

Program EVALPLOT  
(Version 2017-1)

by

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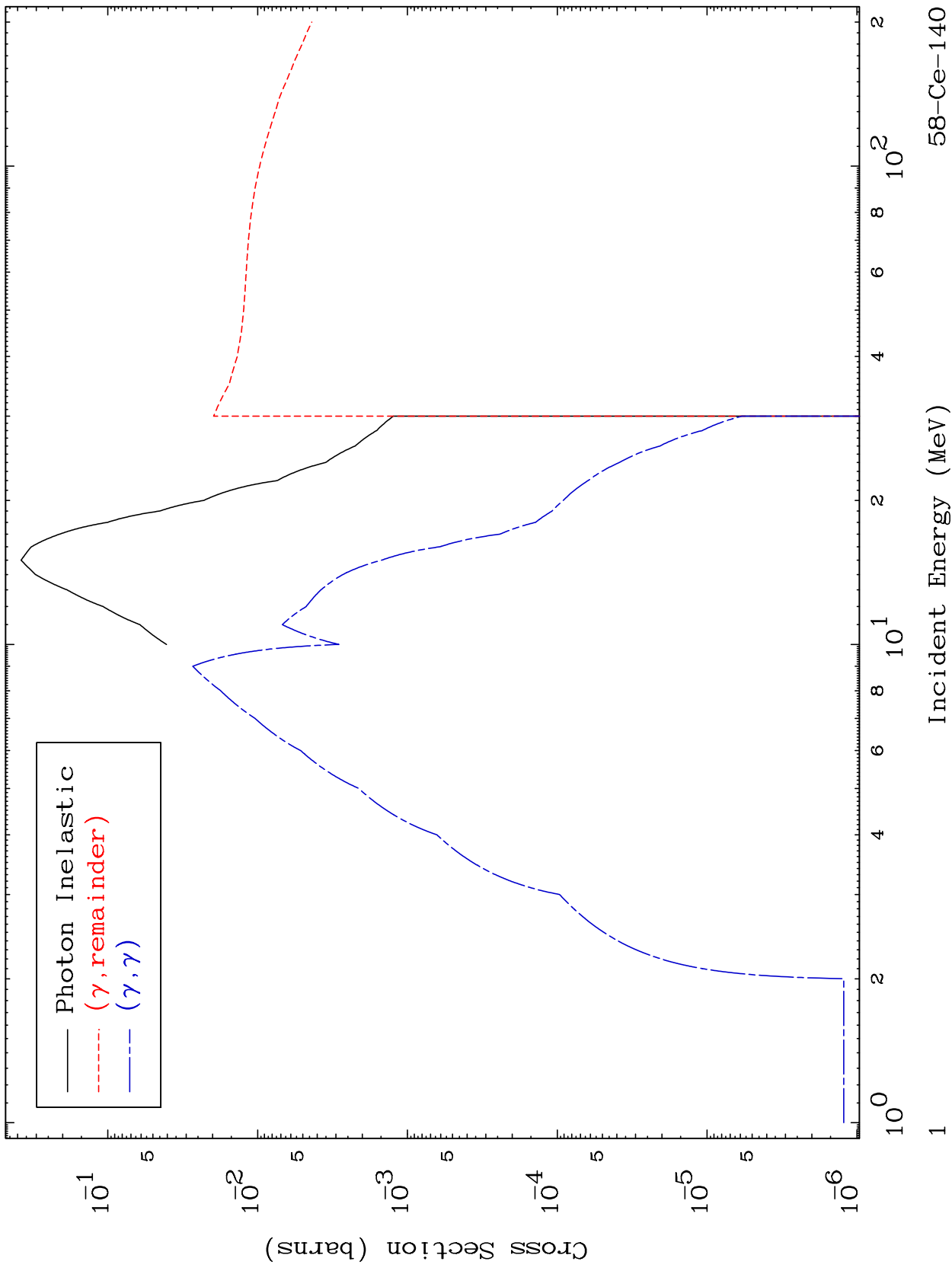
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5837

