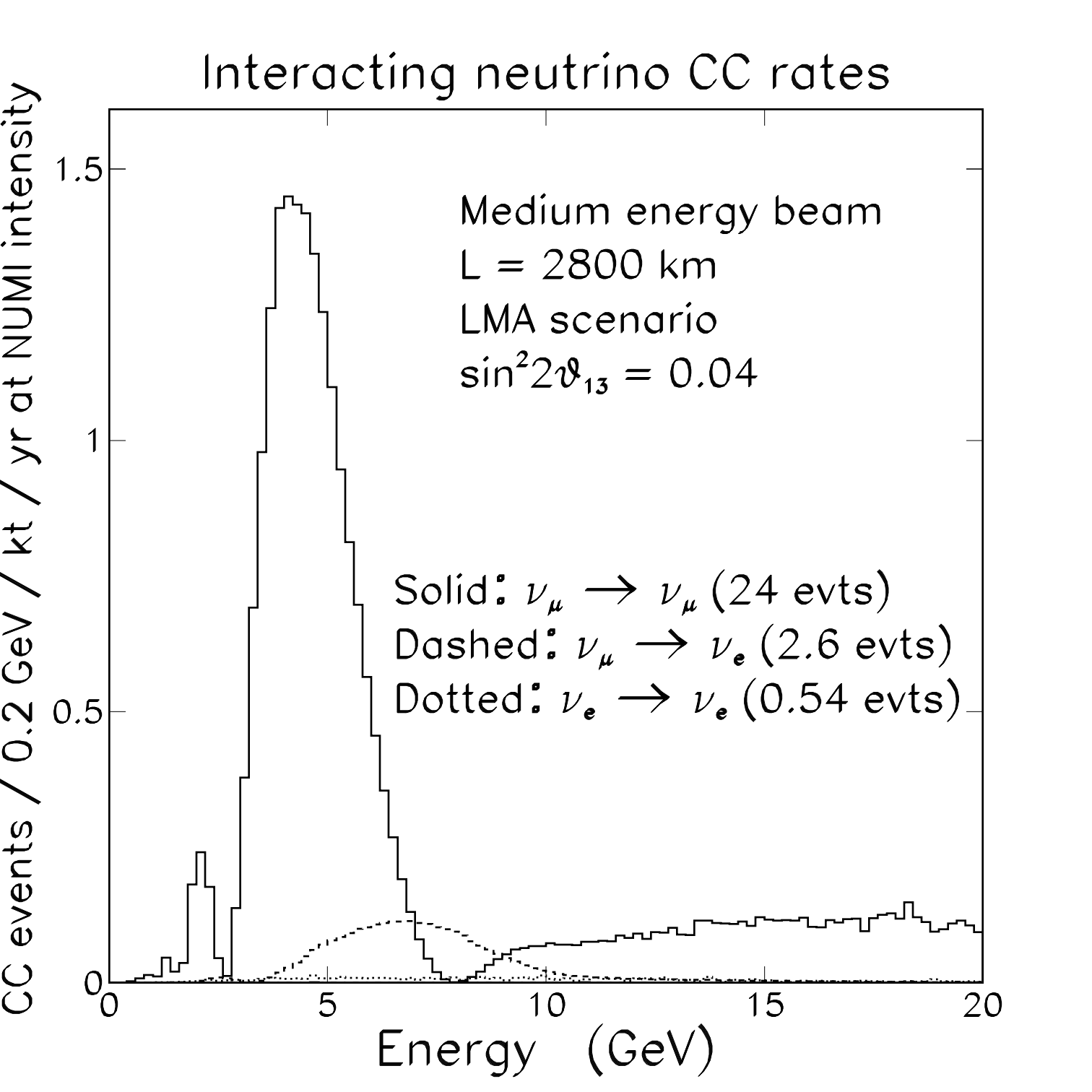
Interacting neutrino CC rates
CC events / 0.2 GeV / kt / yr at NUMI intensity
Energy (GeV)
Medium energy beam
L = 2800 km
LMA scenario
sin²2ϑ13 = 0.04
Solid: νμ → νμ (24 evts)
Dashed: νμ → νe (2.6 evts)
Dotted: νe → νe (0.54 evts)
0
0.5
1
1.5
0
5
10
15
20