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# NLO-NLL hino-like chargino-neutralino ( $\chi$ ) cross sections

The following cross sections are for hino-like chargino-neutralino pair production (sum of  $\chi_1^+ \chi_2^0$  and  $\chi_1^0 \chi_2^+$ , and also for each subprocess individually). They have been calculated for  $\sqrt{s} = 13$  TeV at NLO-NLL using the resumino code from B. Fuks et al with CTEQ6.6 and MSTW2008nlo90cl PDFs. The calculation assumes the chargino and neutralino are degenerate, with mass denoted below as  $m_{\chi}$ . Final numbers are calculated using the PDF4LHC recommendations for the two sets of cross sections.

The following sentence accurately describes all the assumptions in the cross sections calculation and is suitable to be included in the interpretation description:

The production cross sections are computed at NLO plus next-to-leading-log (NLL) precision in a limit of mass-degenerate higgsino  $\chi_2$ ,  $\chi_{1pm}$ , and  $\chi_1$  with all the other sparticles assumed to be heavy and decoupled.

The slha file used to produce these numbers can found in the attachment below: hino.dat

When using these cross sections, please cite the following two references, available below in bibtex format:

Show References  Hide References

```
@article{Fuks:2012qx,
  author      = "Fuks, Benjamin and Klasen, Michael and Lamprea, David R.
                and Rothering, Marcel",
  title       = "{Gaugino production in proton-proton collisions at a
                center-of-mass energy of 8 TeV}",
  journal     = "JHEP",
  volume      = "10",
  pages       = "081",
  doi         = "10.1007/JHEP10(2012)081",
  year        = "2012",
  eprint      = "1207.2159",
  archivePrefix = "arXiv",
  primaryClass = "hep-ph",
  reportNumber = "IPHC-PHENO-12-07, MS-TP-12-05",
  SLACcitation = "%%CITATION = ARXIV:1207.2159;%%",
}
```

```
@article{Fuks:2013vua,
  author      = "Fuks, Benjamin and Klasen, Michael and Lamprea, David R.
                and Rothering, Marcel",
  title       = "{Precision predictions for electroweak superpartner
                production at hadron colliders with {\sc Resumino}}",
  journal     = "Eur. Phys. J. C",
  volume      = "73",
  pages       = "2480",
  doi         = "10.1140/epjc/s10052-013-2480-0",
  year        = "2013",
  eprint      = "1304.0790",
  archivePrefix = "arXiv",
  primaryClass = "hep-ph",
  reportNumber = "CERN-PH-TH-2013-064, IPhC-PHENO-13-02, MS-TP-13-06",
  SLACcitation = "%%CITATION = ARXIV:1304.0790;%%",
}
```

Should the analyzer need the cross-section information for a mass value that is not tabulated below, s/he can obtain it using the ROOT macros provided under:

/afs/cern.ch/user/a/amete/public/EWKGauginoCrossSections\_13TeV

For this specific grid one needs to do:

```
root -l 'get_gaugino.C("C1N2", "hino", mass)'
```

where

mass

is the mass of the sparticle in GeV. The result of the interpolation can be seen here.

## Envelope of CTEQ6.6 and MSTW2008nlo90c NLO-NLL hino-like $^{+1}_1$ $^0_2$ and $^{-1}_1$ $^0_2$

m [GeV]	xsec [fb]	uncertainty [fb]
80	13037.91	601.322
100	5325.95	191.047
125	2355.59	88.5068
150	1215.47	49.5956
175	693.104	30.2898
200	424.166	20.1252
225	273.466	13.7917
250	183.689	9.91401
275	127.471	7.29273
300	90.8167	5.48175
325	66.1949	4.21492
350	49.1579	3.27086
375	37.1052	2.59994
400	28.423	2.08121
425	22.0262	1.67896
450	17.2696	1.36074
475	13.6457	1.11821
500	10.8865	0.923598
525	8.761	0.768185
550	7.08913	0.641762
575	5.76587	0.535553
600	4.73741	0.454855
625	3.89352	0.384183
650	3.22106	0.320722
675	2.68671	0.275617
700	2.23385	0.233891
725	1.87634	0.199351
750	1.58082	0.170376
775	1.3232	0.145489
800	1.12392	0.130506
825	0.94237	0.106692
850	0.810952	0.0964175
875	0.684339	0.082671
900	0.58695	0.0707011
925	0.501398	0.0589374