Photon Major  
0 Kelvin Cross Sections

58-Ce-140



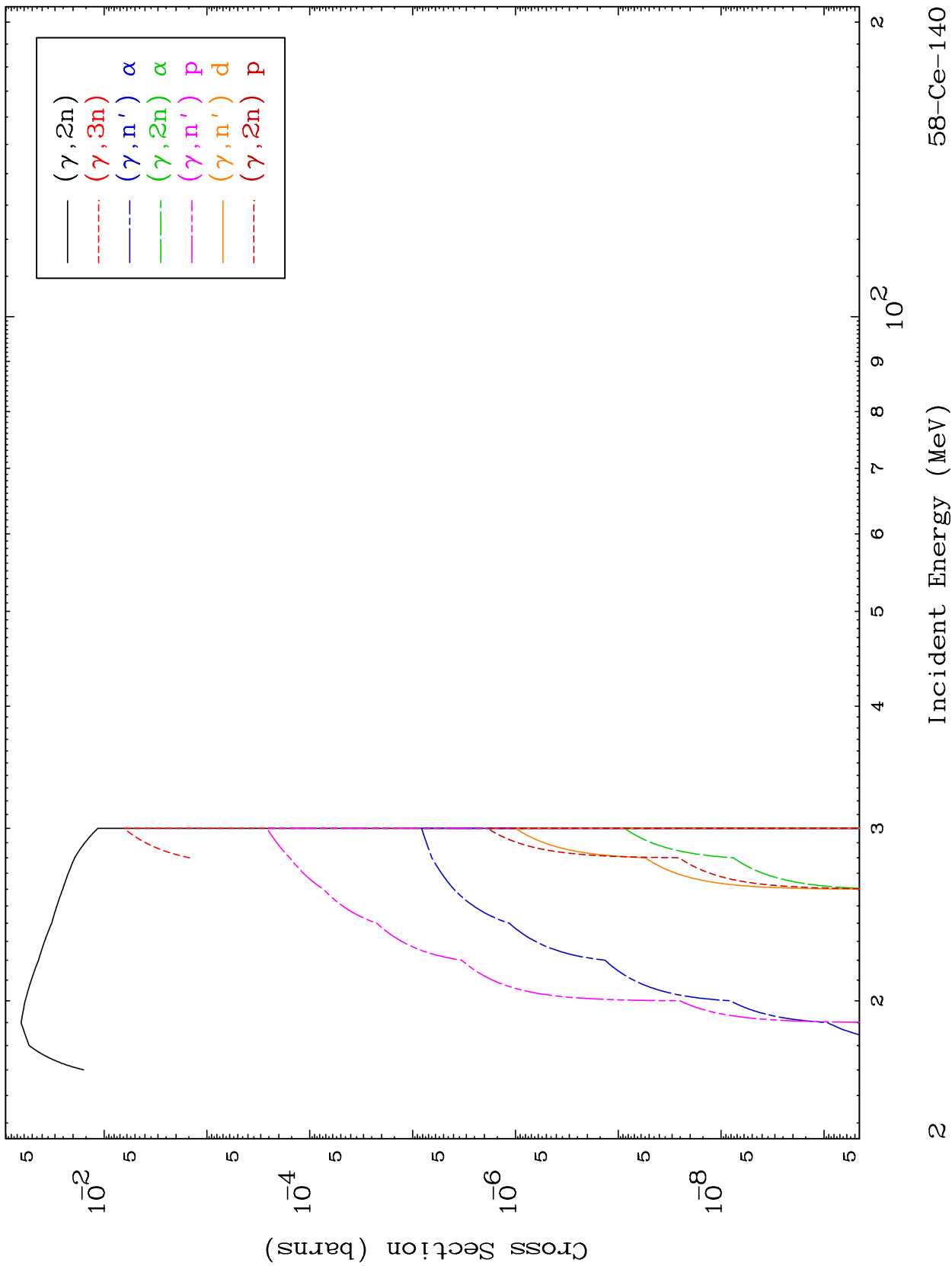
58-Ce-140

Incident Energy (MeV)

MAT 5837

Photon Neutron Production  
0 Kelvin Cross Sections

58-Ce-140



58-Ce-140

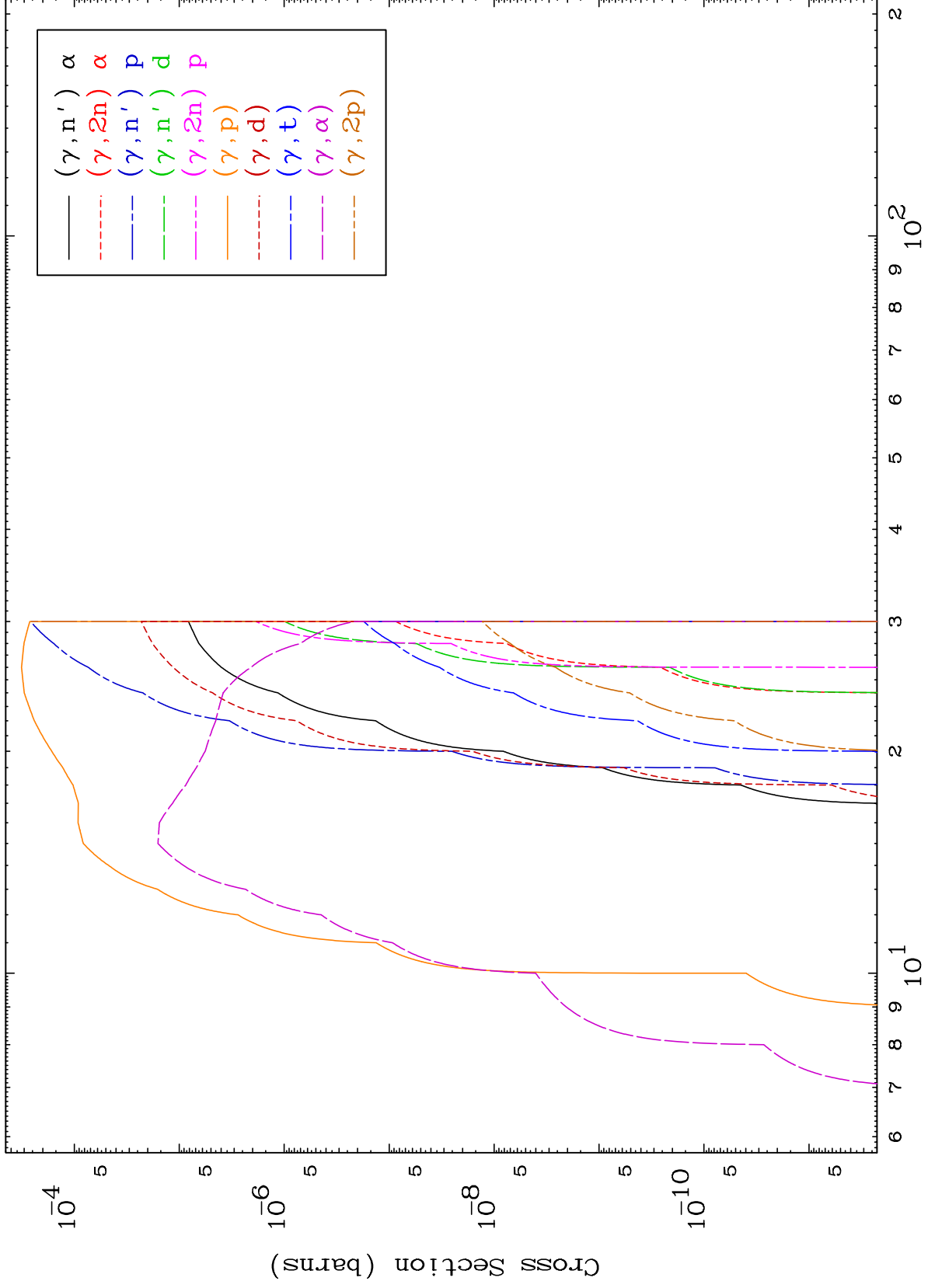
Incident Energy (MeV)

