

# Plots from WimpEvent run in res-g

Generated on Tue Sep 25 22:04:02 CEST 2007

## Run parameters

```
# Fluxtype:      12 (1D diff)
### Run with WimpEvent version = wimpevent-2.09
### Using nusigma version = nusigma-1.15-pyr
### Using DarkSUSY version = ds-4.1.6
### WimpEvent run parameters
# Detector latitude =  -.90000000E+02
# Start time, t1 =     0.24500000E+00
# End time, t2 =       0.75500000E+00
### Simulated interactions = cc
### Target material = ice/water
#
### WimpAnn input event file = dat-wa/wa-m10-ch1-sun.dat
### Below is header from WimpAnn input event file
### Run with WimpAnn version = wimpann-2.08
### Using Pythia version = Pythia 6.400
### Using nusigma version = nusigma-1.15-pyr
### Using DarkSUSY version = ds-4.1.6
### Neutrino oscillation parameters
#   theta_12 =  0.33200000E+02
#   theta_13 =  0.50000000E+01
#   theta_23 =  0.45000000E+02
#   delta =    0.00000000E+00
# delta_m^2_21 =  0.81000000E-04
# delta_m^2_31 = -.22000000E-02
### WimpAnn run parameters
# Number of annihilations =  250000
```

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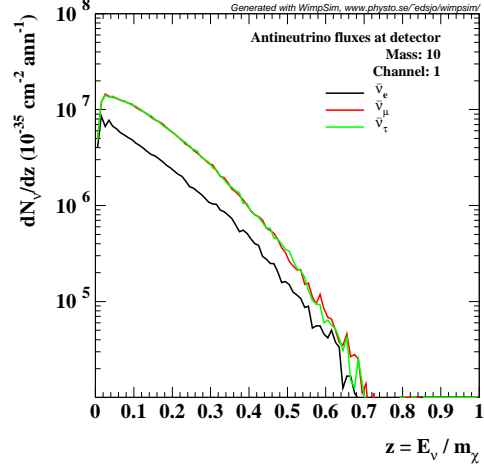
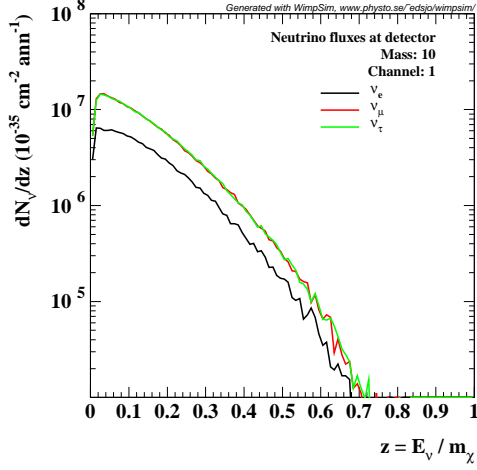
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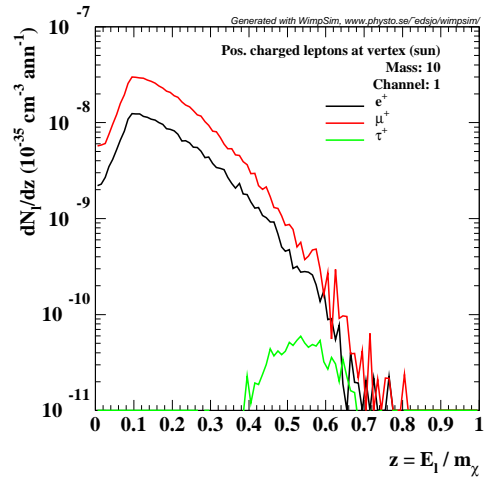
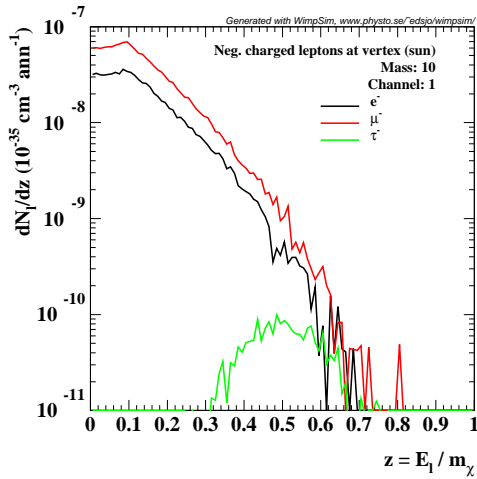
# 1 Mass 10

## 1.1 Channel 1 – $c\bar{c}$

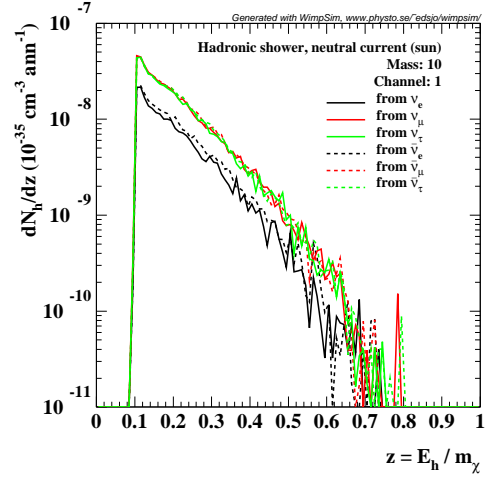
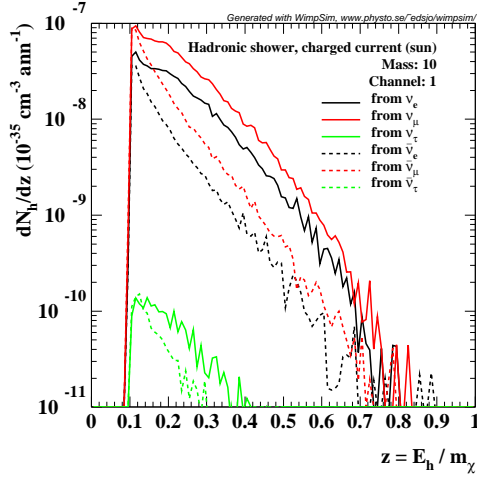
### 1.1.1 Neutrino fluxes at detector (Sun)



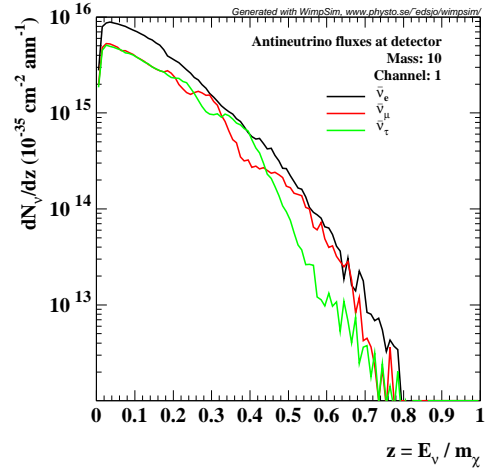
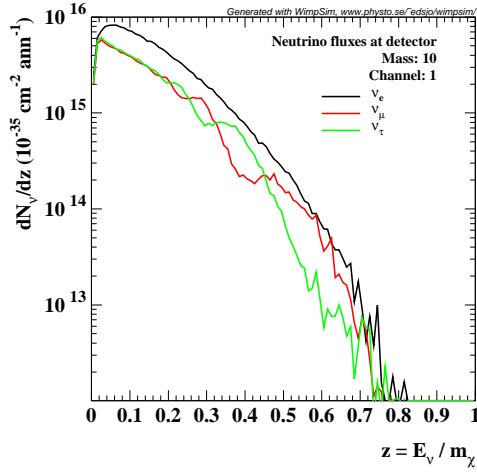
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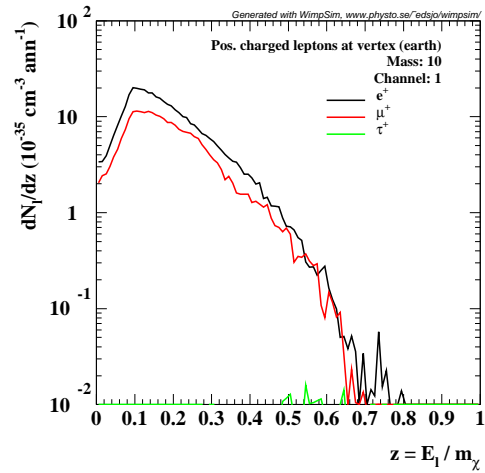
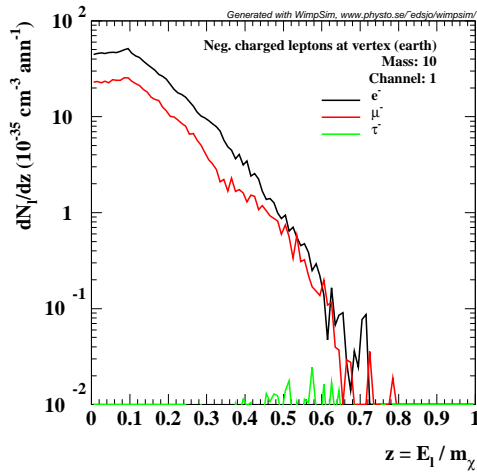
### 1.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



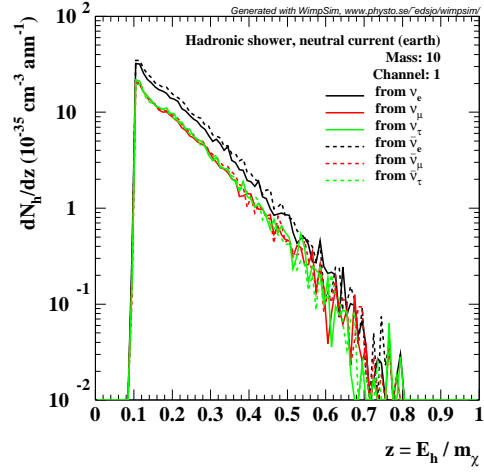
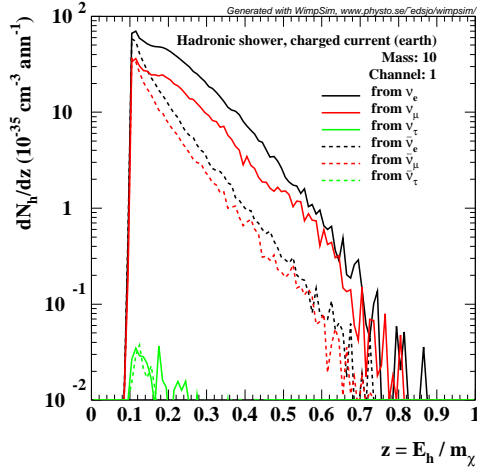
### 1.1.4 Neutrino fluxes at detector (Earth)



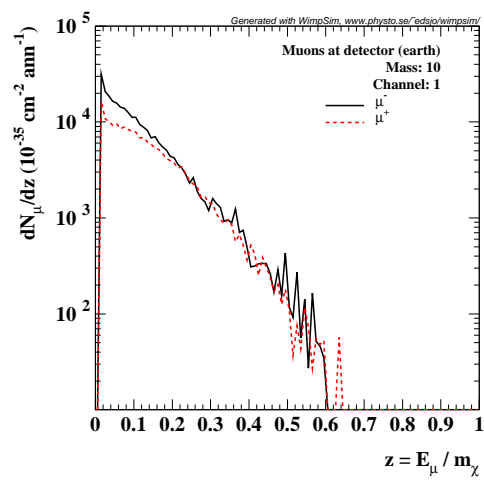
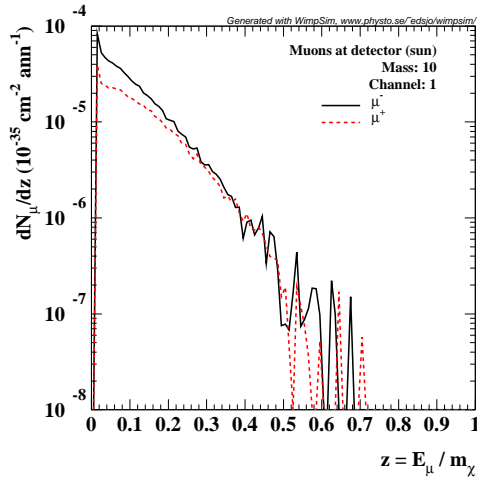
### 1.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 1.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

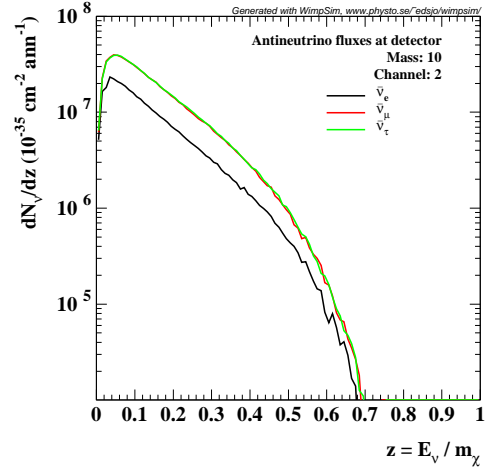
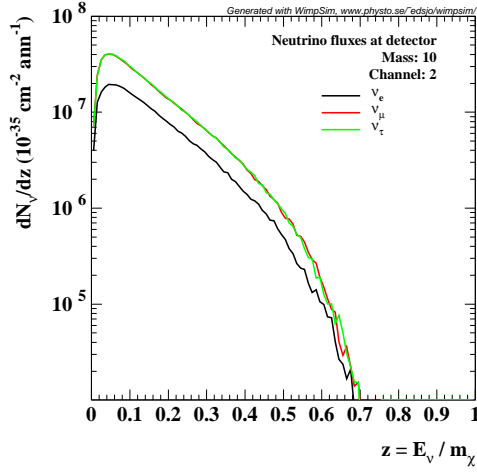


### 1.1.7 Muons at detector (Sun/Earth)

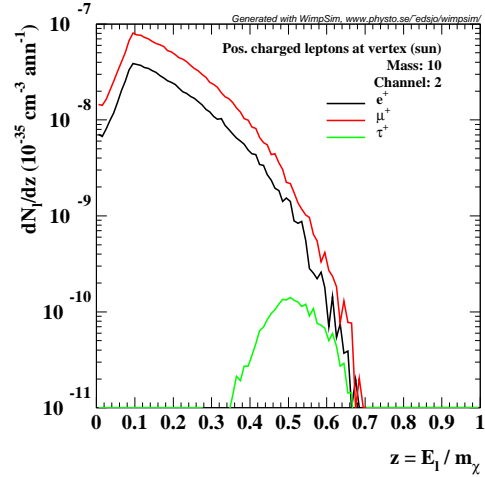
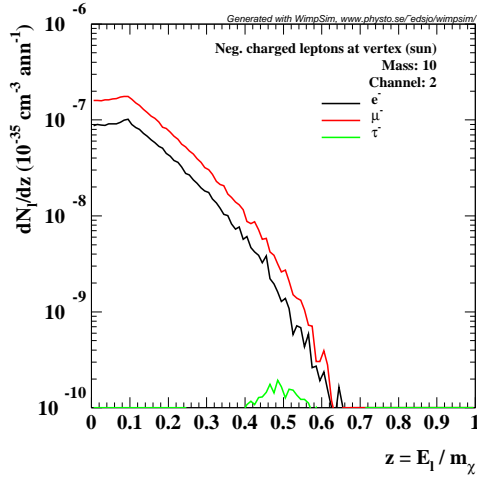


## 1.2 Channel 2 – $b\bar{b}$

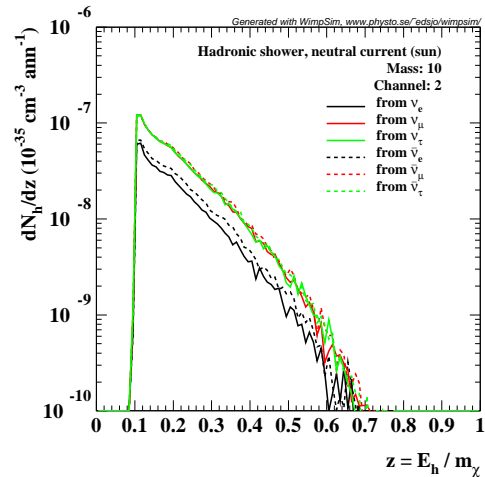
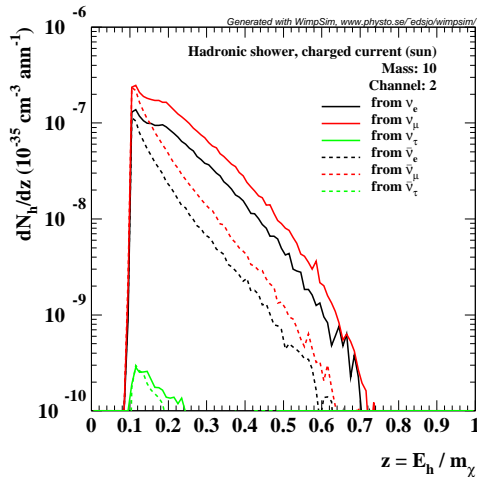
### 1.2.1 Neutrino fluxes at detector (Sun)



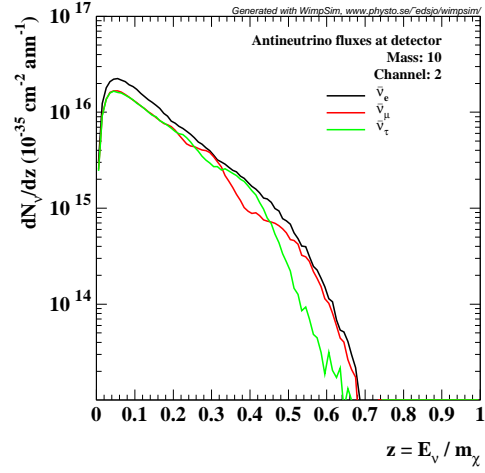
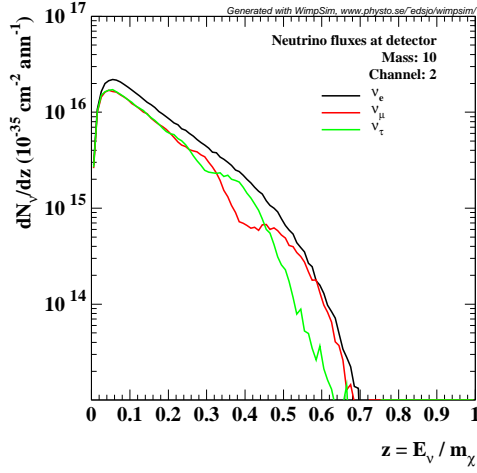
### 1.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



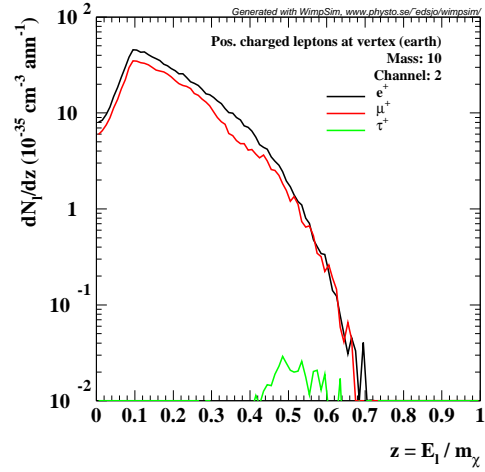
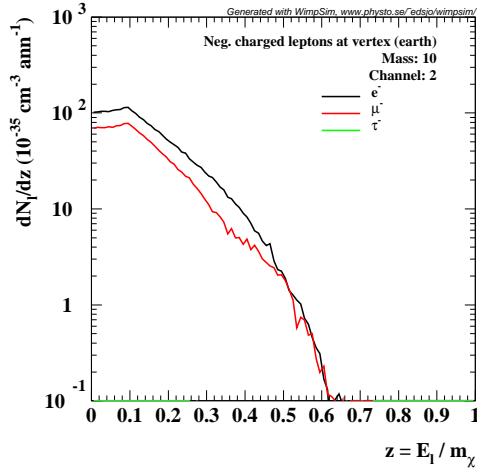
### 1.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



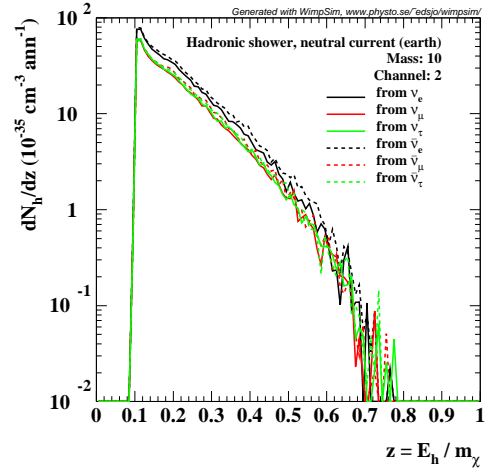
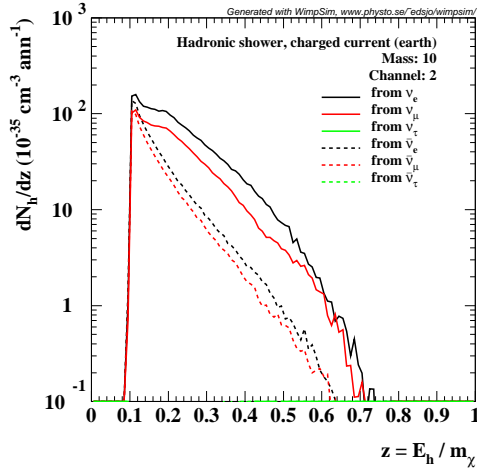
### 1.2.4 Neutrino fluxes at detector (Earth)



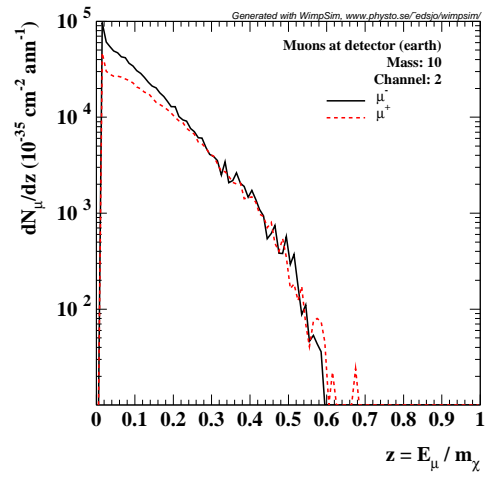
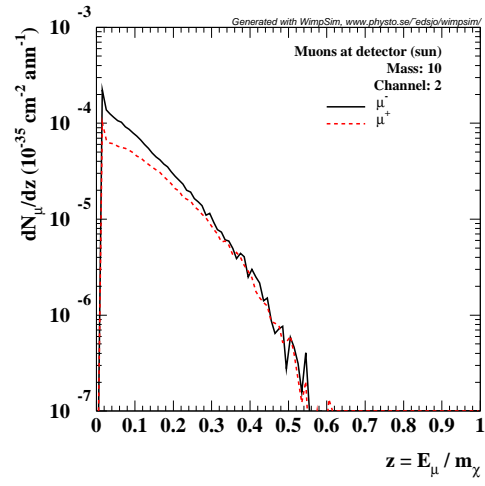
### 1.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 1.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)



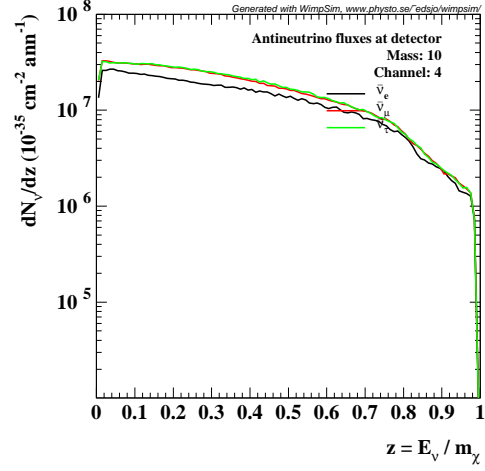
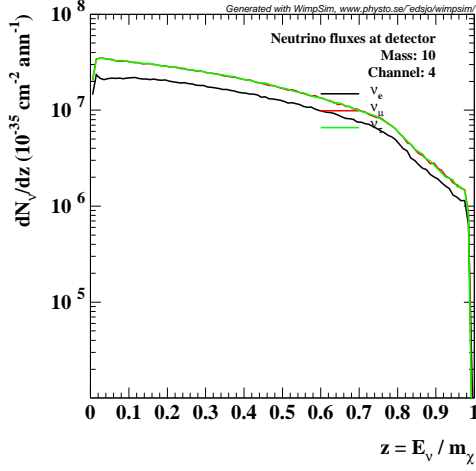
### 1.2.7 Muons at detector (Sun/Earth)



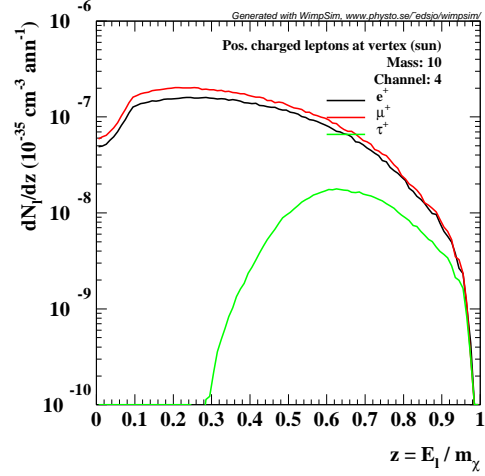
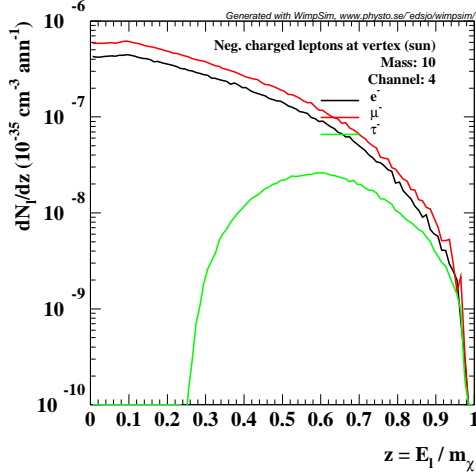


### 1.3 Channel 4 – $\tau^- \tau^+$

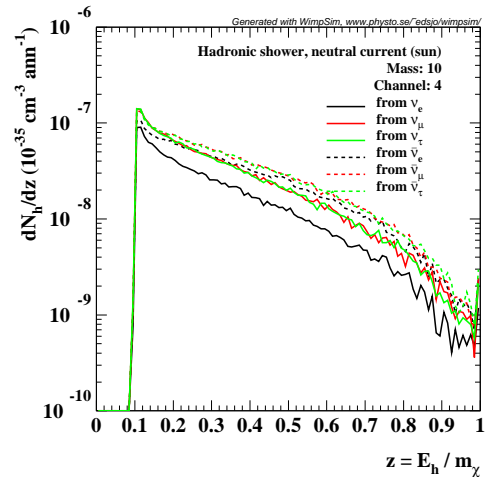
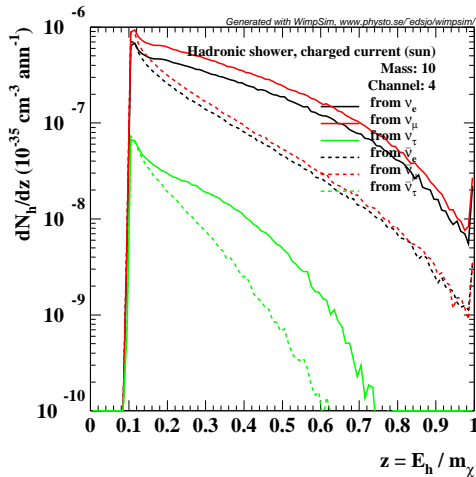
#### 1.3.1 Neutrino fluxes at detector (Sun)



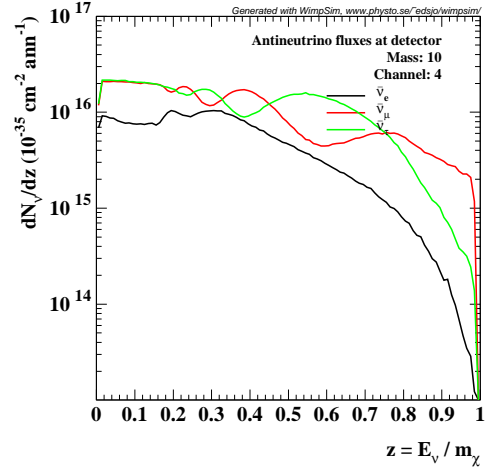
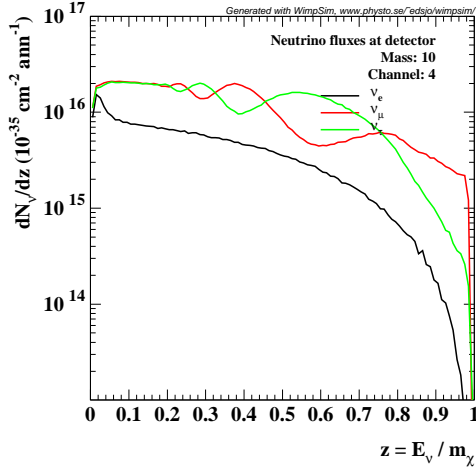
#### 1.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



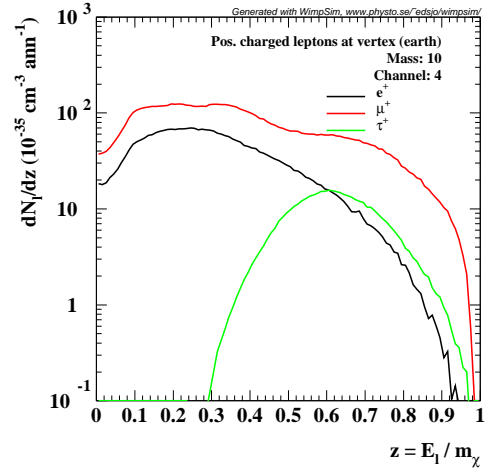
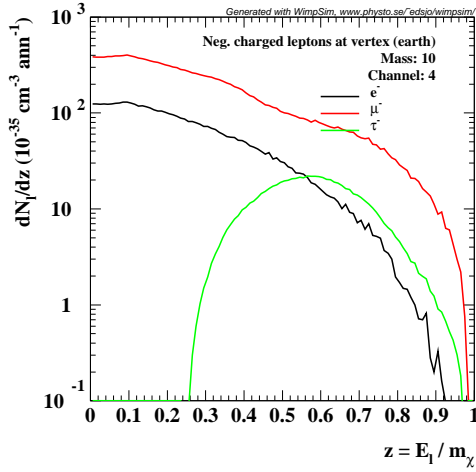
#### 1.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



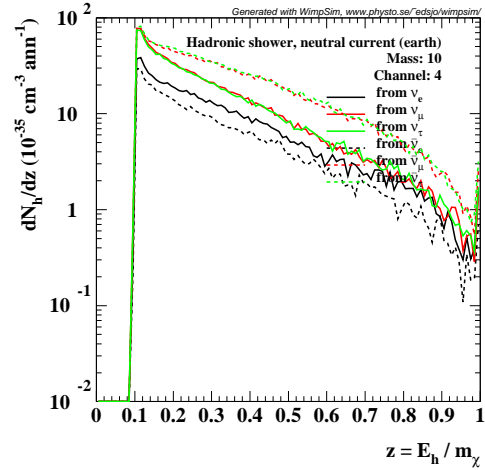
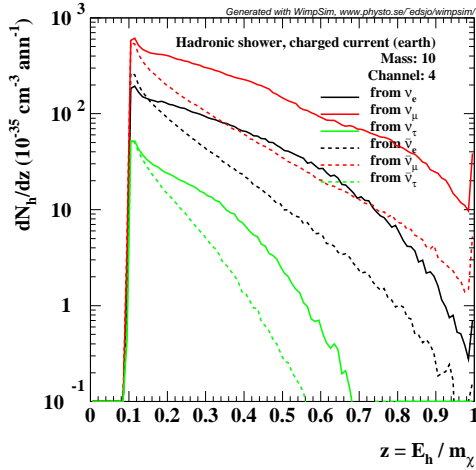
### 1.3.4 Neutrino fluxes at detector (Earth)



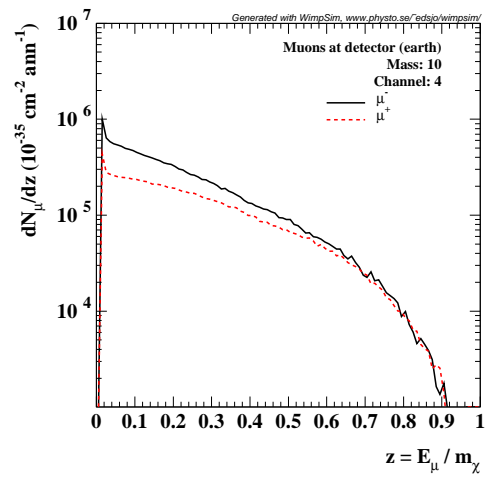
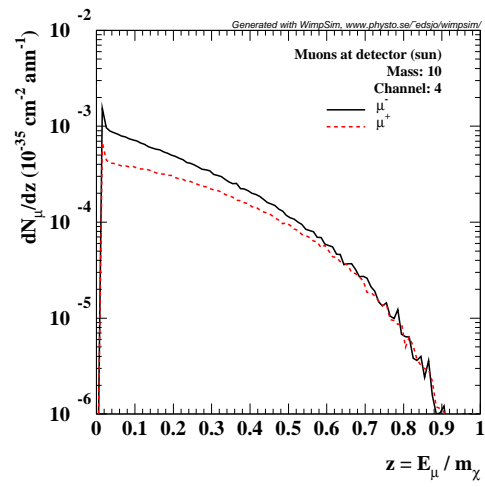
### 1.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 1.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

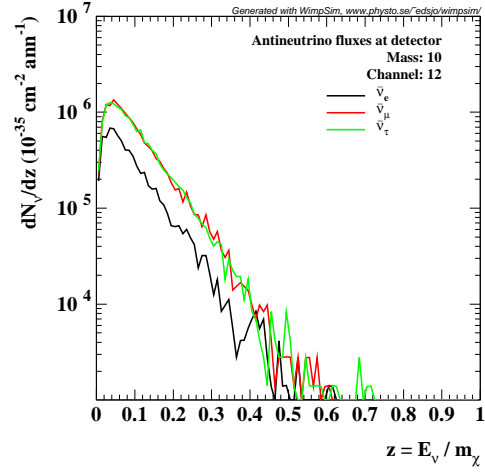
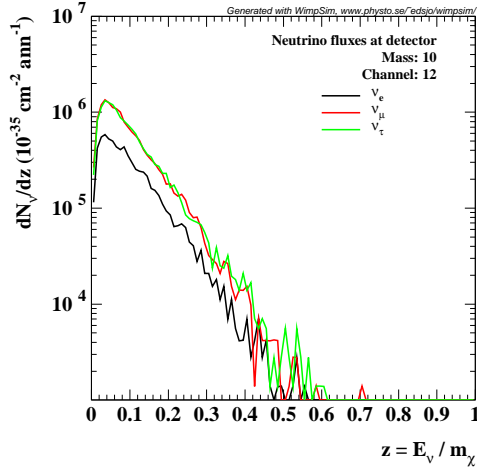


### 1.3.7 Muons at detector (Sun/Earth)

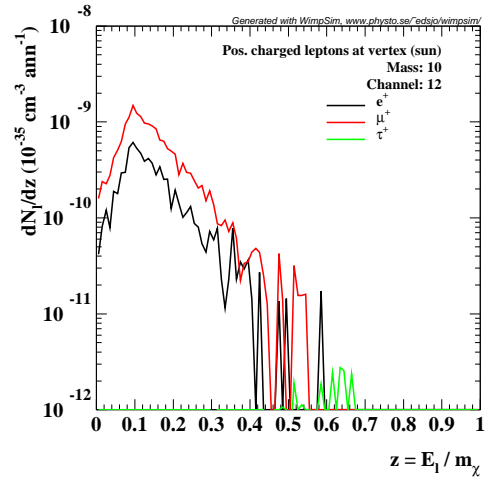
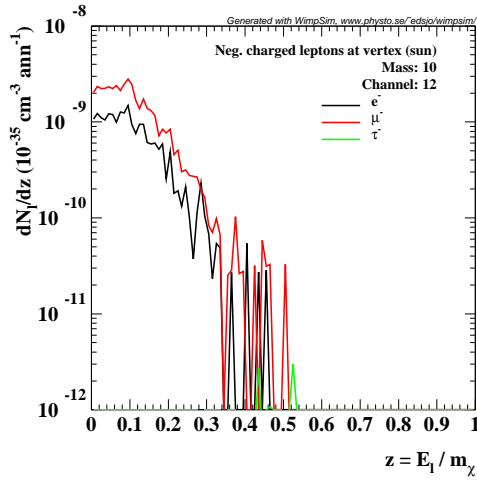


## 1.4 Channel 12 – $gg$

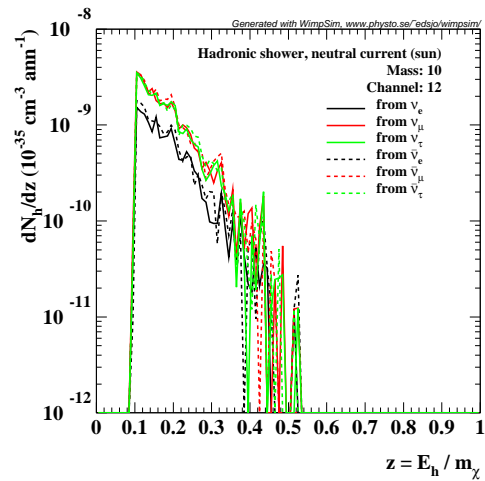
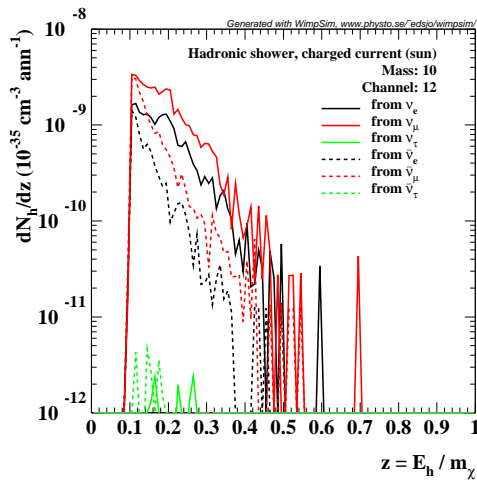
### 1.4.1 Neutrino fluxes at detector (Sun)



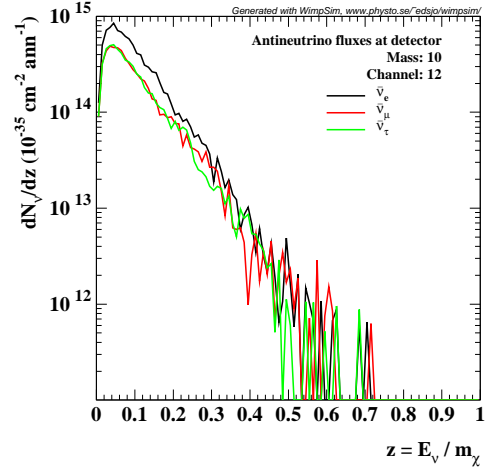
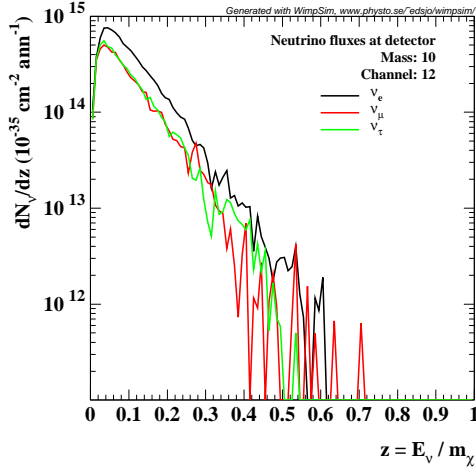
### 1.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



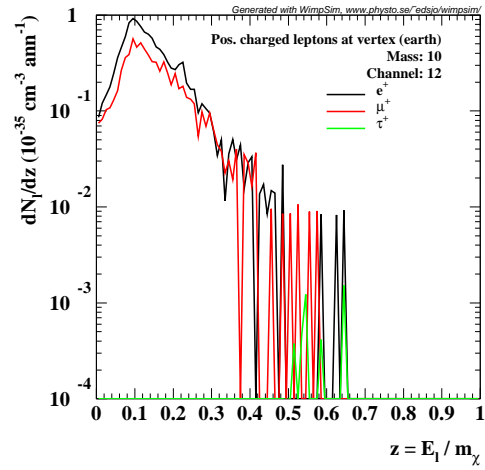
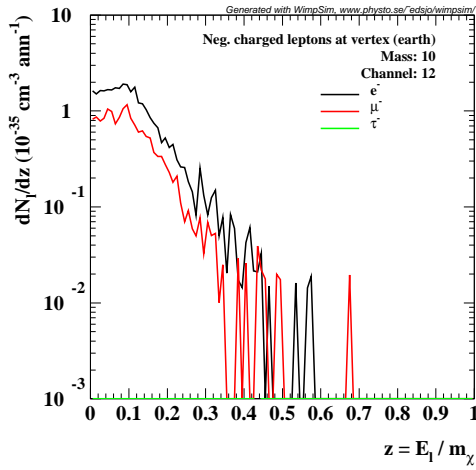
### 1.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



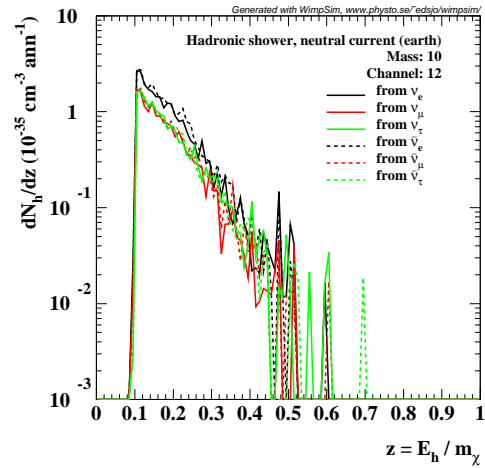
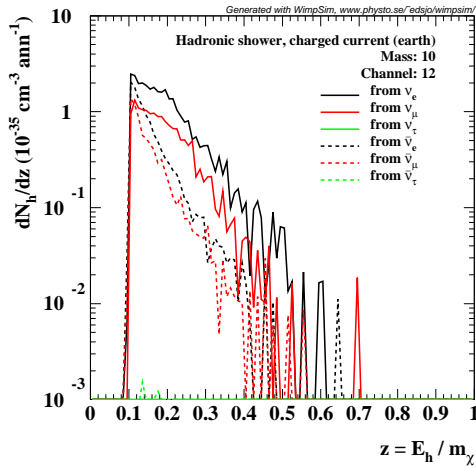
#### 1.4.4 Neutrino fluxes at detector (Earth)



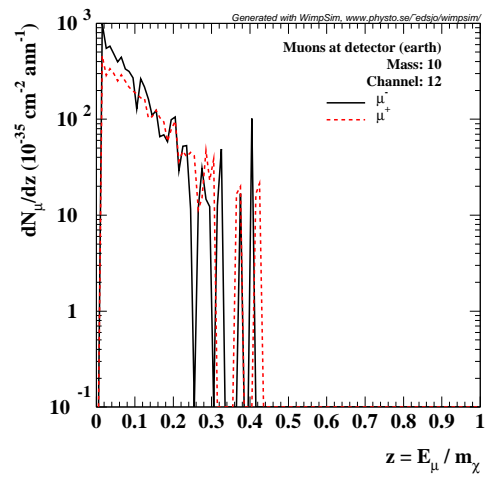
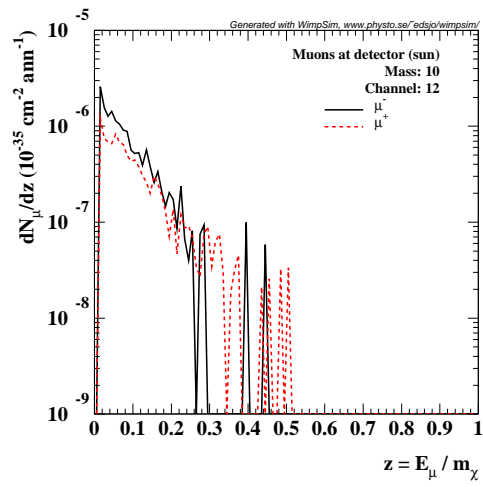
#### 1.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 1.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

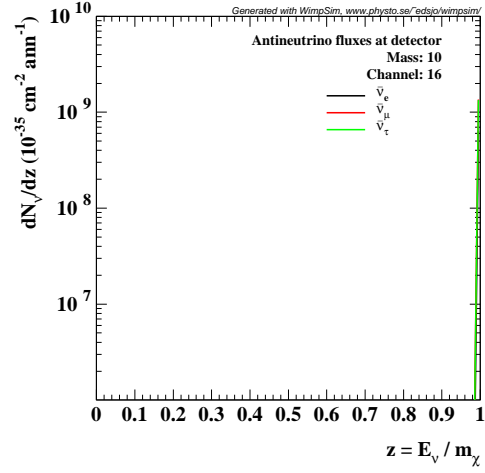
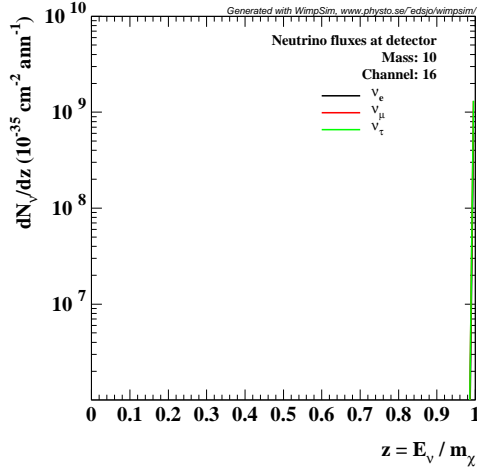


### 1.4.7 Muons at detector (Sun/Earth)

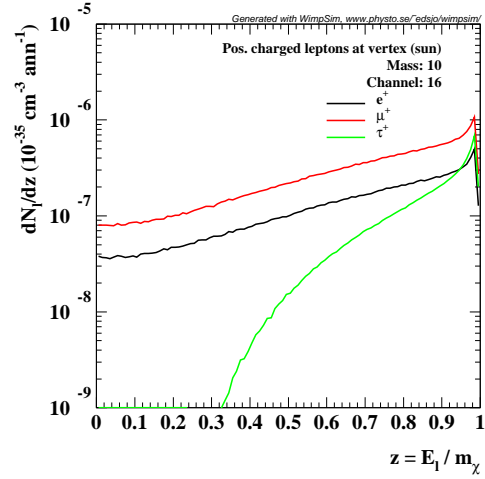
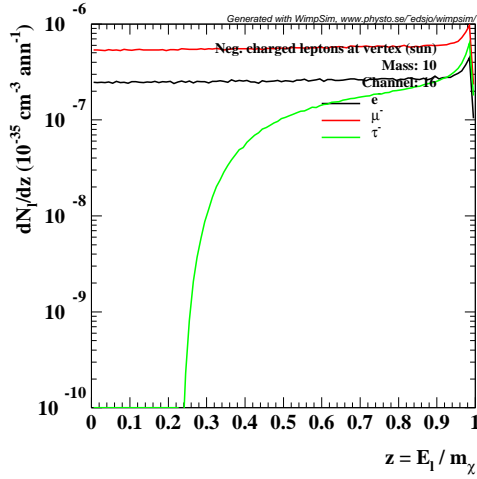


## 1.5 Channel 16 – $\nu_e \bar{\nu}_e$

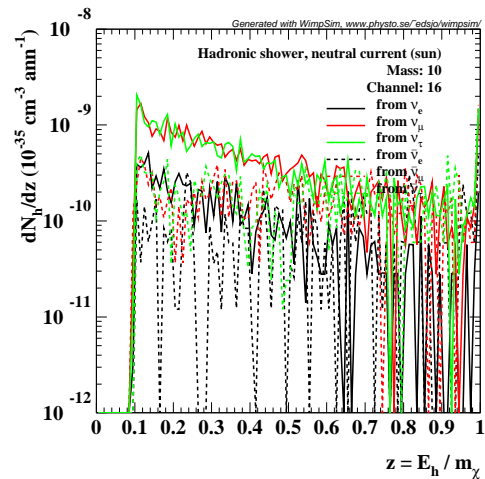
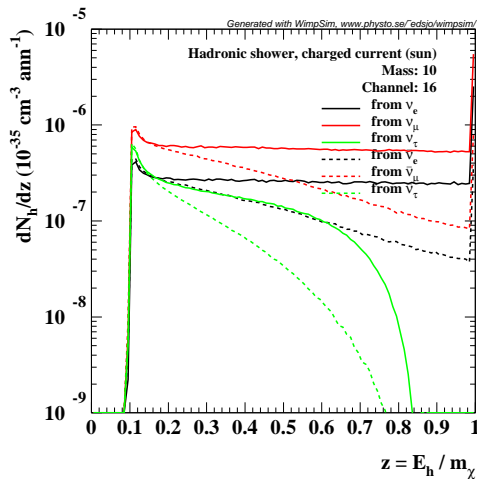
### 1.5.1 Neutrino fluxes at detector (Sun)



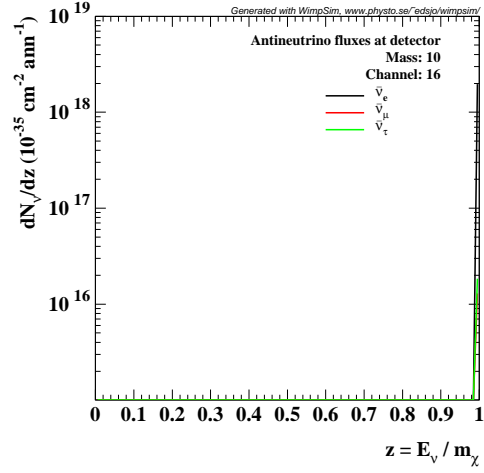
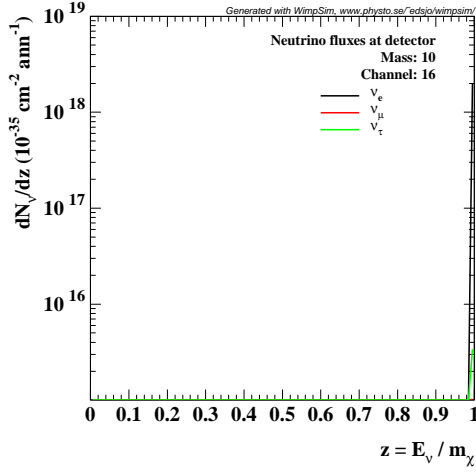
### 1.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



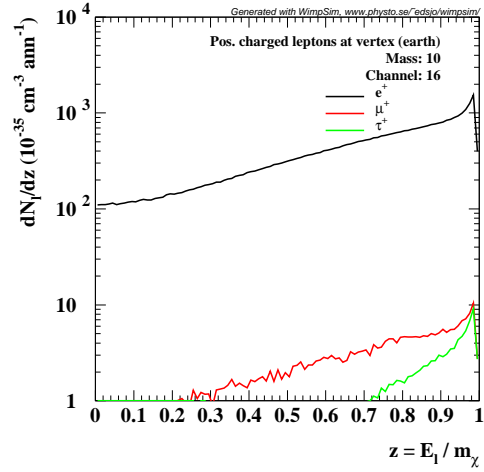
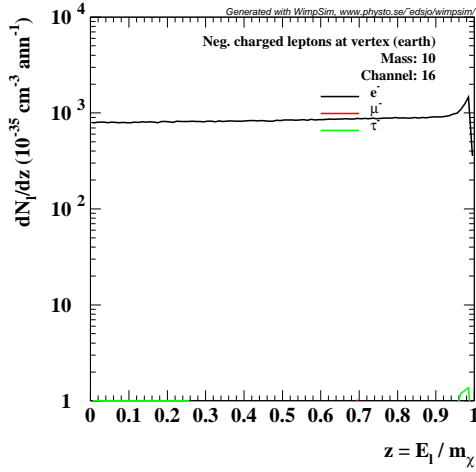
### 1.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



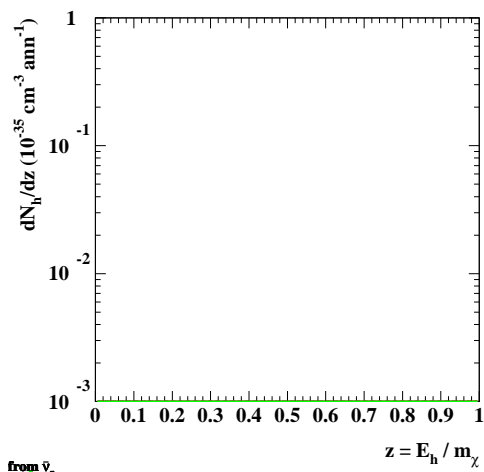
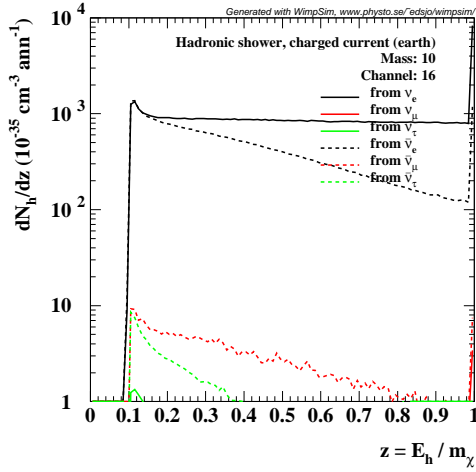
### 1.5.4 Neutrino fluxes at detector (Earth)



### 1.5.5 Charged leptons at neutrino-nucleon vertex (Earth)

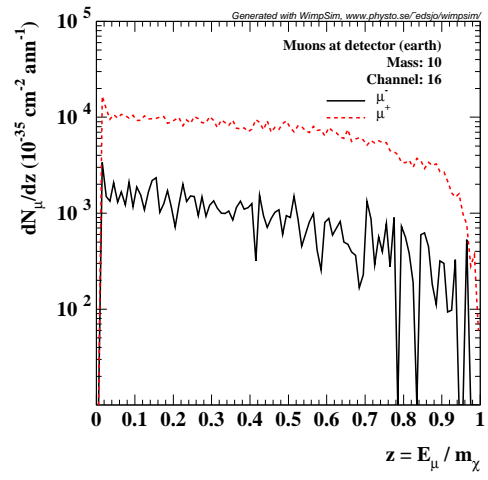
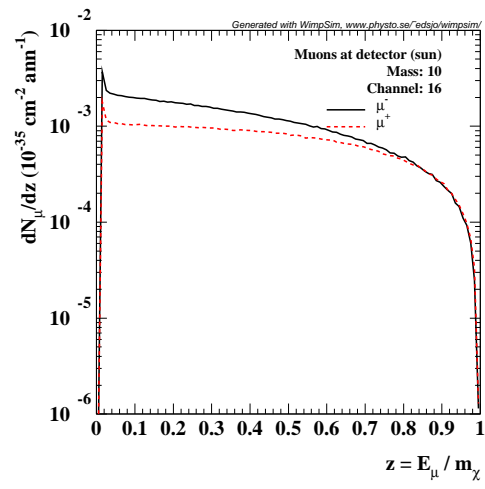


### 1.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)



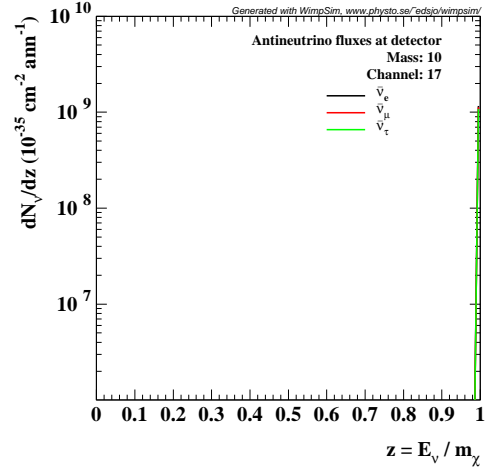
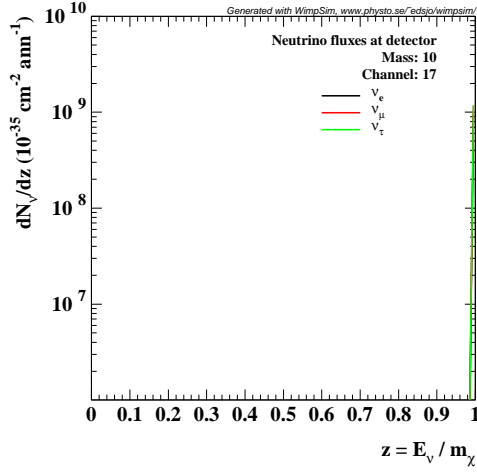


### 1.5.7 Muons at detector (Sun/Earth)

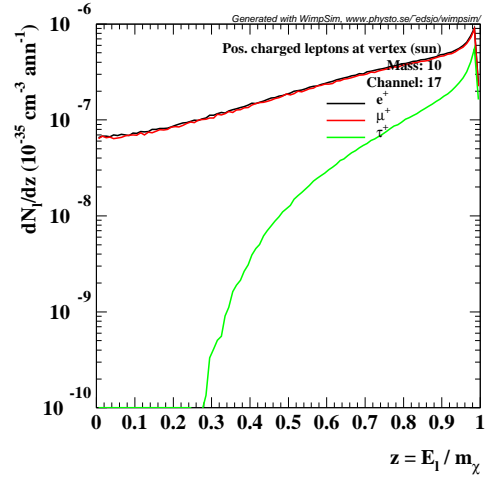
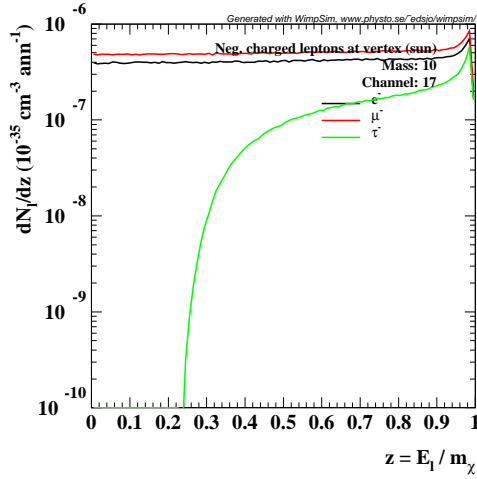


## 1.6 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

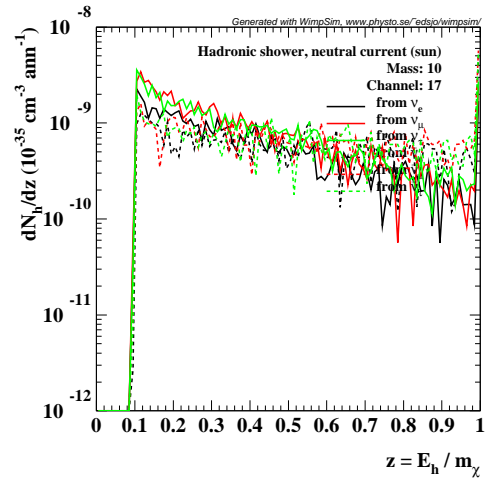
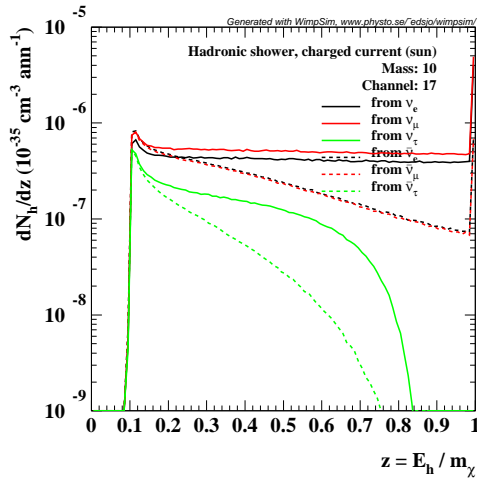
### 1.6.1 Neutrino fluxes at detector (Sun)



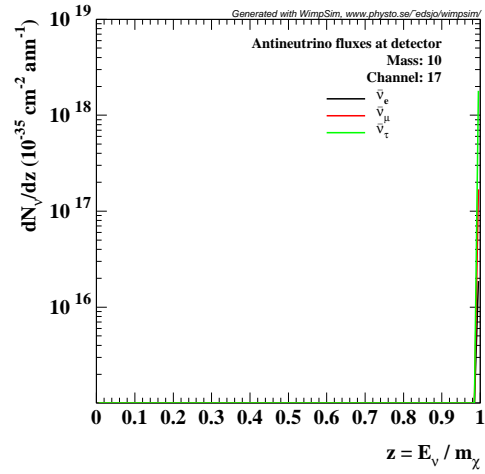
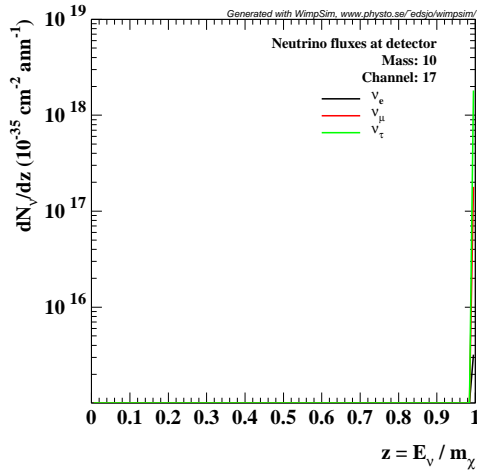
### 1.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



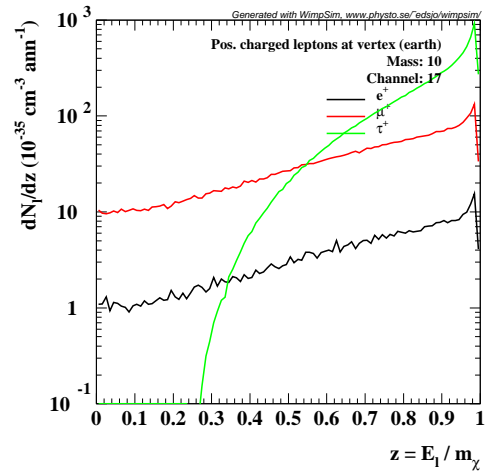
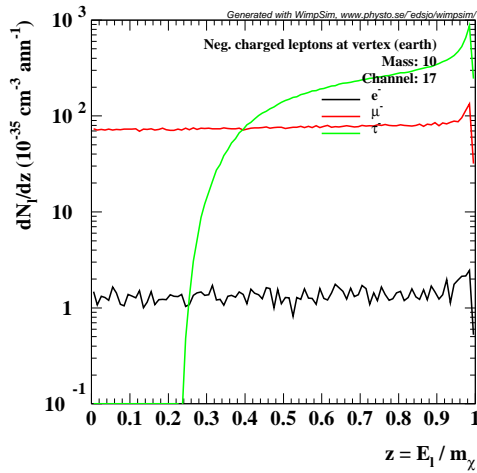
### 1.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



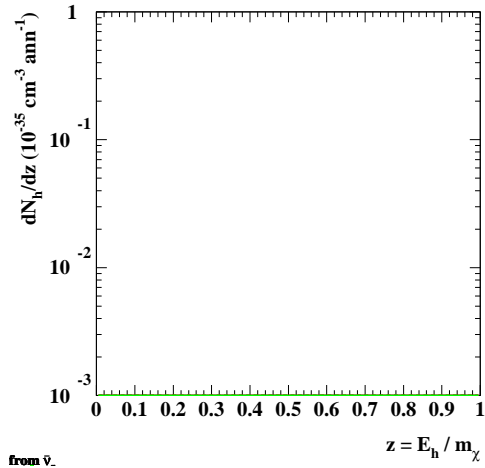
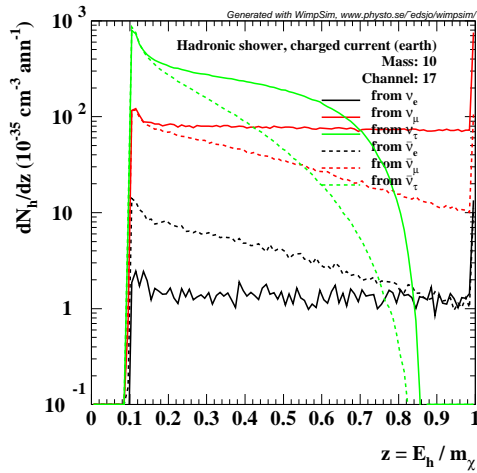
### 1.6.4 Neutrino fluxes at detector (Earth)



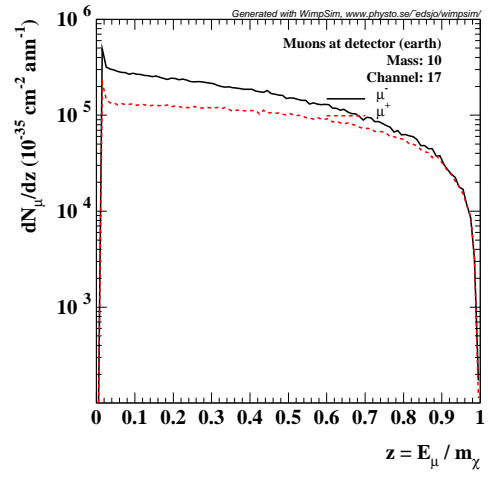
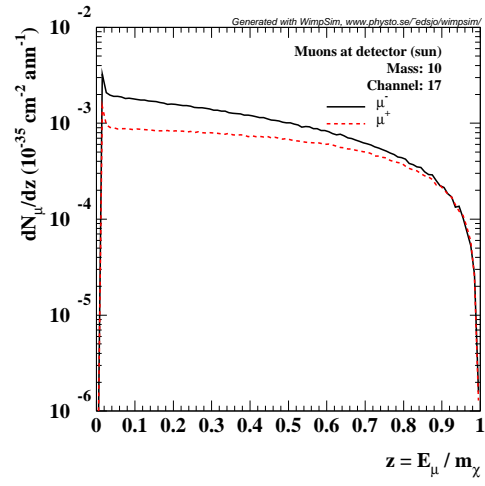
### 1.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 1.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

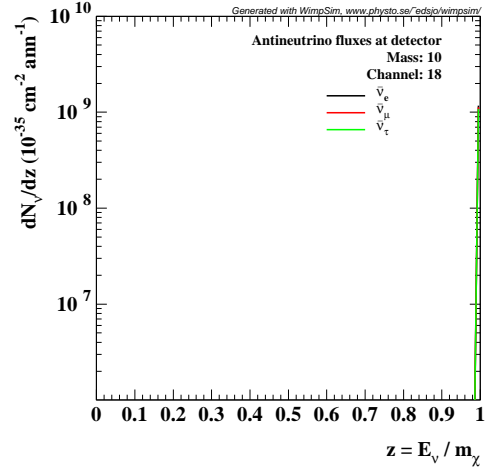
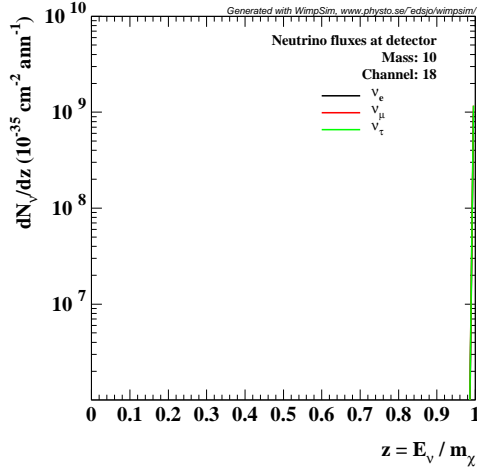


### 1.6.7 Muons at detector (Sun/Earth)

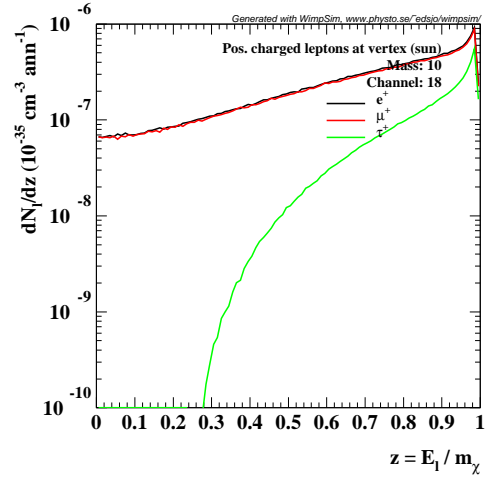
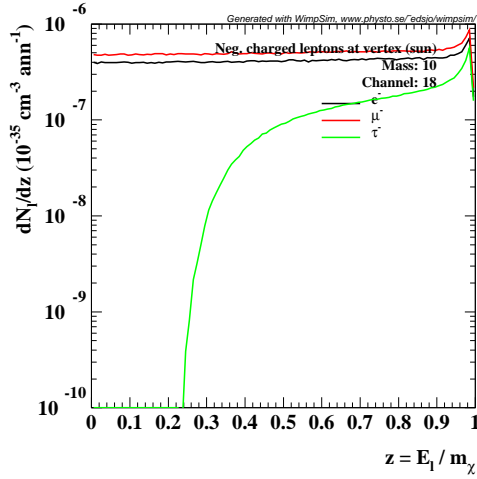


## 1.7 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

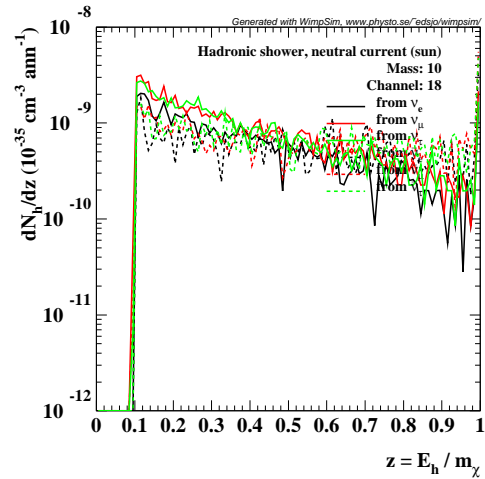
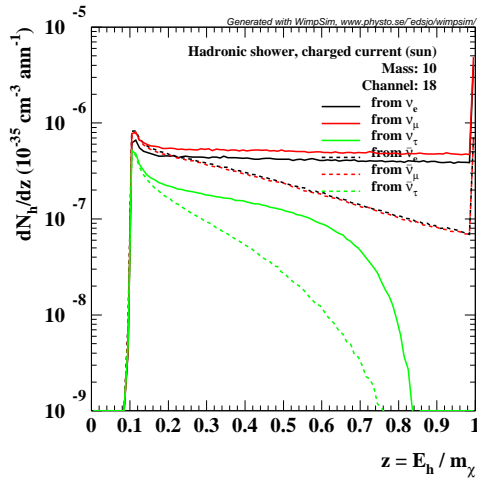
### 1.7.1 Neutrino fluxes at detector (Sun)



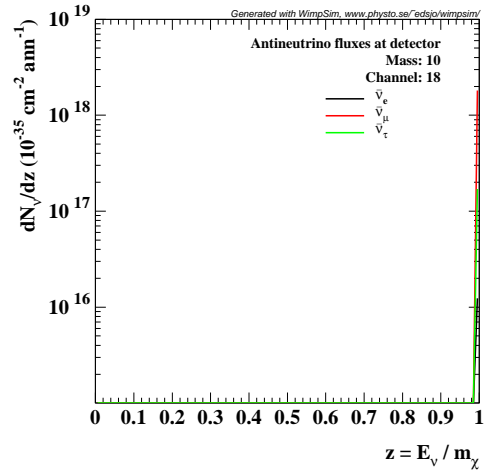
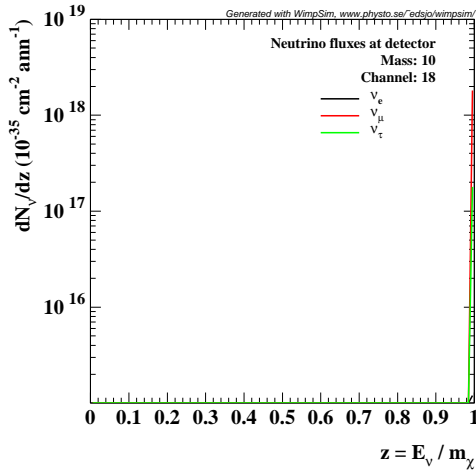
### 1.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



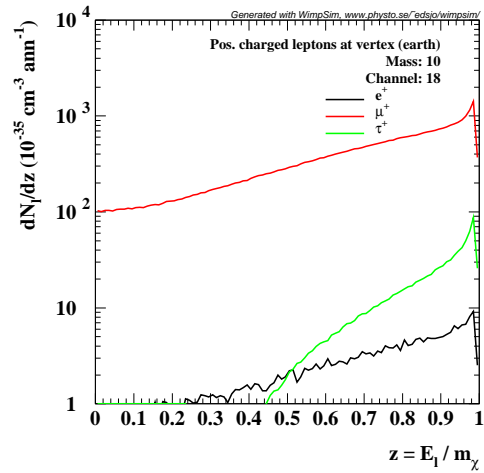
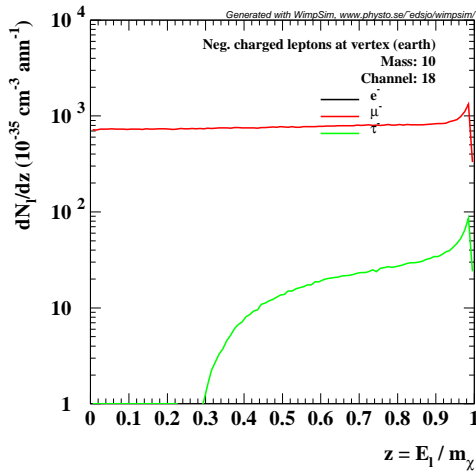
### 1.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



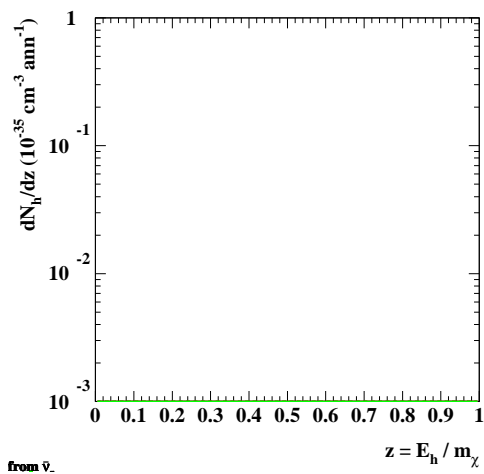
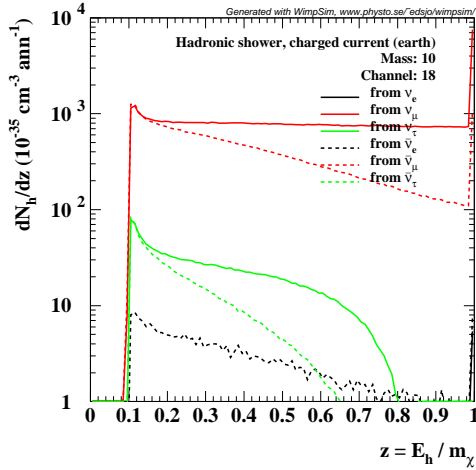
### 1.7.4 Neutrino fluxes at detector (Earth)



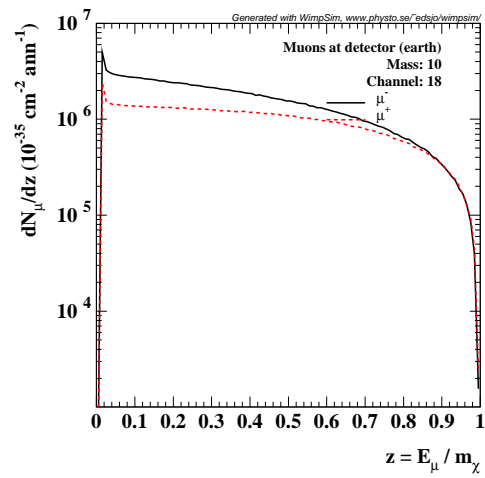
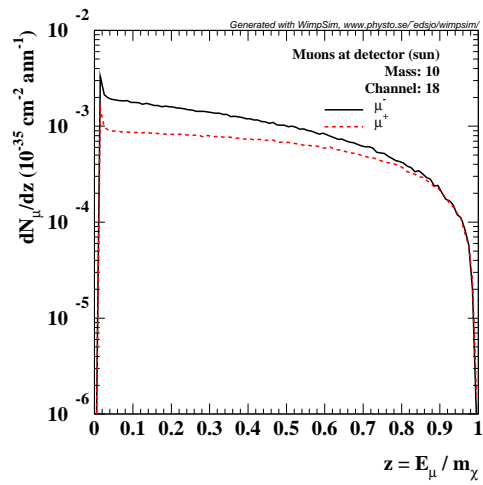
### 1.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 1.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)



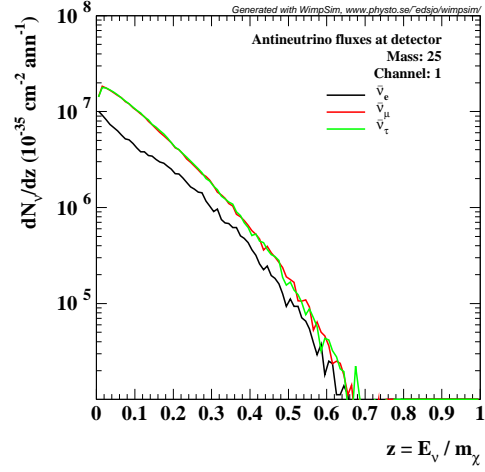
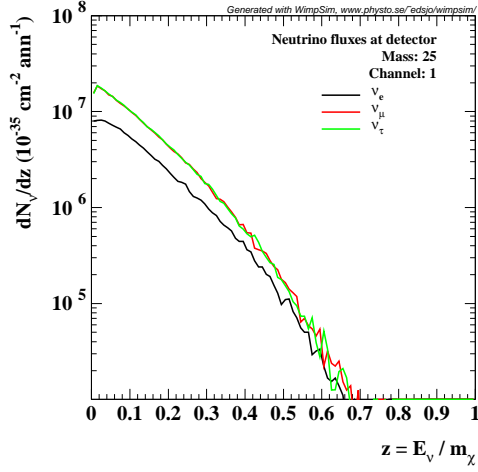
### 1.7.7 Muons at detector (Sun/Earth)



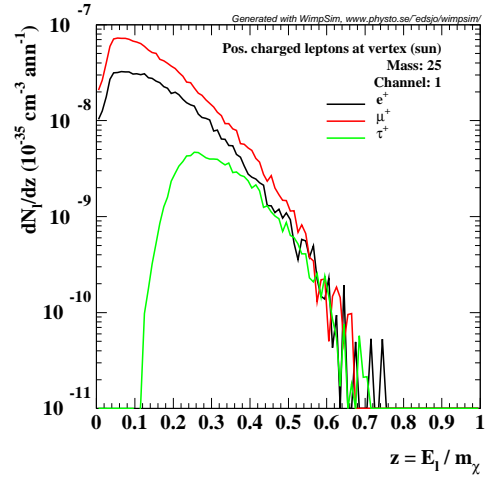
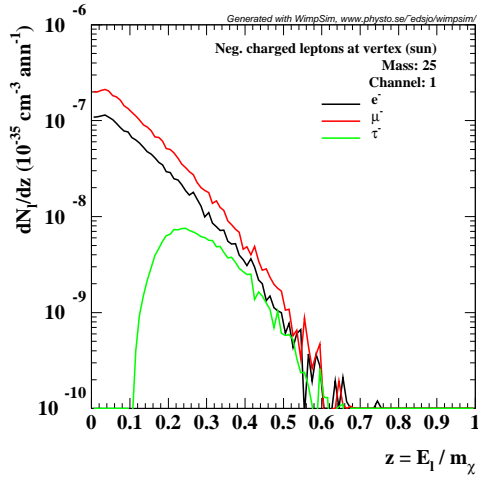
## 2 Mass 25

### 2.1 Channel 1 – $c\bar{c}$

#### 2.1.1 Neutrino fluxes at detector (Sun)

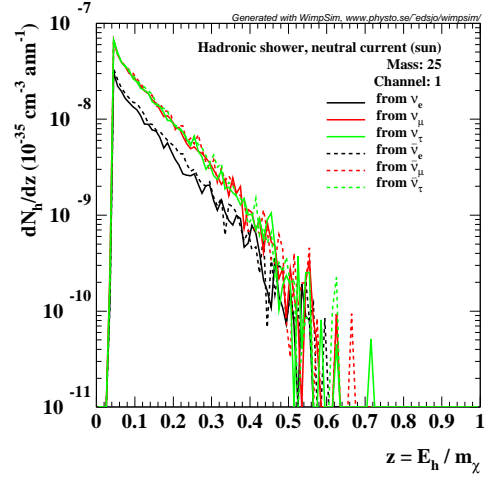
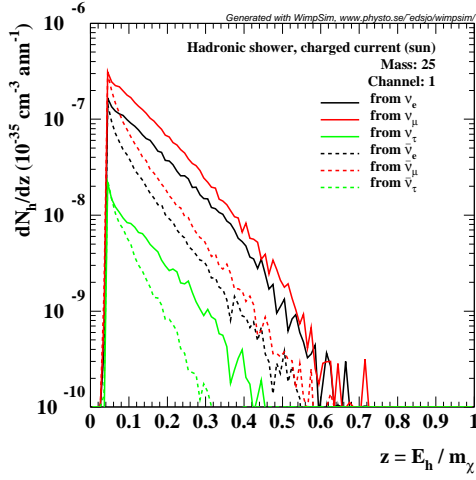


#### 2.1.2 Charged leptons at neutrino-nucleon vertex (Sun)

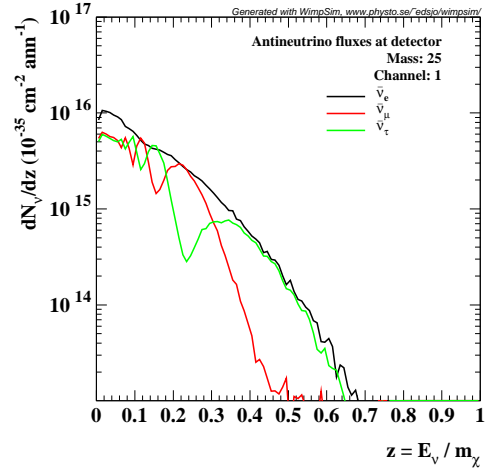
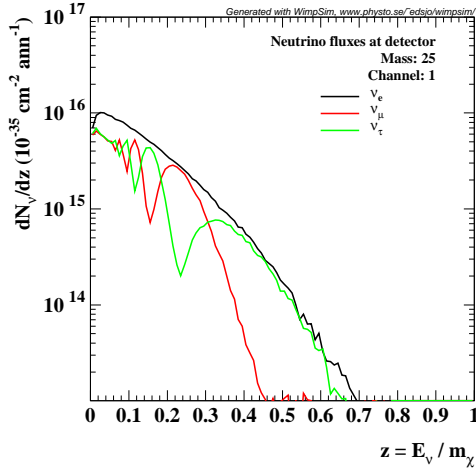




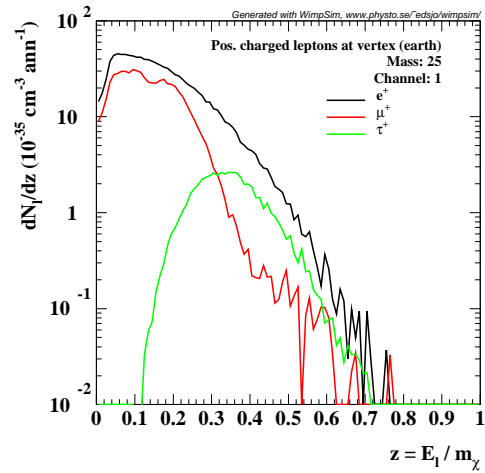
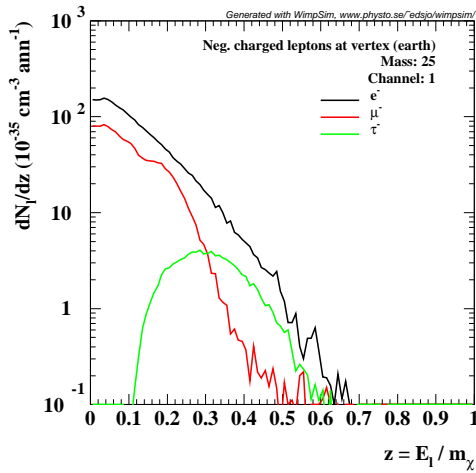
### 2.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



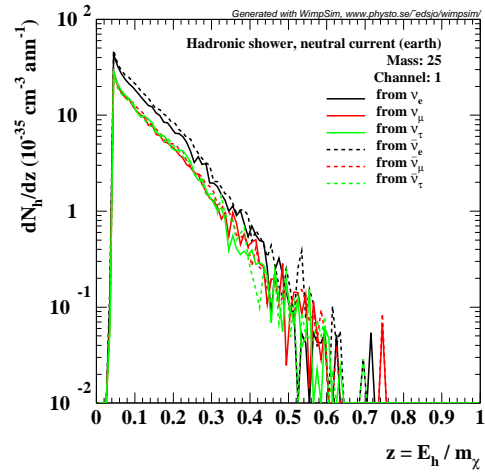
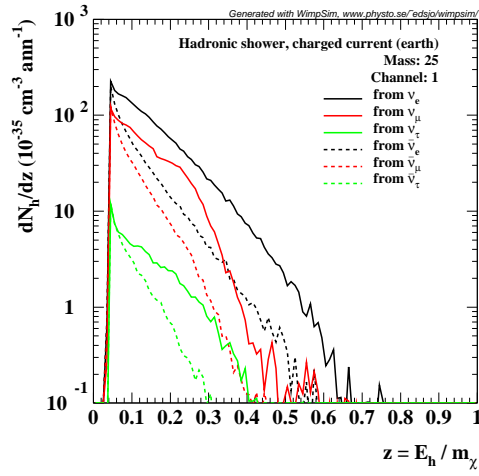
### 2.1.4 Neutrino fluxes at detector (Earth)



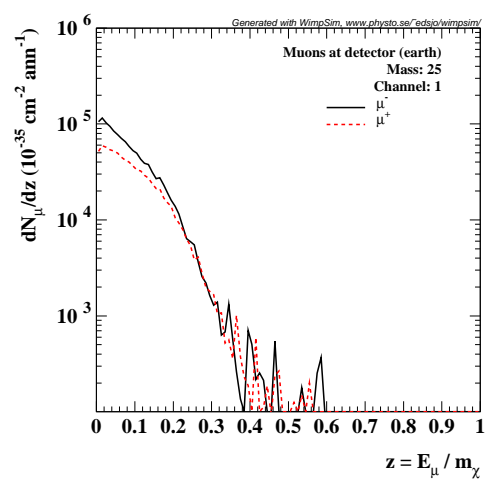
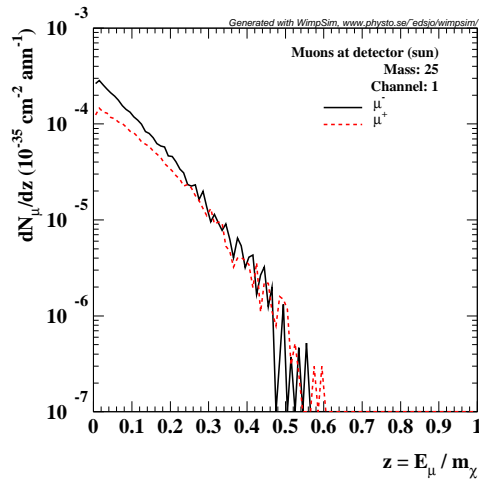
### 2.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 2.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

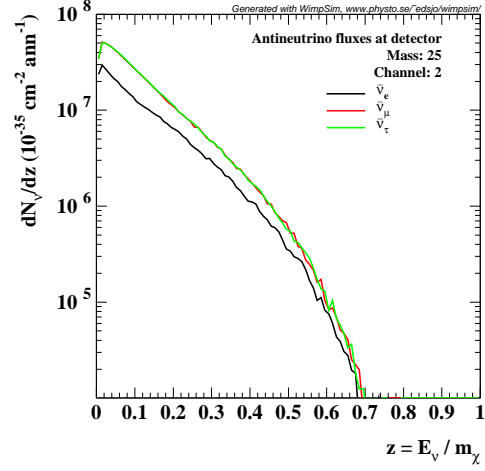
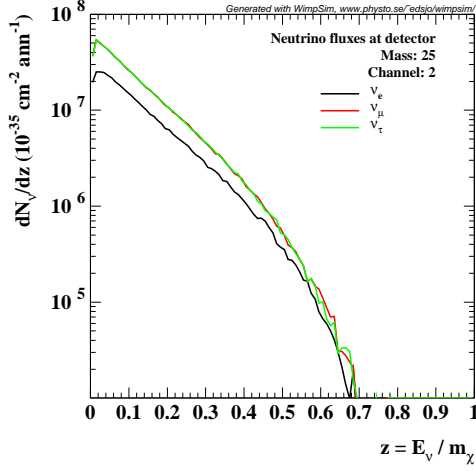


### 2.1.7 Muons at detector (Sun/Earth)

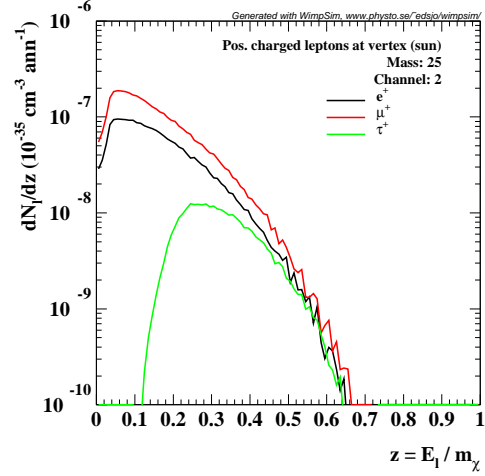
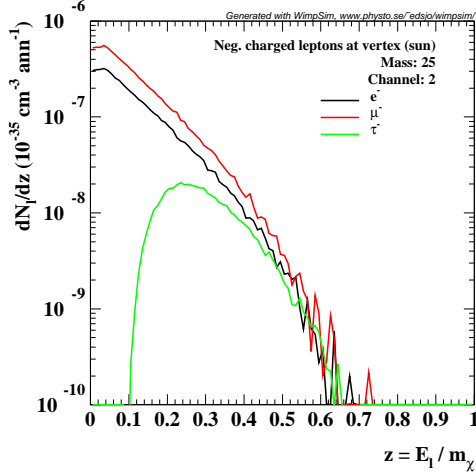


## 2.2 Channel 2 – $b\bar{b}$

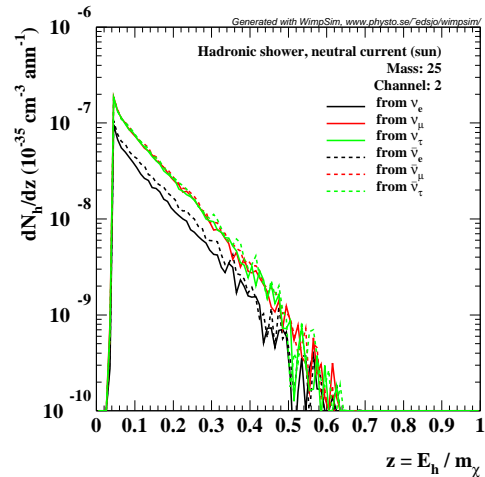
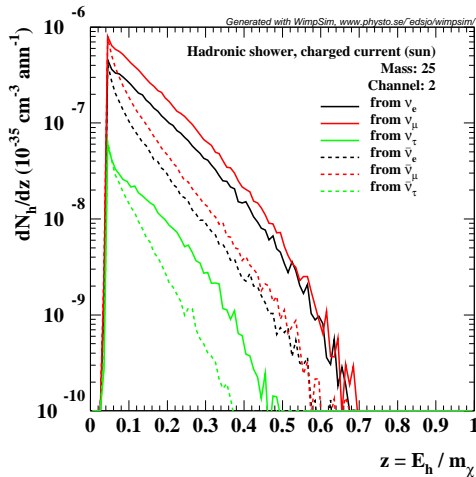
### 2.2.1 Neutrino fluxes at detector (Sun)



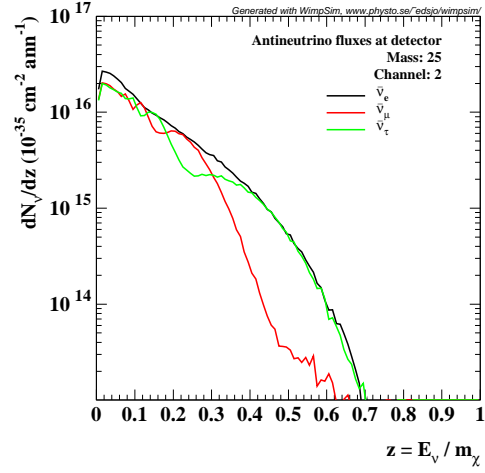
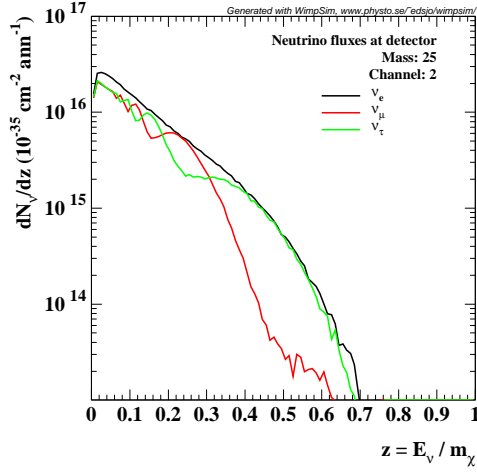
### 2.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



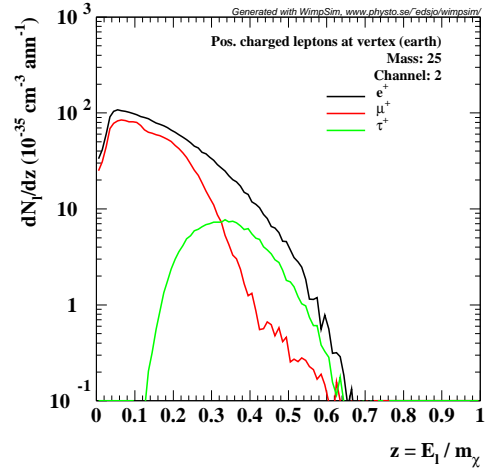
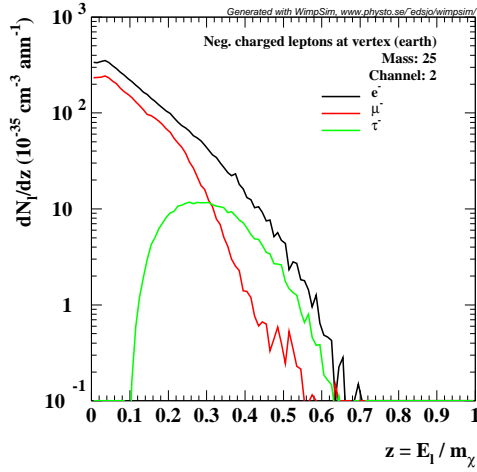
### 2.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



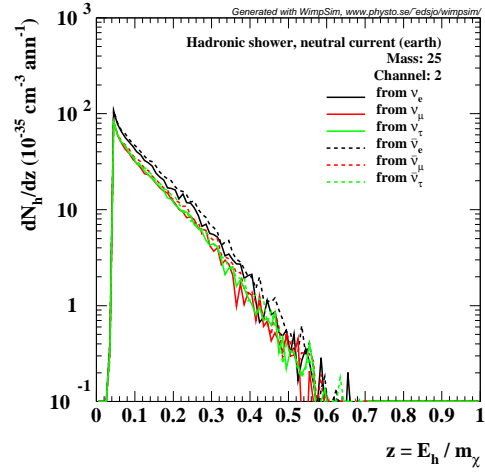
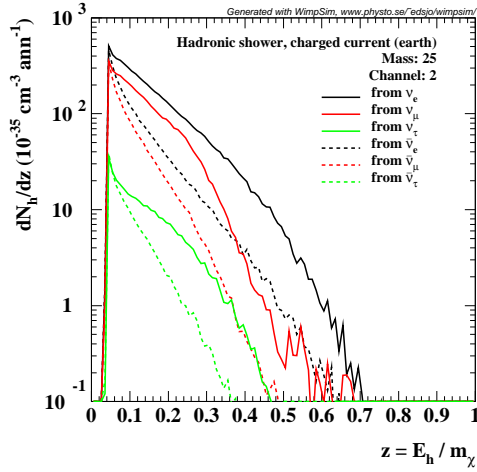
## 2.2.4 Neutrino fluxes at detector (Earth)



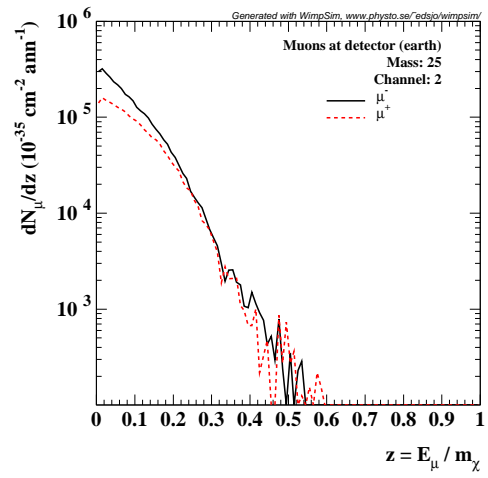
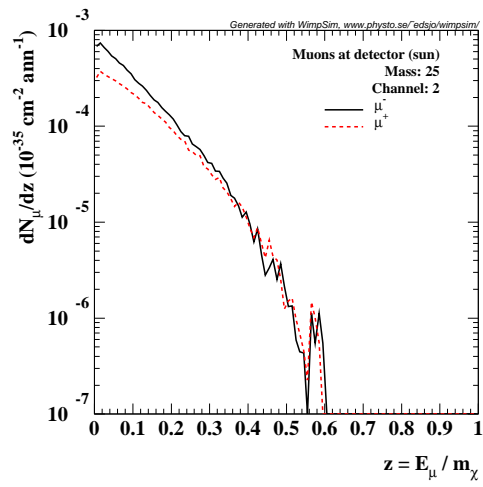
## 2.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



## 2.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

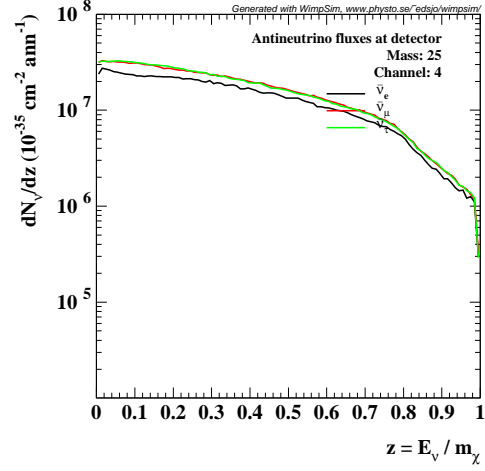
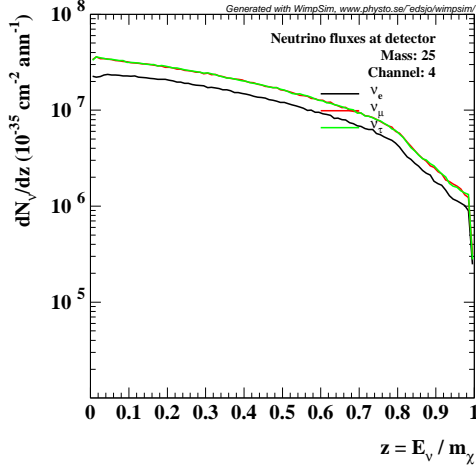


## 2.2.7 Muons at detector (Sun/Earth)

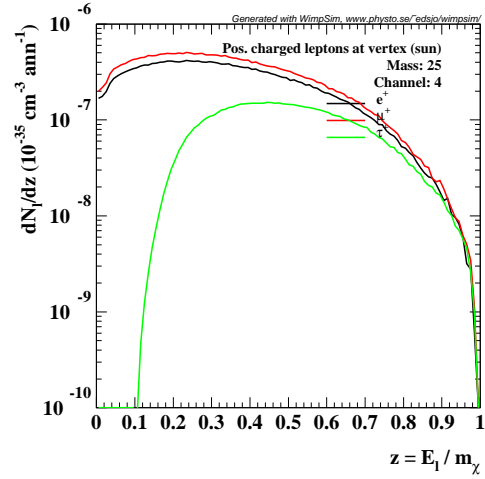
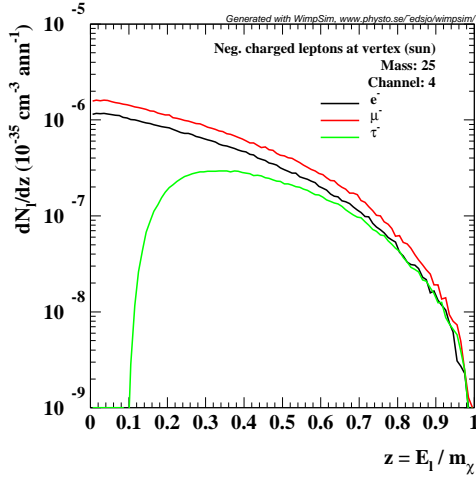


## 2.3 Channel 4 – $\tau^- \tau^+$

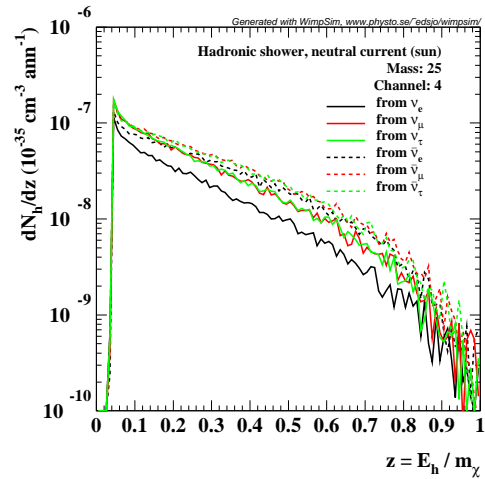
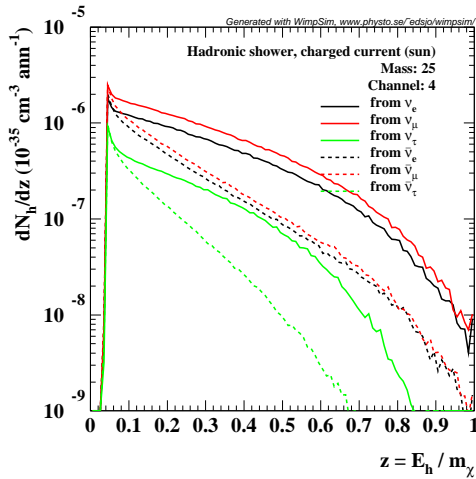
### 2.3.1 Neutrino fluxes at detector (Sun)



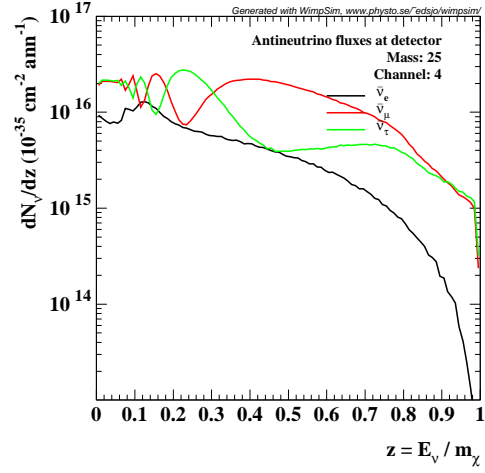
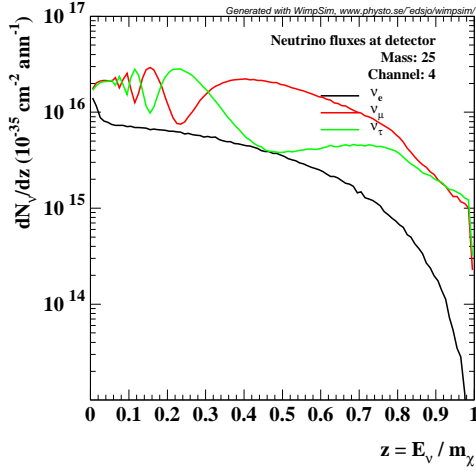
### 2.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



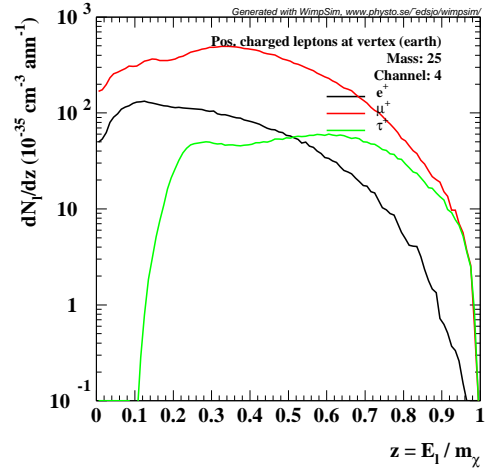
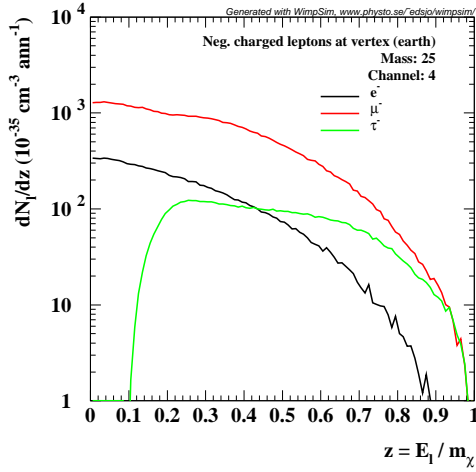
### 2.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



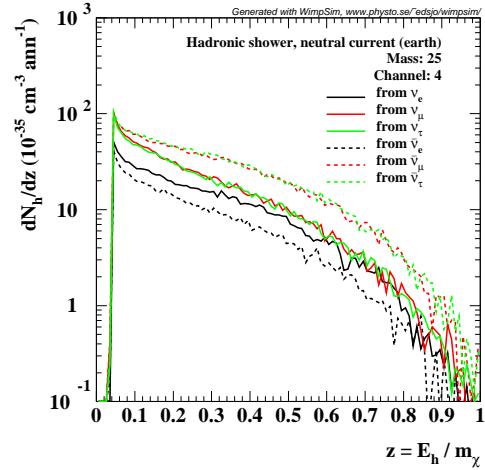
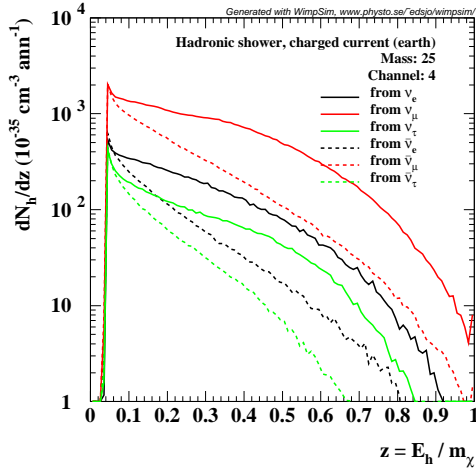
### 2.3.4 Neutrino fluxes at detector (Earth)



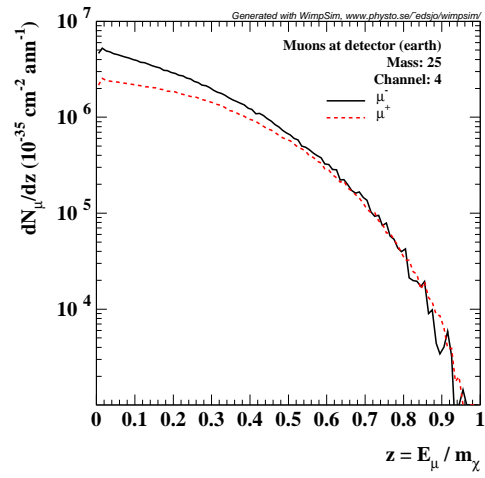
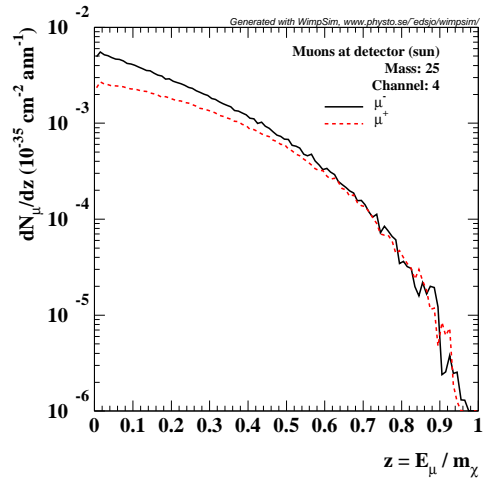
### 2.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 2.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)



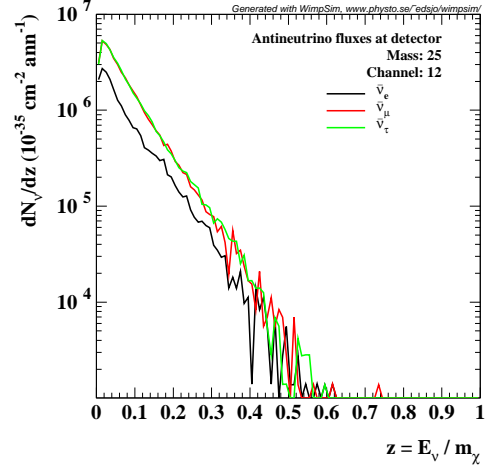
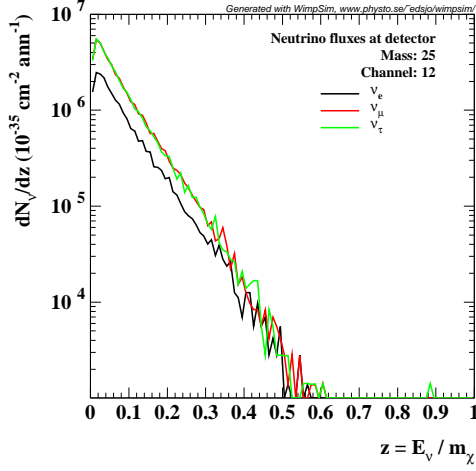
### 2.3.7 Muons at detector (Sun/Earth)



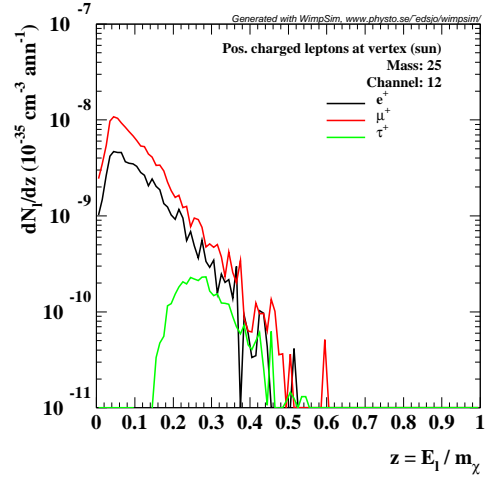
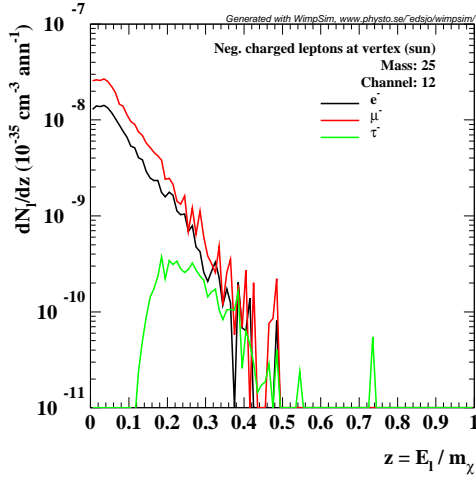


## 2.4 Channel 12 – $gg$

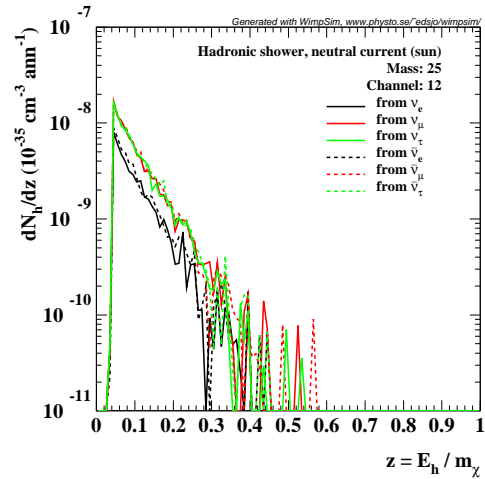
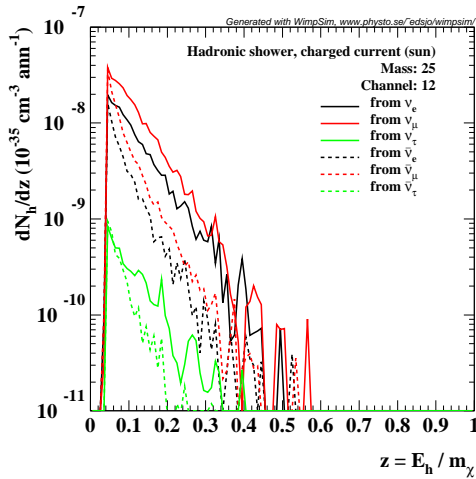
### 2.4.1 Neutrino fluxes at detector (Sun)



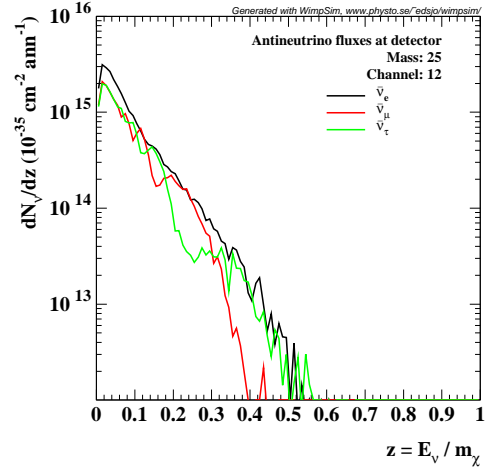
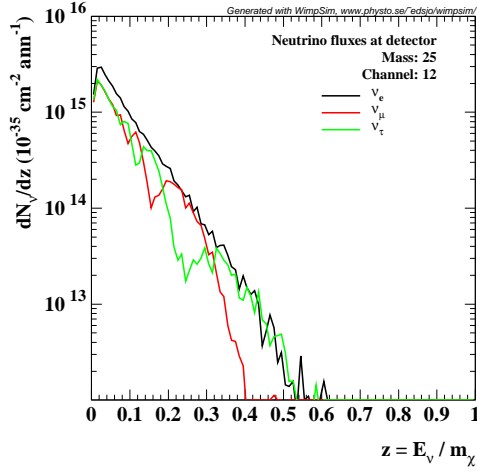
### 2.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



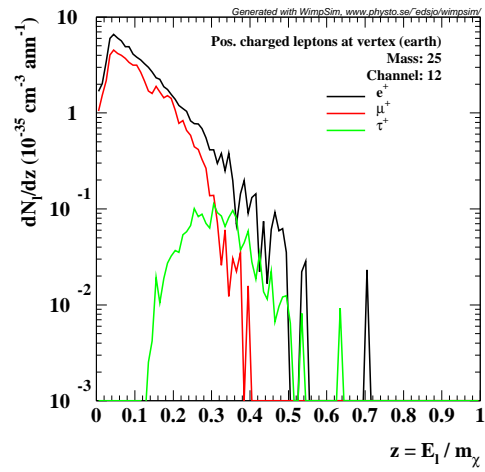
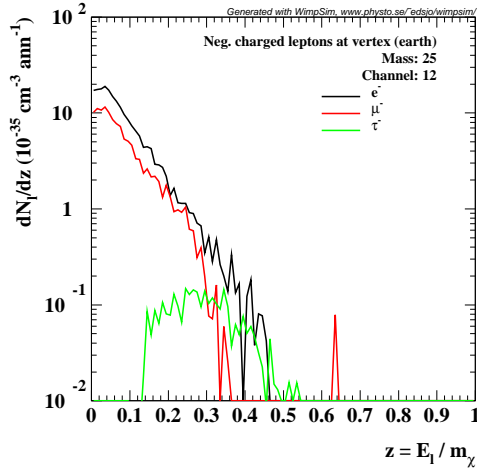
### 2.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



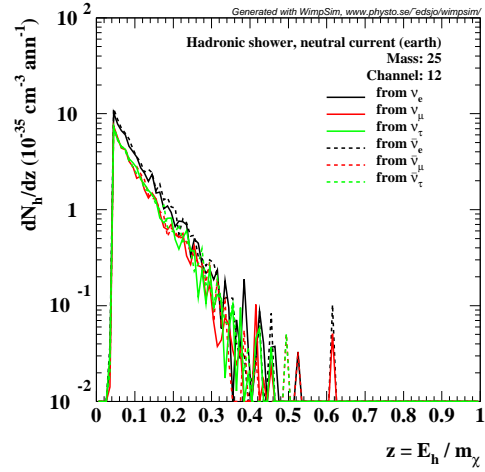
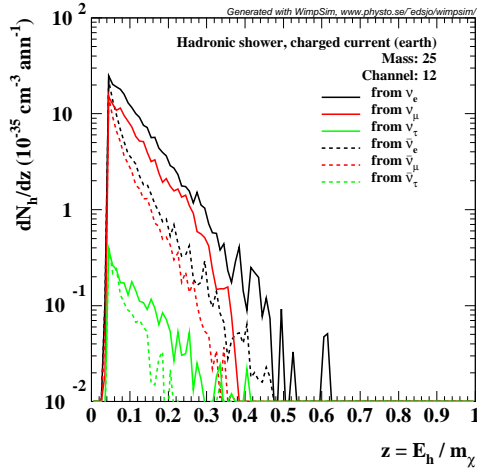
#### 2.4.4 Neutrino fluxes at detector (Earth)



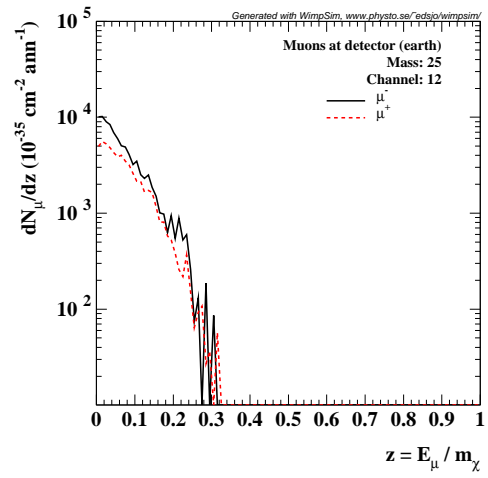
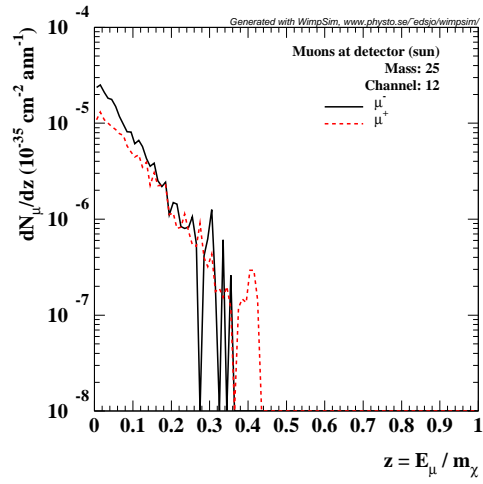
#### 2.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 2.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

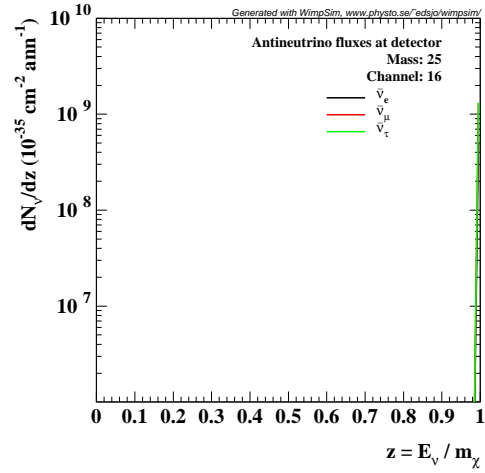
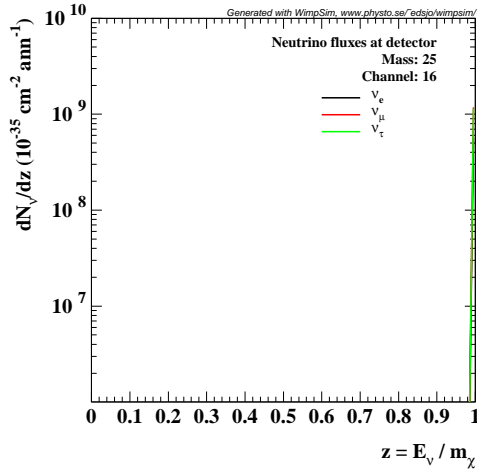


### 2.4.7 Muons at detector (Sun/Earth)

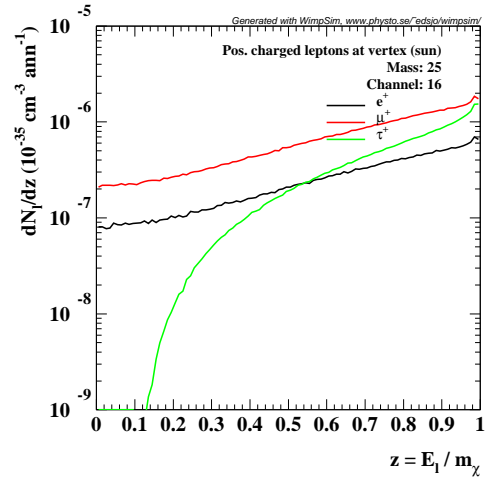
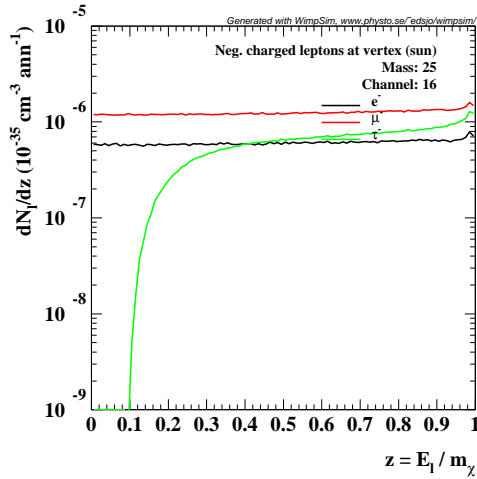


## 2.5 Channel 16 – $\nu_e \bar{\nu}_e$

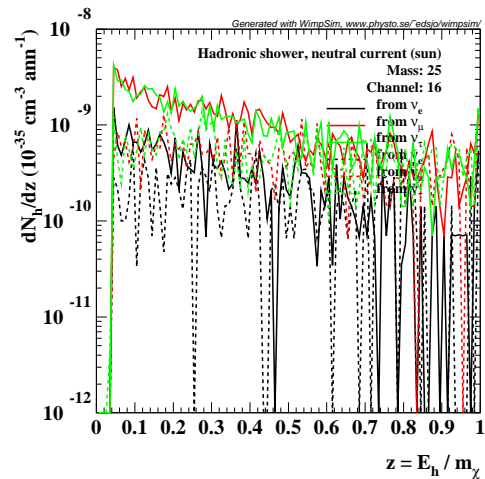
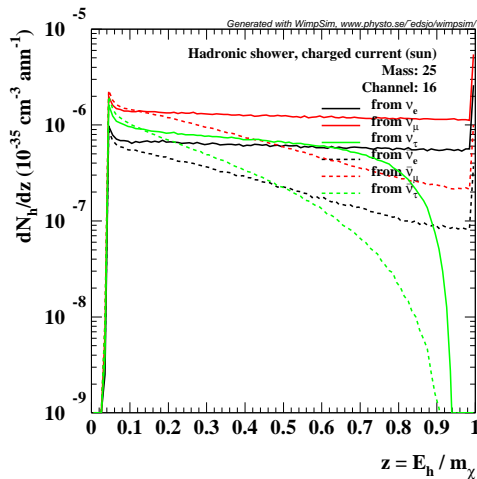
### 2.5.1 Neutrino fluxes at detector (Sun)



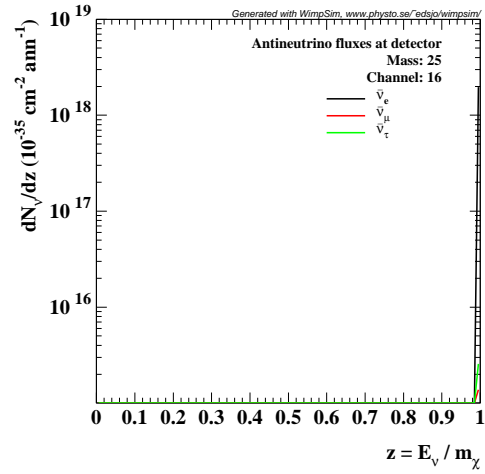
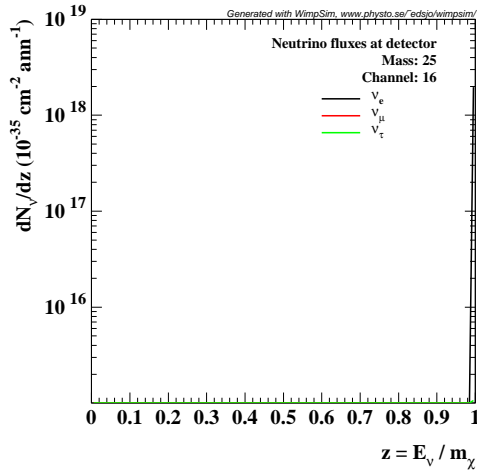
### 2.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



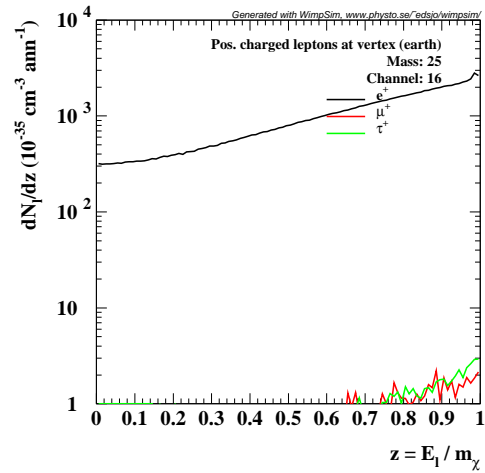
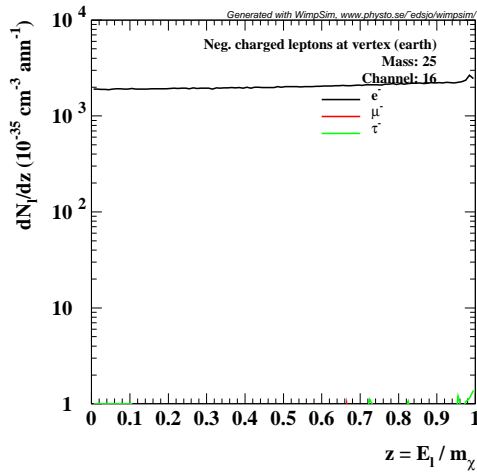
### 2.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



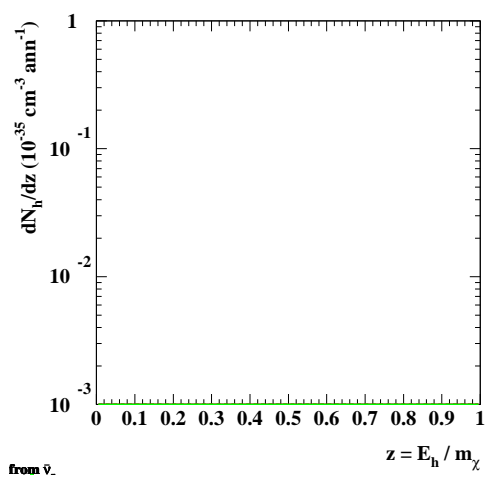
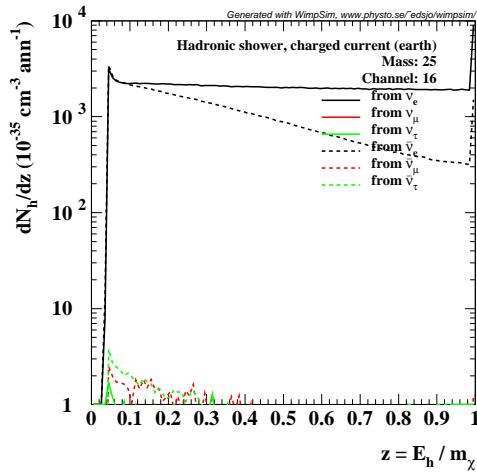
## 2.5.4 Neutrino fluxes at detector (Earth)



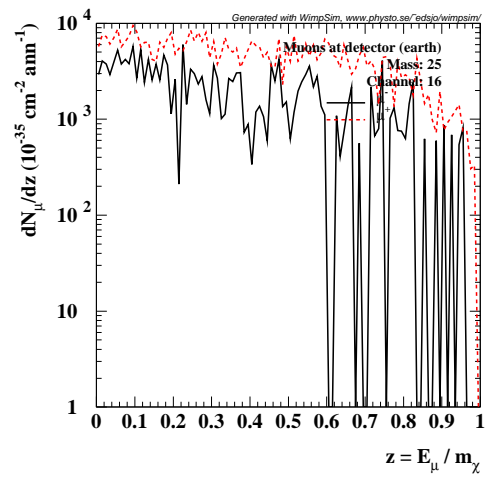
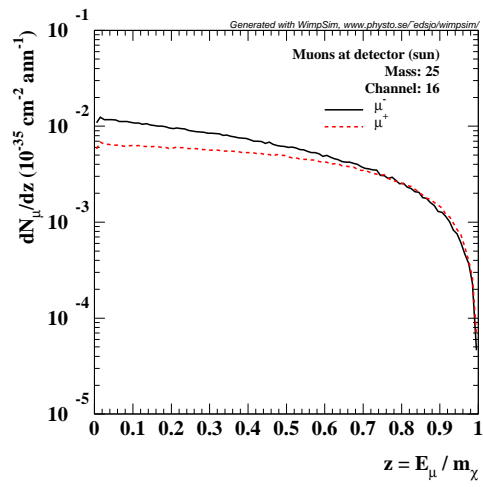
## 2.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



## 2.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

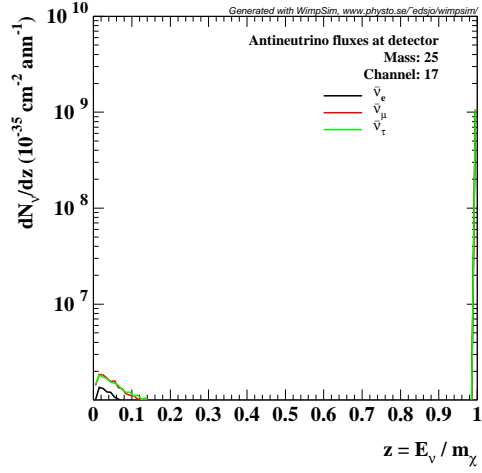
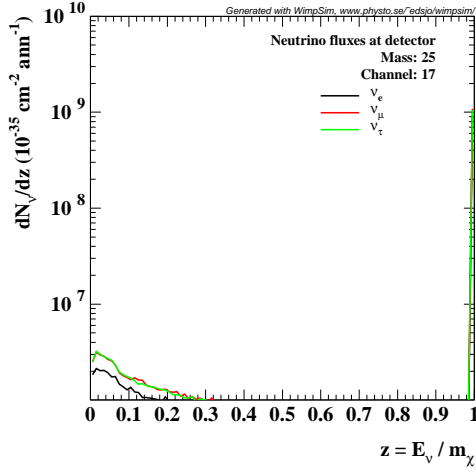


## 2.5.7 Muons at detector (Sun/Earth)

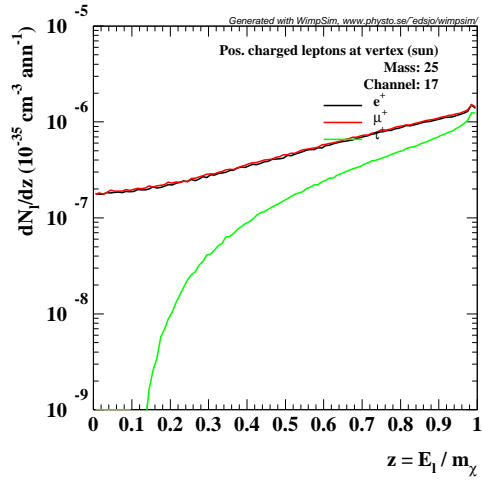
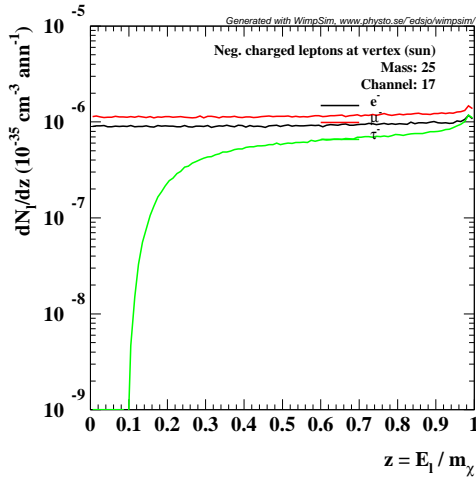


## 2.6 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

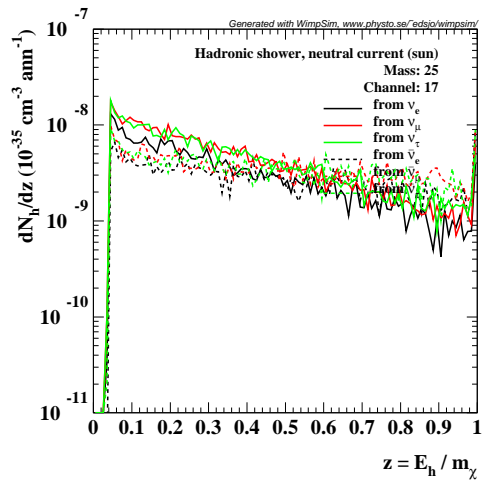
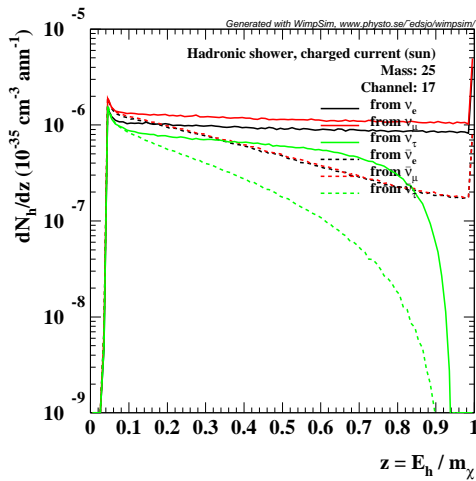
### 2.6.1 Neutrino fluxes at detector (Sun)



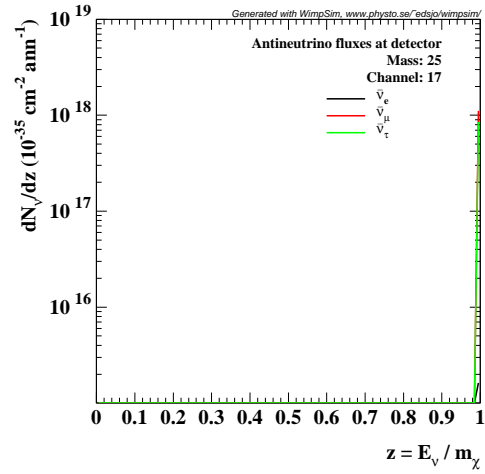
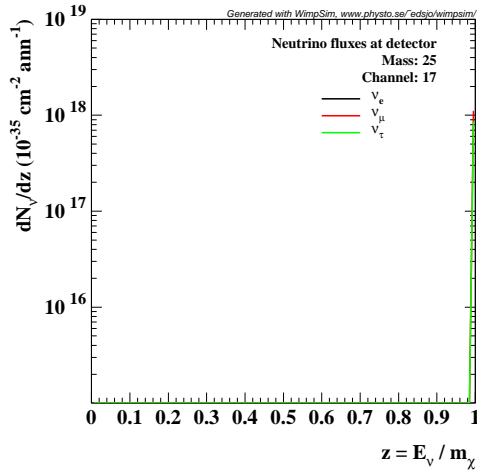
### 2.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



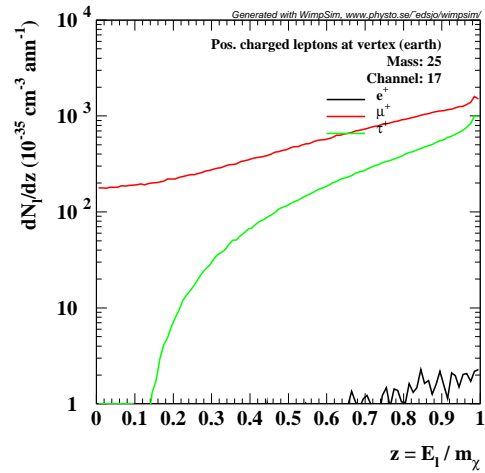
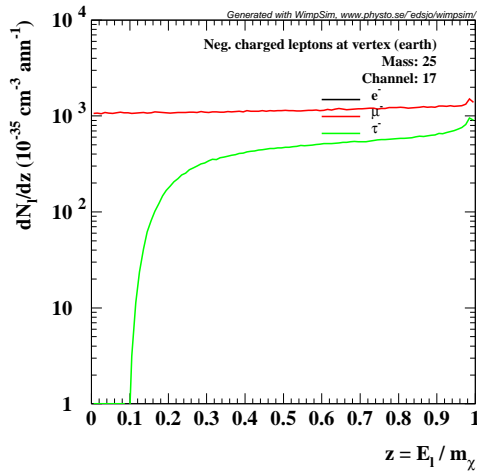
### 2.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



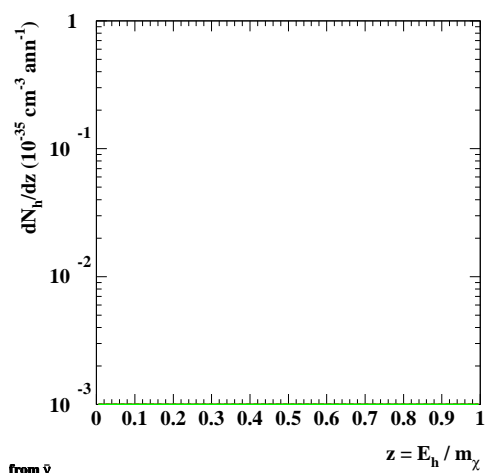
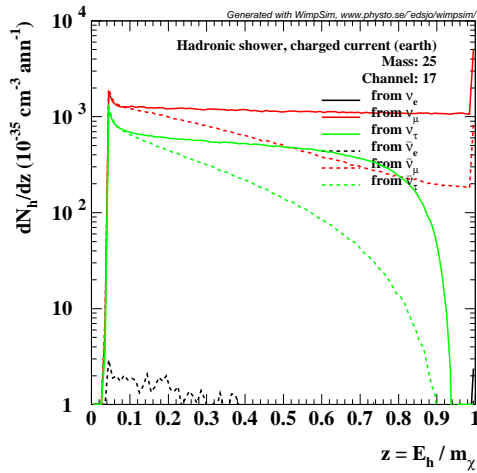
### 2.6.4 Neutrino fluxes at detector (Earth)



### 2.6.5 Charged leptons at neutrino-nucleon vertex (Earth)

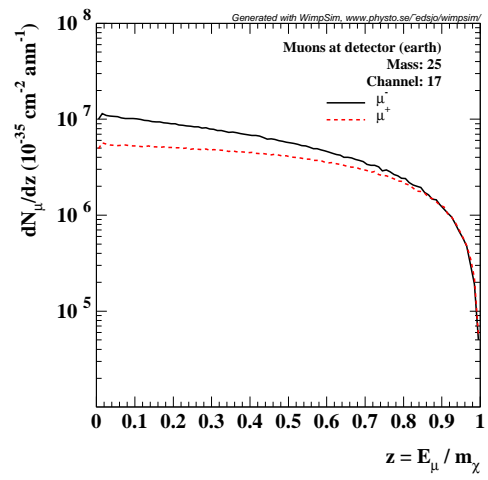
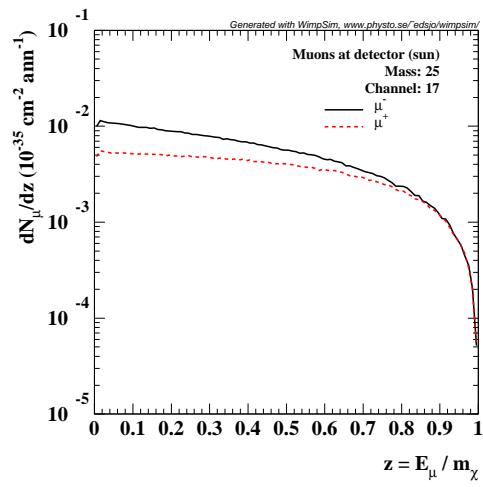


### 2.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)



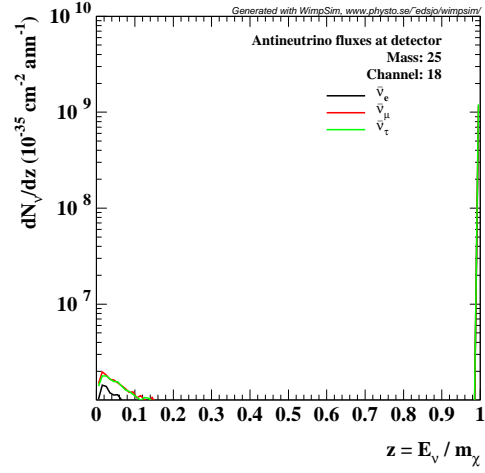
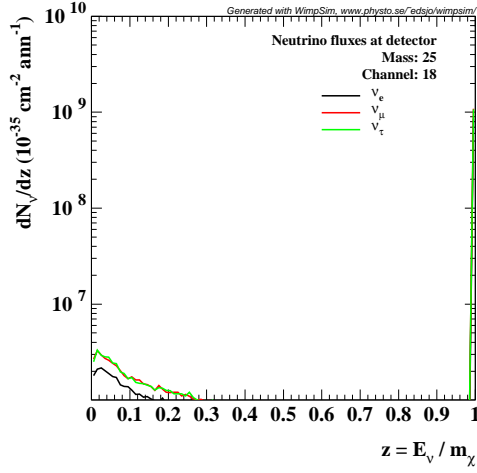


## 2.6.7 Muons at detector (Sun/Earth)

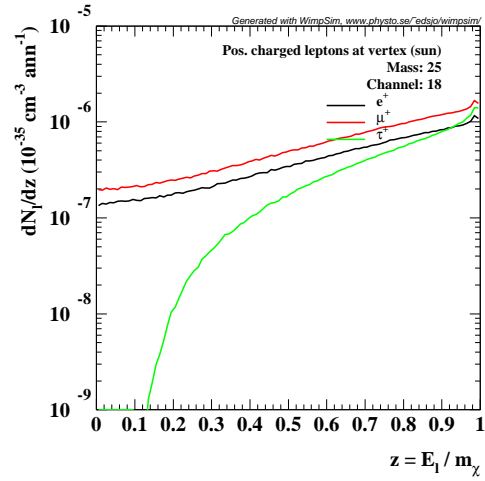
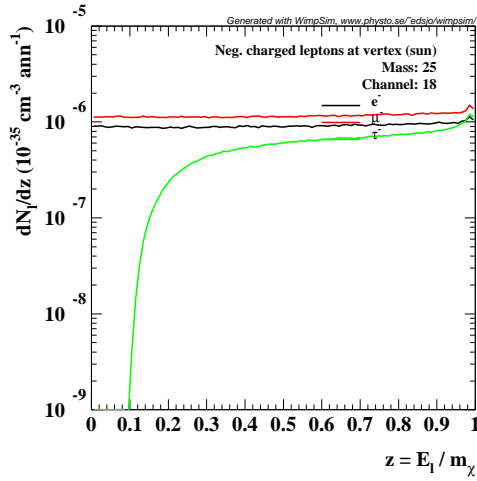


## 2.7 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

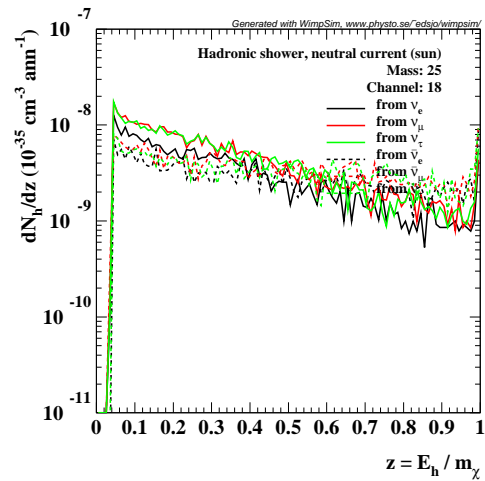
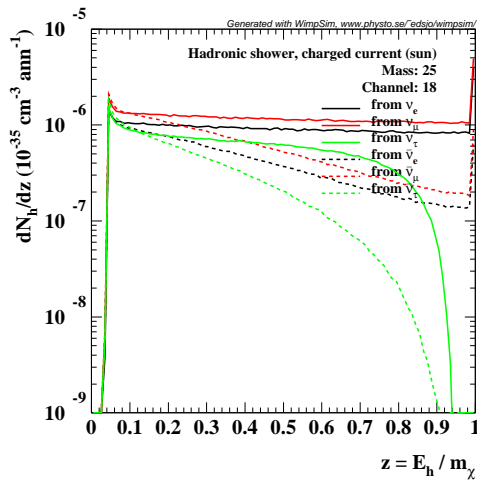
### 2.7.1 Neutrino fluxes at detector (Sun)



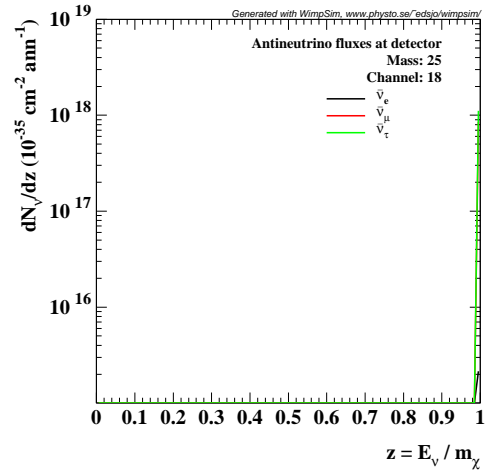
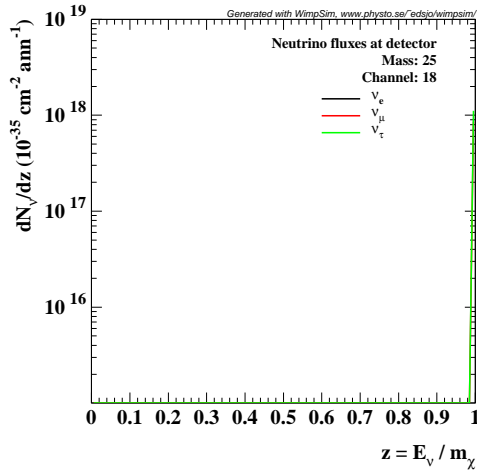
### 2.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



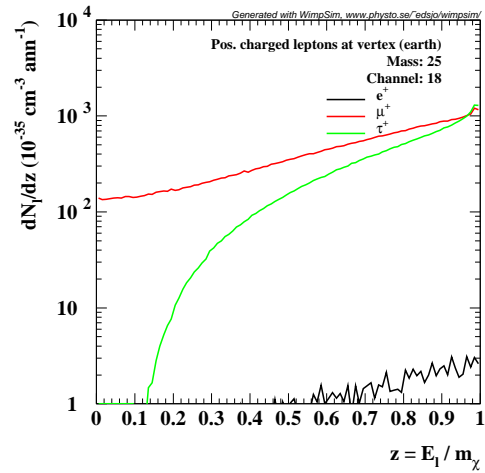
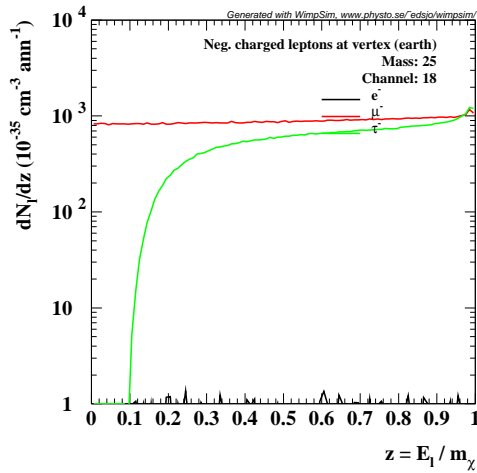
### 2.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



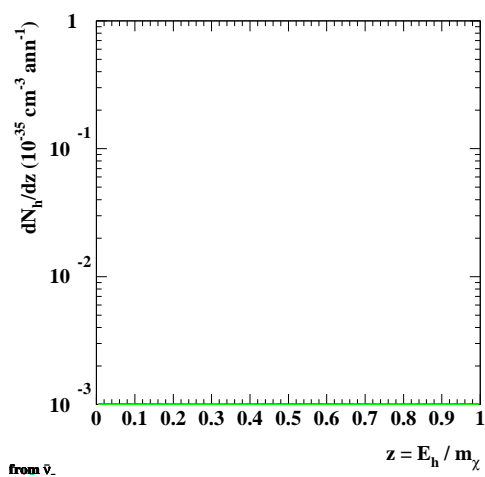
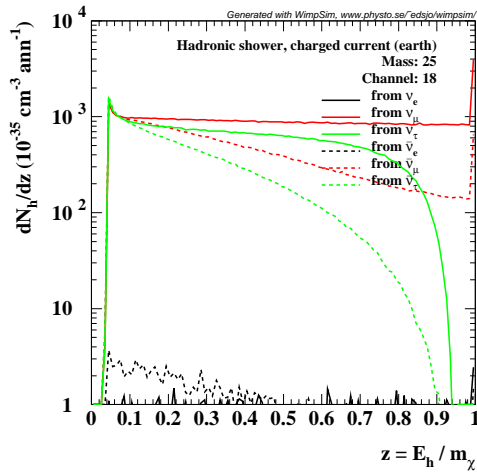
### 2.7.4 Neutrino fluxes at detector (Earth)



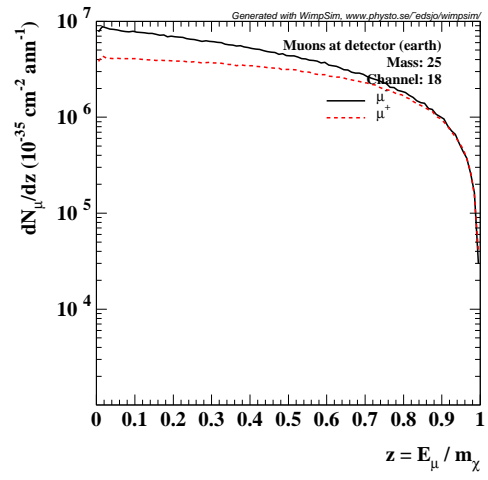
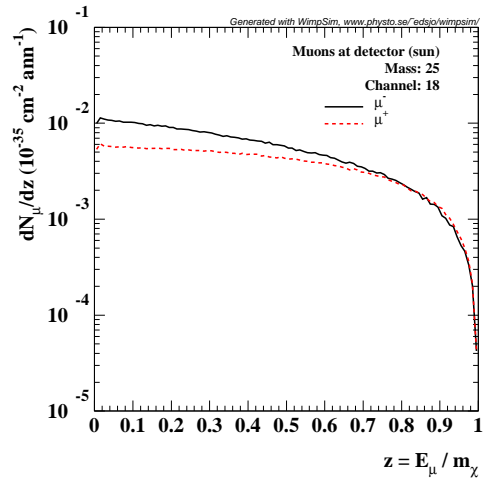
### 2.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 2.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)



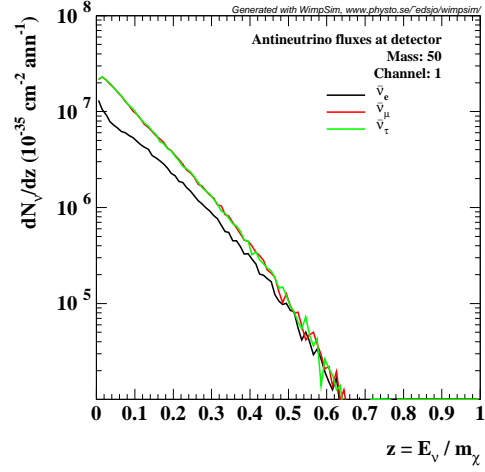
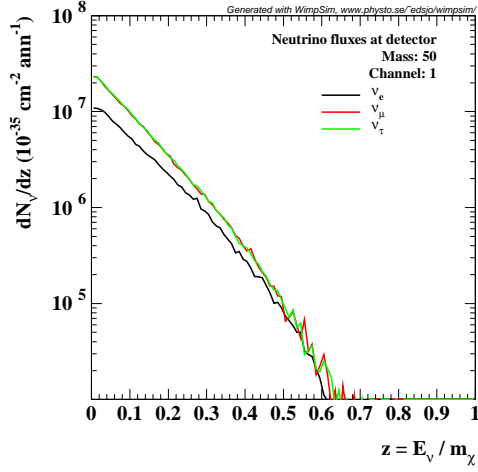
### 2.7.7 Muons at detector (Sun/Earth)



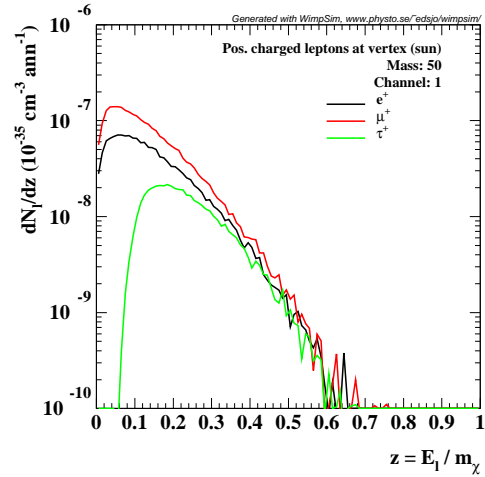
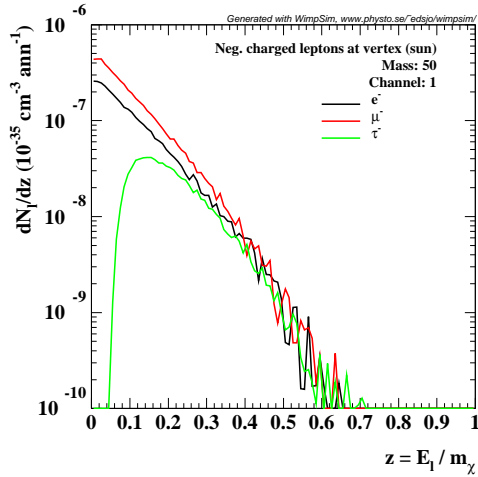
### 3 Mass 50

#### 3.1 Channel 1 – $c\bar{c}$

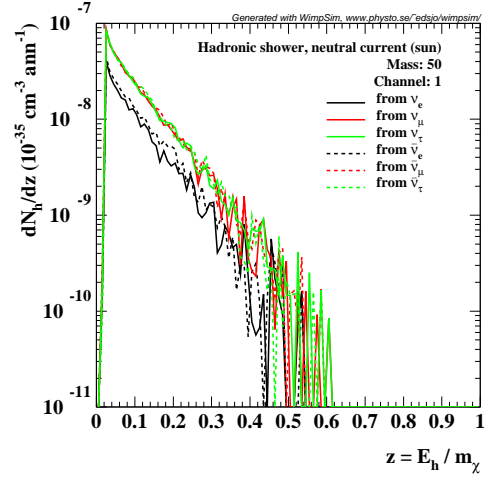
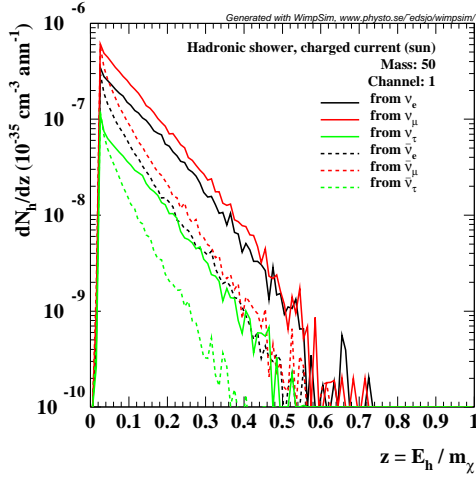
##### 3.1.1 Neutrino fluxes at detector (Sun)



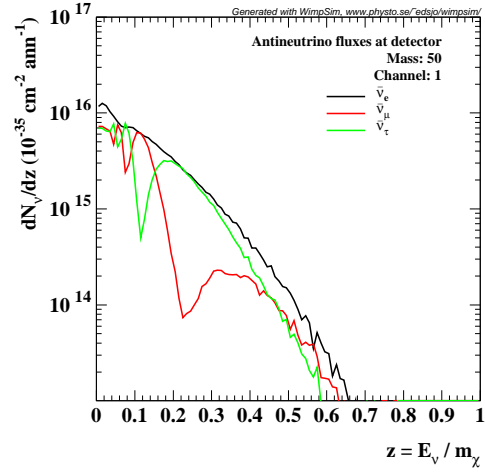
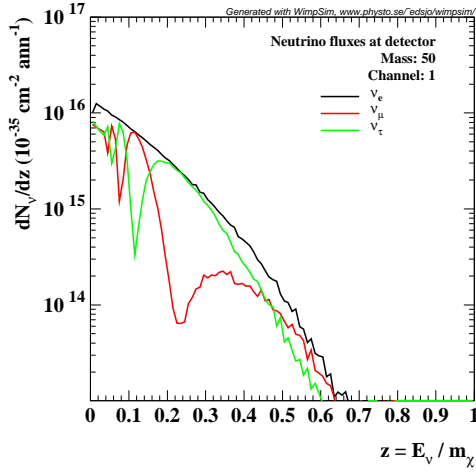
##### 3.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



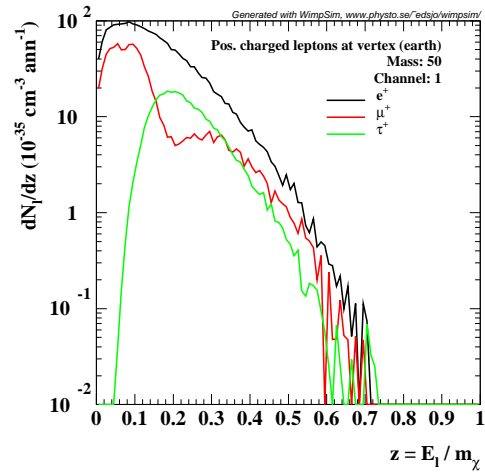
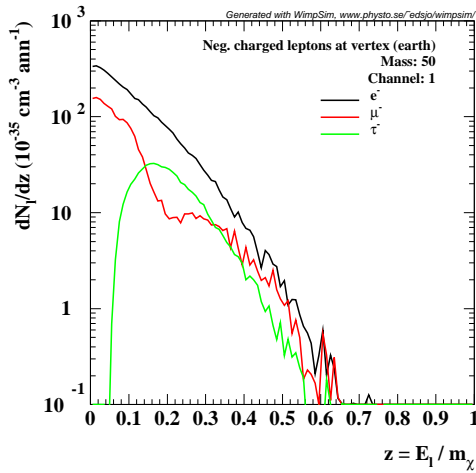
### 3.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



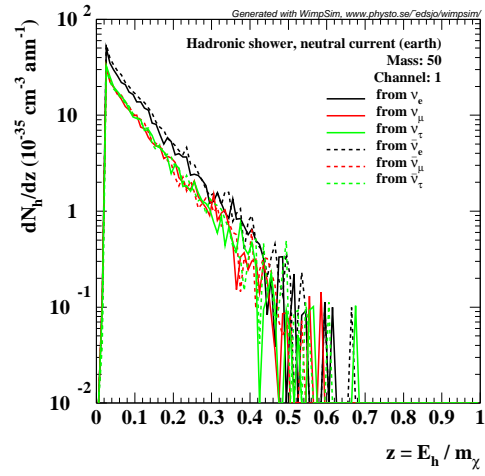
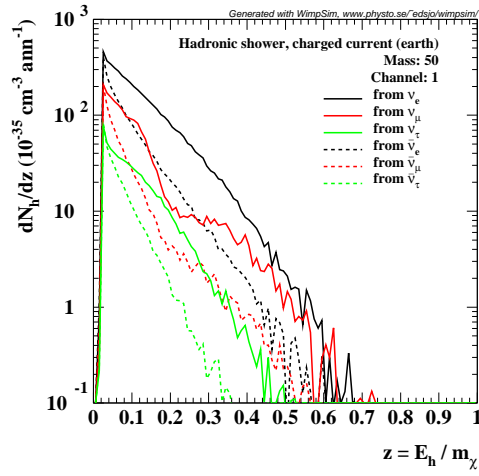
### 3.1.4 Neutrino fluxes at detector (Earth)



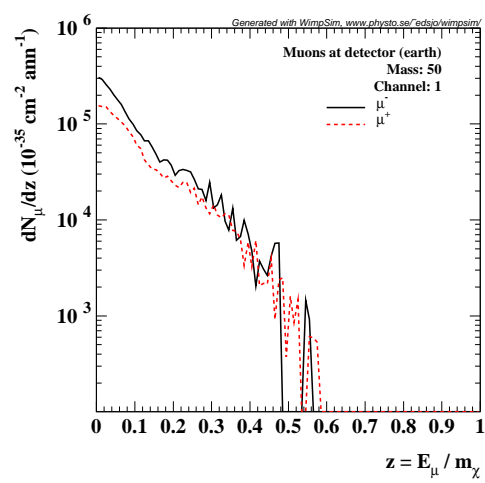
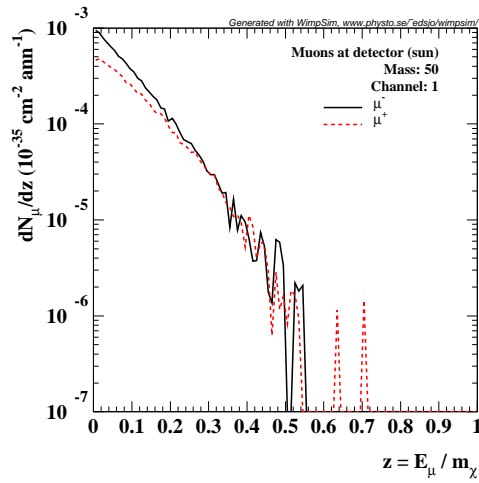
### 3.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 3.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

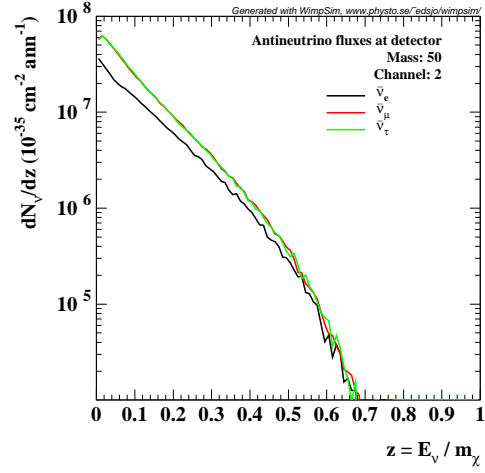
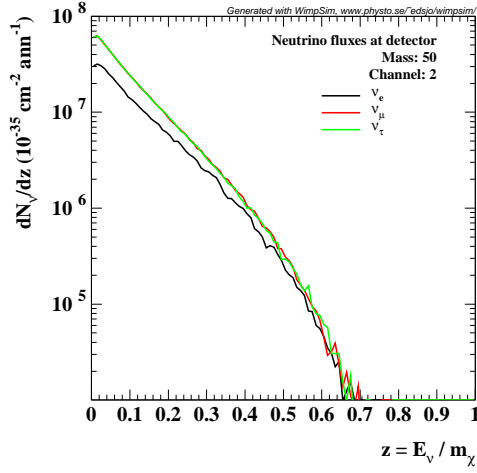


### 3.1.7 Muons at detector (Sun/Earth)

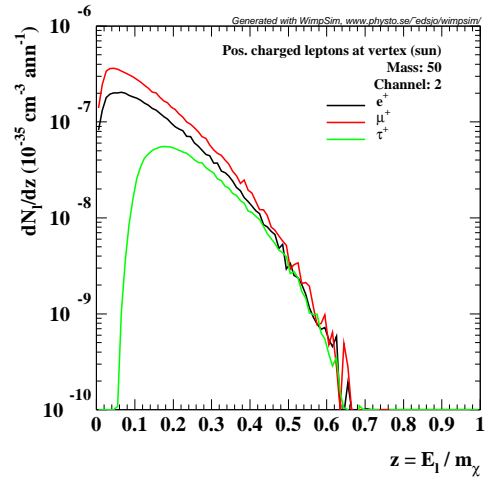
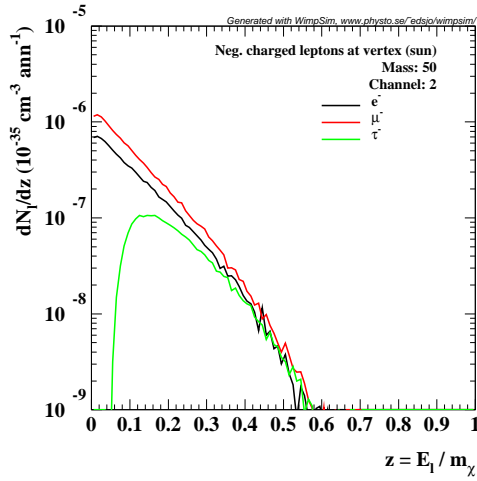


## 3.2 Channel 2 – $b\bar{b}$

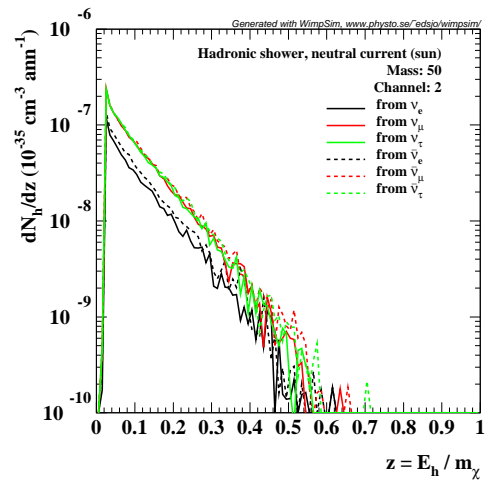
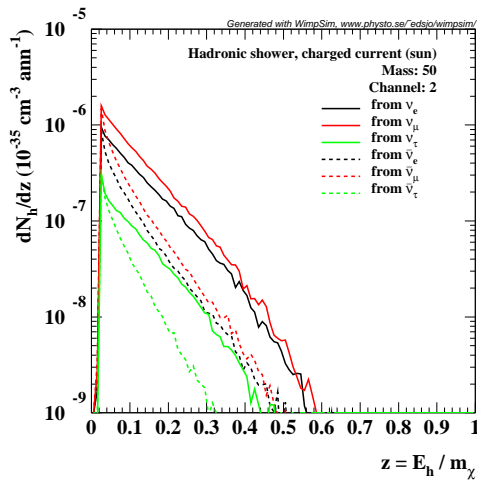
### 3.2.1 Neutrino fluxes at detector (Sun)



### 3.2.2 Charged leptons at neutrino-nucleon vertex (Sun)

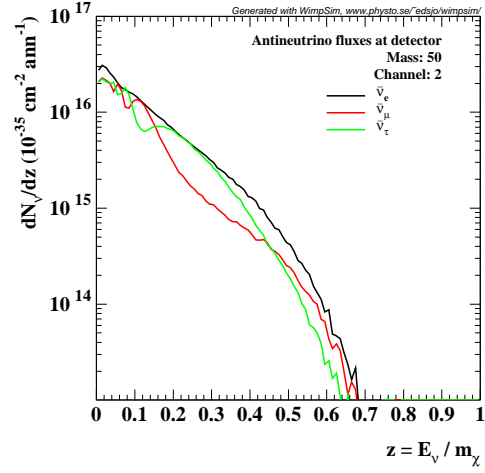
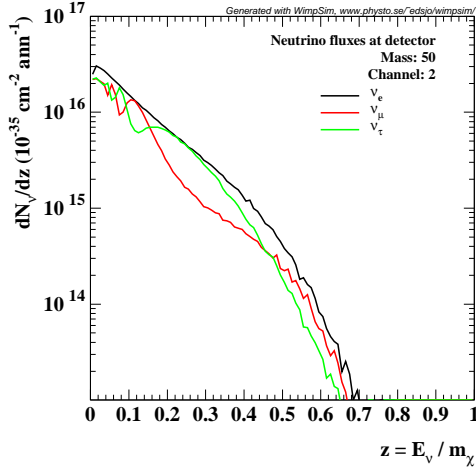


### 3.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)

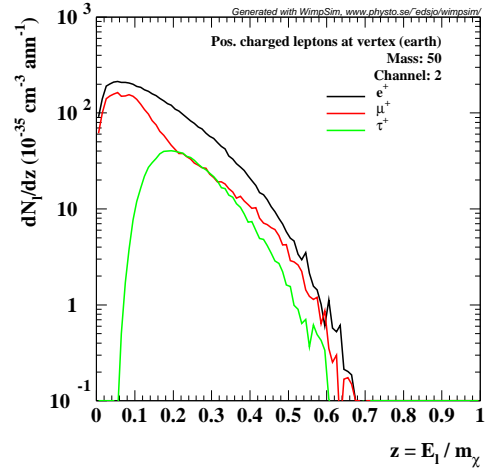
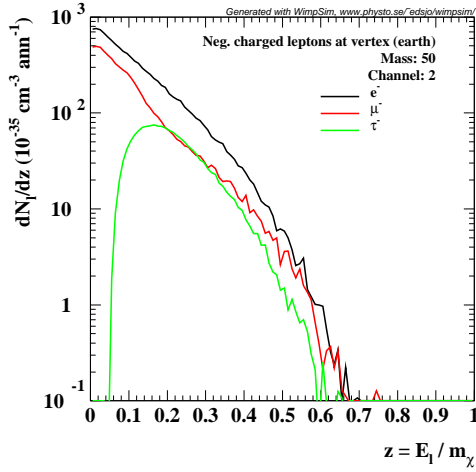




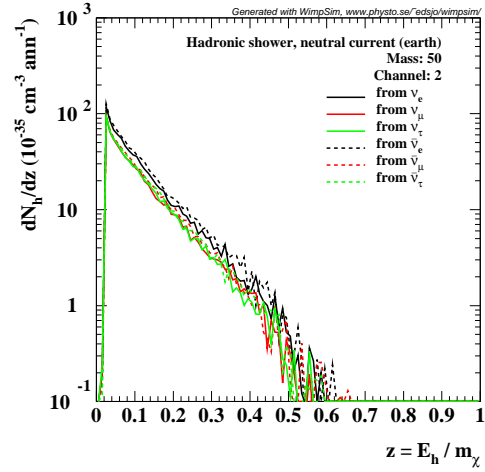
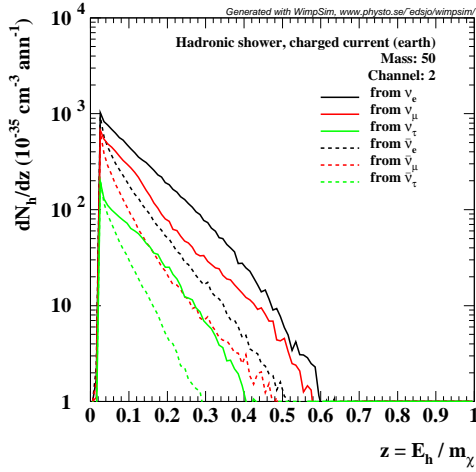
### 3.2.4 Neutrino fluxes at detector (Earth)



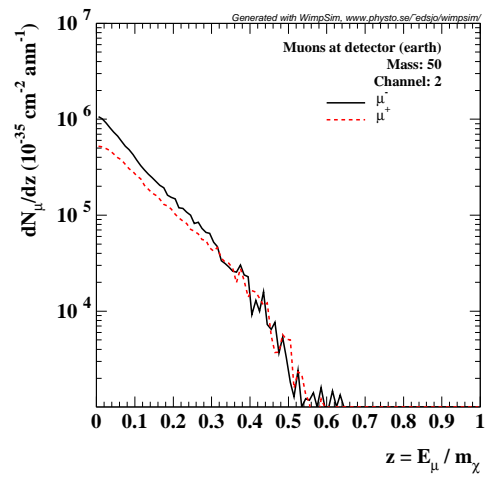
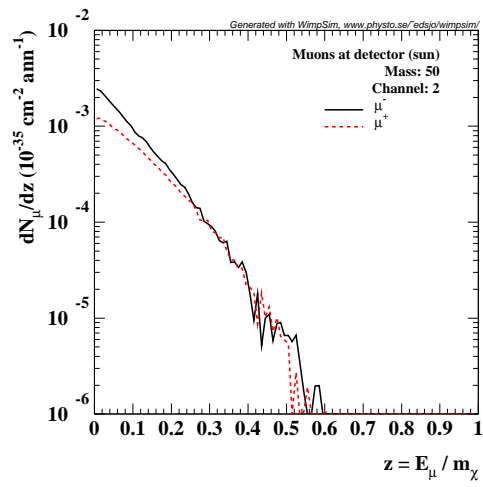
### 3.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 3.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

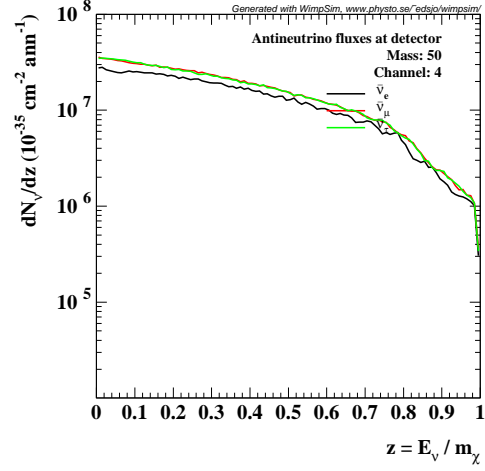
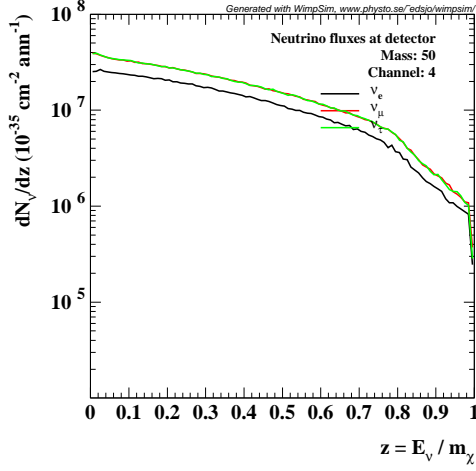


### 3.2.7 Muons at detector (Sun/Earth)

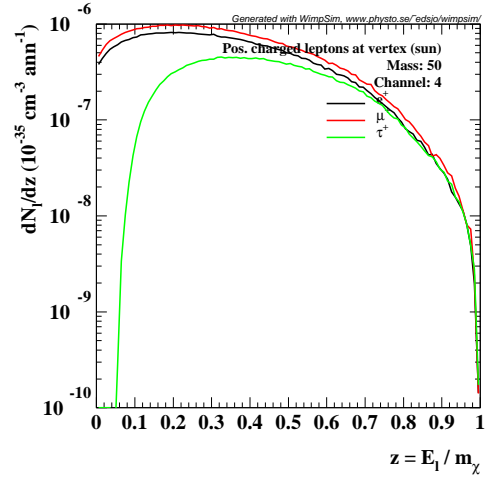
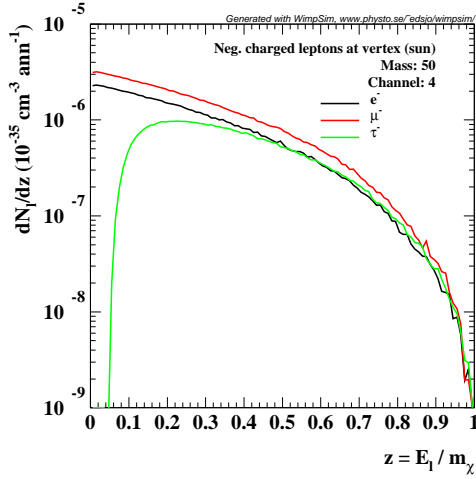


### 3.3 Channel 4 – $\tau^- \tau^+$

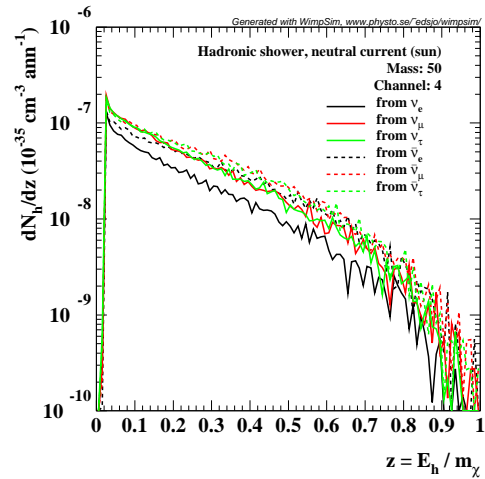
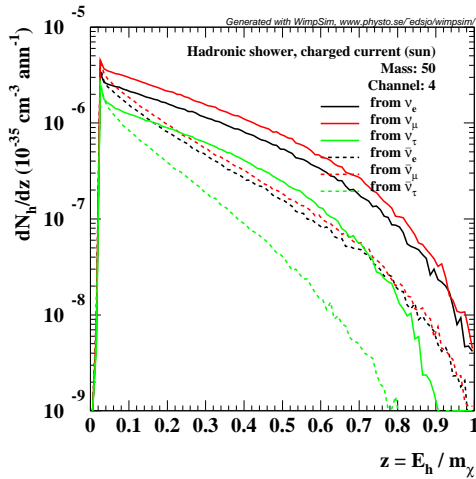
#### 3.3.1 Neutrino fluxes at detector (Sun)



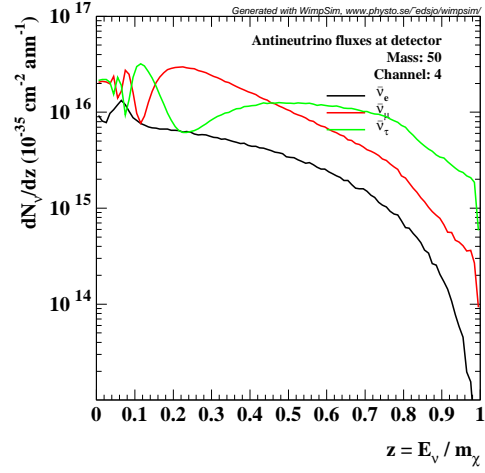
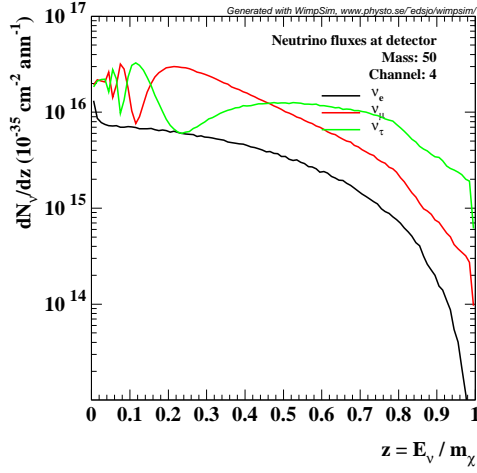
#### 3.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



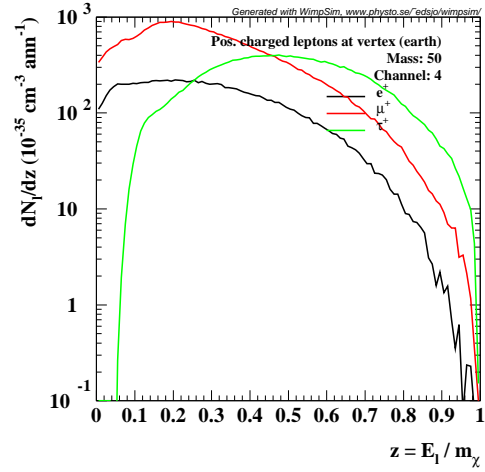
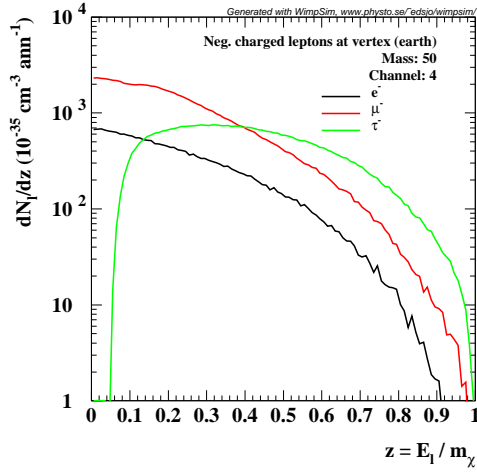
#### 3.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



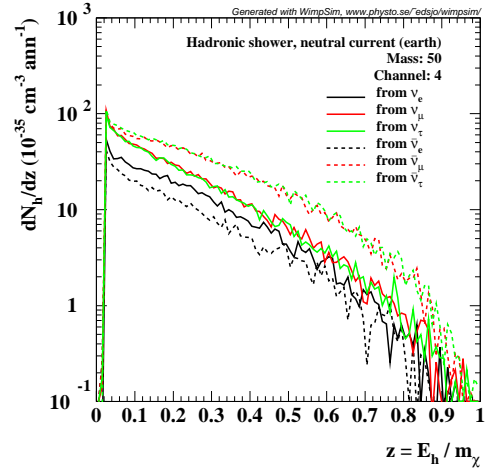
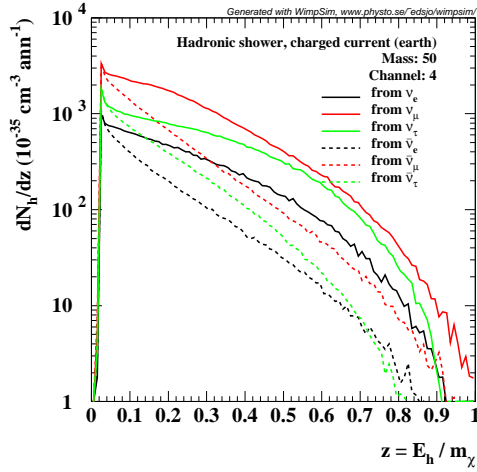
### 3.3.4 Neutrino fluxes at detector (Earth)



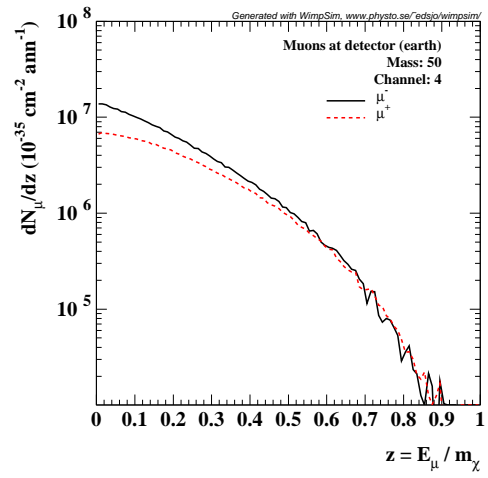
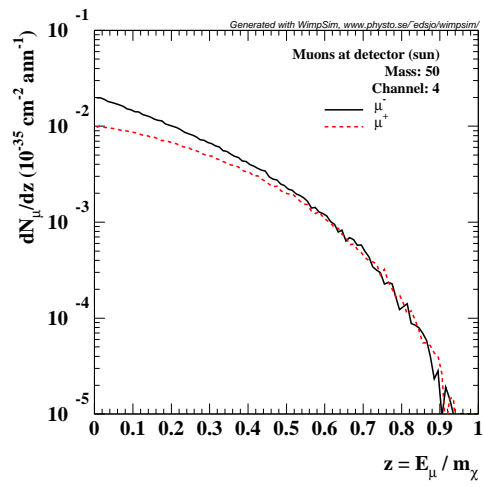
### 3.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 3.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

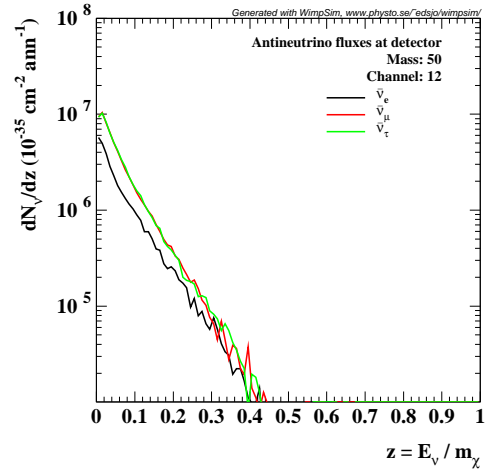
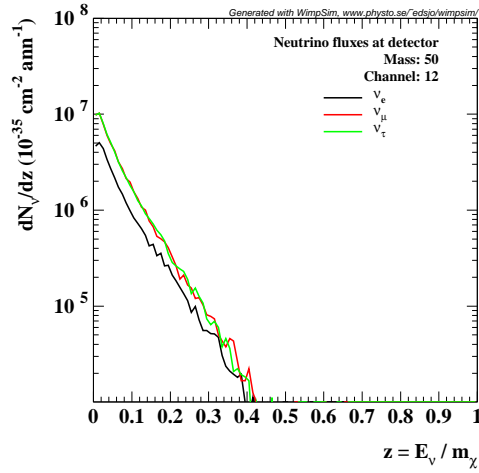


### 3.3.7 Muons at detector (Sun/Earth)

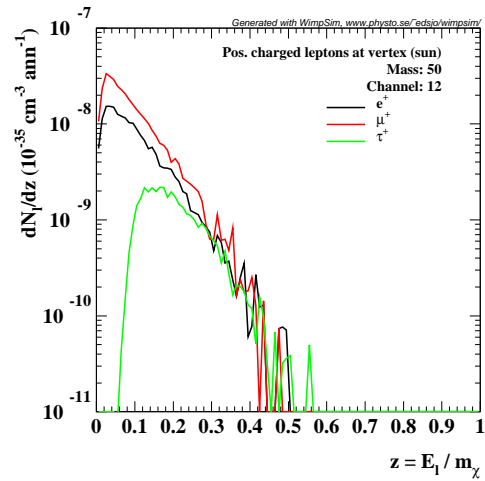
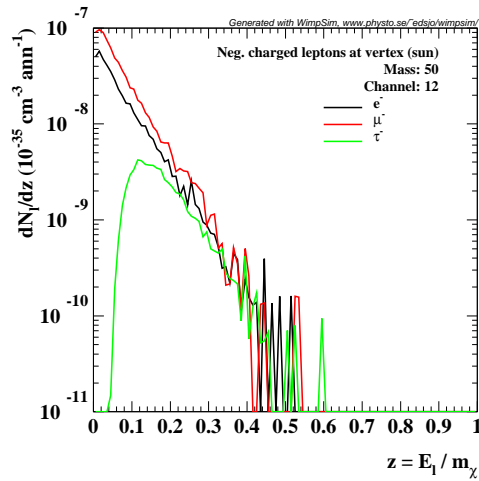


### 3.4 Channel 12 – $gg$

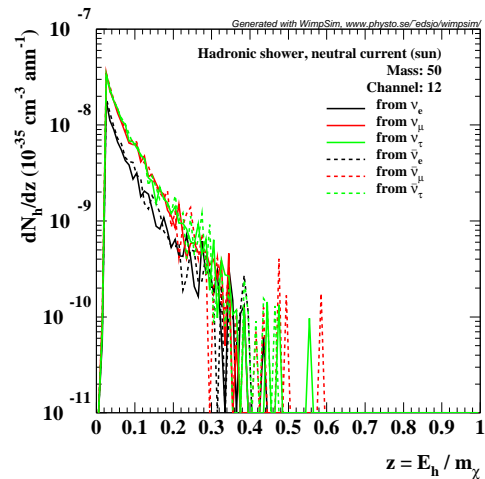
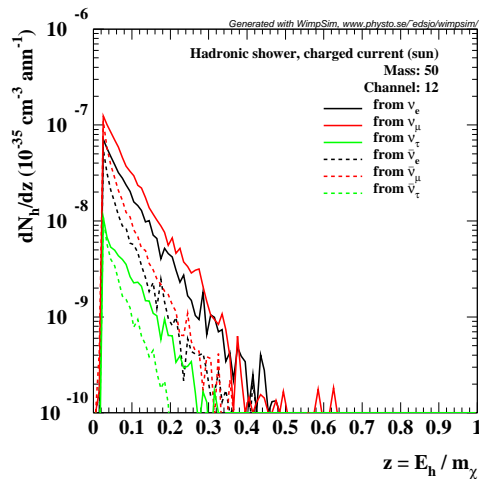
#### 3.4.1 Neutrino fluxes at detector (Sun)



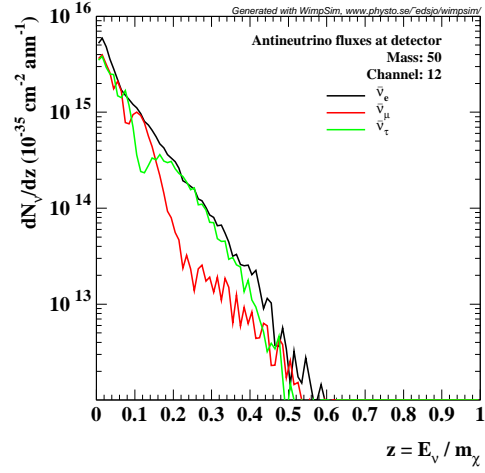
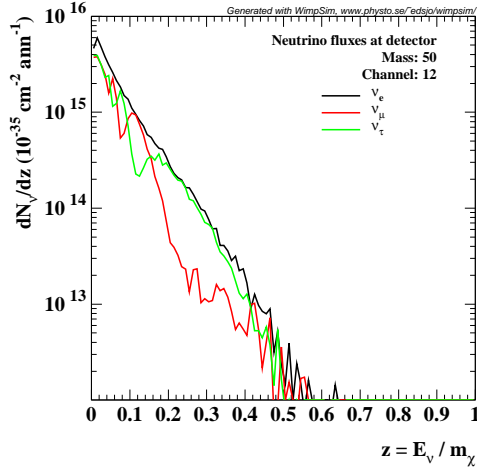
#### 3.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



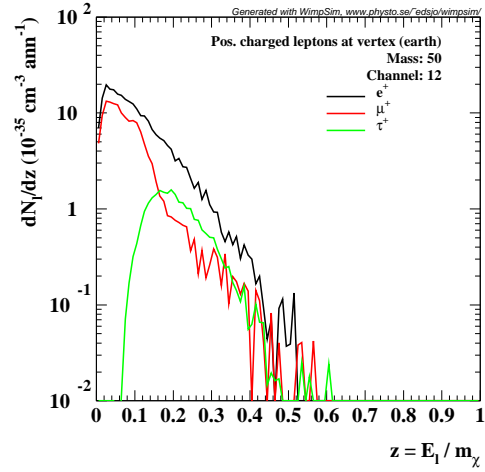
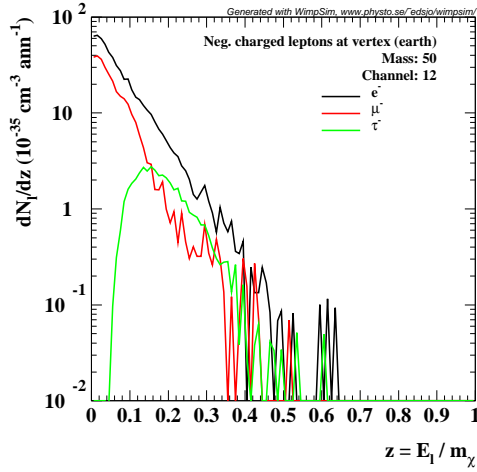
#### 3.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



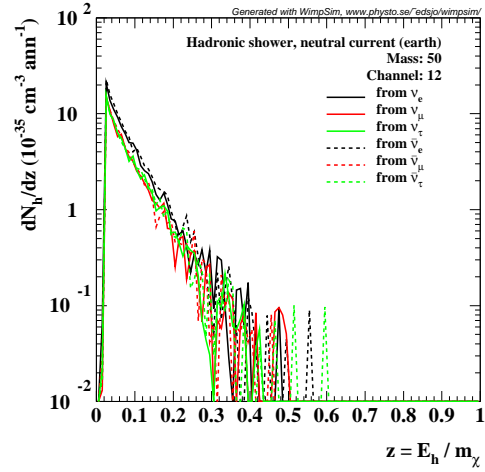
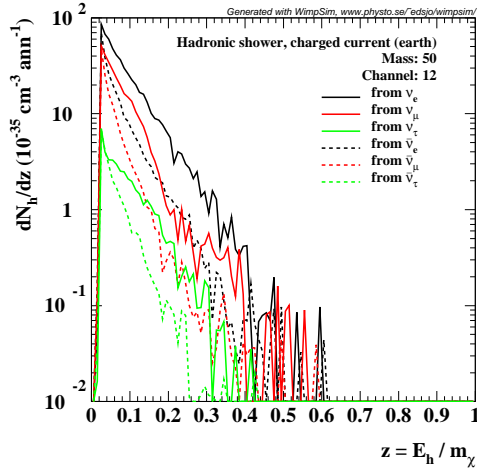
### 3.4.4 Neutrino fluxes at detector (Earth)



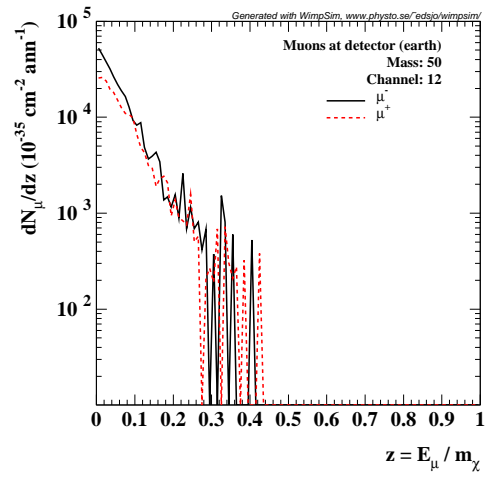
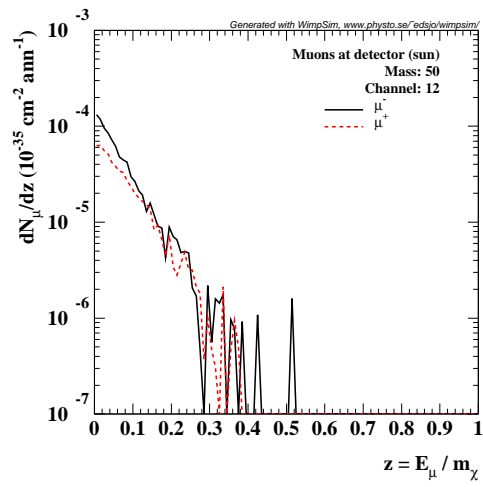
### 3.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 3.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)



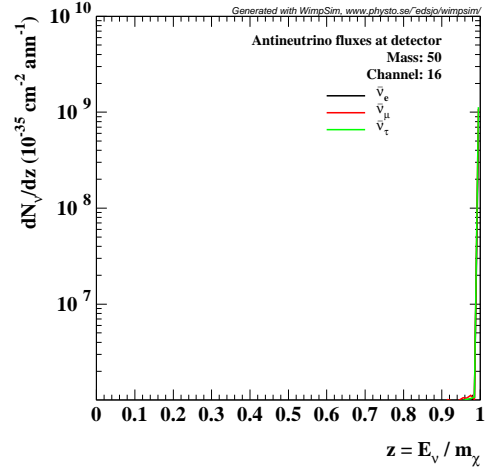
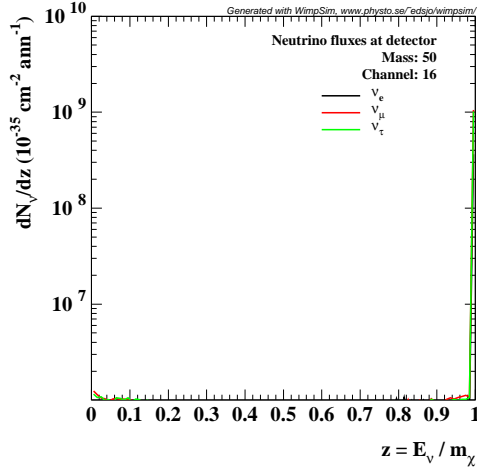
### 3.4.7 Muons at detector (Sun/Earth)



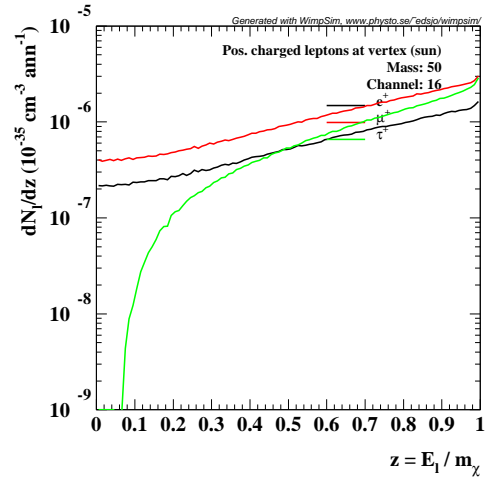
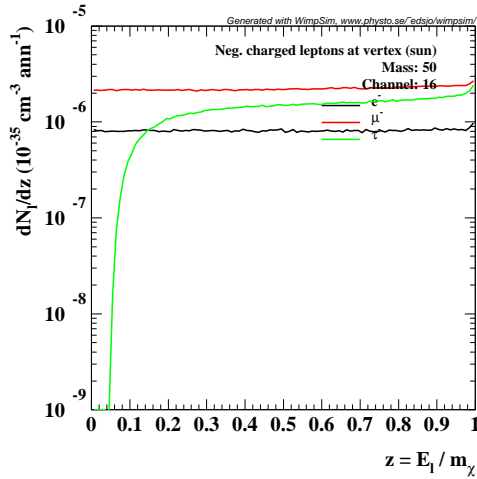


### 3.5 Channel 16 – $\nu_e \bar{\nu}_e$

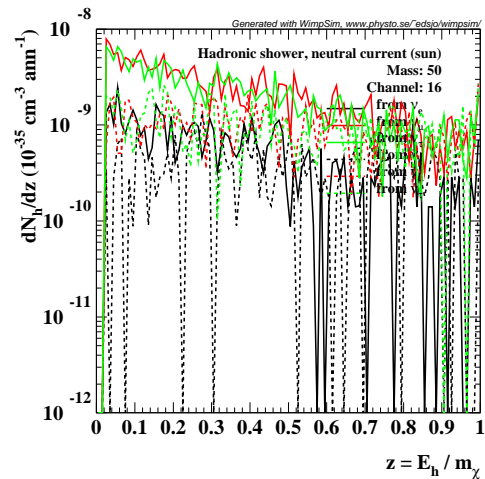
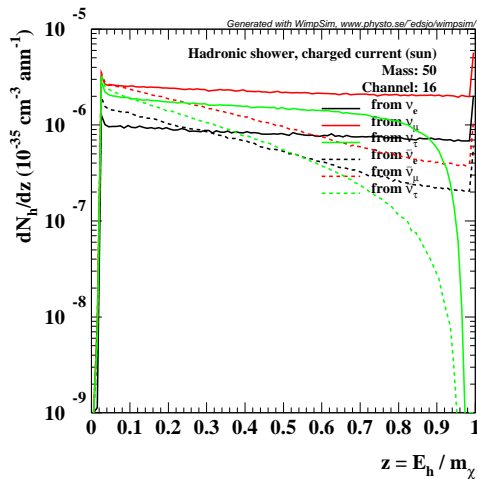
#### 3.5.1 Neutrino fluxes at detector (Sun)



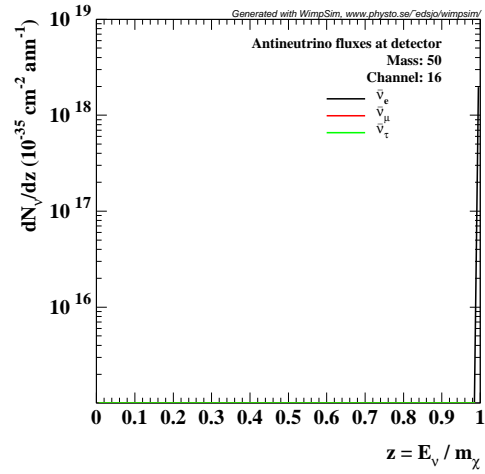
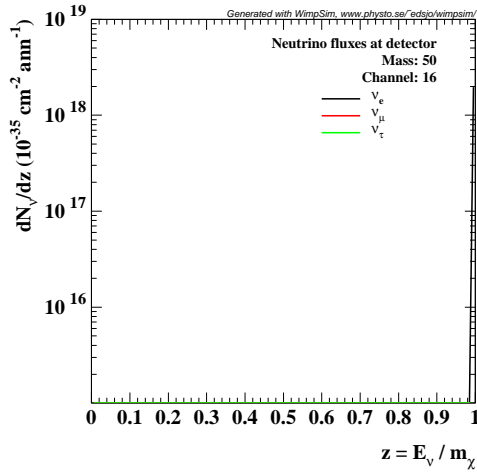
#### 3.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



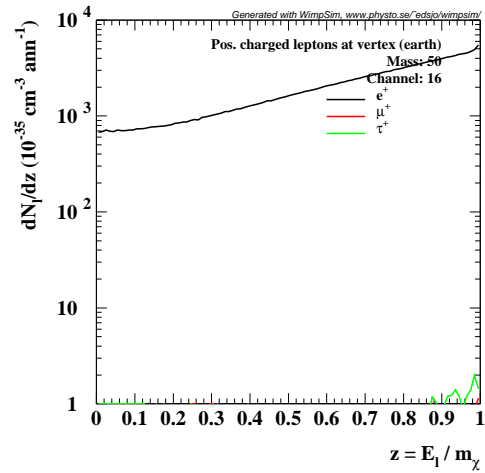
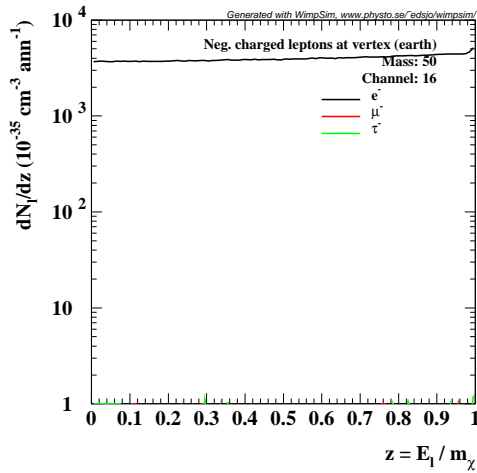
#### 3.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



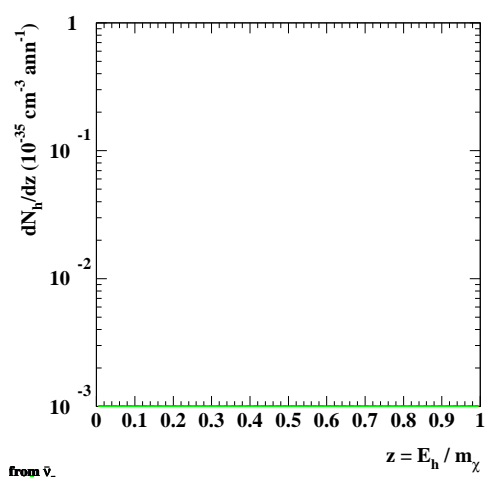
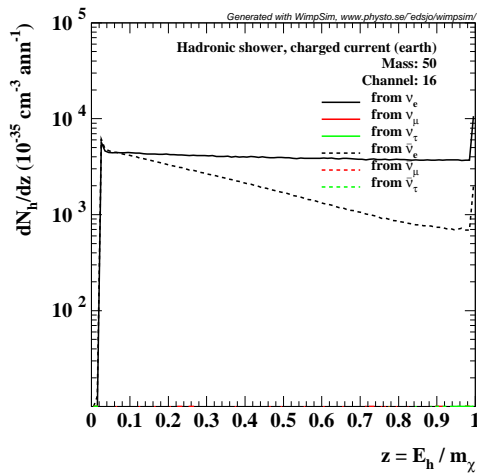
### 3.5.4 Neutrino fluxes at detector (Earth)



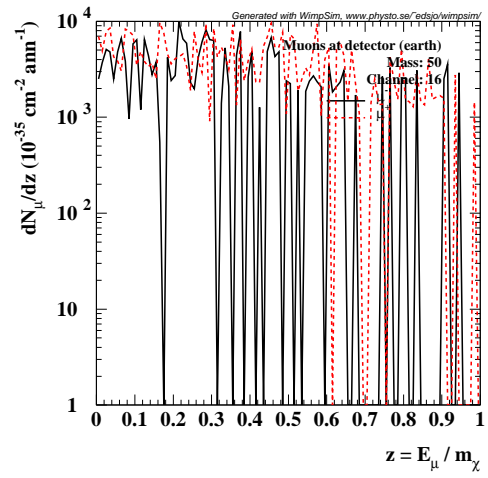
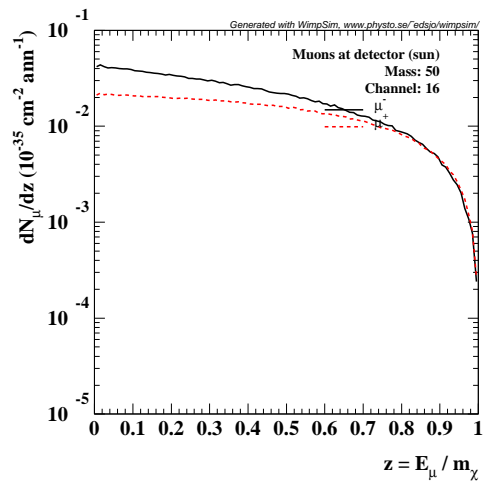
### 3.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 3.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

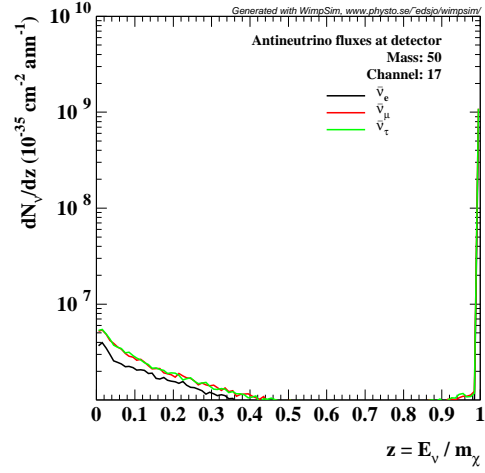
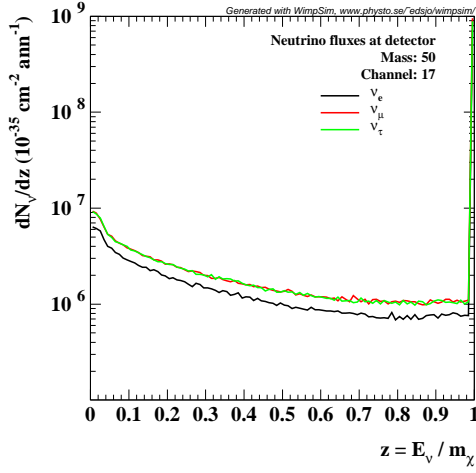


### 3.5.7 Muons at detector (Sun/Earth)

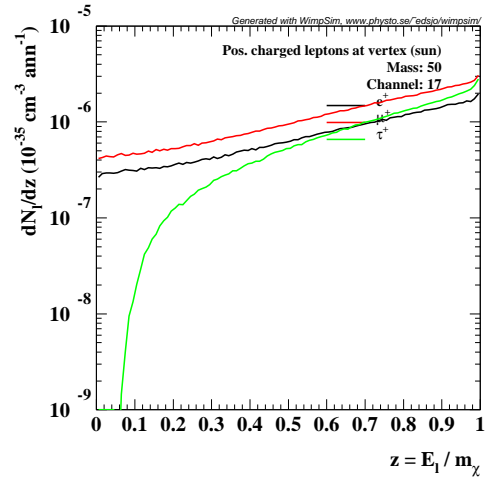
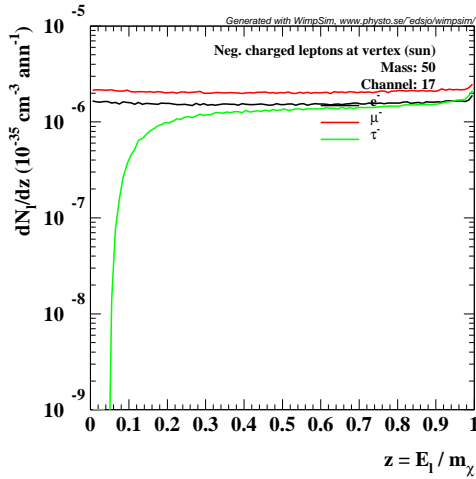


### 3.6 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

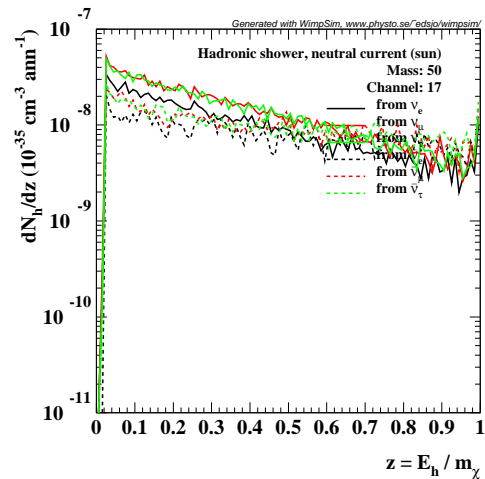
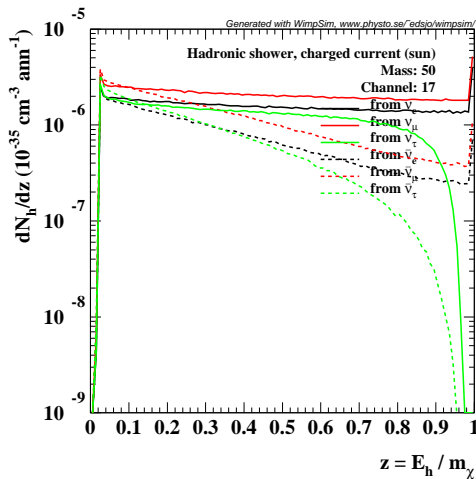
#### 3.6.1 Neutrino fluxes at detector (Sun)



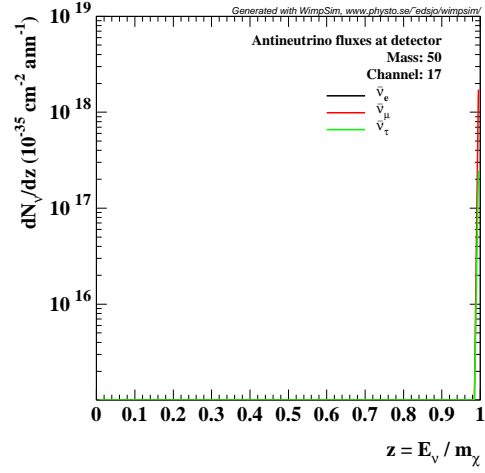
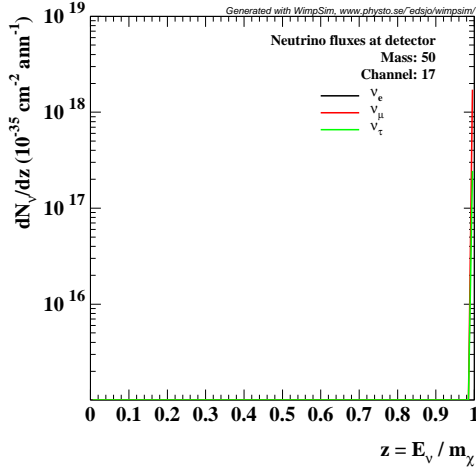
#### 3.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



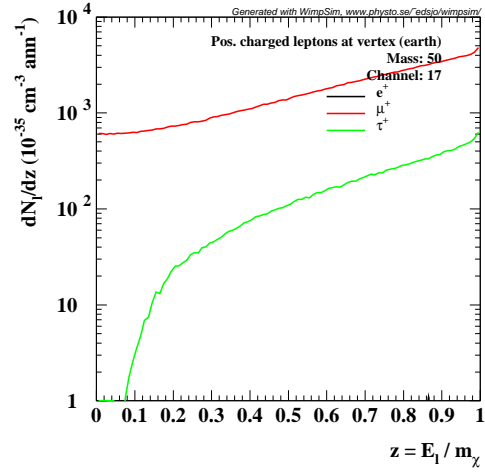
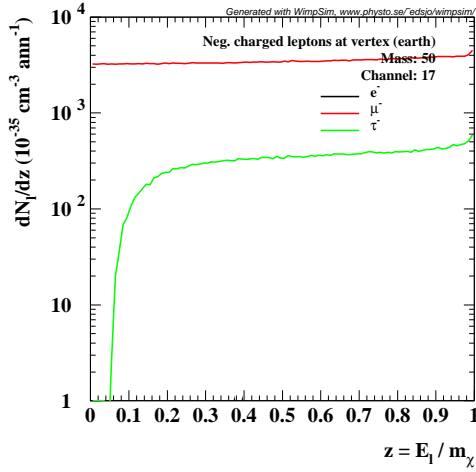
#### 3.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



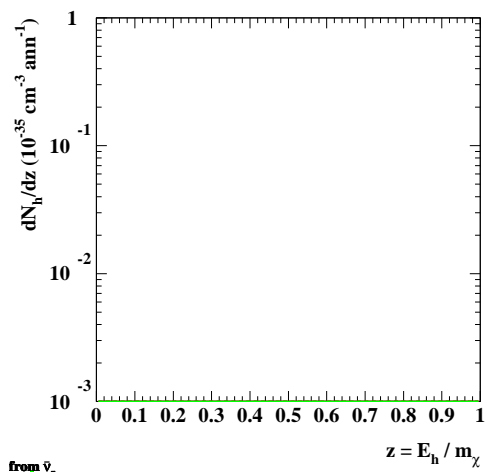
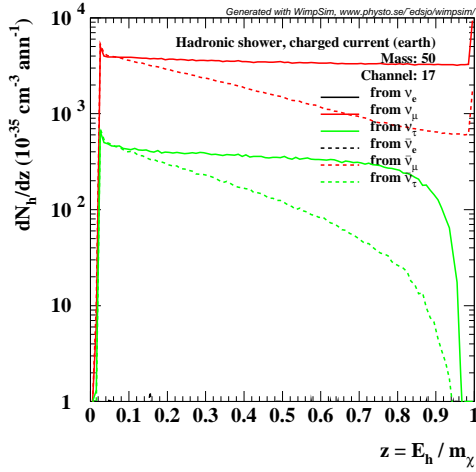
### 3.6.4 Neutrino fluxes at detector (Earth)



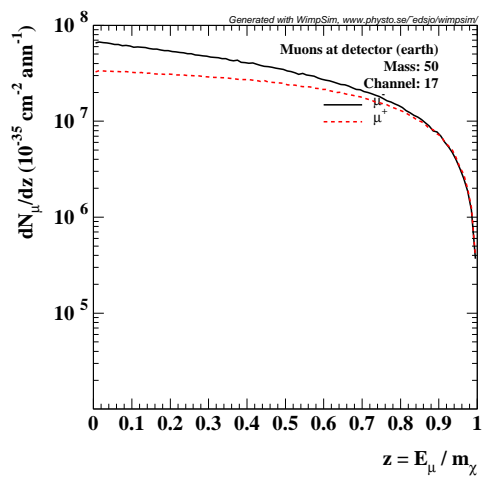
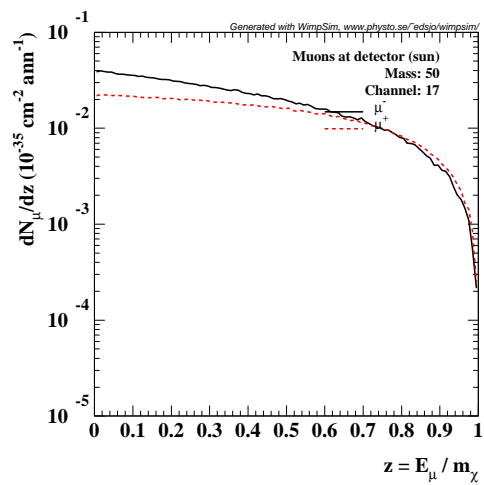
### 3.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 3.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

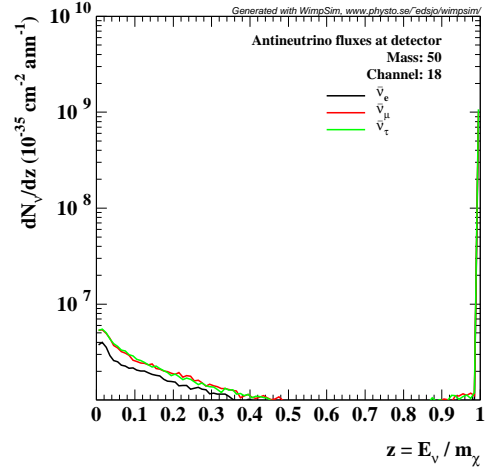
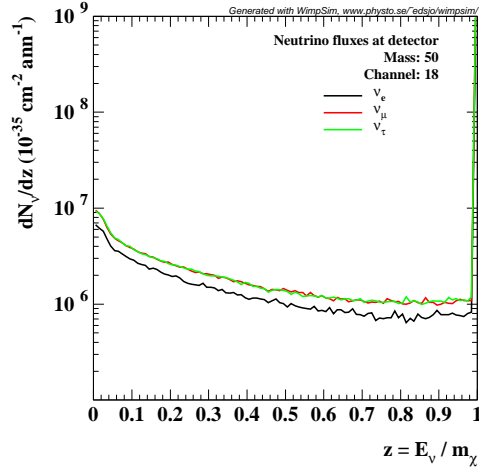


### 3.6.7 Muons at detector (Sun/Earth)

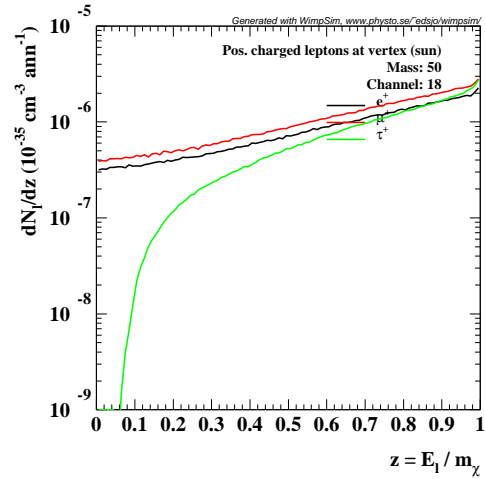
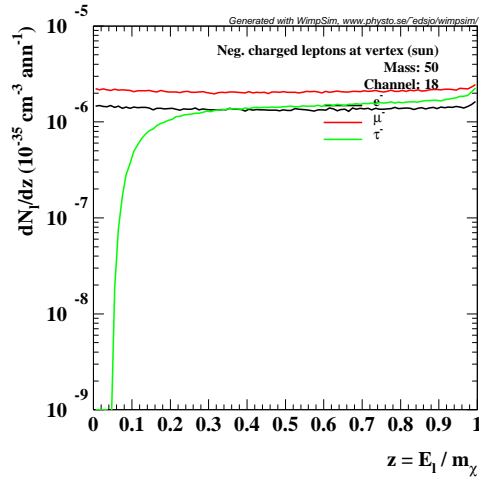


### 3.7 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

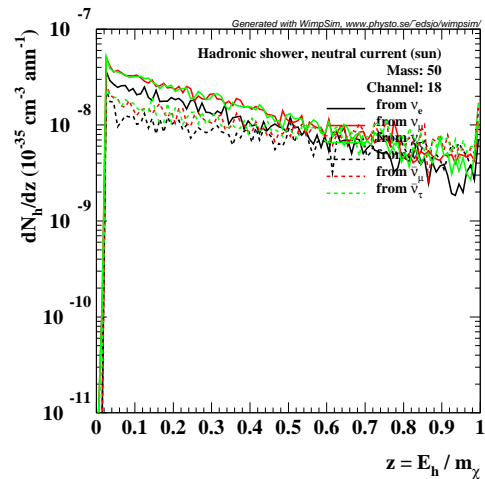
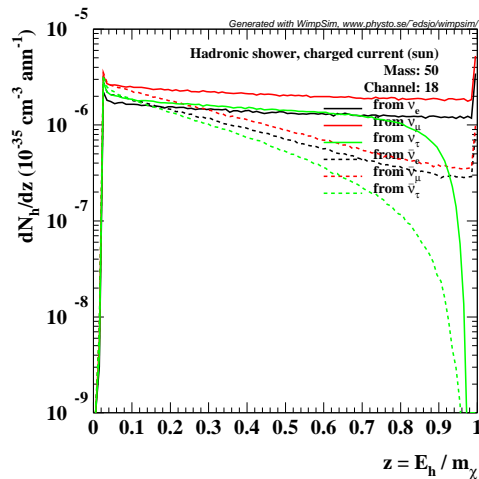
#### 3.7.1 Neutrino fluxes at detector (Sun)



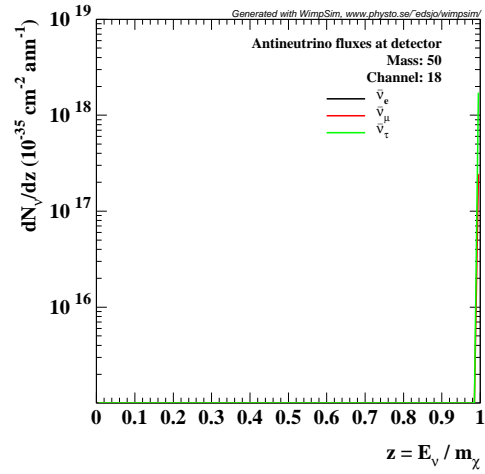
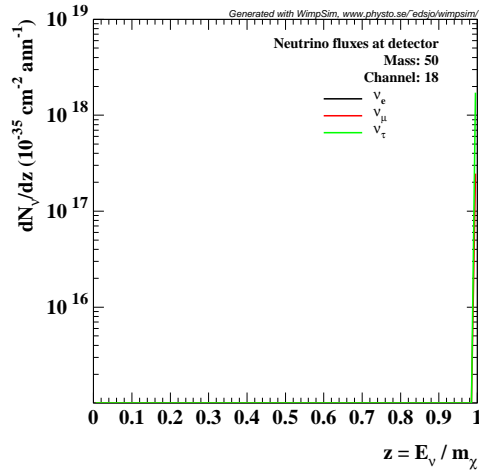
#### 3.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



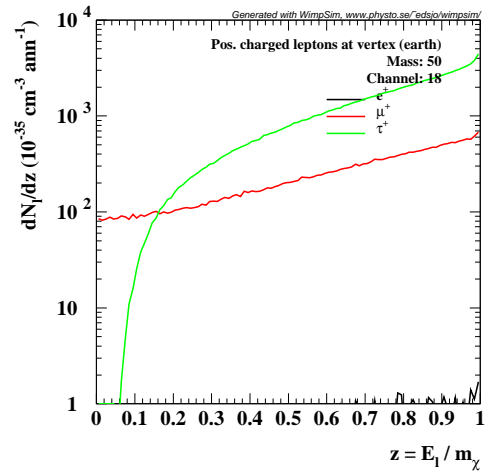
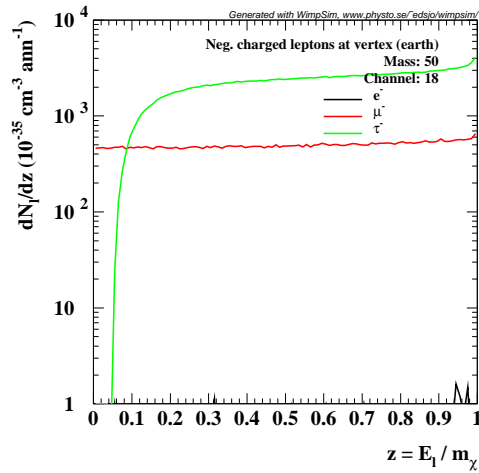
#### 3.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



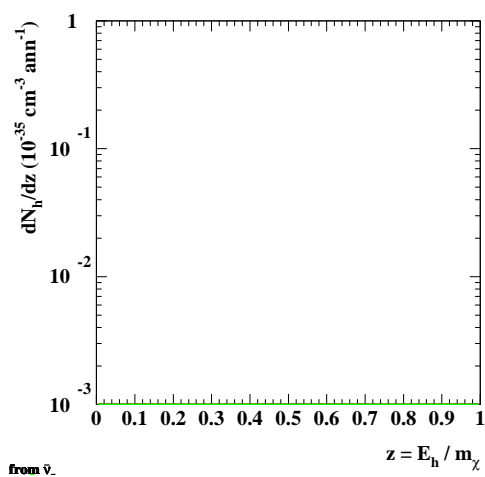
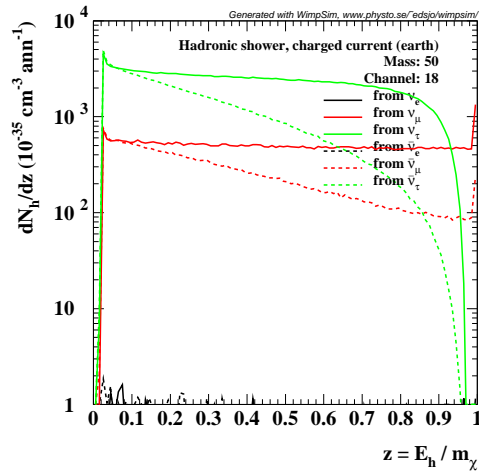
### 3.7.4 Neutrino fluxes at detector (Earth)



### 3.7.5 Charged leptons at neutrino-nucleon vertex (Earth)

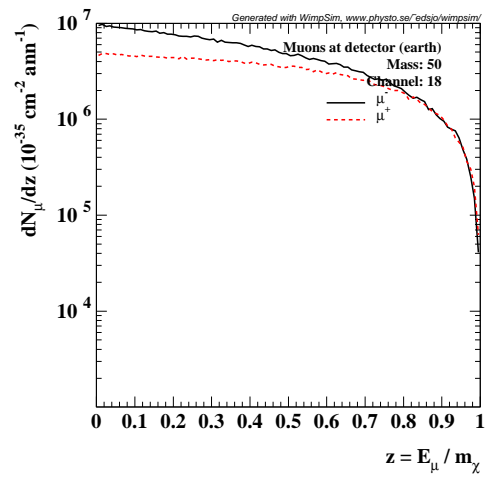
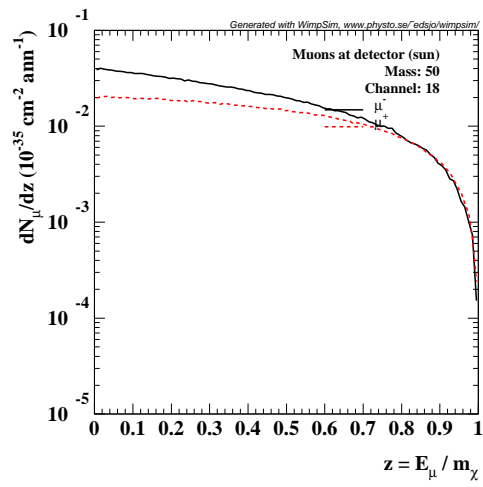


### 3.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)





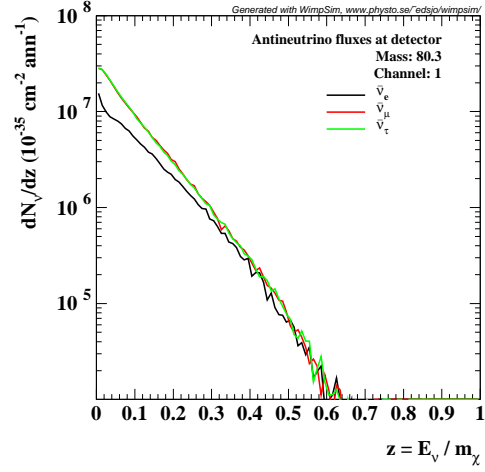
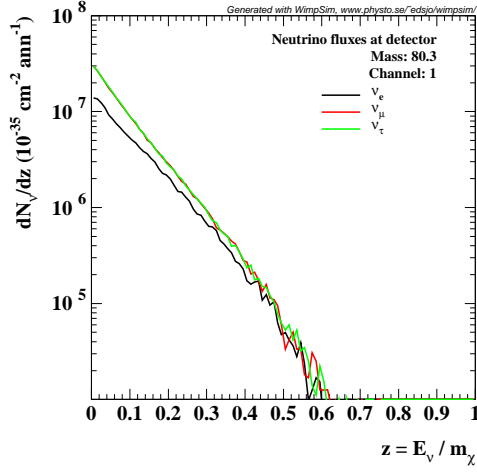
### 3.7.7 Muons at detector (Sun/Earth)



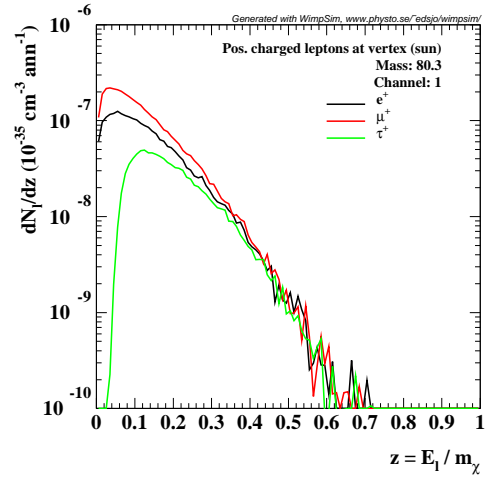
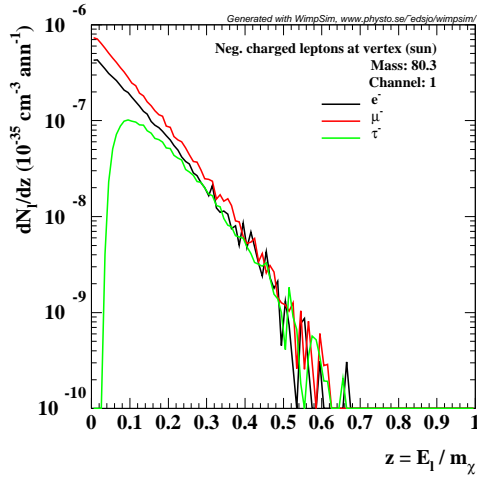
## 4 Mass 80.3

### 4.1 Channel 1 – $c\bar{c}$

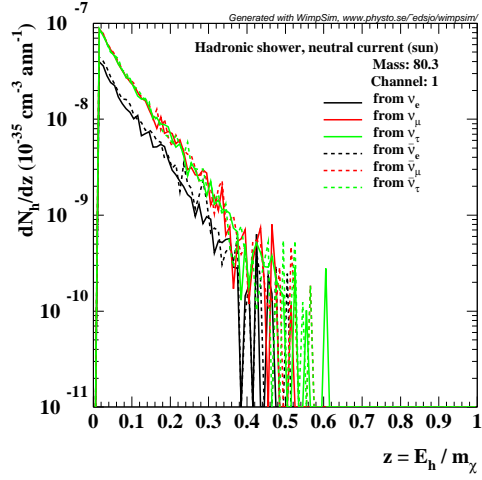
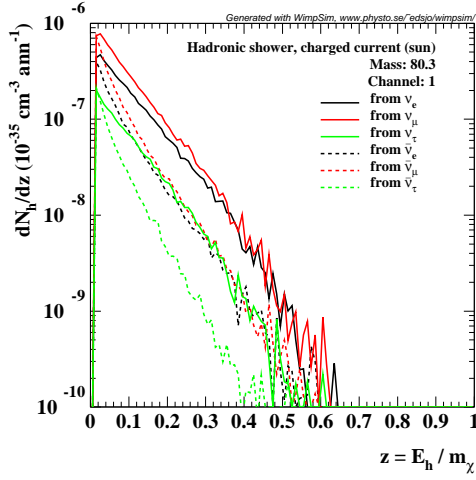
#### 4.1.1 Neutrino fluxes at detector (Sun)



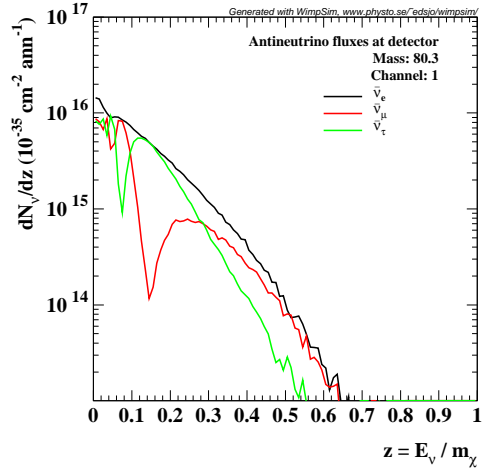
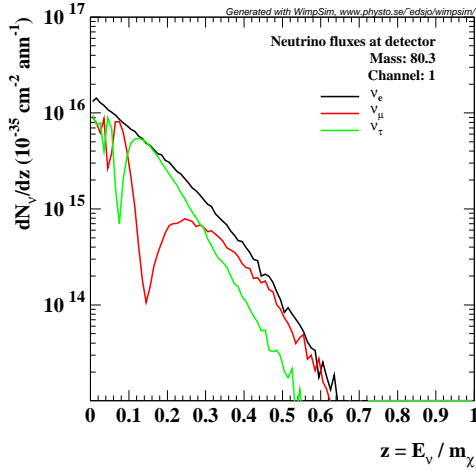
#### 4.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



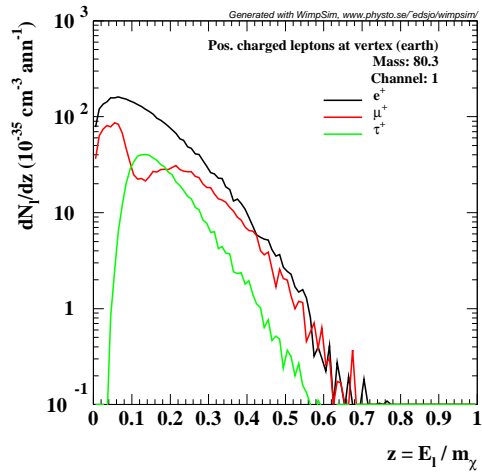
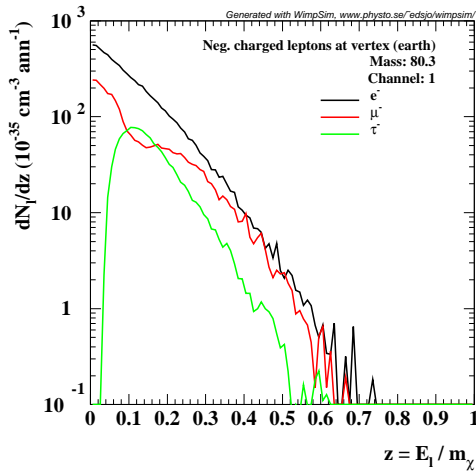
### 4.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



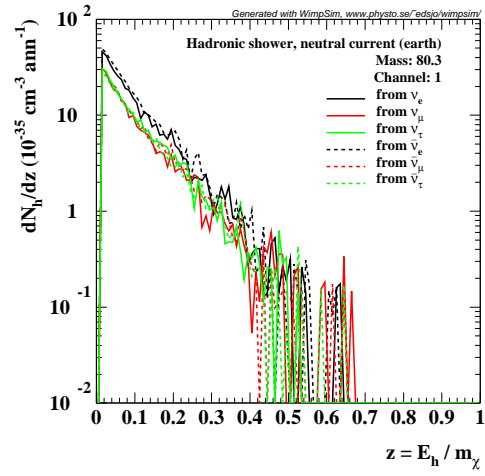
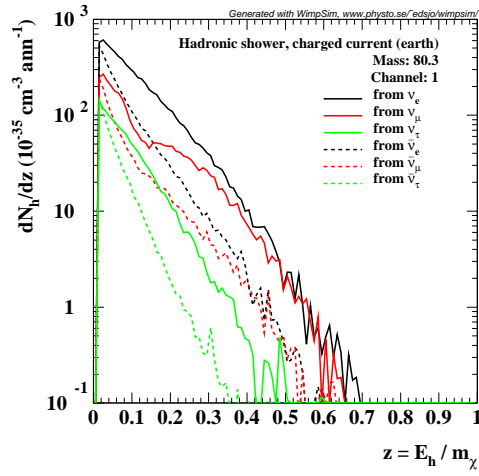
### 4.1.4 Neutrino fluxes at detector (Earth)



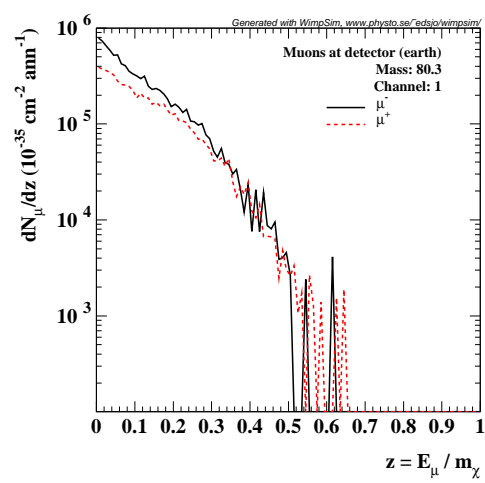
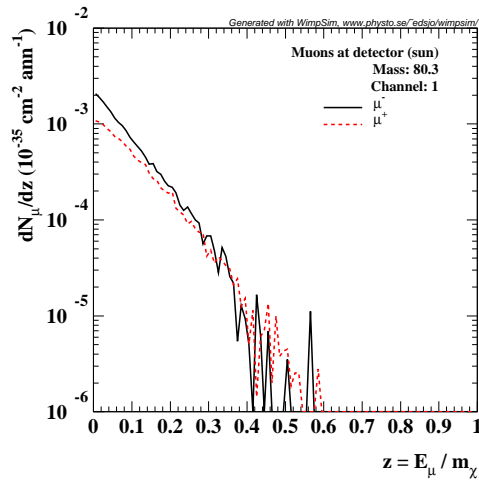
### 4.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 4.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

