

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

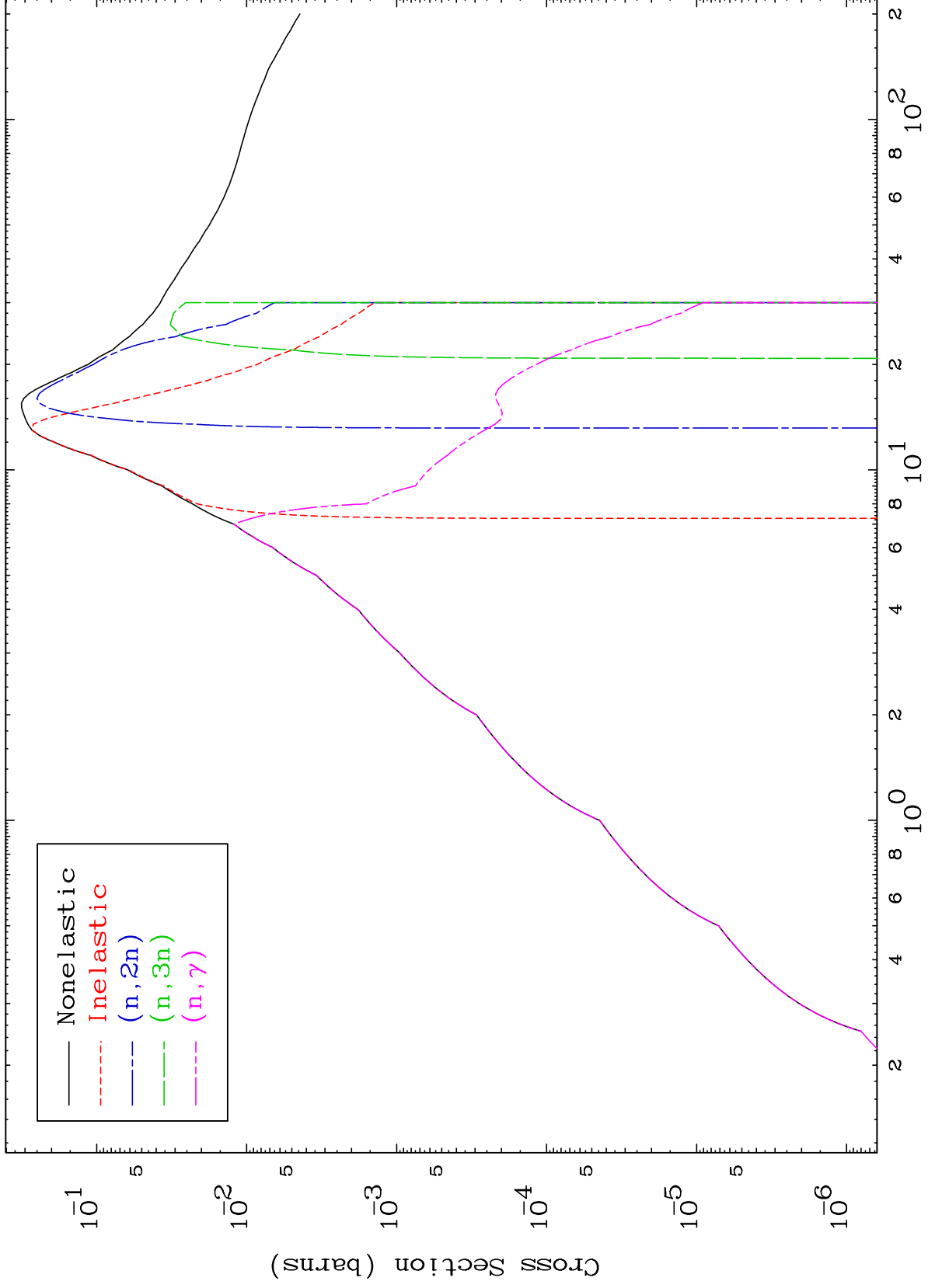
Web:redcullen1.net/HOMEPAGE.NEW

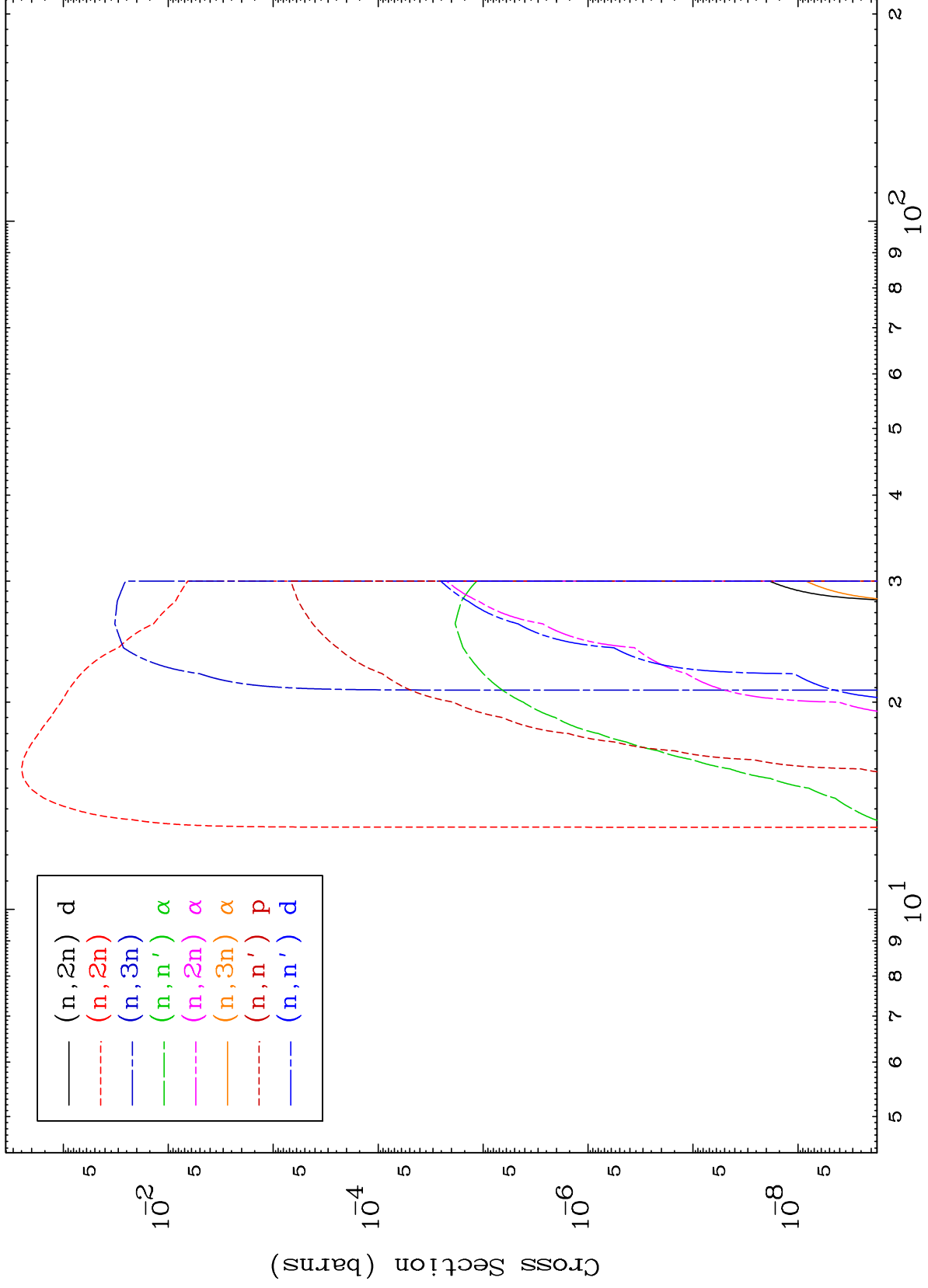
