

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

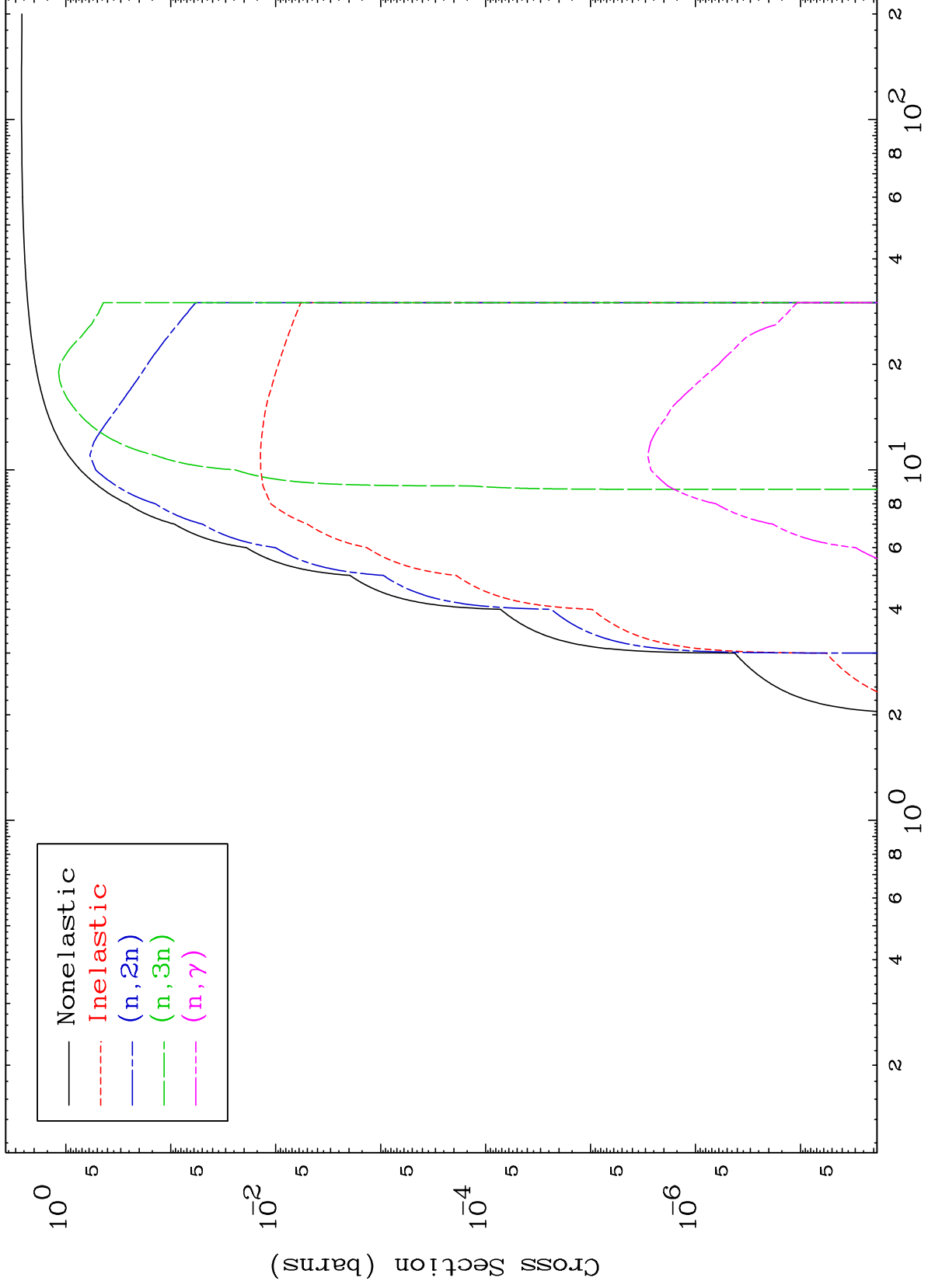
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

