

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

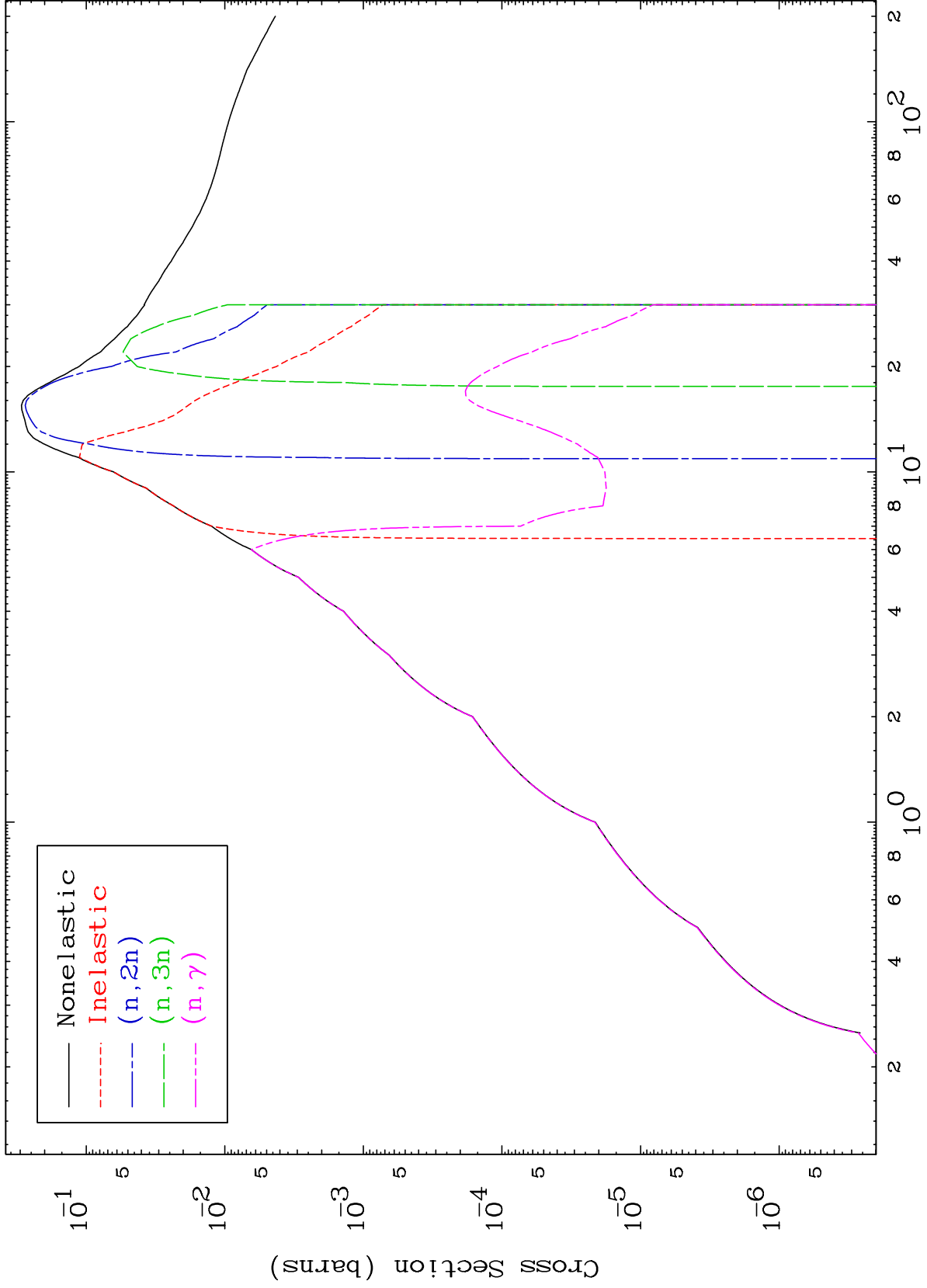
Press Mouse Button to Start

