

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

Web:redcullen1.net/HOMEPAGE.NEW

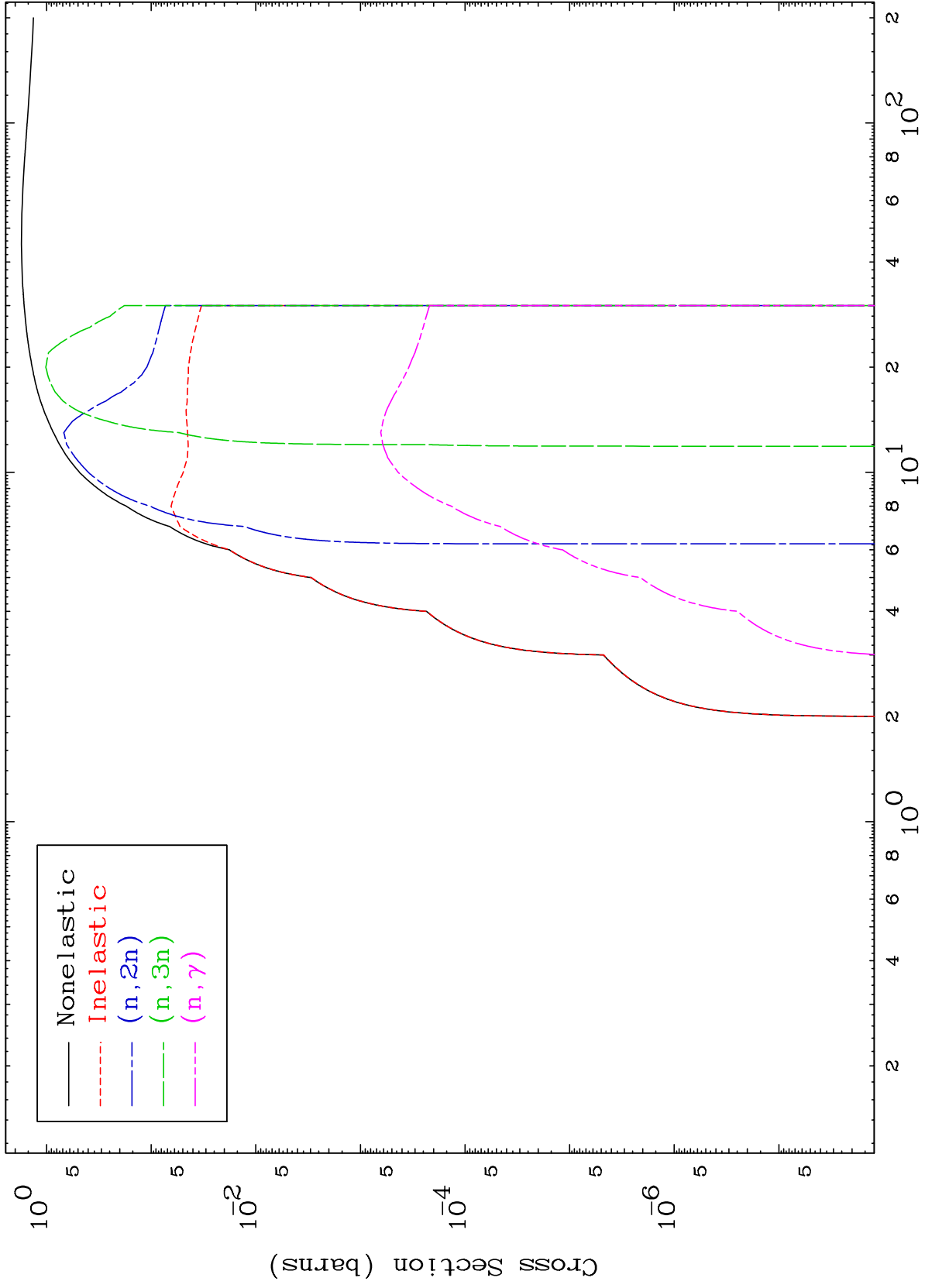
Press Mouse Button to Start

MAT 6052

Proton Major

