

7000 GeV pp

σ_{Total}

Cross section

σ_{total} [mb]

Ratio to TOTEM

Rivet 2.4.0, $\geq 69M$ events
mcpplots.cern.ch

160
140
120
100
80
60
40
2
1
0.5

$\times 2$
+50%
+20%
+10%
-10%
-20%
-50%

- TOTEM
- Pythia 6 (350:P2011)
- ▲ Pythia 6 (351:radHi)
- ▼ Pythia 6 (352:radLo)
- △ Pythia 6 (353:mpiHi)
- Pythia 6 (354:noCR)
- ☆ Pythia 6 (355:M)
- Pythia 6 (356:C)
- Pythia 6 (357:T16)
- Pythia 6 (358:T32)
- Pythia 6 (359:TeV)

TOTEM_2011_I930960
Pythia 6.428

6999.5 7000 7000.5

sqrt{s}

