

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

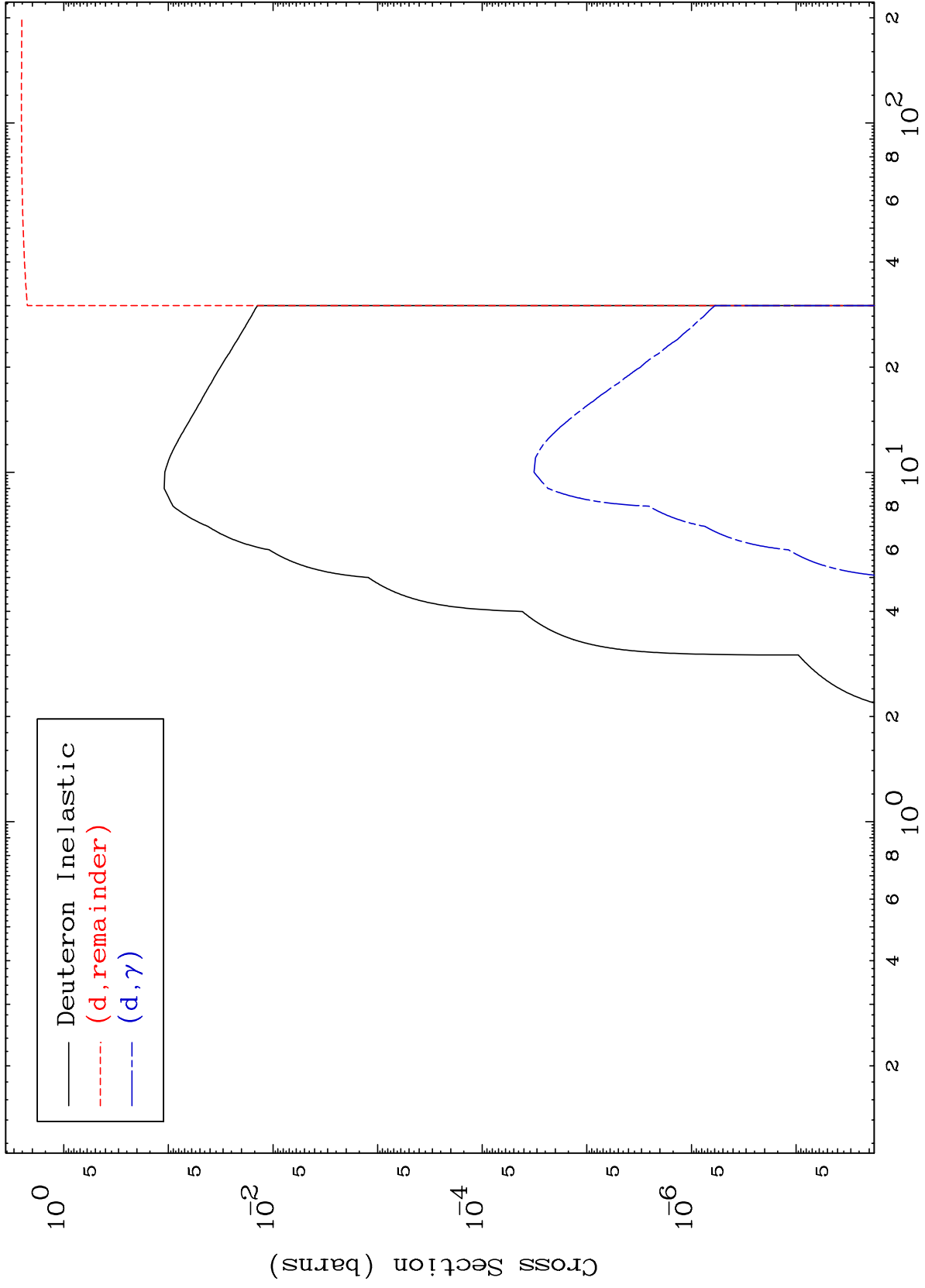
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

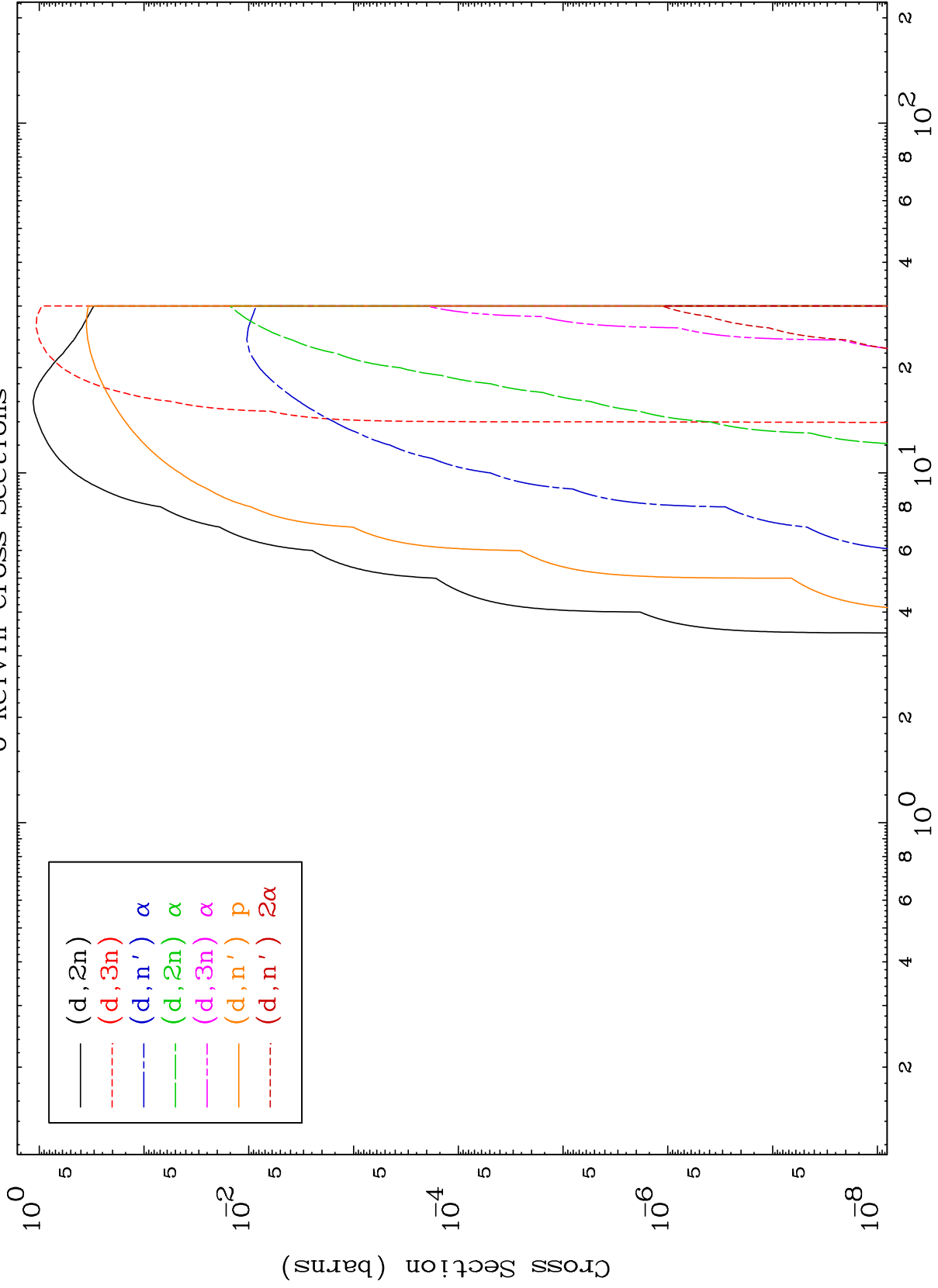
Tele: 925-443-1911

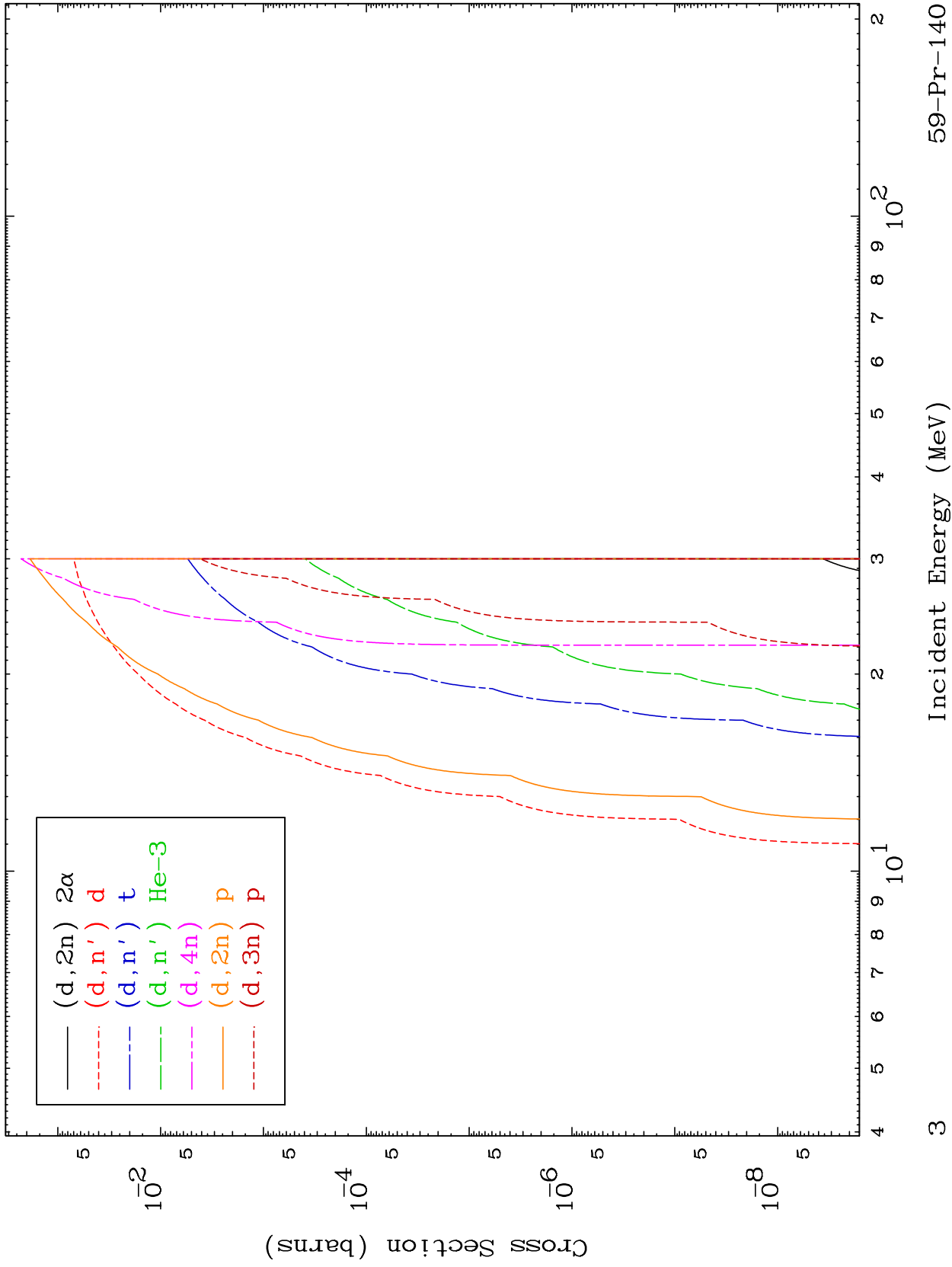
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

