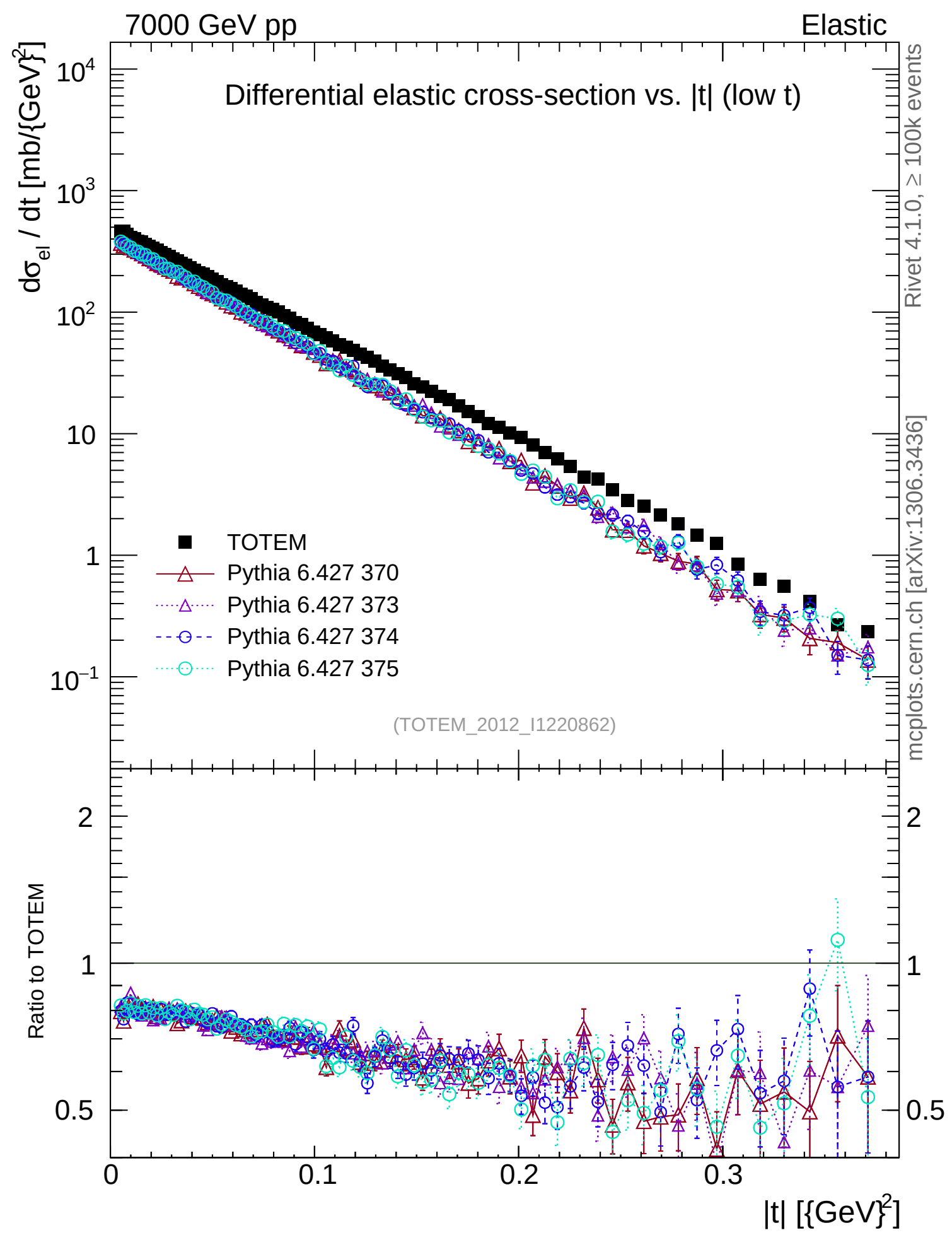
7000 GeV pp
Elastic
Differential elastic cross-section vs. |t| (low t)
$d\sigma_{el}$ / dt [mb/{GeV}^{2}]
10^4
10^3
10^2
10
1
10^{-1}
TOTEM
Pythia 6.427 370
Pythia 6.427 373
Pythia 6.427 374
Pythia 6.427 375
(TOTEM_2012_I1220862)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to TOTEM
2
1
0.5
0
0.1
0.2
0.3
|t| [{GeV}^{2}]