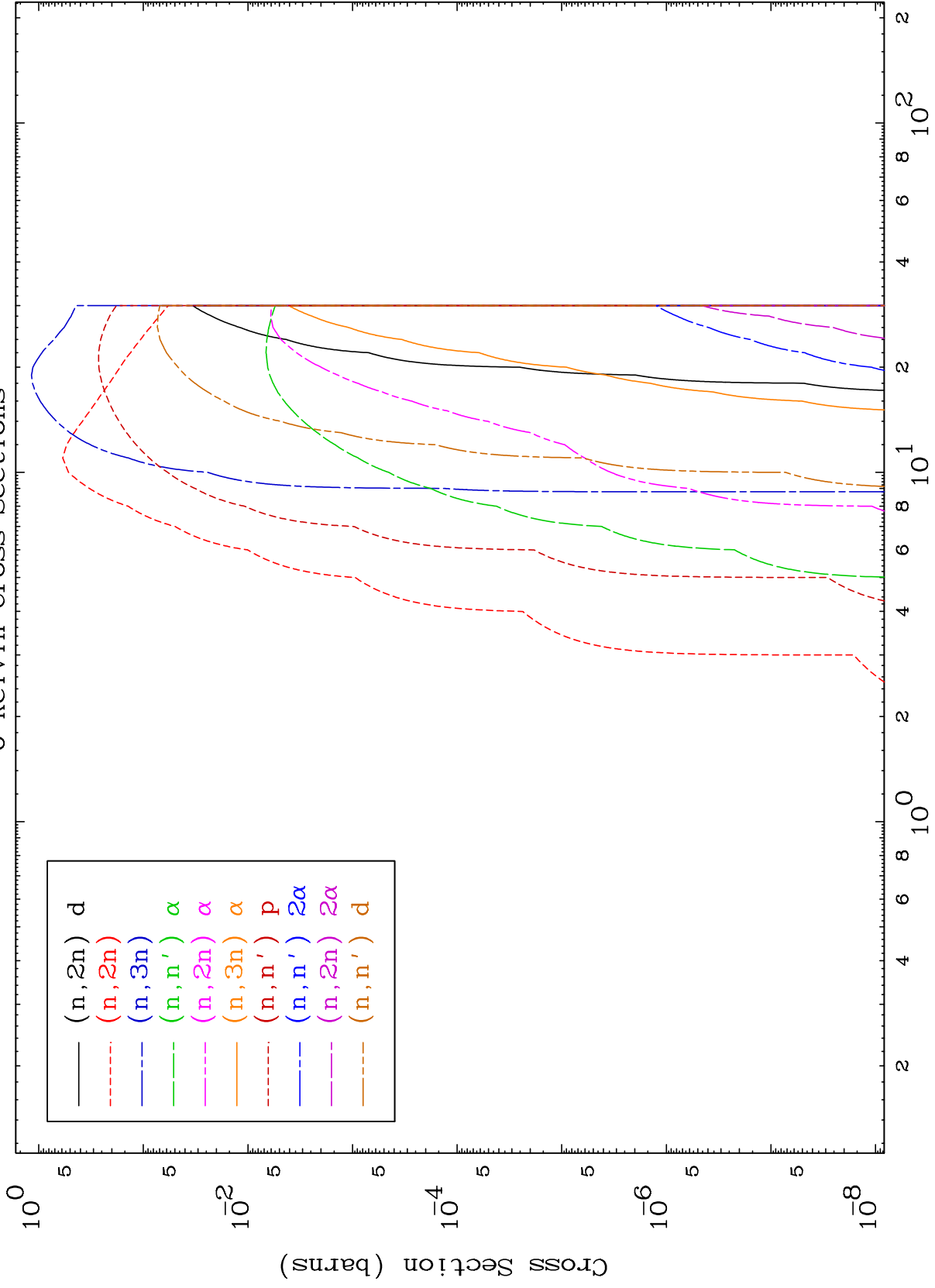
Tele: 925-443-1911

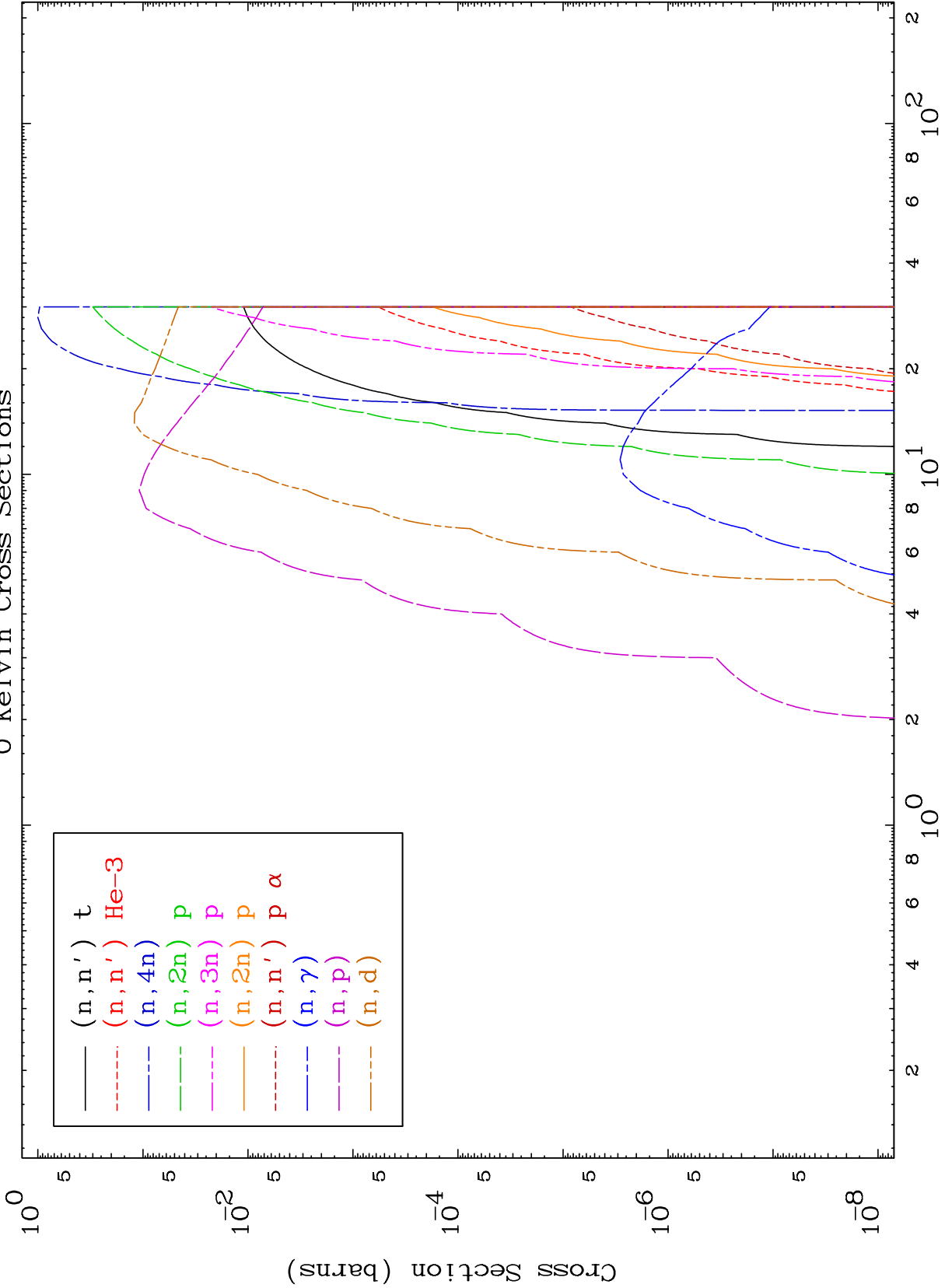
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

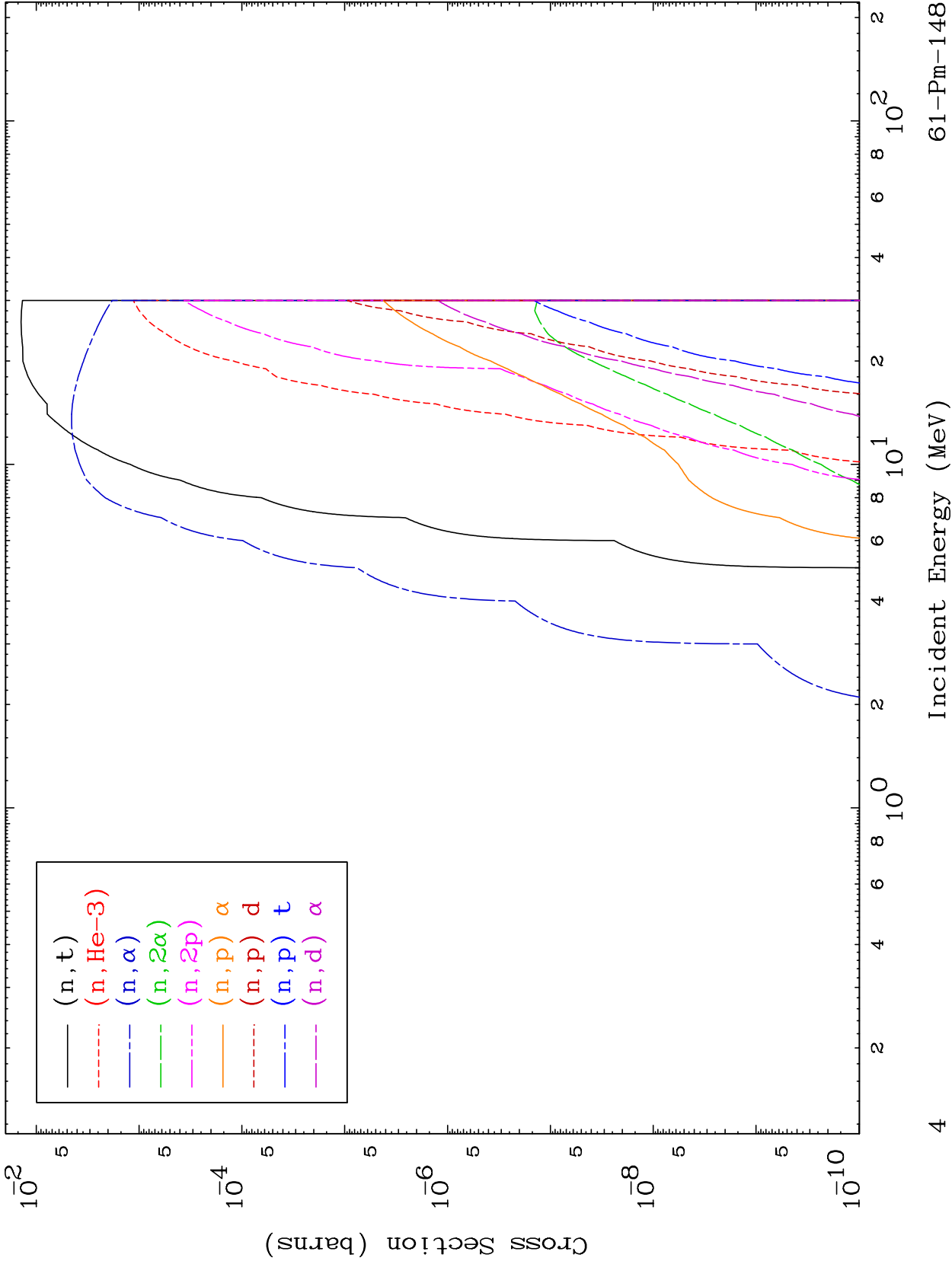
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

