

Geant 4.10.02 simulation

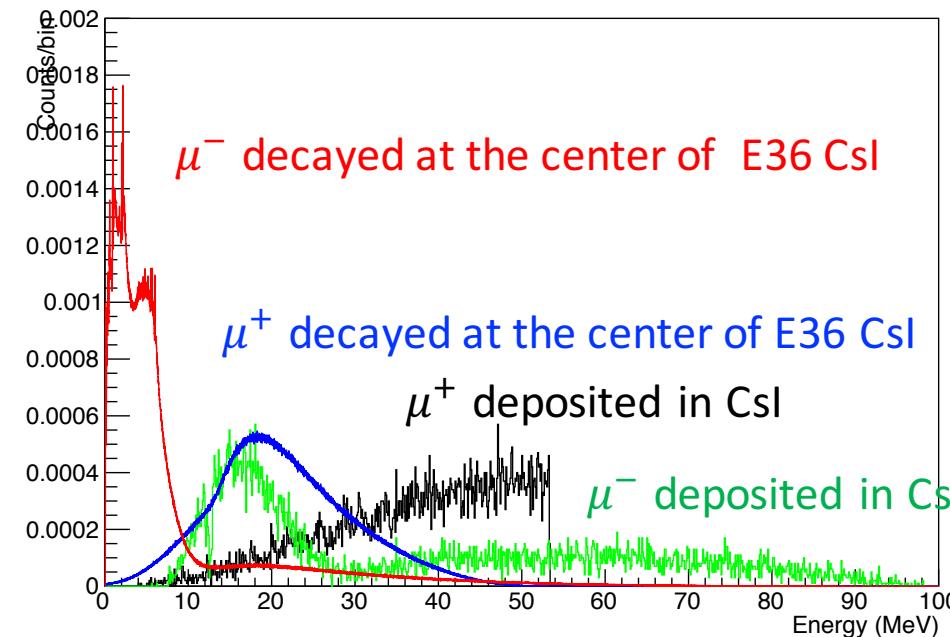
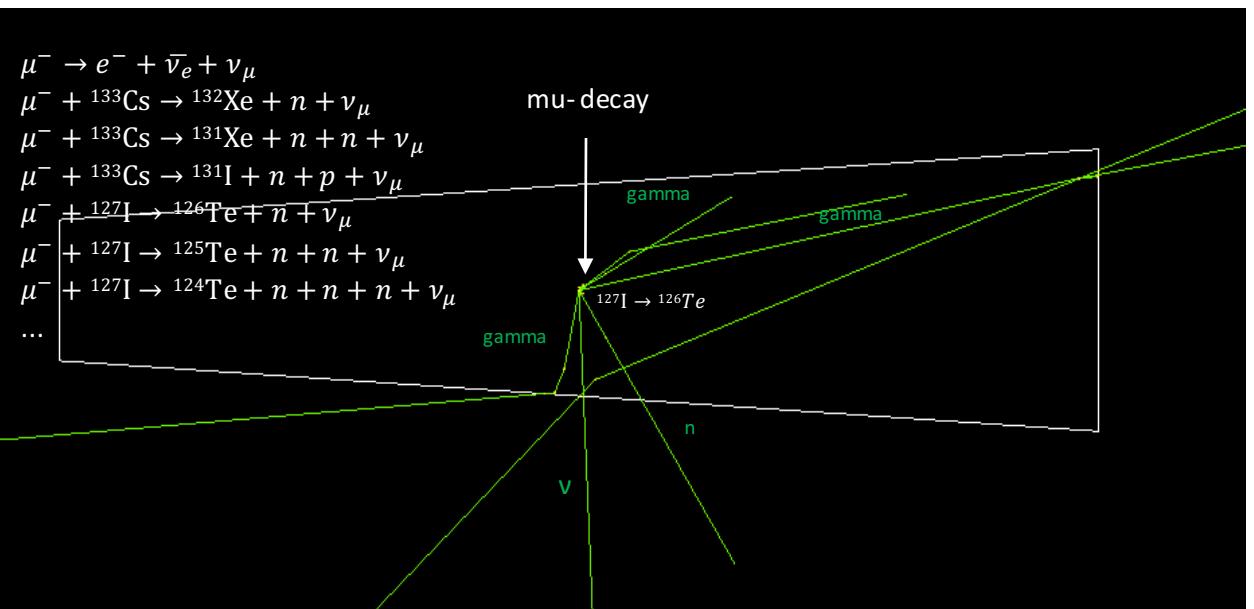
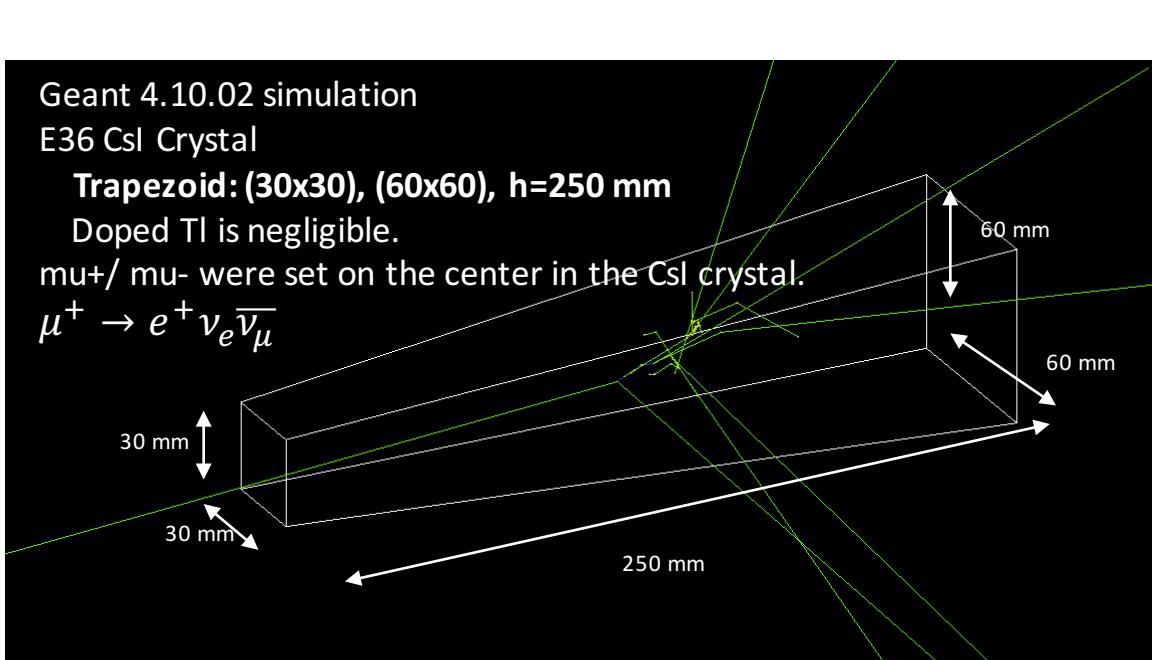
E36 CsI Crystal

