

# Table of Contents

NNLOapprox + NNLL .....	1
NLO + NLL .....	13

# NNLO<sub>approx</sub> + NNLL

Mass of stops / sbottoms	Cross section (pb) $\pm$ Uncertainty (NNLO <sub>approx</sub> + NNLL)
100. Ge V	0.177E+04 $\pm$ 6.77 %
105. Ge V	0.145E+04 $\pm$ 6.74 %
110. Ge V	0.120E+04 $\pm$ 6.71 %
115. Ge V	0.998E+03 $\pm$ 6.69 %
120. Ge V	0.832E+03 $\pm$ 6.67 %
125. Ge V	0.697E+03 $\pm$ 6.65 %
130. Ge V	0.586E+03 $\pm$ 6.63 %
135. Ge V	0.495E+03 $\pm$ 6.61 %
140. Ge V	0.419E+03 $\pm$ 6.59 %
145. Ge V	0.357E+03 $\pm$ 6.58 %
150. Ge V	0.304E+03 $\pm$ 6.57 %
155. Ge V	0.261E+03 $\pm$ 6.55 %
160. Ge V	0.224E+03 $\pm$ 6.54 %
165. Ge V	0.194E+03 $\pm$ 6.53 %
170. Ge V	0.168E+03 $\pm$ 6.52 %
175. Ge V	0.146E+03 $\pm$ 6.52 %
180. Ge V	0.127E+03 $\pm$ 6.51 %
185. Ge V	0.111E+03 $\pm$ 6.51 %
190. Ge V	0.973E+02 $\pm$ 6.5 %
195. Ge V	0.856E+02 $\pm$ 6.5 %
200. Ge V	0.755E+02 $\pm$ 6.5 %
205. Ge V	0.668E+02 $\pm$ 6.5 %
210. Ge V	0.593E+02 $\pm$ 6.5 %
215. Ge V	0.527E+02 $\pm$ 6.5 %
220. Ge V	0.470E+02 $\pm$ 6.5 %
225. Ge V	0.420E+02 $\pm$ 6.51 %
230. Ge V	0.377E+02 $\pm$ 6.51 %
235. Ge V	0.338E+02 $\pm$ 6.52 %
240. Ge V	0.305E+02 $\pm$ 6.52 %
245. Ge V	0.275E+02 $\pm$ 6.53 %
250. Ge V	0.248E+02 $\pm$ 6.54 %
255. Ge V	0.225E+02 $\pm$ 6.54 %
260. Ge V	0.204E+02 $\pm$ 6.55 %
265. Ge V	0.186E+02 $\pm$ 6.56 %
270. Ge V	0.169E+02 $\pm$ 6.57 %
275. Ge V	0.155E+02 $\pm$ 6.58 %
280. Ge V	0.141E+02 $\pm$ 6.6 %
285. Ge V	0.129E+02 $\pm$ 6.61 %
290. Ge V	0.119E+02 $\pm$ 6.62 %
295. Ge V	0.109E+02 $\pm$ 6.63 %
300. Ge V	0.100E+02 $\pm$ 6.65 %
305. Ge V	0.918E+01 $\pm$ 6.66 %
310. Ge V	0.843E+01 $\pm$ 6.67 %
315. Ge V	0.775E+01 $\pm$ 6.69 %
320. Ge V	0.713E+01 $\pm$ 6.7 %
325. Ge V	0.657E+01 $\pm$ 6.71 %

SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

330. Ge V	0.606E+01 ± 6.73 %
335. Ge V	0.559E+01 ± 6.74 %
340. Ge V	0.517E+01 ± 6.76 %
345. Ge V	0.478E+01 ± 6.78 %
350. Ge V	0.443E+01 ± 6.79 %
355. Ge V	0.410E+01 ± 6.81 %
360. Ge V	0.381E+01 ± 6.83 %
365. Ge V	0.354E+01 ± 6.85 %
370. Ge V	0.329E+01 ± 6.87 %
375. Ge V	0.306E+01 ± 6.89 %
380. Ge V	0.285E+01 ± 6.91 %
385. Ge V	0.265E+01 ± 6.93 %
390. Ge V	0.247E+01 ± 6.95 %
395. Ge V	0.231E+01 ± 6.97 %
400. Ge V	0.215E+01 ± 6.99 %
405. Ge V	0.201E+01 ± 7.01 %
410. Ge V	0.188E+01 ± 7.04 %
415. Ge V	0.176E+01 ± 7.06 %
420. Ge V	0.164E+01 ± 7.09 %
425. Ge V	0.154E+01 ± 7.11 %
430. Ge V	0.144E+01 ± 7.14 %
435. Ge V	0.135E+01 ± 7.16 %
440. Ge V	0.126E+01 ± 7.19 %
445. Ge V	0.119E+01 ± 7.22 %
450. Ge V	0.111E+01 ± 7.25 %
455. Ge V	0.105E+01 ± 7.27 %
460. Ge V	0.983E+00 ± 7.3 %
465. Ge V	0.925E+00 ± 7.33 %
470. Ge V	0.870E+00 ± 7.36 %
475. Ge V	0.819E+00 ± 7.38 %
480. Ge V	0.771E+00 ± 7.41 %
485. Ge V	0.727E+00 ± 7.44 %
490. Ge V	0.685E+00 ± 7.47 %
495. Ge V	0.646E+00 ± 7.5 %
500. Ge V	0.609E+00 ± 7.53 %
505. Ge V	0.575E+00 ± 7.56 %
510. Ge V	0.543E+00 ± 7.58 %
515. Ge V	0.513E+00 ± 7.61 %
520. Ge V	0.484E+00 ± 7.64 %
525. Ge V	0.458E+00 ± 7.67 %
530. Ge V	0.433E+00 ± 7.7 %
535. Ge V	0.409E+00 ± 7.73 %
540. Ge V	0.387E+00 ± 7.75 %
545. Ge V	0.367E+00 ± 7.78 %
550. Ge V	0.347E+00 ± 7.81 %
555. Ge V	0.329E+00 ± 7.84 %
560. Ge V	0.312E+00 ± 7.87 %
565. Ge V	0.296E+00 ± 7.9 %
570. Ge V	0.280E+00 ± 7.93 %
575. Ge V	0.266E+00 ± 7.96 %

SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

580. Ge V	0.252E+00 ± 7.99 %
585. Ge V	0.240E+00 ± 8.02 %
590. Ge V	0.228E+00 ± 8.05 %
595. Ge V	0.216E+00 ± 8.08 %
600. Ge V	0.205E+00 ± 8.12 %
605. Ge V	0.195E+00 ± 8.15 %
610. Ge V	0.186E+00 ± 8.18 %
615. Ge V	0.177E+00 ± 8.21 %
620. Ge V	0.168E+00 ± 8.25 %
625. Ge V	0.160E+00 ± 8.28 %
630. Ge V	0.152E+00 ± 8.31 %
635. Ge V	0.145E+00 ± 8.35 %
640. Ge V	0.138E+00 ± 8.38 %
645. Ge V	0.131E+00 ± 8.42 %
650. Ge V	0.125E+00 ± 8.45 %
655. Ge V	0.119E+00 ± 8.49 %
660. Ge V	0.114E+00 ± 8.52 %
665. Ge V	0.108E+00 ± 8.56 %
670. Ge V	0.103E+00 ± 8.59 %
675. Ge V	0.987E-01 ± 8.63 %
680. Ge V	0.942E-01 ± 8.66 %
685. Ge V	0.899E-01 ± 8.7 %
690. Ge V	0.858E-01 ± 8.73 %
695. Ge V	0.820E-01 ± 8.77 %
700. Ge V	0.783E-01 ± 8.8 %
705. Ge V	0.748E-01 ± 8.84 %
710. Ge V	0.715E-01 ± 8.88 %
715. Ge V	0.683E-01 ± 8.91 %
720. Ge V	0.653E-01 ± 8.95 %
725. Ge V	0.624E-01 ± 8.98 %
730. Ge V	0.597E-01 ± 9.02 %
735. Ge V	0.571E-01 ± 9.05 %
740. Ge V	0.546E-01 ± 9.09 %
745. Ge V	0.523E-01 ± 9.13 %
750. Ge V	0.500E-01 ± 9.16 %
755. Ge V	0.479E-01 ± 9.2 %
760. Ge V	0.459E-01 ± 9.24 %
765. Ge V	0.439E-01 ± 9.27 %
770. Ge V	0.421E-01 ± 9.31 %
775. Ge V	0.403E-01 ± 9.35 %
780. Ge V	0.386E-01 ± 9.38 %
785. Ge V	0.370E-01 ± 9.42 %
790. Ge V	0.355E-01 ± 9.46 %
795. Ge V	0.340E-01 ± 9.5 %
800. Ge V	0.326E-01 ± 9.53 %
805. Ge V	0.313E-01 ± 9.57 %
810. Ge V	0.300E-01 ± 9.61 %
815. Ge V	0.288E-01 ± 9.65 %
820. Ge V	0.276E-01 ± 9.69 %
825. Ge V	0.265E-01 ± 9.73 %

SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

830. GeV	0.254E-01 ± 9.77 %
835. GeV	0.244E-01 ± 9.81 %
840. GeV	0.234E-01 ± 9.85 %
845. GeV	0.225E-01 ± 9.89 %
850. GeV	0.216E-01 ± 9.93 %
855. GeV	0.208E-01 ± 9.97 %
860. GeV	0.199E-01 ± 10.01 %
865. GeV	0.192E-01 ± 10.05 %
870. GeV	0.184E-01 ± 10.09 %
875. GeV	0.177E-01 ± 10.13 %
880. GeV	0.170E-01 ± 10.17 %
885. GeV	0.164E-01 ± 10.21 %
890. GeV	0.157E-01 ± 10.25 %
895. GeV	0.151E-01 ± 10.29 %
900. GeV	0.145E-01 ± 10.33 %
905. GeV	0.140E-01 ± 10.38 %
910. GeV	0.135E-01 ± 10.42 %
915. GeV	0.129E-01 ± 10.46 %
920. GeV	0.125E-01 ± 10.5 %
925. GeV	0.120E-01 ± 10.54 %
930. GeV	0.115E-01 ± 10.59 %
935. GeV	0.111E-01 ± 10.63 %
940. GeV	0.107E-01 ± 10.67 %
945. GeV	0.103E-01 ± 10.71 %
950. GeV	0.991E-02 ± 10.76 %
955. GeV	0.954E-02 ± 10.8 %
960. GeV	0.919E-02 ± 10.84 %
965. GeV	0.885E-02 ± 10.89 %
970. GeV	0.853E-02 ± 10.93 %
975. GeV	0.822E-02 ± 10.97 %
980. GeV	0.792E-02 ± 11.02 %
985. GeV	0.763E-02 ± 11.06 %
990. GeV	0.735E-02 ± 11.11 %
995. GeV	0.709E-02 ± 11.15 %
1000. GeV	0.683E-02 ± 11.2 %
1005. GeV	0.659E-02 ± 11.24 %
1010. GeV	0.635E-02 ± 11.29 %
1015. GeV	0.613E-02 ± 11.33 %
1020. GeV	0.591E-02 ± 11.38 %
1025. GeV	0.570E-02 ± 11.42 %
1030. GeV	0.550E-02 ± 11.47 %
1035. GeV	0.530E-02 ± 11.51 %
1040. GeV	0.511E-02 ± 11.56 %
1045. GeV	0.493E-02 ± 11.6 %
1050. GeV	0.476E-02 ± 11.65 %
1055. GeV	0.460E-02 ± 11.7 %
1060. GeV	0.444E-02 ± 11.74 %
1065. GeV	0.428E-02 ± 11.79 %
1070. GeV	0.413E-02 ± 11.84 %
1075. GeV	0.399E-02 ± 11.88 %

SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

1080. GeV	0.385E-02 ± 11.93 %
1085. GeV	0.372E-02 ± 11.98 %
1090. GeV	0.359E-02 ± 12.03 %
1095. GeV	0.347E-02 ± 12.07 %
1100. GeV	0.335E-02 ± 12.12 %
1105. GeV	0.324E-02 ± 12.17 %
1110. GeV	0.313E-02 ± 12.22 %
1115. GeV	0.302E-02 ± 12.27 %
1120. GeV	0.292E-02 ± 12.32 %
1125. GeV	0.282E-02 ± 12.37 %
1130. GeV	0.272E-02 ± 12.42 %
1135. GeV	0.263E-02 ± 12.47 %
1140. GeV	0.254E-02 ± 12.52 %
1145. GeV	0.246E-02 ± 12.57 %
1150. GeV	0.238E-02 ± 12.62 %
1155. GeV	0.230E-02 ± 12.67 %
1160. GeV	0.222E-02 ± 12.72 %
1165. GeV	0.215E-02 ± 12.77 %
1170. GeV	0.208E-02 ± 12.82 %
1175. GeV	0.201E-02 ± 12.87 %
1180. GeV	0.194E-02 ± 12.93 %
1185. GeV	0.188E-02 ± 12.98 %
1190. GeV	0.182E-02 ± 13.03 %
1195. GeV	0.176E-02 ± 13.08 %
1200. GeV	0.170E-02 ± 13.13 %
1205. GeV	0.164E-02 ± 13.19 %
1210. GeV	0.159E-02 ± 13.24 %
1215. GeV	0.154E-02 ± 13.29 %
1220. GeV	0.149E-02 ± 13.34 %
1225. GeV	0.144E-02 ± 13.4 %
1230. GeV	0.139E-02 ± 13.45 %
1235. GeV	0.135E-02 ± 13.5 %
1240. GeV	0.131E-02 ± 13.55 %
1245. GeV	0.126E-02 ± 13.61 %
1250. GeV	0.122E-02 ± 13.66 %
1255. GeV	0.118E-02 ± 13.72 %
1260. GeV	0.115E-02 ± 13.77 %
1265. GeV	0.111E-02 ± 13.82 %
1270. GeV	0.107E-02 ± 13.88 %
1275. GeV	0.104E-02 ± 13.93 %
1280. GeV	0.101E-02 ± 13.99 %
1285. GeV	0.976E-03 ± 14.04 %
1290. GeV	0.945E-03 ± 14.1 %
1295. GeV	0.915E-03 ± 14.15 %
1300. GeV	0.887E-03 ± 14.21 %
1305. GeV	0.859E-03 ± 14.26 %
1310. GeV	0.832E-03 ± 14.32 %
1315. GeV	0.806E-03 ± 14.38 %
1320. GeV	0.781E-03 ± 14.43 %
1325. GeV	0.756E-03 ± 14.49 %

SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

1330. GeV	0.733E-03 ± 14.55 %
1335. GeV	0.710E-03 ± 14.61 %
1340. GeV	0.688E-03 ± 14.66 %
1345. GeV	0.667E-03 ± 14.72 %
1350. GeV	0.646E-03 ± 14.78 %
1355. GeV	0.626E-03 ± 14.84 %
1360. GeV	0.607E-03 ± 14.9 %
1365. GeV	0.588E-03 ± 14.95 %
1370. GeV	0.570E-03 ± 15.01 %
1375. GeV	0.553E-03 ± 15.07 %
1380. GeV	0.536E-03 ± 15.13 %
1385. GeV	0.519E-03 ± 15.19 %
1390. GeV	0.503E-03 ± 15.25 %
1395. GeV	0.488E-03 ± 15.31 %
1400. GeV	0.473E-03 ± 15.37 %
1405. GeV	0.459E-03 ± 15.43 %
1410. GeV	0.445E-03 ± 15.49 %
1415. GeV	0.431E-03 ± 15.55 %
1420. GeV	0.418E-03 ± 15.62 %
1425. GeV	0.406E-03 ± 15.68 %
1430. GeV	0.393E-03 ± 15.74 %
1435. GeV	0.382E-03 ± 15.8 %
1440. GeV	0.370E-03 ± 15.86 %
1445. GeV	0.359E-03 ± 15.93 %
1450. GeV	0.348E-03 ± 15.99 %
1455. GeV	0.338E-03 ± 16.05 %
1460. GeV	0.328E-03 ± 16.11 %
1465. GeV	0.318E-03 ± 16.18 %
1470. GeV	0.308E-03 ± 16.24 %
1475. GeV	0.299E-03 ± 16.31 %
1480. GeV	0.290E-03 ± 16.37 %
1485. GeV	0.282E-03 ± 16.43 %
1490. GeV	0.273E-03 ± 16.5 %
1495. GeV	0.265E-03 ± 16.56 %
1500. GeV	0.257E-03 ± 16.63 %
1505. GeV	0.250E-03 ± 16.69 %
1510. GeV	0.242E-03 ± 16.76 %
1515. GeV	0.235E-03 ± 16.82 %
1520. GeV	0.228E-03 ± 16.89 %
1525. GeV	0.222E-03 ± 16.95 %
1530. GeV	0.215E-03 ± 17.02 %
1535. GeV	0.209E-03 ± 17.08 %
1540. GeV	0.203E-03 ± 17.15 %
1545. GeV	0.197E-03 ± 17.21 %
1550. GeV	0.191E-03 ± 17.28 %
1555. GeV	0.185E-03 ± 17.35 %
1560. GeV	0.180E-03 ± 17.41 %
1565. GeV	0.175E-03 ± 17.48 %
1570. GeV	0.170E-03 ± 17.55 %
1575. GeV	0.165E-03 ± 17.62 %

SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

1580. GeV	0.160E-03 ± 17.68 %
1585. GeV	0.155E-03 ± 17.75 %
1590. GeV	0.151E-03 ± 17.82 %
1595. GeV	0.146E-03 ± 17.89 %
1600. GeV	0.142E-03 ± 17.96 %
1605. GeV	0.138E-03 ± 18.03 %
1610. GeV	0.134E-03 ± 18.1 %
1615. GeV	0.130E-03 ± 18.17 %
1620. GeV	0.127E-03 ± 18.24 %
1625. GeV	0.123E-03 ± 18.31 %
1630. GeV	0.119E-03 ± 18.38 %
1635. GeV	0.116E-03 ± 18.45 %
1640. GeV	0.113E-03 ± 18.52 %
1645. GeV	0.109E-03 ± 18.59 %
1650. GeV	0.106E-03 ± 18.67 %
1655. GeV	0.103E-03 ± 18.74 %
1660. GeV	0.100E-03 ± 18.81 %
1665. GeV	0.974E-04 ± 18.88 %
1670. GeV	0.946E-04 ± 18.96 %
1675. GeV	0.920E-04 ± 19.03 %
1680. GeV	0.893E-04 ± 19.1 %
1685. GeV	0.868E-04 ± 19.18 %
1690. GeV	0.843E-04 ± 19.25 %
1695. GeV	0.819E-04 ± 19.33 %
1700. GeV	0.796E-04 ± 19.4 %
1705. GeV	0.774E-04 ± 19.48 %
1710. GeV	0.752E-04 ± 19.55 %
1715. GeV	0.731E-04 ± 19.63 %
1720. GeV	0.710E-04 ± 19.7 %
1725. GeV	0.690E-04 ± 19.78 %
1730. GeV	0.671E-04 ± 19.85 %
1735. GeV	0.652E-04 ± 19.93 %
1740. GeV	0.633E-04 ± 20.01 %
1745. GeV	0.616E-04 ± 20.08 %
1750. GeV	0.598E-04 ± 20.16 %
1755. GeV	0.582E-04 ± 20.24 %
1760. GeV	0.565E-04 ± 20.31 %
1765. GeV	0.550E-04 ± 20.39 %
1770. GeV	0.534E-04 ± 20.47 %
1775. GeV	0.519E-04 ± 20.55 %
1780. GeV	0.505E-04 ± 20.63 %
1785. GeV	0.491E-04 ± 20.71 %
1790. GeV	0.477E-04 ± 20.79 %
1795. GeV	0.464E-04 ± 20.86 %
1800. GeV	0.451E-04 ± 20.94 %
1805. GeV	0.438E-04 ± 21.02 %
1810. GeV	0.426E-04 ± 21.1 %
1815. GeV	0.414E-04 ± 21.19 %
1820. GeV	0.403E-04 ± 21.27 %
1825. GeV	0.392E-04 ± 21.35 %



SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

1830. GeV	0.381E-04 ± 21.43 %
1835. GeV	0.370E-04 ± 21.51 %
1840. GeV	0.360E-04 ± 21.59 %
1845. GeV	0.350E-04 ± 21.68 %
1850. GeV	0.340E-04 ± 21.76 %
1855. GeV	0.331E-04 ± 21.84 %
1860. GeV	0.322E-04 ± 21.92 %
1865. GeV	0.313E-04 ± 22.01 %
1870. GeV	0.304E-04 ± 22.09 %
1875. GeV	0.296E-04 ± 22.18 %
1880. GeV	0.288E-04 ± 22.26 %
1885. GeV	0.280E-04 ± 22.34 %
1890. GeV	0.272E-04 ± 22.43 %
1895. GeV	0.265E-04 ± 22.52 %
1900. GeV	0.258E-04 ± 22.6 %
1905. GeV	0.250E-04 ± 22.69 %
1910. GeV	0.244E-04 ± 22.77 %
1915. GeV	0.237E-04 ± 22.86 %
1920. GeV	0.230E-04 ± 22.95 %
1925. GeV	0.224E-04 ± 23.03 %
1930. GeV	0.218E-04 ± 23.12 %
1935. GeV	0.212E-04 ± 23.21 %
1940. GeV	0.206E-04 ± 23.3 %
1945. GeV	0.201E-04 ± 23.38 %
1950. GeV	0.195E-04 ± 23.47 %
1955. GeV	0.190E-04 ± 23.56 %
1960. GeV	0.185E-04 ± 23.65 %
1965. GeV	0.180E-04 ± 23.74 %
1970. GeV	0.175E-04 ± 23.83 %
1975. GeV	0.170E-04 ± 23.92 %
1980. GeV	0.165E-04 ± 24.01 %
1985. GeV	0.161E-04 ± 24.1 %
1990. GeV	0.157E-04 ± 24.2 %
1995. GeV	0.152E-04 ± 24.29 %
2000. GeV	0.148E-04 ± 24.38 %
2005. GeV	0.144E-04 ± 24.47 %
2010. GeV	0.140E-04 ± 24.56 %
2015. GeV	0.137E-04 ± 24.66 %
2020. GeV	0.133E-04 ± 24.75 %
2025. GeV	0.129E-04 ± 24.84 %
2030. GeV	0.126E-04 ± 24.94 %
2035. GeV	0.122E-04 ± 25.03 %
2040. GeV	0.119E-04 ± 25.13 %
2045. GeV	0.116E-04 ± 25.22 %
2050. GeV	0.113E-04 ± 25.32 %
2055. GeV	0.110E-04 ± 25.42 %
2060. GeV	0.107E-04 ± 25.51 %
2065. GeV	0.104E-04 ± 25.61 %
2070. GeV	0.101E-04 ± 25.71 %
2075. GeV	0.984E-05 ± 25.8 %

SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

2080. GeV	0.957E-05 ± 25.9 %
2085. GeV	0.931E-05 ± 26.0 %
2090. GeV	0.906E-05 ± 26.1 %
2095. GeV	0.882E-05 ± 26.2 %
2100. GeV	0.858E-05 ± 26.3 %
2105. GeV	0.835E-05 ± 26.4 %
2110. GeV	0.813E-05 ± 26.5 %
2115. GeV	0.791E-05 ± 26.6 %
2120. GeV	0.770E-05 ± 26.7 %
2125. GeV	0.749E-05 ± 26.8 %
2130. GeV	0.729E-05 ± 26.9 %
2135. GeV	0.710E-05 ± 27.01 %
2140. GeV	0.691E-05 ± 27.11 %
2145. GeV	0.672E-05 ± 27.21 %
2150. GeV	0.655E-05 ± 27.32 %
2155. GeV	0.637E-05 ± 27.42 %
2160. GeV	0.620E-05 ± 27.52 %
2165. GeV	0.604E-05 ± 27.63 %
2170. GeV	0.587E-05 ± 27.73 %
2175. GeV	0.572E-05 ± 27.84 %
2180. GeV	0.557E-05 ± 27.95 %
2185. GeV	0.542E-05 ± 28.05 %
2190. GeV	0.527E-05 ± 28.16 %
2195. GeV	0.513E-05 ± 28.27 %
2200. GeV	0.500E-05 ± 28.38 %
2205. GeV	0.486E-05 ± 28.48 %
2210. GeV	0.473E-05 ± 28.59 %
2215. GeV	0.461E-05 ± 28.7 %
2220. GeV	0.449E-05 ± 28.81 %
2225. GeV	0.437E-05 ± 28.92 %
2230. GeV	0.425E-05 ± 29.03 %
2235. GeV	0.414E-05 ± 29.14 %
2240. GeV	0.403E-05 ± 29.25 %
2245. GeV	0.392E-05 ± 29.36 %
2250. GeV	0.382E-05 ± 29.47 %
2255. GeV	0.372E-05 ± 29.58 %
2260. GeV	0.362E-05 ± 29.7 %
2265. GeV	0.352E-05 ± 29.81 %
2270. GeV	0.343E-05 ± 29.92 %
2275. GeV	0.334E-05 ± 30.04 %
2280. GeV	0.325E-05 ± 30.15 %
2285. GeV	0.316E-05 ± 30.27 %
2290. GeV	0.308E-05 ± 30.38 %
2295. GeV	0.300E-05 ± 30.5 %
2300. GeV	0.292E-05 ± 30.62 %
2305. GeV	0.284E-05 ± 30.74 %
2310. GeV	0.277E-05 ± 30.85 %
2315. GeV	0.269E-05 ± 30.97 %
2320. GeV	0.262E-05 ± 31.09 %
2325. GeV	0.255E-05 ± 31.21 %

SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

2330. GeV	0.249E-05 ± 31.33 %
2335. GeV	0.242E-05 ± 31.46 %
2340. GeV	0.236E-05 ± 31.58 %
2345. GeV	0.229E-05 ± 31.7 %
2350. GeV	0.223E-05 ± 31.82 %
2355. GeV	0.217E-05 ± 31.95 %
2360. GeV	0.212E-05 ± 32.07 %
2365. GeV	0.206E-05 ± 32.2 %
2370. GeV	0.201E-05 ± 32.32 %
2375. GeV	0.195E-05 ± 32.45 %
2380. GeV	0.190E-05 ± 32.58 %
2385. GeV	0.185E-05 ± 32.7 %
2390. GeV	0.180E-05 ± 32.83 %
2395. GeV	0.176E-05 ± 32.96 %
2400. GeV	0.171E-05 ± 33.09 %
2405. GeV	0.166E-05 ± 33.22 %
2410. GeV	0.162E-05 ± 33.35 %
2415. GeV	0.158E-05 ± 33.48 %
2420. GeV	0.154E-05 ± 33.61 %
2425. GeV	0.150E-05 ± 33.75 %
2430. GeV	0.146E-05 ± 33.88 %
2435. GeV	0.142E-05 ± 34.01 %
2440. GeV	0.138E-05 ± 34.15 %
2445. GeV	0.135E-05 ± 34.28 %
2450. GeV	0.131E-05 ± 34.42 %
2455. GeV	0.128E-05 ± 34.55 %
2460. GeV	0.124E-05 ± 34.69 %
2465. GeV	0.121E-05 ± 34.83 %
2470. GeV	0.118E-05 ± 34.97 %
2475. GeV	0.115E-05 ± 35.11 %
2480. GeV	0.112E-05 ± 35.25 %
2485. GeV	0.109E-05 ± 35.39 %
2490. GeV	0.106E-05 ± 35.53 %
2495. GeV	0.103E-05 ± 35.67 %
2500. GeV	0.100E-05 ± 35.82 %
2505. GeV	0.977E-06 ± 35.96 %
2510. GeV	0.952E-06 ± 36.1 %
2515. GeV	0.927E-06 ± 36.25 %
2520. GeV	0.902E-06 ± 36.4 %
2525. GeV	0.879E-06 ± 36.54 %
2530. GeV	0.856E-06 ± 36.69 %
2535. GeV	0.833E-06 ± 36.84 %
2540. GeV	0.811E-06 ± 36.99 %
2545. GeV	0.790E-06 ± 37.14 %
2550. GeV	0.769E-06 ± 37.29 %
2555. GeV	0.749E-06 ± 37.45 %
2560. GeV	0.730E-06 ± 37.6 %
2565. GeV	0.710E-06 ± 37.76 %
2570. GeV	0.692E-06 ± 37.91 %
2575. GeV	0.674E-06 ± 38.07 %

SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

2580. GeV	0.656E-06 ± 38.23 %
2585. GeV	0.639E-06 ± 38.39 %
2590. GeV	0.622E-06 ± 38.55 %
2595. GeV	0.606E-06 ± 38.71 %
2600. GeV	0.590E-06 ± 38.87 %
2605. GeV	0.574E-06 ± 39.04 %
2610. GeV	0.559E-06 ± 39.2 %
2615. GeV	0.545E-06 ± 39.37 %
2620. GeV	0.530E-06 ± 39.54 %
2625. GeV	0.516E-06 ± 39.71 %
2630. GeV	0.503E-06 ± 39.88 %
2635. GeV	0.490E-06 ± 40.05 %
2640. GeV	0.477E-06 ± 40.23 %
2645. GeV	0.464E-06 ± 40.4 %
2650. GeV	0.452E-06 ± 40.58 %
2655. GeV	0.440E-06 ± 40.75 %
2660. GeV	0.429E-06 ± 40.93 %
2665. GeV	0.418E-06 ± 41.11 %
2670. GeV	0.407E-06 ± 41.29 %
2675. GeV	0.396E-06 ± 41.47 %
2680. GeV	0.386E-06 ± 41.65 %
2685. GeV	0.375E-06 ± 41.83 %
2690. GeV	0.366E-06 ± 42.01 %
2695. GeV	0.356E-06 ± 42.2 %
2700. GeV	0.347E-06 ± 42.38 %
2705. GeV	0.338E-06 ± 42.57 %
2710. GeV	0.329E-06 ± 42.76 %
2715. GeV	0.320E-06 ± 42.95 %
2720. GeV	0.312E-06 ± 43.14 %
2725. GeV	0.304E-06 ± 43.33 %
2730. GeV	0.296E-06 ± 43.53 %
2735. GeV	0.288E-06 ± 43.72 %
2740. GeV	0.280E-06 ± 43.91 %
2745. GeV	0.273E-06 ± 44.11 %
2750. GeV	0.266E-06 ± 44.3 %
2755. GeV	0.259E-06 ± 44.5 %
2760. GeV	0.252E-06 ± 44.69 %
2765. GeV	0.246E-06 ± 44.89 %
2770. GeV	0.239E-06 ± 45.09 %
2775. GeV	0.233E-06 ± 45.28 %
2780. GeV	0.227E-06 ± 45.48 %
2785. GeV	0.221E-06 ± 45.68 %
2790. GeV	0.215E-06 ± 45.88 %
2795. GeV	0.209E-06 ± 46.08 %
2800. GeV	0.204E-06 ± 46.27 %
2805. GeV	0.199E-06 ± 46.46 %
2810. GeV	0.193E-06 ± 46.65 %
2815. GeV	0.188E-06 ± 46.85 %
2820. GeV	0.183E-06 ± 47.04 %
2825. GeV	0.179E-06 ± 47.23 %

SUSY Cross Sections 13 TeV stop to  $\leq$  LHC Physics  $\leq$  TWiki

2830. GeV	0.174E-06 $\pm$ 47.42 %
2835. GeV	0.169E-06 $\pm$ 47.61 %
2840. GeV	0.165E-06 $\pm$ 47.8 %
2845. GeV	0.161E-06 $\pm$ 48.0 %
2850. GeV	0.157E-06 $\pm$ 48.19 %
2855. GeV	0.152E-06 $\pm$ 48.39 %
2860. GeV	0.148E-06 $\pm$ 48.58 %
2865. GeV	0.145E-06 $\pm$ 48.78 %
2870. GeV	0.141E-06 $\pm$ 48.98 %
2875. GeV	0.137E-06 $\pm$ 49.18 %
2880. GeV	0.134E-06 $\pm$ 49.38 %
2885. GeV	0.130E-06 $\pm$ 49.58 %
2890. GeV	0.127E-06 $\pm$ 49.78 %
2895. GeV	0.123E-06 $\pm$ 49.98 %
2900. GeV	0.120E-06 $\pm$ 50.19 %
2905. GeV	0.117E-06 $\pm$ 50.4 %
2910. GeV	0.114E-06 $\pm$ 50.6 %
2915. GeV	0.111E-06 $\pm$ 50.81 %
2920. GeV	0.108E-06 $\pm$ 51.02 %
2925. GeV	0.105E-06 $\pm$ 51.24 %
2930. GeV	0.103E-06 $\pm$ 51.45 %
2935. GeV	0.999E-07 $\pm$ 51.67 %
2940. GeV	0.972E-07 $\pm$ 51.89 %
2945. GeV	0.947E-07 $\pm$ 52.11 %
2950. GeV	0.922E-07 $\pm$ 52.33 %
2955. GeV	0.898E-07 $\pm$ 52.56 %
2960. GeV	0.875E-07 $\pm$ 52.79 %
2965. GeV	0.852E-07 $\pm$ 53.02 %
2970. GeV	0.830E-07 $\pm$ 53.25 %
2975. GeV	0.808E-07 $\pm$ 53.48 %
2980. GeV	0.787E-07 $\pm$ 53.72 %
2985. GeV	0.766E-07 $\pm$ 53.96 %
2990. GeV	0.746E-07 $\pm$ 54.2 %
2995. GeV	0.727E-07 $\pm$ 54.45 %
3000. GeV	0.708E-07 $\pm$ 54.7 %

