

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

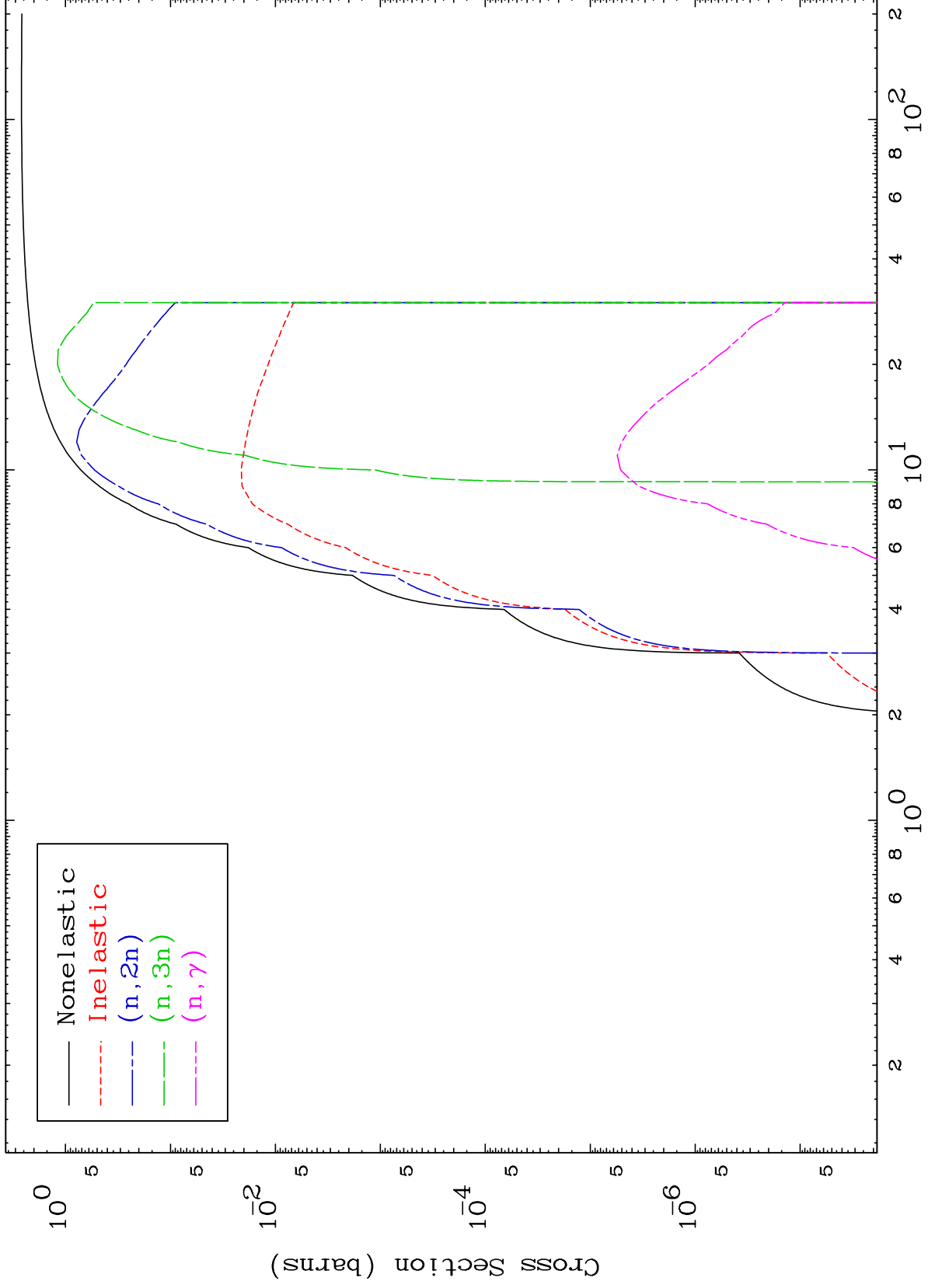
Dermott E. Cullen  
1466 Hudson Way  
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U.S.A.