950	0.431228	0.0544187
975	0.371456	0.0516039
1000	0.311324	0.041882
1025	0.266049	0.0330277
1050	0.236496	0.0298371
1075	0.20709	0.0290054
1100	0.17535	0.0253133
1125	0.155963	0.0236533
1150	0.130143	0.0152935
1175	0.116732	0.0184681
1200	0.0957498	0.0168516
1225	0.0859254	0.0158738
1250	0.0803461	0.0105191
1275	0.0703178	0.00972415
1300	0.0502516	0.00687453
1325	0.050112	0.00682866
1350	0.0311342	0.00500265
1375	0.0299707	0.00393035
1400	0.020026	0.00277541
1425	0.02	0.00291342
1450	0.0200264	0.00295792
1475	0.0200743	0.00319031
1500	0.0100552	0.00183217

## CTEQ6.6 numbers

Sum of NLO-NLL hino-like  $^+_1$   $^0_2$  and  $^-_1$   $^0_2$

m [GeV]	xsec [fb]	-scale unc [%]	-pdf unc [%]	+scale unc [%]	+pdf unc [%]
80	13006.3	-2.9	-3.3	0.62	3.2
100	5320.7	-1.1	-3.3	0.49	3.2
125	2348.3	-0.56	-3.4	0.29	3.4
150	1209.9	-0.5	-3.6	0.13	3.5
175	688.92	-0.6	-3.7	0.24	3.7
200	420.98	-0.63	-4	0.4	3.9
225	271.11	-0.63	-4.2	0.53	4.1
250	181.86	-0.63	-4.4	0.63	4.3
275	126.01	-0.53	-4.6	0.77	4.5
300	89.68	-0.43	-4.8	0.87	4.7
325	65.27	-0.43	-5	0.93	4.9
350	48.42	-0.36	-5.2	1	5.1
375	36.51	-0.39	-5.5	1.1	5.3
400	27.93	-0.39	-5.7	1.1	5.5
425	21.62	-0.46	-5.9	1.2	5.6
450	16.92	-0.36	-6	1.3	5.9
475	13.37	-0.36	-6.3	1.3	6.1
500	10.66	-0.56	-6.5	1.2	6.3
525	8.57	-0.56	-6.7	1.2	6.5
550	6.93	-0.63	-6.9	1.3	6.6
575	5.64	-0.56	-7.2	1.1	6.7

600	4.62	-0.53	-7.3	1.1	6.9
625	3.8	-0.6	-7.6	1.2	7.1
650	3.14	-0.61	-7.6	1.2	7.4
675	2.62	-0.79	-7.9	1.3	7.5
700	2.17	-0.76	-7.8	1.2	8
725	1.83	-0.83	-8.3	1	7.9
750	1.54	-0.83	-8.4	0.92	8.2
775	1.29	-0.83	-8.7	0.95	8.2
800	1.09	-0.85	-8.8	0.97	8.4
825	0.92	-0.85	-9.1	0.93	8.5
850	0.79	-0.9	-9.5	0.85	8.5
875	0.67	-0.87	-10	0.88	8.6
900	0.57	-0.92	-9.4	1.1	9.3
925	0.49	-0.9	-9.7	1.2	9.3
950	0.42	-0.75	-10	0.87	9.4
975	0.36	-1	-11	0.47	8.9
1000	0.3	-1	-10	0.85	10
1025	0.26	-1	-10	0.78	10
1050	0.23	-1	-10	1.2	11
1075	0.2	-0.95	-11	1	11
1100	0.17	-1.1	-12	0.9	10
1125	0.15	-1	-12	0.85	11
1150	0.13	-0.97	-12	1.1	11
1175	0.11	-1	-11	1.5	14
1200	0.09	-1	-12	1	12
1225	0.08	-1	-12	1	12
1250	0.08	-1.1	-13	0.92	13
1275	0.07	-1.4	-13	0.71	13
1300	0.05	-1.1	-13	1	13
1325	0.05	-1.1	-13	0.94	14
1350	0.03	-1.2	-12	1	12
1375	0.03	-1.4	-12	1	12
1400	0.02	-1.3	-12	1.2	13
1425	0.02	-1.4	-13	1.4	13
1450	0.02	-1.4	-13	1.3	14
1475	0.02	-1.5	-14	1.1	14
1500	0.01	-0.4	-13	1.4	14

