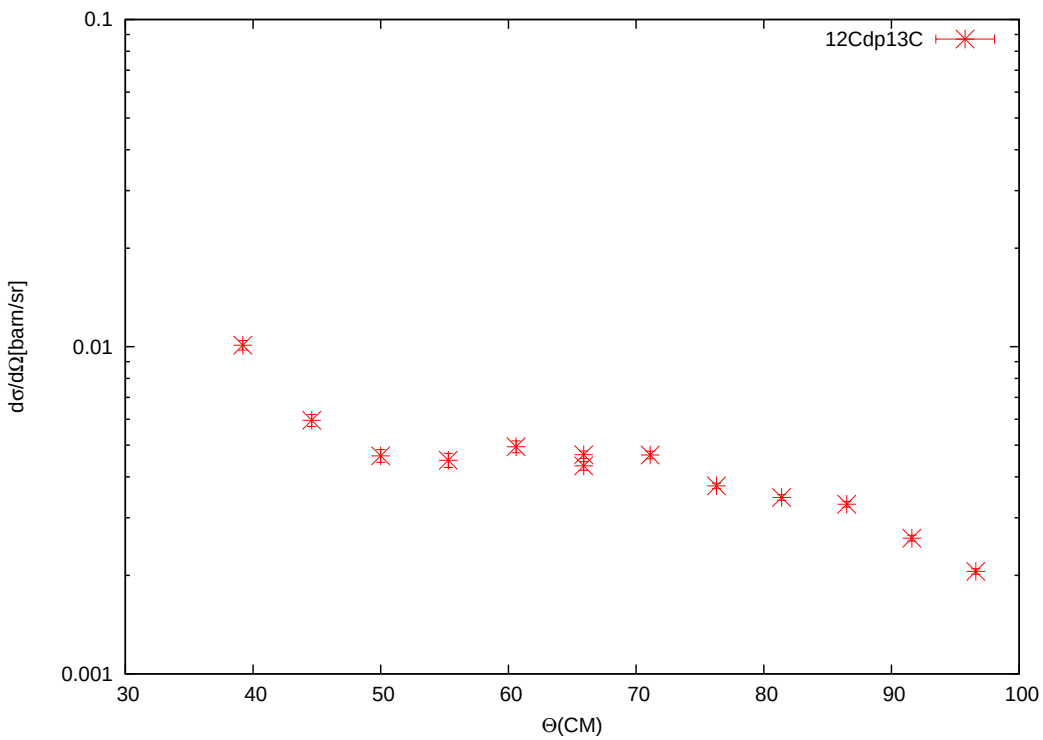
Crosssection CH2target

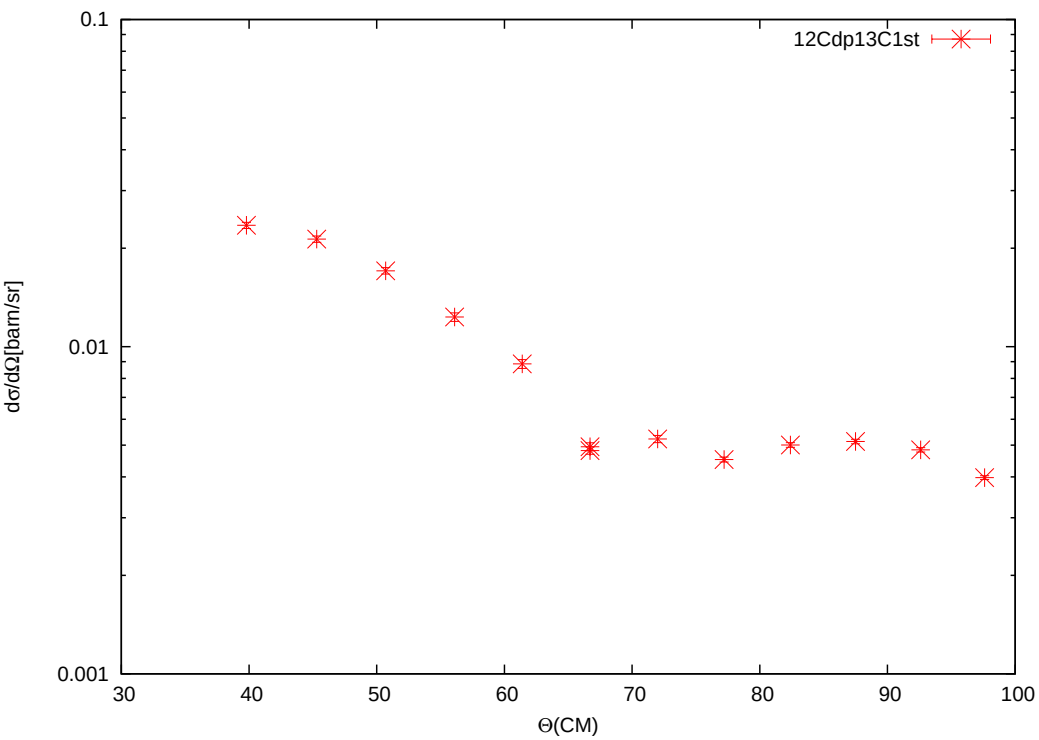
12Cdp13C cross section [barn]I

E(LAB) = 10.00, E(CM) = 8.56, Ex = 0.00, Q-value = 2.72						
run	deg(LAB)	crssc(LAB)	error	deg(CM)	crssc(CM)	error
0205	35.9	1.177e-02	3.953e-04	39.2	1.010e-02	3.391e-04
0204	40.9	6.871e-03	2.898e-04	44.6	5.956e-03	2.512e-04
0206	45.9	5.290e-03	2.368e-04	50.0	4.638e-03	2.077e-04
0207	50.9	5.062e-03	2.520e-04	55.3	4.495e-03	2.238e-04
0208	55.9	5.496e-03	2.293e-04	60.6	4.946e-03	2.063e-04
