

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

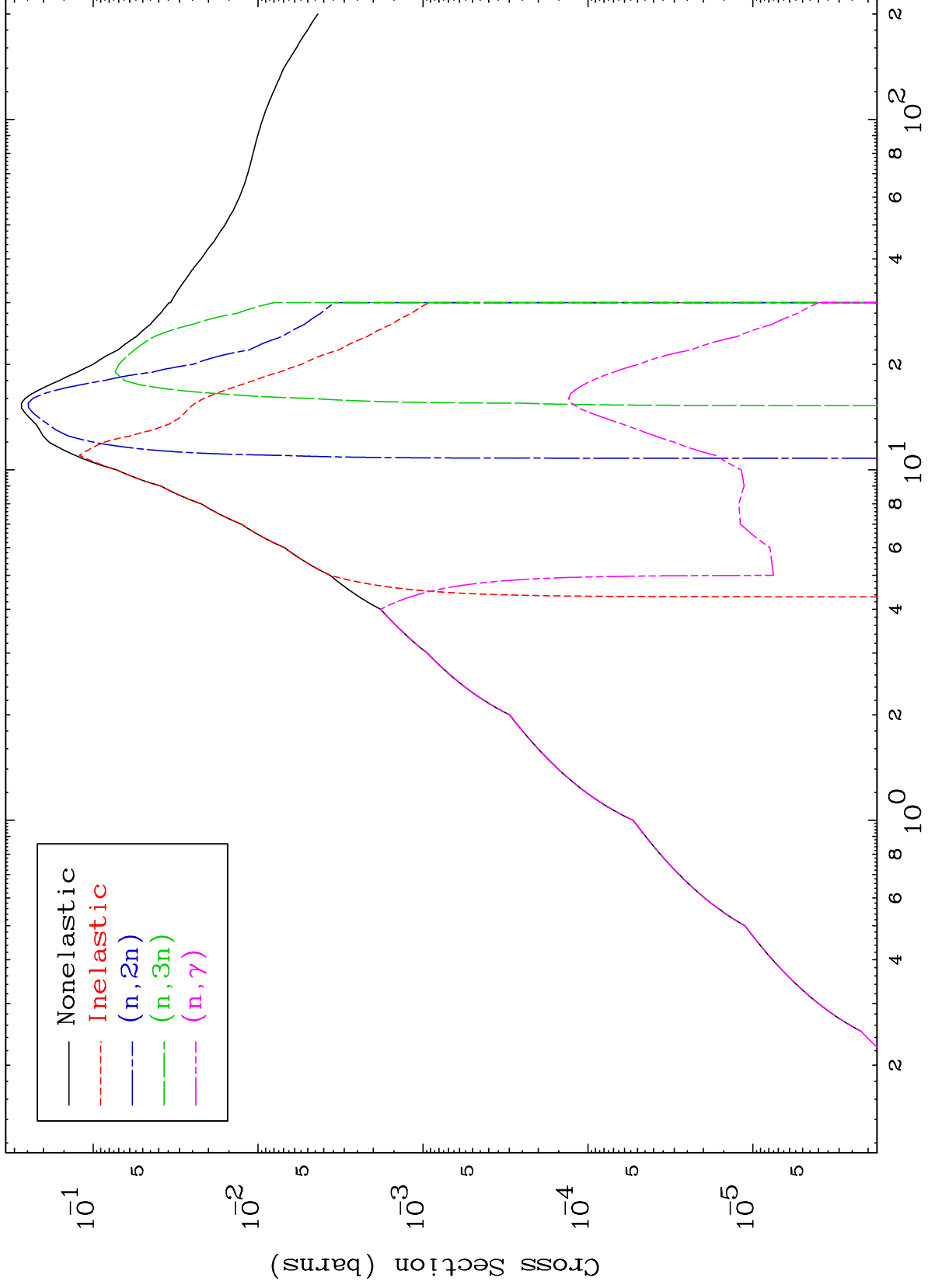
Press Mouse Button to Start

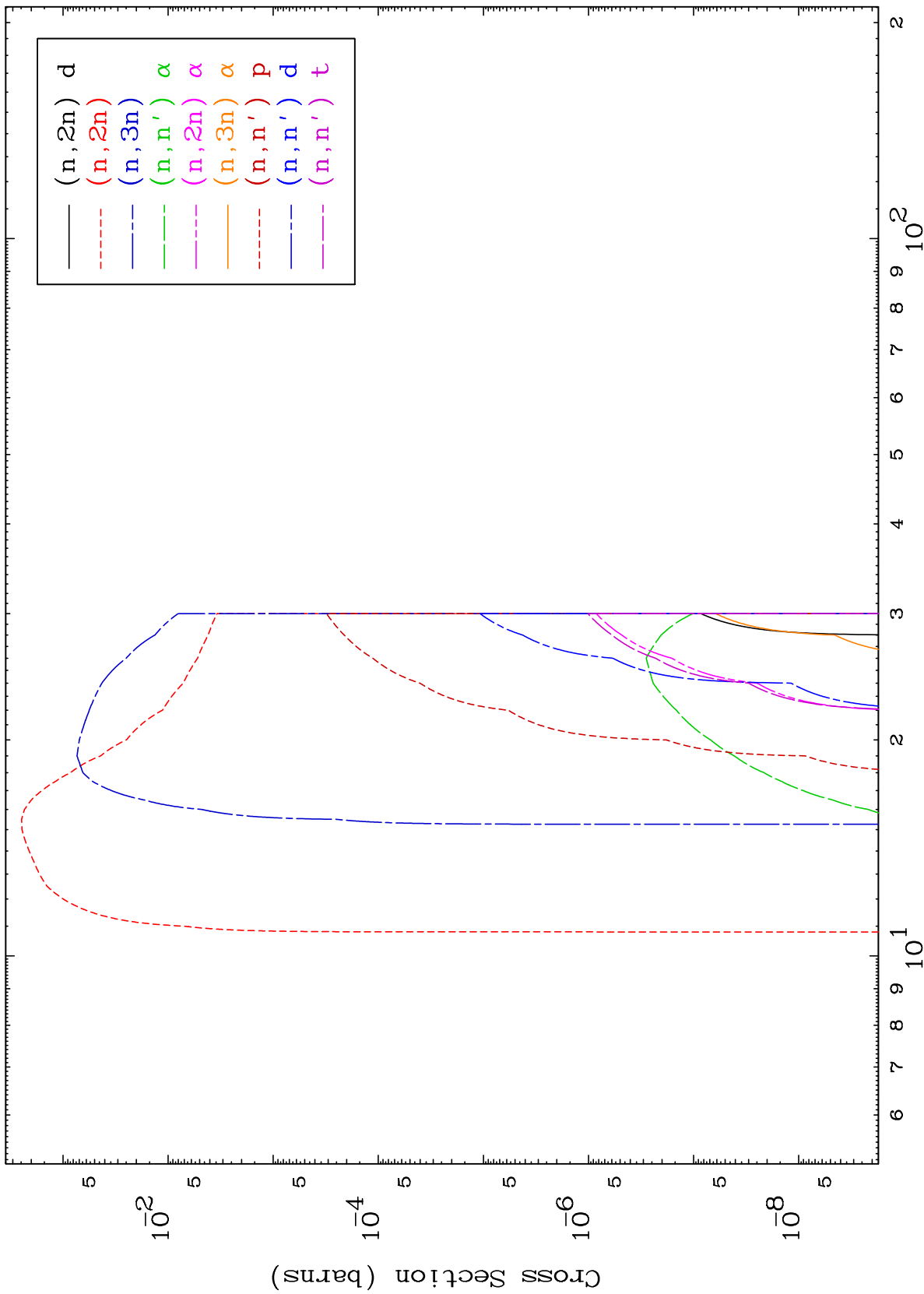
MAT 5864

