

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

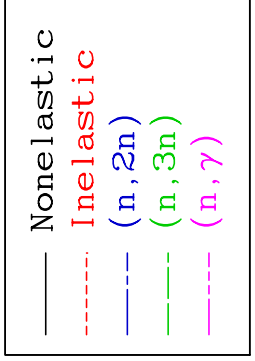
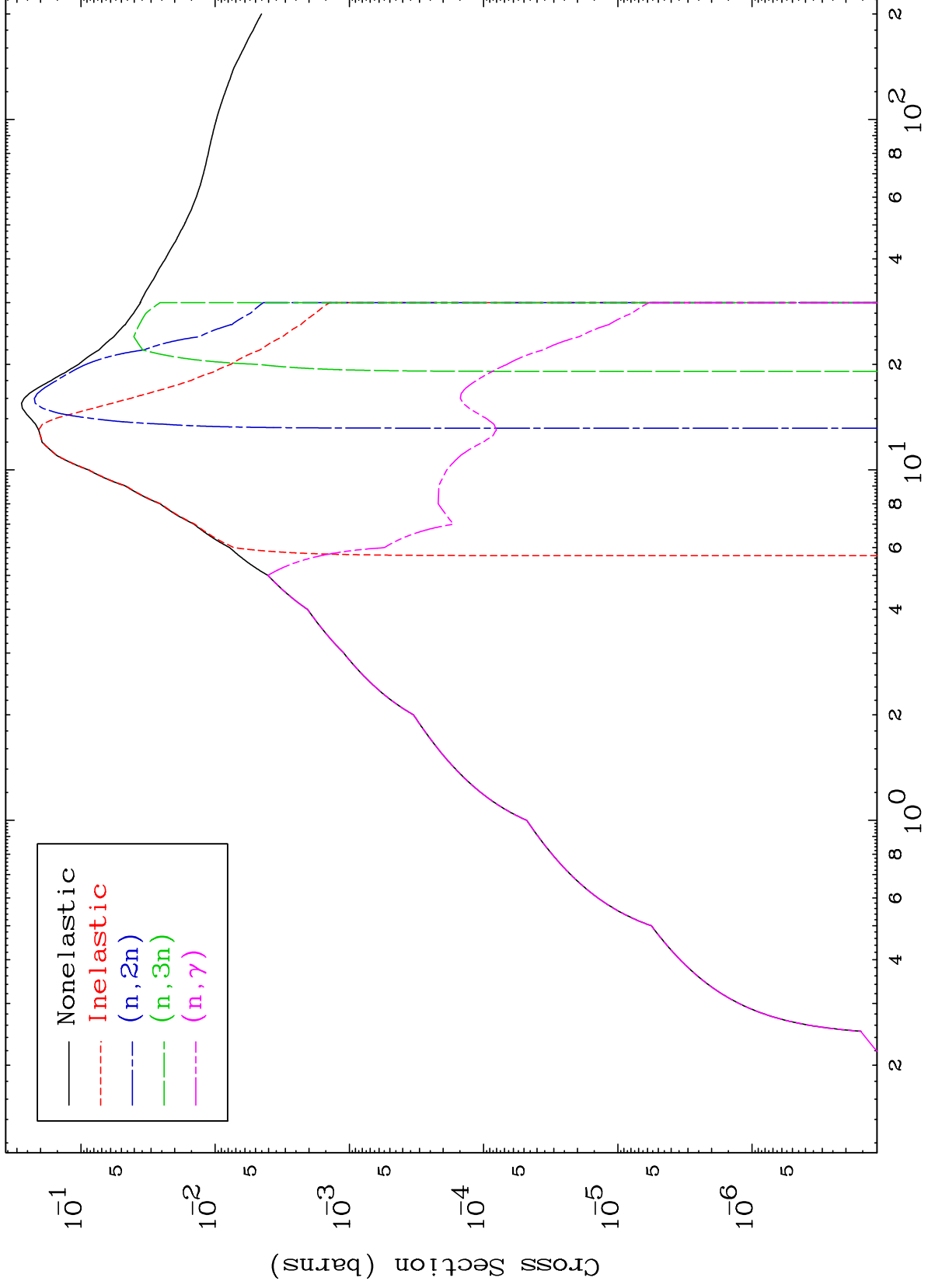
Press Mouse Button to Start