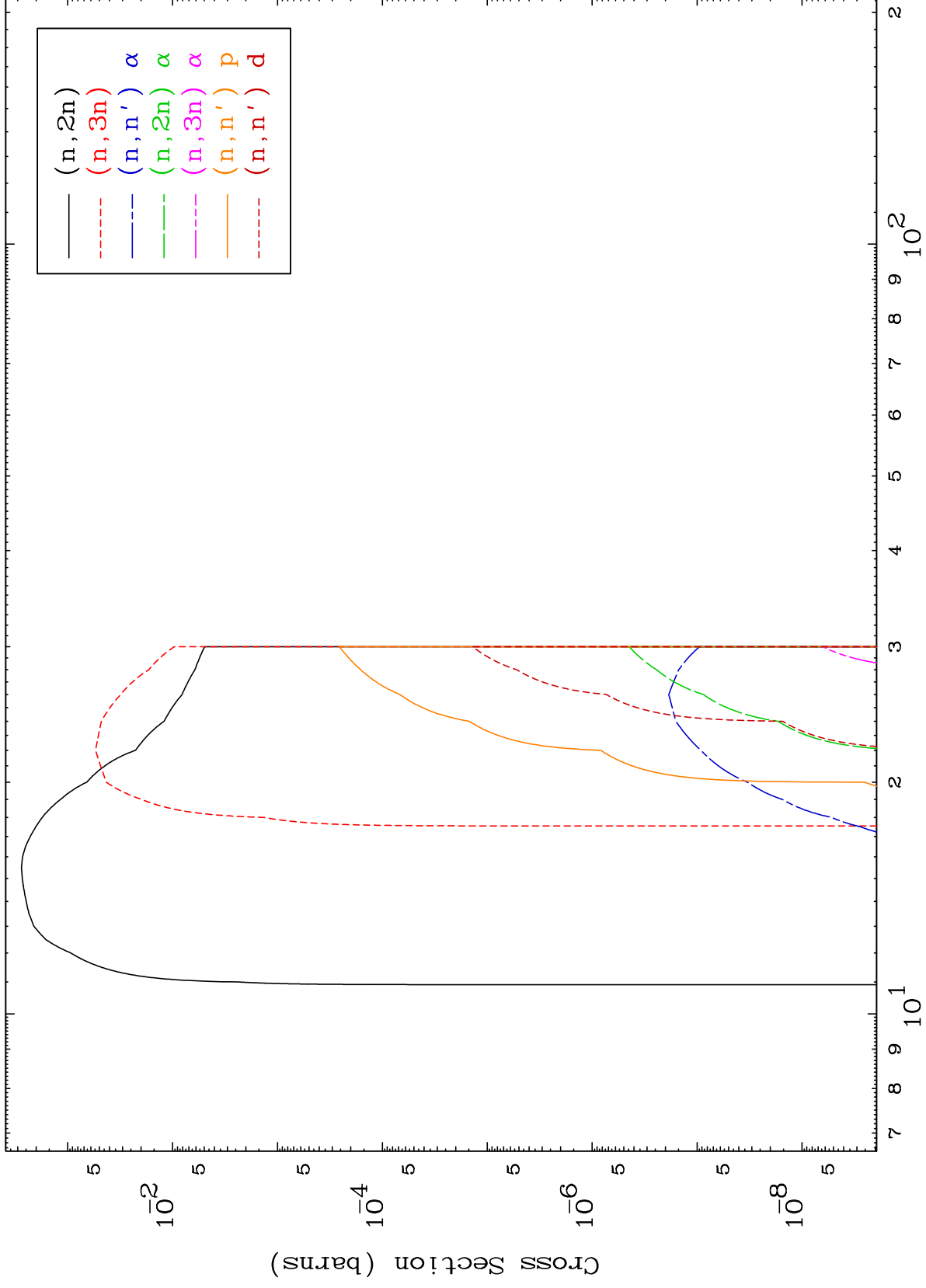
MAT 5861

Photon Major

58-Ce-148

0 Kelvin Cross Sections

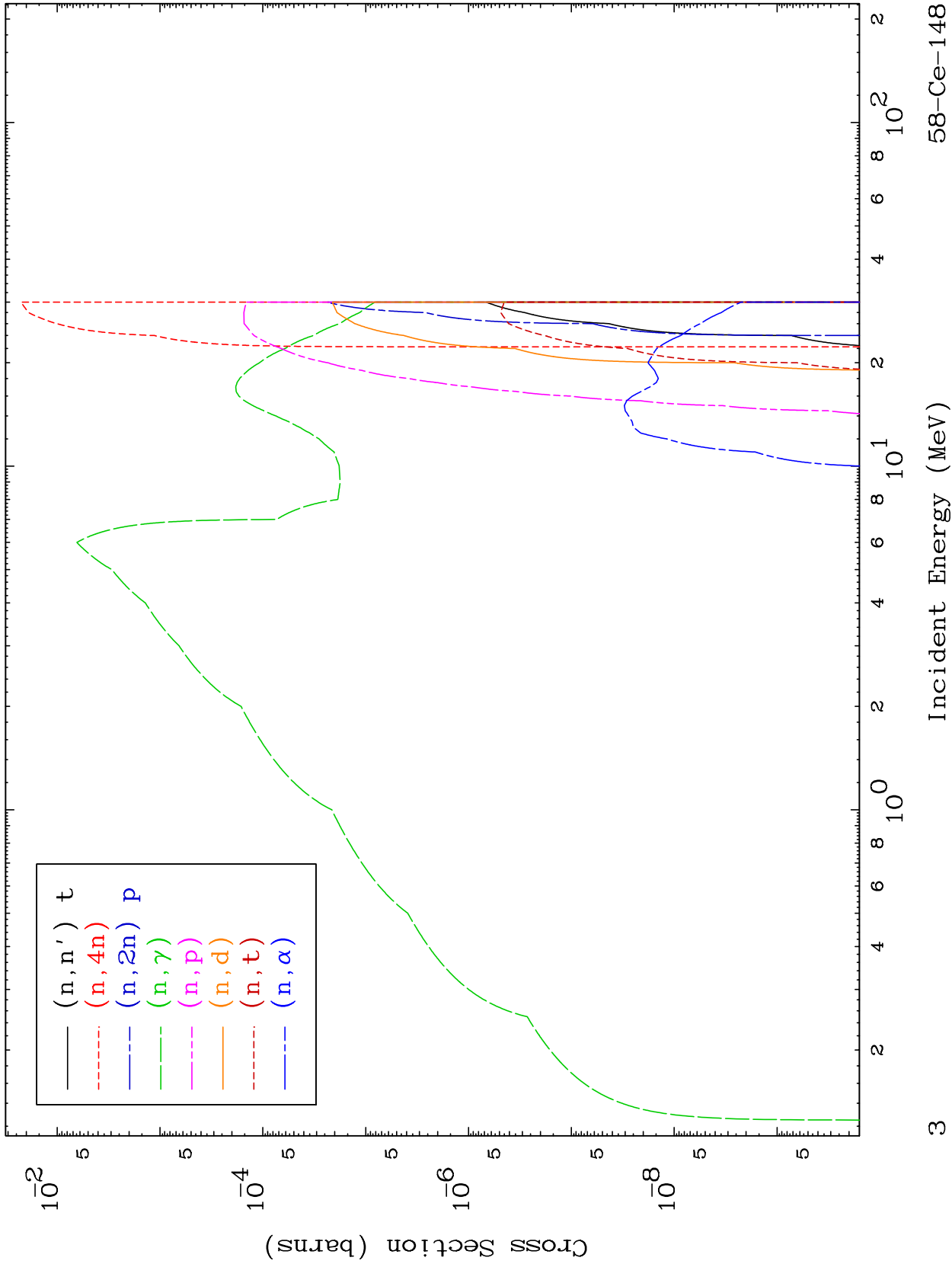




