

Program EVALPLOT  
(Version 2017-1)

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

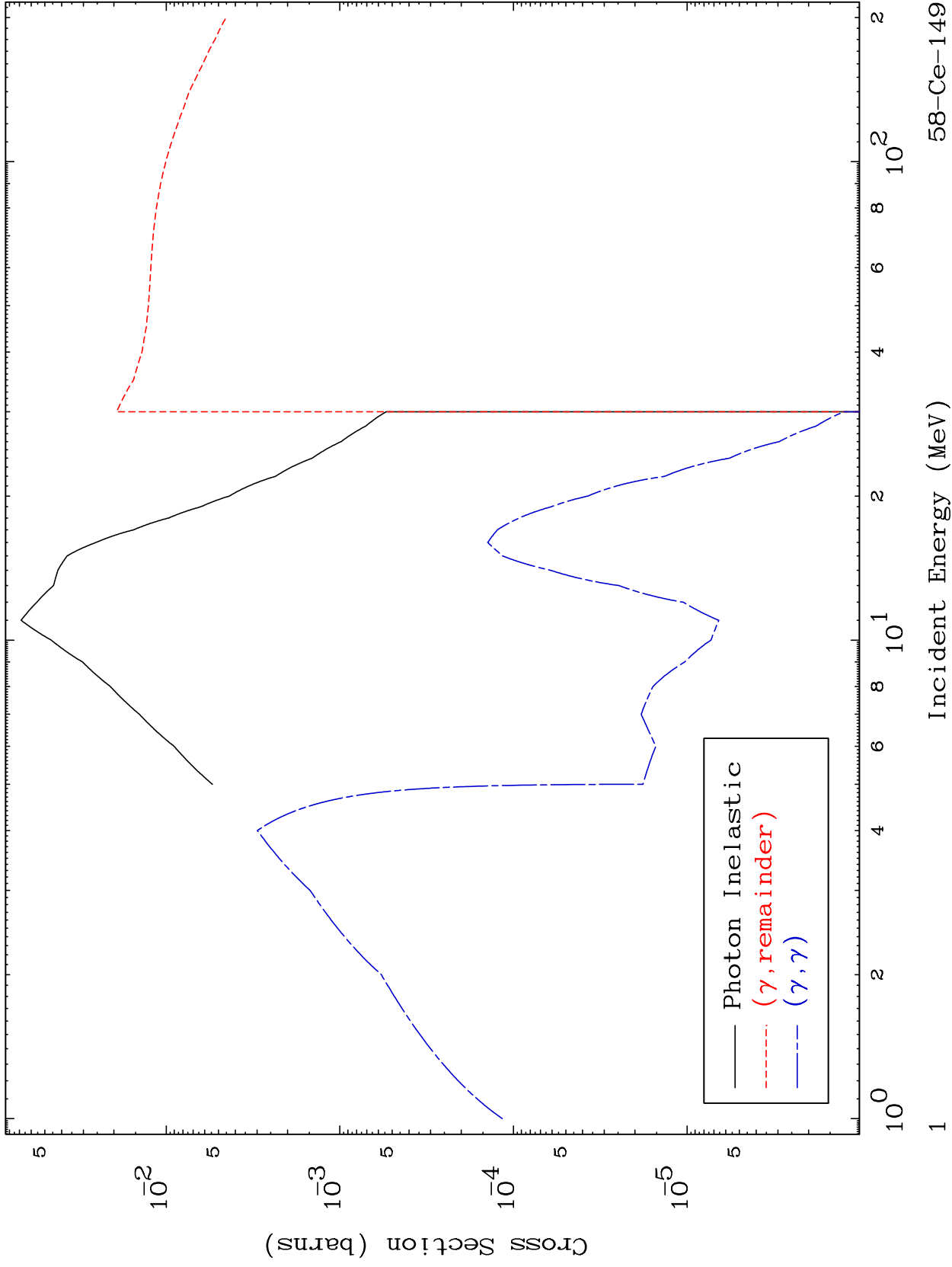
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5864

