

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

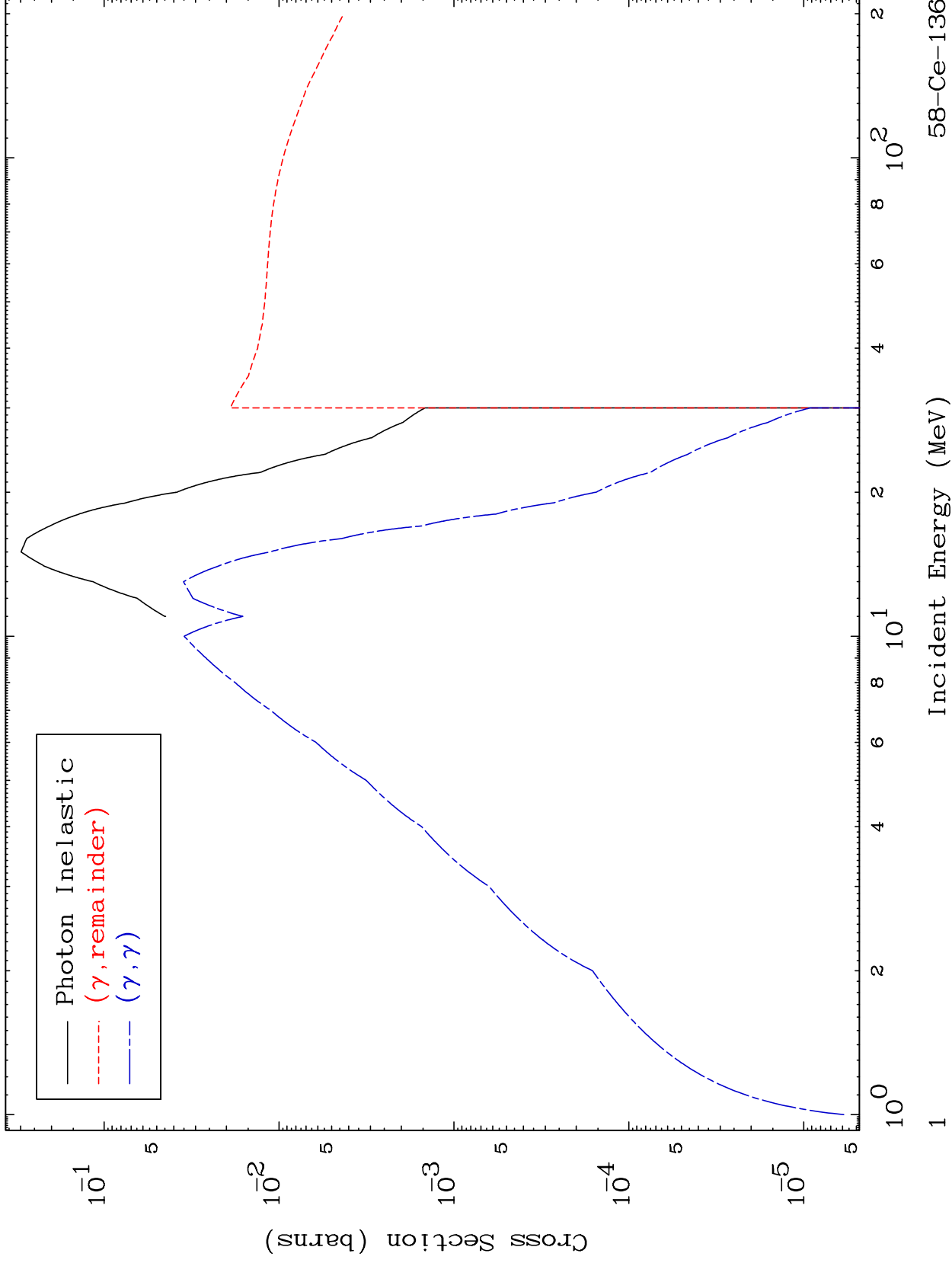
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5825

