

Program EVALPLOT
(Version 2017-1)

by

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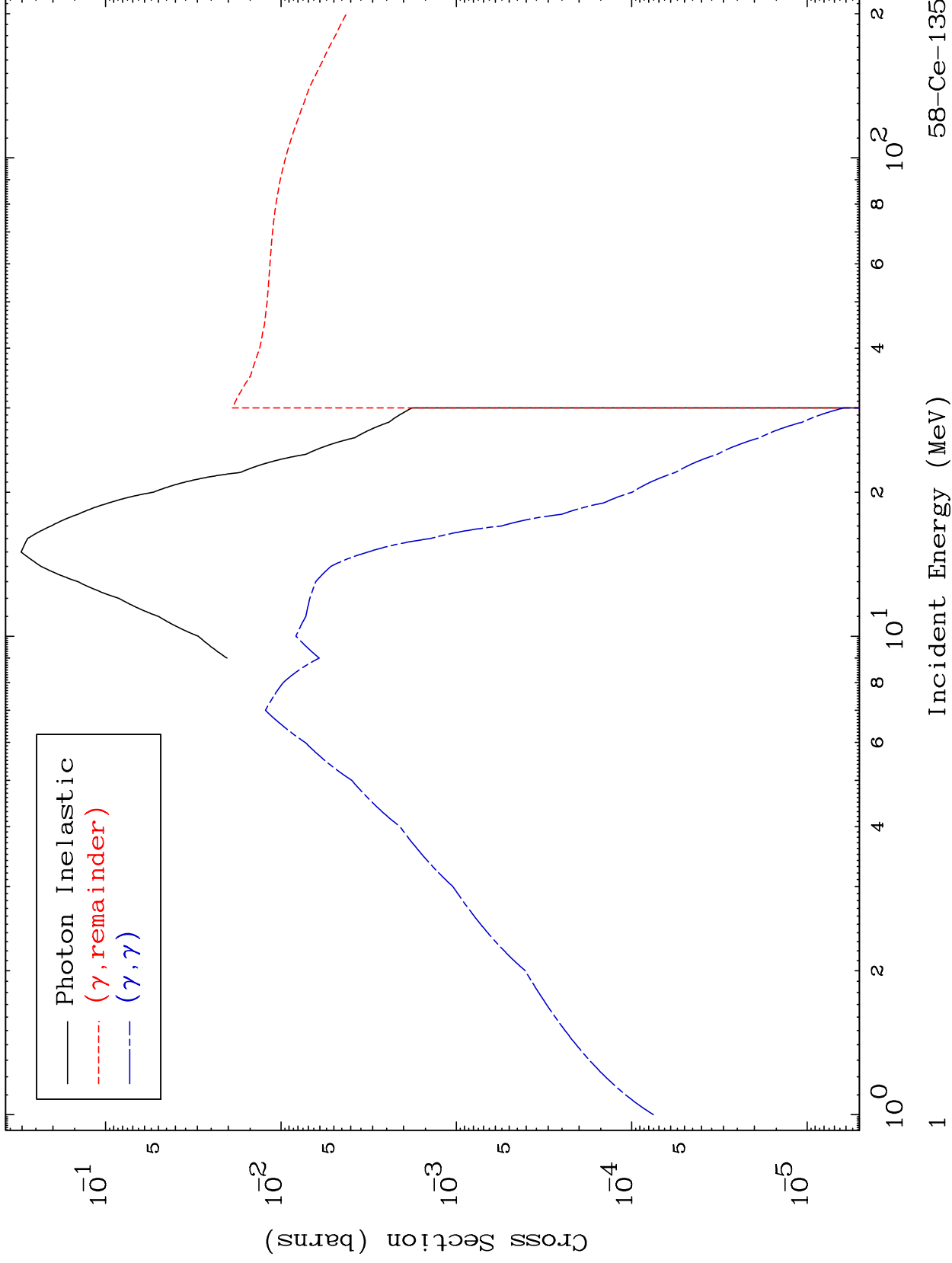
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 58222