Trapezoid: (30x30), (60x60), h=250 mm

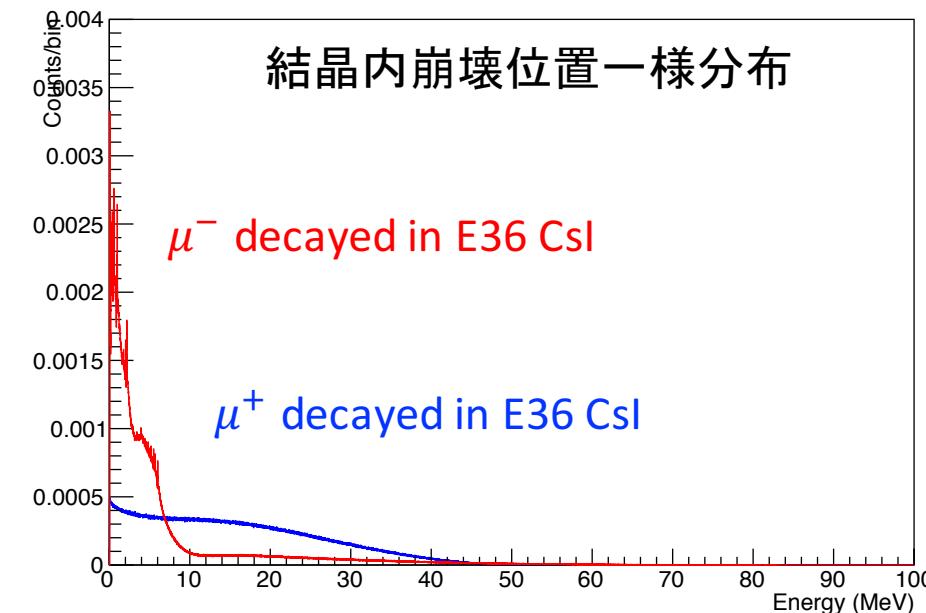
Doped Tl is negligible.

mu+/ mu- were set on the center in the CsI crystal.

