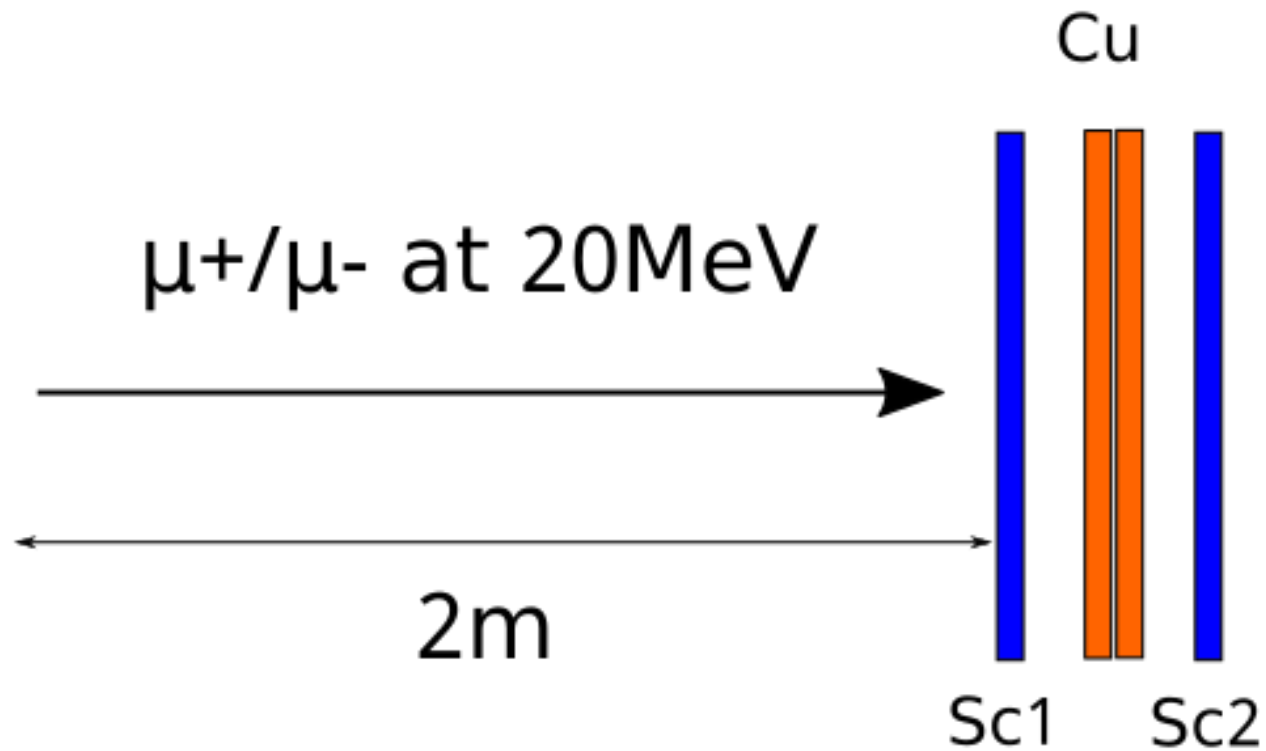
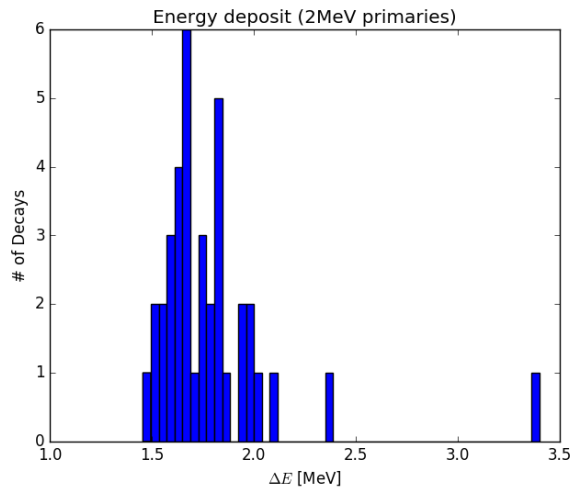


