

Program EVALPLOT
(Version 2018-1)

by

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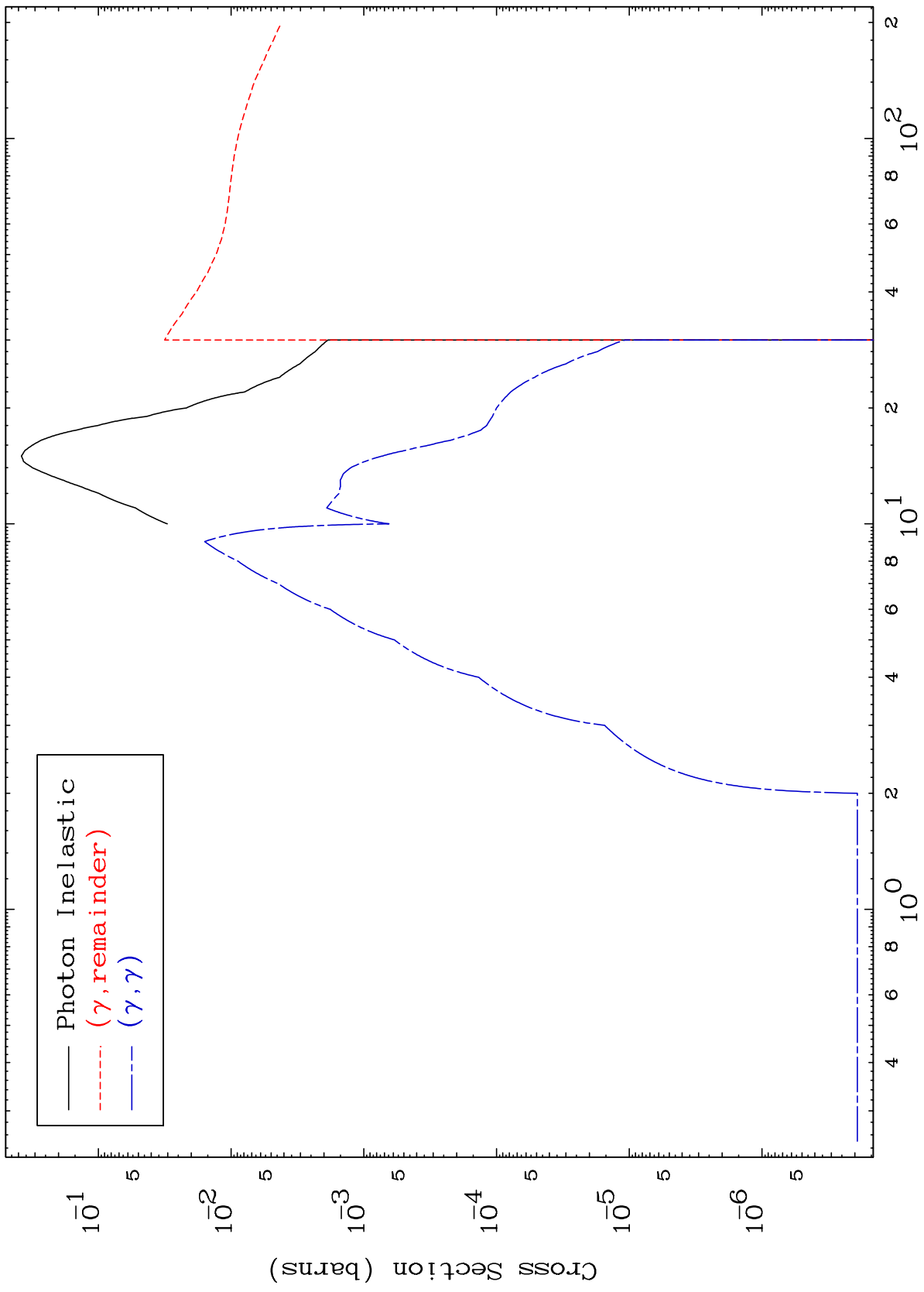
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5837