Press Mouse Button to Start

MAT 6155

Photon Major  
0 Kelvin Cross Sections

61-Pm-149

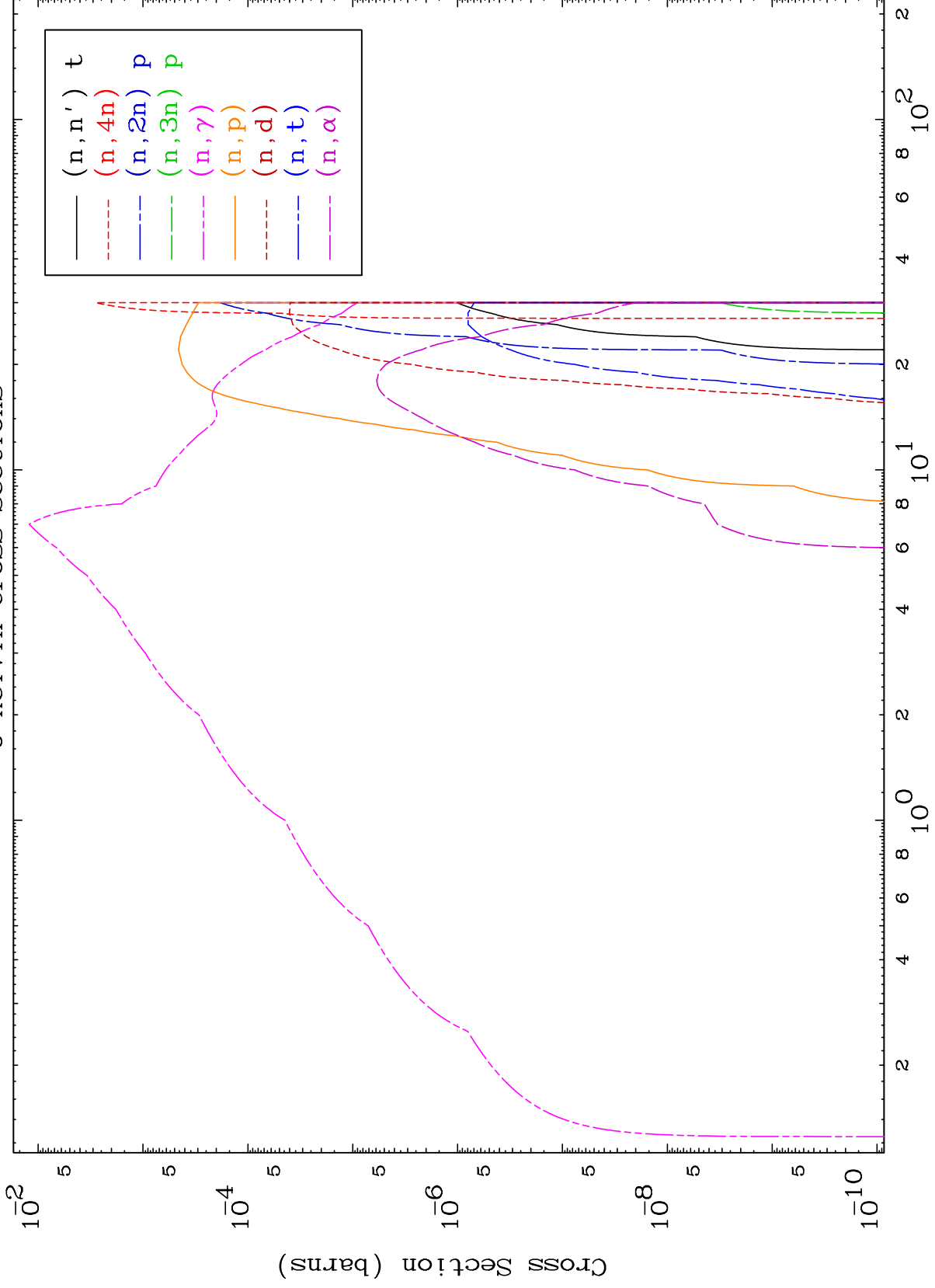




MAT 6155

Photon Neutron Absorption  
0 Kelvin Cross Sections

