

SUSYCrossSections7TeVgluglu < LHCPHysics < TWiki

Interactions - gg	Nominal (pb) \pm Uncertainty
200 GeV	686.71 \pm 15.38%
210 GeV	525.375 \pm 15.3228%
220 GeV	405.592 \pm 15.3082%
230 GeV	316.138 \pm 15.2381%
240 GeV	248.588 \pm 15.4234%
250 GeV	197.147 \pm 15.3524%
260 GeV	157.381 \pm 15.2956%
270 GeV	126.242 \pm 15.4013%
280 GeV	102.061 \pm 15.321%
290 GeV	82.9324 \pm 15.2954%
300 GeV	67.7727 \pm 15.2727%
310 GeV	55.6423 \pm 15.2442%
320 GeV	45.8633 \pm 15.3339%
330 GeV	37.9996 \pm 15.3152%
340 GeV	31.6144 \pm 15.2607%
350 GeV	26.3811 \pm 15.152%
360 GeV	22.1078 \pm 15.1235%
370 GeV	18.6183 \pm 15.007%
380 GeV	15.7739 \pm 15.1758%
390 GeV	13.3569 \pm 15.0473%
400 GeV	11.312 \pm 15.3031%
410 GeV	9.65419 \pm 15.4624%
420 GeV	8.26498 \pm 15.6264%
430 GeV	7.07342 \pm 15.8679%
440 GeV	6.06777 \pm 16.0938%
450 GeV	5.23576 \pm 16.2317%
460 GeV	4.53029 \pm 16.3641%
470 GeV	3.93168 \pm 16.52%
480 GeV	3.41682 \pm 16.7332%
490 GeV	2.96401 \pm 16.9943%
500 GeV	2.57471 \pm 17.2337%
510 GeV	2.24603 \pm 17.324%
520 GeV	1.96757 \pm 17.3505%
530 GeV	1.72285 \pm 17.456%
540 GeV	1.50818 \pm 17.5648%
550 GeV	1.32839 \pm 17.6444%
560 GeV	1.16682 \pm 17.8153%
570 GeV	1.03113 \pm 18.0364%
580 GeV	0.9041 \pm 18.356%
590 GeV	0.798946 \pm 18.6058%
600 GeV	0.708282 \pm 18.798%
610 GeV	0.628668 \pm 18.9101%
620 GeV	0.557783 \pm 19.0453%
630 GeV	0.494469 \pm 19.3372%
640 GeV	0.437997 \pm 19.583%
650 GeV	0.389416 \pm 19.5909%
660 GeV	0.346669 \pm 19.5948%
670 GeV	0.309309 \pm 19.7875%
680 GeV	0.276228 \pm 20.0413%

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690 GeV	0.247284 ± 20.1767%
700 GeV	0.220801 ± 20.3607%
710 GeV	0.197476 ± 20.6845%
720 GeV	0.176358 ± 21.0244%
730 GeV	0.157216 ± 21.3505%
740 GeV	0.141118 ± 21.573%
750 GeV	0.126669 ± 21.544%
760 GeV	0.113848 ± 21.8976%
770 GeV	0.102336 ± 22.2753%
780 GeV	0.0919813 ± 22.6291%
790 GeV	0.0825767 ± 22.9014%
800 GeV	0.0742372 ± 23.1465%
810 GeV	0.0669329 ± 23.4873%
820 GeV	0.0603161 ± 23.8363%
830 GeV	0.0542539 ± 24.1319%
840 GeV	0.0488994 ± 24.4629%
850 GeV	0.0441988 ± 24.8589%
860 GeV	0.039913 ± 25.2481%
870 GeV	0.0360318 ± 25.5958%
880 GeV	0.0325317 ± 25.8004%
890 GeV	0.0294761 ± 26.2469%
900 GeV	0.0266846 ± 26.6141%
910 GeV	0.0241501 ± 27.0897%
920 GeV	0.0218999 ± 27.4649%
930 GeV	0.0197574 ± 27.5332%
940 GeV	0.017902 ± 27.6969%
950 GeV	0.016256 ± 28.2727%
960 GeV	0.0147608 ± 28.4955%
970 GeV	0.0133436 ± 28.6031%
980 GeV	0.0120925 ± 29.053%
990 GeV	0.0109694 ± 29.3447%
1000 GeV	0.010005 ± 29.9658%
1010 GeV	0.00910196 ± 30.4554%
1020 GeV	0.00827399 ± 30.8501%
1030 GeV	0.00750995 ± 31.1014%
1040 GeV	0.00681815 ± 31.3751%
1050 GeV	0.00620925 ± 31.7883%
1060 GeV	0.00565936 ± 32.1766%
1070 GeV	0.00515679 ± 32.6654%
1080 GeV	0.00469765 ± 33.1567%
1090 GeV	0.00427254 ± 33.4758%
1100 GeV	0.0038872 ± 33.876%
1110 GeV	0.00354097 ± 34.0442%
1120 GeV	0.00323058 ± 34.5328%
1130 GeV	0.00294578 ± 35.1255%
1140 GeV	0.00268518 ± 35.5241%
1150 GeV	0.0024525 ± 36.0255%
1160 GeV	0.00224185 ± 36.3938%
1170 GeV	0.00204818 ± 36.9158%
1180 GeV	0.00186502 ± 37.5041%