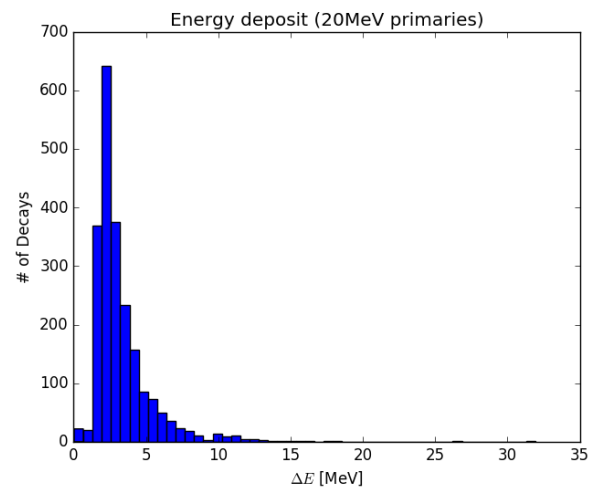
Detector



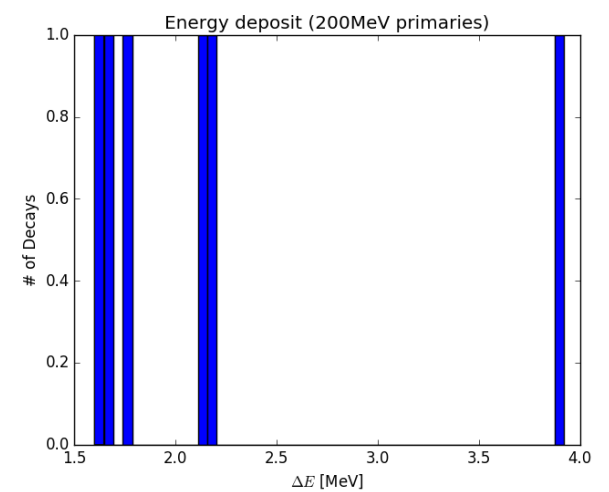
Energy range



2MeV
N=38

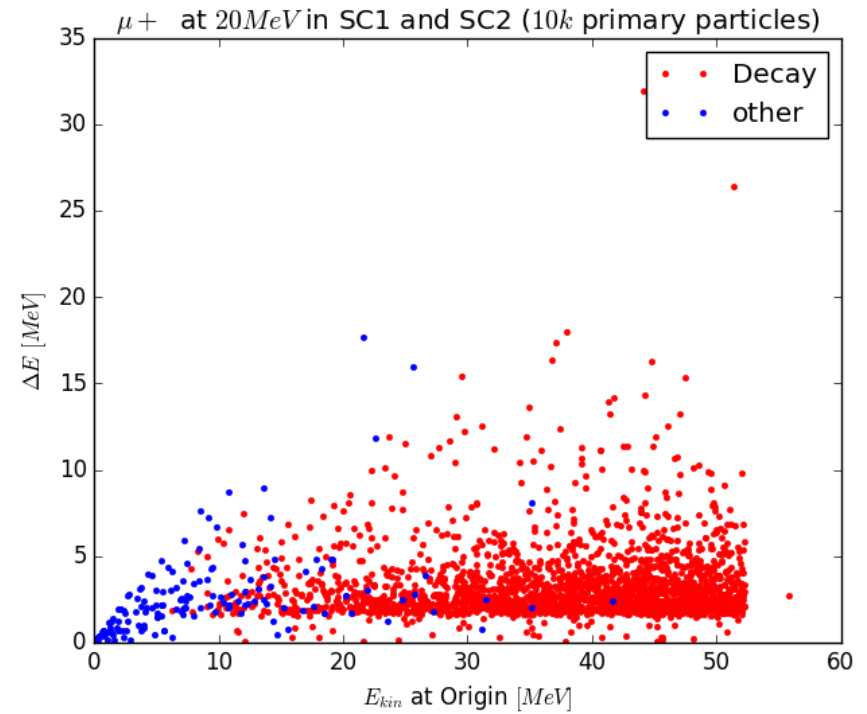
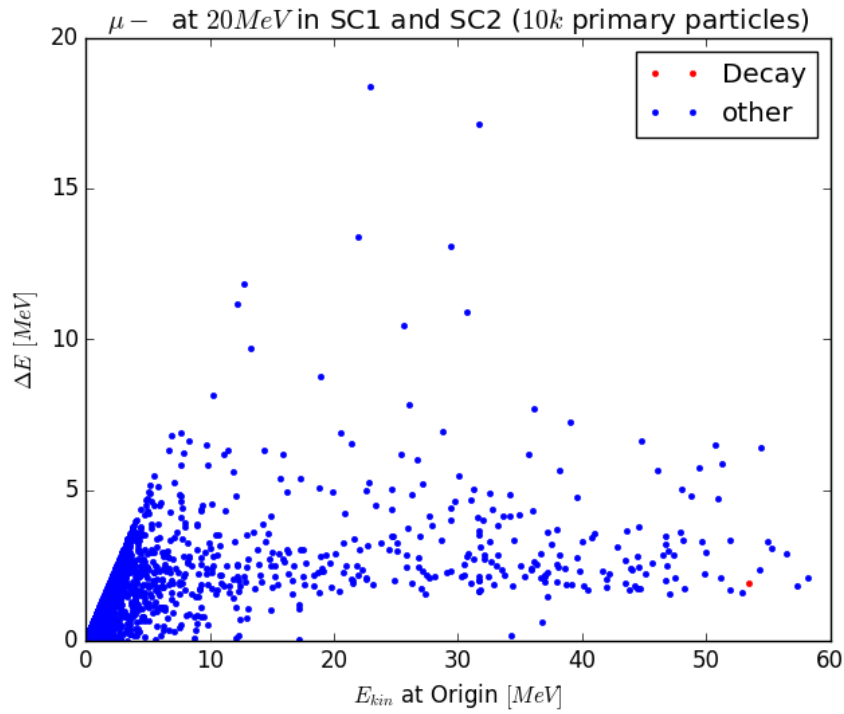