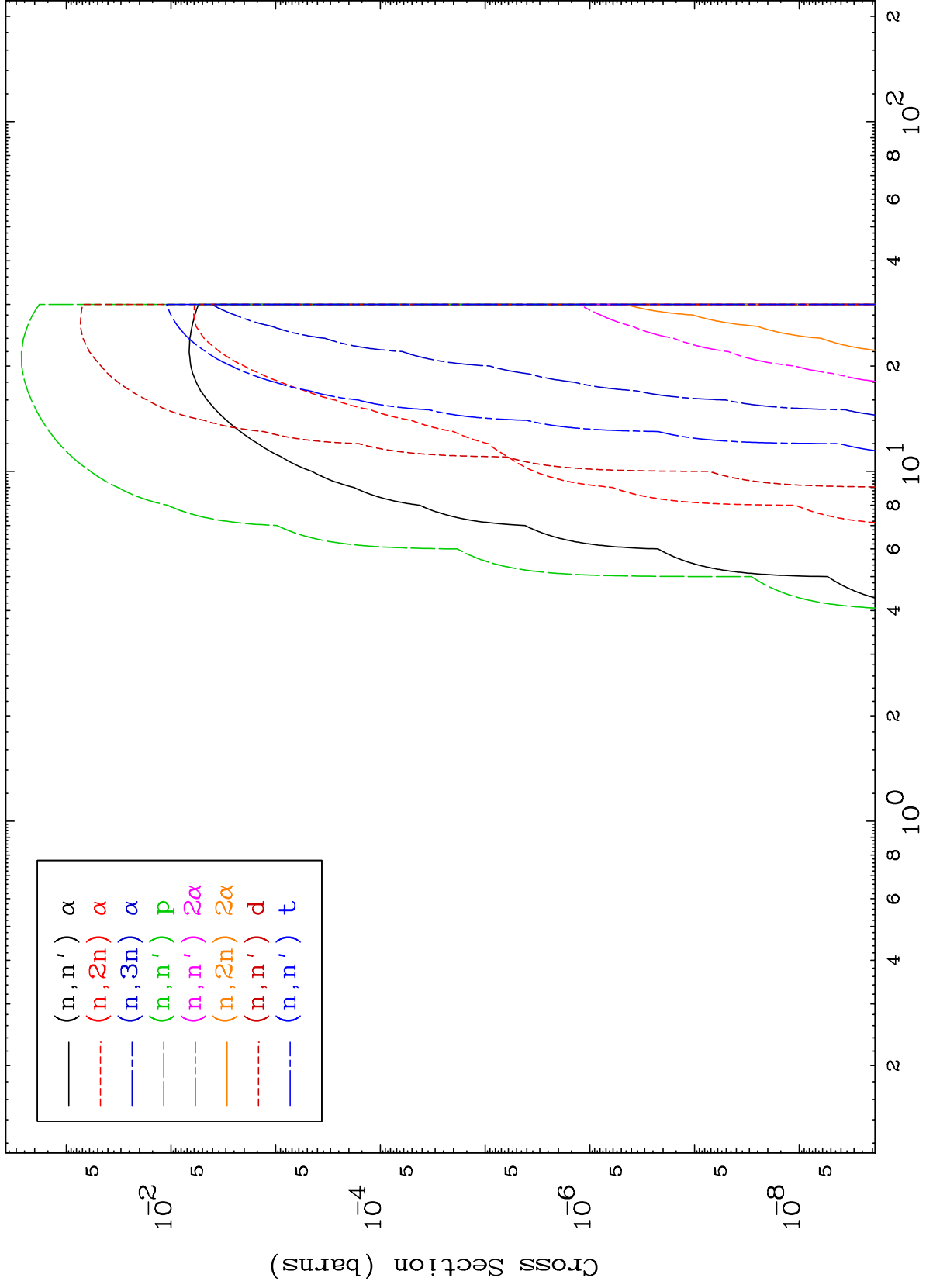
Press Mouse Button to Start

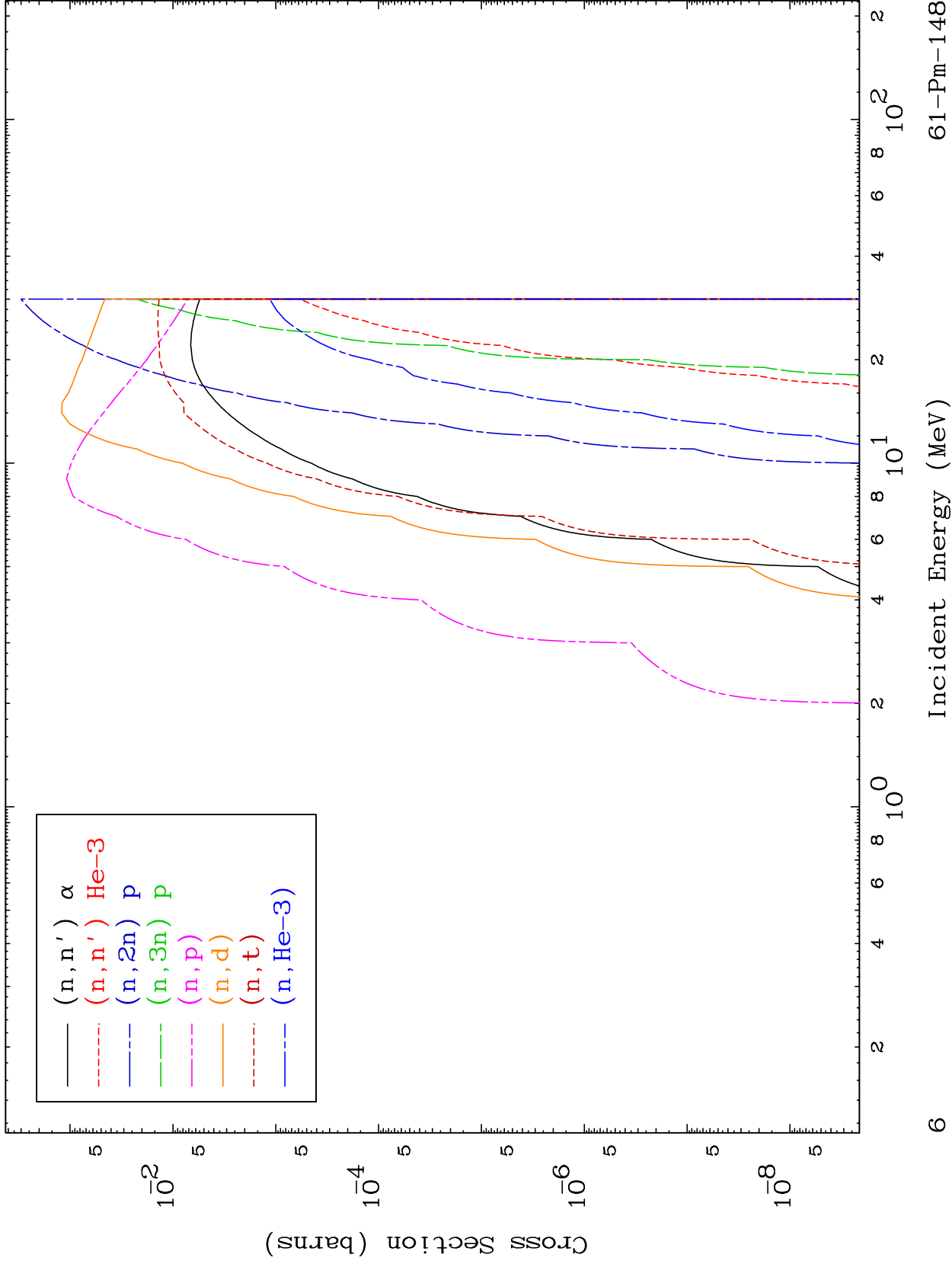


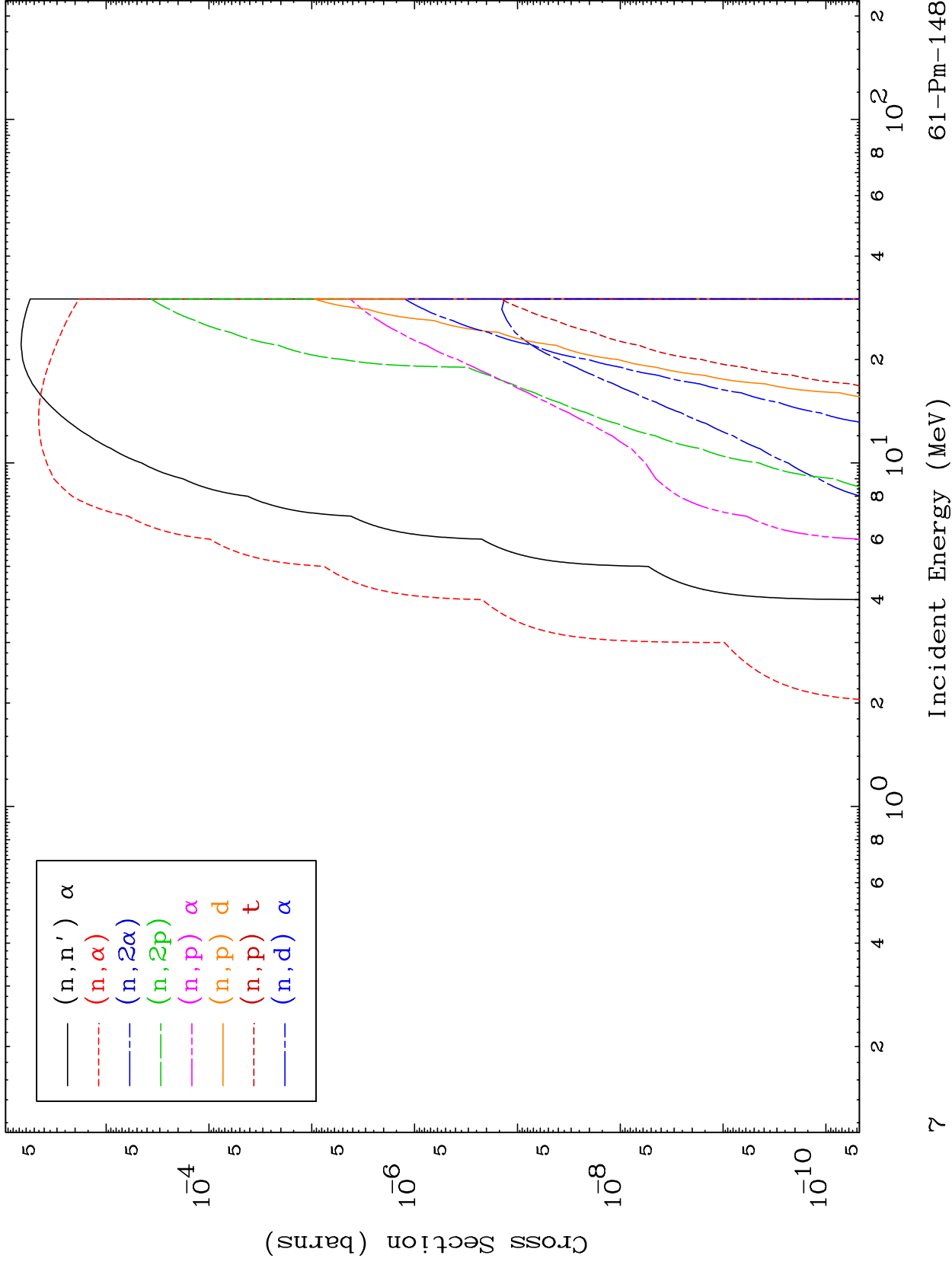












