

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)

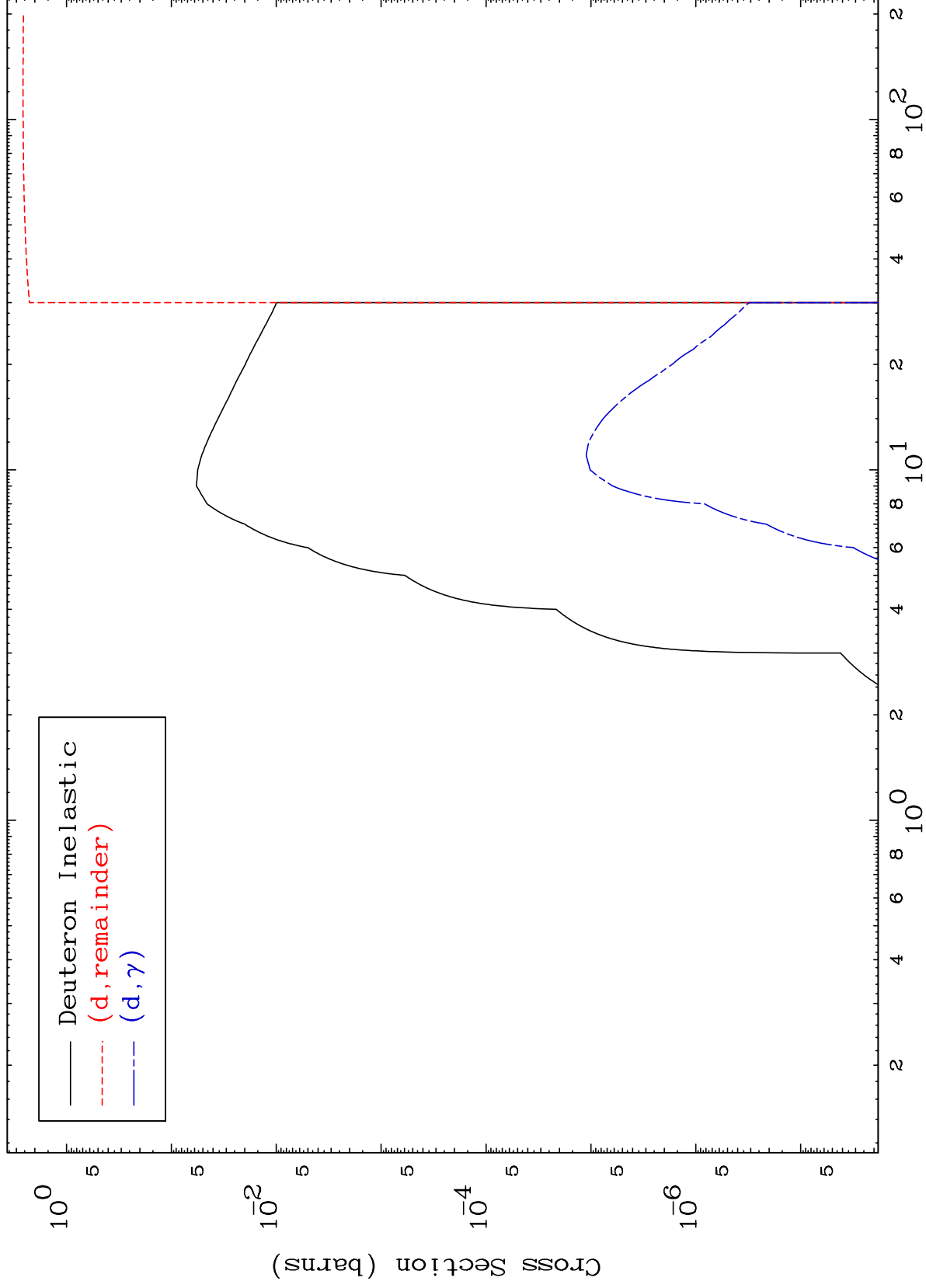
Press Mouse Button to Start

MAT 6143

Deuteron Major

61-Pm-145

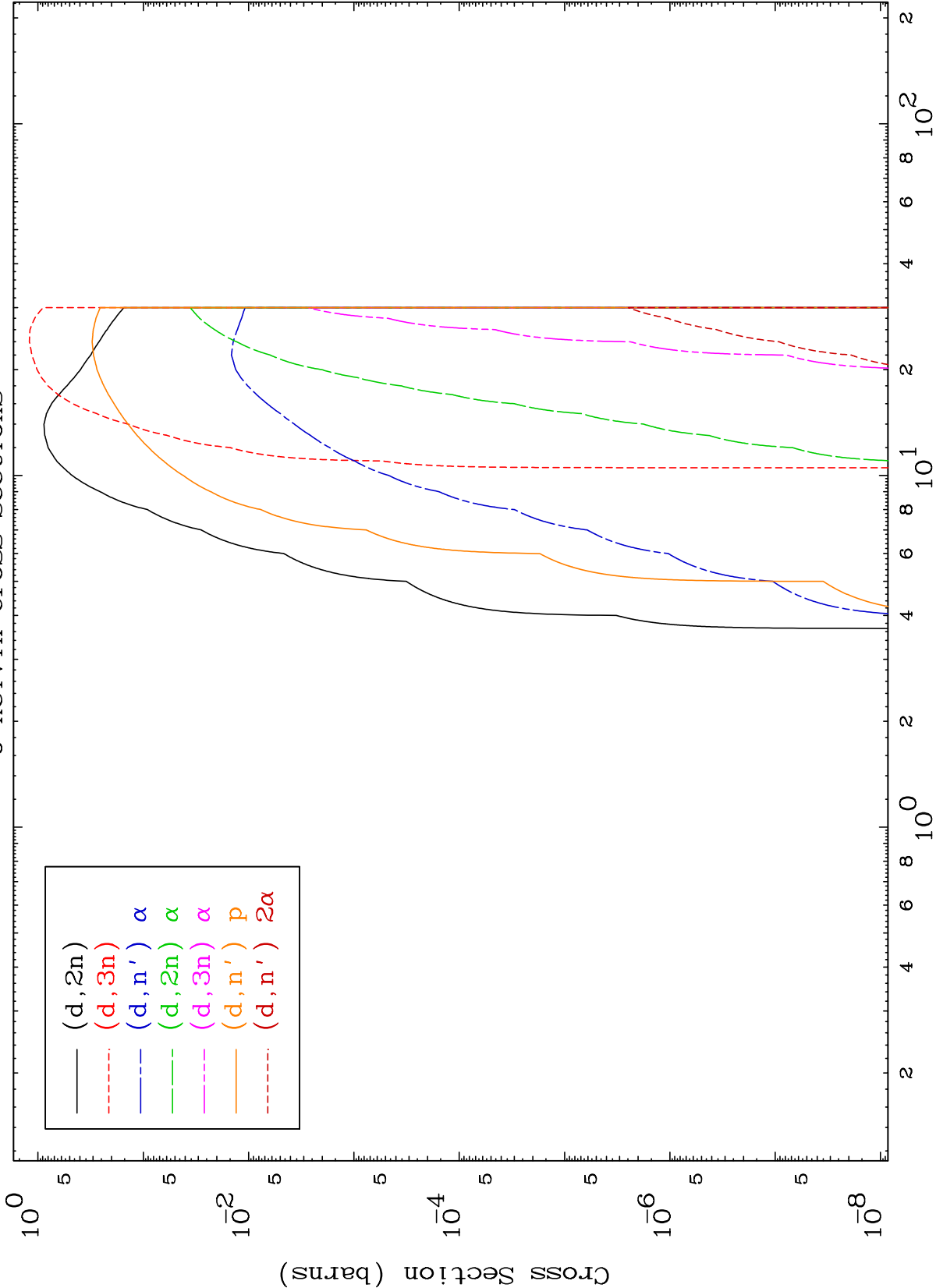
