

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)

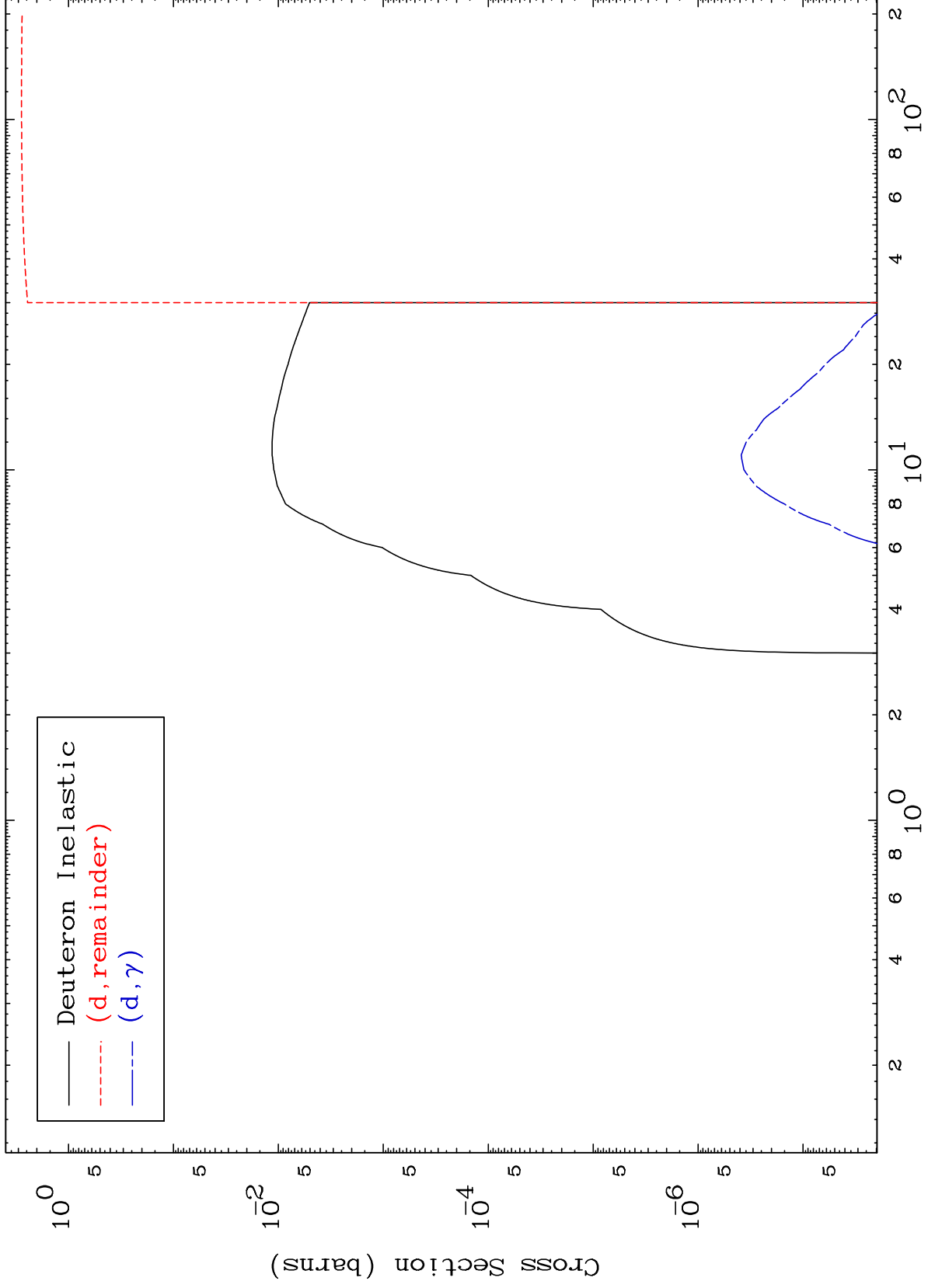
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6270

