

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](mailto:redcullen1@comcast.net)

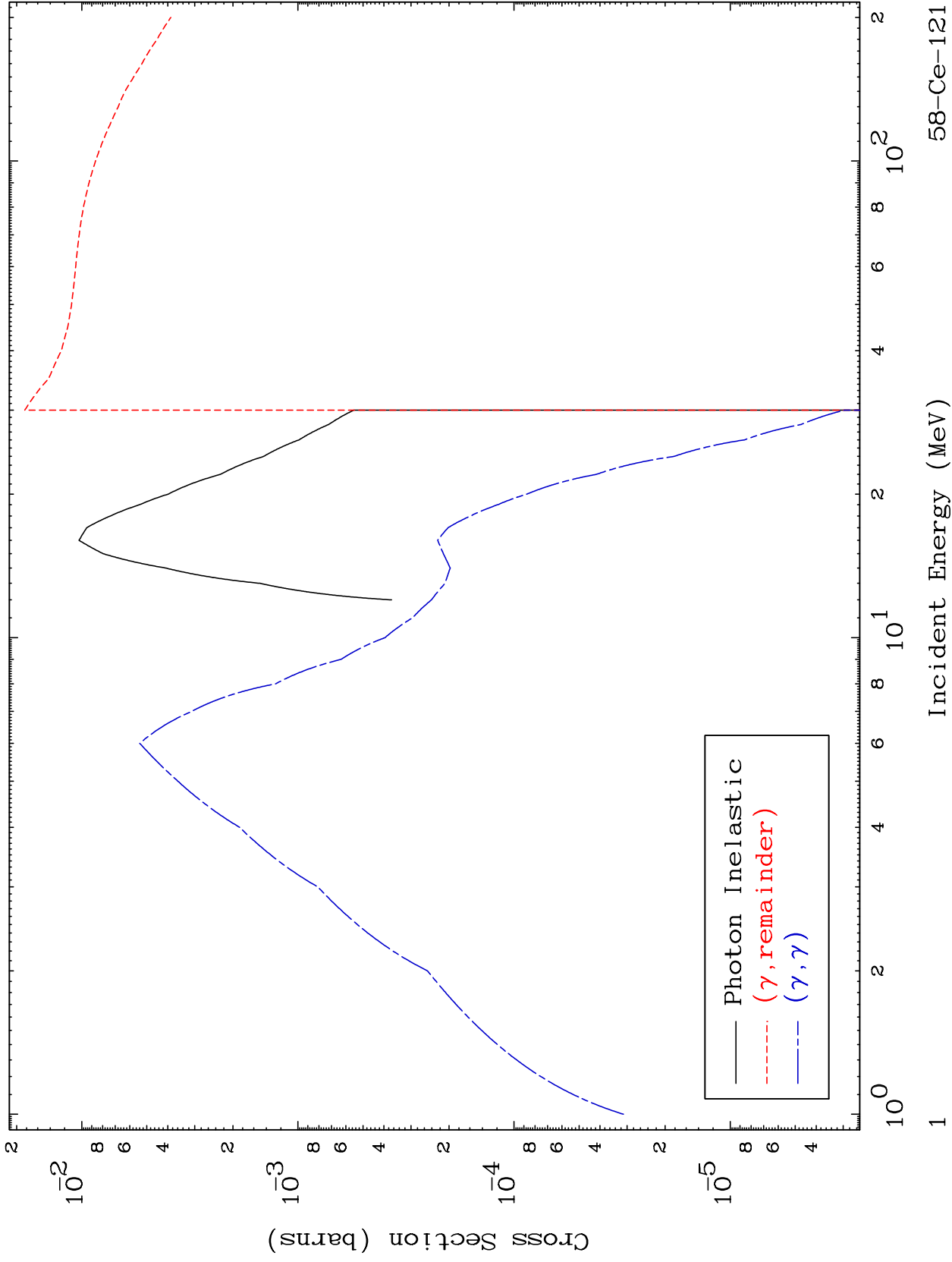
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5780