Photon Major
0 Kelvin Cross Sections

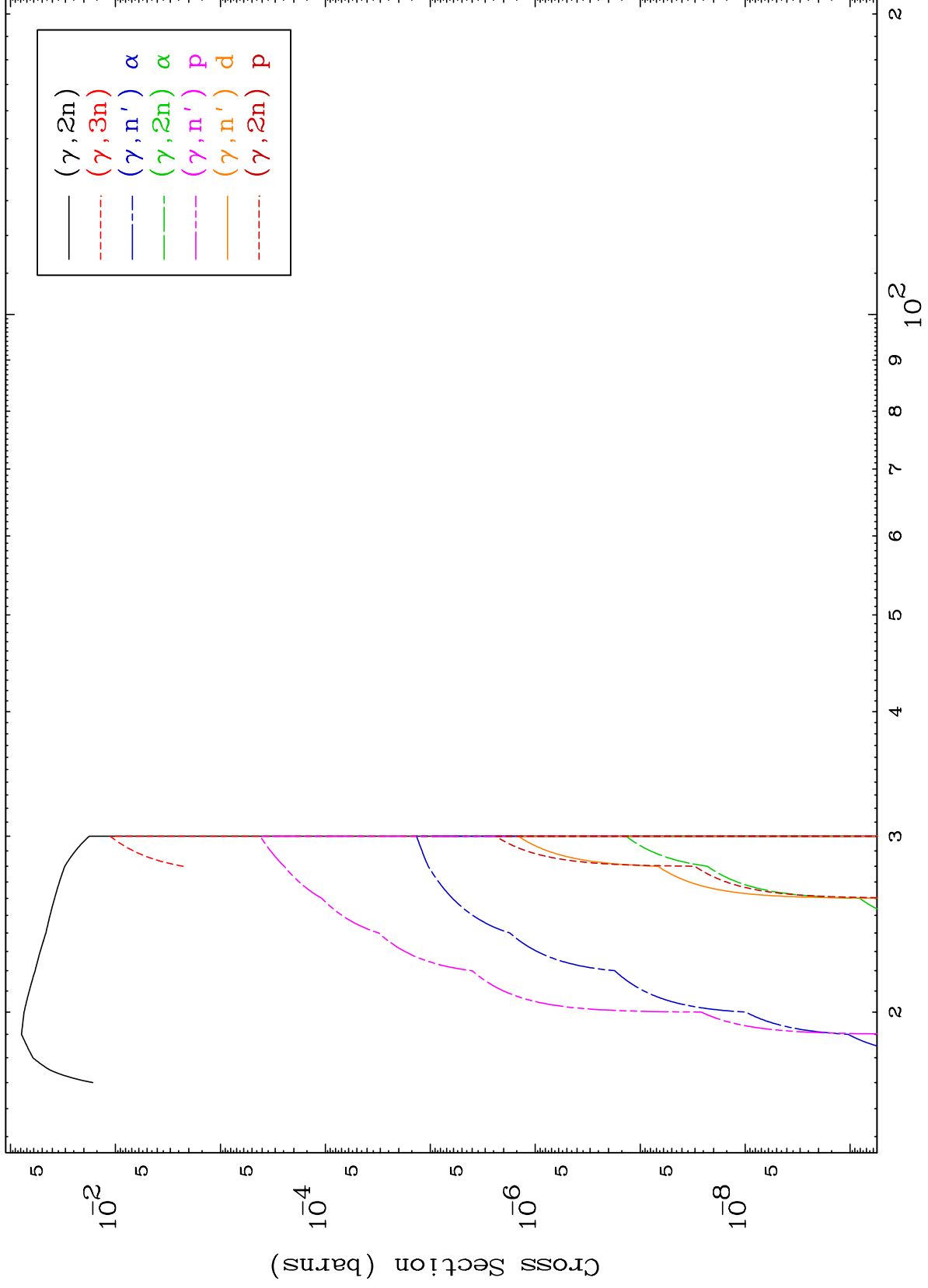
58-Ce-140



MAT 5837

Photon Neutron Production
0 Kelvin Cross Sections

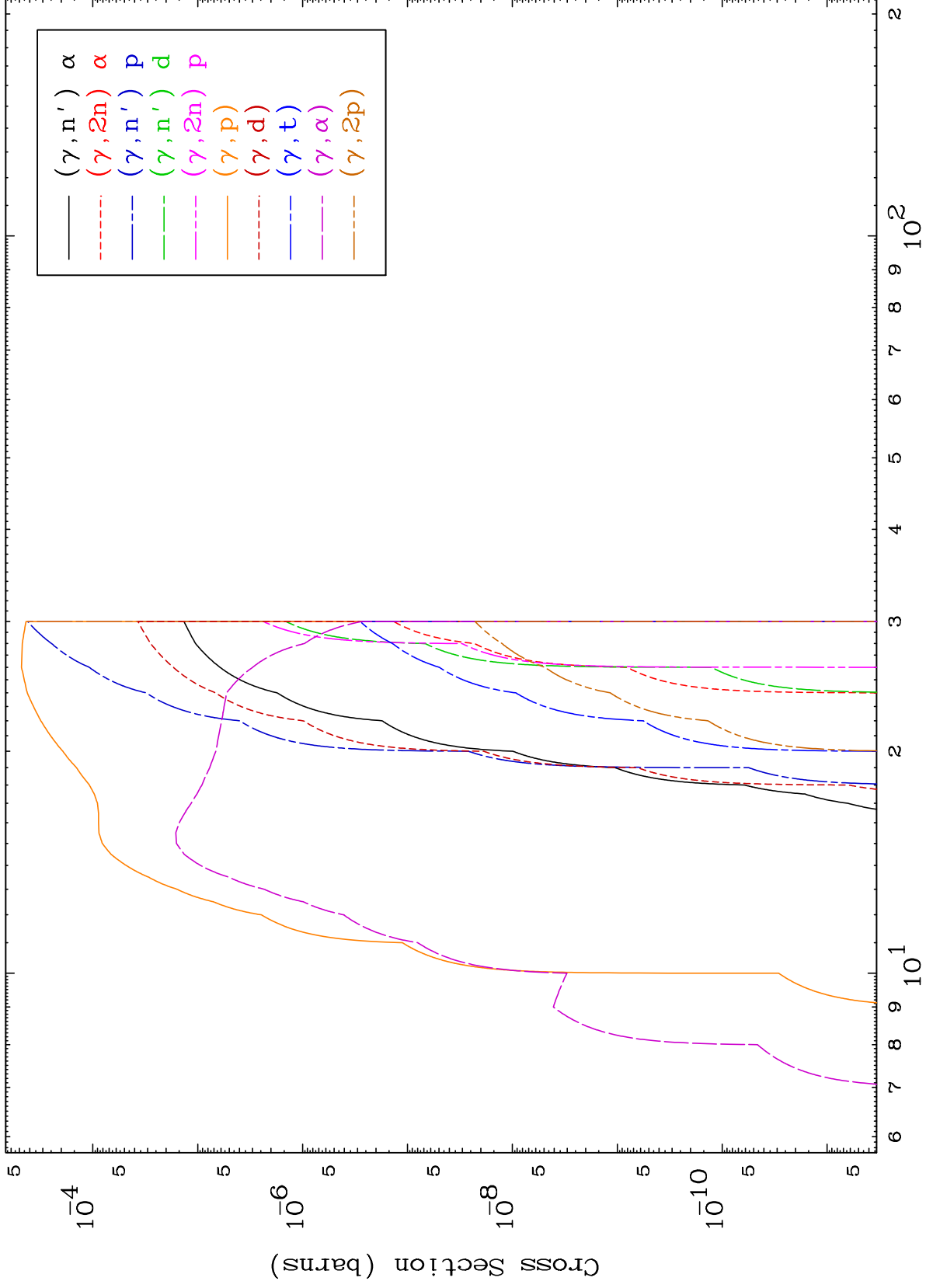
58-Ce-140



2

Incident Energy (MeV)