60-Nd-151

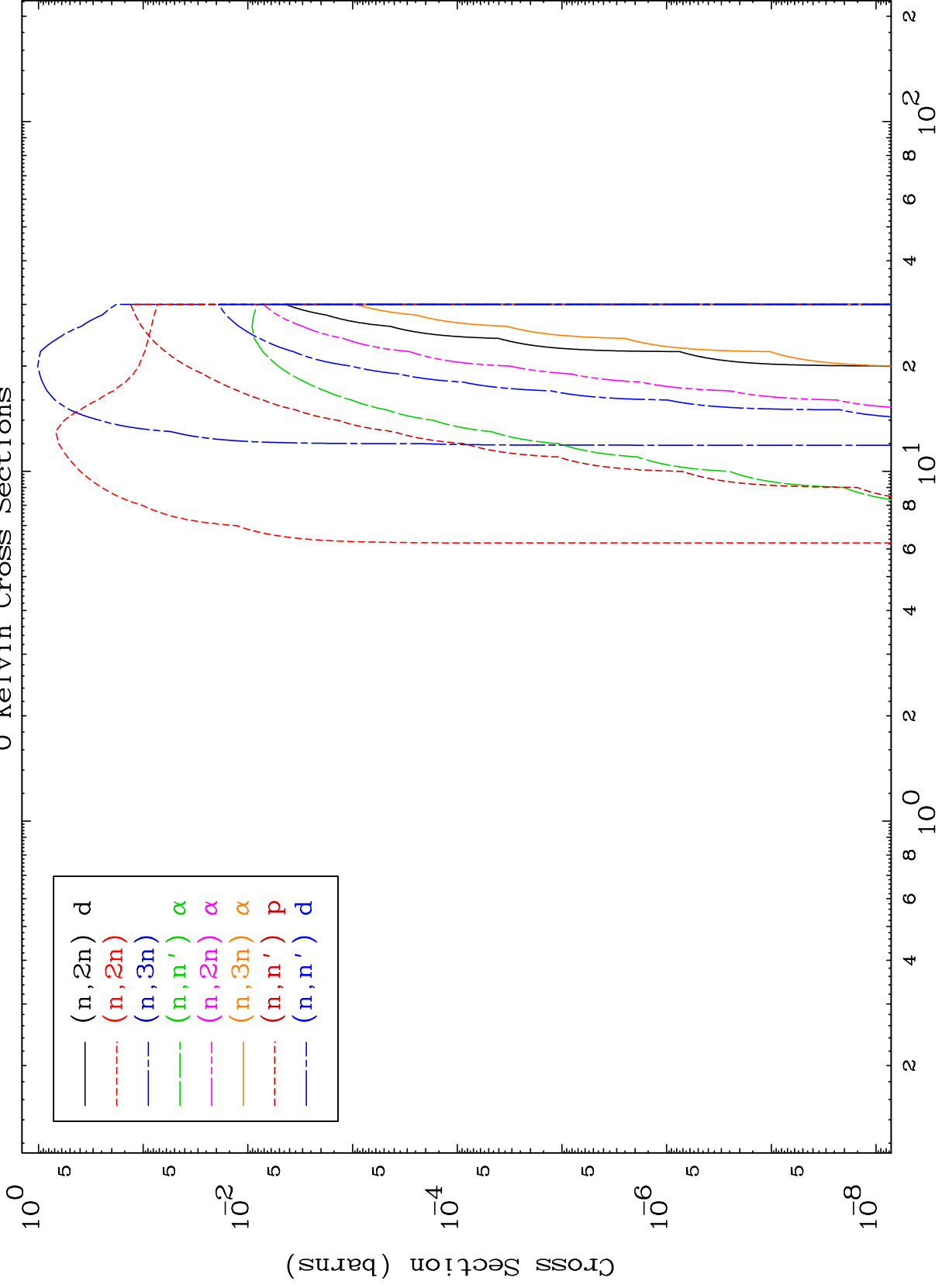
0 Kelvin Cross Sections



MAT 6052

Proton Neutron Absorption  
0 Kelvin Cross Sections

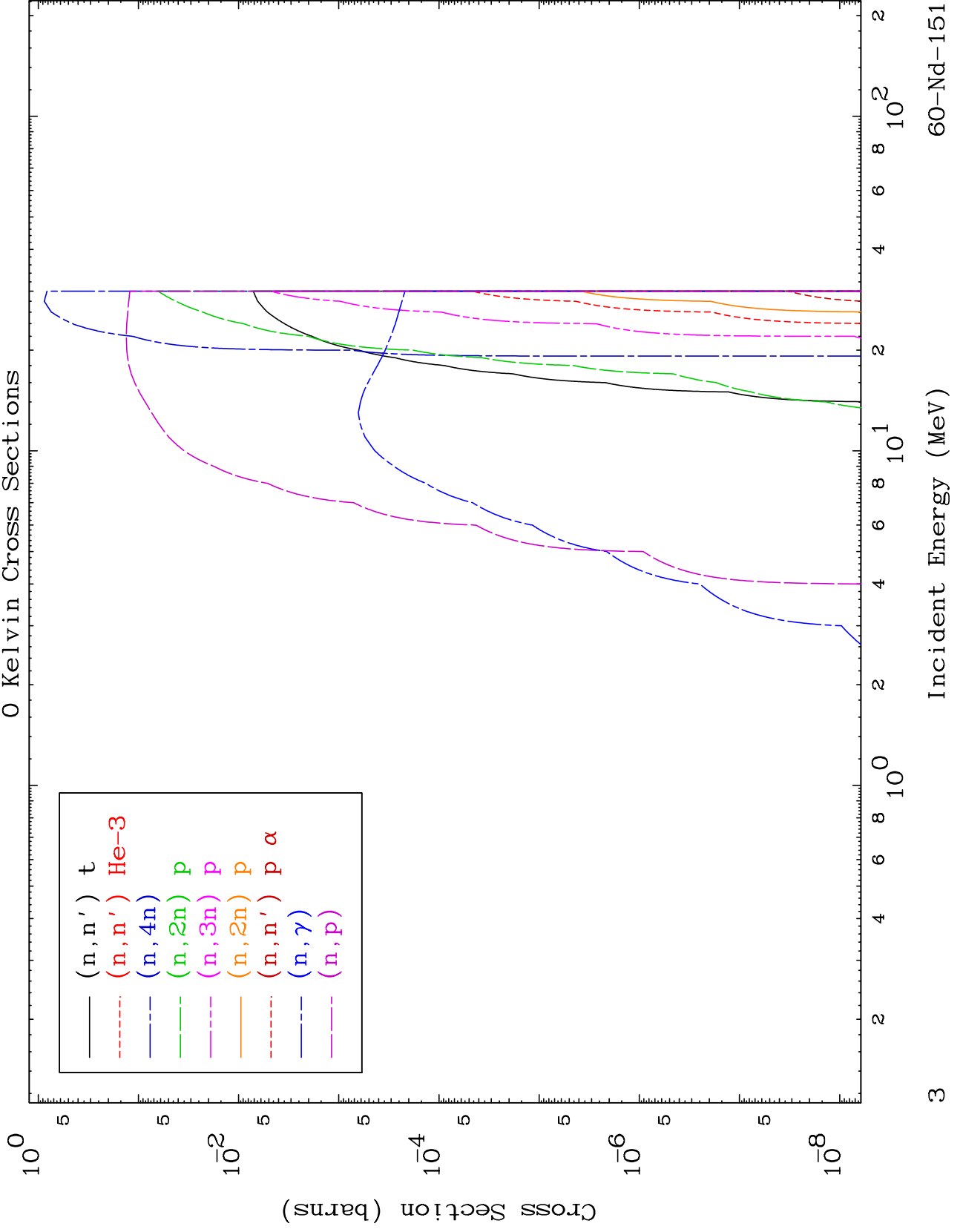
60-Nd-151

