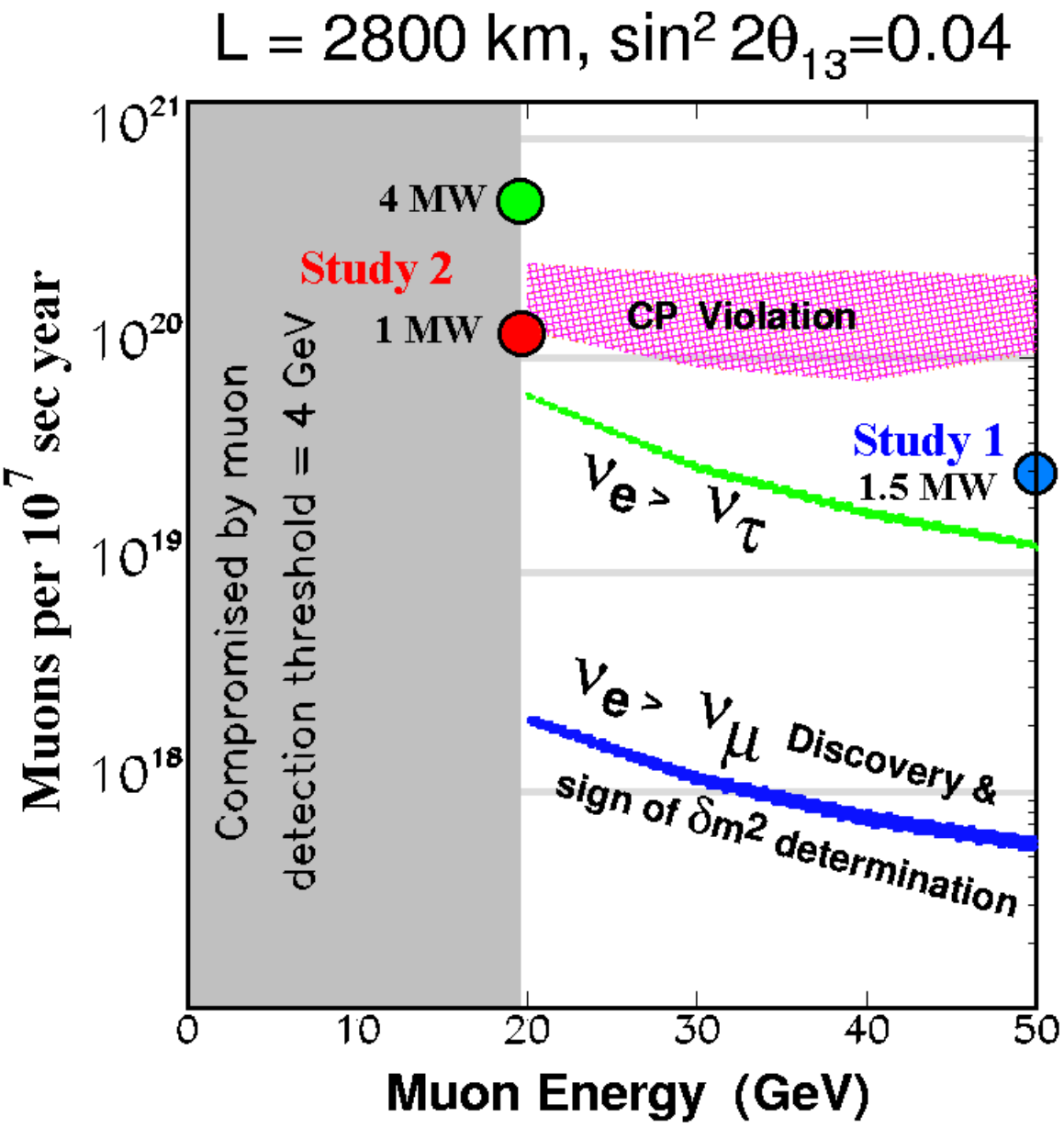
L = 2800 km, sin² 2θ13=0.04
Muons per 10⁷ sec year
10²¹
10²⁰
10¹⁹
10¹⁸
4 MW
Study 2
1 MW
CP Violation
Study 1
1.5 MW
νe > νμ
νe > ντ
Discovery &
sign of δm2 determination
Compromised by muon
detection threshold = 4 GeV
0
10
20
30
40
50
Muon Energy (GeV)