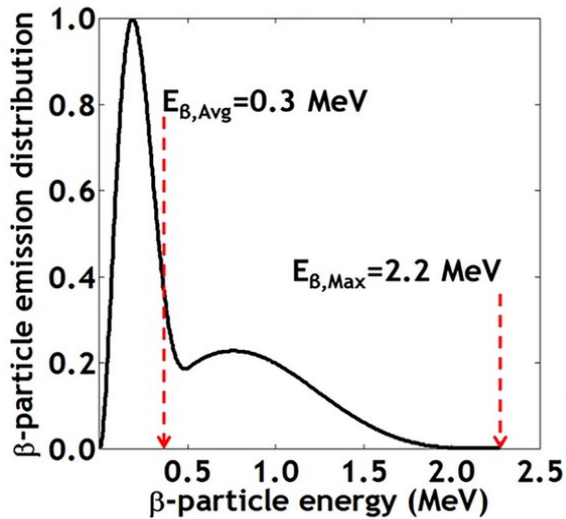


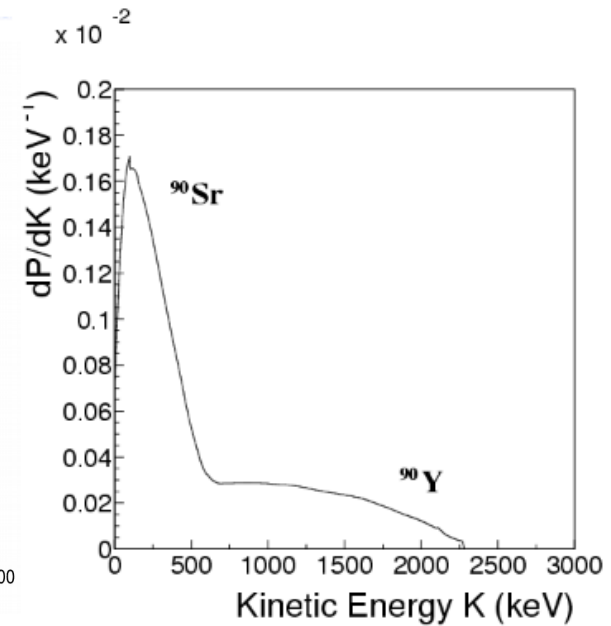
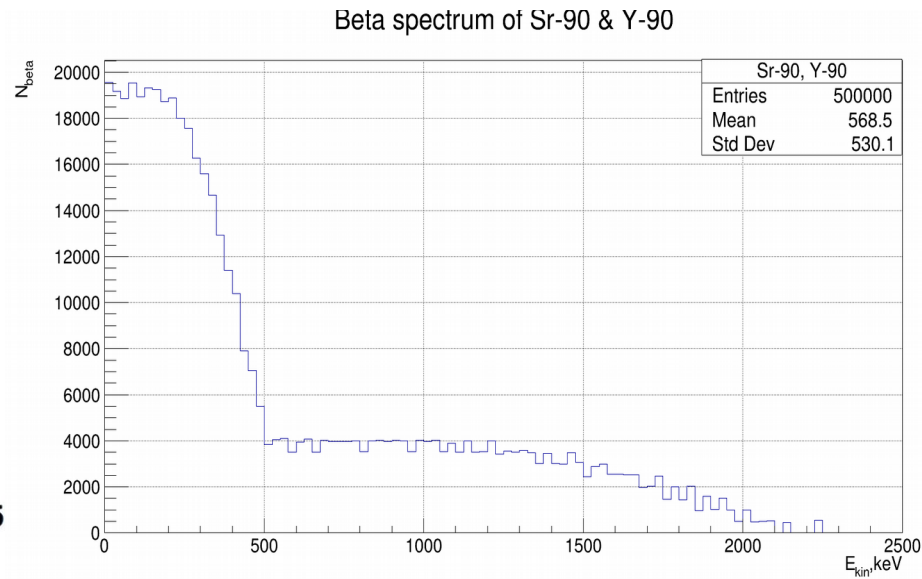
FCalPulse modeling progress report

M. Manashova
04/07/2022

Spectrum of Sr-90 and Y-90



Dixon, J., Rajan, A., Bohlemann, S. et al. Evaluation of a Silicon ⁹⁰Sr Betavoltaic Power Source. Sci Rep 6, 38182 (2016). <https://doi.org/10.1038/srep38182>