Photon Major

58-Ce-149

0 Kelvin Cross Sections

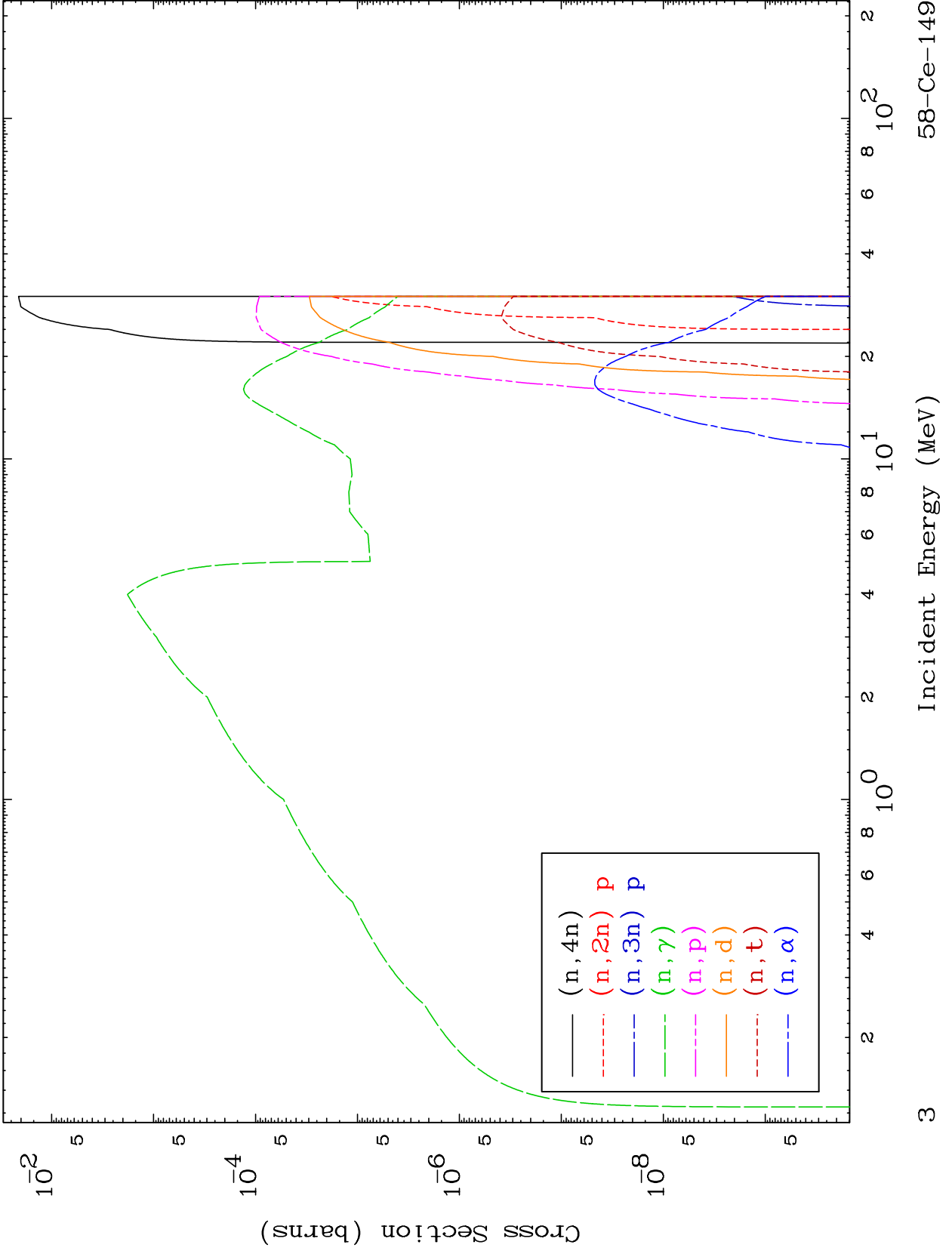




MAT 5864

Photon Neutron Absorption  
0 Kelvin Cross Sections