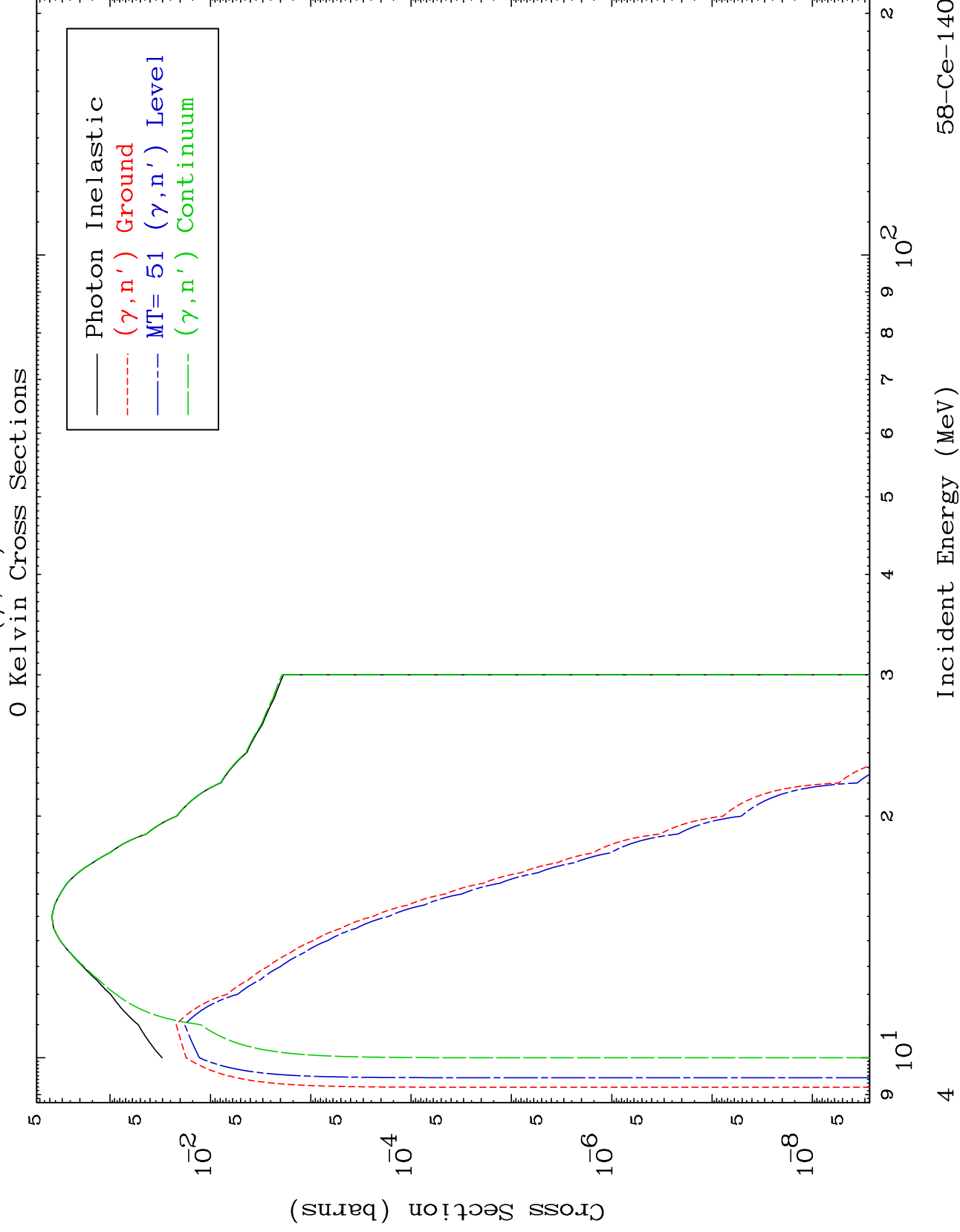
58-Ce-140



MAT 5837

(γ, n') Level

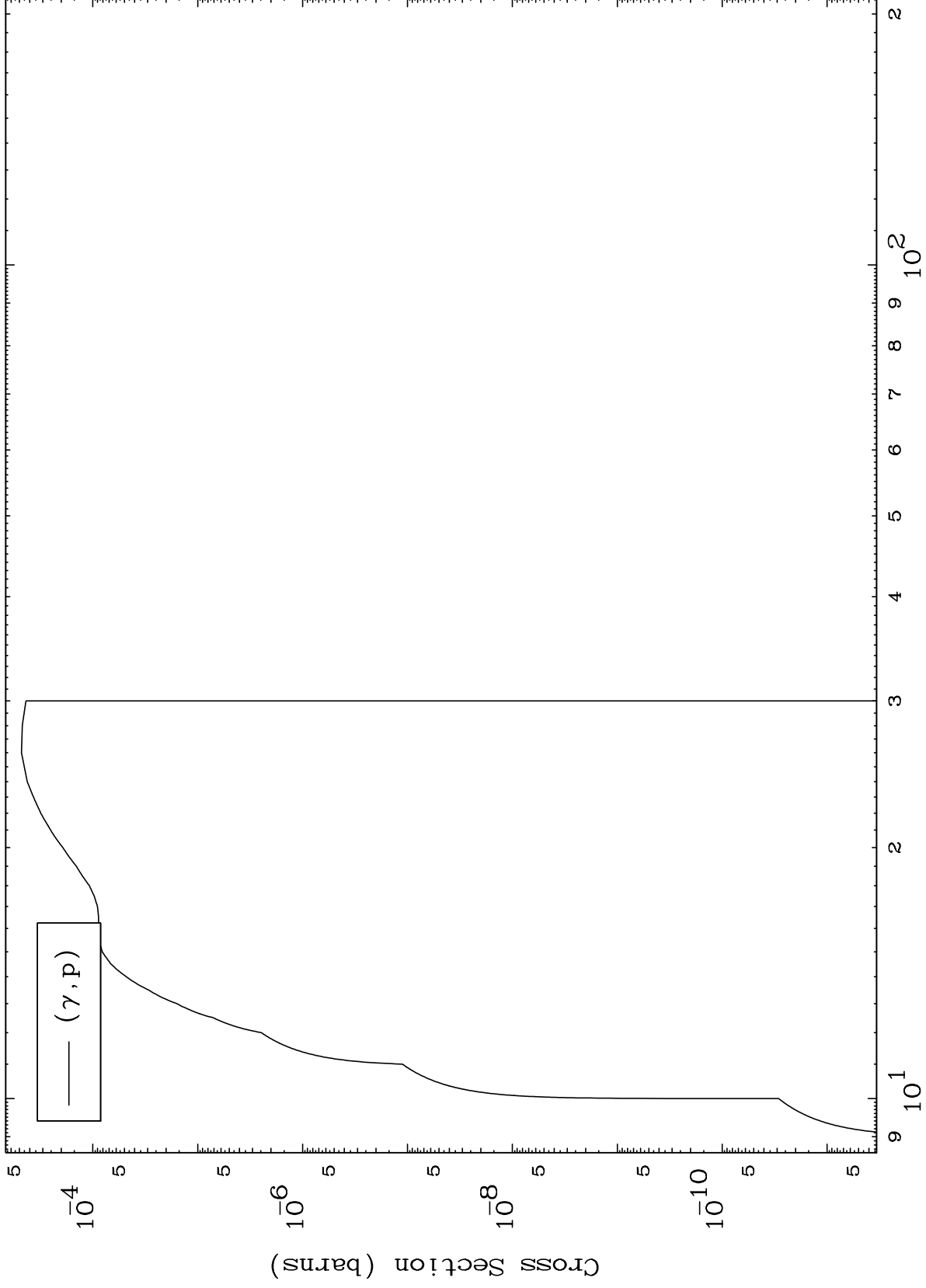
58-Ce-140