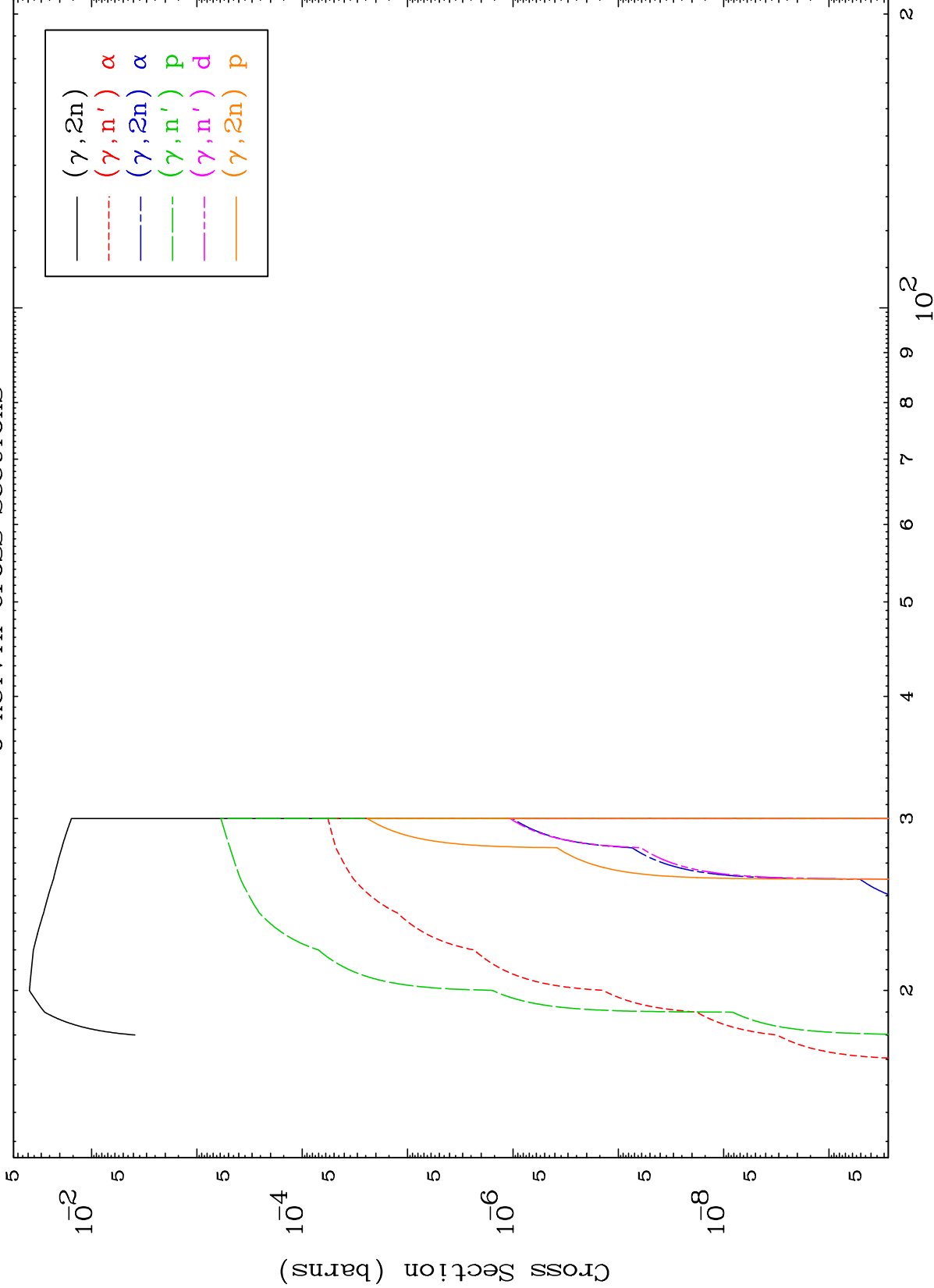
Photon Major
0 Kelvin Cross Sections

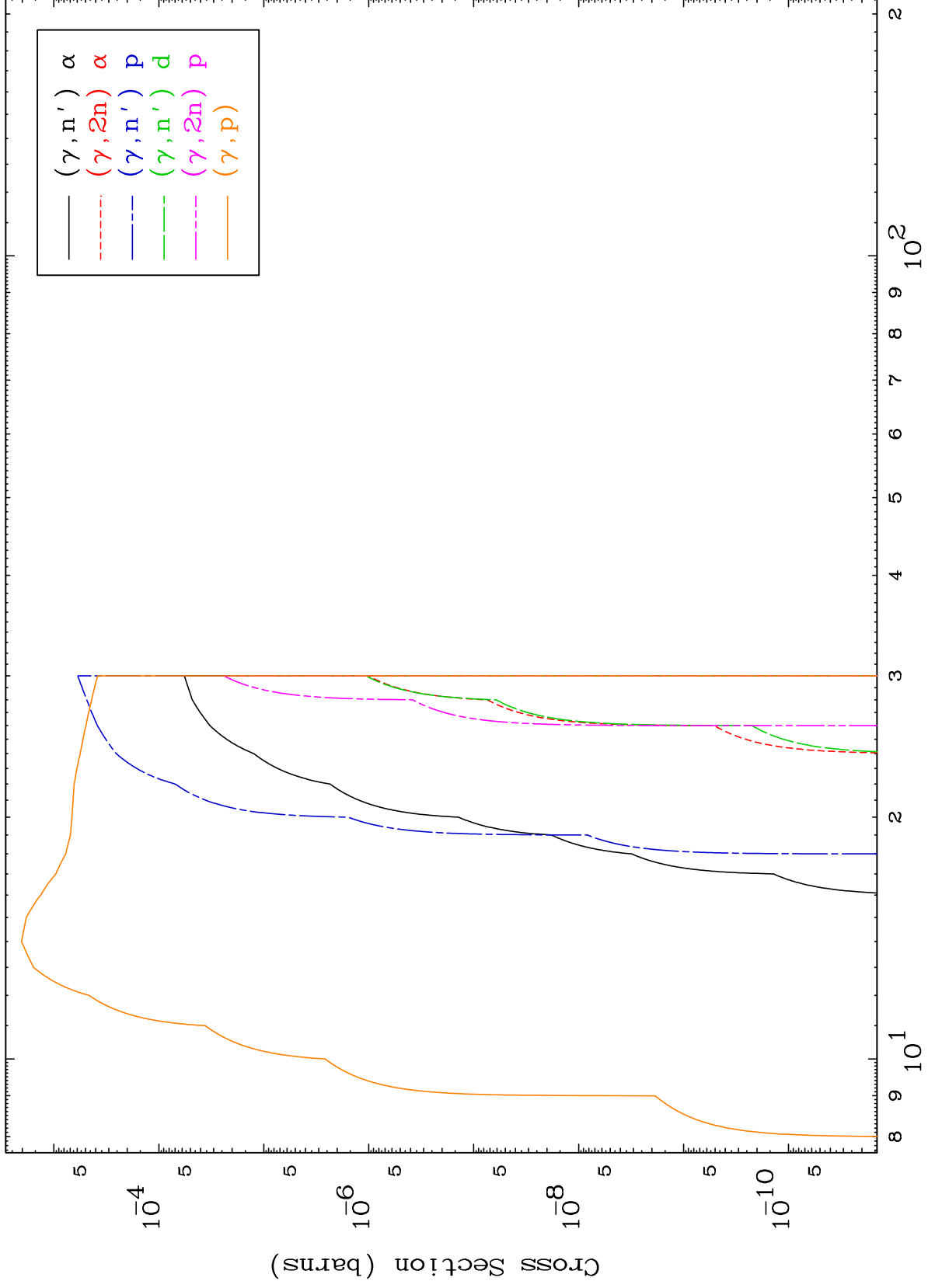
58-Ce-136



58-Ce-136

Incident Energy (MeV)