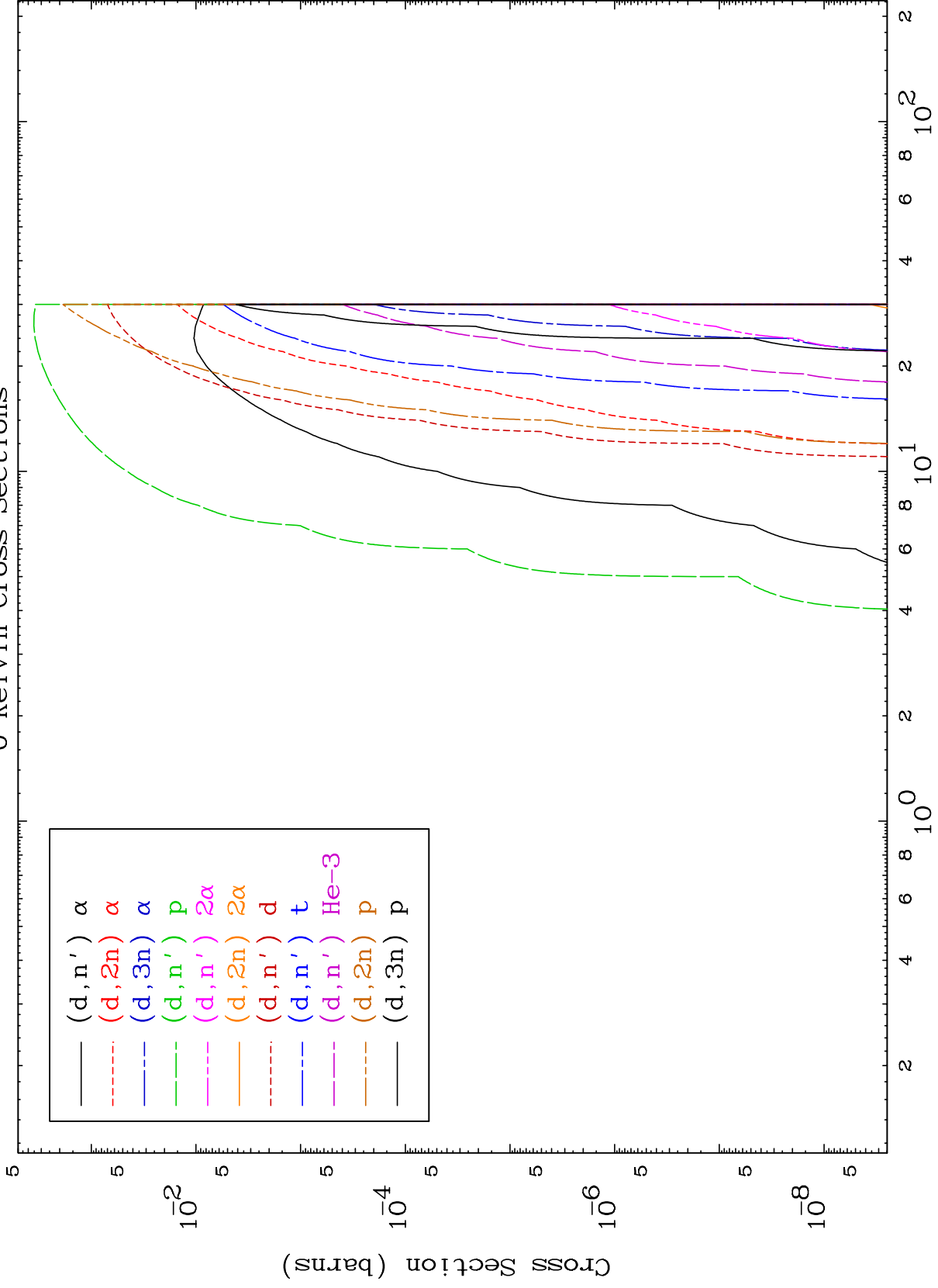
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

