

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)

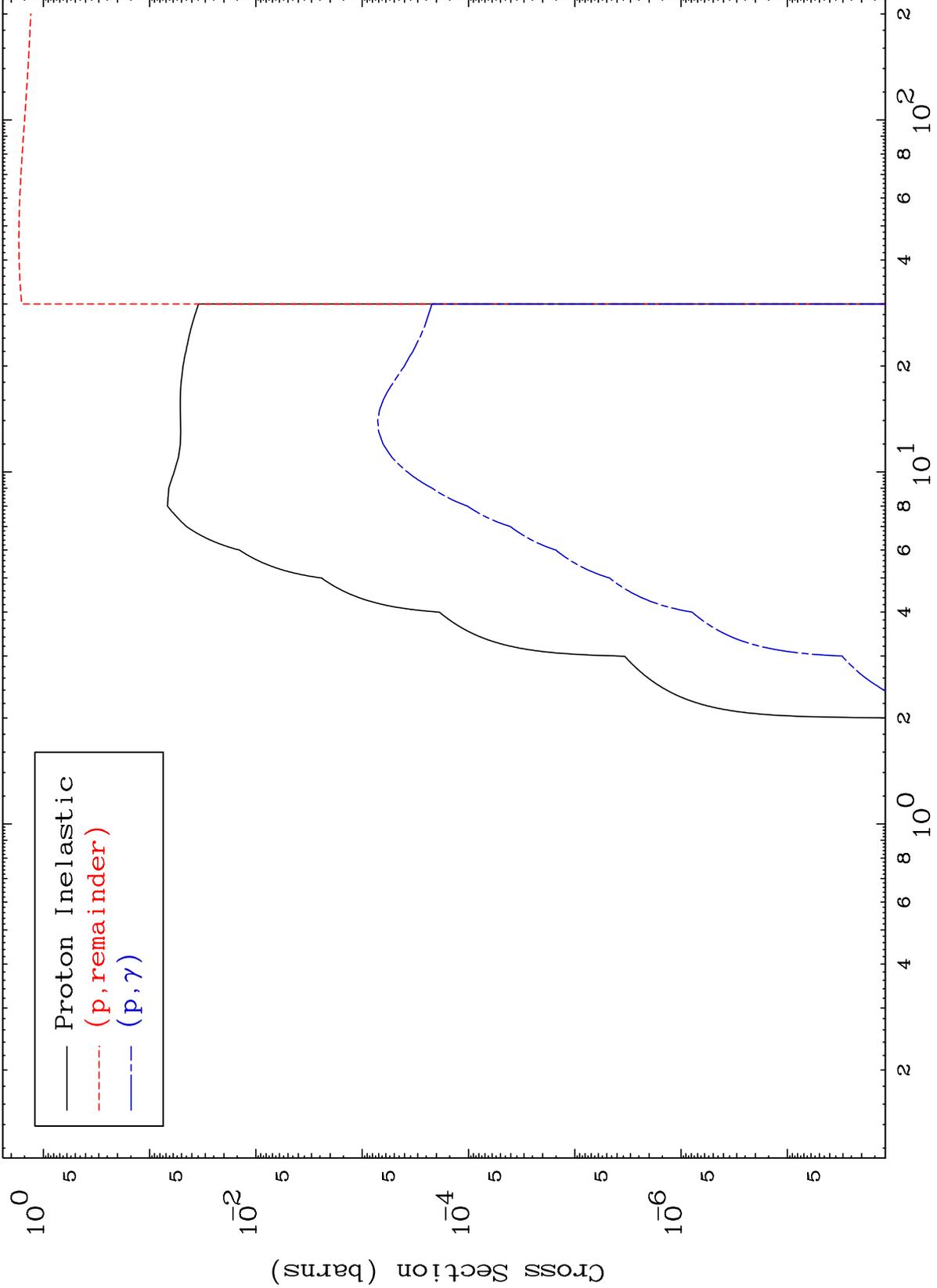
Press Mouse Button to Start