1190 GeV	0.00170481 ± 38.1101%
1200 GeV	0.00155387 ± 38.5875%
1210 GeV	0.00141393 ± 38.4438%
1220 GeV	0.00128925 ± 38.7928%
1230 GeV	0.00117793 ± 39.261%
1240 GeV	0.00107739 ± 39.8584%
1250 GeV	0.000984752 ± 40.3122%
1260 GeV	0.000899159 ± 40.763%
1270 GeV	0.000821609 ± 41.263%
1280 GeV	0.000751039 ± 41.7855%
1290 GeV	0.000686521 ± 42.3056%
1300 GeV	0.000627546 ± 42.6905%
1310 GeV	0.000573612 ± 43.0767%
1320 GeV	0.0005242 ± 43.5575%
1330 GeV	0.00047993 ± 44.0233%
1340 GeV	0.000438376 ± 44.5677%
1350 GeV	0.000400158 ± 45.0371%
1360 GeV	0.000365803 ± 45.5623%
1370 GeV	0.000334723 ± 45.9639%
1380 GeV	0.000306614 ± 46.41%
1390 GeV	0.000280438 ± 46.9459%
1400 GeV	0.000256511 ± 47.3506%
1410 GeV	0.000234156 ± 47.9423%
1420 GeV	0.000213943 ± 48.4201%
1430 GeV	0.000195577 ± 49.0402%
1440 GeV	0.00017871 ± 49.2777%
1450 GeV	0.000163235 ± 50.0097%
1460 GeV	0.000149244 ± 50.3599%
1470 GeV	0.000137 ± 51.0621%
1480 GeV	0.000125074 ± 51.4265%
1490 GeV	0.000114059 ± 51.7895%
1500 GeV	0.000104 ± 52.2002%
1510 GeV	9.51779e-05 ± 52.8091%
1520 GeV	8.71976e-05 ± 53.3689%
1530 GeV	7.96653e-05 ± 53.8866%
1540 GeV	7.28352e-05 ± 54.3822%
1550 GeV	6.66422e-05 ± 54.984%
1560 GeV	6.10247e-05 ± 55.5827%
1570 GeV	5.57513e-05 ± 56.1334%
1580 GeV	5.08628e-05 ± 56.6013%
1590 GeV	4.64415e-05 ± 57.0641%
1600 GeV	4.24235e-05 ± 57.5142%
1610 GeV	3.87584e-05 ± 57.9813%
1620 GeV	3.54176e-05 ± 58.5134%
1630 GeV	3.23165e-05 ± 59.2289%
1640 GeV	2.95128e-05 ± 59.9254%
1650 GeV	2.69595e-05 ± 60.4233%
1660 GeV	2.46327e-05 ± 60.7883%
1670 GeV	2.25482e-05 ± 61.3548%
1680 GeV	2.06525e-05 ± 62.012%

1690 GeV	1.88292e-05 ± 62.4697%
1700 GeV	1.71141e-05 ± 62.8347%
1710 GeV	1.56124e-05 ± 63.3687%
1720 GeV	1.42946e-05 ± 64.0297%
1730 GeV	1.30559e-05 ± 64.62%
1740 GeV	1.19224e-05 ± 65.1976%
1750 GeV	1.09117e-05 ± 65.8462%
1760 GeV	9.90654e-06 ± 66.2128%
1770 GeV	9.0191e-06 ± 66.7496%
1780 GeV	8.21824e-06 ± 67.2244%
1790 GeV	7.50189e-06 ± 67.7902%
1800 GeV	6.84682e-06 ± 68.257%
1810 GeV	6.22294e-06 ± 68.7407%
1820 GeV	5.65933e-06 ± 69.2895%
1830 GeV	5.15833e-06 ± 69.8641%
1840 GeV	4.70566e-06 ± 70.3636%
1850 GeV	4.29375e-06 ± 70.8532%
1860 GeV	3.91302e-06 ± 71.485%
1870 GeV	3.55463e-06 ± 72.0262%
1880 GeV	3.22902e-06 ± 72.4824%
1890 GeV	2.93885e-06 ± 73.1105%
1900 GeV	2.67615e-06 ± 73.5061%
1910 GeV	2.43258e-06 ± 73.9748%
1920 GeV	2.21505e-06 ± 74.5532%
1930 GeV	2.01346e-06 ± 75.0526%
1940 GeV	1.82314e-06 ± 75.45%
1950 GeV	1.65608e-06 ± 75.9728%
1960 GeV	1.5106e-06 ± 76.577%
1970 GeV	1.36562e-06 ± 76.978%
1980 GeV	1.24072e-06 ± 77.4705%
1990 GeV	1.12625e-06 ± 77.9387%
2000 GeV	1.02497e-06 ± 78.4708%

-- SanjayPadhi - 03-Jun-2012

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