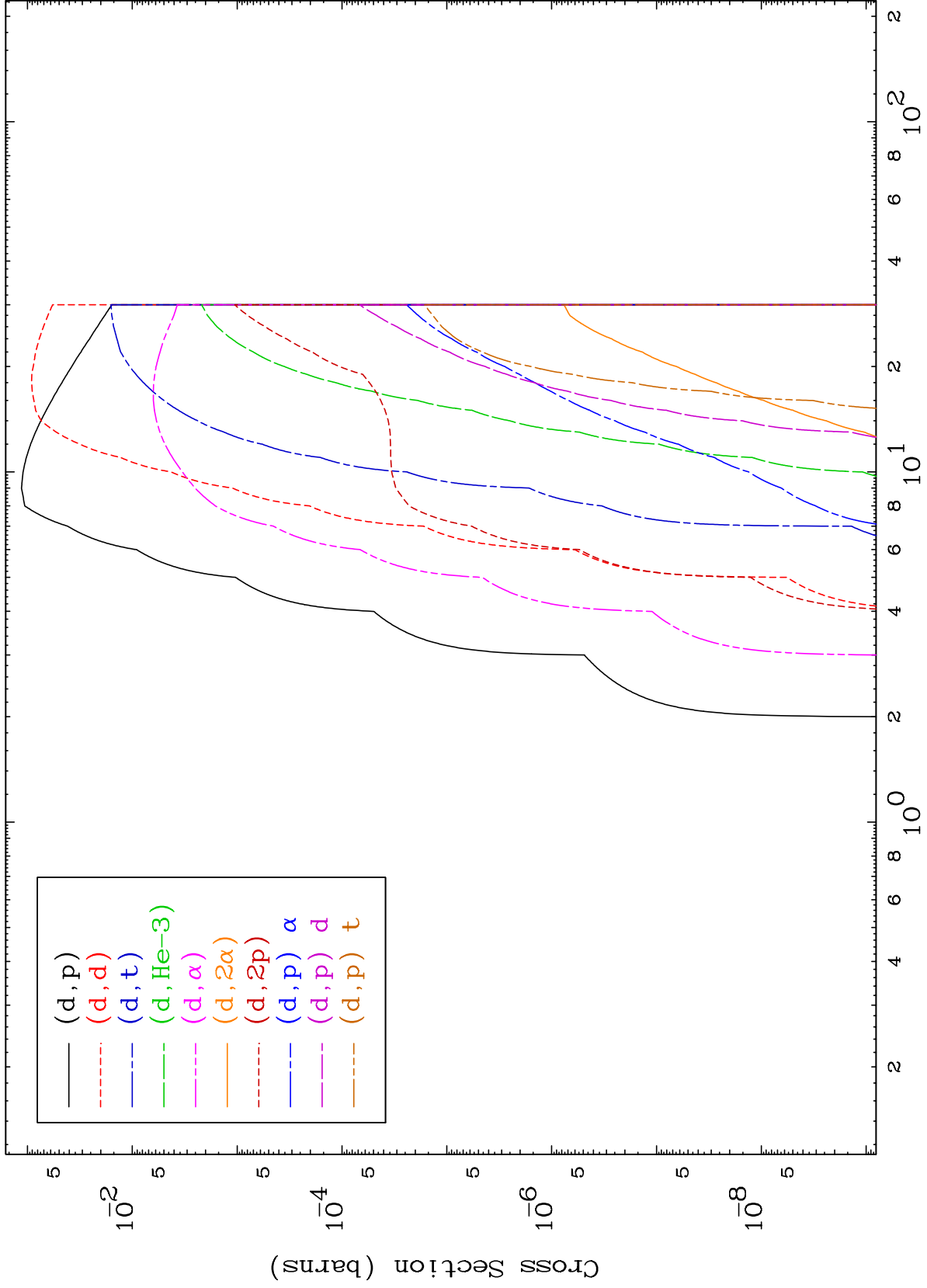
Press Mouse Button to Start









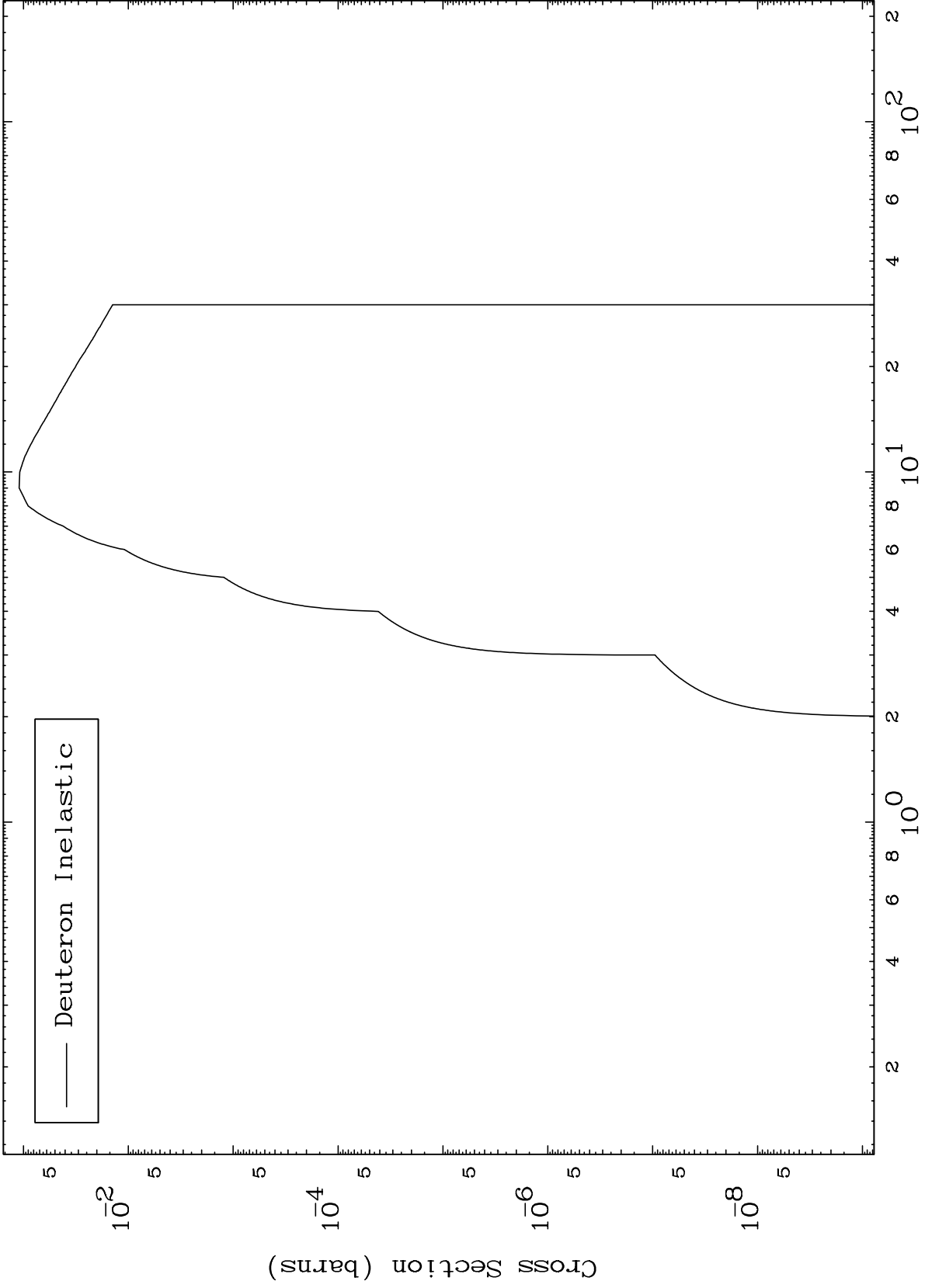


MAT 5922

(d,n') Level

59-Pr-140

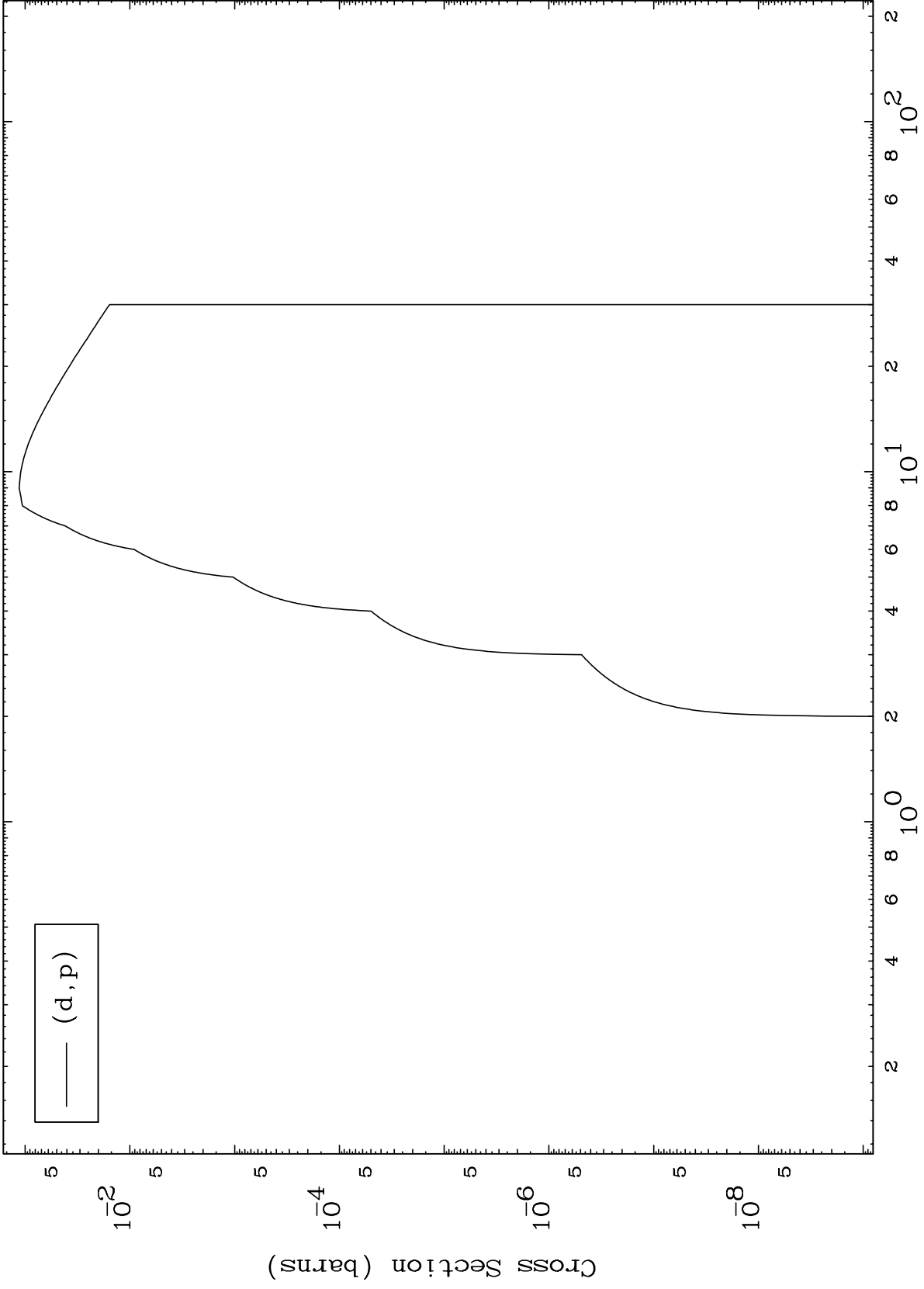
0 Kelvin Cross Sections



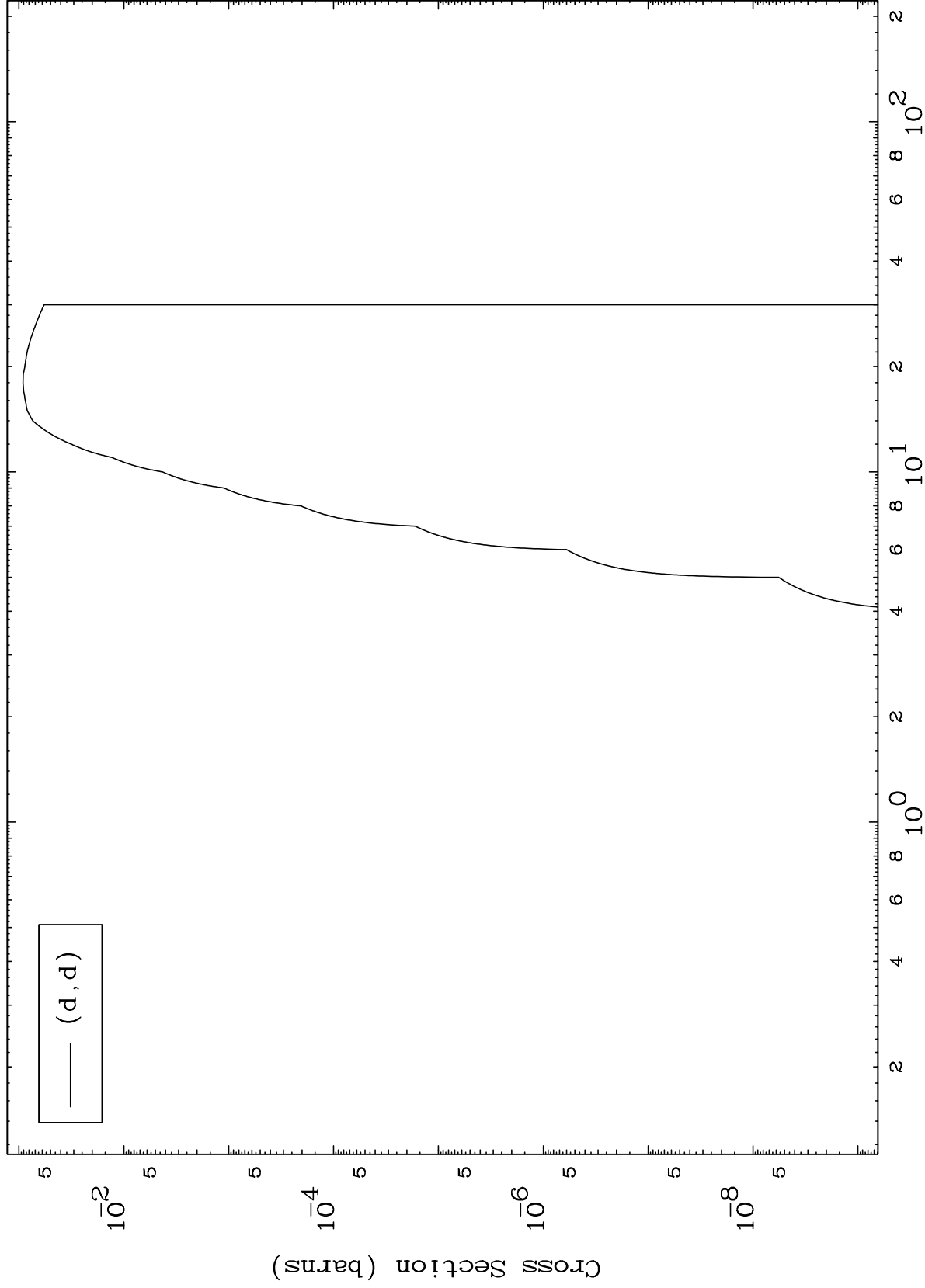
MAT 5922

59-Pr-140

(d,p) Levels  
0 Kelvin Cross Sections



