

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

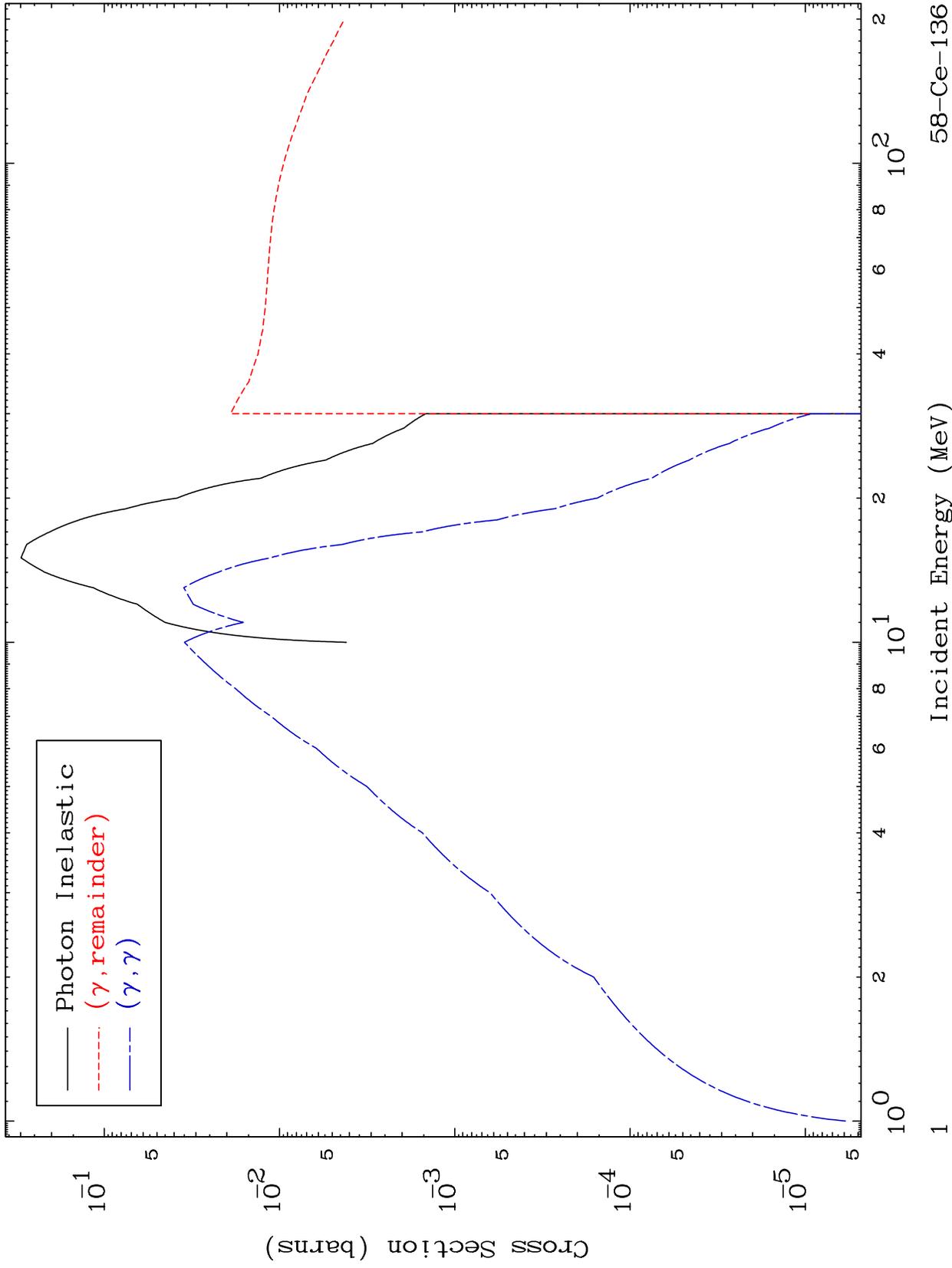
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

