

7000 GeV pp

Elastic

Cross section

 $d\sigma_{el} / dt$ [mb/GeV 2]
 10^4
 10^3
 10^2
 10^1
 10^{-1}
 2
 1
 0.5
 TOTEM
 Pythia 8 (Def)
TOTEM_2012_I1220862
Pythia 8.301Rivet 3.1.0, $\geq 8.3M$ events
mcplots.cern.ch (arXiv:1306.3436)

Ratio to TOTEM

 1
 0.8
 0.6
 0.4
 0.2
 0.5

0

0.1

0.2

0.3

 $|t|$ [GeV 2]