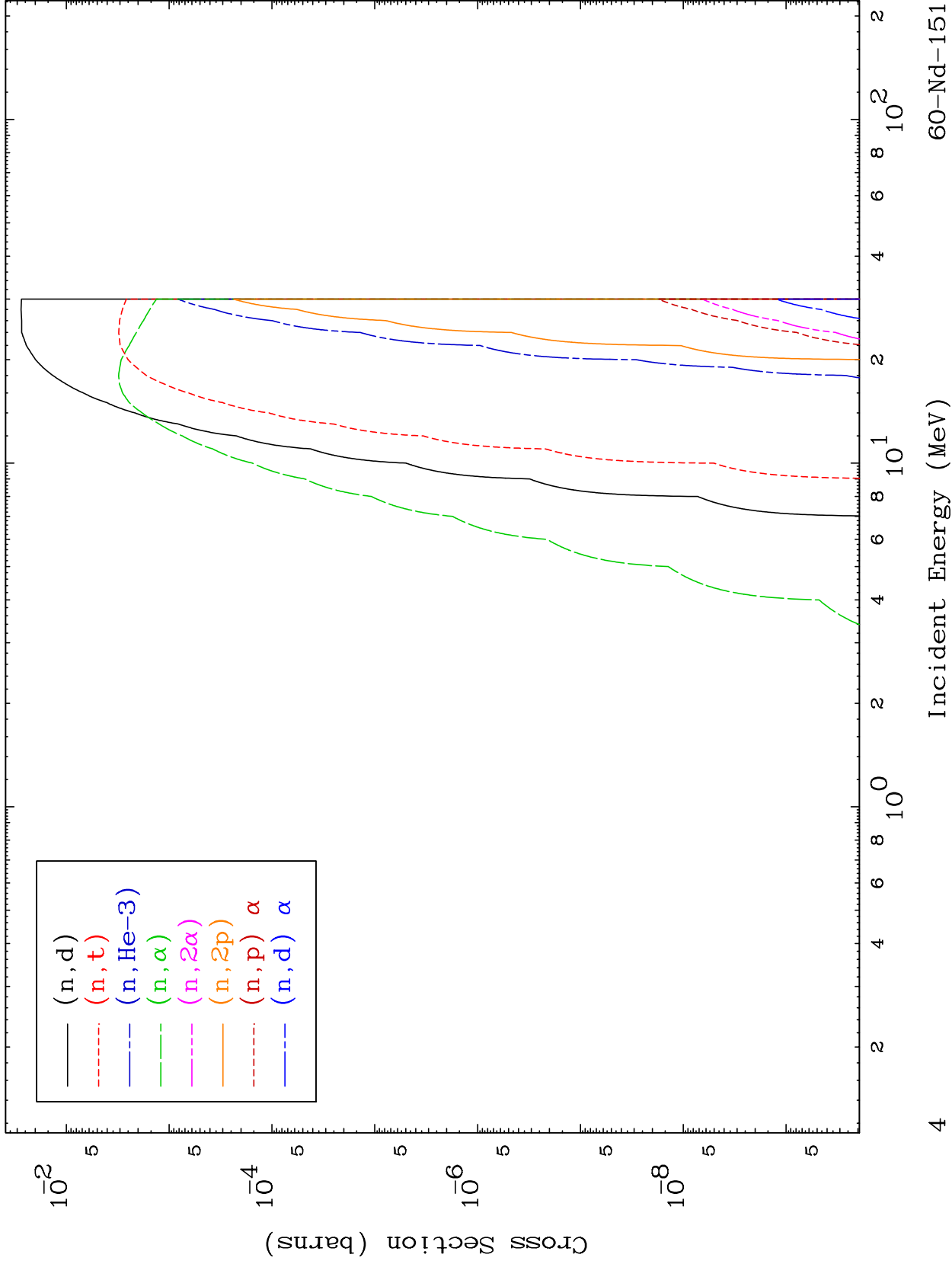


MAT 6052

Proton Neutron Absorption  
0 Kelvin Cross Sections

60-Nd-151

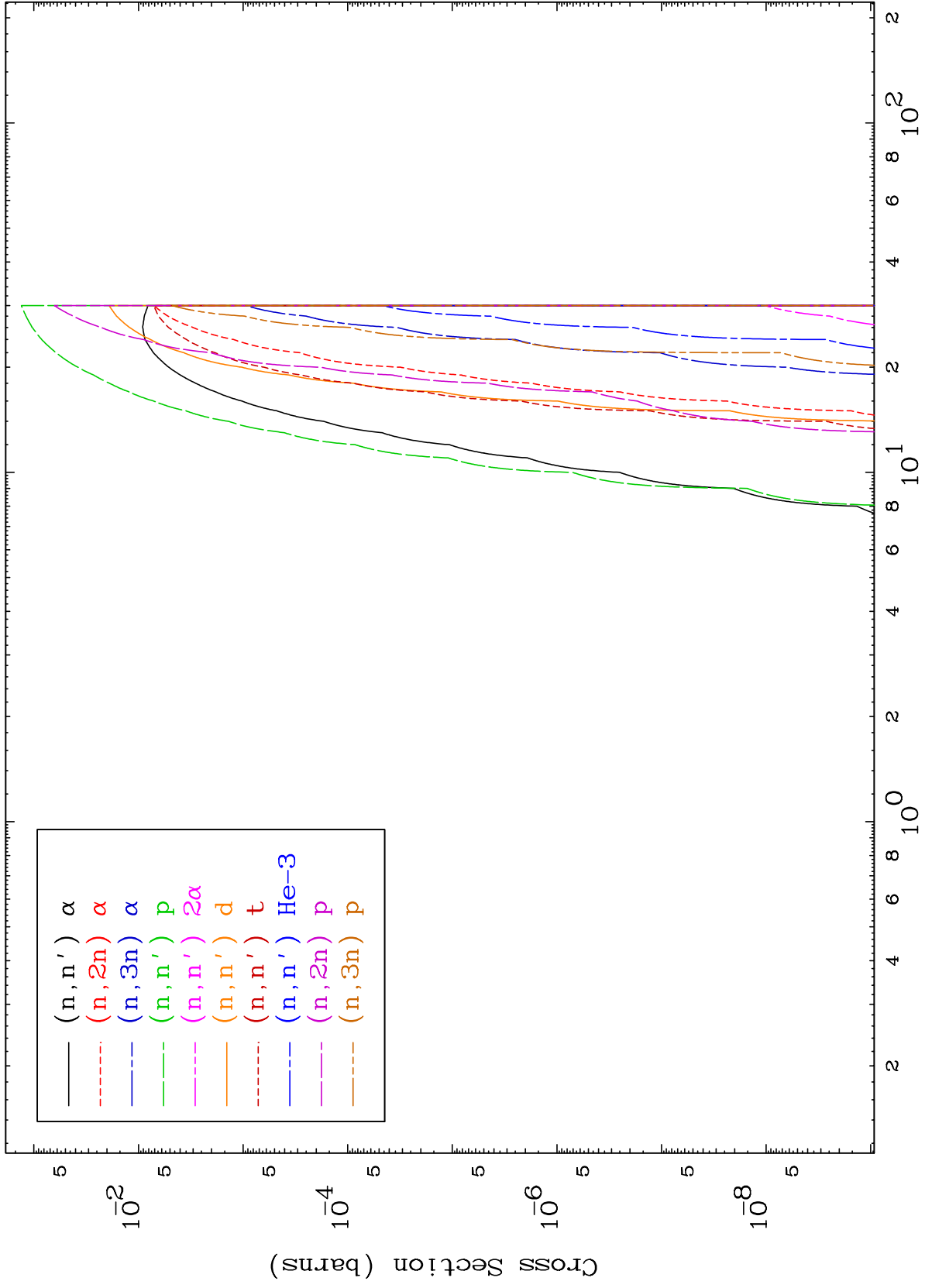


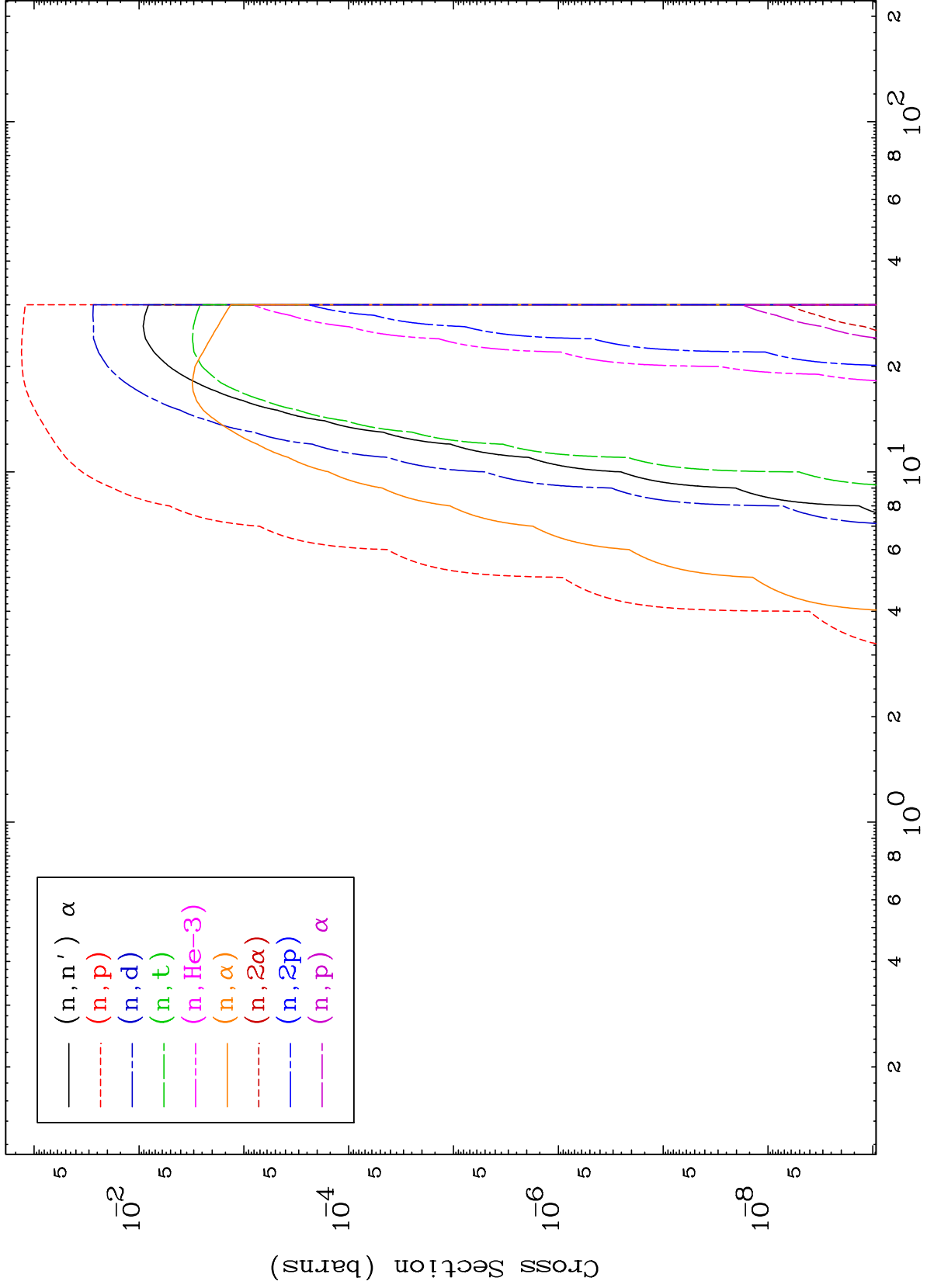