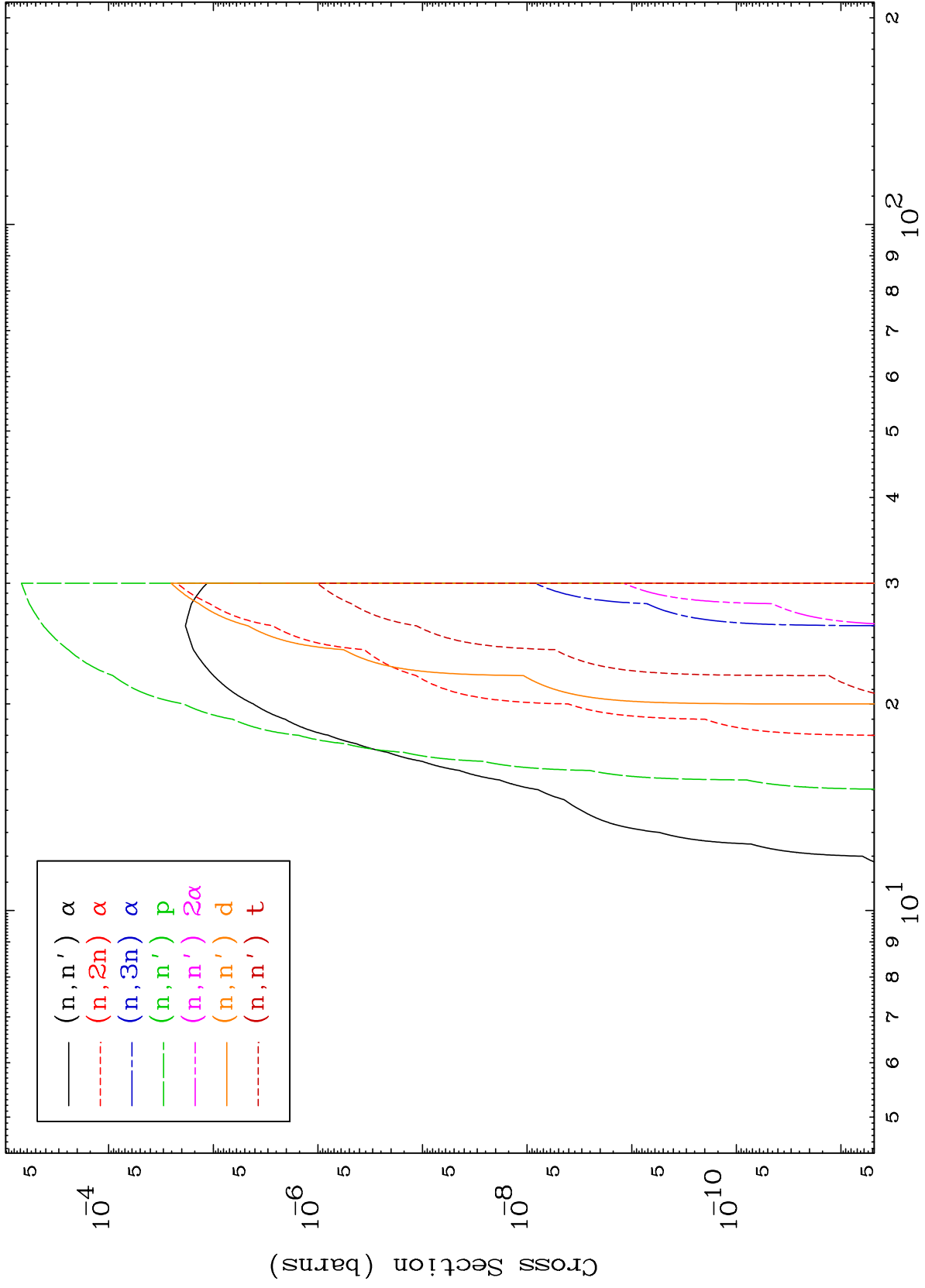
61-Pm-149

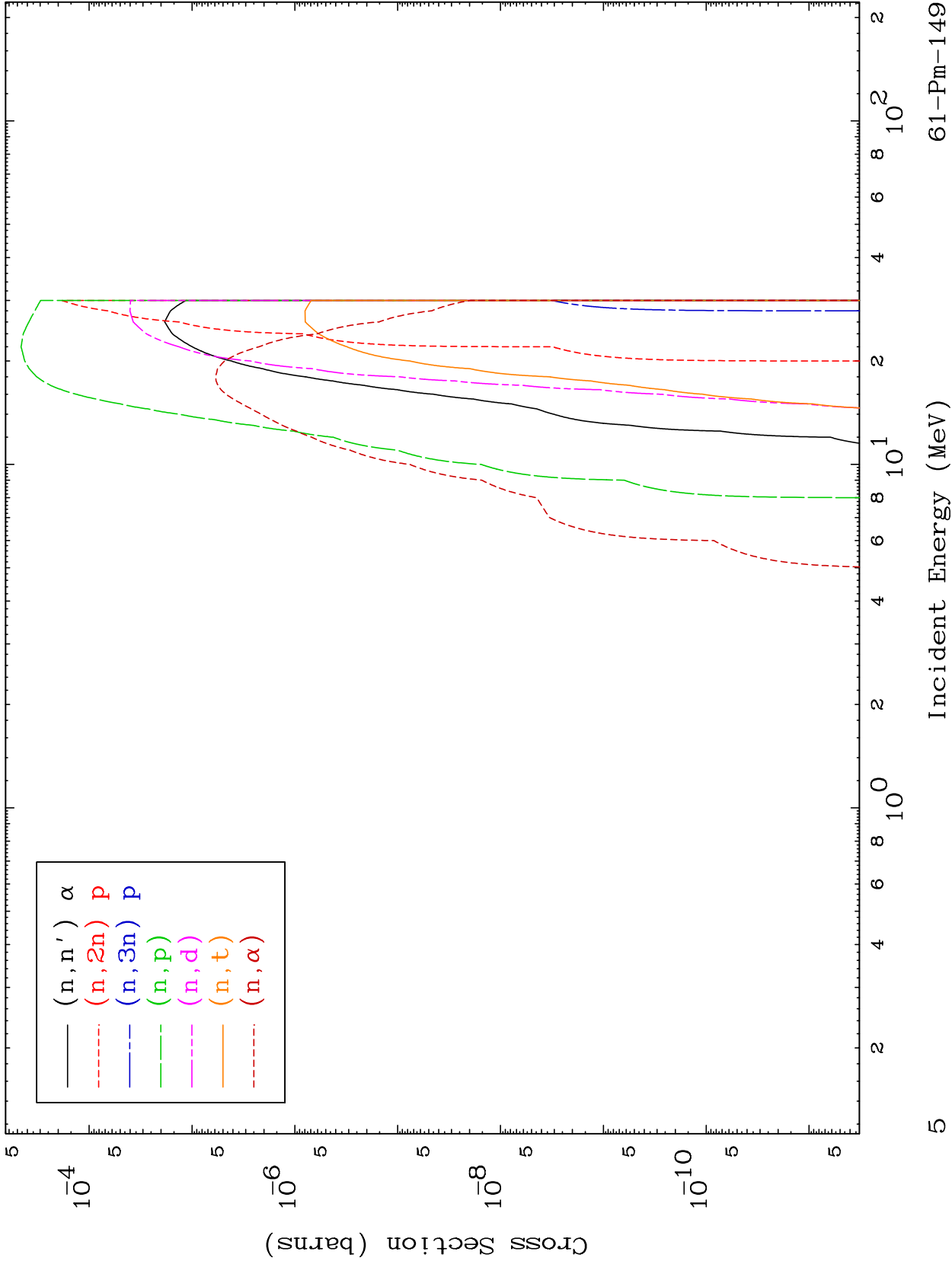


MAT 6155

Photon Charged Particle  
0 Kelvin Cross Sections

61-Pm-149