0209	60.9	5.123e-03	1.343e-04	65.9	4.677e-03	1.227e-04
0210	60.9	4.731e-03	1.442e-04	65.9	4.320e-03	1.317e-04
0211	65.9	5.033e-03	1.345e-04	71.1	4.666e-03	1.247e-04
0212	70.9	3.985e-03	7.631e-05	76.3	3.754e-03	7.188e-05
0213	75.9	3.612e-03	7.401e-05	81.4	3.459e-03	7.087e-05
0214	80.9	3.388e-03	6.801e-05	86.5	3.299e-03	6.623e-05
0215	85.9	2.622e-03	5.473e-05	91.6	2.598e-03	5.422e-05
0216	90.9	2.039e-03	3.874e-05	96.6	2.056e-03	3.905e-05



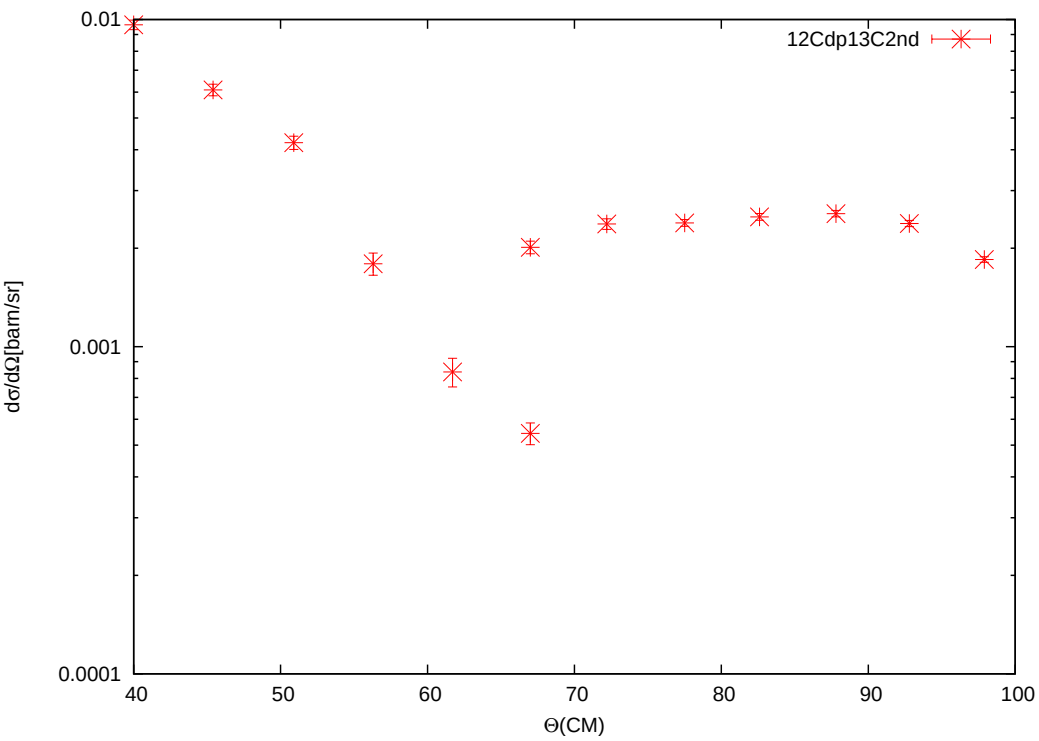
12Cdp13C1st cross section [barn]