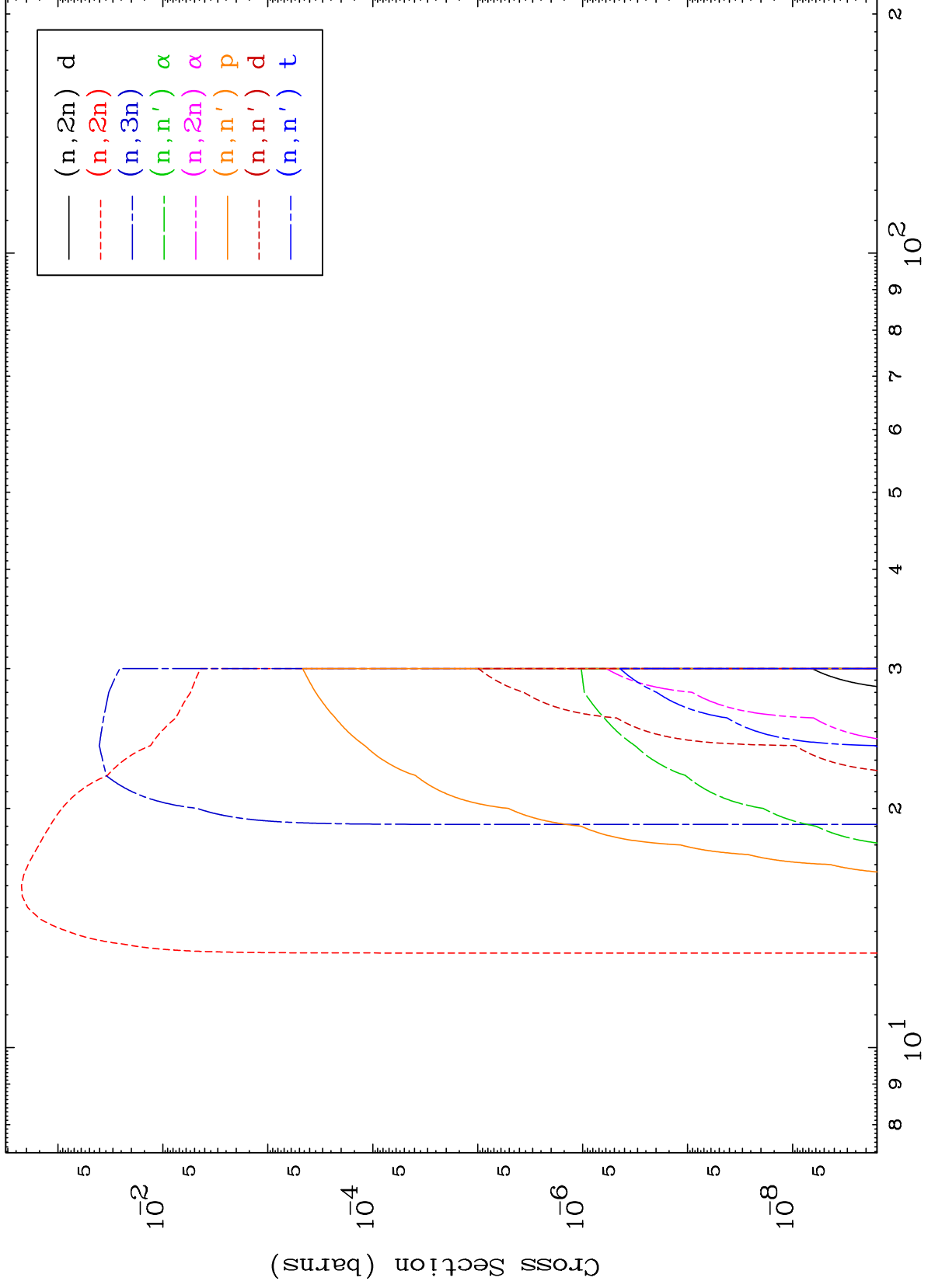
MAT 6170

Photon Major

61-Pm-154

0 Kelvin Cross Sections

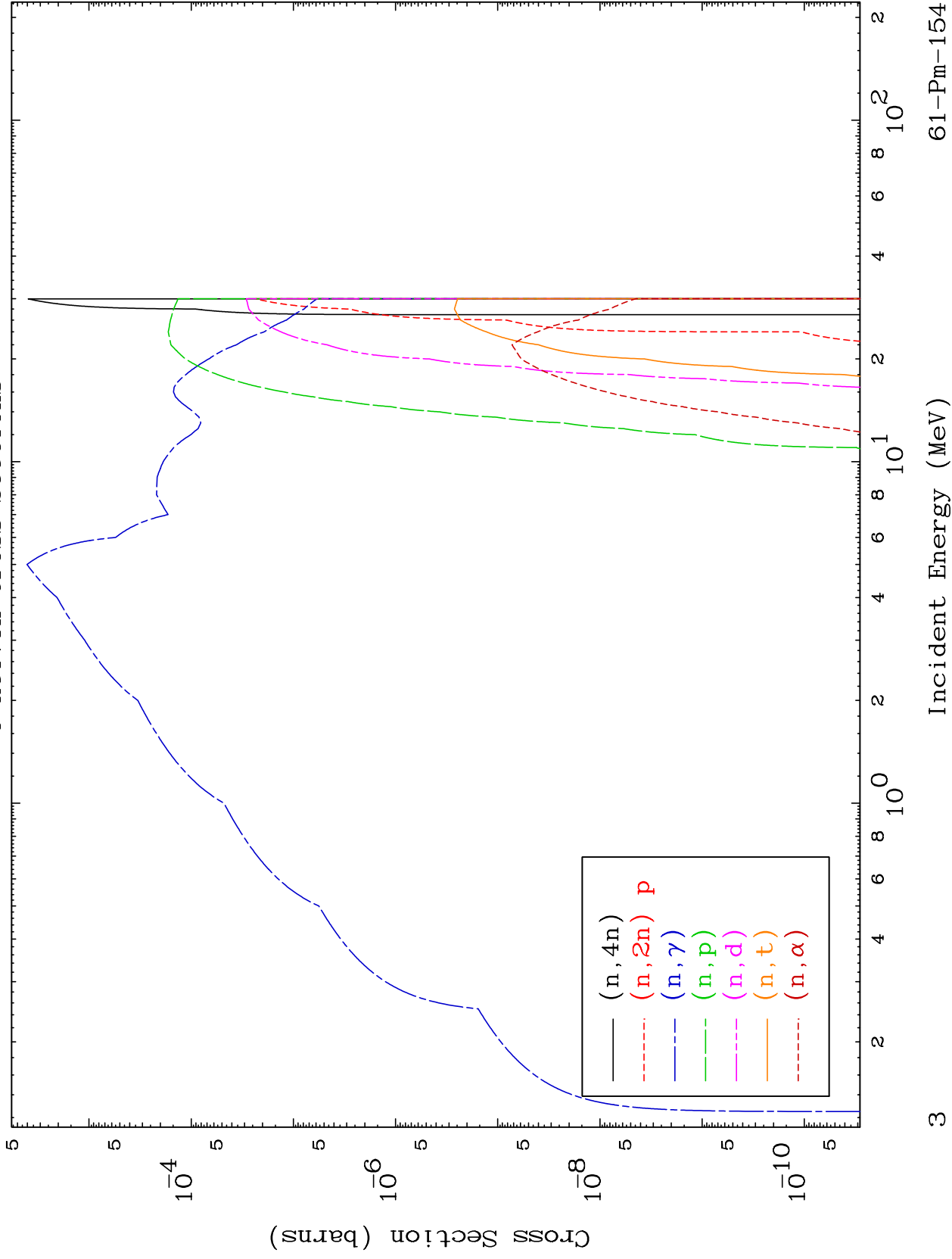




MAT 6170