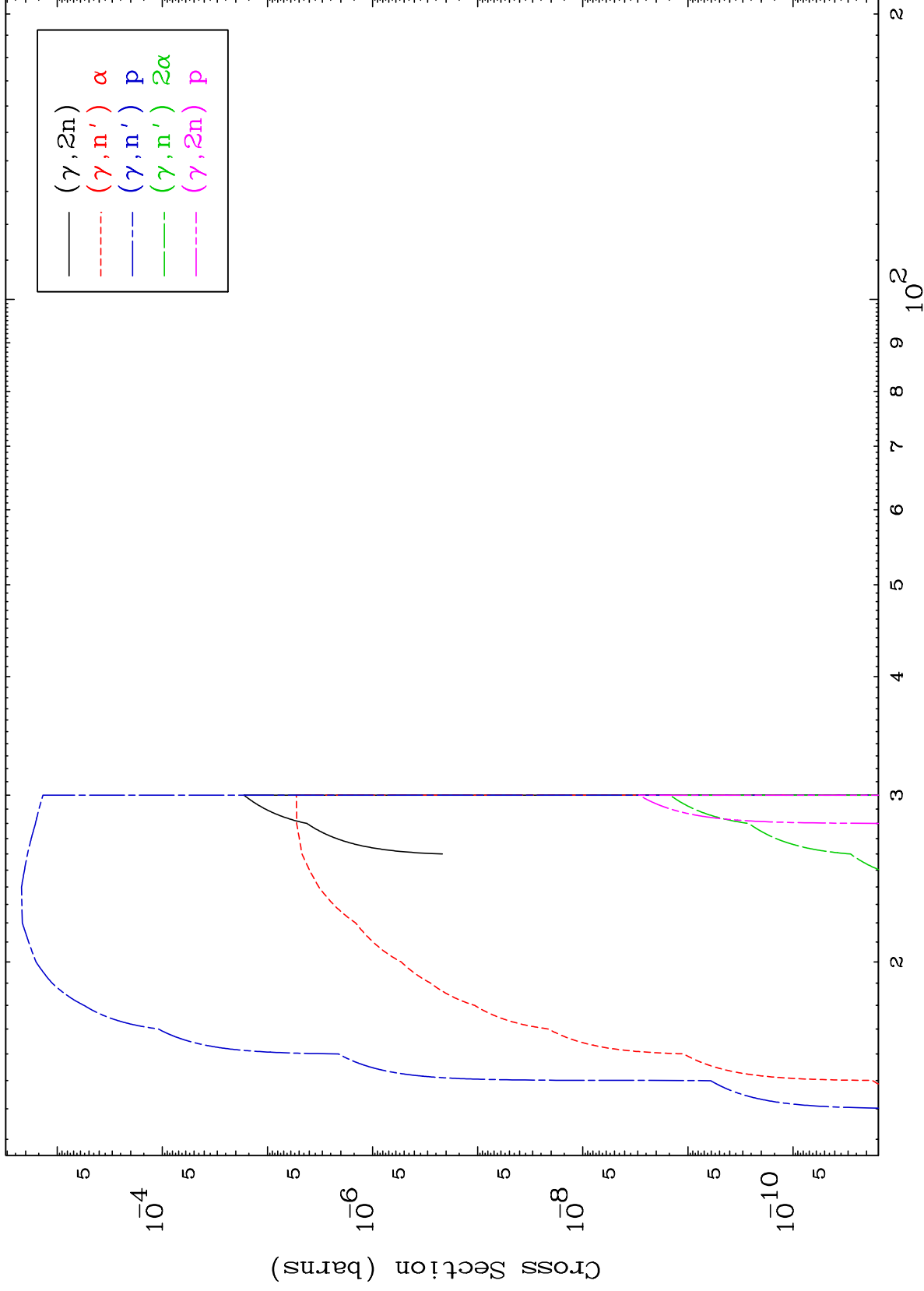
Photon Major  
0 Kelvin Cross Sections

58-Ce-121



Incident Energy (MeV)