Deuteron Major  
0 Kelvin Cross Sections

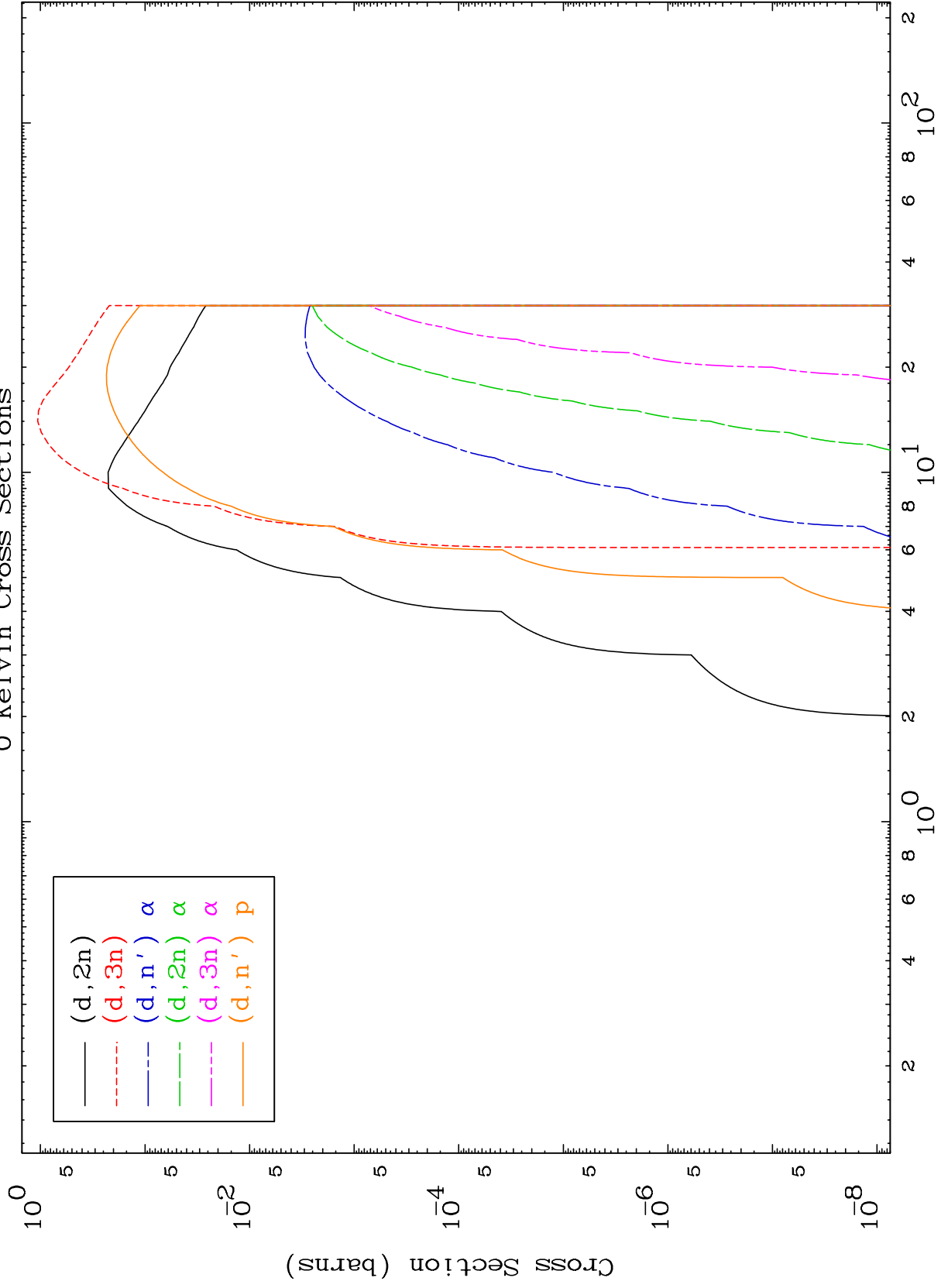
62-Sm-159

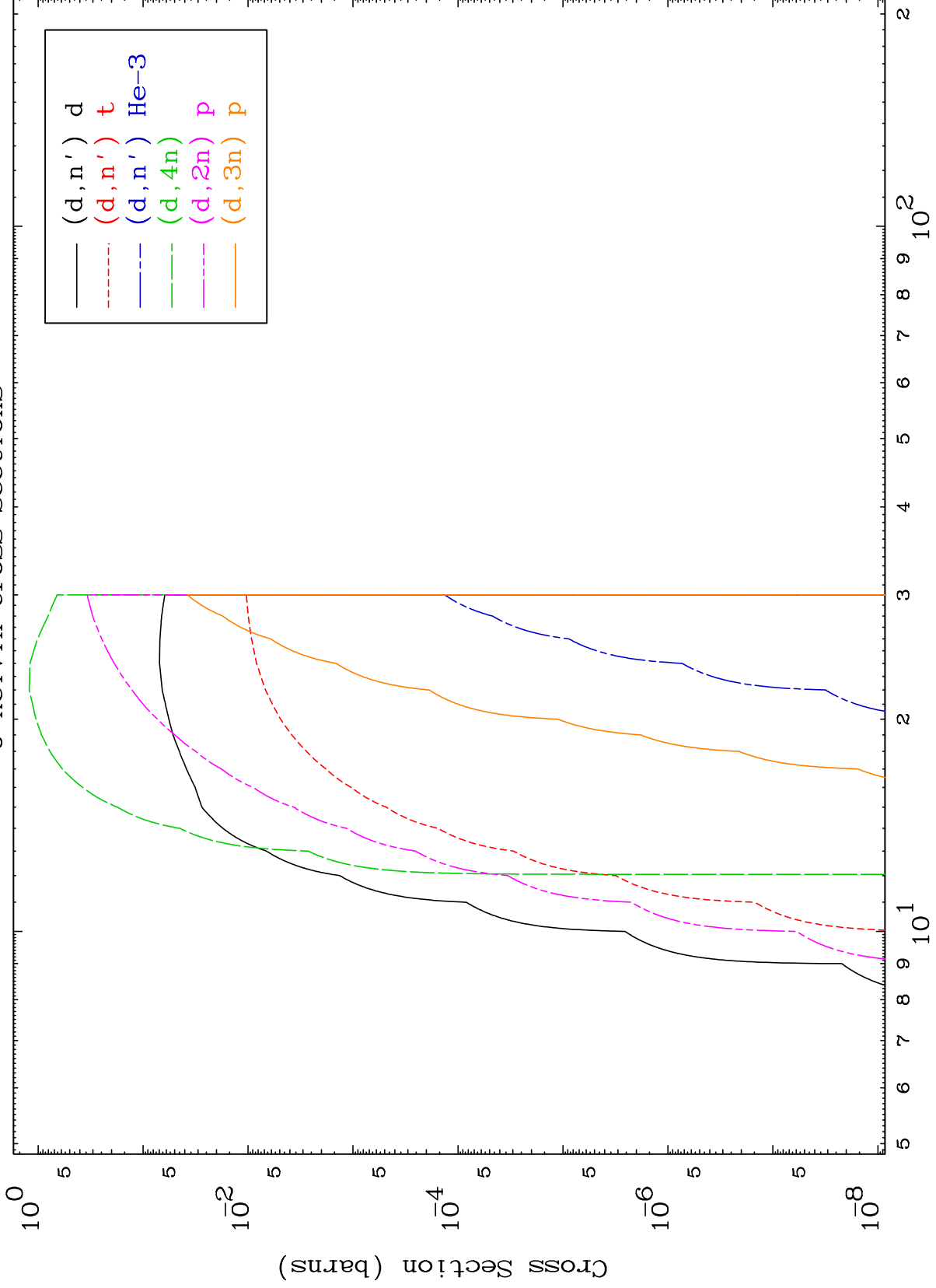


— Deuteron Inelastic  
- - - (d, remainder)  
- . - (d,  $\gamma$ )

62-Sm-159

Incident Energy (MeV)

