

Benchmark Tutorial Plots

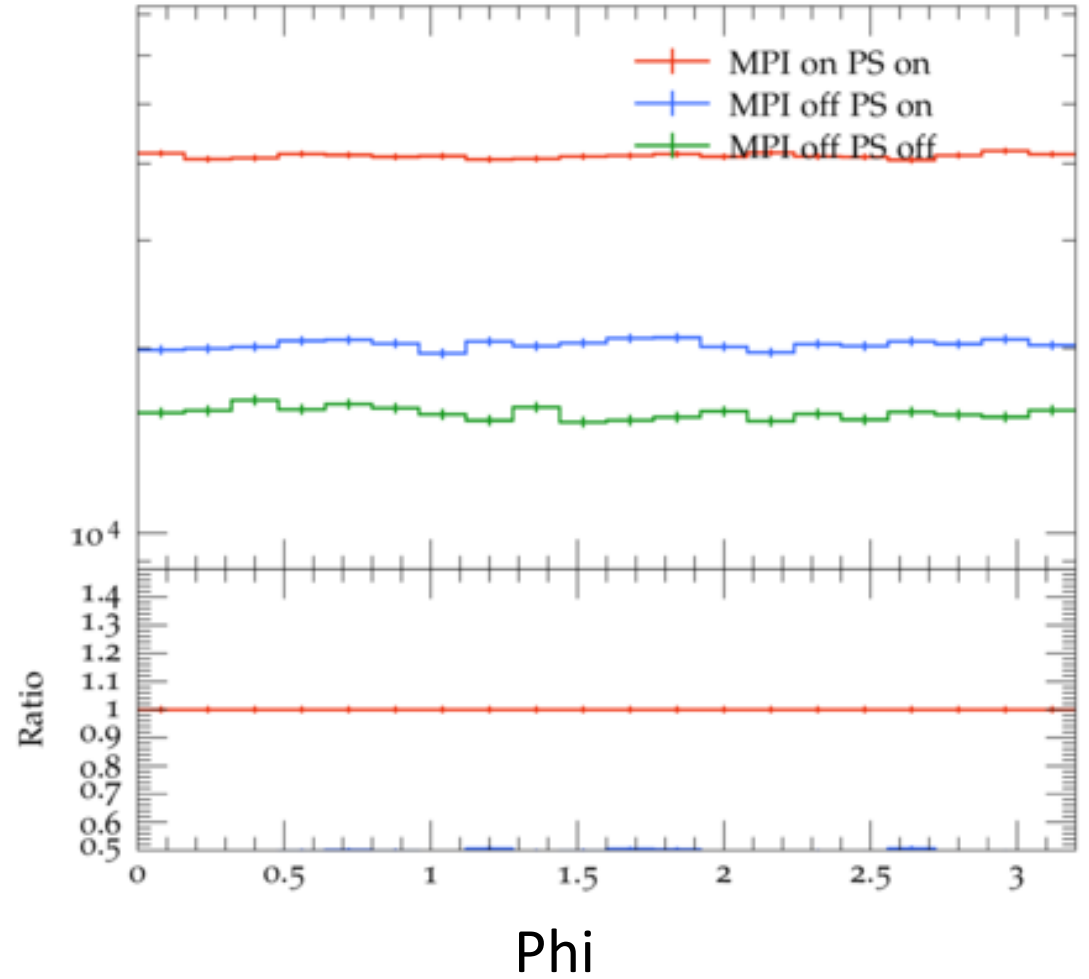
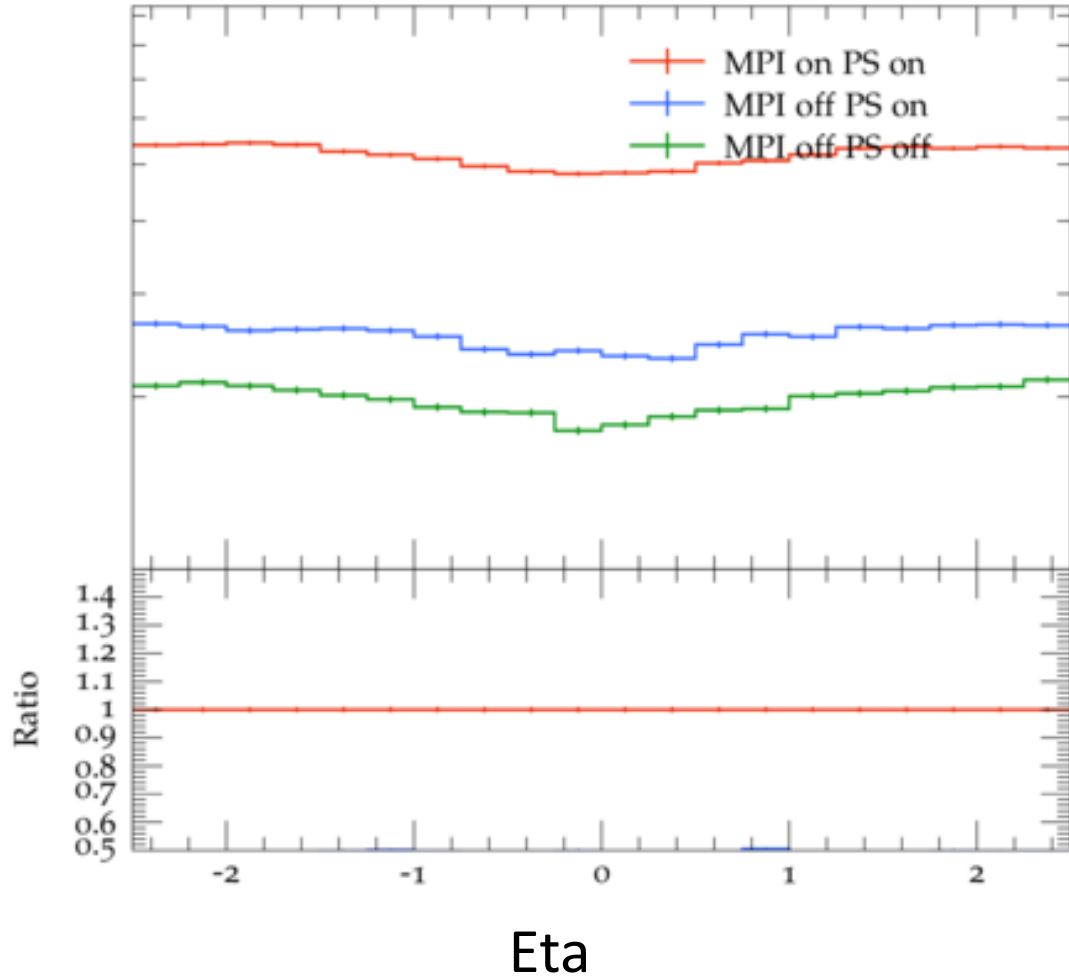
ALEC DROBAC
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13 JULY 2020