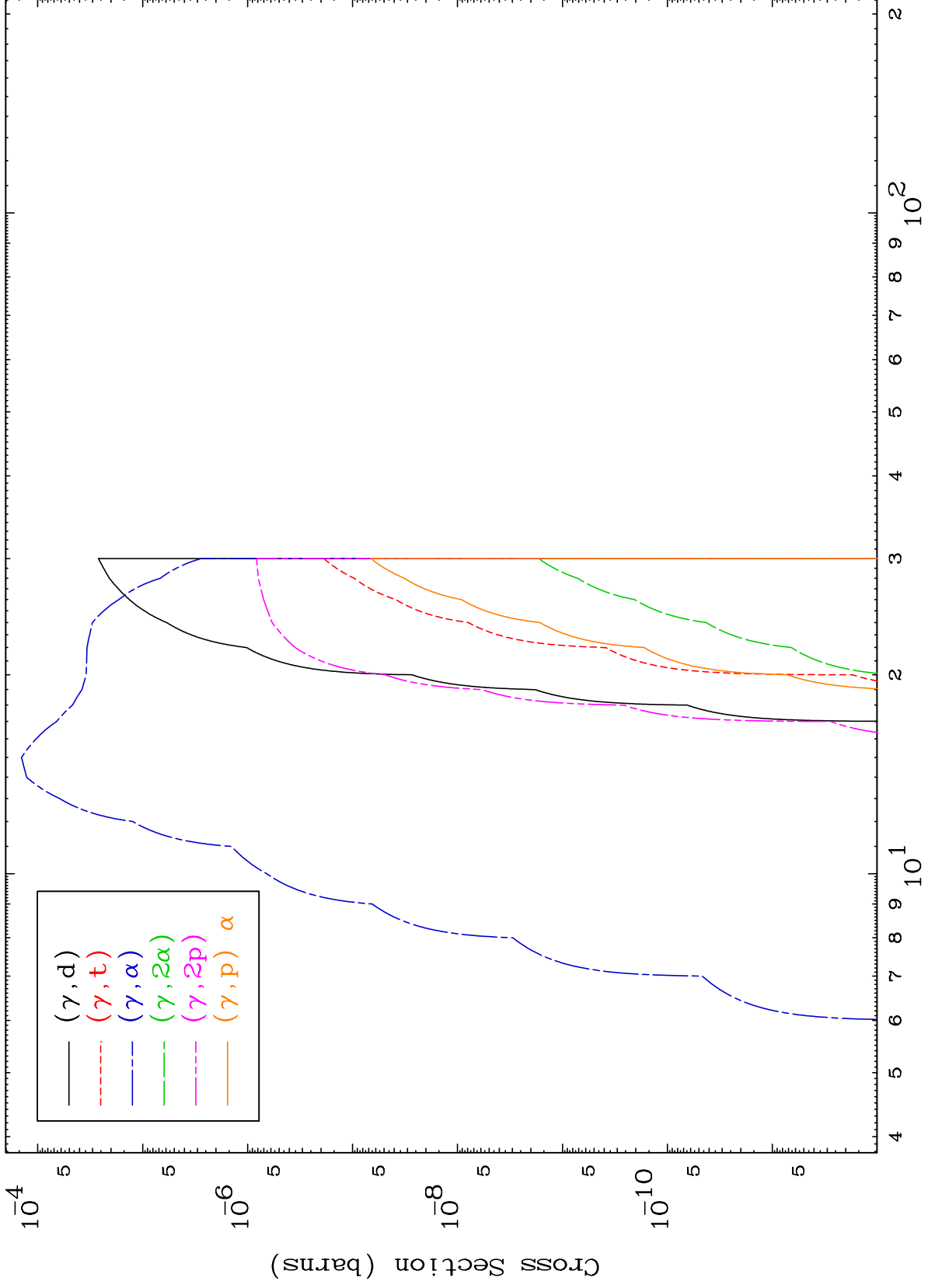




MAT 5825

Photon Charged Particle
0 Kelvin Cross Sections

58-Ce-136



4

Incident Energy (MeV)