Photon Major
0 Kelvin Cross Sections

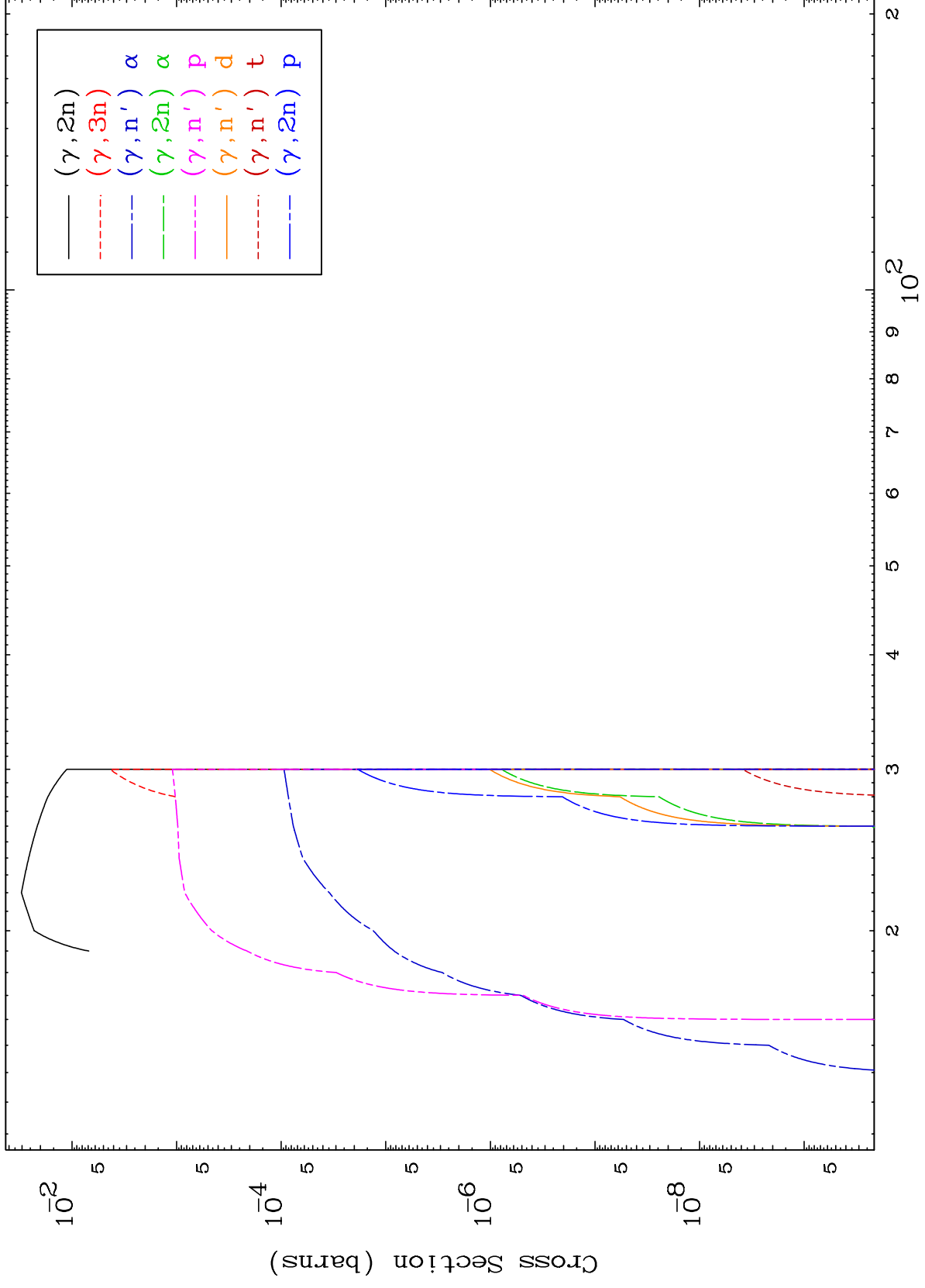
58-Ce-135

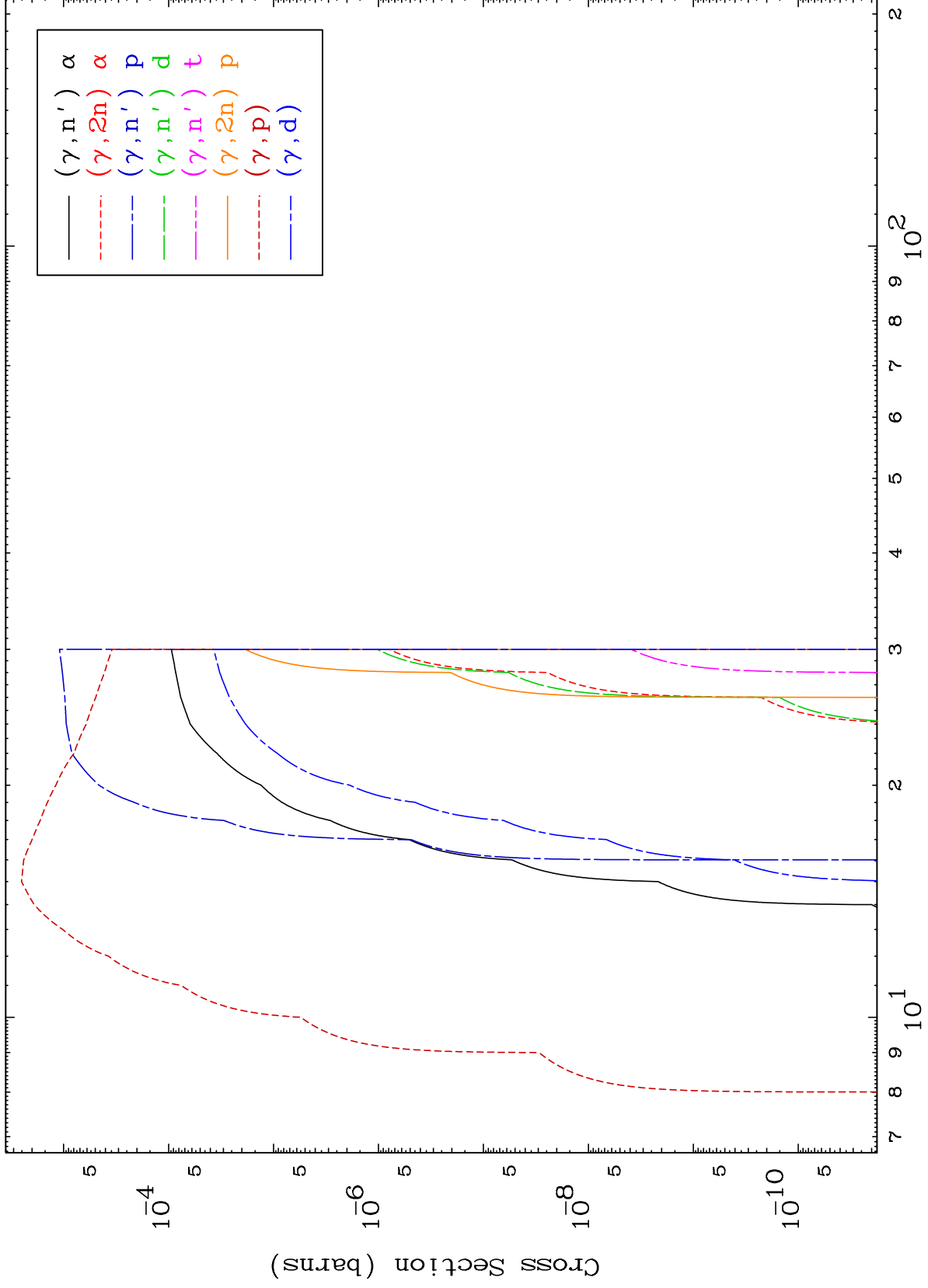