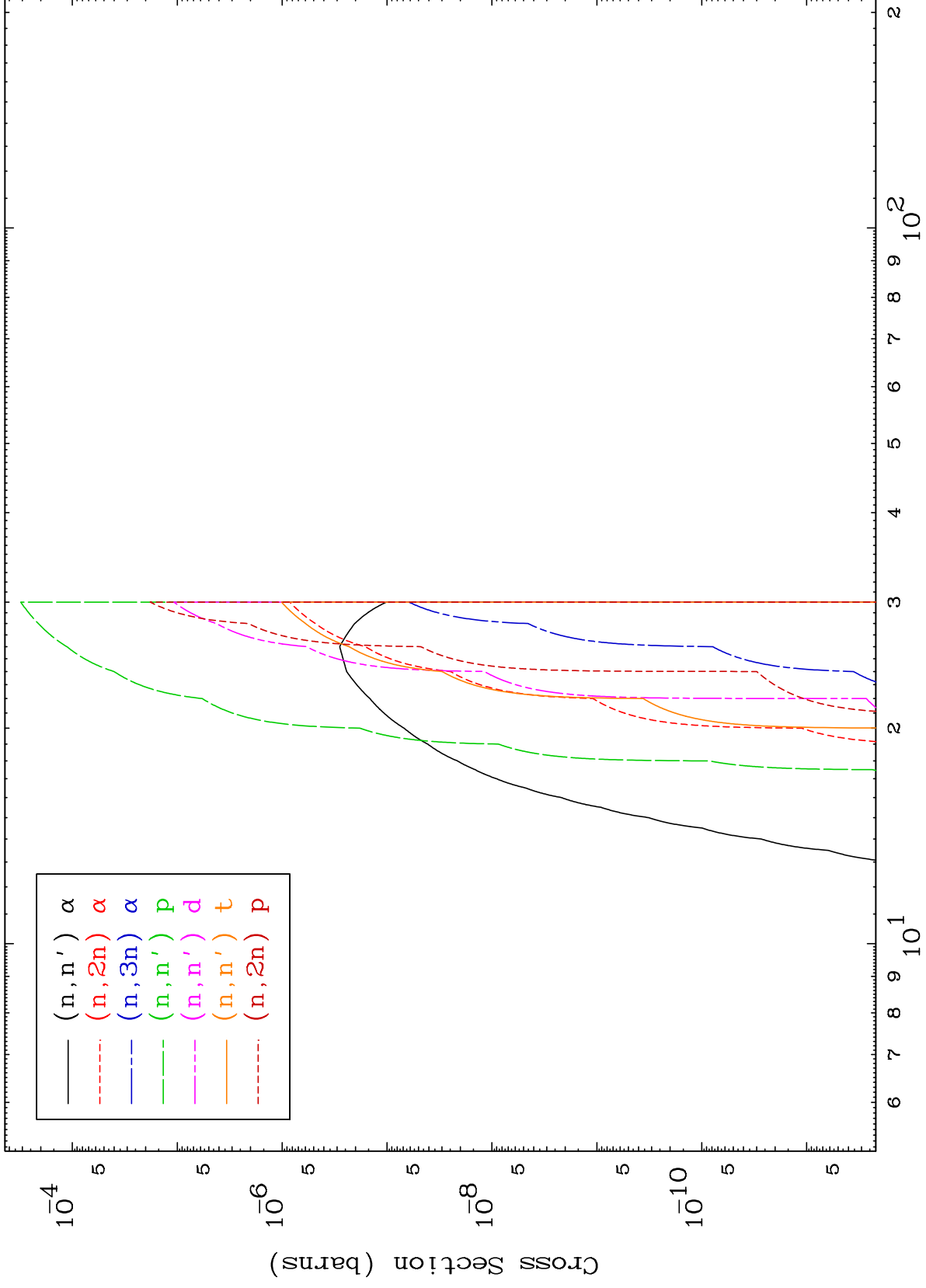
58-Ce-149



MAT 5864

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-149



4

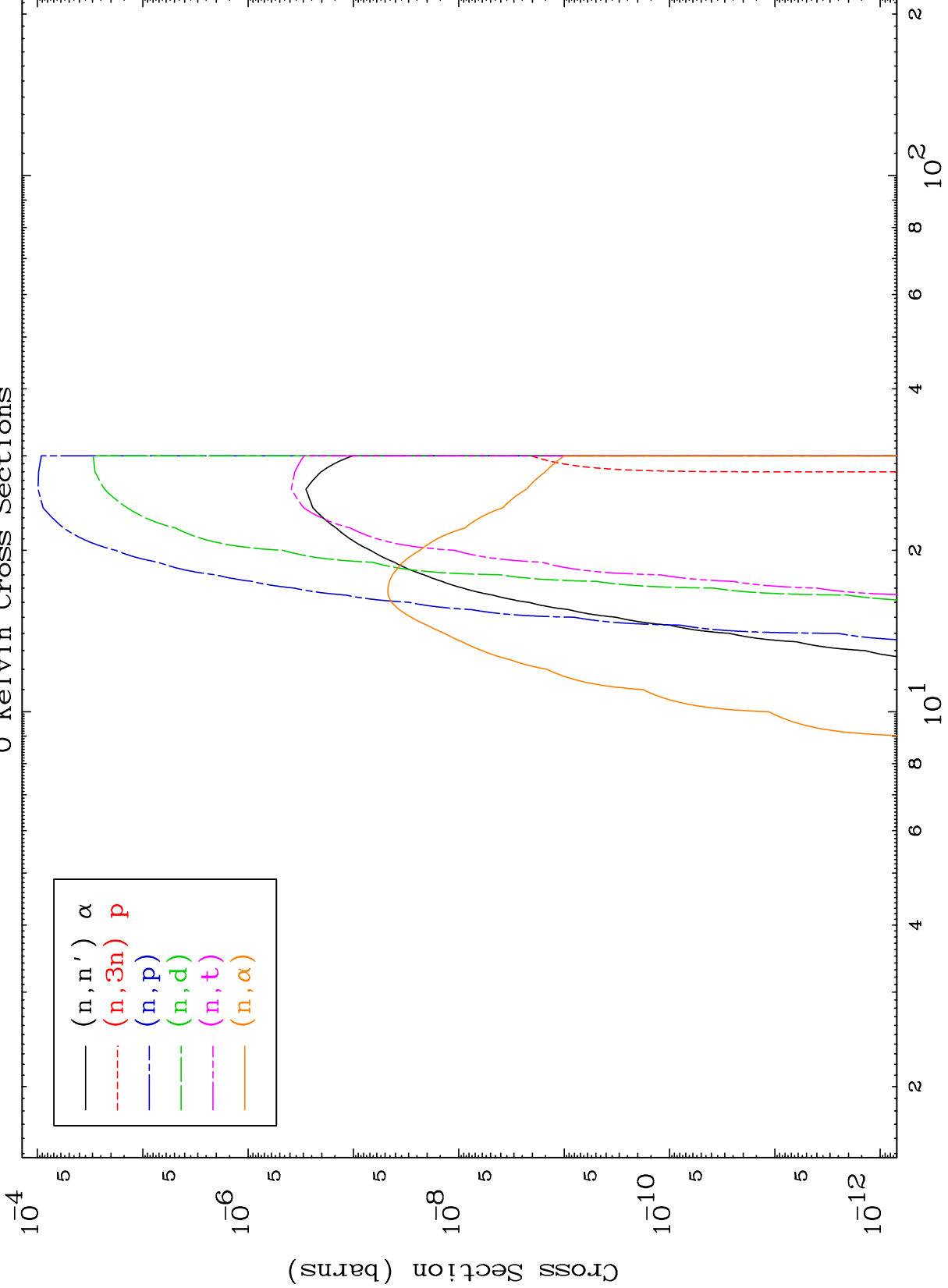
Incident Energy (MeV)