20MeV
N=2174

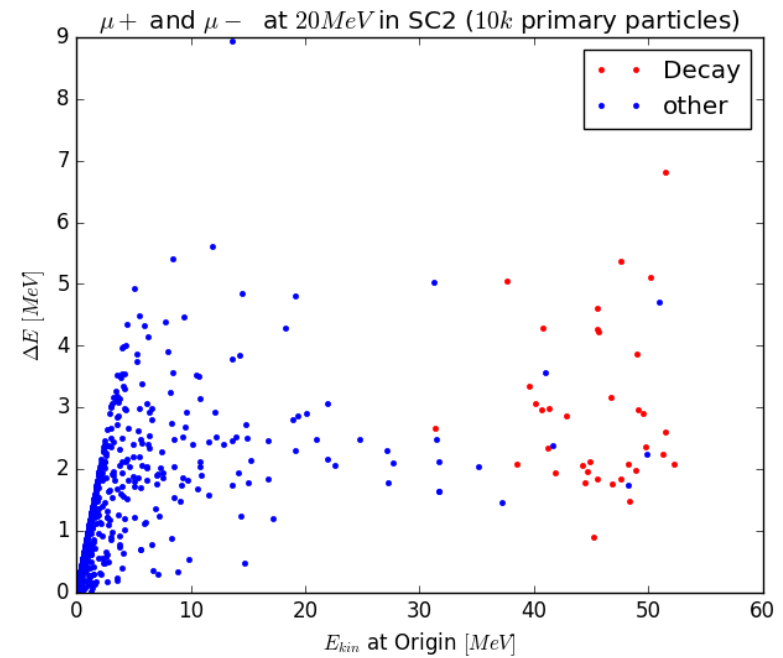
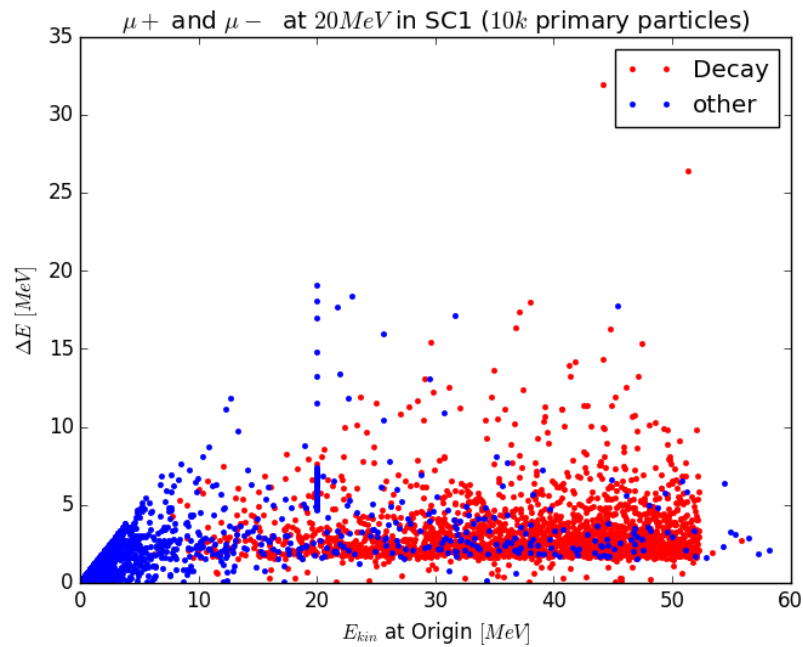