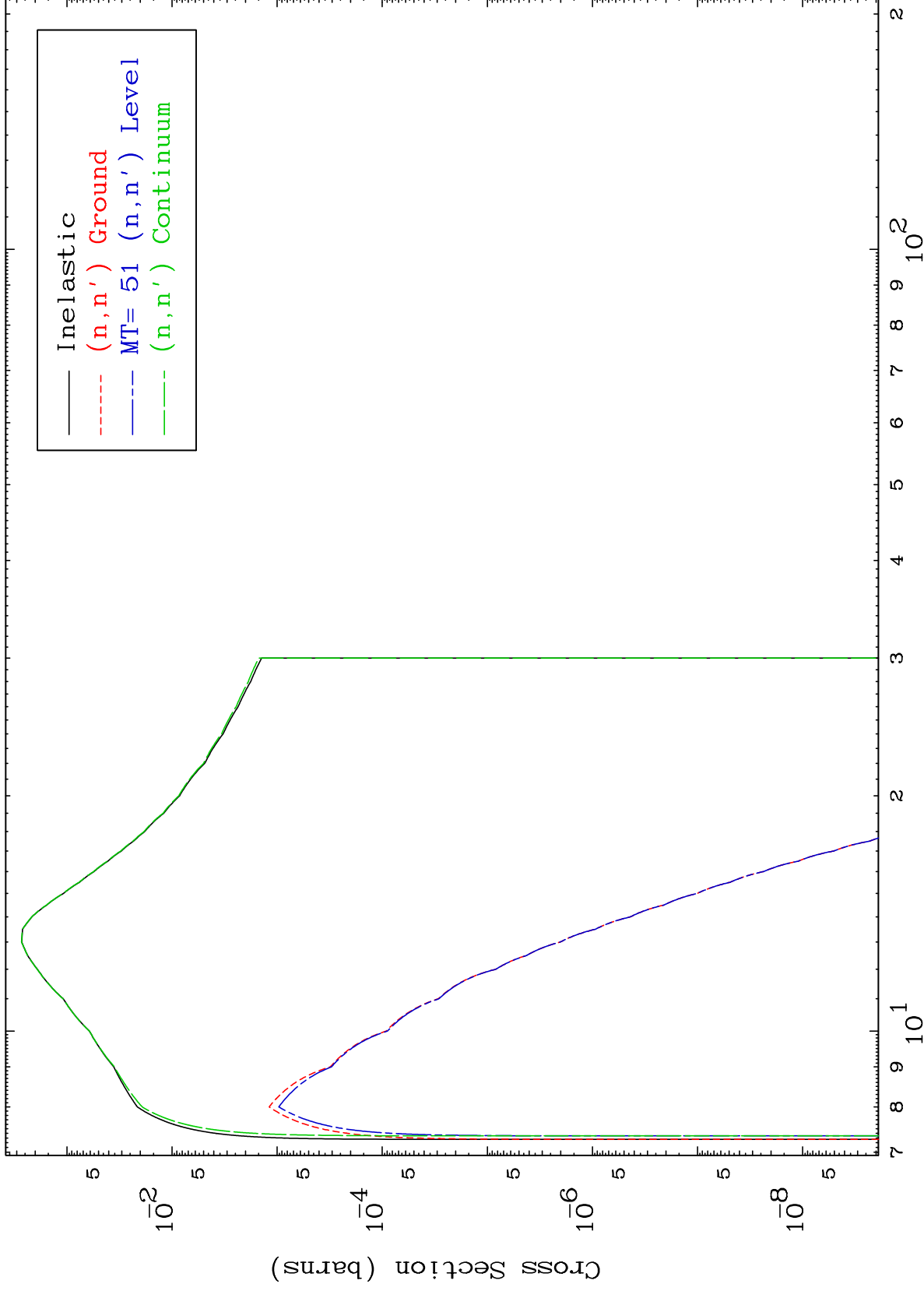


MAT 6155

( $\gamma, n'$ ) Levels

61-Pm-149

0 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-149

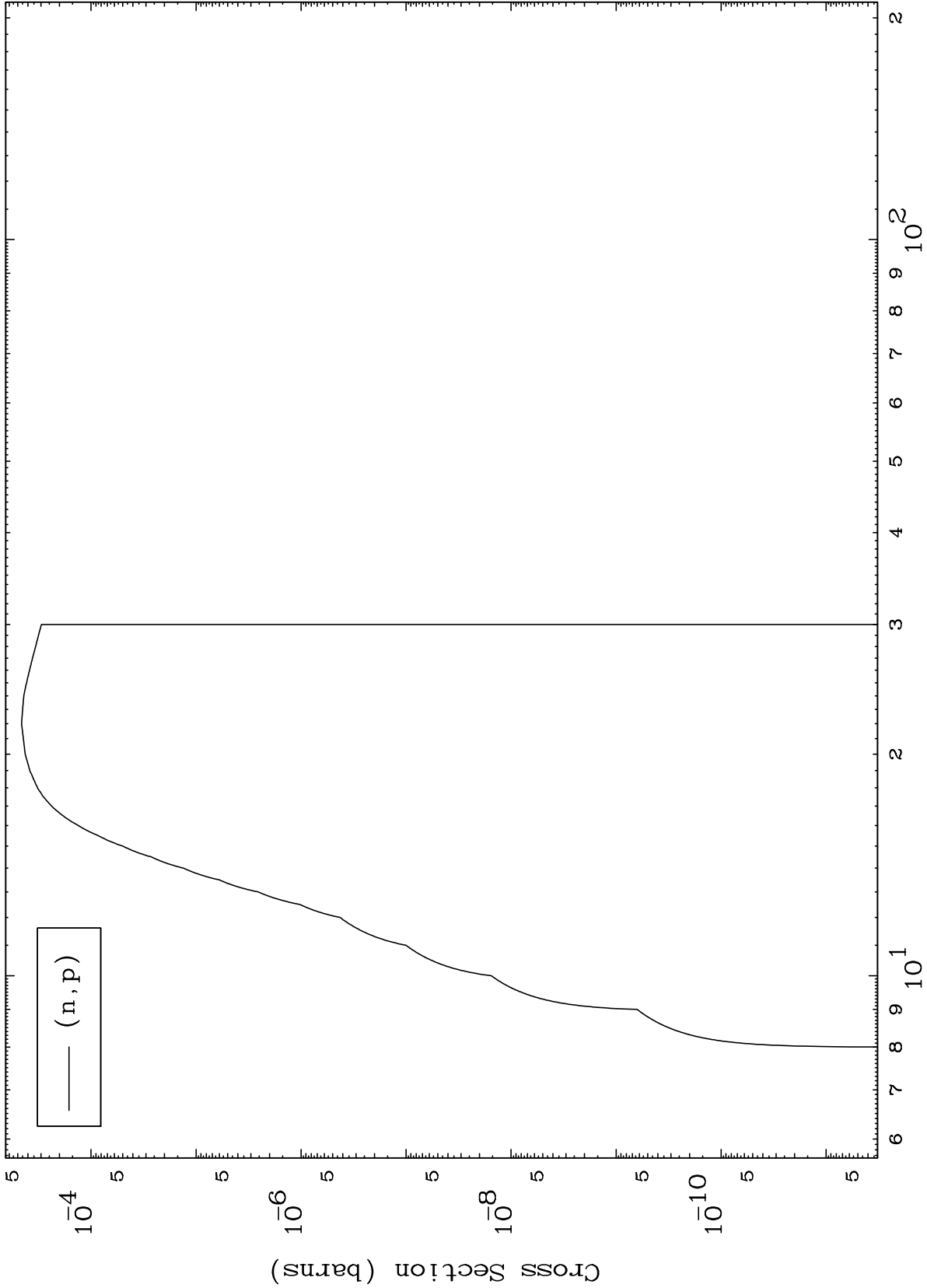