Overview

- Comparisons I made:
 1. Turning MPI and PS on/off
 2. Tune (pp)
 3. PS model
- Rivet routine
 - Plot eta, phi, pT of charged particles
 - Only cut is $|\eta| < 2.5$

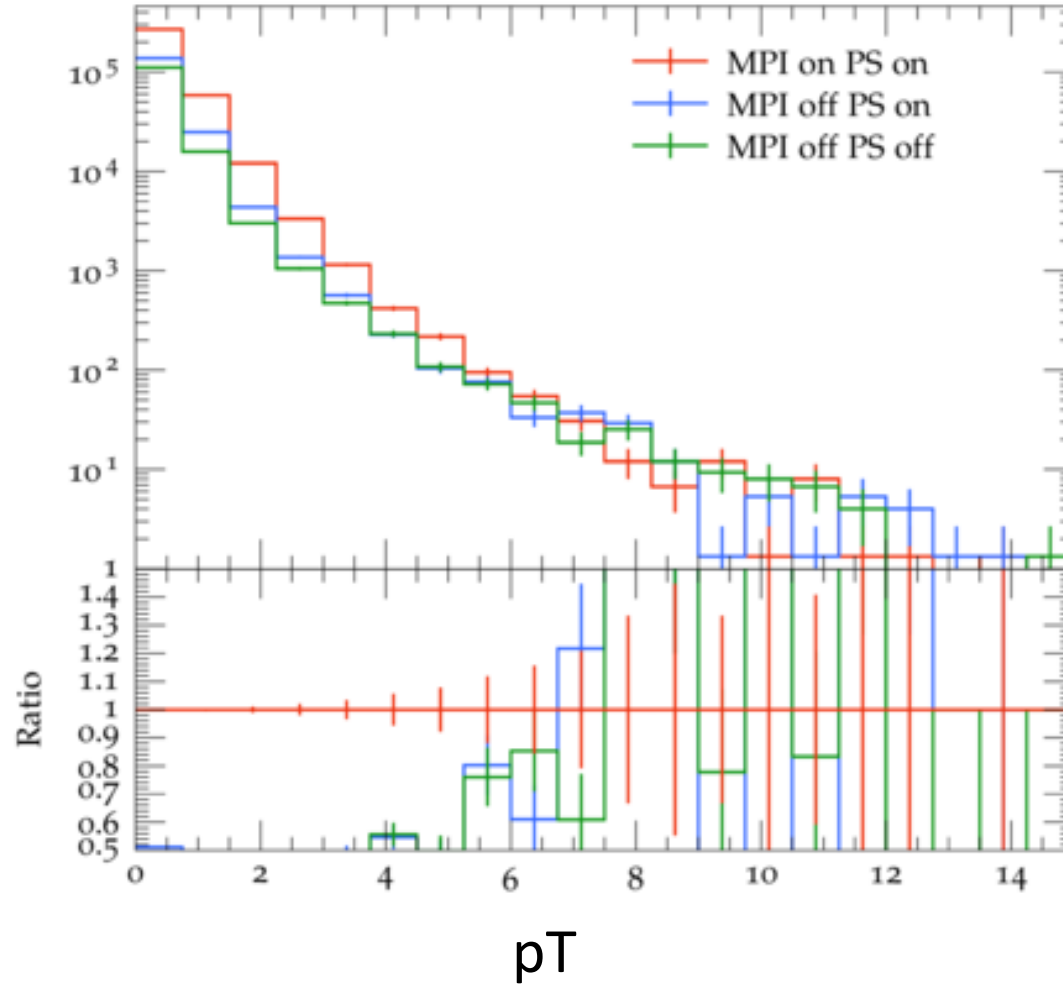
MPI & PS Comparison

8TeV, SoftQCD, Tune14



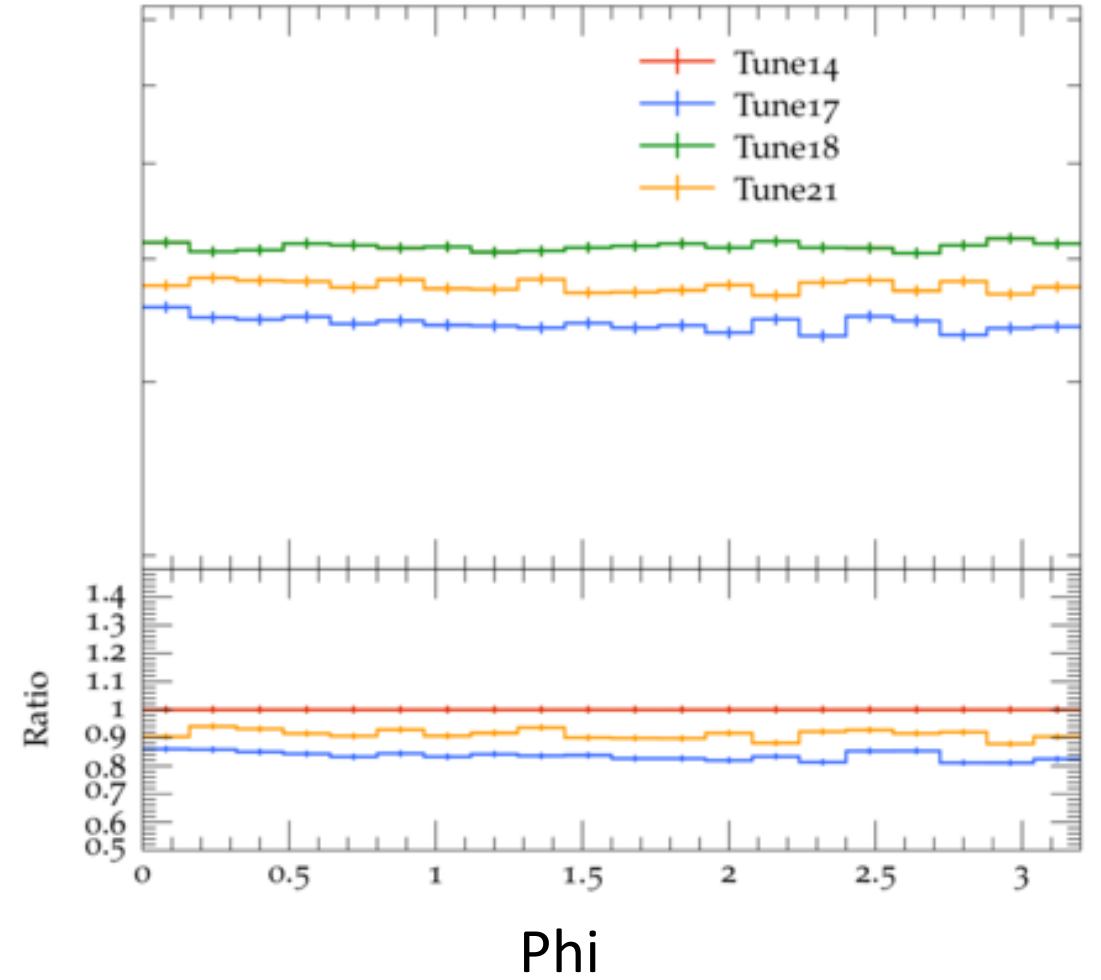
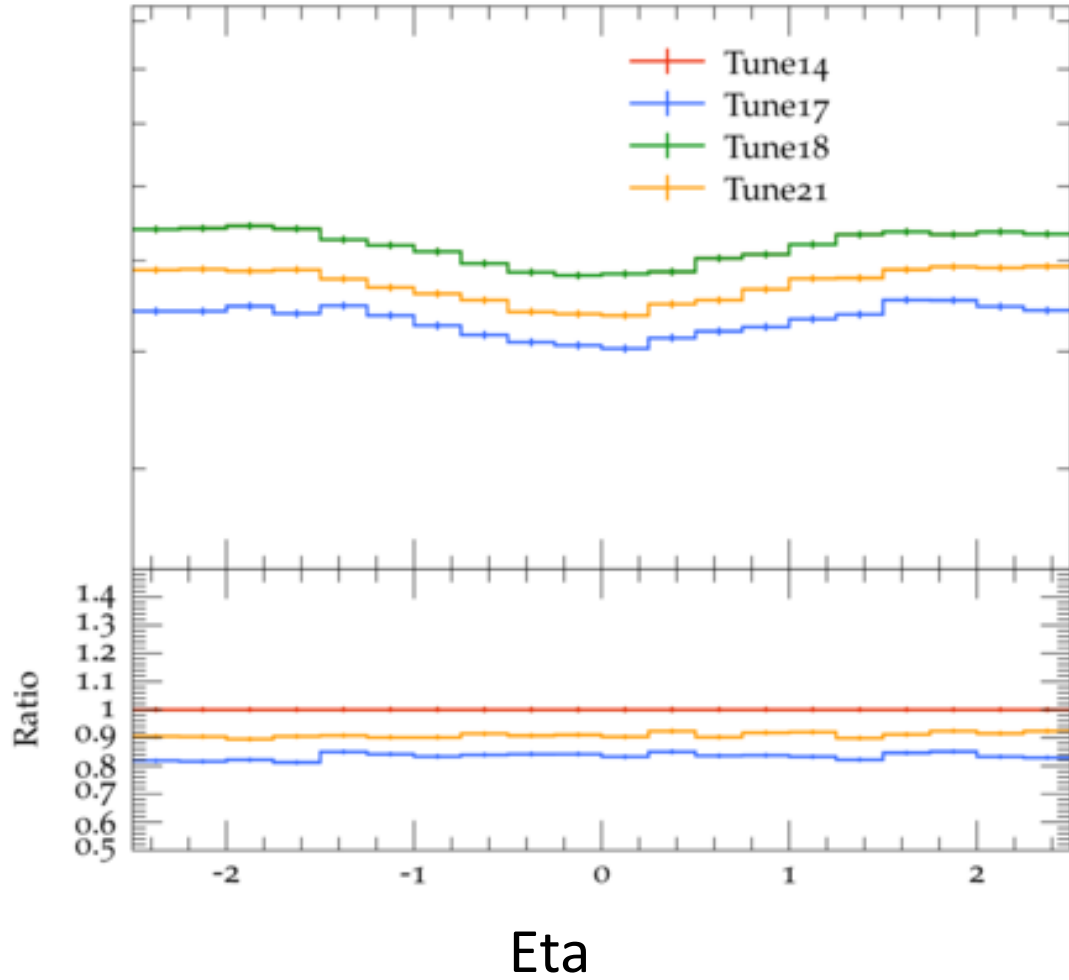
MPI & PS Comparison

