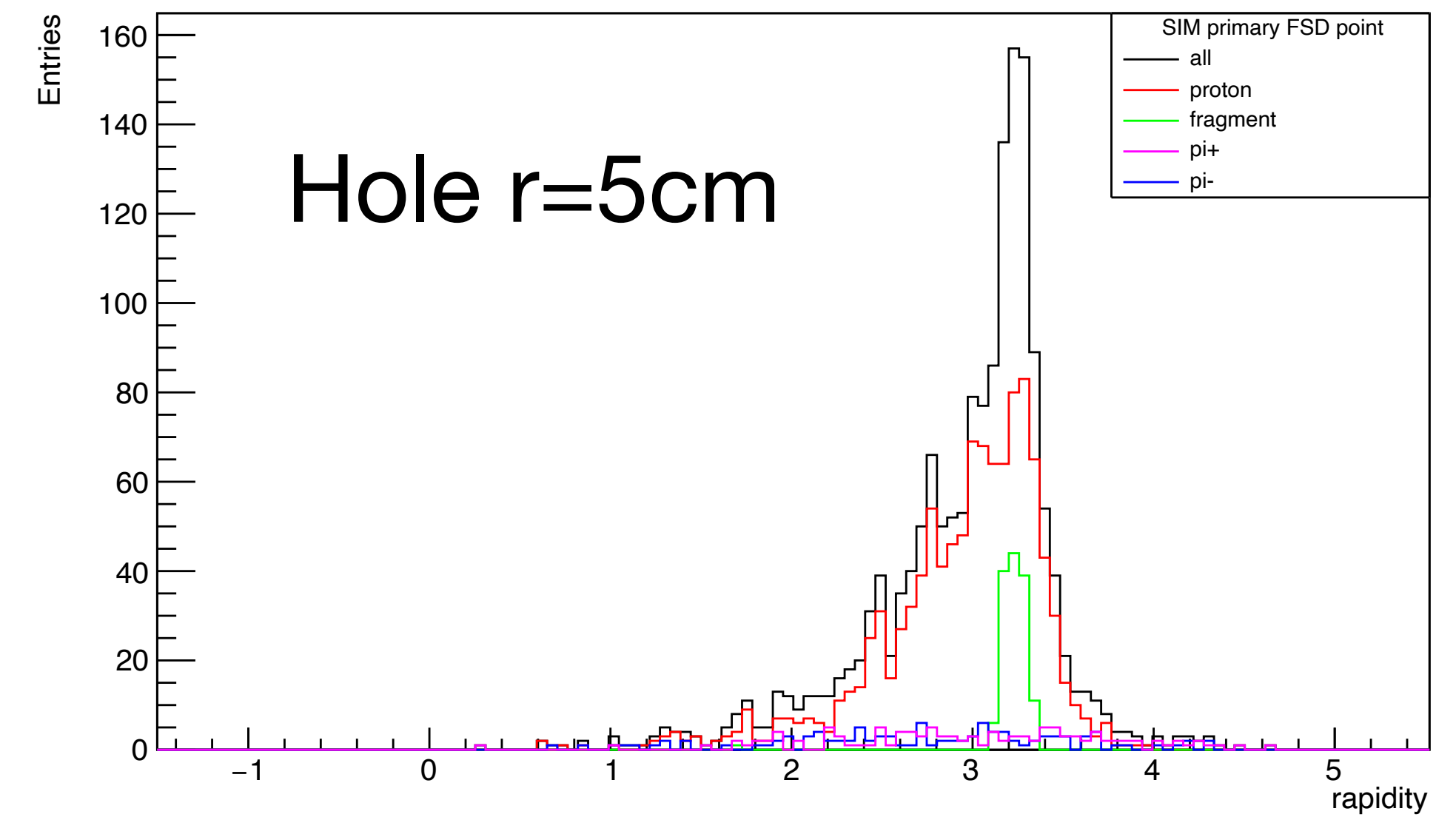
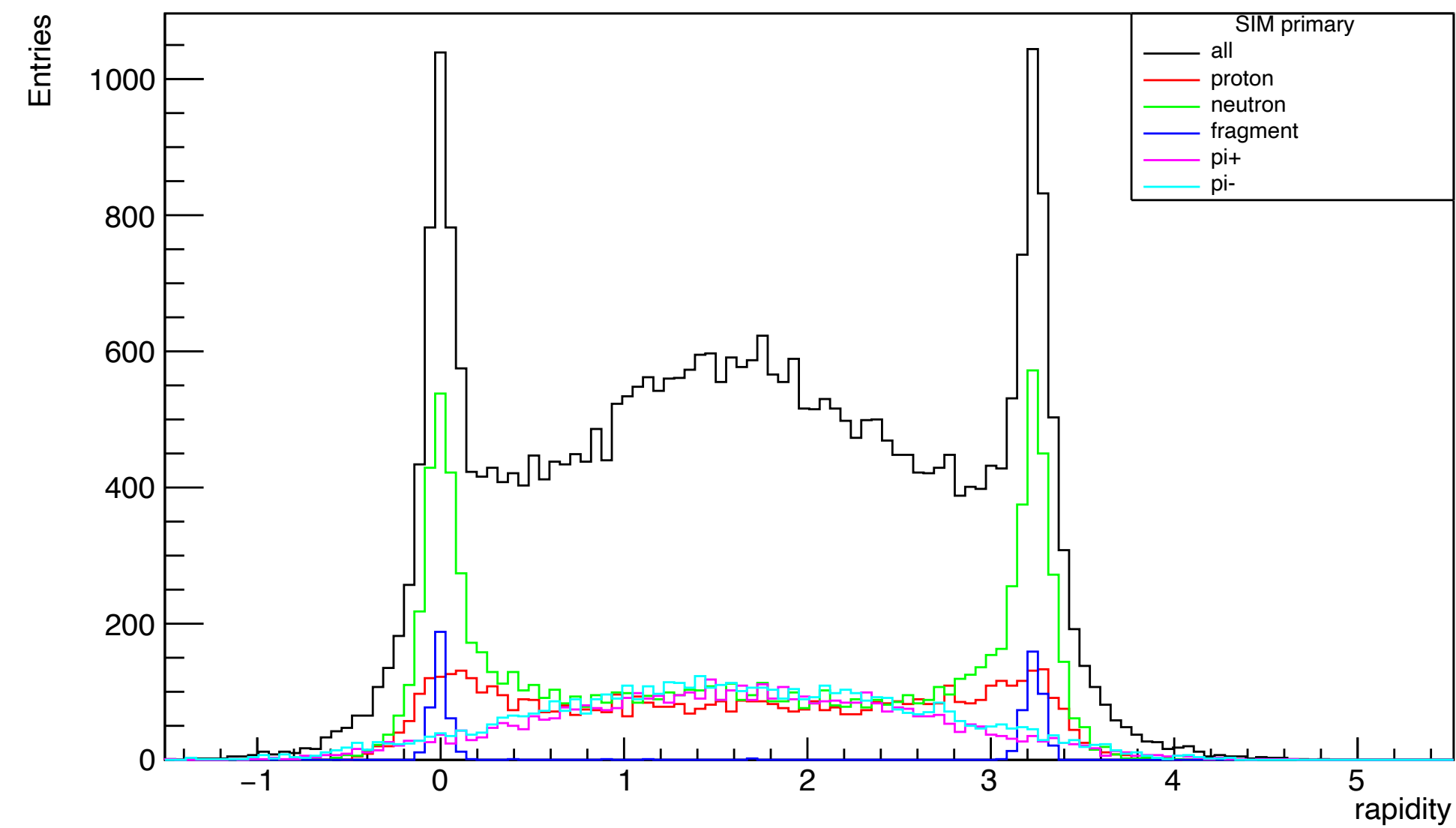
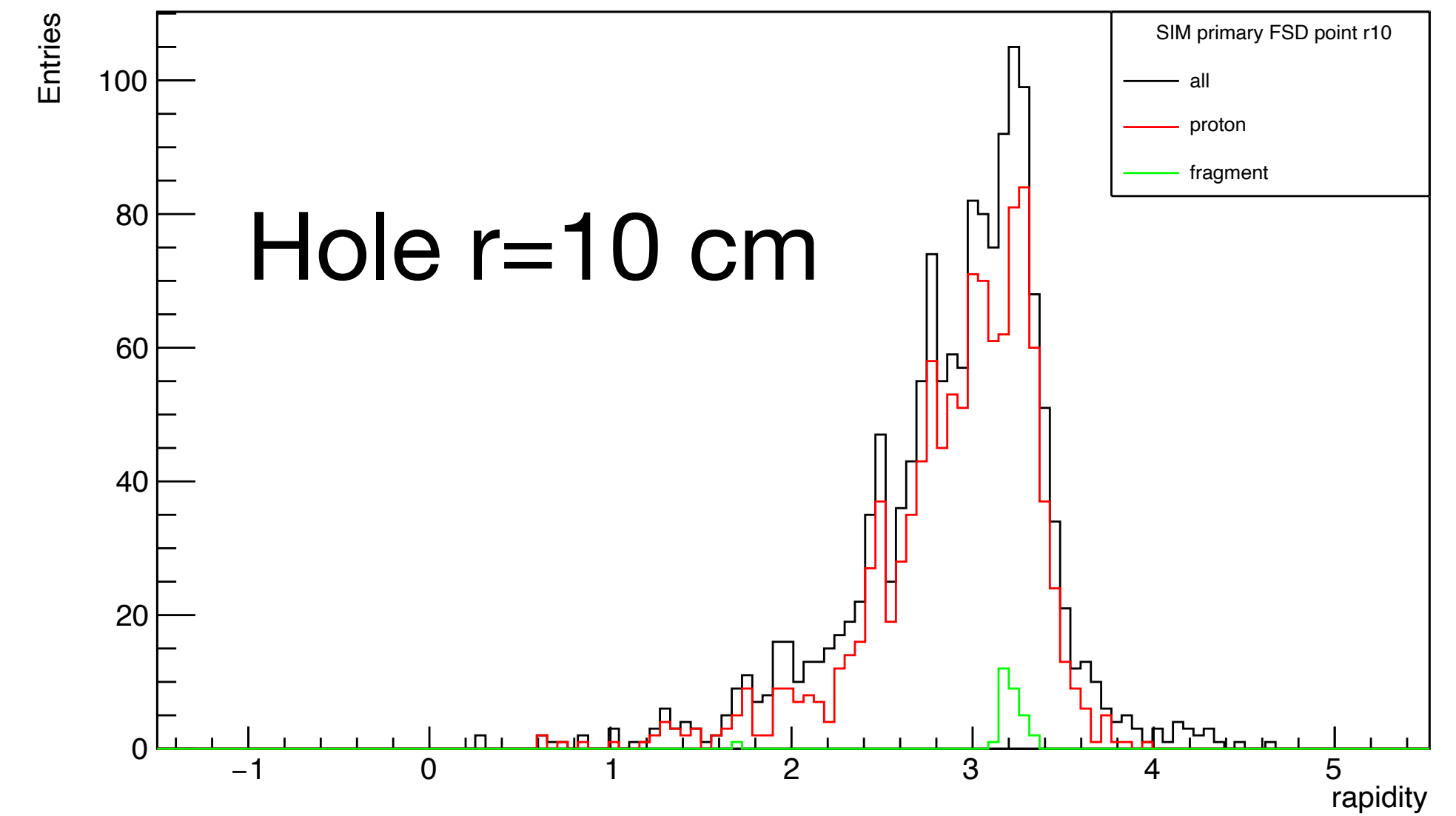
