

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

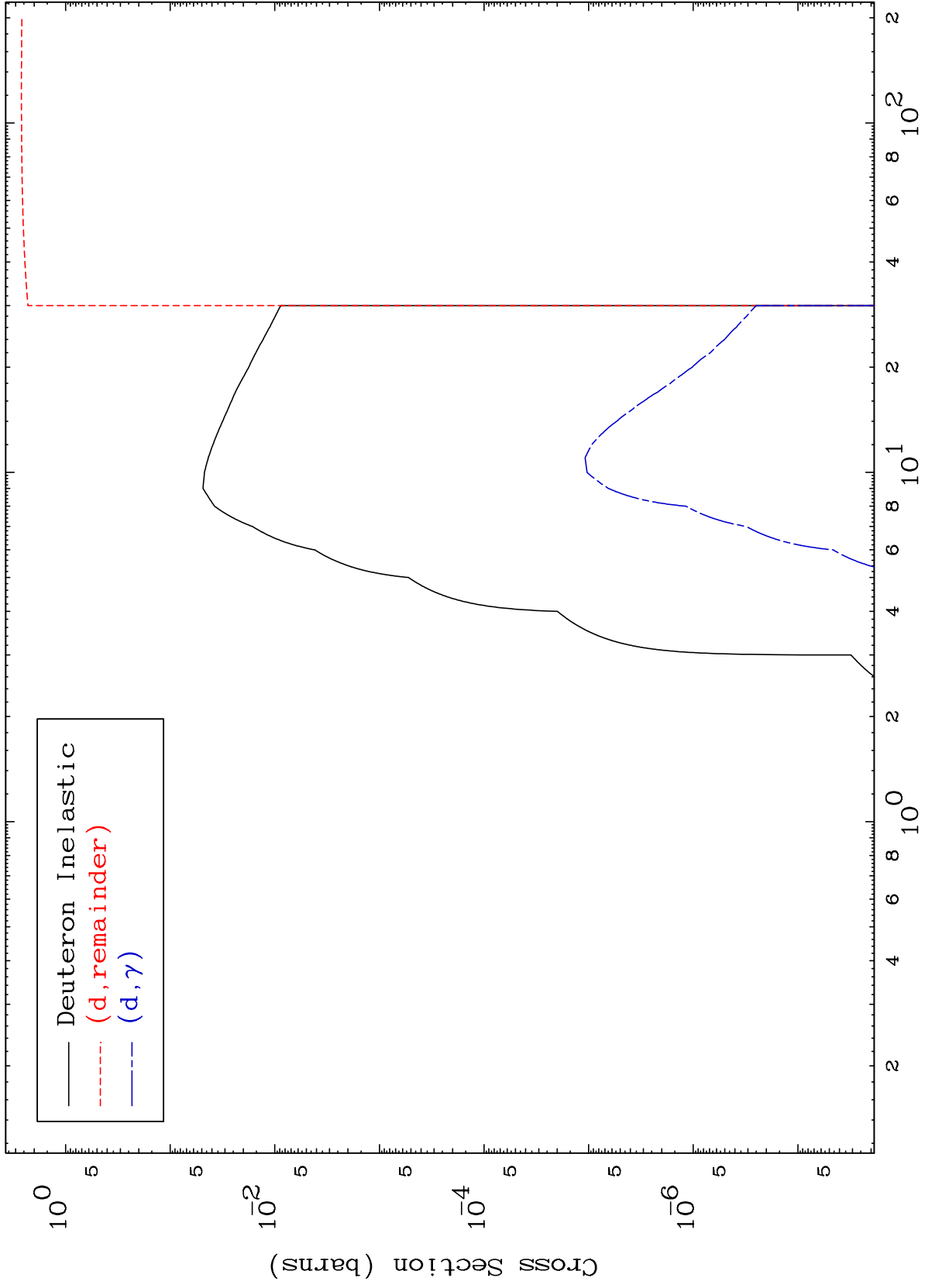
Web:redcullen1.net/HOMEPAGE.NEW

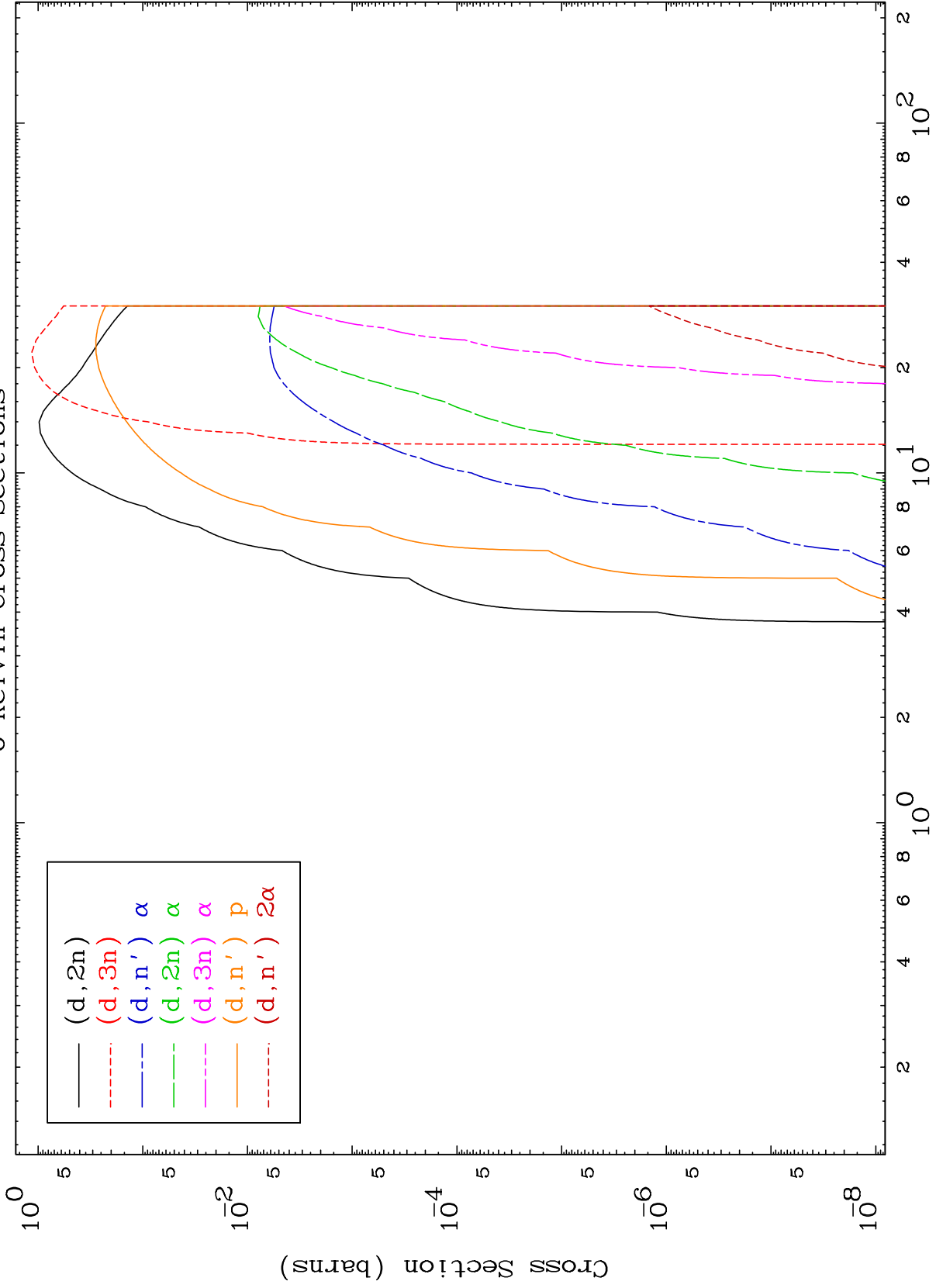
Press Mouse Button to Start

MAT 6240

Deuteron Major  
0 Kelvin Cross Sections

62-Sm-149