E(LAB) = 10.00, E(CM) = 8.56, Ex = 3.09, Q-value = 2.72						
run	deg(LAB)	crssc(LAB)	error	deg(CM)	crssc(CM)	error
0205	35.9	2.808e-02	6.105e-04	39.8	2.349e-02	5.107e-04
0204	40.9	2.519e-02	5.549e-04	45.3	2.132e-02	4.698e-04
0206	45.9	1.988e-02	4.592e-04	50.7	1.706e-02	3.941e-04
0207	50.9	1.415e-02	4.214e-04	56.1	1.232e-02	3.669e-04
0208	55.9	1.001e-02	3.094e-04	61.4	8.858e-03	2.738e-04
0209	60.9	5.352e-03	1.373e-04	66.7	4.815e-03	1.235e-04
0210	60.9	5.496e-03	1.555e-04	66.7	4.945e-03	1.399e-04
0211	65.9	5.701e-03	1.432e-04	72.0	5.222e-03	1.311e-04
0212	70.9	4.844e-03	8.414e-05	77.2	4.520e-03	7.851e-05
0213	75.9	5.262e-03	8.933e-05	82.4	5.006e-03	8.498e-05
0214	80.9	5.288e-03	8.497e-05	87.5	5.131e-03	8.245e-05
0215	85.9	4.887e-03	7.471e-05	92.6	4.839e-03	7.398e-05
0216	90.9	3.938e-03	5.383e-05	97.6	3.980e-03	5.440e-05



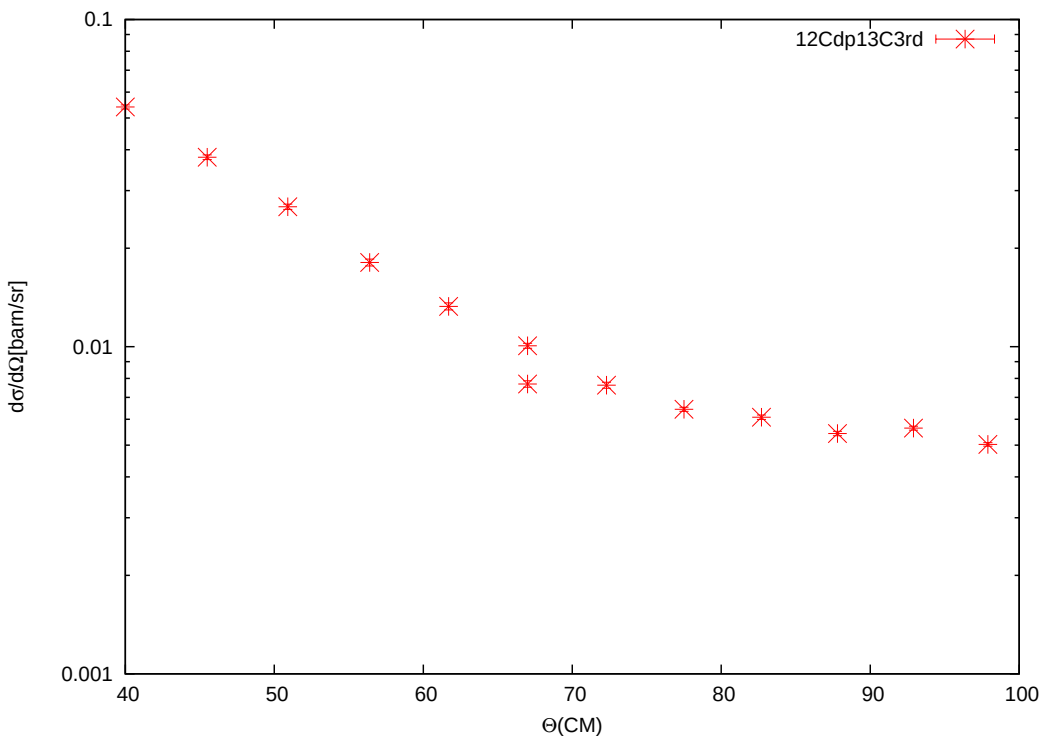
12Cdp13C2nd cross section [barn]

E(LAB) = 10.00, E(CM) = 8.56, Ex = 3.68, Q-value = 2.72						
run	deg(LAB)	crssc(LAB)	error	deg(CM)	crssc(CM)	error
0205	35.9	1.159e-02	3.922e-04	40.0	9.633e-03	3.260e-04
0204	40.9	7.241e-03	2.975e-04	45.4	6.094e-03	2.504e-04
0206	45.9	4.926e-03	2.286e-04	50.9	4.204e-03	1.950e-04
0207	50.9	2.069e-03	1.611e-04	56.3	1.793e-03	1.396e-04
0208	55.9	9.506e-04	9.534e-05	61.7	8.373e-04	8.398e-05
0209	60.9	6.060e-04	4.621e-05	67.0	5.432e-04	4.142e-05
0210	60.9	2.244e-03	9.934e-05	67.0	2.012e-03	8.904e-05
0211	65.9	2.597e-03	9.662e-05	72.2	2.371e-03	8.822e-05
0212	70.9	2.566e-03	6.124e-05	77.5	2.389e-03	5.701e-05
0213	75.9	2.625e-03	6.309e-05	82.6	2.493e-03	5.992e-05
0214	80.9	2.631e-03	5.994e-05	87.8	2.551e-03	5.811e-05
0215	85.9	2.404e-03	5.240e-05	92.8	2.380e-03	5.188e-05
0216	90.9	1.827e-03	3.666e-05	97.9	1.847e-03	3.708e-05