Photon Major  
0 Kelvin Cross Sections

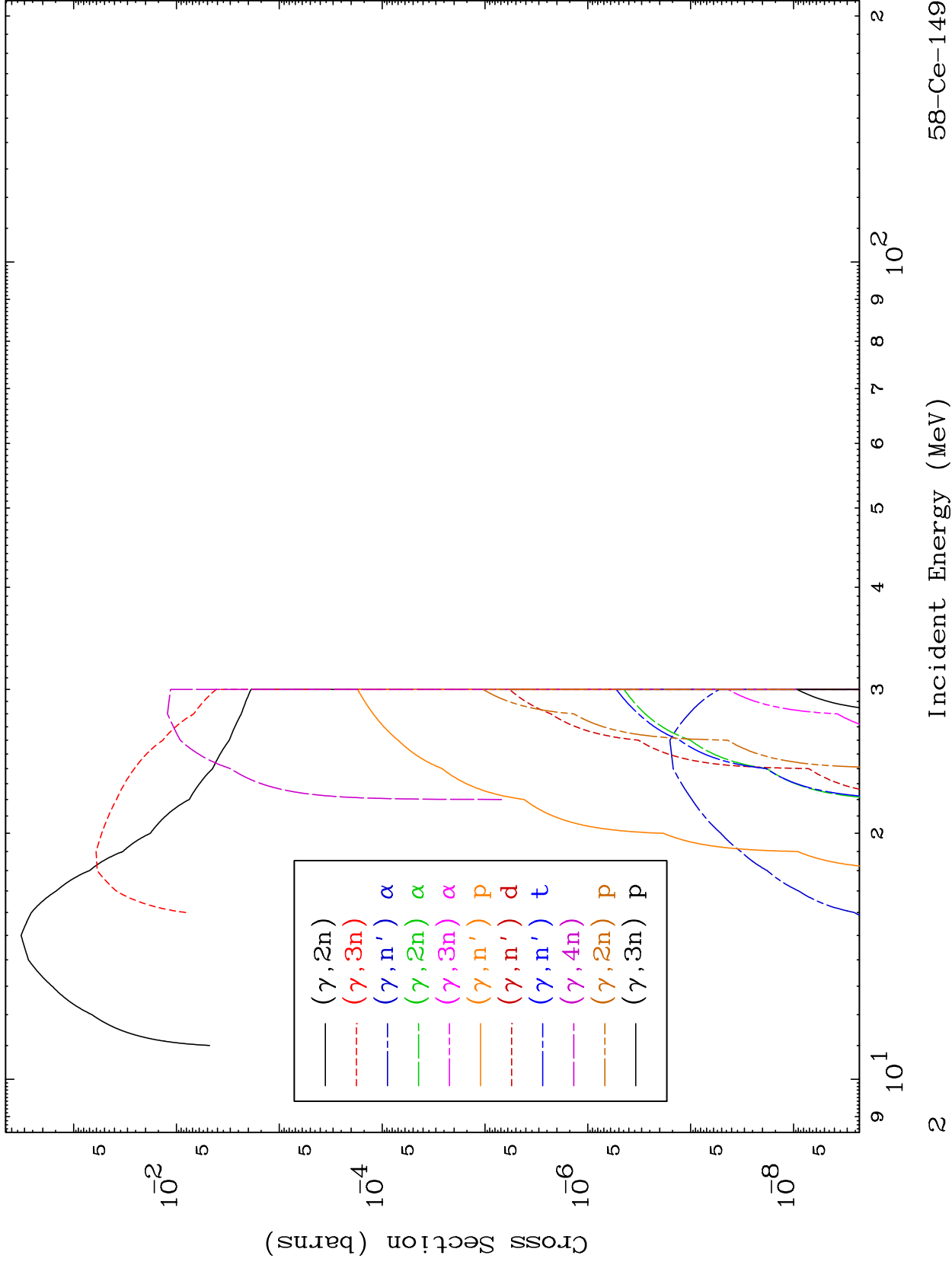
58-Ce-149



MAT 5864

Photon Neutron Production  
0 Kelvin Cross Sections

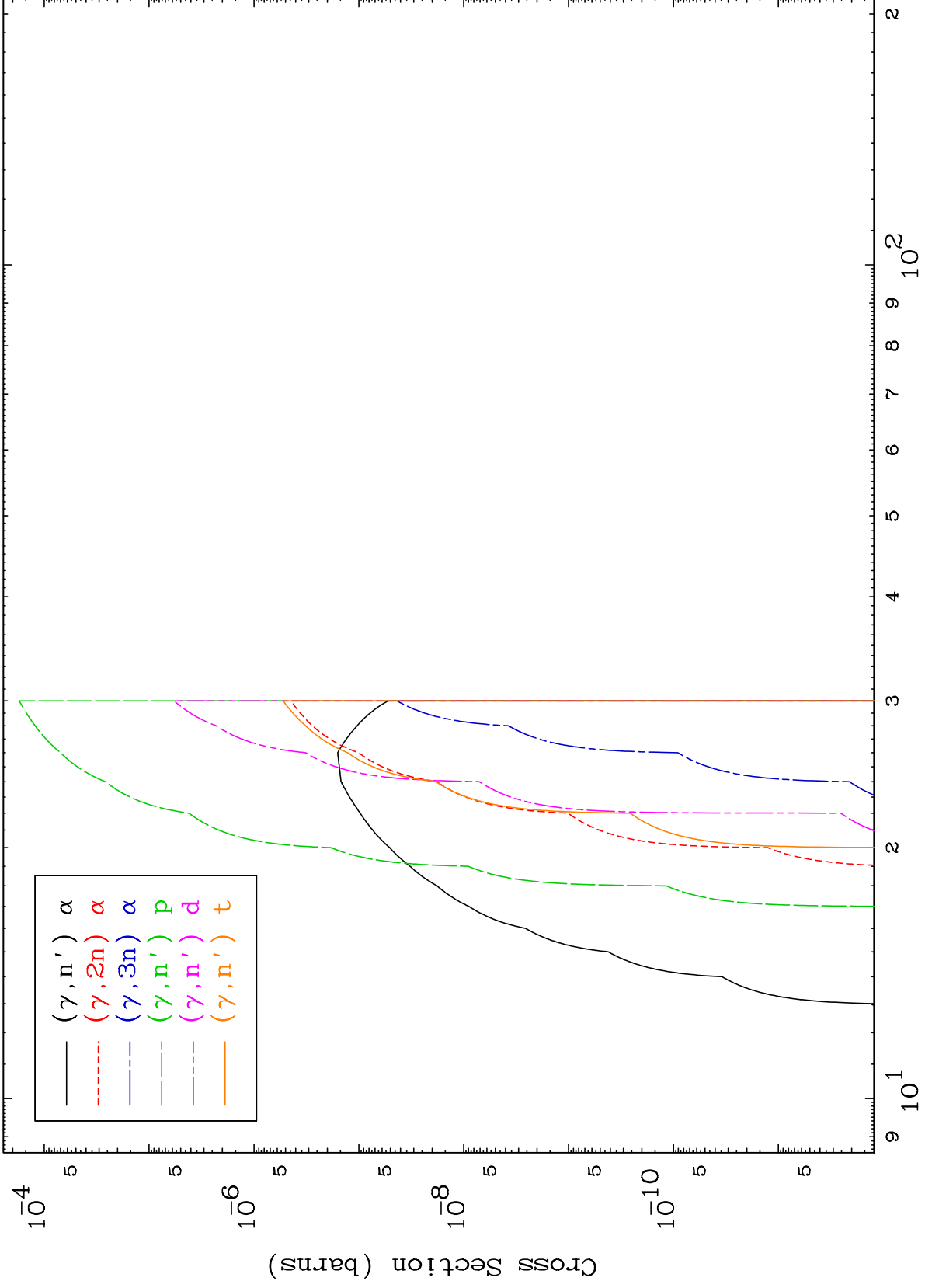
58-Ce-149



MAT 5864

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-149



Incident Energy (MeV)

