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%auto-ignore
# Jean-Marc Laget (JML) theoretical cross sections and reduced cross sections as a function of missing momentum
#
# theta_nq = 35 (deg)
#
# header definitions
#
# pm_bin          : missig momentum bin center (GeV/c) (bin width from center is +/- 0.02 GeV)
# pm_avg          : average missing momentum over pm_bin (GeV/c)
# theory_pwiaXsec : theoretical cross section using the JML Paris PWIA model ( nb / (MeV Sr^2) )
# theory_fsixsec  : theoretical cross section using the JML Paris FSI model ( nb / (MeV Sr^2) )
# theory_red_pwiaXsec : theoretical reduced cross section using the JML Paris PWIA model (fm^3)
# theory_red_fsixsec : theoretical reduced cross section using the JML Paris FSI model (fm^3)
#
# common values for pm_bin indicate kinematic settings that contribute to the same missing momentum bin and are used in averaging
#
#! pm_bin[f,0]/ pm_avg[f,1]/ theory_pwiaXsec[f,2]/ theory_fsixsec[f,3]/ theory_red_pwiaXsec[f,4]/ theory_red_fsixsec[f,5]/
0.02000 0.03181 1.61523E+00 1.53652E+00 5.11131E+00 4.87851E+00
0.06000 0.06217 4.21284E-01 4.07189E-01 1.40260E+00 1.34910E+00
0.10000 0.09914 8.38780E-02 7.80362E-02 3.02404E-01 2.81526E-01
0.14000 0.13875 1.89574E-02 1.73447E-02 7.60664E-02 6.95513E-02
0.18000 0.17780 5.30832E-03 4.84347E-03 2.31758E-02 2.11768E-02
0.22000 0.21766 1.73442E-03 1.59862E-03 8.05752E-03 7.41694E-03
0.26000 0.25754 6.50355E-04 6.12495E-04 3.19513E-03 2.99707E-03
0.30000 0.29743 2.86027E-04 2.72338E-04 1.47434E-03 1.40076E-03
0.34000 0.33737 1.45822E-04 1.38080E-04 7.84144E-04 7.41708E-04
0.38000 0.37612 8.57986E-05 8.01055E-05 4.77790E-04 4.45521E-04
0.38000 0.39347 3.32632E-04 3.28614E-04 3.68145E-04 3.59354E-04
0.42000 0.41497 5.62551E-05 5.18066E-05 3.19687E-04 2.94575E-04
0.42000 0.42805 2.27988E-04 2.12164E-04 2.70262E-04 2.50752E-04
0.42000 0.42917 2.27852E-04 2.09098E-04 2.69930E-04 2.48803E-04
0.46000 0.45276 3.93186E-05 3.65382E-05 2.26077E-04 2.10549E-04
0.46000 0.46410 1.59365E-04 1.44819E-04 1.99552E-04 1.81223E-04
0.46000 0.46429 1.58940E-04 1.43968E-04 1.99467E-04 1.80396E-04
0.50000 0.48805 2.94378E-05 2.73592E-05 1.71802E-04 1.60126E-04
0.50000 0.50187 1.12504E-04 1.00422E-04 1.47512E-04 1.31442E-04
0.50000 0.50199 1.12731E-04 1.00405E-04 1.47597E-04 1.31427E-04
0.50000 0.51271 1.43543E-04 1.18254E-04 1.37752E-04 1.13691E-04
0.50000 0.51301 1.44175E-04 1.24952E-04 1.37263E-04 1.16588E-04
0.50000 0.51367 1.48138E-04 1.19727E-04 1.37395E-04 1.14193E-04
0.54000 0.54066 7.90947E-05 6.92451E-05 1.09366E-04 9.58701E-05
0.54000 0.54074 7.89443E-05 6.92456E-05 1.09284E-04 9.58030E-05
0.54000 0.54793 1.00893E-04 8.48221E-05 1.02978E-04 8.66913E-05
0.54000 0.54800 1.00268E-04 8.55814E-05 1.02693E-04 8.73306E-05
0.54000 0.54801 9.93474E-05 8.55043E-05 1.02125E-04 8.73730E-05
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0.58000 0.58391 7.20096E-05 6.13167E-05 7.78328E-05 6.60766E-05
0.58000 0.58405 7.19394E-05 6.10127E-05 7.77215E-05 6.58860E-05
0.58000 0.58407 7.22533E-05 6.10973E-05 7.80418E-05 6.59142E-05
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0.62000 0.61961 3.63936E-05 3.13854E-05 5.90015E-05 5.06798E-05
0.62000 0.62170 5.09696E-05 4.34439E-05 5.77022E-05 4.90750E-05
0.62000 0.62176 5.08129E-05 4.33608E-05 5.75547E-05 4.89913E-05