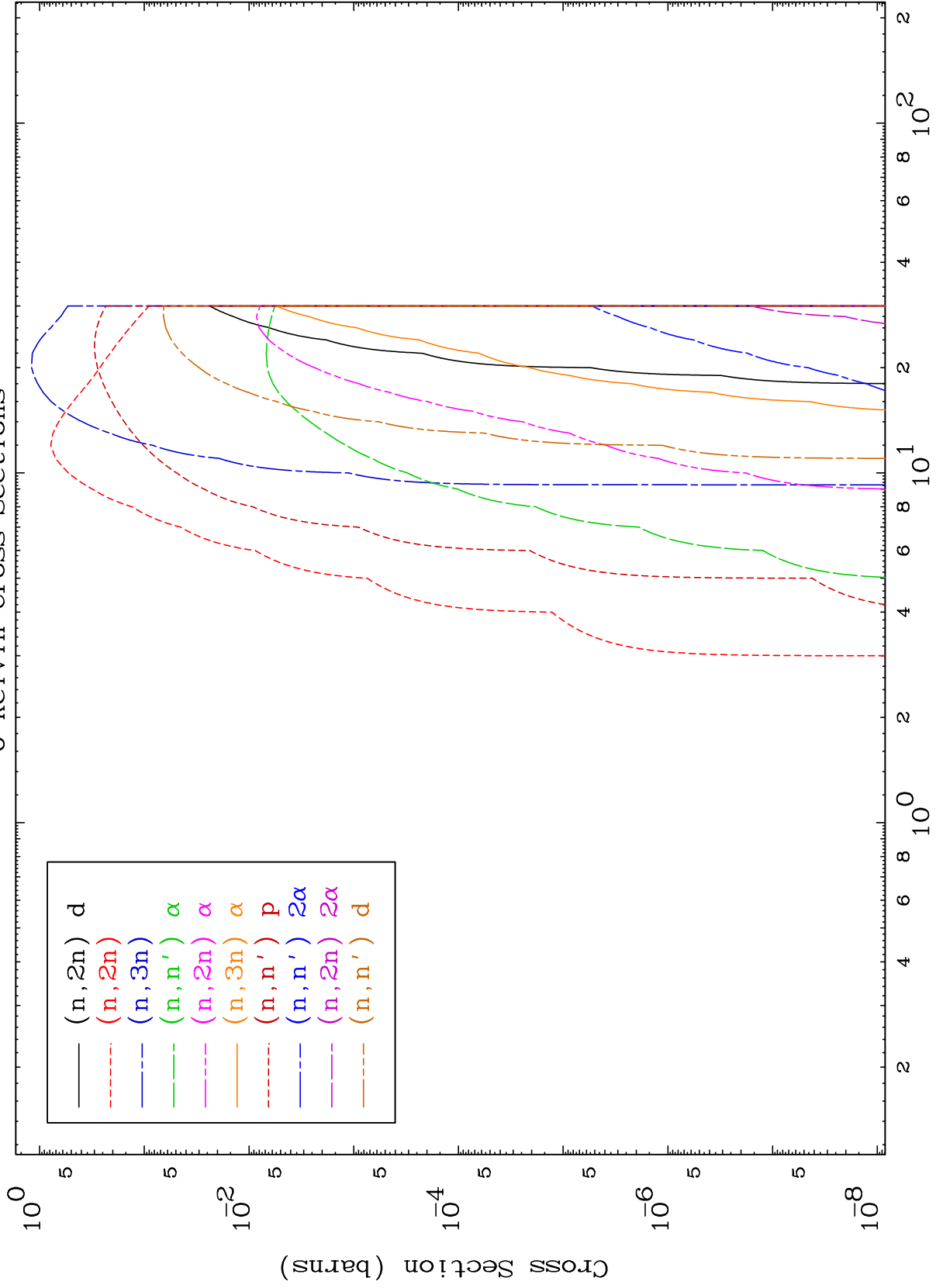
Tele: 925-443-1911

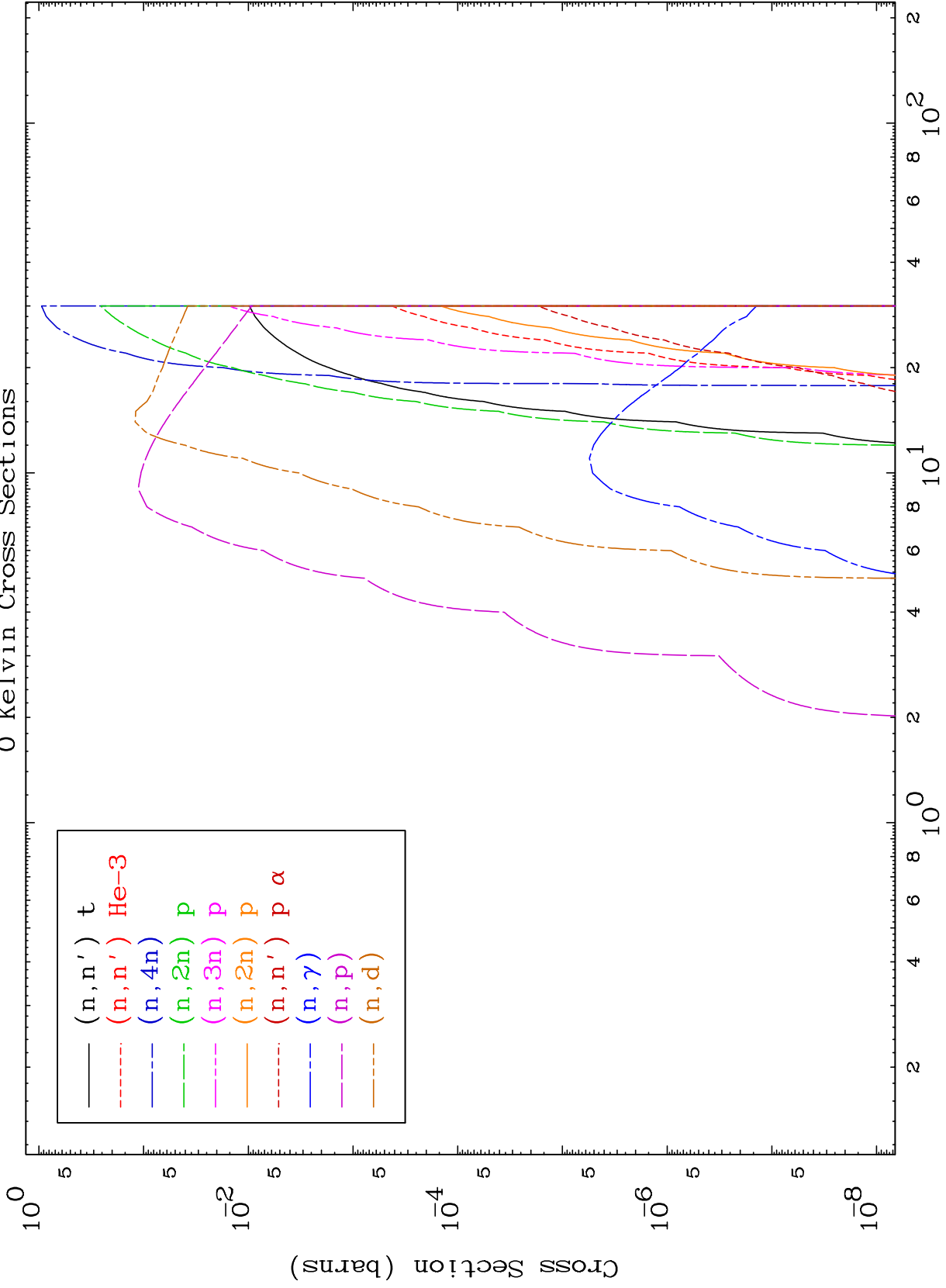
