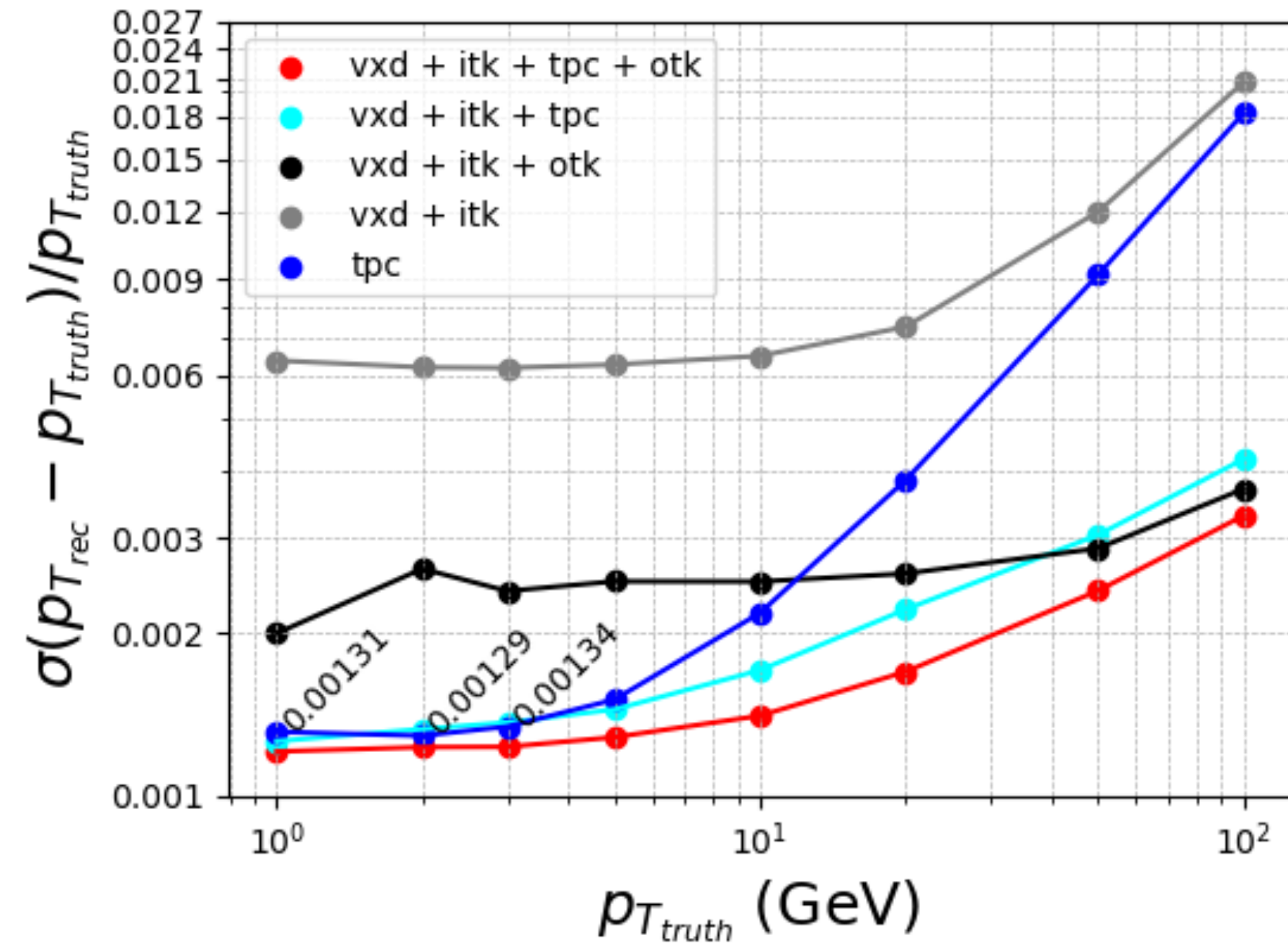


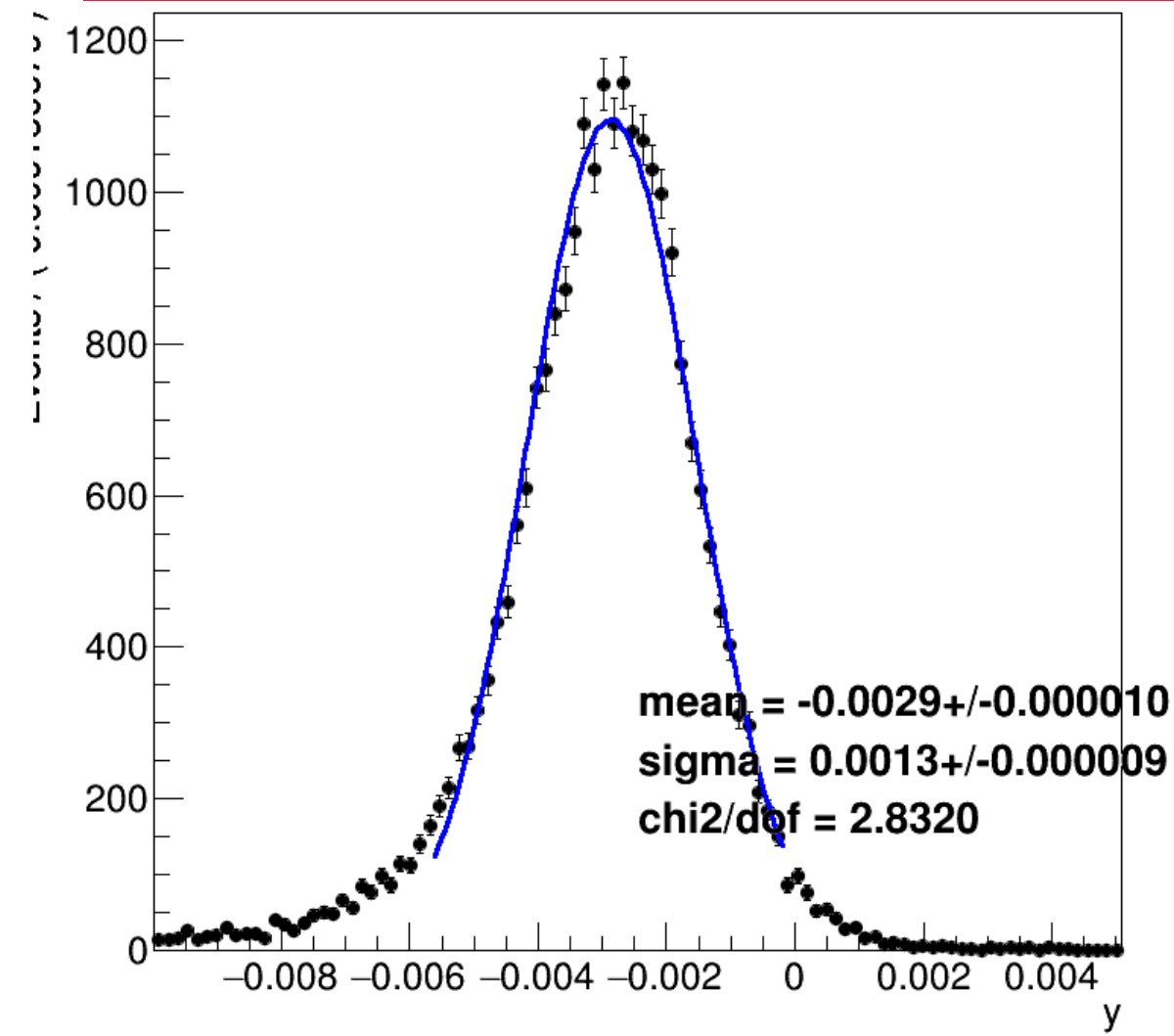
Trk & Vtx

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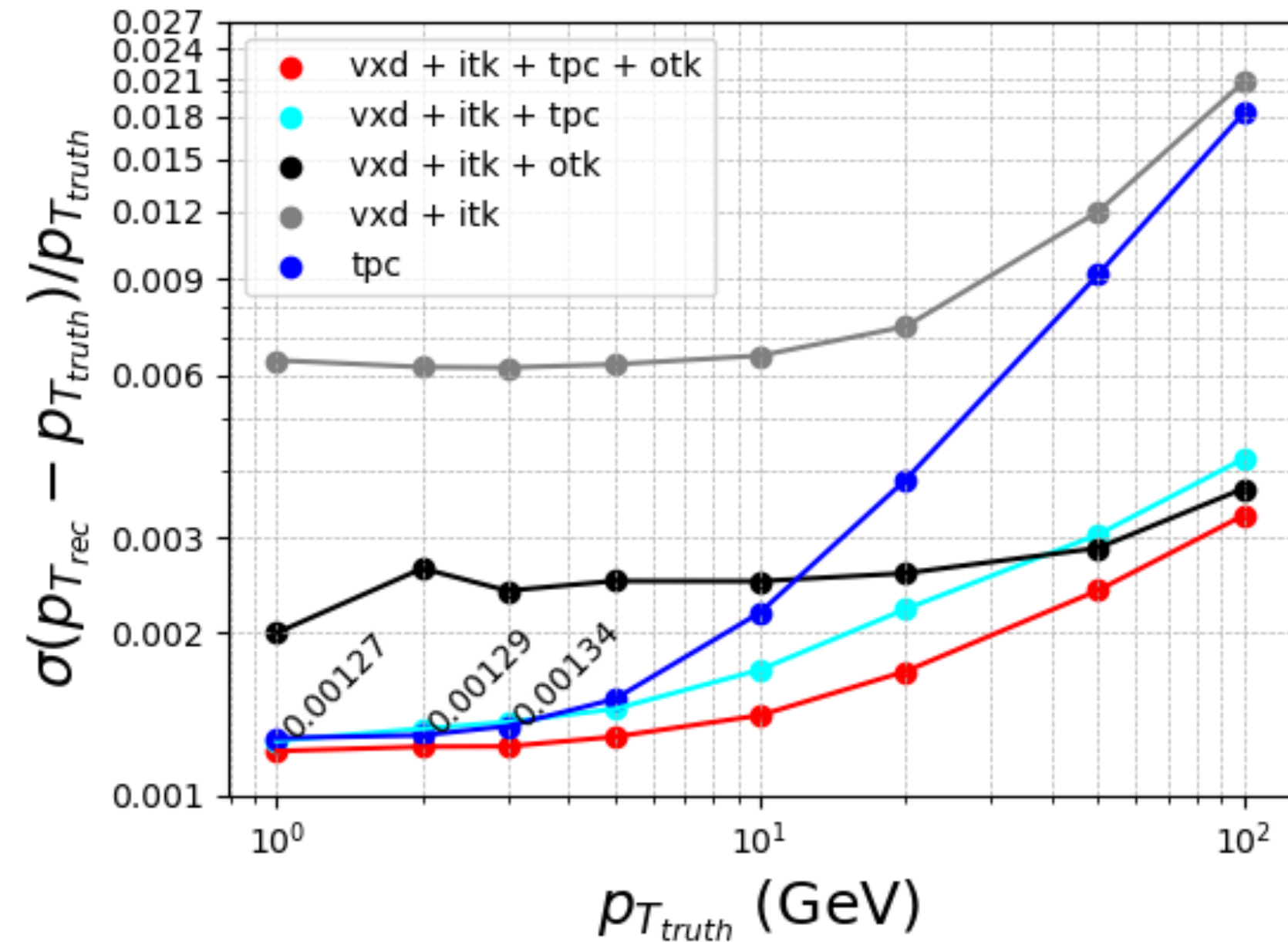
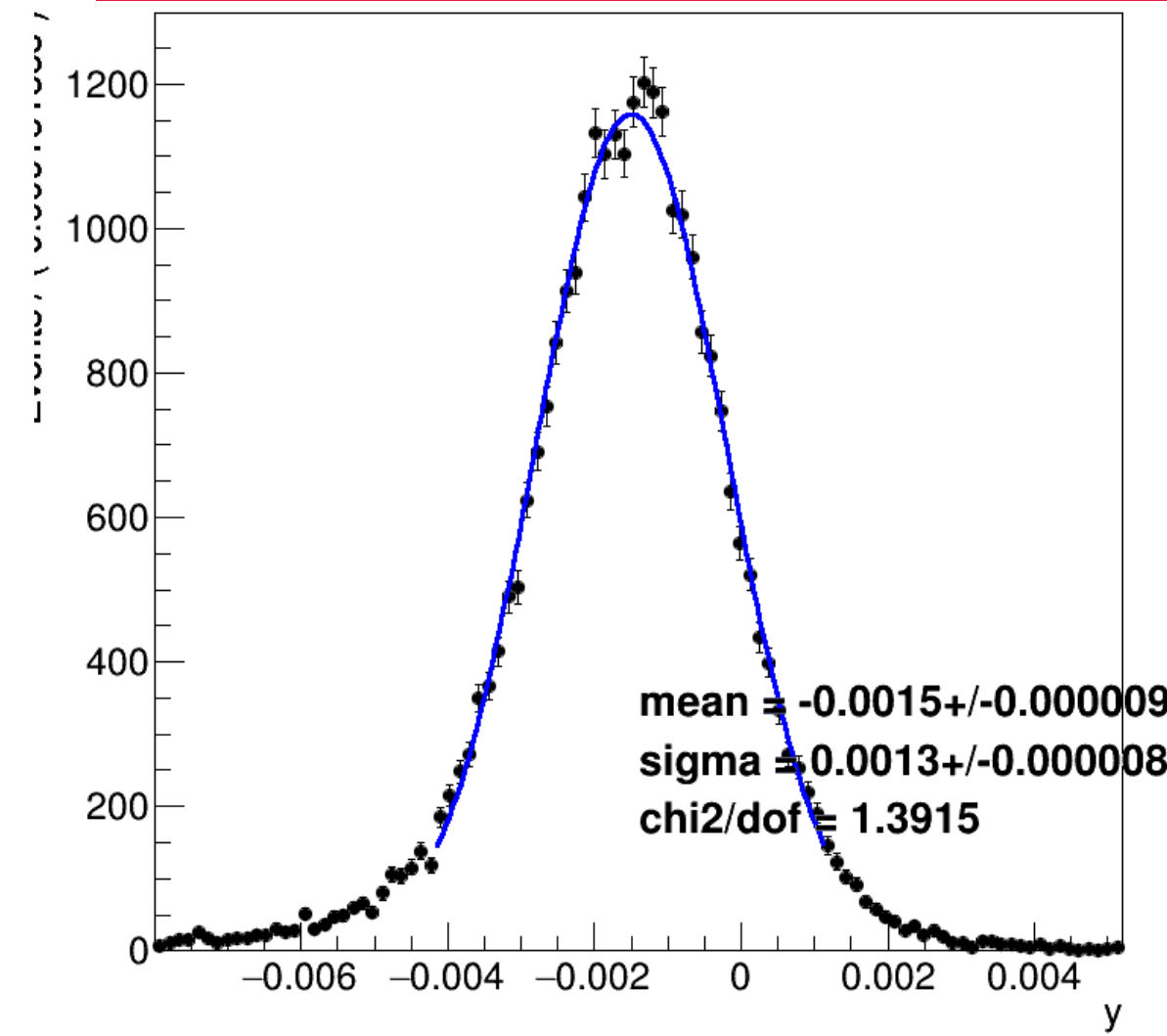
TPC Tracking @ Low pT, 85°



