

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

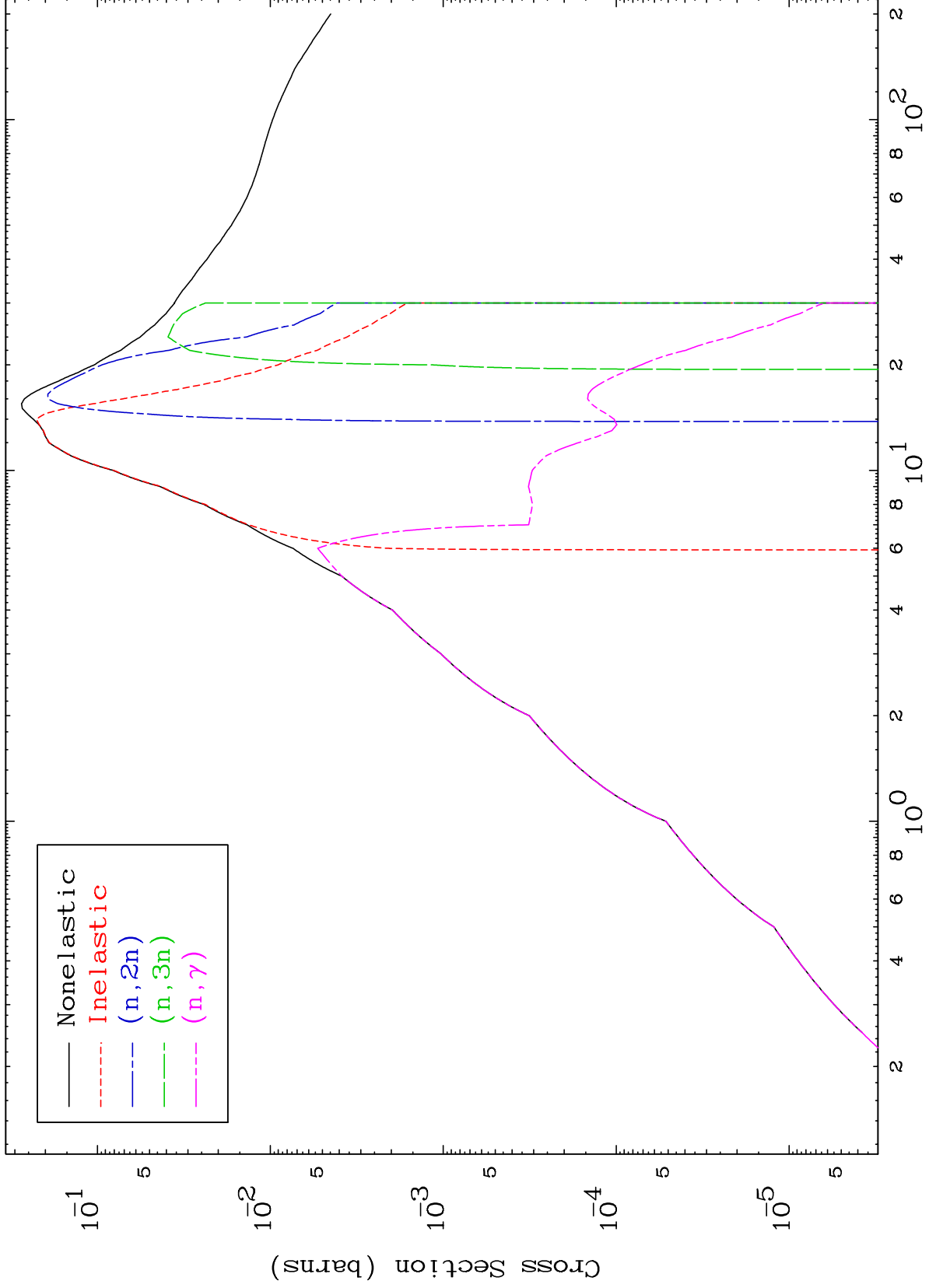
Press Mouse Button to Start