MAT 5837

(γ, p) Levels
0 Kelvin Cross Sections

58-Ce-140



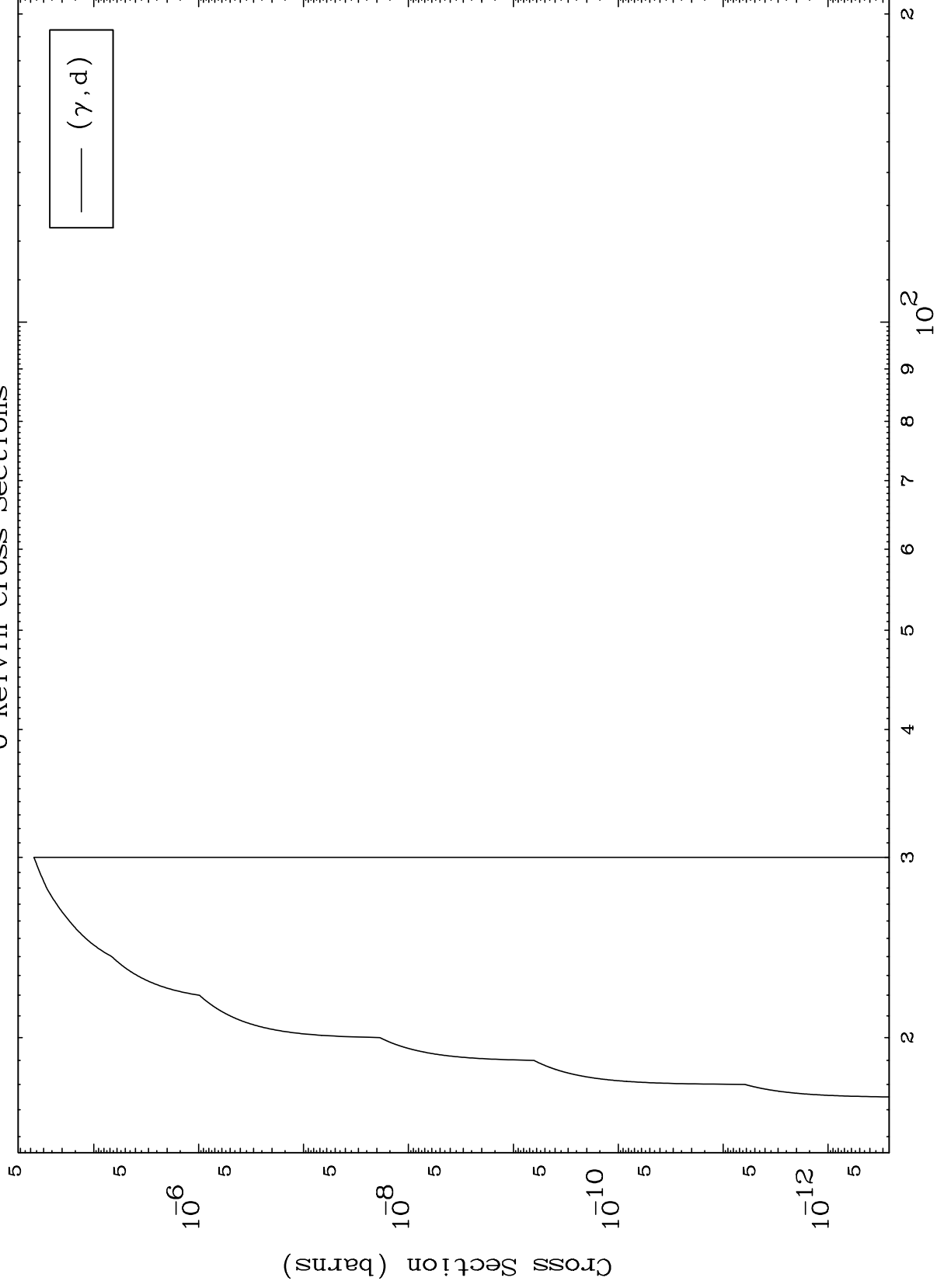
Incident Energy (MeV)