MAT 5861

Photon Neutron Absorption  
0 Kelvin Cross Sections

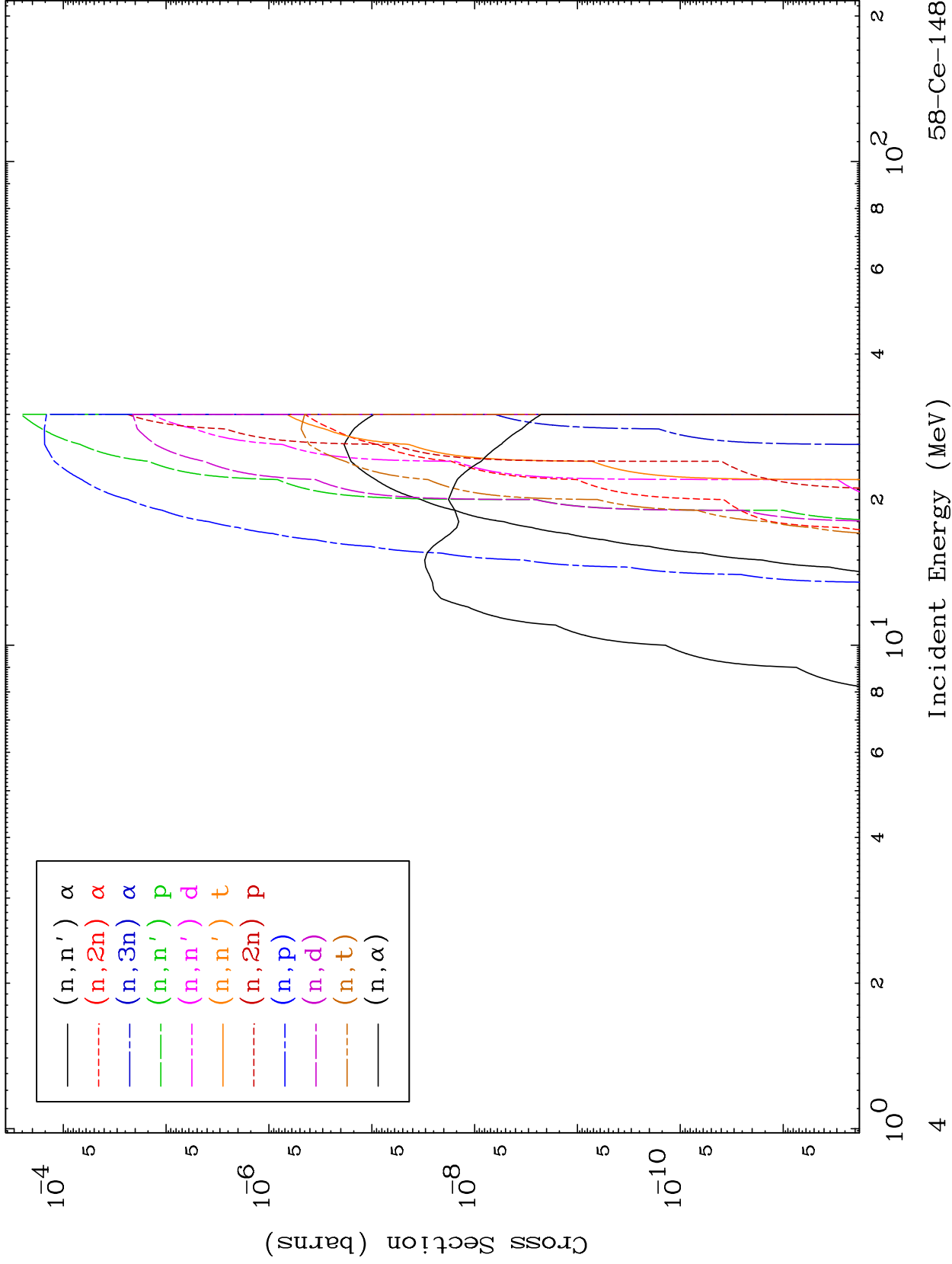
58-Ce-148



MAT 5861