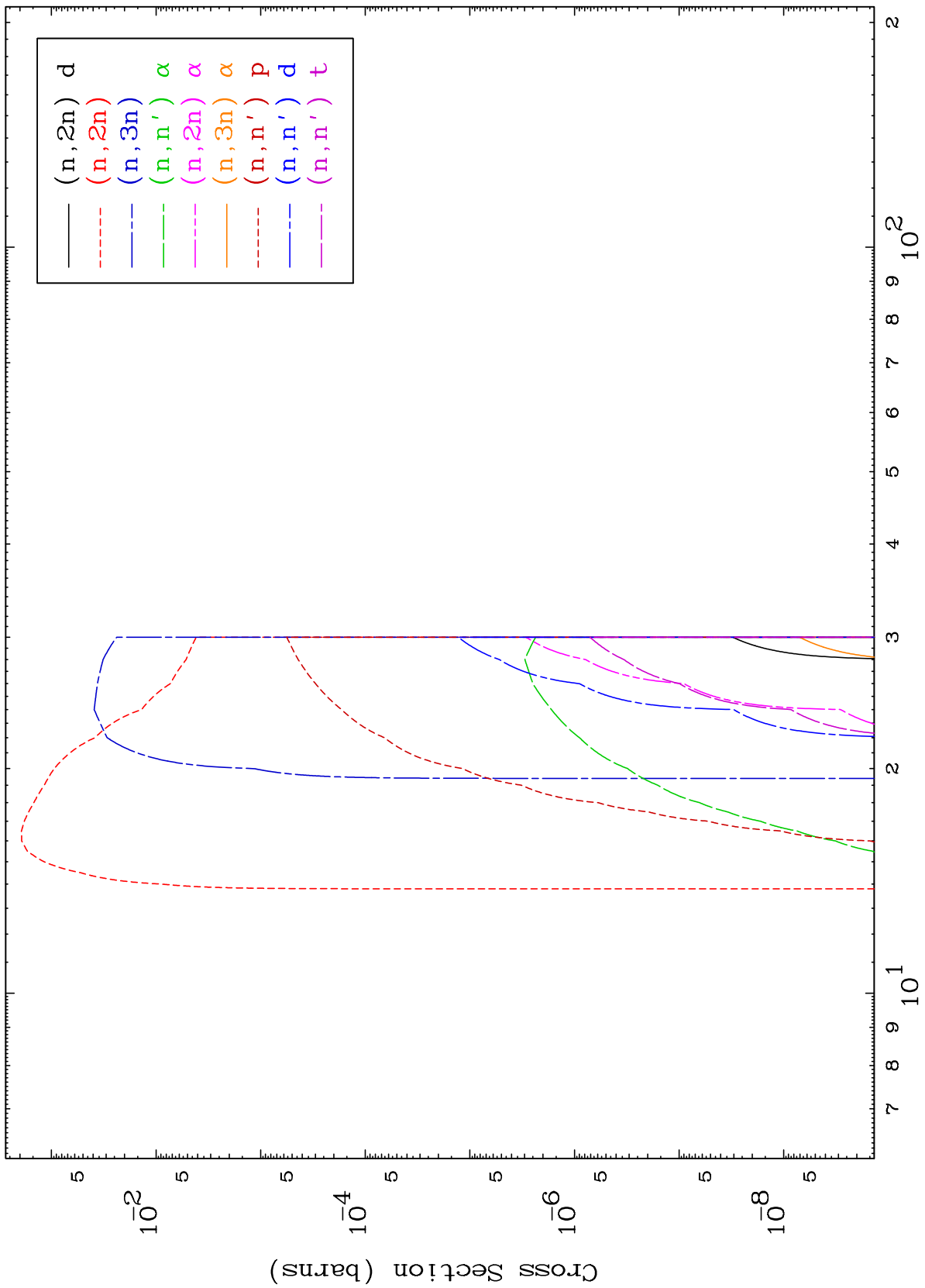
MAT 6164

Photon Major

61-Pm-152

0 Kelvin Cross Sections

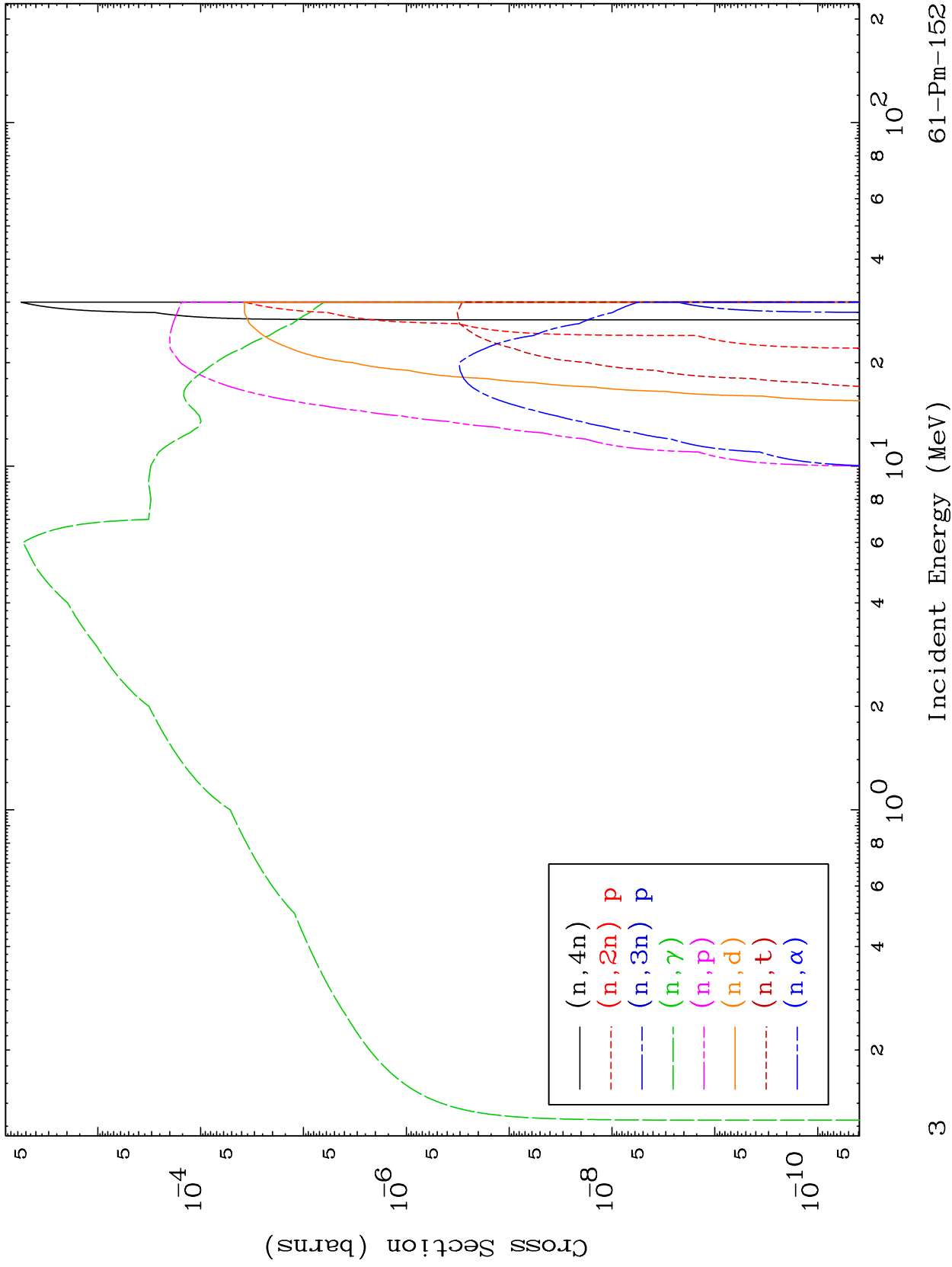