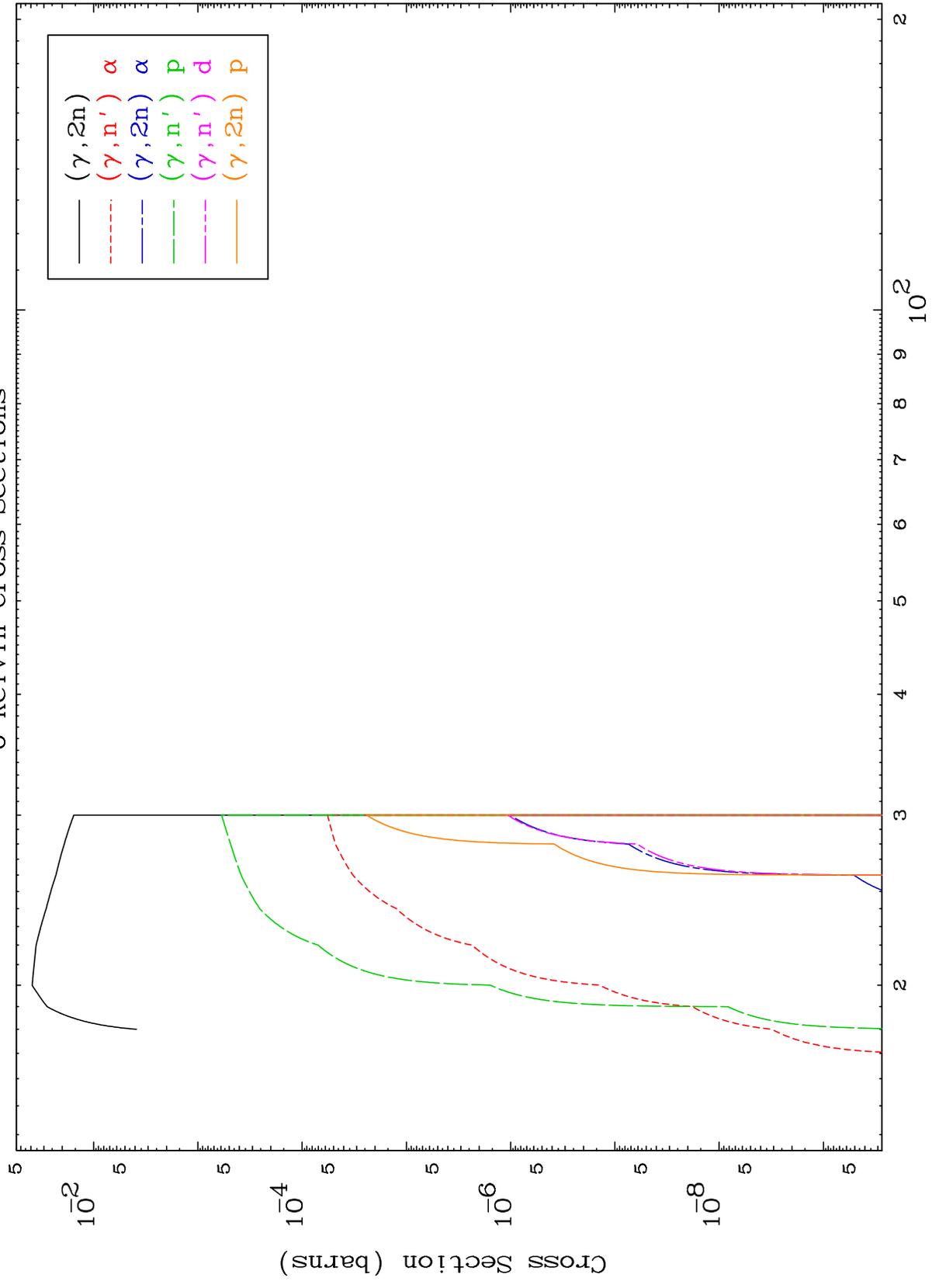
MAT 5825

Photon Major  
0 Kelvin Cross Sections

58-Ce-136



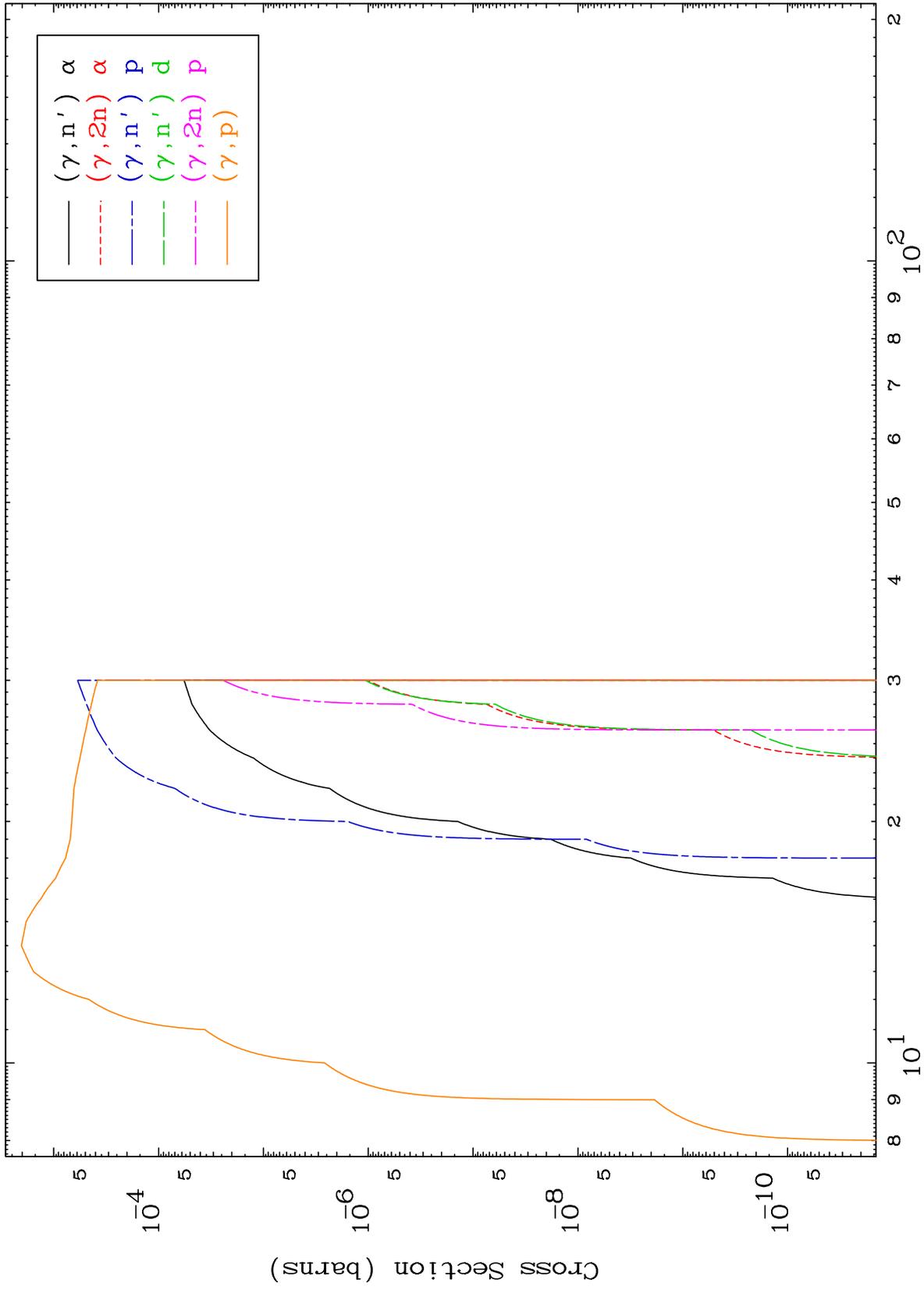