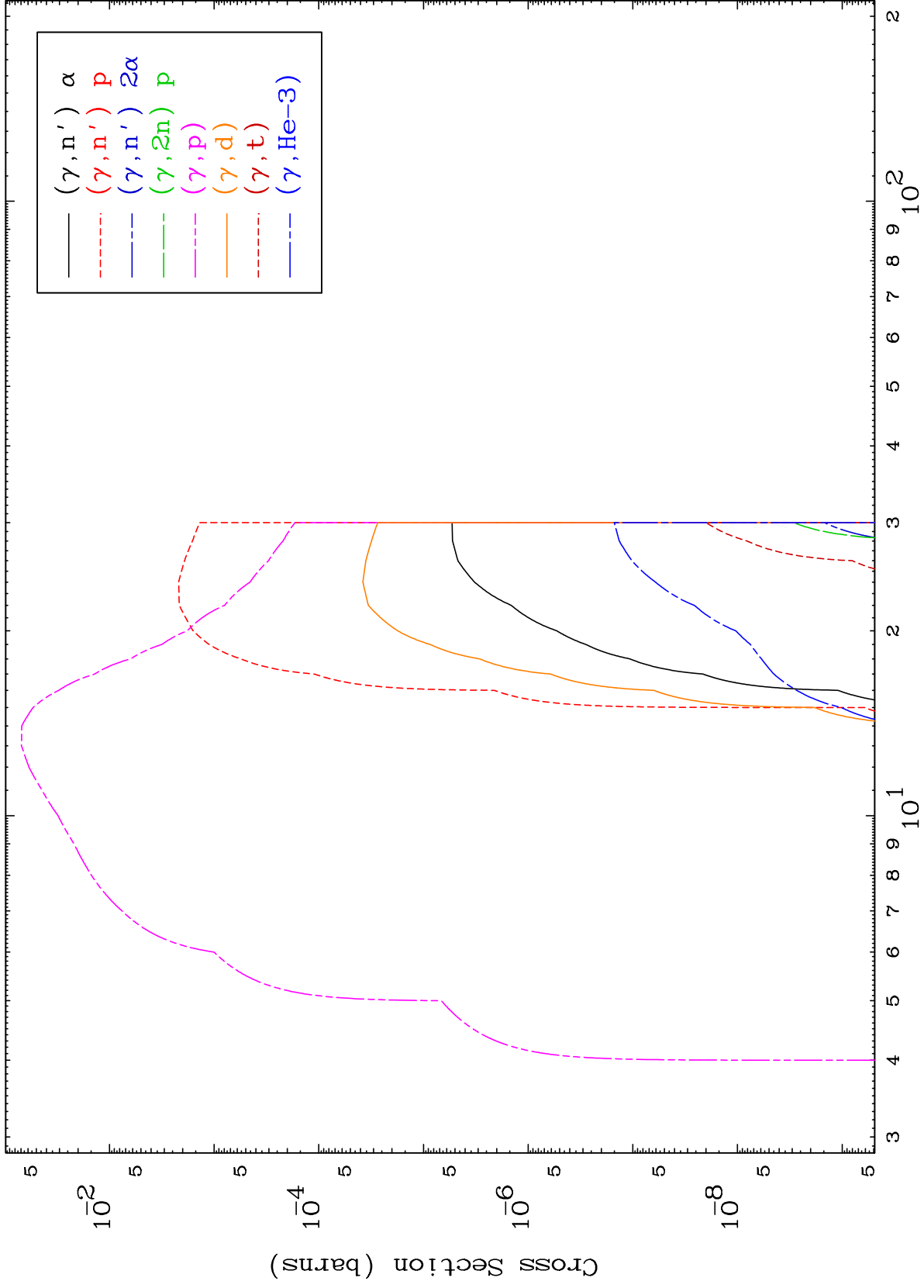
58-Ce-121



MAT 5780

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-121



58-Ce-121

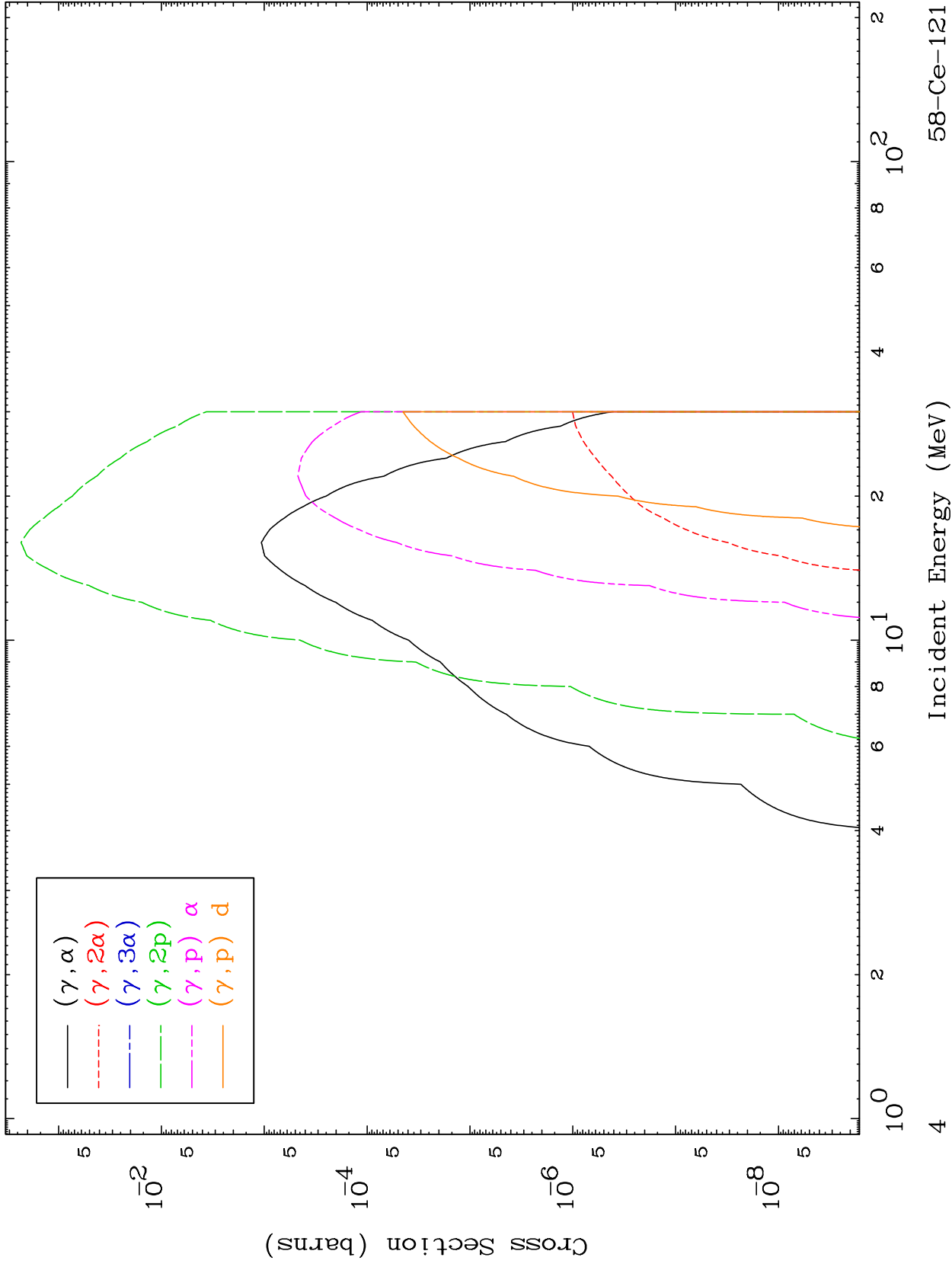
Incident Energy (MeV)