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

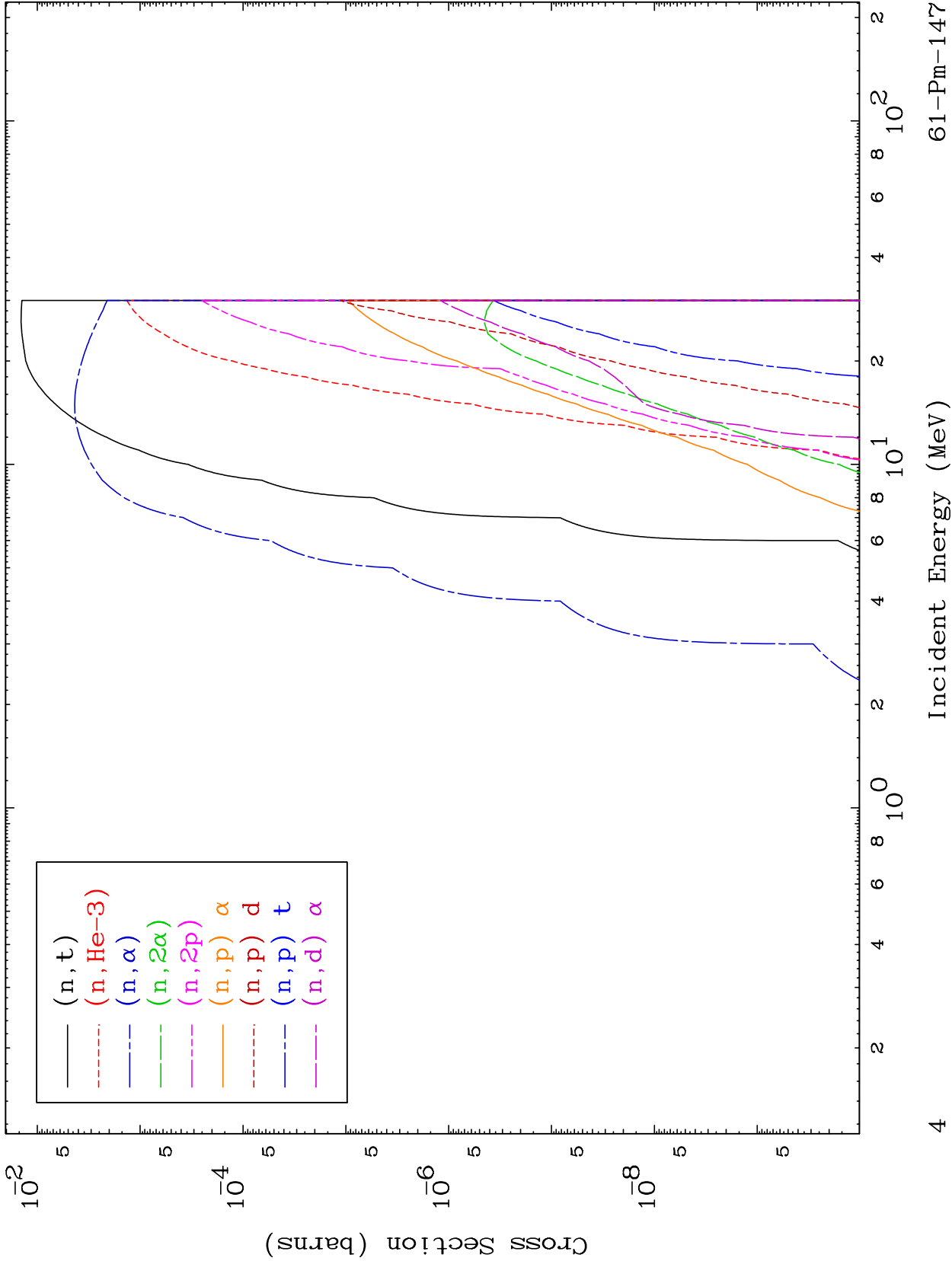
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