6

MAT 6155

( $\gamma, p$ ) Levels

61-Pm-149

0 Kelvin Cross Sections



7

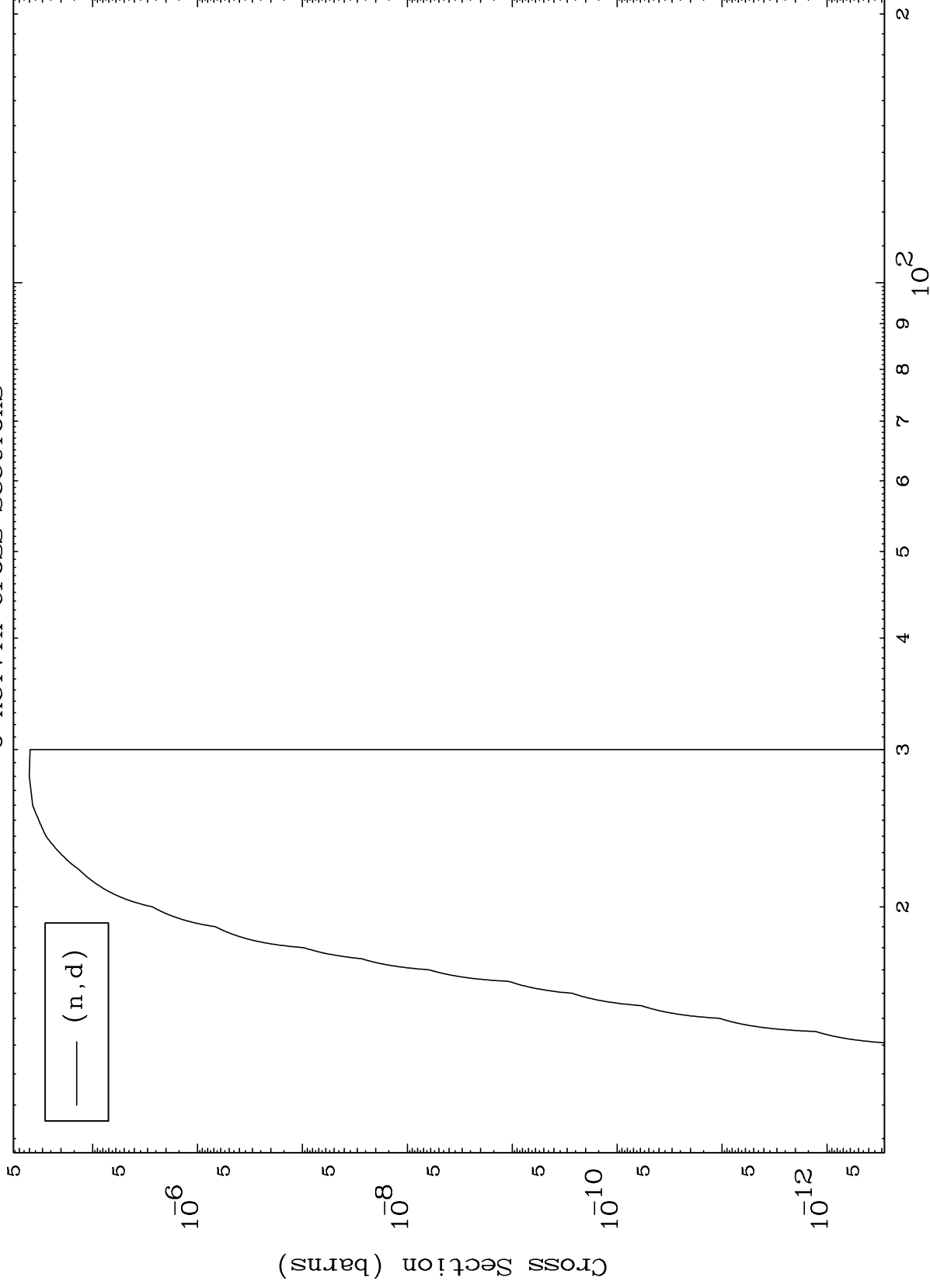
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

