

Program EVALPLOT  
(Version 2018-1)

by

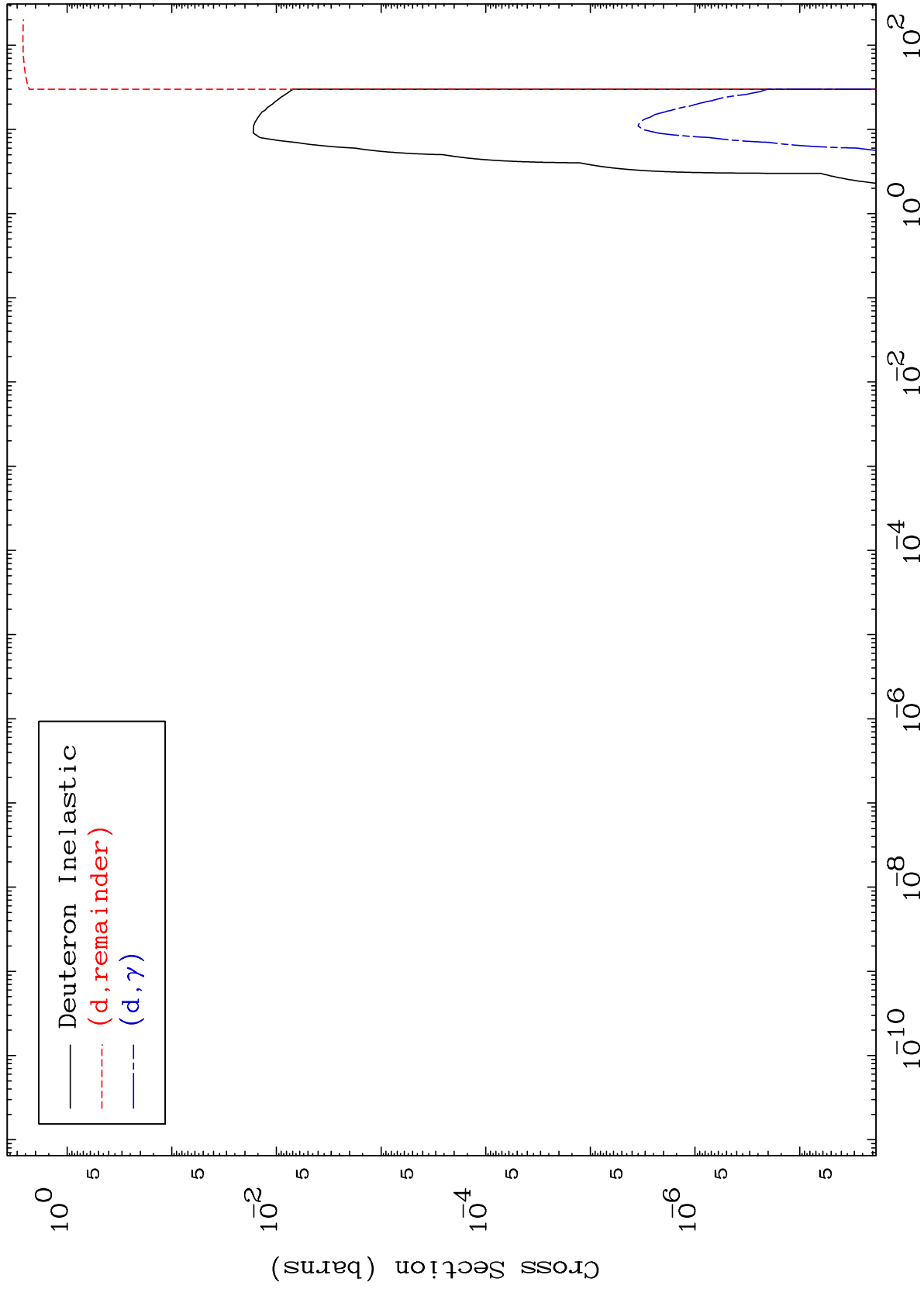
Dermott E. Cullen  
(Present Contact Information)

