

Program EVALPLOT  
(Version 2017-1)

by

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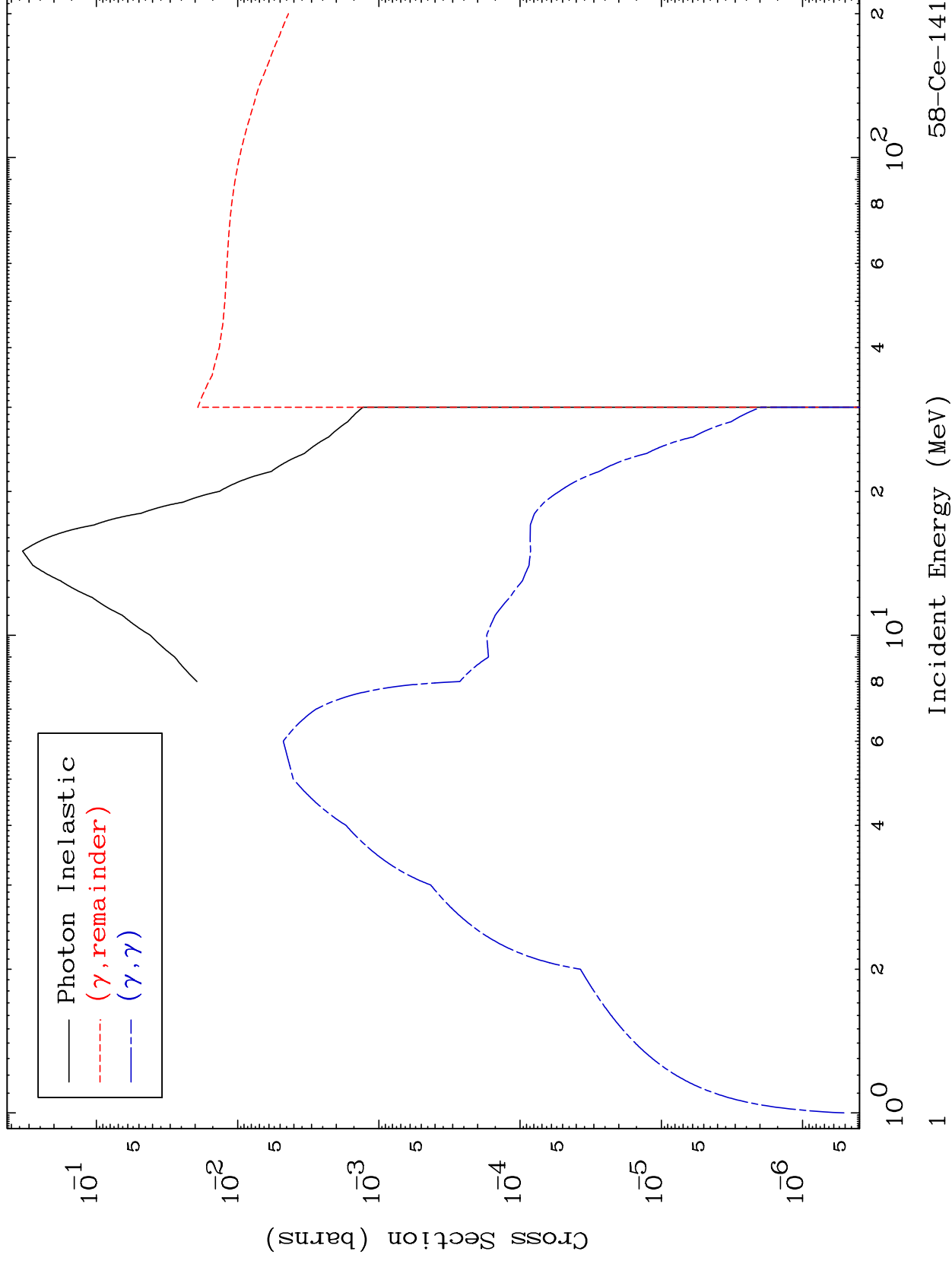
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5840