200MeV
N=6

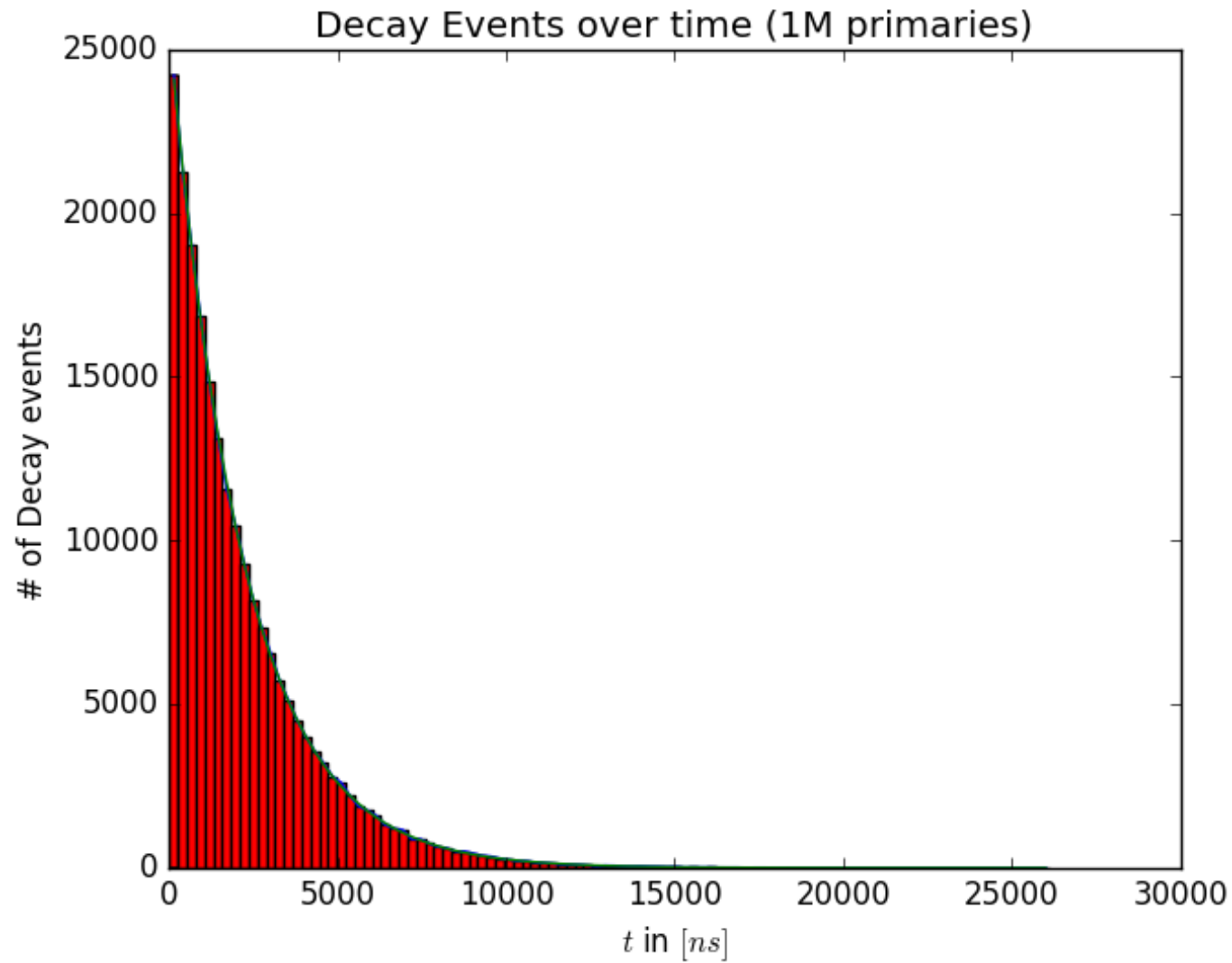
Positive vs. Negative Muons



Upper(SC1) vs. lower(SC2) scintillator



Decay



→ $T = 2,185\mu\text{s}$, Abweichung $\sim 0,5\%$