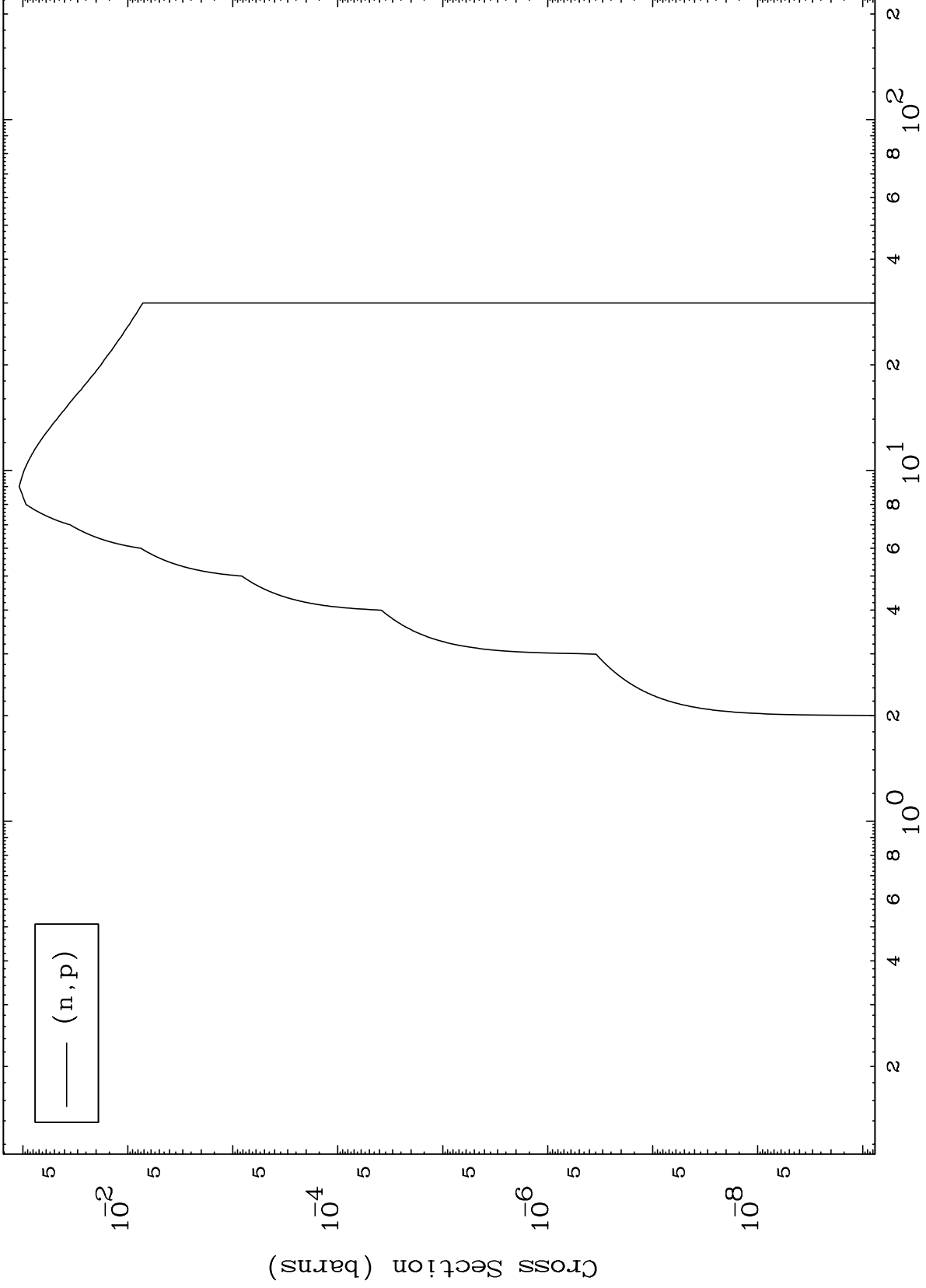


MAT 6152

(d,p) Levels

61-Pm-148

0 Kelvin Cross Sections



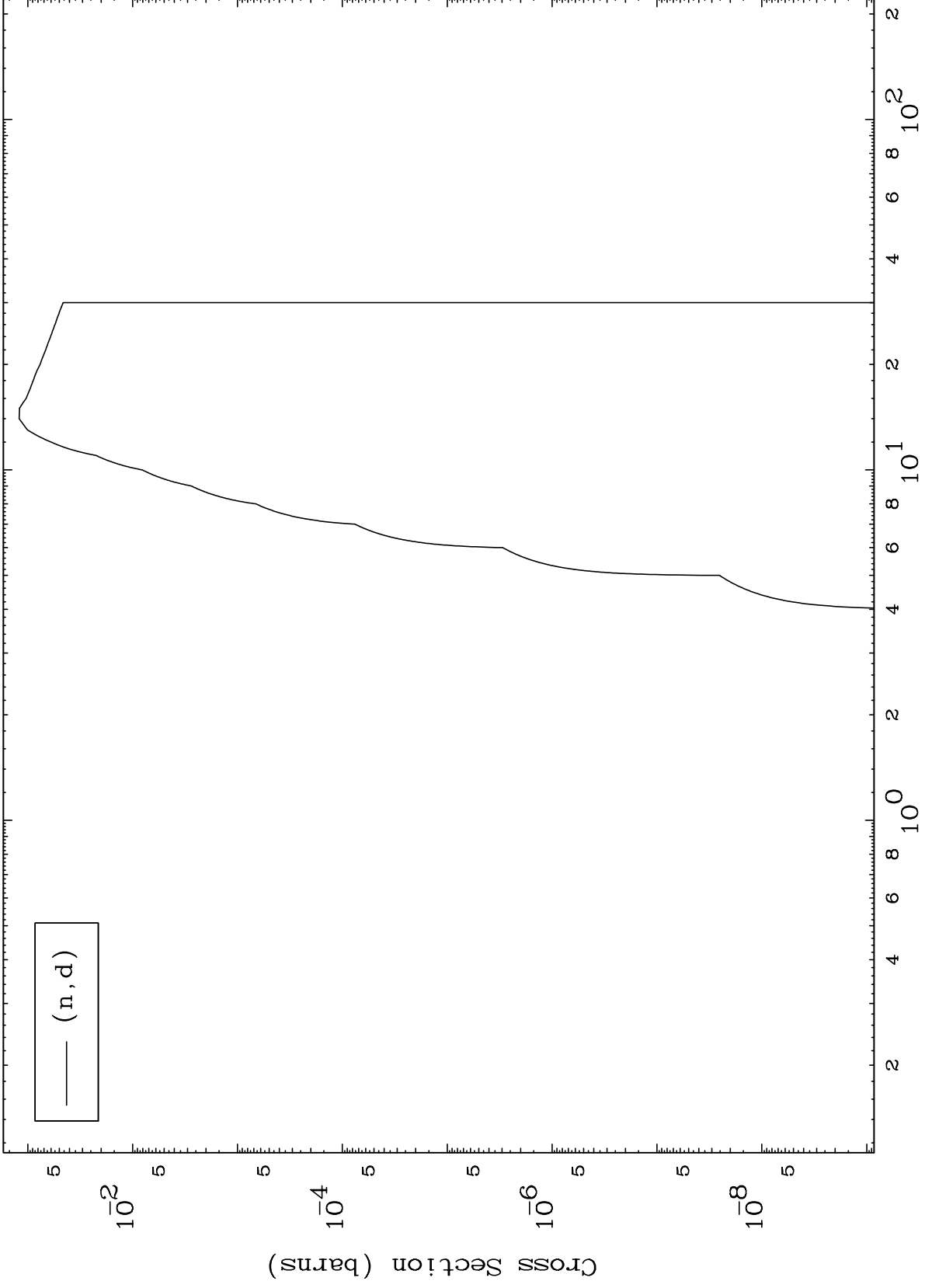
(n,p)