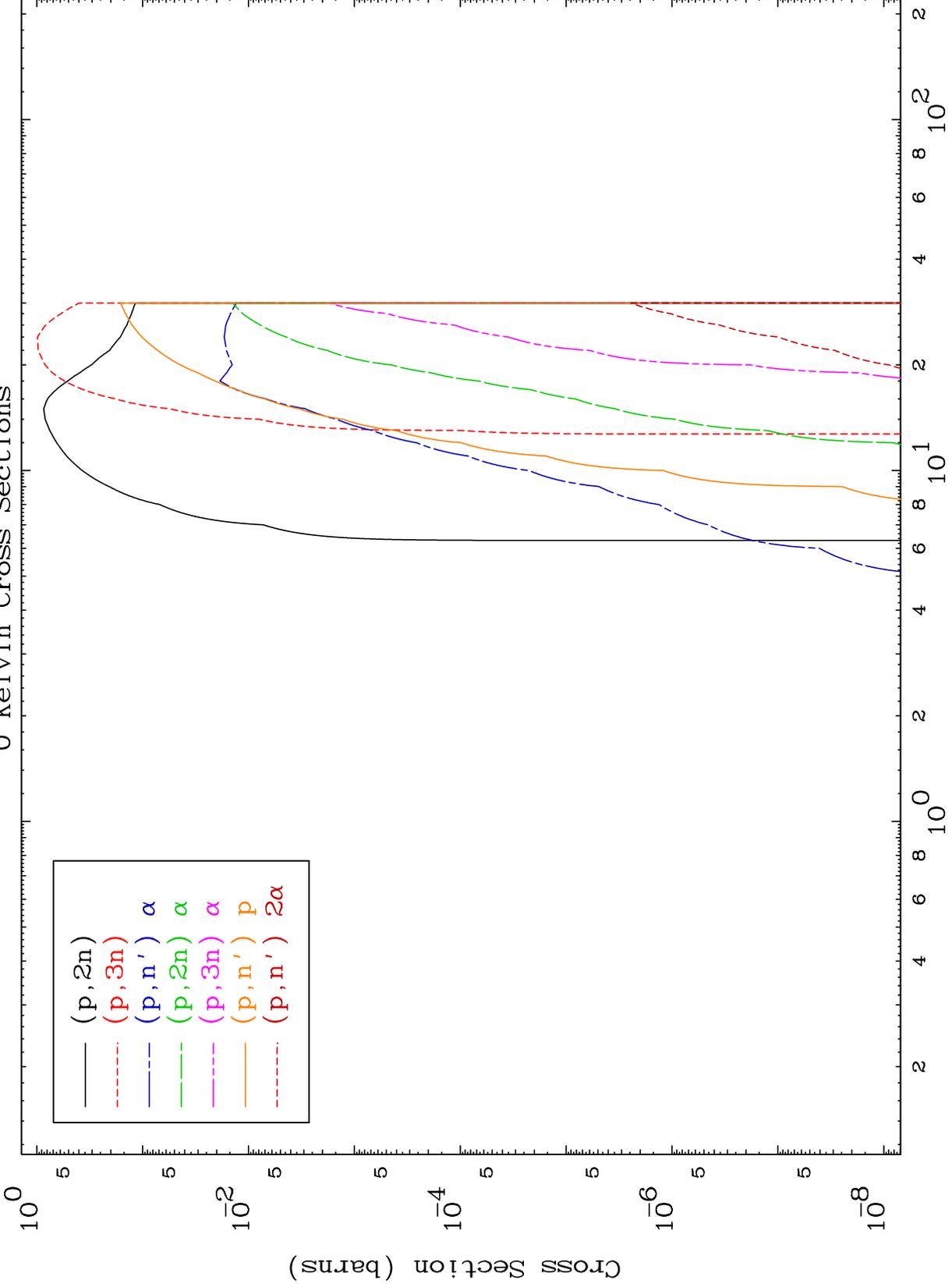
MAT 6153

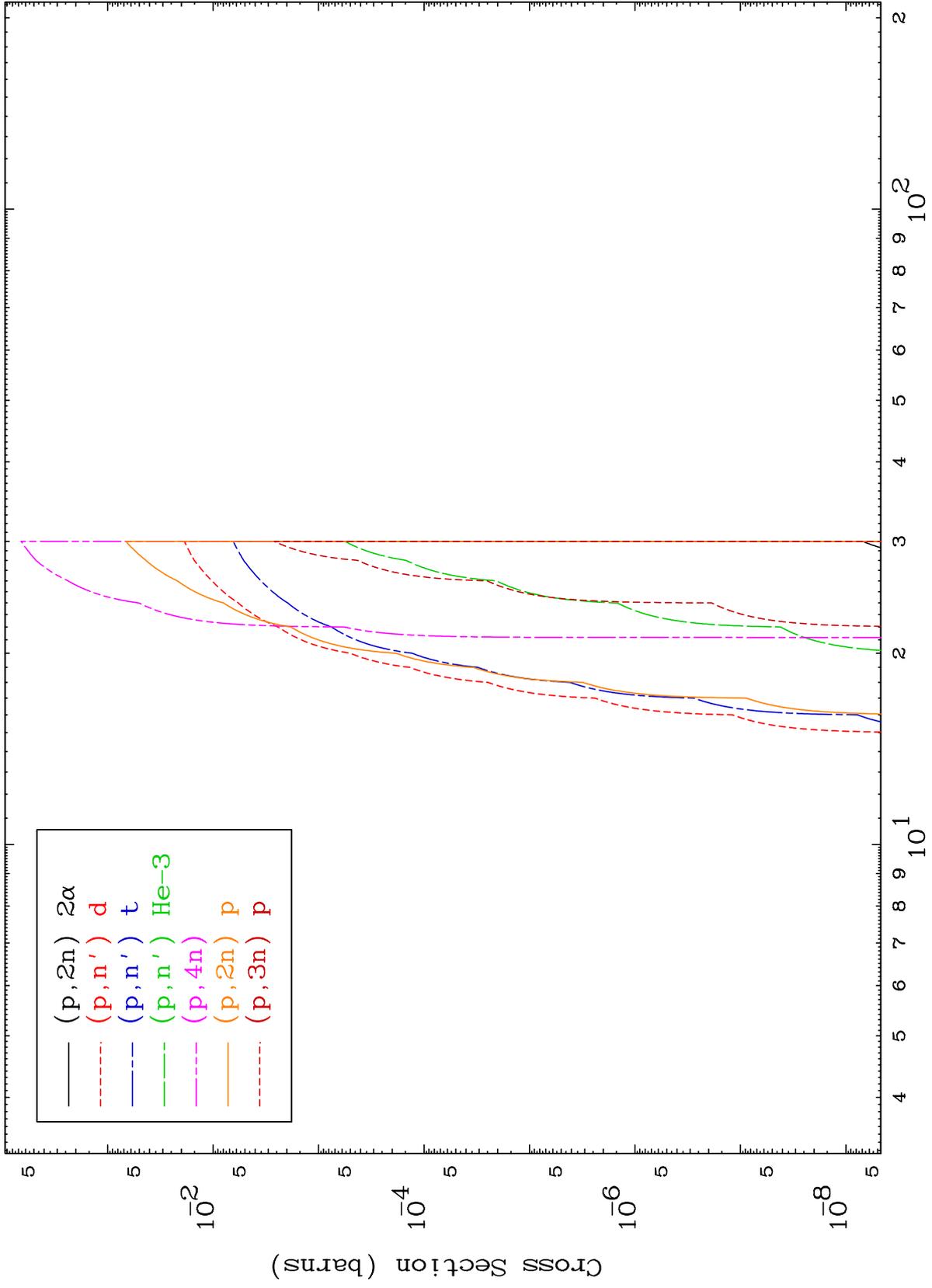
Proton Major

61-Pm-148

0 Kelvin Cross Sections