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

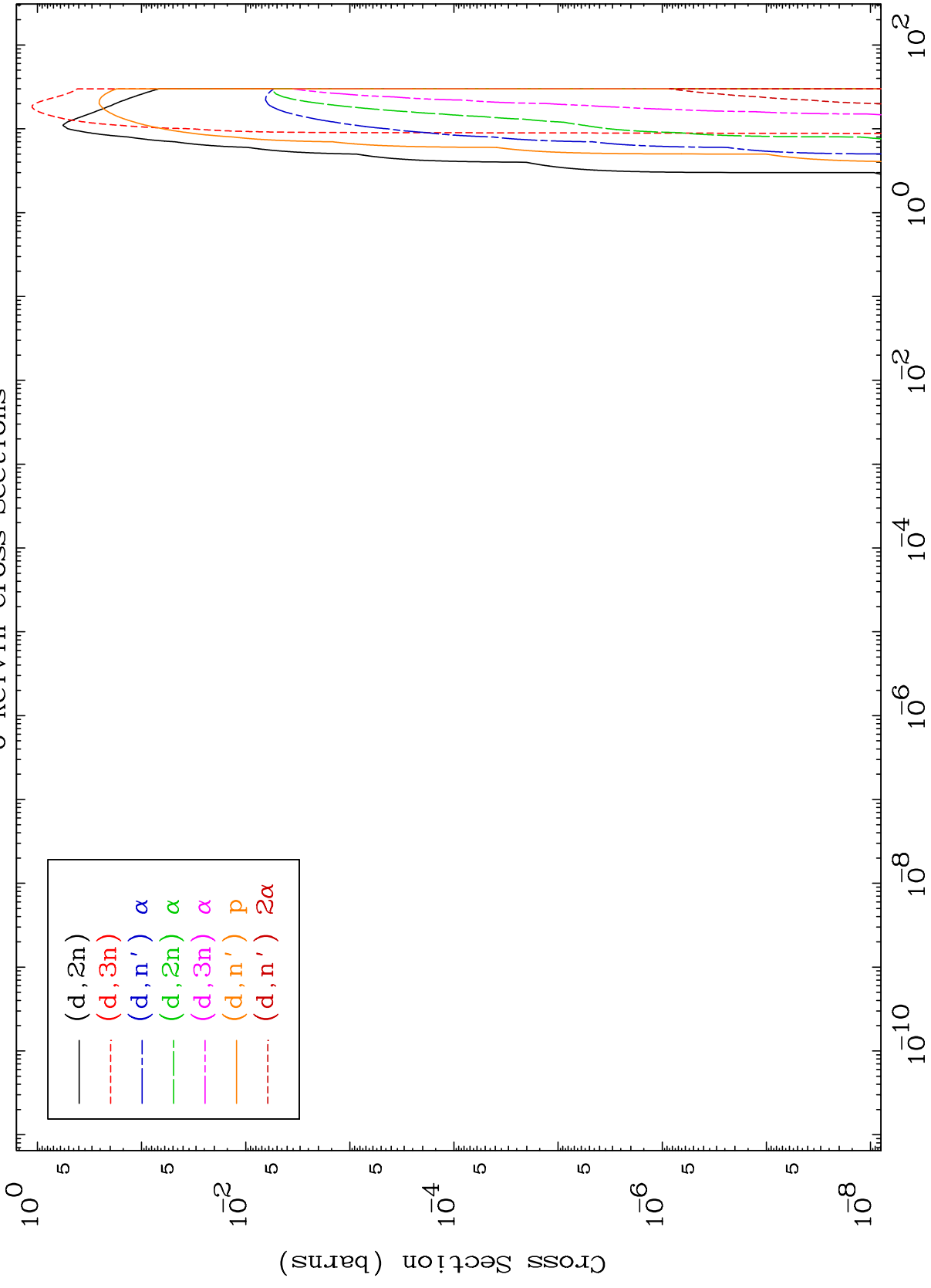
Press Mouse Button to Start



MAT 6152

Deuteron Neutron Production  
0 Kelvin Cross Sections

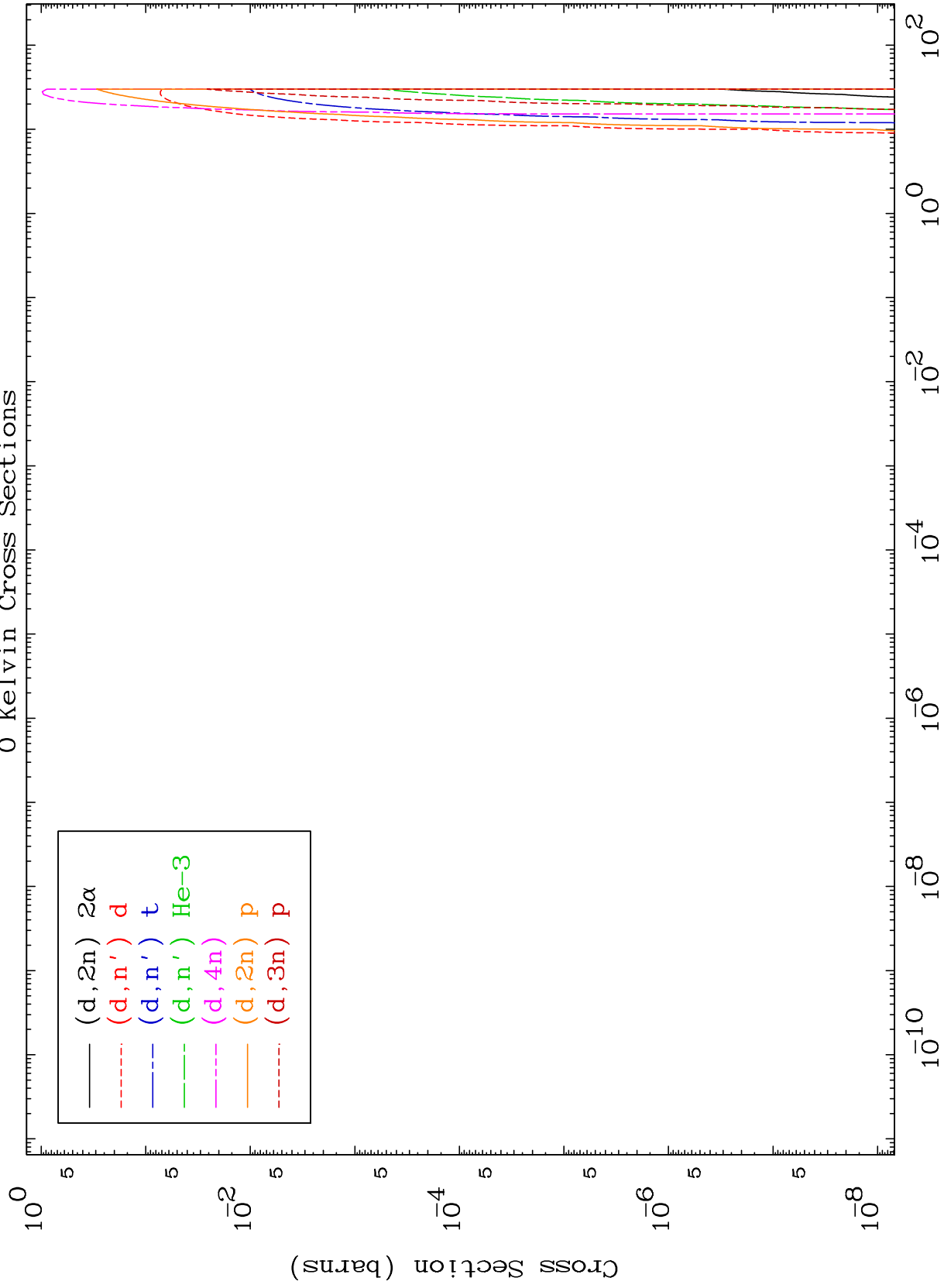
61-Pm-148



MAT 6152

Deuteron Neutron Production  
0 Kelvin Cross Sections

61-Pm-148



3

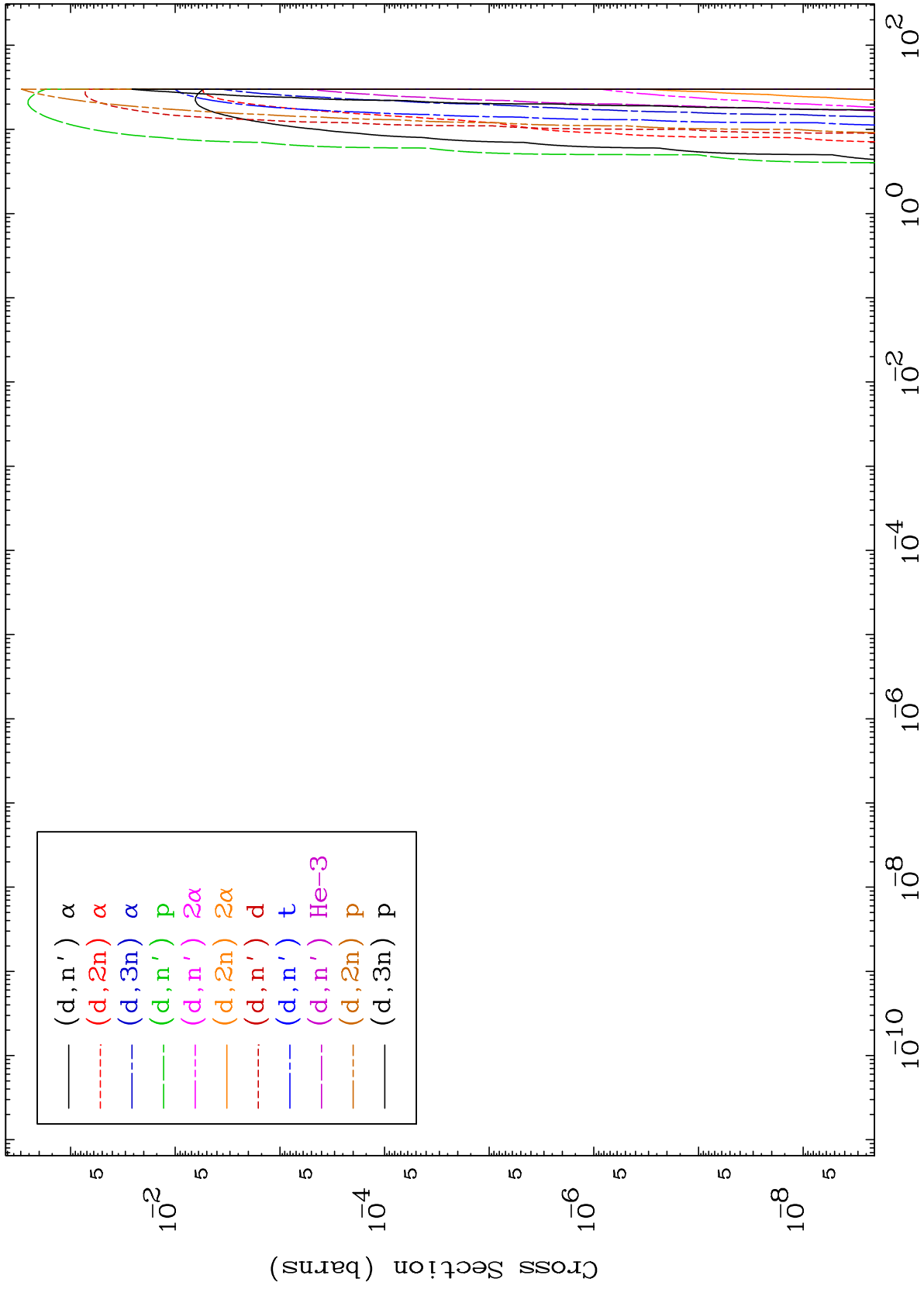
Incident Energy (MeV)