0 Kelvin Cross Sections

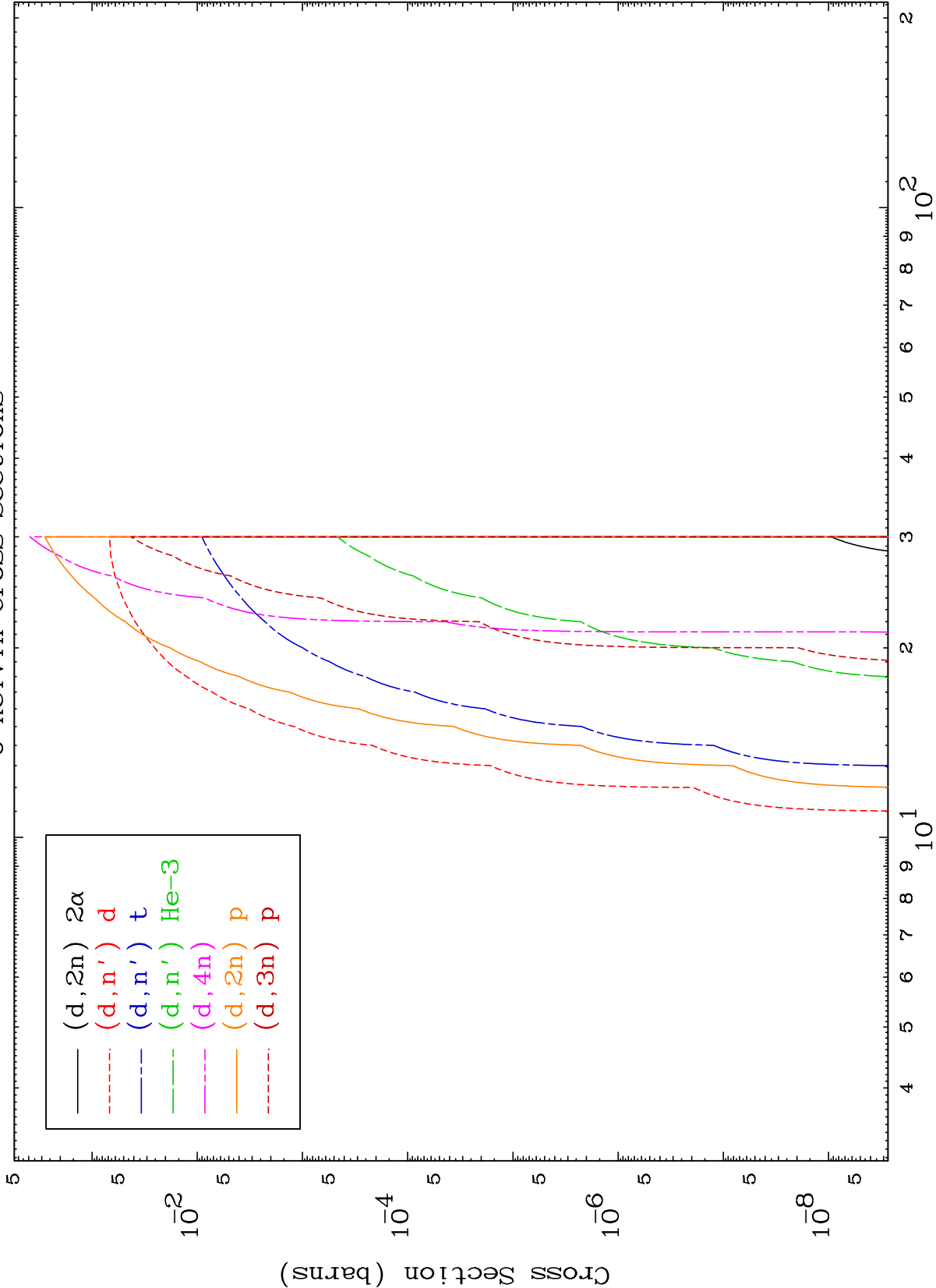


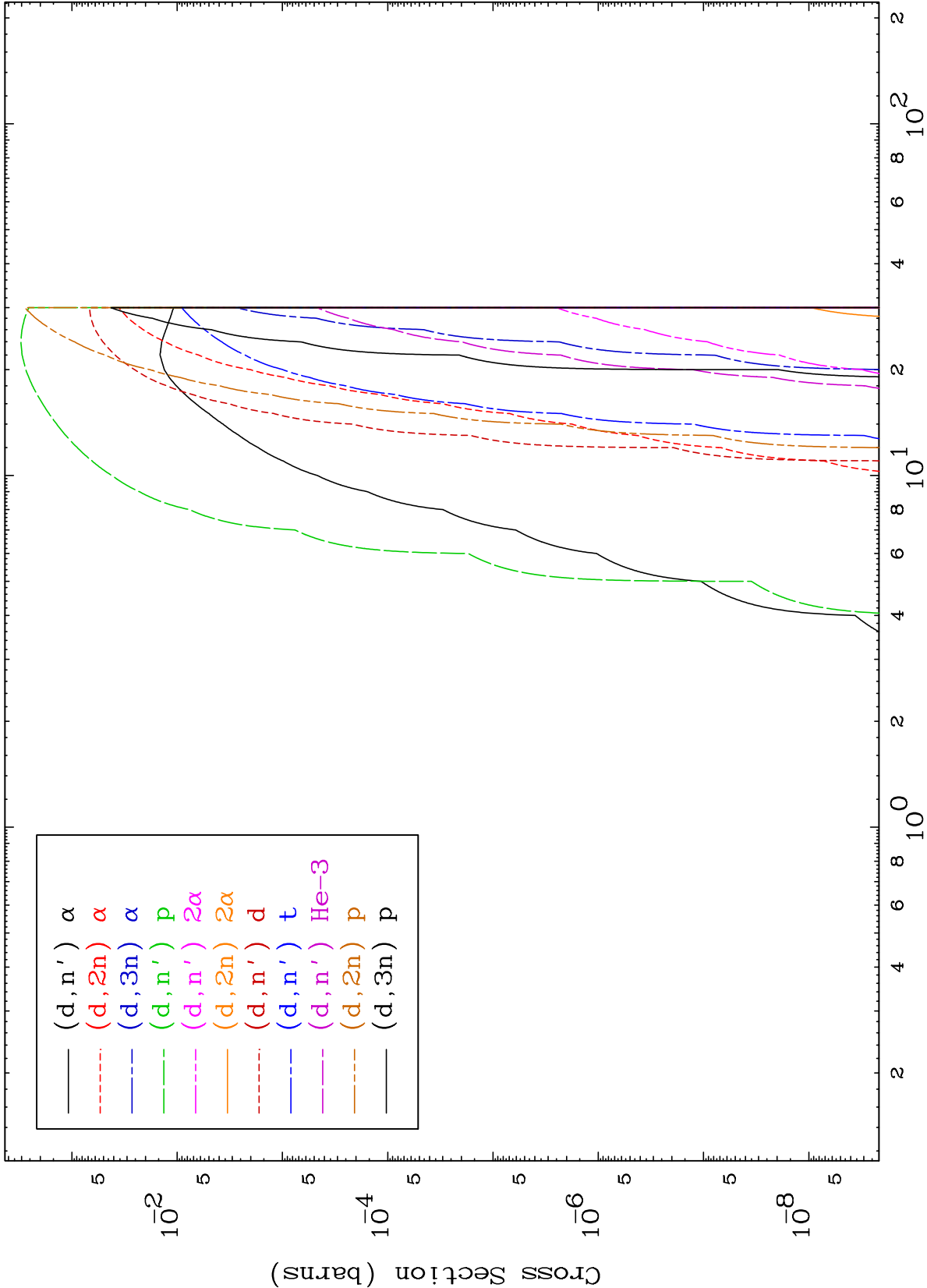
1

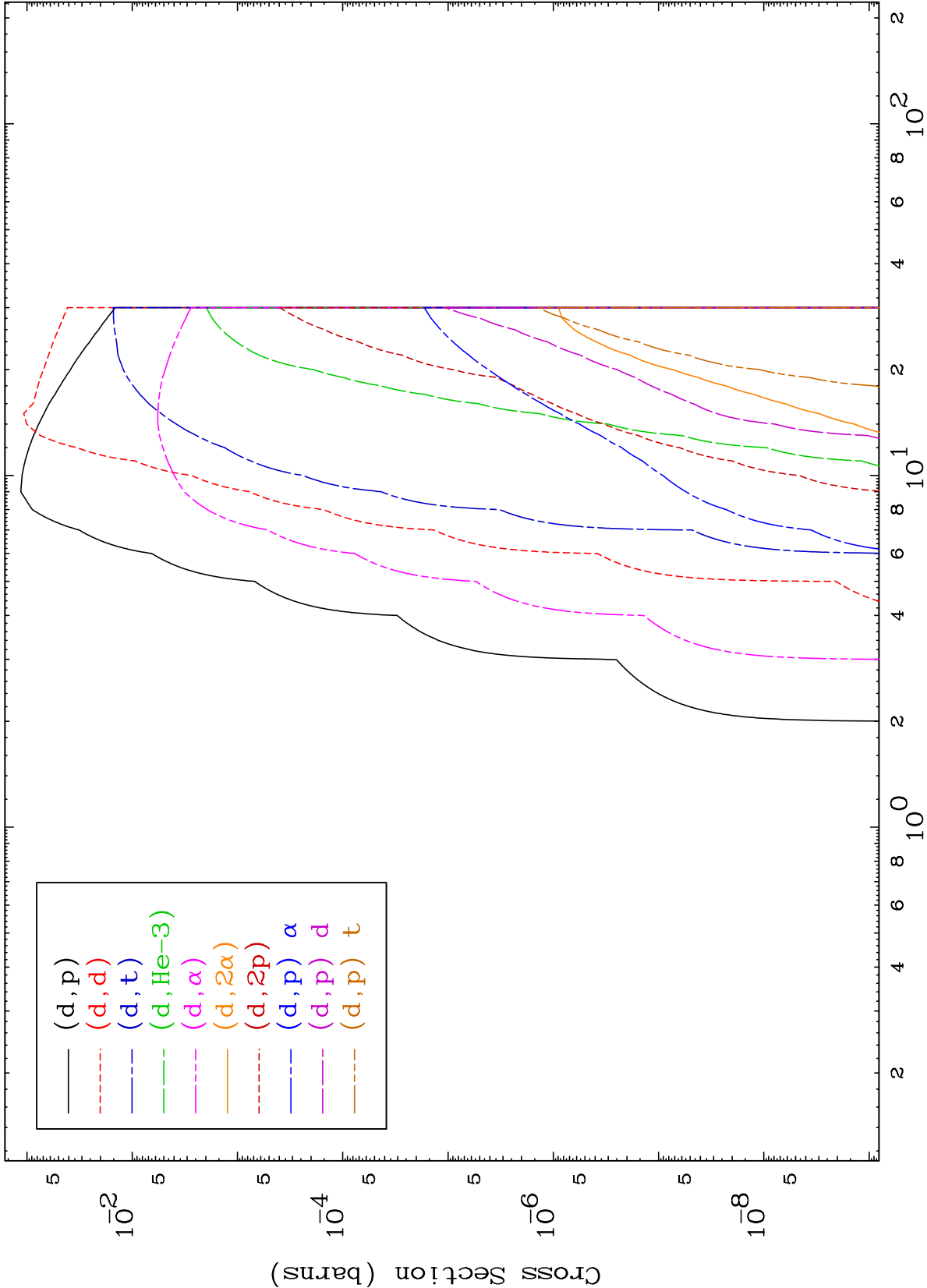
Incident Energy (MeV)

