

Table of cross sections limit in fb for MFDM Model single production channel

Chargino Mass (GeV)

| | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 |
|---------------|------|----------|----------|----------|----------|----------|----------|----------|
| Lifetime (ns) | 0.01 | 2.41e+06 | 3.00e+06 | 2.57e+09 | nan | nan | nan | nan |
| | 0.02 | 3.32e+04 | 7.95e+04 | 2.05e+05 | 6.55e+05 | 1.03e+06 | 2.79e+06 | 6.98e+06 |
| | 0.03 | 8.19e+03 | 1.40e+04 | 2.30e+04 | 5.14e+04 | 7.28e+04 | 1.16e+05 | 2.28e+05 |
| | 0.04 | 3.47e+03 | 4.45e+03 | 7.27e+03 | 1.21e+04 | 1.46e+04 | 2.10e+04 | 3.08e+04 |
| | 0.05 | 1.97e+03 | 2.14e+03 | 2.95e+03 | 4.85e+03 | 5.53e+03 | 7.78e+03 | 1.06e+04 |
| | 0.06 | 1.20e+03 | 1.24e+03 | 1.52e+03 | 2.38e+03 | 2.75e+03 | 3.35e+03 | 4.35e+03 |
| | 0.07 | 9.08e+02 | 8.49e+02 | 1.02e+03 | 1.40e+03 | 1.56e+03 | 1.93e+03 | 2.31e+03 |
| | 0.08 | 7.17e+02 | 5.99e+02 | 6.91e+02 | 9.23e+02 | 9.99e+02 | 1.16e+03 | 1.43e+03 |
| | 0.09 | 6.08e+02 | 4.71e+02 | 5.05e+02 | 6.53e+02 | 7.01e+02 | 7.94e+02 | 9.37e+02 |
| | 0.1 | 5.00e+02 | 3.78e+02 | 4.10e+02 | 4.86e+02 | 5.11e+02 | 5.71e+02 | 6.80e+02 |
| | 0.2 | 2.48e+02 | 1.33e+02 | 1.17e+02 | 1.19e+02 | 1.14e+02 | 1.15e+02 | 1.22e+02 |
| | 0.3 | 2.12e+02 | 9.51e+01 | 7.69e+01 | 7.11e+01 | 6.62e+01 | 6.33e+01 | 6.46e+01 |
| | 0.4 | 2.06e+02 | 8.36e+01 | 6.33e+01 | 5.56e+01 | 5.03e+01 | 4.72e+01 | 4.71e+01 |
| | 0.5 | 2.15e+02 | 7.94e+01 | 5.76e+01 | 4.91e+01 | 4.37e+01 | 4.01e+01 | 3.94e+01 |
| | 0.6 | 2.24e+02 | 7.92e+01 | 5.53e+01 | 4.57e+01 | 4.01e+01 | 3.63e+01 | 3.52e+01 |
| | 0.7 | 2.41e+02 | 7.98e+01 | 5.42e+01 | 4.44e+01 | 3.84e+01 | 3.43e+01 | 3.29e+01 |
| | 0.8 | 2.52e+02 | 8.14e+01 | 5.43e+01 | 4.33e+01 | 3.72e+01 | 3.33e+01 | 3.15e+01 |
| | 0.9 | 2.71e+02 | 8.39e+01 | 5.51e+01 | 4.33e+01 | 3.68e+01 | 3.26e+01 | 3.08e+01 |
| | 1.0 | 2.89e+02 | 8.73e+01 | 5.59e+01 | 4.35e+01 | 3.70e+01 | 3.23e+01 | 3.04e+01 |
| | 2.0 | 4.65e+02 | 1.25e+02 | 7.35e+01 | 5.34e+01 | 4.35e+01 | 3.68e+01 | 3.37e+01 |
| | 3.0 | 6.40e+02 | 1.66e+02 | 9.55e+01 | 6.70e+01 | 5.37e+01 | 4.48e+01 | 4.02e+01 |
| | 4.0 | 8.19e+02 | 2.10e+02 | 1.17e+02 | 8.11e+01 | 6.45e+01 | 5.31e+01 | 4.76e+01 |
| | 5.0 | 1.02e+03 | 2.52e+02 | 1.39e+02 | 9.65e+01 | 7.61e+01 | 6.19e+01 | 5.52e+01 |
| | 6.0 | 1.21e+03 | 2.93e+02 | 1.60e+02 | 1.10e+02 | 8.65e+01 | 7.08e+01 | 6.26e+01 |
| | 7.0 | 1.38e+03 | 3.38e+02 | 1.82e+02 | 1.25e+02 | 9.87e+01 | 7.99e+01 | 7.07e+01 |
| | 8.0 | 1.59e+03 | 3.82e+02 | 2.06e+02 | 1.39e+02 | 1.10e+02 | 8.86e+01 | 7.86e+01 |
| | 9.0 | 1.77e+03 | 4.24e+02 | 2.29e+02 | 1.55e+02 | 1.22e+02 | 9.75e+01 | 8.62e+01 |
| | 10.0 | 1.96e+03 | 4.60e+02 | 2.52e+02 | 1.70e+02 | 1.32e+02 | 1.06e+02 | 9.39e+01 |