61-Pm-148

MAT 6152

Deuteron Charged Particle  
0 Kelvin Cross Sections

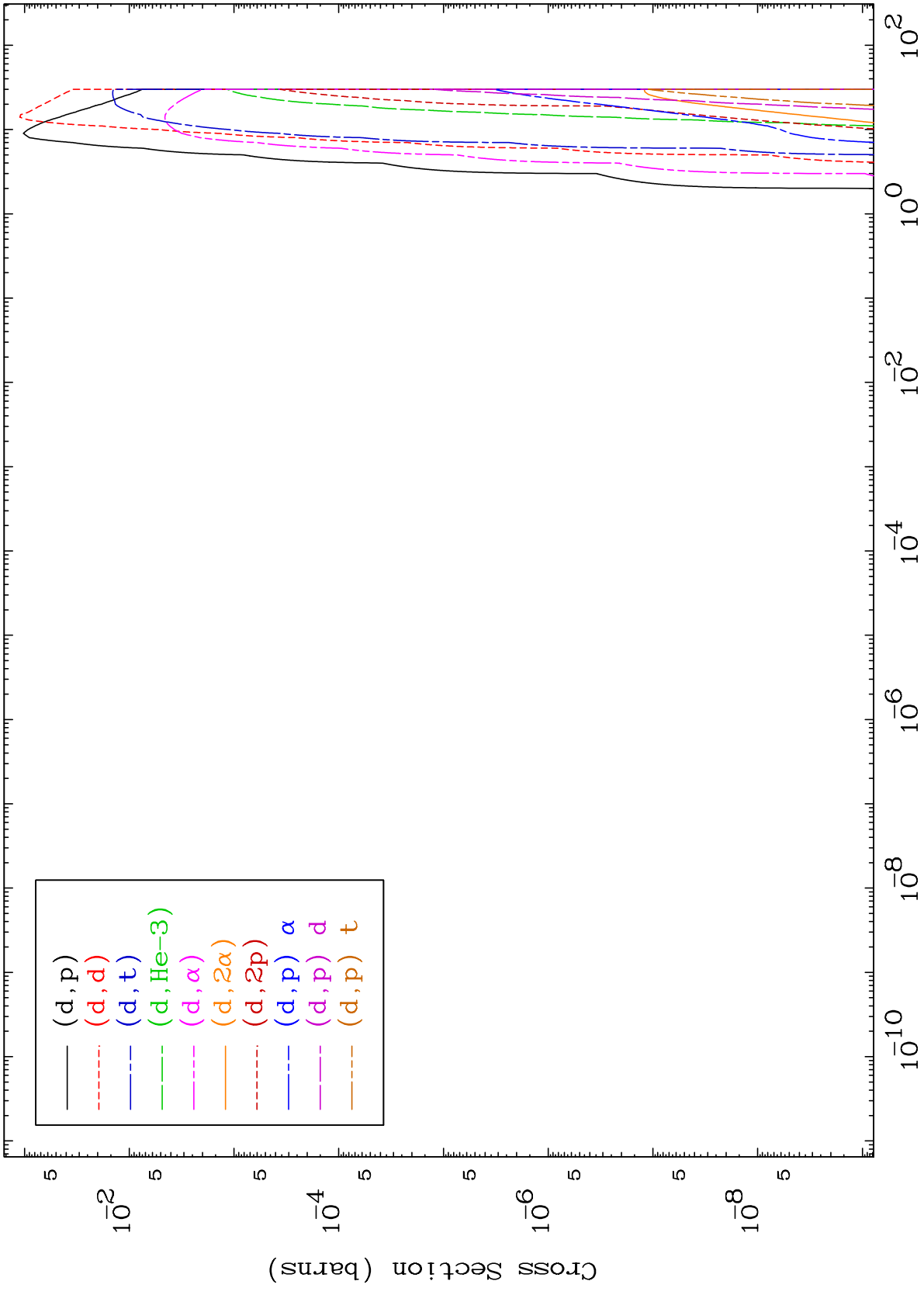
61-Pm-148



MAT 6152

Deuteron Charged Particle  
0 Kelvin Cross Sections

61-Pm-148



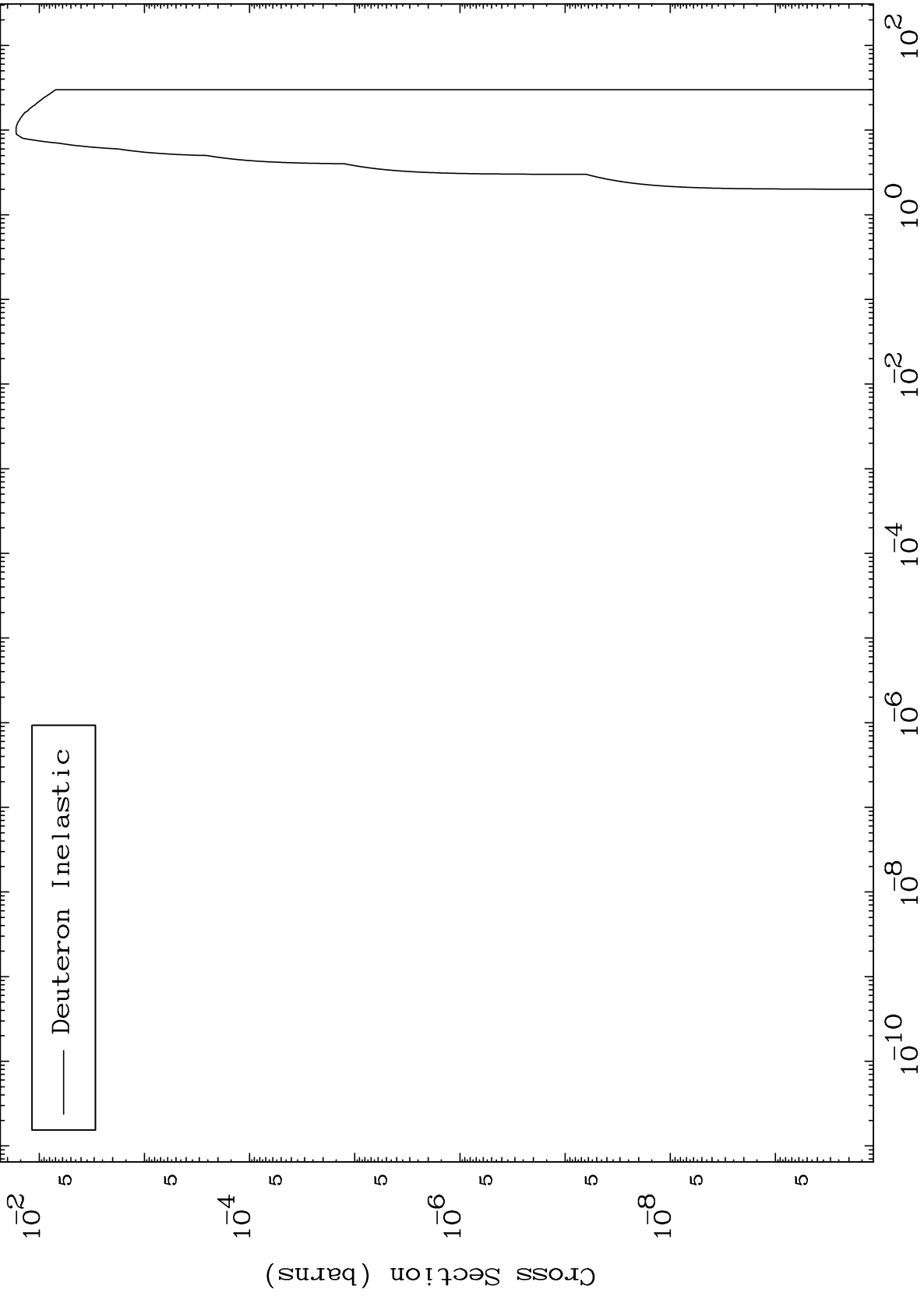