61-Pm-145





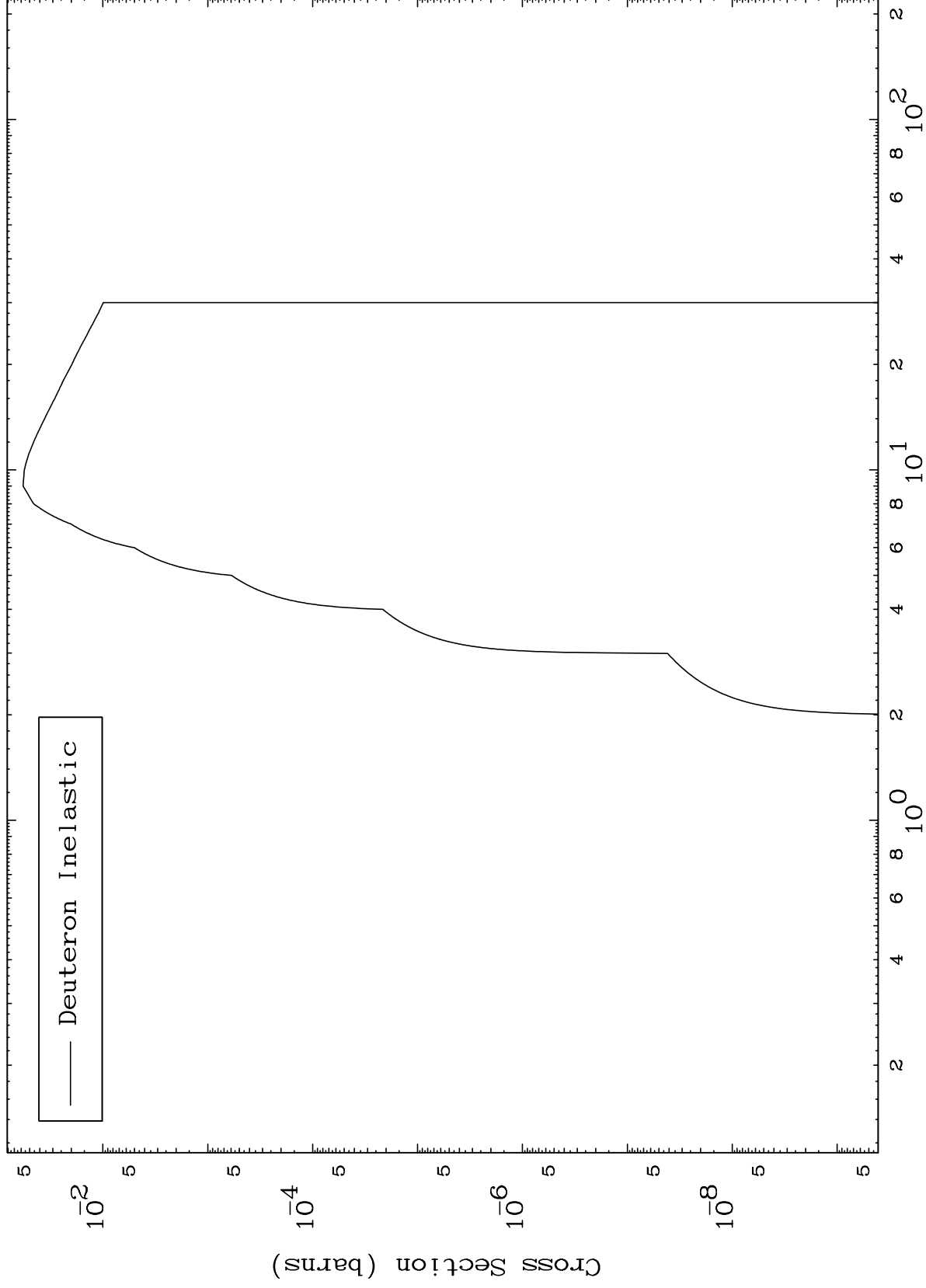




MAT 6143

61-Pm-145

(d,n') Level  
0 Kelvin Cross Sections



61-Pm-145

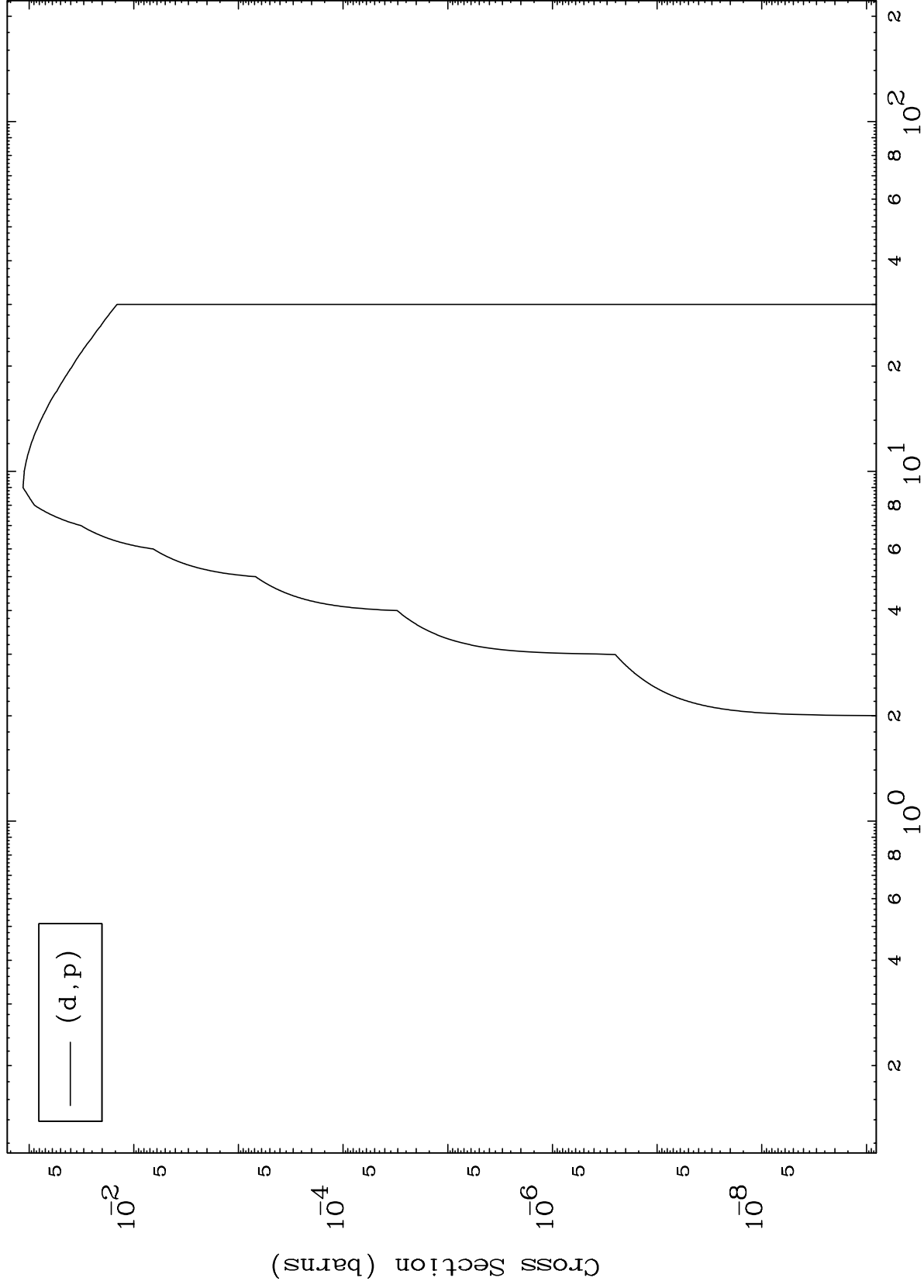