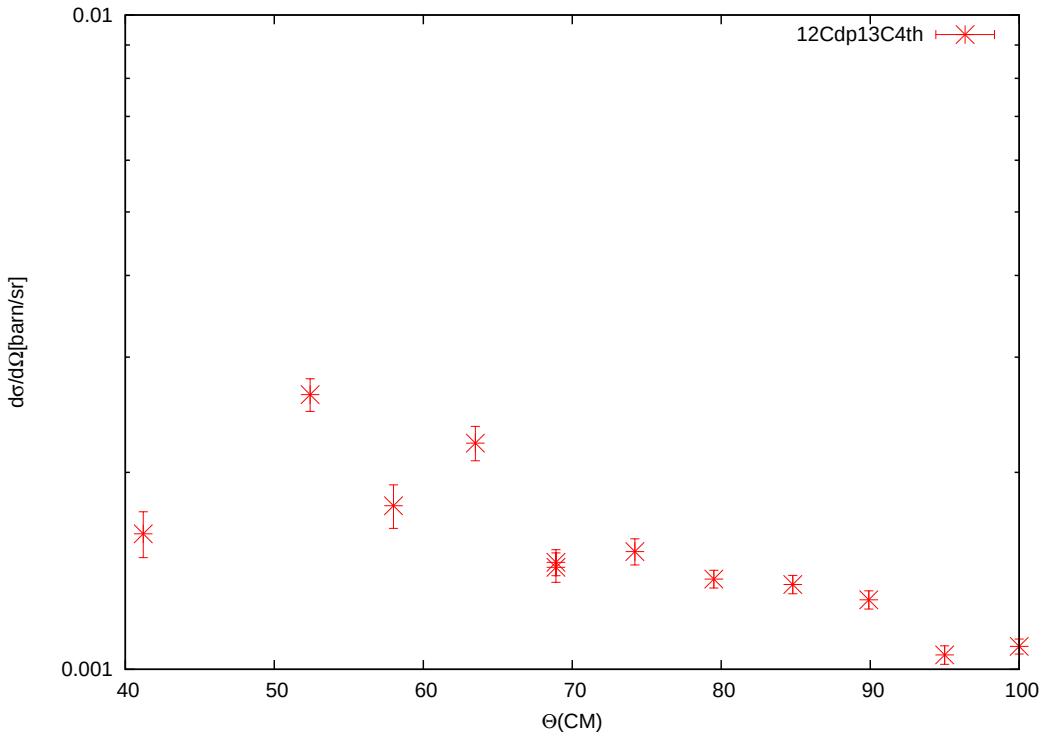
12Cdp13C3rd cross section [barn]

E(LAB) = 10.00, E(CM) = 8.56, Ex = 3.85, Q-value = 2.72						
run	deg(LAB)	crssc(LAB)	error	deg(CM)	crssc(CM)	error
0205	35.9	6.515e-02	9.299e-04	40.0	5.404e-02	7.713e-04
0204	40.9	4.518e-02	7.432e-04	45.5	3.795e-02	6.243e-04
0206	45.9	3.142e-02	5.773e-04	50.9	2.677e-02	4.918e-04
0207	50.9	2.091e-02	5.123e-04	56.4	1.809e-02	4.432e-04
0208	55.9	1.510e-02	3.800e-04	61.7	1.328e-02	3.343e-04
0209	60.9	1.124e-02	1.990e-04	67.0	1.006e-02	1.781e-04
0210	60.9	8.588e-03	1.943e-04	67.0	7.689e-03	1.740e-04
0211	65.9	8.358e-03	1.733e-04	72.3	7.624e-03	1.581e-04
0212	70.9	6.918e-03	1.005e-04	77.5	6.435e-03	9.353e-05
0213	75.9	6.410e-03	9.859e-05	82.7	6.085e-03	9.359e-05
0214	80.9	5.600e-03	8.744e-05	87.8	5.427e-03	8.475e-05
0215	85.9	5.694e-03	8.064e-05	92.9	5.637e-03	7.983e-05
0216	90.9	4.971e-03	6.047e-05	97.9	5.028e-03	6.117e-05