MAT 6152

(d,d) Levels

61-Pm-148

0 Kelvin Cross Sections

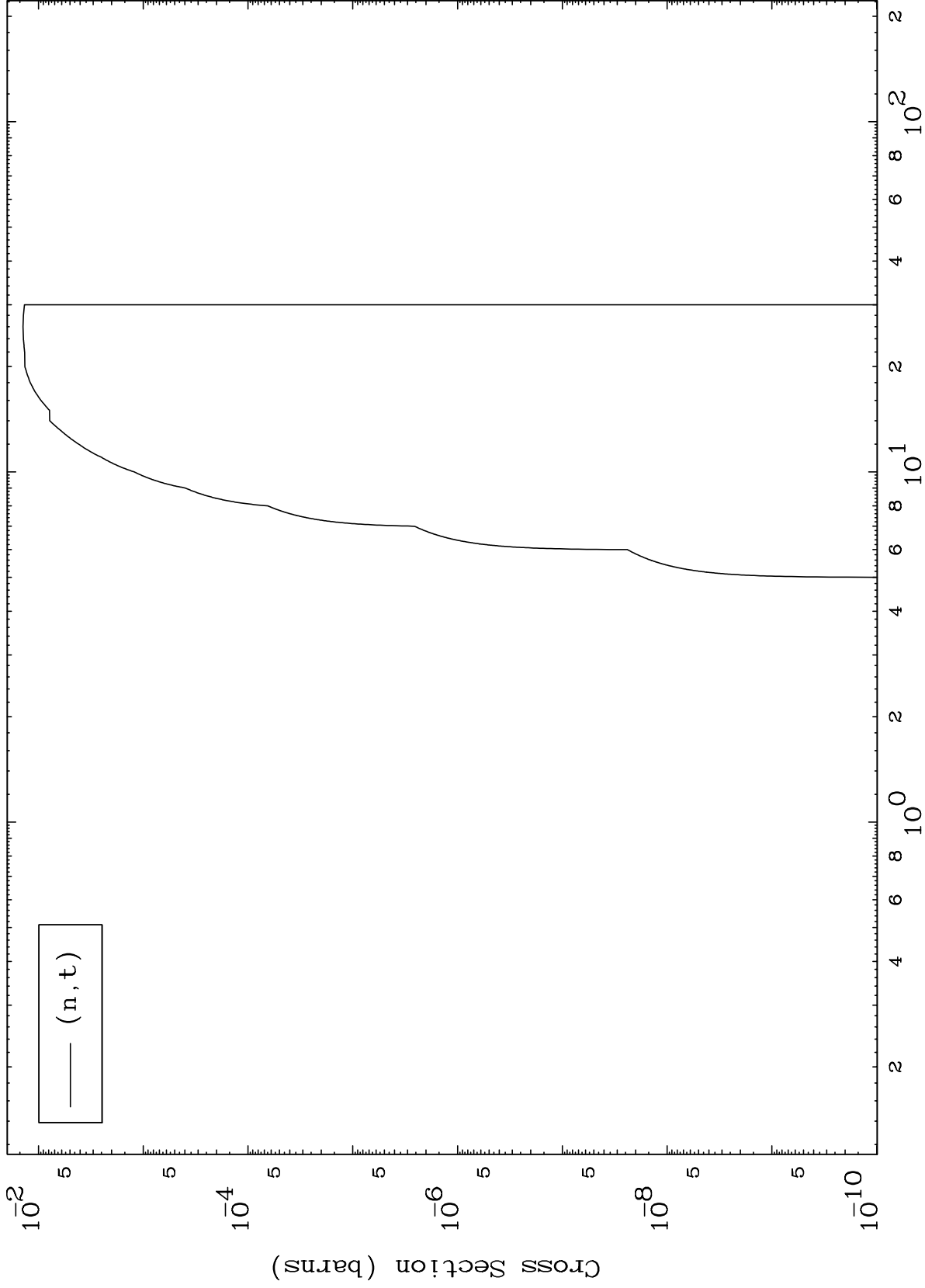


MAT 6152

(d, t) Levels

61-Pm-148

0 Kelvin Cross Sections



10

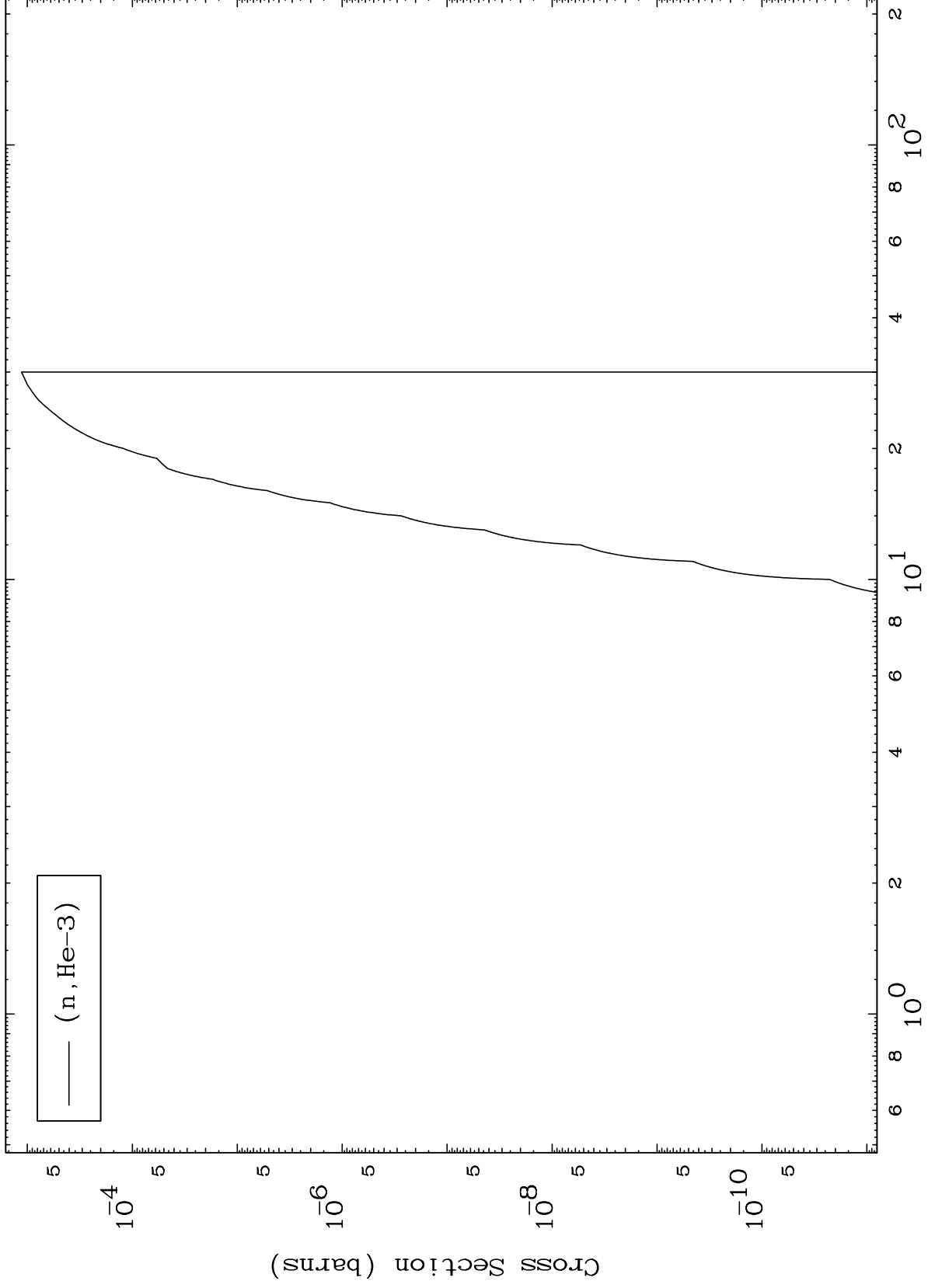
Incident Energy (MeV)