Incident Energy (MeV)

6

MAT 6143

61-Pm-145

(d,p) Levels  
0 Kelvin Cross Sections



61-Pm-145

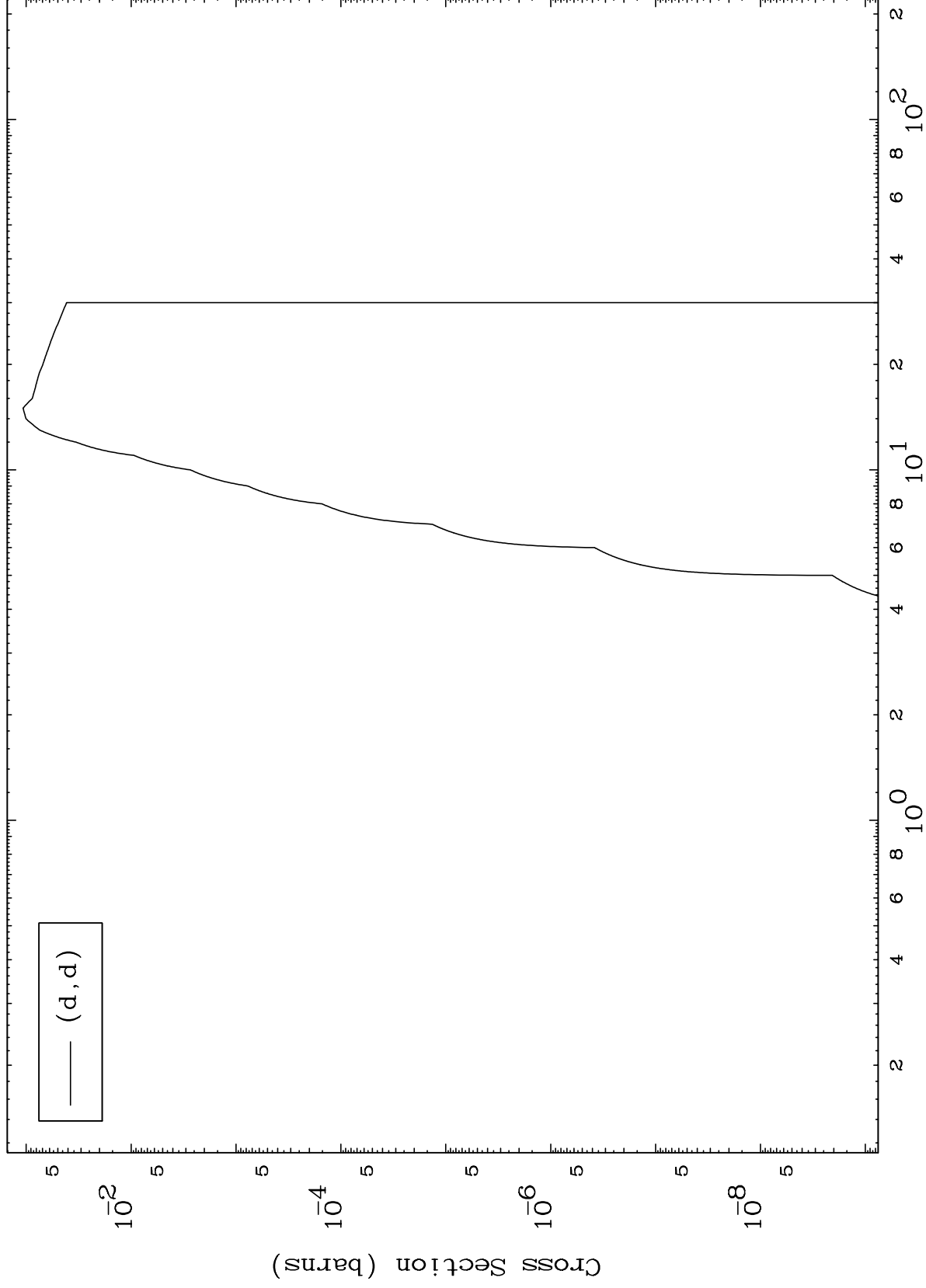
Incident Energy (MeV)