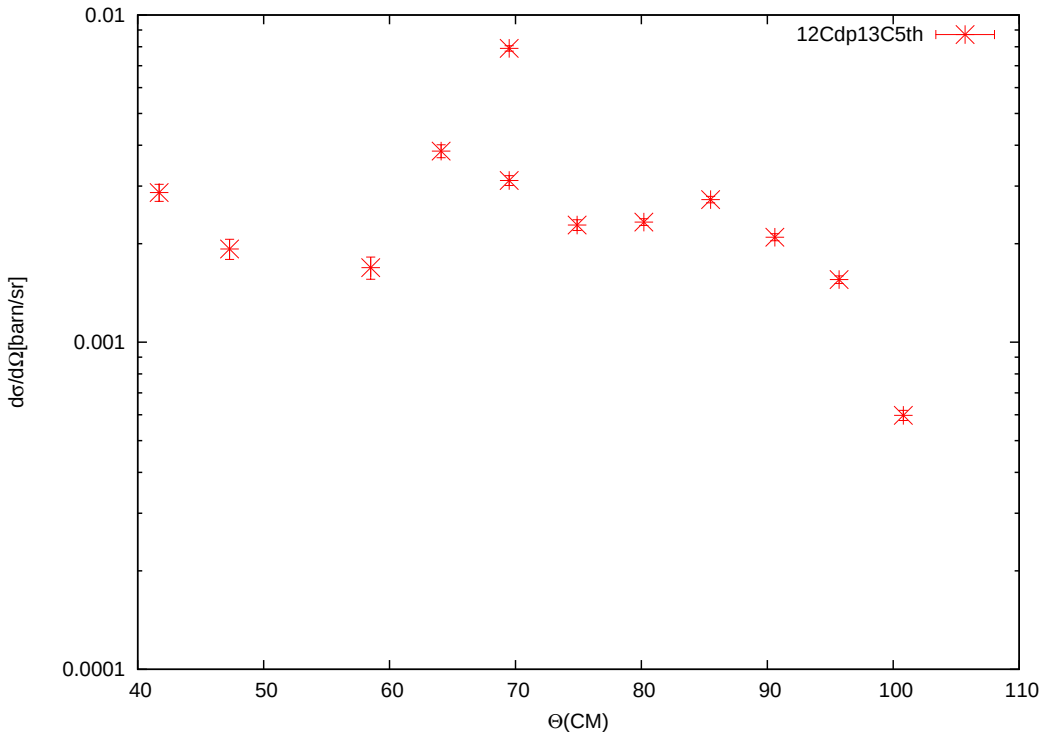
12Cdp13C4th cross section [barn]

E(LAB) = 10.00, E(CM) = 8.56, Ex = 6.86, Q-value = 2.72						
run	deg(LAB)	crssc(LAB)	error	deg(CM)	crssc(CM)	error
0205	35.9	2.045e-03	1.648e-04	41.2	1.611e-03	1.298e-04
0206	45.9	3.225e-03	1.849e-04	52.4	2.629e-03	1.508e-04
0207	50.9	2.138e-03	1.638e-04	58.0	1.778e-03	1.362e-04
0208	55.9	2.610e-03	1.580e-04	63.5	2.217e-03	1.342e-04
0209	60.9	1.677e-03	7.687e-05	68.9	1.457e-03	6.680e-05
0210	60.9	1.648e-03	8.513e-05	68.9	1.432e-03	7.398e-05
0211	65.9	1.700e-03	7.817e-05	74.2	1.513e-03	6.959e-05
0212	70.9	1.505e-03	4.690e-05	79.5	1.374e-03	4.282e-05
0213	75.9	1.438e-03	4.670e-05	84.8	1.348e-03	4.377e-05
0214	80.9	1.326e-03	4.255e-05	89.9	1.277e-03	4.097e-05
0215	85.9	1.063e-03	3.484e-05	95.0	1.052e-03	3.448e-05
0216	90.9	1.065e-03	2.799e-05	100.0	1.084e-03	2.849e-05



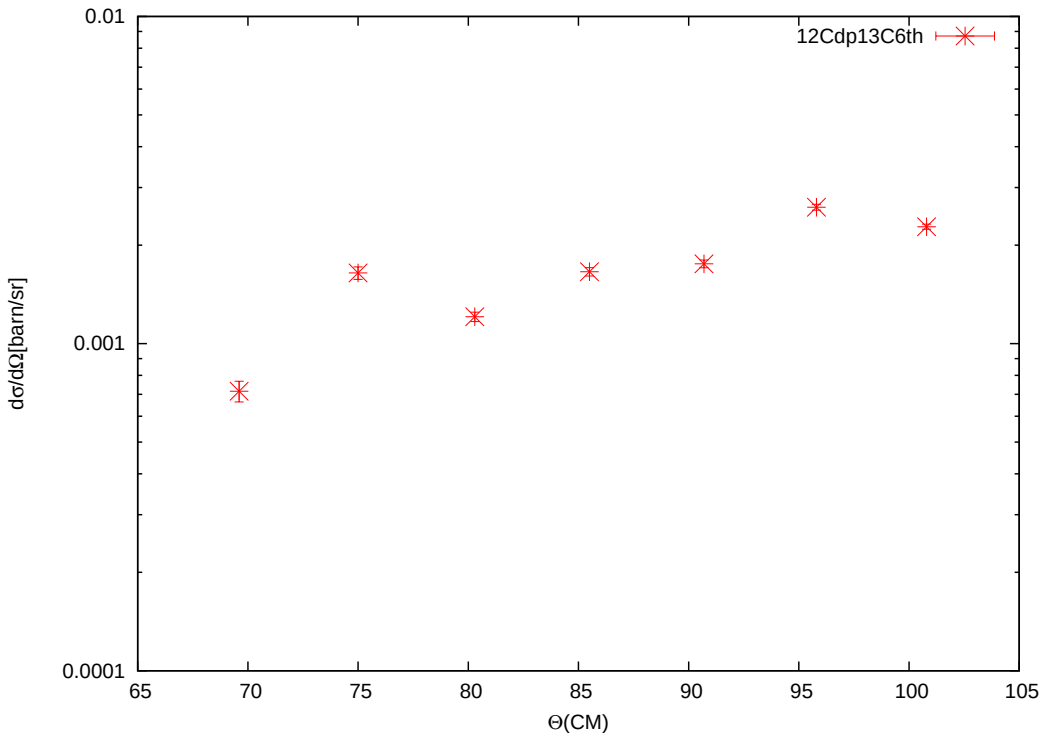
12Cdp13C5th cross section [barn]