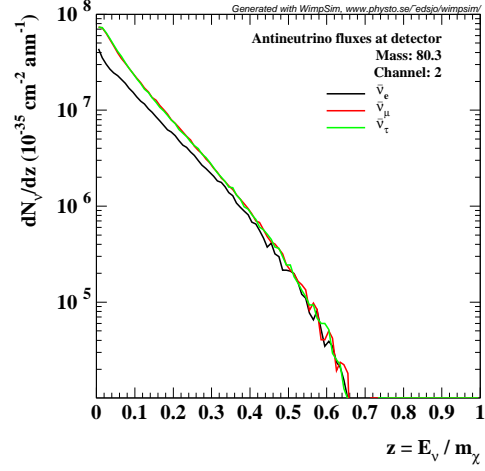
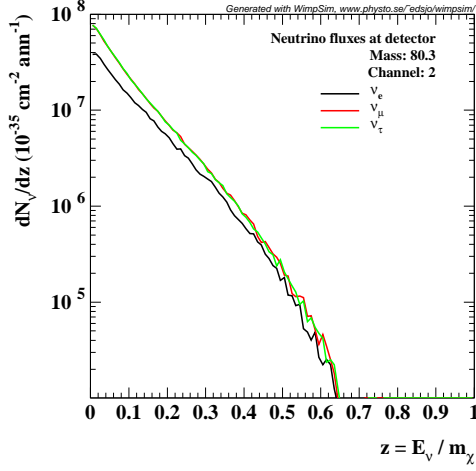


#### 4.1.7 Muons at detector (Sun/Earth)

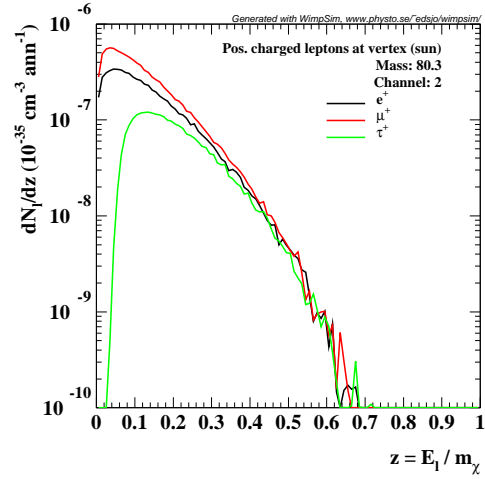
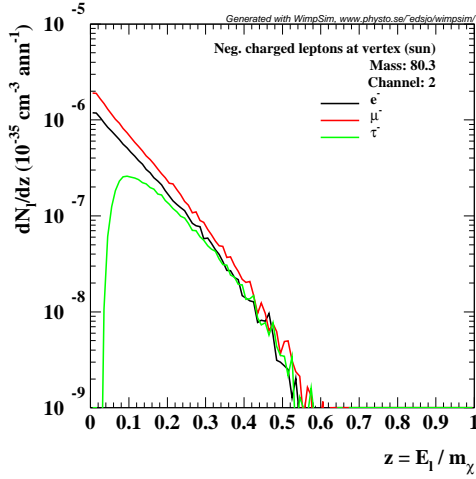


## 4.2 Channel 2 – $b\bar{b}$

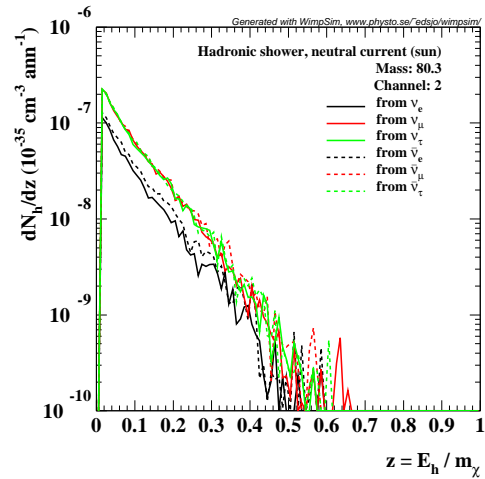
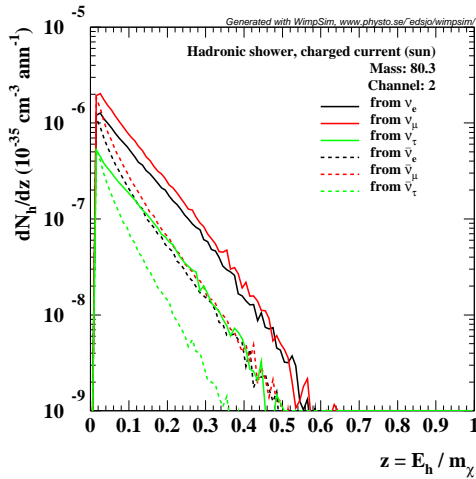
### 4.2.1 Neutrino fluxes at detector (Sun)



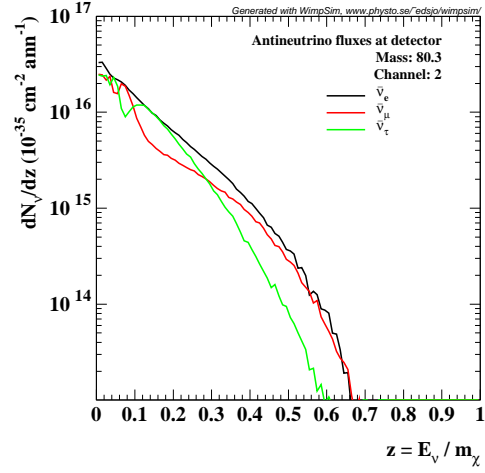
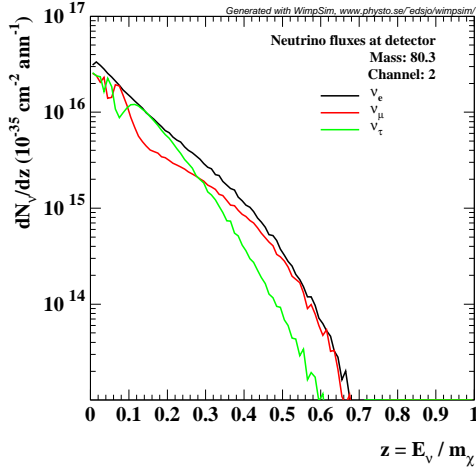
### 4.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



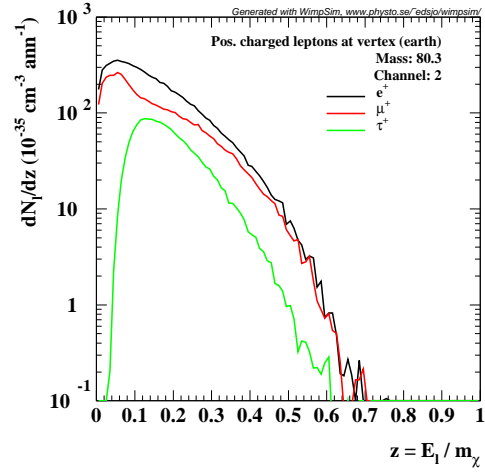
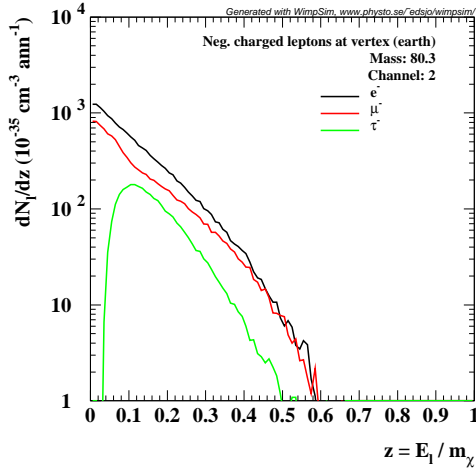
### 4.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



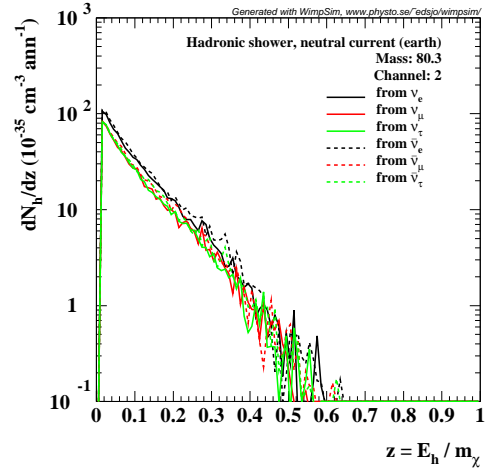
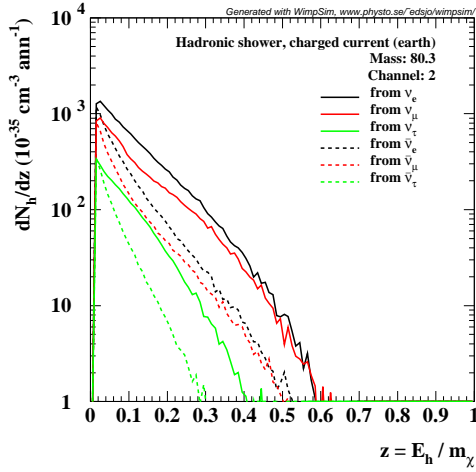
#### 4.2.4 Neutrino fluxes at detector (Earth)



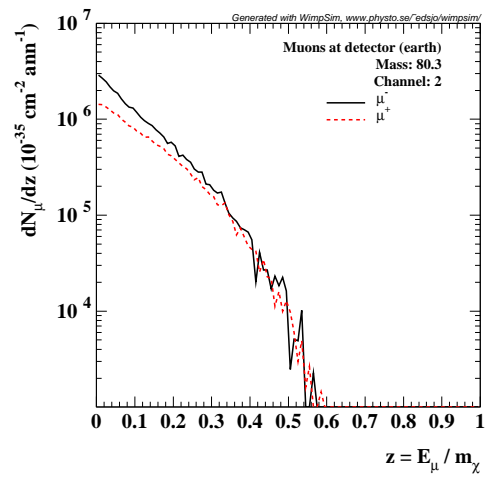
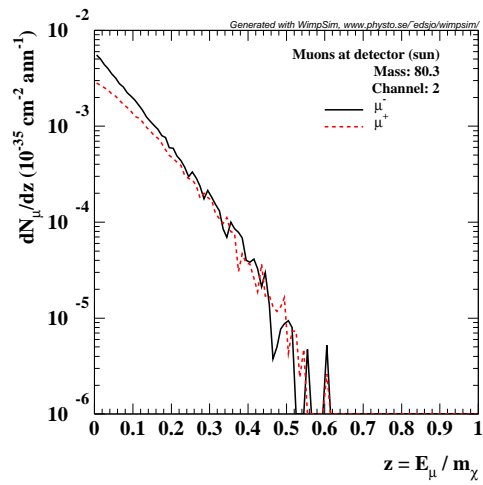
#### 4.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 4.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

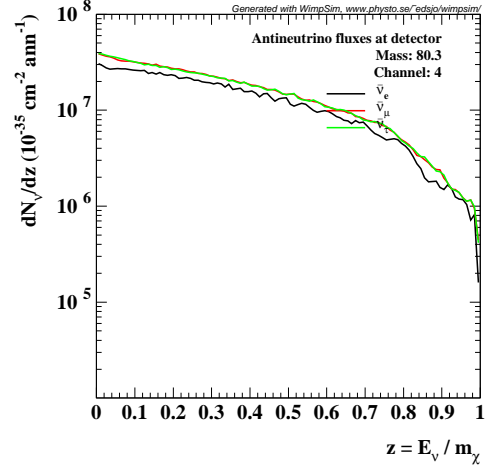
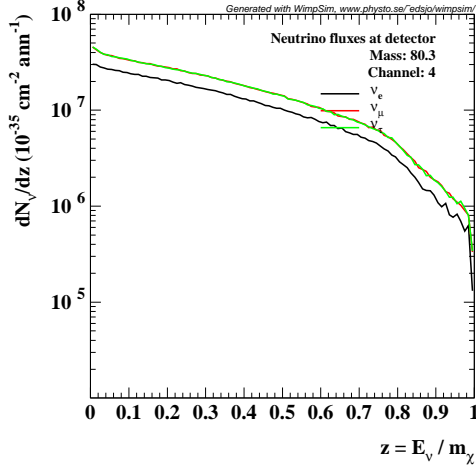


#### 4.2.7 Muons at detector (Sun/Earth)

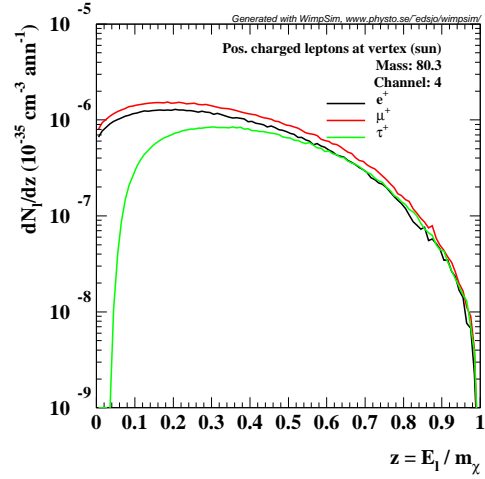
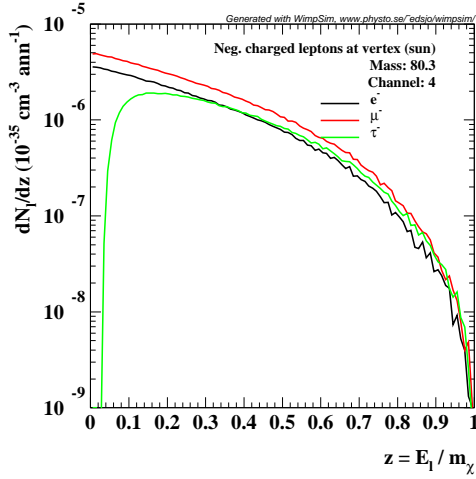


### 4.3 Channel 4 – $\tau^- \tau^+$

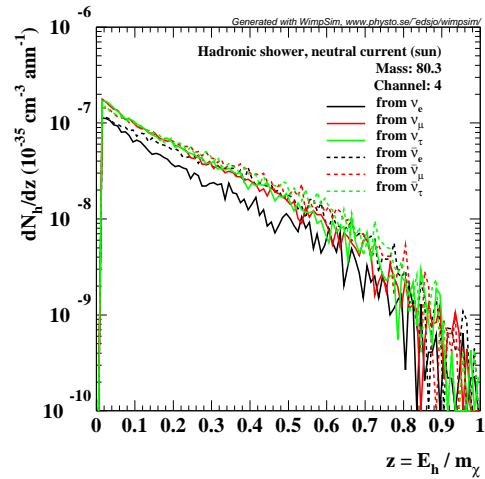
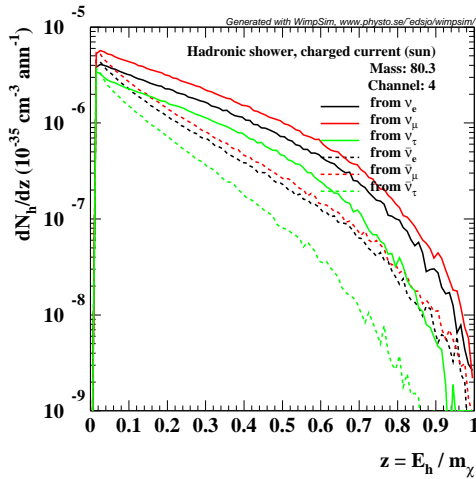
#### 4.3.1 Neutrino fluxes at detector (Sun)



#### 4.3.2 Charged leptons at neutrino-nucleon vertex (Sun)

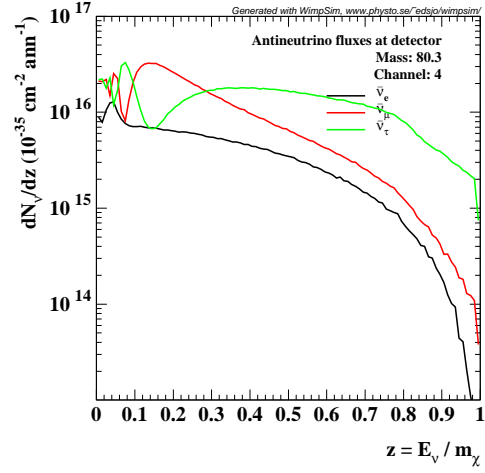
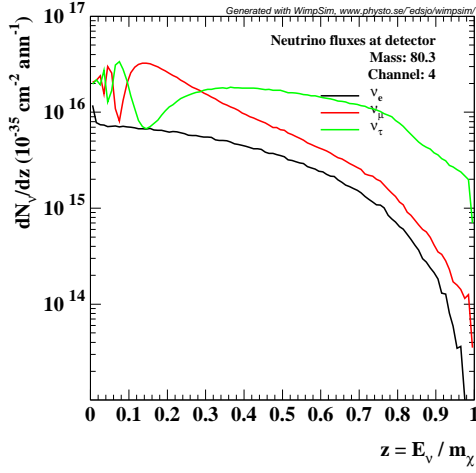


#### 4.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)

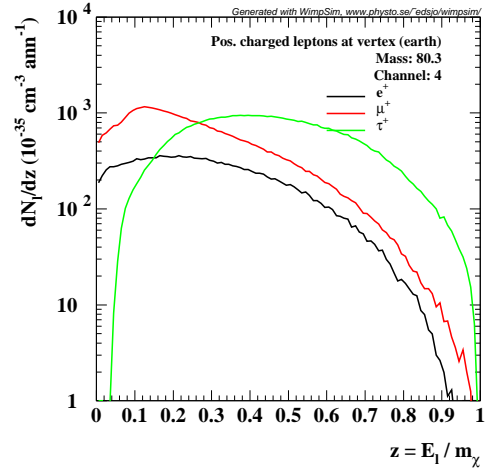
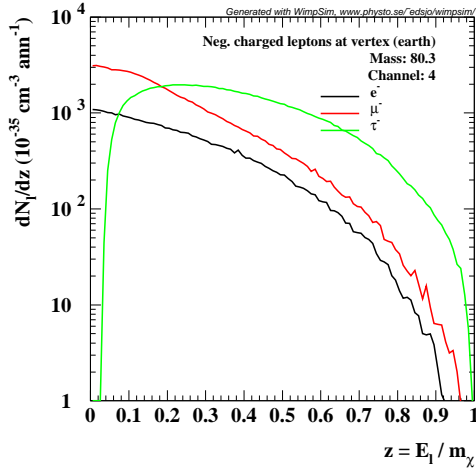




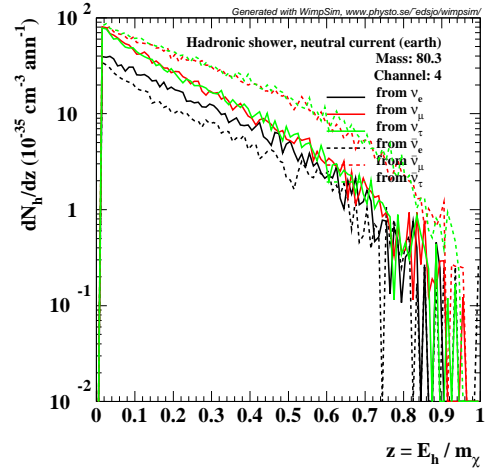
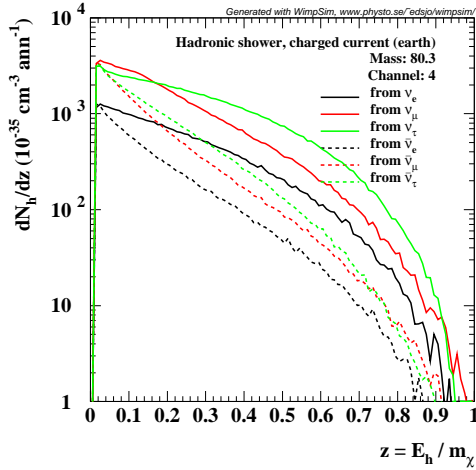
#### 4.3.4 Neutrino fluxes at detector (Earth)



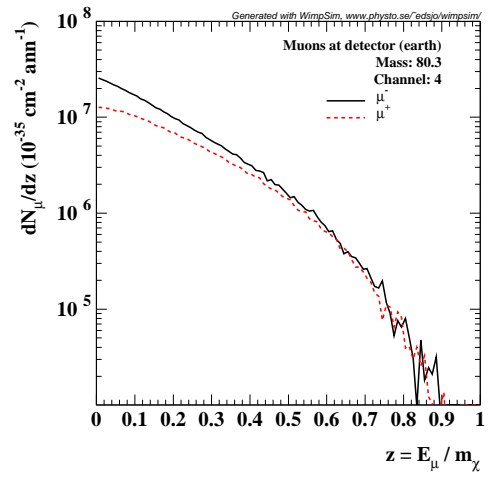
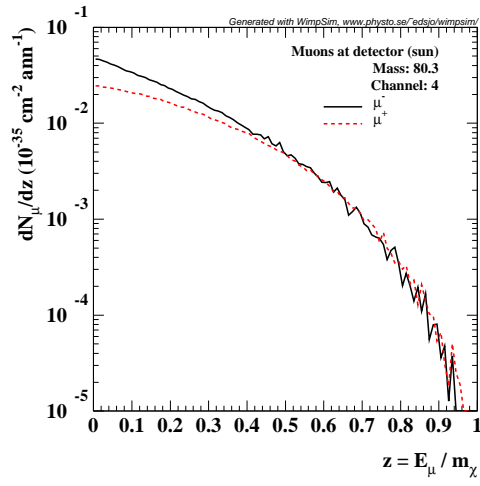
#### 4.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 4.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

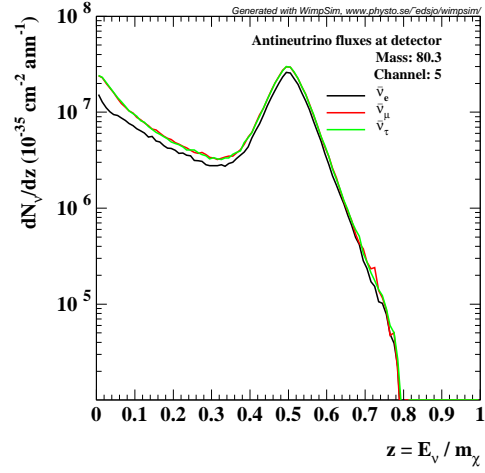
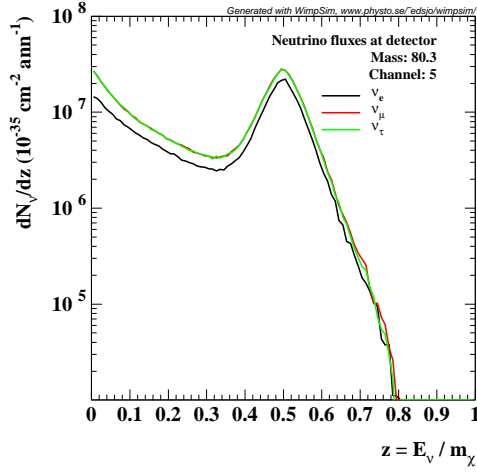


### 4.3.7 Muons at detector (Sun/Earth)

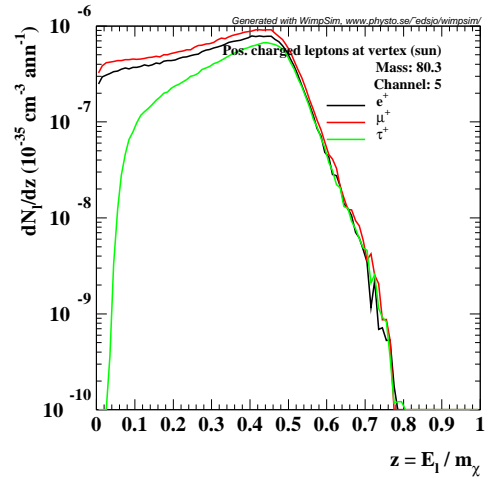
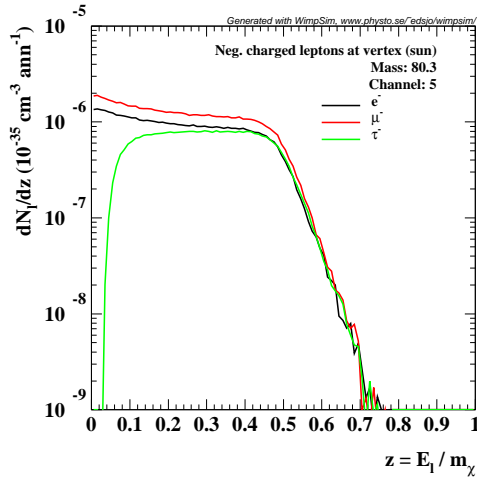


## 4.4 Channel 5 – $W^-W^+$

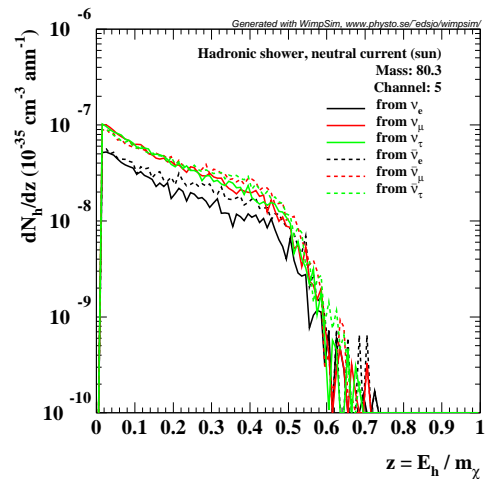
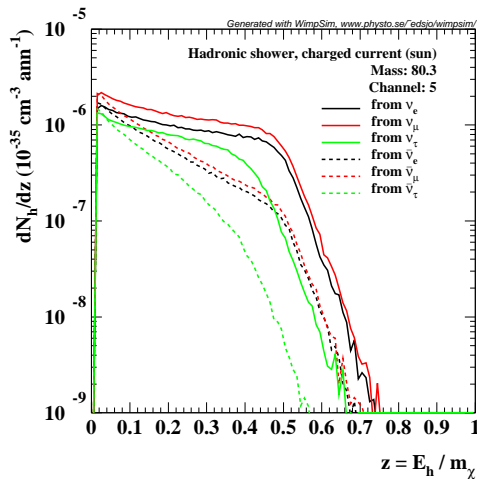
### 4.4.1 Neutrino fluxes at detector (Sun)



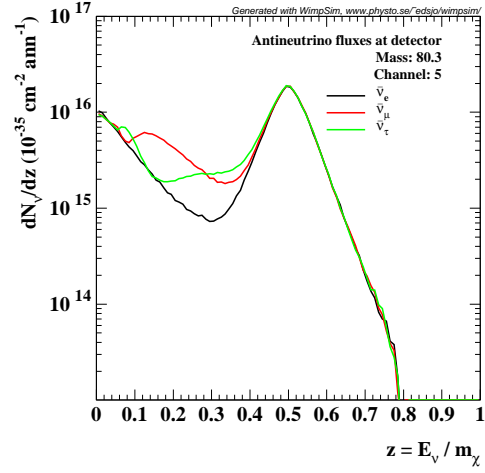
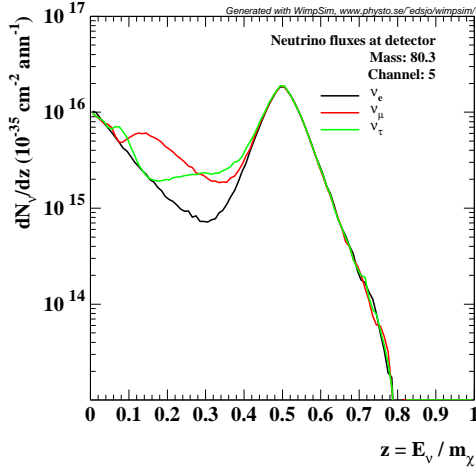
### 4.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



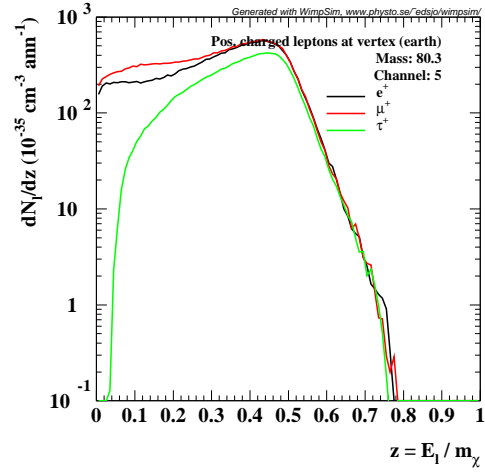
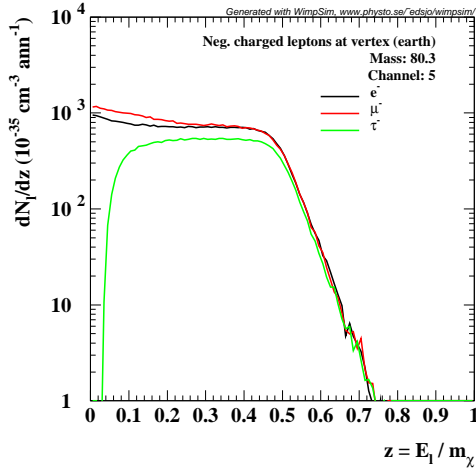
### 4.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



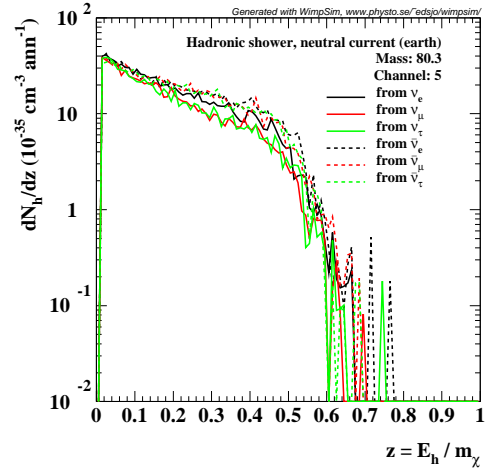
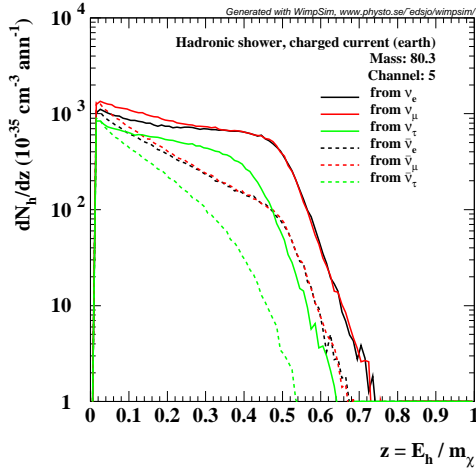
#### 4.4.4 Neutrino fluxes at detector (Earth)



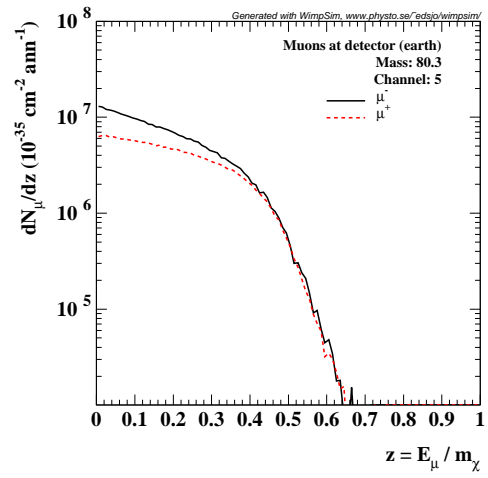
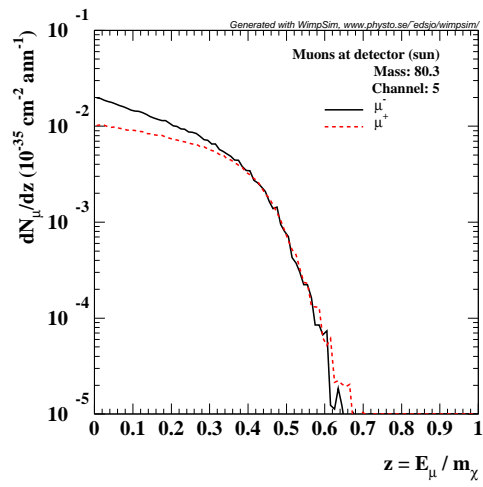
#### 4.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 4.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

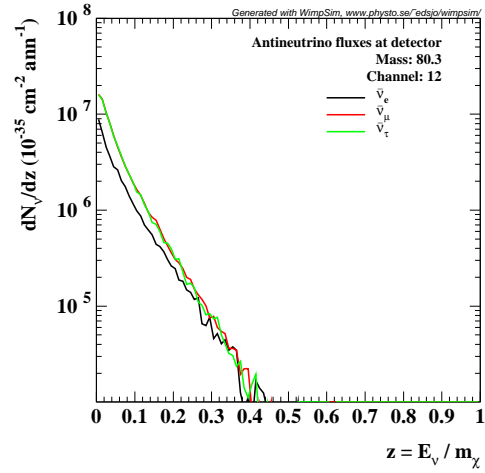
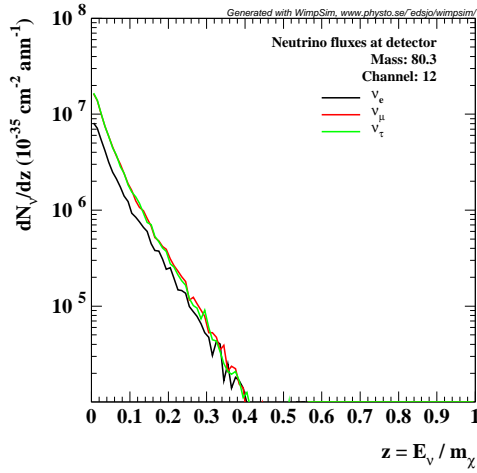


#### 4.4.7 Muons at detector (Sun/Earth)

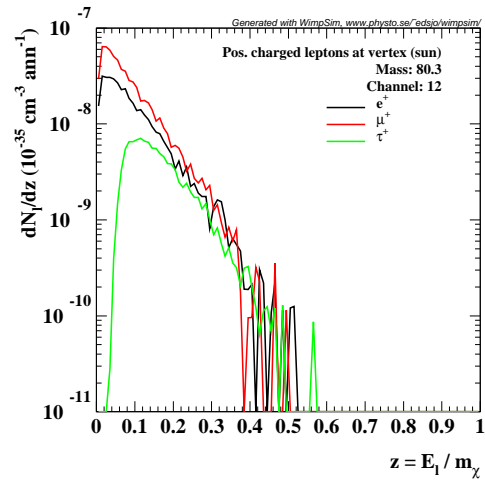
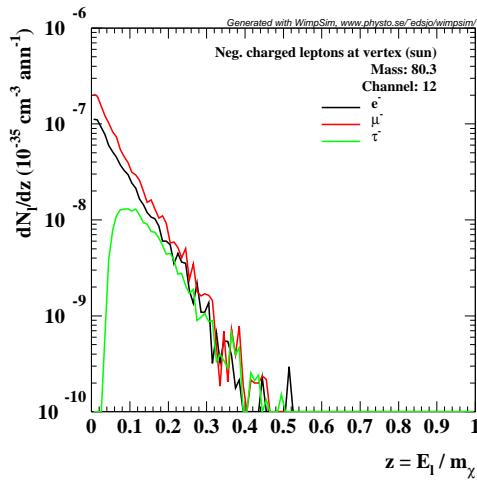


## 4.5 Channel 12 – $gg$

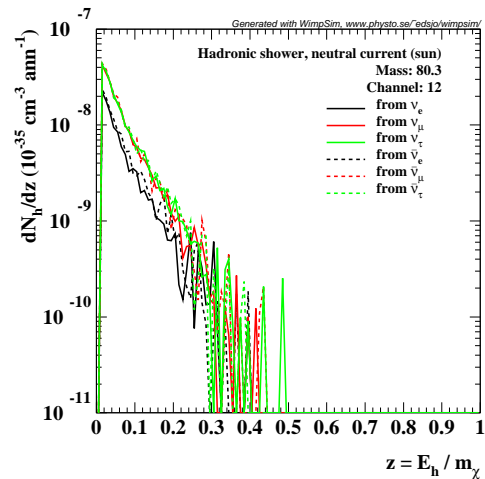
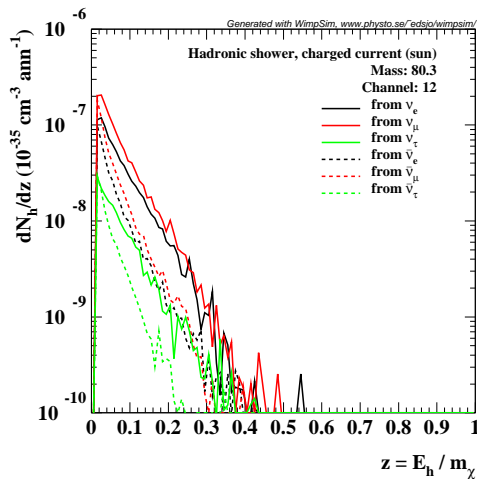
### 4.5.1 Neutrino fluxes at detector (Sun)



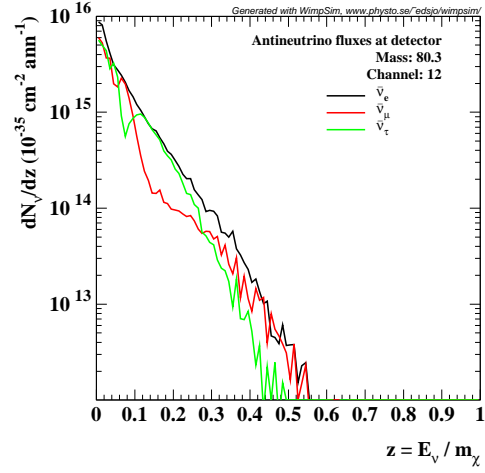
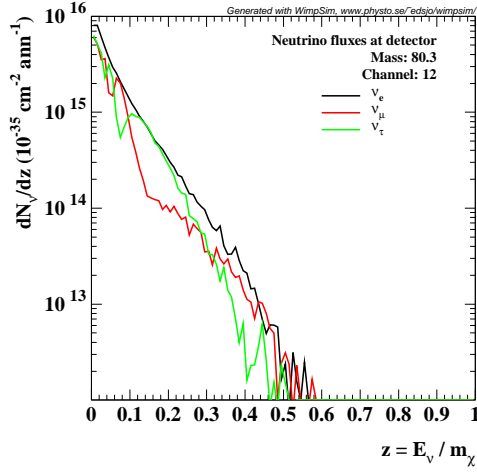
### 4.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



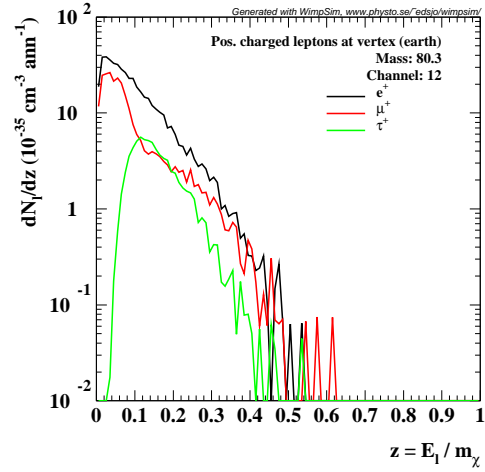
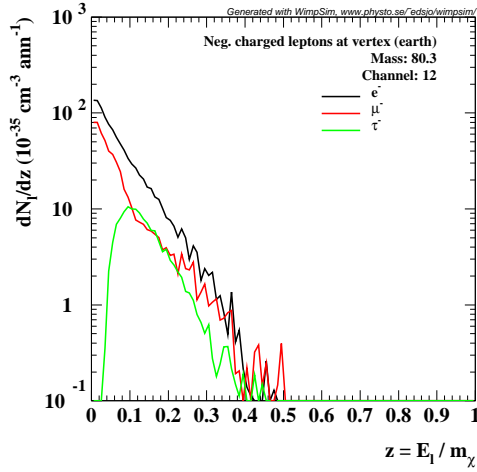
### 4.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



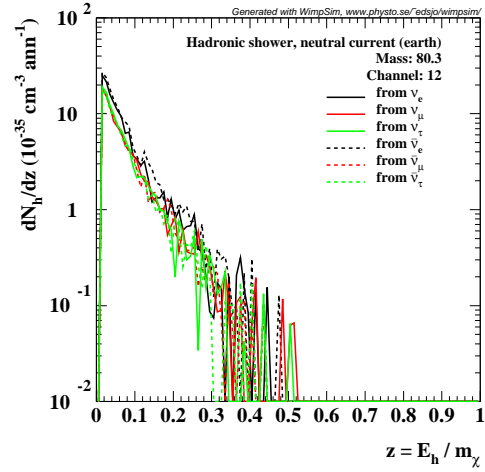
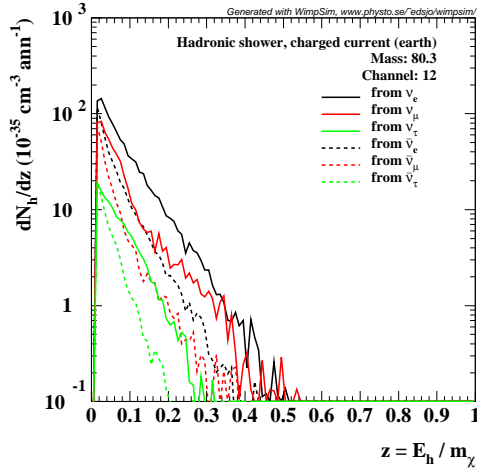
#### 4.5.4 Neutrino fluxes at detector (Earth)



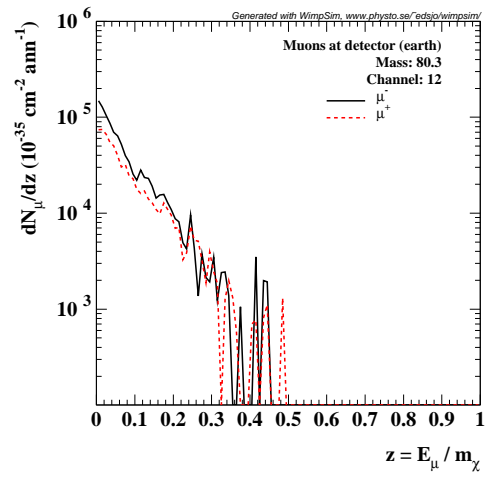
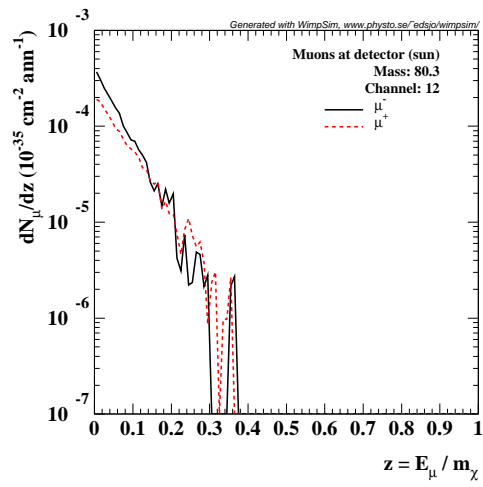
#### 4.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 4.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)



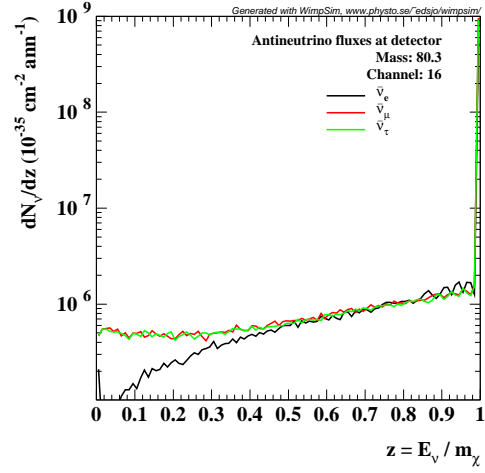
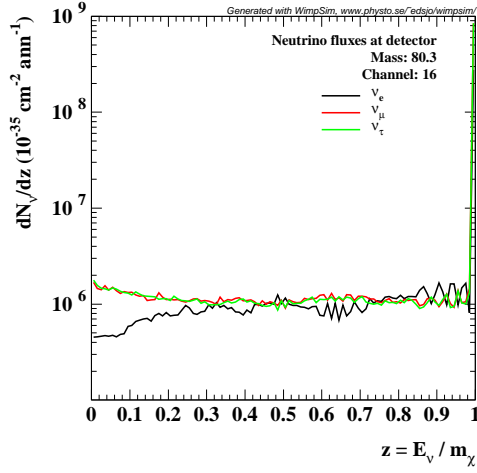
#### 4.5.7 Muons at detector (Sun/Earth)



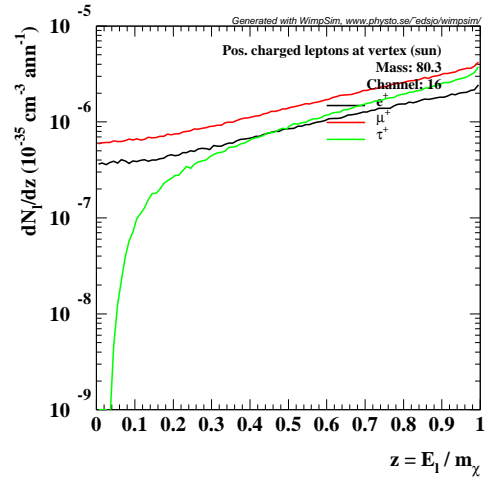
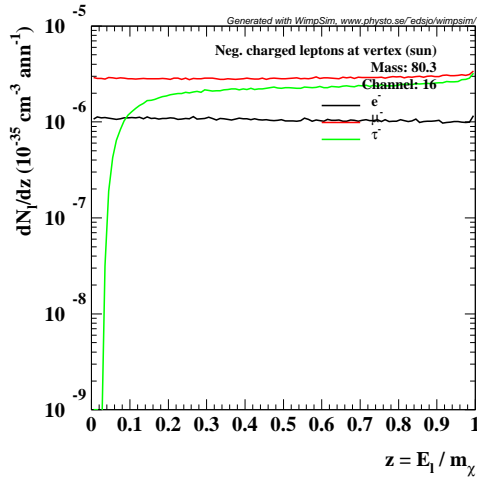


## 4.6 Channel 16 – $\nu_e \bar{\nu}_e$

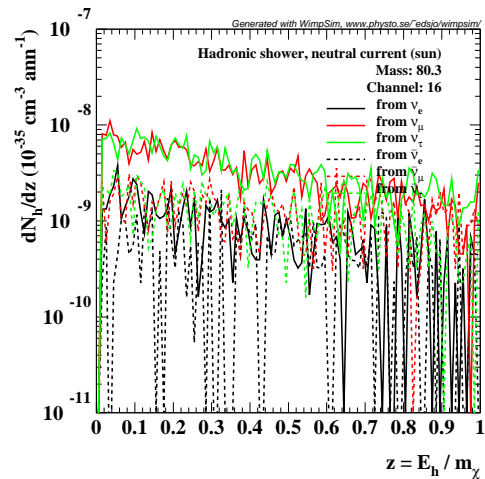
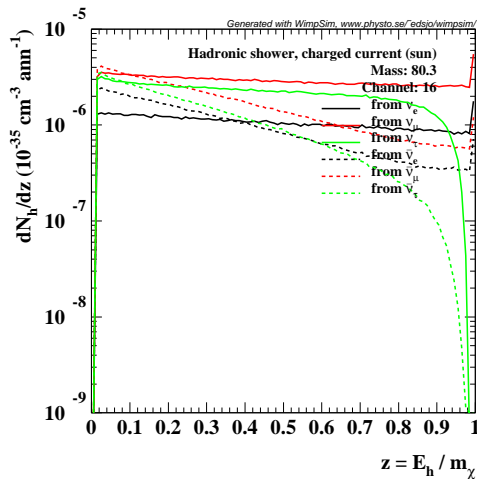
### 4.6.1 Neutrino fluxes at detector (Sun)



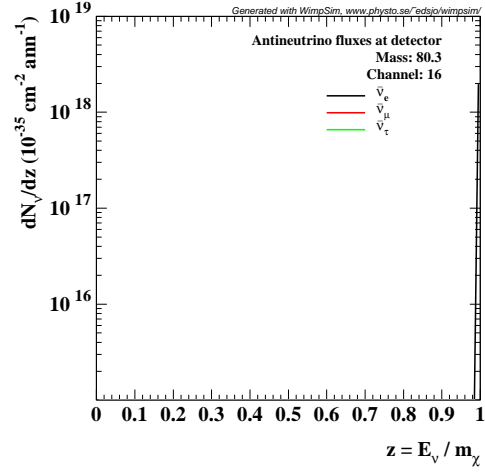
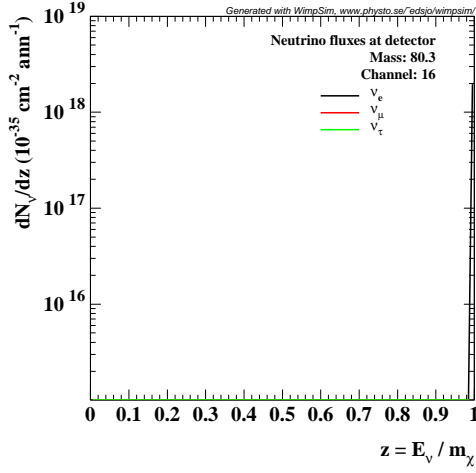
### 4.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



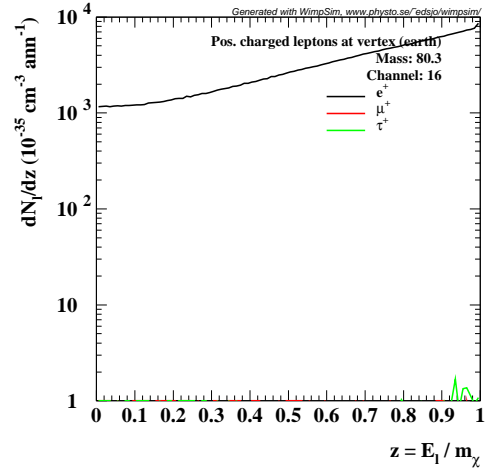
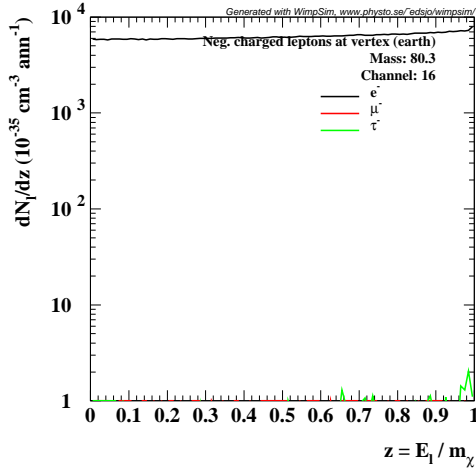
### 4.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



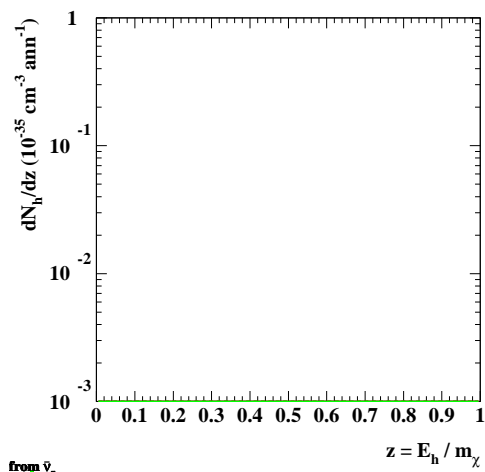
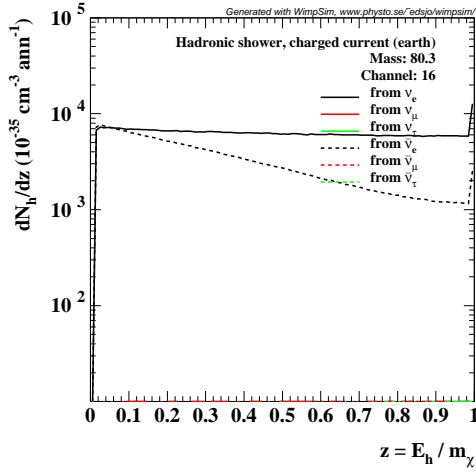
#### 4.6.4 Neutrino fluxes at detector (Earth)



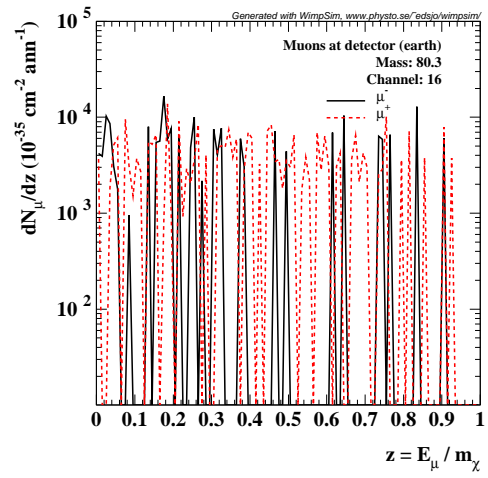
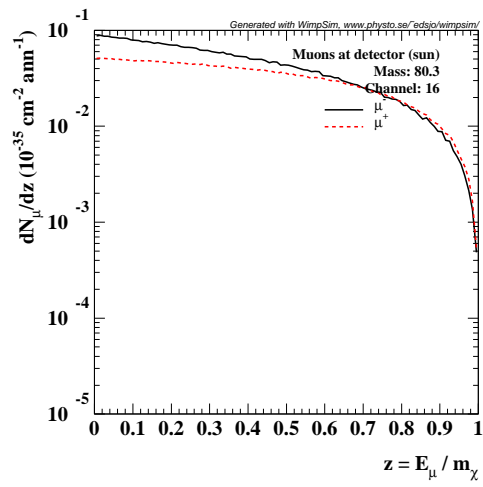
#### 4.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 4.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

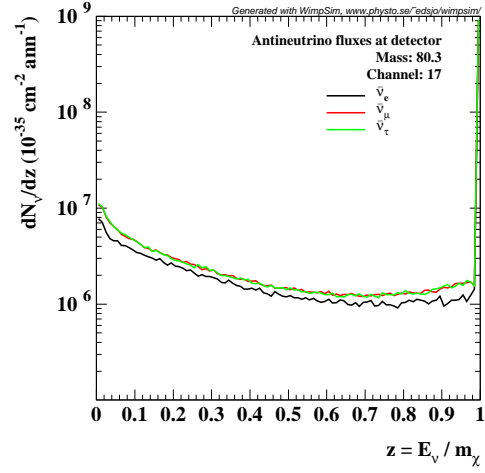
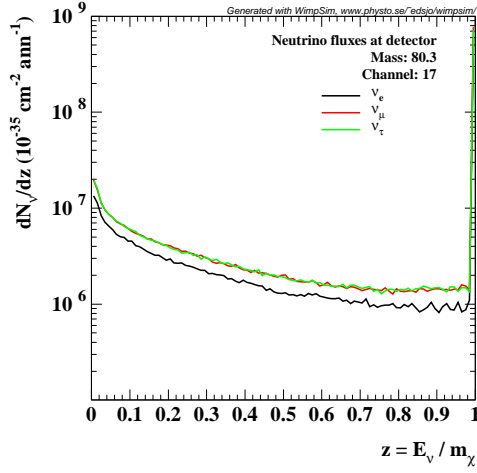


#### 4.6.7 Muons at detector (Sun/Earth)

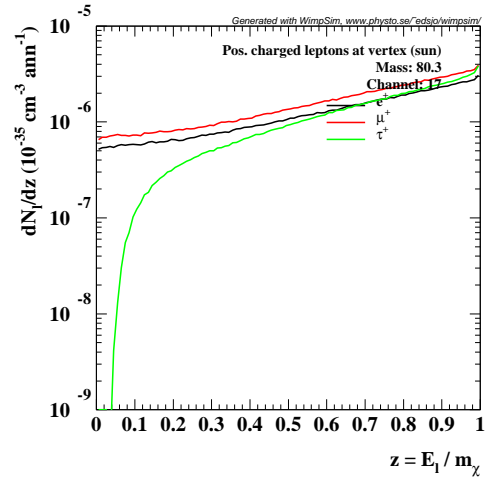
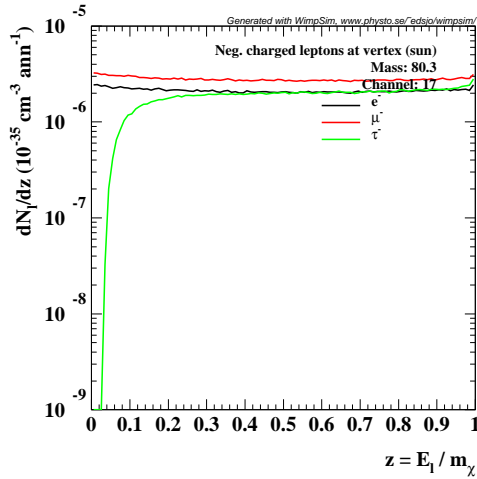


## 4.7 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

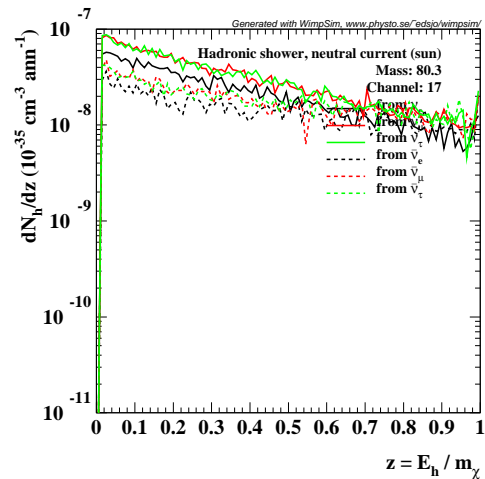
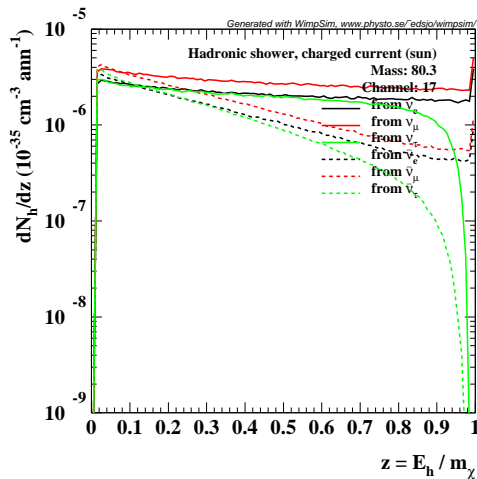
### 4.7.1 Neutrino fluxes at detector (Sun)



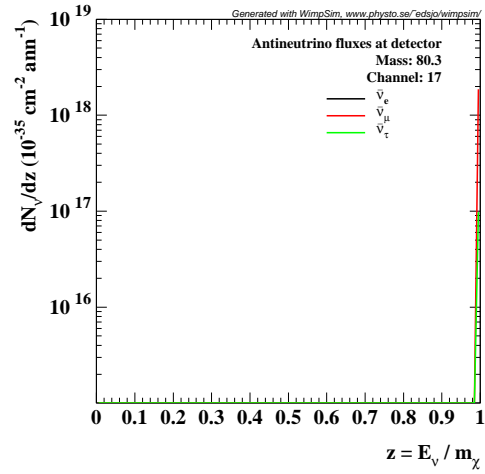
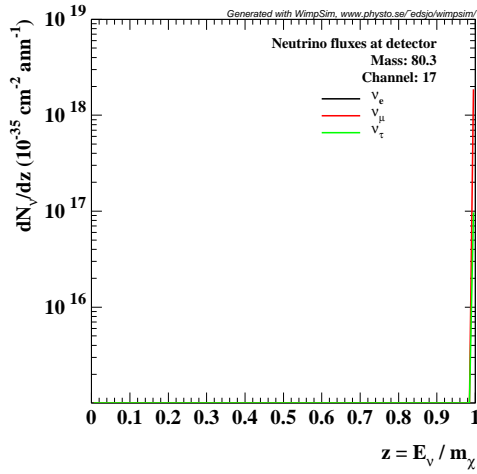
### 4.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



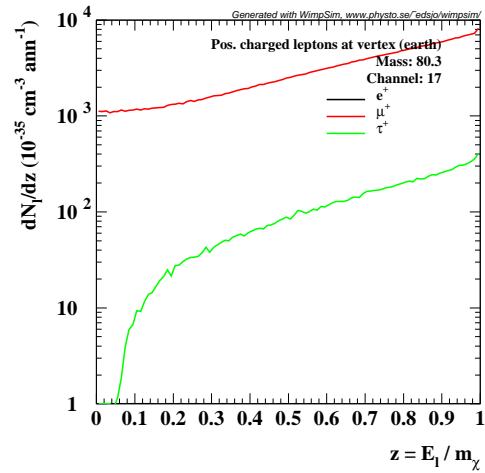
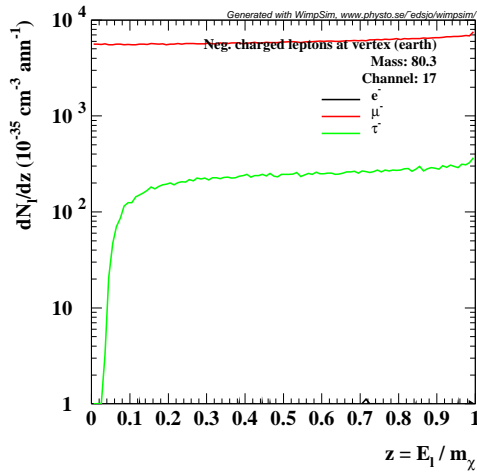
### 4.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



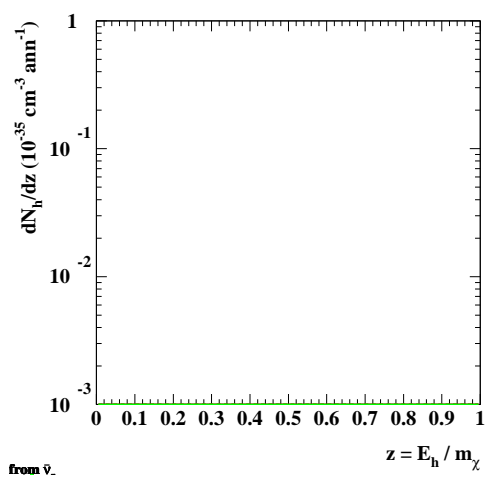
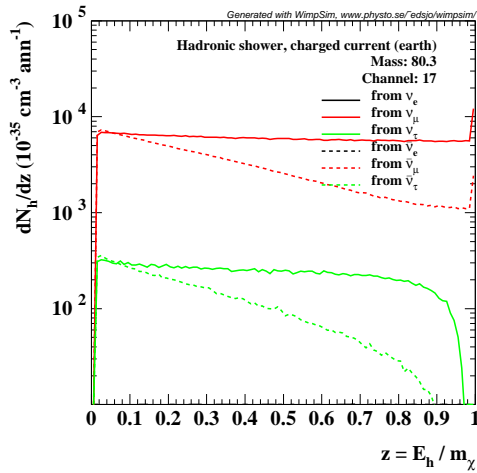
#### 4.7.4 Neutrino fluxes at detector (Earth)



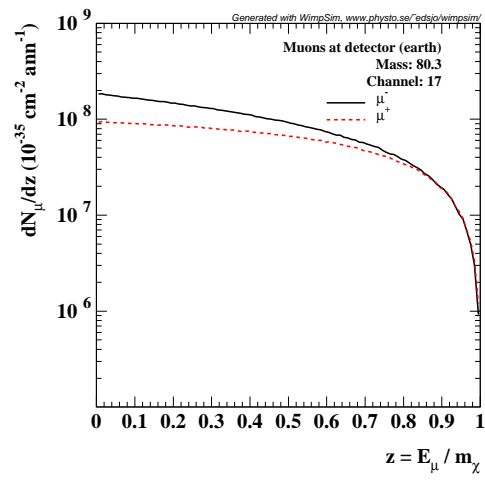
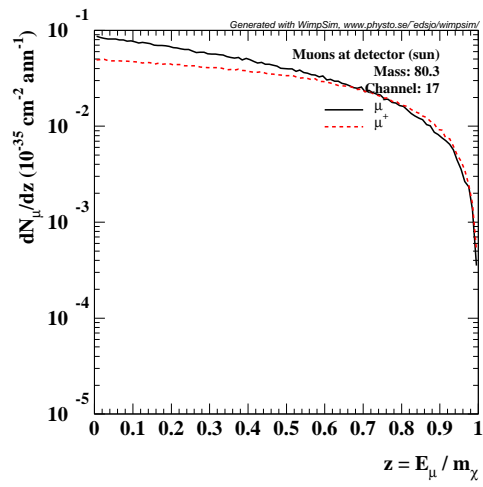
#### 4.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 4.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)

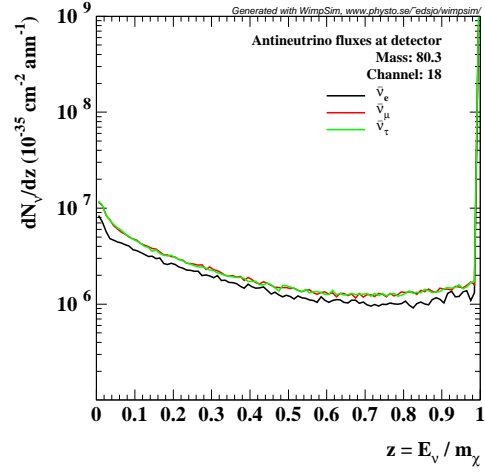
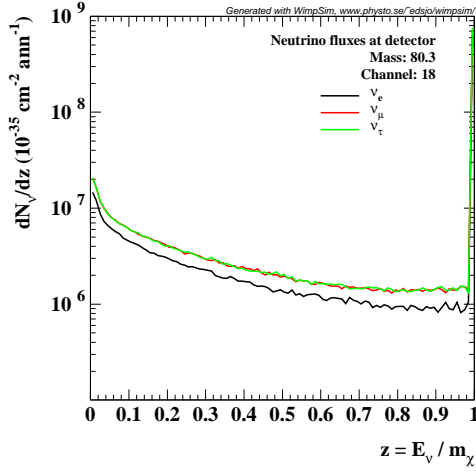


#### 4.7.7 Muons at detector (Sun/Earth)

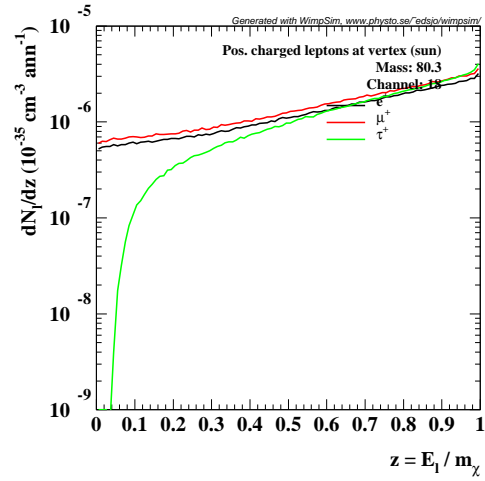
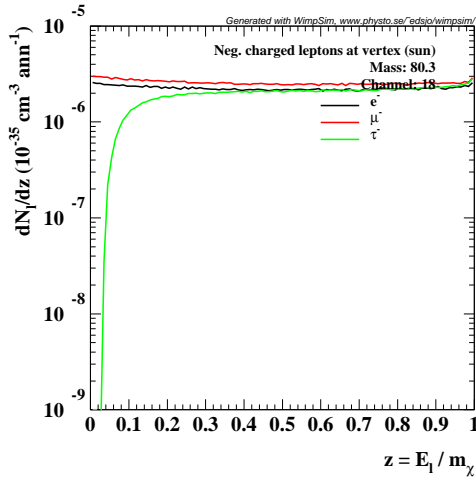


## 4.8 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

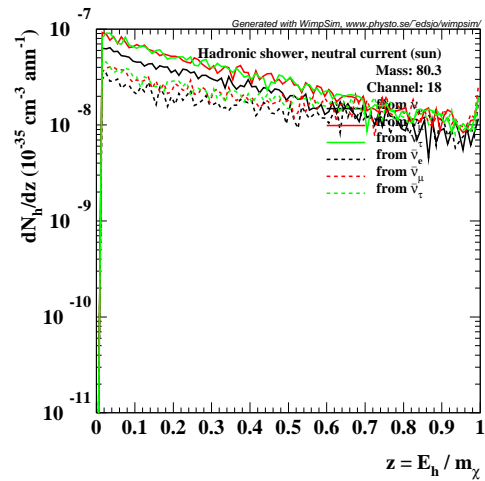
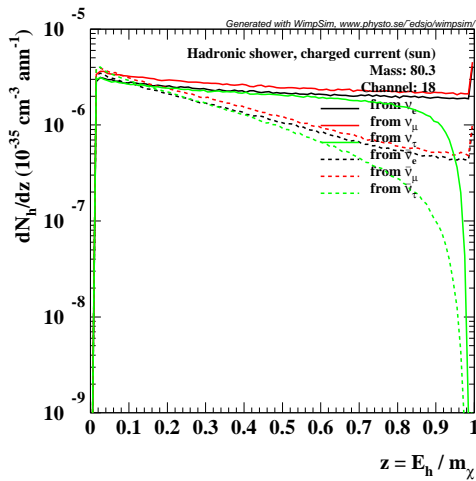
### 4.8.1 Neutrino fluxes at detector (Sun)



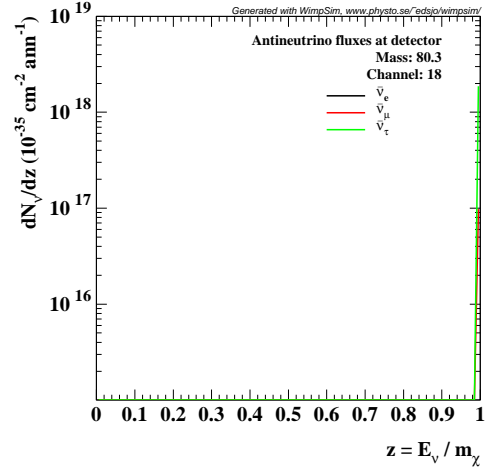
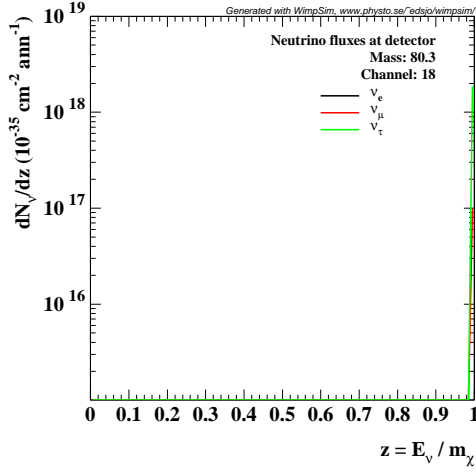
### 4.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



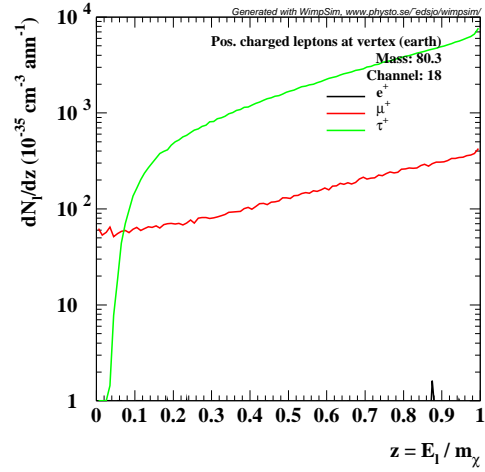
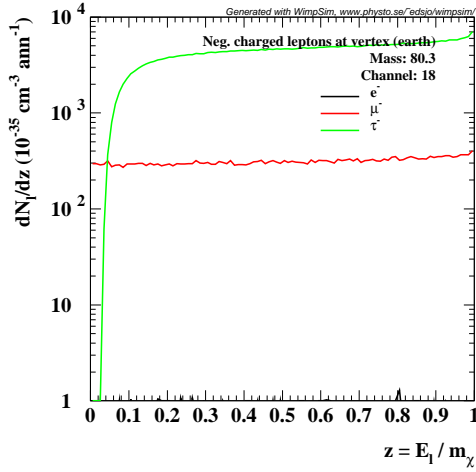
### 4.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



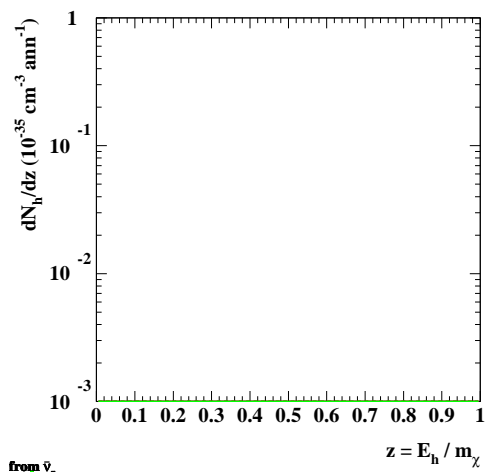
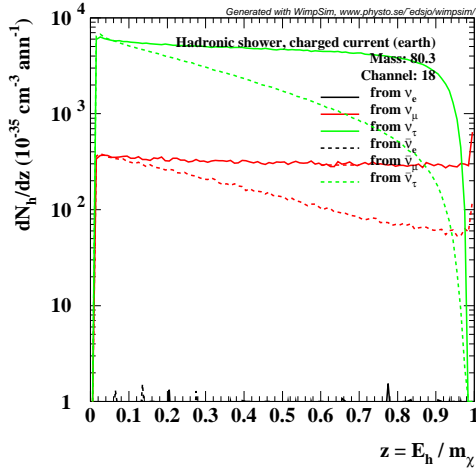
#### 4.8.4 Neutrino fluxes at detector (Earth)



#### 4.8.5 Charged leptons at neutrino-nucleon vertex (Earth)

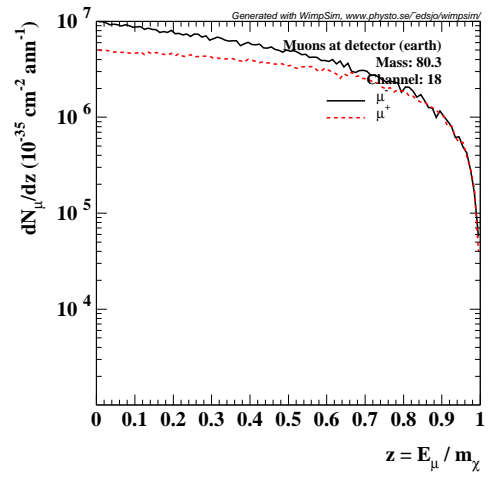
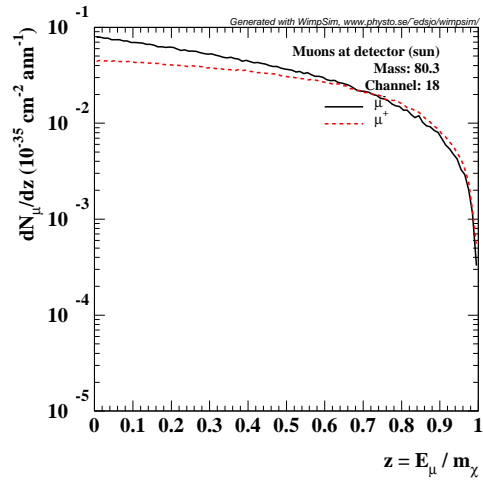


#### 4.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)





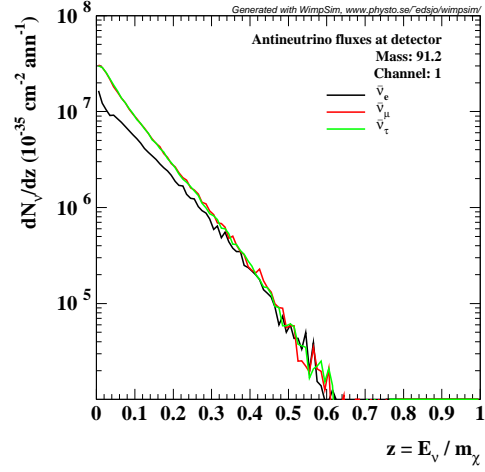
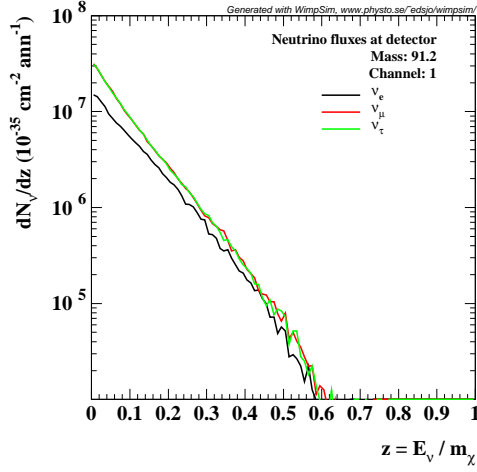
#### 4.8.7 Muons at detector (Sun/Earth)



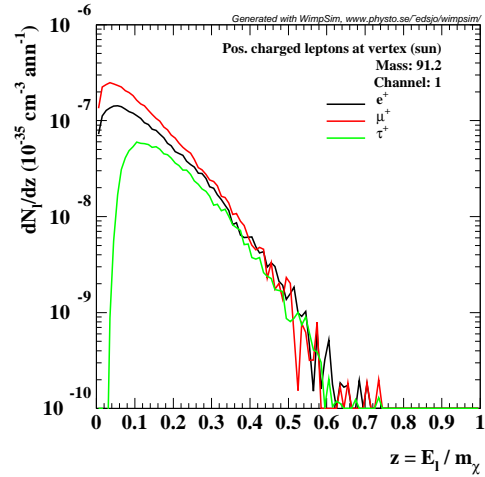
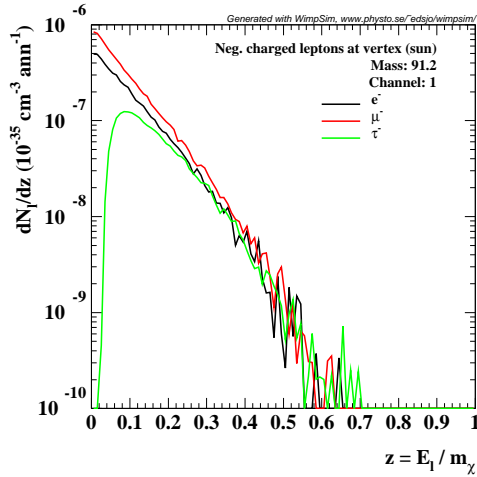
## 5 Mass 91.2

### 5.1 Channel 1 – $c\bar{c}$

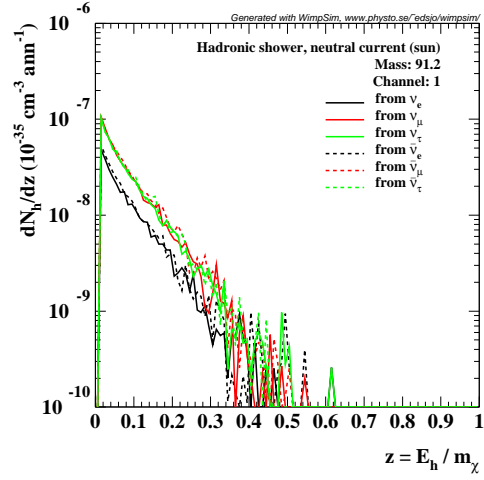
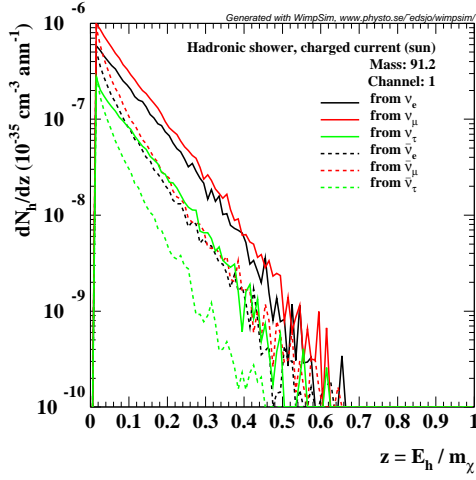
#### 5.1.1 Neutrino fluxes at detector (Sun)



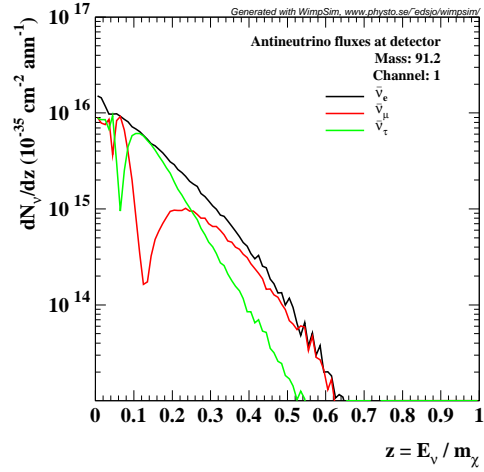
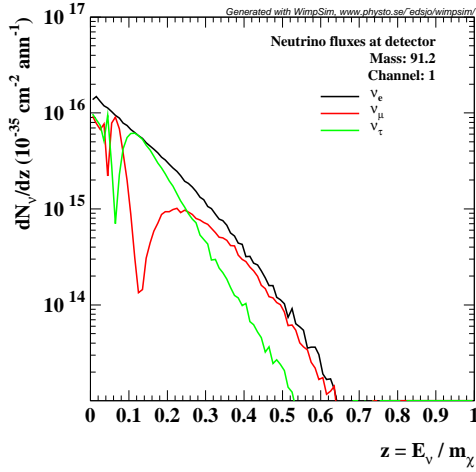
#### 5.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



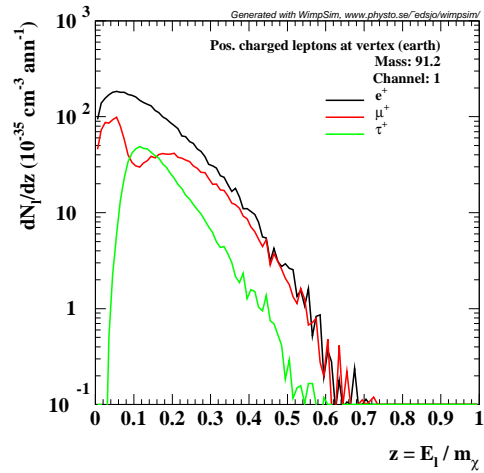
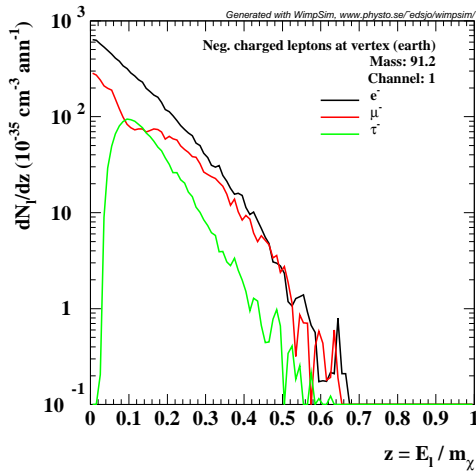
### 5.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



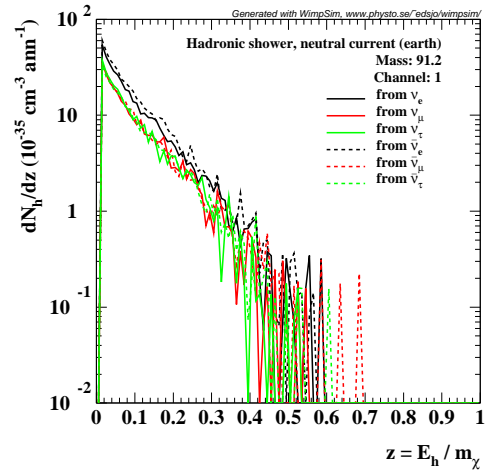
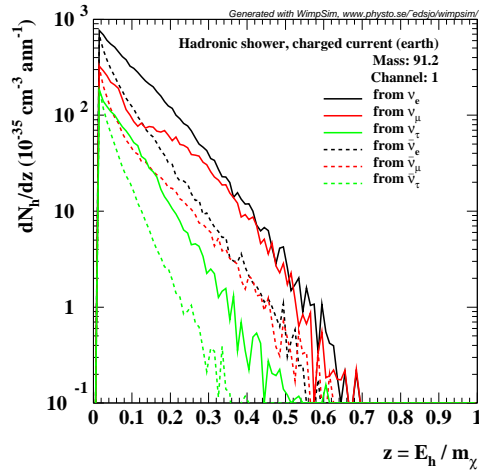
### 5.1.4 Neutrino fluxes at detector (Earth)



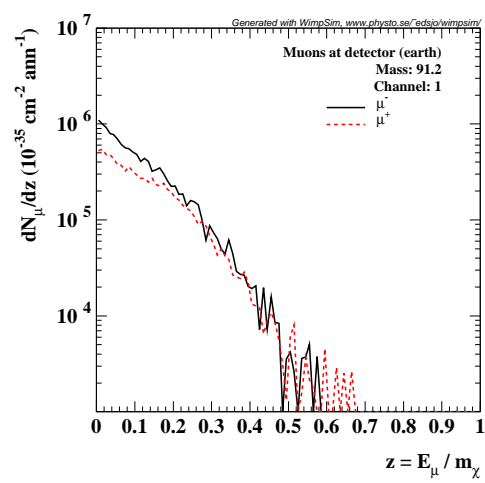
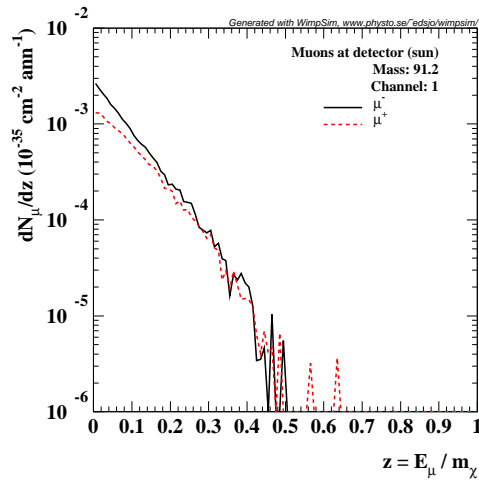
### 5.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 5.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

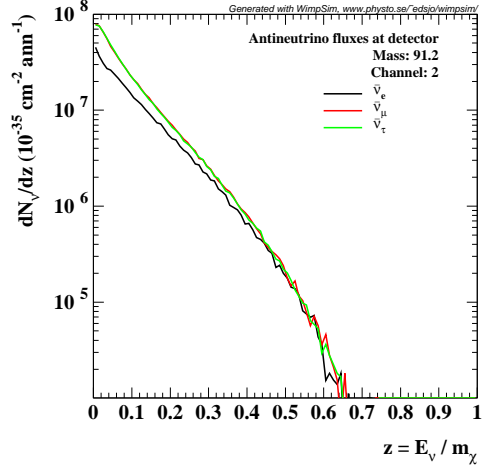
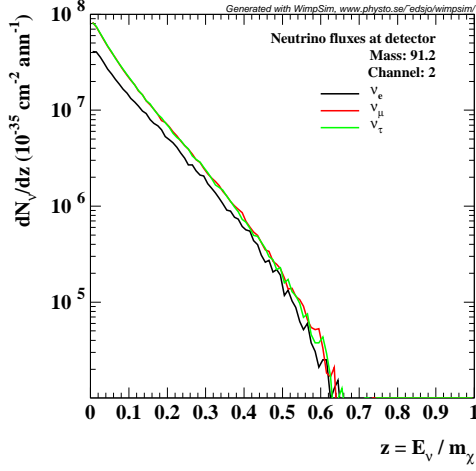


### 5.1.7 Muons at detector (Sun/Earth)

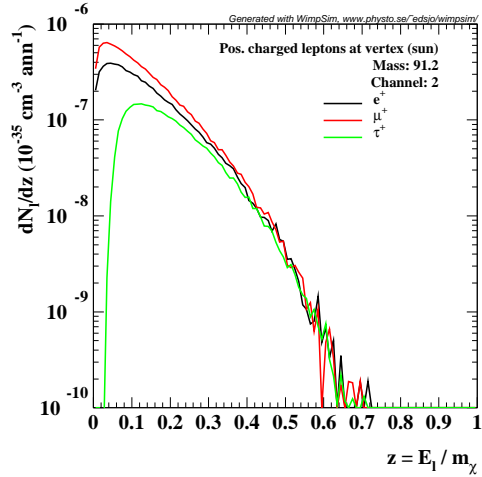
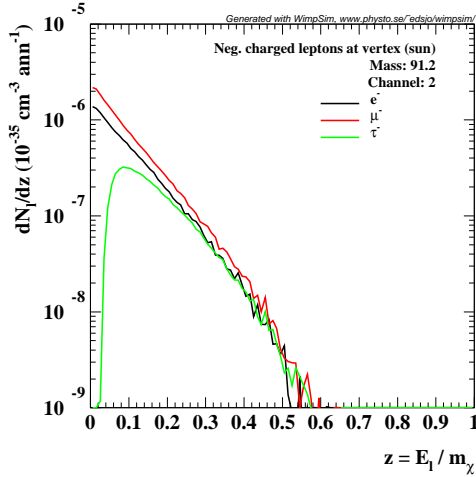


## 5.2 Channel 2 – $b\bar{b}$

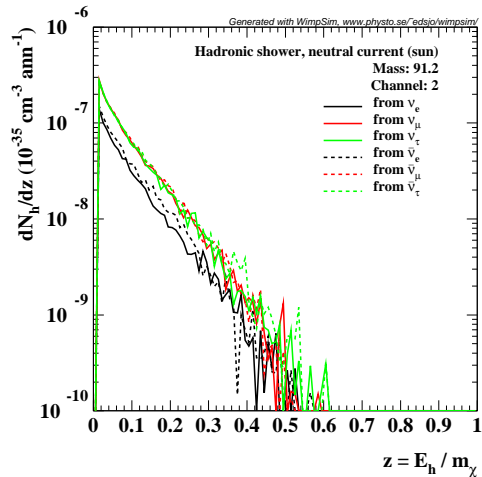
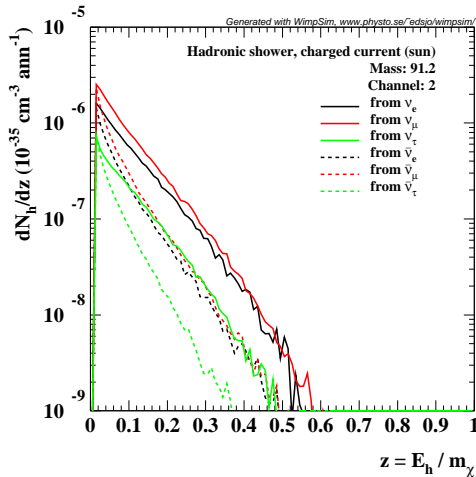
### 5.2.1 Neutrino fluxes at detector (Sun)



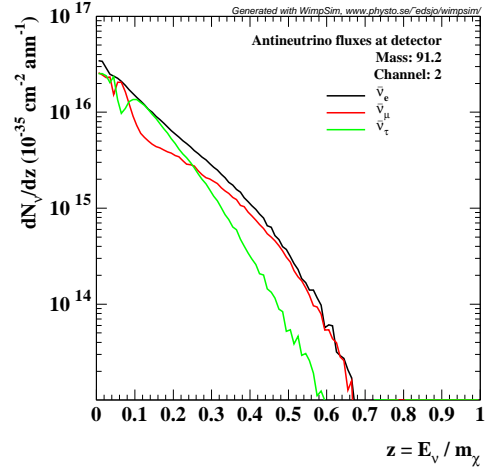
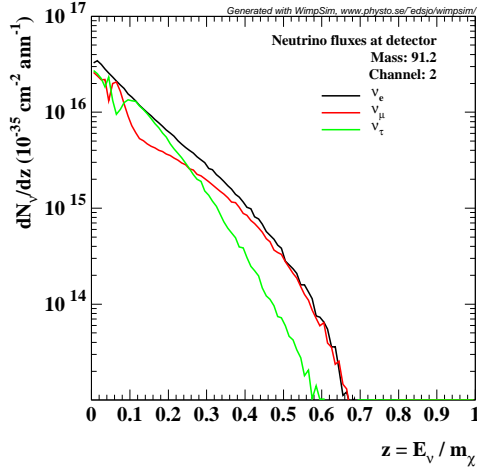
### 5.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



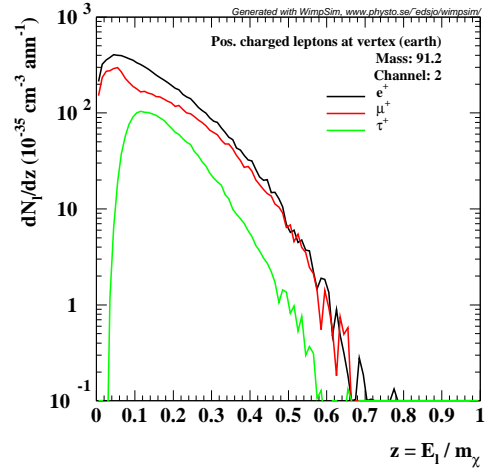
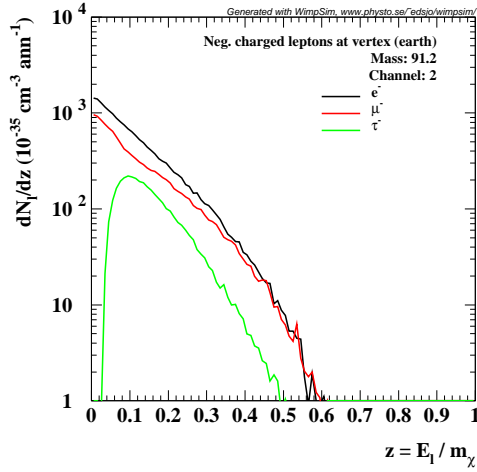
### 5.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



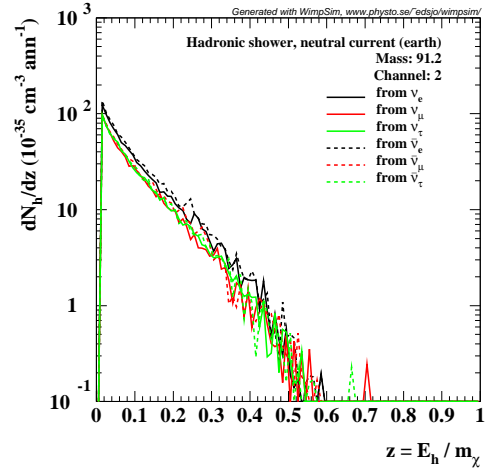
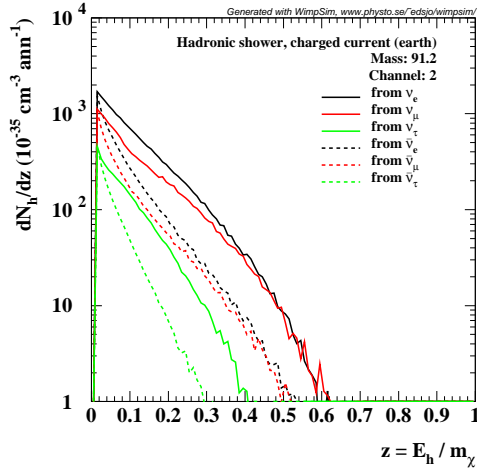
### 5.2.4 Neutrino fluxes at detector (Earth)



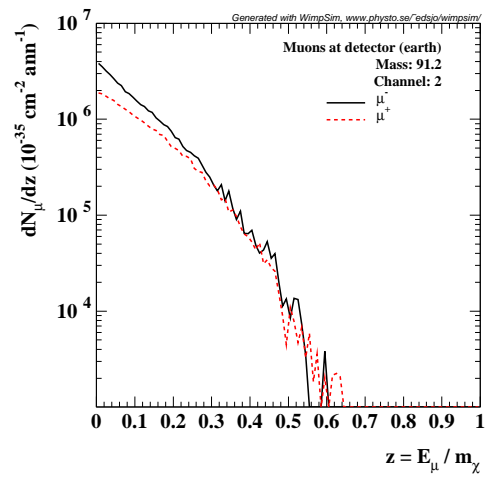
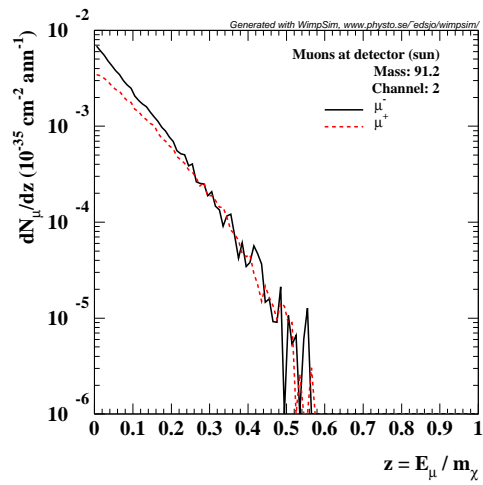
### 5.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 5.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

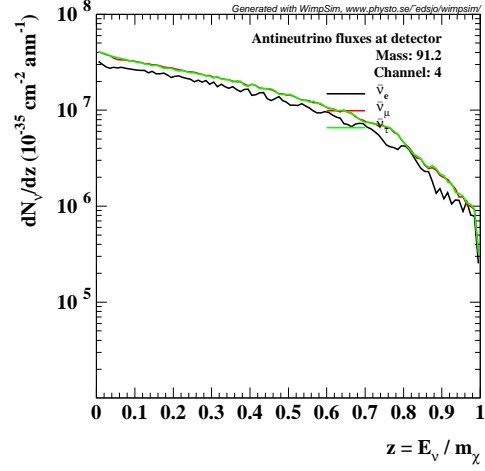
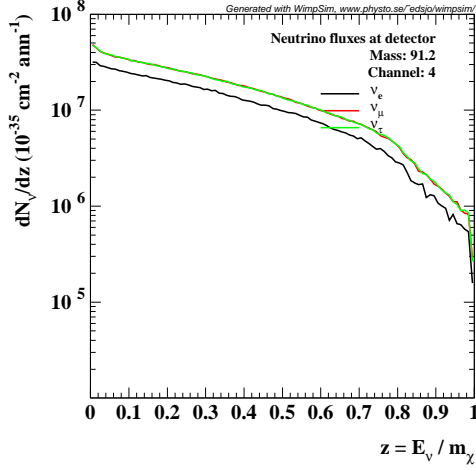


### 5.2.7 Muons at detector (Sun/Earth)

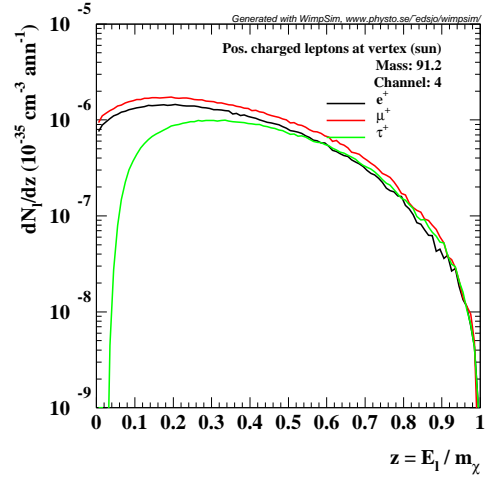
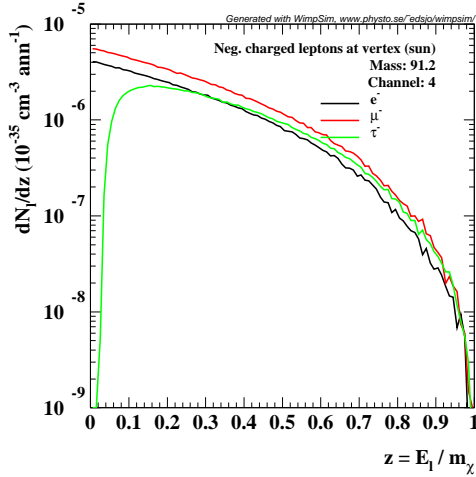


### 5.3 Channel 4 – $\tau^- \tau^+$

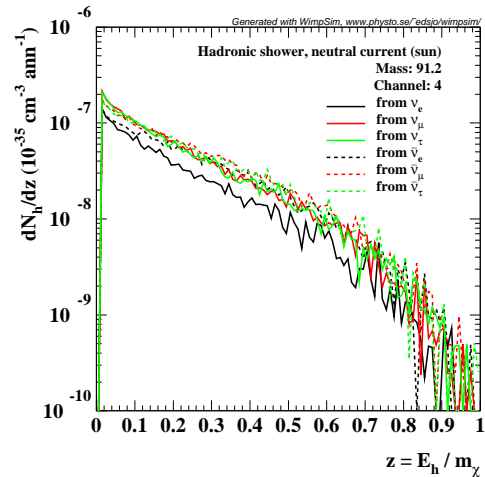
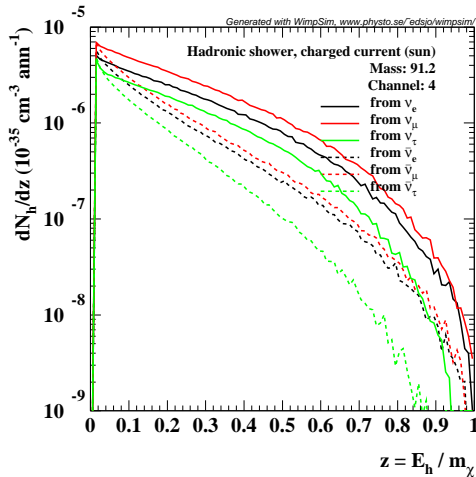
#### 5.3.1 Neutrino fluxes at detector (Sun)



#### 5.3.2 Charged leptons at neutrino-nucleon vertex (Sun)

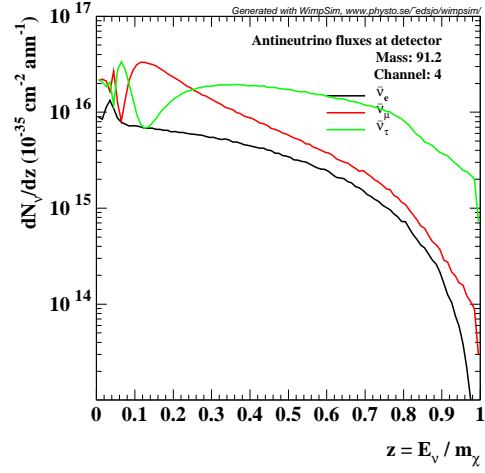
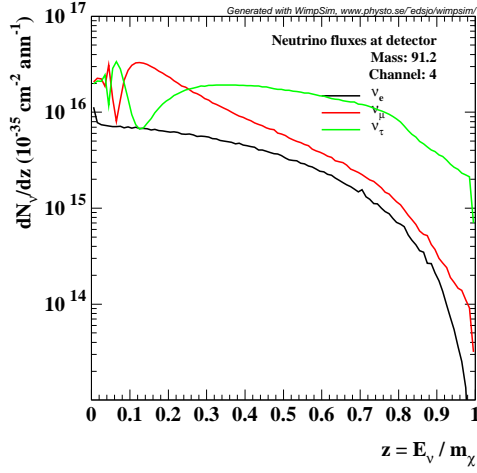


#### 5.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)

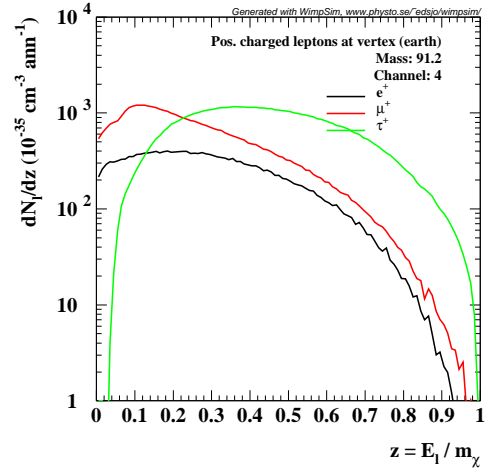
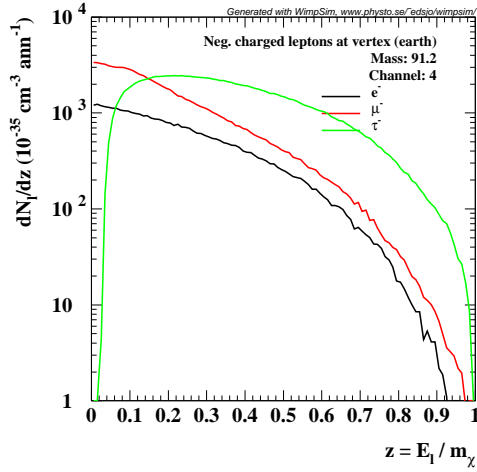




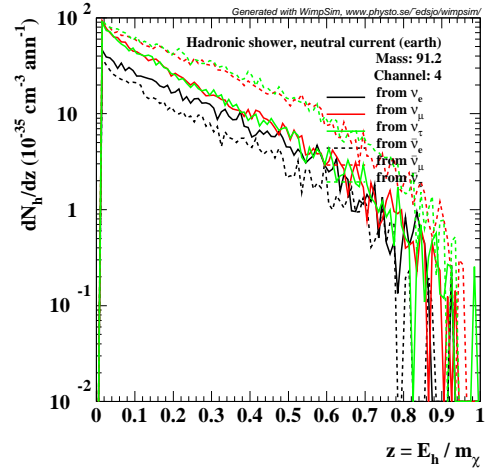
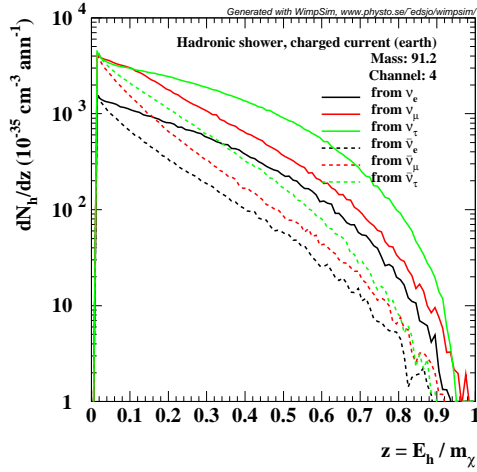
### 5.3.4 Neutrino fluxes at detector (Earth)



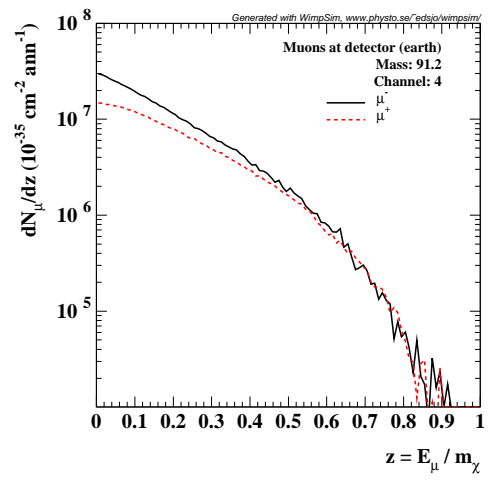
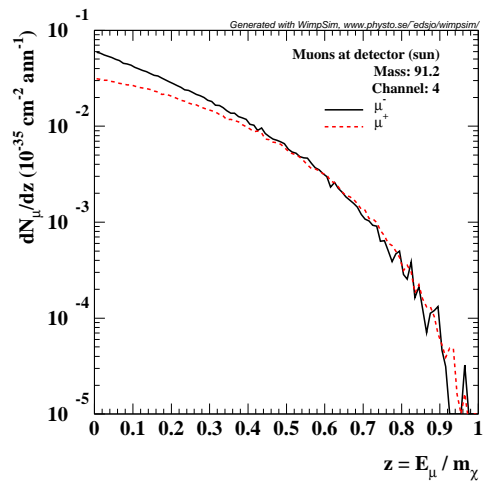
### 5.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 5.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

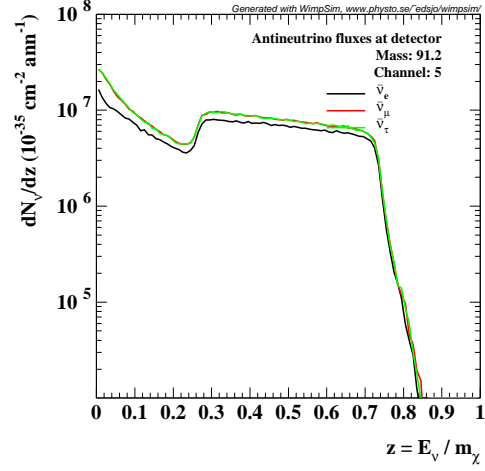
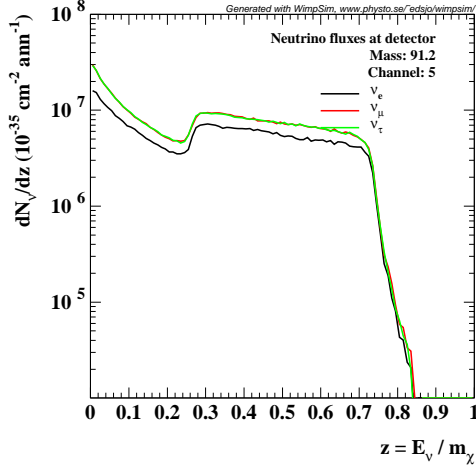


### 5.3.7 Muons at detector (Sun/Earth)

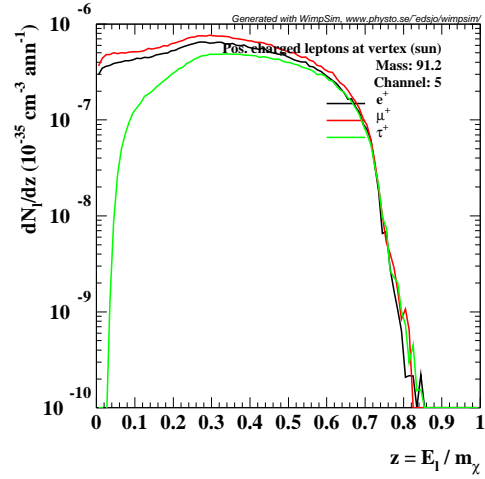
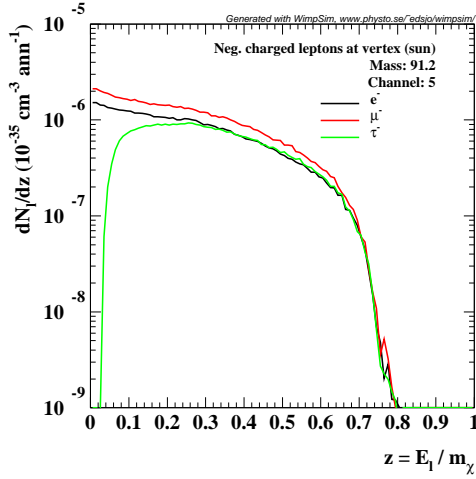


## 5.4 Channel 5 – $W^-W^+$

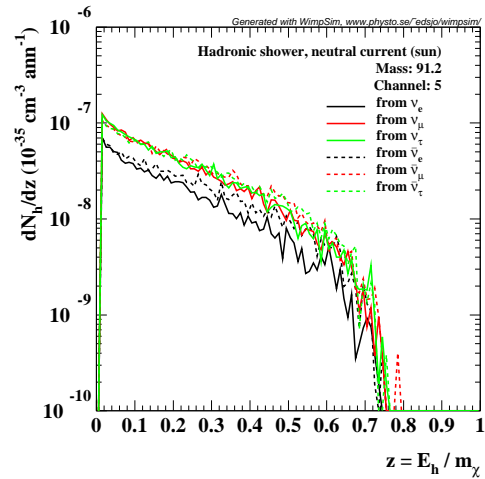
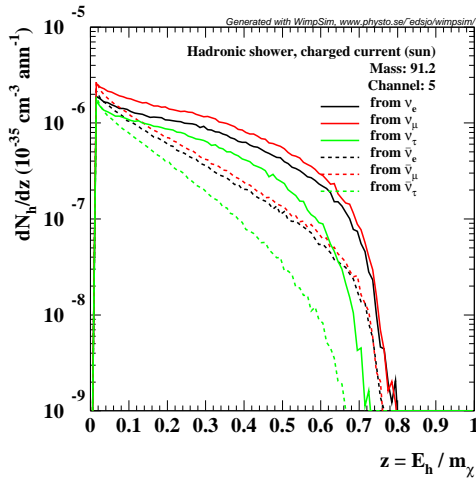
### 5.4.1 Neutrino fluxes at detector (Sun)



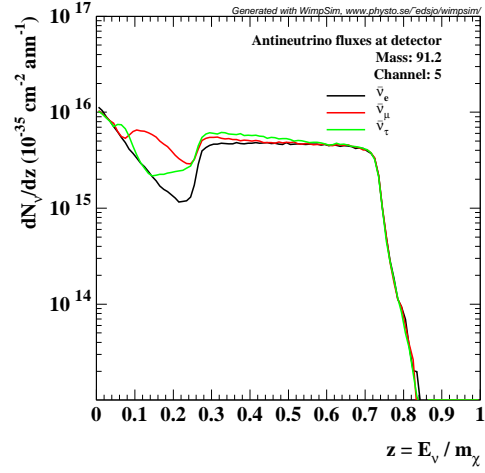
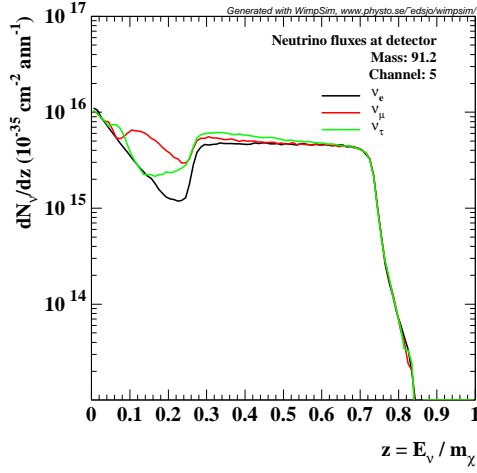
### 5.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



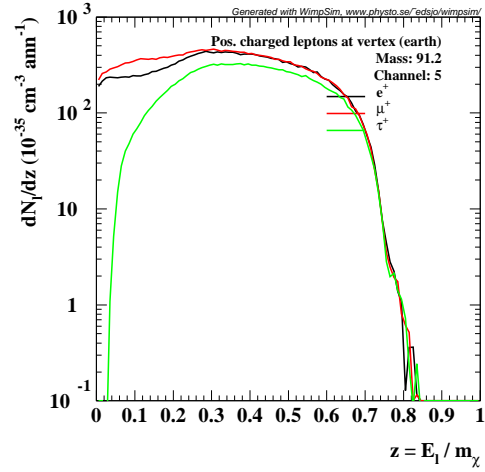
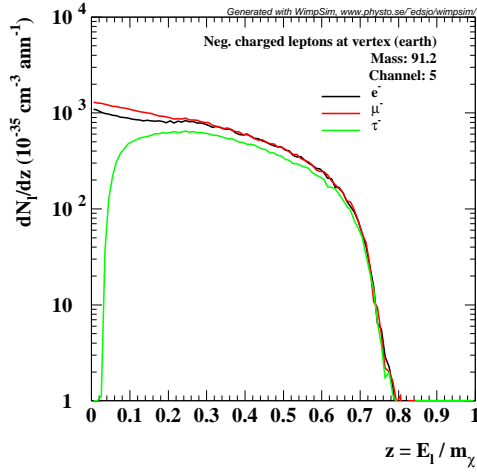
### 5.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



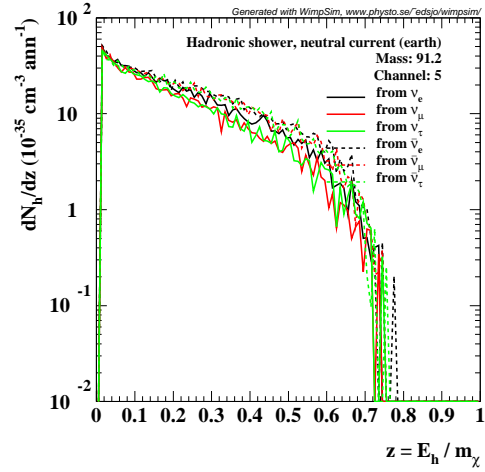
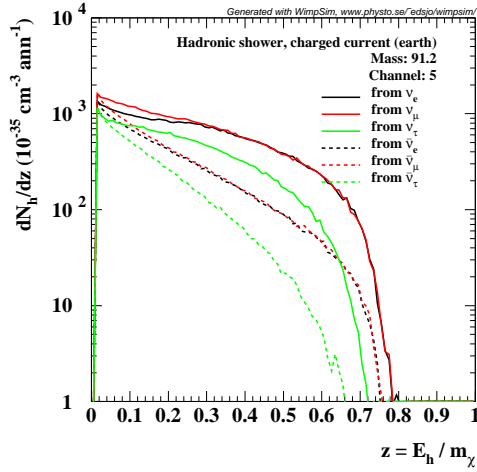
#### 5.4.4 Neutrino fluxes at detector (Earth)



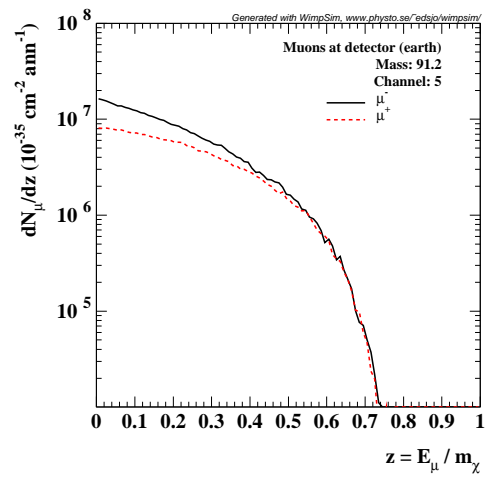
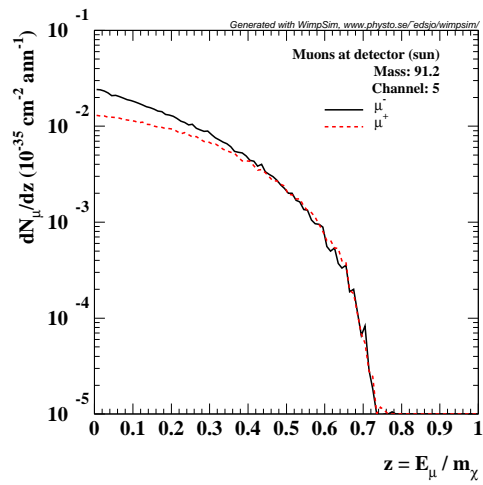
#### 5.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 5.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

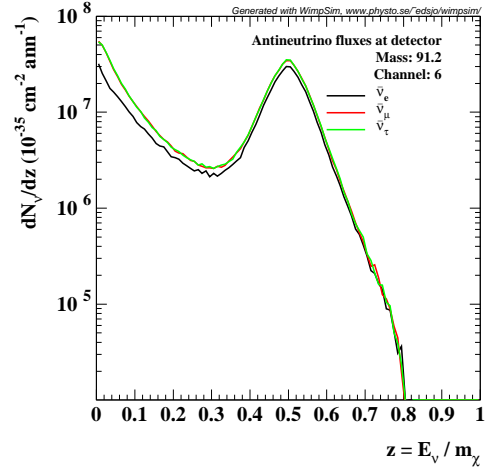
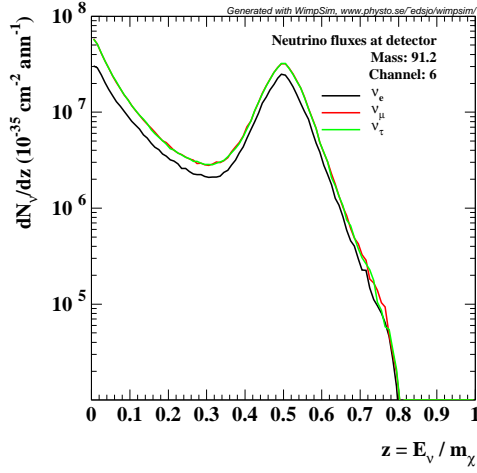


### 5.4.7 Muons at detector (Sun/Earth)

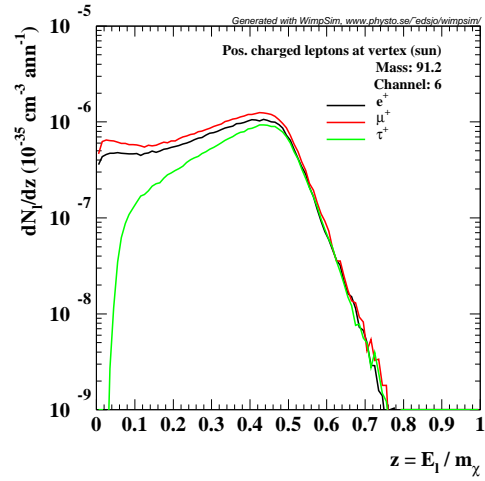
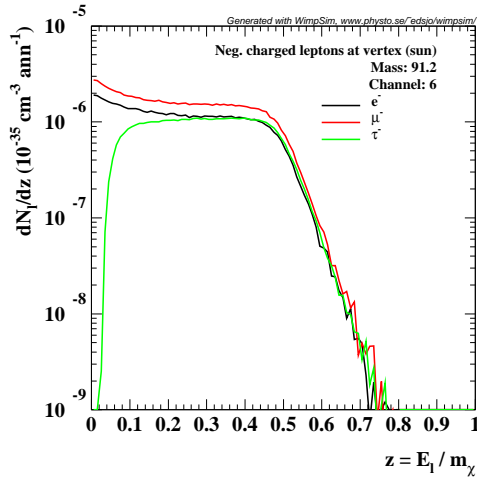


## 5.5 Channel 6 – $Z^0 Z^0$

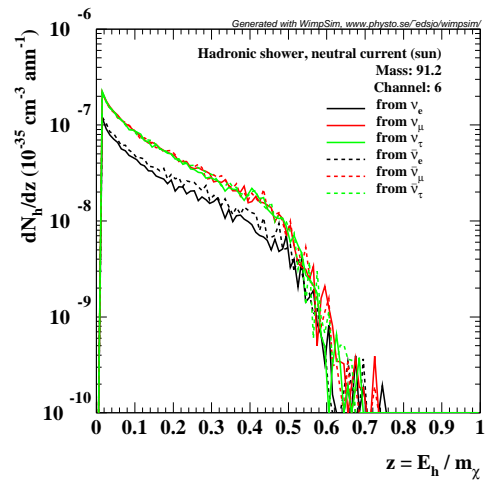
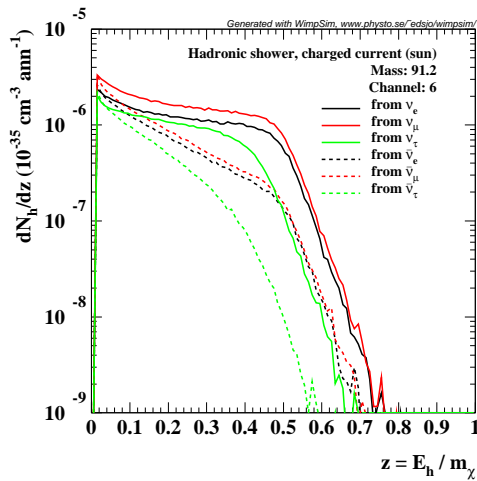
### 5.5.1 Neutrino fluxes at detector (Sun)



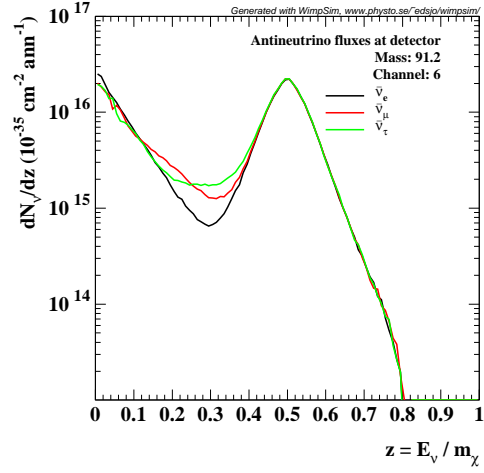
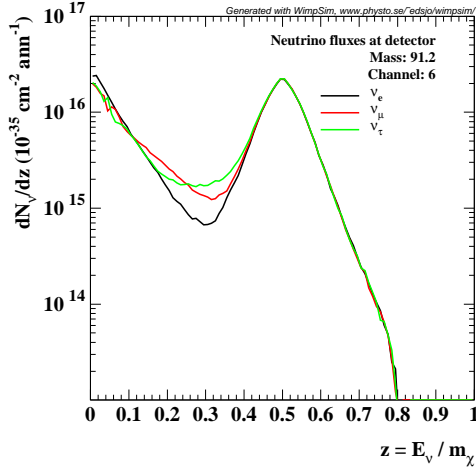
### 5.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



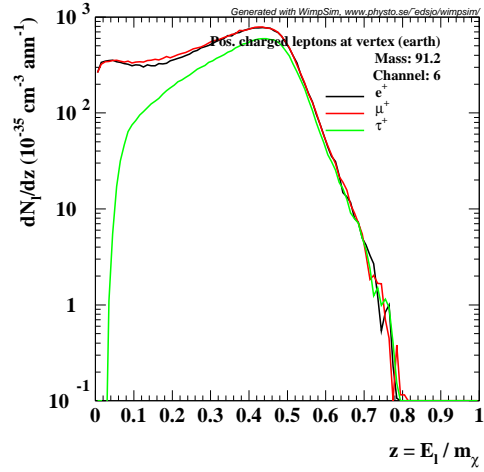
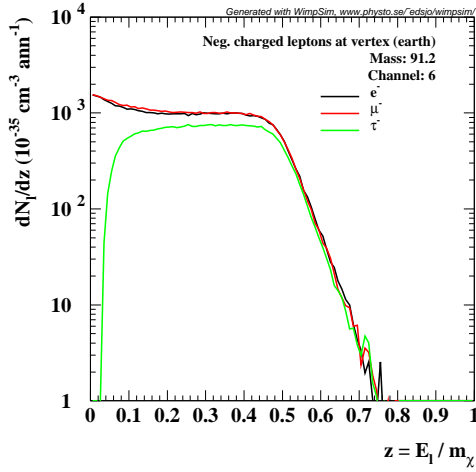
### 5.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



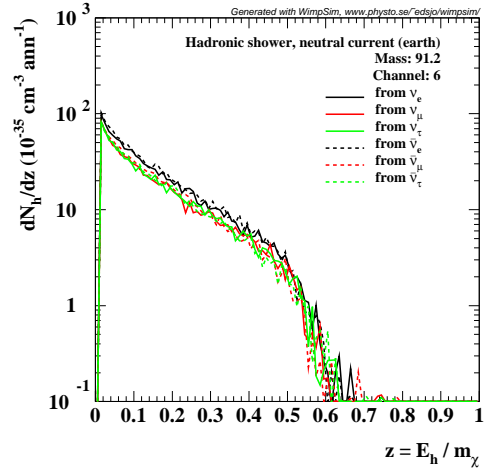
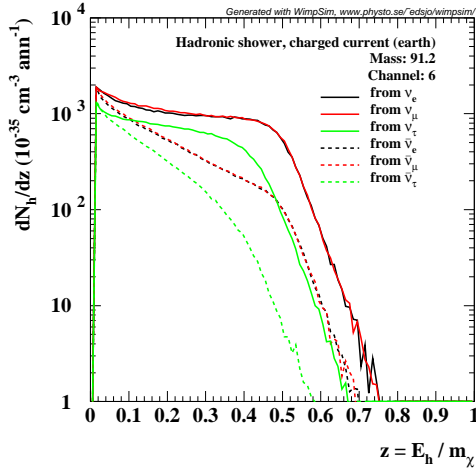
### 5.5.4 Neutrino fluxes at detector (Earth)



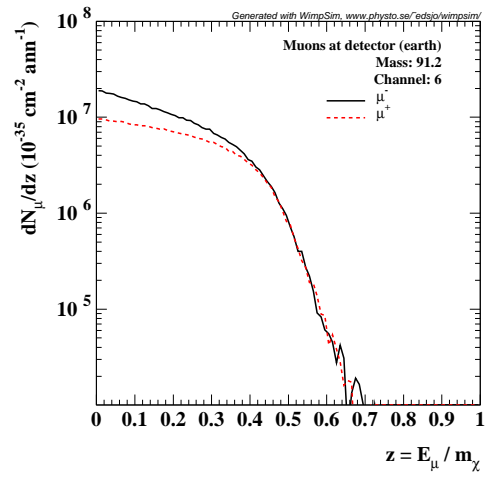
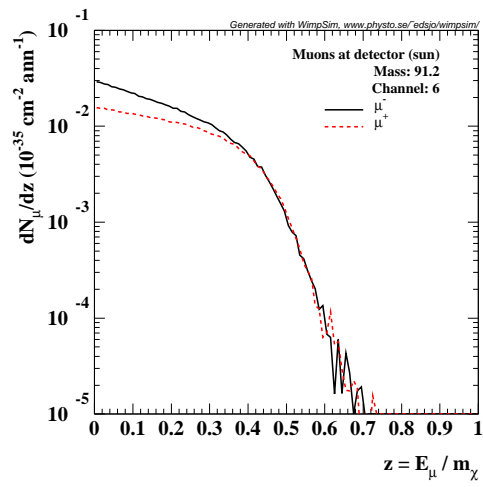
### 5.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 5.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)



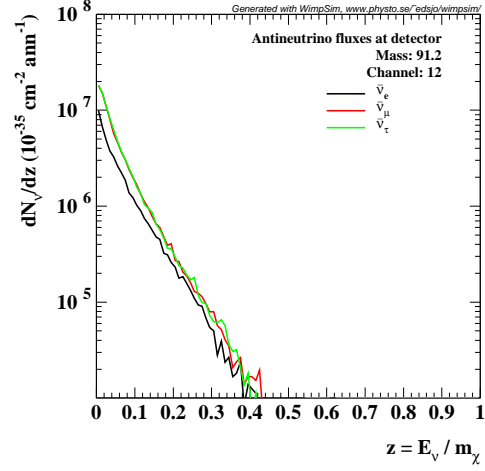
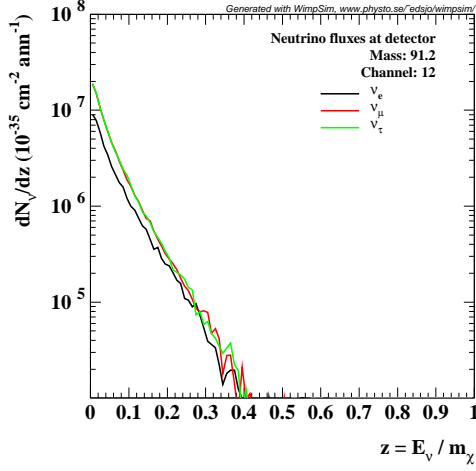
### 5.5.7 Muons at detector (Sun/Earth)



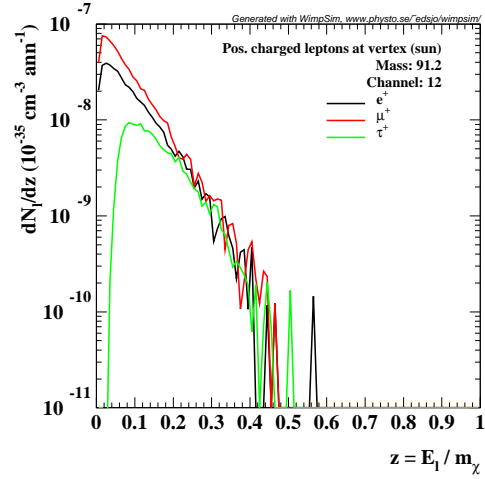
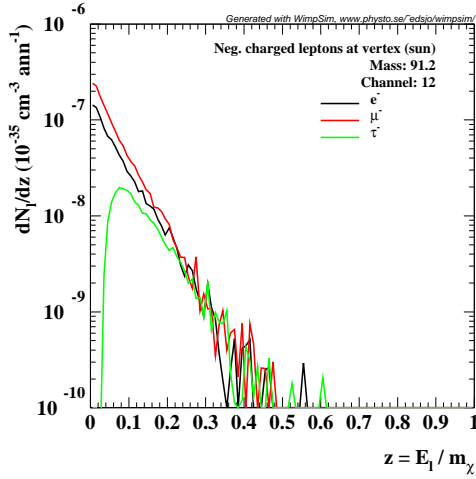


## 5.6 Channel 12 – $gg$

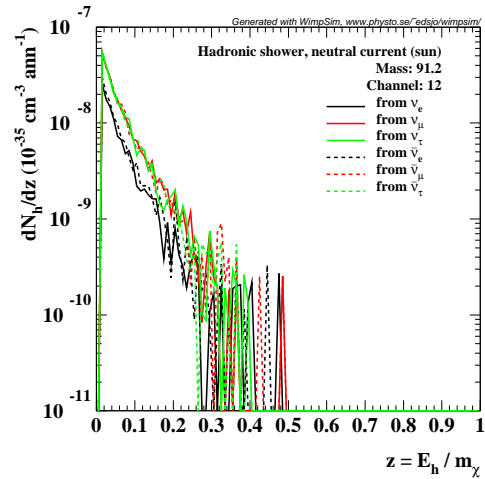
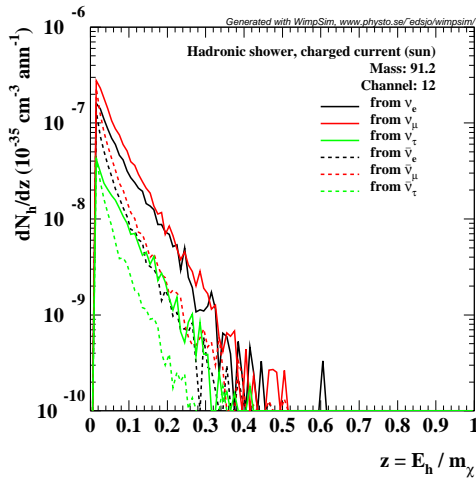
### 5.6.1 Neutrino fluxes at detector (Sun)



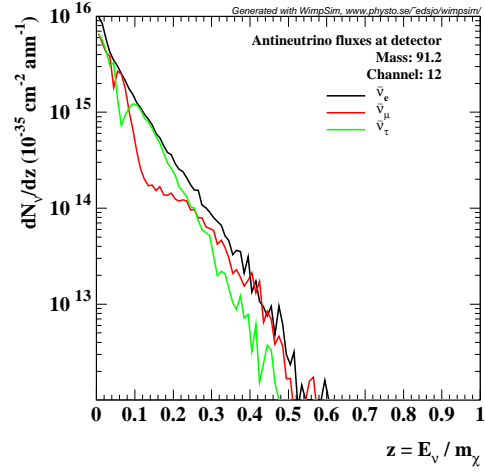
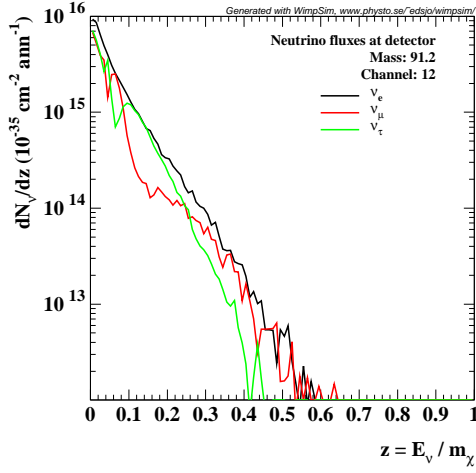
### 5.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



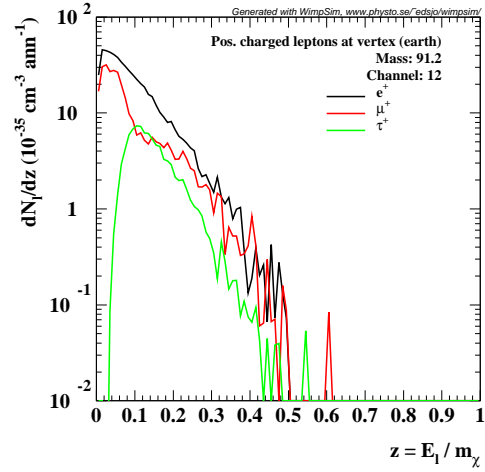
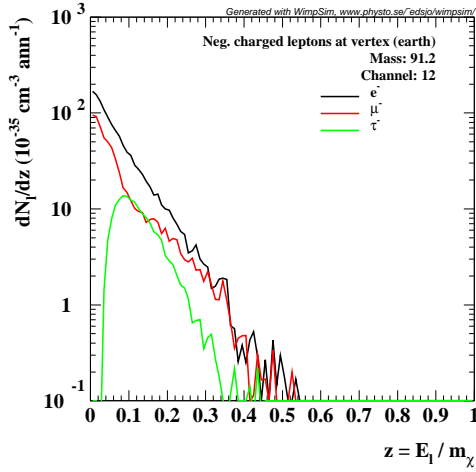
### 5.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



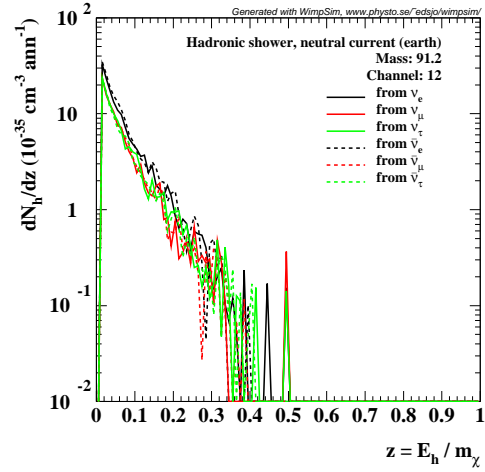
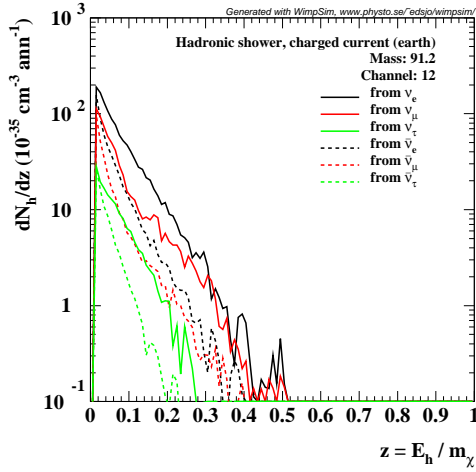
### 5.6.4 Neutrino fluxes at detector (Earth)



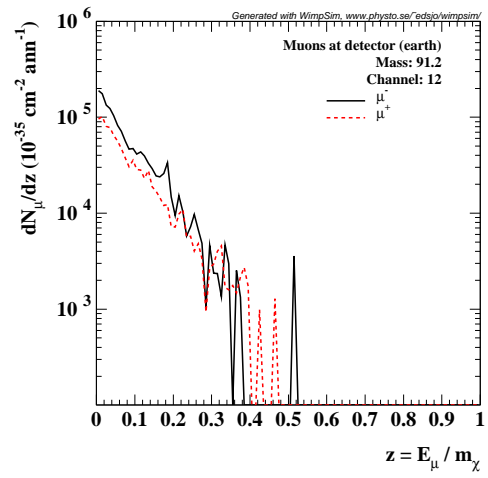
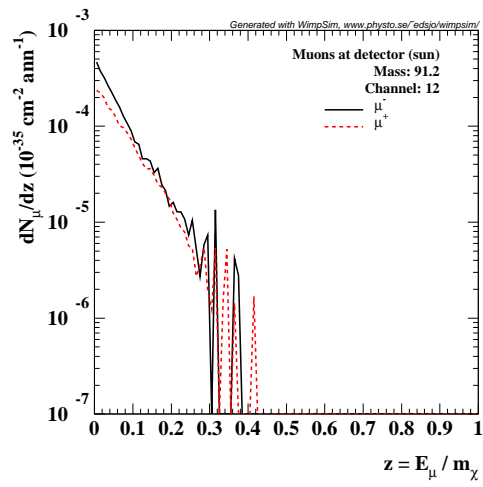
### 5.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 5.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

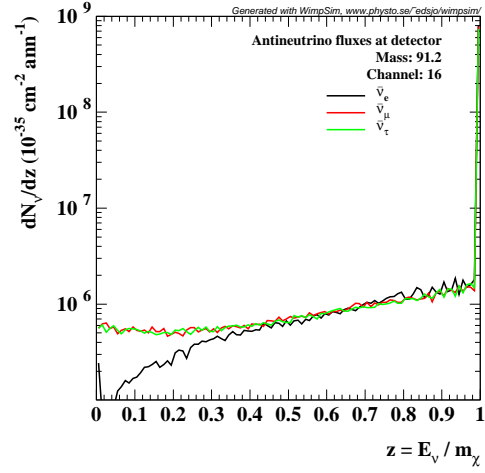
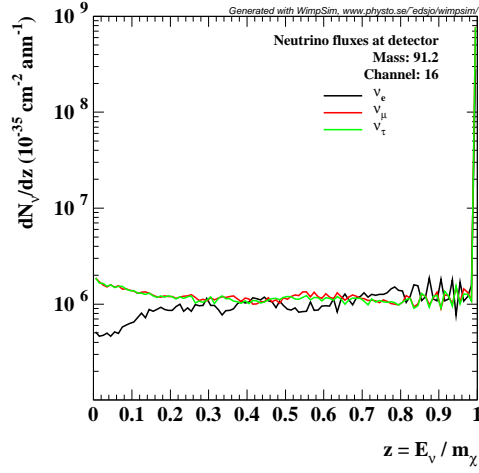


### 5.6.7 Muons at detector (Sun/Earth)

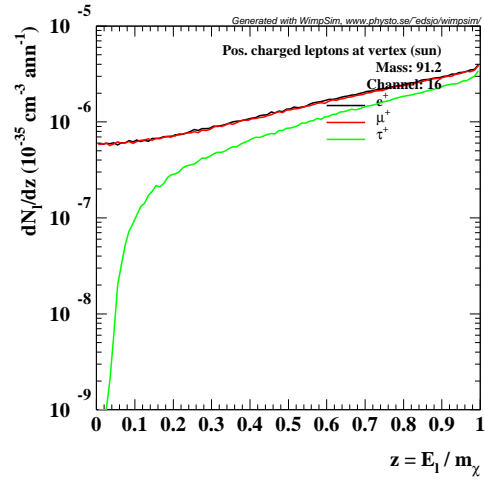
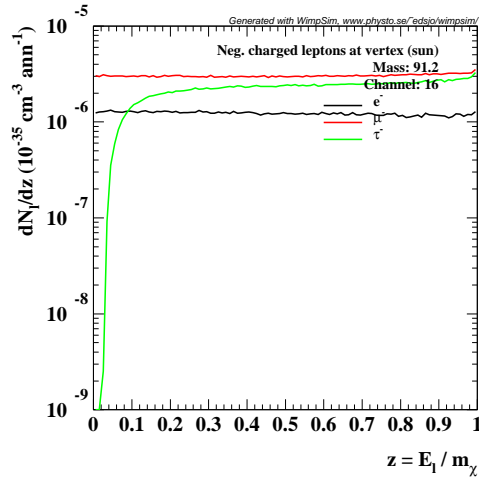


## 5.7 Channel 16 – $\nu_e \bar{\nu}_e$

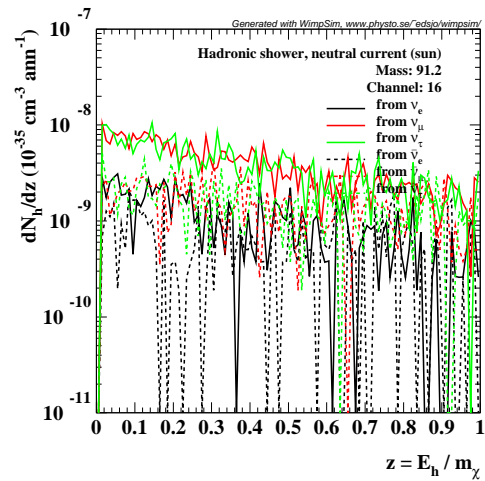
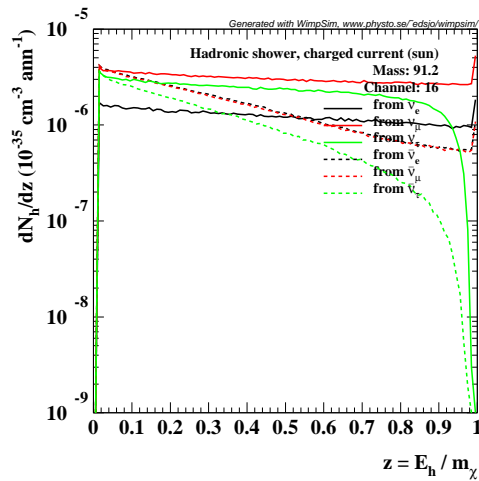
### 5.7.1 Neutrino fluxes at detector (Sun)



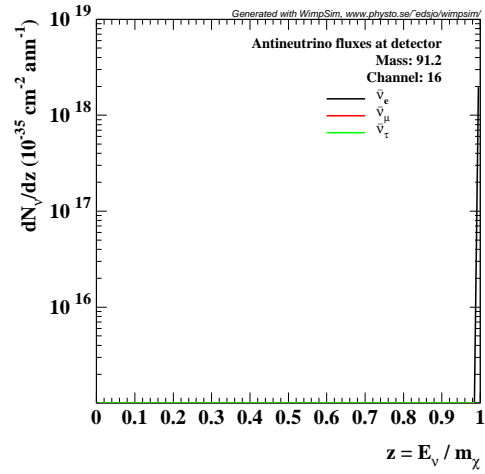
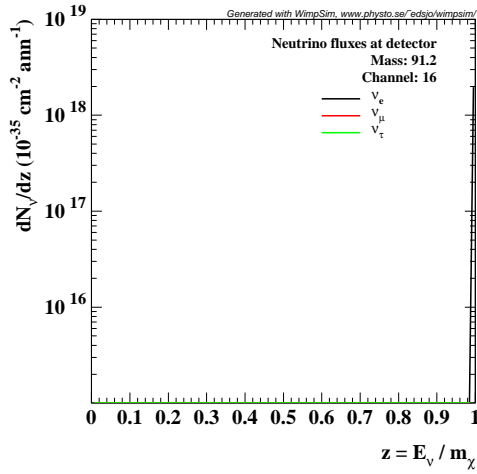
### 5.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



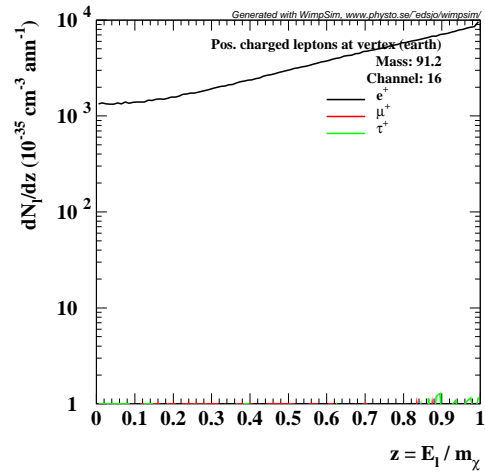
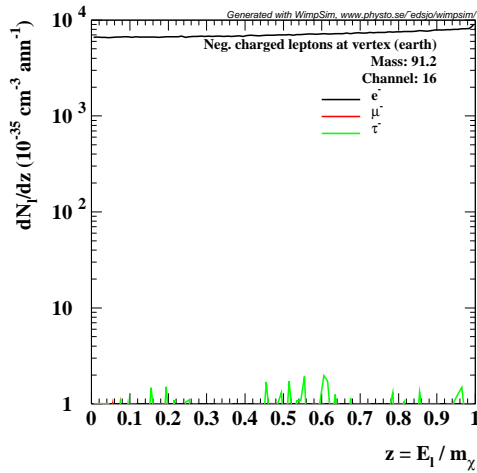
### 5.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



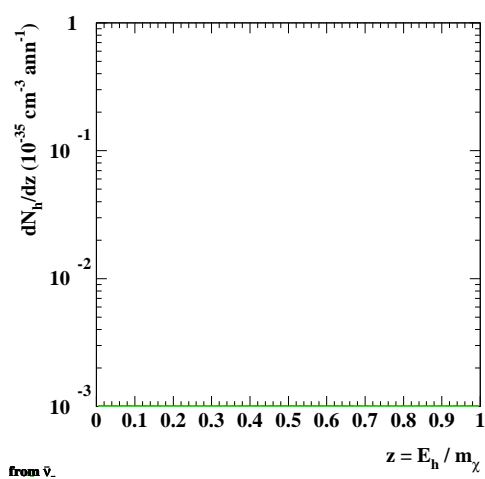
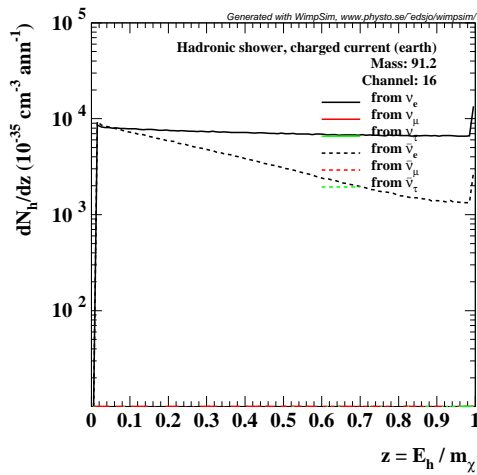
### 5.7.4 Neutrino fluxes at detector (Earth)



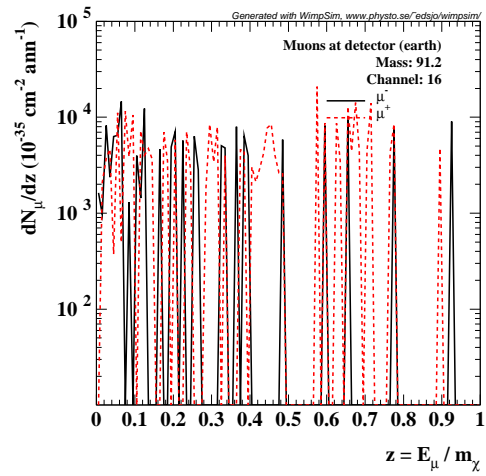
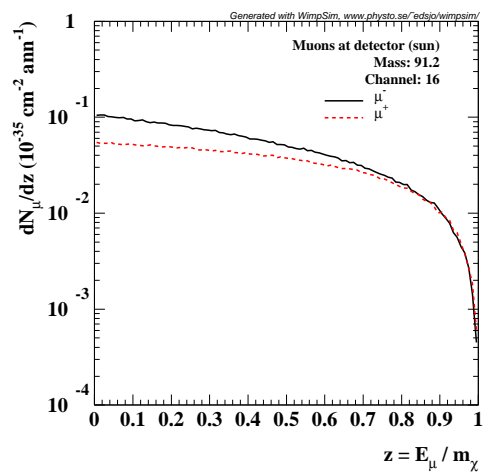
### 5.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 5.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)

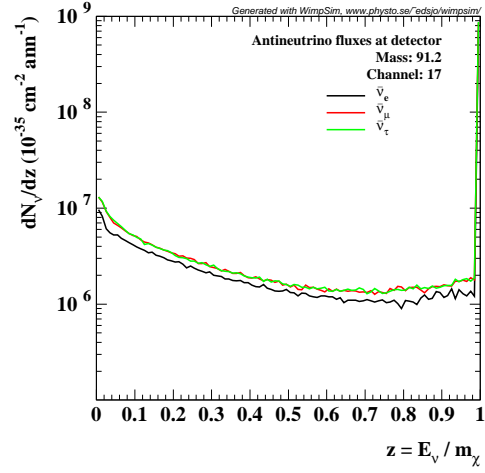
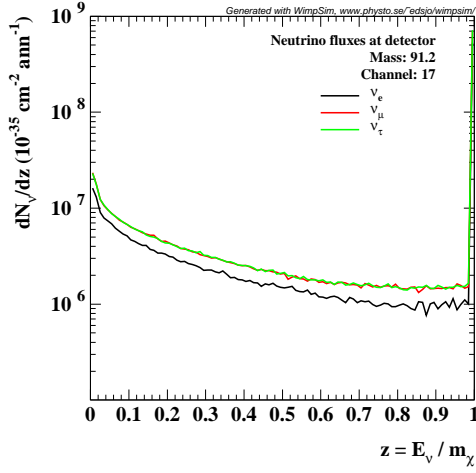


### 5.7.7 Muons at detector (Sun/Earth)

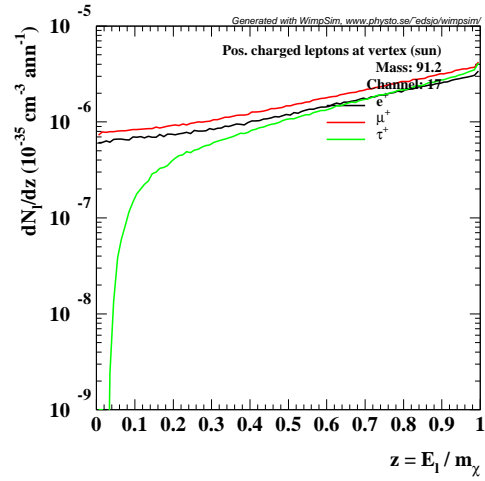
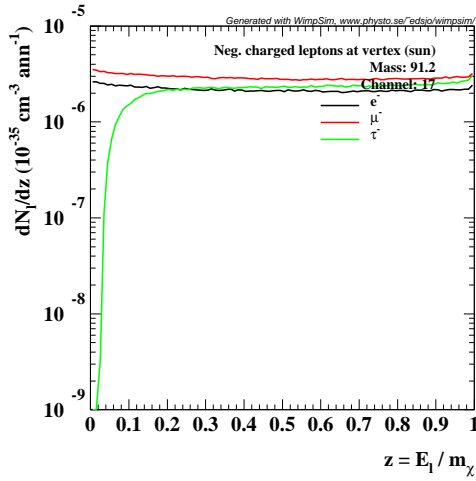


## 5.8 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

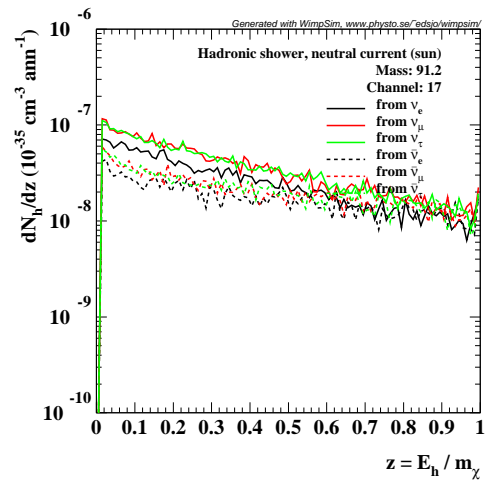
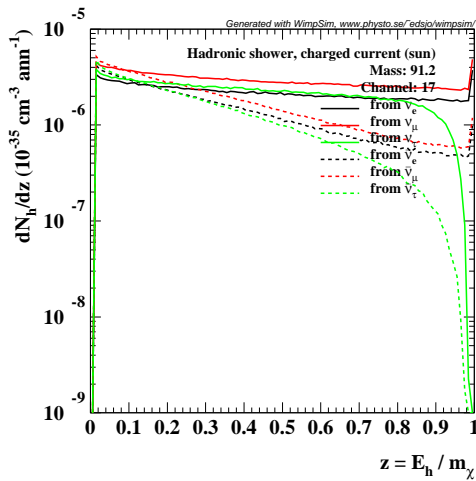
### 5.8.1 Neutrino fluxes at detector (Sun)



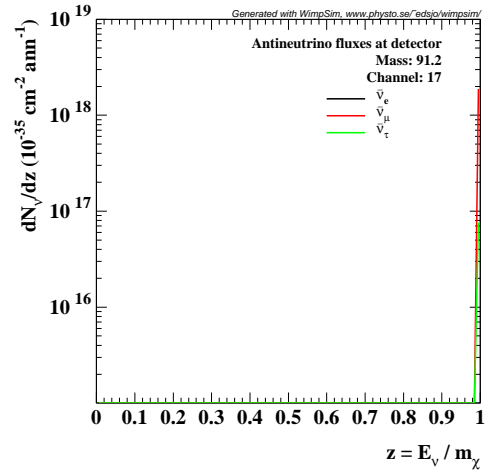
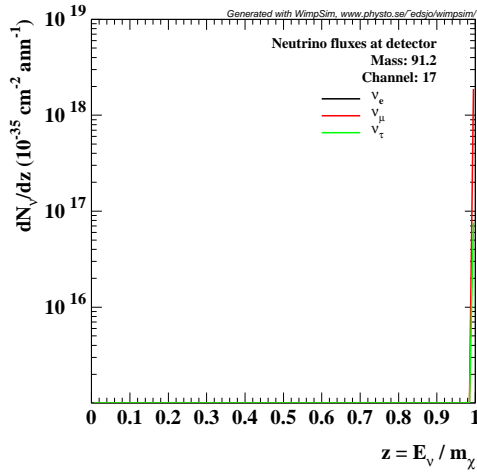
### 5.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



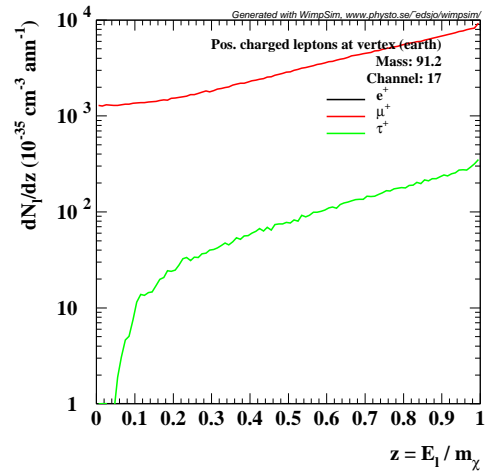
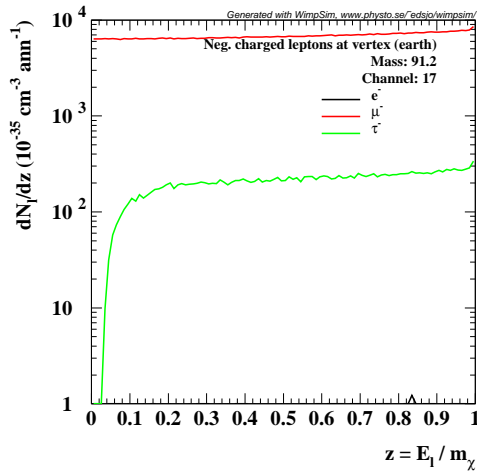
### 5.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



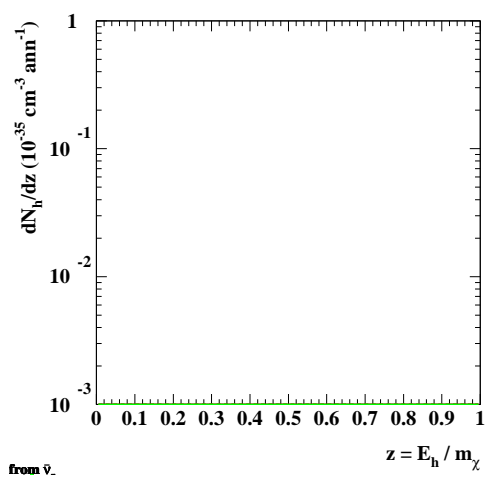
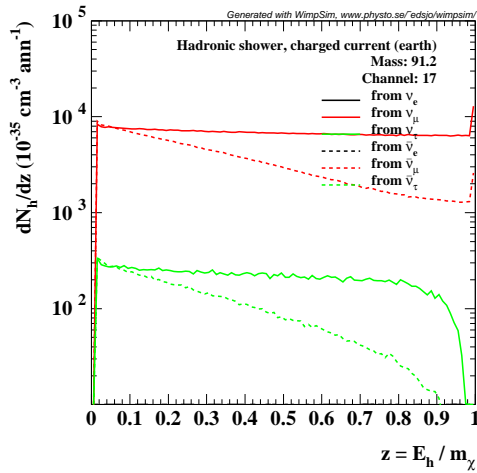
### 5.8.4 Neutrino fluxes at detector (Earth)



### 5.8.5 Charged leptons at neutrino-nucleon vertex (Earth)

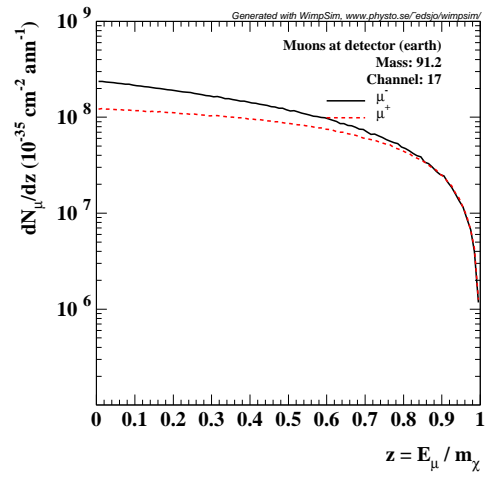
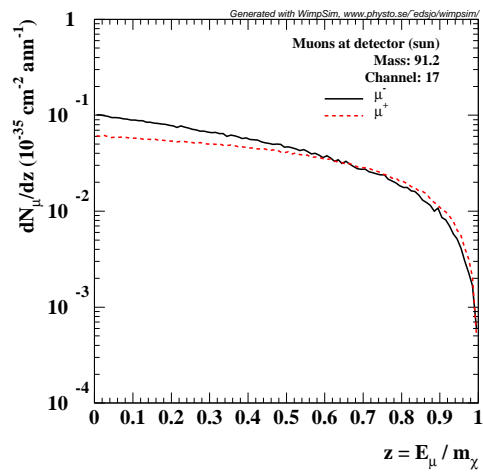


### 5.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)



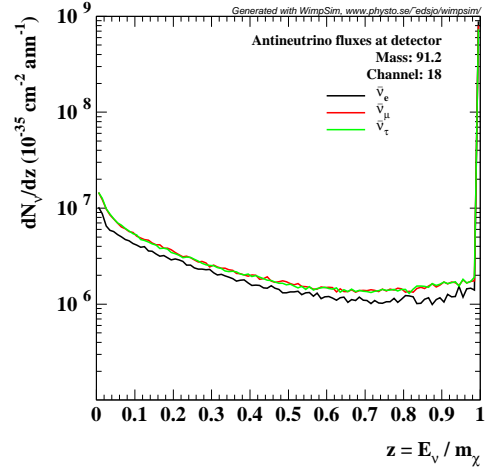
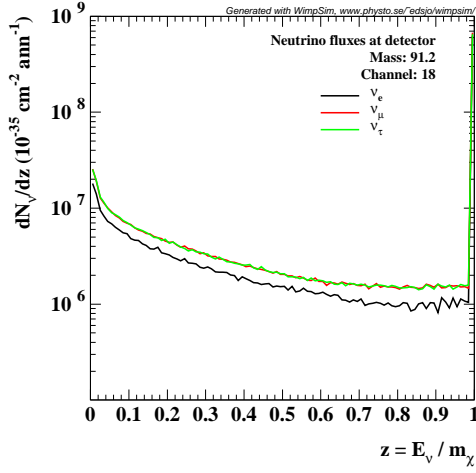


### 5.8.7 Muons at detector (Sun/Earth)

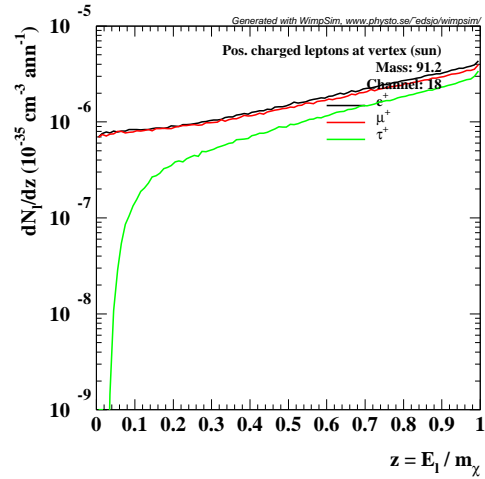
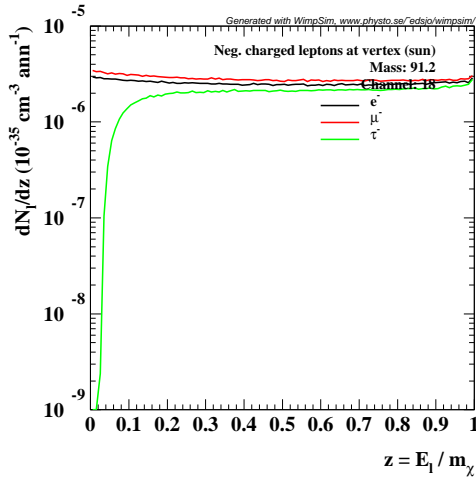


## 5.9 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

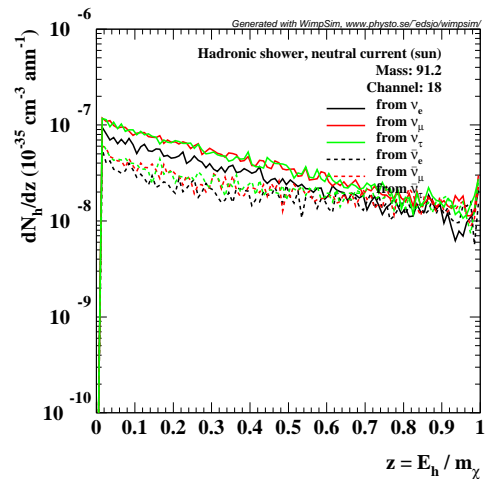
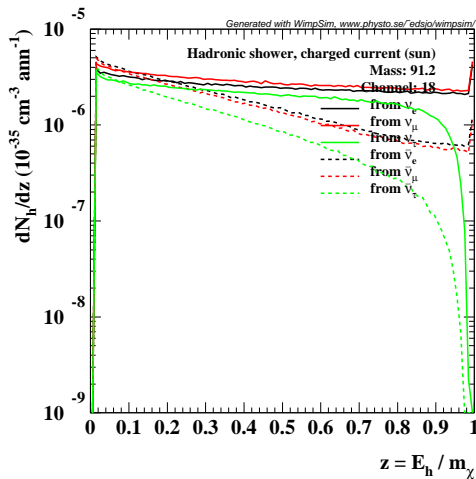
### 5.9.1 Neutrino fluxes at detector (Sun)



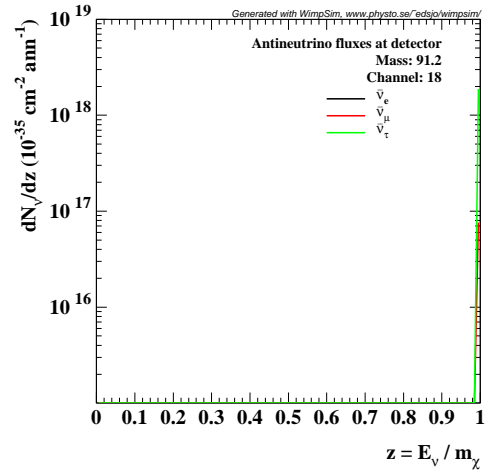
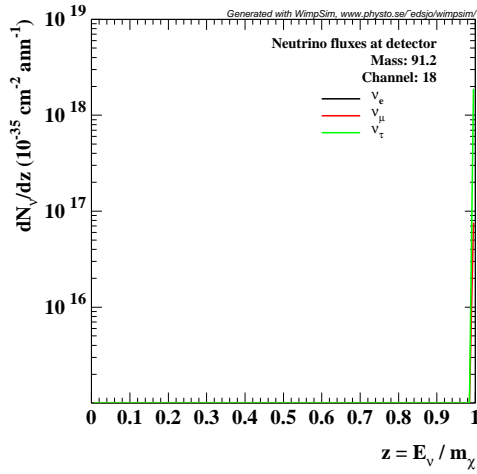
### 5.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



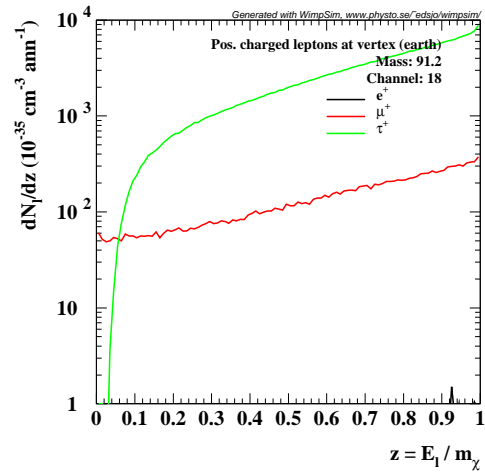
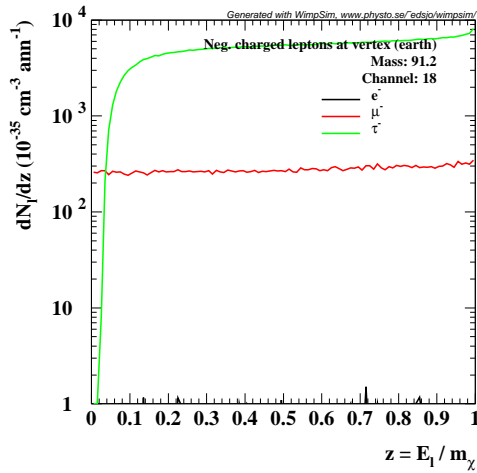
### 5.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



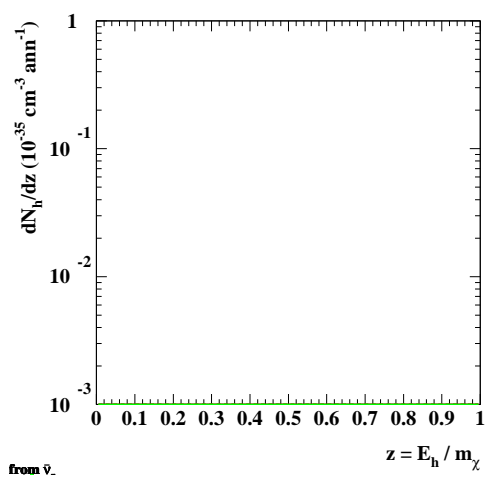
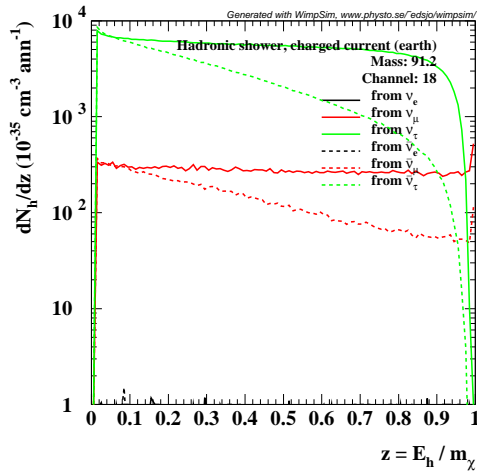
### 5.9.4 Neutrino fluxes at detector (Earth)



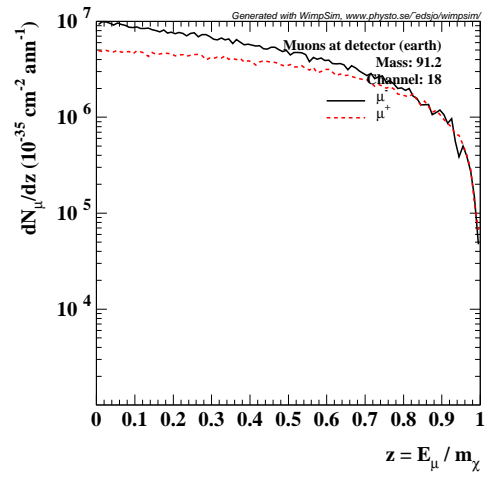
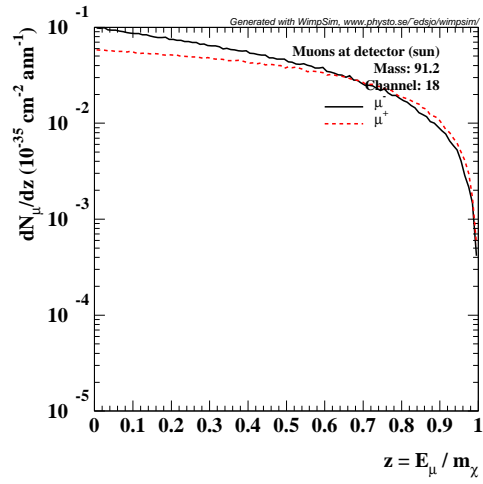
### 5.9.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 5.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)



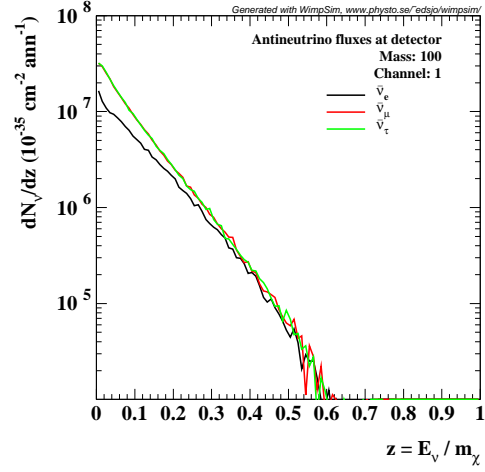
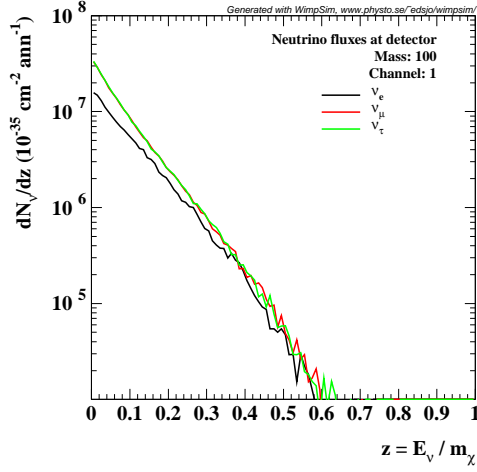
### 5.9.7 Muons at detector (Sun/Earth)



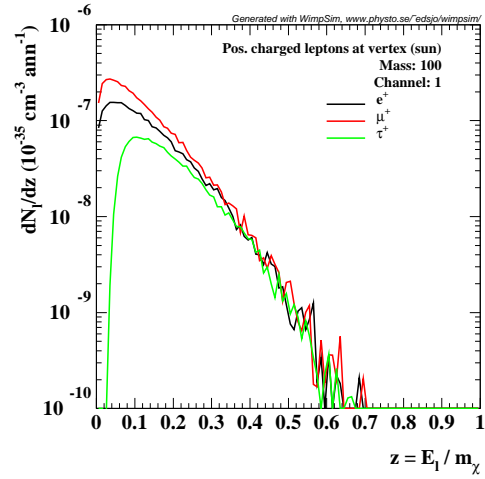
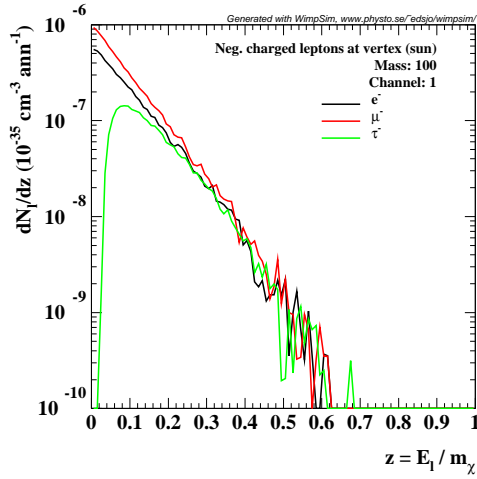
## 6 Mass 100

### 6.1 Channel 1 – $c\bar{c}$

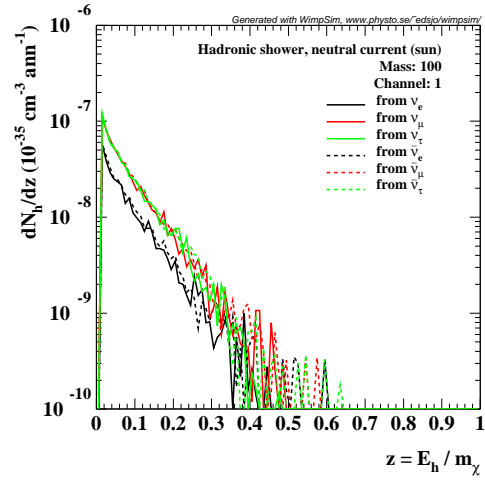
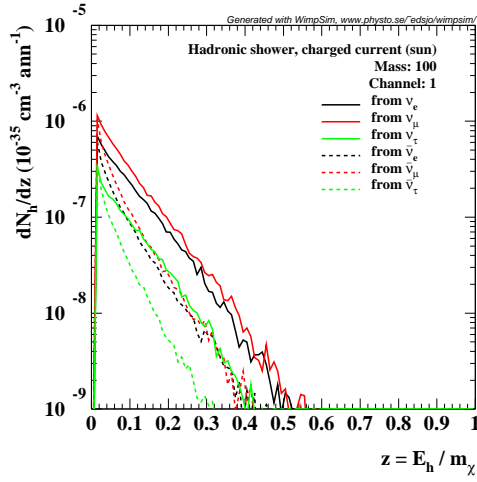
#### 6.1.1 Neutrino fluxes at detector (Sun)



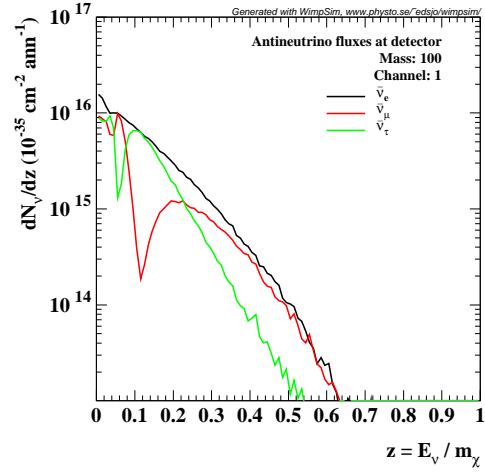
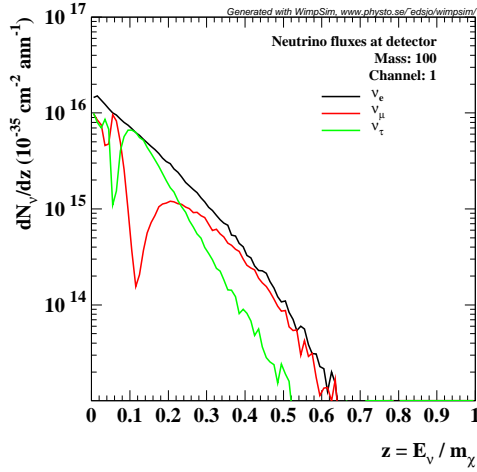
#### 6.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



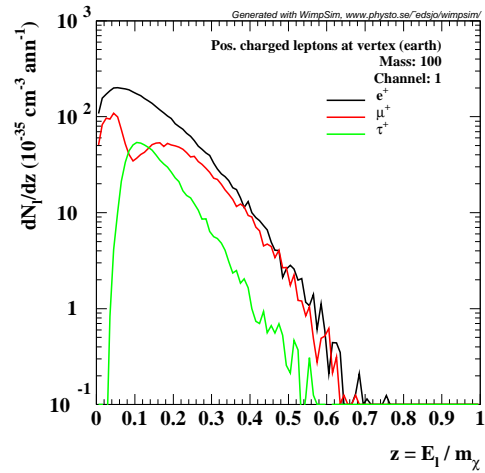
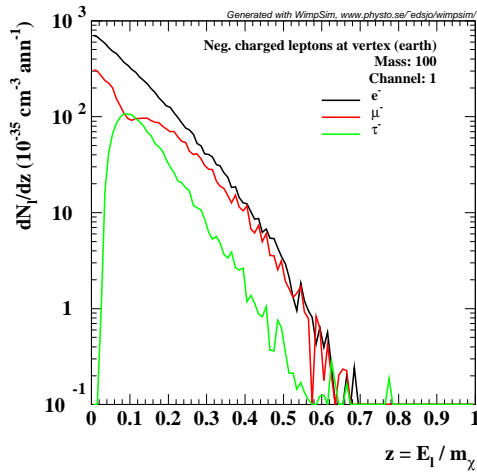
### 6.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



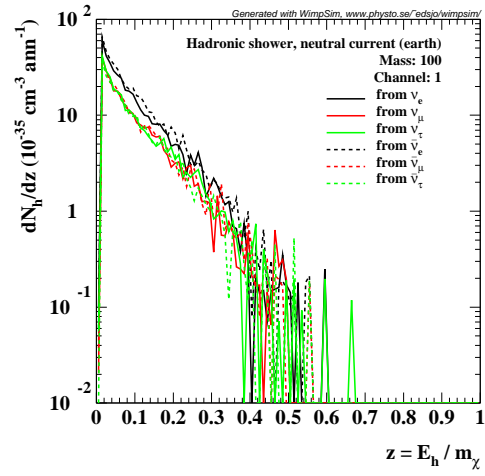
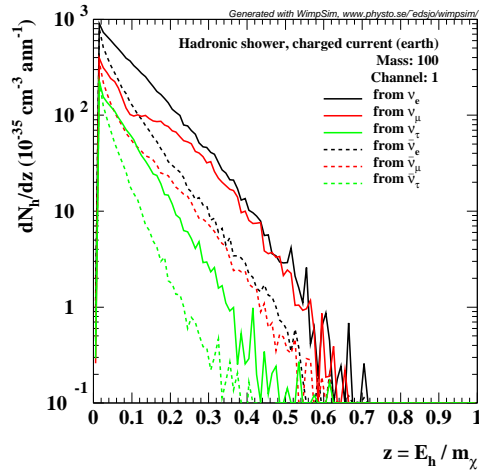
### 6.1.4 Neutrino fluxes at detector (Earth)



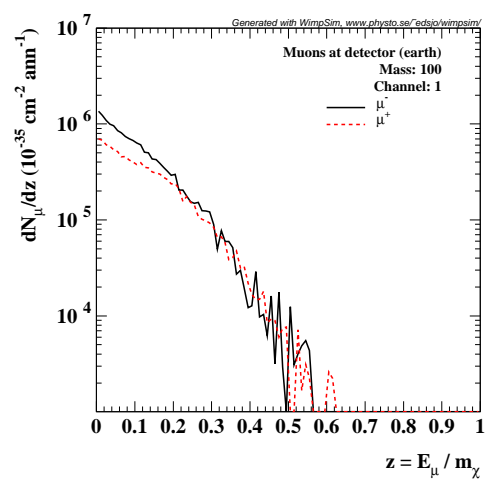
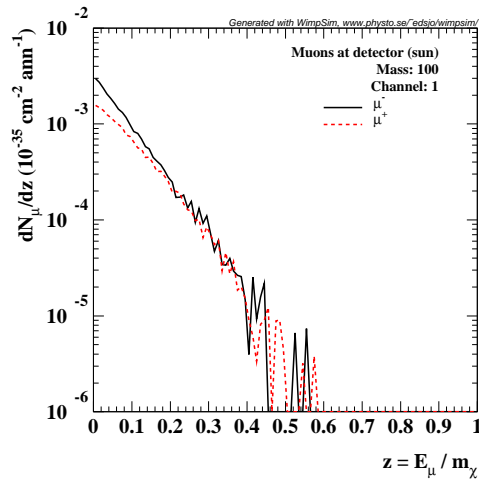
### 6.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 6.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

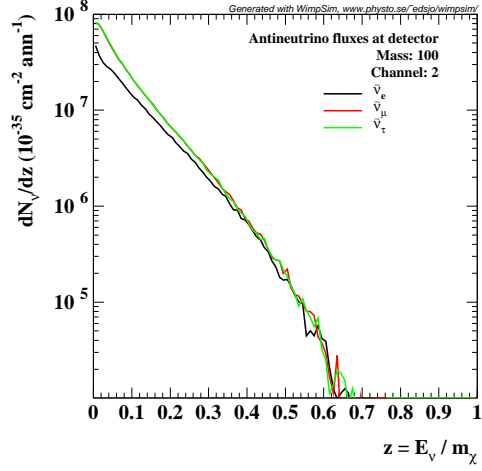
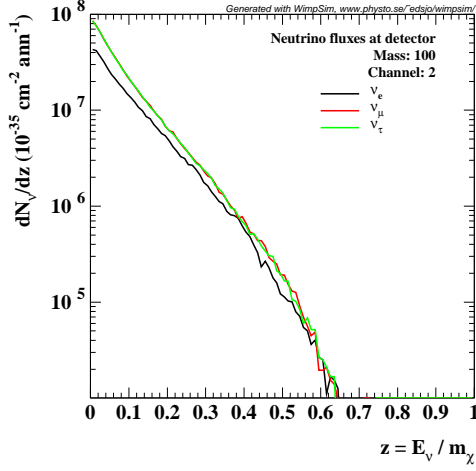


### 6.1.7 Muons at detector (Sun/Earth)

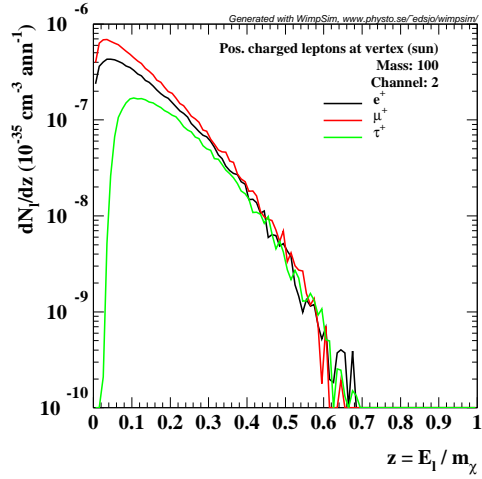
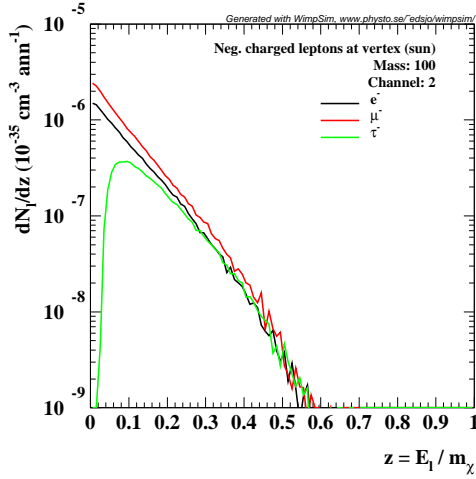


## 6.2 Channel 2 – $b\bar{b}$

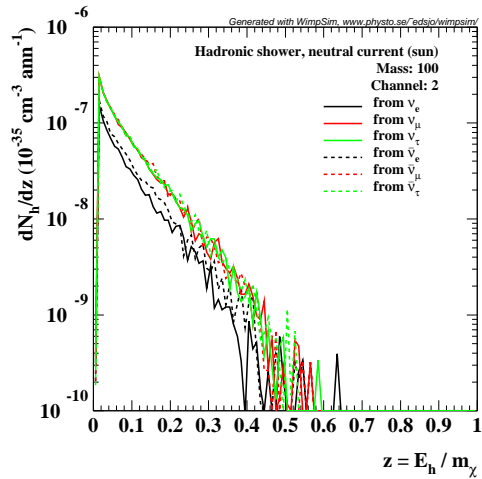
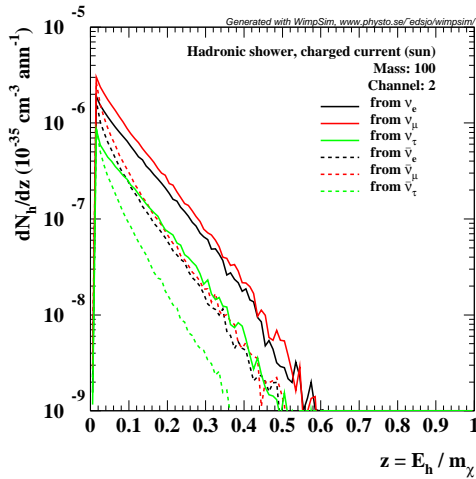
### 6.2.1 Neutrino fluxes at detector (Sun)



### 6.2.2 Charged leptons at neutrino-nucleon vertex (Sun)

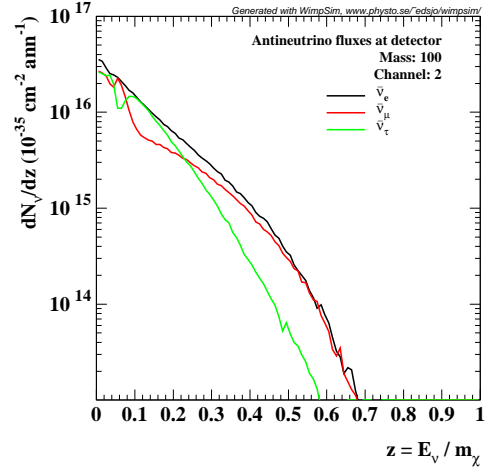
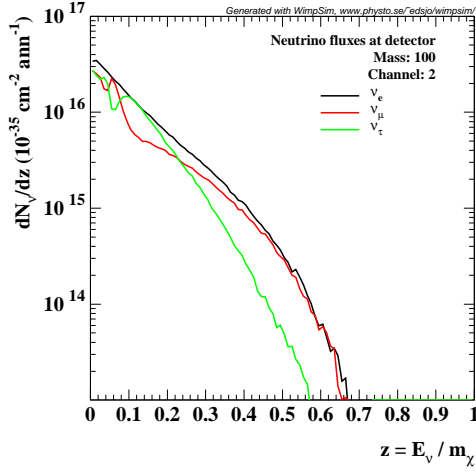


### 6.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)

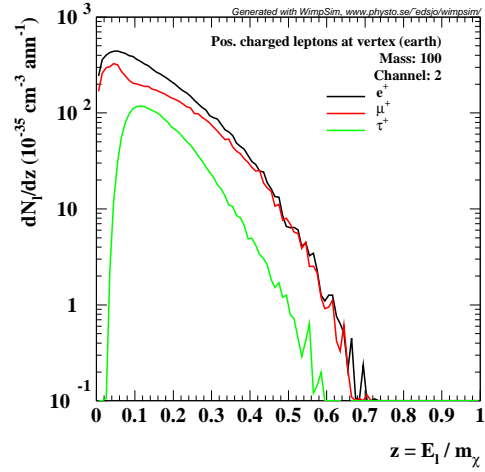
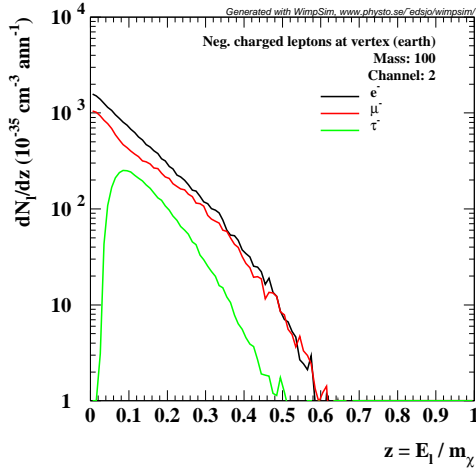




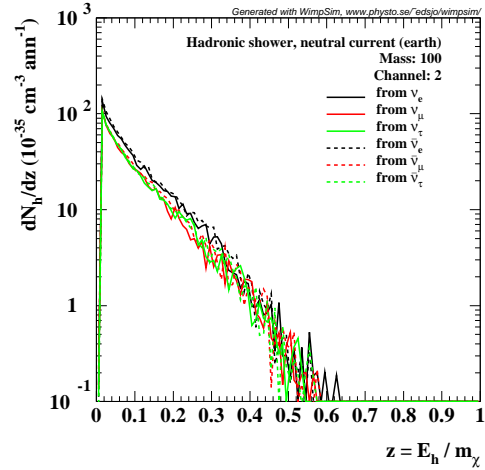
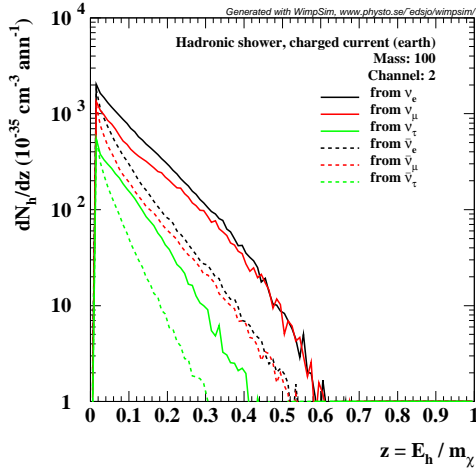
### 6.2.4 Neutrino fluxes at detector (Earth)



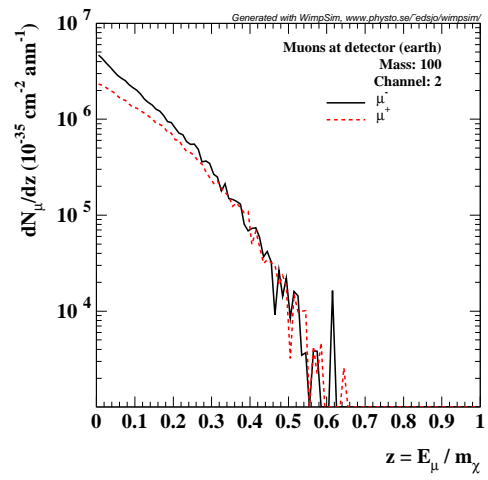
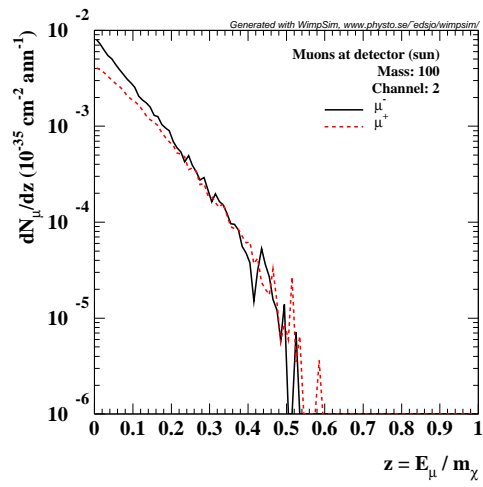
### 6.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 6.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

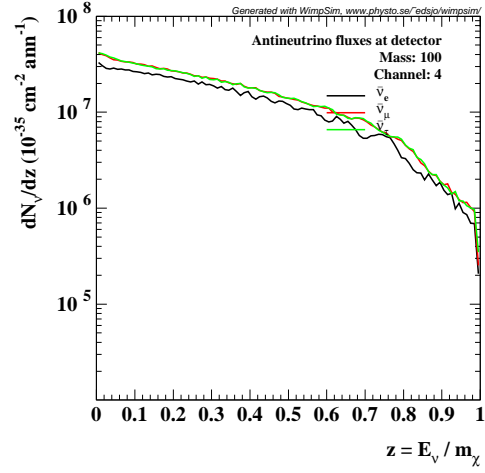
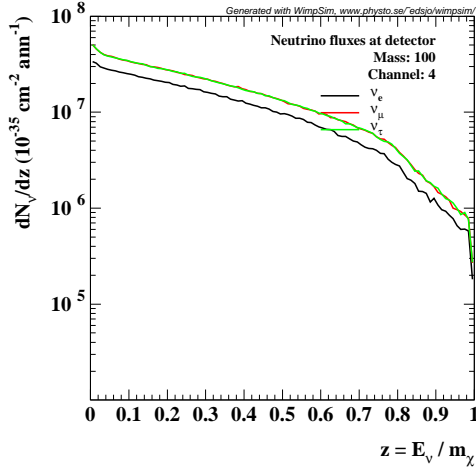


### 6.2.7 Muons at detector (Sun/Earth)

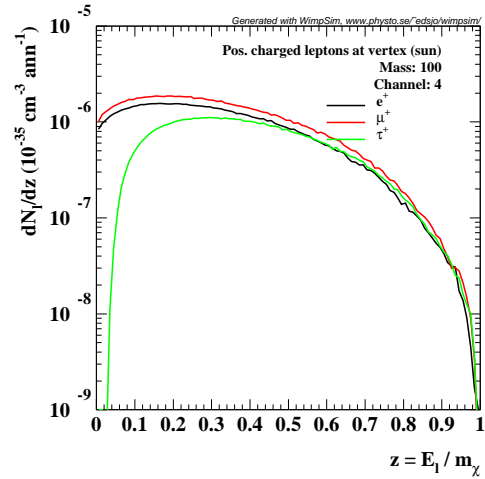
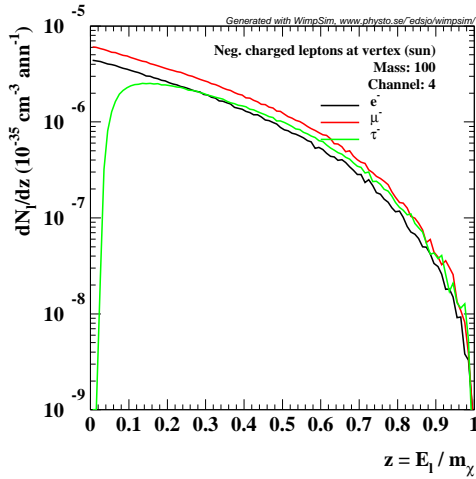


### 6.3 Channel 4 – $\tau^- \tau^+$

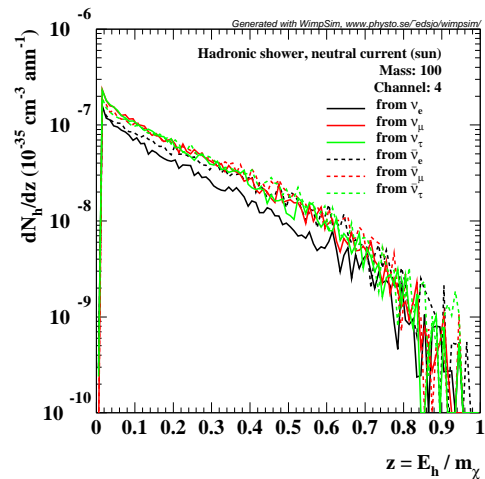
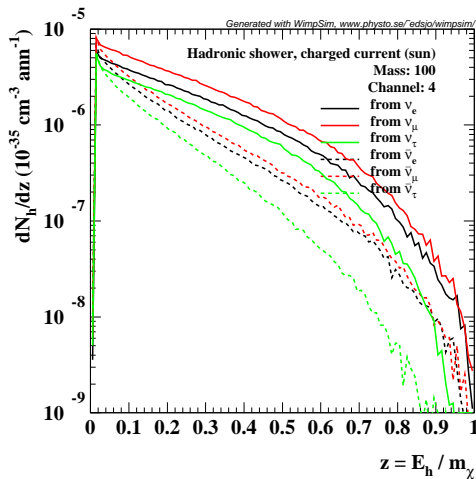
#### 6.3.1 Neutrino fluxes at detector (Sun)



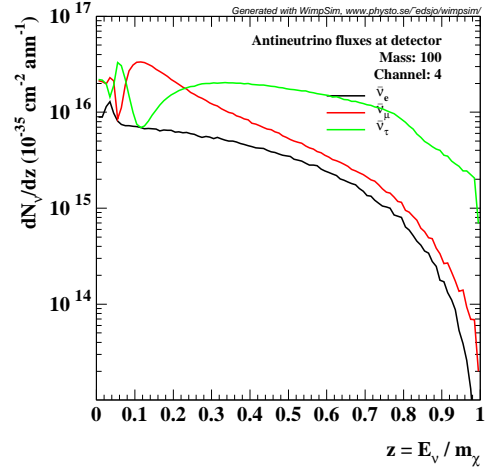
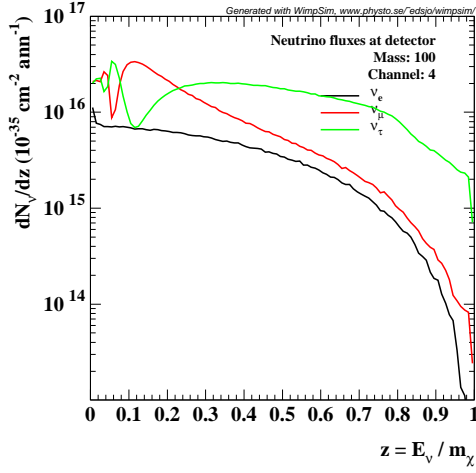
#### 6.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



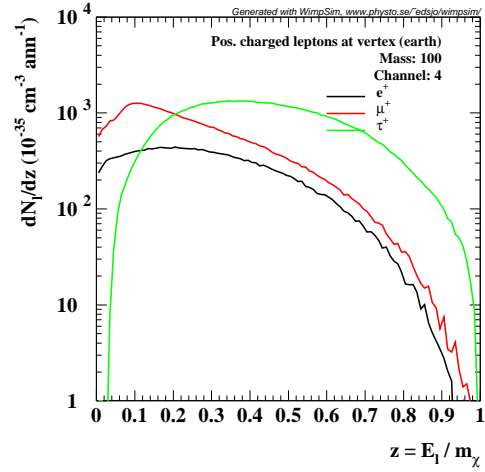
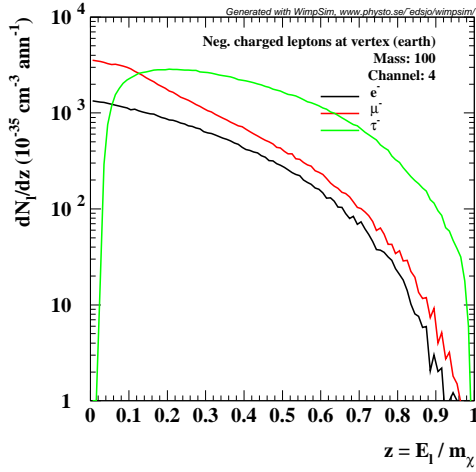
#### 6.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



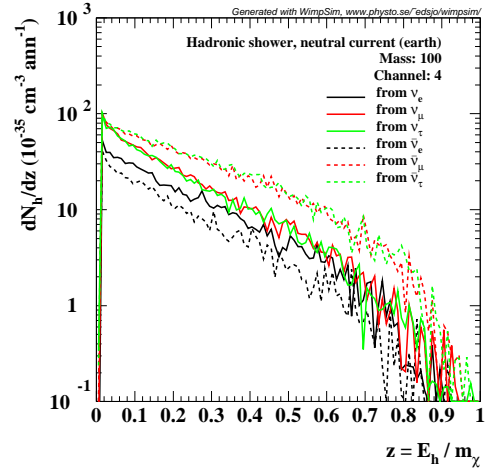
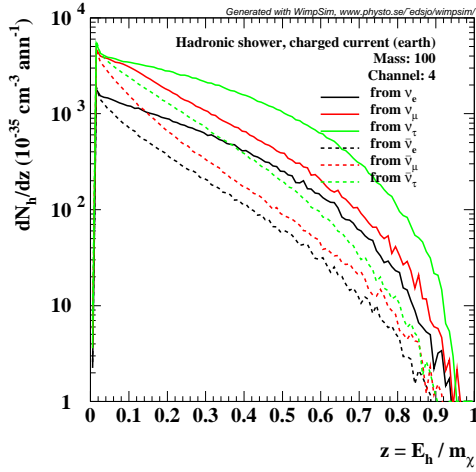
### 6.3.4 Neutrino fluxes at detector (Earth)



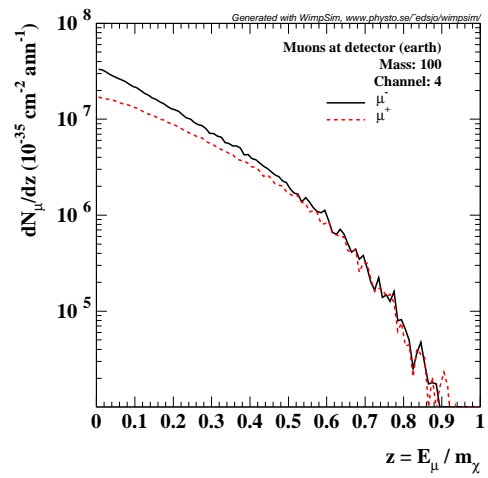
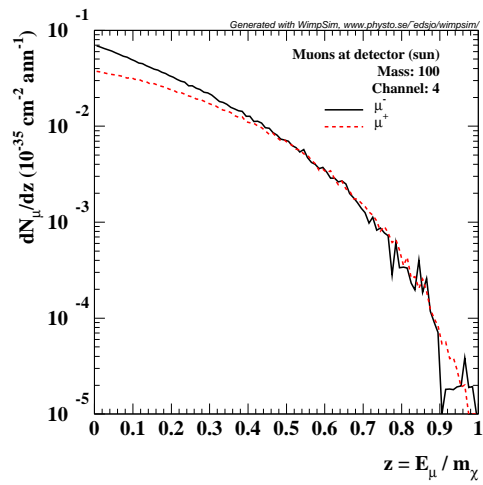
### 6.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 6.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

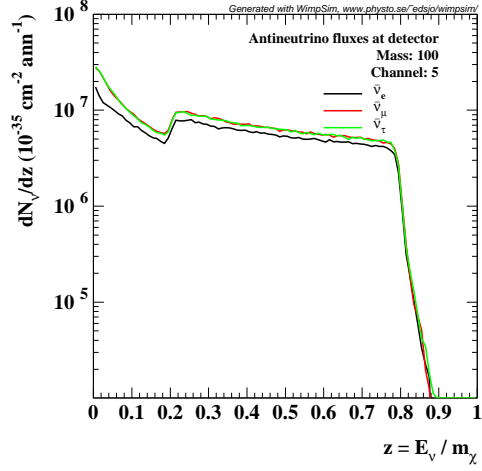
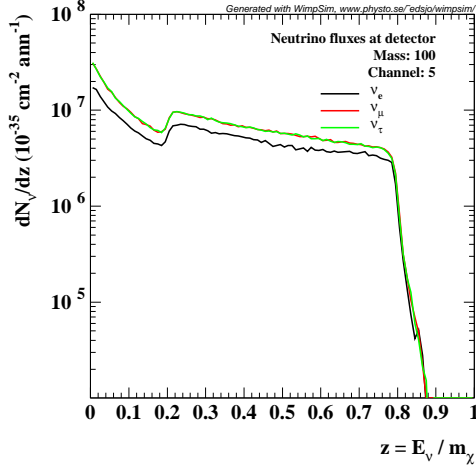


### 6.3.7 Muons at detector (Sun/Earth)

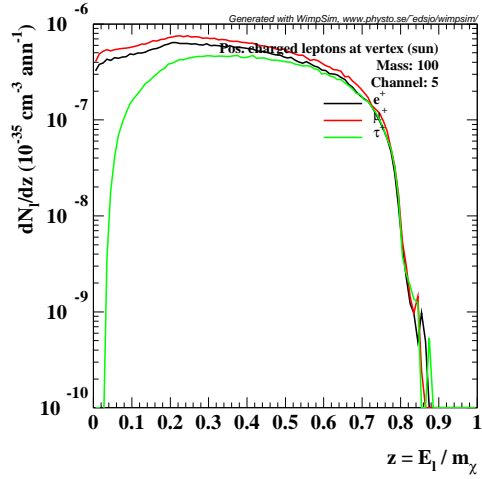
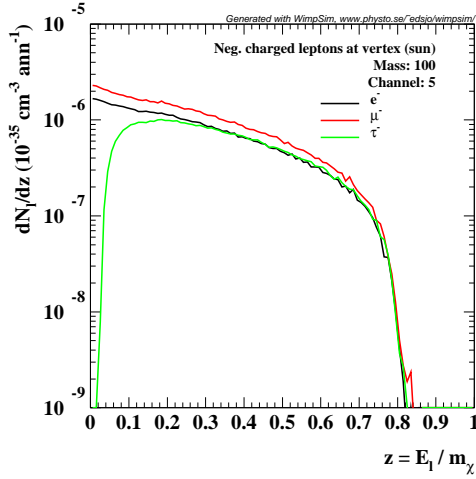


## 6.4 Channel 5 – $W^-W^+$

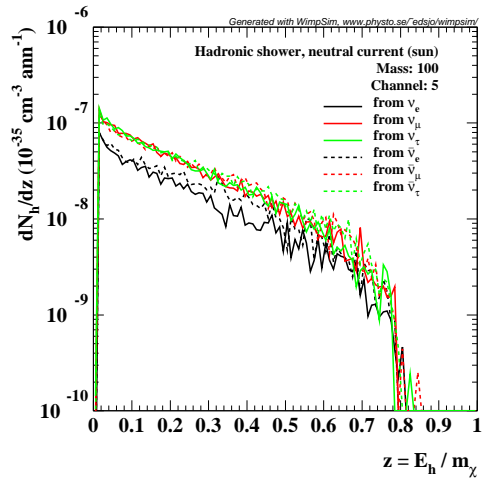
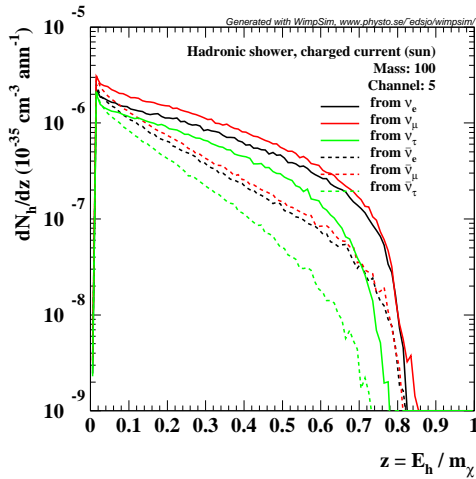
### 6.4.1 Neutrino fluxes at detector (Sun)



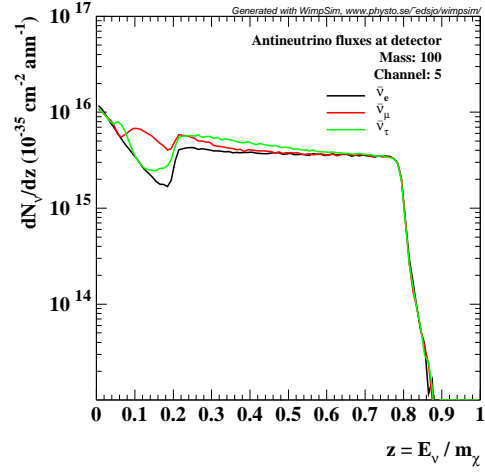
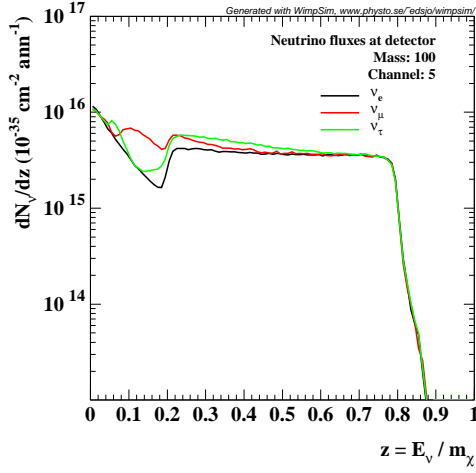
### 6.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



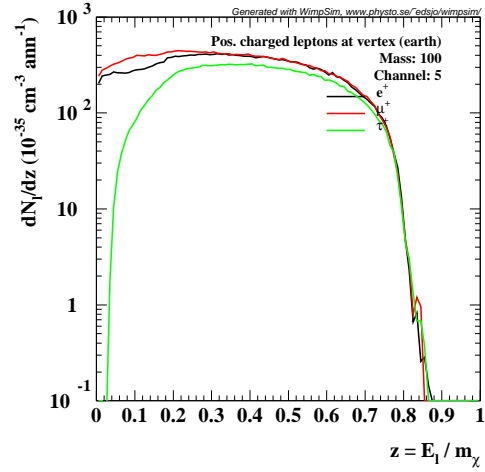
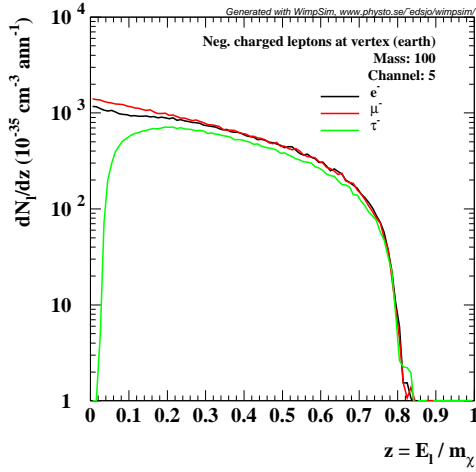
### 6.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



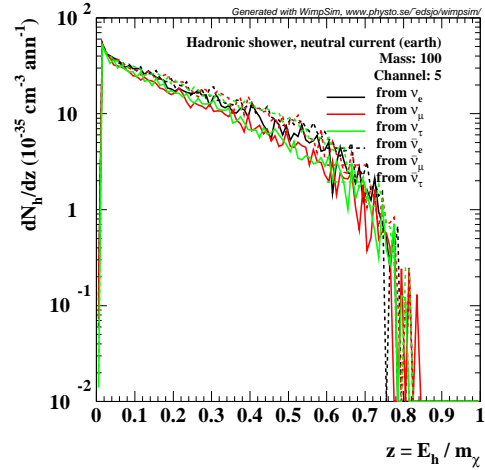
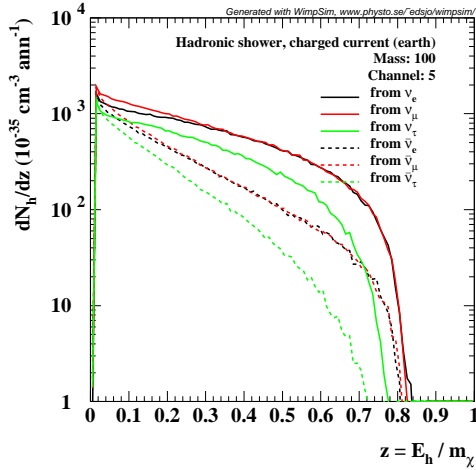
#### 6.4.4 Neutrino fluxes at detector (Earth)



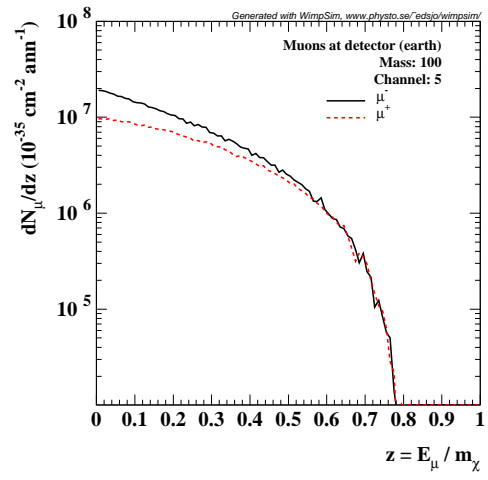
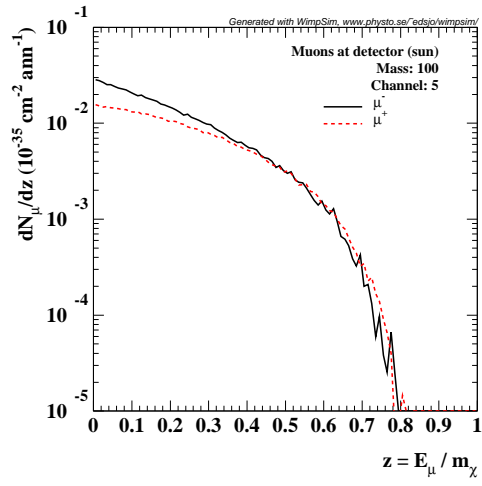
#### 6.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 6.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)



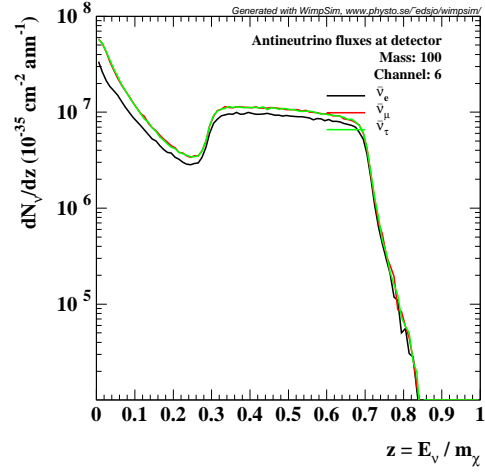
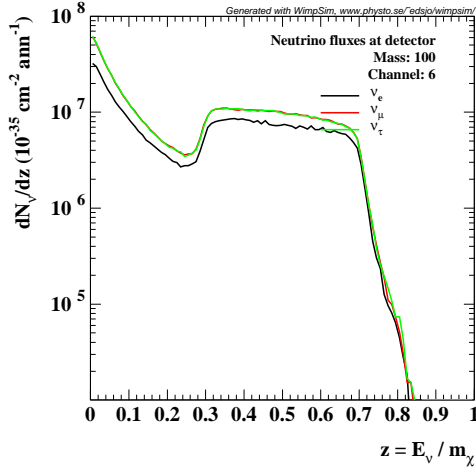
### 6.4.7 Muons at detector (Sun/Earth)



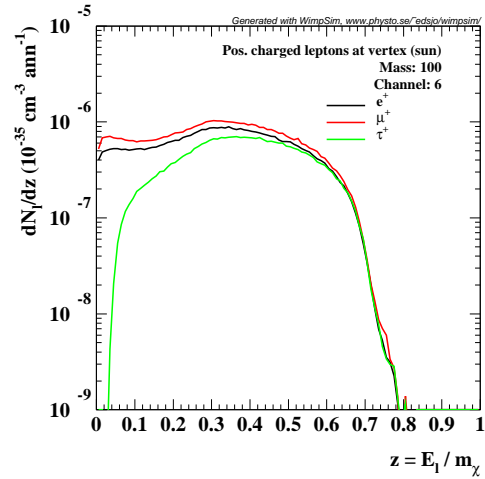
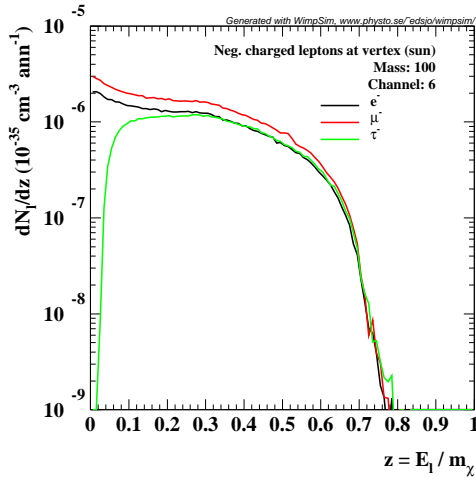


## 6.5 Channel 6 – $Z^0 Z^0$

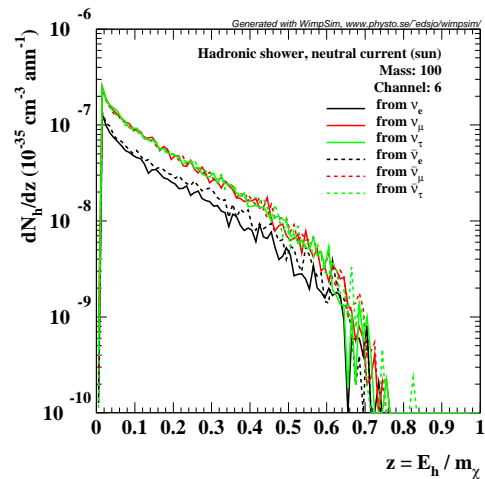
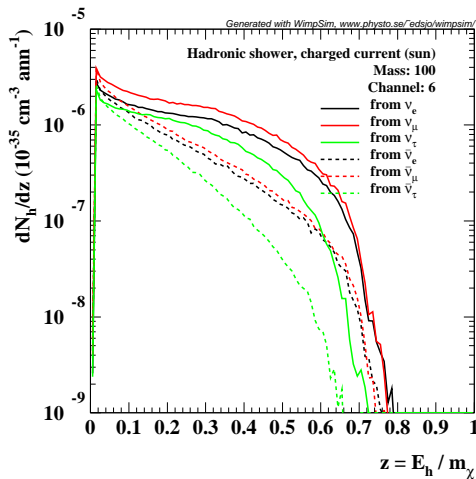
### 6.5.1 Neutrino fluxes at detector (Sun)



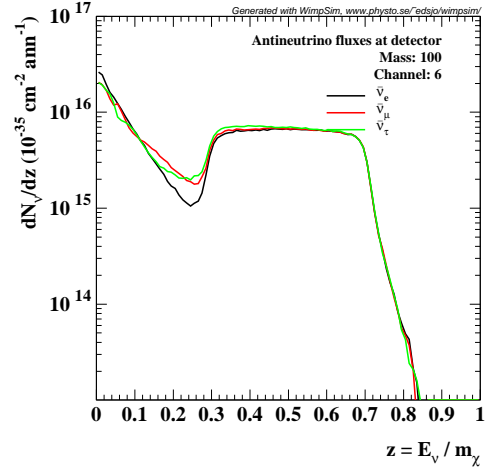
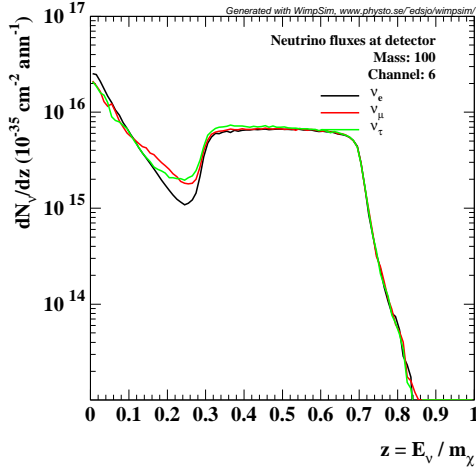
### 6.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



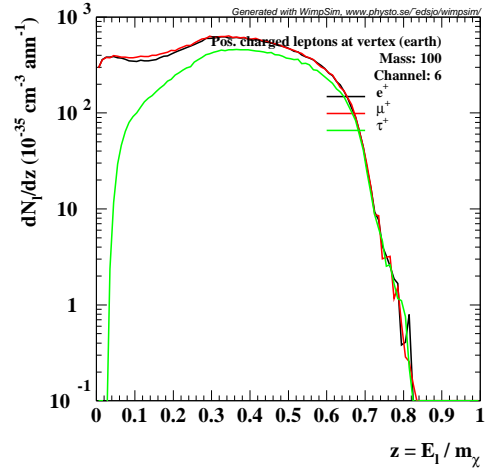
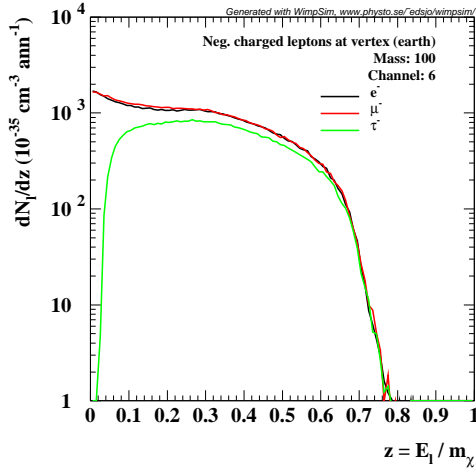
### 6.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



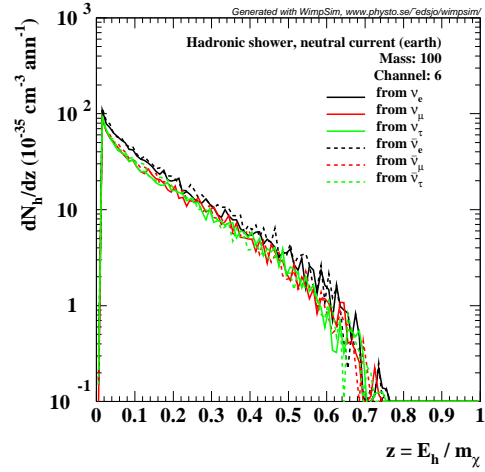
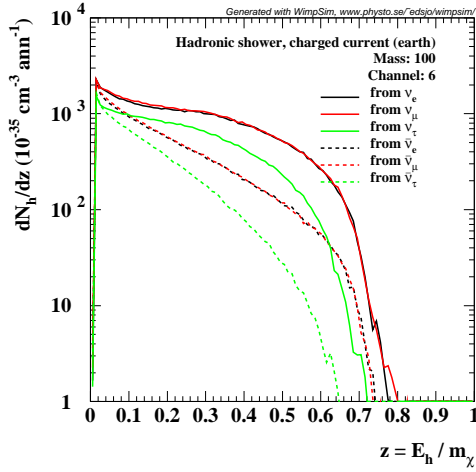
### 6.5.4 Neutrino fluxes at detector (Earth)



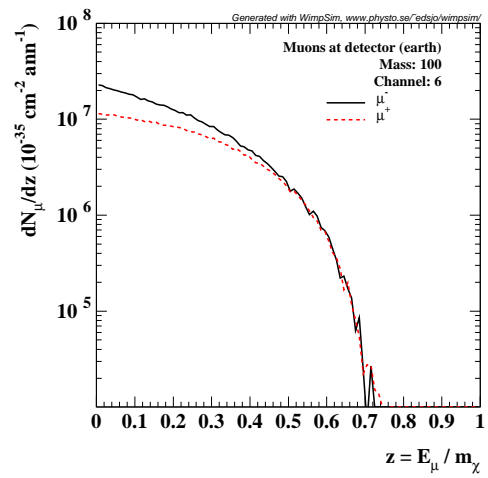
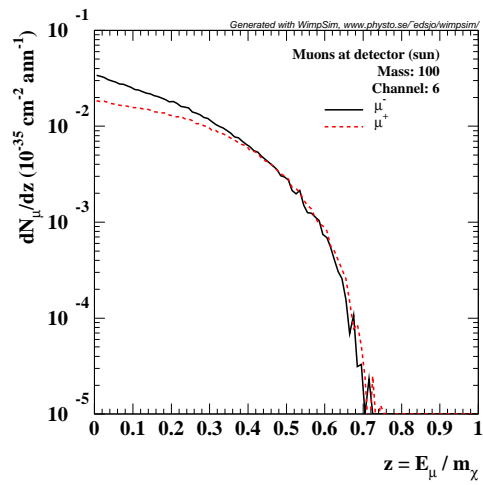
### 6.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 6.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

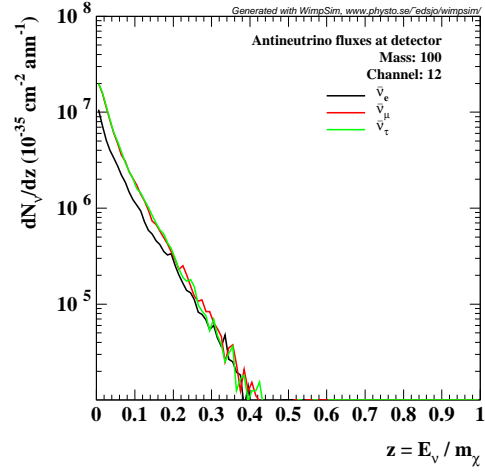
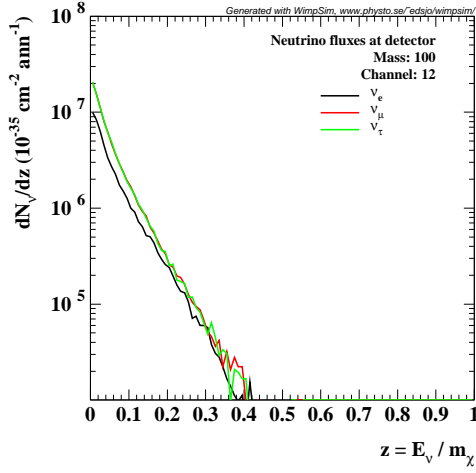


### 6.5.7 Muons at detector (Sun/Earth)

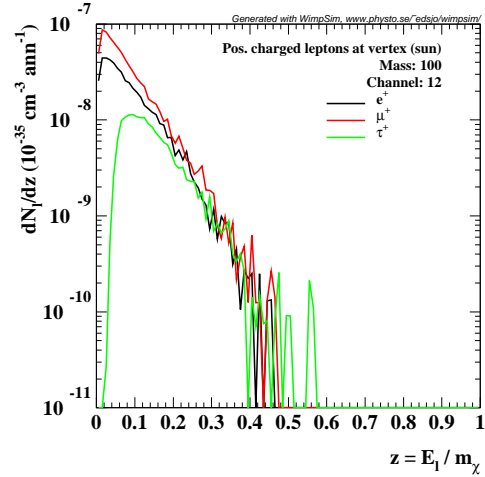
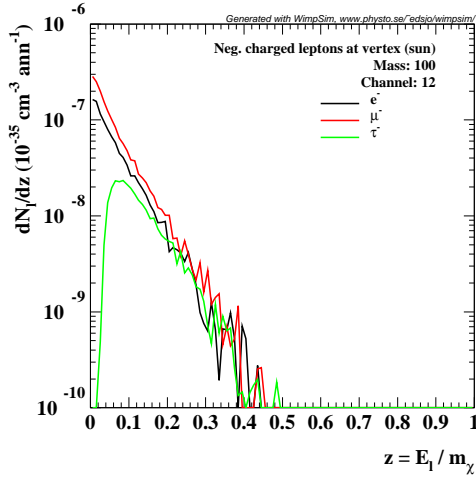


## 6.6 Channel 12 – $gg$

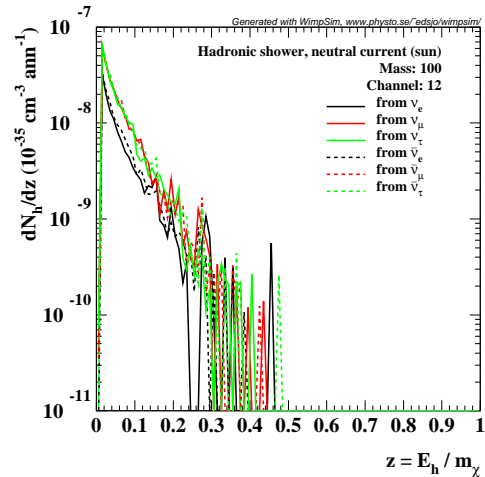
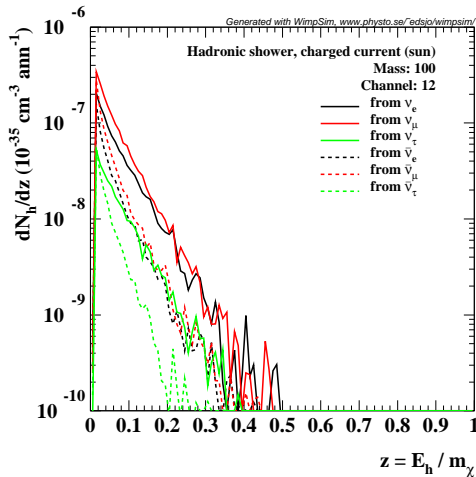
### 6.6.1 Neutrino fluxes at detector (Sun)



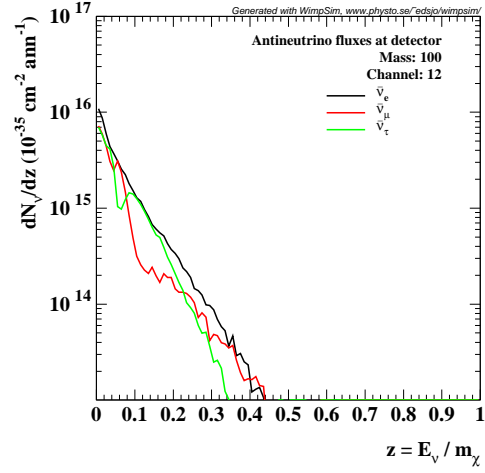
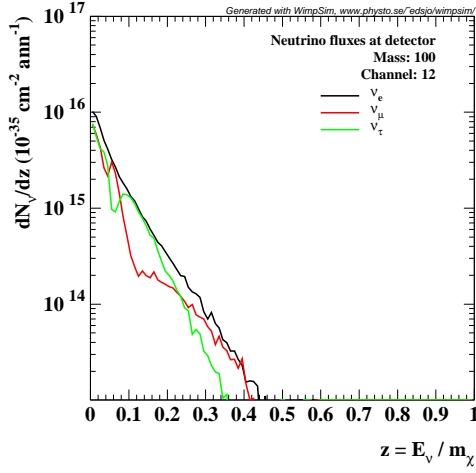
### 6.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



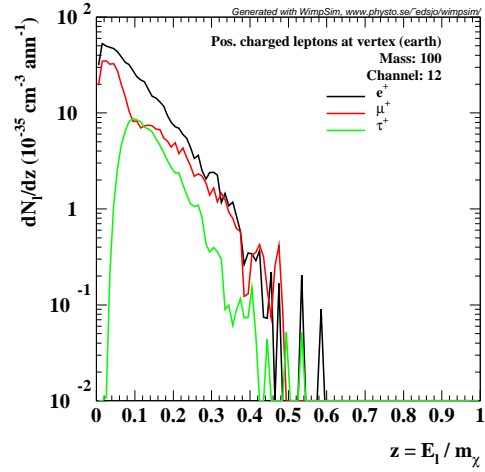
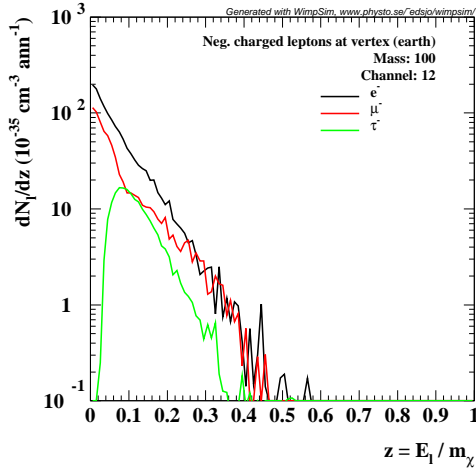
### 6.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



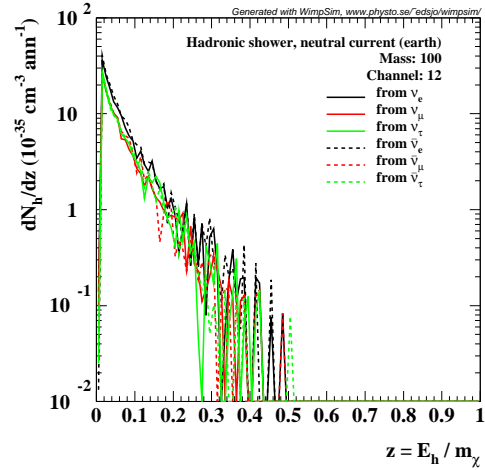
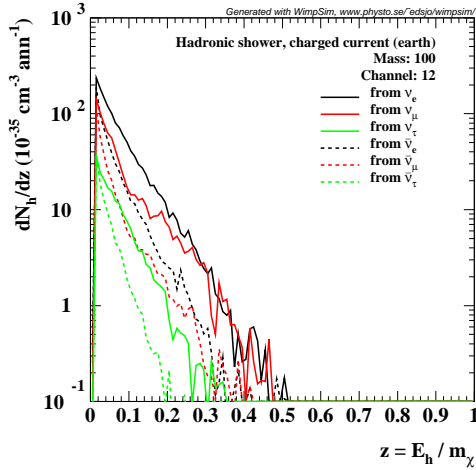
### 6.6.4 Neutrino fluxes at detector (Earth)



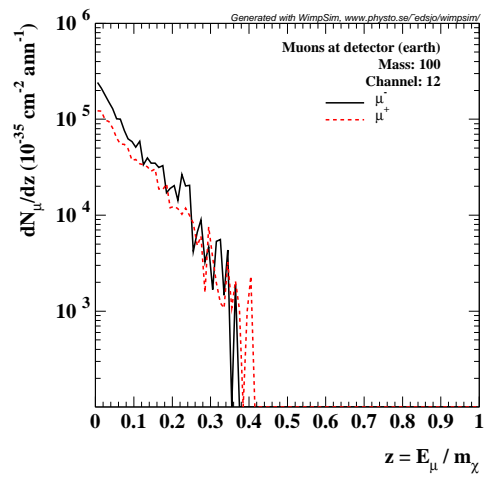
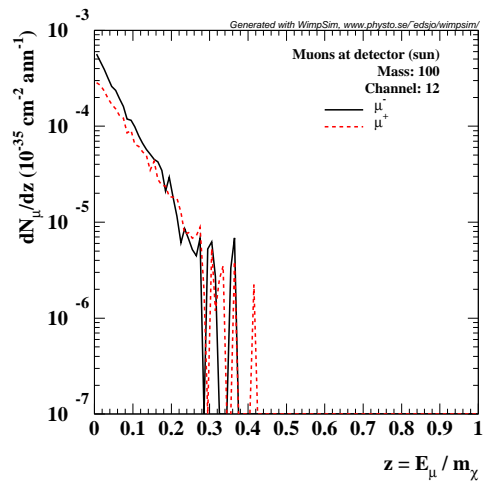
### 6.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 6.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

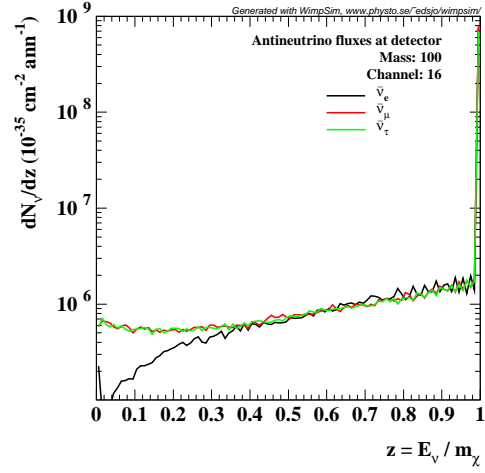
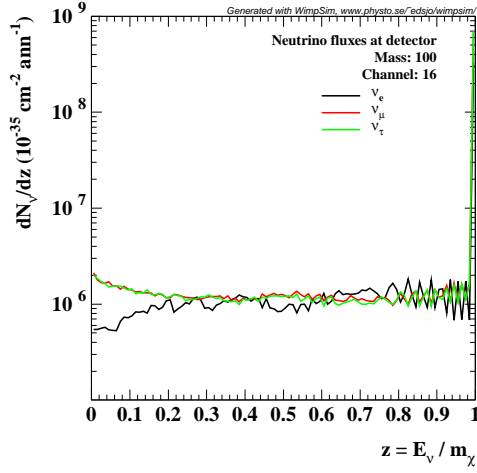