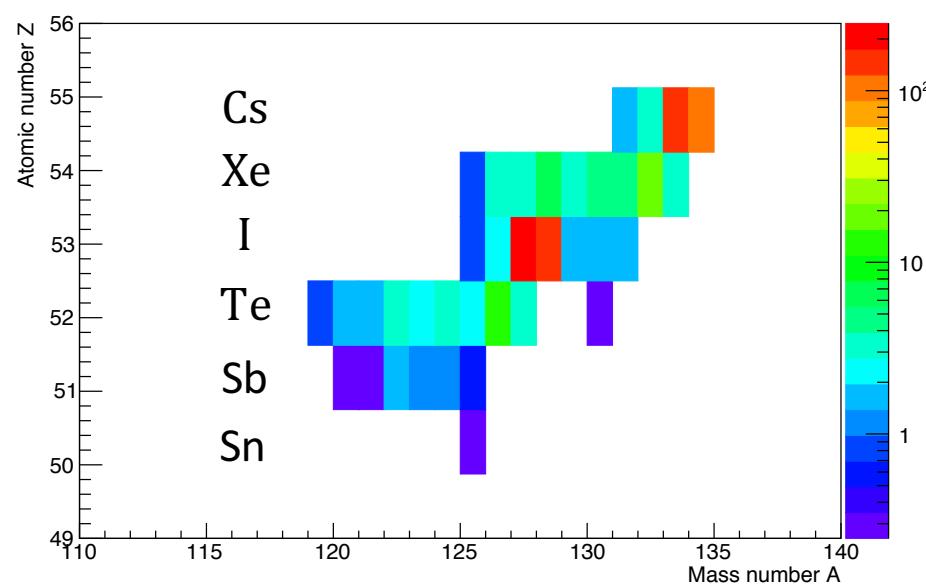
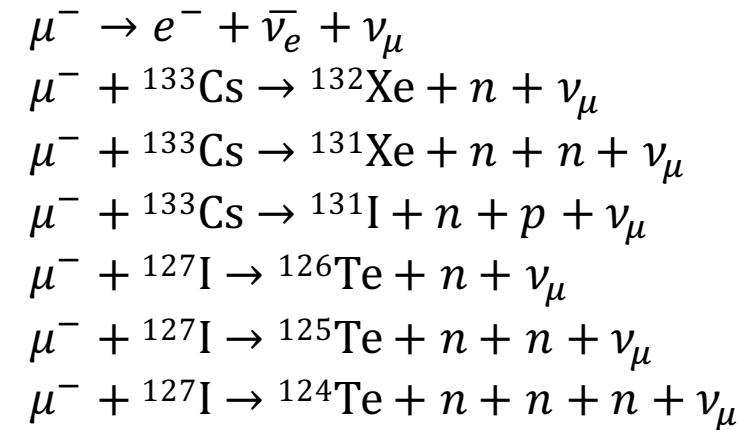
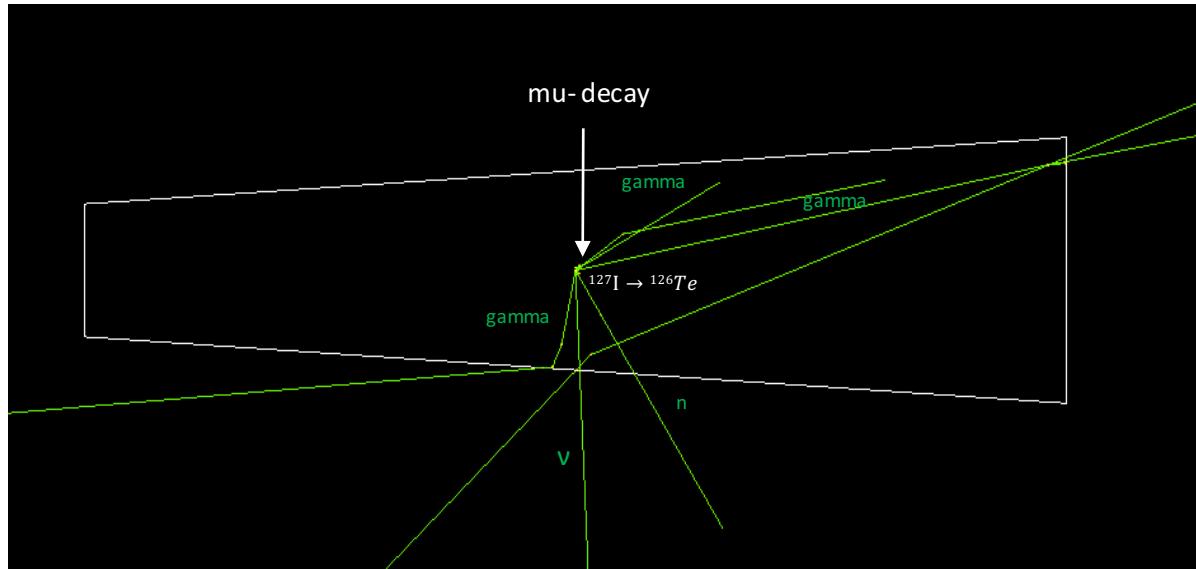
$\mu^+ \rightarrow e^+ \nu_e \bar{\nu}_\mu$