5

61-Pm-148

MAT 6152

(d,n') Level  
0 Kelvin Cross Sections

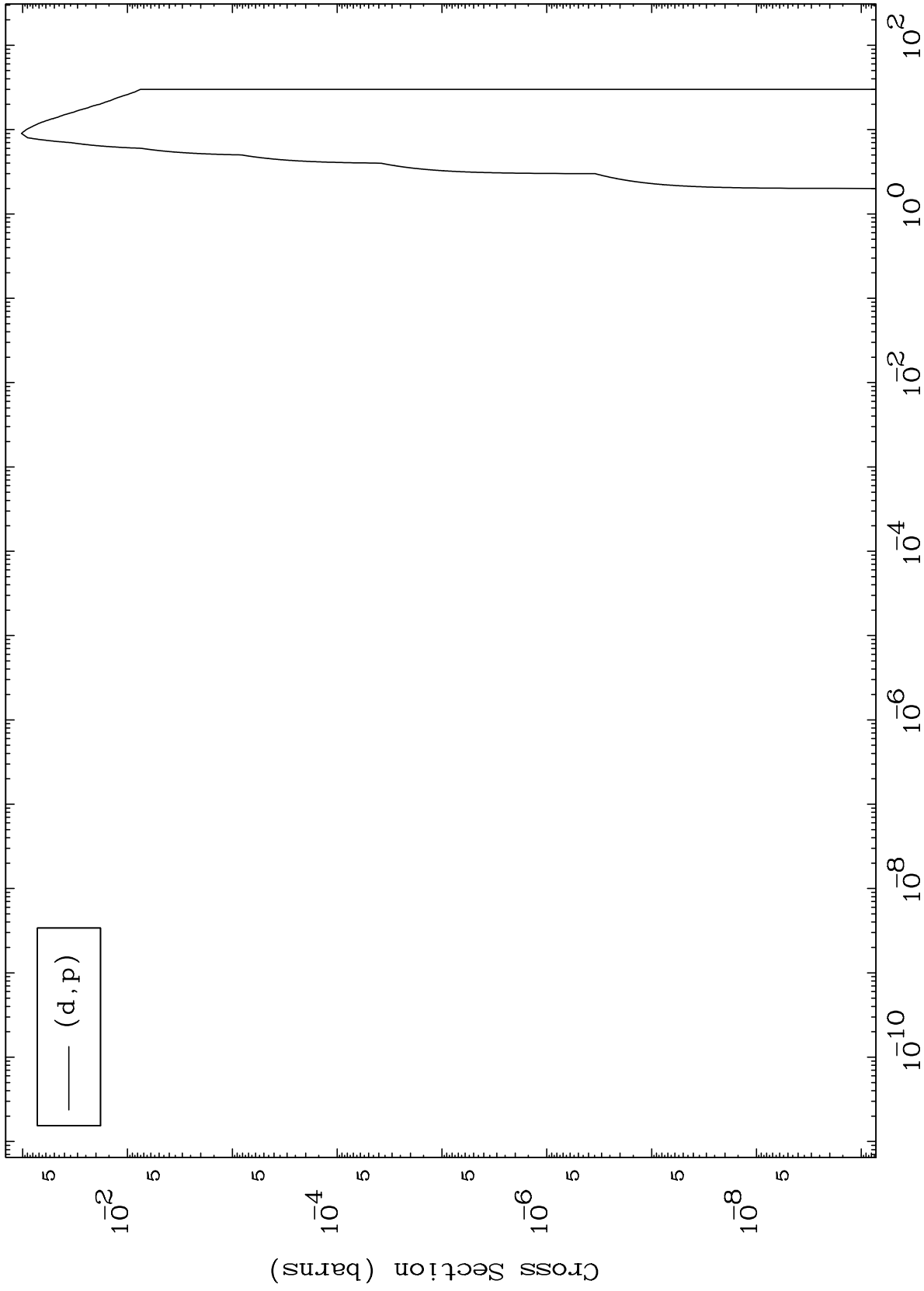
61-Pm-148



MAT 6152

(d,p) Levels  
0 Kelvin Cross Sections

61-Pm-148



7

Incident Energy (MeV)