3

MAT 5780

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-121



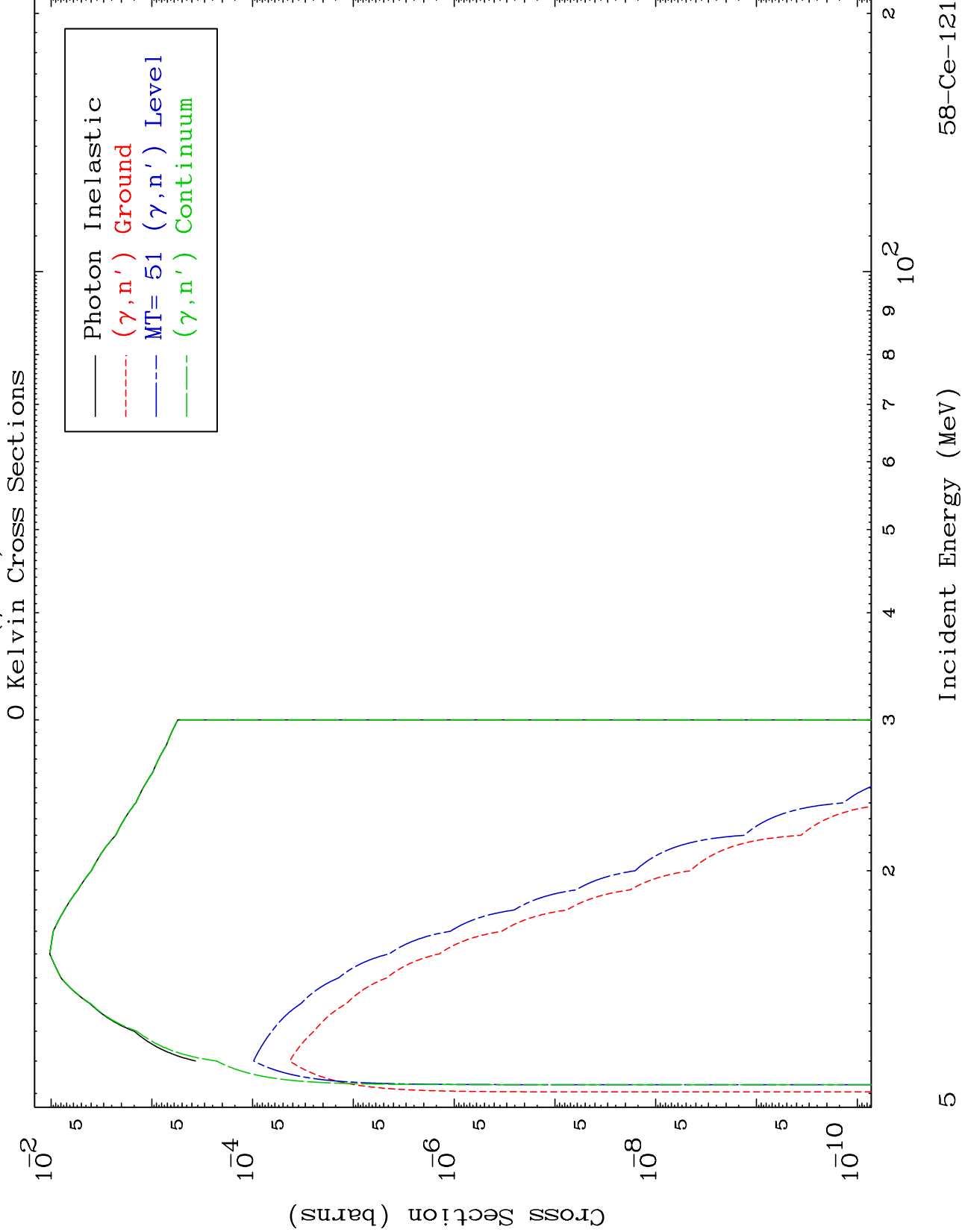
Incident Energy (MeV)

58-Ce-121

MAT 5780

( $\gamma, n'$ ) Level

58-Ce-121



5

Incident Energy (MeV)