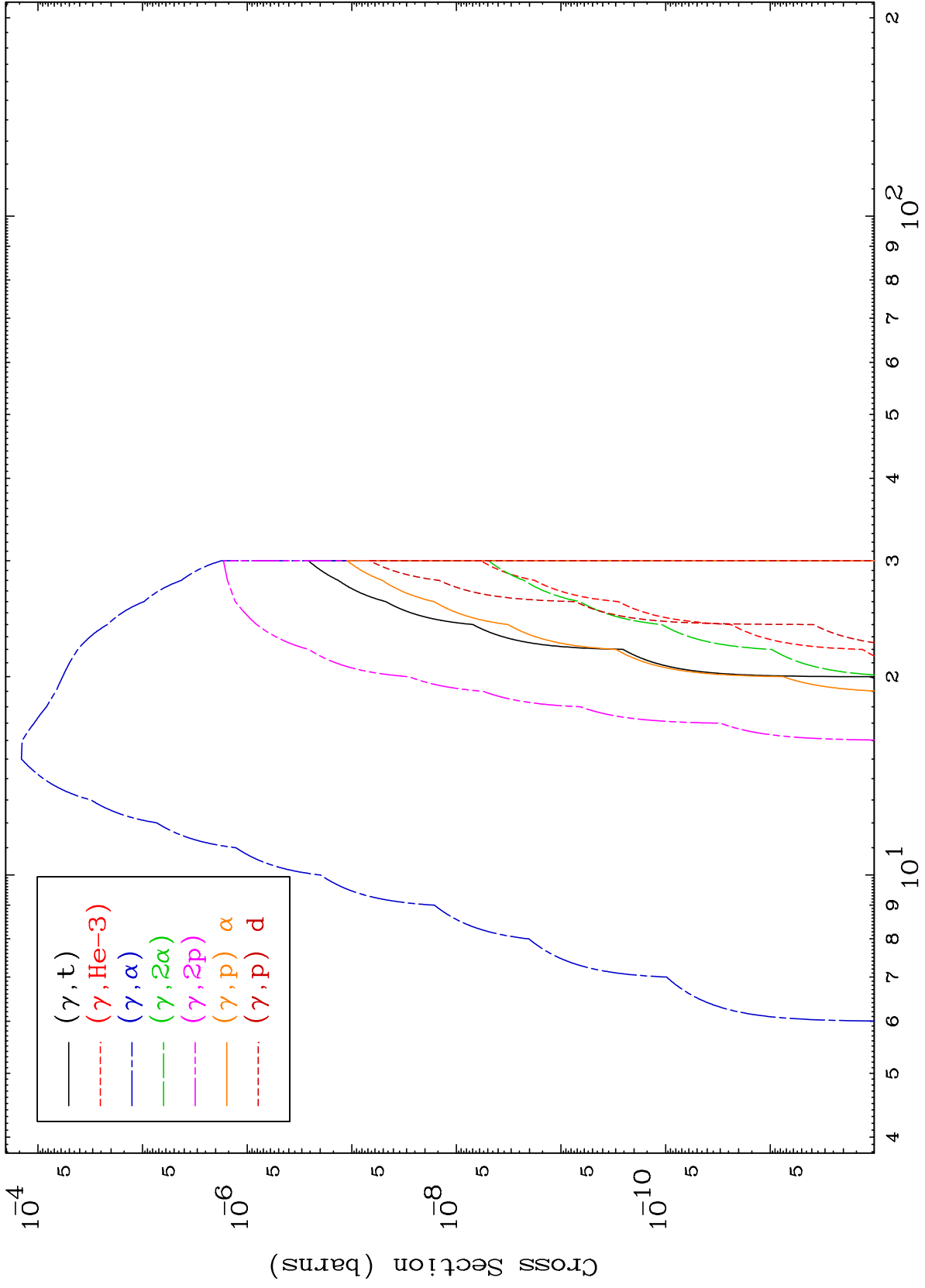
58-Ce-135

Incident Energy (MeV)

Legend:
— Photon Inelastic
- - - (γ, remainder)
- · - (γ, γ)