58-Ce-149

MAT 5864

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-149



5

Incident Energy (MeV)

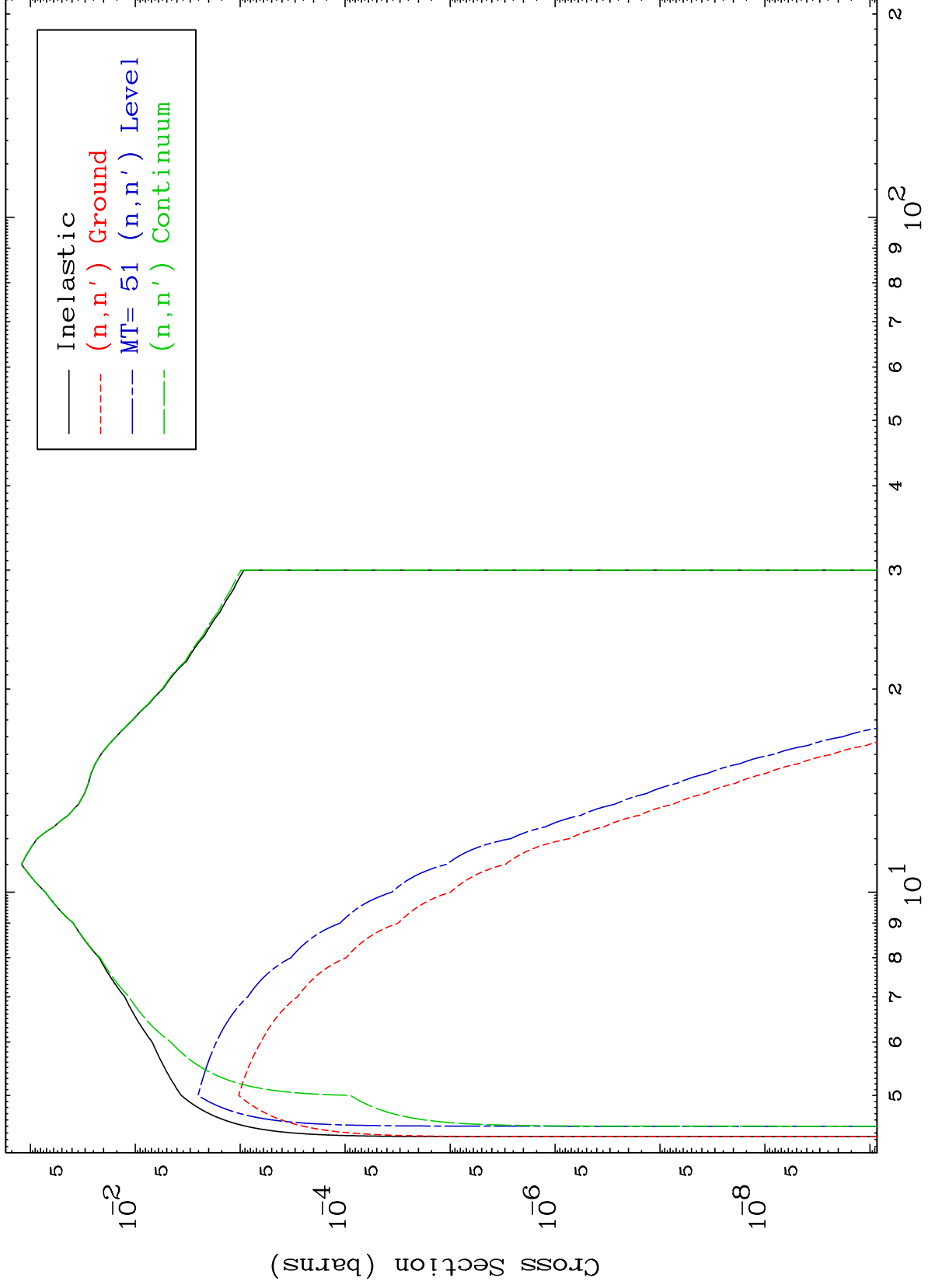
58-Ce-149

MAT 5864

( $\gamma, n'$ ) Levels

58-Ce-149

0 Kelvin Cross Sections



Incident Energy (MeV)