### 6.6.7 Muons at detector (Sun/Earth)

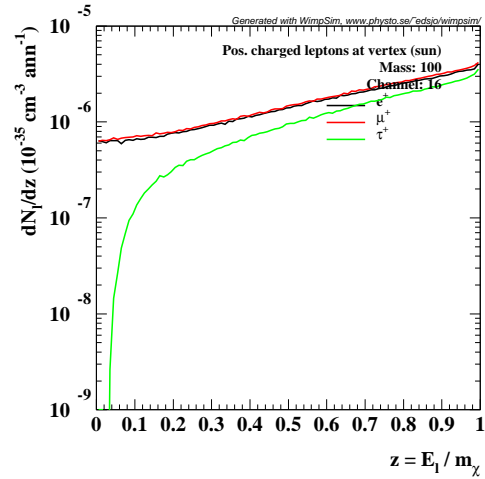
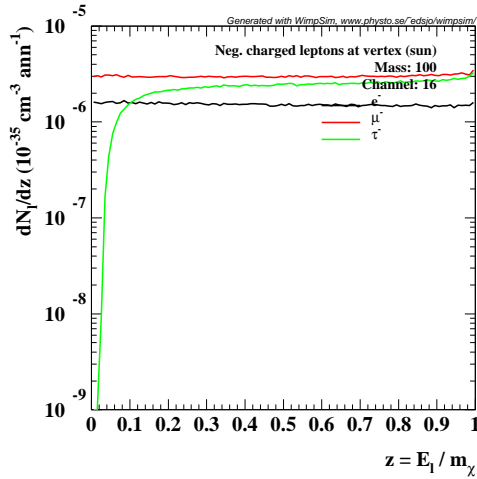


## 6.7 Channel 16 – $\nu_e \bar{\nu}_e$

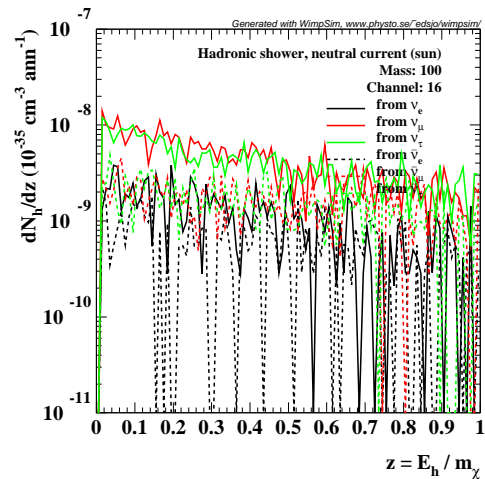
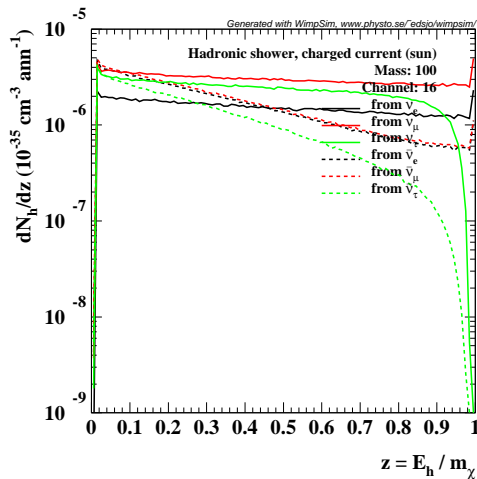
### 6.7.1 Neutrino fluxes at detector (Sun)



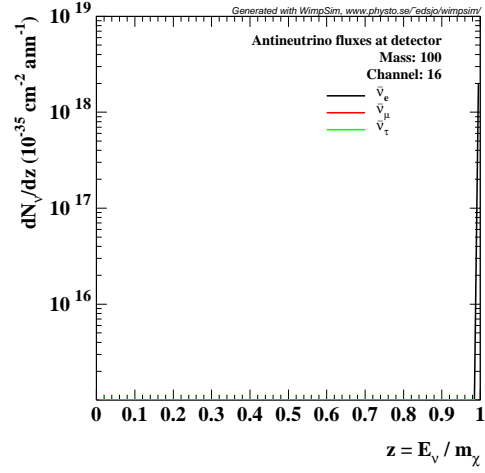
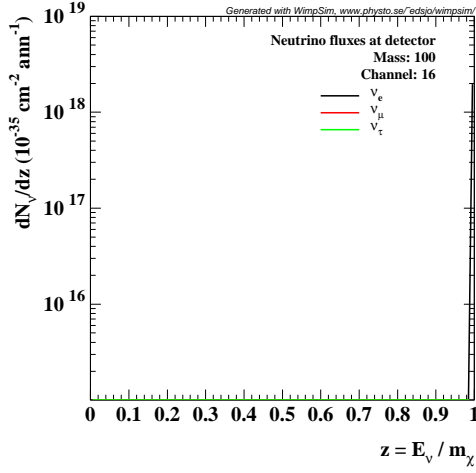
### 6.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



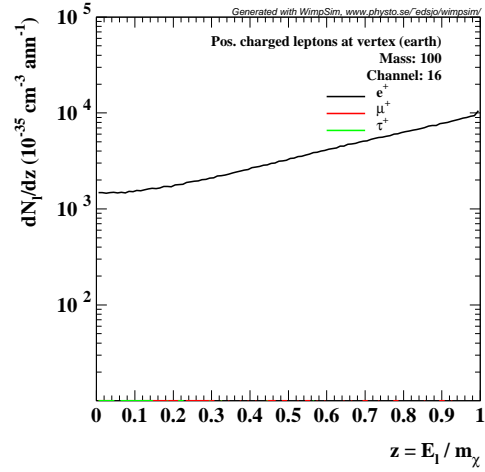
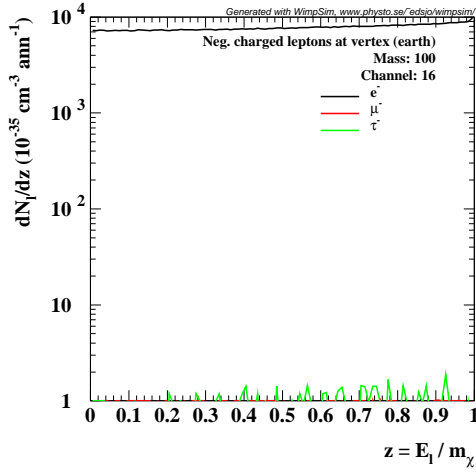
### 6.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



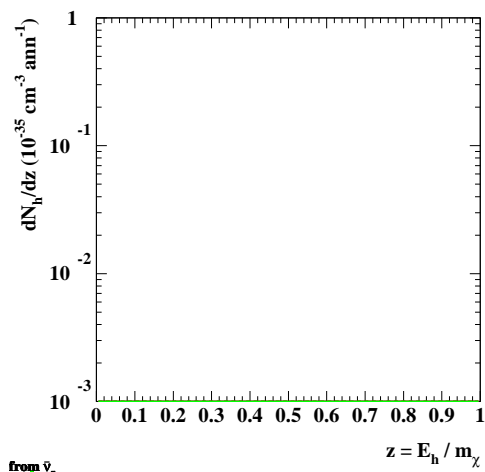
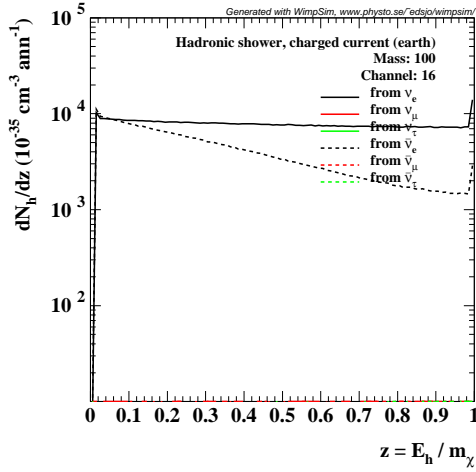
### 6.7.4 Neutrino fluxes at detector (Earth)



### 6.7.5 Charged leptons at neutrino-nucleon vertex (Earth)

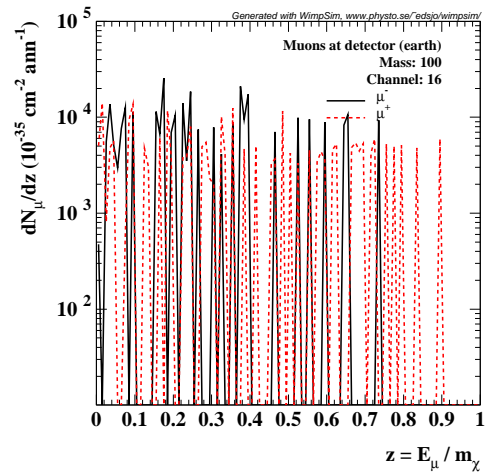
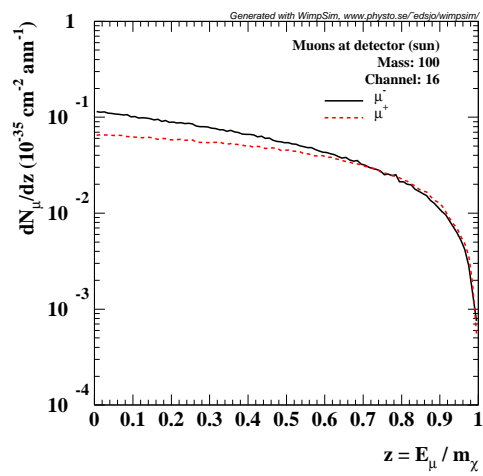


### 6.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)



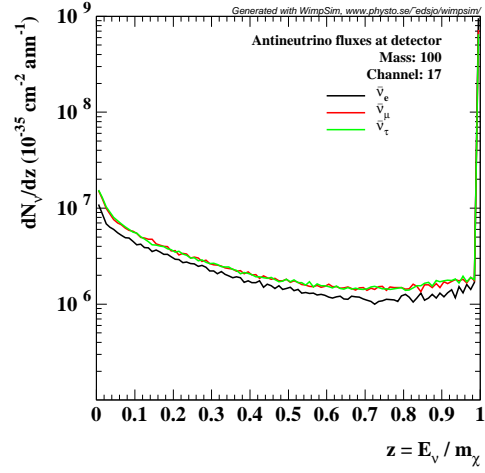
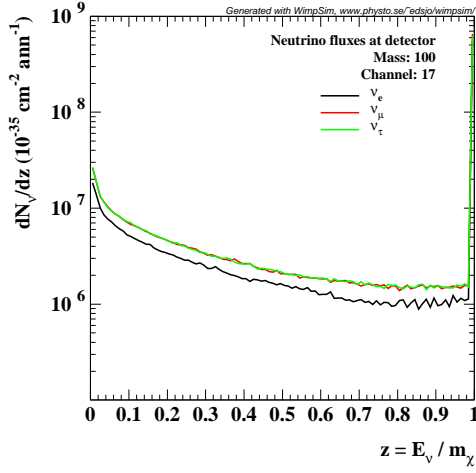


### 6.7.7 Muons at detector (Sun/Earth)

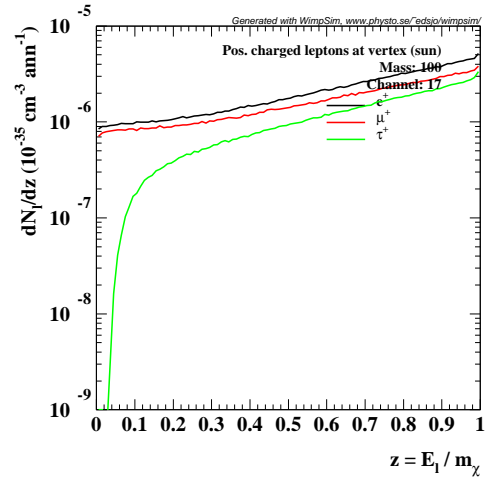
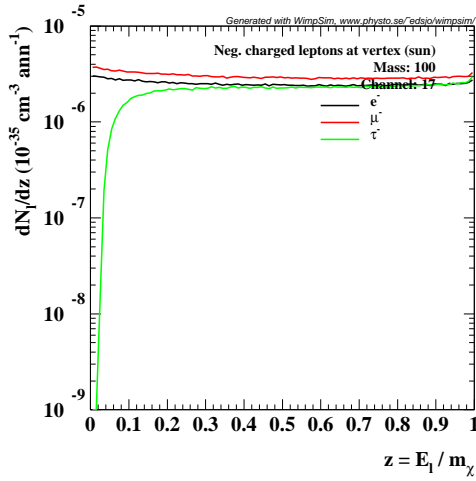


## 6.8 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

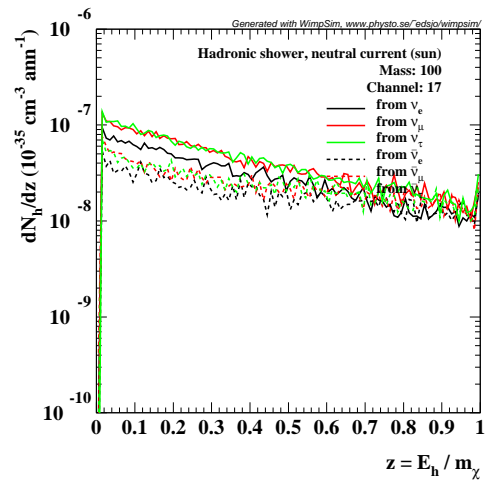
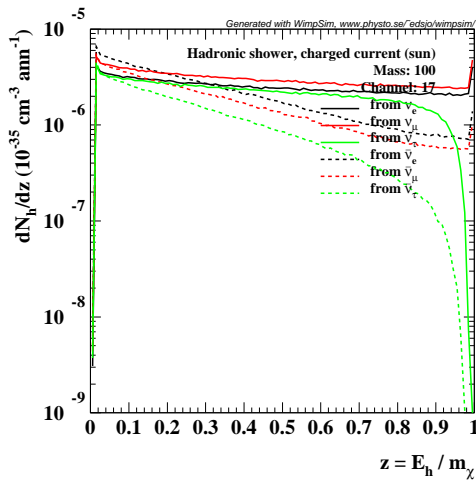
### 6.8.1 Neutrino fluxes at detector (Sun)



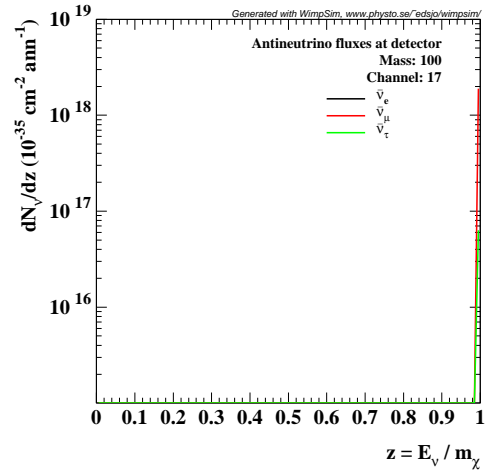
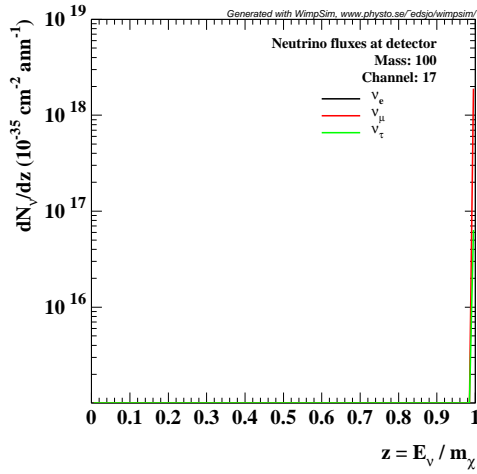
### 6.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



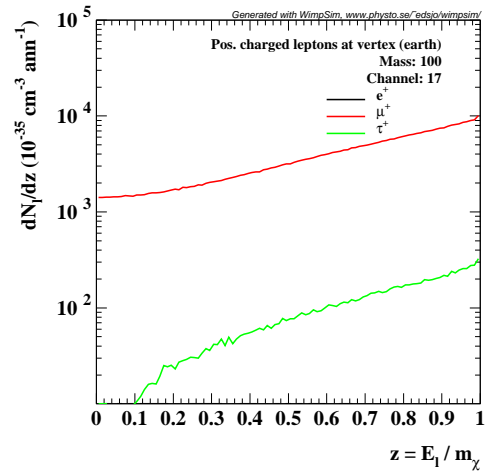
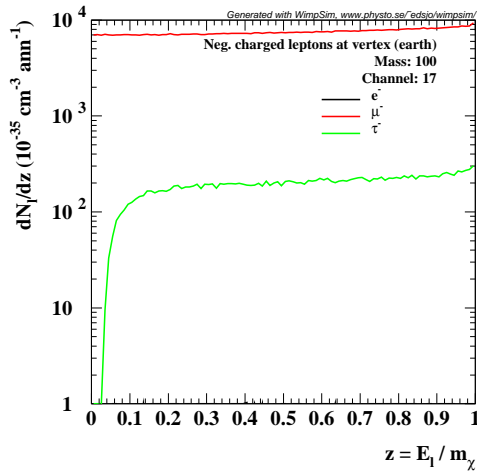
### 6.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



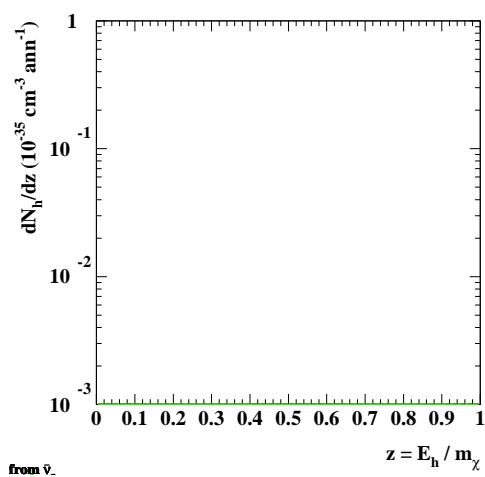
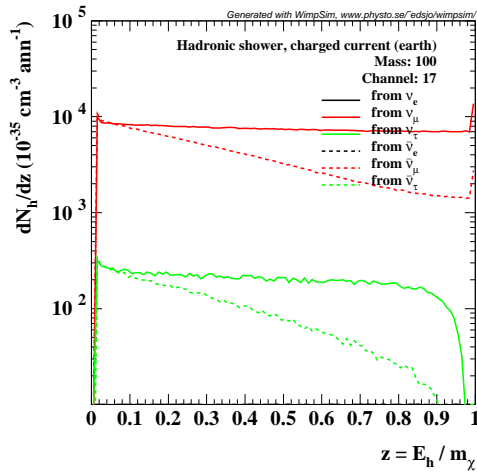
### 6.8.4 Neutrino fluxes at detector (Earth)



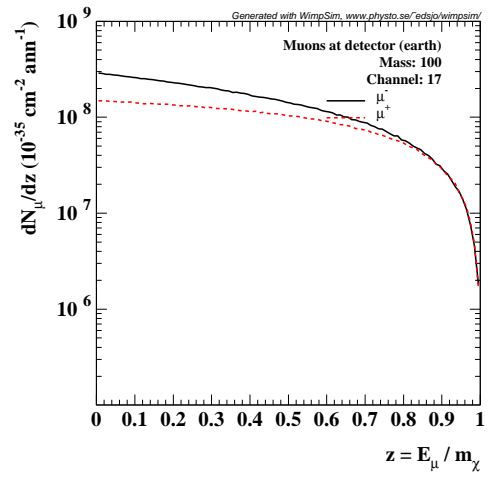
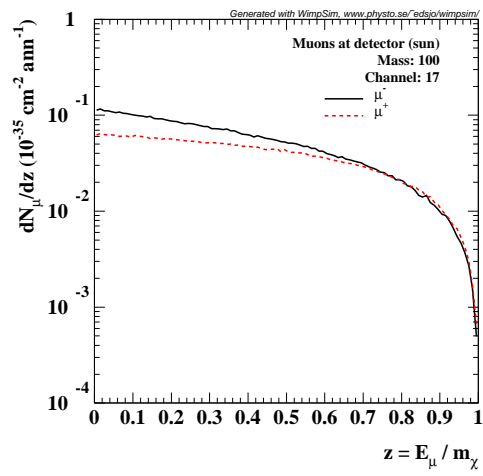
### 6.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 6.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)

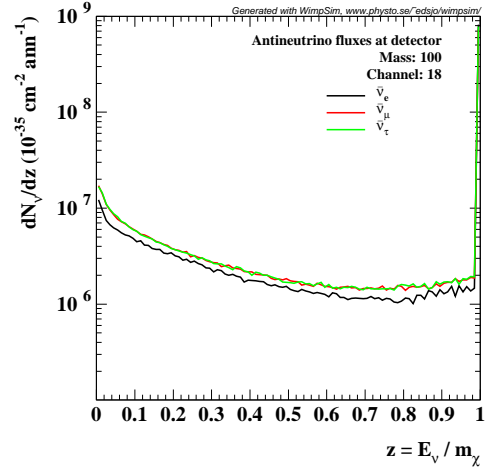
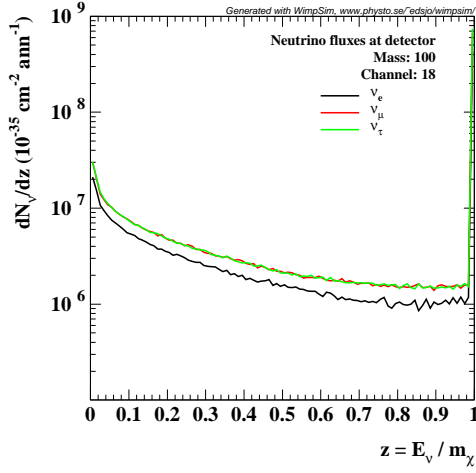


### 6.8.7 Muons at detector (Sun/Earth)

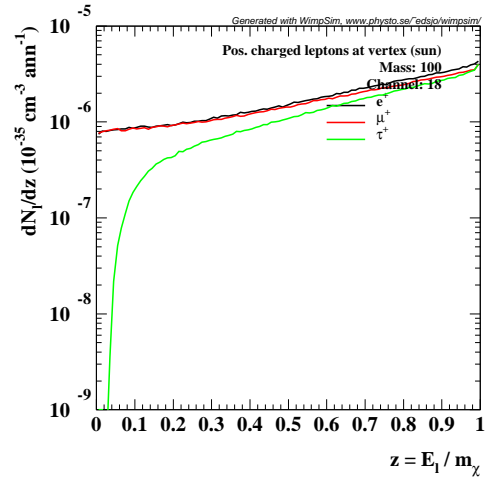
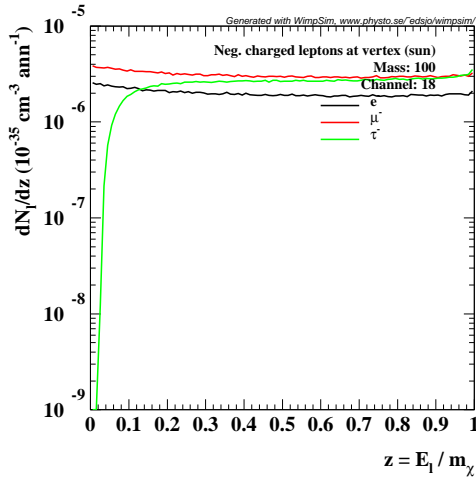


## 6.9 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

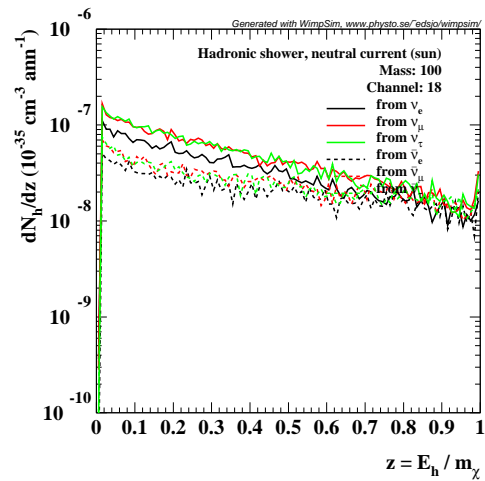
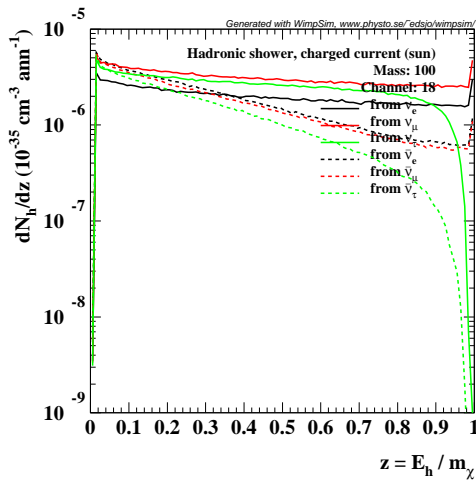
### 6.9.1 Neutrino fluxes at detector (Sun)



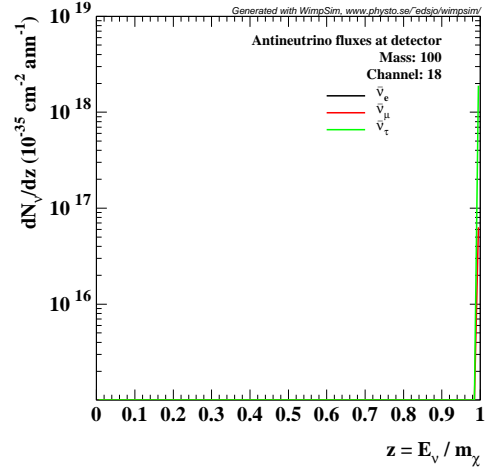
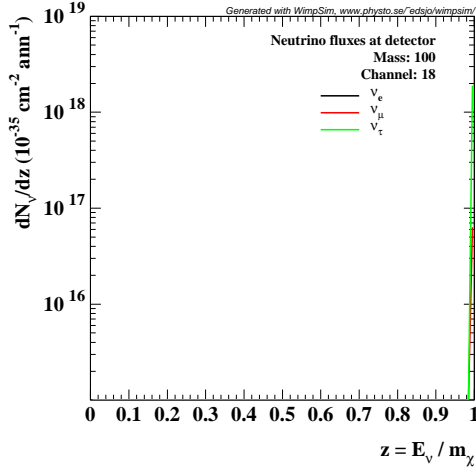
### 6.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



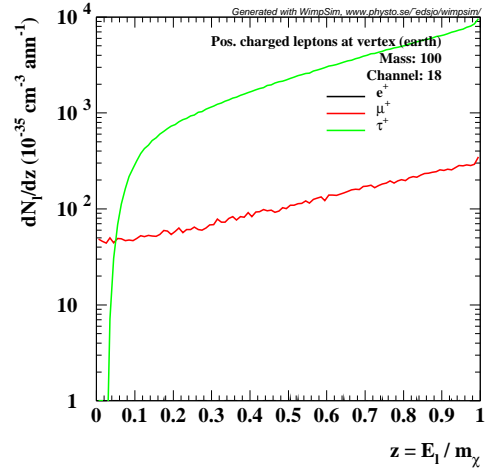
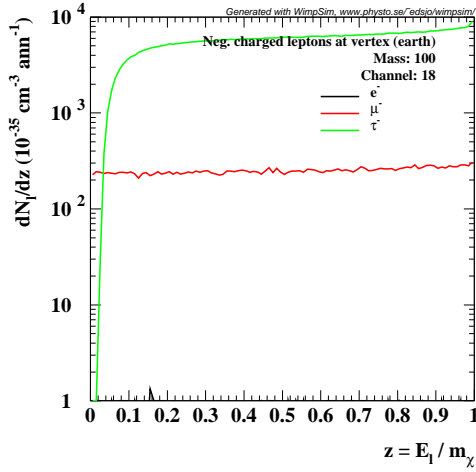
### 6.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



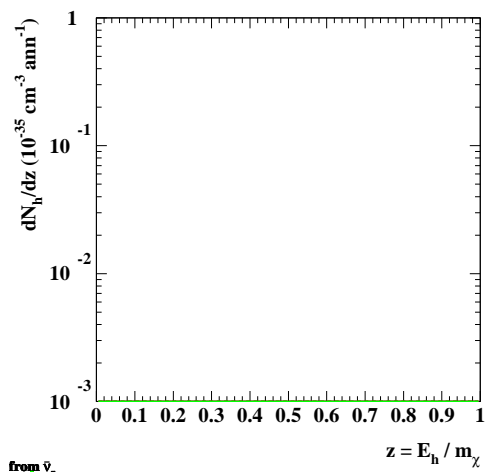
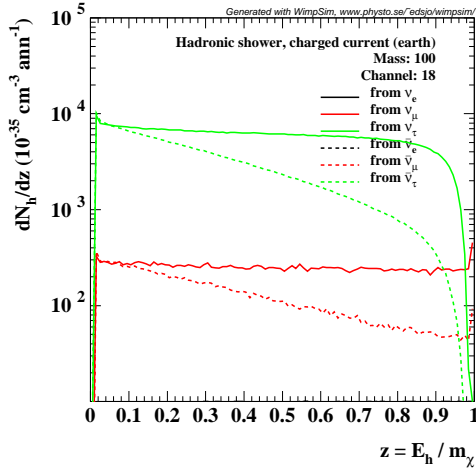
### 6.9.4 Neutrino fluxes at detector (Earth)



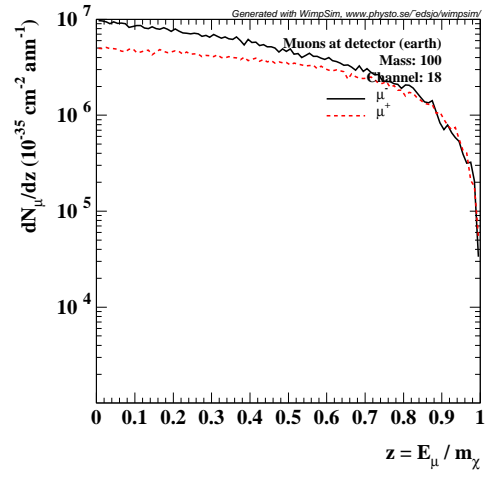
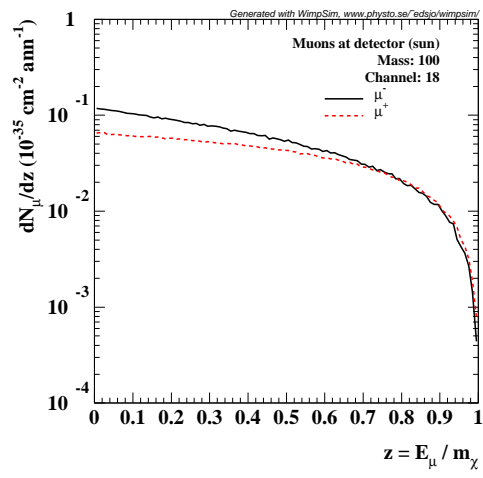
### 6.9.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 6.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)



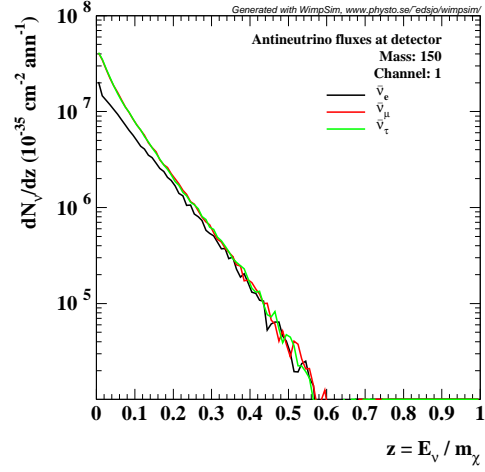
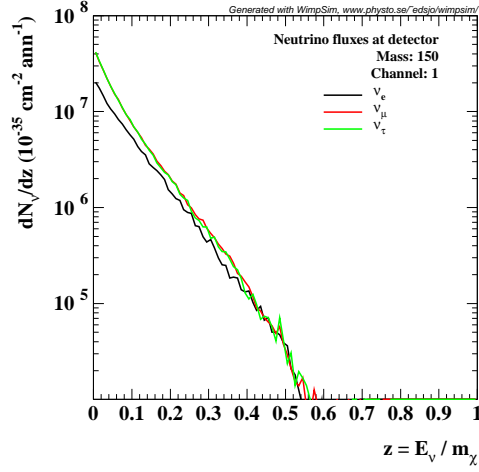
### 6.9.7 Muons at detector (Sun/Earth)



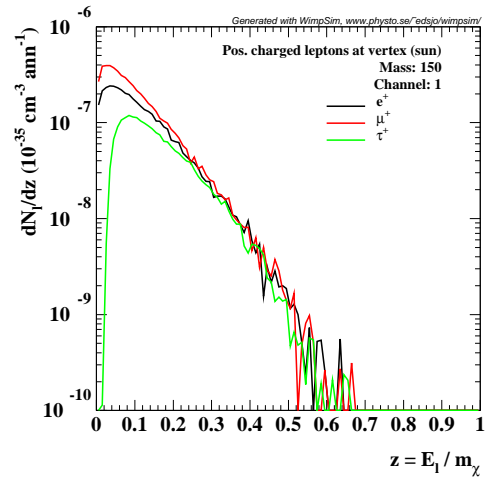
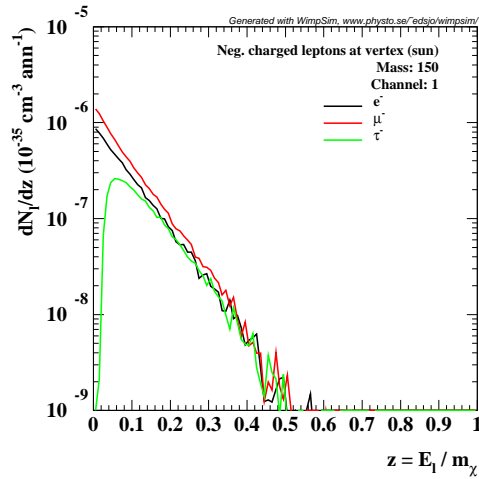
## 7 Mass 150

### 7.1 Channel 1 – $c\bar{c}$

#### 7.1.1 Neutrino fluxes at detector (Sun)

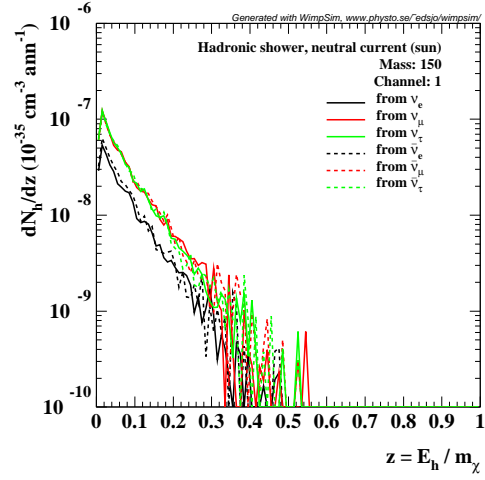
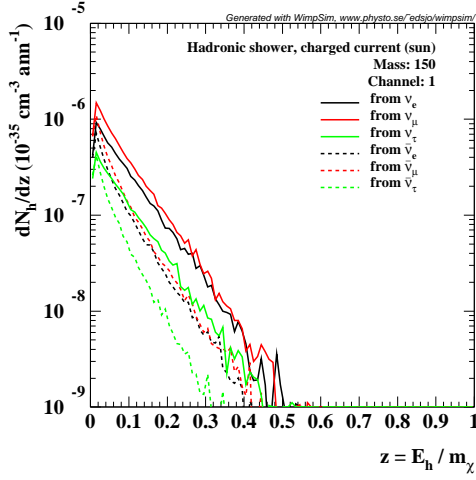


#### 7.1.2 Charged leptons at neutrino-nucleon vertex (Sun)

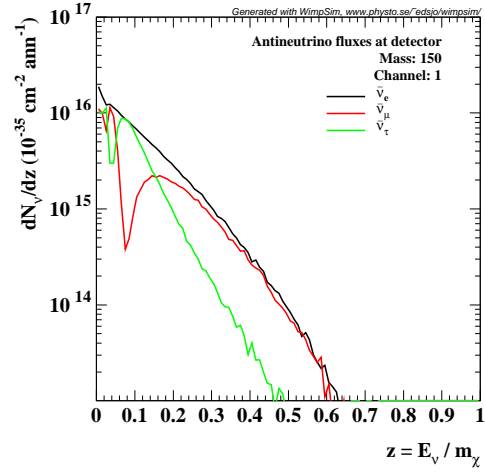
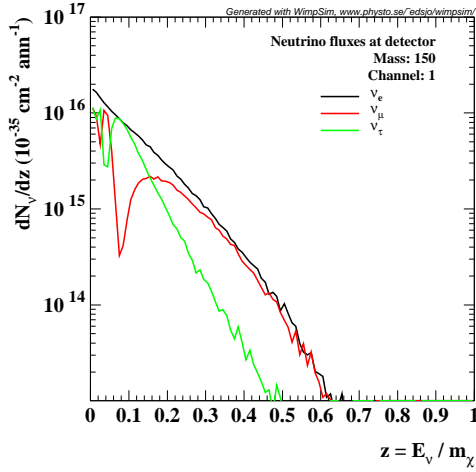




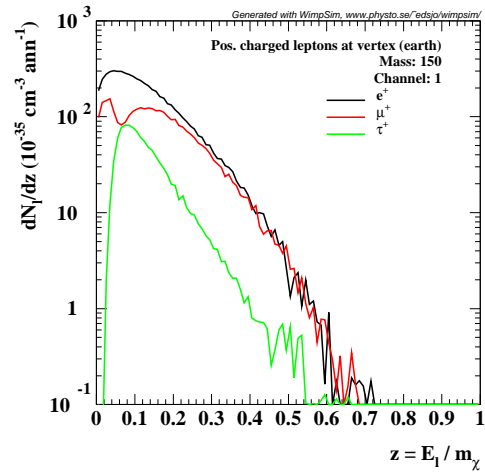
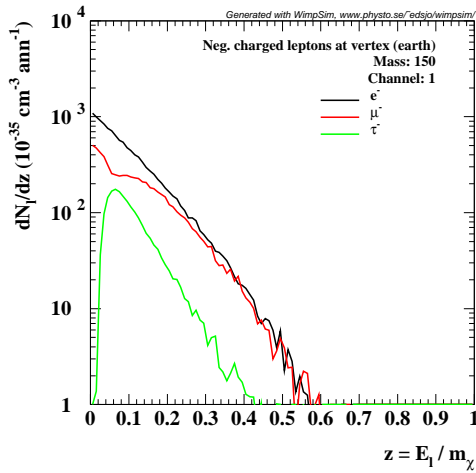
### 7.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



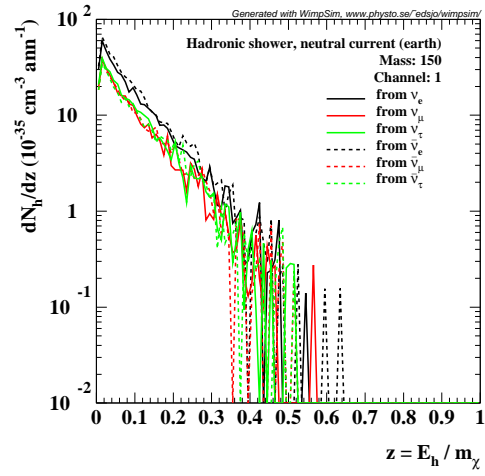
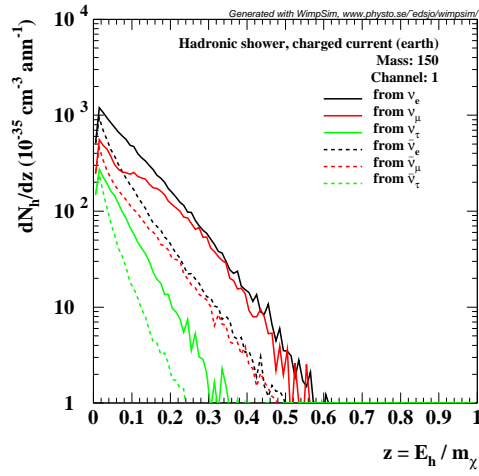
### 7.1.4 Neutrino fluxes at detector (Earth)



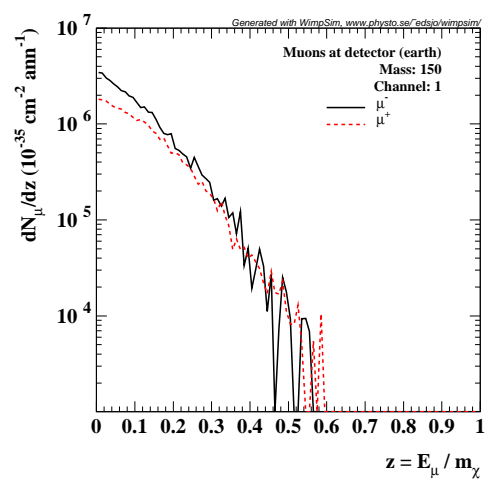
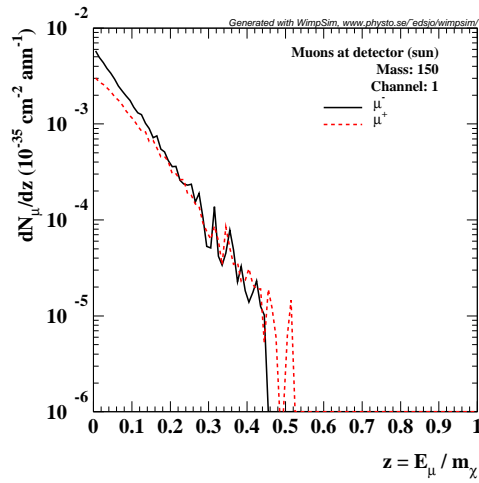
### 7.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 7.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

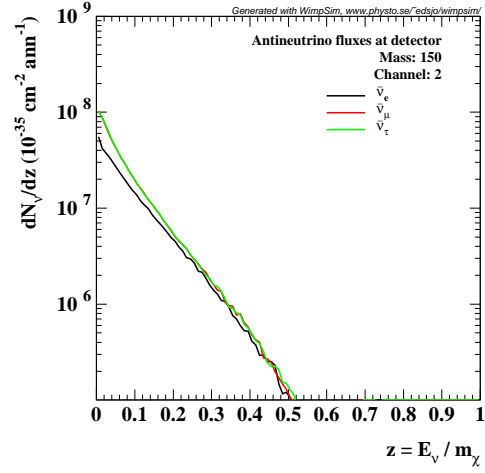
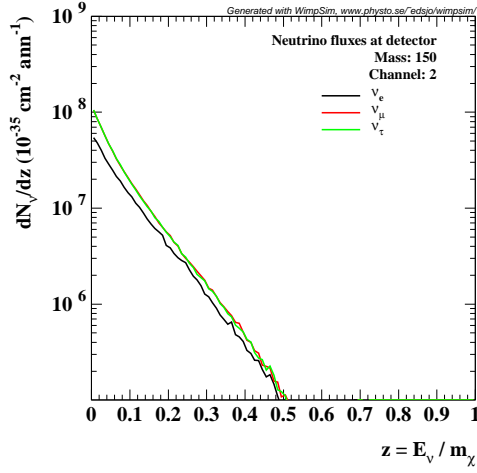


### 7.1.7 Muons at detector (Sun/Earth)

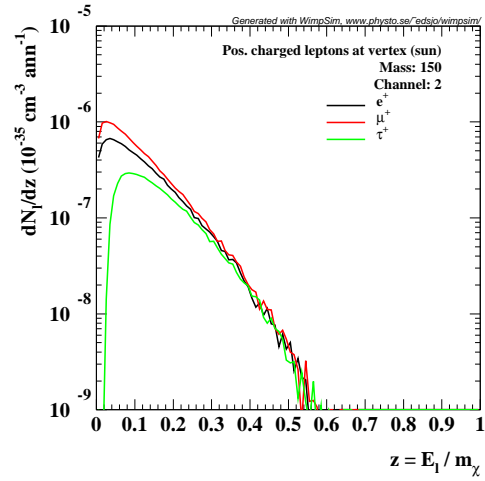
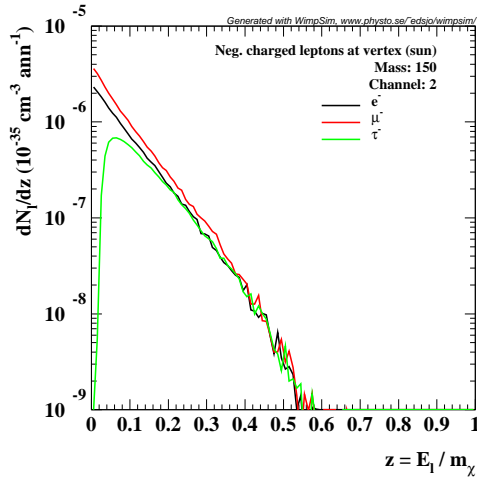


## 7.2 Channel 2 – $b\bar{b}$

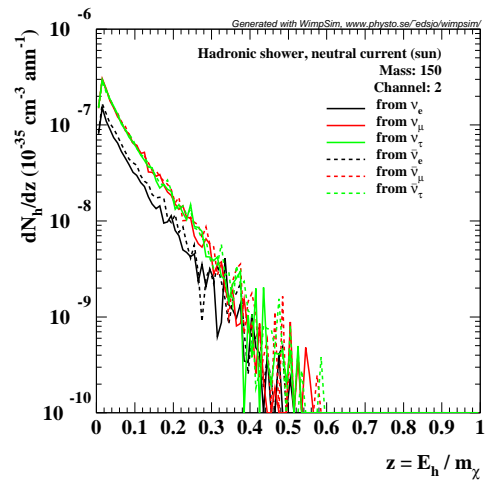
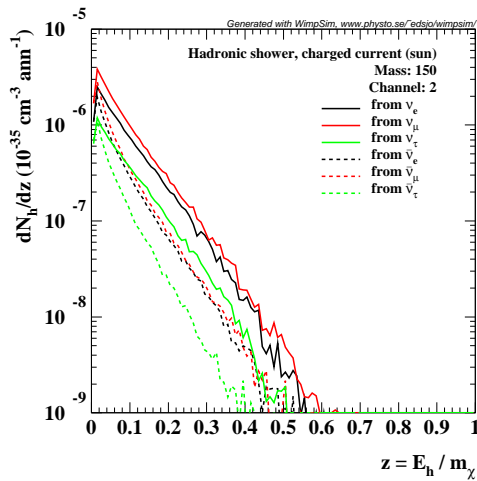
### 7.2.1 Neutrino fluxes at detector (Sun)



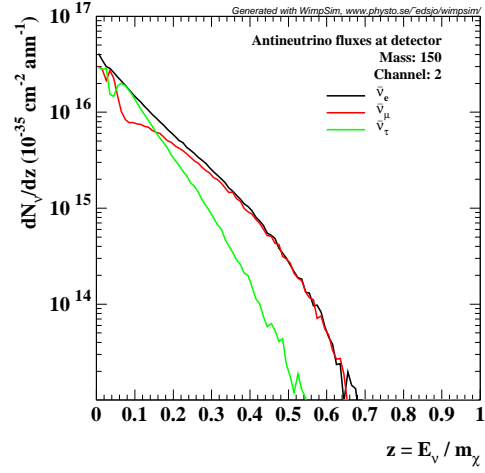
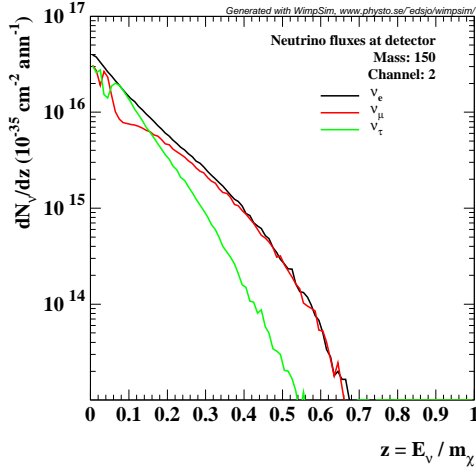
### 7.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



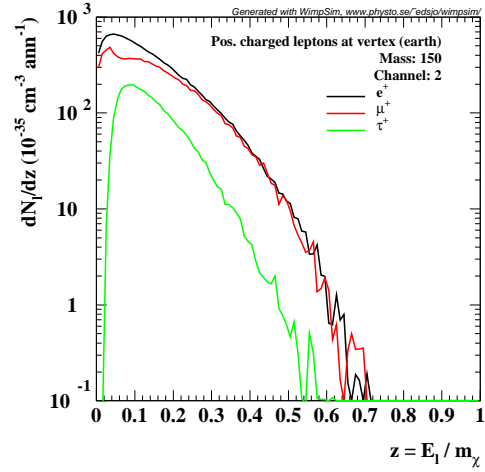
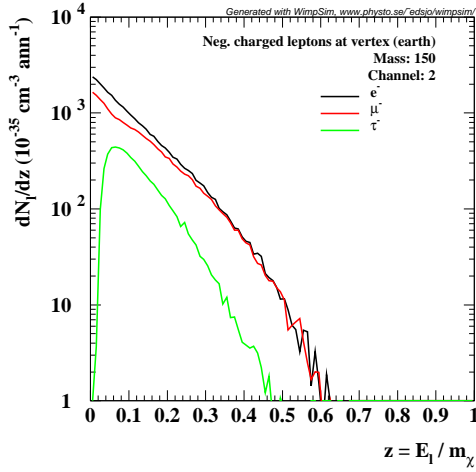
### 7.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



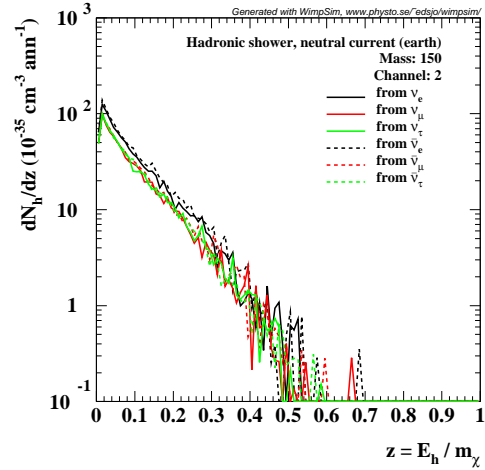
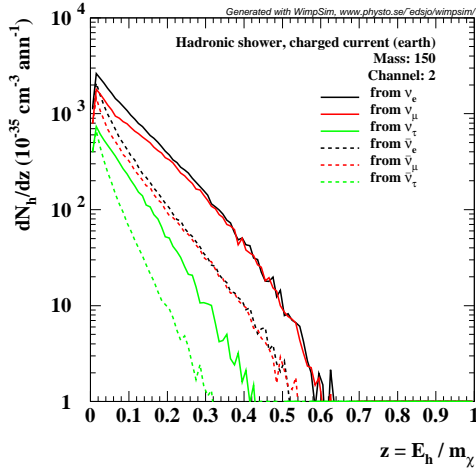
## 7.2.4 Neutrino fluxes at detector (Earth)



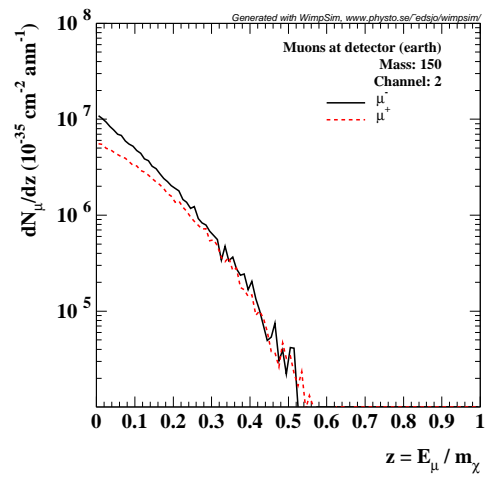
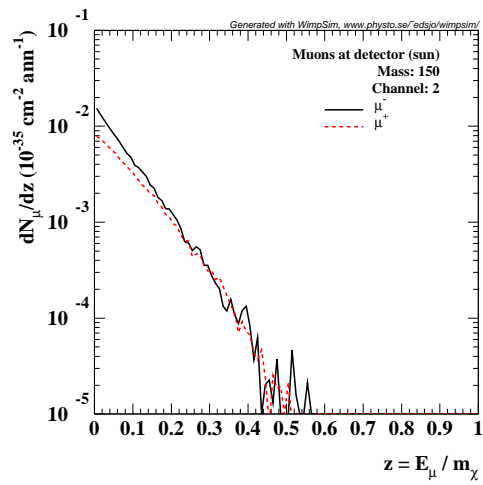
## 7.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



## 7.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

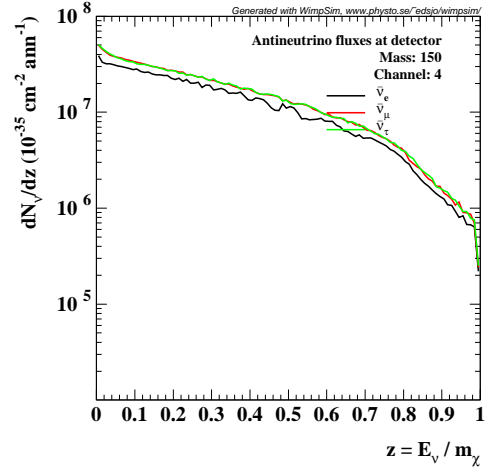
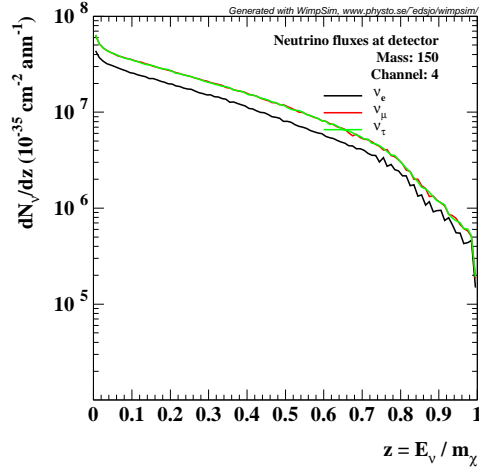


## 7.2.7 Muons at detector (Sun/Earth)

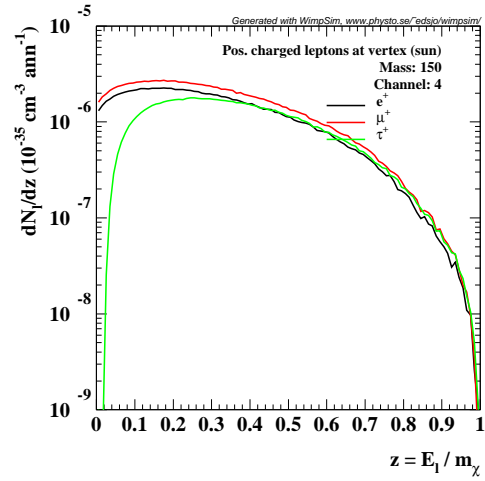
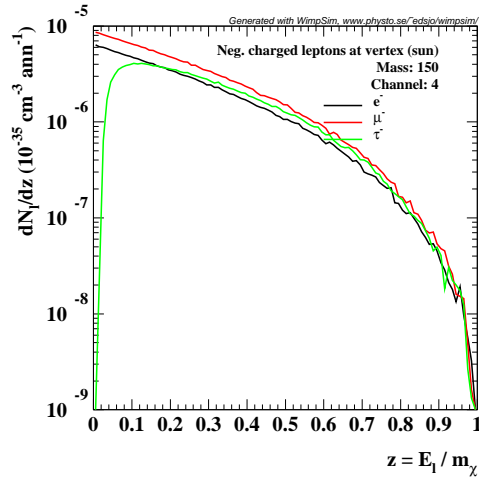


## 7.3 Channel 4 – $\tau^- \tau^+$

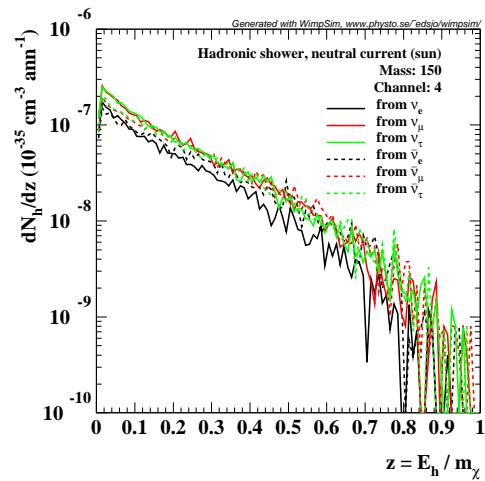
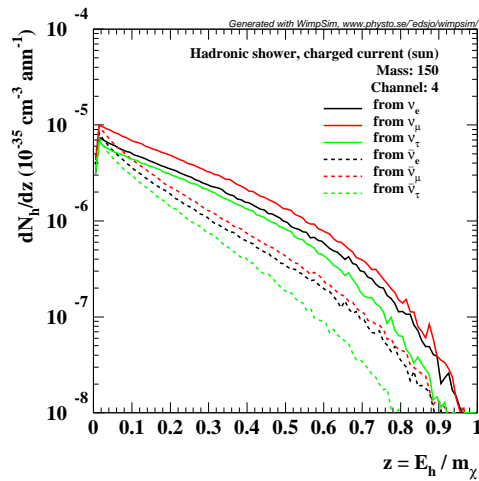
### 7.3.1 Neutrino fluxes at detector (Sun)



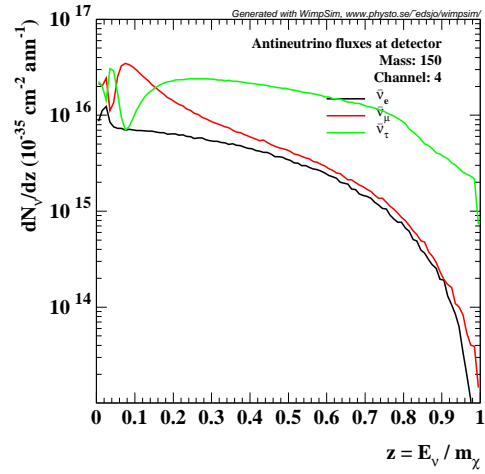
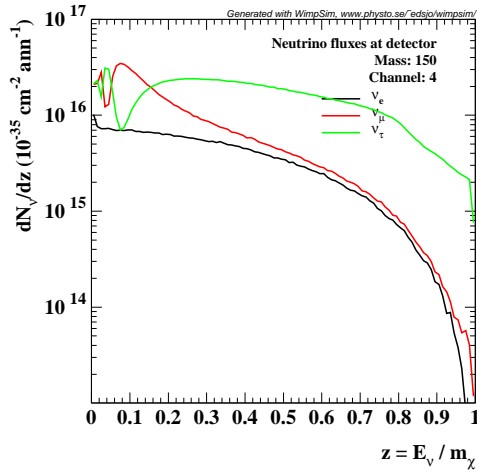
### 7.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



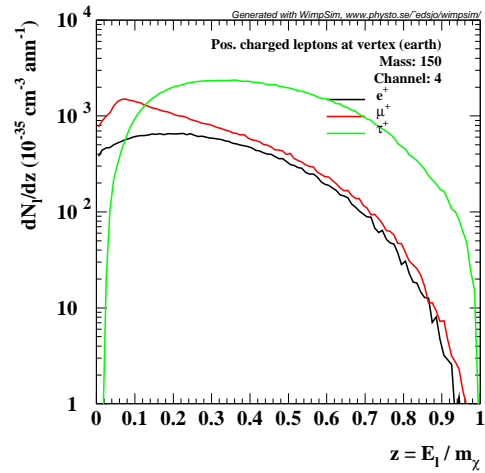
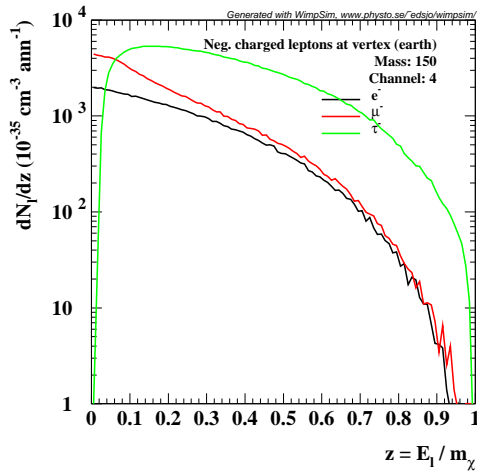
### 7.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



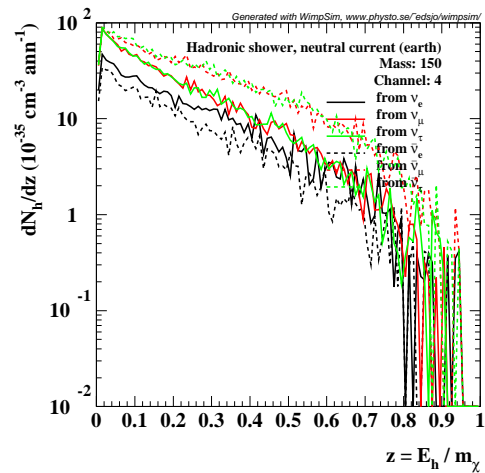
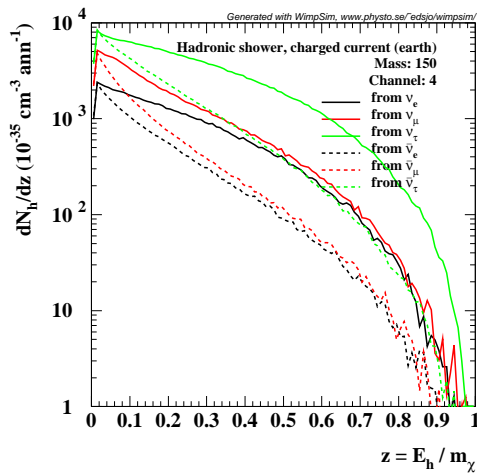
### 7.3.4 Neutrino fluxes at detector (Earth)



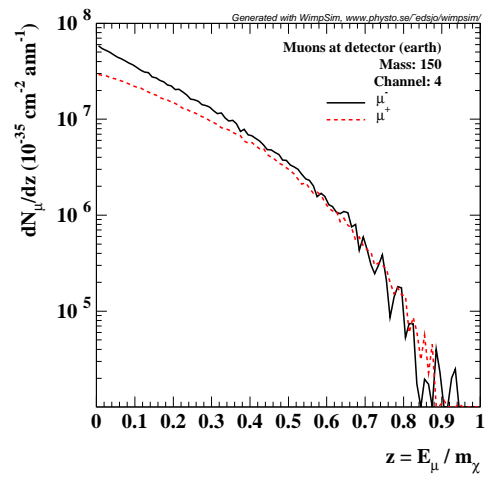
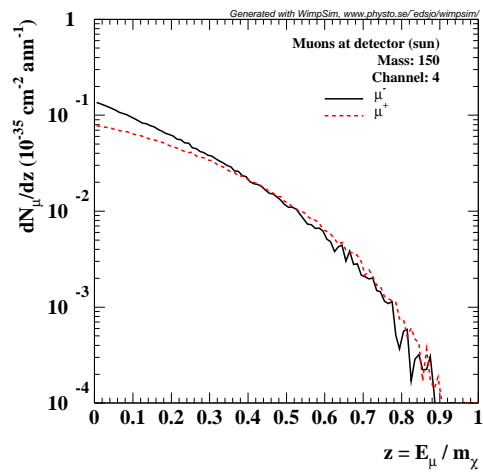
### 7.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 7.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)



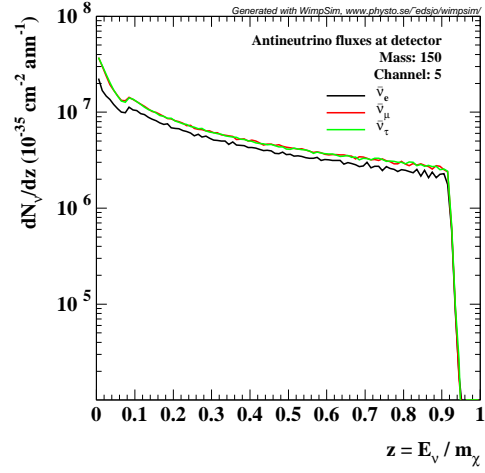
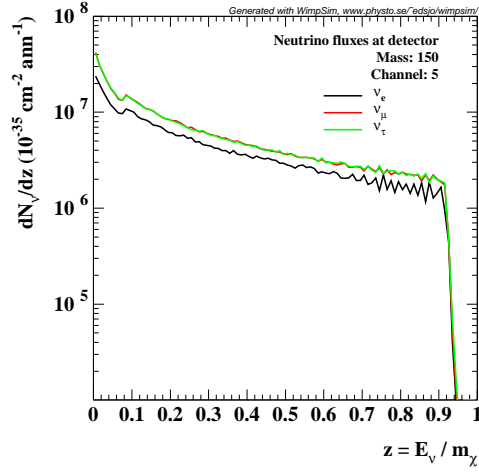
### 7.3.7 Muons at detector (Sun/Earth)



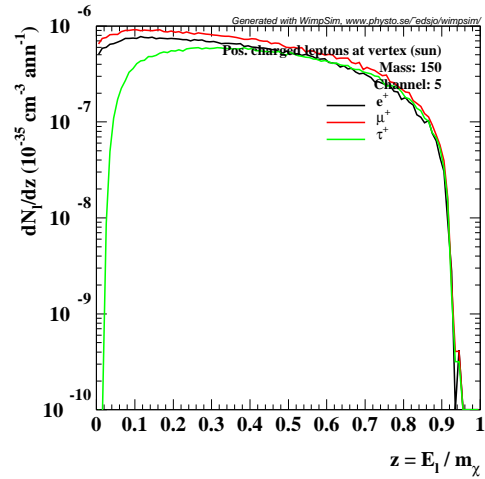
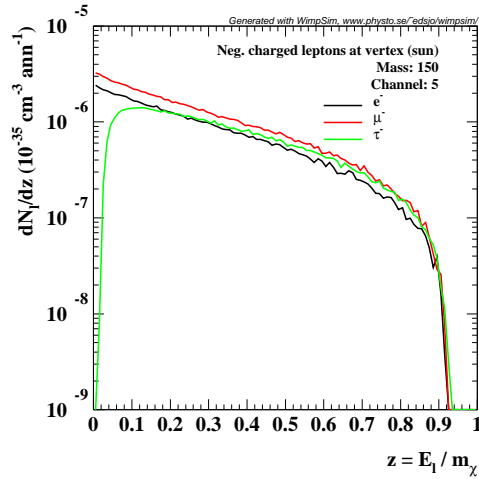


## 7.4 Channel 5 – $W^-W^+$

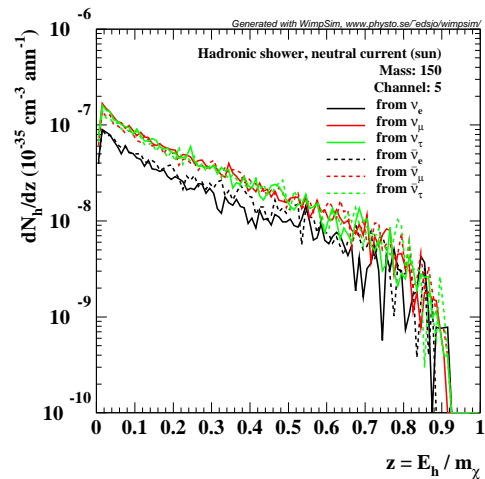
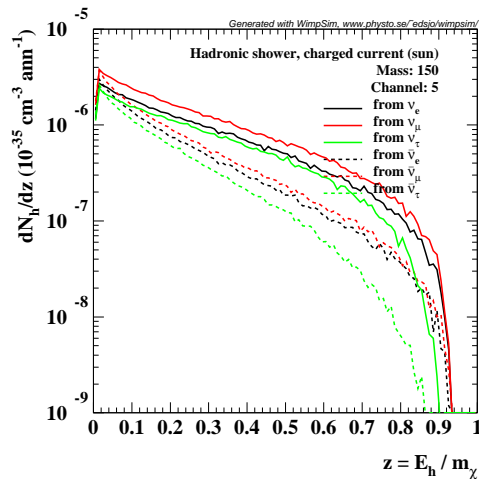
### 7.4.1 Neutrino fluxes at detector (Sun)



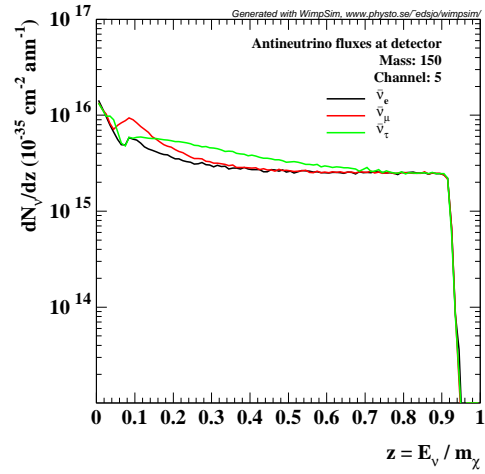
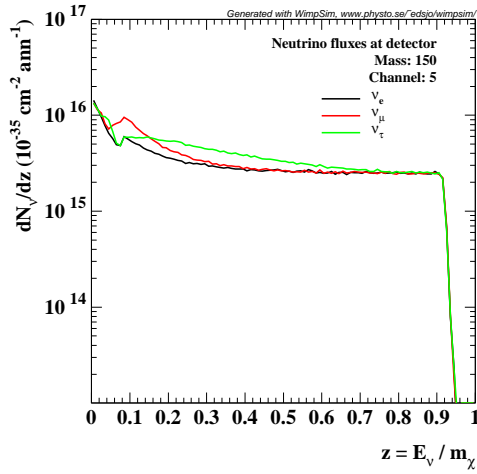
### 7.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



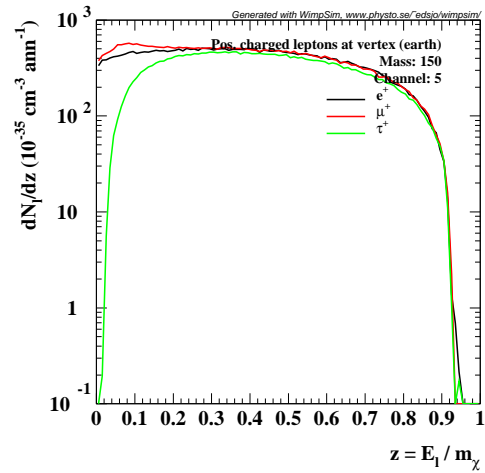
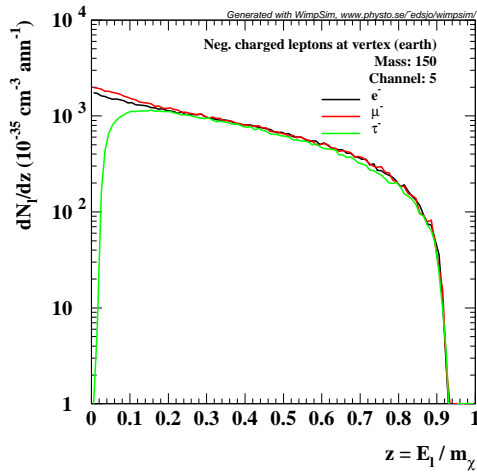
### 7.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



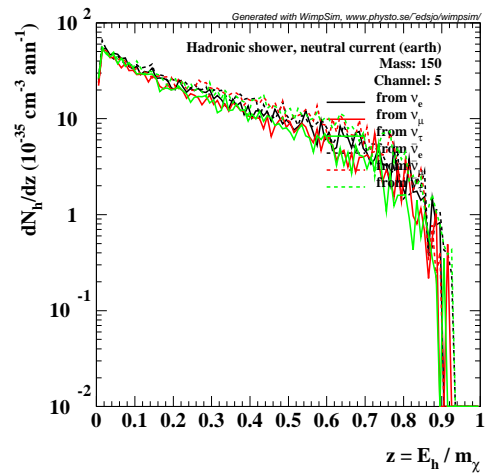
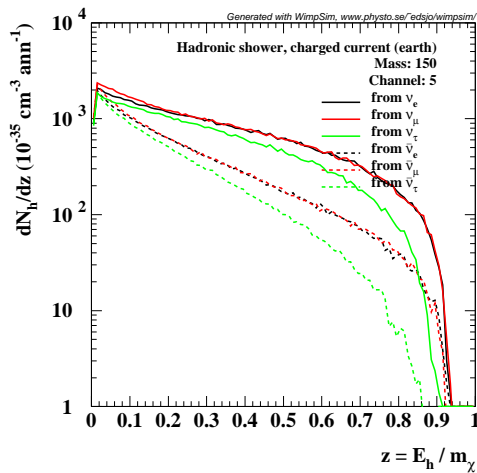
#### 7.4.4 Neutrino fluxes at detector (Earth)



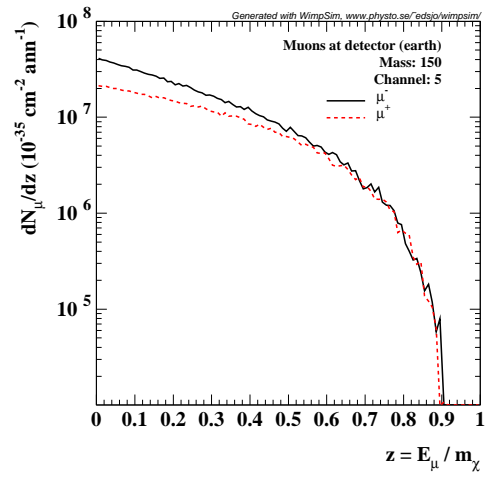
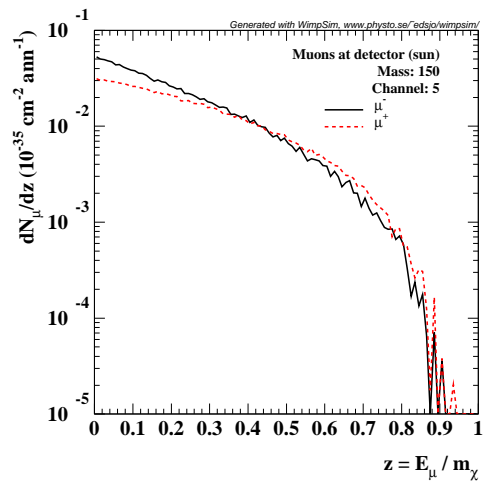
#### 7.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 7.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

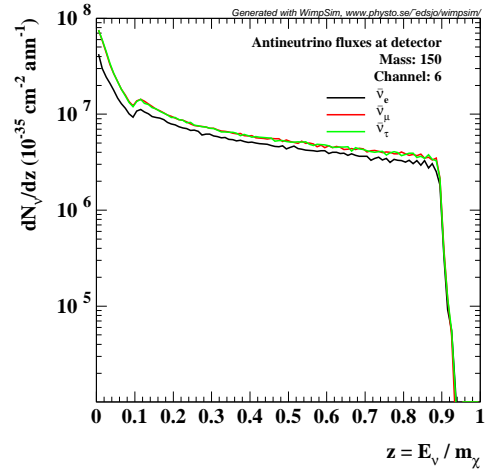
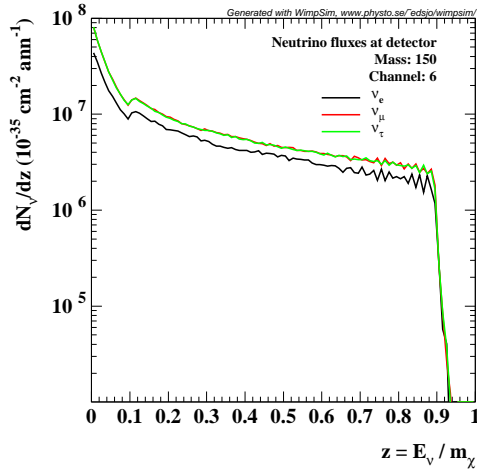


### 7.4.7 Muons at detector (Sun/Earth)

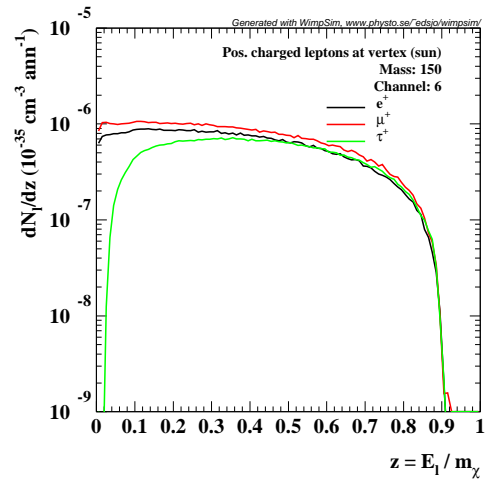
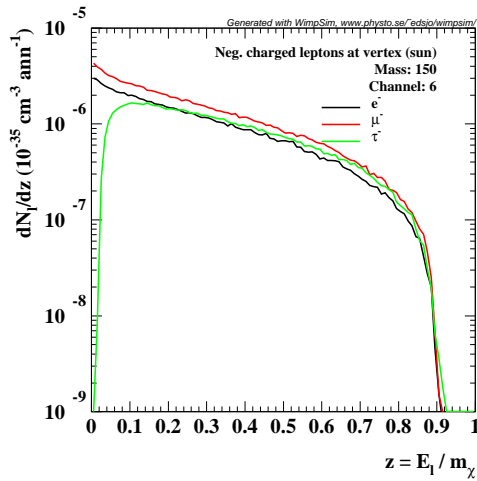


## 7.5 Channel 6 – $Z^0 Z^0$

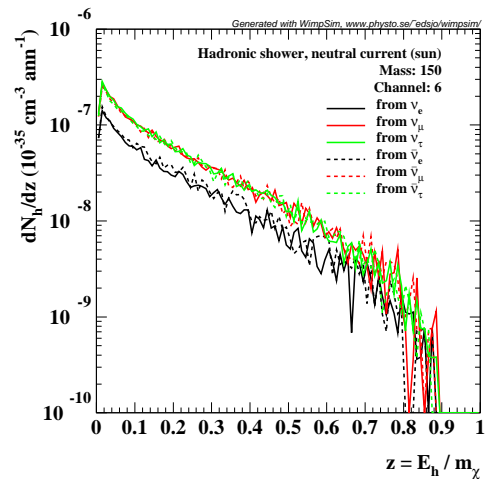
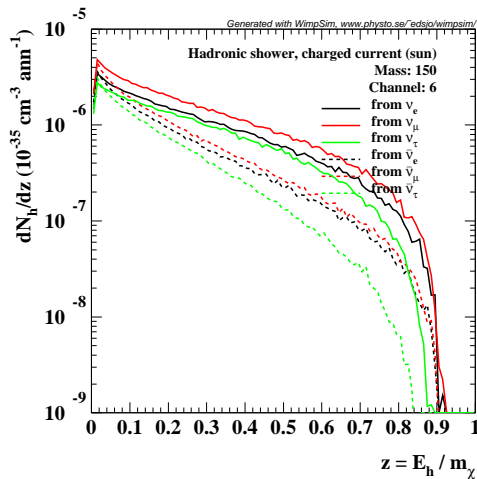
### 7.5.1 Neutrino fluxes at detector (Sun)



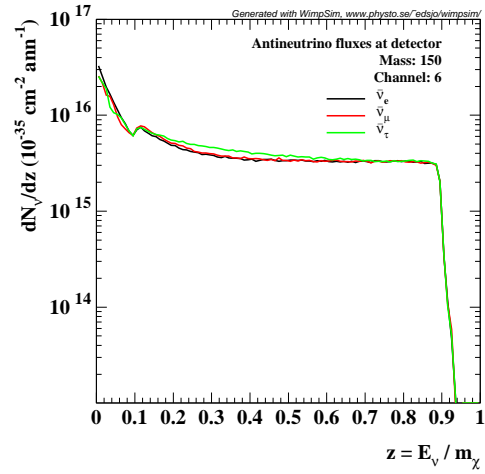
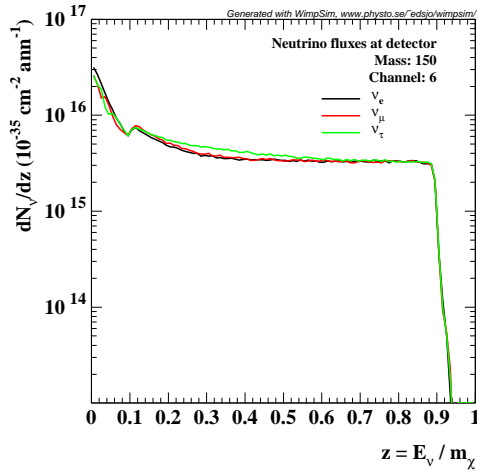
### 7.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



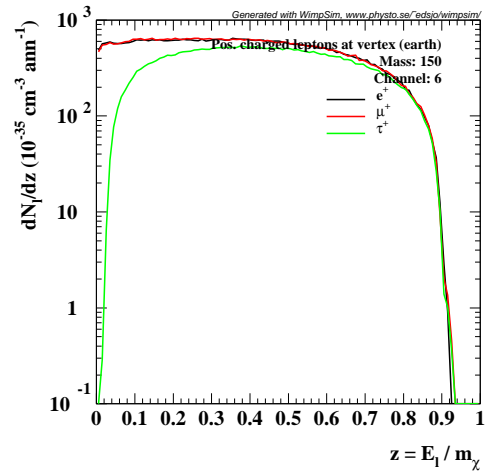
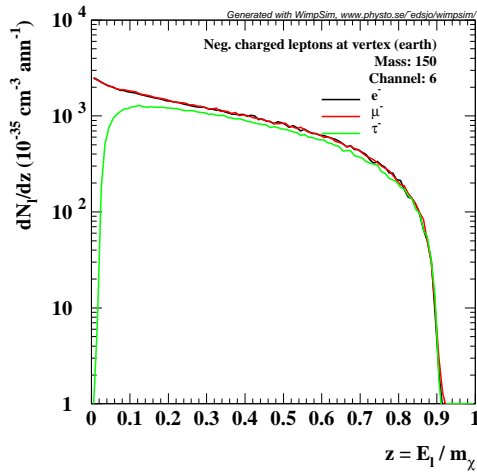
### 7.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



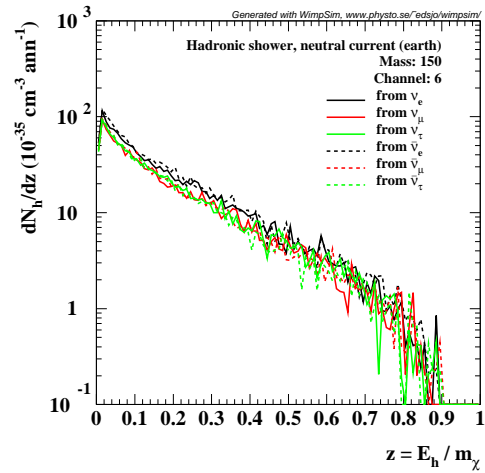
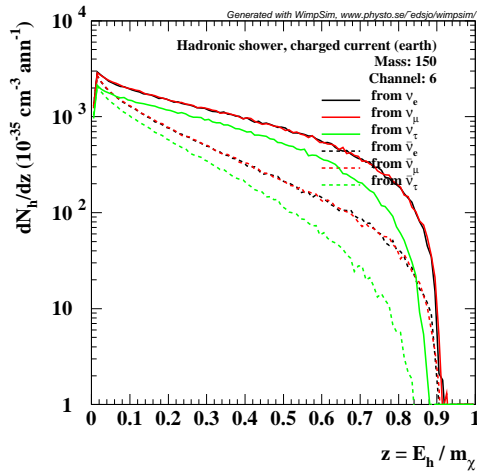
### 7.5.4 Neutrino fluxes at detector (Earth)



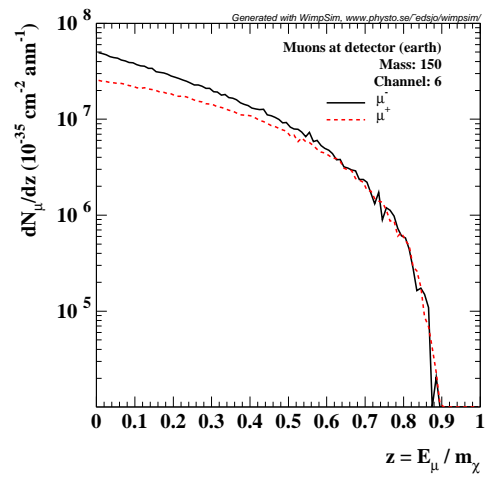
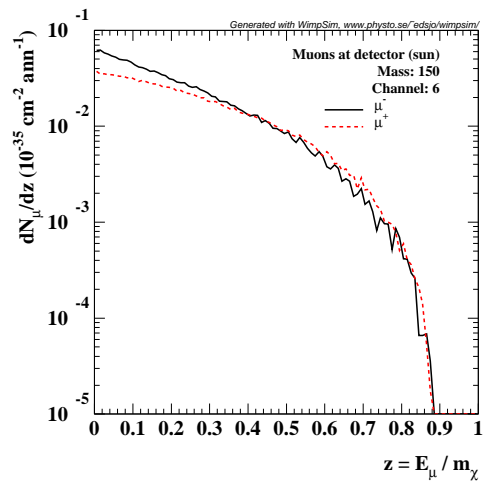
### 7.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 7.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

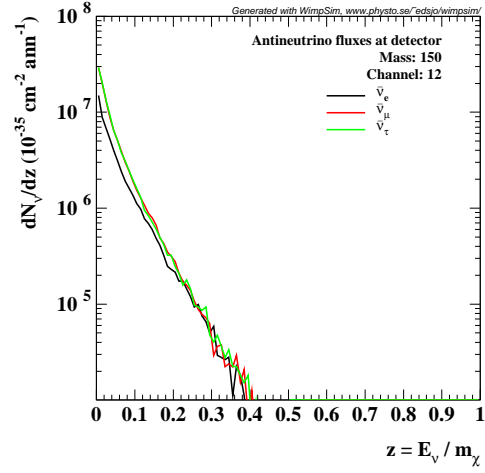
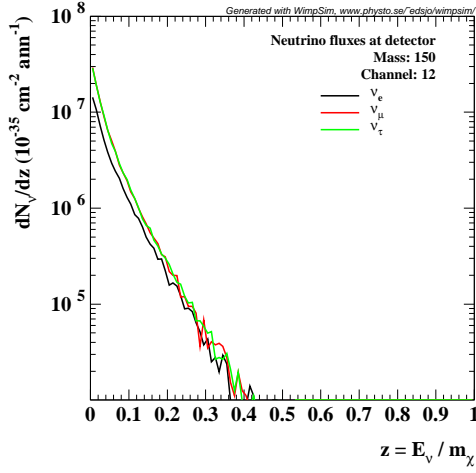


### 7.5.7 Muons at detector (Sun/Earth)

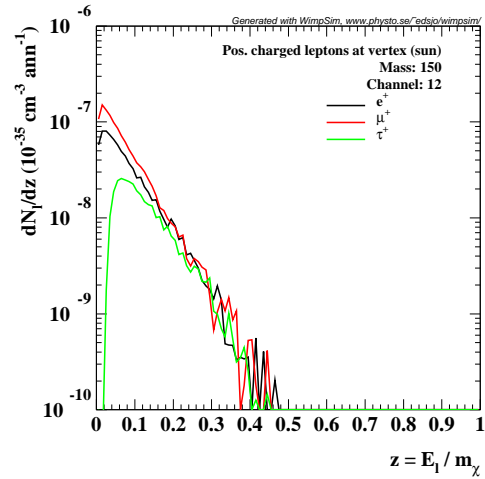
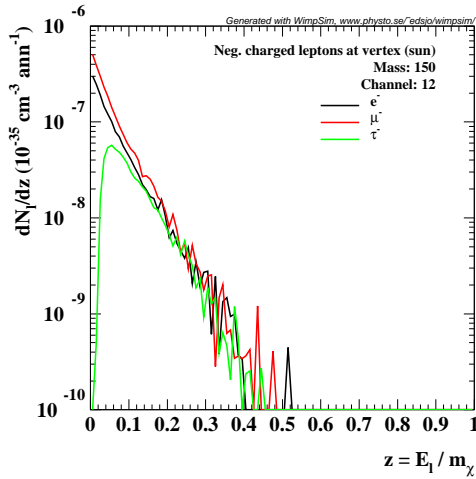


## 7.6 Channel 12 – $gg$

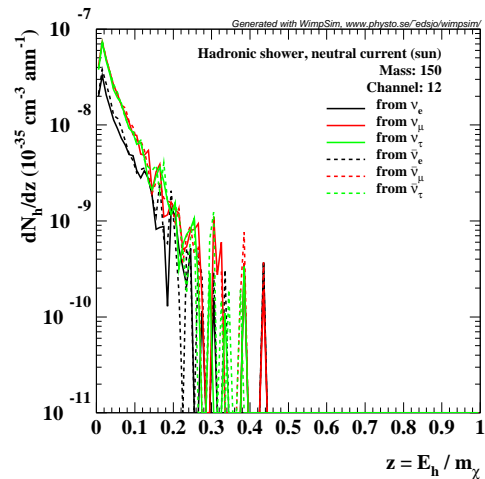
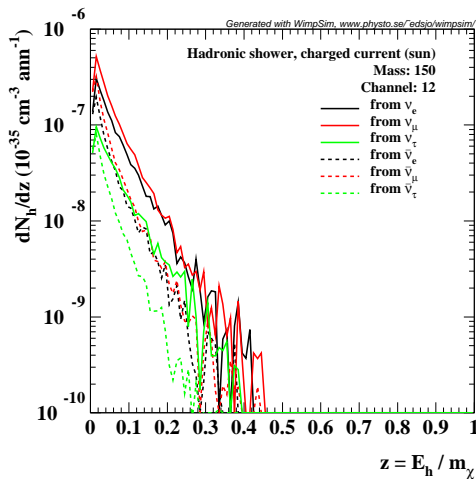
### 7.6.1 Neutrino fluxes at detector (Sun)



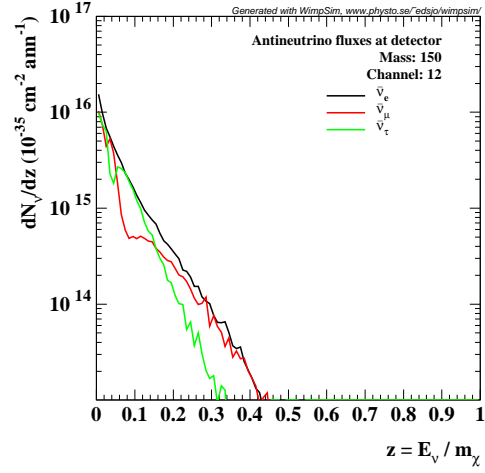
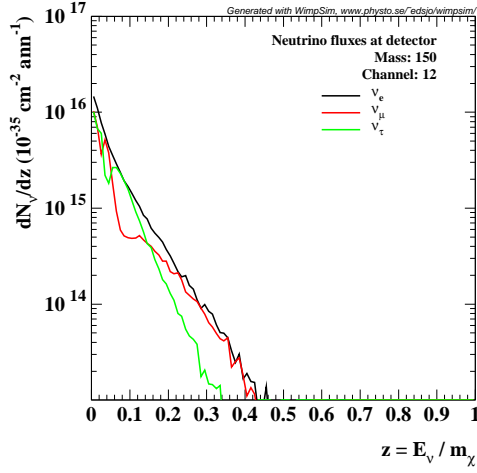
### 7.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



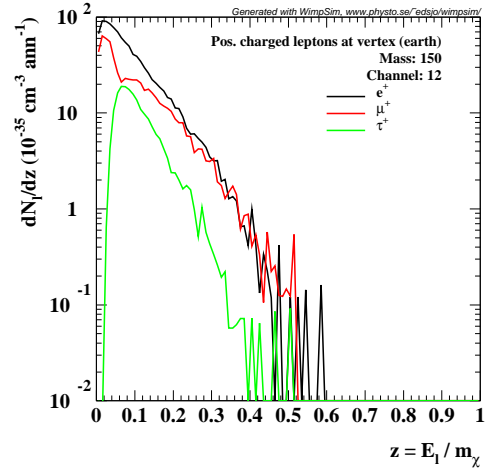
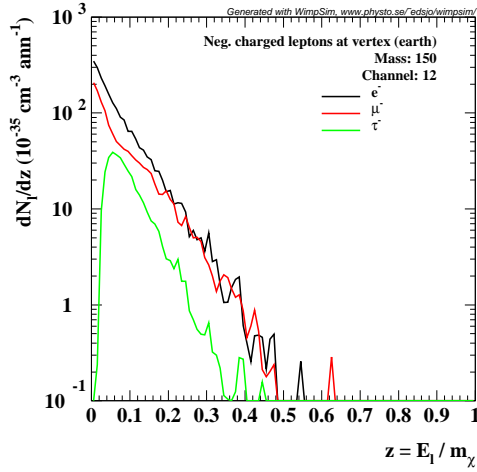
### 7.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



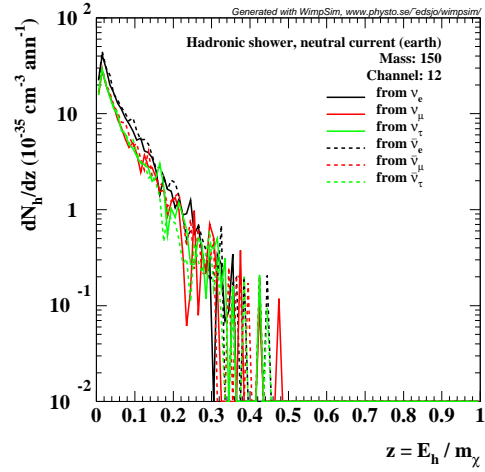
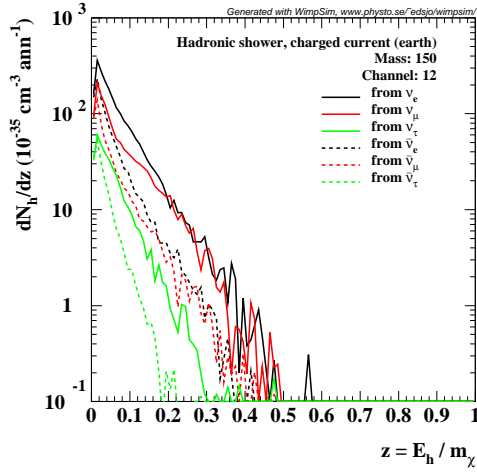
### 7.6.4 Neutrino fluxes at detector (Earth)



### 7.6.5 Charged leptons at neutrino-nucleon vertex (Earth)

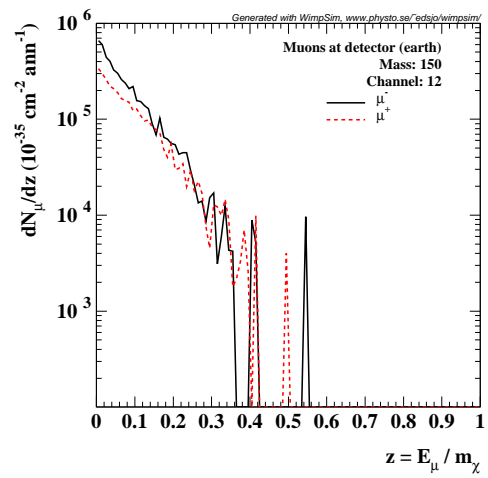
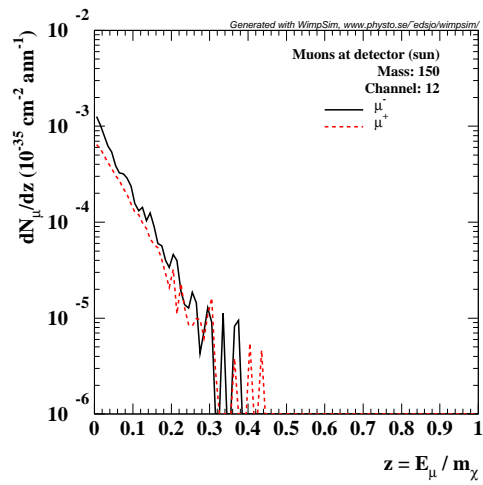


### 7.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)



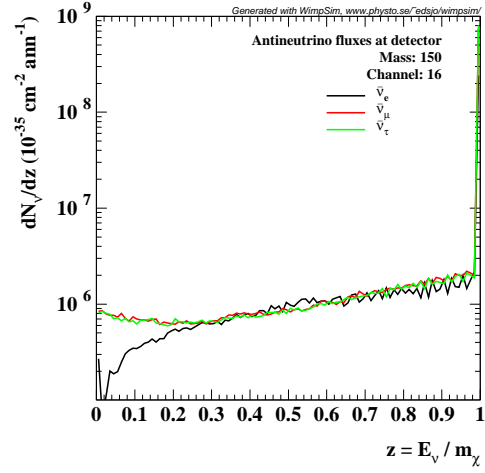
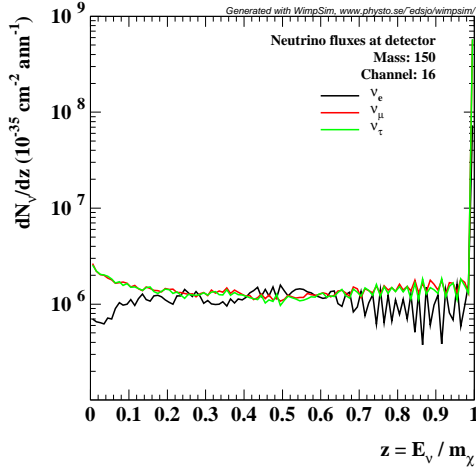


### 7.6.7 Muons at detector (Sun/Earth)

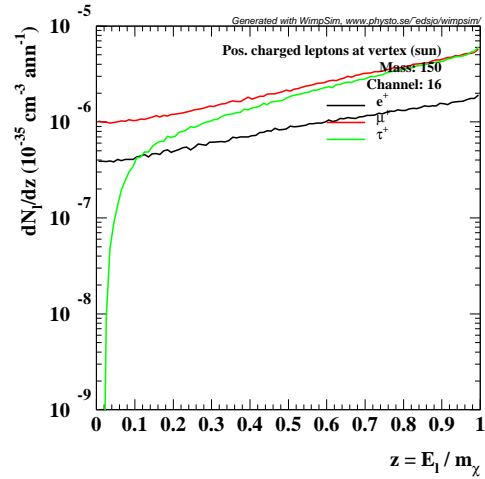
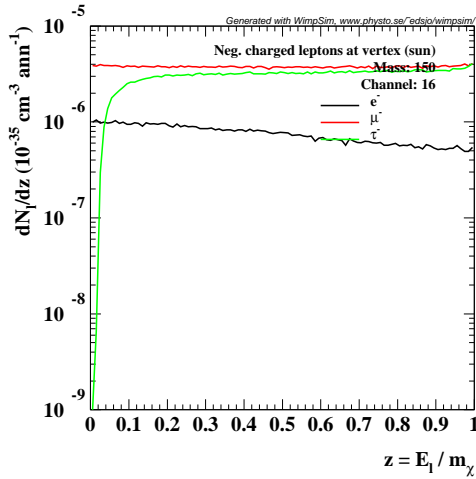


## 7.7 Channel 16 – $\nu_e \bar{\nu}_e$

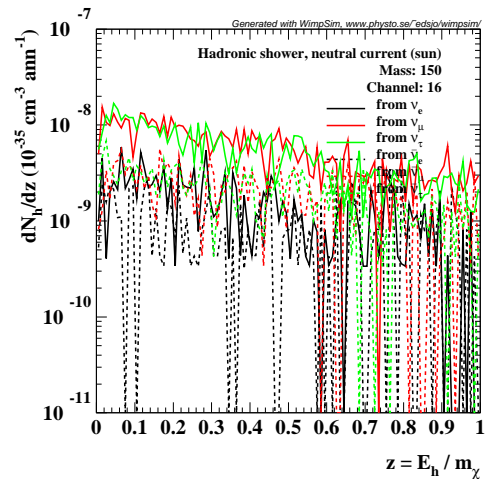
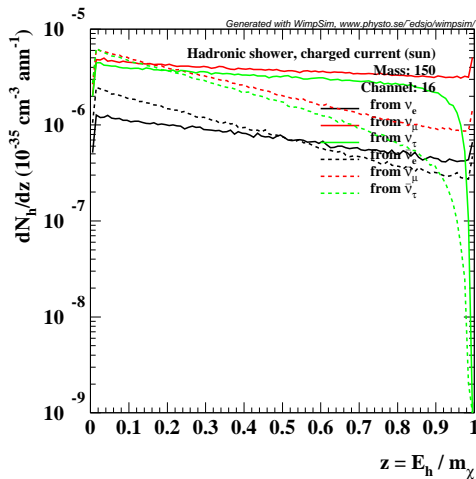
### 7.7.1 Neutrino fluxes at detector (Sun)



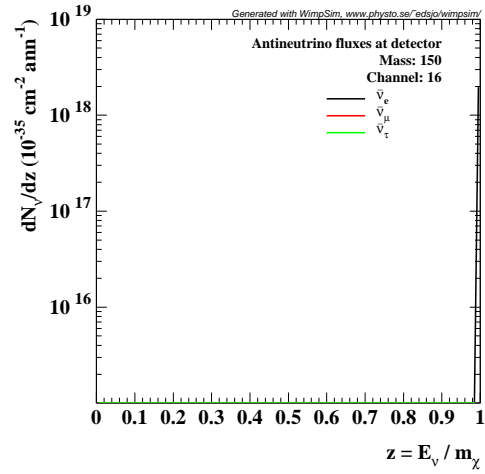
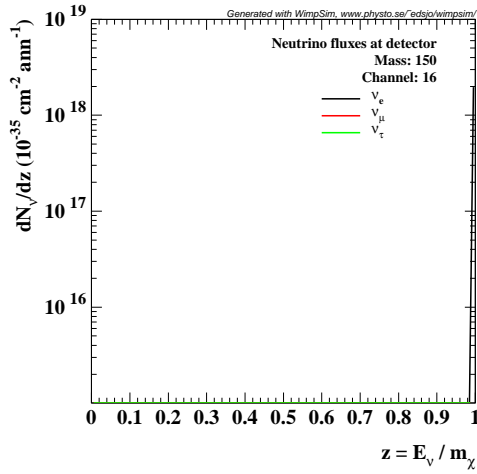
### 7.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



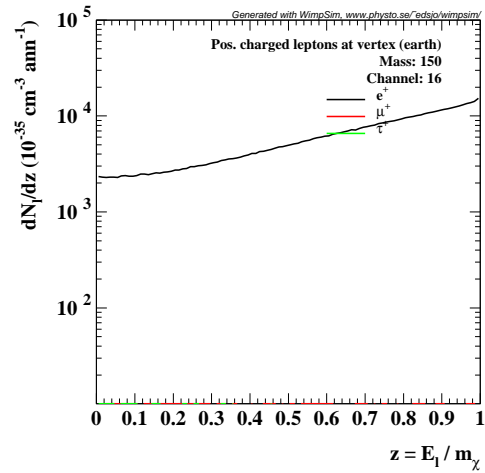
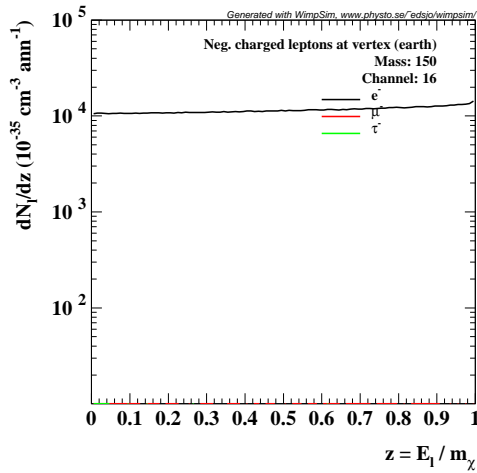
### 7.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



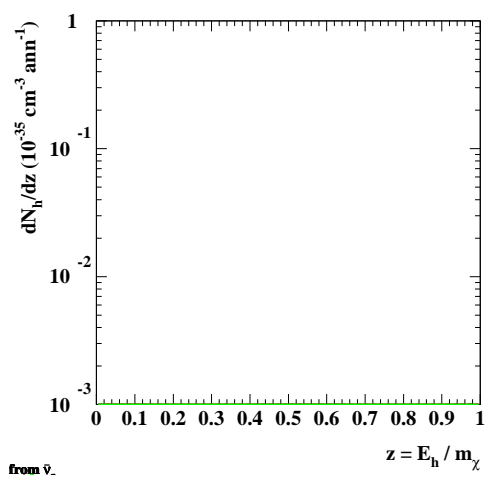
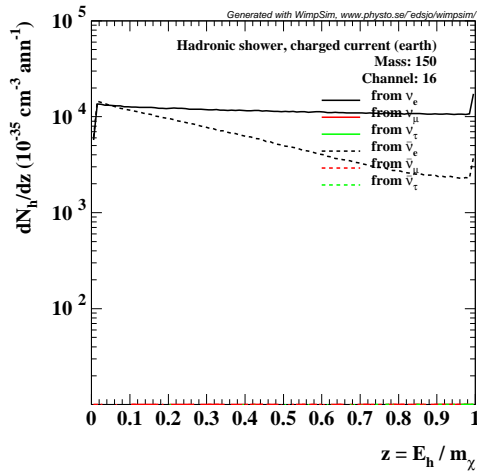
### 7.7.4 Neutrino fluxes at detector (Earth)



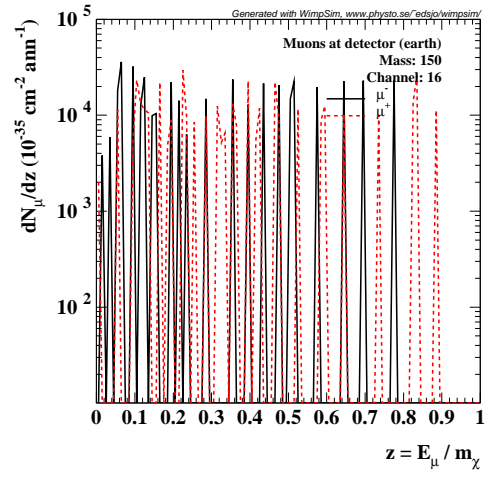
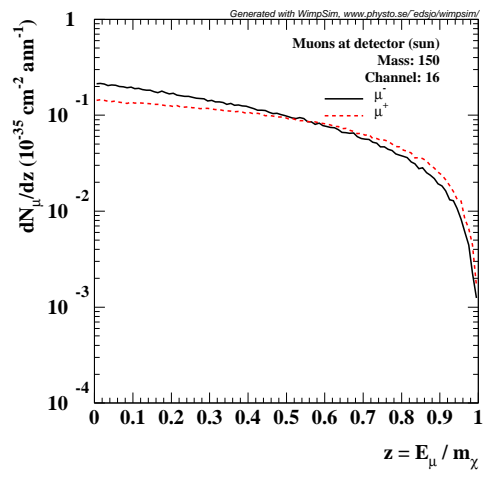
### 7.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 7.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)

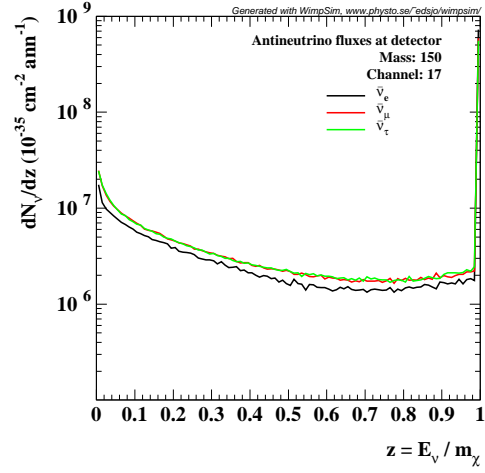
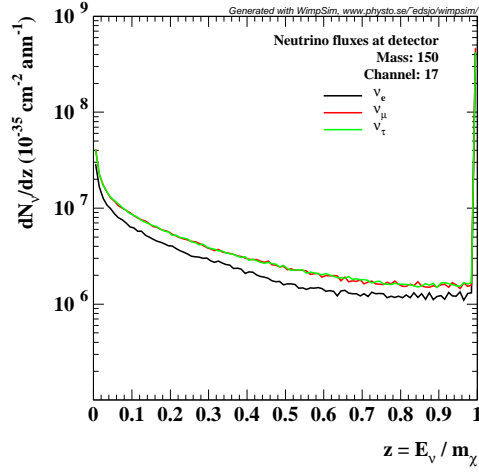


### 7.7.7 Muons at detector (Sun/Earth)

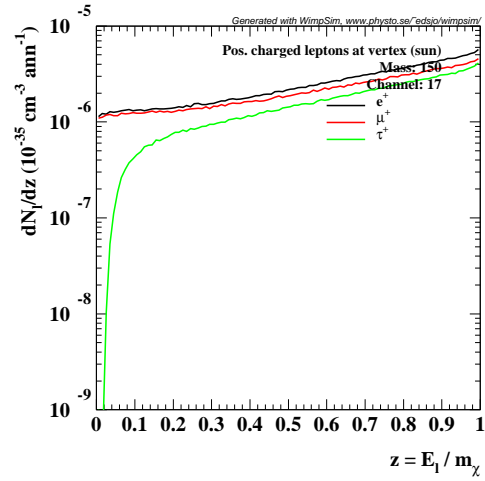
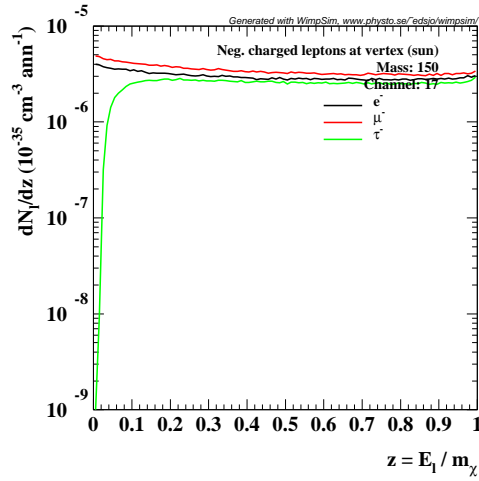


## 7.8 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

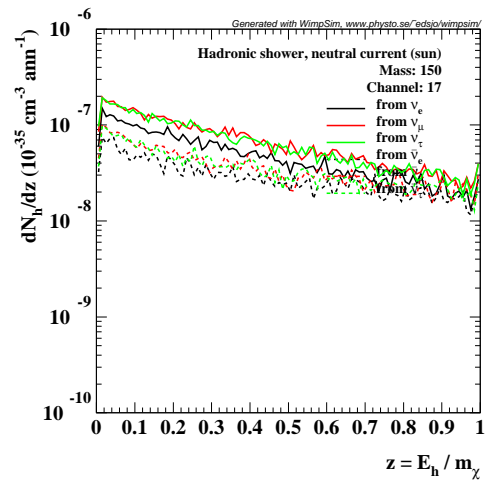
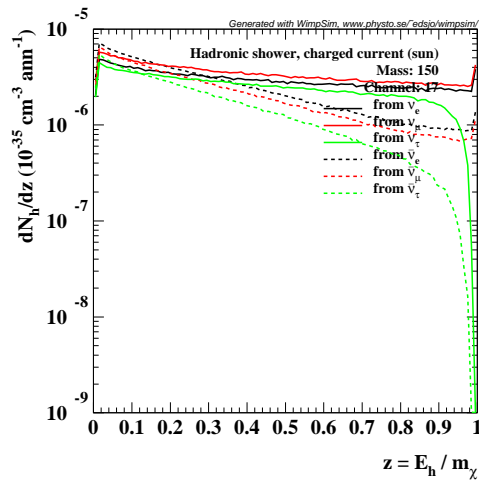
### 7.8.1 Neutrino fluxes at detector (Sun)



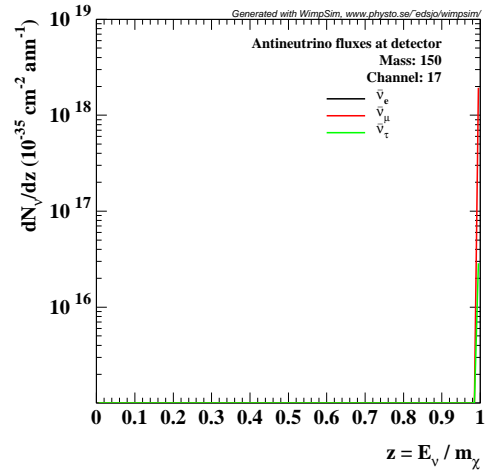
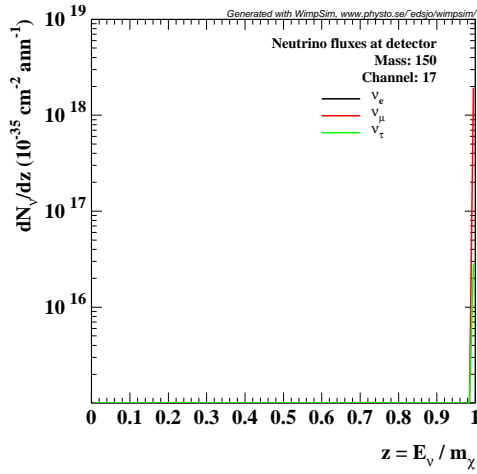
### 7.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



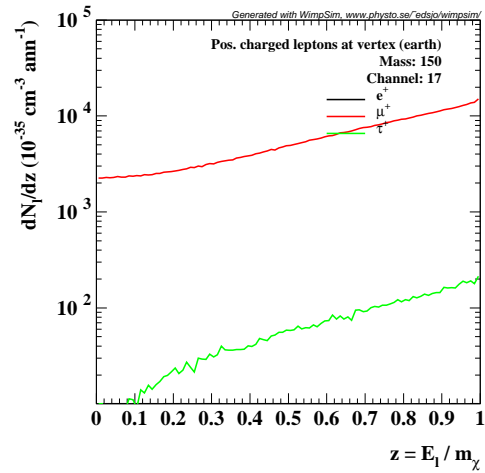
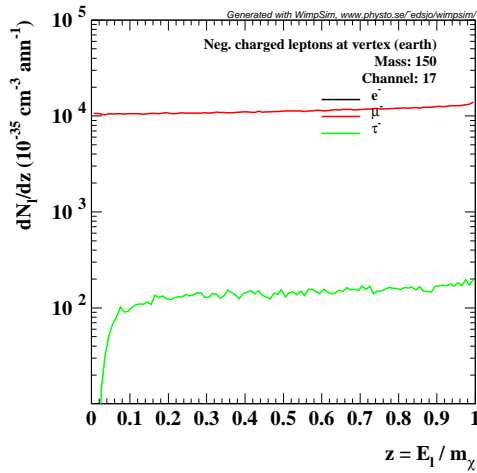
### 7.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



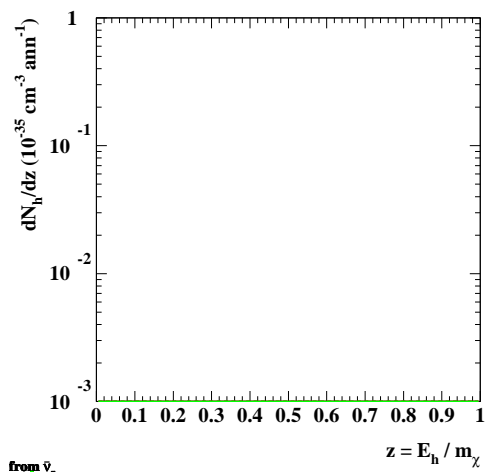
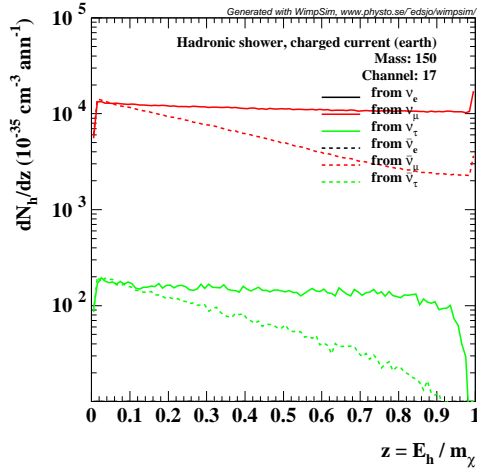
### 7.8.4 Neutrino fluxes at detector (Earth)



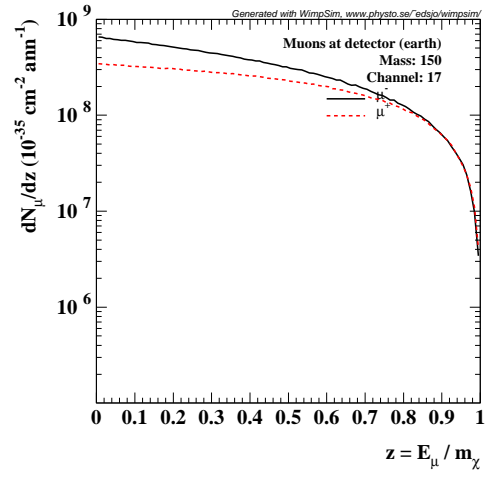
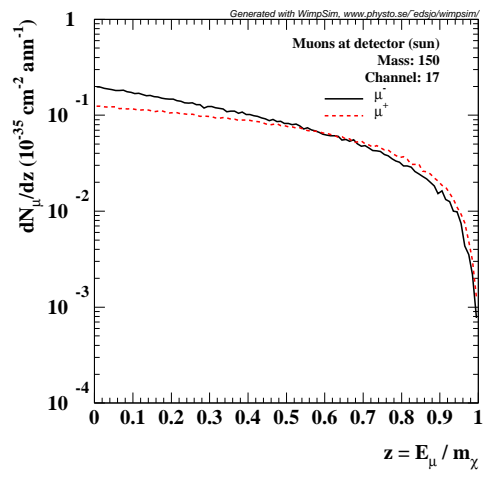
### 7.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 7.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)

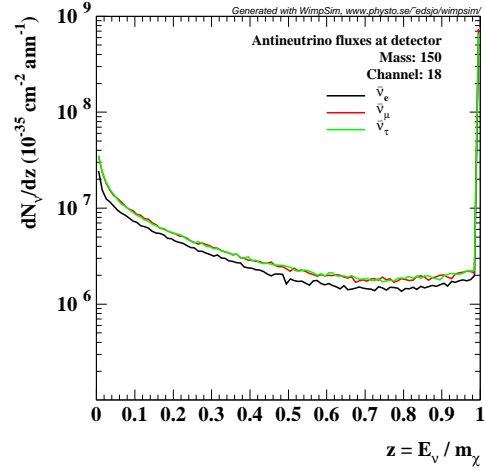
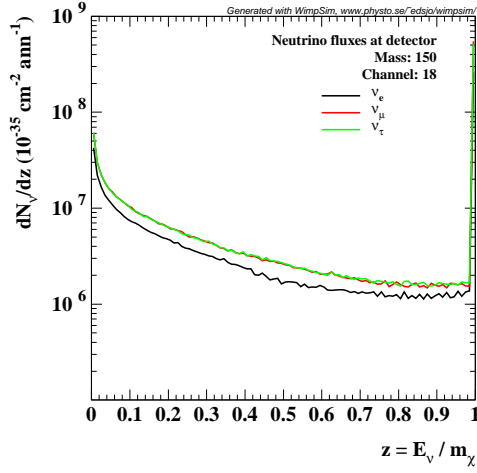


### 7.8.7 Muons at detector (Sun/Earth)

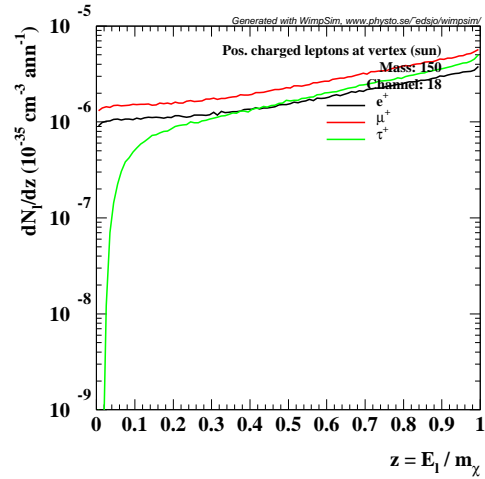
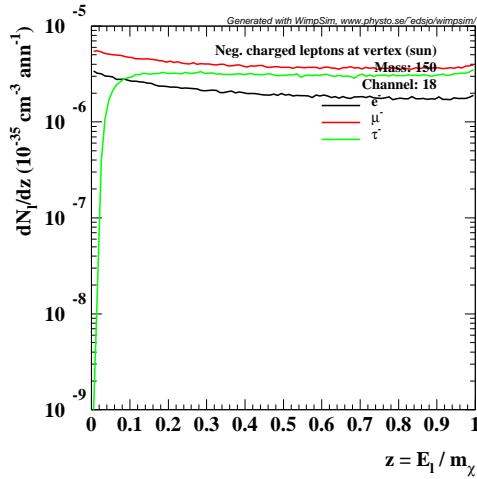


## 7.9 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

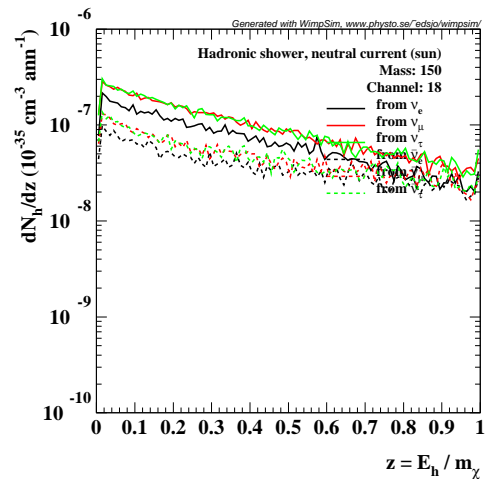
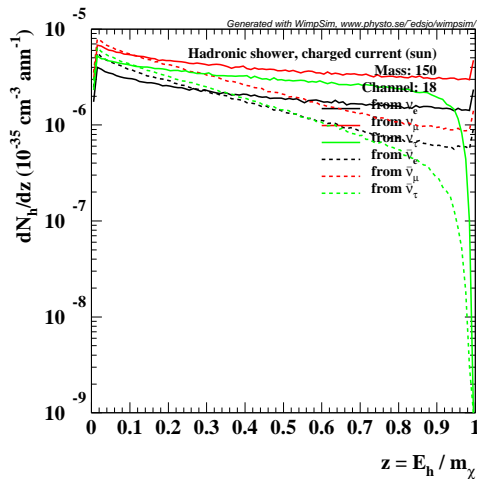
### 7.9.1 Neutrino fluxes at detector (Sun)



### 7.9.2 Charged leptons at neutrino-nucleon vertex (Sun)

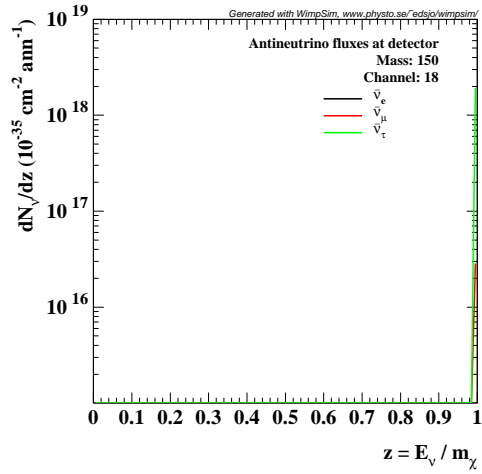
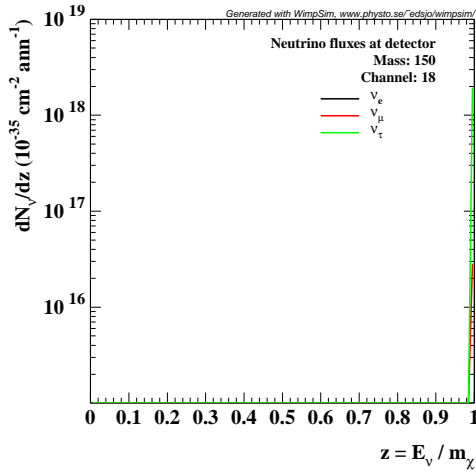


### 7.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)

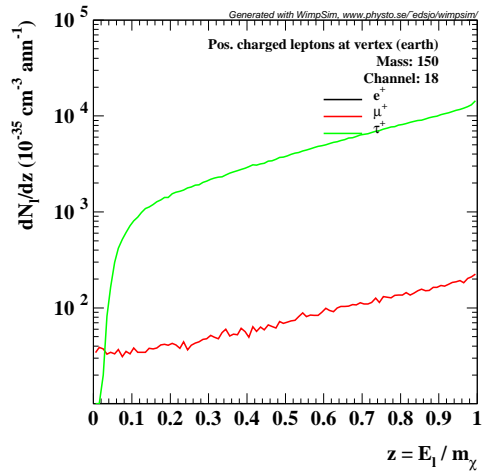
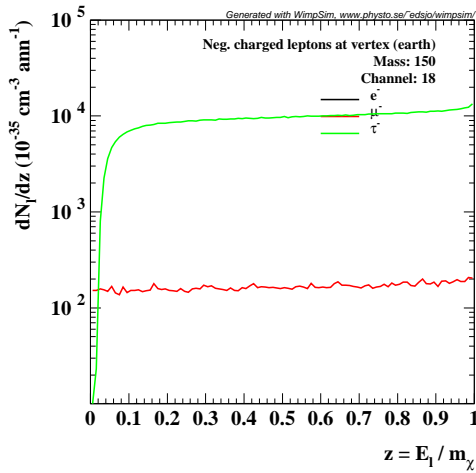




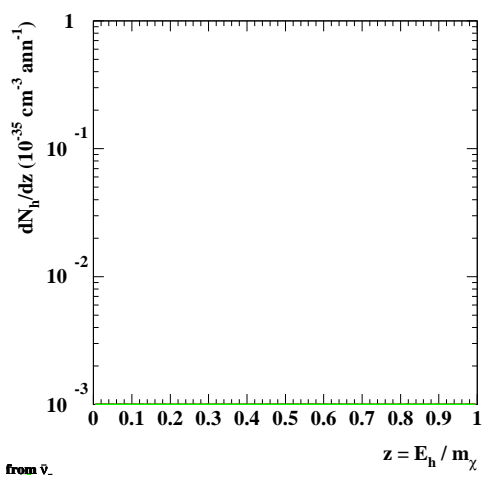
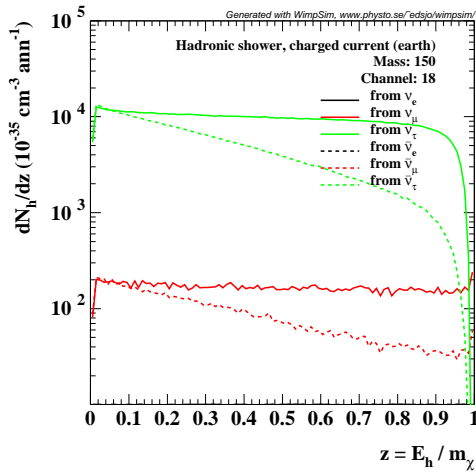
### 7.9.4 Neutrino fluxes at detector (Earth)



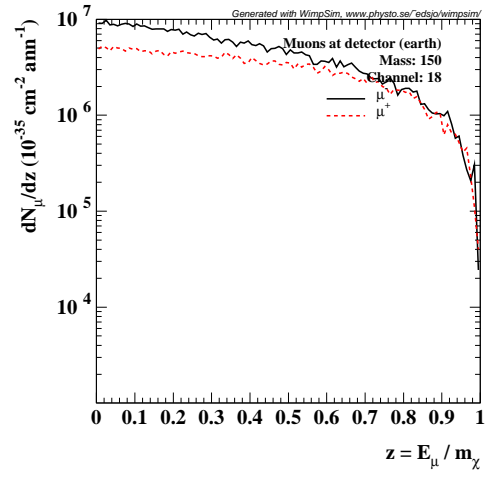
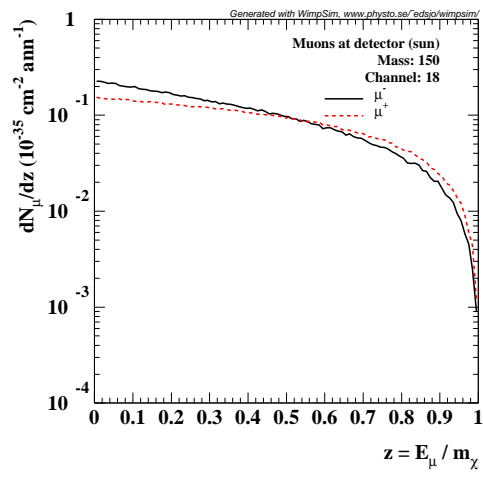
### 7.9.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 7.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)



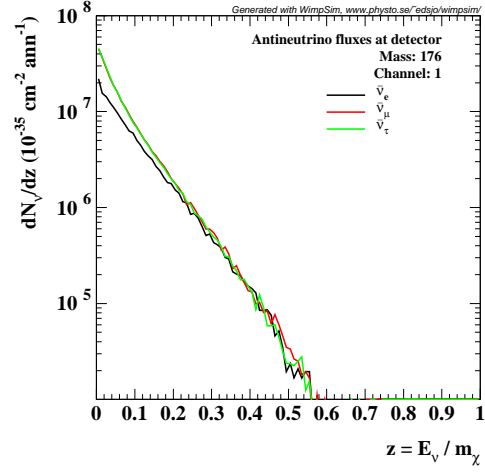
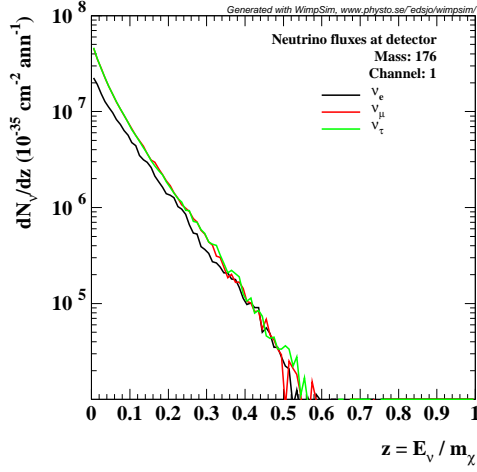
### 7.9.7 Muons at detector (Sun/Earth)



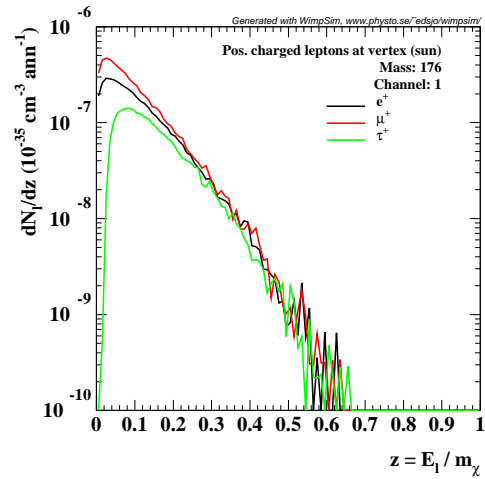
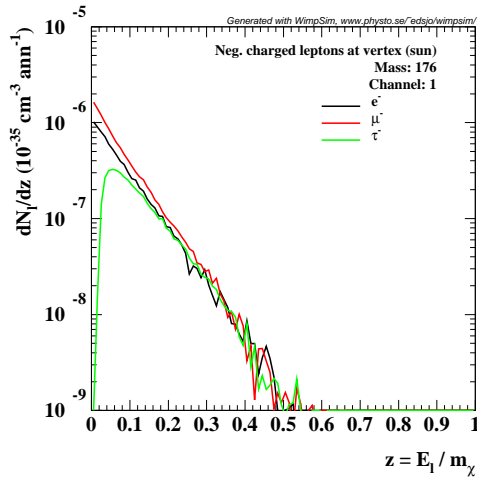
## 8 Mass 176

### 8.1 Channel 1 – $c\bar{c}$

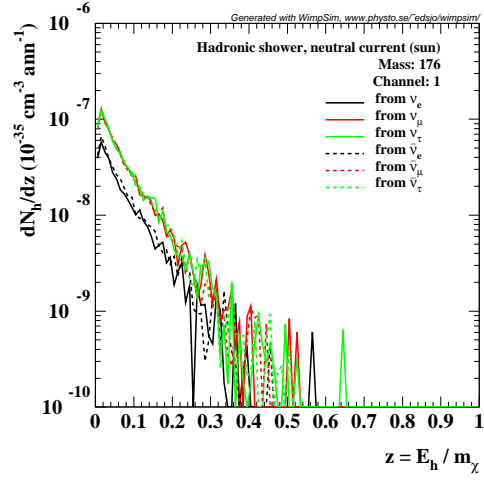
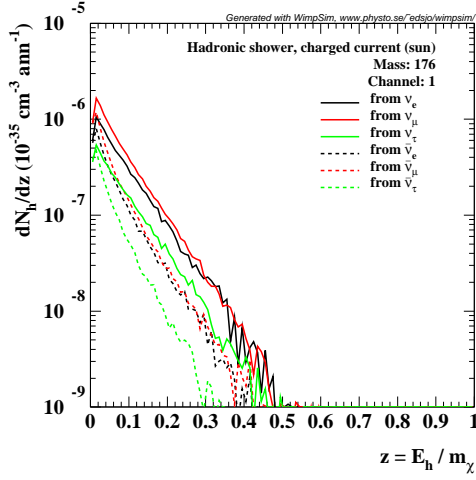
#### 8.1.1 Neutrino fluxes at detector (Sun)



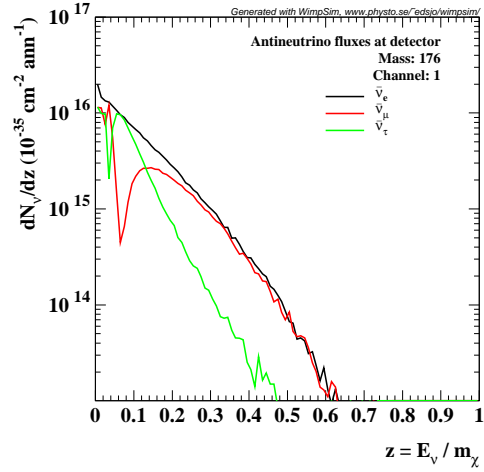
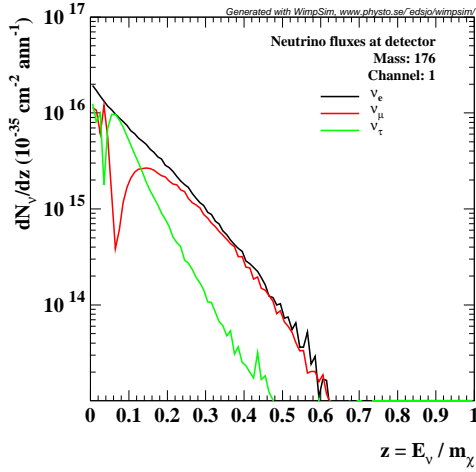
#### 8.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



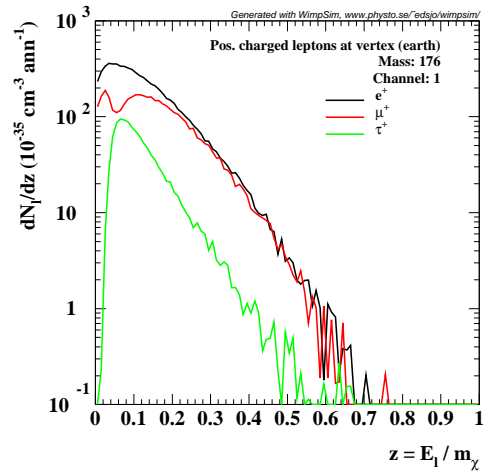
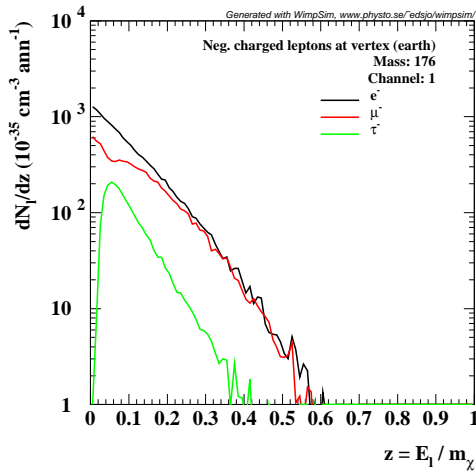
### 8.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



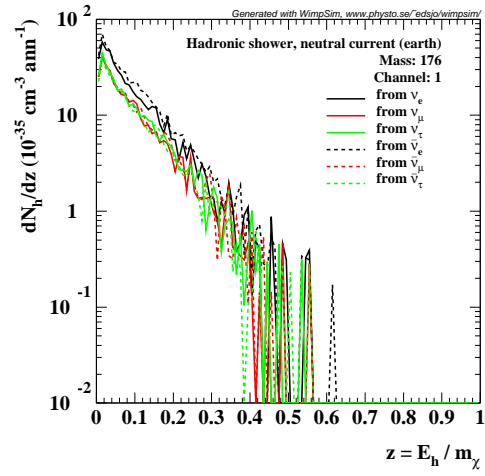
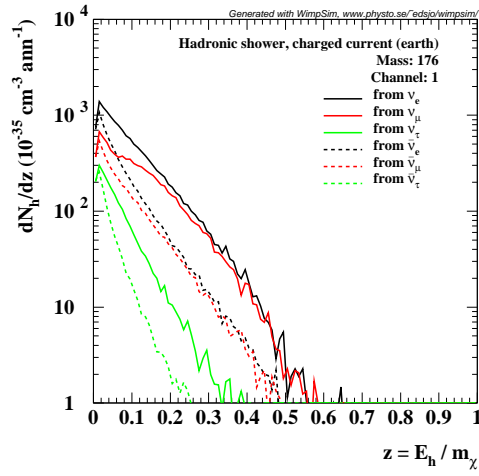
### 8.1.4 Neutrino fluxes at detector (Earth)



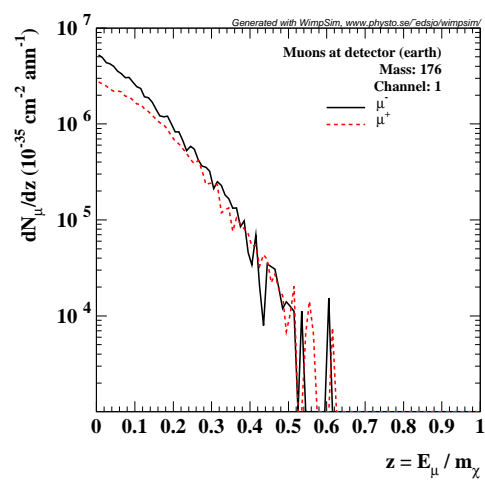
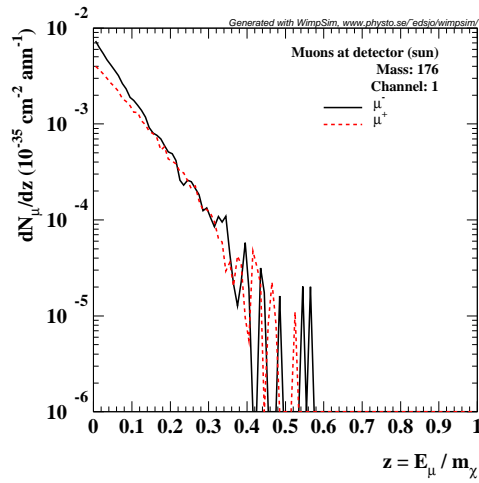
### 8.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 8.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

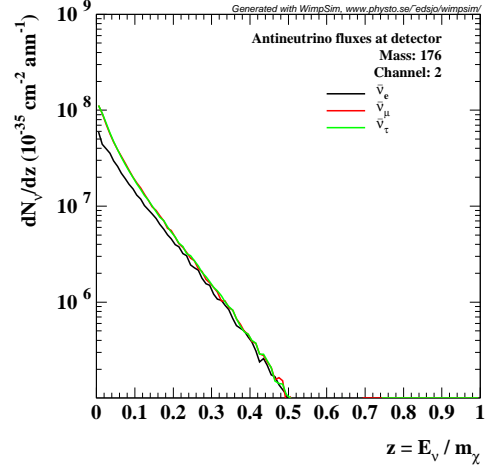
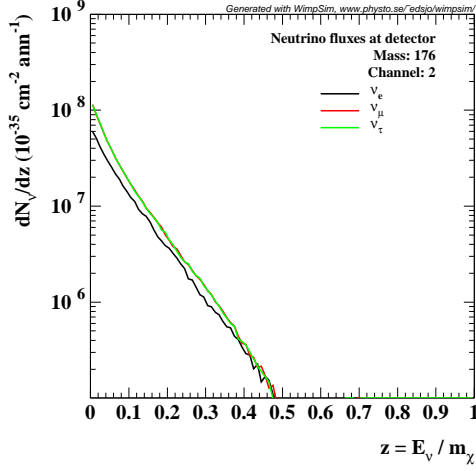


### 8.1.7 Muons at detector (Sun/Earth)

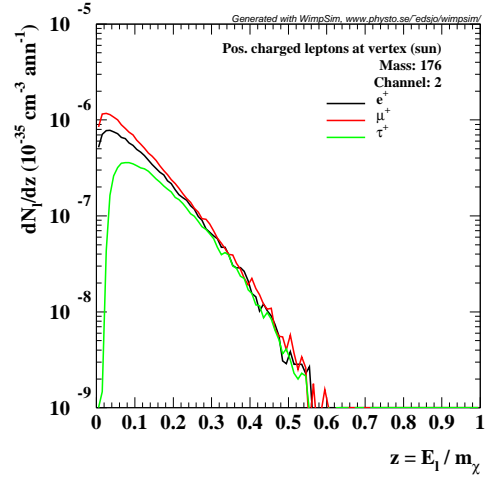
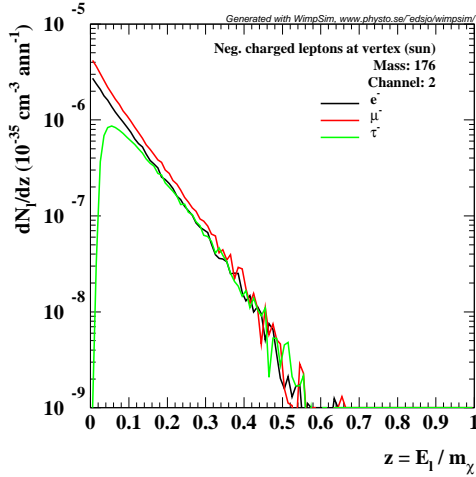


## 8.2 Channel 2 – $b\bar{b}$

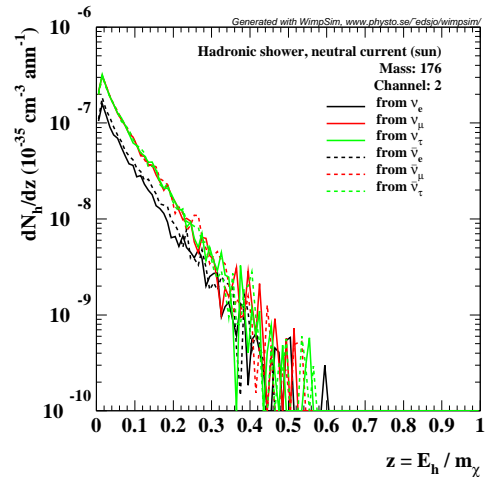
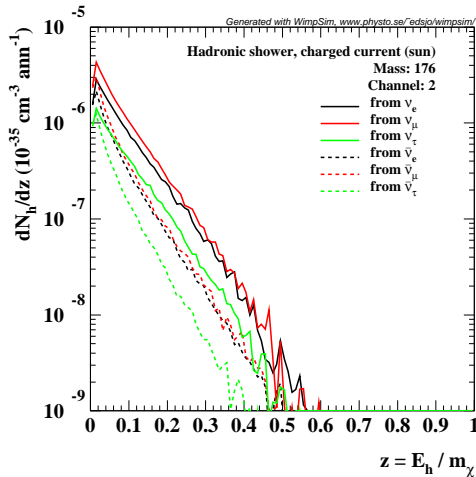
### 8.2.1 Neutrino fluxes at detector (Sun)



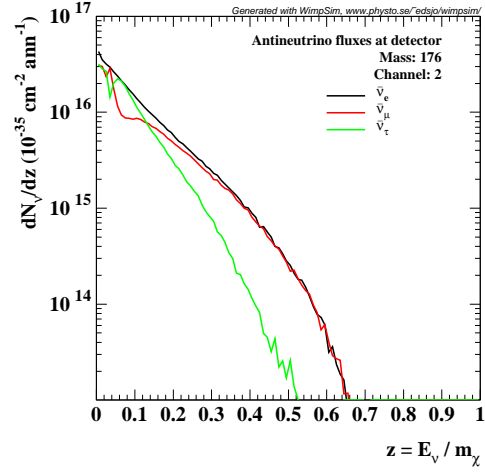
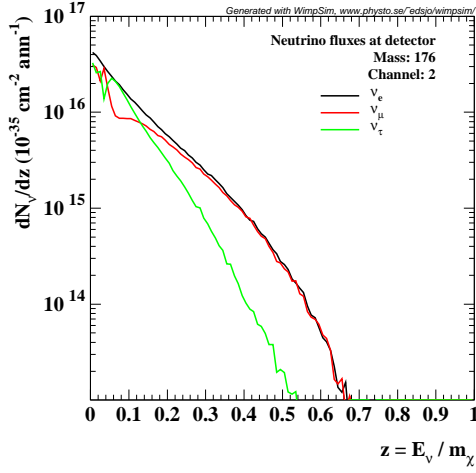
### 8.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



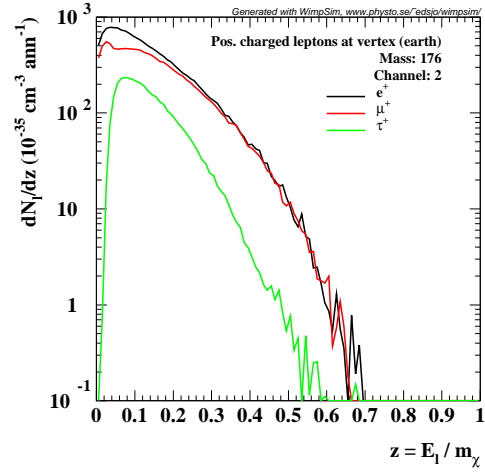
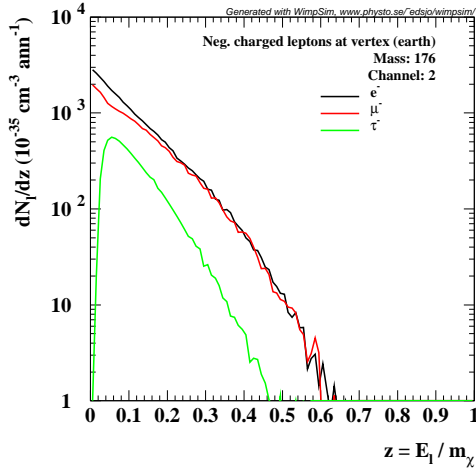
### 8.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



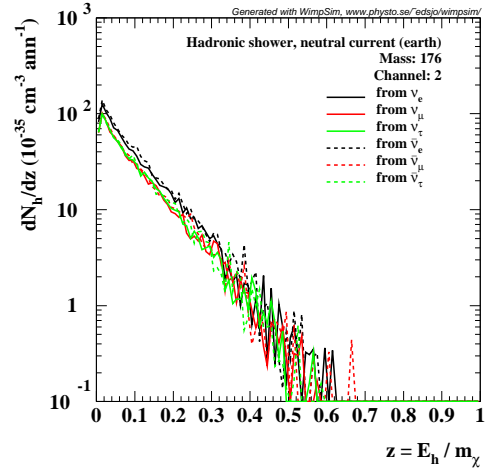
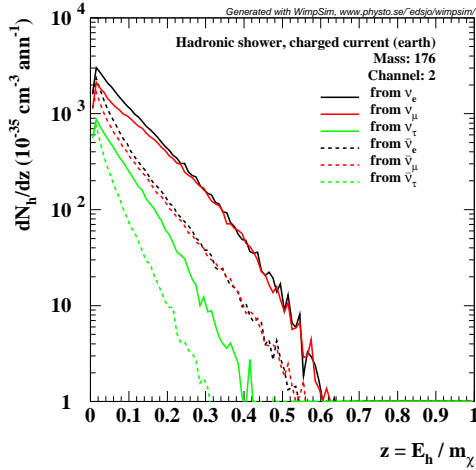
### 8.2.4 Neutrino fluxes at detector (Earth)



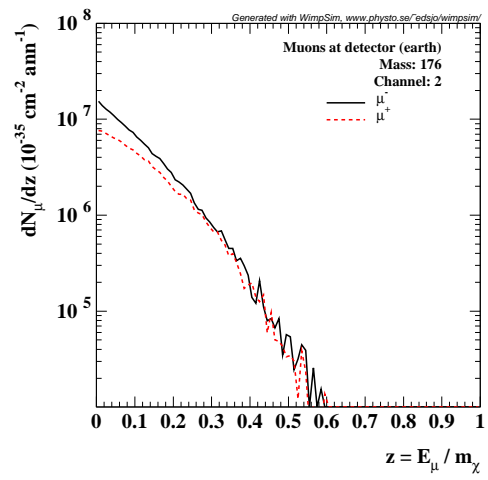
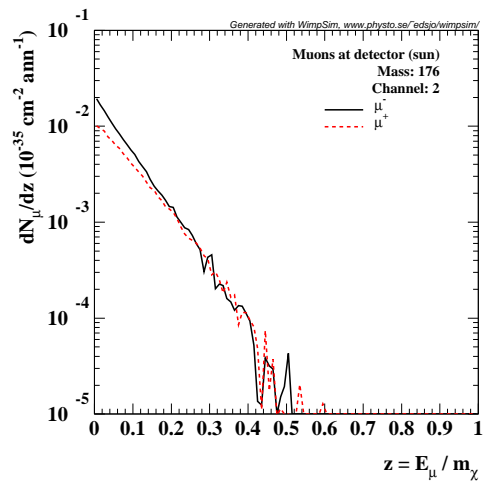
### 8.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 8.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)



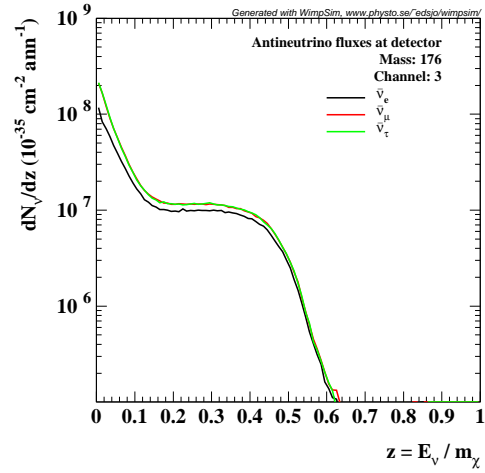
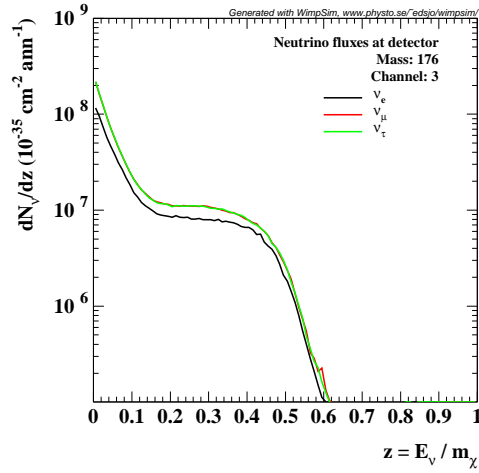
### 8.2.7 Muons at detector (Sun/Earth)



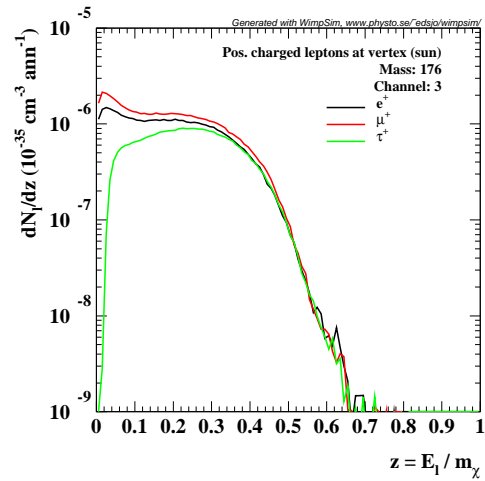
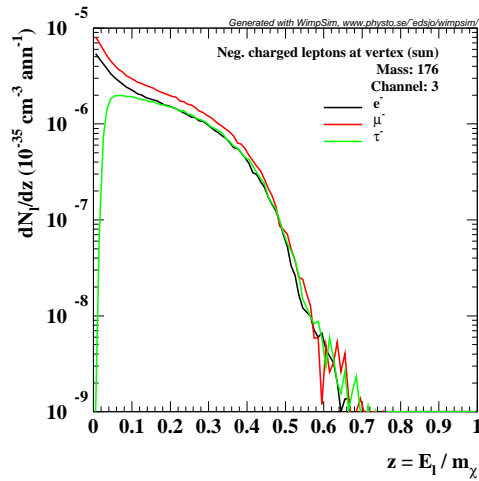


### 8.3 Channel 3 – $t\bar{t}$

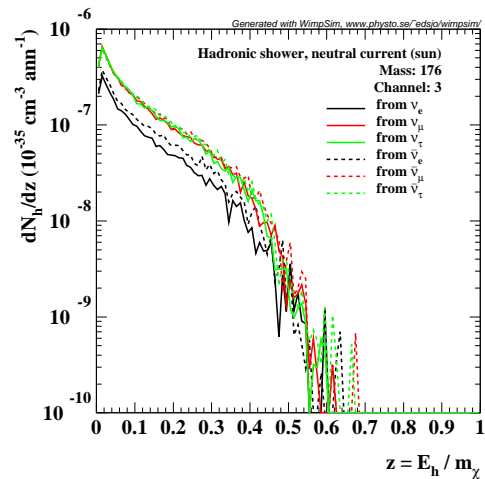
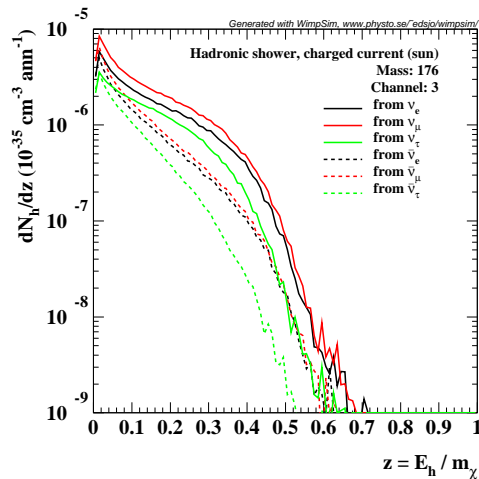
#### 8.3.1 Neutrino fluxes at detector (Sun)



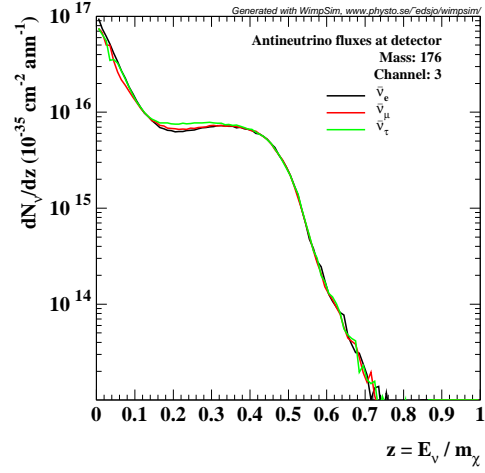
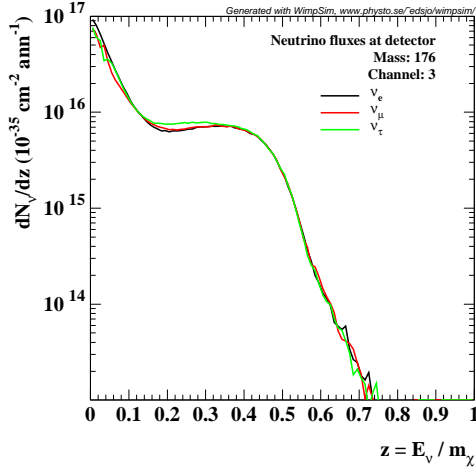
#### 8.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



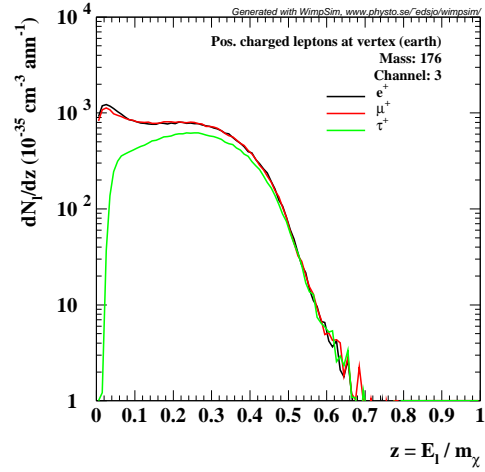
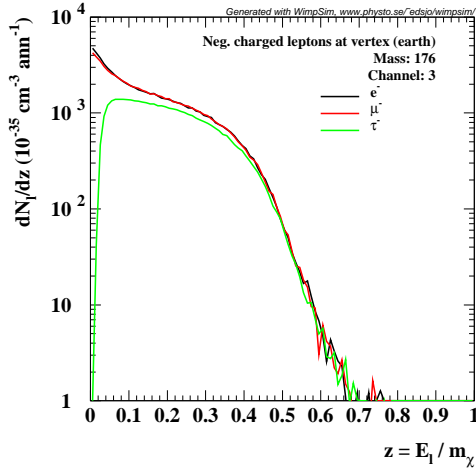
#### 8.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



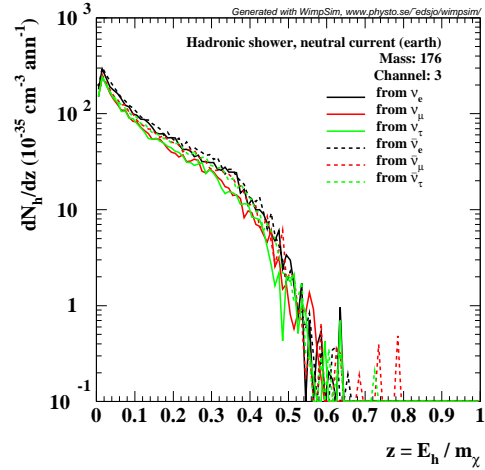
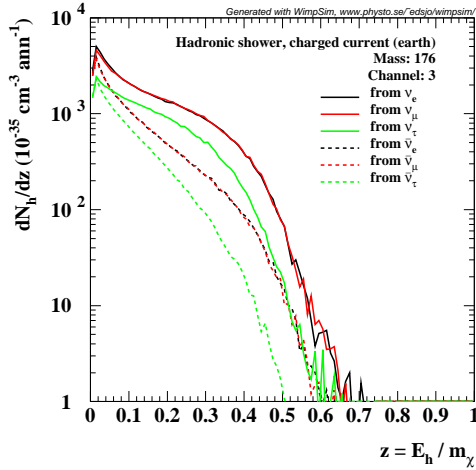
### 8.3.4 Neutrino fluxes at detector (Earth)



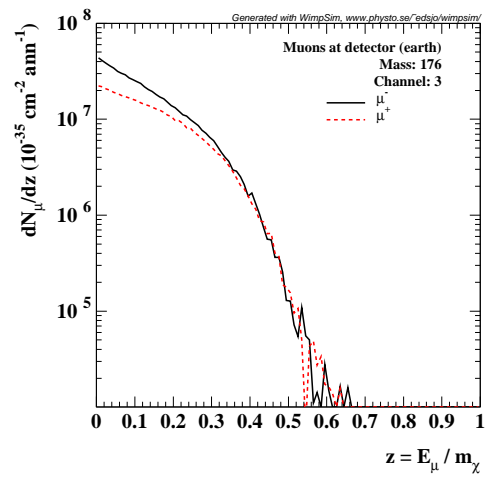
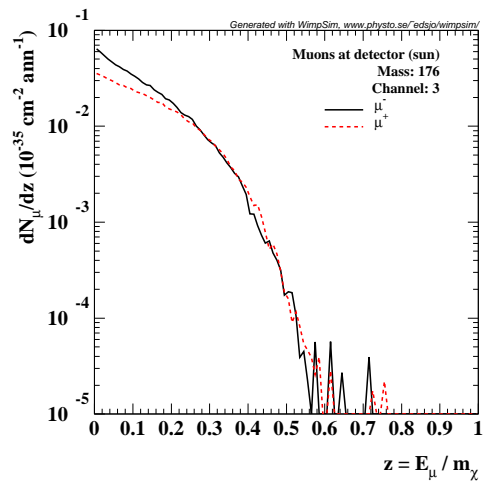
### 8.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 8.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

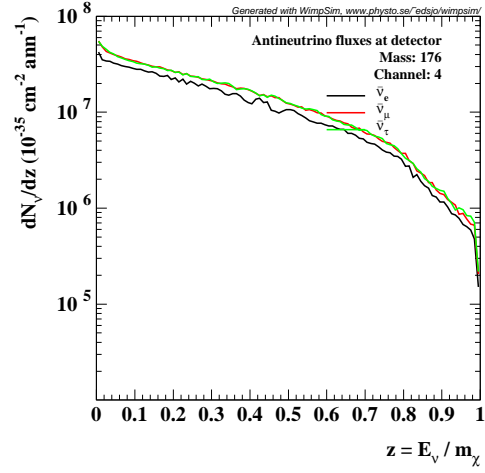
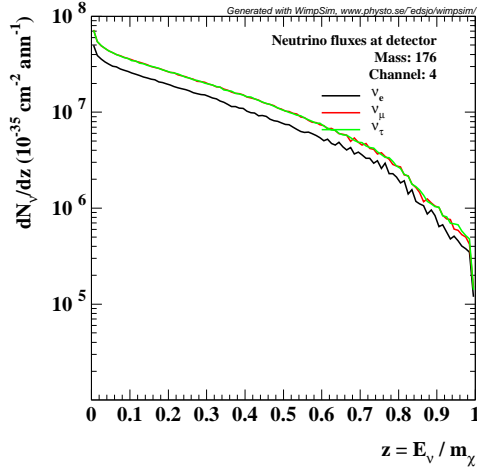


### 8.3.7 Muons at detector (Sun/Earth)

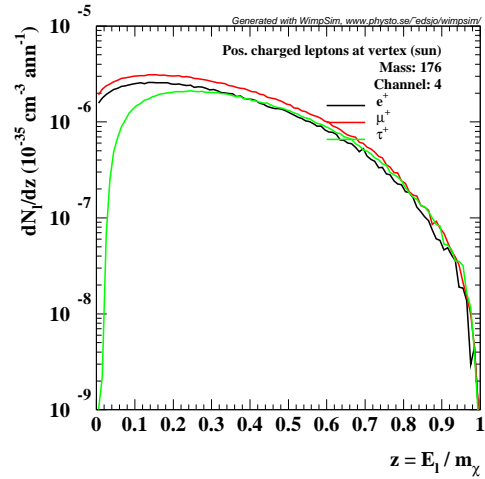
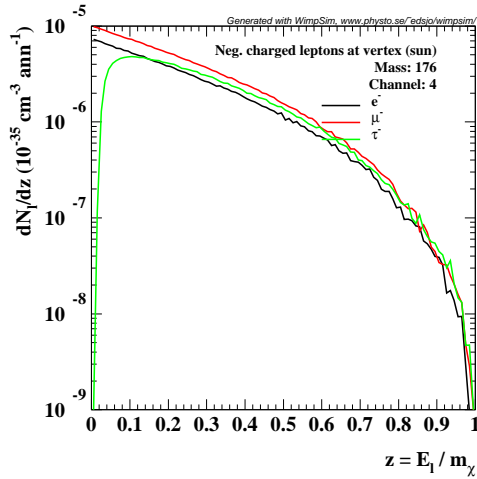


## 8.4 Channel 4 – $\tau^- \tau^+$

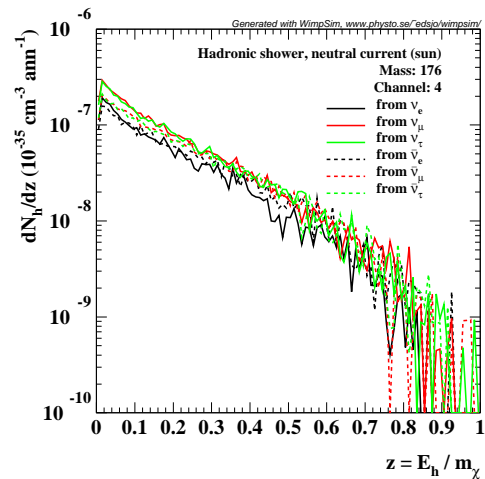
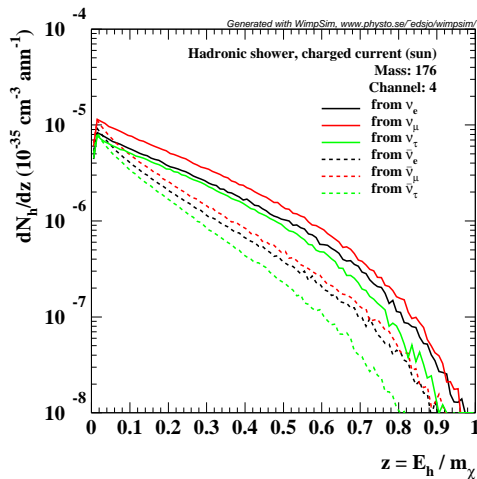
### 8.4.1 Neutrino fluxes at detector (Sun)



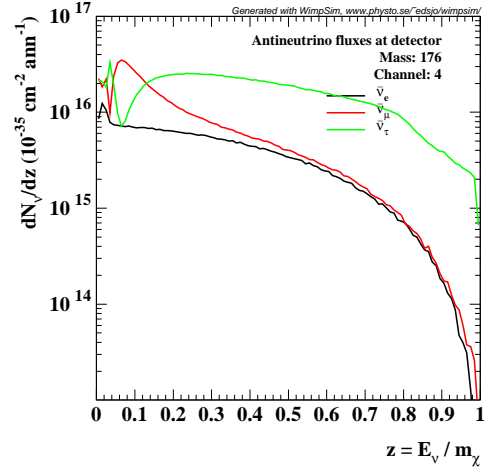
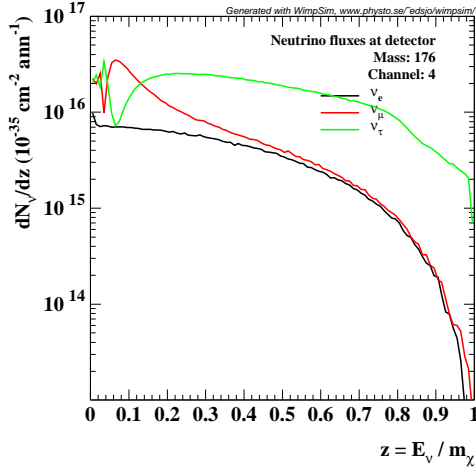
### 8.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



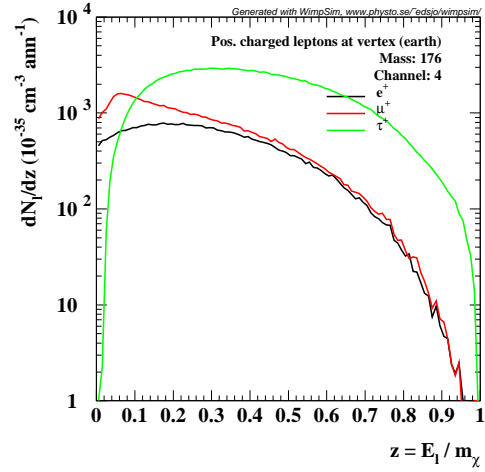
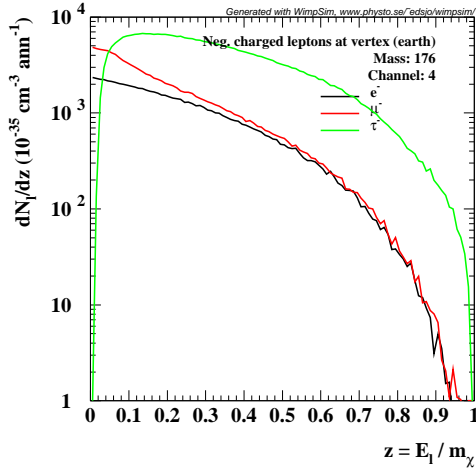
### 8.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



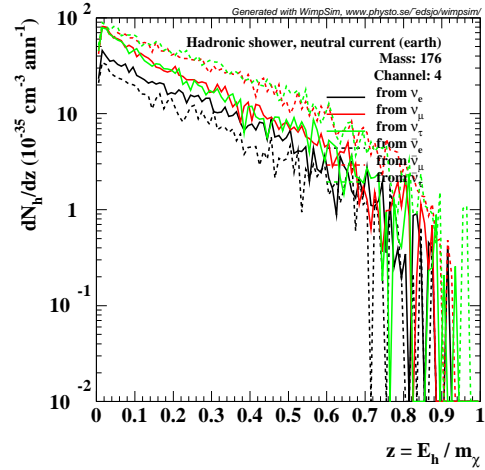
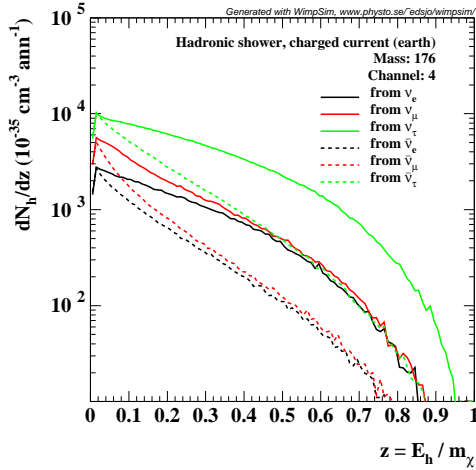
#### 8.4.4 Neutrino fluxes at detector (Earth)



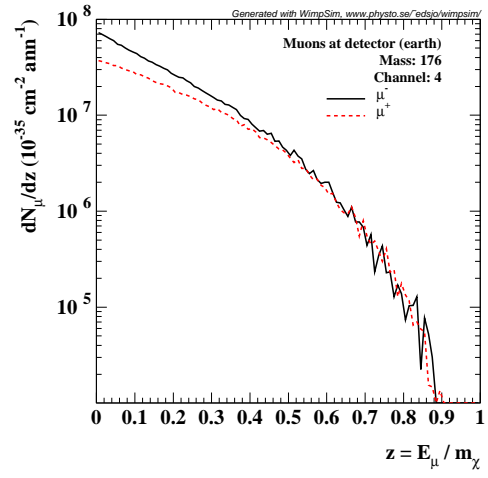
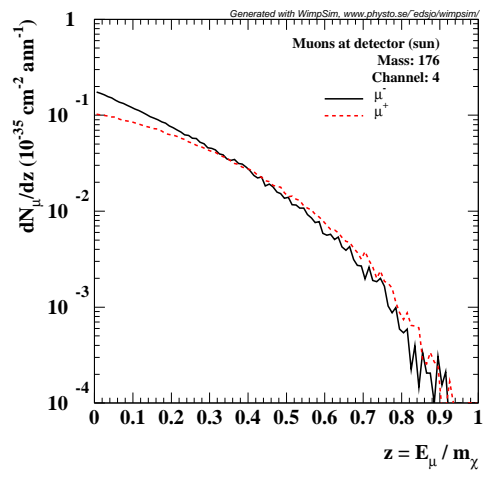
#### 8.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 8.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

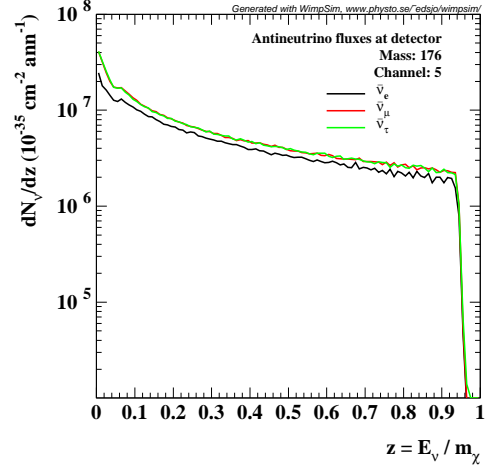
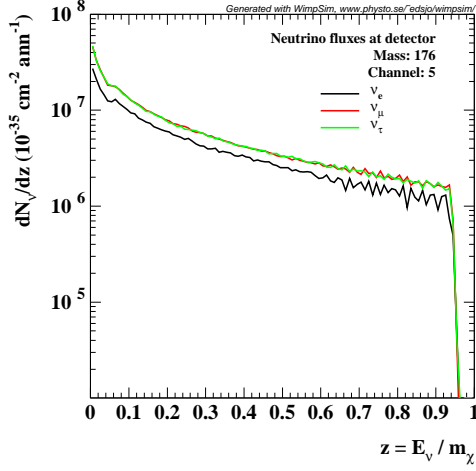


### 8.4.7 Muons at detector (Sun/Earth)

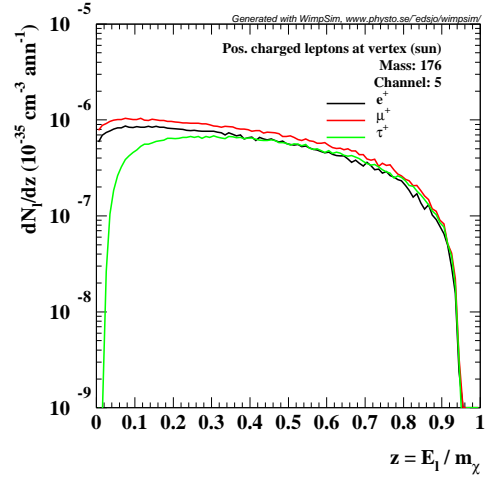
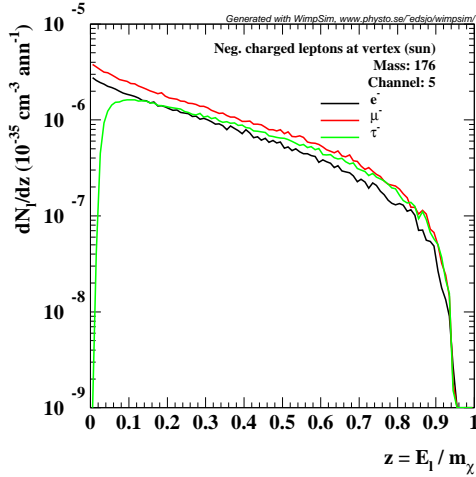


## 8.5 Channel 5 – $W^-W^+$

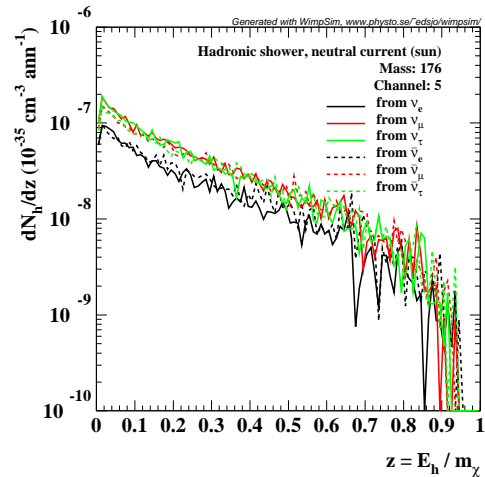
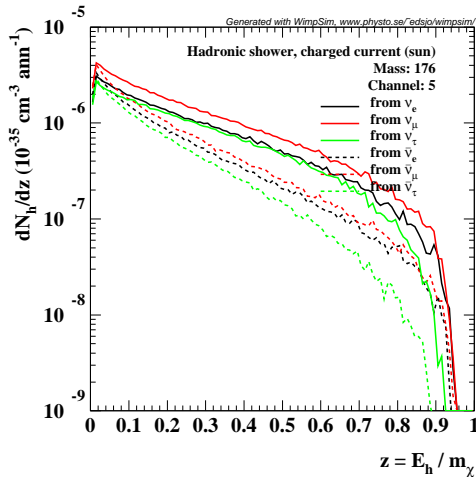
### 8.5.1 Neutrino fluxes at detector (Sun)



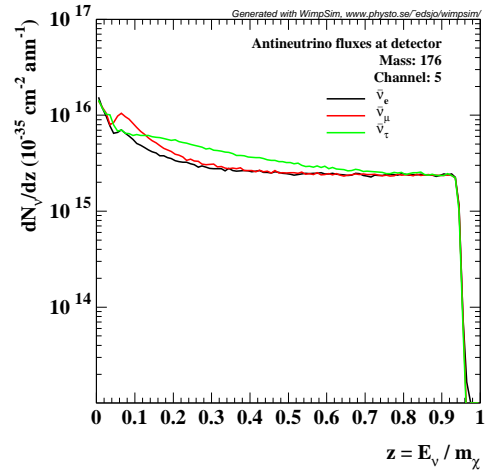
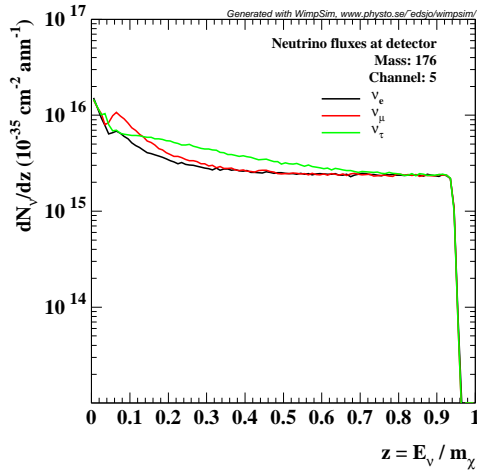
### 8.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



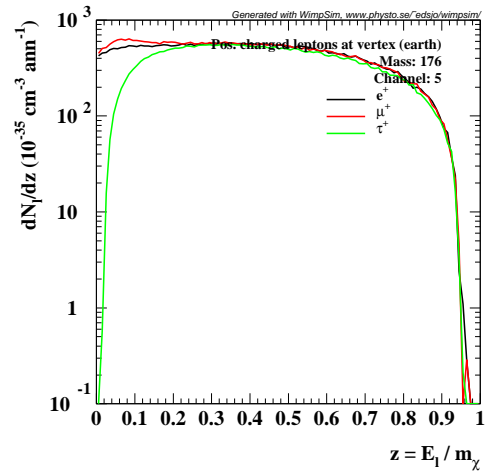
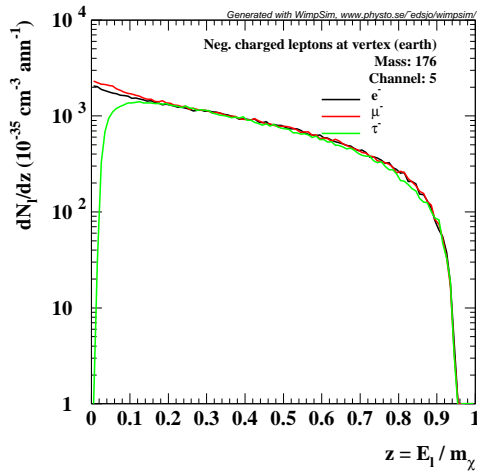
### 8.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



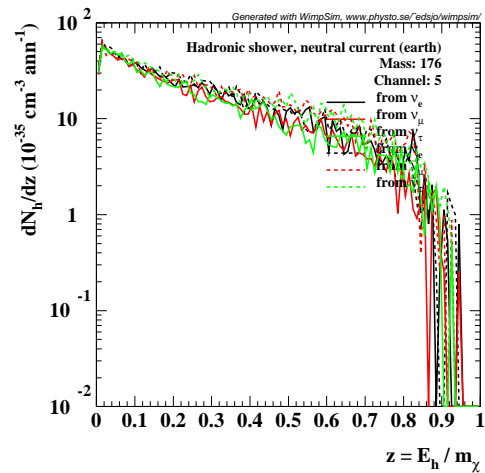
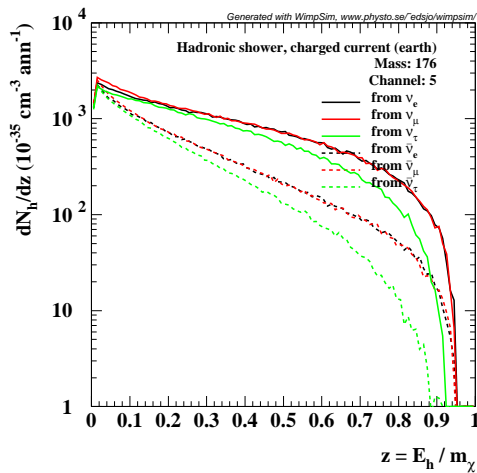
### 8.5.4 Neutrino fluxes at detector (Earth)



### 8.5.5 Charged leptons at neutrino-nucleon vertex (Earth)

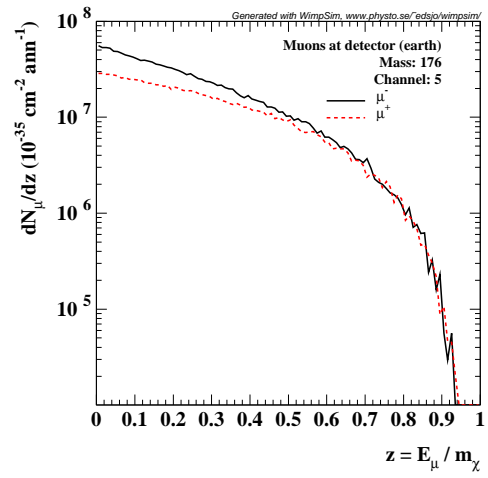
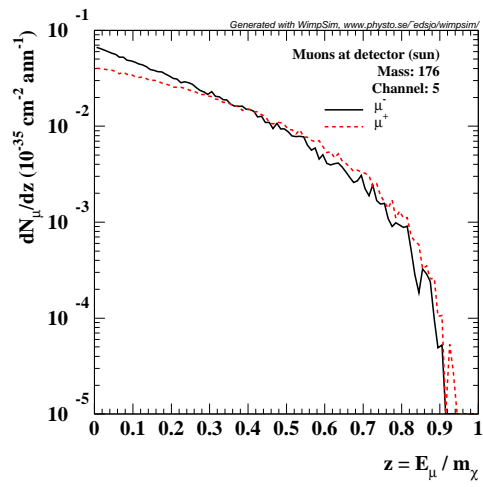


### 8.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)



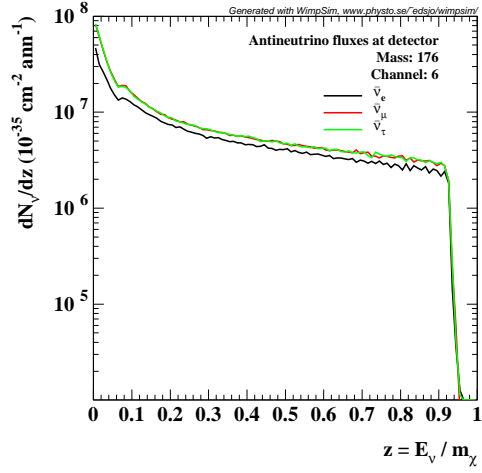
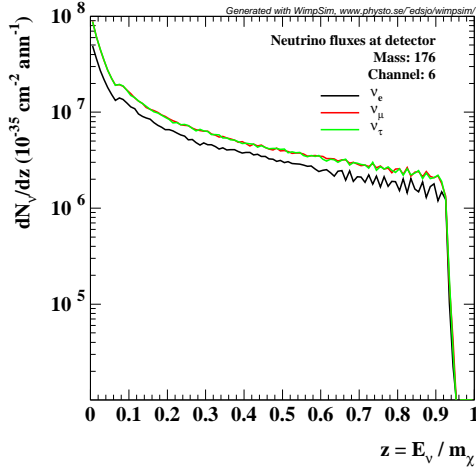


### 8.5.7 Muons at detector (Sun/Earth)

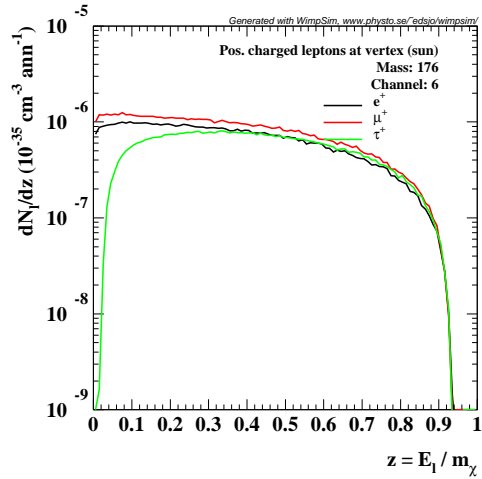
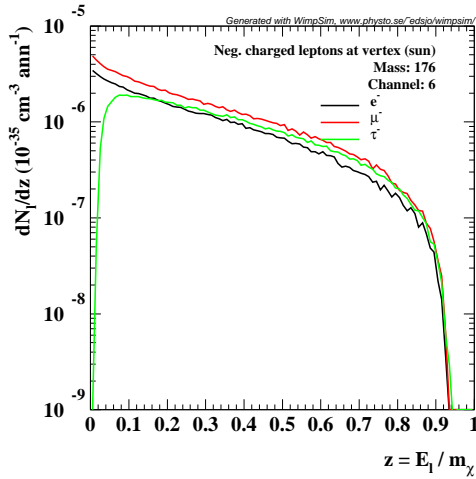


## 8.6 Channel 6 – $Z^0 Z^0$

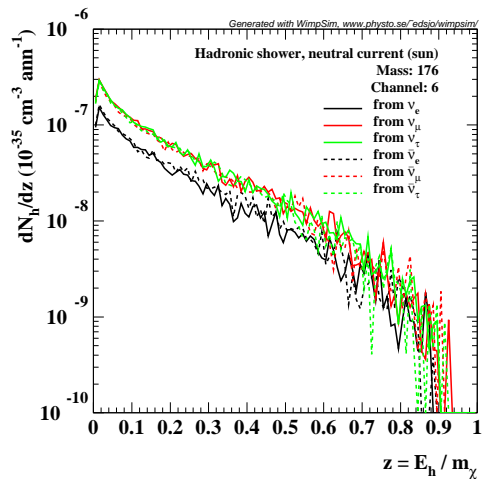
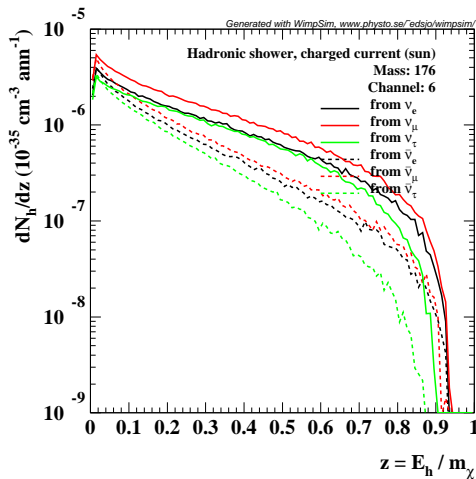
### 8.6.1 Neutrino fluxes at detector (Sun)



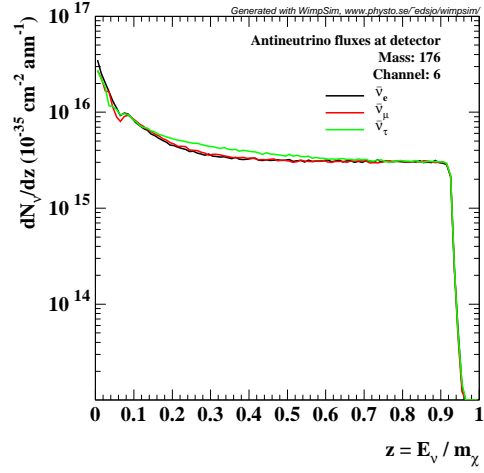
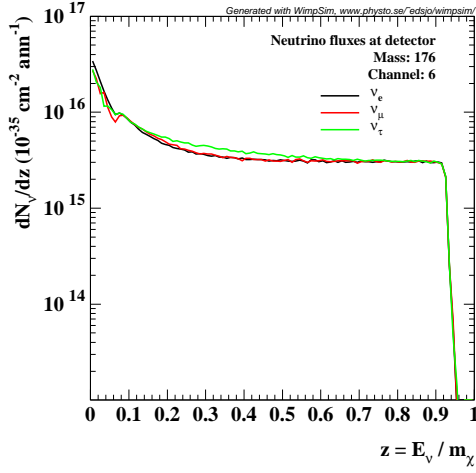
### 8.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



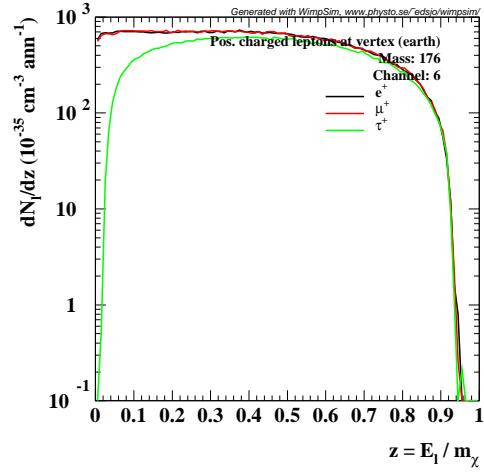
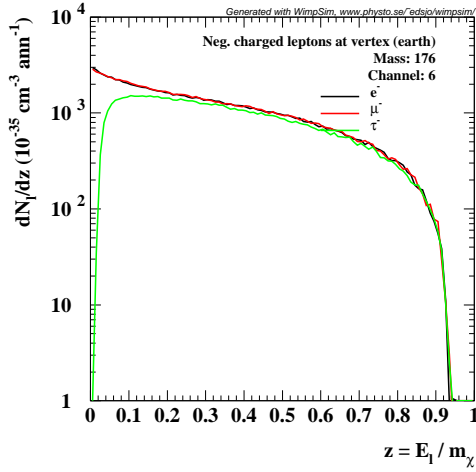
### 8.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



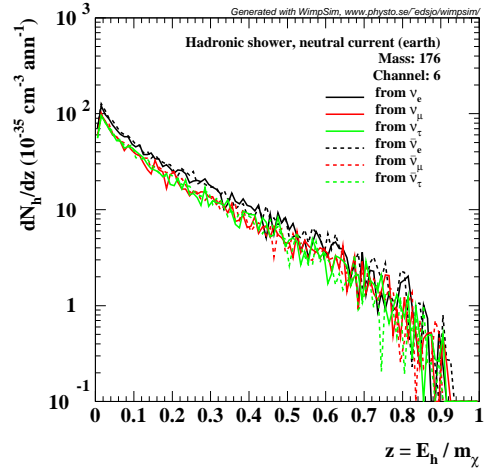
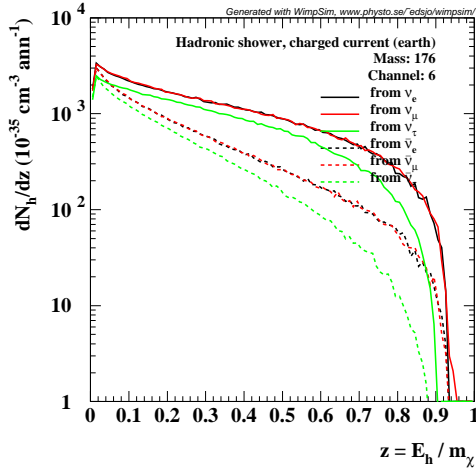
### 8.6.4 Neutrino fluxes at detector (Earth)



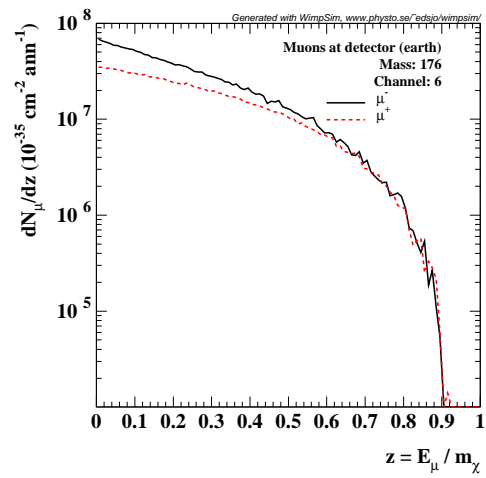
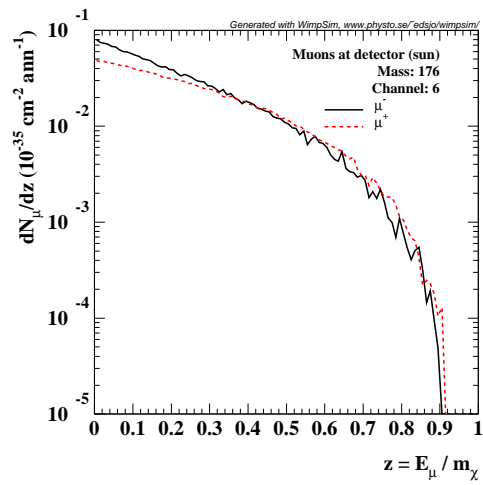
### 8.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 8.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

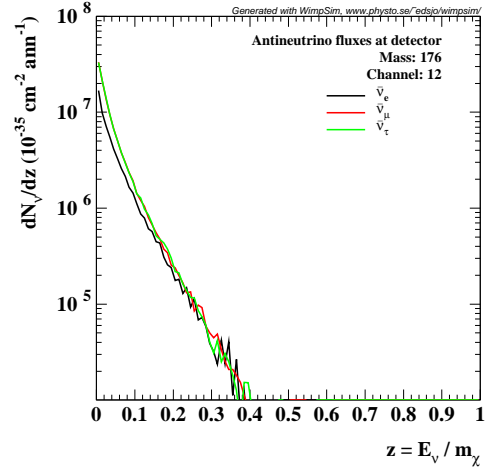
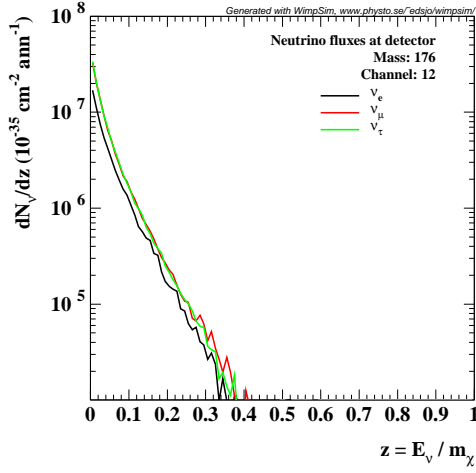


### 8.6.7 Muons at detector (Sun/Earth)

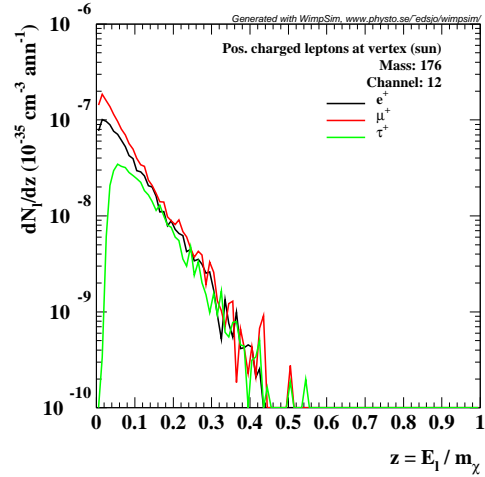
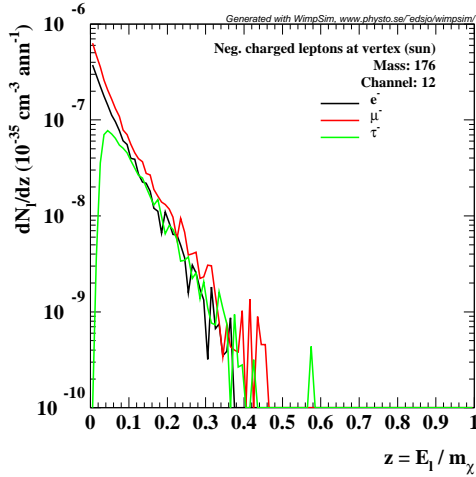


## 8.7 Channel 12 – $gg$

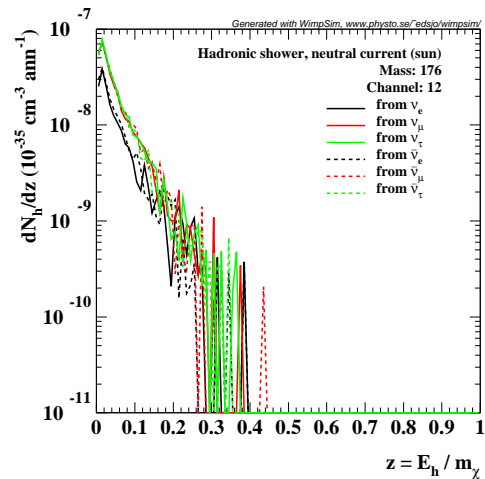
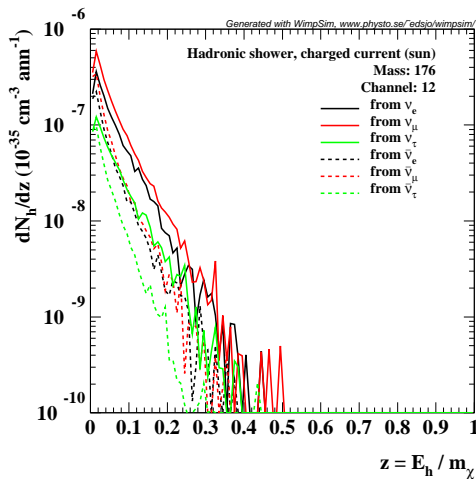
### 8.7.1 Neutrino fluxes at detector (Sun)



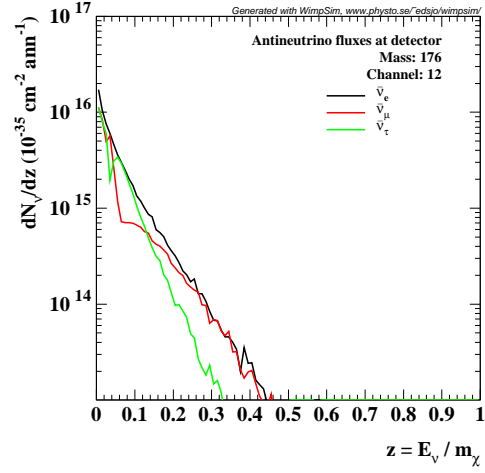
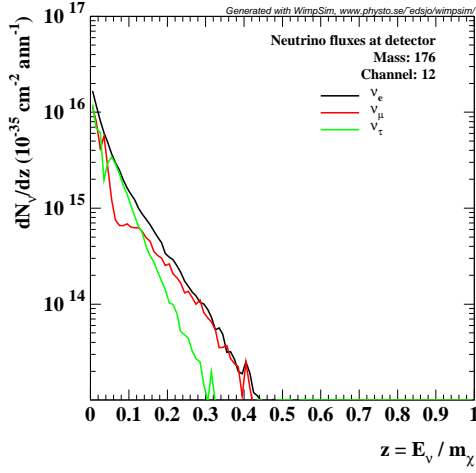
### 8.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



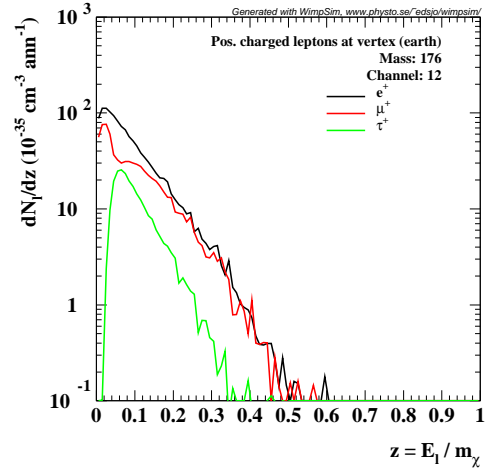
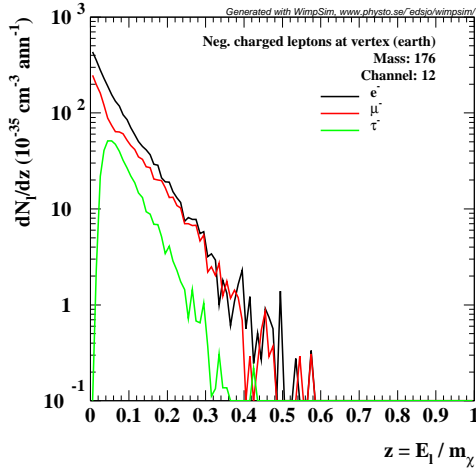
### 8.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



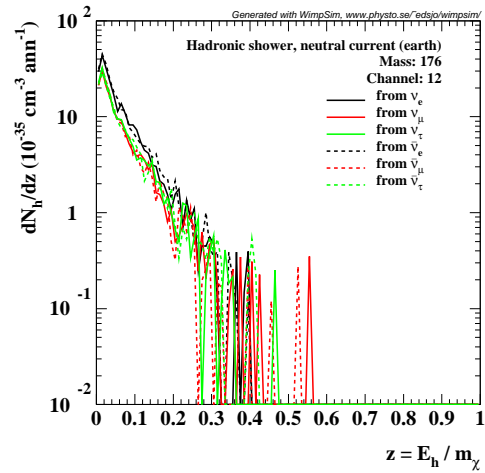
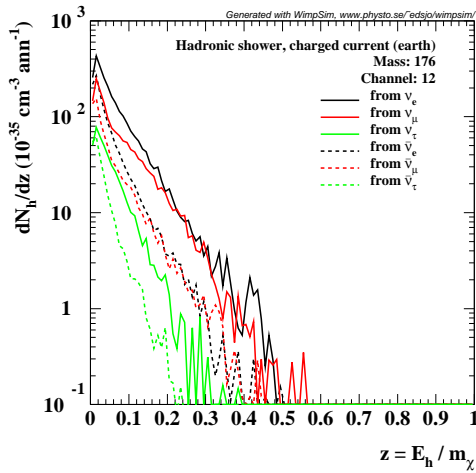
### 8.7.4 Neutrino fluxes at detector (Earth)



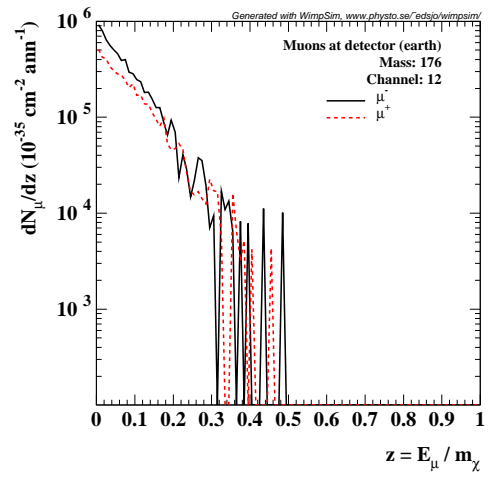
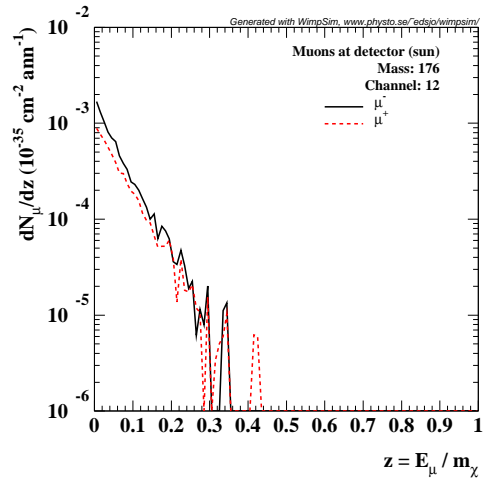
### 8.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 8.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)

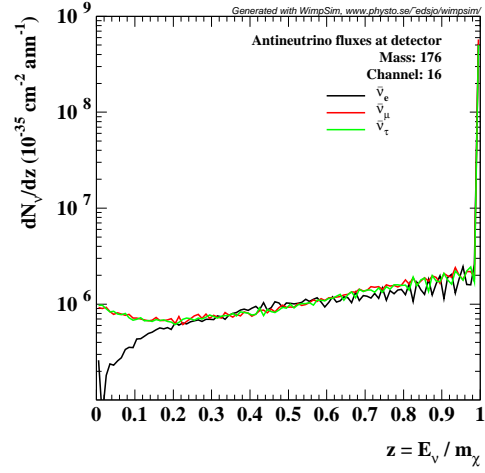
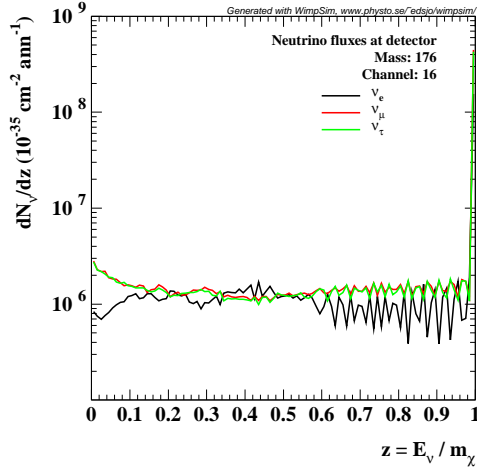


### 8.7.7 Muons at detector (Sun/Earth)

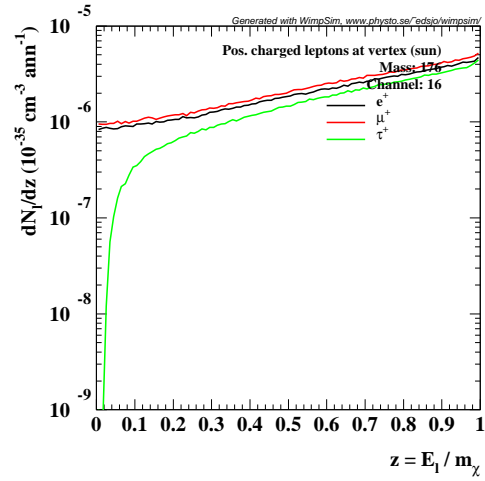
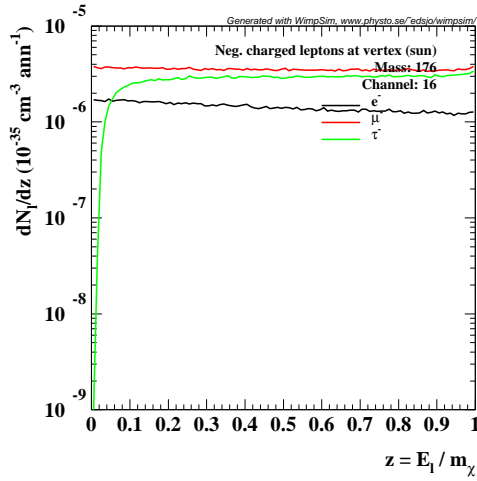


## 8.8 Channel 16 – $\nu_e \bar{\nu}_e$

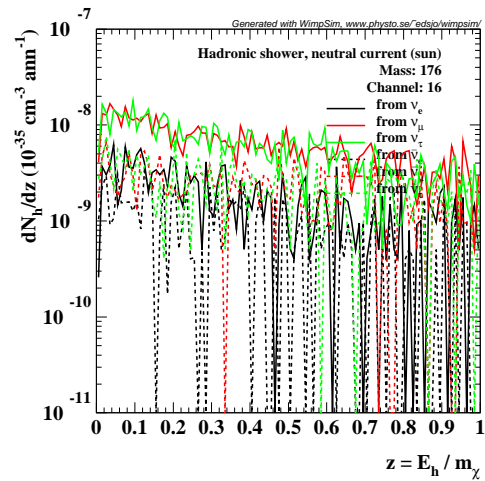
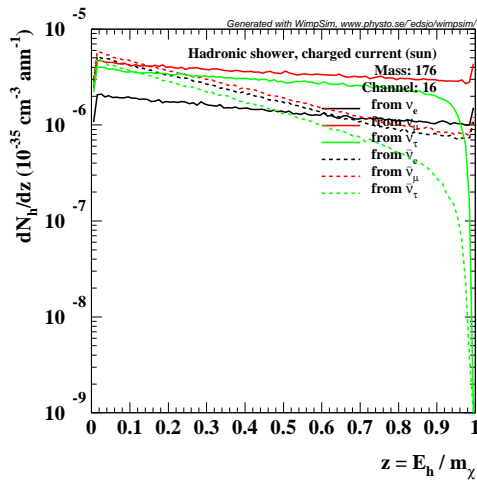
### 8.8.1 Neutrino fluxes at detector (Sun)



### 8.8.2 Charged leptons at neutrino-nucleon vertex (Sun)

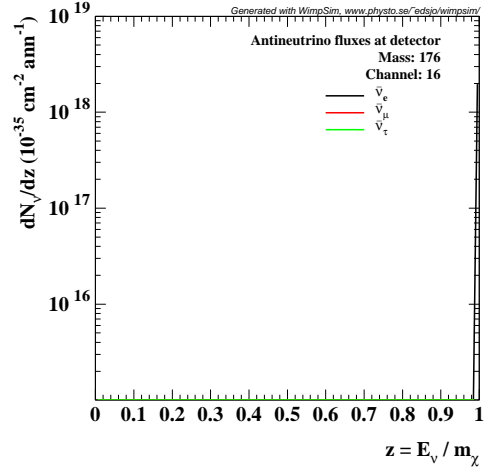
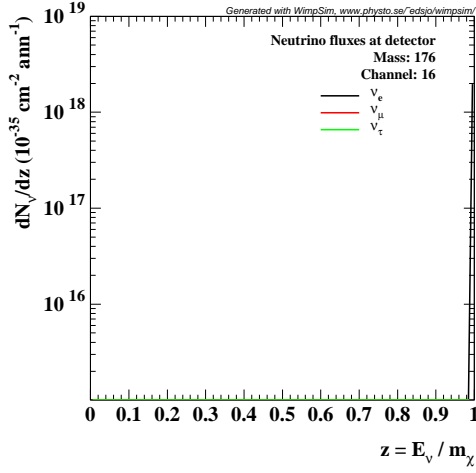


### 8.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)

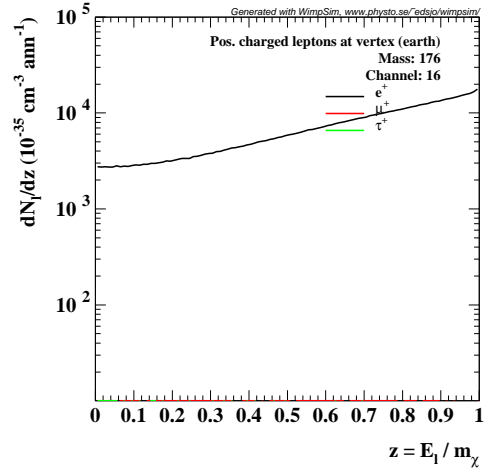
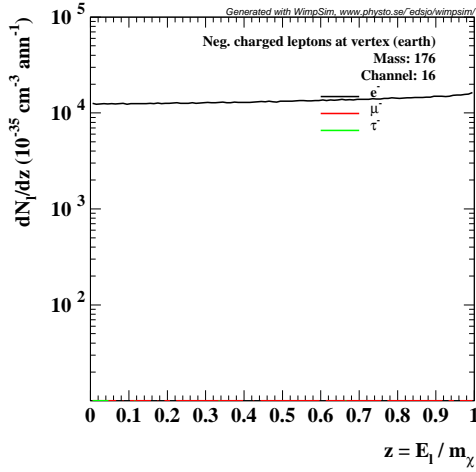




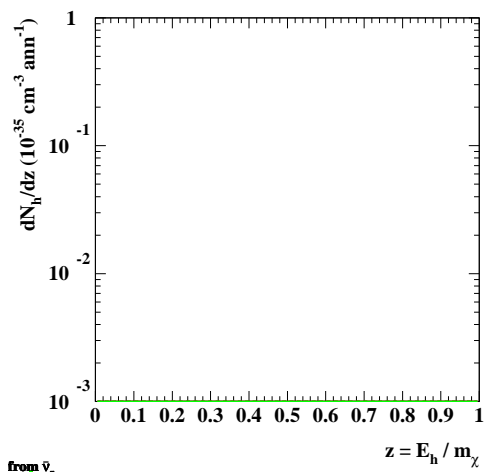
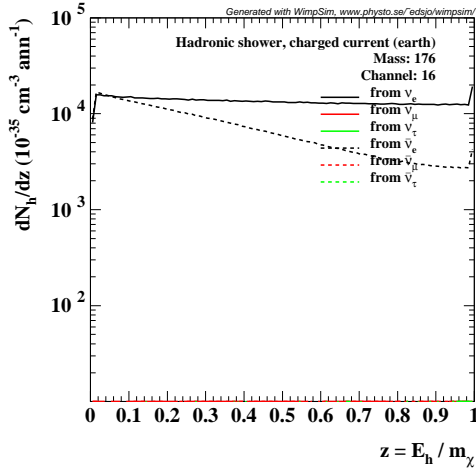
### 8.8.4 Neutrino fluxes at detector (Earth)



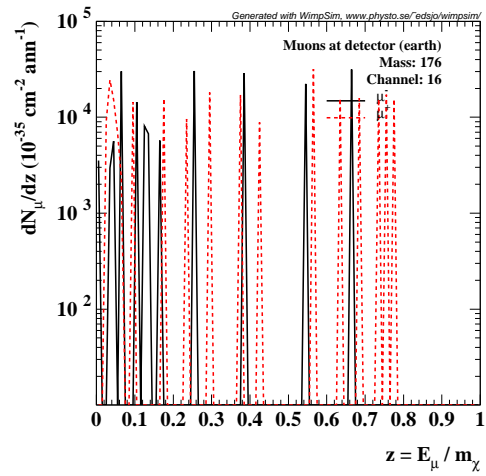
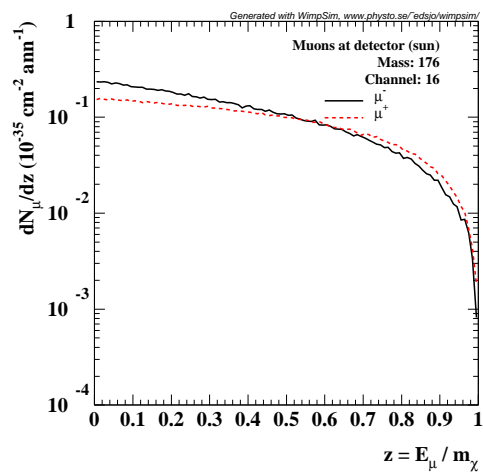
### 8.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 8.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)

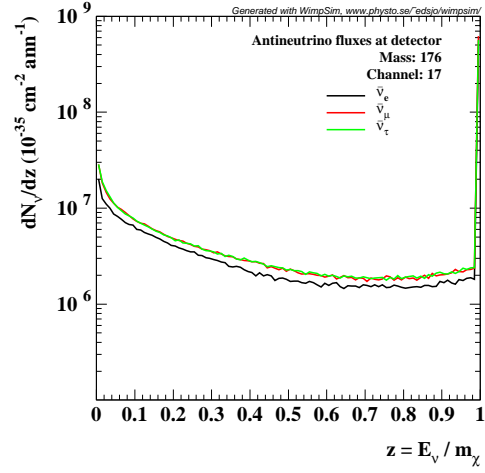
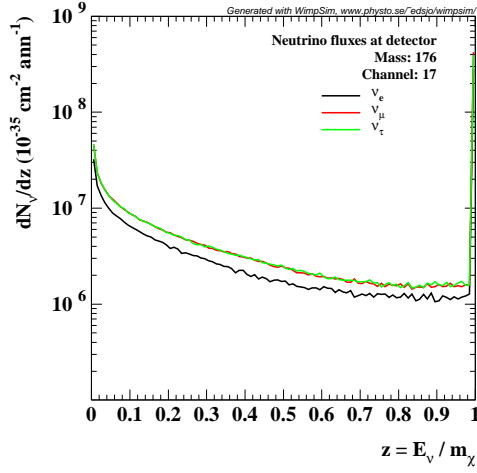


### 8.8.7 Muons at detector (Sun/Earth)

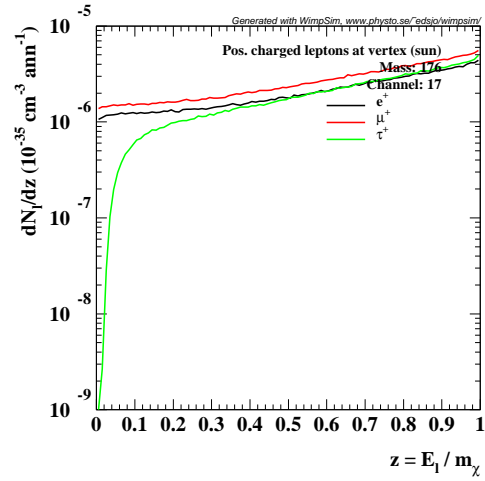
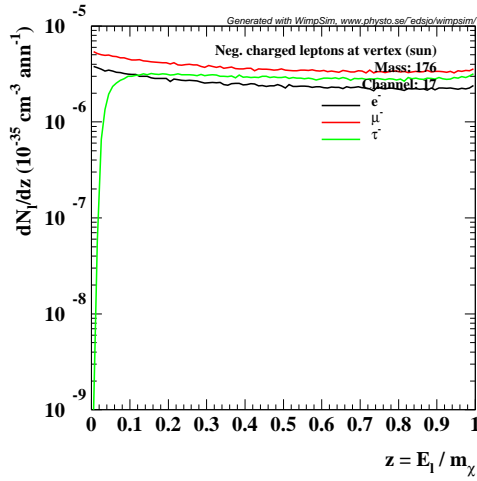


## 8.9 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

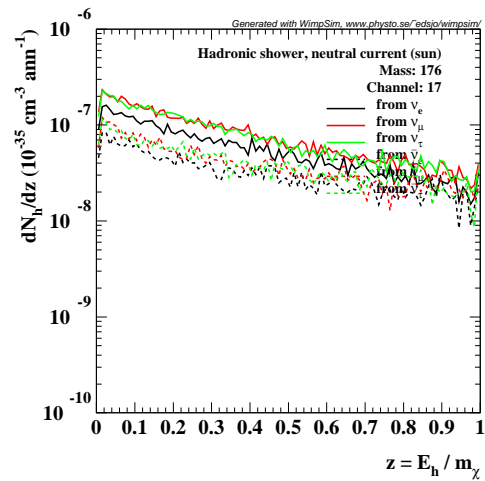
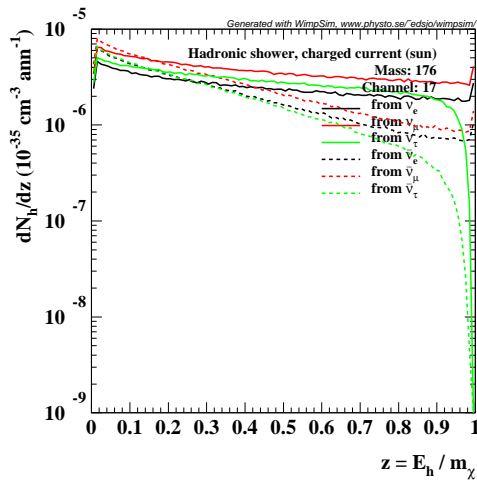
### 8.9.1 Neutrino fluxes at detector (Sun)



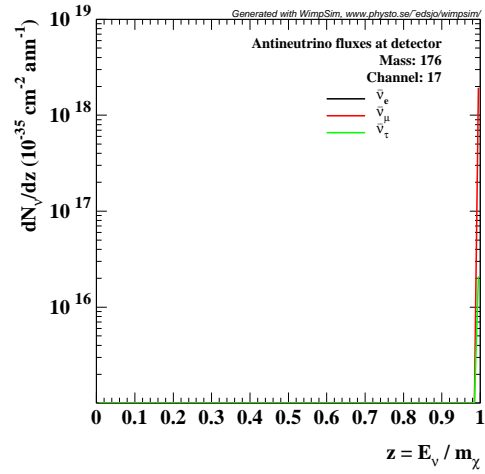
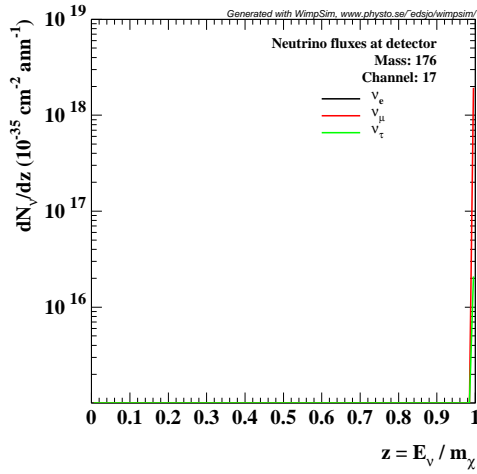
### 8.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



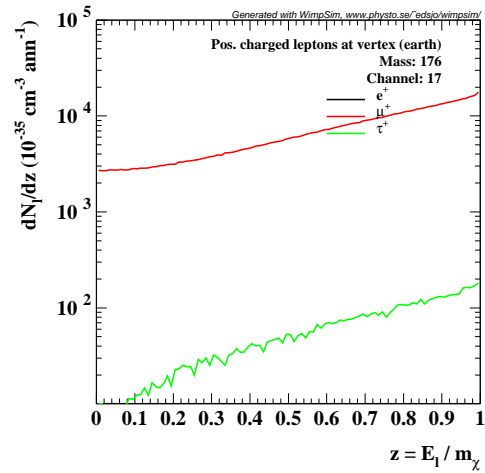
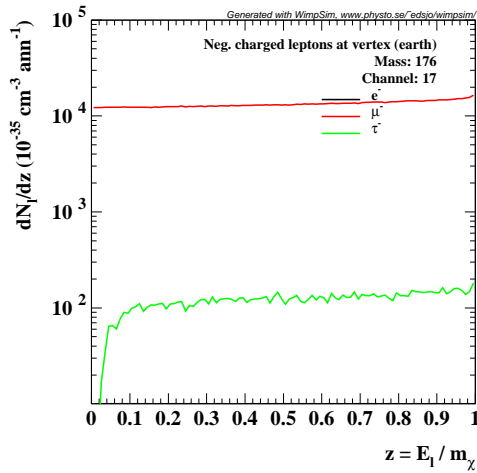
### 8.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



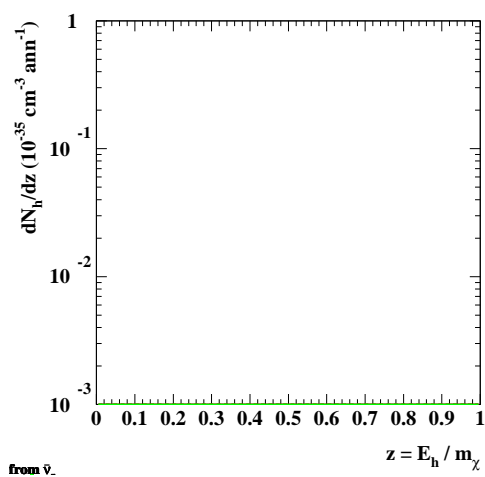
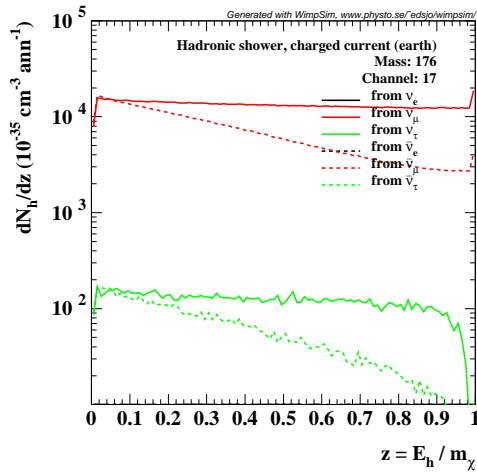
### 8.9.4 Neutrino fluxes at detector (Earth)



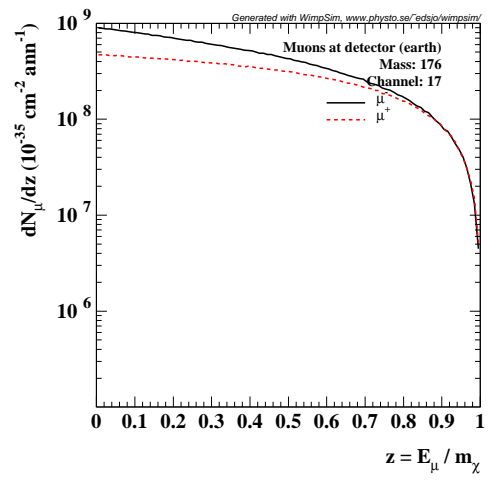
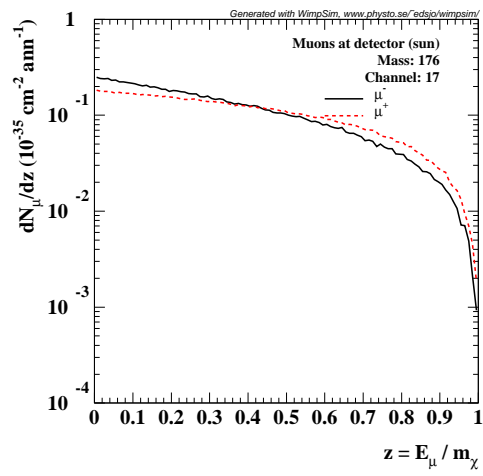
### 8.9.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 8.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)

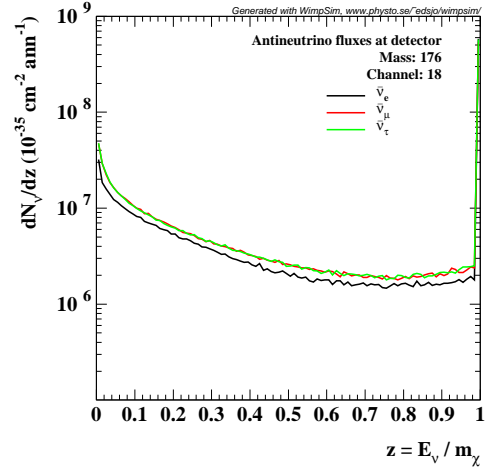
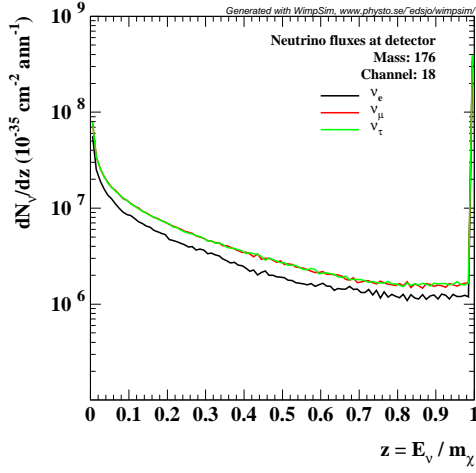


### 8.9.7 Muons at detector (Sun/Earth)

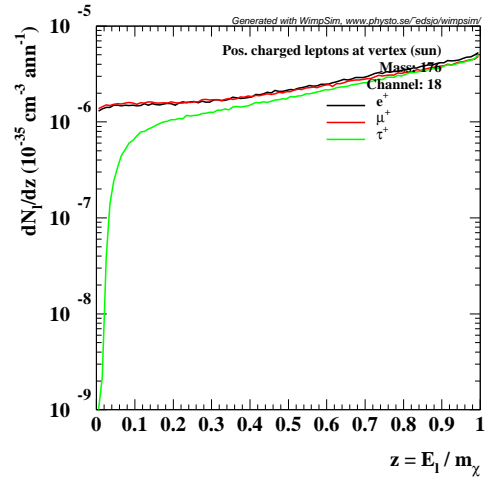
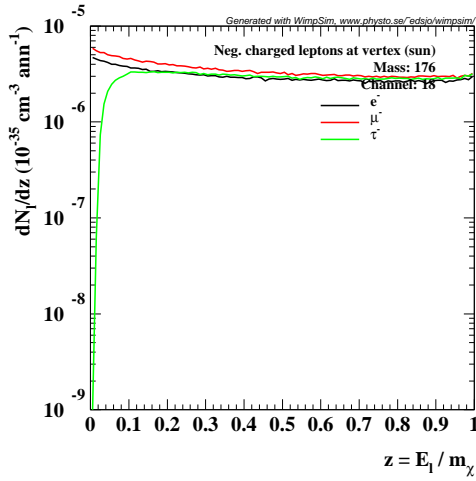


## 8.10 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

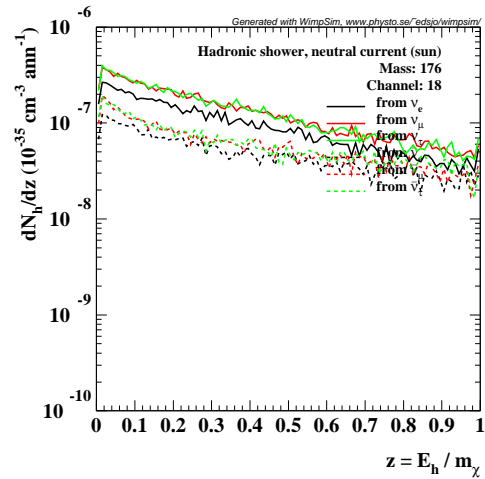
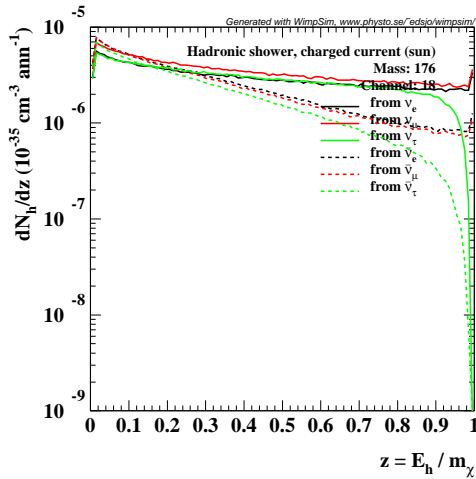
### 8.10.1 Neutrino fluxes at detector (Sun)



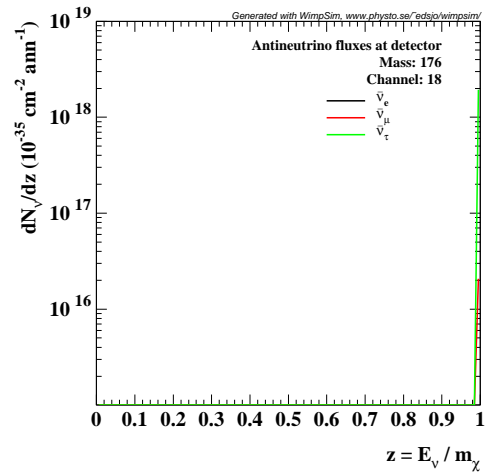
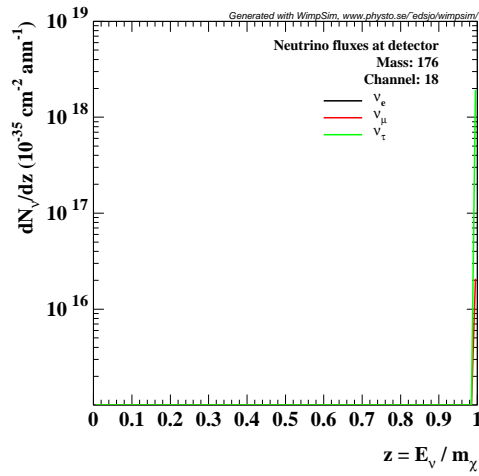
### 8.10.2 Charged leptons at neutrino-nucleon vertex (Sun)



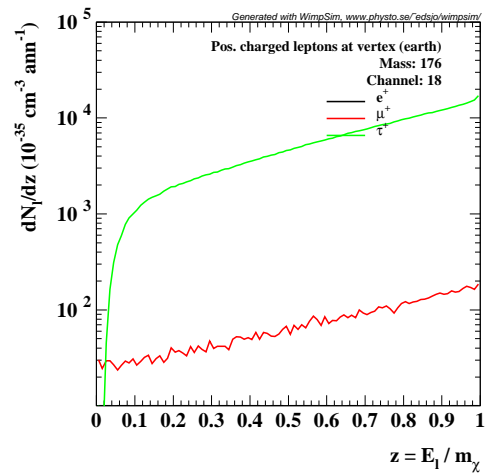
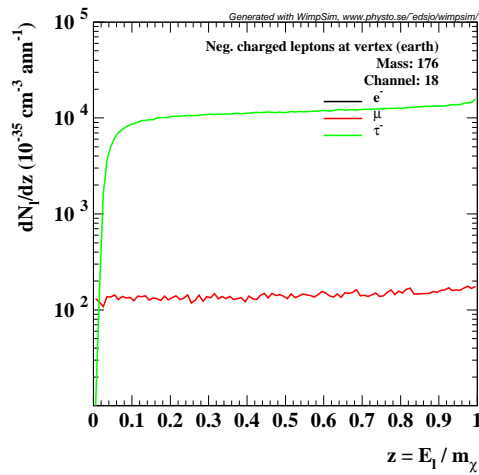
### 8.10.3 Hadronic shower at neutrino-nucleon vertex (Sun)



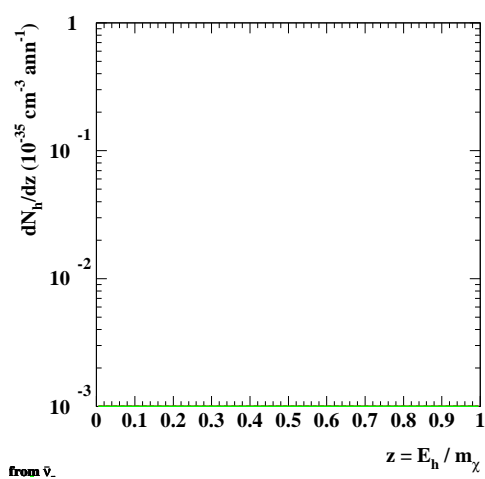
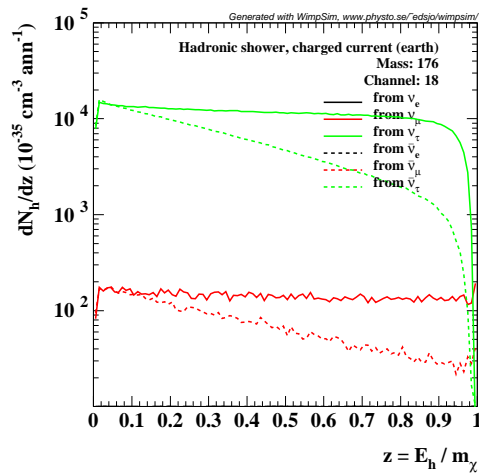
### 8.10.4 Neutrino fluxes at detector (Earth)



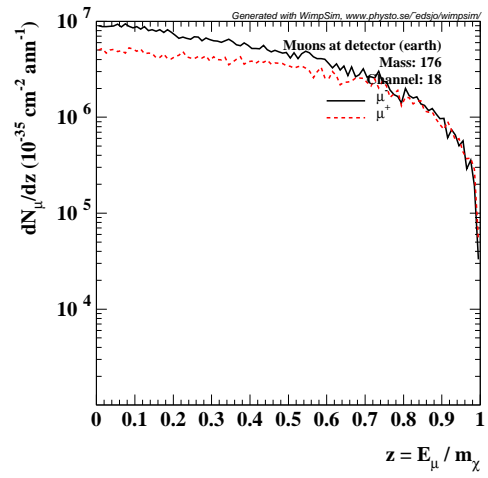
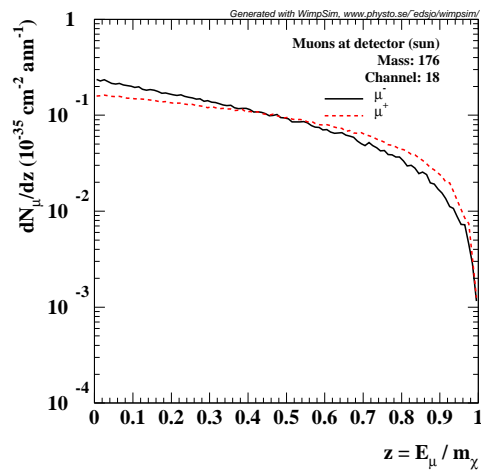
### 8.10.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 8.10.6 Hadronic shower at neutrino-nucleon vertex (Earth)



### 8.10.7 Muons at detector (Sun/Earth)

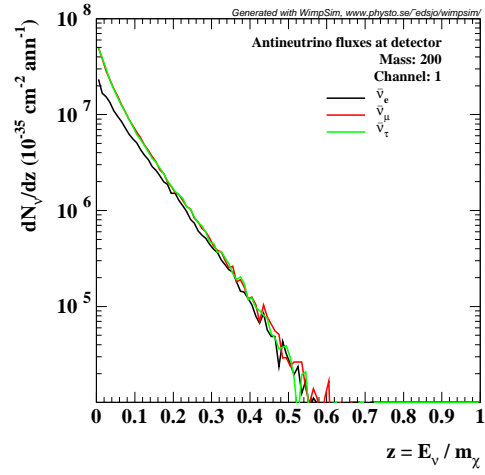
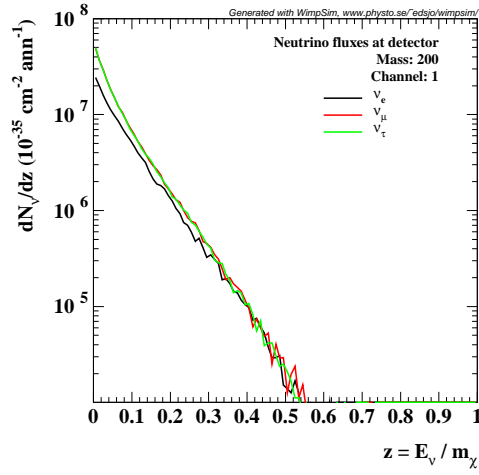




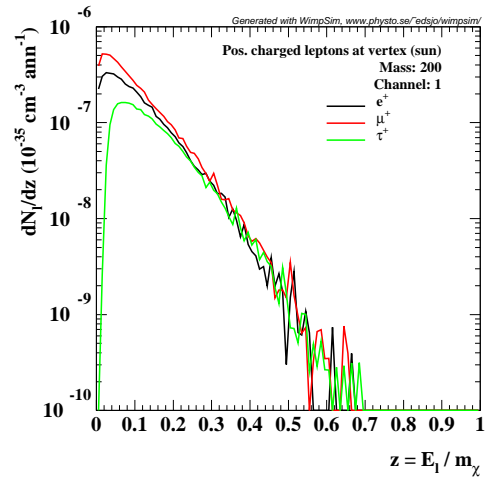
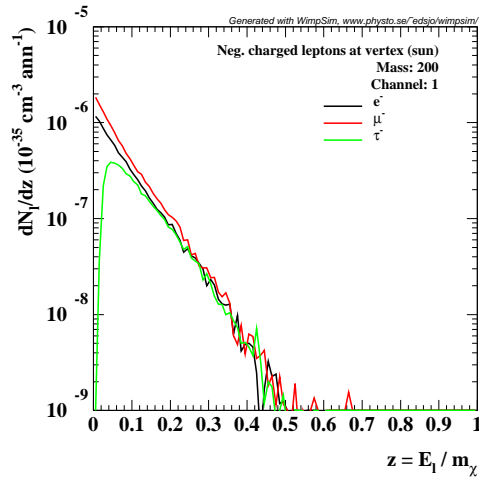
## 9 Mass 200