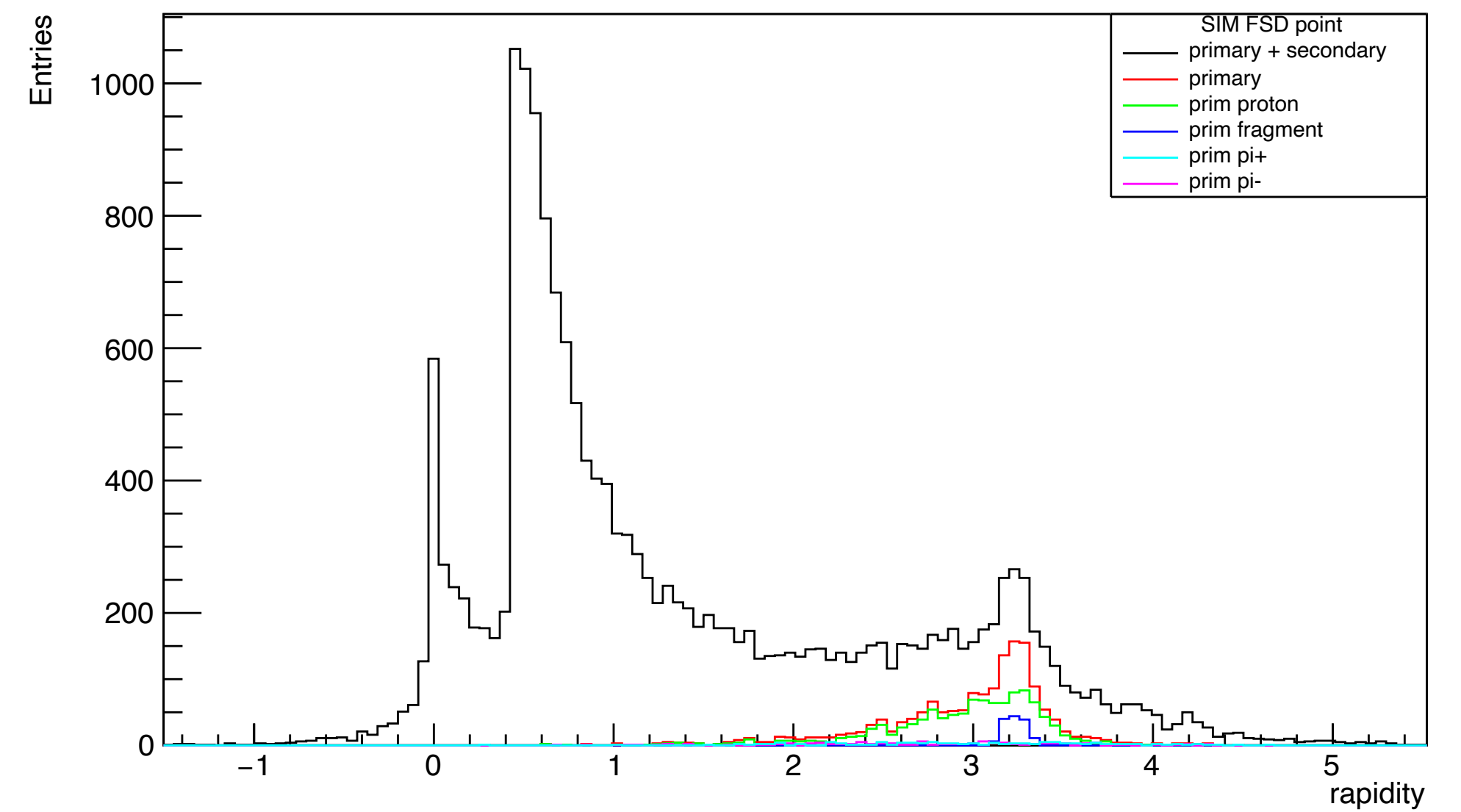
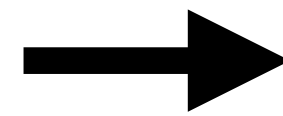
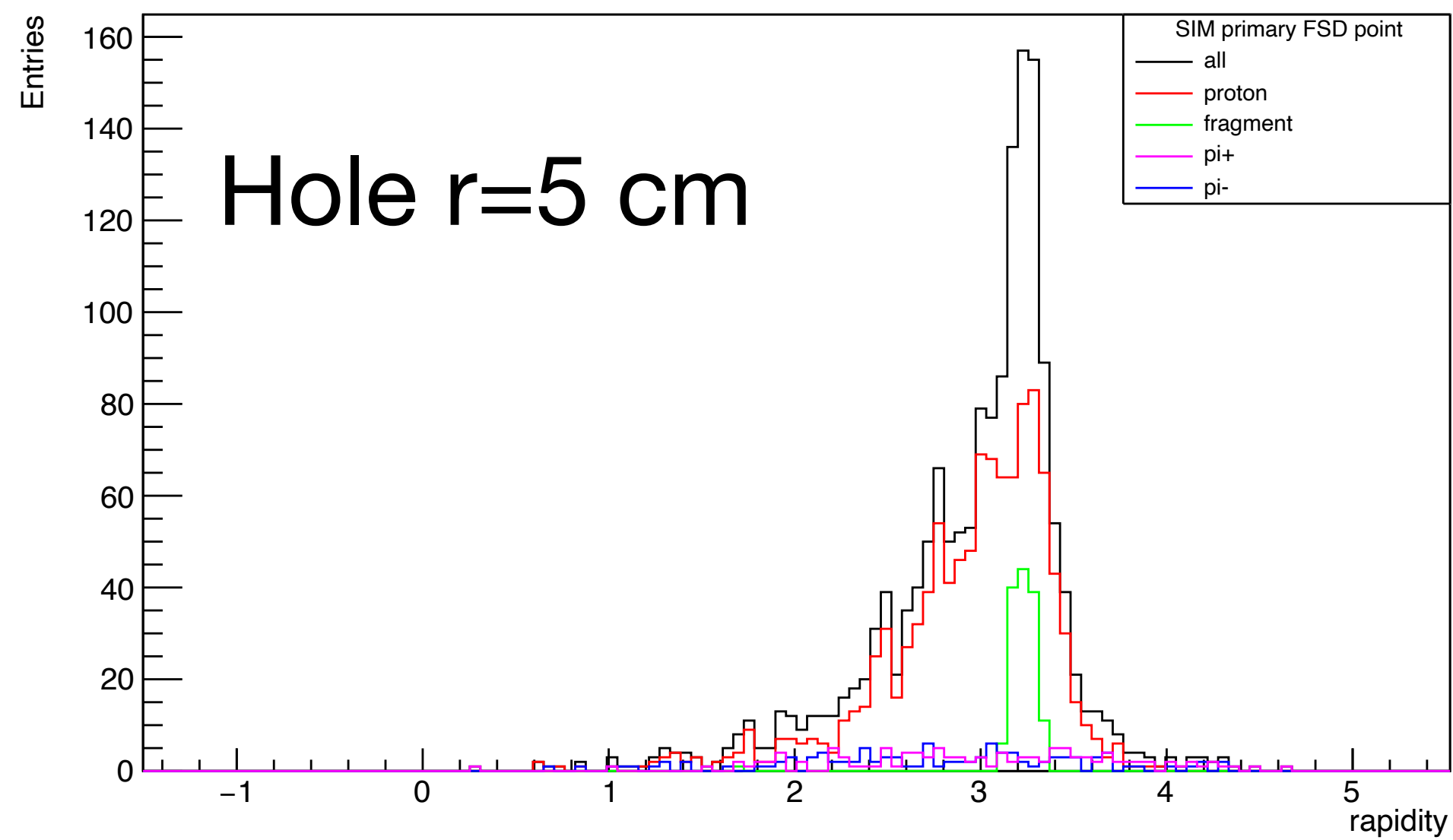