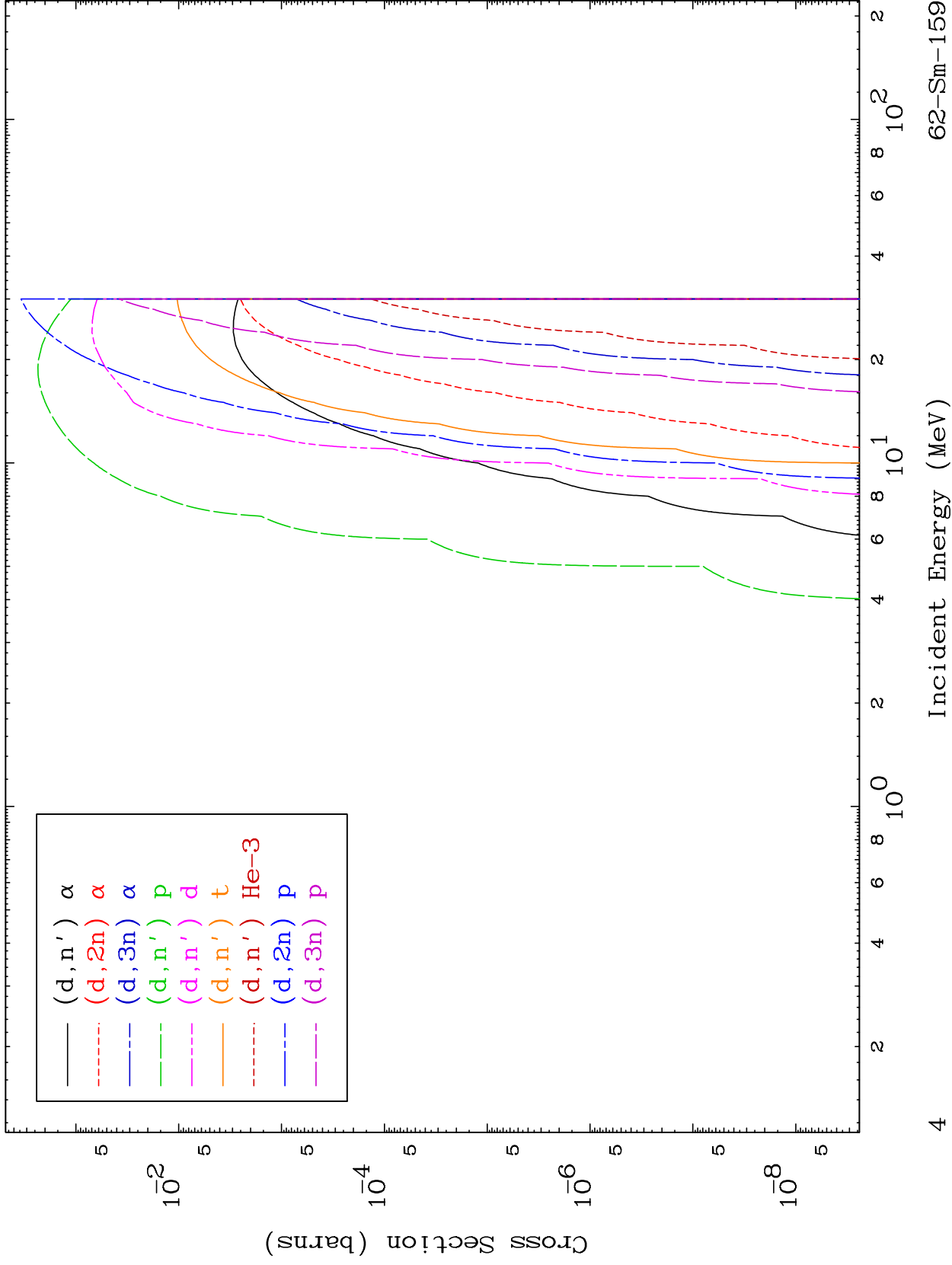


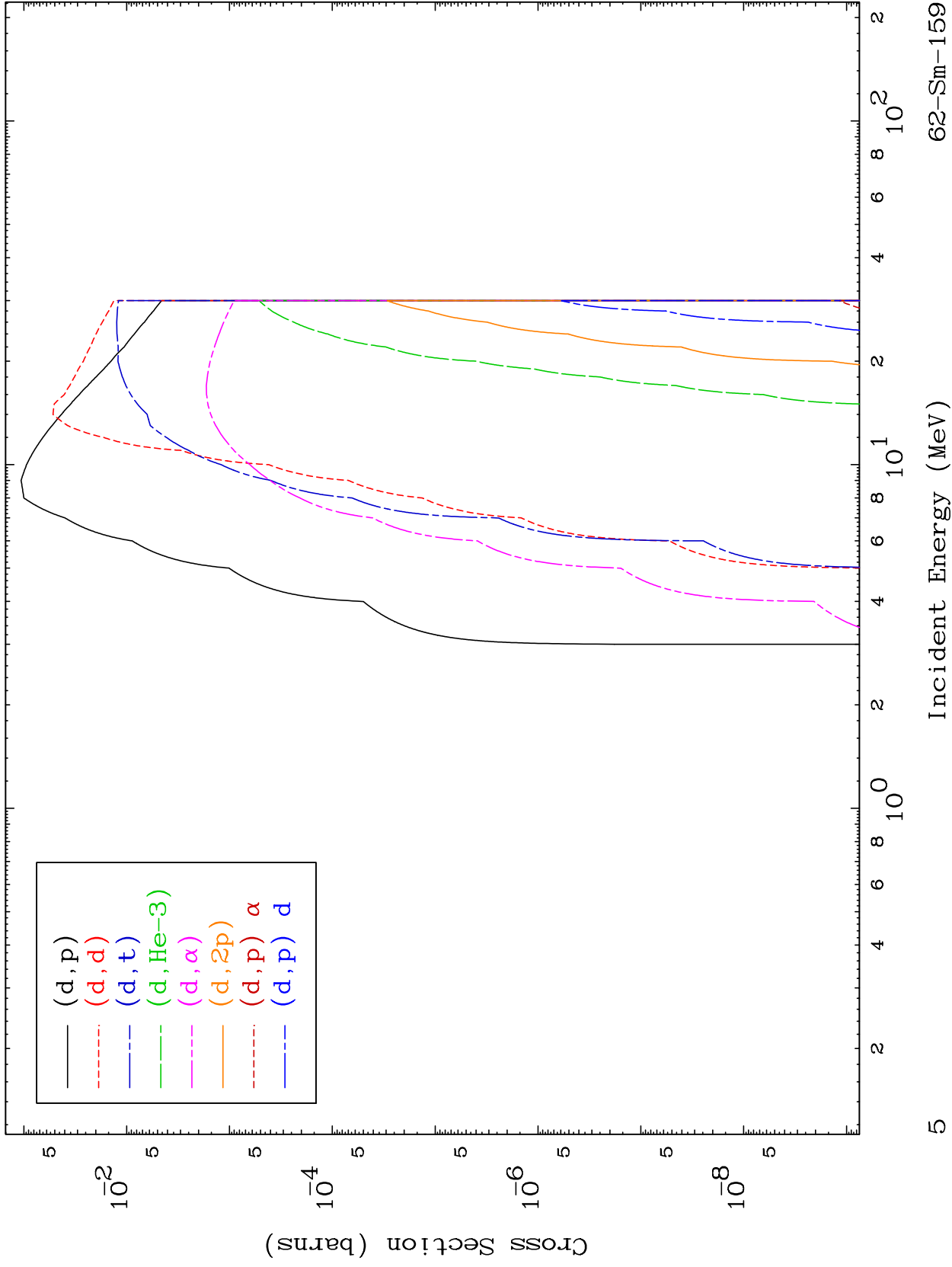


MAT 6270

Deuteron Charged Particle  
0 Kelvin Cross Sections

62-Sm-159