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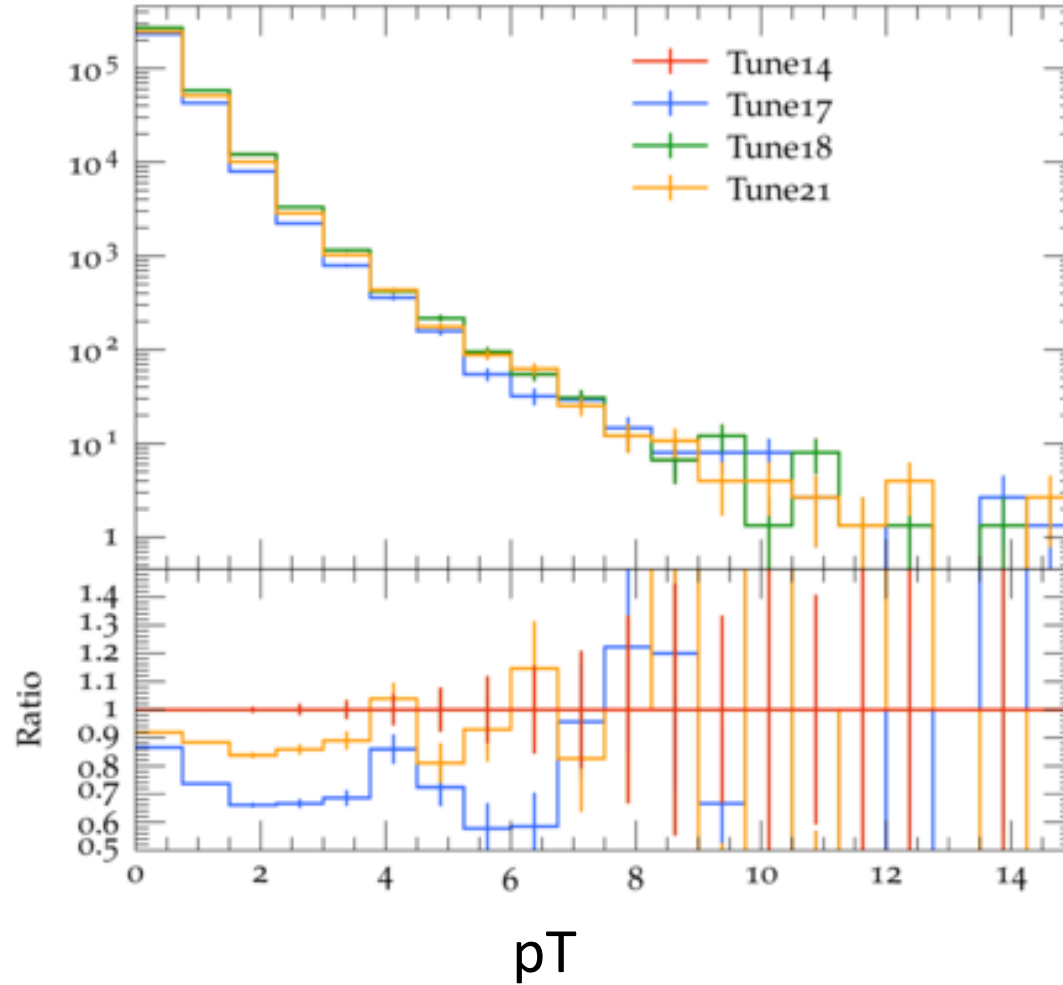
Tune Comparison