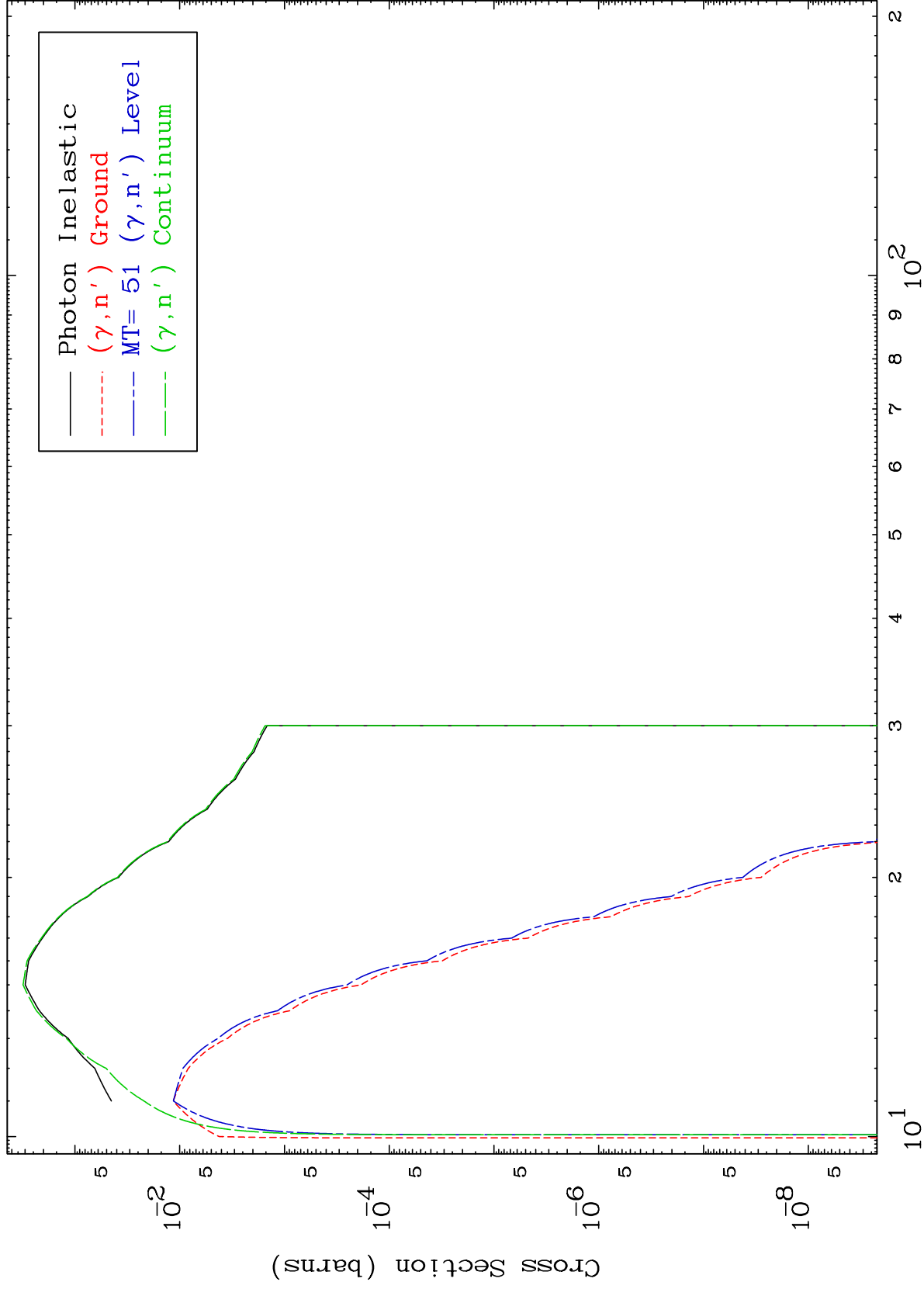
58-Ce-136

MAT 5825

(γ, n') Level

58-Ce-136

0 Kelvin Cross Sections



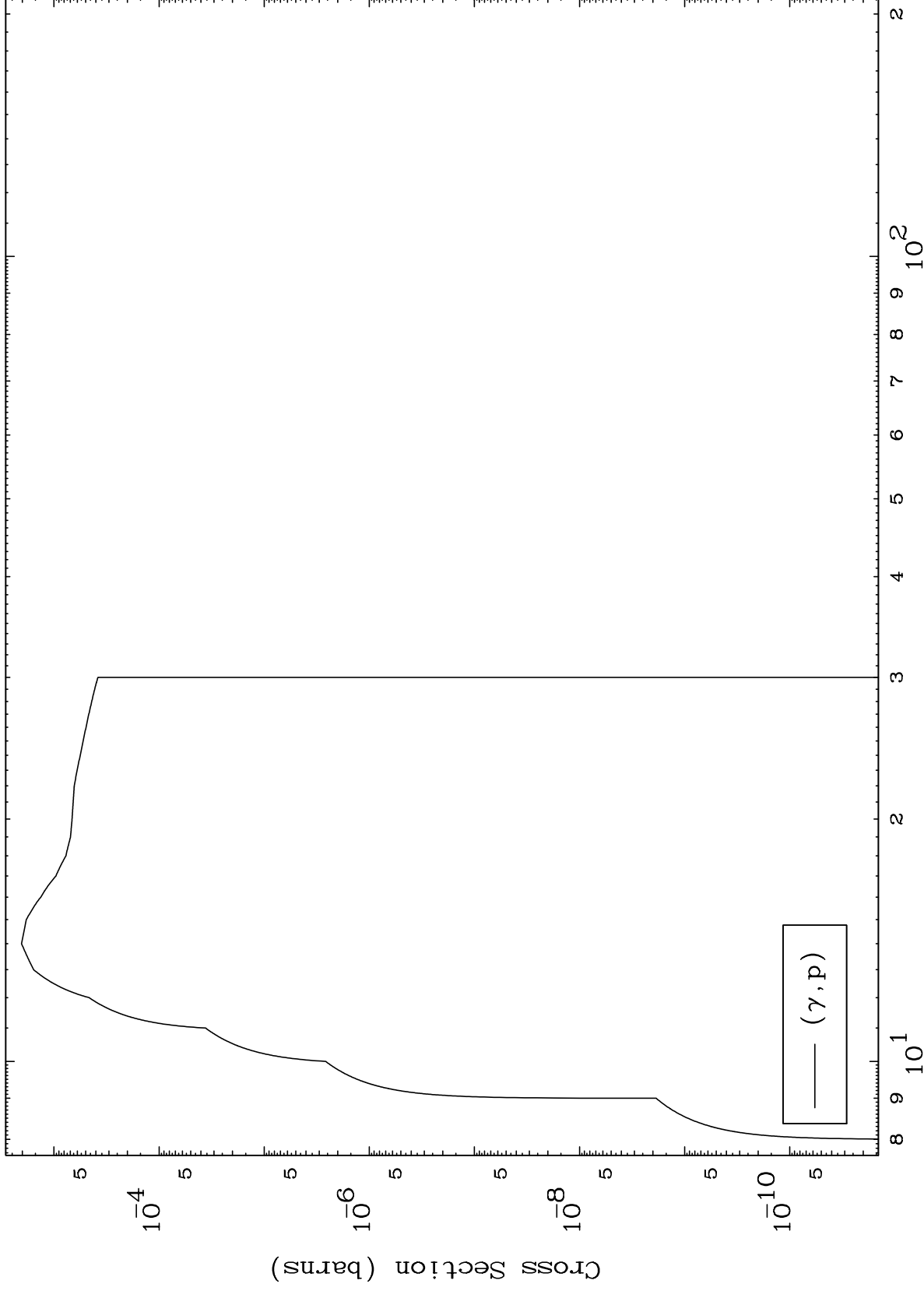
Incident Energy (MeV)

58-Ce-136

MAT 5825

(γ, p) Levels
0 Kelvin Cross Sections

58-Ce-136



Incident Energy (MeV)