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-148



58-Ce-148

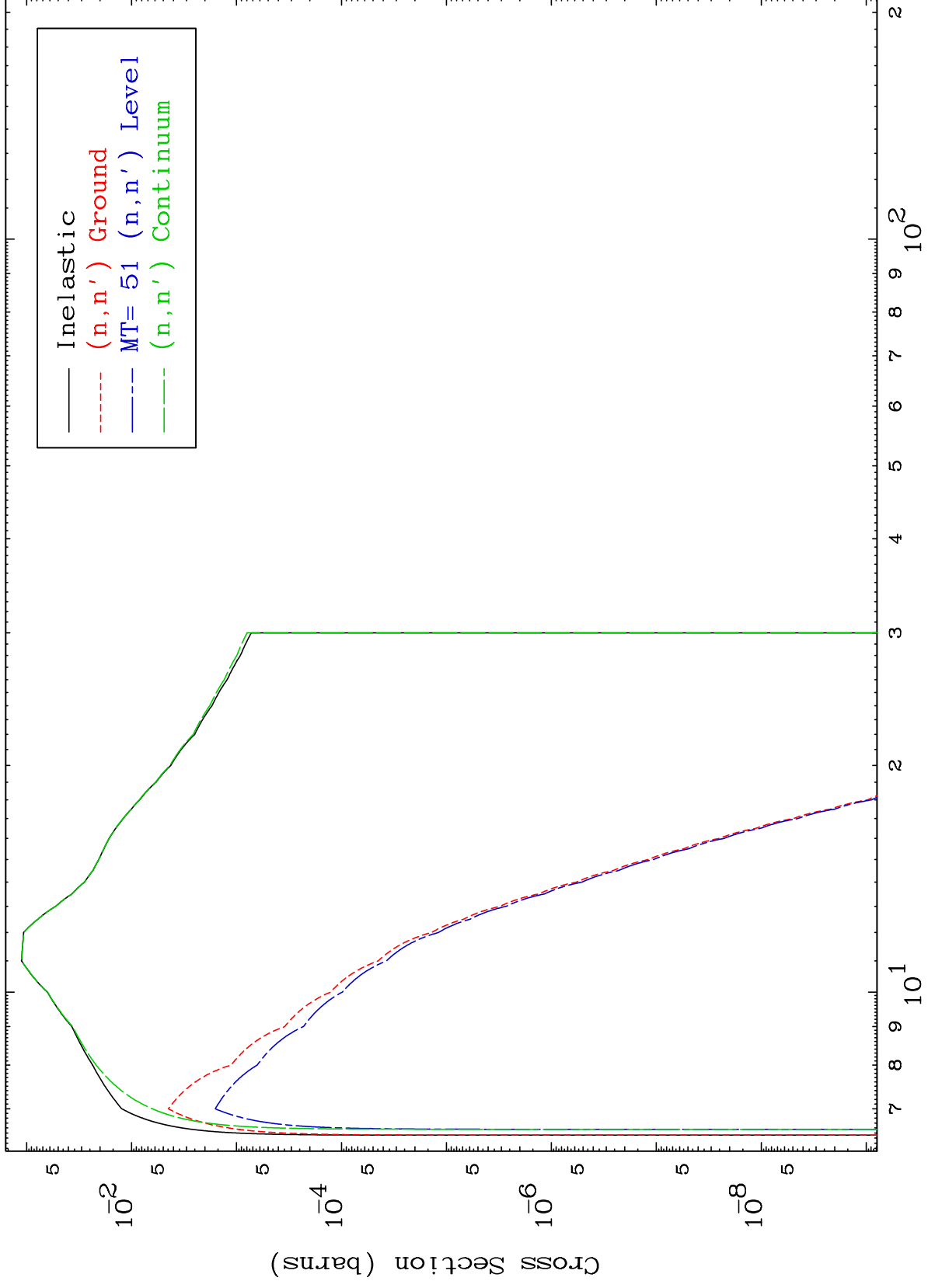
Incident Energy (MeV)