58-Ce-121

10<sup>2</sup>

9

8

7

6

5

4

3

2

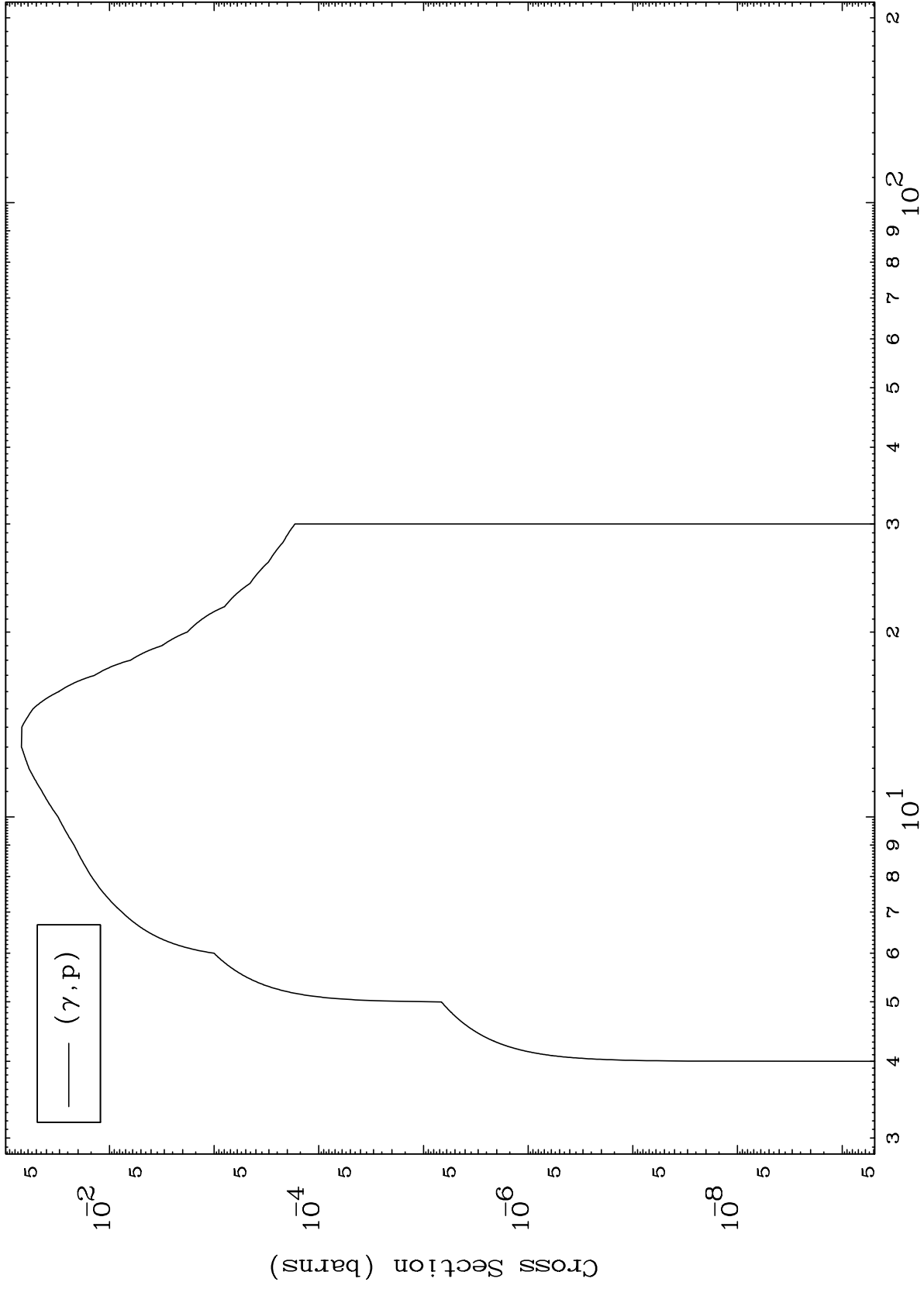
1

0

MAT 5780

58-Ce-121

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



Incident Energy (MeV)