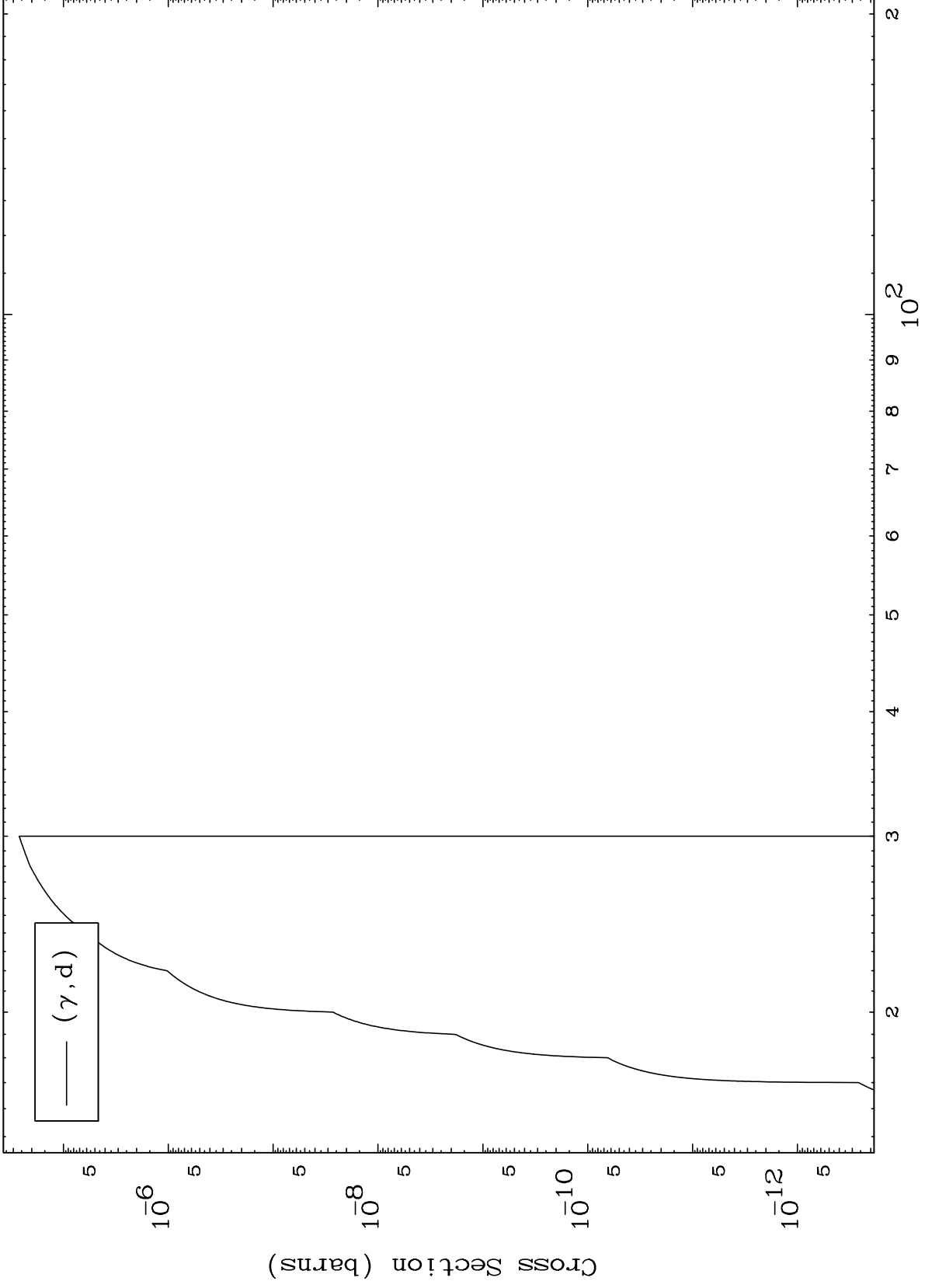
58-Ce-136

6

MAT 5825

(γ, d) Levels
0 Kelvin Cross Sections

58-Ce-136



7

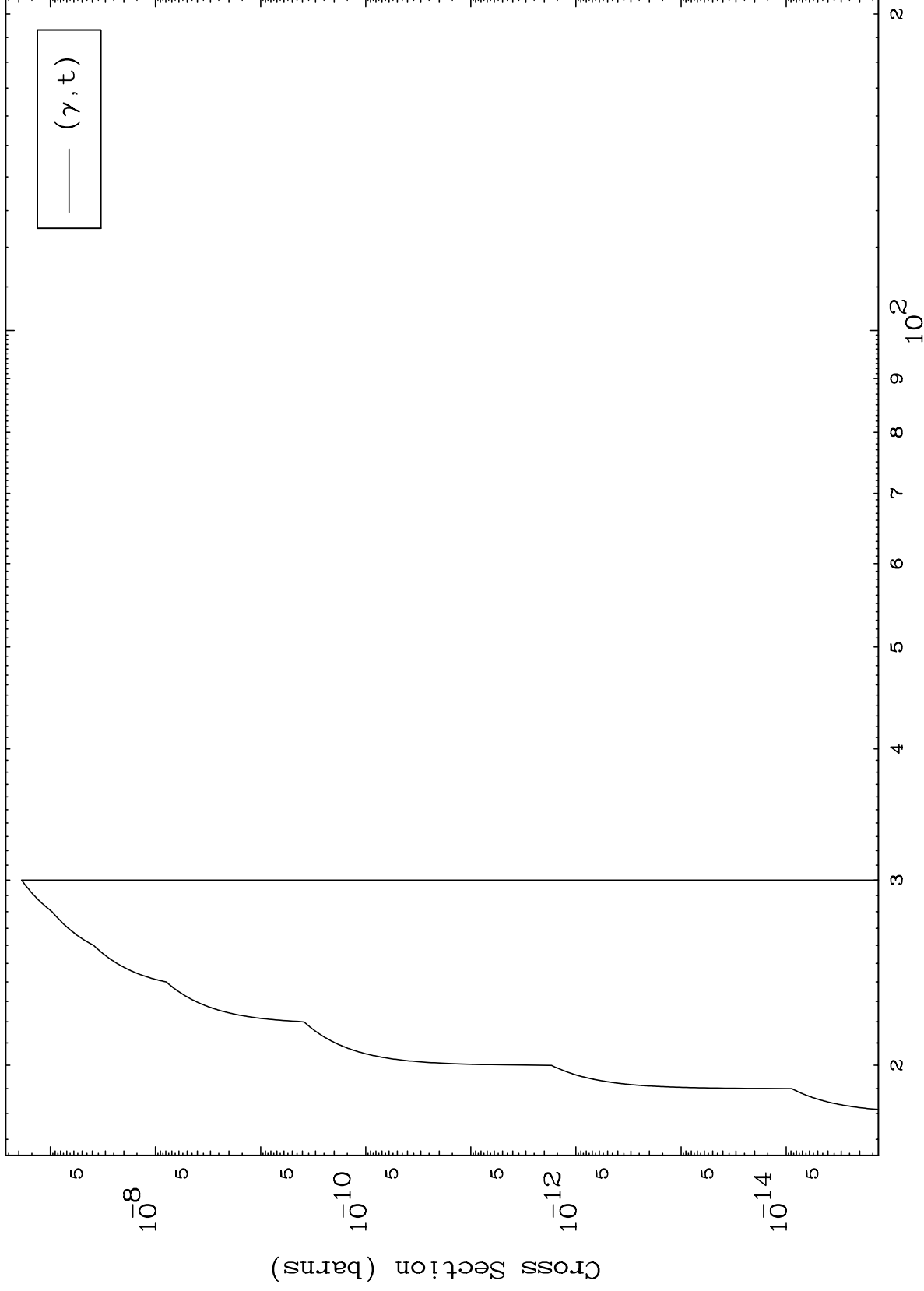
Incident Energy (MeV)