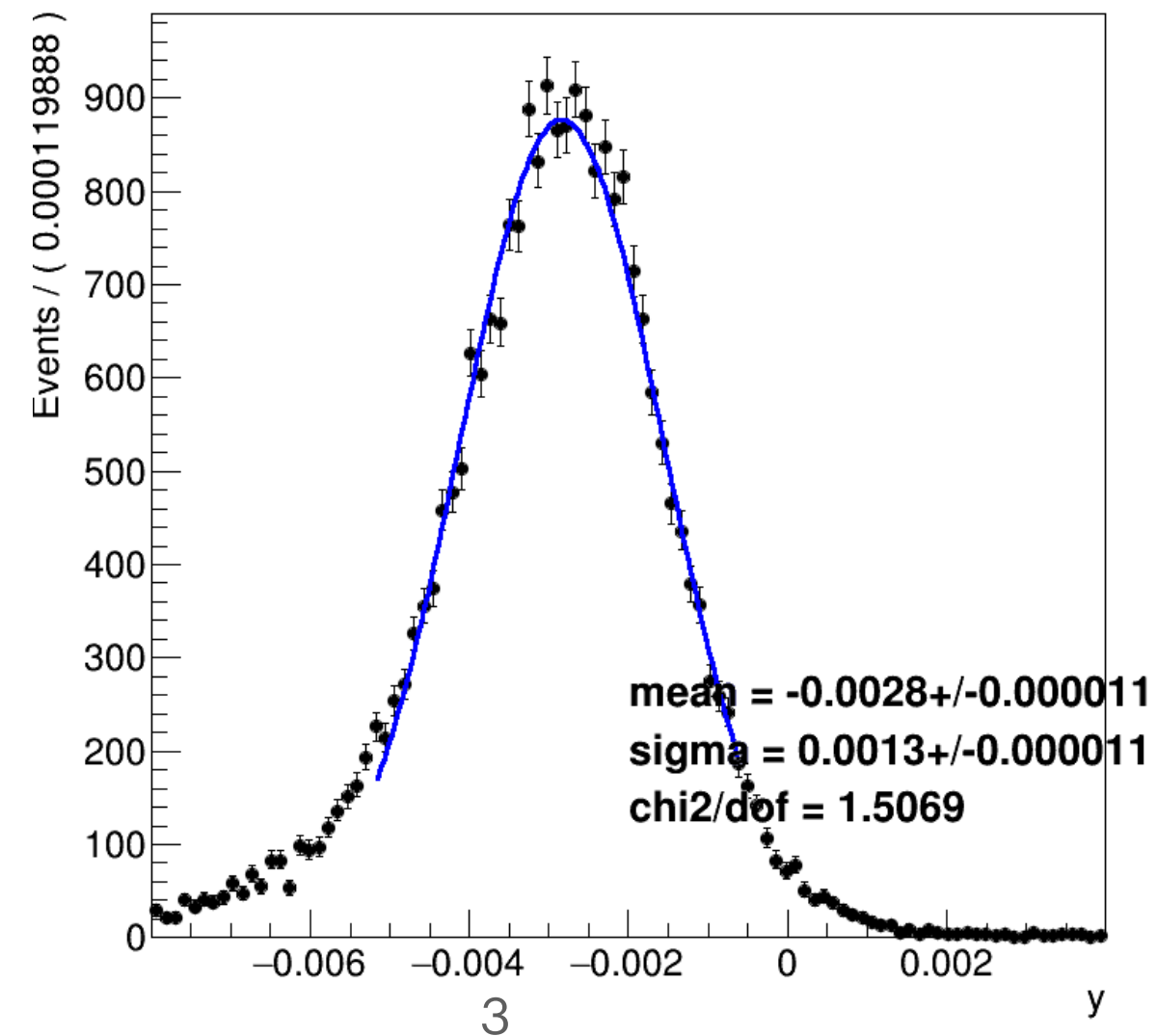
TPC tracking resolution @ 1GeV



TPC tracking resolution @ 2GeV



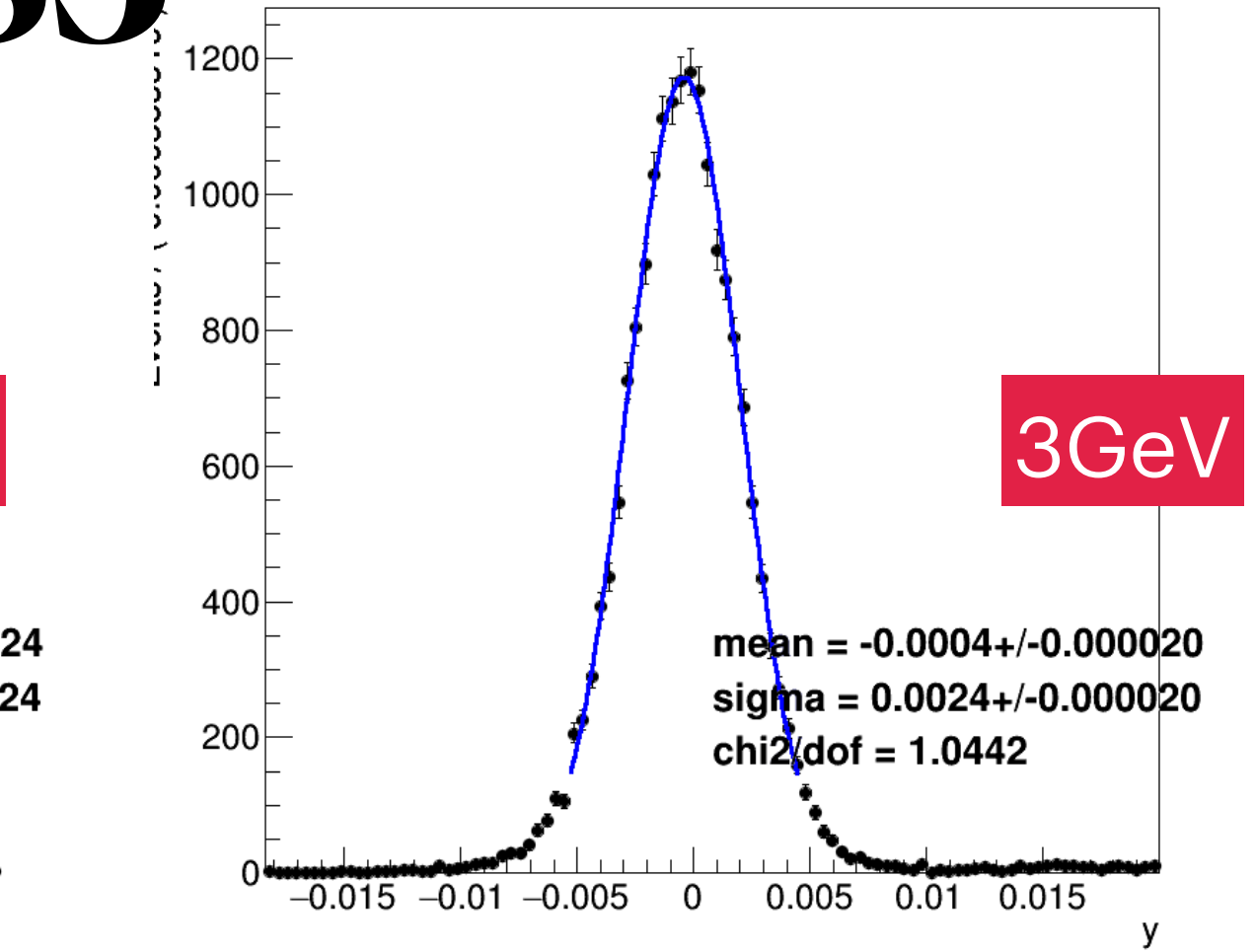
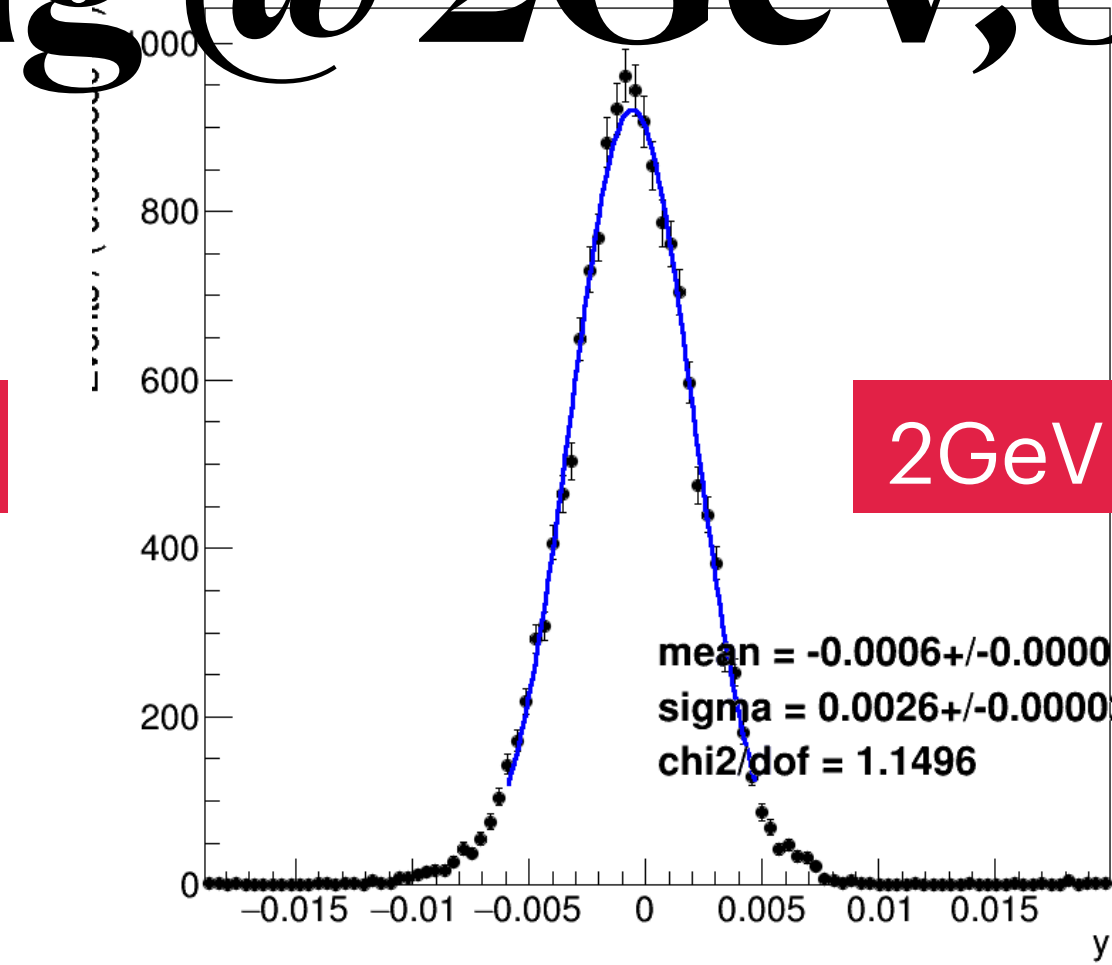
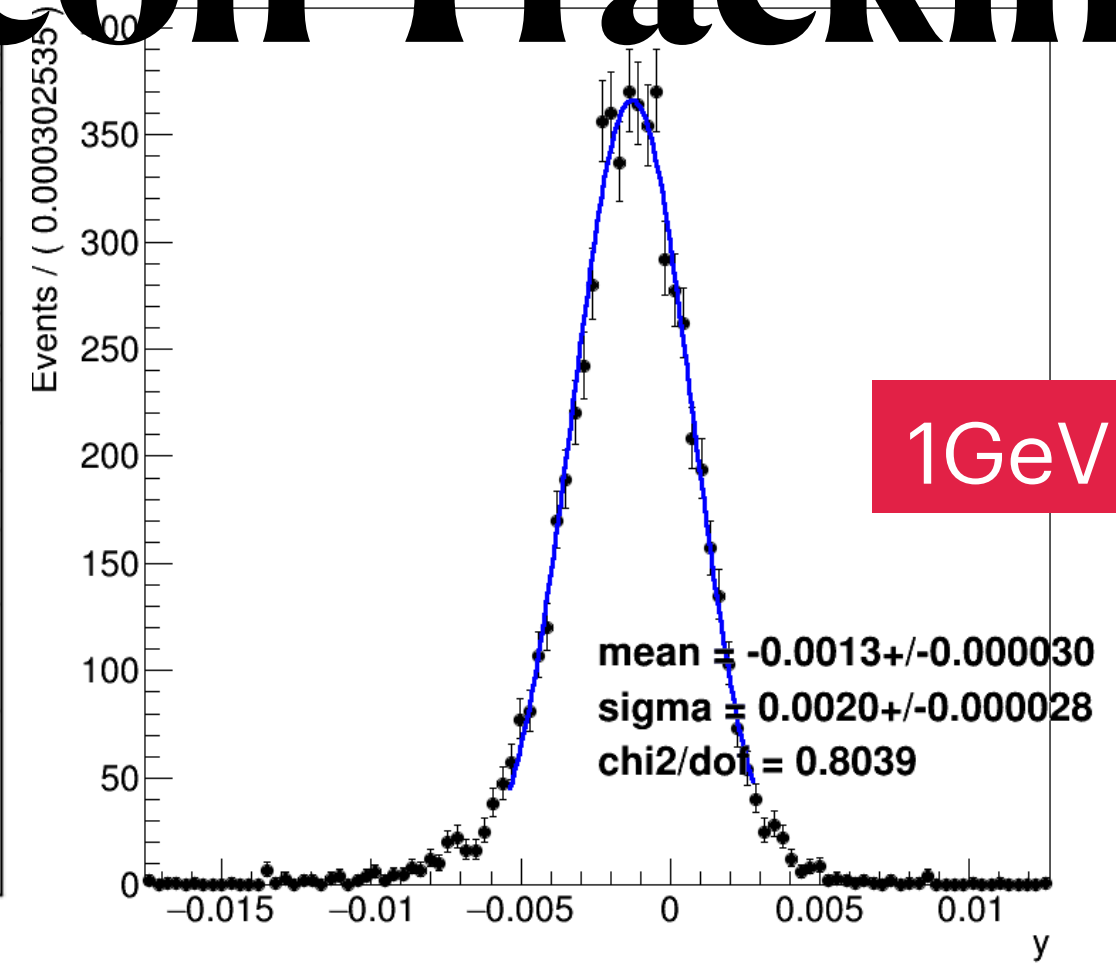
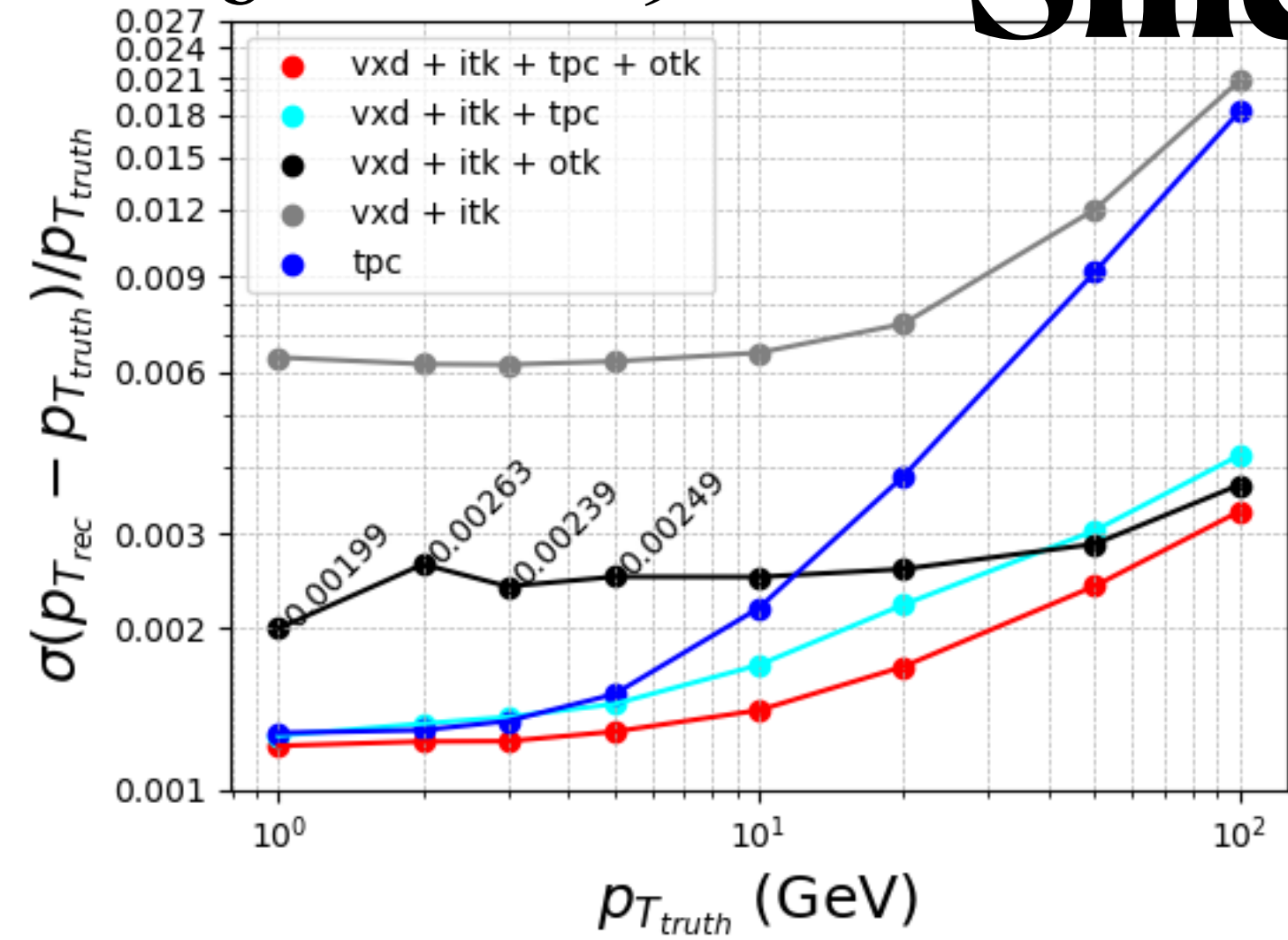
tpc



