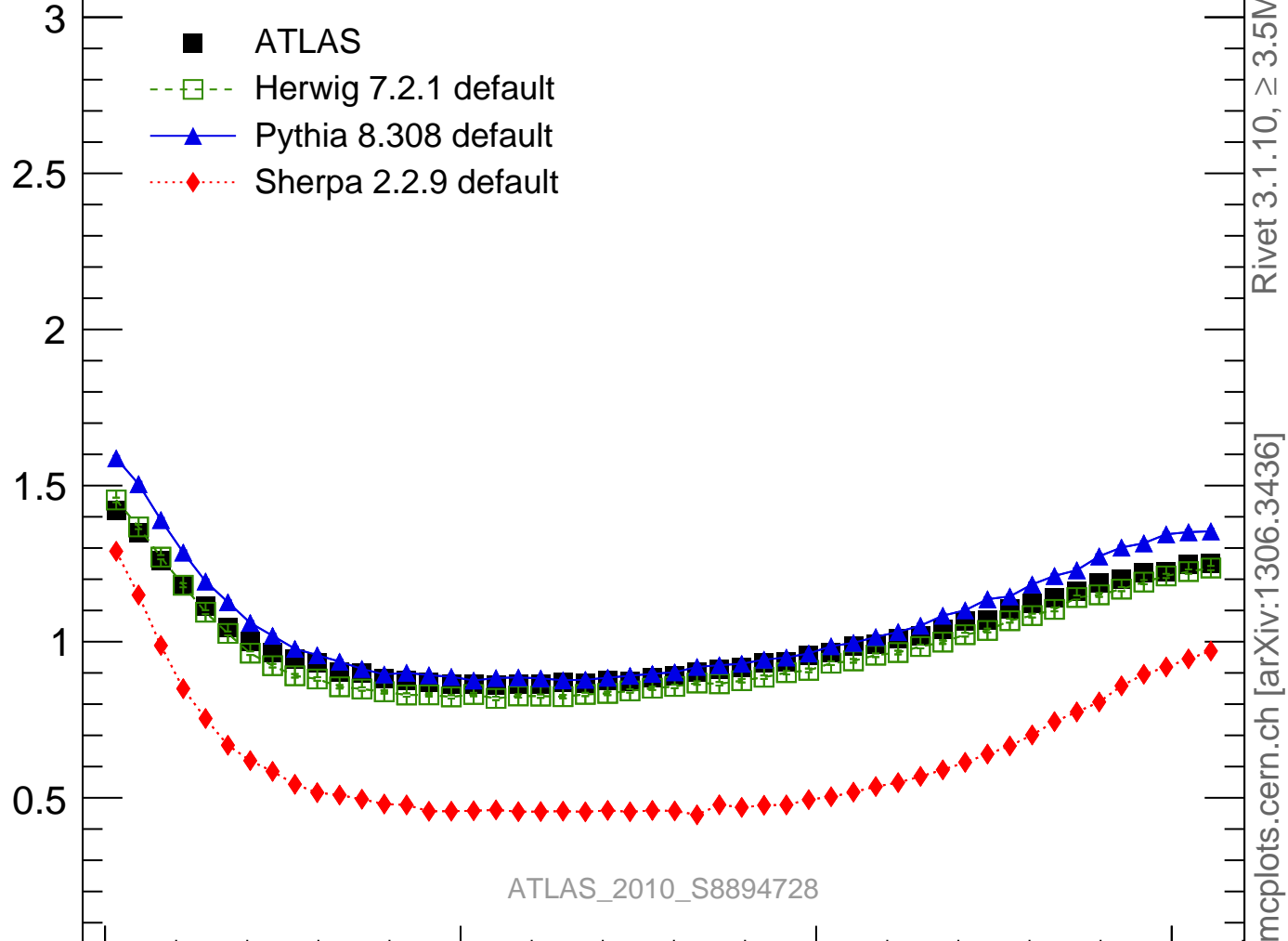
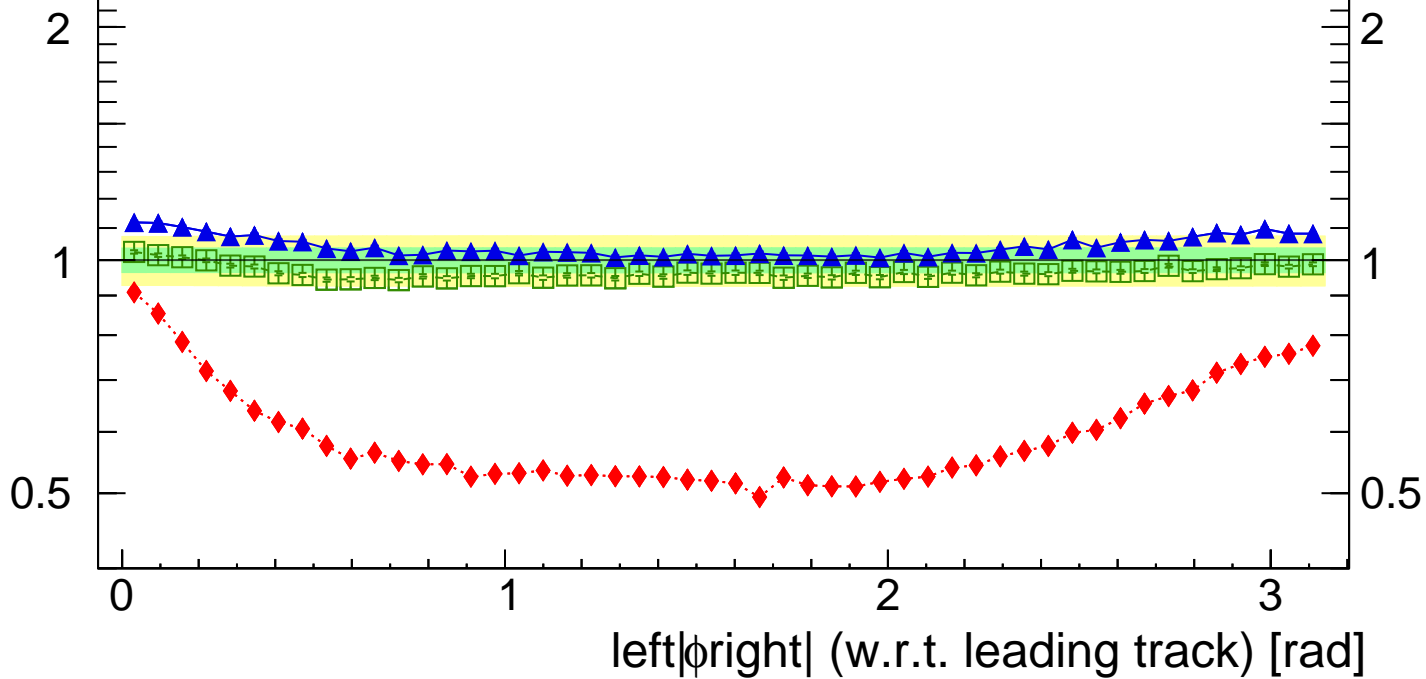


$\langle N_{\text{ch}} \rangle$  vs  $\phi^{\text{lead}}$  ( $|\eta| < 2.5$ ,  $p_{\text{T}} > 0.5$  GeV,  $p_{\text{T}1} > 5$  GeV)

- ATLAS
- - □ - - Herwig 7.2.1 default
- - ▲ - - Pythia 8.308 default
- - ◆ - - Sherpa 2.2.9 default



Ratio to ATLAS


 $|\phi|$  (w.r.t. leading track) [rad]