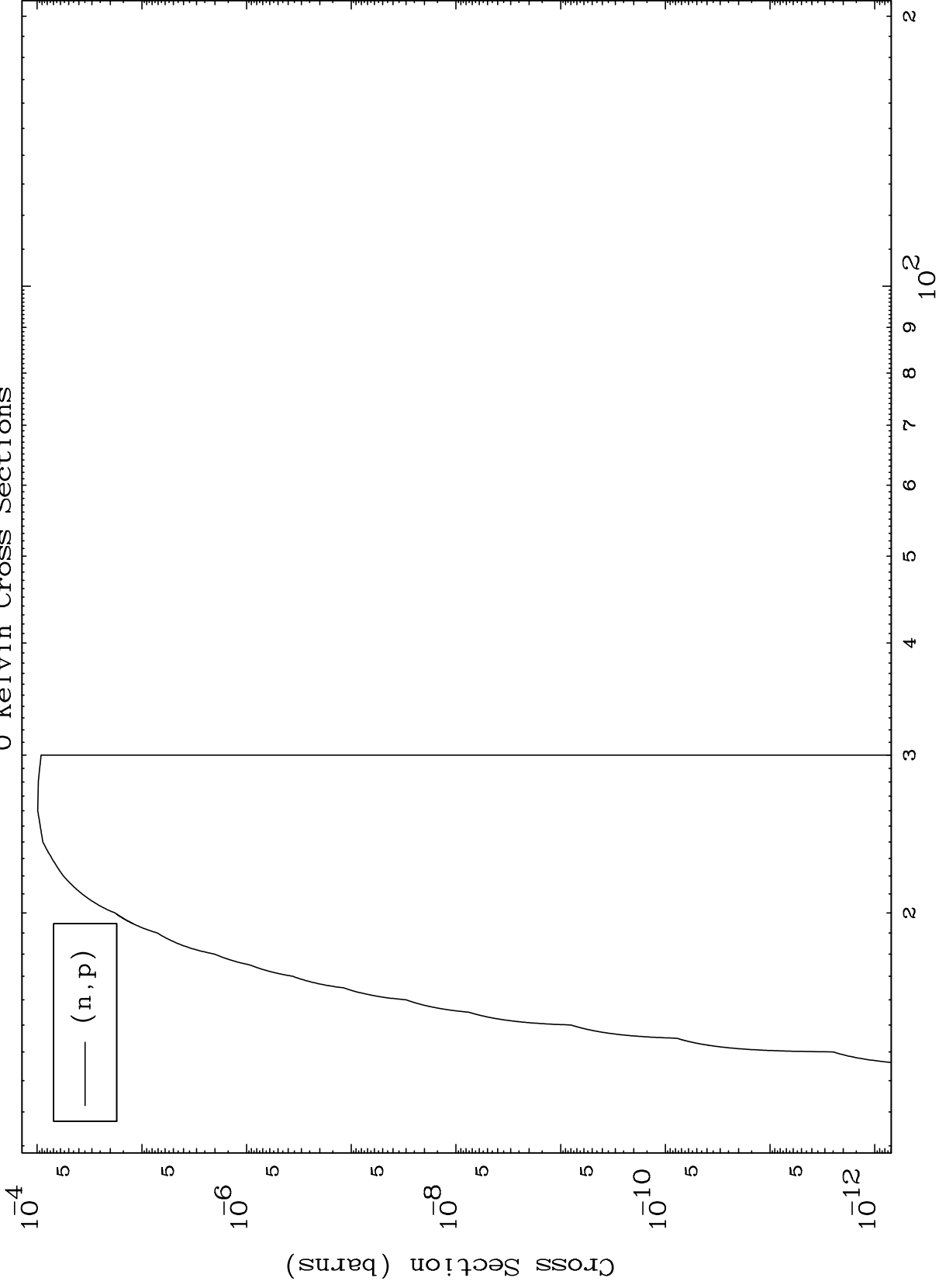
58-Ce-149

6

MAT 5864

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

58-Ce-149



7

Incident Energy (MeV)