58-Ce-136



MAT 5825

Photon Charged Particle  
0 Kelvin Cross Sections

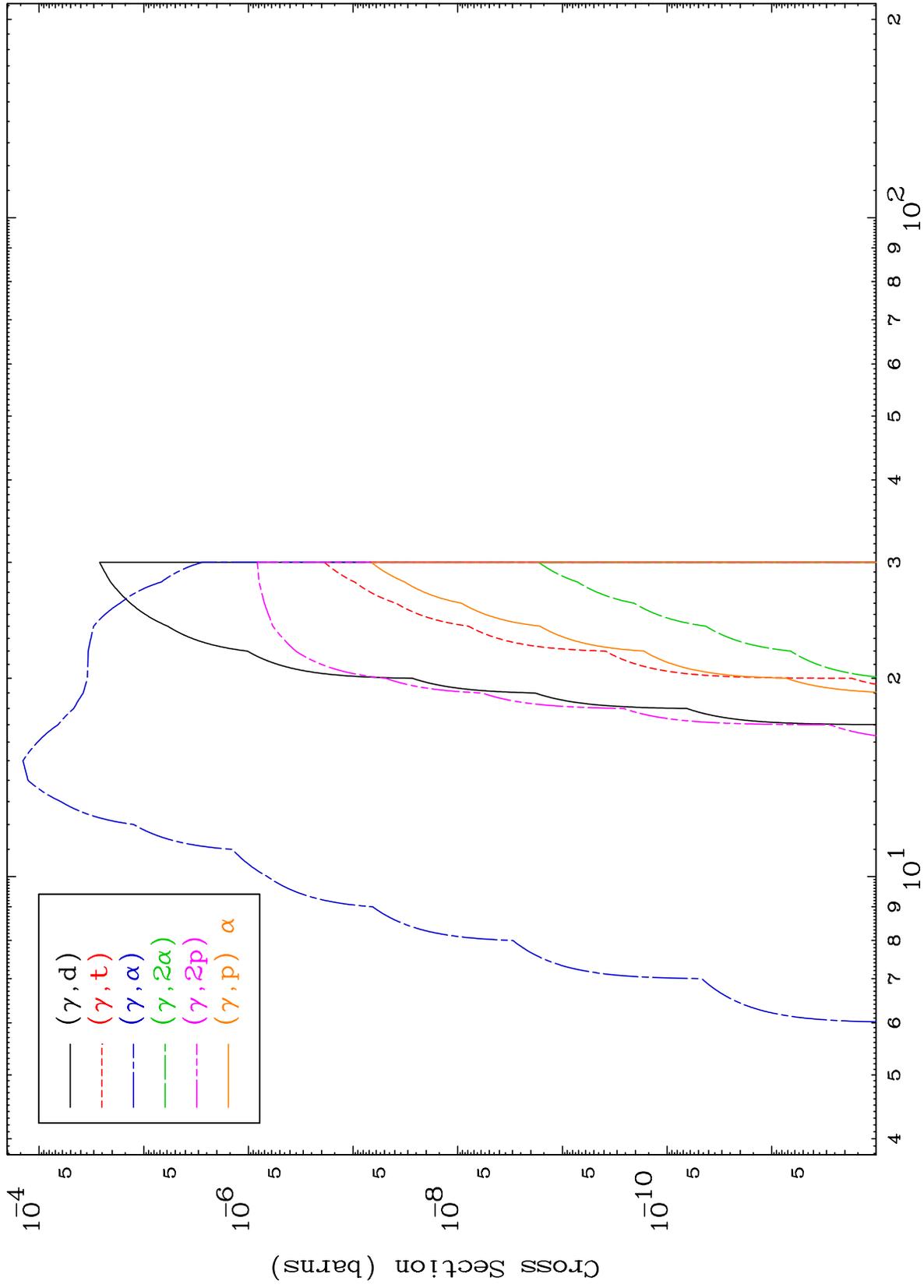
58-Ce-136



3

Incident Energy (MeV)

