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# NLO-NLL electroweak SUSY production cross sections

The following cross sections are calculated for  $\sqrt{s} = 8$  TeV at NLO-NLL using the resummino code from B. Fuks et al with CTEQ6.6 PDFs.

Cross sections are based on the following references:

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[1] B. Fuks, M. Klasen, D. R. Lamprea and M. Rothering, "Gaugino production in proton-proton collisions at a center-of-mass energy of 8 TeV", JHEP 1210 (2012) 081, [arXiv:1207.2159 [hep-ph]].

[2] B. Fuks, M. Klasen, D. R. Lamprea and M. Rothering, "Precision predictions for electroweak superpartner production at hadron collider with Resummino", Eur. Phys. J. C73 (2013) 2480, [arXiv:1304.0790 [hep-ph]].

[3] B. Fuks, M. Klasen, D. R. Lamprea and M. Rothering, "Revisiting slepton pair production at the Large Hadron Collider", arXiv:1310.2621 [hep-ph].

Further details, including the reference information in bibtex format, are listed in these twiki's:

- Wino-like chargino-neutralino cross sections
- Wino-like chargino-pair cross sections
- Slepton-pair production
- Higgsino-pair production

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