58-Ce-136

MAT 5825

(γ, t) Levels
0 Kelvin Cross Sections

58-Ce-136



8

Incident Energy (MeV)

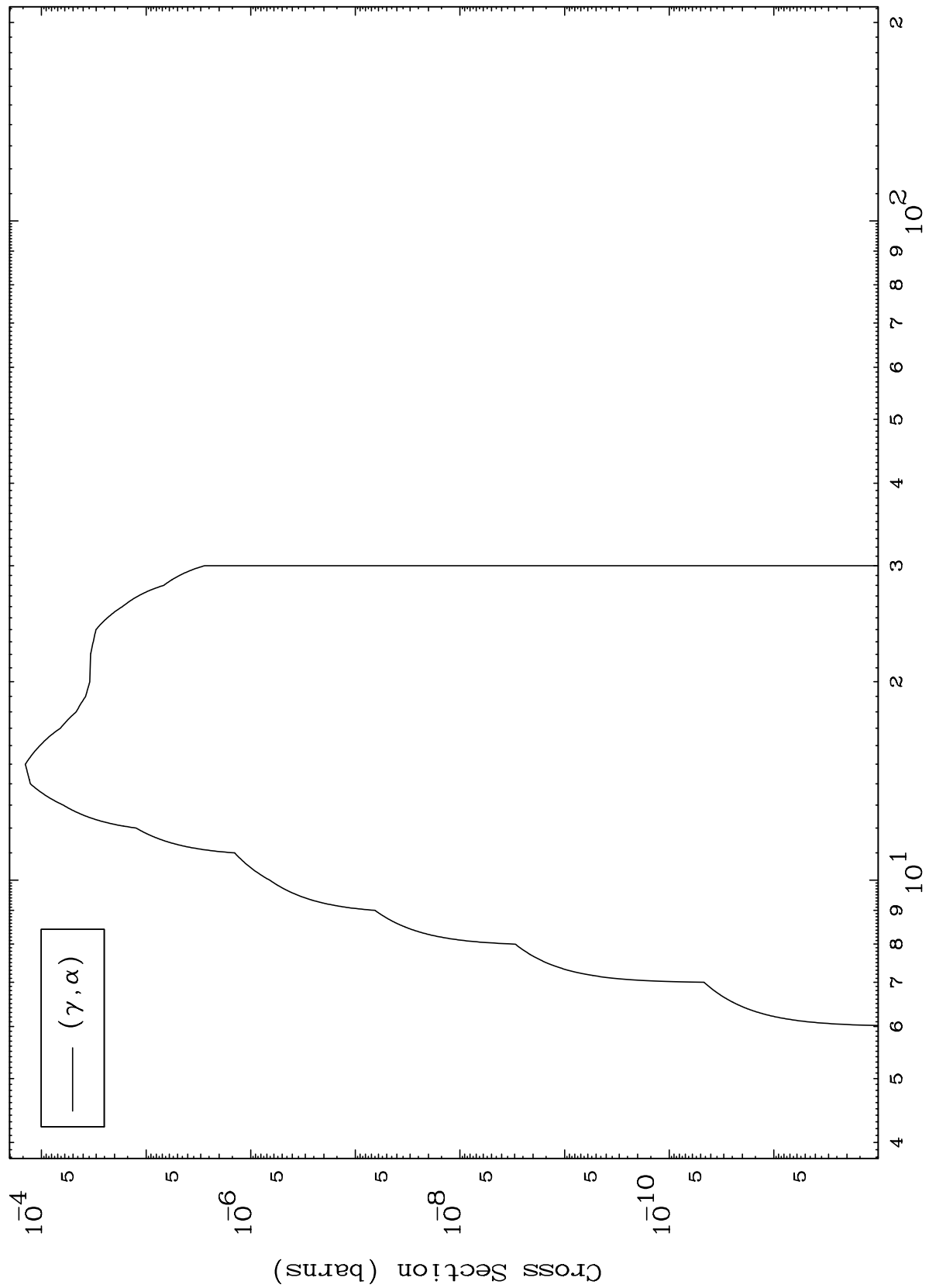
58-Ce-136

MAT 5825

(γ, α) Levels

58-Ce-136

0 Kelvin Cross Sections



(γ, α)

