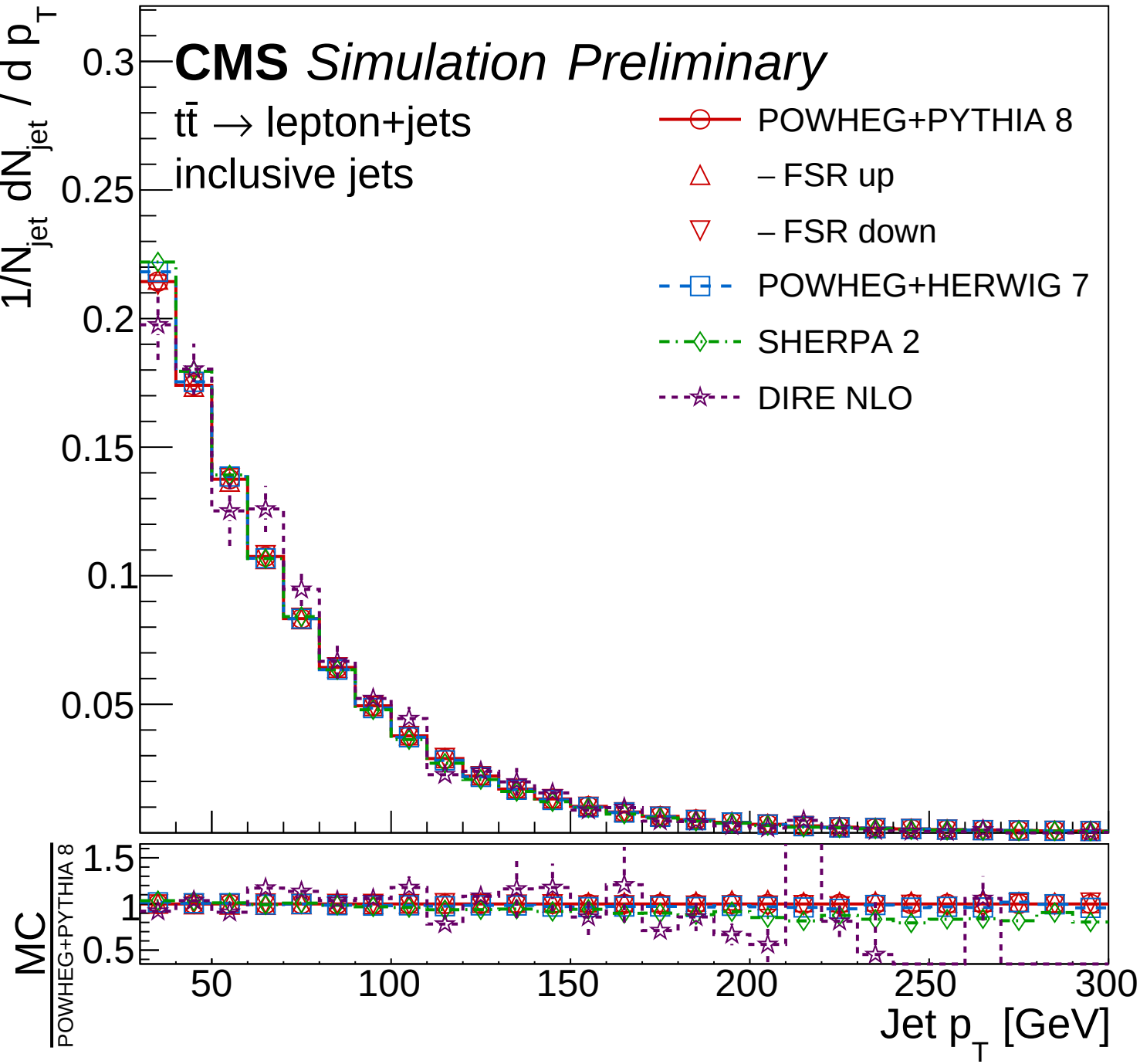
CMS Simulation Preliminary
$t\bar{t} \rightarrow$ lepton+jets
inclusive jets
POWHEG+PYTHIA 8
– FSR up
– FSR down
POWHEG+HERWIG 7
SHERPA 2
DIRE NLO
$1/N_{jet}\, dN_{jet} / d\, p_T$
0.3
0.25
0.2
0.15
0.1
0.05
MC / POWHEG+PYTHIA 8
1.5
1
0.5
50
100
150
200
250
300
Jet p_T [GeV]