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NLO-NLL wino-like chargino-pair cross sections

The following cross sections are for pure wino-like chargino-pair production ($\chi^+ \chi^-$) with chargino mass m_{χ} . They have been calculated for $\sqrt{s} = 8$ TeV at NLO-NLL using the resummino code from B. Fuks et al with CTEQ6.6 PDFs.

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

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```
@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      = "1210",
  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;%%",
}
```

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@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 Resummino}",
  journal     = "Eur.Phys.J.",
  volume      = "C73",
  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;%%",
}
```

mchi	xsec [fb]	uncertainty [fb]
100	5823.4	201.055
105	4891.13	178.509
110	4108.1	149.932
115	3450.43	125.929
120	2898.05	105.769
125	2434.1	88.8363
130	2111.13	83.008
135	1831.02	71.9941
140	1588.07	62.4415
145	1377.35	54.1565
150	1194.6	46.9707
155	1057.56	44.7311

160	936.239	39.5997
165	828.836	35.0569
170	733.754	31.0353
175	649.58	27.475
180	583.296	26.3518
185	523.776	23.6628
190	470.329	21.2482
195	422.336	19.08
200	379.24	17.1331
205	344.156	17.2936
210	312.318	15.6938
215	283.424	14.2419
220	257.204	12.9244
225	233.41	11.7287
230	213.615	10.9278
235	195.5	10.0011
240	178.92	9.15295
245	163.747	8.37673
250	149.86	7.66633
255	138.011	7.61063
260	127.098	7.00885
265	117.048	6.45466
270	107.793	5.94429
275	99.27	5.47427
280	91.9027	5.42537
285	85.0821	5.02273
290	78.7677	4.64996
295	72.9219	4.30486
300	67.51	3.98538
305	62.7854	3.83197
310	58.3914	3.56379
315	54.305	3.31438
320	50.5045	3.08243
325	46.97	2.86671
330	43.8423	2.80728
335	40.9228	2.62034
340	38.1978	2.44585
345	35.6542	2.28298
350	33.28	2.13096
355	31.1607	2.18147
360	29.1764	2.04256
365	27.3185	1.91249
370	25.5789	1.7907
375	23.95	1.67667
380	22.4958	1.57487
385	21.1299	1.47925
390	19.847	1.38943
395	18.6419	1.30507
400	17.51	1.19184
405	16.4797	1.23696

410	15.51	1.16418
415	14.5973	1.09568
420	13.7384	1.0312
425	12.93	0.970526
430	12.1976	0.91685
435	11.5067	0.864917
440	10.8549	0.815924
445	10.24	0.769707
450	9.66	0.726108
455	9.12868	0.717865
460	8.62658	0.678381
465	8.1521	0.641068
470	7.70372	0.605808
475	7.28	0.572488
480	6.89049	0.561564
485	6.52182	0.531519
490	6.17288	0.50308
495	5.8426	0.476163
500	5.53	0.450687
505	5.24141	0.430945
510	4.96788	0.408455
515	4.70863	0.38714
520	4.4629	0.366936
525	4.23	0.347787
530	4.01528	0.33123
535	3.81146	0.314416
540	3.61798	0.298456
545	3.43433	0.283306
550	3.26	0.268925
555	3.09638	0.28823
560	2.94097	0.273763
565	2.79336	0.260023
570	2.65316	0.246972
575	2.52	0.234577
580	2.39647	0.226539
585	2.27899	0.215434
590	2.16727	0.204873
595	2.06103	0.19483
600	1.96	0.18528
605	1.86771	0.176989
610	1.77976	0.168655
615	1.69596	0.160714
620	1.6161	0.153146
625	1.54	0.145935
630	1.46748	0.143258
635	1.39838	0.136513
640	1.33254	0.130085
645	1.26979	0.123959
650	1.21	0.118122
655	1.15527	0.112779

660	1.10301	0.107678
665	1.05312	0.102807
670	1.00548	0.0981568
675	0.96	0.0910989
680	0.916178	0.0922751
685	0.874356	0.0880629
690	0.834443	0.0840429
695	0.796352	0.0802065
700	0.76	0.0765452
705	0.724905	0.0762771
710	0.691431	0.0727548
715	0.659502	0.0693952
720	0.629048	0.0661907
725	0.6	0.0631341
730	0.573812	0.0613522
735	0.548766	0.0586744
740	0.524814	0.0561134
745	0.501907	0.0536642
750	0.48	0.0513219
755	0.460475	0.0511853
760	0.441744	0.0491032
765	0.423775	0.0471058
770	0.406537	0.0451896
775	0.39	0.0433514
780	0.372498	0.0468134
785	0.355782	0.0447126
790	0.339815	0.042706
795	0.324565	0.0407895
800	0.31	0.038959
805	0.296946	0.0373184
810	0.284442	0.035747
815	0.272464	0.0342417
820	0.26099	0.0327997
825	0.25	0.0282179
830	0.239088	0.0281455
835	0.228653	0.026917
840	0.218672	0.0257421
845	0.209128	0.0246185
850	0.2	0.023544
855	0.19127	0.0244834
860	0.182922	0.0234147
865	0.174938	0.0223927
870	0.167302	0.0214153
875	0.16	0.0204806
880	0.153492	0.0214762
885	0.147248	0.0206026
890	0.141258	0.0197646
895	0.135512	0.0189606
900	0.13	0.0181893
905	0.125728	0.0175916

910	0.121597	0.0170136
915	0.117602	0.0164545
920	0.113737	0.0159139
925	0.11	0.0149187
930	0.105673	0.0160574
935	0.101516	0.0154257
940	0.097522	0.0148189
945	0.0936855	0.0142359
950	0.09	0.0136759
955	0.0855881	0.0143587
960	0.0813926	0.0136548
965	0.0774027	0.0129854
970	0.0736083	0.0123489
975	0.07	0.0117435
980	0.0678748	0.011387
985	0.0658142	0.0110413
990	0.0638161	0.0107061
995	0.0618786	0.010381
1000	0.06	0.00894543

-- BenHooberman - 31 Dec 2013

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