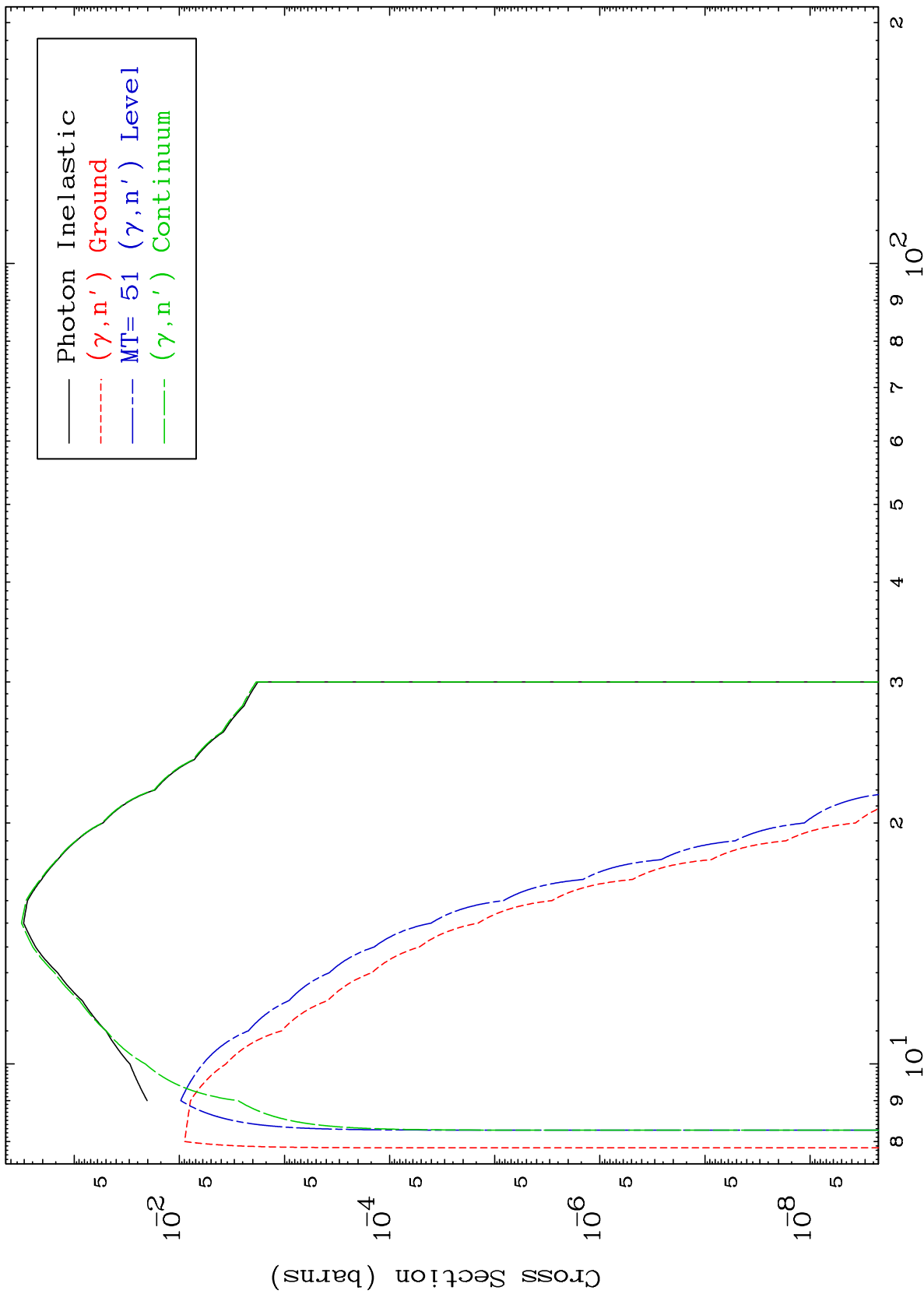




MAT 5822

58-Ce-135

(γ, n') Level
0 Kelvin Cross Sections



58-Ce-135

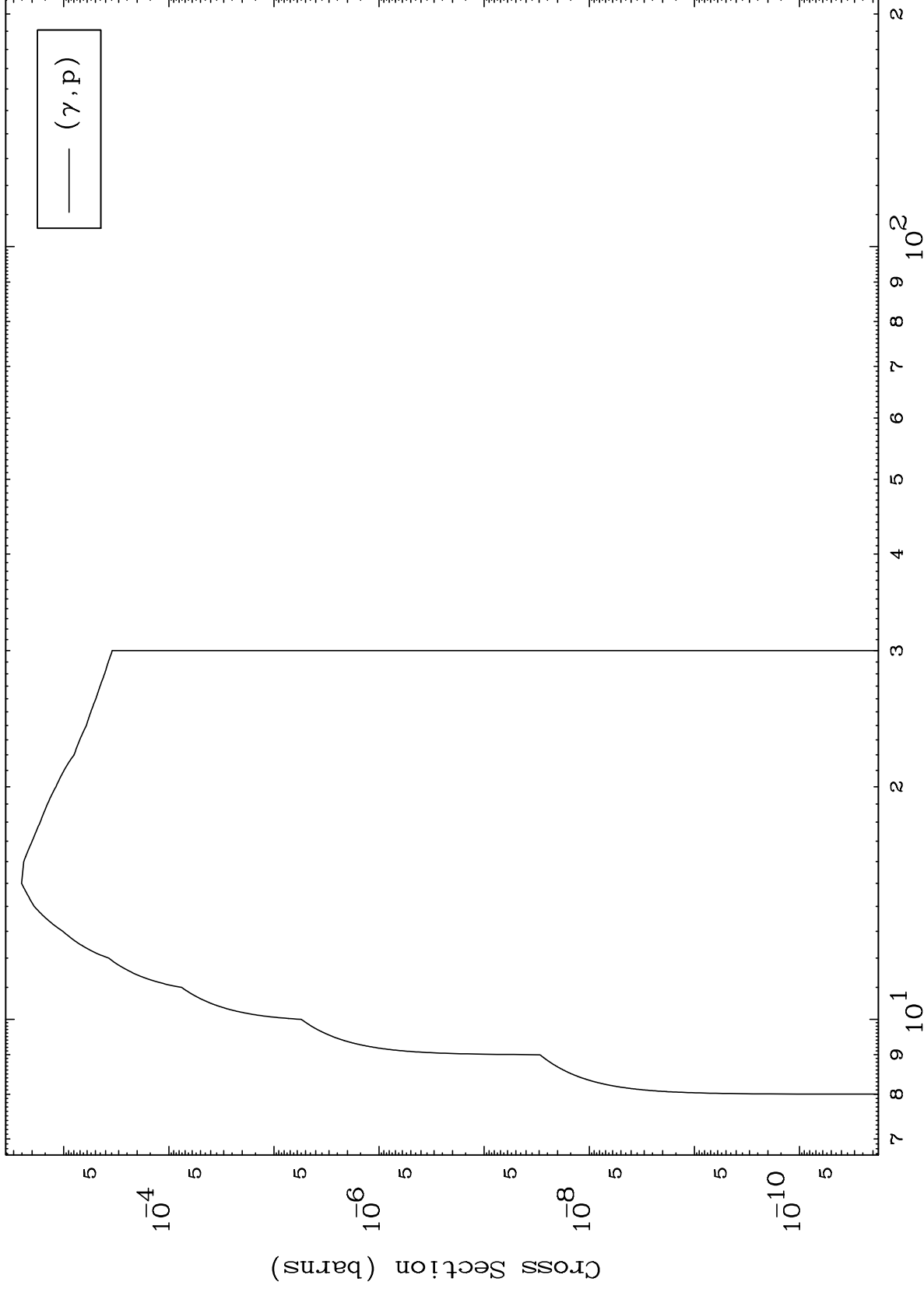
Incident Energy (MeV)