Photon Neutron Absorption  
0 Kelvin Cross Sections

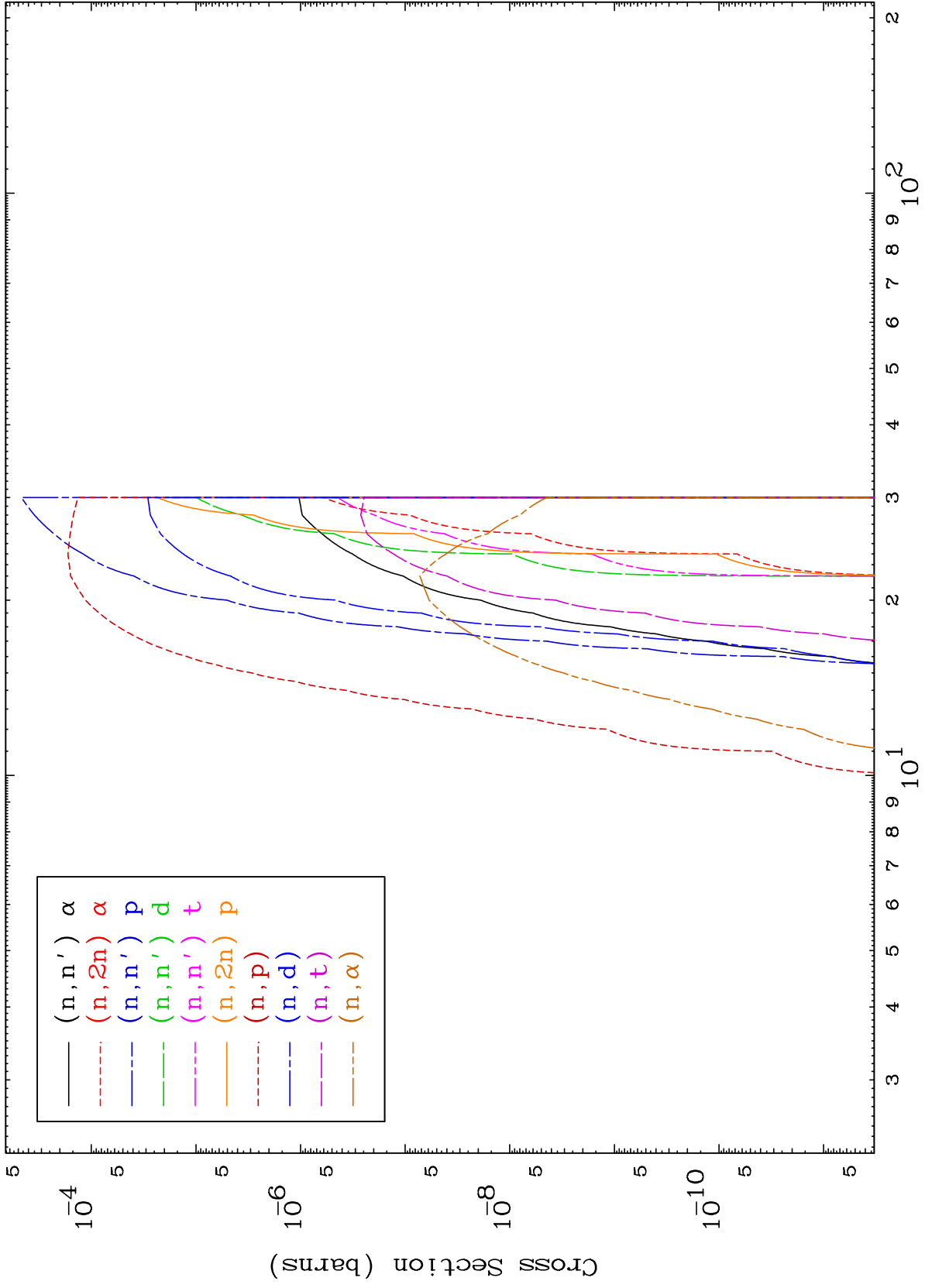
61-Pm-154



MAT 6170

Photon Charged Particle  
0 Kelvin Cross Sections