8TeV, **SoftQCD**, MPI and PS on



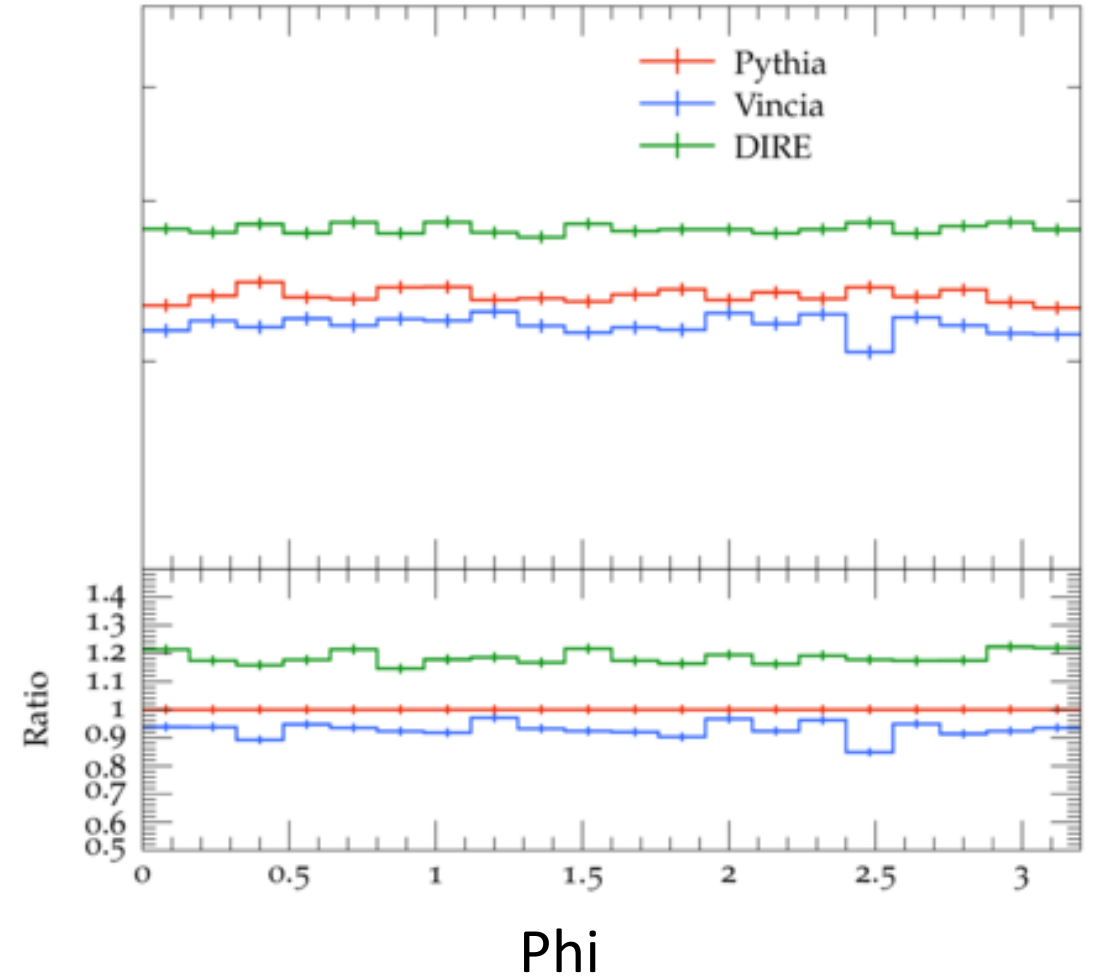
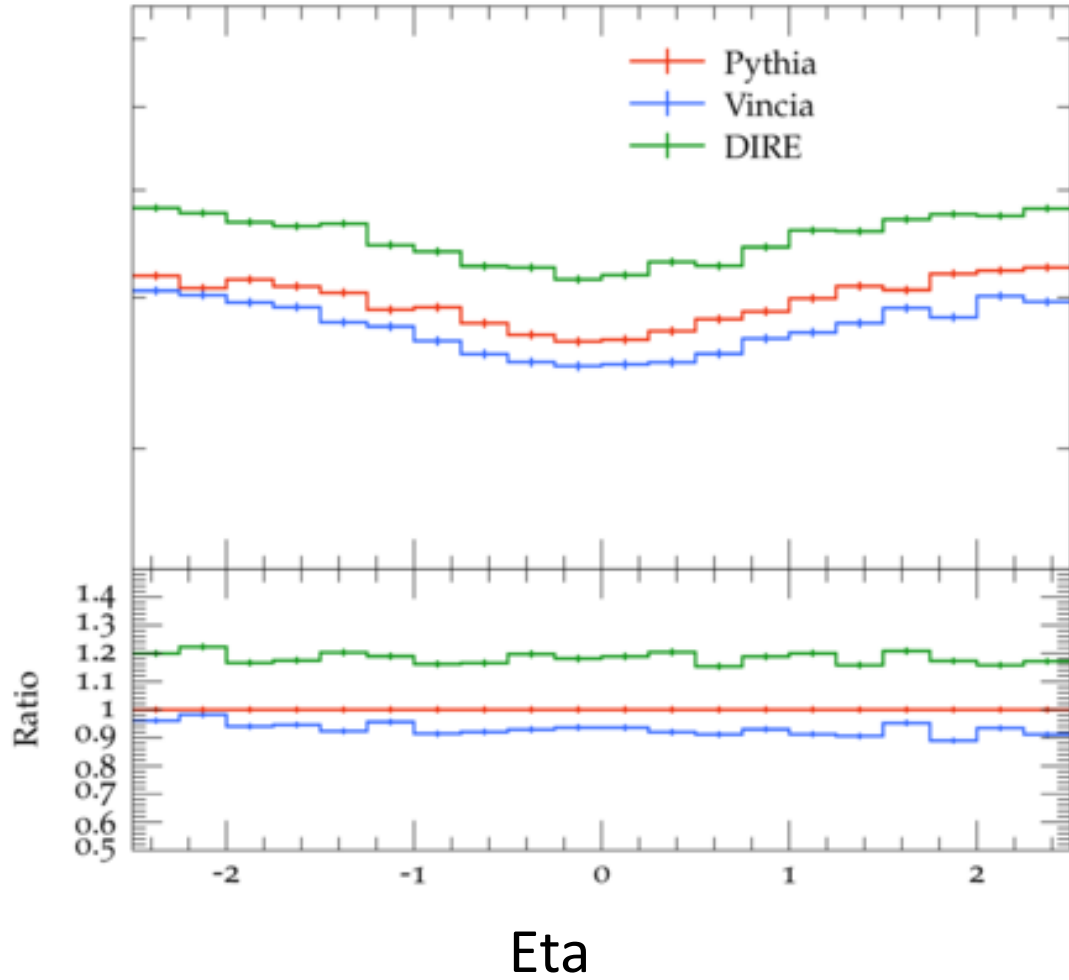
Tune Comparison

8TeV, **SoftQCD**, MPI and PS on



PS Model Comparison

8TeV, HardQCD, Tune14, MPI and PS on



PS Model Comparison

8TeV, HardQCD, Tune14, MPI and PS on