5

MAT 5822

(γ, p) Levels
0 Kelvin Cross Sections

58-Ce-135



6

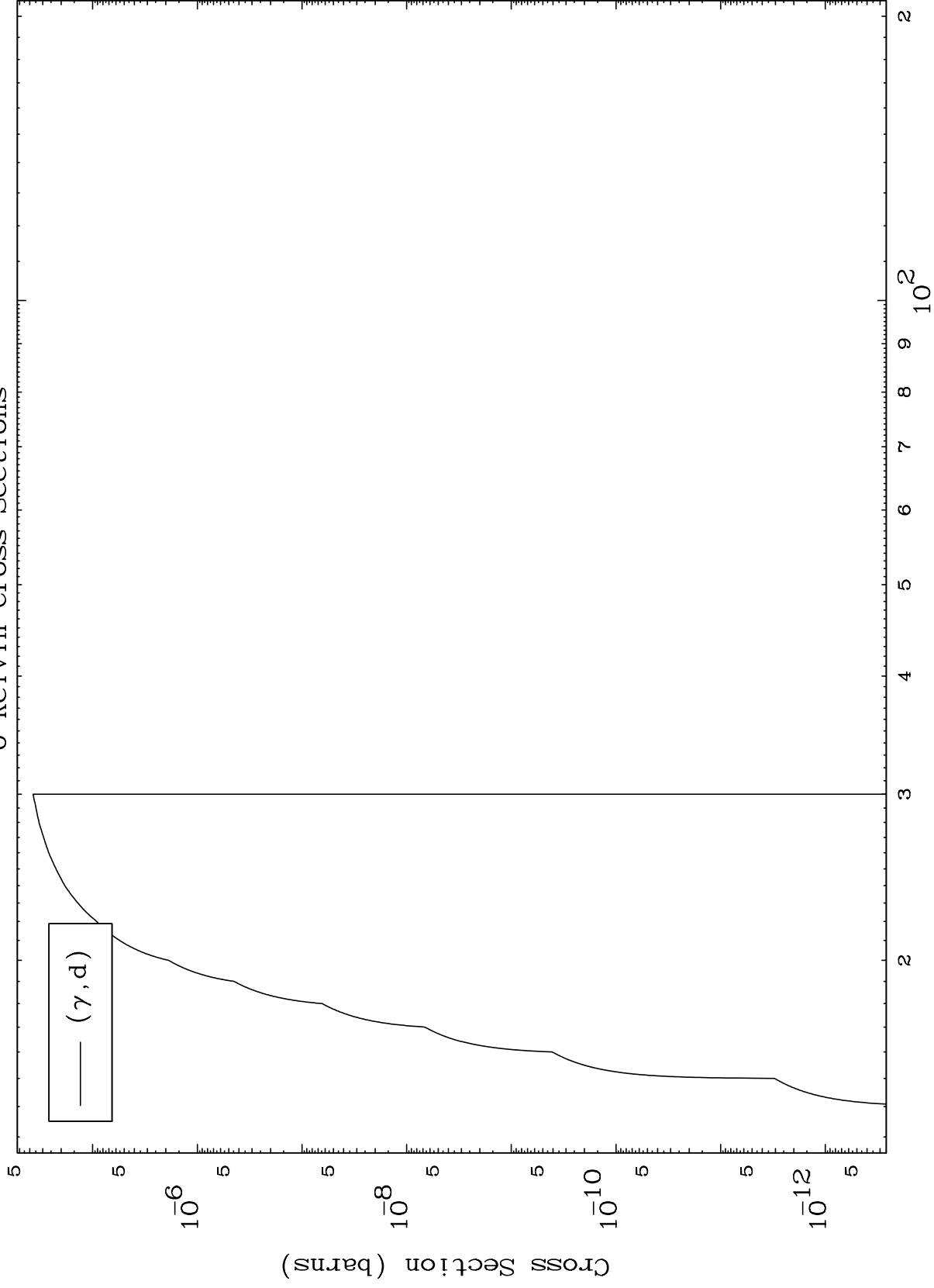
Incident Energy (MeV)

58-Ce-135

MAT 58222

(γ, d) Levels
0 Kelvin Cross Sections

58-Ce-135



58-Ce-135

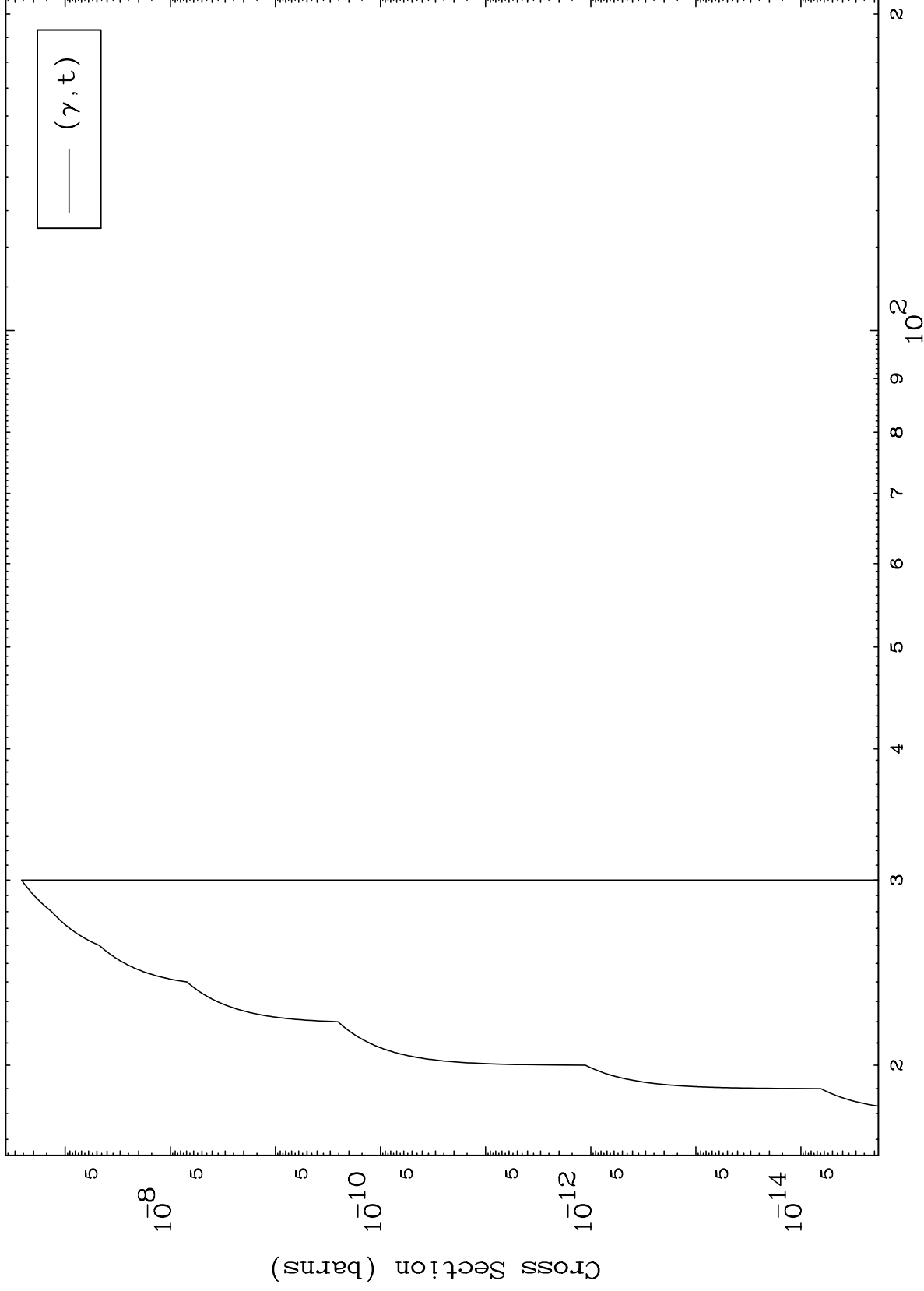
Incident Energy (MeV)