61-Pm-154

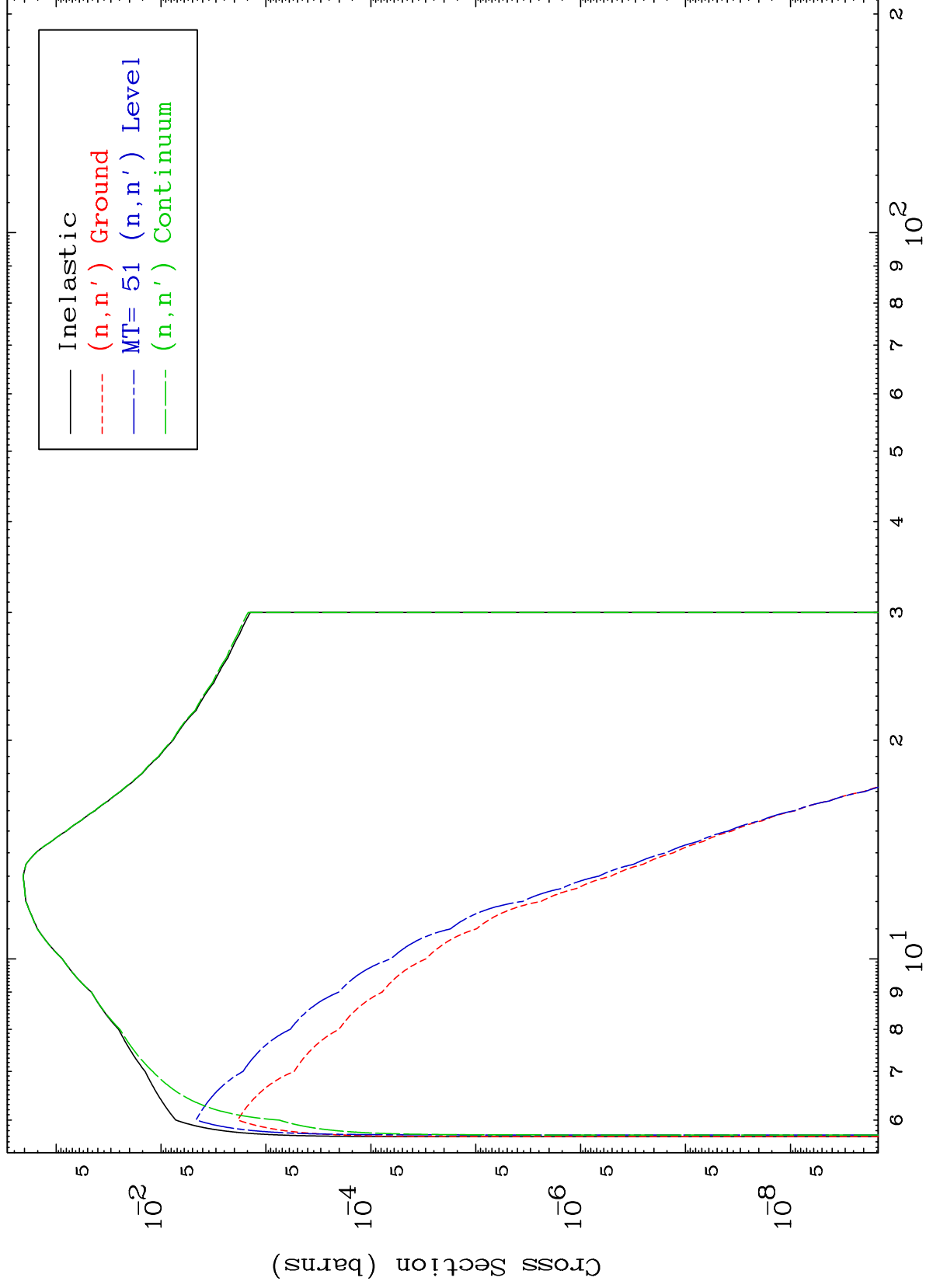


MAT 6170

( $\gamma, n'$ ) Levels

61-Pm-154

0 Kelvin Cross Sections



Incident Energy (MeV)