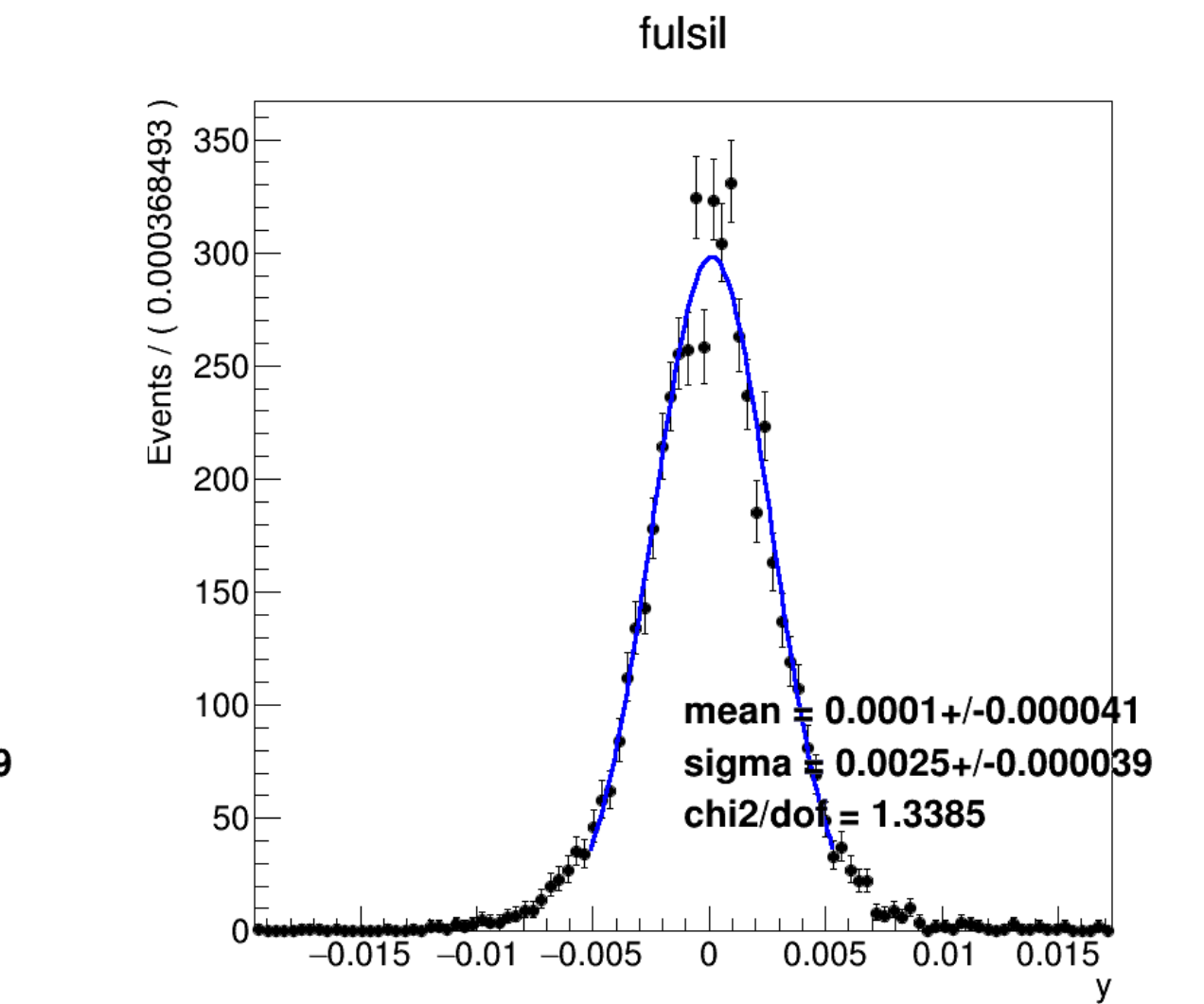
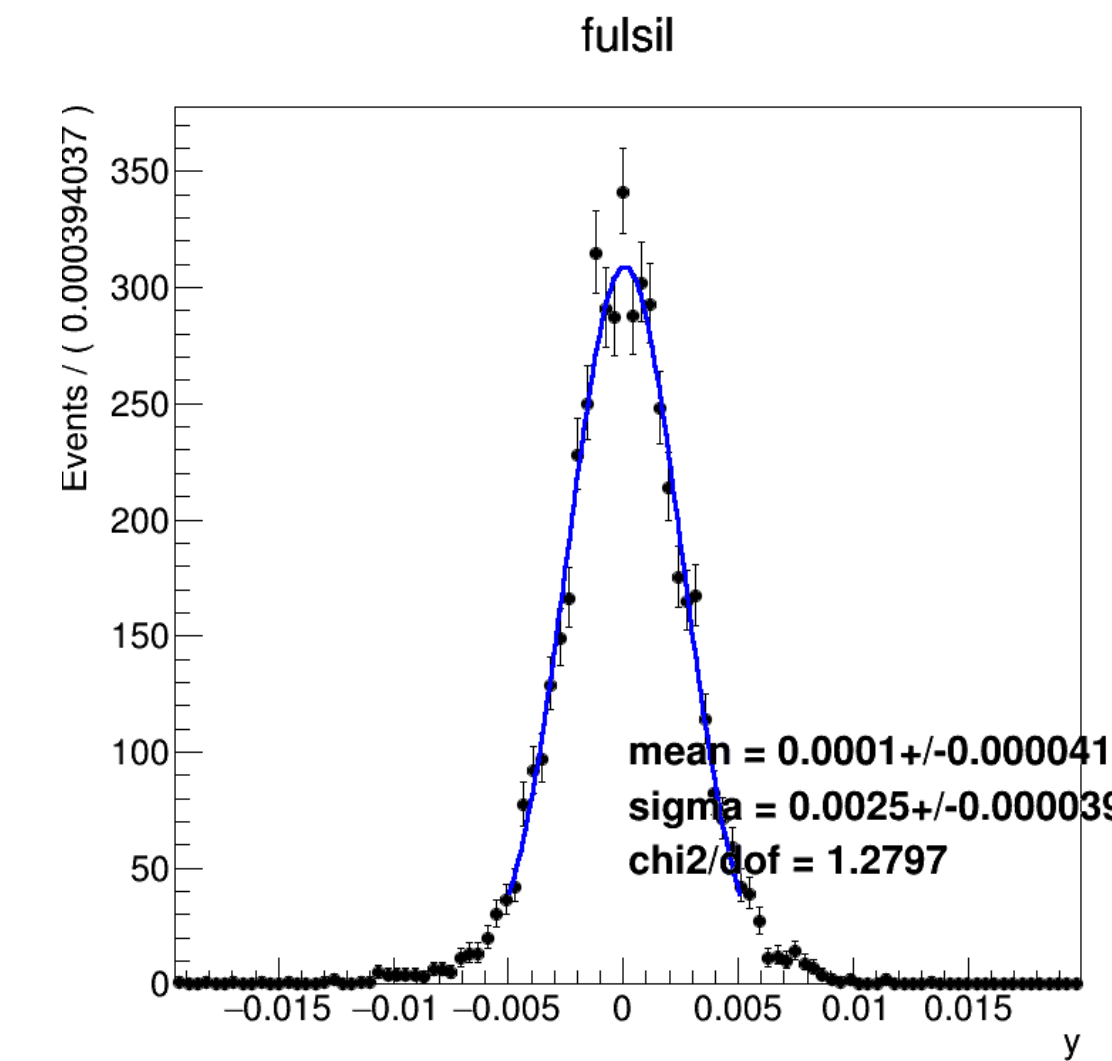
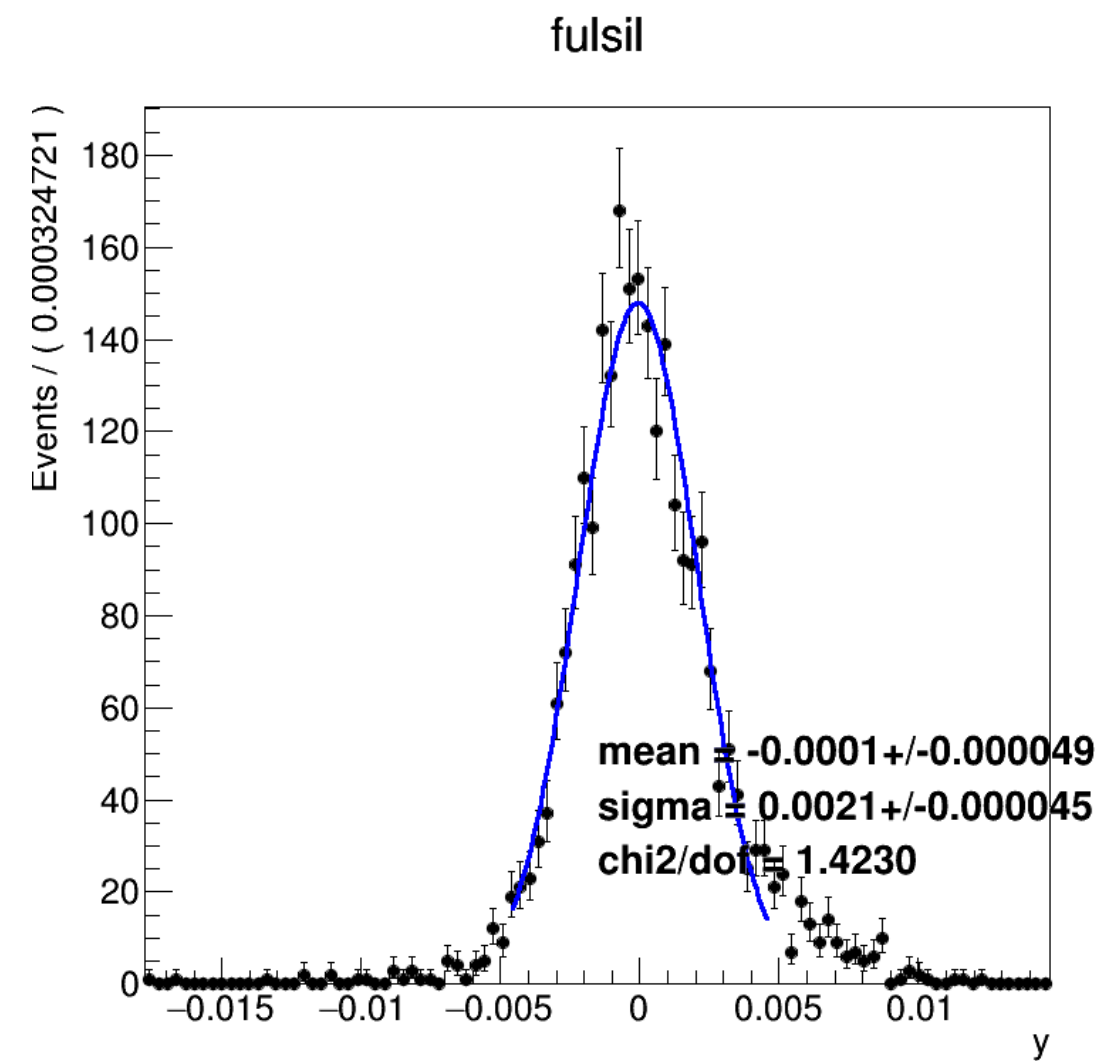
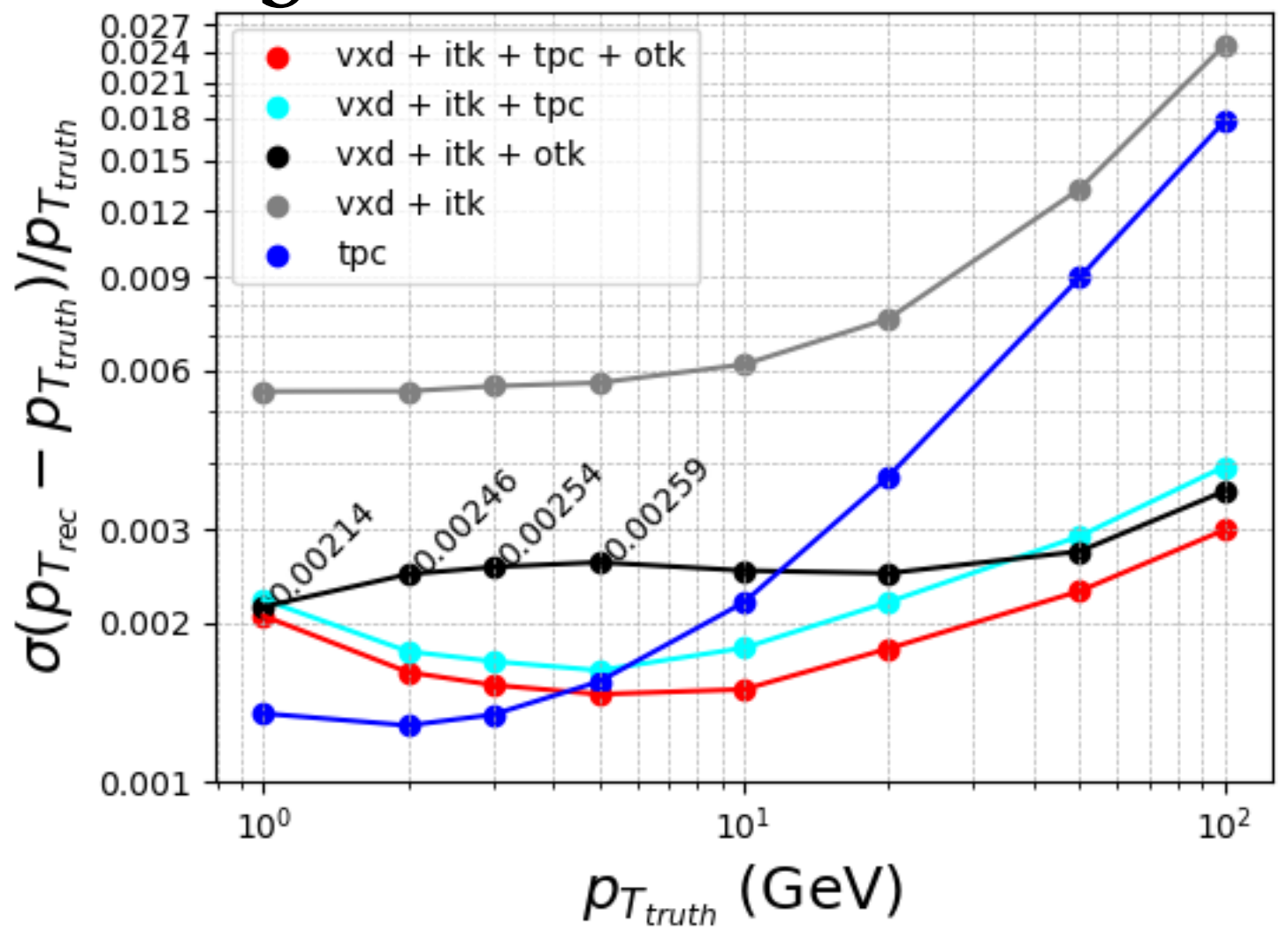
- Narrow the fit-range from 2 sigma to 1.7 sigma
- Reduced-chi2, 2.8 -> 1.5