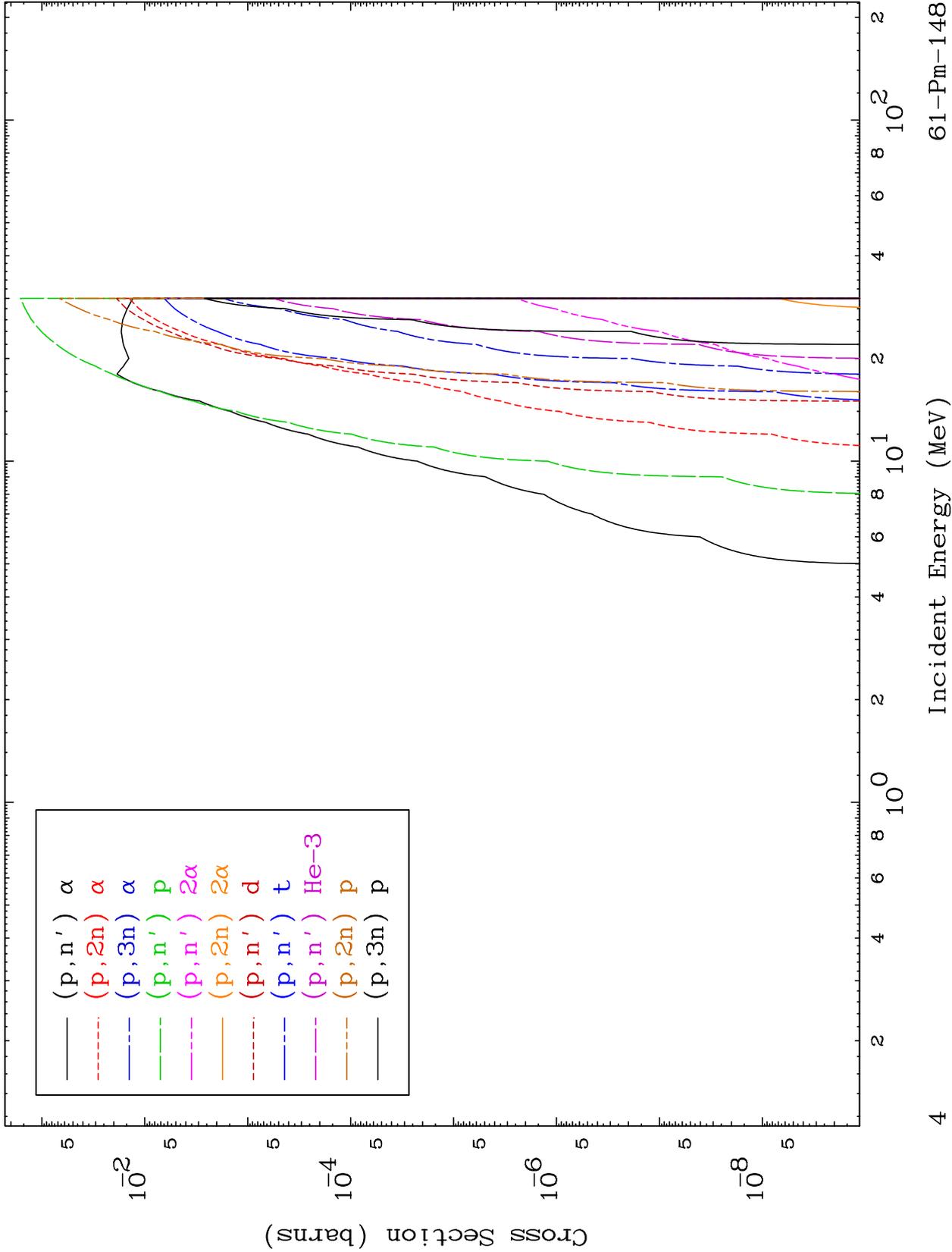


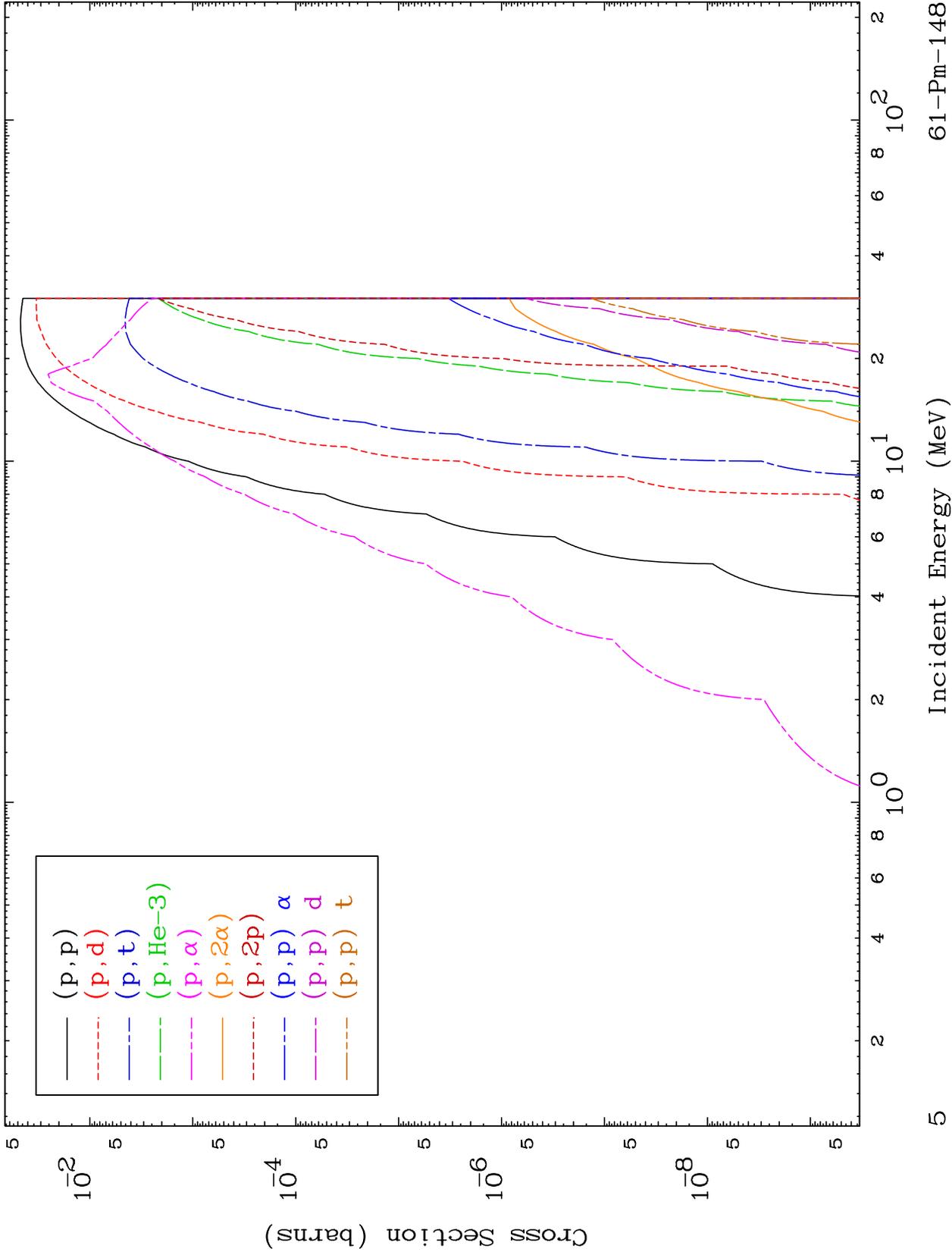


MAT 6153

Proton Charged Particle  
0 Kelvin Cross Sections