E(LAB) = 10.00, E(CM) = 8.56, Ex = 7.49, Q-value = 2.72						
run	deg(LAB)	crssc(LAB)	error	deg(CM)	crssc(CM)	error
0205	35.9	3.702e-03	2.216e-04	41.7	2.865e-03	1.716e-04
0204	40.9	2.445e-03	1.729e-04	47.3	1.926e-03	1.362e-04
0207	50.9	2.059e-03	1.607e-04	58.5	1.689e-03	1.318e-04
0208	55.9	4.571e-03	2.091e-04	64.1	3.837e-03	1.755e-04
0209	60.9	9.188e-03	1.799e-04	69.5	7.905e-03	1.548e-04
0210	60.9	3.627e-03	1.263e-04	69.5	3.120e-03	1.086e-04
0211	65.9	2.584e-03	9.638e-05	74.9	2.281e-03	8.510e-05
0212	70.9	2.566e-03	6.124e-05	80.2	2.328e-03	5.556e-05
0213	75.9	2.922e-03	6.657e-05	85.5	2.728e-03	6.214e-05
0214	80.9	2.178e-03	5.453e-05	90.6	2.093e-03	5.241e-05
0215	85.9	1.568e-03	4.232e-05	95.7	1.553e-03	4.190e-05
0216	90.9	5.854e-04	2.075e-05	100.8	5.975e-04	2.118e-05



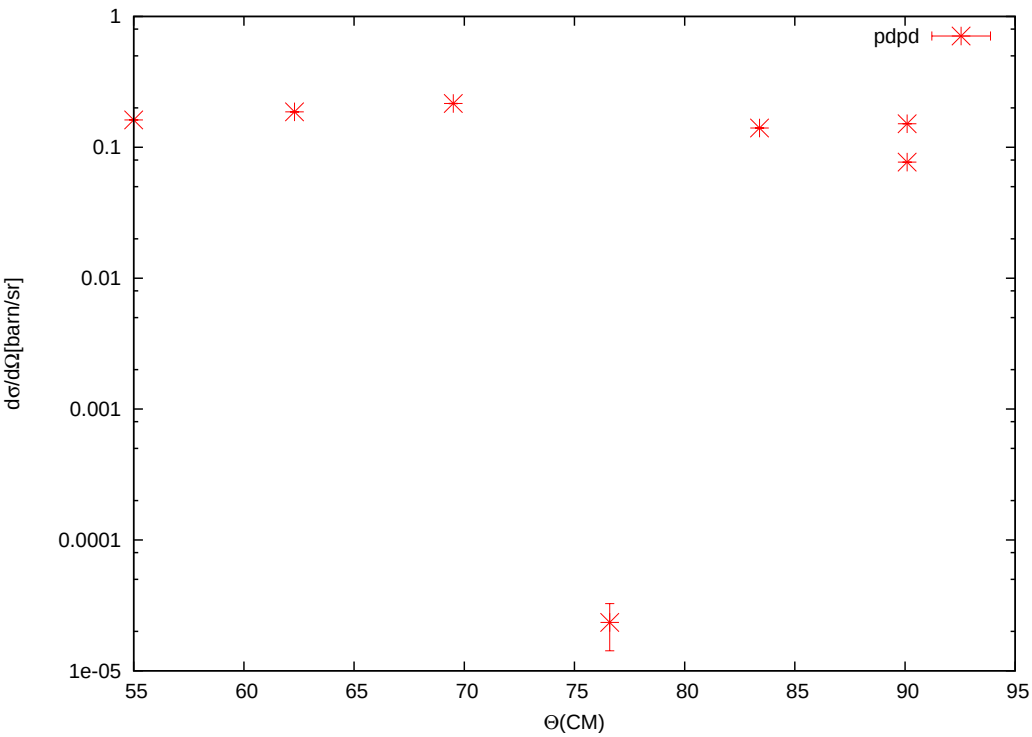
12Cdp13C6th cross section [barn]