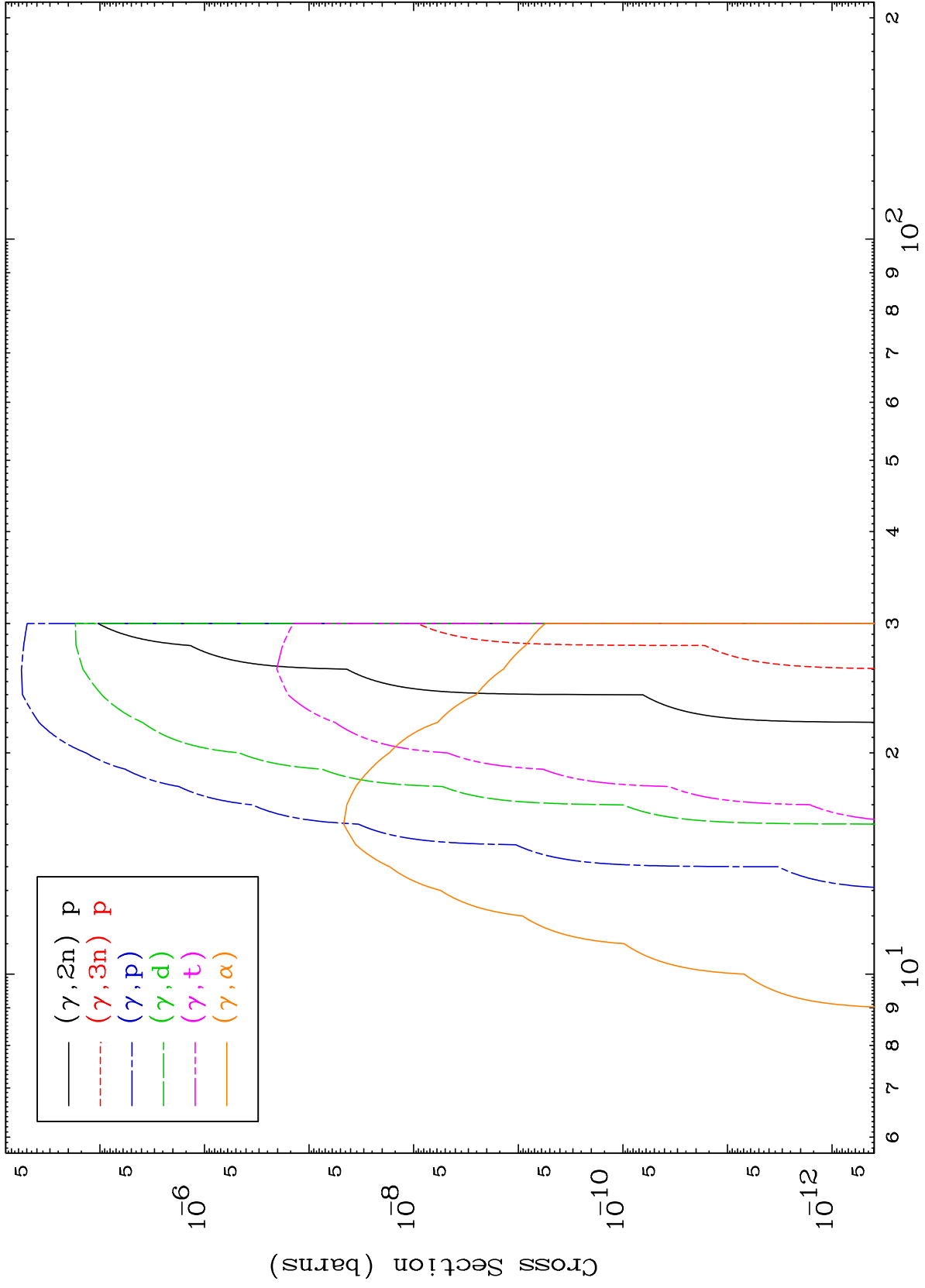
58-Ce-149

3

MAT 5864

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-149



4

Incident Energy (MeV)