7

MAT 6143

61-Pm-145

(d,d) Levels  
0 Kelvin Cross Sections



61-Pm-145

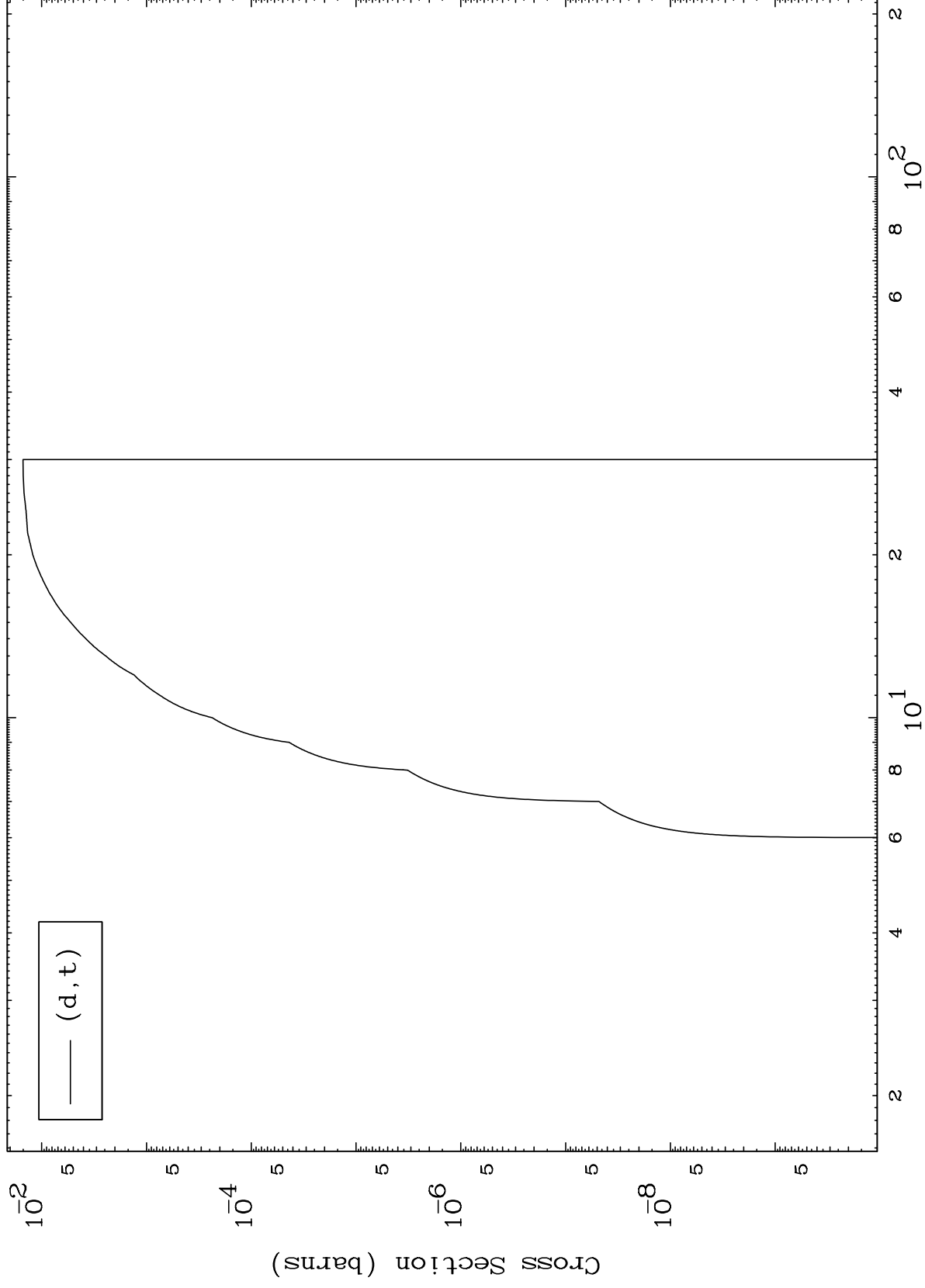
Incident Energy (MeV)

8

MAT 6143

61-Pm-145

(d,t) Levels  
0 Kelvin Cross Sections



9

61-Pm-145

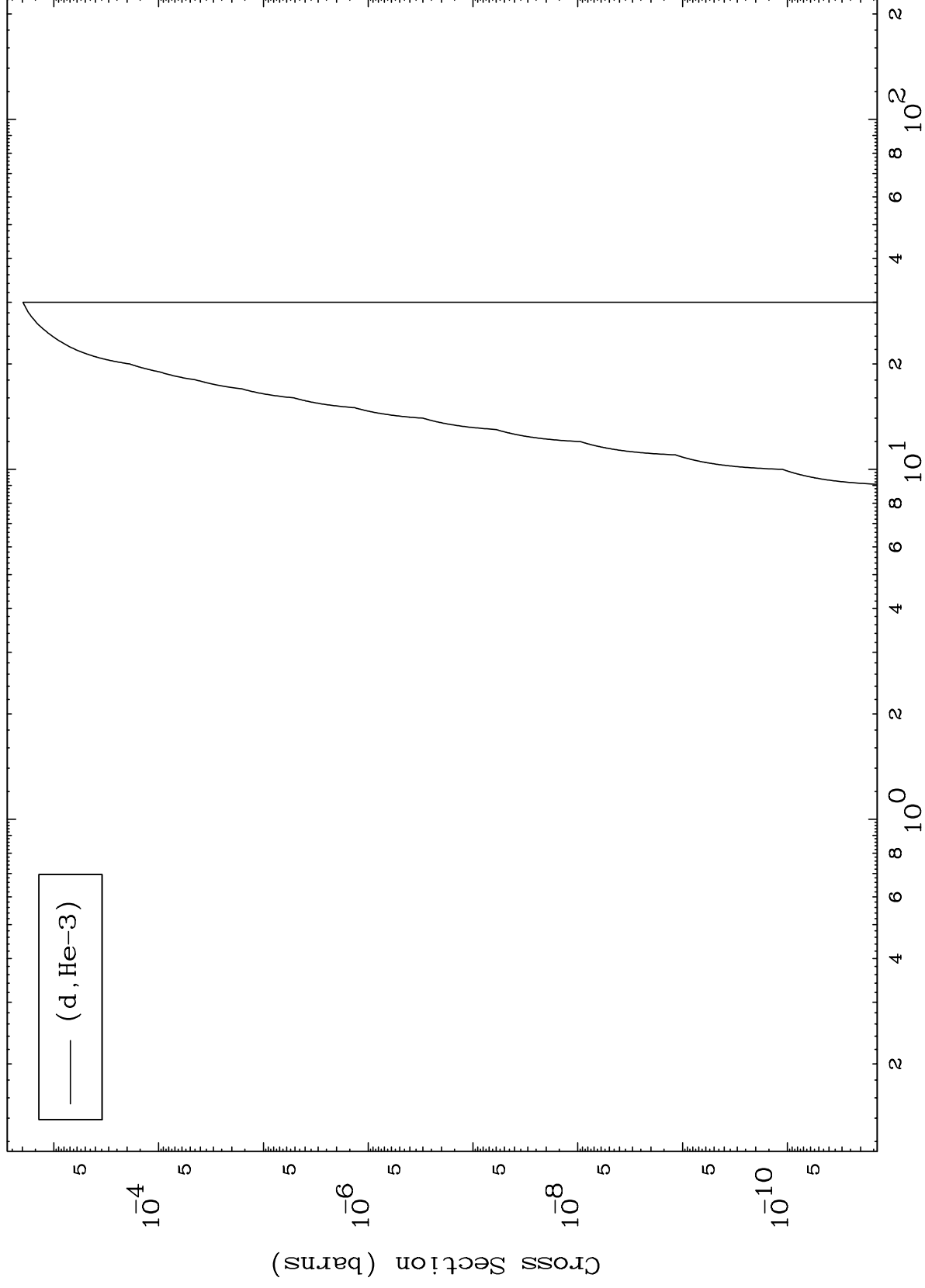
Incident Energy (MeV)

MAT 6143

(d,He3) Levels

61-Pm-145

0 Kelvin Cross Sections



— (d, He-3)