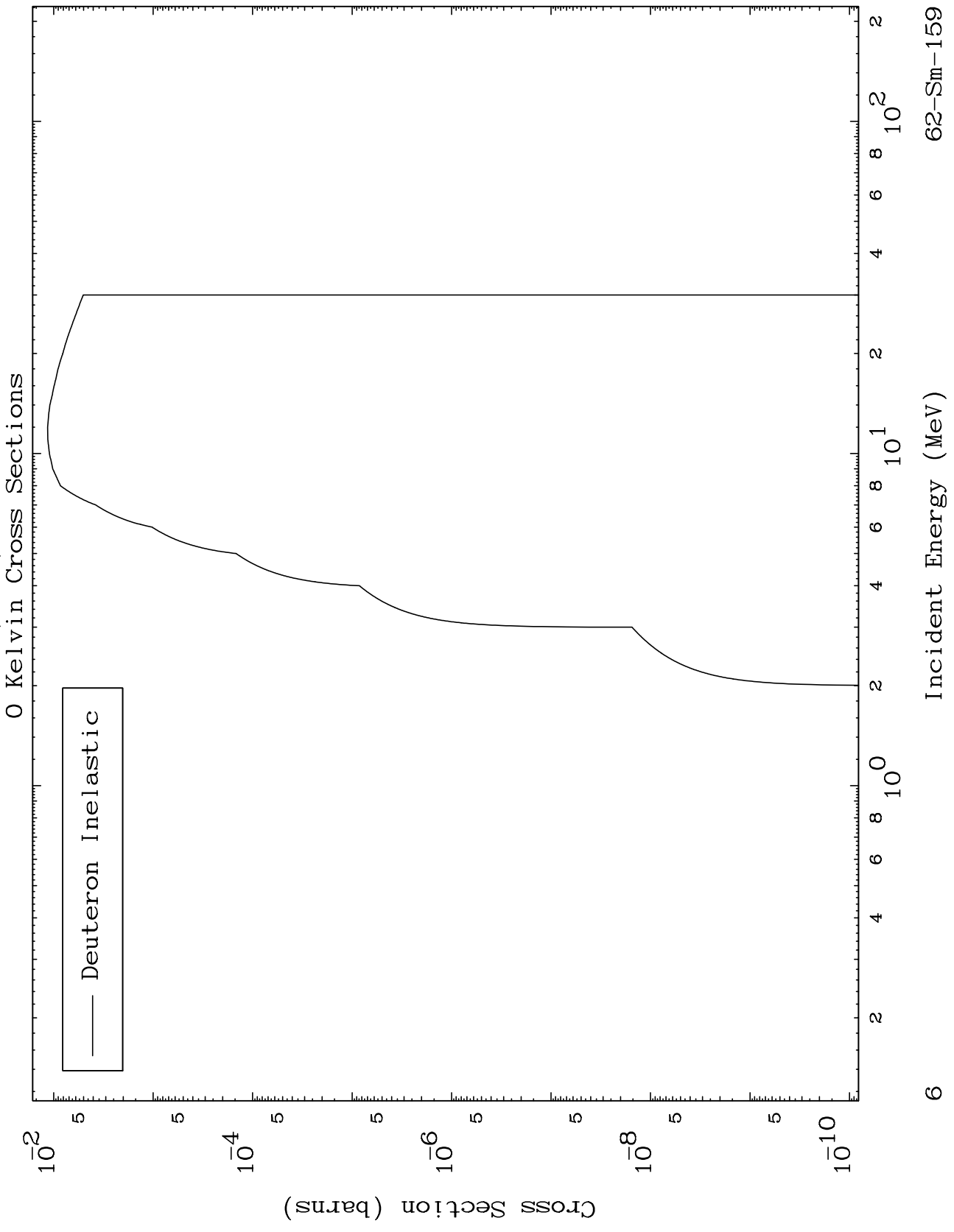




MAT 6270

(d,n') Level

62-Sm-159

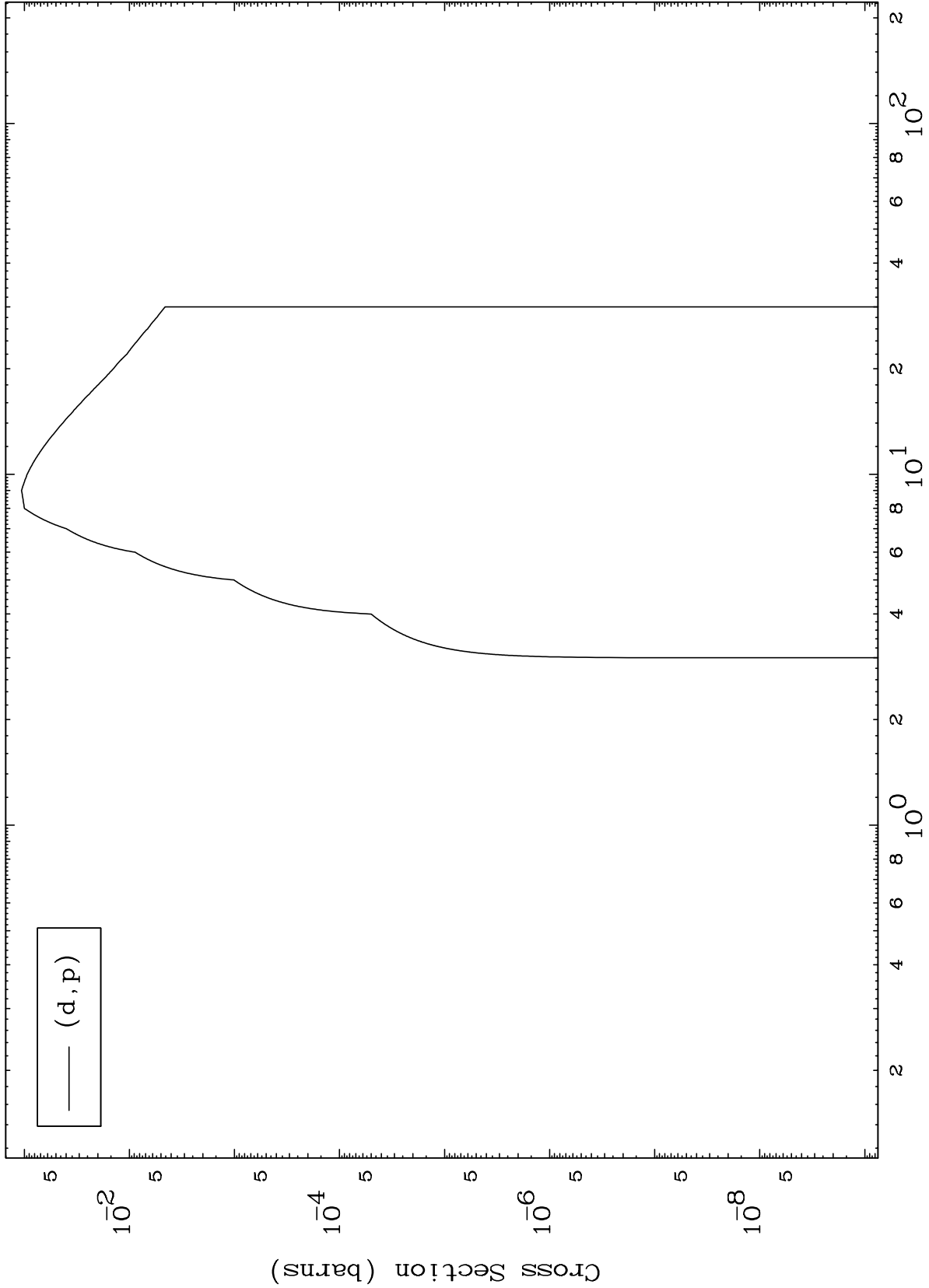


MAT 6270

(d,p) Levels

62-Sm-159

0 Kelvin Cross Sections