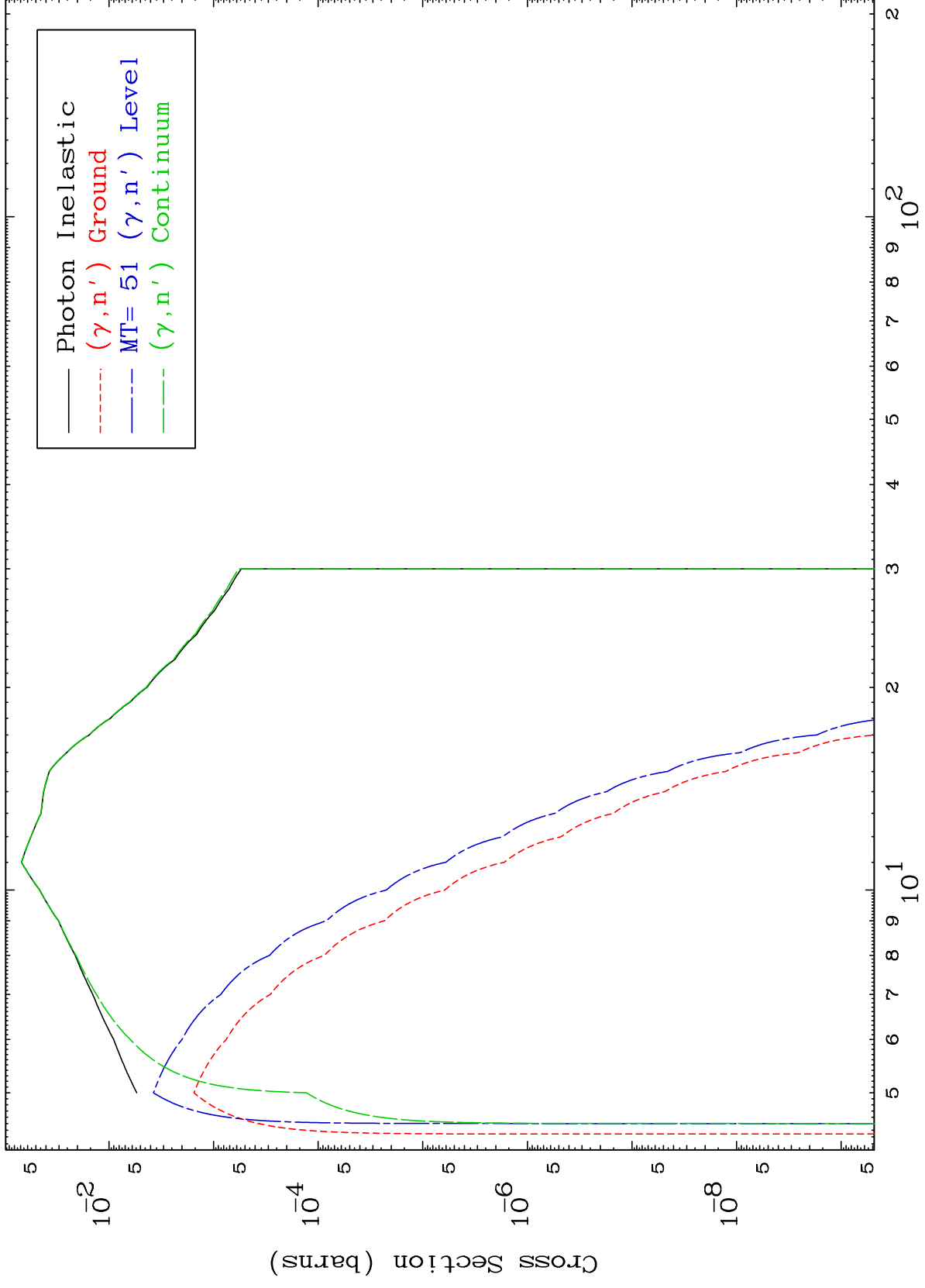
58-Ce-149

MAT 5864

$(\gamma, n')$  Level

58-Ce-149

0 Kelvin Cross Sections



Incident Energy (MeV)