MAT 6052

Proton Charged Particle  
0 Kelvin Cross Sections

60-Nd-151

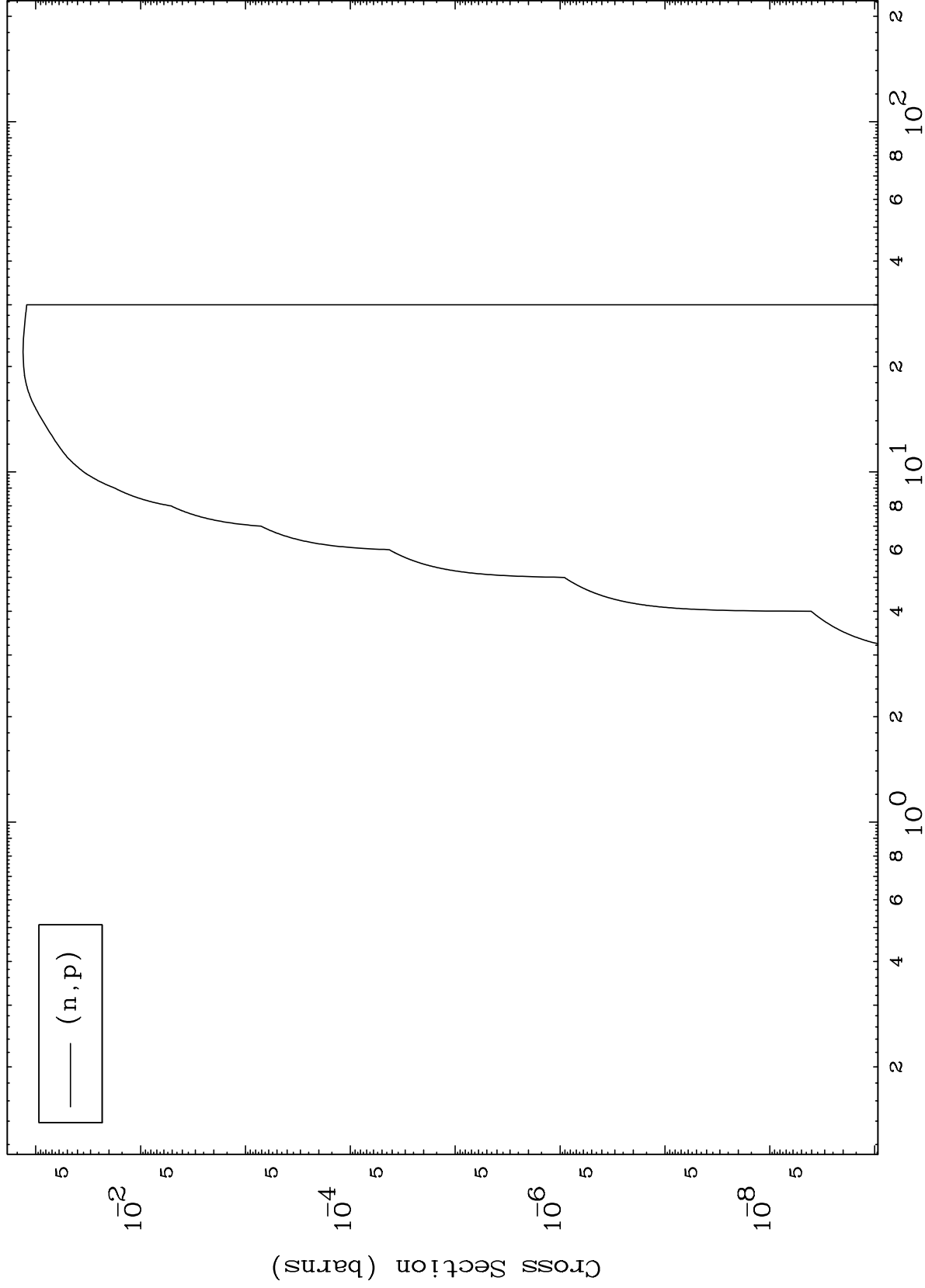




MAT 6052

60-Nd-151

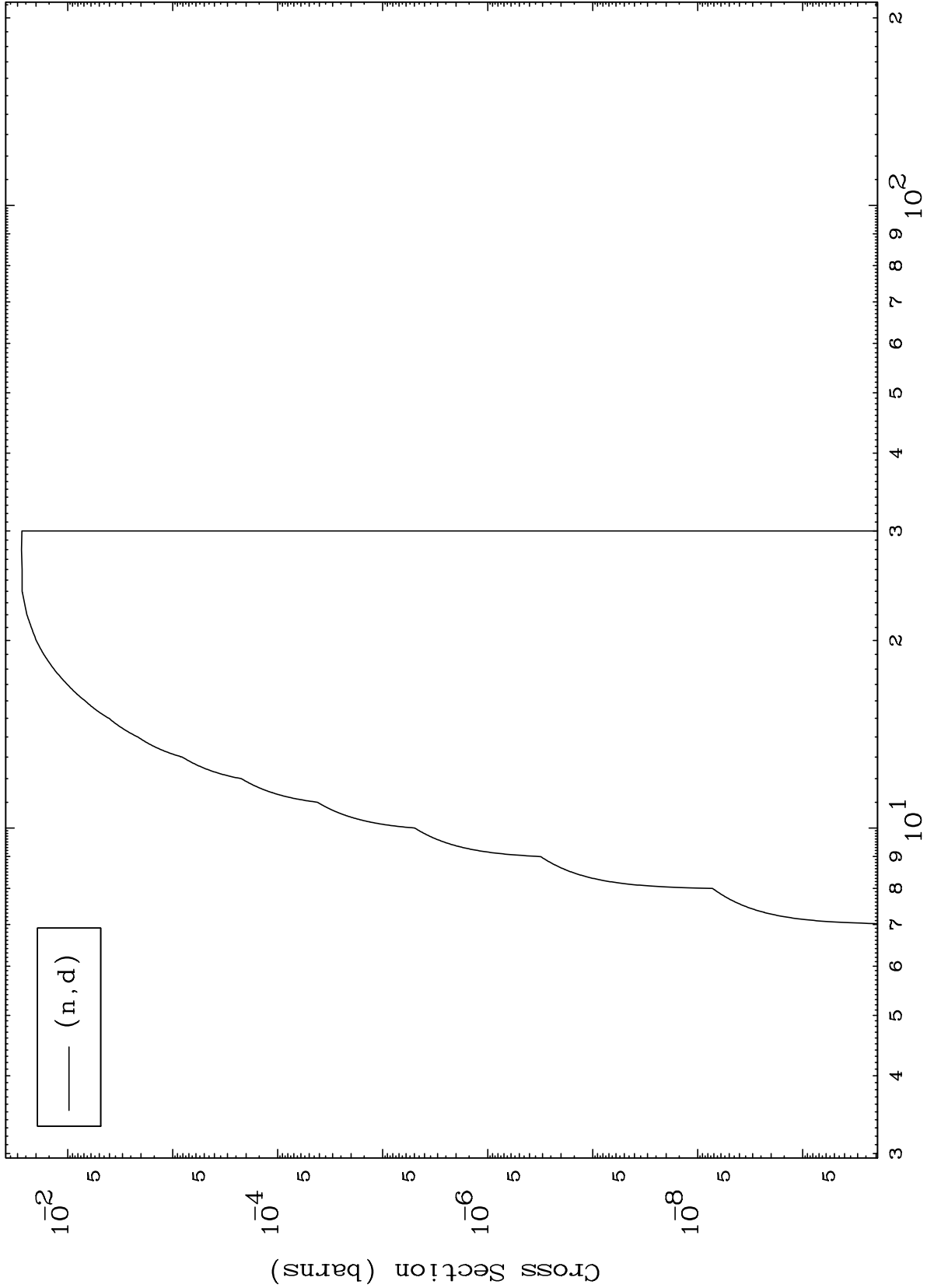
