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%auto-ignore
# Misak Sargsian (MS CD-Bonn) 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_pwbaXsec : theoretical cross section using the MS CD-Bonn PWBA model ( nb / (MeV Sr^2) )
# theory_fsIXsec  : theoretical cross section using the MS CD-Bonn FSI model ( nb / (MeV Sr^2) )
# theory_red_pwbaXsec : theoretical reduced cross section using the MS CD-Bonn PWBA model (fm^3)
# theory_red_fsIXsec : theoretical reduced cross section using the MS CD-Bonn 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_pwbaXsec[f,2]/ theory_fsIXsec[f,3]/ theory_red_pwbaXsec[f,4]/ theory_red_fsIXsec[f,5]/
0.02000 0.03181 1.71697E+00 1.65454E+00 5.45143E+00 5.25322E+00
0.06000 0.06217 4.11555E-01 3.87459E-01 1.36357E+00 1.28373E+00
0.10000 0.09914 8.06094E-02 7.33900E-02 2.90809E-01 2.64765E-01
0.14000 0.13875 1.81057E-02 1.60271E-02 7.26030E-02 6.42677E-02
0.18000 0.17780 5.16196E-03 4.40682E-03 2.25693E-02 1.92676E-02
0.22000 0.21766 1.71594E-03 1.40542E-03 7.96124E-03 6.52057E-03
0.26000 0.25754 6.50446E-04 5.18780E-04 3.18278E-03 2.53851E-03
0.30000 0.29743 2.76925E-04 2.24609E-04 1.42436E-03 1.15527E-03
0.34000 0.33737 1.31500E-04 1.07633E-04 7.06363E-04 5.78161E-04
0.38000 0.37612 7.01262E-05 5.87779E-05 3.90020E-04 3.26904E-04
0.38000 0.39338 2.92420E-04 2.42490E-04 3.15838E-04 2.61910E-04
0.38000 0.39347 2.88843E-04 2.38938E-04 3.15862E-04 2.61289E-04
0.42000 0.41497 4.04979E-05 3.45050E-05 2.30273E-04 1.96197E-04
0.42000 0.42805 1.72310E-04 1.44228E-04 2.03649E-04 1.70460E-04
0.42000 0.42917 1.68869E-04 1.42919E-04 2.00936E-04 1.70058E-04
0.46000 0.45276 2.51645E-05 2.24064E-05 1.45009E-04 1.29116E-04
0.46000 0.46410 1.06891E-04 9.16882E-05 1.33760E-04 1.14736E-04
0.46000 0.46429 1.06517E-04 9.52939E-05 1.33469E-04 1.19406E-04
0.50000 0.48805 1.65553E-05 1.54251E-05 9.68936E-05 9.02784E-05
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0.50000 0.51271 8.15566E-05 7.01716E-05 7.84090E-05 6.74635E-05
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0.54000 0.54074 4.25958E-05 3.68159E-05 5.89324E-05 5.09357E-05
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0.58000 0.58391 3.51046E-05 3.06380E-05 3.78297E-05 3.30163E-05
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0.62000 0.62176 2.29020E-05 1.98685E-05 2.58759E-05 2.24485E-05
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