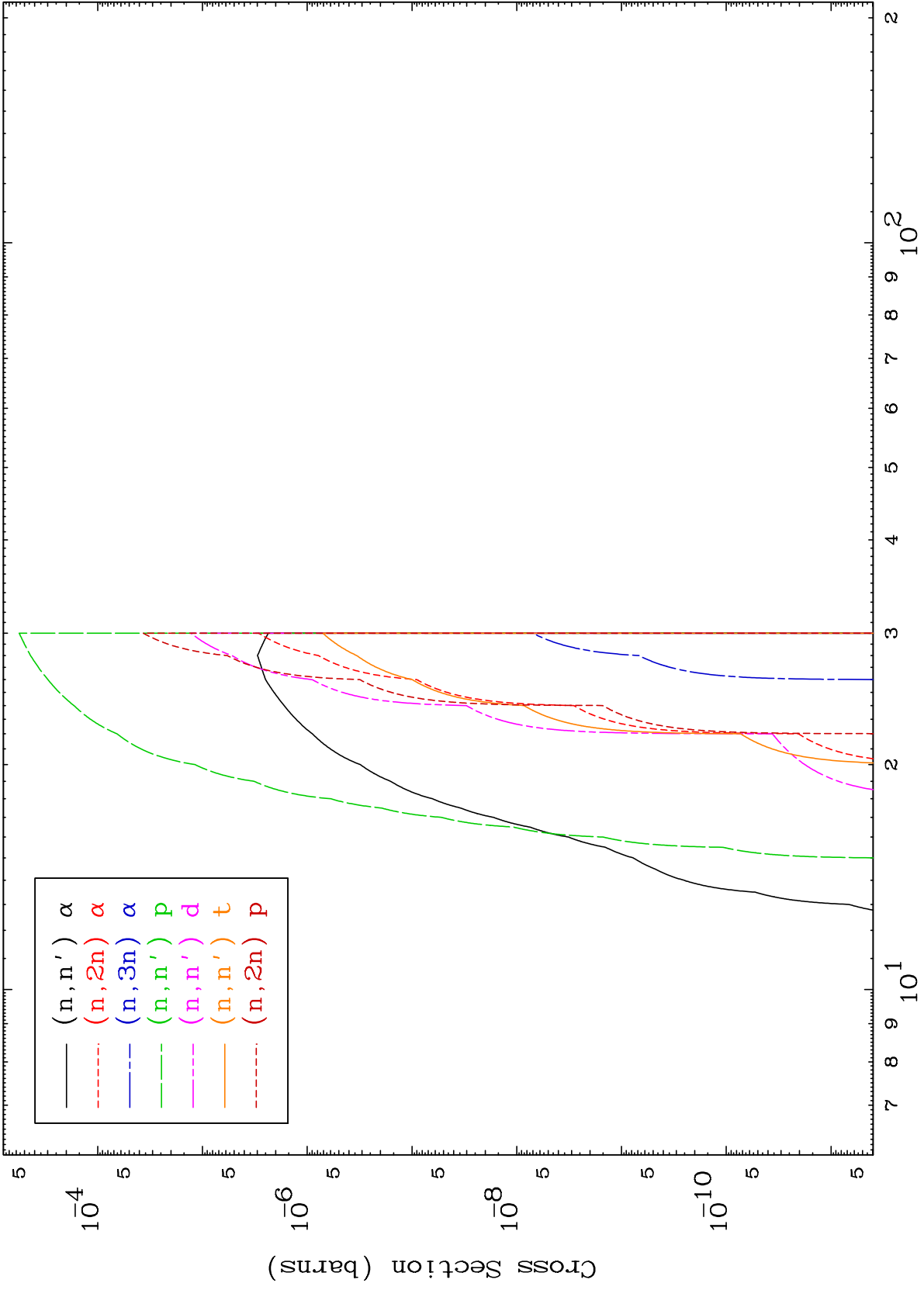


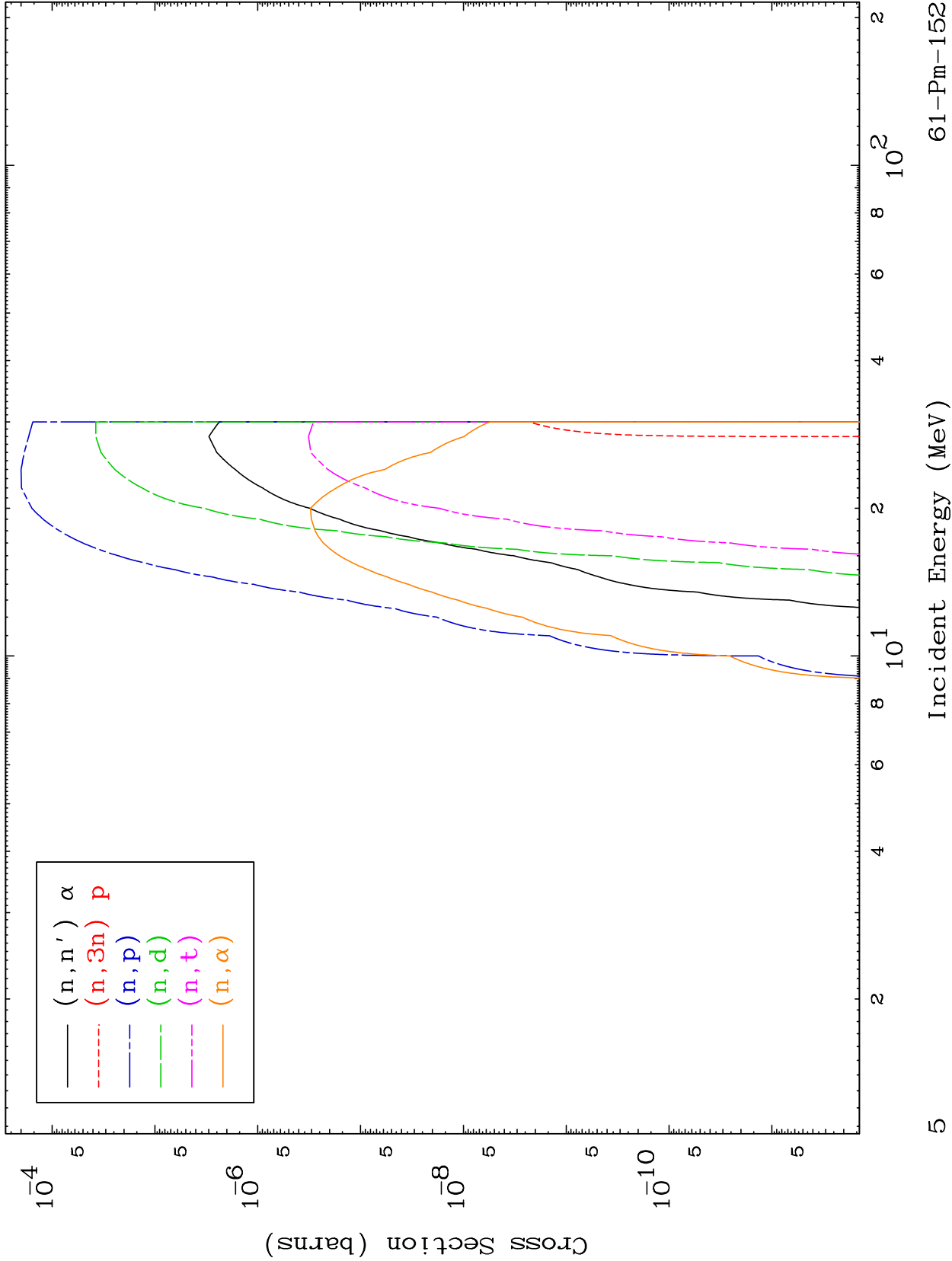
MAT 6164