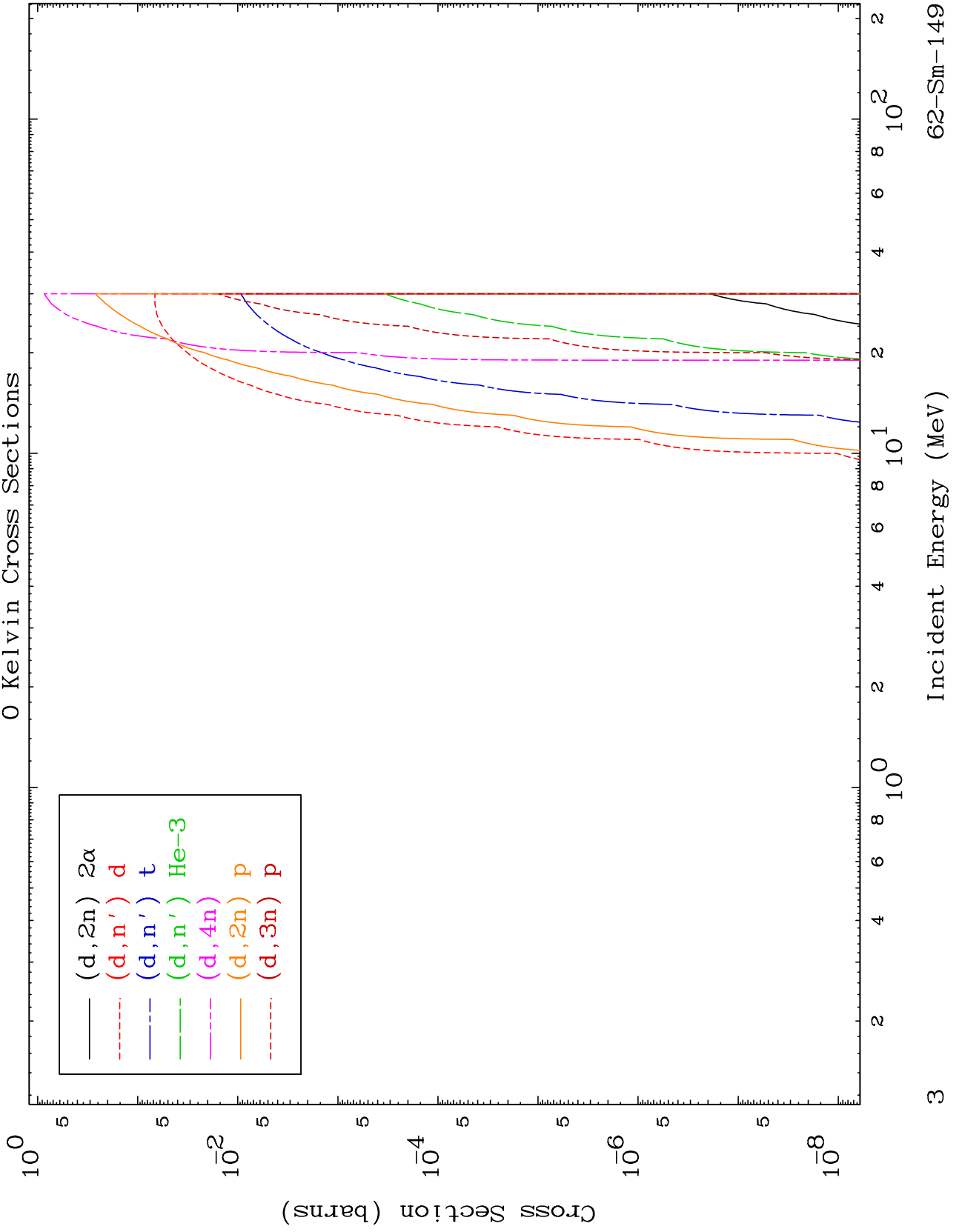




MAT 6240

Deuteron Neutron Production  
0 Kelvin Cross Sections

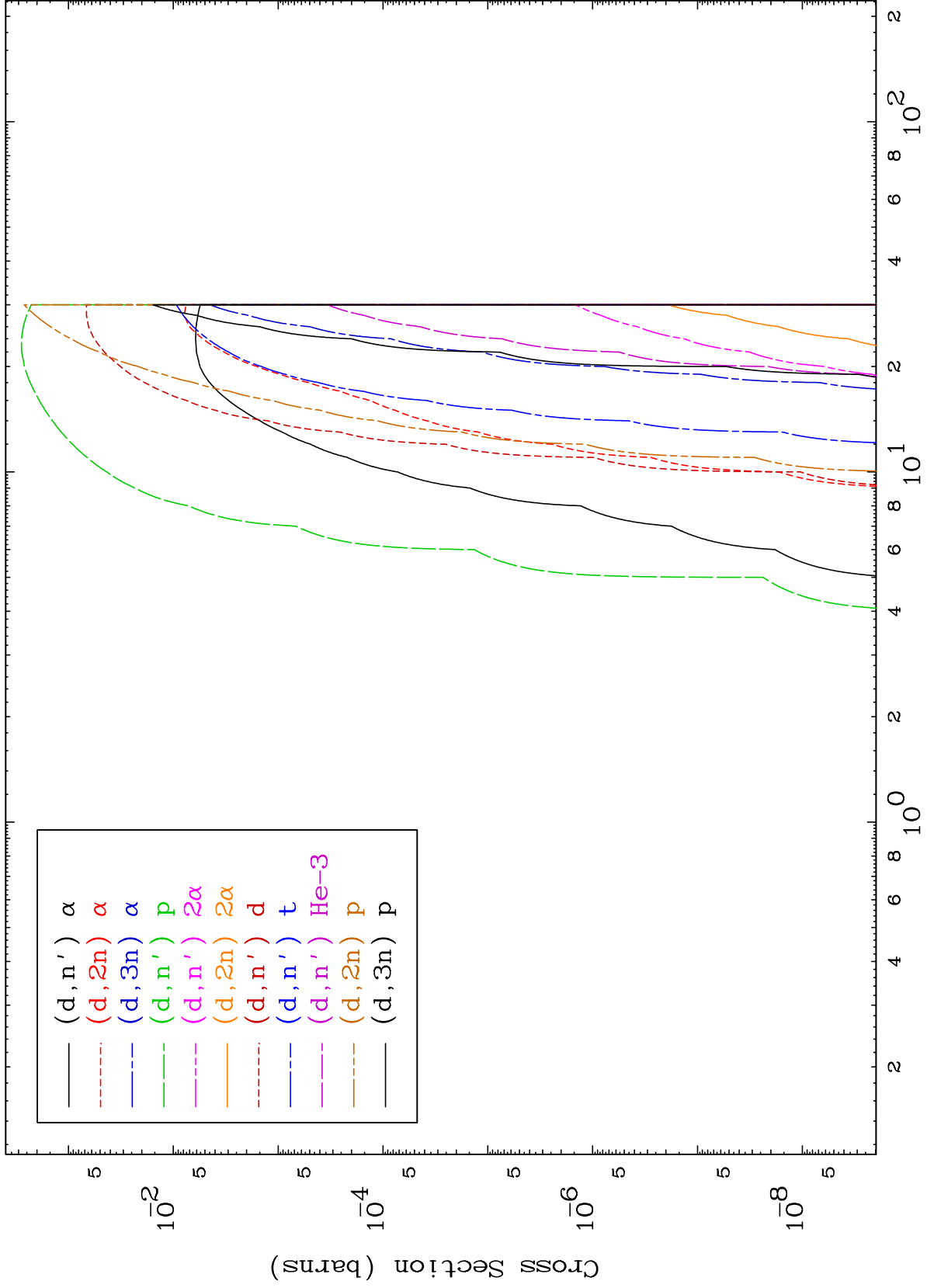
62-Sm-149

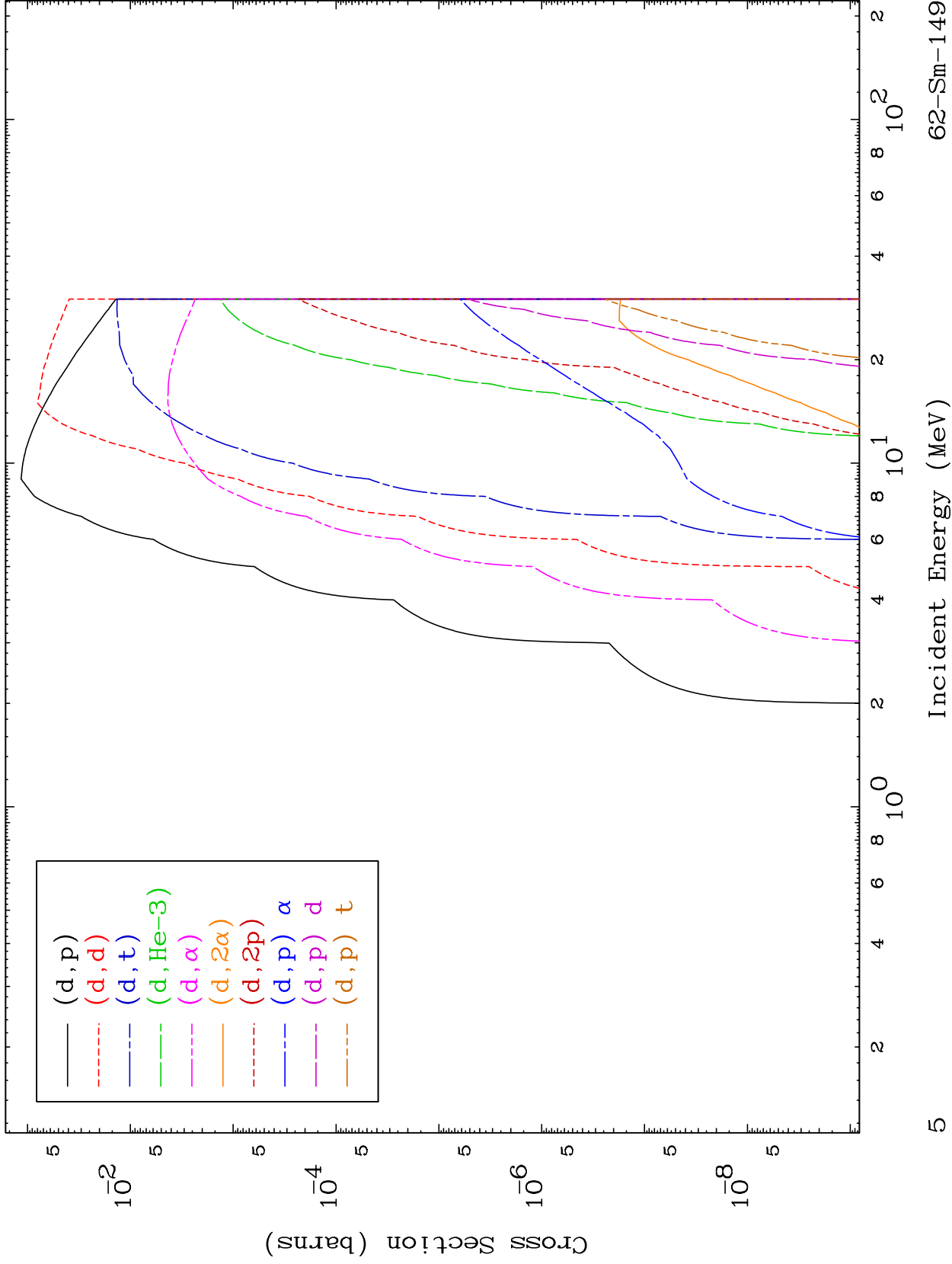


MAT 6240

Deuteron Charged Particle  
0 Kelvin Cross Sections

