

Chargino Chargino Cross Section vs Chargino mass as used by CMS in SUS12022

Mass	Cross Section [pb]	Uncertainty [pb]
100	5.550178e+00	3.603775e-01
105	4.600000e+00	2.902482e-01
110	3.840278e+00	2.305904e-01
115	3.240000e+00	1.903786e-01
120	2.750000e+00	1.504792e-01
125	2.360000e+00	1.300000e-01
130	2.035227e+00	1.052268e-01
135	1.750000e+00	9.079648e-02
140	1.530000e+00	8.000000e-02
145	1.330000e+00	6.118823e-02
150	1.170000e+00	5.000000e-02
155	1.030500e+00	4.550000e-02
160	9.130000e-01	4.115697e-02
165	8.100000e-01	3.634665e-02
170	7.210000e-01	3.124135e-02
175	6.430000e-01	2.692711e-02
180	5.760000e-01	2.536851e-02
185	5.170000e-01	2.225334e-02
190	4.660000e-01	1.804984e-02
195	4.210044e-01	1.502885e-02
200	3.800000e-01	1.406024e-02
205	3.440000e-01	1.210907e-02
210	3.120000e-01	1.106630e-02
215	2.840000e-01	1.007284e-02
220	2.580305e-01	8.031806e-03
225	2.360346e-01	7.036484e-03
230	2.150000e-01	7.104456e-03
235	1.979950e-01	6.005005e-03
240	1.809994e-01	6.000578e-03
245	1.660000e-01	5.000023e-03
250	1.520000e-01	5.142018e-03
255	1.400000e-01	4.184325e-03
260	1.280000e-01	4.177008e-03
265	1.184996e-01	3.500354e-03
270	1.094998e-01	3.500208e-03
275	1.010000e-01	2.500448e-03
280	9.313687e-02	2.565209e-03
285	8.658438e-02	2.215622e-03
290	8.068125e-02	1.918749e-03
295	7.453031e-02	1.872625e-03
300	6.870000e-02	2.409384e-03
305	6.432690e-02	1.576670e-03
310	5.982444e-02	1.479396e-03
315	5.563554e-02	1.268995e-03
320	5.182554e-02	1.179449e-03

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325	4.800558e-02	1.099956e-03
330	4.481205e-02	1.093490e-03
335	4.180000e-02	1.030689e-03
340	3.900000e-02	1.417646e-03
345	3.673414e-02	7.741402e-04
350	3.438103e-02	7.272501e-04
355	3.213184e-02	6.780627e-04
360	3.019259e-02	6.173112e-04
365	2.827710e-02	6.328040e-04
370	2.677264e-02	5.396730e-04
375	2.508815e-02	4.118486e-04
380	2.309720e-02	5.151066e-04
385	2.189642e-02	4.198073e-04
390	2.059641e-02	4.198217e-04
395	1.930000e-02	3.235483e-04
400	1.819484e-02	3.287659e-04
405	1.733168e-02	2.919237e-04
410	1.613369e-02	2.899125e-04
415	1.510000e-02	2.332455e-04
420	1.433370e-02	2.899104e-04
425	1.360409e-02	2.373329e-04
430	1.276179e-02	2.618184e-04
435	1.192188e-02	1.781167e-04
440	1.144081e-02	2.006139e-04
445	1.063471e-02	1.652924e-04
450	9.939485e-03	1.429775e-04
455	9.605134e-03	1.288977e-04
460	8.974934e-03	1.321480e-04
465	8.403880e-03	1.455628e-04
470	8.113357e-03	1.066431e-04
475	7.598119e-03	1.159120e-04
480	7.111608e-03	1.154736e-04
500	5.669442e-03	9.886713e-05
525	4.339462e-03	6.659320e-05
550	3.417537e-03	5.527698e-05
575	2.654291e-03	5.058923e-05
600	2.118257e-03	4.515602e-05
625	1.591451e-03	3.745322e-05
650	1.279562e-03	3.356456e-05
675	1.014778e-03	3.040192e-05
700	8.230243e-04	2.788903e-05
725	6.545382e-04	2.414077e-05
750	5.046960e-04	1.949926e-05
775	4.045976e-04	1.730810e-05
800	3.150000e-04	3.482928e-05
825	2.609534e-04	1.455749e-05
850	2.106615e-04	1.209400e-05
875	1.703675e-04	1.065137e-05
900	1.328558e-04	8.378816e-06
925	1.125488e-04	8.256783e-06

950	8.771293e-05	6.758562e-06
975	7.242170e-05	8.172601e-06

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