

- Two outputs available for single particle productions (juggler and eicrecon)
- Files can be found on S3 (eicetest / EPIC / RECO / 22.10.0)  
→ <https://dtn01.sdcc.bnl.gov:9001/buckets/eicetest> via eicS3read (user+pw)
- Some issues observed:
  - ▶ **Missing fraction of MPGD hits** due to ddsim minimum energy cut of 1keV on all detectors  
→ no fix available yet
  - ▶ **Nearly no tracks available in eicrecon output** (e.g. 350 tracks in 150k events)  
→ juggler output unaffected (see plots)  
→ tracking factory failed due to SurfaceErrors in ACTS and was then excluded from further event processing  
→ Problem described e.g. in [EICrecon #306](#)  
→ **Fix available now and merged, see [EICrecon #326](#)**
  - ▶ **Missing ReconstructedParticles branch in DIS outputs** (22.11 campaign)  
→ to be fixed after SimQA meeting today

**Single particle eicrecon outputs not usable for tracking studies at the moment. Use juggler output until new eicrecon outputs are available.**