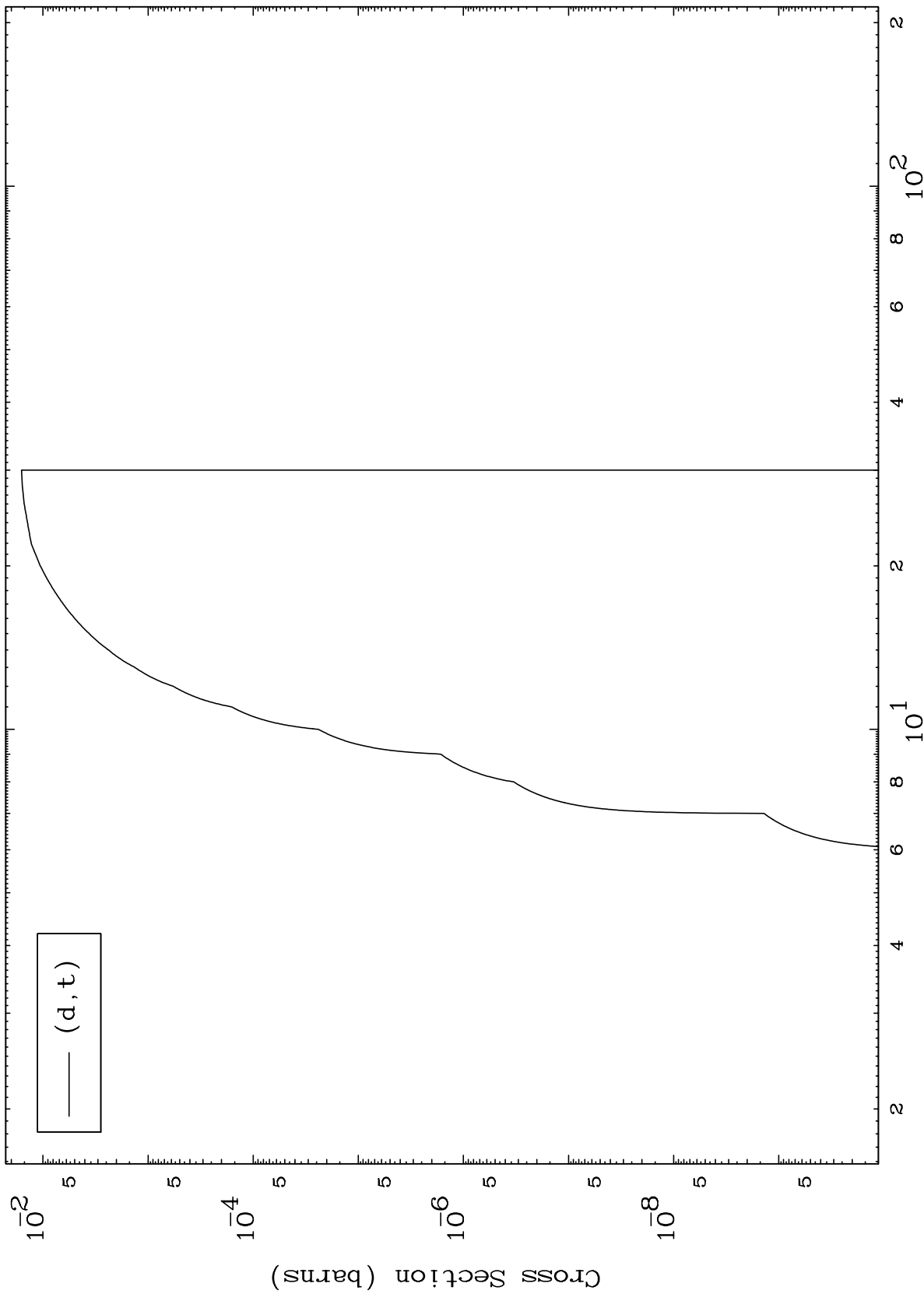
0 Kelvin Cross Sections



MAT 5922

59-Pr-140

(d,t) Levels  
0 Kelvin Cross Sections



(d,t)

59-Pr-140

Incident Energy (MeV)

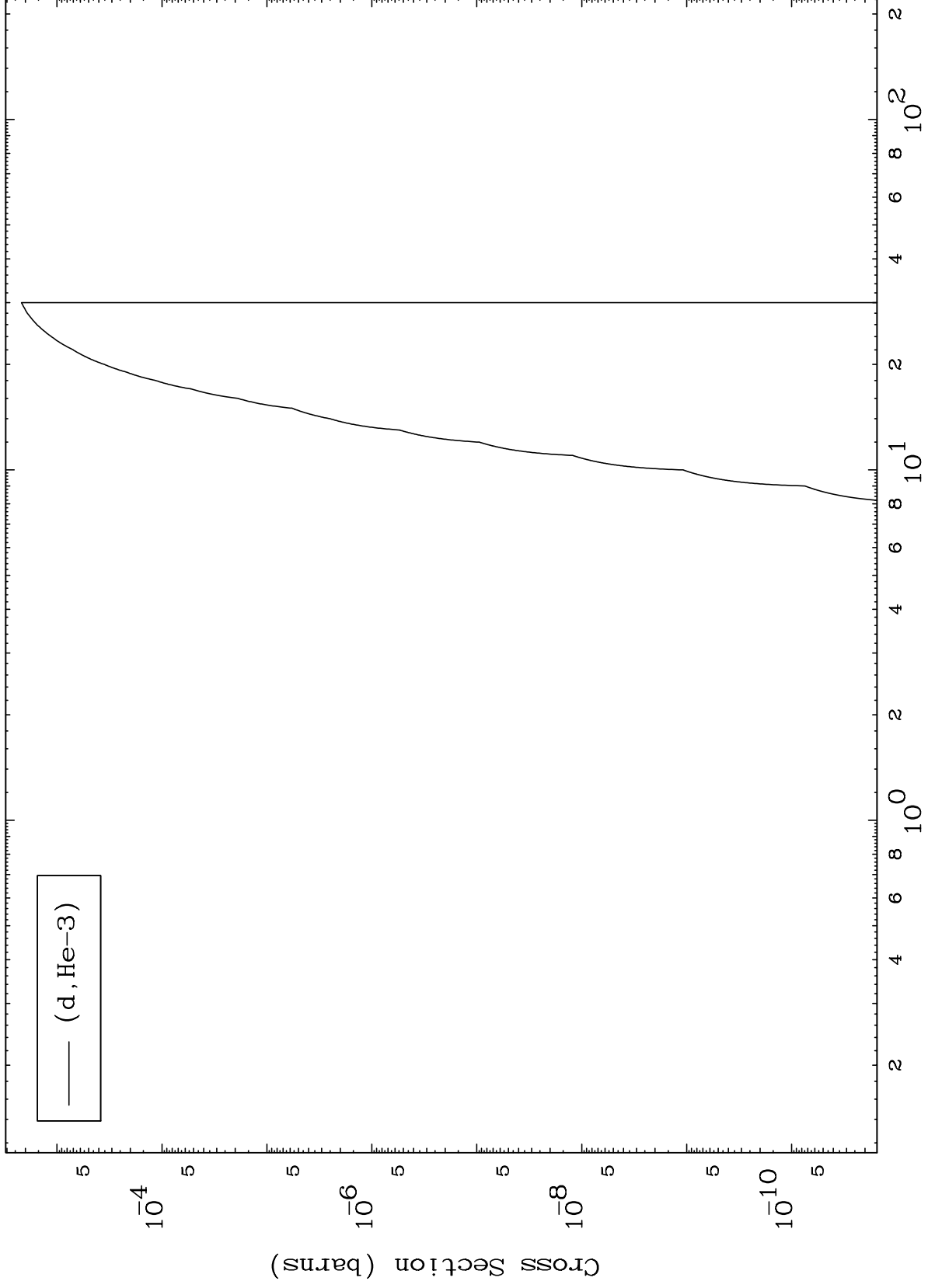
9

MAT 5922

(d,He3) Levels

59-Pr-140

0 Kelvin Cross Sections



10

Incident Energy (MeV)