2

MAT 5837

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-140



3

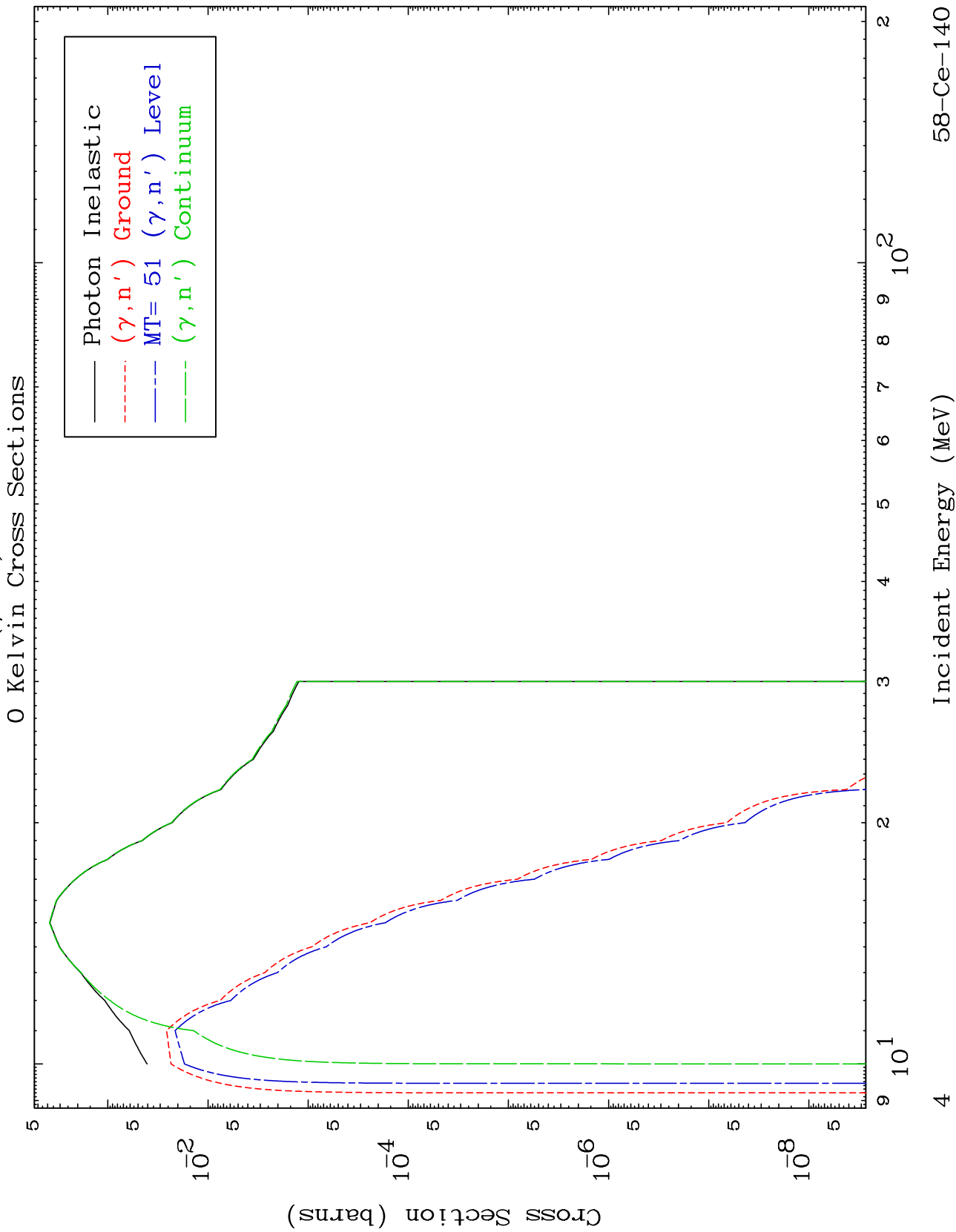
Incident Energy (MeV)