10

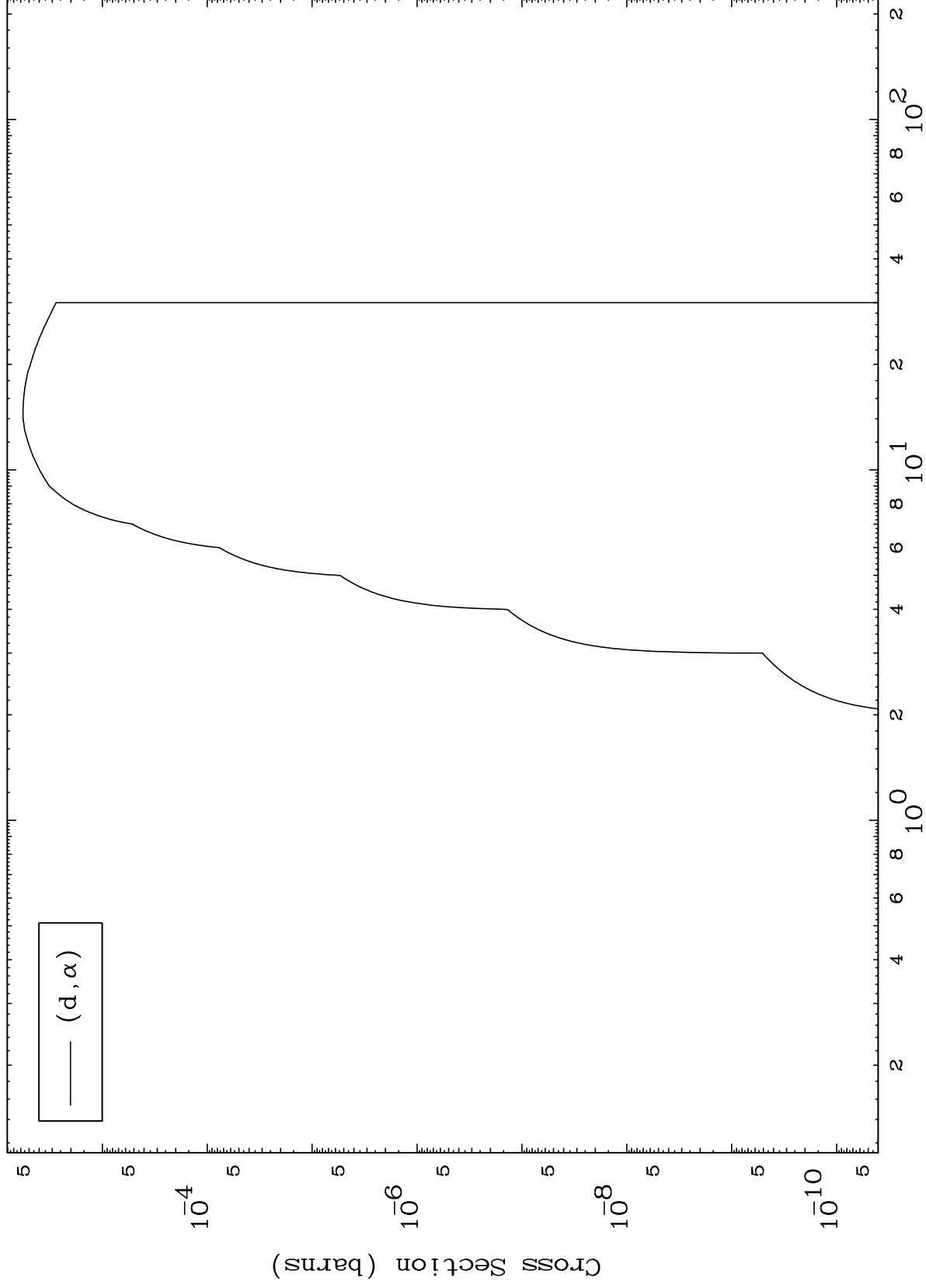
Incident Energy (MeV)

61-Pm-145

MAT 6143

61-Pm-145

(d, $\alpha$ ) Levels  
0 Kelvin Cross Sections



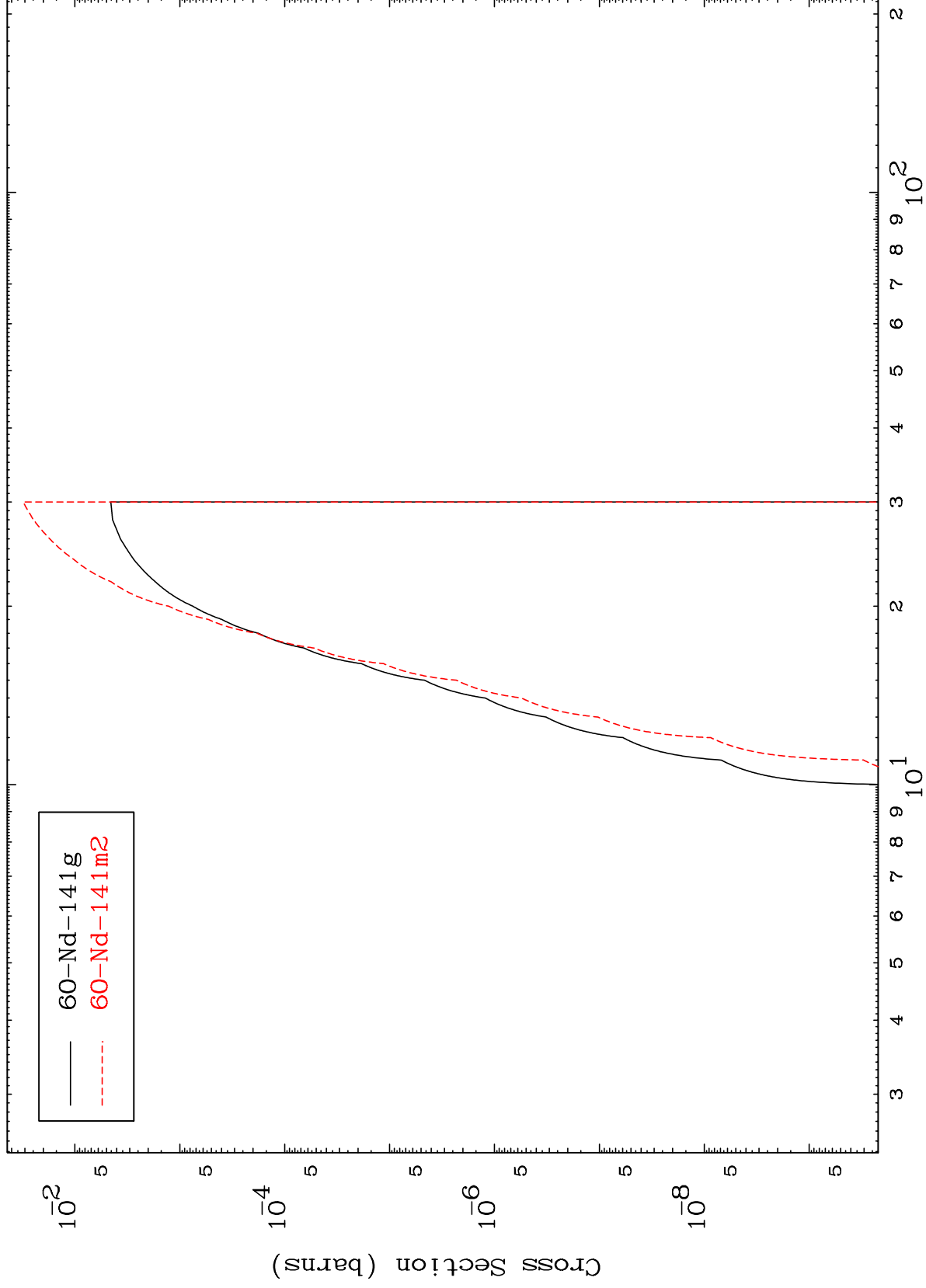
11

61-Pm-145

MAT 6143

61-Pm-145

Radionuclide Production Cross Section  
(d,2n)  $\alpha$



12

Incident Energy (MeV)

