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%auto-ignore
# Sabine Jeschonnek, J.W.V.Orderen, 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 3.37646E-05 3.26576E-05 5.39968E+00 5.22264E+00
0.06000 0.06241 7.92071E-06 7.49448E-06 1.31614E+00 1.24531E+00
0.10000 0.09921 1.60383E-06 1.46600E-06 2.82694E-01 2.58399E-01
0.14000 0.13844 3.76401E-07 3.30464E-07 7.13667E-02 6.26568E-02
0.18000 0.17838 1.07776E-07 9.08316E-08 2.16289E-02 1.82284E-02
0.22000 0.21825 3.62746E-08 2.95833E-08 7.70234E-03 6.28153E-03
0.26000 0.25782 1.42162E-08 1.14067E-08 3.17946E-03 2.55110E-03
0.30000 0.29790 6.36538E-09 5.11077E-09 1.49395E-03 1.19949E-03
0.34000 0.33797 3.31371E-09 2.69036E-09 8.06344E-04 6.54660E-04
0.38000 0.37827 1.95107E-09 1.60232E-09 4.88162E-04 4.00903E-04
0.42000 0.43176 4.91680E-09 4.02370E-09 2.82091E-04 2.30851E-04
0.46000 0.45750 8.87735E-10 7.30110E-10 2.30671E-04 1.89713E-04
0.46000 0.46672 3.44020E-09 2.81073E-09 2.09308E-04 1.71009E-04
0.50000 0.50338 2.51730E-09 2.05220E-09 1.59239E-04 1.29818E-04
0.50000 0.50342 2.51079E-09 2.04687E-09 1.59194E-04 1.29780E-04
0.54000 0.54169 1.87796E-09 1.42350E-09 1.22714E-04 9.30175E-05
0.54000 0.54183 1.86995E-09 1.41718E-09 1.22596E-04 9.29120E-05
0.58000 0.58074 1.40195E-09 1.07916E-09 9.43852E-05 7.26537E-05
0.58000 0.58080 1.40244E-09 1.08044E-09 9.43484E-05 7.26862E-05
0.58000 0.58617 1.75163E-09 1.38715E-09 9.11203E-05 7.21598E-05
0.62000 0.62006 1.02971E-09 8.00970E-10 7.16267E-05 5.57154E-05
0.62000 0.62014 1.03024E-09 8.01957E-10 7.15872E-05 5.57245E-05
0.62000 0.62355 1.28486E-09 1.01099E-09 6.99463E-05 5.50371E-05
0.66000 0.65942 7.45423E-10 5.83713E-10 5.35040E-05 4.18971E-05
0.66000 0.65966 7.44594E-10 5.83397E-10 5.34024E-05 4.18414E-05
0.66000 0.66198 9.31680E-10 7.30268E-10 5.25291E-05 4.11733E-05
0.66000 0.66203 9.31759E-10 7.30071E-10 5.25099E-05 4.11436E-05
0.66000 0.66209 9.31206E-10 7.29834E-10 5.24831E-05 4.11337E-05
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0.70000 0.69923 5.28284E-10 4.14189E-10 3.92157E-05 3.07462E-05
0.70000 0.70112 6.65012E-10 5.08689E-10 3.86595E-05 2.95719E-05
0.70000 0.70115 6.65032E-10 5.09281E-10 3.86472E-05 2.95960E-05
0.70000 0.70116 6.64815E-10 5.08413E-10 3.86506E-05 2.95579E-05
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0.74000 0.73906 3.68232E-10 2.87190E-10 2.83192E-05 2.20866E-05
0.74000 0.74029 4.69086E-10 3.62411E-10 2.80507E-05 2.16717E-05
0.74000 0.74038 4.68474E-10 3.62214E-10 2.80285E-05 2.16710E-05
0.74000 0.74045 4.68336E-10 3.61996E-10 2.80133E-05 2.16526E-05
0.78000 0.77875 2.55598E-10 1.99142E-10 2.02260E-05 1.57586E-05
0.78000 0.77880 2.55578E-10 1.99399E-10 2.02182E-05 1.57740E-05
0.78000 0.77979 3.26734E-10 2.55025E-10 2.00598E-05 1.56573E-05
0.78000 0.77983 3.26655E-10 2.54848E-10 2.00530E-05 1.56449E-05