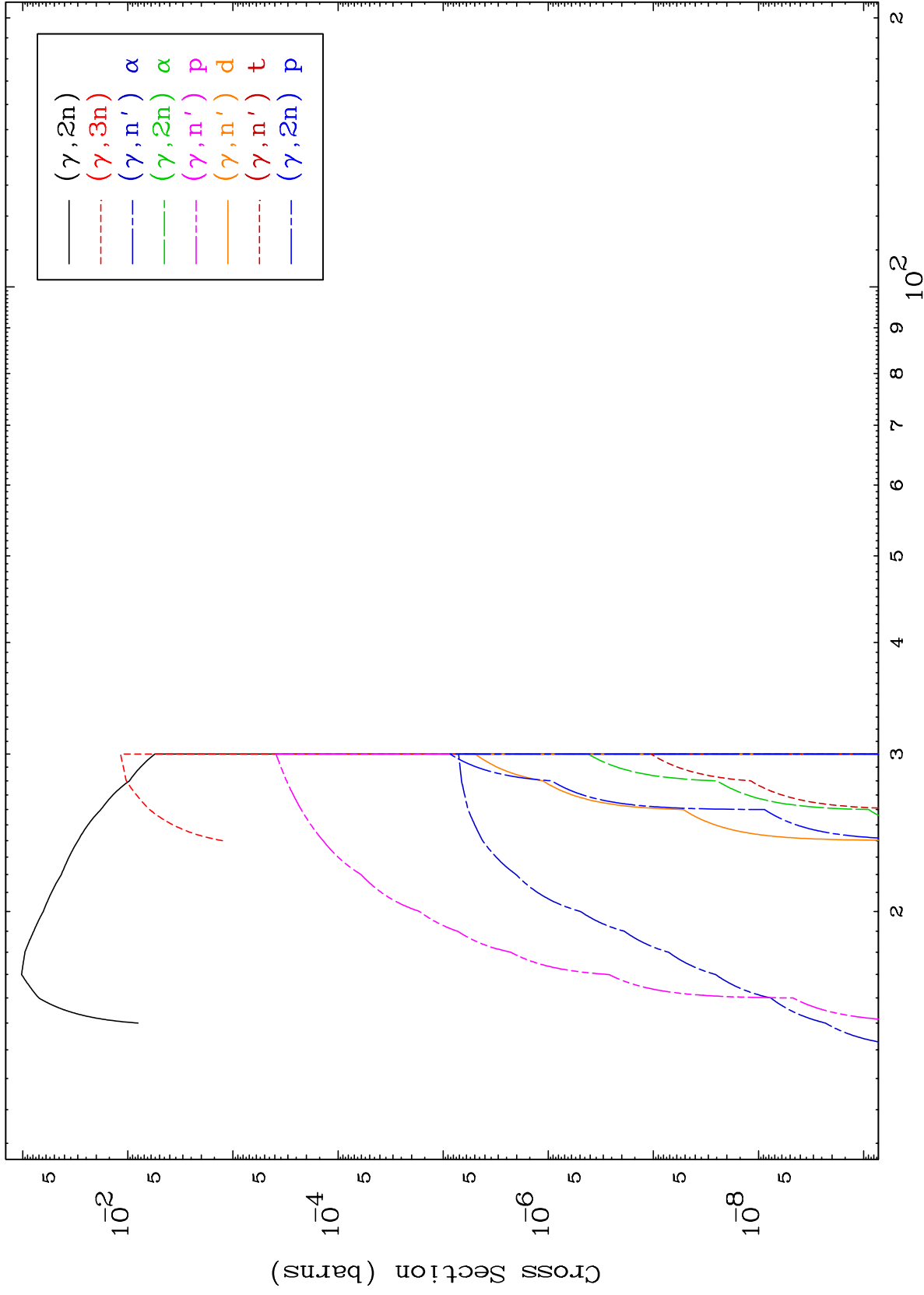
Photon Major  
0 Kelvin Cross Sections

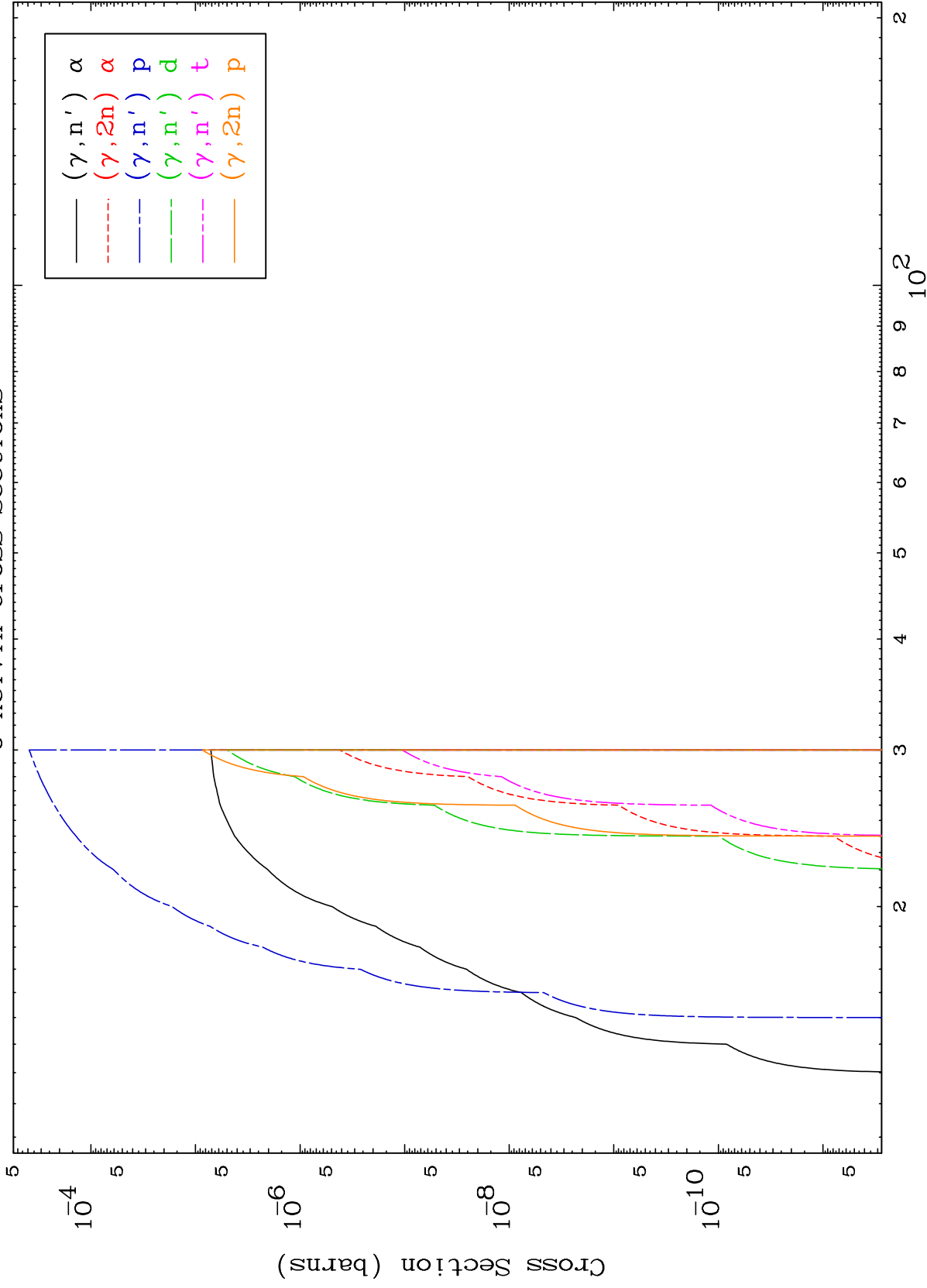
58-Ce-141



58-Ce-141

Incident Energy (MeV)