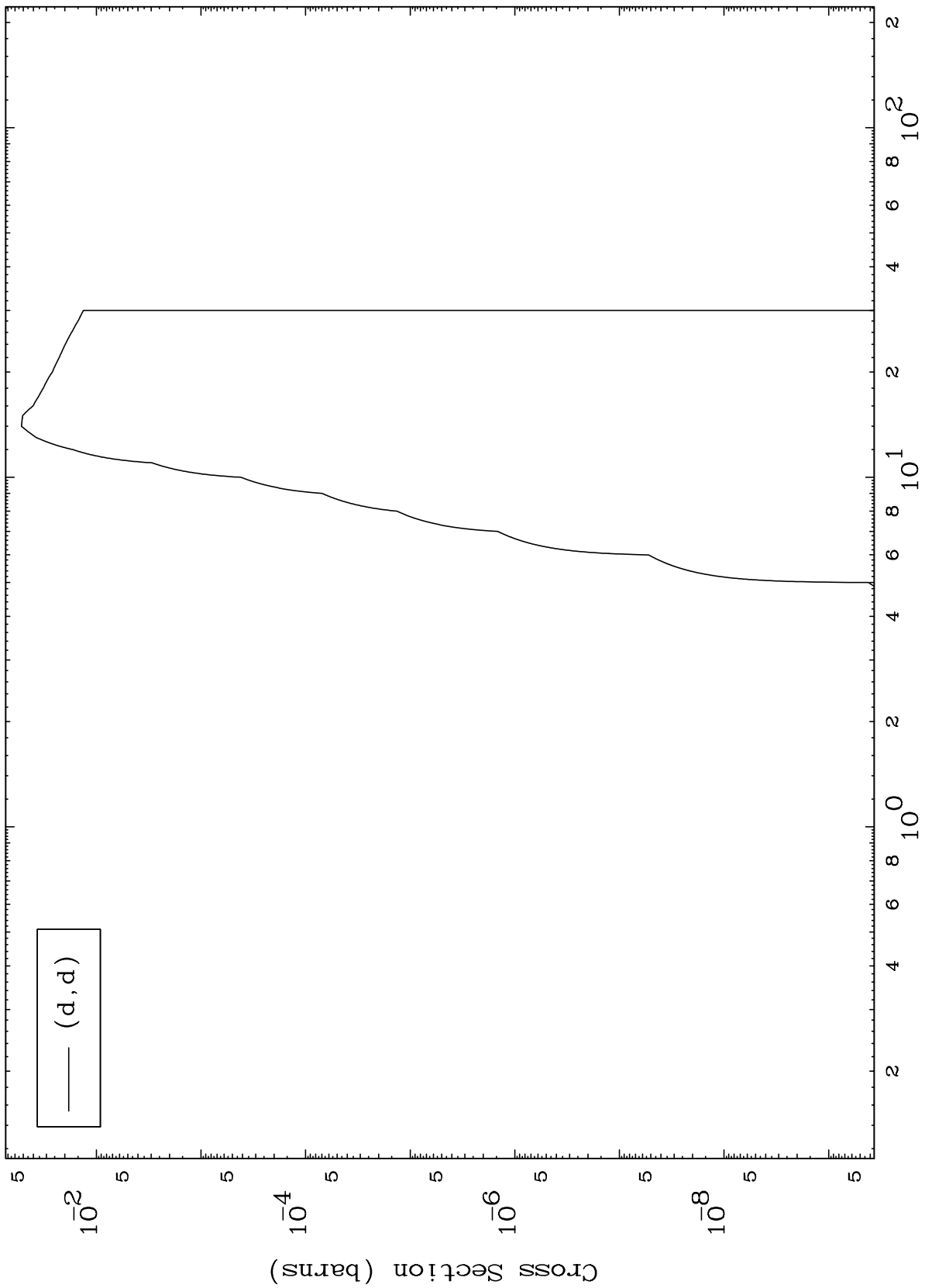


MAT 6270

(d,d) Levels

62-Sm-159

0 Kelvin Cross Sections

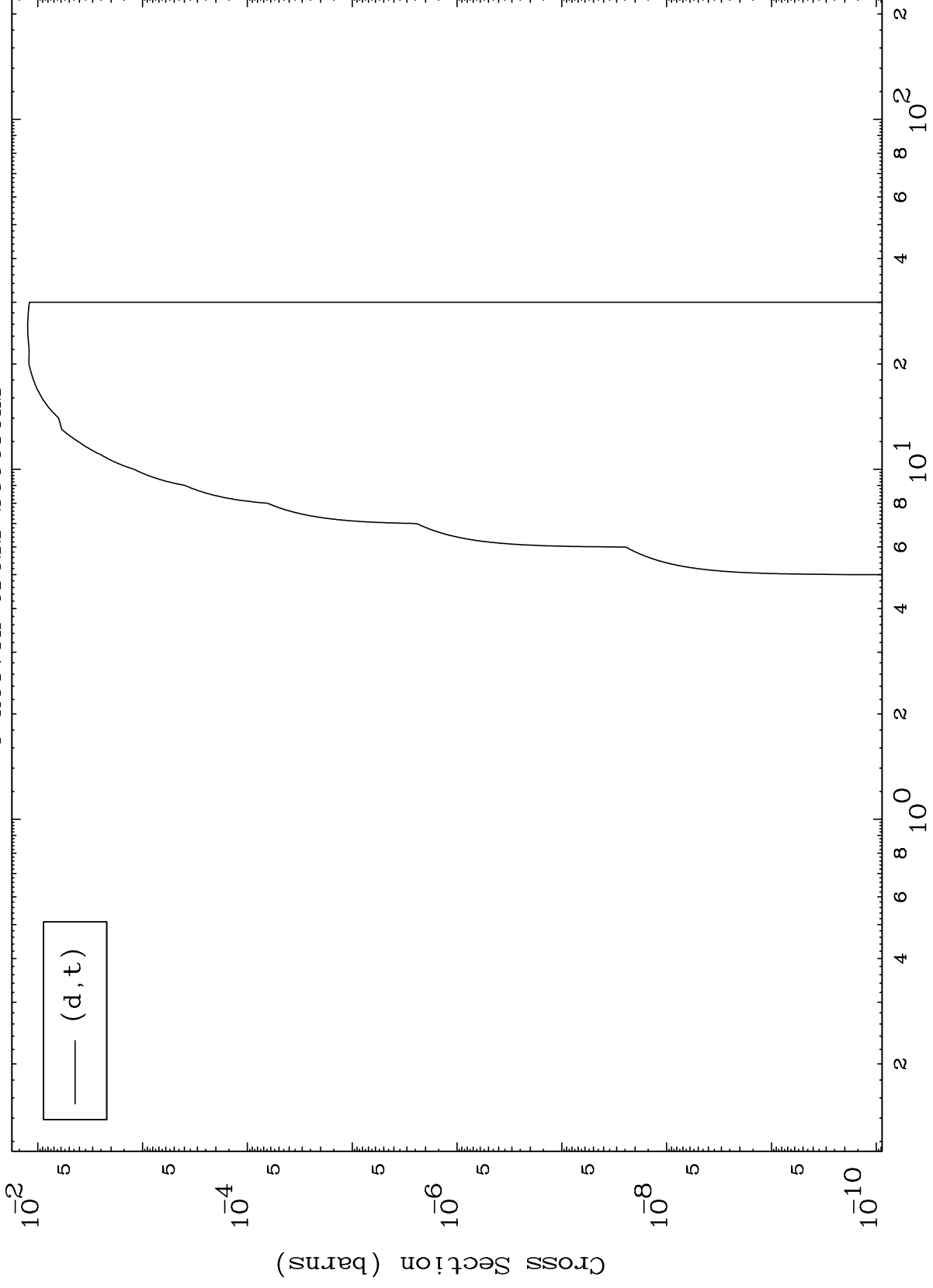


MAT 6270

(d, t) Levels