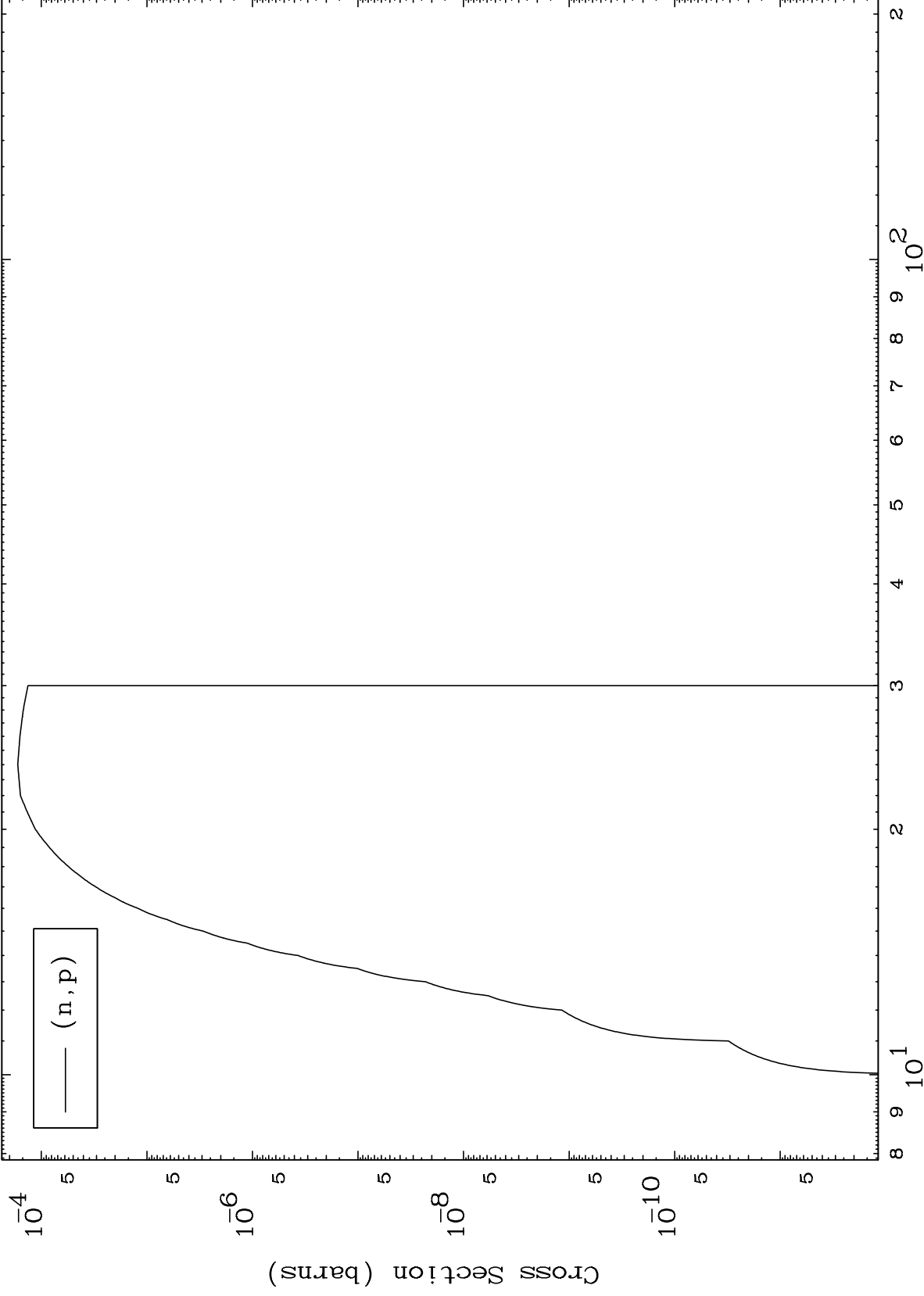
61-Pm-154

5

MAT 6170

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

61-Pm-154



Incident Energy (MeV)