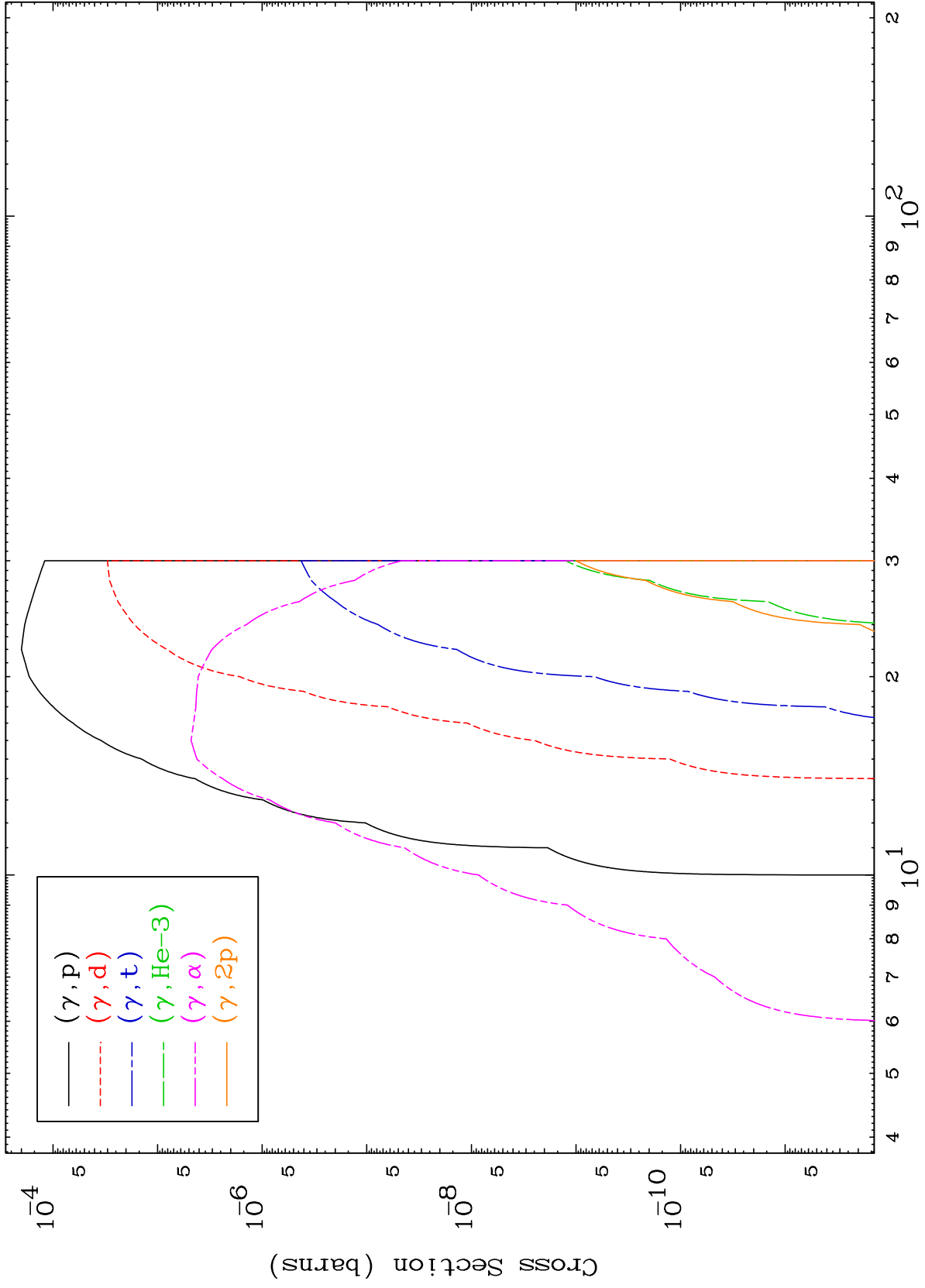




MAT 5840

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-141



4

Incident Energy (MeV)

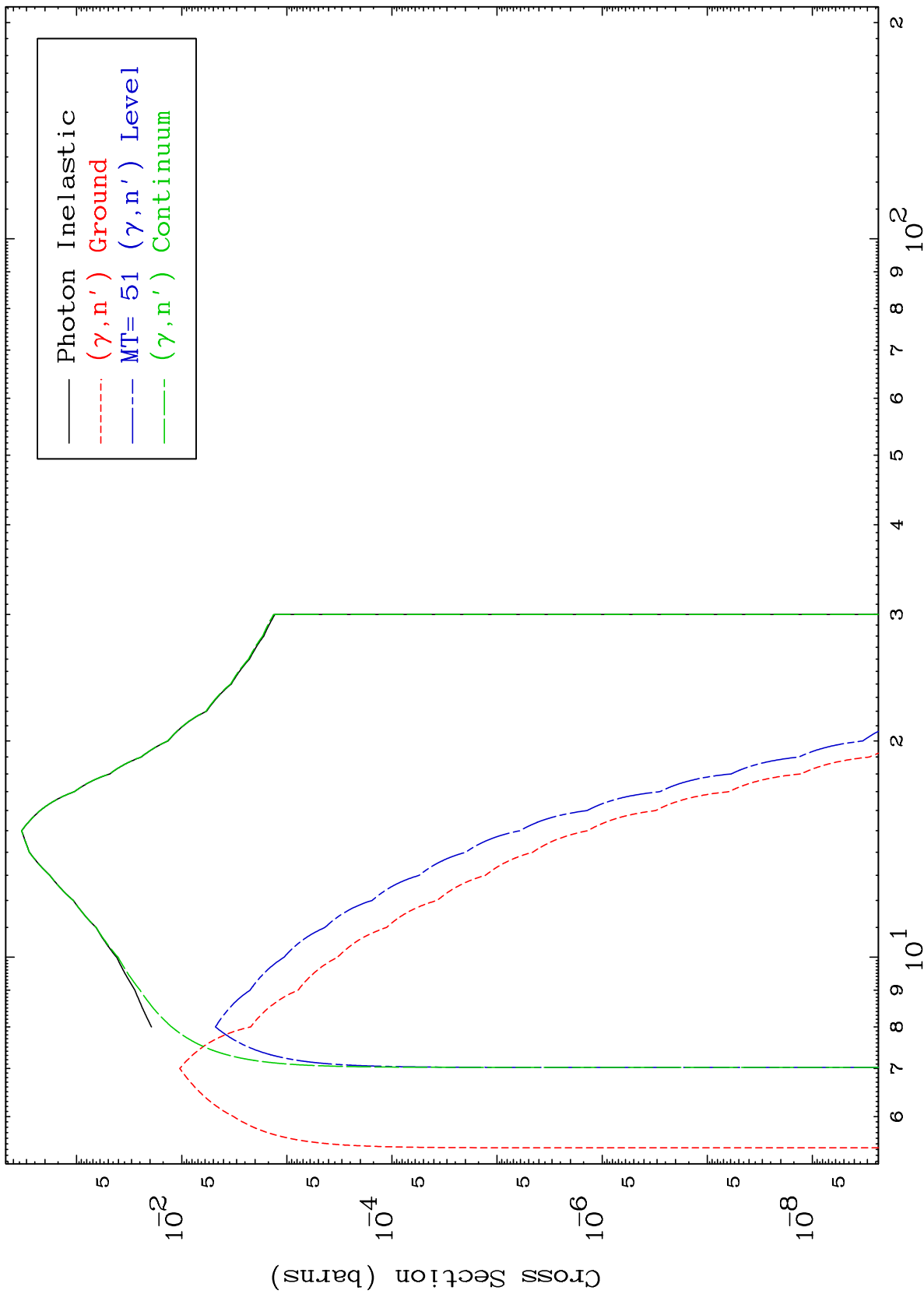
58-Ce-141

MAT 5840

$(\gamma, n')$  Level

58-Ce-141

0 Kelvin Cross Sections



Incident Energy (MeV)