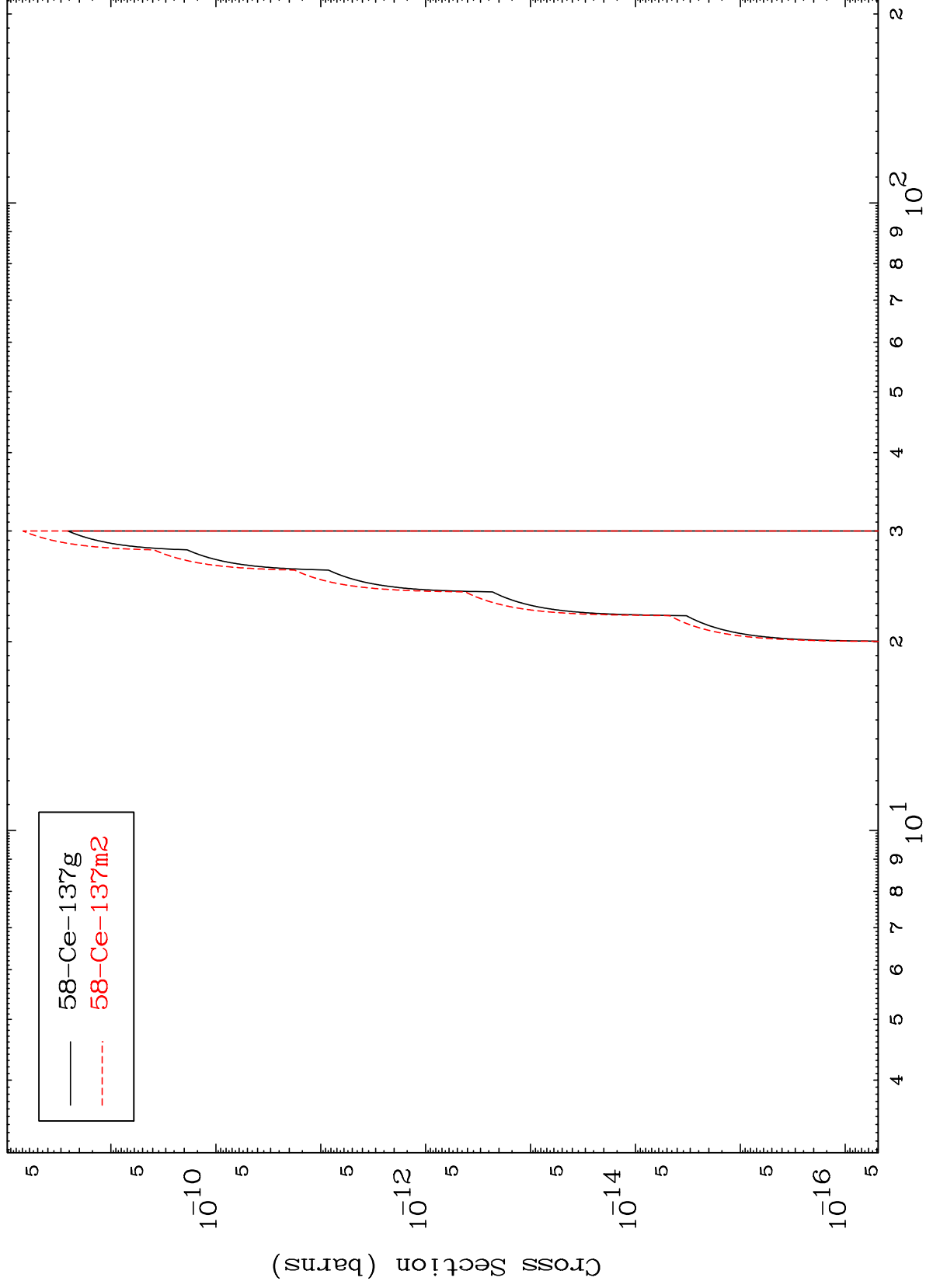
61-Pm-145

MAT 6143

(d,2n)  $2\alpha$

61-Pm-145

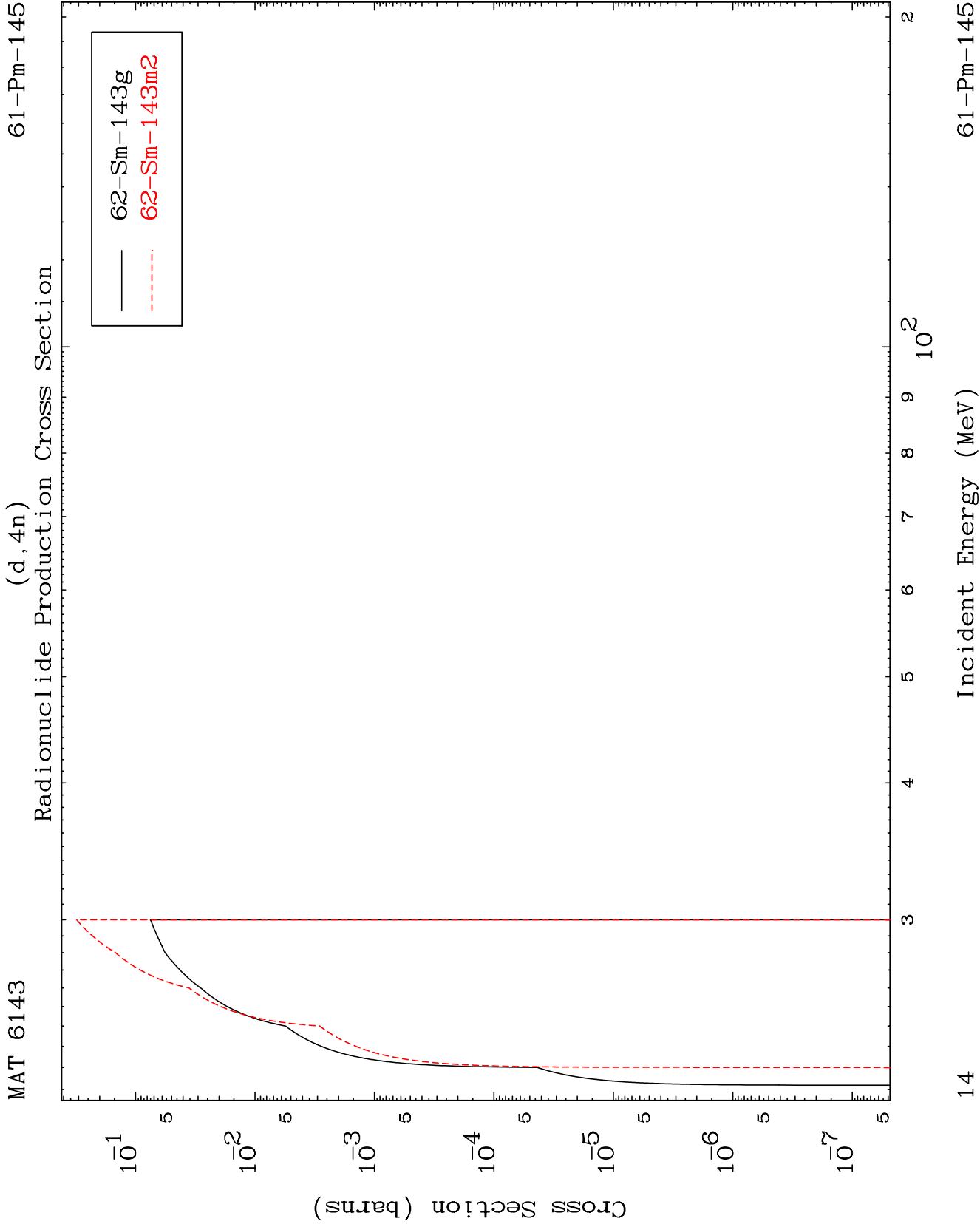
Radionuclide Production Cross Section



13

Incident Energy (MeV)