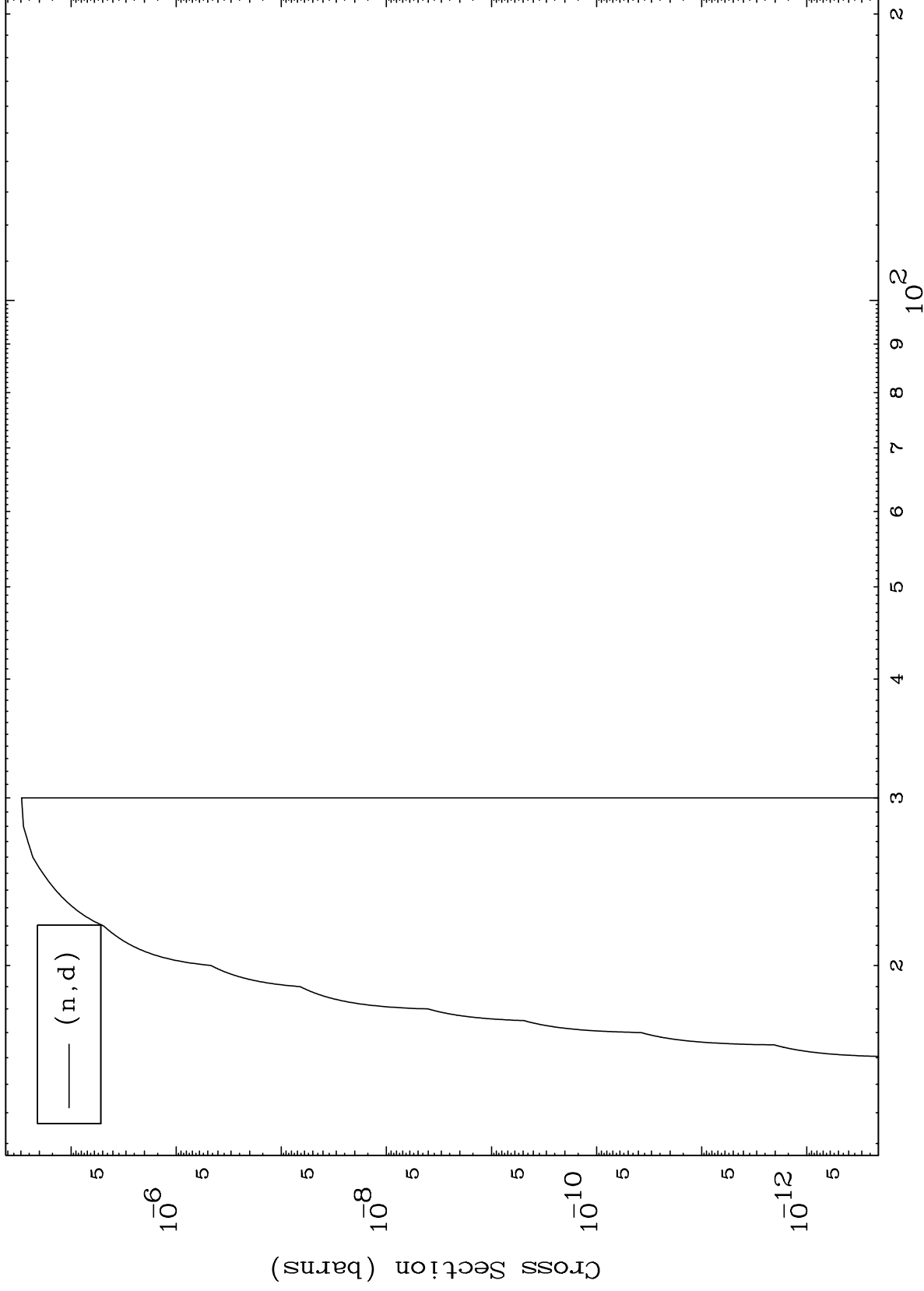
58-Ce-149



MAT 5864

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

58-Ce-149



8

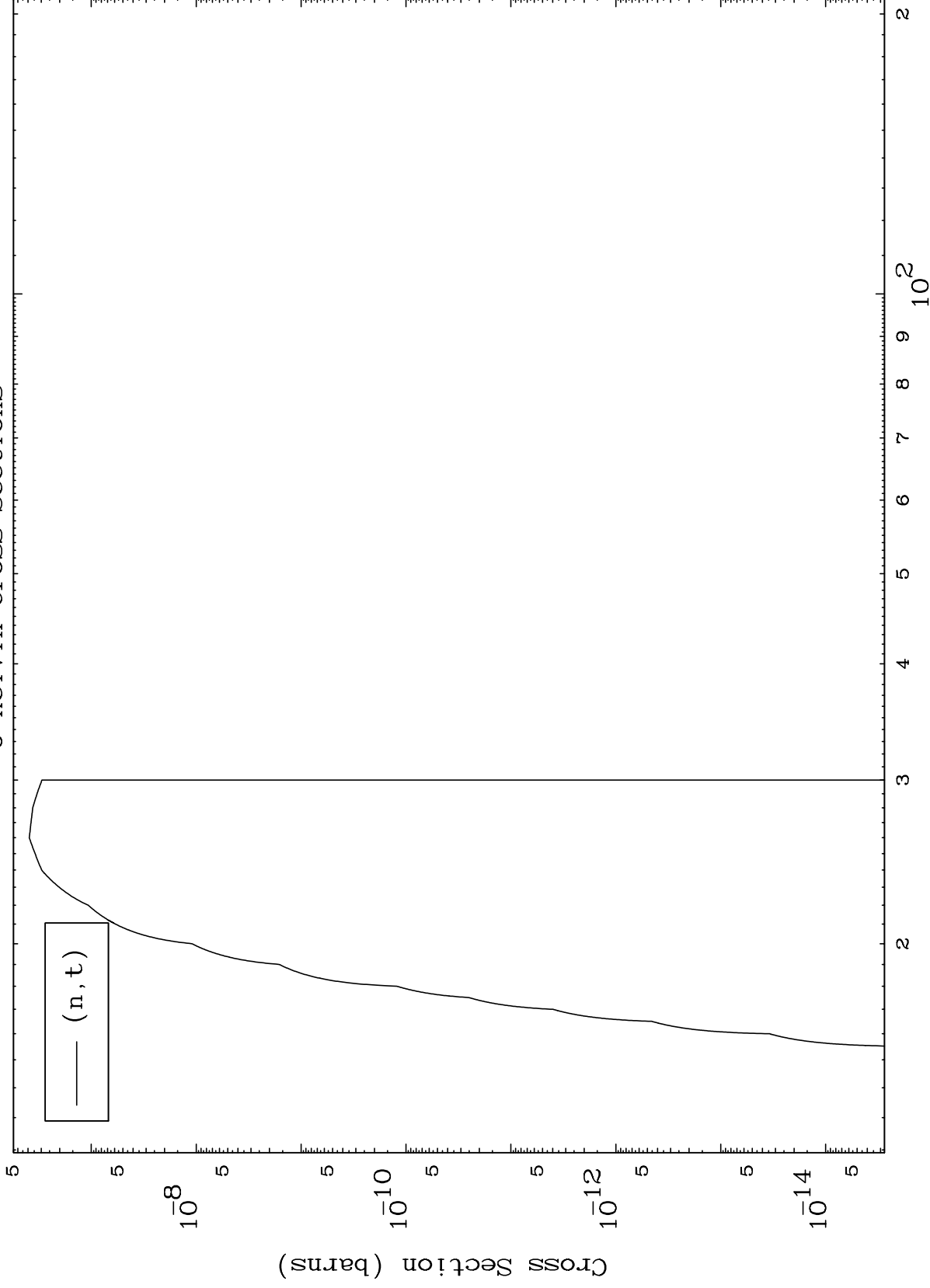
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