7

MAT 58222

(γ, t) Levels
0 Kelvin Cross Sections

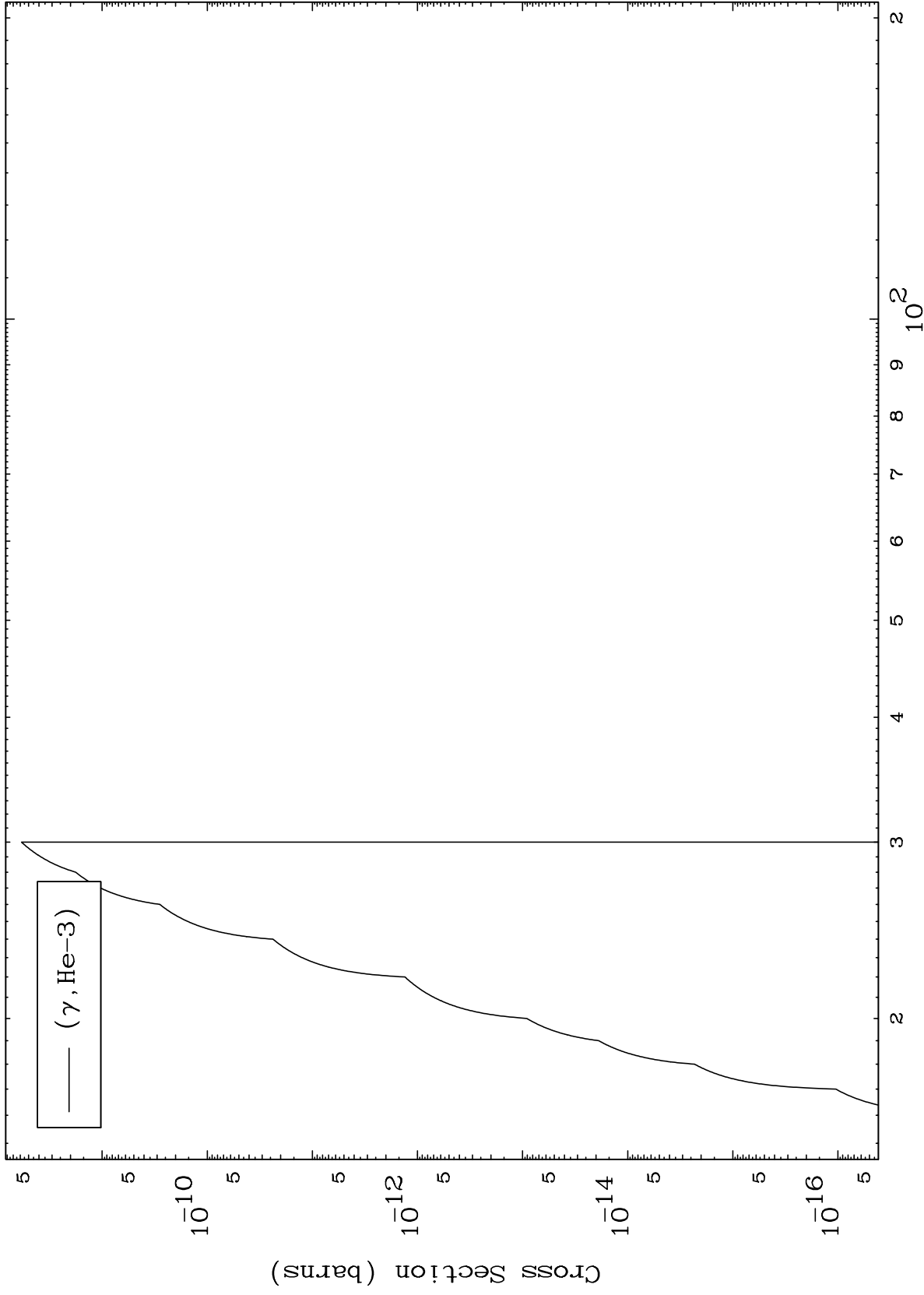
58-Ce-135



8

Incident Energy (MeV)