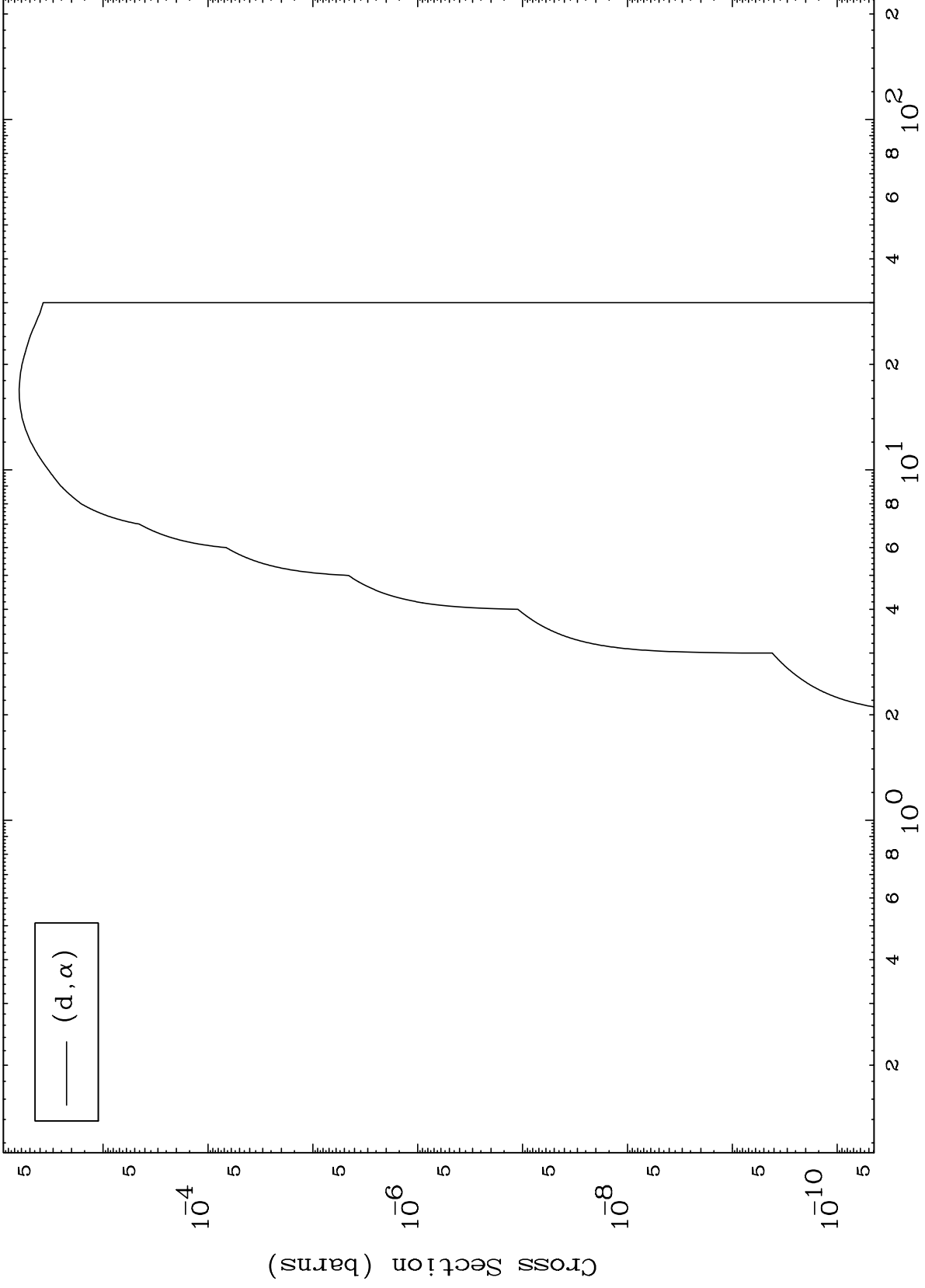
59-Pr-140

MAT 5922

(d,  $\alpha$ ) Levels

59-Pr-140

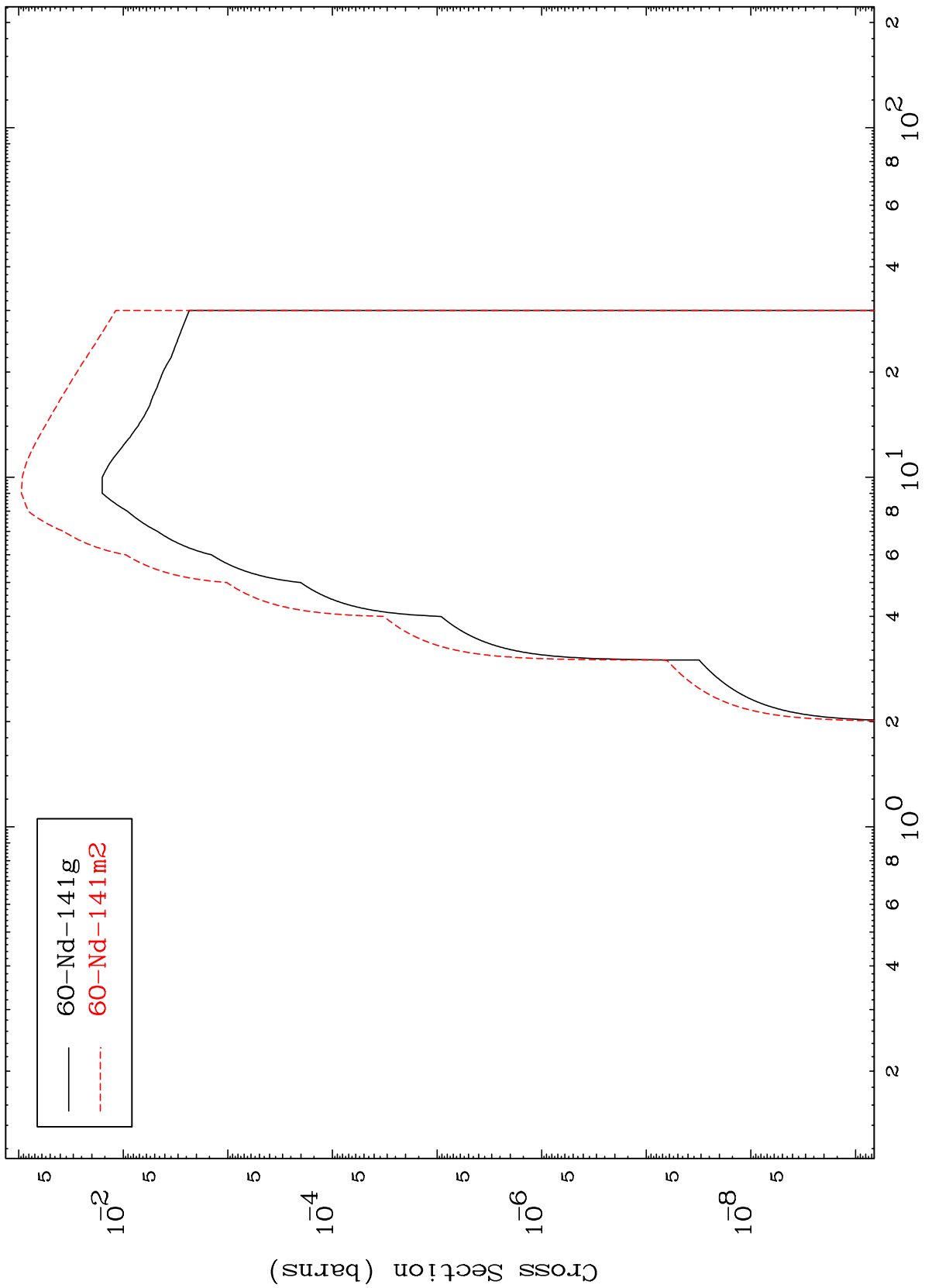
0 Kelvin Cross Sections



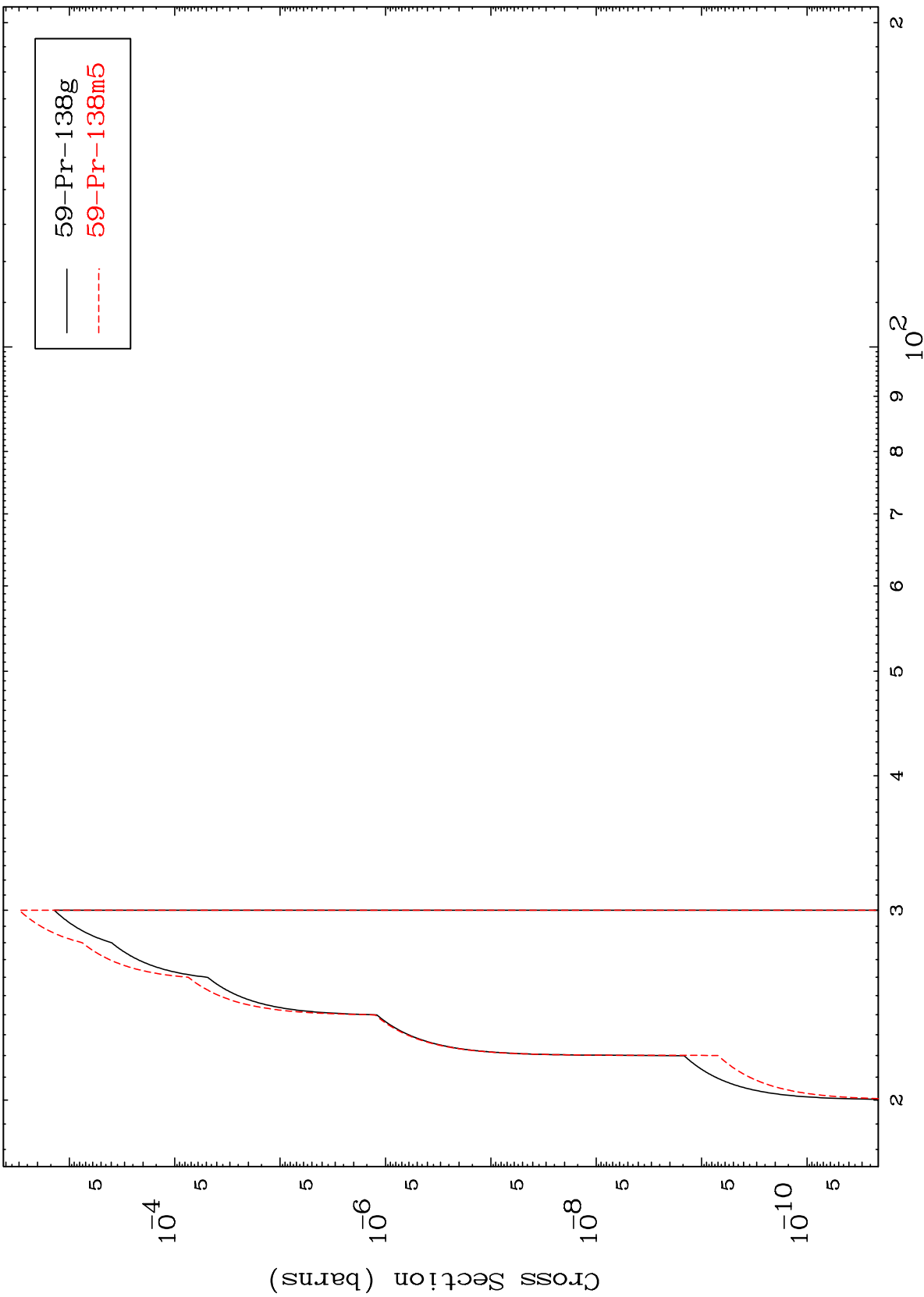
MAT 5922

59-Pr-140

Deuteron Inelastic  
Radionuclide Production Cross Section



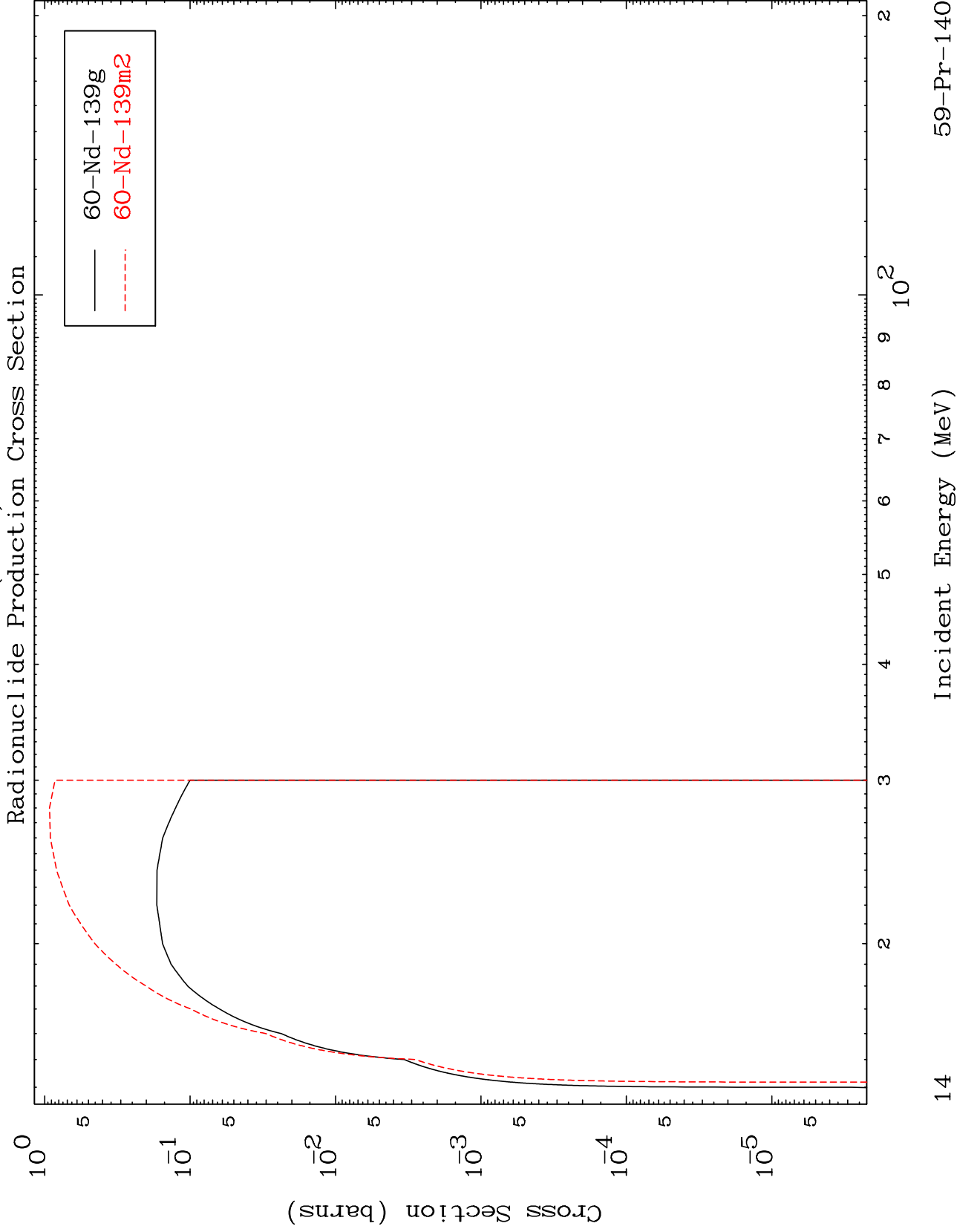
Radionuclide Production Cross Section



MAT 5922

(d,3n)