**NLO-NLL hino-like**  $+1$   $0_2$

m [GeV]	xsec [fb]	-scale unc [%]	-pdf unc [%]	+scale unc [%]	+pdf unc [%]
80	7928.6	-3.0	-3.1	0.7	3.1
100	3293.9	-1.1	-3.2	0.6	3.1
125	1477.7	-0.6	-3.3	0.4	3.2
150	772.06	-0.5	-3.5	0.2	3.3
175	445.01	-0.6	-3.6	0.2	3.5
200	274.96	-0.6	-3.8	0.4	3.6
225	178.85	-0.6	-4	0.6	3.8
250	121.11	-0.6	-4.2	0.7	3.9
275	84.67	-0.5	-4.4	0.8	4

SUSYCrossSections13TeVn2x1hino < LHCPhysics < TWiki

300	60.76	-0.4	-4.6	0.9	4.2
325	44.56	-0.4	-4.8	0.9	4.3
350	33.3	-0.3	-5	1	4.4
375	25.28	-0.3	-5.2	1.1	4.6
400	19.46	-0.3	-5.4	1.1	4.7
425	15.16	-0.4	-5.6	1.2	4.8
450	11.93	-0.3	-5.7	1.3	5
475	9.48	-0.3	-6	1.3	5.2
500	7.6	-0.5	-6.2	1.3	5.4
525	6.14	-0.5	-6.4	1.2	5.5
550	4.99	-0.6	-6.6	1.3	5.6
575	4.08	-0.5	-6.8	1.1	5.7
600	3.35	-0.5	-6.9	1.1	5.8
625	2.77	-0.6	-7.3	1.2	5.9
650	2.3	-0.5	-7.1	1.3	6.2
675	1.92	-0.6	-7.4	1.4	6.4
700	1.6	-0.6	-7.3	1.3	6.8
725	1.35	-0.7	-7.9	1.1	6.6
750	1.14	-0.8	-7.8	1	7
775	0.96	-0.8	-8	1.1	7.1
800	0.81	-0.8	-8.1	1.1	7.2
825	0.69	-0.8	-8.5	0.9	7.3
850	0.59	-0.9	-8.8	0.9	7.3
875	0.5	-0.9	-9.5	0.8	7.3
900	0.43	-0.8	-8.4	1.2	8.2
925	0.37	-0.8	-8.8	1.3	8
950	0.32	-0.7	-9.8	0.7	7.5
975	0.27	-0.9	-10.5	0.3	7.2
1000	0.23	-1	-9.1	0.9	9.1
1025	0.2	-1	-9.3	0.8	9.3
1050	0.17	-1	-8.7	1.4	9.9
1075	0.15	-0.8	-10.6	0.8	8.7
1100	0.13	-1	-10.8	0.9	9
1125	0.11	-1.1	-10.6	0.8	9.6
1150	0.1	-0.9	-10.4	1.1	10
1175	0.08	-1	-8.6	1.7	12.8
1200	0.07	-1	-11	1	10.7
1225	0.06	-1	-11	1	10.9
1250	0.06	-1.1	-11.2	1	11.2
1275	0.05	-1.6	-11.8	0.6	11.2
1300	0.04	-1.2	-12.1	1	11.6
1325	0.04	-1.2	-12.1	0.9	12
1350	0.03	-1.2	-12.2	1	12.5
1375	0.03	-1.4	-12.5	1	12
1400	0.02	-1.3	-12.3	1.2	12.6
1425	0.02	-1.4	-13.2	1.4	13.2
1450	0.02	-1.4	-13.3	1.3	13.6
1475	0.02	-1.5	-14.3	1.1	13.5
1500	0.01	-0.4	-13.1	1.4	14.5