Photon Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-152



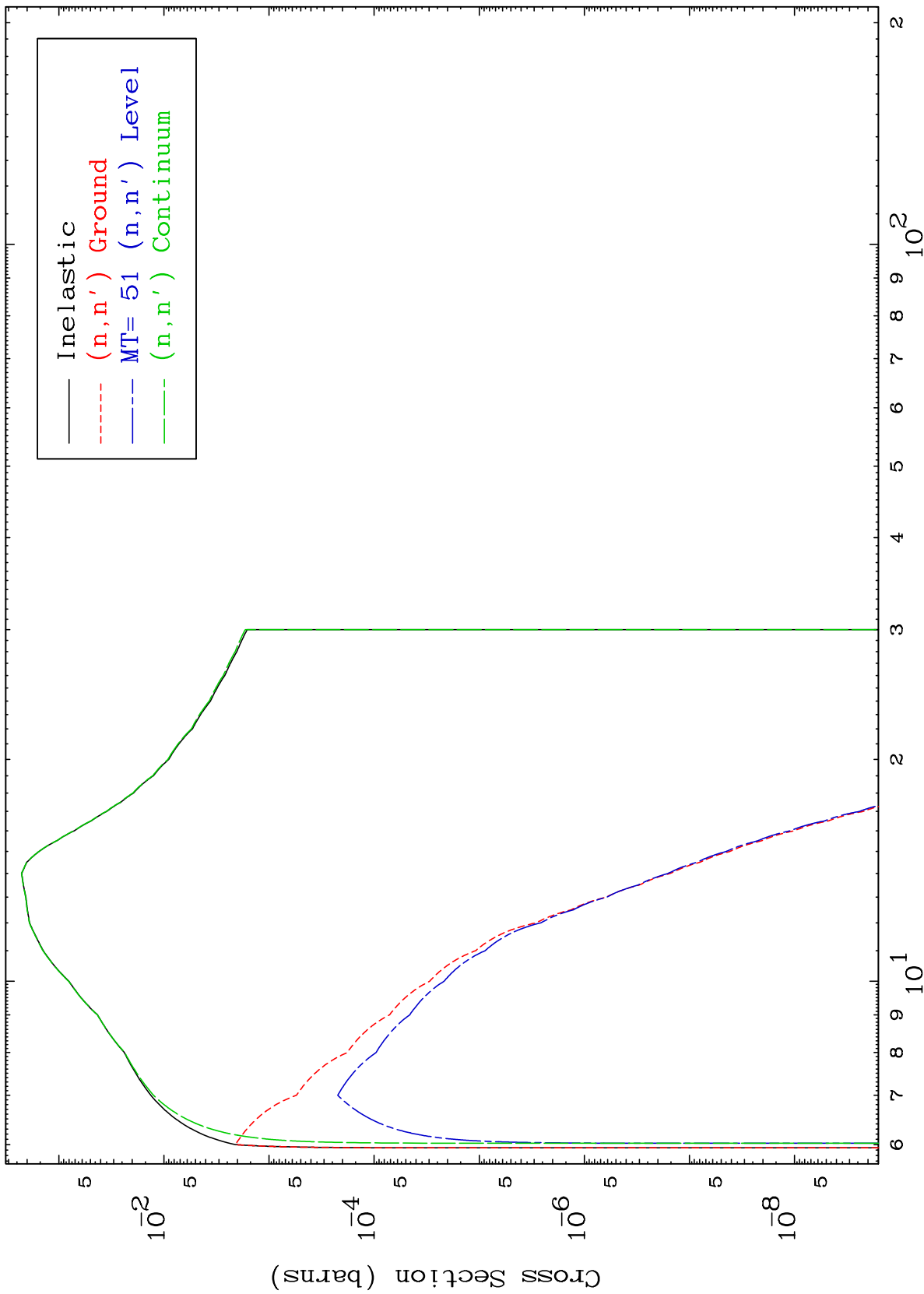




MAT 6164

61-Pm-152