58-Ce-140

MAT 5837

(γ, d) Levels
0 Kelvin Cross Sections

58-Ce-140



6

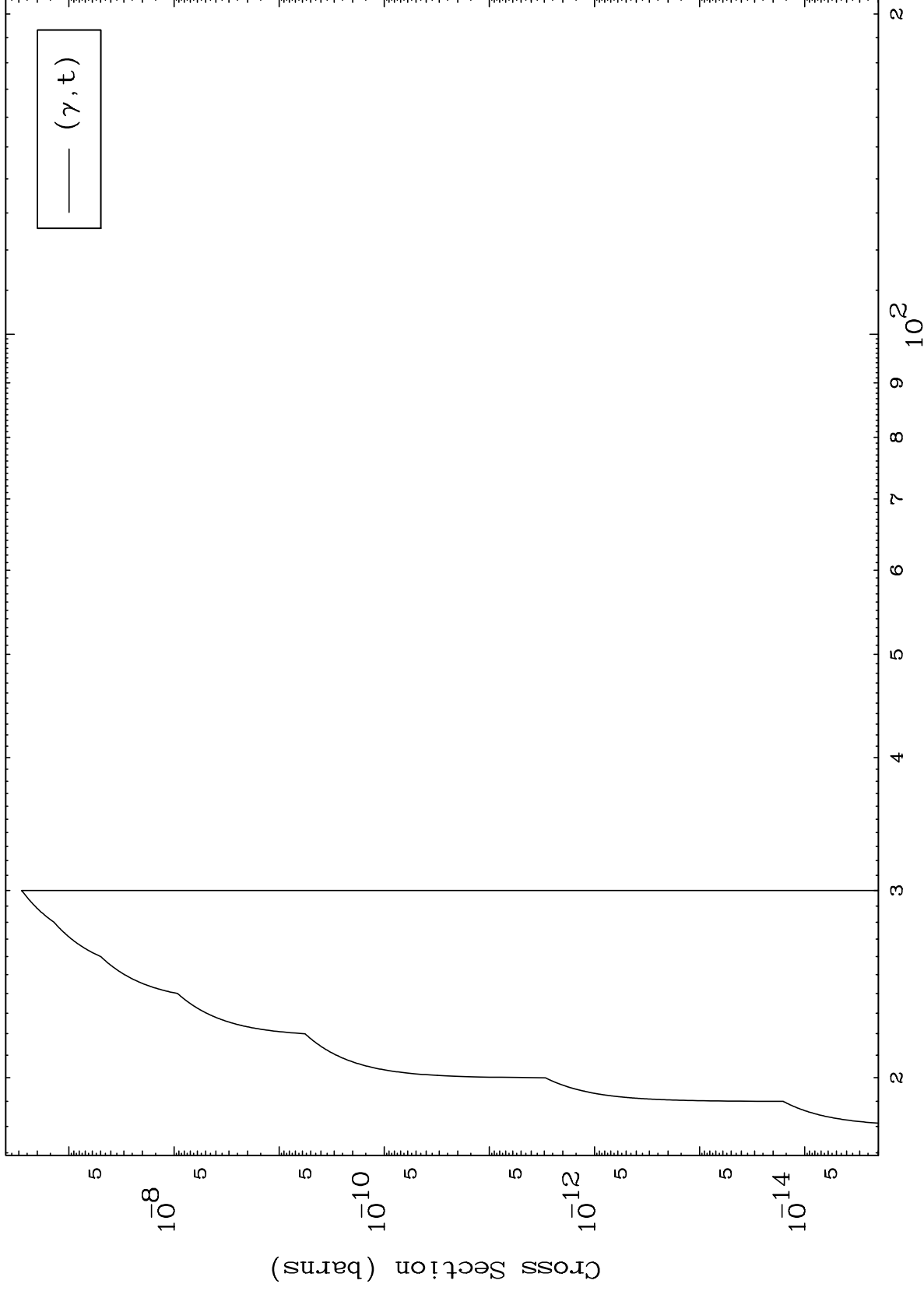
Incident Energy (MeV)

58-Ce-140

MAT 5837

(γ, t) Levels
0 Kelvin Cross Sections

58-Ce-140



7

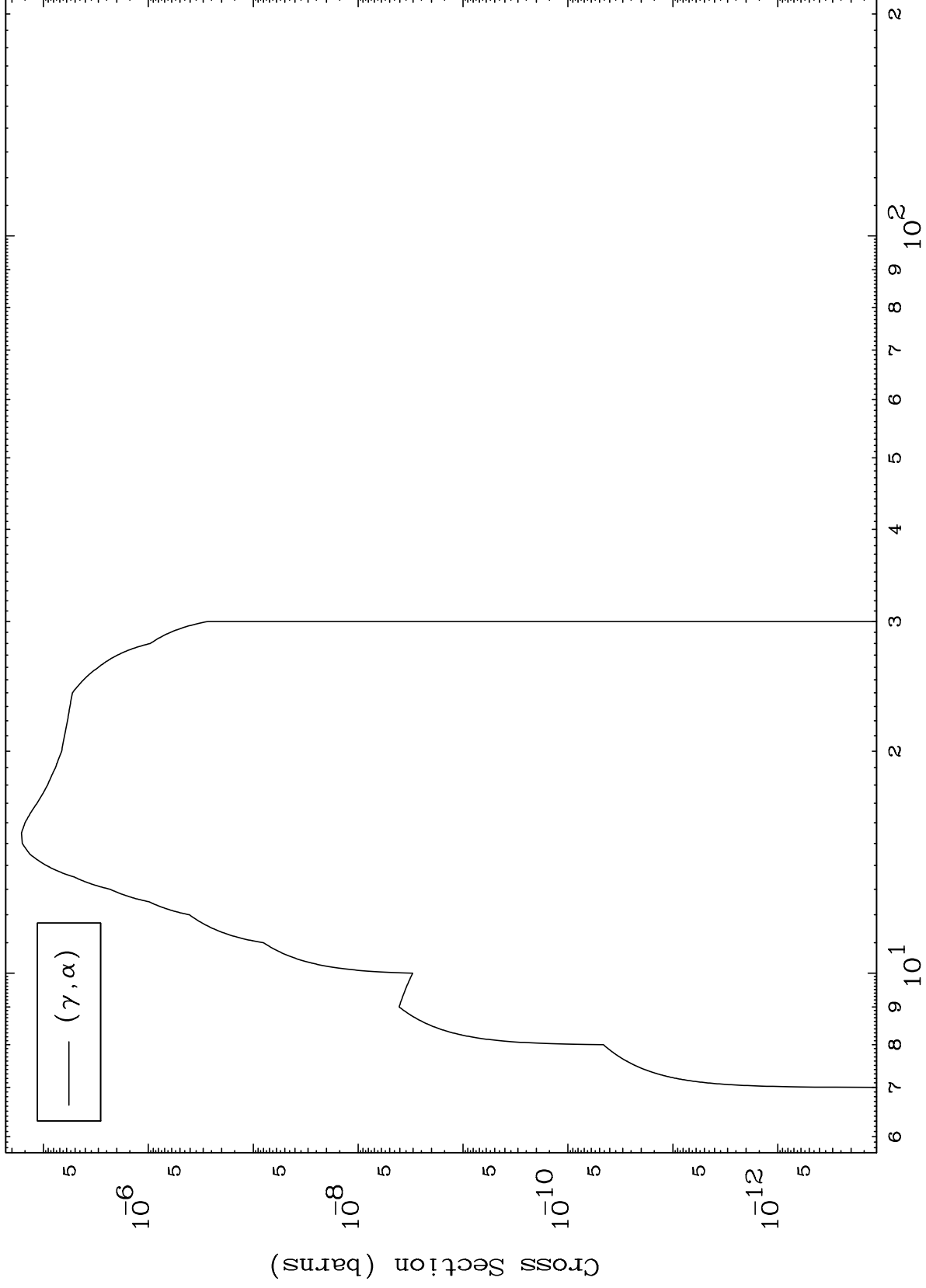
Incident Energy (MeV)