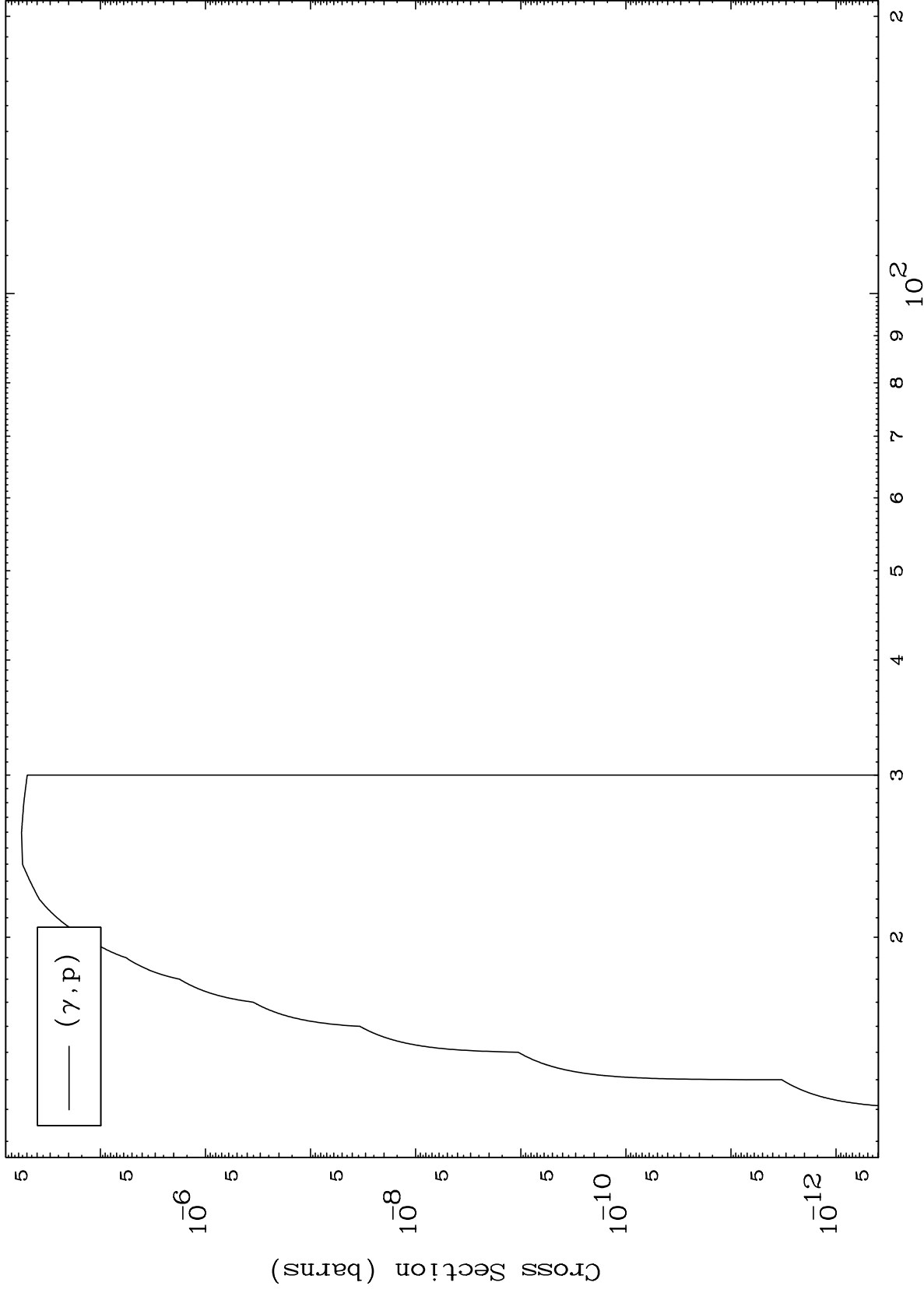
58-Ce-149

5

MAT 5864

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

58-Ce-149



6

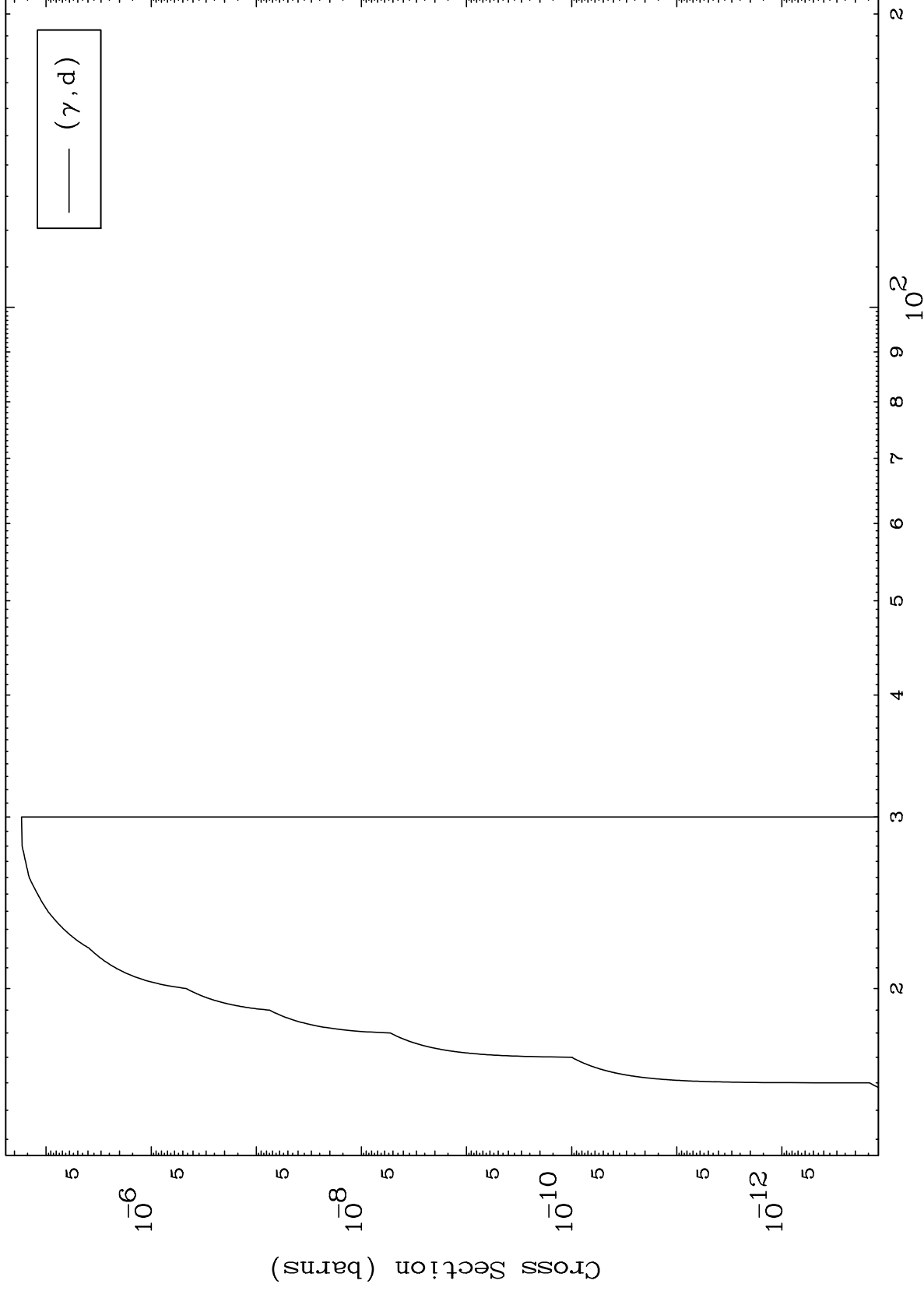
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



7

Incident Energy (MeV)