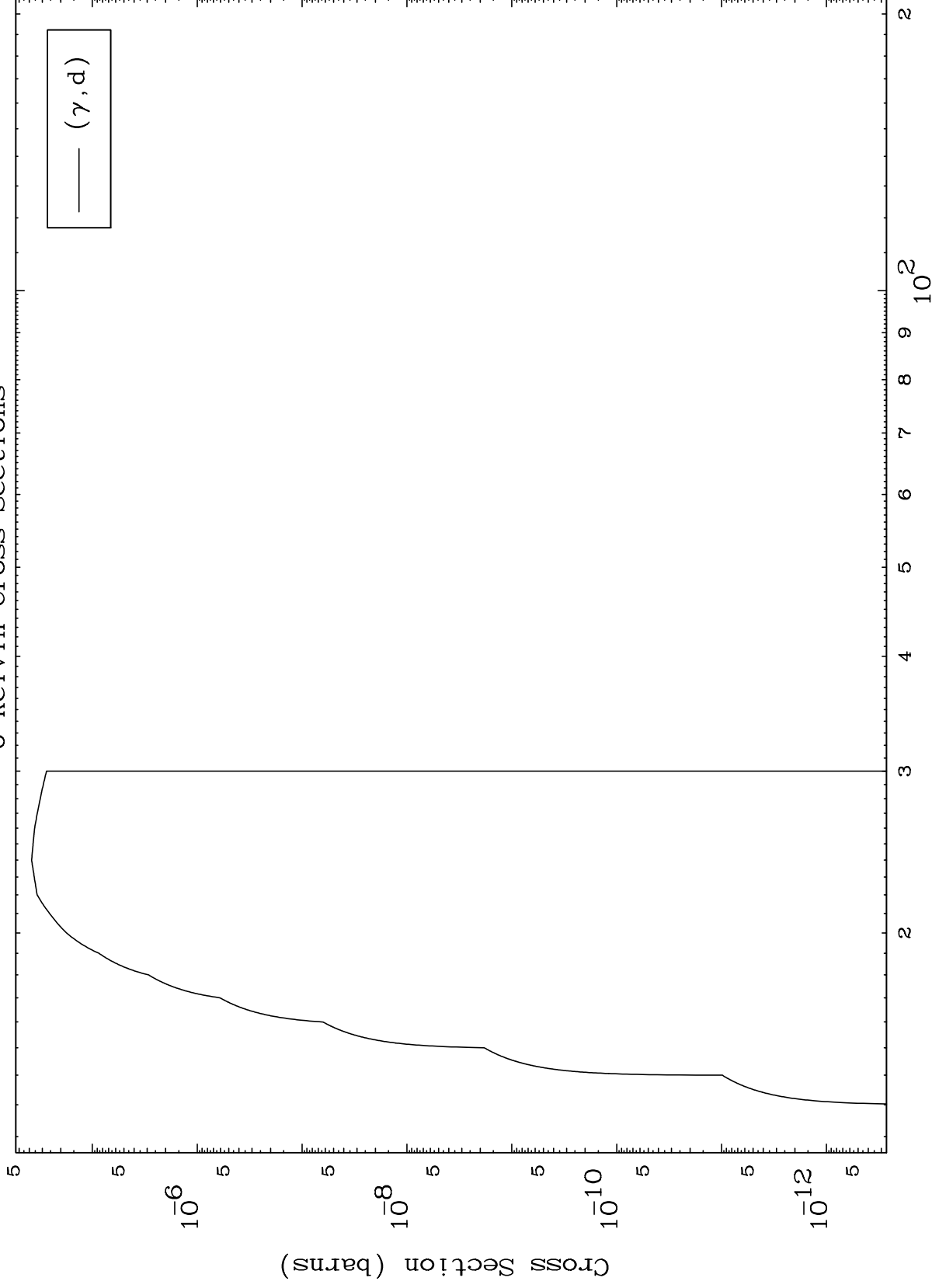
58-Ce-121

6

MAT 5780

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

58-Ce-121

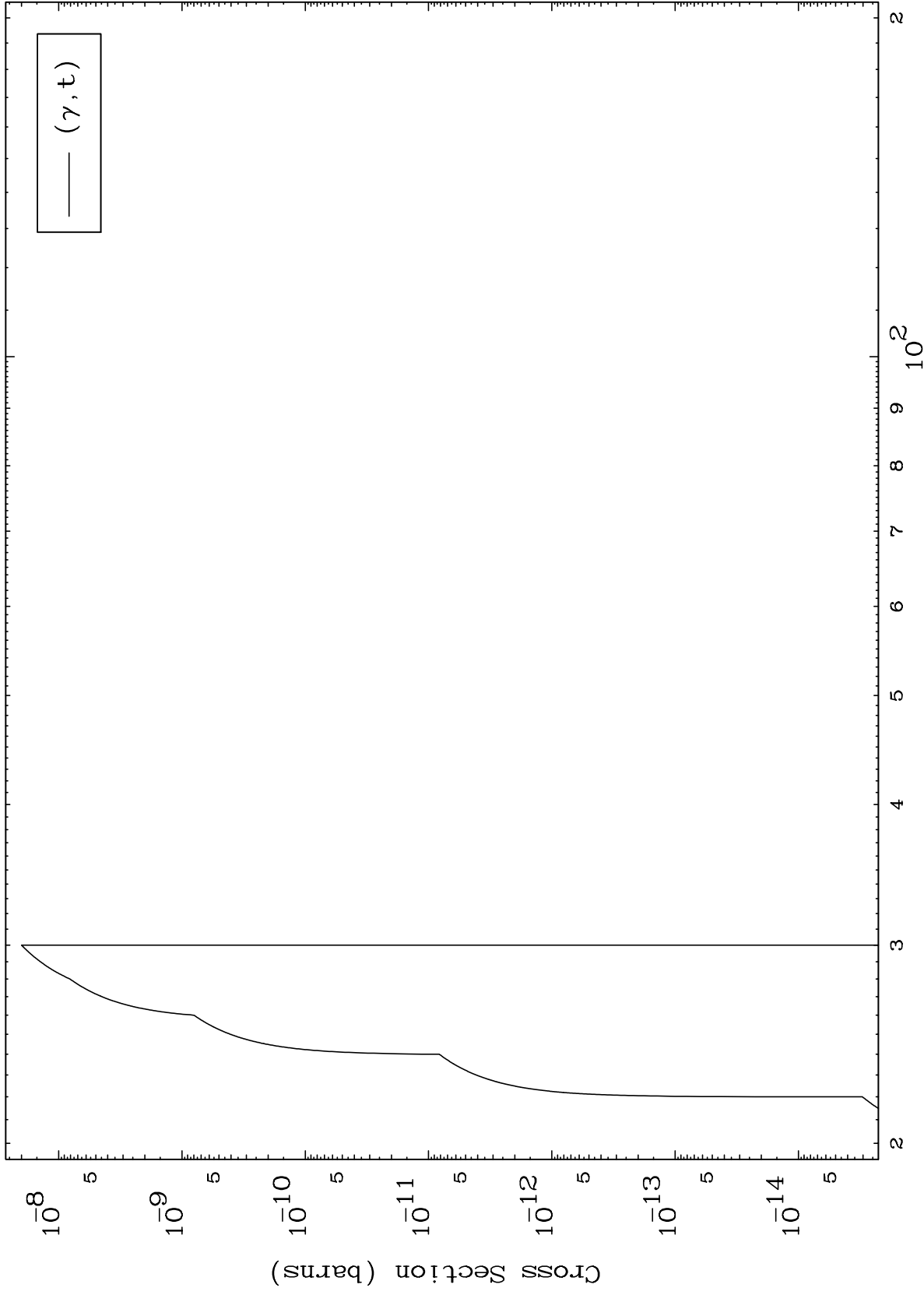




MAT 5780

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

