

# Table of cross sections limit in fb for i2HDM Model double production channel

Chargino Mass (GeV)

Lifetime (ns)

	100	200	300	400	500	600
0.01	1.44e+05	6.75e+05	1.91e+06	7.97e+06	1.08e+07	9.35e+06
0.02	7.07e+03	1.33e+04	2.48e+04	4.86e+04	9.42e+04	1.49e+05
0.03	1.78e+03	2.55e+03	3.58e+03	5.99e+03	9.00e+03	1.18e+04
0.04	8.00e+02	9.07e+02	1.17e+03	1.74e+03	2.33e+03	3.09e+03
0.05	4.71e+02	4.66e+02	5.55e+02	7.43e+02	9.43e+02	1.13e+03
0.06	3.24e+02	2.90e+02	3.25e+02	4.04e+02	4.90e+02	5.60e+02
0.07	2.43e+02	2.01e+02	2.14e+02	2.54e+02	2.95e+02	3.24e+02
0.08	1.96e+02	1.51e+02	1.56e+02	1.76e+02	1.99e+02	2.15e+02
0.09	1.65e+02	1.20e+02	1.20e+02	1.31e+02	1.45e+02	1.53e+02
0.1	1.43e+02	9.97e+01	9.65e+01	1.03e+02	1.11e+02	1.16e+02
0.2	7.82e+01	4.27e+01	3.52e+01	3.26e+01	3.16e+01	3.03e+01
0.3	6.83e+01	3.33e+01	2.57e+01	2.26e+01	2.09e+01	1.94e+01
0.4	6.68e+01	3.08e+01	2.28e+01	1.94e+01	1.75e+01	1.60e+01
0.5	6.81e+01	3.02e+01	2.18e+01	1.82e+01	1.61e+01	1.46e+01
0.6	7.08e+01	3.05e+01	2.16e+01	1.78e+01	1.56e+01	1.40e+01
0.7	7.42e+01	3.11e+01	2.18e+01	1.78e+01	1.55e+01	1.38e+01
0.8	7.76e+01	3.22e+01	2.23e+01	1.80e+01	1.56e+01	1.38e+01
0.9	8.15e+01	3.32e+01	2.29e+01	1.84e+01	1.58e+01	1.39e+01
1.0	8.56e+01	3.46e+01	2.36e+01	1.89e+01	1.61e+01	1.42e+01
2.0	1.29e+02	4.93e+01	3.27e+01	2.54e+01	2.13e+01	1.84e+01
3.0	1.74e+02	6.50e+01	4.26e+01	3.27e+01	2.73e+01	2.34e+01
4.0	2.19e+02	8.06e+01	5.27e+01	4.03e+01	3.35e+01	2.86e+01
5.0	2.65e+02	9.67e+01	6.29e+01	4.80e+01	3.96e+01	3.38e+01
6.0	3.09e+02	1.12e+02	7.31e+01	5.57e+01	4.59e+01	3.92e+01
7.0	3.54e+02	1.29e+02	8.33e+01	6.31e+01	5.21e+01	4.44e+01
8.0	3.97e+02	1.44e+02	9.35e+01	7.08e+01	5.84e+01	4.96e+01
9.0	4.44e+02	1.60e+02	1.03e+02	7.85e+01	6.47e+01	5.48e+01
10.0	4.90e+02	1.76e+02	1.14e+02	8.62e+01	7.10e+01	6.05e+01