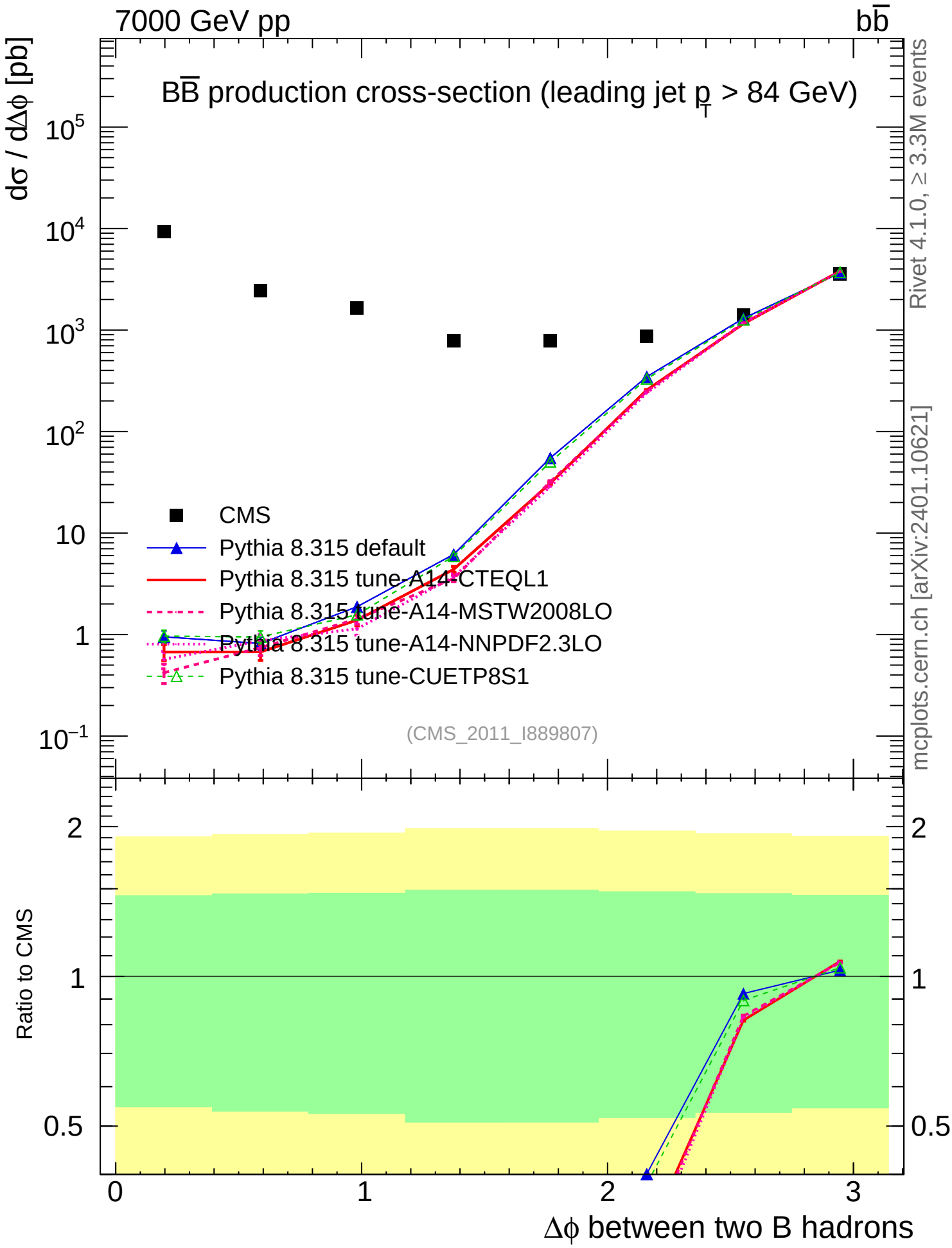
7000 GeV pp
$b\bar{b}$
$B\bar{B}$ production cross-section (leading jet p_T > 84 GeV)
$d\sigma / d\Delta\phi$ [pb]
10^5
10^4
10^3
10^2
10
1
10^{-1}
CMS
Pythia 8.315 default
Pythia 8.315 tune-A14-CTEQL1
Pythia 8.315 tune-A14-MSTW2008LO
Pythia 8.315 tune-A14-NNPDF2.3LO
Pythia 8.315 tune-CUETP8S1
(CMS_2011_I889807)
Rivet 4.1.0, ≥ 3.3M events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to CMS
2
1
0.5
0
1
2
3
$\Delta\phi$ between two B hadrons