62-Sm-149



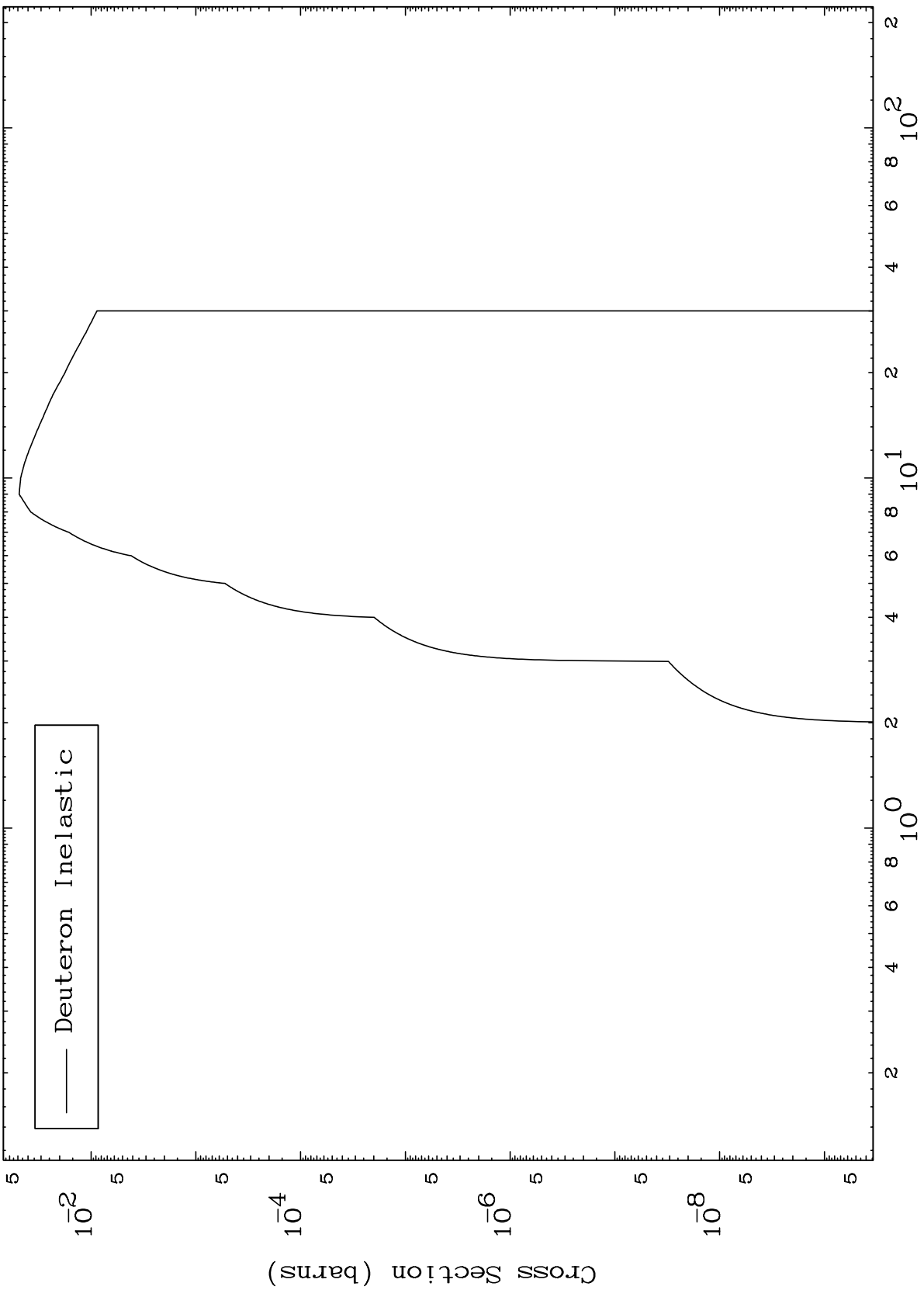


MAT 6240

(d,n') Level

62-Sm-149

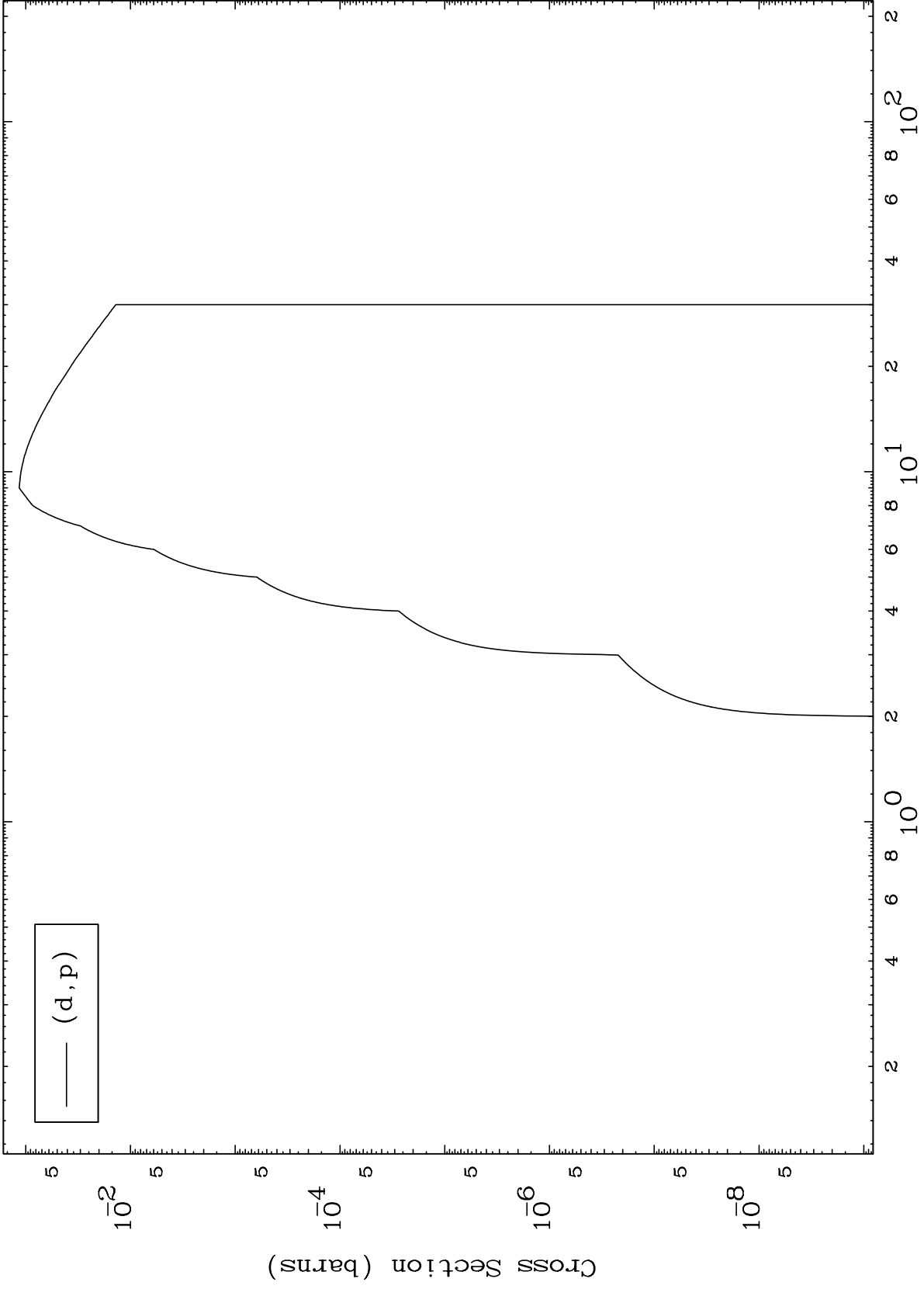
0 Kelvin Cross Sections



MAT 6240

62-Sm-149

(d,p) Levels  
0 Kelvin Cross Sections



(d,p)

62-Sm-149

Incident Energy (MeV)