SW 25.1.2 + MR198

Silicon Tracking @ 2 GeV, 85°

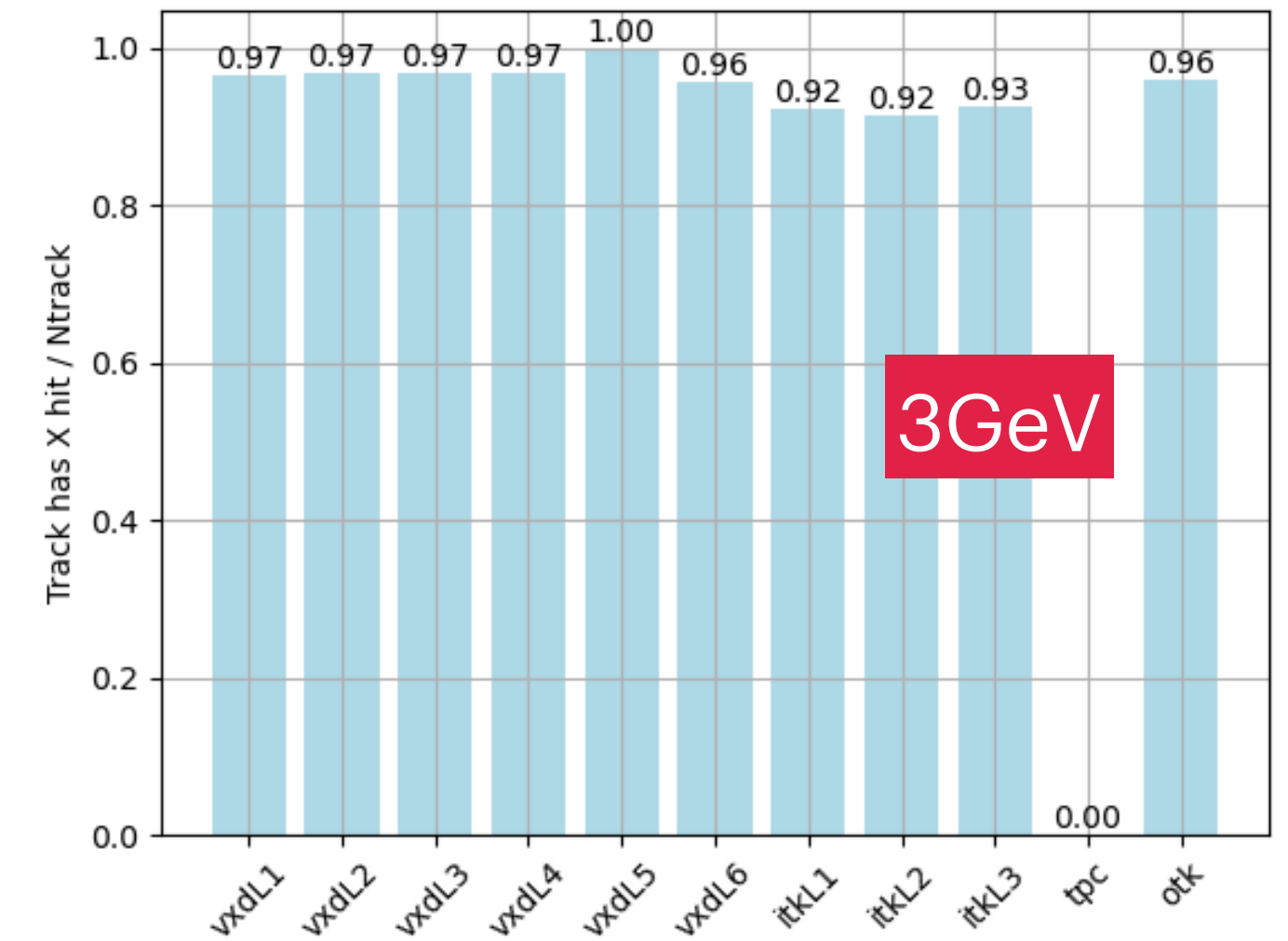
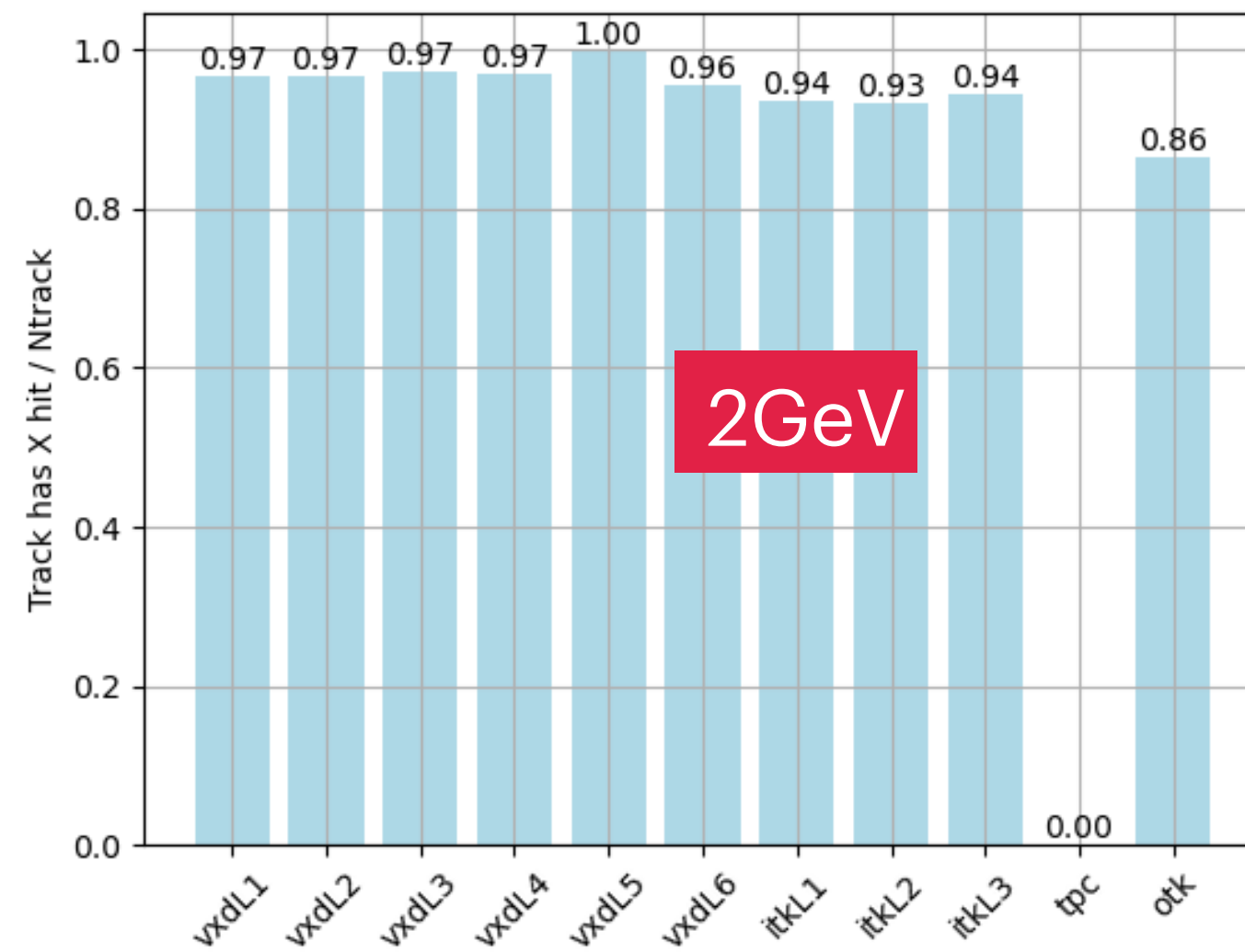
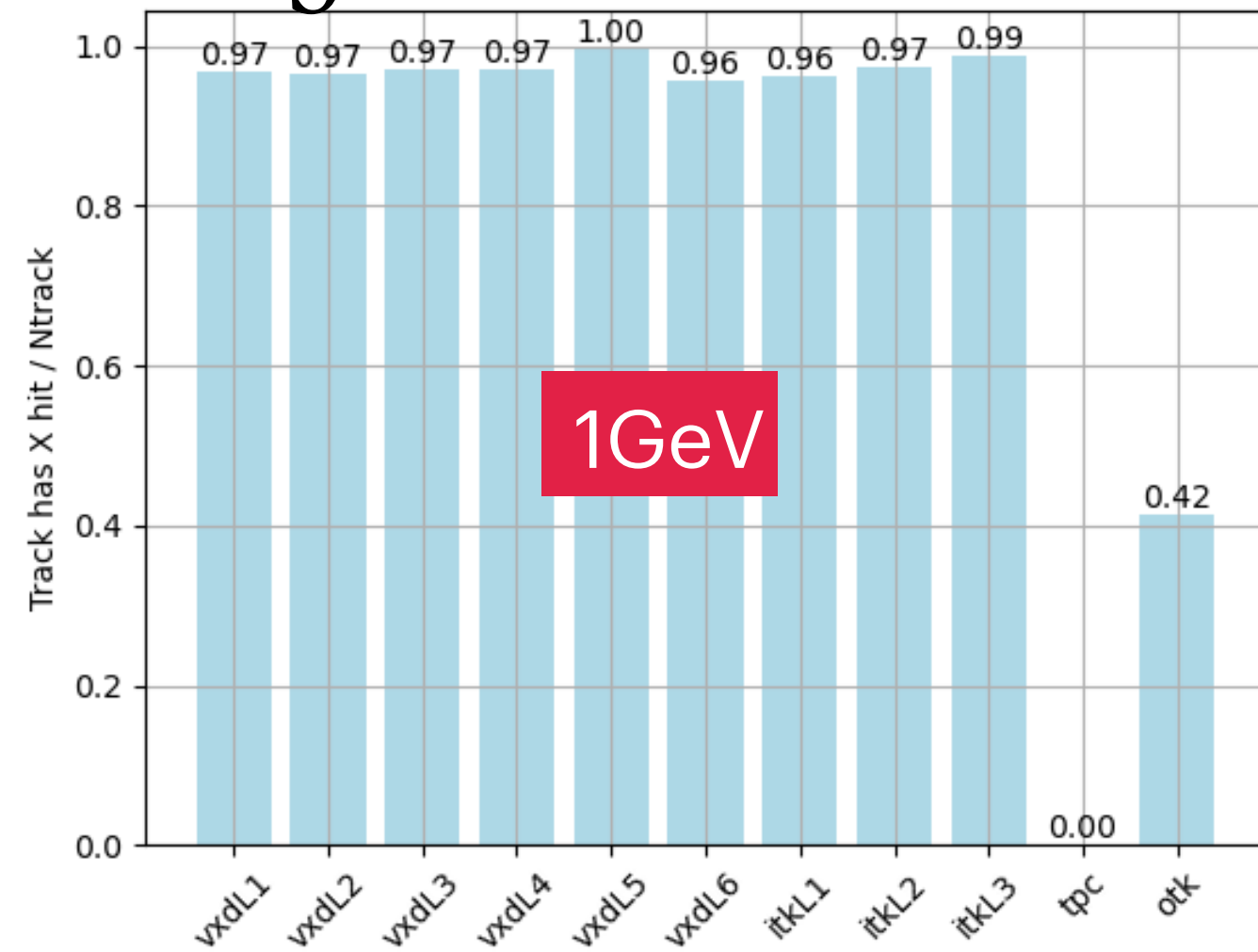