### 9.1 Channel 1 – $c\bar{c}$

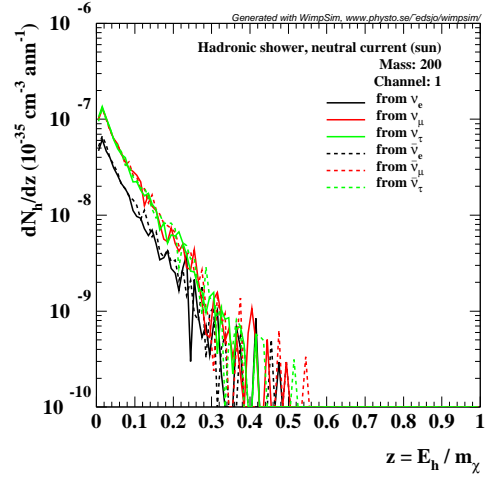
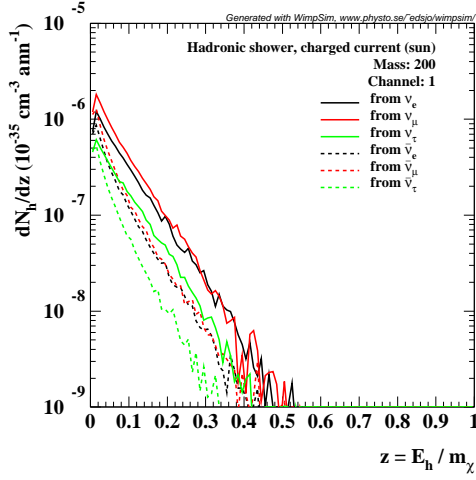
#### 9.1.1 Neutrino fluxes at detector (Sun)



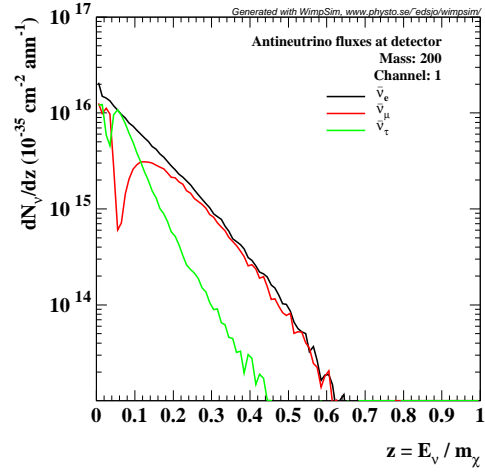
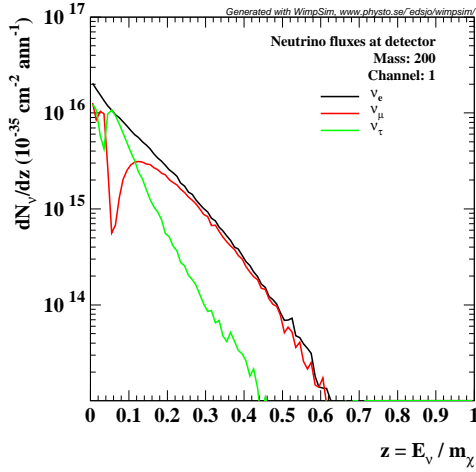
#### 9.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



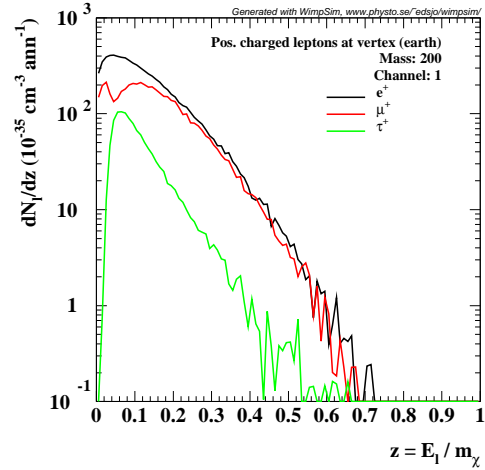
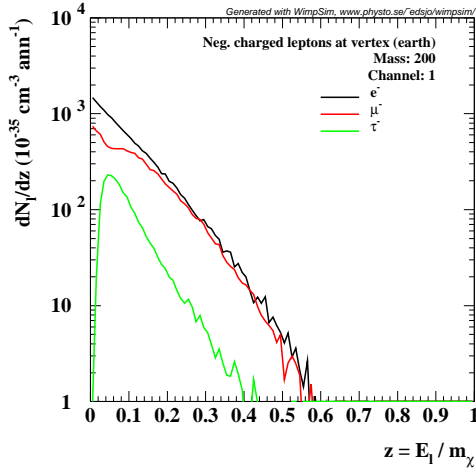
### 9.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



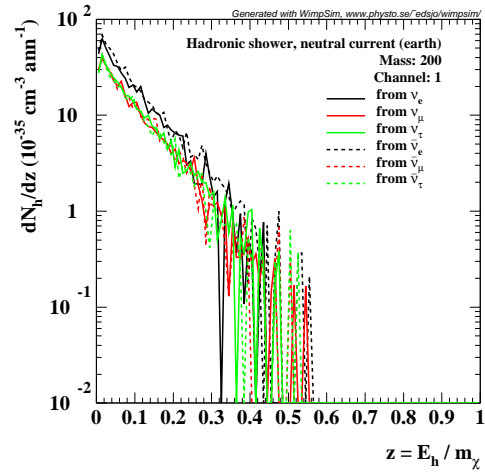
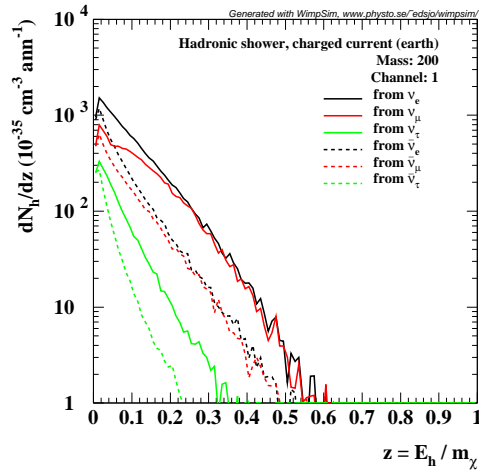
### 9.1.4 Neutrino fluxes at detector (Earth)



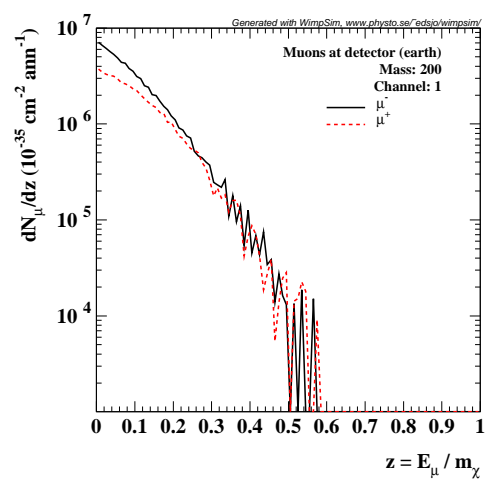
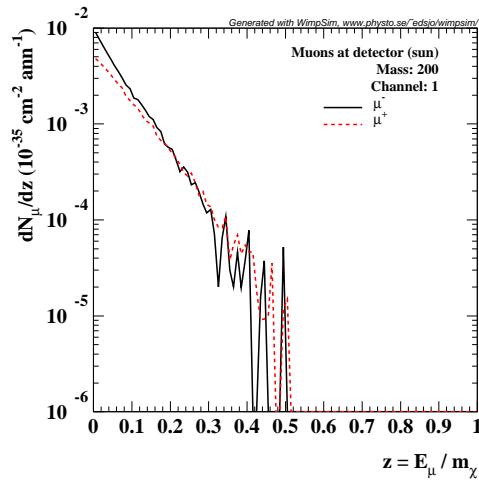
### 9.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 9.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

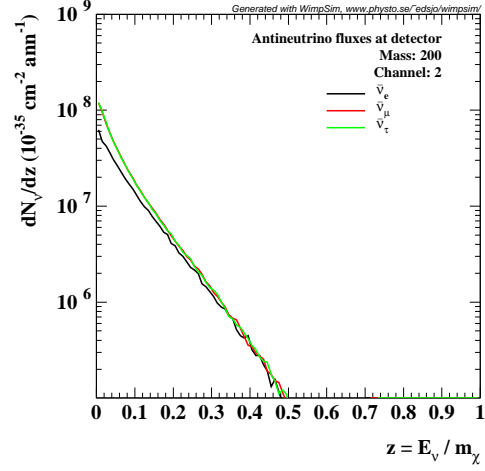
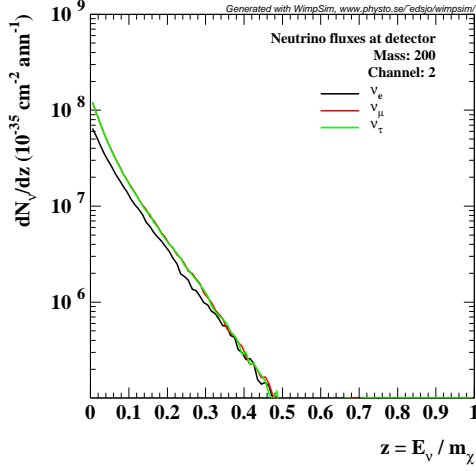


### 9.1.7 Muons at detector (Sun/Earth)

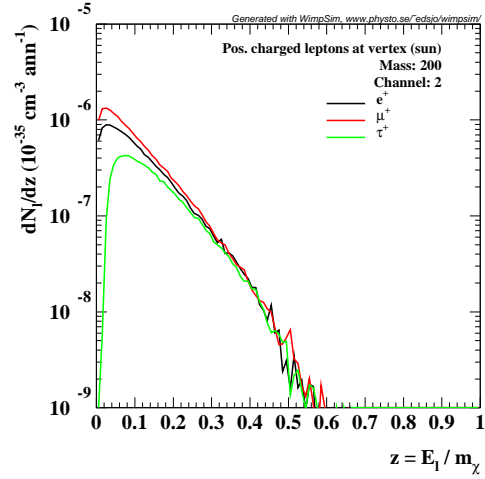
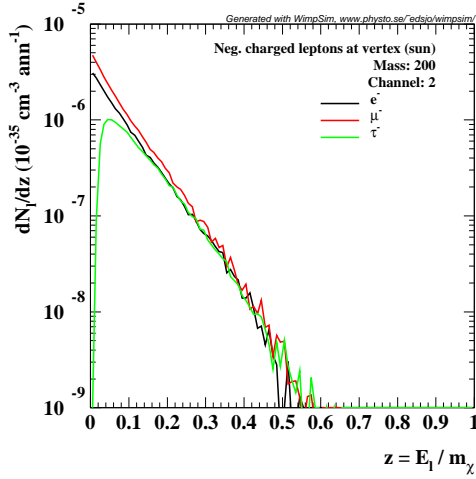


## 9.2 Channel 2 – $b\bar{b}$

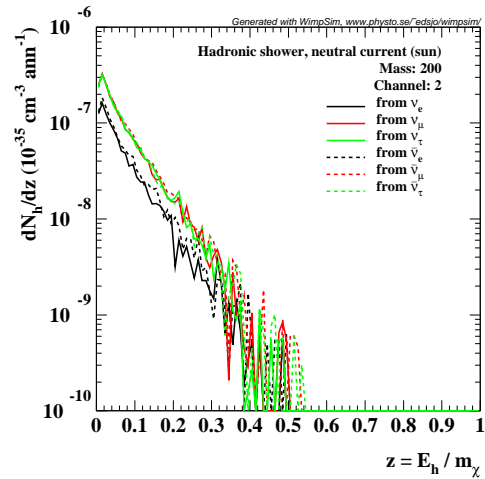
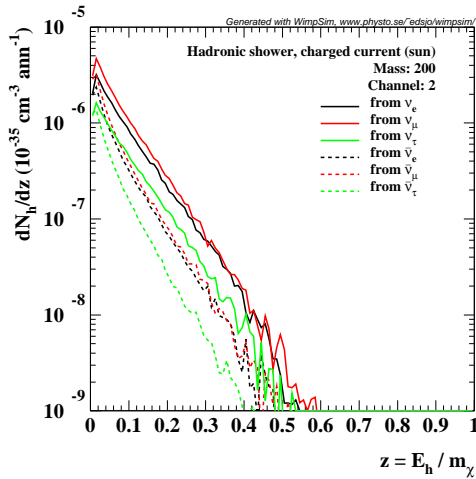
### 9.2.1 Neutrino fluxes at detector (Sun)



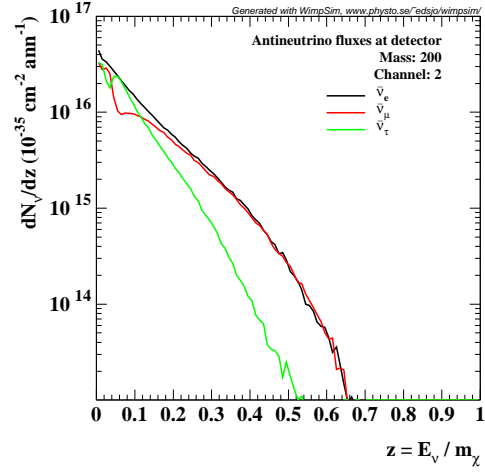
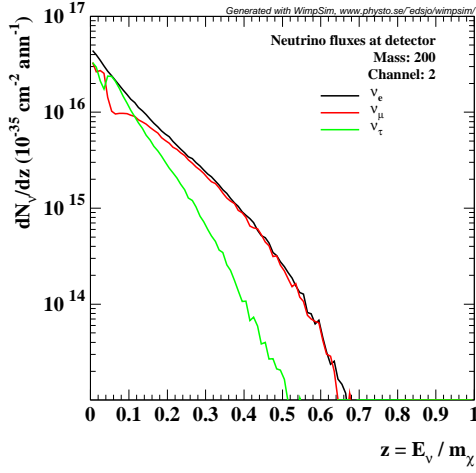
### 9.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



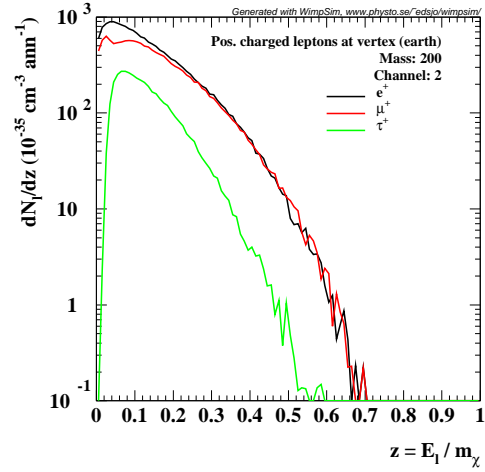
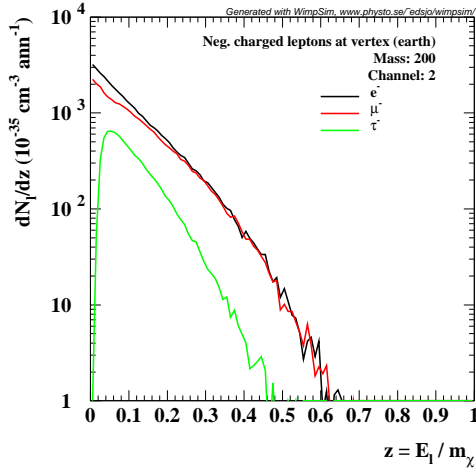
### 9.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



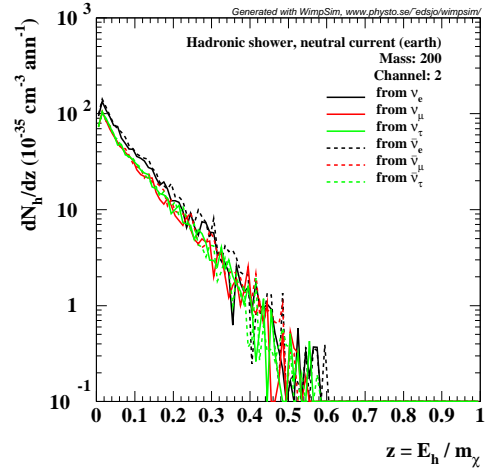
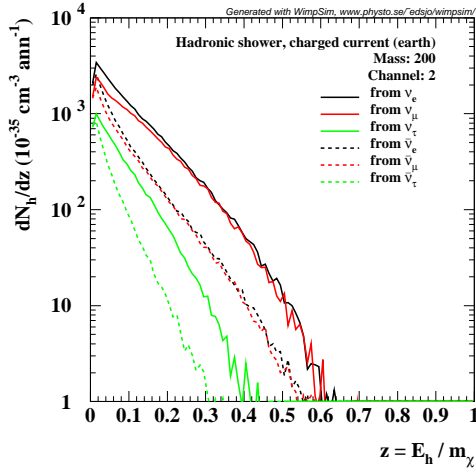
### 9.2.4 Neutrino fluxes at detector (Earth)



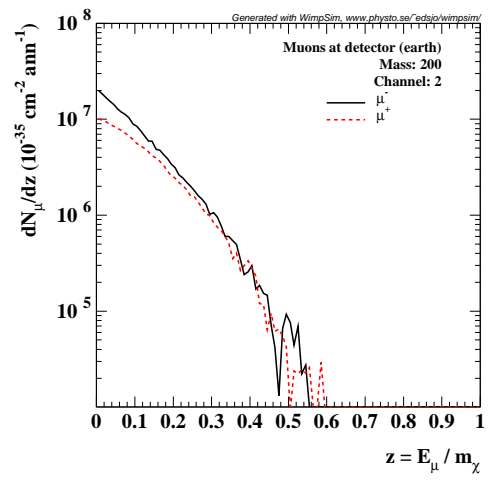
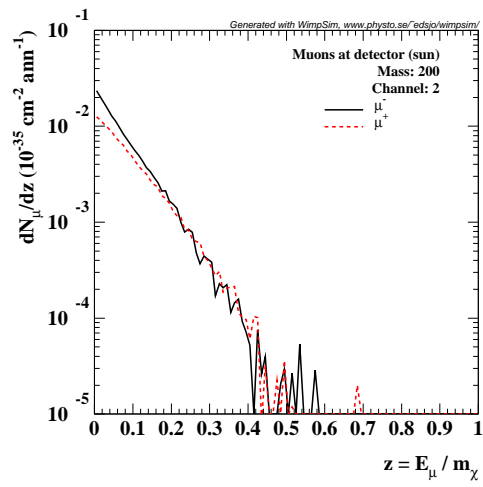
### 9.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 9.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

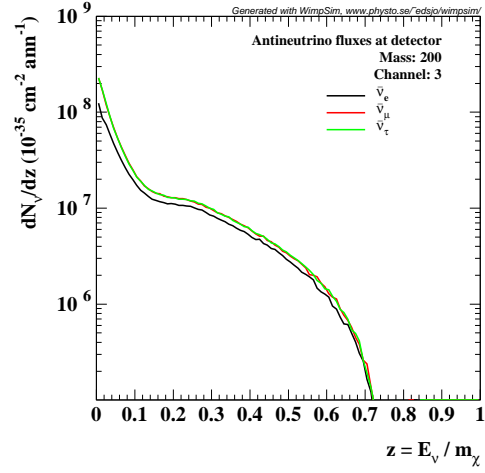
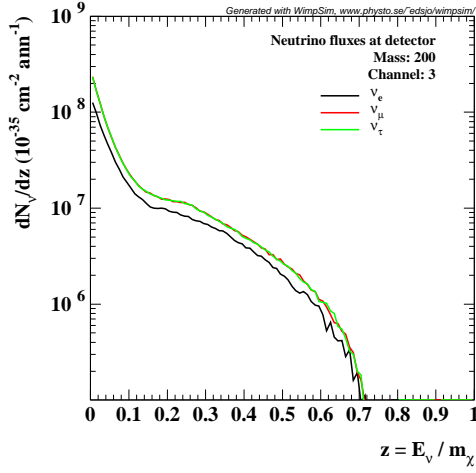


### 9.2.7 Muons at detector (Sun/Earth)

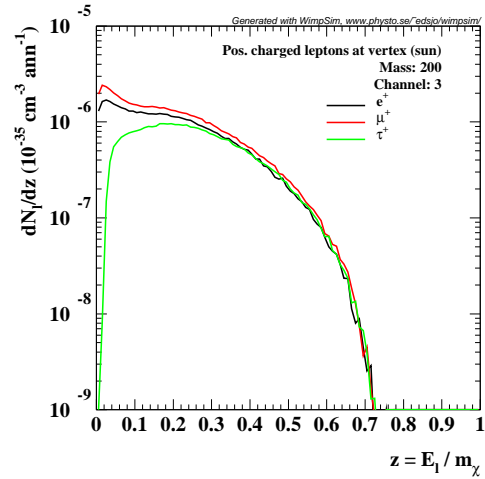
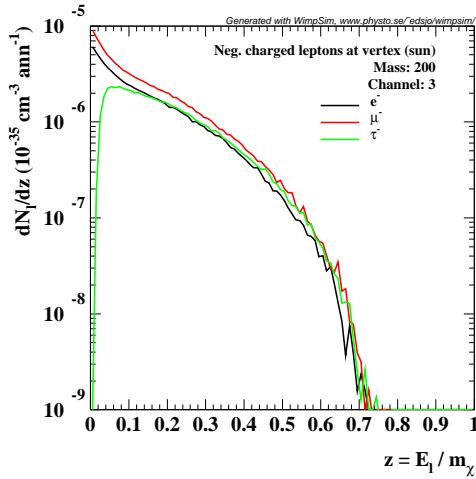


### 9.3 Channel 3 – $t\bar{t}$

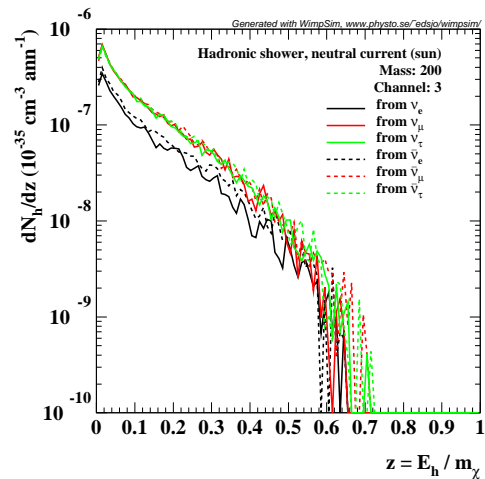
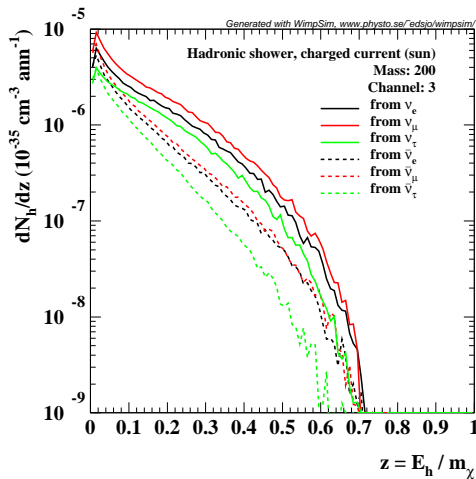
#### 9.3.1 Neutrino fluxes at detector (Sun)



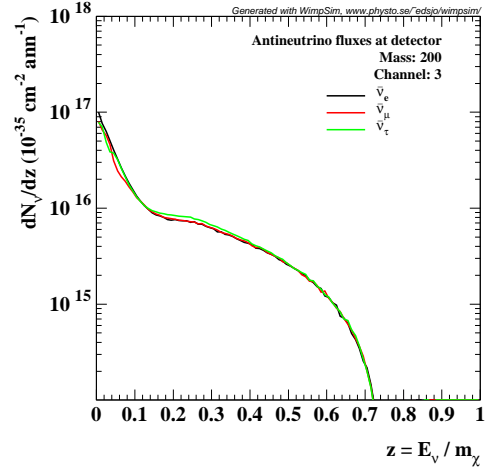
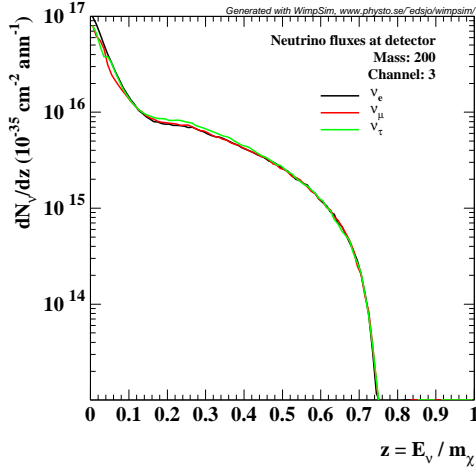
#### 9.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



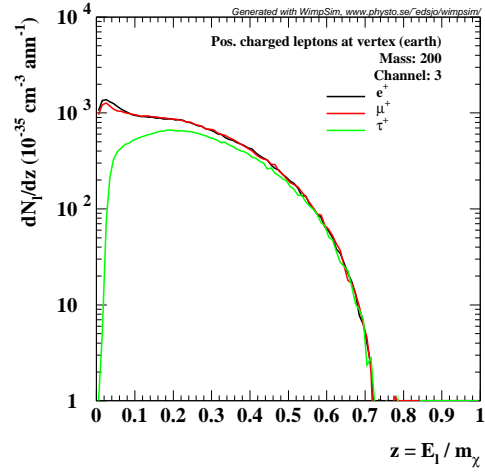
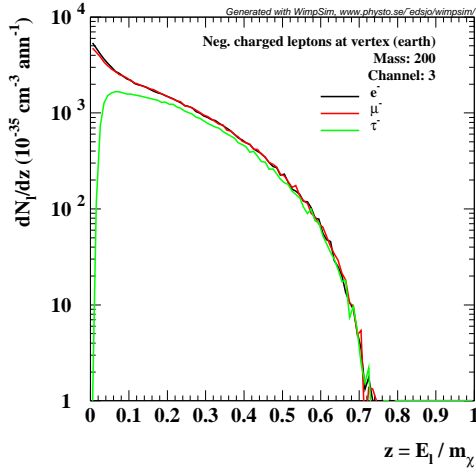
#### 9.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



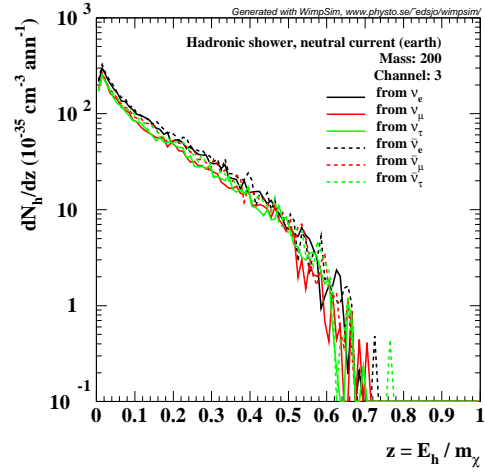
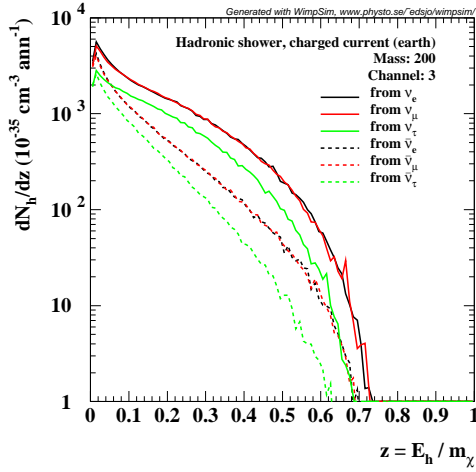
### 9.3.4 Neutrino fluxes at detector (Earth)



### 9.3.5 Charged leptons at neutrino-nucleon vertex (Earth)

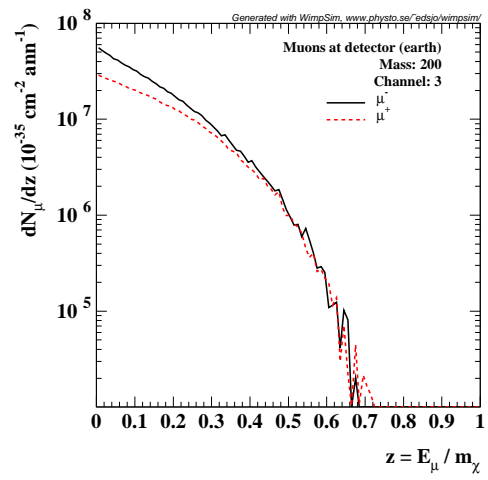
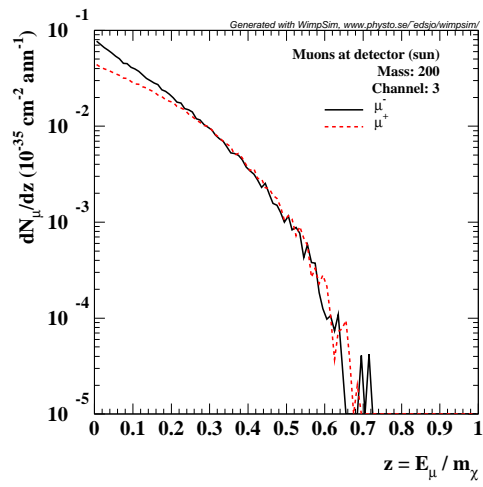


### 9.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)



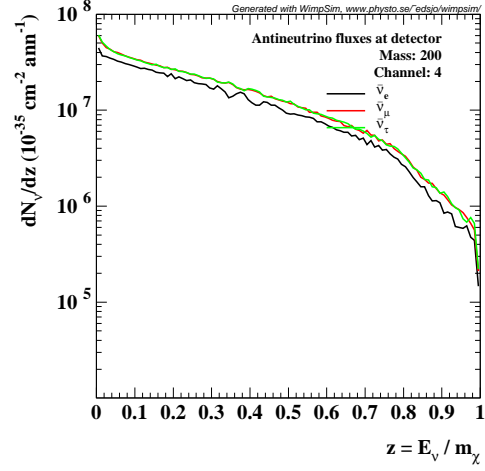
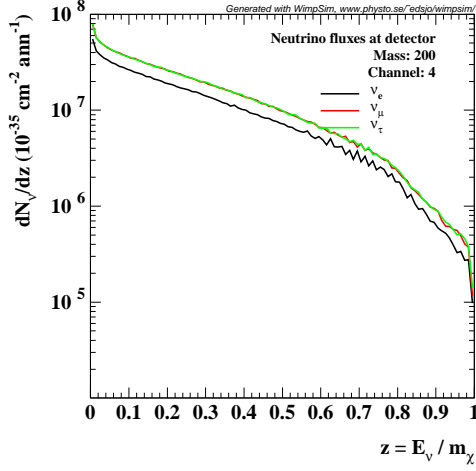


### 9.3.7 Muons at detector (Sun/Earth)

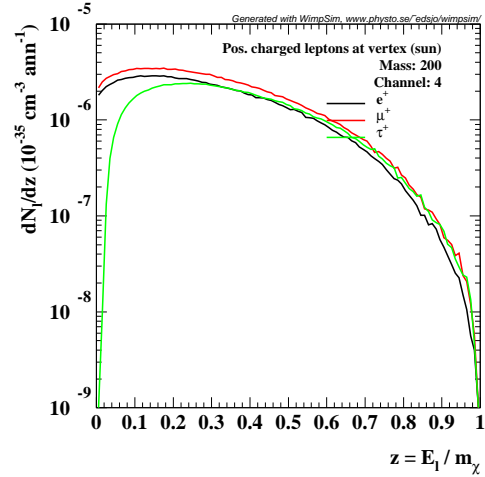
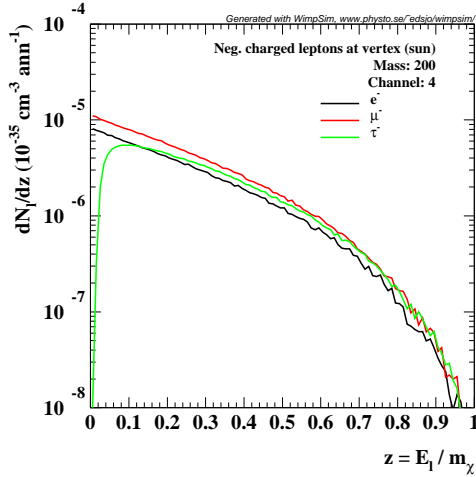


## 9.4 Channel 4 – $\tau^- \tau^+$

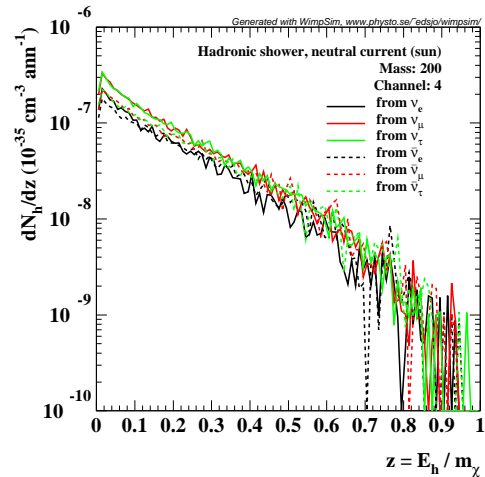
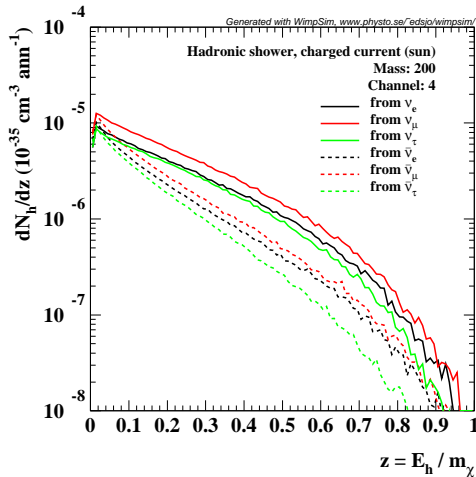
### 9.4.1 Neutrino fluxes at detector (Sun)



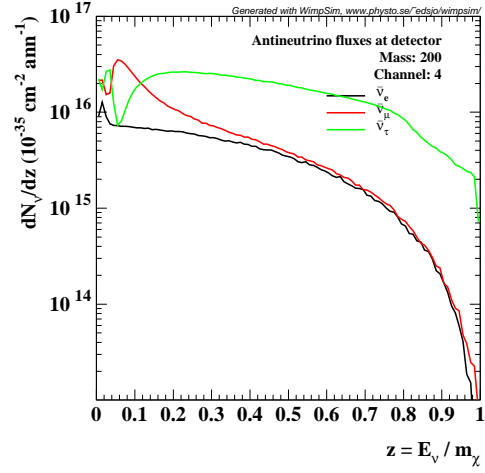
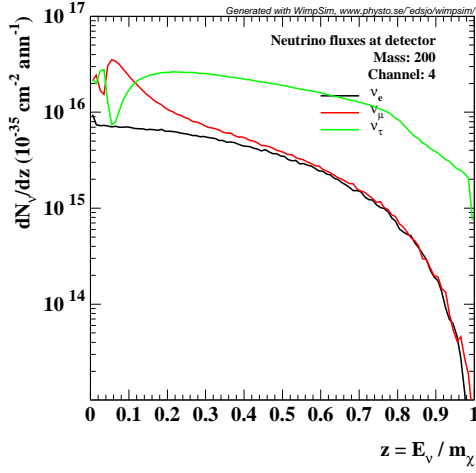
### 9.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



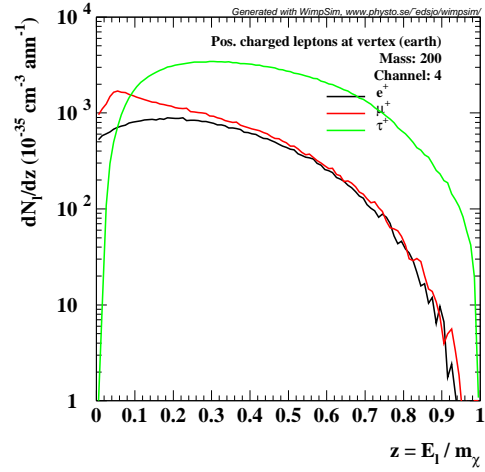
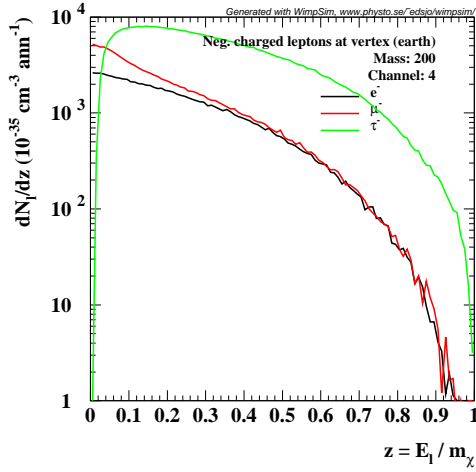
### 9.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



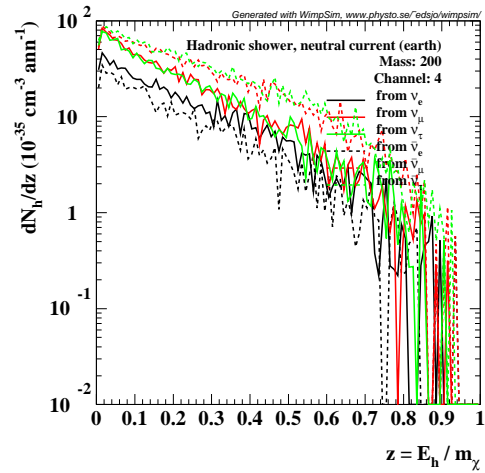
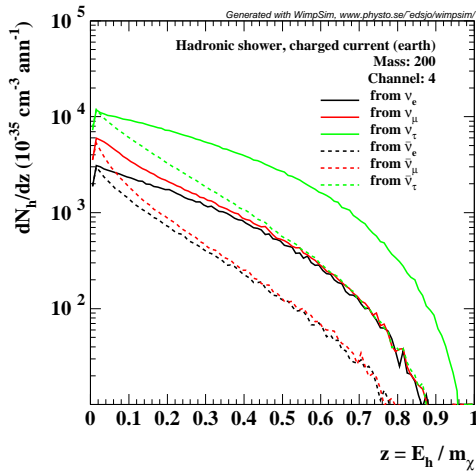
#### 9.4.4 Neutrino fluxes at detector (Earth)



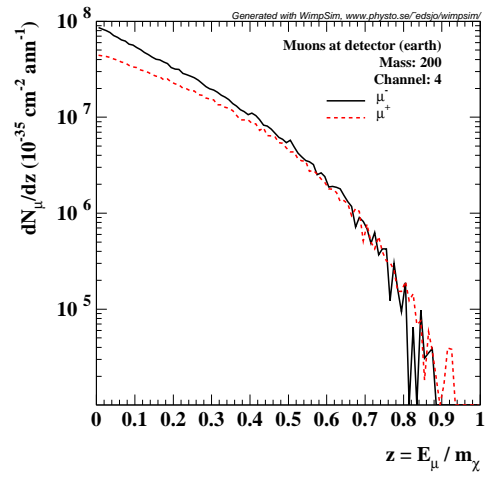
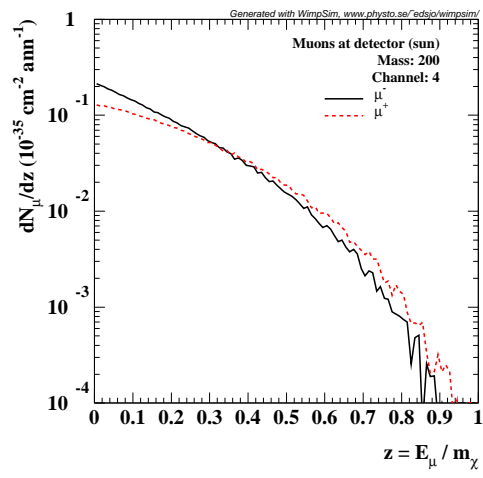
#### 9.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 9.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

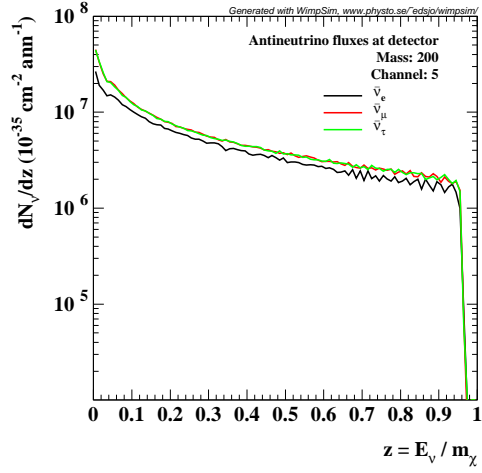
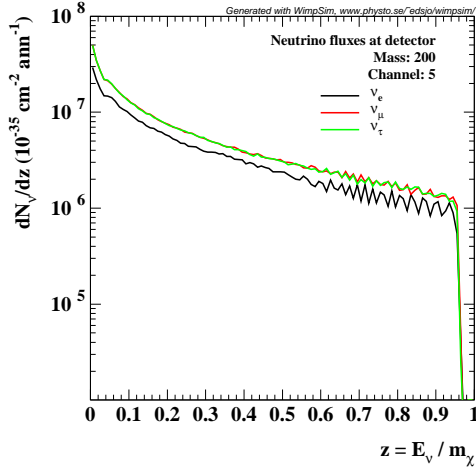


### 9.4.7 Muons at detector (Sun/Earth)

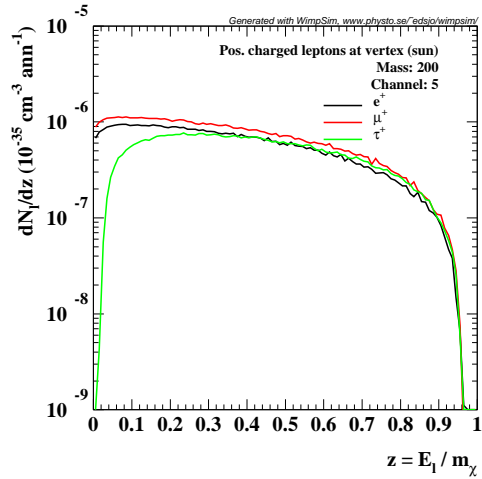
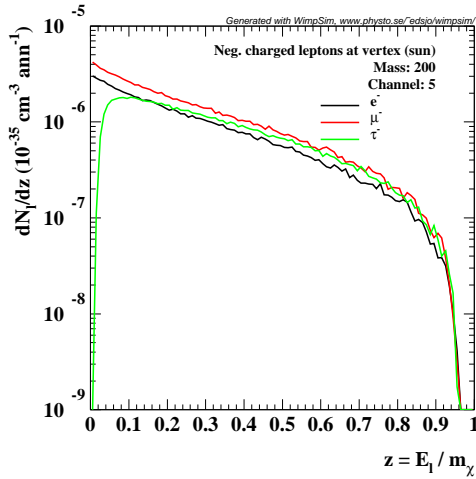


## 9.5 Channel 5 – $W^-W^+$

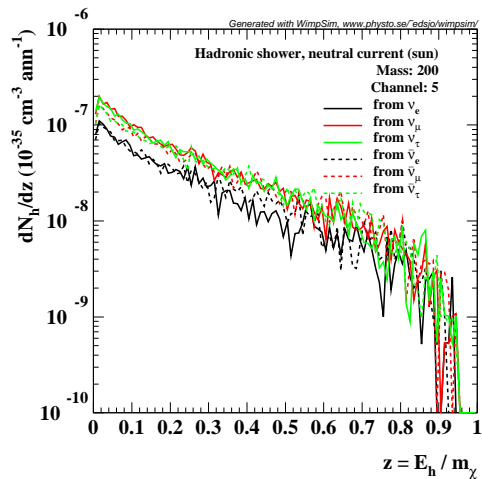
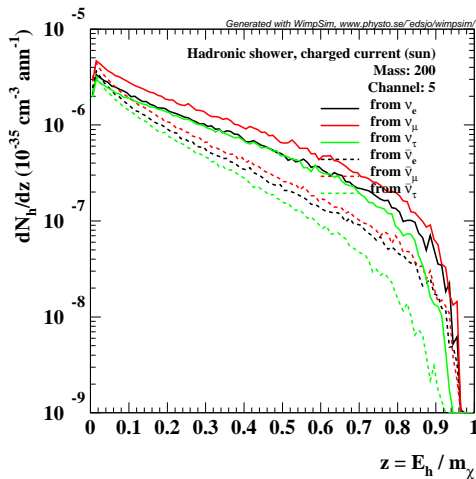
### 9.5.1 Neutrino fluxes at detector (Sun)



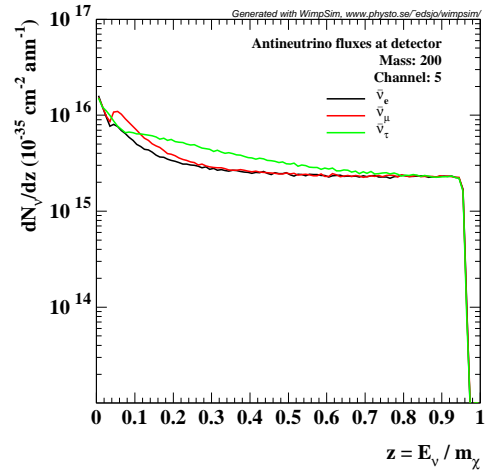
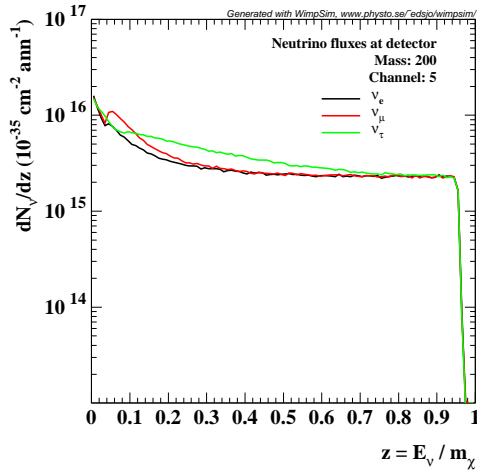
### 9.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



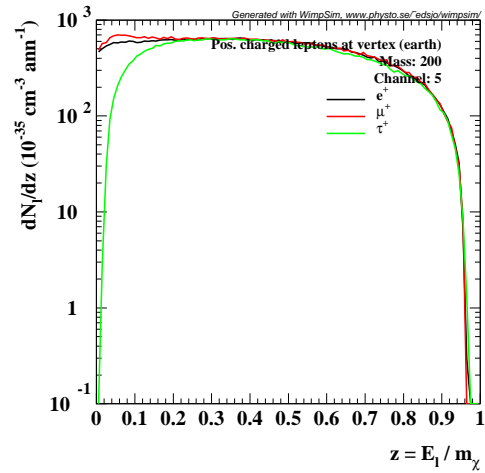
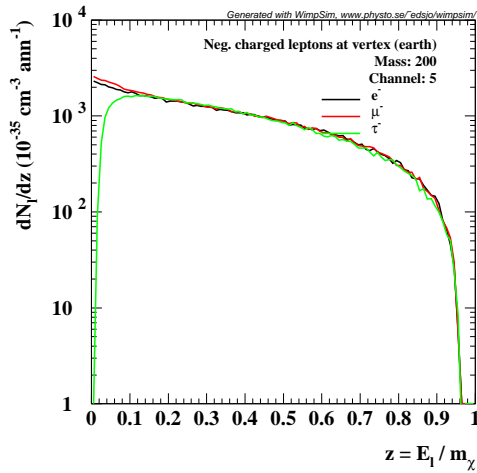
### 9.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



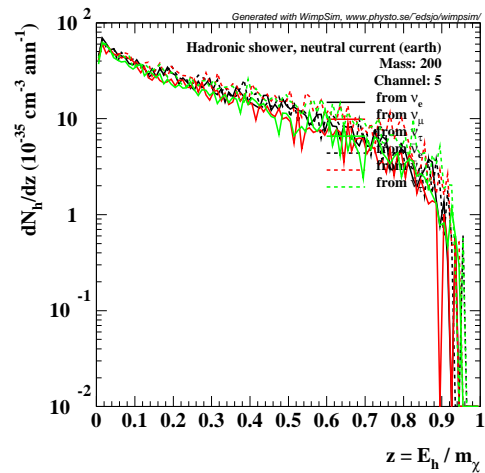
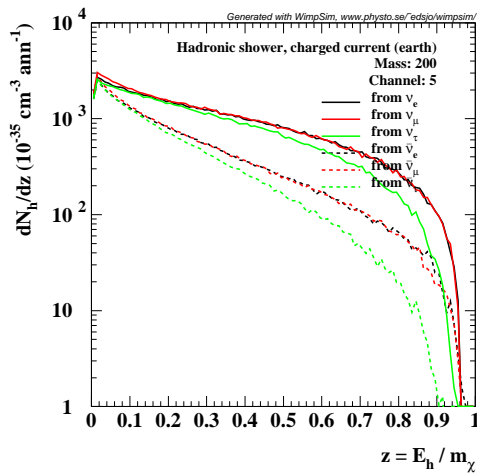
### 9.5.4 Neutrino fluxes at detector (Earth)



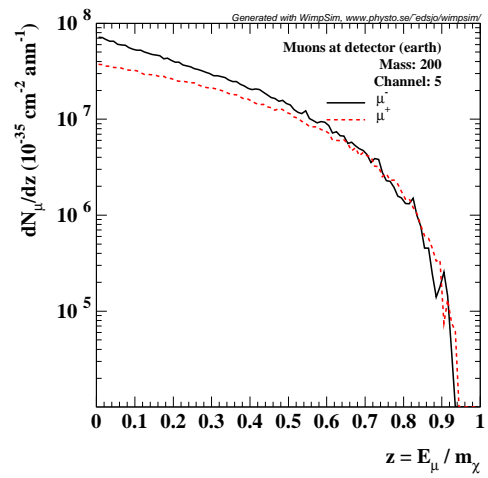
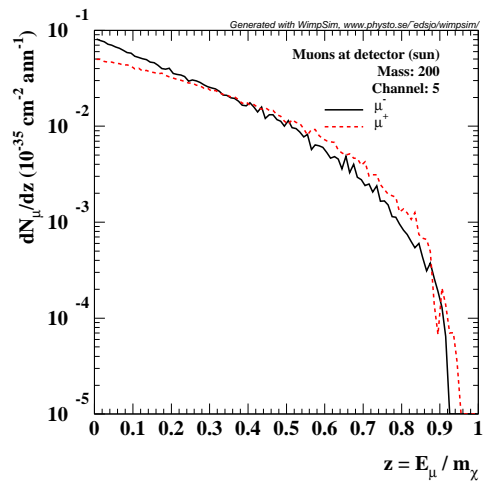
### 9.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 9.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

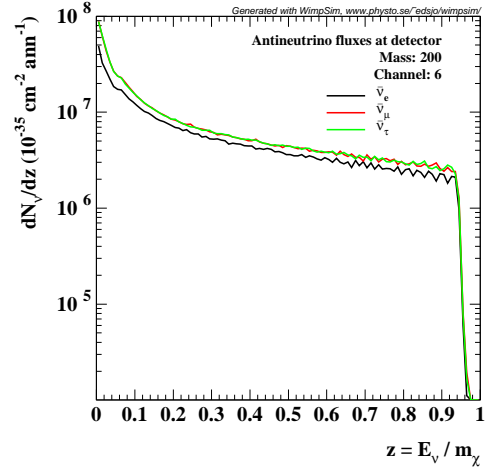
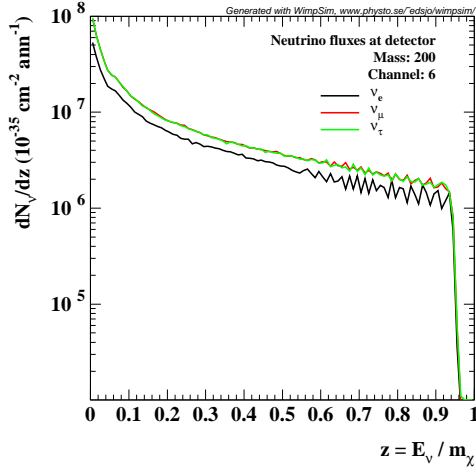


### 9.5.7 Muons at detector (Sun/Earth)

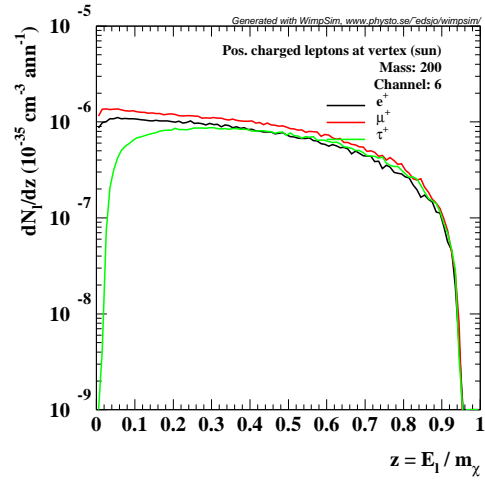
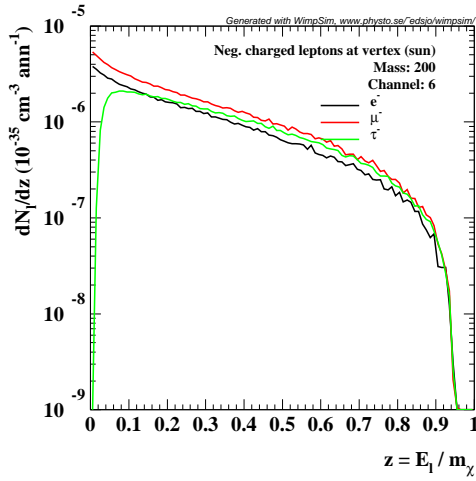


## 9.6 Channel 6 – $Z^0 Z^0$

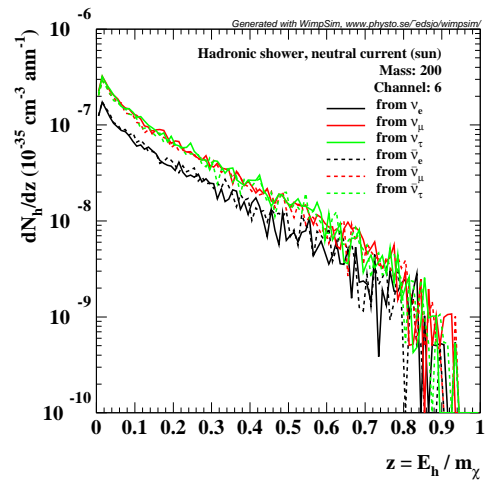
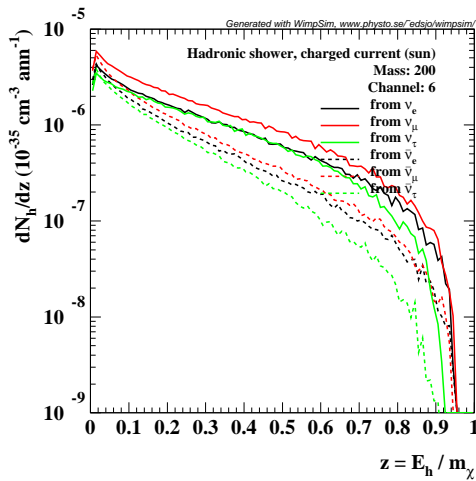
### 9.6.1 Neutrino fluxes at detector (Sun)



### 9.6.2 Charged leptons at neutrino-nucleon vertex (Sun)

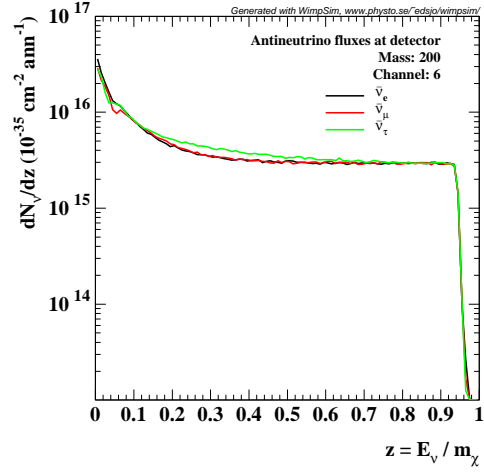
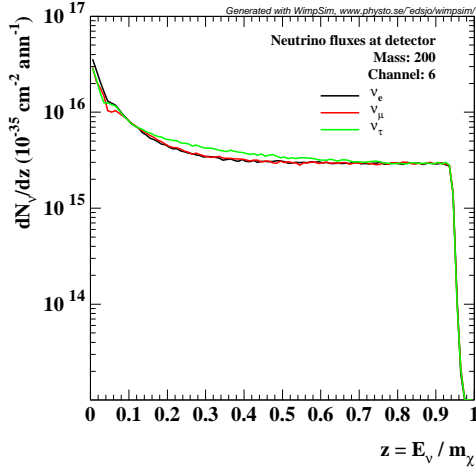


### 9.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)

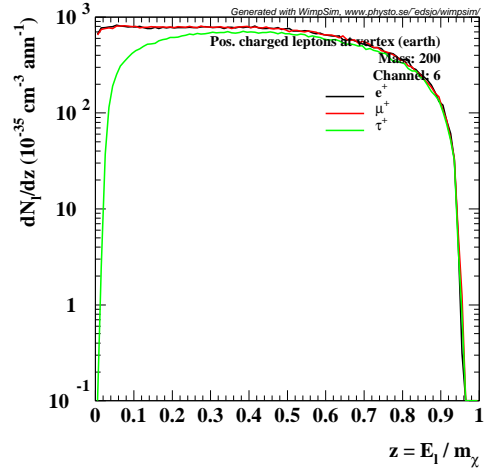
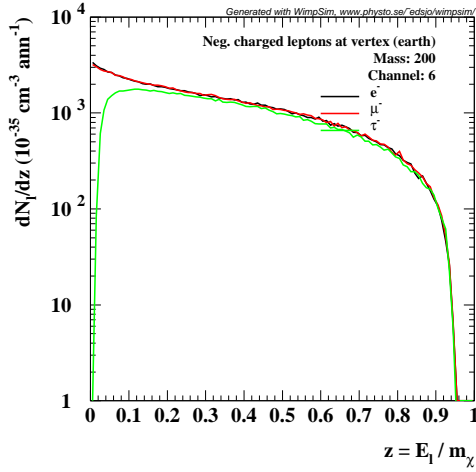




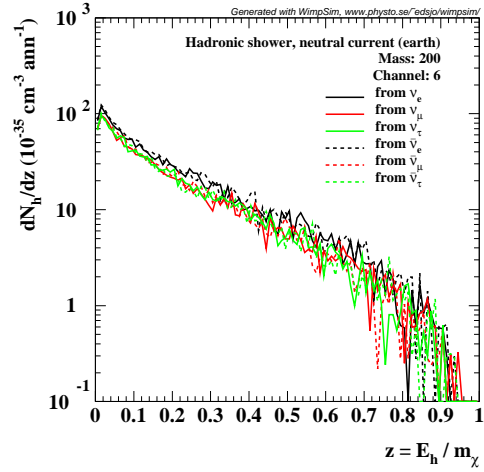
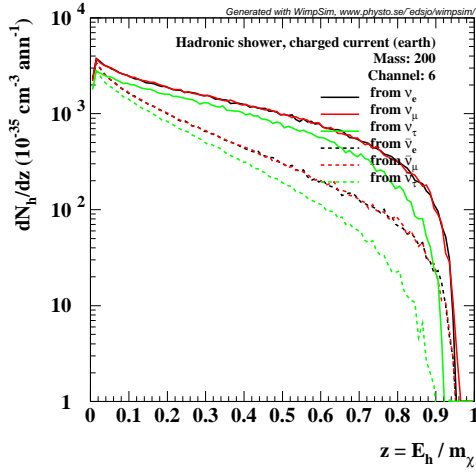
### 9.6.4 Neutrino fluxes at detector (Earth)



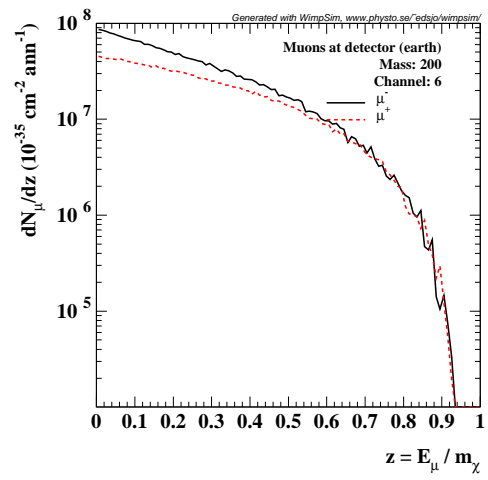
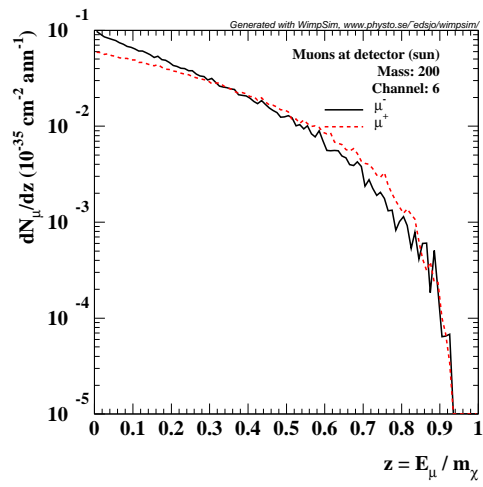
### 9.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 9.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

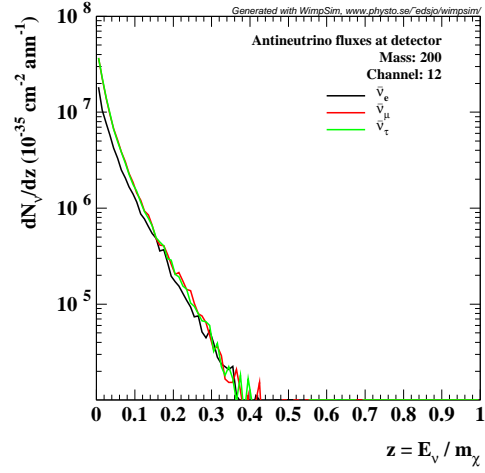
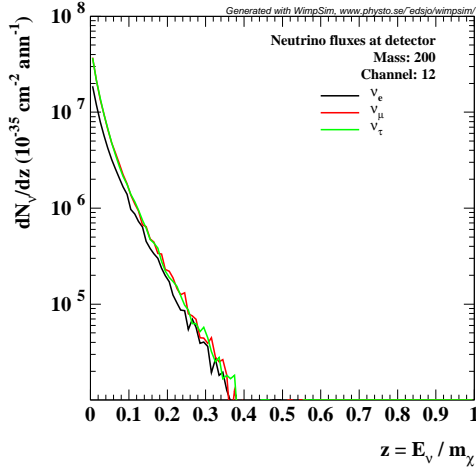


### 9.6.7 Muons at detector (Sun/Earth)

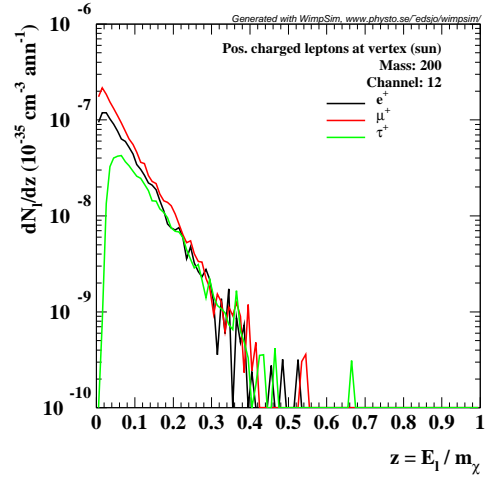
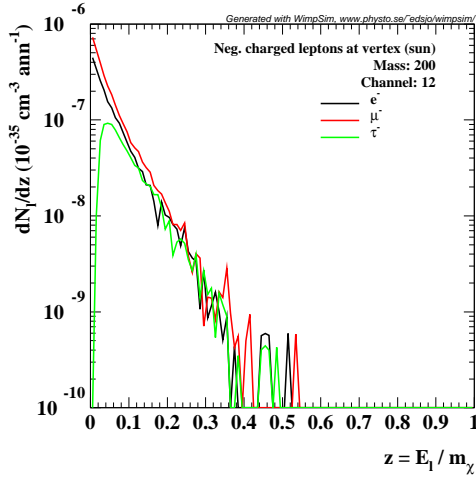


## 9.7 Channel 12 – $gg$

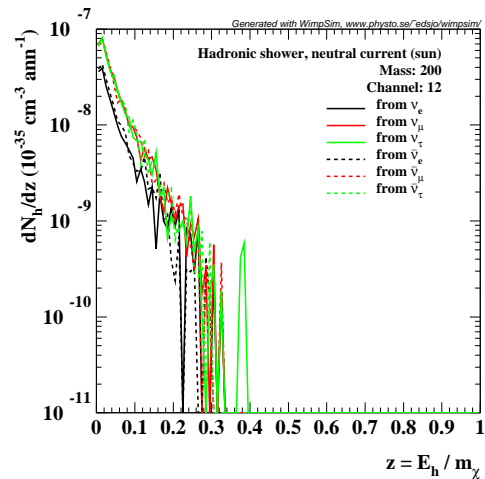
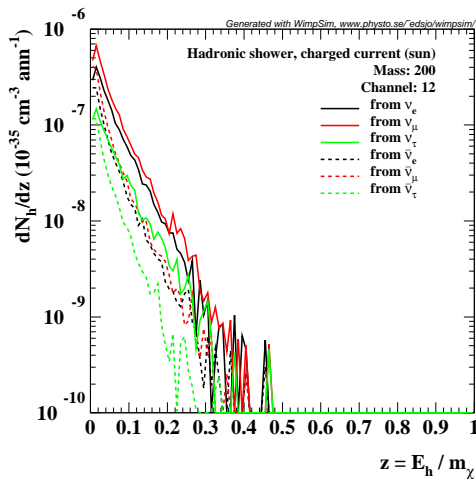
### 9.7.1 Neutrino fluxes at detector (Sun)



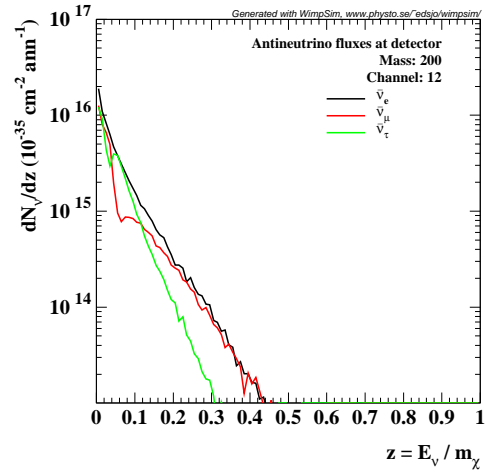
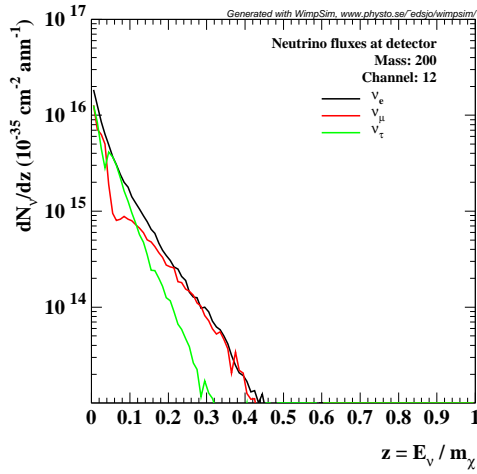
### 9.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



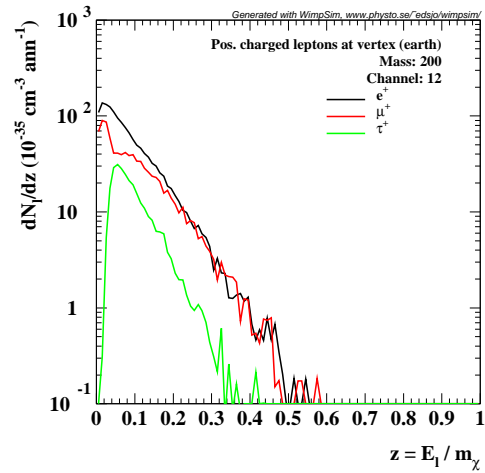
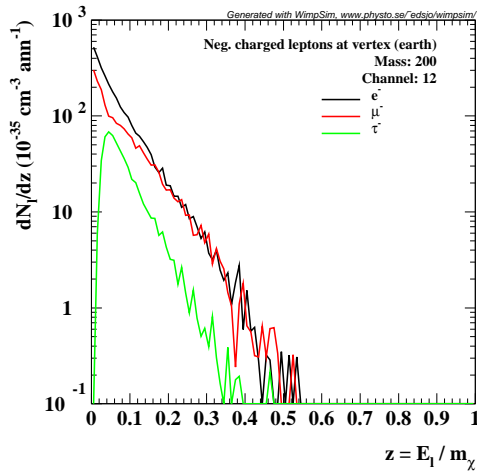
### 9.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



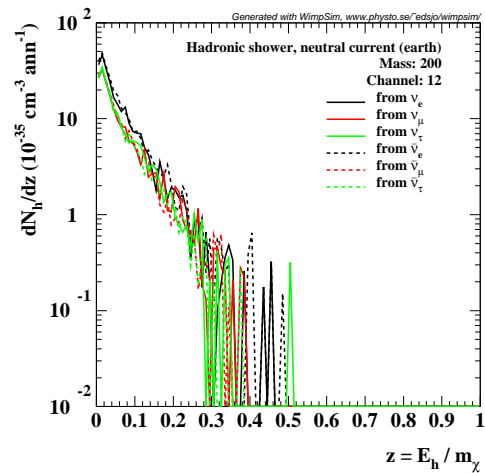
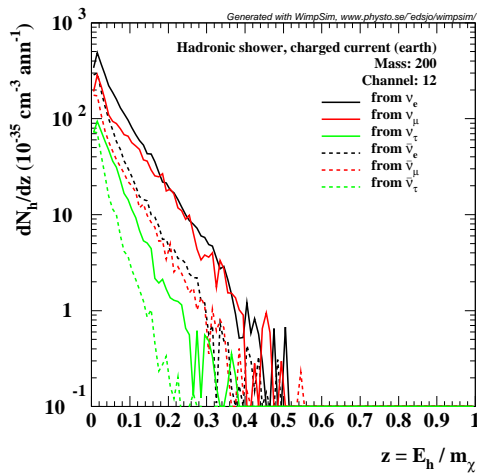
### 9.7.4 Neutrino fluxes at detector (Earth)



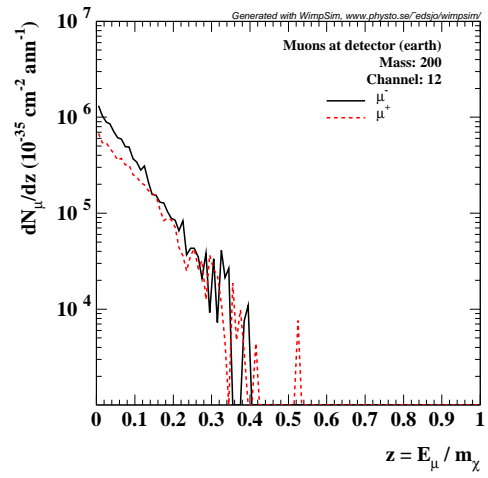
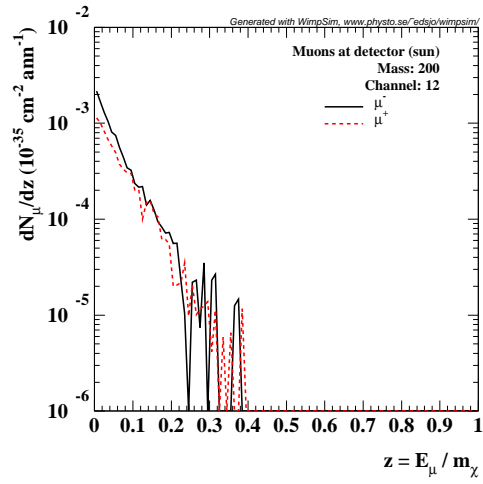
### 9.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 9.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)

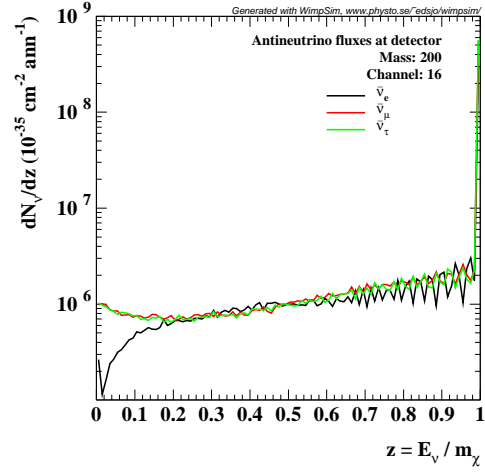
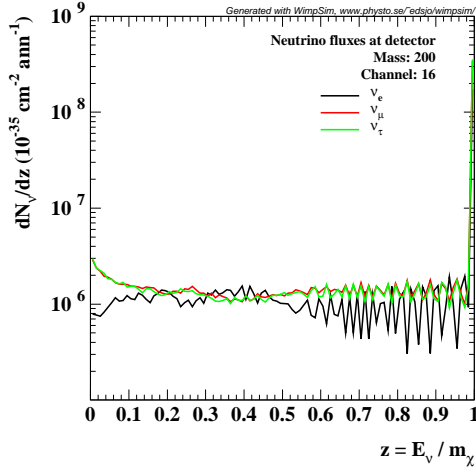


### 9.7.7 Muons at detector (Sun/Earth)

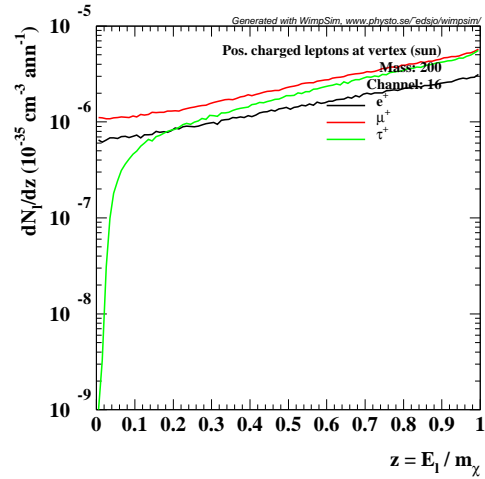
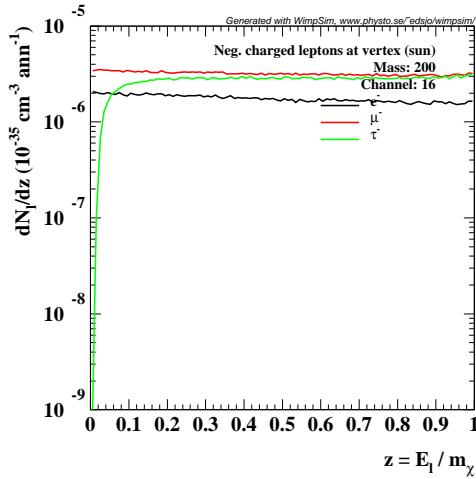


## 9.8 Channel 16 – $\nu_e \bar{\nu}_e$

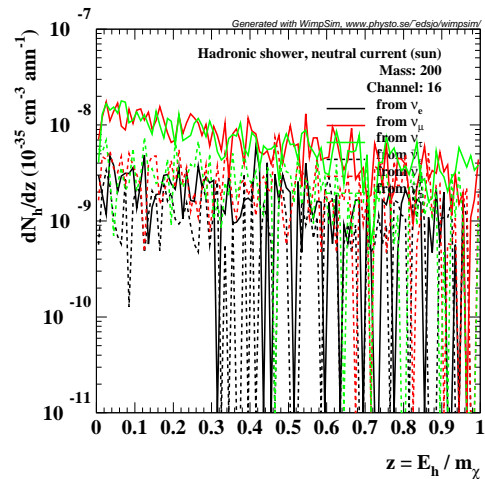
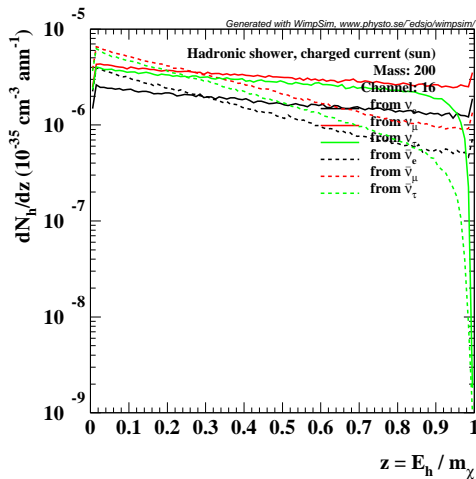
### 9.8.1 Neutrino fluxes at detector (Sun)



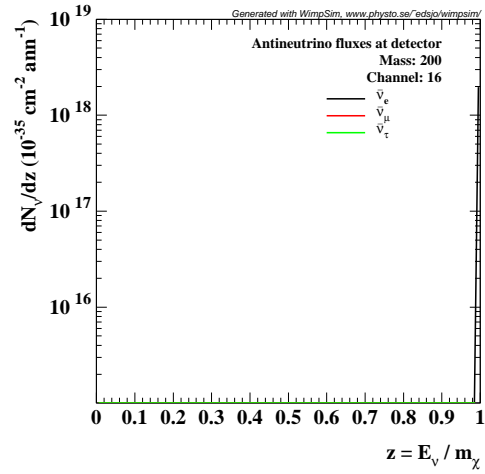
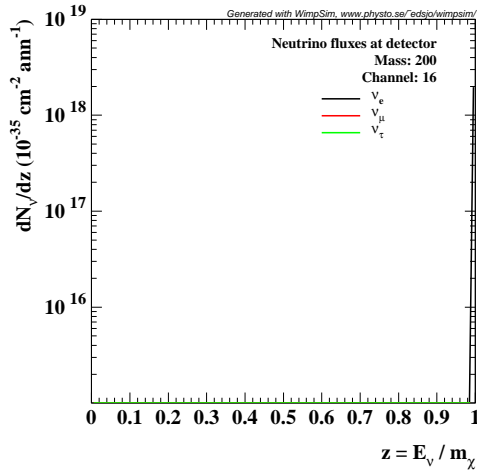
### 9.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



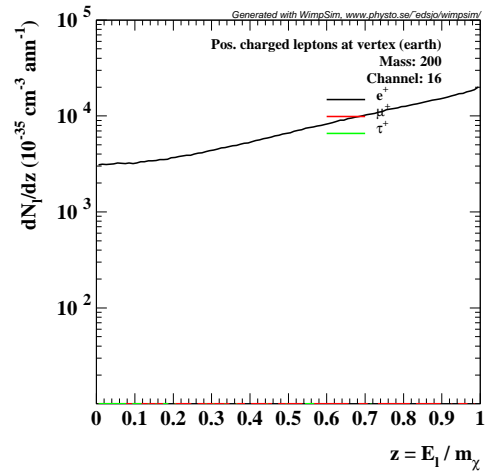
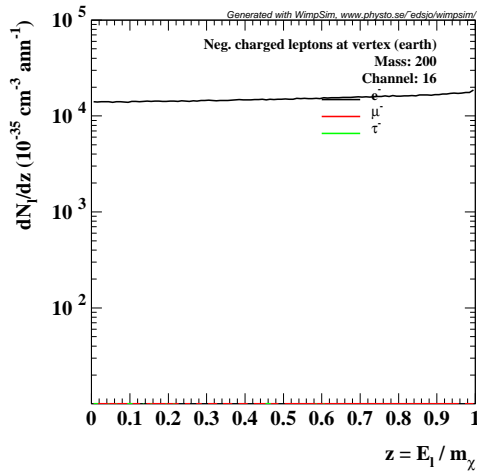
### 9.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



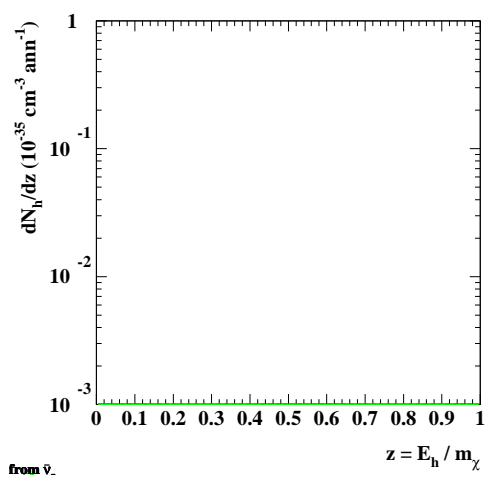
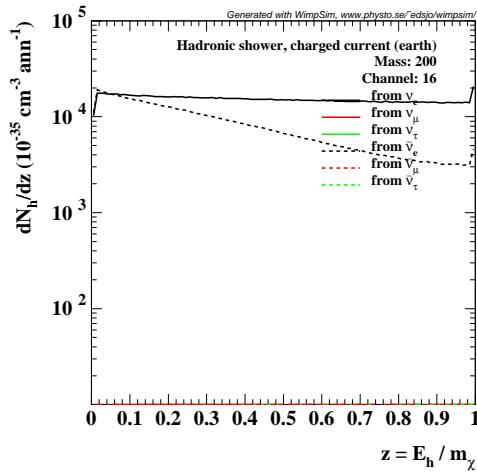
### 9.8.4 Neutrino fluxes at detector (Earth)



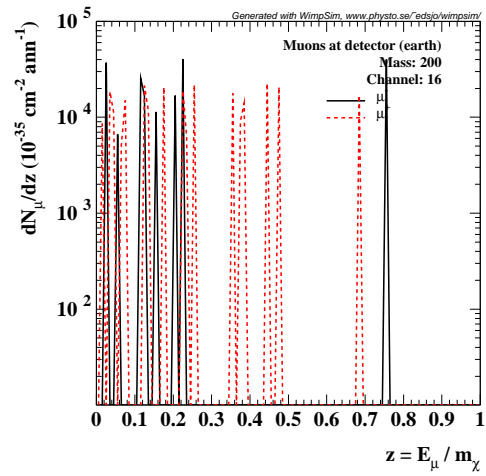
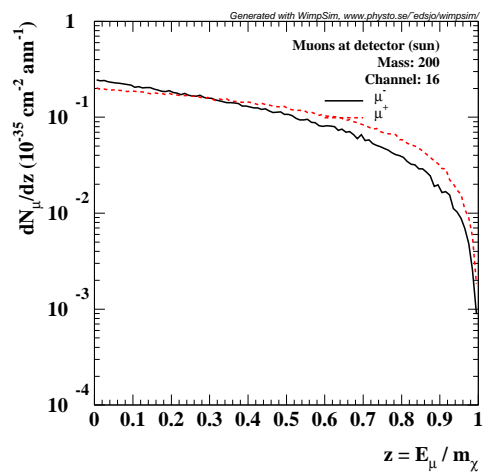
### 9.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 9.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)



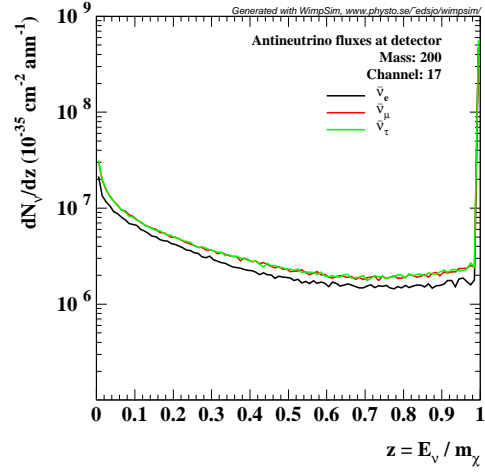
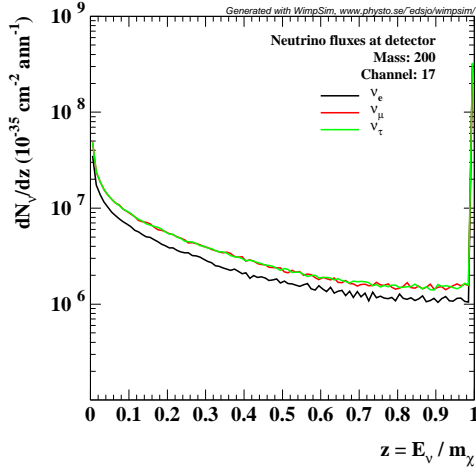
### 9.8.7 Muons at detector (Sun/Earth)



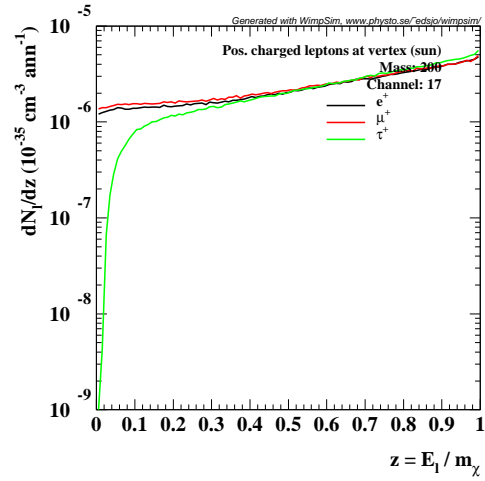
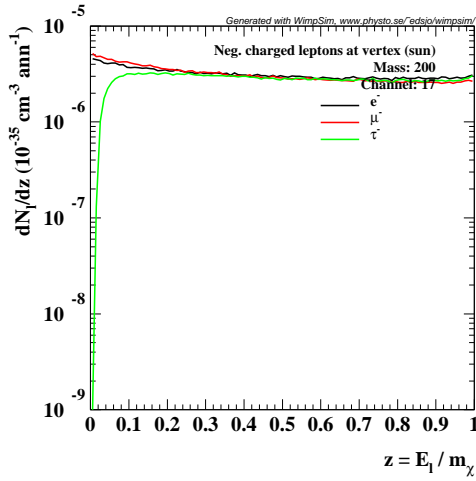


## 9.9 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

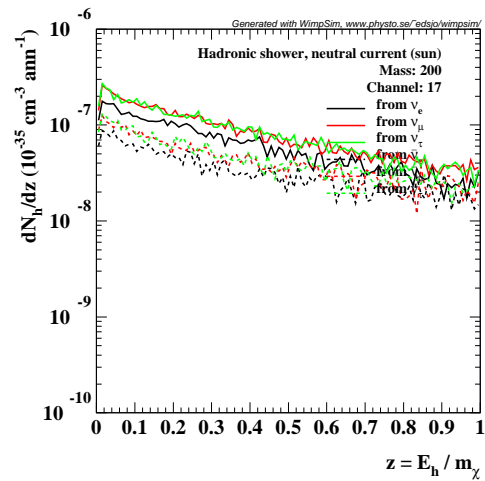
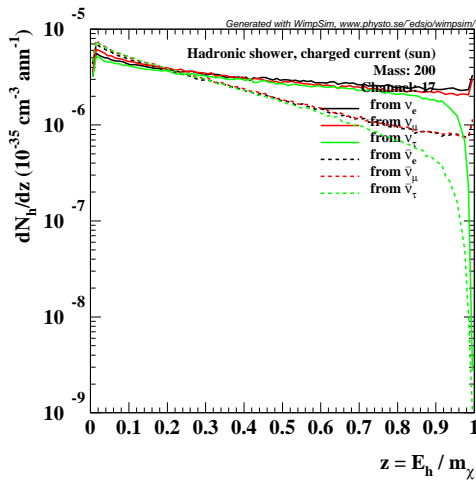
### 9.9.1 Neutrino fluxes at detector (Sun)



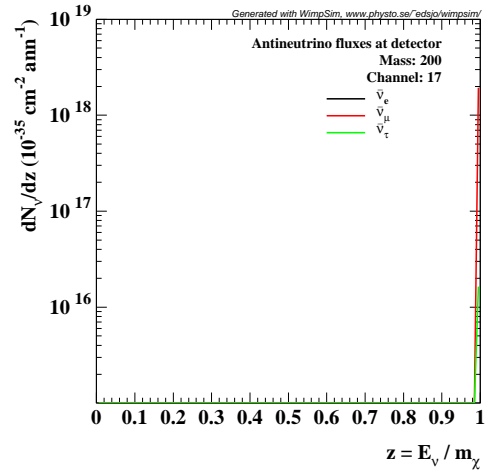
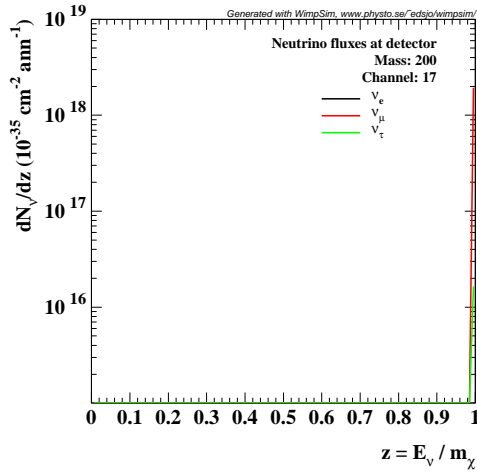
### 9.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



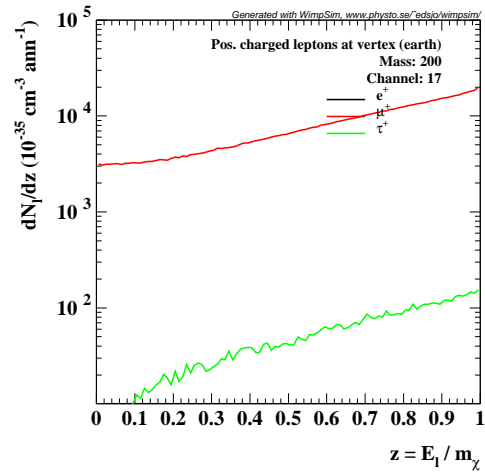
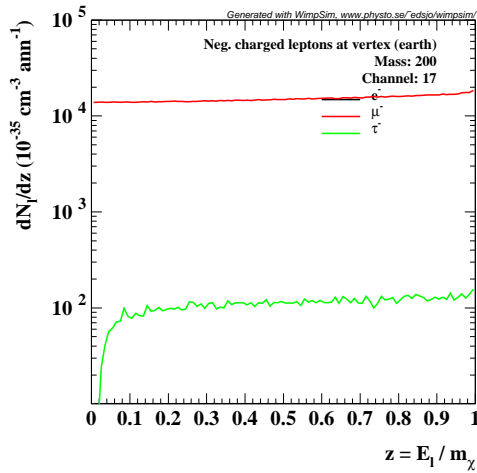
### 9.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



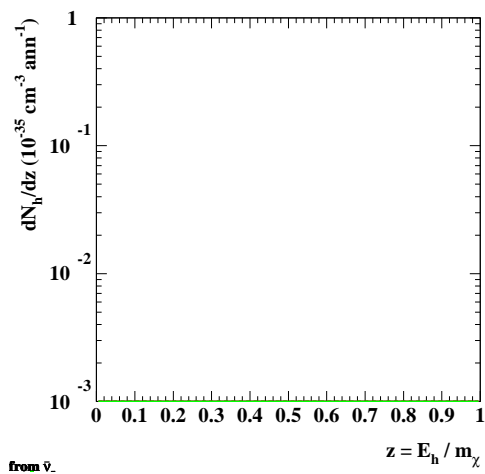
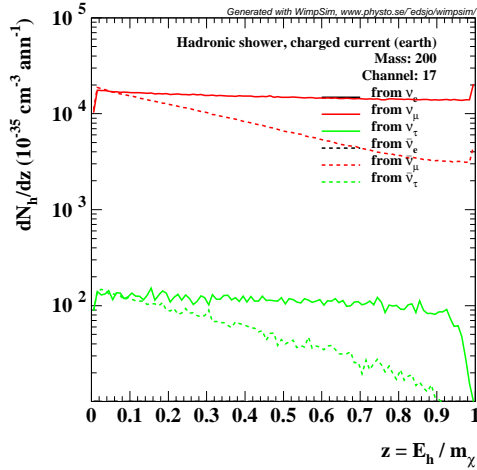
### 9.9.4 Neutrino fluxes at detector (Earth)



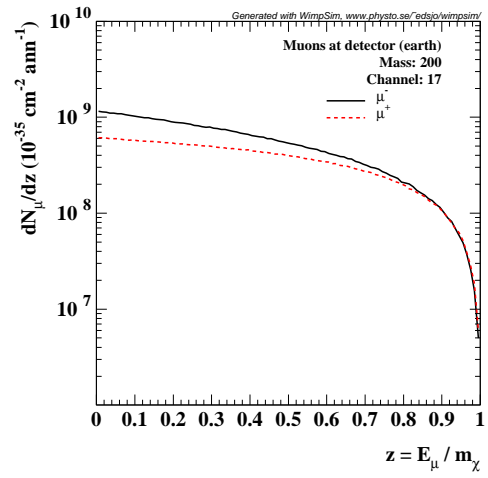
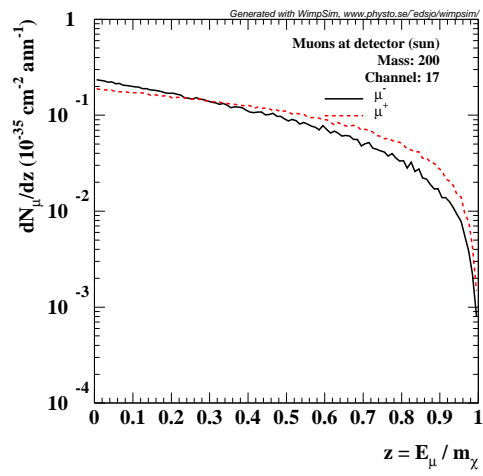
### 9.9.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 9.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)

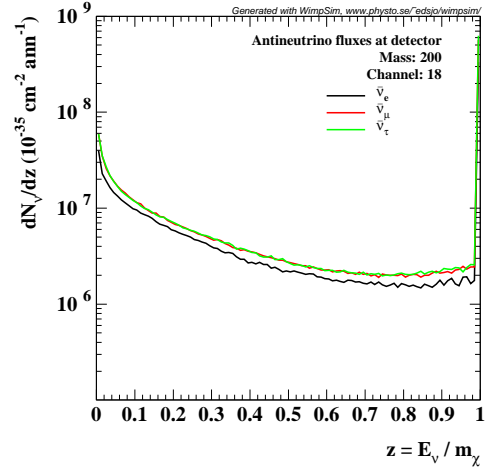
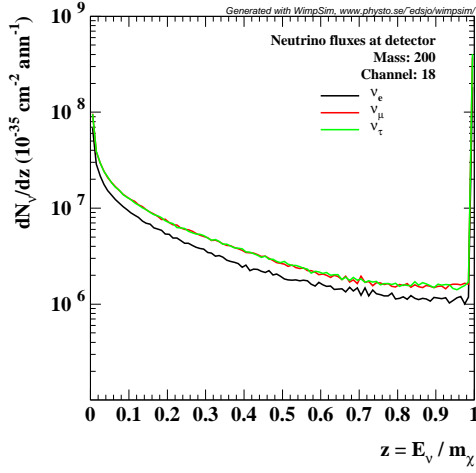


### 9.9.7 Muons at detector (Sun/Earth)

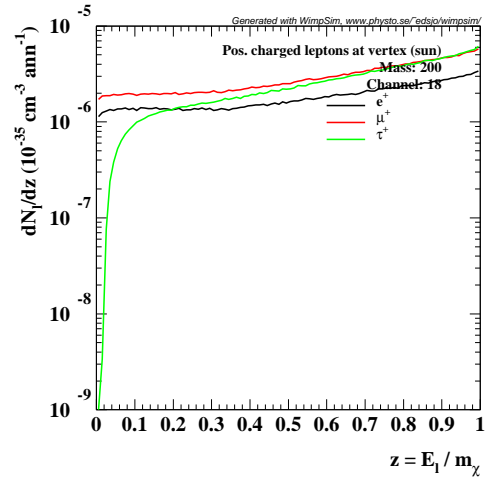
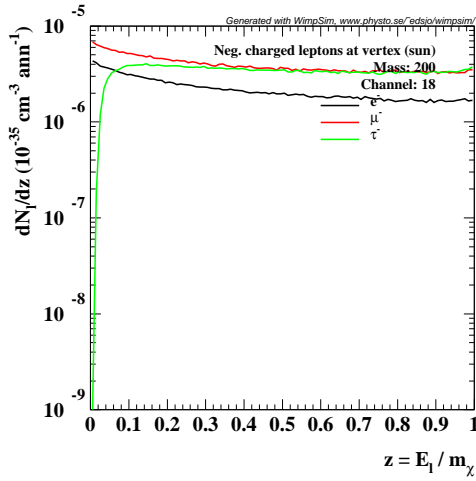


## 9.10 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

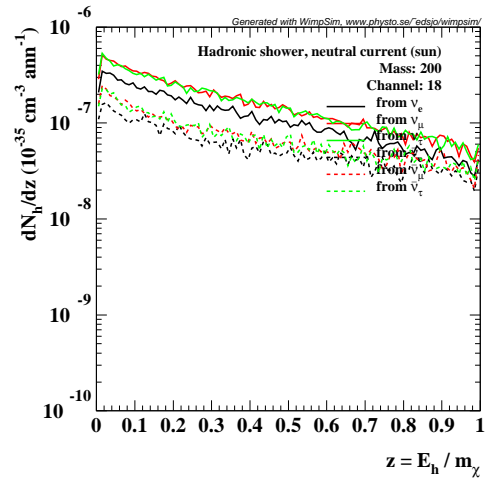
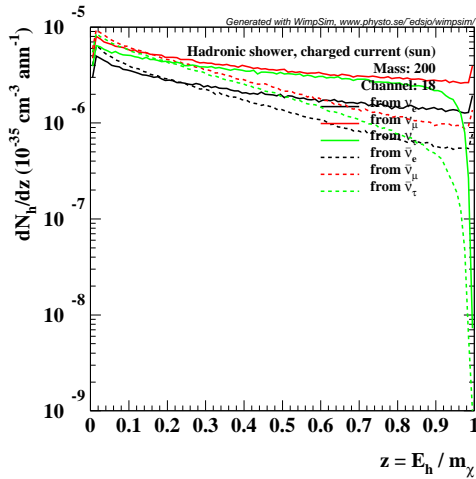
### 9.10.1 Neutrino fluxes at detector (Sun)



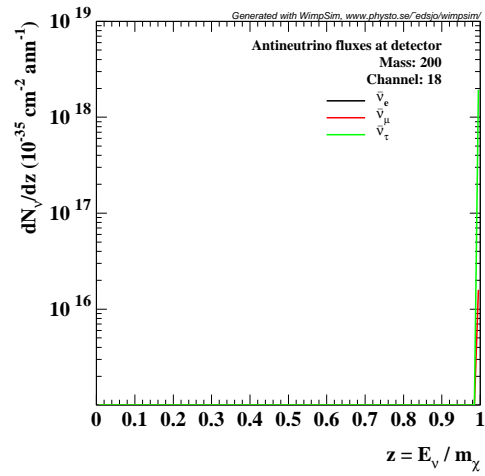
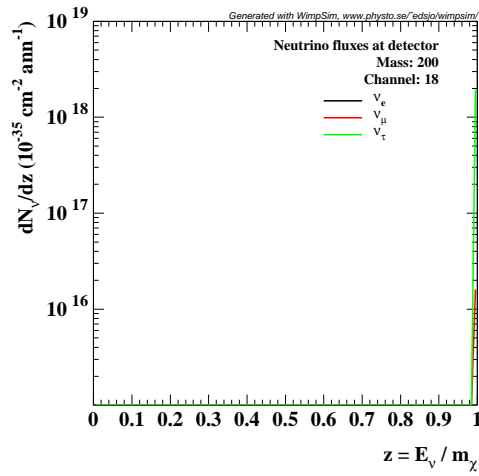
### 9.10.2 Charged leptons at neutrino-nucleon vertex (Sun)



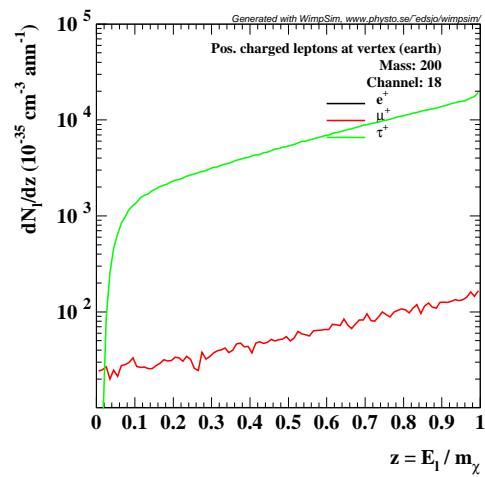
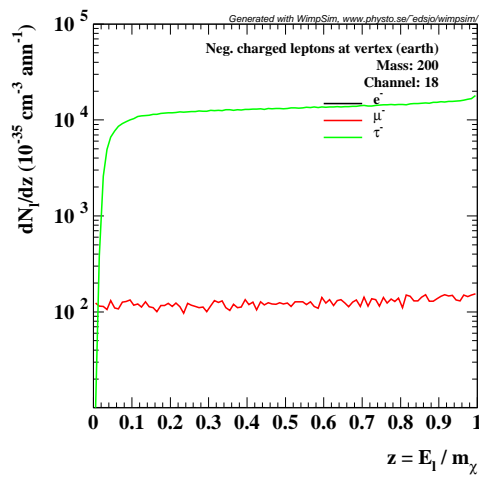
### 9.10.3 Hadronic shower at neutrino-nucleon vertex (Sun)



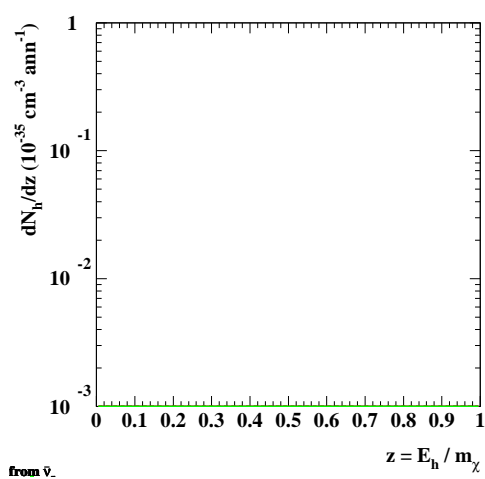
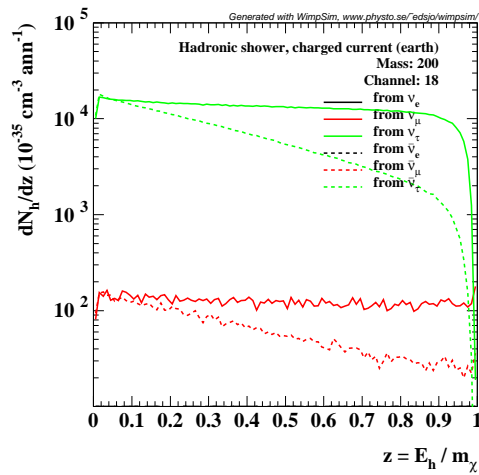
### 9.10.4 Neutrino fluxes at detector (Earth)



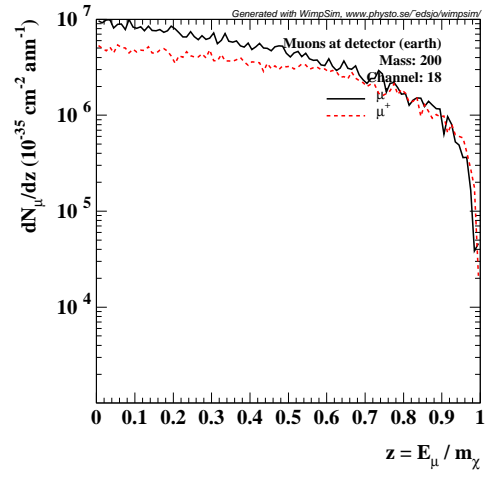
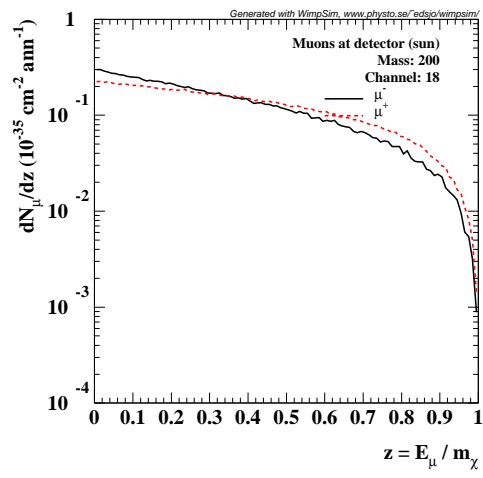
### 9.10.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 9.10.6 Hadronic shower at neutrino-nucleon vertex (Earth)



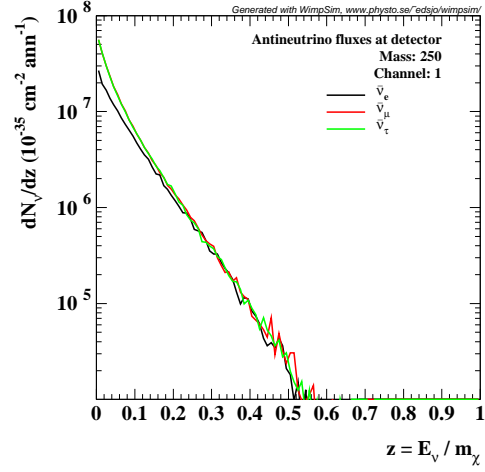
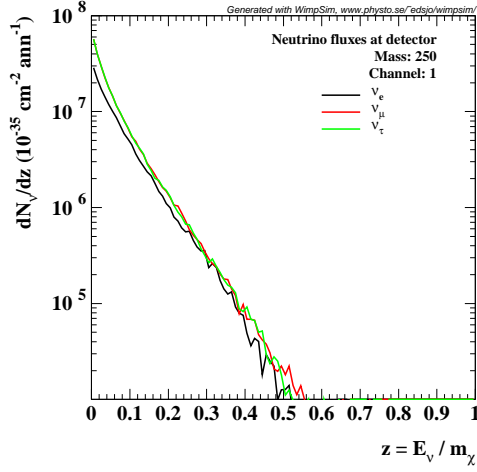
### 9.10.7 Muons at detector (Sun/Earth)



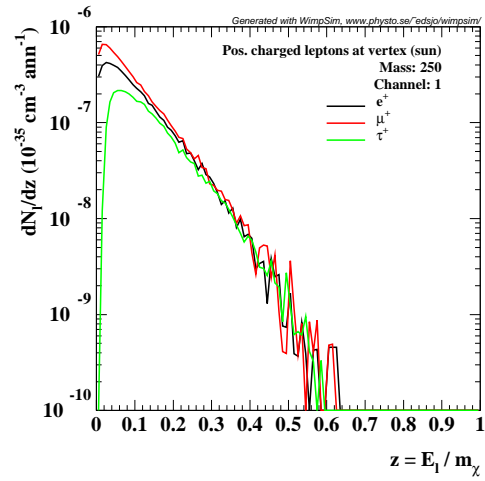
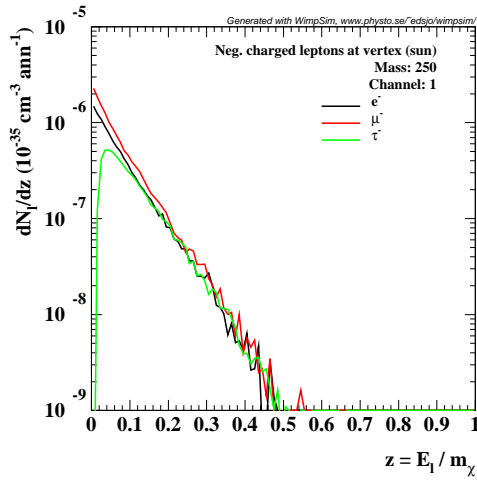
## 10 Mass 250

### 10.1 Channel 1 – $c\bar{c}$

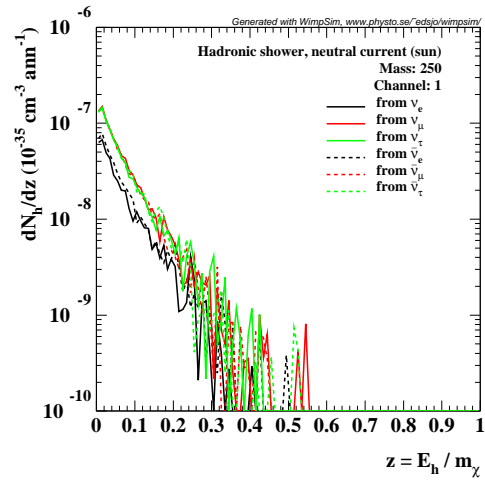
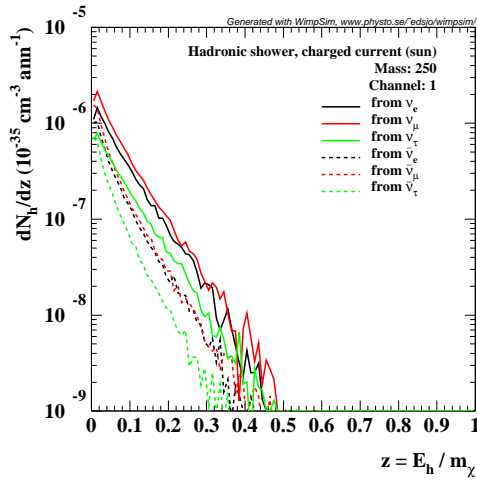
#### 10.1.1 Neutrino fluxes at detector (Sun)



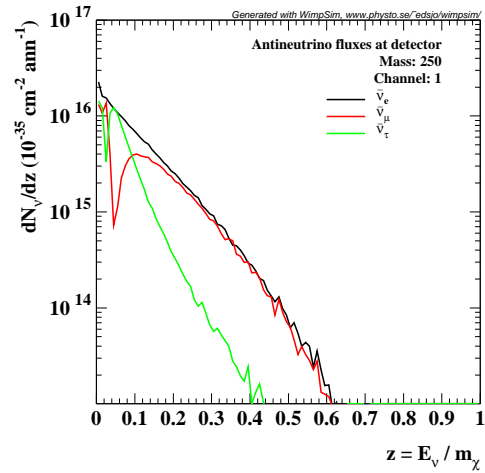
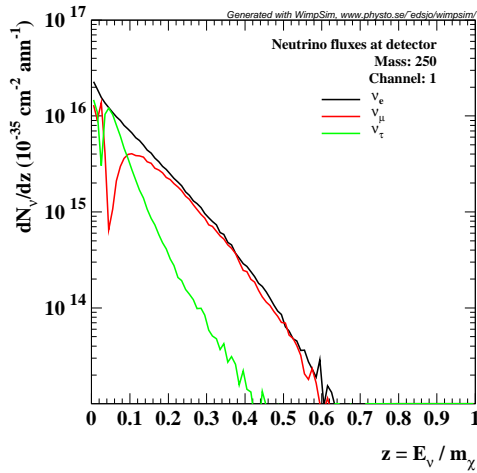
#### 10.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



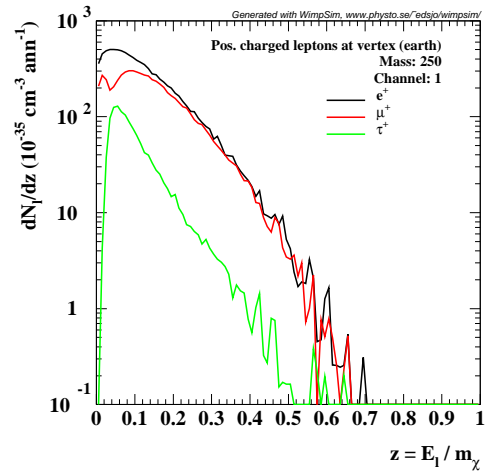
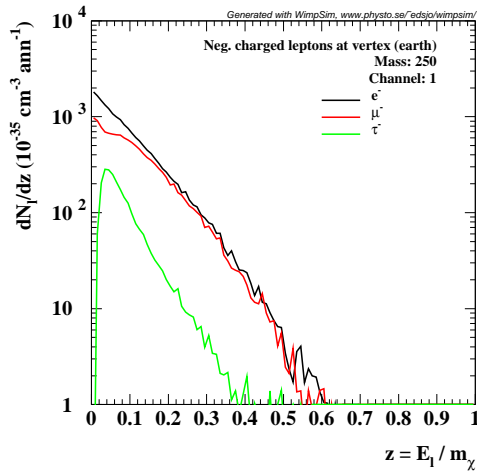
### 10.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



### 10.1.4 Neutrino fluxes at detector (Earth)

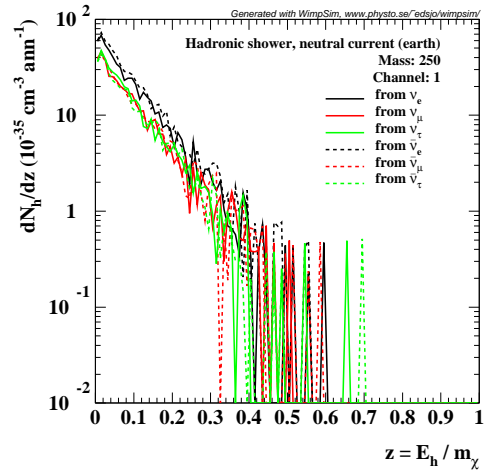
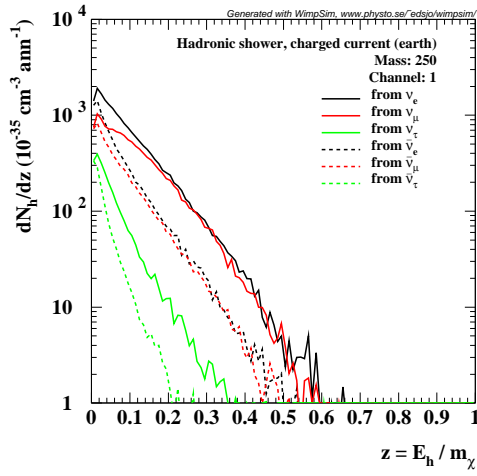


### 10.1.5 Charged leptons at neutrino-nucleon vertex (Earth)

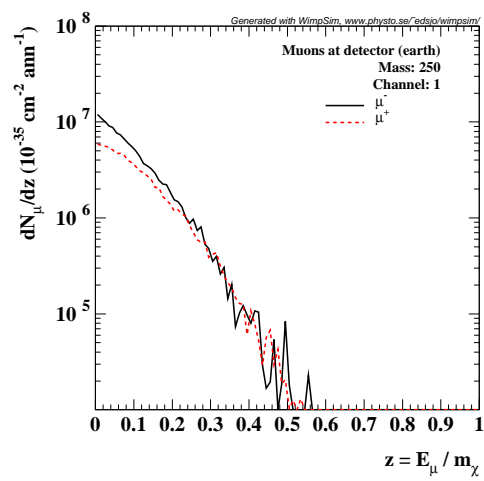
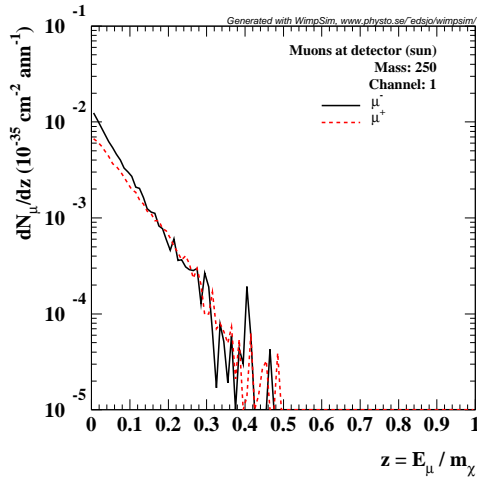




### 10.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

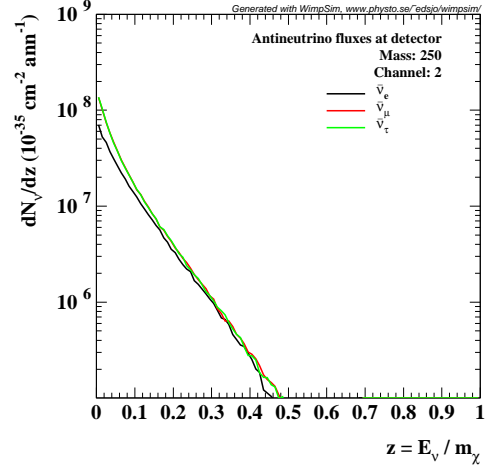
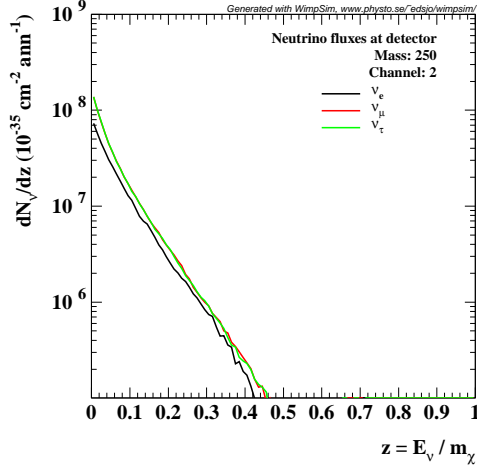


### 10.1.7 Muons at detector (Sun/Earth)

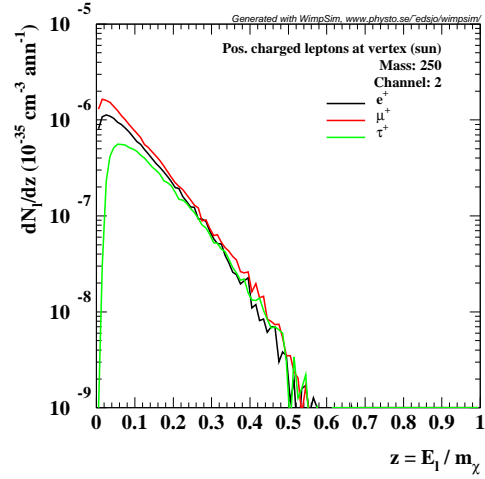
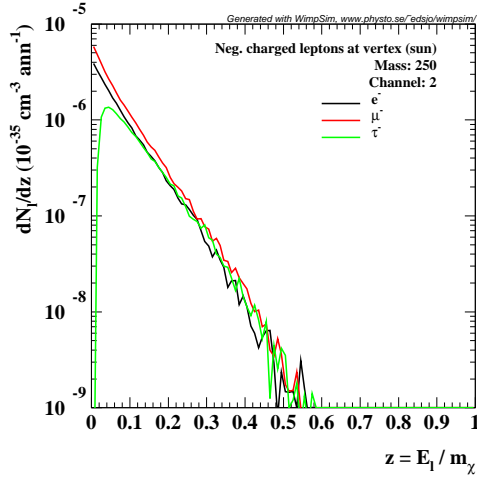


## 10.2 Channel 2 – $b\bar{b}$

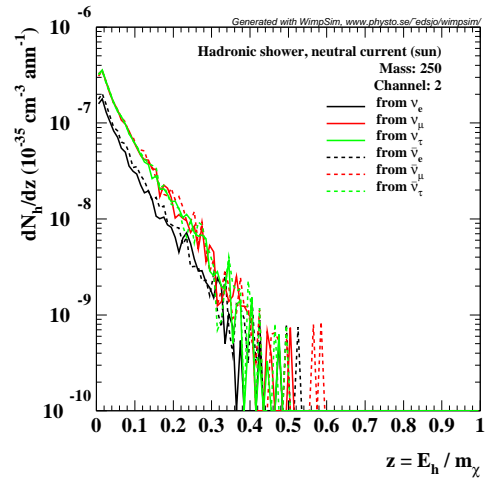
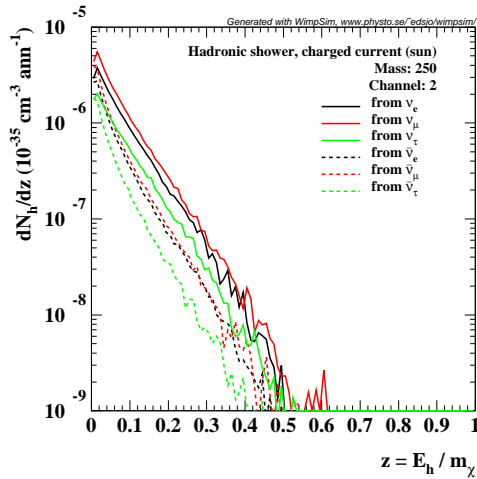
### 10.2.1 Neutrino fluxes at detector (Sun)



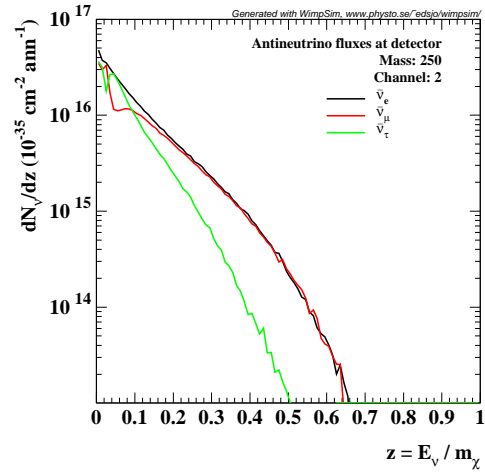
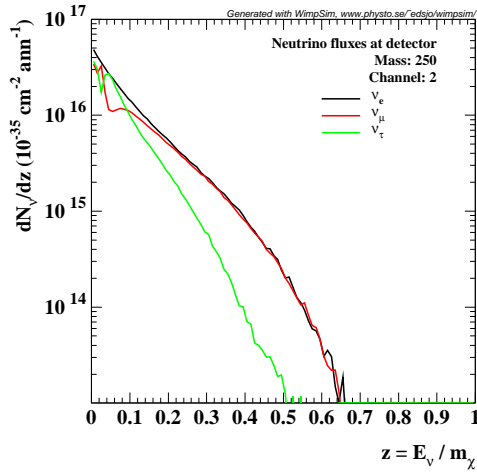
### 10.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



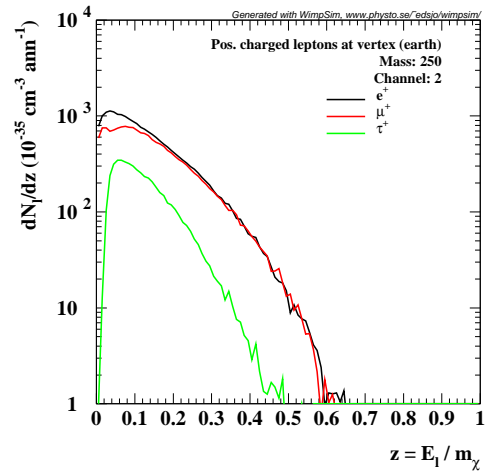
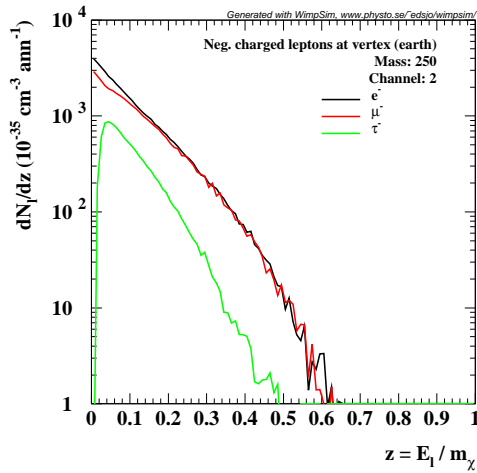
### 10.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



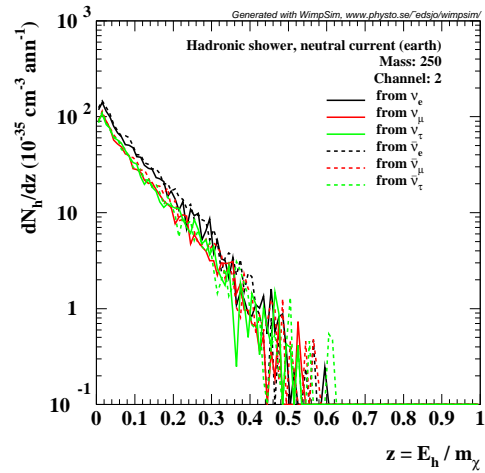
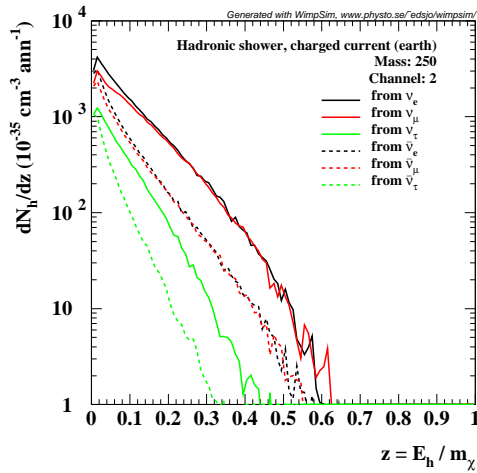
### 10.2.4 Neutrino fluxes at detector (Earth)



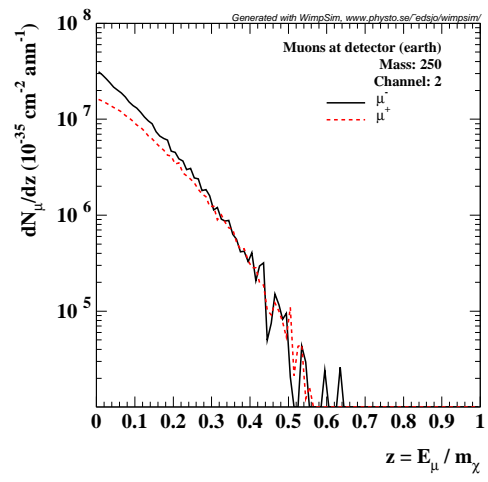
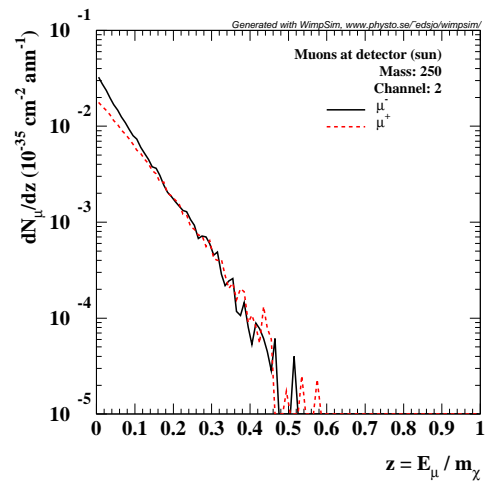
### 10.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 10.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

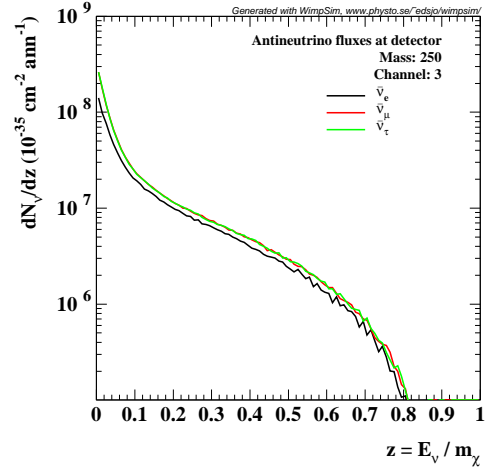
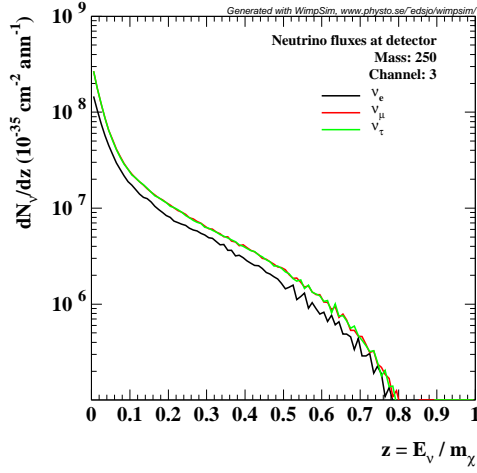


### 10.2.7 Muons at detector (Sun/Earth)

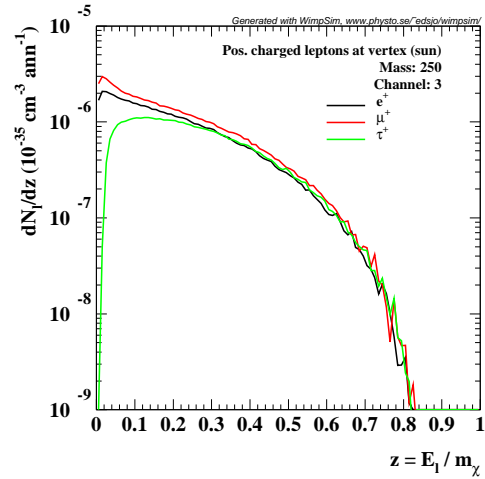
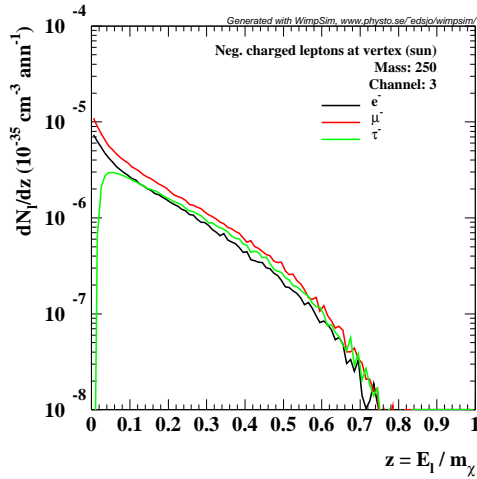


## 10.3 Channel 3 – $t\bar{t}$

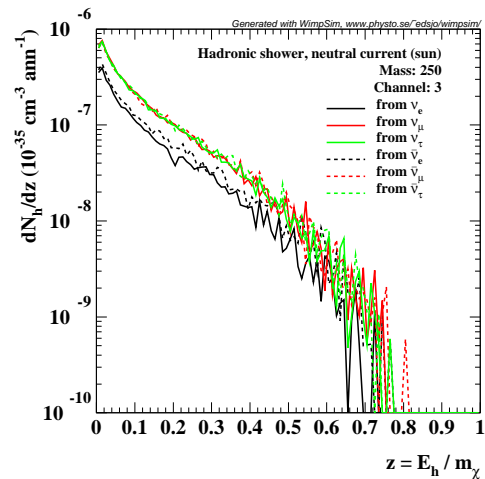
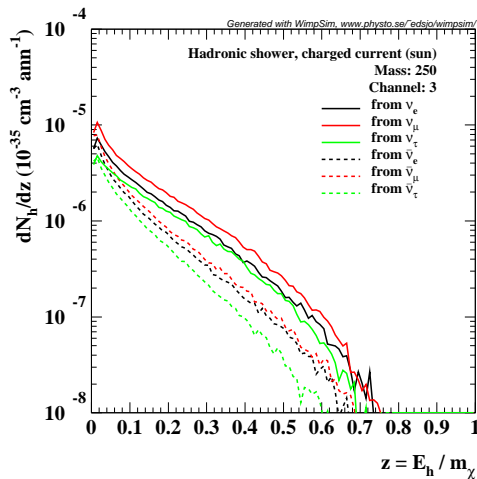
### 10.3.1 Neutrino fluxes at detector (Sun)



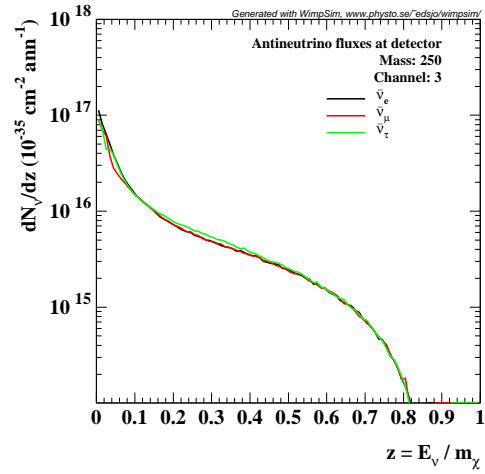
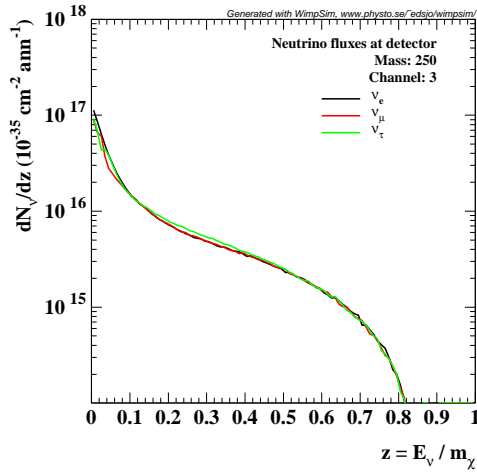
### 10.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



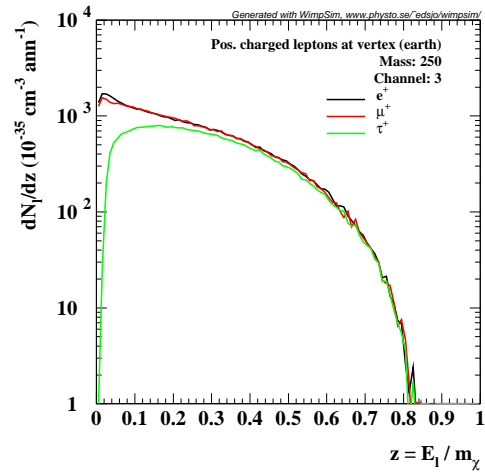
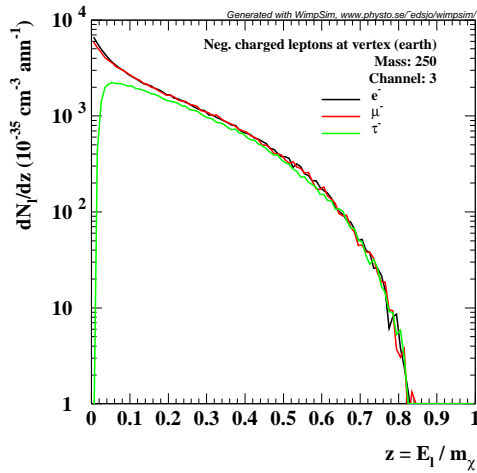
### 10.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



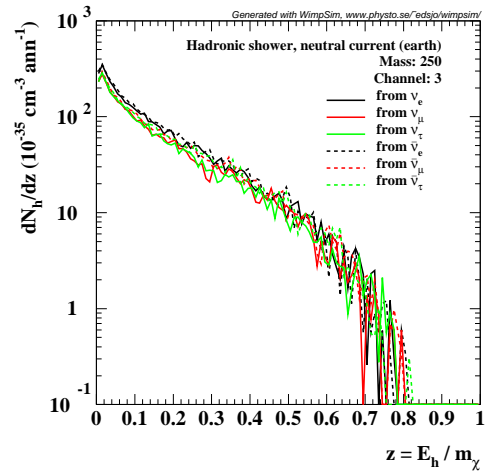
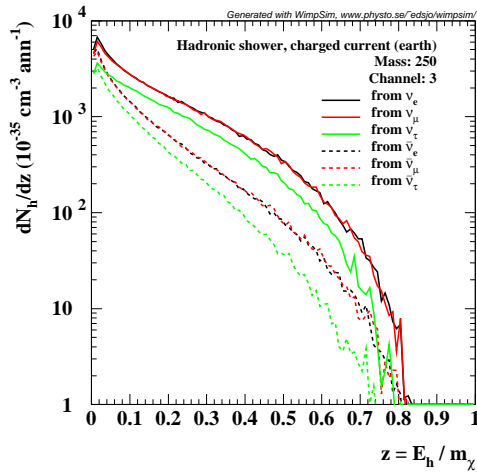
### 10.3.4 Neutrino fluxes at detector (Earth)



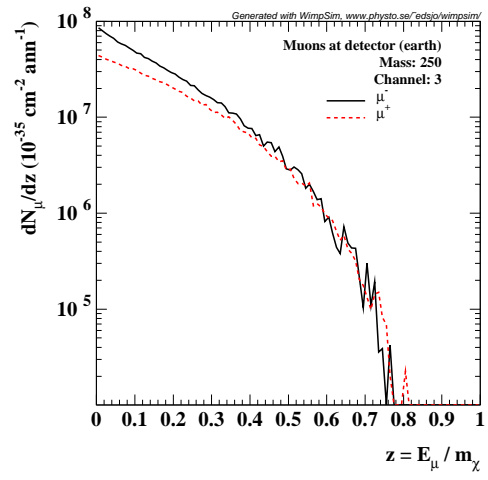
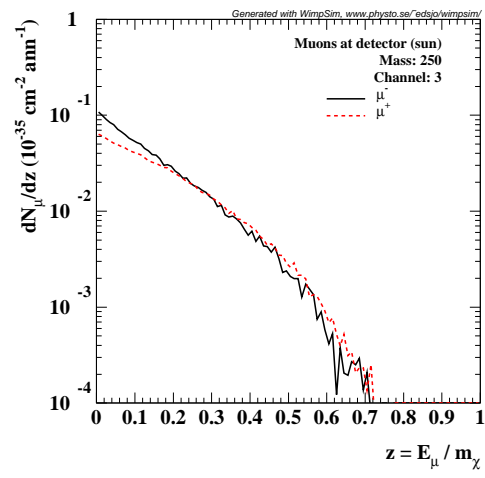
### 10.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 10.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

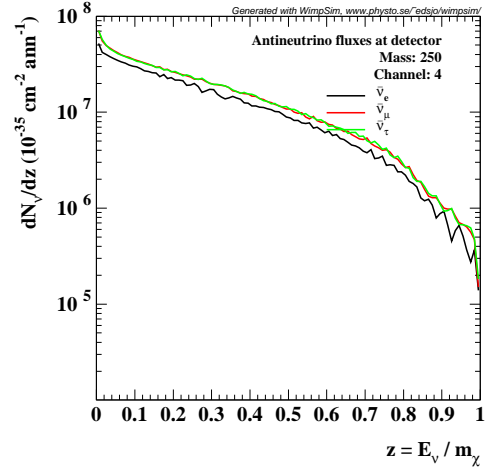
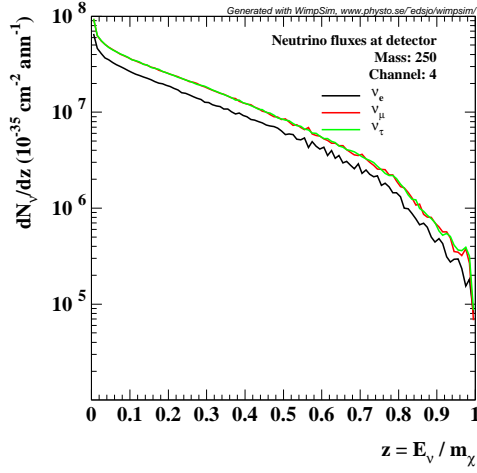


### 10.3.7 Muons at detector (Sun/Earth)

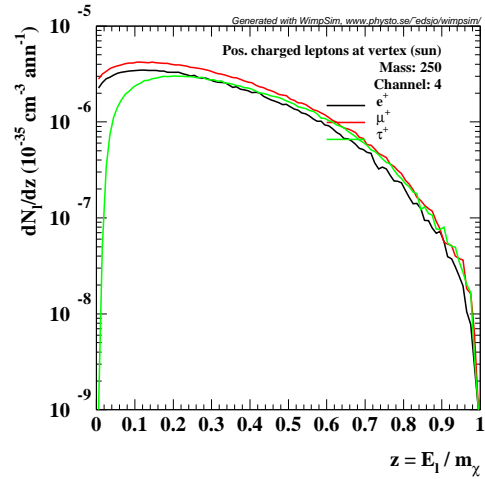
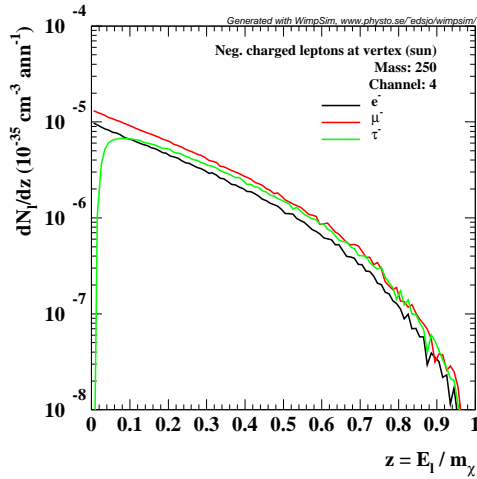


## 10.4 Channel 4 – $\tau^- \tau^+$

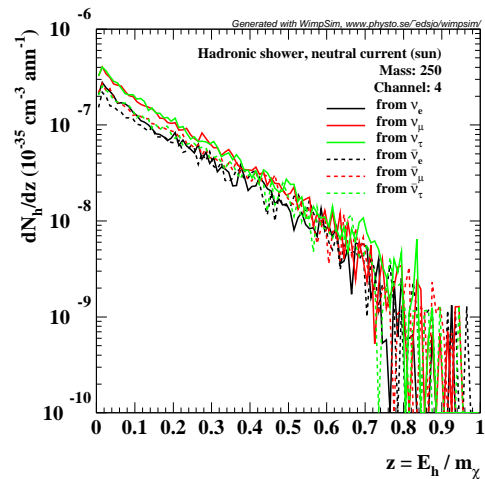
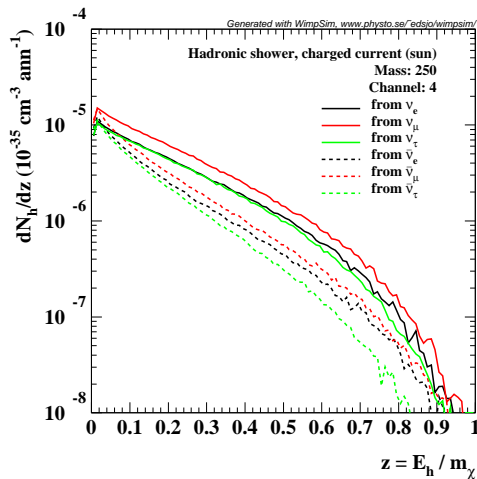
### 10.4.1 Neutrino fluxes at detector (Sun)



### 10.4.2 Charged leptons at neutrino-nucleon vertex (Sun)

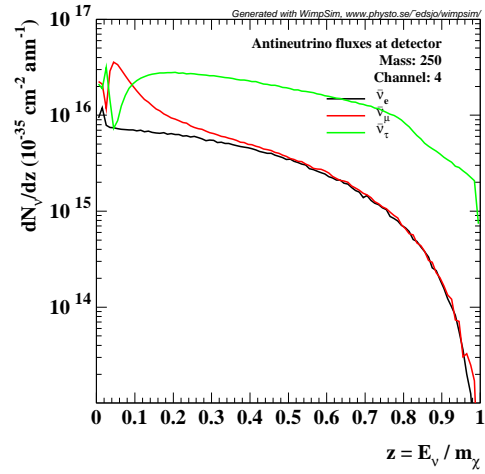
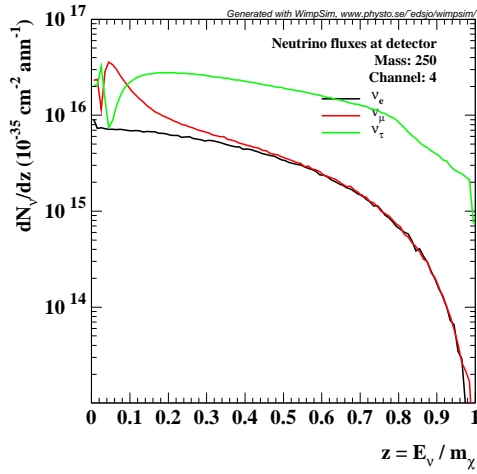


### 10.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)

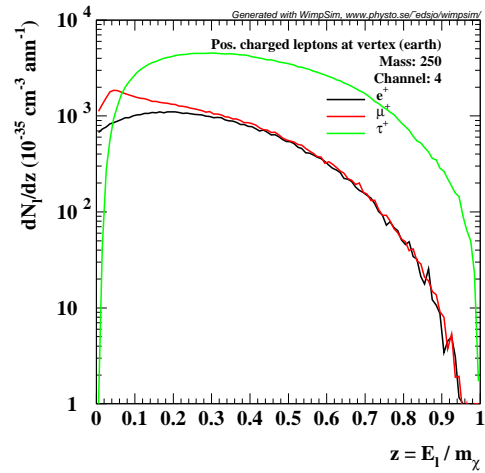
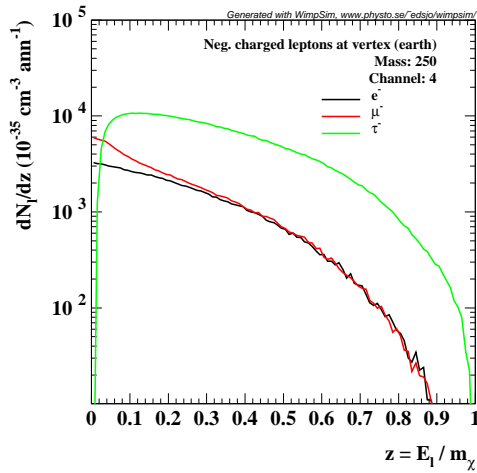




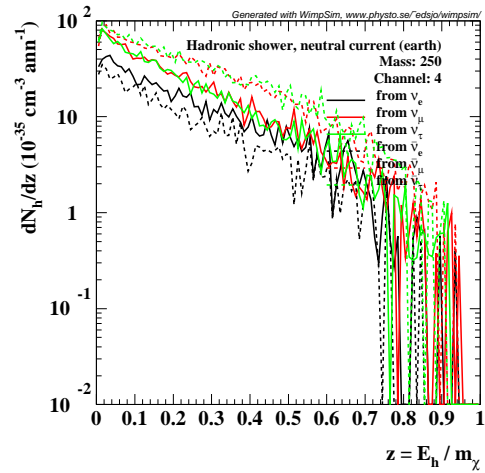
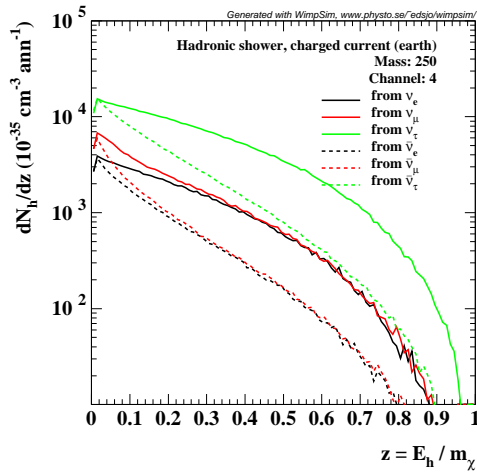
#### 10.4.4 Neutrino fluxes at detector (Earth)



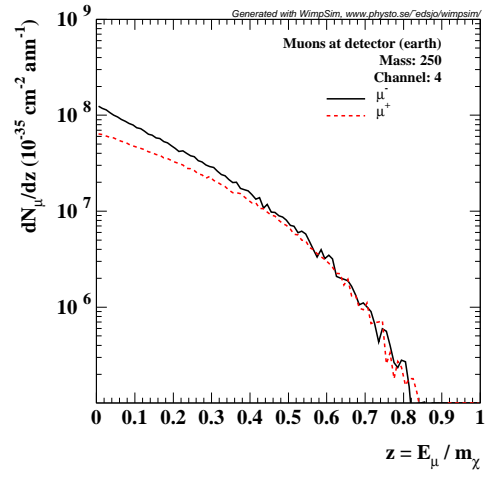
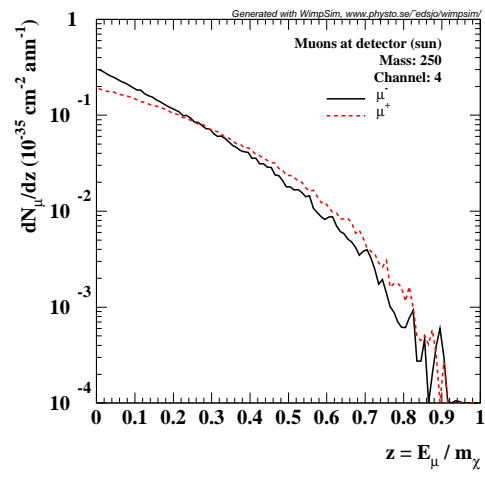
#### 10.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 10.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

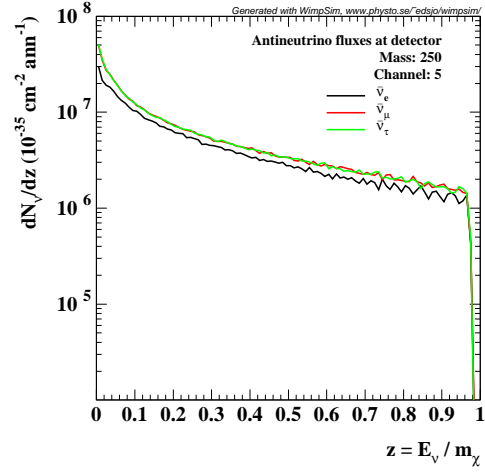
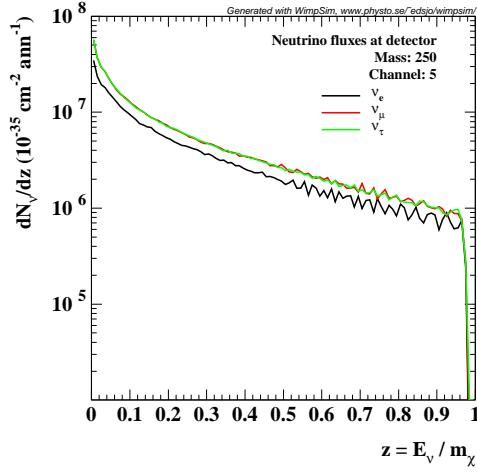


### 10.4.7 Muons at detector (Sun/Earth)

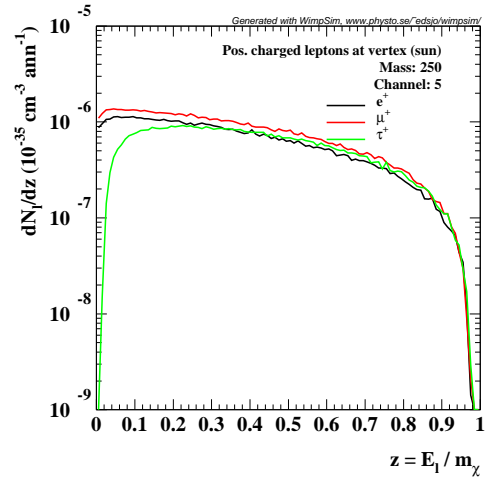
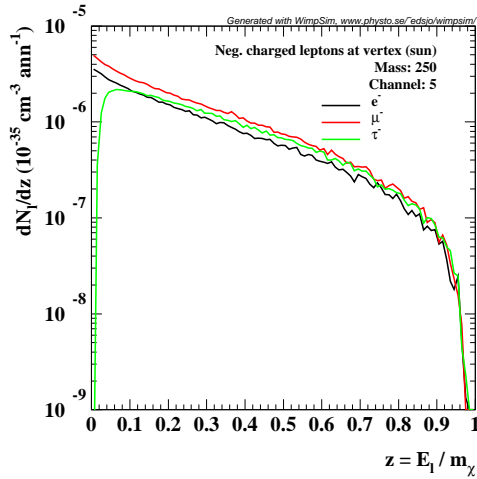


## 10.5 Channel 5 – $W^-W^+$

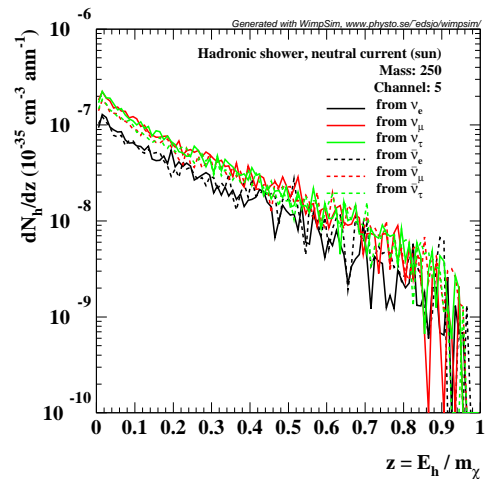
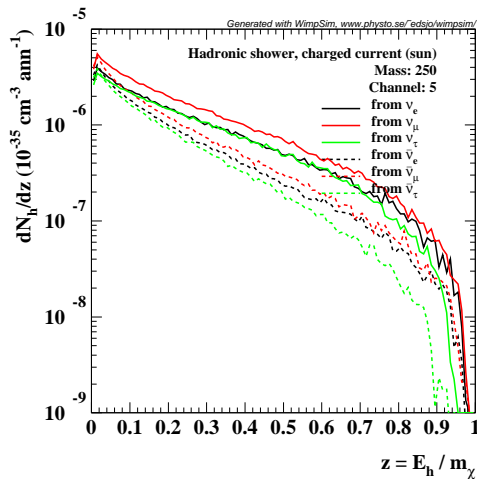
### 10.5.1 Neutrino fluxes at detector (Sun)



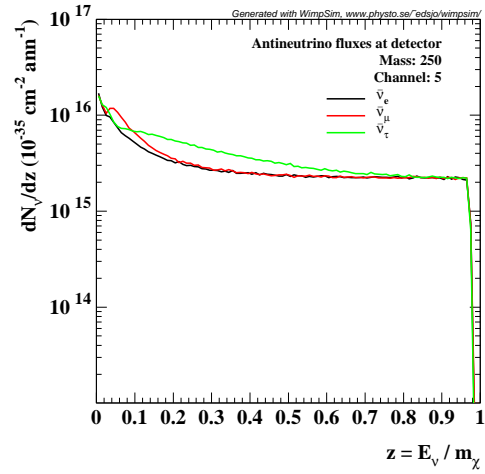
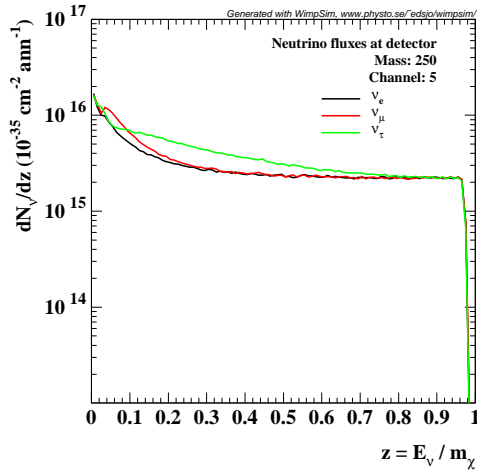
### 10.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



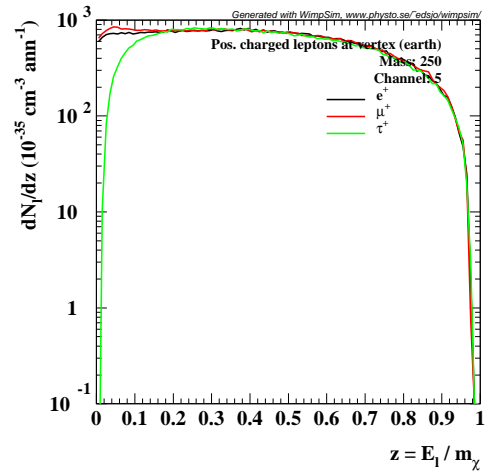
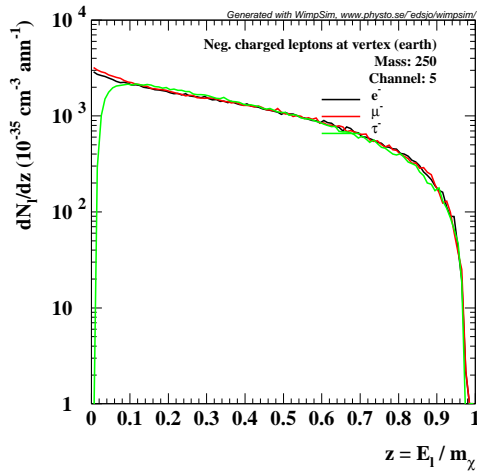
### 10.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



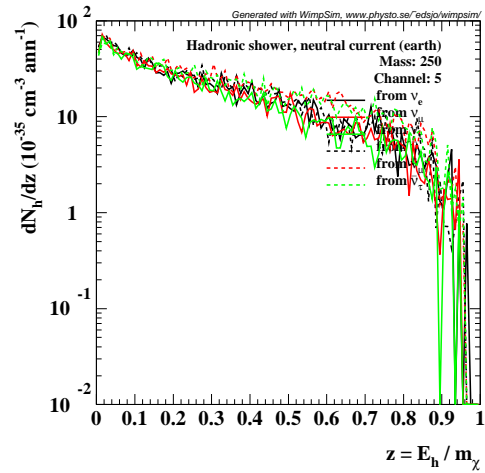
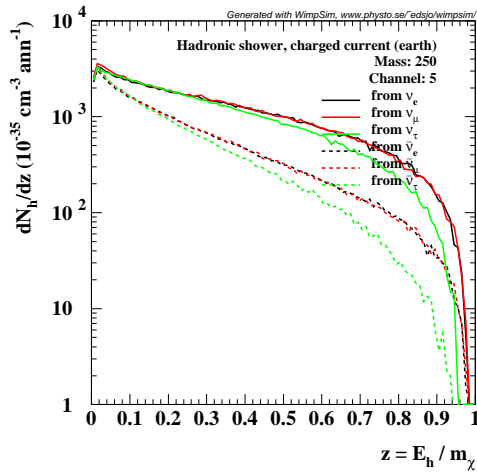
### 10.5.4 Neutrino fluxes at detector (Earth)



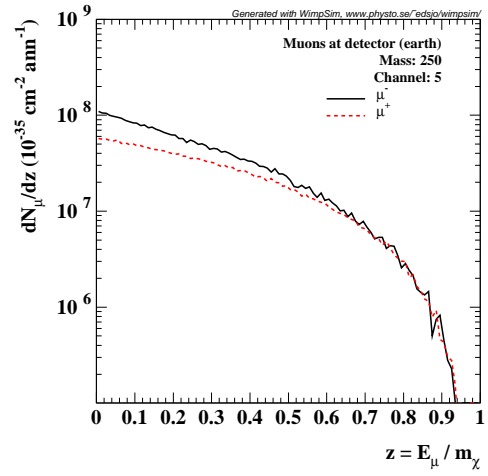
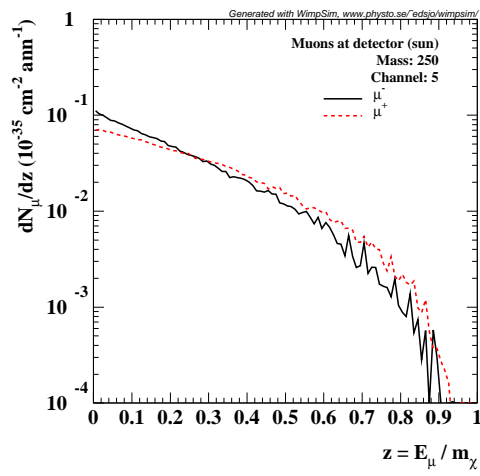
### 10.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 10.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

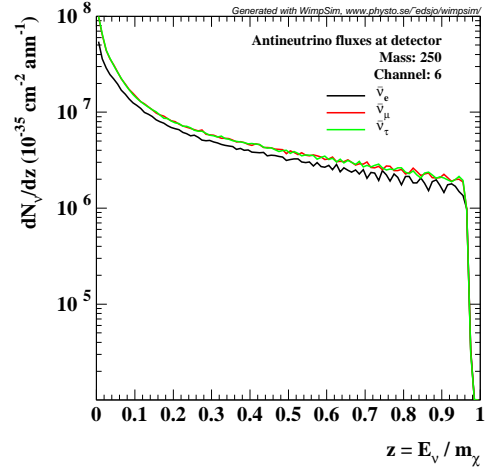
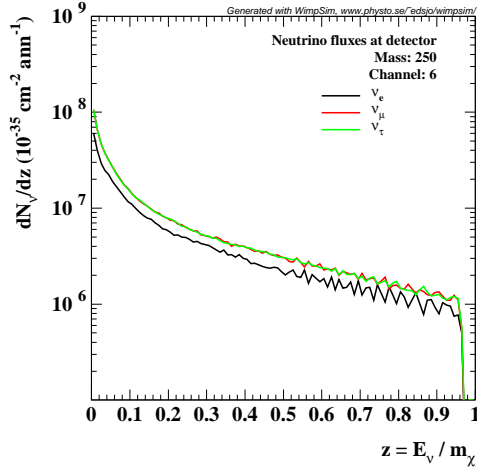


### 10.5.7 Muons at detector (Sun/Earth)

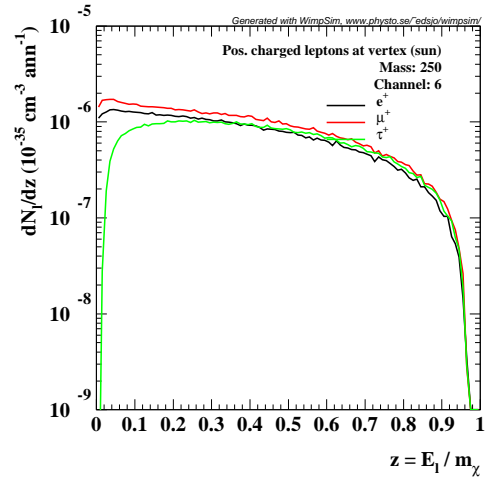
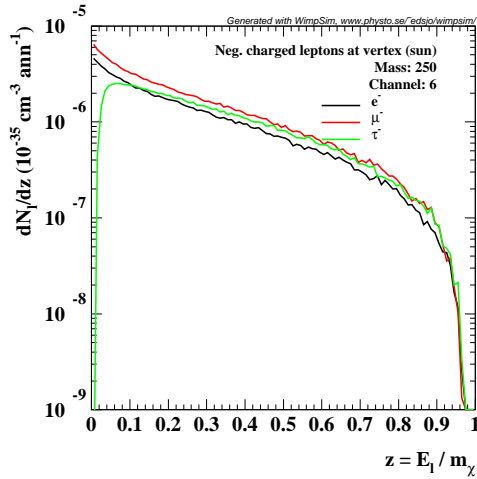


## 10.6 Channel 6 – $Z^0 Z^0$

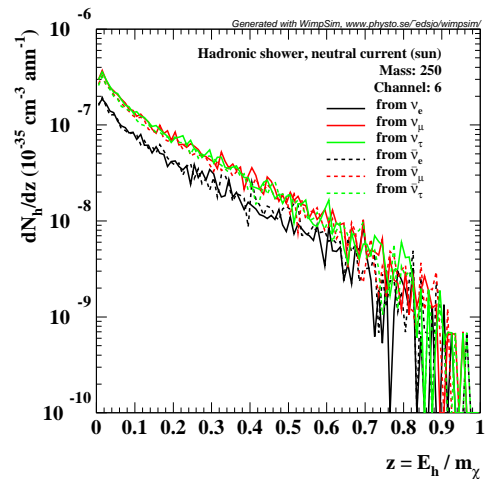
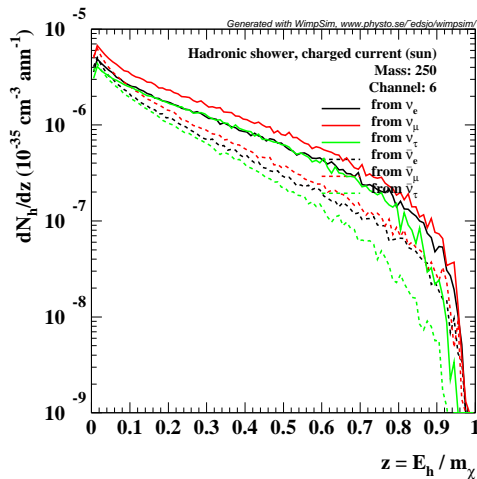
### 10.6.1 Neutrino fluxes at detector (Sun)



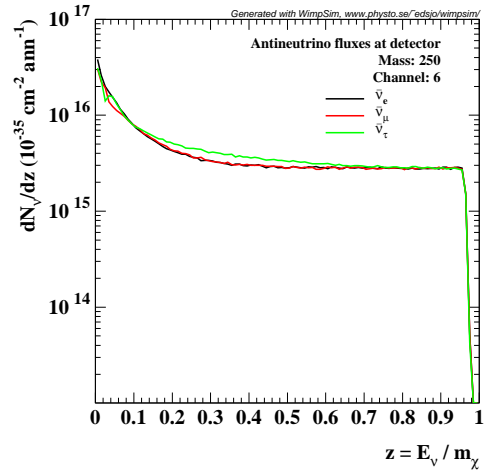
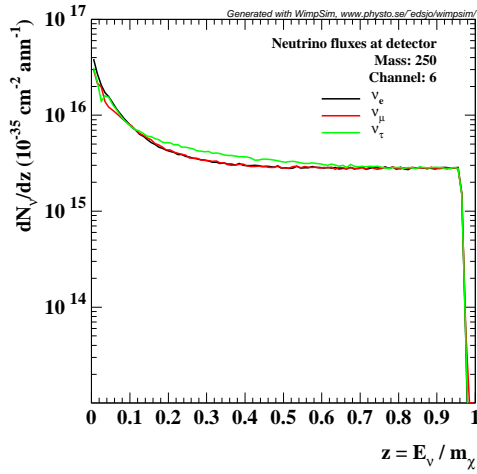
### 10.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



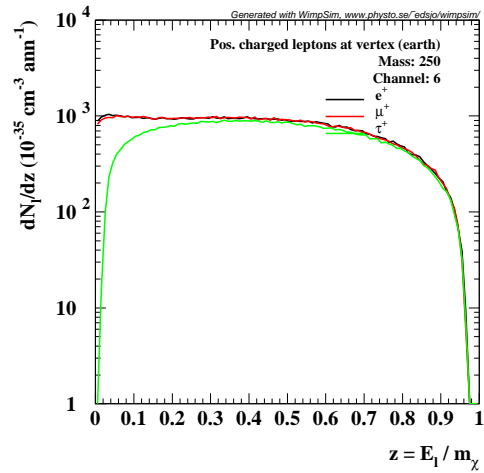
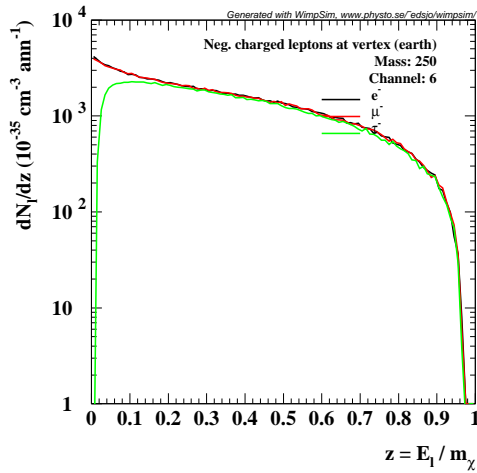
### 10.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



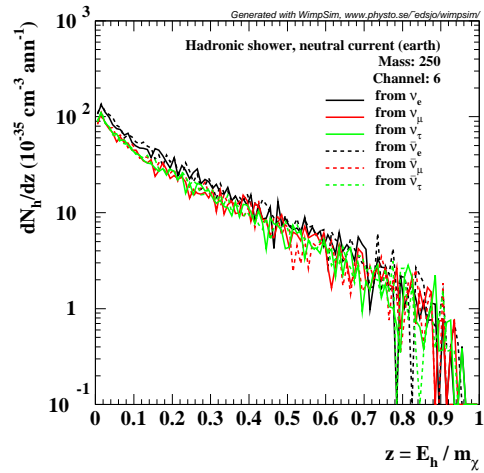
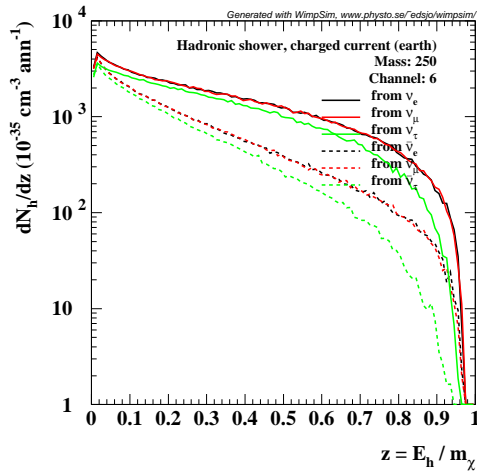
### 10.6.4 Neutrino fluxes at detector (Earth)



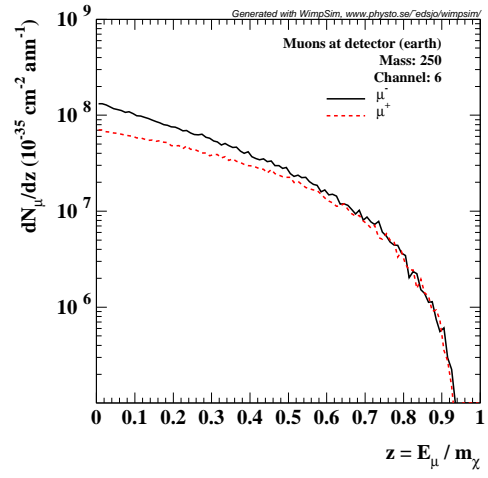
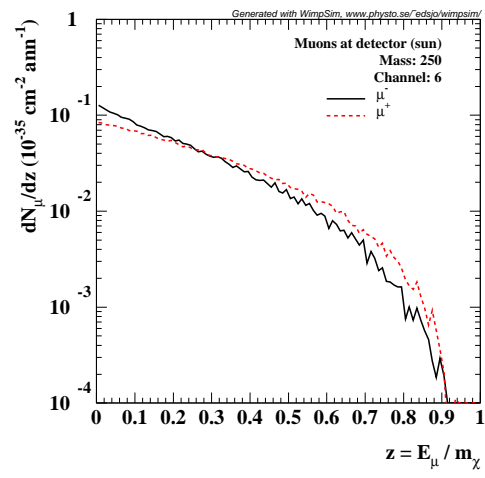
### 10.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 10.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)



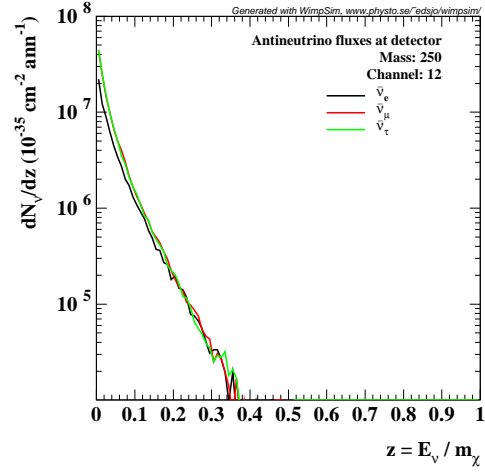
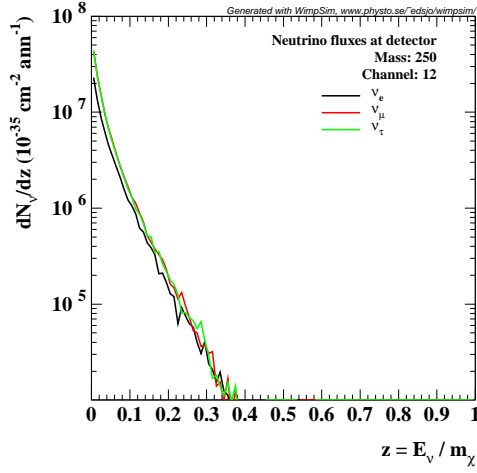
### 10.6.7 Muons at detector (Sun/Earth)



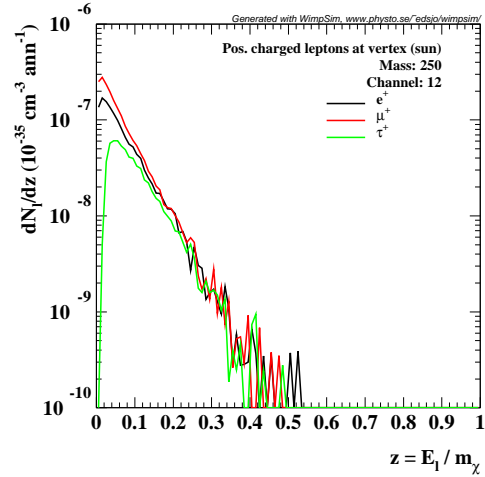
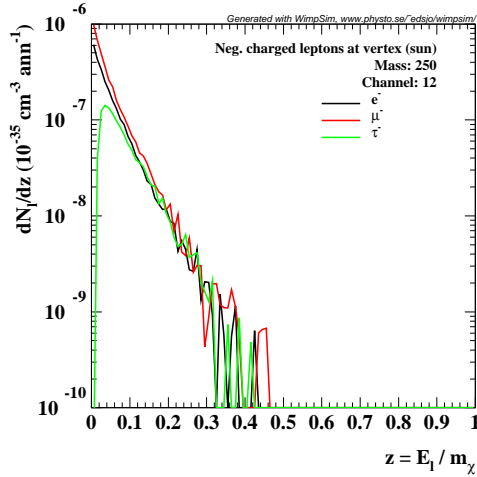


## 10.7 Channel 12 – $gg$

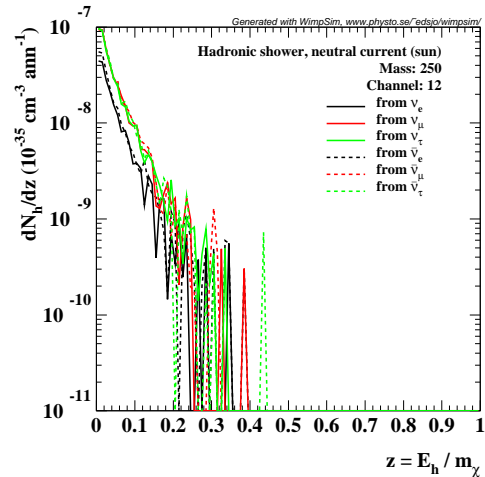
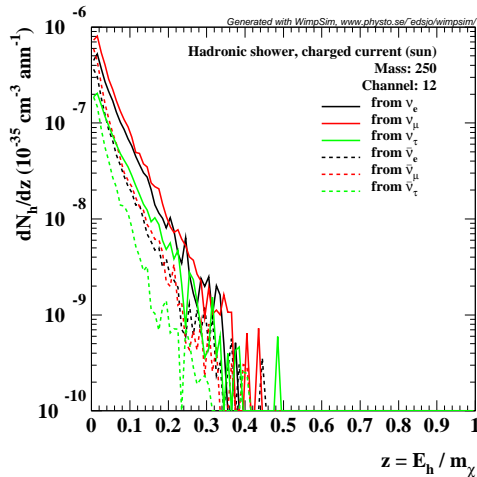
### 10.7.1 Neutrino fluxes at detector (Sun)



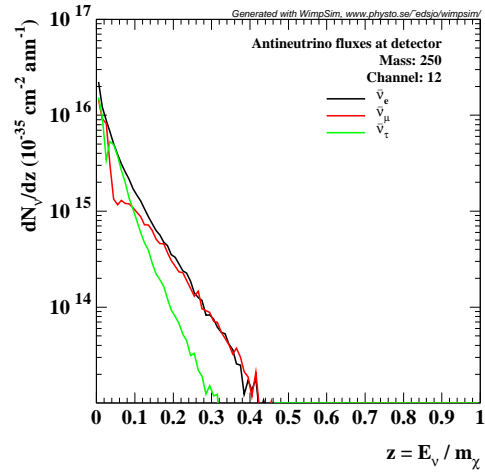
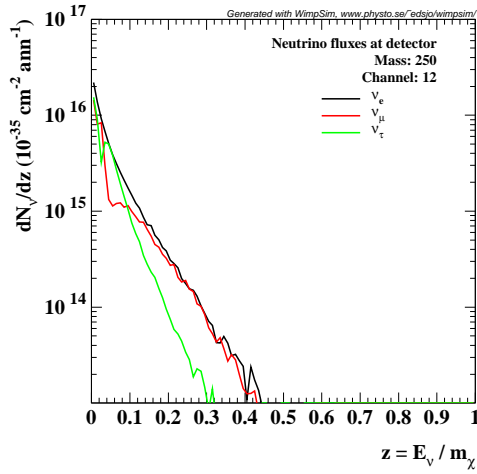
### 10.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



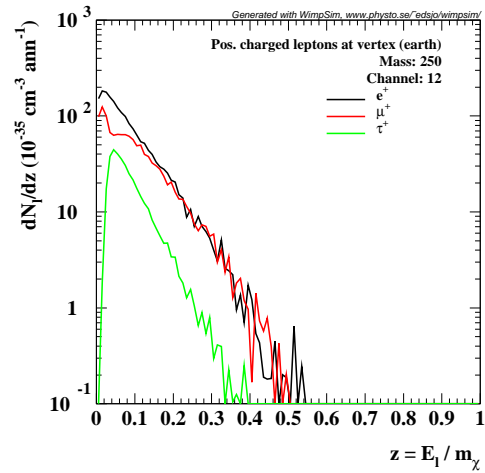
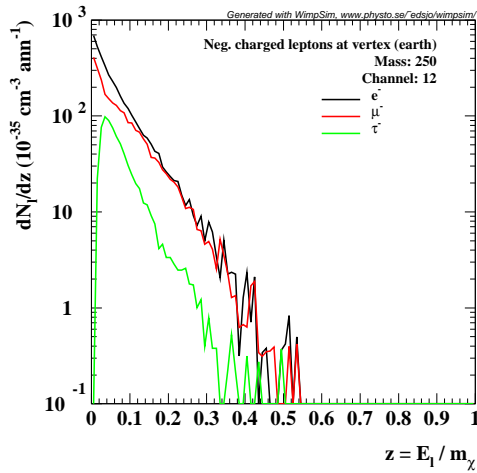
### 10.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



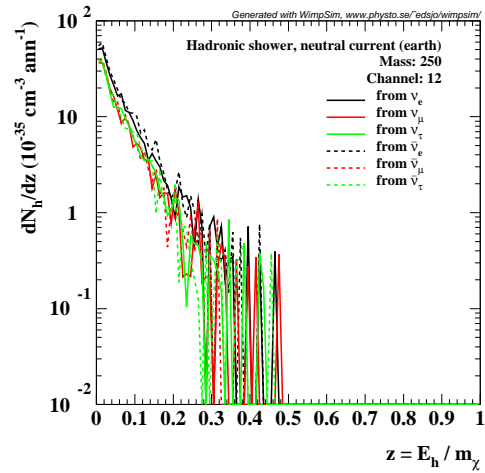
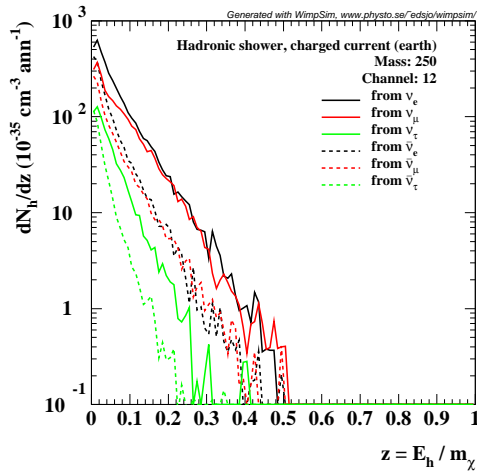
### 10.7.4 Neutrino fluxes at detector (Earth)



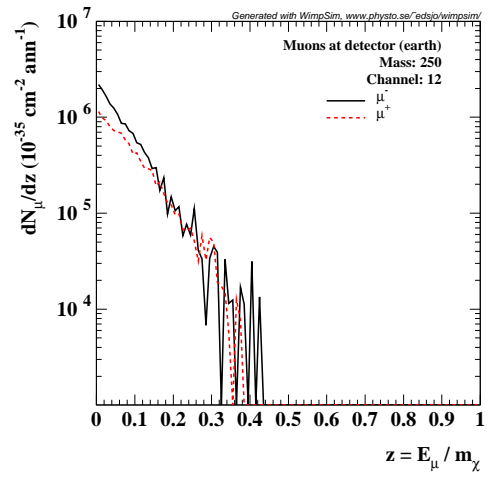
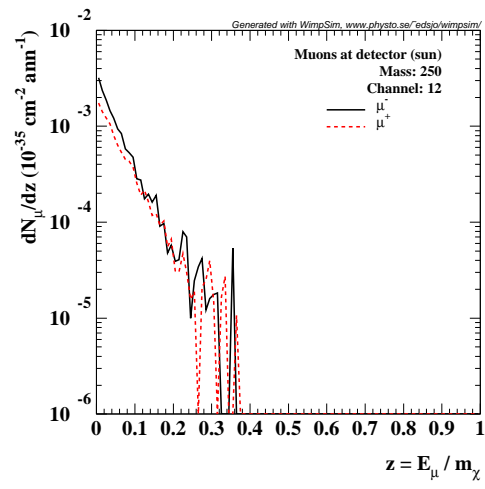
### 10.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 10.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)

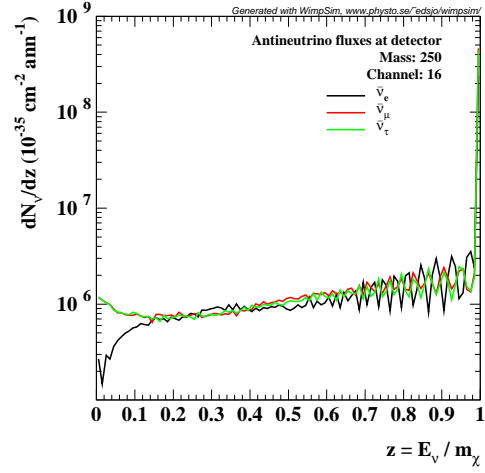
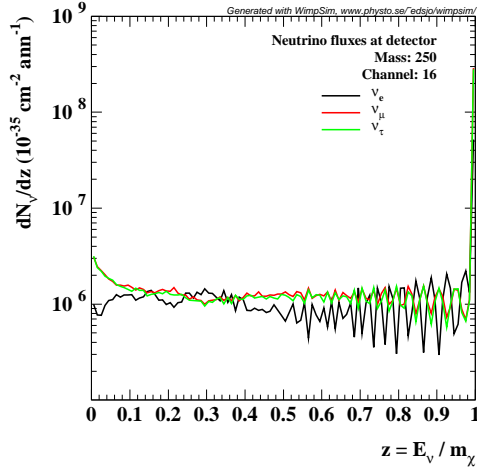


### 10.7.7 Muons at detector (Sun/Earth)

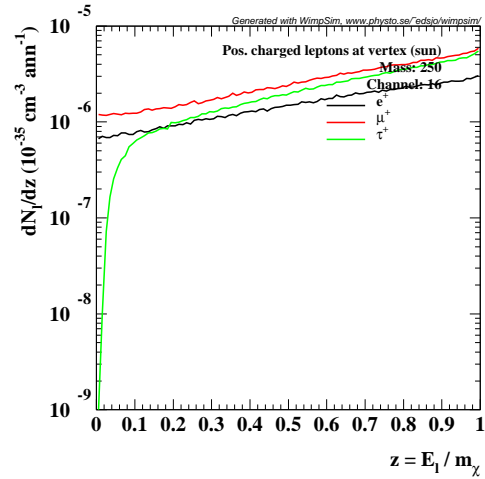
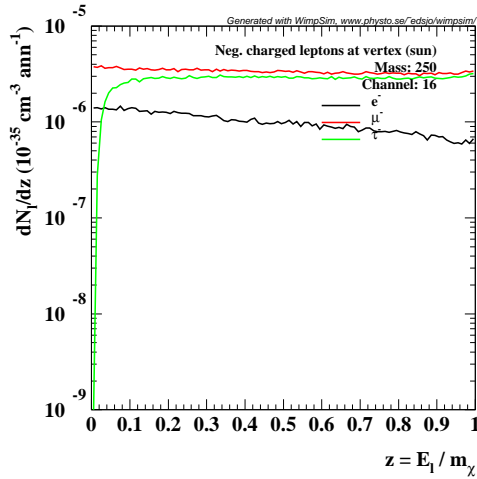


## 10.8 Channel 16 – $\nu_e \bar{\nu}_e$

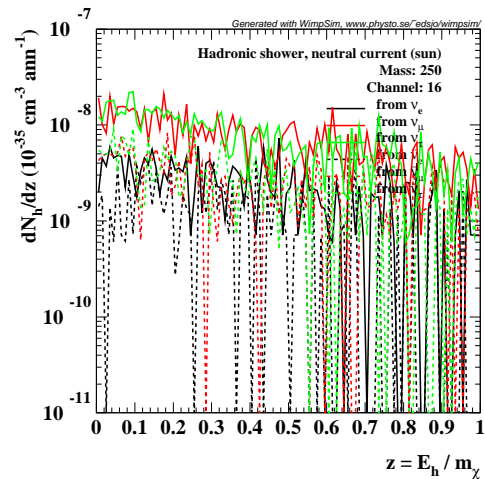
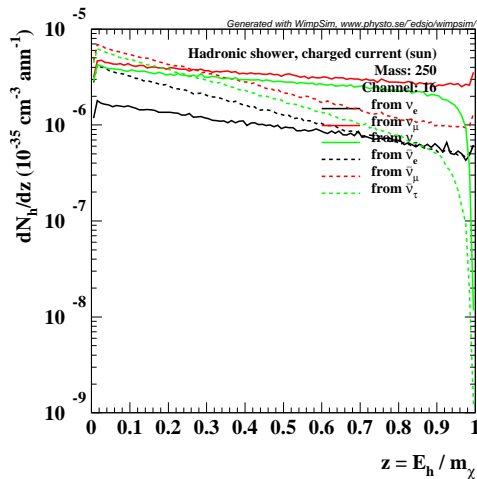
### 10.8.1 Neutrino fluxes at detector (Sun)



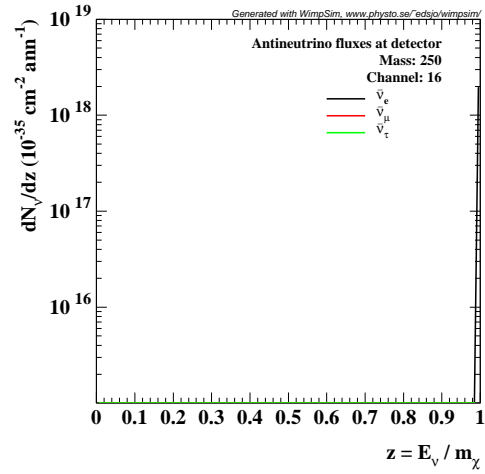
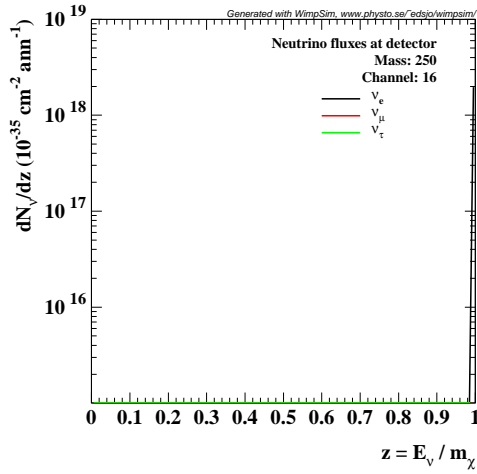
### 10.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



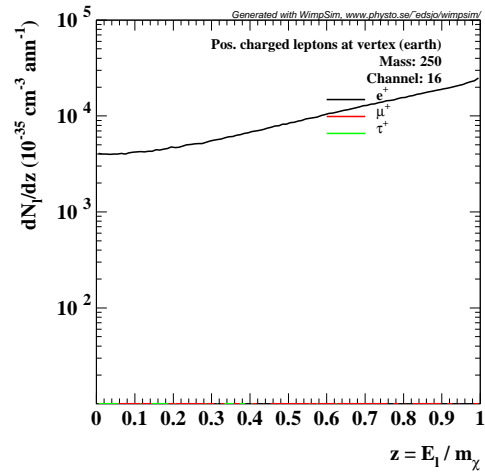
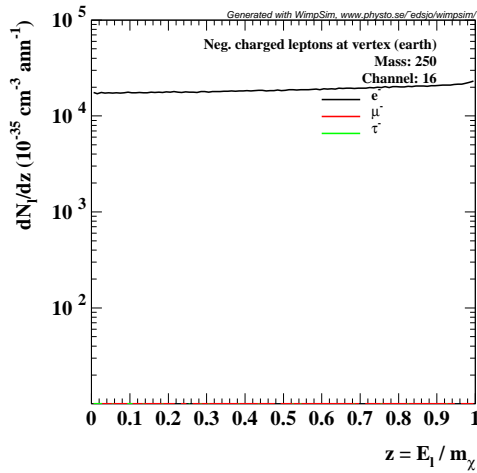
### 10.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



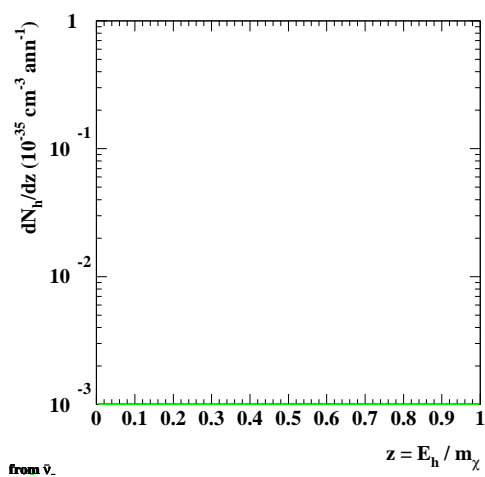
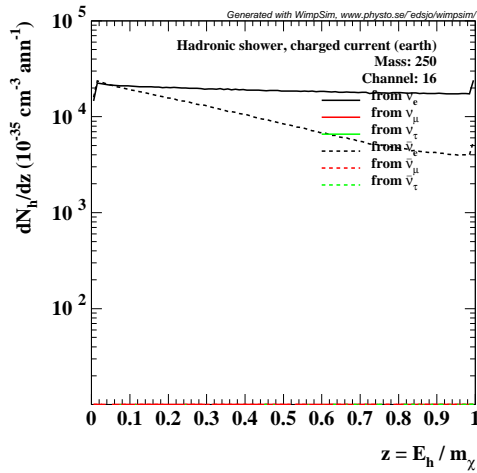
### 10.8.4 Neutrino fluxes at detector (Earth)



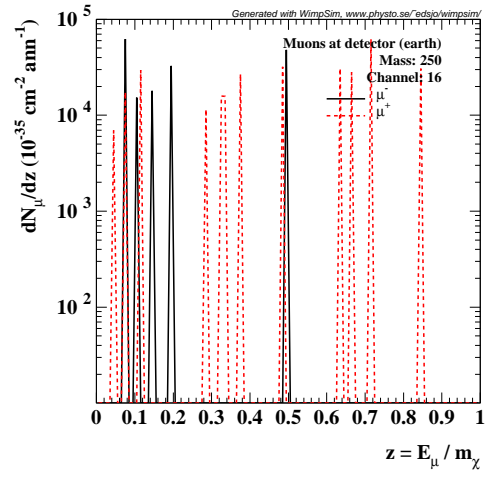
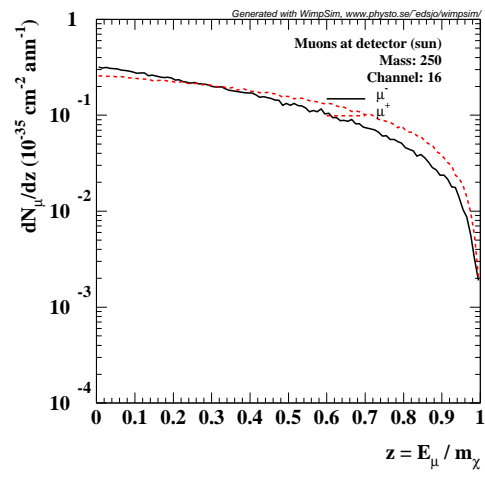
### 10.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 10.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)

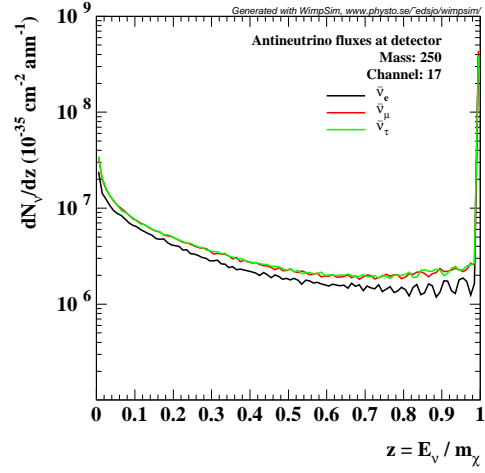
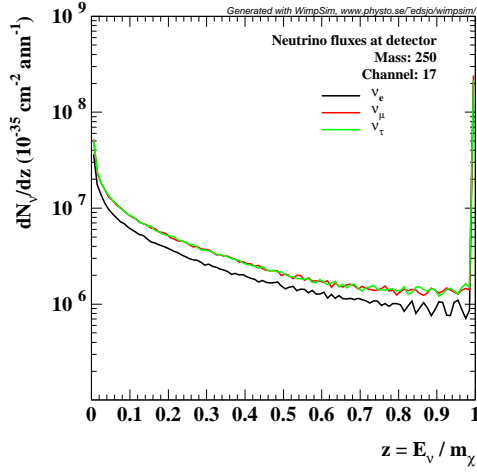


### 10.8.7 Muons at detector (Sun/Earth)

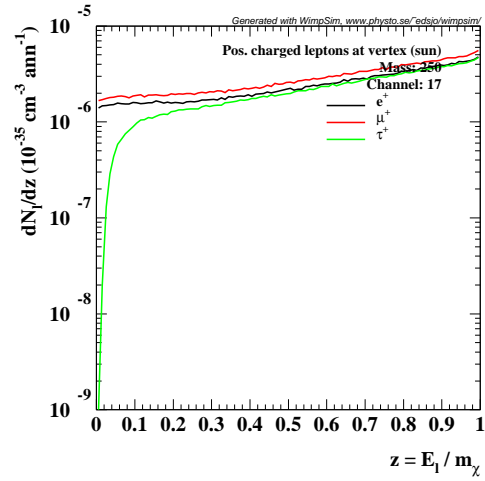
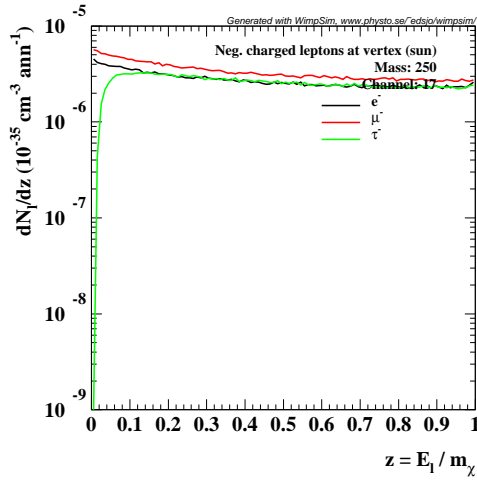


## 10.9 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

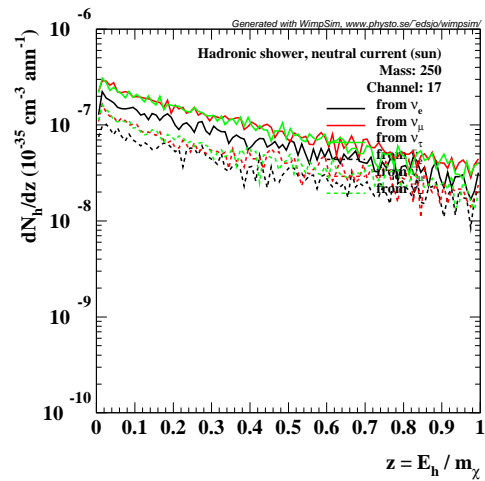
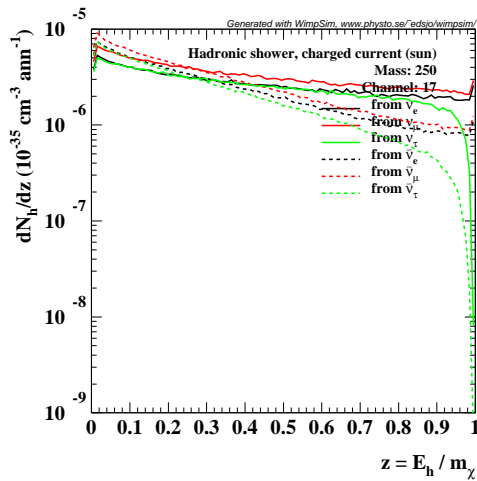
### 10.9.1 Neutrino fluxes at detector (Sun)



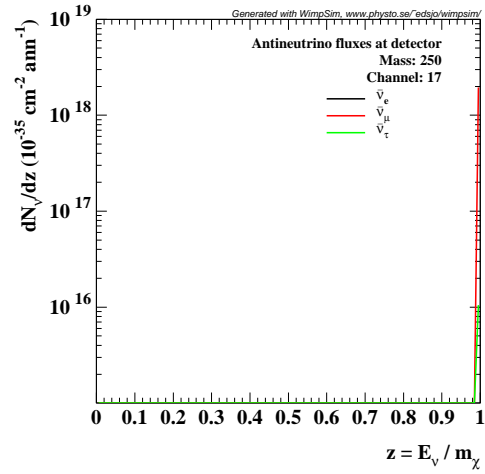
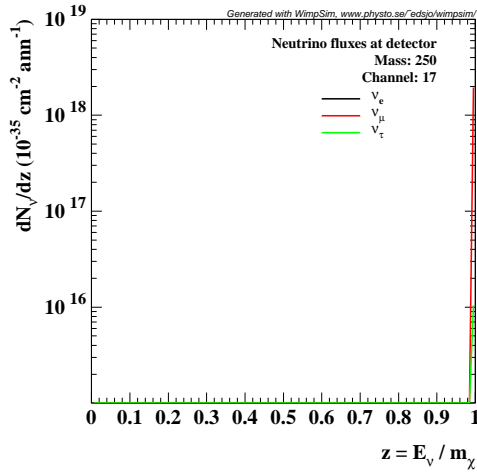
### 10.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



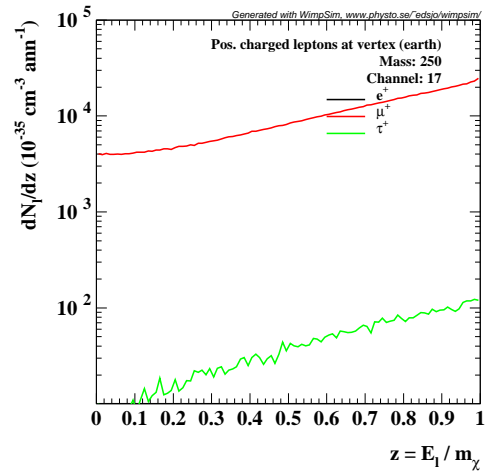
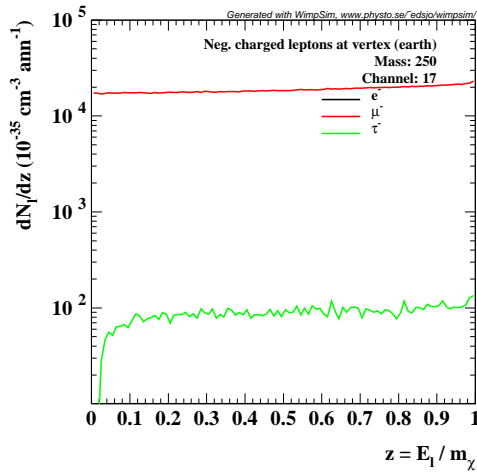
### 10.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



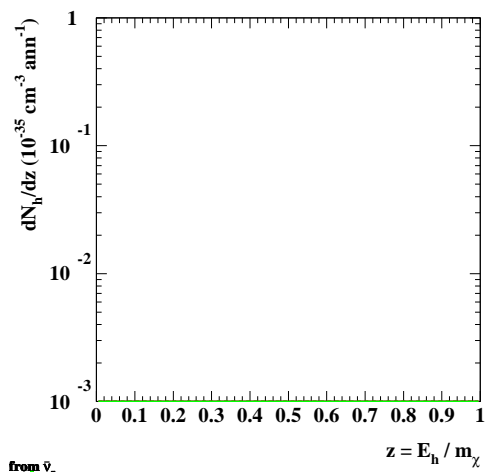
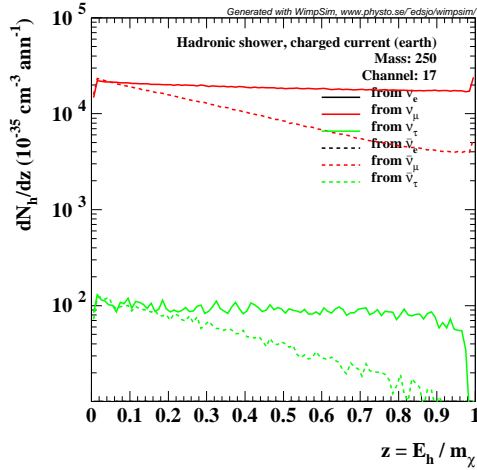
### 10.9.4 Neutrino fluxes at detector (Earth)



### 10.9.5 Charged leptons at neutrino-nucleon vertex (Earth)

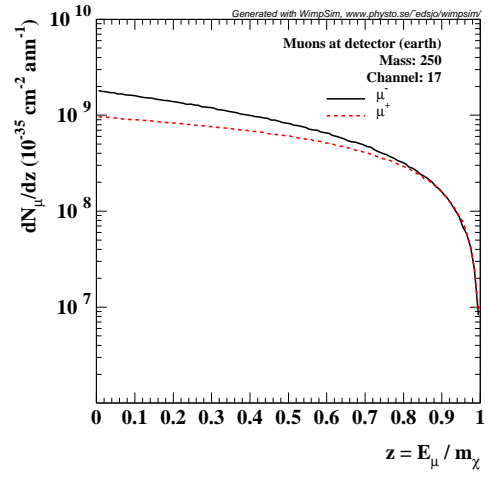
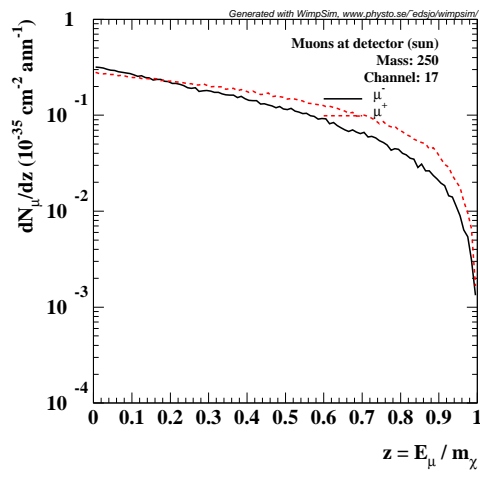


### 10.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)



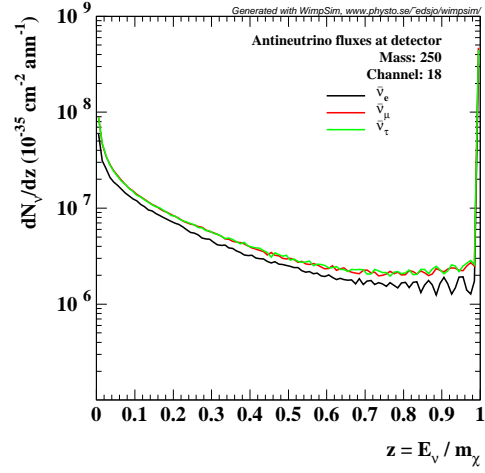
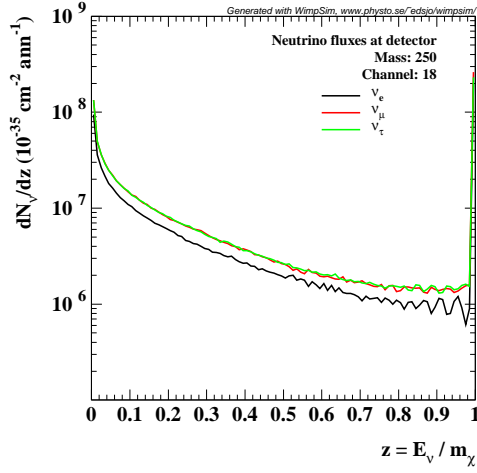


### 10.9.7 Muons at detector (Sun/Earth)

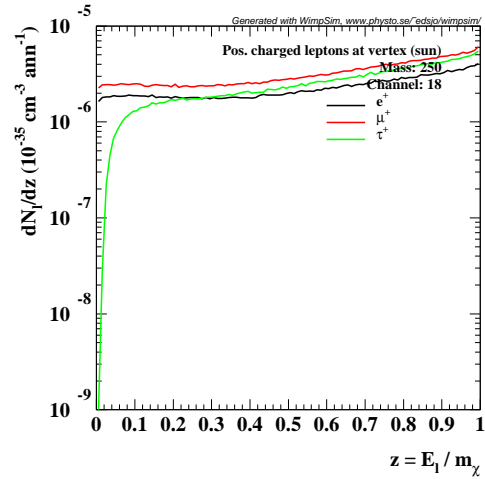
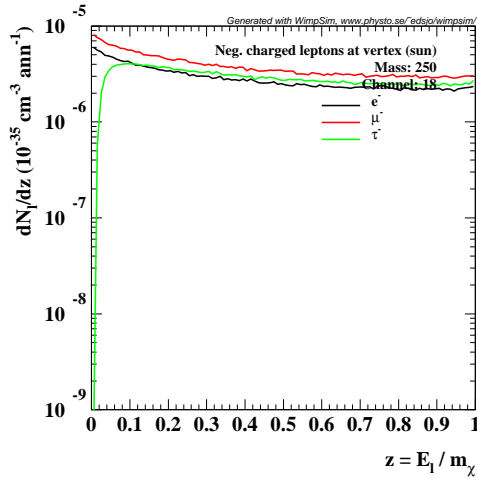


## 10.10 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

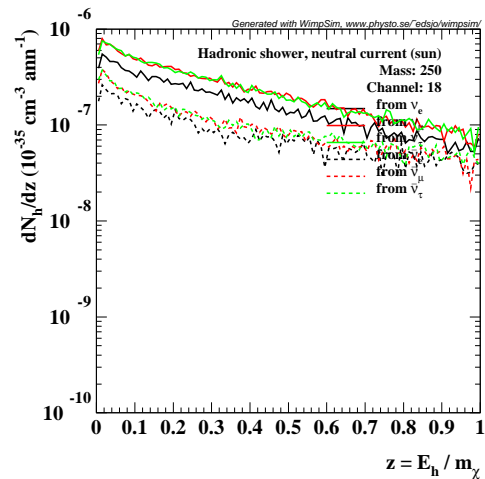
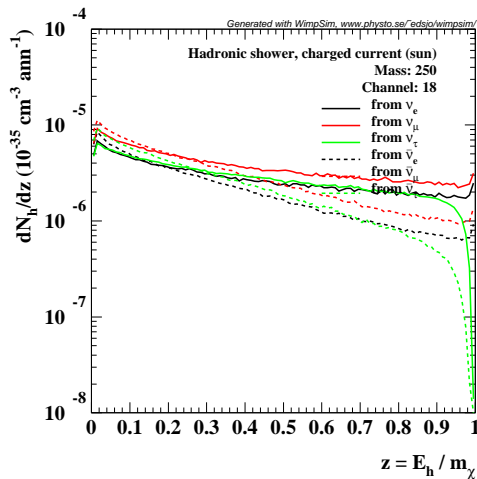
### 10.10.1 Neutrino fluxes at detector (Sun)



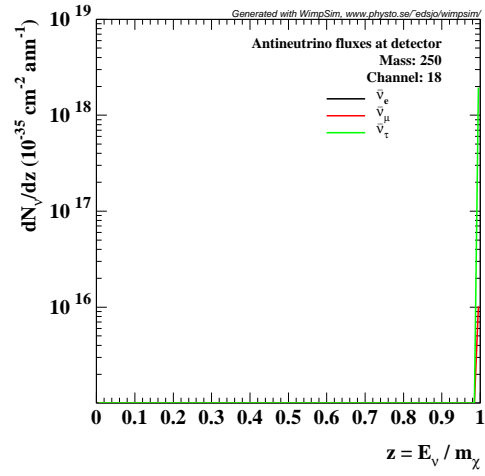
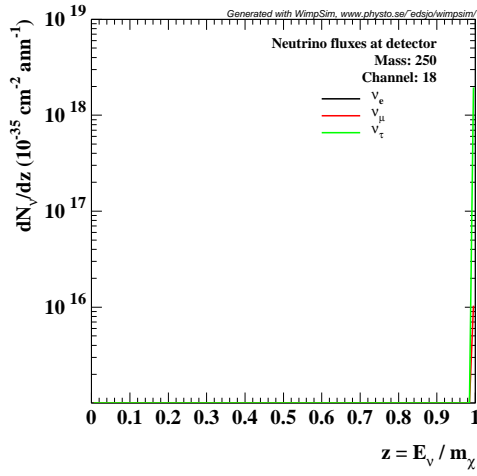
### 10.10.2 Charged leptons at neutrino-nucleon vertex (Sun)



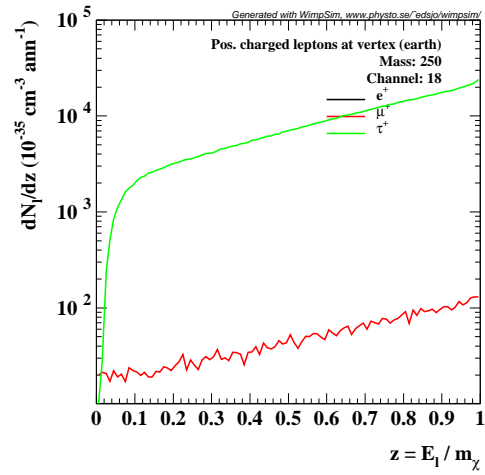
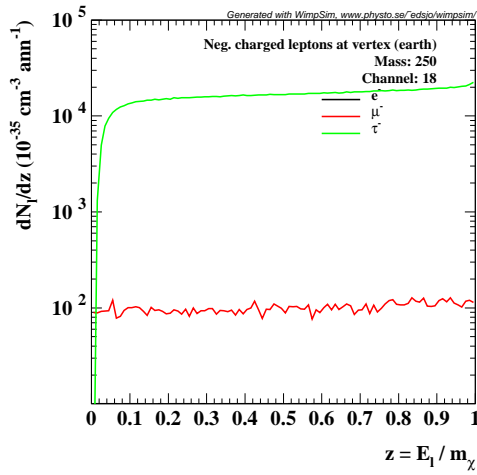
### 10.10.3 Hadronic shower at neutrino-nucleon vertex (Sun)



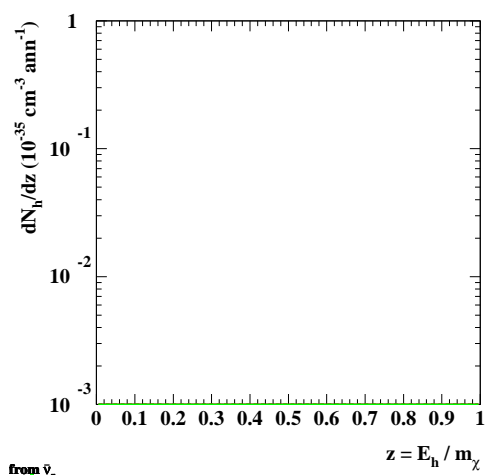
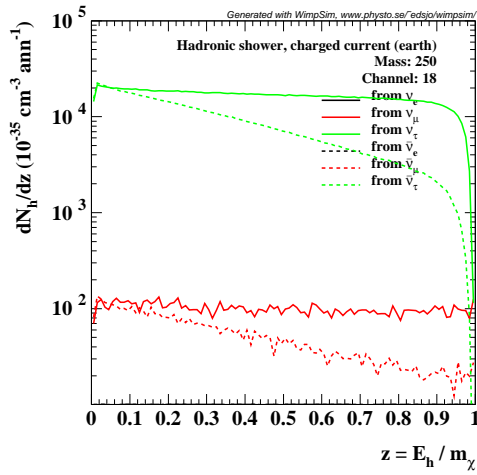
### 10.10.4 Neutrino fluxes at detector (Earth)



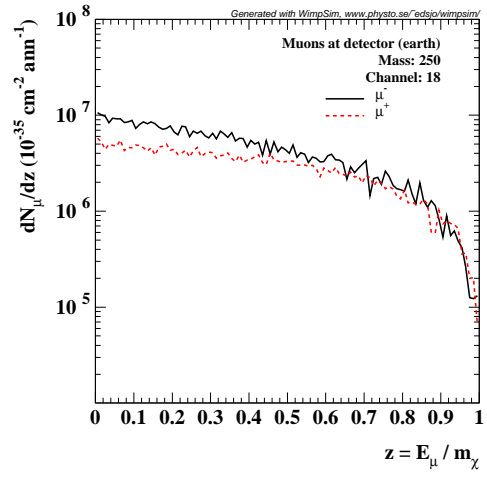
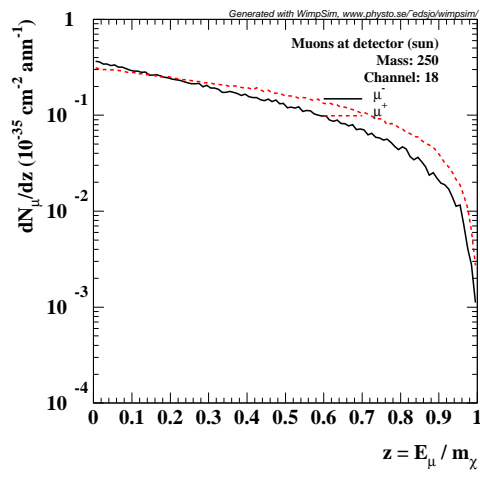
### 10.10.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 10.10.6 Hadronic shower at neutrino-nucleon vertex (Earth)



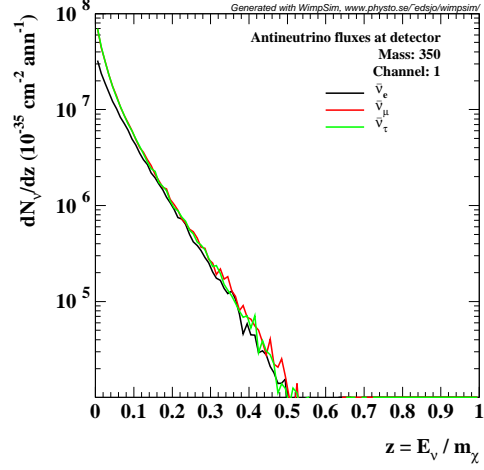
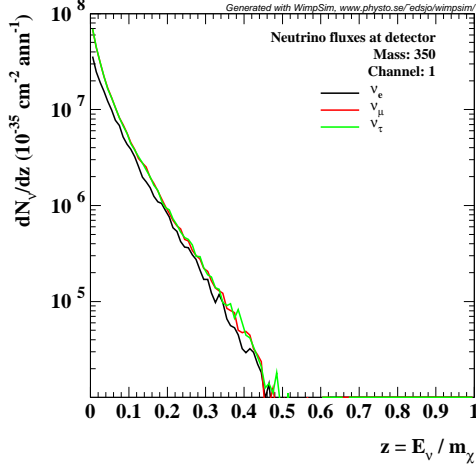
### 10.10.7 Muons at detector (Sun/Earth)



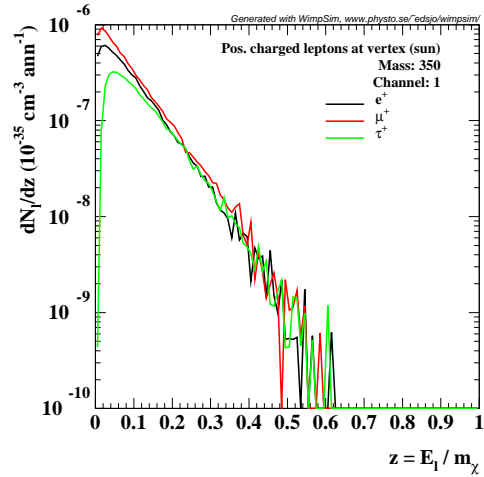
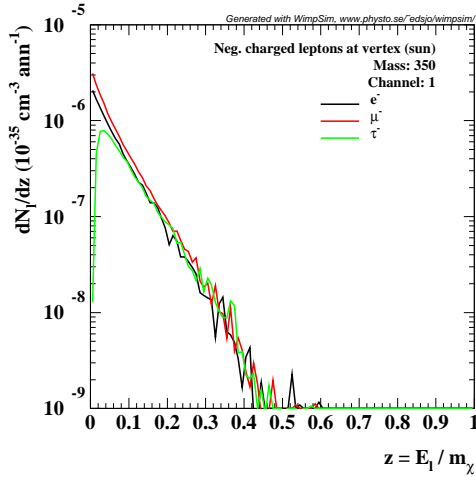
# 11 Mass 350

## 11.1 Channel 1 – $c\bar{c}$

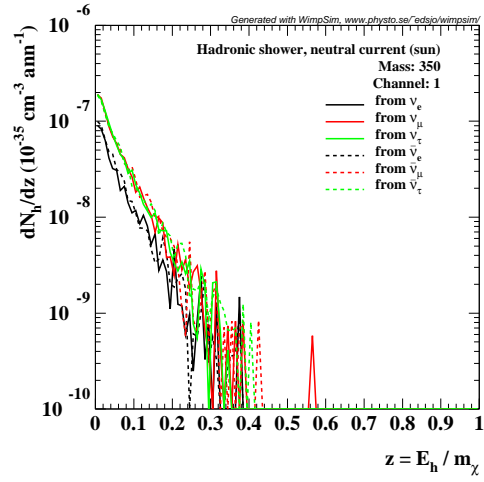
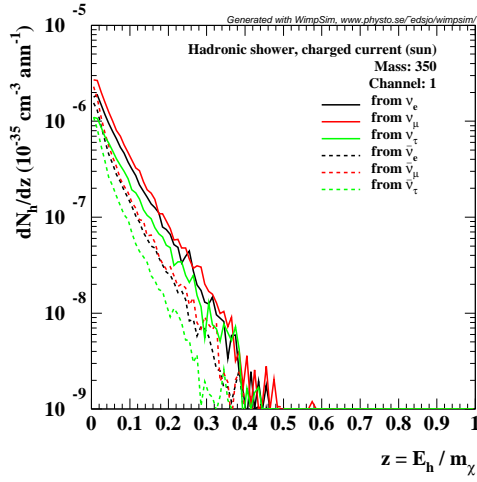
### 11.1.1 Neutrino fluxes at detector (Sun)



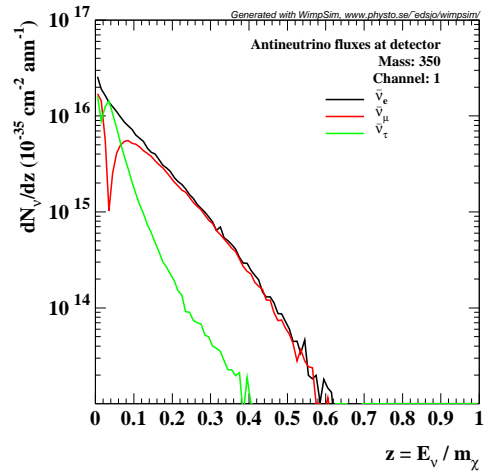
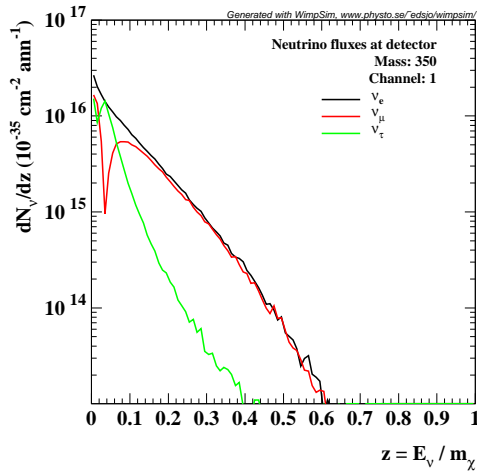
### 11.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



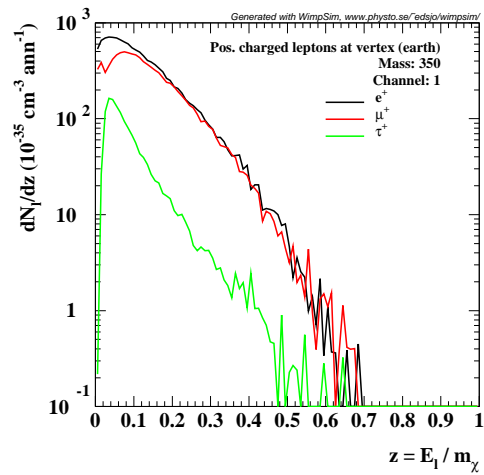
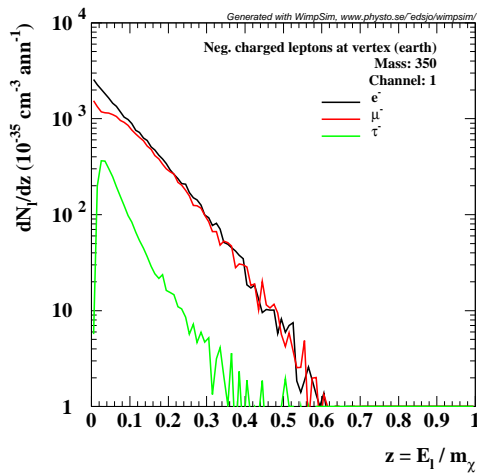
### 11.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



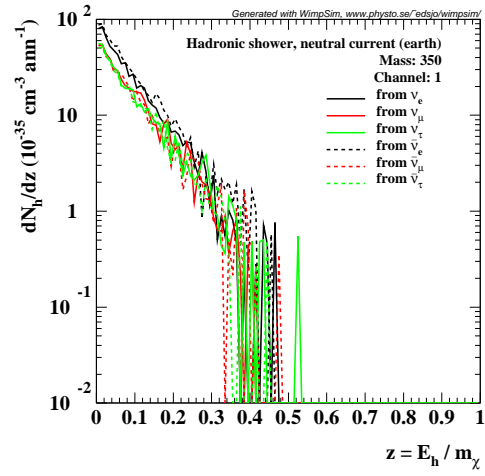
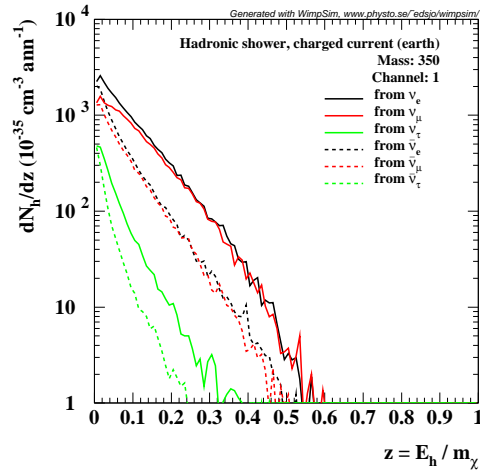
### 11.1.4 Neutrino fluxes at detector (Earth)



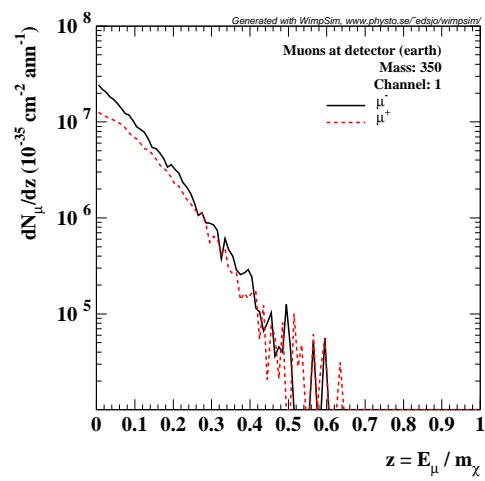
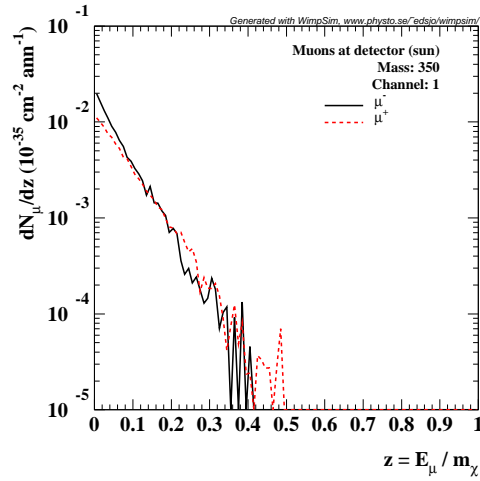
### 11.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 11.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

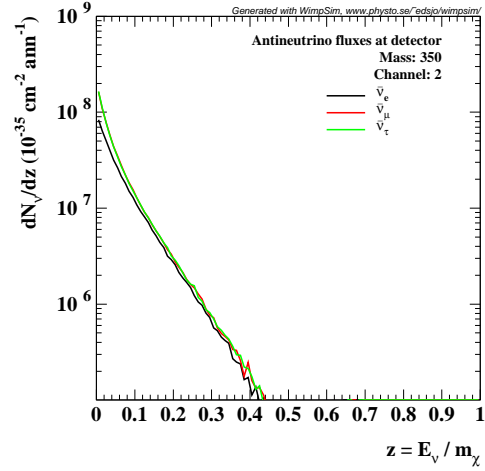
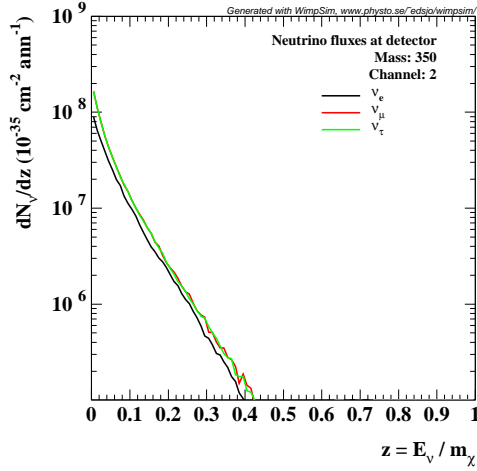


### 11.1.7 Muons at detector (Sun/Earth)

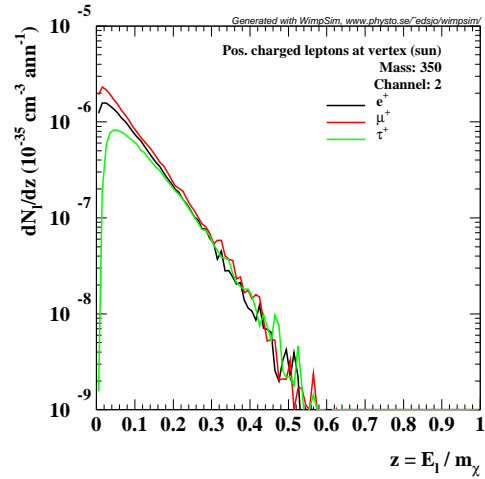
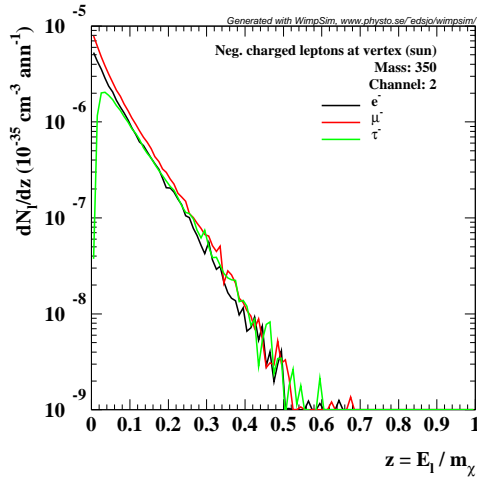


## 11.2 Channel 2 – $b\bar{b}$

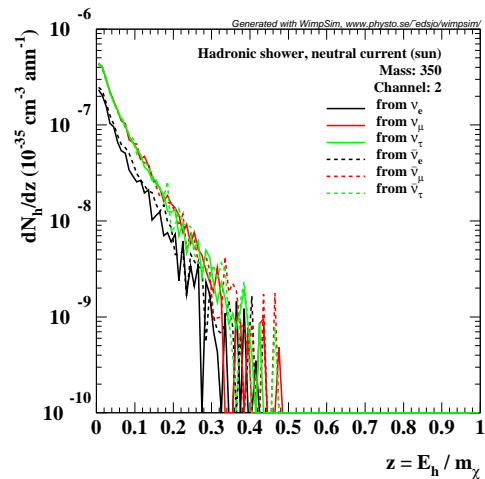
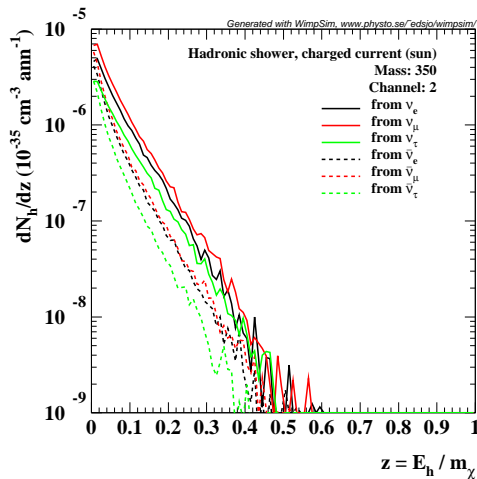
### 11.2.1 Neutrino fluxes at detector (Sun)



### 11.2.2 Charged leptons at neutrino-nucleon vertex (Sun)

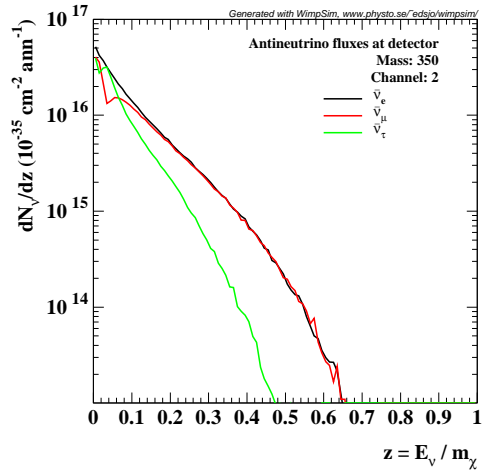
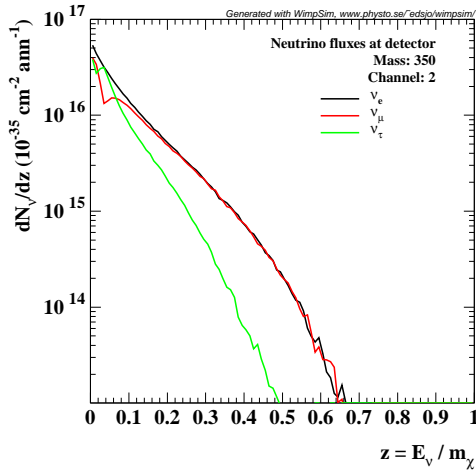


### 11.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)

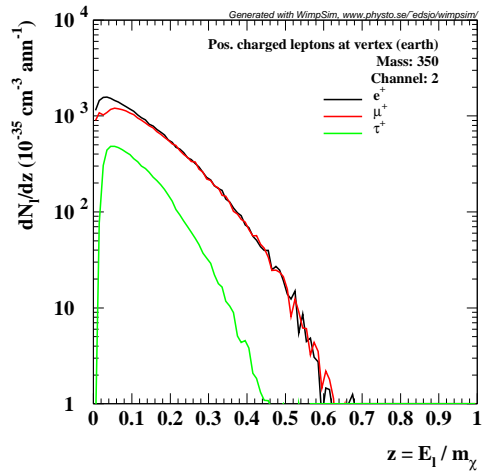
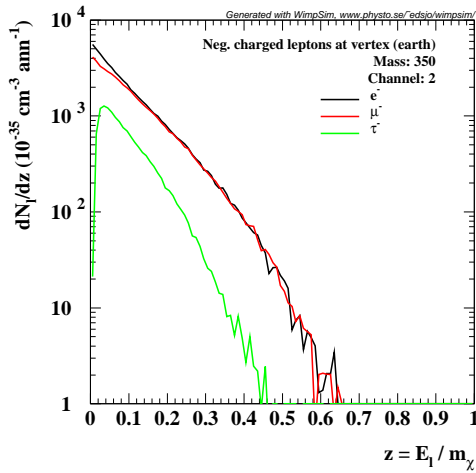




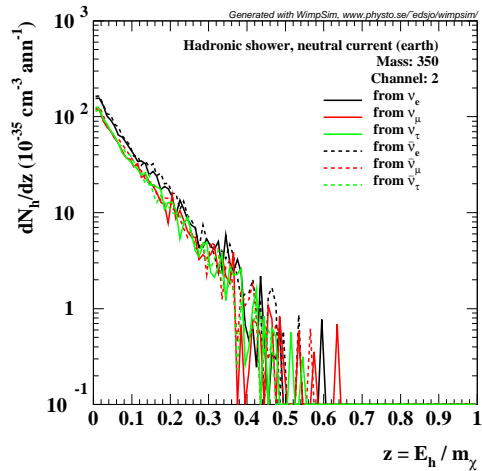
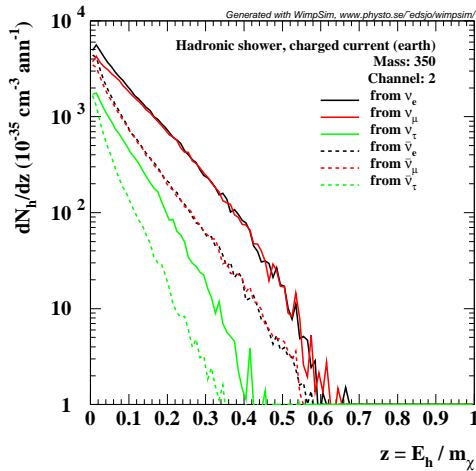
### 11.2.4 Neutrino fluxes at detector (Earth)



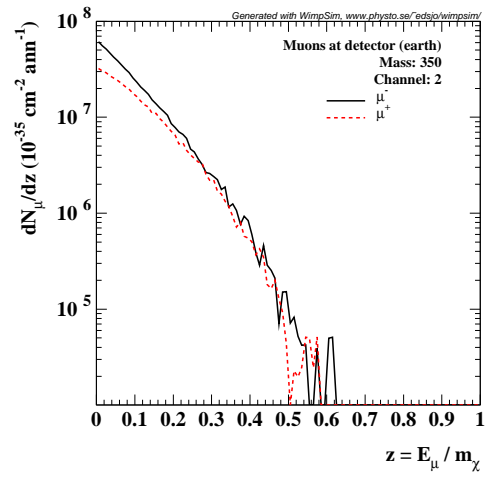
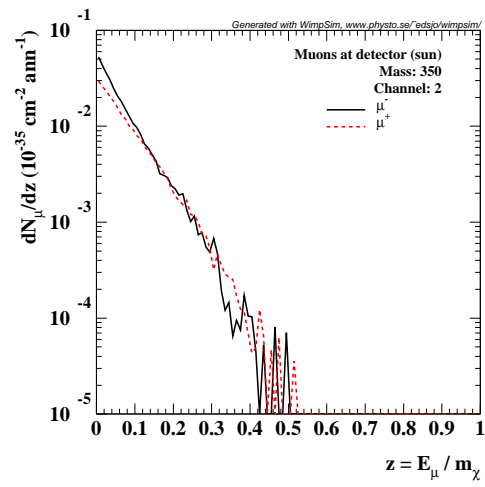
### 11.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 11.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

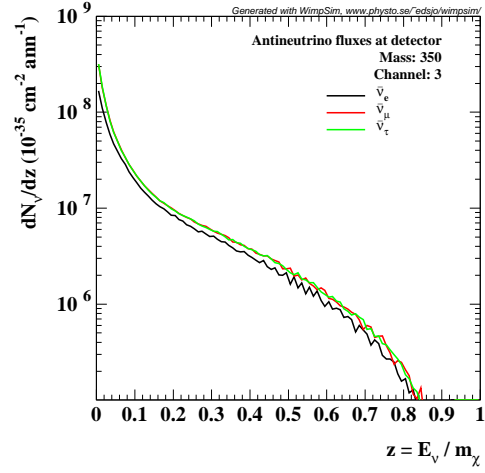
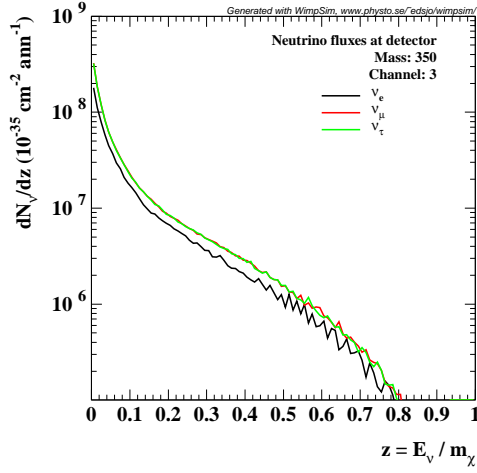


### 11.2.7 Muons at detector (Sun/Earth)

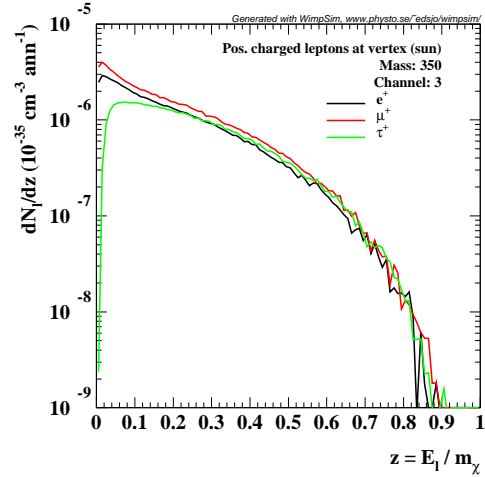
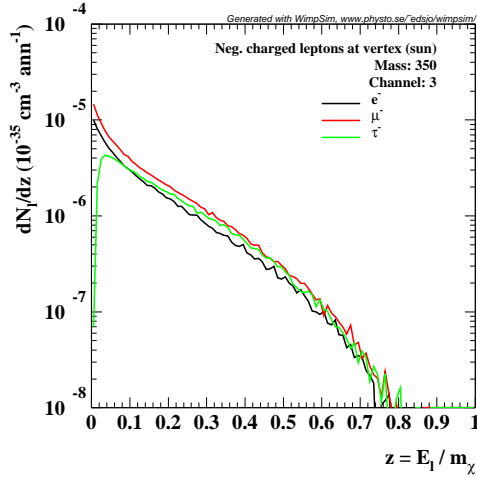