61-Pm-148

MAT 6152

(d,He3) Levels  
0 Kelvin Cross Sections

61-Pm-148

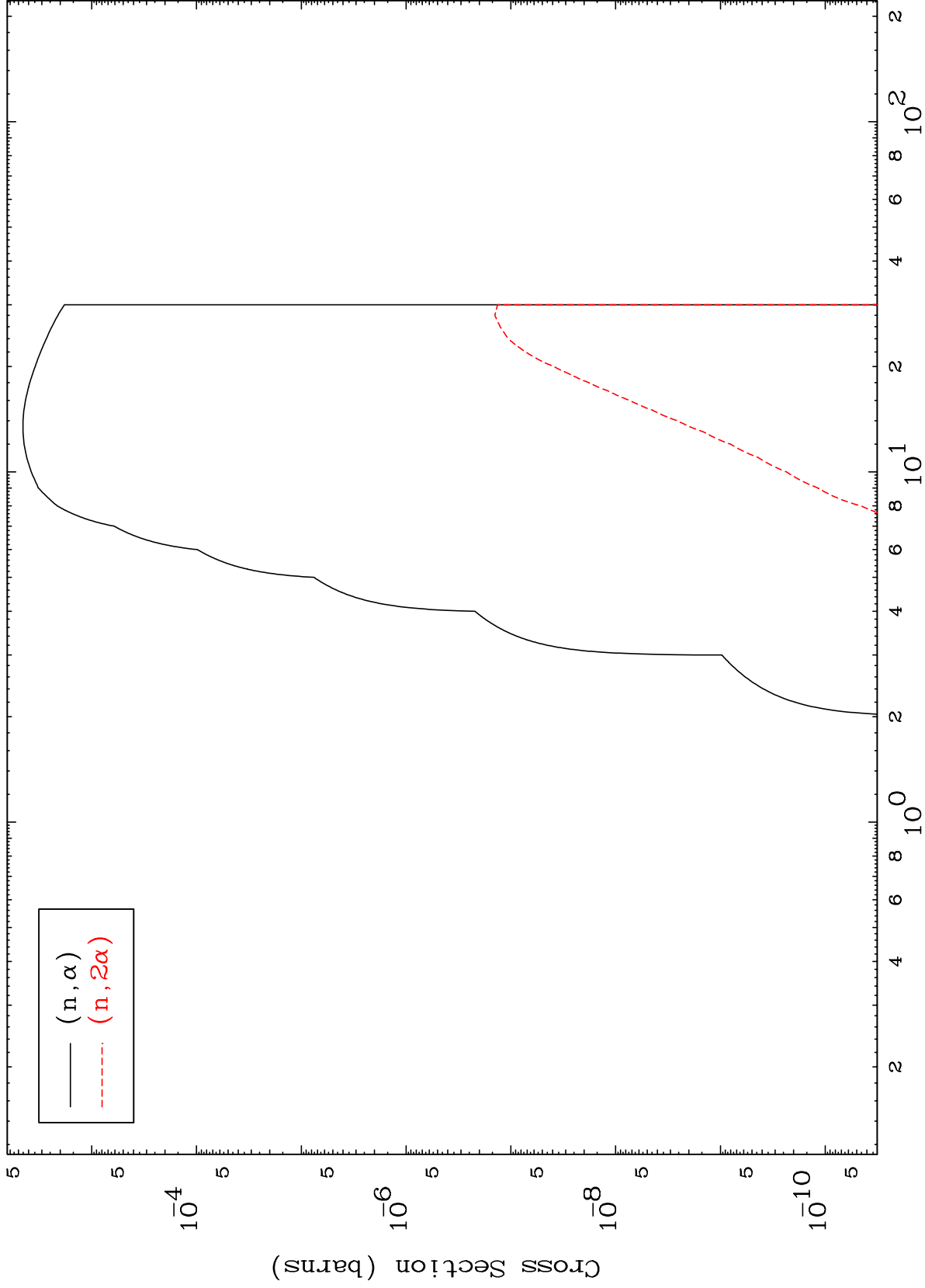


MAT 6152

(d,  $\alpha$ ) Levels

61-Pm-148

0 Kelvin Cross Sections



12

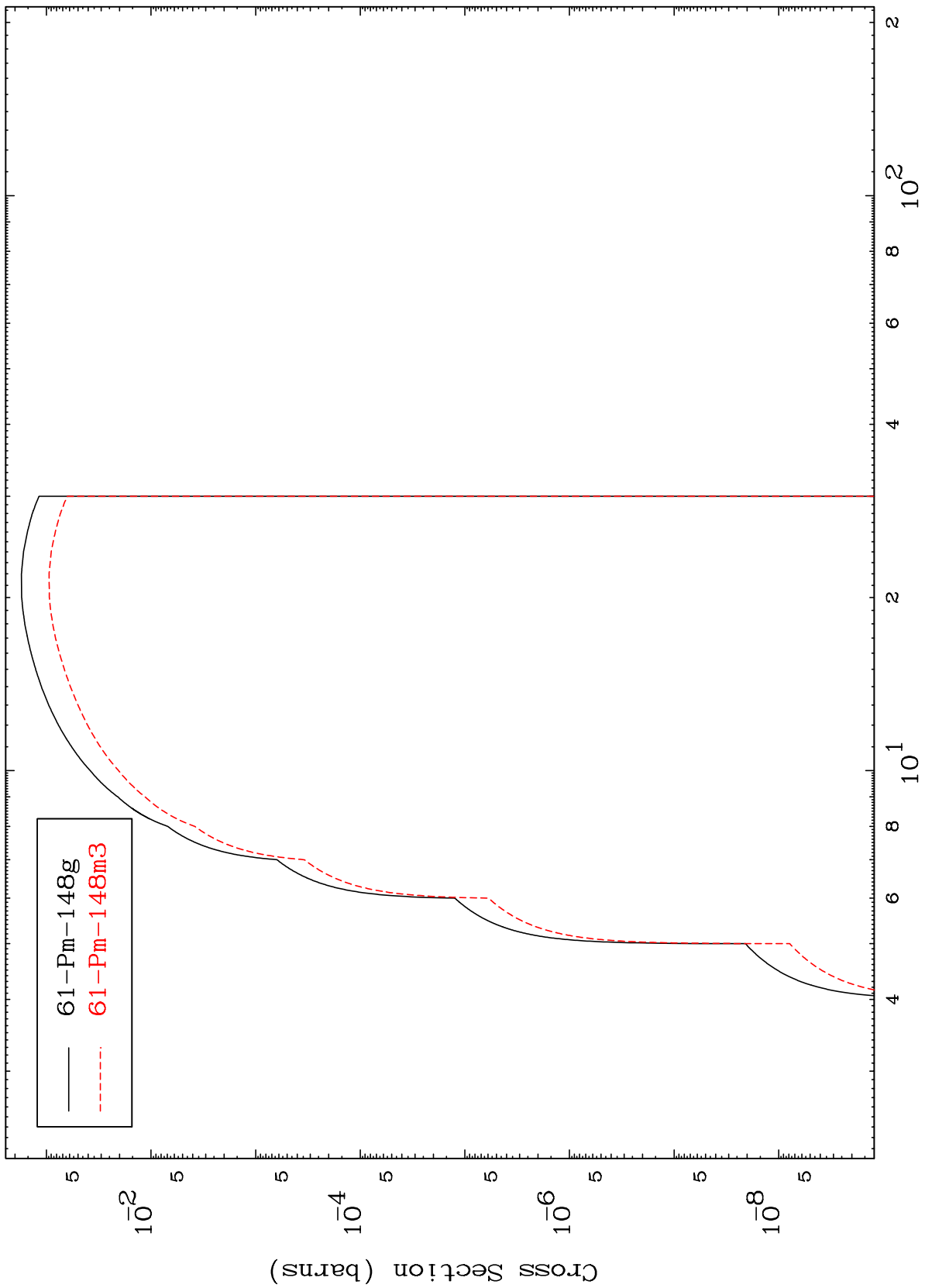
Incident Energy (MeV)

61-Pm-148