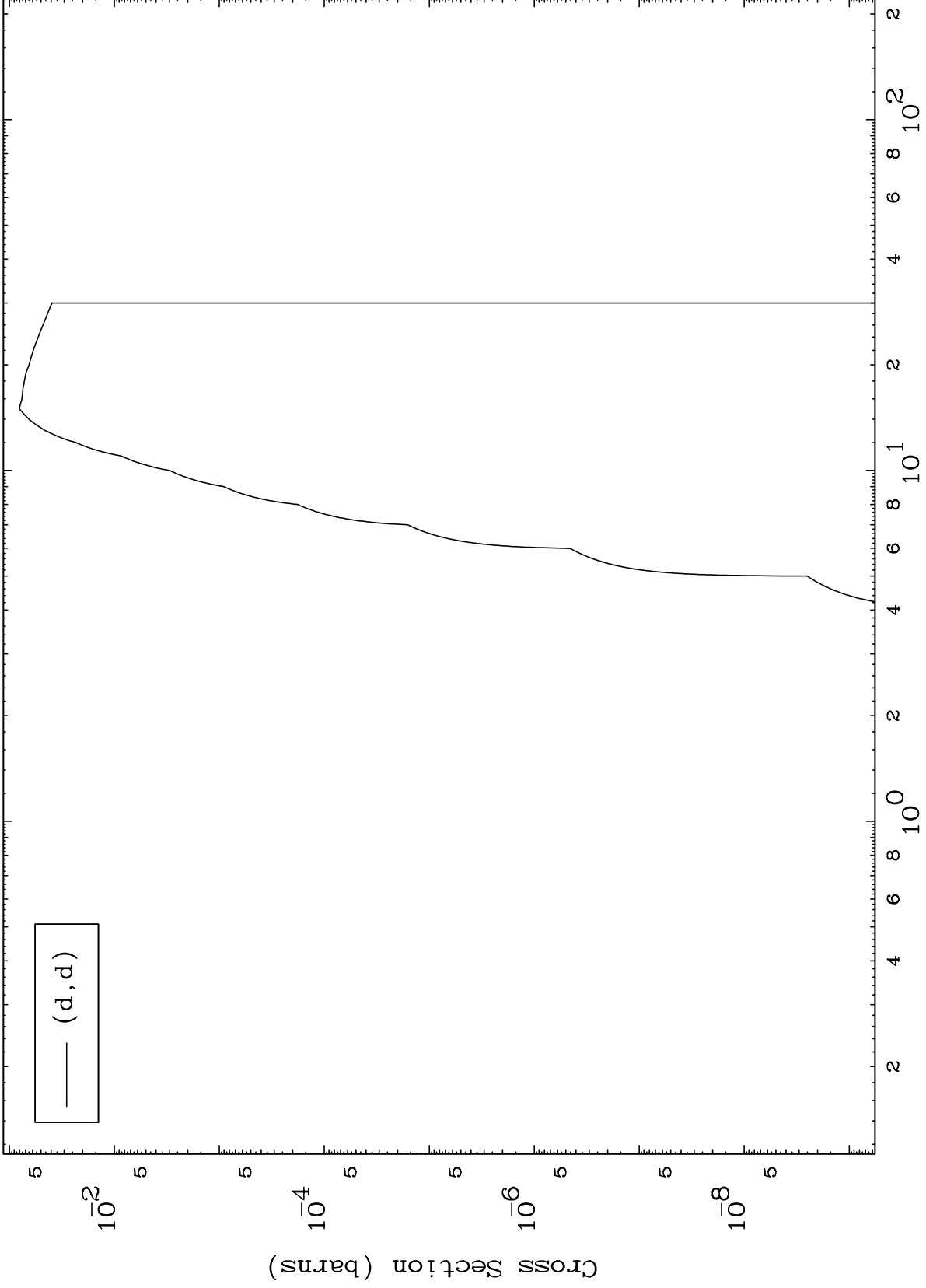


MAT 6240

(d,d) Levels

62-Sm-149

0 Kelvin Cross Sections

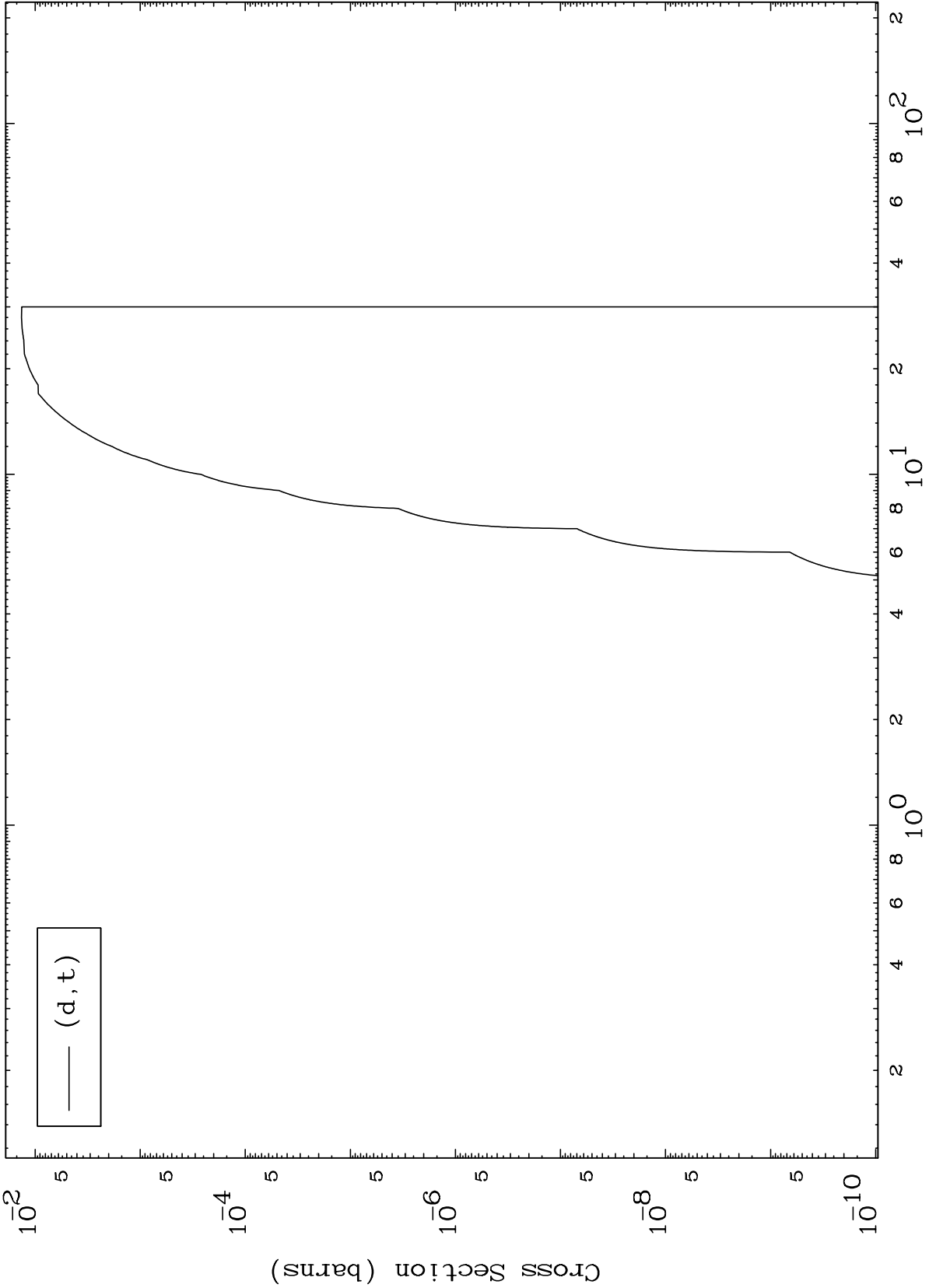


MAT 6240

(d,t) Levels