Contact: Alexander Mann, Da Xu, 2019

# NLO + NLL

More... Close

Mass of stops / sbottoms	Cross section (pb) $\pm$ Uncertainty (NLO + NLL)
100 Ge V	1521.11 $\pm$ 15.4038%
105 Ge V	1233.18 $\pm$ 15.4059%
110 Ge V	1013.76 $\pm$ 15.4088%
115 Ge V	832.656 $\pm$ 15.1503%
120 Ge V	689.799 $\pm$ 15.044%
125 Ge V	574.981 $\pm$ 14.9895%
130 Ge V	481.397 $\pm$ 14.8906%
135 Ge V	405.159 $\pm$ 14.8952%
140 Ge V	342.865 $\pm$ 14.9119%
145 Ge V	291.752 $\pm$ 14.8022%
150 Ge V	249.409 $\pm$ 14.7477%
155 Ge V	214.221 $\pm$ 14.5928%
160 Ge V	184.623 $\pm$ 14.5821%
165 Ge V	159.614 $\pm$ 14.7859%
170 Ge V	139.252 $\pm$ 14.547%
175 Ge V	121.416 $\pm$ 14.6341%
180 Ge V	106.194 $\pm$ 14.2033%
185 Ge V	93.3347 $\pm$ 14.4893%
190 Ge V	82.2541 $\pm$ 14.4677%
195 Ge V	72.7397 $\pm$ 14.4452%
200 Ge V	64.5085 $\pm$ 14.4098%
205 Ge V	57.2279 $\pm$ 14.4191%
210 Ge V	50.9226 $\pm$ 14.2457%
215 Ge V	45.3761 $\pm$ 14.344%
220 Ge V	40.5941 $\pm$ 14.2634%
225 Ge V	36.3818 $\pm$ 14.2189%
230 Ge V	32.6679 $\pm$ 14.1592%
235 Ge V	29.3155 $\pm$ 14.2233%
240 Ge V	26.4761 $\pm$ 14.1723%
245 Ge V	23.8853 $\pm$ 13.9482%
250 Ge V	21.5949 $\pm$ 14.0595%
255 Ge V	19.5614 $\pm$ 13.8755%
260 Ge V	17.6836 $\pm$ 13.9505%
265 Ge V	16.112 $\pm$ 13.9531%
270 Ge V	14.6459 $\pm$ 13.9278%
275 Ge V	13.3231 $\pm$ 14.2549%
280 Ge V	12.1575 $\pm$ 14.1584%
285 Ge V	11.0925 $\pm$ 14.0904%
290 Ge V	10.1363 $\pm$ 13.8967%
295 Ge V	9.29002 $\pm$ 13.9107%
300 Ge V	8.51615 $\pm$ 13.9223%
305 Ge V	7.81428 $\pm$ 13.8996%
310 Ge V	7.17876 $\pm$ 13.9357%
315 Ge V	6.60266 $\pm$ 13.9256%

SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

320 Ge V	6.08444 ± 13.7957%
325 Ge V	5.60471 ± 13.8144%
330 Ge V	5.17188 ± 13.6954%
335 Ge V	4.77871 ± 13.7554%
340 Ge V	4.41629 ± 13.7945%
345 Ge V	4.08881 ± 13.7075%
350 Ge V	3.78661 ± 13.6877%
355 Ge V	3.50911 ± 13.8089%
360 Ge V	3.25619 ± 13.8002%
365 Ge V	3.02472 ± 13.7093%
370 Ge V	2.8077 ± 13.8064%
375 Ge V	2.61162 ± 13.8477%
380 Ge V	2.43031 ± 13.6999%
385 Ge V	2.26365 ± 13.728%
390 Ge V	2.10786 ± 13.732%
395 Ge V	1.9665 ± 13.4737%
400 Ge V	1.83537 ± 13.6985%
405 Ge V	1.70927 ± 13.7114%
410 Ge V	1.60378 ± 13.5468%
415 Ge V	1.49798 ± 13.4453%
420 Ge V	1.39688 ± 13.6719%
425 Ge V	1.31169 ± 13.5013%
430 Ge V	1.22589 ± 13.3237%
435 Ge V	1.14553 ± 13.5478%
440 Ge V	1.07484 ± 13.7238%
445 Ge V	1.01019 ± 13.4187%
450 Ge V	0.948333 ± 13.4559%
455 Ge V	0.890847 ± 13.4587%
460 Ge V	0.836762 ± 13.4468%
465 Ge V	0.787221 ± 13.4149%
470 Ge V	0.740549 ± 13.4127%
475 Ge V	0.697075 ± 13.3926%
480 Ge V	0.655954 ± 13.4392%
485 Ge V	0.618562 ± 13.3705%
490 Ge V	0.582467 ± 13.3914%
495 Ge V	0.549524 ± 13.3691%
500 Ge V	0.51848 ± 13.3797%
505 Ge V	0.489324 ± 13.3608%
510 Ge V	0.462439 ± 13.3046%
515 Ge V	0.436832 ± 13.3703%
520 Ge V	0.412828 ± 13.272%
525 Ge V	0.390303 ± 13.3443%
530 Ge V	0.368755 ± 13.3769%
535 Ge V	0.348705 ± 13.2706%
540 Ge V	0.330157 ± 13.2981%
545 Ge V	0.312672 ± 13.277%
550 Ge V	0.296128 ± 13.2687%
555 Ge V	0.280734 ± 13.2363%
560 Ge V	0.266138 ± 13.193%
565 Ge V	0.251557 ± 13.1731%

SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

570 Ge V	0.238537 ± 13.3409%
575 Ge V	0.226118 ± 13.2741%
580 Ge V	0.214557 ± 13.1697%
585 Ge V	0.203566 ± 13.3257%
590 Ge V	0.193079 ± 13.2037%
595 Ge V	0.183604 ± 13.0973%
600 Ge V	0.174599 ± 13.2074%
605 Ge V	0.166131 ± 13.0154%
610 Ge V	0.158242 ± 13.142%
615 Ge V	0.150275 ± 13.285%
620 Ge V	0.142787 ± 13.0642%
625 Ge V	0.136372 ± 12.7962%
630 Ge V	0.129886 ± 13.2957%
635 Ge V	0.123402 ± 13.016%
640 Ge V	0.11795 ± 12.7132%
645 Ge V	0.112008 ± 12.808%
650 Ge V	0.107045 ± 12.9232%
655 Ge V	0.102081 ± 13.0012%
660 Ge V	0.09725 ± 12.9038%
665 Ge V	0.0927515 ± 12.9548%
670 Ge V	0.0885084 ± 13.0218%
675 Ge V	0.0844877 ± 13.0703%
680 Ge V	0.0806192 ± 13.1131%
685 Ge V	0.0769099 ± 13.1517%
690 Ge V	0.0734901 ± 13.2344%
695 Ge V	0.0701805 ± 13.2716%
700 Ge V	0.0670476 ± 13.3429%
705 Ge V	0.0641426 ± 13.363%
710 Ge V	0.0612942 ± 13.3941%
715 Ge V	0.0585678 ± 13.4663%
720 Ge V	0.0560753 ± 13.4984%
725 Ge V	0.0536438 ± 13.5804%
730 Ge V	0.0513219 ± 13.5682%
735 Ge V	0.0491001 ± 13.6268%
740 Ge V	0.0470801 ± 13.6895%
745 Ge V	0.045061 ± 13.6816%
750 Ge V	0.0431418 ± 13.7455%
755 Ge V	0.0413447 ± 13.7833%
760 Ge V	0.0396264 ± 13.8518%
765 Ge V	0.0379036 ± 13.8537%
770 Ge V	0.0363856 ± 13.9334%
775 Ge V	0.0348796 ± 13.9597%
780 Ge V	0.0334669 ± 14.0267%
785 Ge V	0.0320548 ± 14.0406%
790 Ge V	0.0307373 ± 14.115%
795 Ge V	0.0295348 ± 14.1397%
800 Ge V	0.0283338 ± 14.171%
805 Ge V	0.0272206 ± 14.241%
810 Ge V	0.0261233 ± 14.2891%
815 Ge V	0.0251107 ± 14.3632%



SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

820 Ge V	0.0241099 ± 14.3805%
825 Ge V	0.0230866 ± 14.4428%
830 Ge V	0.0221834 ± 14.4791%
835 Ge V	0.0213766 ± 14.5511%
840 Ge V	0.0204715 ± 14.6131%
845 Ge V	0.0197653 ± 14.6602%
850 Ge V	0.0189612 ± 14.702%
855 Ge V	0.0182516 ± 14.7648%
860 Ge V	0.0175509 ± 14.7944%
865 Ge V	0.0168336 ± 14.8528%
870 Ge V	0.0162314 ± 14.8772%
875 Ge V	0.015625 ± 14.9567%
880 Ge V	0.0150143 ± 15.0389%
885 Ge V	0.0144112 ± 15.0614%
890 Ge V	0.0138979 ± 15.1%
895 Ge V	0.0133962 ± 15.1325%
900 Ge V	0.0128895 ± 15.2026%
905 Ge V	0.0123843 ± 15.2968%
910 Ge V	0.0119837 ± 15.3089%
915 Ge V	0.0114713 ± 15.3678%
920 Ge V	0.0110688 ± 15.4082%
925 Ge V	0.0106631 ± 15.4806%
930 Ge V	0.0102629 ± 15.5313%
935 Ge V	0.0098874 ± 15.6066%
940 Ge V	0.00952142 ± 15.6055%
945 Ge V	0.00916636 ± 15.6849%
950 Ge V	0.00883465 ± 15.7177%
955 Ge V	0.00851073 ± 15.8094%
960 Ge V	0.00820884 ± 15.844%
965 Ge V	0.00791403 ± 15.9216%
970 Ge V	0.00763112 ± 15.9742%
975 Ge V	0.00735655 ± 16.0548%
980 Ge V	0.00710317 ± 16.0626%
985 Ge V	0.00684867 ± 16.144%
990 Ge V	0.00660695 ± 16.1813%
995 Ge V	0.00637546 ± 16.2158%
1000 Ge V	0.00615134 ± 16.2953%
1005 Ge V	0.00593765 ± 16.3716%
1010 Ge V	0.00572452 ± 16.3857%
1015 Ge V	0.00553094 ± 16.4628%
1020 Ge V	0.00533968 ± 16.4963%
1025 Ge V	0.00514619 ± 16.5762%
1030 Ge V	0.00497235 ± 16.5838%
1035 Ge V	0.00479906 ± 16.6646%
1040 Ge V	0.00463806 ± 16.6947%
1045 Ge V	0.00447537 ± 16.7071%
1050 Ge V	0.00432261 ± 16.7859%
1055 Ge V	0.00417983 ± 16.8637%
1060 Ge V	0.00403886 ± 16.8981%
1065 Ge V	0.0038962 ± 16.9794%

SUSYCrossSections13TeVstopbottom < LHCPhysics < TWiki

1070 Ge V	0.00376343 ± 16.9764%
1075 Ge V	0.00364174 ± 17.0634%
1080 Ge V	0.00352093 ± 17.0908%
1085 Ge V	0.00339813 ± 17.1929%
1090 Ge V	0.00328695 ± 17.2274%
1095 Ge V	0.00317628 ± 17.2617%
1100 Ge V	0.00307413 ± 17.3377%
1105 Ge V	0.00297377 ± 17.3822%
1110 Ge V	0.00287148 ± 17.4725%
1115 Ge V	0.00278078 ± 17.5091%
1120 Ge V	0.00268873 ± 17.5883%
1125 Ge V	0.00260821 ± 17.6126%
1130 Ge V	0.00251529 ± 17.6836%
1135 Ge V	0.00243484 ± 17.7128%
1140 Ge V	0.00236295 ± 17.7977%
1145 Ge V	0.00228192 ± 17.8507%
1150 Ge V	0.00221047 ± 17.9259%
1155 Ge V	0.00213907 ± 18.0255%
1160 Ge V	0.00206845 ± 18.0518%
1165 Ge V	0.0020063 ± 18.0954%
1170 Ge V	0.00194569 ± 18.1194%
1175 Ge V	0.0018741 ± 18.2145%
1180 Ge V	0.00182266 ± 18.3074%
1185 Ge V	0.00176211 ± 18.3375%
1190 Ge V	0.00170006 ± 18.4075%
1195 Ge V	0.00164968 ± 18.4438%
1200 Ge V	0.00159844 ± 18.5209%
1205 Ge V	0.0015472 ± 18.5977%
1210 Ge V	0.00149657 ± 18.6485%
1215 Ge V	0.00145544 ± 18.7347%
1220 Ge V	0.00140288 ± 18.8774%
1225 Ge V	0.00136155 ± 18.989%
1230 Ge V	0.00131271 ± 18.8763%
1235 Ge V	0.0012717 ± 18.9588%
1240 Ge V	0.00123066 ± 19.049%
1245 Ge V	0.00119994 ± 19.1442%
1250 Ge V	0.0011583 ± 19.3006%
1255 Ge V	0.00112694 ± 19.4441%
1260 Ge V	0.00108716 ± 19.4141%
1265 Ge V	0.00105517 ± 19.6361%
1270 Ge V	0.00102241 ± 19.6297%
1275 Ge V	0.000991293 ± 19.762%
1280 Ge V	0.000961012 ± 19.7926%
1285 Ge V	0.000932394 ± 19.8682%
1290 Ge V	0.000903404 ± 19.9924%
1295 Ge V	0.000876957 ± 20.0777%
1300 Ge V	0.000850345 ± 20.1604%
1305 Ge V	0.00082443 ± 20.2883%
1310 Ge V	0.00079983 ± 20.373%
1315 Ge V	0.000775222 ± 20.4622%

SUSY Cross Sections 13 TeV stop to  $\sqrt{s} < \sqrt{s_{\text{LHC}}}$  Physics  $\sqrt{s} < \sqrt{s_{\text{TW}}}$

1320 Ge V	0.000751372 ± 20.5919%
1325 Ge V	0.000728912 ± 20.6884%
1330 Ge V	0.000706867 ± 20.7763%
1335 Ge V	0.000685372 ± 20.8587%
1340 Ge V	0.000664649 ± 20.9879%
1345 Ge V	0.000644804 ± 21.1487%
1350 Ge V	0.000625155 ± 21.2761%
1355 Ge V	0.000606802 ± 21.3529%
1360 Ge V	0.000588512 ± 21.4428%
1365 Ge V	0.000570506 ± 21.6584%
1370 Ge V	0.000553379 ± 21.6036%
1375 Ge V	0.000536646 ± 21.775%
1380 Ge V	0.000521404 ± 21.8383%
1385 Ge V	0.000505008 ± 21.9675%
1390 Ge V	0.000490353 ± 22.1444%
1395 Ge V	0.000476164 ± 22.2016%
1400 Ge V	0.000461944 ± 22.2704%
1405 Ge V	0.000448172 ± 22.4911%
1410 Ge V	0.000435082 ± 22.5606%
1415 Ge V	0.000422967 ± 22.6095%
1420 Ge V	0.000410381 ± 22.797%
1425 Ge V	0.000398106 ± 22.8949%
1430 Ge V	0.000386792 ± 23.1319%
1435 Ge V	0.000375724 ± 23.1724%
1440 Ge V	0.000364616 ± 23.2234%
1445 Ge V	0.000353965 ± 23.4637%
1450 Ge V	0.000343923 ± 23.4948%
1455 Ge V	0.000333885 ± 23.5468%
1460 Ge V	0.000324344 ± 23.771%
1465 Ge V	0.0003153 ± 23.8004%
1470 Ge V	0.00030583 ± 24.0064%
1475 Ge V	0.000296811 ± 24.0314%
1480 Ge V	0.000288149 ± 23.9248%
1485 Ge V	0.000279711 ± 24.1257%
1490 Ge V	0.000271724 ± 24.1274%
1495 Ge V	0.000264275 ± 24.3545%
1500 Ge V	0.000256248 ± 24.372%
1505 Ge V	0.000248853 ± 24.5827%
1510 Ge V	0.000241844 ± 24.6187%
1515 Ge V	0.000234438 ± 24.8442%
1520 Ge V	0.000227374 ± 24.8909%
1525 Ge V	0.000221045 ± 25.0895%
1530 Ge V	0.000214431 ± 24.8728%
1535 Ge V	0.000208092 ± 25.1043%
1540 Ge V	0.000201748 ± 25.3207%
1545 Ge V	0.000196399 ± 25.5641%
1550 Ge V	0.000190474 ± 25.5213%
1555 Ge V	0.000185188 ± 25.7329%
1560 Ge V	0.000179263 ± 25.6931%
1565 Ge V	0.000174021 ± 25.9111%