61-Pm-148



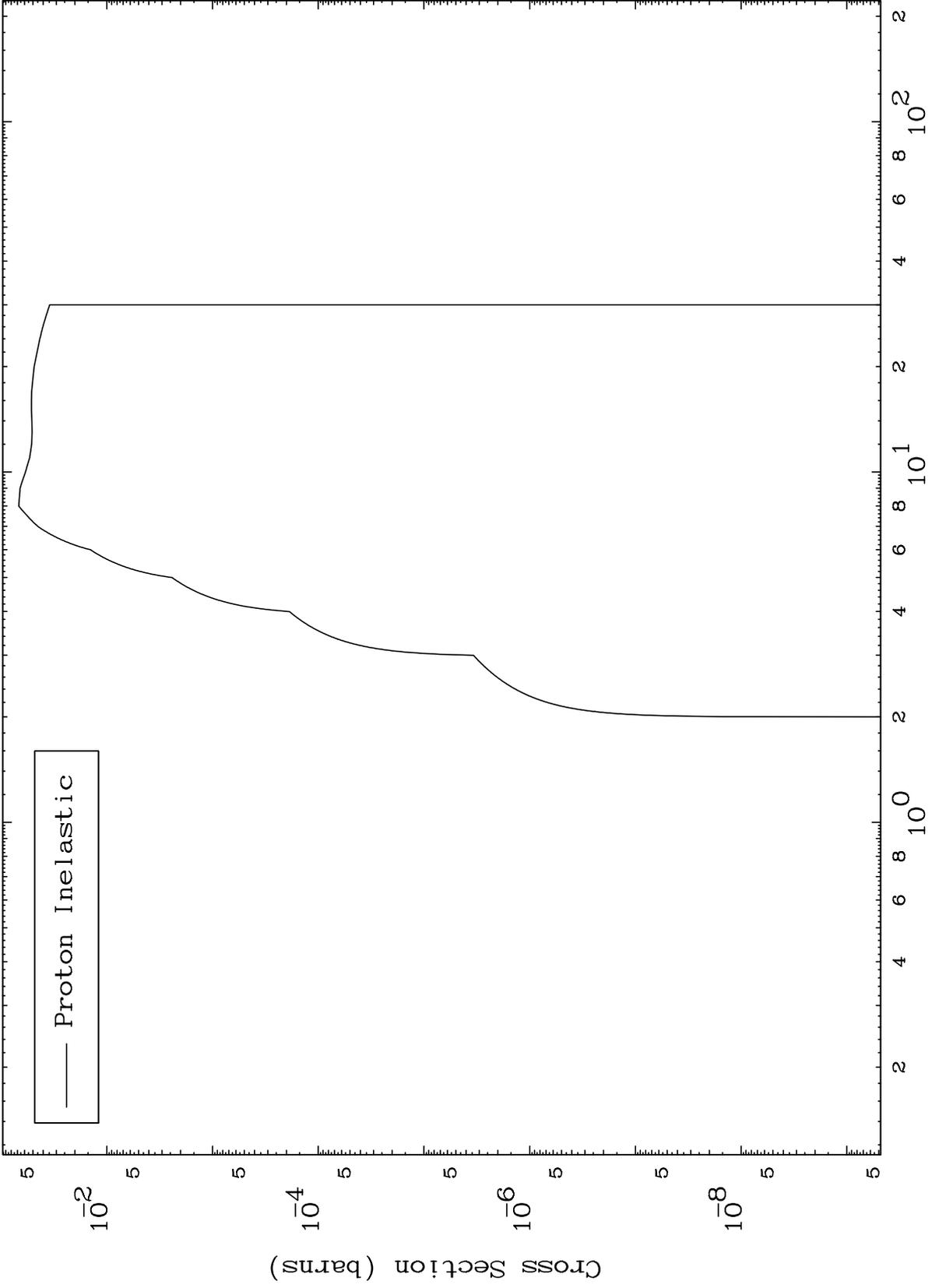


MAT 6153

(p,n') Level

61-Pm-148

0 Kelvin Cross Sections



6

Incident Energy (MeV)