62-Sm-149

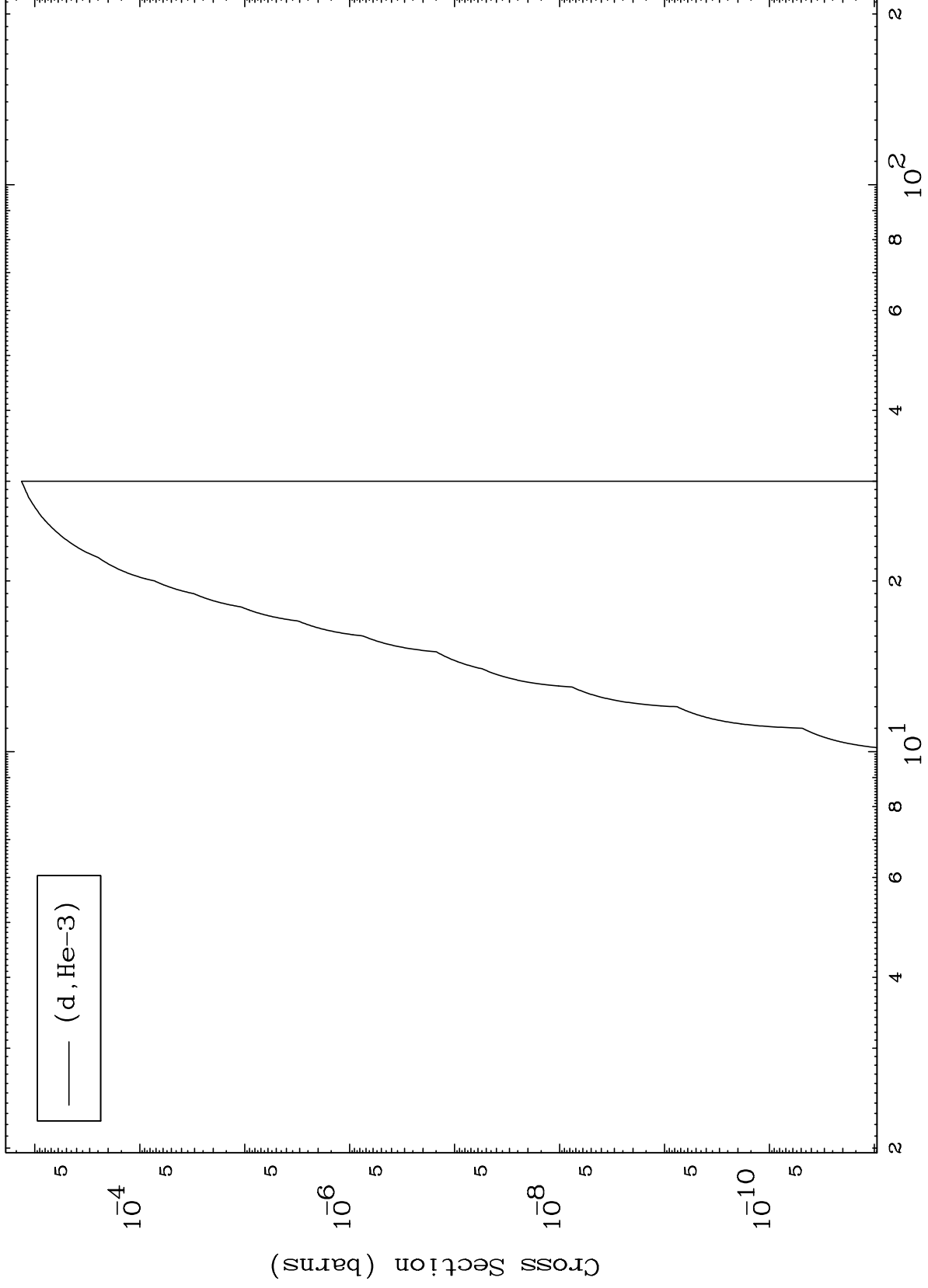
0 Kelvin Cross Sections



MAT 6240

(d,He3) Levels  
0 Kelvin Cross Sections

62-Sm-149



10

Incident Energy (MeV)