58-Ce-136

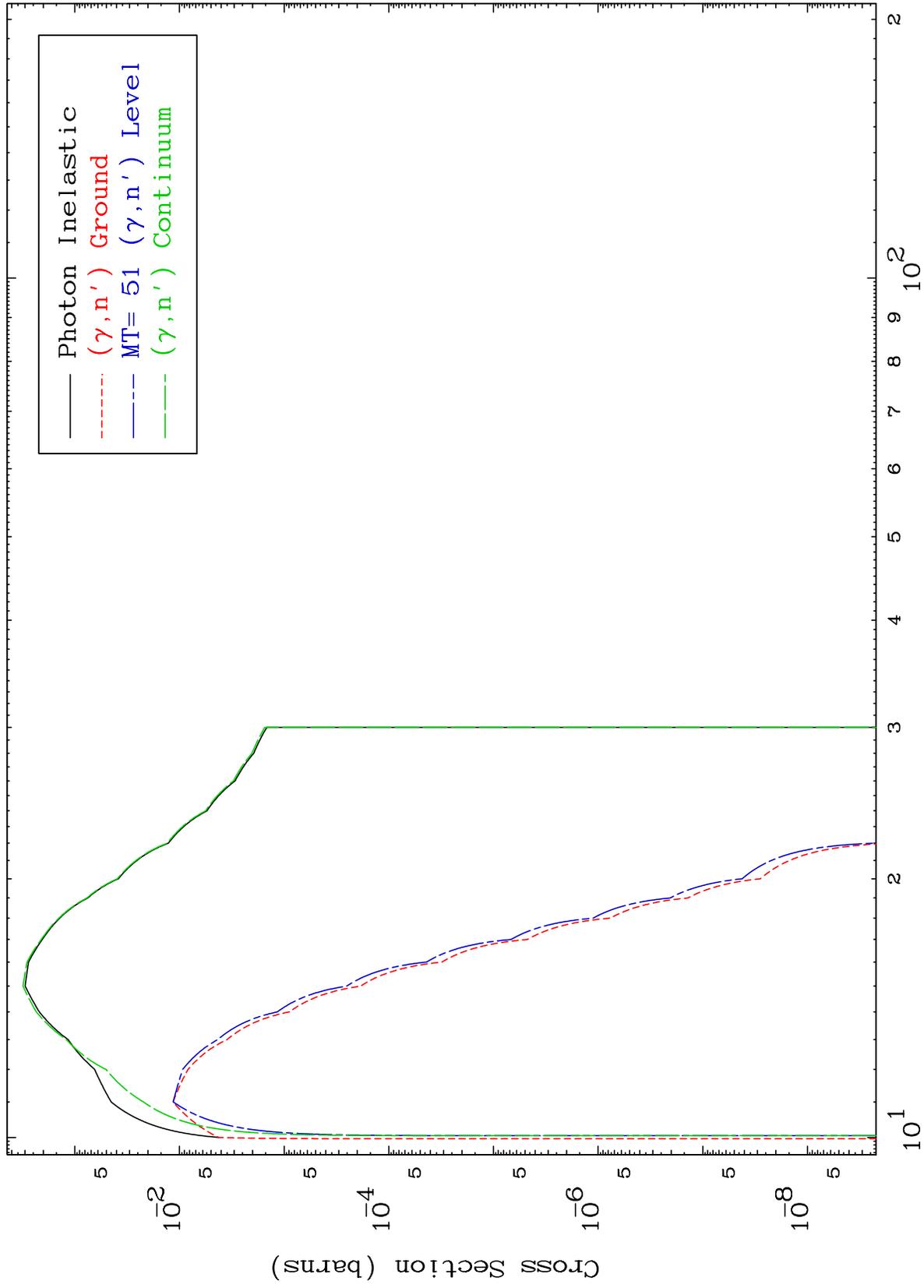


MAT 5825

$(\gamma, n')$  Level

58-Ce-136

0 Kelvin Cross Sections



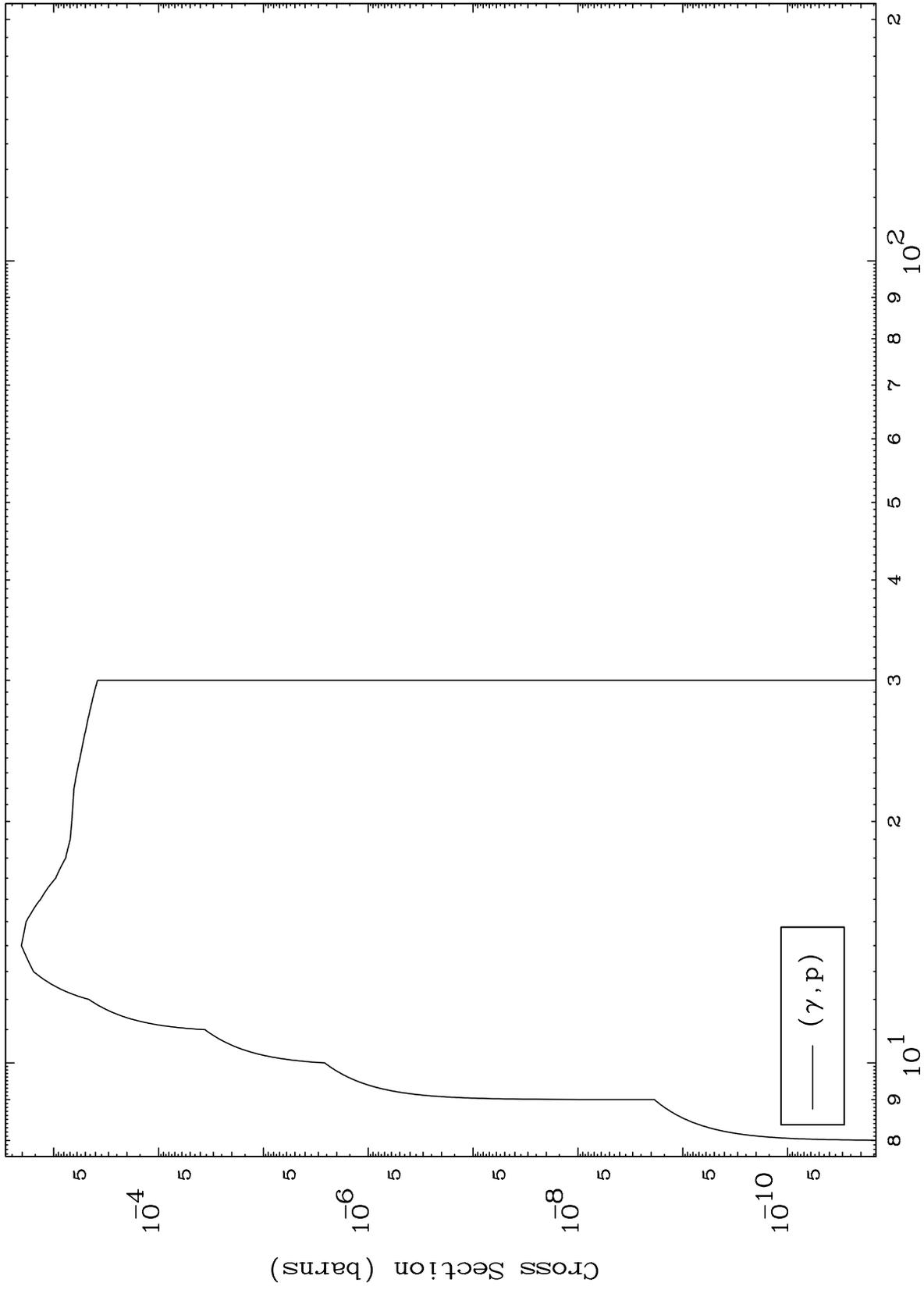
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