SW 25.1.2

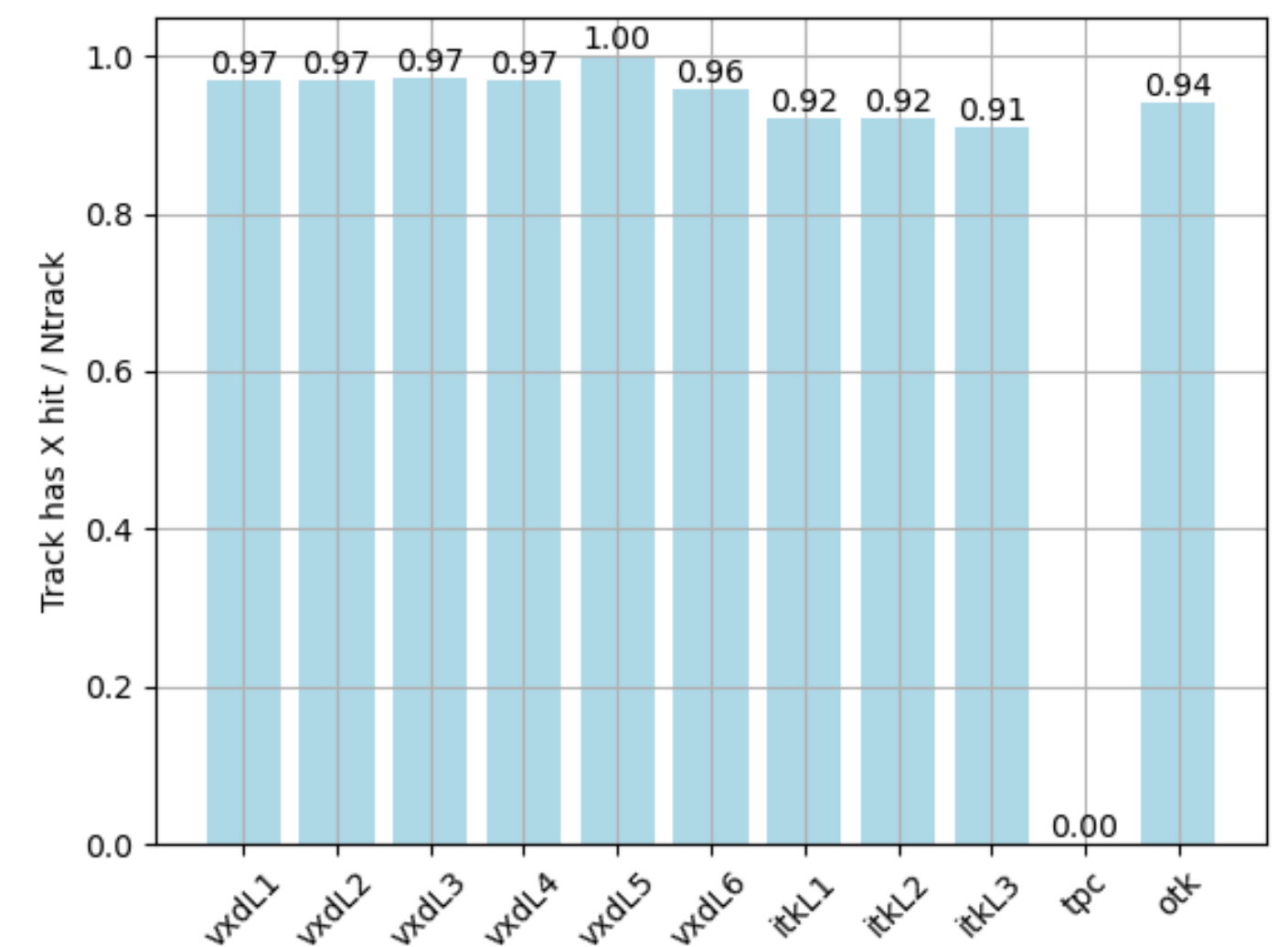
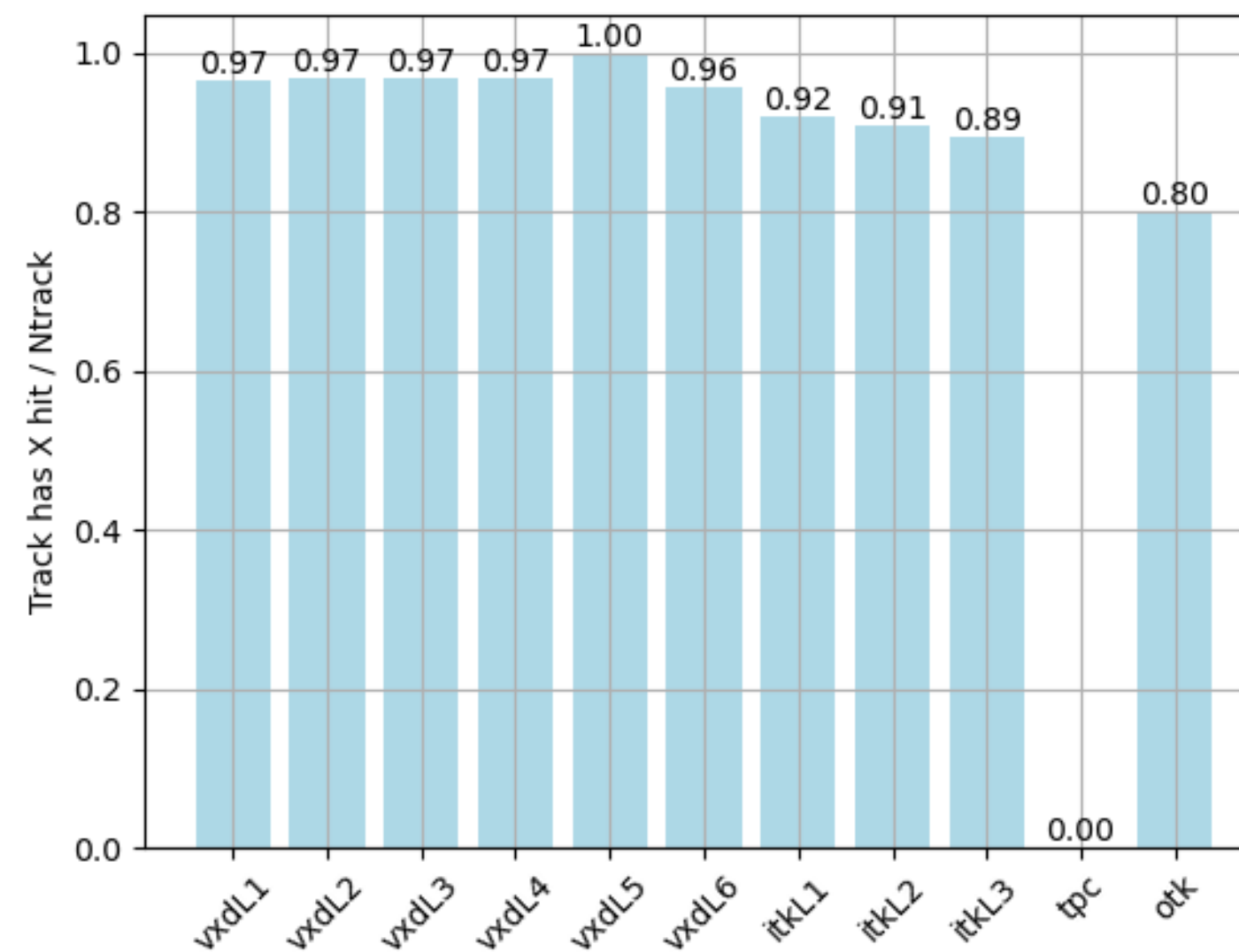
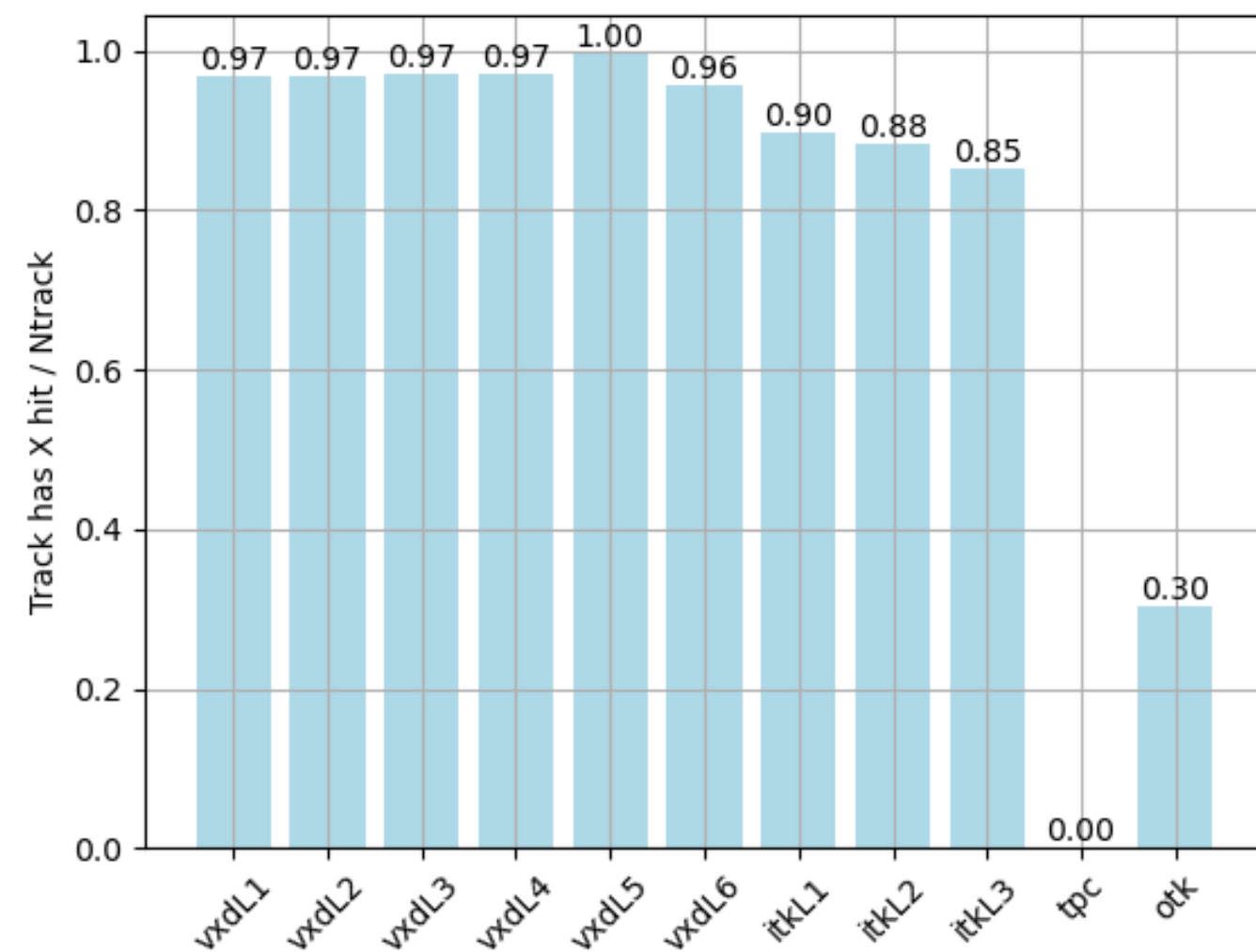