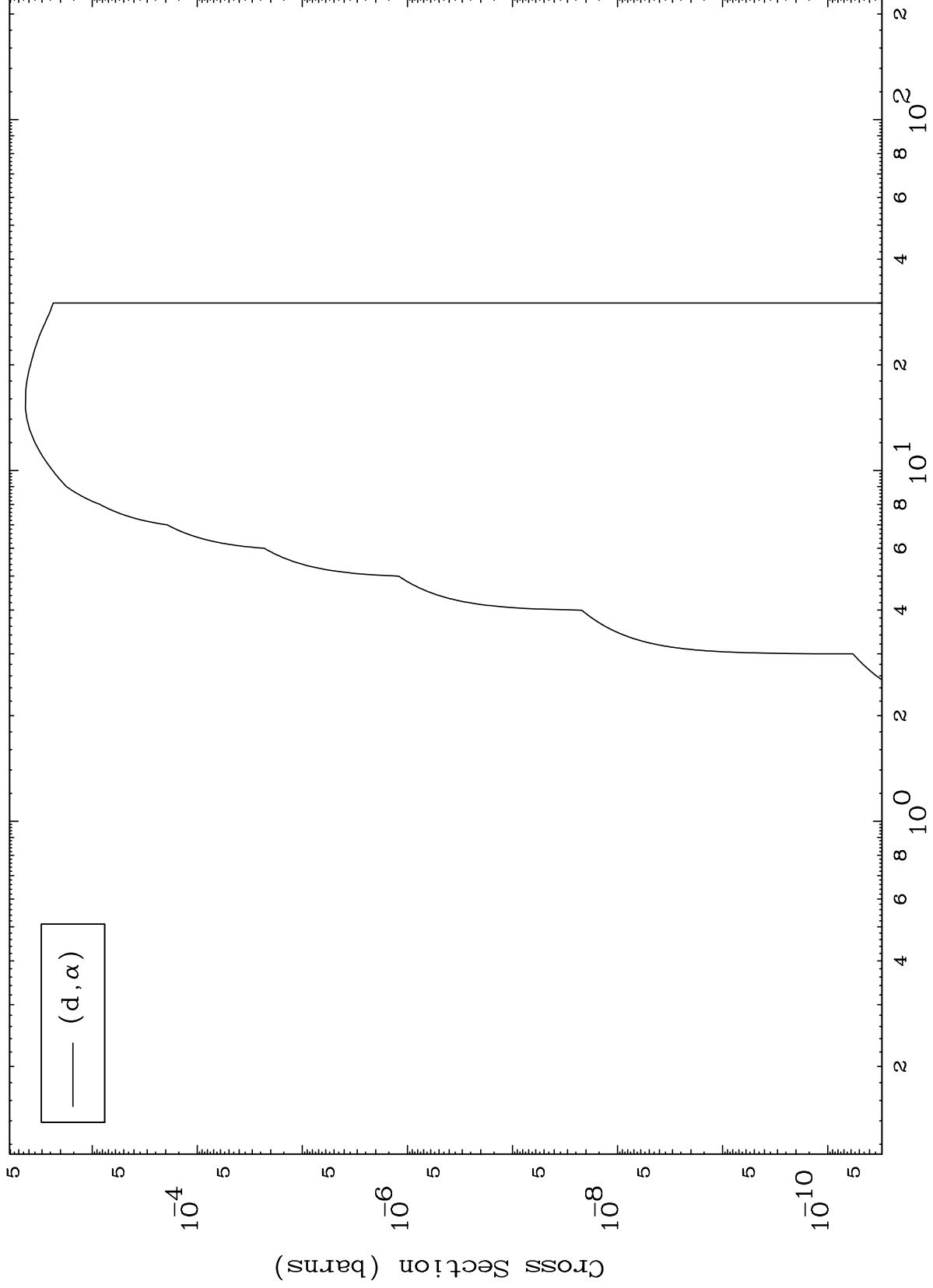
62-Sm-149

MAT 6240

(d,  $\alpha$ ) Levels

62-Sm-149

0 Kelvin Cross Sections



11

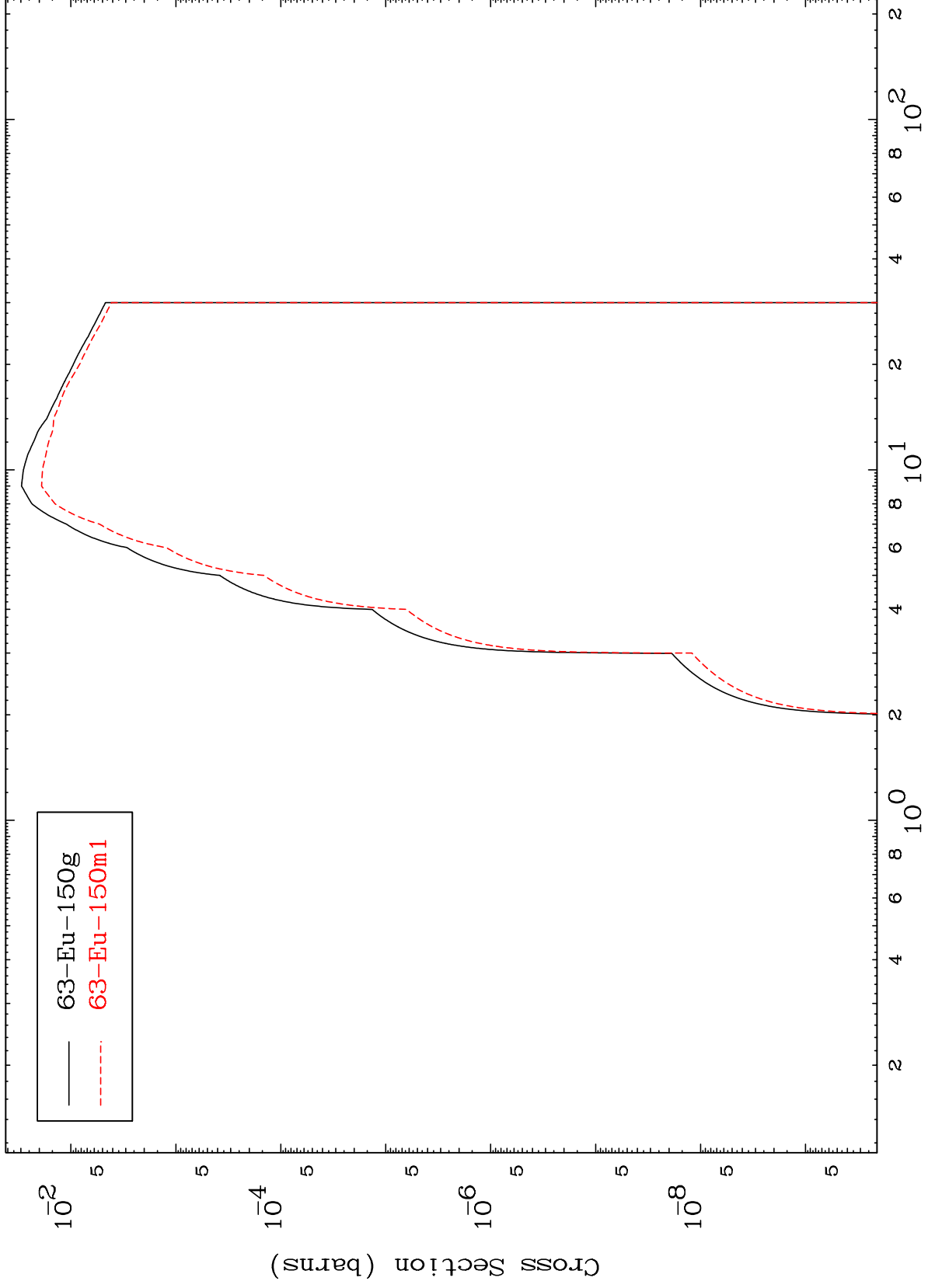
Incident Energy (MeV)

