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# Sabine Jeschonnek, J.W.V.Orden, W.P.Ford (JVO WJC2) theoretical cross sections and reduced cross sections as a function of missing momentum
#
# theta_nq = 45 (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 JVO WJC2 PWBA model ( nb / (MeV Sr^2) )
# theory_fsiXsec  : theoretical cross section using the JVO WJC2 FSI model ( nb / (MeV Sr^2) )
# theory_red_pwbaXsec : theoretical reduced cross section using the JVO WJC2 PWBA model (fm^3)
# theory_red_fsiXsec : theoretical reduced cross section using the JVO WJC2 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 0.03147 1.71110E+00 1.65500E+00 5.39968E+00 5.22264E+00
0.06000 0.06241 4.01400E-01 3.79800E-01 1.31614E+00 1.24531E+00
0.10000 0.09921 8.12780E-02 7.42930E-02 2.82694E-01 2.58399E-01
0.14000 0.13844 1.90750E-02 1.67470E-02 7.13667E-02 6.26568E-02
0.18000 0.17838 5.46180E-03 4.60310E-03 2.16289E-02 1.82284E-02
0.22000 0.21825 1.83830E-03 1.49920E-03 7.70234E-03 6.28153E-03
0.26000 0.25782 7.20440E-04 5.78060E-04 3.17946E-03 2.55110E-03
0.30000 0.29790 3.22580E-04 2.59000E-04 1.49395E-03 1.19949E-03
0.34000 0.33797 1.67930E-04 1.36340E-04 8.06344E-04 6.54660E-04
0.38000 0.37827 9.88750E-05 8.12010E-05 4.88162E-04 4.00903E-04
0.42000 0.43176 2.49170E-04 2.03910E-04 2.82091E-04 2.30851E-04
0.46000 0.45750 4.49880E-05 3.70000E-05 2.30671E-04 1.89713E-04
0.46000 0.46672 1.74340E-04 1.42440E-04 2.09308E-04 1.71009E-04
0.50000 0.50338 1.27570E-04 1.04000E-04 1.59239E-04 1.29818E-04
0.50000 0.50342 1.27240E-04 1.03730E-04 1.59194E-04 1.29780E-04
0.54000 0.54169 9.51700E-05 7.21390E-05 1.22714E-04 9.30175E-05
0.54000 0.54183 9.47640E-05 7.18190E-05 1.22596E-04 9.29120E-05
0.58000 0.58074 7.10470E-05 5.46890E-05 9.43852E-05 7.26537E-05
0.58000 0.58080 7.10720E-05 5.47540E-05 9.43484E-05 7.26862E-05
0.58000 0.58617 8.87680E-05 7.02970E-05 9.11203E-05 7.21598E-05
0.62000 0.62006 5.21830E-05 4.05910E-05 7.16267E-05 5.57154E-05
0.62000 0.62014 5.22100E-05 4.06410E-05 7.15872E-05 5.57245E-05
0.62000 0.62355 6.51130E-05 5.12340E-05 6.99463E-05 5.50371E-05
0.66000 0.65942 3.77760E-05 2.95810E-05 5.35040E-05 4.18971E-05
0.66000 0.65966 3.77340E-05 2.95650E-05 5.34024E-05 4.18414E-05
0.66000 0.66198 4.72150E-05 3.70080E-05 5.25291E-05 4.11733E-05
0.66000 0.66203 4.72190E-05 3.69980E-05 5.25099E-05 4.11436E-05
0.66000 0.66209 4.71910E-05 3.69860E-05 5.24831E-05 4.11337E-05
0.70000 0.69900 2.68070E-05 2.10060E-05 3.92891E-05 3.07870E-05
0.70000 0.69923 2.67720E-05 2.09900E-05 3.92157E-05 3.07462E-05
0.70000 0.70112 3.37010E-05 2.57790E-05 3.86595E-05 2.95719E-05
0.70000 0.70115 3.37020E-05 2.58090E-05 3.86472E-05 2.95960E-05
0.70000 0.70116 3.36910E-05 2.57650E-05 3.86506E-05 2.95579E-05
0.74000 0.73897 1.87200E-05 1.46400E-05 2.83403E-05 2.21636E-05
0.74000 0.73906 1.86610E-05 1.45540E-05 2.83192E-05 2.20866E-05
0.74000 0.74029 2.37720E-05 1.83660E-05 2.80507E-05 2.16717E-05
0.74000 0.74038 2.37410E-05 1.83560E-05 2.80285E-05 2.16710E-05
0.74000 0.74045 2.37340E-05 1.83450E-05 2.80133E-05 2.16526E-05