58-Ce-149

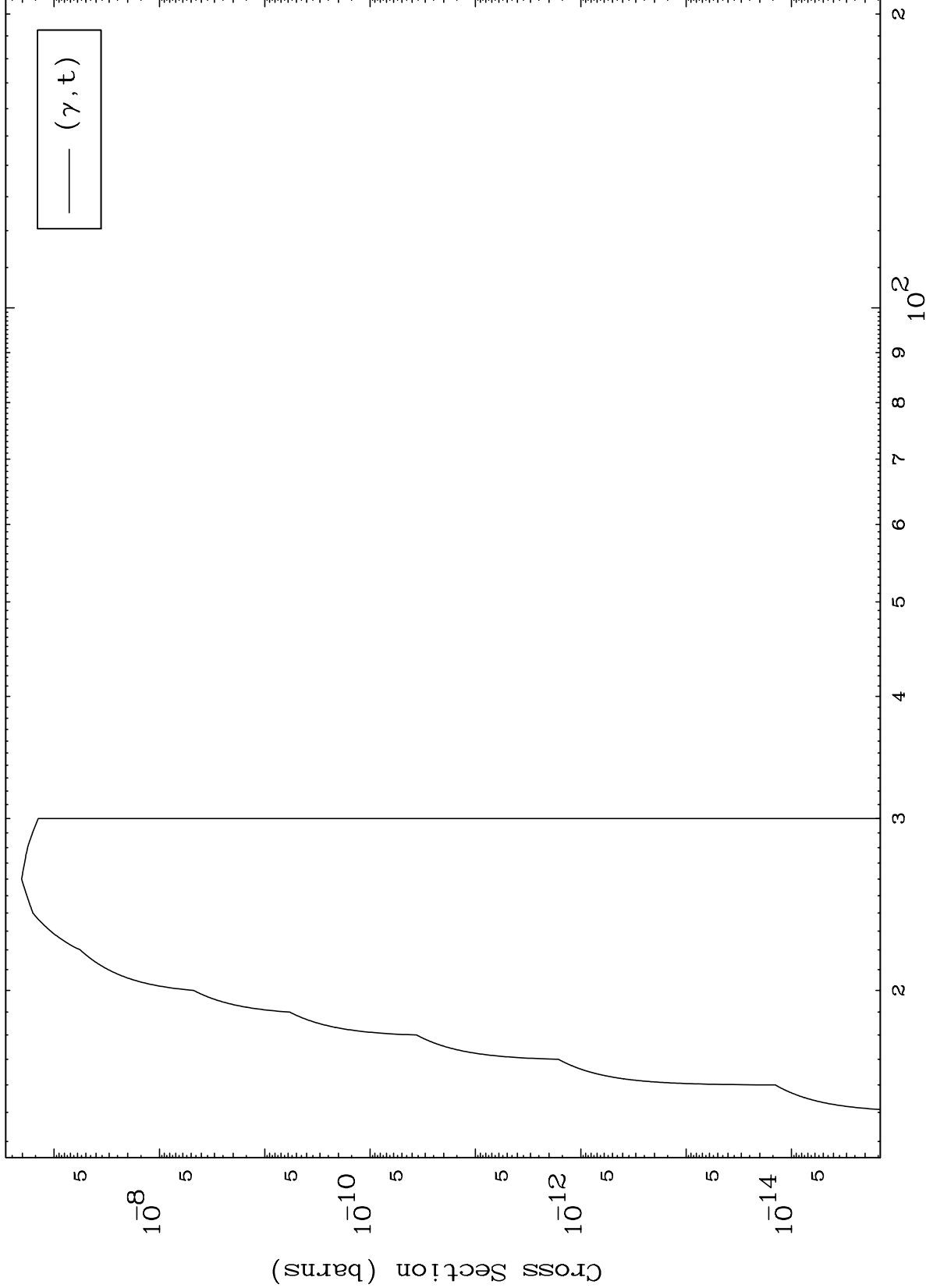


MAT 5864

( $\gamma, t$ ) Levels

58-Ce-149

0 Kelvin Cross Sections



8

Incident Energy (MeV)