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



61-Pm-152

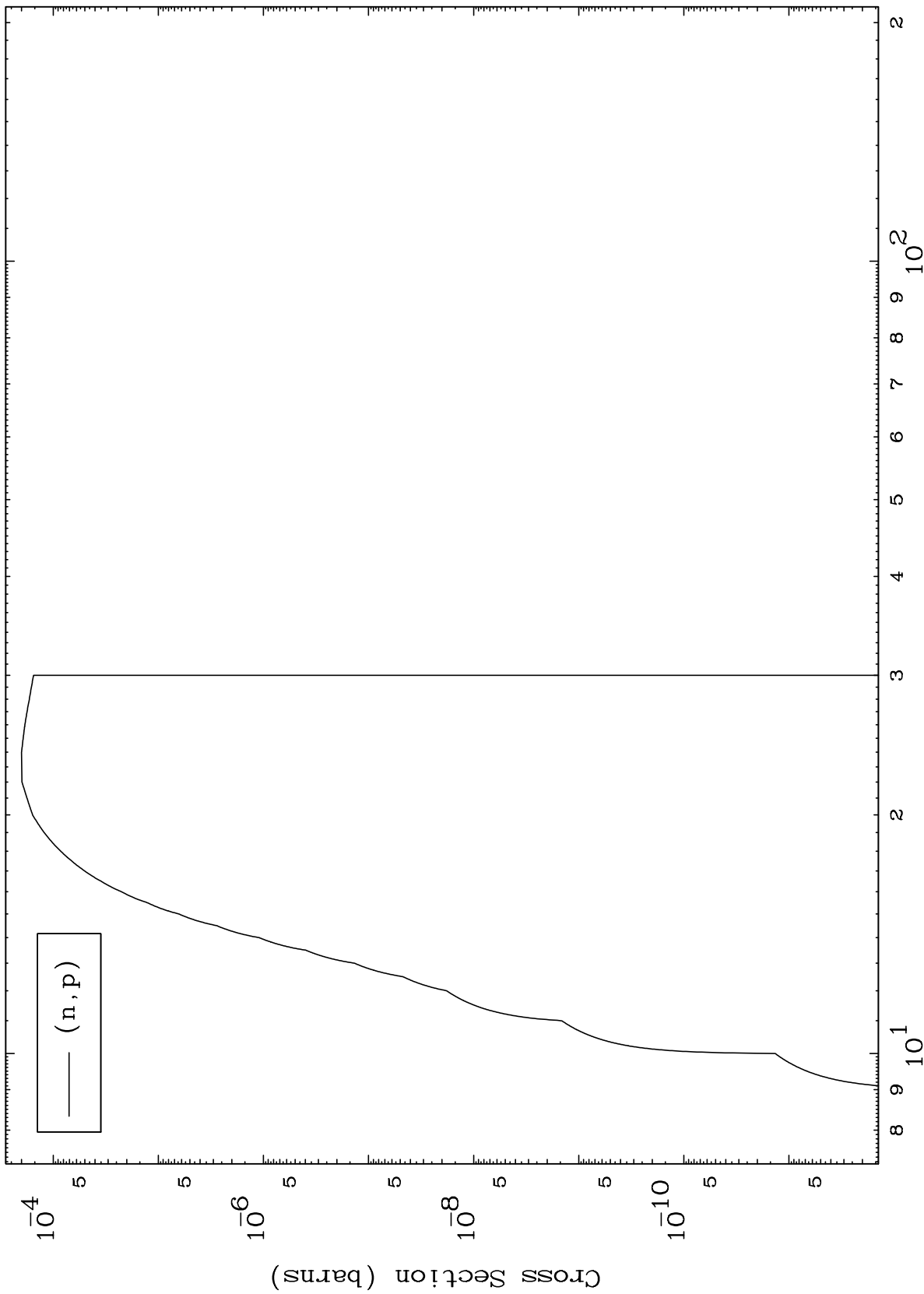
Incident Energy (MeV)