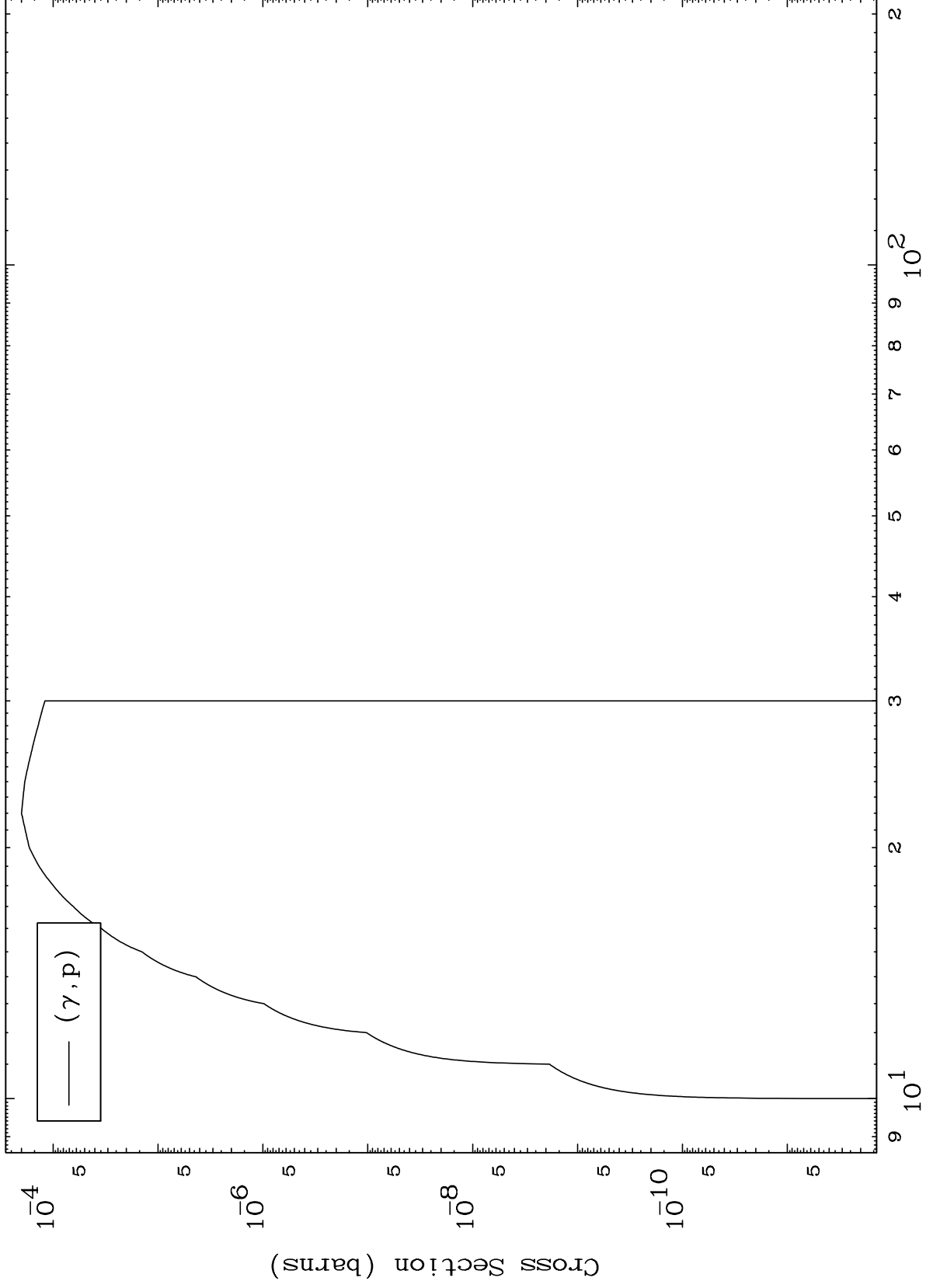
58-Ce-141

5

MAT 5840

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

58-Ce-141



Incident Energy (MeV)

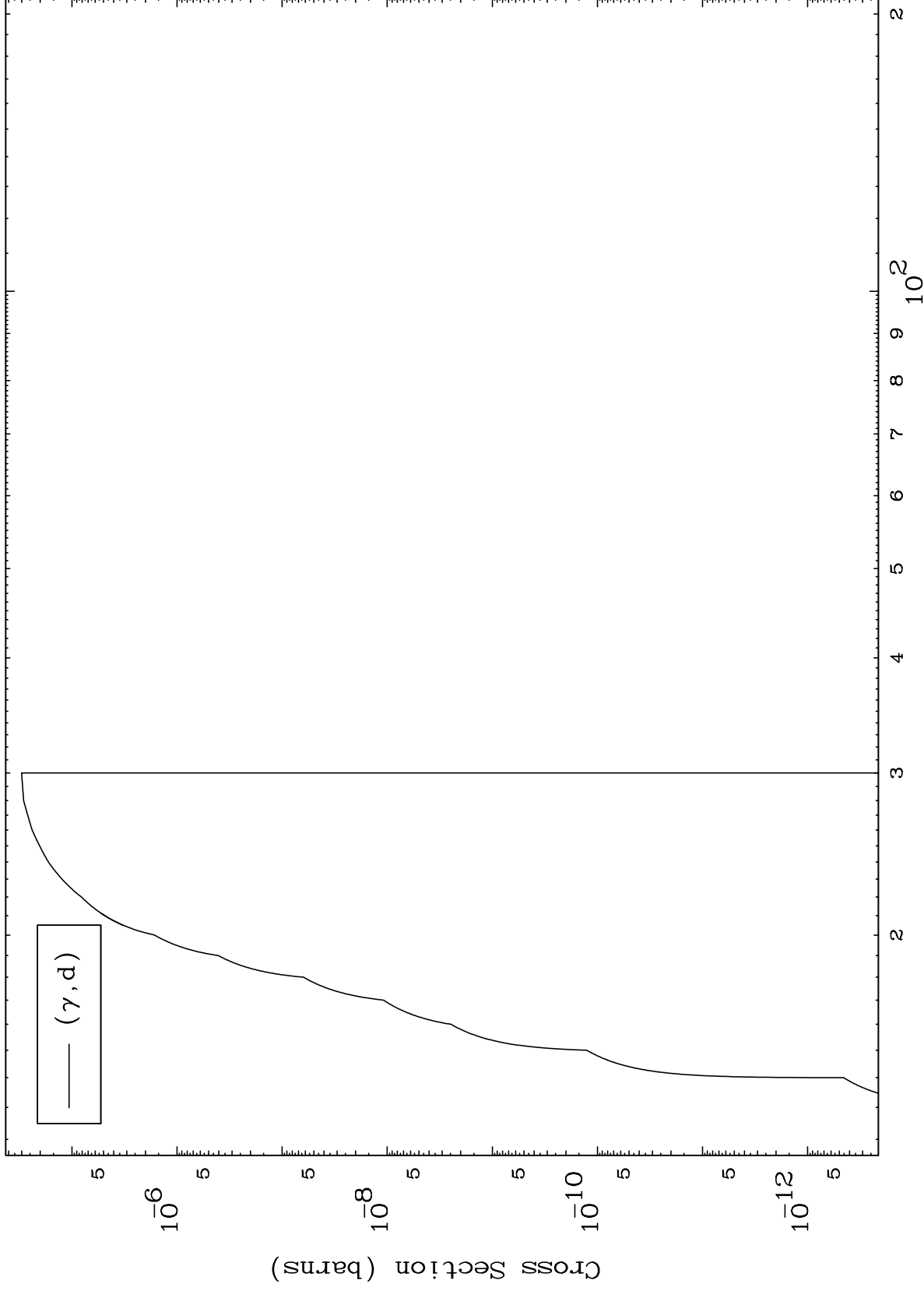
58-Ce-141

6

MAT 5840

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

58-Ce-141



7

Incident Energy (MeV)

