

```

%auto-ignore
# exp. cross sections as a function of missing momentum
# all cross sections include the bin correction factor
#
# theta_nq = 75.0
#
# Averaged for all contributing bins
#
# p_miss_av      : fm^-1, missing momentum (use for plotting averaged results)
# rho            : fm^3, reduced cross section (momentum distribution)
# delta_rho      : fm^3, total error in reduced cross section (momentum distribution)
# delta_rho1     : fm^3, total error in reduced cross section including chi2 of averaging
#
# Kinematics and cross section for each contributing bin:
#
# th_e           : electron scattering angle (deg)
# Ei             : incident energy (MeV)
# omega          : energy transfer (MeV)
# qlab           : 3-momentum transfer in lab (MeV/c)
# cos_phi        : cos(phi), phi reaction plane angle
# pf             : final proton momentum (MeV/c)
# p_miss         : averaged missing momentum (MeV/c)
# pm_b           : missing momentum bin_center (MeV/c)
# th_nq          : angle between recoiling neutron and qlab
# sig_exp        : exp. cross section for this bin (nb/(MeV Sr^2))
# dsig_exp       : error in exp cross section for this bin (nb/(MeV Sr^2))
# sig_red_exp    : exp. red. cross section (rho) for this bin (fm^3)
# bc             : bin centering correction factor used: sig_exp_raw * bc = exp. cross section at avg. kinematics reported above
#
# common values for Nr indicate kinematic settings that contribute to the same missing momentum bin and are used in averaging
#
#! Nr[i,0]/ p_miss_av[f,1]/ rho[f,2]/ delta_rho[f,3]/ delta_rho1[f,4]/ th_e[f,5]/ Ei[f,6]/ omega[f,7]/ qlab[f,8]/ cos_phi[f, 9]/ pf[f,10]/ p_miss[f,11]/ pm_b[f,12]/ th_nq[f,13]/
sig_exp[f,14]/ dsig_exp[f,15]/ bc[f,16]/ sig_red_exp[f,17]/
0 0.155 4.892e+00 1.204e+00 1.204e+00 12.282 10599.055 2164.582 2962.734 -0.55836 2954.681 32.054 20.000 75.148 1.556e+00 3.829e-01 0.91338 4.892e+00
1 0.304 1.394e+00 1.076e-01 1.076e-01 12.326 10599.116 2162.622 2966.423 -0.62909 2951.101 61.312 60.000 74.954 4.464e-01 3.446e-02 1.06666 1.394e+00
2 0.491 2.697e-01 1.605e-02 1.605e-02 12.378 10598.834 2163.442 2972.687 -0.61769 2948.722 97.880 100.000 74.911 8.690e-02 5.171e-03 1.02273 2.697e-01
3 0.691 6.454e-02 4.691e-03 4.691e-03 12.436 10598.605 2170.603 2983.859 -0.56247 2951.124 137.151 140.000 74.909 2.070e-02 1.504e-03 0.93278 6.454e-02
4 0.893 1.736e-02 1.867e-03 1.867e-03 12.481 10598.545 2179.078 2994.357 -0.48096 2953.138 176.925 180.000 74.876 5.526e-03 5.944e-04 0.85037 1.736e-02
5 1.099 5.309e-03 9.204e-04 9.204e-04 12.493 10598.502 2183.354 2998.457 -0.38224 2948.944 217.235 220.000 74.795 1.692e-03 2.933e-04 0.78924 5.309e-03
6 1.306 3.347e-03 7.255e-04 7.255e-04 12.496 10598.545 2190.724 3003.490 -0.31769 2946.168 258.085 260.000 74.755 1.076e-03 2.331e-04 0.70685 3.347e-03
7 1.516 1.253e-03 4.310e-04 4.310e-04 12.493 10598.582 2202.533 3010.779 -0.28602 2946.140 299.686 300.000 74.743 4.099e-04 1.410e-04 0.77938 1.253e-03
8 1.720 1.101e-03 4.184e-04 4.184e-04 12.488 10598.515 2218.850 3020.894 -0.27361 2949.756 339.653 340.000 74.740 3.683e-04 1.399e-04 0.95463 1.101e-03
9 1.922 1.422e-03 5.062e-04 5.062e-04 12.486 10598.544 2238.740 3033.683 -0.27430 2955.610 379.691 380.000 74.600 4.876e-04 1.736e-04 0.99890 1.422e-03
10 2.123 4.275e-04 3.024e-04 3.024e-04 12.487 10598.532 2260.669 3048.181 -0.27623 2962.341 419.340 420.000 74.300 1.502e-04 1.063e-04 1.01909 4.275e-04
11 2.323 2.599e-04 2.600e-04 2.600e-04 12.486 10598.452 2284.894 3064.108 -0.28239 2970.310 458.626 460.000 73.965 9.386e-05 9.387e-05 1.01212 2.599e-04
12 2.523 1.038e-03 5.999e-04 5.999e-04 12.491 10598.504 2309.873 3081.222 -0.28832 2977.716 498.117 500.000 73.433 3.843e-04 2.220e-04 0.99804 1.038e-03
13 2.723 4.987e-04 4.989e-04 4.989e-04 12.490 10598.407 2336.390 3098.908 -0.30042 2985.522 537.633 540.000 72.915 1.904e-04 1.904e-04 0.97890 4.987e-04
14 2.923 8.514e-04 8.519e-04 8.519e-04 12.494 10598.320 2367.417 3120.352 -0.31890 2997.058 576.881 580.000 72.426 3.353e-04 3.355e-04 0.96503 8.514e-04

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