62-Sm-149

MAT 6240

Deuteron Inelastic  
Radionuclide Production Cross Section

62-Sm-149

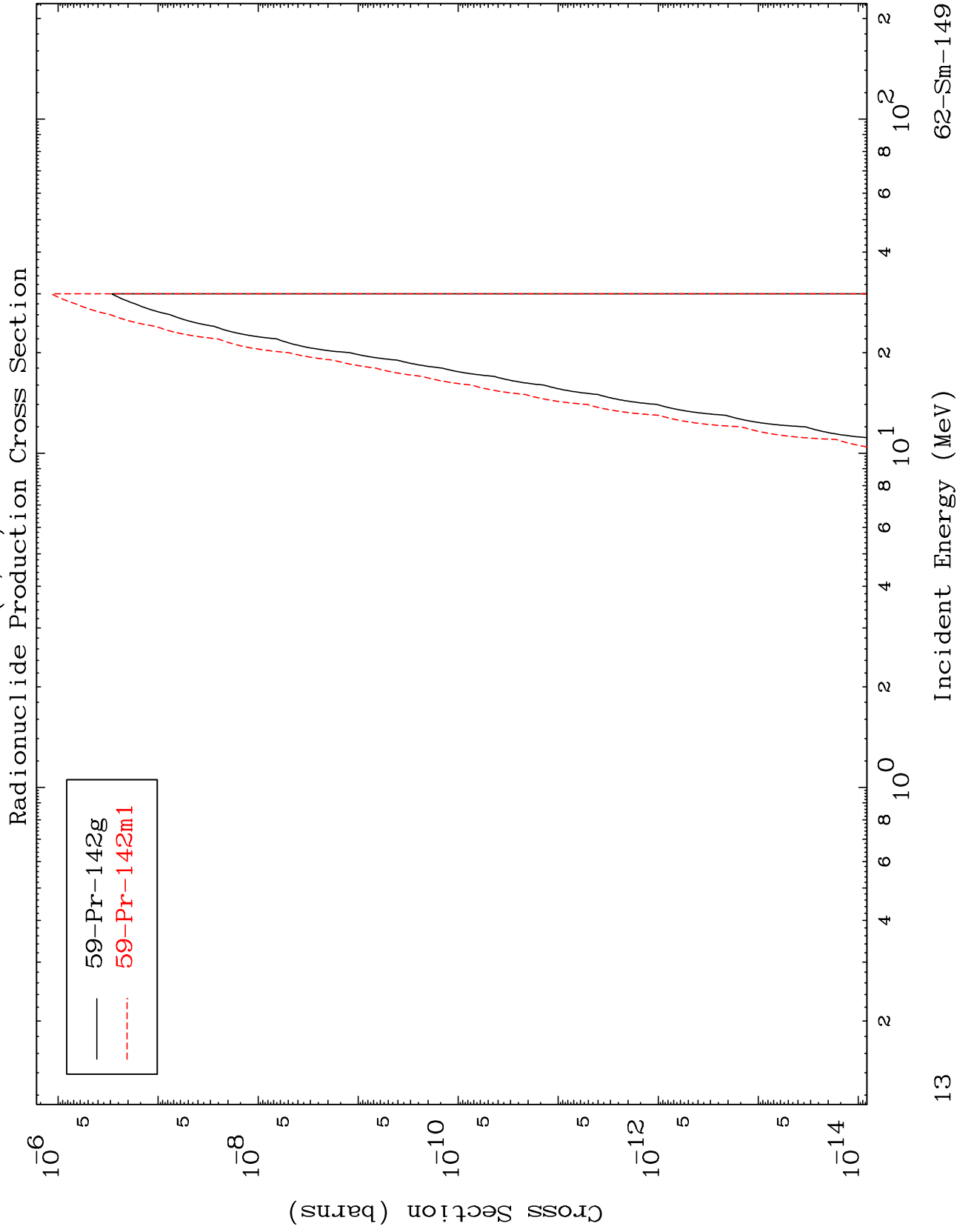


63-Eu-150g  
63-Eu-150m1

MAT 6240

(d,n')  $2\alpha$

$^{62}\text{Sm}-149$

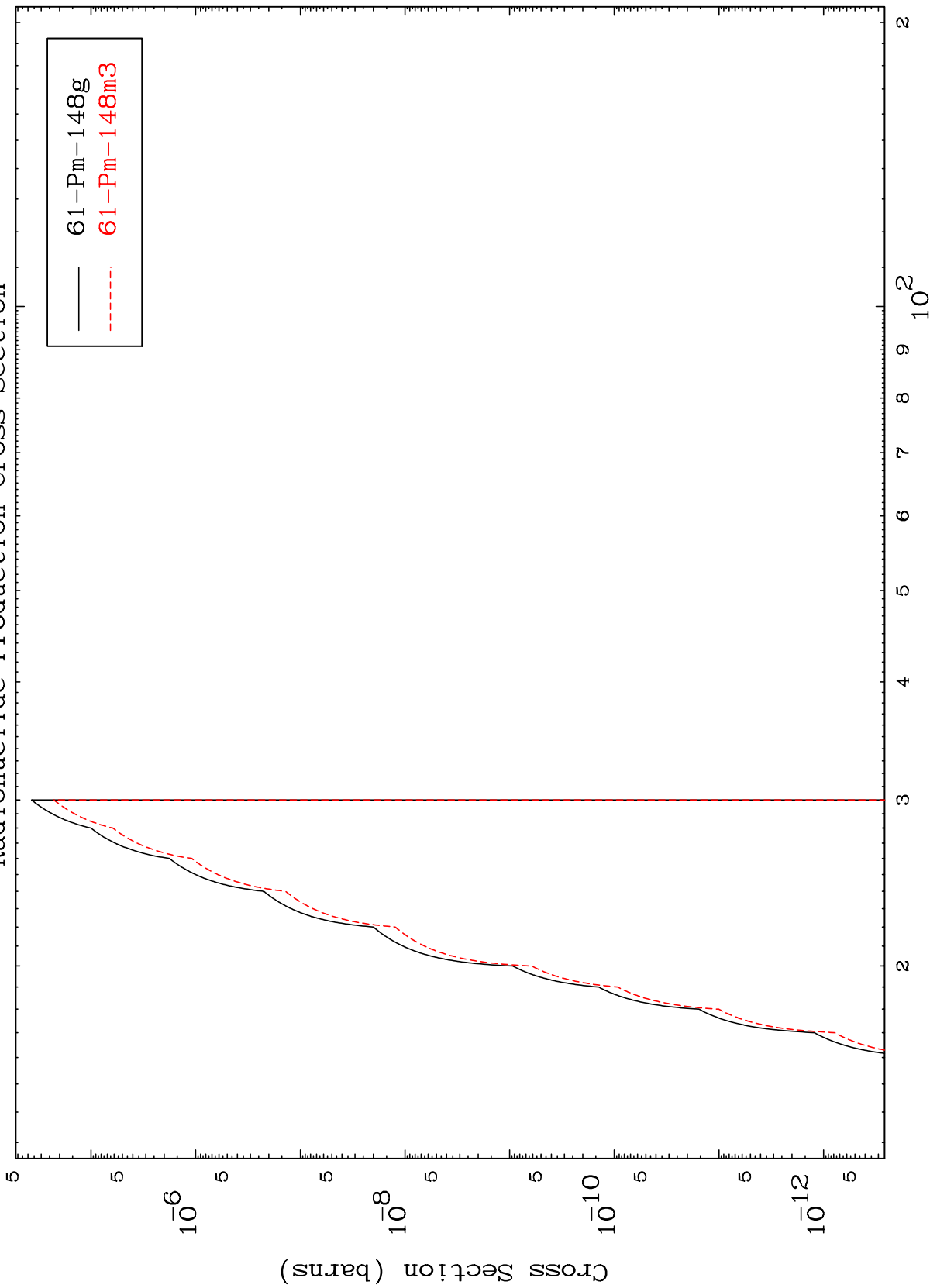


MAT 6240

(d,2n) p

62-Sm-149

Radionuclide Production Cross Section



14

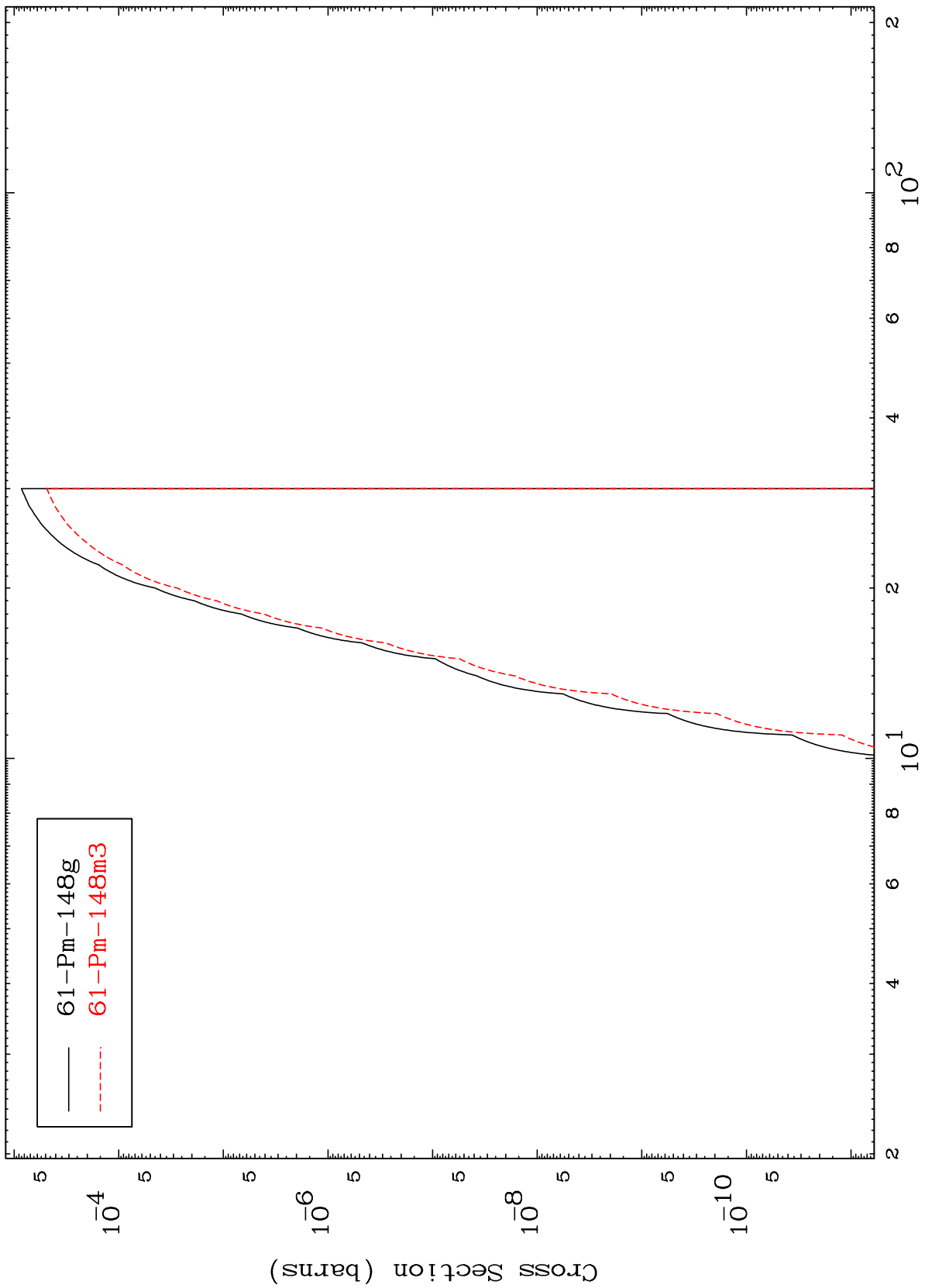