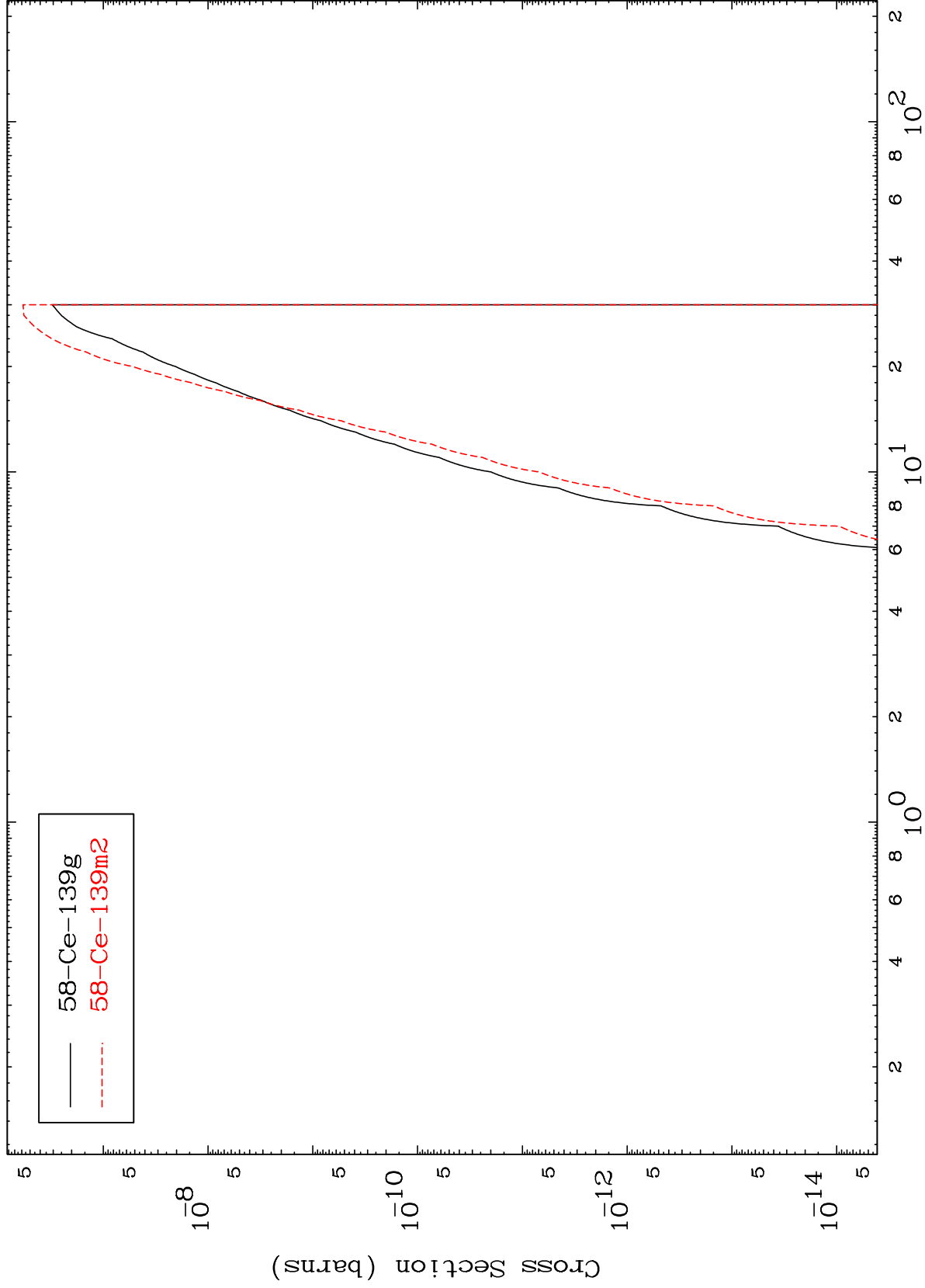
61-Pm-145



MAT 6143

61-Pm-145

Radionuclide Production Cross Section  
(d,2 $\alpha$ )



15

Incident Energy (MeV)

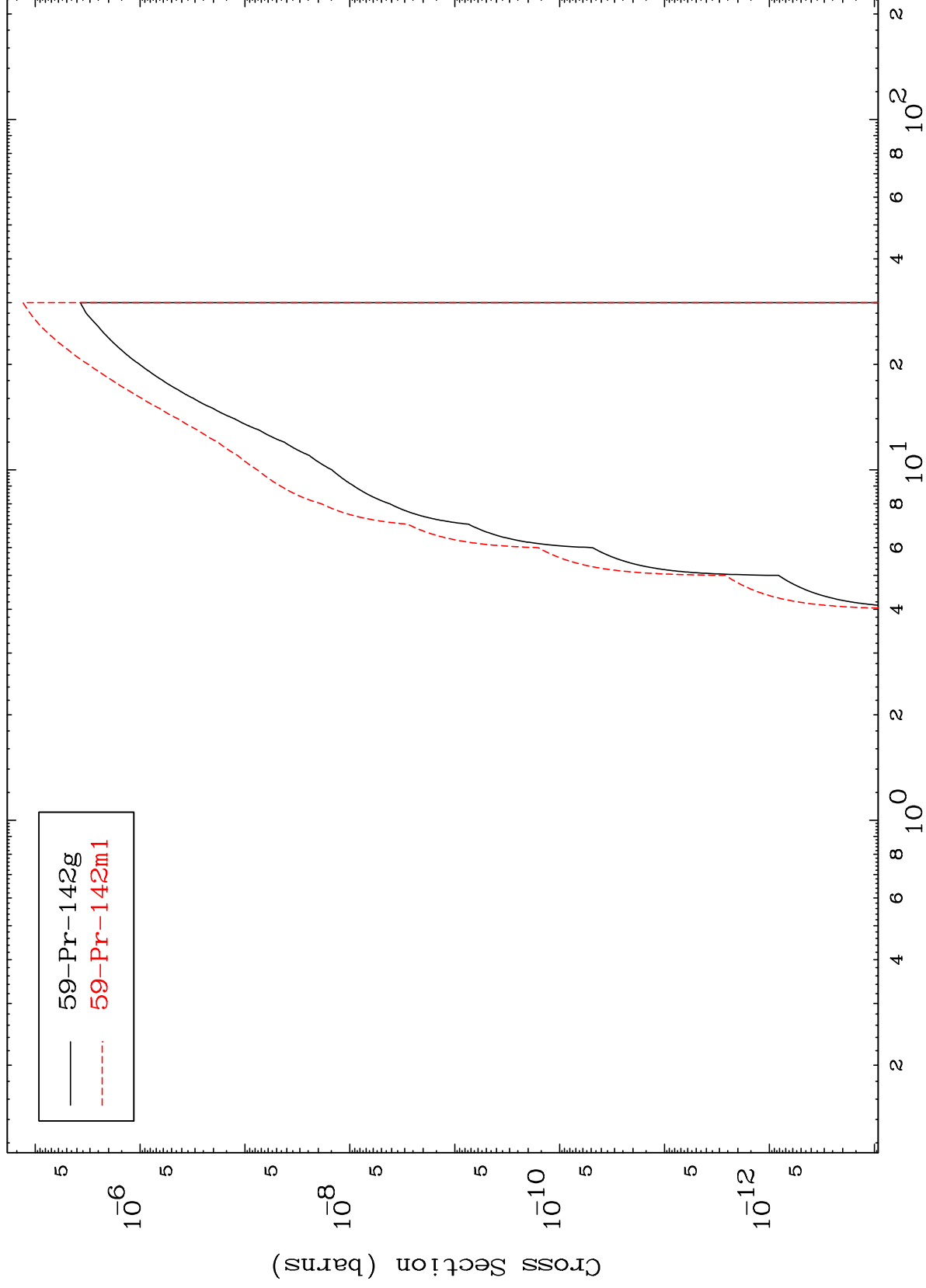
61-Pm-145

MAT 6143

(d,p)  $\alpha$

61-Pm-145

Radionuclide Production Cross Section



16

Incident Energy (MeV)

61-Pm-145