4

MAT 5861

58-Ce-148

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



5

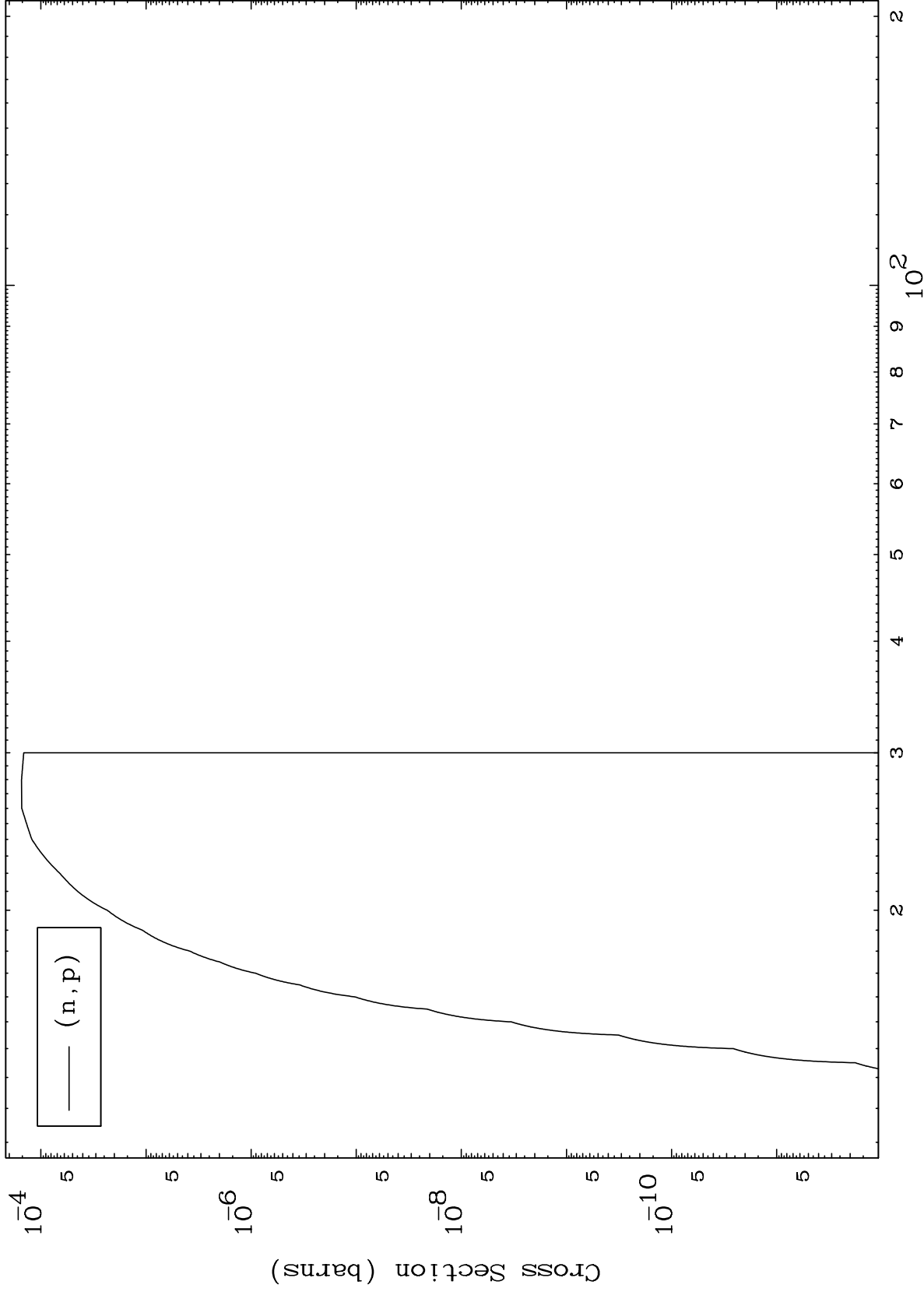
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



Incident Energy (MeV)