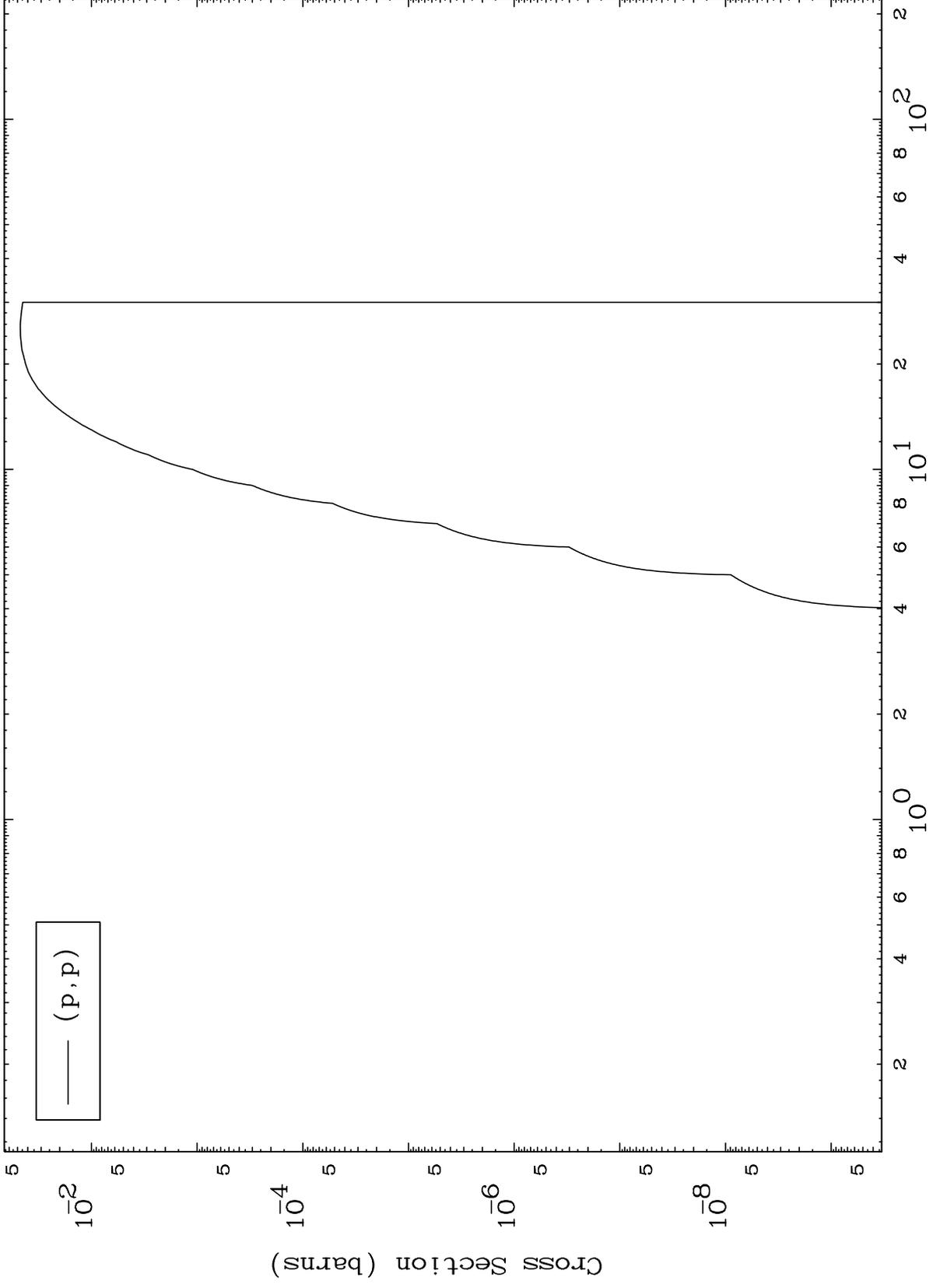
61-Pm-148

MAT 6153

(p,p) Levels

61-Pm-148

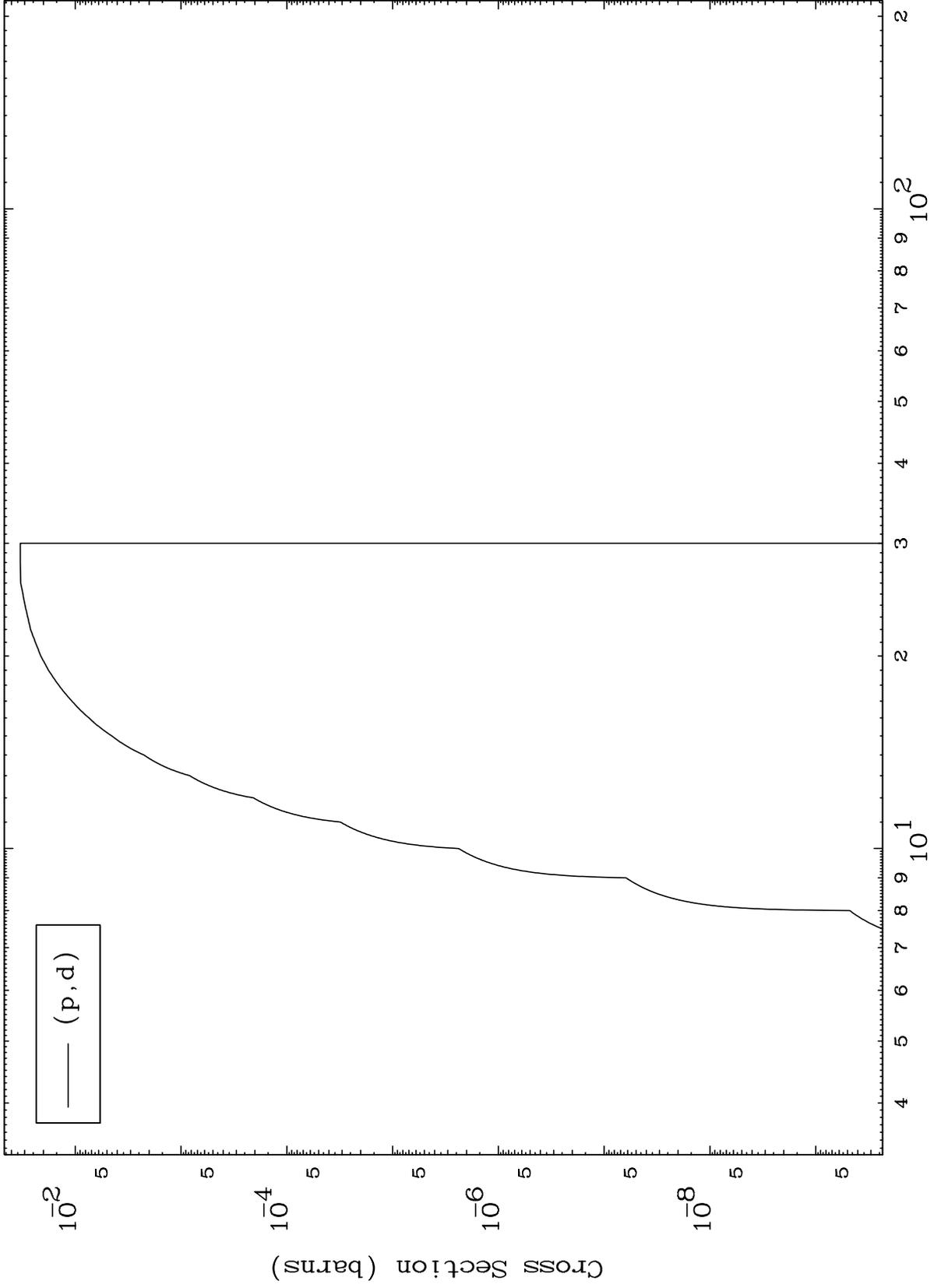
0 Kelvin Cross Sections



MAT 6153

(p,d) Levels  
0 Kelvin Cross Sections

61-Pm-148