62-Sm-159

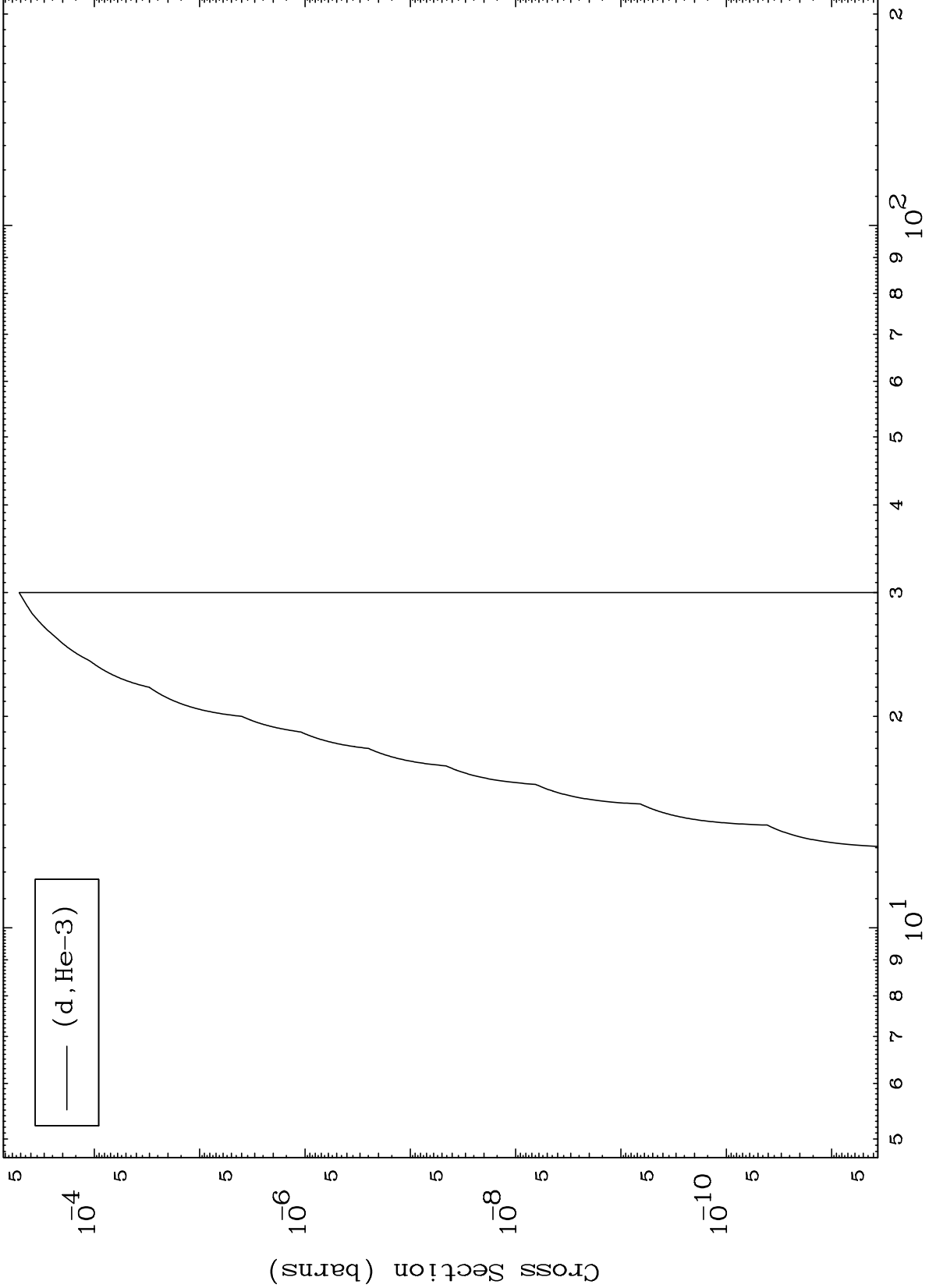
0 Kelvin Cross Sections



MAT 6270

(d,He3) Levels  
0 Kelvin Cross Sections

62-Sm-159



10

Incident Energy (MeV)