58-Ce-140

MAT 5837

(γ, α) Levels
0 Kelvin Cross Sections

58-Ce-140



8

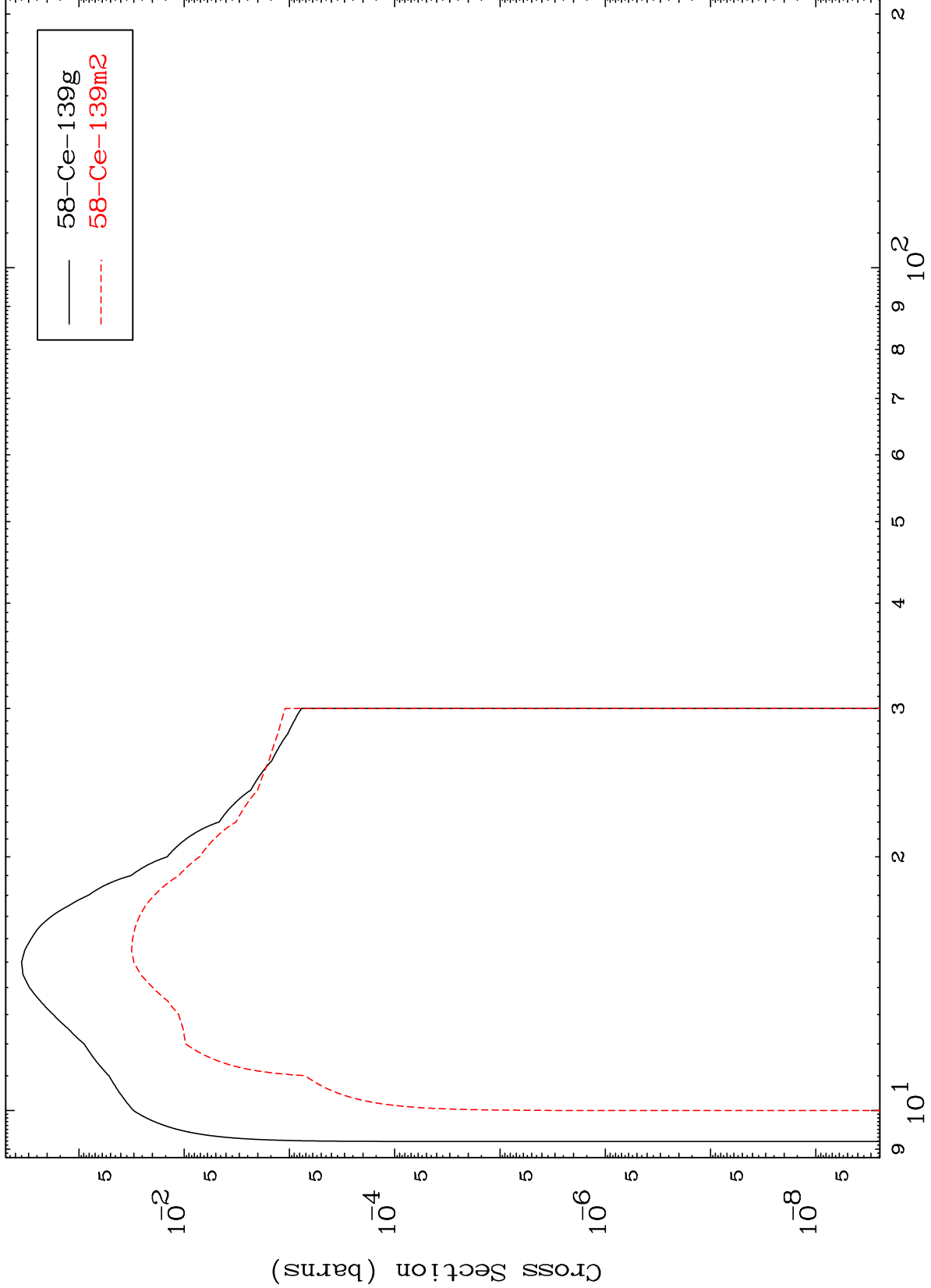
Incident Energy (MeV)

58-Ce-140

MAT 5837

Photon Inelastic
Radionuclide Production Cross Section

58-Ce-140



Incident Energy (MeV)