9

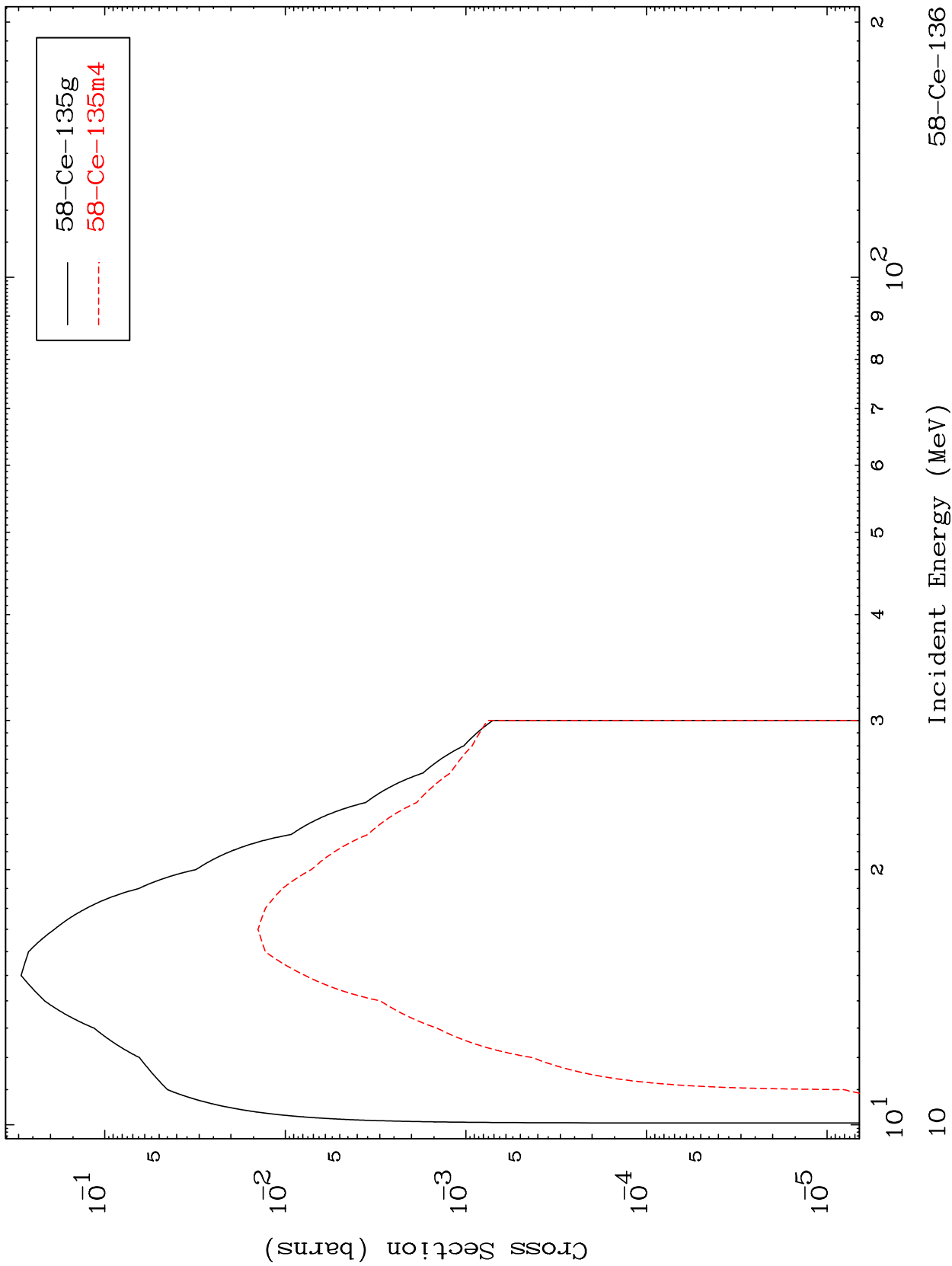
Incident Energy (MeV)

58-Ce-136

MAT 5825

58-Ce-136

Photon Inelastic
Radionuclide Production Cross Section



58-Ce-136

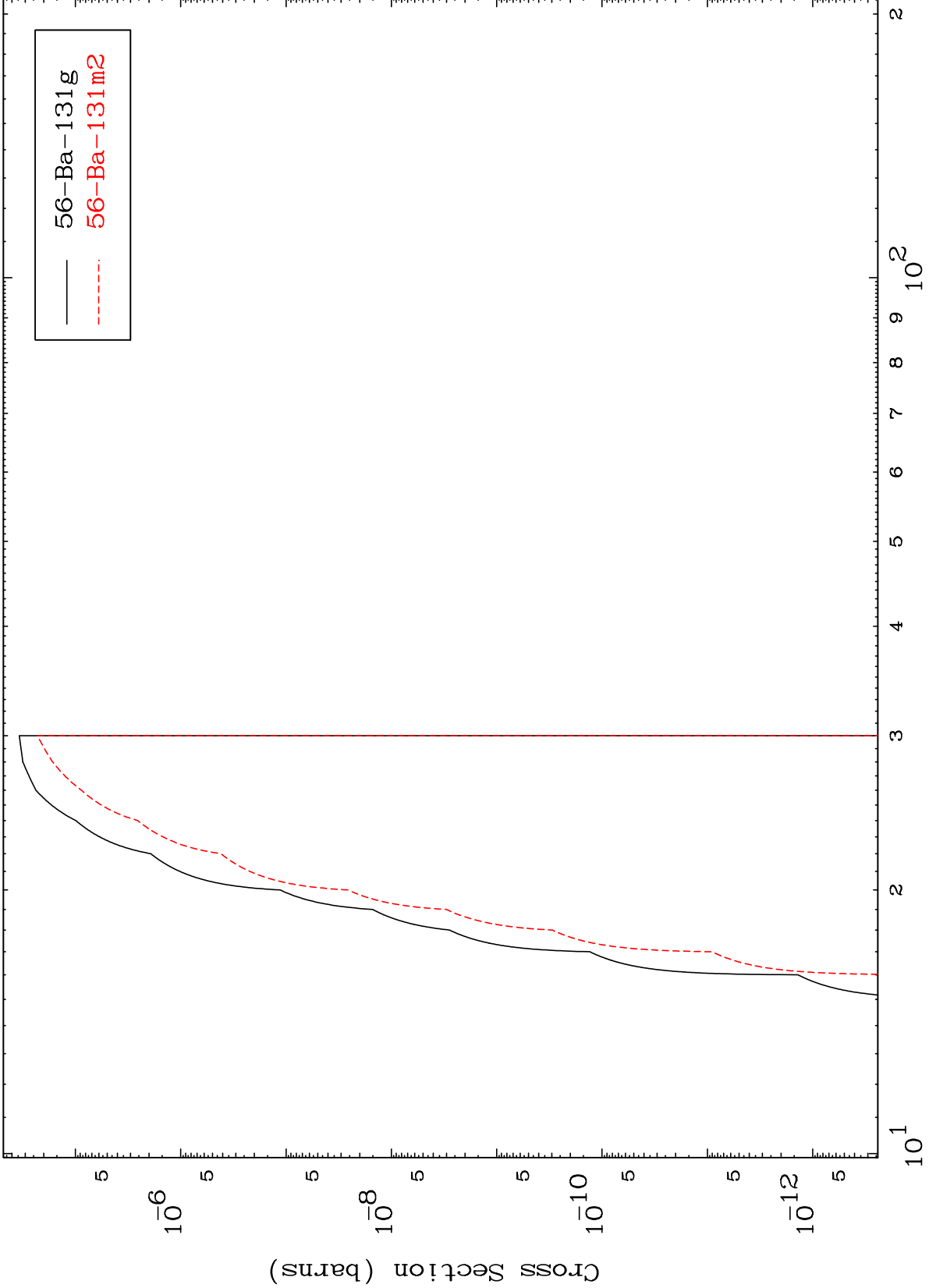
Incident Energy (MeV)