**NLO-NLL hino-like**  $^{-1} \quad 0$   
 $1 \quad 2$

m [GeV]	xsec [fb]	-scale unc [%]	-pdf unc [%]	+scale unc [%]	+pdf unc [%]
80	5077.7	-2.8	-3.5	0.5	3.3
100	2026.8	-1.1	-3.5	0.3	3.4
125	870.57	-0.5	-3.6	0.1	3.7
150	437.89	-0.5	-3.8	0	3.9
175	243.91	-0.6	-4	0.3	4.2
200	146.02	-0.7	-4.3	0.4	4.5
225	92.26	-0.7	-4.5	0.4	4.8
250	60.75	-0.7	-4.8	0.5	5.1
275	41.34	-0.6	-5	0.7	5.4
300	28.92	-0.5	-5.3	0.8	5.8
325	20.71	-0.5	-5.5	1	6.1
350	15.12	-0.5	-5.7	1.1	6.5
375	11.23	-0.6	-6.1	1.2	6.8
400	8.47	-0.6	-6.3	1.2	7.2
425	6.46	-0.6	-6.5	1.2	7.4
450	4.99	-0.5	-6.6	1.3	8
475	3.89	-0.5	-7	1.3	8.2
500	3.06	-0.7	-7.3	1.1	8.5
525	2.43	-0.7	-7.5	1.3	9
550	1.94	-0.7	-7.8	1.3	9.2
575	1.56	-0.7	-8.4	1.2	9.2
600	1.27	-0.6	-8.3	1.2	9.7
625	1.03	-0.6	-8.5	1.2	10.2
650	0.84	-0.9	-9	1.1	10.5
675	0.7	-1.3	-9.4	1	10.4
700	0.57	-1.2	-9.2	1.1	11.2
725	0.48	-1.2	-9.5	0.9	11.4
750	0.4	-0.9	-10	0.7	11.6
775	0.33	-0.9	-10.6	0.5	11.5
800	0.28	-1	-10.9	0.6	11.8
825	0.23	-1	-11	1	12
850	0.2	-0.9	-11.6	0.7	12.2
875	0.17	-0.8	-12.1	1.1	12.3
900	0.14	-1.3	-12.4	0.7	12.6
925	0.12	-1.2	-12.3	0.9	13.4
950	0.1	-0.9	-11.7	1.4	15.4
975	0.09	-1.4	-12.9	1	14.1
1000	0.07	-1.1	-13.5	0.7	14
1025	0.06	-1.1	-13.7	0.7	14.3
1050	0.06	-1.1	-14	0.7	14
1075	0.05	-1.4	-11.8	1.7	17.7
1100	0.04	-1.4	-14.5	0.9	14.8
1125	0.04	-0.9	-14.8	1	15.6
1150	0.03	-1.2	-15.5	1	15.4
1175	0.03	-1.1	-15.8	1.1	16.4
1200	0.02	-1	-16.5	1.1	16.5
1225	0.02	-1.2	-16.2	1	17.3

1250	0.02	-1.3	-16.7	0.7	17.7
1275	0.02	-0.8	-16.9	1	18.4
1300	0.01	-0.7	-16.5	1.2	20
1325	0.01	-0.7	-17	1.1	20.2

## MSTW2008nlo90cl numbers

Sum of NLO-NLL hino-like  $^+_1$   $^0_2$  and  $^-_1$   $^0_2$

m [GeV]	xsec [fb]	-scale unc [%]	-pdf unc [%]	+scale unc [%]	+pdf unc [%]
80	13182.1	-3.0	-3.3	0.66	3.5
100	5333.8	-1.2	-3.3	0.49	3.4
125	2361.8	-0.56	-3.3	0.29	3.5
150	1220.5	-0.5	-3.5	0.19	3.6
175	697.03	-0.6	-3.6	0.23	3.8
200	427.1	-0.63	-3.7	0.4	4
225	275.85	-0.7	-3.9	0.53	4.1
250	185.49	-0.63	-4	0.63	4.3
275	128.86	-0.6	-4.2	0.77	4.5
300	91.93	-0.5	-4.3	0.87	4.7
325	67.06	-0.43	-4.4	1	4.9
350	49.84	-0.36	-4.6	1.1	5.1
375	37.66	-0.39	-4.7	1.2	5.3
400	28.87	-0.46	-4.8	1.3	5.5
425	22.39	-0.46	-5	1.3	5.7
450	17.56	-0.36	-5	1.4	5.9
475	13.89	-0.36	-5.2	1.3	6.2
500	11.09	-0.48	-5.4	1.2	6.4
525	8.92	-0.48	-5.3	1.4	6.7
550	7.23	-0.55	-5.5	1.3	6.8
575	5.89	-0.63	-5.8	1.3	6.9
600	4.84	-0.6	-5.9	1.3	7.2
625	3.98	-0.75	-5.9	1.1	7.4
650	3.29	-0.83	-6.1	0.95	7.6
675	2.75	-0.93	-6.2	0.93	7.7
700	2.28	-0.82	-6.2	1.2	8.2
725	1.92	-0.83	-6.7	0.97	8.1
750	1.61	-0.75	-6.4	1.2	8.7
775	1.35	-0.82	-6.7	1	8.7
800	1.15	-0.77	-6.9	0.98	9
825	0.96	-0.77	-6.9	1.1	9.2
850	0.83	-0.82	-7.3	1	9.3
875	0.7	-0.8	-7.4	0.95	9.5
900	0.6	-0.76	-7.5	0.93	9.6
925	0.51	-0.97	-7.9	0.82	9.8
950	0.44	-1.1	-7.9	0.94	10
975	0.38	-1.4	-8.3	0.77	11
1000	0.32	-1	-8.5	0.54	10
1025	0.27	-1.1	-8.4	0.54	11
1050	0.24	-1.2	-8.8	0.7	11