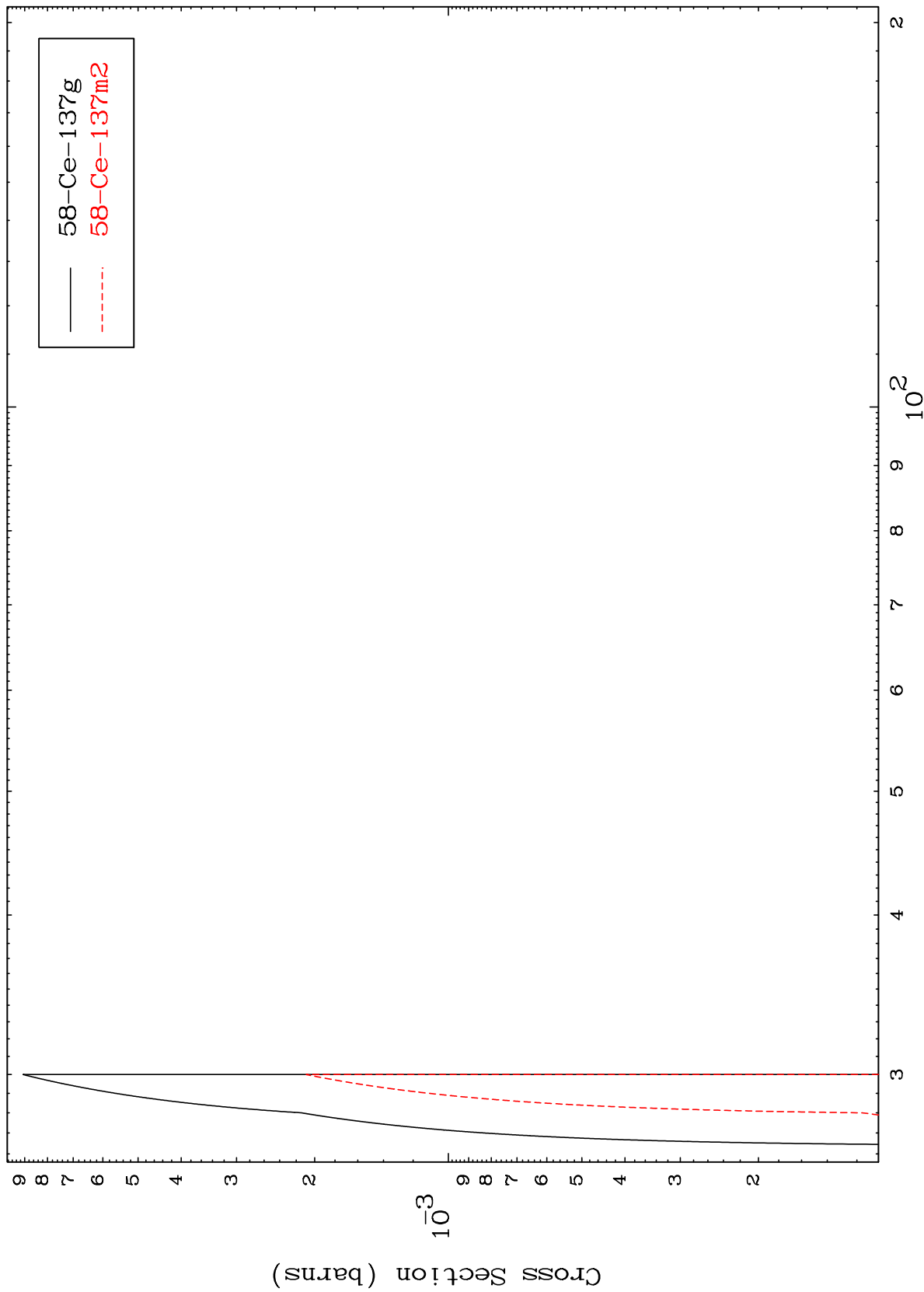
58-Ce-140

MAT 5837

58-Ce-140

($\gamma, 3n$)

Radionuclide Production Cross Section



58-Ce-140

Incident Energy (MeV)