MAT 6152

61-Pm-148

(n,n') p  
Radionuclide Production Cross Section



13

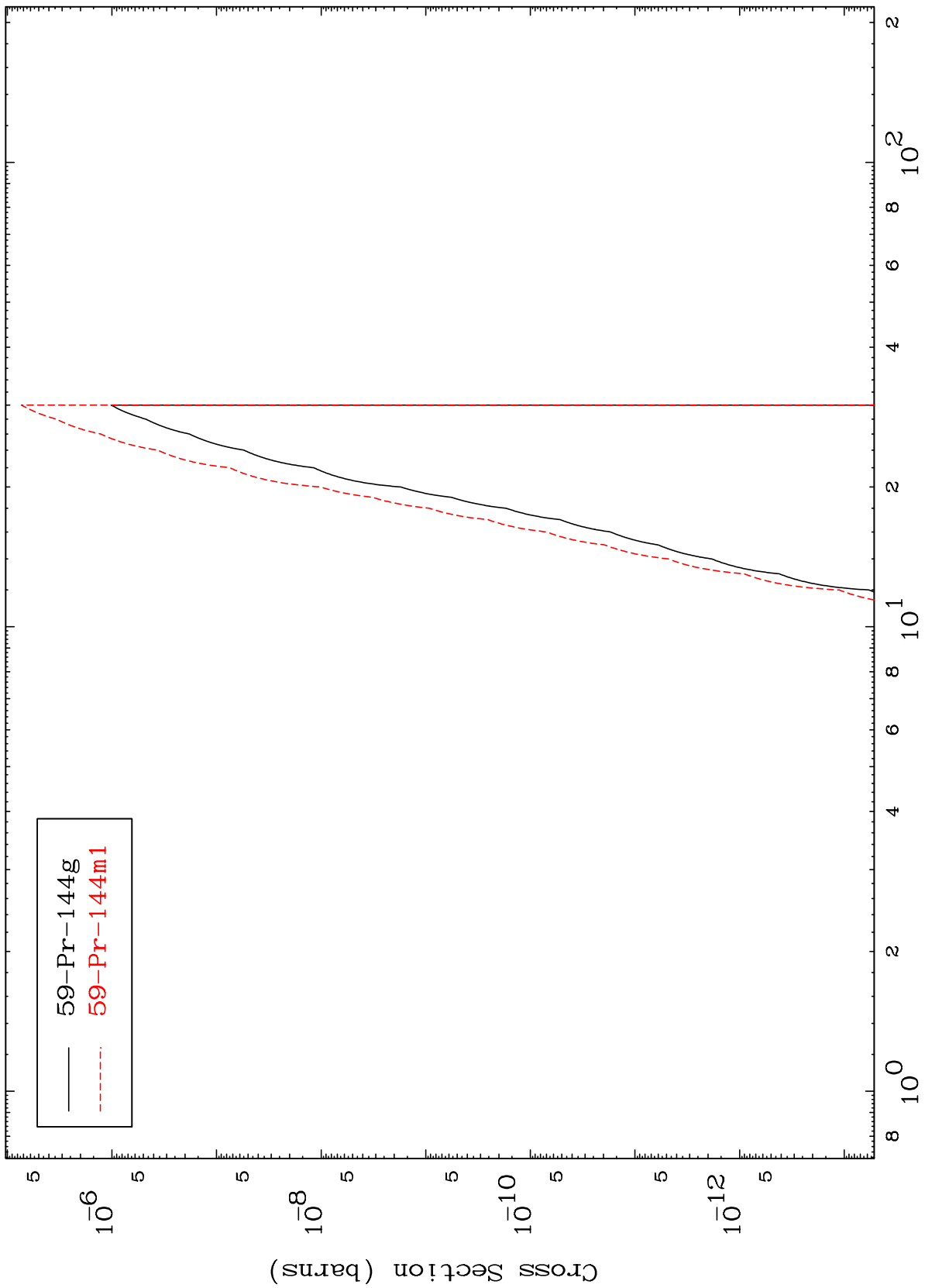
61-Pm-148

MAT 6152

(n,n') p  $\alpha$

61-Pm-148

Radionuclide Production Cross Section



59-Pr-144g  
59-Pr-144m1

14

Incident Energy (MeV)