58-Ce-135

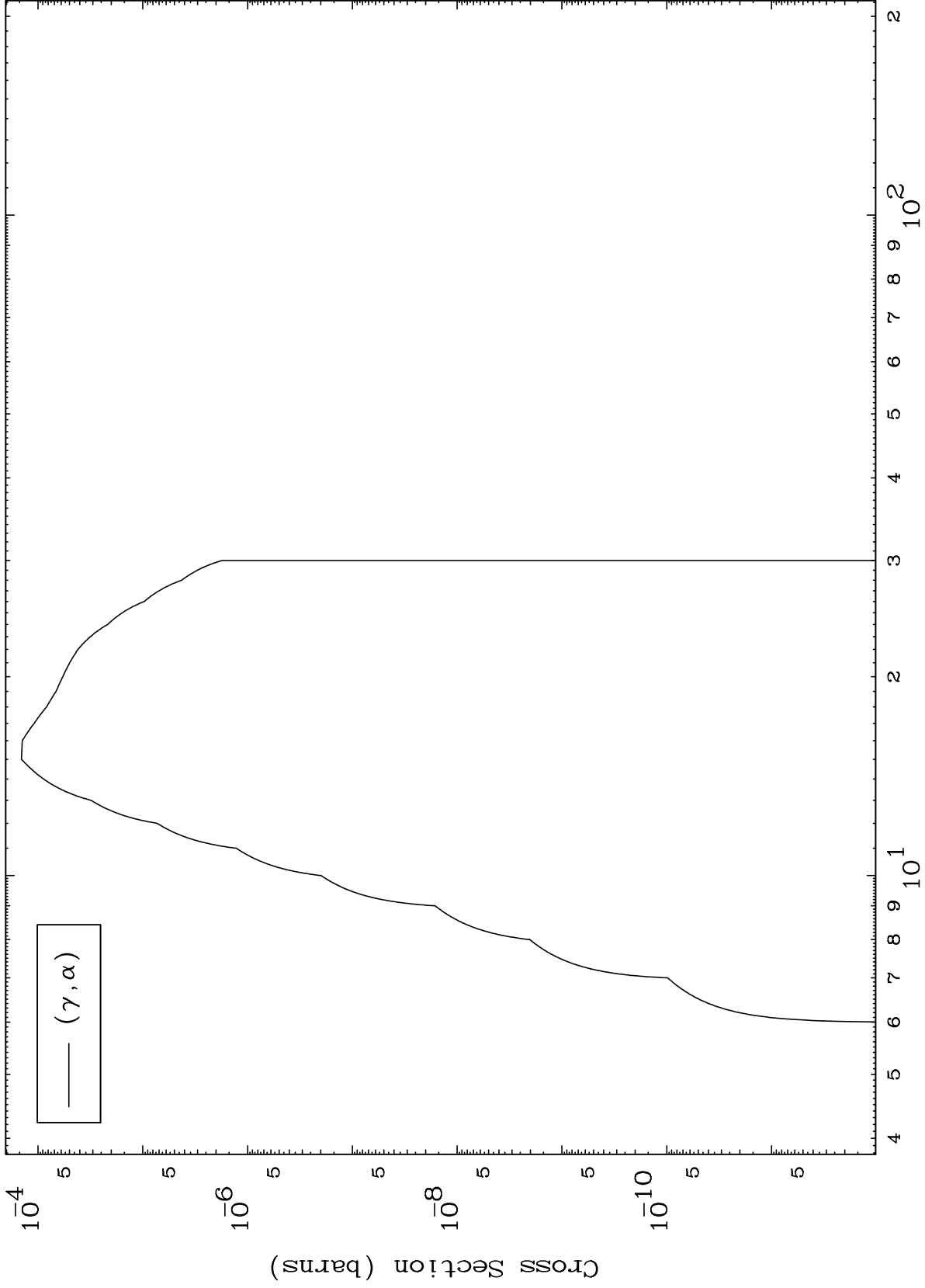


MAT 58222

(γ, α) Levels

58-Ce-135

0 Kelvin Cross Sections



(γ, α)

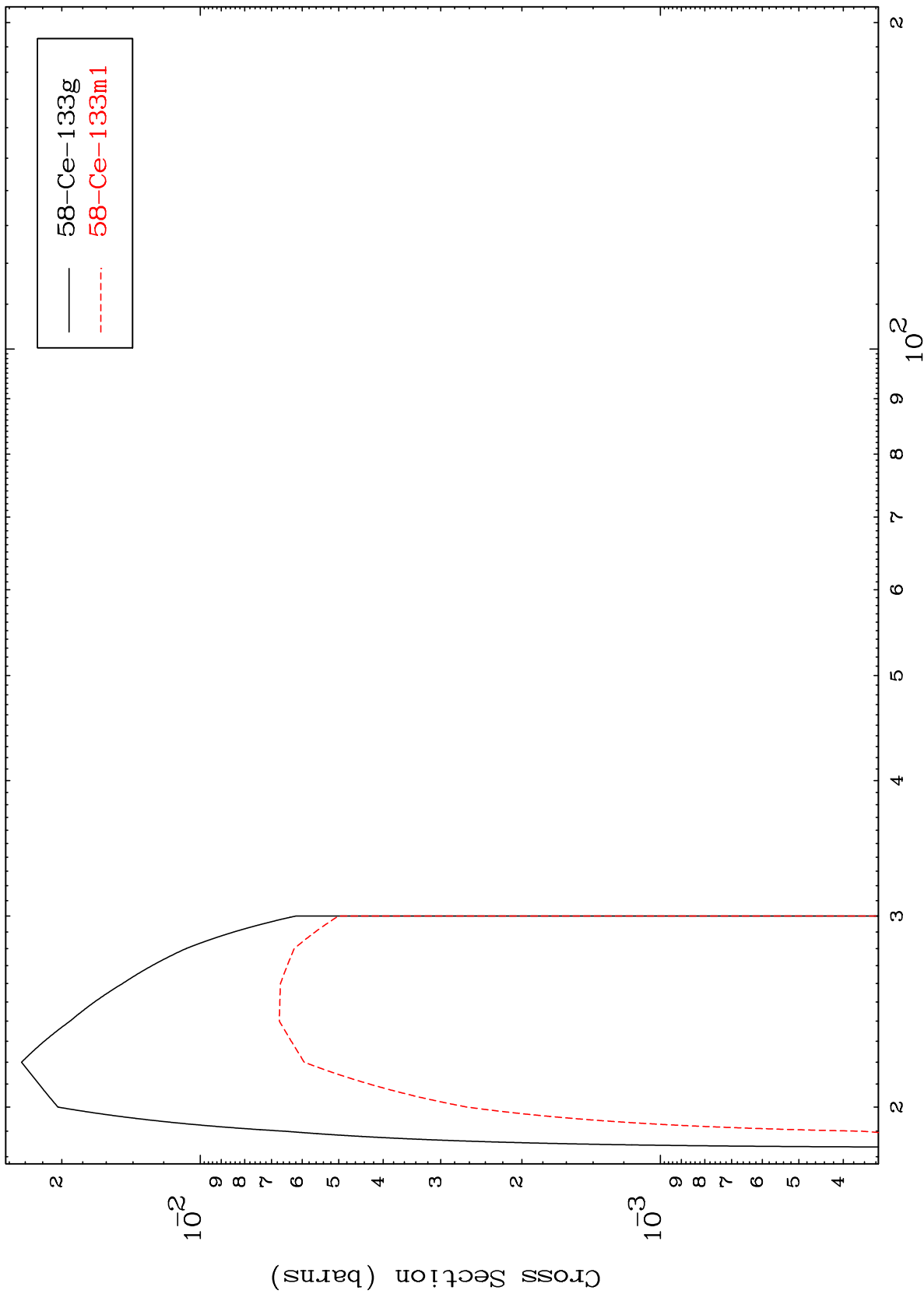
Incident Energy (MeV)