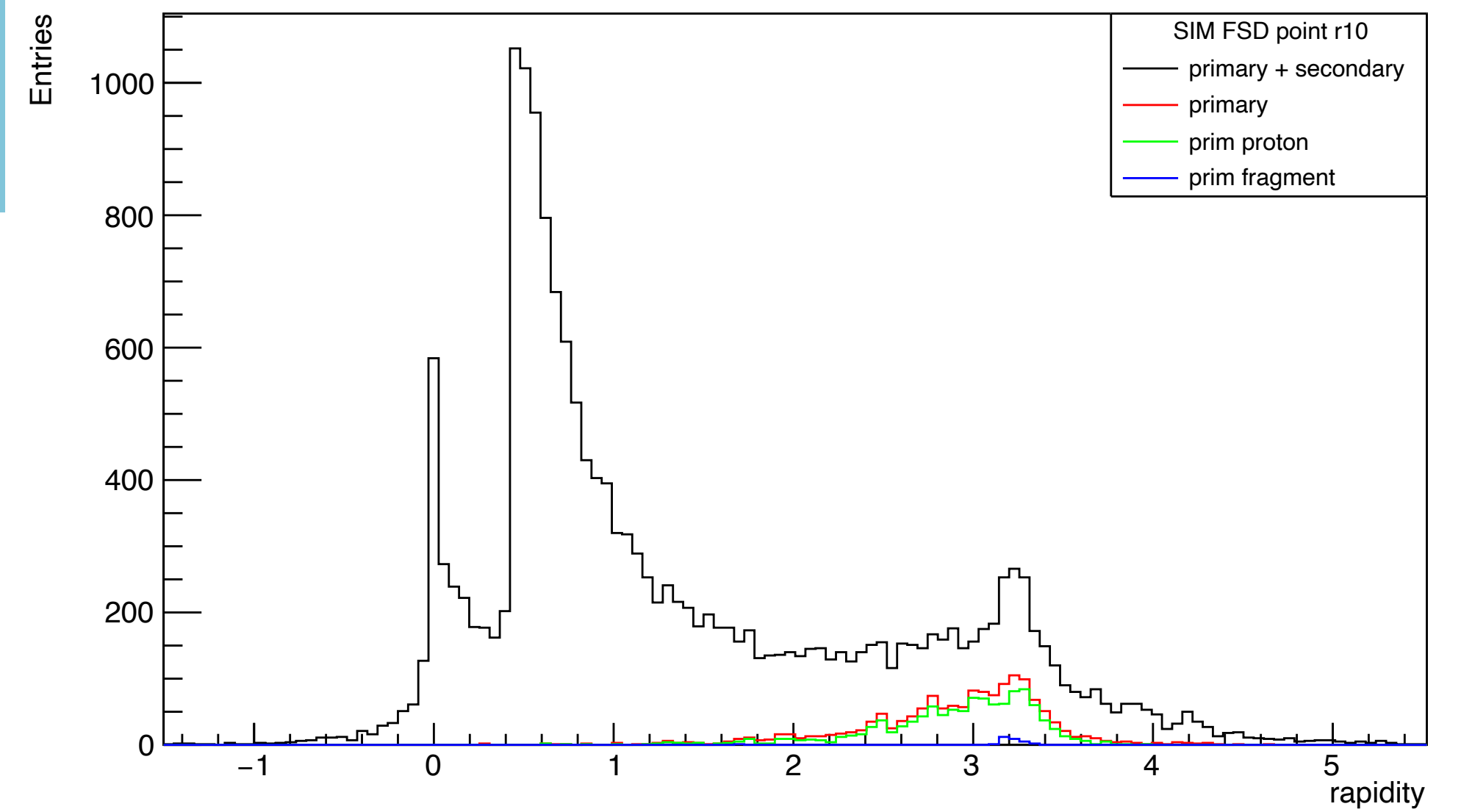
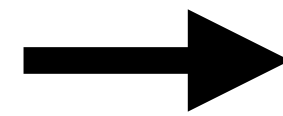
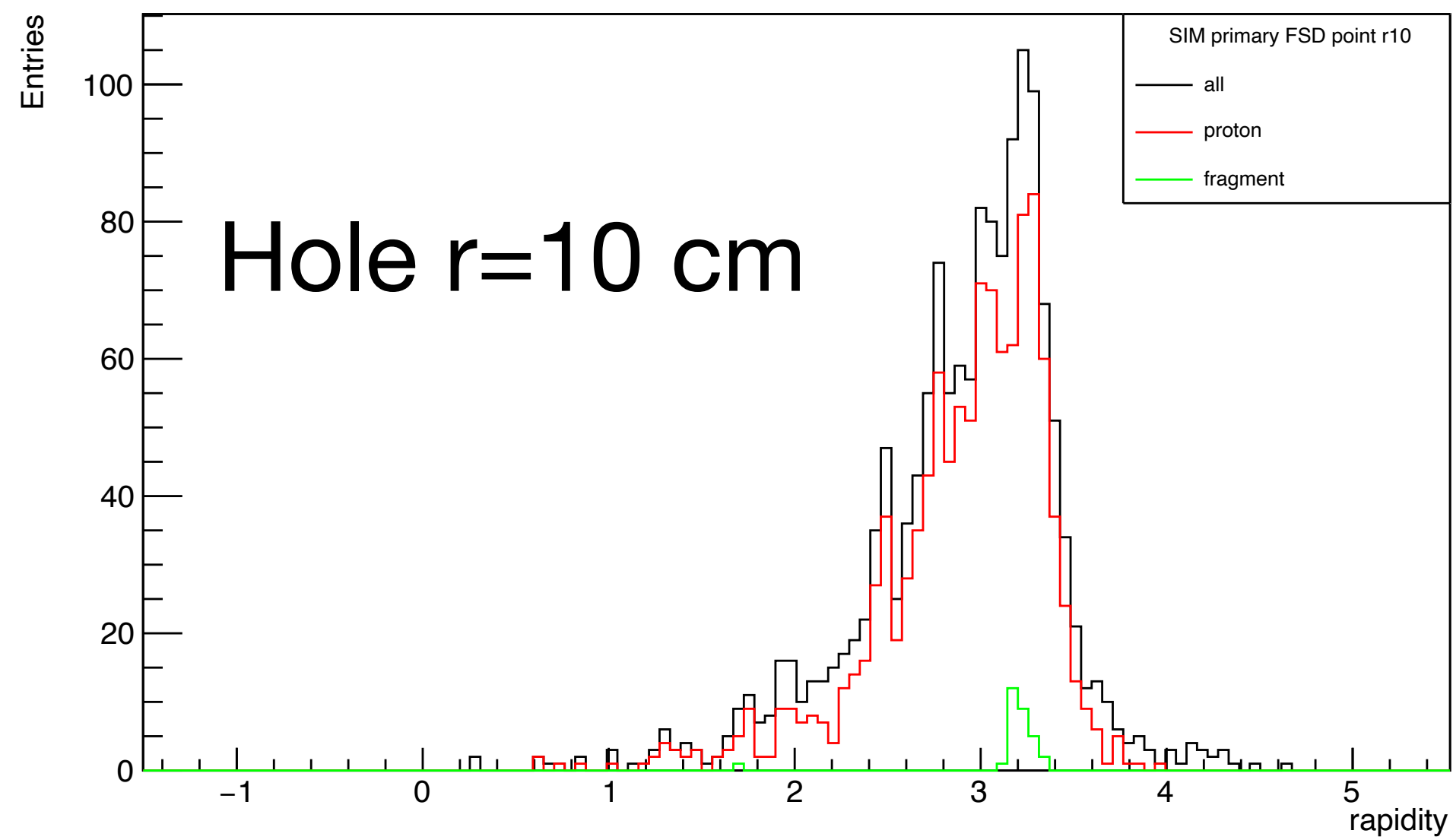