Silicon Tracking @ 2GeV, 85°

SW 25.1.2

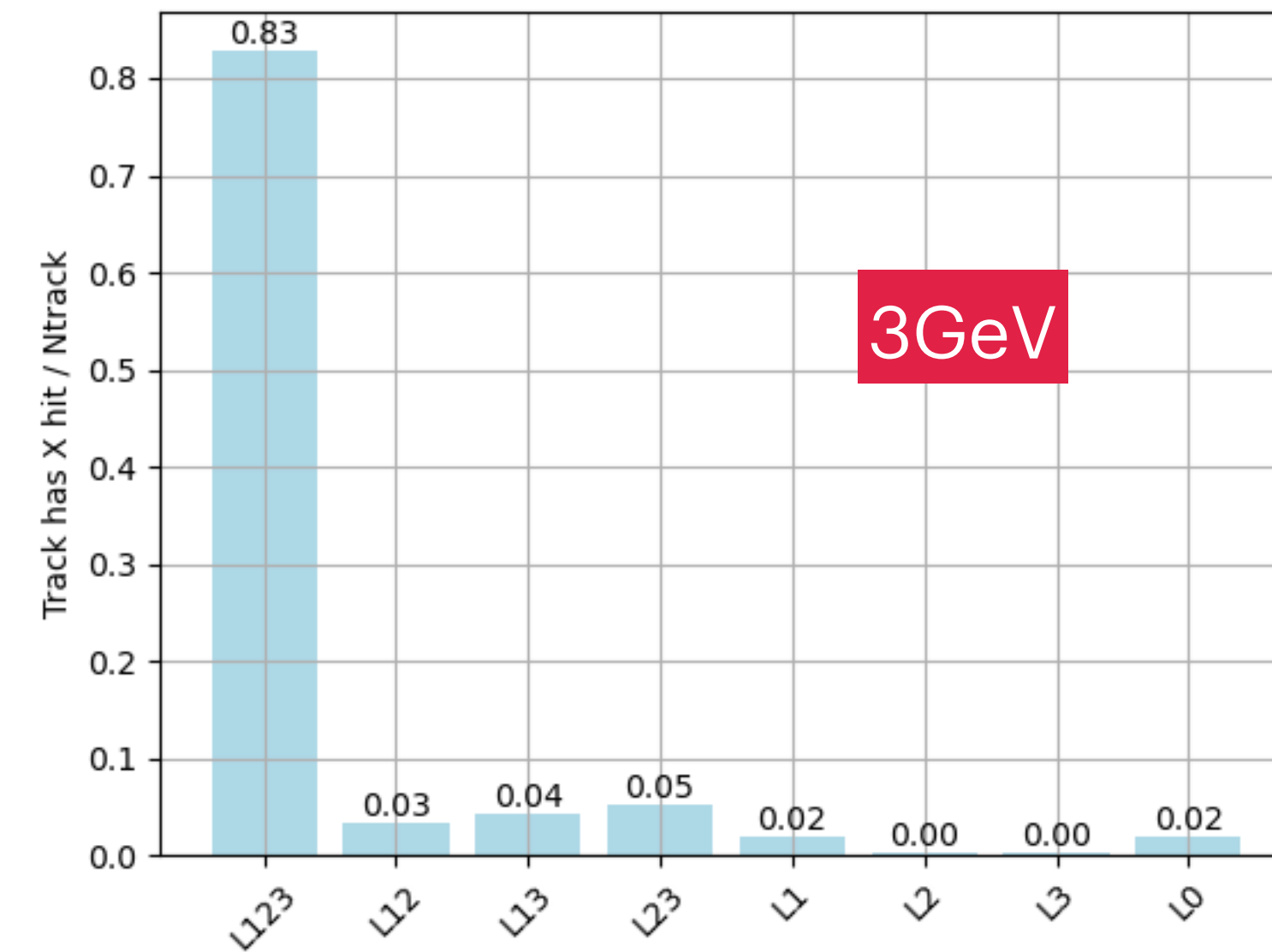
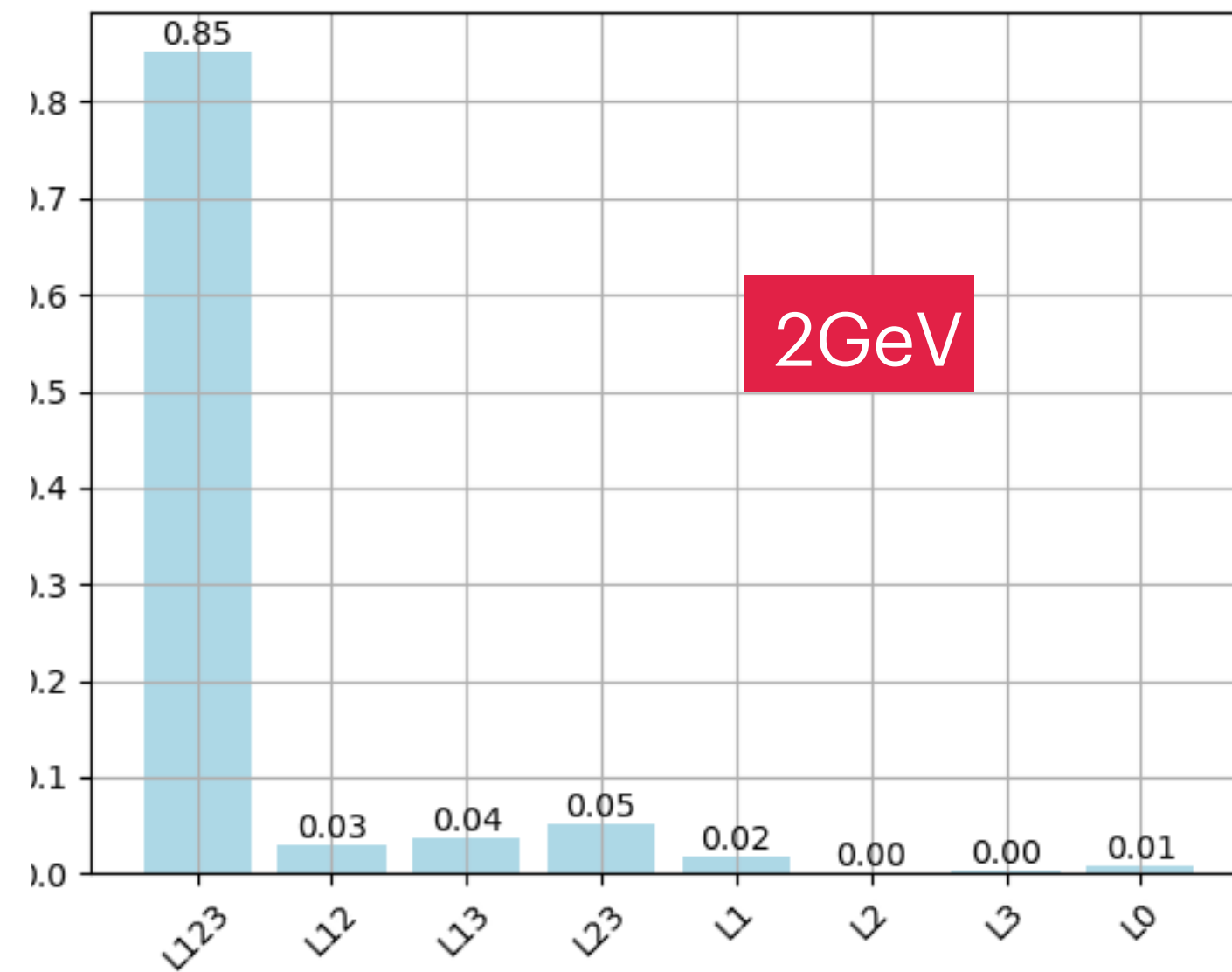
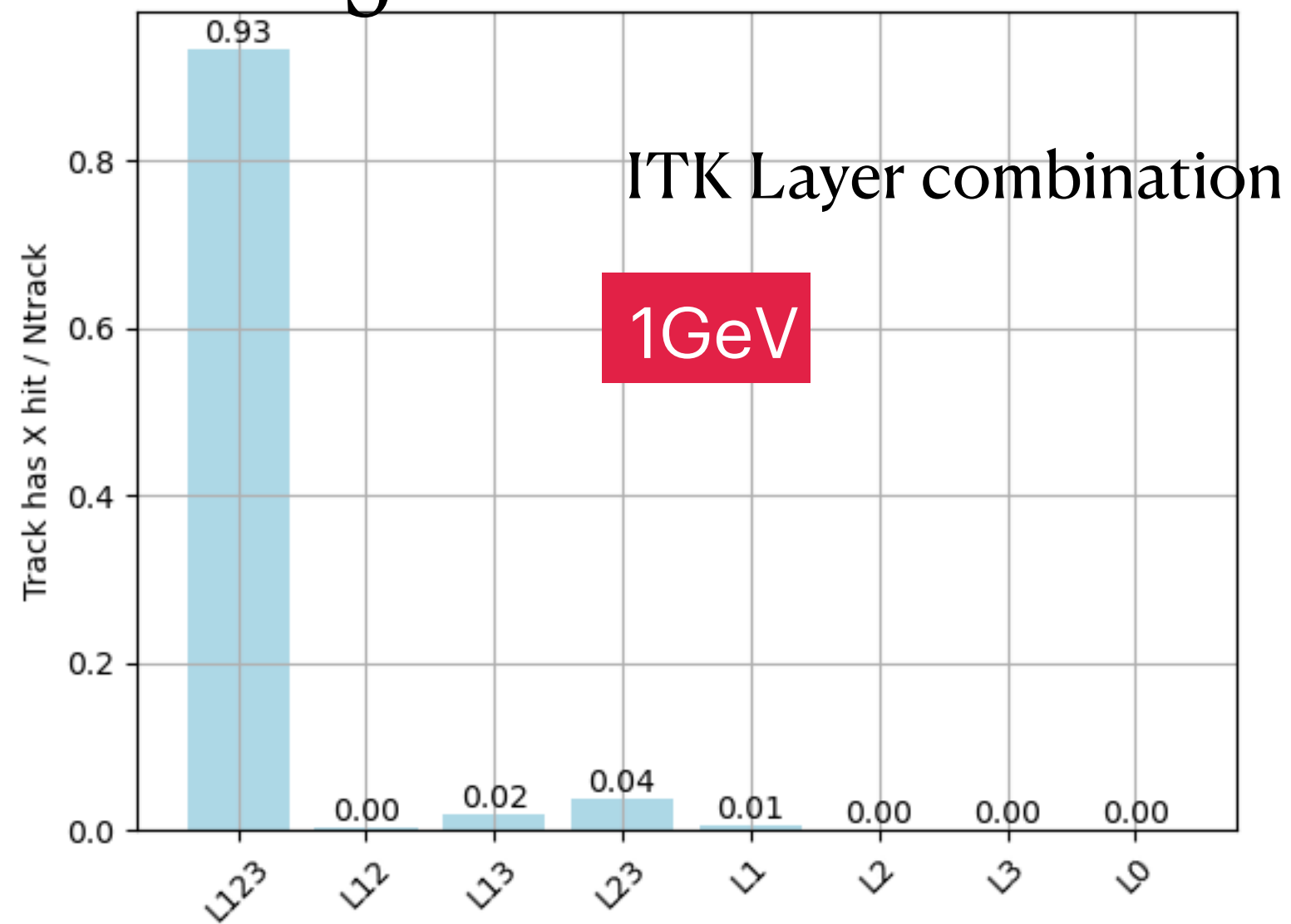