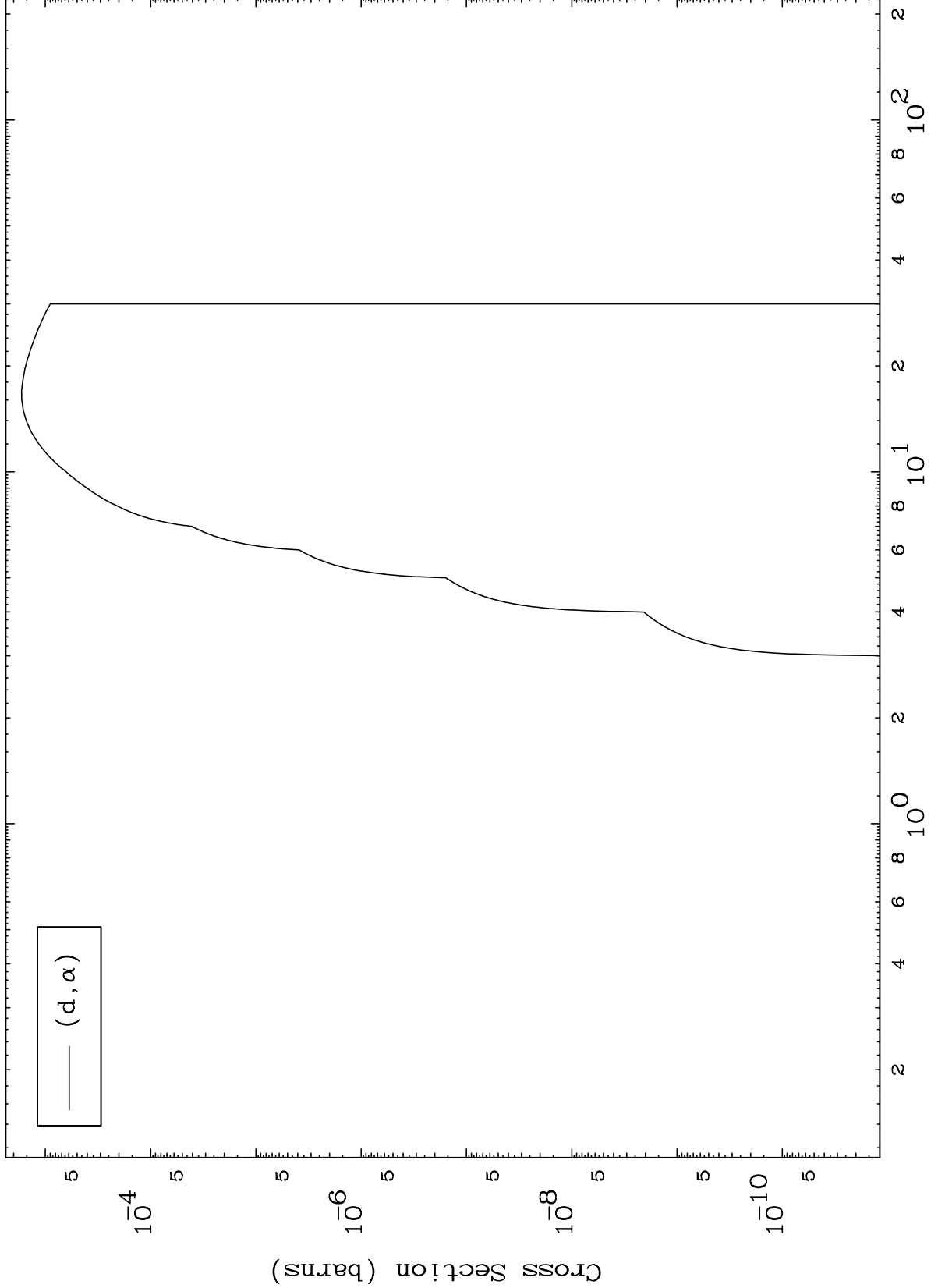
62-Sm-159

MAT 6270

(d,  $\alpha$ ) Levels

62-Sm-159

0 Kelvin Cross Sections

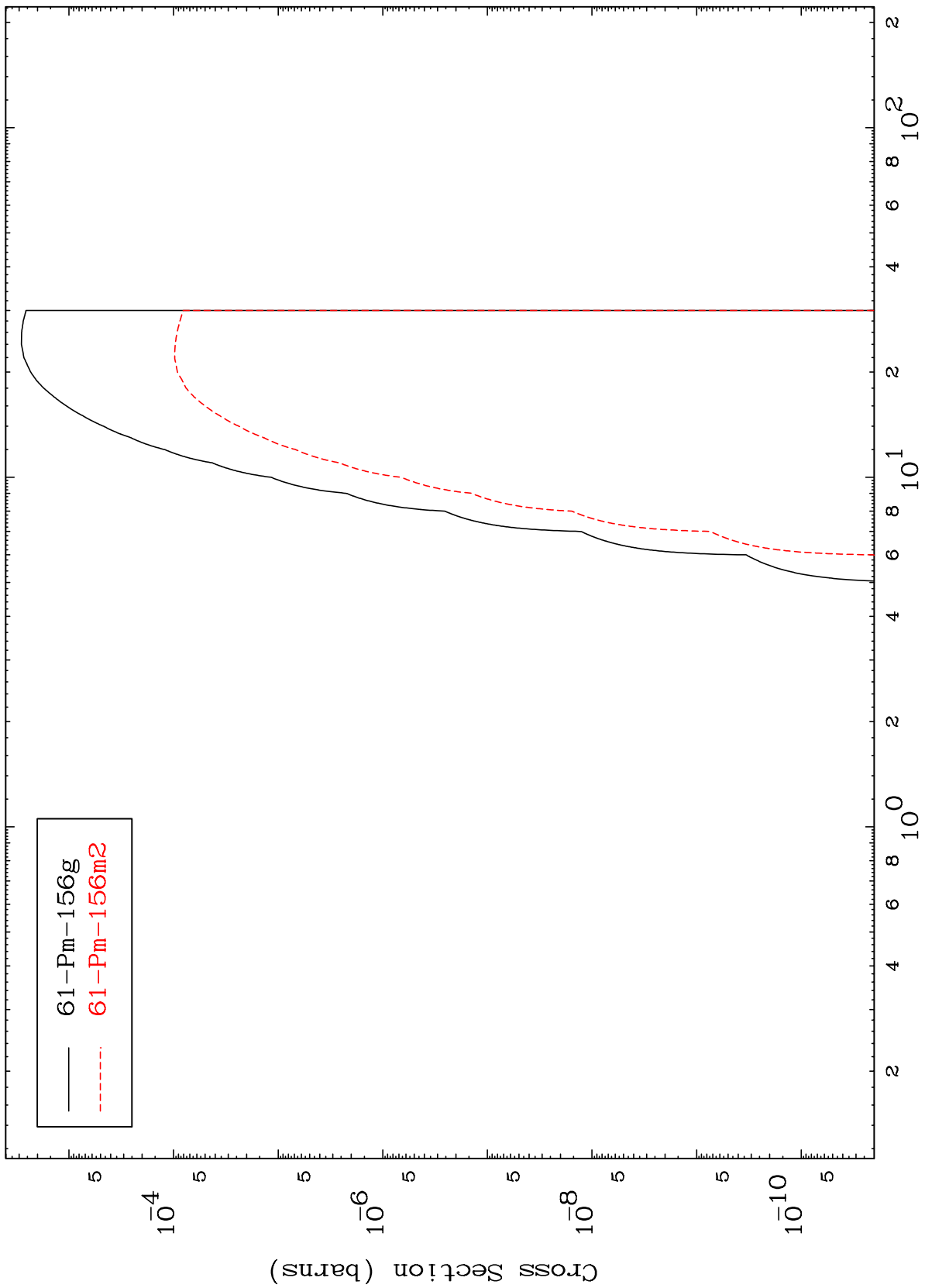


MAT 6270

(d,n')  $\alpha$

62-Sm-159

Radionuclide Production Cross Section