QN

Radim Dvořák
FNSPE CTU

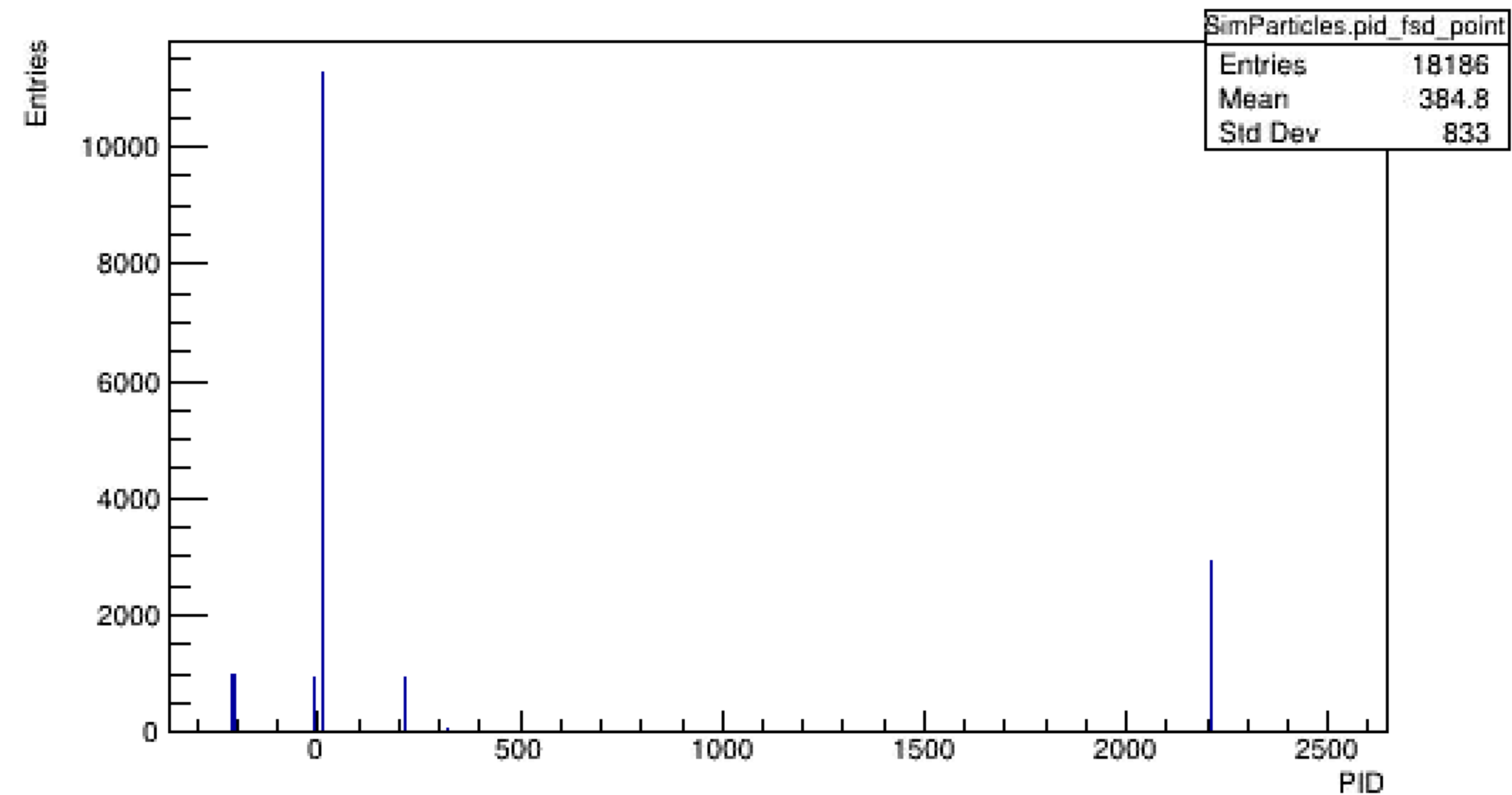
Rapidity





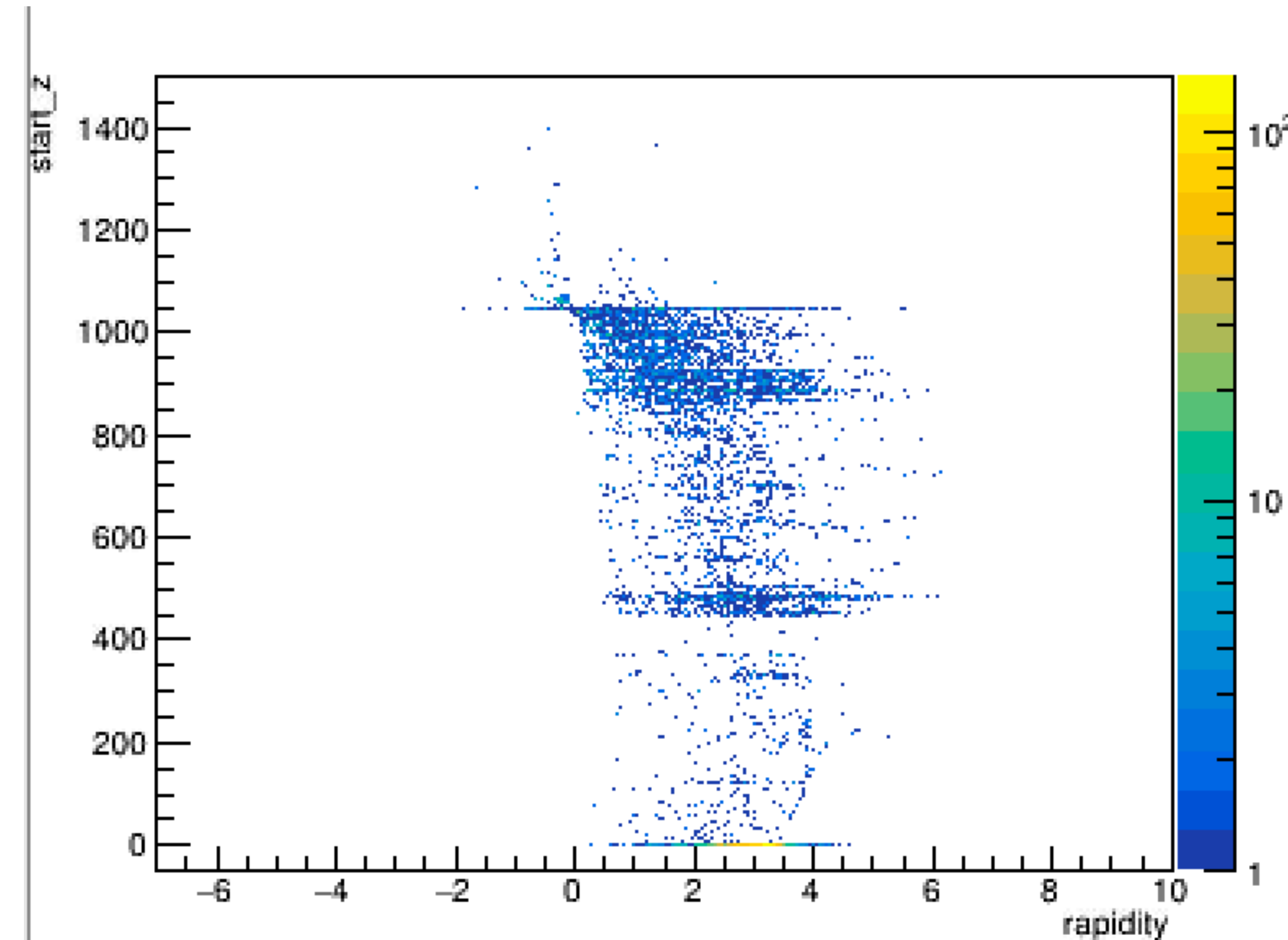
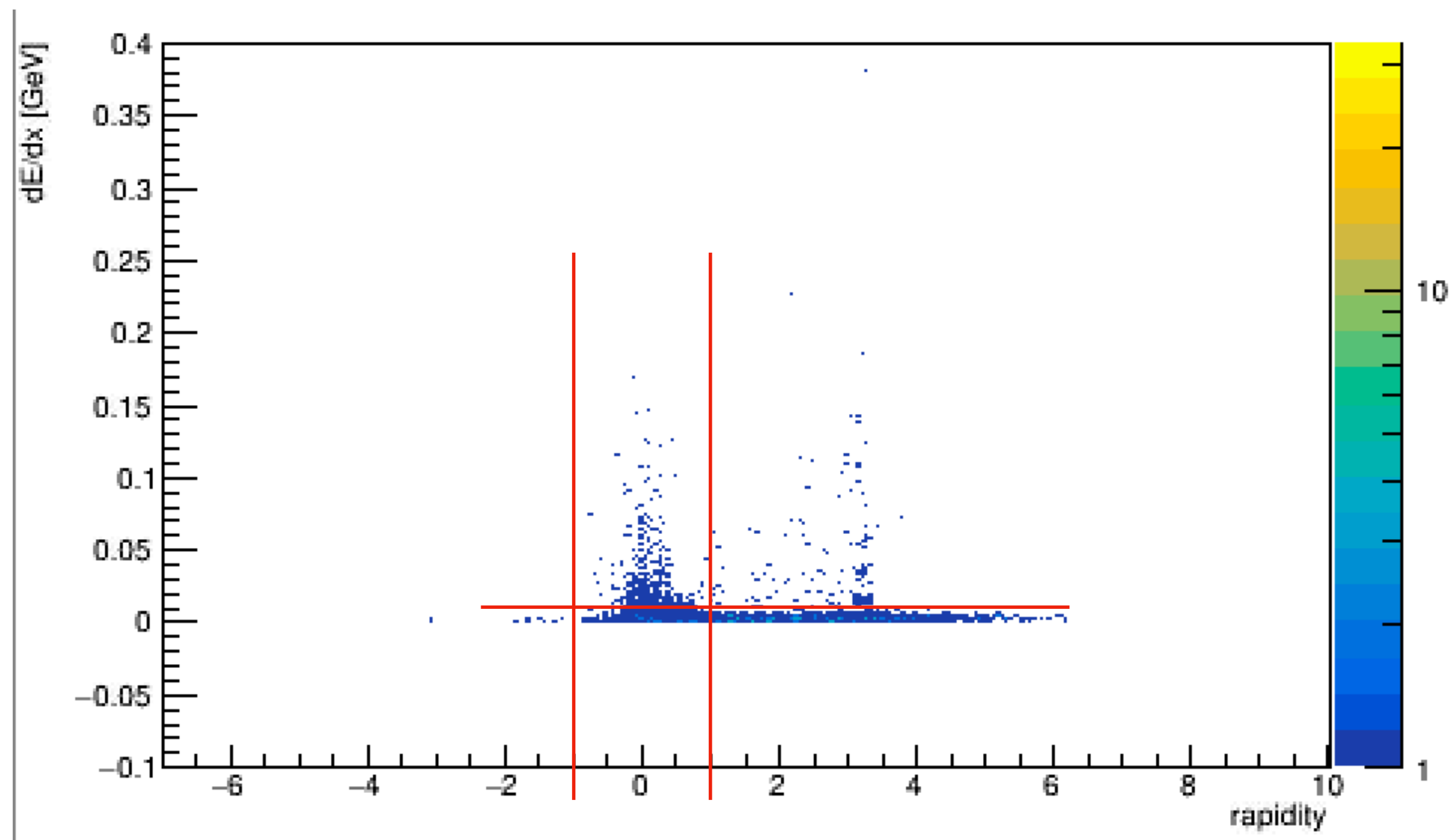
PID