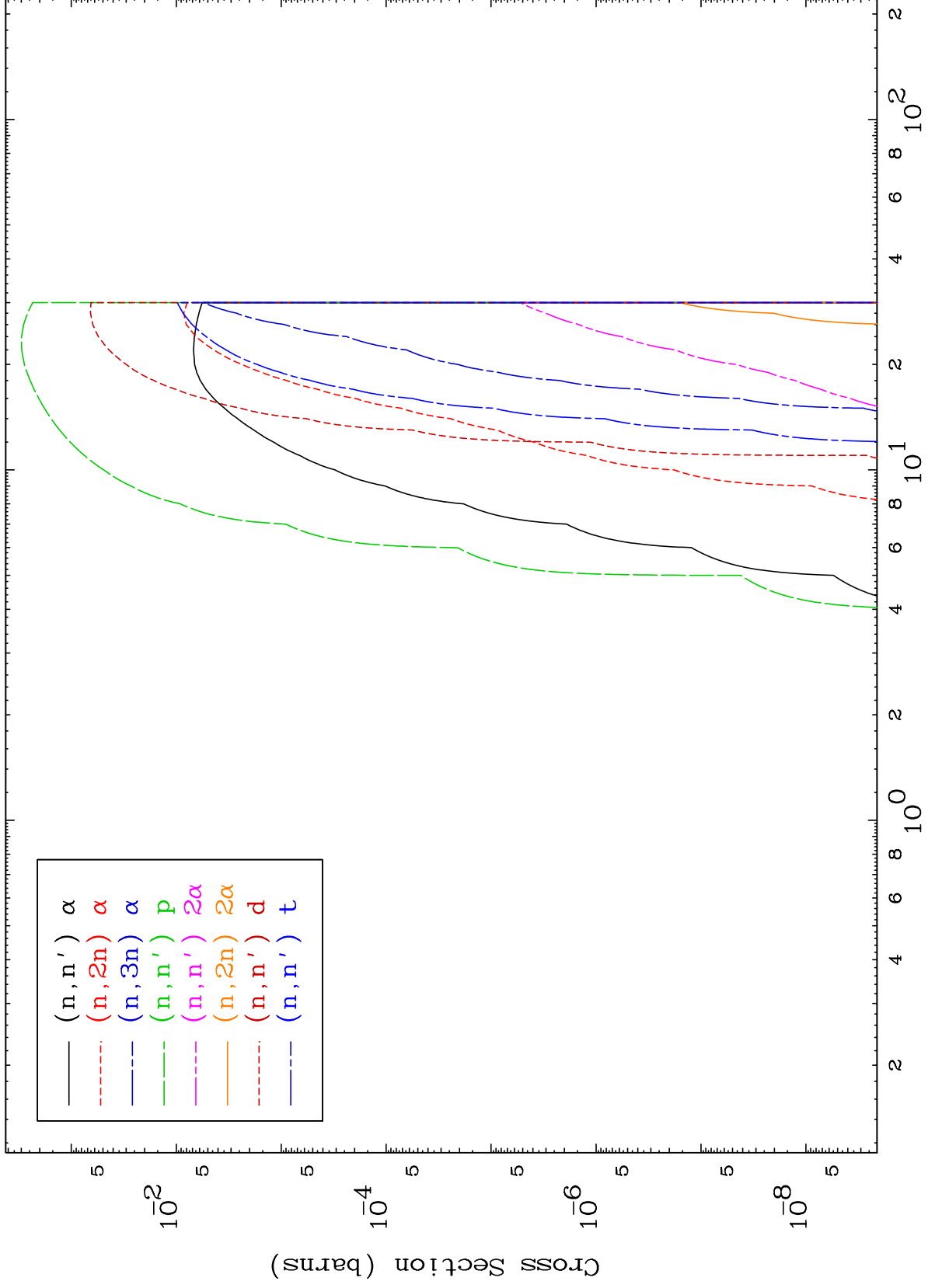
Press Mouse Button to Start

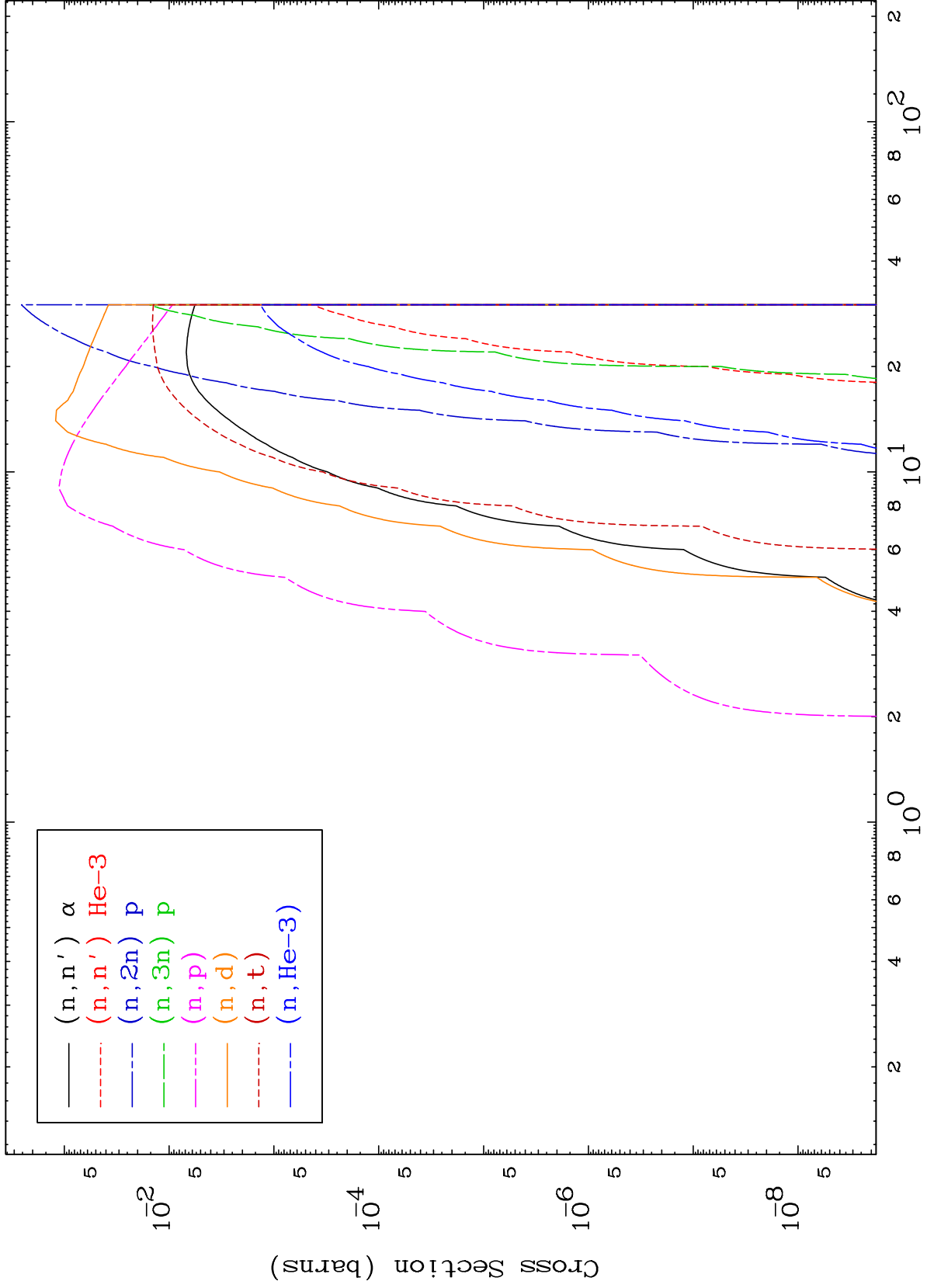


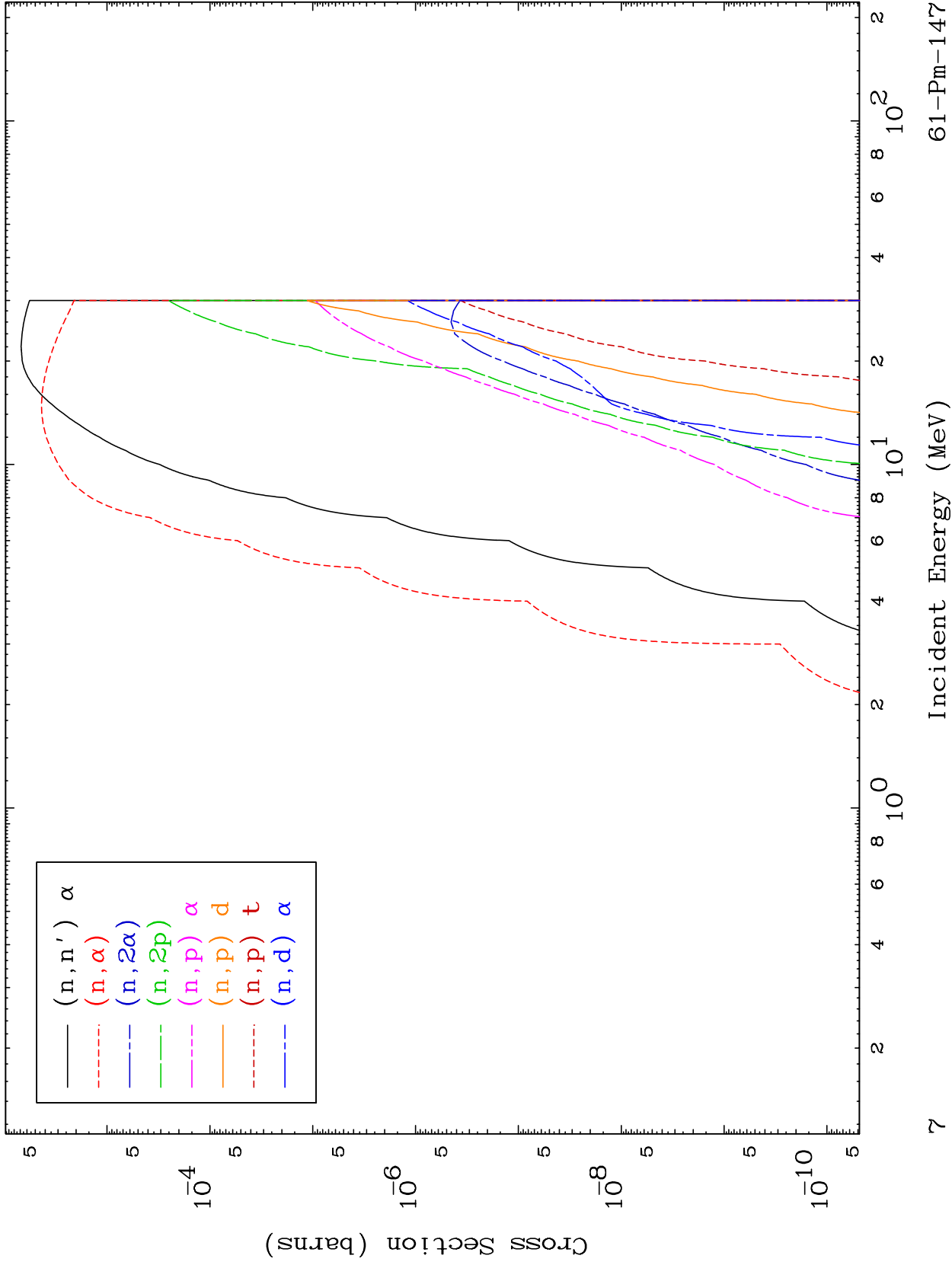