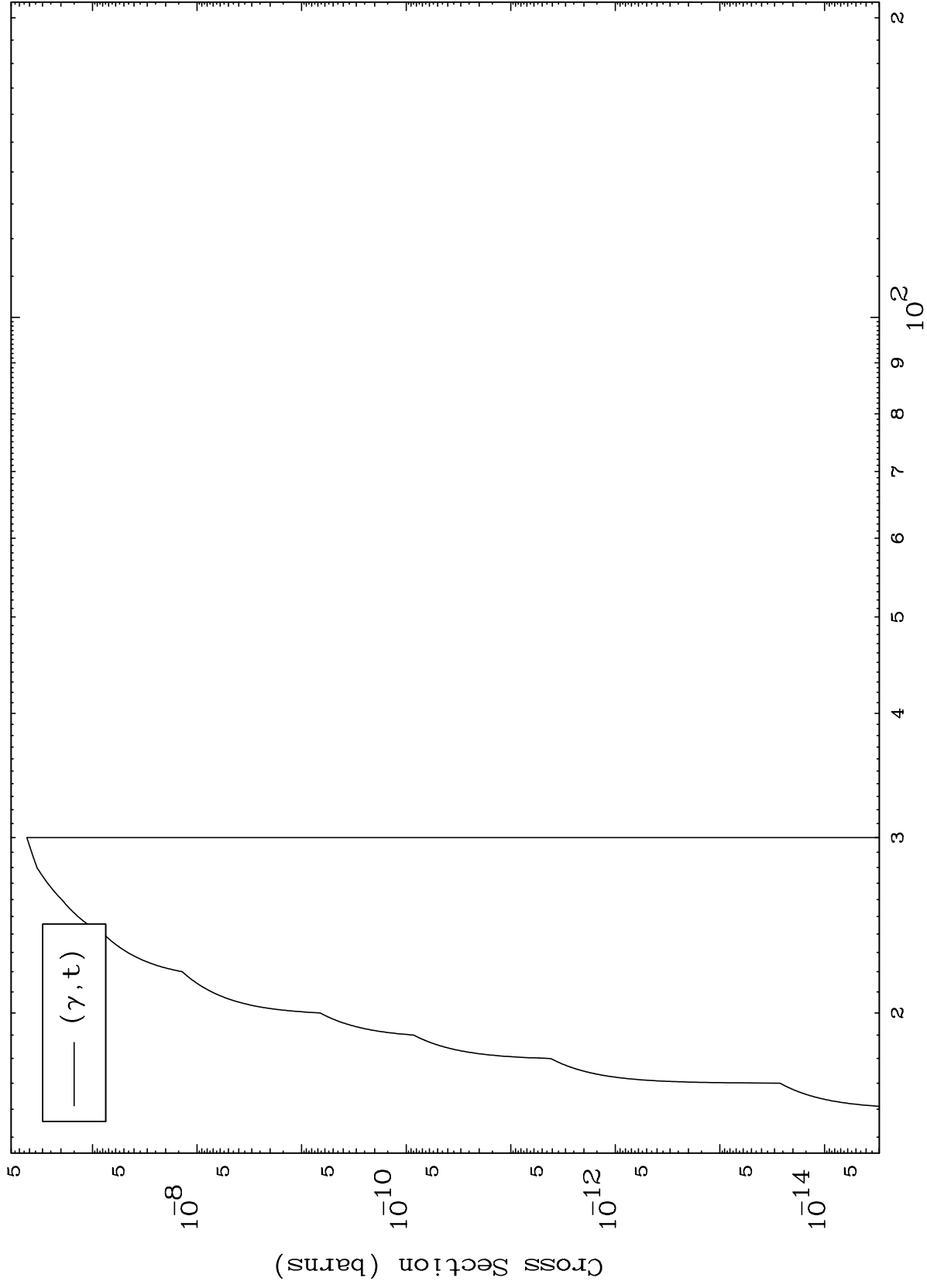
58-Ce-141



MAT 5840

58-Ce-141

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



58-Ce-141

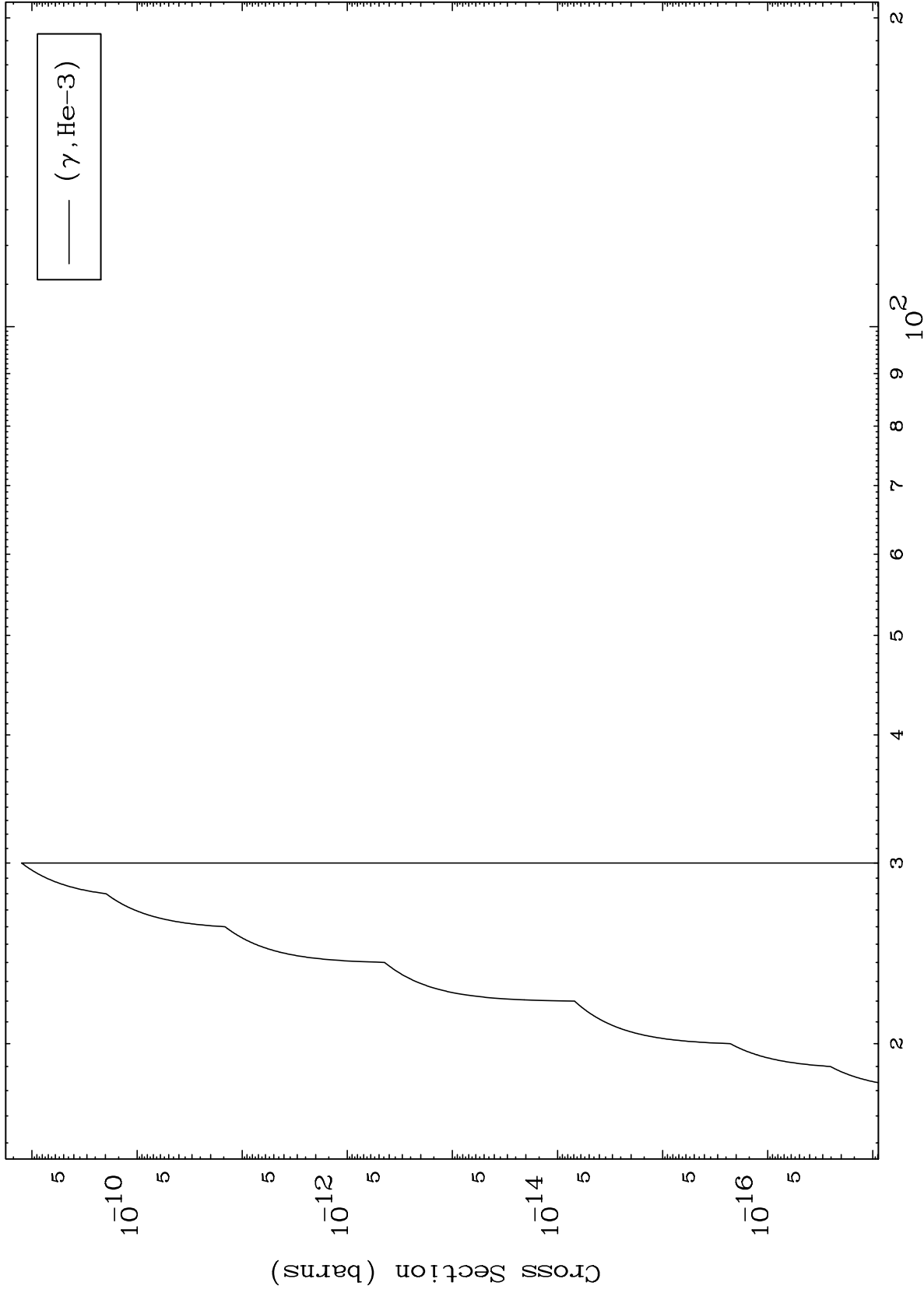
Incident Energy (MeV)