- PID of simulated particles with FSD point
- Mainly electrons and protons



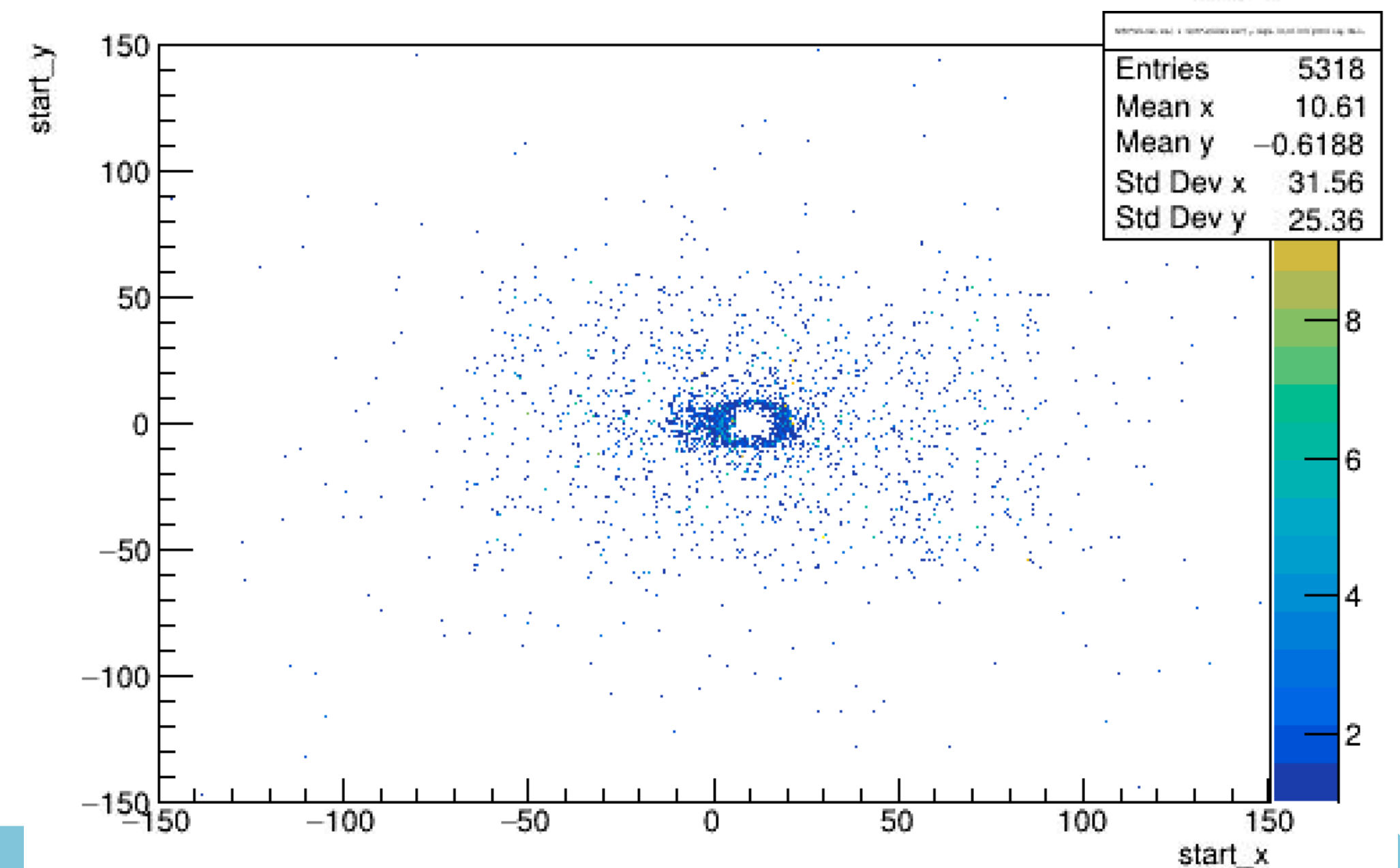
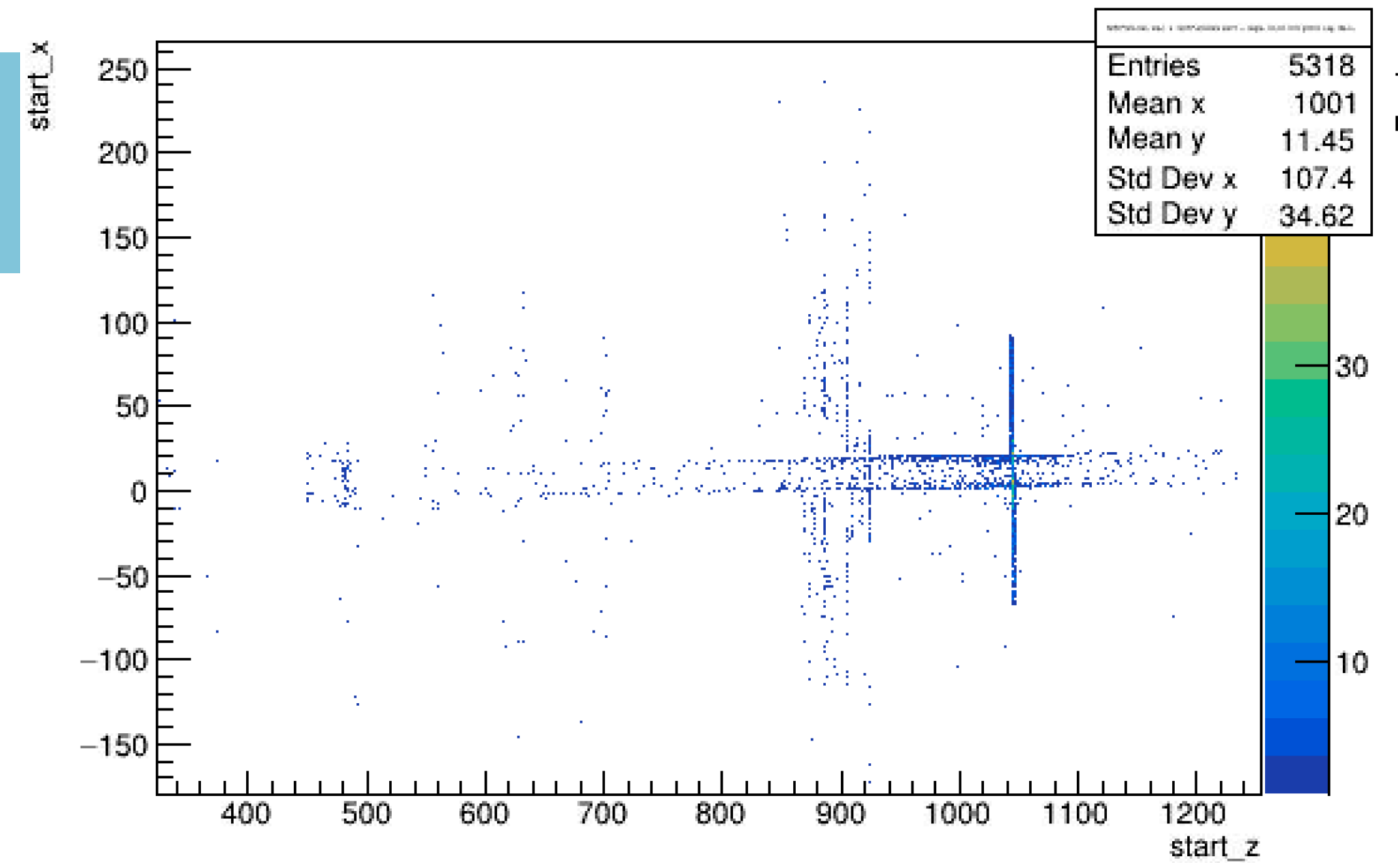
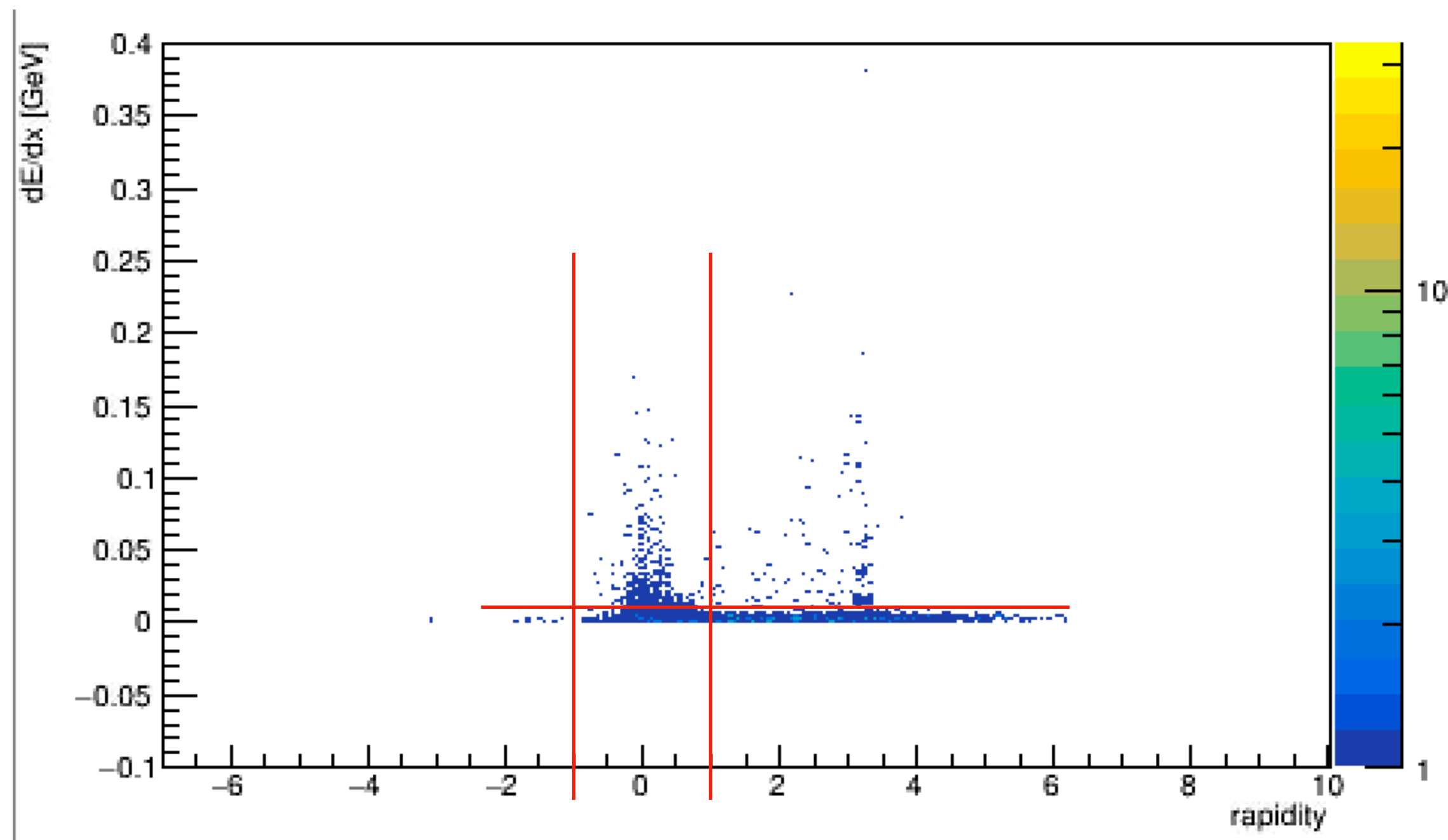
Sim particles - dEdx, z position