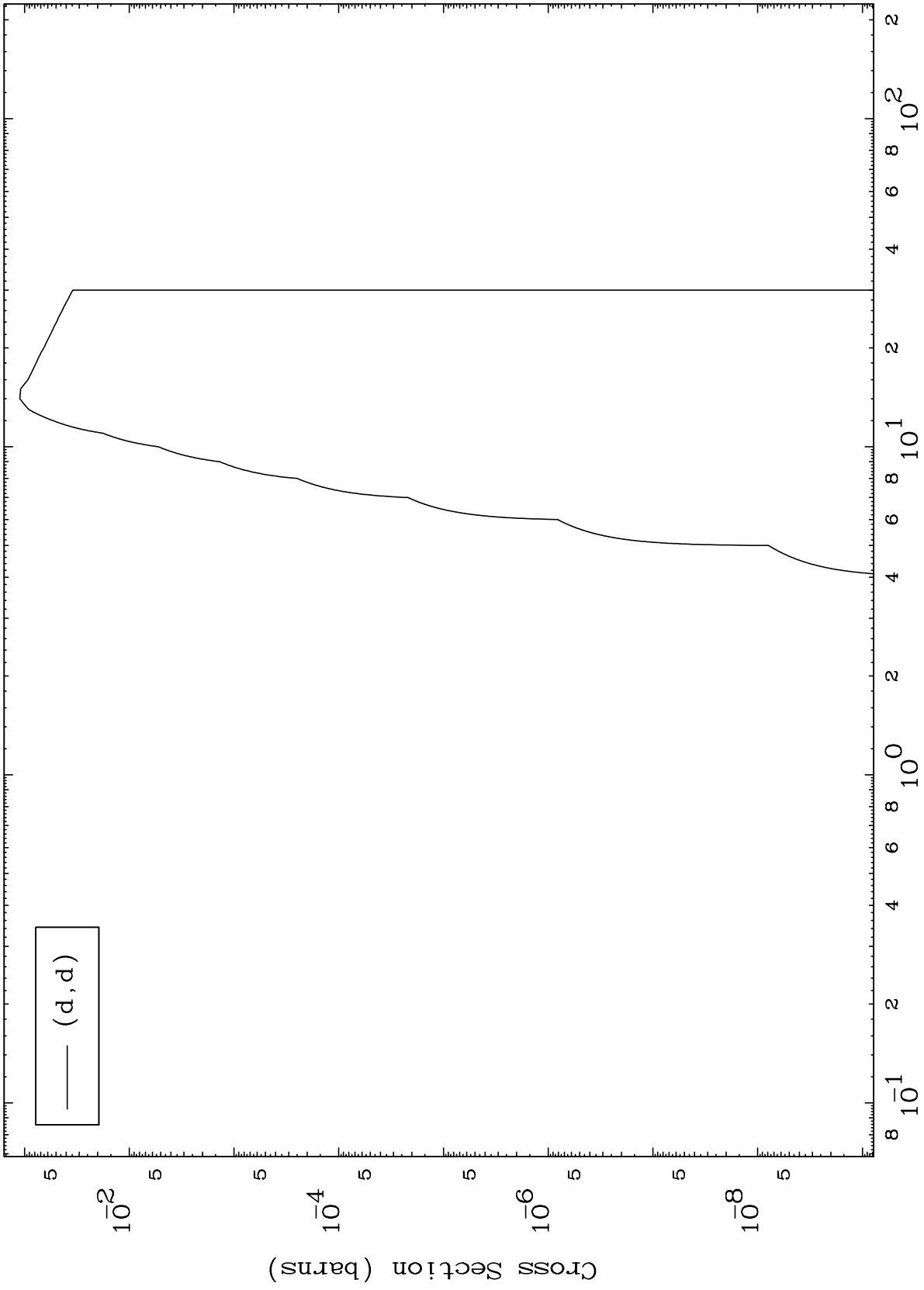
61-Pm-148



MAT 6152

(d,d) Levels  
0 Kelvin Cross Sections

61-Pm-148



8

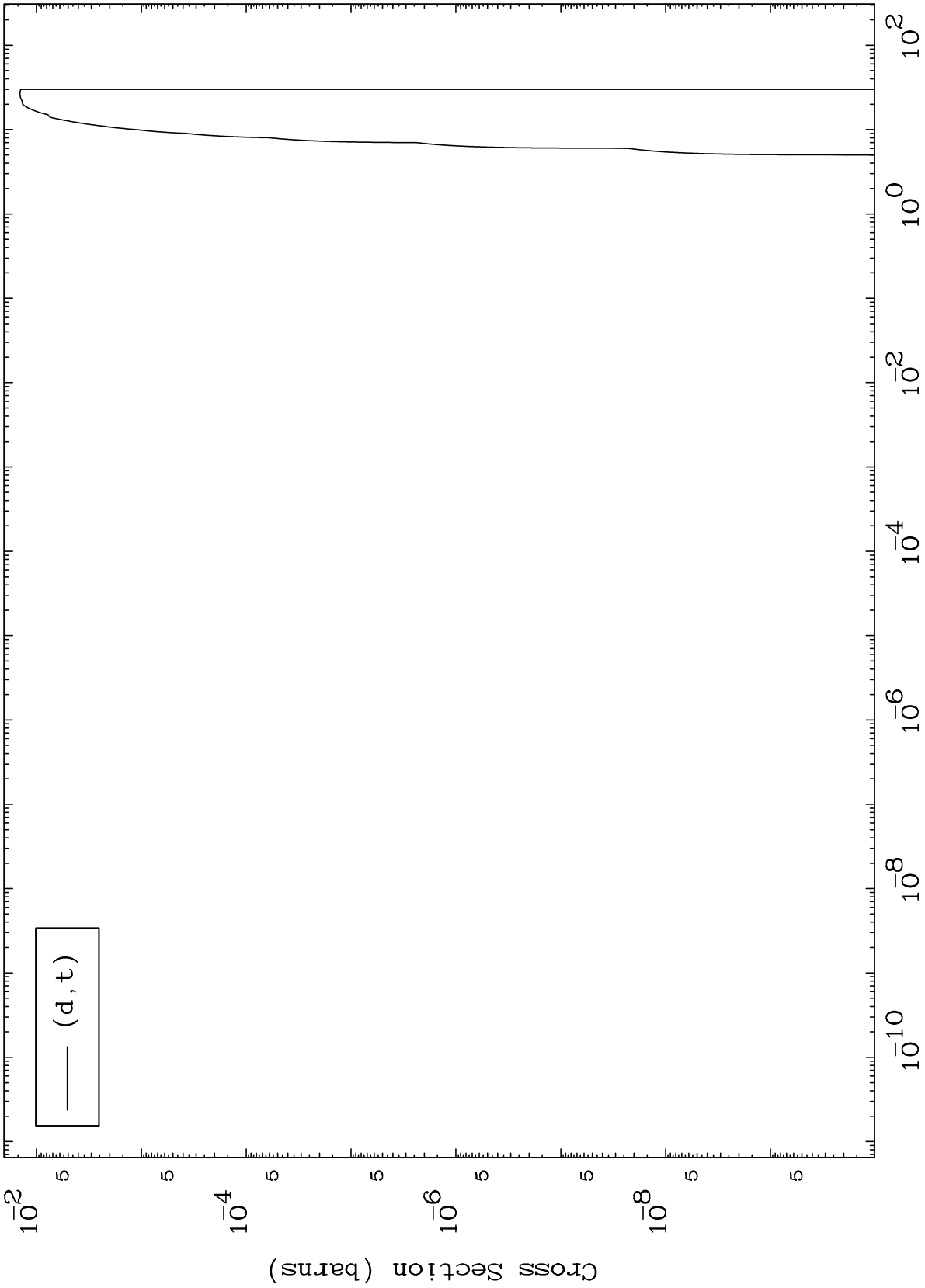
Incident Energy (MeV)