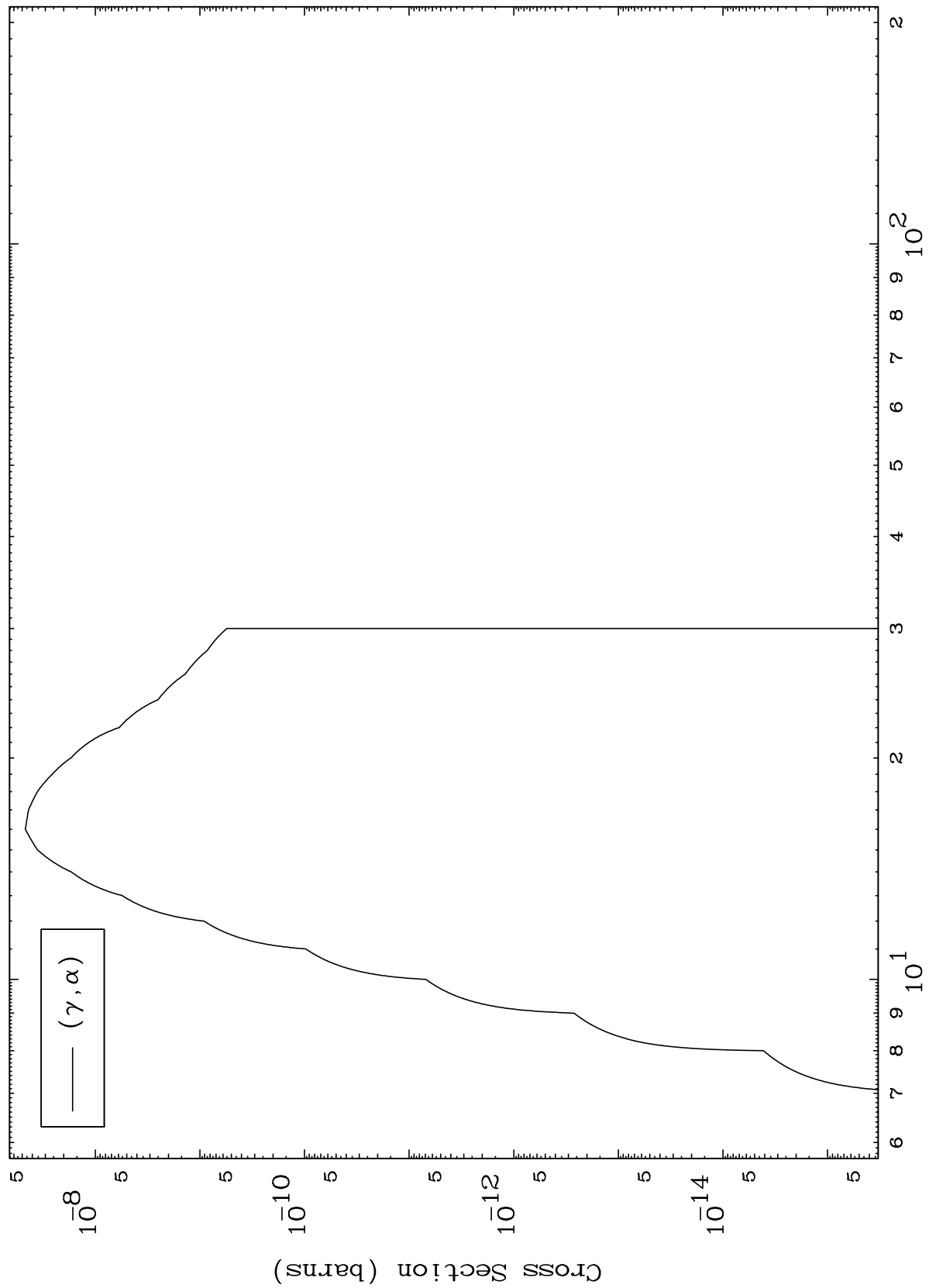
58-Ce-149

MAT 5864

( $\gamma, \alpha$ ) Levels

58-Ce-149

0 Kelvin Cross Sections



9

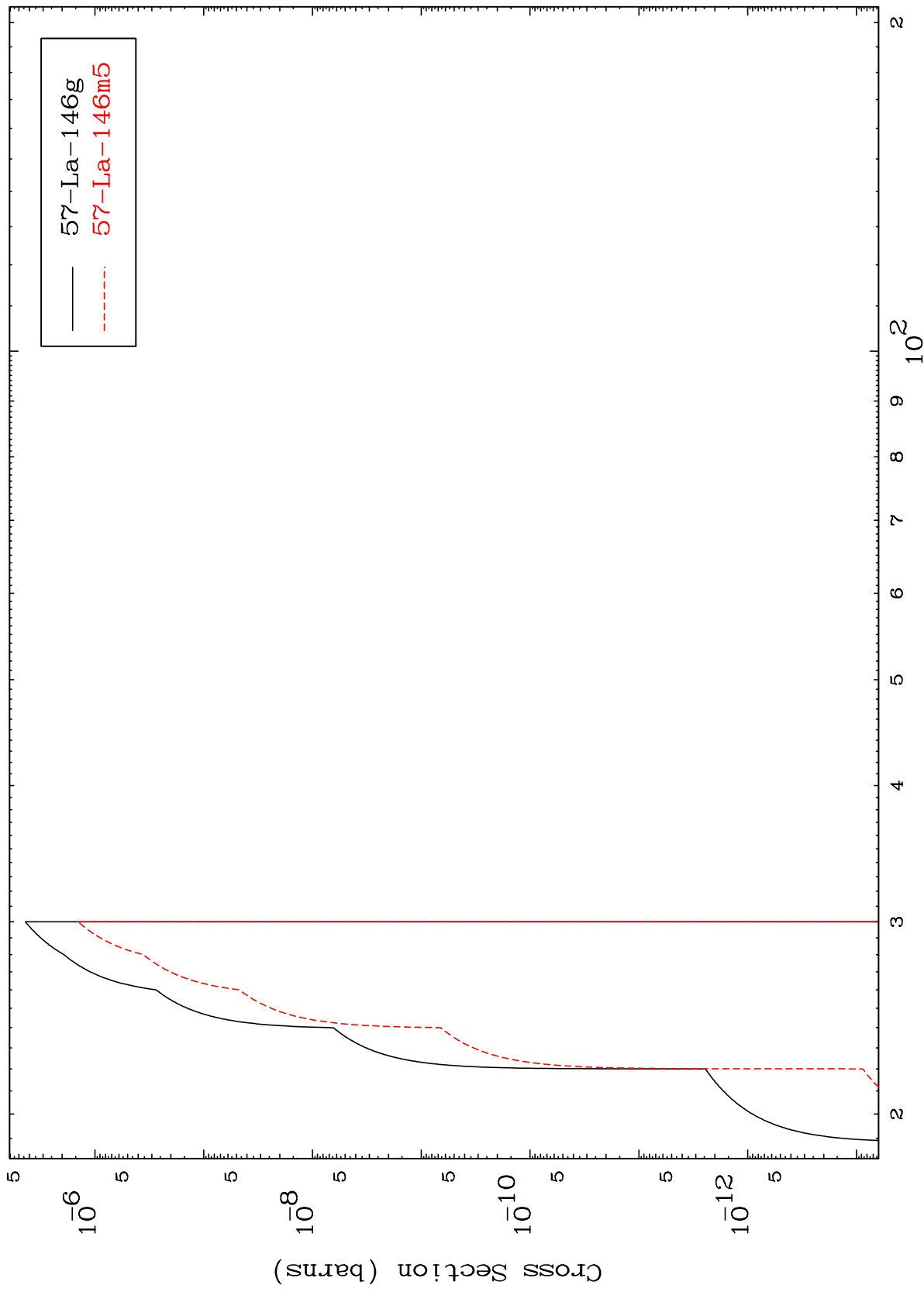
Incident Energy (MeV)

58-Ce-149

MAT 5864

58-Ce-149

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



58-Ce-149

Incident Energy (MeV)