6

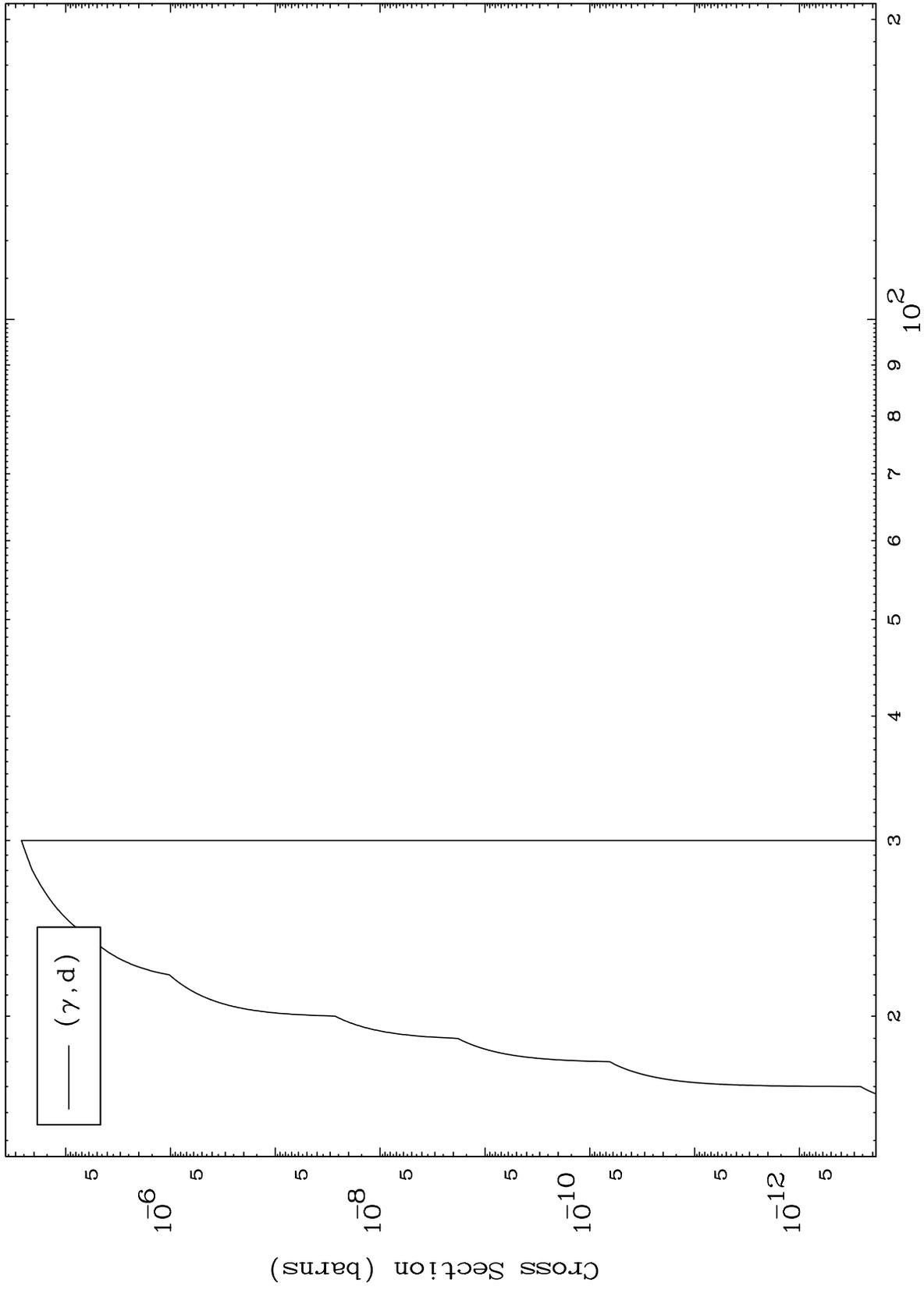
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



7

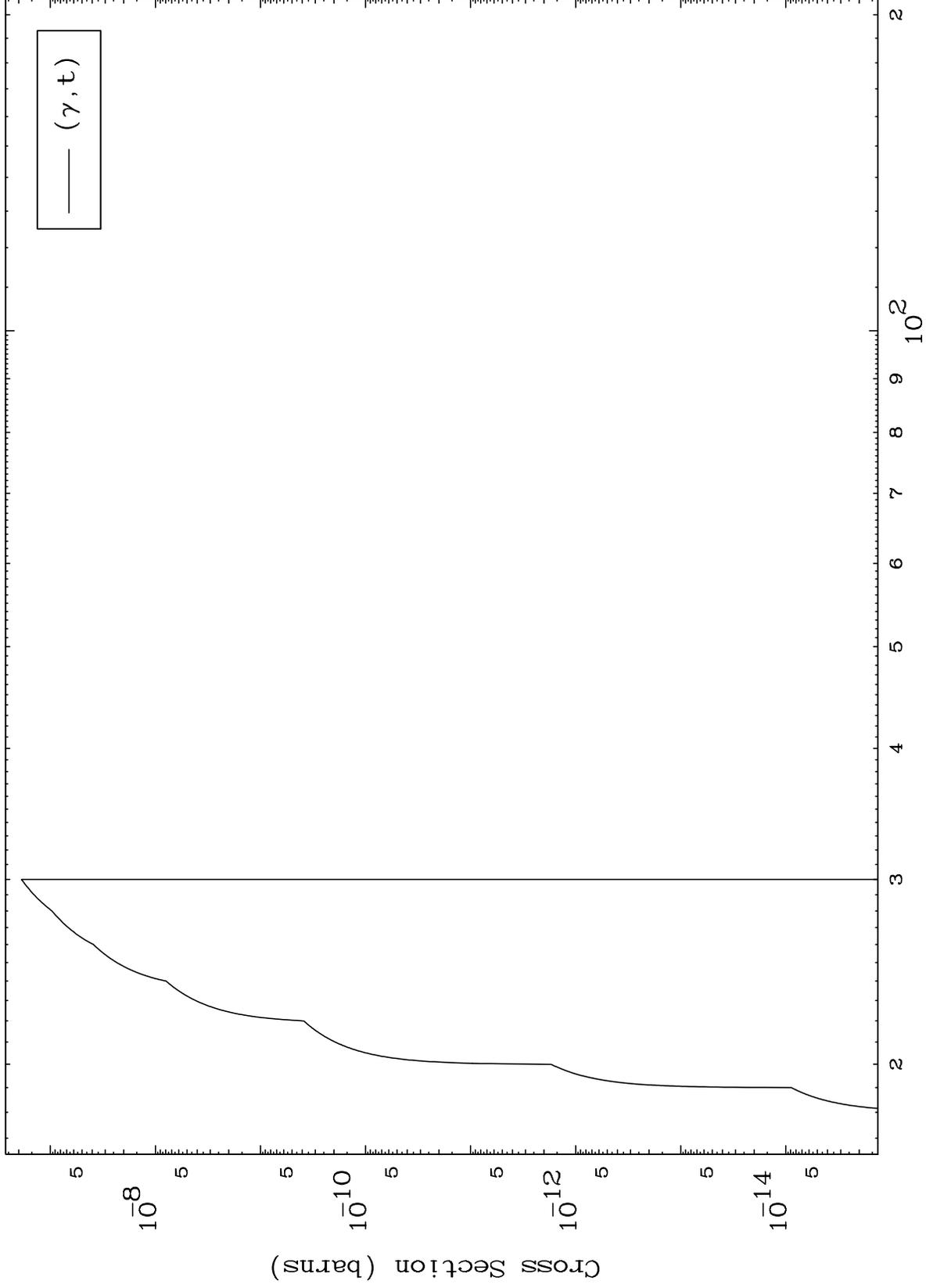
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