58-Ce-121



8

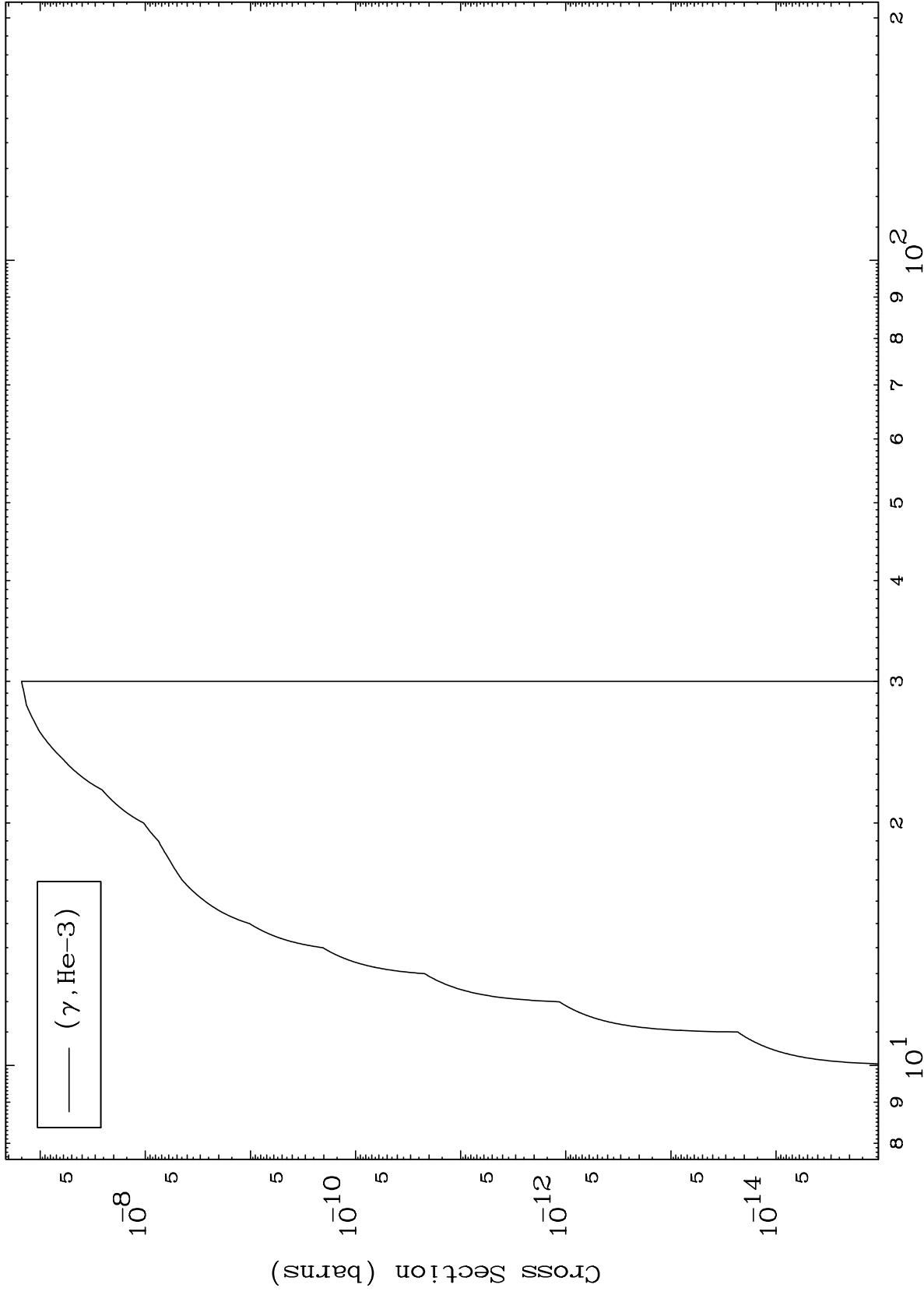
Incident Energy (MeV)

58-Ce-121

MAT 5780

( $\gamma$ ,He3) Levels  
0 Kelvin Cross Sections

58-Ce-121



9

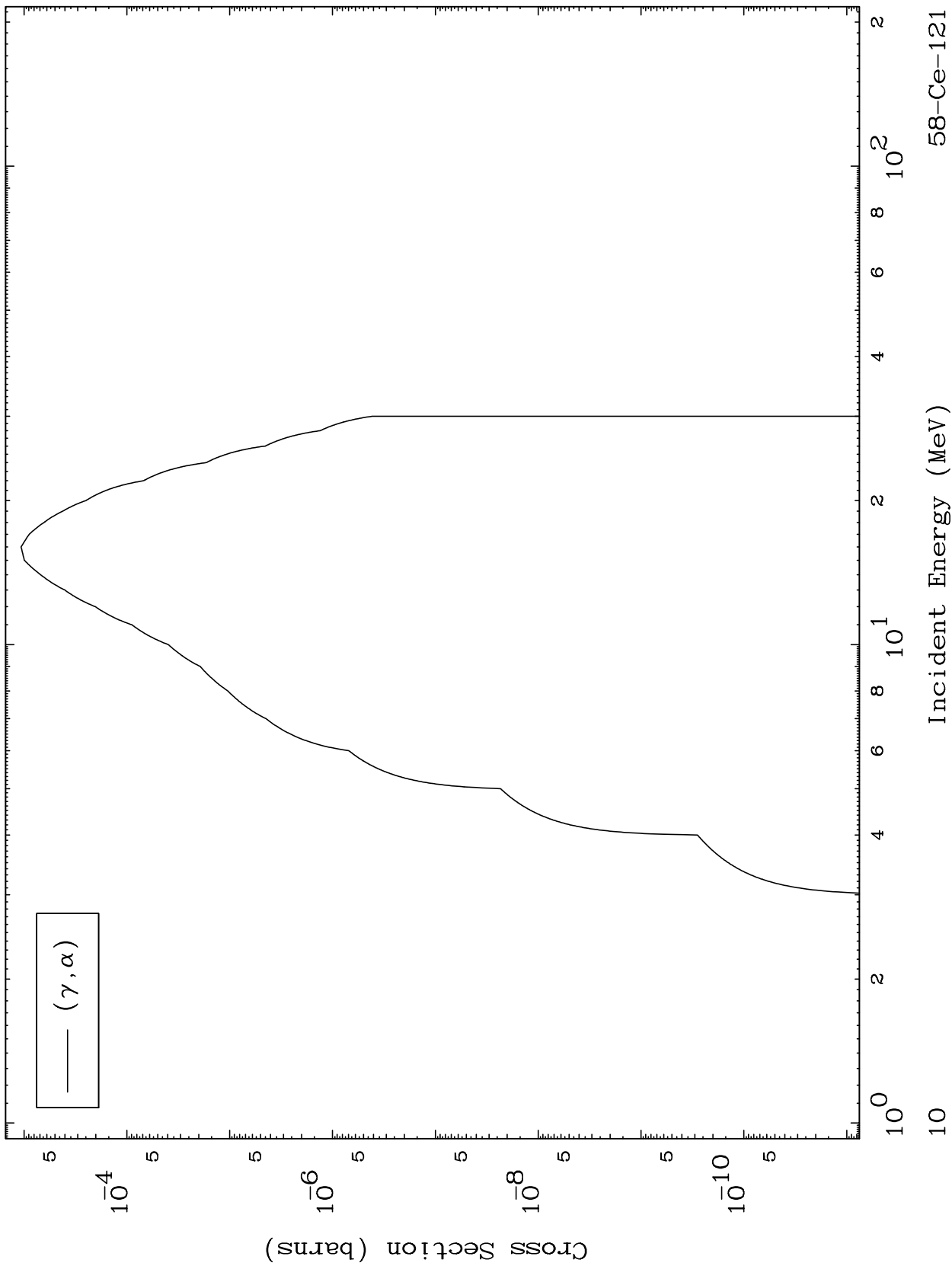
Incident Energy (MeV)