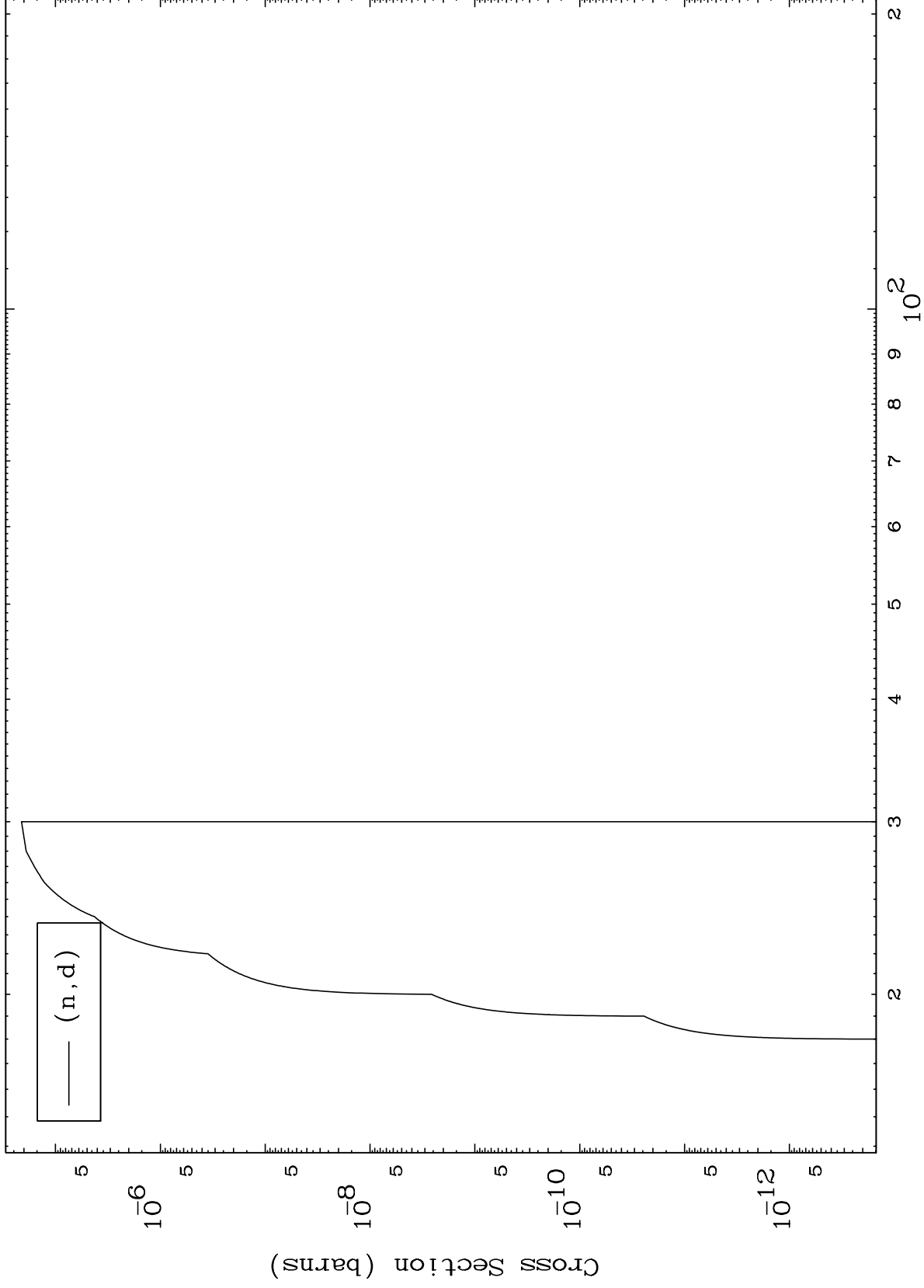
58-Ce-148

6

MAT 5861

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

58-Ce-148



7

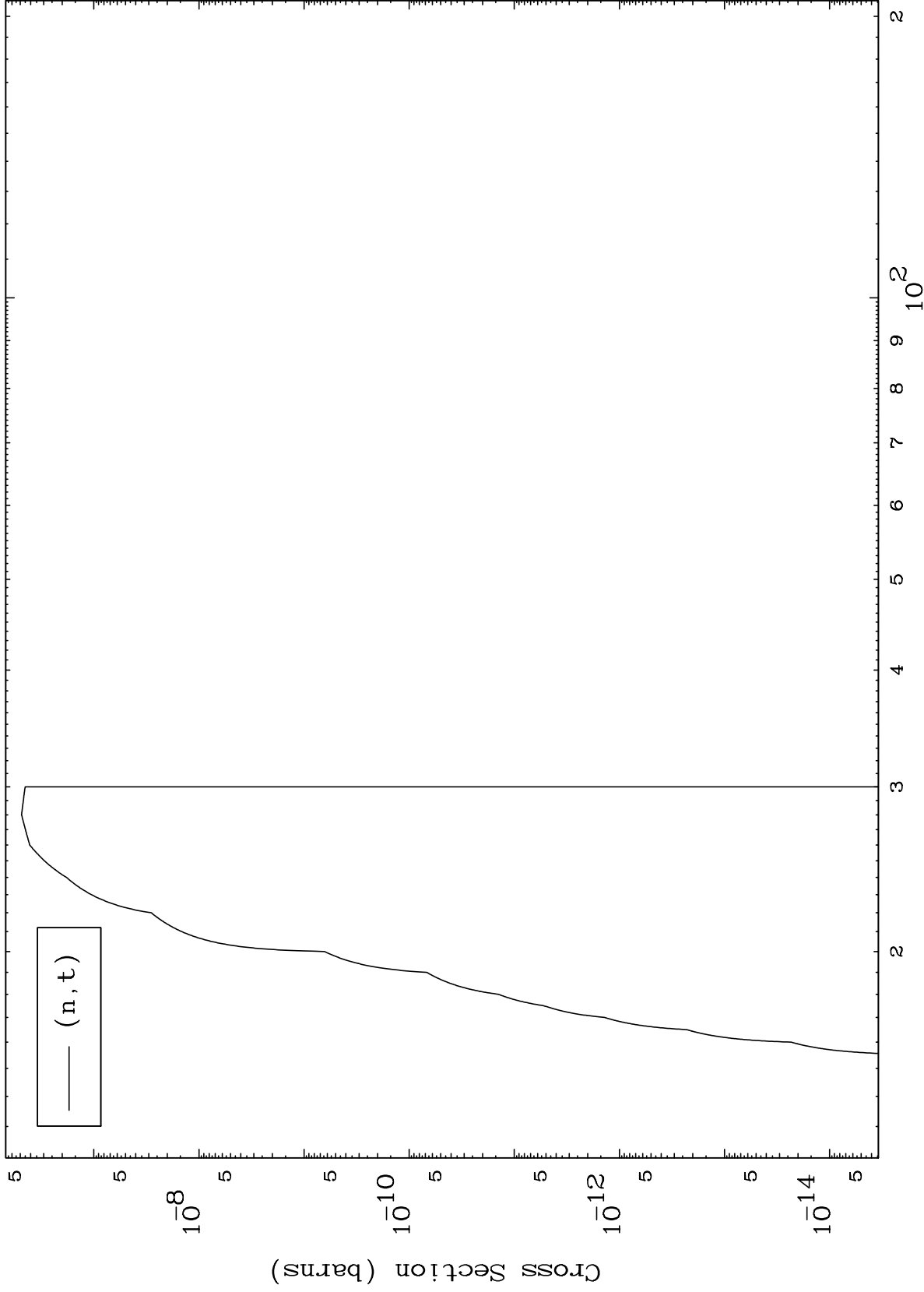
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