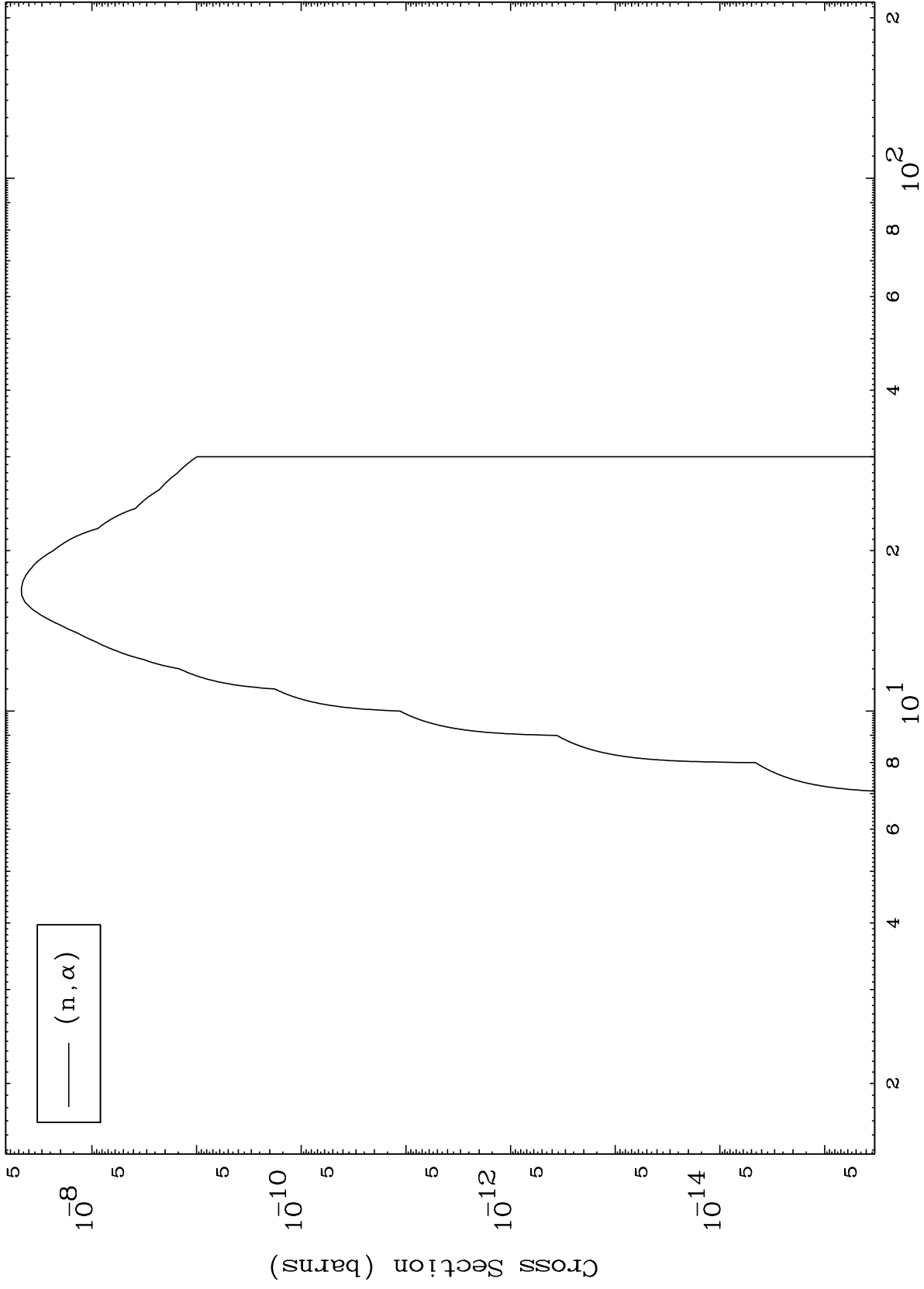
58-Ce-149



MAT 5864

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

58-Ce-149



10

Incident Energy (MeV)

