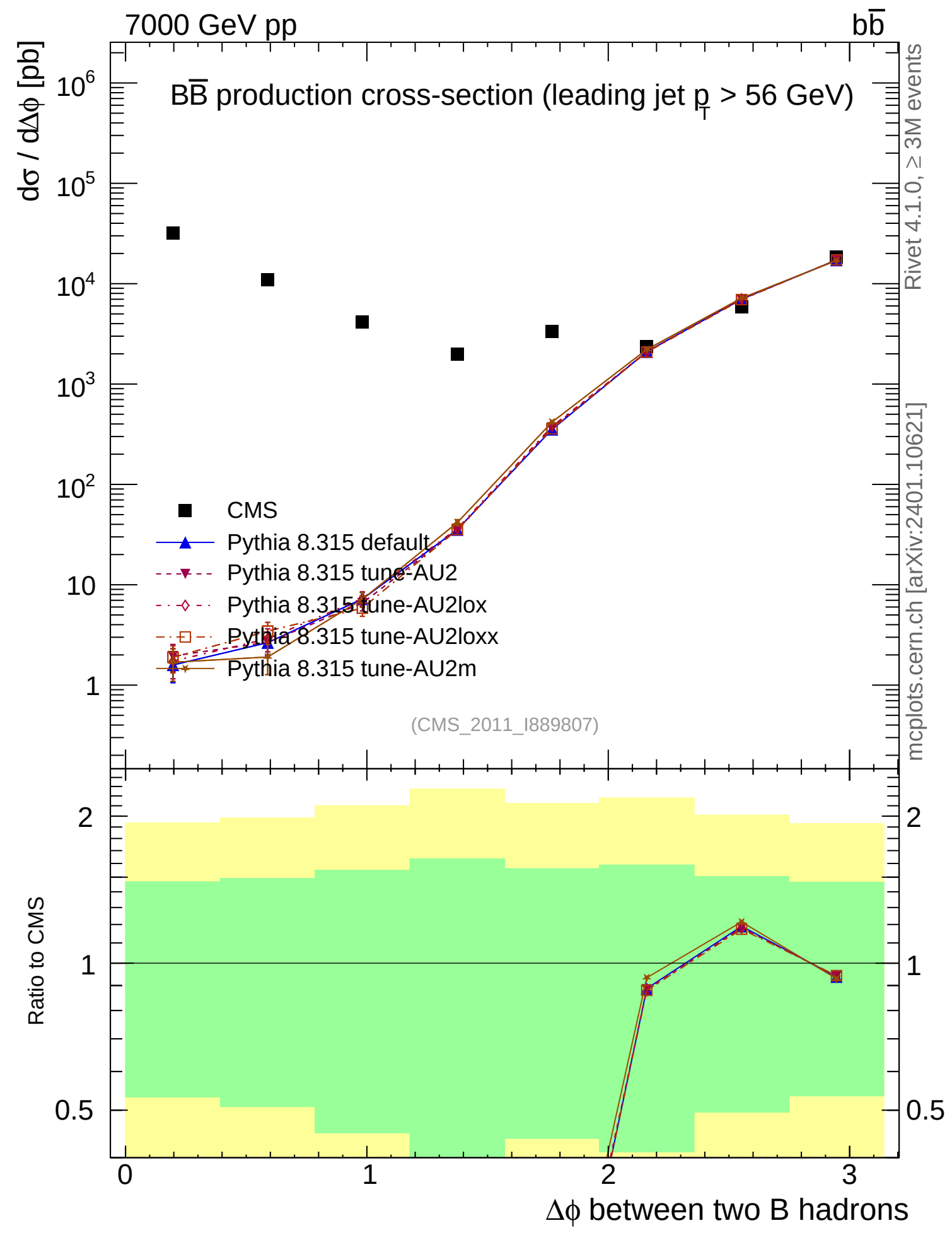
7000 GeV pp
$b\bar{b}$
$B\bar{B}$ production cross-section (leading jet p_T > 56 GeV)
$d\sigma / d\Delta\phi$ [pb]
10^6
10^5
10^4
10^3
10^2
10
1
CMS
Pythia 8.315 default
Pythia 8.315 tune-AU2
Pythia 8.315 tune-AU2lox
Pythia 8.315 tune-AU2loxx
Pythia 8.315 tune-AU2m
(CMS_2011_I889807)
Rivet 4.1.0, ≥ 3M events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to CMS
2
1
0.5
0
1
2
3
$\Delta\phi$ between two B hadrons