8

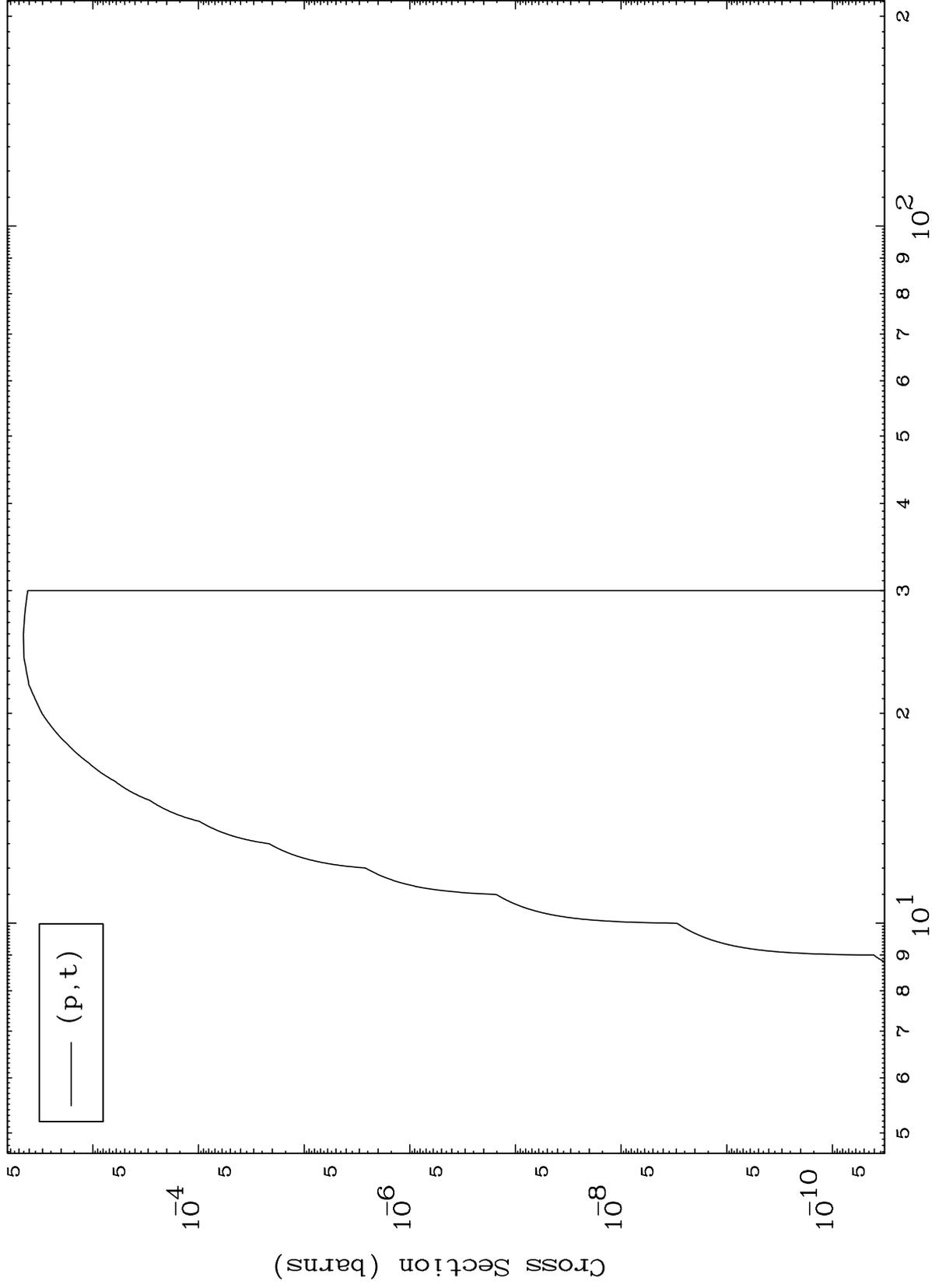
Incident Energy (MeV)

61-Pm-148

MAT 6153

(p,t) Levels  
0 Kelvin Cross Sections

61-Pm-148



9

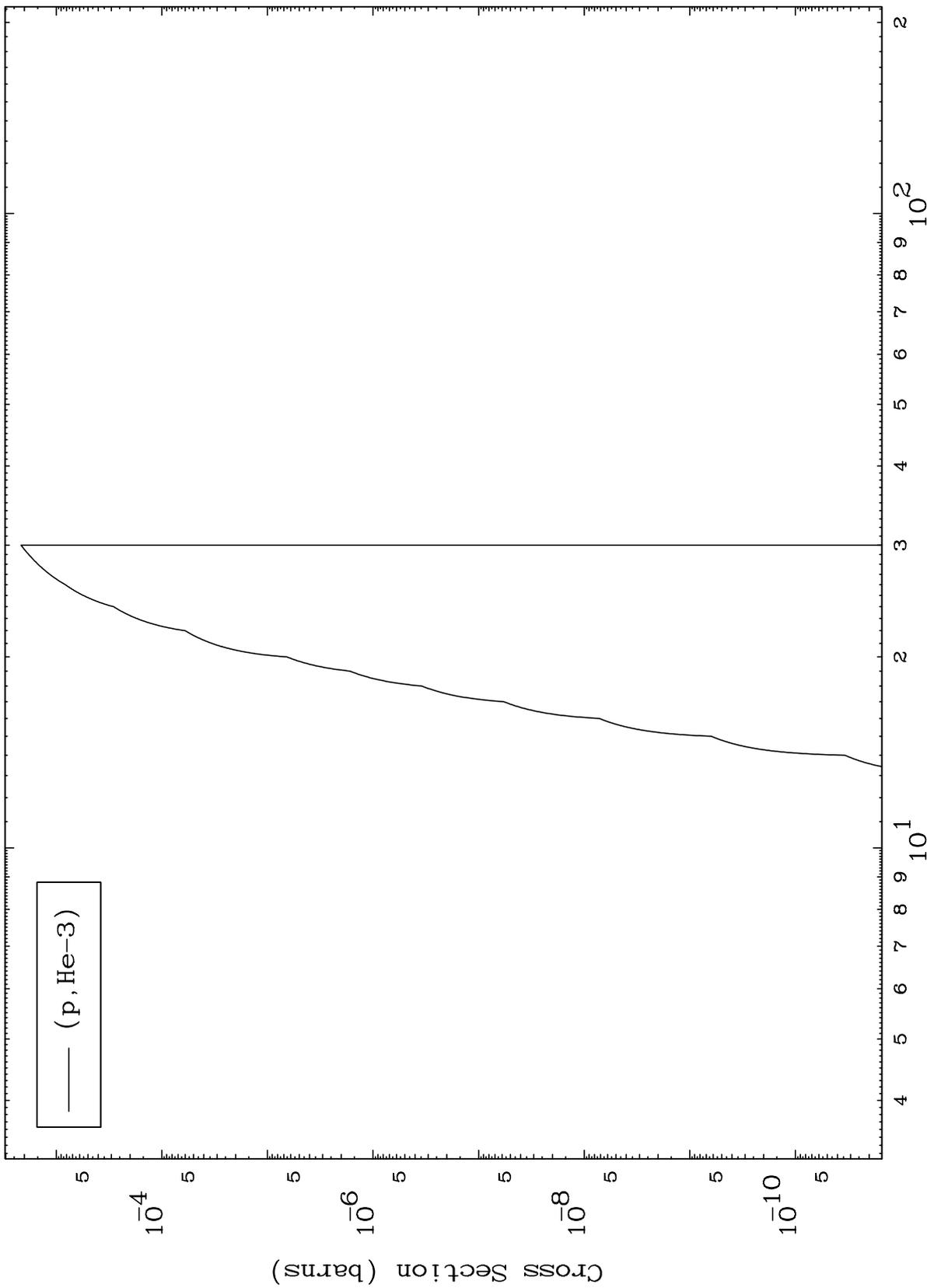
Incident Energy (MeV)