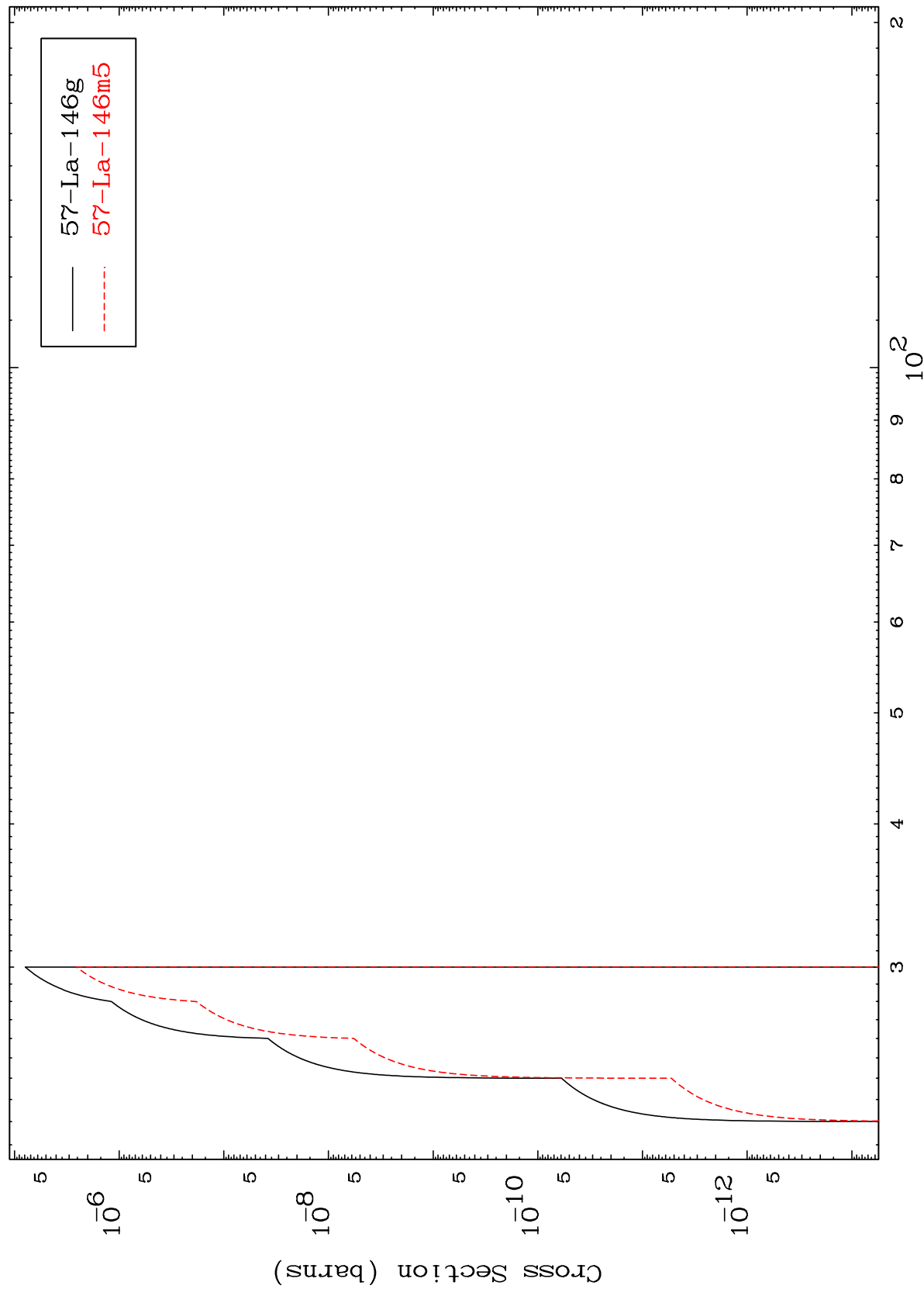
10

MAT 5864

( $\gamma, 2n$ ) p

58-Ce-149

Radionuclide Production Cross Section



11

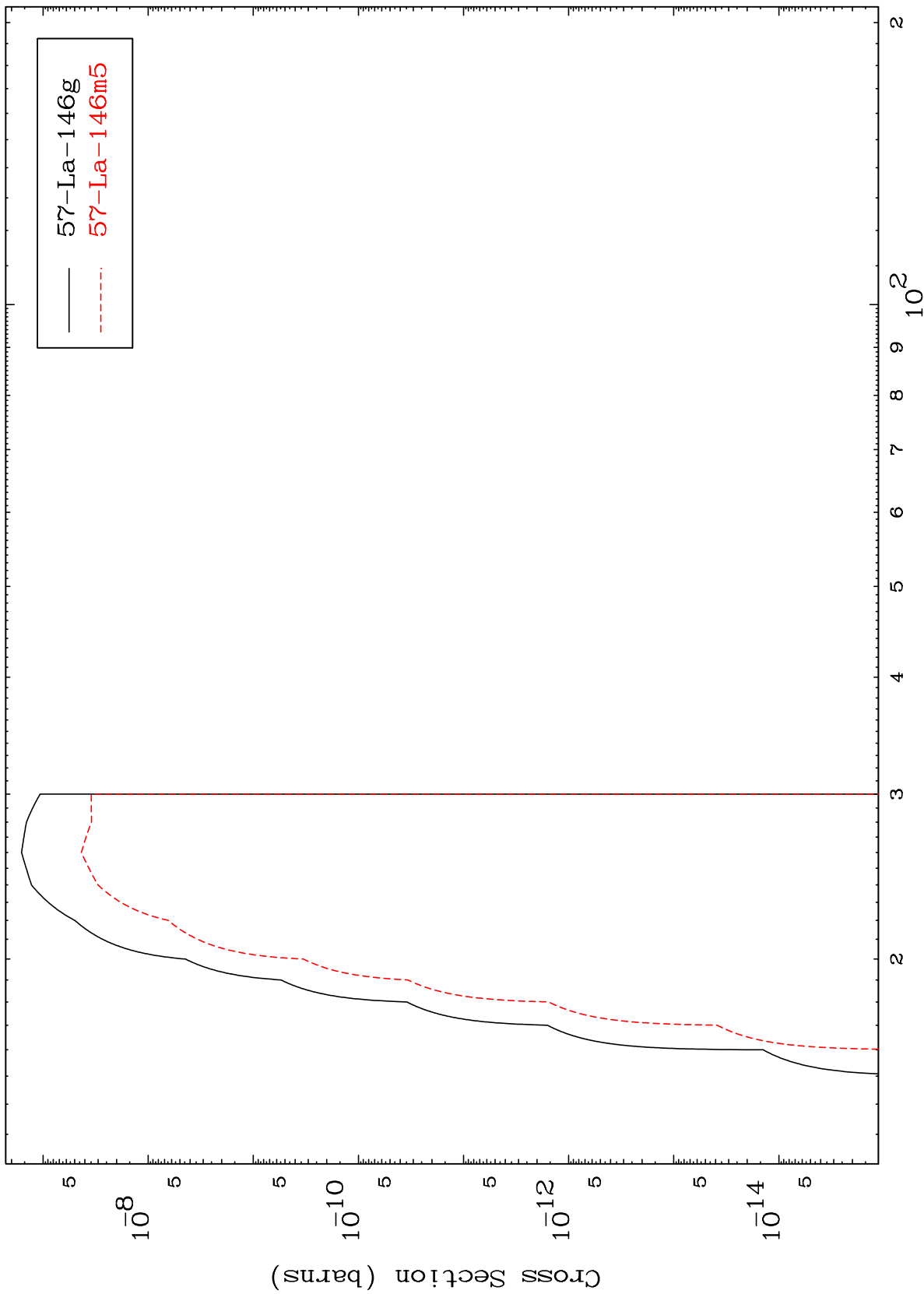
Incident Energy (MeV)

58-Ce-149

MAT 5864

58-Ce-149

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



12

Incident Energy (MeV)

58-Ce-149