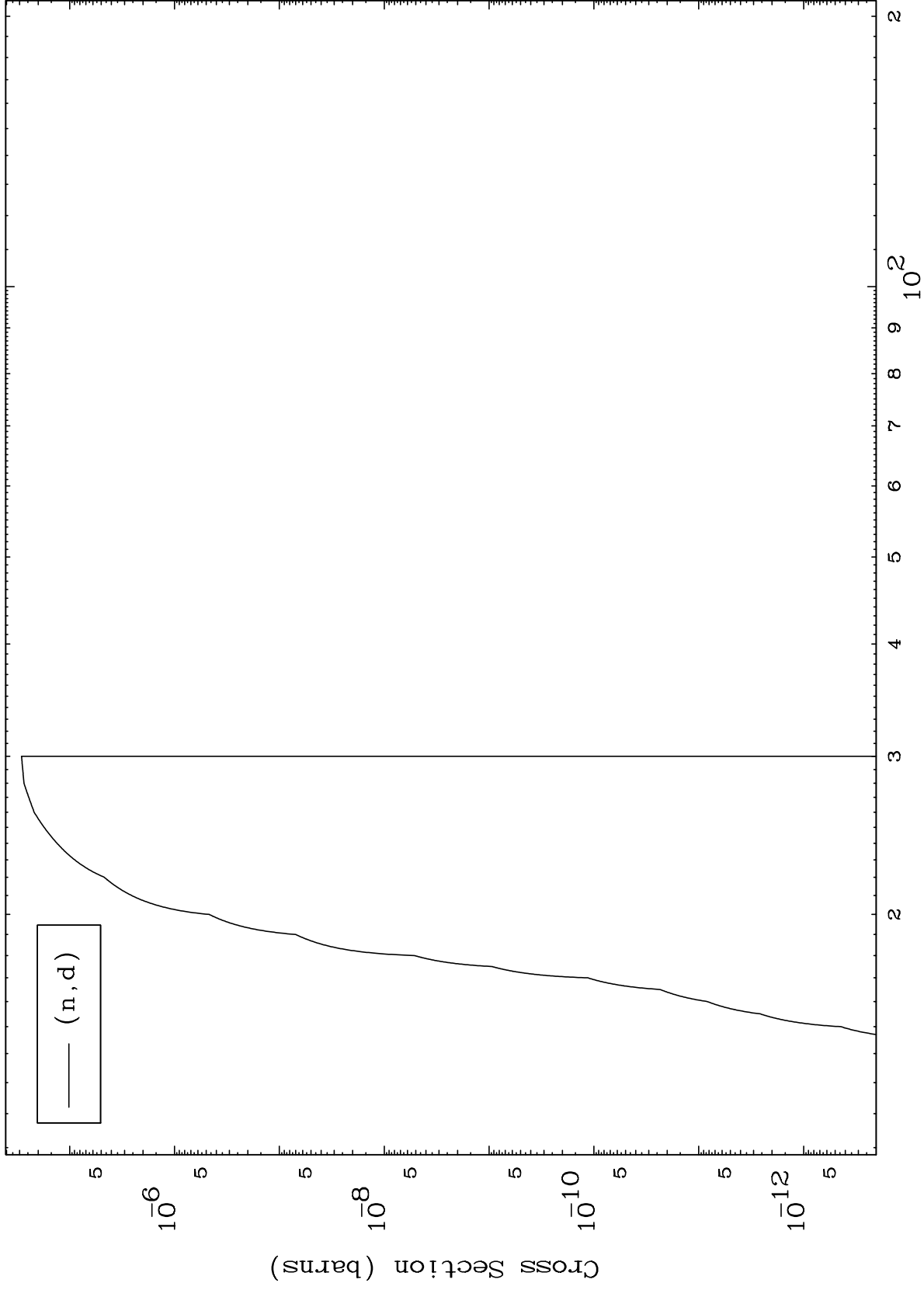
61-Pm-154

6

MAT 6170

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

61-Pm-154

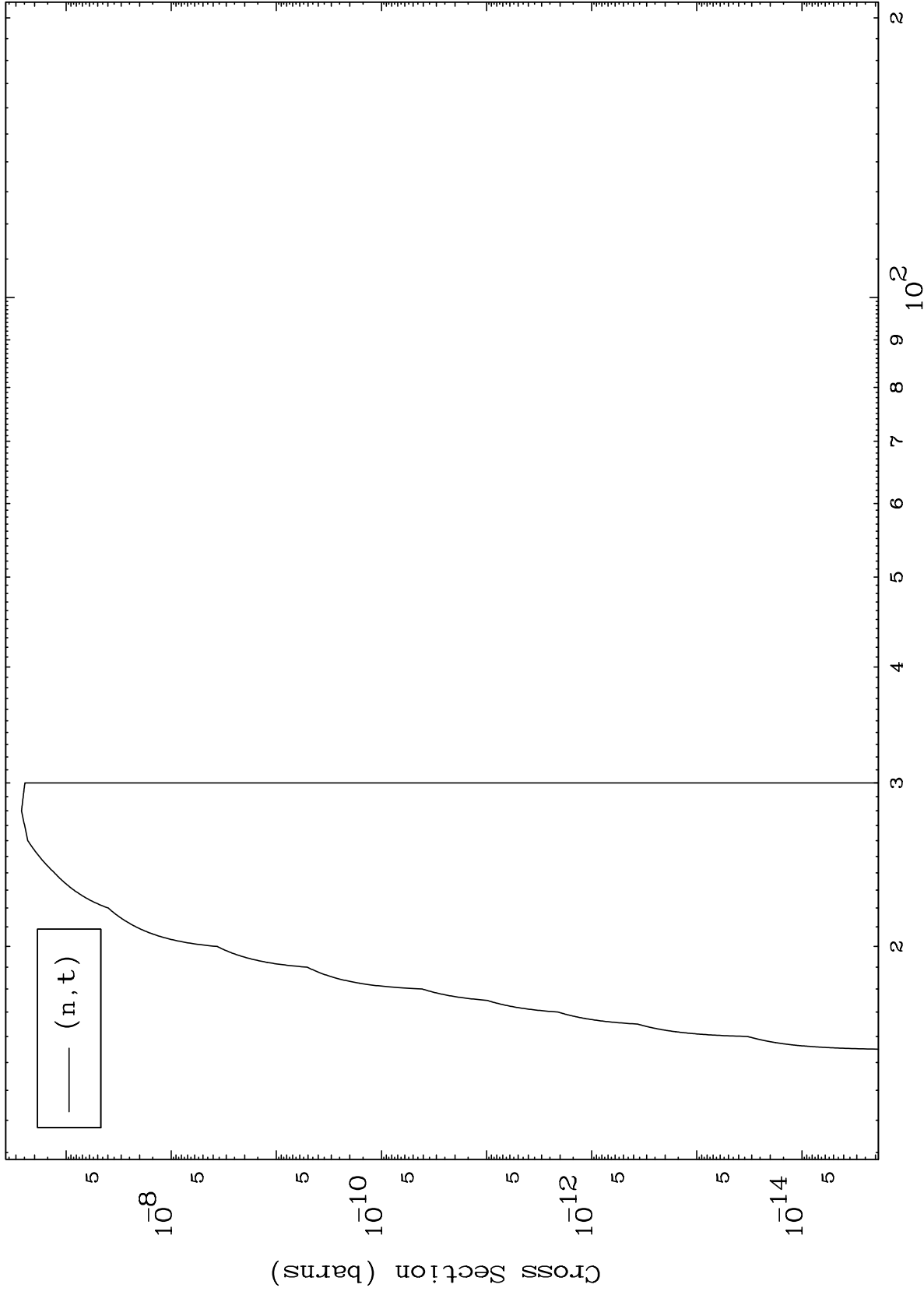


7

Incident Energy (MeV)