59-Pr-140



14

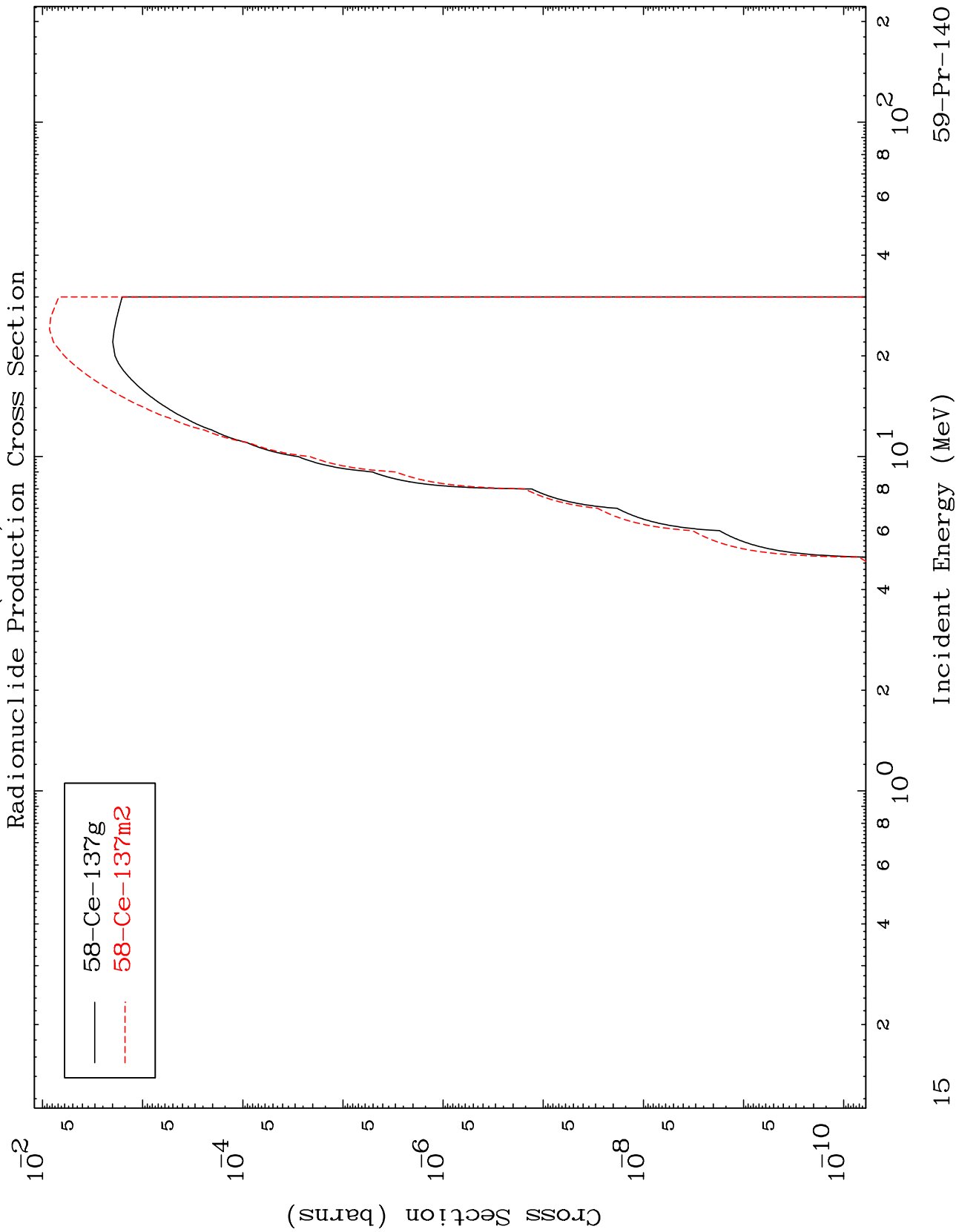
Incident Energy (MeV)