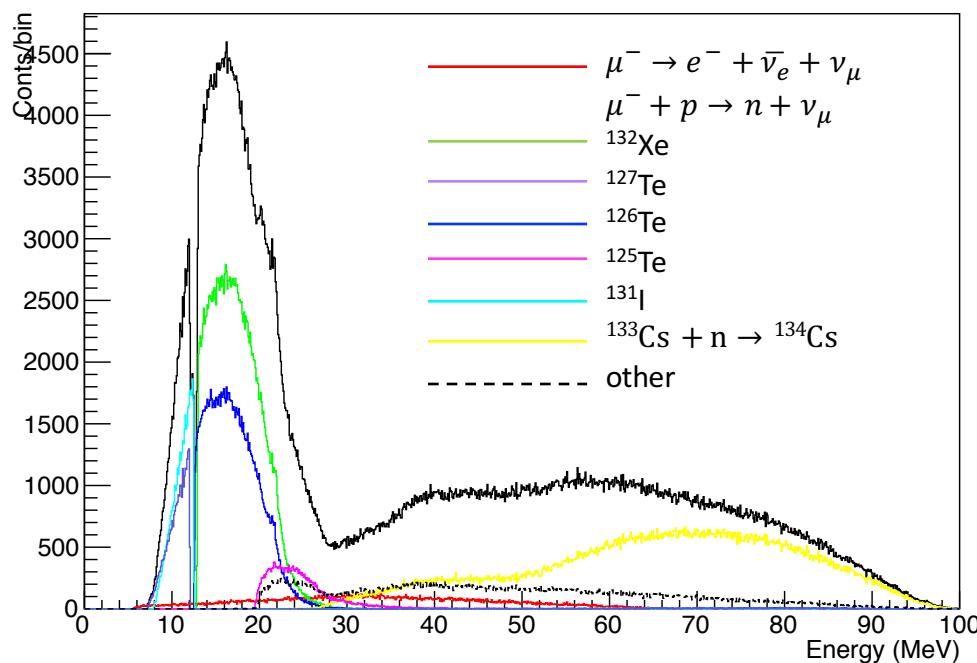
2016/08/14



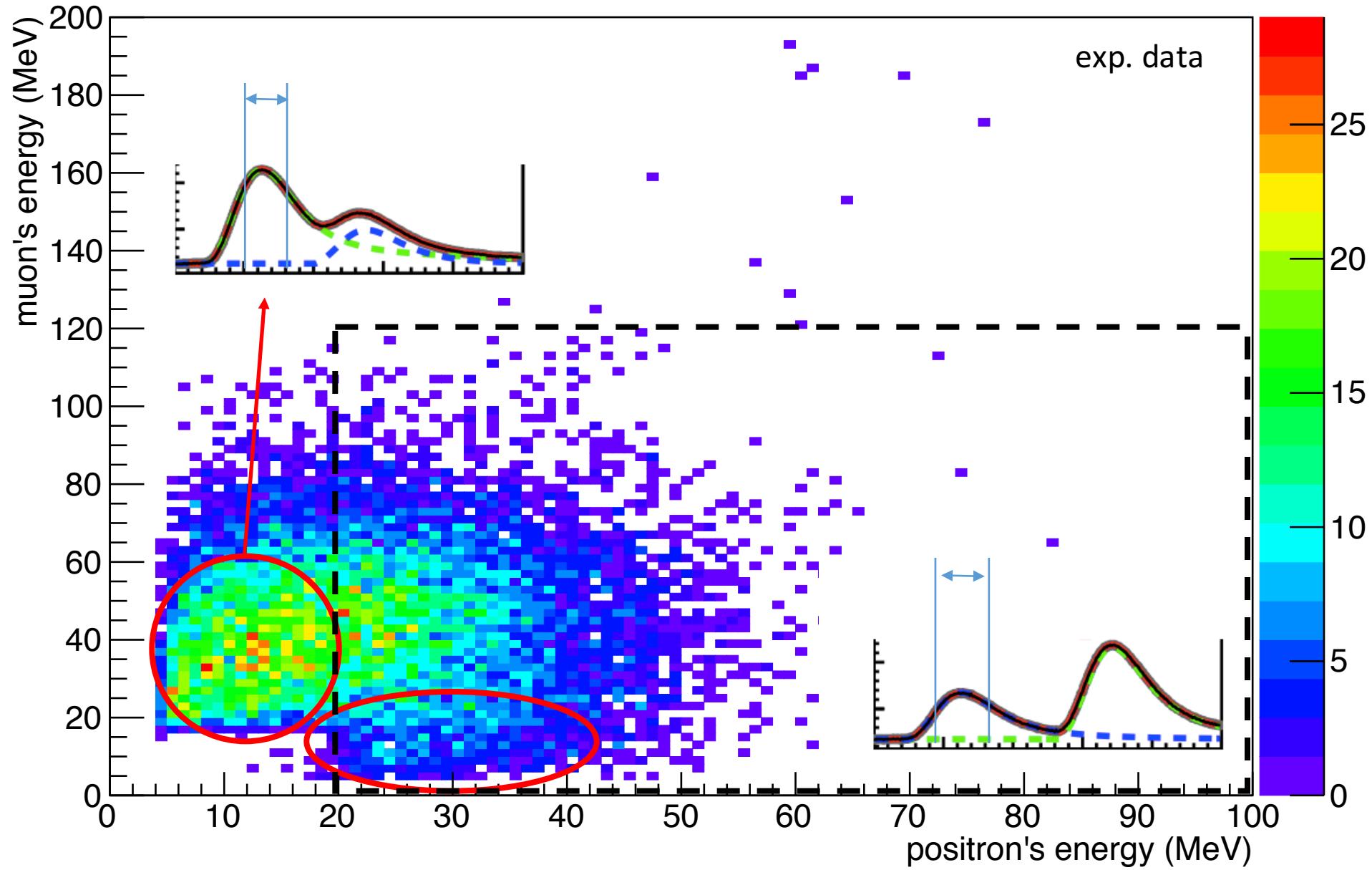
mu-崩壊の解釈



2016/08/14