0.78000 0.77875 1.29530E-05 1.00920E-05 2.02260E-05 1.57586E-05
0.78000 0.77880 1.29520E-05 1.01050E-05 2.02182E-05 1.57740E-05
0.78000 0.77979 1.65580E-05 1.29240E-05 2.00598E-05 1.56573E-05
0.78000 0.77983 1.65540E-05 1.29150E-05 2.00530E-05 1.56449E-05
0.78000 0.77985 1.65250E-05 1.28930E-05 2.00496E-05 1.56430E-05
0.82000 0.81855 8.88780E-06 6.90920E-06 1.42800E-05 1.11010E-05

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0.82000	0.81865	8.89310E-06	6.91540E-06	1.42684E-05	1.10953E-05
0.82000	0.81940	1.14100E-05	8.99620E-06	1.41825E-05	1.11822E-05
0.82000	0.81946	1.13940E-05	8.97800E-06	1.41760E-05	1.11701E-05
0.82000	0.81958	1.13890E-05	8.97710E-06	1.41619E-05	1.11628E-05
0.86000	0.85836	6.05440E-06	4.71310E-06	9.97727E-06	7.76689E-06
0.86000	0.85837	6.04790E-06	4.70960E-06	9.97597E-06	7.76846E-06
0.86000	0.85912	7.75520E-06	6.16530E-06	9.91530E-06	7.88255E-06
0.86000	0.85916	7.75040E-06	6.15640E-06	9.91134E-06	7.87290E-06
0.86000	0.85933	7.74340E-06	6.15340E-06	9.89567E-06	7.86373E-06
0.90000	0.89814	4.11170E-06	3.25070E-06	6.91606E-06	5.46782E-06
0.90000	0.89823	4.10750E-06	3.24880E-06	6.90976E-06	5.46523E-06
0.90000	0.89880	5.24490E-06	4.21270E-06	6.87744E-06	5.52395E-06
0.90000	0.89880	5.25150E-06	4.22360E-06	6.87743E-06	5.53128E-06
0.90000	0.89887	5.25030E-06	4.22550E-06	6.87333E-06	5.53173E-06
0.94000	0.93808	2.78930E-06	2.29330E-06	4.76138E-06	3.91470E-06
0.94000	0.93849	3.53920E-06	2.90960E-06	4.74523E-06	3.90109E-06
0.94000	0.93861	3.53760E-06	2.91000E-06	4.73995E-06	3.89904E-06
0.94000	0.93867	3.53100E-06	2.90080E-06	4.73742E-06	3.89190E-06
0.98000	0.97769	1.89720E-06	1.68840E-06	3.27316E-06	2.91293E-06
0.98000	0.97787	1.89490E-06	1.68810E-06	3.26735E-06	2.91077E-06
0.98000	0.97838	2.37240E-06	2.02930E-06	3.25328E-06	2.78279E-06
0.98000	0.97855	2.36510E-06	2.02100E-06	3.24774E-06	2.77523E-06
1.02000	1.01760	1.29180E-06	1.34350E-06	2.23380E-06	2.32320E-06
1.02000	1.01770	1.28120E-06	1.31060E-06	2.23192E-06	2.28313E-06
1.02000	1.01810	1.58900E-06	1.47180E-06	2.22398E-06	2.05995E-06
1.02000	1.01820	1.58880E-06	1.47500E-06	2.22323E-06	2.06399E-06
1.02000	1.01820	1.58870E-06	1.47300E-06	2.22312E-06	2.06122E-06
1.06000	1.05720	8.74160E-07	1.13360E-06	1.52443E-06	1.97686E-06
1.06000	1.05720	8.76160E-07	1.14810E-06	1.52359E-06	1.99647E-06
1.06000	1.05800	1.05520E-06	1.12550E-06	1.51219E-06	1.61294E-06
1.10000	1.09710	5.93370E-07	1.09490E-06	1.03325E-06	1.90658E-06
1.10000	1.09730	5.87610E-07	1.05760E-06	1.03091E-06	1.85547E-06
1.10000	1.09770	6.99980E-07	9.31550E-07	1.02744E-06	1.36734E-06
1.10000	1.09770	7.00160E-07	9.32060E-07	1.02736E-06	1.36763E-06
1.10000	1.09770	7.00560E-07	9.36250E-07	1.02681E-06	1.37225E-06
1.14000	1.13680	3.99160E-07	1.09430E-06	7.01418E-07	1.92294E-06
1.14000	1.13740	4.67180E-07	8.65040E-07	6.97789E-07	1.29204E-06
1.14000	1.13740	4.65820E-07	8.54740E-07	6.97681E-07	1.28019E-06
1.14000	1.13750	4.65600E-07	8.55880E-07	6.96999E-07	1.28124E-06
1.18000	1.17310	3.23970E-07	8.52730E-07	4.94054E-07	1.30041E-06
1.18000	1.17310	3.24120E-07	8.56710E-07	4.93750E-07	1.30508E-06