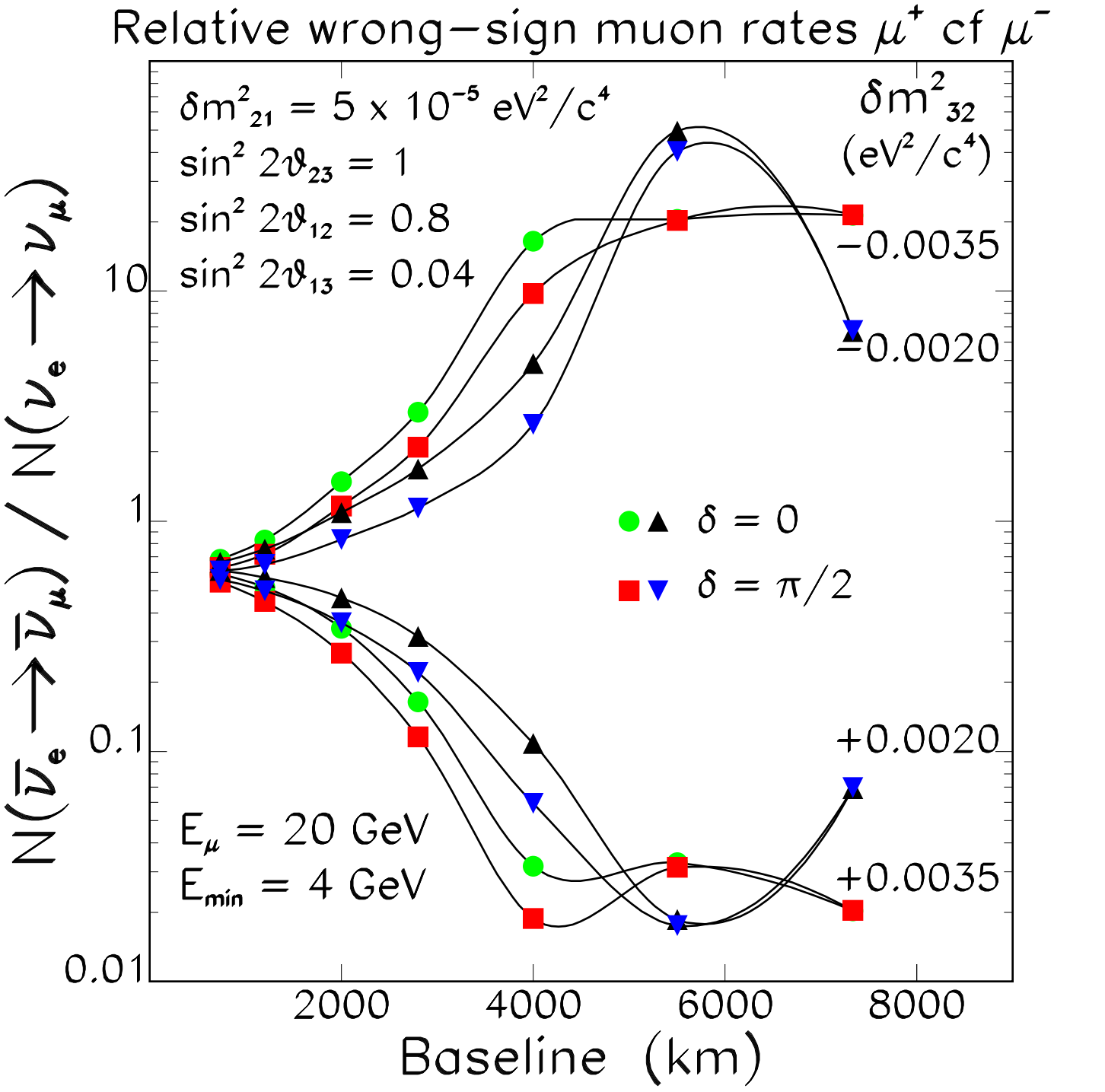
Relative wrong−sign muon rates μ^+ cf μ^-
$\delta m^2_{21} = 5 \times 10^{-5}$ eV^2/c^4
$\sin^2 2\vartheta_{23} = 1$
$\sin^2 2\vartheta_{12} = 0.8$
$\sin^2 2\vartheta_{13} = 0.04$
δm^2_{32} (eV^2/c^4)
−0.0035
−0.0020
+0.0020
+0.0035
$\delta = 0$
$\delta = \pi/2$
E_μ = 20 GeV
E_{min} = 4 GeV
$N(\bar{\nu}_e \rightarrow \bar{\nu}_\mu)$ / $N(\nu_e \rightarrow \nu_\mu)$
10
1
0.1
0.01
2000
4000
6000
8000
Baseline (km)