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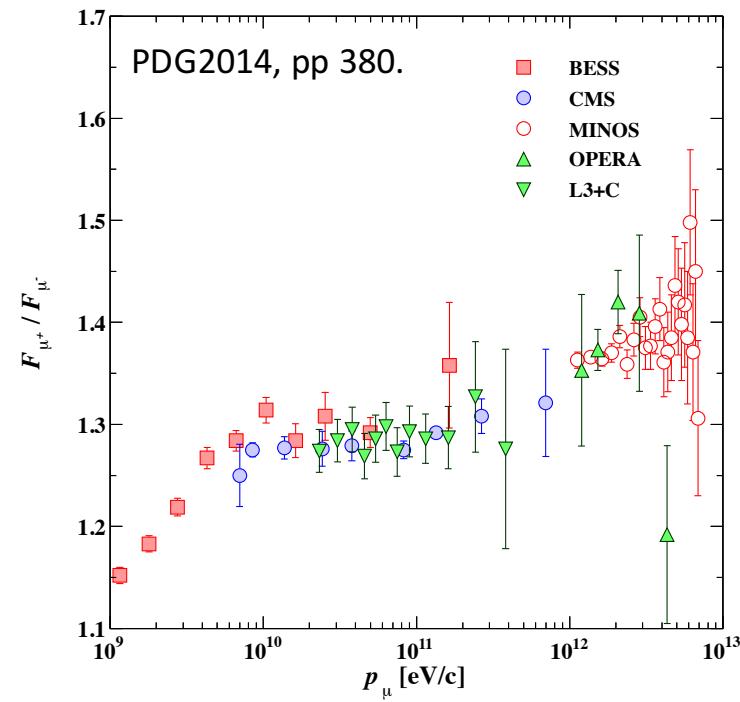