8

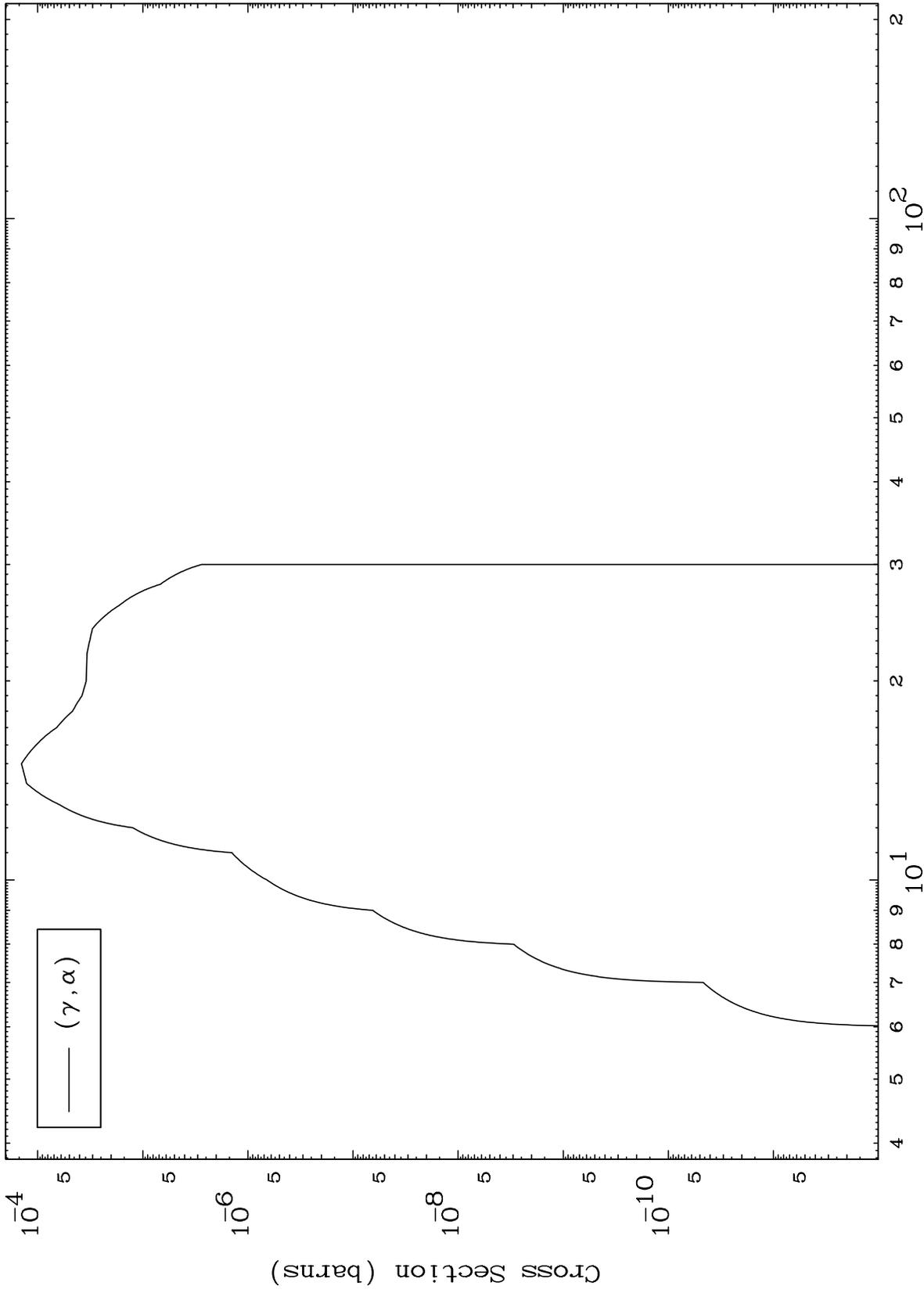
Incident Energy (MeV)