Incident Energy (MeV)

62-Sm-149

MAT 6240

62-Sm-149

(d,He-3)  
Radionuclide Production Cross Section



— 61-Pm-148g  
- - - 61-Pm-148m3

62-Sm-149

Incident Energy (MeV)

15

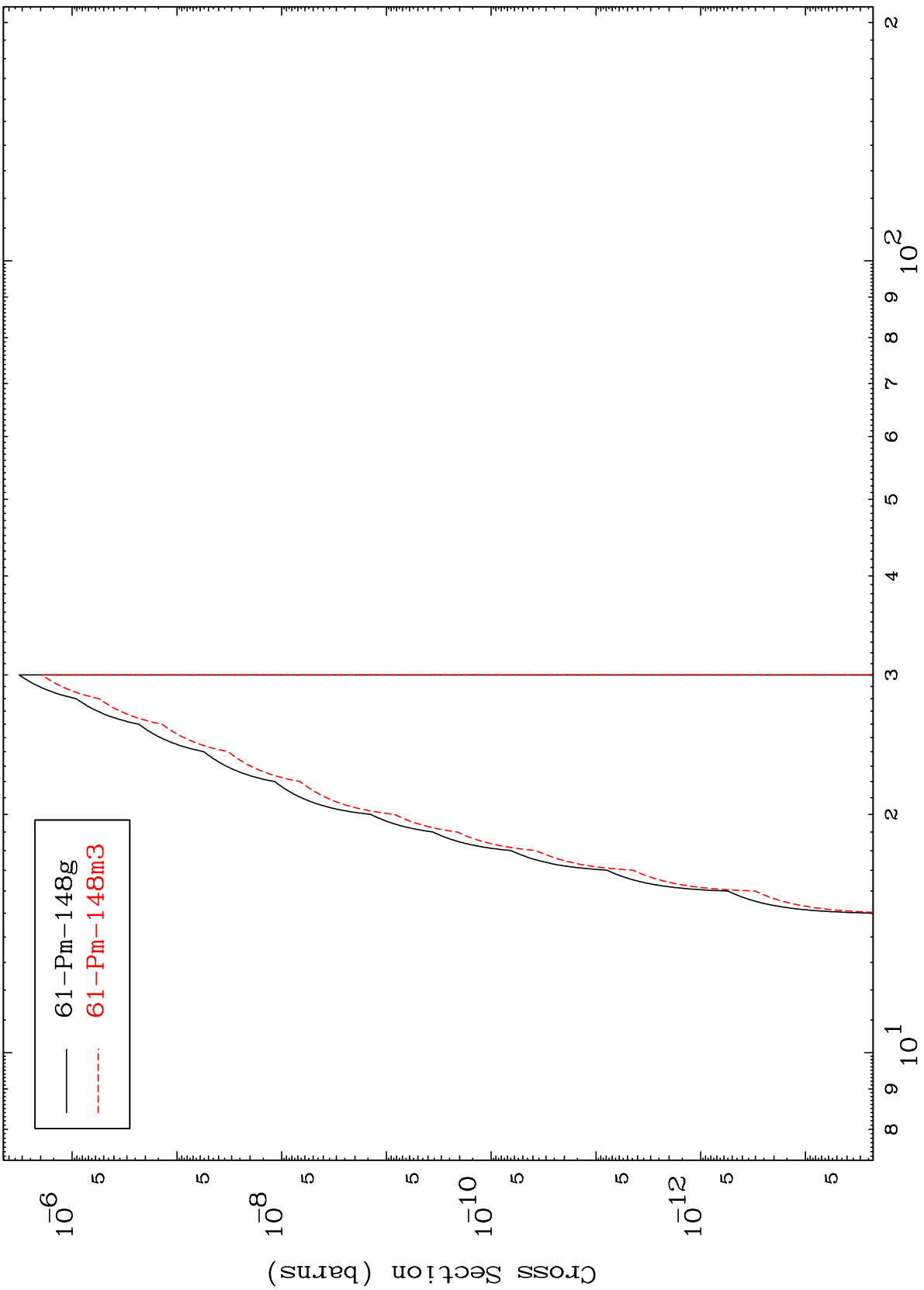


MAT 6240

(d,p) d

62-Sm-149

Radionuclide Production Cross Section



61-Pm-148g  
61-Pm-148m3

16

Incident Energy (MeV)

62-Sm-149