- Sim particles with point in FSD, no overlaps



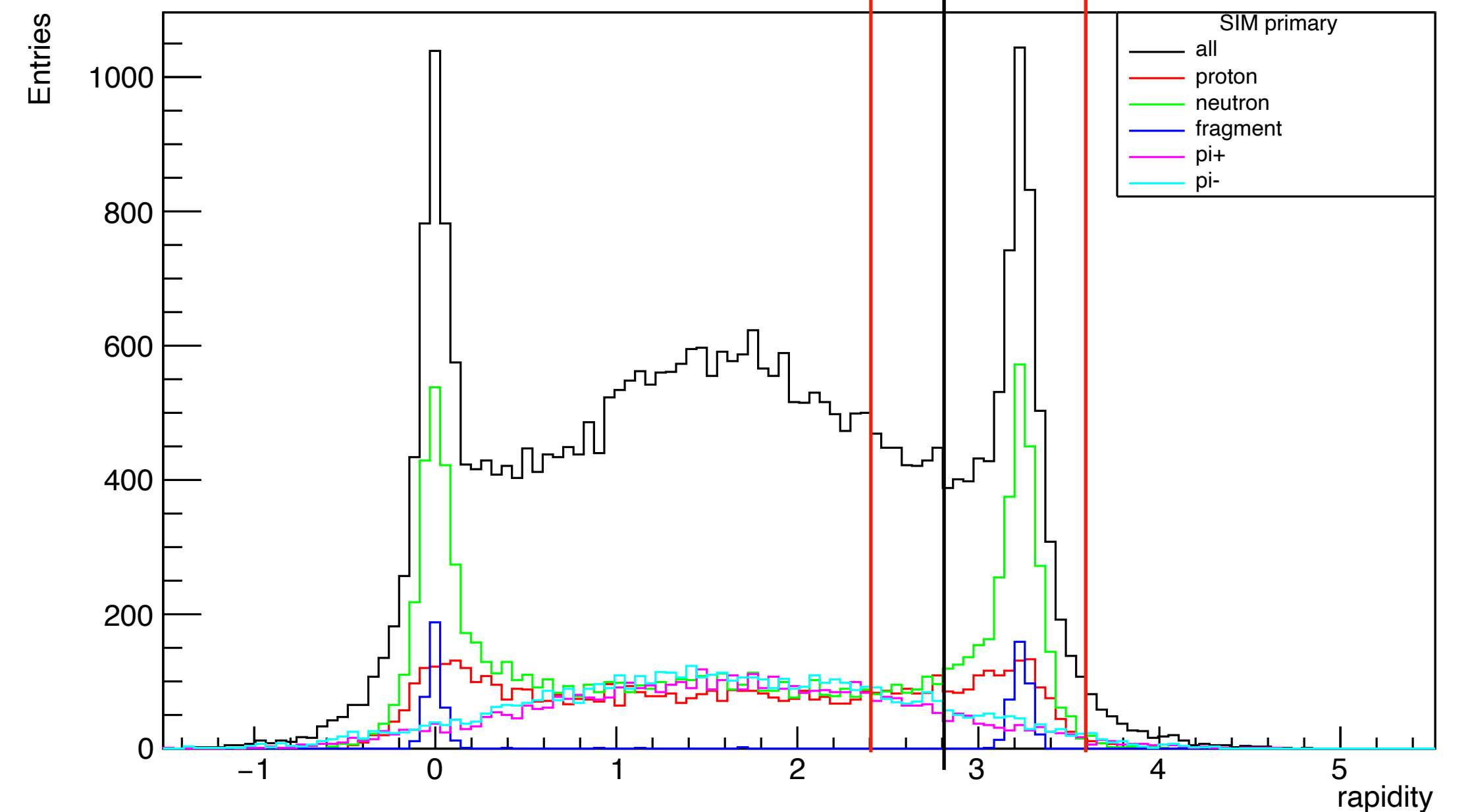
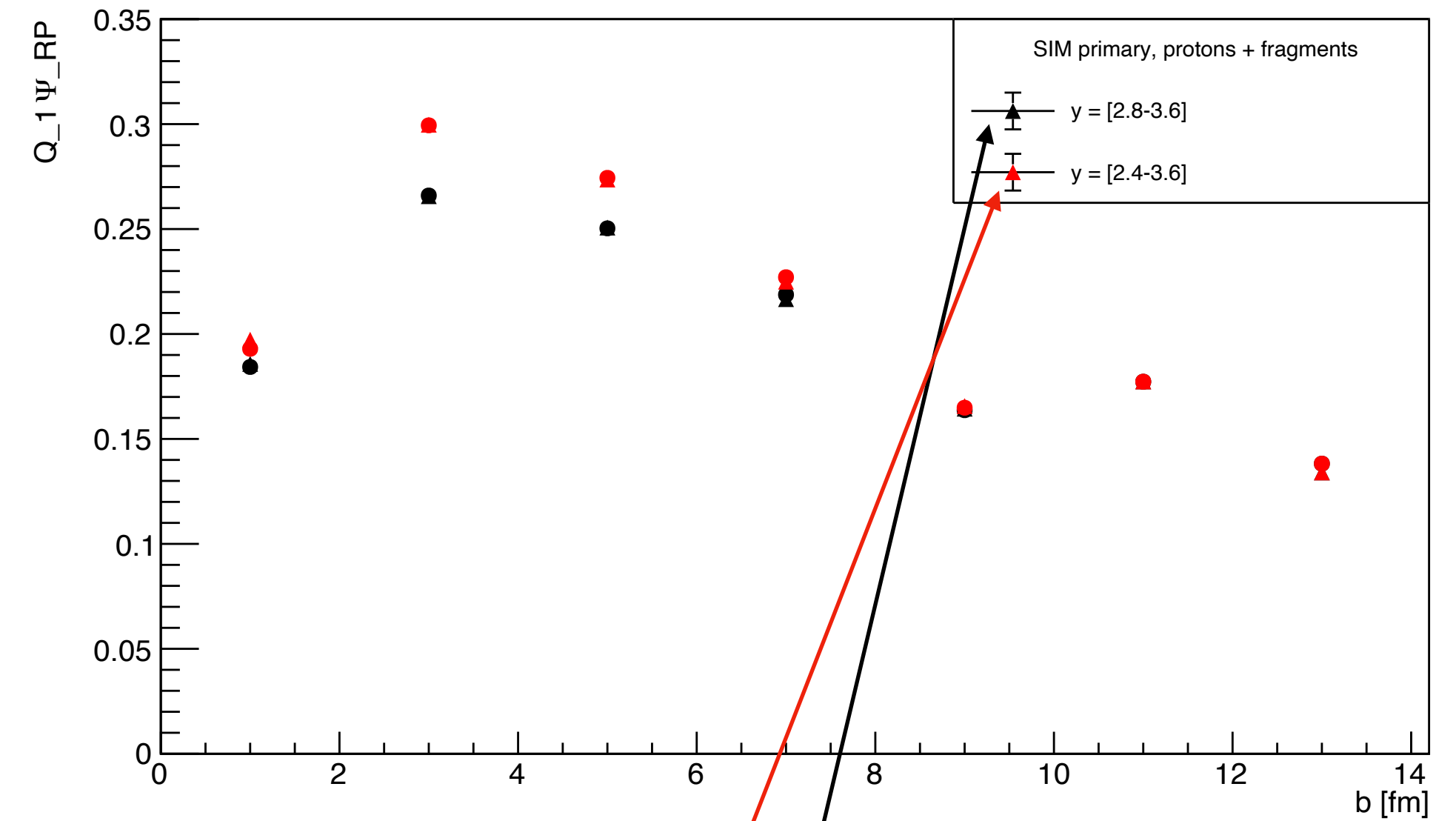
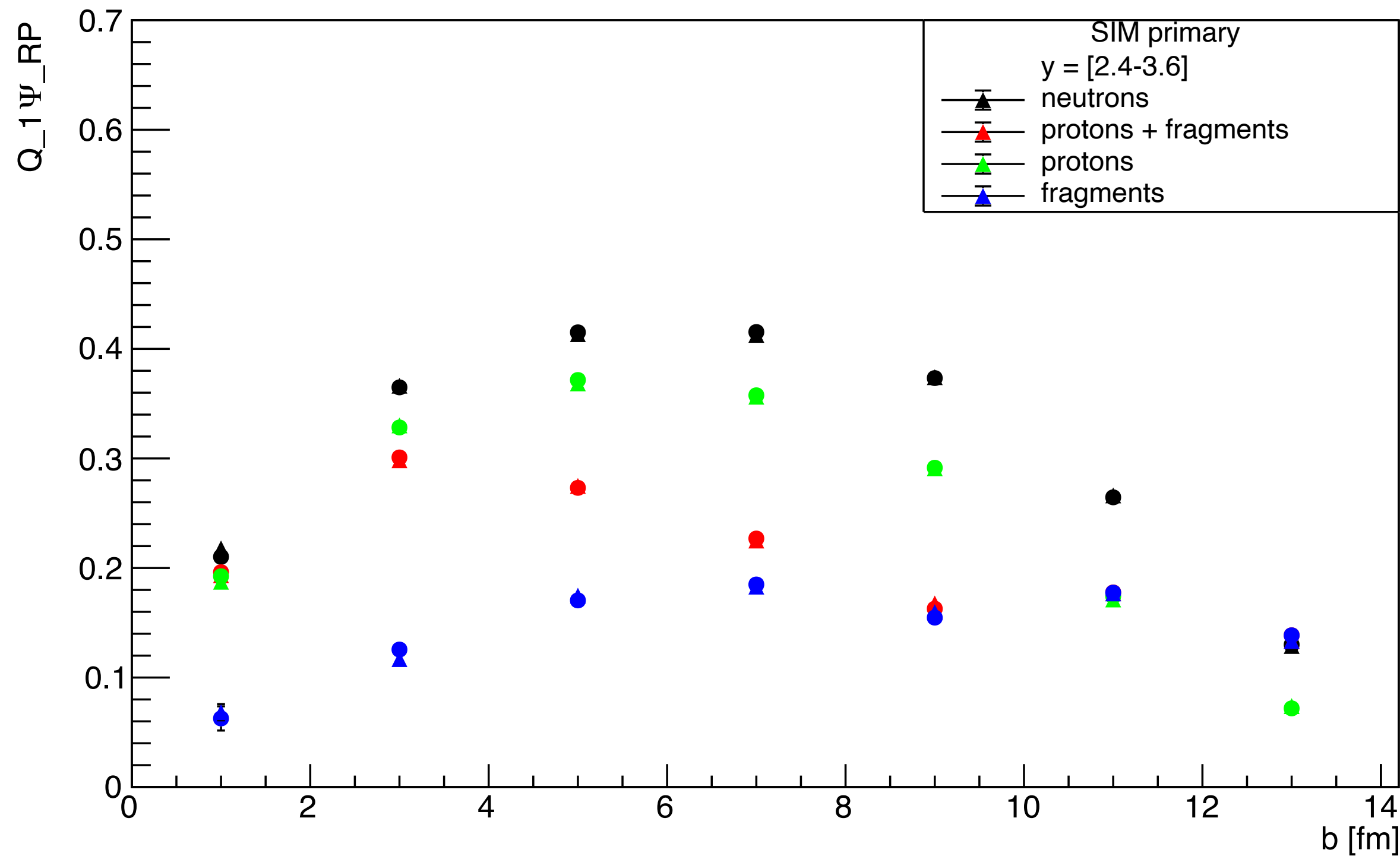
Sim particles - dEdx