6

MAT 6164

61-Pm-152

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

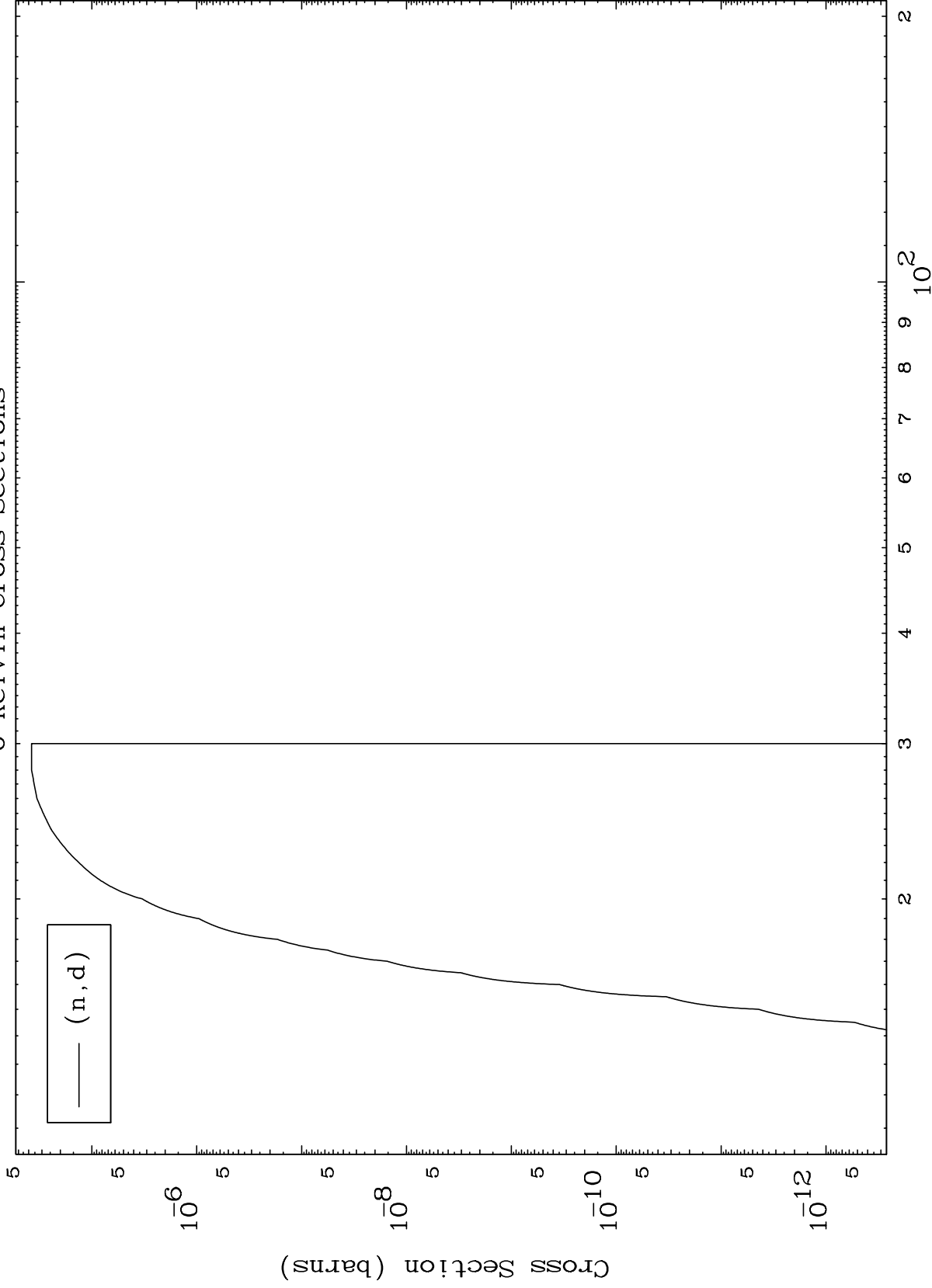


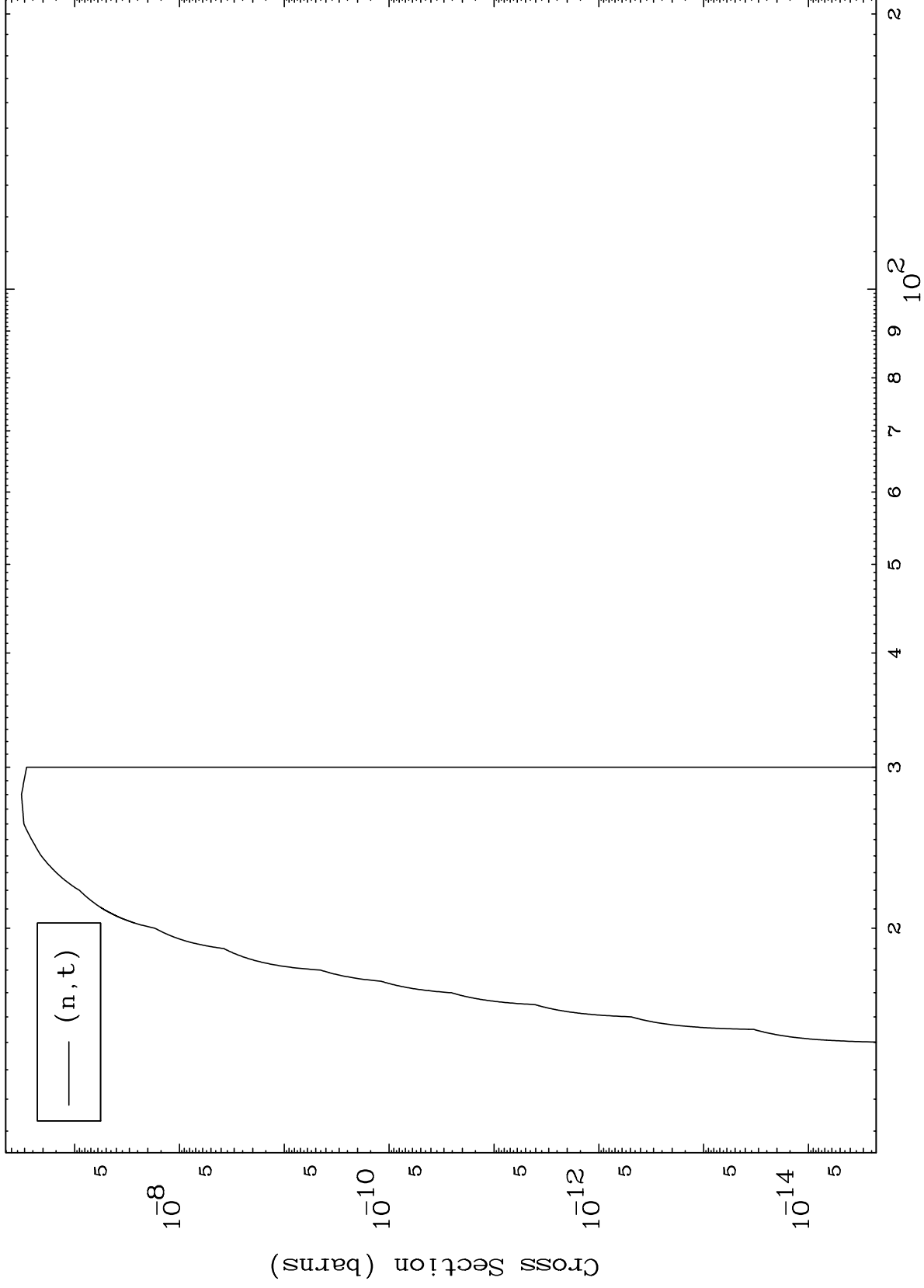
61-Pm-152

Incident Energy (MeV)