MAT 5825

(γ, n') α

58-Ce-136

Radionuclide Production Cross Section



11

Incident Energy (MeV)

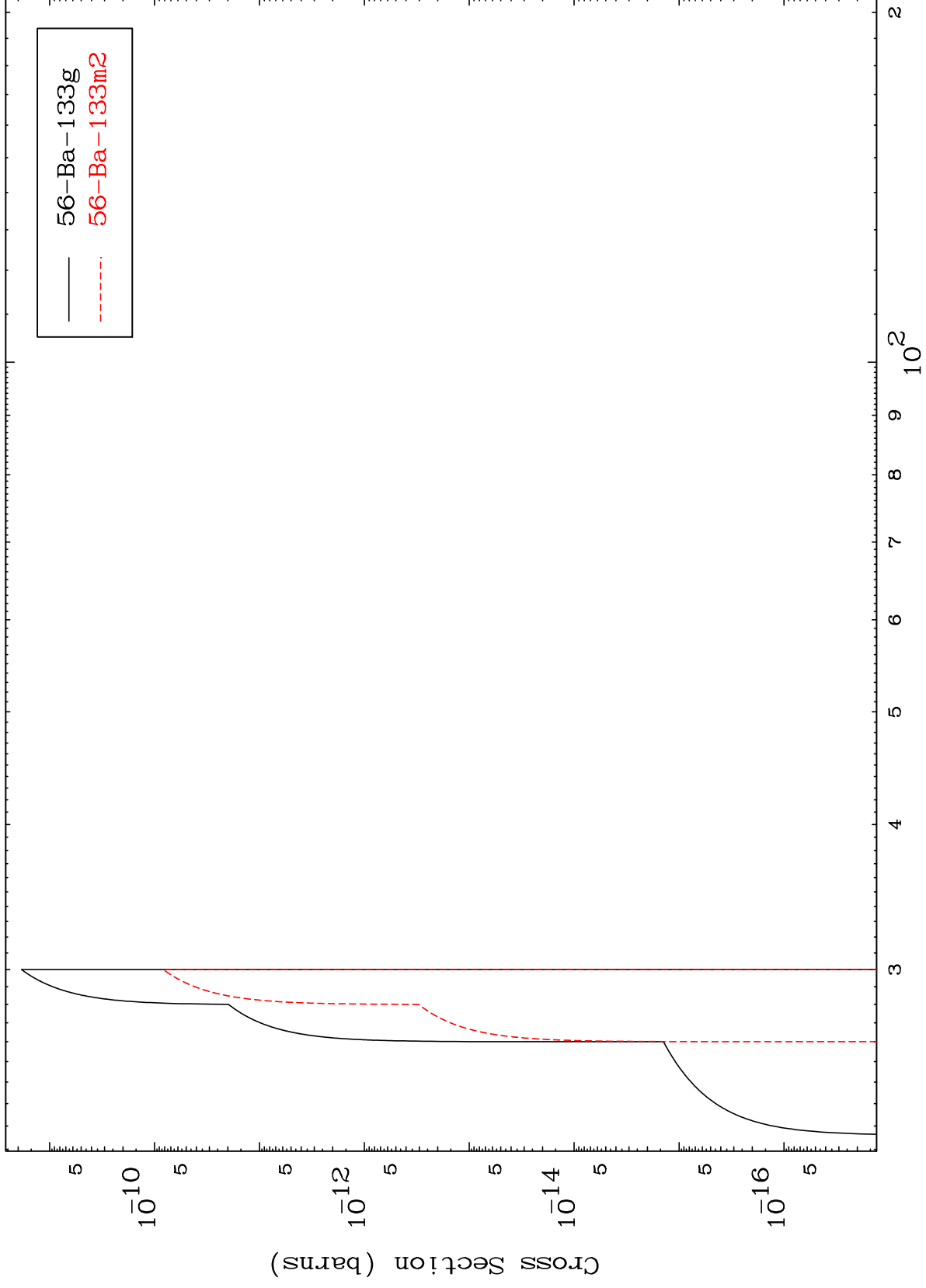
58-Ce-136

MAT 5825

($\gamma, 2n$) p

58-Ce-136

Radionuclide Production Cross Section



12

Incident Energy (MeV)

58-Ce-136