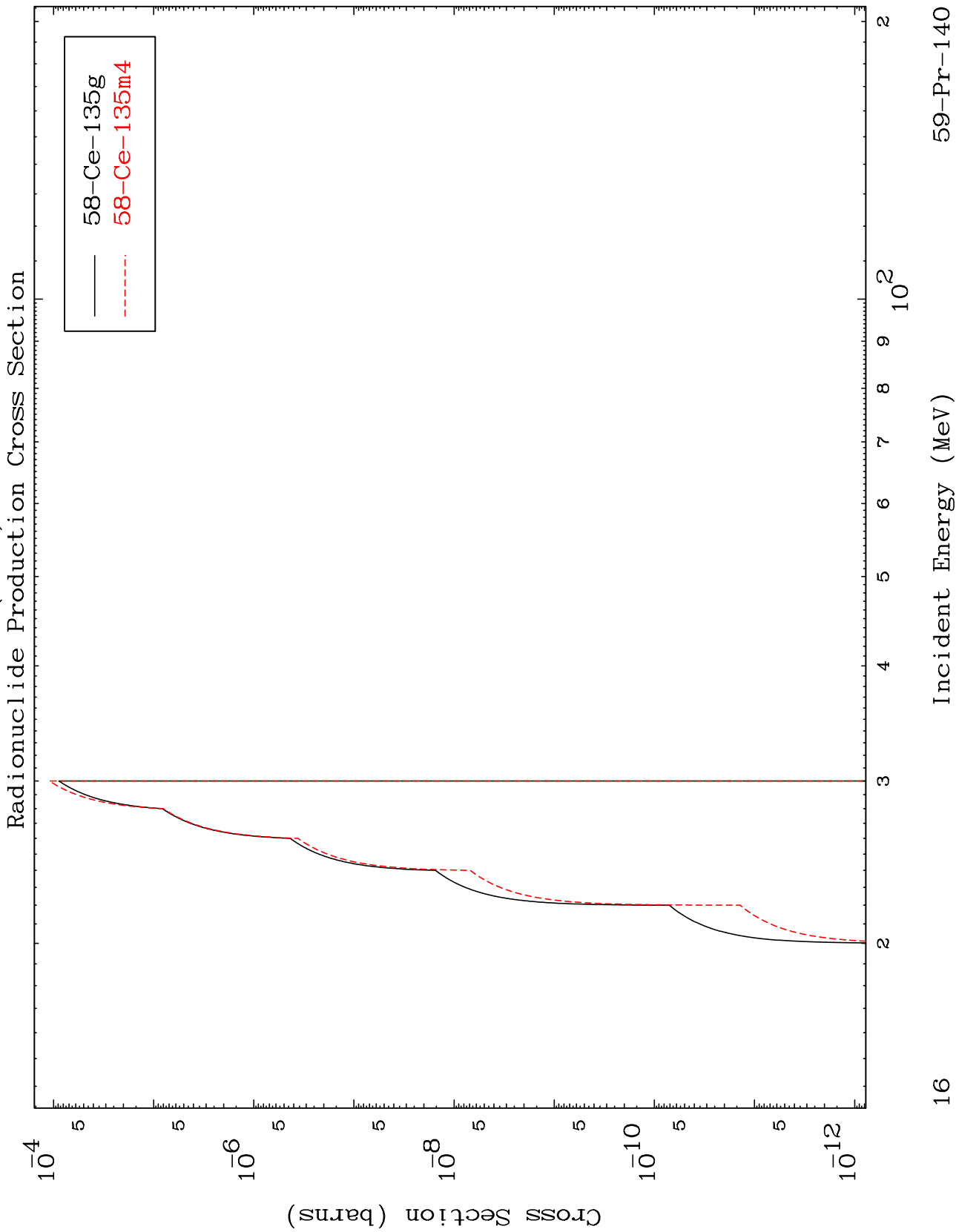
59-Pr-140

MAT 5922

(d,n')  $\alpha$

59-Pr-140



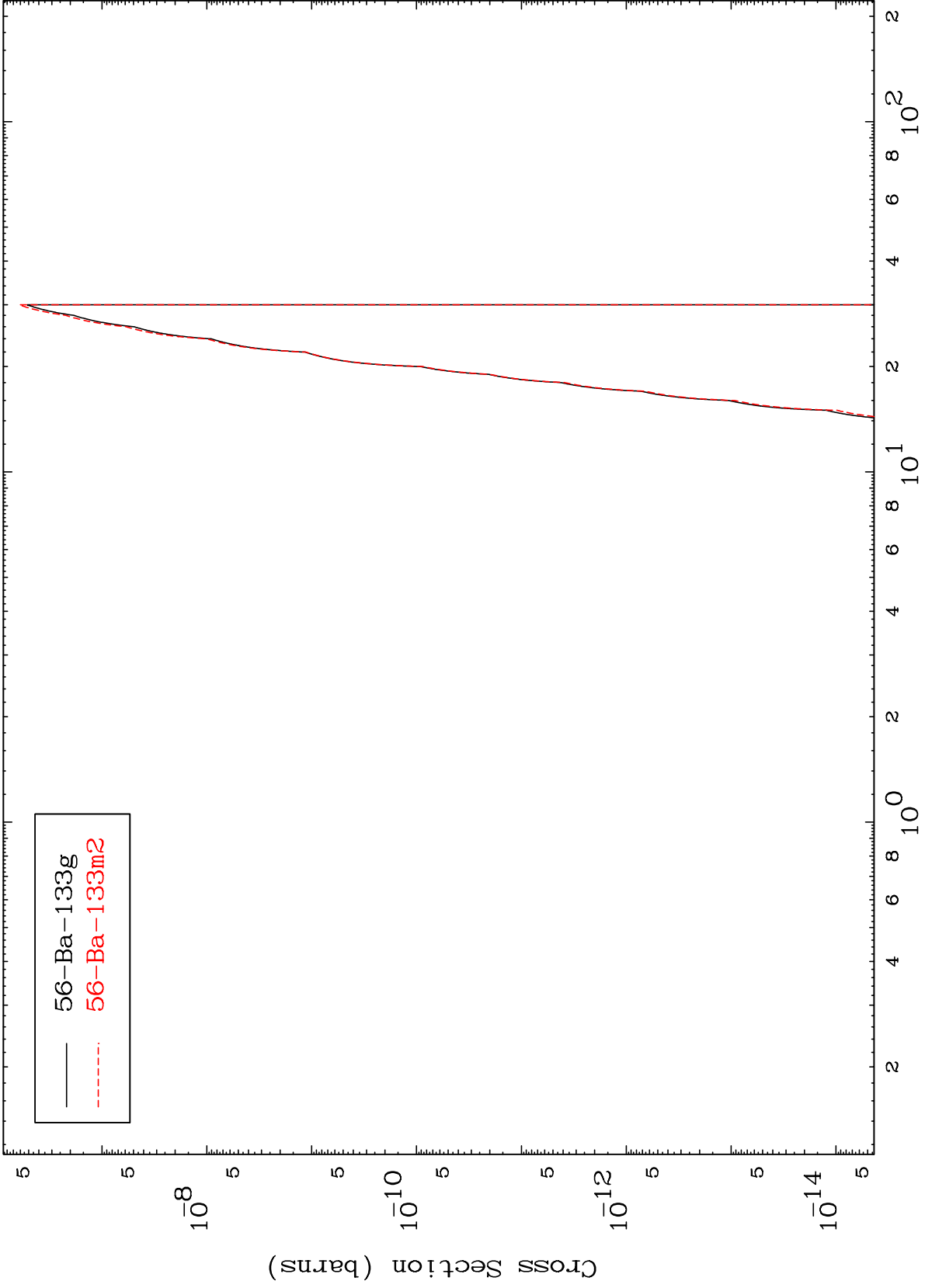


MAT 5922

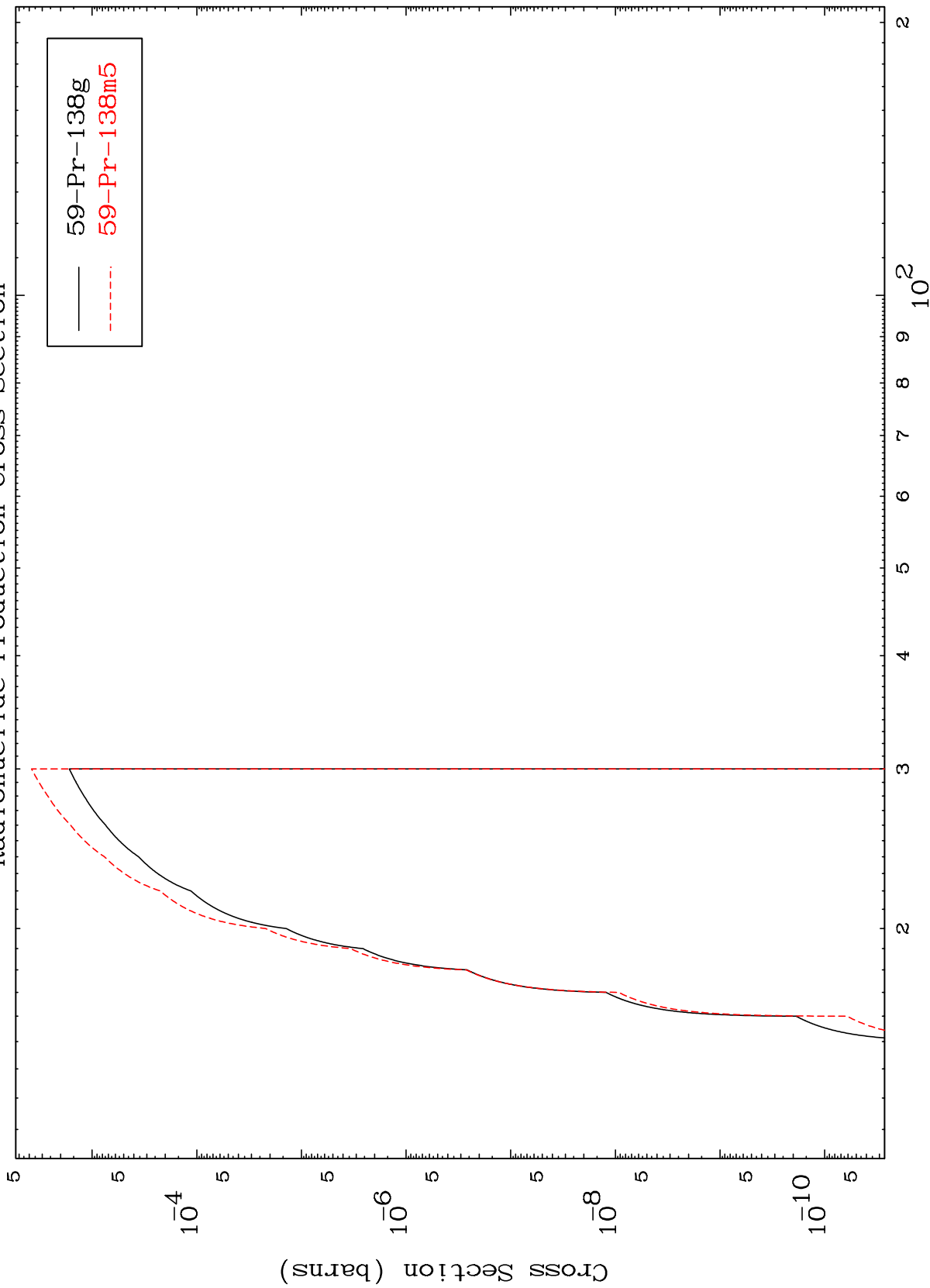
(d,n') 2 $\alpha$

59-Pr-140

Radionuclide Production Cross Section



Radionuclide Production Cross Section

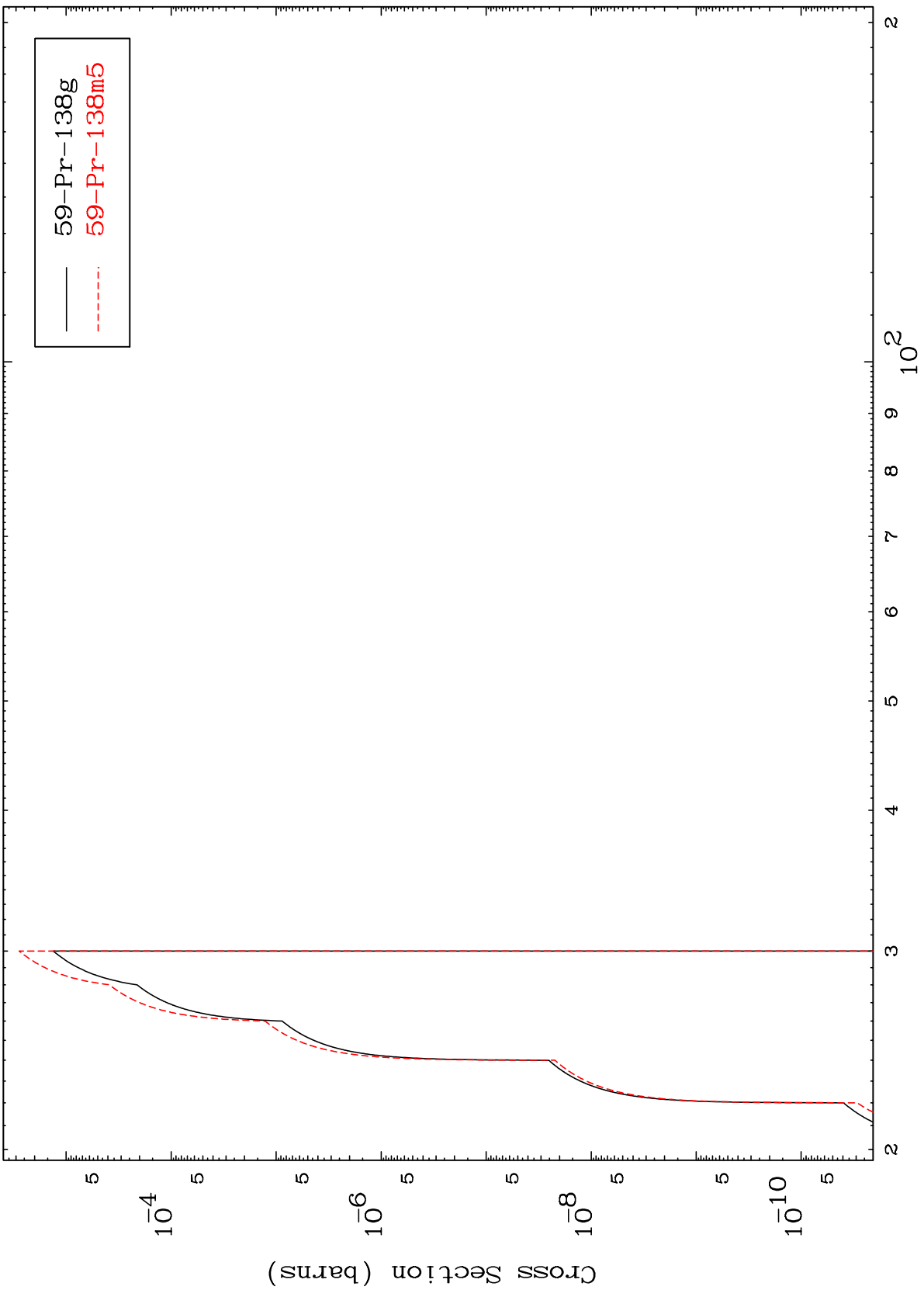


MAT 5922

(d,3n) p

59-Pr-140

Radionuclide Production Cross Section



59-Pr-138g  
59-Pr-138m5

19

Incident Energy (MeV)