58-Ce-140

MAT 5837

$(\gamma, n')$  Level

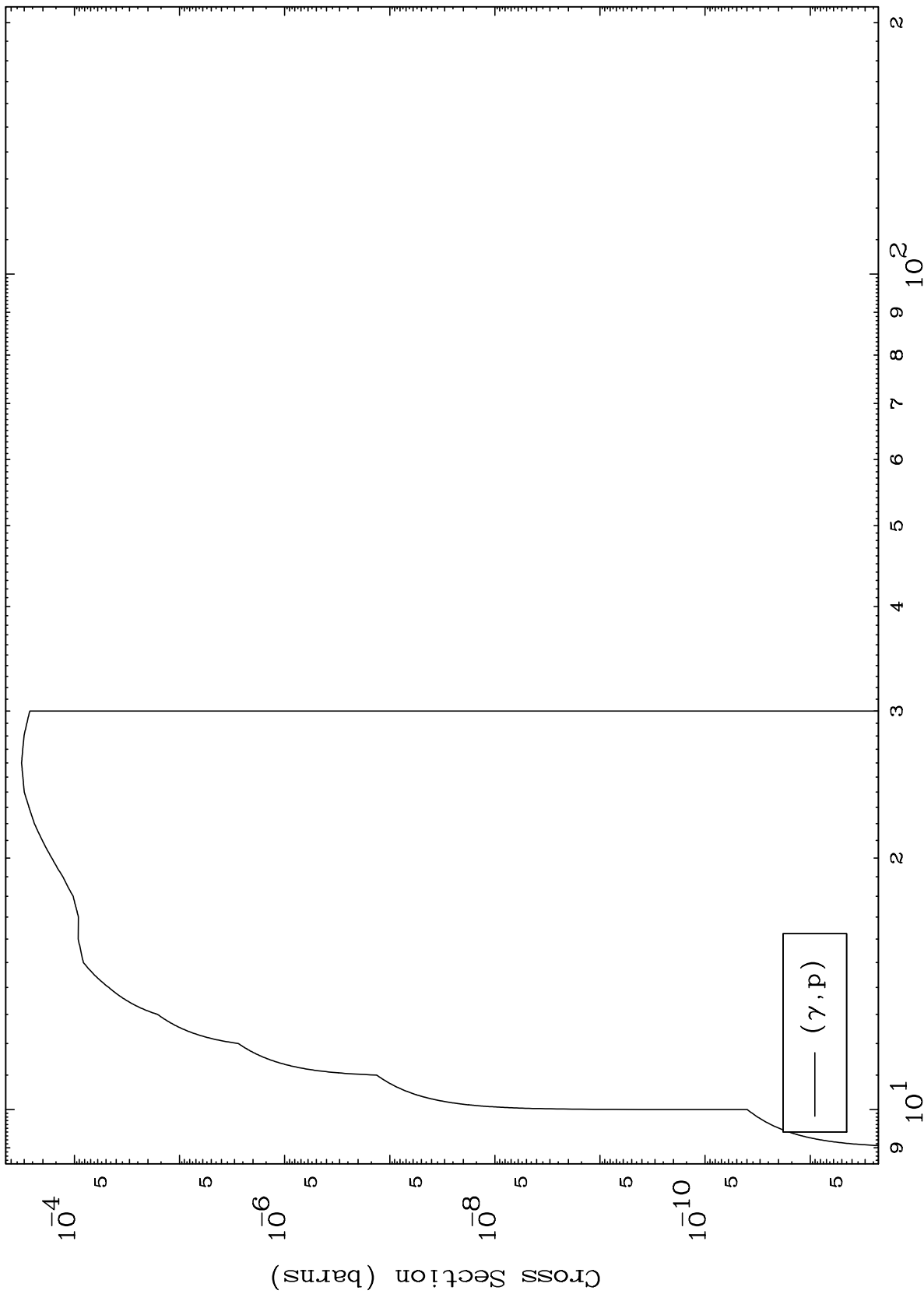
58-Ce-140



MAT 5837

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

58-Ce-140



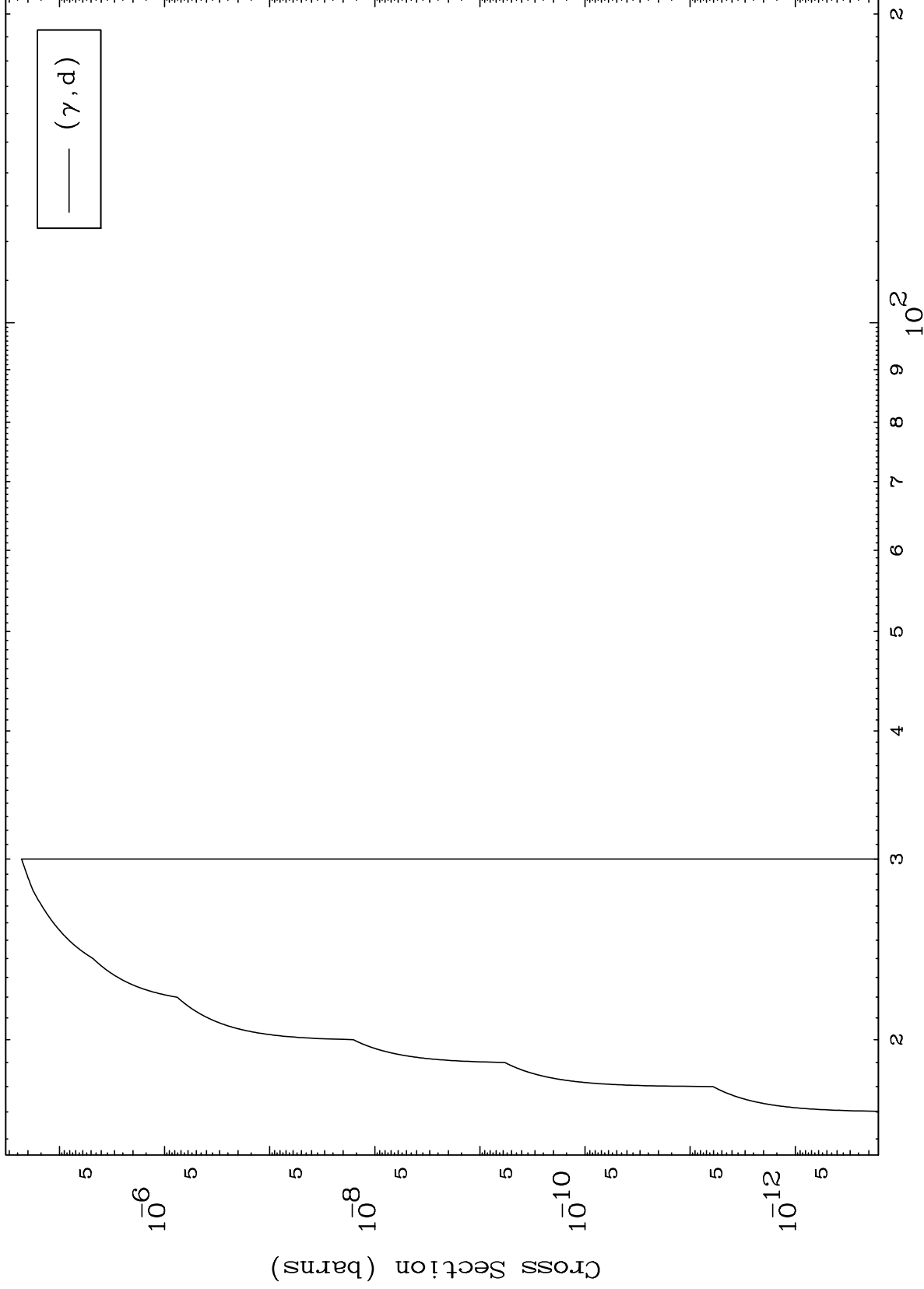
Incident Energy (MeV)