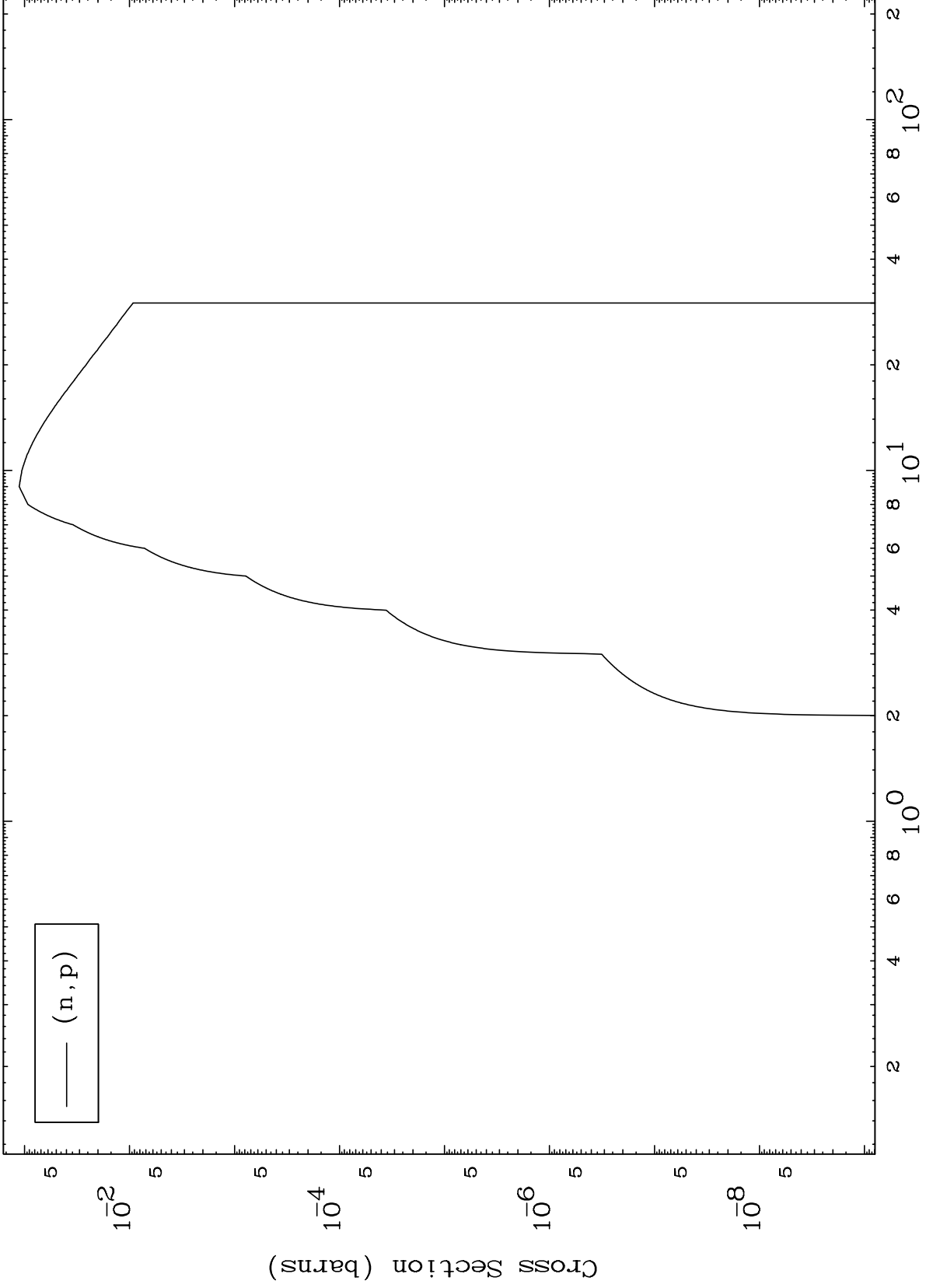


MAT 6149

(d,p) Levels

61-Pm-147

0 Kelvin Cross Sections

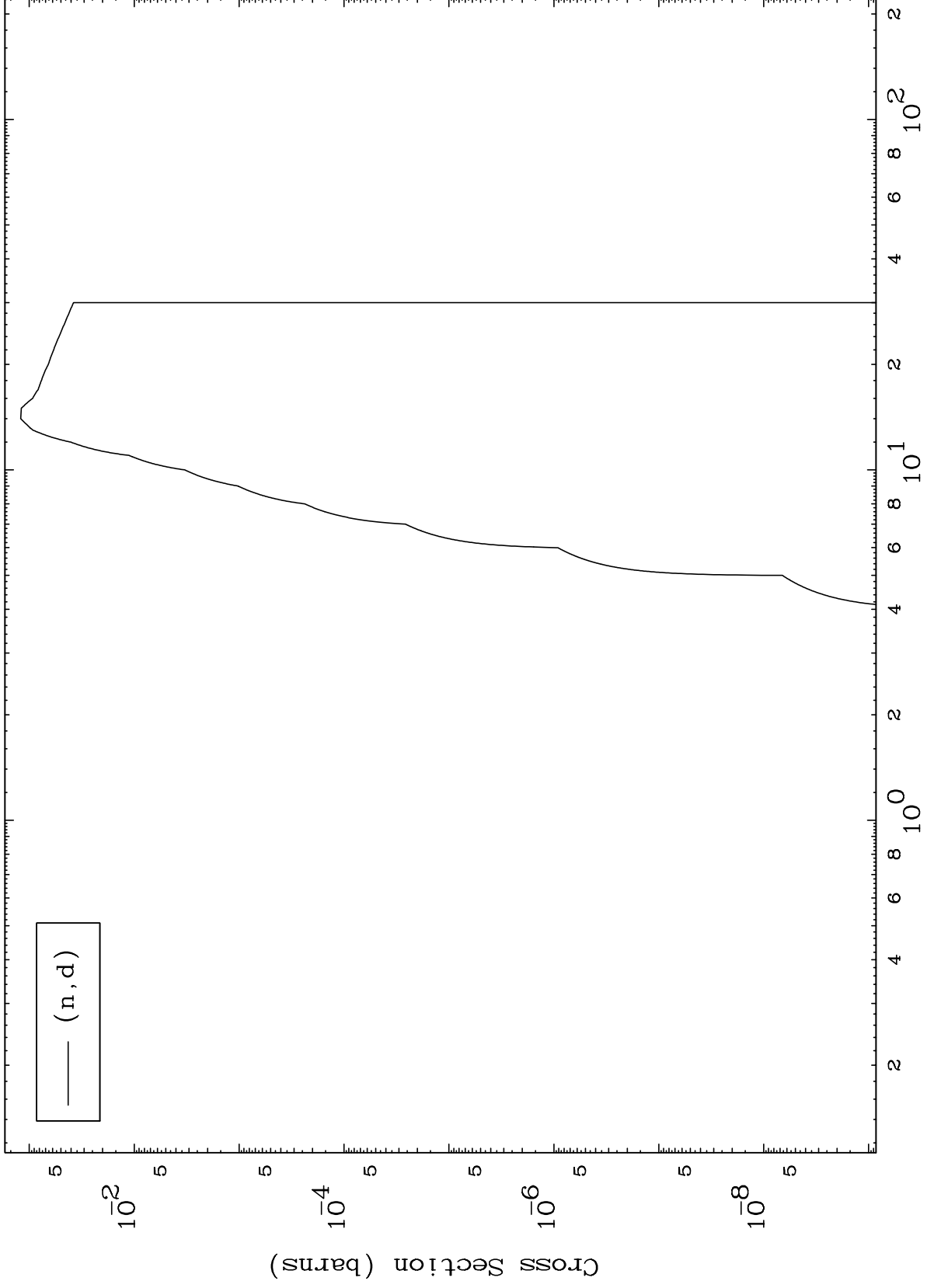


MAT 6149

(d,d) Levels