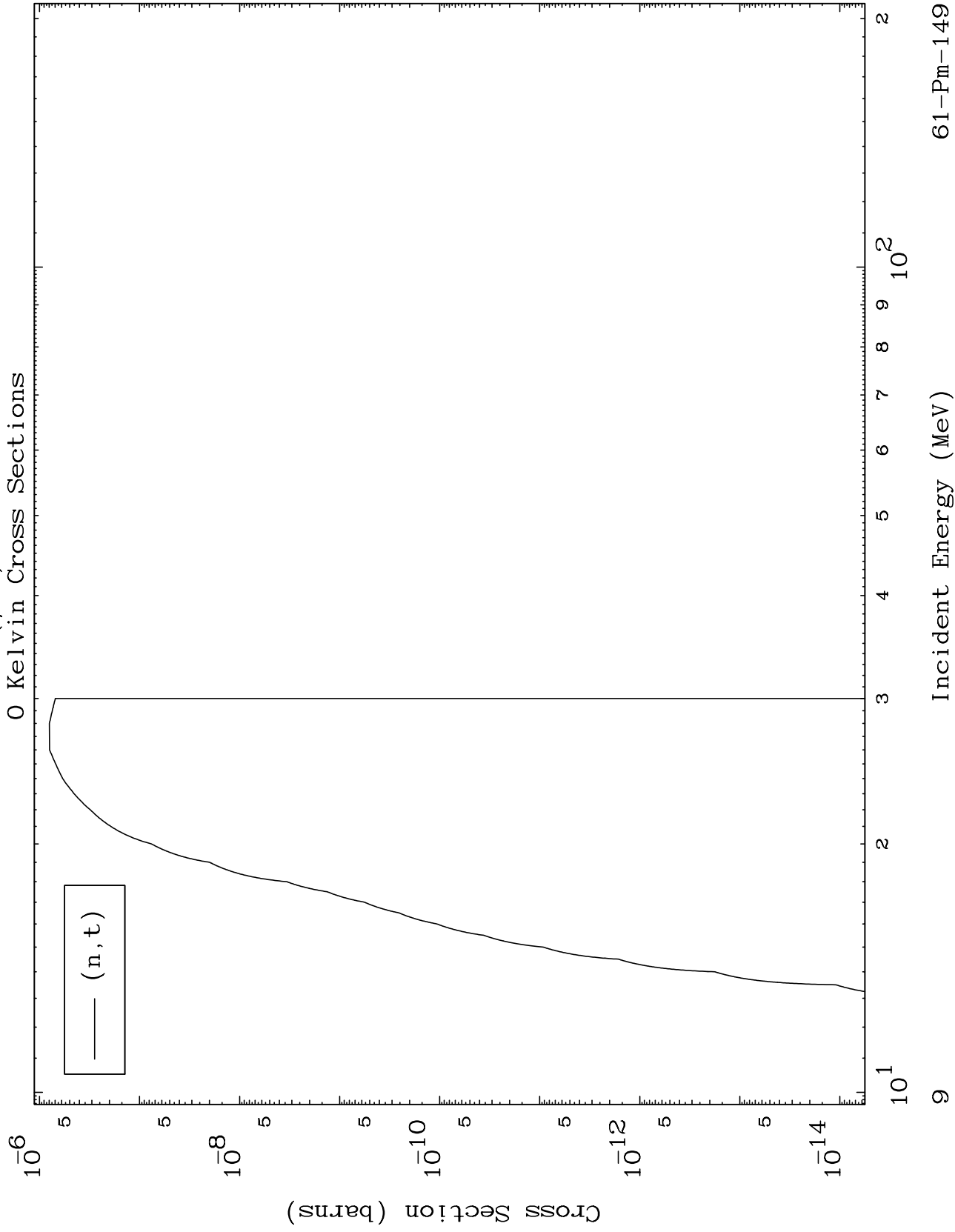
61-Pm-149



MAT 6155

( $\gamma, t$ ) Levels

61-Pm-149

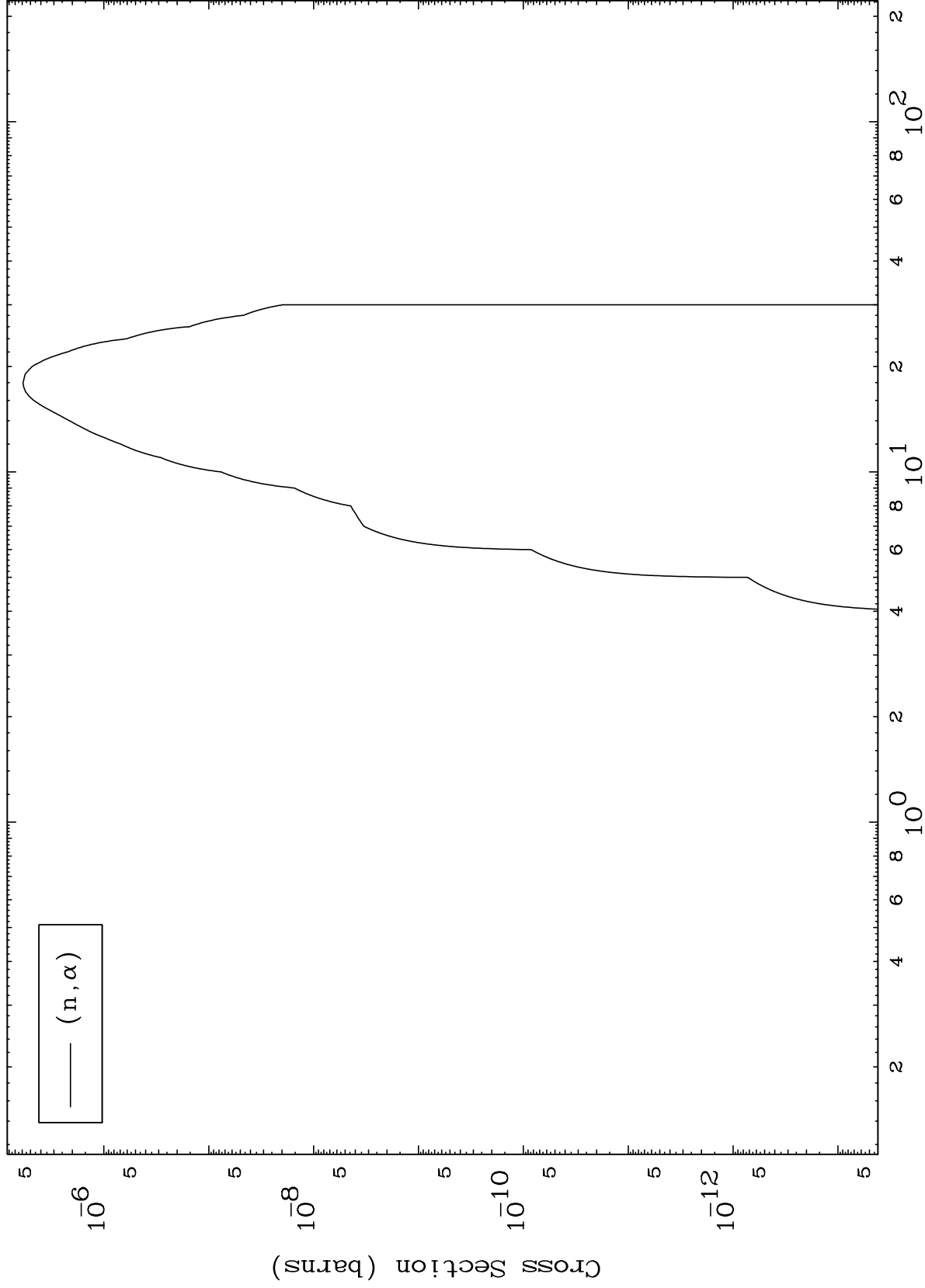


MAT 6155

( $\gamma, \alpha$ ) Levels

61-Pm-149

