



Universität
Münster

TRD Day 1 Dielectron Performance

Adrian Meyer-Ahrens

wissen.leben



Input

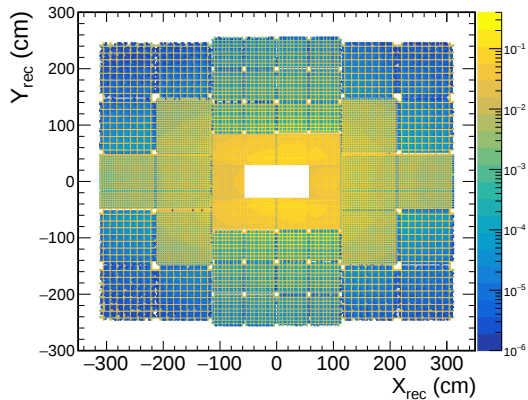
Au+Au 12A GeV + LMVM embedded with Pluto

Full Setup: ~ 2 Mio Events

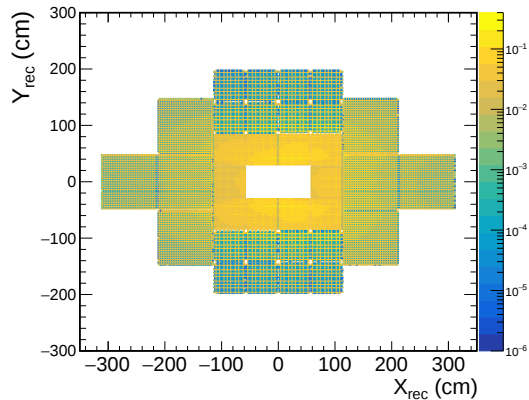
Day 1 Setup: $\sim 500k$ Events

Hits

Full Setup

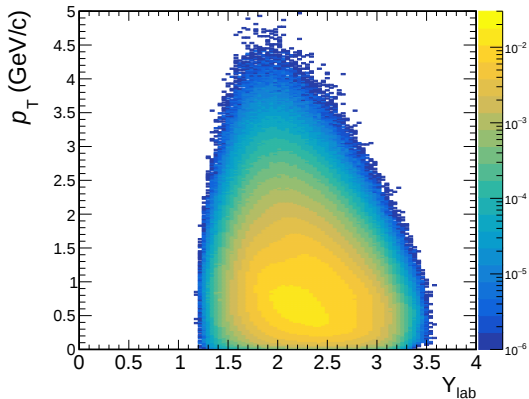


Day 1 Setup

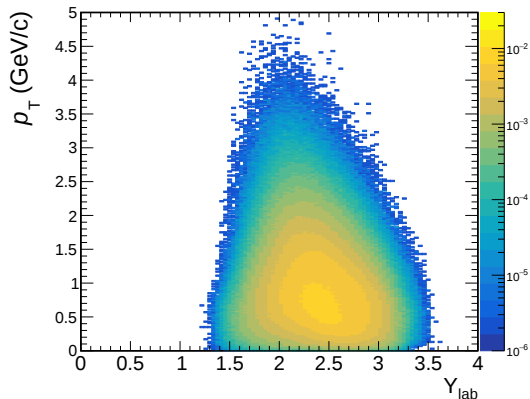


Phase space

Full Setup



Day 1 Setup

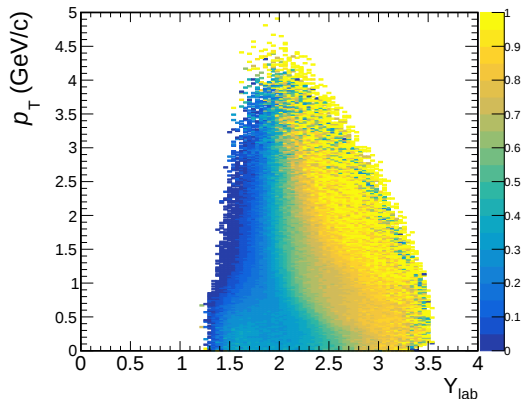


Phase space ratio

Cuts:

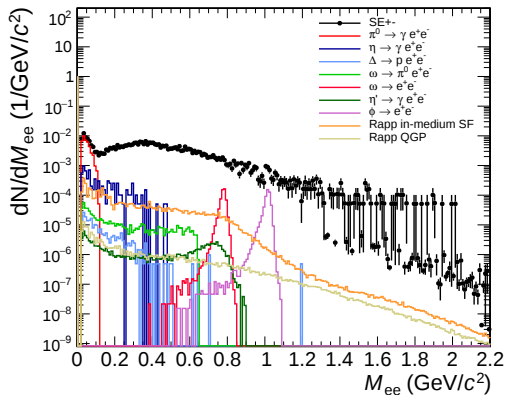
- MVDHits > 2
- STSHits > 2
- RICHHits > 5
- TRDHits > 2
- TOFHits > 0

Ratio: Day 1 / Full Setup



Spectra (after PID Cuts)

Full Setup



Day 1 Setup