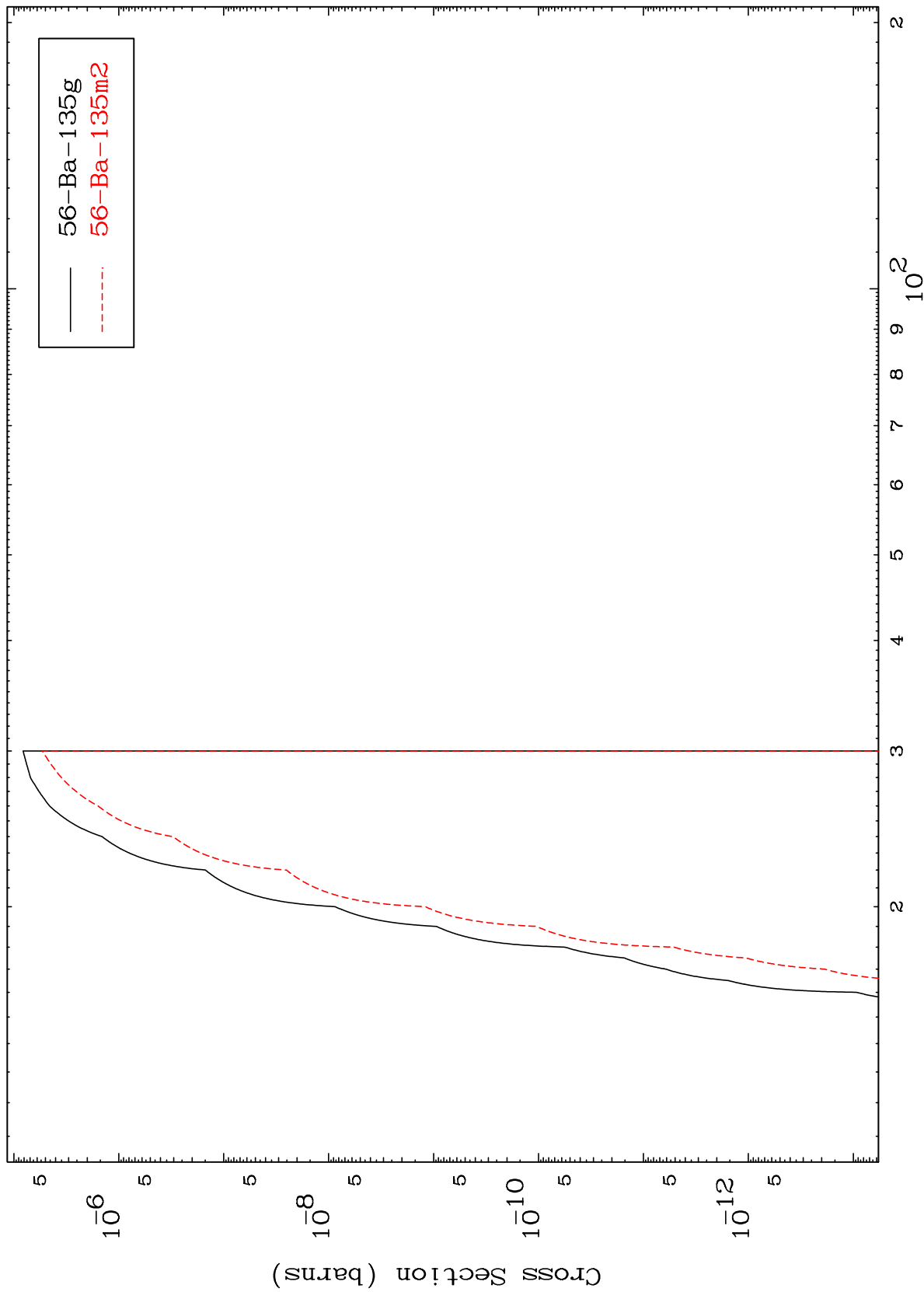
10

MAT 5837

(γ, n') α

58-Ce-140

Radionuclide Production Cross Section



11

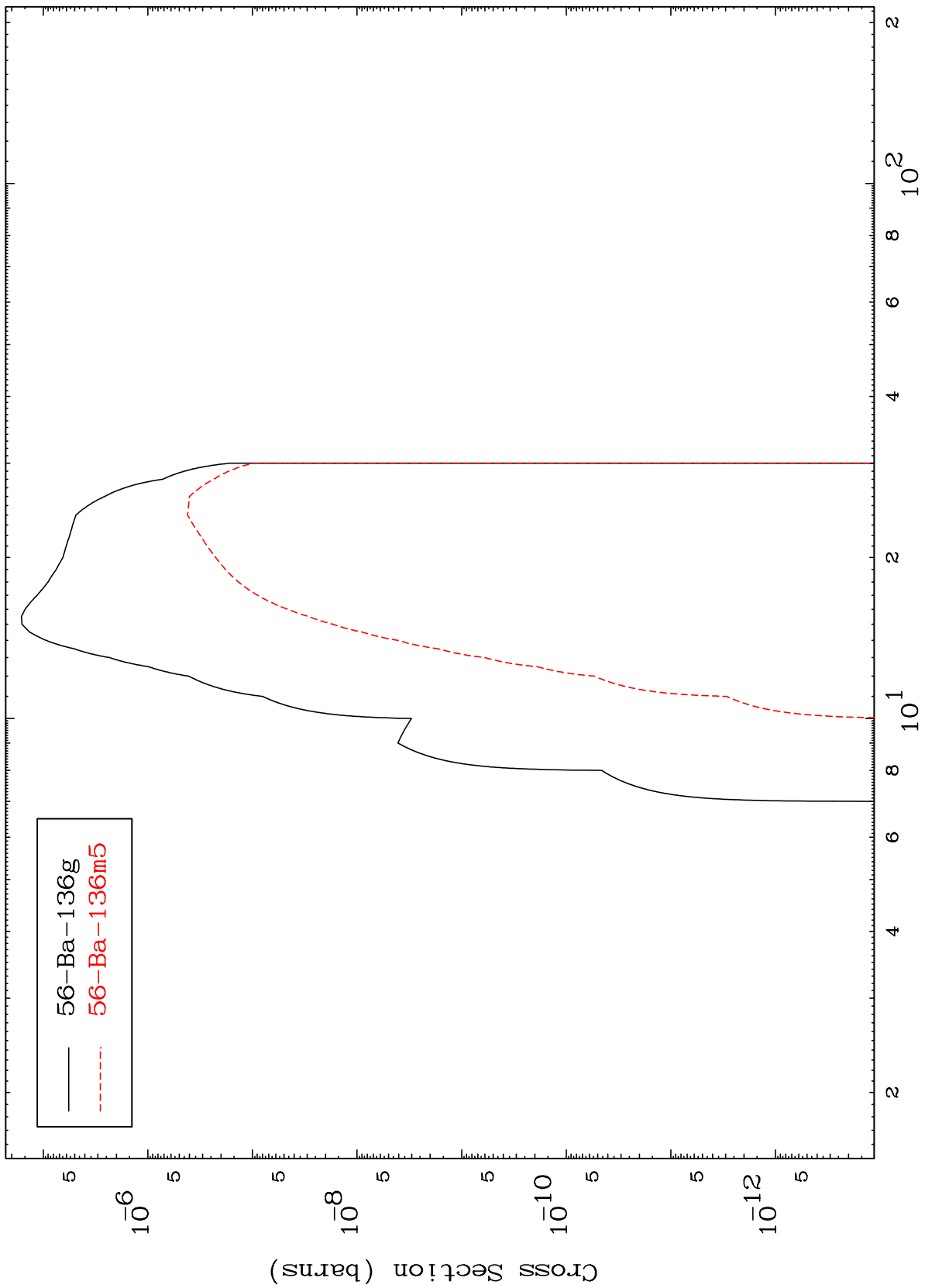
Incident Energy (MeV)

58-Ce-140

MAT 5837

58-Ce-140

(γ, α)
Radionuclide Production Cross Section



— 56-Ba-136g
- - - 56-Ba-136m5

12

58-Ce-140

Incident Energy (MeV)