SW 25.1.2 +MR198

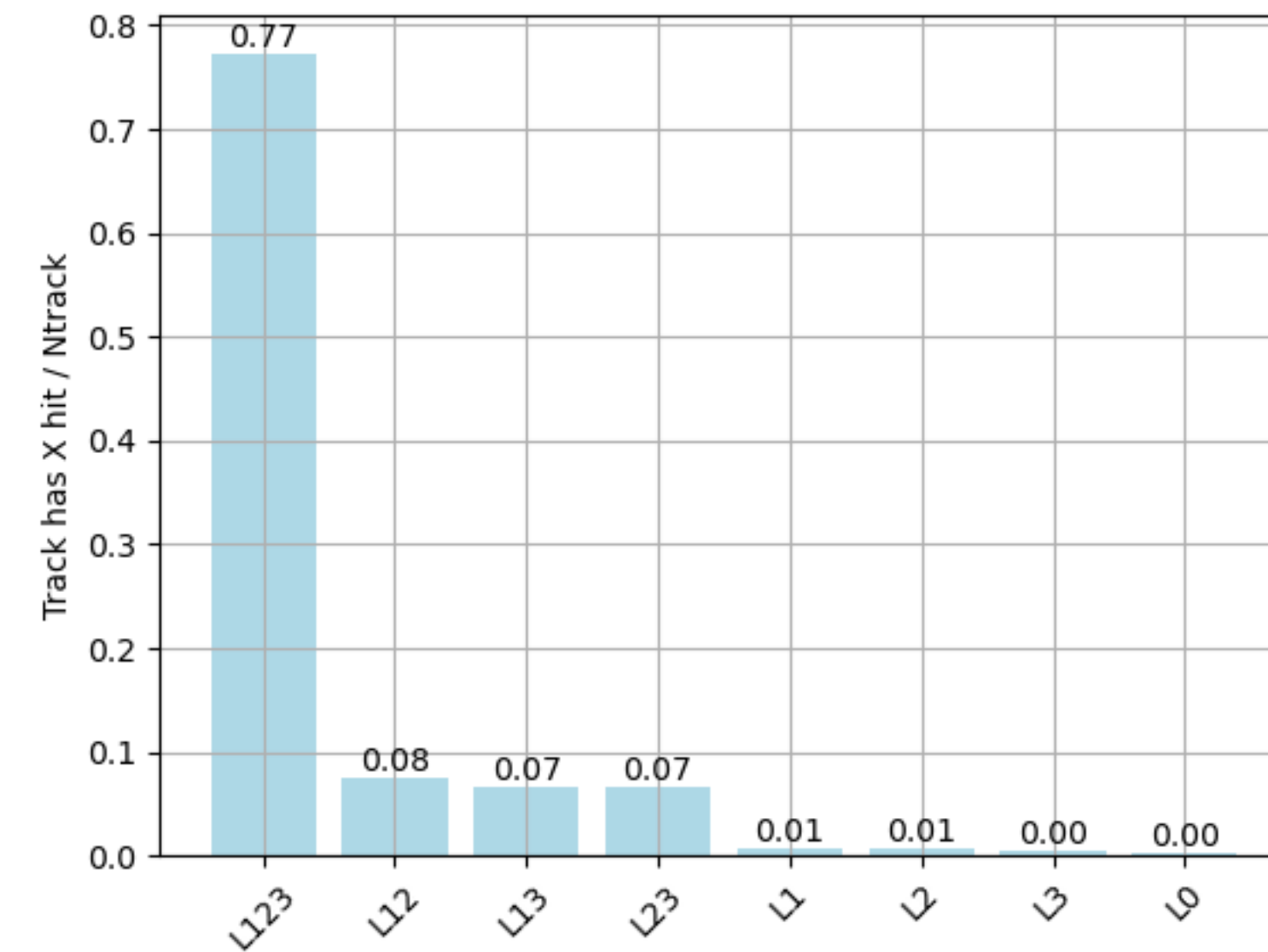
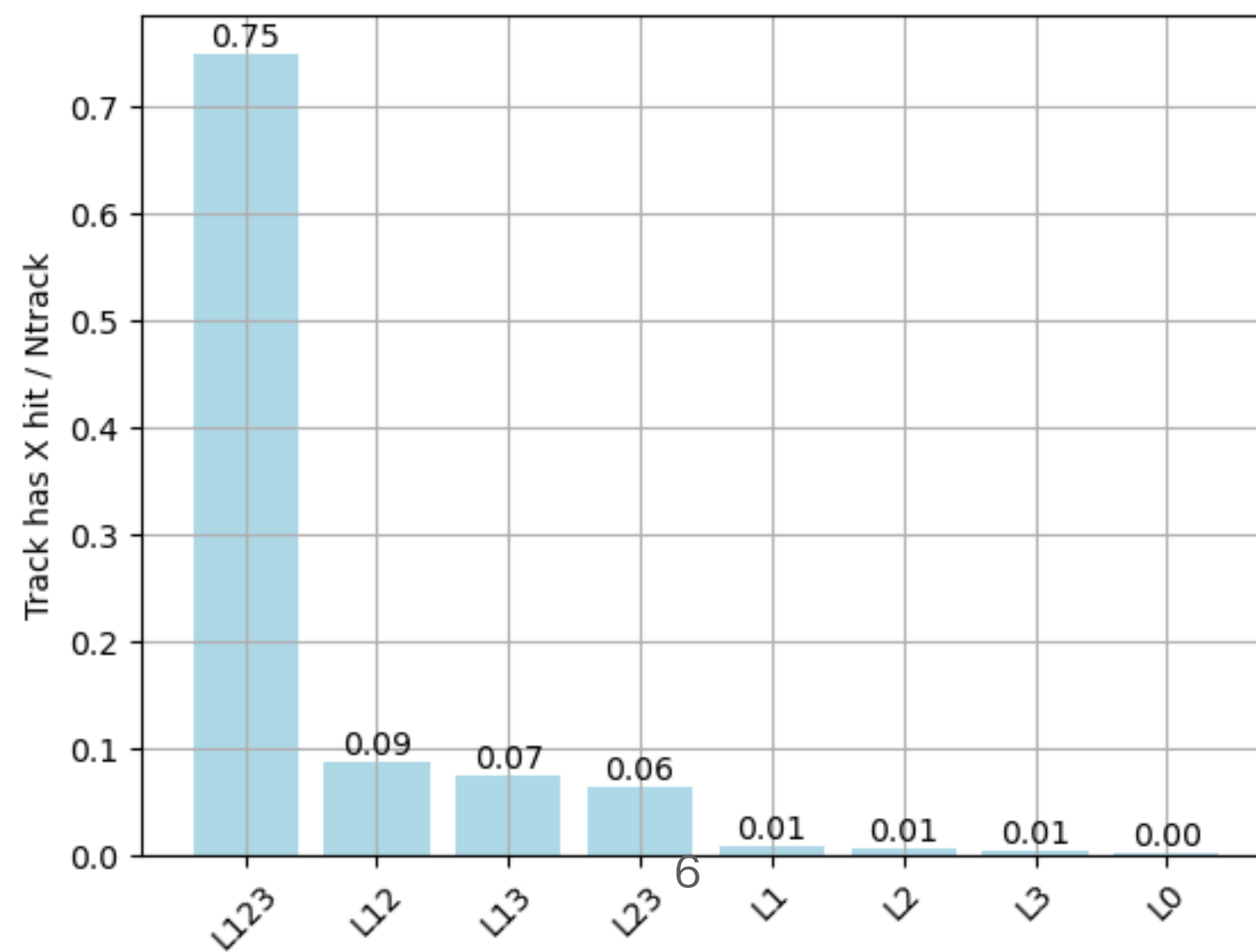
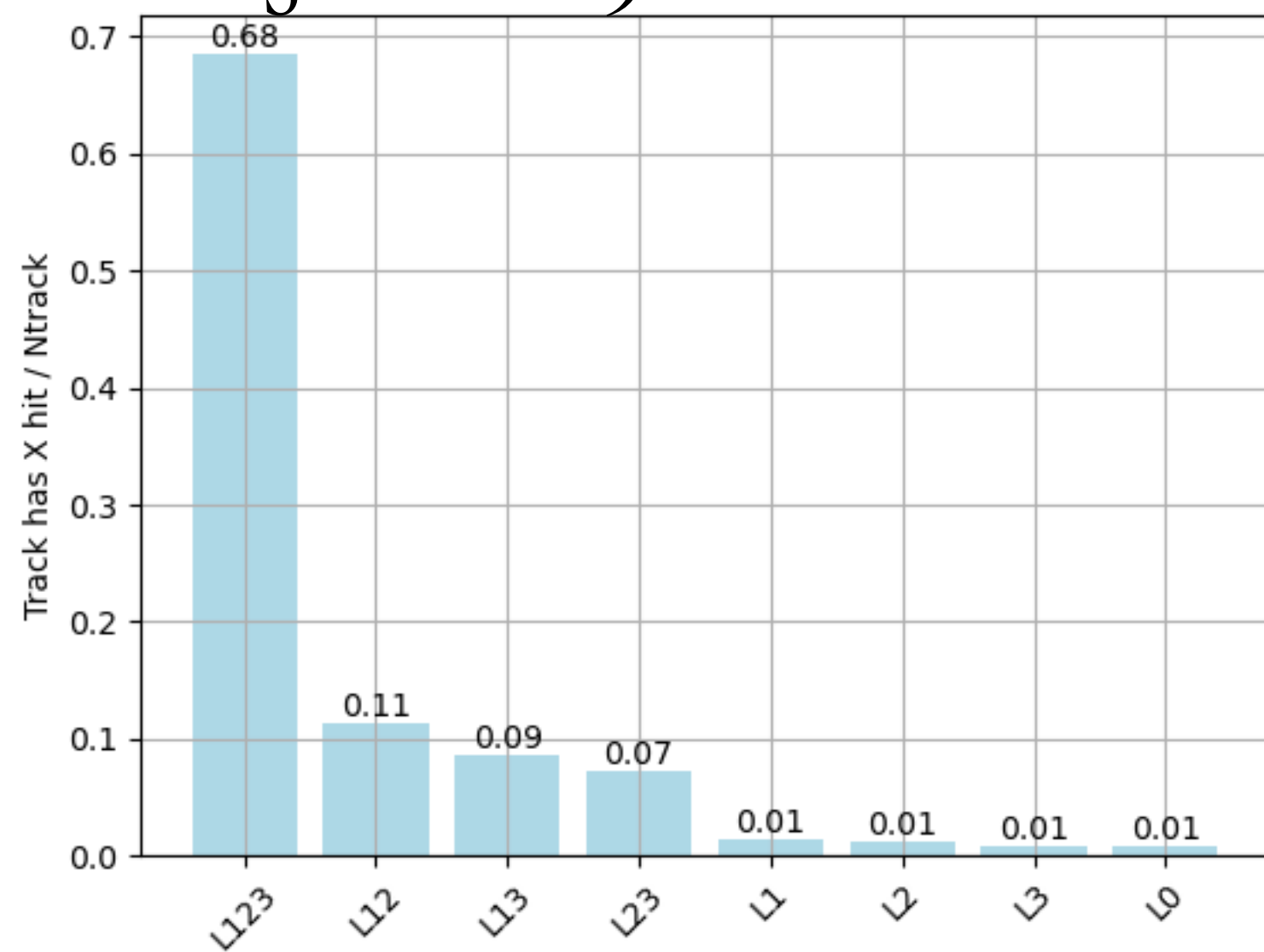