58-Ce-136

MAT 5825

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

58-Ce-136



9

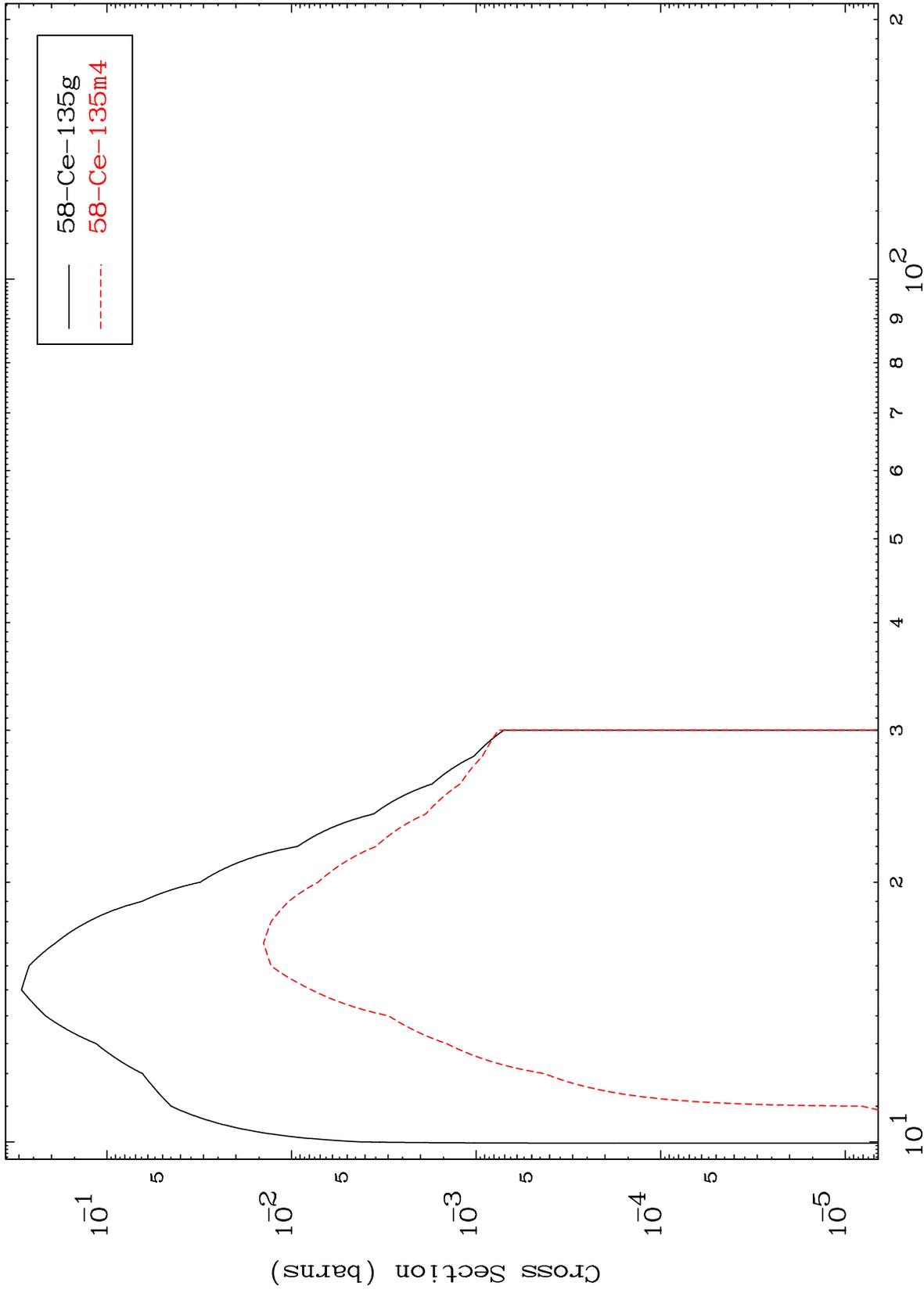
Incident Energy (MeV)

58-Ce-136

MAT 5825

Photon Inelastic  
Radionuclide Production Cross Section

58-Ce-136



Incident Energy (MeV)