### 11.3 Channel 3 – $t\bar{t}$

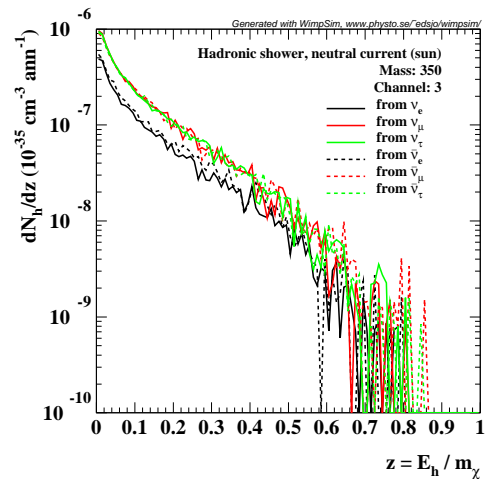
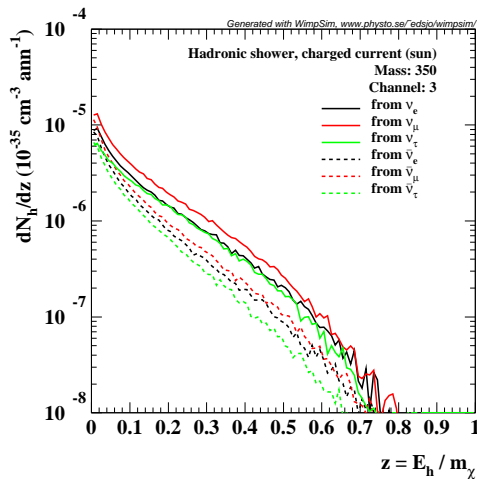
#### 11.3.1 Neutrino fluxes at detector (Sun)



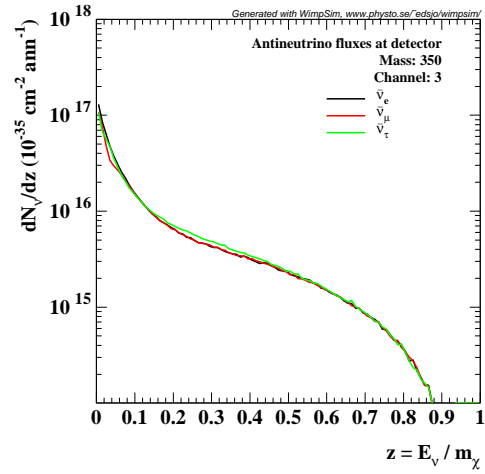
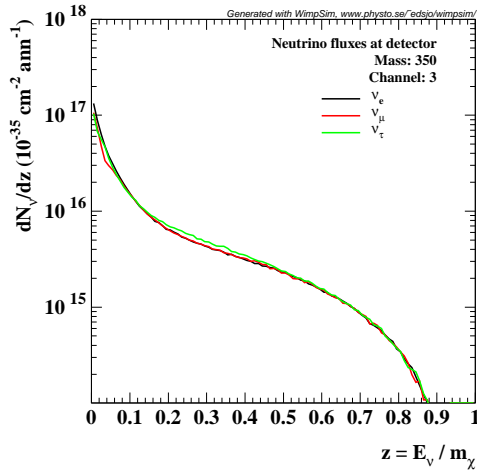
#### 11.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



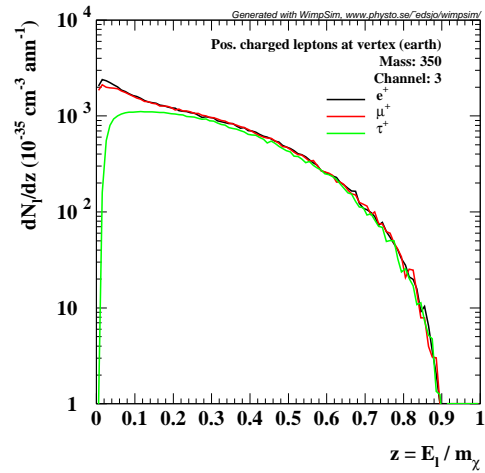
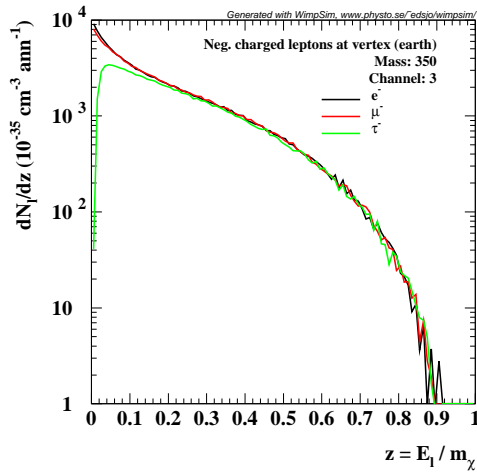
#### 11.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



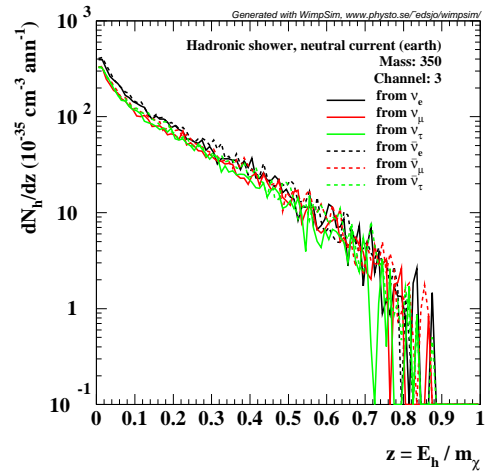
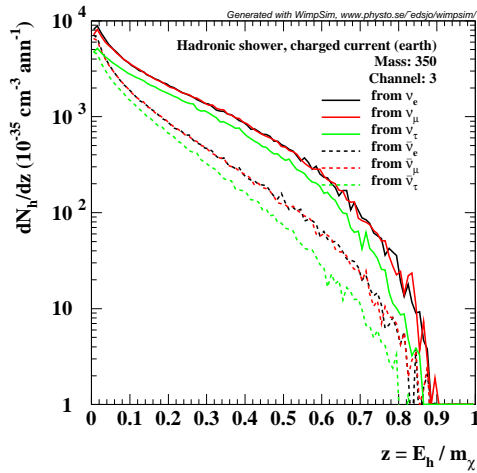
### 11.3.4 Neutrino fluxes at detector (Earth)



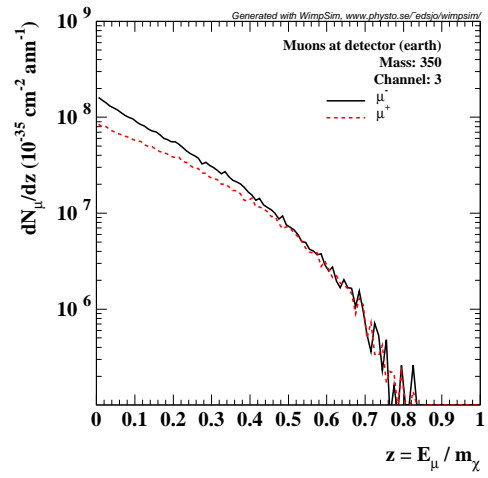
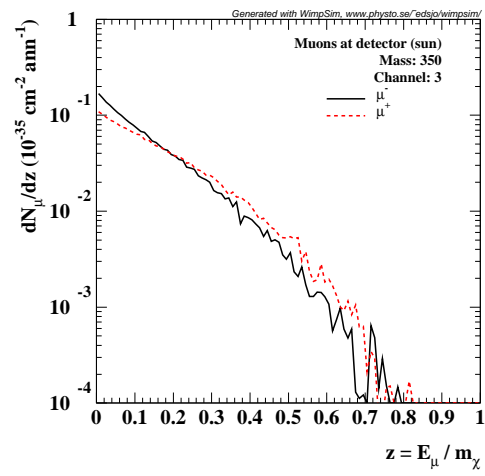
### 11.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 11.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

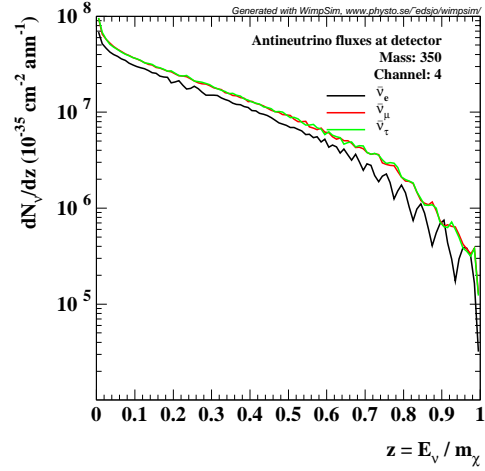
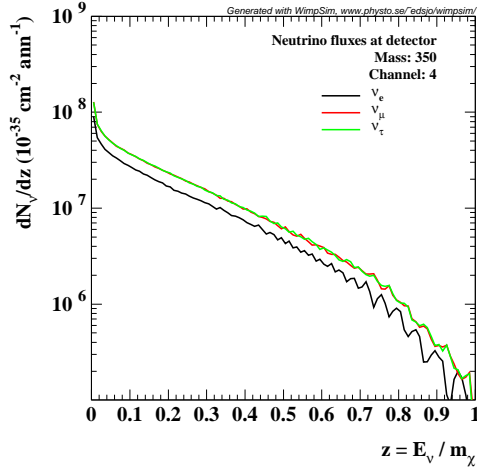


### 11.3.7 Muons at detector (Sun/Earth)

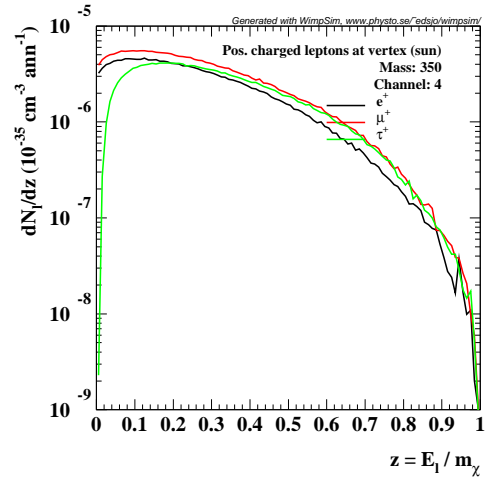
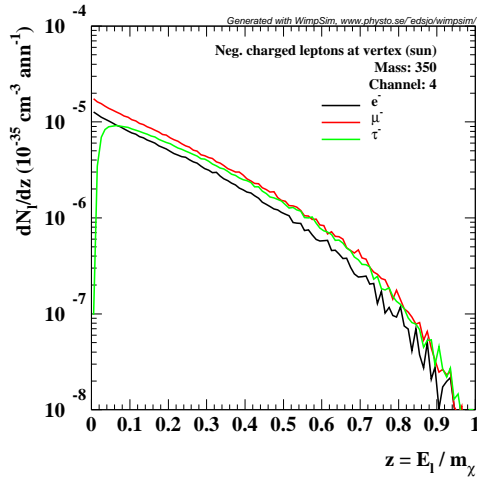


## 11.4 Channel 4 – $\tau^- \tau^+$

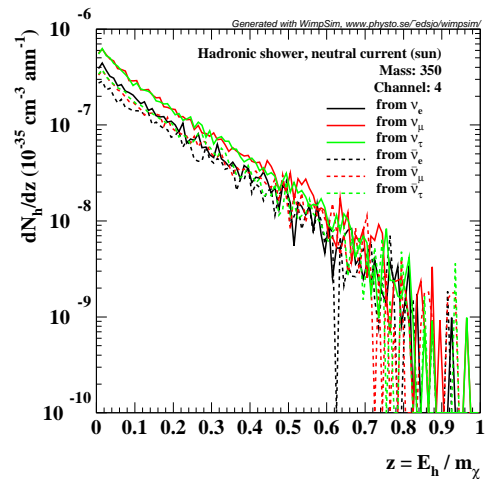
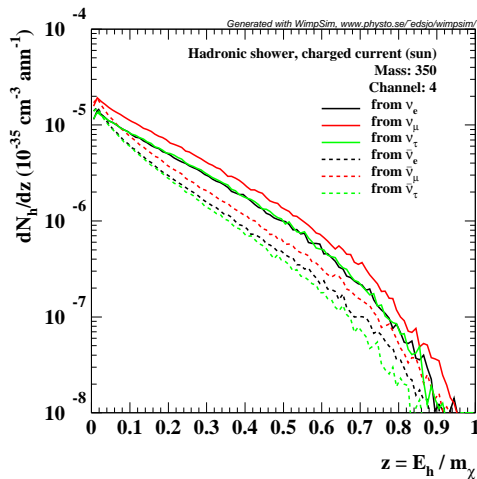
### 11.4.1 Neutrino fluxes at detector (Sun)



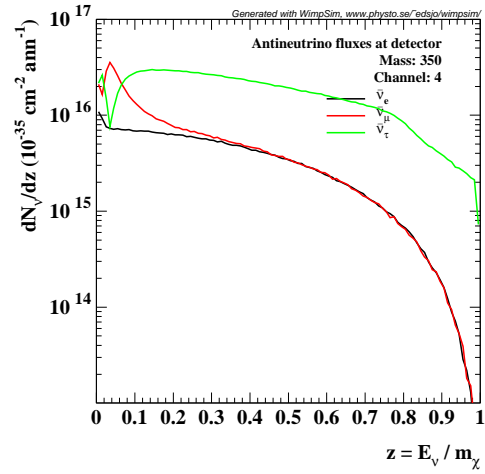
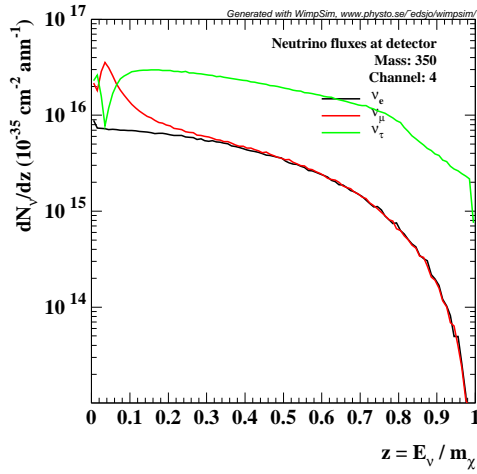
### 11.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



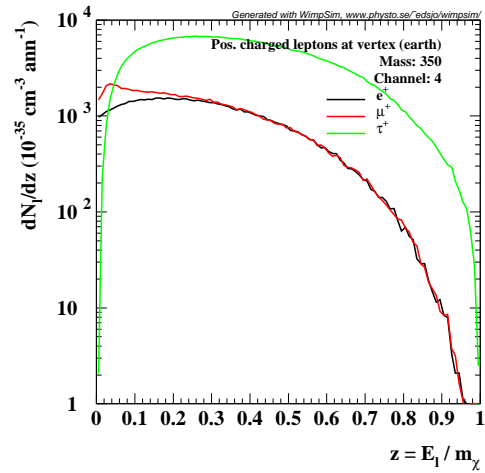
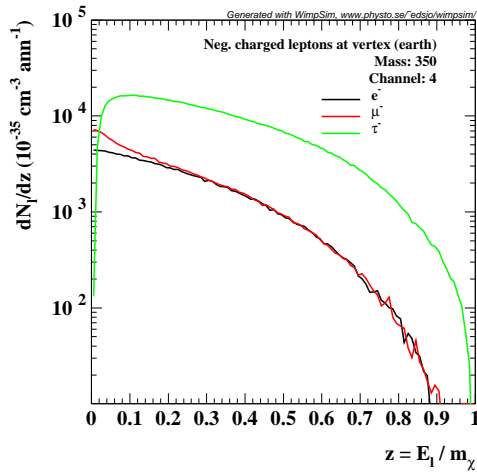
### 11.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



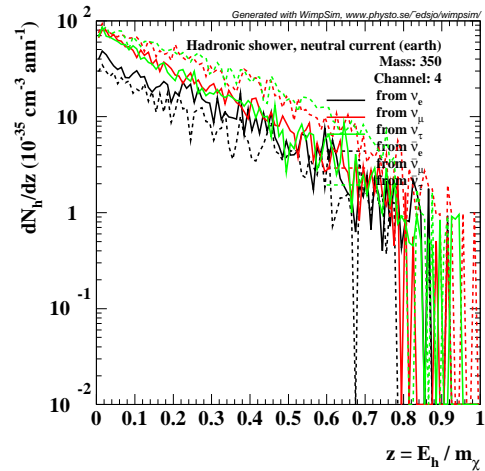
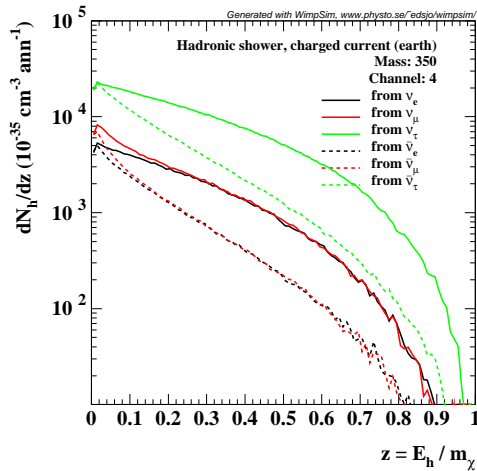
#### 11.4.4 Neutrino fluxes at detector (Earth)



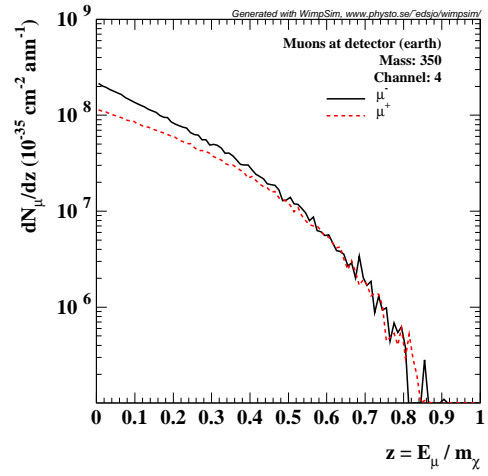
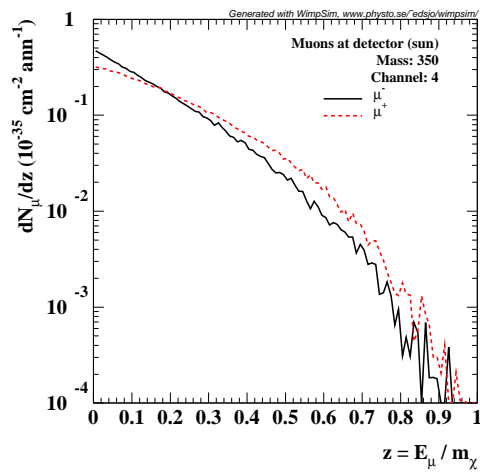
#### 11.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 11.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)



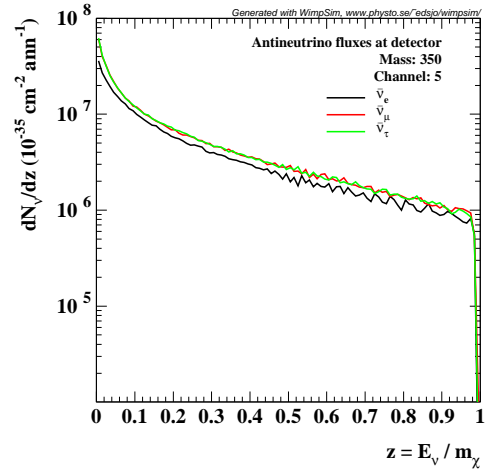
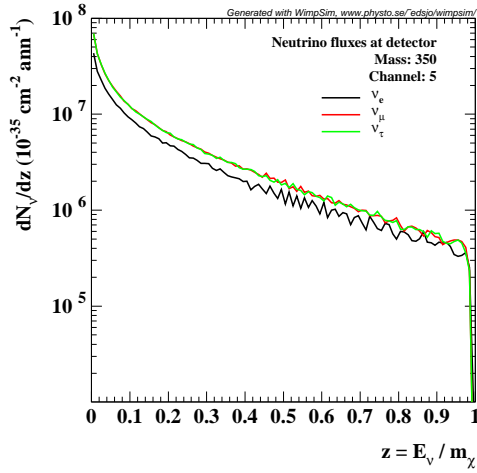
### 11.4.7 Muons at detector (Sun/Earth)



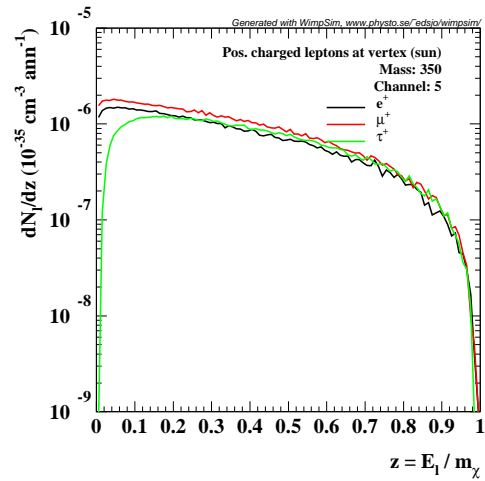
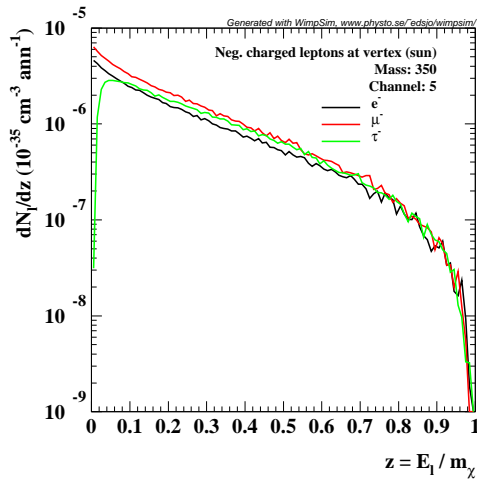


## 11.5 Channel 5 – $W^-W^+$

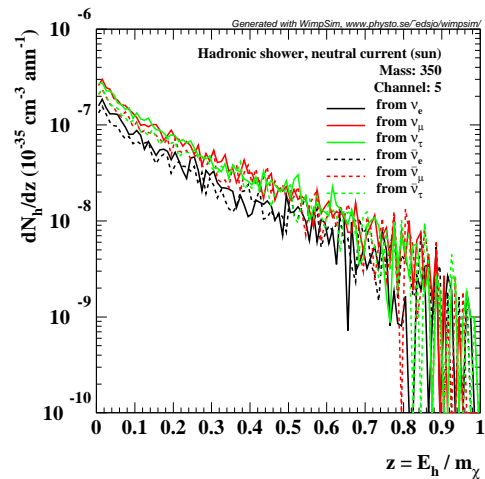
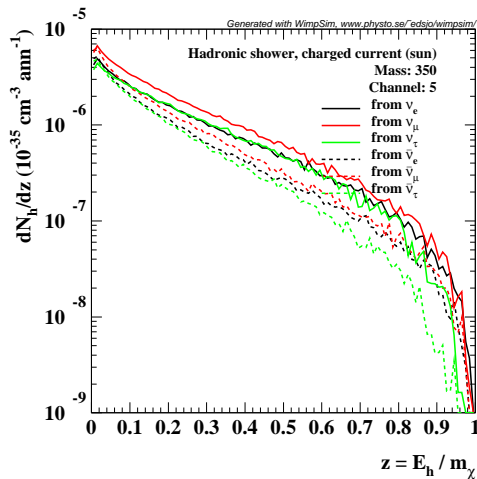
### 11.5.1 Neutrino fluxes at detector (Sun)



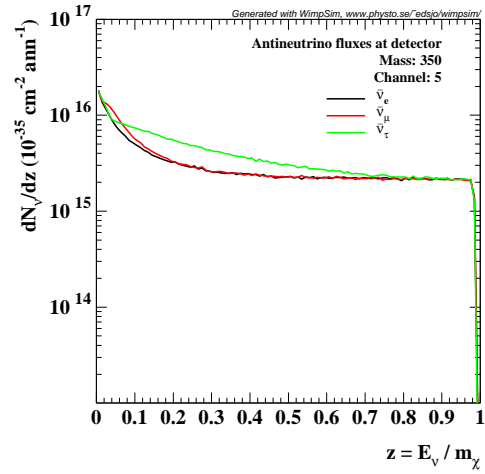
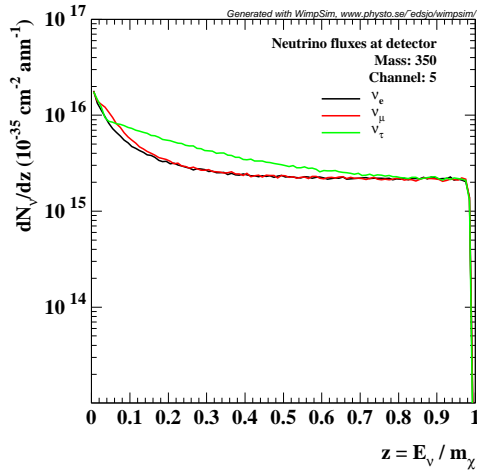
### 11.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



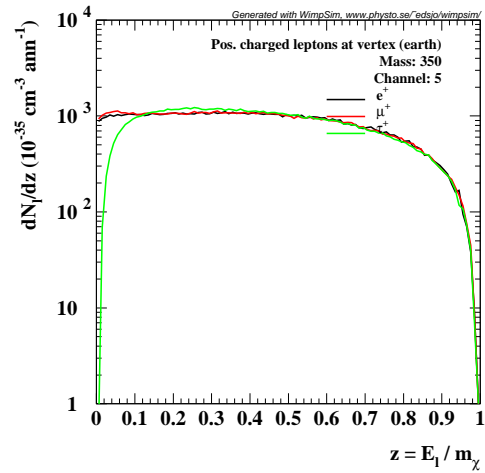
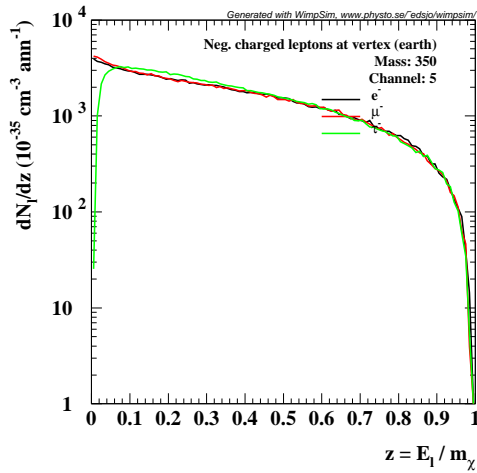
### 11.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



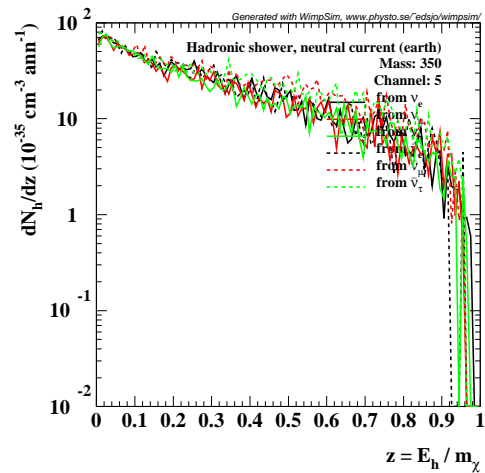
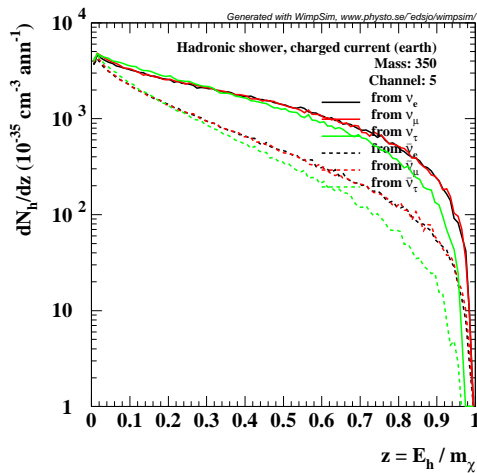
### 11.5.4 Neutrino fluxes at detector (Earth)



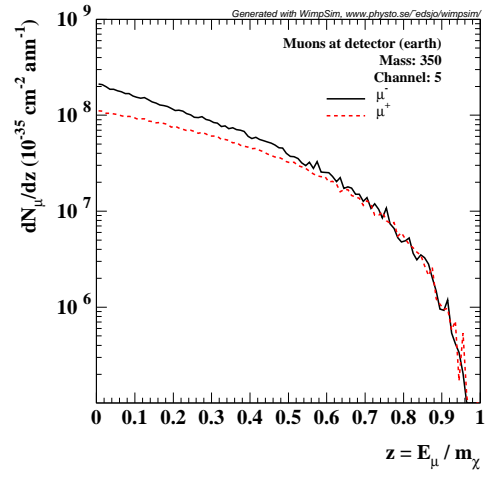
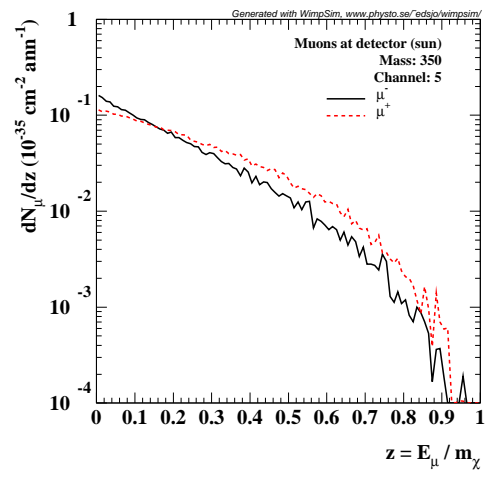
### 11.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 11.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

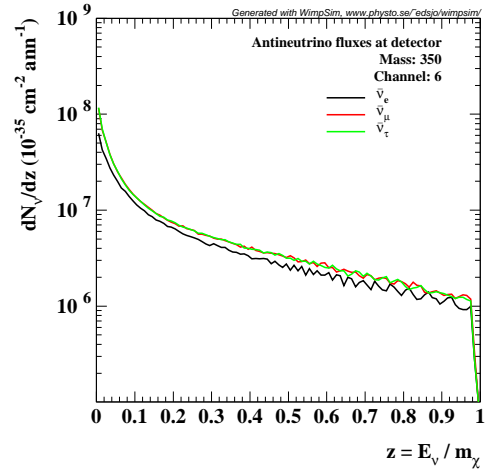
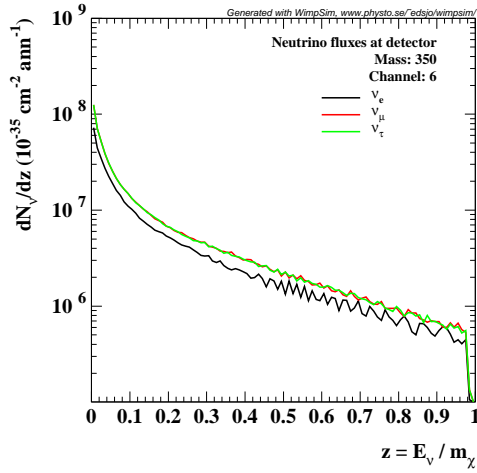


### 11.5.7 Muons at detector (Sun/Earth)

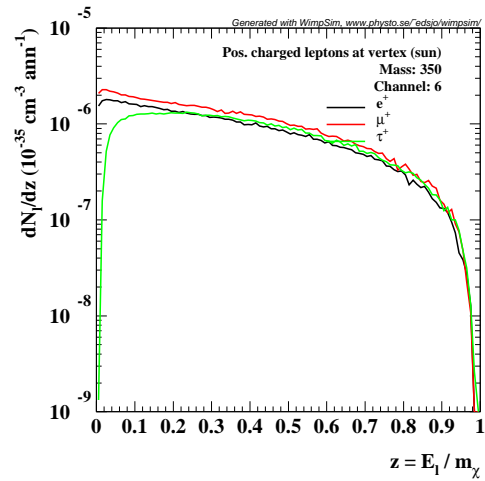
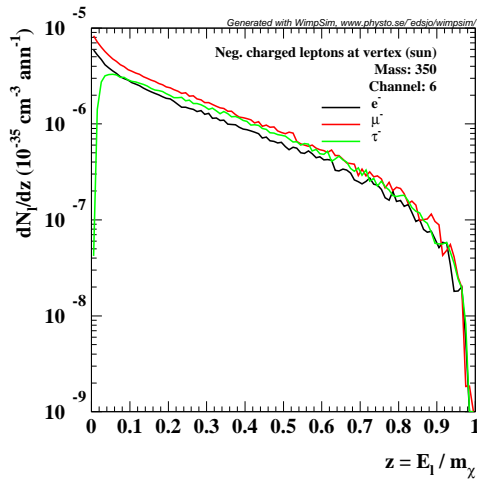


## 11.6 Channel 6 – $Z^0 Z^0$

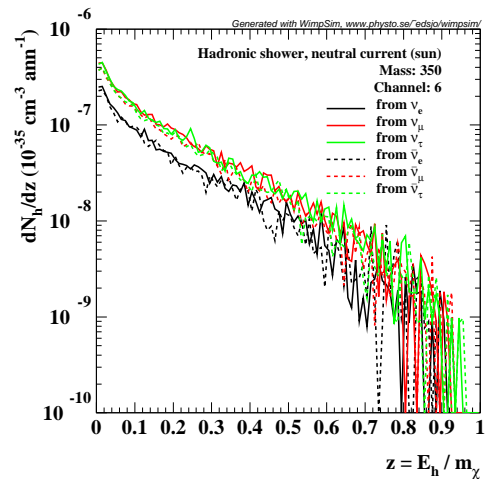
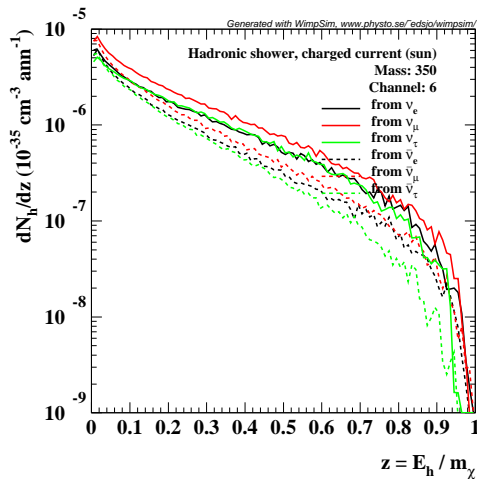
### 11.6.1 Neutrino fluxes at detector (Sun)



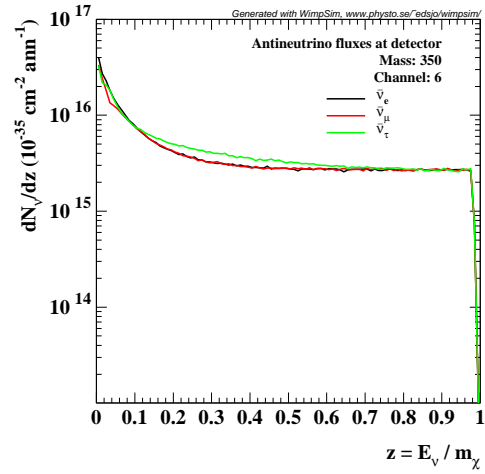
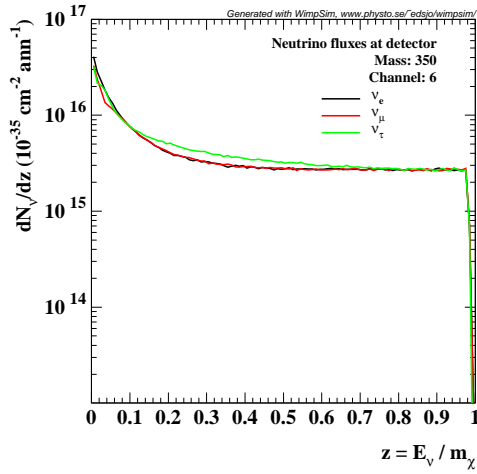
### 11.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



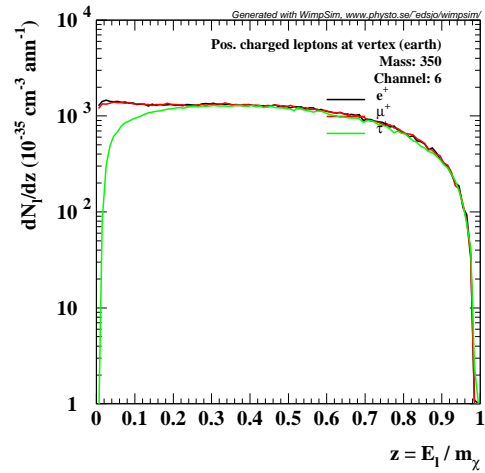
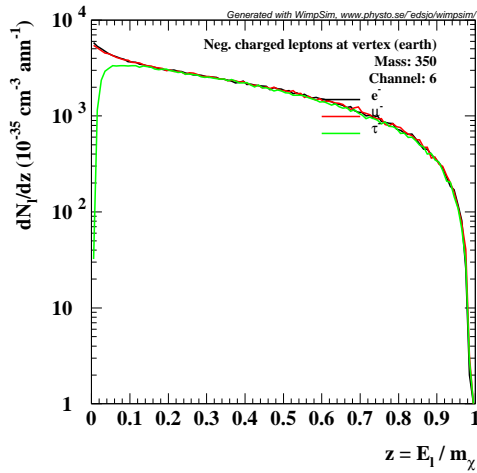
### 11.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



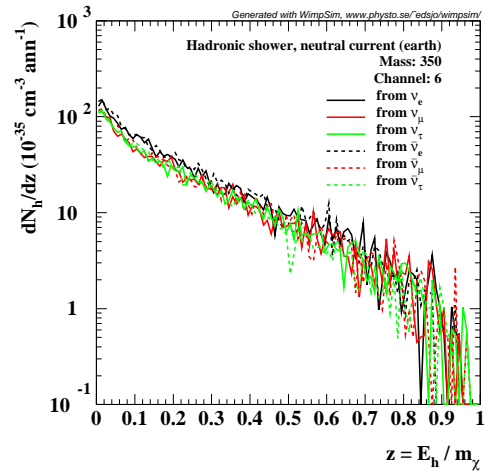
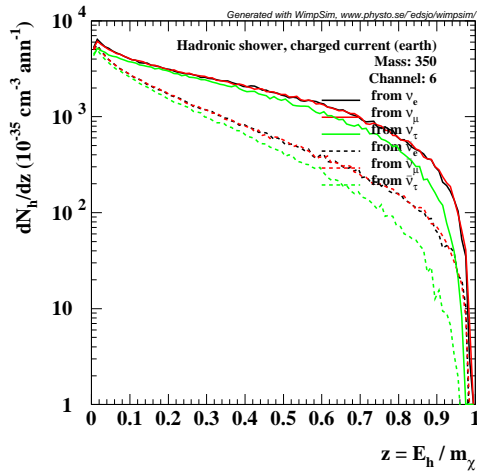
### 11.6.4 Neutrino fluxes at detector (Earth)



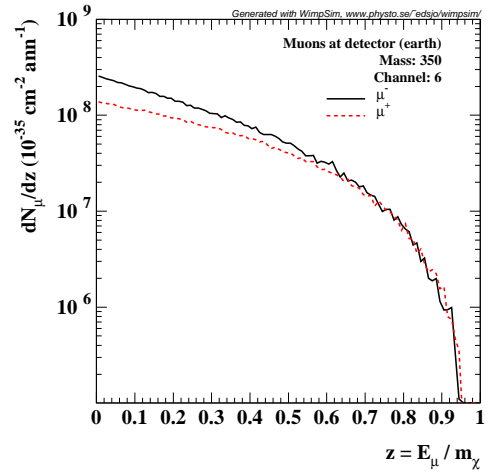
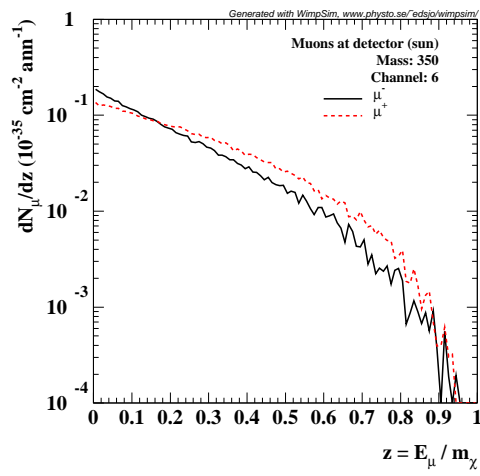
### 11.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 11.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

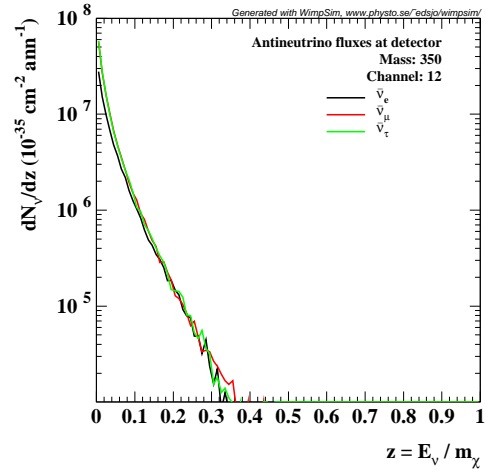
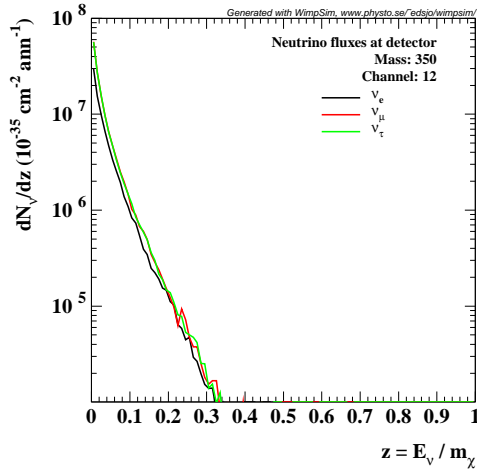


### 11.6.7 Muons at detector (Sun/Earth)

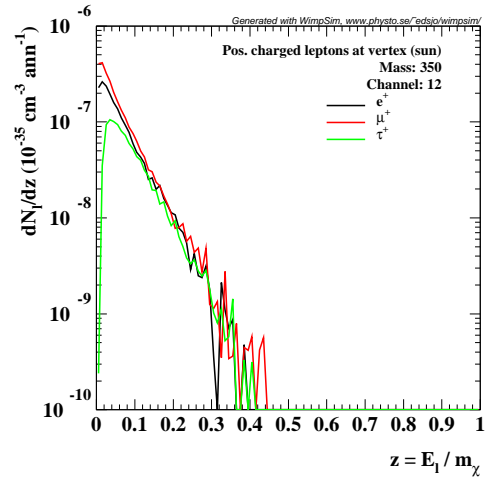
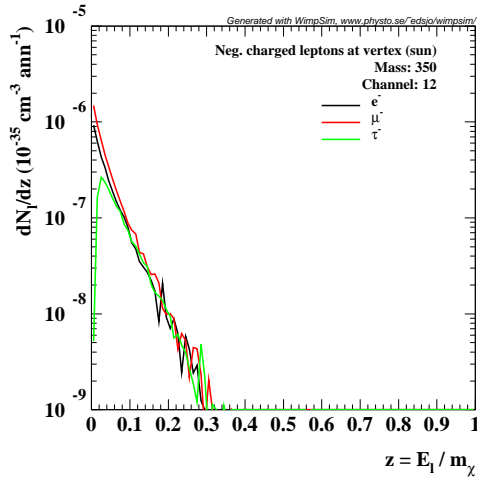


## 11.7 Channel 12 – $gg$

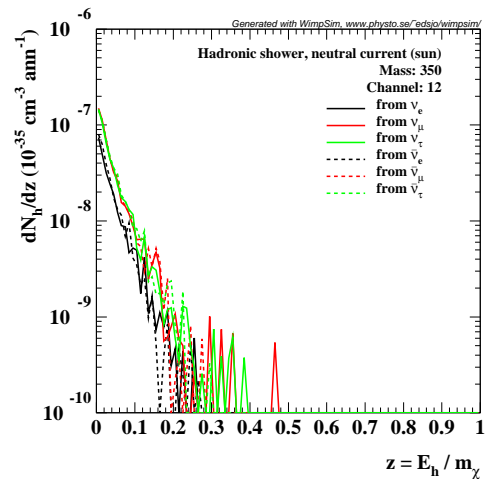
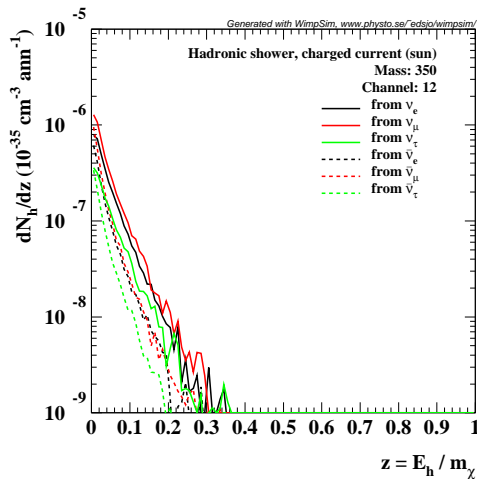
### 11.7.1 Neutrino fluxes at detector (Sun)



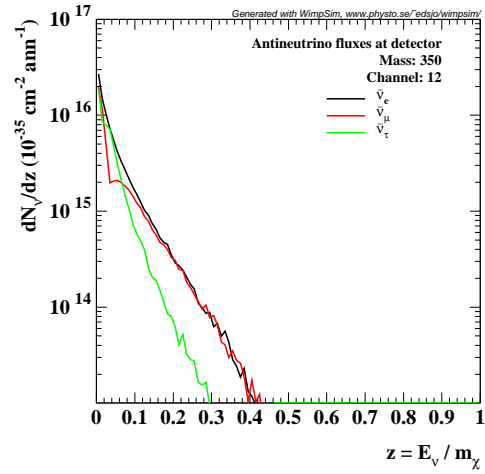
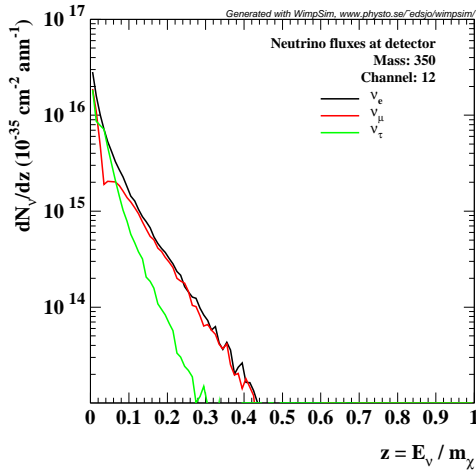
### 11.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



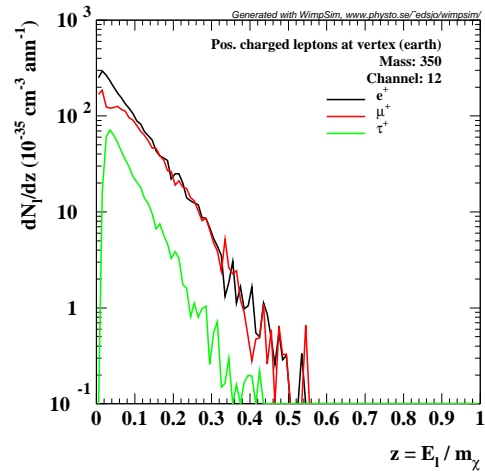
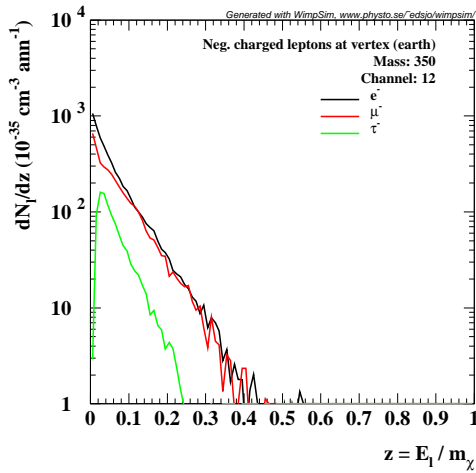
### 11.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



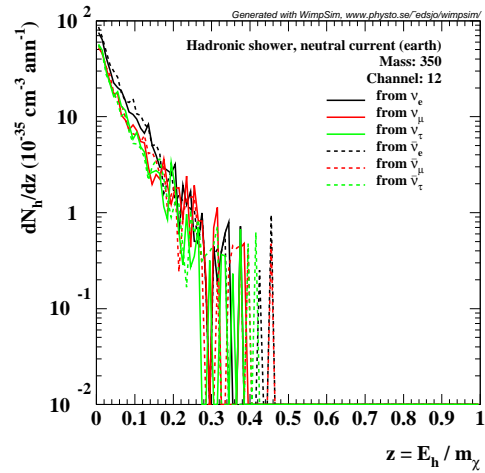
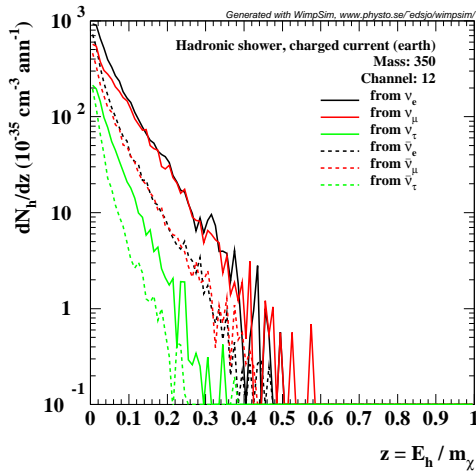
### 11.7.4 Neutrino fluxes at detector (Earth)



### 11.7.5 Charged leptons at neutrino-nucleon vertex (Earth)

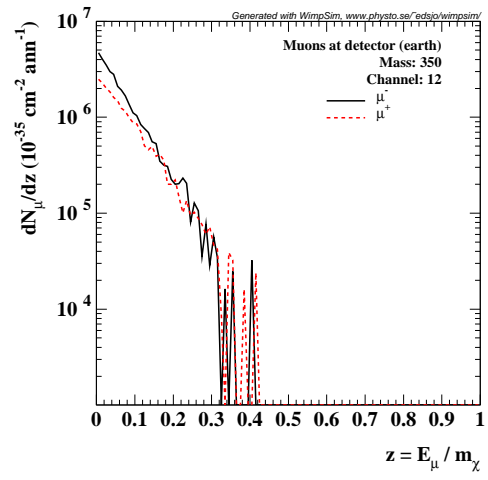
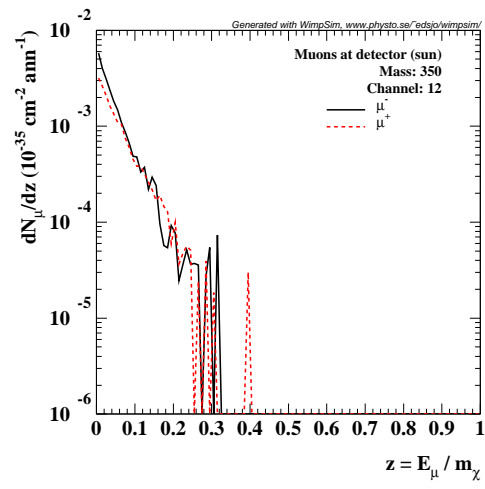


### 11.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)



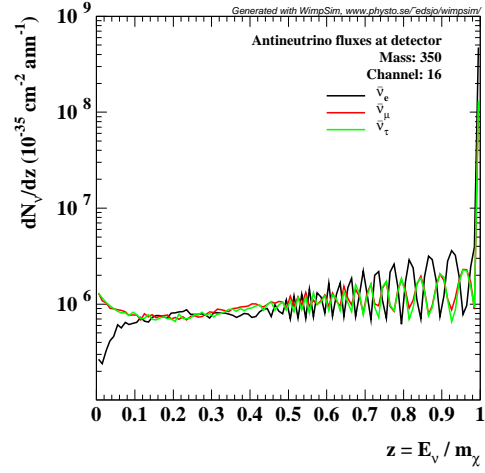
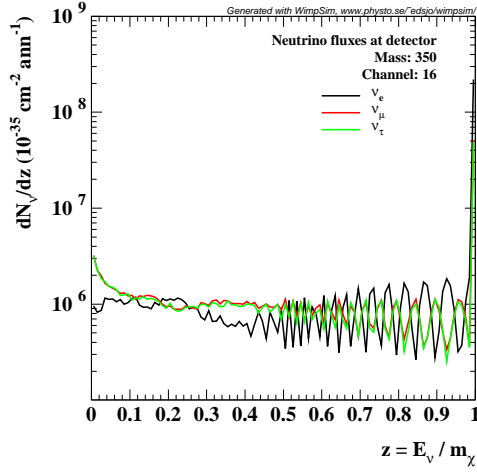


### 11.7.7 Muons at detector (Sun/Earth)

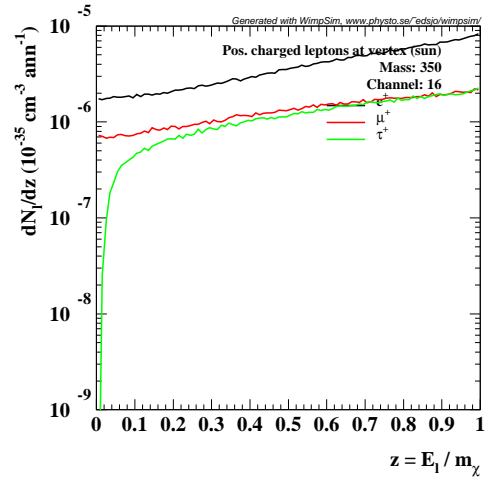
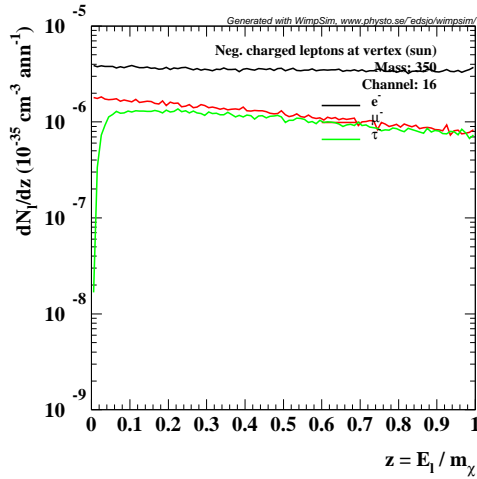


## 11.8 Channel 16 – $\nu_e \bar{\nu}_e$

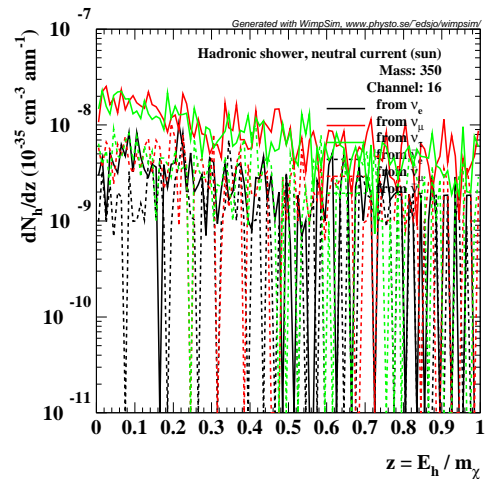
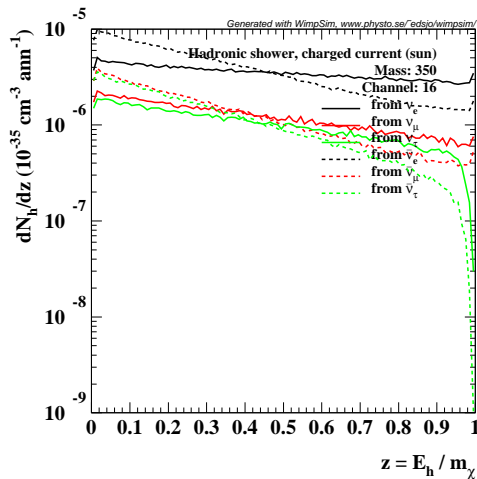
### 11.8.1 Neutrino fluxes at detector (Sun)



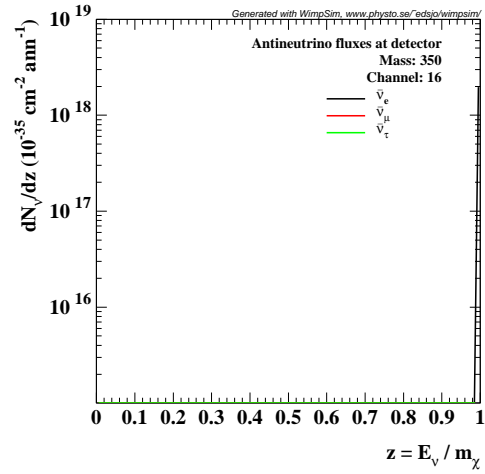
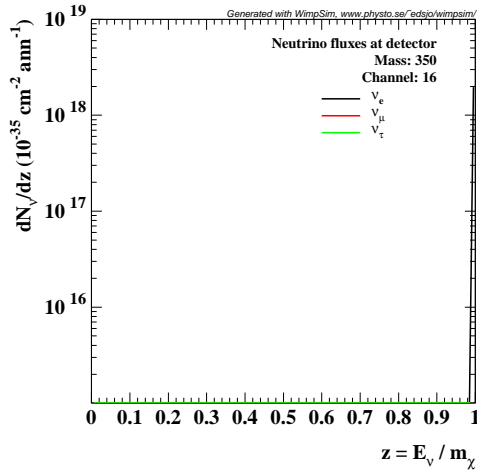
### 11.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



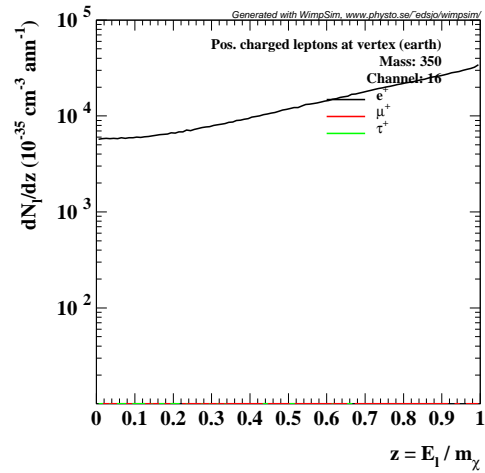
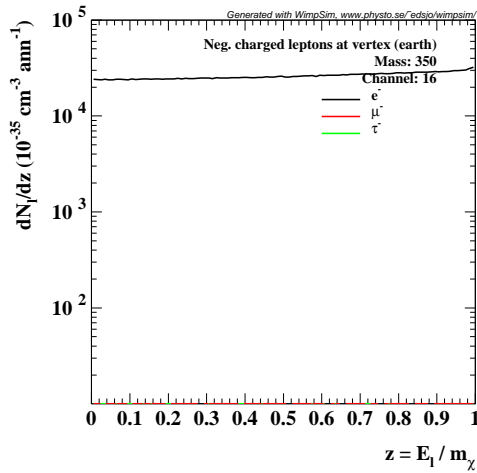
### 11.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



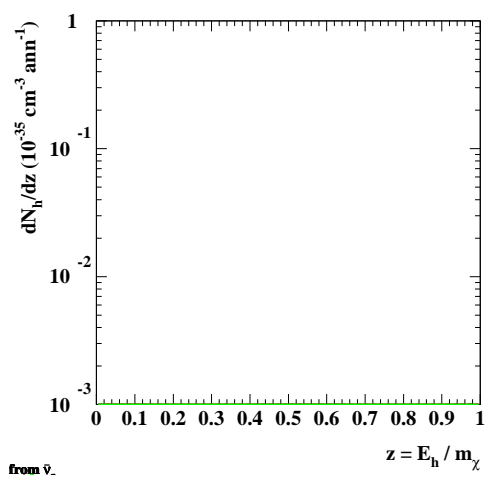
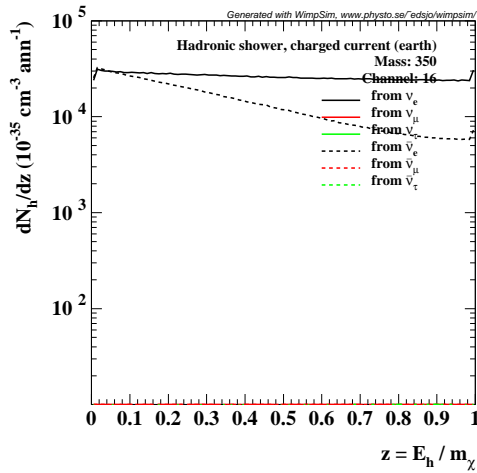
### 11.8.4 Neutrino fluxes at detector (Earth)



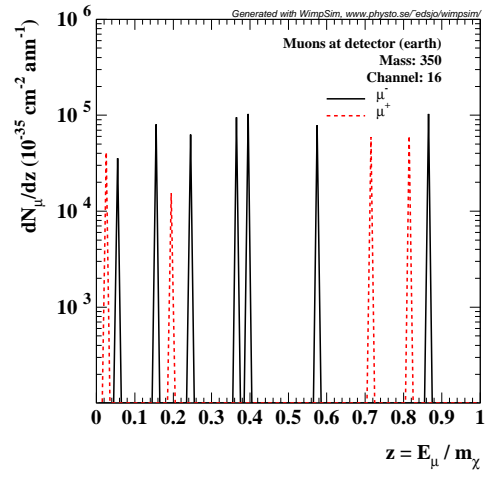
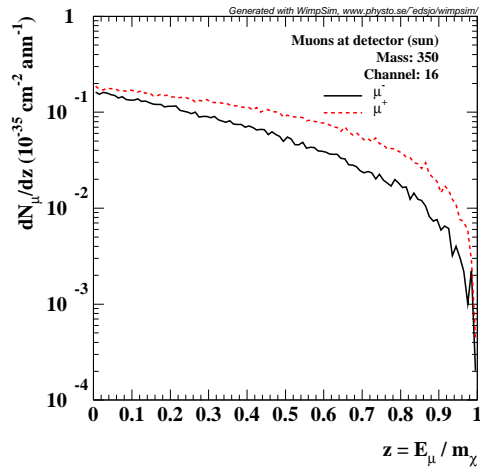
### 11.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 11.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)

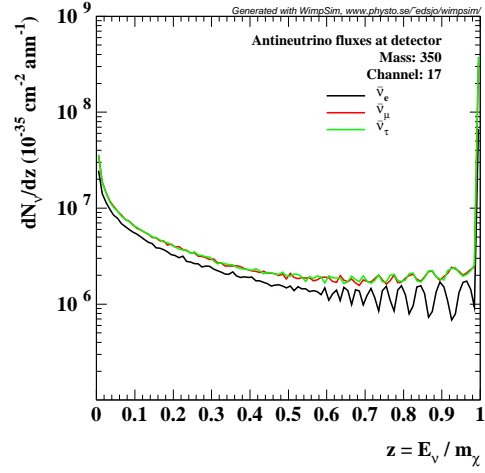
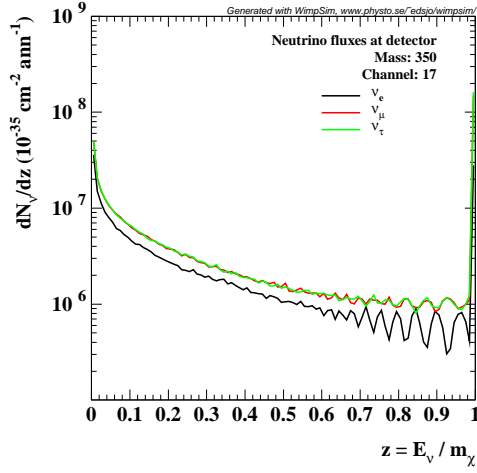


### 11.8.7 Muons at detector (Sun/Earth)

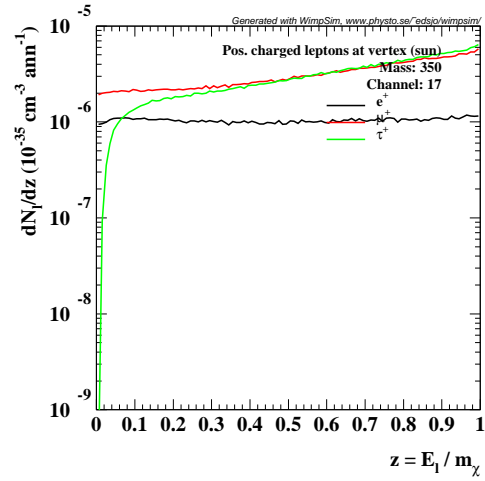
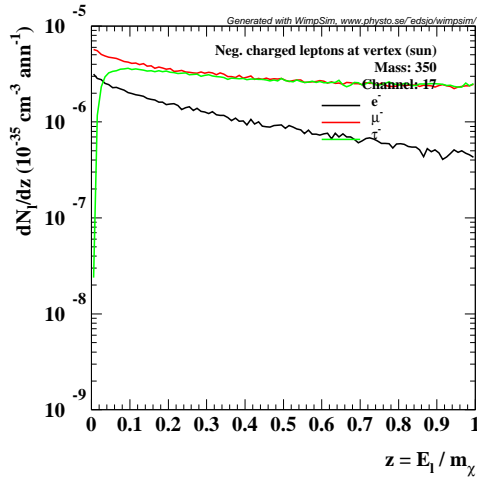


## 11.9 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

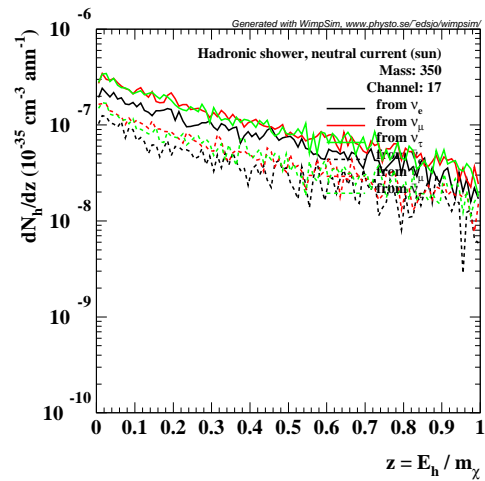
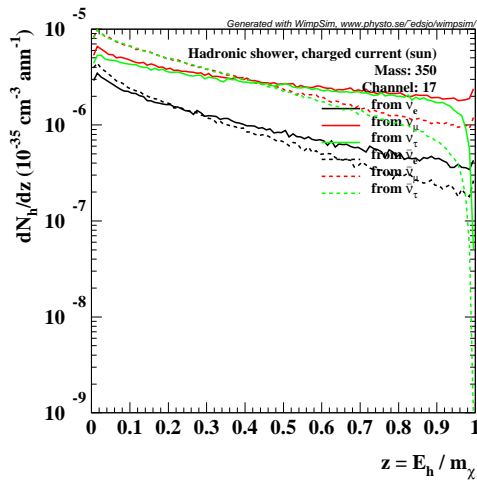
### 11.9.1 Neutrino fluxes at detector (Sun)



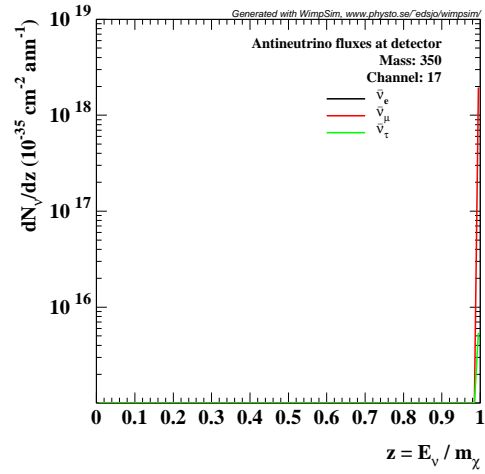
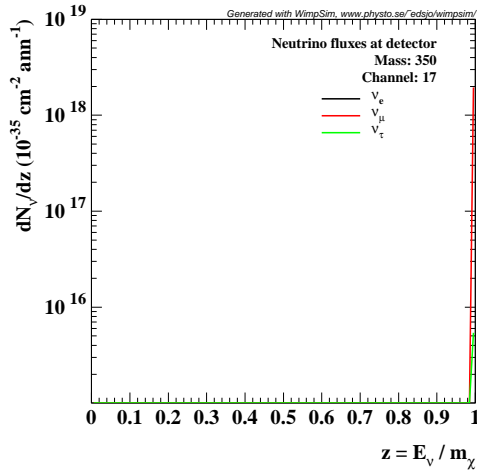
### 11.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



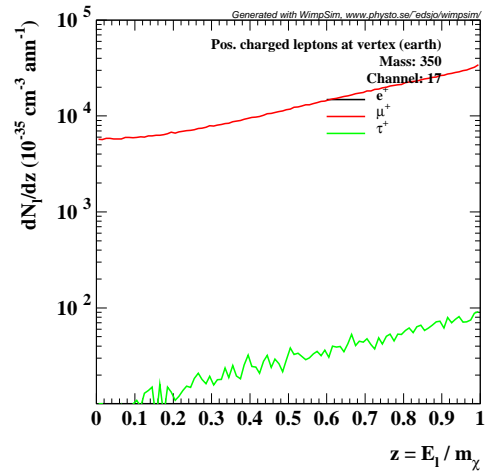
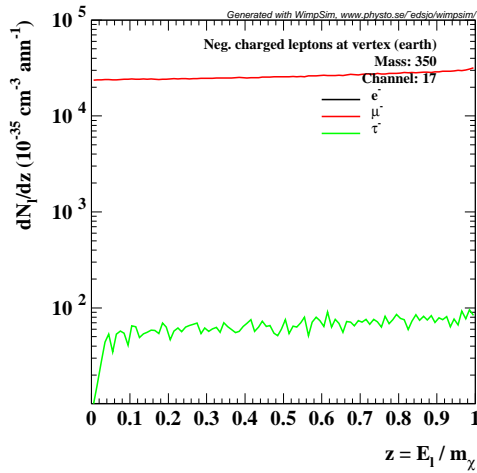
### 11.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



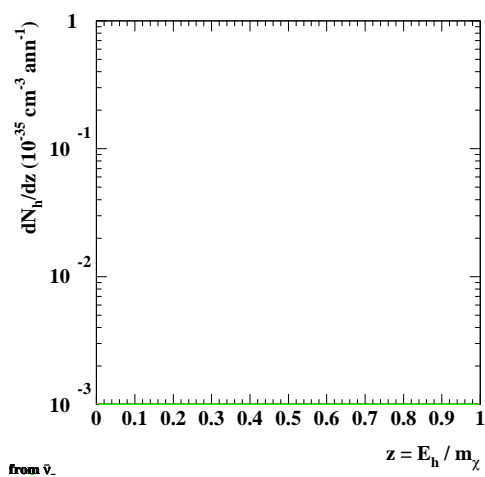
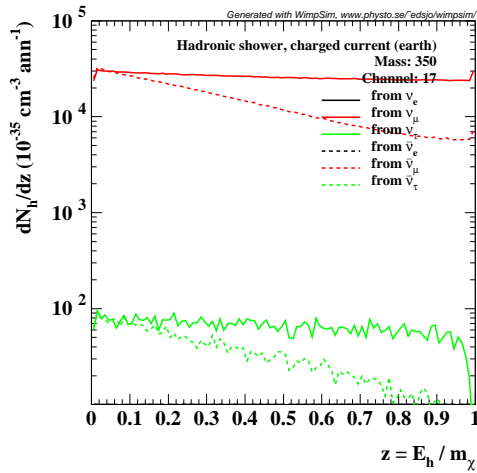
### 11.9.4 Neutrino fluxes at detector (Earth)



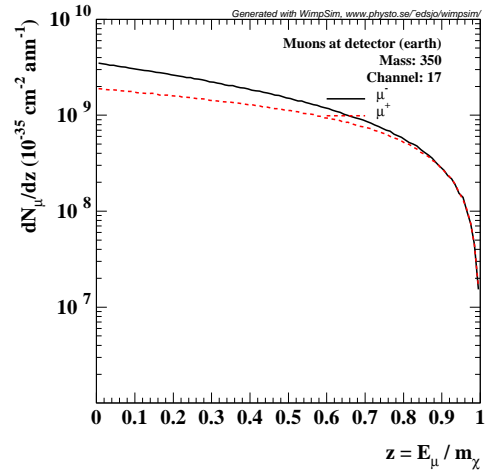
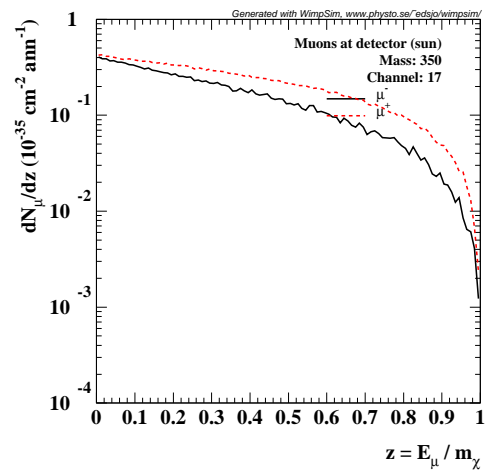
### 11.9.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 11.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)

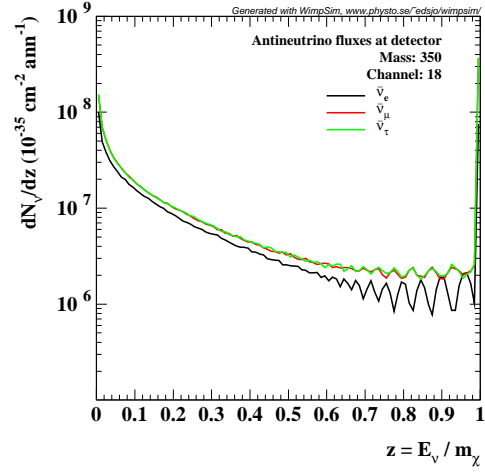
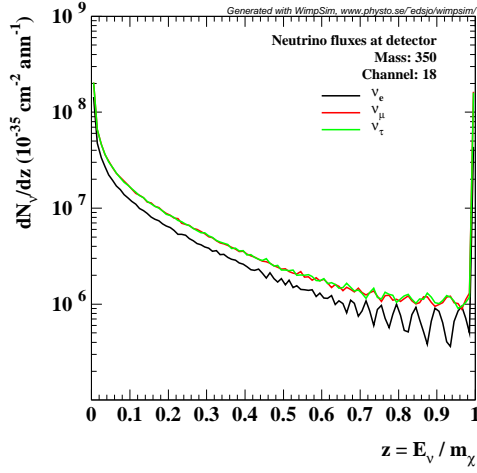


### 11.9.7 Muons at detector (Sun/Earth)

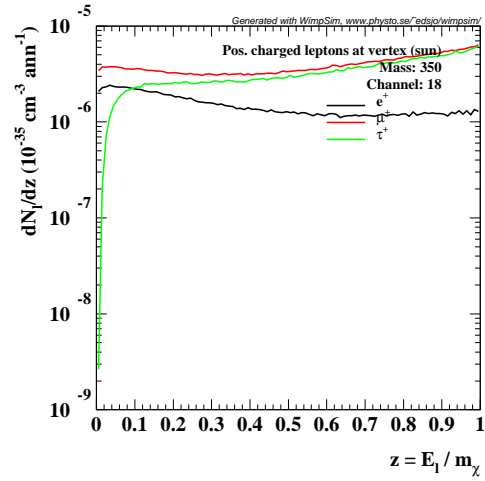
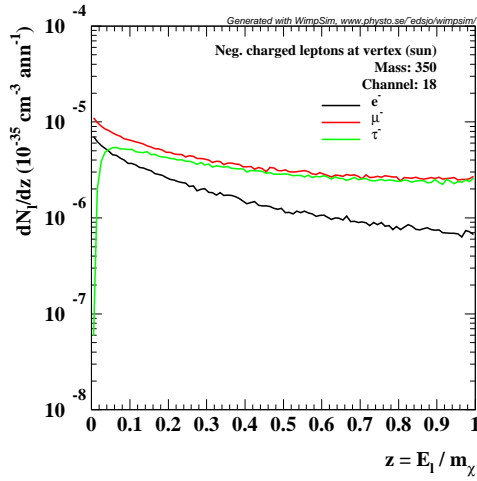


## 11.10 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

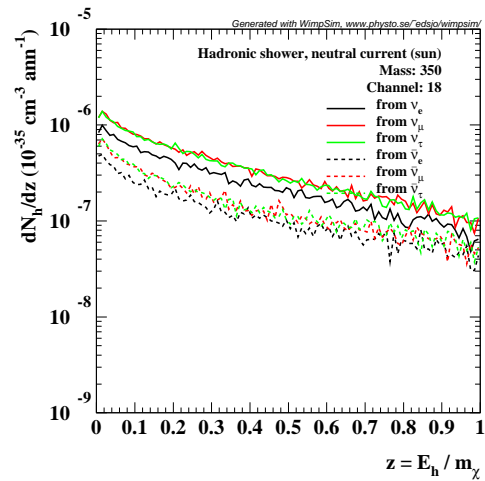
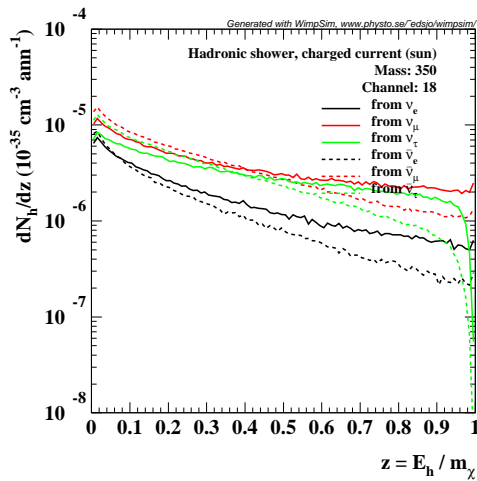
### 11.10.1 Neutrino fluxes at detector (Sun)



### 11.10.2 Charged leptons at neutrino-nucleon vertex (Sun)

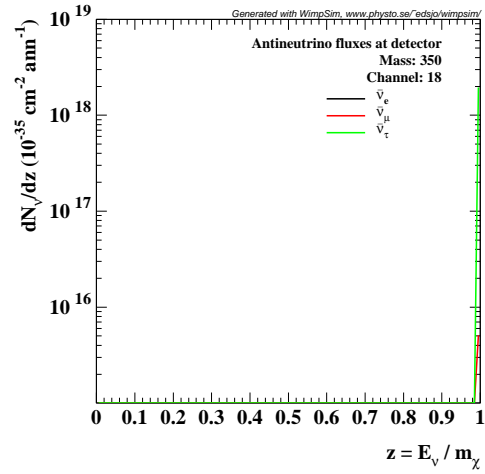
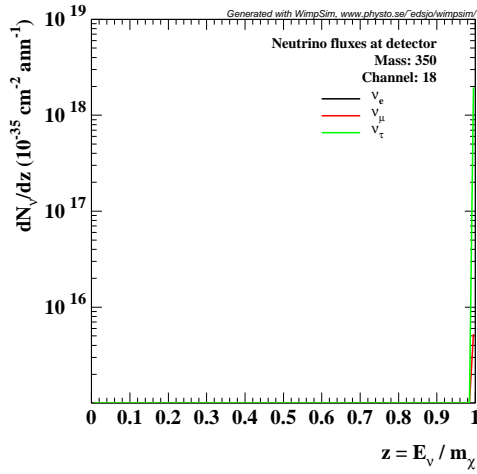


### 11.10.3 Hadronic shower at neutrino-nucleon vertex (Sun)

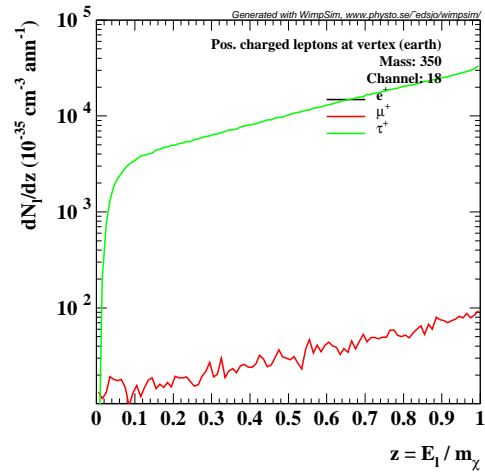
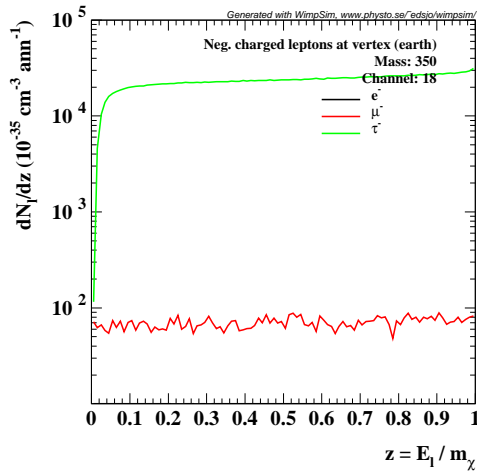




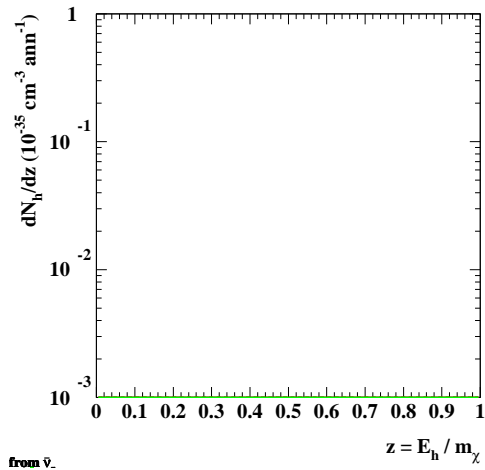
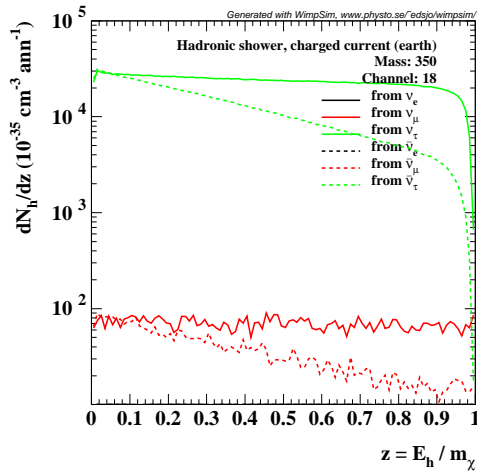
### 11.10.4 Neutrino fluxes at detector (Earth)



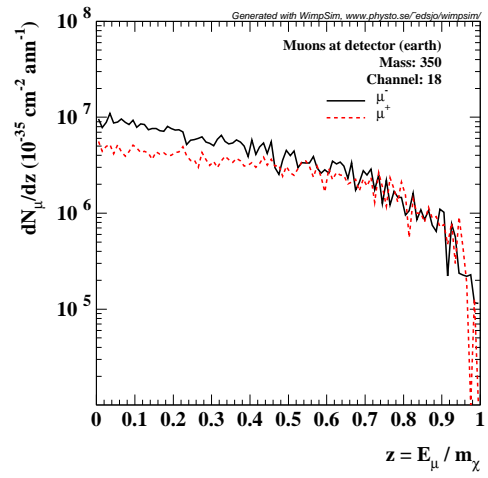
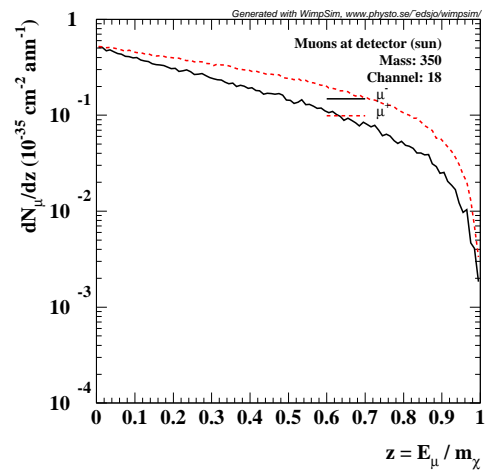
### 11.10.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 11.10.6 Hadronic shower at neutrino-nucleon vertex (Earth)



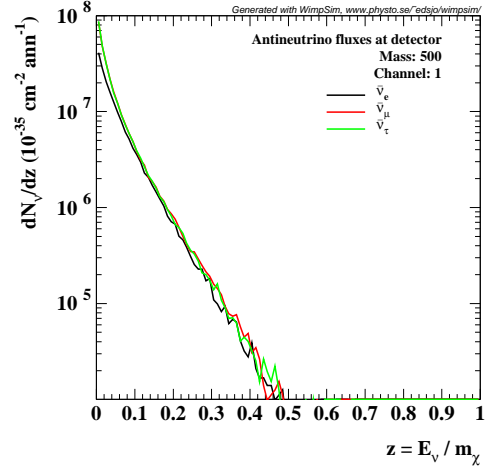
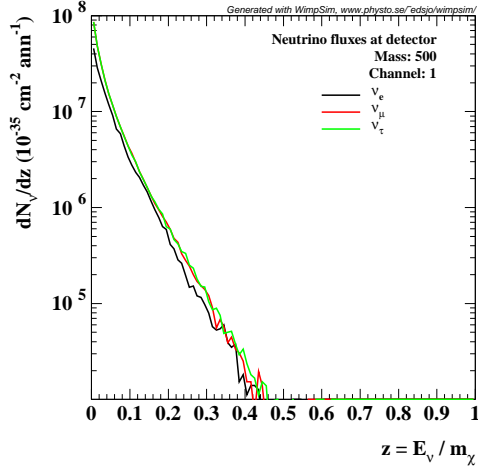
### 11.10.7 Muons at detector (Sun/Earth)



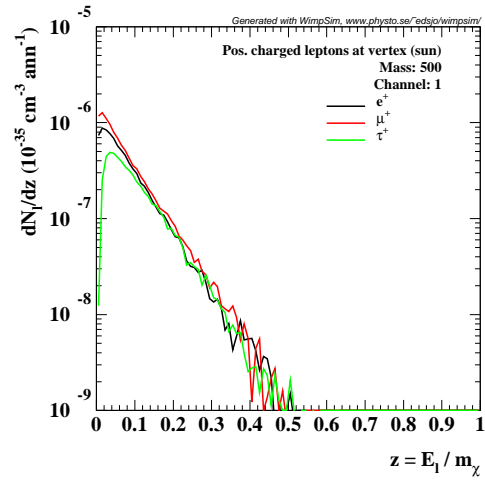
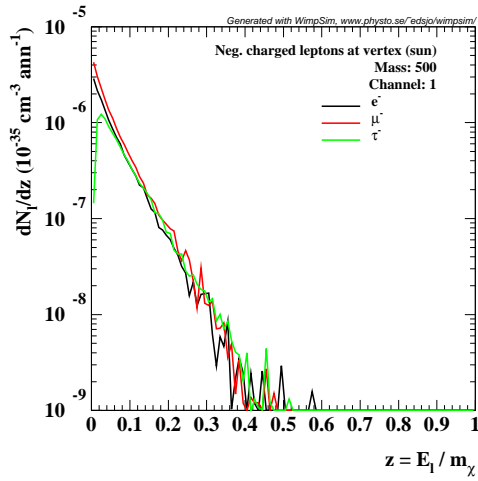
## 12 Mass 500

### 12.1 Channel 1 – $c\bar{c}$

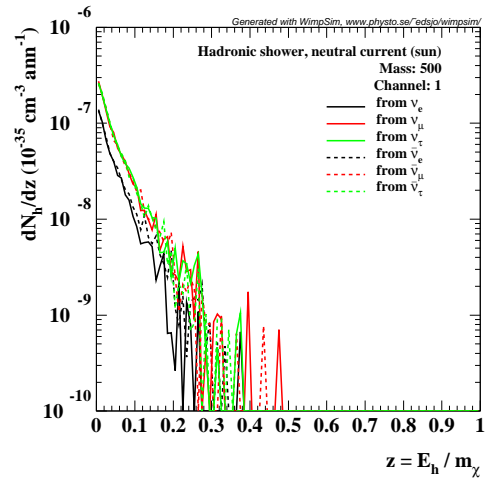
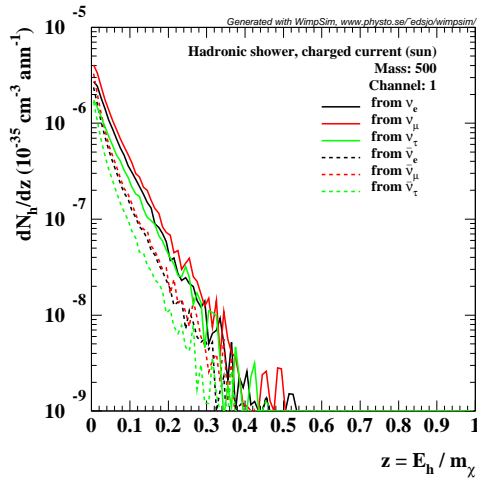
#### 12.1.1 Neutrino fluxes at detector (Sun)



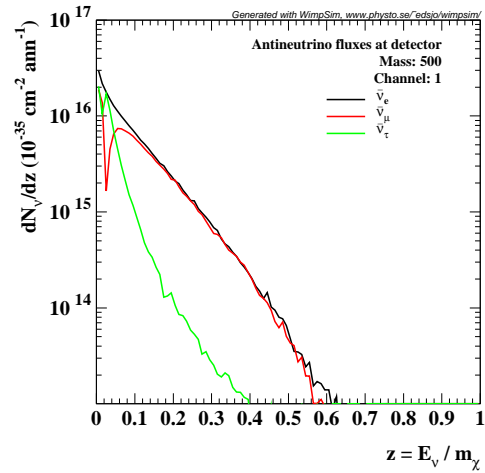
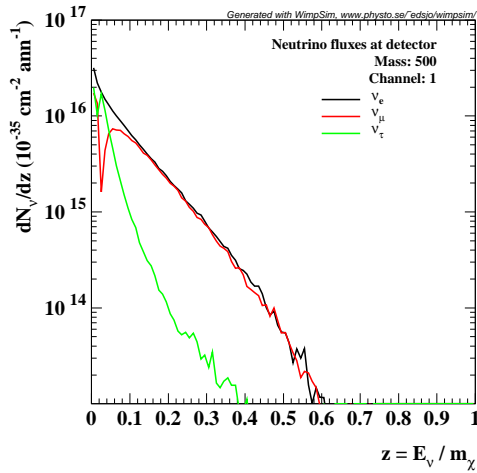
#### 12.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



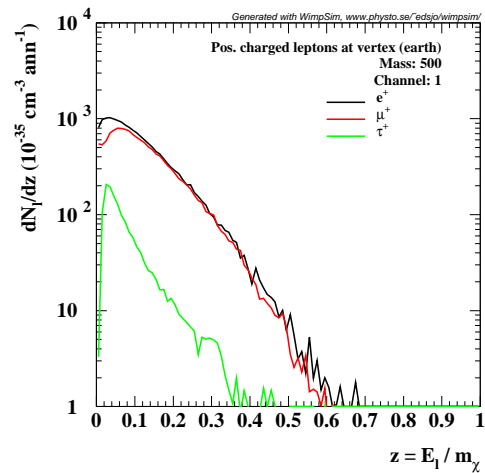
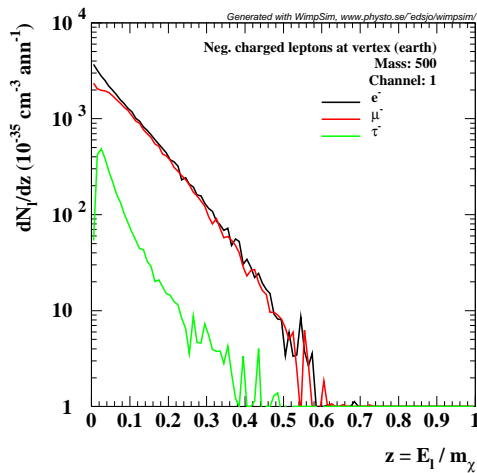
### 12.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



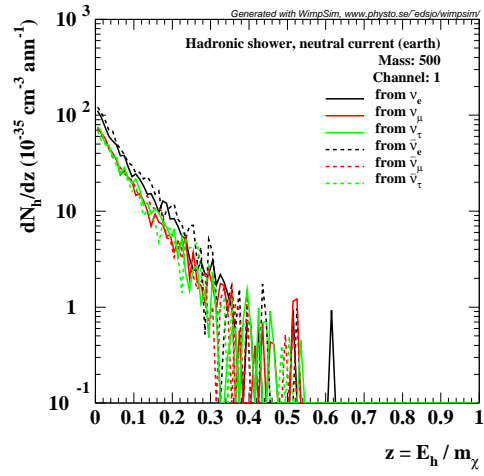
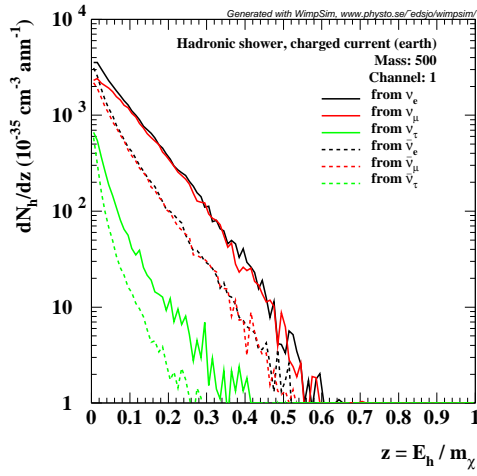
### 12.1.4 Neutrino fluxes at detector (Earth)



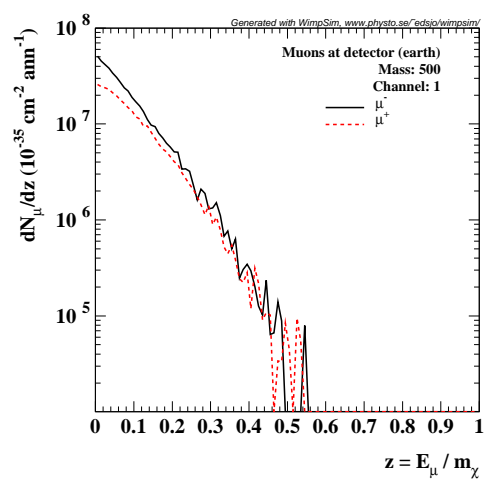
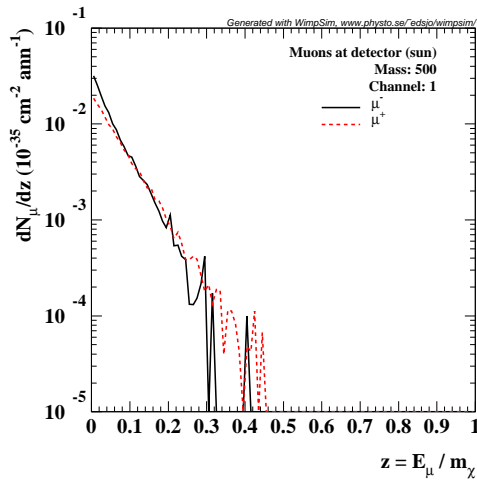
### 12.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 12.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

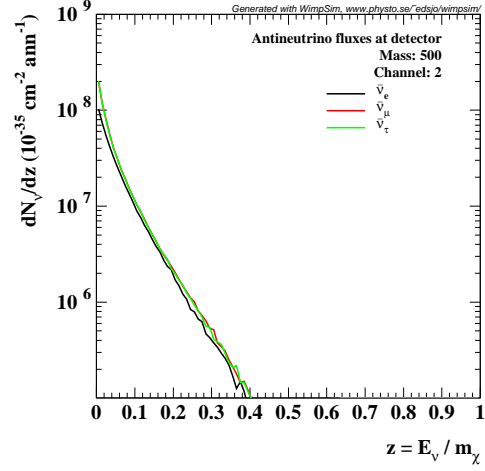
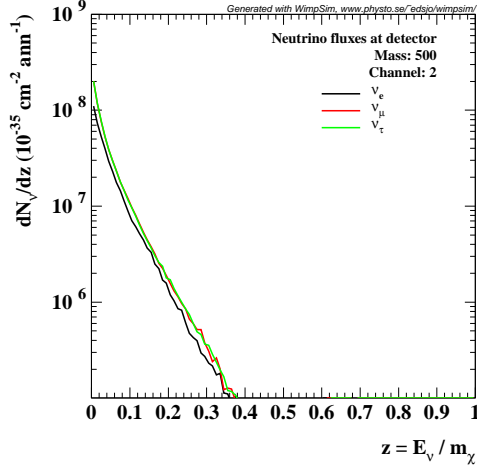


### 12.1.7 Muons at detector (Sun/Earth)

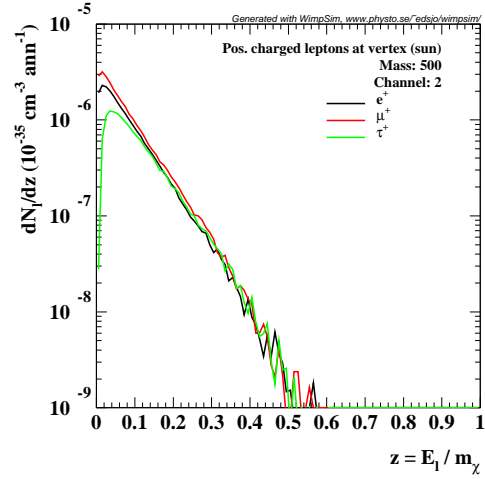
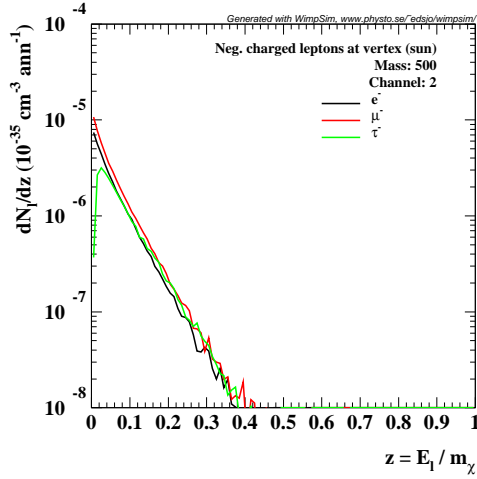


## 12.2 Channel 2 – $b\bar{b}$

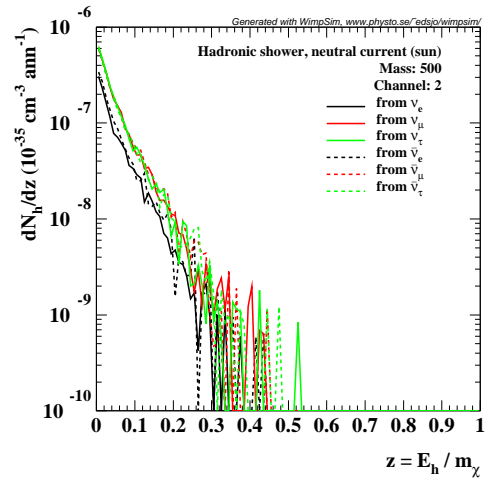
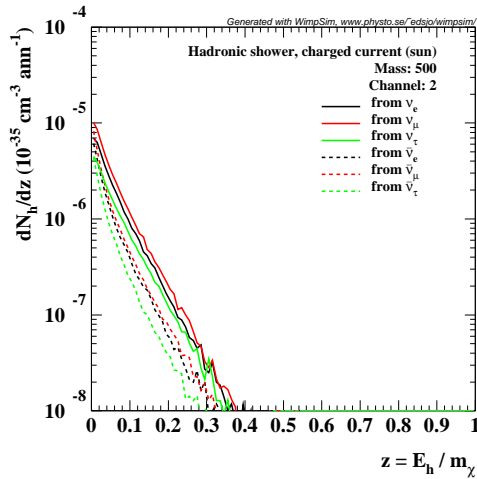
### 12.2.1 Neutrino fluxes at detector (Sun)



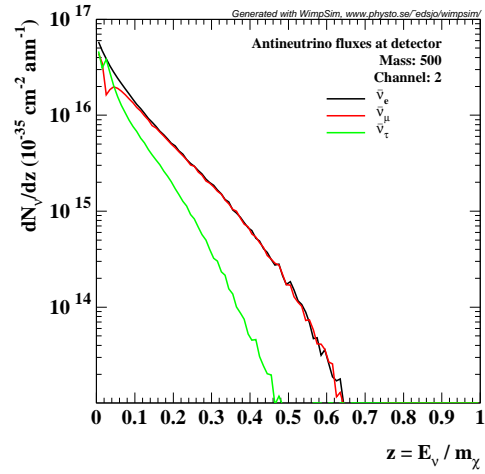
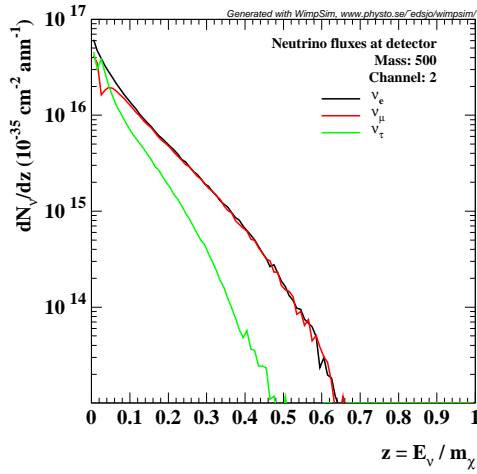
### 12.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



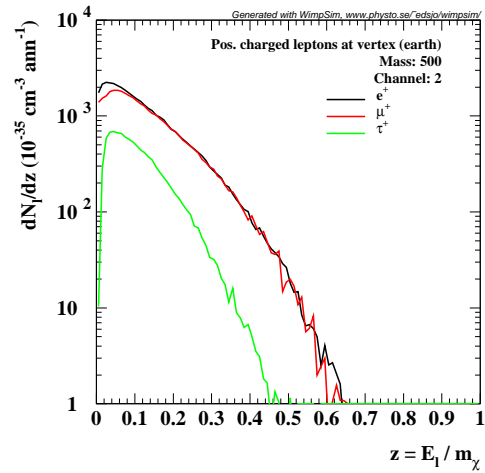
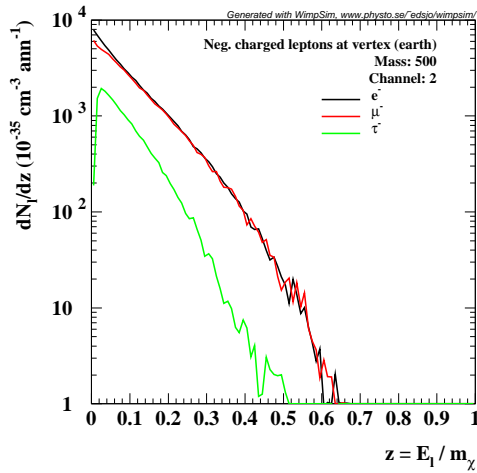
### 12.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



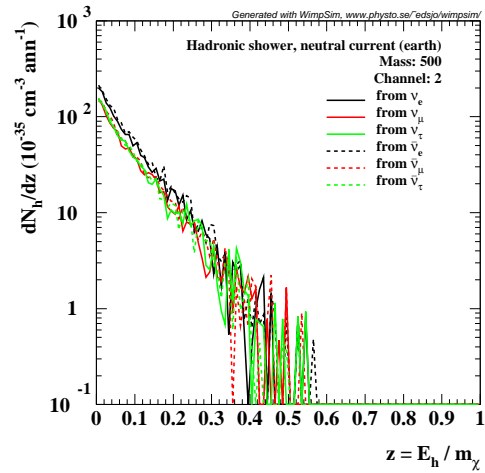
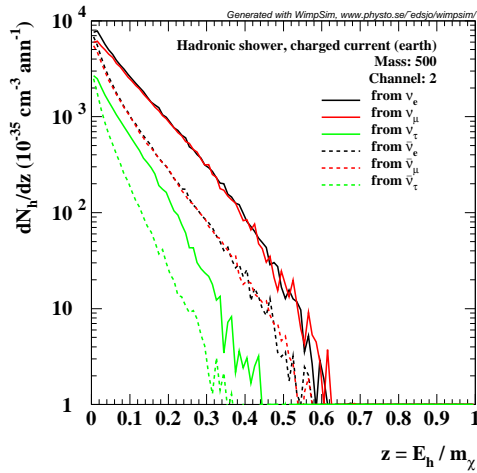
### 12.2.4 Neutrino fluxes at detector (Earth)



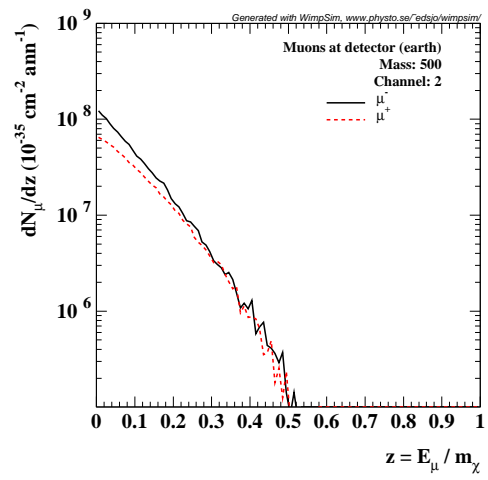
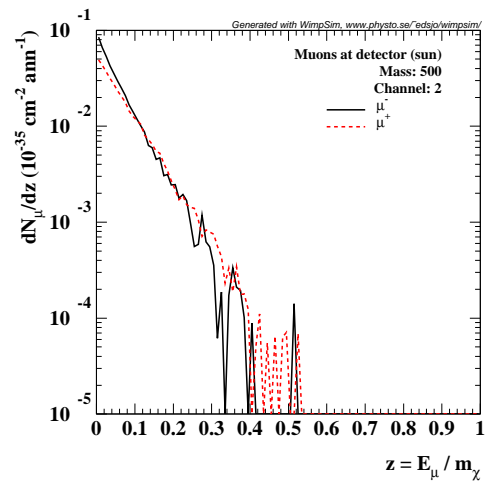
### 12.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 12.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)



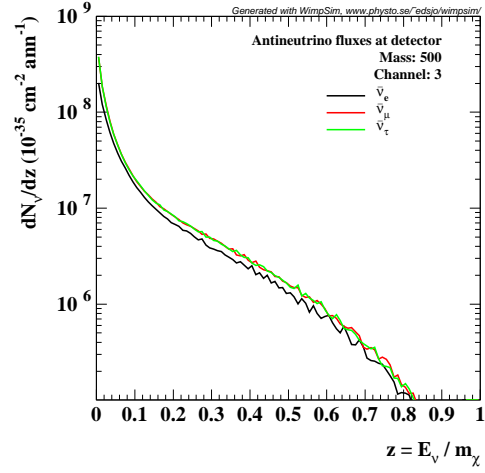
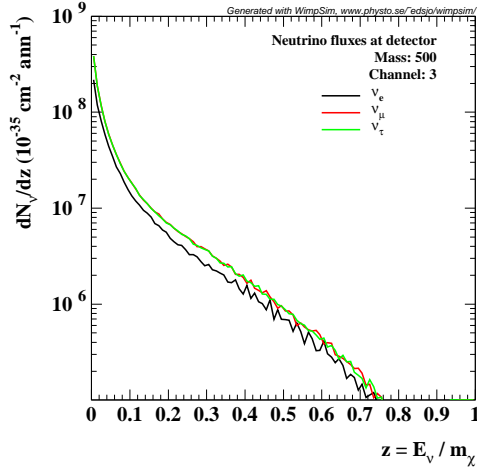
### 12.2.7 Muons at detector (Sun/Earth)



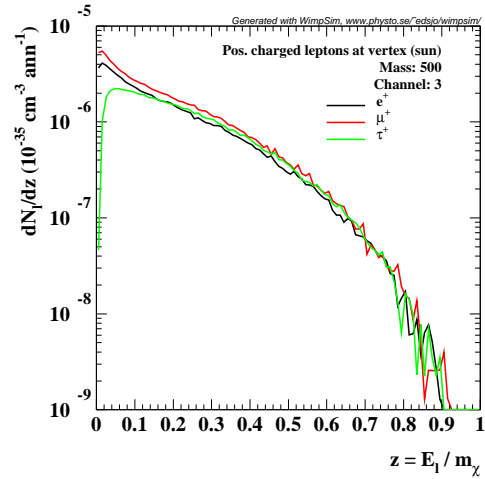
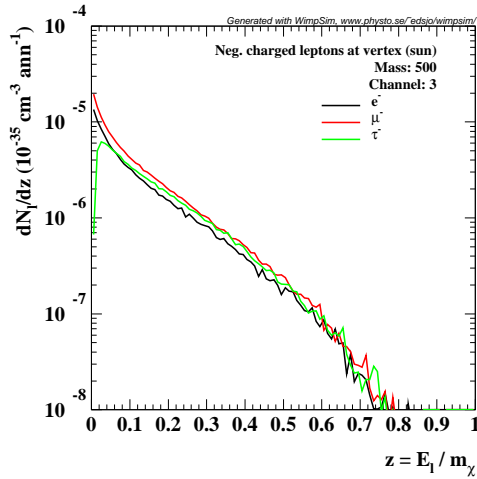


## 12.3 Channel 3 – $t\bar{t}$

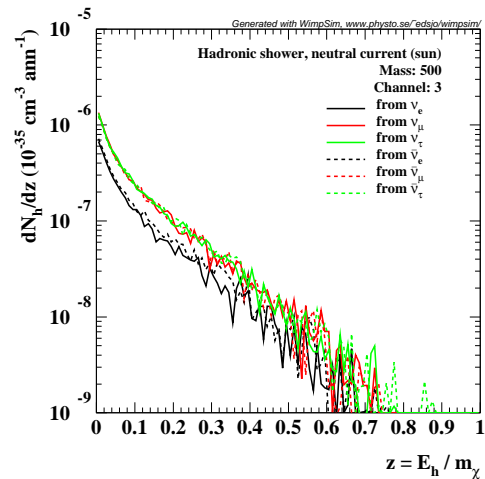
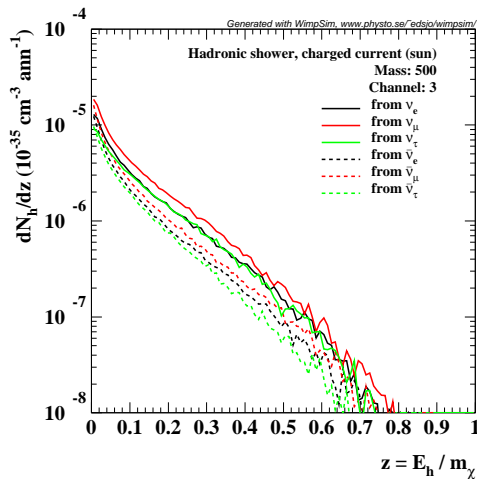
### 12.3.1 Neutrino fluxes at detector (Sun)



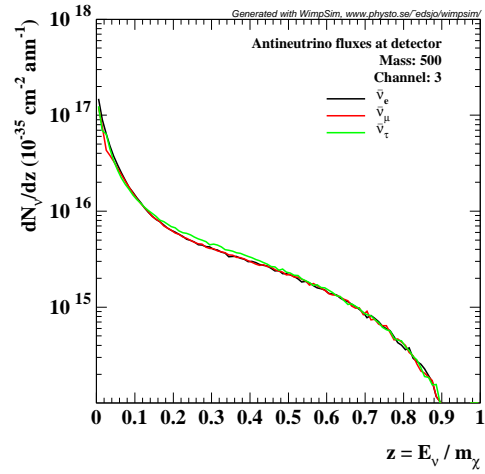
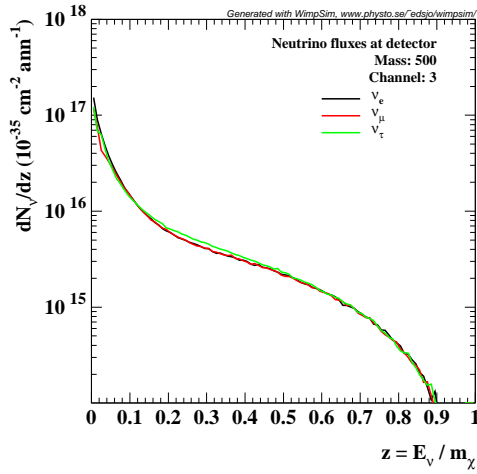
### 12.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



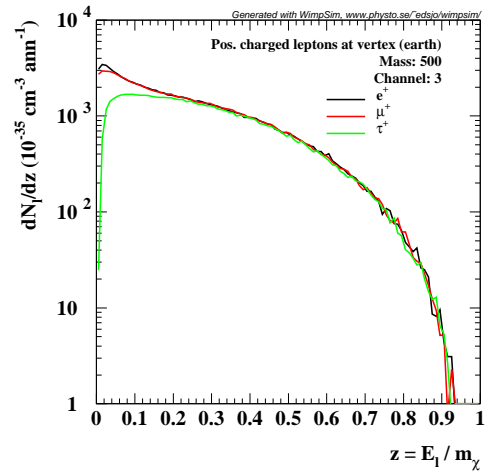
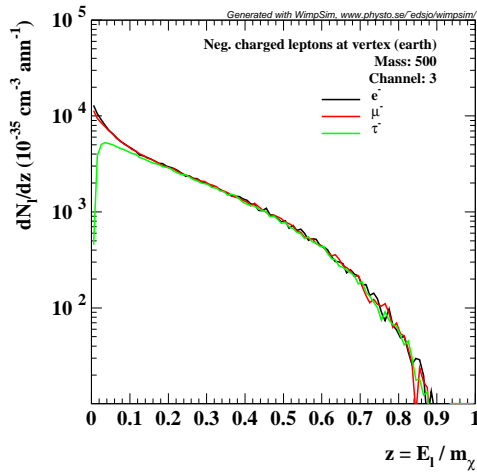
### 12.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



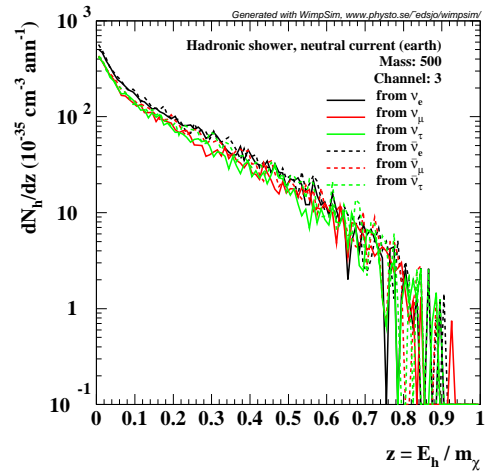
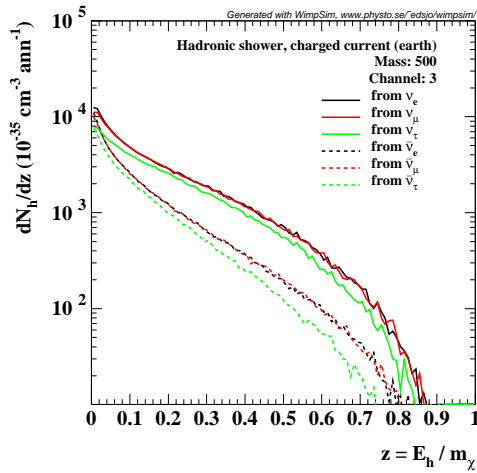
### 12.3.4 Neutrino fluxes at detector (Earth)



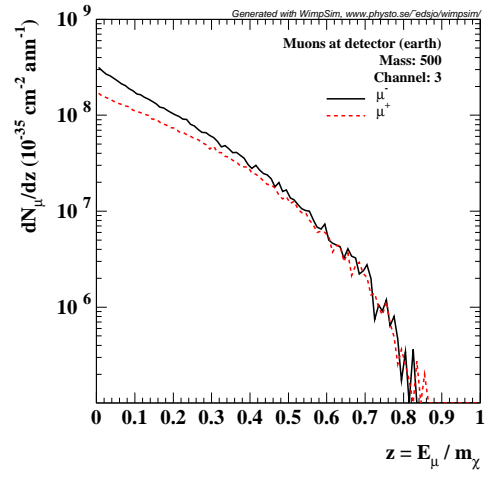
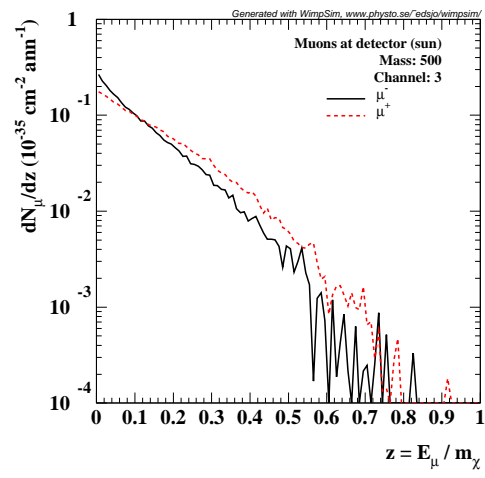
### 12.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 12.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

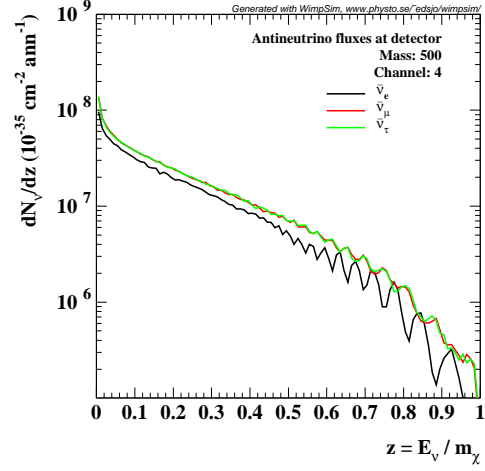
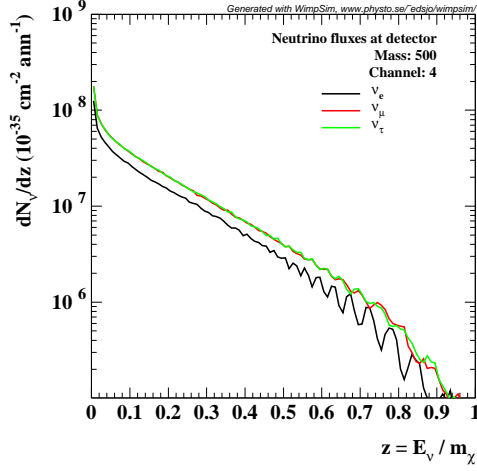


### 12.3.7 Muons at detector (Sun/Earth)

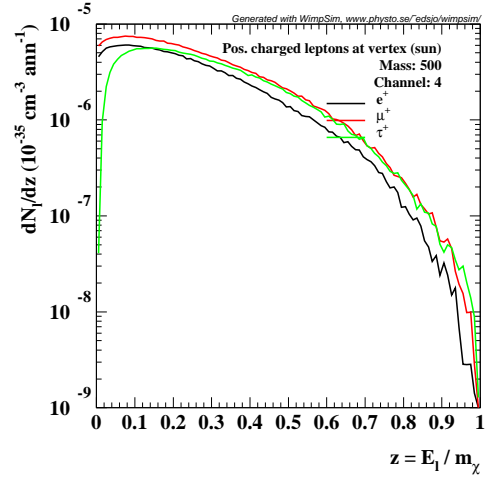
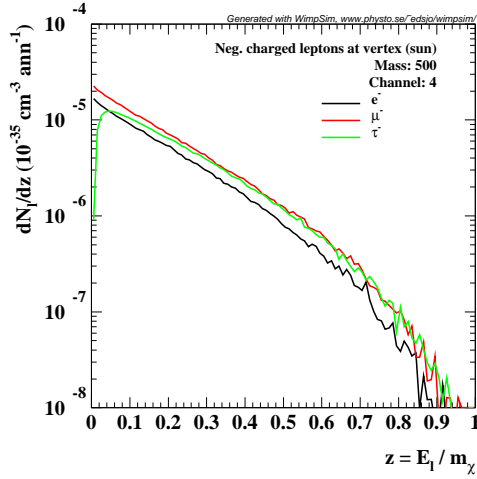


## 12.4 Channel 4 – $\tau^- \tau^+$

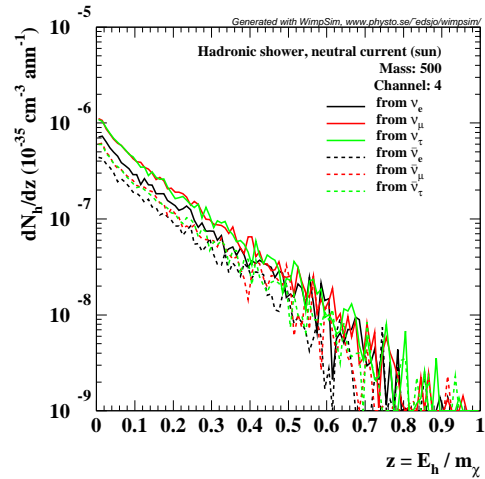
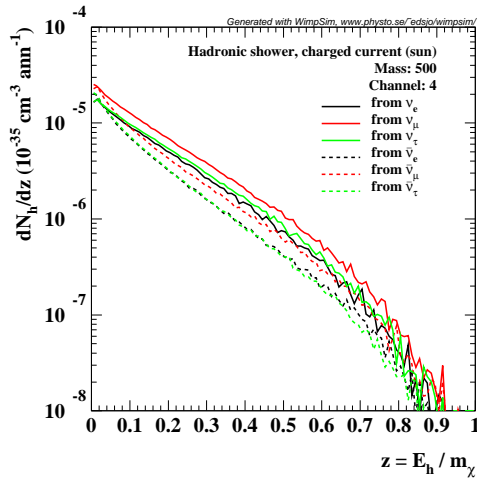
### 12.4.1 Neutrino fluxes at detector (Sun)



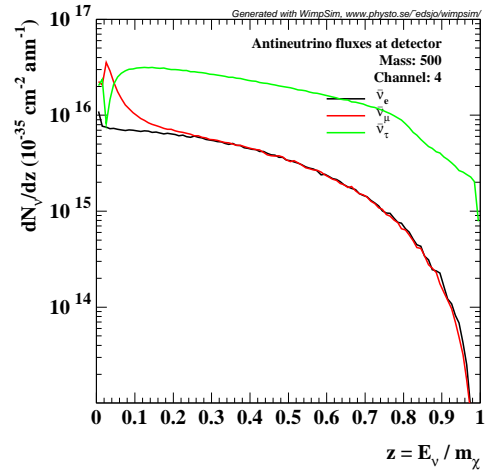
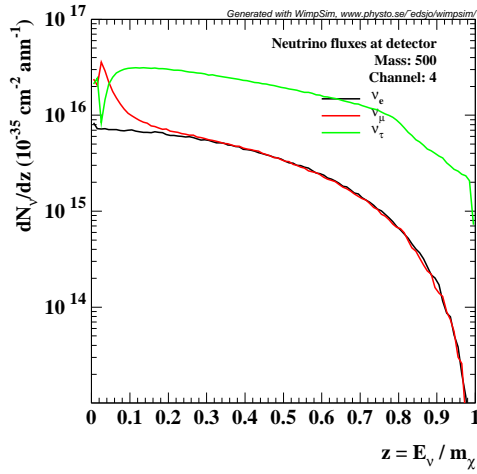
### 12.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



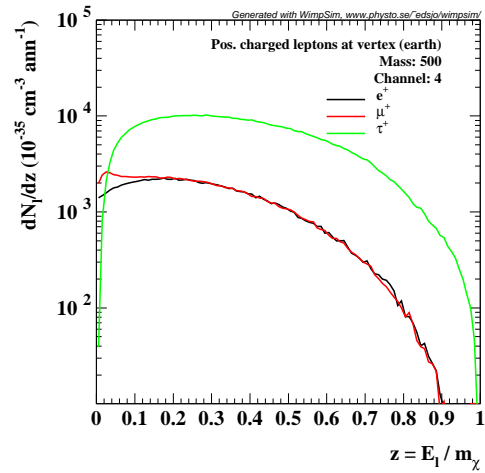
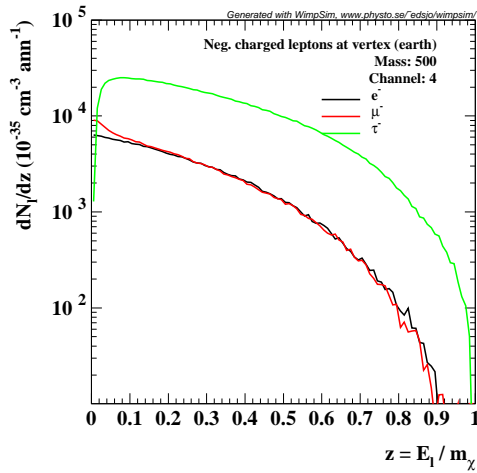
### 12.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



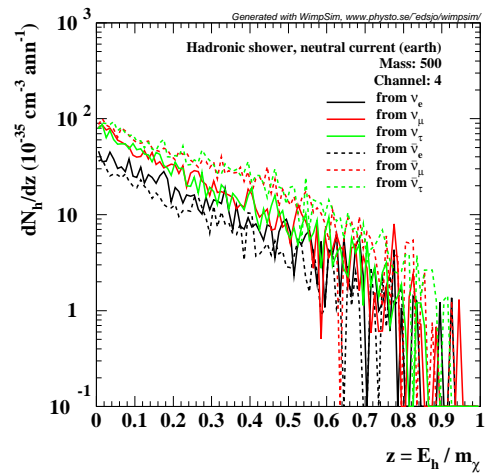
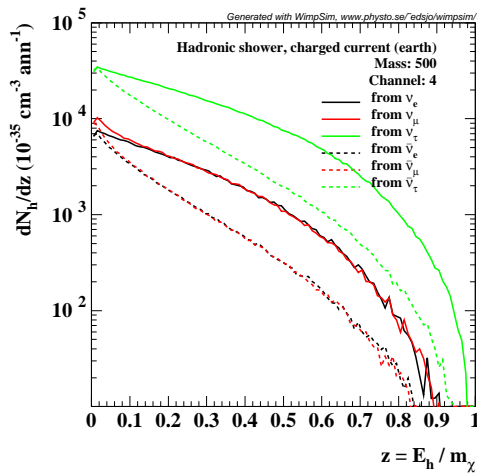
#### 12.4.4 Neutrino fluxes at detector (Earth)



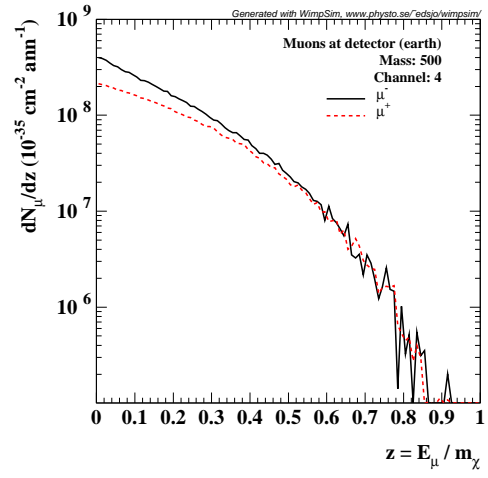
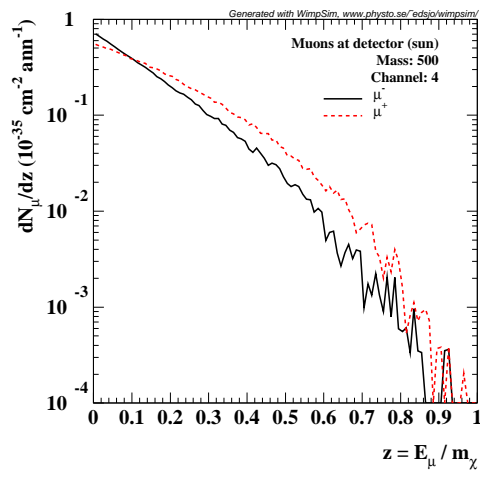
#### 12.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 12.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

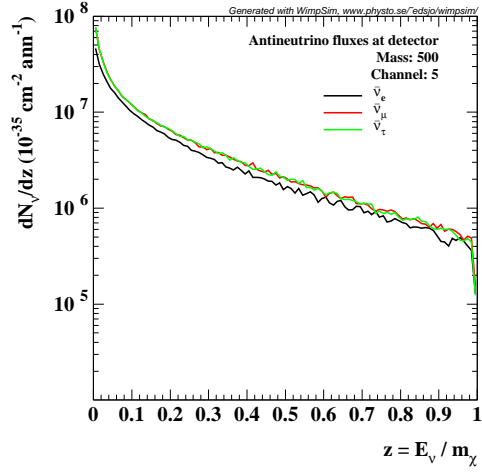
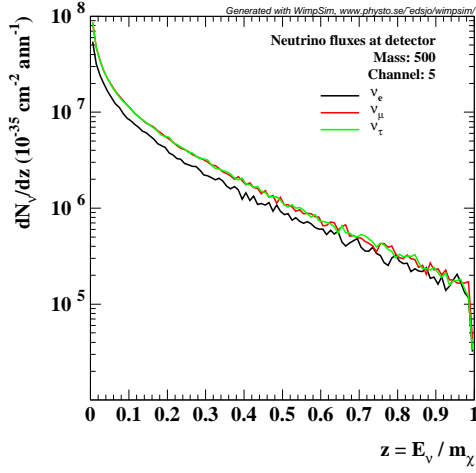


### 12.4.7 Muons at detector (Sun/Earth)

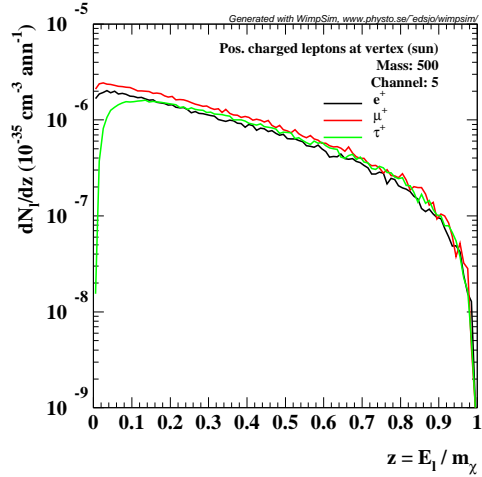
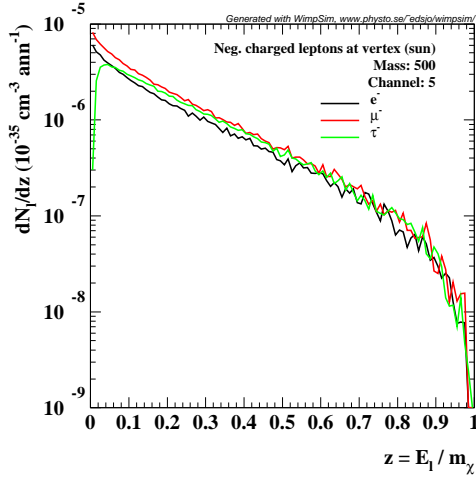


## 12.5 Channel 5 – $W^-W^+$

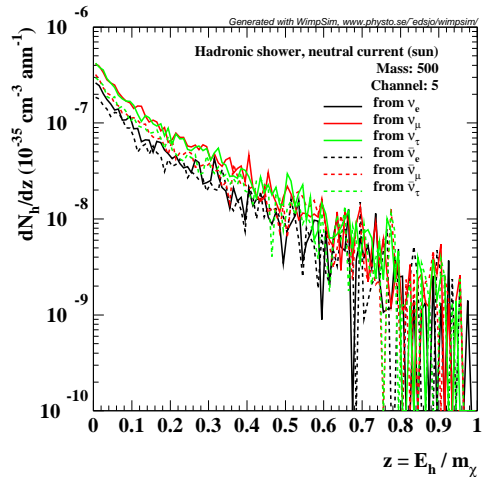
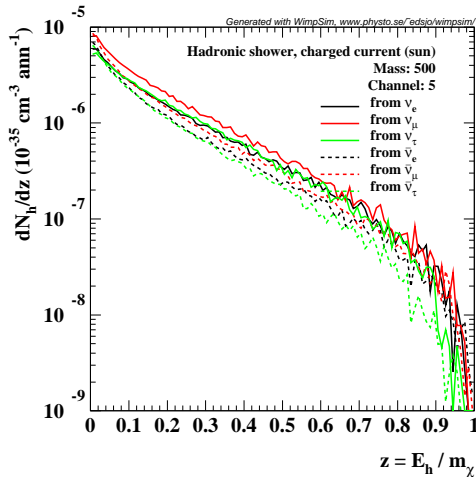
### 12.5.1 Neutrino fluxes at detector (Sun)



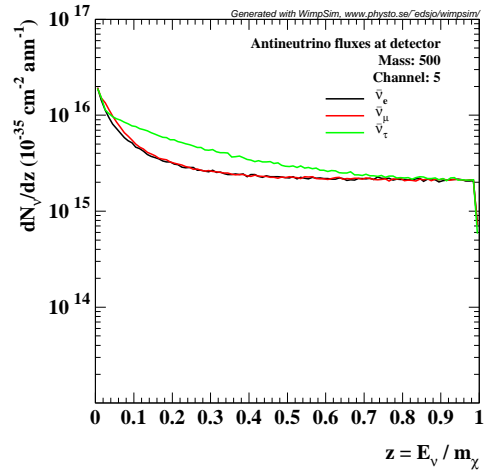
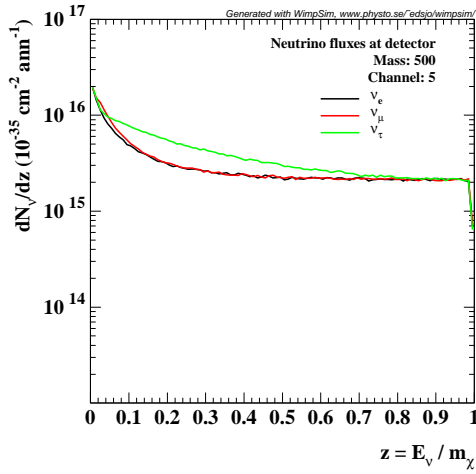
### 12.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



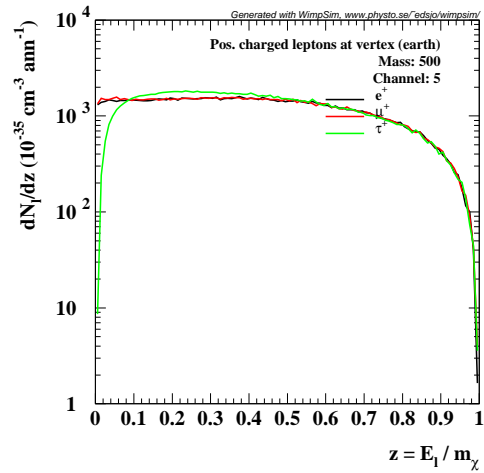
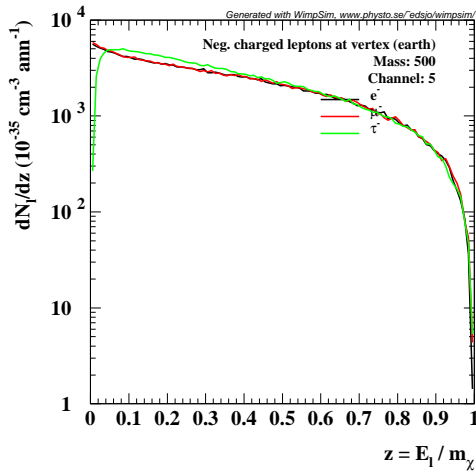
### 12.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



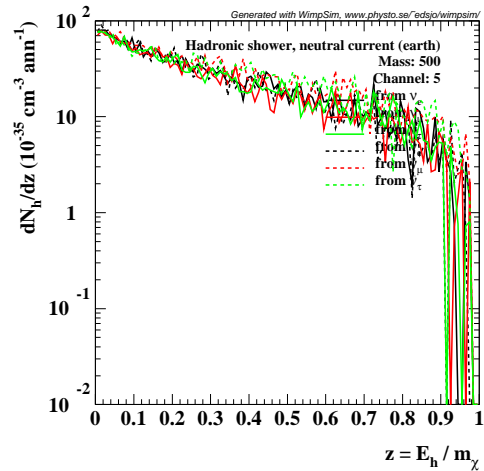
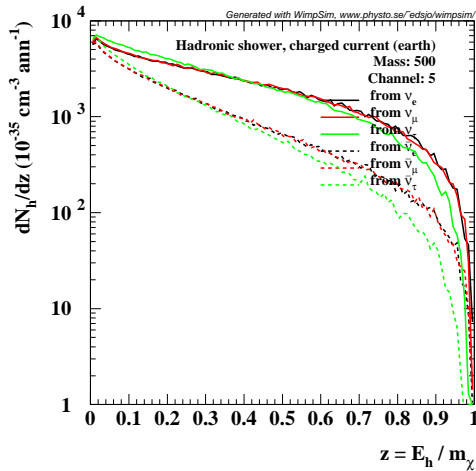
### 12.5.4 Neutrino fluxes at detector (Earth)



### 12.5.5 Charged leptons at neutrino-nucleon vertex (Earth)

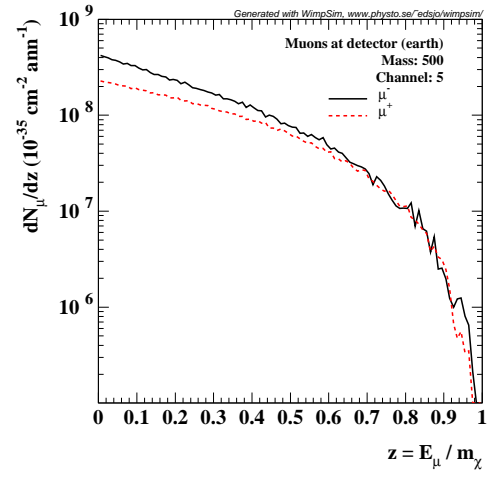
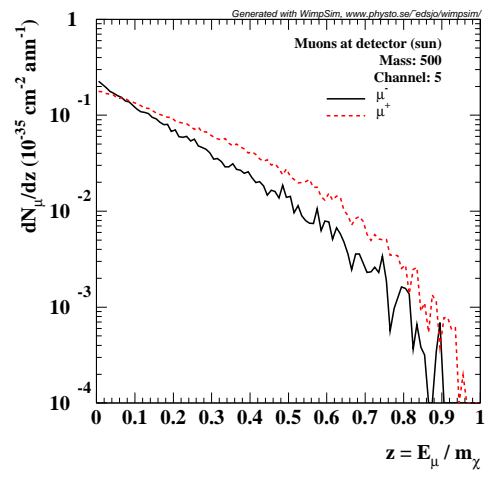


### 12.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)



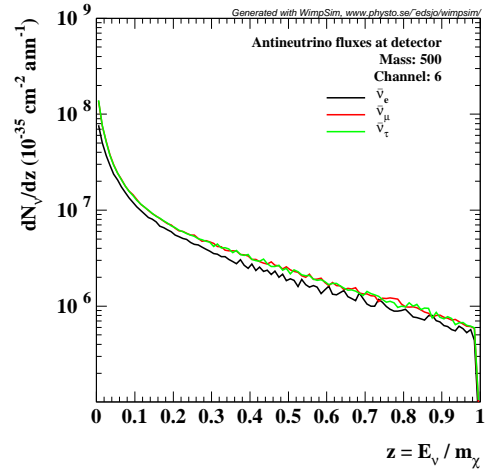
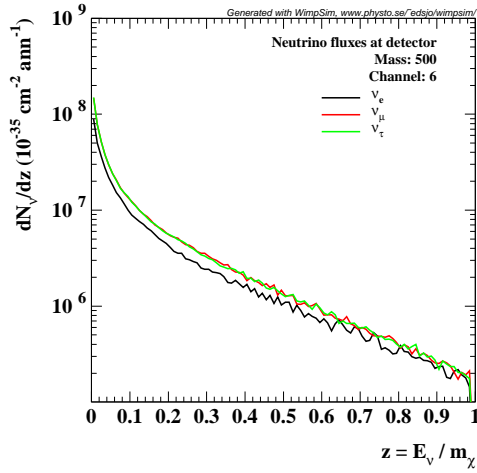


### 12.5.7 Muons at detector (Sun/Earth)

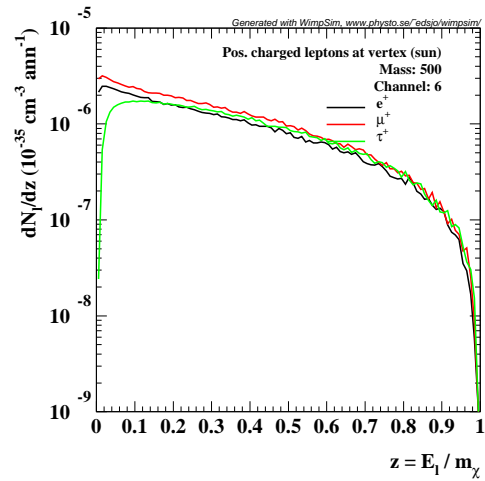
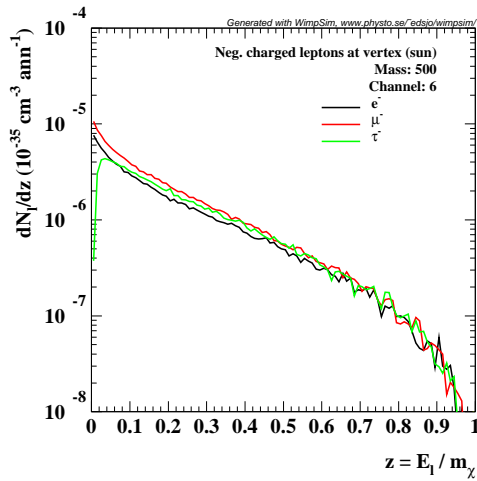


## 12.6 Channel 6 – $Z^0 Z^0$

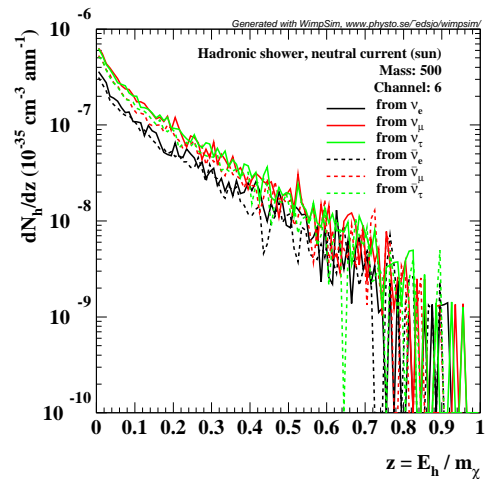
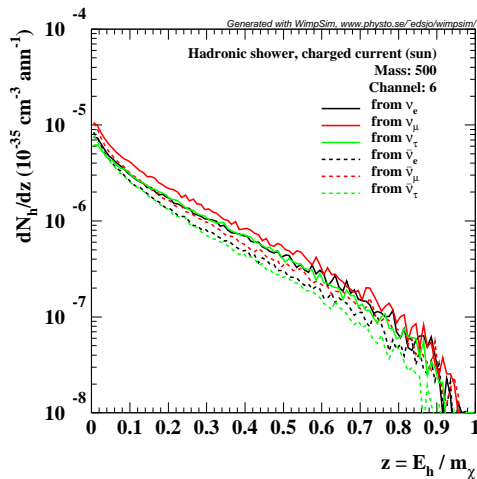
### 12.6.1 Neutrino fluxes at detector (Sun)



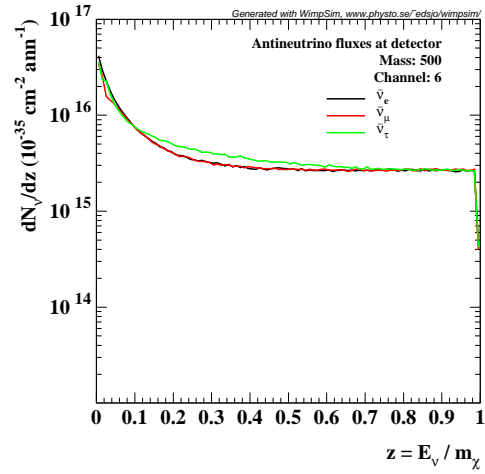
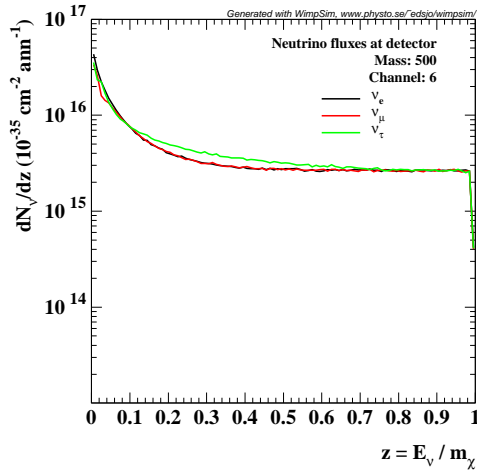
### 12.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



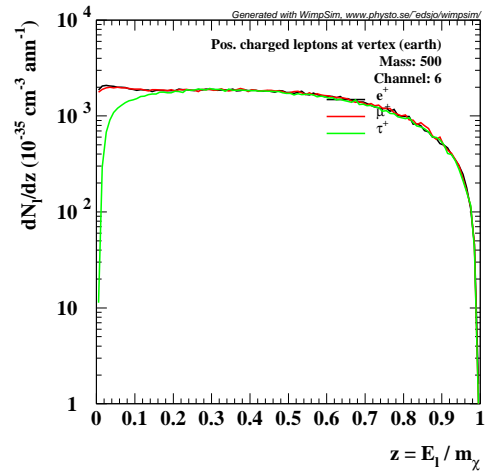
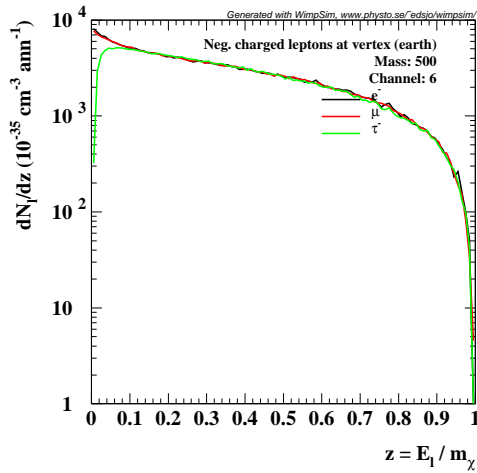
### 12.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



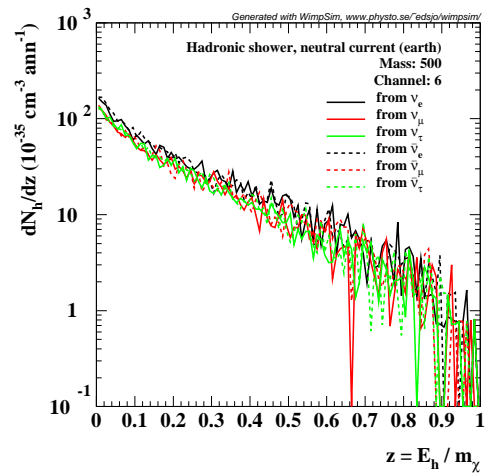
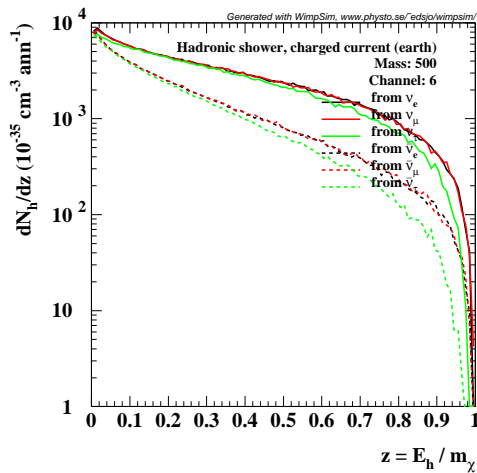
### 12.6.4 Neutrino fluxes at detector (Earth)



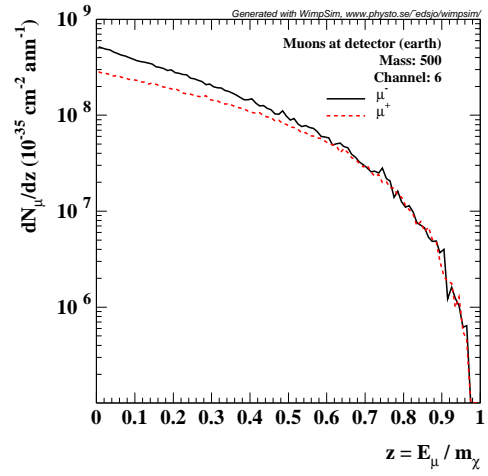
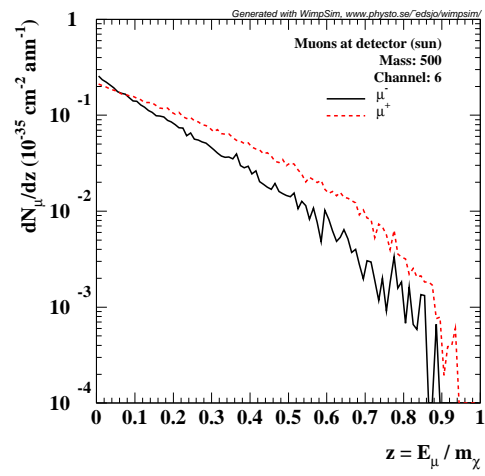
### 12.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 12.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

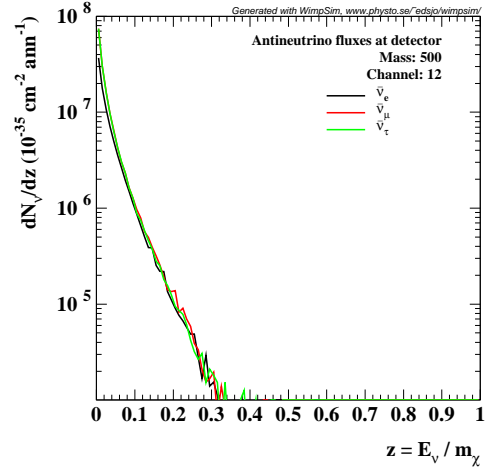
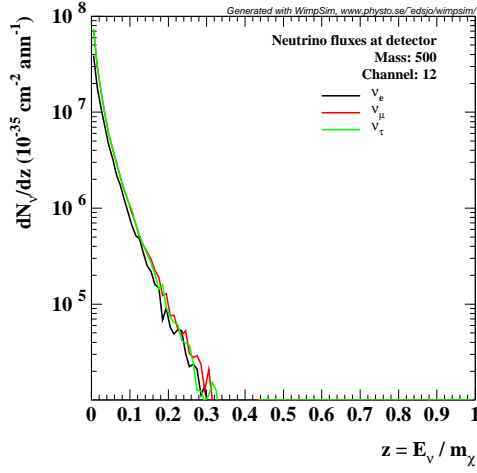


### 12.6.7 Muons at detector (Sun/Earth)

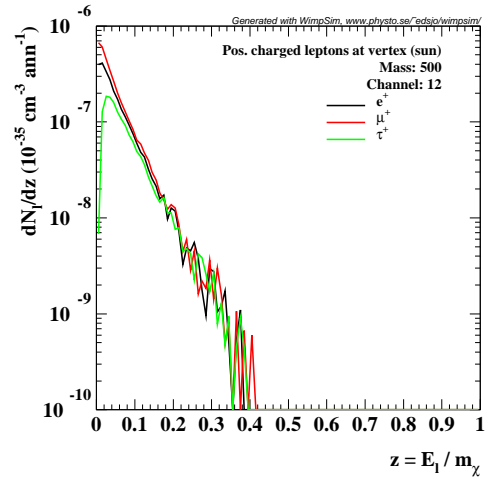
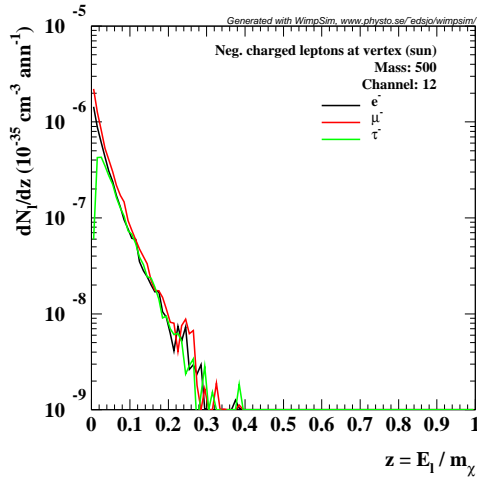


## 12.7 Channel 12 – $gg$

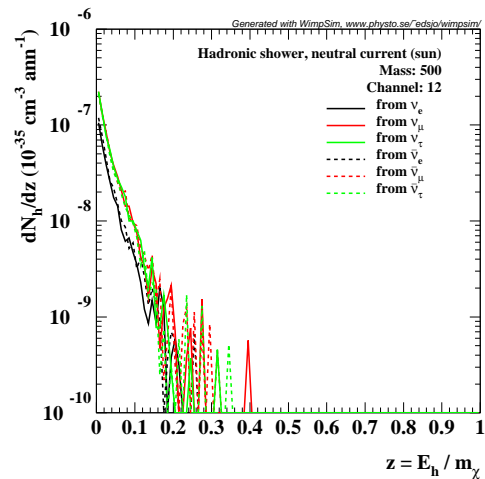
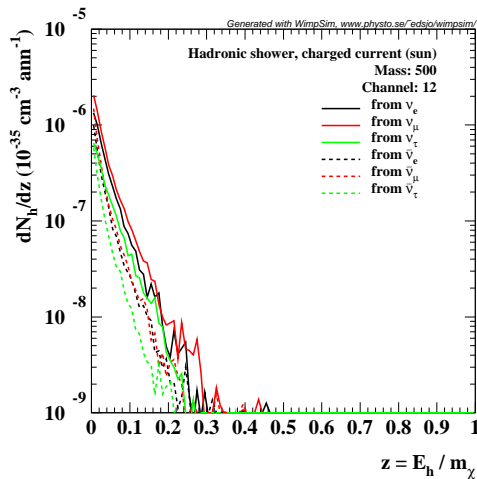
### 12.7.1 Neutrino fluxes at detector (Sun)



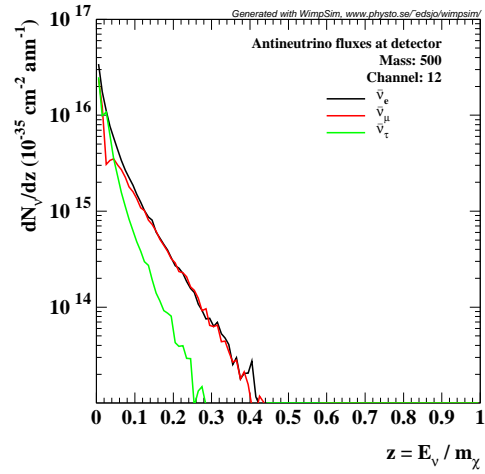
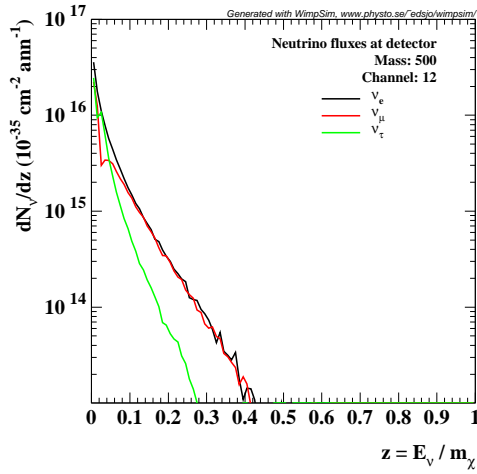
### 12.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



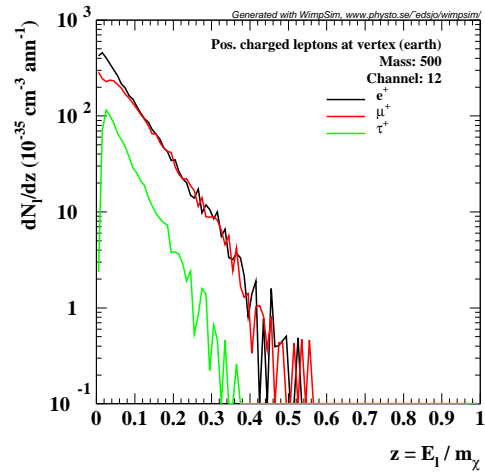
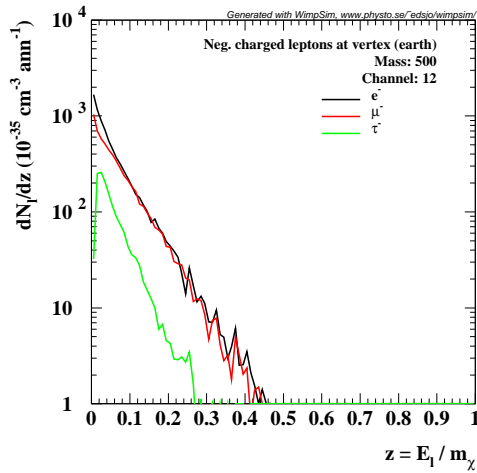
### 12.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



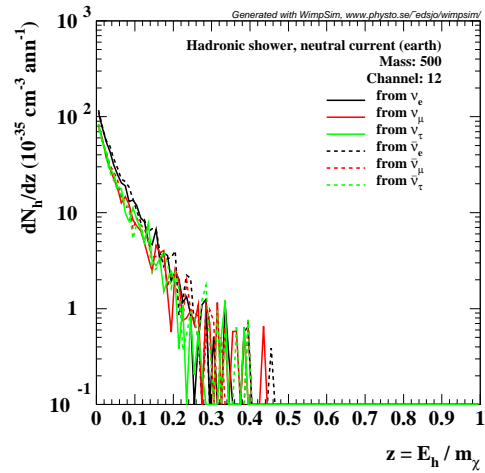
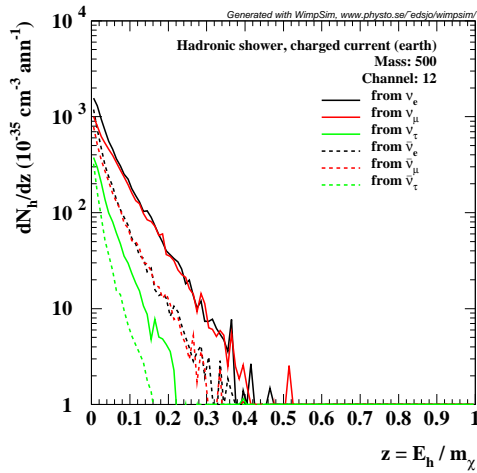
### 12.7.4 Neutrino fluxes at detector (Earth)



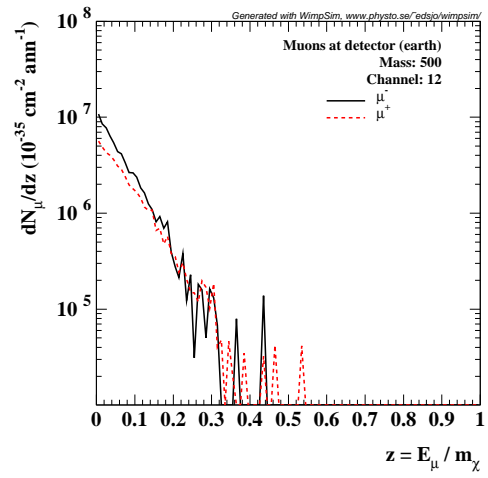
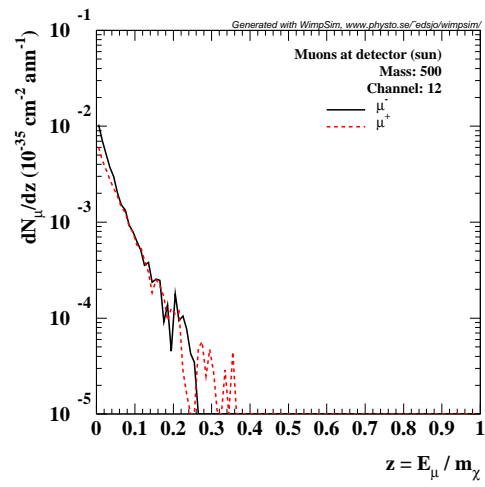
### 12.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 12.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)

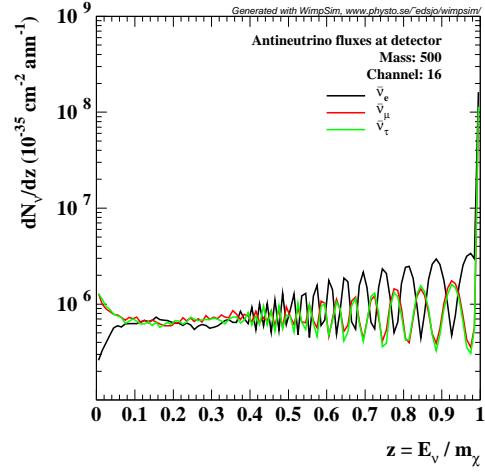
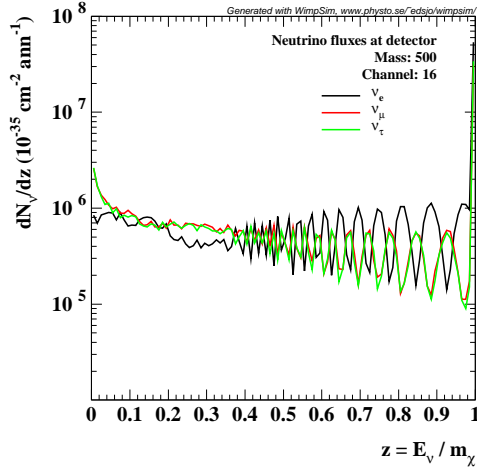


### 12.7.7 Muons at detector (Sun/Earth)

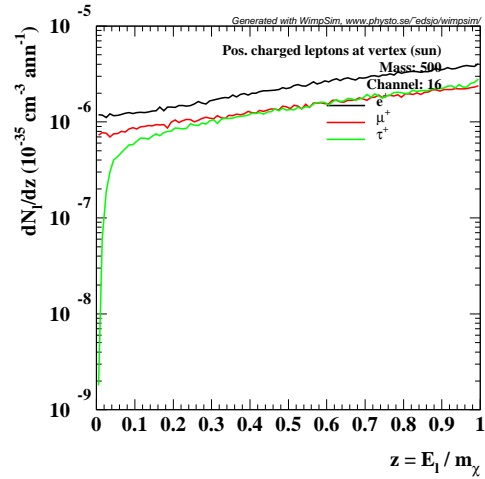
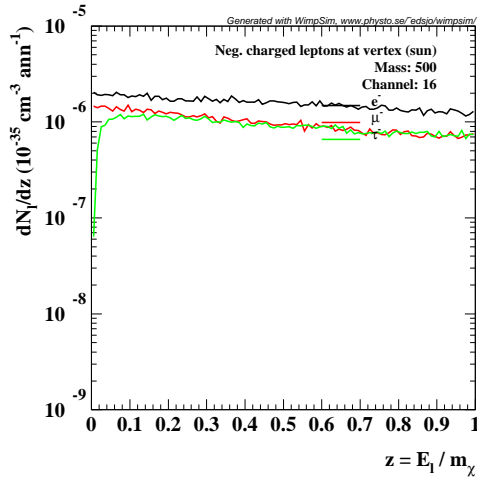


## 12.8 Channel 16 – $\nu_e \bar{\nu}_e$

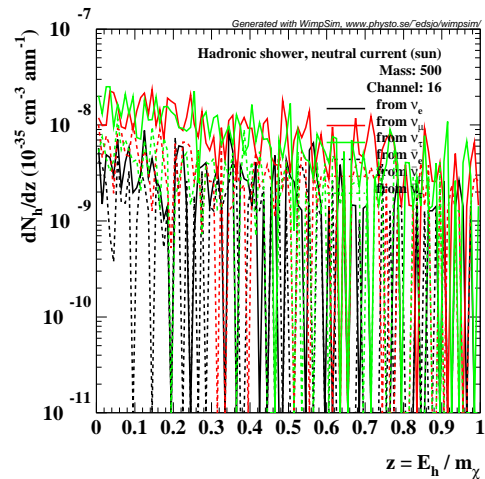
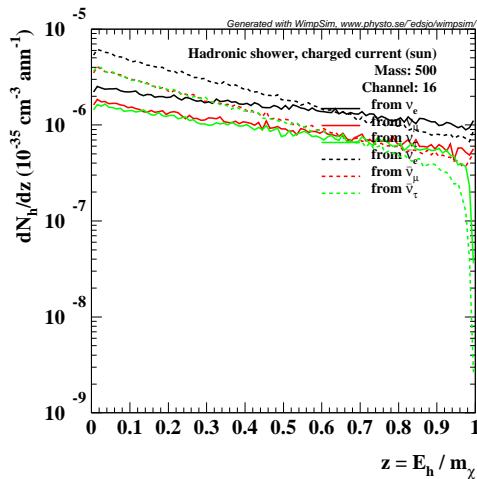
### 12.8.1 Neutrino fluxes at detector (Sun)



### 12.8.2 Charged leptons at neutrino-nucleon vertex (Sun)

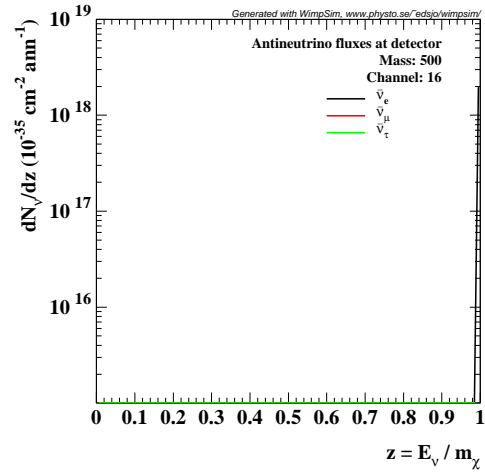
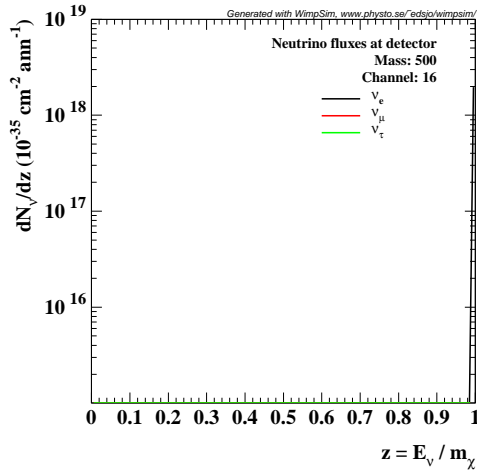


### 12.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)

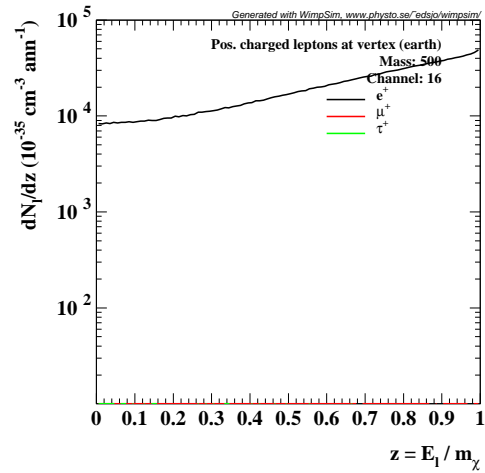
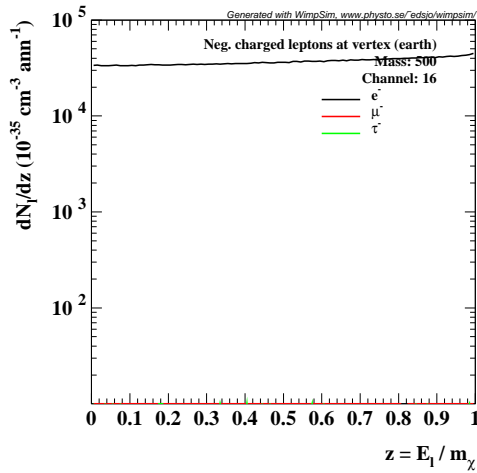




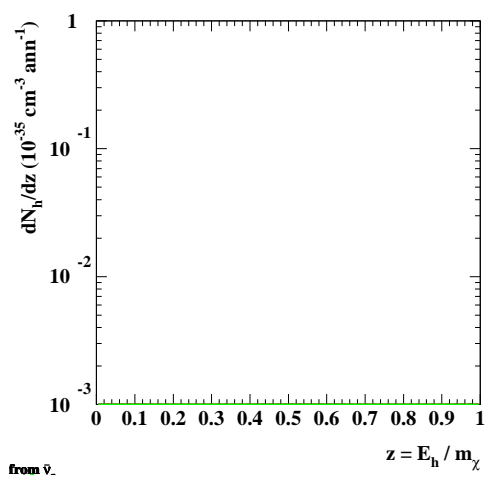
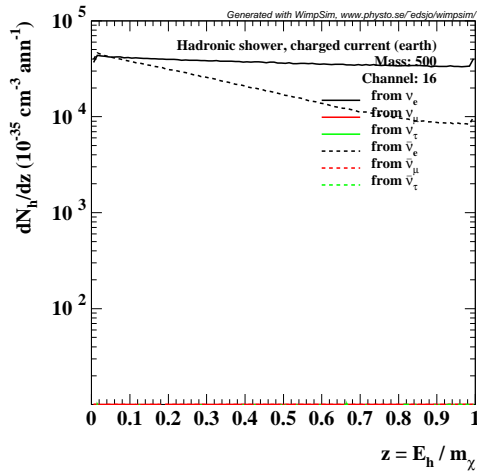
### 12.8.4 Neutrino fluxes at detector (Earth)



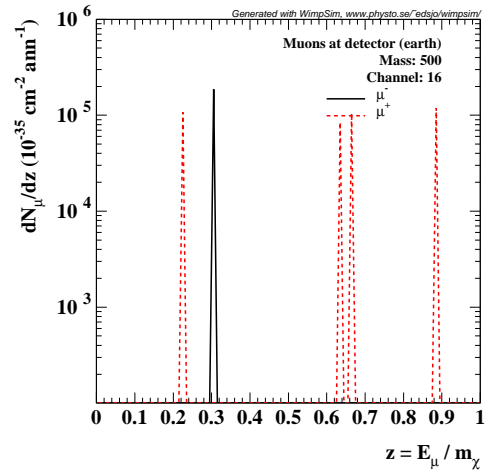
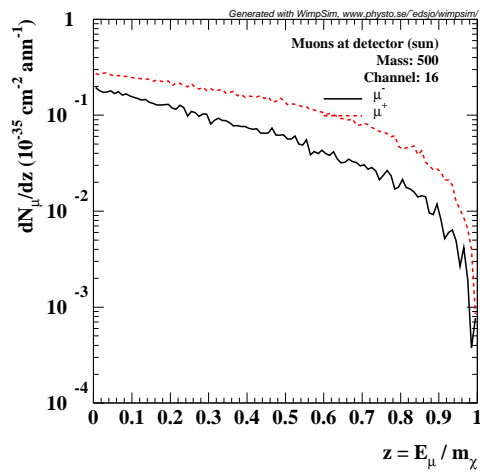
### 12.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 12.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)

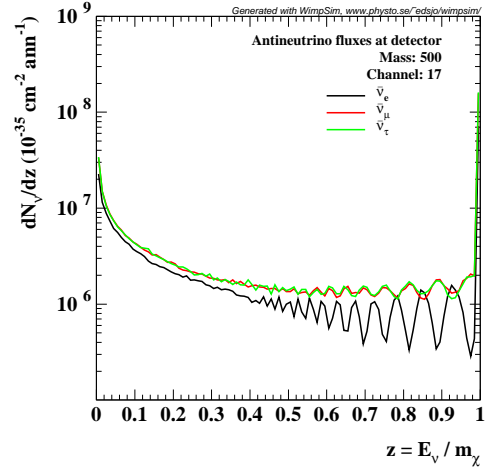
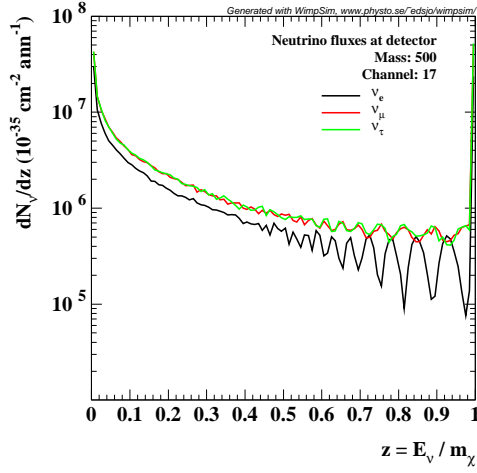


### 12.8.7 Muons at detector (Sun/Earth)

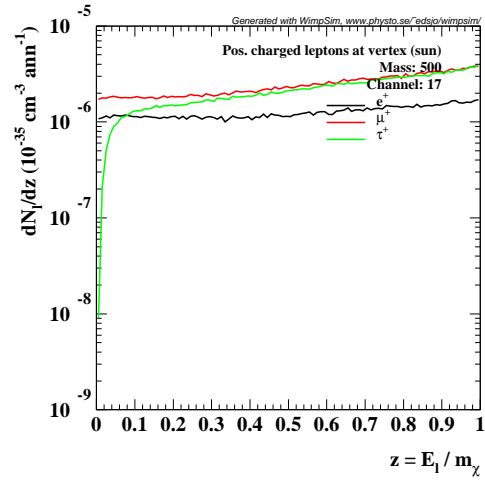
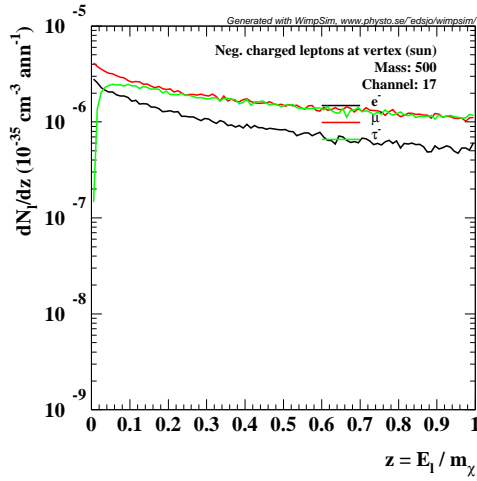


## 12.9 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

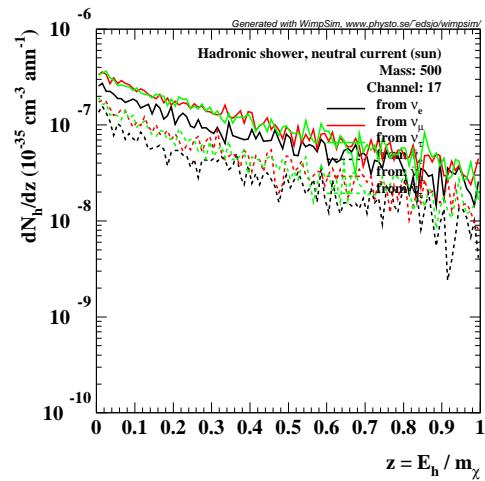
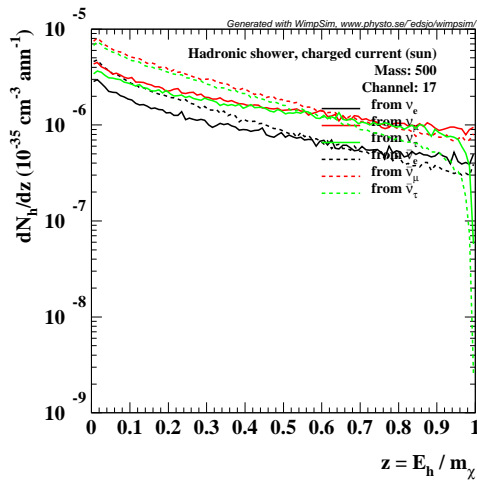
### 12.9.1 Neutrino fluxes at detector (Sun)



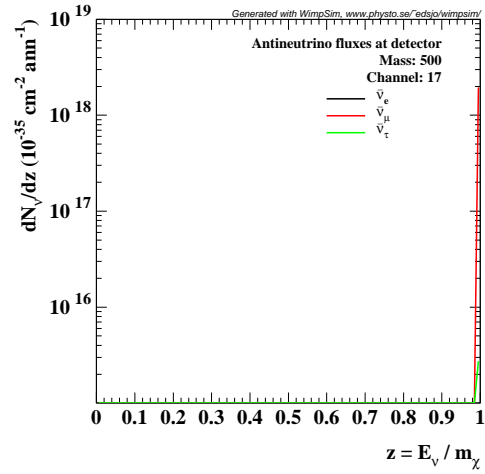
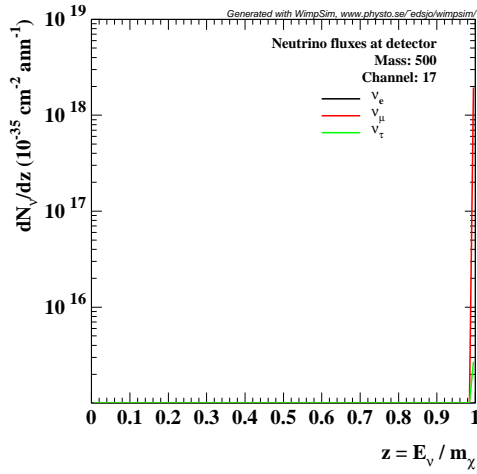
### 12.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



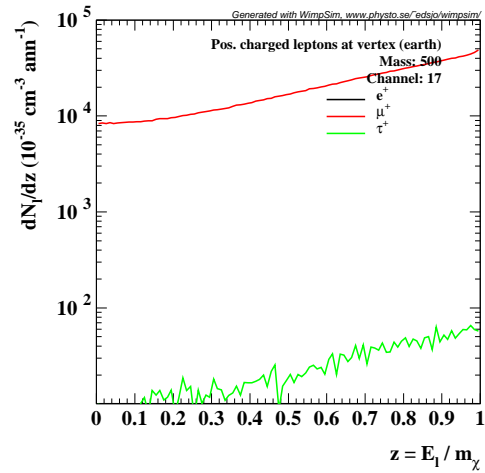
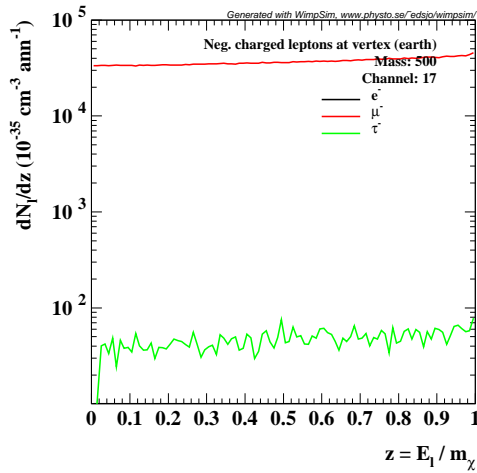
### 12.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



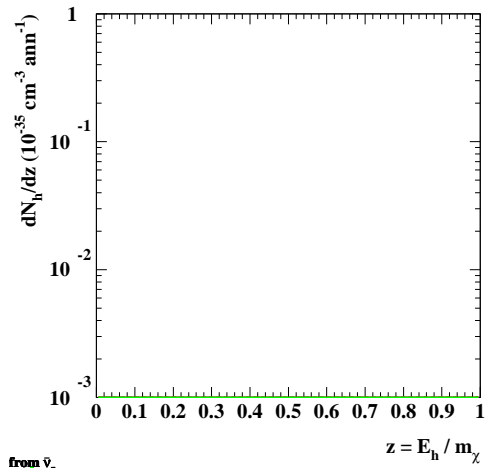
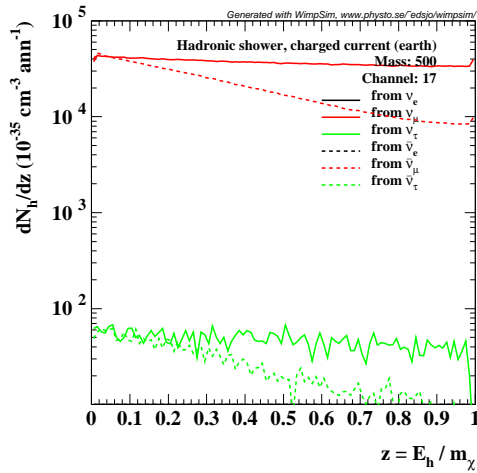
### 12.9.4 Neutrino fluxes at detector (Earth)



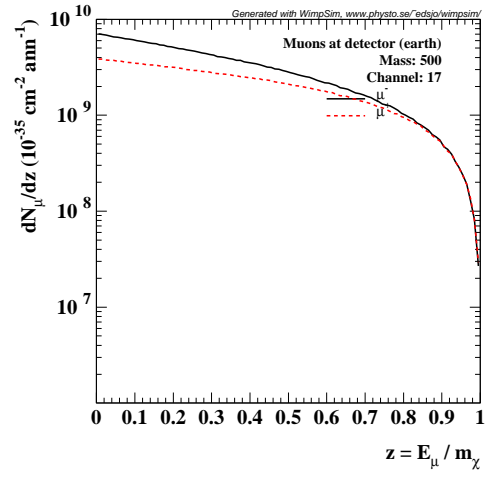
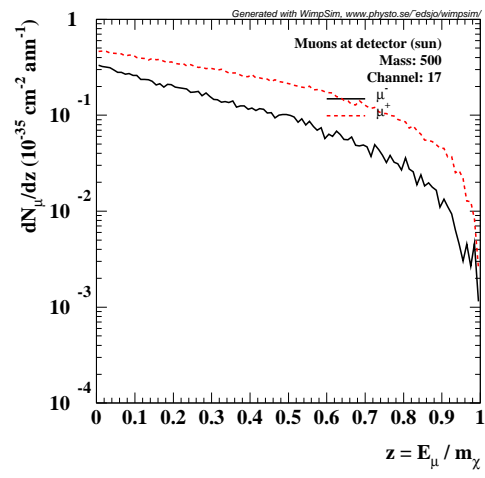
### 12.9.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 12.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)

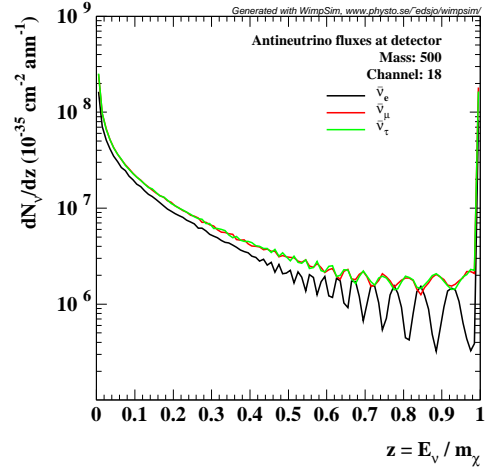
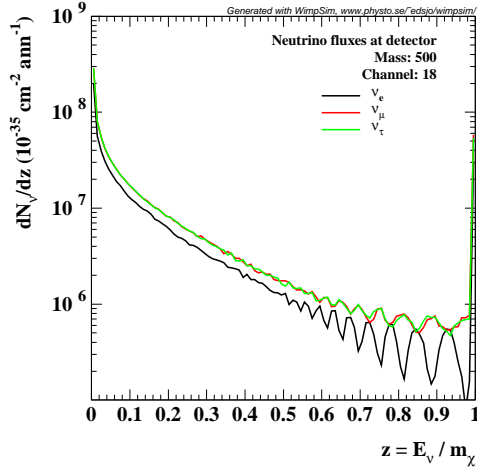


### 12.9.7 Muons at detector (Sun/Earth)

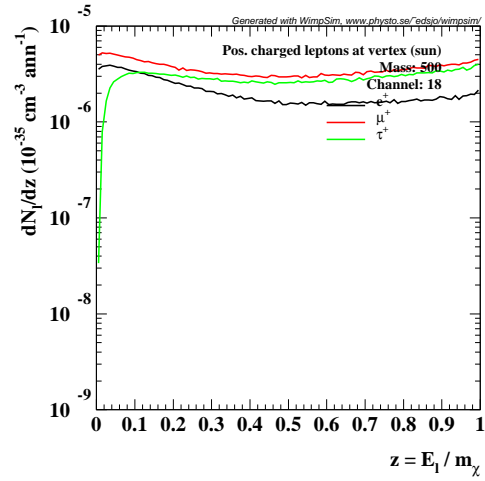
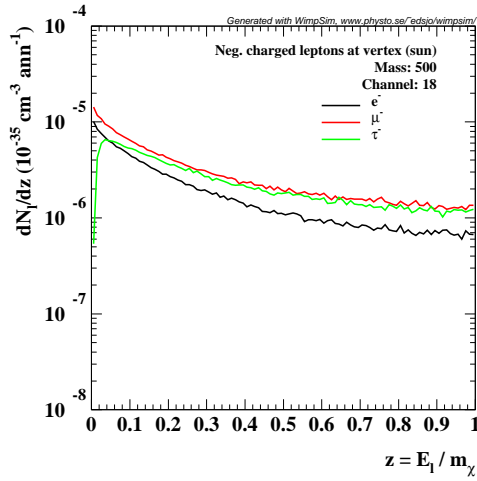


## 12.10 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

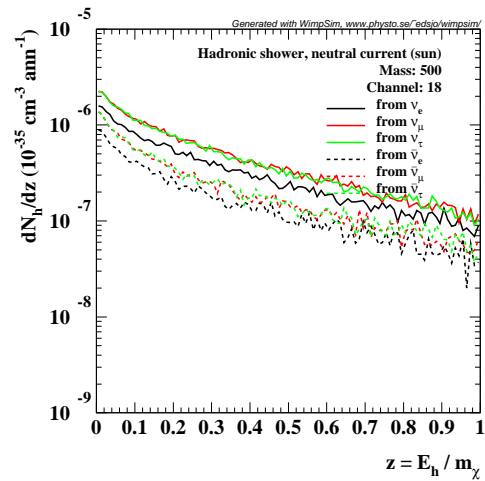
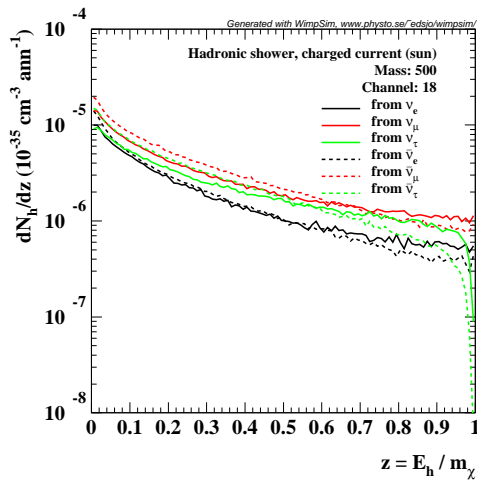
### 12.10.1 Neutrino fluxes at detector (Sun)



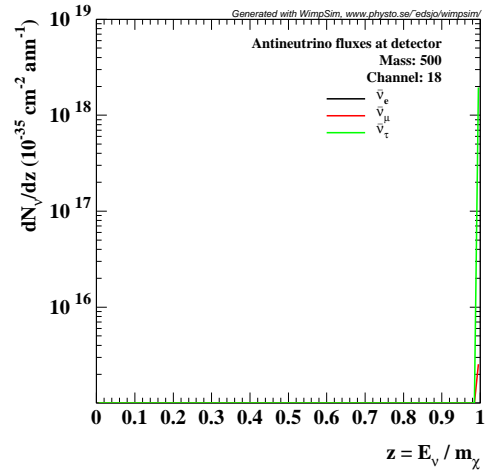
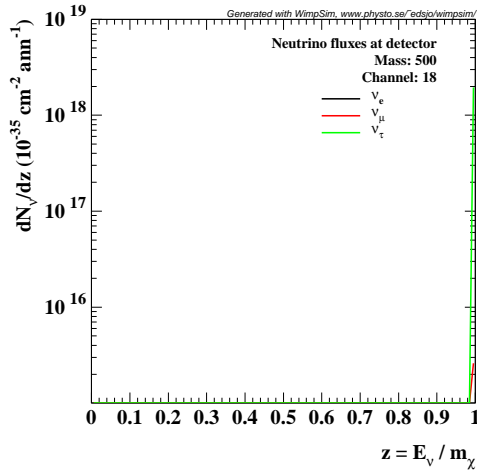
### 12.10.2 Charged leptons at neutrino-nucleon vertex (Sun)



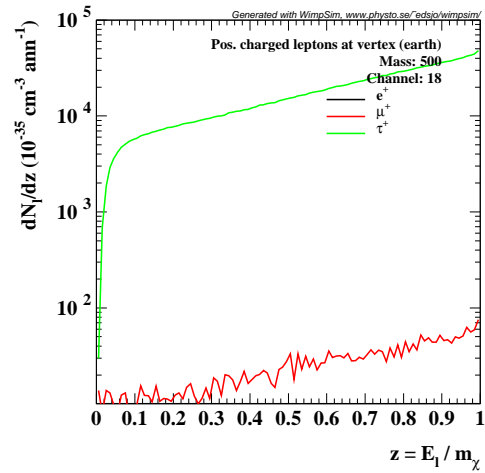
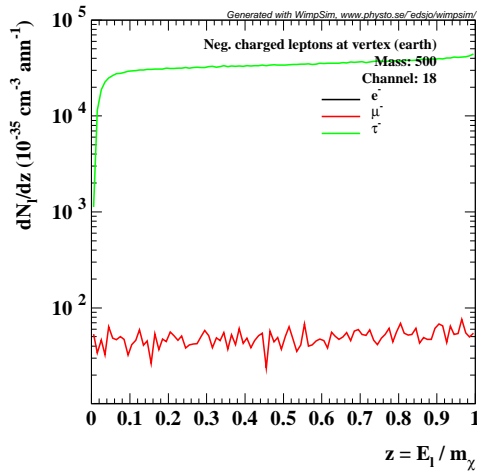
### 12.10.3 Hadronic shower at neutrino-nucleon vertex (Sun)



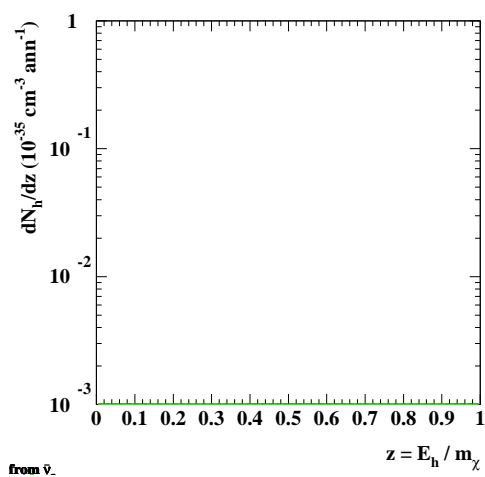
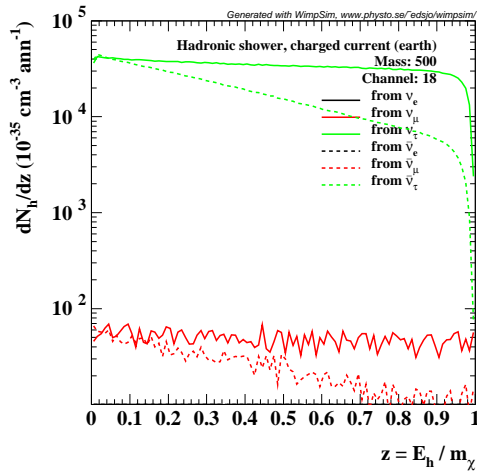
### 12.10.4 Neutrino fluxes at detector (Earth)



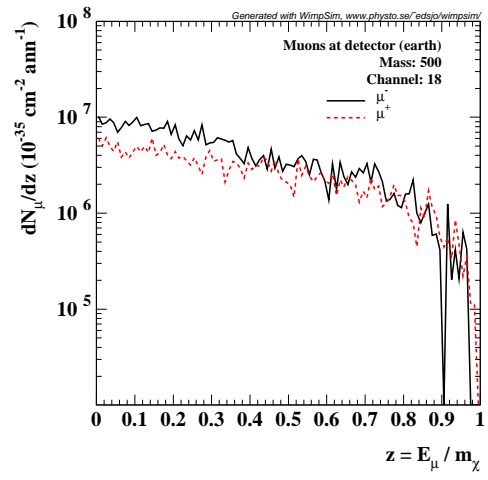
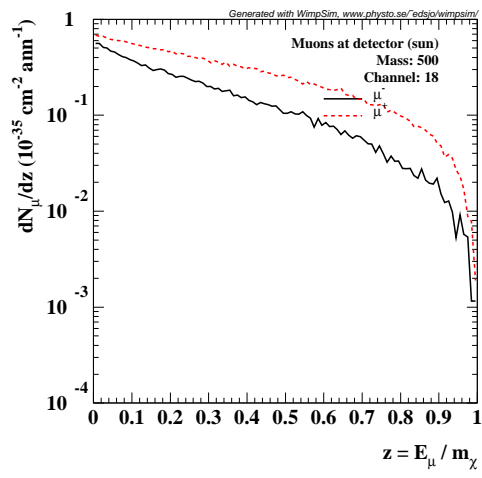
### 12.10.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 12.10.6 Hadronic shower at neutrino-nucleon vertex (Earth)



### 12.10.7 Muons at detector (Sun/Earth)

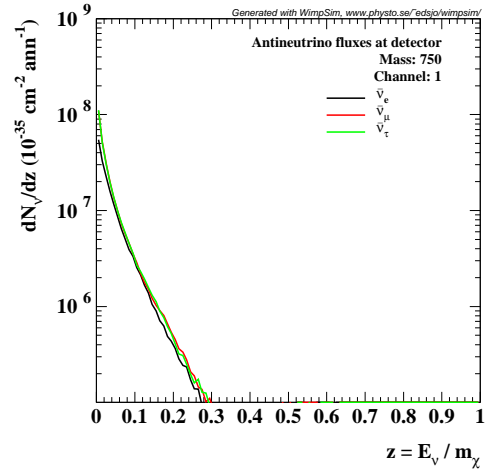
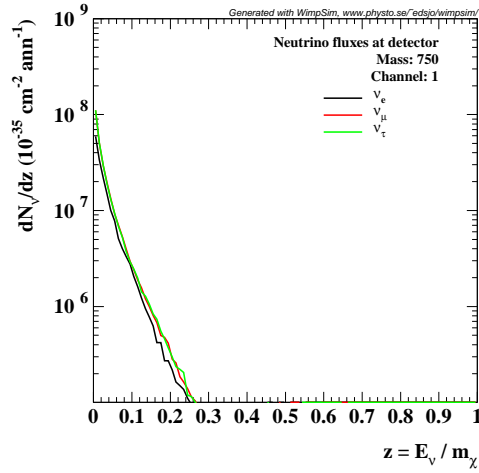




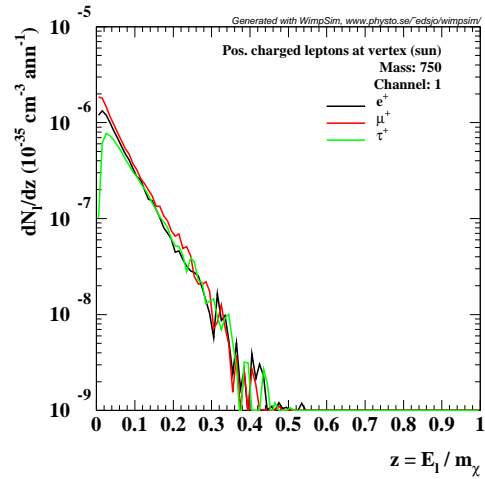
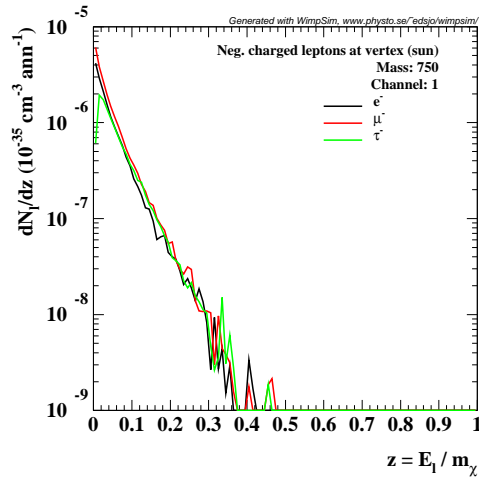
## 13 Mass 750

### 13.1 Channel 1 – $c\bar{c}$

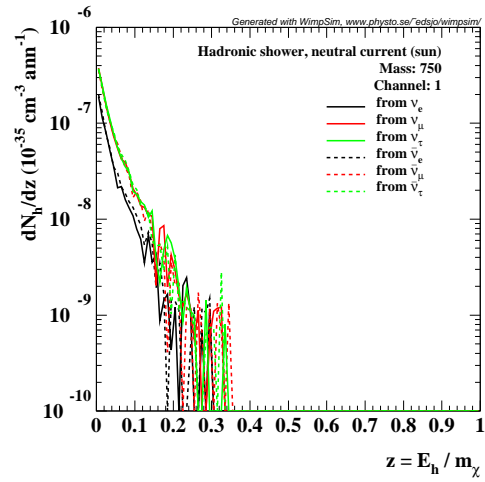
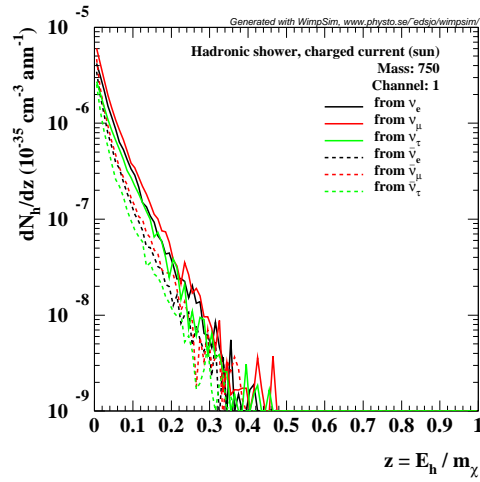
#### 13.1.1 Neutrino fluxes at detector (Sun)



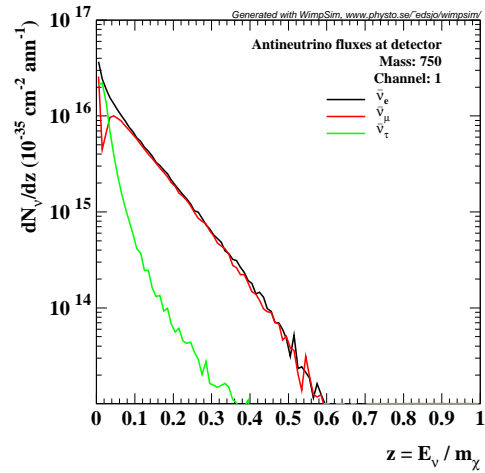
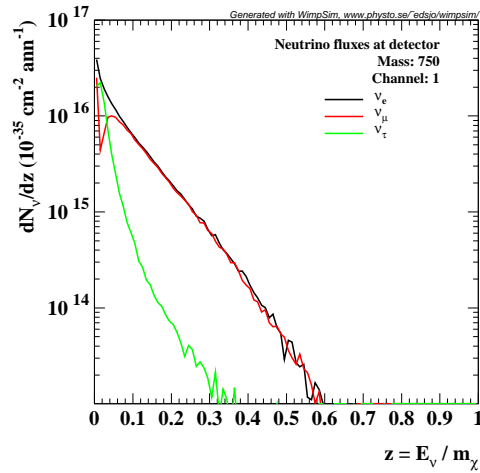
#### 13.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



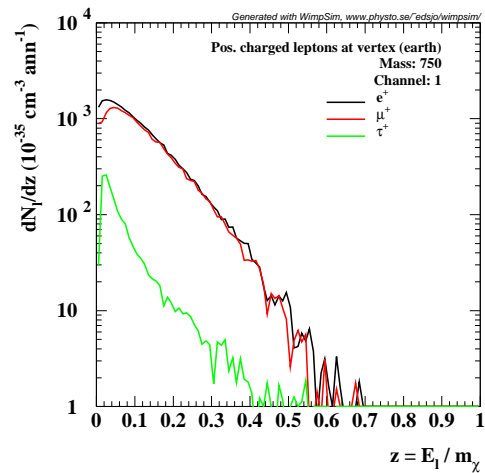
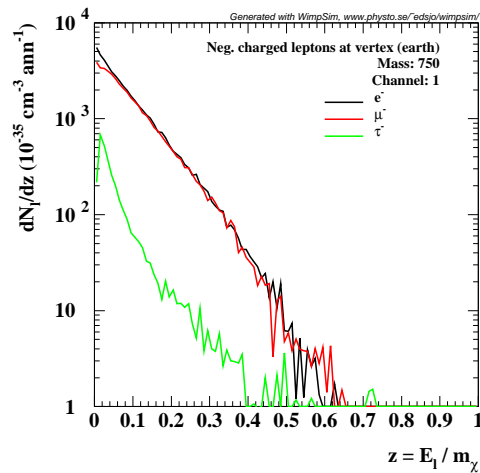
### 13.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



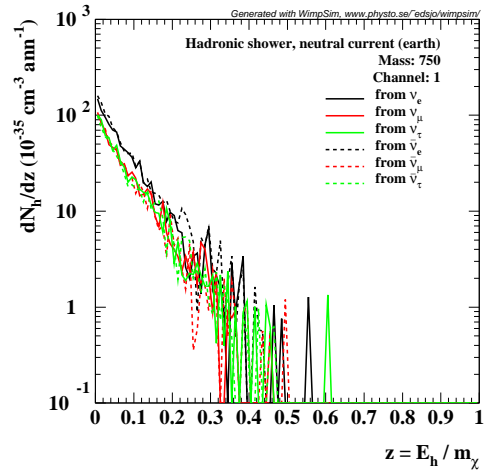
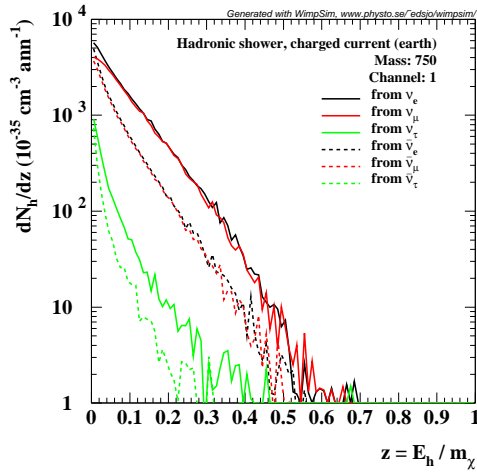
### 13.1.4 Neutrino fluxes at detector (Earth)



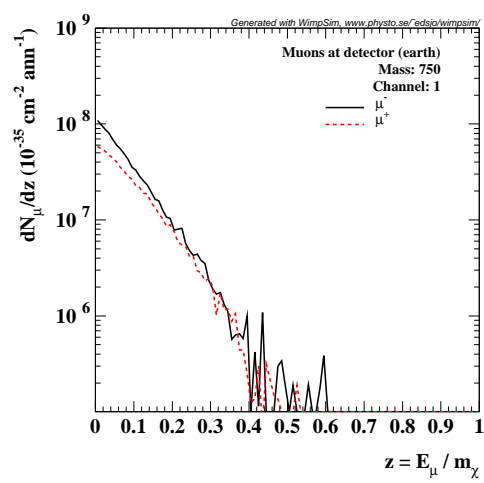
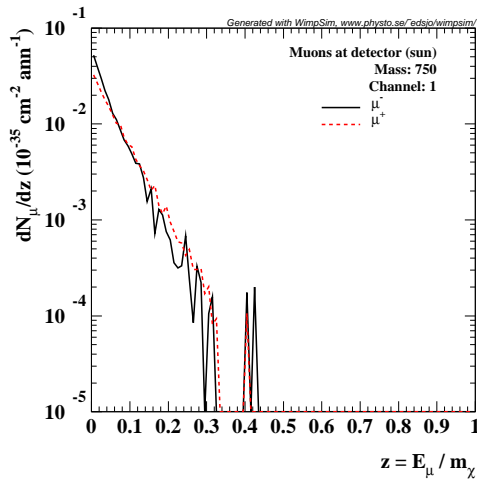
### 13.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 13.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

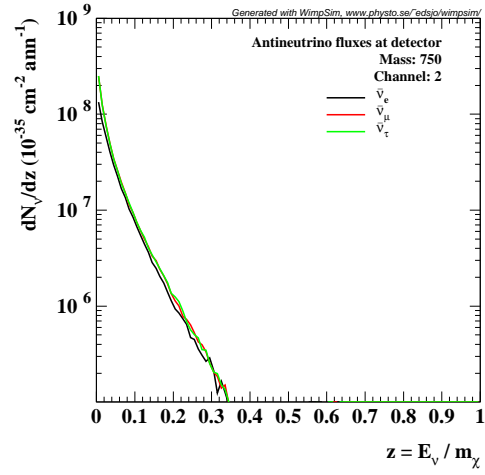
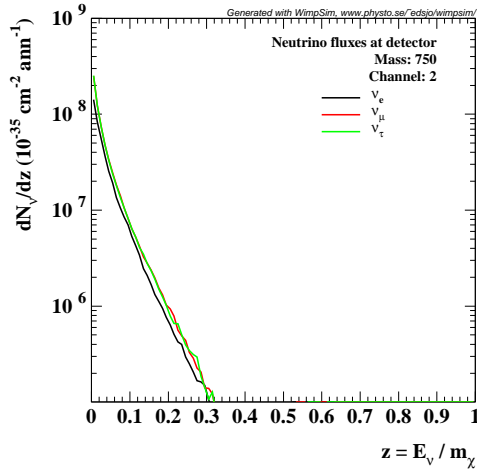


### 13.1.7 Muons at detector (Sun/Earth)

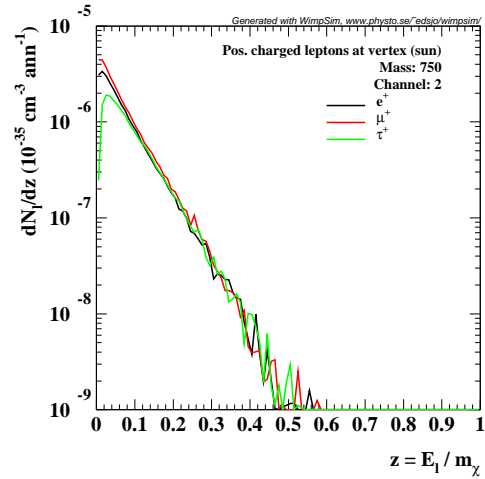
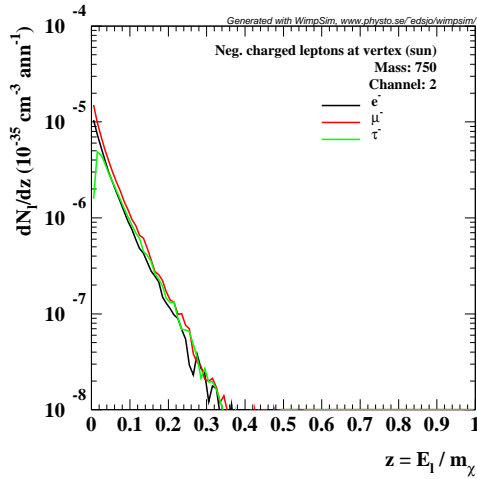


## 13.2 Channel 2 – $b\bar{b}$

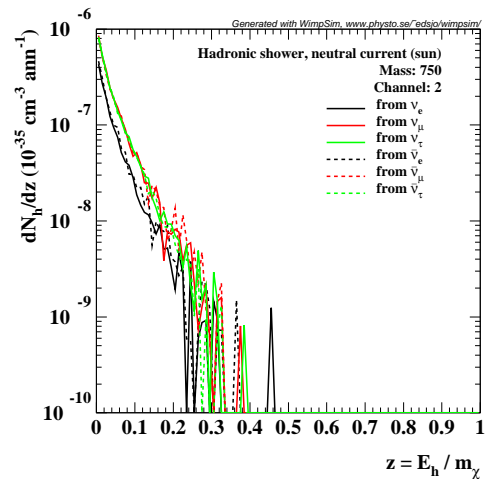
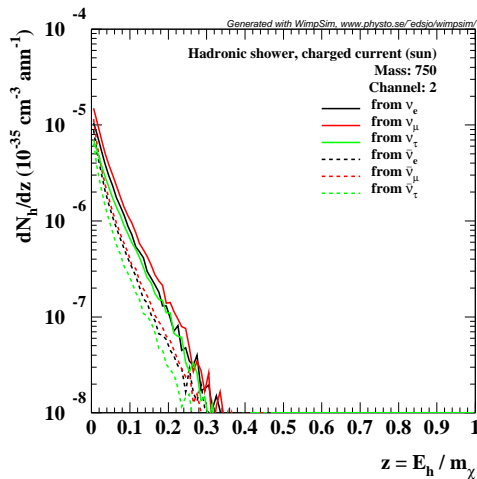
### 13.2.1 Neutrino fluxes at detector (Sun)



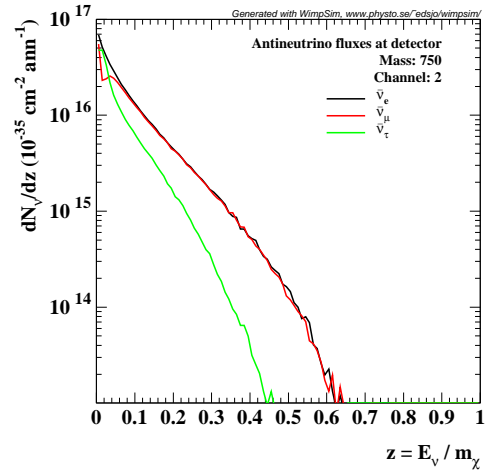
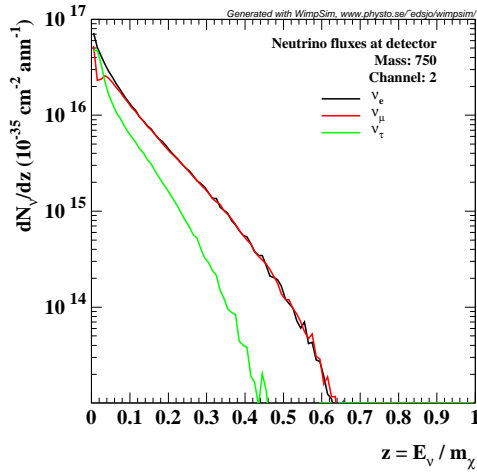
### 13.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



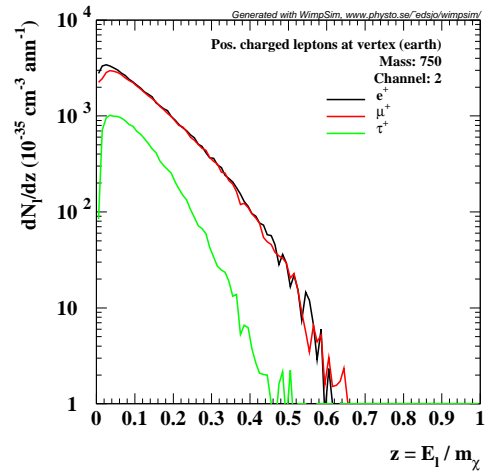
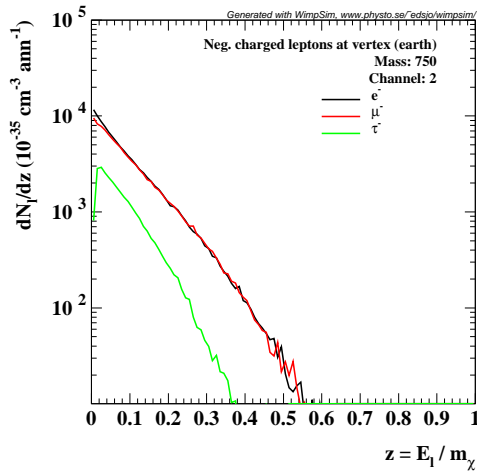
### 13.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



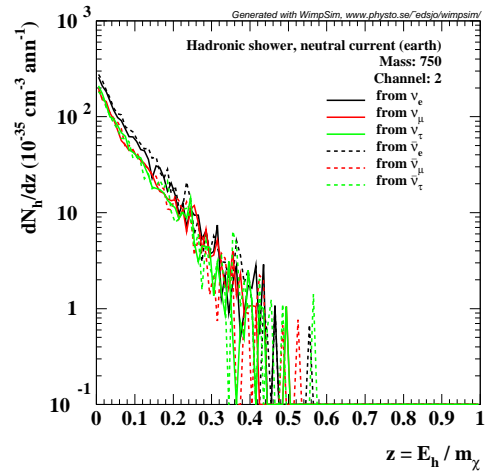
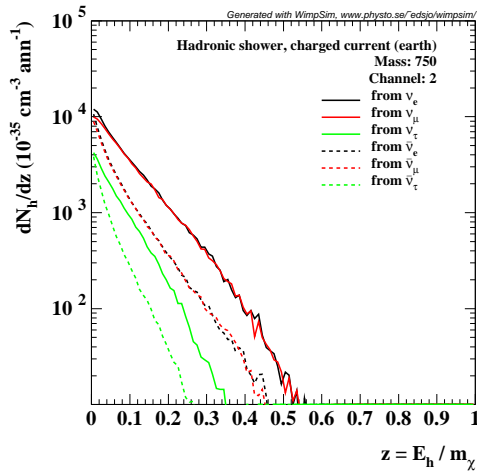
### 13.2.4 Neutrino fluxes at detector (Earth)



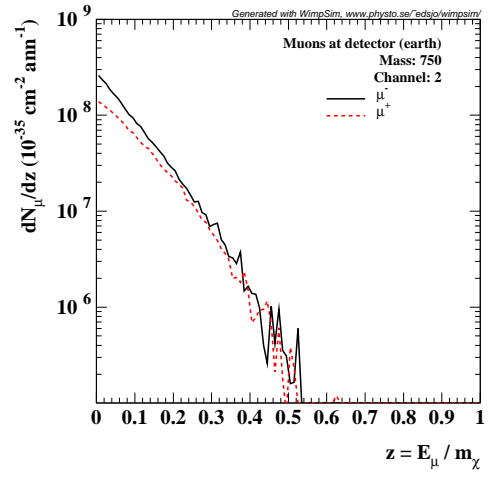
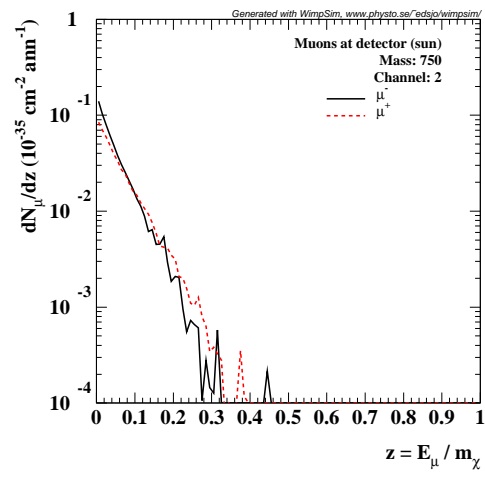
### 13.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 13.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

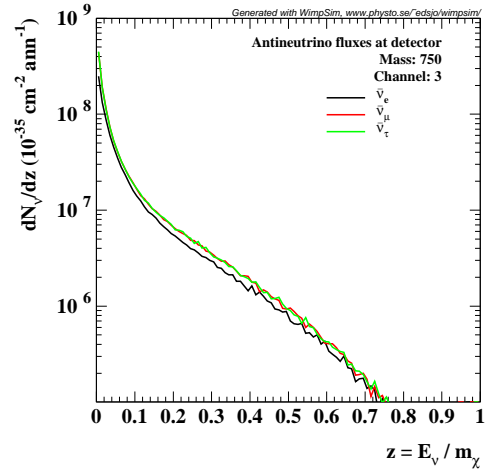
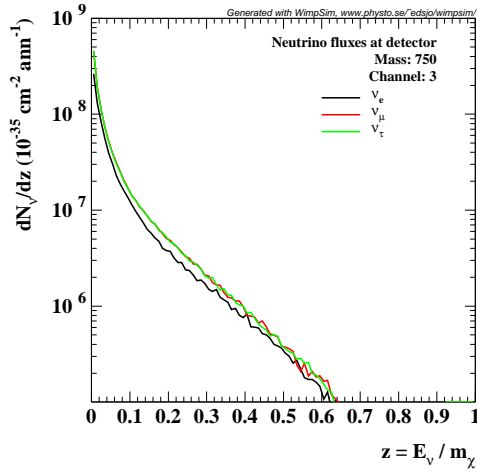


### 13.2.7 Muons at detector (Sun/Earth)

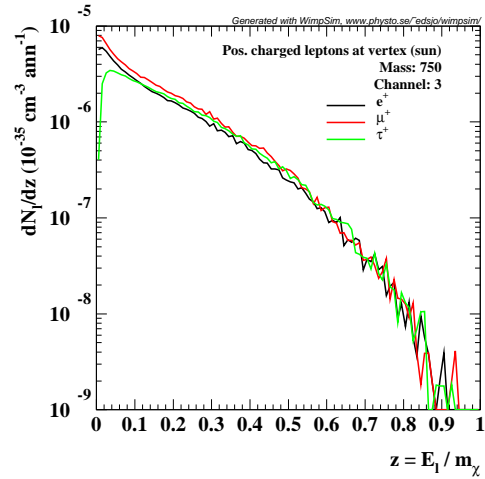
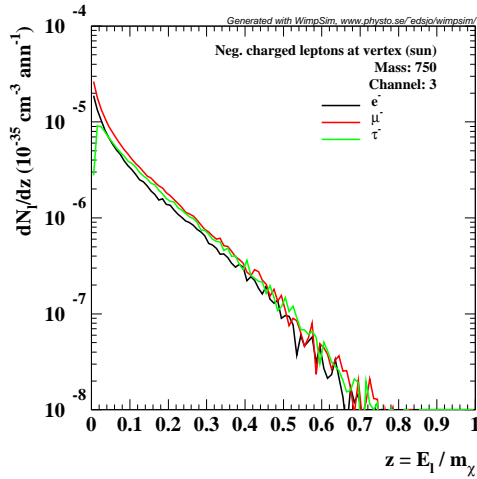


### 13.3 Channel 3 – $t\bar{t}$

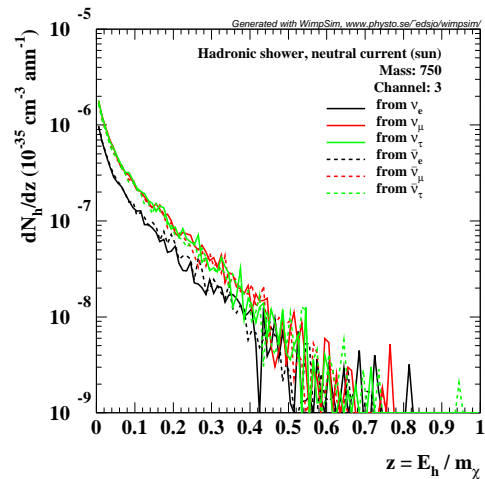
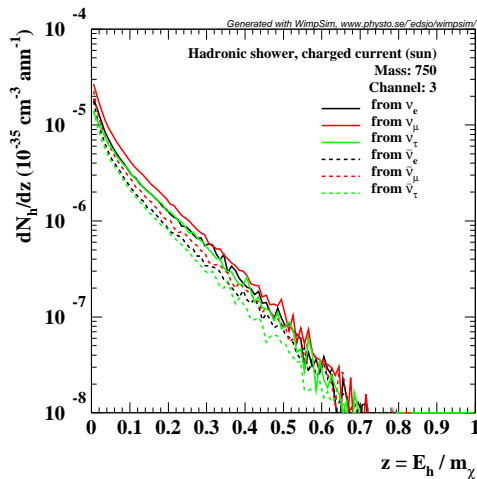
#### 13.3.1 Neutrino fluxes at detector (Sun)



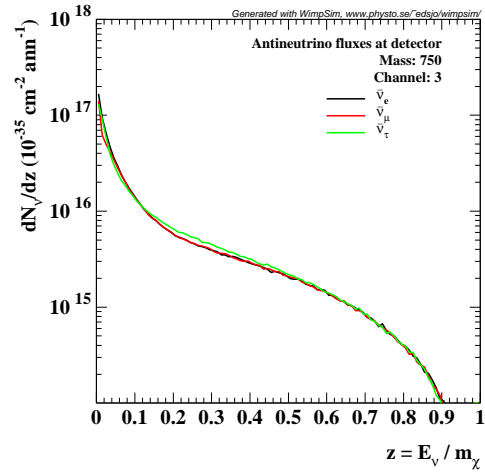
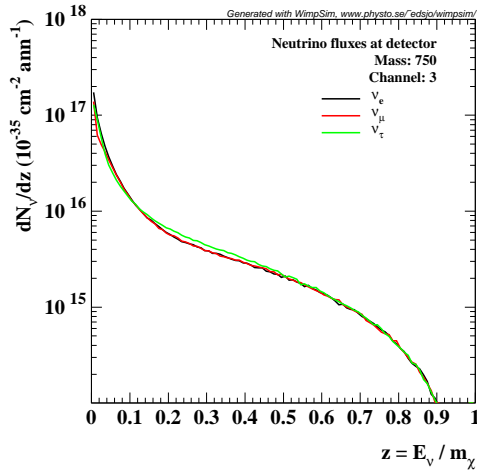
#### 13.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



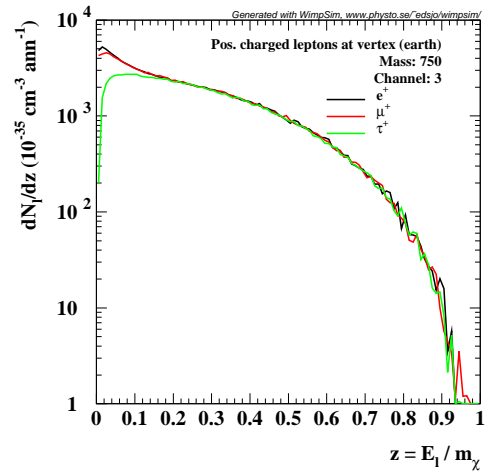
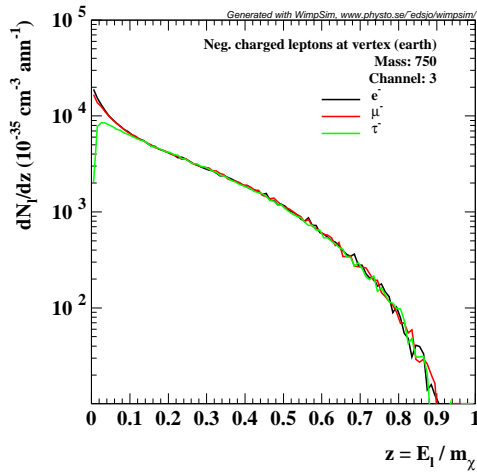
#### 13.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



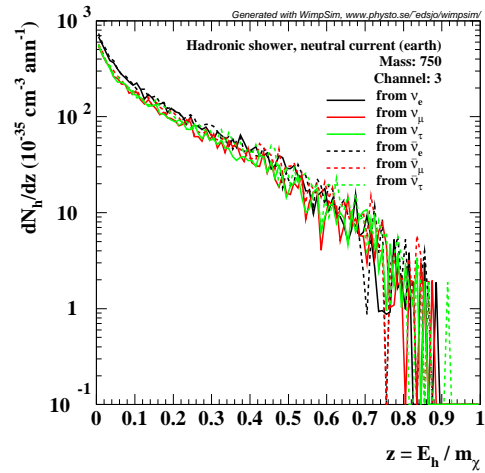
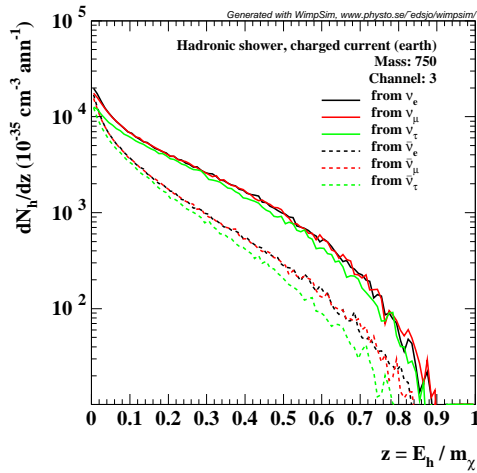
### 13.3.4 Neutrino fluxes at detector (Earth)



### 13.3.5 Charged leptons at neutrino-nucleon vertex (Earth)

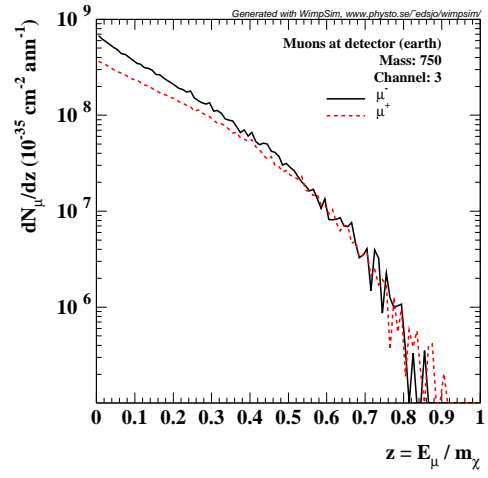
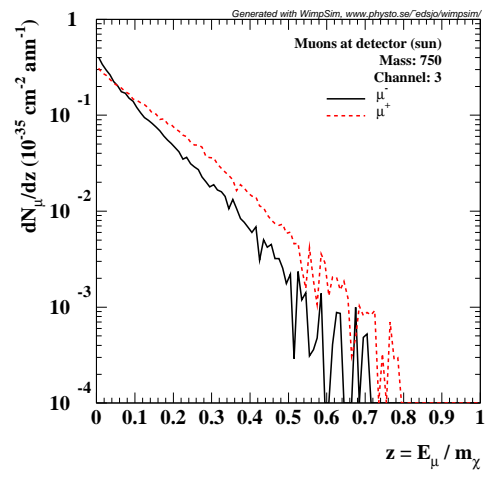


### 13.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)



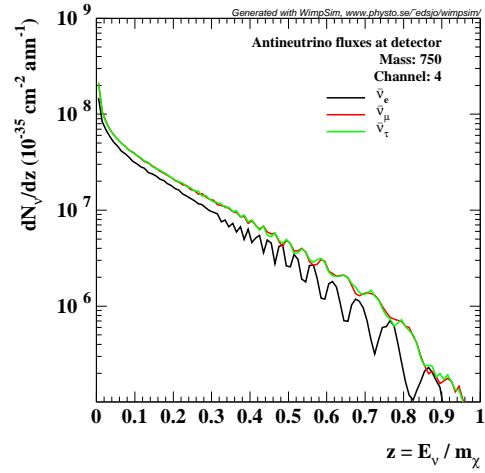
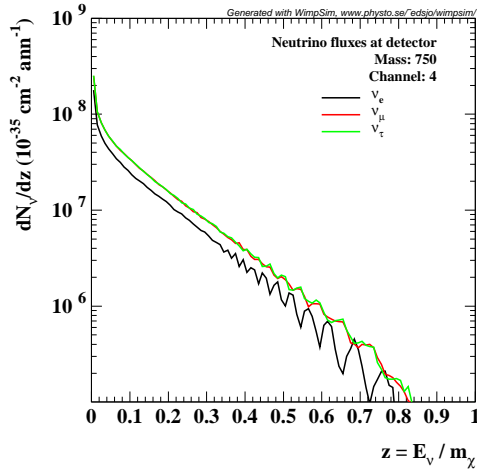


### 13.3.7 Muons at detector (Sun/Earth)

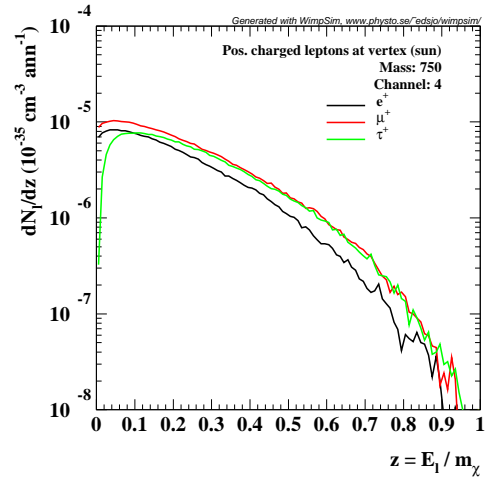
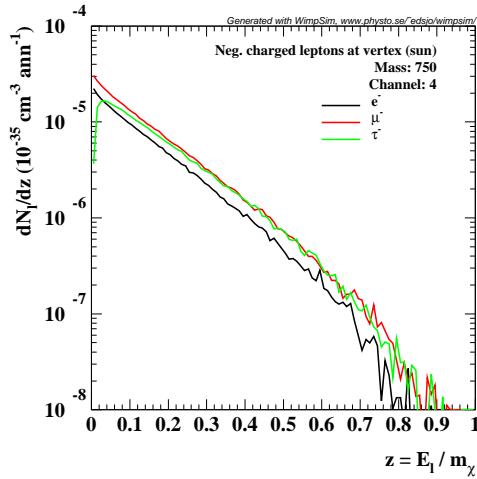


## 13.4 Channel 4 – $\tau^- \tau^+$

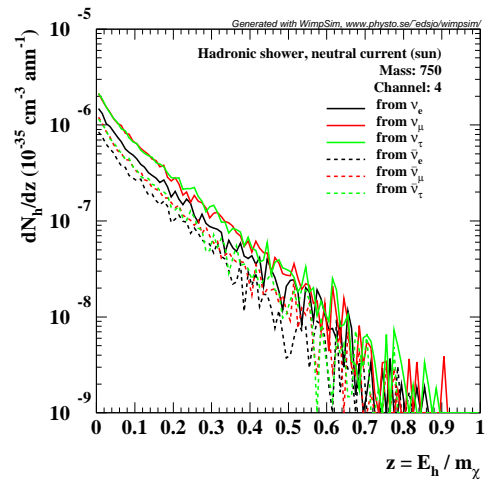
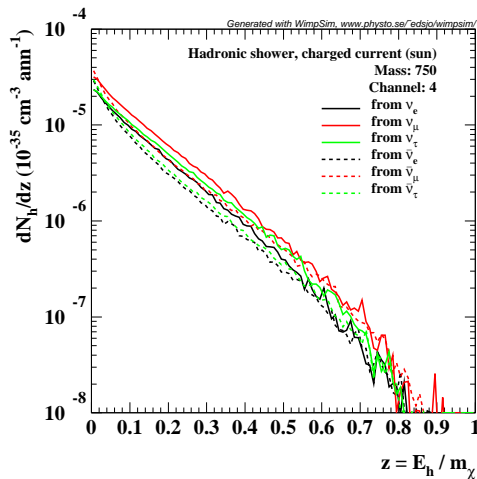
### 13.4.1 Neutrino fluxes at detector (Sun)



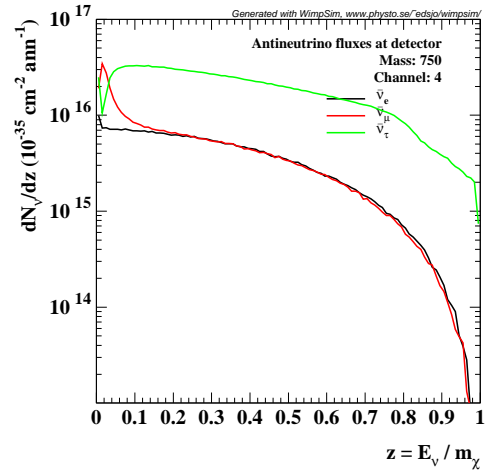
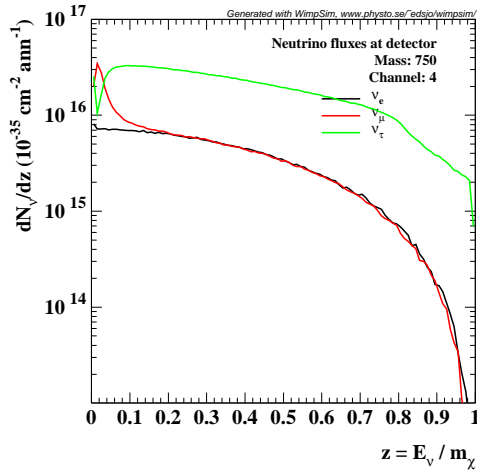
### 13.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



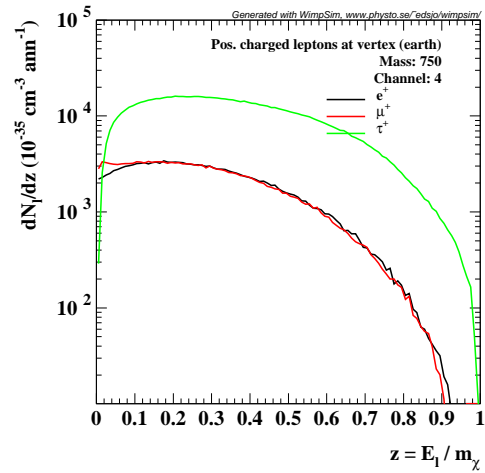
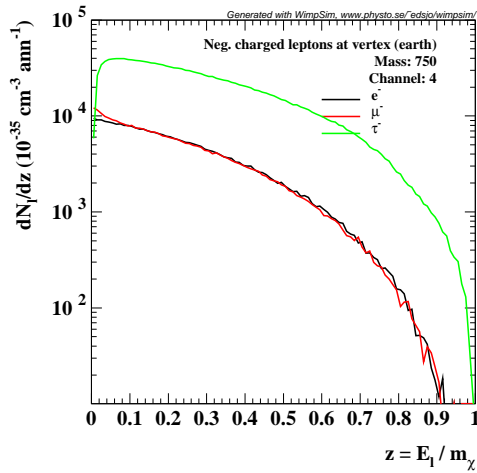
### 13.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



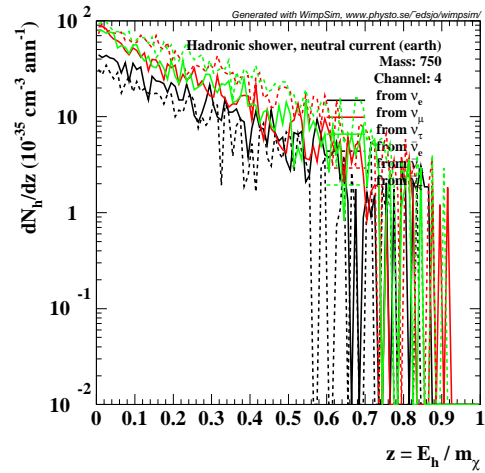
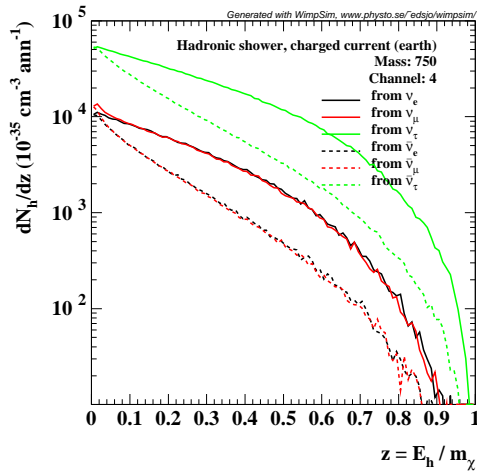
### 13.4.4 Neutrino fluxes at detector (Earth)



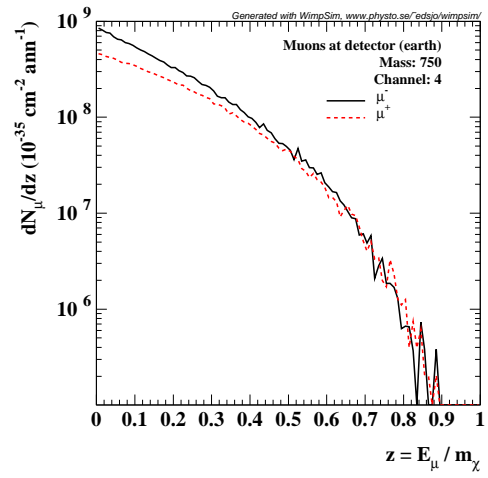
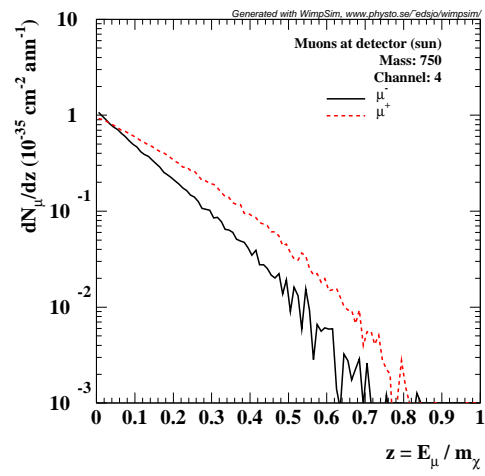
### 13.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 13.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

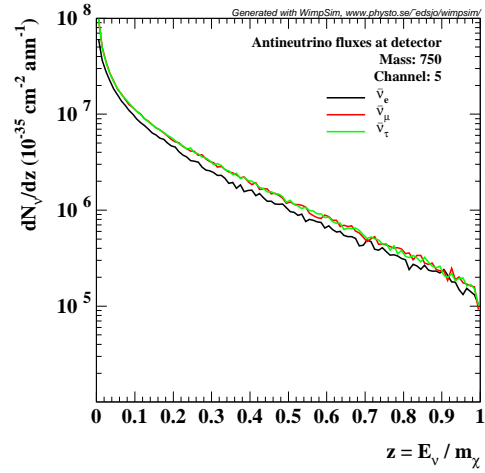
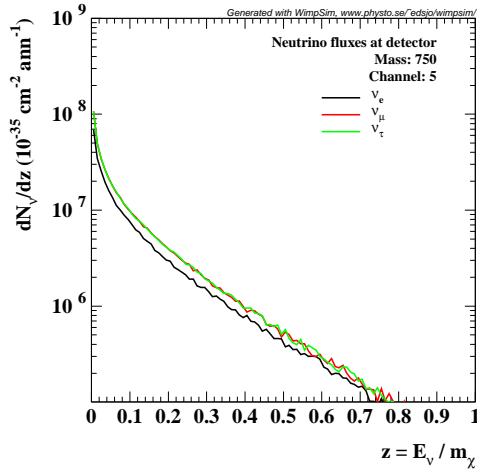


### 13.4.7 Muons at detector (Sun/Earth)

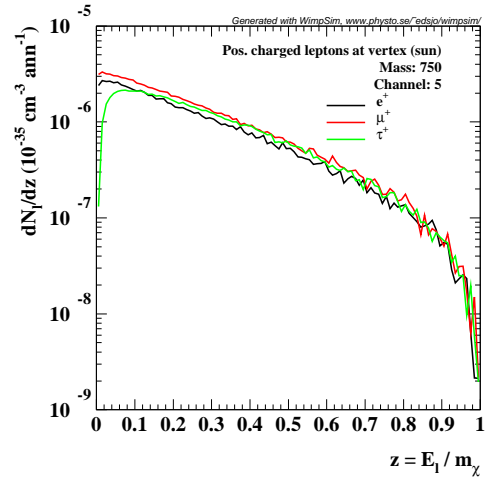
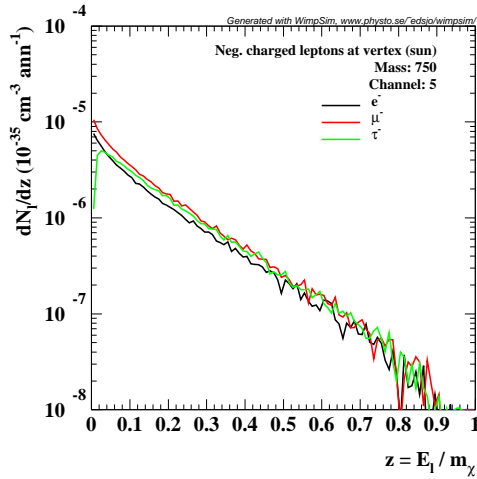


