Trk, PID, Vtx

C.Zhang/10Feb2025





MR198







MR198

Trk (OTK hit eff.)











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PII)

- (itktof and tpc and tof track) 1-10GeV and 35/45/55/65/75/85/89 degree: ~ 89.5%
- (<u>itktof or tpc or tof track</u>) 1-10GeV and 35/45/55/65/75/85/89 degree: ~ 89.5%
- K PID efficiency/purity in ParticleGun and Z->qq using TPC and TOF

X.Ma, Ç.Zhang



SW 25.1.2 Primary vertex (E91_eebb events)



Primary vertex (E91_eebb events)

SW 25.1.2



Secondary vertex (E91_eebb events) SW 25.1.2

- There is not a common way to define secondary vertex efficiency/purity for inclusive reconstruction
 - 2D distance between rec and truth < 200 um





FCC-ee to Ф erence Cross ref



sw 25.1.2 Secondary vertex (E91_eebb events)



Cross reference to FCC-ee





- 10-16 um
- Z is slightly better
- Todo
 - Performance in exclusive decay