61-Pm-148

MAT 6153

61-Pm-148

(p,He3) Levels  
0 Kelvin Cross Sections



61-Pm-148

Incident Energy (MeV)

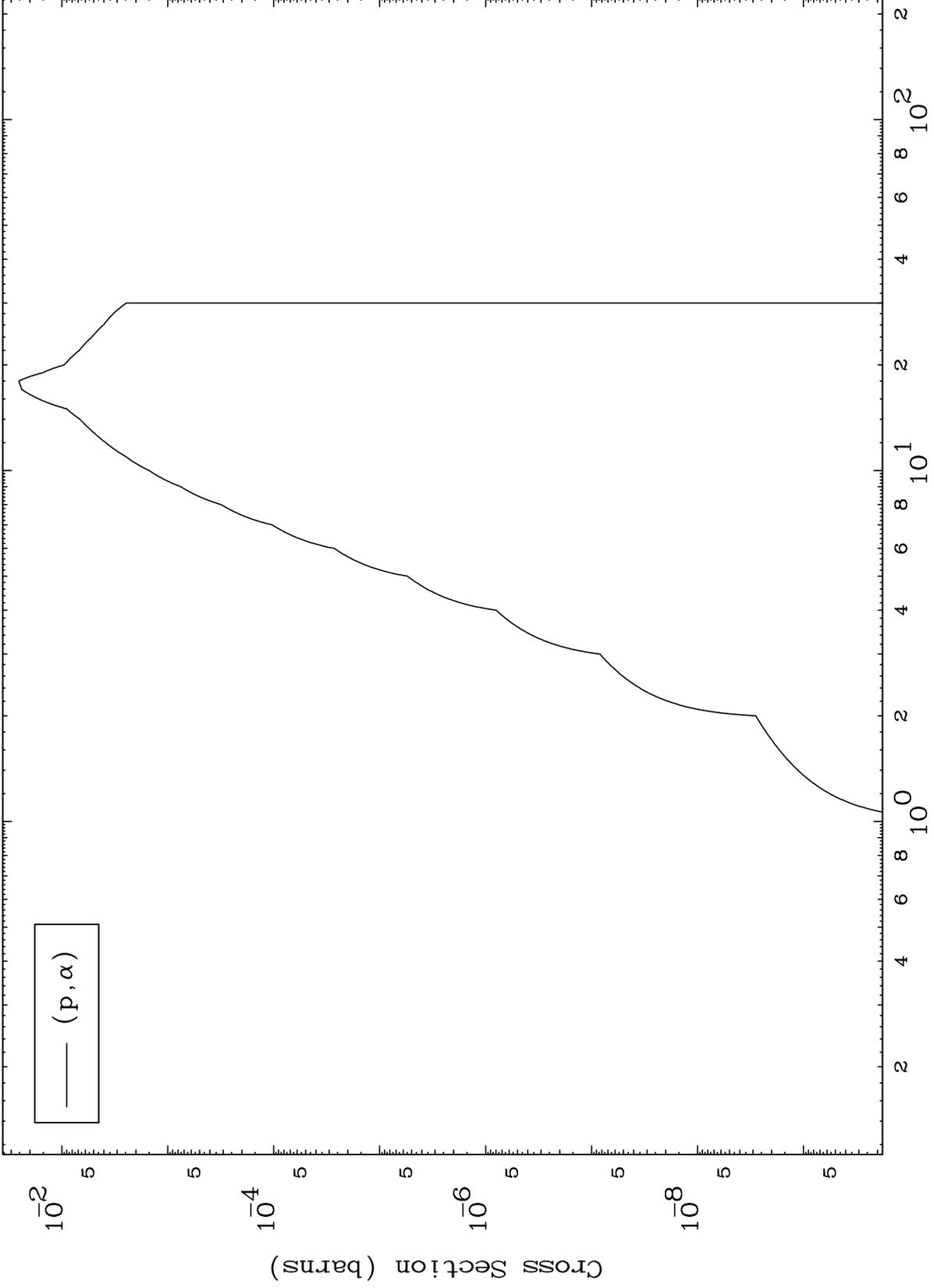
10

MAT 6153

(p,  $\alpha$ ) Levels

61-Pm-148

0 Kelvin Cross Sections

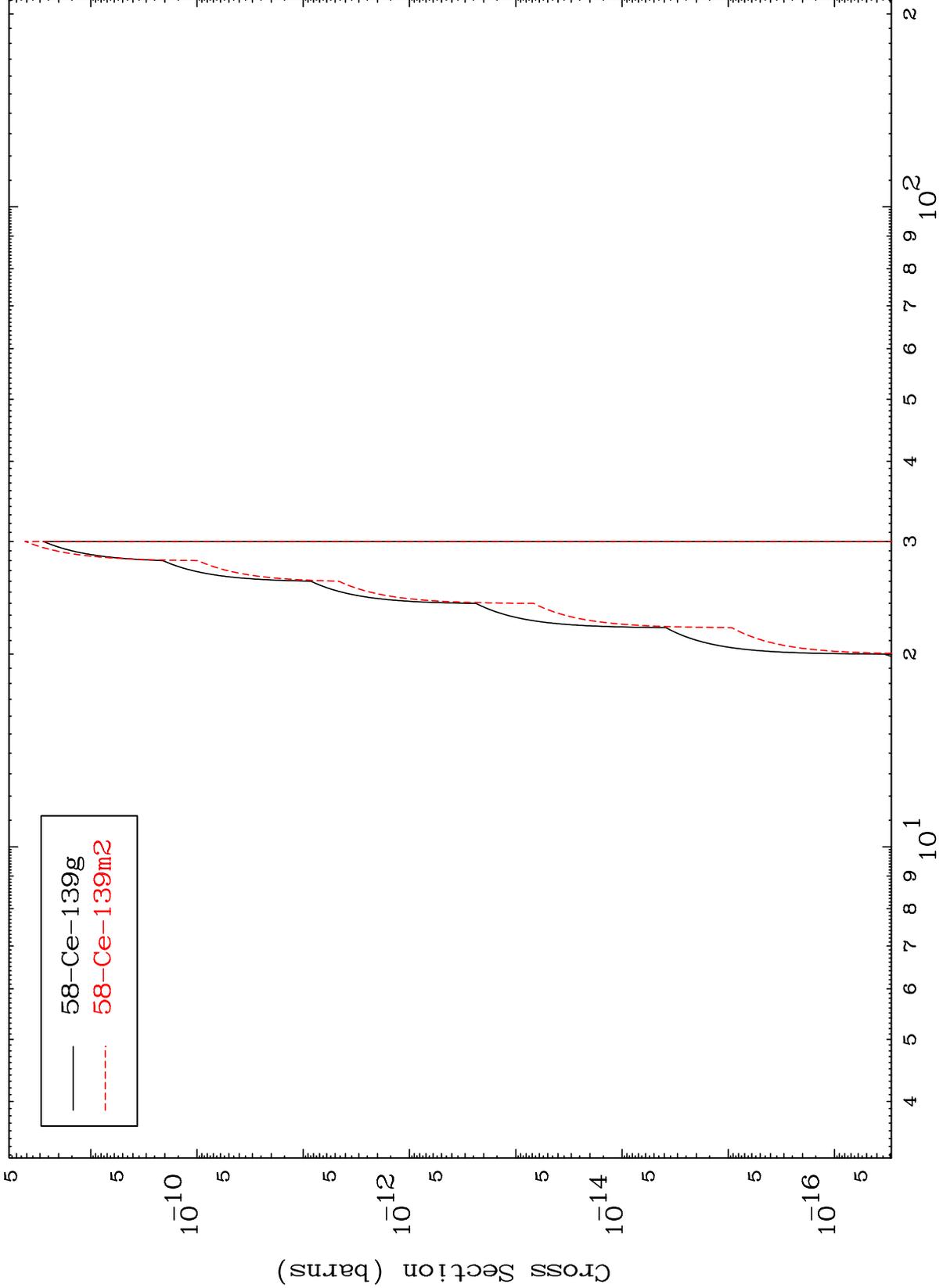


MAT 6153

(p,2n)  $2\alpha$

61-Pm-148