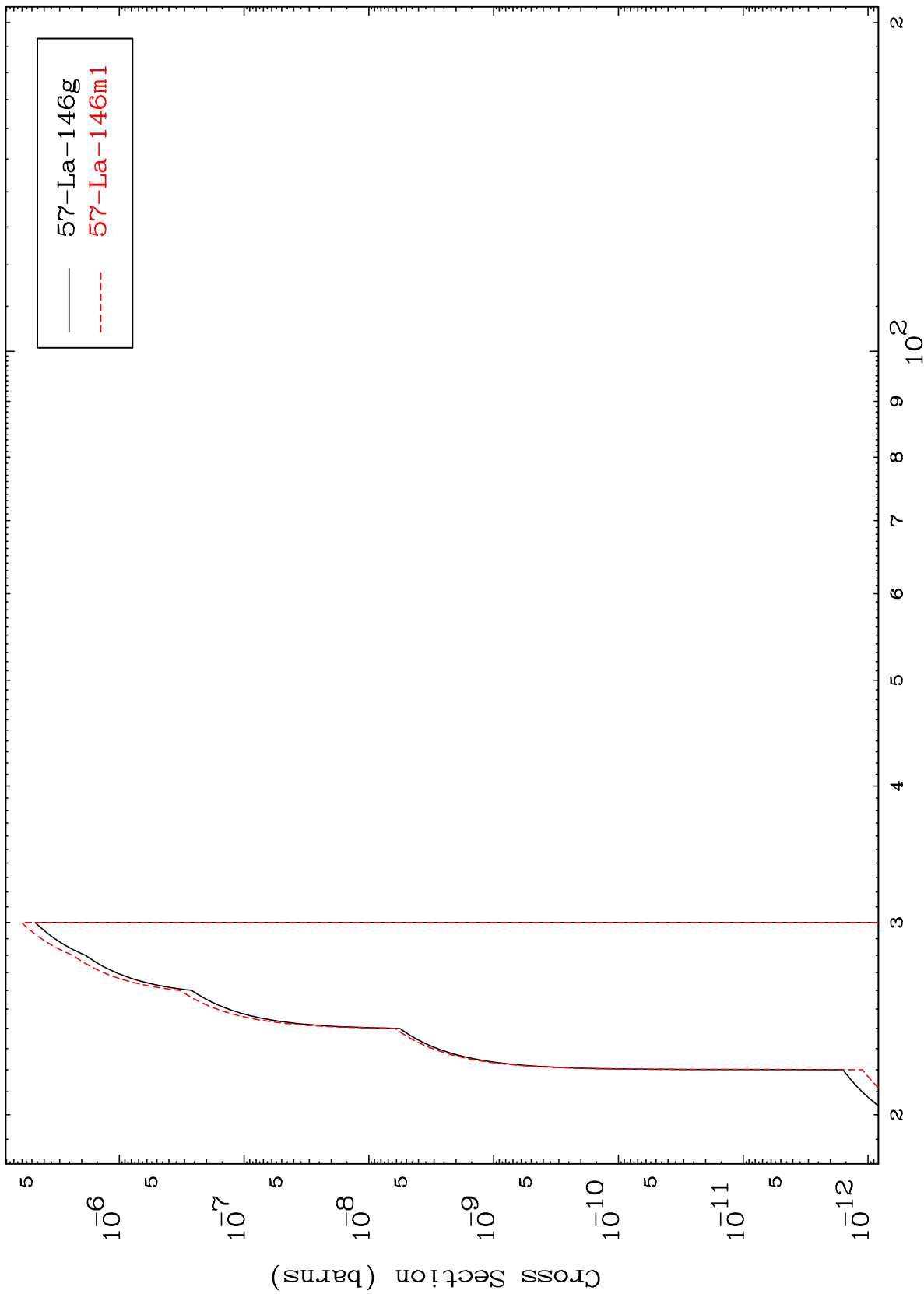
58-Ce-149

MAT 5864

(n,n') d

58-Ce-149

Radionuclide Production Cross Section

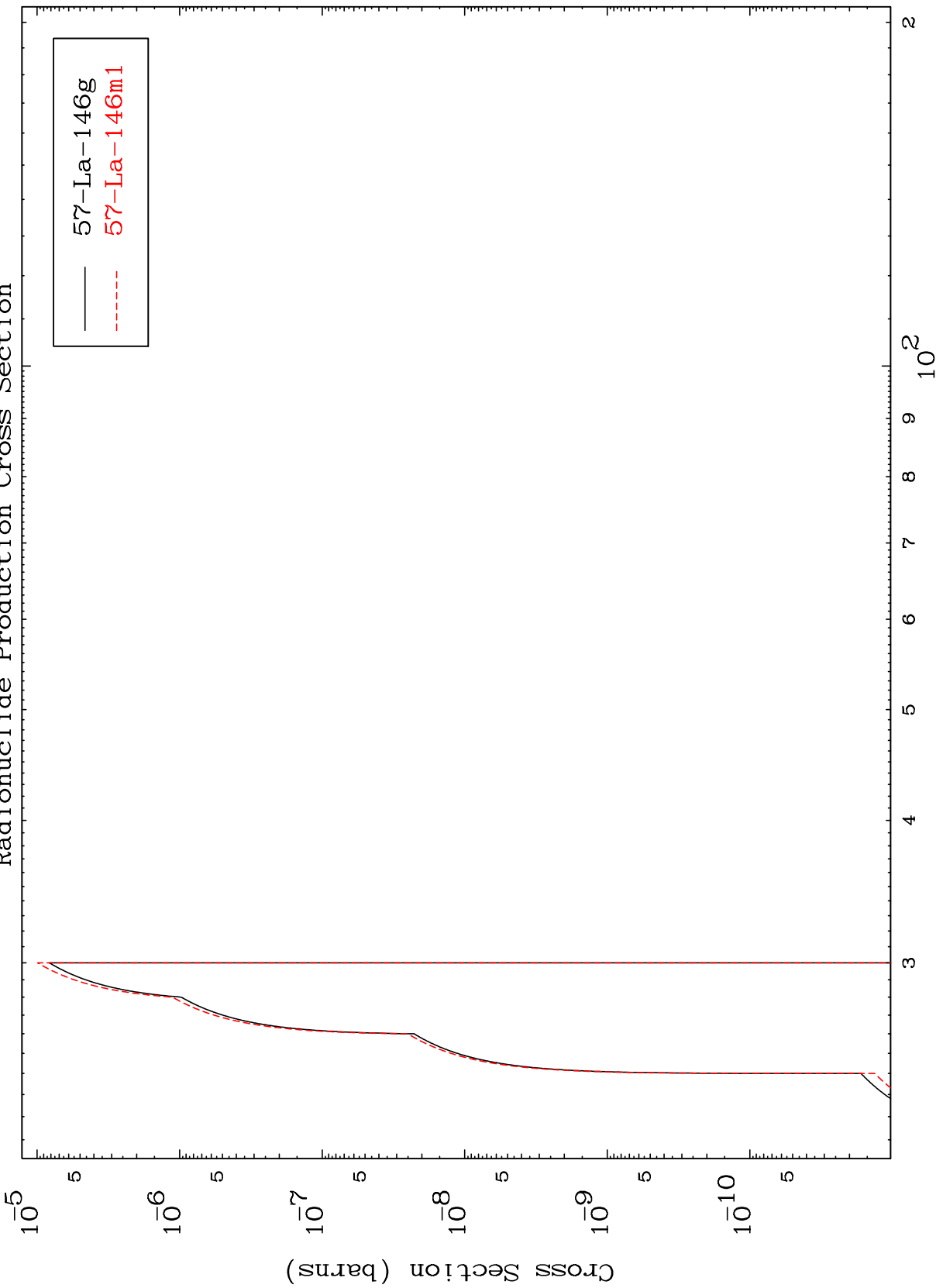


MAT 5864

(n,2n) p

58-Ce-149

Radionuclide Production Cross Section



57-La-146g  
57-La-146m1

12

Incident Energy (MeV)

58-Ce-149

(n,t)  
Radionuclide Production Cross Section