(p,p) Levels  
0 Kelvin Cross Sections



MAT 6052

60-Nd-151

(p,d) Levels  
0 Kelvin Cross Sections



60-Nd-151

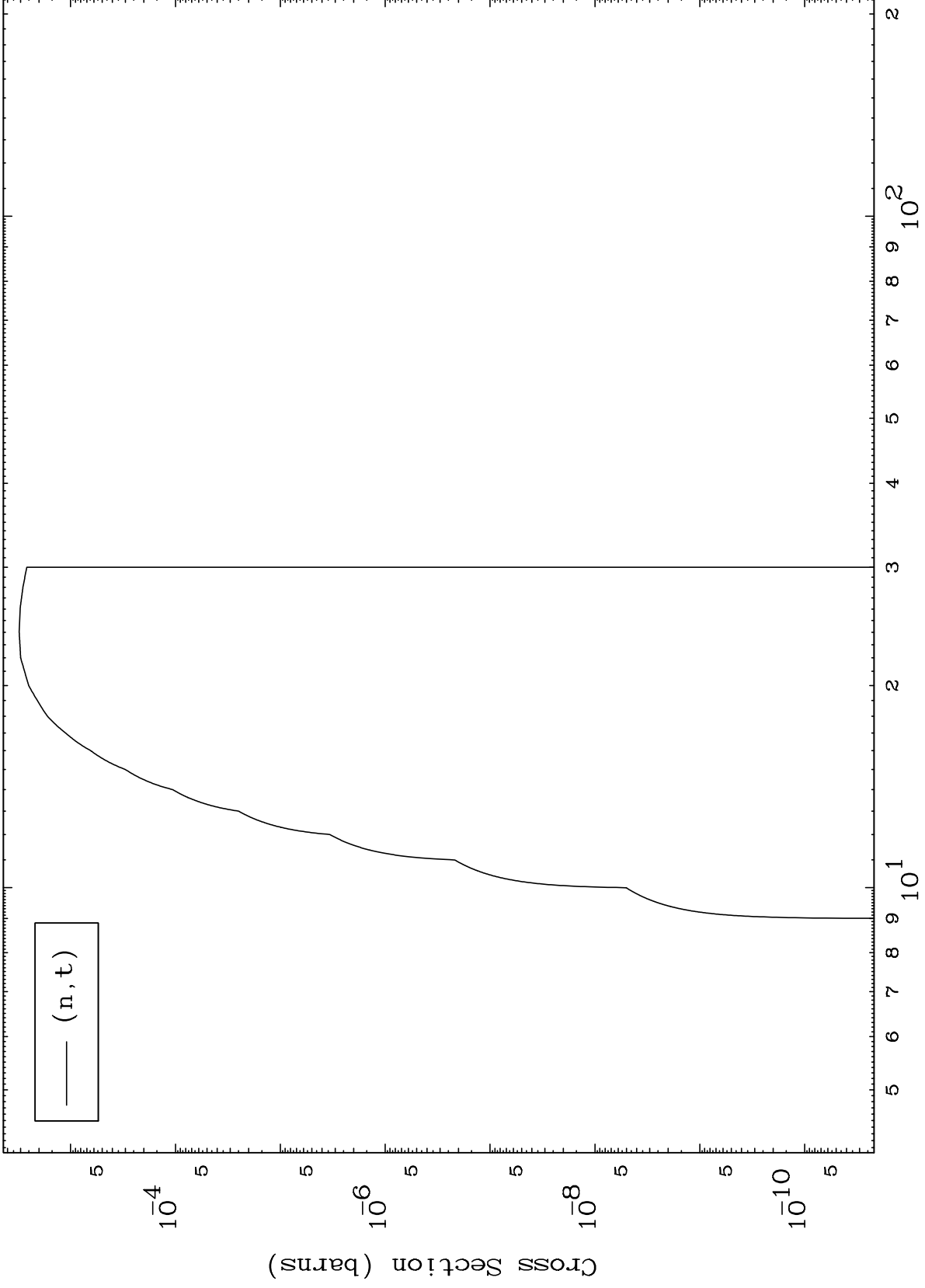
Incident Energy (MeV)