61-Pm-148

MAT 6152

(d,t) Levels  
0 Kelvin Cross Sections

61-Pm-148

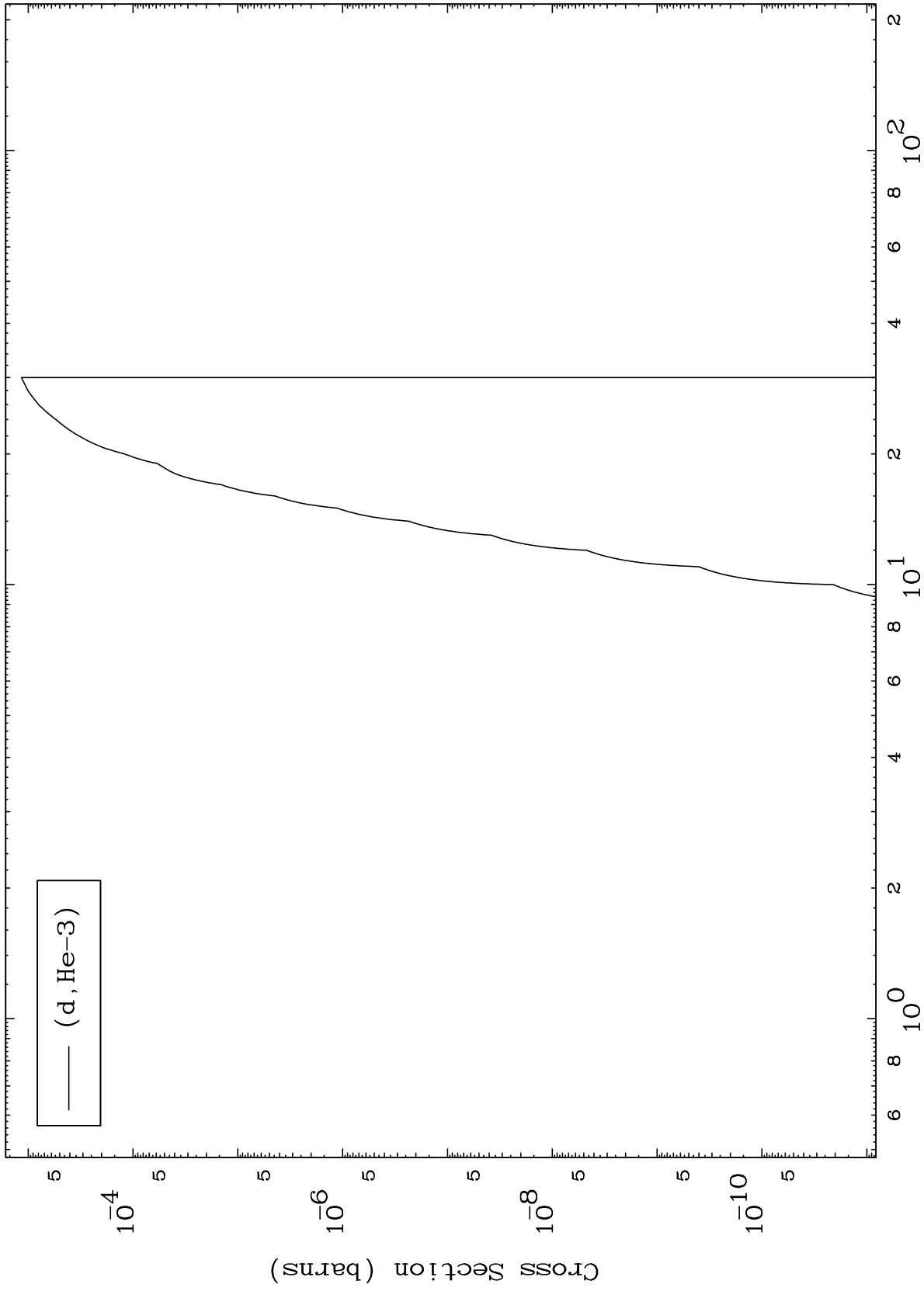


61-Pm-148

MAT 6152

(d,He3) Levels  
0 Kelvin Cross Sections

61-Pm-148



10

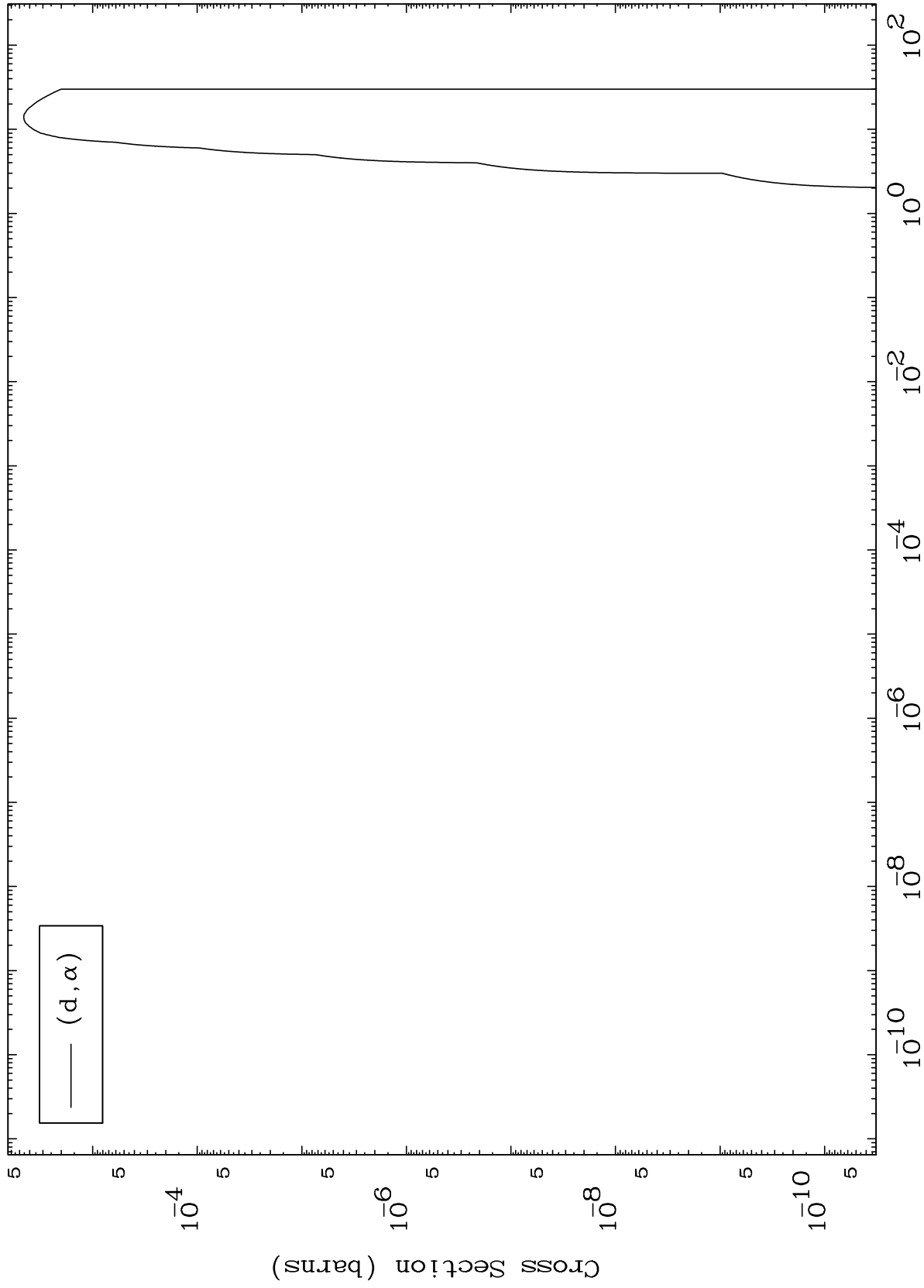
Incident Energy (MeV)

61-Pm-148

MAT 6152

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

61-Pm-148



11

Incident Energy (MeV)

