

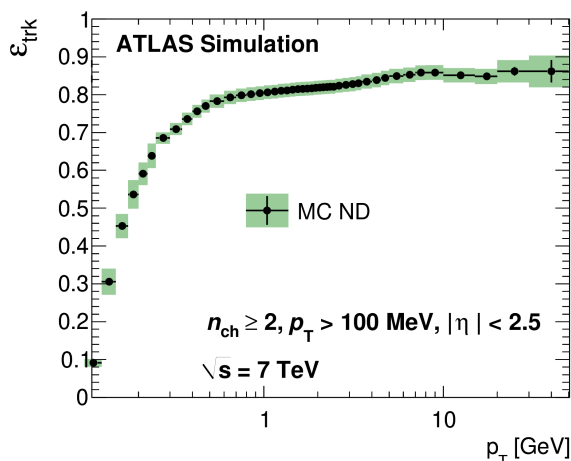
Public Results

- Current results on charged particle spectra, soft diffraction, underlying event, energy flow, identified particle spectra, charged particle correlations, event shapes.

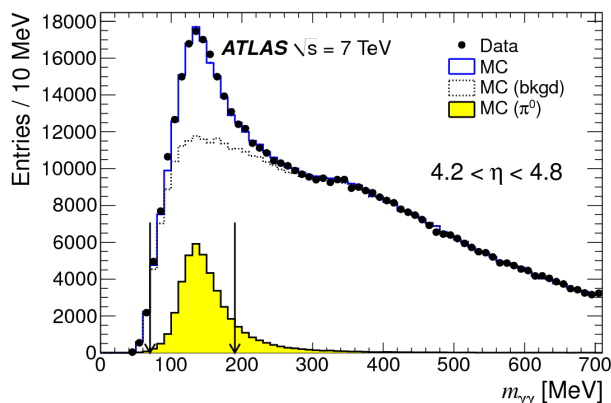
Papers - Notes

Detector Response

- Tracking within $|\eta| < 2.5$, $p_T > 100$ MeV where the reconstruction efficiency is low, but well understood.
- Particle identification by dE/dx for $p < 800$ MeV



- EM and Hadronic Calorimetry within $|\eta| < 4.9$, single-particle deposits reconstructible up to 4.8
- Sensitivity to charged particles with $p > 500$ MeV, neutrals with $p > 200$ MeV



Triggers & Forward Detectors

- Minimum Bias Trigger Scintillators: 16 counters per side (32 in all), $2.1 < |\eta| < 3.8$. Light yield degraded due to radiation, may be replaced at lower counter-granularity for 2016.
- LUCID...
- ZDC. ATLAS ZDC may not be available for ~ 13 TeV pp running. A ZDC capable of operating at high luminosity looks very unlikely.

This topic: LPCCForwardPhysics > AtlasDetector

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