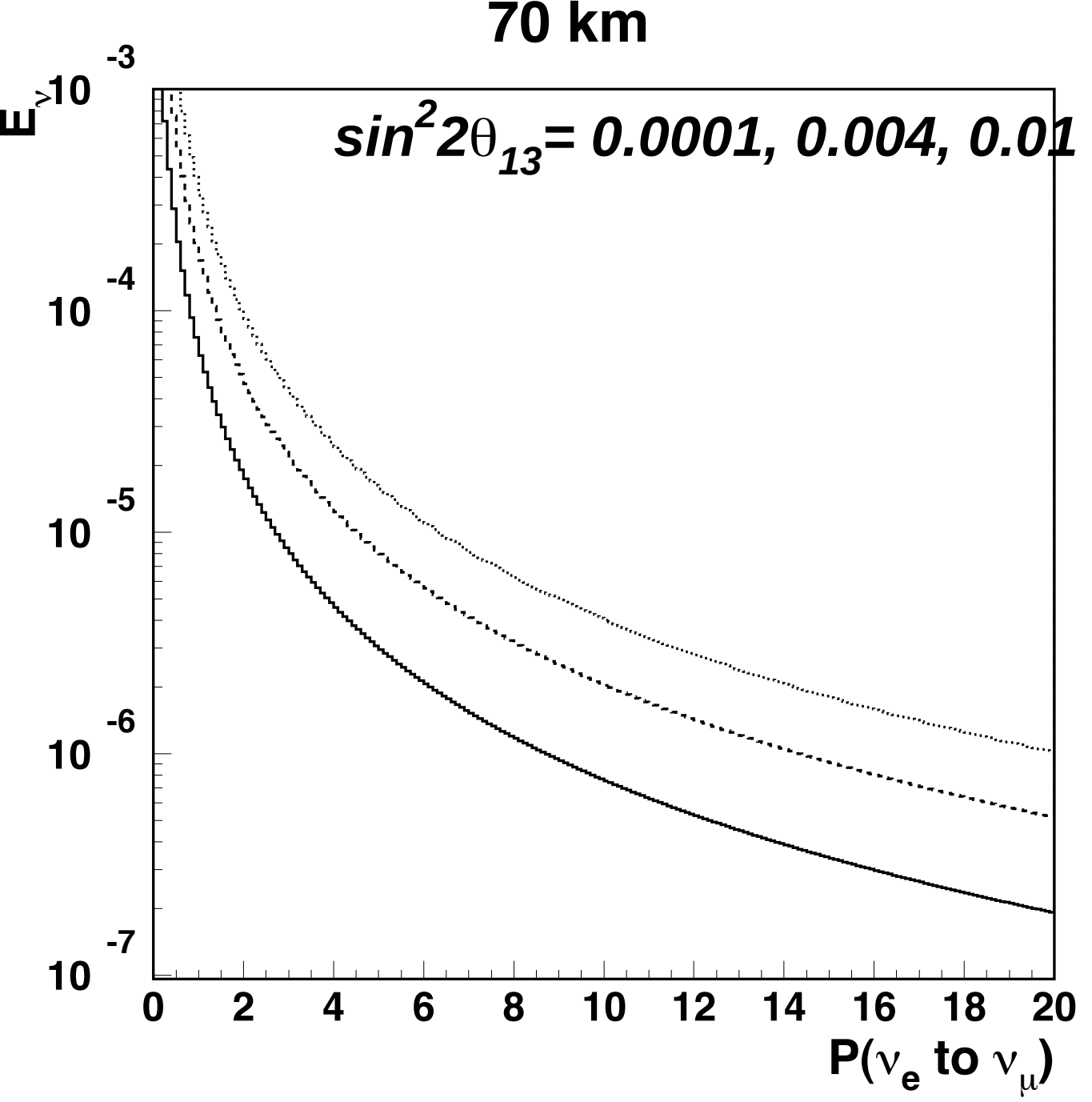

70 km
E_ν
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
$\sin^2 2\theta_{13}$= 0.0001, 0.004, 0.01
0
2
4
6
8
10
12
14
16
18
20
P(ν_e to ν_μ)