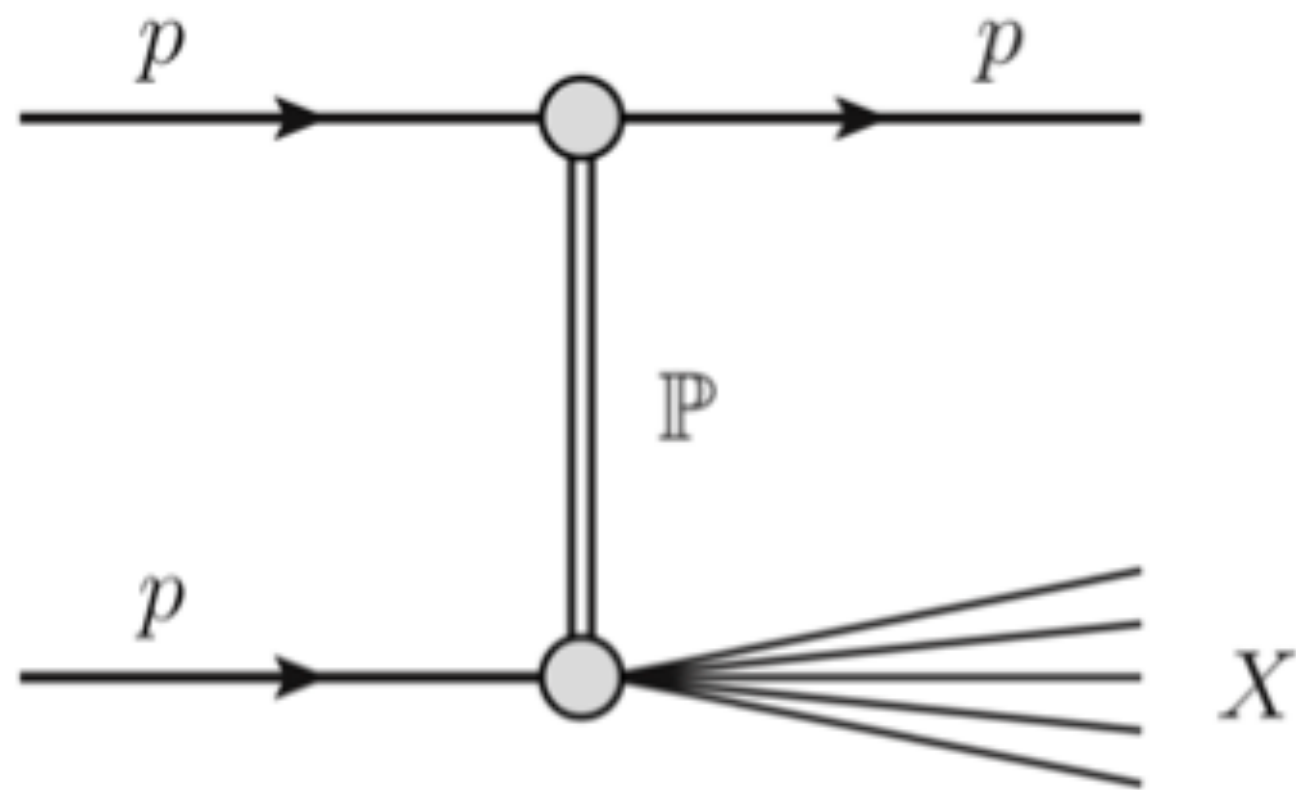


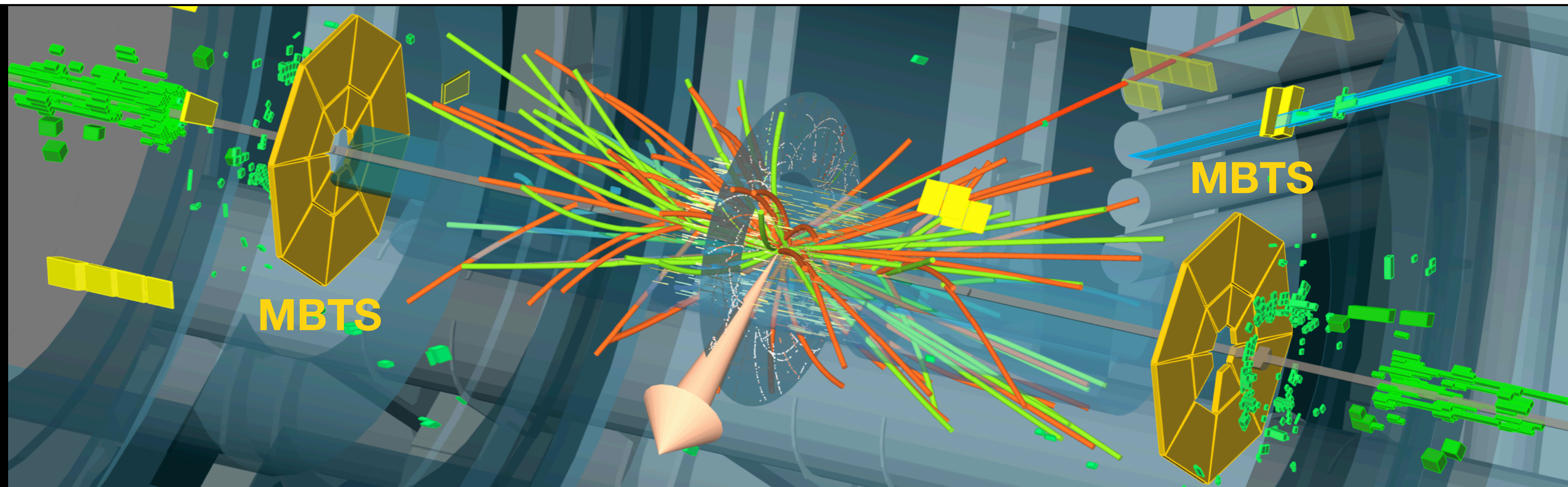
# Run 3 Minbias

Use low pile-up run, trigger on