0.78000 0.77985 3.26083E-10 2.54414E-10 2.00496E-05 1.56430E-05
0.82000 0.81855 1.75380E-10 1.36337E-10 1.42800E-05 1.11010E-05
0.82000 0.81865 1.75485E-10 1.36460E-10 1.42684E-05 1.10953E-05
0.82000 0.81940 2.25150E-10 1.77519E-10 1.41825E-05 1.11822E-05
0.82000 0.81946 2.24834E-10 1.77160E-10 1.41760E-05 1.11701E-05
0.82000 0.81958 2.24736E-10 1.77142E-10 1.41619E-05 1.11628E-05
0.86000 0.85836 1.19470E-10 9.30022E-11 9.97727E-06 7.76689E-06
0.86000 0.85837 1.19341E-10 9.29331E-11 9.97597E-06 7.76846E-06

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0.86000	0.85912	1.53031E-10	1.21658E-10	9.91530E-06	7.88255E-06
0.86000	0.85916	1.52936E-10	1.21482E-10	9.91134E-06	7.87290E-06
0.86000	0.85933	1.52798E-10	1.21423E-10	9.89567E-06	7.86373E-06
0.90000	0.89814	8.11350E-11	6.41451E-11	6.91606E-06	5.46782E-06
0.90000	0.89823	8.10521E-11	6.41076E-11	6.90976E-06	5.46523E-06
0.90000	0.89880	1.03496E-10	8.31280E-11	6.87744E-06	5.52395E-06
0.90000	0.89880	1.03626E-10	8.33431E-11	6.87743E-06	5.53128E-06
0.90000	0.89887	1.03603E-10	8.33805E-11	6.87333E-06	5.53173E-06
0.94000	0.93808	5.50404E-11	4.52530E-11	4.76138E-06	3.91470E-06
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0.94000	0.93861	6.98064E-11	5.74222E-11	4.73995E-06	3.89904E-06
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0.98000	0.97769	3.74369E-11	3.33167E-11	3.27316E-06	2.91293E-06
0.98000	0.97787	3.73915E-11	3.33108E-11	3.26735E-06	2.91077E-06
0.98000	0.97838	4.68139E-11	4.00436E-11	3.25328E-06	2.78279E-06
0.98000	0.97855	4.66698E-11	3.98798E-11	3.24774E-06	2.77523E-06
1.02000	1.01760	2.54907E-11	2.65109E-11	2.23380E-06	2.32320E-06
1.02000	1.01770	2.52815E-11	2.58617E-11	2.23192E-06	2.28313E-06
1.02000	1.01810	3.13553E-11	2.90426E-11	2.22398E-06	2.05995E-06
1.02000	1.01820	3.13513E-11	2.91057E-11	2.22323E-06	2.06399E-06
1.02000	1.01820	3.13493E-11	2.90663E-11	2.22312E-06	2.06122E-06
1.06000	1.05720	1.72495E-11	2.23690E-11	1.52443E-06	1.97686E-06
1.06000	1.05720	1.72890E-11	2.26551E-11	1.52359E-06	1.99647E-06
1.06000	1.05800	2.08220E-11	2.22092E-11	1.51219E-06	1.61294E-06
1.10000	1.09710	1.17088E-11	2.16053E-11	1.03325E-06	1.90658E-06
1.10000	1.09730	1.15951E-11	2.08693E-11	1.03091E-06	1.85547E-06
1.10000	1.09770	1.38125E-11	1.83820E-11	1.02744E-06	1.36734E-06
1.10000	1.09770	1.38161E-11	1.83921E-11	1.02736E-06	1.36763E-06
1.10000	1.09770	1.38239E-11	1.84747E-11	1.02681E-06	1.37225E-06
1.14000	1.13680	7.87651E-12	2.15935E-11	7.01418E-07	1.92294E-06
1.14000	1.13740	9.21873E-12	1.70696E-11	6.97789E-07	1.29204E-06
1.14000	1.13740	9.19189E-12	1.68663E-11	6.97681E-07	1.28019E-06
1.14000	1.13750	9.18755E-12	1.68888E-11	6.96999E-07	1.28124E-06
1.18000	1.17310	6.39280E-12	1.68267E-11	4.94054E-07	1.30041E-06
1.18000	1.17310	6.39576E-12	1.69052E-11	4.93750E-07	1.30508E-06