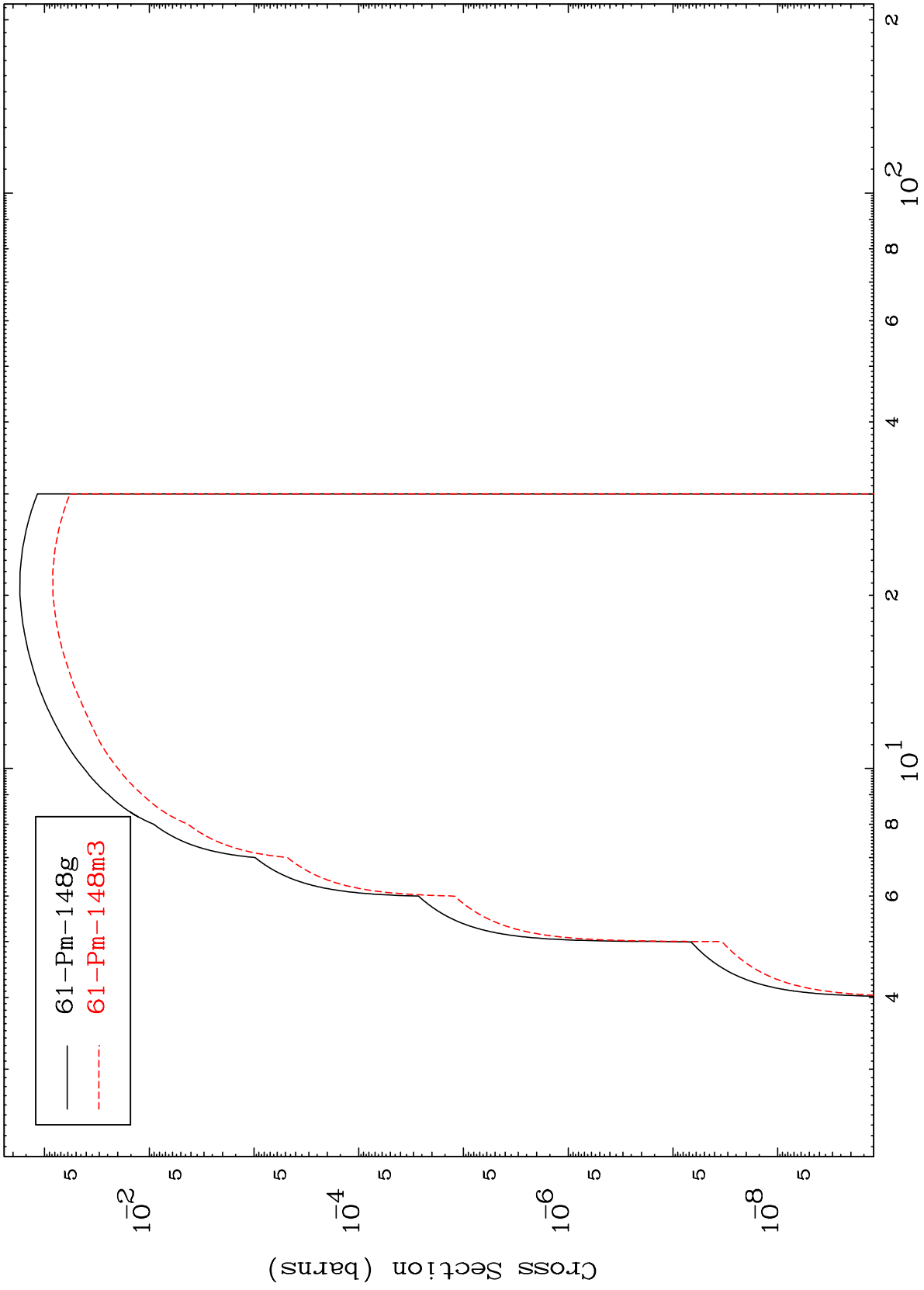
61-Pm-148

MAT 6152

(d,n') p

<sup>61</sup>Pm-148

Radionuclide Production Cross Section



12

Incident Energy (MeV)

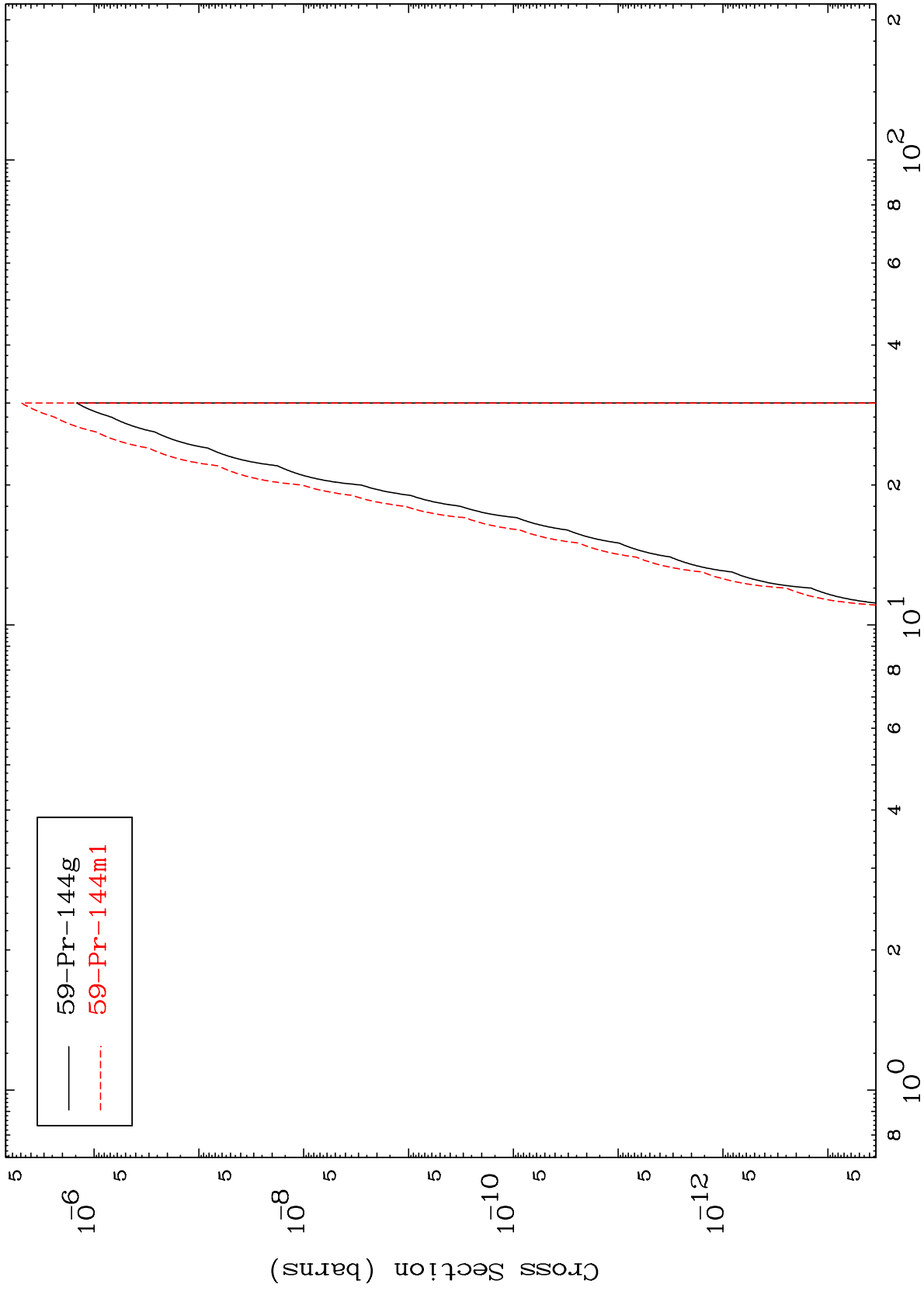
<sup>61</sup>Pm-148

MAT 6152

(d,n') p  $\alpha$

61-Pm-148

Radionuclide Production Cross Section



13

Incident Energy (MeV)