8

MAT 6052

60-Nd-151

(p,t) Levels  
0 Kelvin Cross Sections



9

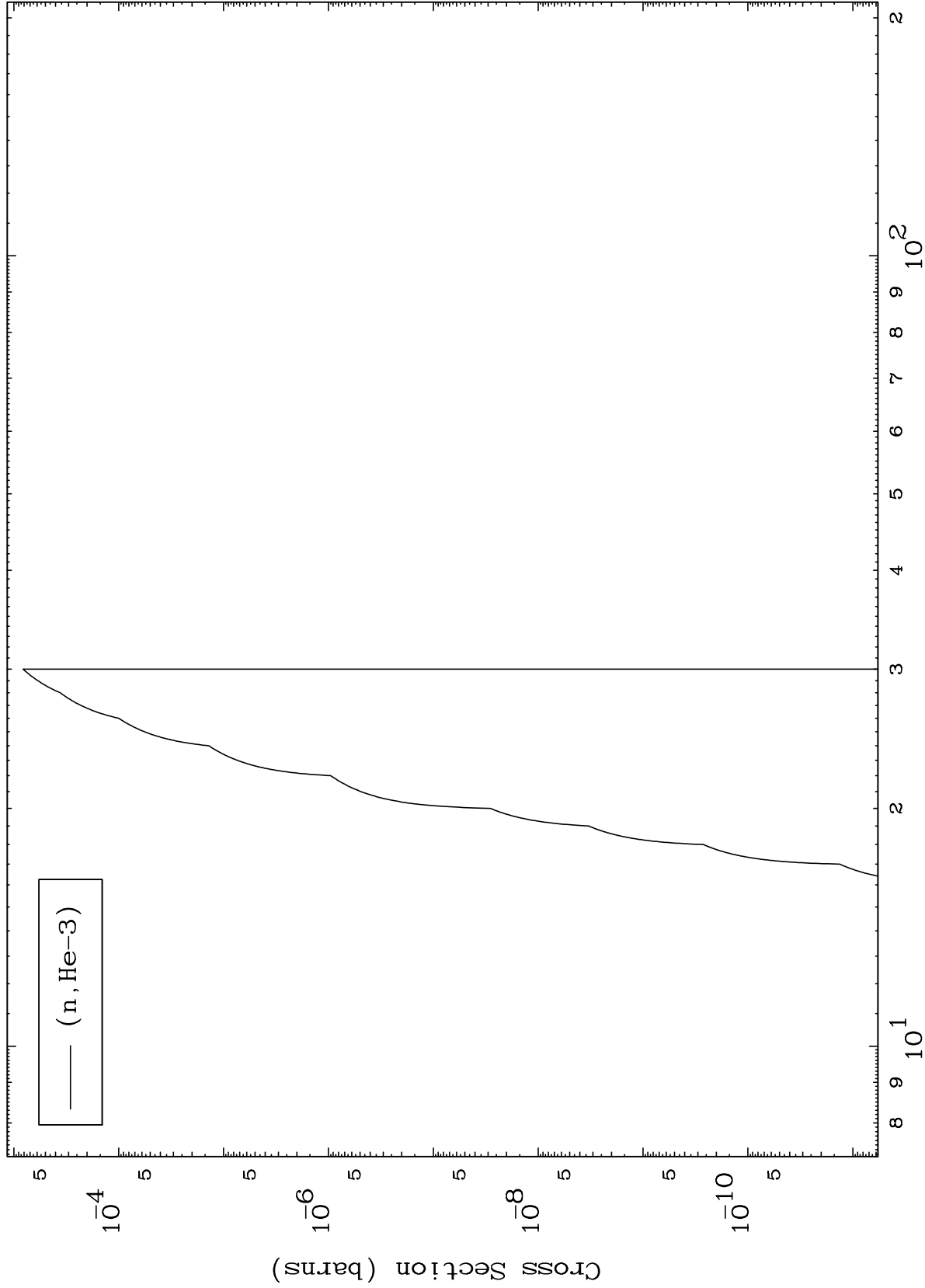
Incident Energy (MeV)

60-Nd-151

MAT 6052

60-Nd-151

(p,He3) Levels  
0 Kelvin Cross Sections



60-Nd-151

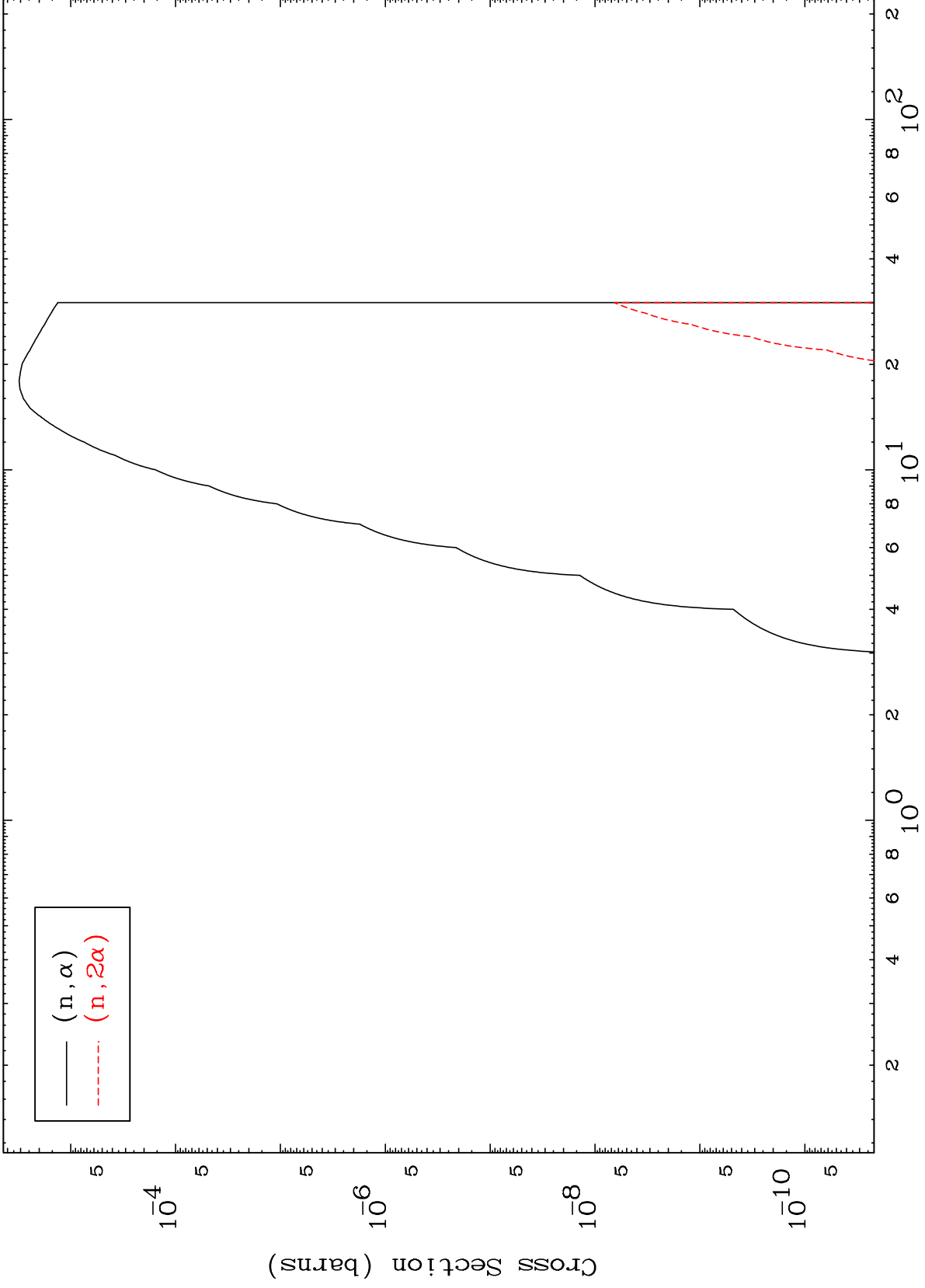
Incident Energy (MeV)