MBTS, measure track distributions



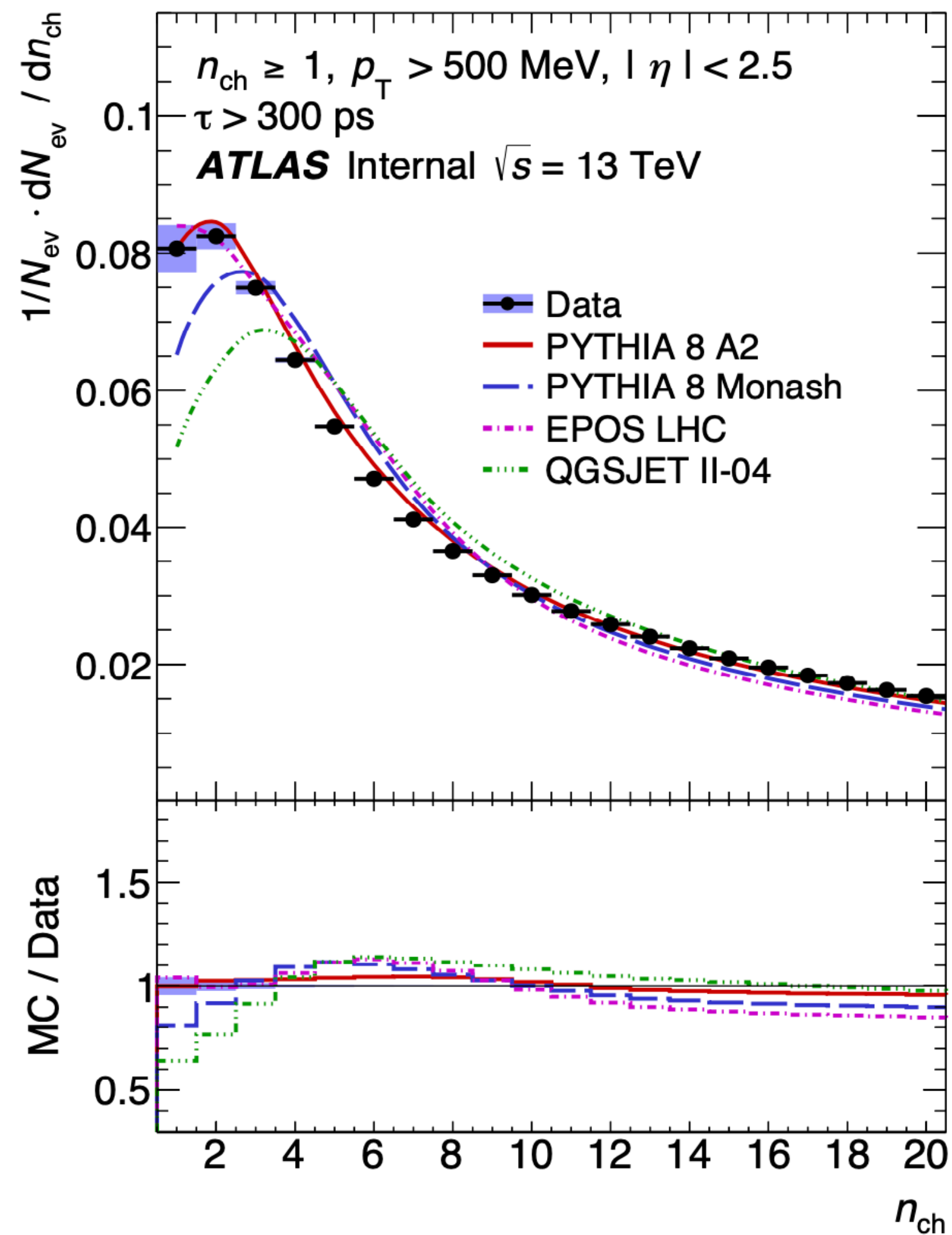
Example of minimum bias process: Single diffraction