E(LAB) = 10.00, E(CM) = 8.56, Ex = 7.55, Q-value = 2.72						
run	deg(LAB)	crssc(LAB)	error	deg(CM)	crssc(CM)	error
0210	60.9	8.319e-04	6.048e-05	69.6	7.150e-04	5.198e-05
0211	65.9	1.863e-03	8.184e-05	75.0	1.644e-03	7.220e-05
0212	70.9	1.332e-03	4.412e-05	80.3	1.208e-03	4.001e-05
0213	75.9	1.777e-03	5.192e-05	85.5	1.658e-03	4.844e-05
0214	80.9	1.826e-03	4.993e-05	90.7	1.754e-03	4.797e-05
0215	85.9	2.638e-03	5.489e-05	95.8	2.612e-03	5.436e-05
0216	90.9	2.230e-03	4.051e-05	100.8	2.277e-03	4.135e-05



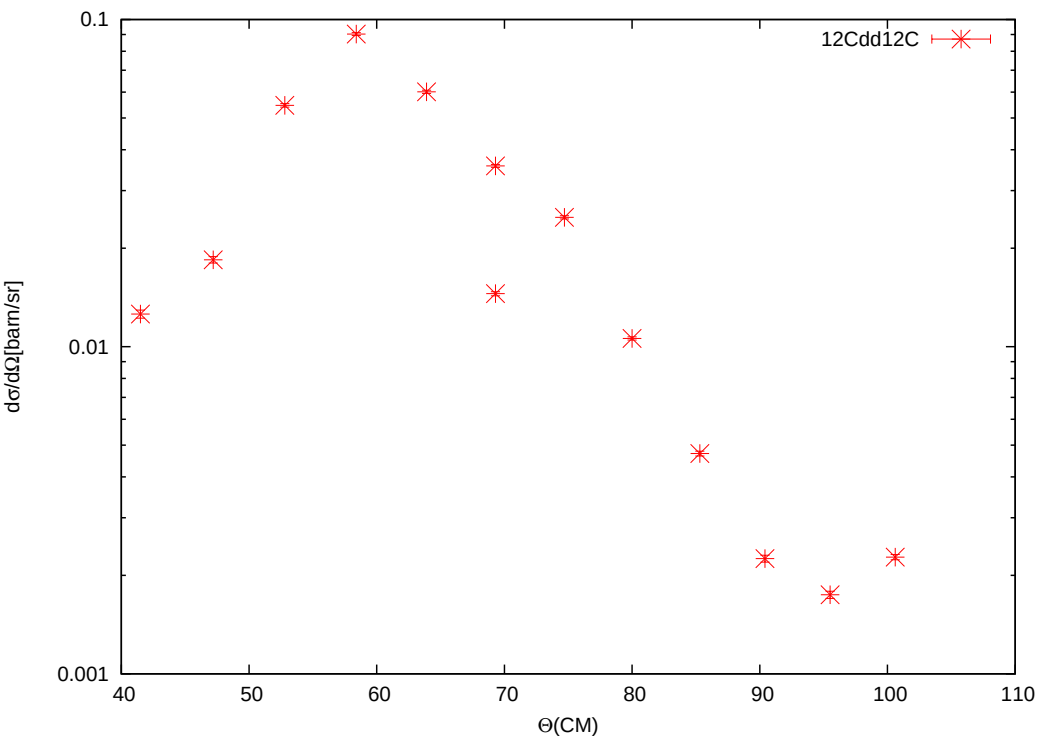
pdpd cross section [barn].