61-Pm-147

0 Kelvin Cross Sections

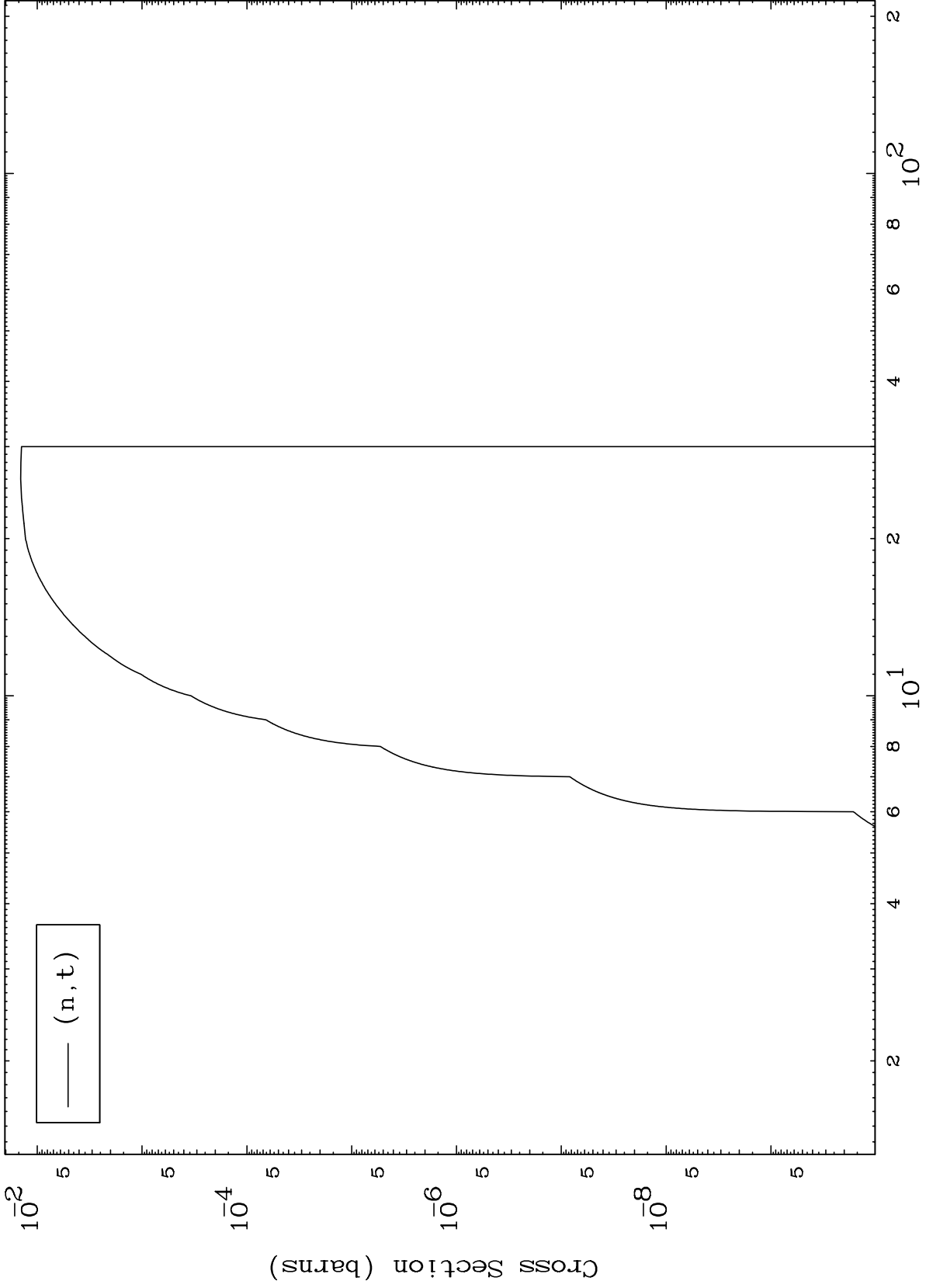


MAT 6149

(d,t) Levels

61-Pm-147

0 Kelvin Cross Sections



10

Incident Energy (MeV)