8

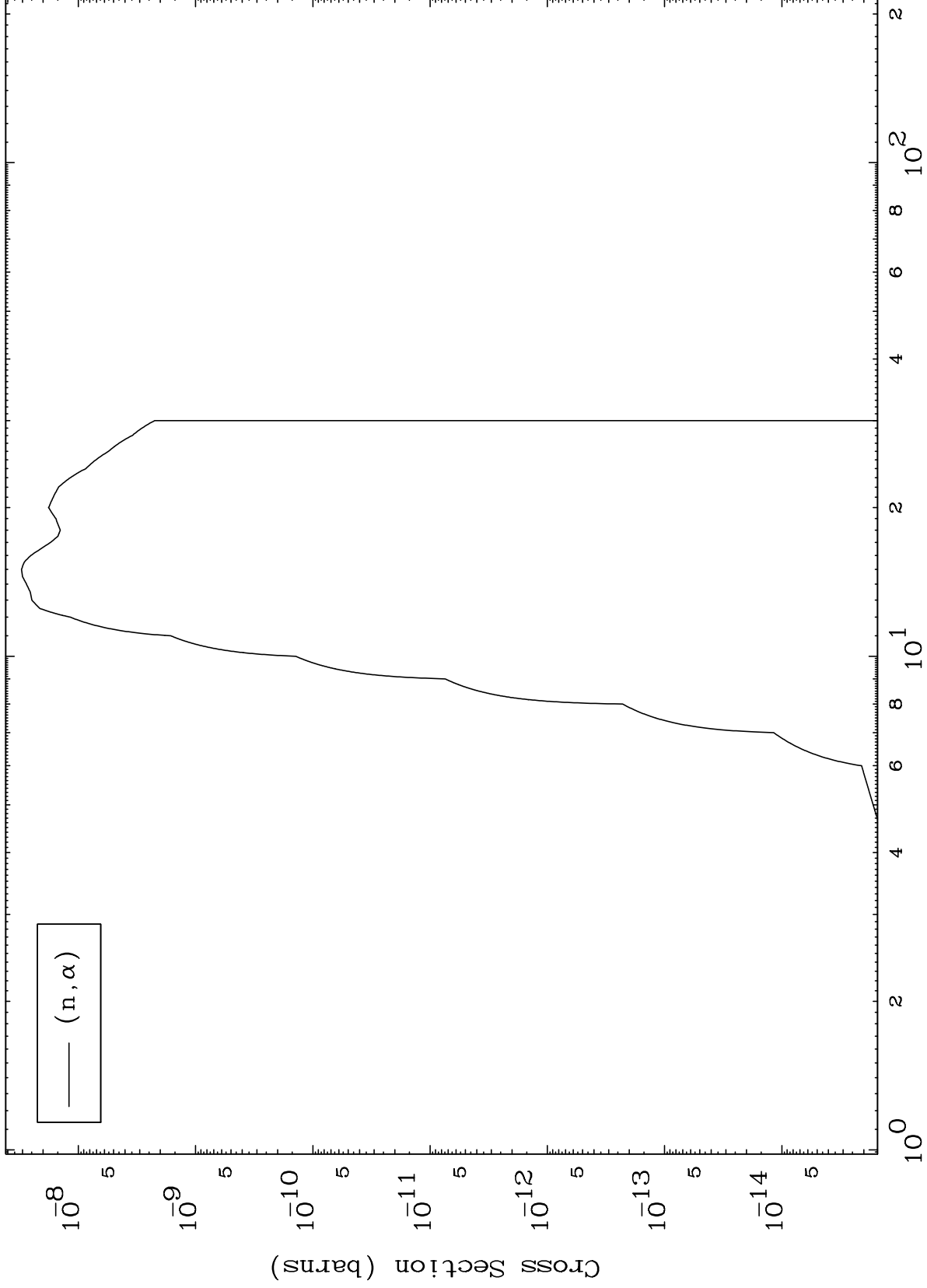
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



9

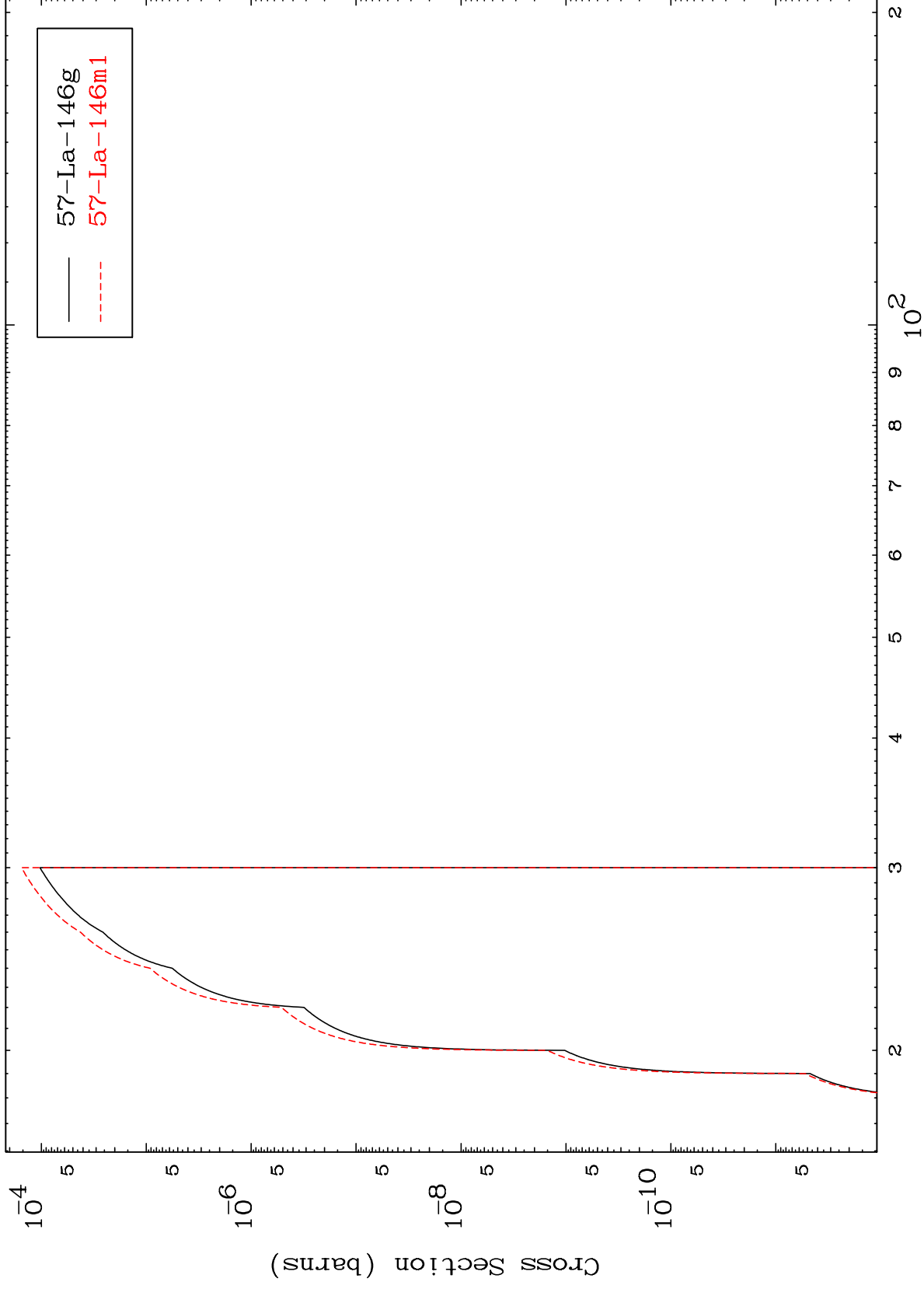
Incident Energy (MeV)