12

Incident Energy (MeV)

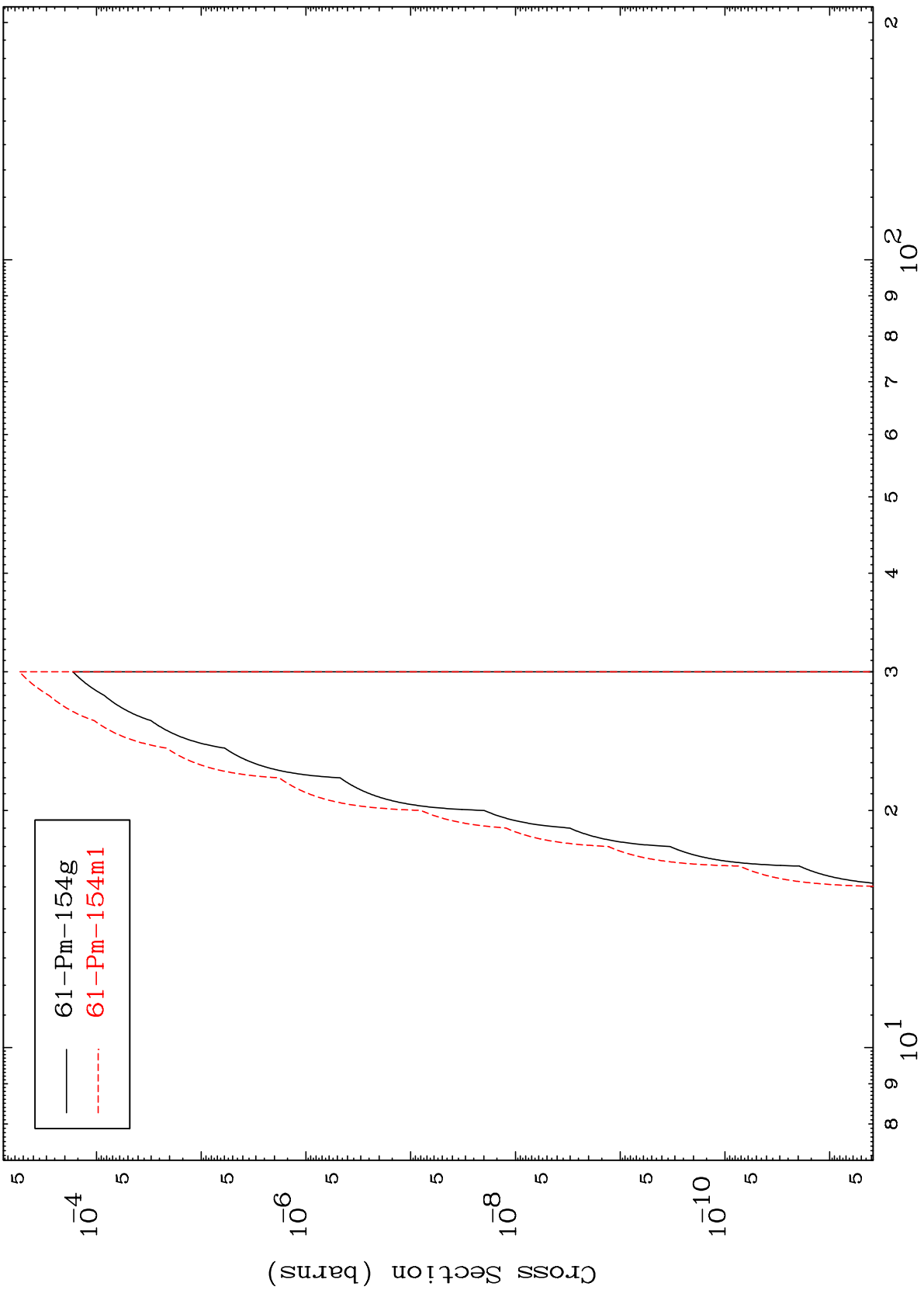
62-Sm-159

MAT 6270

(d,3n)  $\alpha$

62-Sm-159

Radionuclide Production Cross Section



61-Pm-154g  
61-Pm-154m1

13

Incident Energy (MeV)

62-Sm-159