10

MAT 6052

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

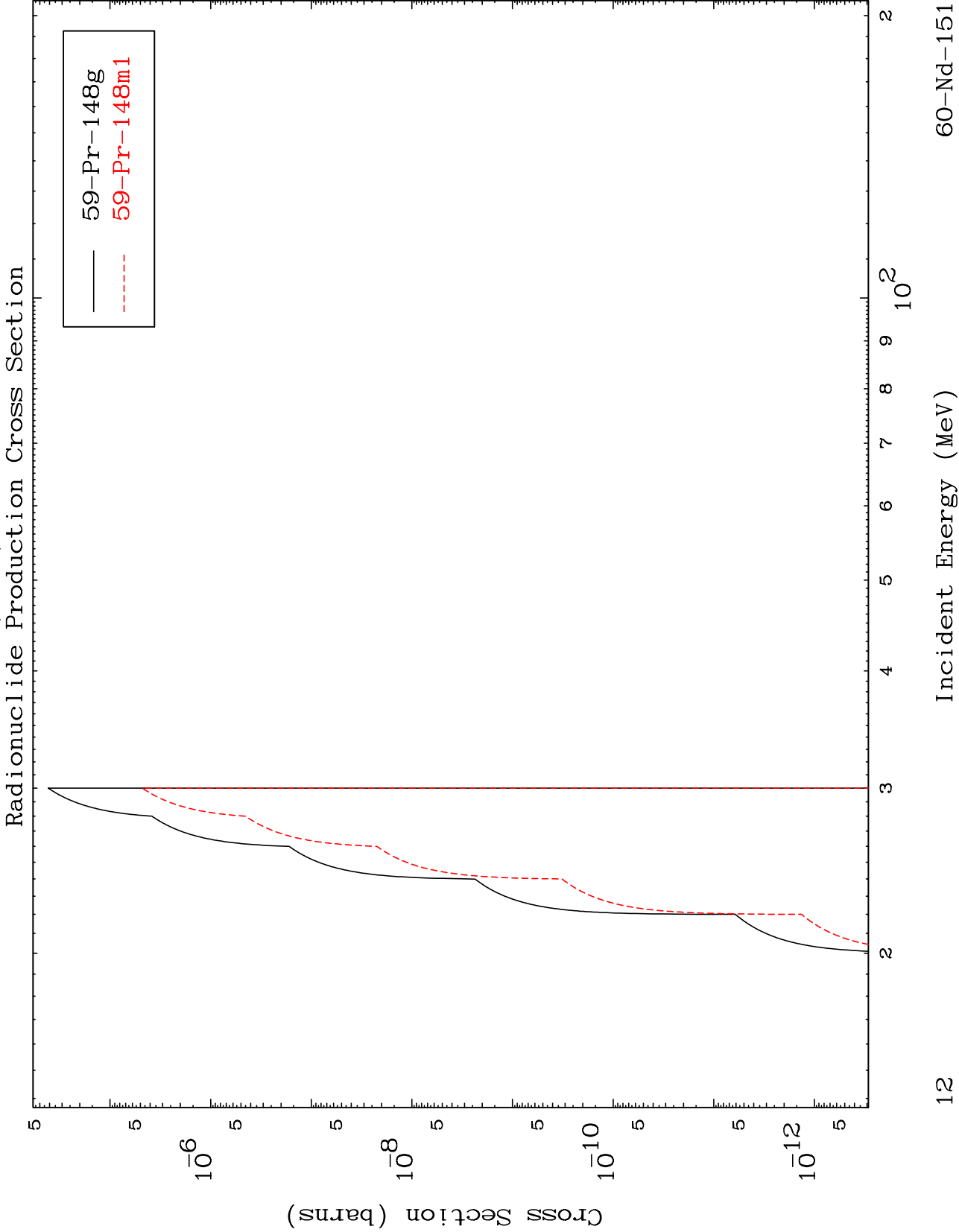
60-Nd-151



MAT 6052

(n,n') He-3

60-Nd-151



12

Incident Energy (MeV)

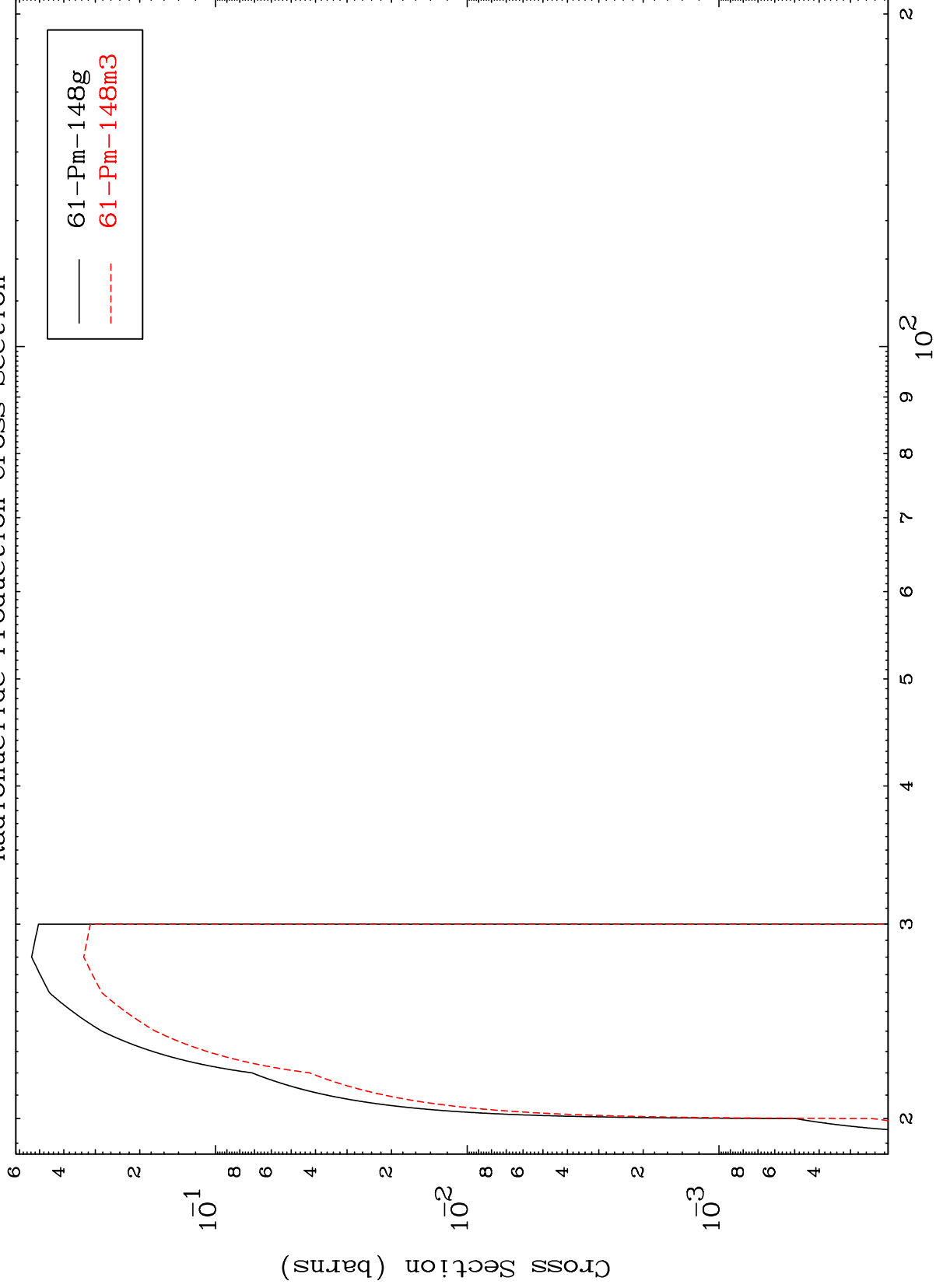
60-Nd-151

MAT 6052

(n,4n)