58-Ce-140

MAT 5837

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

58-Ce-140



6

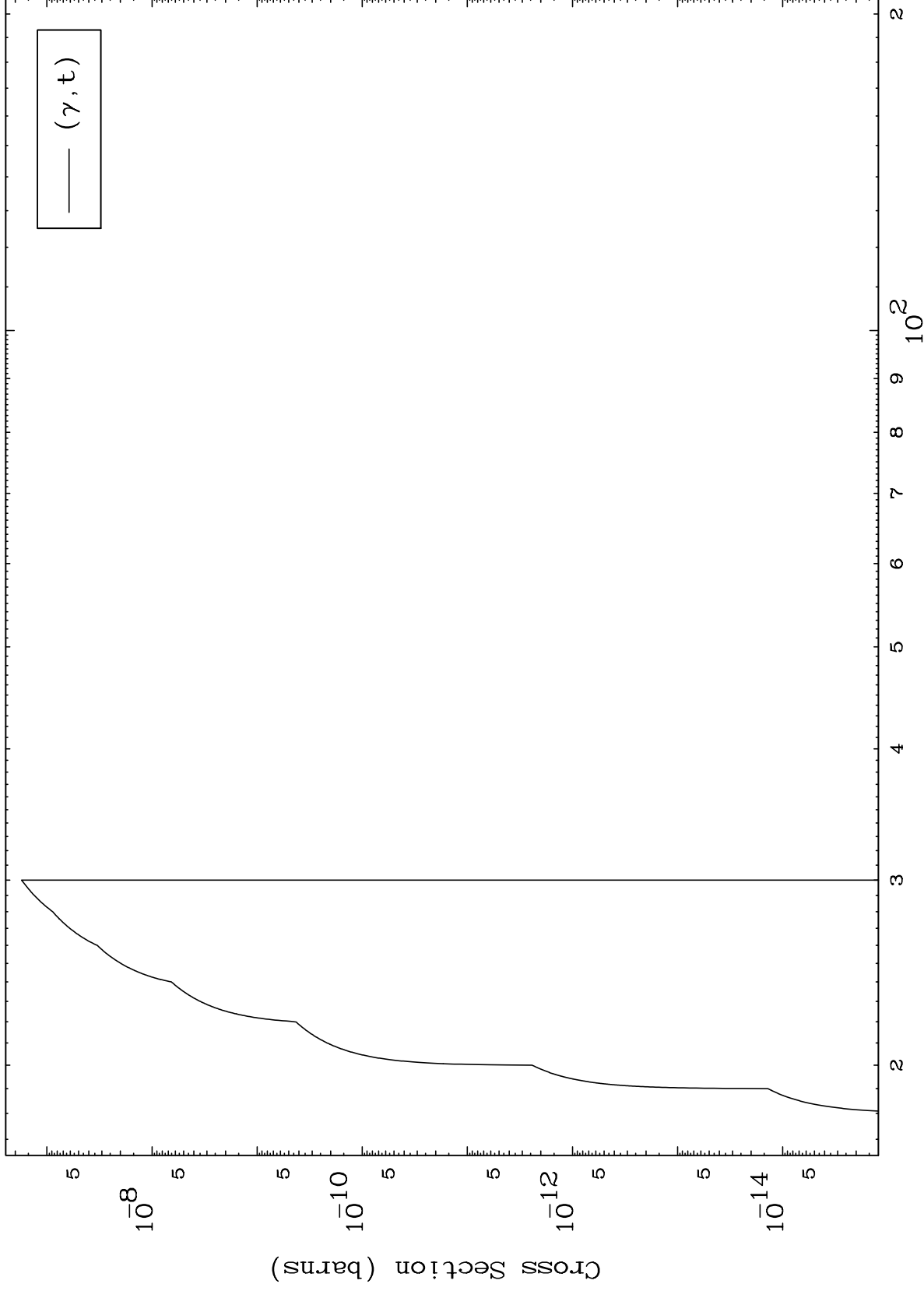
Incident Energy (MeV)

58-Ce-140

MAT 5837

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

58-Ce-140



7

Incident Energy (MeV)