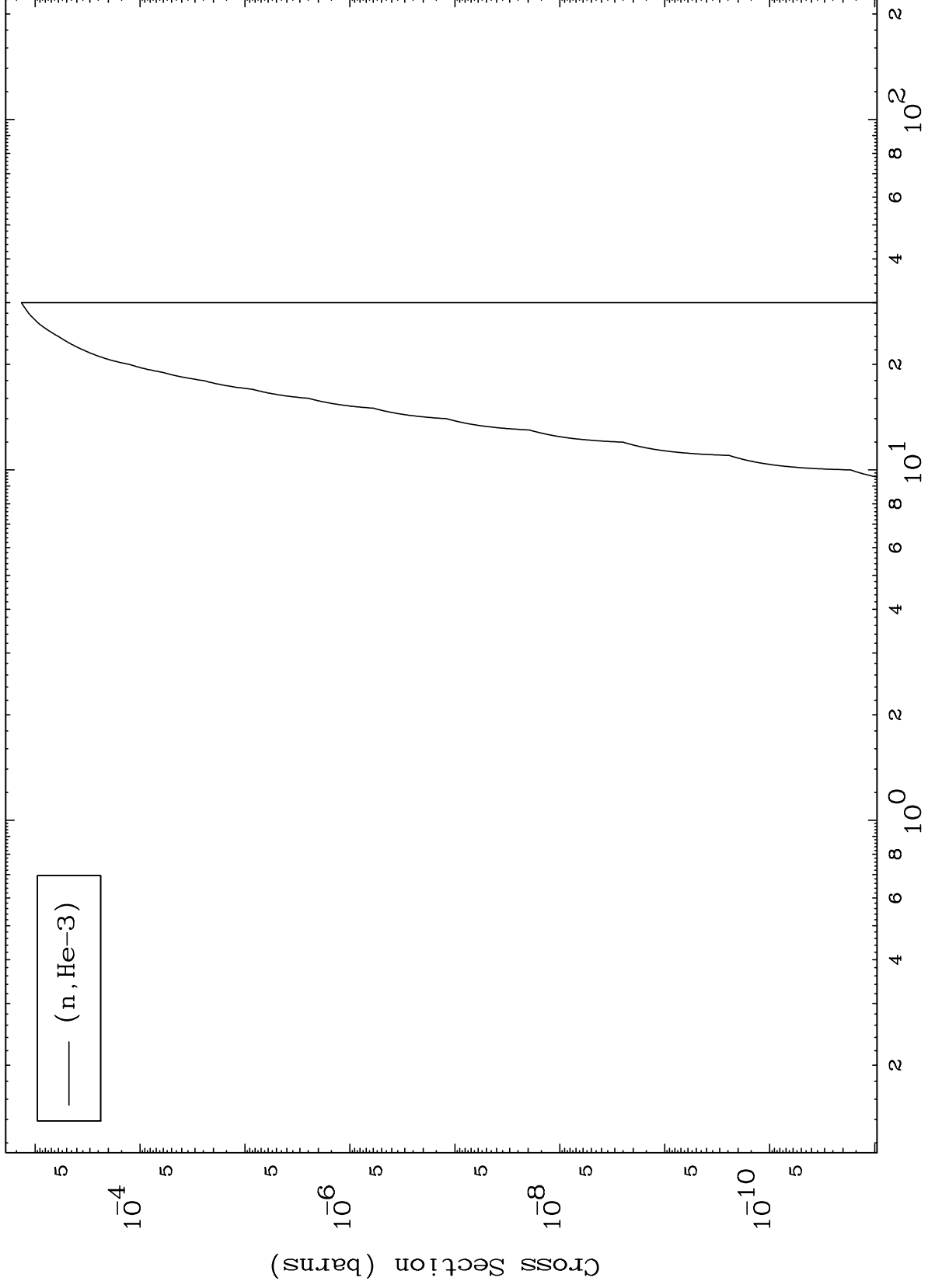
61-Pm-147

MAT 6149

(d,He3) Levels

61-Pm-147

0 Kelvin Cross Sections

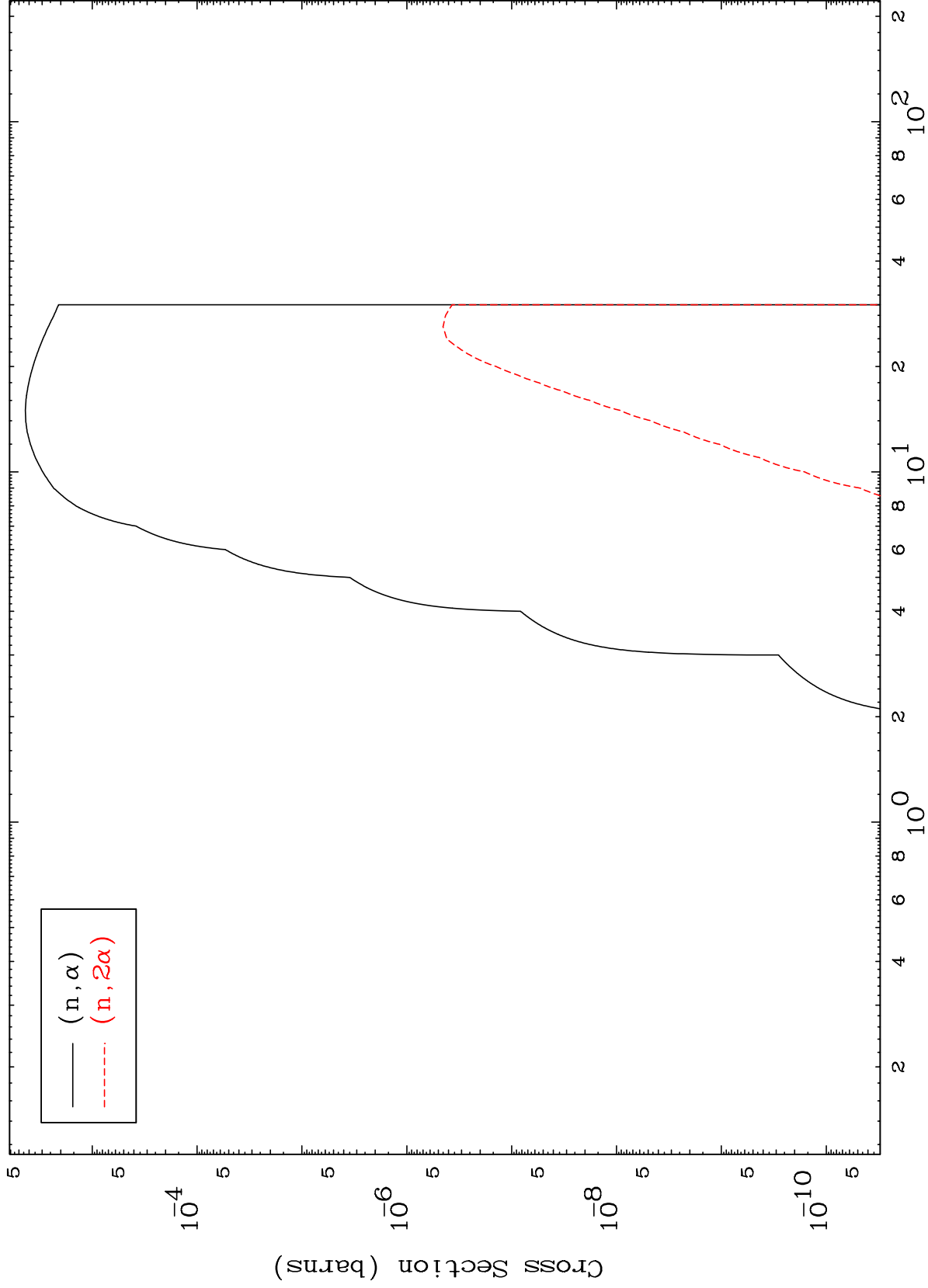


MAT 6149

(d,  $\alpha$ ) Levels

61-Pm-147

0 Kelvin Cross Sections



12

Incident Energy (MeV)