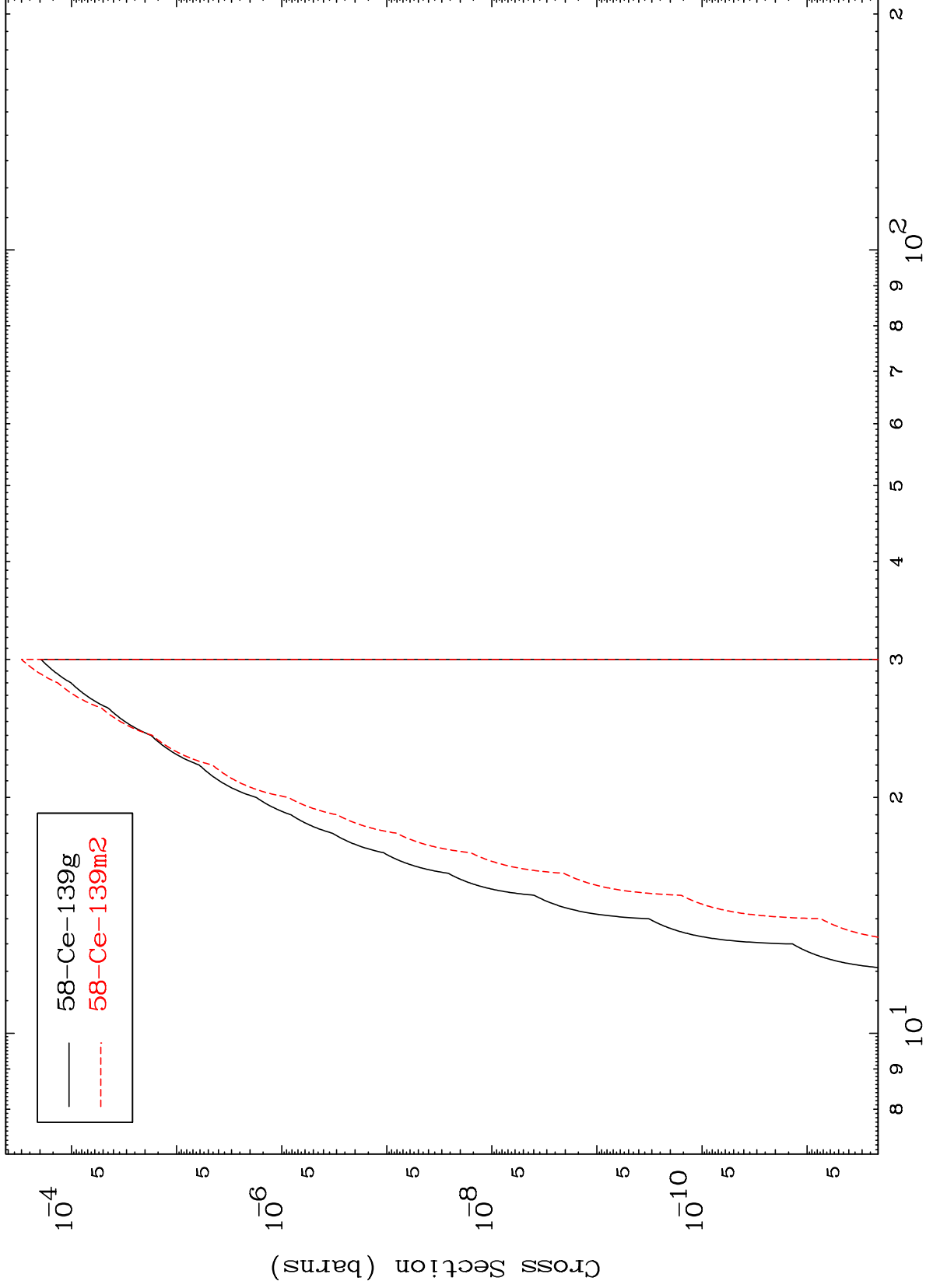
59-Pr-140

MAT 5922

(d,2n) p

59-Pr-140

Radionuclide Production Cross Section



20

Incident Energy (MeV)

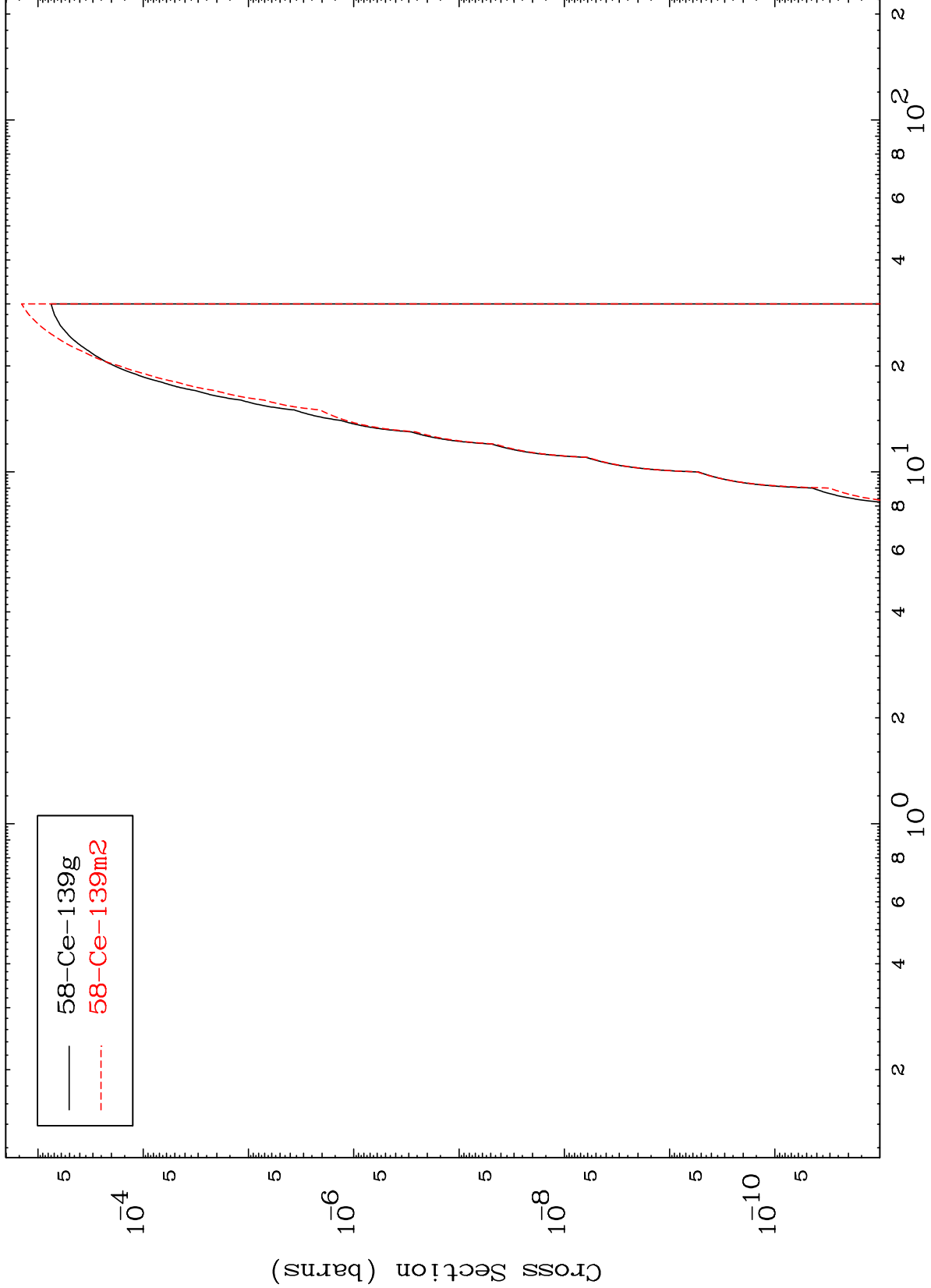
59-Pr-140

MAT 5922

(d,He-3)

59-Pr-140

Radionuclide Production Cross Section

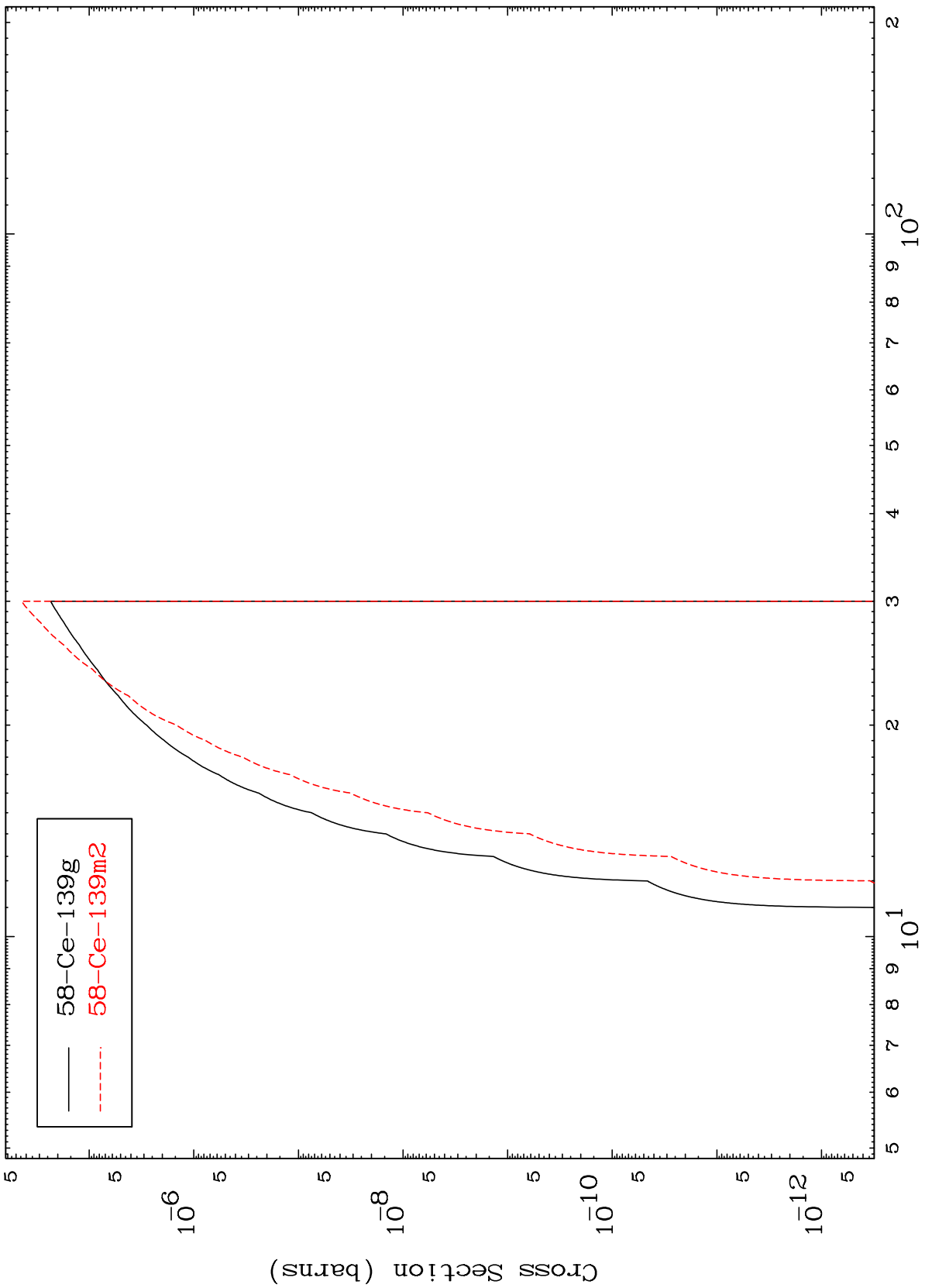


MAT 5922

(d,p) d

59-Pr-140

Radionuclide Production Cross Section



58-Ce-139g  
58-Ce-139m2

22

Incident Energy (MeV)

59-Pr-140