58-Ce-140

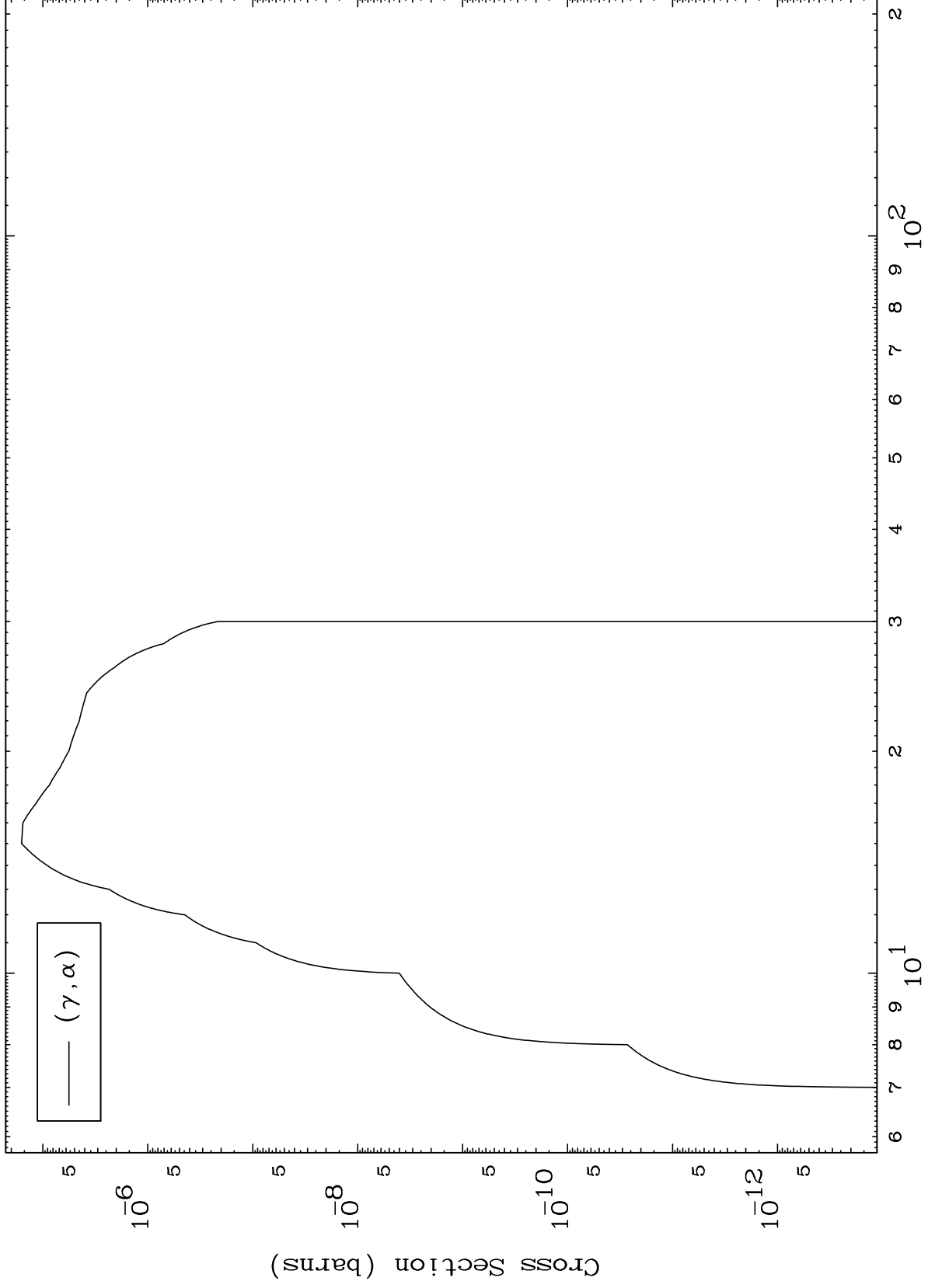


MAT 5837

( $\gamma, \alpha$ ) Levels

58-Ce-140

0 Kelvin Cross Sections



Incident Energy (MeV)