8

MAT 5840

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

58-Ce-141



9

Incident Energy (MeV)

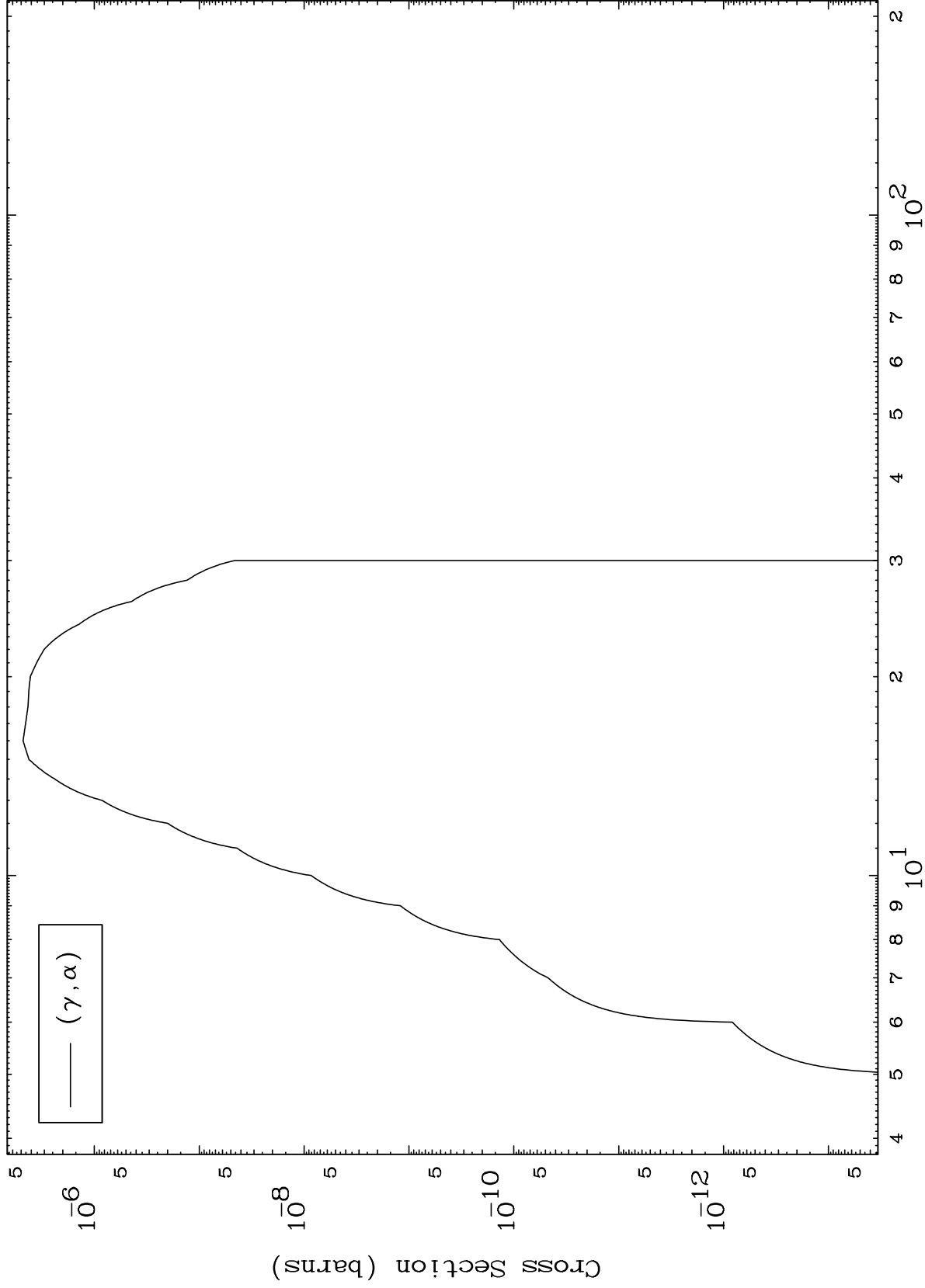
58-Ce-141

MAT 5840

( $\gamma, \alpha$ ) Levels

58-Ce-141

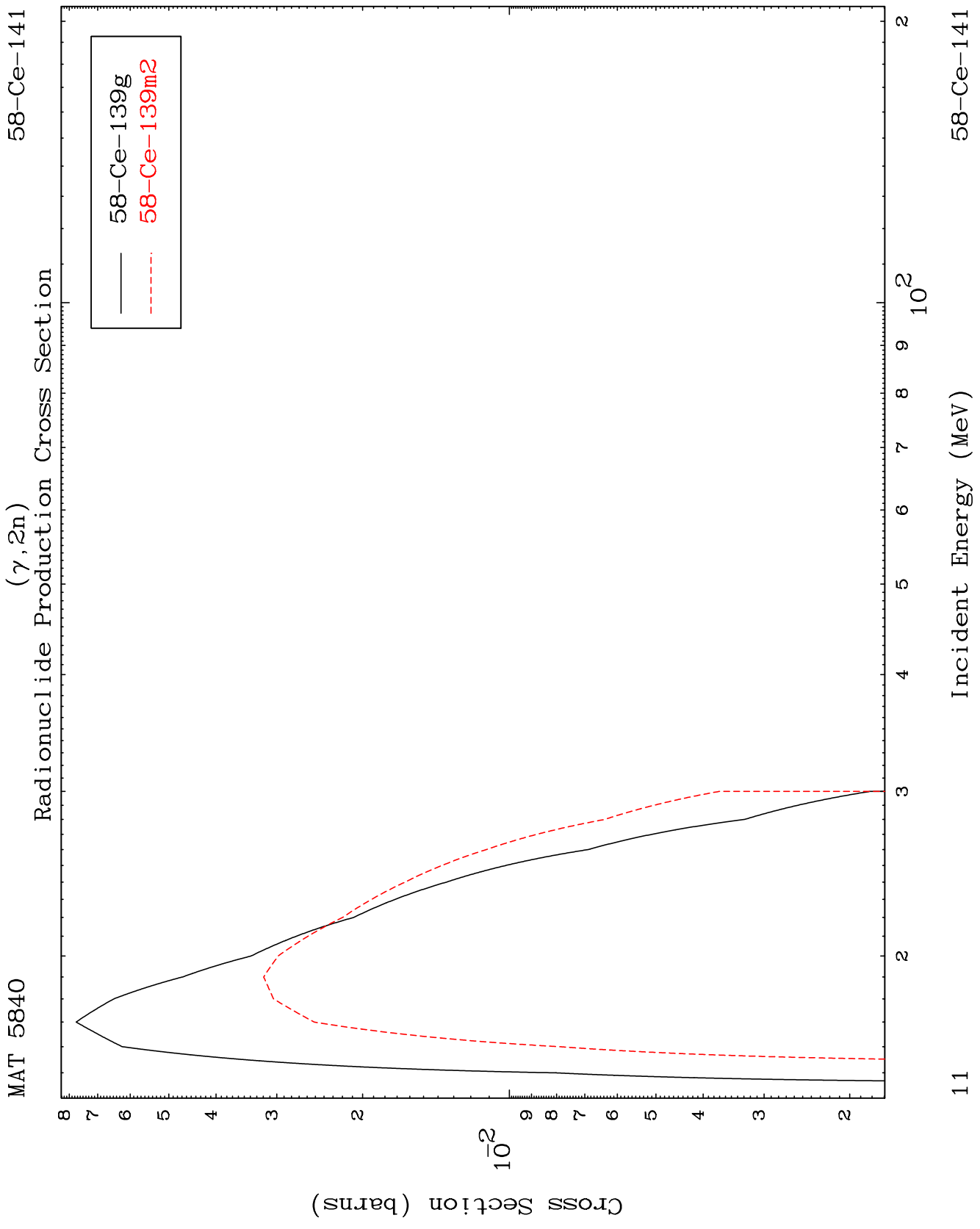
0 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-141