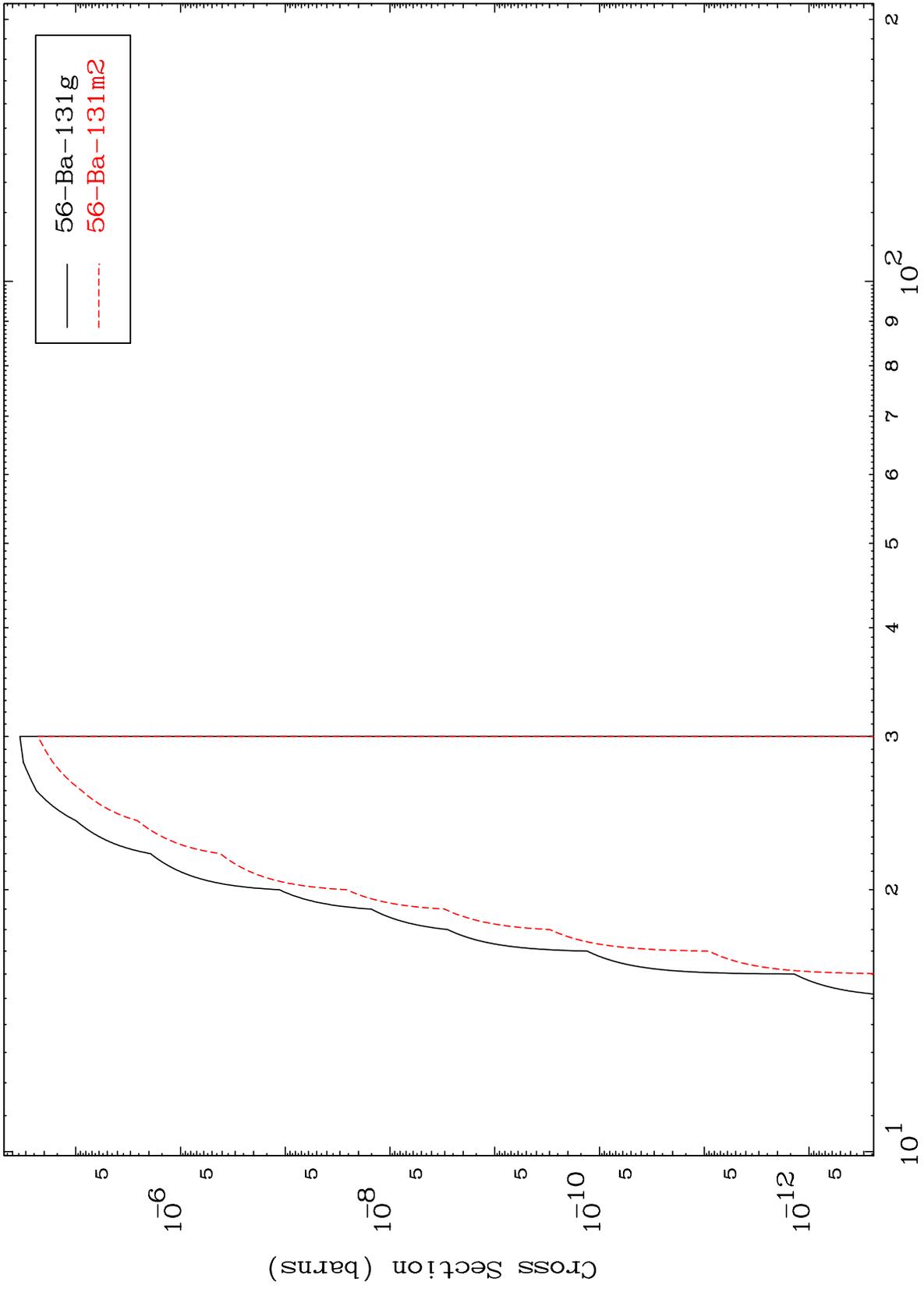
58-Ce-136

MAT 5825

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

58-Ce-136

Radionuclide Production Cross Section



11

Incident Energy (MeV)

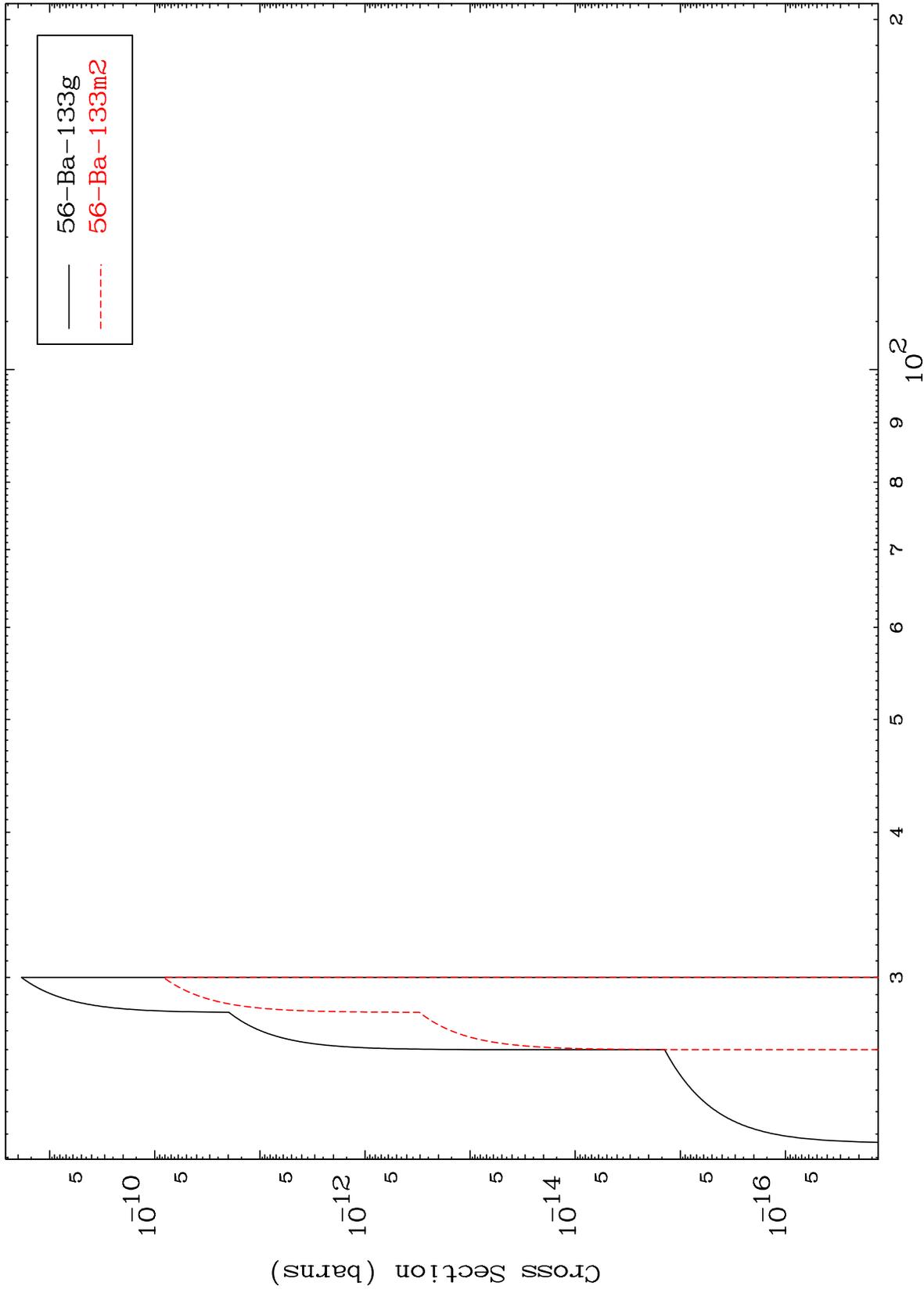
58-Ce-136

MAT 5825

( $\gamma, 2n$ ) p

58-Ce-136

Radionuclide Production Cross Section



12

Incident Energy (MeV)

58-Ce-136