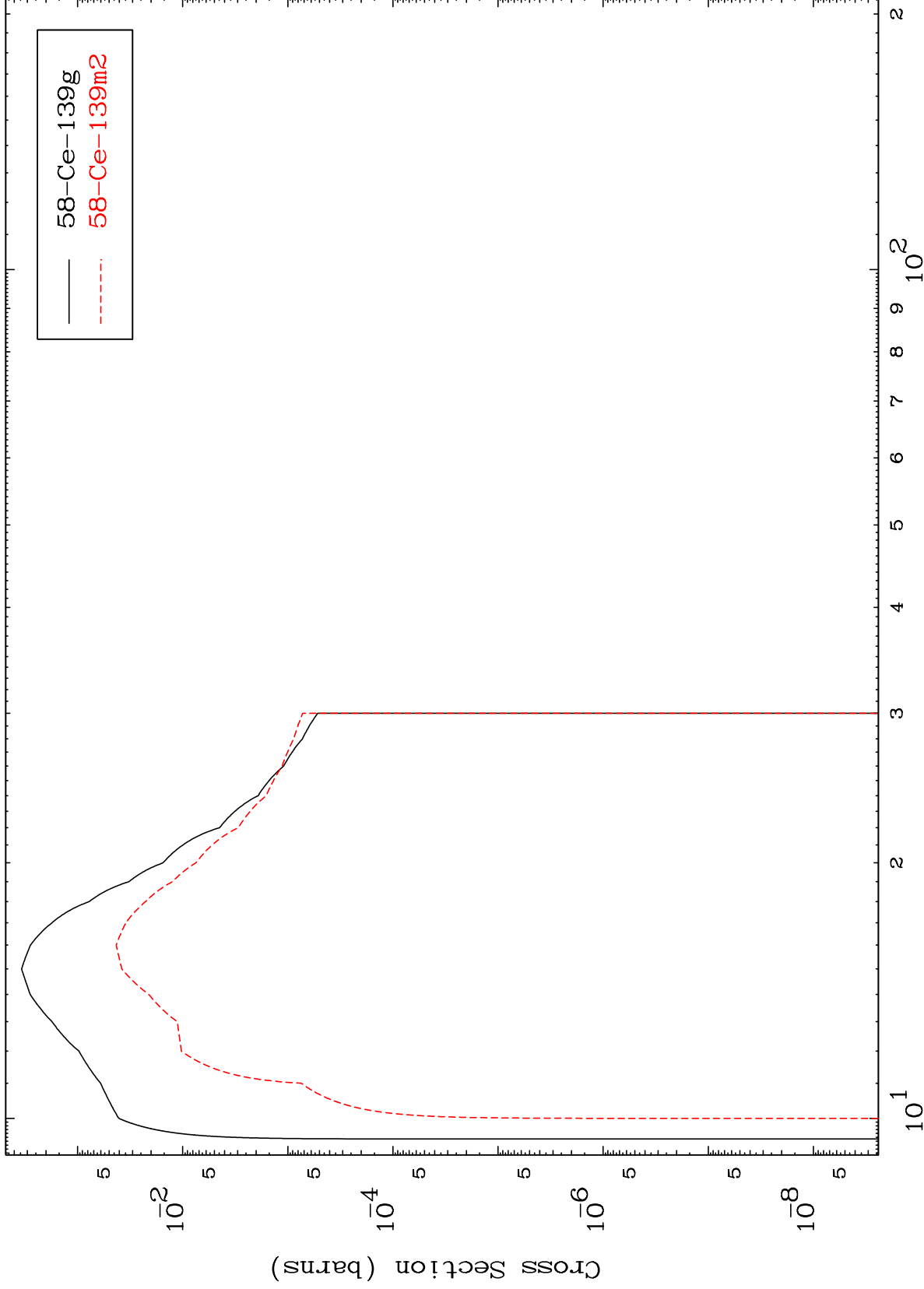
58-Ce-140

8

MAT 5837

Photon Inelastic  
Radionuclide Production Cross Section

58-Ce-140



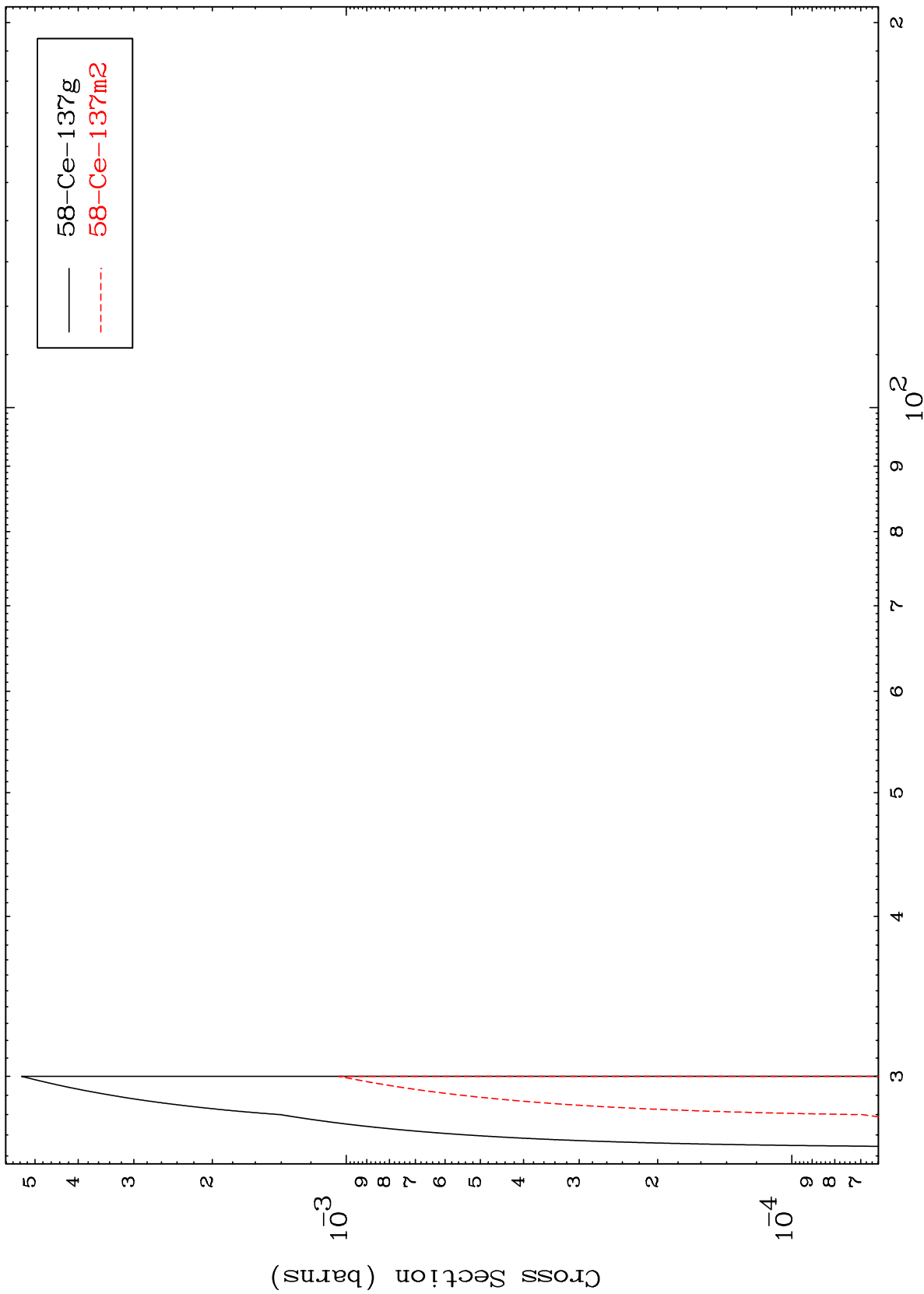
Incident Energy (MeV)

58-Ce-140

MAT 5837

58-Ce-140

( $\gamma, 3n$ )  
Radionuclide Production Cross Section



58-Ce-140

Incident Energy (MeV)