- Mainly protons, $p_z < 1$ GeV



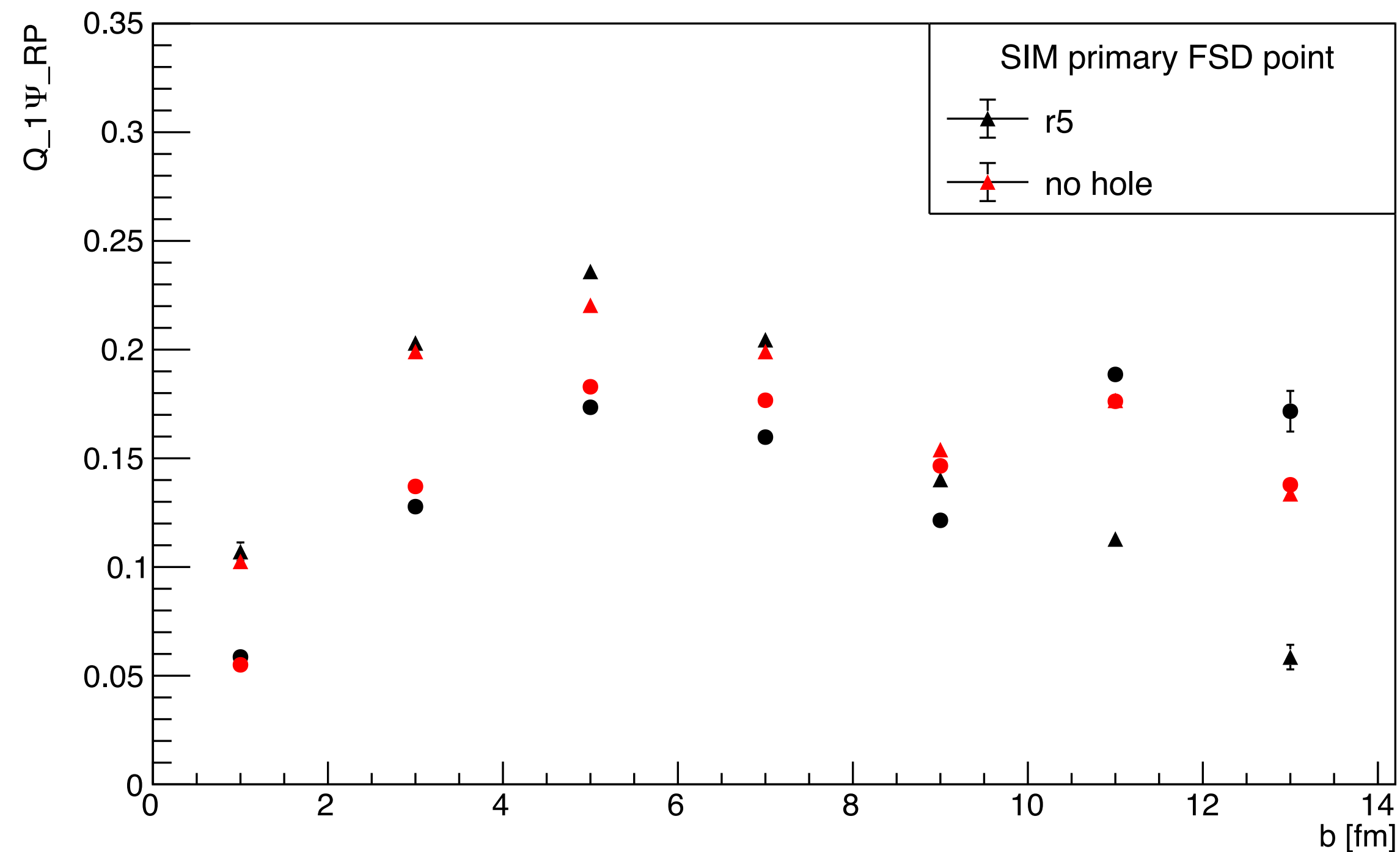
Primary protons+fragments

- Neutrons and protons has same impact

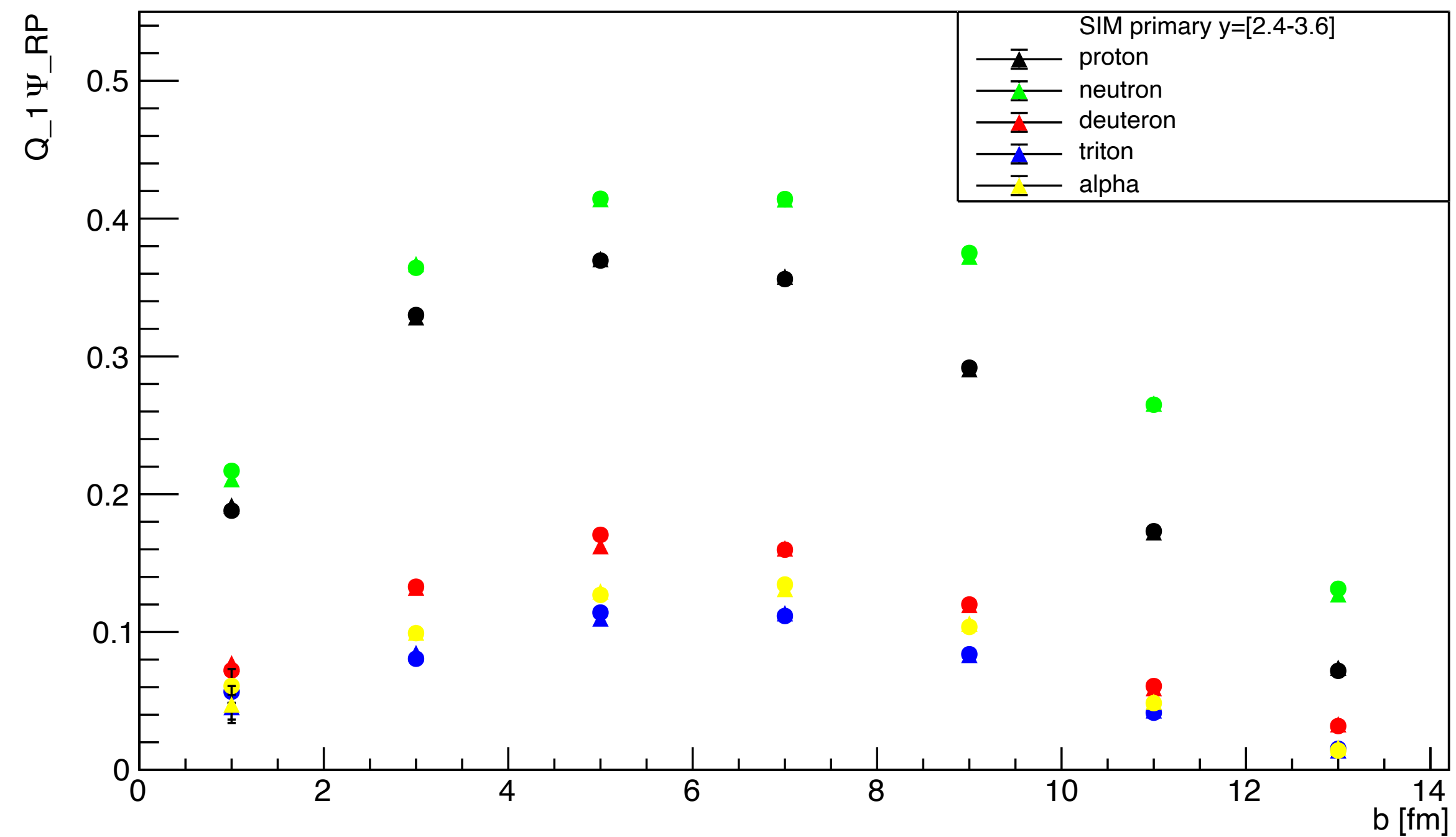


Simulated particles with point in FSD

- Resolution is lost somewhere in the detector

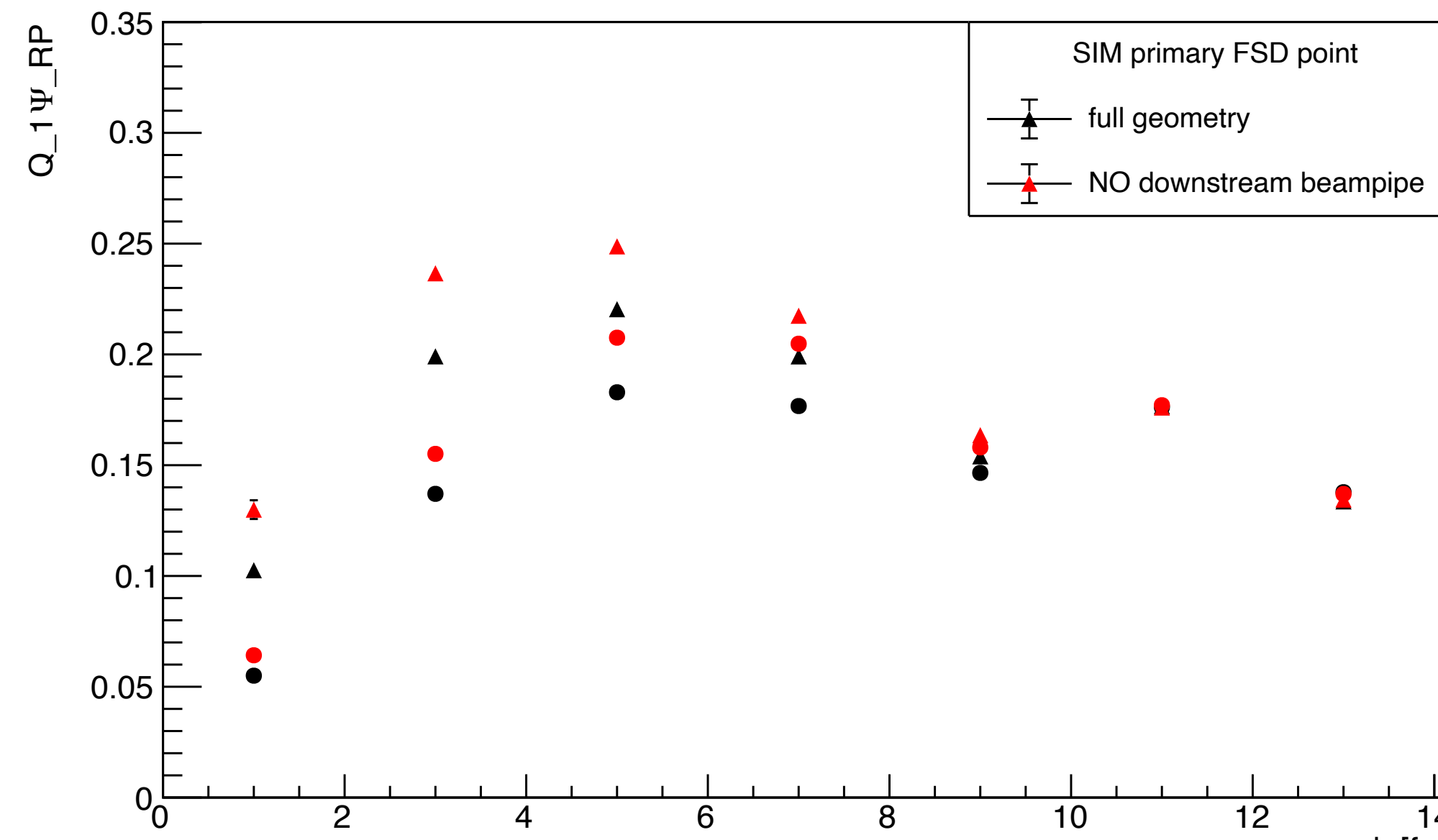


Resolution of different particles



Remove of downstream beampipe

- AT level was complaining about removing STS, RICH, TOF
- Only downstream pipe was removed (including bellow)
- No hole in FSD



```
[INFO] Writing MC-tracks from event # 0 file 0  
root.exe: /u/rdvorak/CBM/cbmroot/analysis/common/analysis_tree_converter/CbmTofHitsConverter.cxx:76: virtual void CbmTofHitsConverter::ProcessData(CbmEvent*): Assertion `cbm_tof_hits_' failed.
```