60-Nd-151

Radionuclide Production Cross Section



13

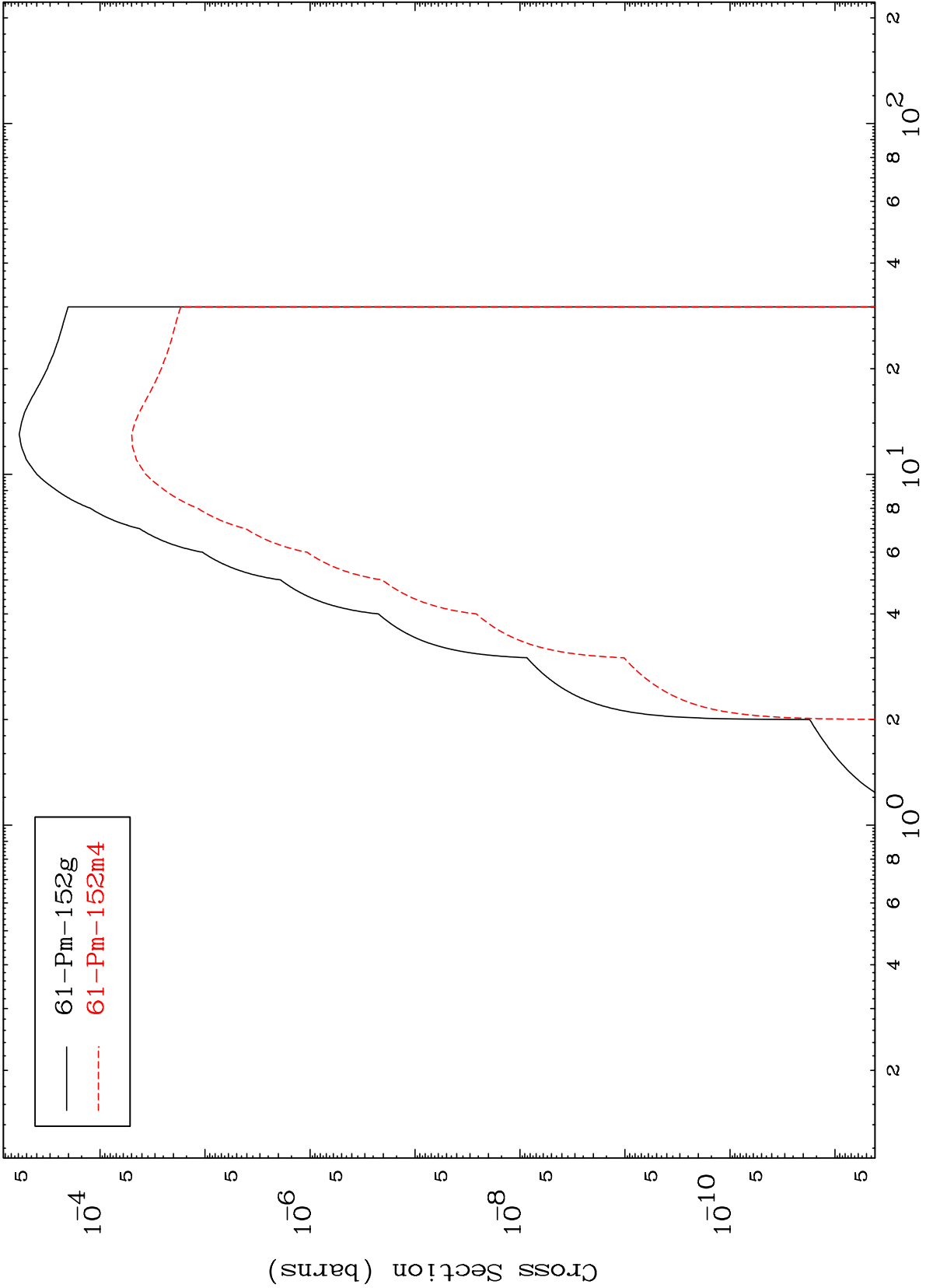
Incident Energy (MeV)

60-Nd-151

MAT 6052

60-Nd-151

(n,γ)  
Radionuclide Production Cross Section



61-Pm-152g  
61-Pm-152m4

60-Nd-151

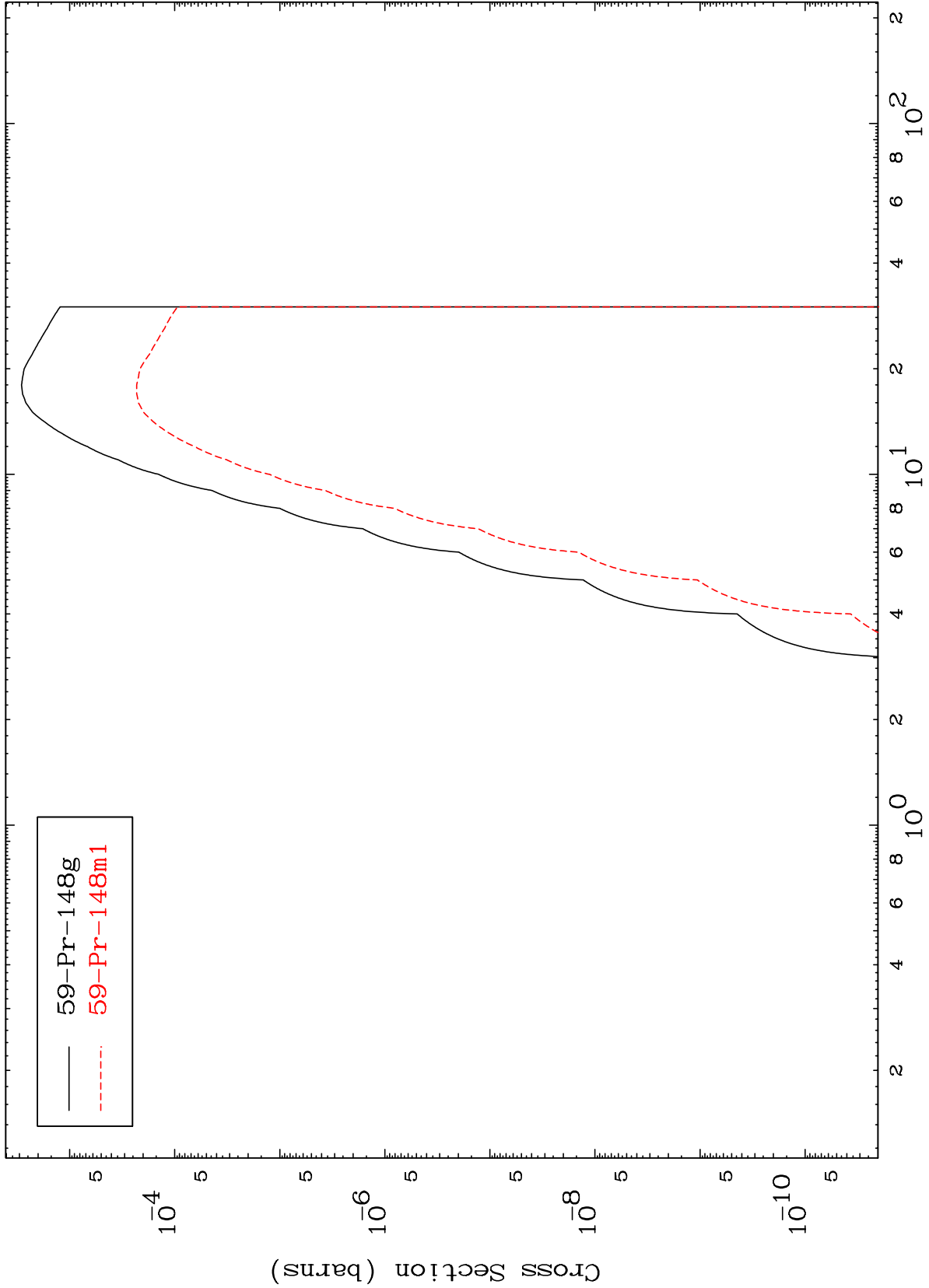
Incident Energy (MeV)

14

MAT 6052

60-Nd-151

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



15

60-Nd-151

Incident Energy (MeV)