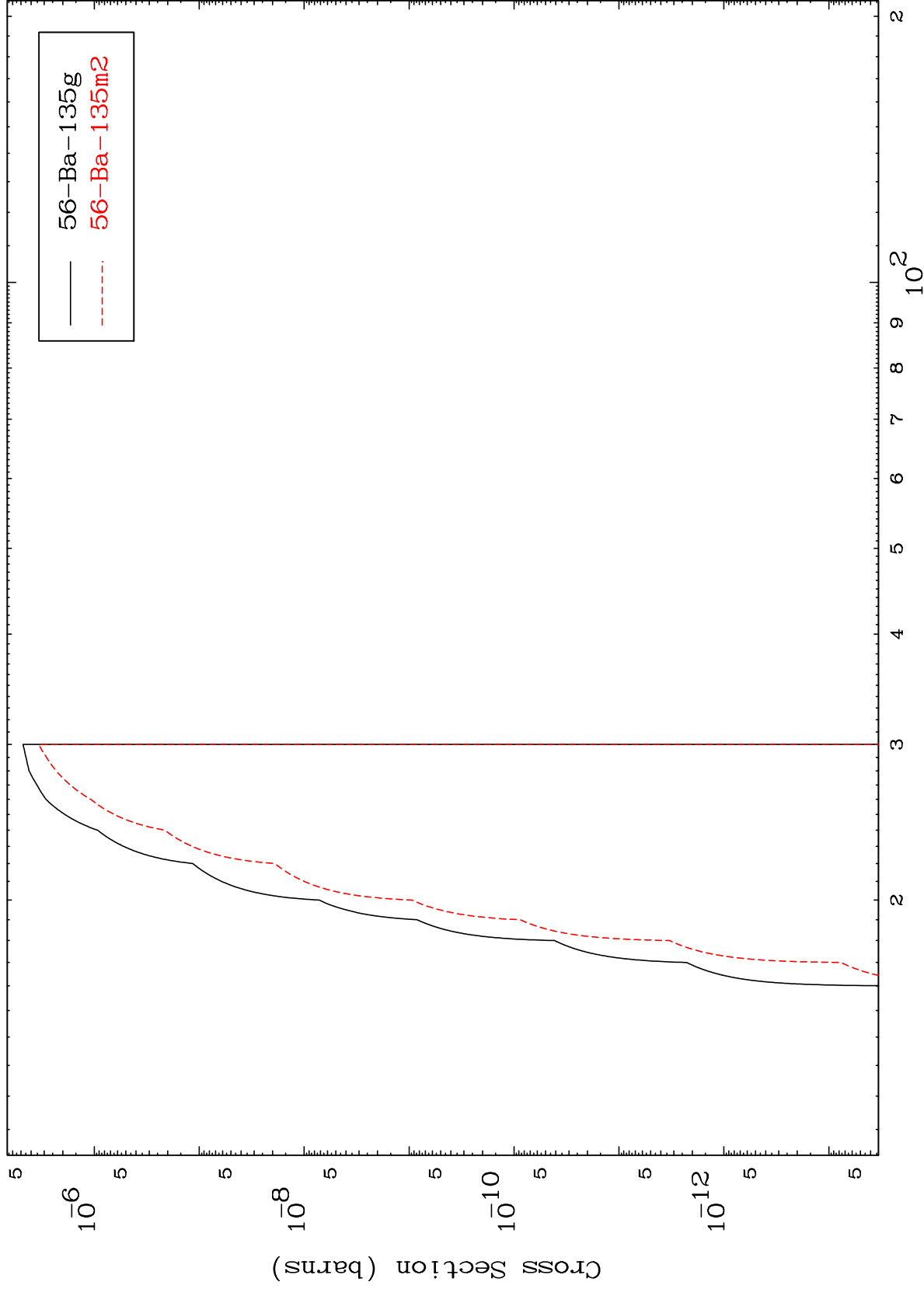
10

MAT 5837

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

58-Ce-140

Radionuclide Production Cross Section



11

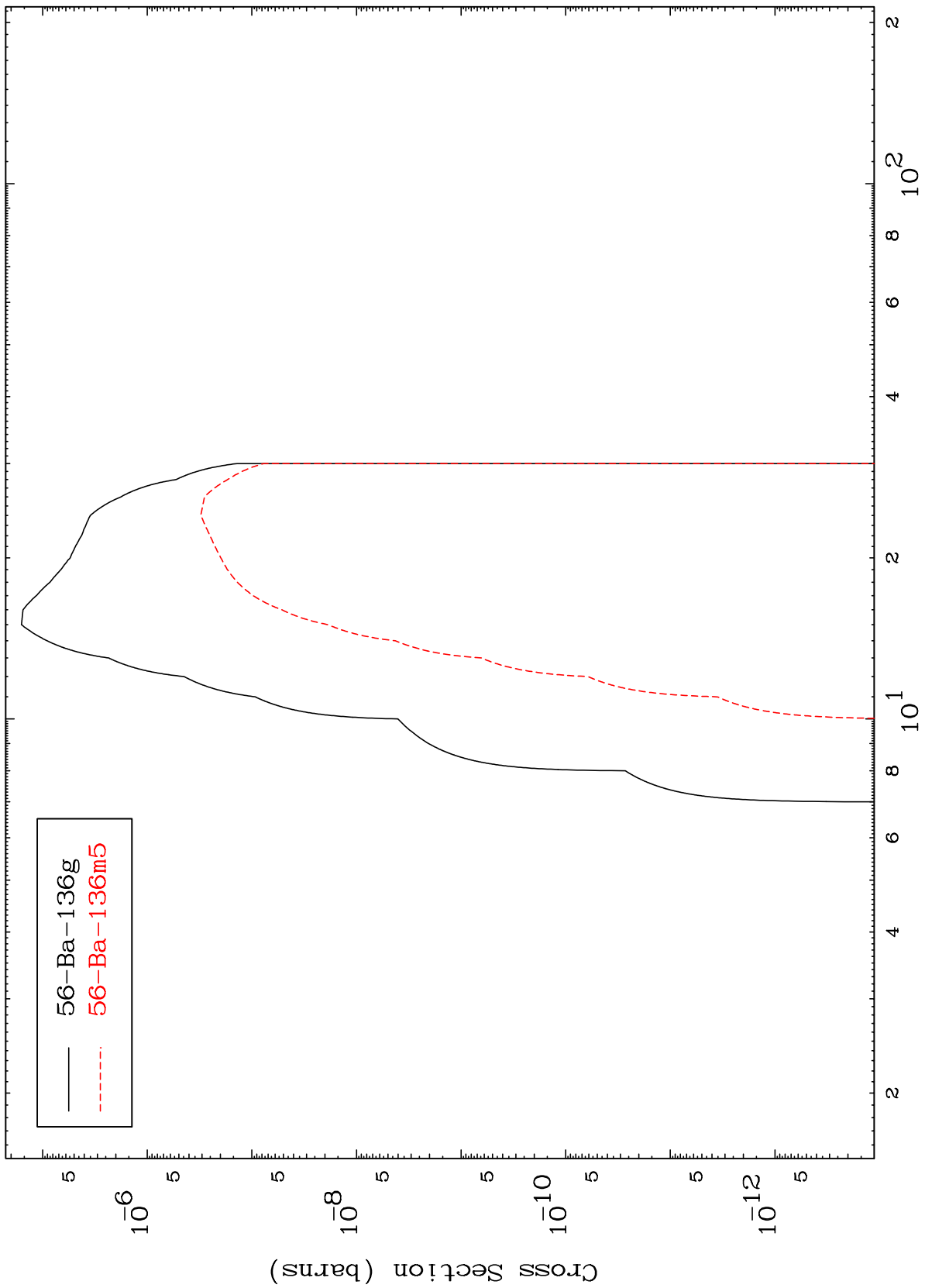
Incident Energy (MeV)

58-Ce-140

MAT 5837

58-Ce-140

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



— 56-Ba-136g  
- - - 56-Ba-136m5

58-Ce-140

Incident Energy (MeV)

12