0 Kelvin Cross Sections



10

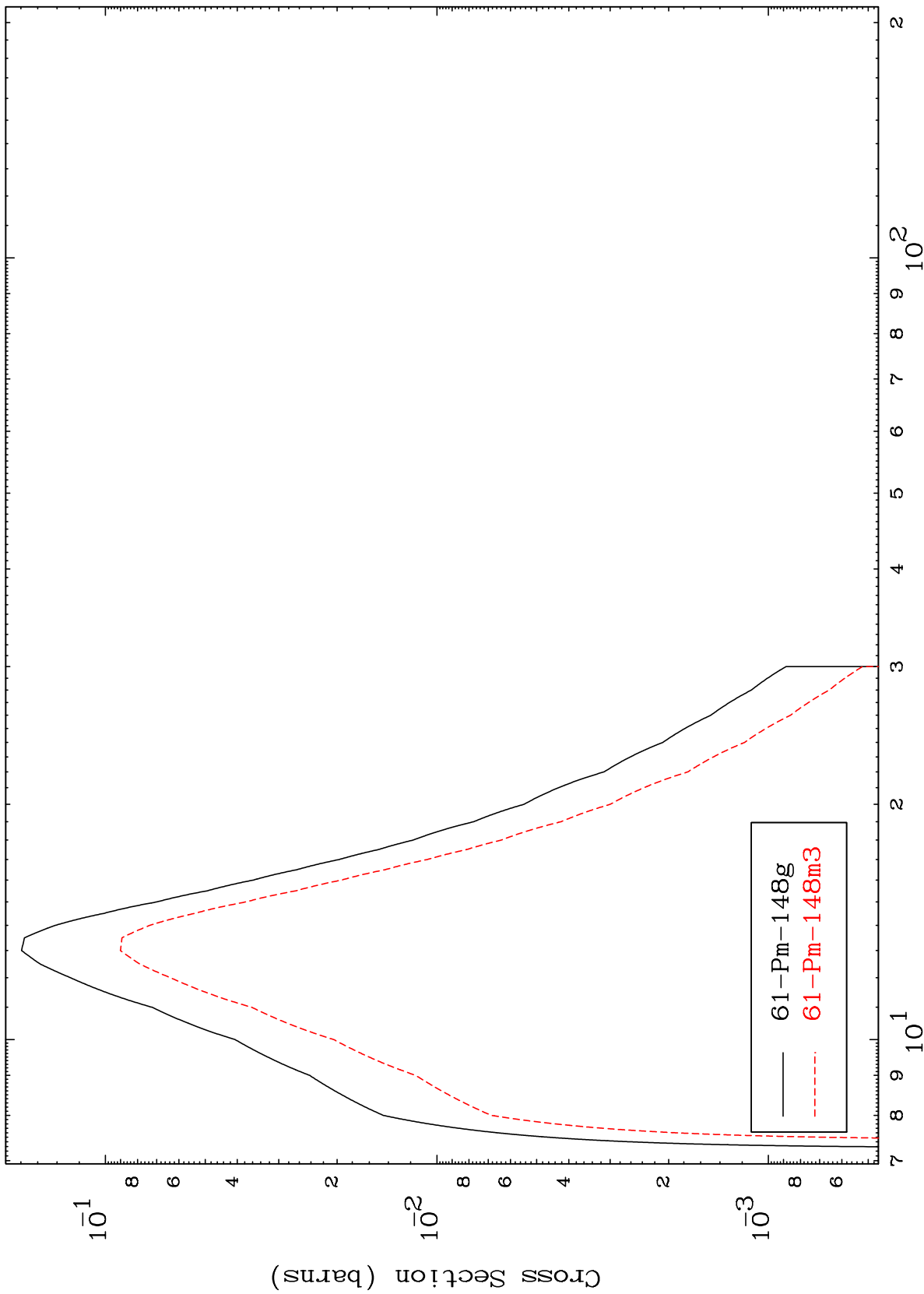
Incident Energy (MeV)

61-Pm-149

MAT 6155

61-Pm-149

Inelastic  
Radionuclide Production Cross Section



61-Pm-149

Incident Energy (MeV)

