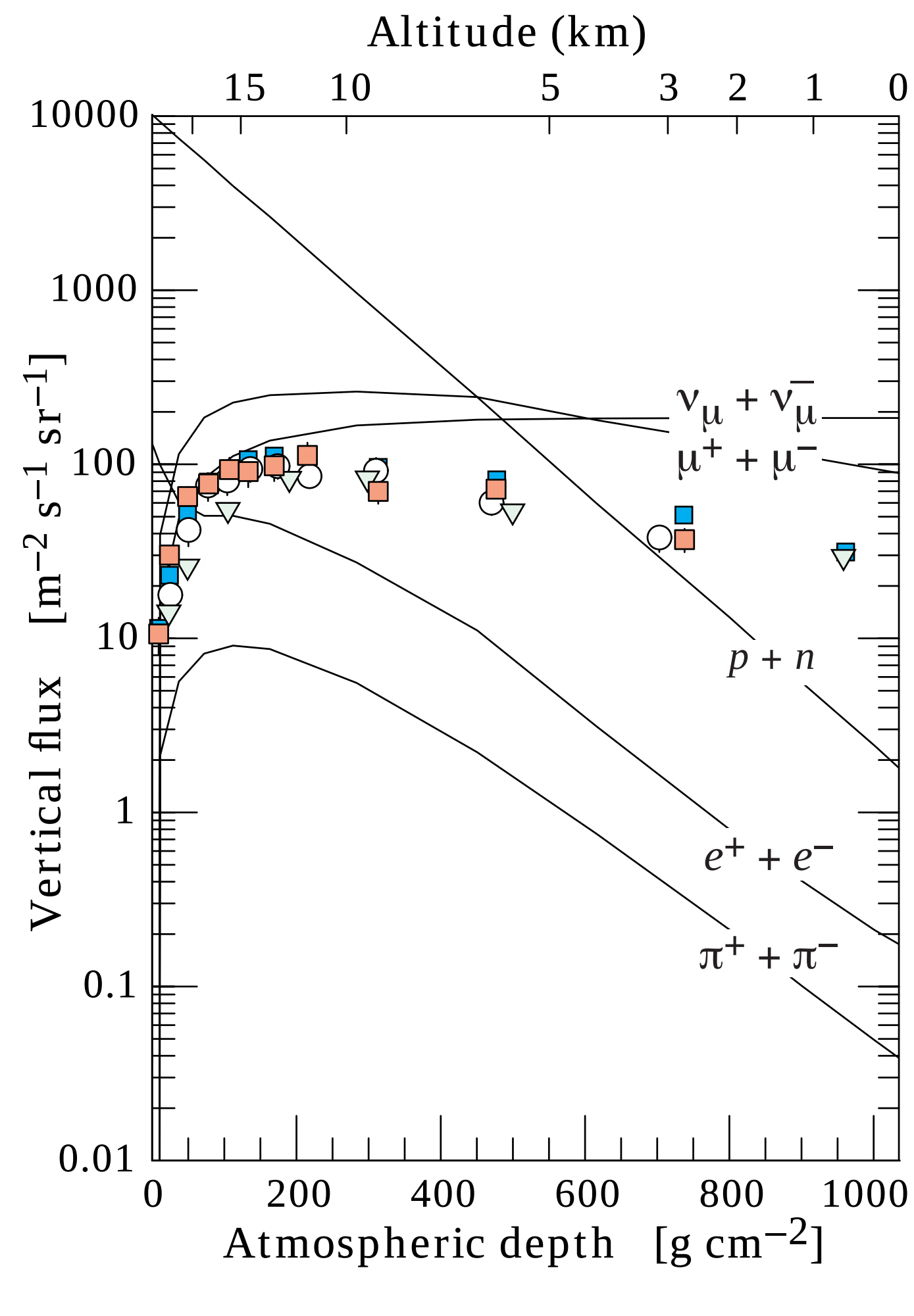
Altitude (km)
15
10
5
3
2
1
0
10000
1000
100
10
1
0.1
0.01
Vertical flux [m^{-2} s^{-1} sr^{-1}]
$\nu_\mu + \bar{\nu}_\mu$
$\mu^+ + \mu^-$
$p + n$
$e^+ + e^-$
$\pi^+ + \pi^-$
0
200
400
600
800
1000
Atmospheric depth [g cm^{-2}]