Silicon Tracking @ 2GeV, 85°

SW 25.1.2



SW 25.1.2 + MR198



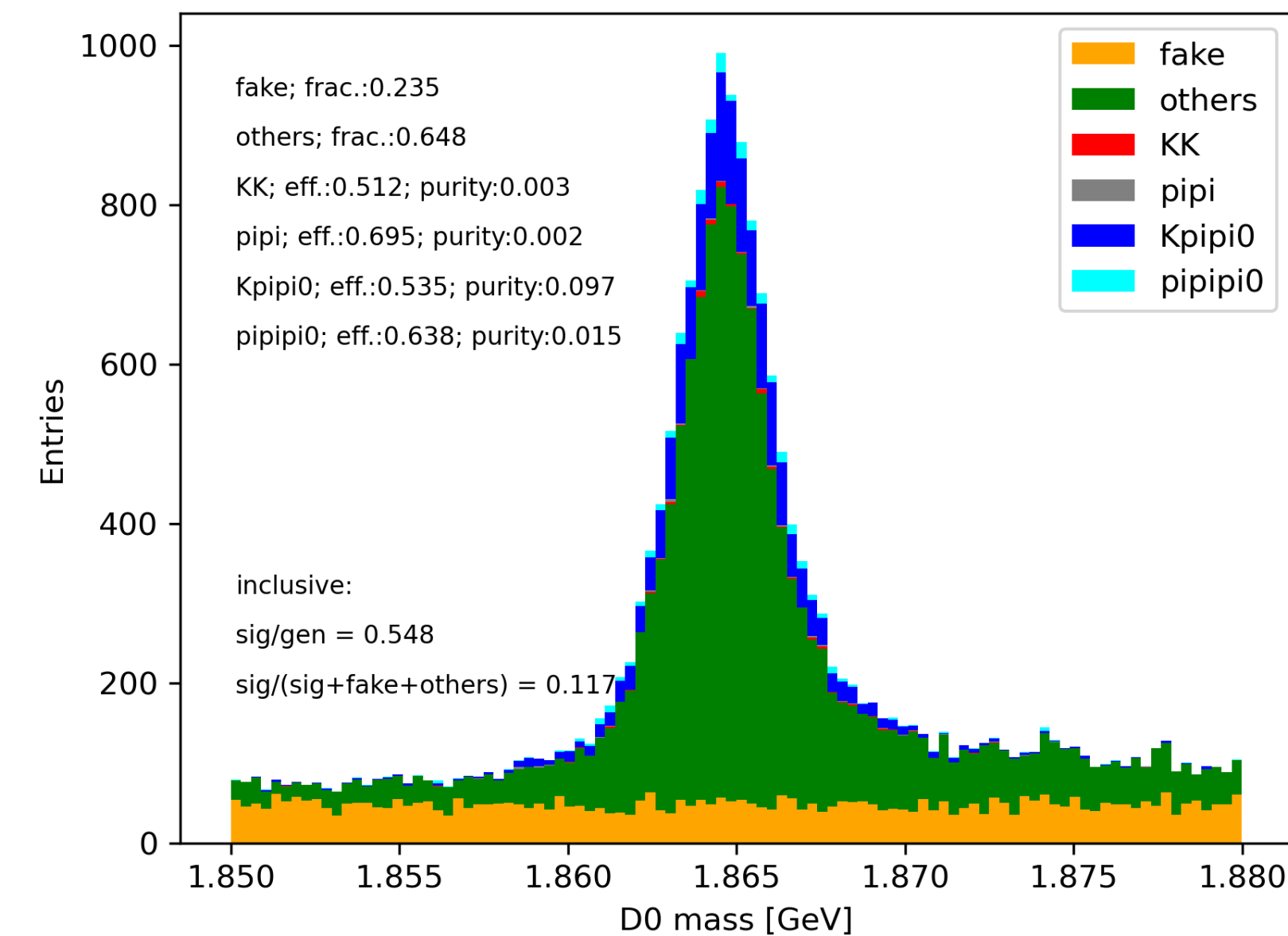
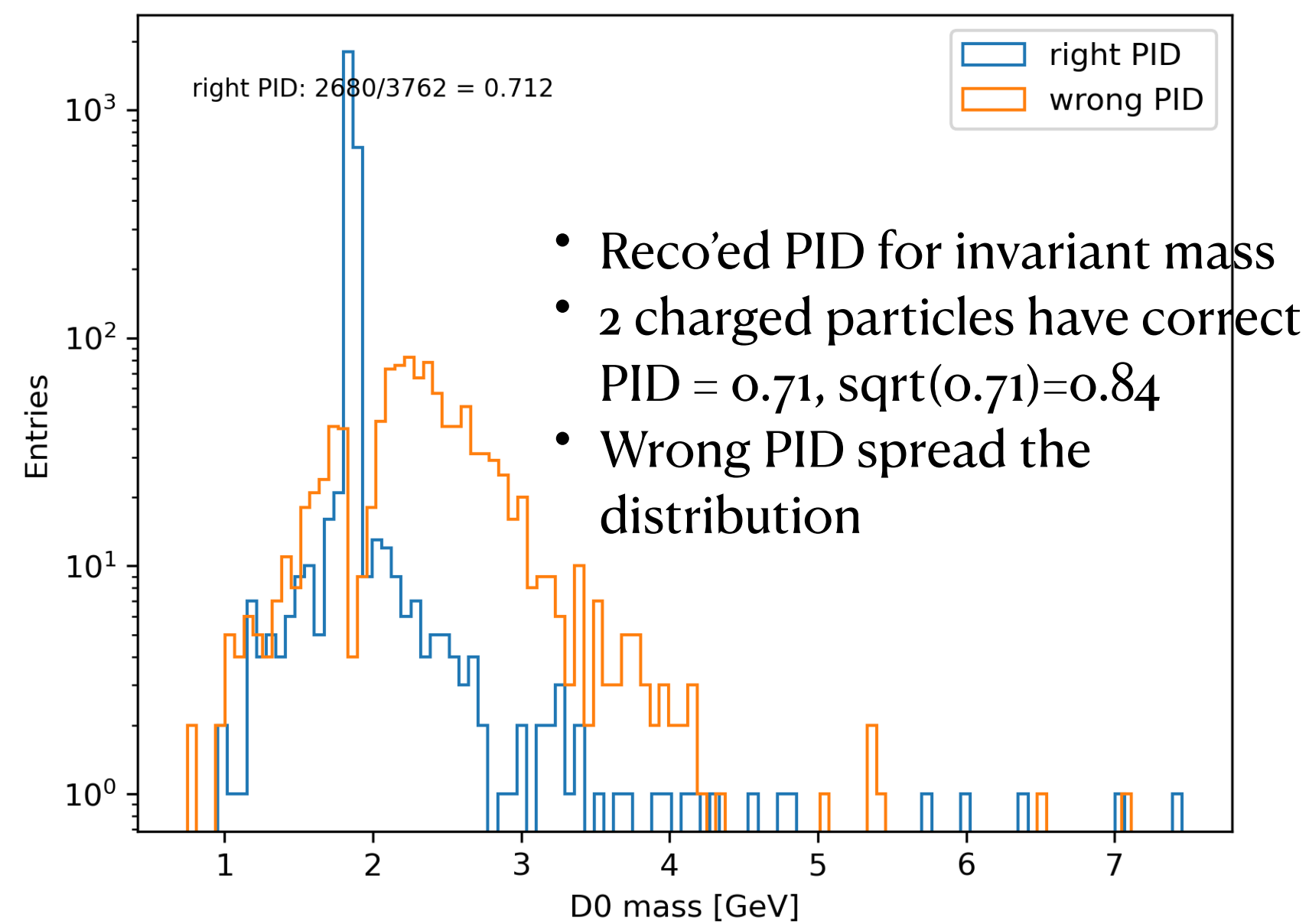
D_0 Reconstruction (eebb)

- Relevant processes, $D_0 \rightarrow KK, \pi\pi, \pi\pi\pi^0, K\pi\pi^0$

eebb	DO->KK	DO->pipi	DO->kpipi0	DO->pipipi0
25000	129	59	3687	480
Reco'ed	120	53	3179	410

	Global efficiency	SV algorithm efficiency	
Events with two tracks reconstructed	94 %		
Vertex reconstructed	87 %	93 %	7% tracks used by prim vtx

- After PV, enumerate all remaining track pairs
- Match rec-gen tracks using MC hits
- fake: the two gen tracks have different starting points
- others: the two gen tracks share the same starting point, but decay is not of interested (events with > 3 tracks can be reconstructed multiple times, also classified as "others")



D_0 Reconstruction (eebb)