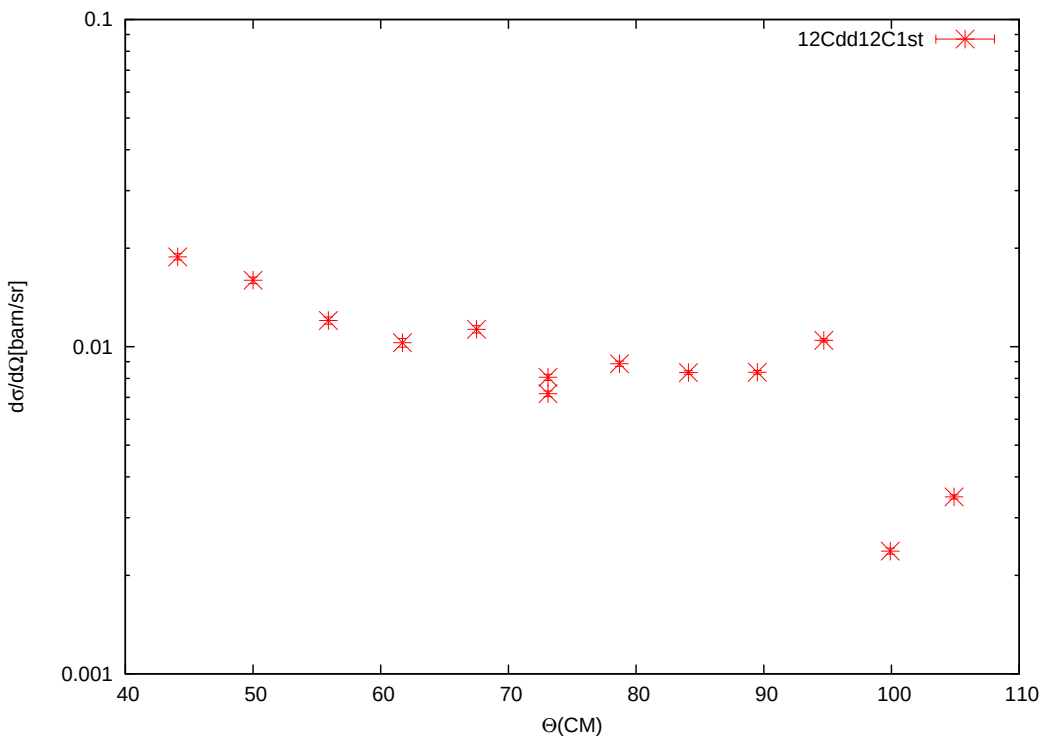
E(LAB) = 10.00, E(CM) = 3.33, Ex = 0.00, Q-value = 7.28						
run	deg(LAB)	crssc(LAB)	error	deg(CM)	crssc(CM)	error
0205	35.9	3.347e-01	1.490e-03	55.0	1.620e-01	7.215e-04
0204	40.9	3.669e-01	1.498e-03	62.3	1.866e-01	7.618e-04
0206	45.9	4.014e-01	1.459e-03	69.5	2.161e-01	7.854e-04
0207	50.9	4.078e-05	1.599e-05	76.6	2.340e-05	9.176e-06
0208	55.9	2.279e-01	1.044e-03	83.4	1.404e-01	6.431e-04
0209	60.9	1.155e-01	4.511e-04	90.1	7.701e-02	3.007e-04
0210	60.9	2.273e-01	7.070e-04	90.1	1.515e-01	4.712e-04



12Cdd12C cross section [barn]

E(LAB) = 10.00, E(CM) = 8.56, Ex = 0.00, Q-value = 0.00						
run	deg(LAB)	crssc(LAB)	error	deg(CM)	crssc(CM)	error
0205	35.9	1.618e-02	4.634e-04	41.5	1.258e-02	3.604e-04
0204	40.9	2.329e-02	5.336e-04	47.2	1.843e-02	4.222e-04
0206	45.9	6.778e-02	8.478e-04	52.8	5.466e-02	6.837e-04
0207	50.9	1.096e-01	1.173e-03	58.4	9.027e-02	9.657e-04
0208	55.9	7.139e-02	8.263e-04	63.9	6.012e-02	6.958e-04
0209	60.9	1.683e-02	2.435e-04	69.3	1.452e-02	2.101e-04
0210	60.9	4.137e-02	4.265e-04	69.3	3.569e-02	3.679e-04
0211	65.9	2.808e-02	3.177e-04	74.7	2.485e-02	2.812e-04
0212	70.9	1.166e-02	1.305e-04	80.0	1.060e-02	1.186e-04
0213	75.9	5.044e-03	8.746e-05	85.3	4.713e-03	8.172e-05
0214	80.9	2.339e-03	5.651e-05	90.4	2.249e-03	5.434e-05
0215	85.9	1.761e-03	4.485e-05	95.5	1.744e-03	4.440e-05
0216	90.9	2.230e-03	4.051e-05	100.6	2.274e-03	4.131e-05



12Cdd12C1st cross section [barn]

E(LAB) = 10.00, E(CM) = 8.56, Ex = 4.44, Q-value = 0.00						
run	deg(LAB)	crssc(LAB)	error	deg(CM)	crssc(CM)	error
0205	35.9	2.673e-02	5.956e-04	44.1	1.882e-02	4.193e-04
0204	40.9	2.213e-02	5.202e-04	50.0	1.596e-02	3.751e-04
0206	45.9	1.623e-02	4.148e-04	55.9	1.202e-02	3.072e-04
0207	50.9	1.347e-02	4.112e-04	61.7	1.028e-02	3.136e-04
0208	55.9	1.434e-02	3.704e-04	67.5	1.130e-02	2.917e-04
0209	60.9	8.808e-03	1.762e-04	73.1	7.179e-03	1.436e-04
0210	60.9	9.889e-03	2.085e-04	73.1	8.061e-03	1.700e-04
0211	65.9	1.049e-02	1.942e-04	78.7	8.868e-03	1.642e-04
0212	70.9	9.486e-03	1.177e-04	84.1	8.333e-03	1.034e-04
0213	75.9	9.132e-03	1.177e-04	89.5	8.351e-03	1.076e-04
0214	80.9	1.096e-02	1.223e-04	94.7	1.045e-02	1.166e-04
0215	85.9	2.385e-03	5.219e-05	99.9	2.372e-03	5.191e-05
0216	90.9	3.344e-03	4.960e-05	104.9	3.473e-03	5.152e-05