58-Ce-148

MAT 5861

58-Ce-148

$(n, n')$  p  
Radionuclide Production Cross Section



58-Ce-148

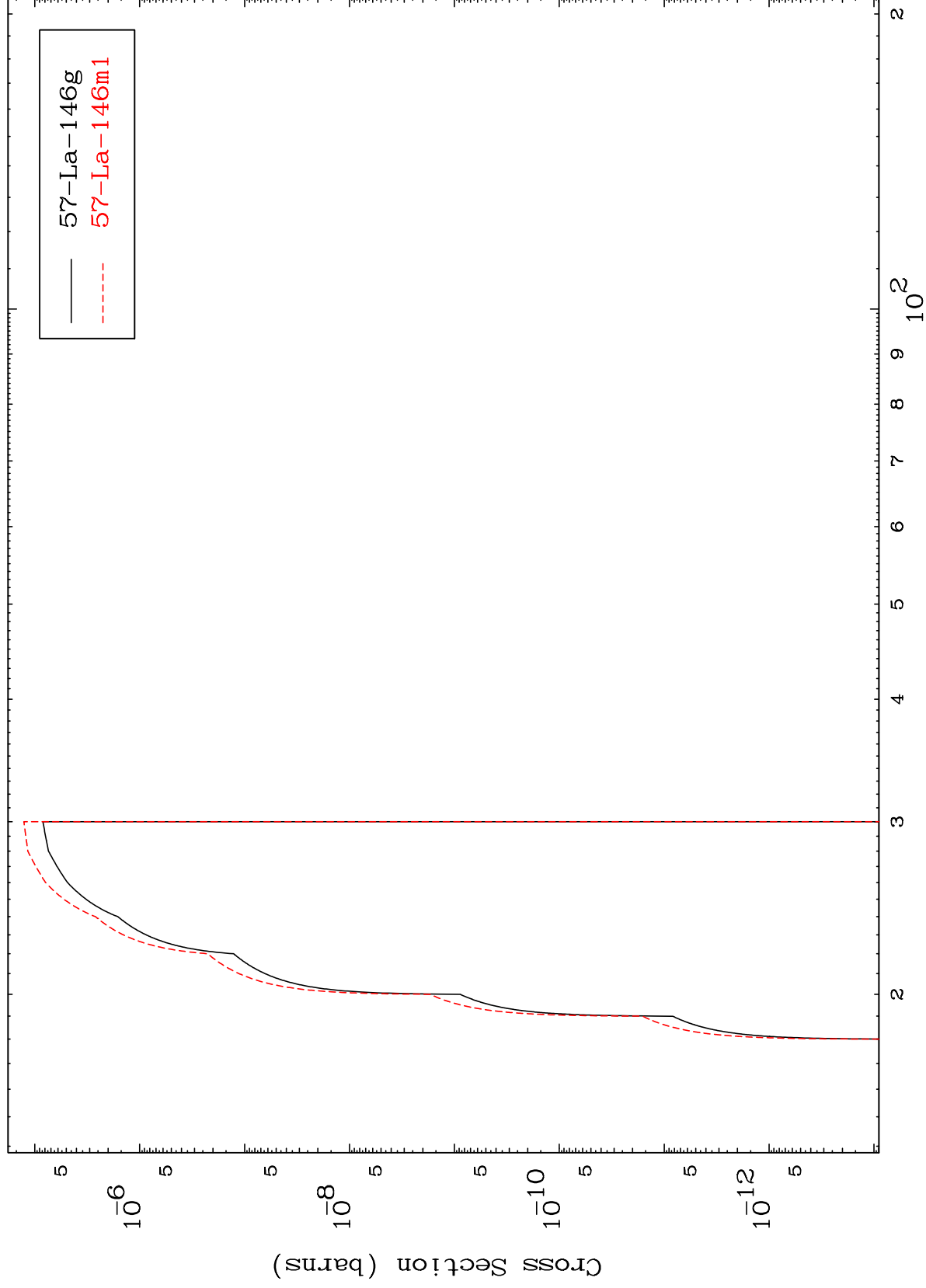
Incident Energy (MeV)

10

MAT 5861

58-Ce-148

(n,d)  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

58-Ce-148