<https://indico.cern.ch/event/1467719>

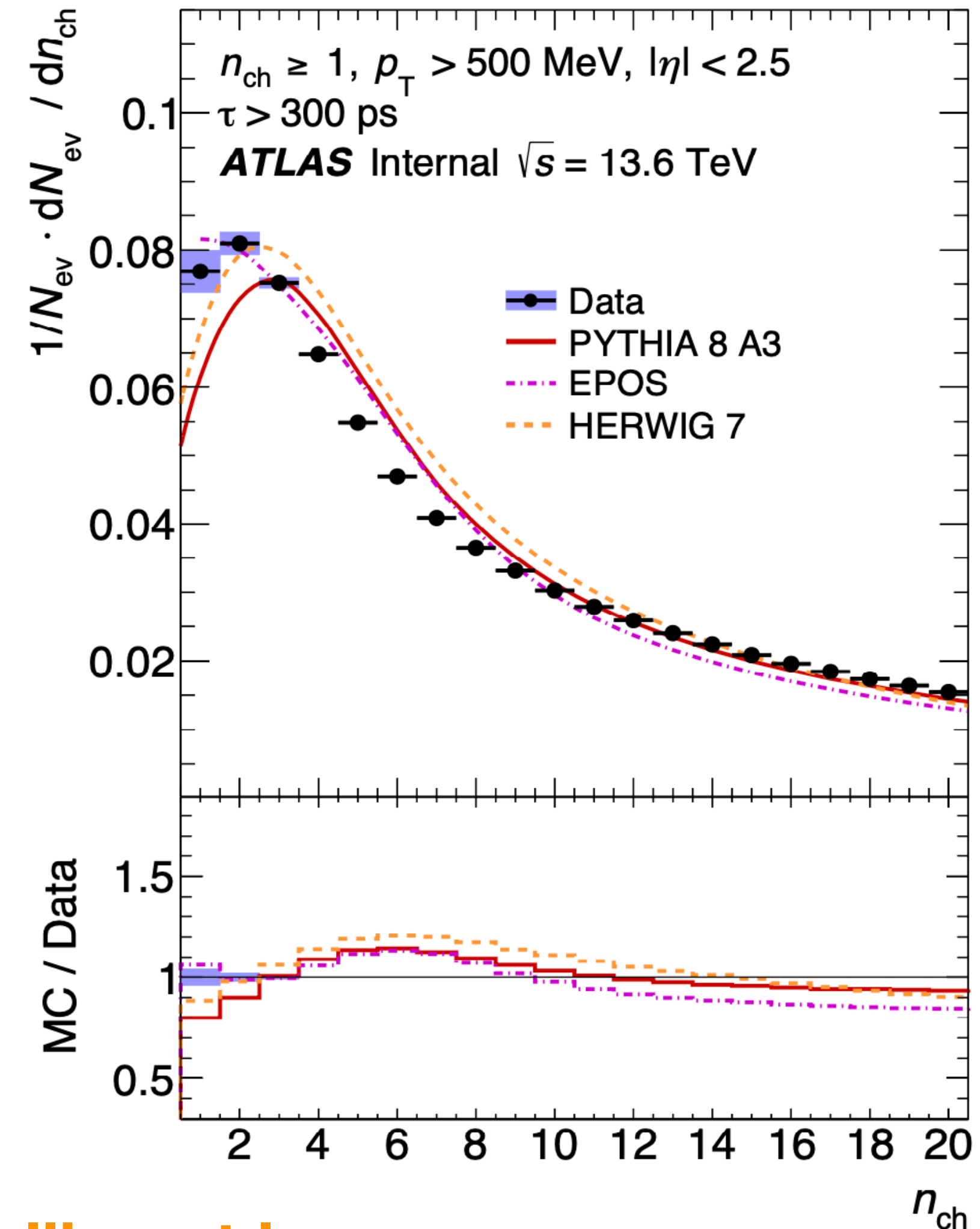


# Number of charged particles

Run 2



Run 3



Pythia 8 A3 mis-modelling at low  $n_{\text{ch}}$

→ Follow up if low  $n_{\text{ch}}$  was included in Pythia 8 A3 tuning or not?