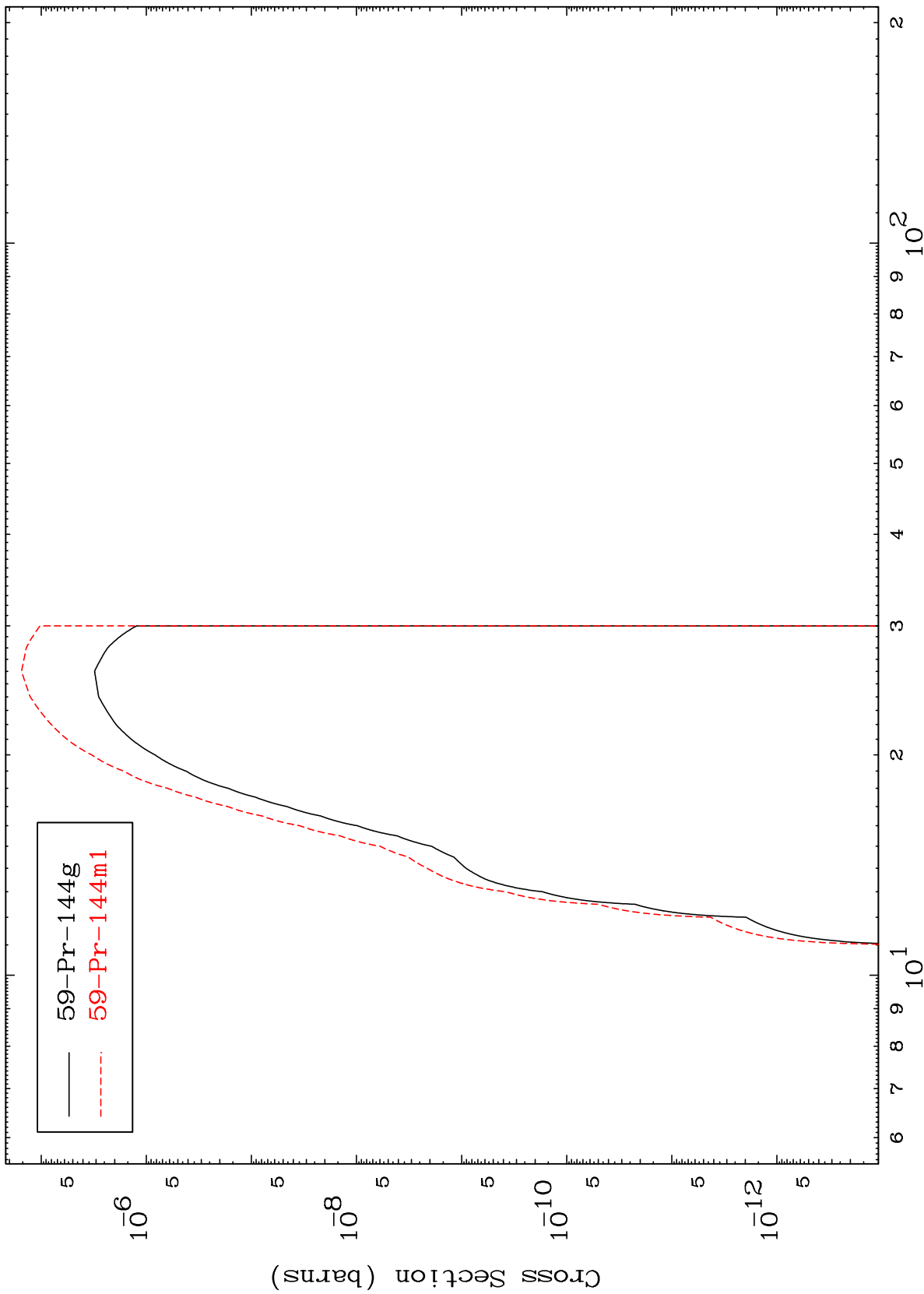
11

MAT 6155

61-Pm-149

(n,n')  $\alpha$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

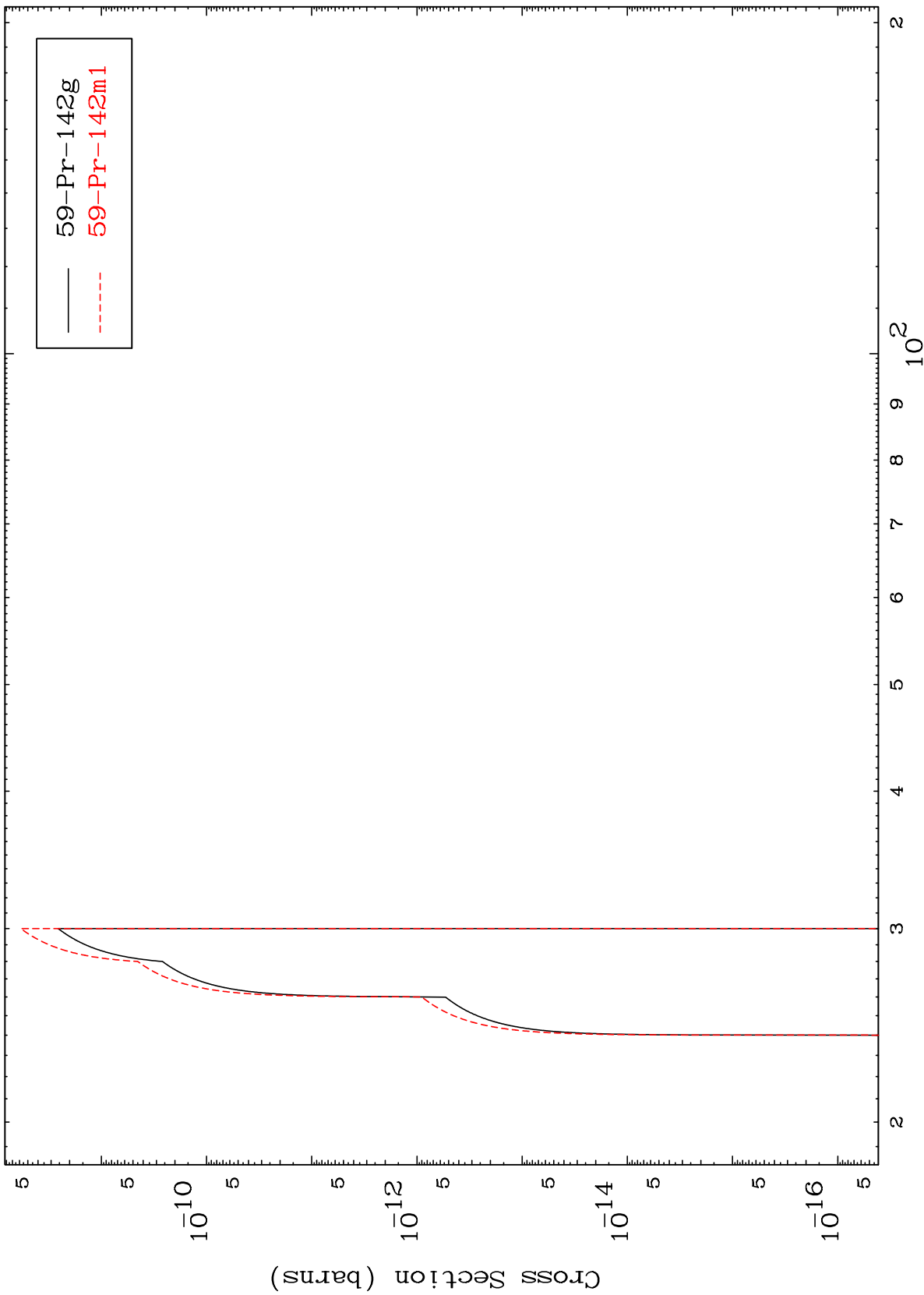
61-Pm-149

MAT 6155

(n,3n)  $\alpha$

61-Pm-149

Radionuclide Production Cross Section



13

Incident Energy (MeV)

61-Pm-149