SUSY Cross Sections 13 TeV stop to  $\sqrt{s} < \sqrt{s_{\text{LHC}}}$  Physics  $\sqrt{s} < \sqrt{s_{\text{TW}}}$

1570 Ge V	0.000169176 ± 25.8106%
1575 Ge V	0.000163861 ± 26.0597%
1580 Ge V	0.000159583 ± 26.2958%
1585 Ge V	0.000154719 ± 26.195%
1590 Ge V	0.000150506 ± 26.4111%
1595 Ge V	0.000145626 ± 26.3077%
1600 Ge V	0.000141382 ± 26.5291%
1605 Ge V	0.000137131 ± 26.7424%
1610 Ge V	0.000132187 ± 26.668%
1615 Ge V	0.000127929 ± 26.9117%
1620 Ge V	0.000124086 ± 26.7738%
1625 Ge V	0.00011982 ± 27.0483%
1630 Ge V	0.000116042 ± 26.8071%
1635 Ge V	0.000112767 ± 27.127%
1640 Ge V	0.000108936 ± 26.9351%
1645 Ge V	0.000105746 ± 27.1783%
1650 Ge V	0.000102693 ± 27.292%
1655 Ge V	0.000100112 ± 27.4445%
1660 Ge V	9.75763e-05 ± 27.5431%
1665 Ge V	9.52062e-05 ± 27.6946%
1670 Ge V	9.29857e-05 ± 27.7869%
1675 Ge V	9.08285e-05 ± 27.9347%
1680 Ge V	8.87433e-05 ± 28.1539%
1685 Ge V	8.66618e-05 ± 28.3509%
1690 Ge V	8.46535e-05 ± 28.4432%
1695 Ge V	8.27102e-05 ± 28.591%
1700 Ge V	8.07774e-05 ± 28.7497%
1705 Ge V	7.8666e-05 ± 28.8194%
1710 Ge V	7.6572e-05 ± 29.0265%
1715 Ge V	7.45994e-05 ± 29.1193%
1720 Ge V	7.25199e-05 ± 29.3013%
1725 Ge V	7.05189e-05 ± 29.3697%
1730 Ge V	6.85712e-05 ± 29.4972%
1735 Ge V	6.67296e-05 ± 29.6167%
1740 Ge V	6.49184e-05 ± 29.7686%
1745 Ge V	6.30949e-05 ± 29.8524%
1750 Ge V	6.13637e-05 ± 29.9789%
1755 Ge V	5.97301e-05 ± 30.0928%
1760 Ge V	5.80751e-05 ± 30.2585%
1765 Ge V	5.65479e-05 ± 30.366%
1770 Ge V	5.49998e-05 ± 30.5241%
1775 Ge V	5.35686e-05 ± 30.6718%
1780 Ge V	5.20828e-05 ± 30.6799%
1785 Ge V	5.07079e-05 ± 30.9201%
1790 Ge V	4.93948e-05 ± 31.0043%
1795 Ge V	4.80635e-05 ± 31.138%
1800 Ge V	4.67492e-05 ± 31.2291%
1805 Ge V	4.55055e-05 ± 31.4321%
1810 Ge V	4.42835e-05 ± 31.5499%
1815 Ge V	4.30744e-05 ± 31.6302%

SUSYCrossSections13TeVstoppingbottom < LHCPhysics < TWiki

1820 GeV	4.19954e-05 ± 31.7151%
1825 GeV	4.08527e-05 ± 31.9048%
1830 GeV	3.97561e-05 ± 31.9718%
1835 GeV	3.87041e-05 ± 32.2028%
1840 GeV	3.76008e-05 ± 32.268%
1845 GeV	3.66914e-05 ± 32.4529%
1850 GeV	3.56995e-05 ± 32.5039%
1855 GeV	3.47689e-05 ± 32.6767%
1860 GeV	3.38528e-05 ± 32.8878%
1865 GeV	3.29644e-05 ± 32.8975%
1870 GeV	3.20679e-05 ± 32.9608%
1875 GeV	3.12583e-05 ± 33.1541%
1880 GeV	3.04342e-05 ± 33.3117%
1885 GeV	2.96516e-05 ± 33.2866%
1890 GeV	2.88952e-05 ± 33.6279%
1895 GeV	2.81145e-05 ± 33.6845%
1900 GeV	2.73974e-05 ± 33.8247%
1905 GeV	2.66796e-05 ± 33.9708%
1910 GeV	2.59941e-05 ± 33.9526%
1915 GeV	2.52784e-05 ± 34.1137%
1920 GeV	2.46598e-05 ± 34.2714%
1925 GeV	2.39932e-05 ± 34.2328%
1930 GeV	2.33737e-05 ± 34.394%
1935 GeV	2.27623e-05 ± 34.5138%
1940 GeV	2.21454e-05 ± 34.6933%
1945 GeV	2.15924e-05 ± 35.0815%
1950 GeV	2.10232e-05 ± 34.9444%
1955 GeV	2.05211e-05 ± 35.0155%
1960 GeV	1.98996e-05 ± 35.2135%
1965 GeV	1.9408e-05 ± 35.3328%
1970 GeV	1.88974e-05 ± 35.4643%
1975 GeV	1.84612e-05 ± 35.7904%
1980 GeV	1.79562e-05 ± 35.8898%
1985 GeV	1.75673e-05 ± 35.989%
1990 GeV	1.70612e-05 ± 36.0953%
1995 GeV	1.66228e-05 ± 36.4709%
2000 GeV	1.62355e-05 ± 36.5277%

Contact: SanjayPadhi - 13-Jun-2013

This topic: LHCPhysics > SUSYCrossSections13TeVstoppingbottom

Topic revision: r9 - 2019-02-20 - AlexanderMann



Copyright © 2008-2019 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? Send feedback