61-Pm-154

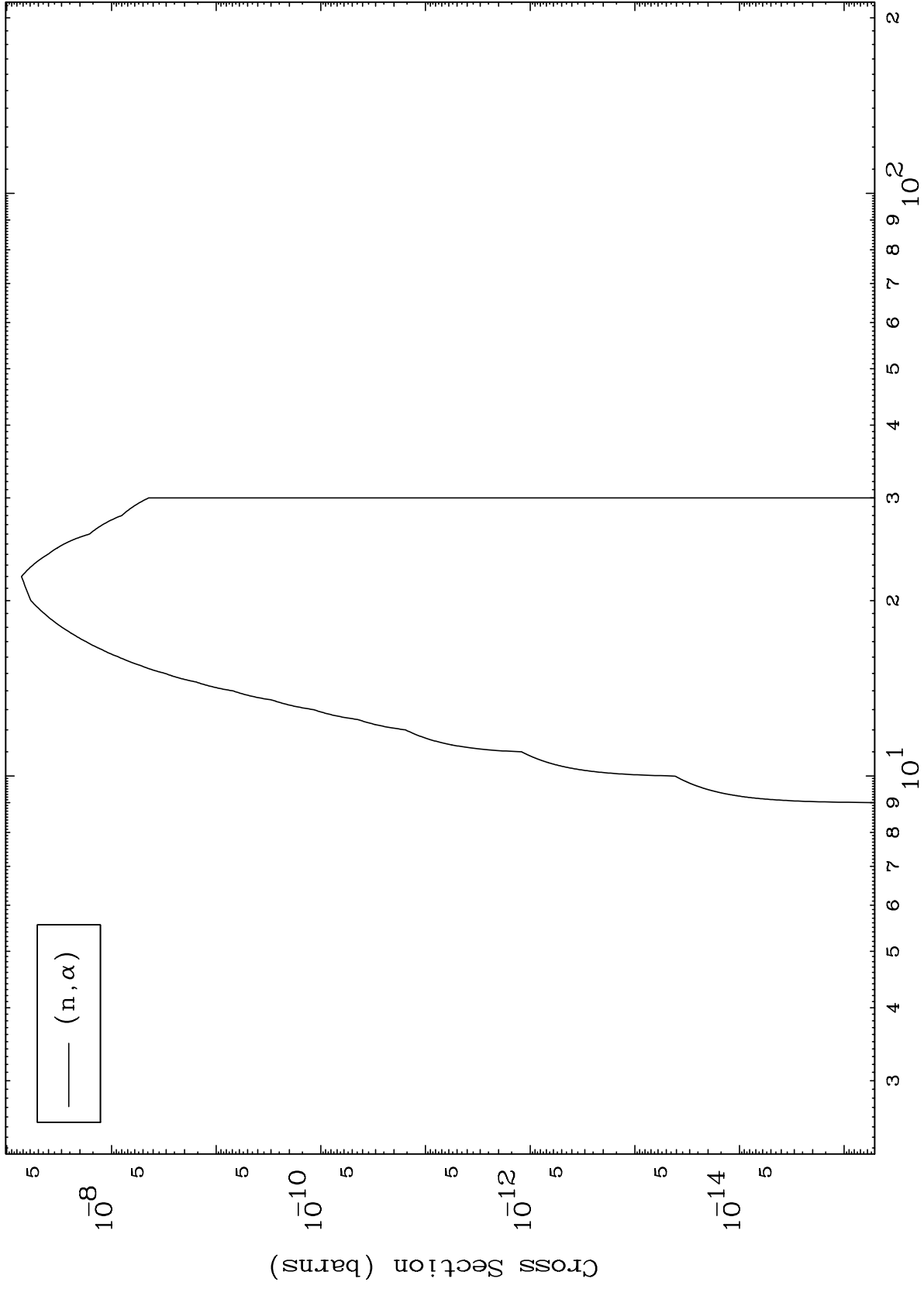




MAT 6170

61-Pm-154

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

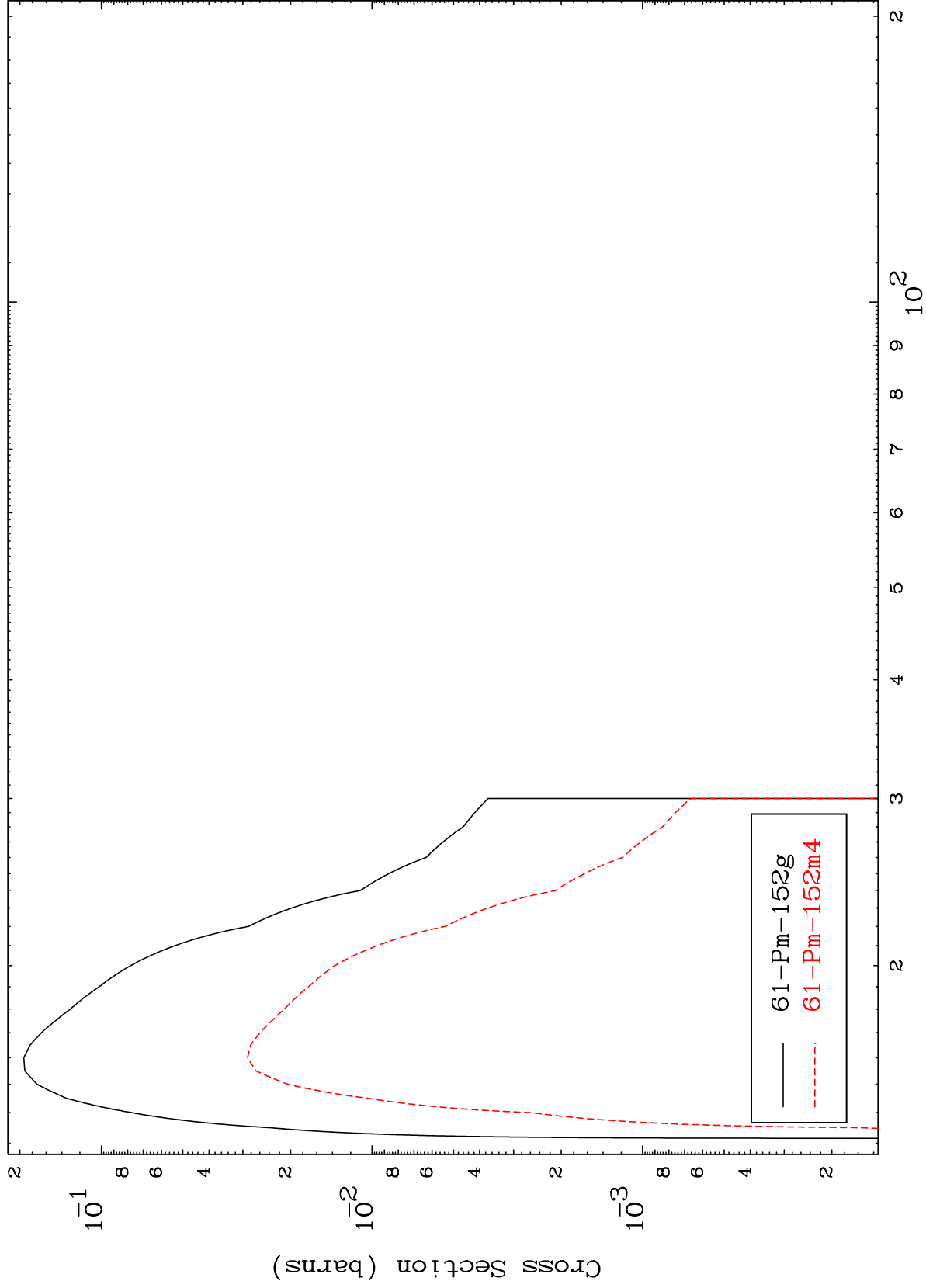


MAT 6170

(n,2n)

61-Pm-154