## 13.5 Channel 5 – $W^-W^+$

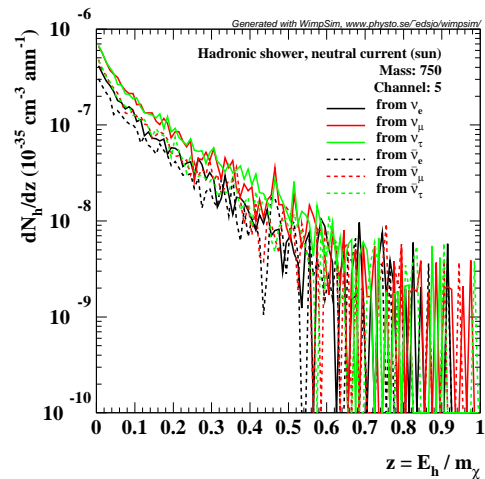
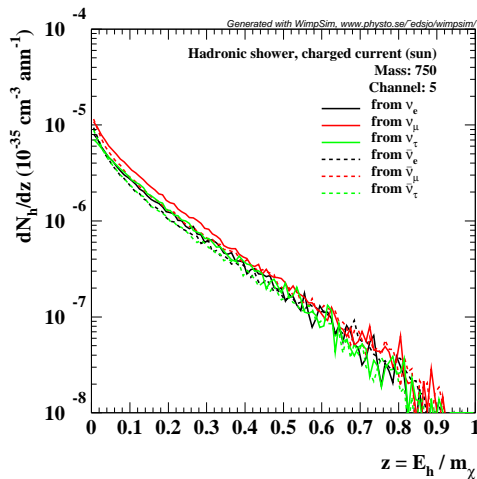
### 13.5.1 Neutrino fluxes at detector (Sun)



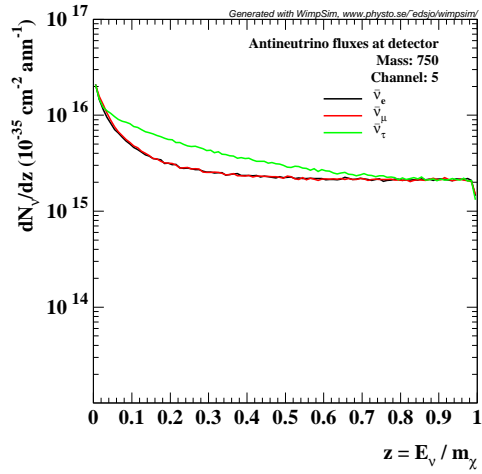
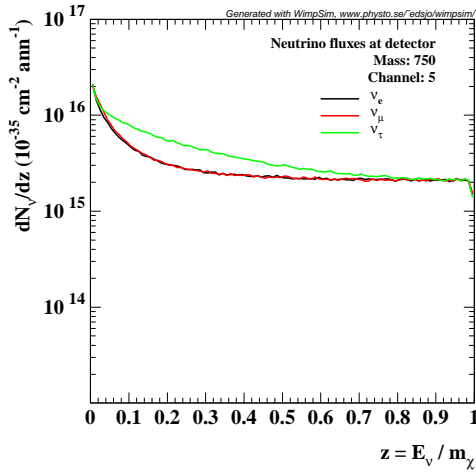
### 13.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



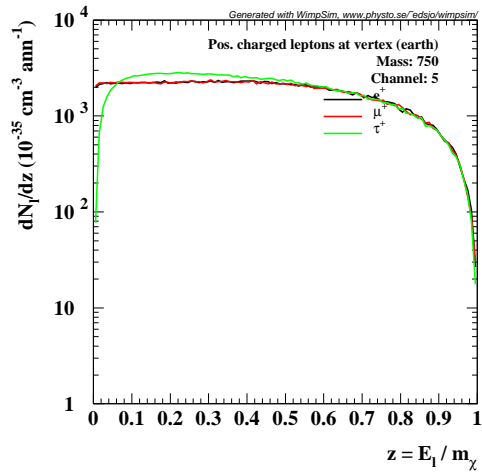
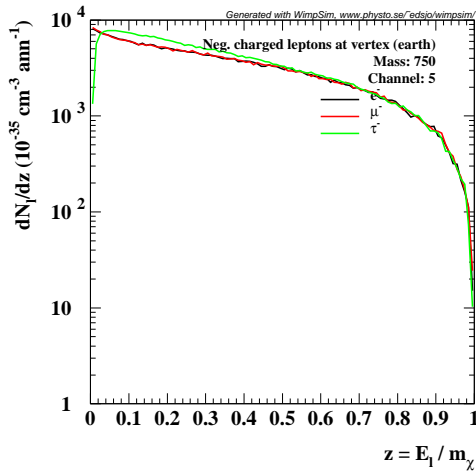
### 13.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



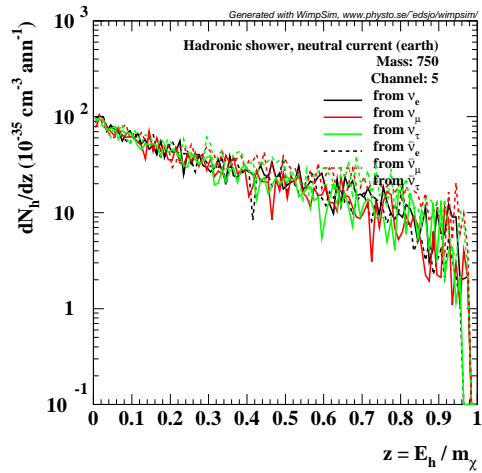
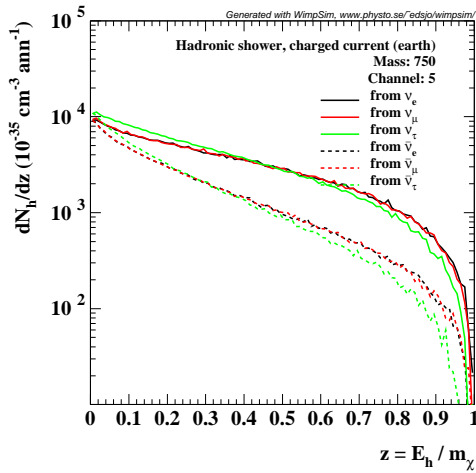
### 13.5.4 Neutrino fluxes at detector (Earth)



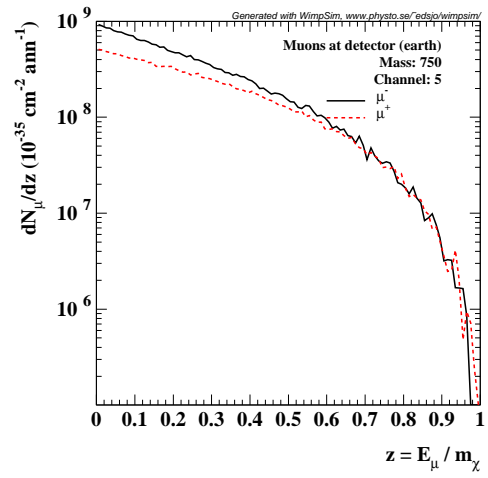
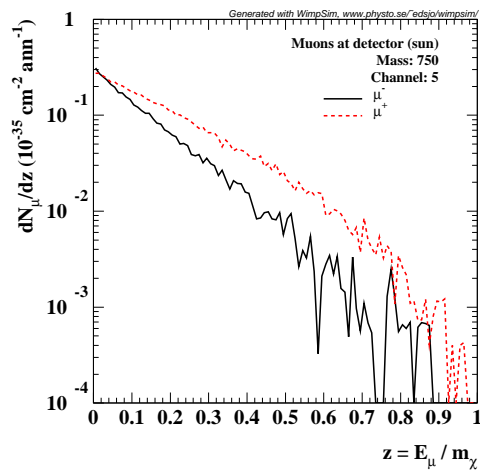
### 13.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 13.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

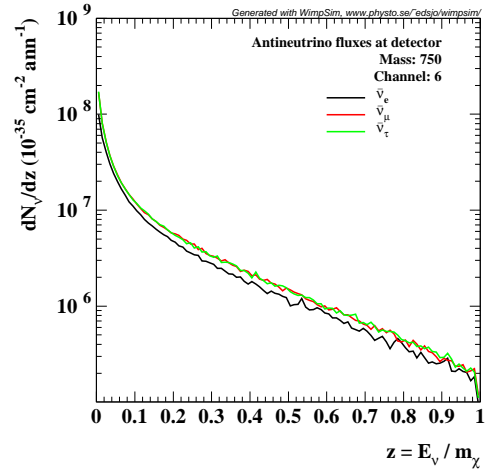
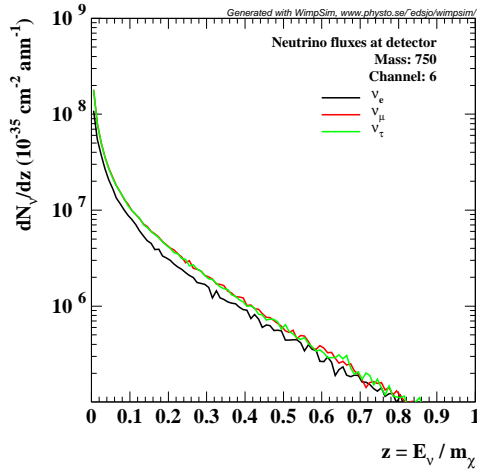


### 13.5.7 Muons at detector (Sun/Earth)

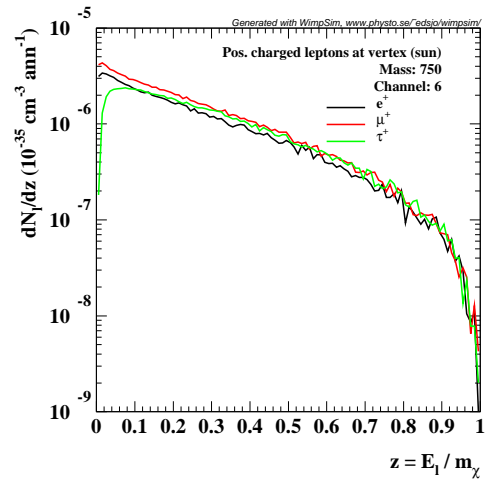
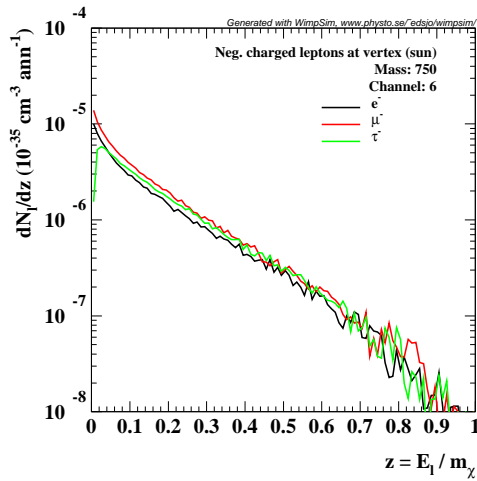


## 13.6 Channel 6 – $Z^0 Z^0$

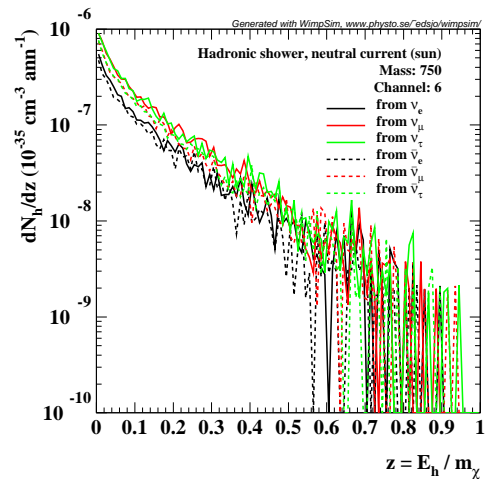
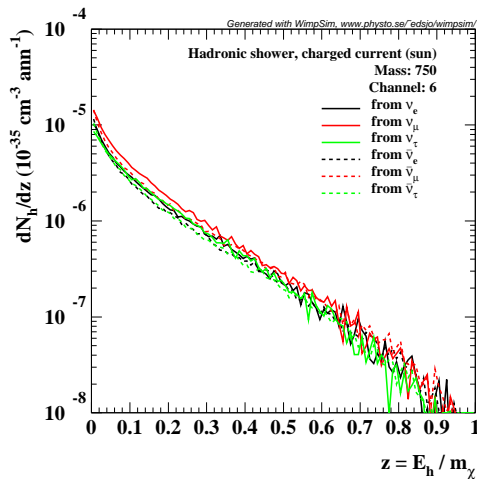
### 13.6.1 Neutrino fluxes at detector (Sun)



### 13.6.2 Charged leptons at neutrino-nucleon vertex (Sun)

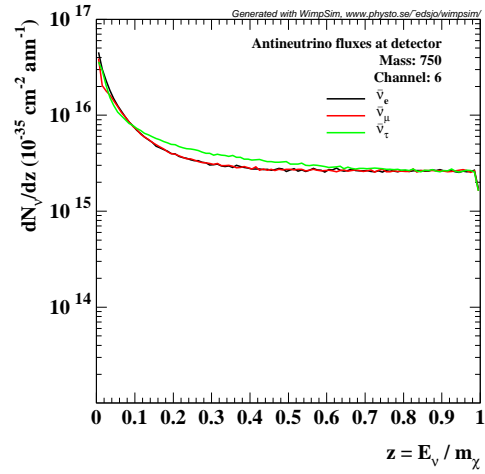
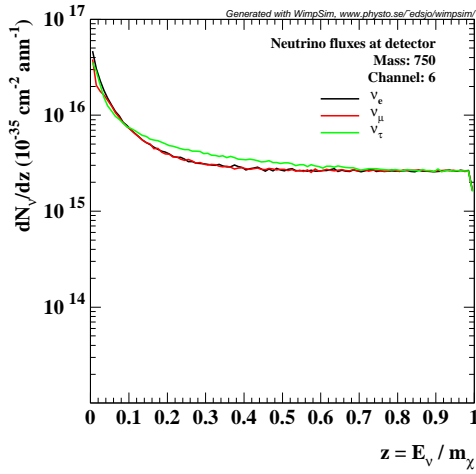


### 13.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)

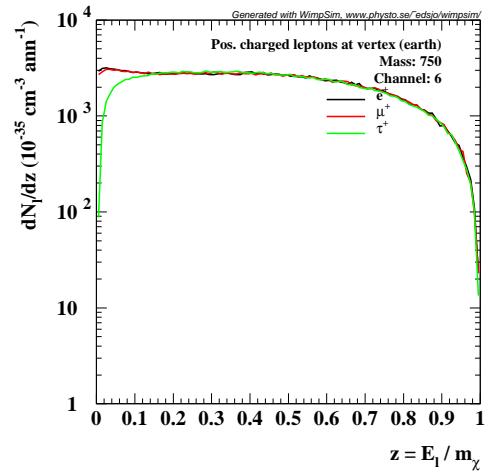
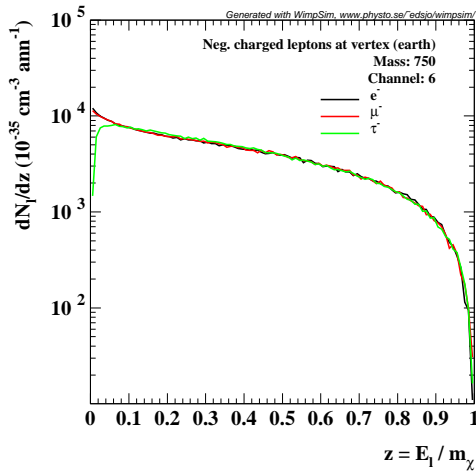




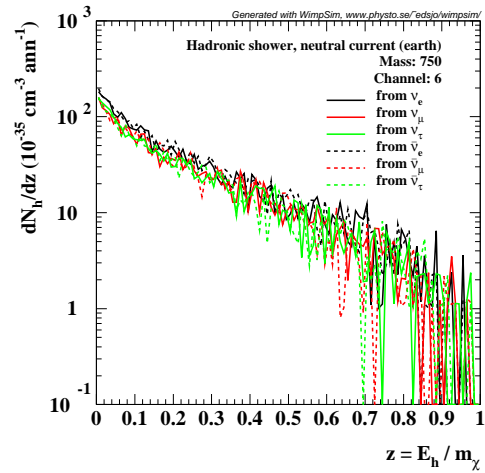
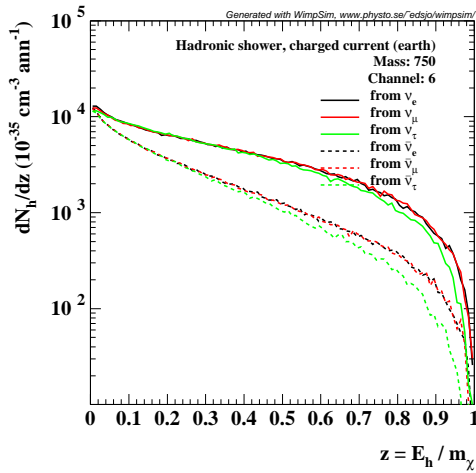
### 13.6.4 Neutrino fluxes at detector (Earth)



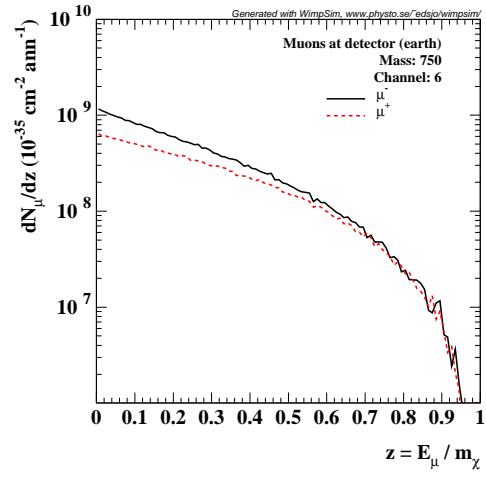
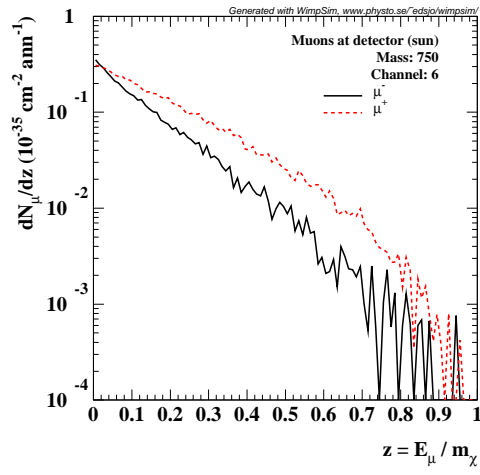
### 13.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 13.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

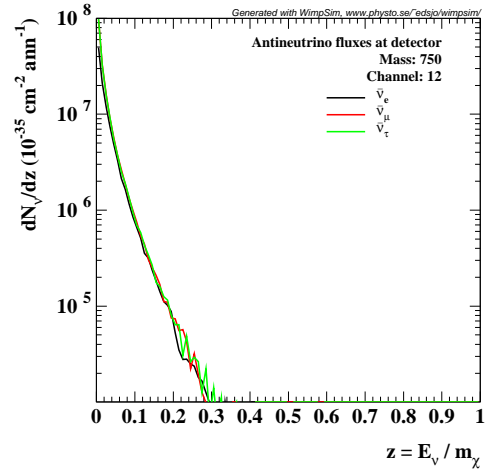
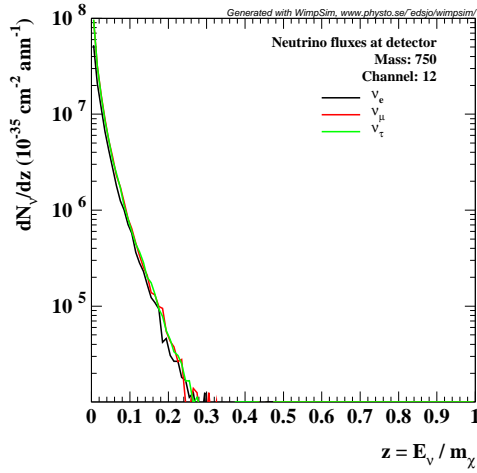


### 13.6.7 Muons at detector (Sun/Earth)

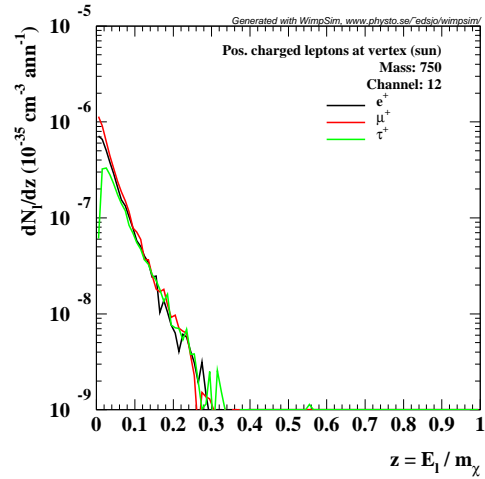
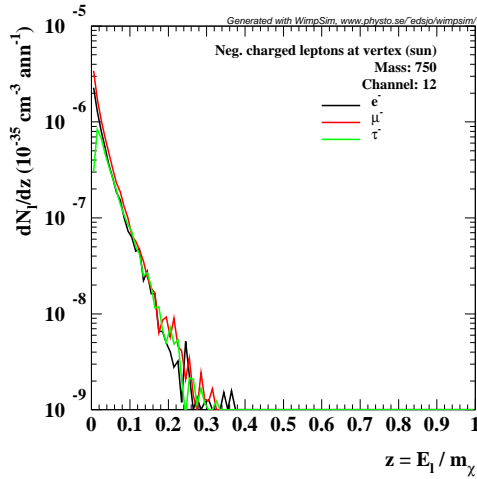


## 13.7 Channel 12 – $gg$

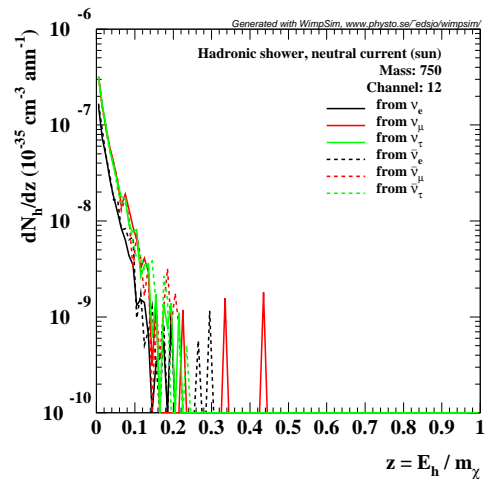
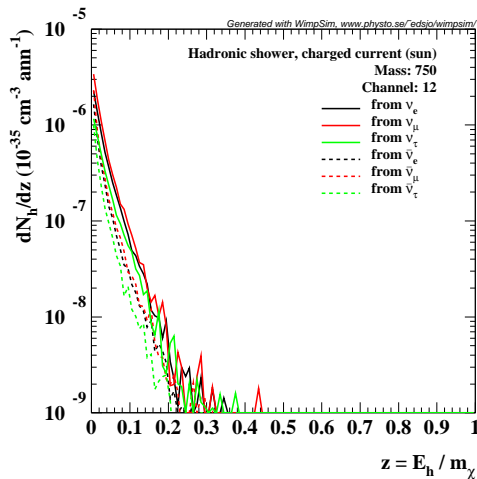
### 13.7.1 Neutrino fluxes at detector (Sun)



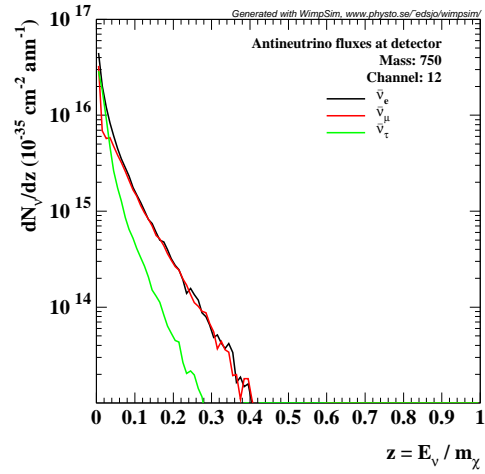
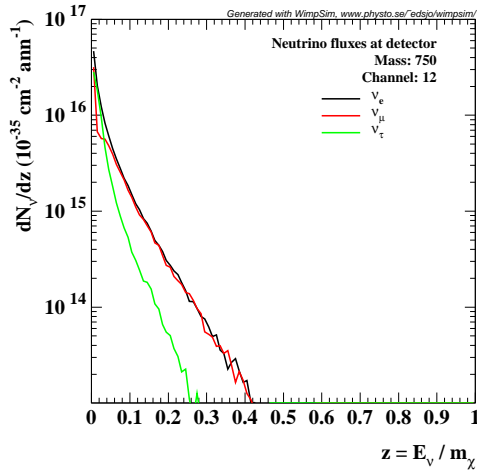
### 13.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



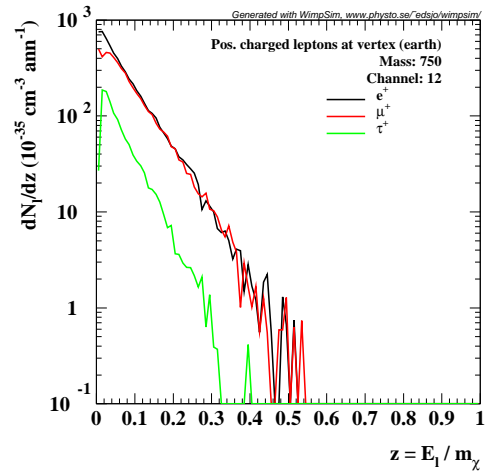
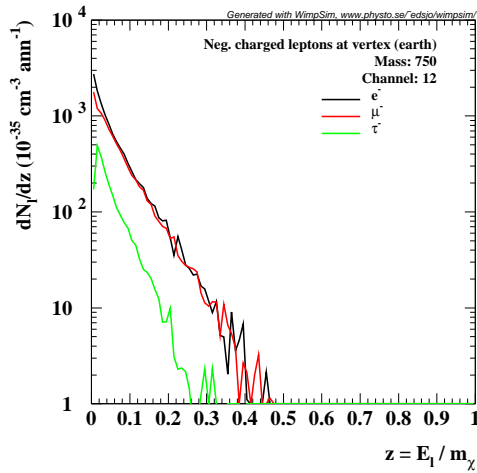
### 13.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



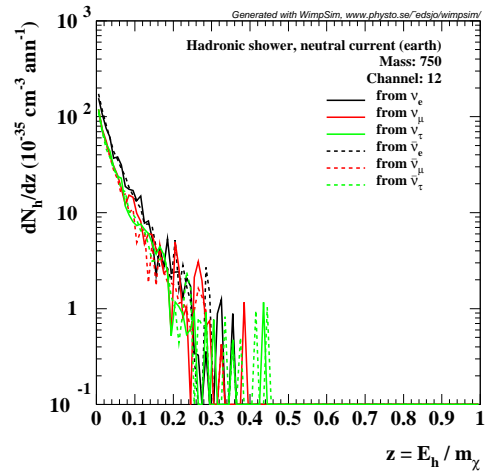
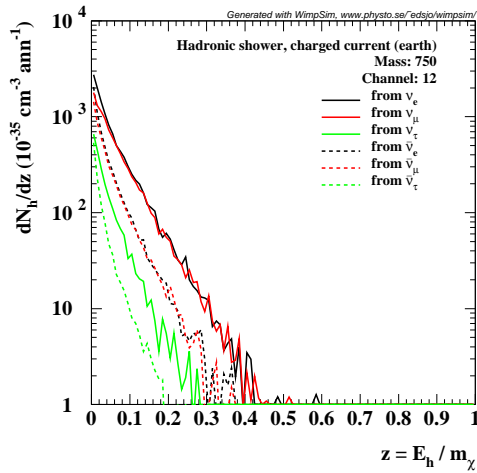
### 13.7.4 Neutrino fluxes at detector (Earth)



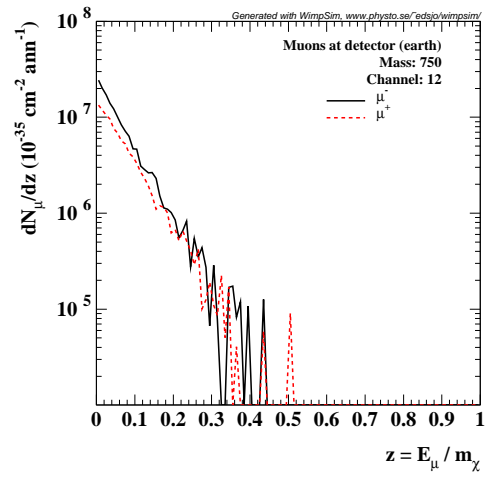
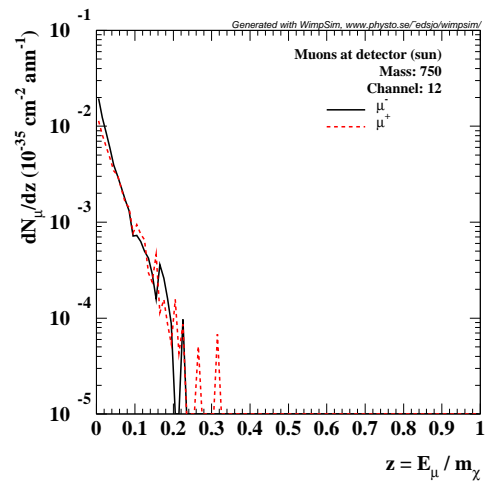
### 13.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 13.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)

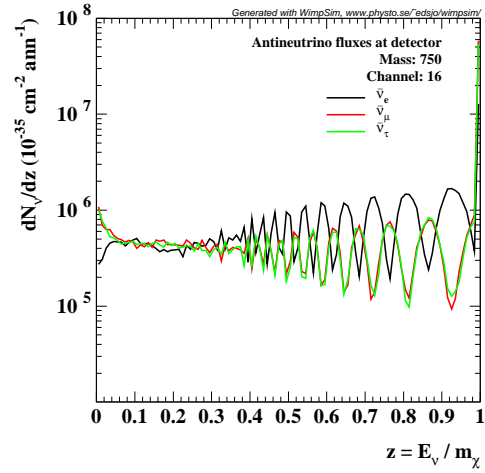
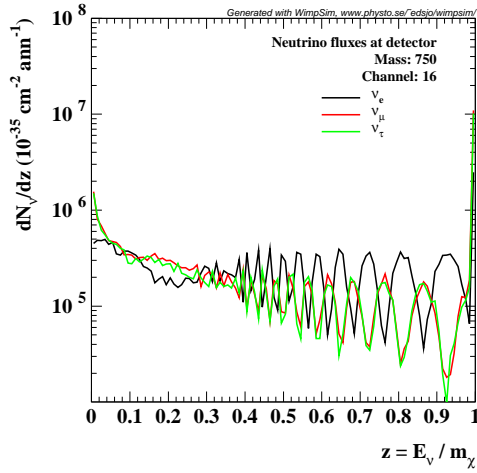


### 13.7.7 Muons at detector (Sun/Earth)

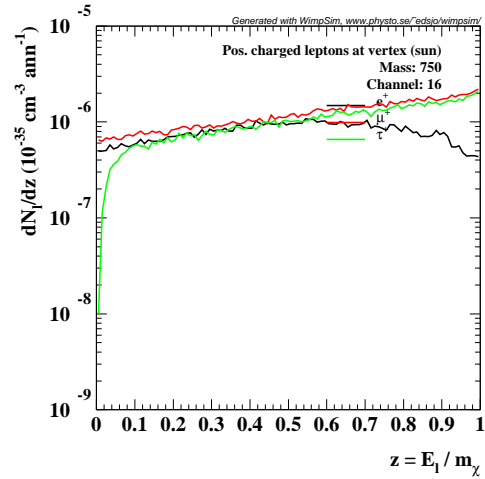
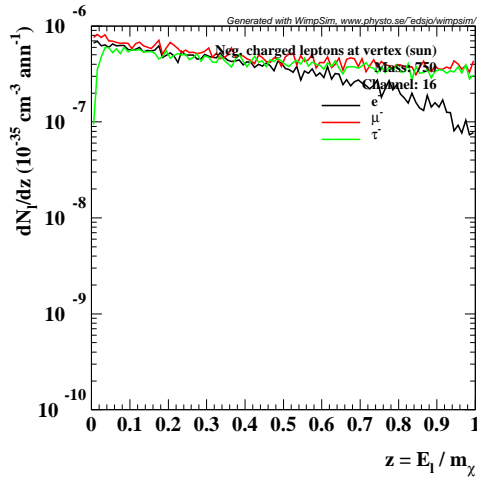


## 13.8 Channel 16 – $\nu_e \bar{\nu}_e$

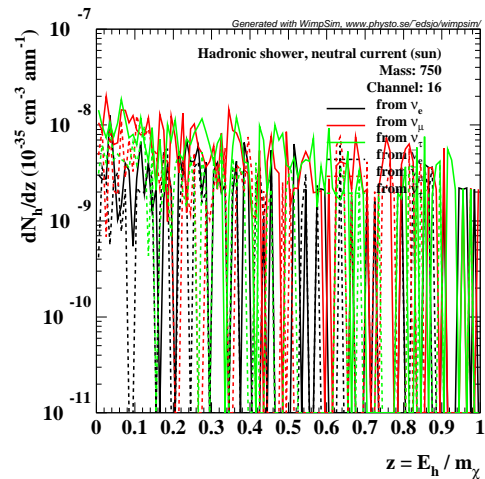
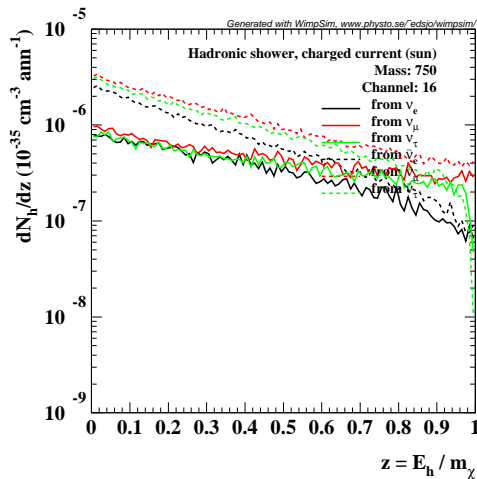
### 13.8.1 Neutrino fluxes at detector (Sun)



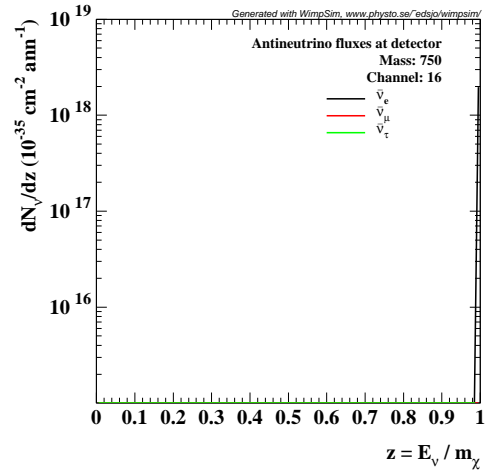
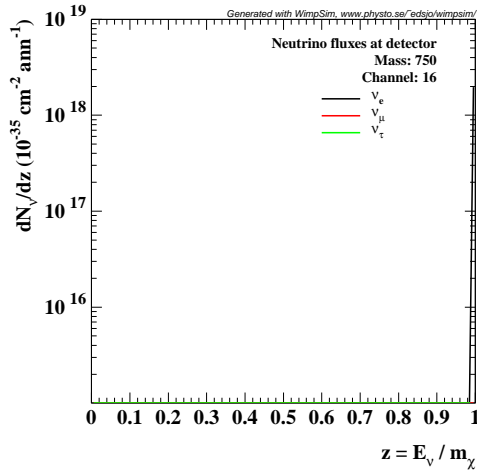
### 13.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



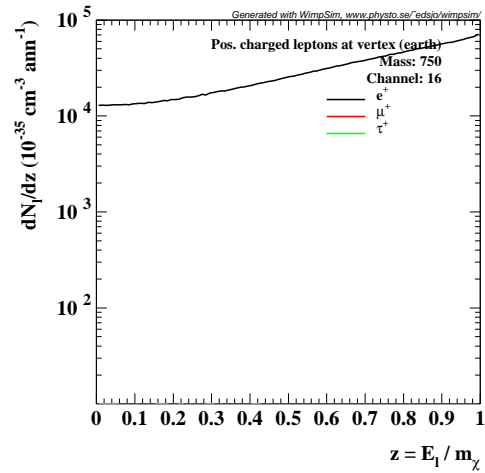
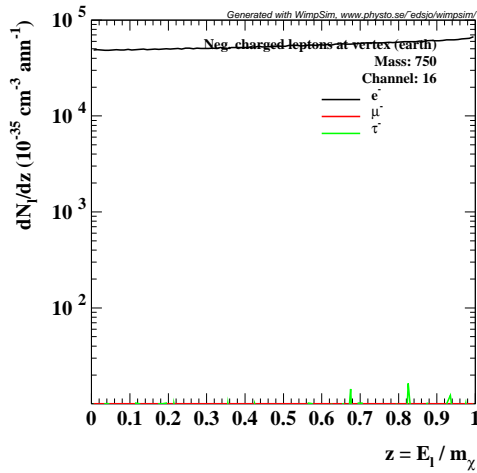
### 13.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



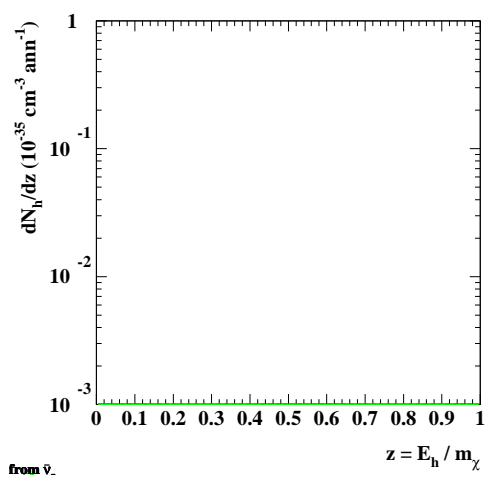
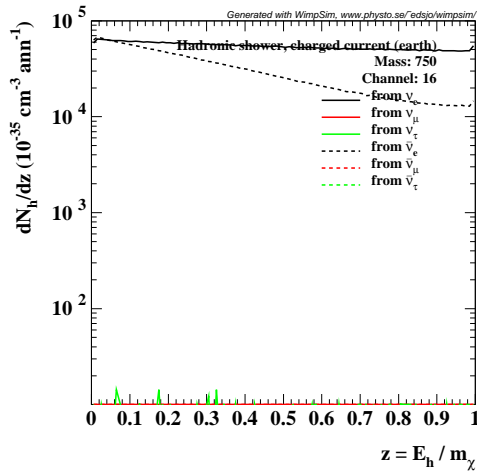
### 13.8.4 Neutrino fluxes at detector (Earth)



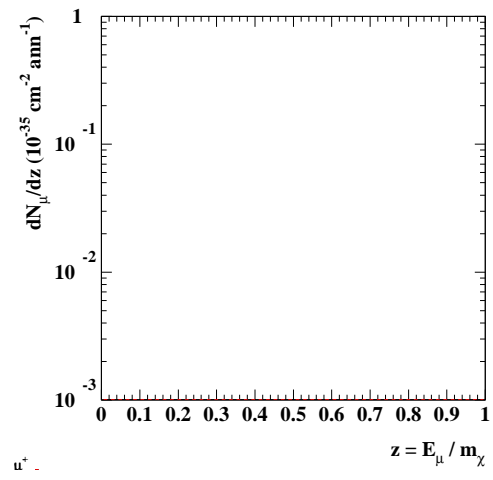
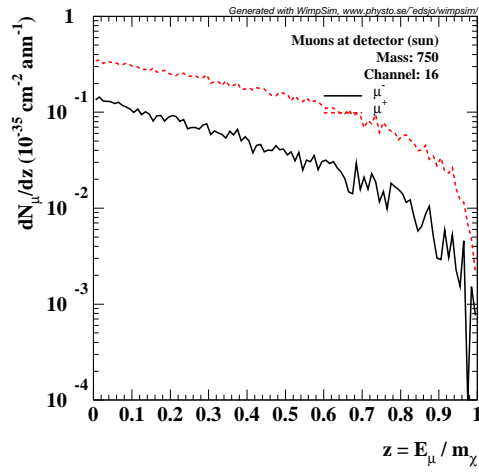
### 13.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 13.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)



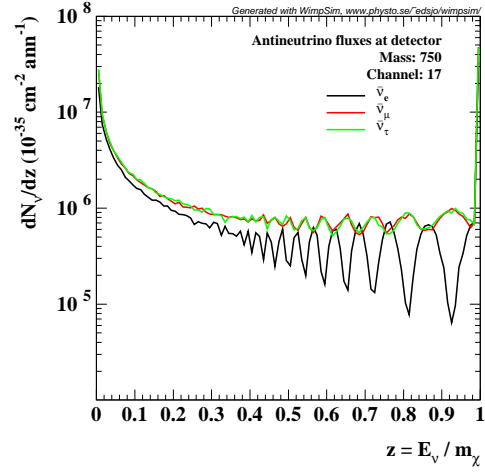
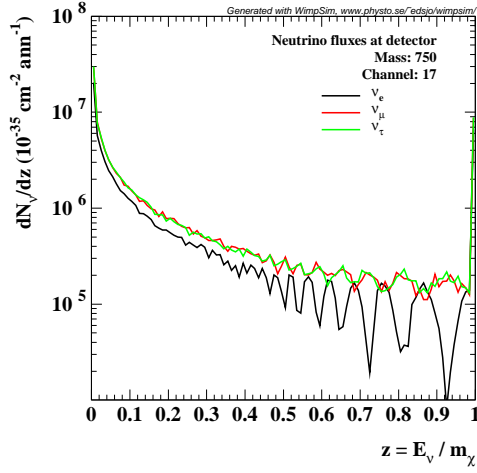
### 13.8.7 Muons at detector (Sun/Earth)



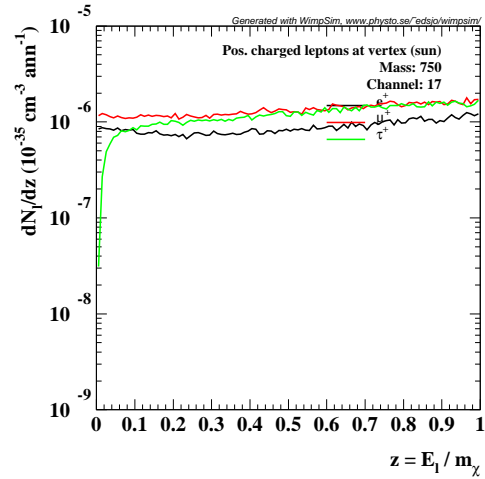
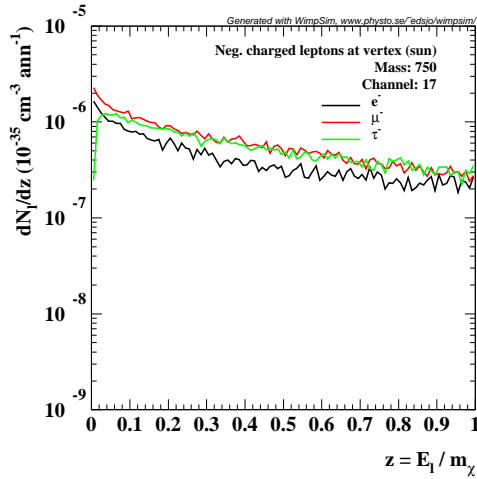


## 13.9 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

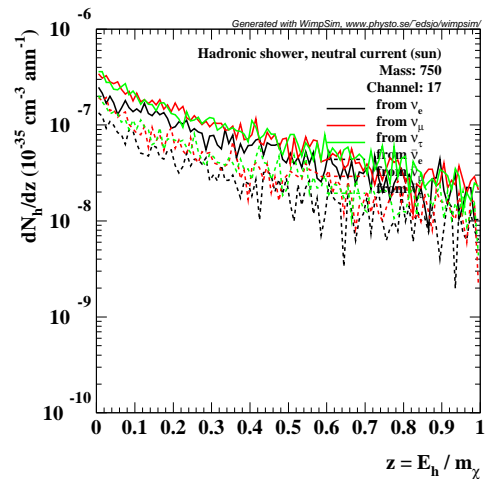
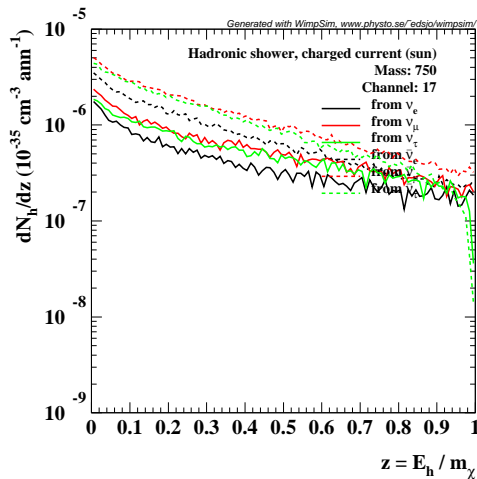
### 13.9.1 Neutrino fluxes at detector (Sun)



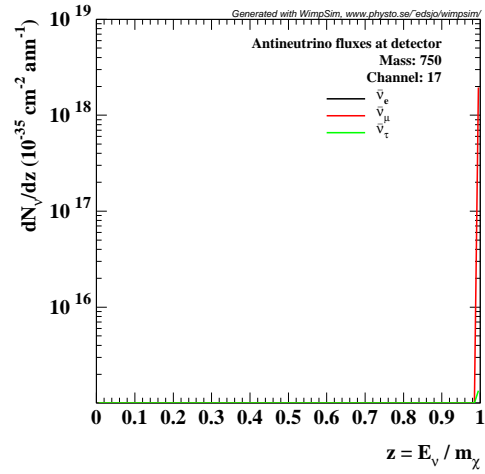
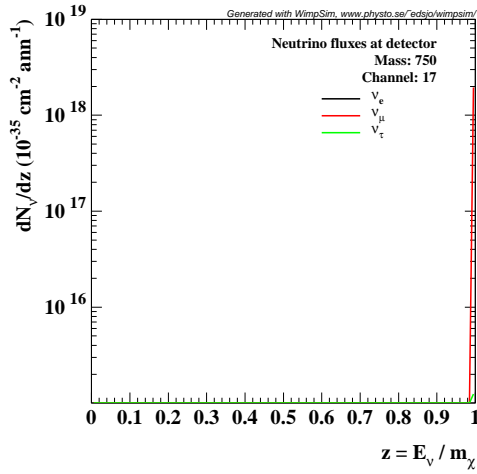
### 13.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



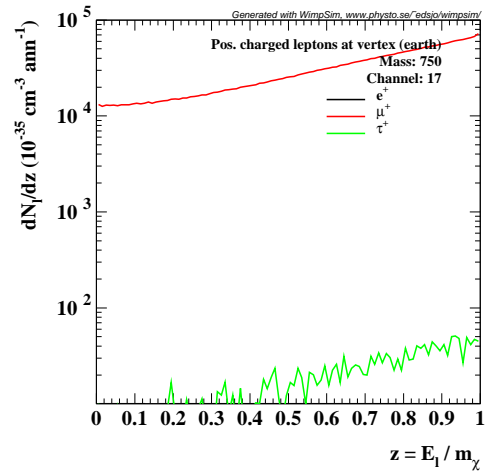
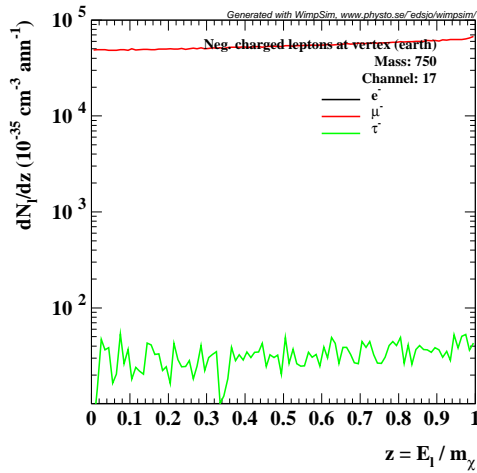
### 13.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



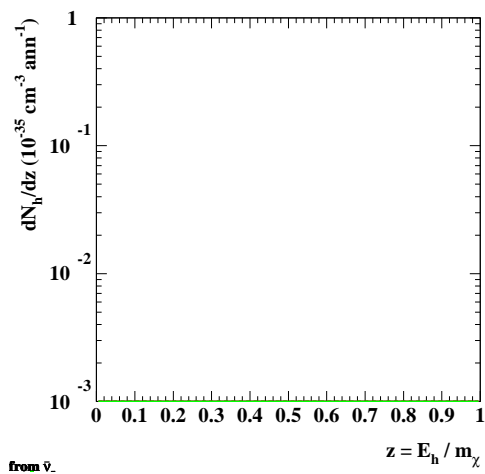
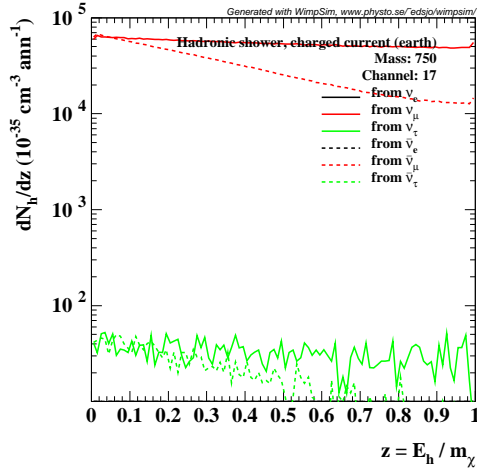
### 13.9.4 Neutrino fluxes at detector (Earth)



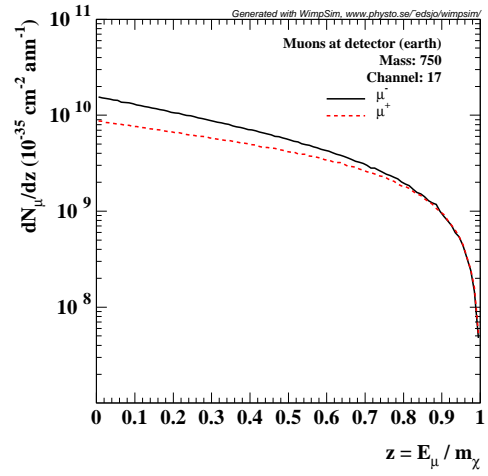
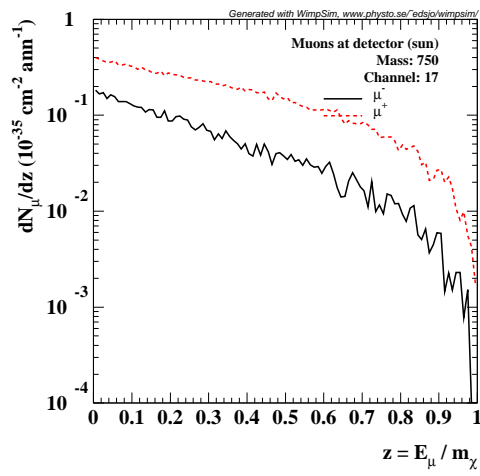
### 13.9.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 13.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)

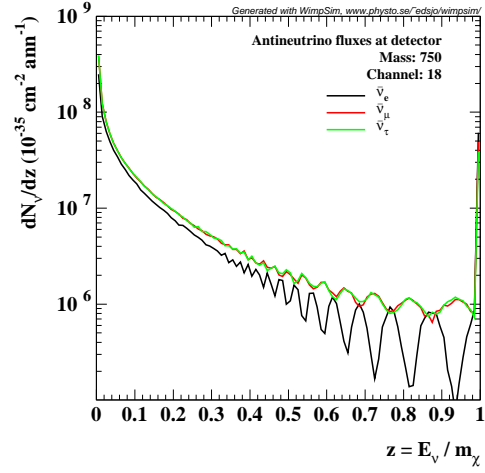
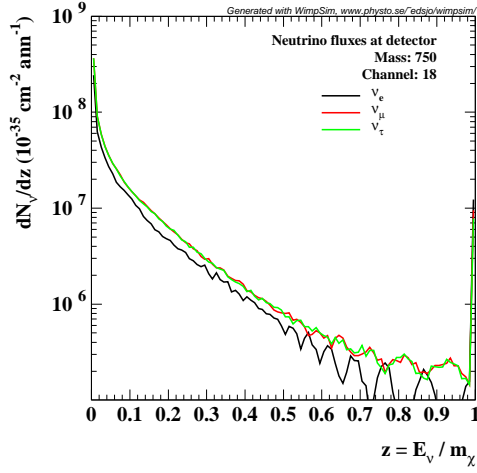


### 13.9.7 Muons at detector (Sun/Earth)

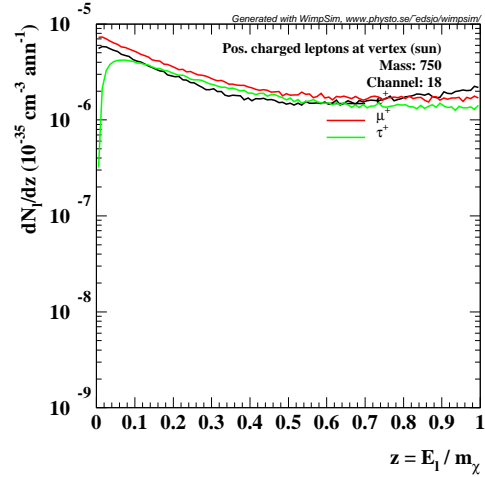
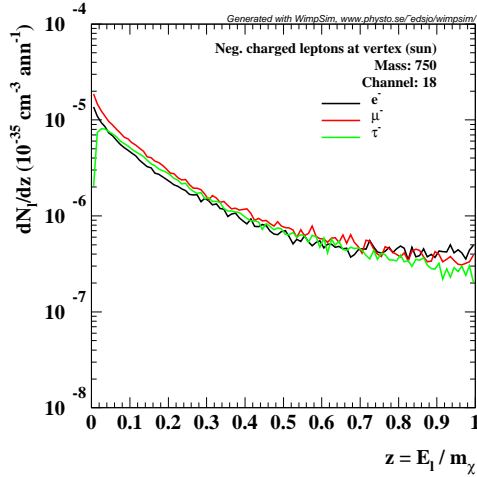


## 13.10 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

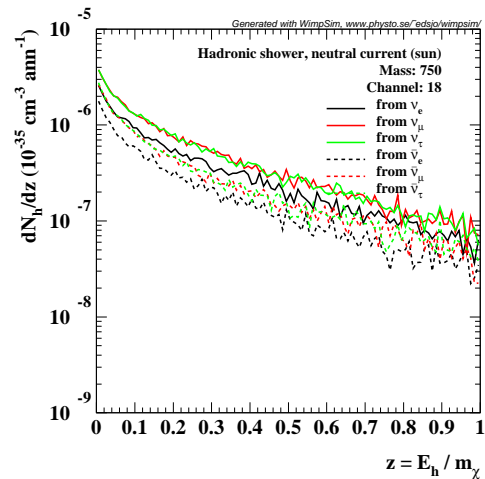
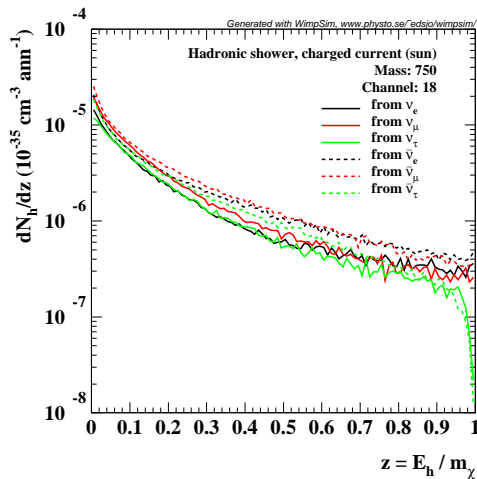
### 13.10.1 Neutrino fluxes at detector (Sun)



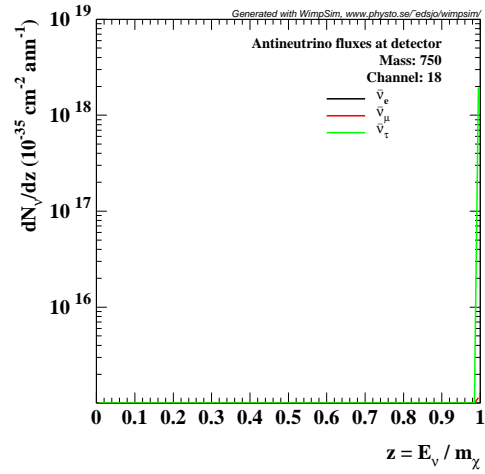
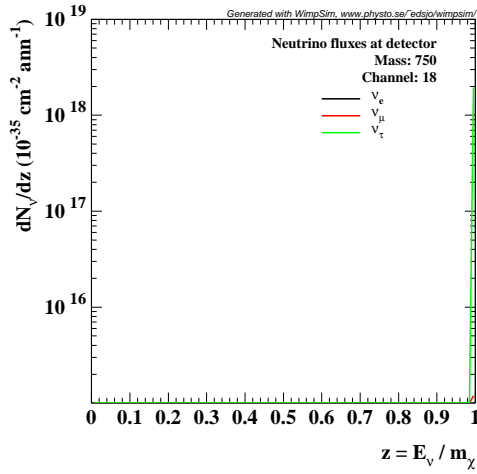
### 13.10.2 Charged leptons at neutrino-nucleon vertex (Sun)



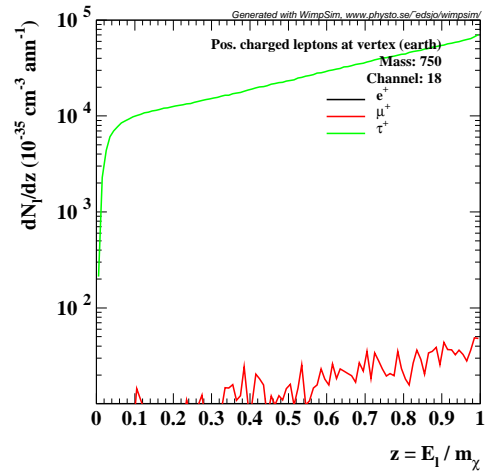
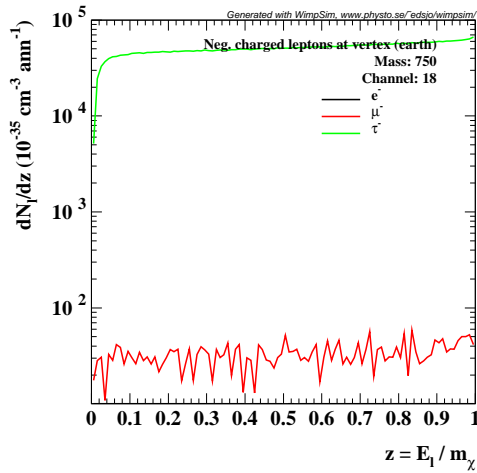
### 13.10.3 Hadronic shower at neutrino-nucleon vertex (Sun)



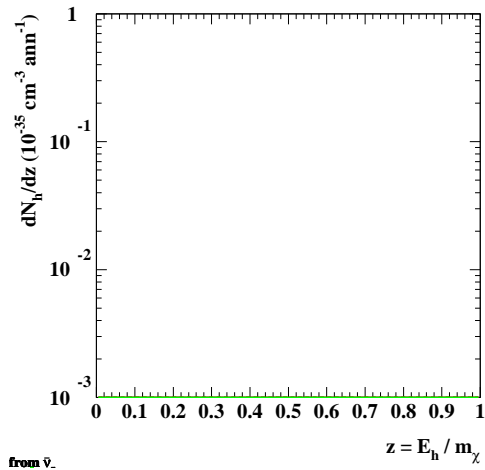
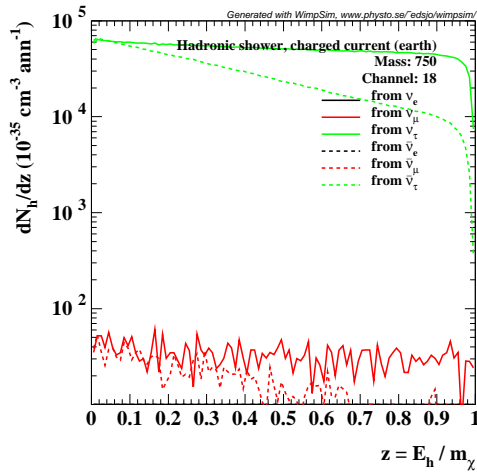
### 13.10.4 Neutrino fluxes at detector (Earth)



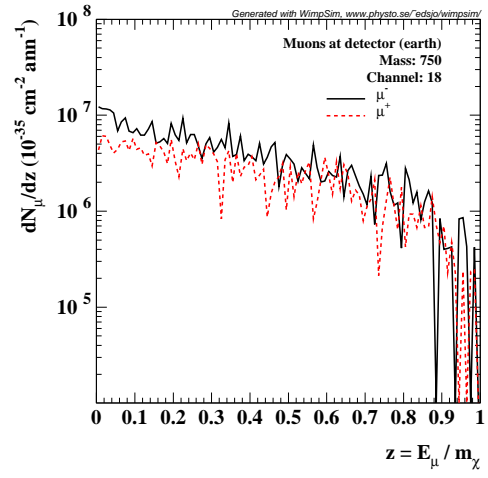
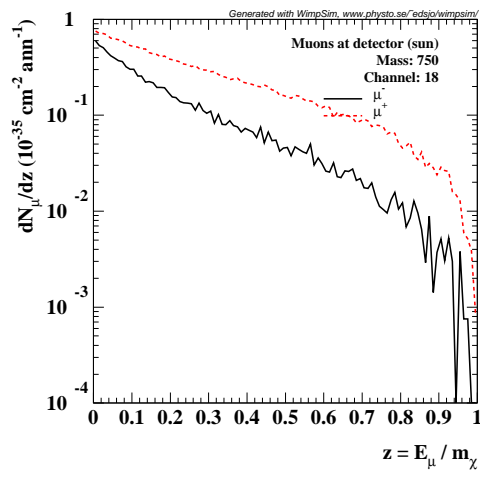
### 13.10.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 13.10.6 Hadronic shower at neutrino-nucleon vertex (Earth)



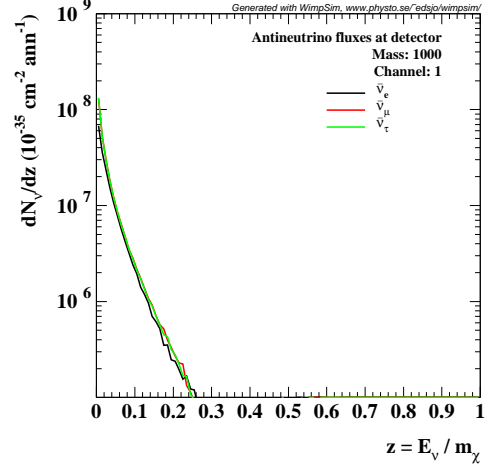
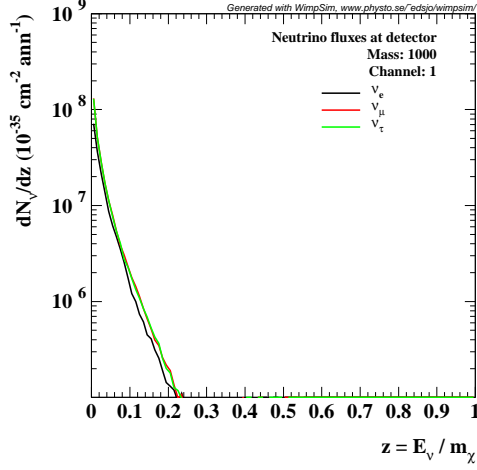
### 13.10.7 Muons at detector (Sun/Earth)



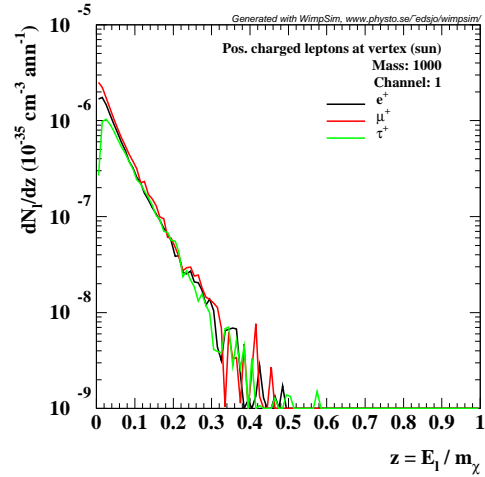
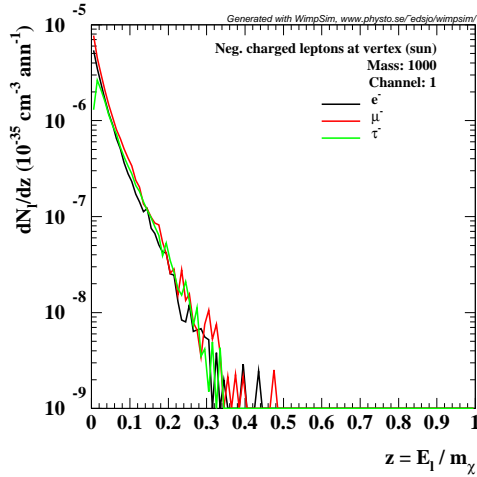
## 14 Mass 1000

### 14.1 Channel 1 – $c\bar{c}$

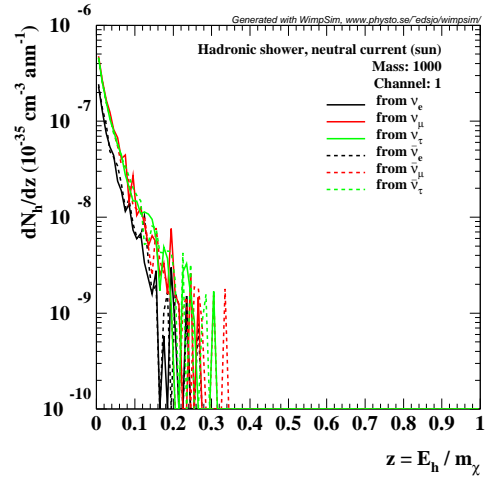
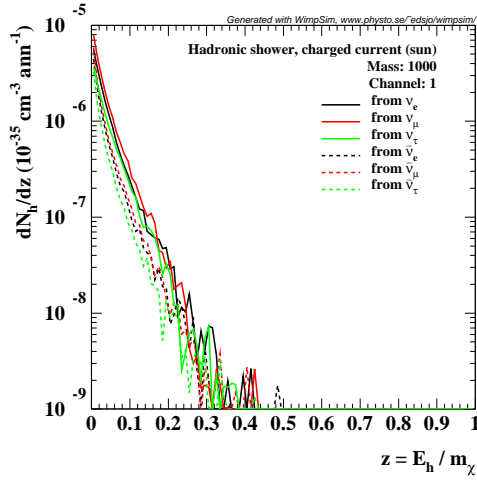
#### 14.1.1 Neutrino fluxes at detector (Sun)



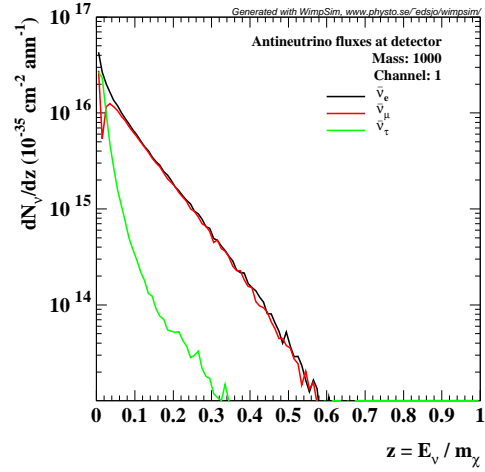
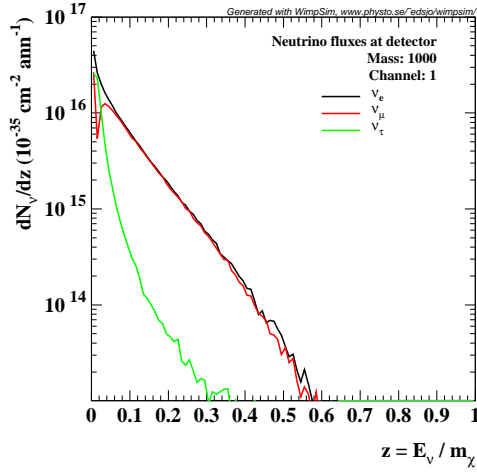
#### 14.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



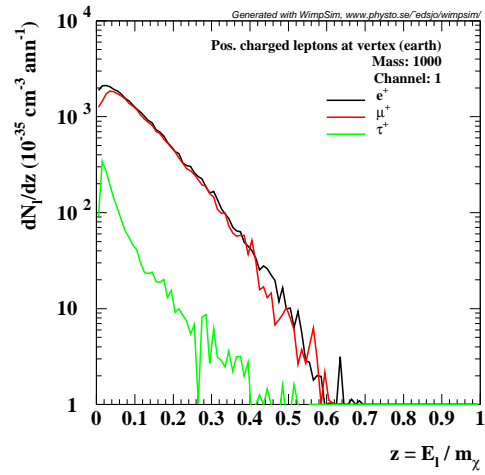
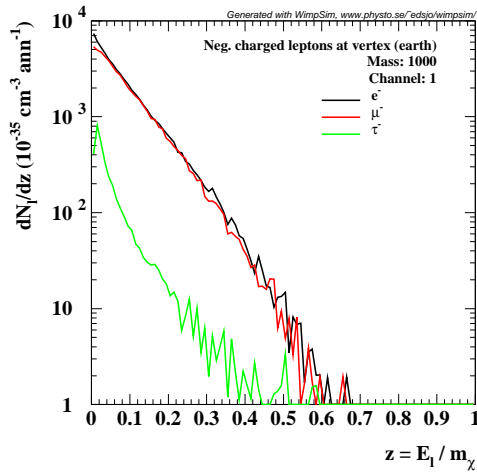
### 14.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



### 14.1.4 Neutrino fluxes at detector (Earth)

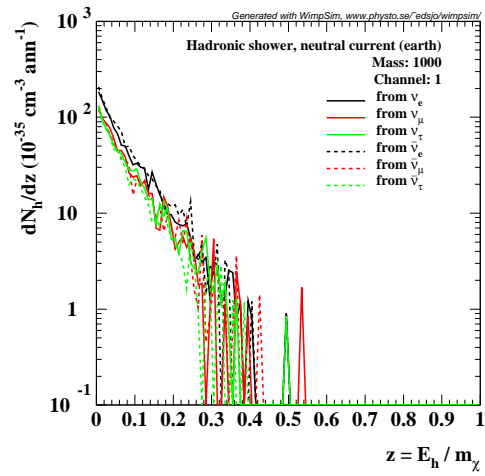
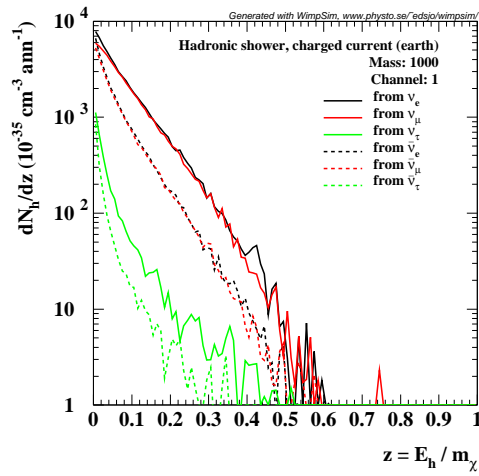


### 14.1.5 Charged leptons at neutrino-nucleon vertex (Earth)

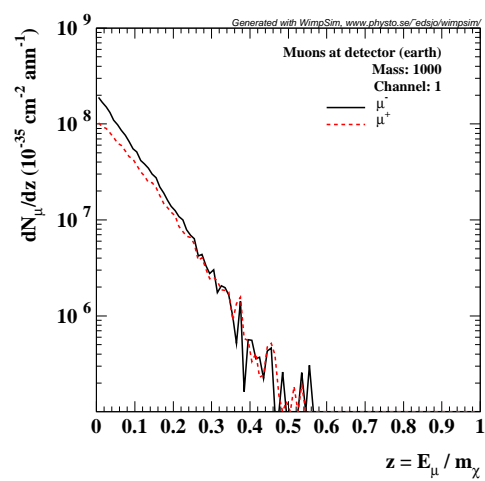
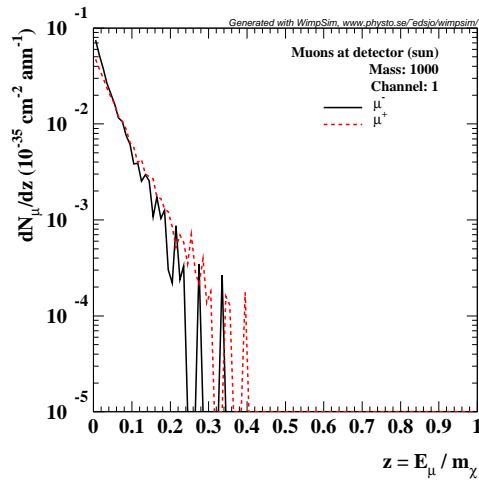




### 14.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

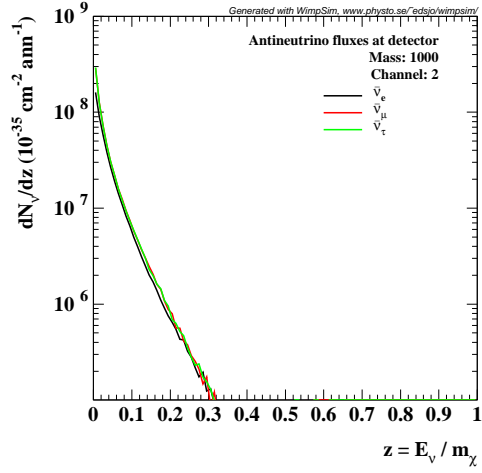
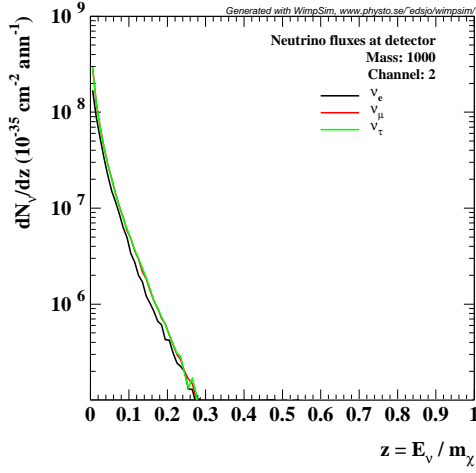


### 14.1.7 Muons at detector (Sun/Earth)

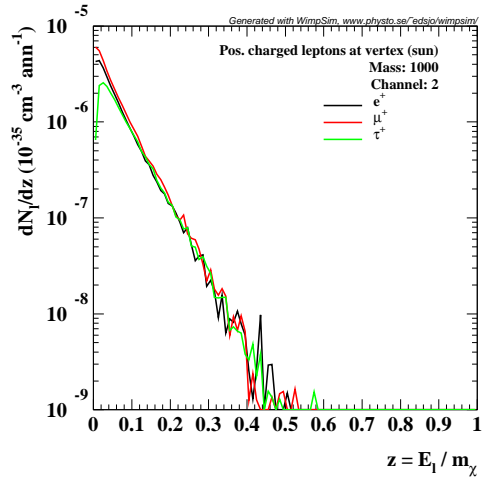
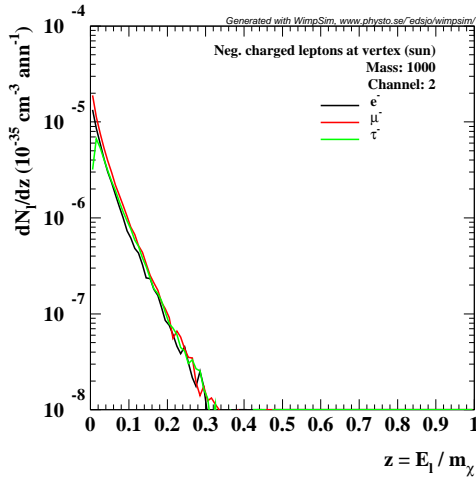


## 14.2 Channel 2 – $b\bar{b}$

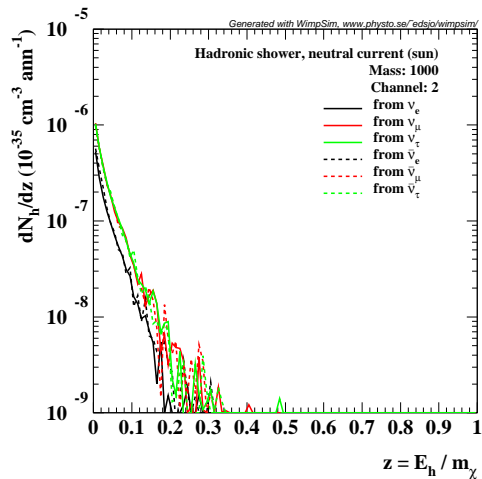
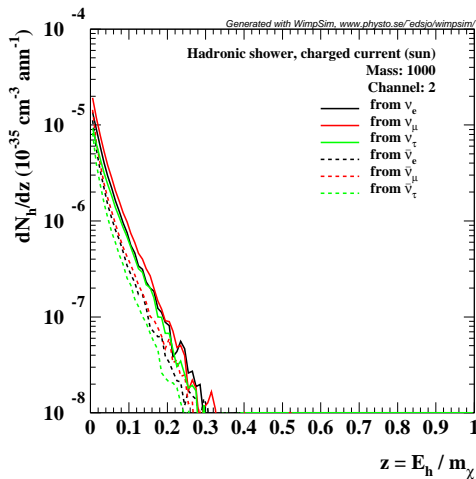
### 14.2.1 Neutrino fluxes at detector (Sun)



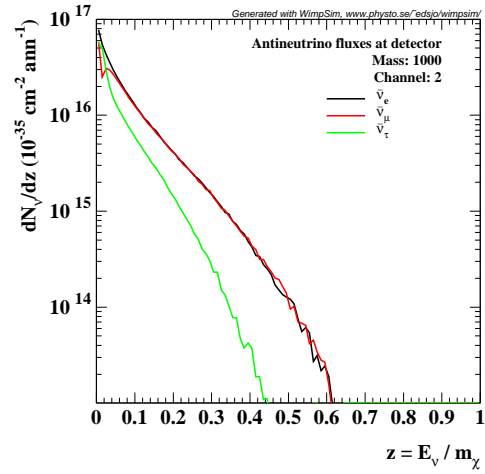
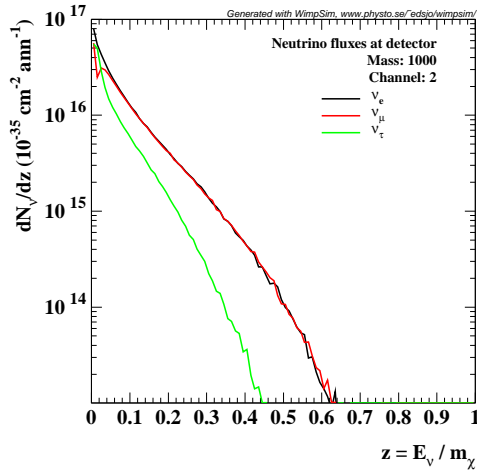
### 14.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



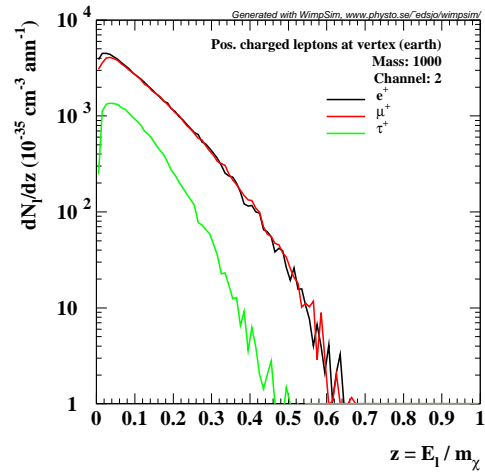
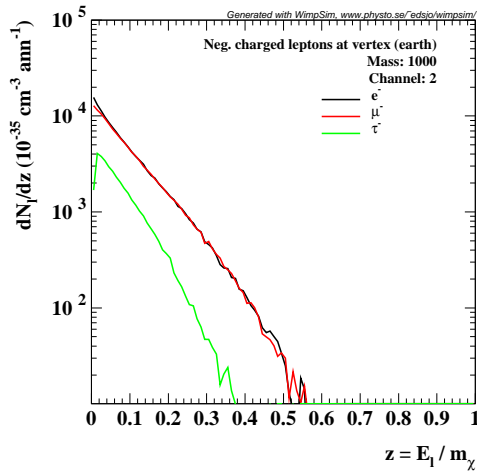
### 14.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



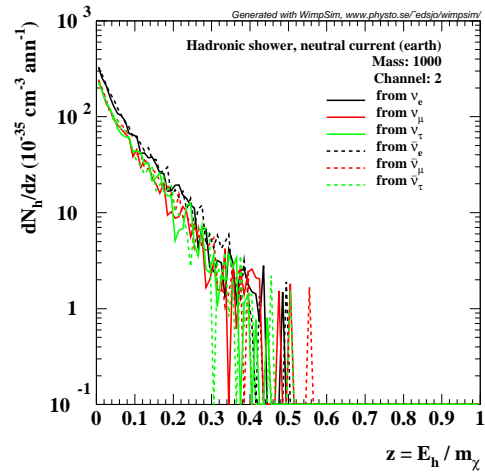
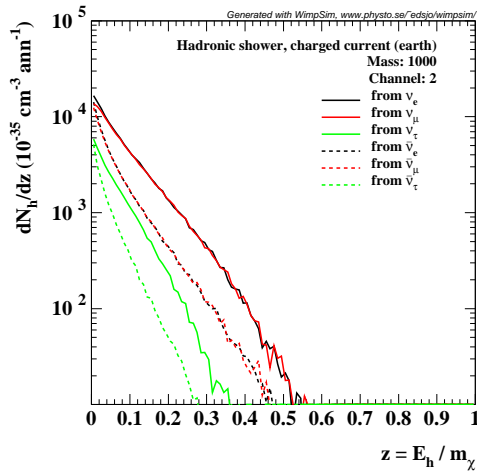
#### 14.2.4 Neutrino fluxes at detector (Earth)



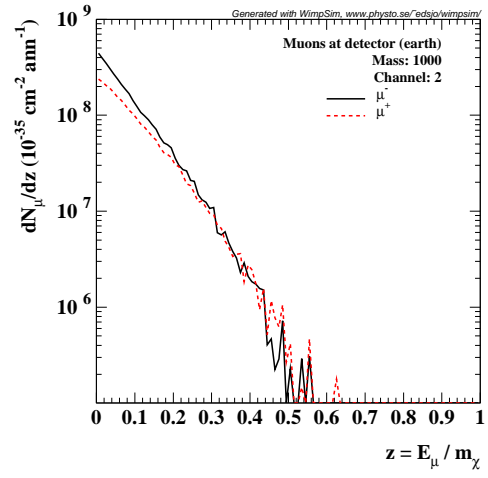
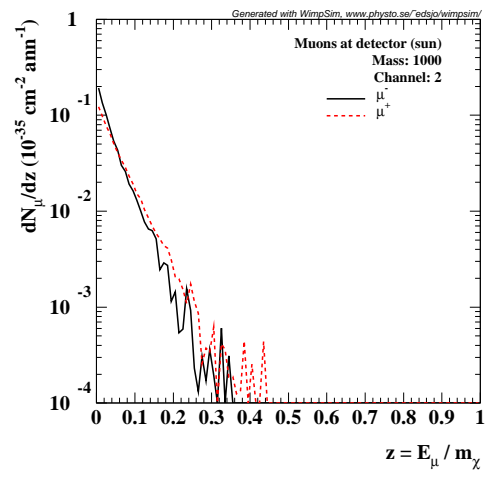
#### 14.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 14.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

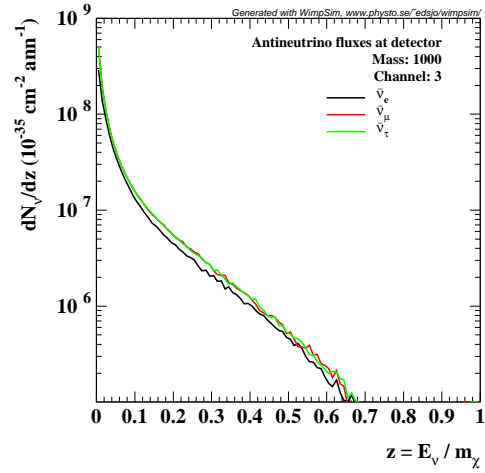
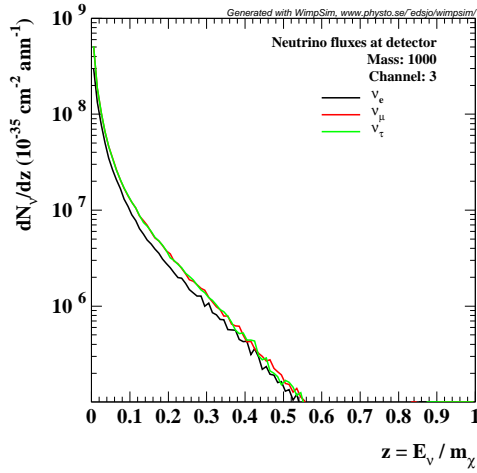


### 14.2.7 Muons at detector (Sun/Earth)

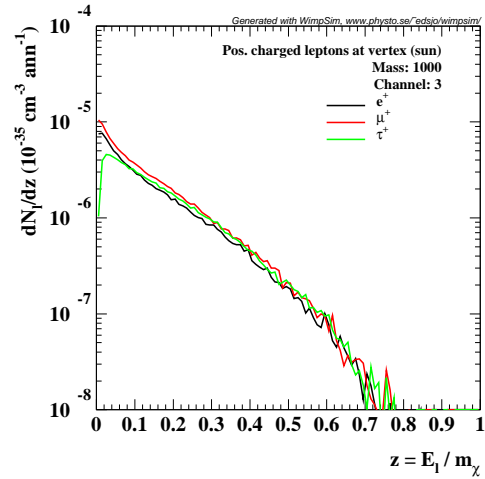
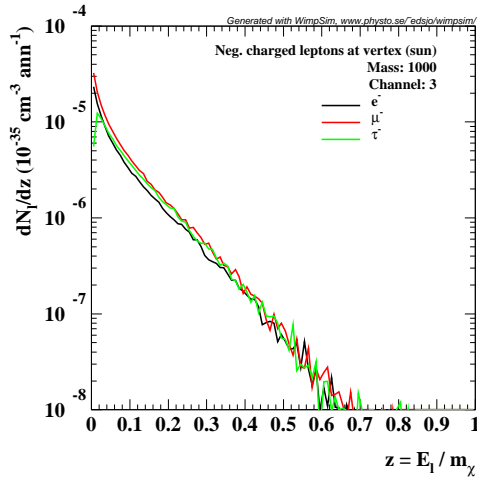


### 14.3 Channel 3 – $t\bar{t}$

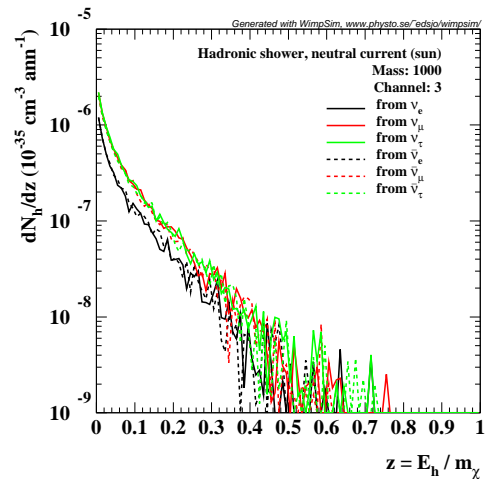
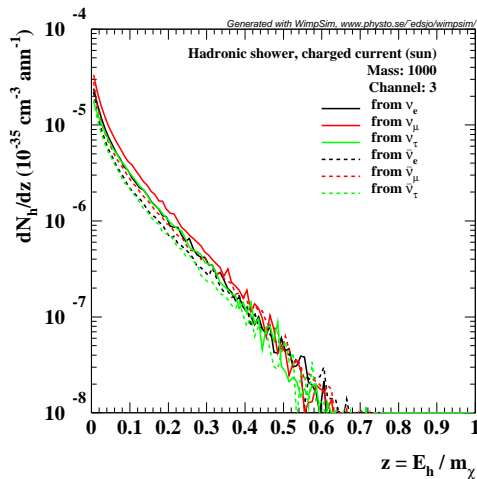
#### 14.3.1 Neutrino fluxes at detector (Sun)



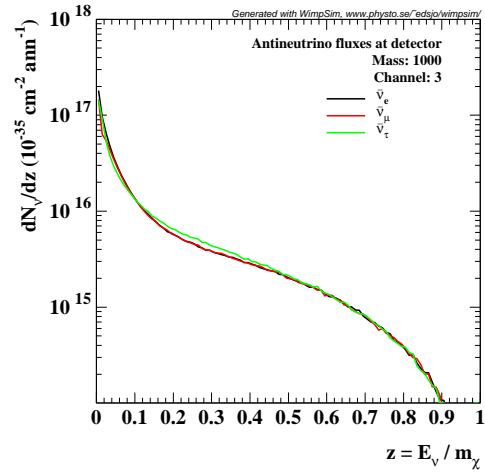
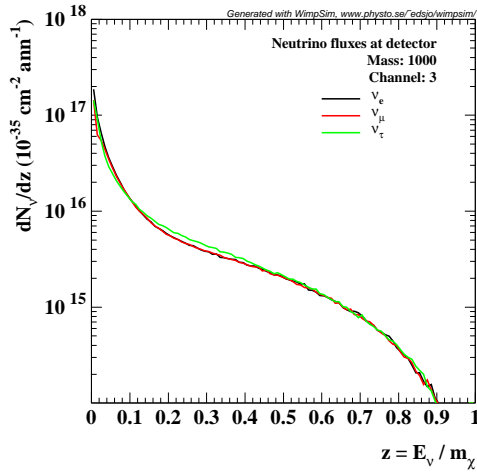
#### 14.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



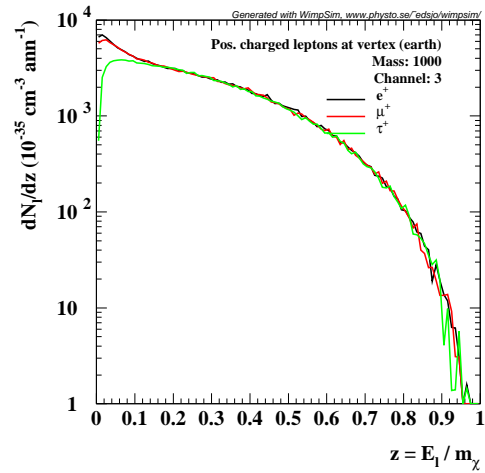
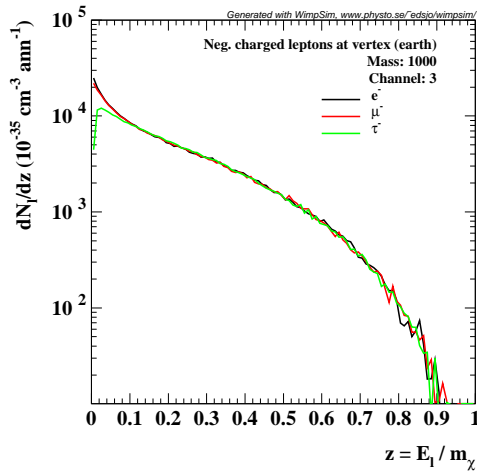
#### 14.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



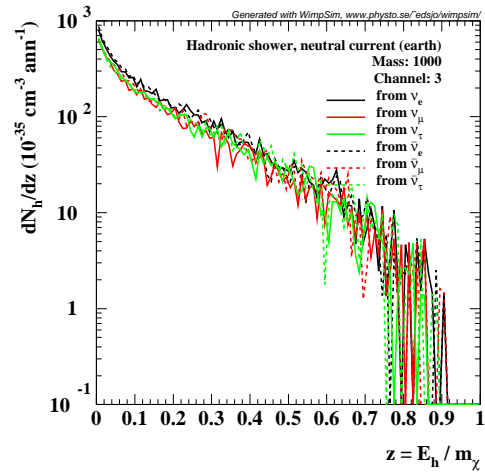
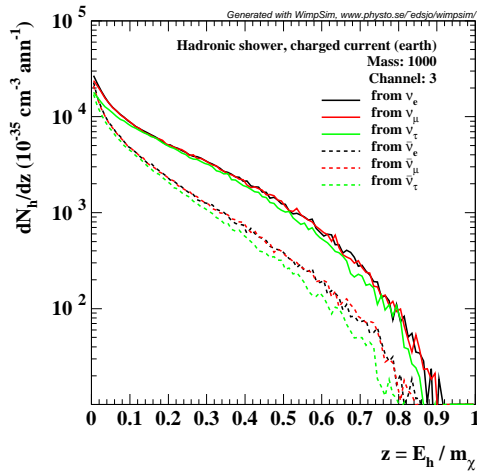
### 14.3.4 Neutrino fluxes at detector (Earth)



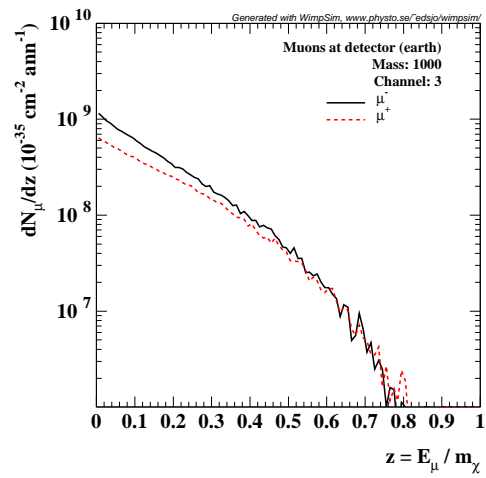
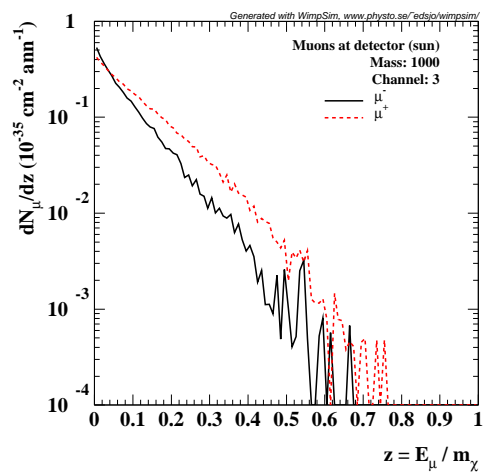
### 14.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 14.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

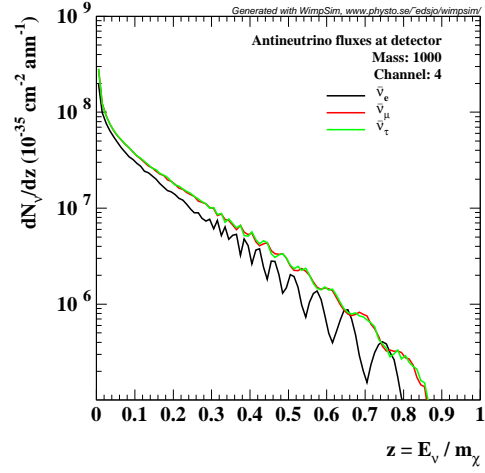
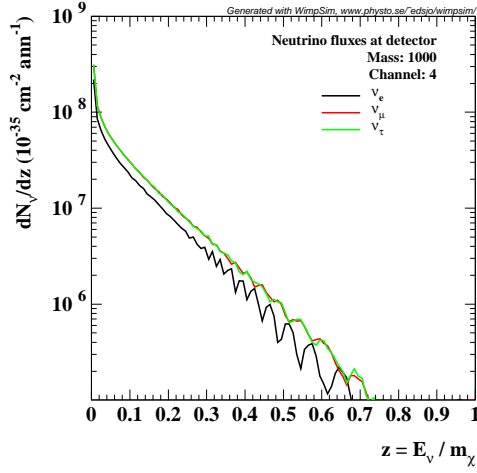


### 14.3.7 Muons at detector (Sun/Earth)

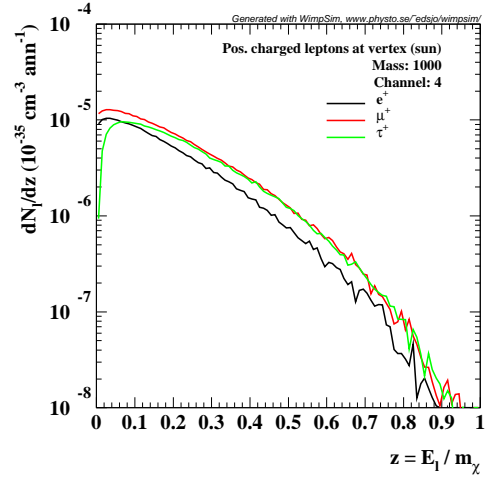
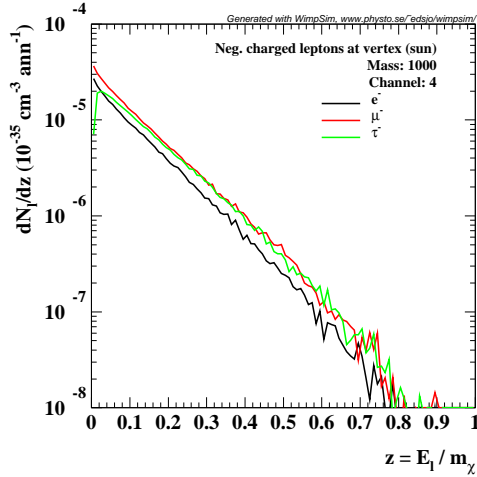


## 14.4 Channel 4 – $\tau^- \tau^+$

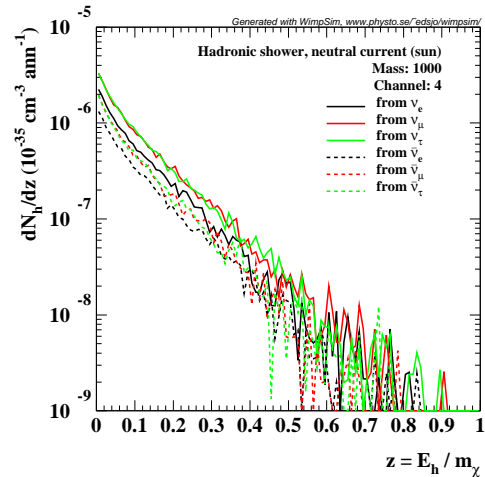
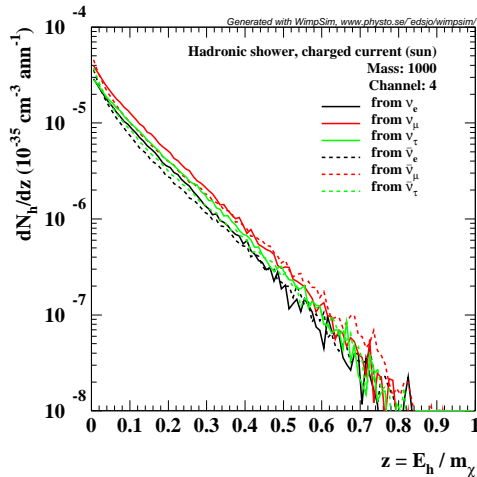
### 14.4.1 Neutrino fluxes at detector (Sun)



### 14.4.2 Charged leptons at neutrino-nucleon vertex (Sun)

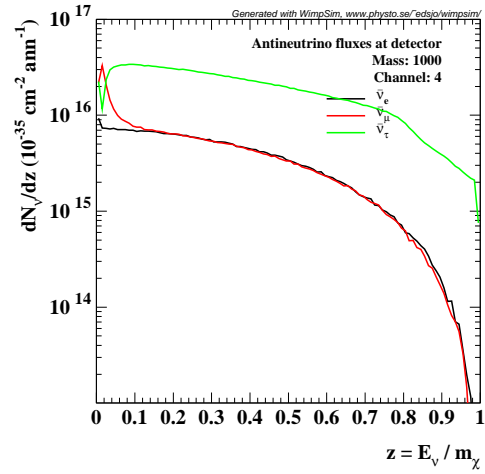
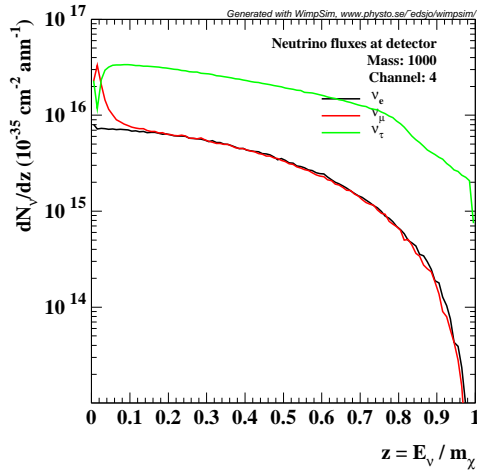


### 14.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)

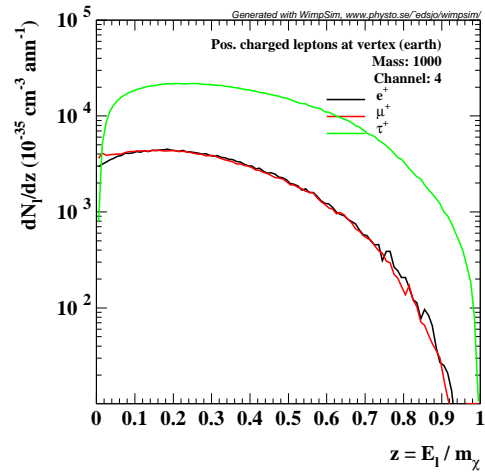
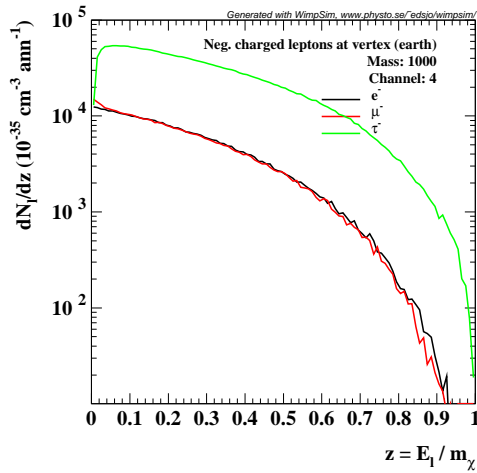




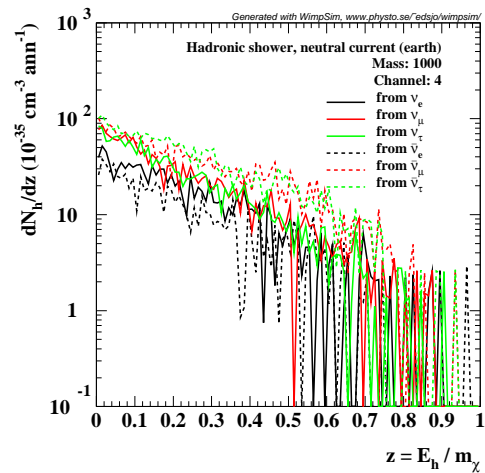
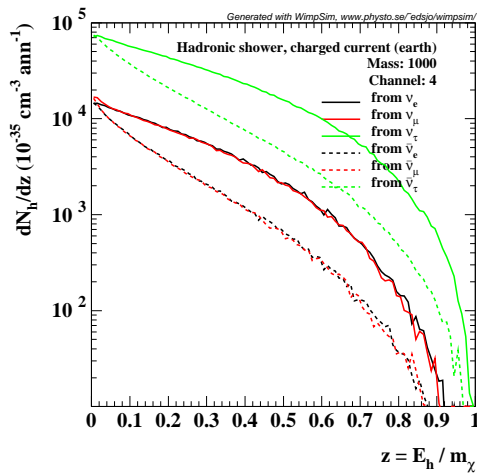
#### 14.4.4 Neutrino fluxes at detector (Earth)



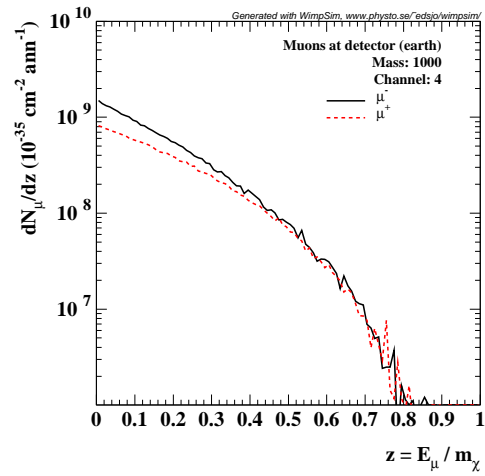
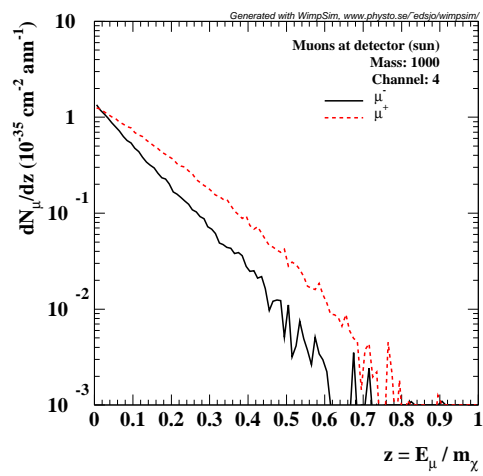
#### 14.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 14.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

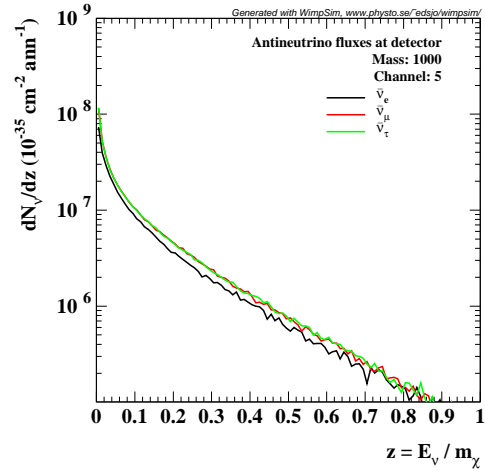
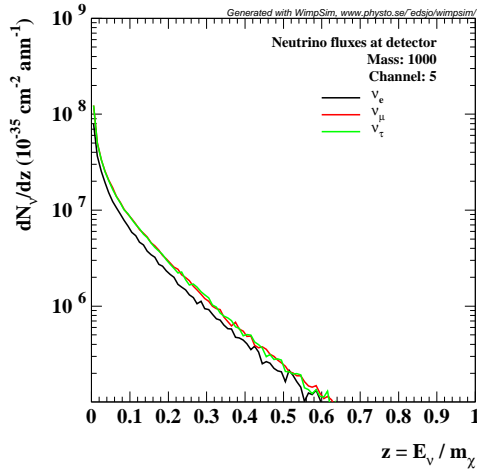


### 14.4.7 Muons at detector (Sun/Earth)

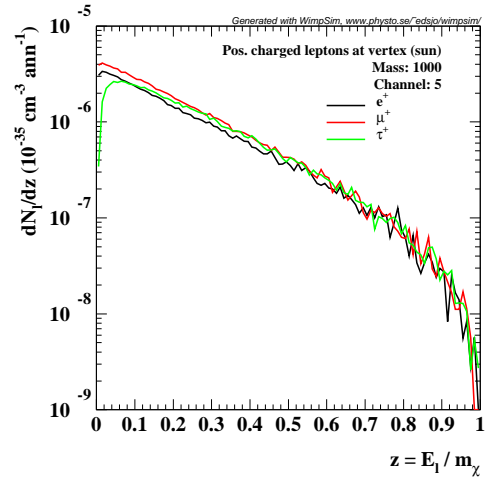
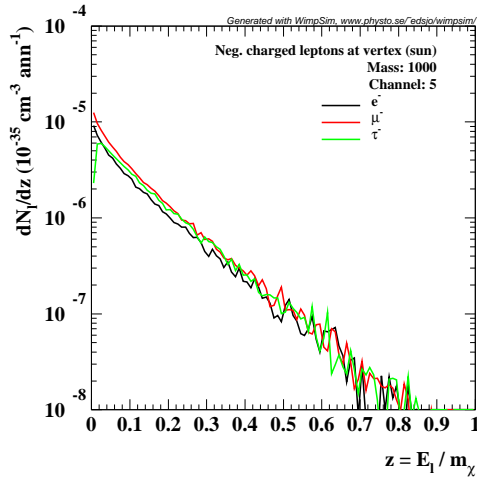


## 14.5 Channel 5 – $W^-W^+$

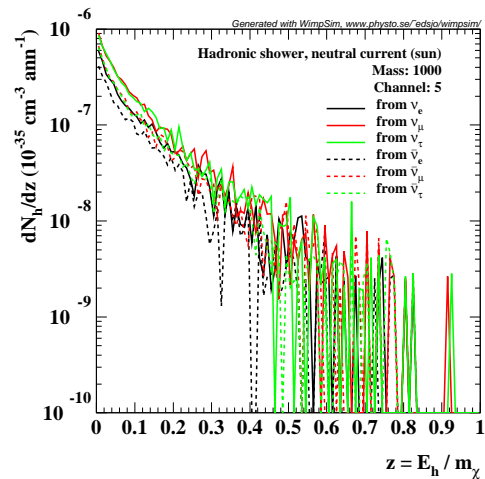
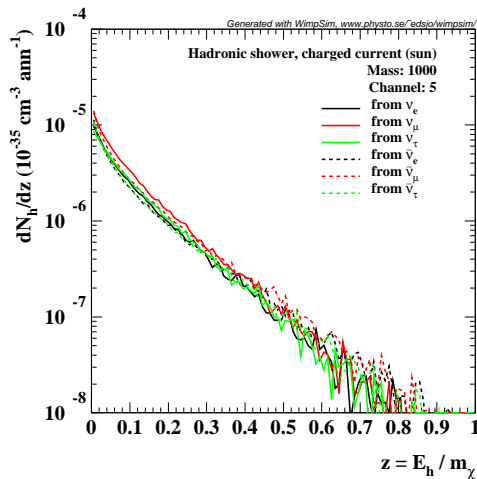
### 14.5.1 Neutrino fluxes at detector (Sun)



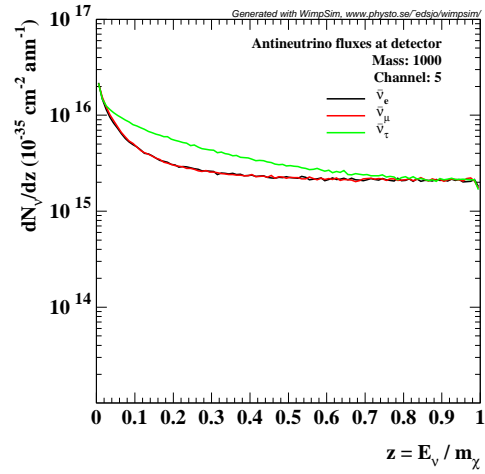
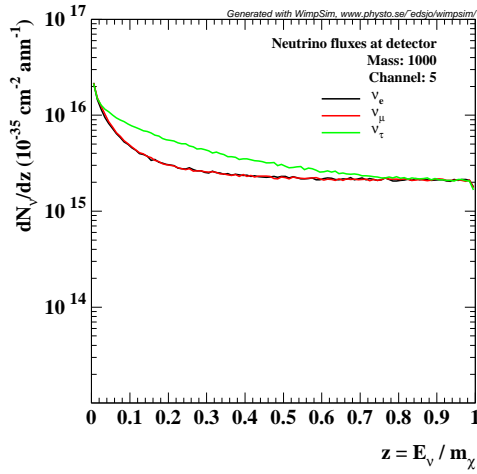
### 14.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



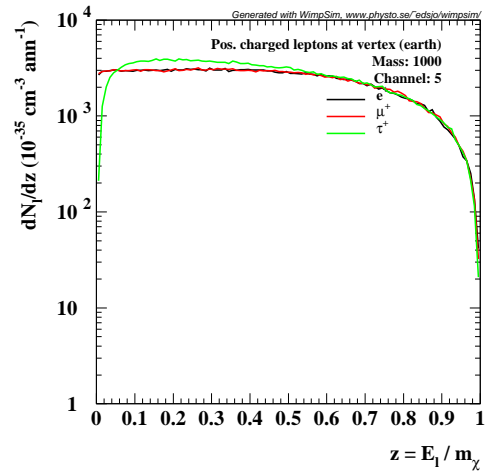
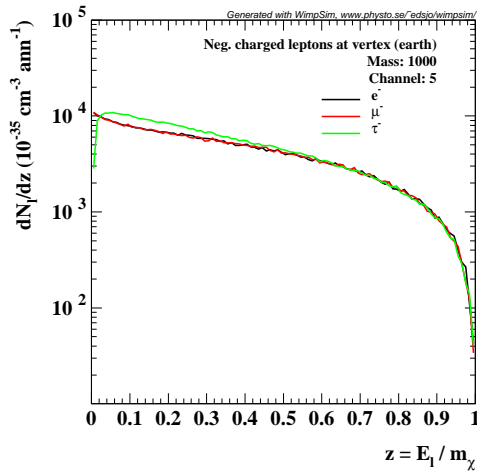
### 14.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



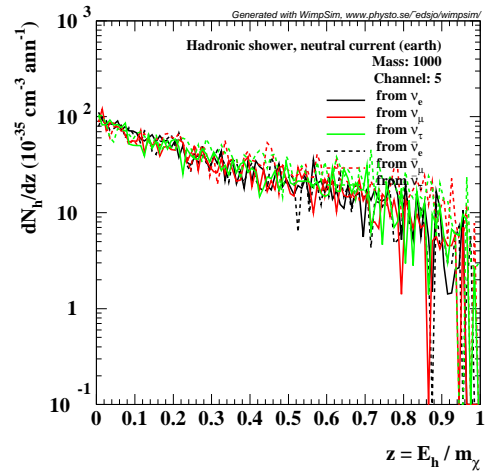
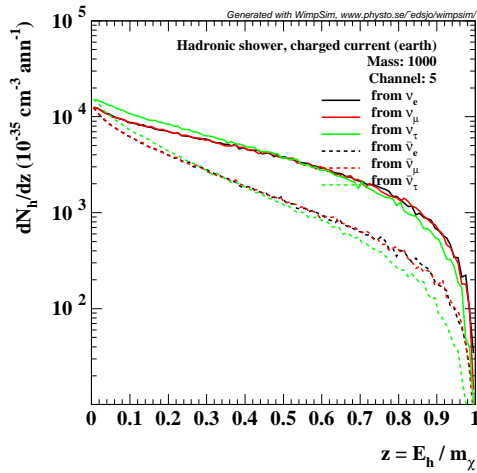
#### 14.5.4 Neutrino fluxes at detector (Earth)



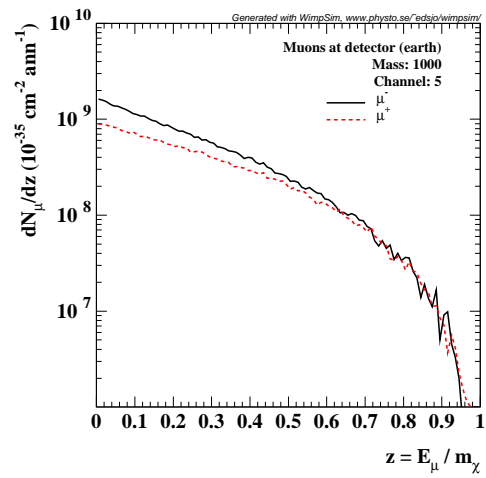
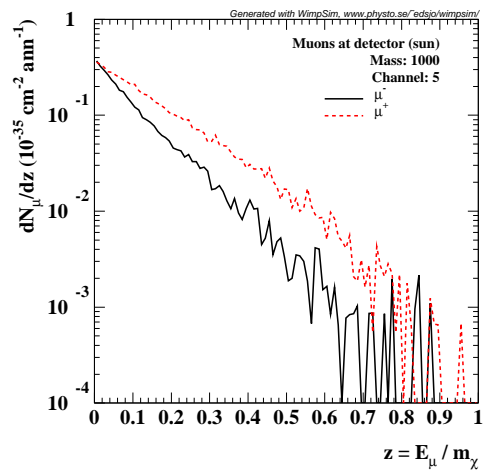
#### 14.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 14.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

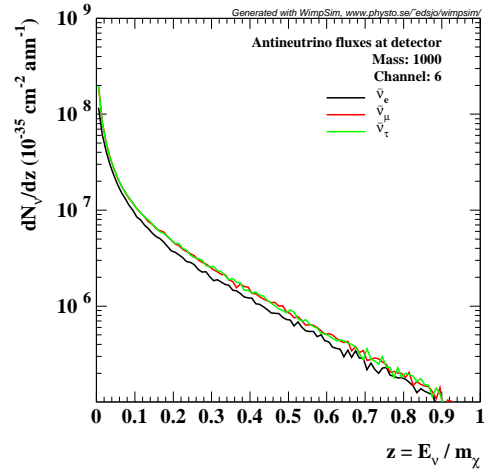
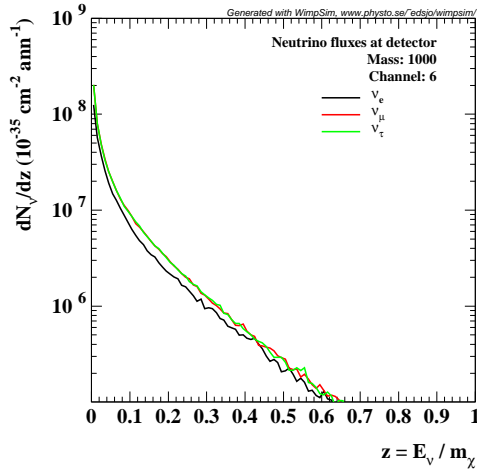


### 14.5.7 Muons at detector (Sun/Earth)

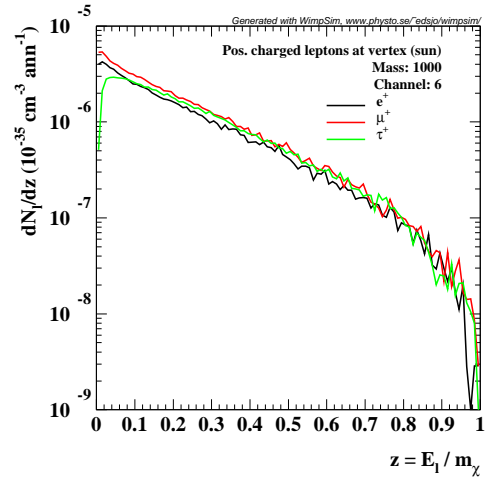
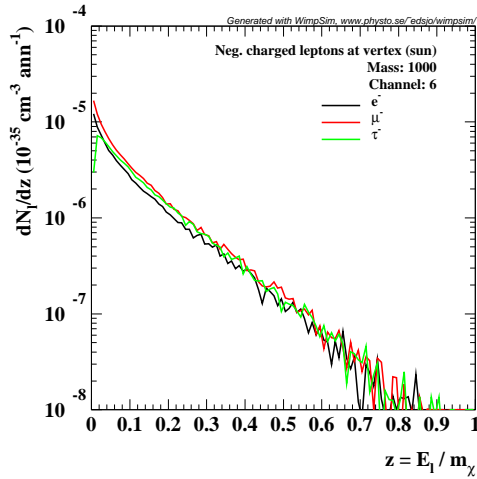


## 14.6 Channel 6 – $Z^0 Z^0$

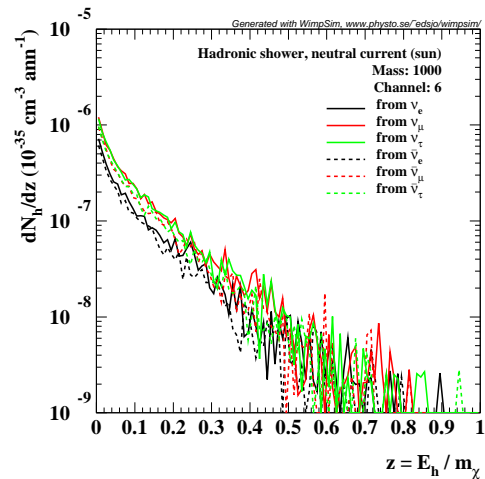
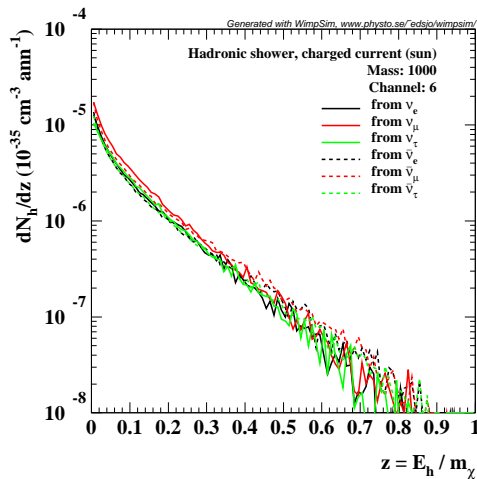
### 14.6.1 Neutrino fluxes at detector (Sun)



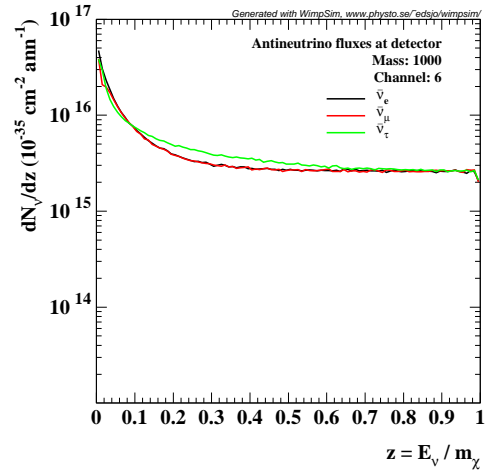
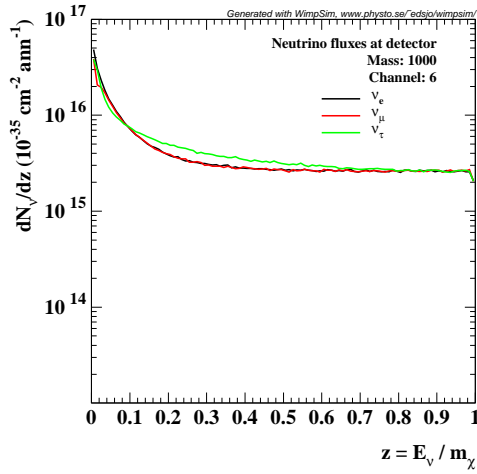
### 14.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



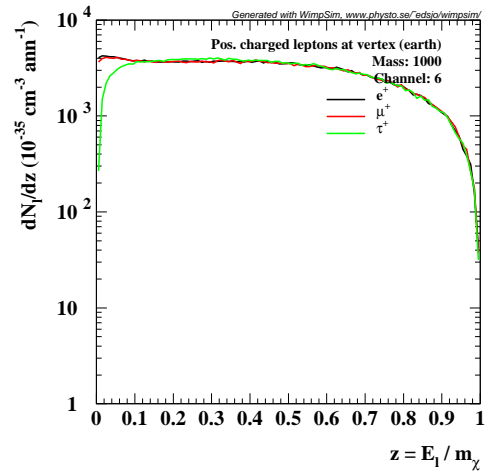
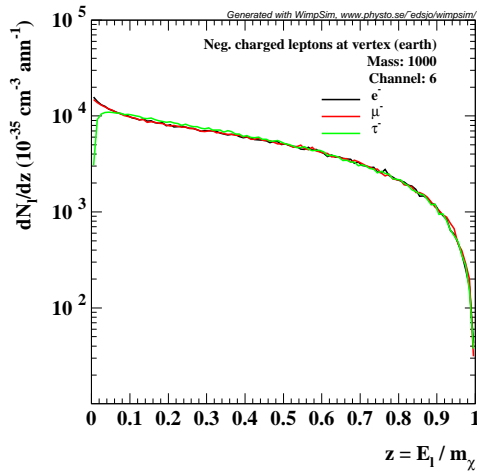
### 14.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



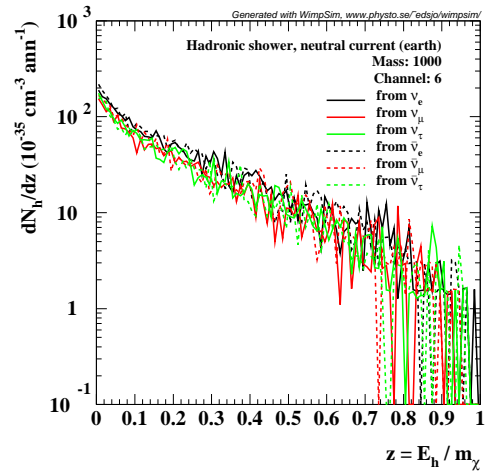
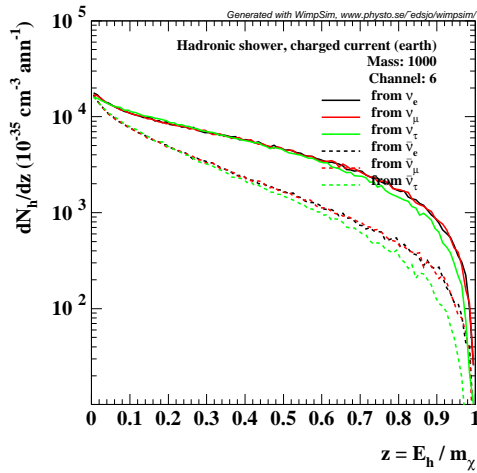
#### 14.6.4 Neutrino fluxes at detector (Earth)



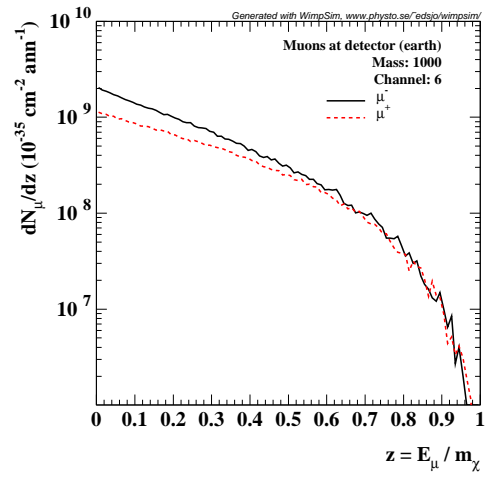
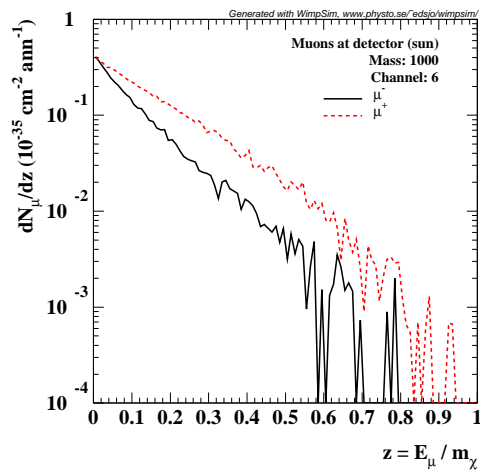
#### 14.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 14.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)



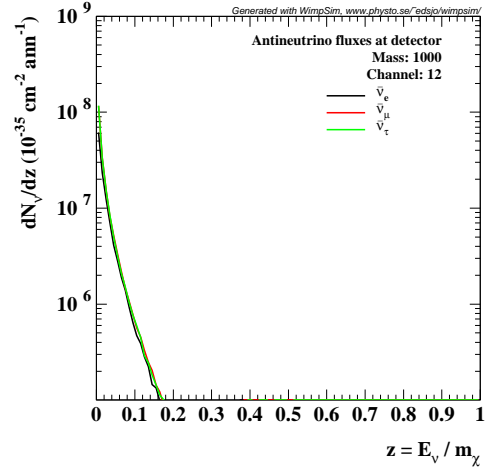
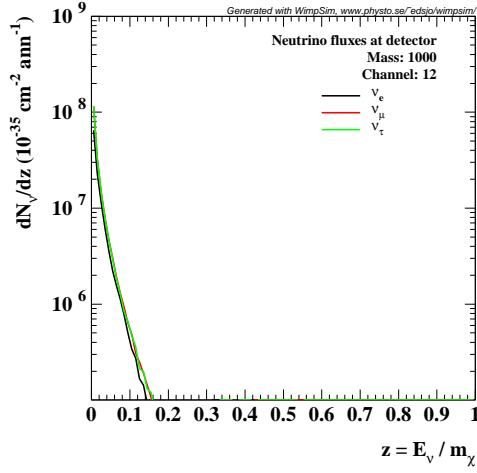
### 14.6.7 Muons at detector (Sun/Earth)



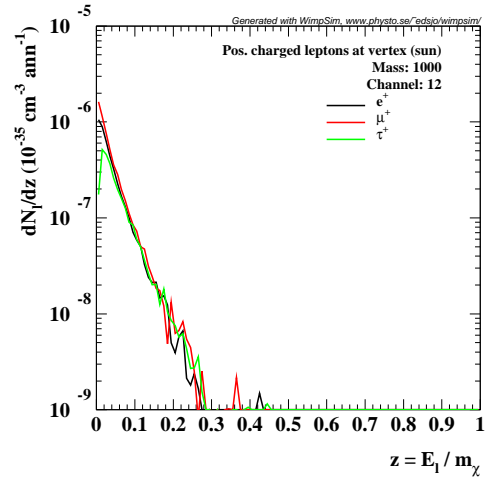
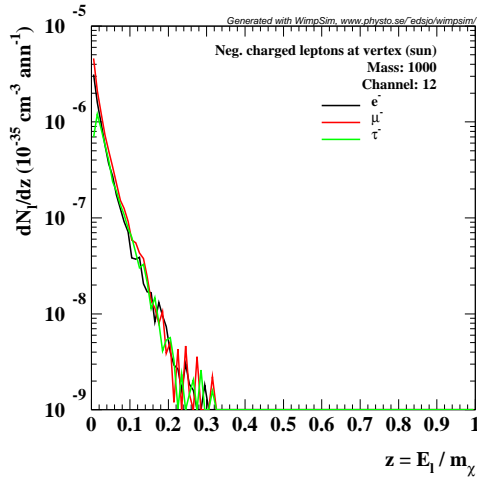


## 14.7 Channel 12 – $gg$

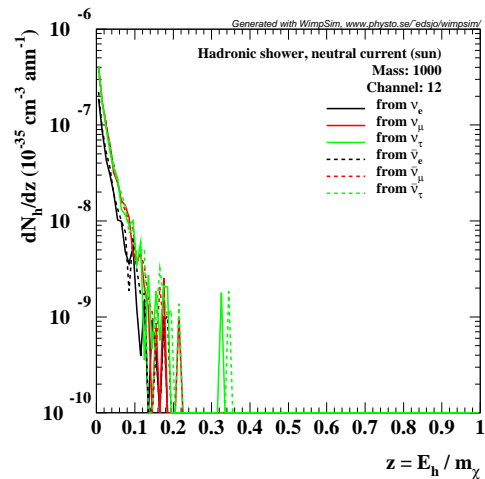
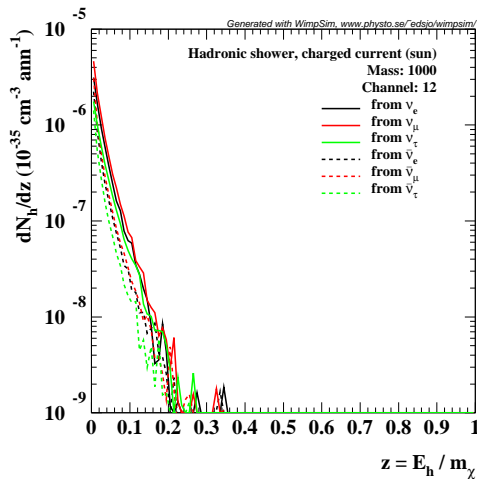
### 14.7.1 Neutrino fluxes at detector (Sun)



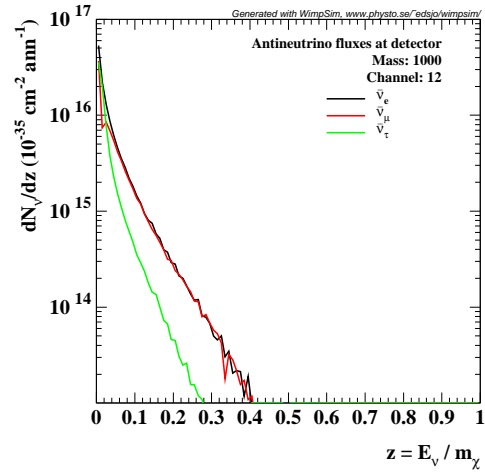
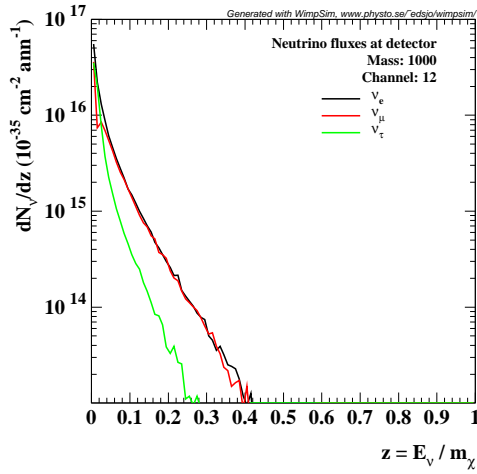
### 14.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



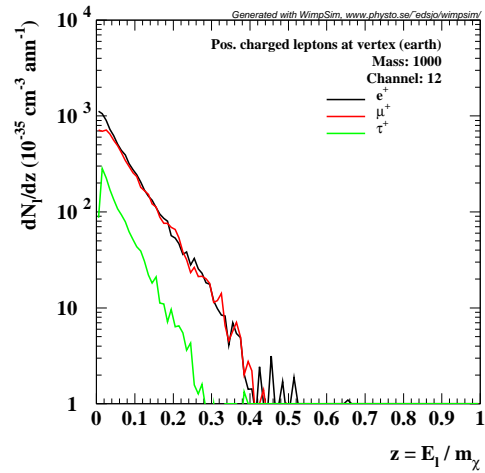
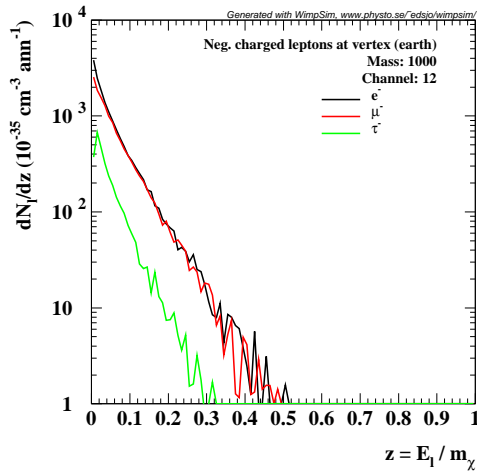
### 14.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



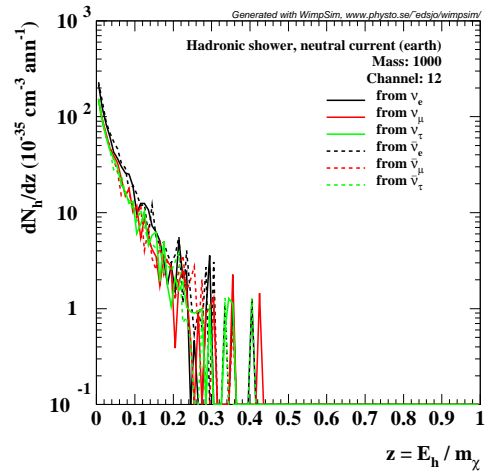
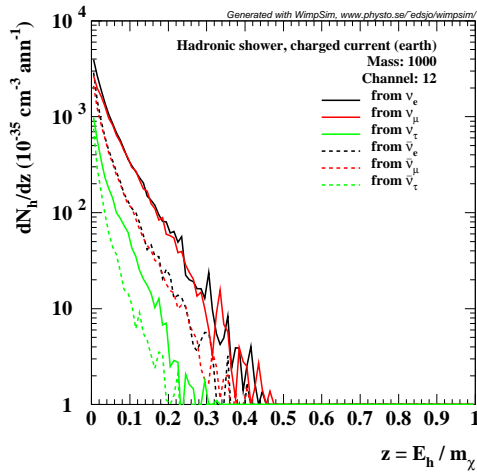
#### 14.7.4 Neutrino fluxes at detector (Earth)



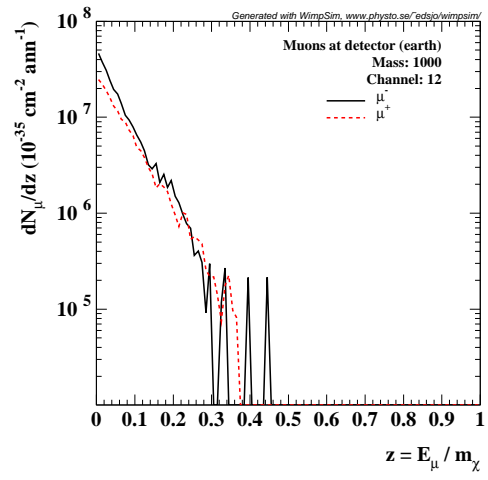
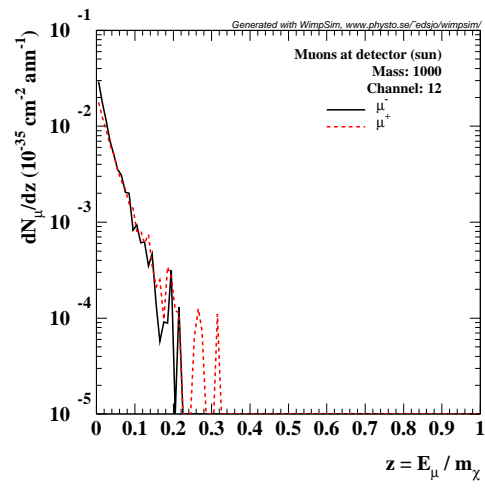
#### 14.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 14.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)

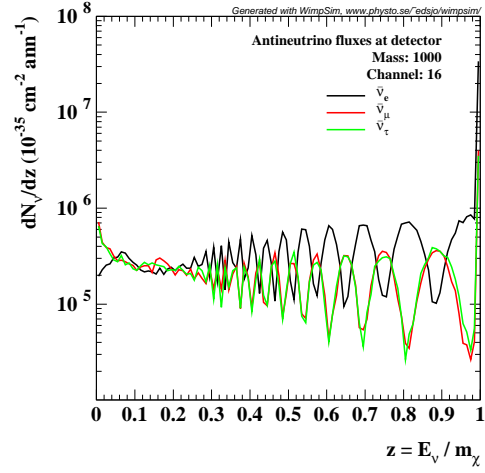
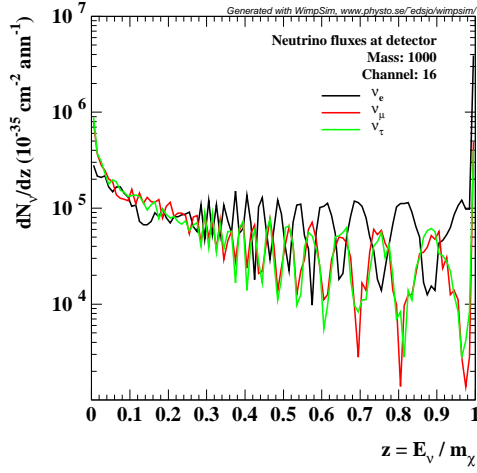


### 14.7.7 Muons at detector (Sun/Earth)

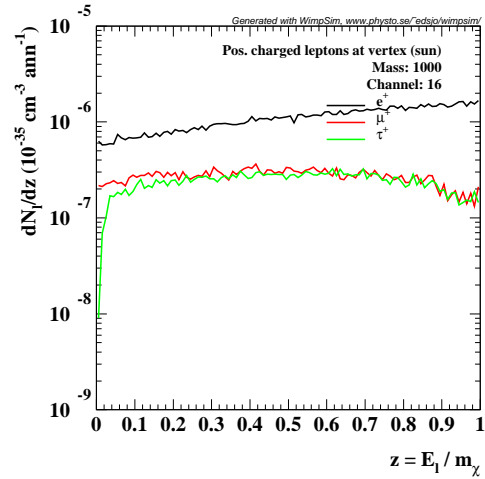
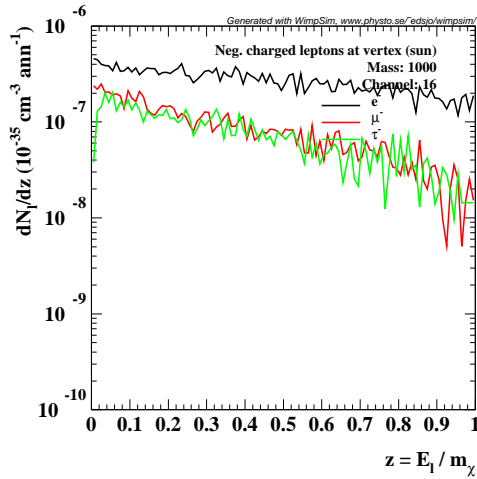


## 14.8 Channel 16 – $\nu_e \bar{\nu}_e$

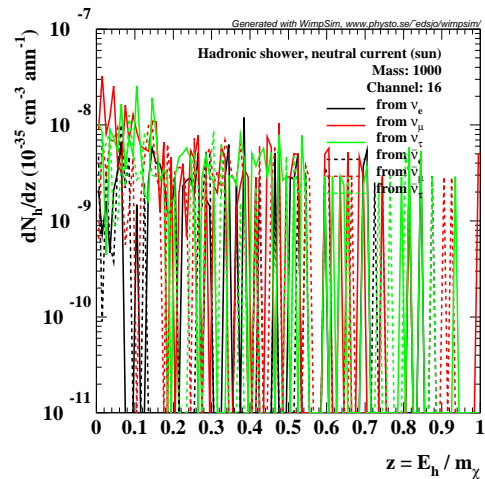
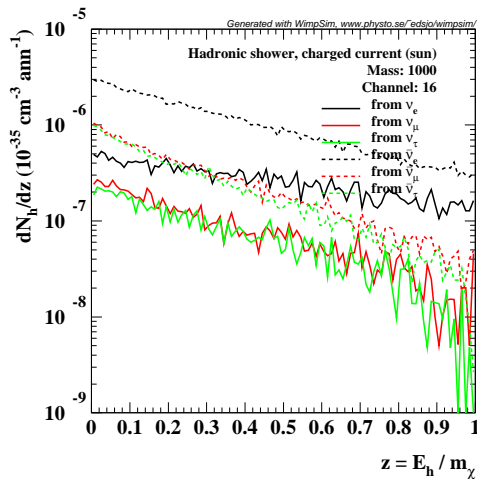
### 14.8.1 Neutrino fluxes at detector (Sun)



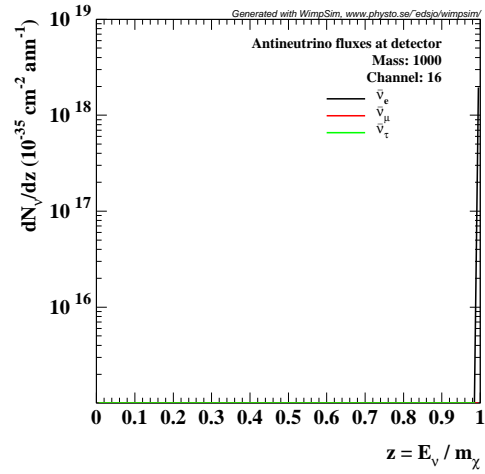
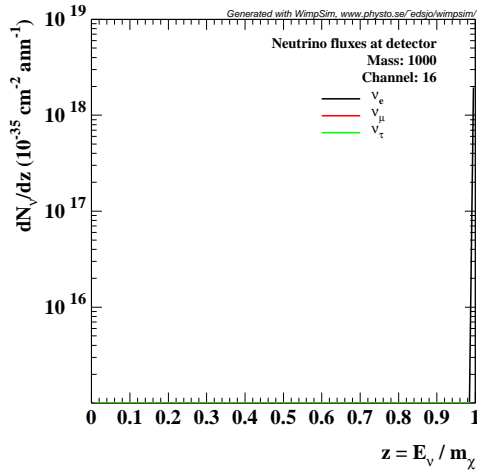
### 14.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



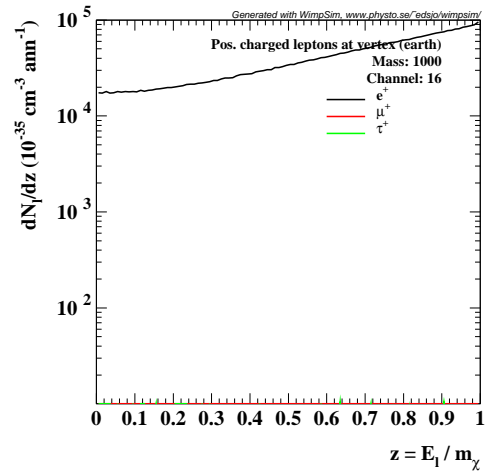
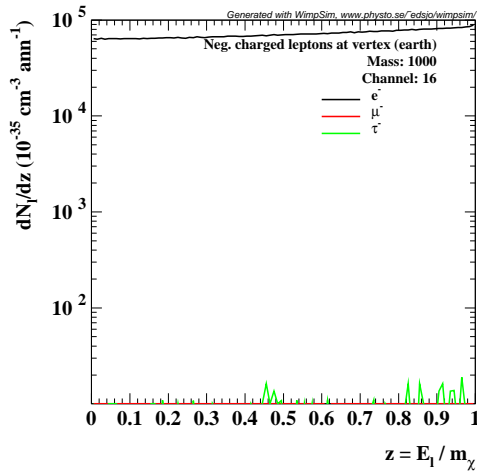
### 14.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



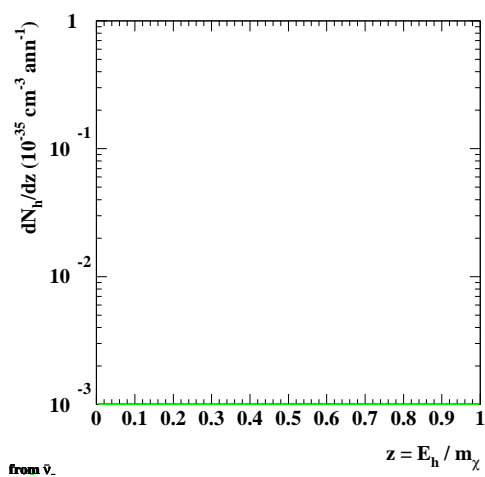
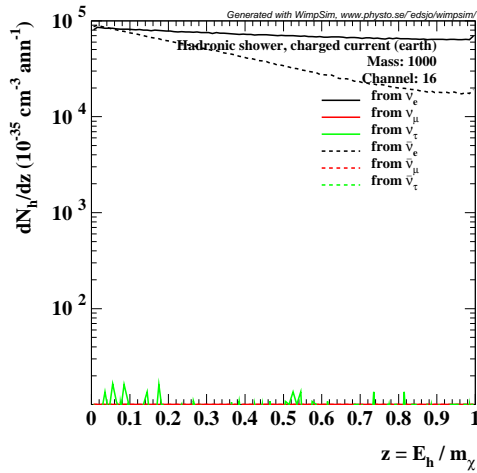
#### 14.8.4 Neutrino fluxes at detector (Earth)



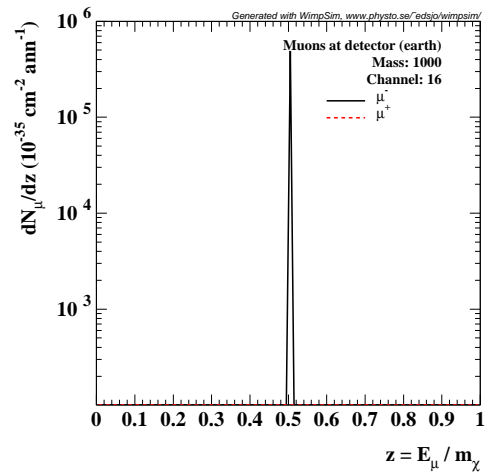
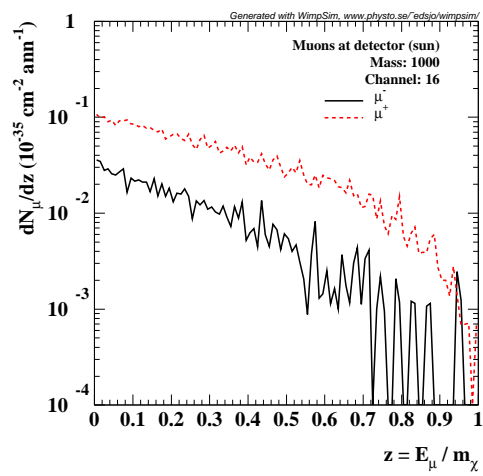
#### 14.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 14.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)

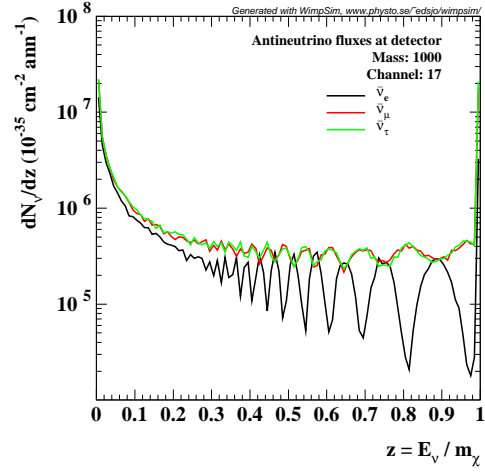
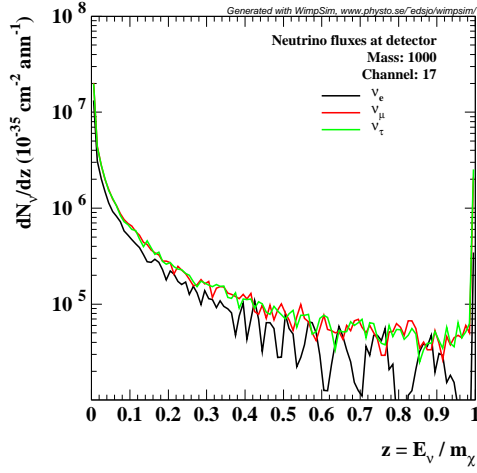


### 14.8.7 Muons at detector (Sun/Earth)

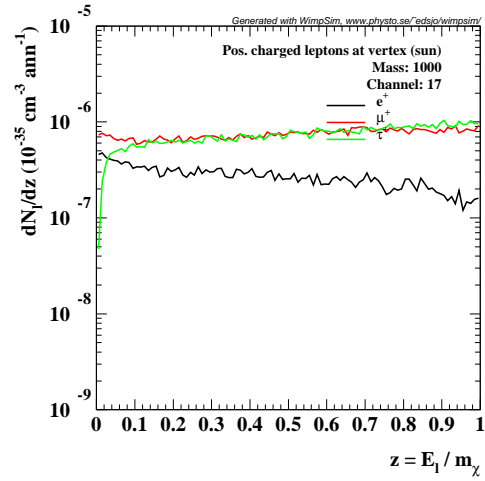
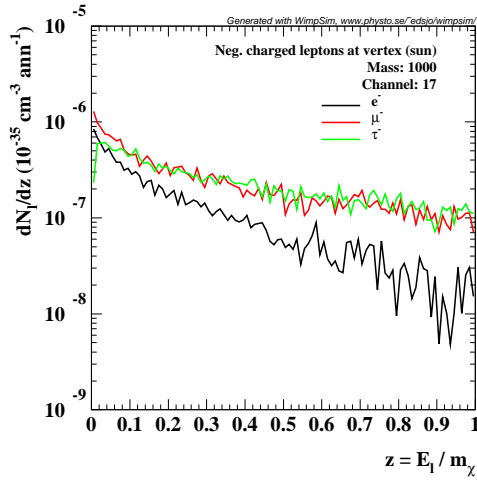


## 14.9 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

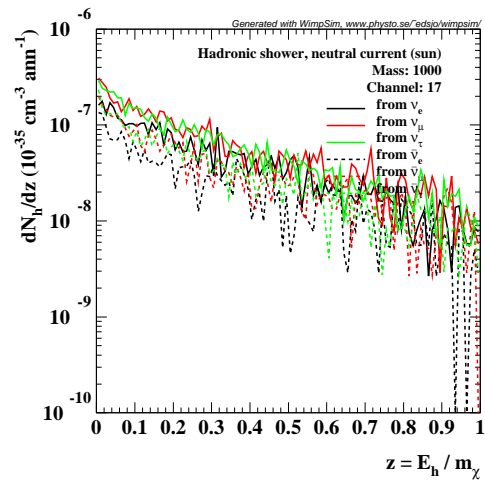
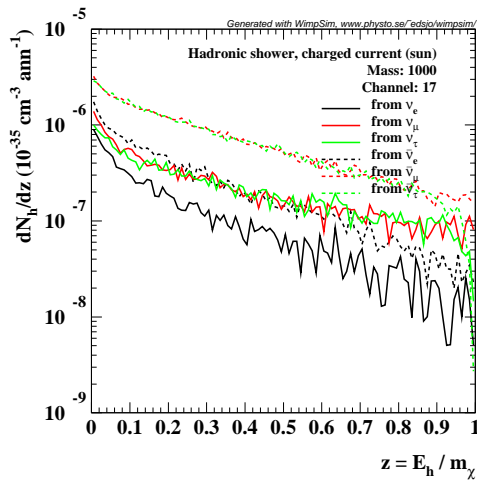
### 14.9.1 Neutrino fluxes at detector (Sun)



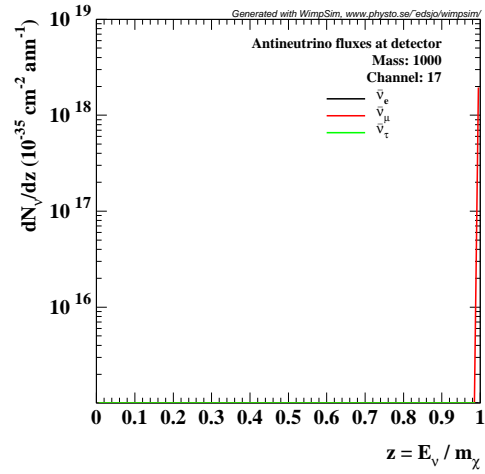
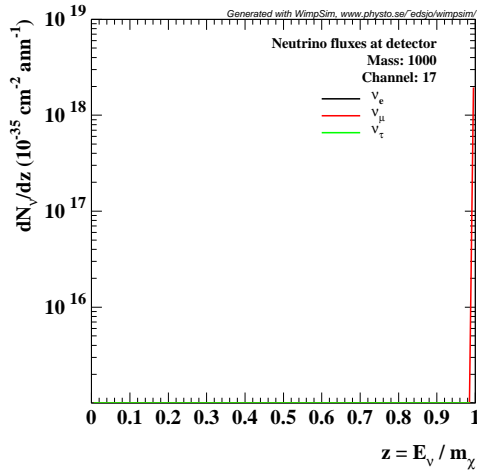
### 14.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



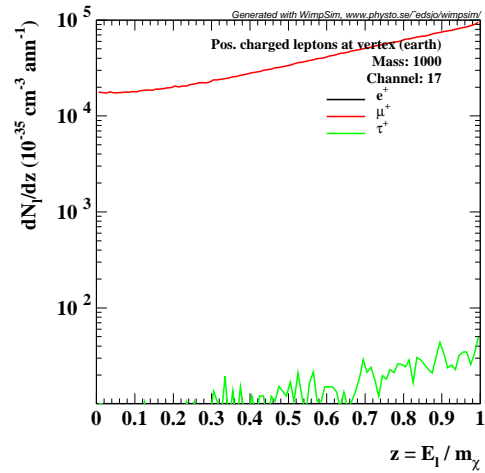
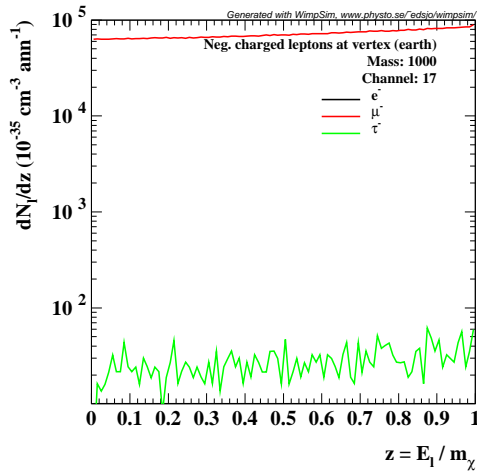
### 14.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



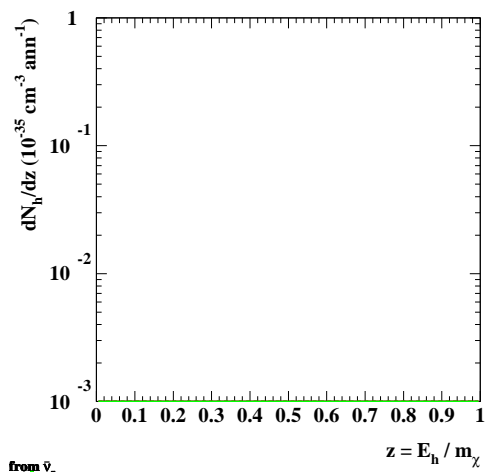
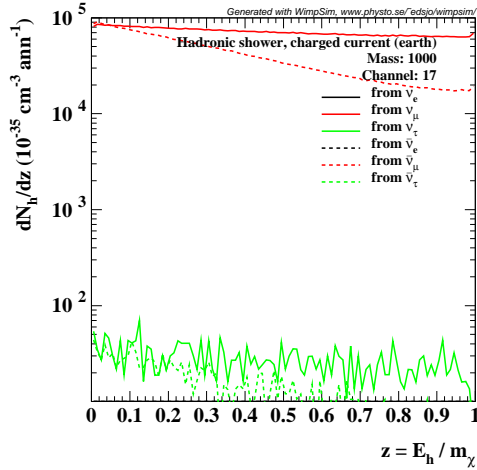
#### 14.9.4 Neutrino fluxes at detector (Earth)



#### 14.9.5 Charged leptons at neutrino-nucleon vertex (Earth)

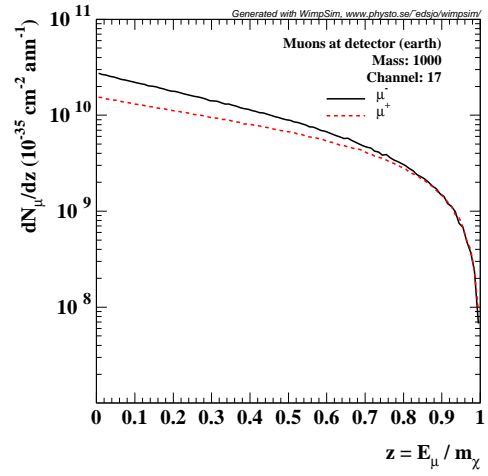
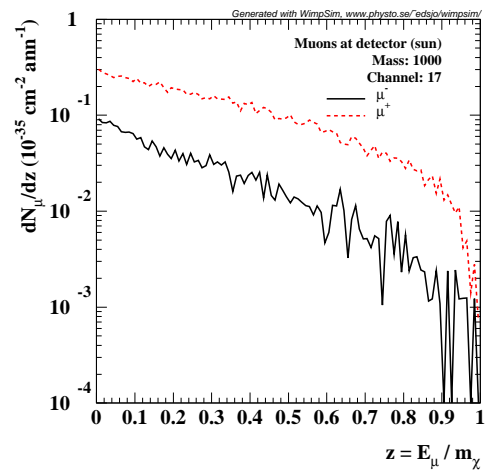


#### 14.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)



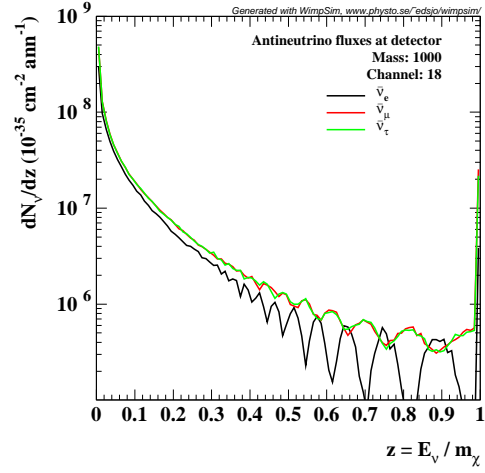
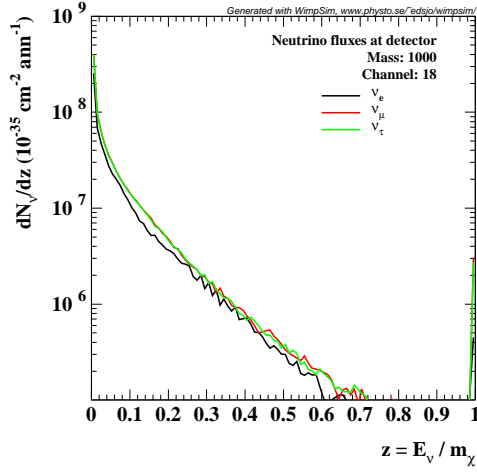


### 14.9.7 Muons at detector (Sun/Earth)

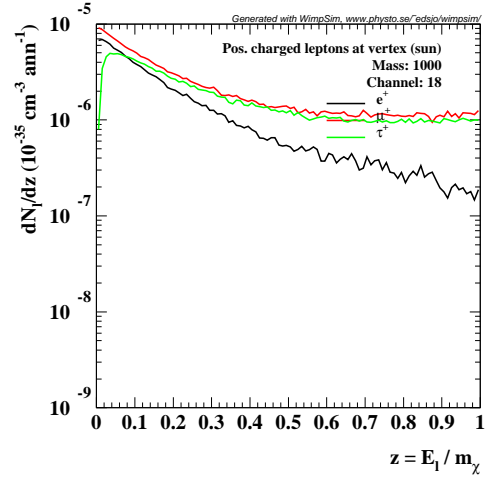
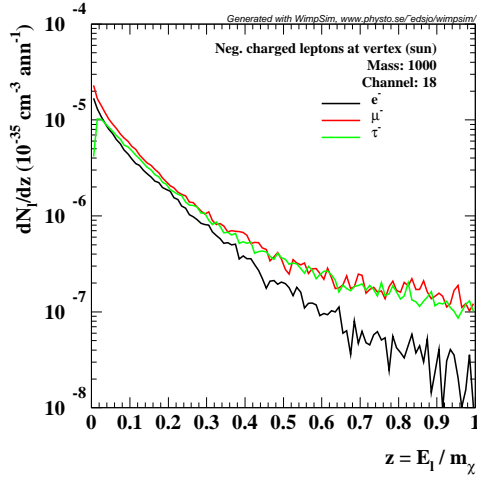


## 14.10 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

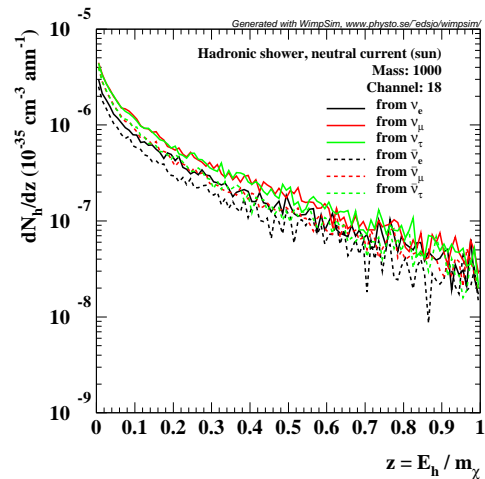
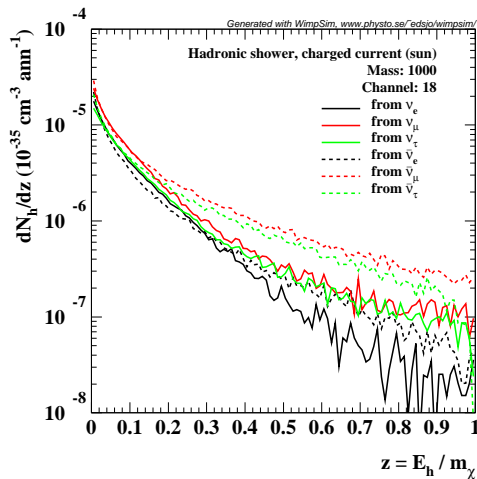
### 14.10.1 Neutrino fluxes at detector (Sun)



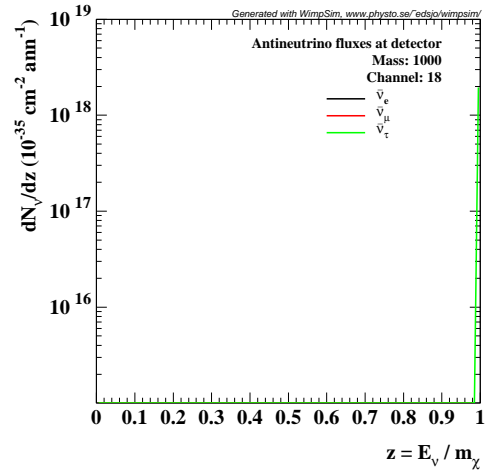
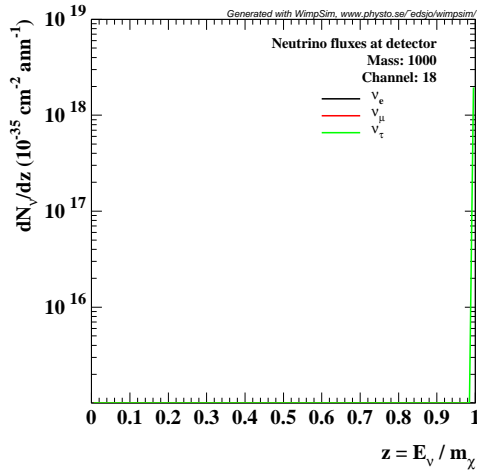
### 14.10.2 Charged leptons at neutrino-nucleon vertex (Sun)



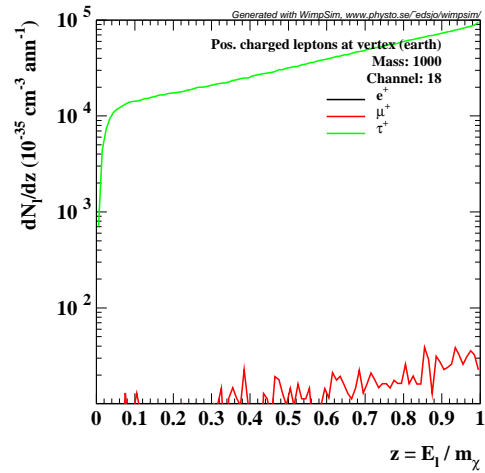
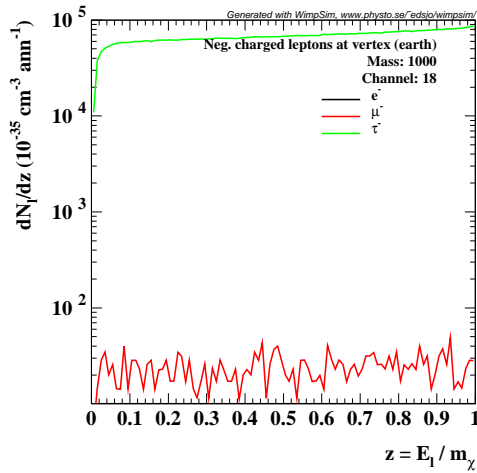
### 14.10.3 Hadronic shower at neutrino-nucleon vertex (Sun)



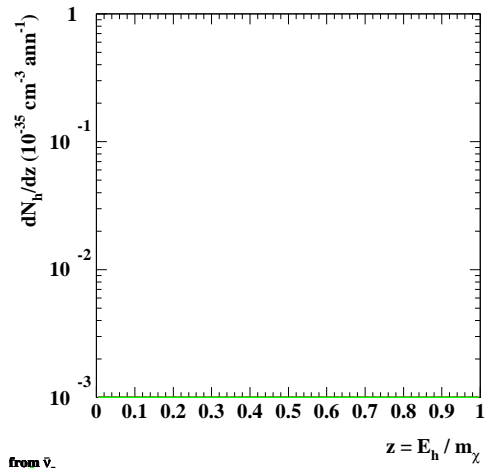
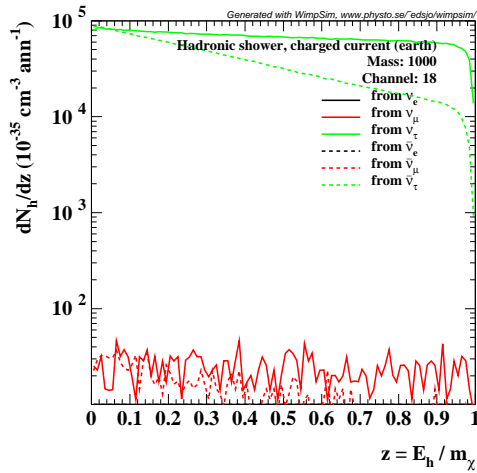
#### 14.10.4 Neutrino fluxes at detector (Earth)



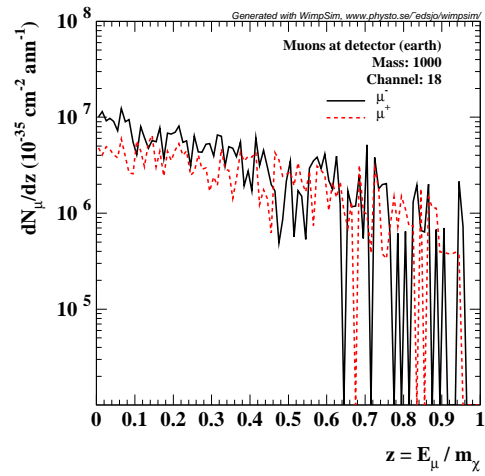
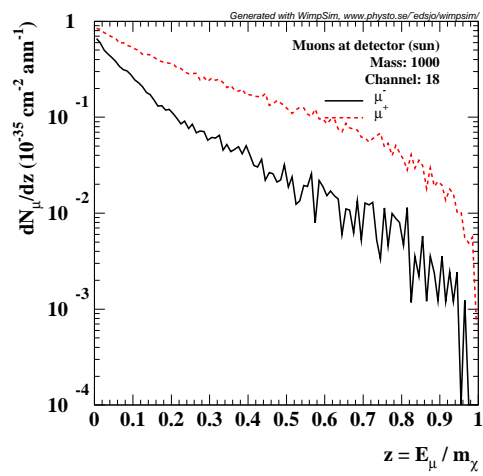
#### 14.10.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 14.10.6 Hadronic shower at neutrino-nucleon vertex (Earth)



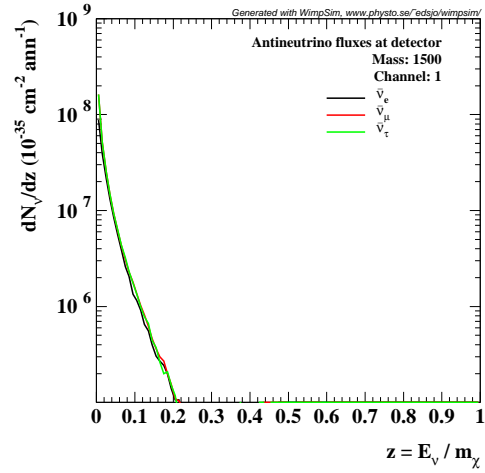
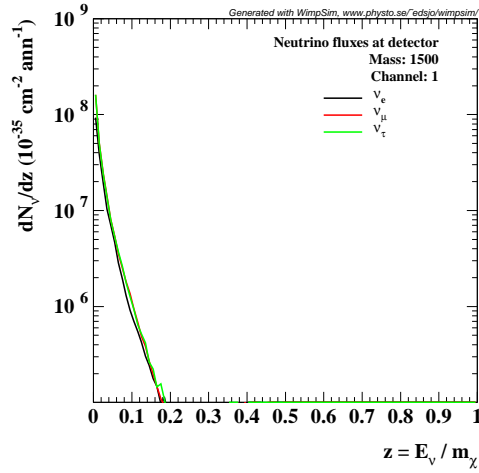
### 14.10.7 Muons at detector (Sun/Earth)



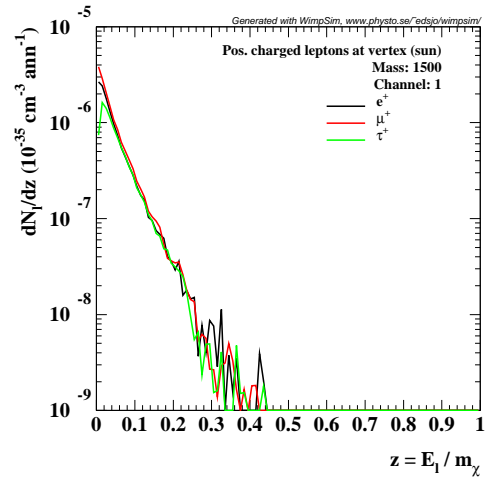
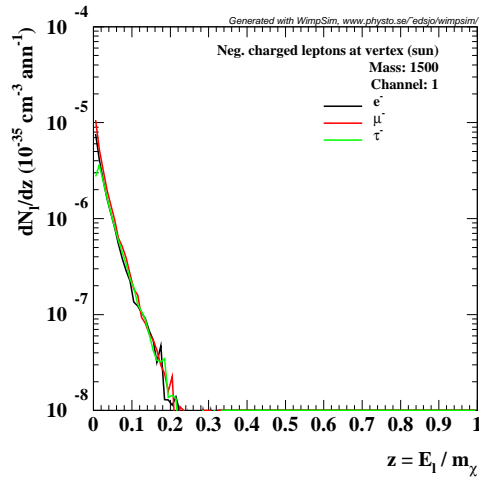
## 15 Mass 1500

### 15.1 Channel 1 – $c\bar{c}$

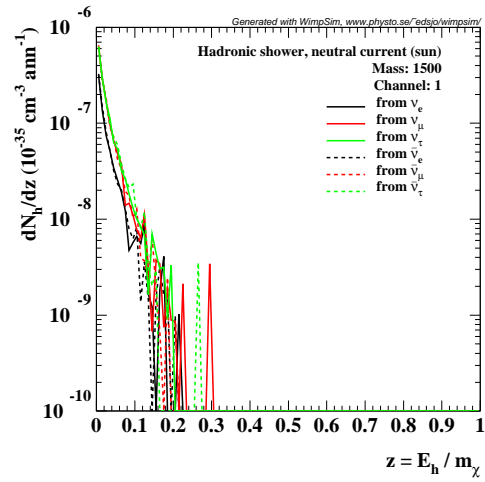
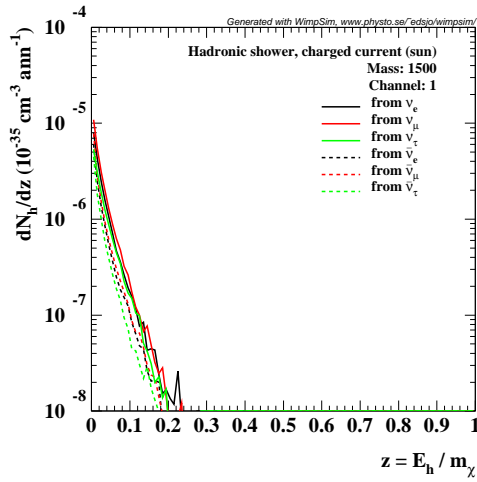
#### 15.1.1 Neutrino fluxes at detector (Sun)



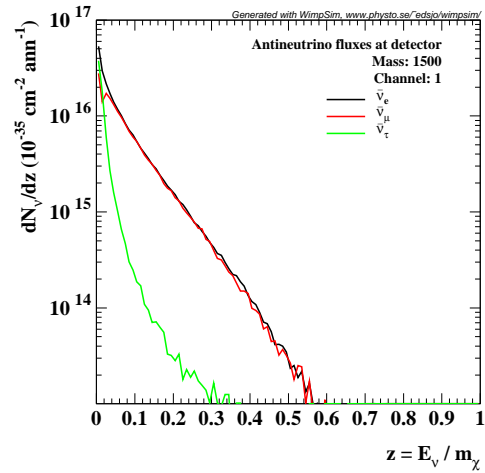
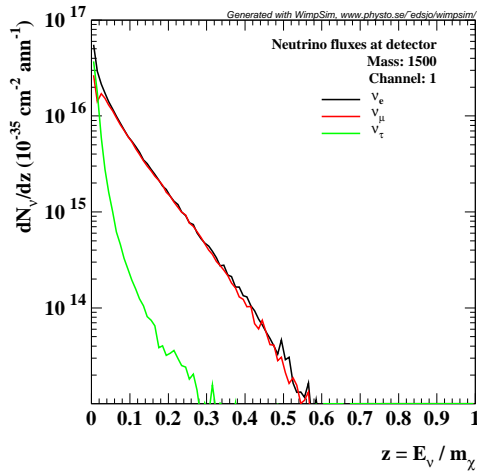
#### 15.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



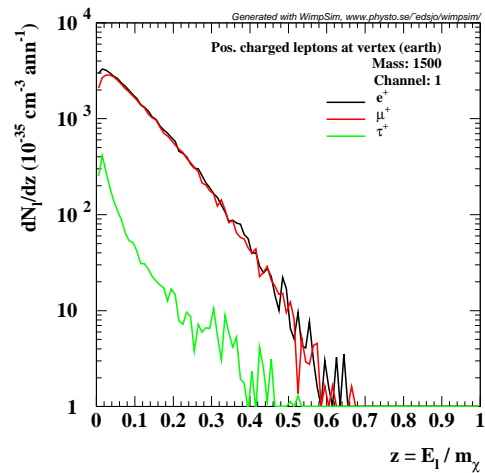
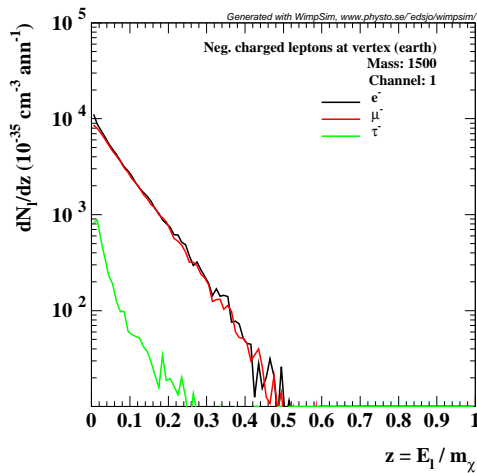
### 15.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



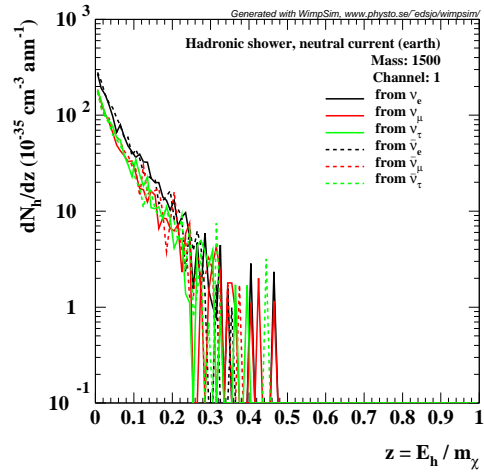
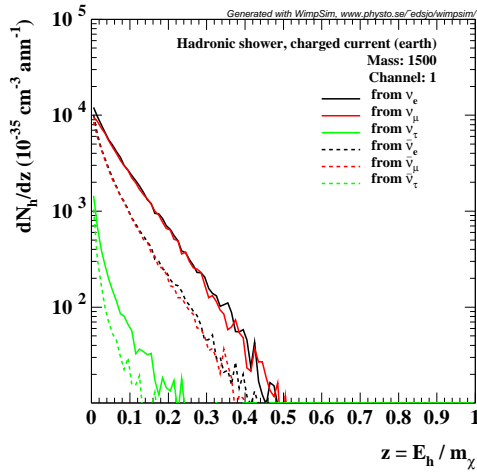
### 15.1.4 Neutrino fluxes at detector (Earth)



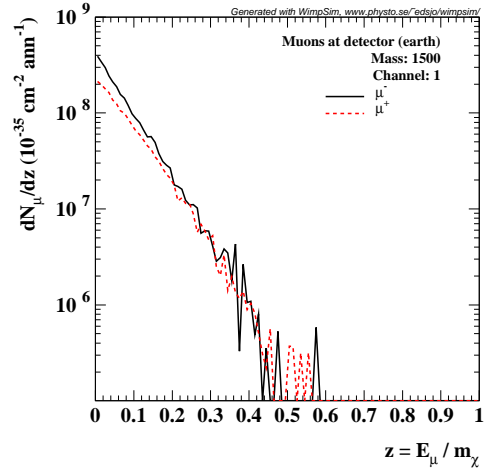
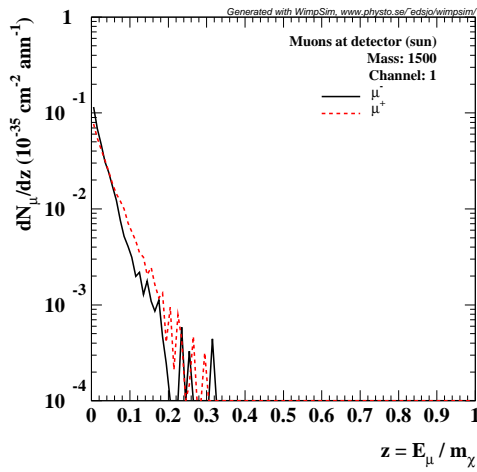
### 15.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 15.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

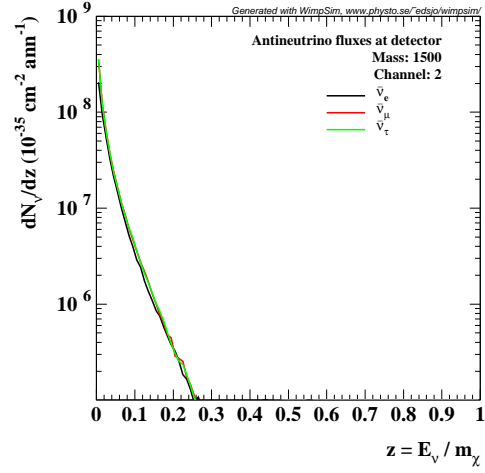
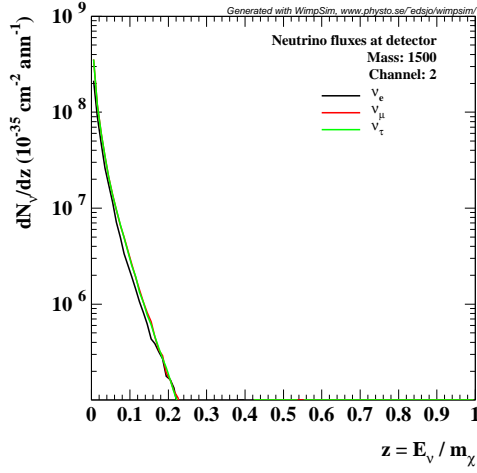


### 15.1.7 Muons at detector (Sun/Earth)

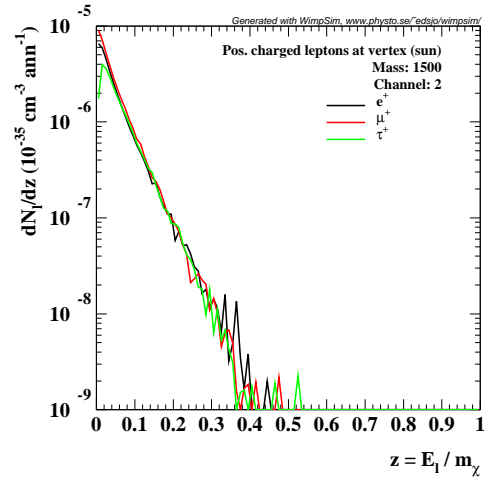
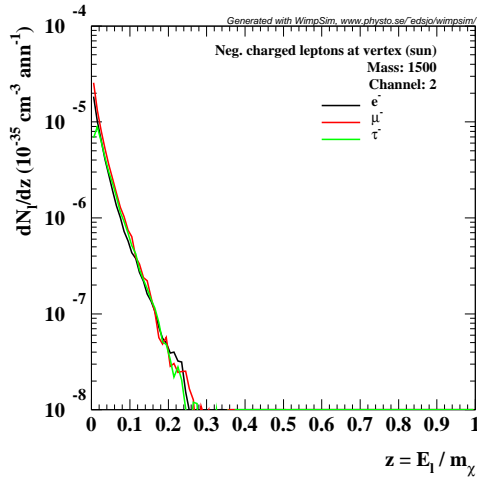


## 15.2 Channel 2 – $b\bar{b}$

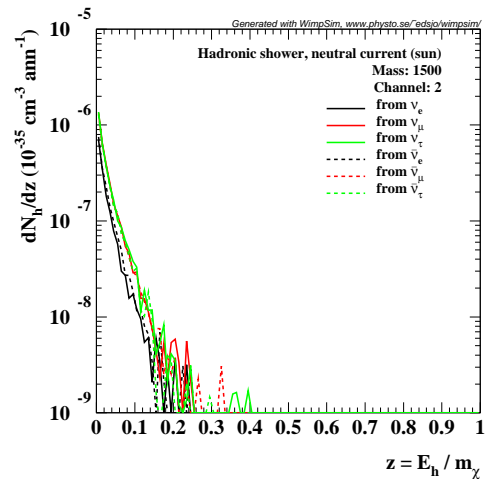
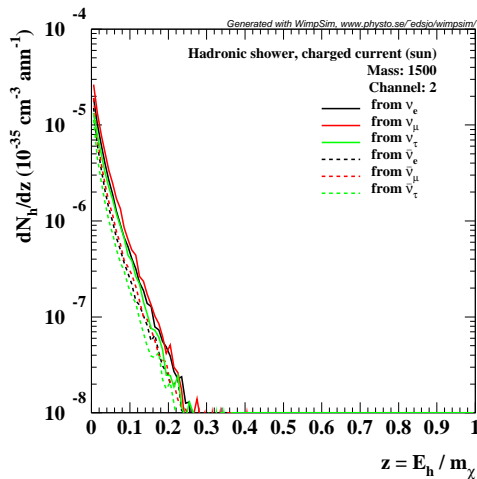
### 15.2.1 Neutrino fluxes at detector (Sun)



### 15.2.2 Charged leptons at neutrino-nucleon vertex (Sun)

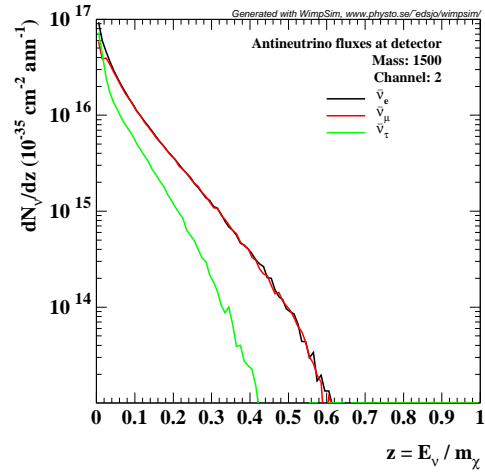
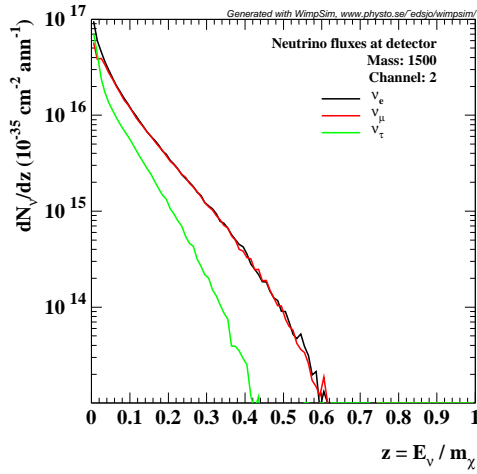


### 15.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)

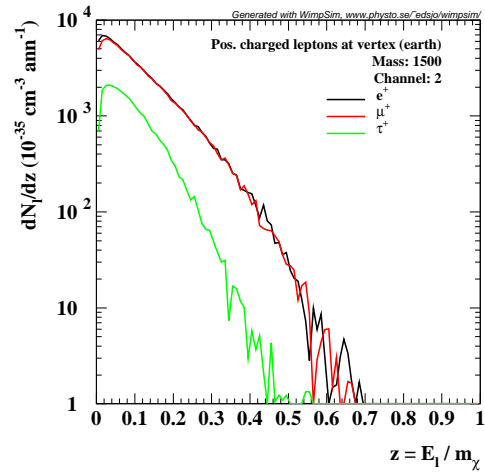
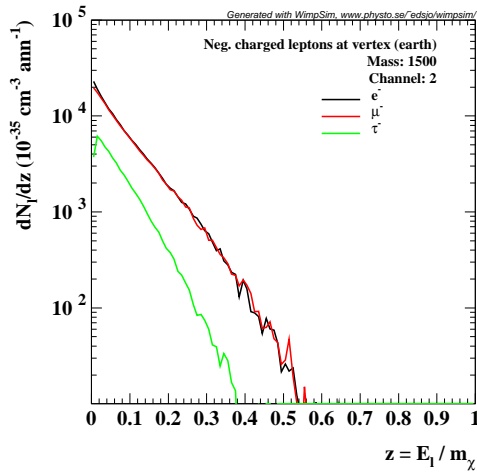




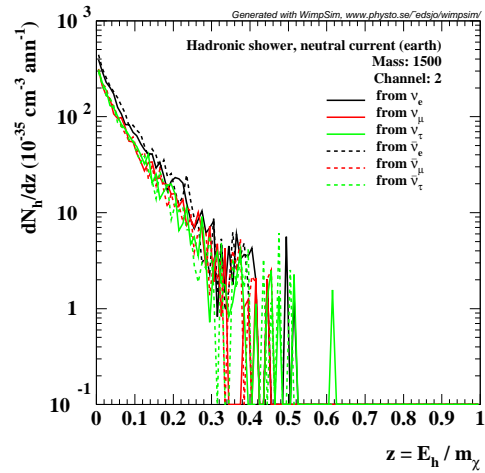
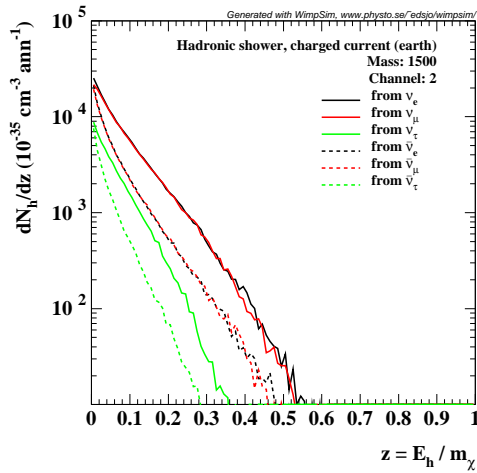
### 15.2.4 Neutrino fluxes at detector (Earth)



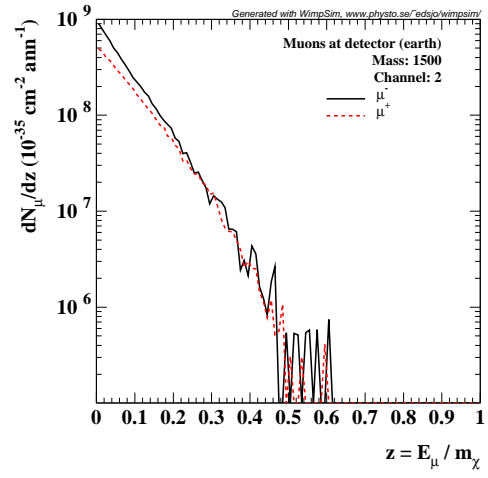
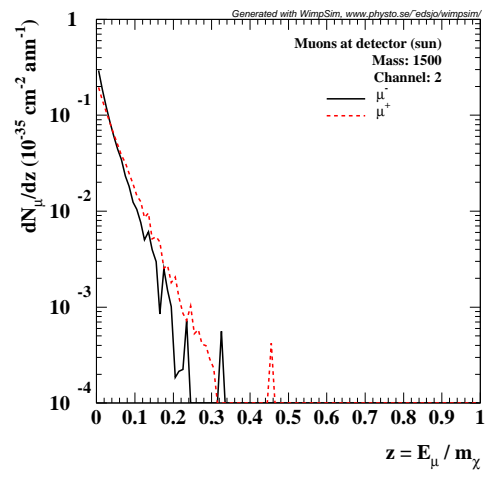
### 15.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 15.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

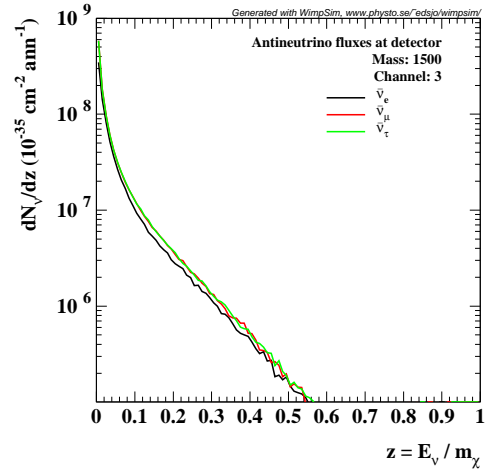
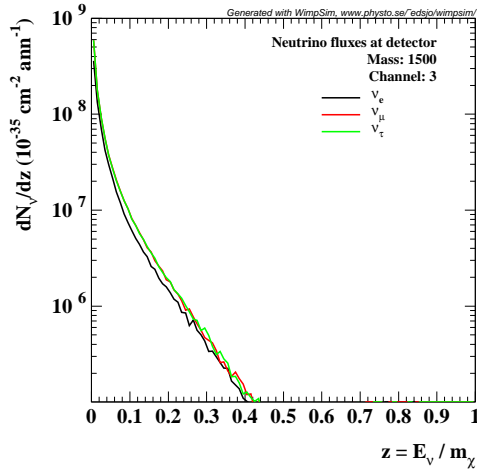


### 15.2.7 Muons at detector (Sun/Earth)

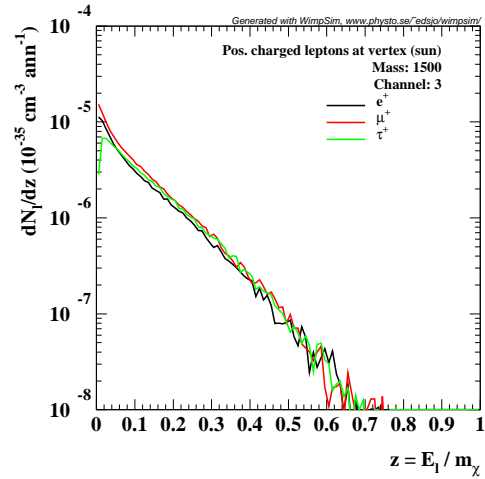
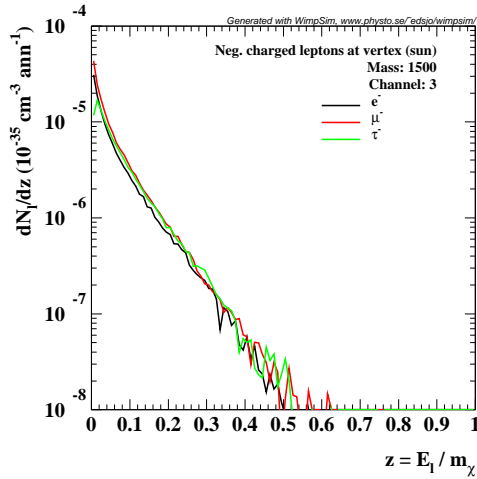


## 15.3 Channel 3 – $t\bar{t}$

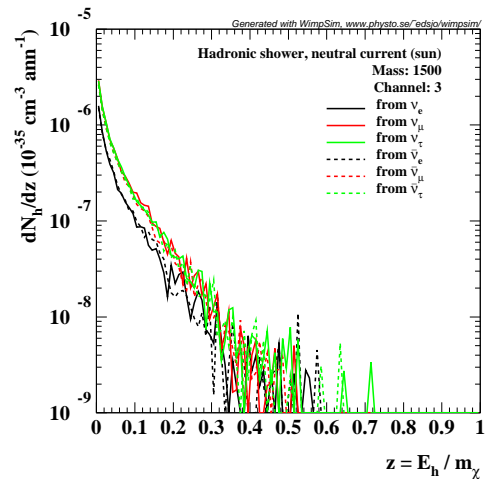
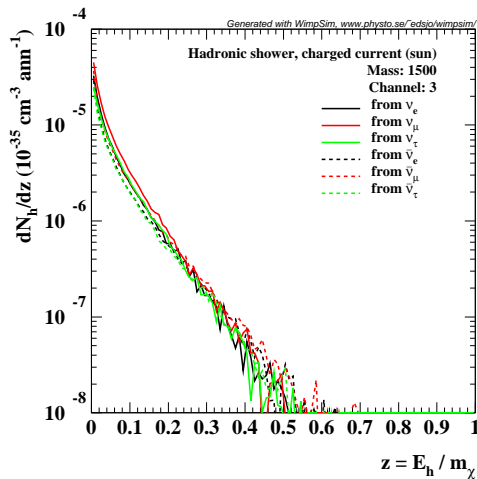
### 15.3.1 Neutrino fluxes at detector (Sun)



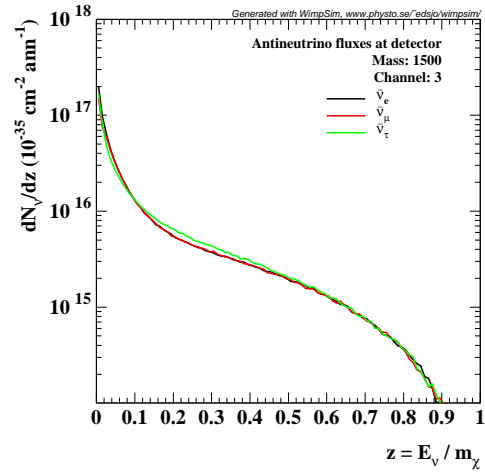
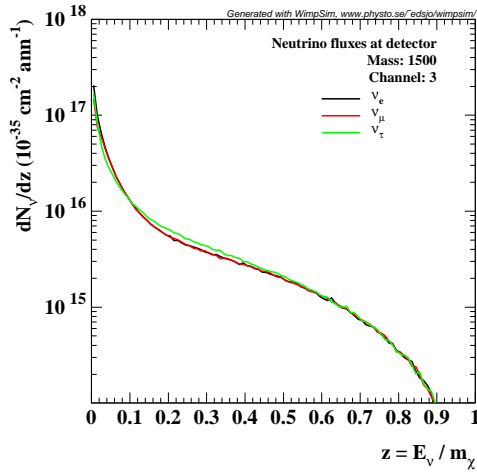
### 15.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



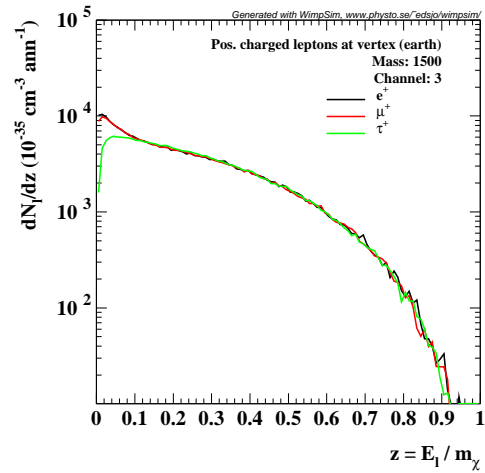
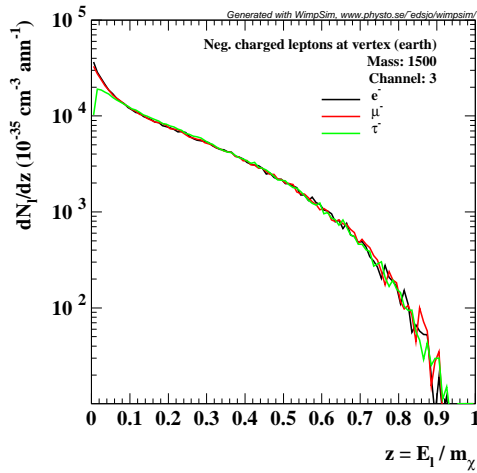
### 15.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



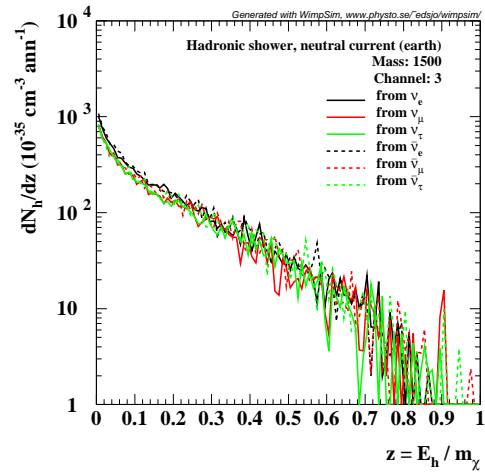
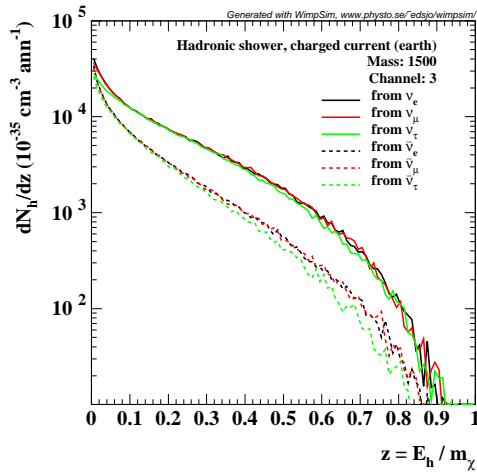
### 15.3.4 Neutrino fluxes at detector (Earth)



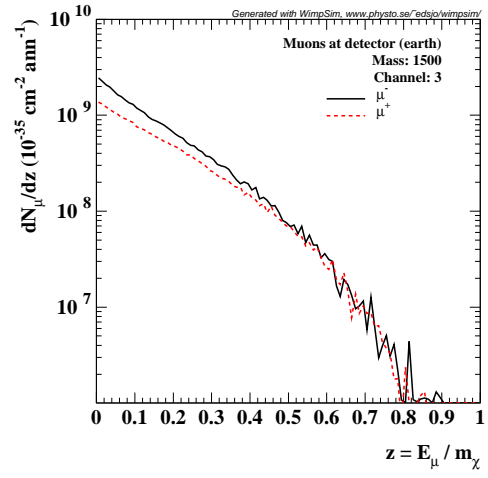
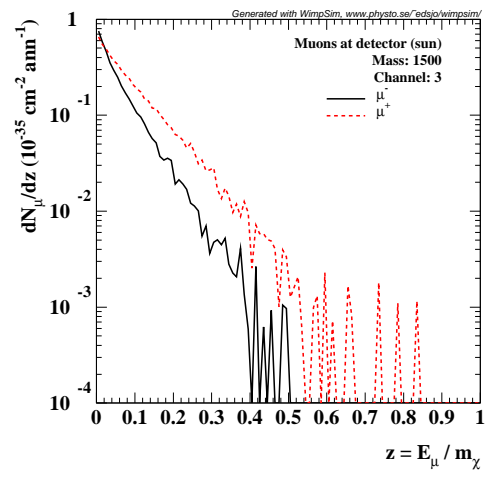
### 15.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 15.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

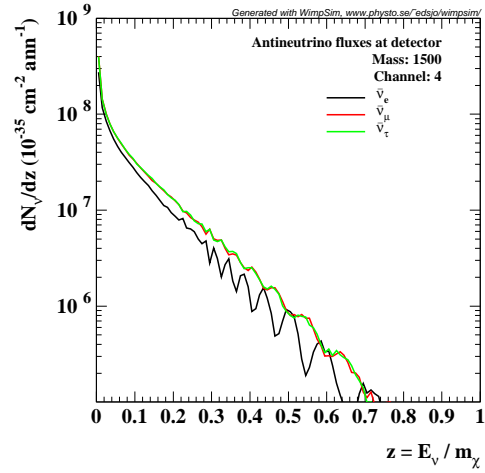
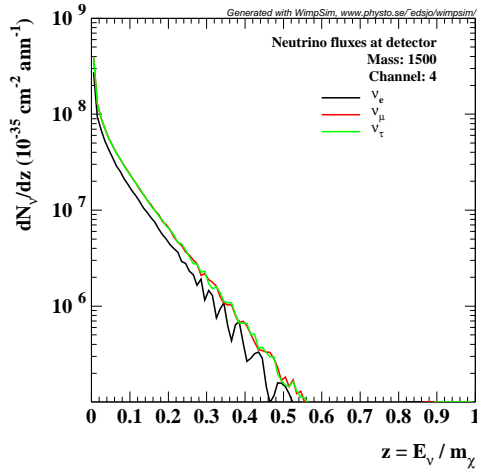


### 15.3.7 Muons at detector (Sun/Earth)

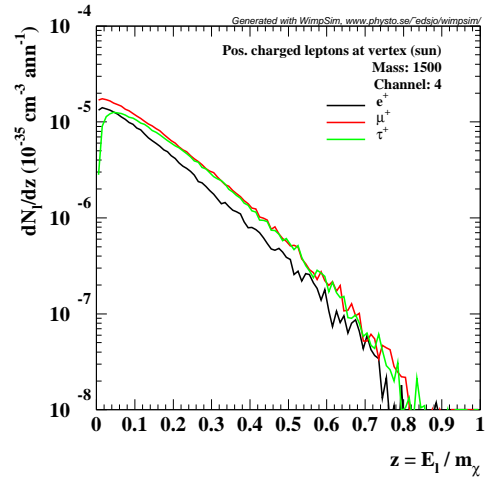
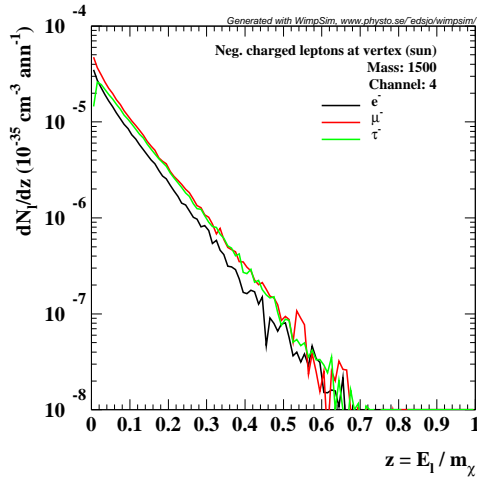


## 15.4 Channel 4 – $\tau^- \tau^+$

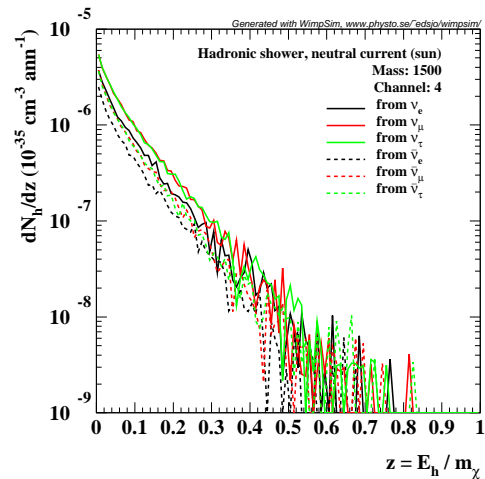
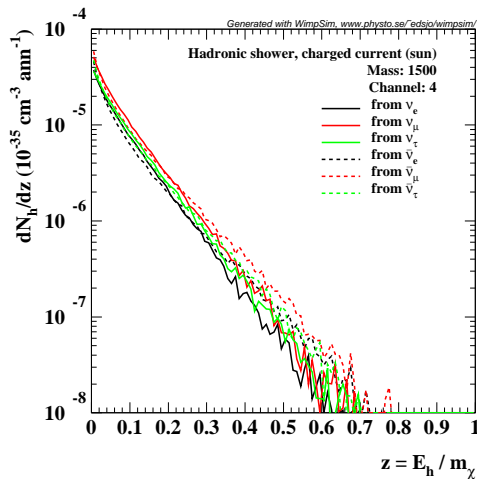
### 15.4.1 Neutrino fluxes at detector (Sun)



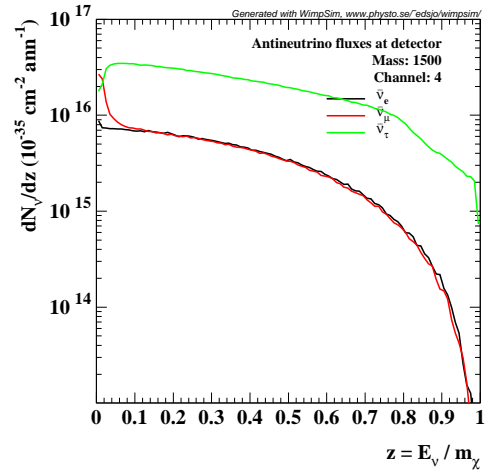
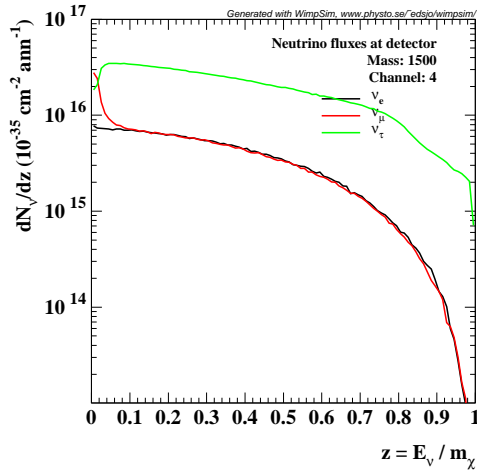
### 15.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



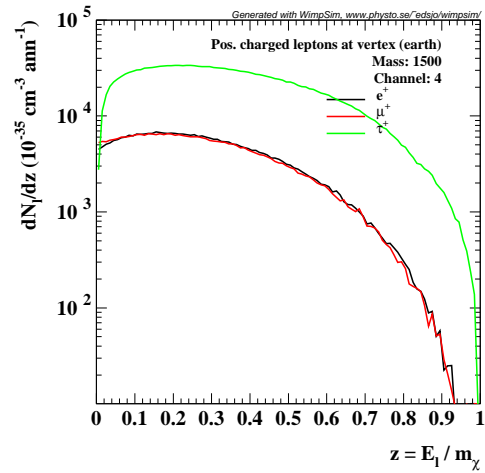
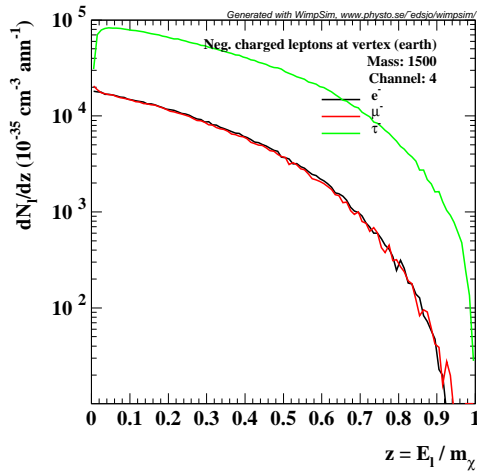
### 15.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



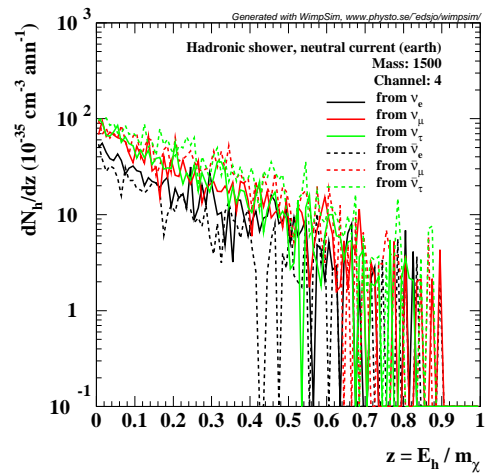
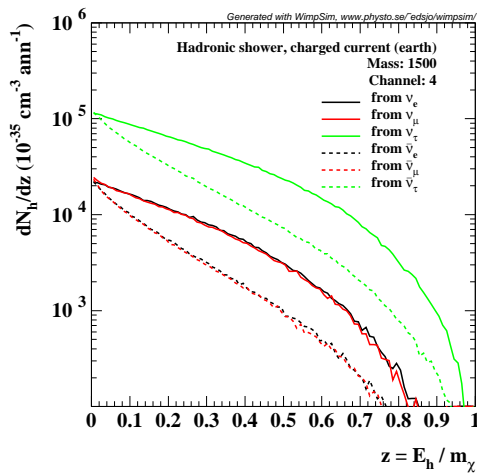
#### 15.4.4 Neutrino fluxes at detector (Earth)



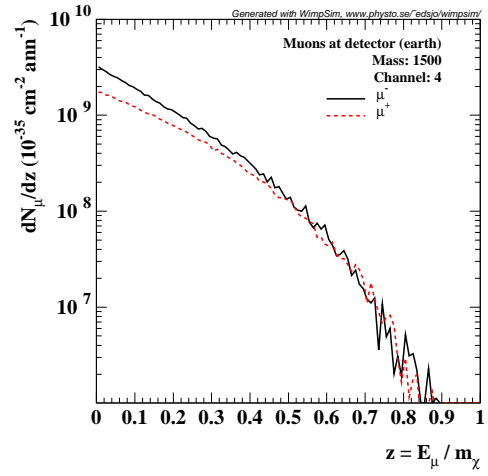
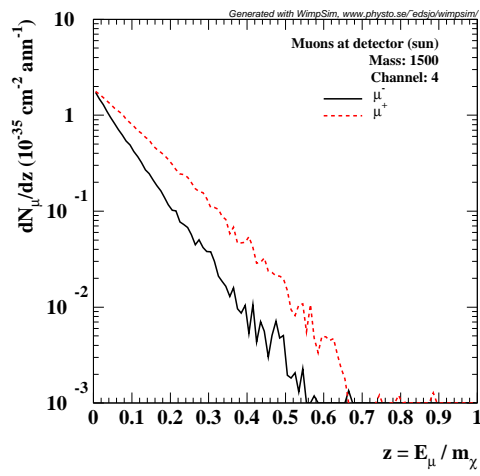
#### 15.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 15.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)



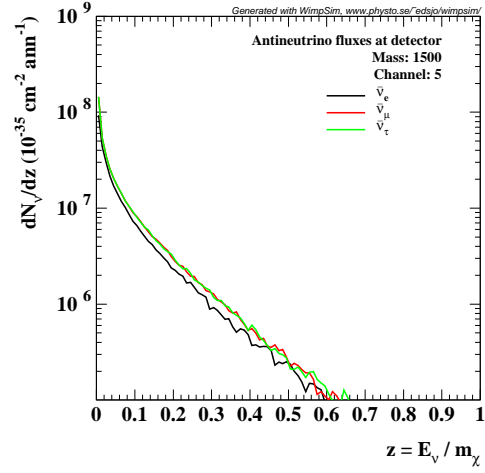
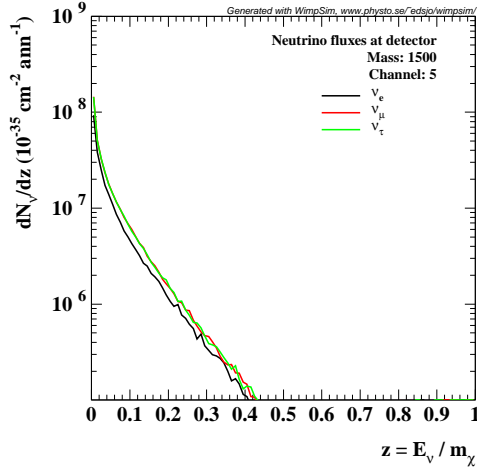
### 15.4.7 Muons at detector (Sun/Earth)



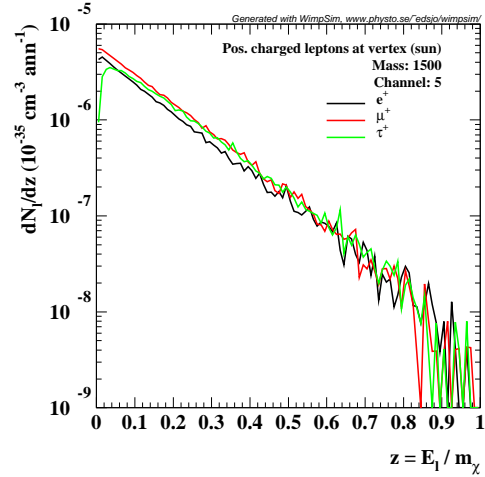
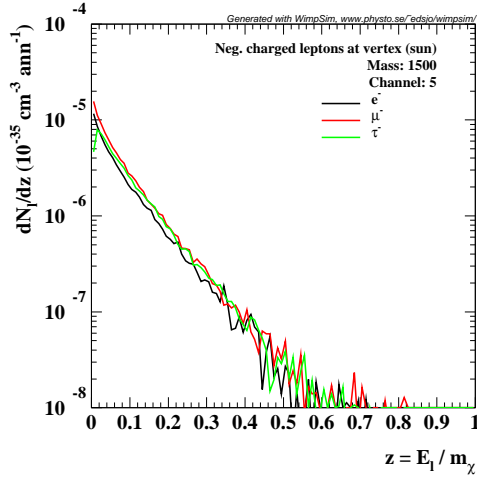


## 15.5 Channel 5 – $W^-W^+$

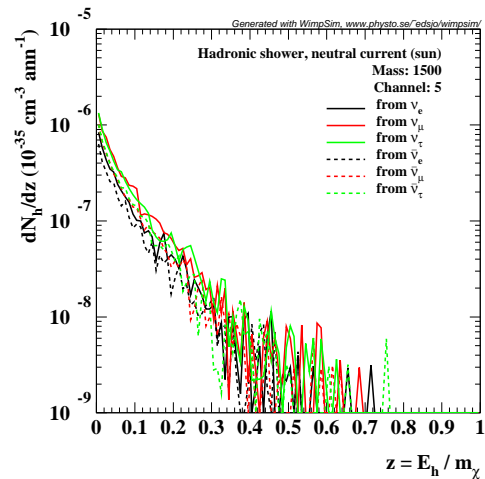
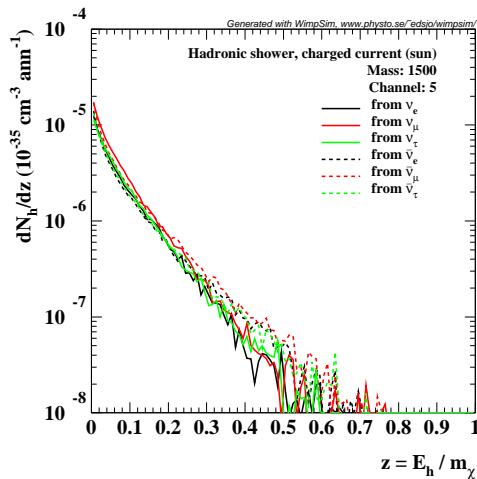
### 15.5.1 Neutrino fluxes at detector (Sun)



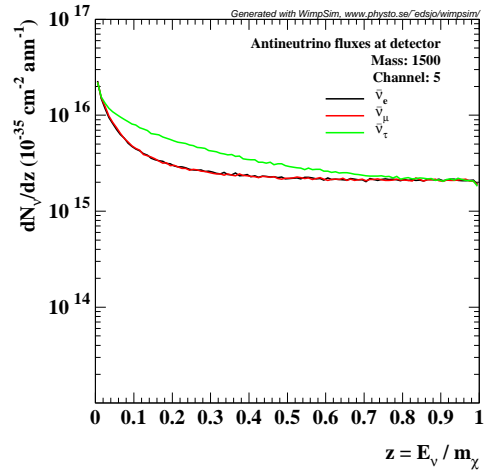
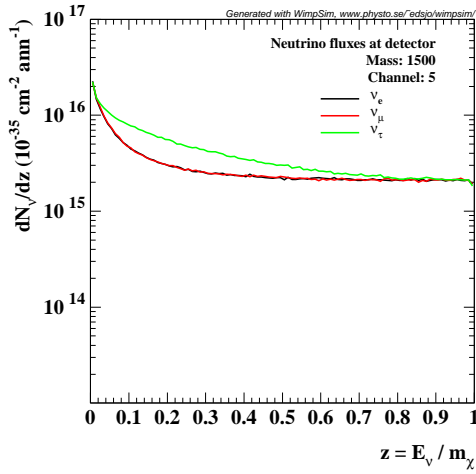
### 15.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



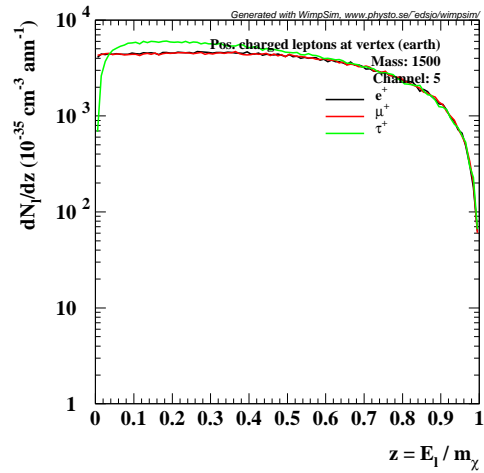
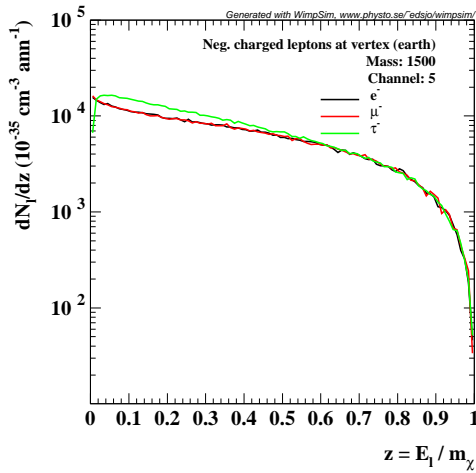
### 15.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



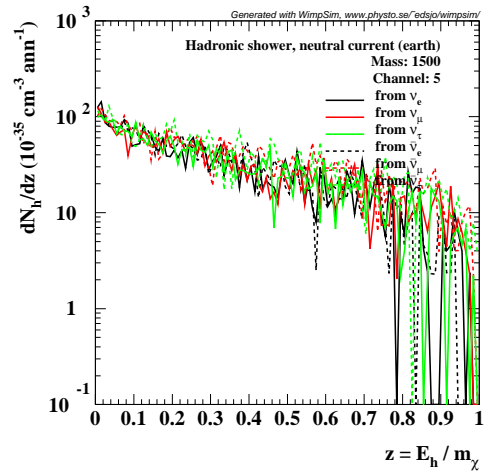
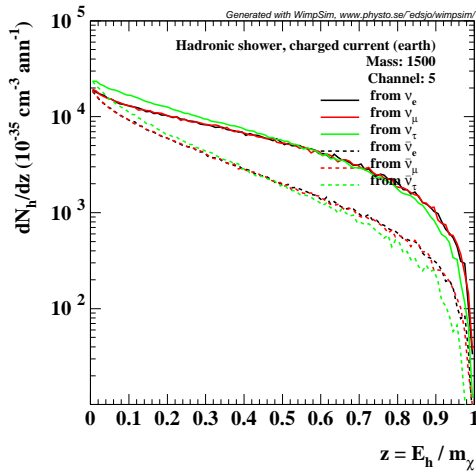
### 15.5.4 Neutrino fluxes at detector (Earth)



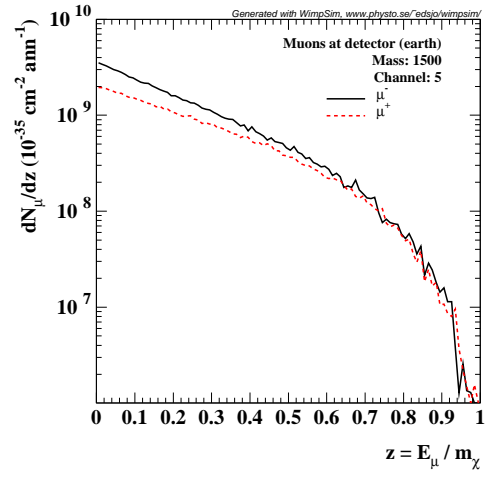
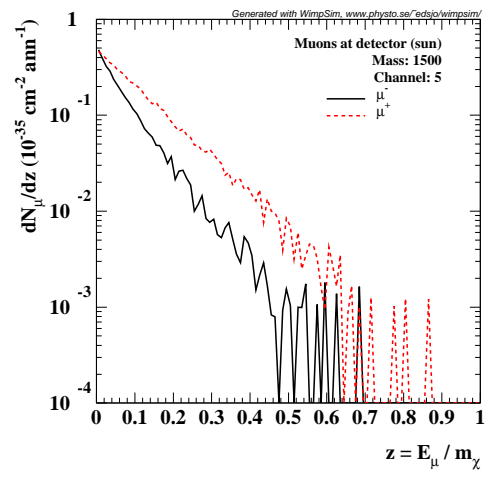
### 15.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 15.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

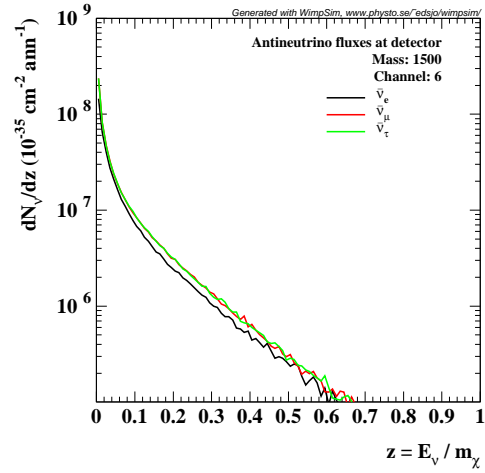
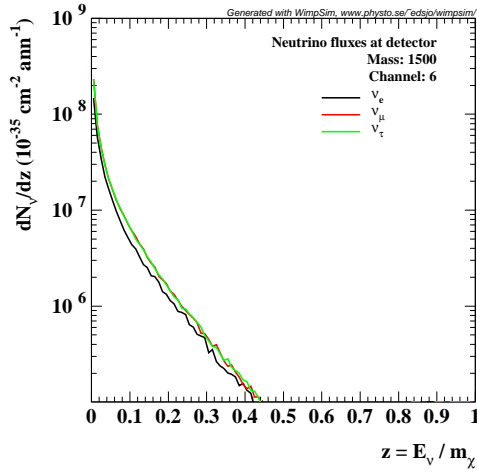


### 15.5.7 Muons at detector (Sun/Earth)

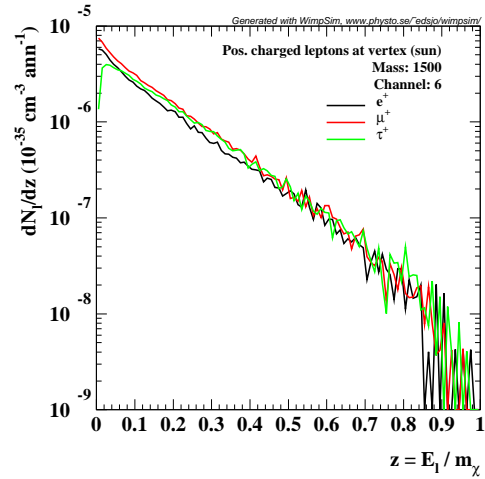
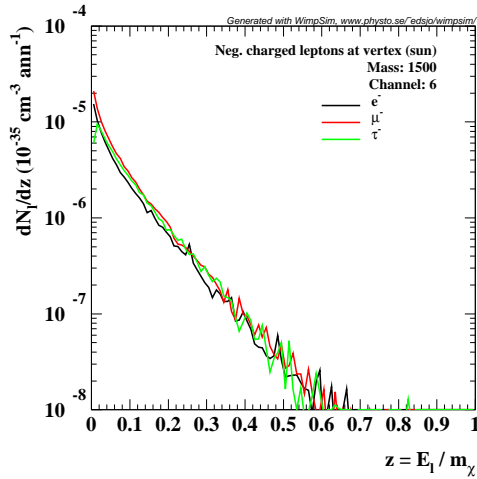


## 15.6 Channel 6 – $Z^0 Z^0$

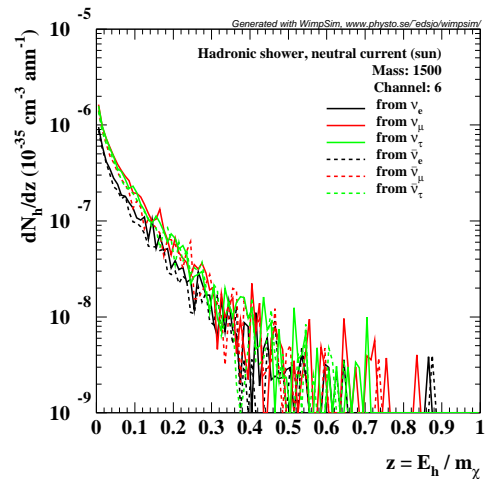
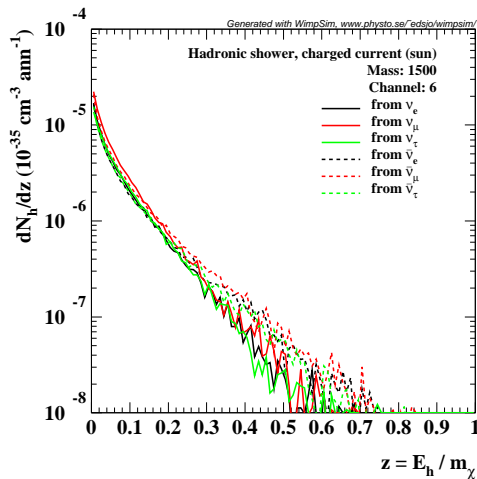
### 15.6.1 Neutrino fluxes at detector (Sun)



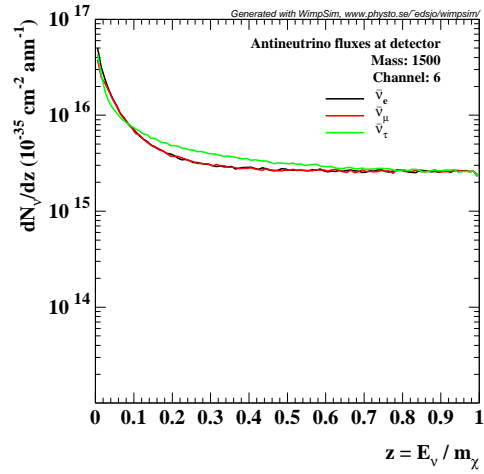
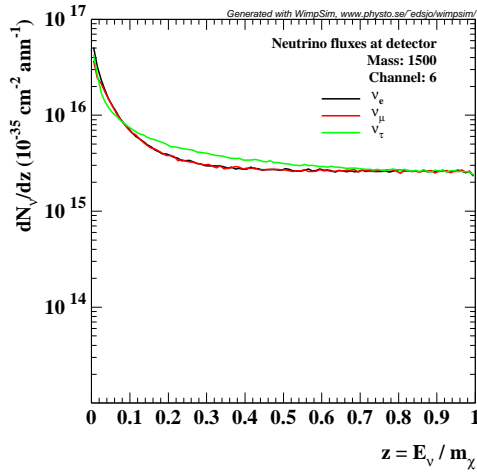
### 15.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



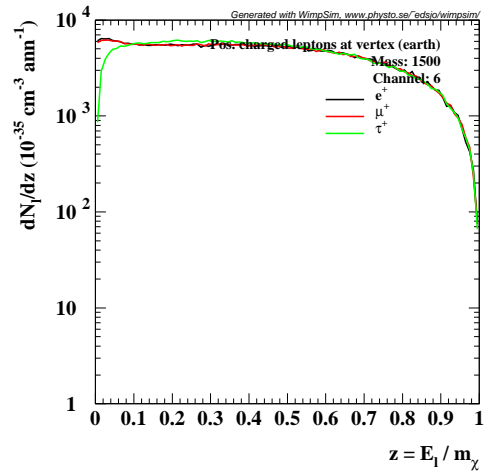
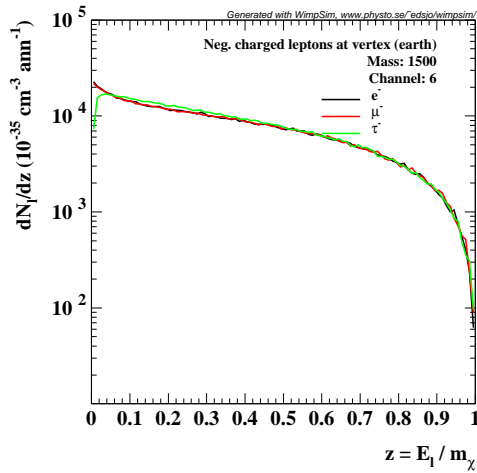
### 15.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



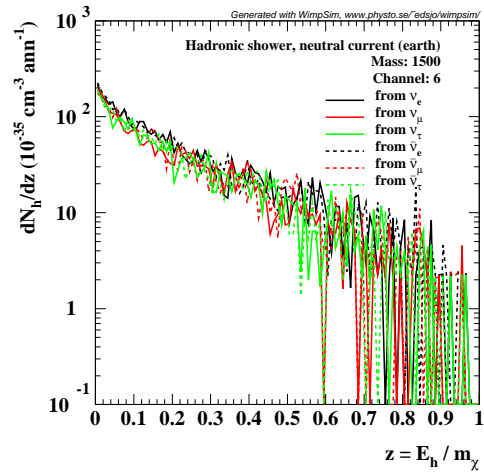
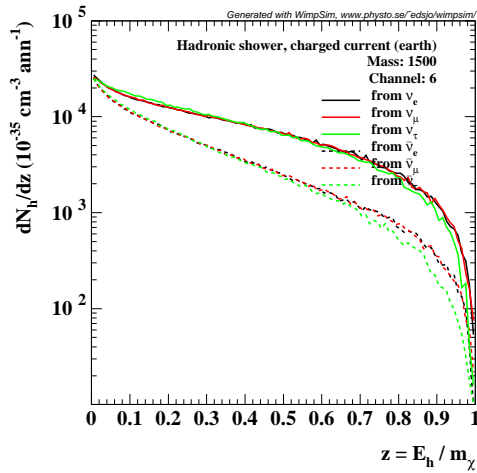
### 15.6.4 Neutrino fluxes at detector (Earth)



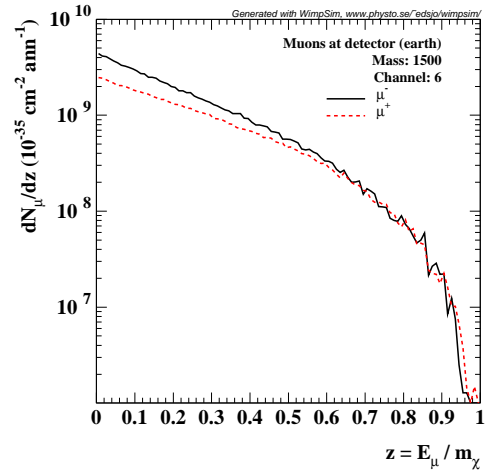
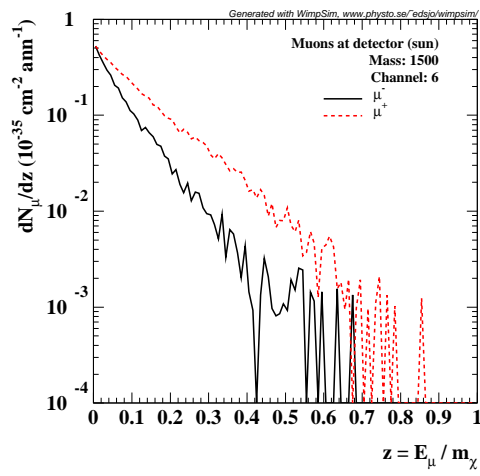
### 15.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 15.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

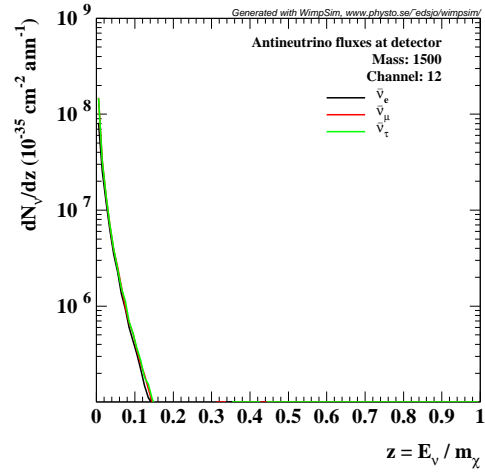
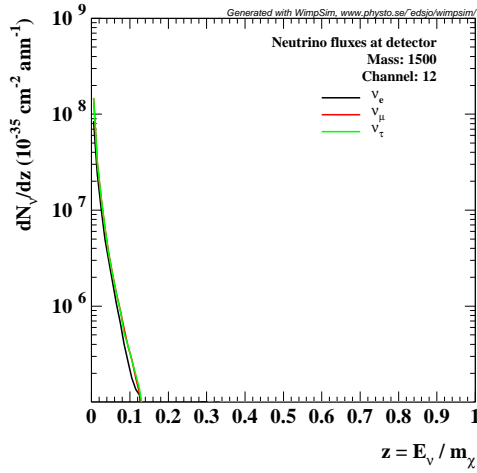