7



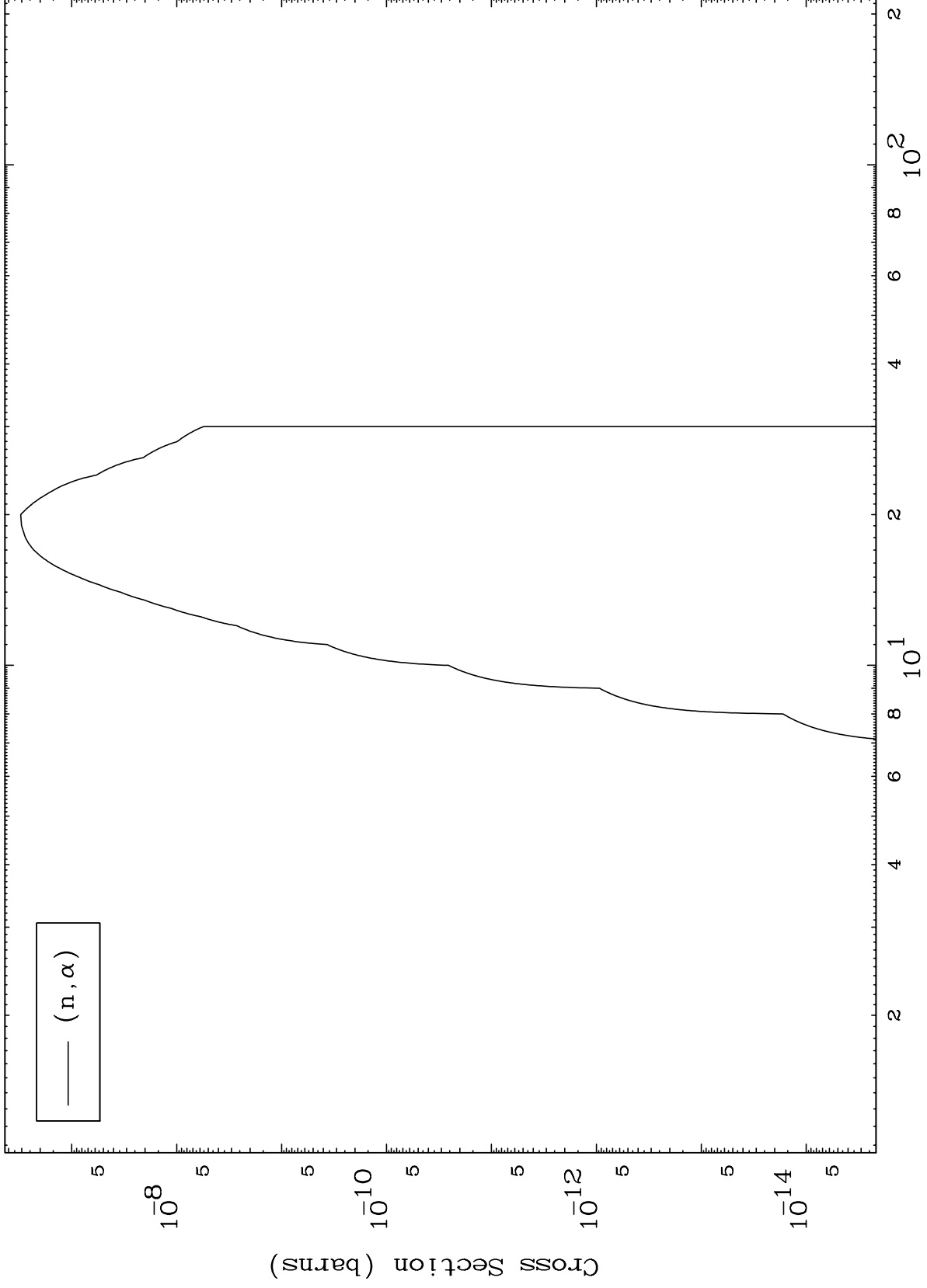




MAT 6164

61-Pm-152

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



10

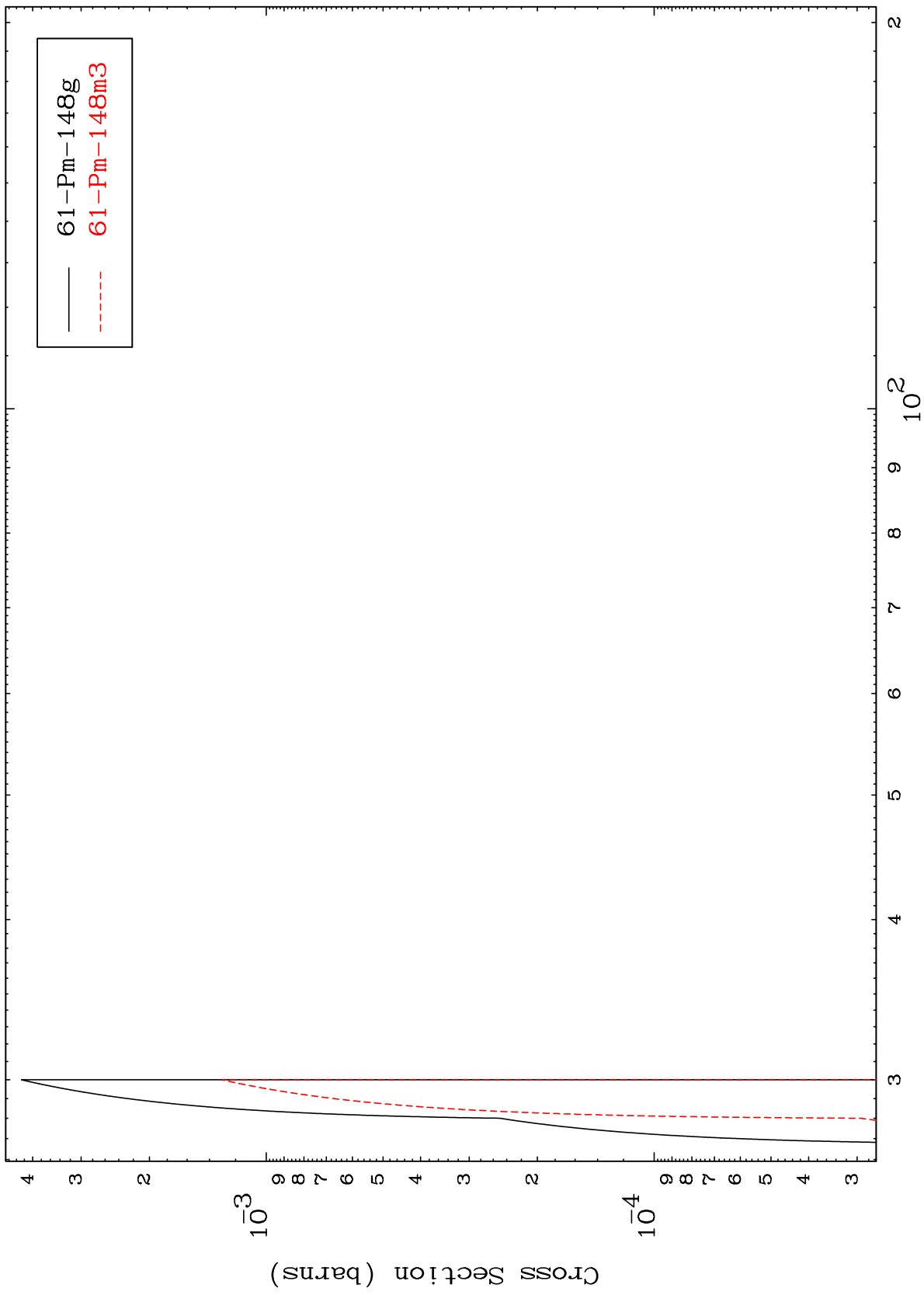
Incident Energy (MeV)