10

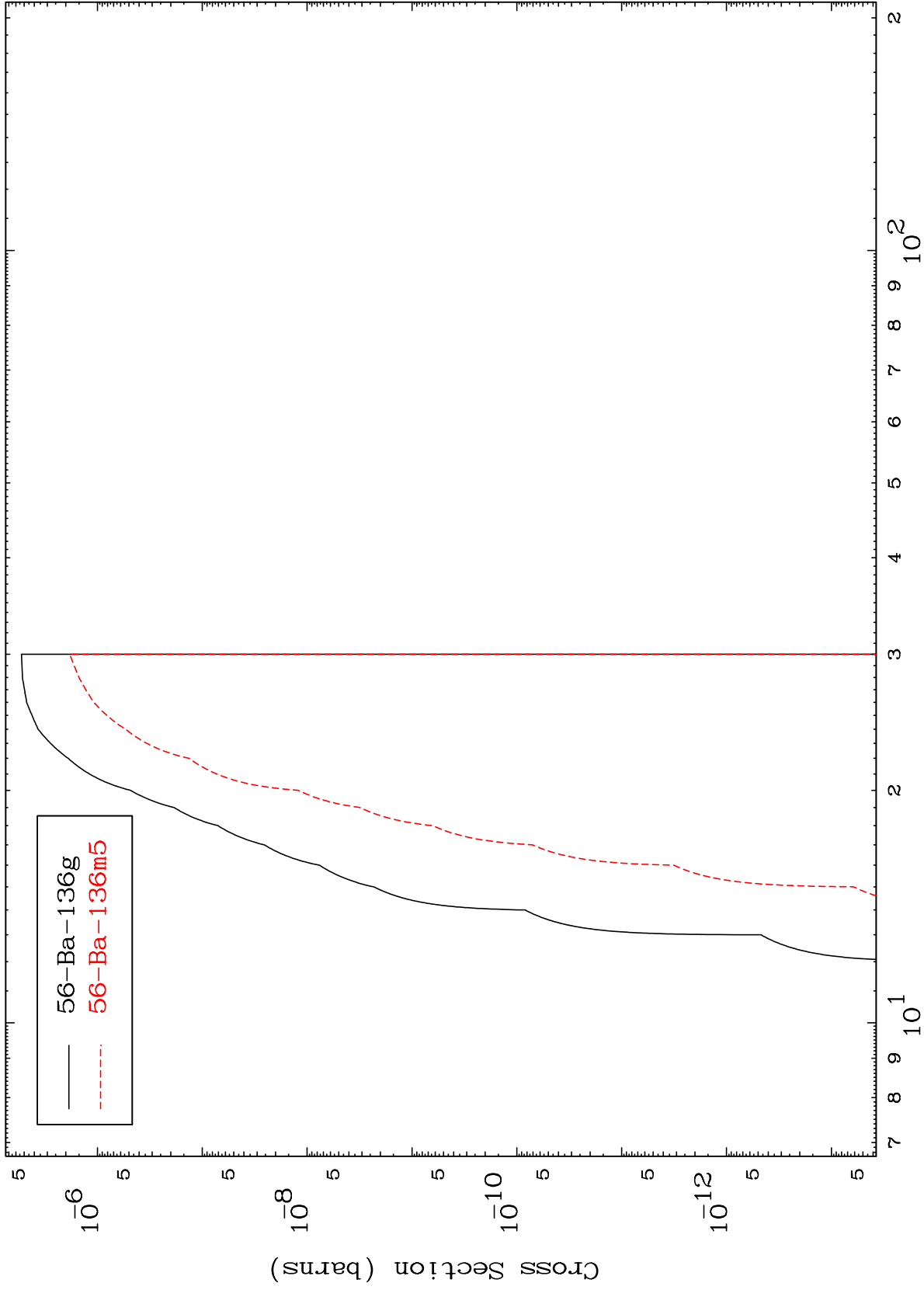


MAT 5840

$(\gamma, n')$   $\alpha$

58-Ce-141

Radionuclide Production Cross Section



56-Ba-136g  
56-Ba-136m5

12

Incident Energy (MeV)