### 15.6.7 Muons at detector (Sun/Earth)

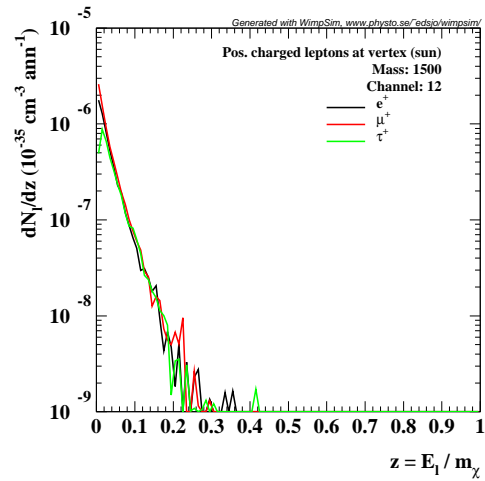
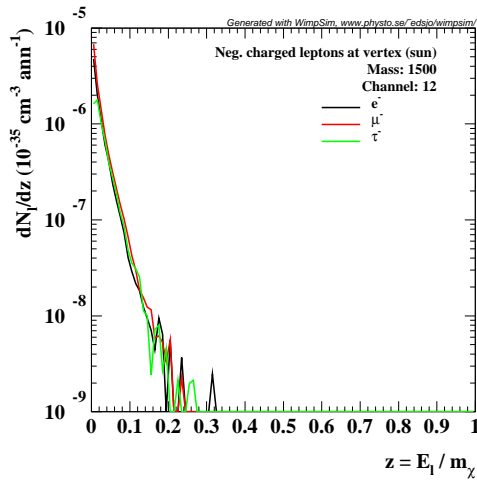


## 15.7 Channel 12 – $gg$

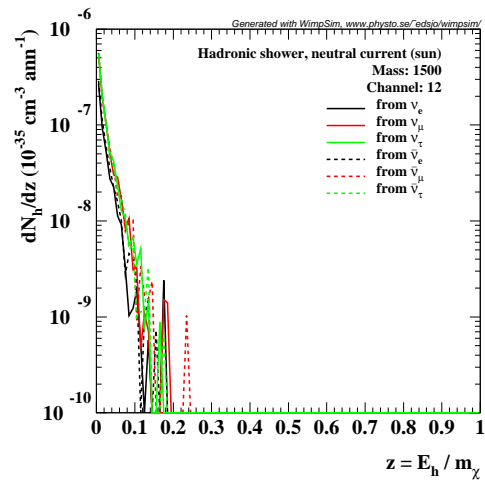
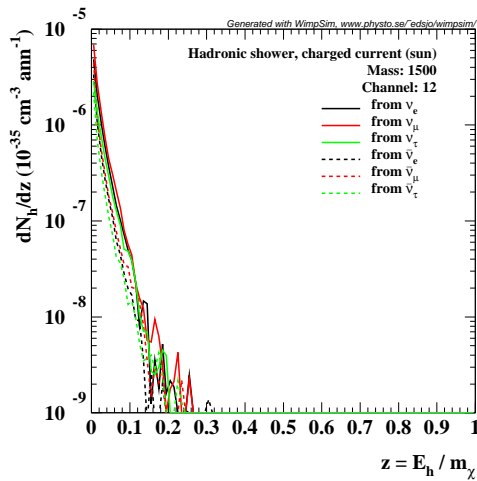
### 15.7.1 Neutrino fluxes at detector (Sun)



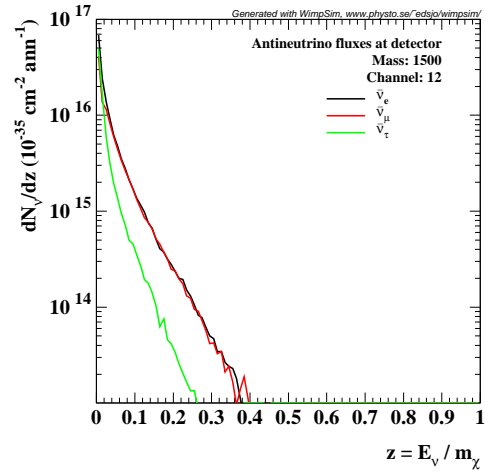
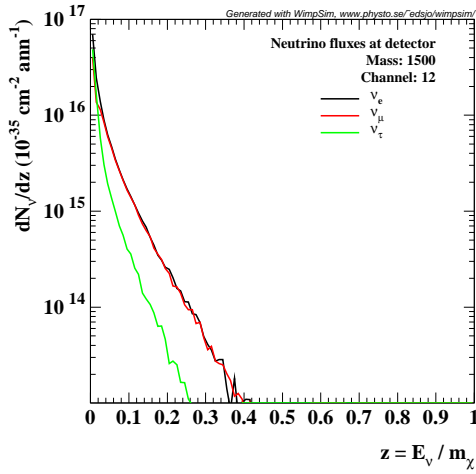
### 15.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



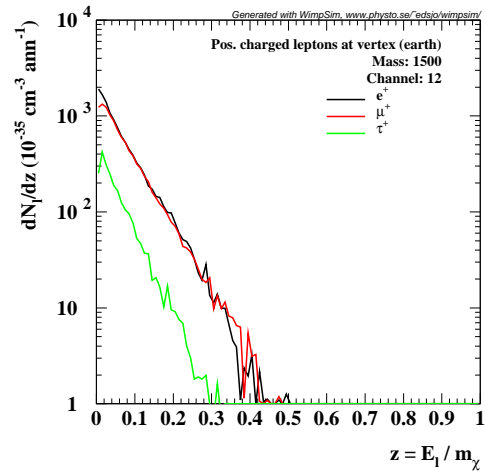
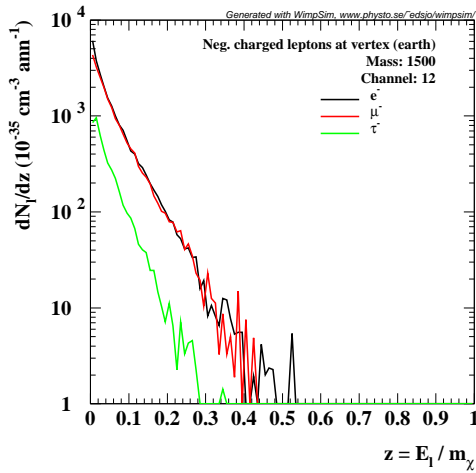
### 15.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



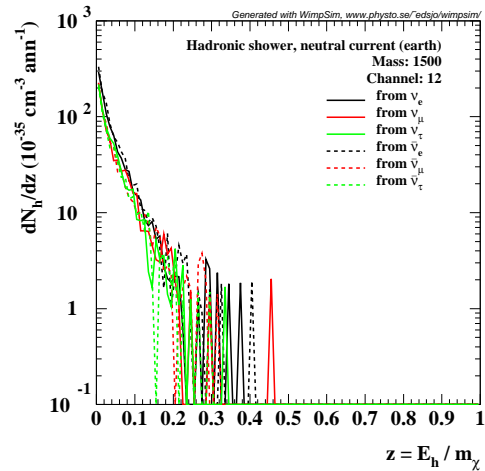
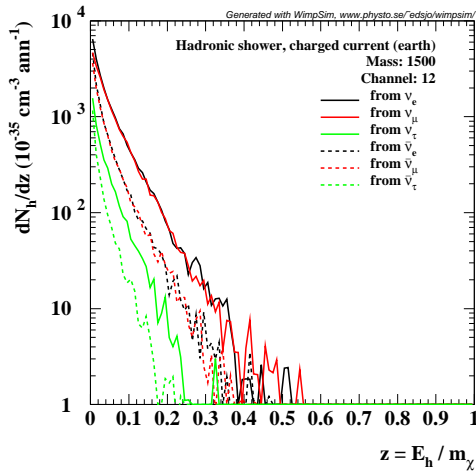
### 15.7.4 Neutrino fluxes at detector (Earth)



### 15.7.5 Charged leptons at neutrino-nucleon vertex (Earth)

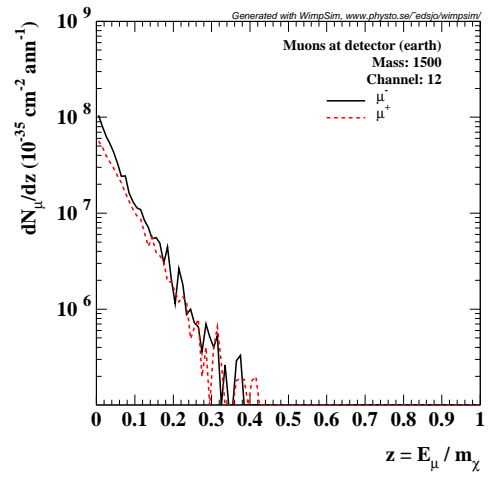
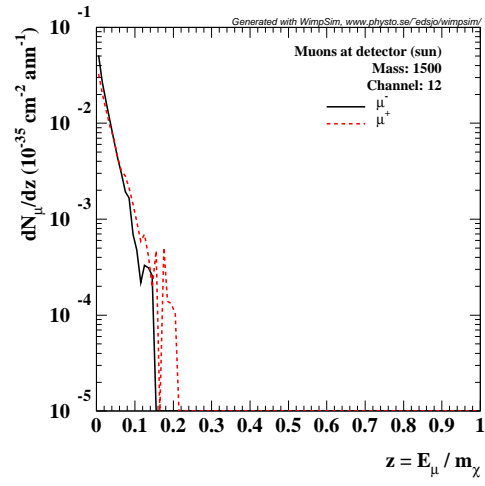


### 15.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)



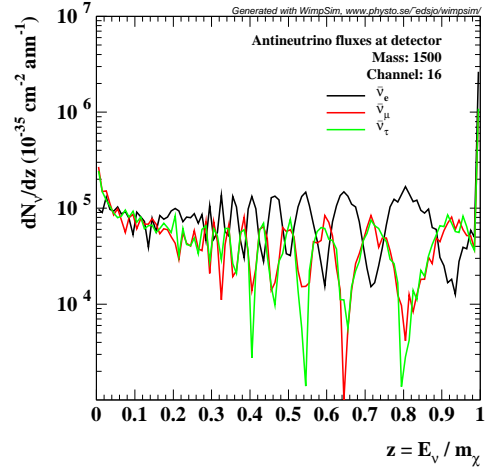
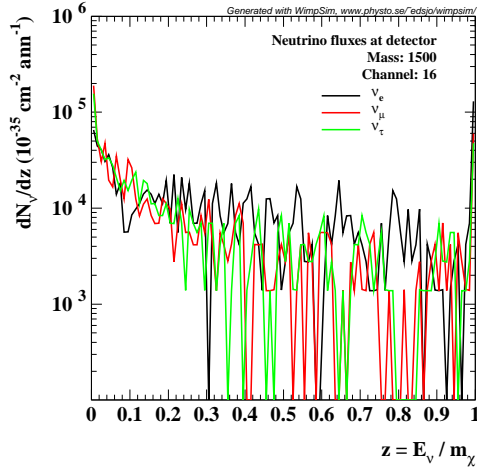


### 15.7.7 Muons at detector (Sun/Earth)

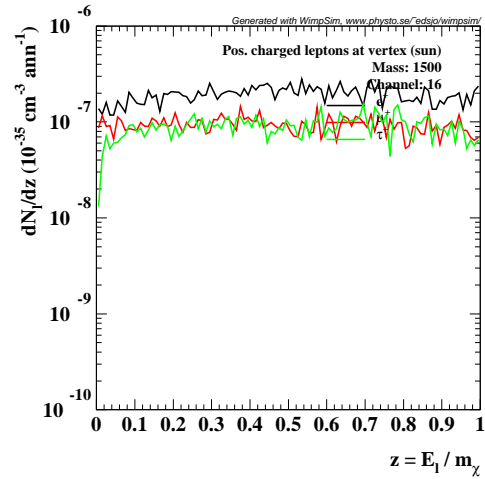
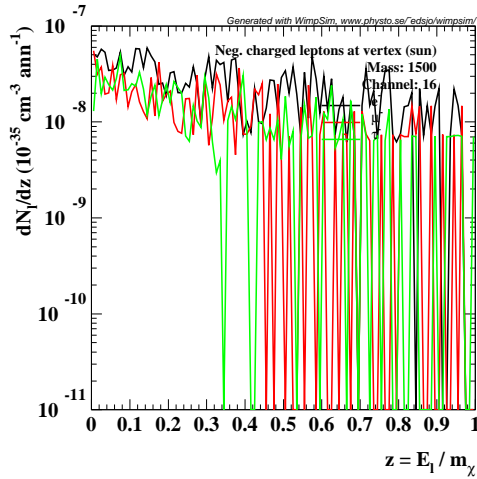


## 15.8 Channel 16 – $\nu_e \bar{\nu}_e$

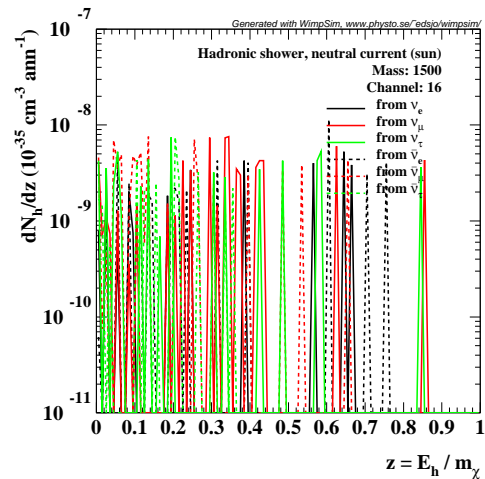
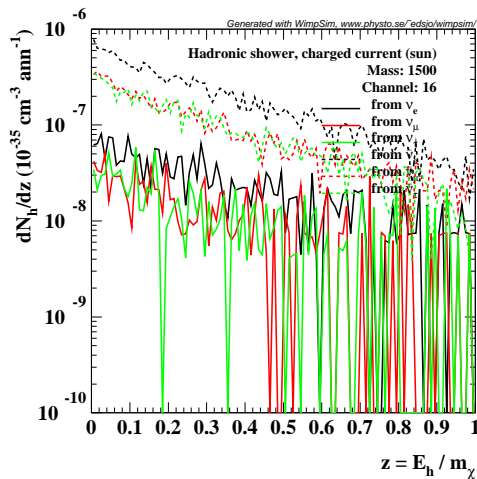
### 15.8.1 Neutrino fluxes at detector (Sun)



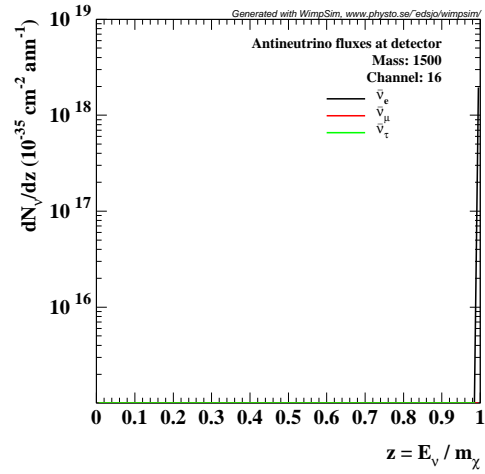
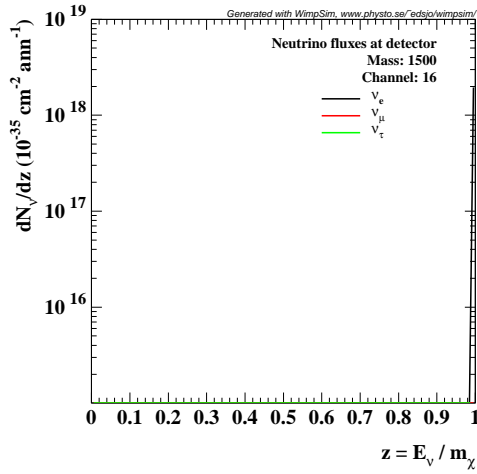
### 15.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



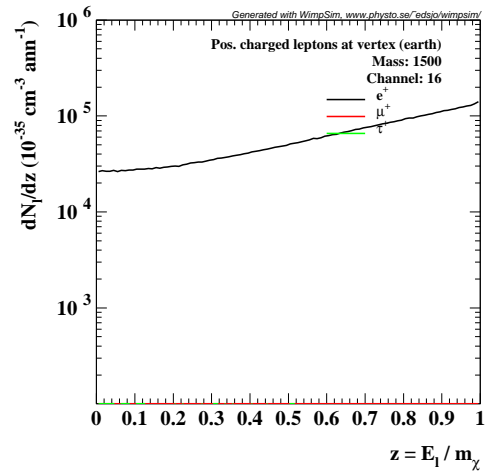
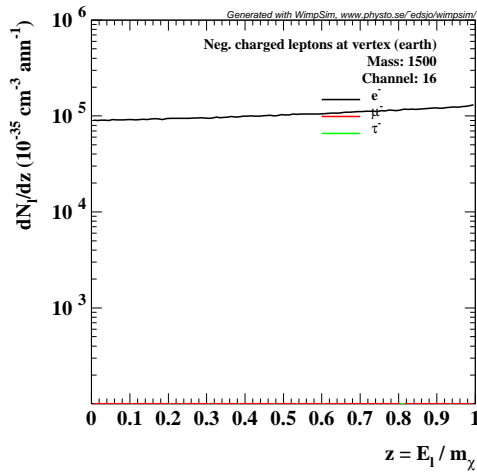
### 15.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



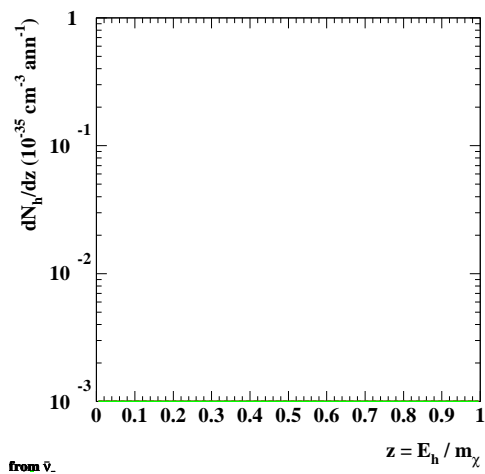
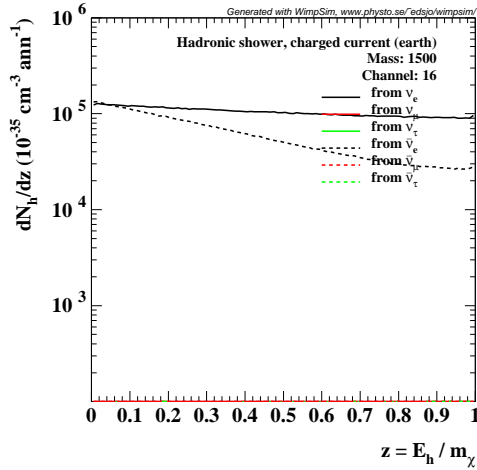
### 15.8.4 Neutrino fluxes at detector (Earth)



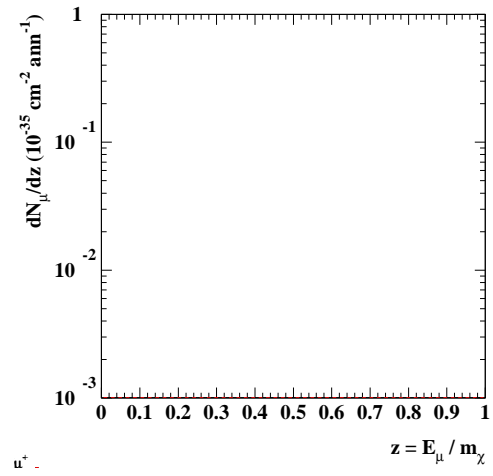
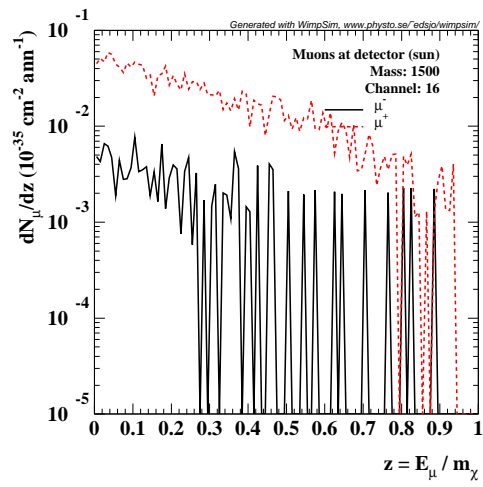
### 15.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 15.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)

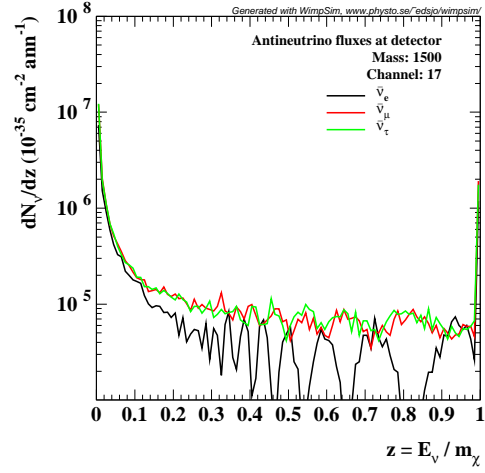
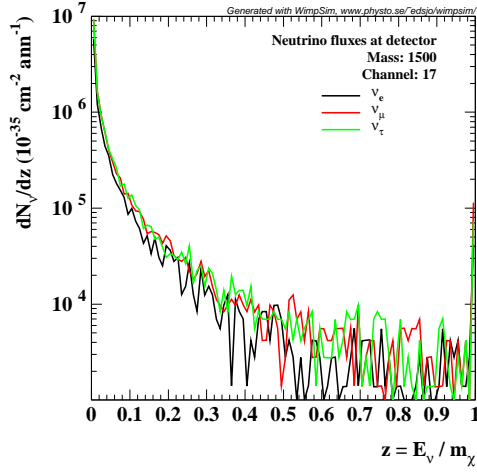


### 15.8.7 Muons at detector (Sun/Earth)

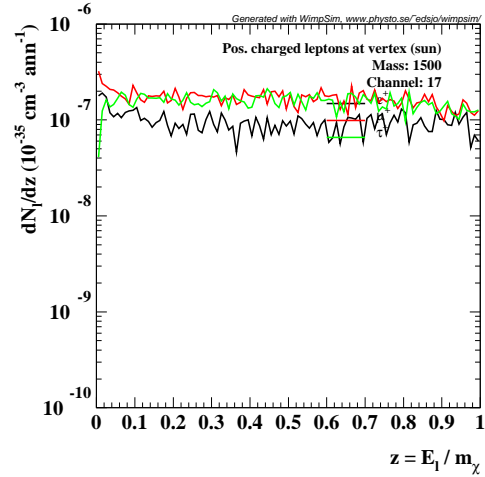
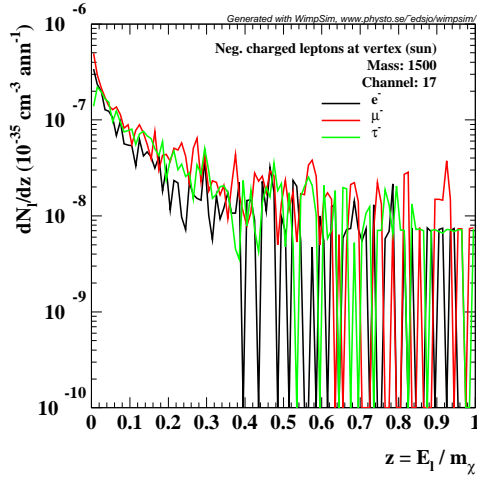


## 15.9 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

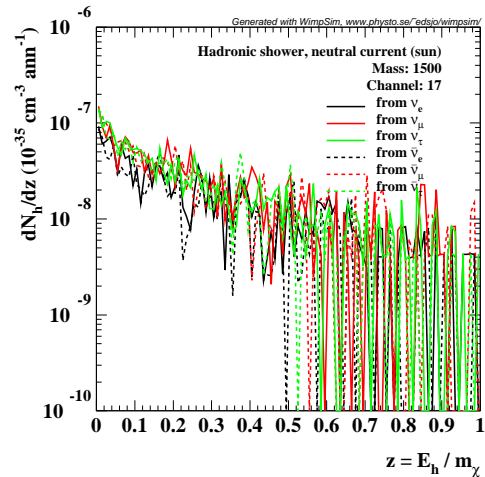
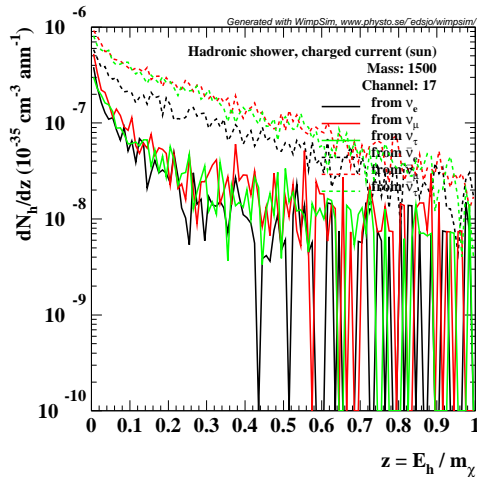
### 15.9.1 Neutrino fluxes at detector (Sun)



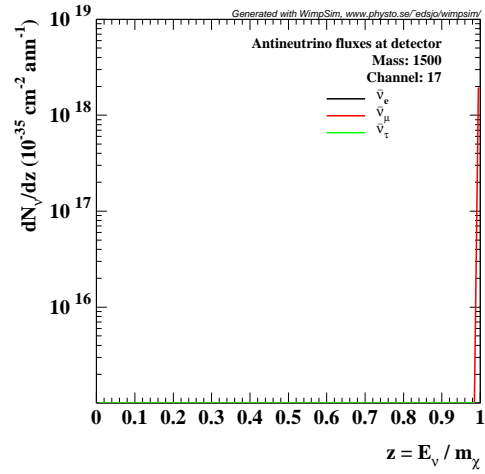
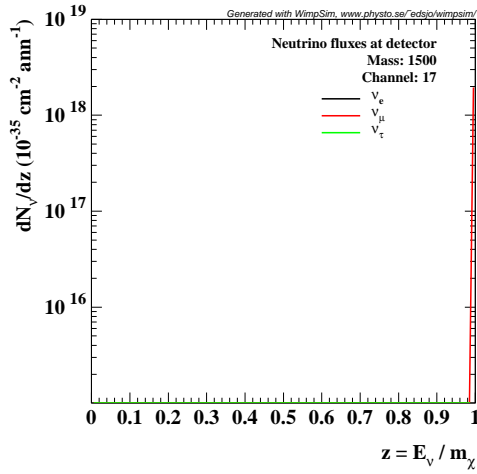
### 15.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



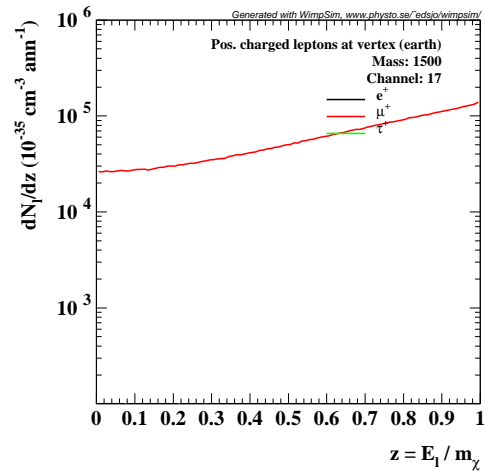
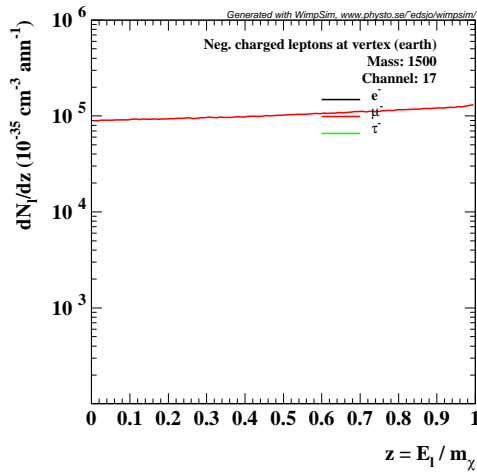
### 15.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



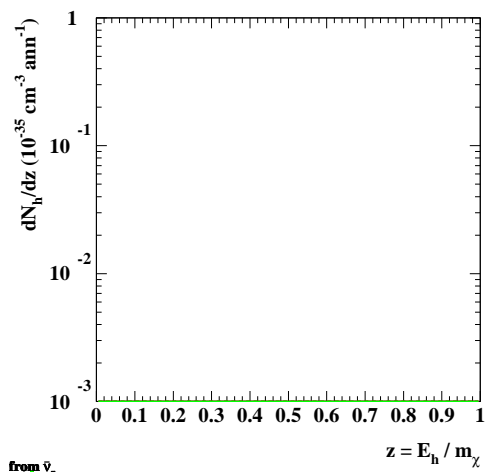
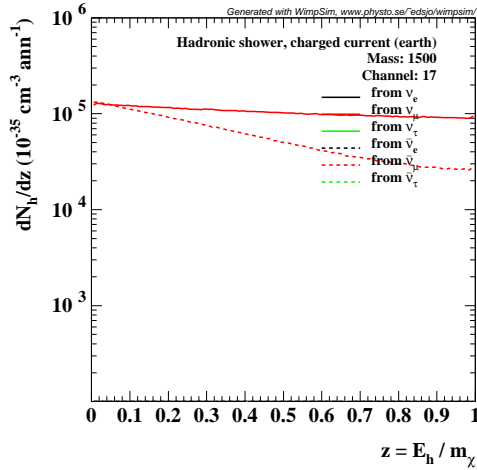
### 15.9.4 Neutrino fluxes at detector (Earth)



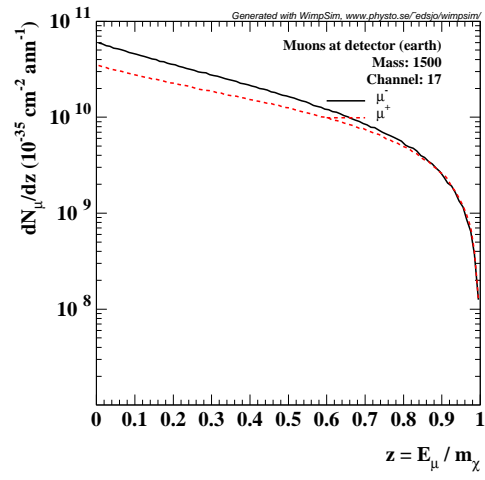
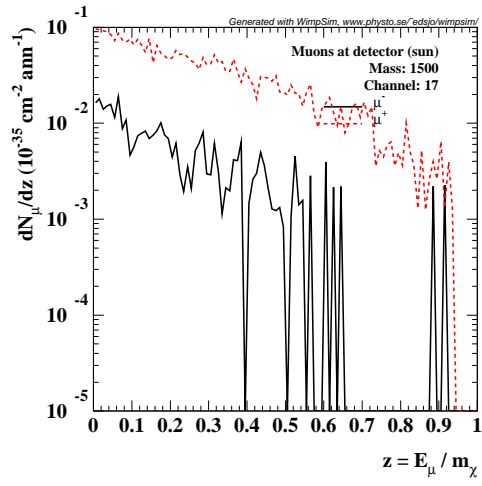
### 15.9.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 15.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)

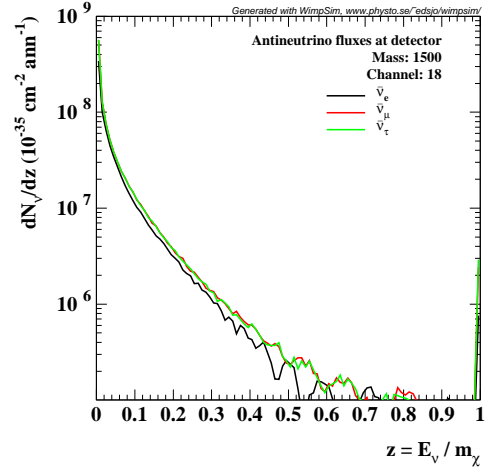
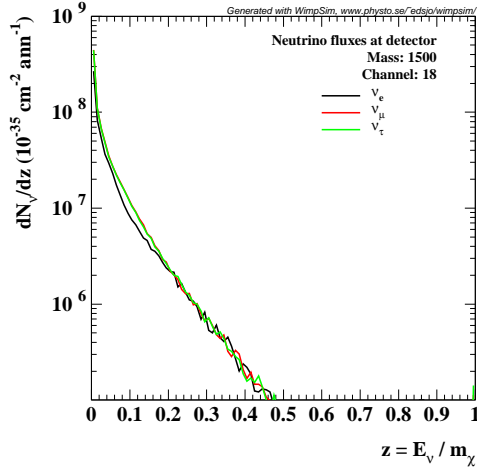


### 15.9.7 Muons at detector (Sun/Earth)

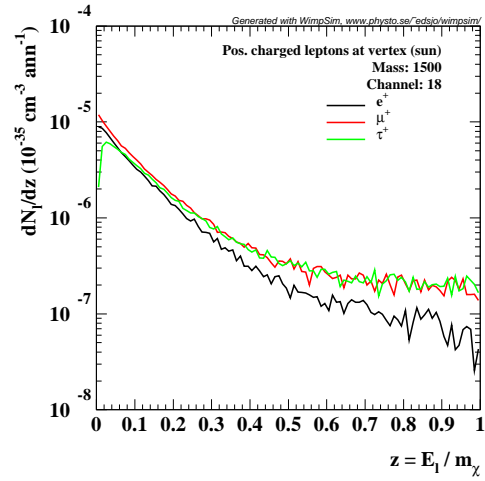
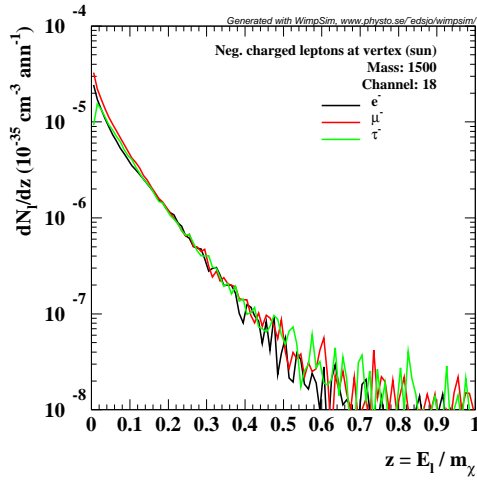


## 15.10 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

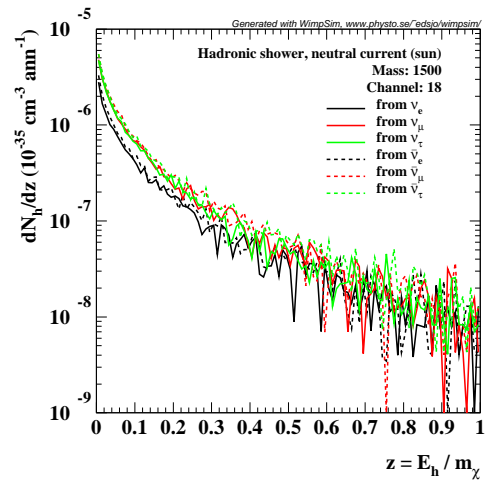
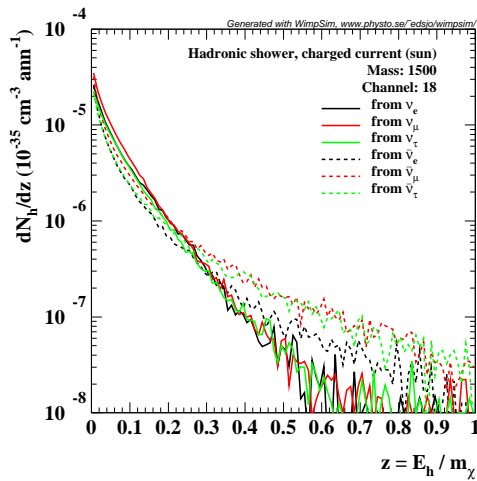
### 15.10.1 Neutrino fluxes at detector (Sun)



### 15.10.2 Charged leptons at neutrino-nucleon vertex (Sun)

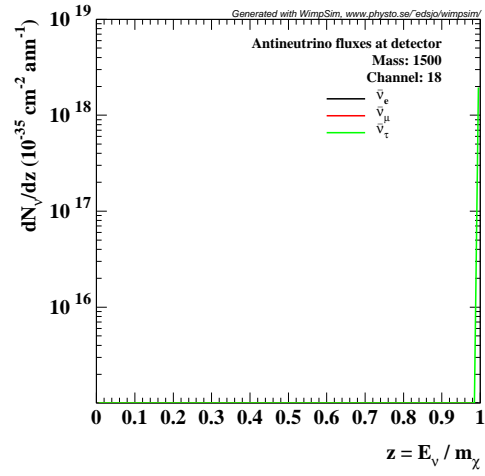
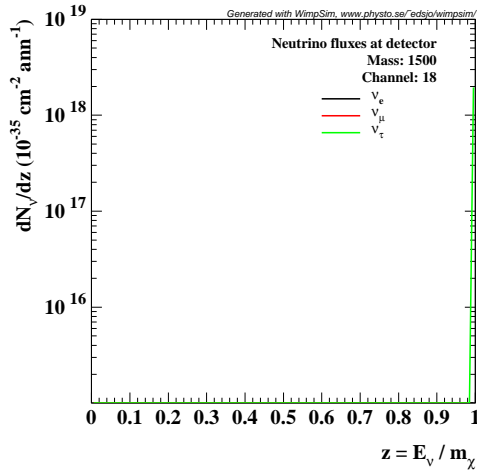


### 15.10.3 Hadronic shower at neutrino-nucleon vertex (Sun)

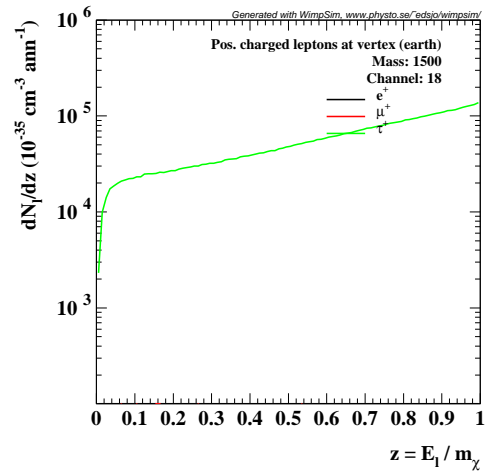
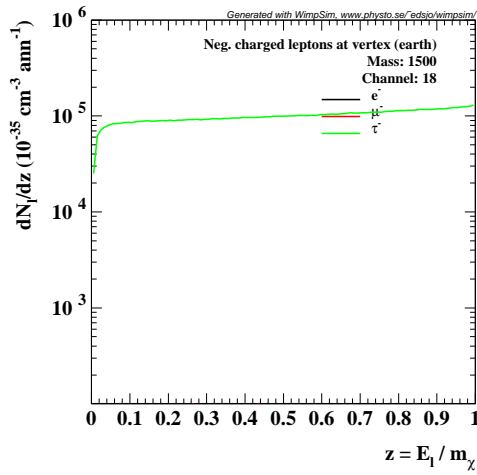




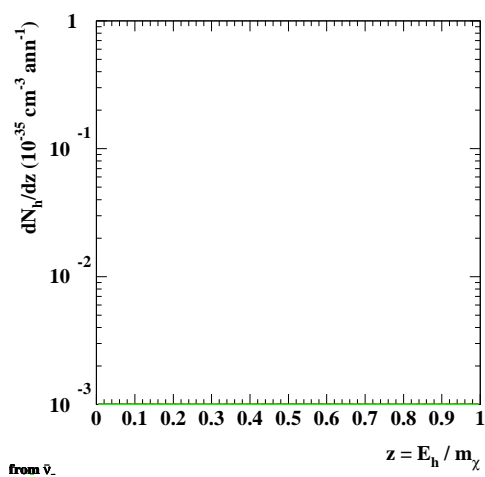
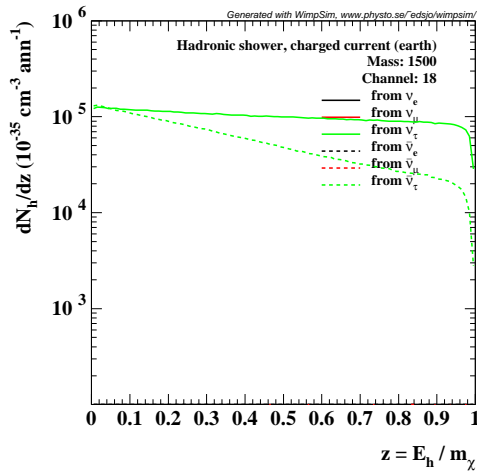
### 15.10.4 Neutrino fluxes at detector (Earth)



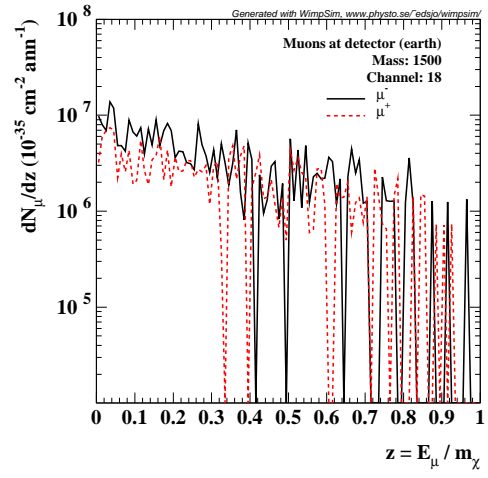
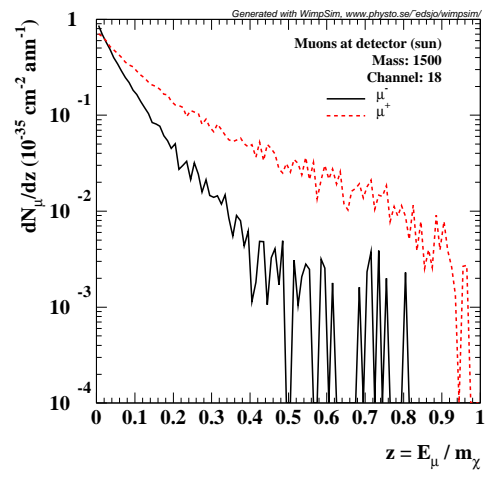
### 15.10.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 15.10.6 Hadronic shower at neutrino-nucleon vertex (Earth)



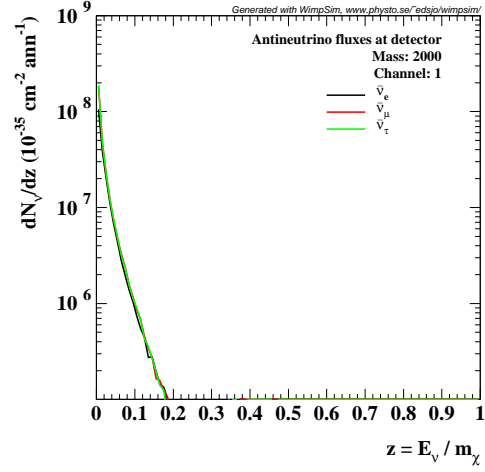
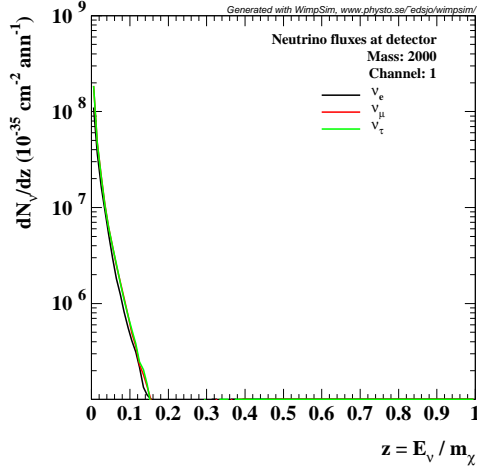
### 15.10.7 Muons at detector (Sun/Earth)



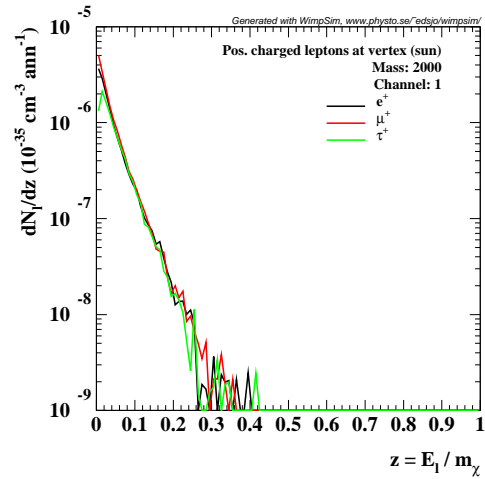
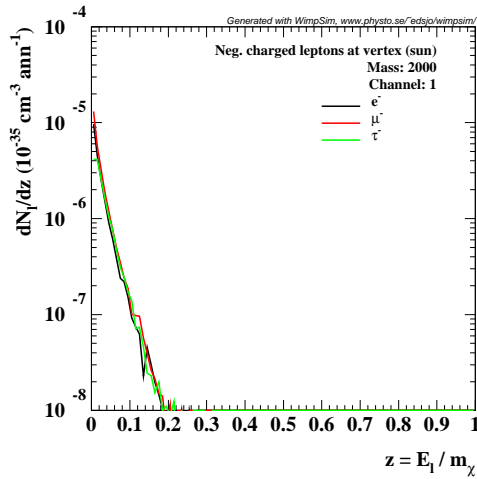
## 16 Mass 2000

### 16.1 Channel 1 – $c\bar{c}$

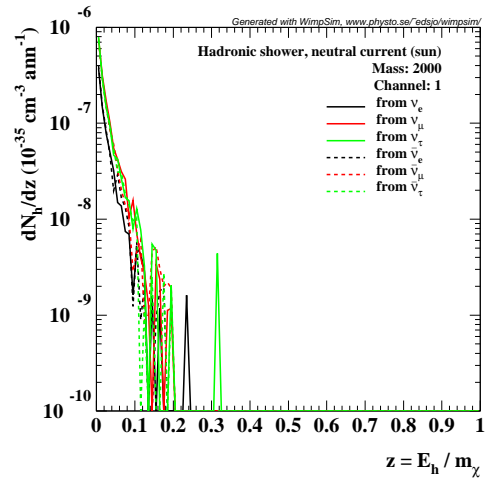
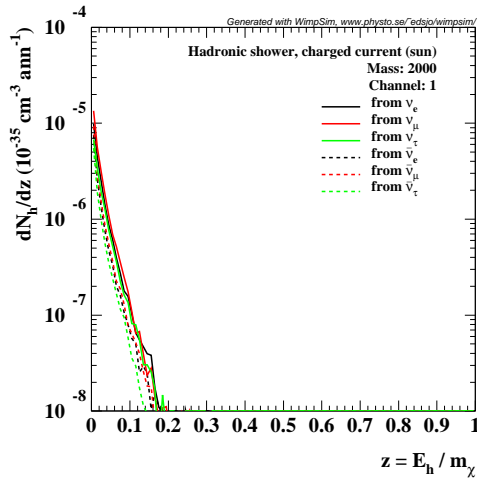
#### 16.1.1 Neutrino fluxes at detector (Sun)



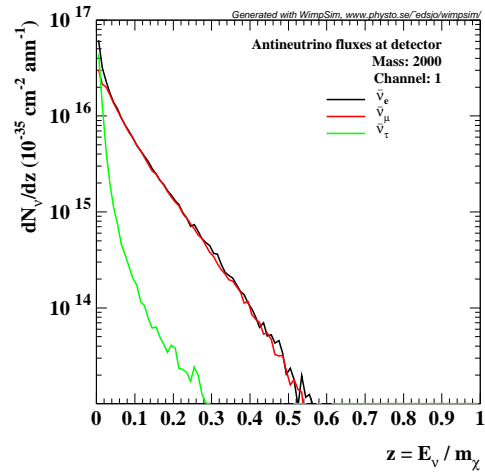
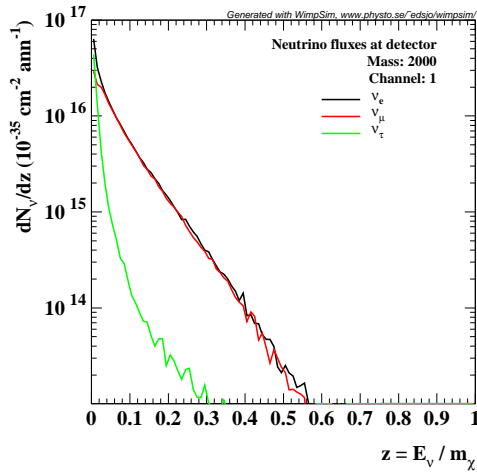
#### 16.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



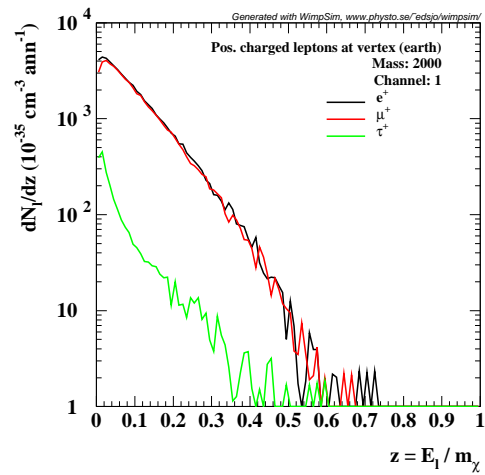
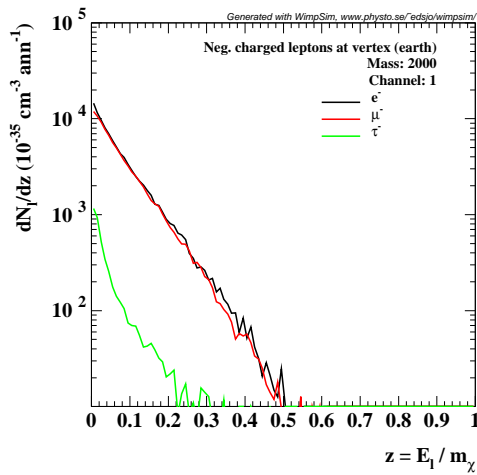
### 16.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



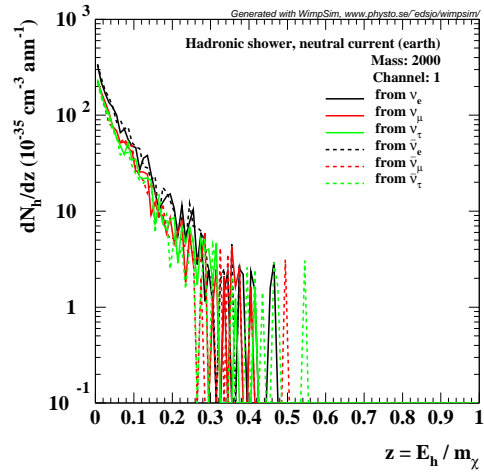
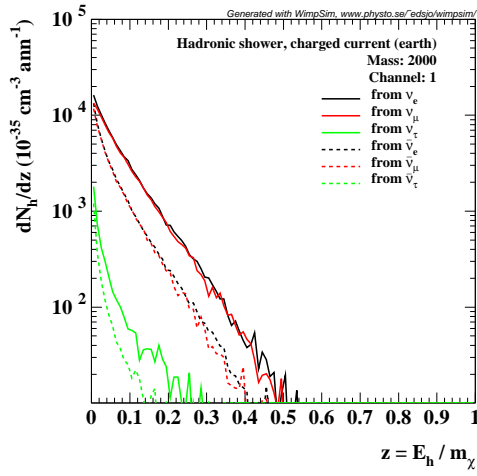
### 16.1.4 Neutrino fluxes at detector (Earth)



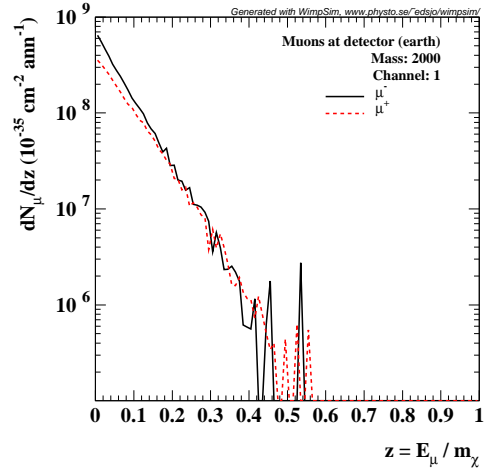
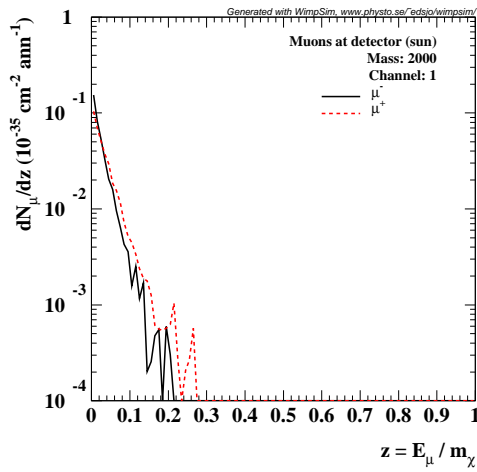
### 16.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 16.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

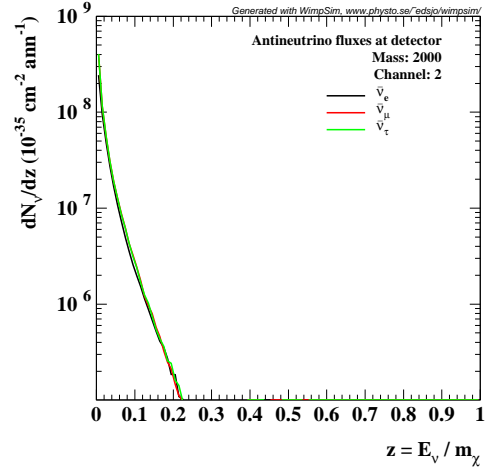
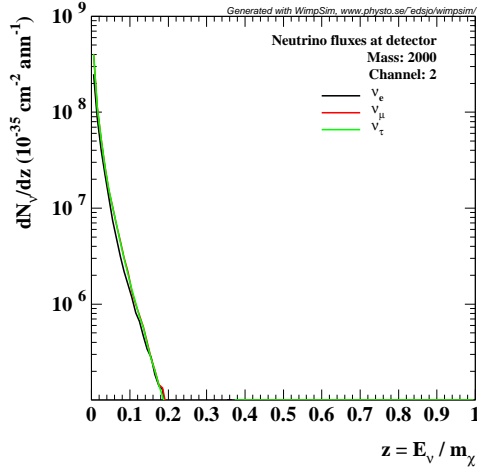


### 16.1.7 Muons at detector (Sun/Earth)

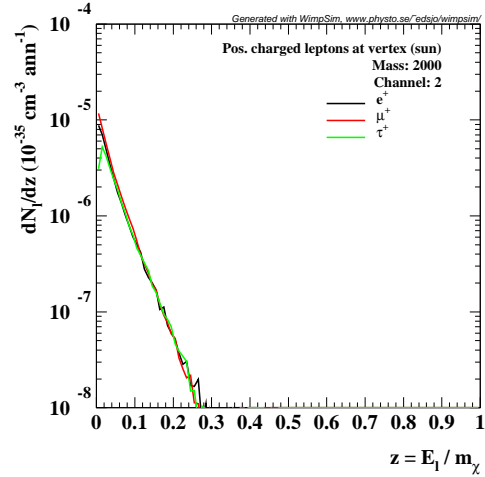
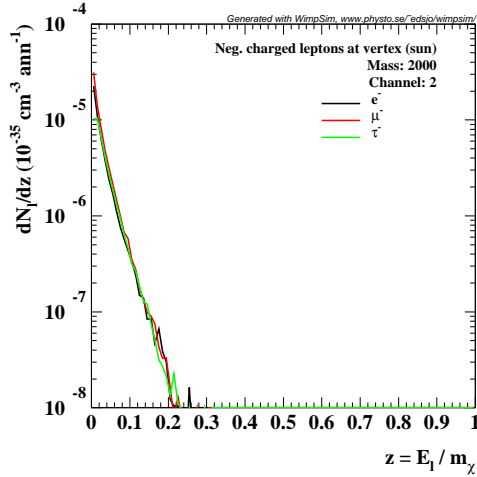


## 16.2 Channel 2 – $b\bar{b}$

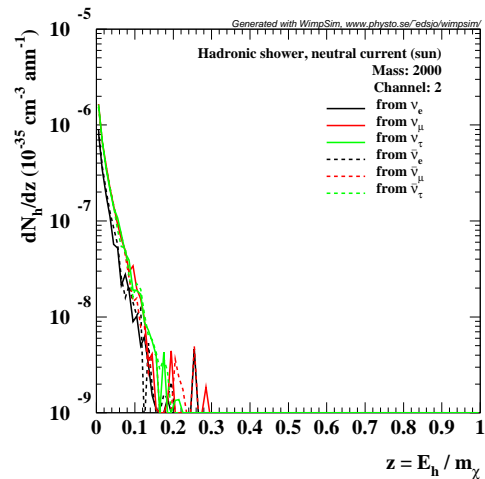
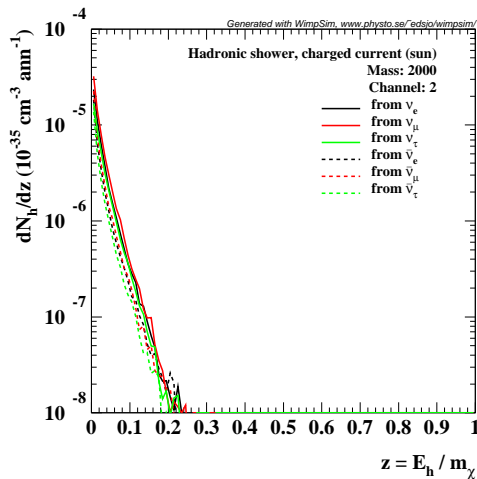
### 16.2.1 Neutrino fluxes at detector (Sun)



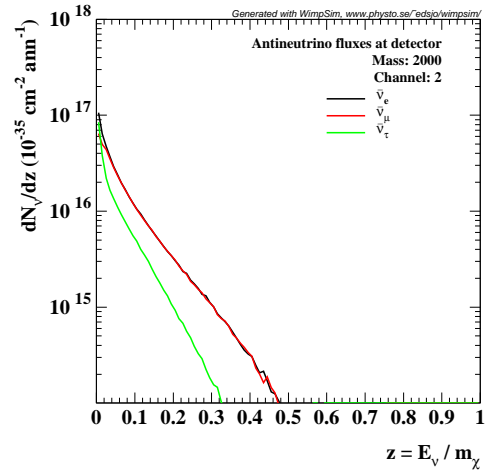
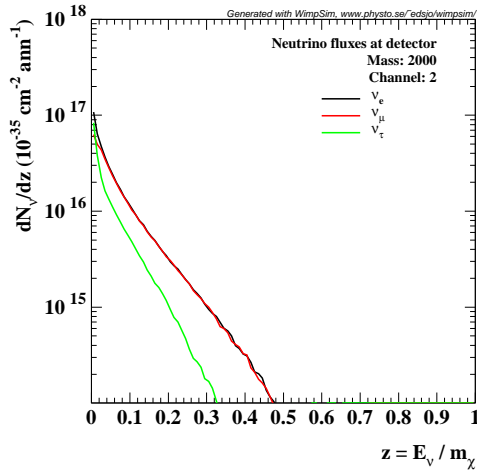
### 16.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



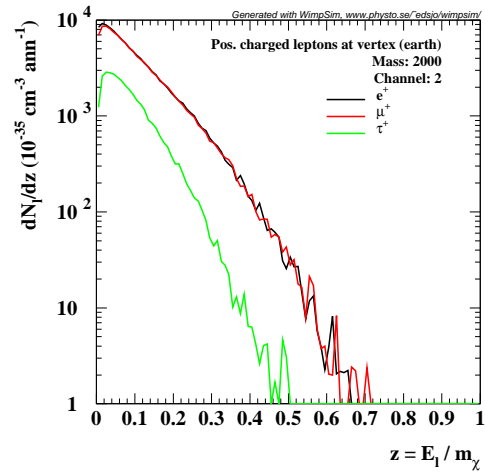
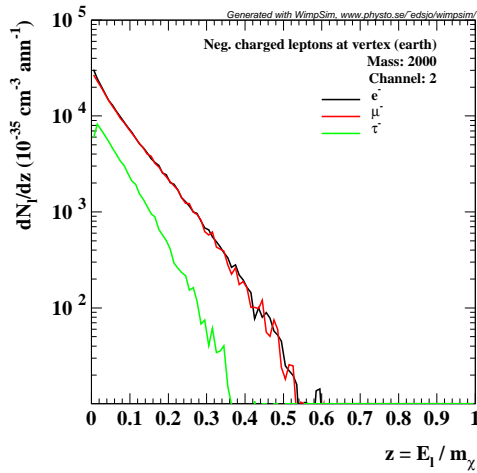
### 16.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



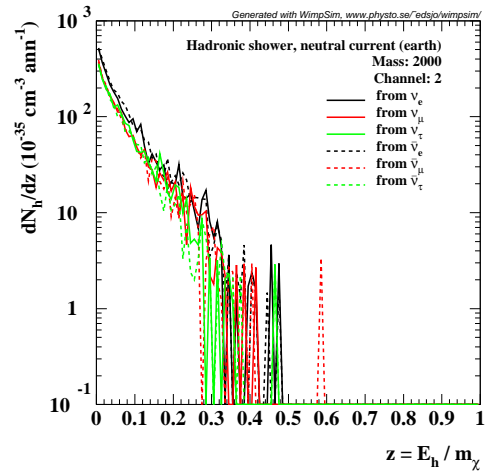
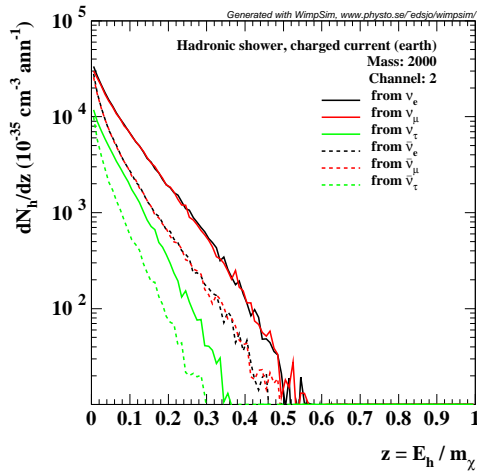
### 16.2.4 Neutrino fluxes at detector (Earth)



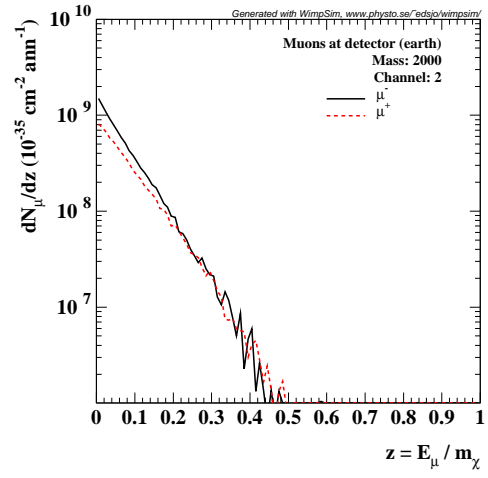
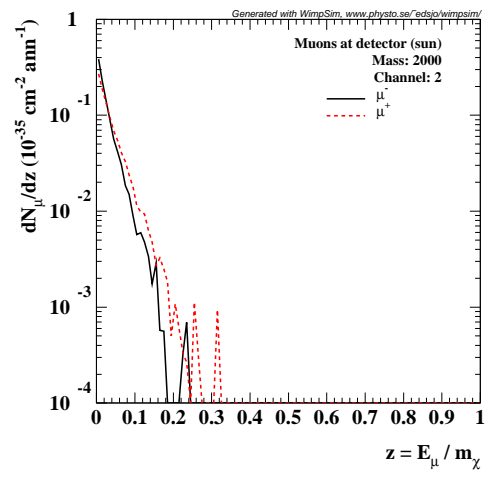
### 16.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 16.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)



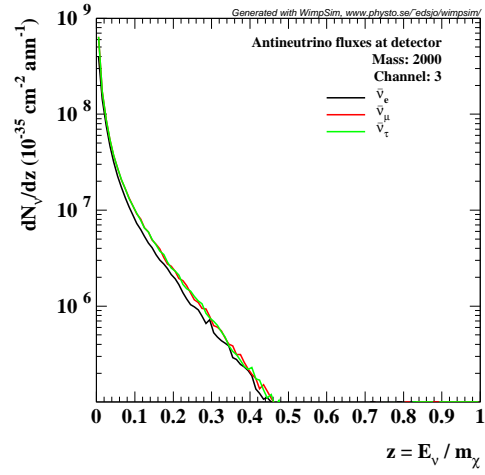
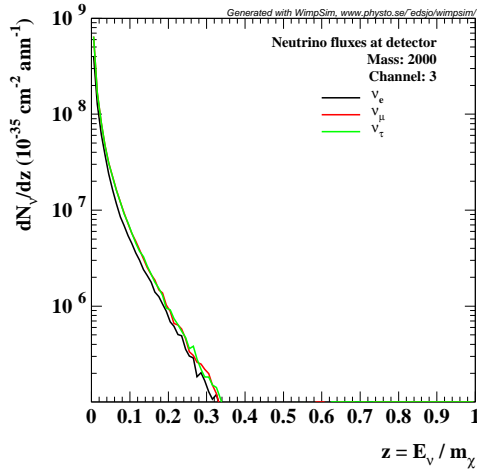
### 16.2.7 Muons at detector (Sun/Earth)



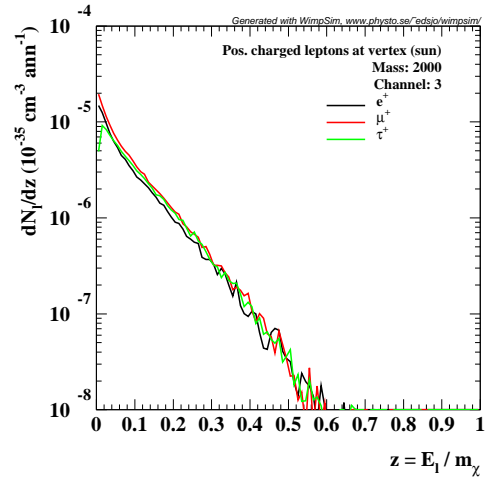
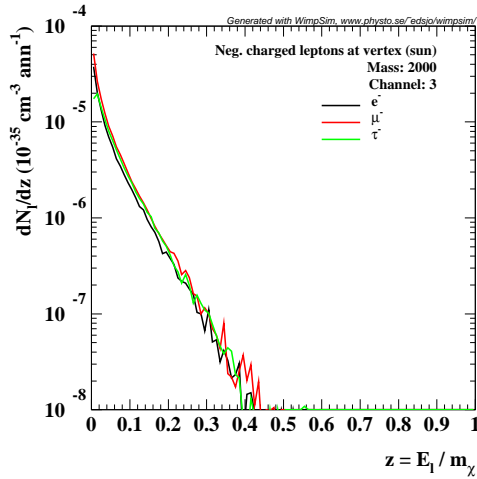


## 16.3 Channel 3 – $t\bar{t}$

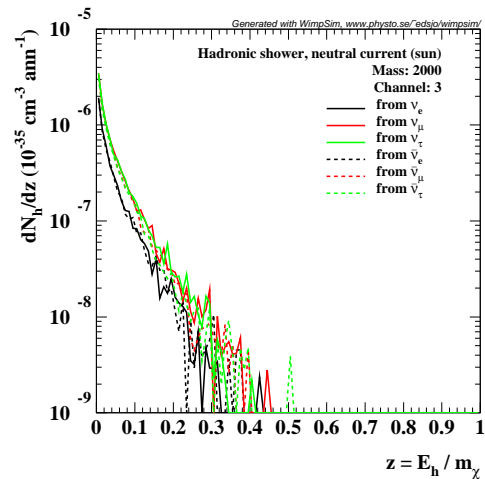
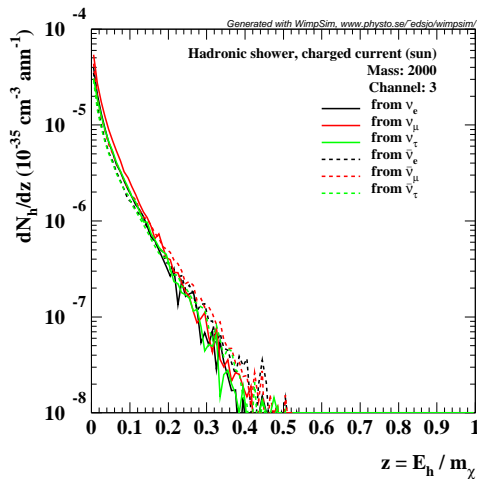
### 16.3.1 Neutrino fluxes at detector (Sun)



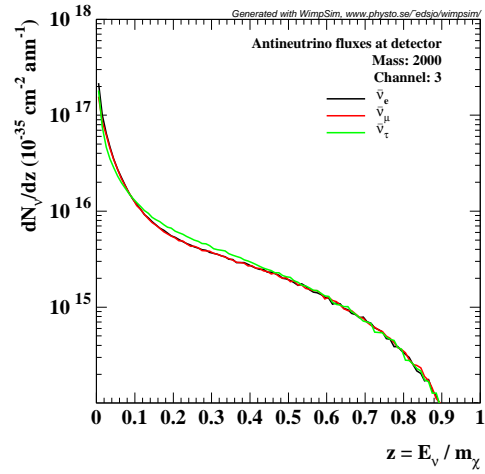
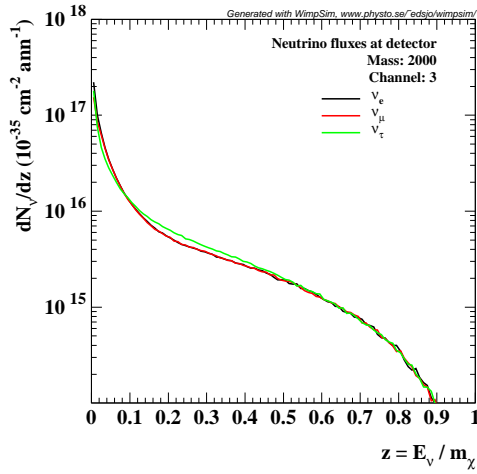
### 16.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



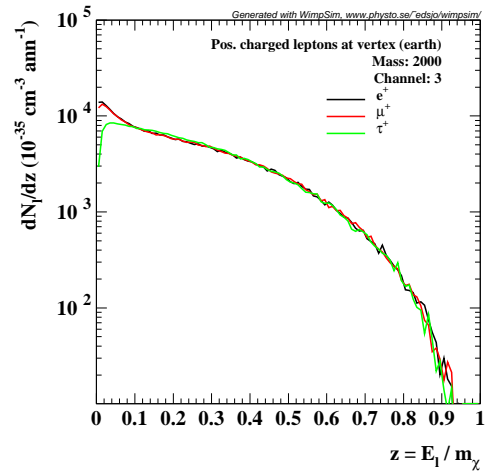
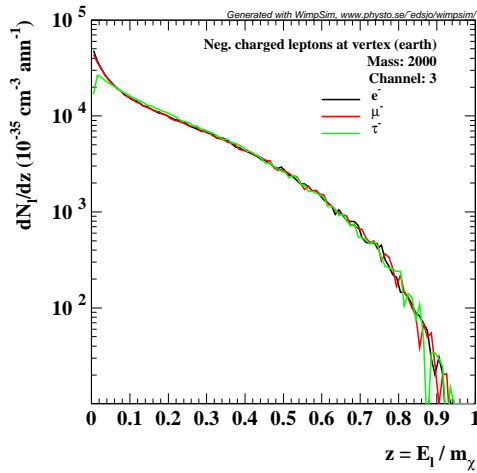
### 16.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



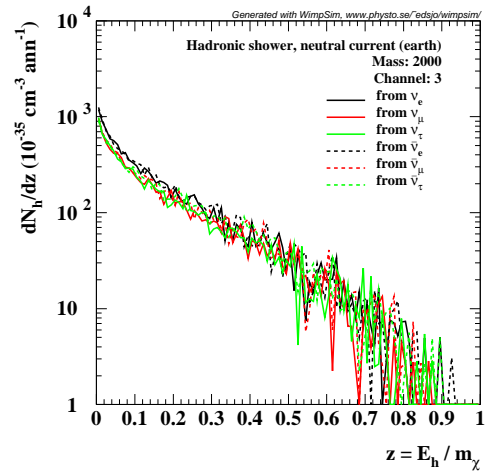
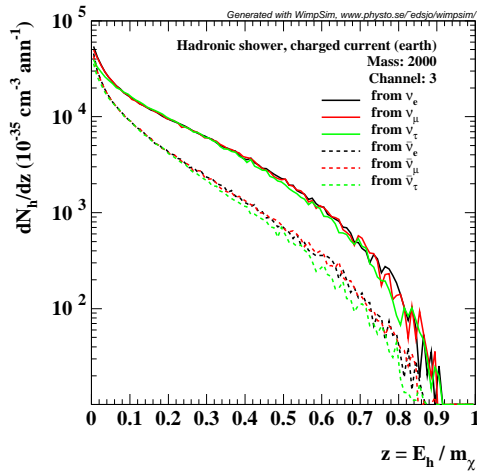
### 16.3.4 Neutrino fluxes at detector (Earth)



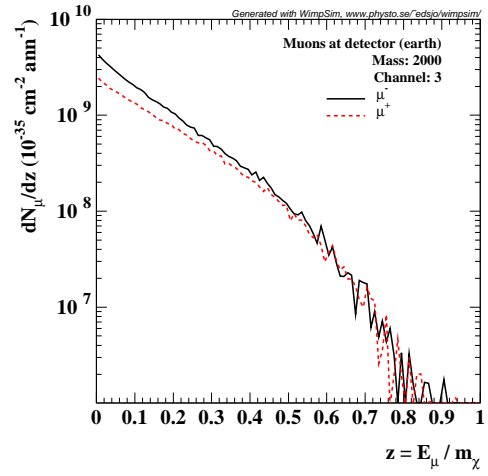
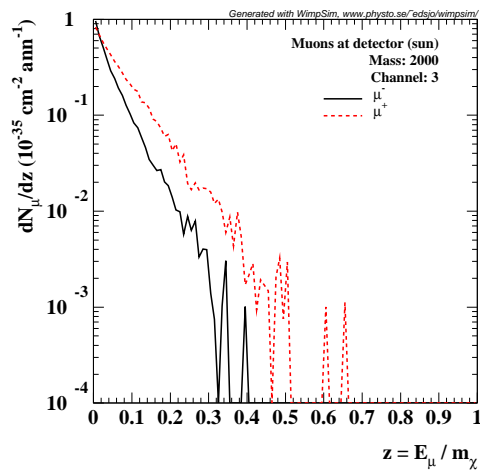
### 16.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 16.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

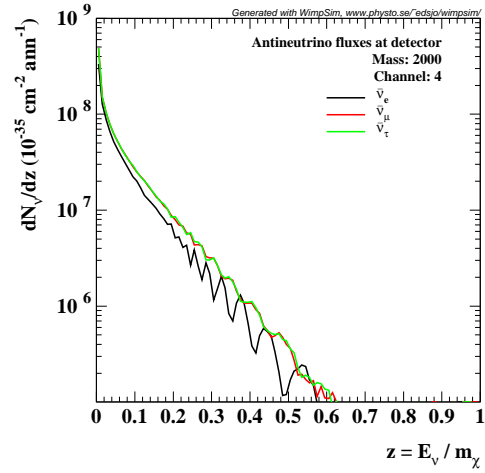
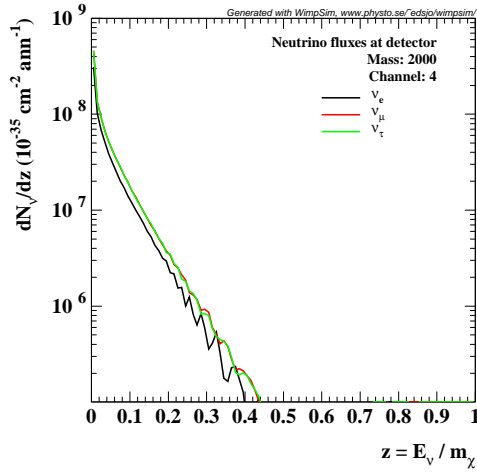


### 16.3.7 Muons at detector (Sun/Earth)

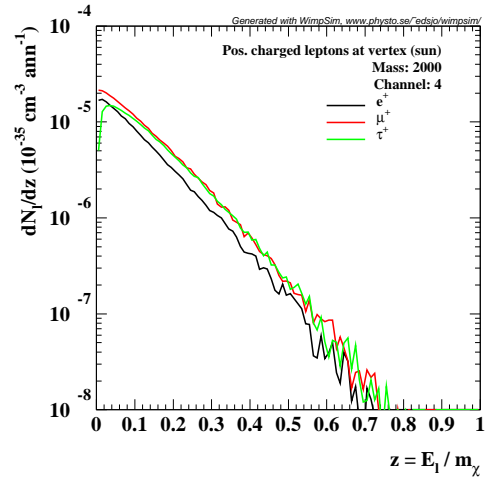
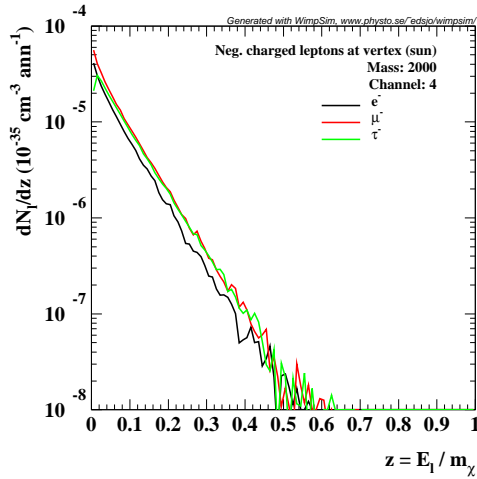


## 16.4 Channel 4 – $\tau^- \tau^+$

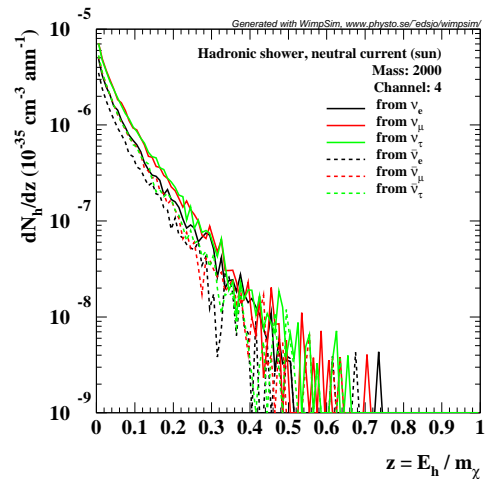
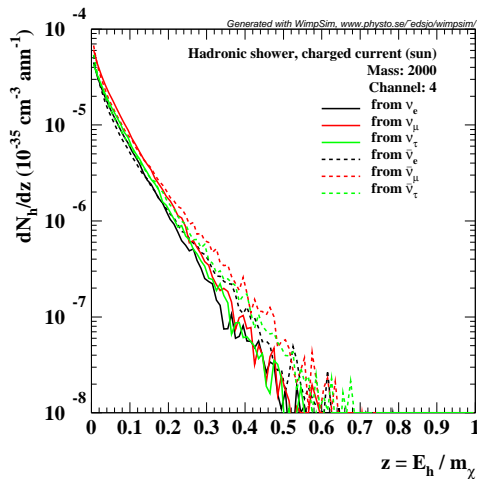
### 16.4.1 Neutrino fluxes at detector (Sun)



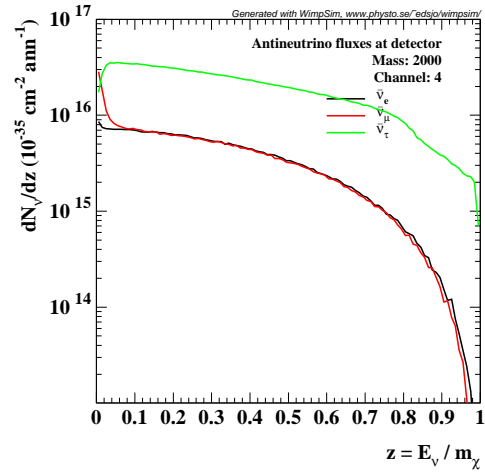
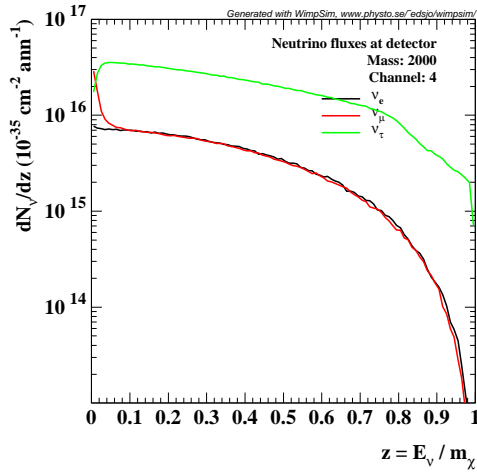
### 16.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



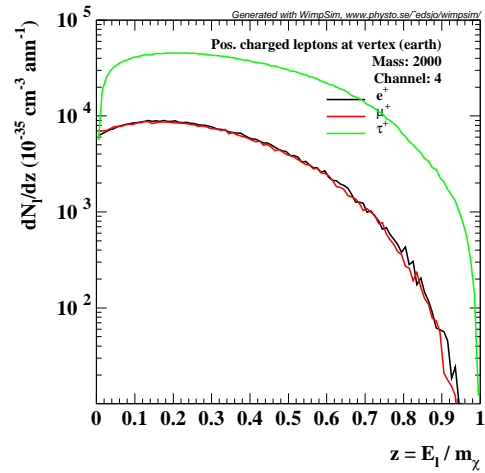
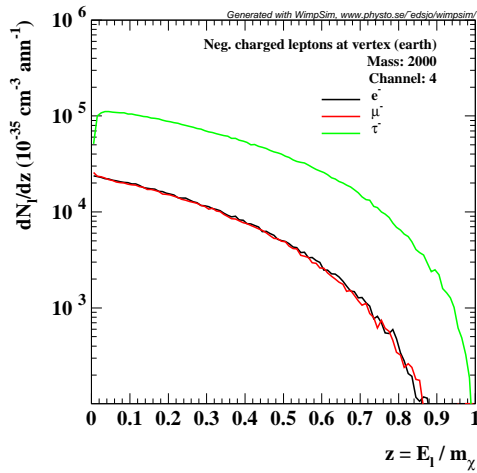
### 16.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



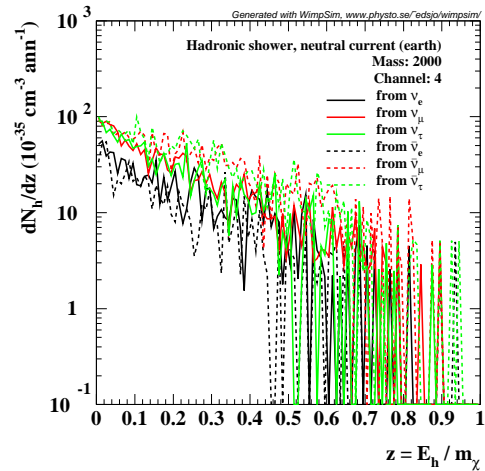
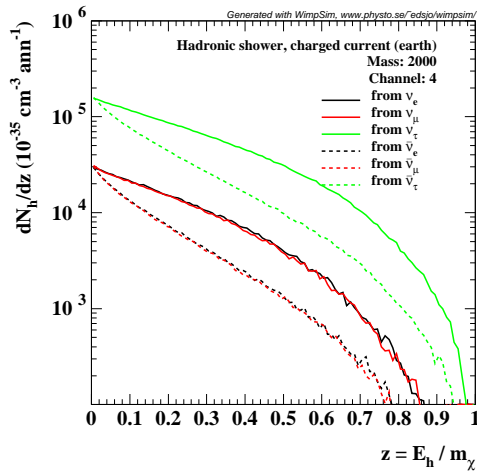
#### 16.4.4 Neutrino fluxes at detector (Earth)



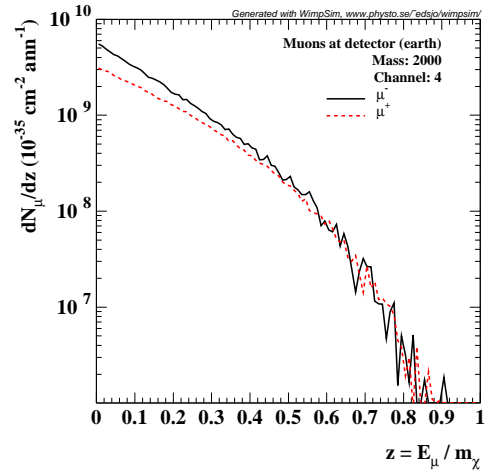
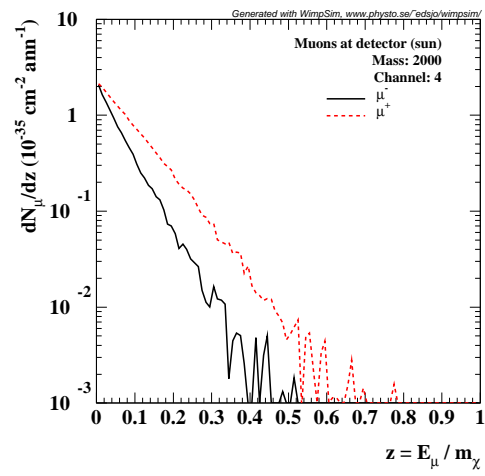
#### 16.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 16.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

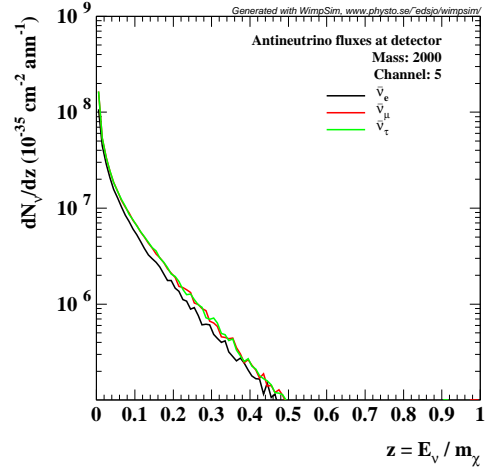
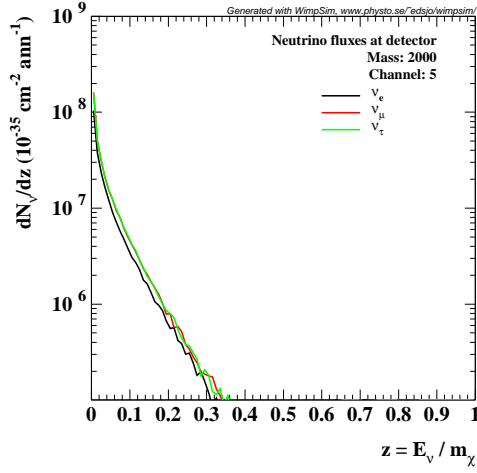


### 16.4.7 Muons at detector (Sun/Earth)

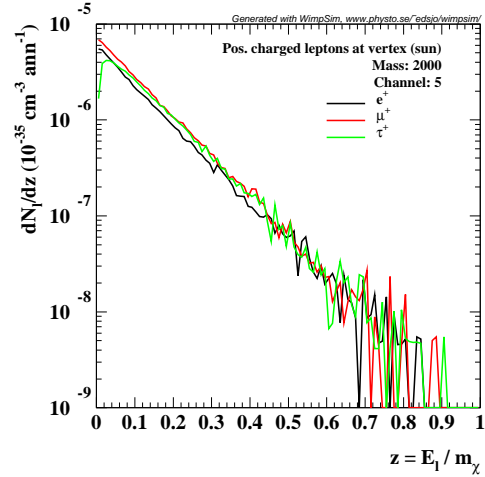
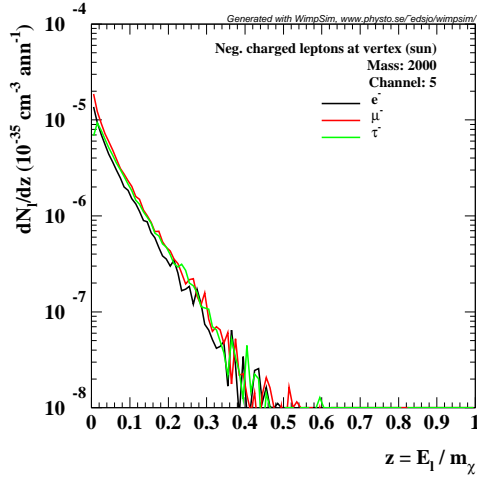


## 16.5 Channel 5 – $W^-W^+$

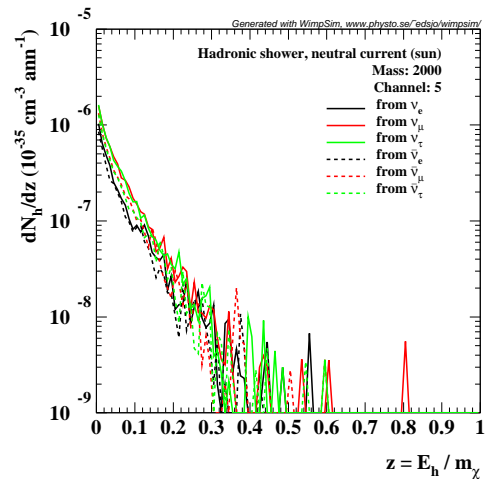
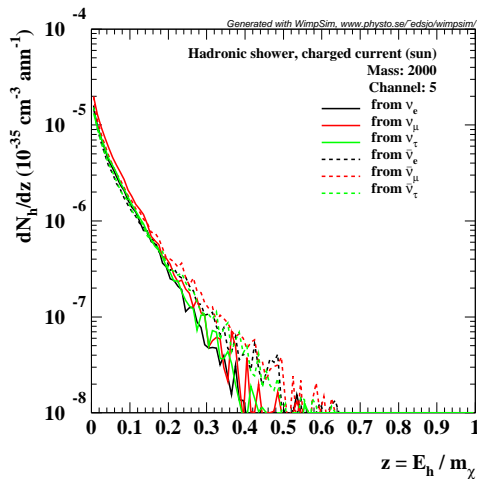
### 16.5.1 Neutrino fluxes at detector (Sun)



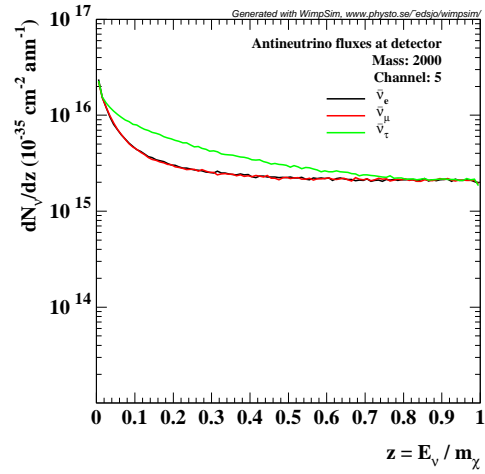
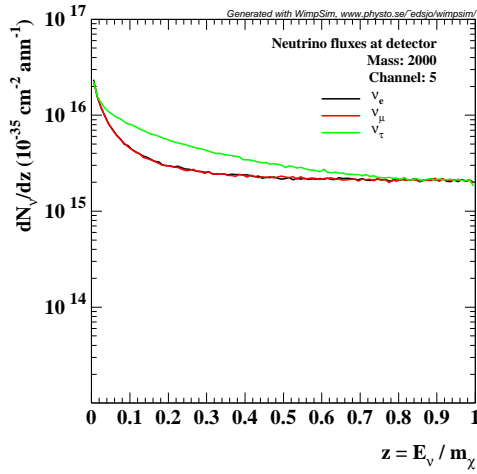
### 16.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



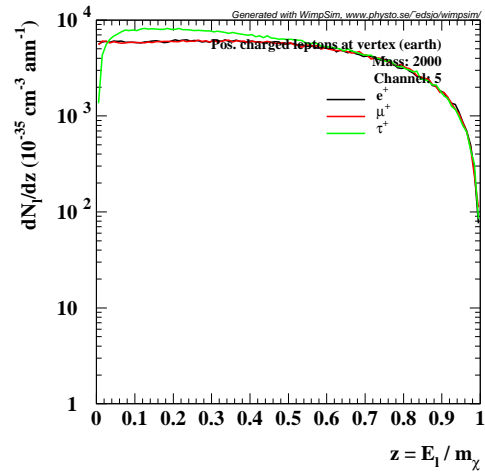
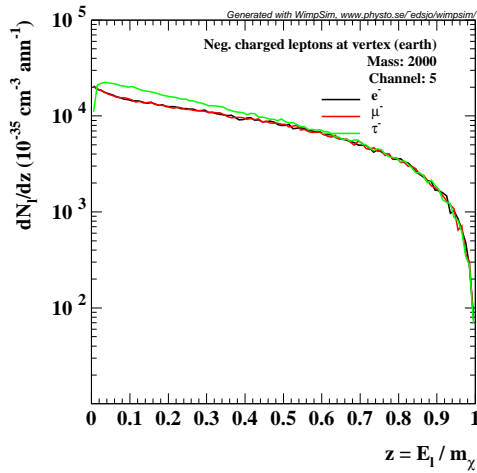
### 16.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



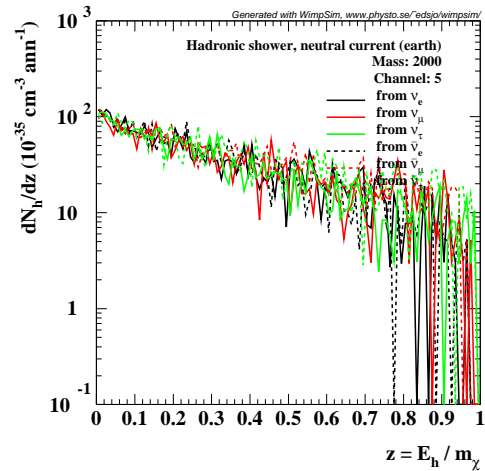
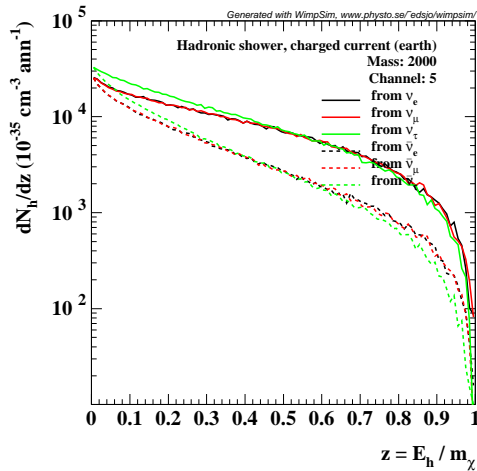
### 16.5.4 Neutrino fluxes at detector (Earth)



### 16.5.5 Charged leptons at neutrino-nucleon vertex (Earth)

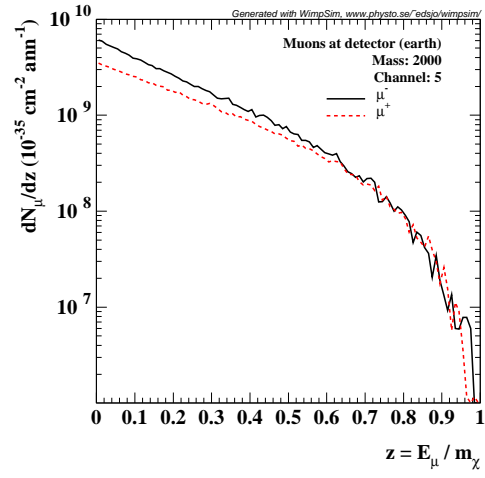
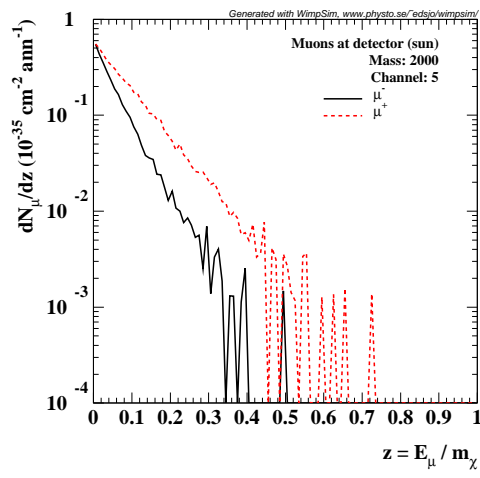


### 16.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)



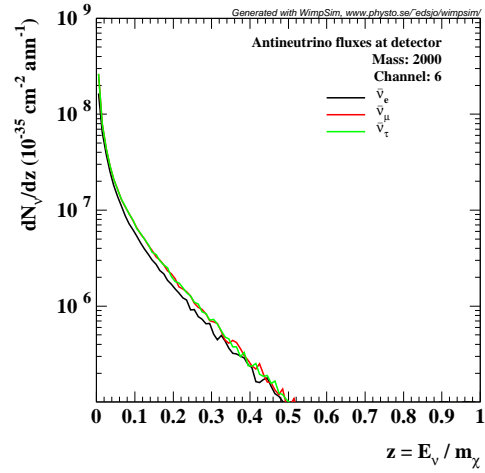
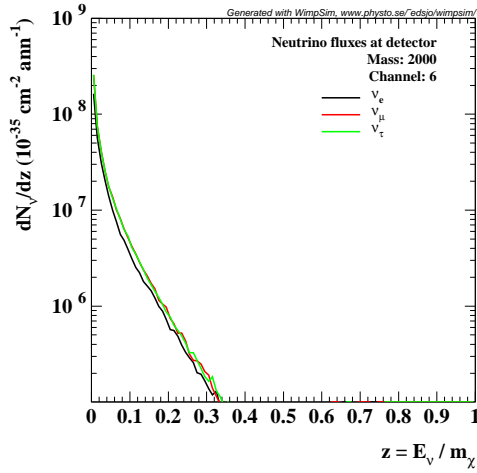


### 16.5.7 Muons at detector (Sun/Earth)

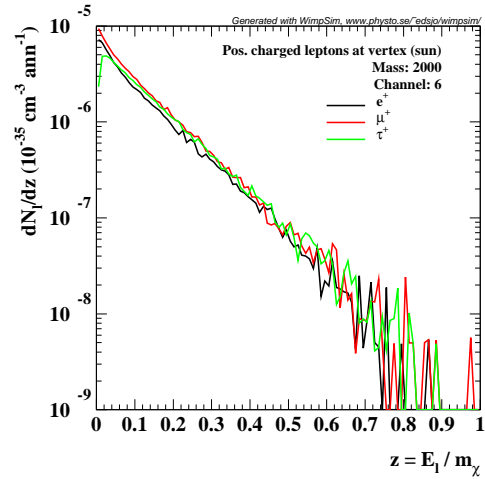
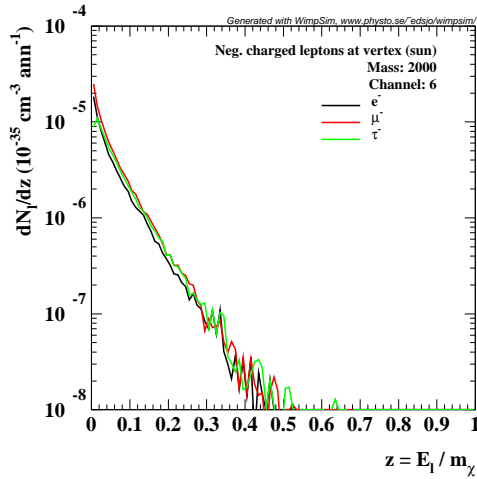


## 16.6 Channel 6 – $Z^0 Z^0$

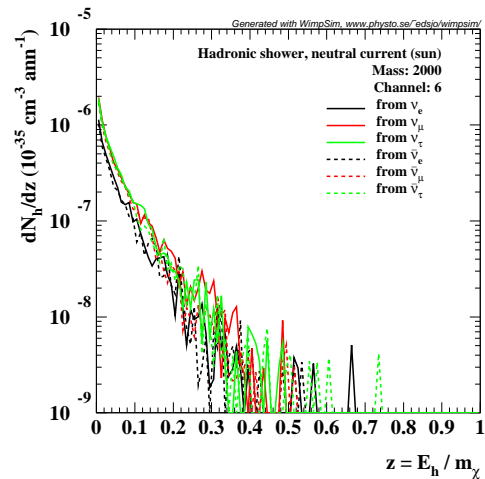
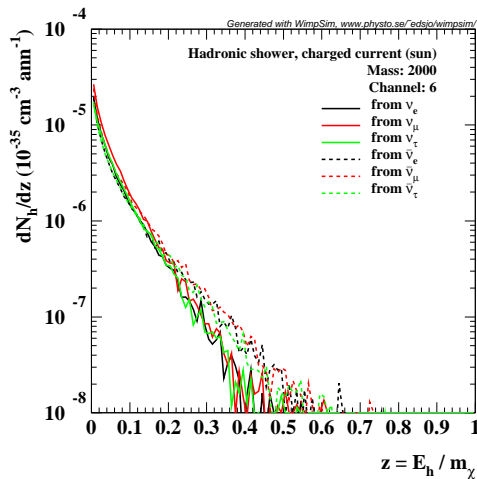
### 16.6.1 Neutrino fluxes at detector (Sun)



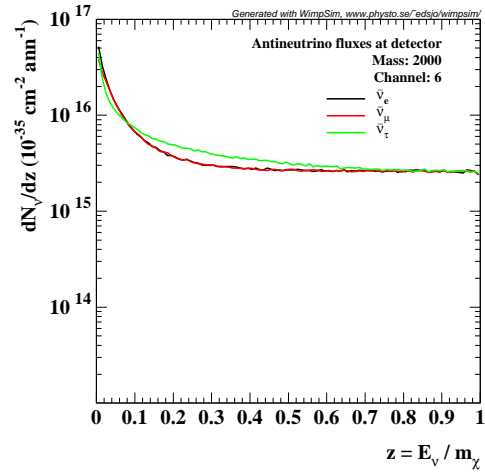
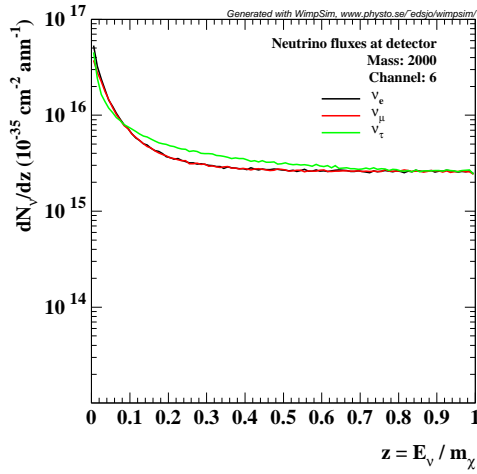
### 16.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



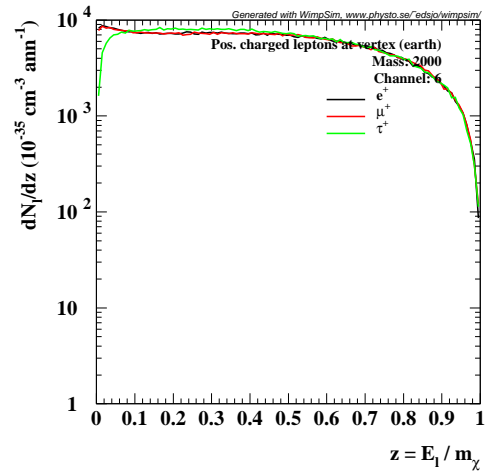
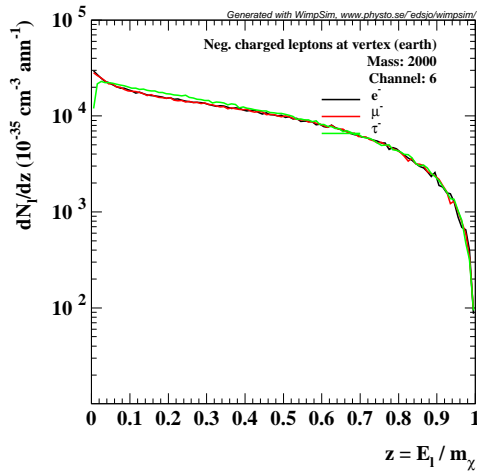
### 16.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



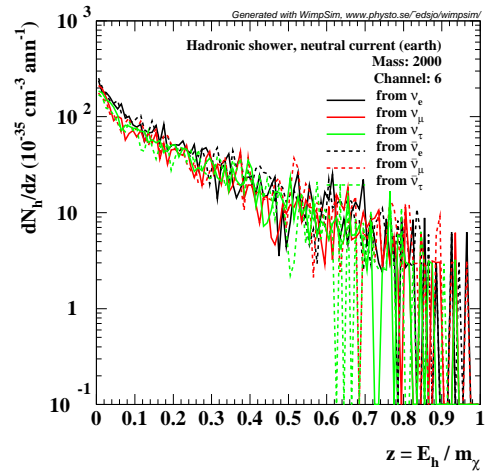
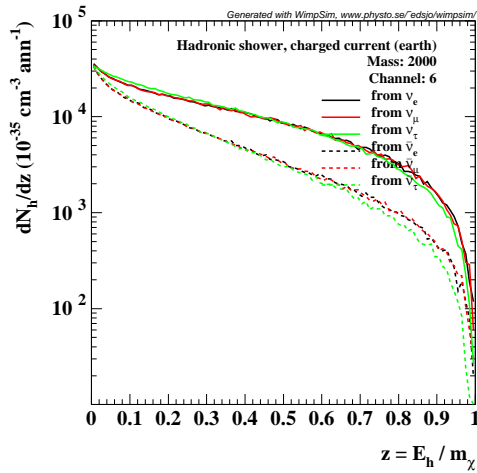
### 16.6.4 Neutrino fluxes at detector (Earth)



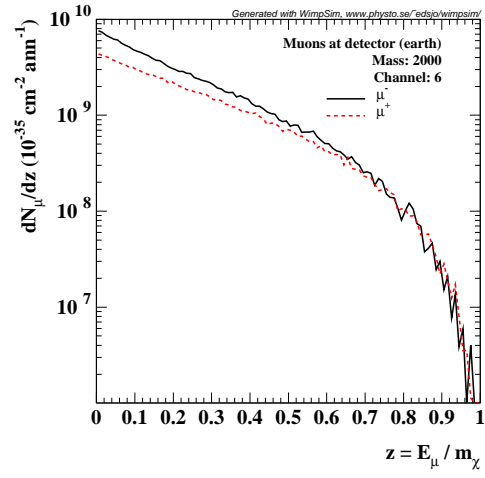
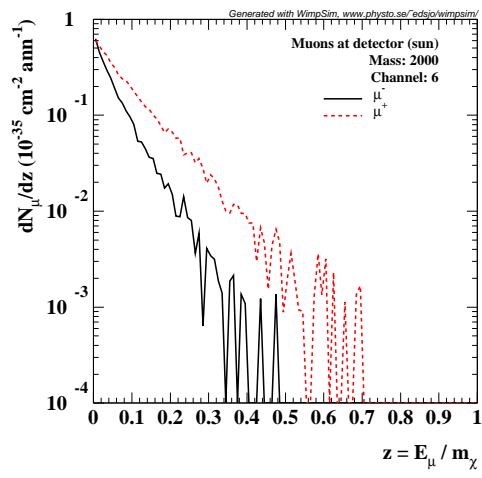
### 16.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 16.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

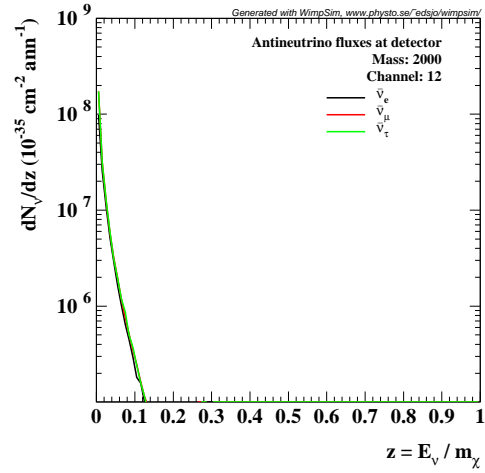
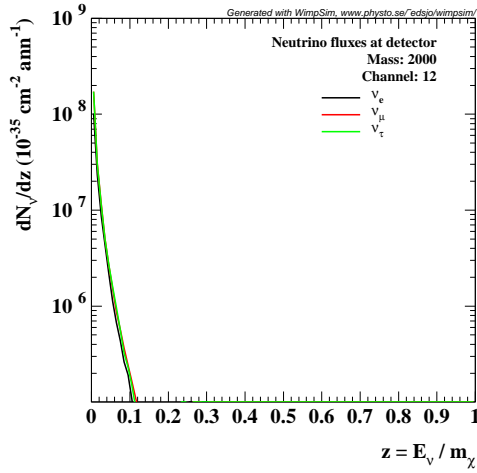


### 16.6.7 Muons at detector (Sun/Earth)

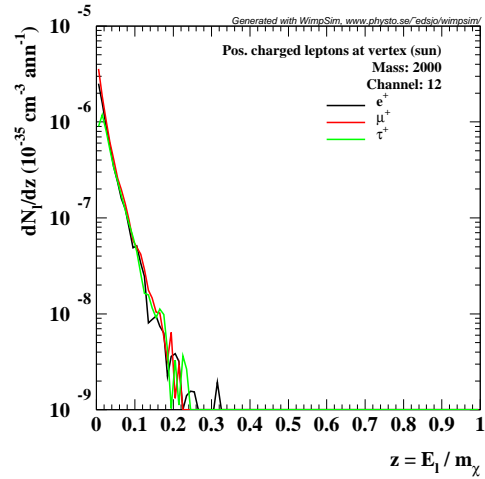
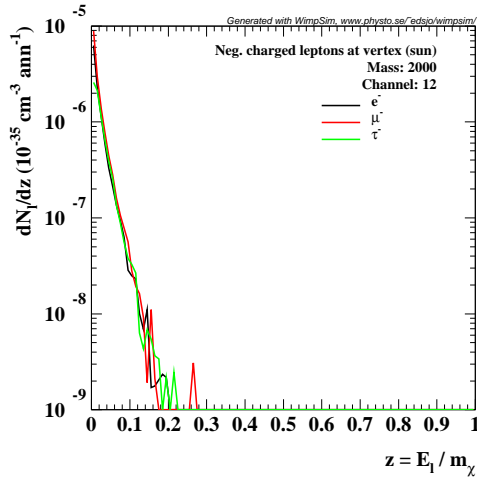


## 16.7 Channel 12 – $gg$

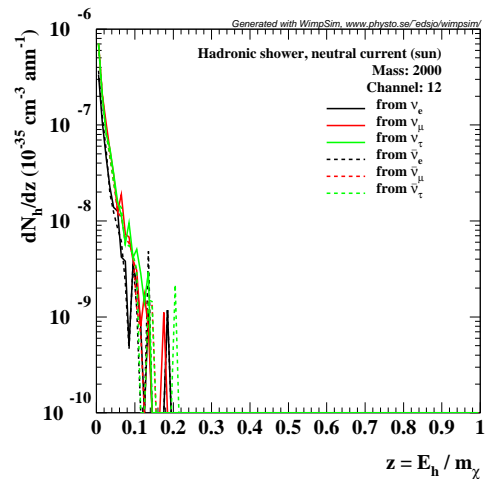
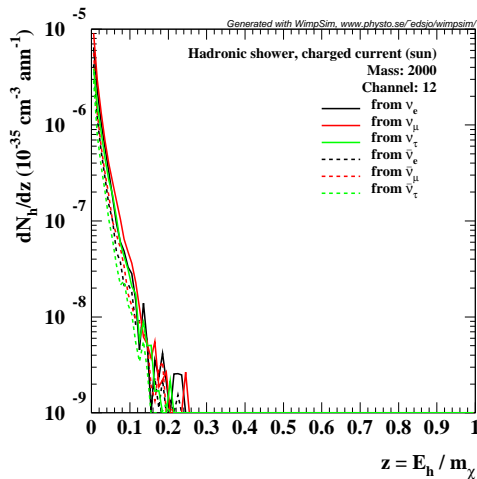
### 16.7.1 Neutrino fluxes at detector (Sun)



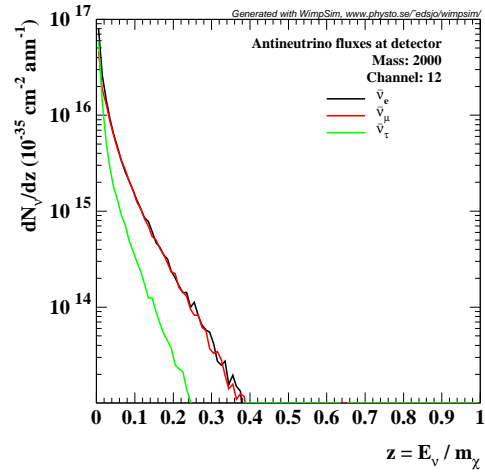
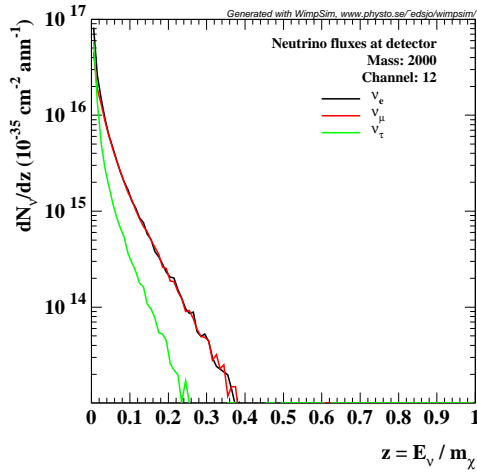
### 16.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



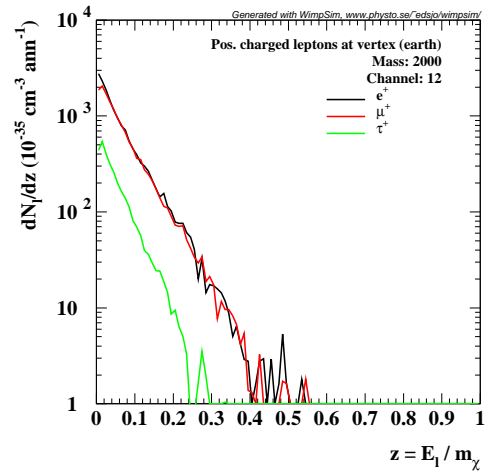
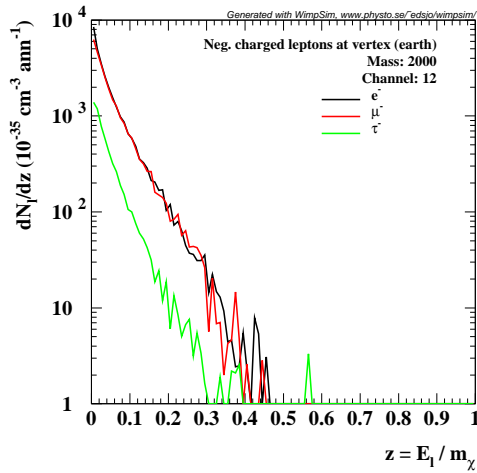
### 16.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



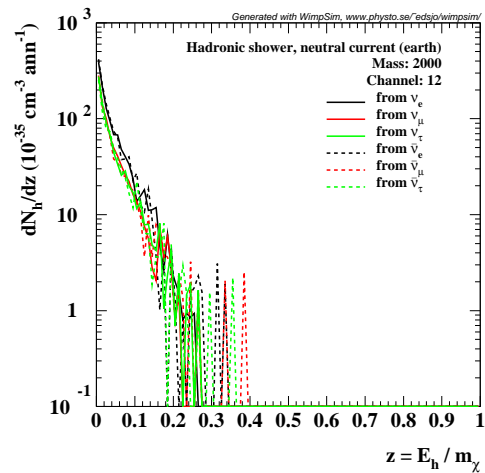
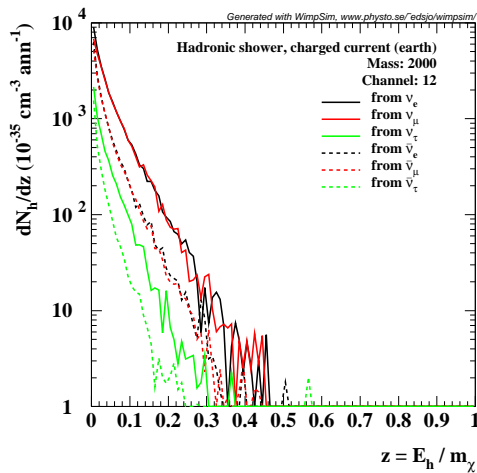
### 16.7.4 Neutrino fluxes at detector (Earth)



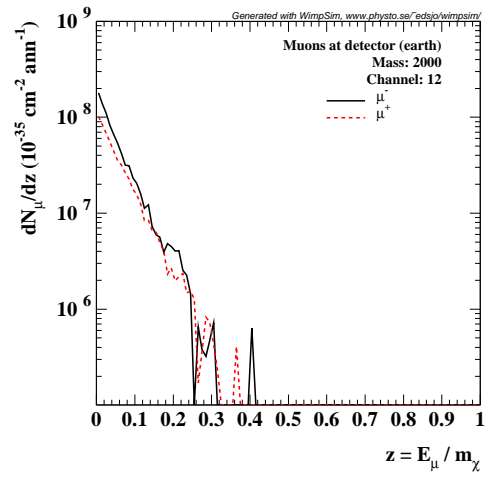
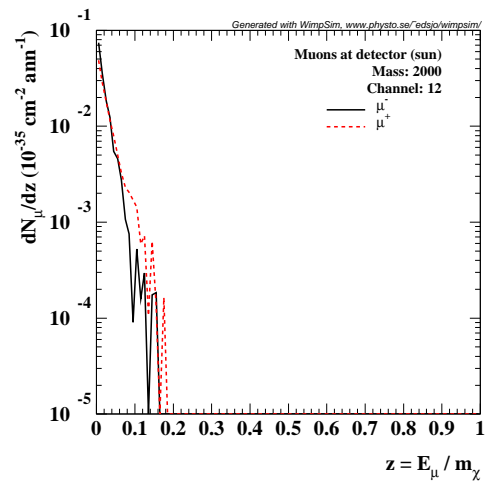
### 16.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 16.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)

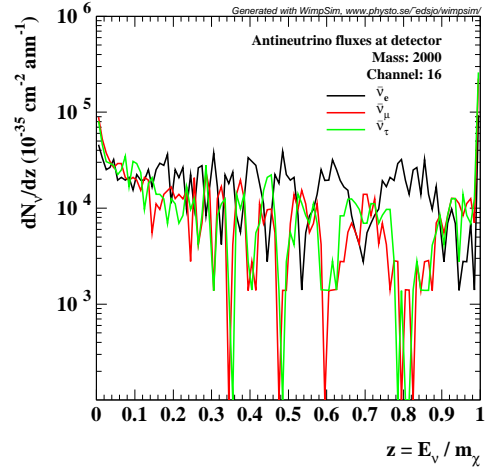
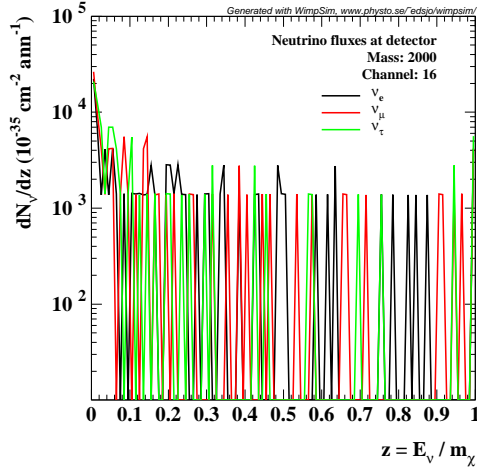


### 16.7.7 Muons at detector (Sun/Earth)

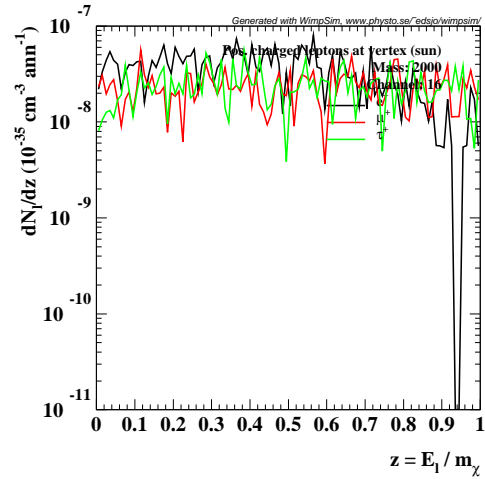
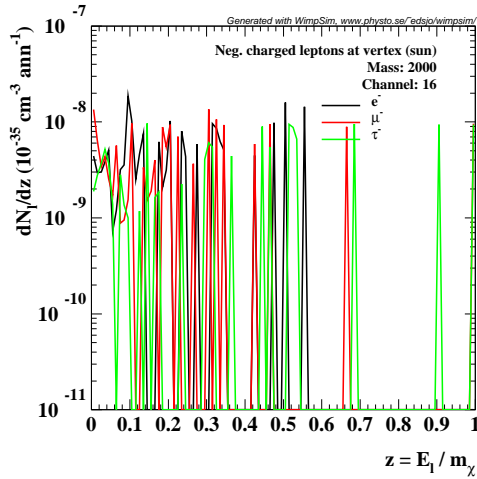


## 16.8 Channel 16 – $\nu_e \bar{\nu}_e$

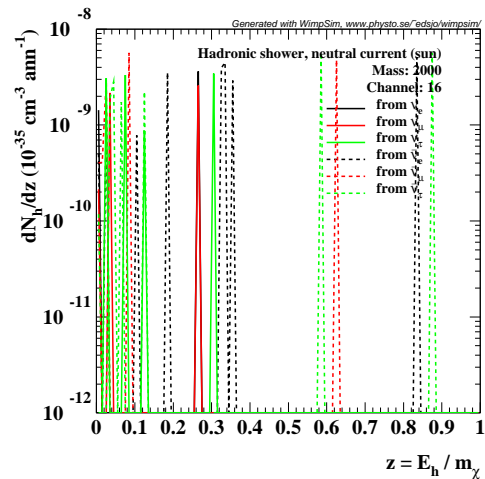
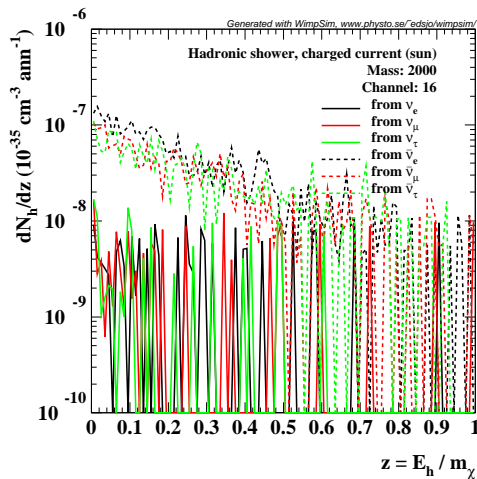
### 16.8.1 Neutrino fluxes at detector (Sun)



### 16.8.2 Charged leptons at neutrino-nucleon vertex (Sun)

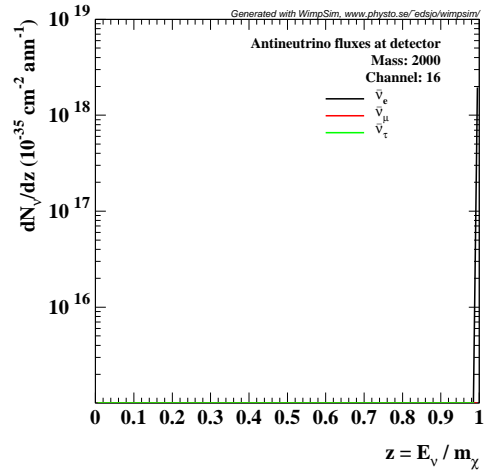
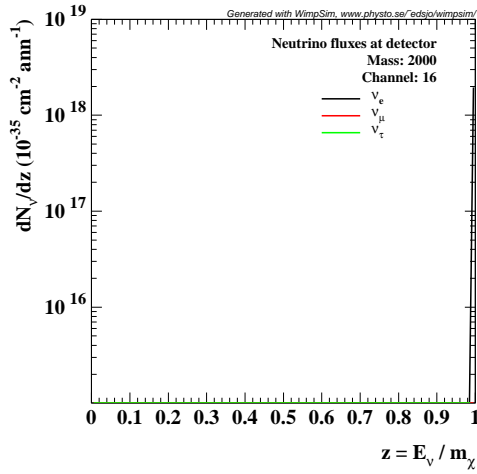


### 16.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)

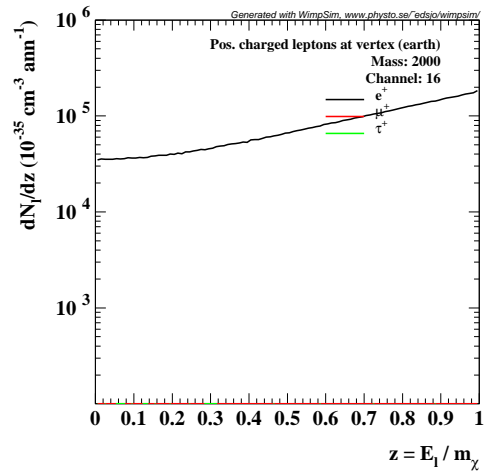
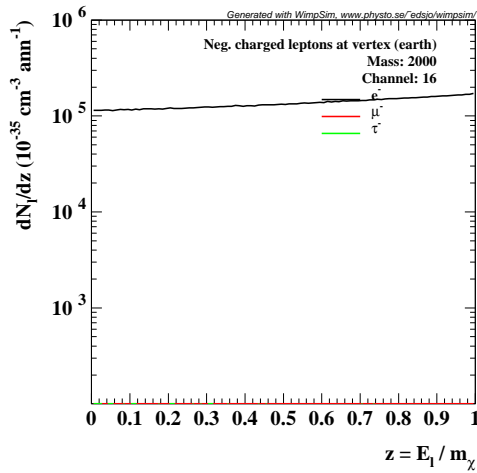




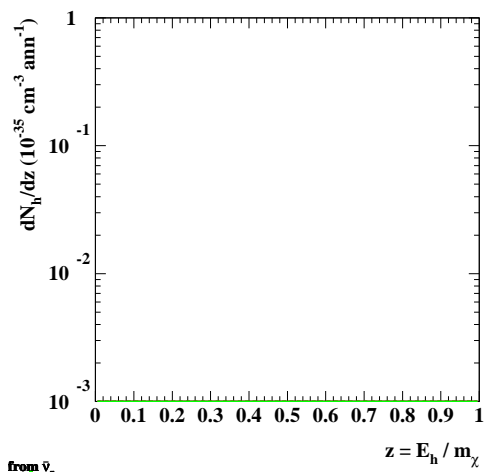
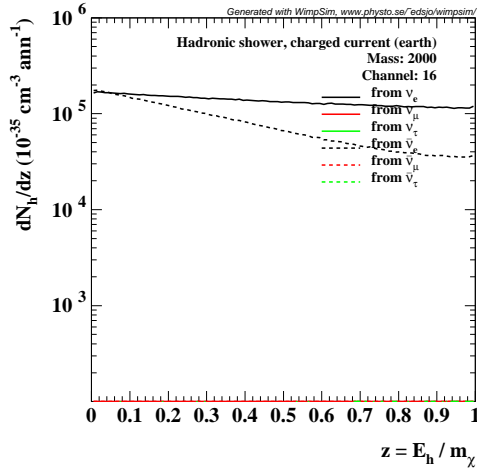
### 16.8.4 Neutrino fluxes at detector (Earth)



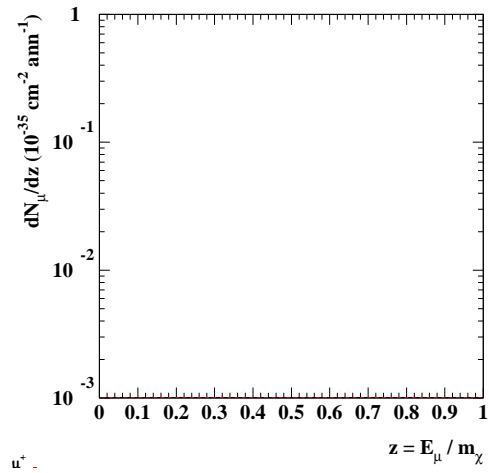
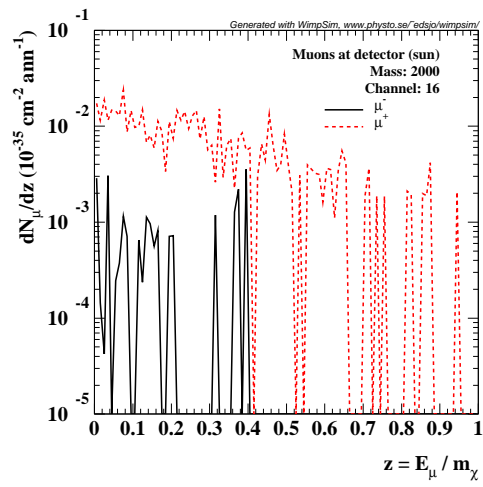
### 16.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 16.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)

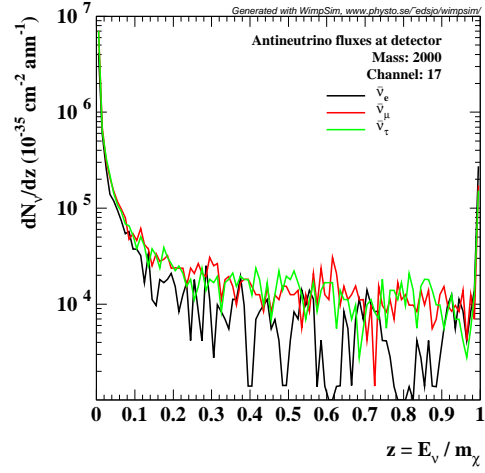
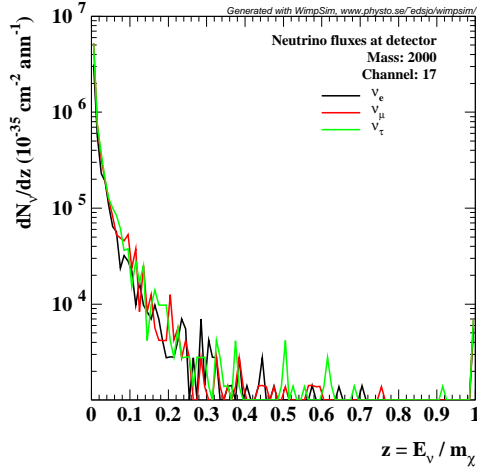


### 16.8.7 Muons at detector (Sun/Earth)

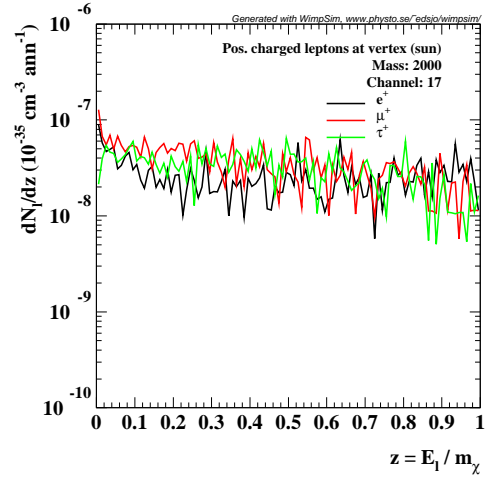
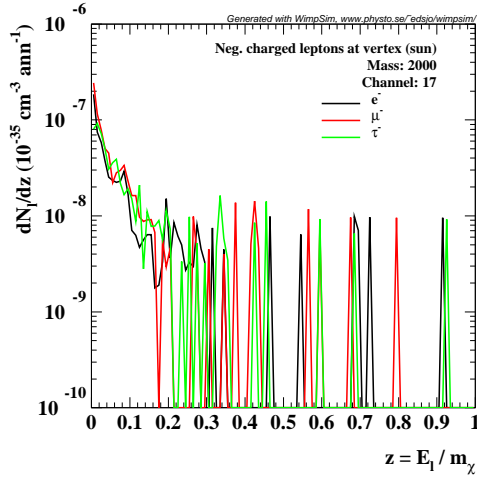


## 16.9 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

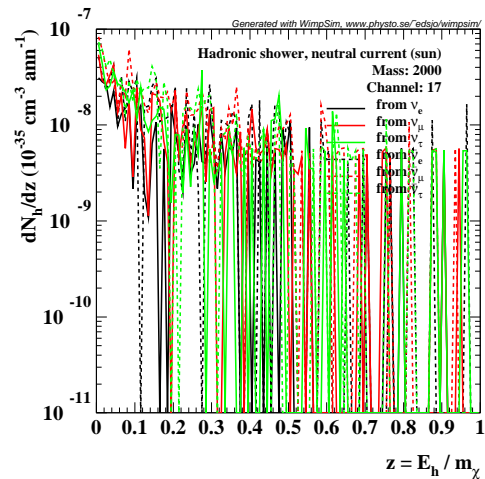
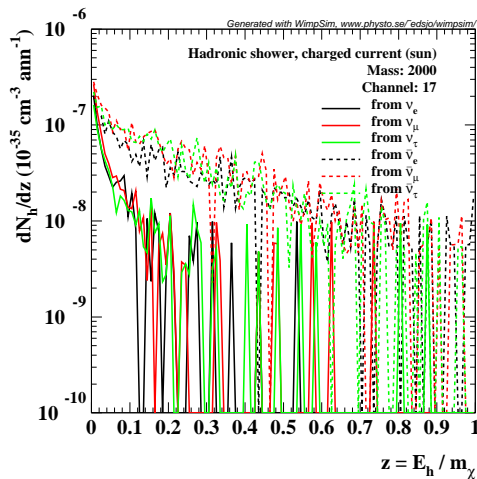
### 16.9.1 Neutrino fluxes at detector (Sun)



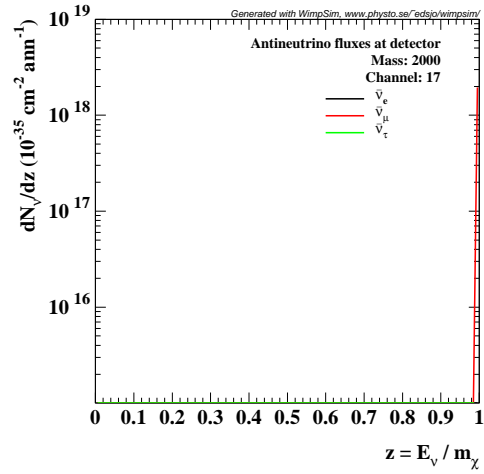
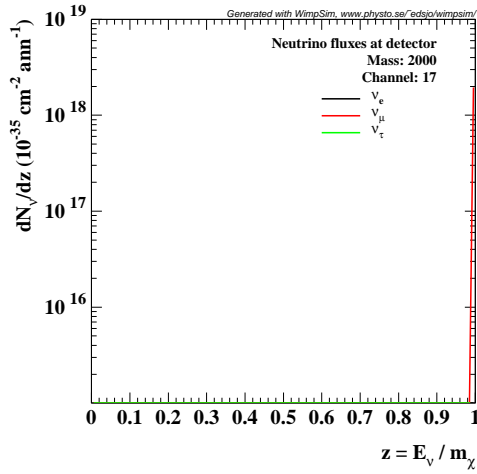
### 16.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



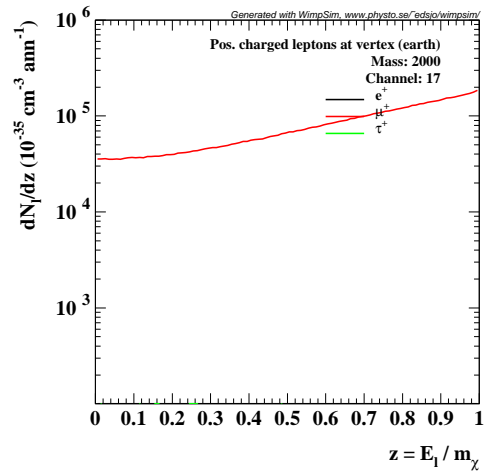
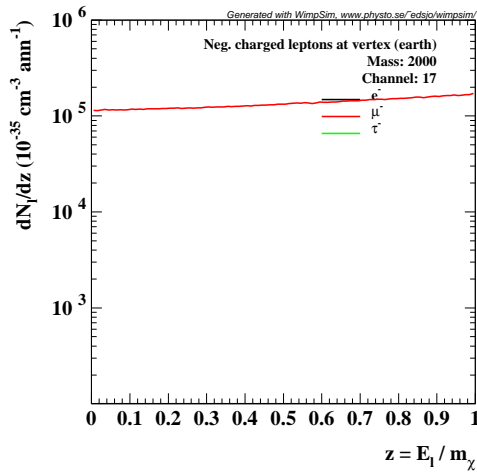
### 16.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



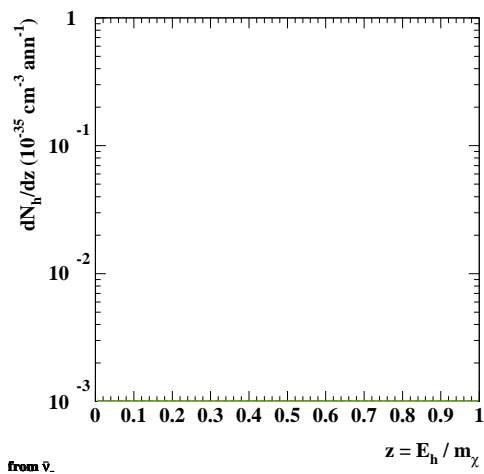
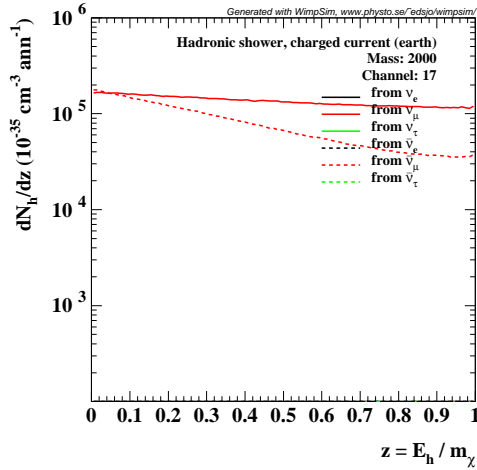
### 16.9.4 Neutrino fluxes at detector (Earth)



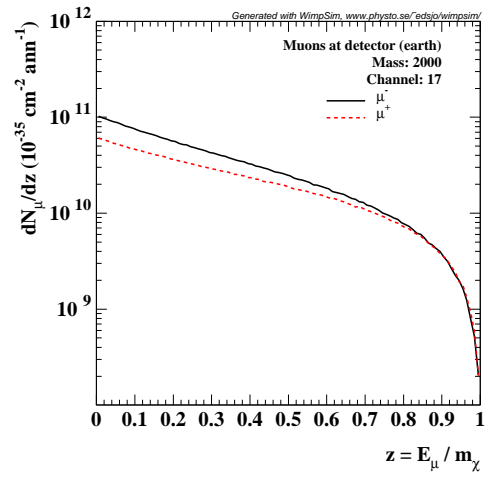
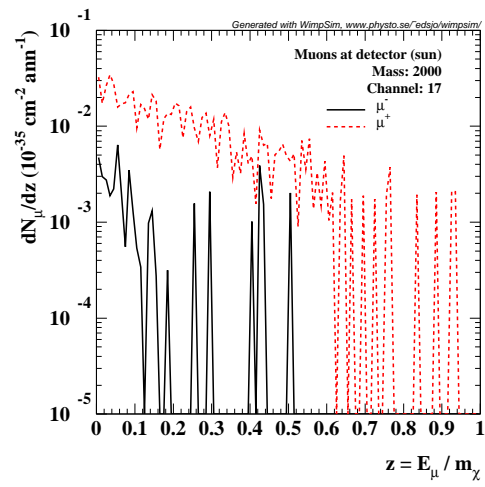
### 16.9.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 16.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)

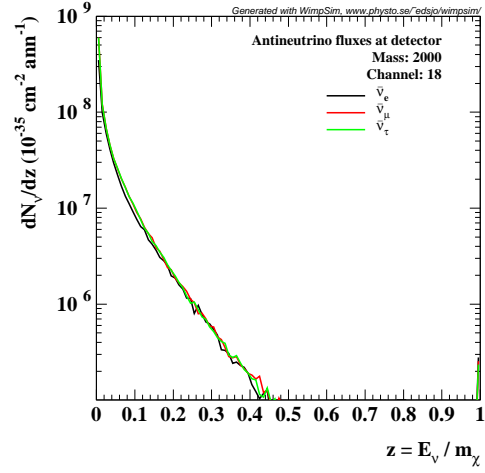
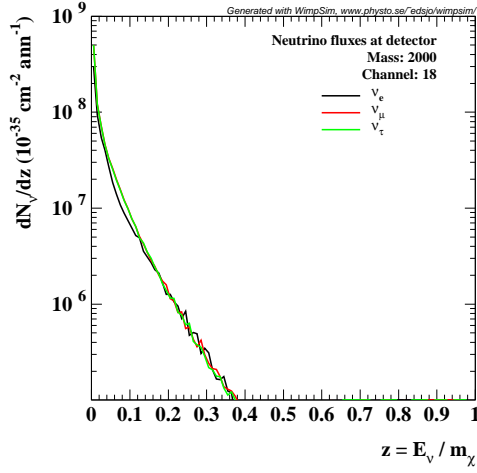


### 16.9.7 Muons at detector (Sun/Earth)

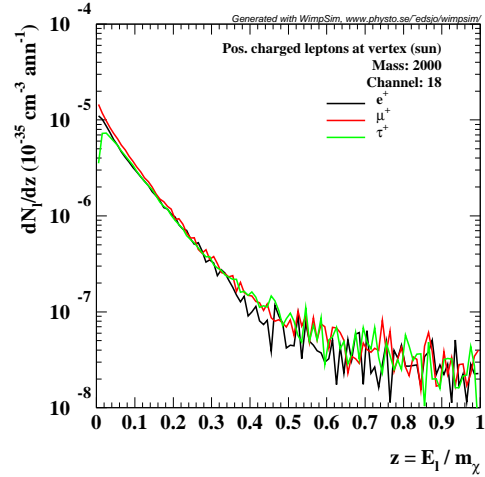
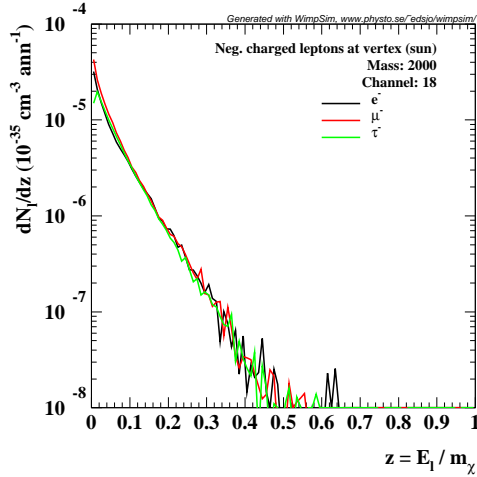


## 16.10 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

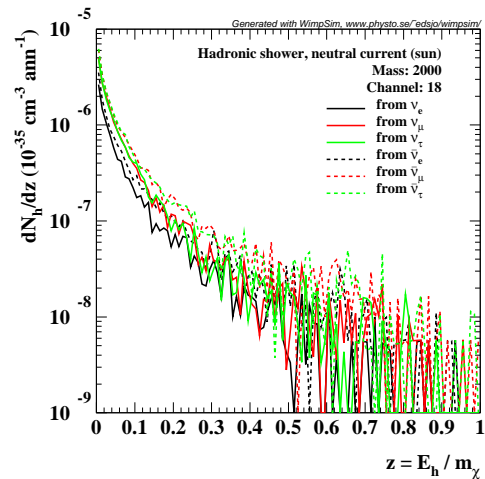
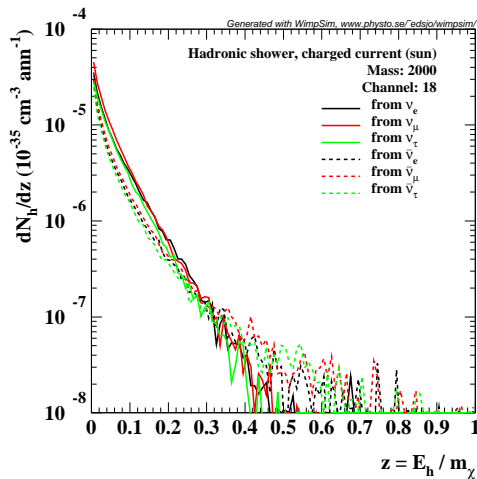
### 16.10.1 Neutrino fluxes at detector (Sun)



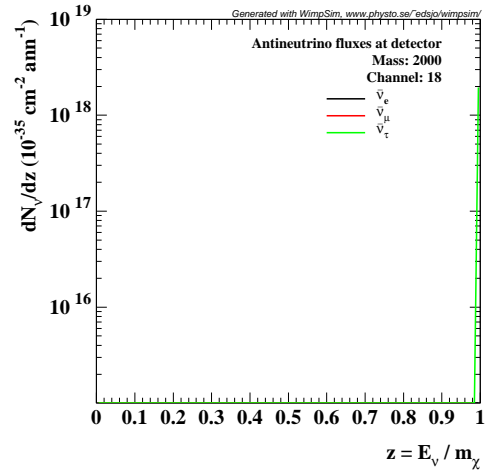
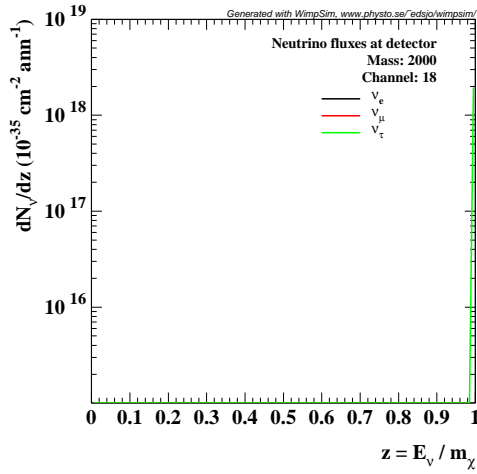
### 16.10.2 Charged leptons at neutrino-nucleon vertex (Sun)



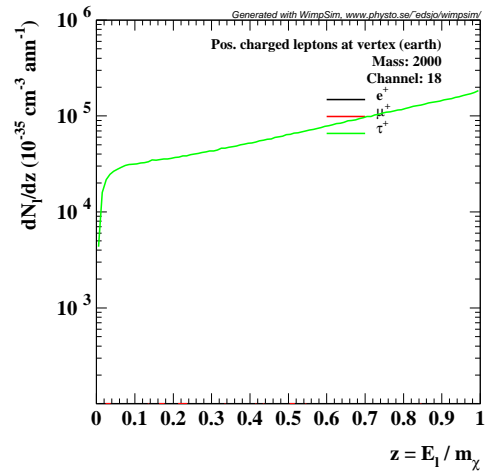
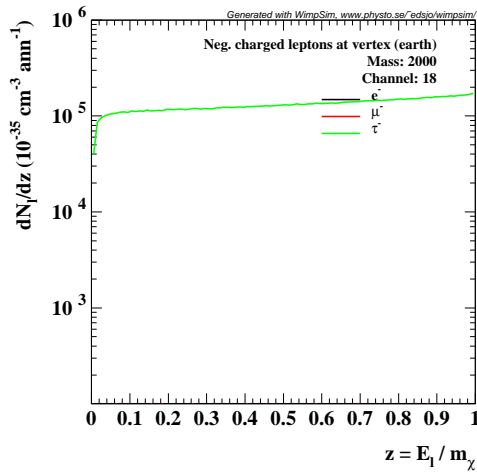
### 16.10.3 Hadronic shower at neutrino-nucleon vertex (Sun)



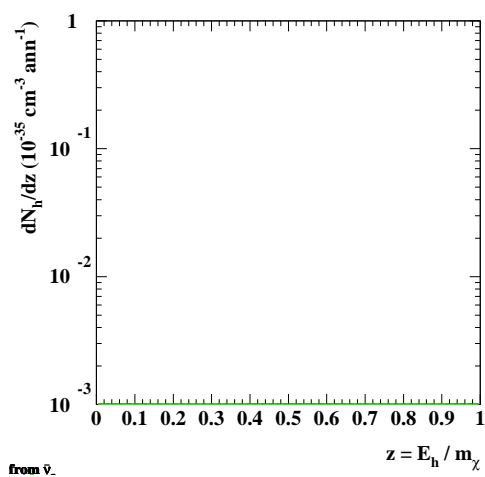
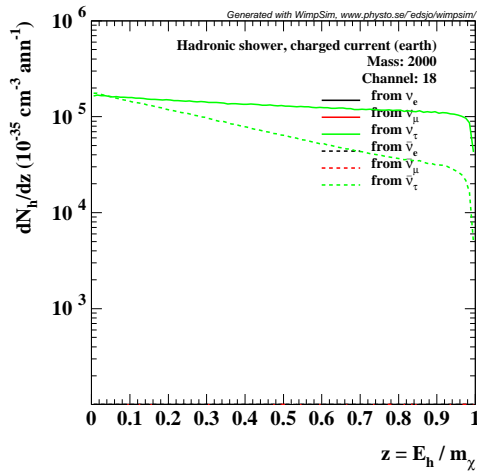
### 16.10.4 Neutrino fluxes at detector (Earth)



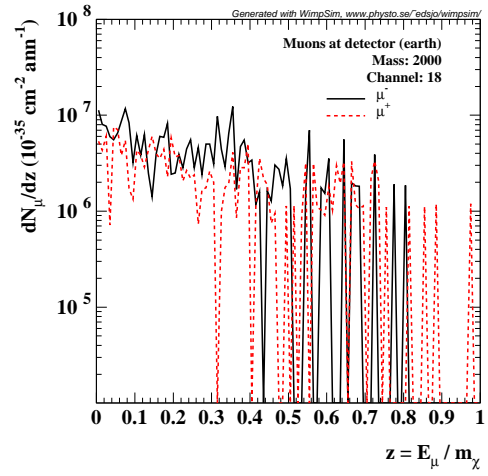
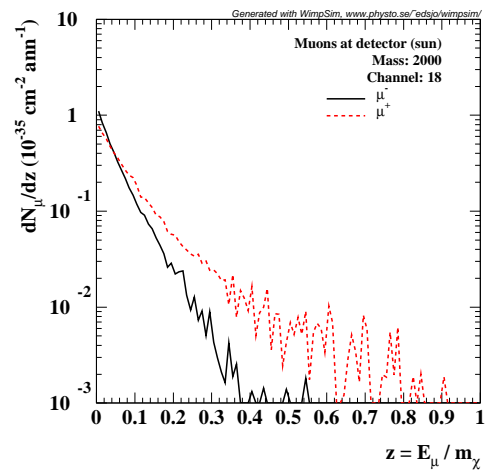
### 16.10.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 16.10.6 Hadronic shower at neutrino-nucleon vertex (Earth)



### 16.10.7 Muons at detector (Sun/Earth)

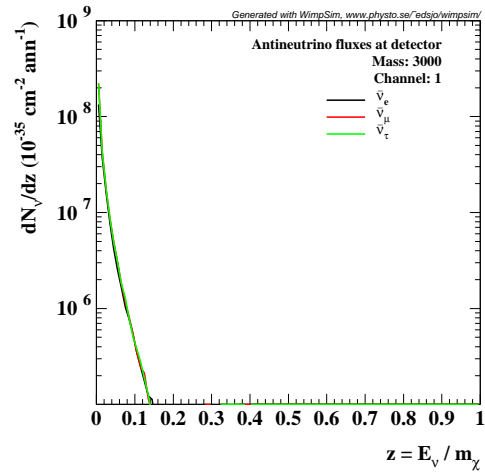
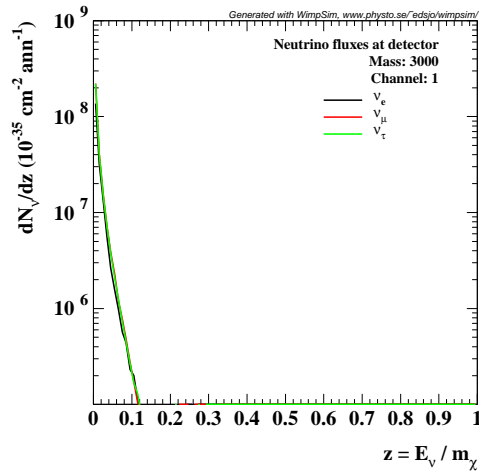




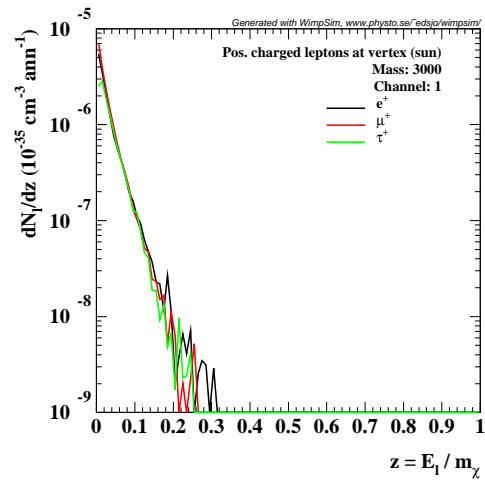
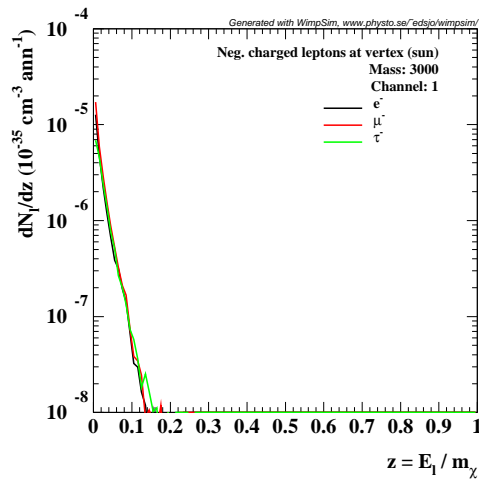
## 17 Mass 3000

### 17.1 Channel 1 – $c\bar{c}$

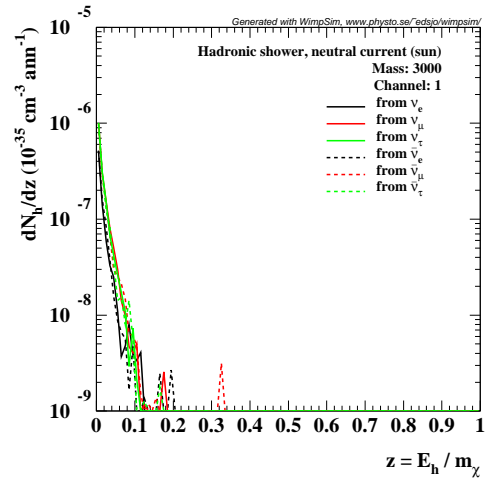
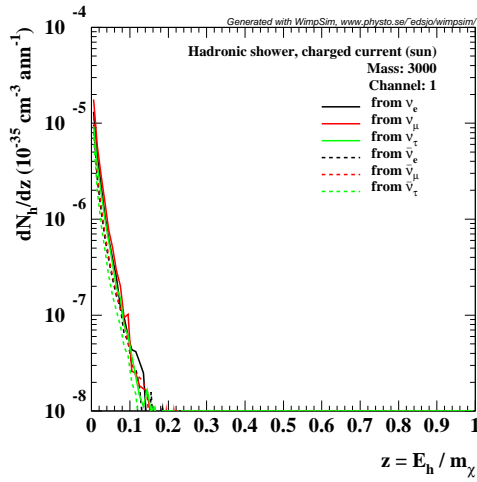
#### 17.1.1 Neutrino fluxes at detector (Sun)



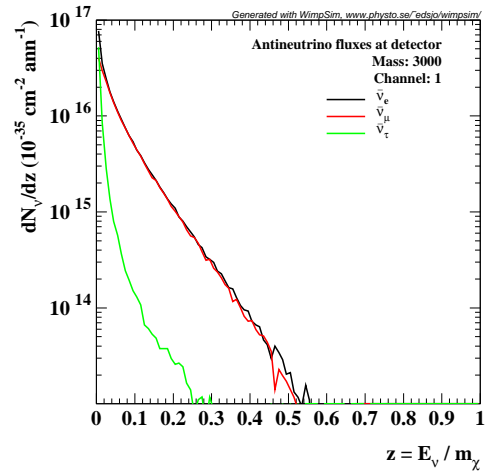
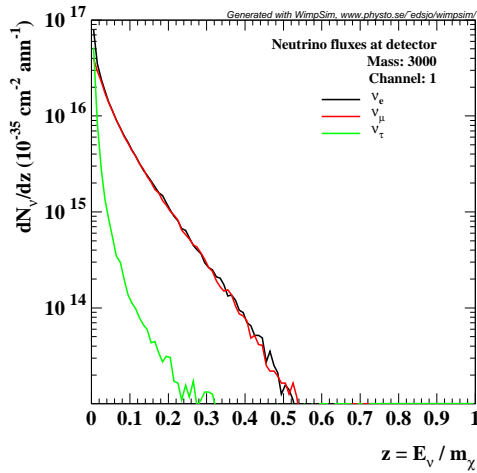
#### 17.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



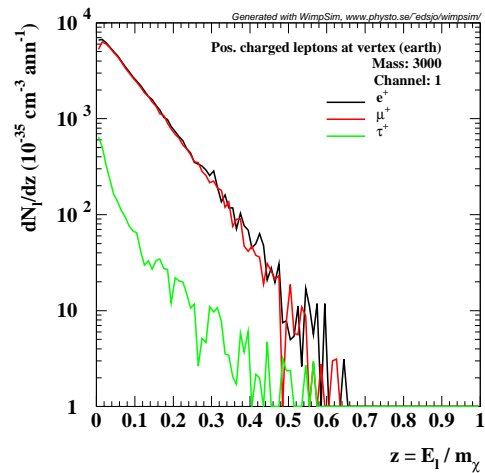
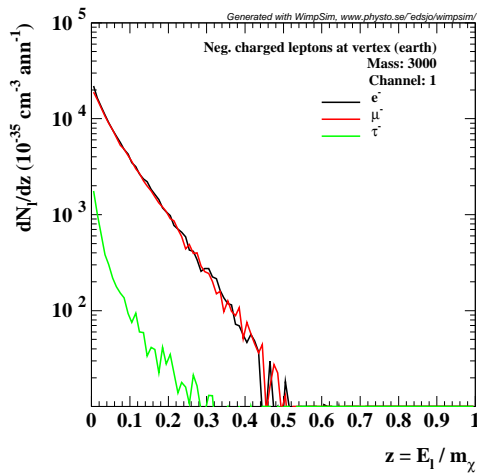
### 17.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



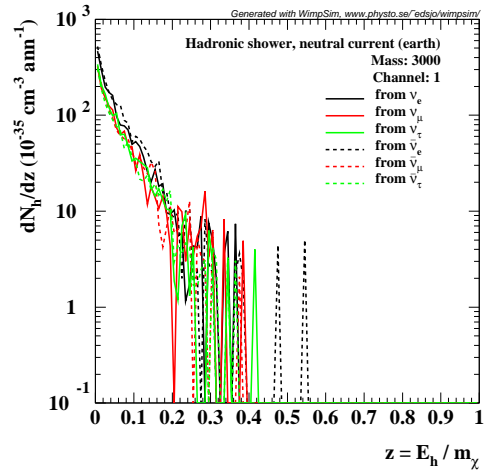
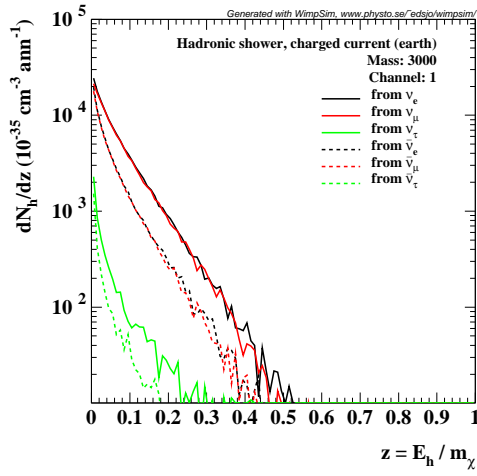
### 17.1.4 Neutrino fluxes at detector (Earth)



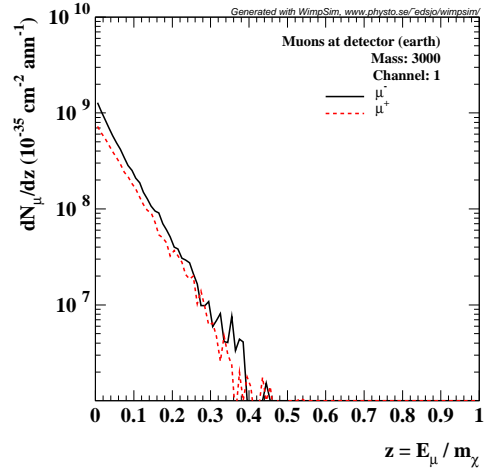
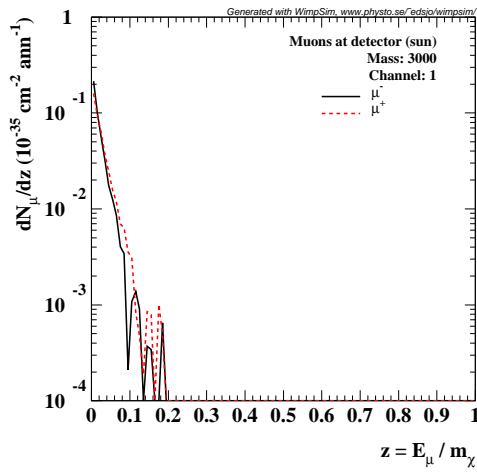
### 17.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 17.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

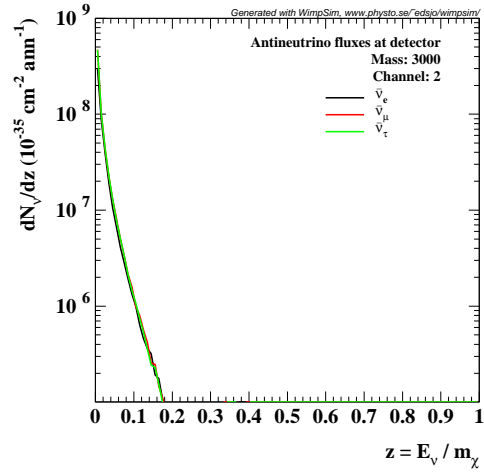
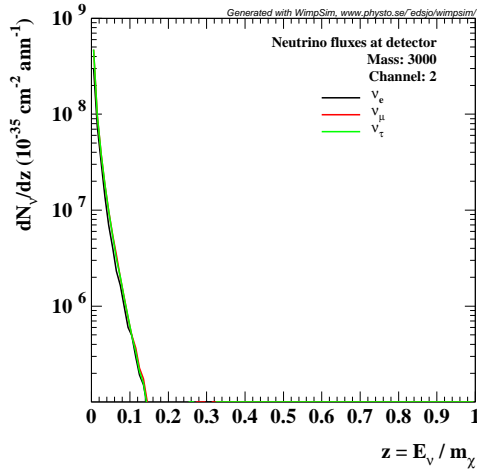


### 17.1.7 Muons at detector (Sun/Earth)

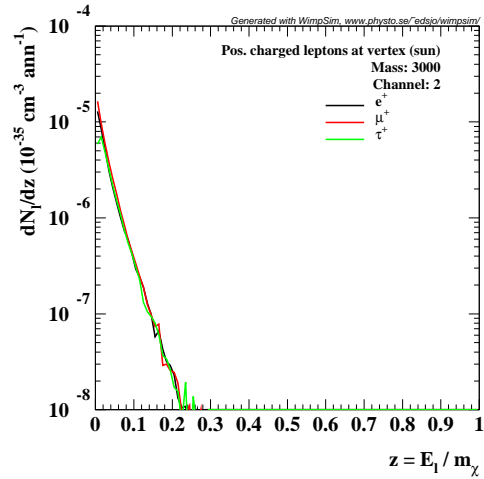
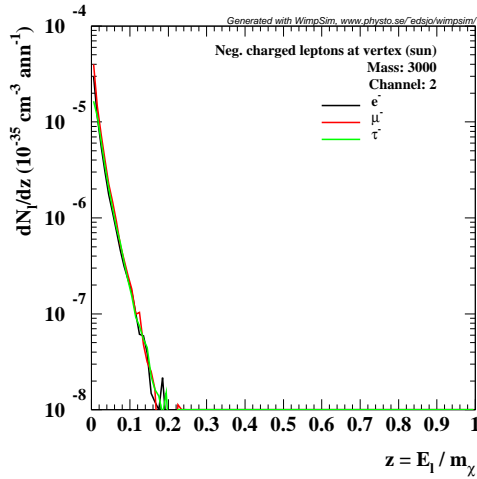


## 17.2 Channel 2 – $b\bar{b}$

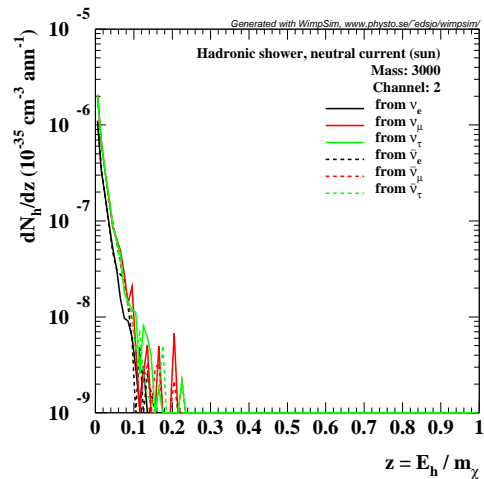
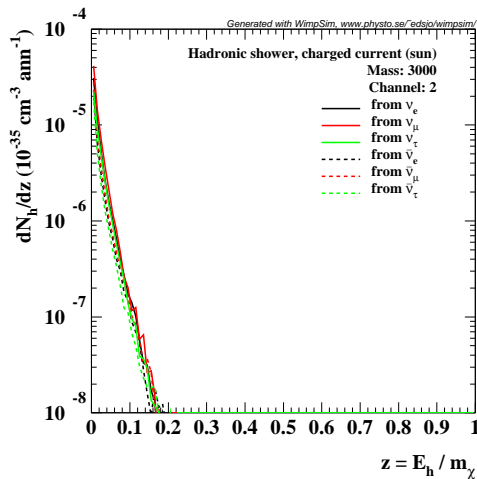
### 17.2.1 Neutrino fluxes at detector (Sun)



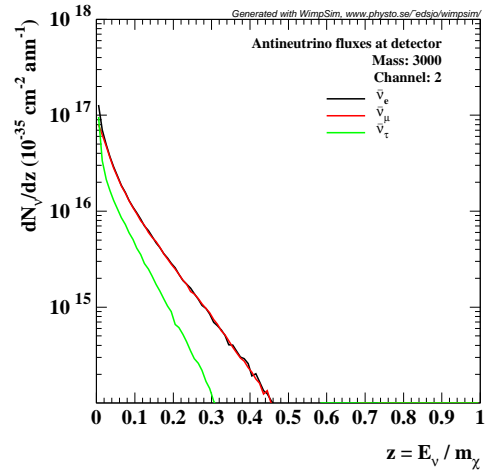
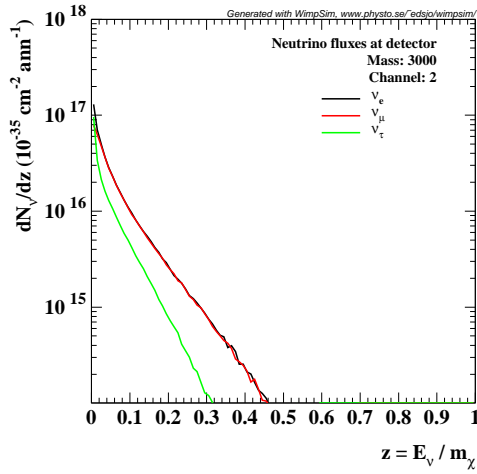
### 17.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



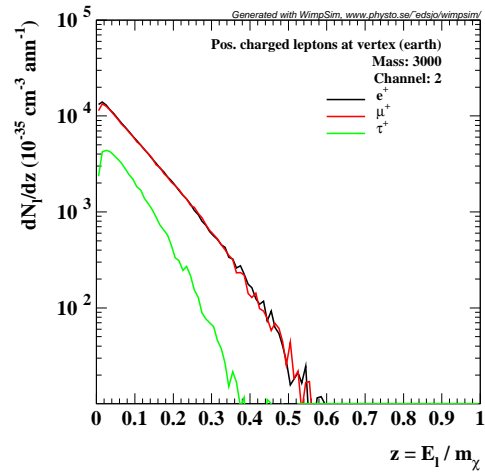
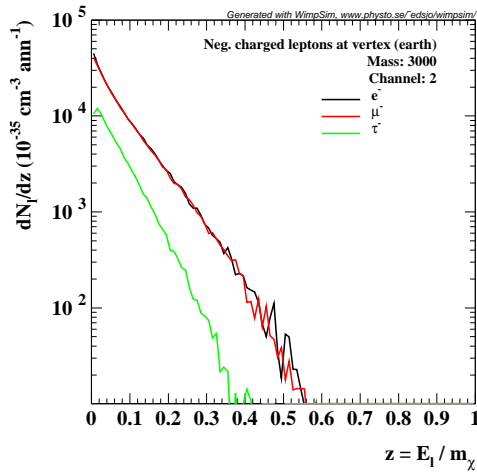
### 17.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



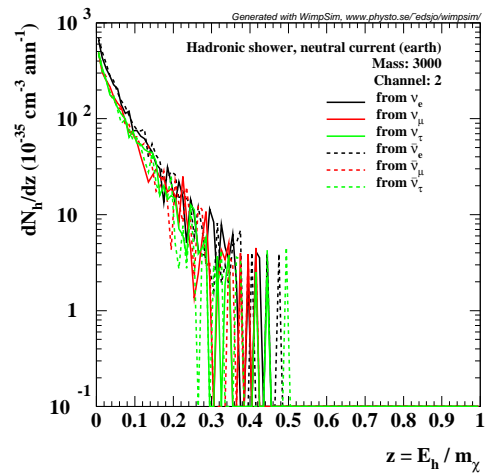
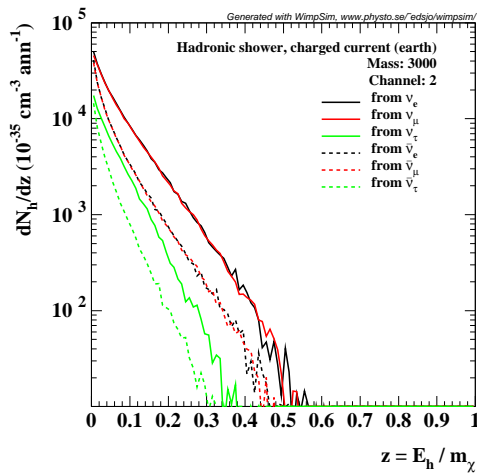
### 17.2.4 Neutrino fluxes at detector (Earth)



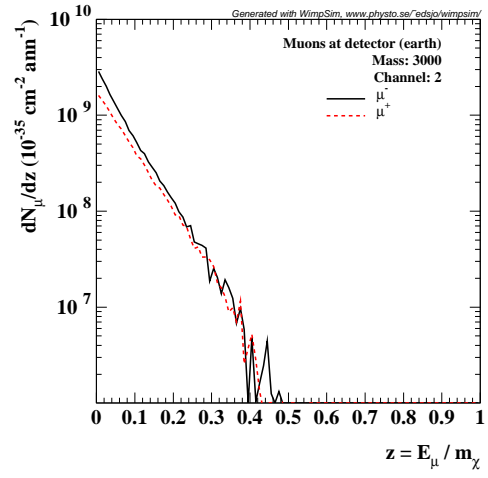
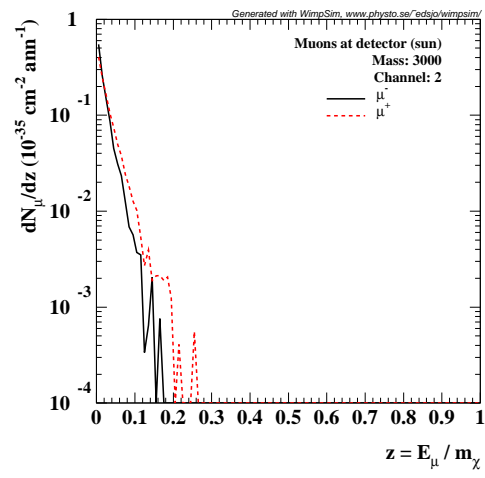
### 17.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 17.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

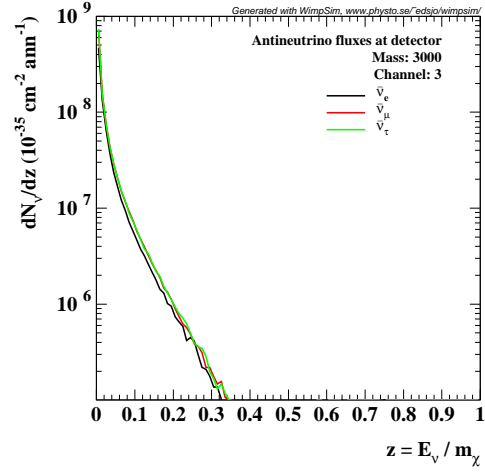
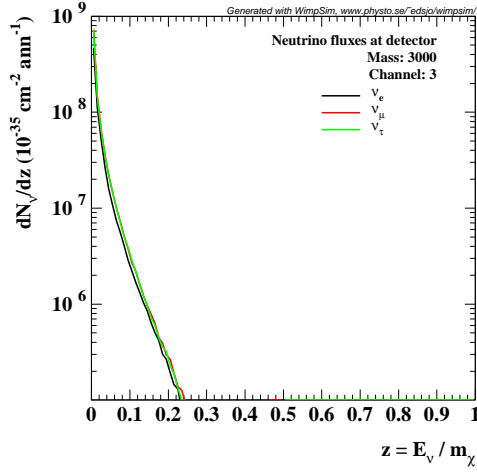


### 17.2.7 Muons at detector (Sun/Earth)

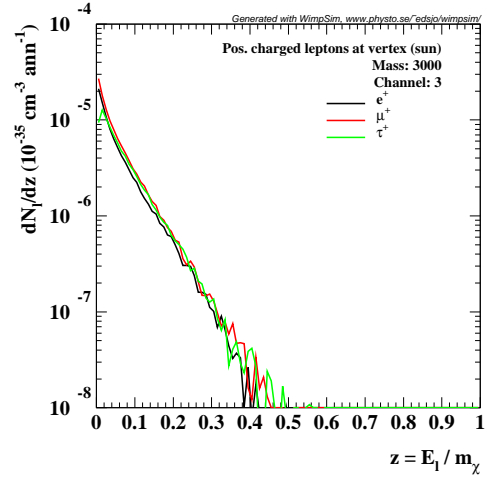
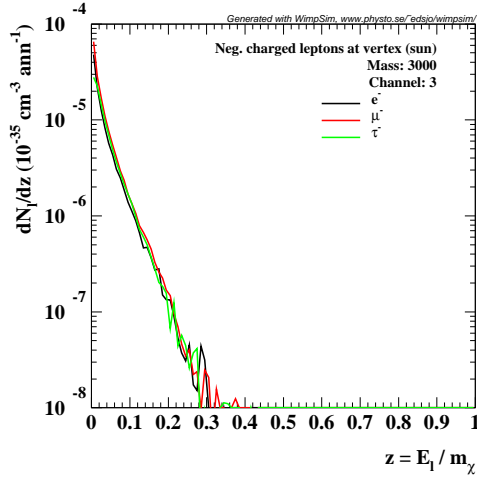


## 17.3 Channel 3 – $t\bar{t}$

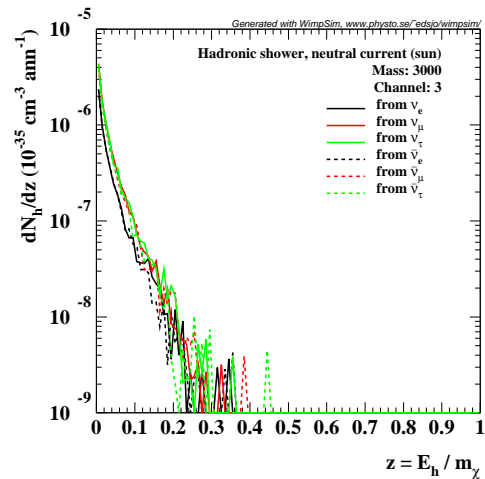
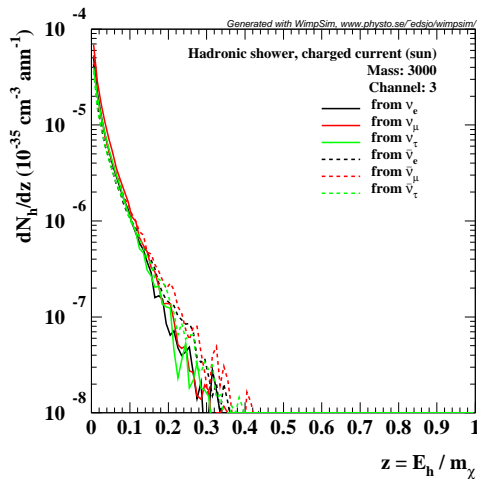
### 17.3.1 Neutrino fluxes at detector (Sun)



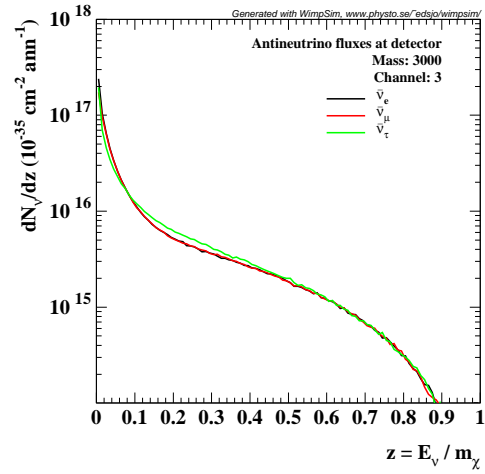
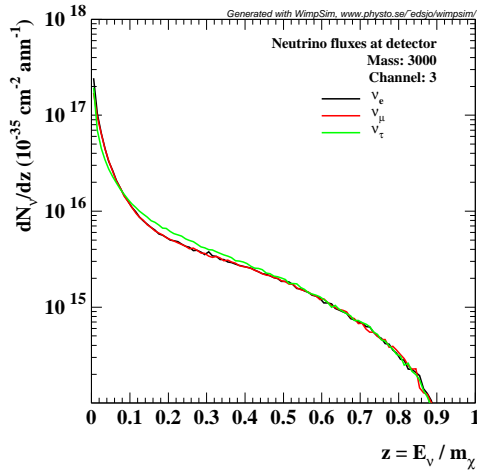
### 17.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



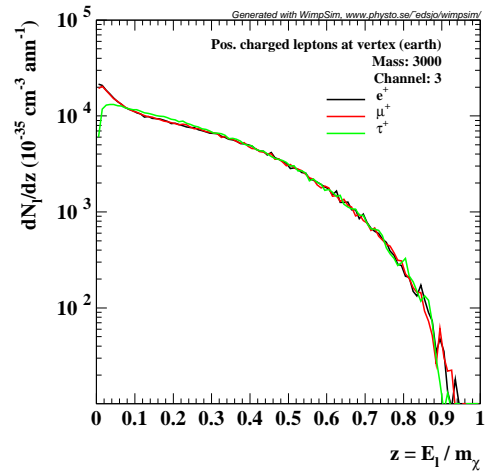
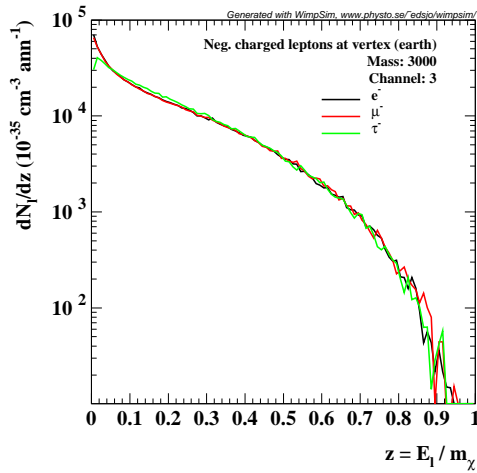
### 17.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



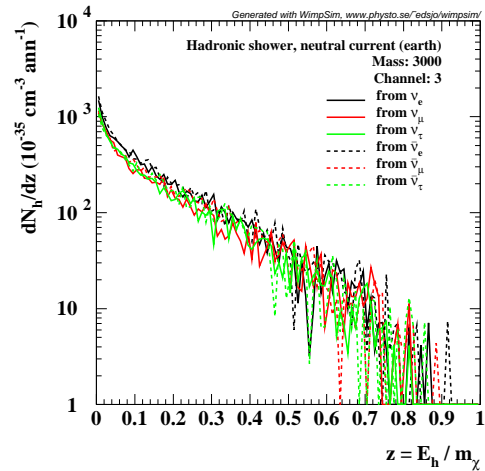
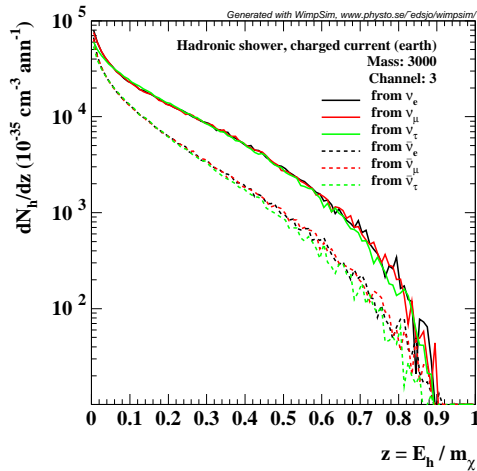
### 17.3.4 Neutrino fluxes at detector (Earth)



### 17.3.5 Charged leptons at neutrino-nucleon vertex (Earth)

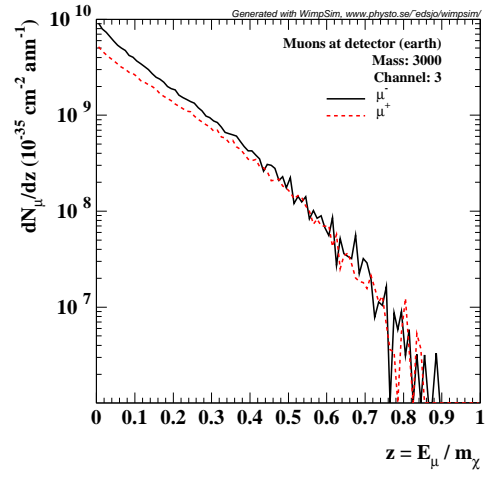
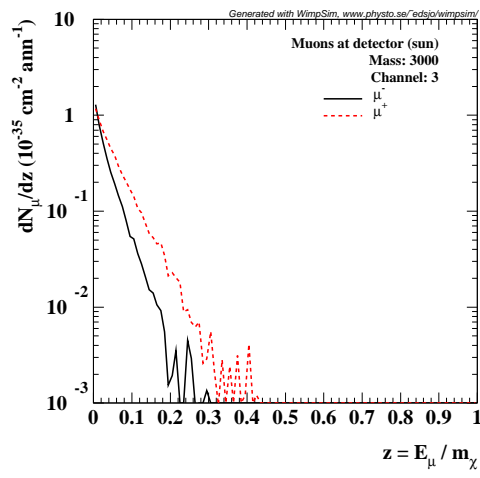


### 17.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)



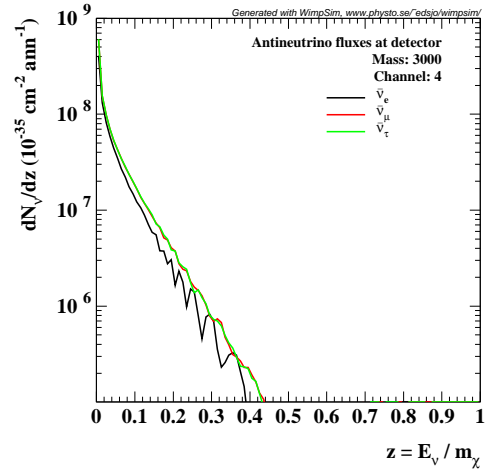
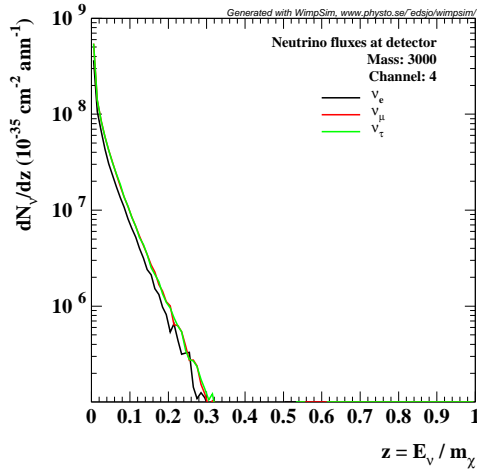


### 17.3.7 Muons at detector (Sun/Earth)

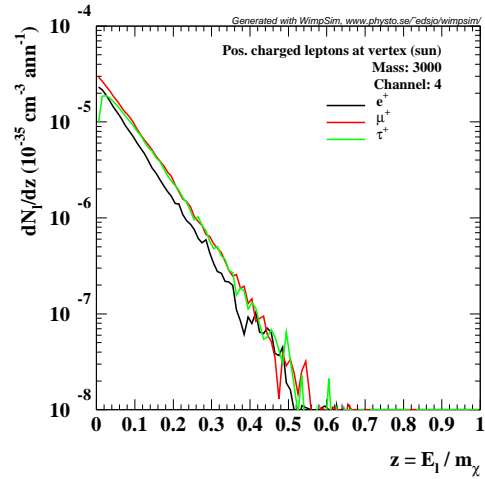
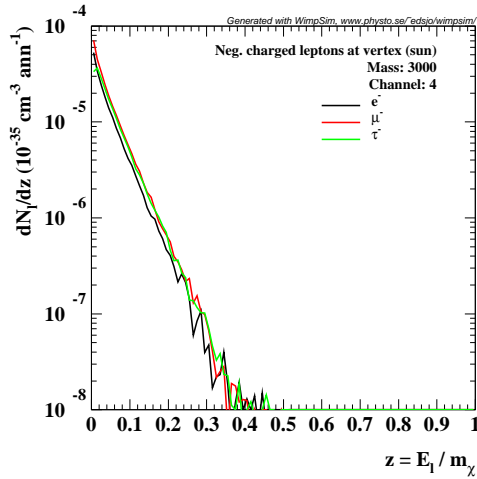


## 17.4 Channel 4 – $\tau^- \tau^+$

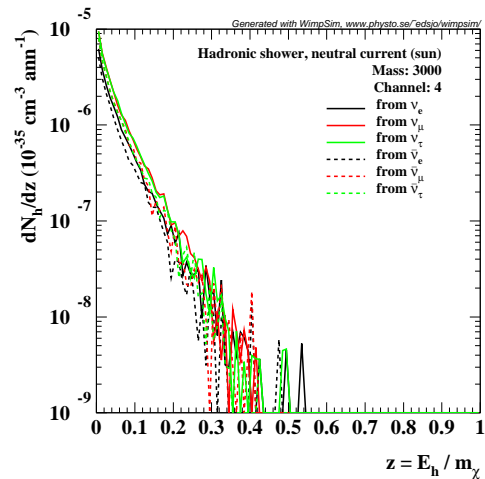
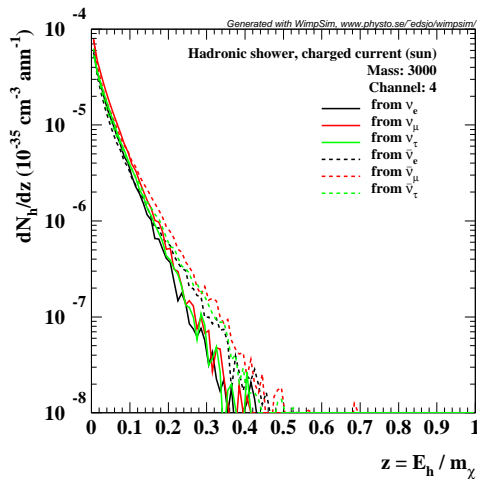
### 17.4.1 Neutrino fluxes at detector (Sun)



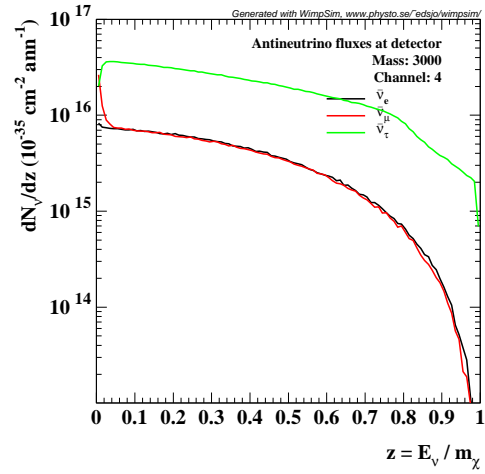
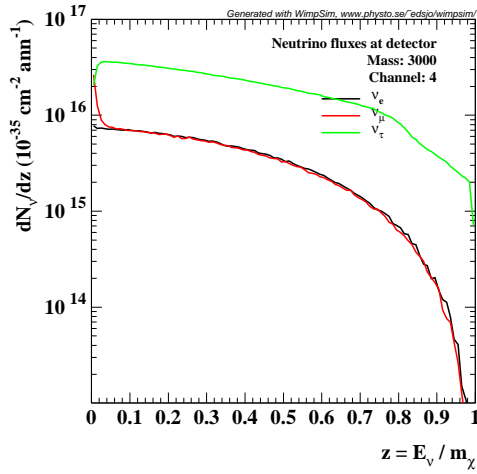
### 17.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



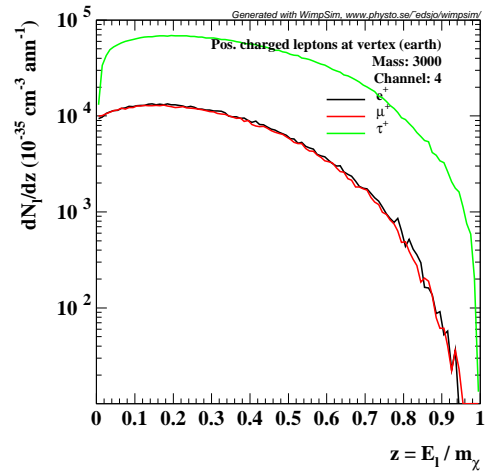
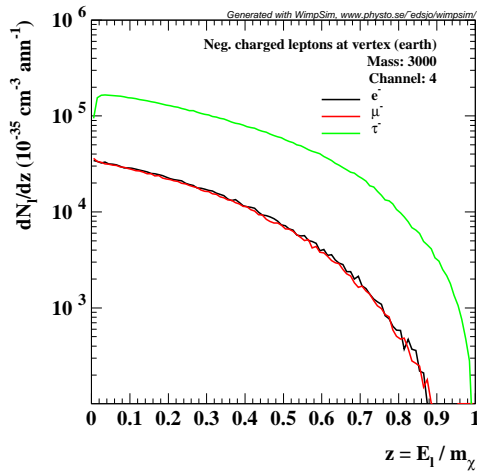
### 17.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



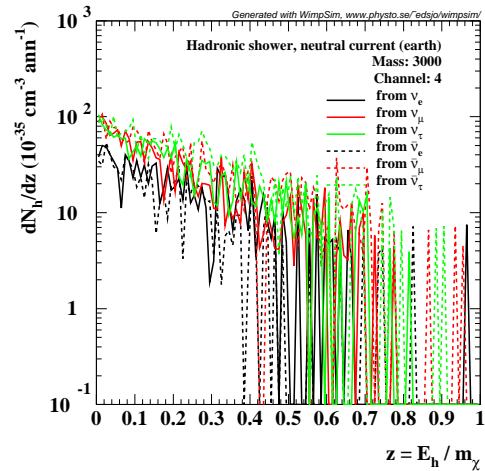
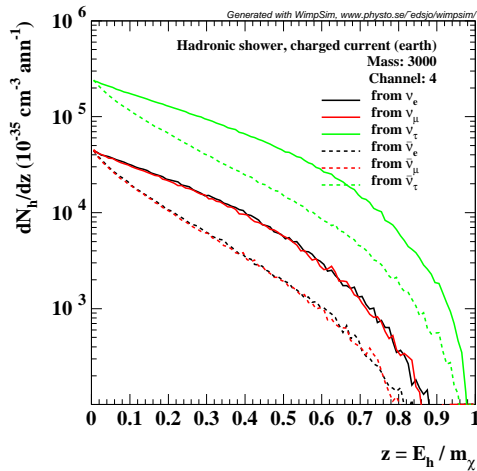
#### 17.4.4 Neutrino fluxes at detector (Earth)



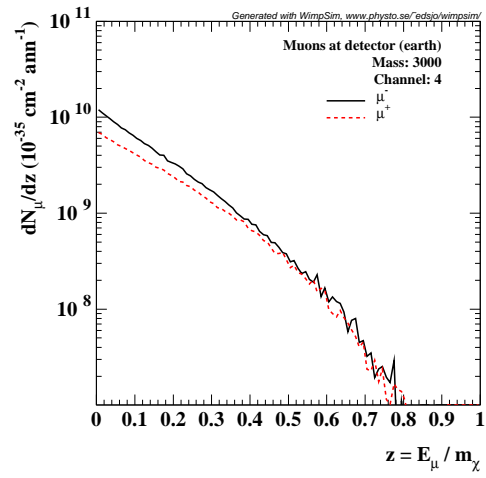
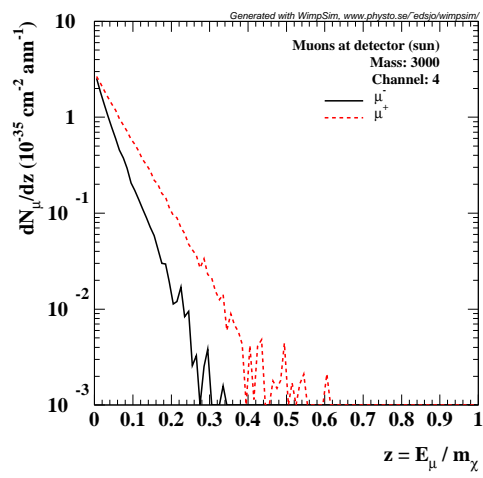
#### 17.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 17.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

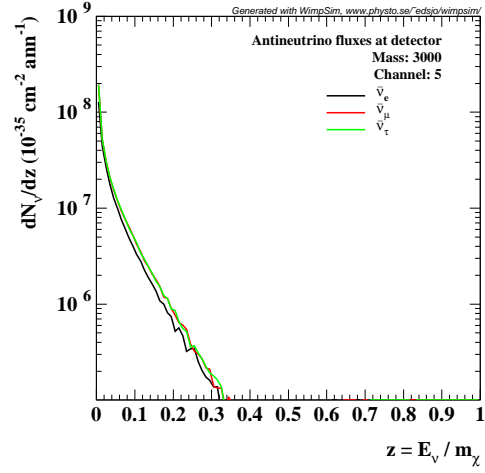
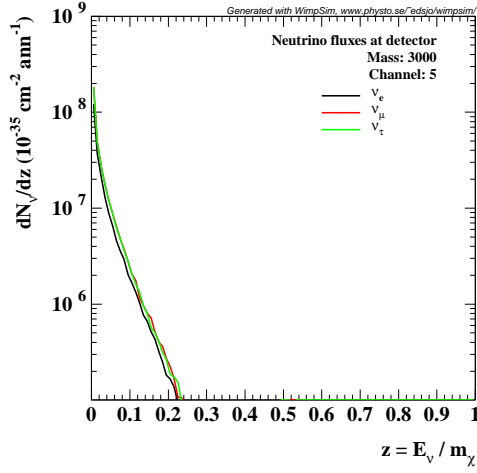


### 17.4.7 Muons at detector (Sun/Earth)

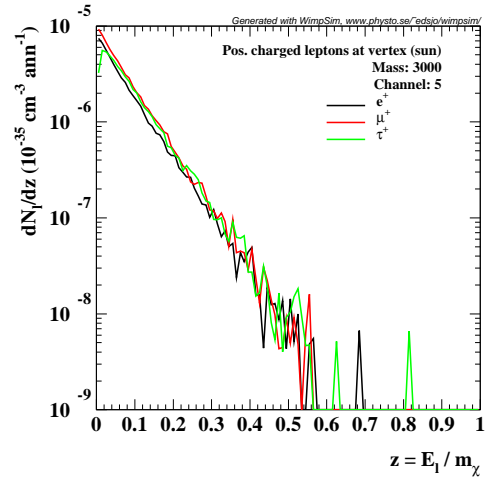
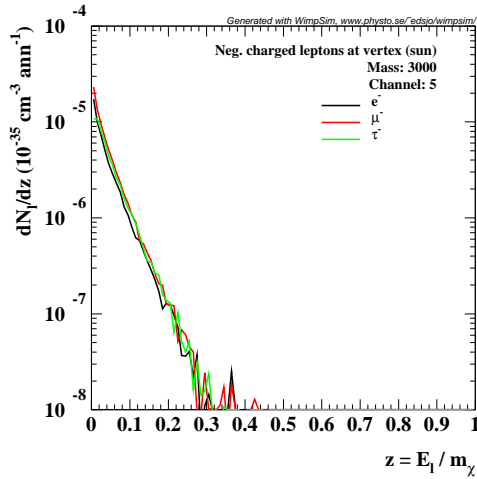


## 17.5 Channel 5 – $W^-W^+$

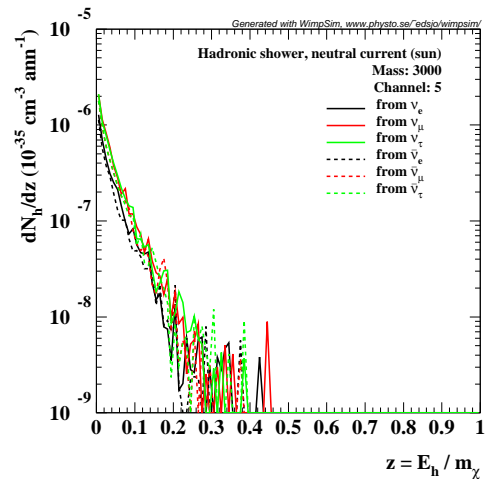
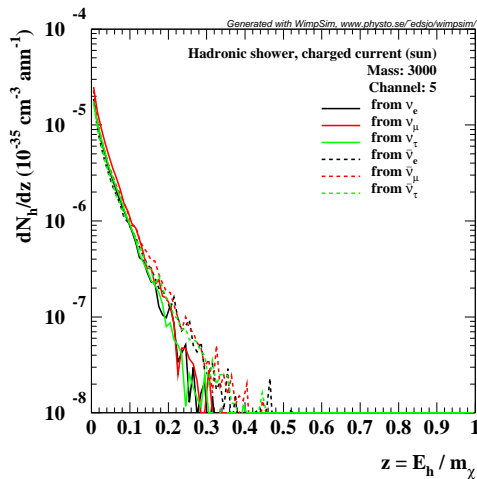
### 17.5.1 Neutrino fluxes at detector (Sun)



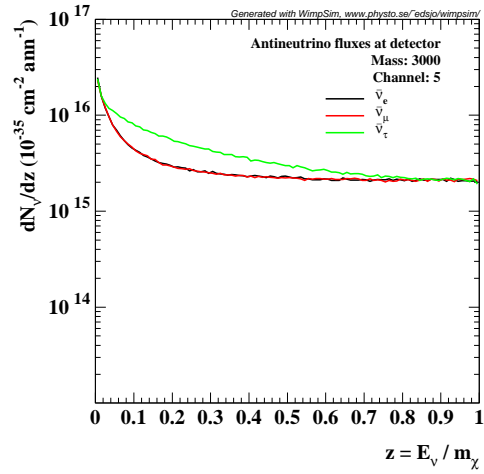
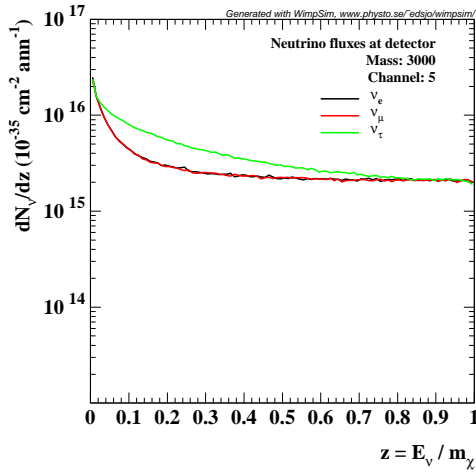
### 17.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



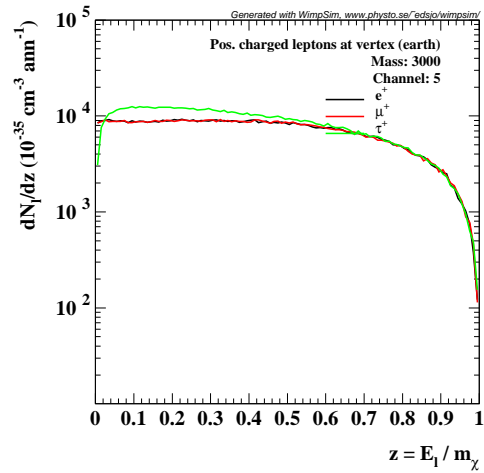
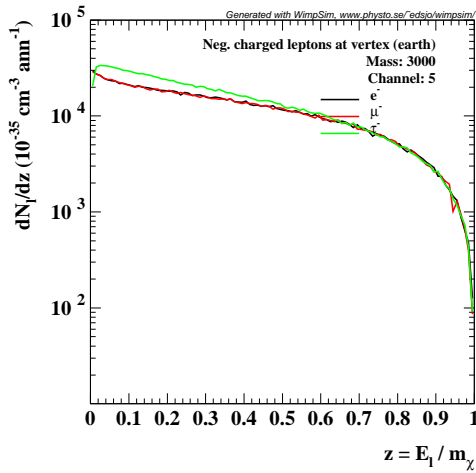
### 17.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



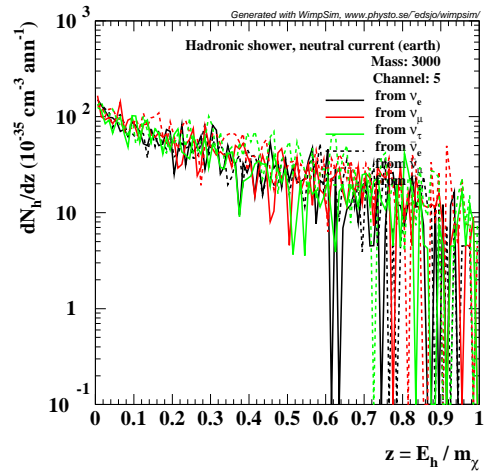
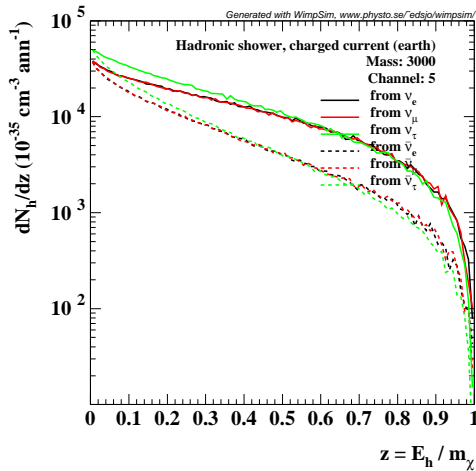
### 17.5.4 Neutrino fluxes at detector (Earth)



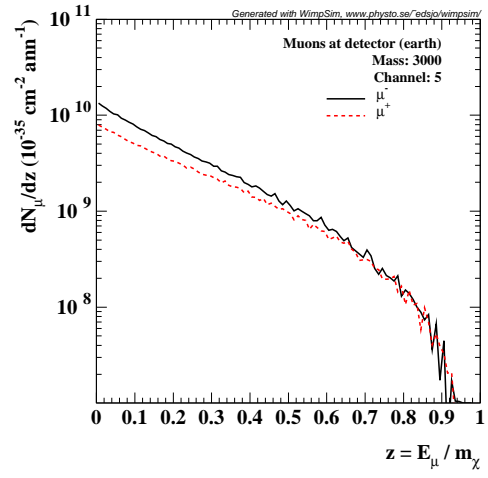
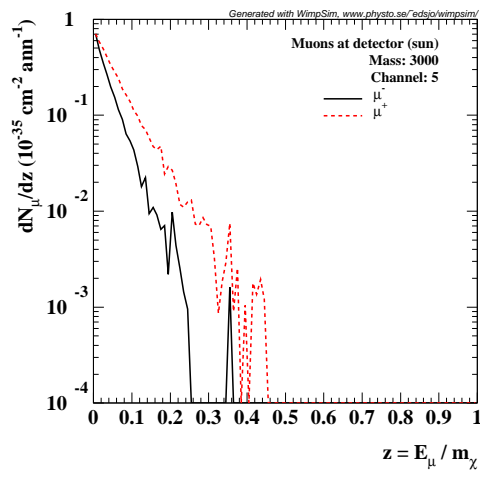
### 17.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 17.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

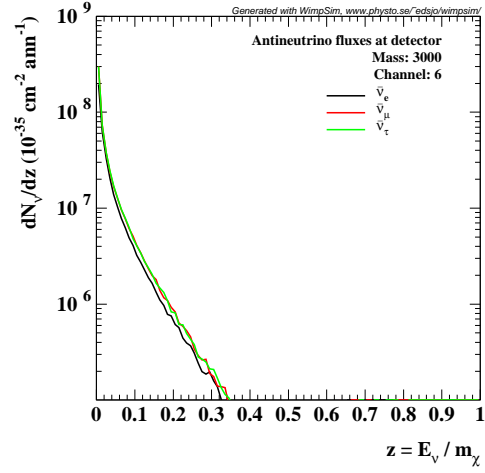
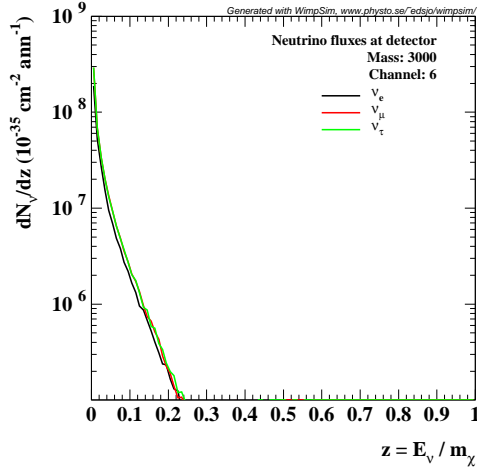


### 17.5.7 Muons at detector (Sun/Earth)

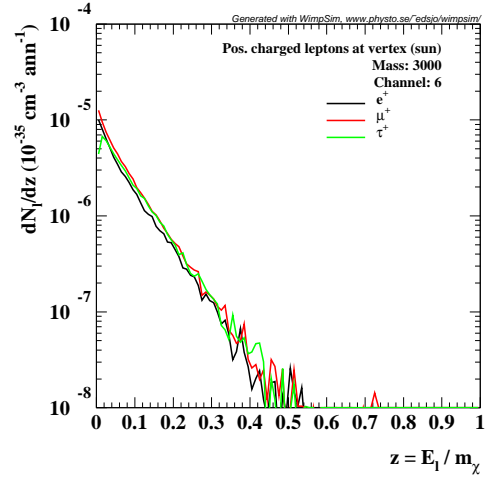
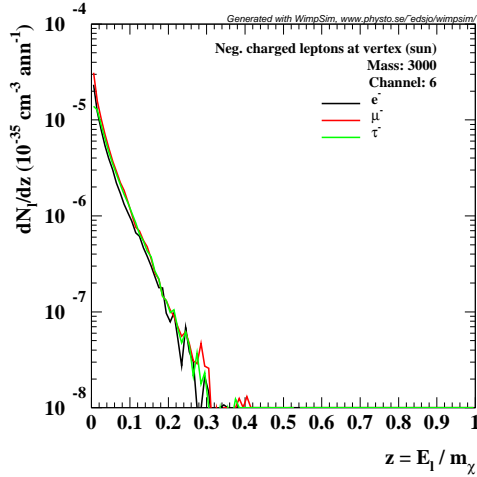


## 17.6 Channel 6 – $Z^0 Z^0$

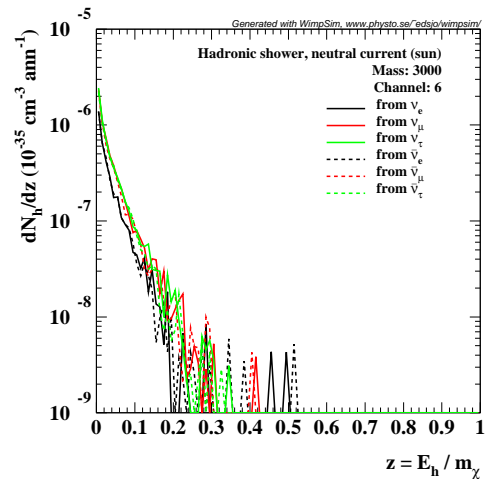
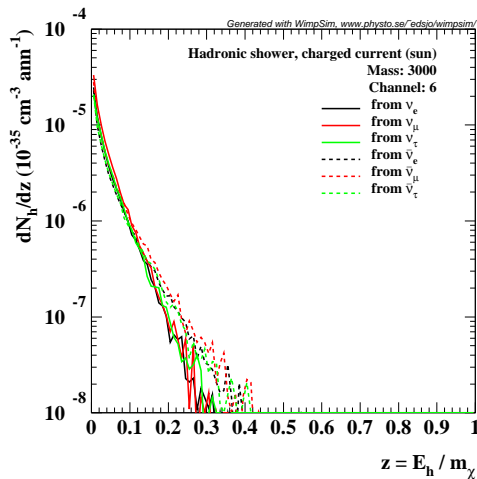
### 17.6.1 Neutrino fluxes at detector (Sun)



### 17.6.2 Charged leptons at neutrino-nucleon vertex (Sun)

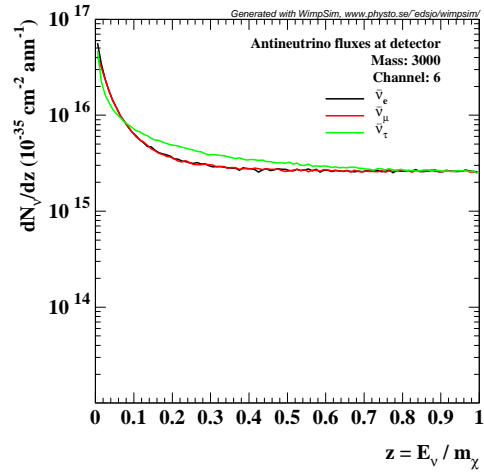
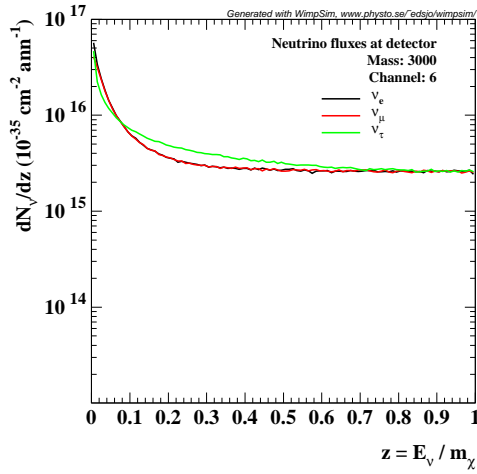


### 17.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)

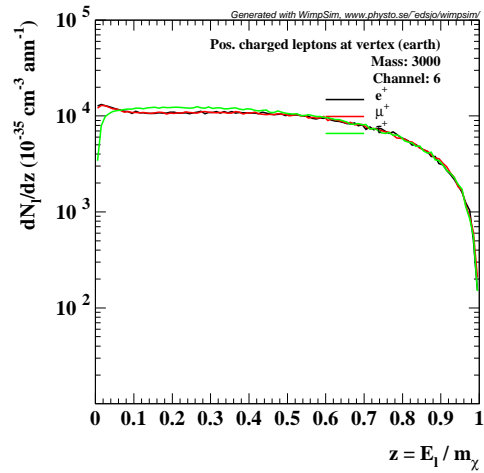
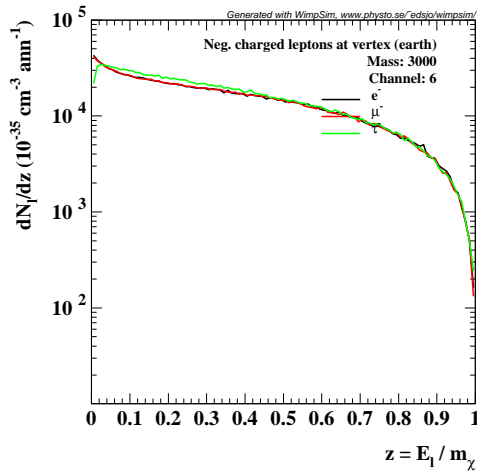




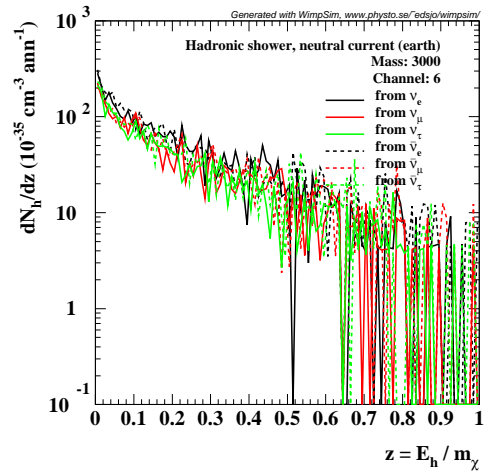
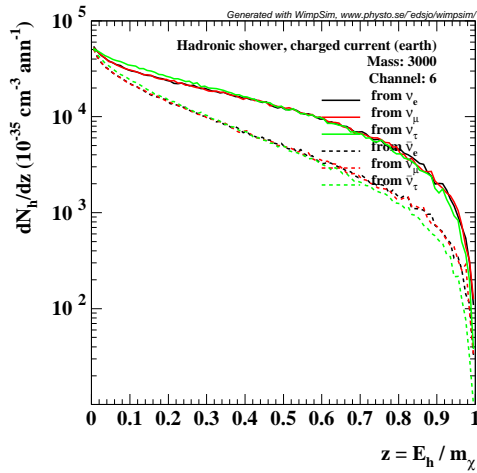
### 17.6.4 Neutrino fluxes at detector (Earth)



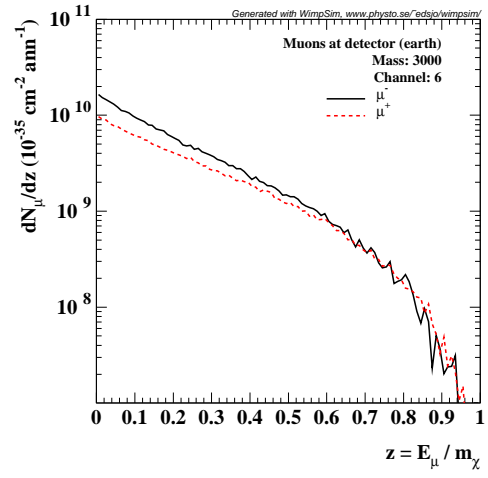
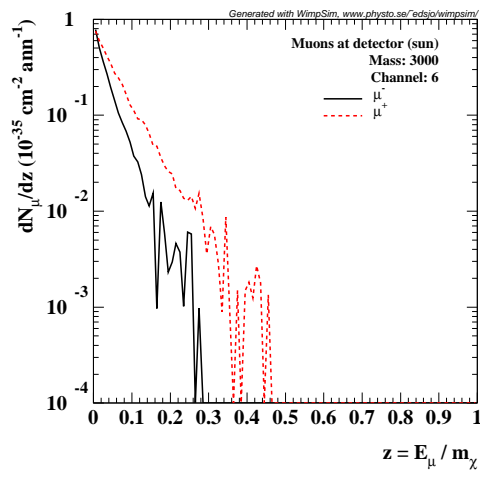
### 17.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 17.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

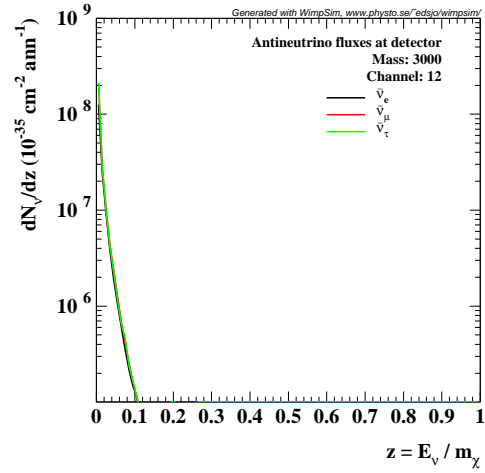
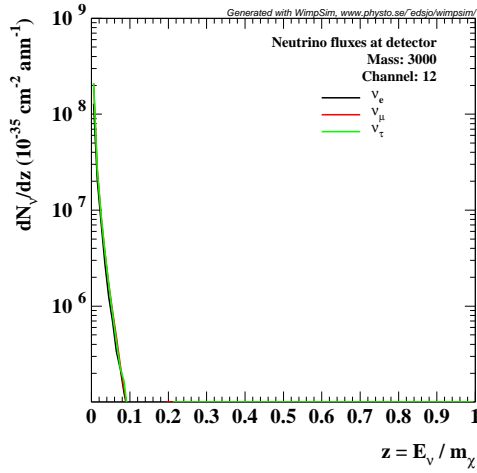


### 17.6.7 Muons at detector (Sun/Earth)

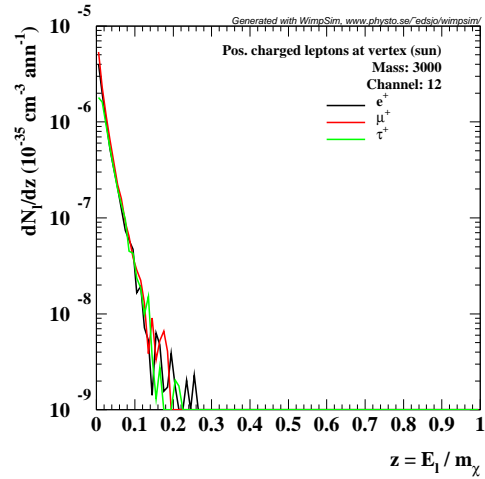
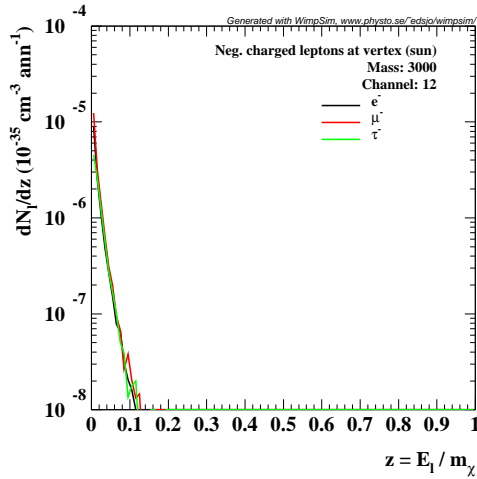


## 17.7 Channel 12 – $gg$

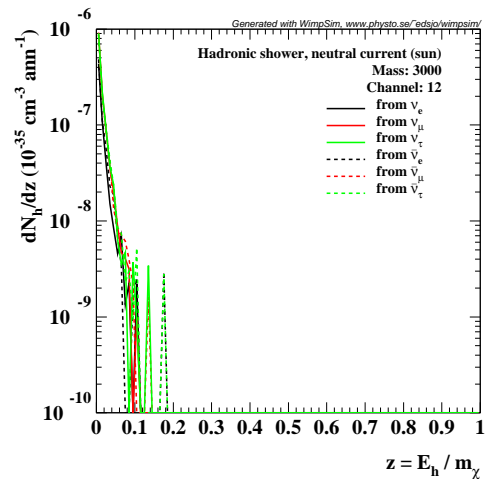
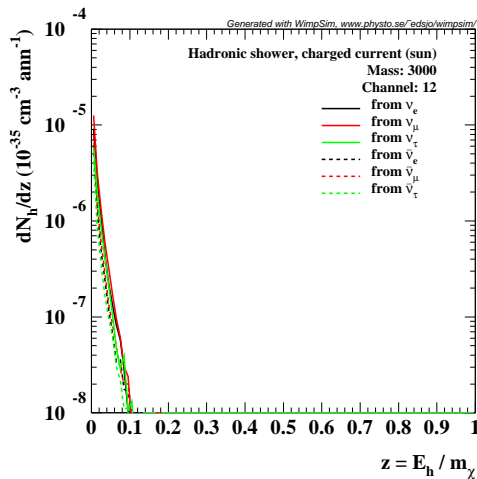
### 17.7.1 Neutrino fluxes at detector (Sun)



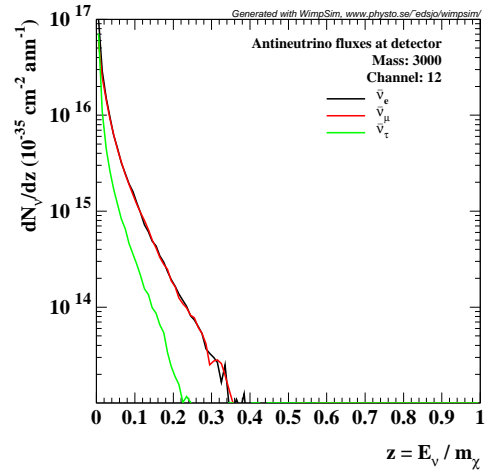
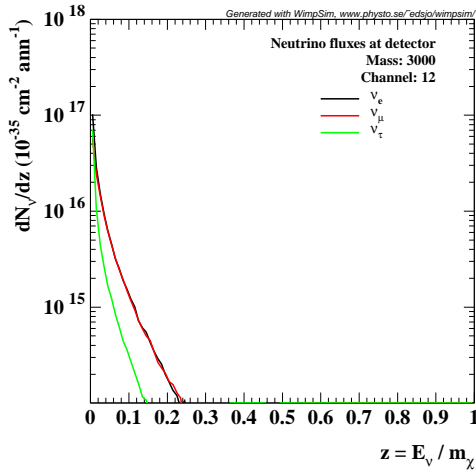
### 17.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



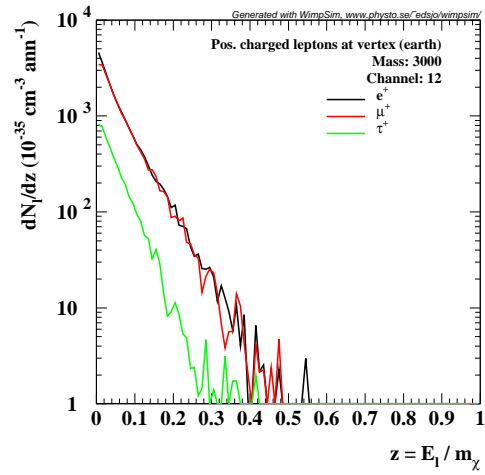
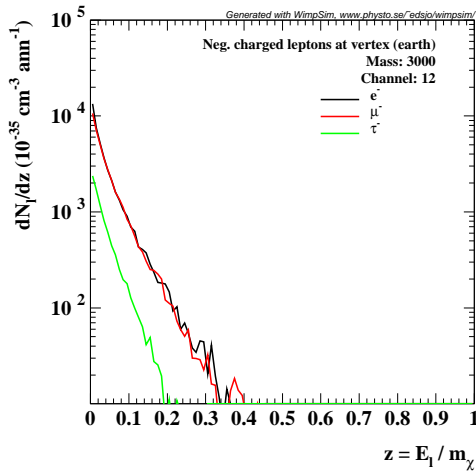
### 17.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



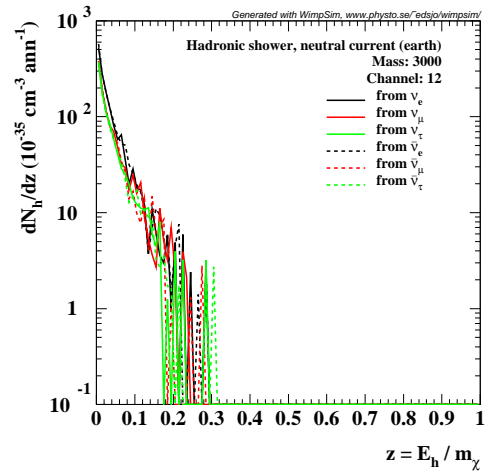
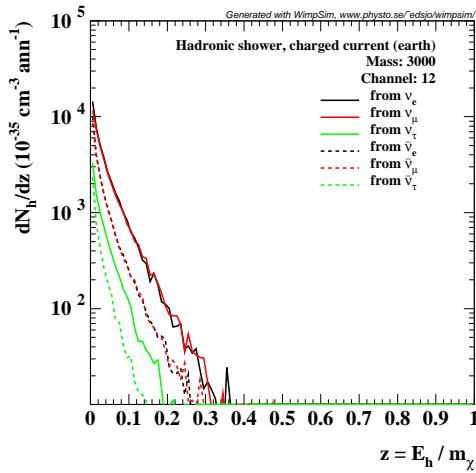
### 17.7.4 Neutrino fluxes at detector (Earth)



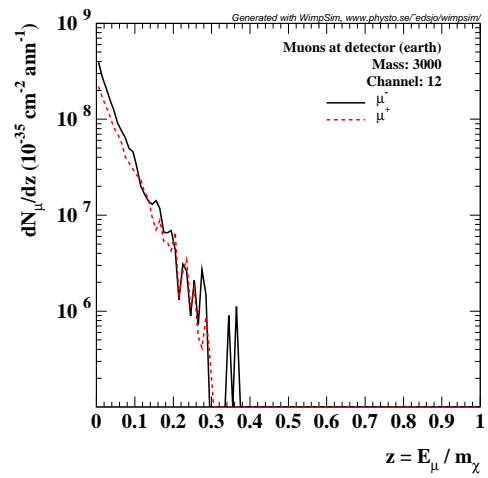
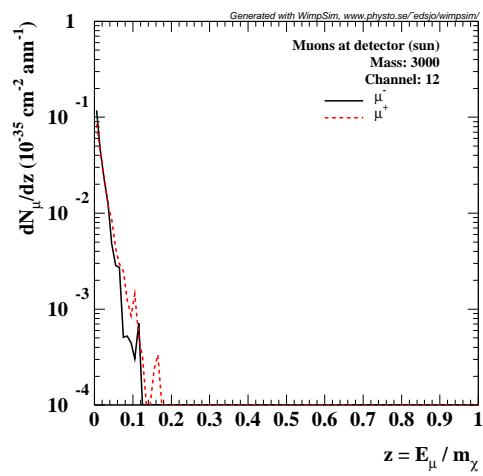
### 17.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 17.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)

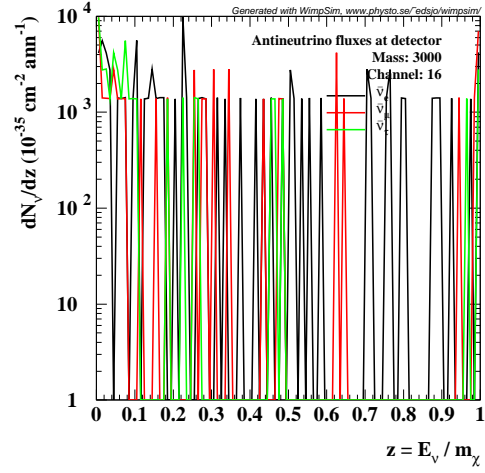
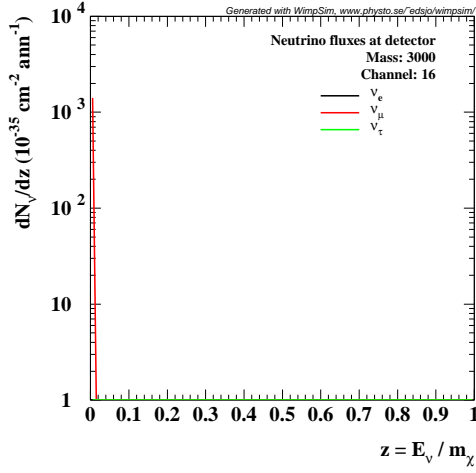


### 17.7.7 Muons at detector (Sun/Earth)

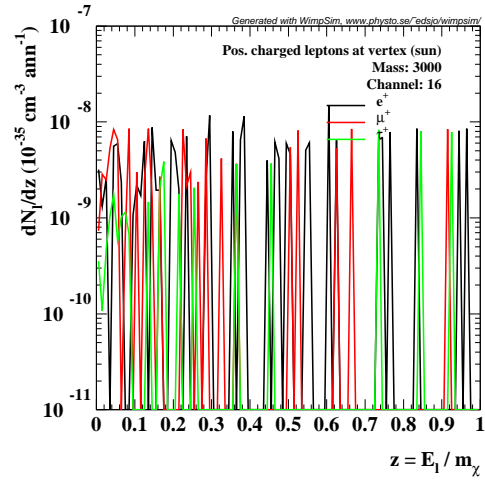
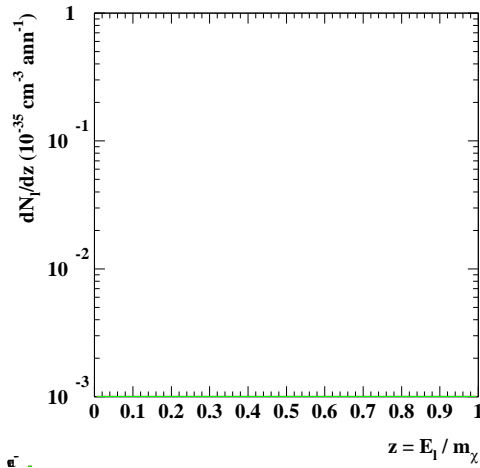


## 17.8 Channel 16 – $\nu_e \bar{\nu}_e$

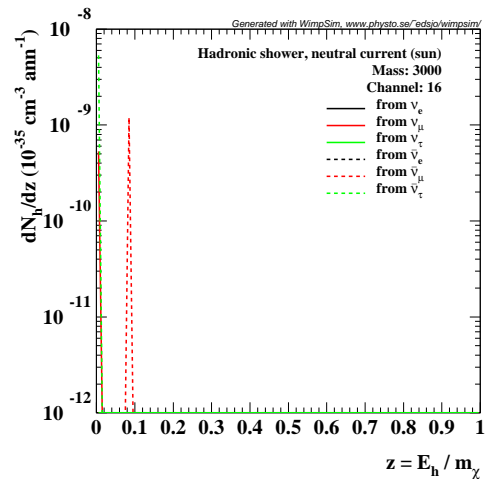
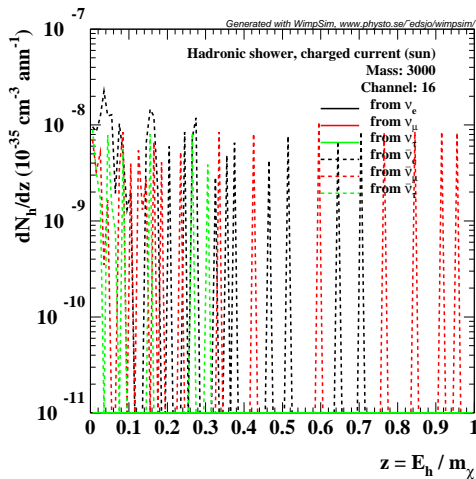
### 17.8.1 Neutrino fluxes at detector (Sun)



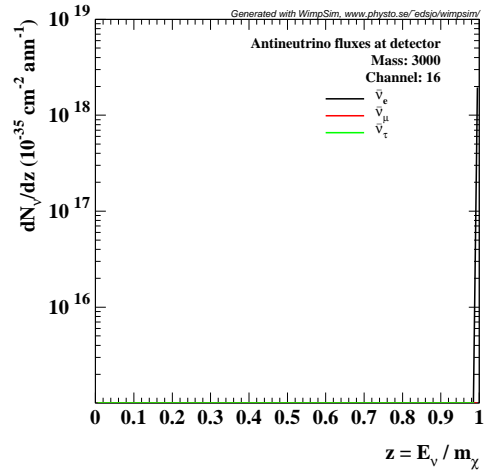
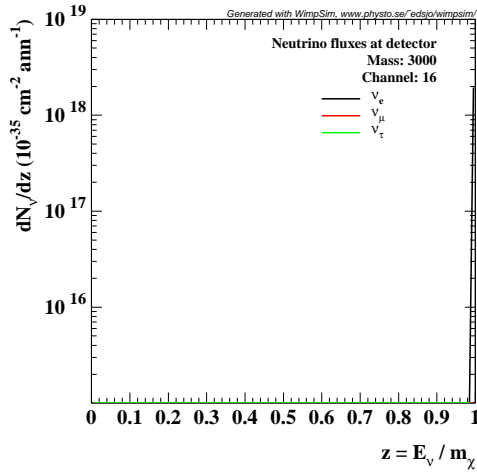
### 17.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



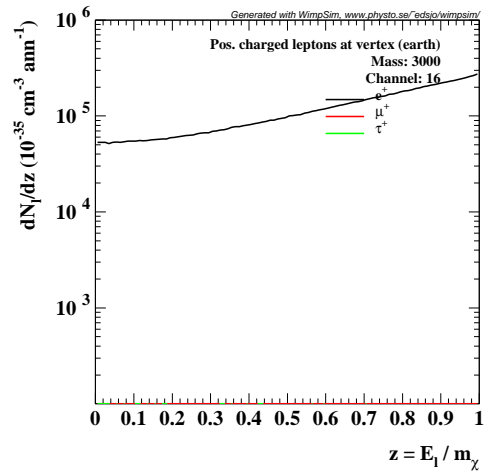
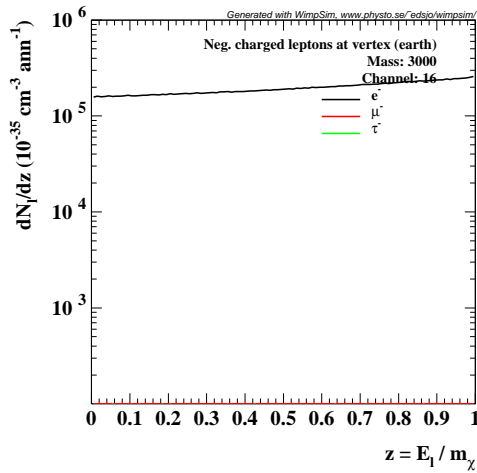
### 17.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



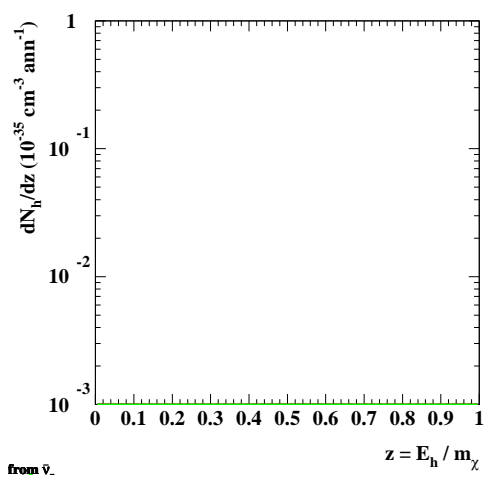
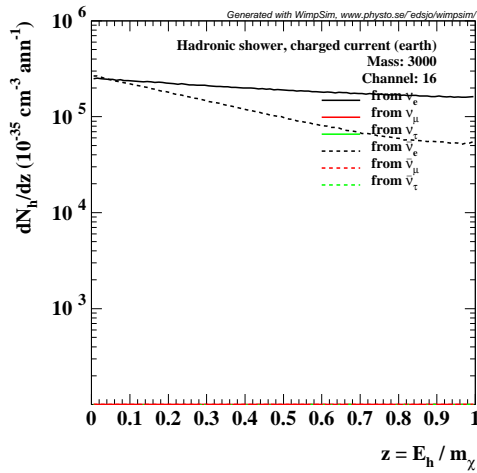
### 17.8.4 Neutrino fluxes at detector (Earth)



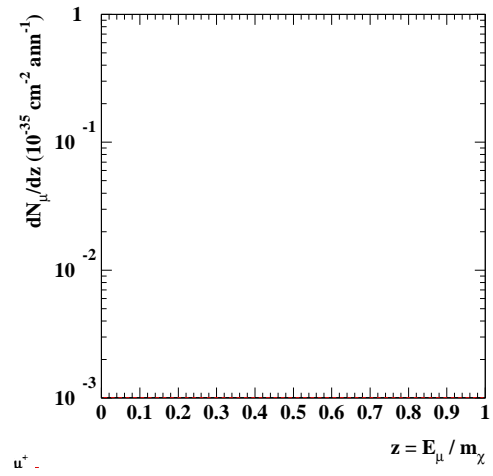
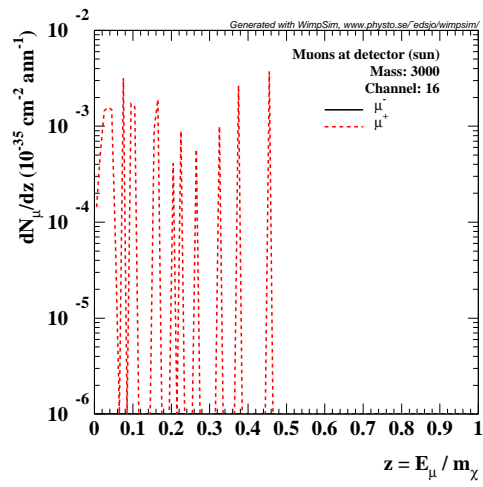
### 17.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 17.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)



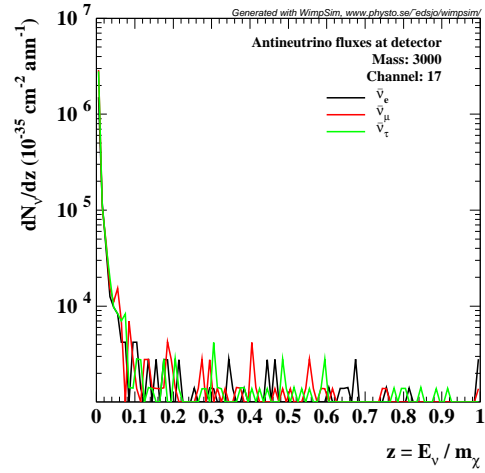
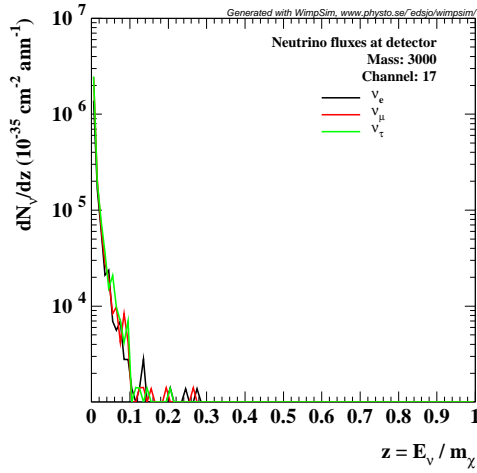
### 17.8.7 Muons at detector (Sun/Earth)