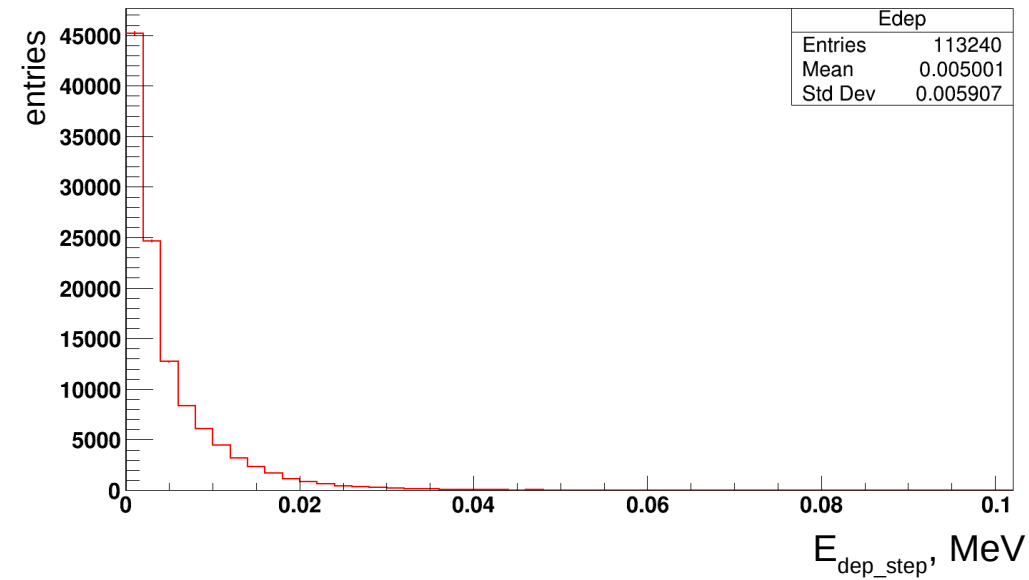


<https://indico.cern.ch/event/618665/>

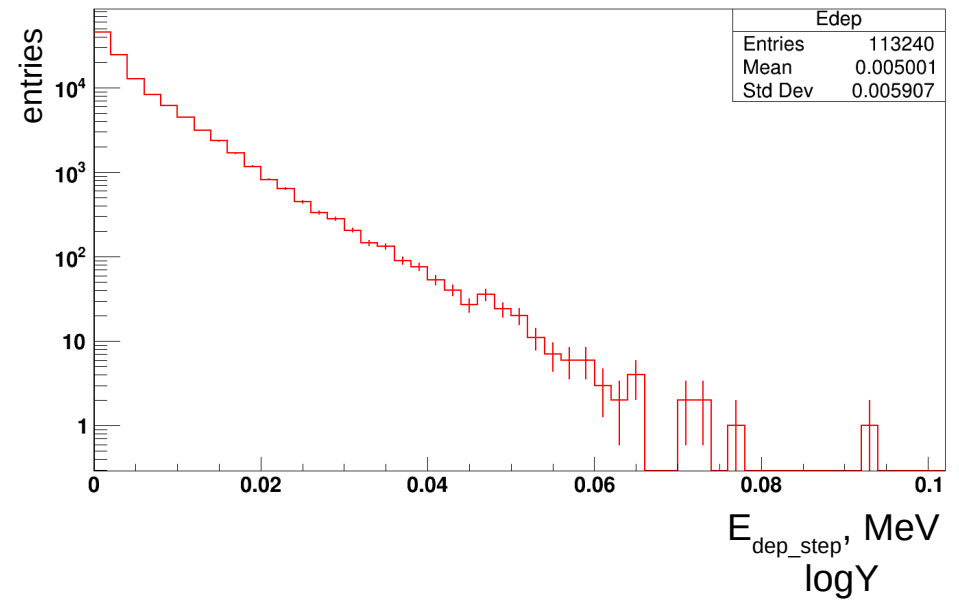
Result of John P. Rutherford

Deposited energy distribution ()

hit deposited energy (MeV)



hit deposited energy (MeV)



Deposited energy distribution

total deposited energy (MeV)