1075	0.21	-1.1	-8.1	1.2	12
1100	0.18	-1.2	-8.7	0.74	11
1125	0.16	-1.1	-9.2	0.92	12
1150	0.13	-1.2	-9.7	0.92	12
1175	0.12	-1.3	-10	1	13
1200	0.1	-1.4	-10	1	13
1225	0.09	-1.4	-10	0.92	13
1250	0.08	-1.4	-11	0.92	14
1275	0.07	-1.2	-11	1.1	14
1300	0.05	-1.5	-11	0.96	14
1325	0.05	-1.6	-13	0.22	13
1350	0.03	-1.2	-5.4	3.8	20
1375	0.03	-2.3	-12	0.3	13
1400	0.02	-1.8	-12	0.7	13
1425	0.02	-1.3	-12	0.9	14
1450	0.02	-2	-12	1	14
1475	0.02	-1.8	-12	2	16
1500	0.01	-1.7	-12	2.4	17

**NLO-NLL hino-like**  $+1 \quad 0 \quad 2$

m [GeV]	xsec [fb]	-scale unc [%]	-pdf unc [%]	+scale unc [%]	+pdf unc [%]
80	7916.7	-3.1	-3.2	0.8	3.4
100	3307.0	-1.2	-3.2	0.6	3.4
125	1491.2	-0.6	-3.2	0.4	3.4
150	782.64	-0.5	-3.3	0.3	3.5
175	453.12	-0.6	-3.4	0.2	3.6
200	281.08	-0.6	-3.4	0.4	3.8
225	183.59	-0.7	-3.6	0.6	3.8
250	124.74	-0.6	-3.6	0.7	4
275	87.52	-0.6	-3.8	0.8	4.1
300	63.01	-0.5	-3.9	0.9	4.2
325	46.35	-0.4	-4	1	4.4
350	34.72	-0.3	-4.1	1.1	4.5
375	26.43	-0.3	-4.2	1.2	4.7
400	20.4	-0.4	-4.3	1.3	4.9
425	15.93	-0.4	-4.4	1.3	5.1
450	12.57	-0.3	-4.5	1.4	5.2
475	10	-0.3	-4.6	1.3	5.4
500	8.03	-0.4	-4.7	1.3	5.6
525	6.49	-0.4	-4.6	1.4	5.9
550	5.29	-0.5	-4.8	1.3	6
575	4.33	-0.6	-5	1.3	6.1
600	3.57	-0.6	-5.1	1.3	6.3
625	2.95	-0.8	-5.1	1	6.5
650	2.45	-0.8	-5.3	0.9	6.7
675	2.05	-0.8	-5.3	0.9	6.8
700	1.71	-0.7	-5.3	1.2	7.2
725	1.44	-0.7	-5.9	1	7
750	1.21	-0.7	-5.4	1.3	7.8