0.62000 0.62181 5.09118E-05 4.34061E-05 5.76258E-05 4.89929E-05
0.66000 0.65928 2.44207E-05 2.09512E-05 4.29576E-05 3.66347E-05
0.66000 0.65947 2.43884E-05 2.09443E-05 4.28213E-05 3.65774E-05
0.66000 0.66056 3.52026E-05 3.01116E-05 4.20660E-05 3.58850E-05
0.66000 0.66071 3.52860E-05 3.01141E-05 4.21066E-05 3.58544E-05
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0.70000 0.69896 1.63388E-05 1.40588E-05 3.07971E-05 2.63222E-05
0.70000 0.69996 2.38653E-05 2.06155E-05 3.03084E-05 2.60590E-05
0.70000 0.70000 2.38675E-05 2.05917E-05 3.03083E-05 2.60355E-05
0.70000 0.70011 2.38330E-05 2.05303E-05 3.02798E-05 2.59992E-05
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0.78000 0.77838 7.27294E-06 6.36883E-06 1.51908E-05 1.32098E-05
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0.82000 0.81910 6.34275E-06 5.70765E-06 1.01419E-05 9.01740E-06
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0.86000 0.85877 3.94082E-06 3.63071E-06 6.74424E-06 6.12960E-06
0.86000 0.85888 3.93763E-06 3.62345E-06 6.73897E-06 6.12104E-06
0.86000 0.85889 3.93556E-06 3.62328E-06 6.73393E-06 6.11979E-06
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0.90000 0.89850 2.39816E-06 2.27966E-06 4.35843E-06 4.09449E-06
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0.90000 0.89864 2.40055E-06 2.28056E-06 4.35876E-06 4.08916E-06
0.94000 0.93715 1.17242E-06 1.20375E-06 2.80609E-06 2.86022E-06
0.94000 0.93731 1.17404E-06 1.19999E-06 2.81340E-06 2.85804E-06
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0.94000 0.93832 1.42843E-06 1.43553E-06 2.73806E-06 2.71164E-06

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0.98000	0.97691	6.93014E-07	7.61932E-07	1.71292E-06	1.87350E-06
0.98000	0.97692	6.91856E-07	7.61921E-07	1.70967E-06	1.87364E-06
0.98000	0.97811	8.25554E-07	8.92757E-07	1.65704E-06	1.76848E-06
0.98000	0.97818	8.27118E-07	8.92208E-07	1.65936E-06	1.76679E-06
0.98000	0.97827	8.27445E-07	8.91176E-07	1.65997E-06	1.76511E-06
1.02000	1.01633	3.89285E-07	4.77600E-07	9.85293E-07	1.21152E-06
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1.02000	1.01787	4.64729E-07	5.56722E-07	9.72134E-07	1.14751E-06
1.02000	1.01789	4.64492E-07	5.55052E-07	9.72133E-07	1.14693E-06
1.02000	1.01791	4.64512E-07	5.56667E-07	9.72910E-07	1.14690E-06
1.06000	1.05549	2.04843E-07	2.90520E-07	5.38010E-07	7.58540E-07
1.06000	1.05567	2.04006E-07	2.91833E-07	5.33374E-07	7.57753E-07
1.06000	1.05767	2.44640E-07	3.38618E-07	5.31994E-07	7.26700E-07
1.06000	1.05775	2.45065E-07	3.38083E-07	5.32666E-07	7.25875E-07
1.06000	1.05780	2.44438E-07	3.37211E-07	5.32269E-07	7.24882E-07
1.10000	1.09590	1.03984E-07	1.73337E-07	2.79081E-07	4.63662E-07
1.10000	1.09658	1.01221E-07	1.71556E-07	2.71910E-07	4.61909E-07
1.10000	1.09750	1.22011E-07	2.02586E-07	2.74843E-07	4.51467E-07
1.10000	1.09754	1.21627E-07	2.03002E-07	2.74177E-07	4.51702E-07
1.10000	1.09758	1.21641E-07	2.02367E-07	2.74301E-07	4.50848E-07
1.14000	1.13727	5.52395E-08	1.19139E-07	1.28508E-07	2.74436E-07
1.14000	1.13731	5.53236E-08	1.18543E-07	1.28766E-07	2.73603E-07
1.14000	1.13732	5.53272E-08	1.18650E-07	1.28769E-07	2.73724E-07
1.18000	1.17314	2.31551E-08	7.14511E-08	5.53402E-08	1.69029E-07
1.18000	1.17315	2.31427E-08	7.13842E-08	5.53222E-08	1.68957E-07
1.18000	1.17326	2.31087E-08	7.09526E-08	5.53016E-08	1.68461E-07