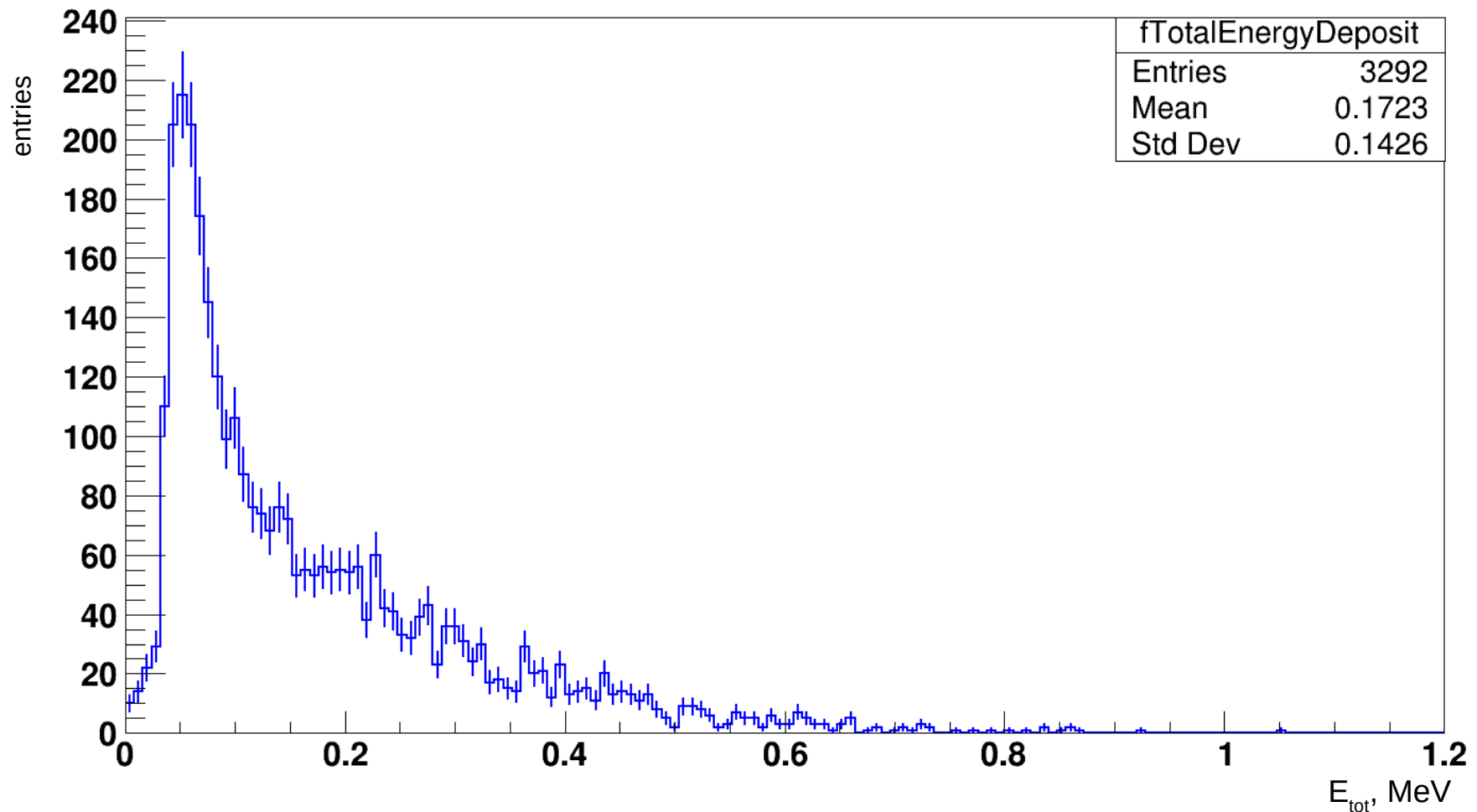
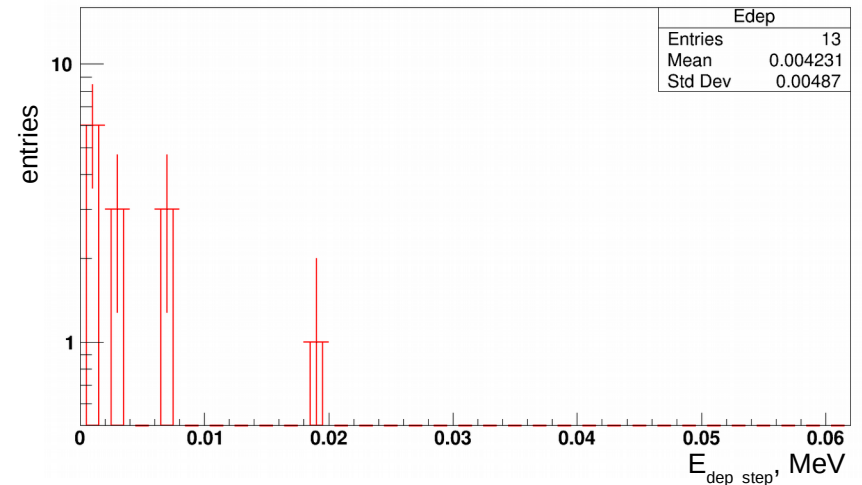


Table of results for 1 event and histograms

E_dep_step	E_dep_tot	Volume
0.00360396	1.71706	LAr
0.0074484	1.70761	LAr
0.00386091	1.69104	LAr
0.0190747	1.6704	LAr
0.000442119	1.66864	LAr
0.0065008	1.66214	LAr
0.00131327	0.510999	LAr
0.0015658	0.510999	LAr
0.00383278	0.518628	LAr
0.0076291	0.510999	LAr
0.00125576	0.510999	LAr
0.00199894	0.510999	LAr
0.0014518	0.510999	LAr

hit deposited energy (MeV)



total deposited energy (MeV)