Radionuclide Production Cross Section



10

Incident Energy (MeV)

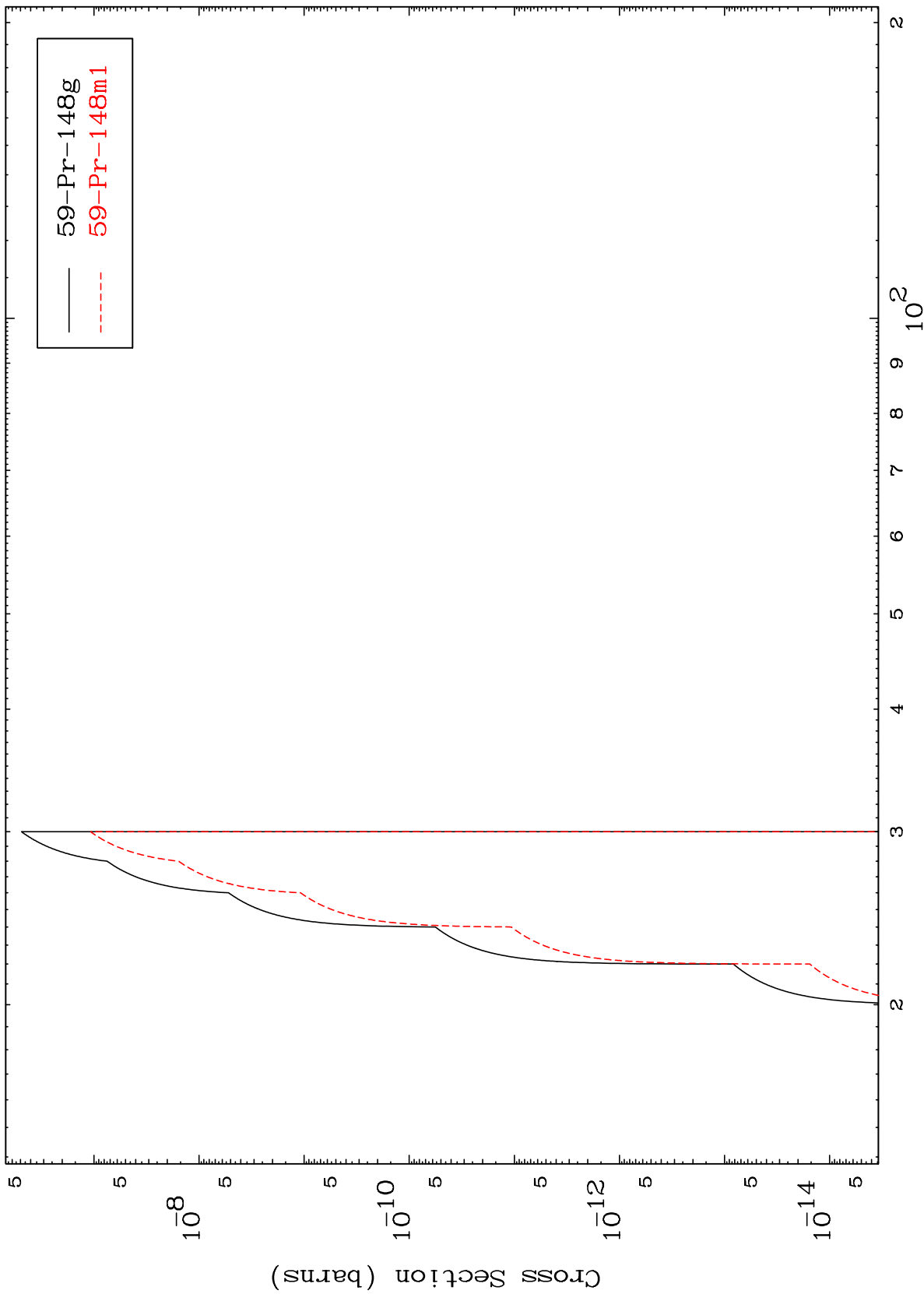
61-Pm-154

MAT 6170

(n,2n)  $\alpha$

61-Pm-154

Radionuclide Production Cross Section



11

Incident Energy (MeV)

61-Pm-154