61-Pm-152

MAT 6164

61-Pm-152

(n,4n)  
Radionuclide Production Cross Section



11

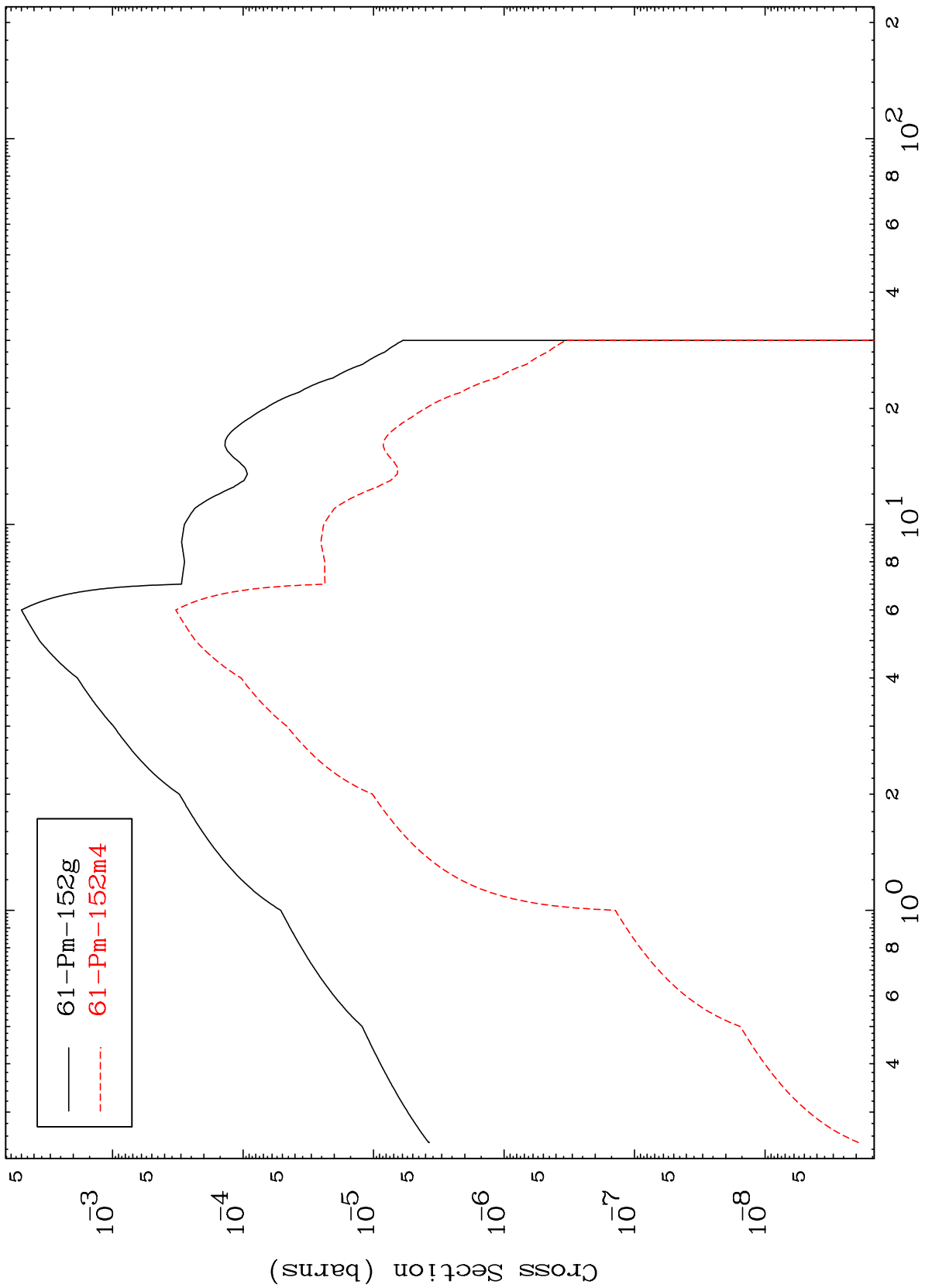
61-Pm-152

Incident Energy (MeV)

MAT 6164

61-Pm-152

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



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

12

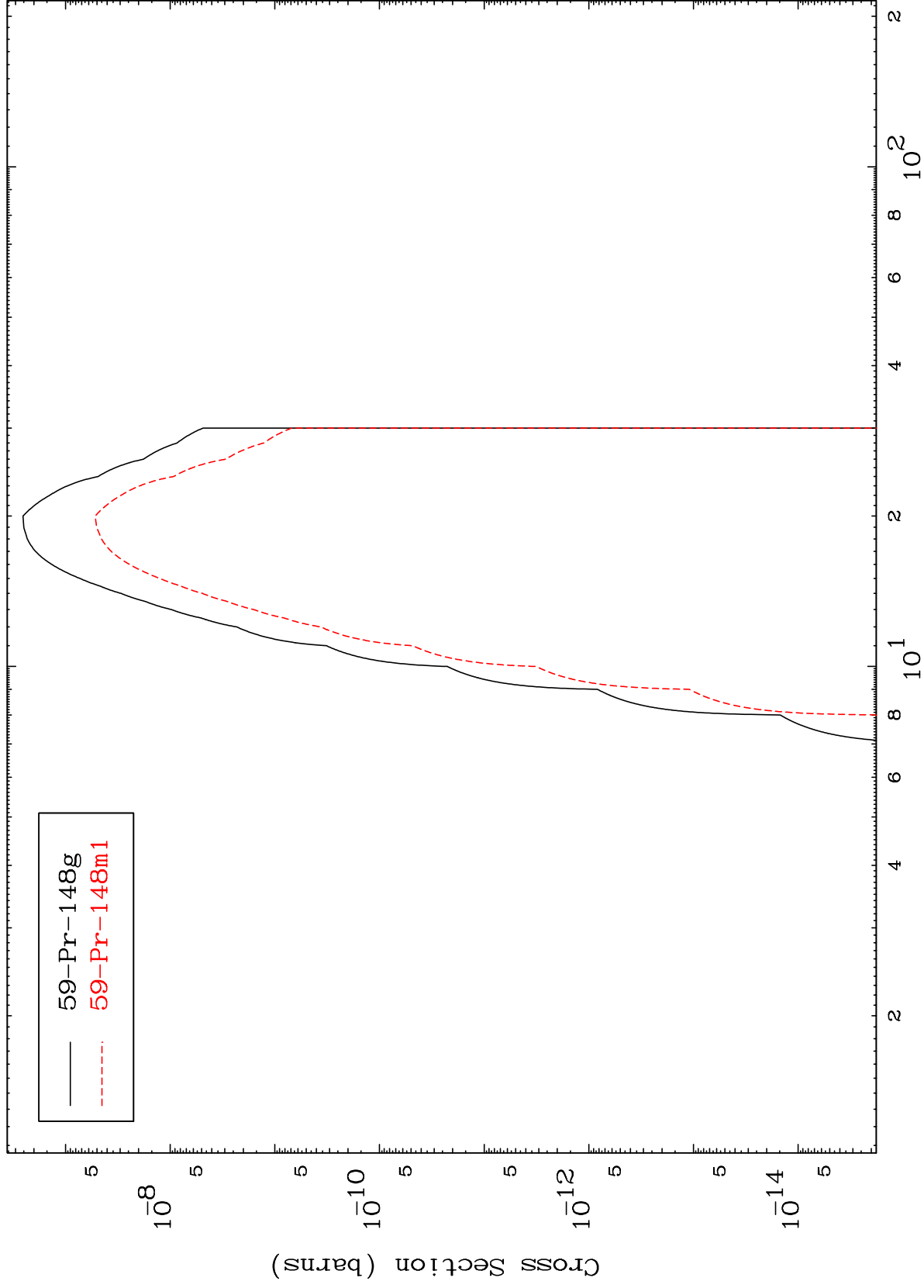
Incident Energy (MeV)

61-Pm-152

MAT 6164

61-Pm-152

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



13

Incident Energy (MeV)

61-Pm-152