58-Ce-121

MAT 5780

58-Ce-121

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



58-Ce-121

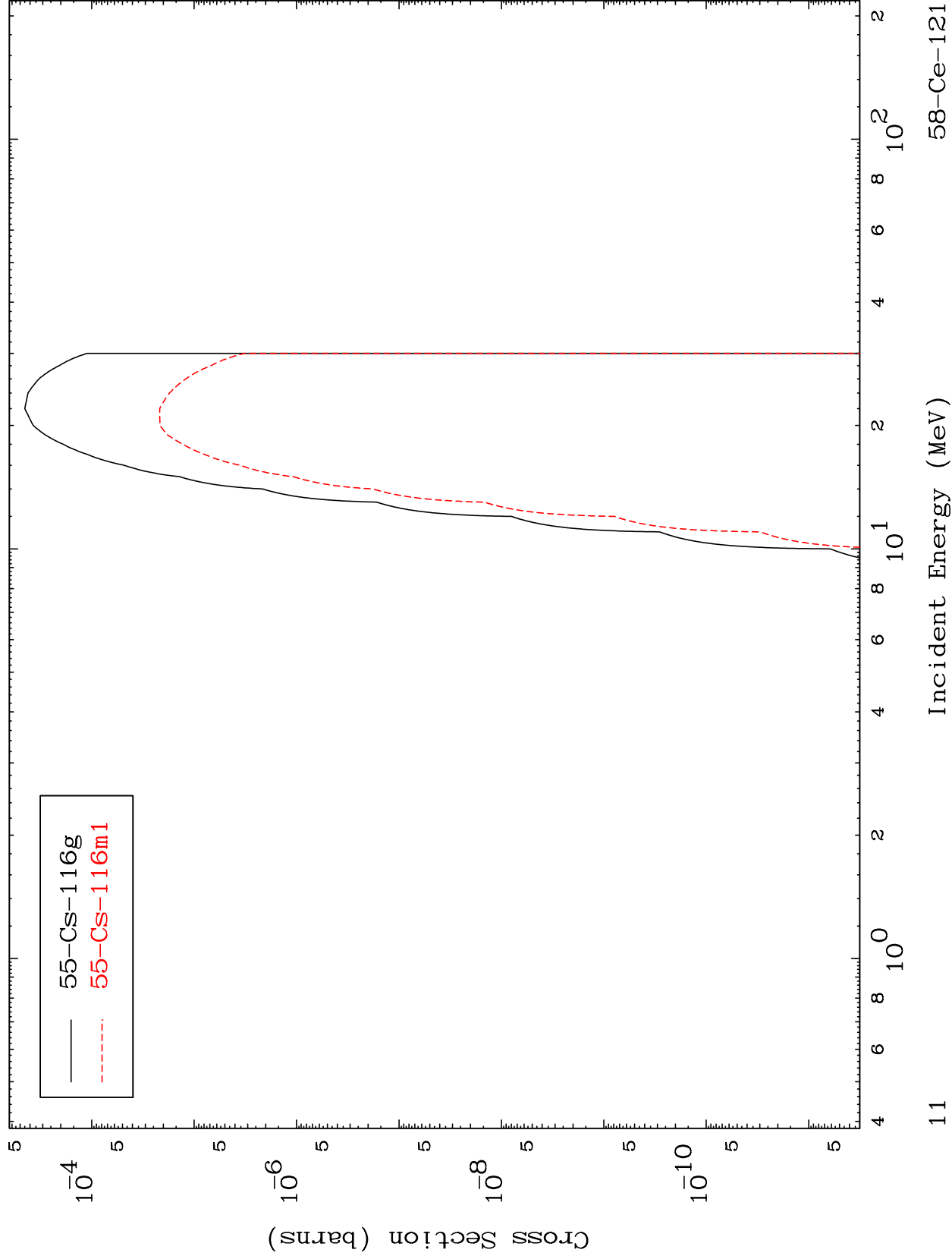
Incident Energy (MeV)

MAT 5780

( $\gamma, p$ )  $\alpha$

58-Ce-121

Radionuclide Production Cross Section



11

Incident Energy (MeV)

58-Ce-121