775	1.02	-0.8	-5.6	1.2	7.9
800	0.87	-0.7	-5.8	1.1	8.2
825	0.73	-0.7	-5.8	1.1	8.4
850	0.63	-0.8	-6.1	1.1	8.4
875	0.53	-0.8	-6.1	0.9	8.7
900	0.46	-0.6	-6.1	1	8.7
925	0.39	-0.9	-6.7	0.8	8.8
950	0.34	-1.1	-6.9	0.8	8.9
975	0.29	-1.4	-7.1	0.7	10.5
1000	0.25	-1	-7.3	0.5	9.4
1025	0.21	-1.1	-7	0.5	9.8
1050	0.18	-1.2	-7.3	0.7	10
1075	0.16	-1	-7.1	1	10.8
1100	0.14	-1.2	-7.2	0.7	10.5
1125	0.12	-1.1	-7.6	0.9	11.1
1150	0.1	-1.2	-8.1	0.9	10.8
1175	0.09	-1.4	-8.3	1	11.4
1200	0.08	-1.5	-8.5	1	11.6
1225	0.07	-1.5	-8.7	0.9	11.9
1250	0.06	-1.5	-9.1	1	12.2
1275	0.05	-1.3	-9.3	1.2	12.7
1300	0.04	-1.7	-9.8	0.9	12.8
1325	0.04	-1.8	-12.6	0	11.3
1350	0.03	-1.2	-5.4	3.8	20.1
1375	0.03	-2.3	-12	0.3	13
1400	0.02	-1.8	-11.7	0.7	13.4
1425	0.02	-1.3	-11.9	0.9	14.3
1450	0.02	-2	-12.3	1	14.3
1475	0.02	-1.8	-12.3	2	16.2
1500	0.01	-1.7	-12.5	2.4	17.3

**NLO-NLL hino-like**  $^{-1} \quad ^0_2$

m [GeV]	xsec [fb]	-scale unc [%]	-pdf unc [%]	+scale unc [%]	+pdf unc [%]
80	5265.4	-2.9	-3.5	0.5	3.5
100	2026.8	-1.1	-3.5	0.3	3.4
125	870.57	-0.5	-3.6	0.1	3.6
150	437.89	-0.5	-3.8	0	3.9
175	243.91	-0.6	-4	0.3	4.1
200	146.02	-0.7	-4.2	0.4	4.4
225	92.26	-0.7	-4.5	0.4	4.7
250	60.75	-0.7	-4.7	0.5	5
275	41.34	-0.6	-4.9	0.7	5.4
300	28.92	-0.5	-5.2	0.8	5.7
325	20.71	-0.5	-5.4	1	6
350	15.12	-0.5	-5.6	1.1	6.4
375	11.23	-0.6	-5.9	1.2	6.7
400	8.47	-0.6	-6.1	1.2	7
425	6.46	-0.6	-6.4	1.2	7.3
450	4.99	-0.5	-6.4	1.3	7.8

SUSYCrossSections13TeVn2x1hino < LHCPHysics < TWiki

475	3.89	-0.5	-6.8	1.3	8.1
500	3.06	-0.7	-7.1	1.1	8.4
525	2.43	-0.7	-7.2	1.3	8.8
550	1.94	-0.7	-7.5	1.3	9
575	1.56	-0.7	-8	1.2	9
600	1.27	-0.6	-8	1.2	9.6
625	1.03	-0.6	-8.2	1.2	10
650	0.84	-0.9	-8.6	1.1	10.2
675	0.7	-1.3	-9	1	10.2
700	0.57	-1.2	-8.8	1.1	11
725	0.48	-1.2	-9	0.9	11.2
750	0.4	-0.9	-9.6	0.7	11.4
775	0.33	-0.9	-10.1	0.5	11.3
800	0.28	-1	-10.5	0.6	11.6
825	0.23	-1	-10.5	1	11.8
850	0.2	-0.9	-11.1	0.7	12
875	0.17	-0.8	-11.6	1.1	12.1
900	0.14	-1.3	-11.9	0.7	12.4
925	0.12	-1.2	-11.7	0.9	13.2
950	0.1	-0.9	-11.3	1.4	15.2
975	0.09	-1.4	-12.3	1	13.9
1000	0.07	-1.1	-12.9	0.7	13.8
1025	0.06	-1.1	-13.2	0.7	14.1
1050	0.06	-1.1	-13.5	0.7	13.8
1075	0.05	-1.4	-11.3	1.7	17.4
1100	0.04	-1.4	-13.9	0.9	14.8
1125	0.04	-0.9	-14.2	1	15.6
1150	0.03	-1.2	-15	1	15.3
1175	0.03	-1.1	-15.2	1.1	16.3
1200	0.02	-1	-15.9	1.1	16.4
1225	0.02	-1.2	-15.6	1	17.2
1250	0.02	-1.3	-16.1	0.7	17.6
1275	0.02	-0.8	-16.2	1	18.3
1300	0.01	-0.7	-15.9	1.2	19.9
1325	0.01	-0.7	-16.3	1.1	20.1

-- LesyaShchutka - 2015-02-11

This topic: LHCPHysics > SUSYCrossSections13TeVn2x1hino

Topic revision: r10 - 2017-07-28 - BasilSchneider



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