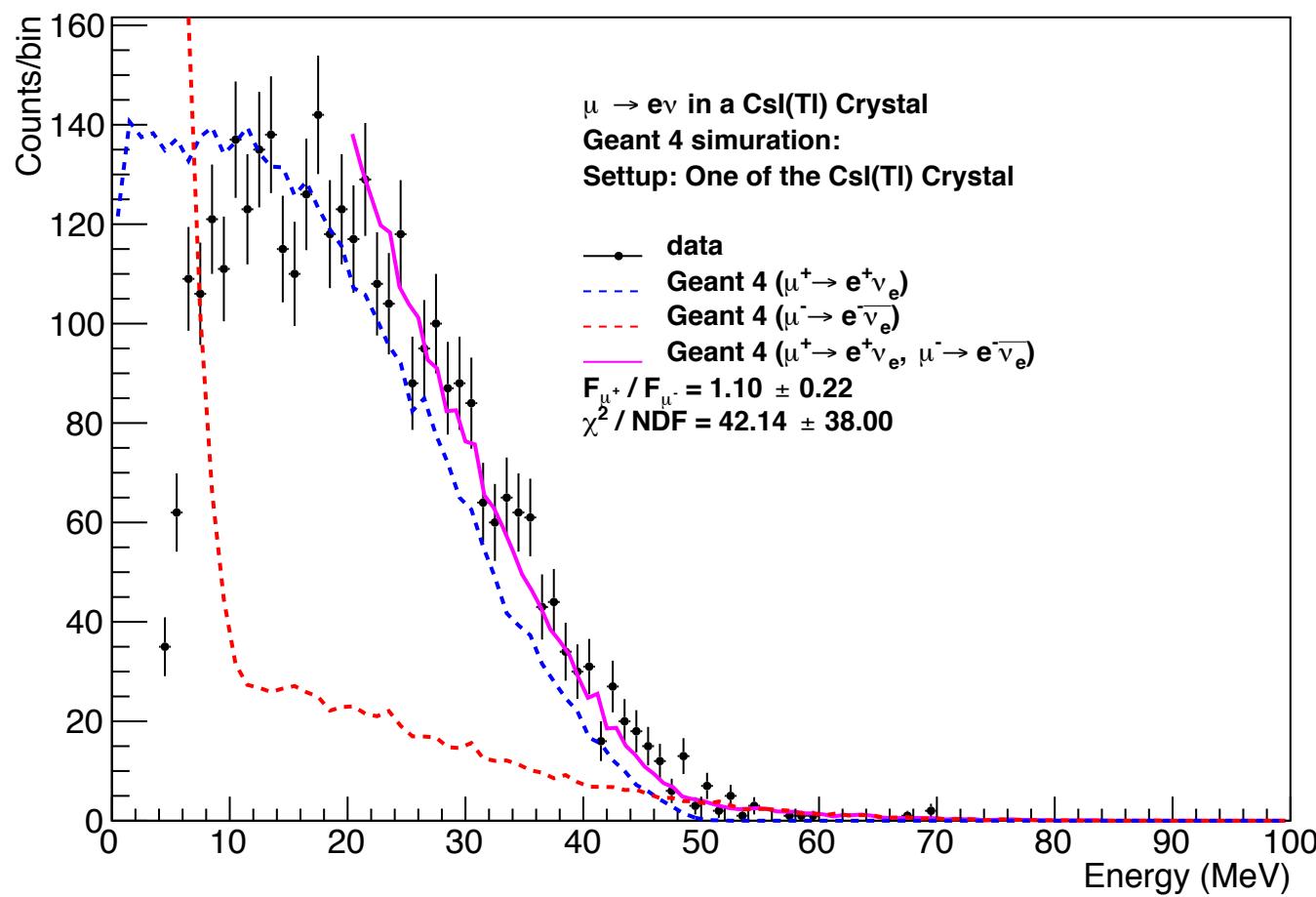


Figure 28.6: Muon charge ratio as a function of the muon momentum from Refs. [51,52,58,63,64].