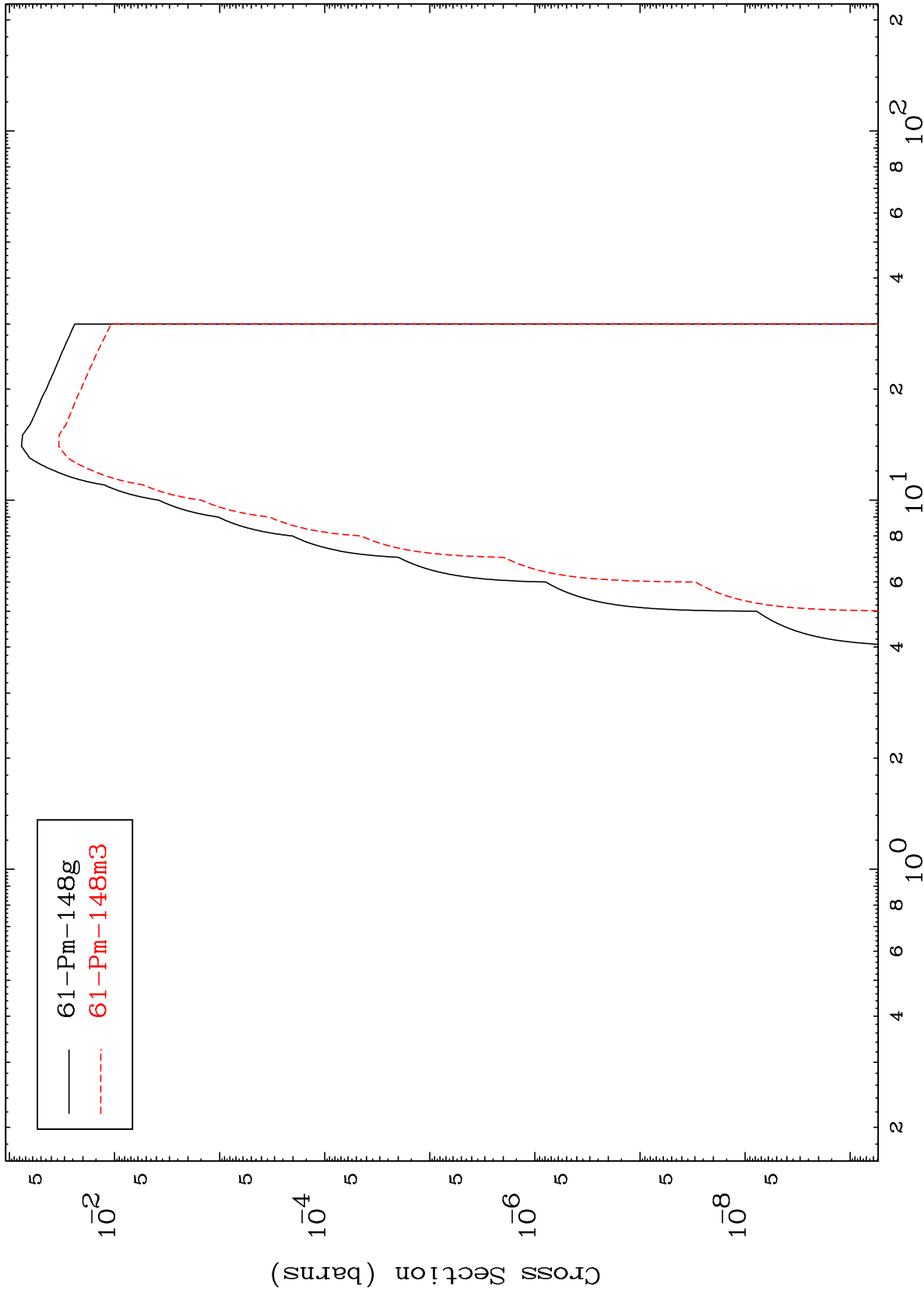
61-Pm-148

MAT 6152

(d,d)

61-Pm-148

Radionuclide Production Cross Section



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

14

Incident Energy (MeV)

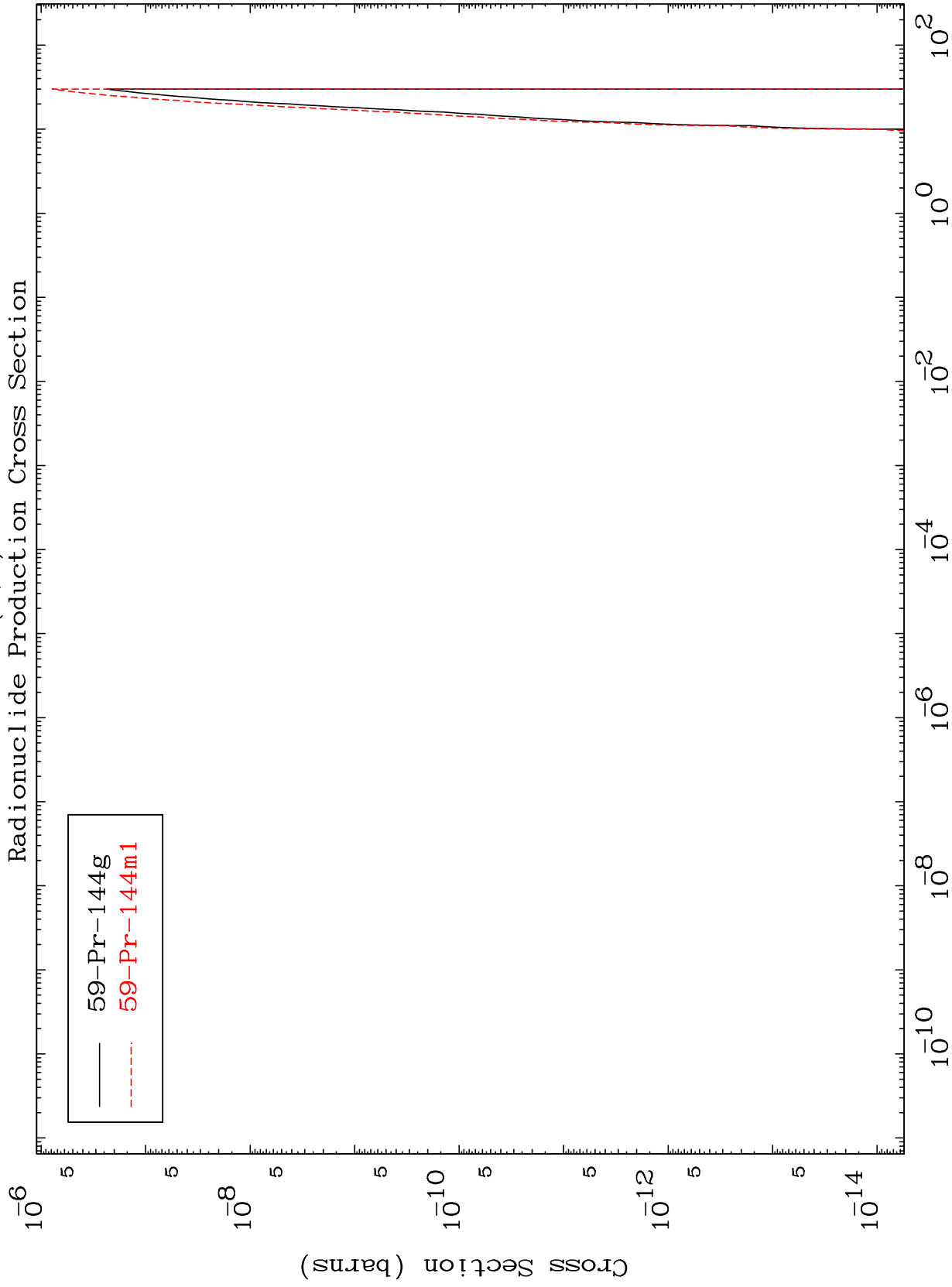
61-Pm-148

MAT 6152

(d,d)  $\alpha$

<sup>61</sup>Pm-148

Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>61</sup>Pm-148