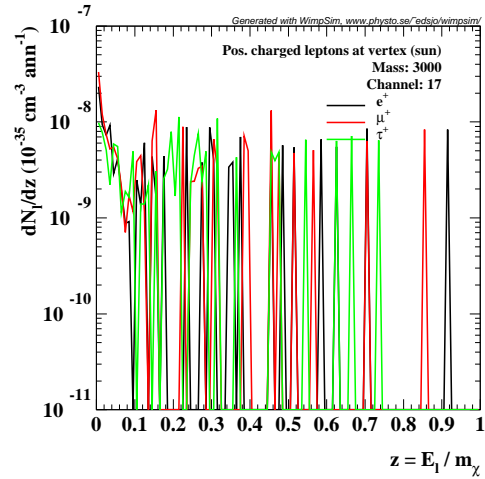
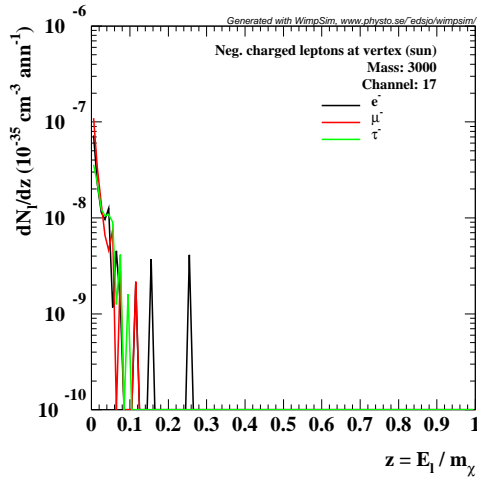


## 17.9 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

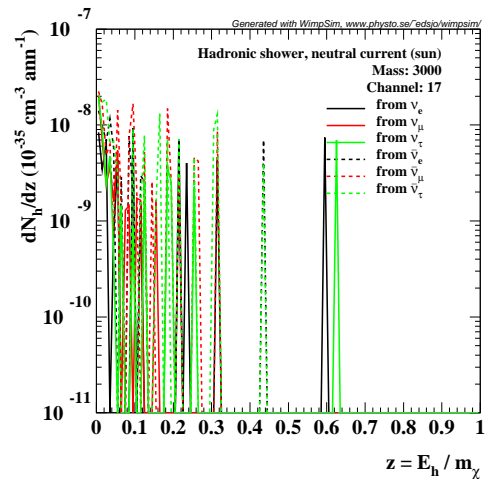
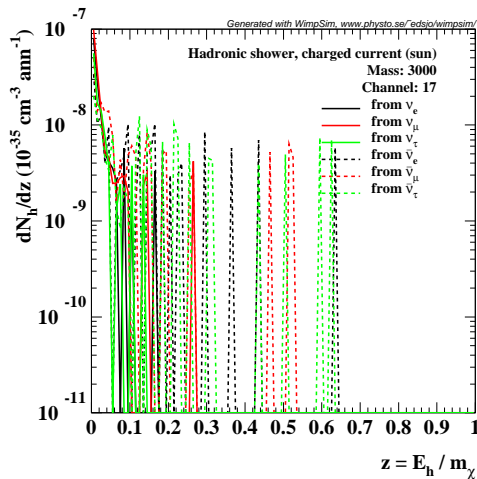
### 17.9.1 Neutrino fluxes at detector (Sun)



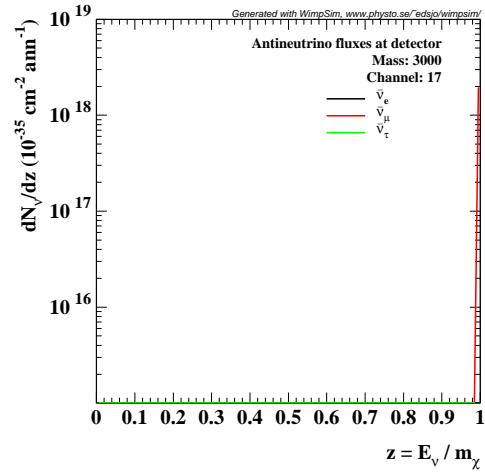
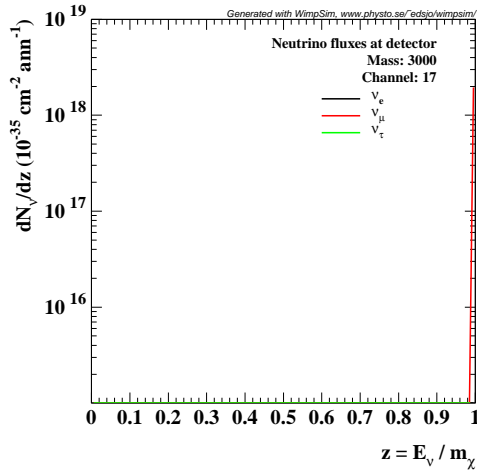
### 17.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



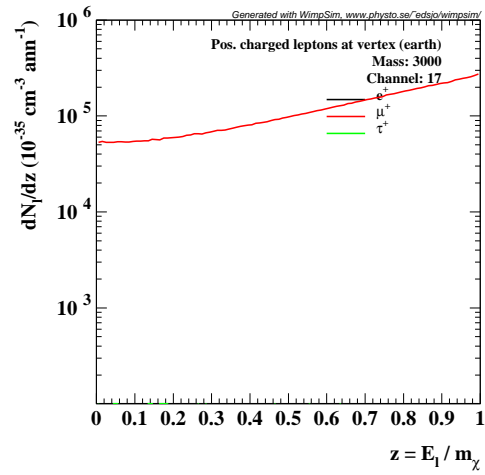
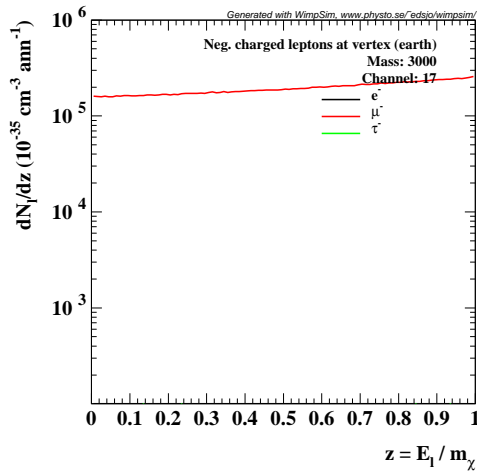
### 17.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



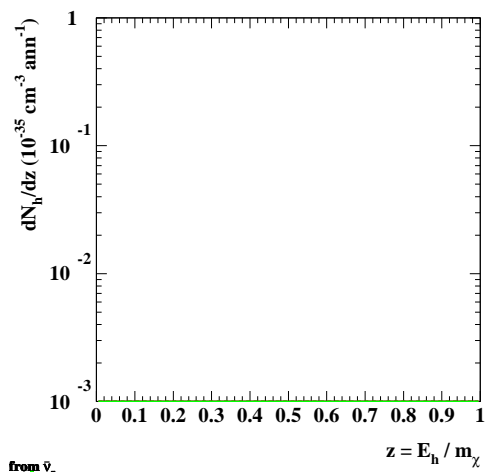
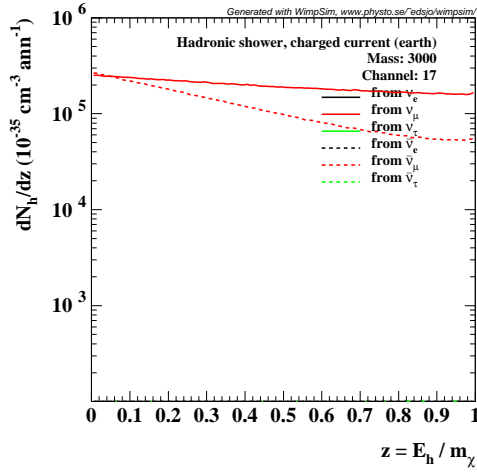
### 17.9.4 Neutrino fluxes at detector (Earth)



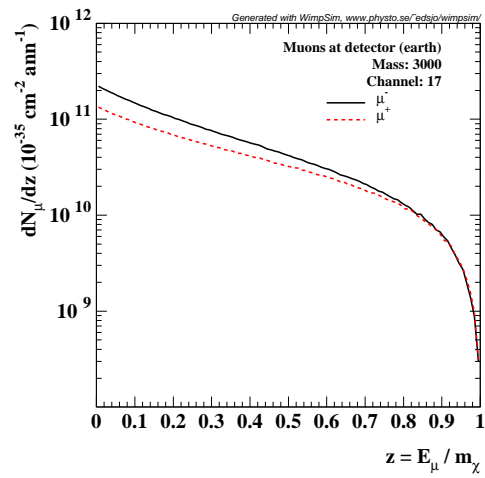
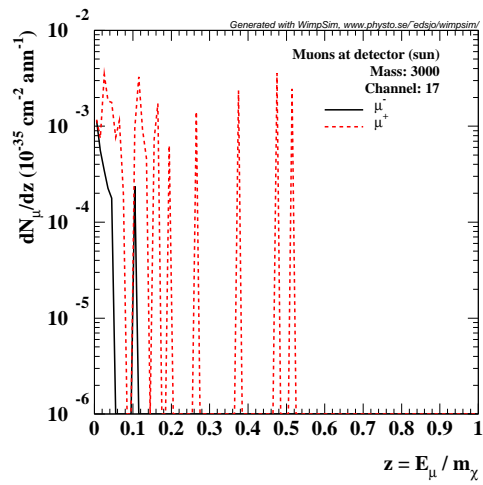
### 17.9.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 17.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)

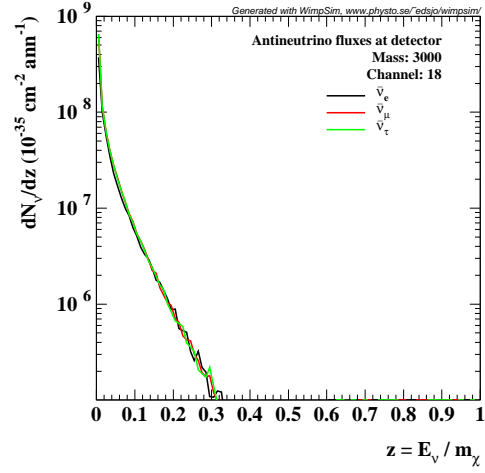
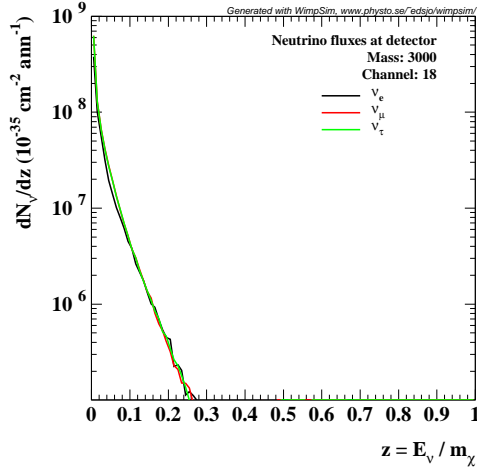


### 17.9.7 Muons at detector (Sun/Earth)

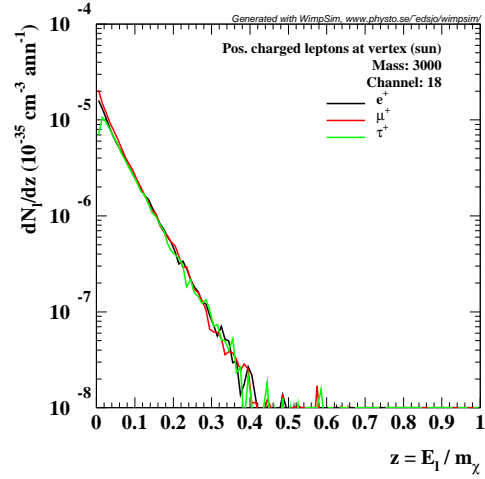
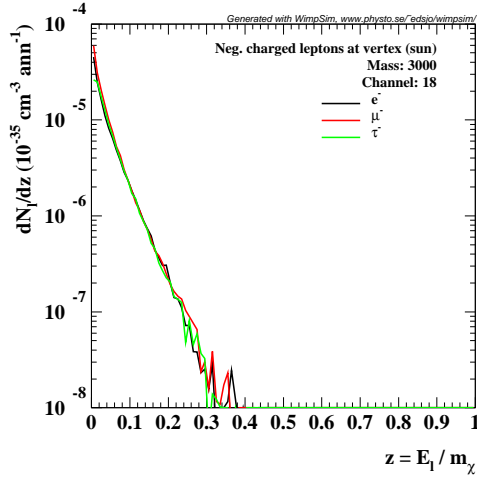


## 17.10 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

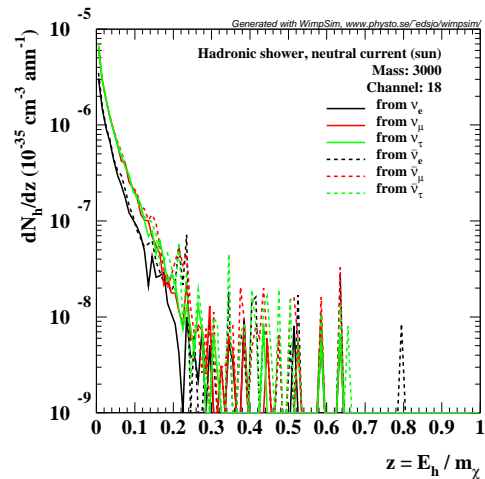
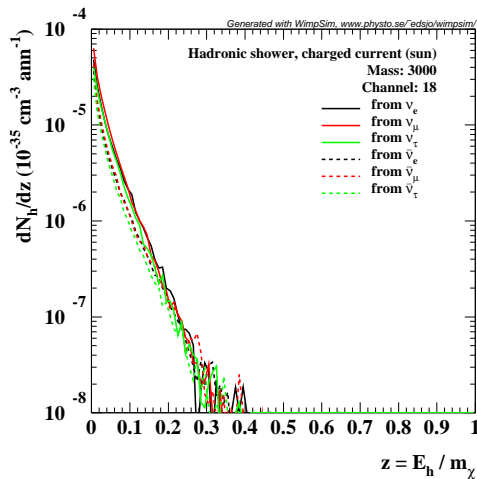
### 17.10.1 Neutrino fluxes at detector (Sun)



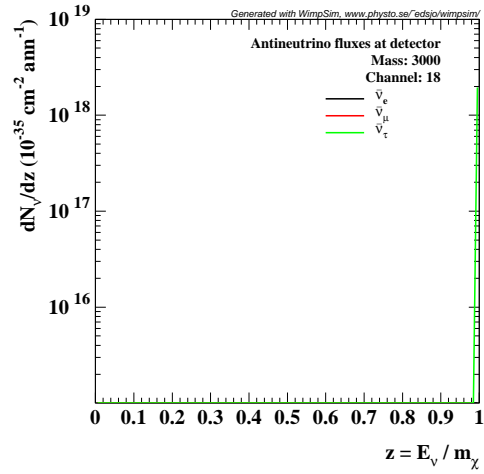
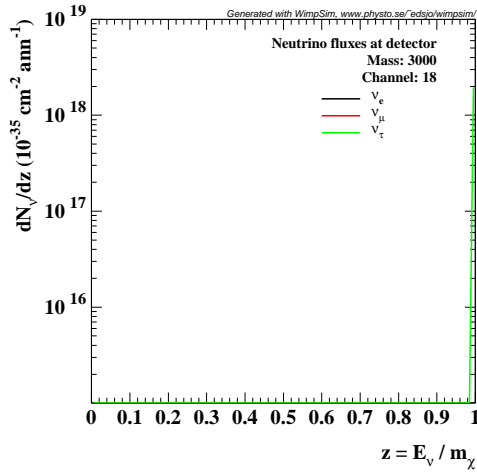
### 17.10.2 Charged leptons at neutrino-nucleon vertex (Sun)



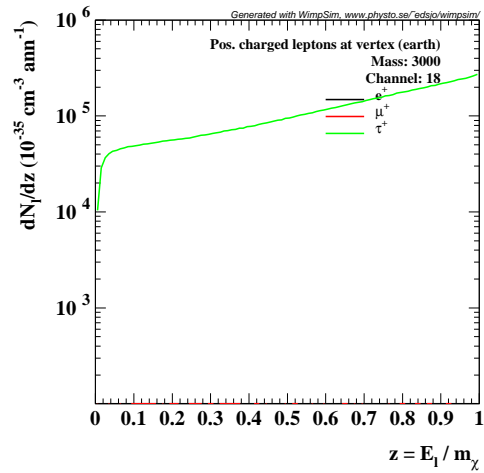
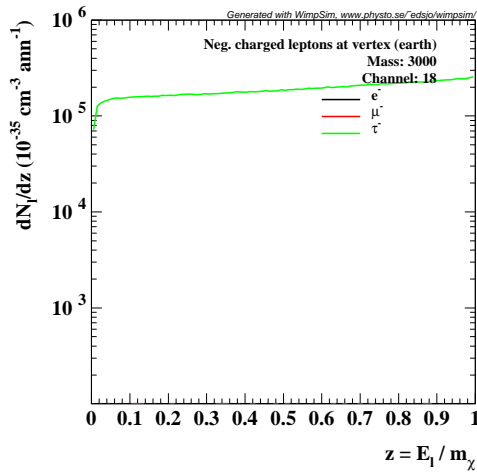
### 17.10.3 Hadronic shower at neutrino-nucleon vertex (Sun)



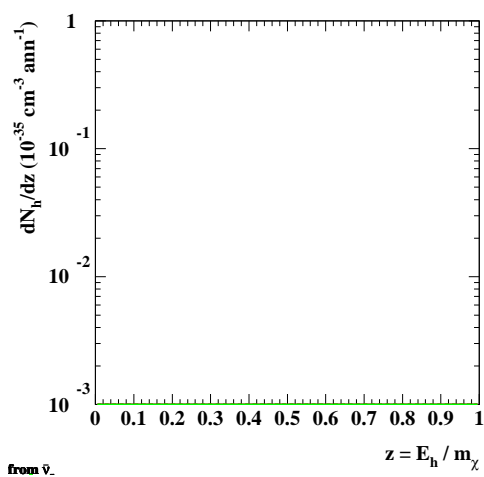
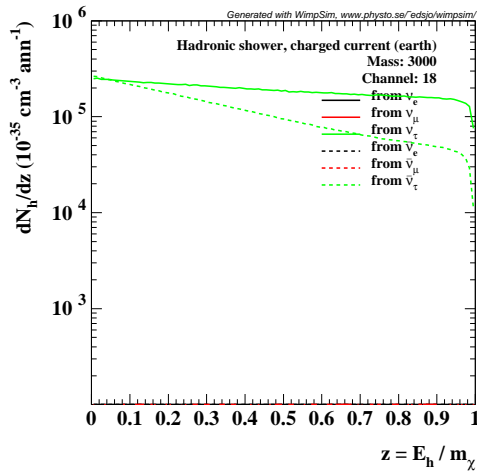
### 17.10.4 Neutrino fluxes at detector (Earth)



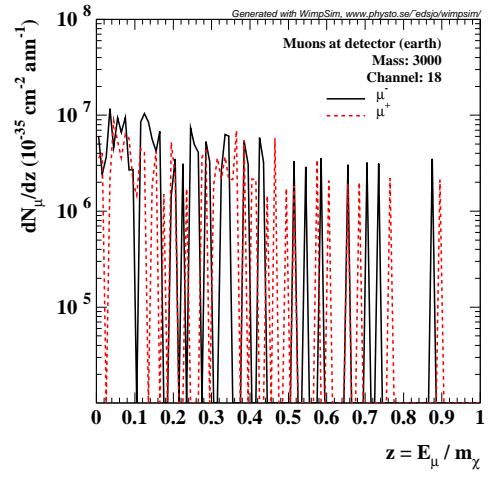
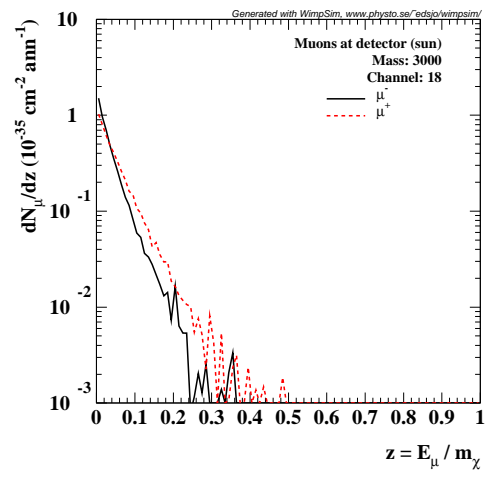
### 17.10.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 17.10.6 Hadronic shower at neutrino-nucleon vertex (Earth)



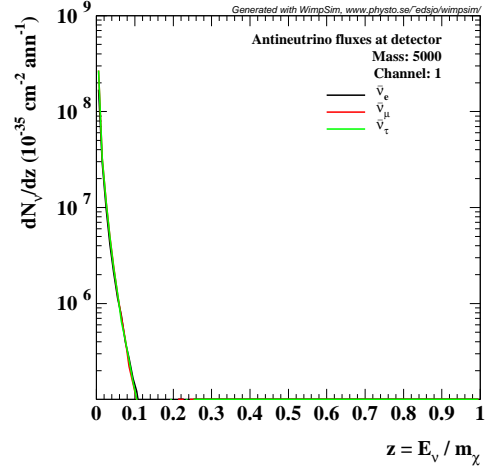
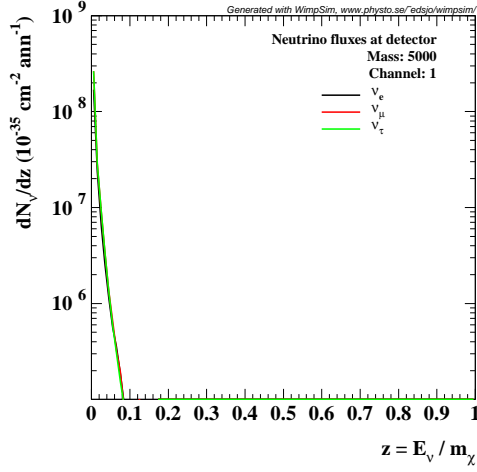
### 17.10.7 Muons at detector (Sun/Earth)



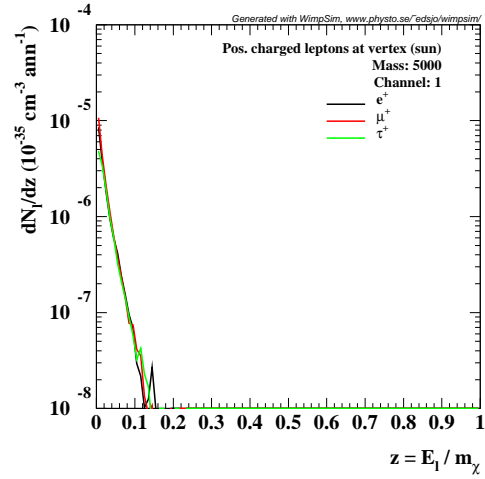
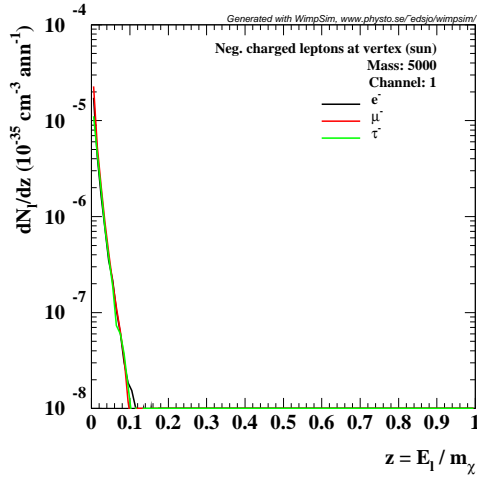
## 18 Mass 5000

### 18.1 Channel 1 – $c\bar{c}$

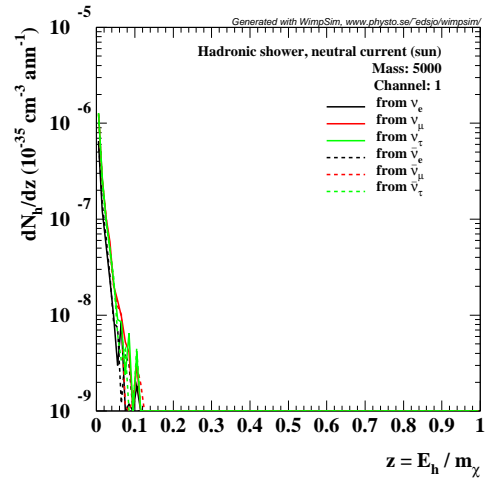
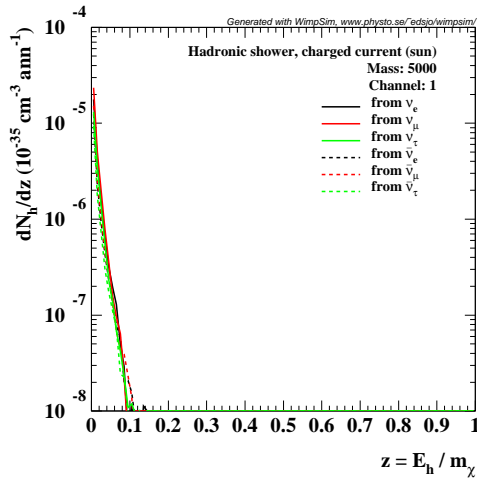
#### 18.1.1 Neutrino fluxes at detector (Sun)



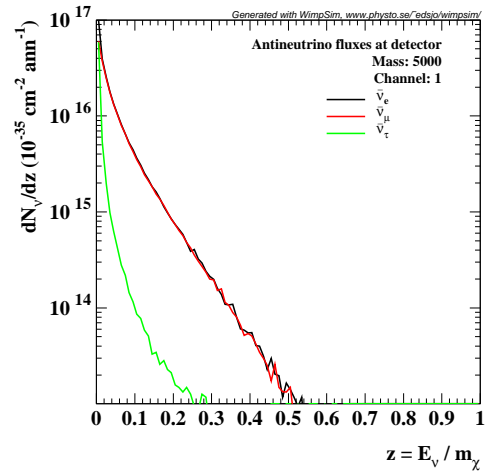
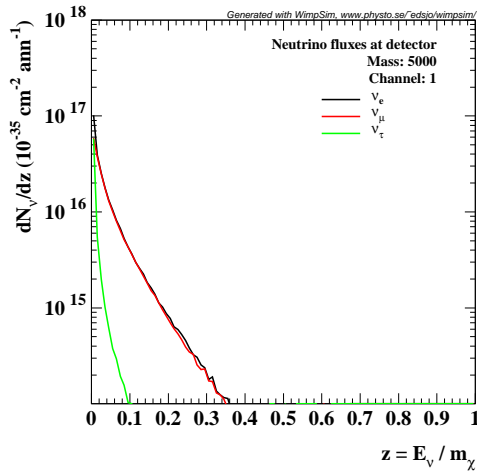
#### 18.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



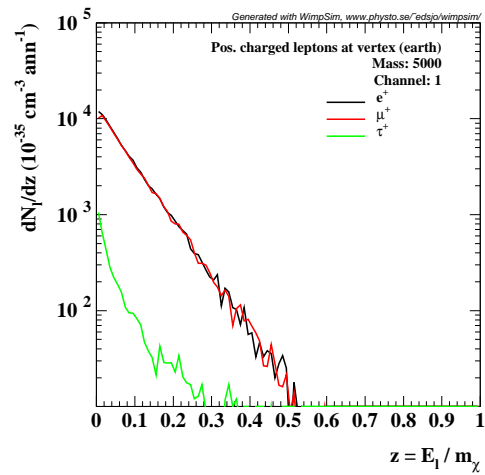
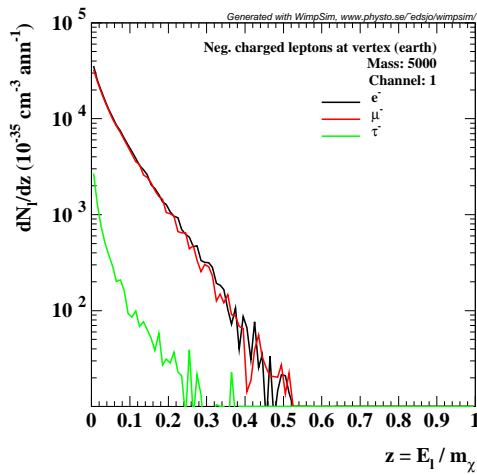
### 18.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



### 18.1.4 Neutrino fluxes at detector (Earth)

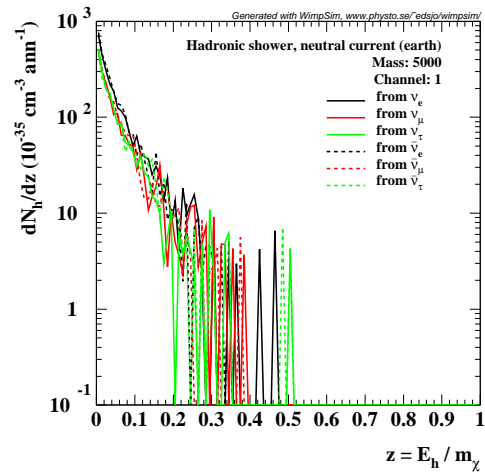
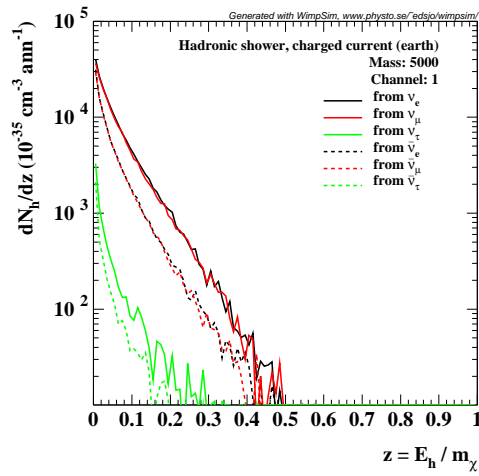


### 18.1.5 Charged leptons at neutrino-nucleon vertex (Earth)

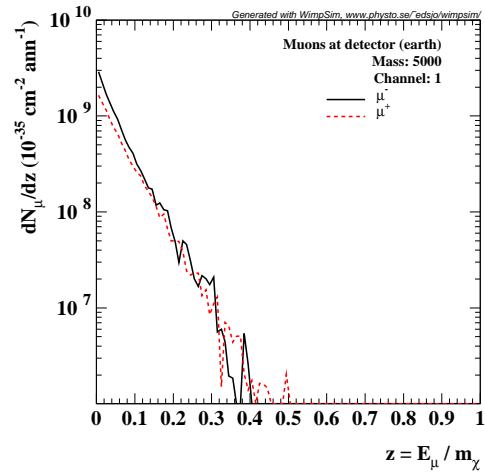
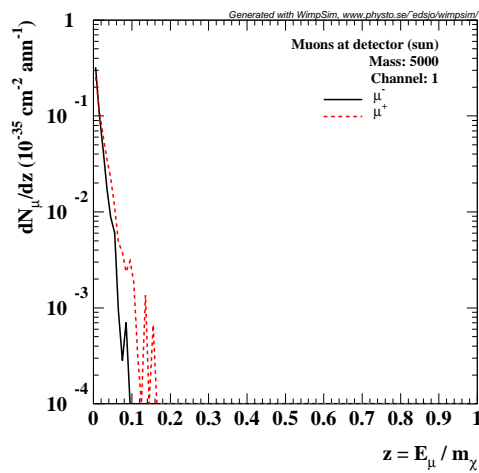




### 18.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

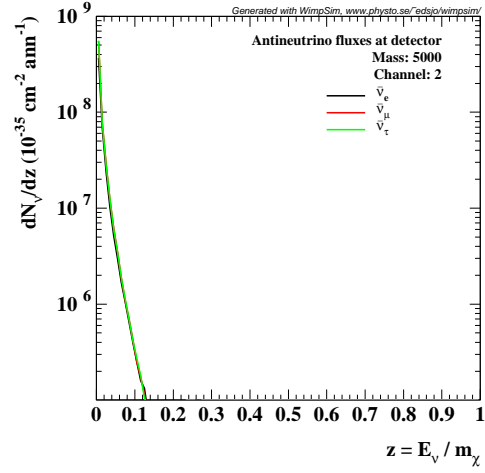
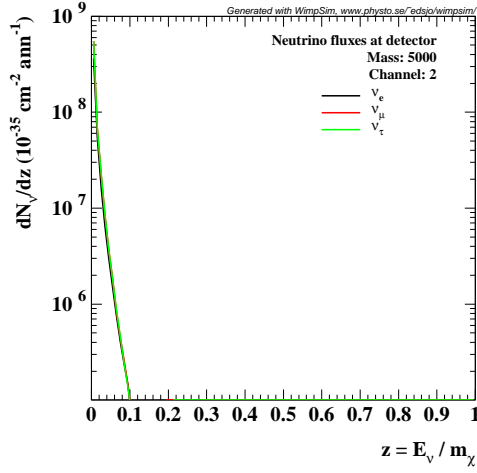


### 18.1.7 Muons at detector (Sun/Earth)

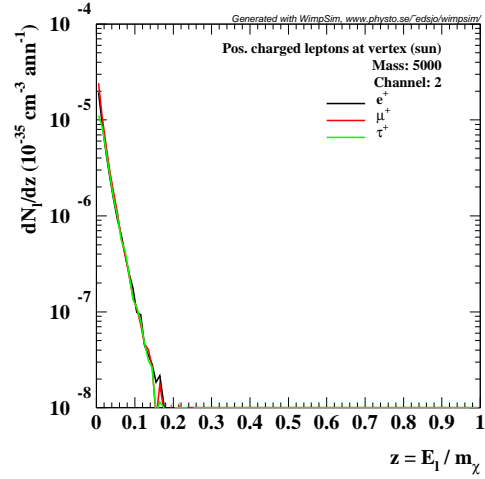
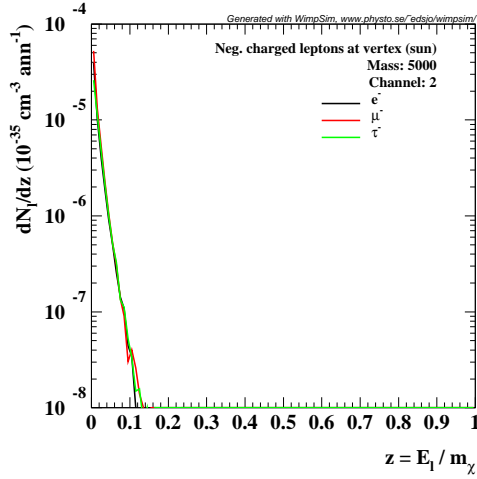


## 18.2 Channel 2 – $b\bar{b}$

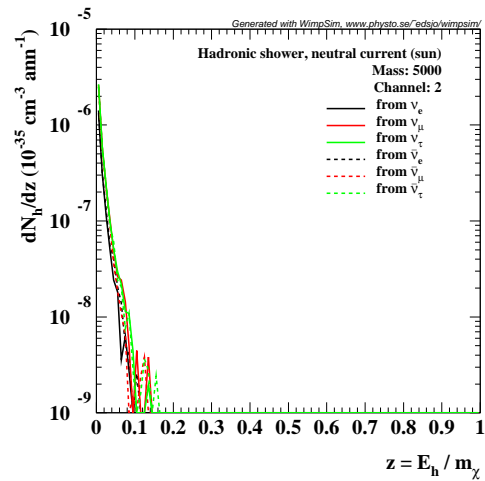
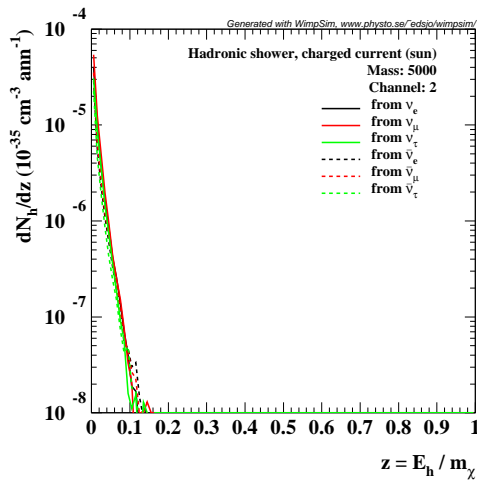
### 18.2.1 Neutrino fluxes at detector (Sun)



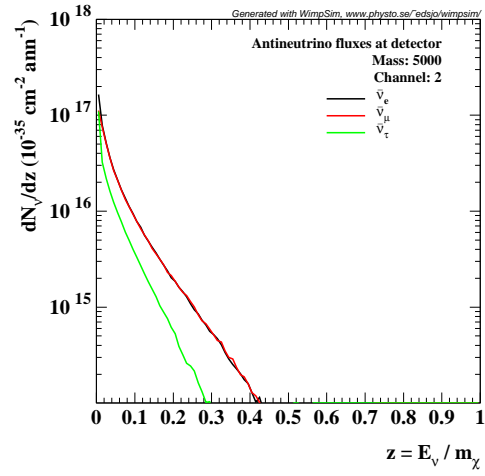
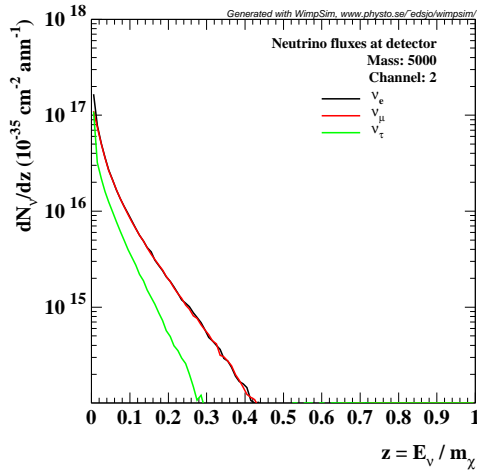
### 18.2.2 Charged leptons at neutrino-nucleon vertex (Sun)



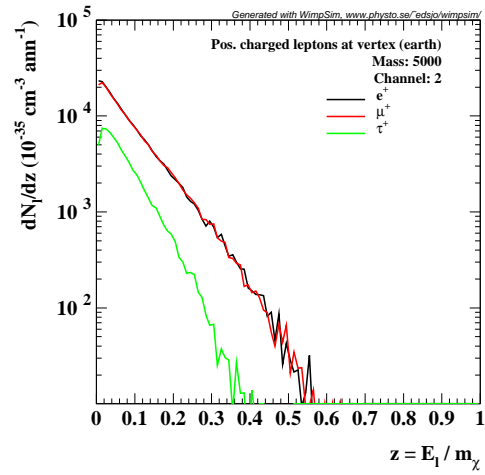
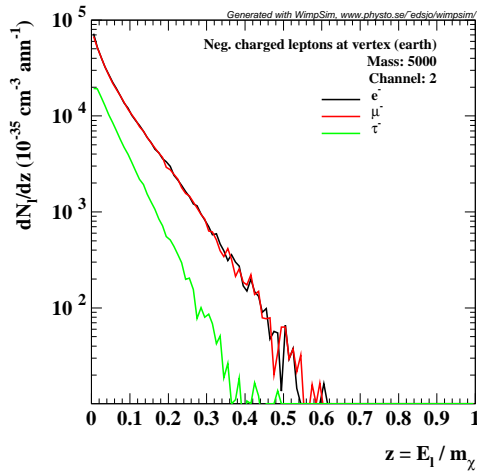
### 18.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)



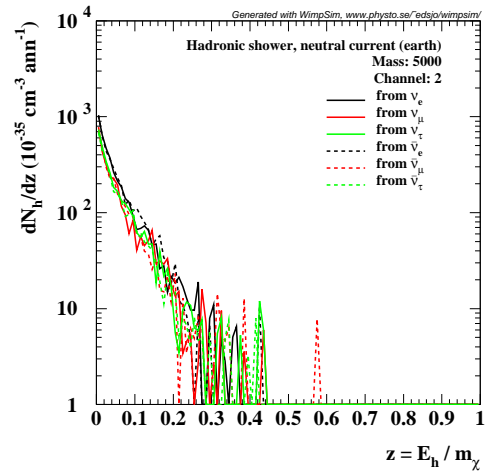
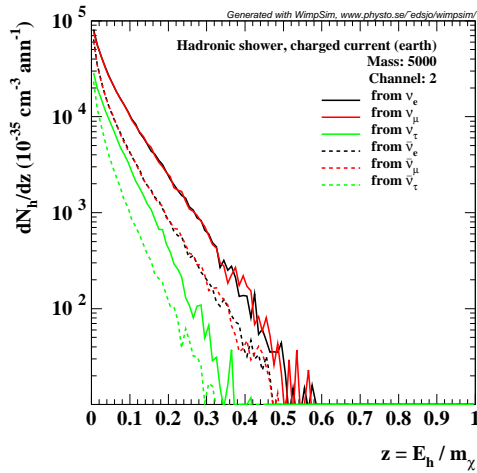
### 18.2.4 Neutrino fluxes at detector (Earth)



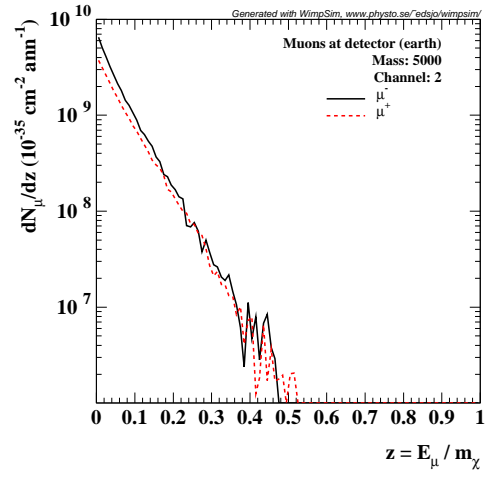
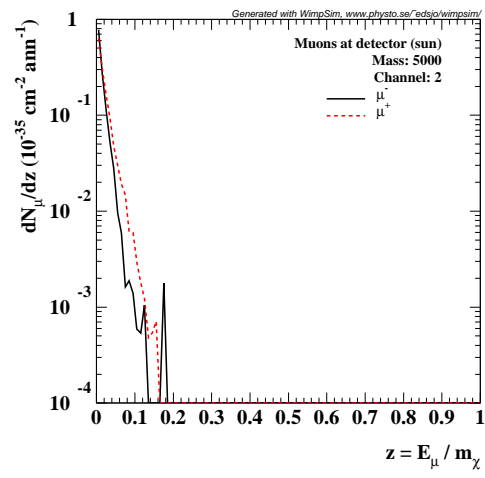
### 18.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 18.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

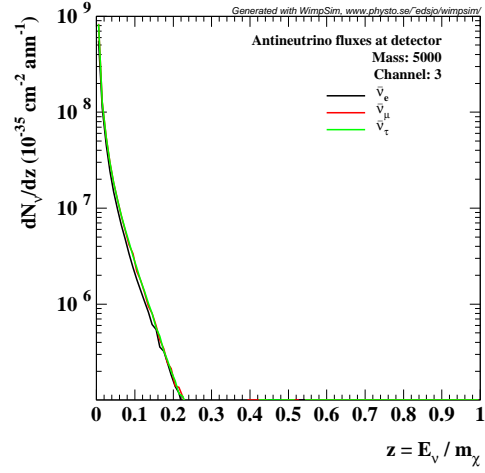
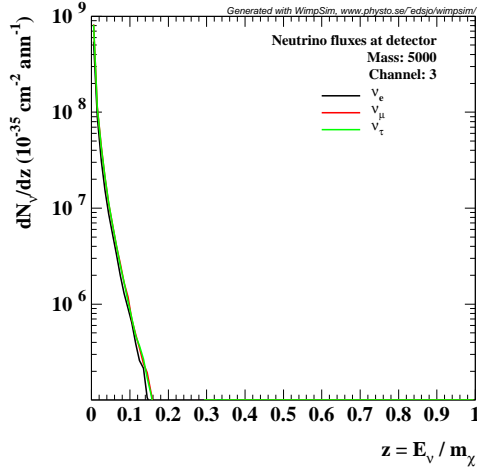


### 18.2.7 Muons at detector (Sun/Earth)

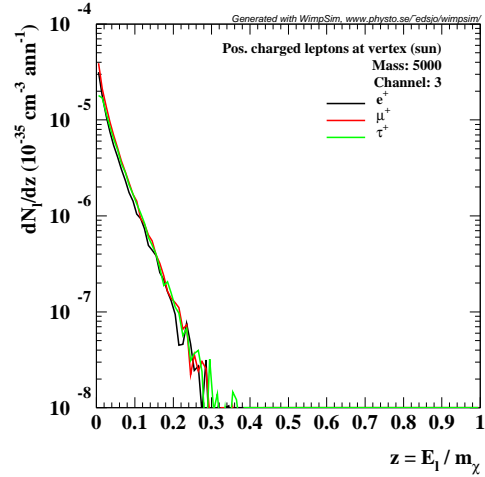
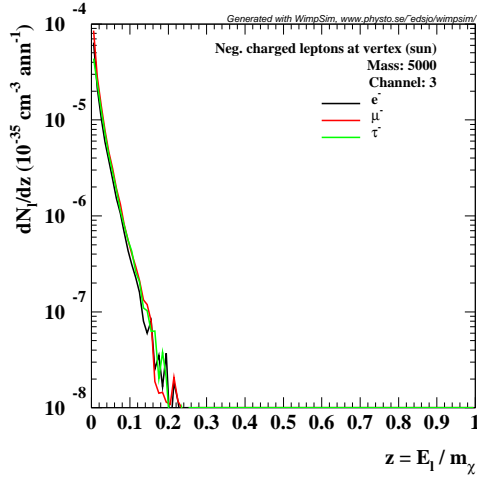


## 18.3 Channel 3 – $t\bar{t}$

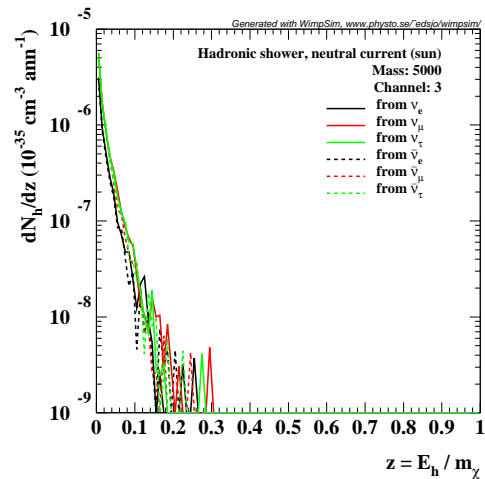
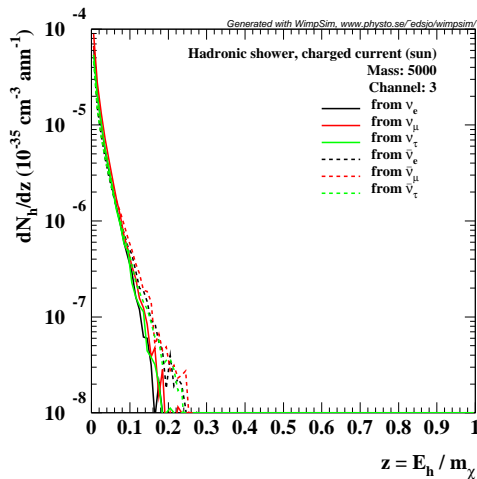
### 18.3.1 Neutrino fluxes at detector (Sun)



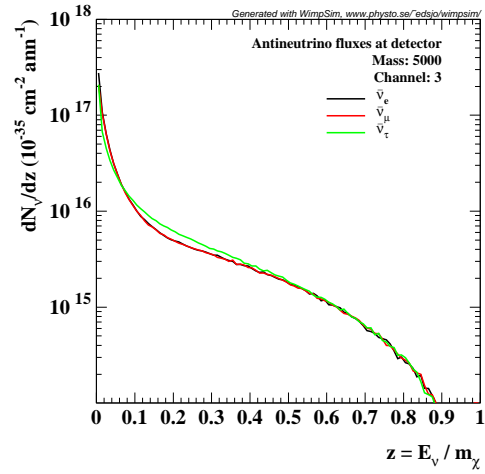
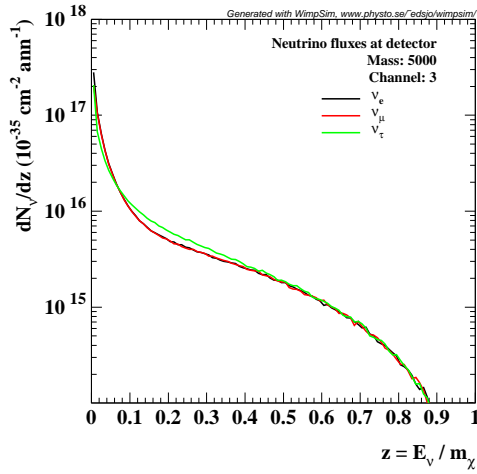
### 18.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



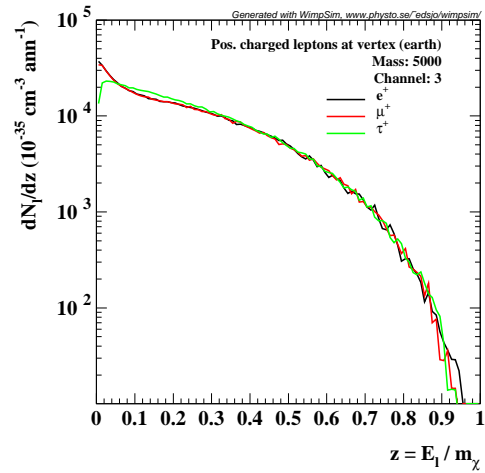
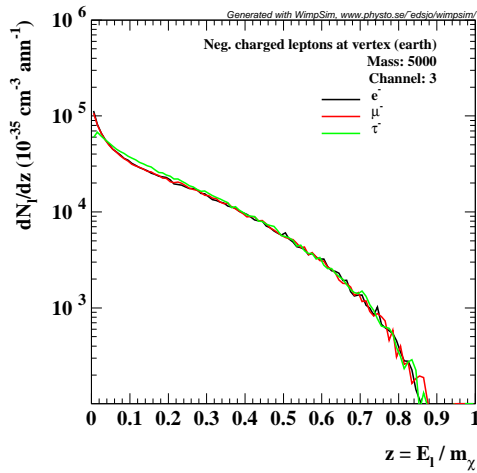
### 18.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



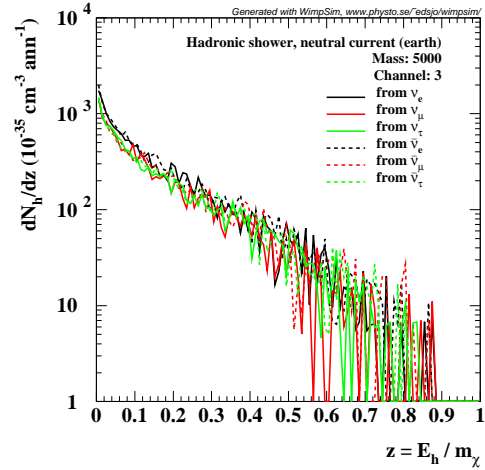
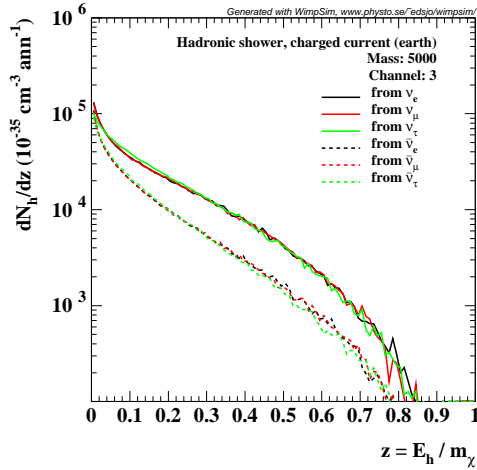
### 18.3.4 Neutrino fluxes at detector (Earth)



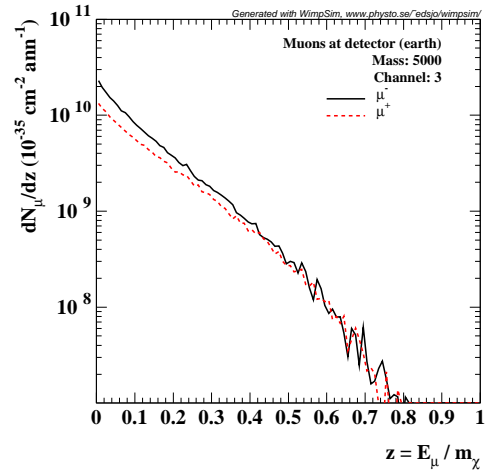
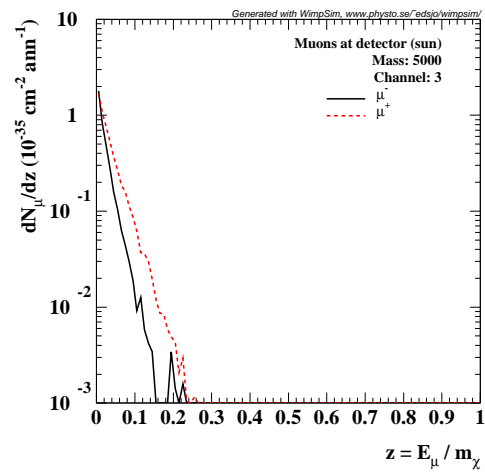
### 18.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 18.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

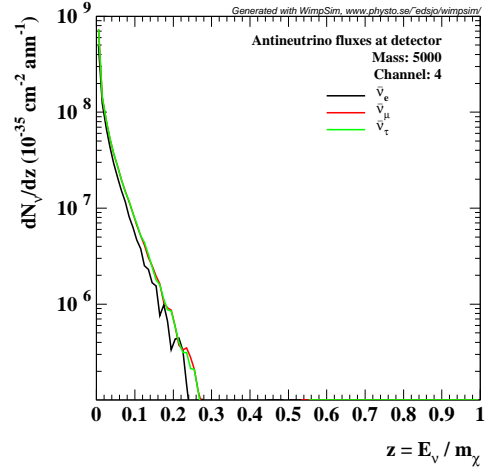
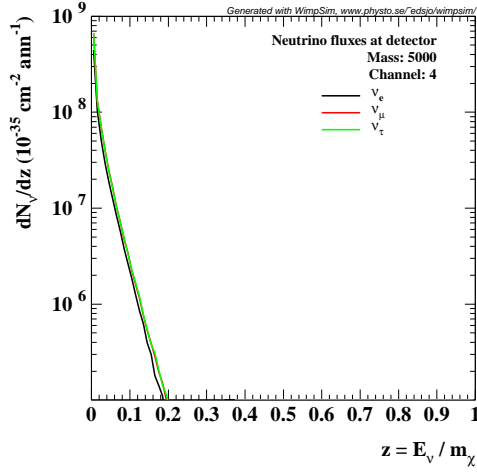


### 18.3.7 Muons at detector (Sun/Earth)

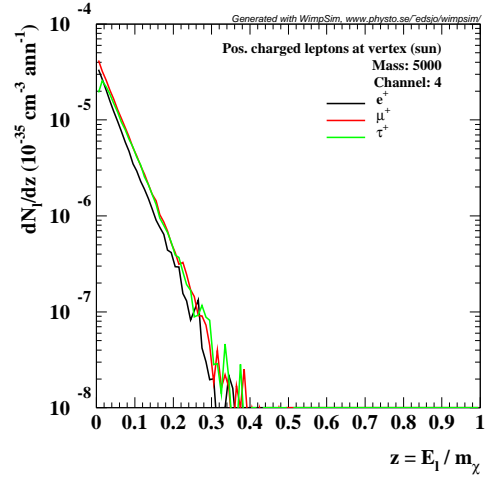
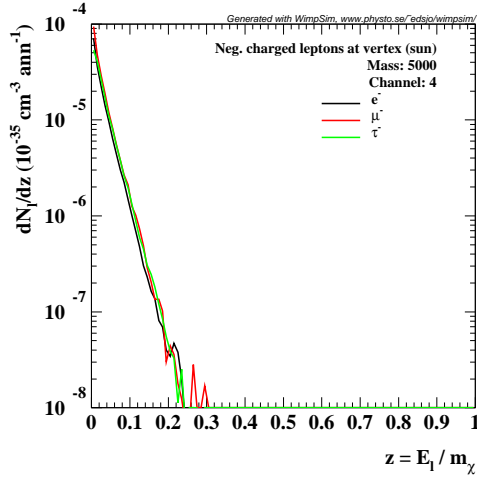


## 18.4 Channel 4 – $\tau^- \tau^+$

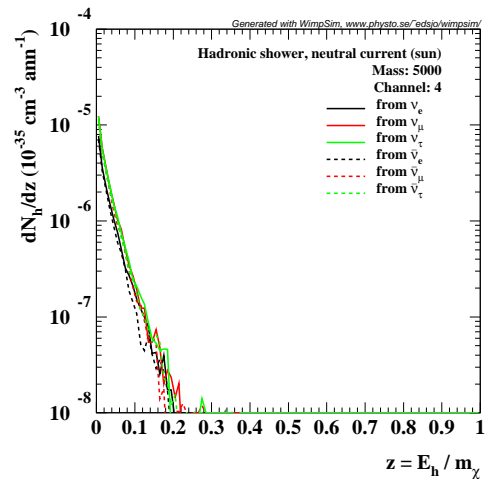
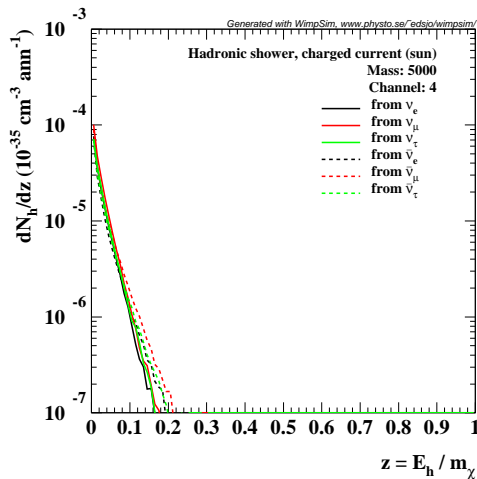
### 18.4.1 Neutrino fluxes at detector (Sun)



### 18.4.2 Charged leptons at neutrino-nucleon vertex (Sun)

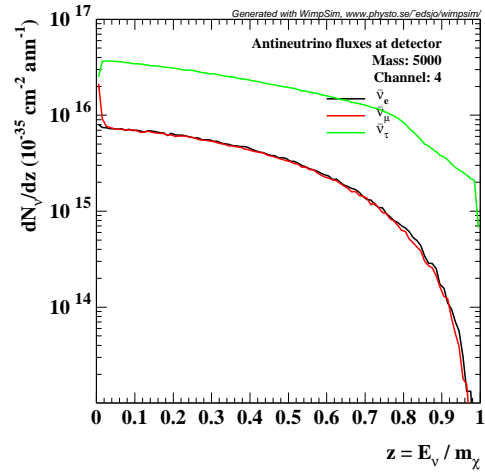
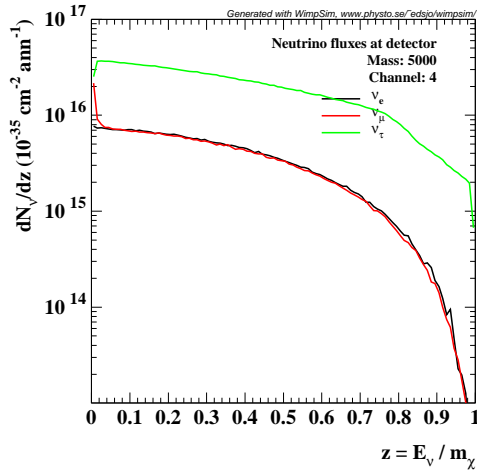


### 18.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)

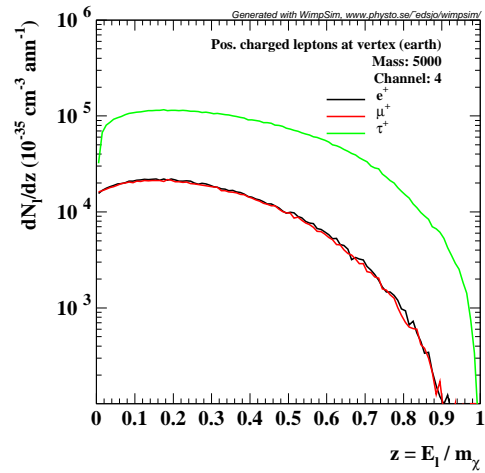
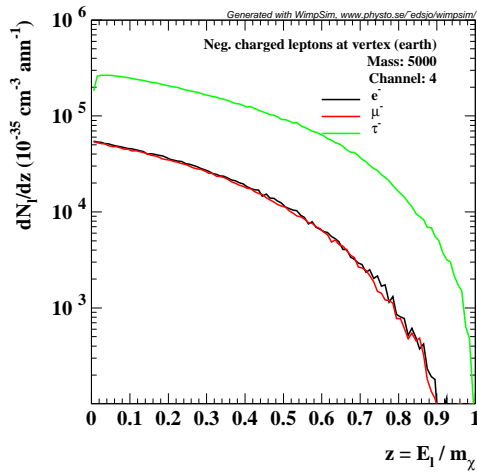




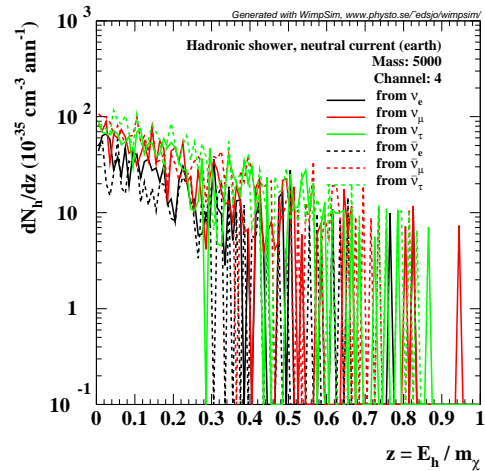
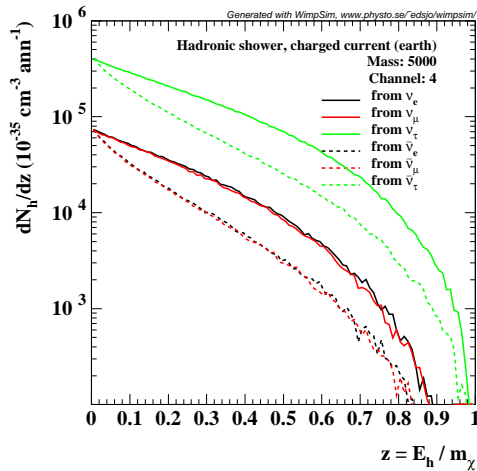
#### 18.4.4 Neutrino fluxes at detector (Earth)



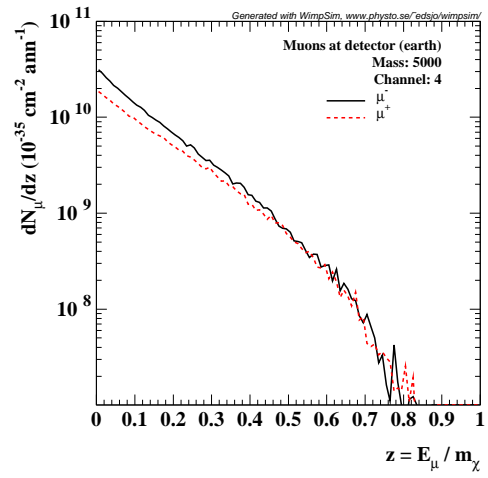
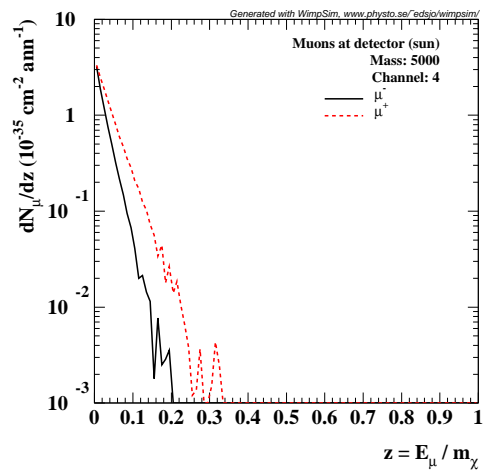
#### 18.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 18.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)

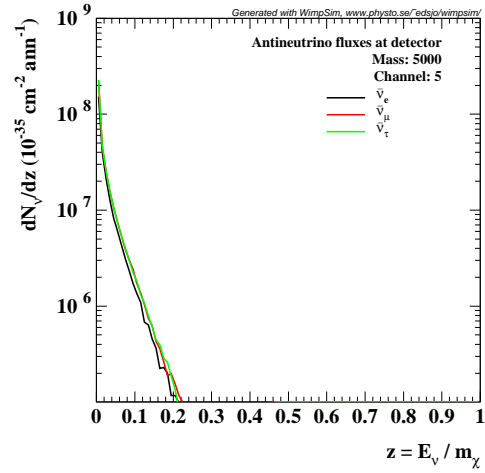
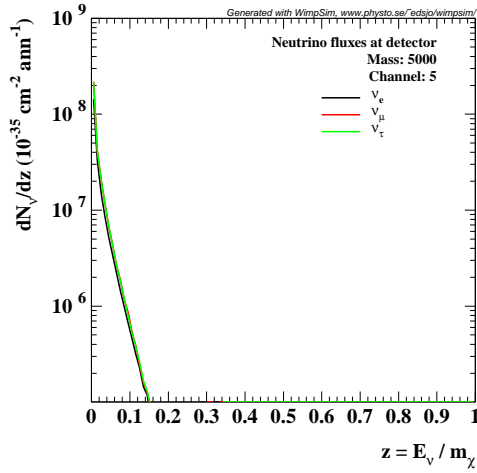


### 18.4.7 Muons at detector (Sun/Earth)

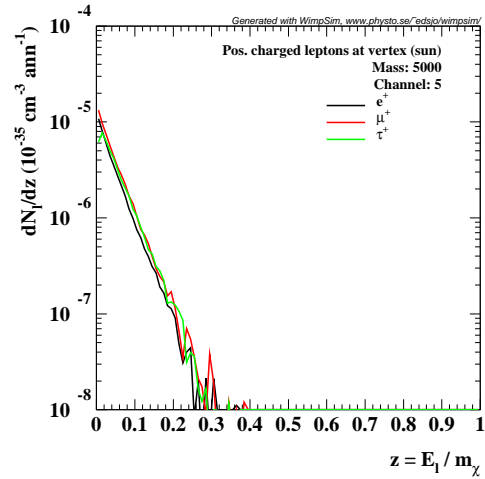
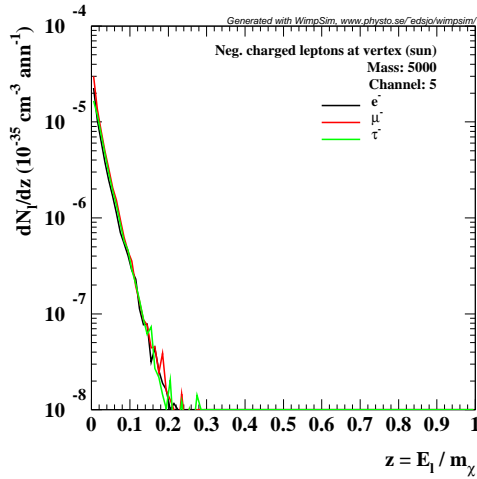


## 18.5 Channel 5 – $W^-W^+$

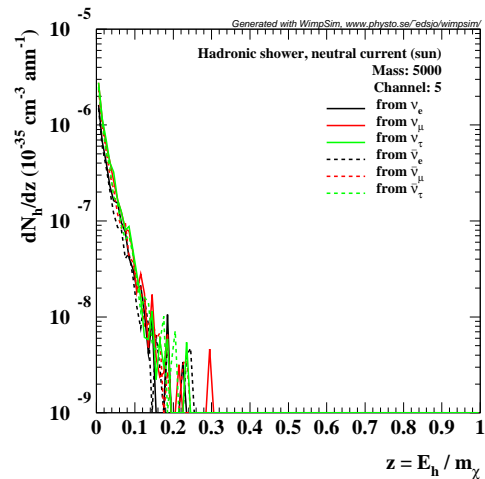
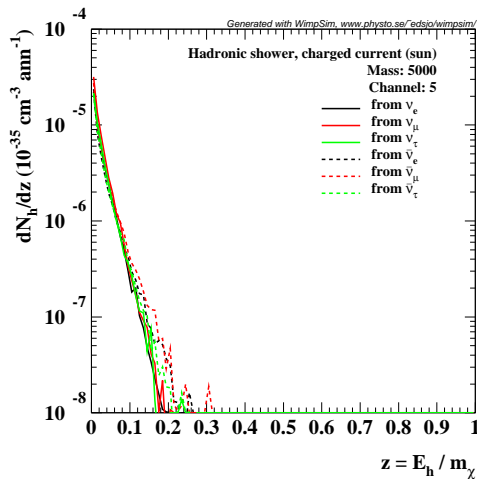
### 18.5.1 Neutrino fluxes at detector (Sun)



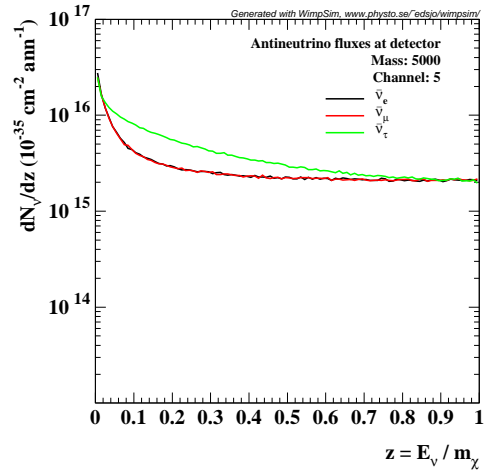
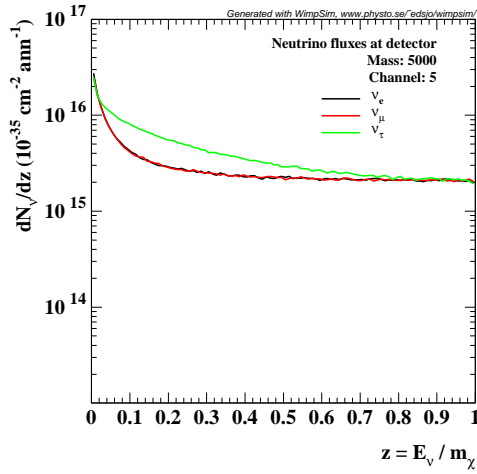
### 18.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



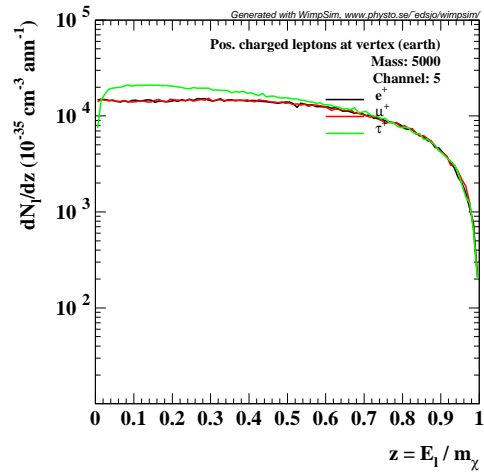
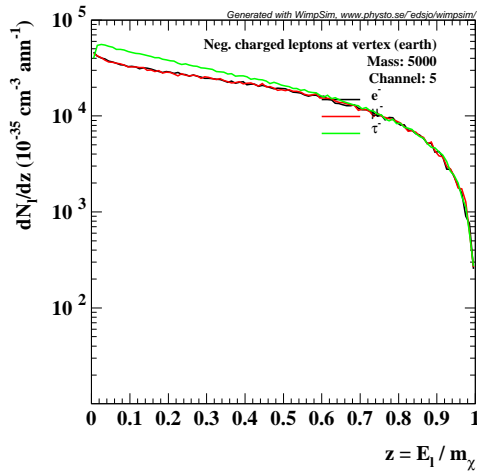
### 18.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



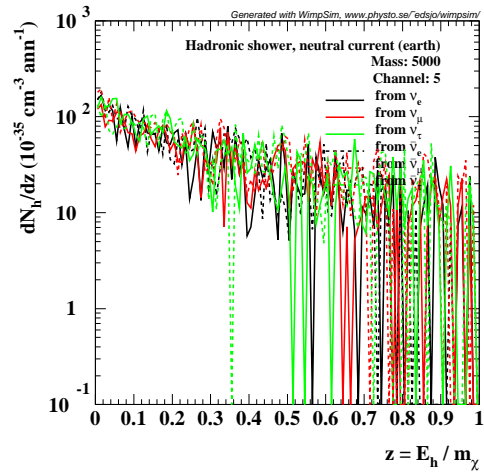
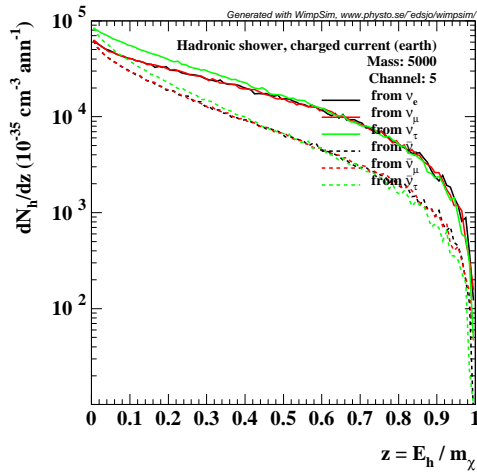
### 18.5.4 Neutrino fluxes at detector (Earth)



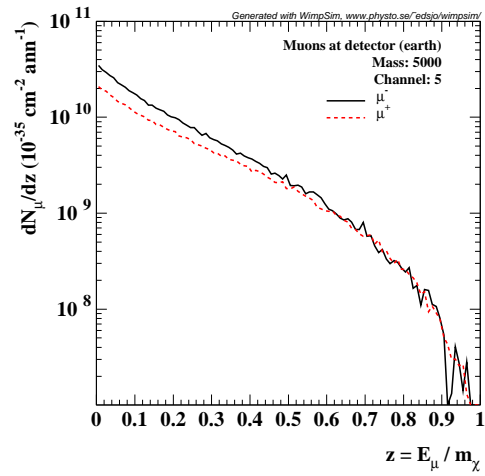
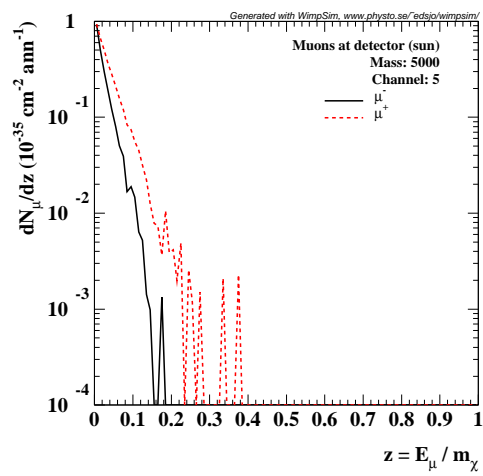
### 18.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 18.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

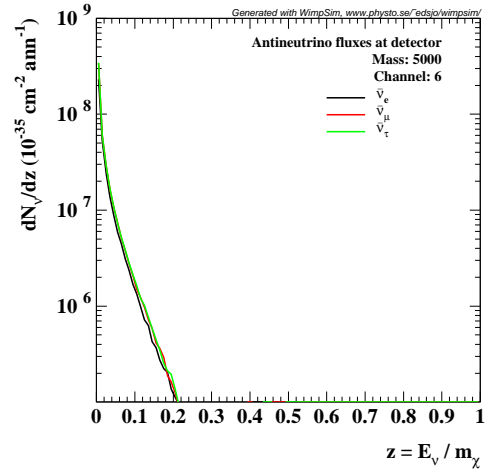
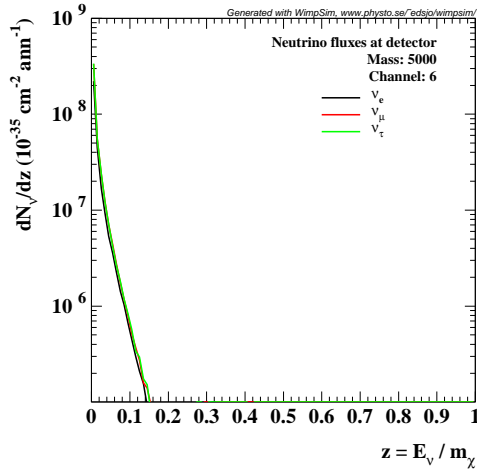


### 18.5.7 Muons at detector (Sun/Earth)

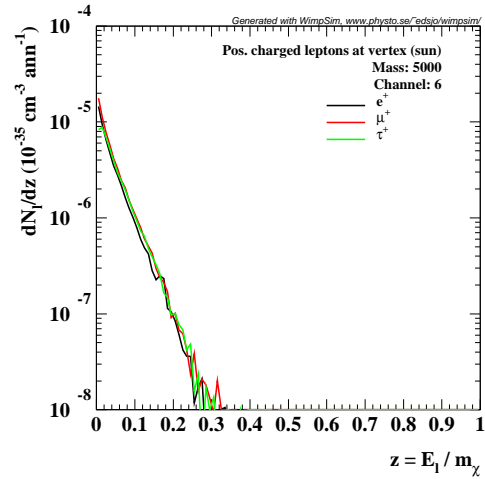
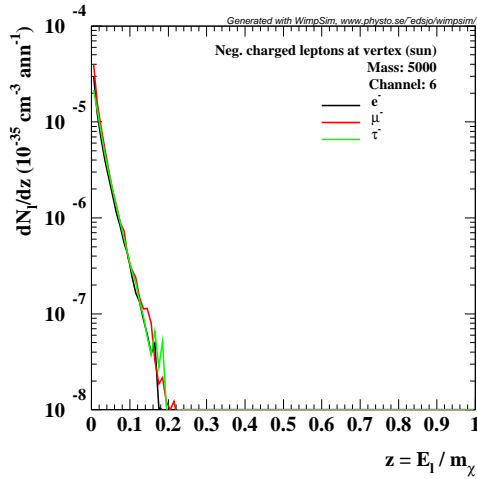


## 18.6 Channel 6 – $Z^0 Z^0$

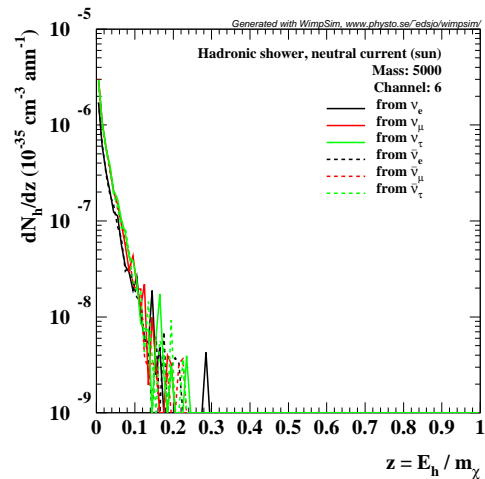
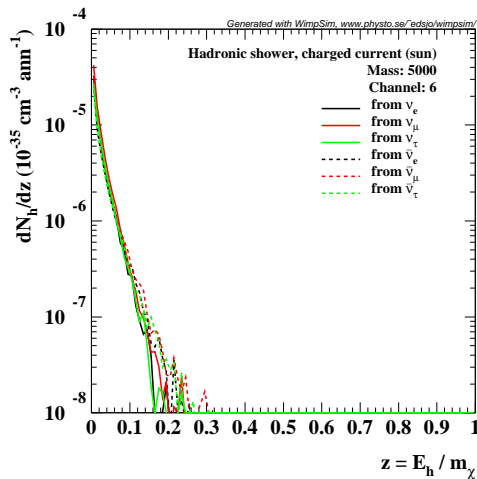
### 18.6.1 Neutrino fluxes at detector (Sun)



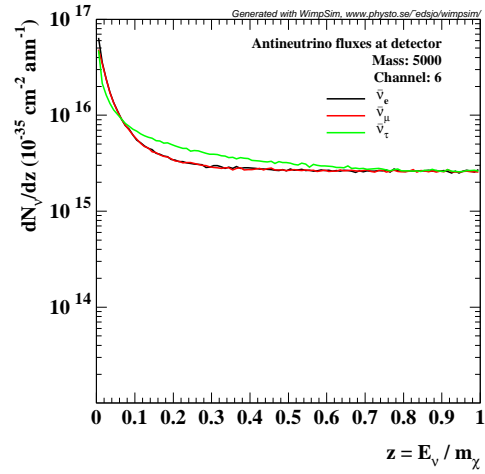
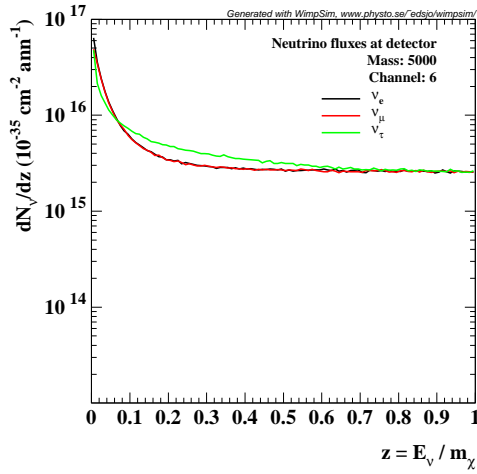
### 18.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



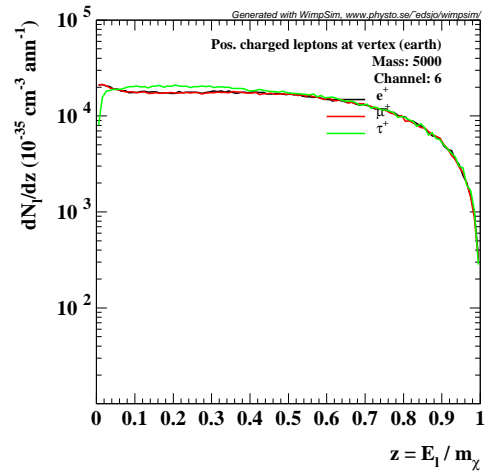
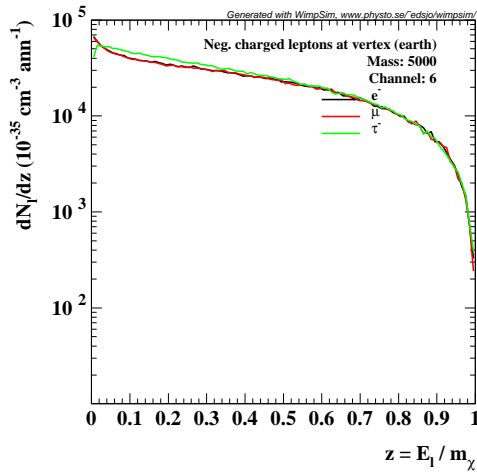
### 18.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



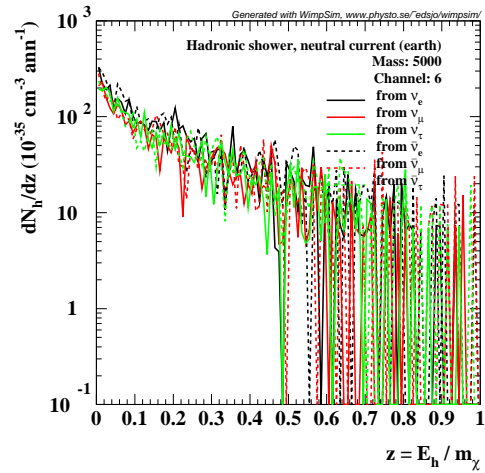
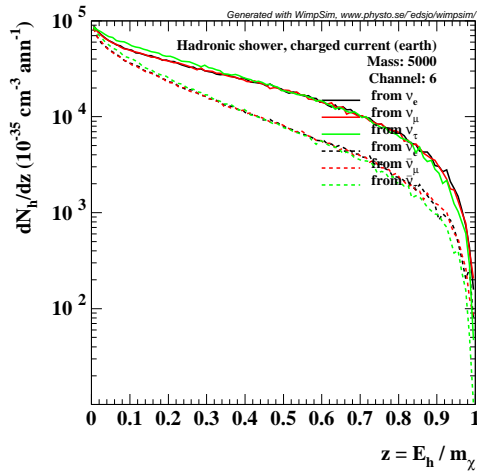
### 18.6.4 Neutrino fluxes at detector (Earth)



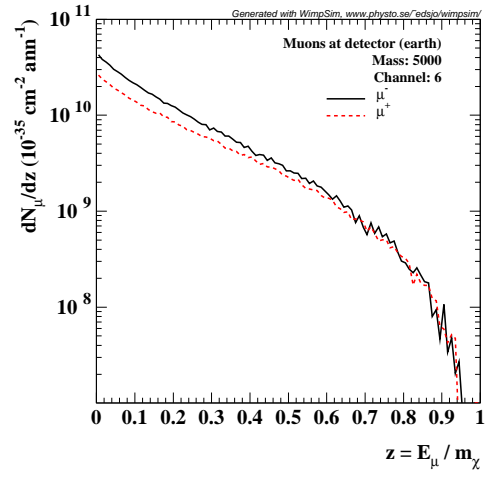
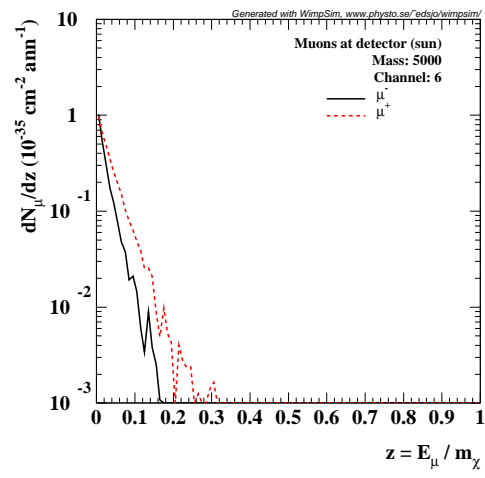
### 18.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 18.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)



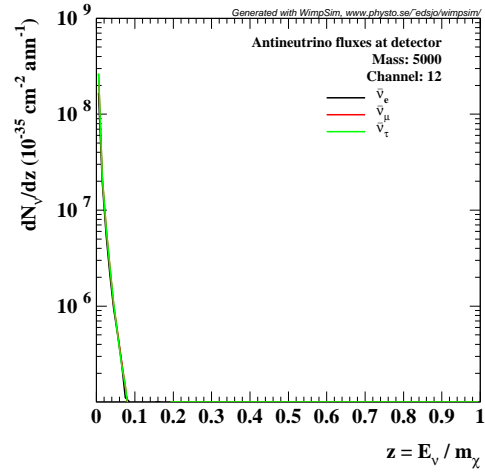
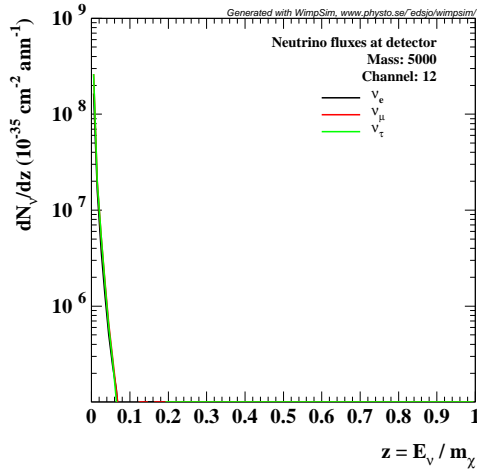
### 18.6.7 Muons at detector (Sun/Earth)



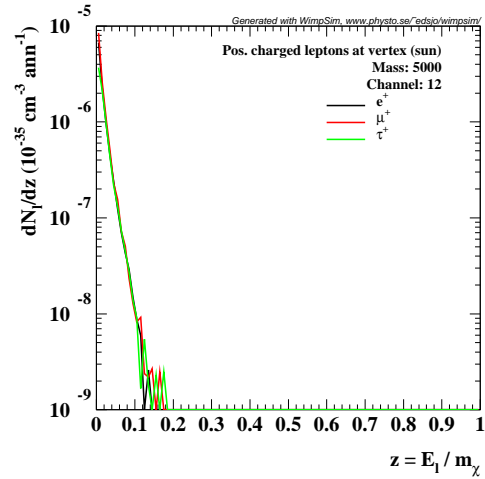
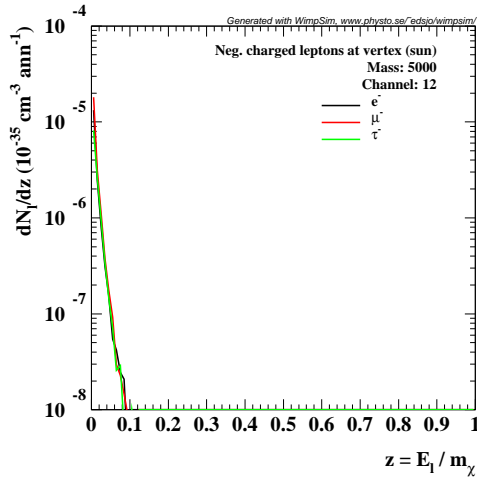


## 18.7 Channel 12 – $gg$

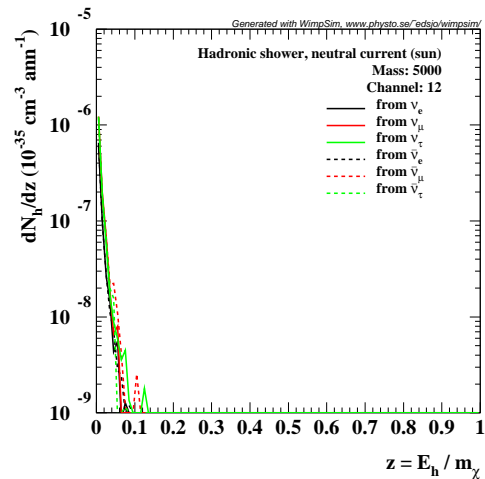
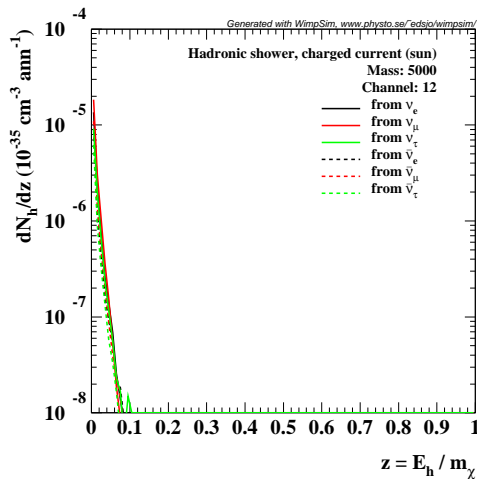
### 18.7.1 Neutrino fluxes at detector (Sun)



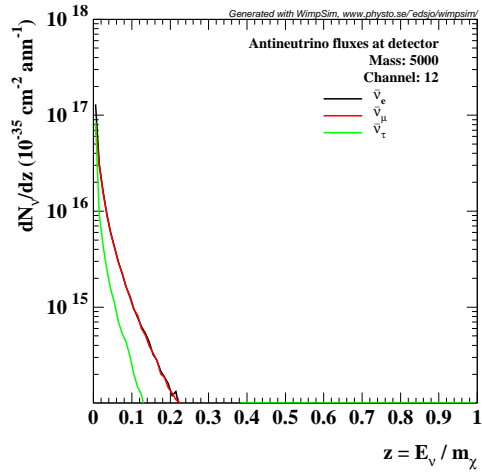
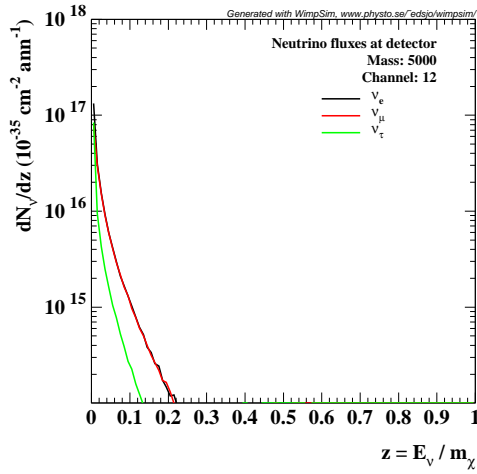
### 18.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



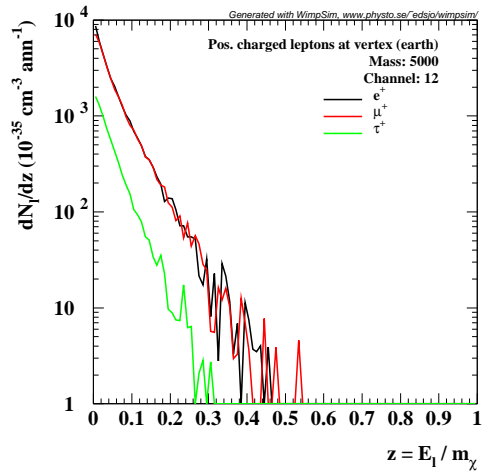
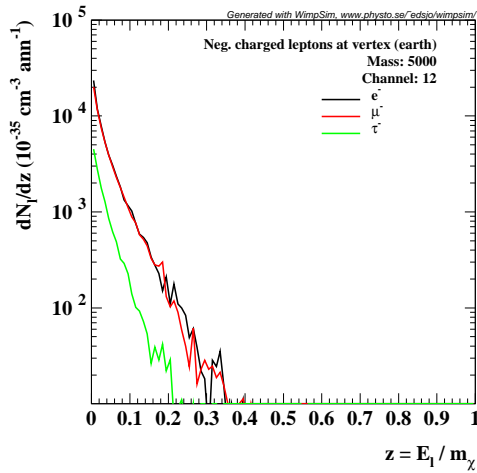
### 18.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



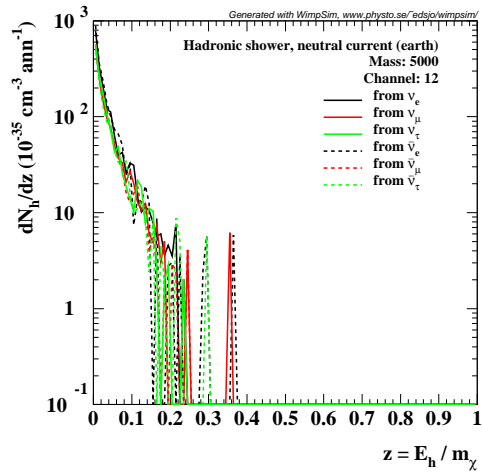
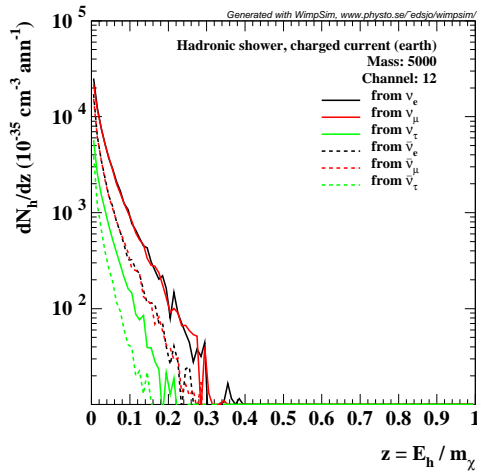
### 18.7.4 Neutrino fluxes at detector (Earth)



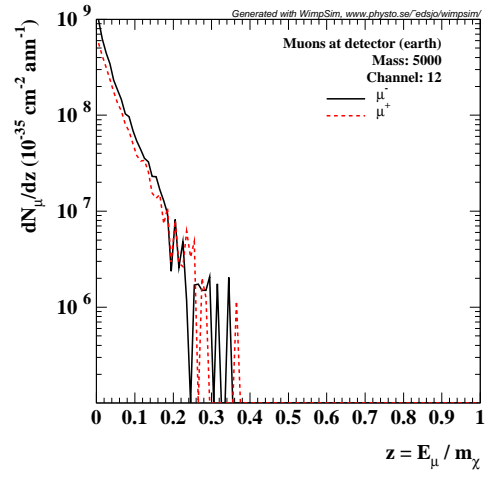
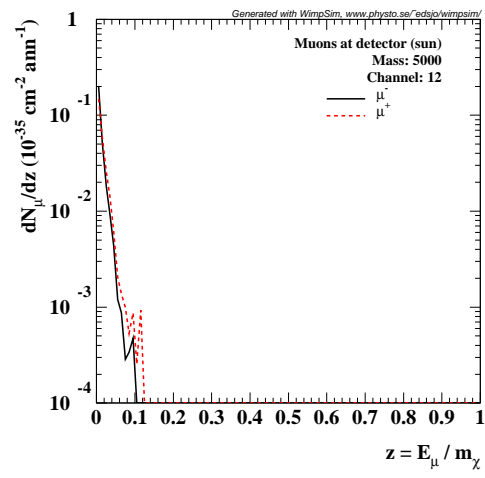
### 18.7.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 18.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)

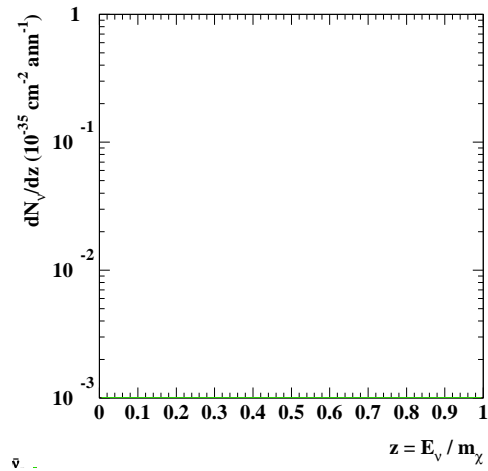
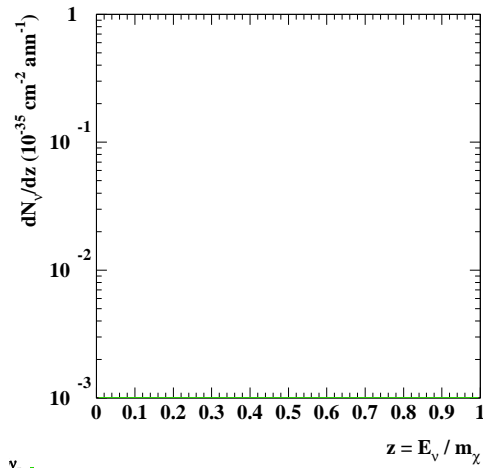


### 18.7.7 Muons at detector (Sun/Earth)

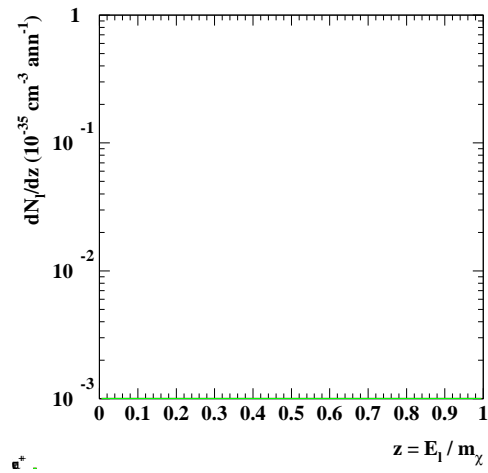
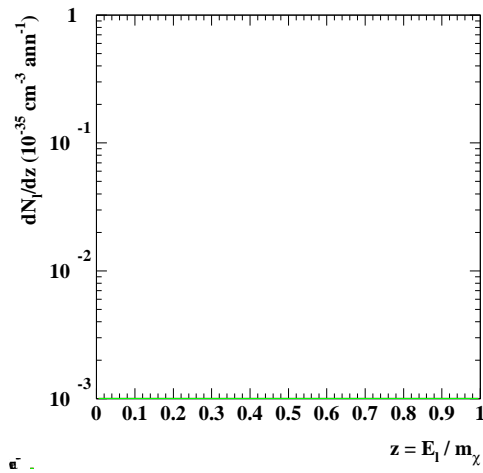


## 18.8 Channel 16 – $\nu_e \bar{\nu}_e$

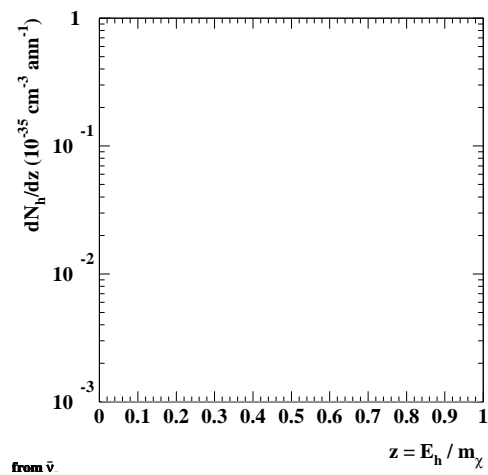
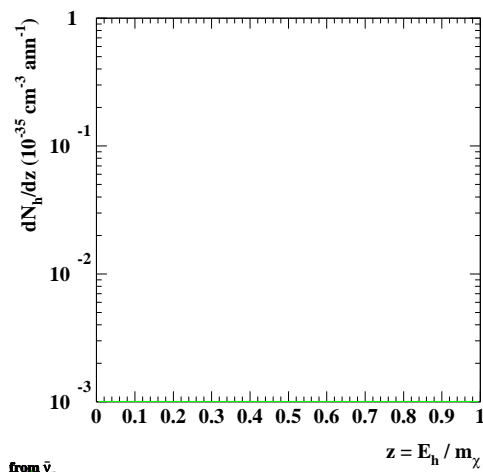
### 18.8.1 Neutrino fluxes at detector (Sun)



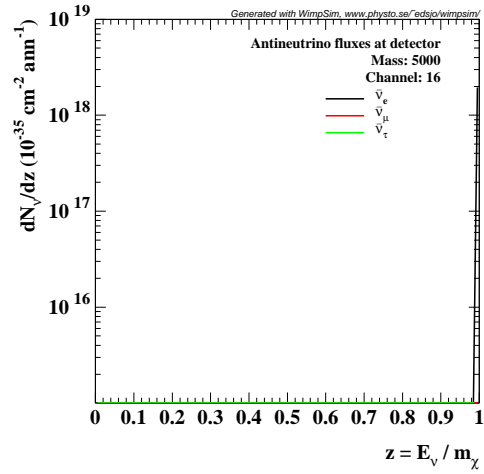
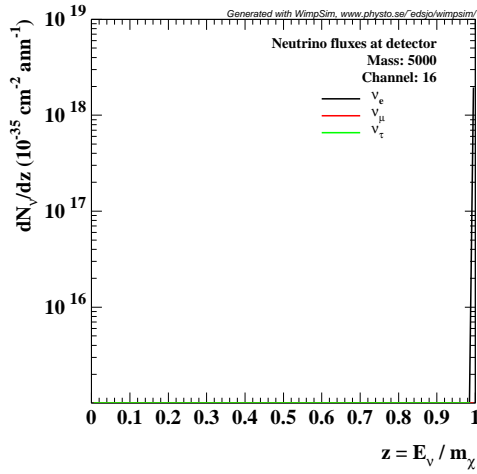
### 18.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



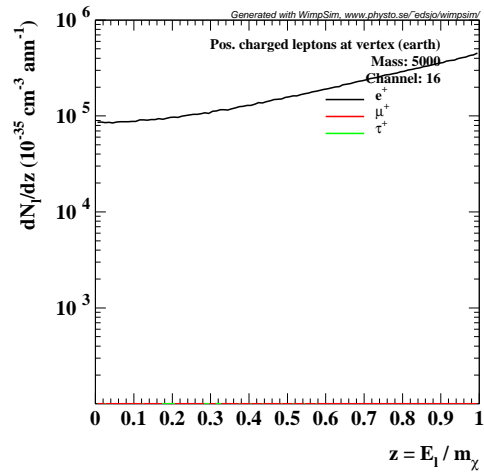
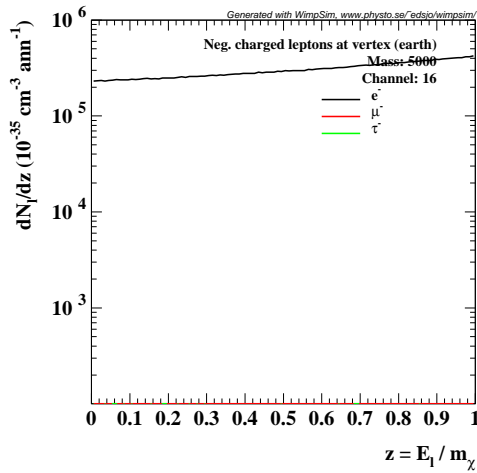
### 18.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



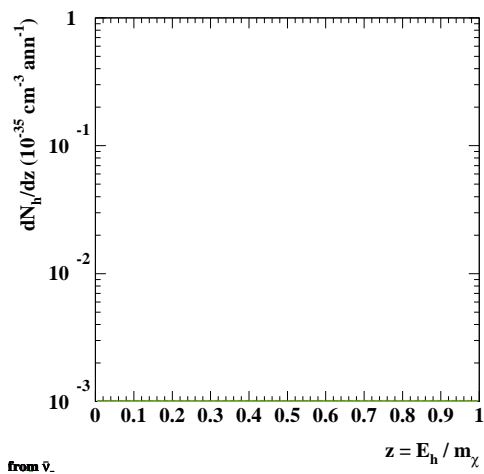
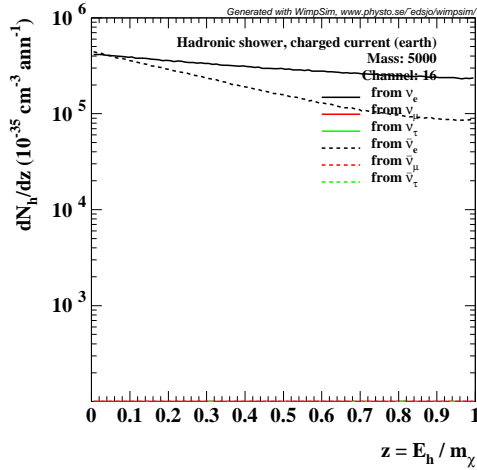
### 18.8.4 Neutrino fluxes at detector (Earth)



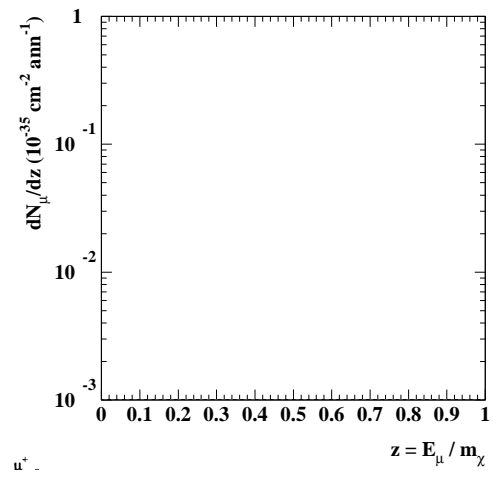
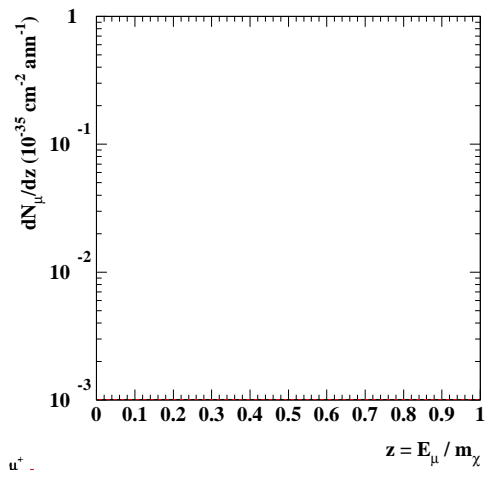
### 18.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 18.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)

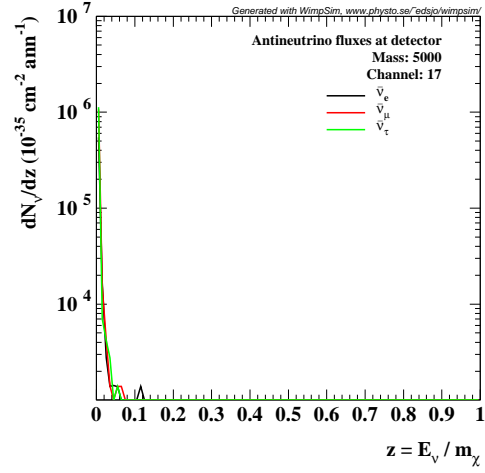
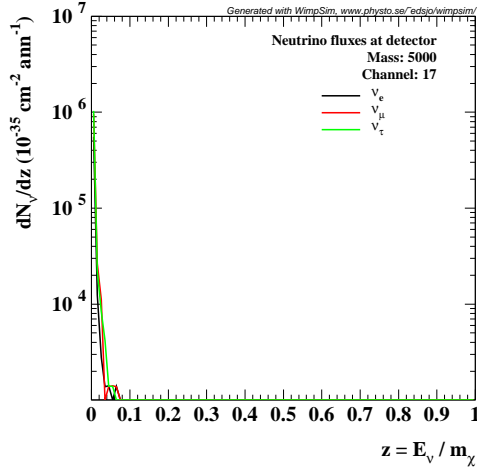


### 18.8.7 Muons at detector (Sun/Earth)

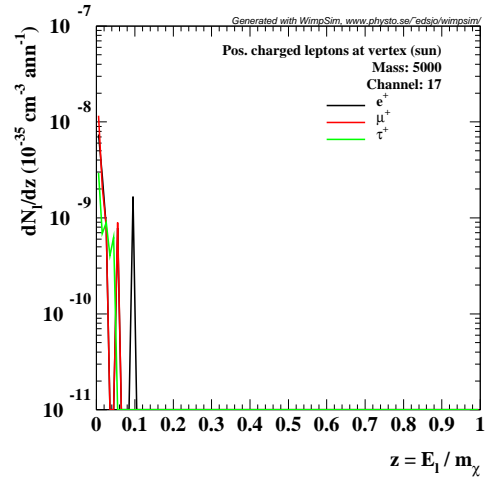
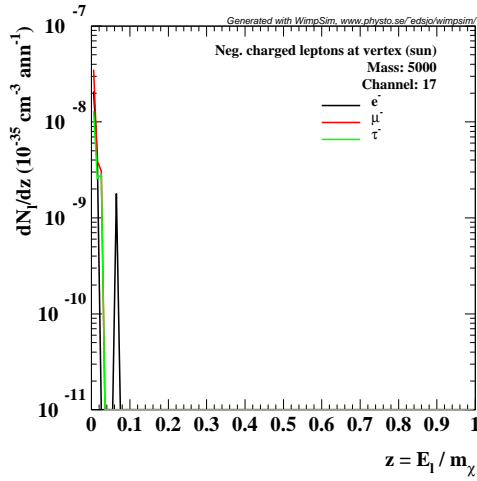


## 18.9 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

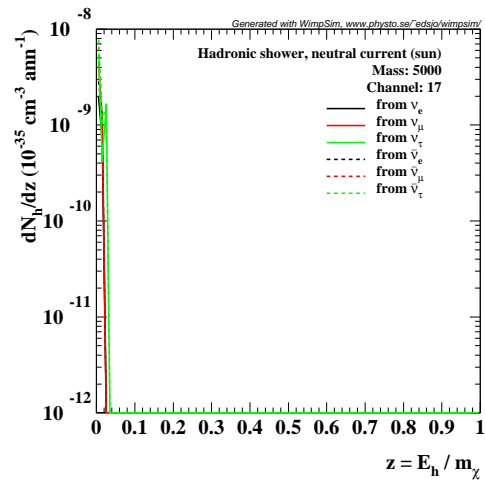
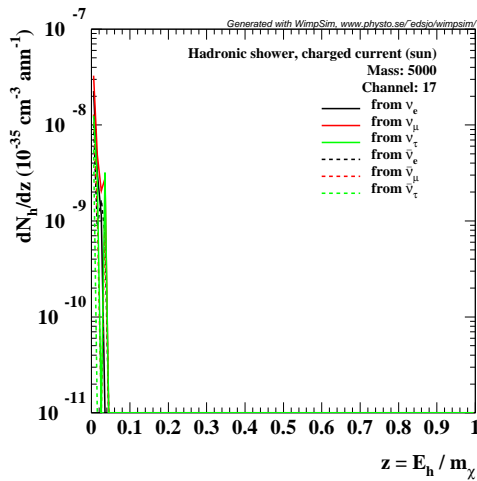
### 18.9.1 Neutrino fluxes at detector (Sun)



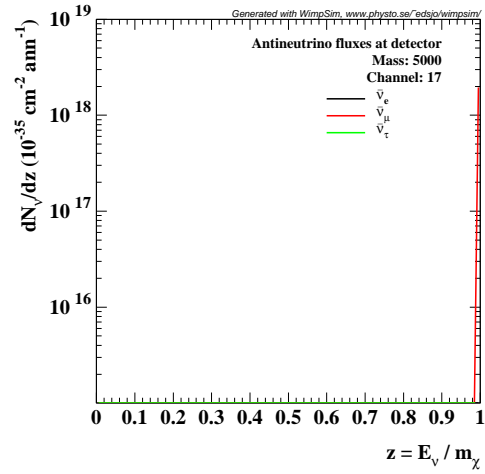
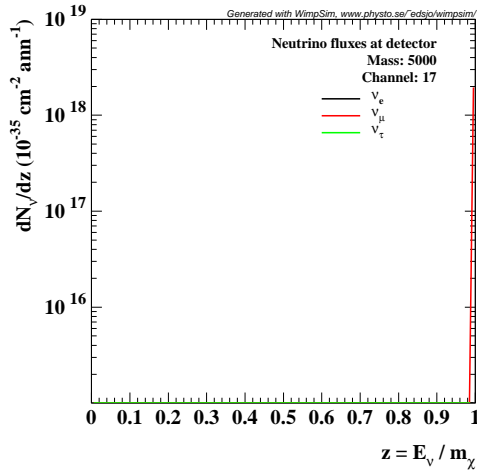
### 18.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



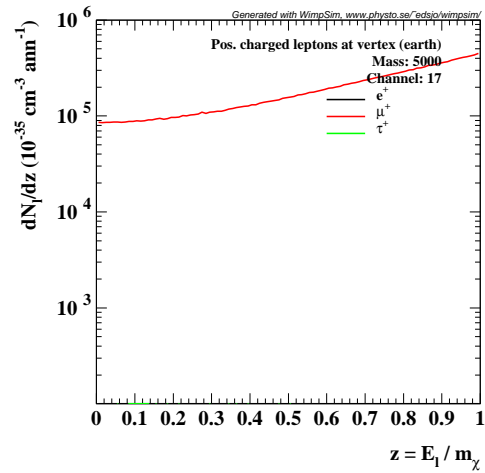
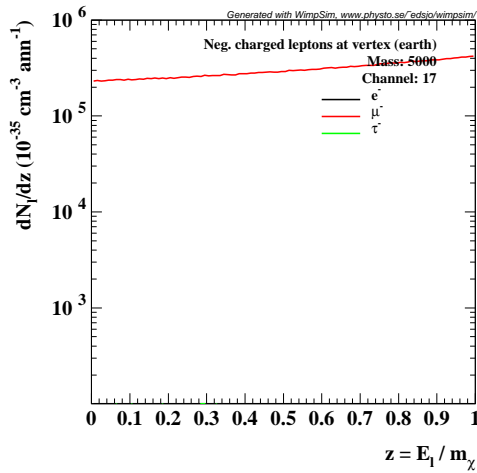
### 18.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



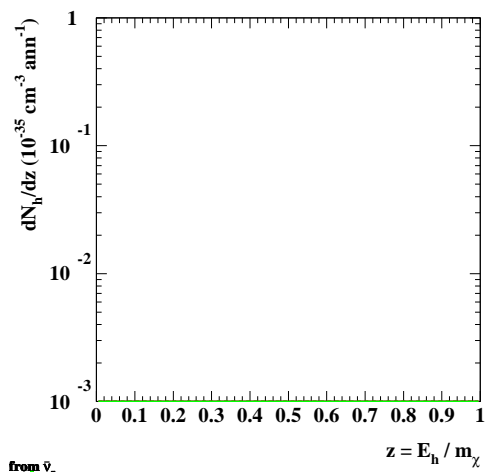
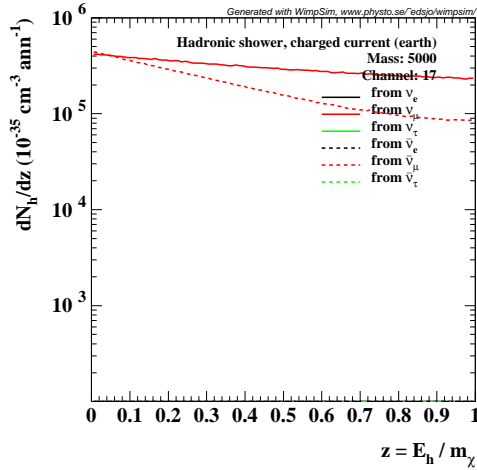
### 18.9.4 Neutrino fluxes at detector (Earth)



### 18.9.5 Charged leptons at neutrino-nucleon vertex (Earth)

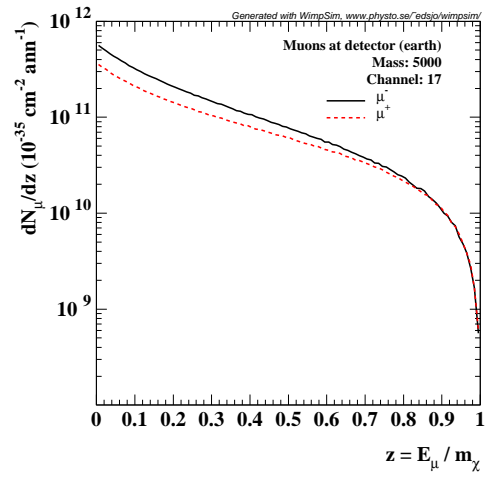
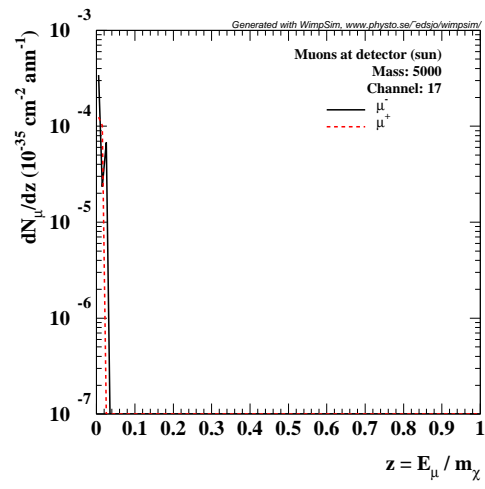


### 18.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)



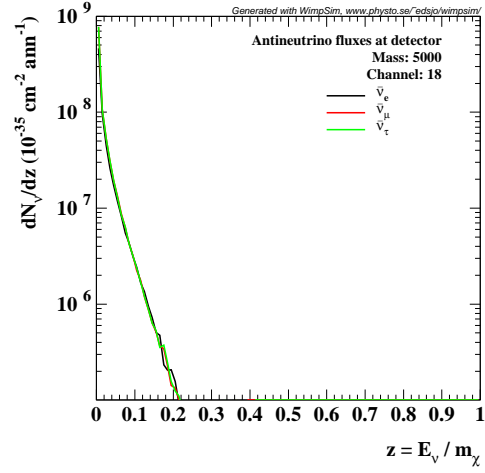
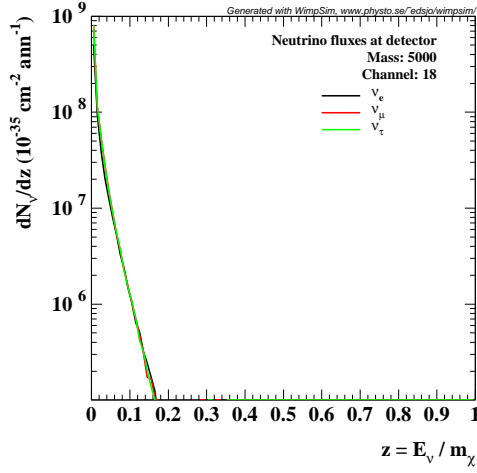


### 18.9.7 Muons at detector (Sun/Earth)

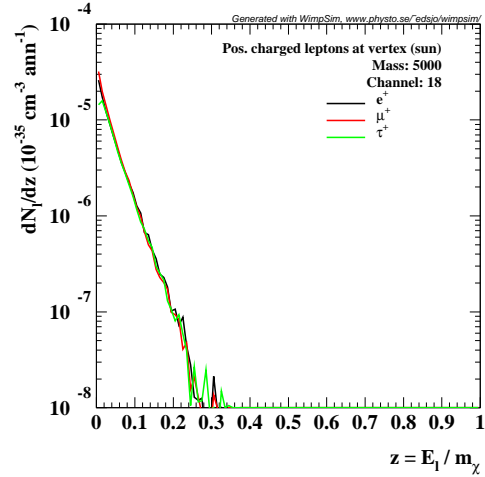
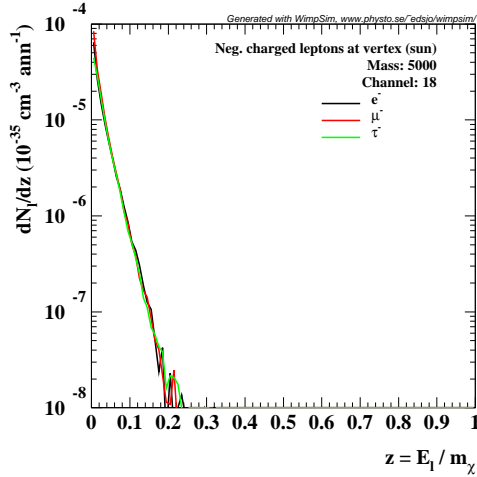


## 18.10 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

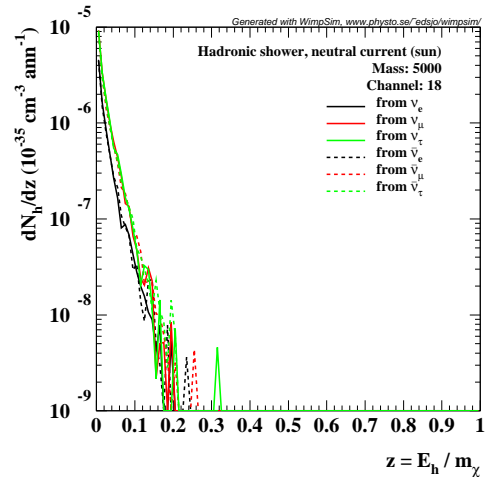
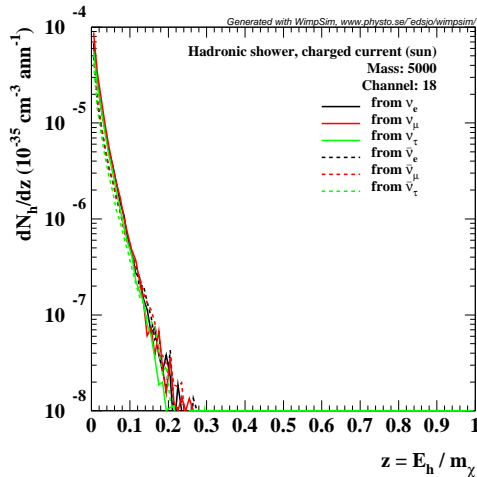
### 18.10.1 Neutrino fluxes at detector (Sun)



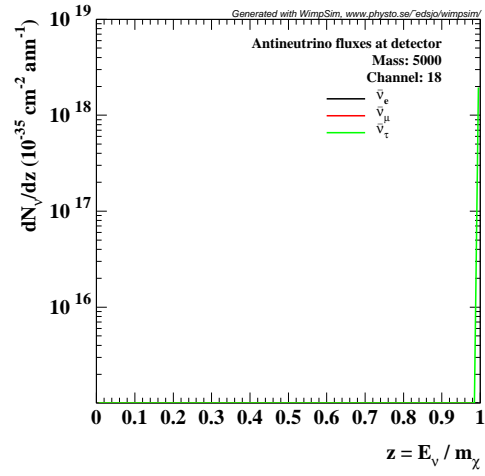
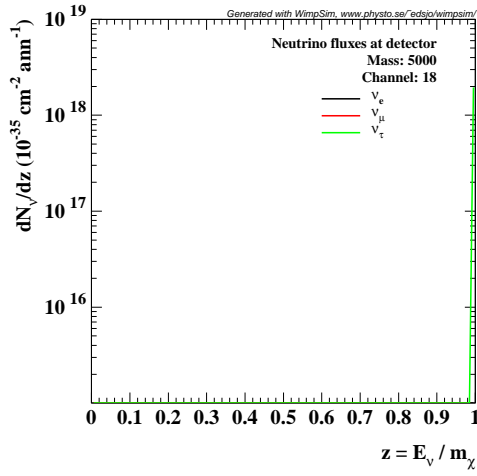
### 18.10.2 Charged leptons at neutrino-nucleon vertex (Sun)



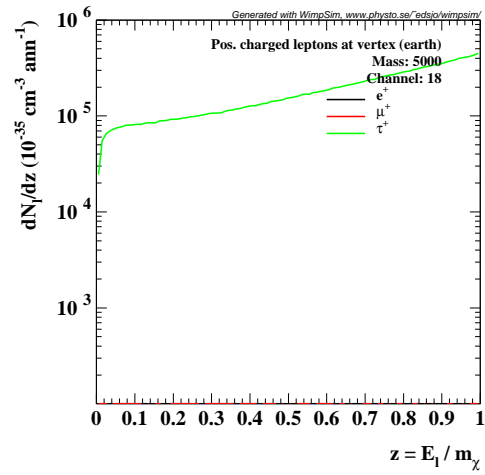
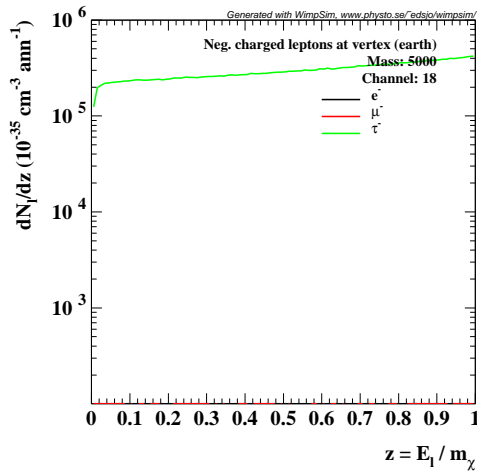
### 18.10.3 Hadronic shower at neutrino-nucleon vertex (Sun)



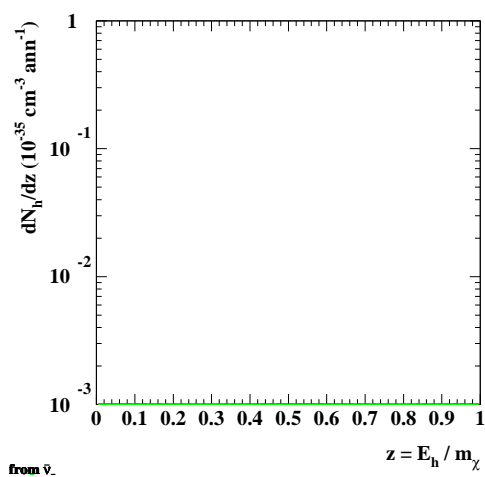
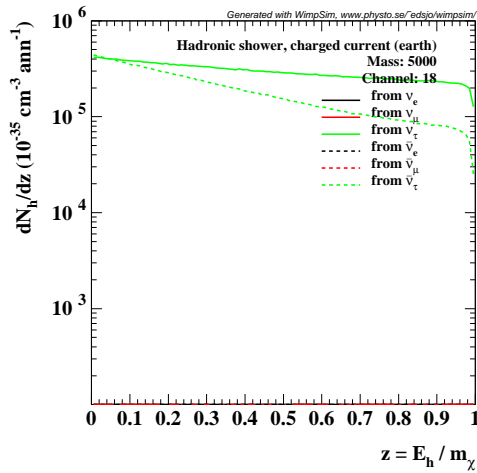
### 18.10.4 Neutrino fluxes at detector (Earth)



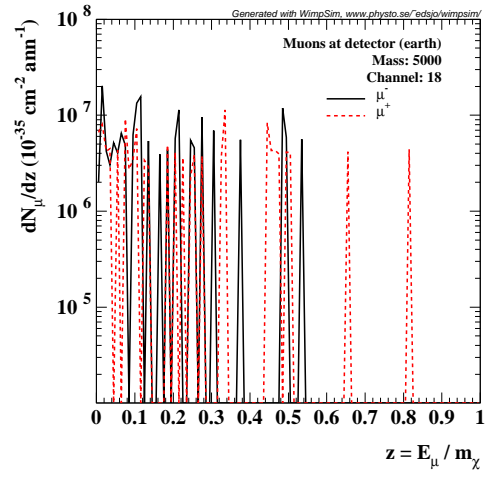
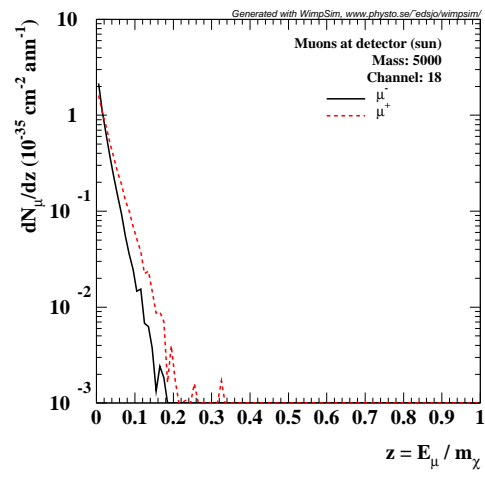
### 18.10.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 18.10.6 Hadronic shower at neutrino-nucleon vertex (Earth)



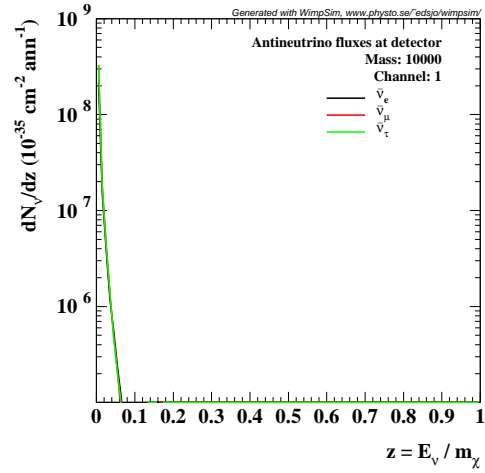
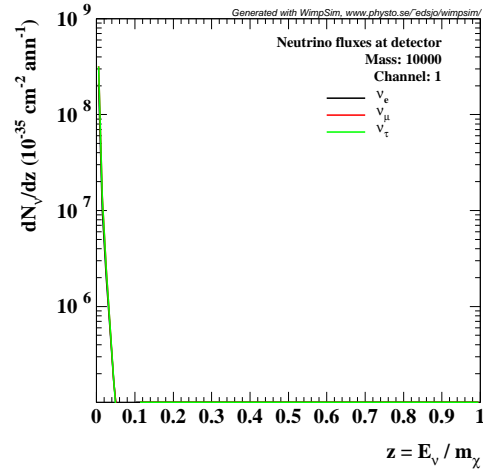
### 18.10.7 Muons at detector (Sun/Earth)



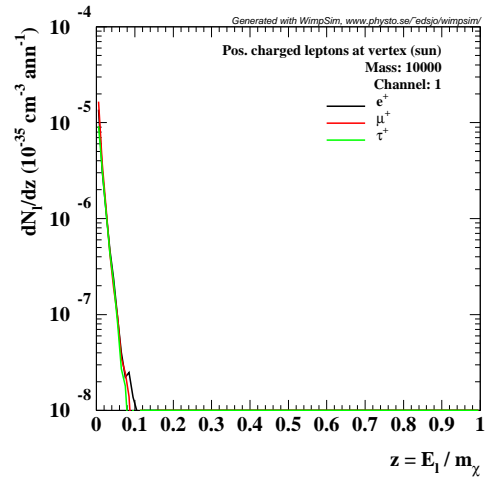
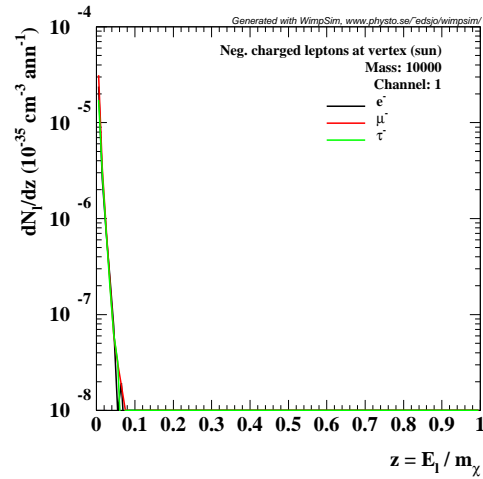
## 19 Mass 10000

### 19.1 Channel 1 – $c\bar{c}$

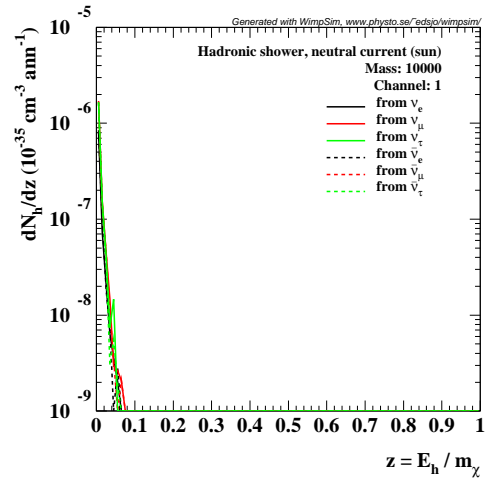
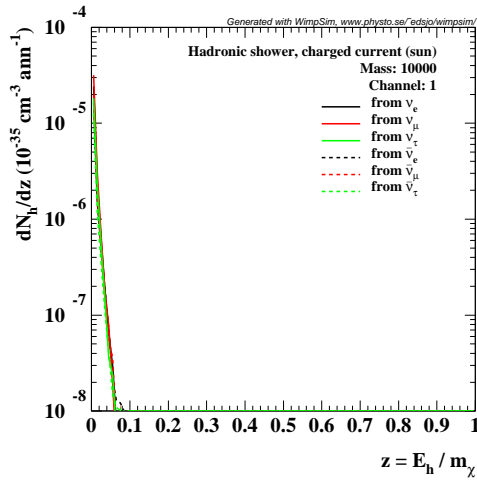
#### 19.1.1 Neutrino fluxes at detector (Sun)



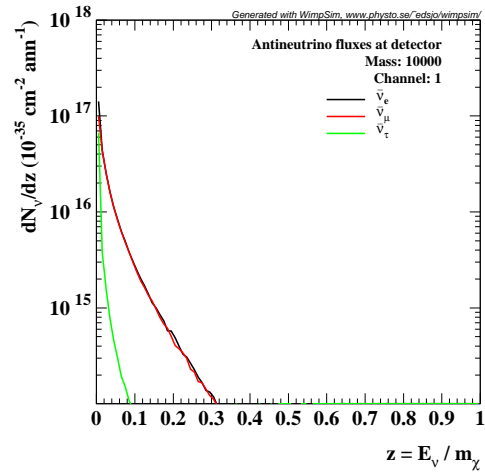
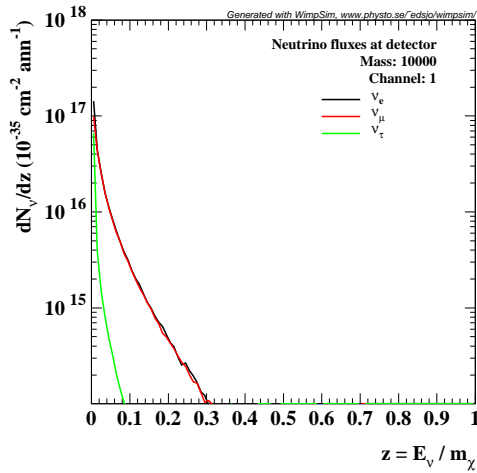
#### 19.1.2 Charged leptons at neutrino-nucleon vertex (Sun)



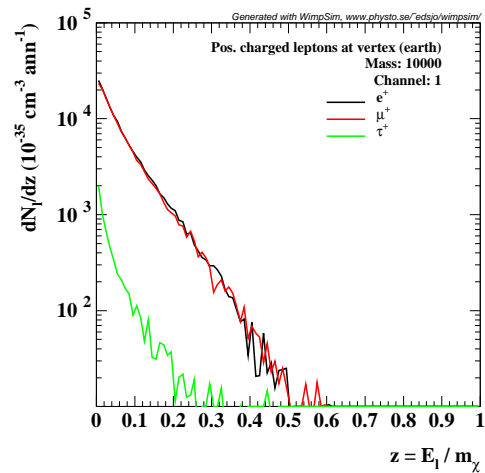
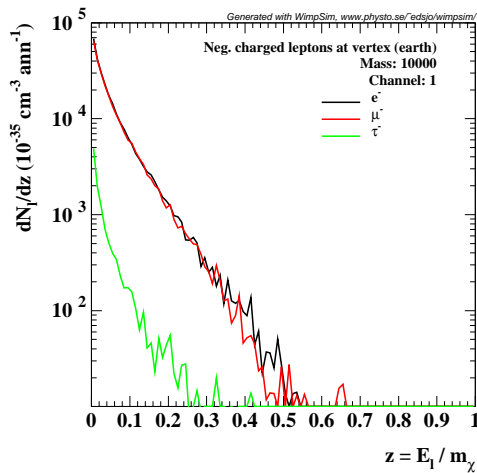
### 19.1.3 Hadronic shower at neutrino-nucleon vertex (Sun)



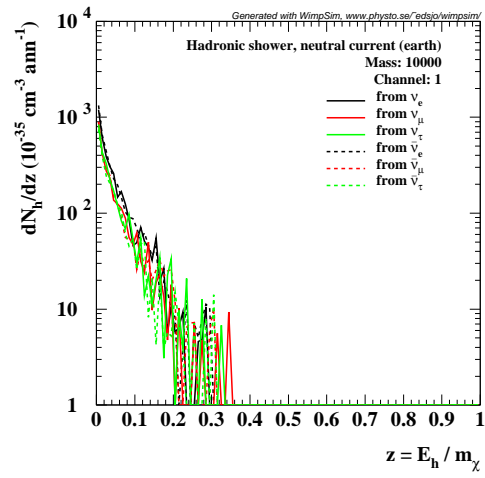
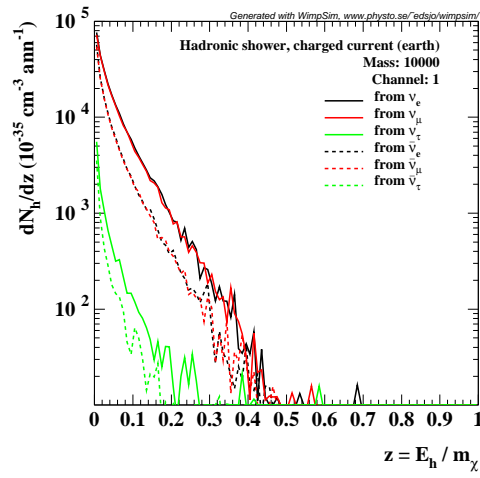
### 19.1.4 Neutrino fluxes at detector (Earth)



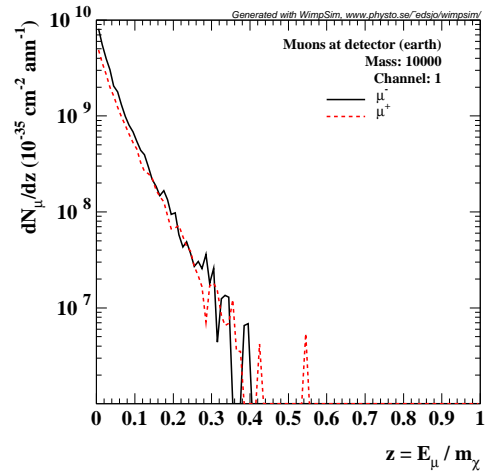
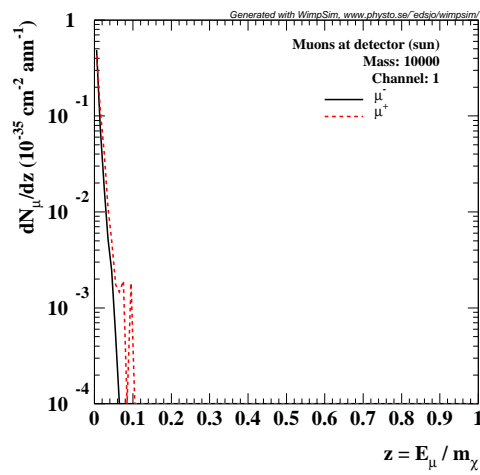
### 19.1.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 19.1.6 Hadronic shower at neutrino-nucleon vertex (Earth)

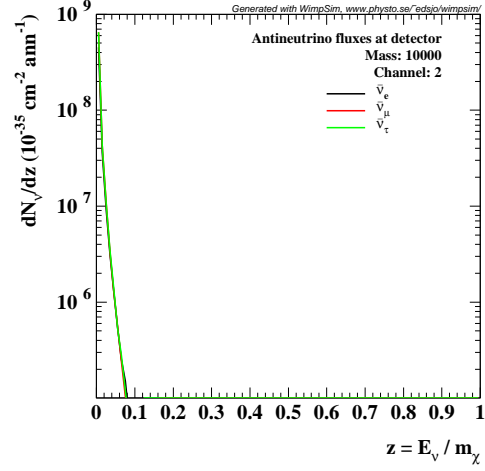
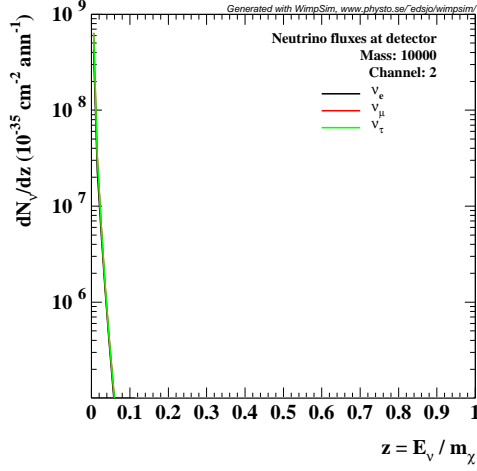


### 19.1.7 Muons at detector (Sun/Earth)

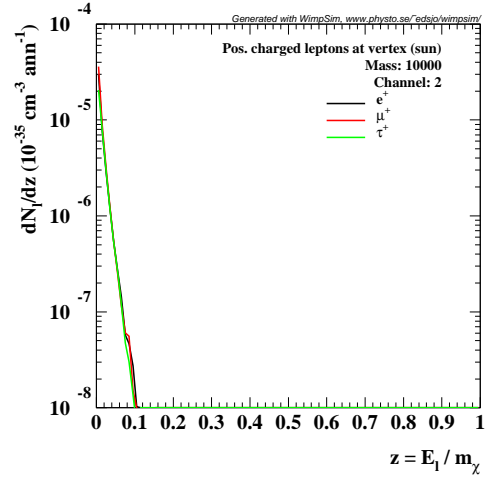
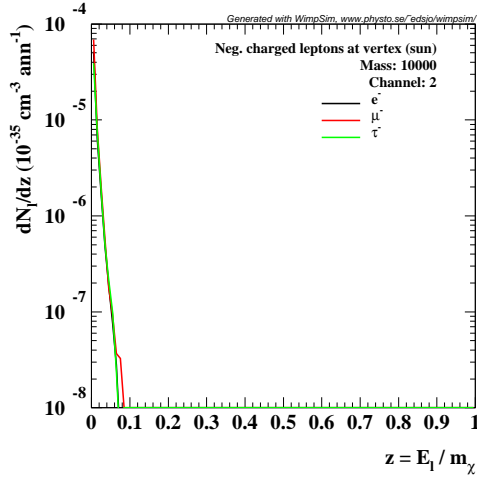


## 19.2 Channel 2 – $b\bar{b}$

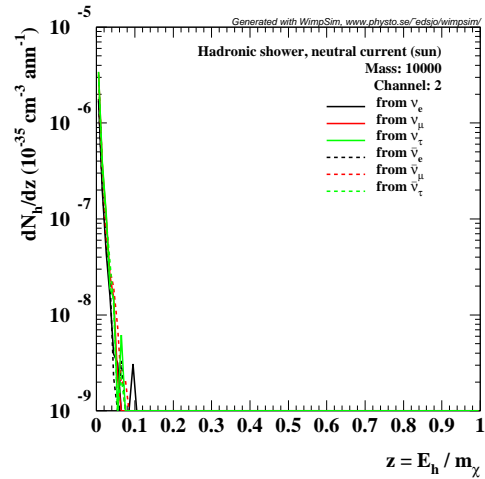
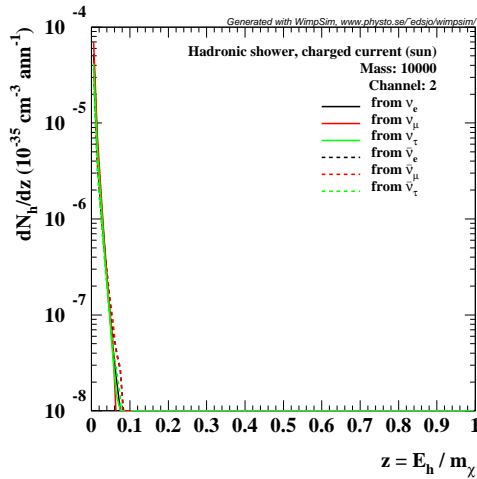
### 19.2.1 Neutrino fluxes at detector (Sun)



### 19.2.2 Charged leptons at neutrino-nucleon vertex (Sun)

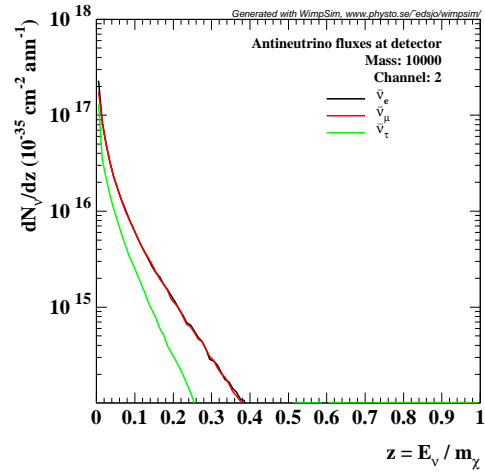
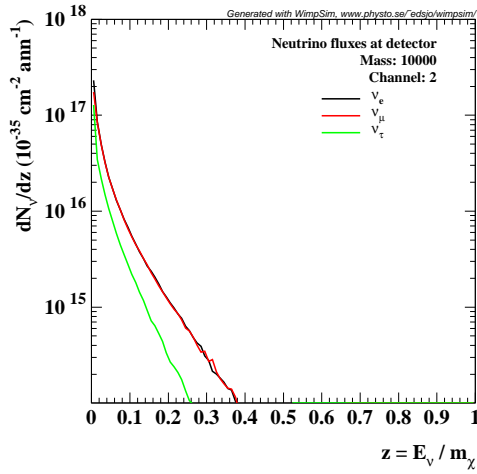


### 19.2.3 Hadronic shower at neutrino-nucleon vertex (Sun)

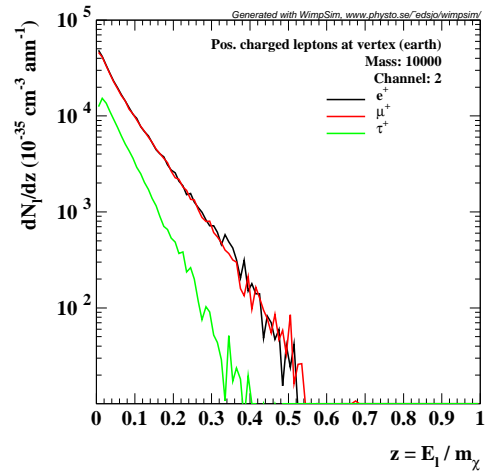
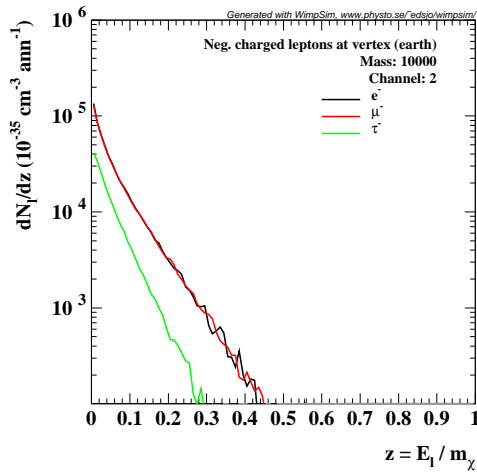




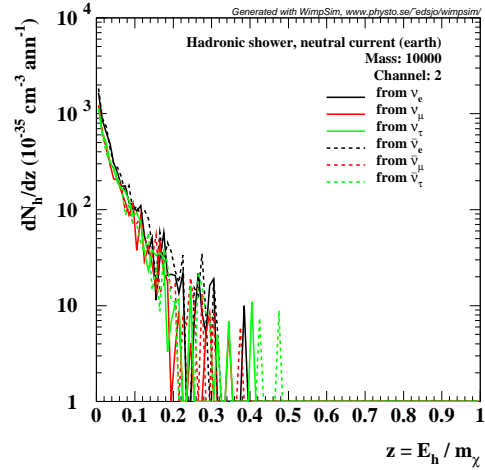
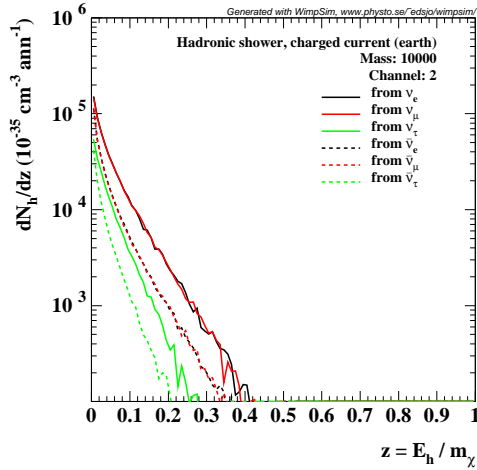
### 19.2.4 Neutrino fluxes at detector (Earth)



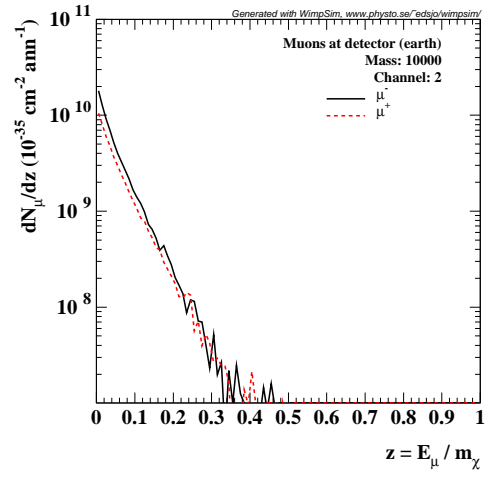
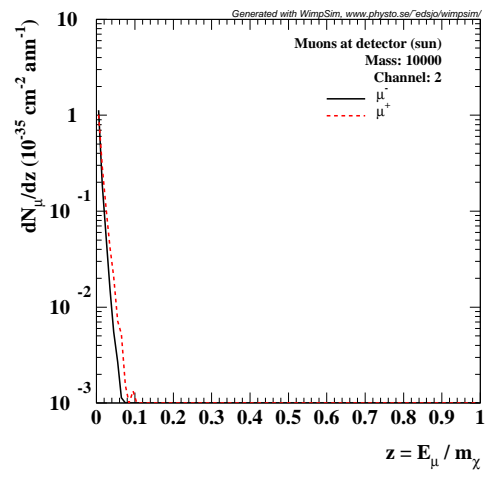
### 19.2.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 19.2.6 Hadronic shower at neutrino-nucleon vertex (Earth)

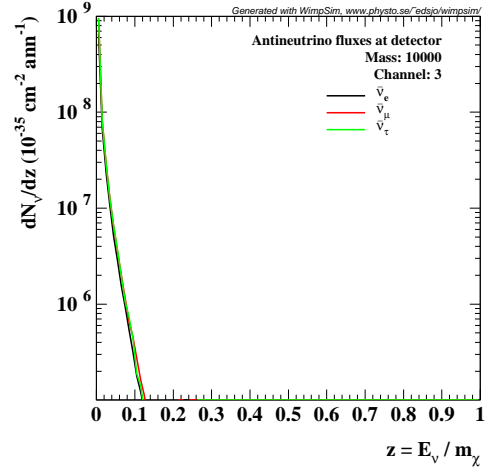
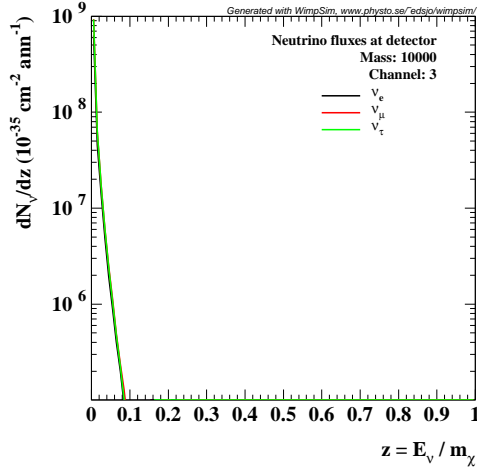


### 19.2.7 Muons at detector (Sun/Earth)

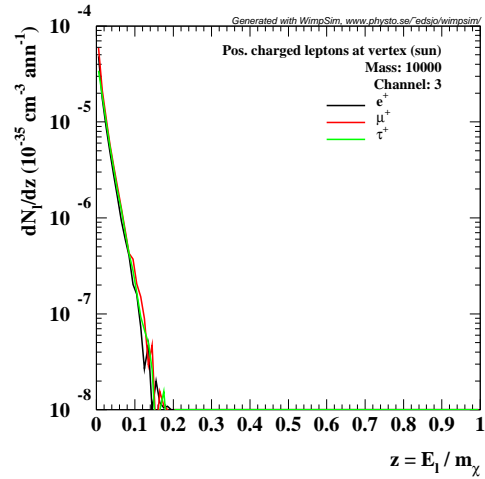
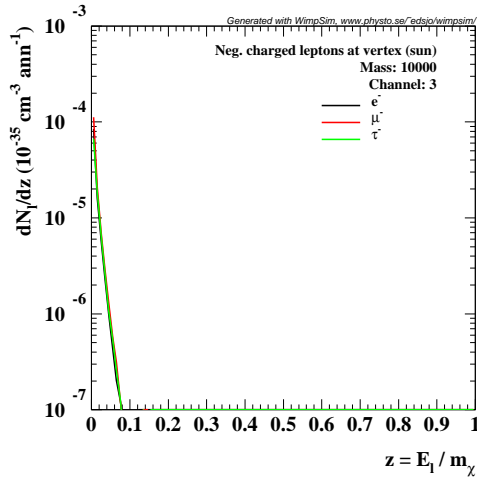


## 19.3 Channel 3 – $t\bar{t}$

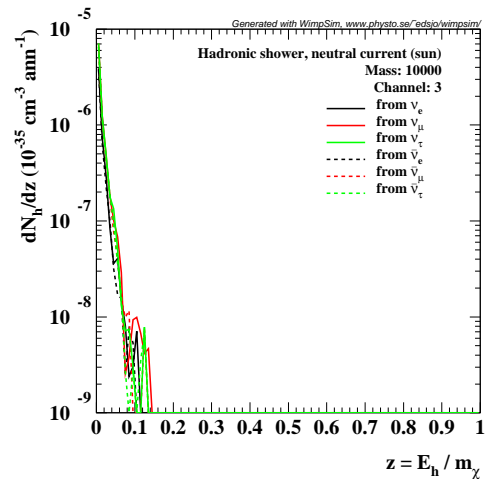
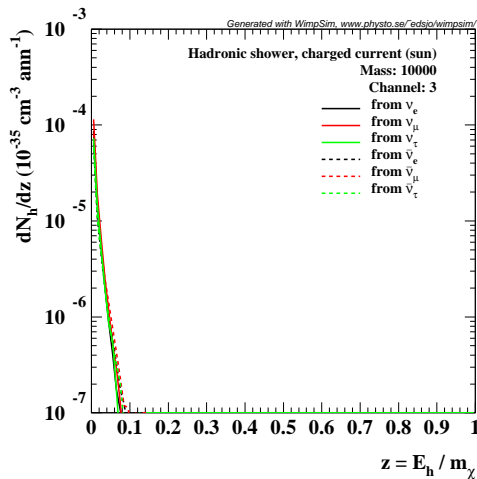
### 19.3.1 Neutrino fluxes at detector (Sun)



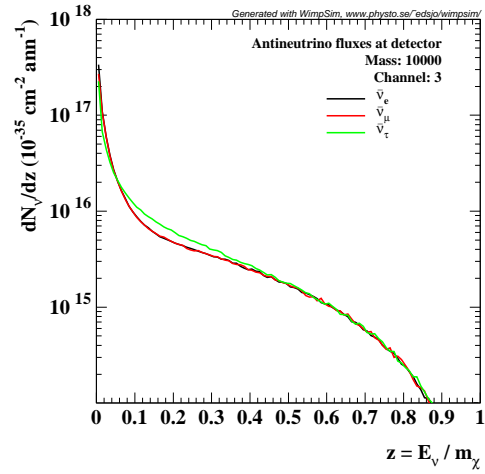
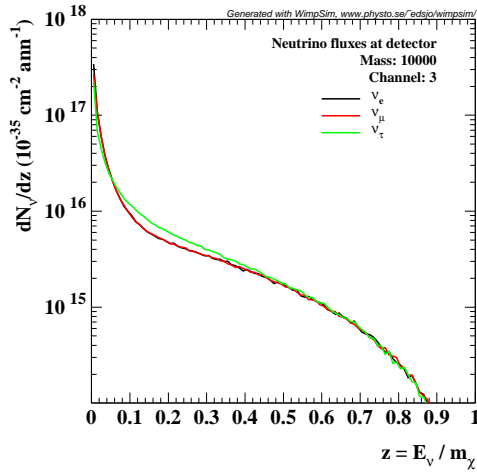
### 19.3.2 Charged leptons at neutrino-nucleon vertex (Sun)



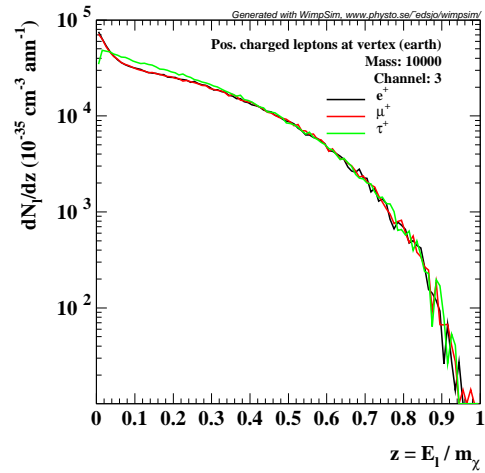
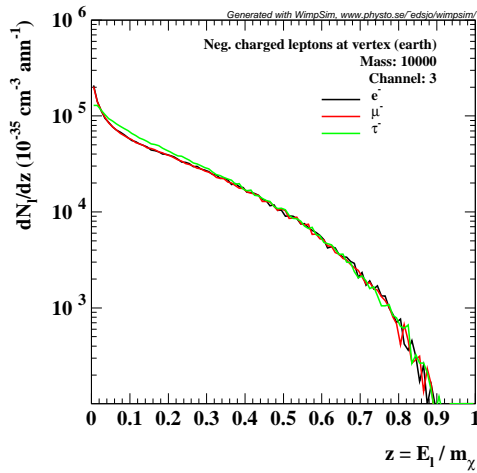
### 19.3.3 Hadronic shower at neutrino-nucleon vertex (Sun)



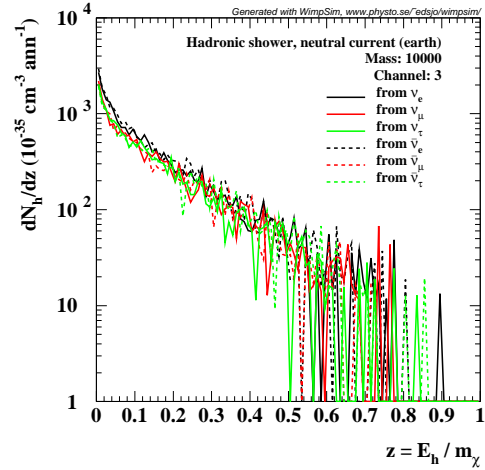
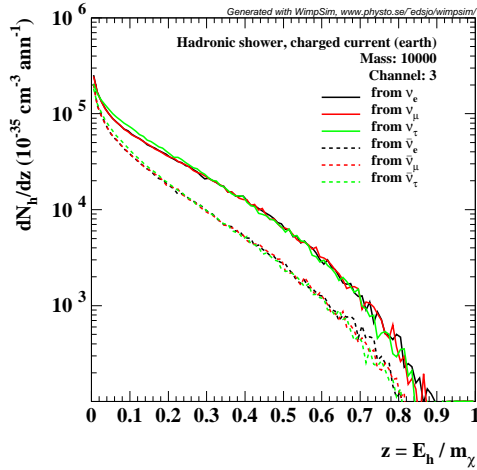
### 19.3.4 Neutrino fluxes at detector (Earth)



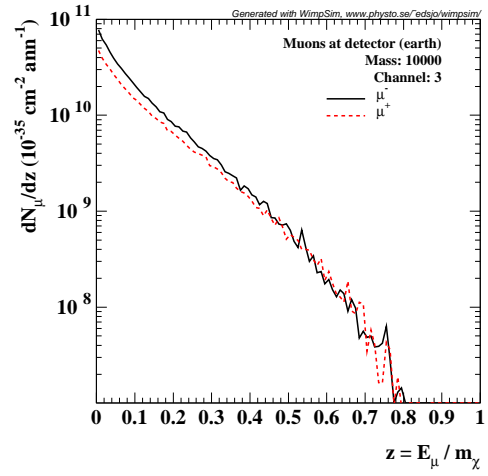
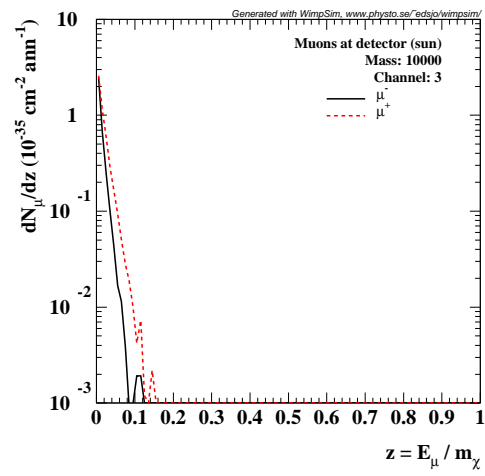
### 19.3.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 19.3.6 Hadronic shower at neutrino-nucleon vertex (Earth)

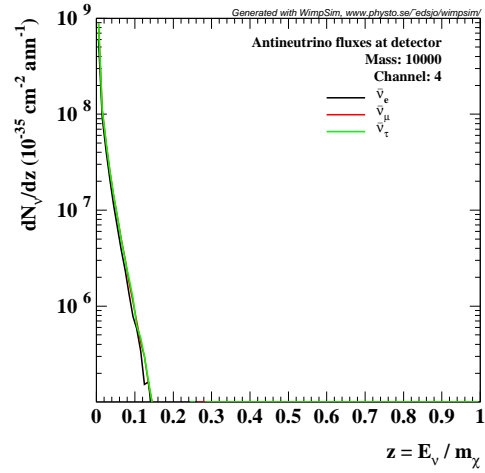
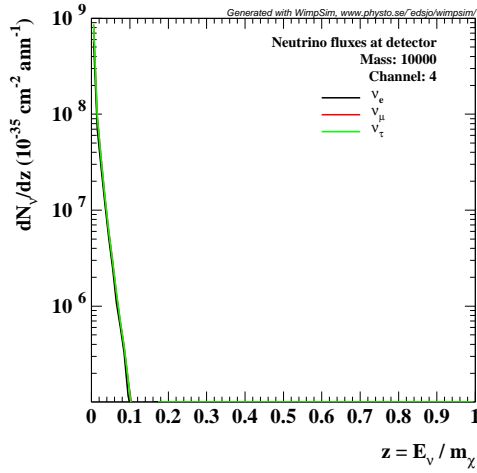


### 19.3.7 Muons at detector (Sun/Earth)

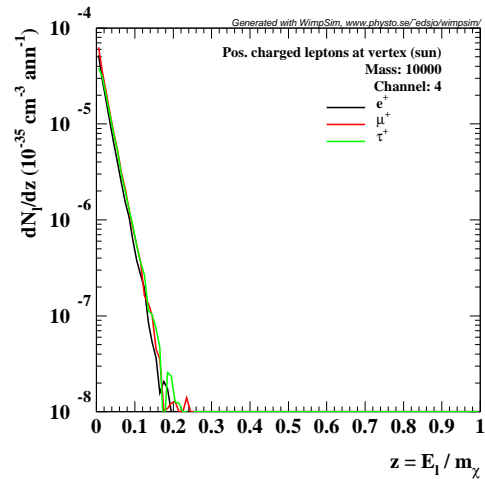
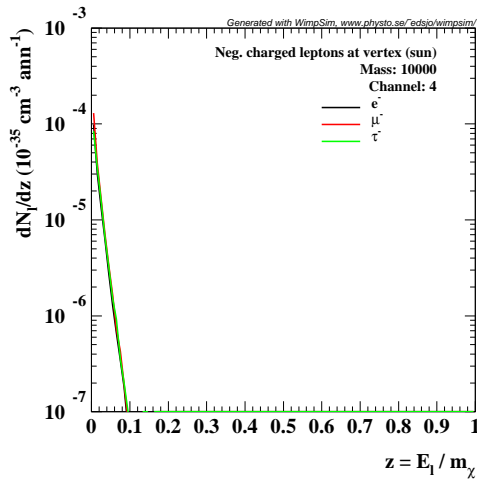


## 19.4 Channel 4 – $\tau^- \tau^+$

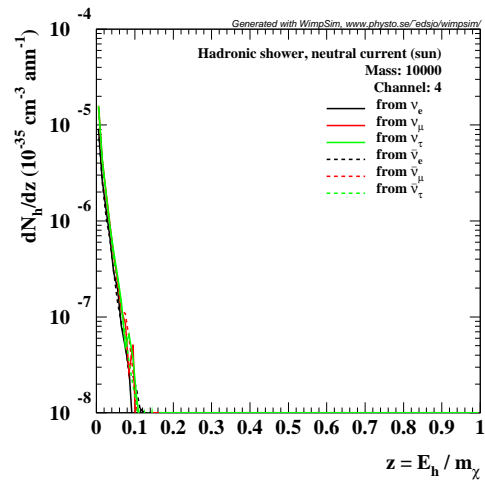
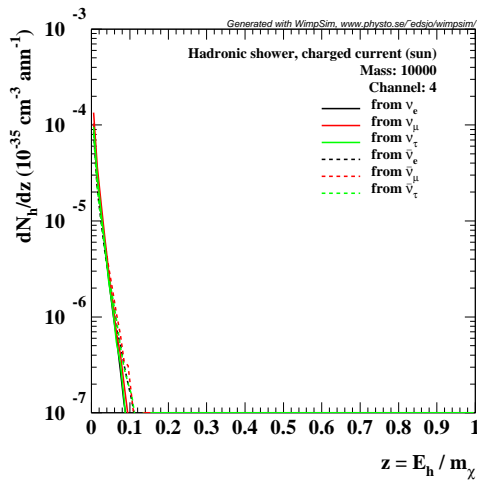
### 19.4.1 Neutrino fluxes at detector (Sun)



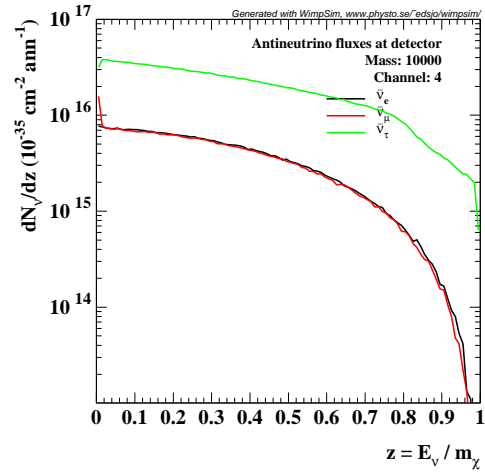
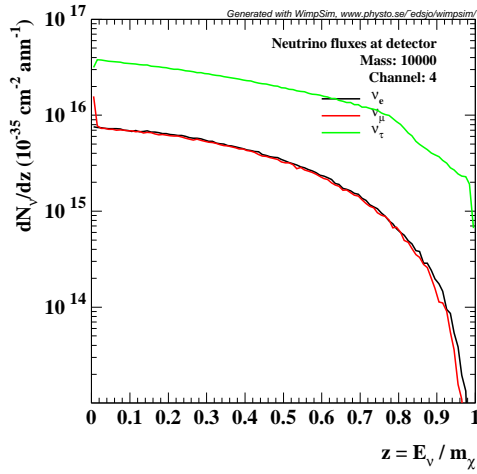
### 19.4.2 Charged leptons at neutrino-nucleon vertex (Sun)



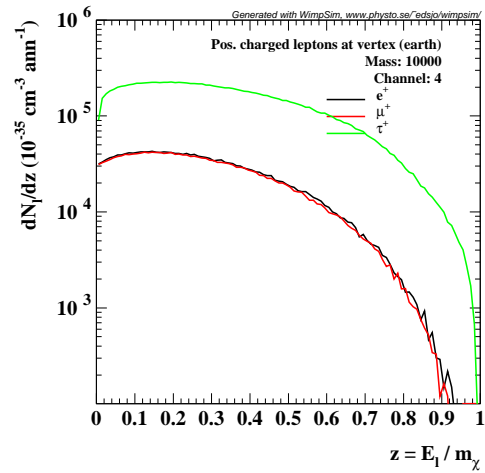
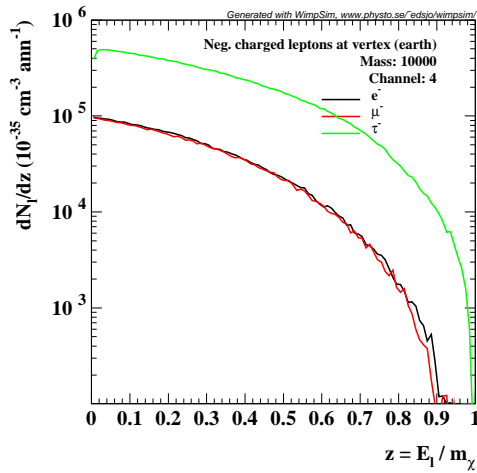
### 19.4.3 Hadronic shower at neutrino-nucleon vertex (Sun)



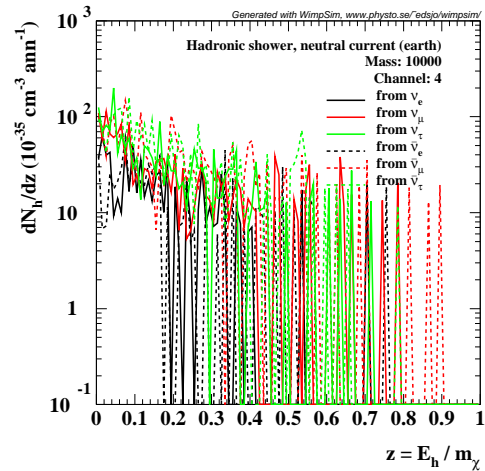
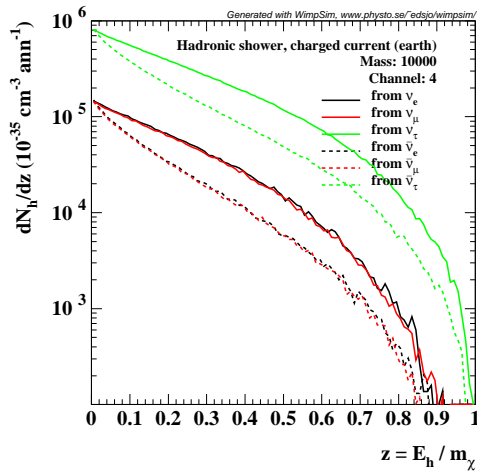
#### 19.4.4 Neutrino fluxes at detector (Earth)



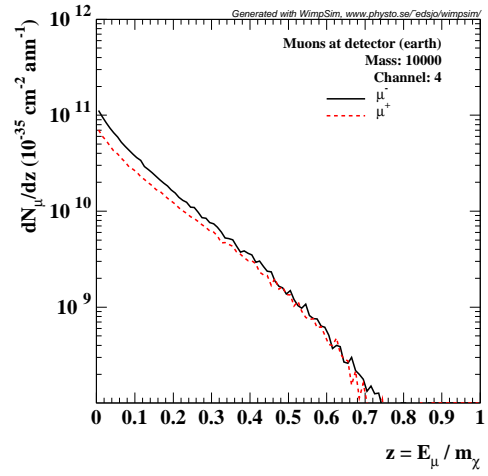
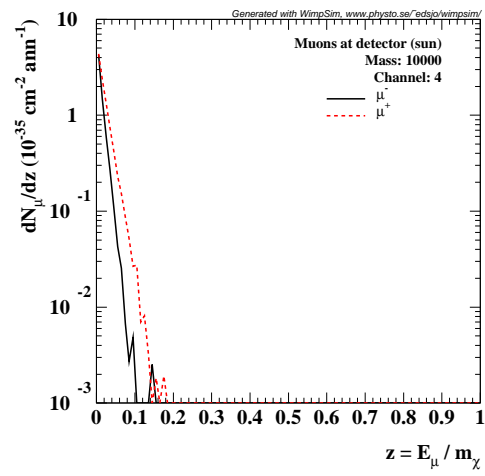
#### 19.4.5 Charged leptons at neutrino-nucleon vertex (Earth)



#### 19.4.6 Hadronic shower at neutrino-nucleon vertex (Earth)



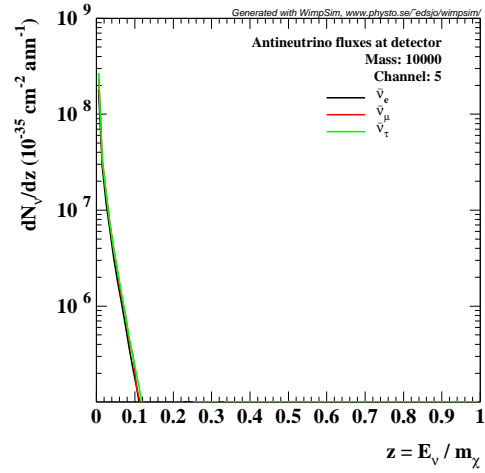
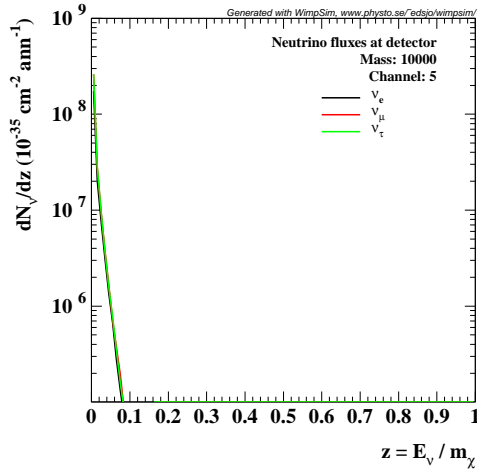
### 19.4.7 Muons at detector (Sun/Earth)



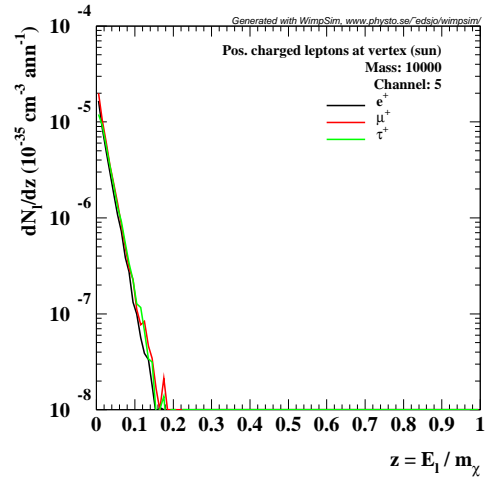
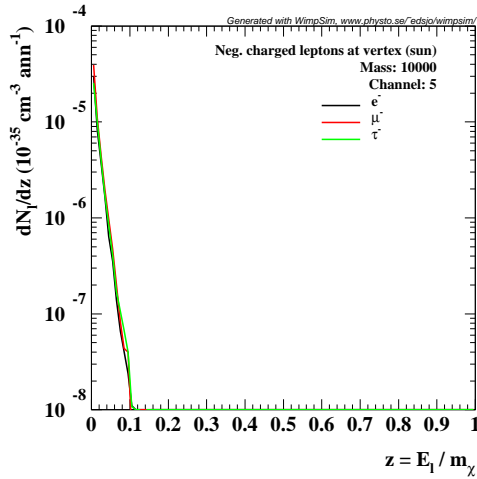


## 19.5 Channel 5 – $W^-W^+$

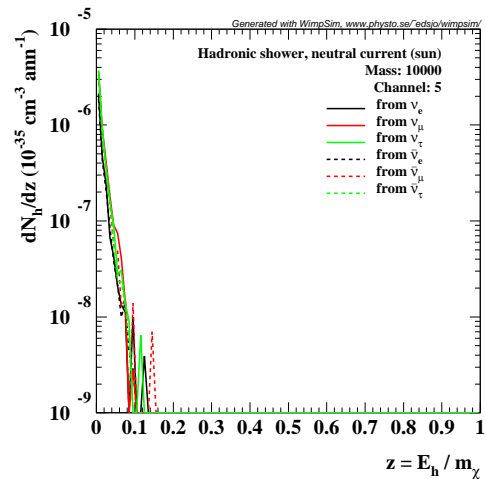
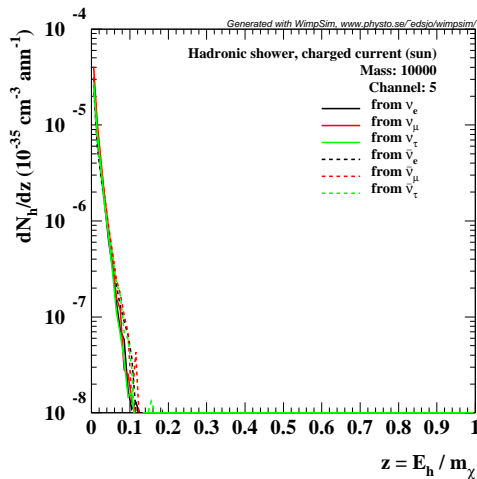
### 19.5.1 Neutrino fluxes at detector (Sun)



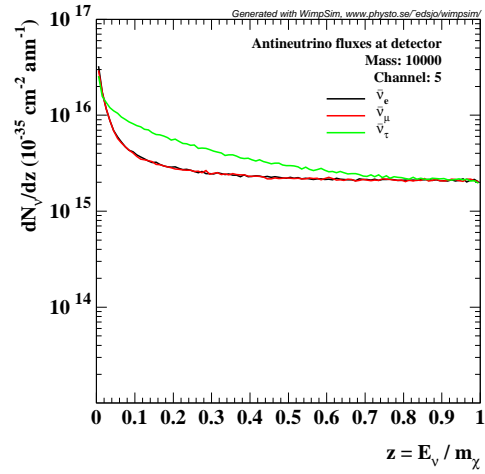
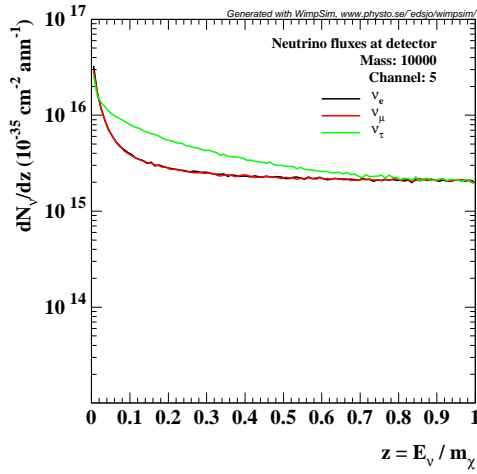
### 19.5.2 Charged leptons at neutrino-nucleon vertex (Sun)



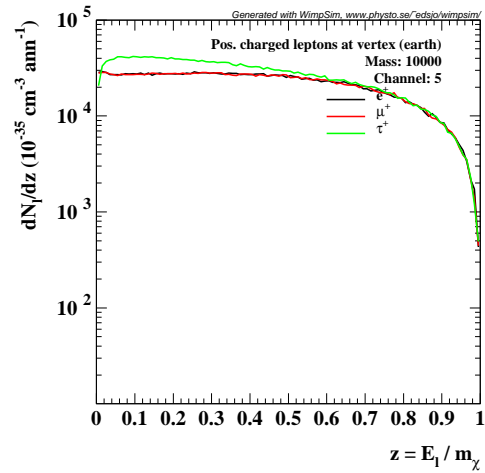
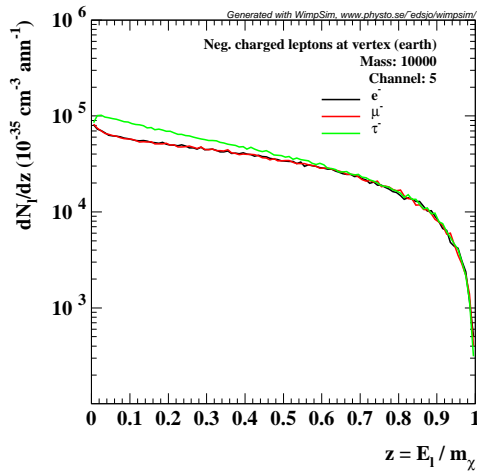
### 19.5.3 Hadronic shower at neutrino-nucleon vertex (Sun)



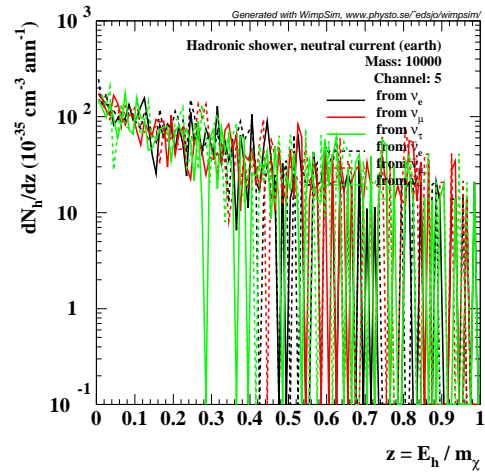
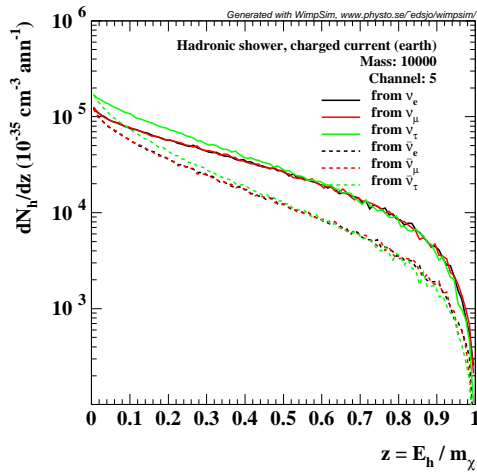
### 19.5.4 Neutrino fluxes at detector (Earth)



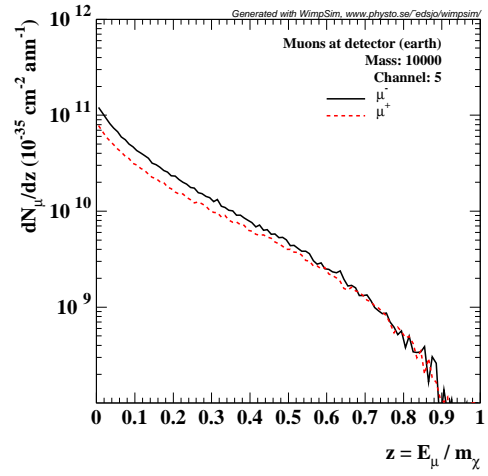
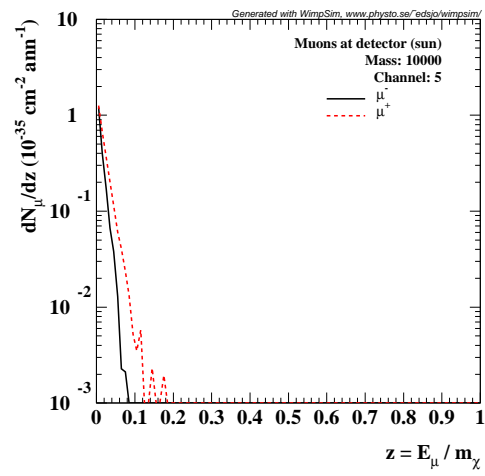
### 19.5.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 19.5.6 Hadronic shower at neutrino-nucleon vertex (Earth)

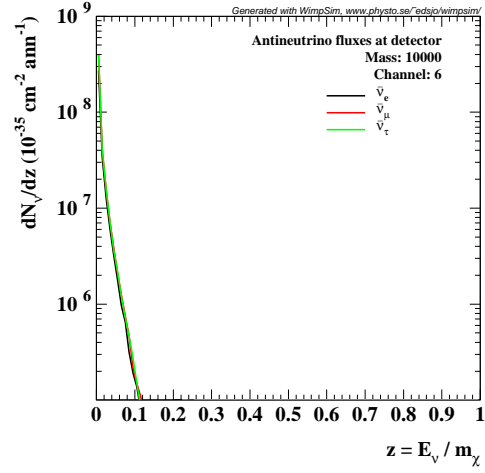
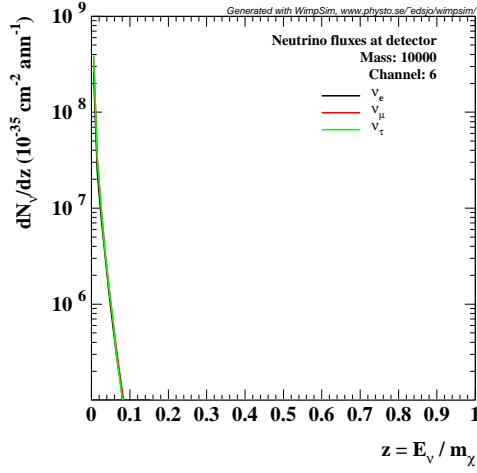


### 19.5.7 Muons at detector (Sun/Earth)

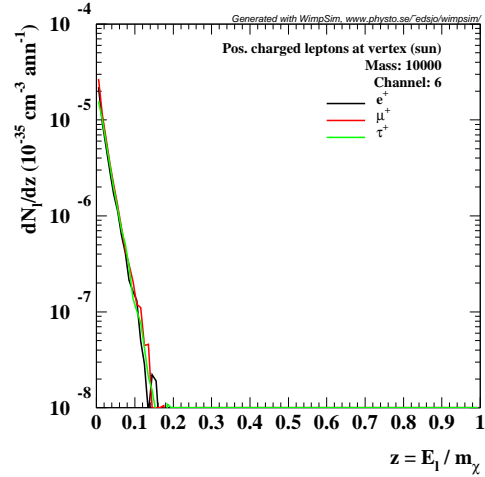
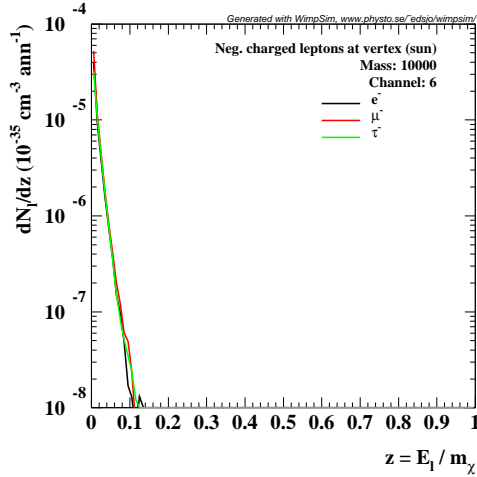


## 19.6 Channel 6 – $Z^0 Z^0$

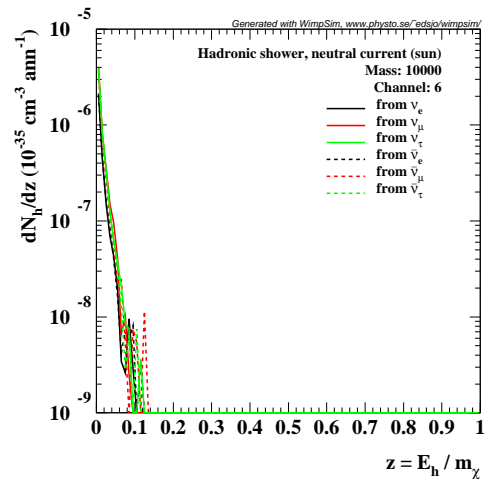
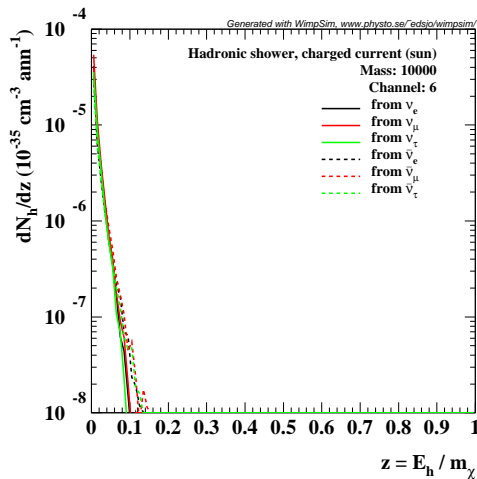
### 19.6.1 Neutrino fluxes at detector (Sun)



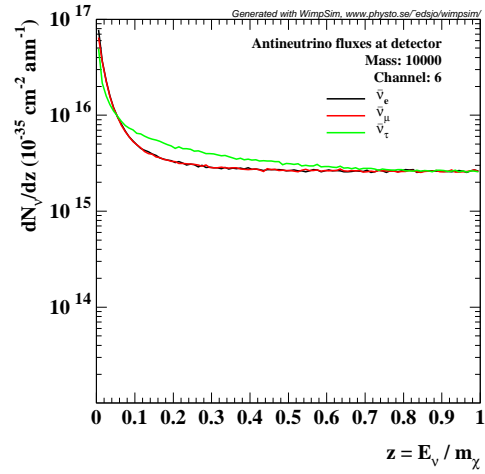
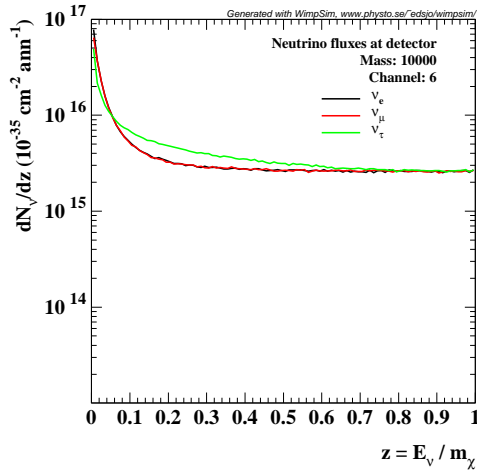
### 19.6.2 Charged leptons at neutrino-nucleon vertex (Sun)



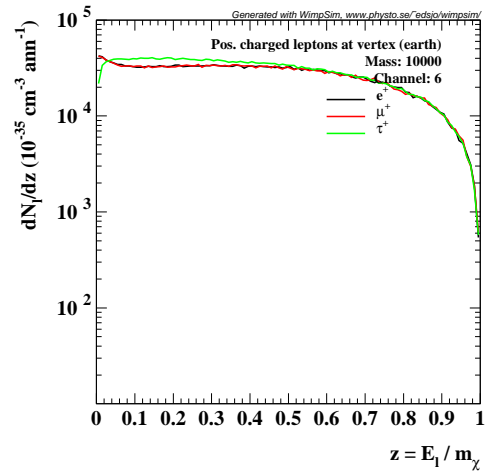
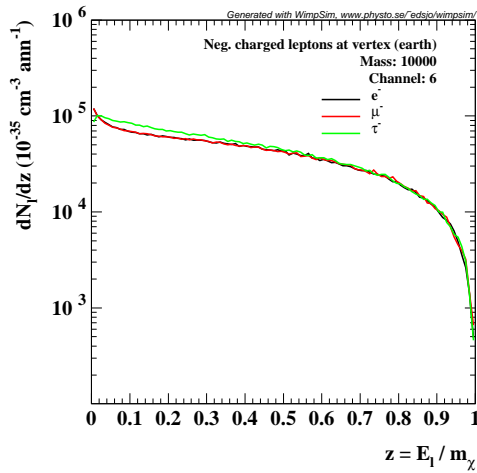
### 19.6.3 Hadronic shower at neutrino-nucleon vertex (Sun)



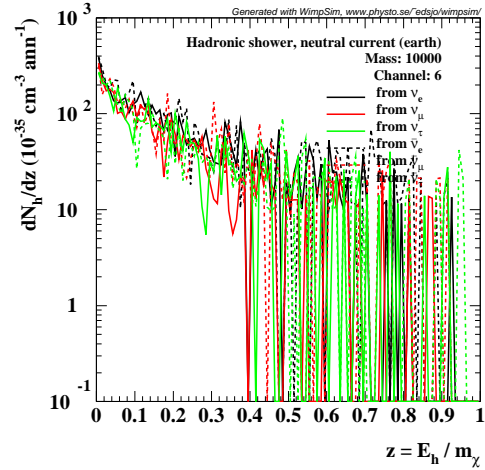
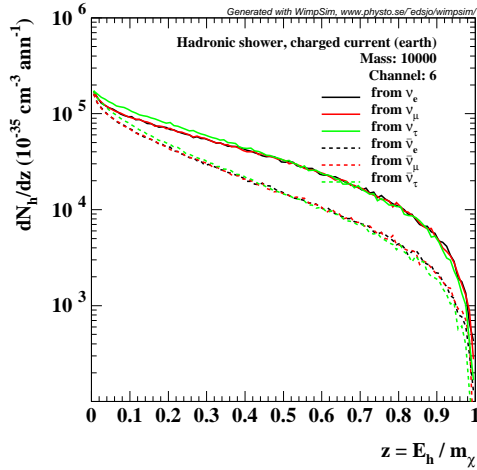
### 19.6.4 Neutrino fluxes at detector (Earth)



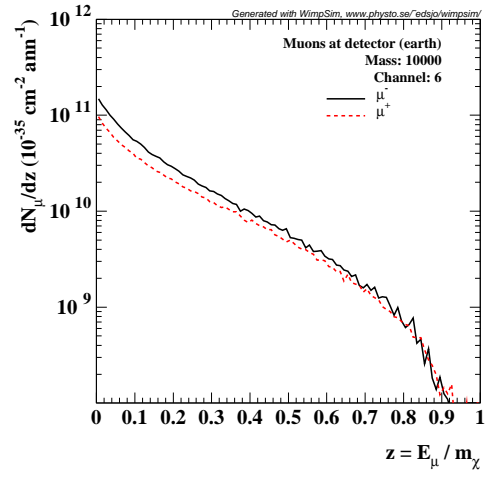
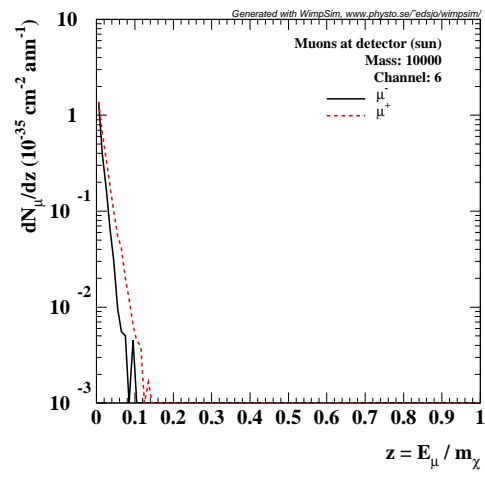
### 19.6.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 19.6.6 Hadronic shower at neutrino-nucleon vertex (Earth)

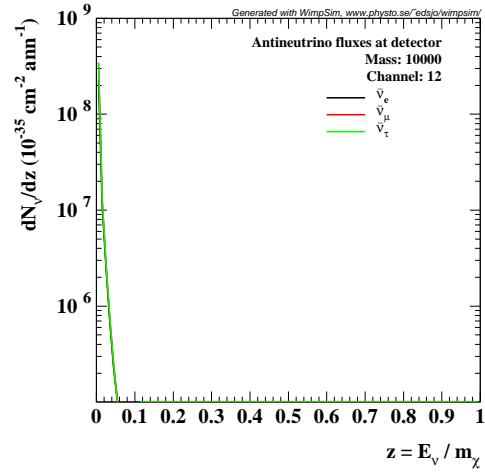
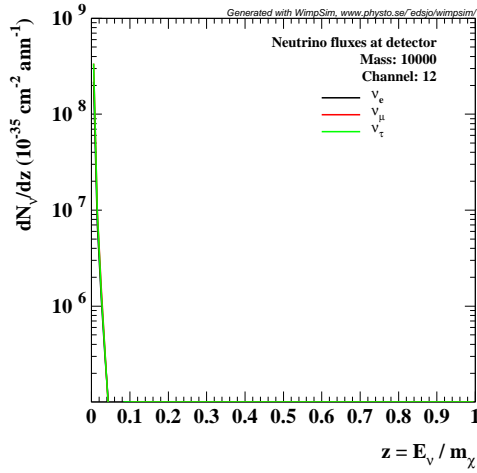


### 19.6.7 Muons at detector (Sun/Earth)

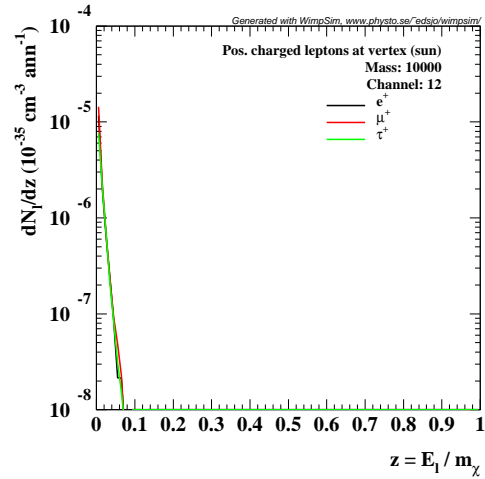
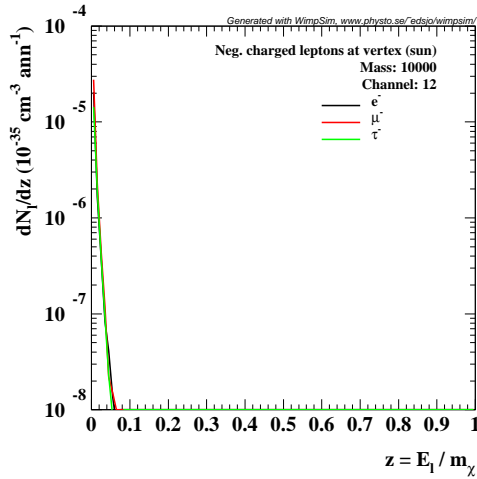


## 19.7 Channel 12 – $gg$

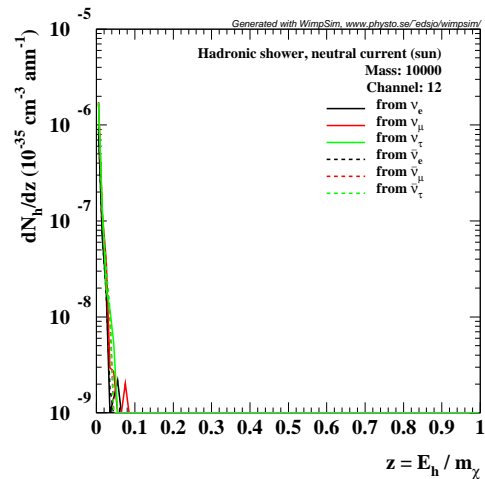
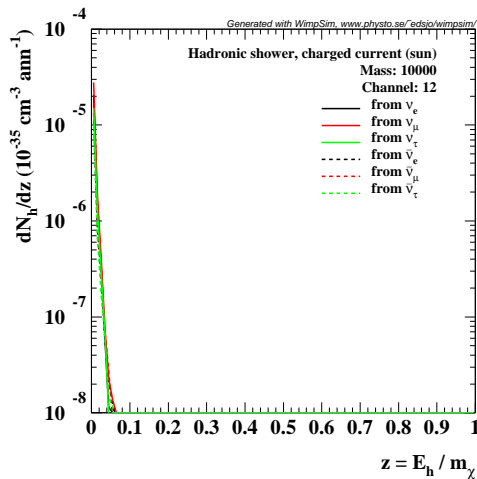
### 19.7.1 Neutrino fluxes at detector (Sun)



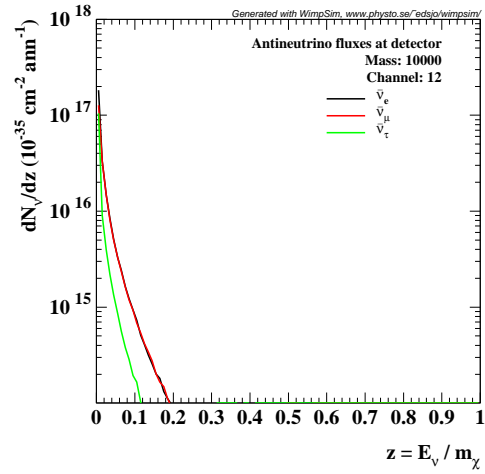
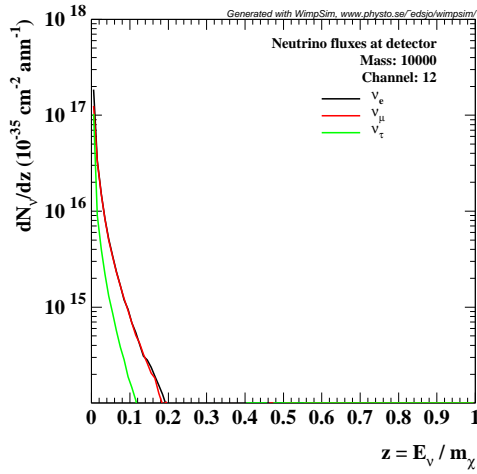
### 19.7.2 Charged leptons at neutrino-nucleon vertex (Sun)



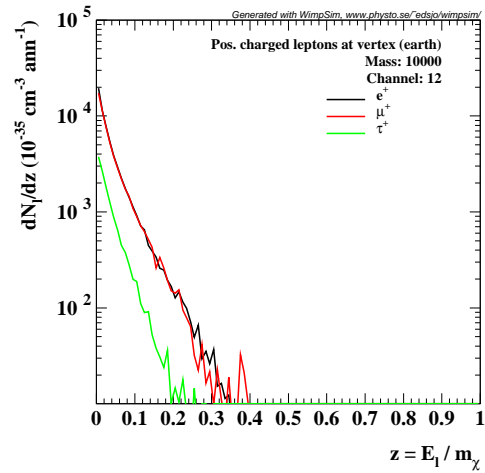
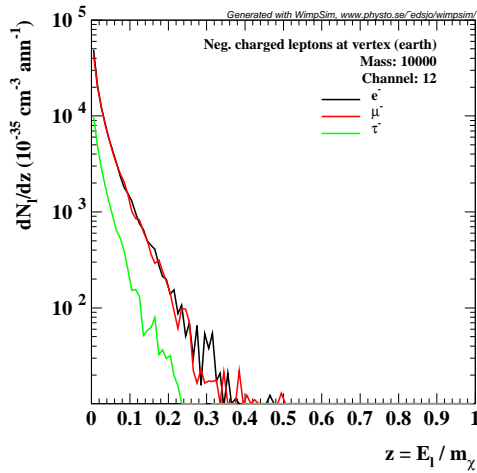
### 19.7.3 Hadronic shower at neutrino-nucleon vertex (Sun)



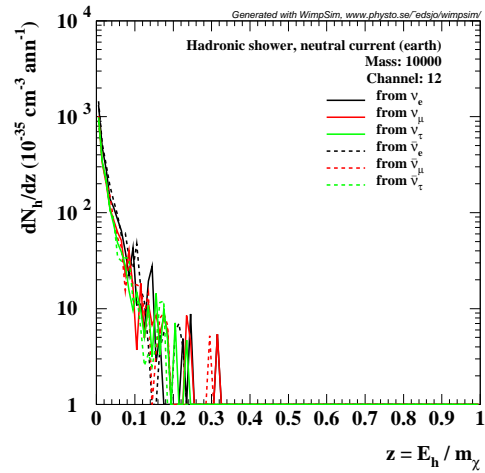
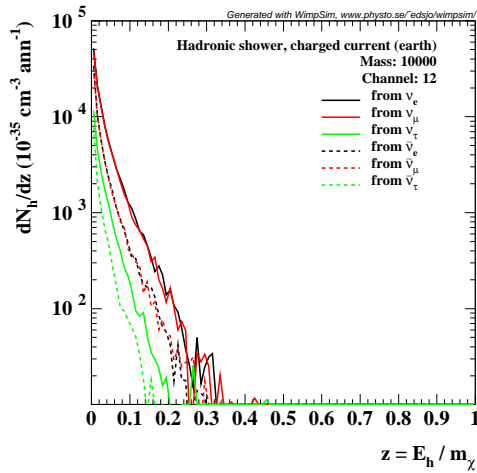
### 19.7.4 Neutrino fluxes at detector (Earth)



### 19.7.5 Charged leptons at neutrino-nucleon vertex (Earth)

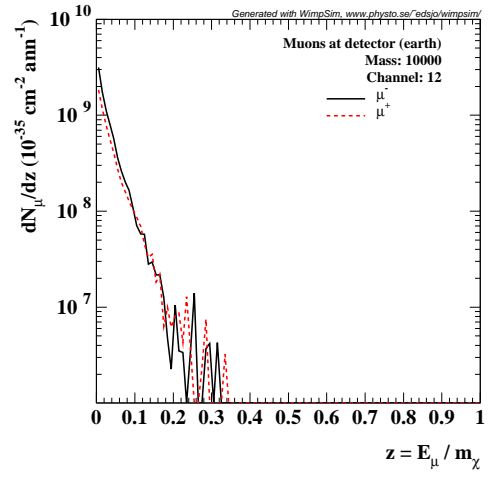
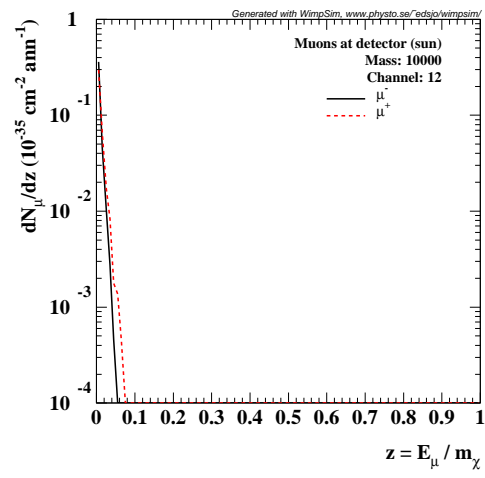


### 19.7.6 Hadronic shower at neutrino-nucleon vertex (Earth)



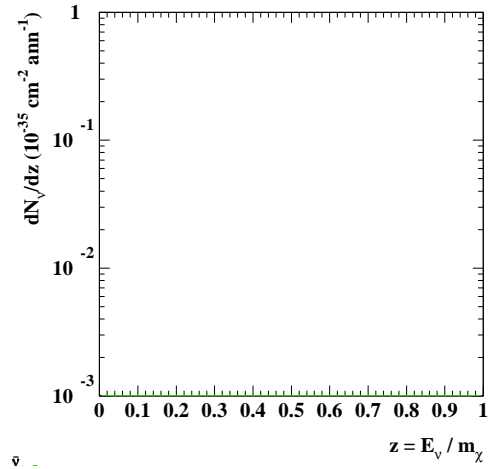
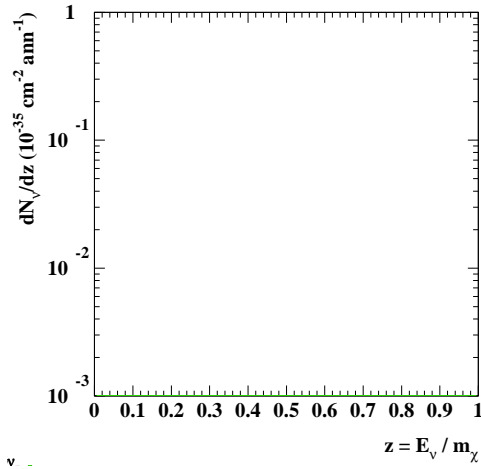


### 19.7.7 Muons at detector (Sun/Earth)

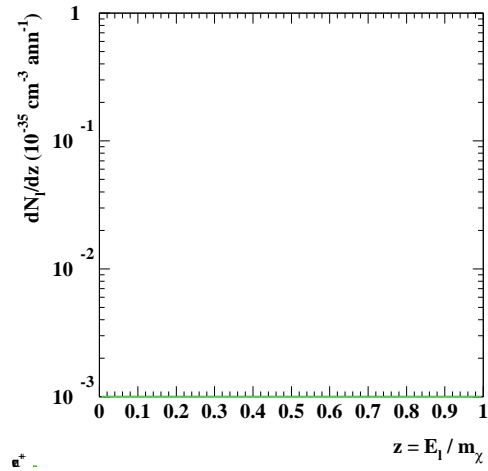
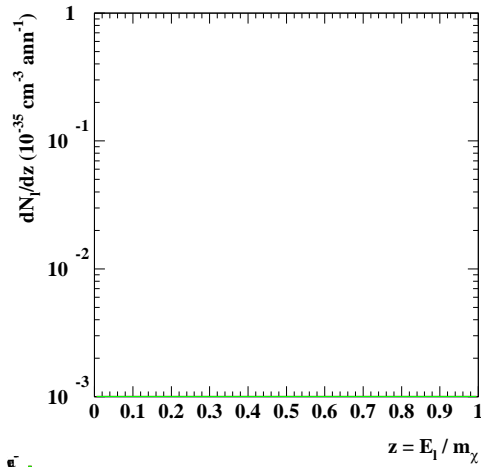


## 19.8 Channel 16 – $\nu_e \bar{\nu}_e$

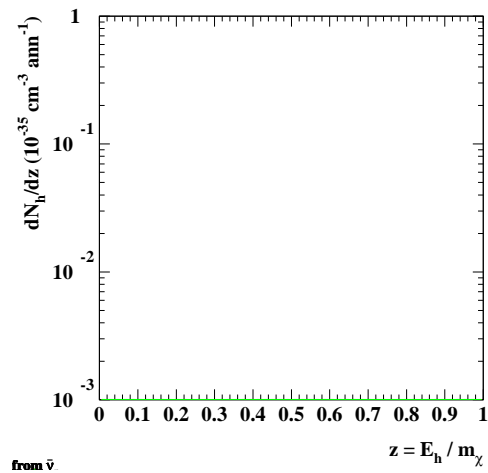
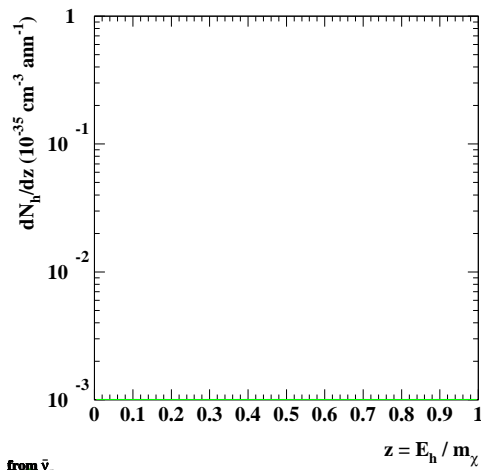
### 19.8.1 Neutrino fluxes at detector (Sun)



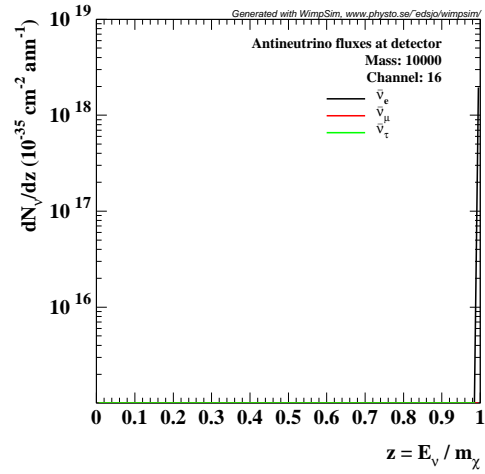
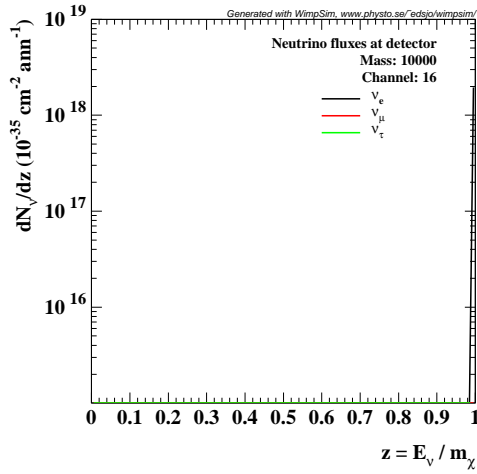
### 19.8.2 Charged leptons at neutrino-nucleon vertex (Sun)



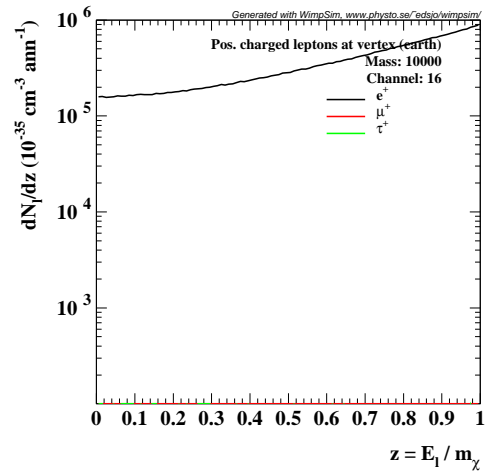
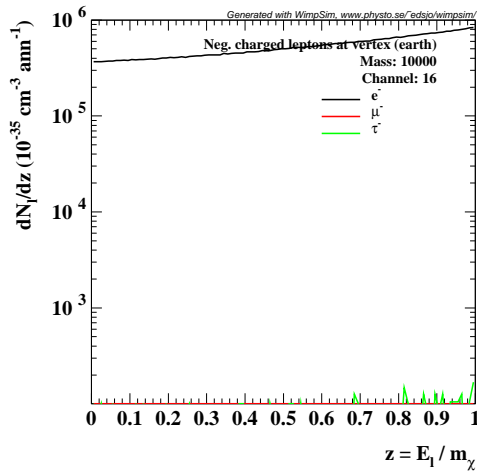
### 19.8.3 Hadronic shower at neutrino-nucleon vertex (Sun)



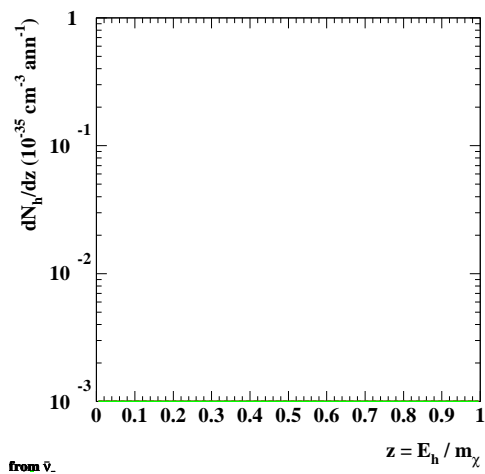
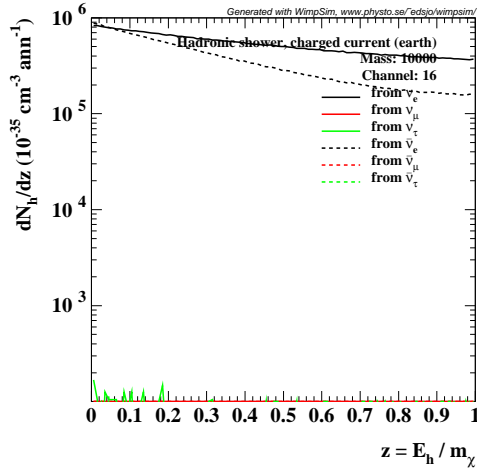
### 19.8.4 Neutrino fluxes at detector (Earth)



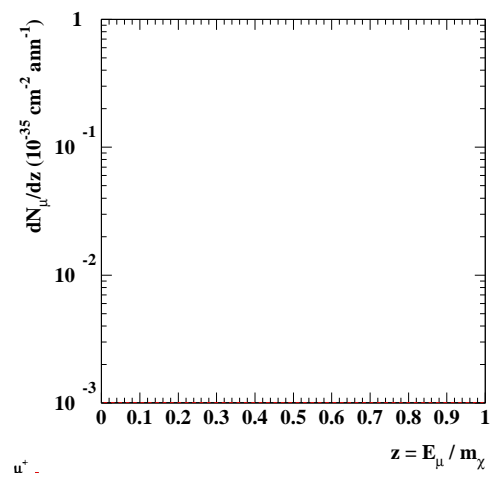
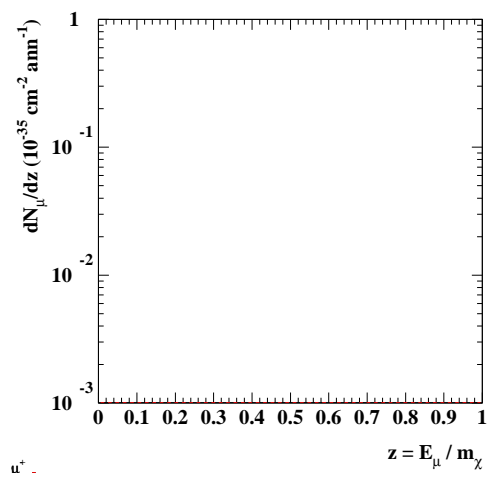
### 19.8.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 19.8.6 Hadronic shower at neutrino-nucleon vertex (Earth)

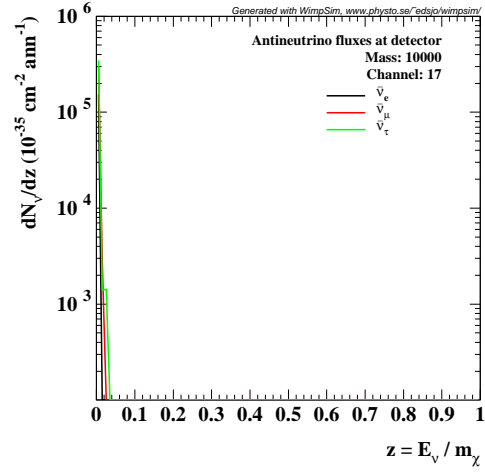
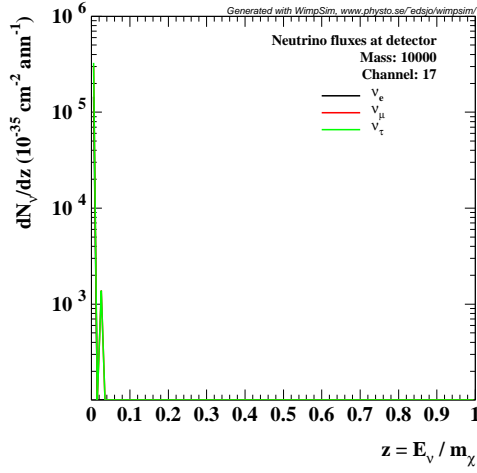


### 19.8.7 Muons at detector (Sun/Earth)

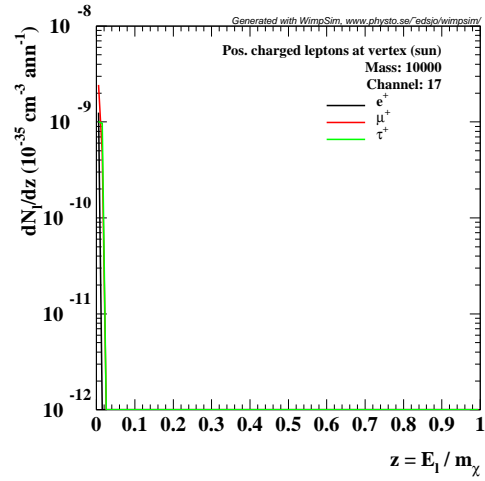
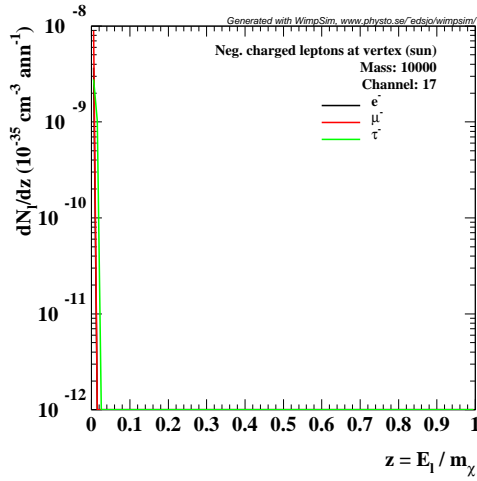


## 19.9 Channel 17 – $\nu_\mu \bar{\nu}_\mu$

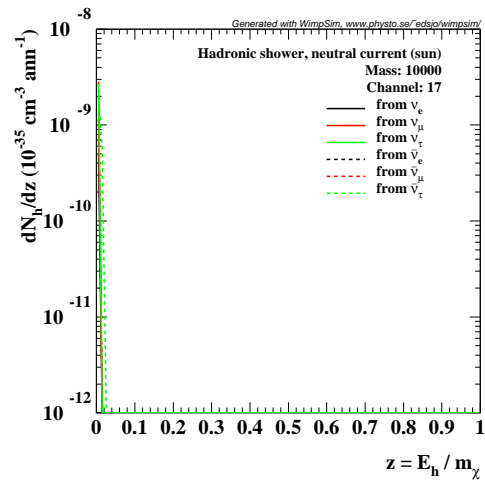
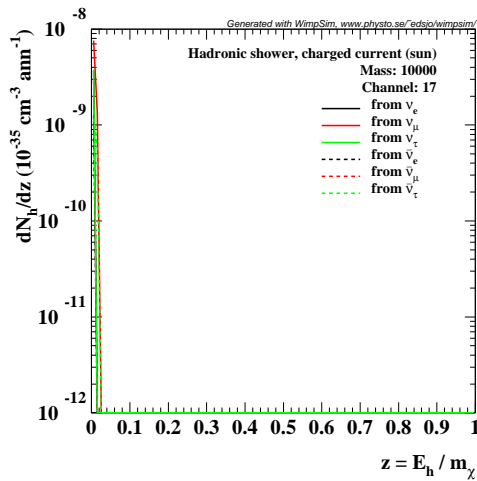
### 19.9.1 Neutrino fluxes at detector (Sun)



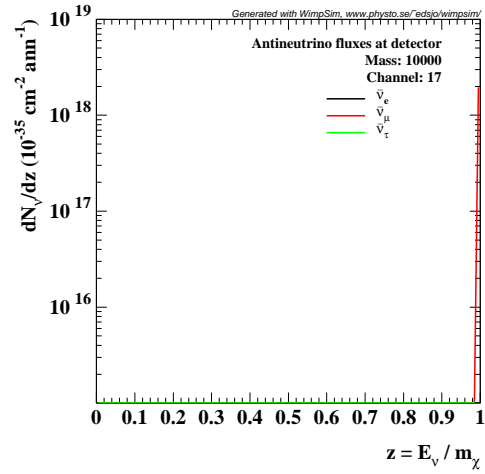
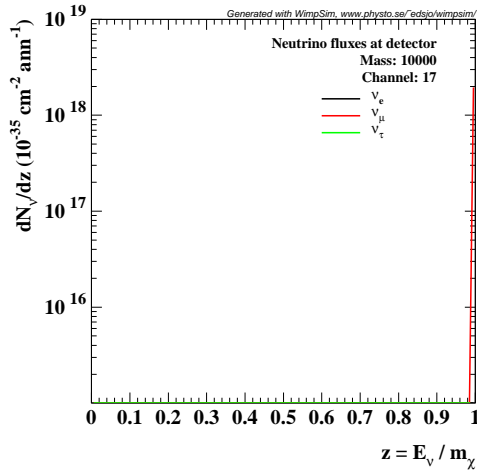
### 19.9.2 Charged leptons at neutrino-nucleon vertex (Sun)



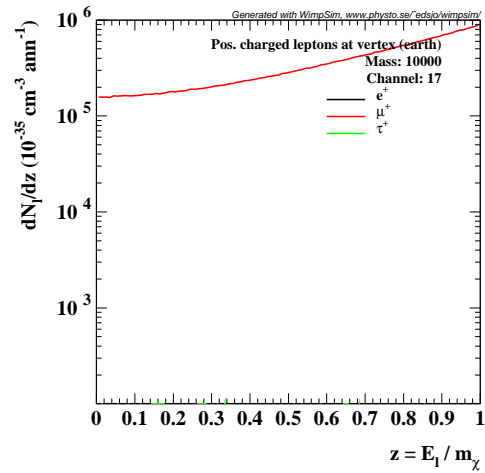
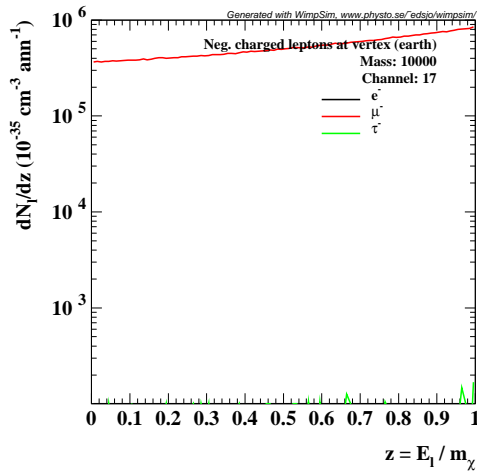
### 19.9.3 Hadronic shower at neutrino-nucleon vertex (Sun)



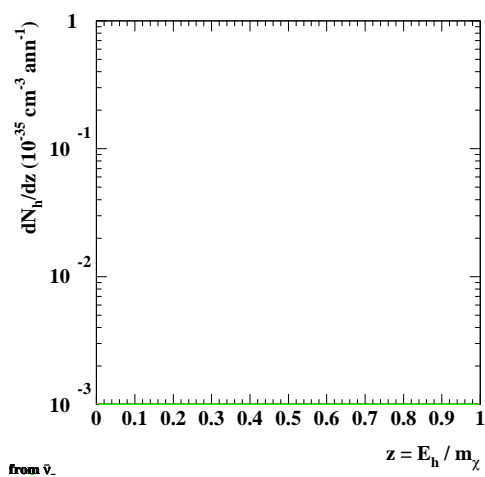
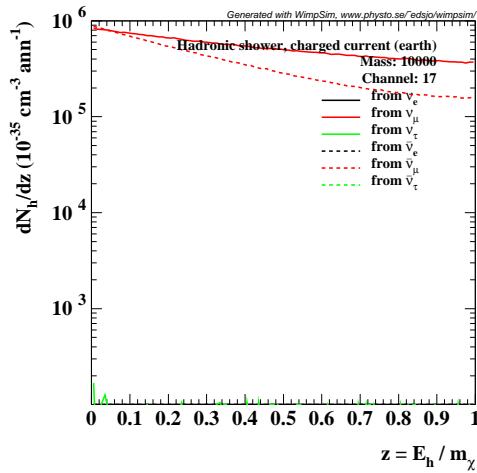
### 19.9.4 Neutrino fluxes at detector (Earth)



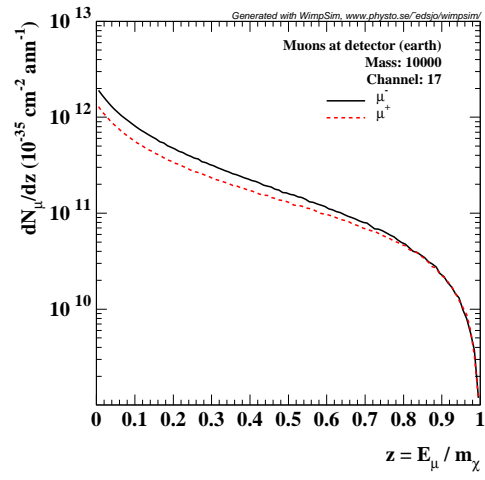
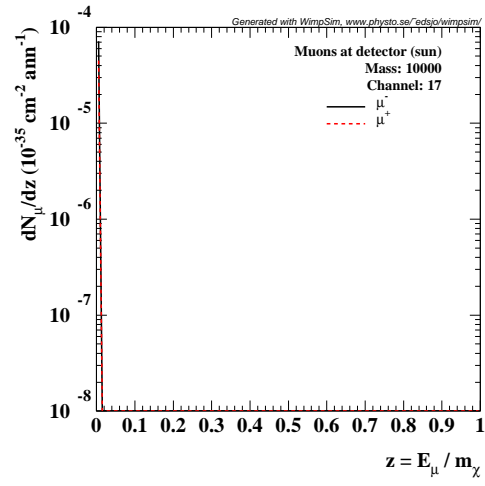
### 19.9.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 19.9.6 Hadronic shower at neutrino-nucleon vertex (Earth)

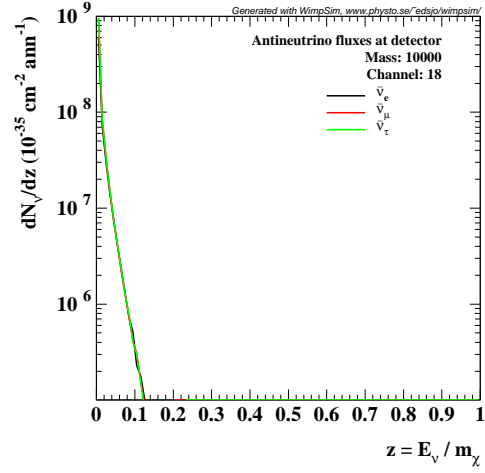
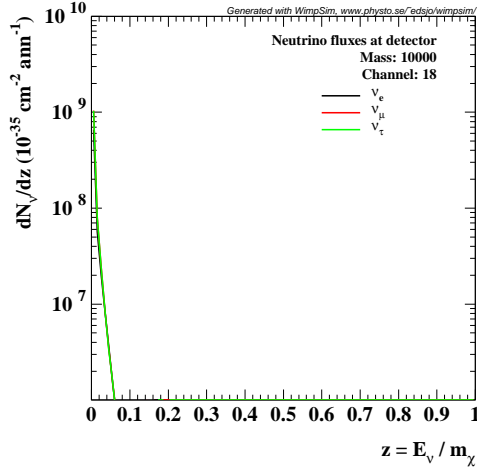


### 19.9.7 Muons at detector (Sun/Earth)

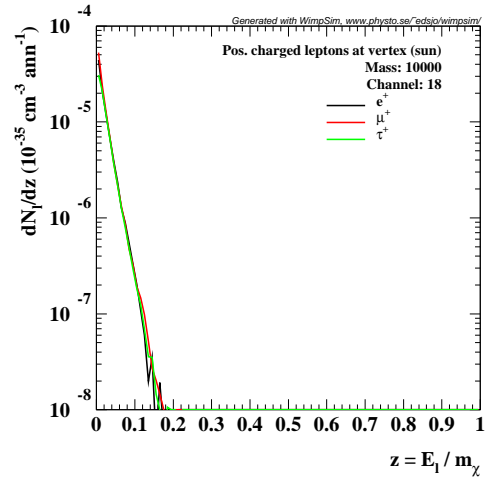
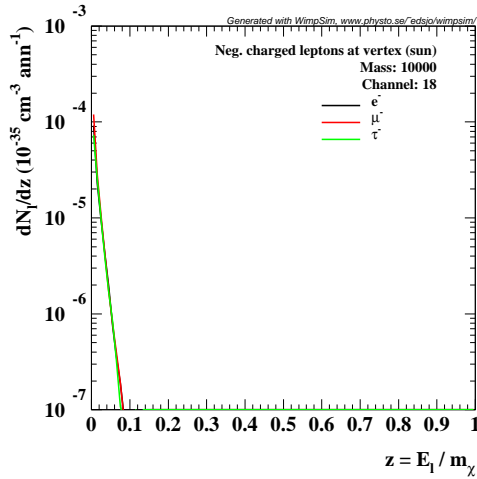


## 19.10 Channel 18 – $\nu_\tau \bar{\nu}_\tau$

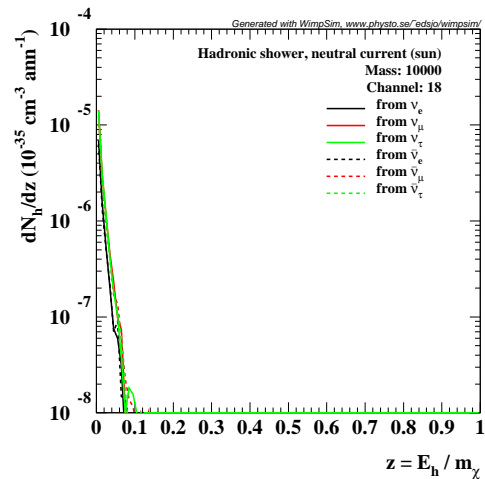
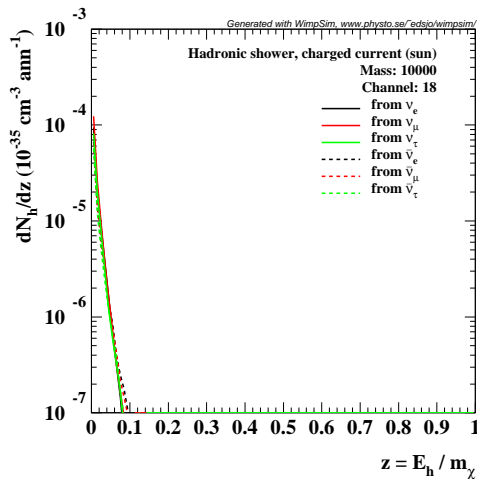
### 19.10.1 Neutrino fluxes at detector (Sun)



### 19.10.2 Charged leptons at neutrino-nucleon vertex (Sun)

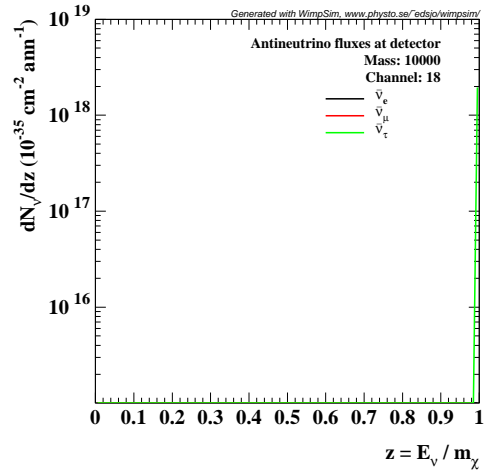
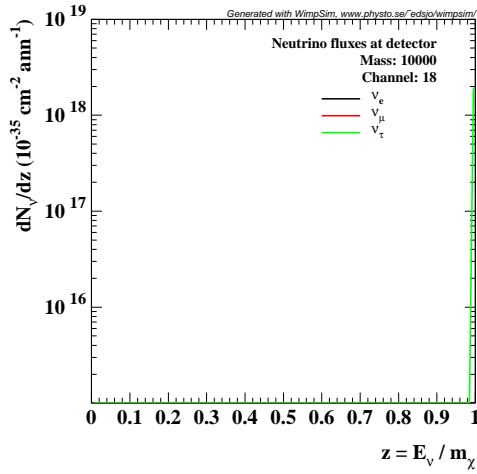


### 19.10.3 Hadronic shower at neutrino-nucleon vertex (Sun)

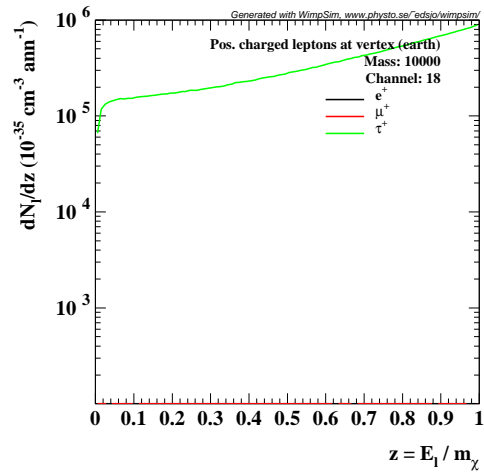
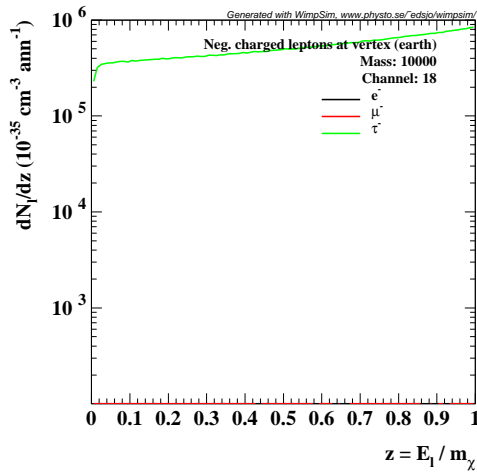




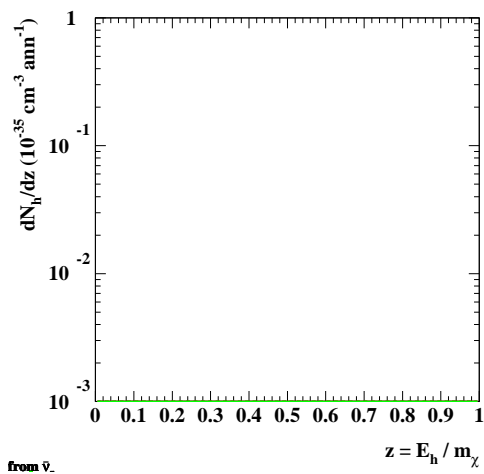
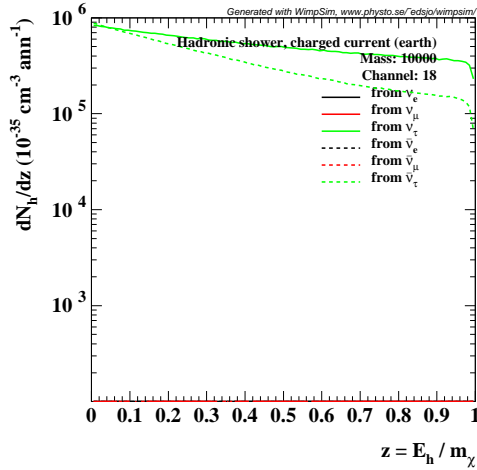
### 19.10.4 Neutrino fluxes at detector (Earth)



### 19.10.5 Charged leptons at neutrino-nucleon vertex (Earth)



### 19.10.6 Hadronic shower at neutrino-nucleon vertex (Earth)



### 19.10.7 Muons at detector (Sun/Earth)