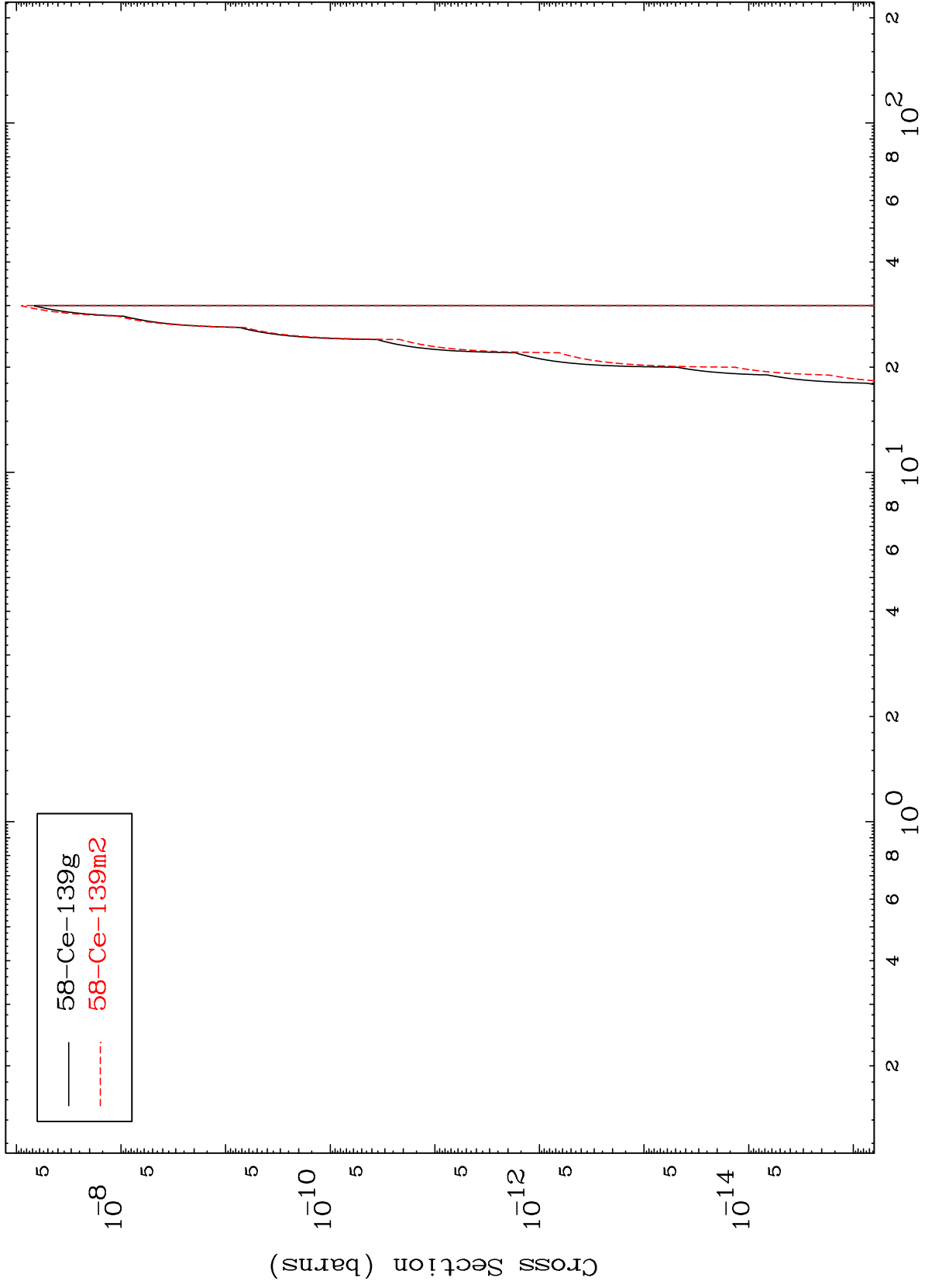
61-Pm-147

MAT 6149

(n,2n) 2α

61-Pm-147

Radionuclide Production Cross Section



13

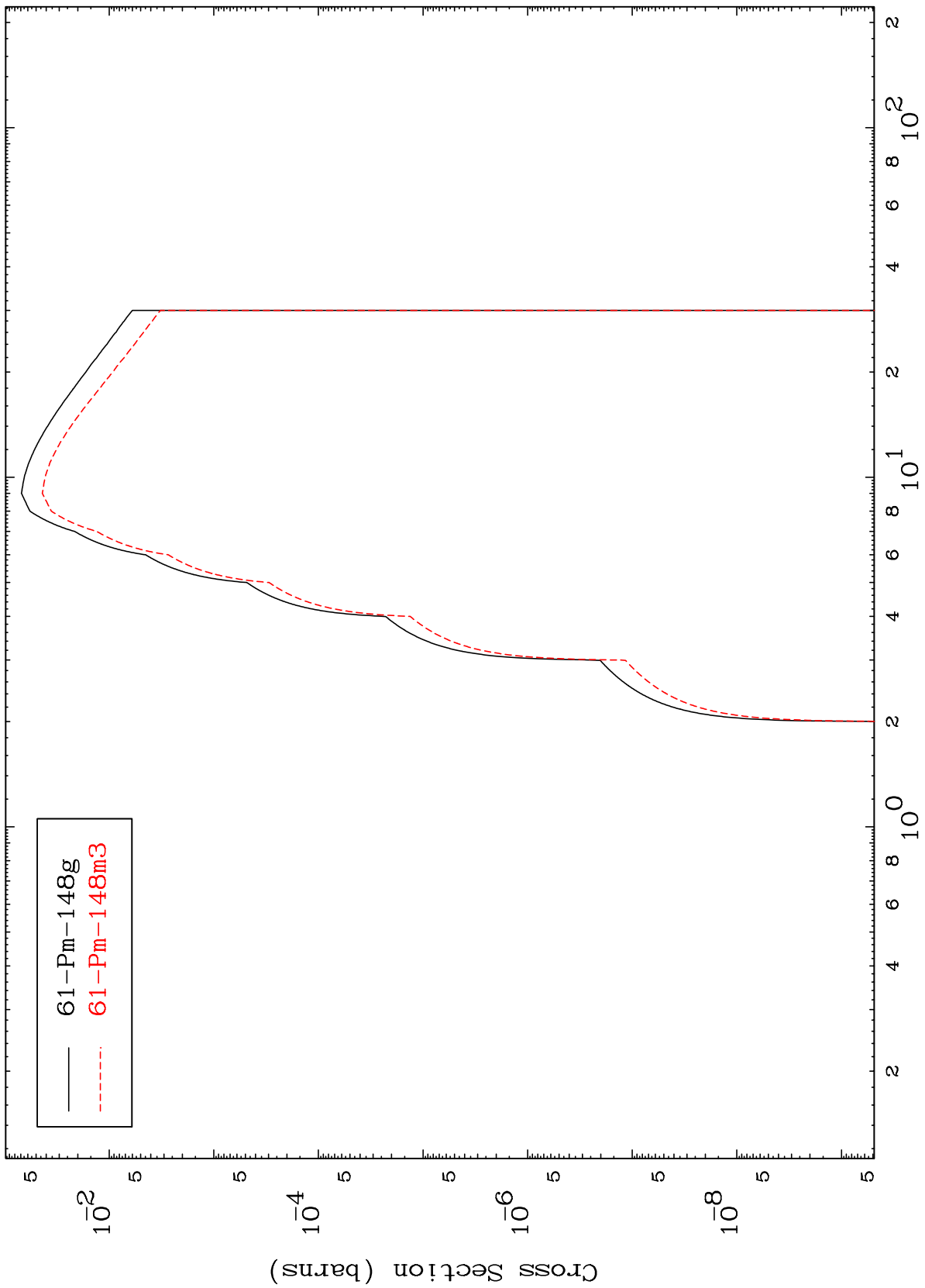
Incident Energy (MeV)

61-Pm-147

MAT 6149

61-Pm-147

(n,p)  
Radionuclide Production Cross Section



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

61-Pm-147

Incident Energy (MeV)

14

MAT 6149

(n,p)  $\alpha$

61-Pm-147

Radionuclide Production Cross Section