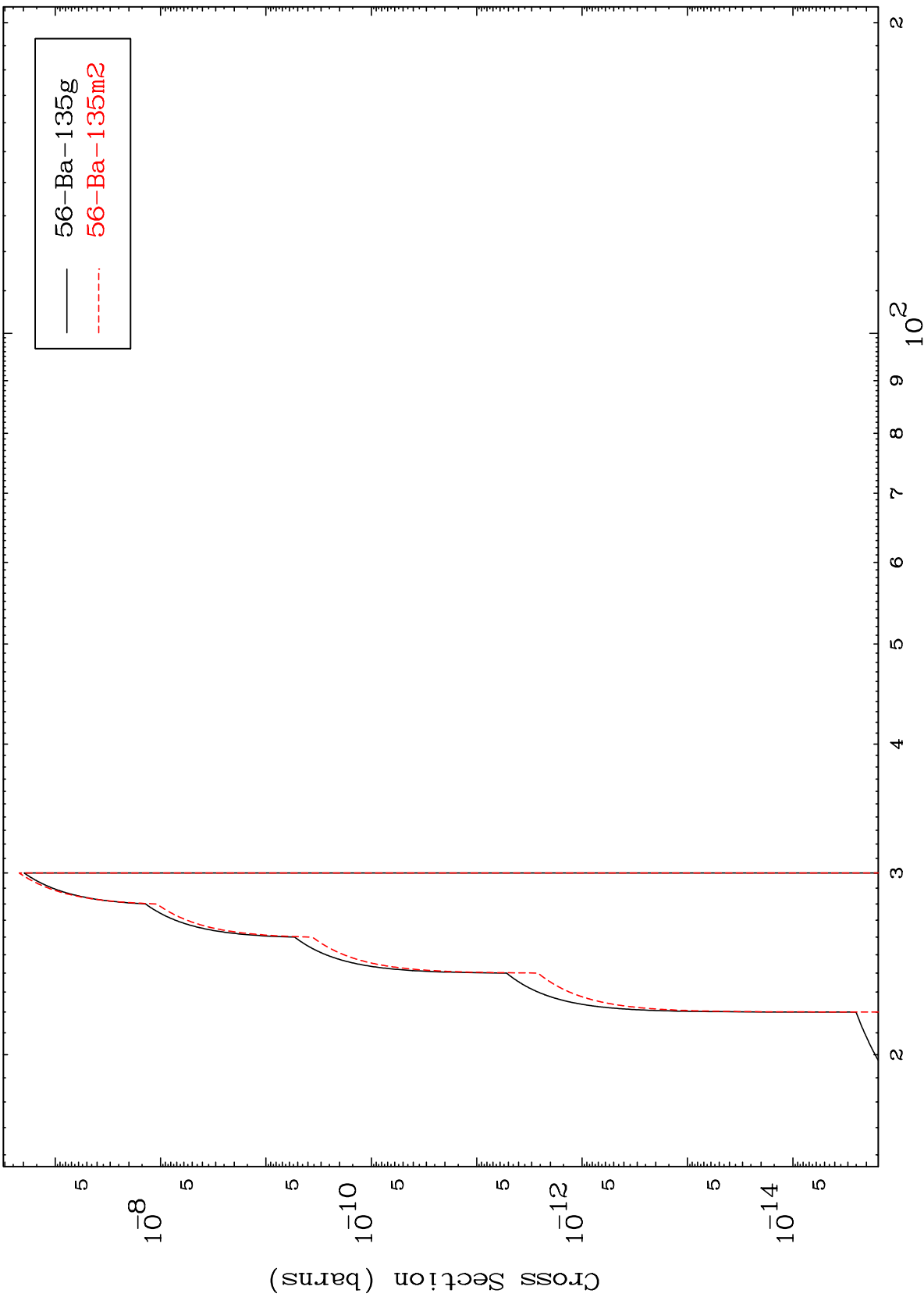
58-Ce-141

MAT 5840

$(\gamma, 2n) \alpha$

58-Ce-141

Radionuclide Production Cross Section



13

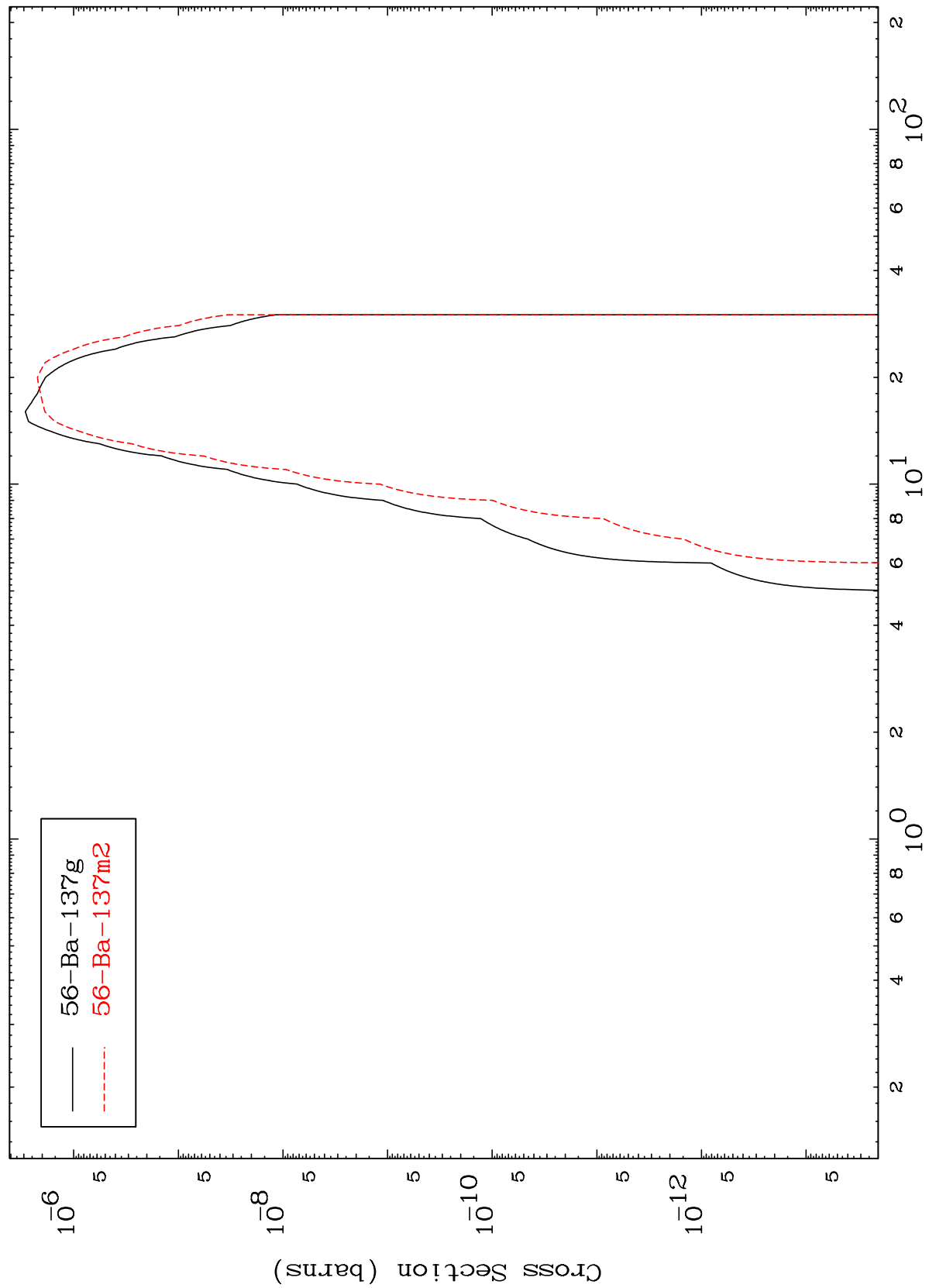
Incident Energy (MeV)

58-Ce-141

MAT 5840

58-Ce-141

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



— 56-Ba-137g  
- - - 56-Ba-137m2

58-Ce-141

Incident Energy (MeV)

14