Radionuclide Production Cross Section



12

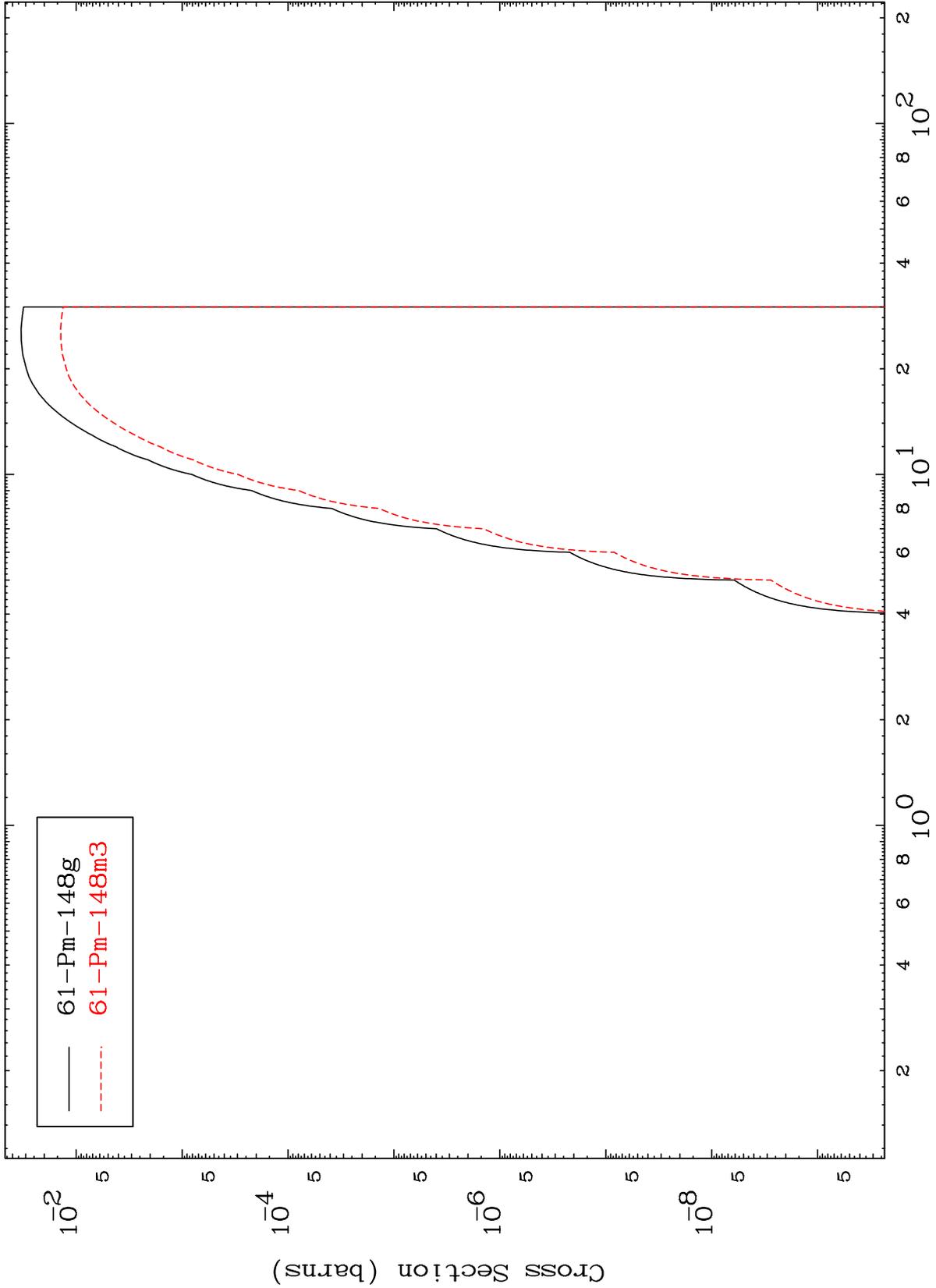
Incident Energy (MeV)

61-Pm-148

MAT 6153

61-Pm-148

(p,p)  
Radionuclide Production Cross Section



61-Pm-148

Incident Energy (MeV)

13

MAT 6153

(p,p)  $\alpha$

61-Pm-148

Radionuclide Production Cross Section