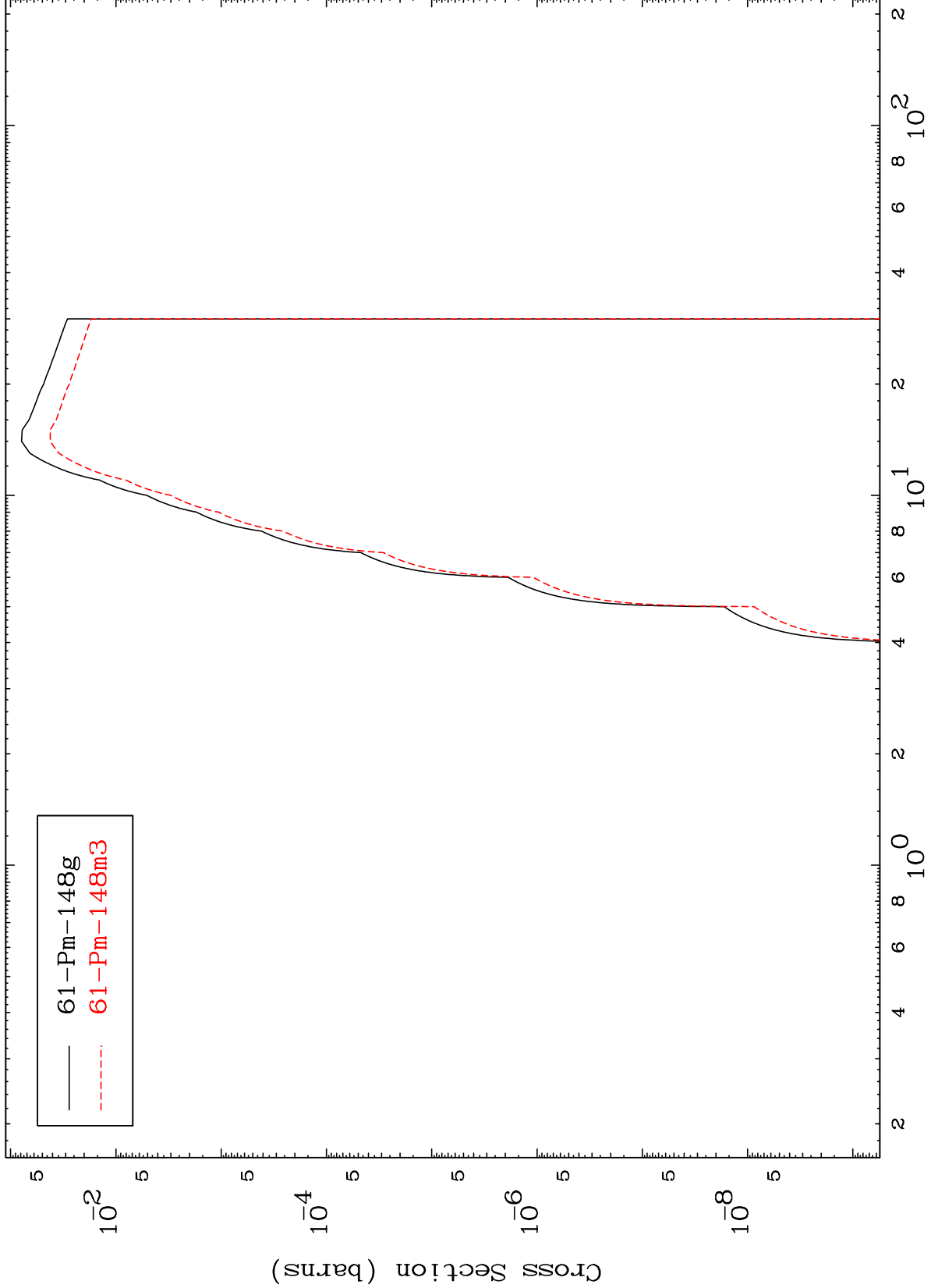
61-Pm-148

MAT 6152

(n,d)

61-Pm-148

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

61-Pm-148

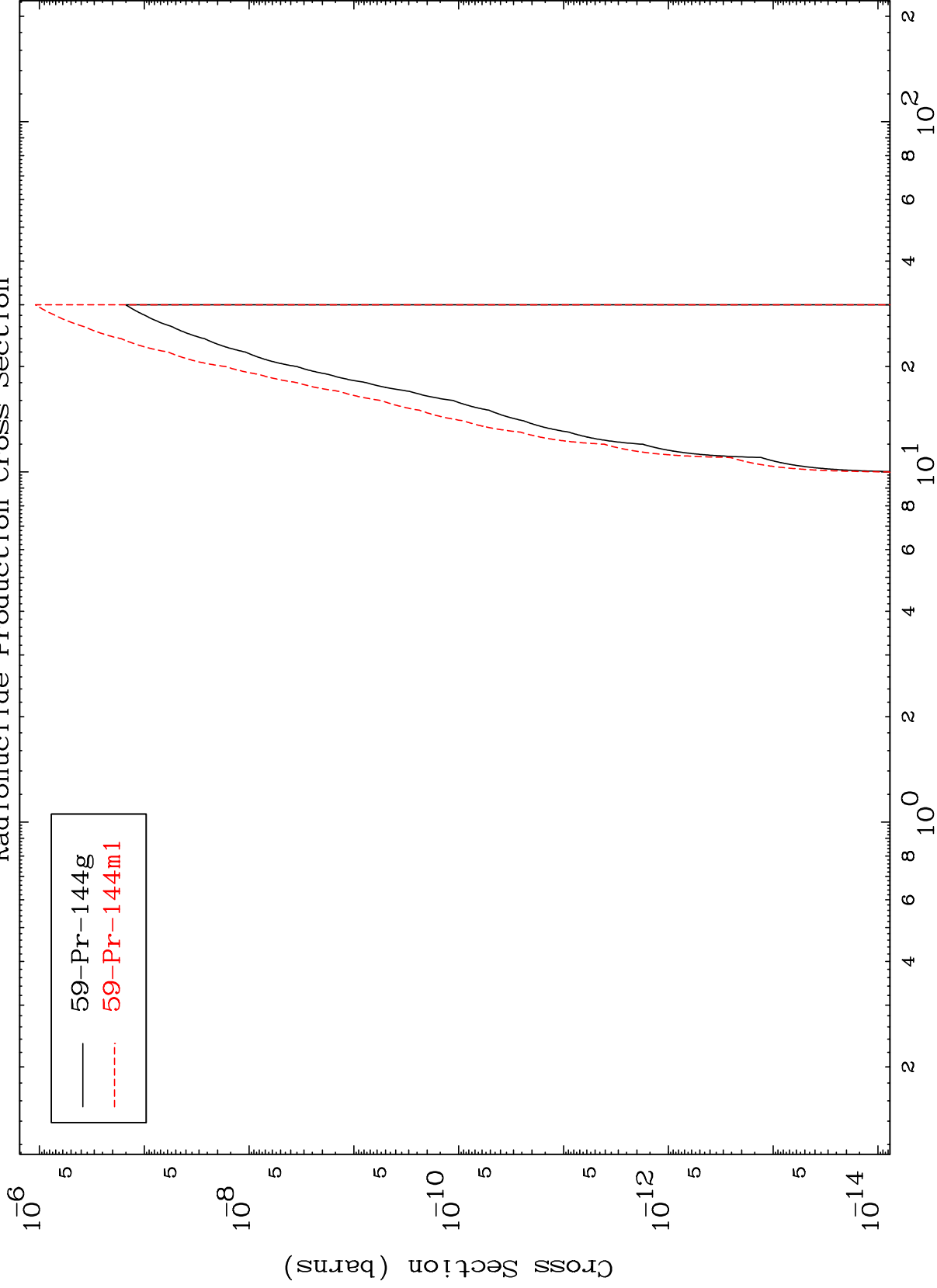


MAT 6152

(n,d)  $\alpha$

61-Pm-148

Radionuclide Production Cross Section



16

Incident Energy (MeV)

61-Pm-148