58-Ce-135

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58-Ce-135

($\gamma, 2n$)
Radionuclide Production Cross Section



58-Ce-133g
58-Ce-133m1

58-Ce-135

Incident Energy (MeV)

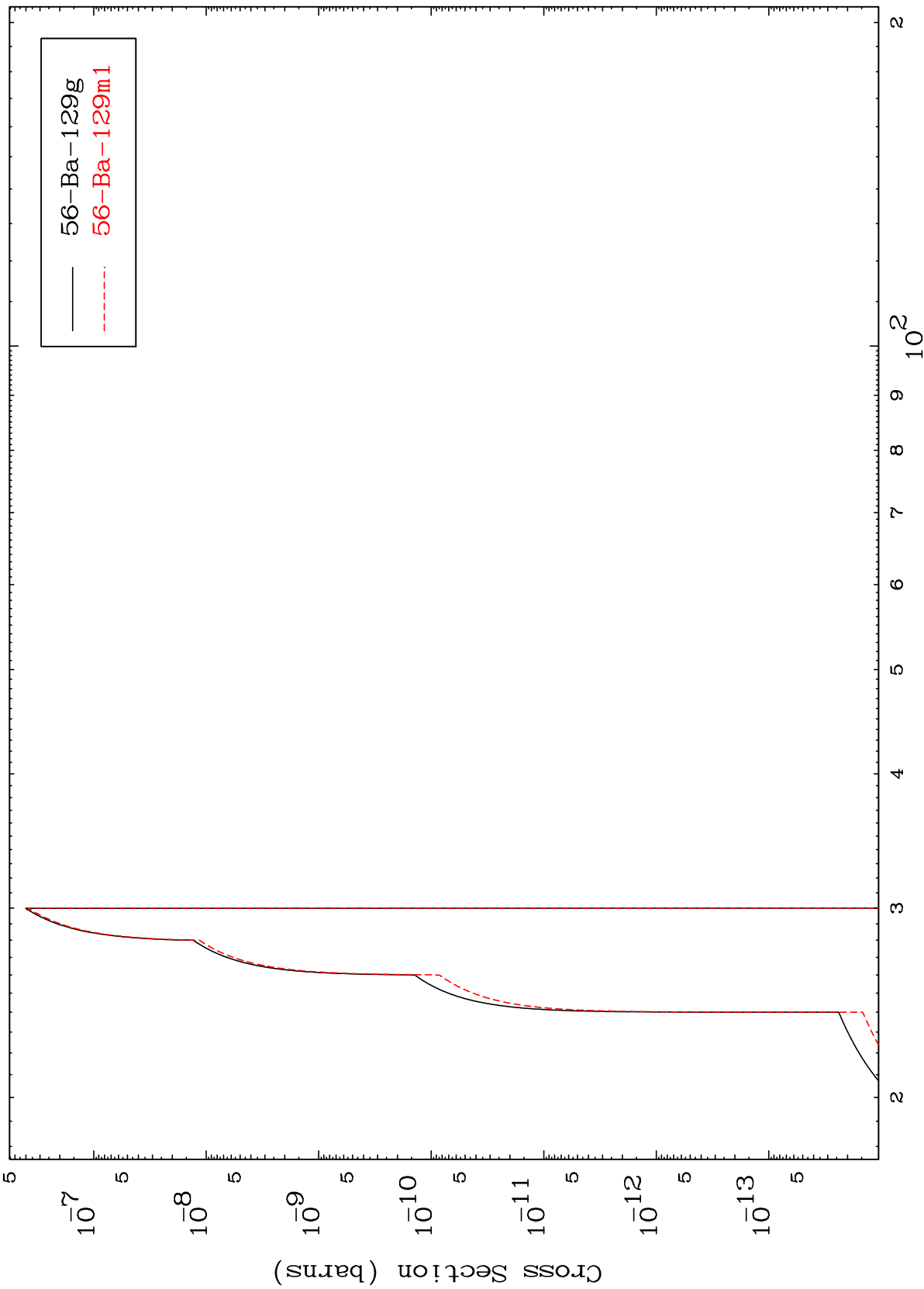
11

MAT 5822

$(\gamma, 2n) \alpha$

58-Ce-135

Radionuclide Production Cross Section



12

Incident Energy (MeV)

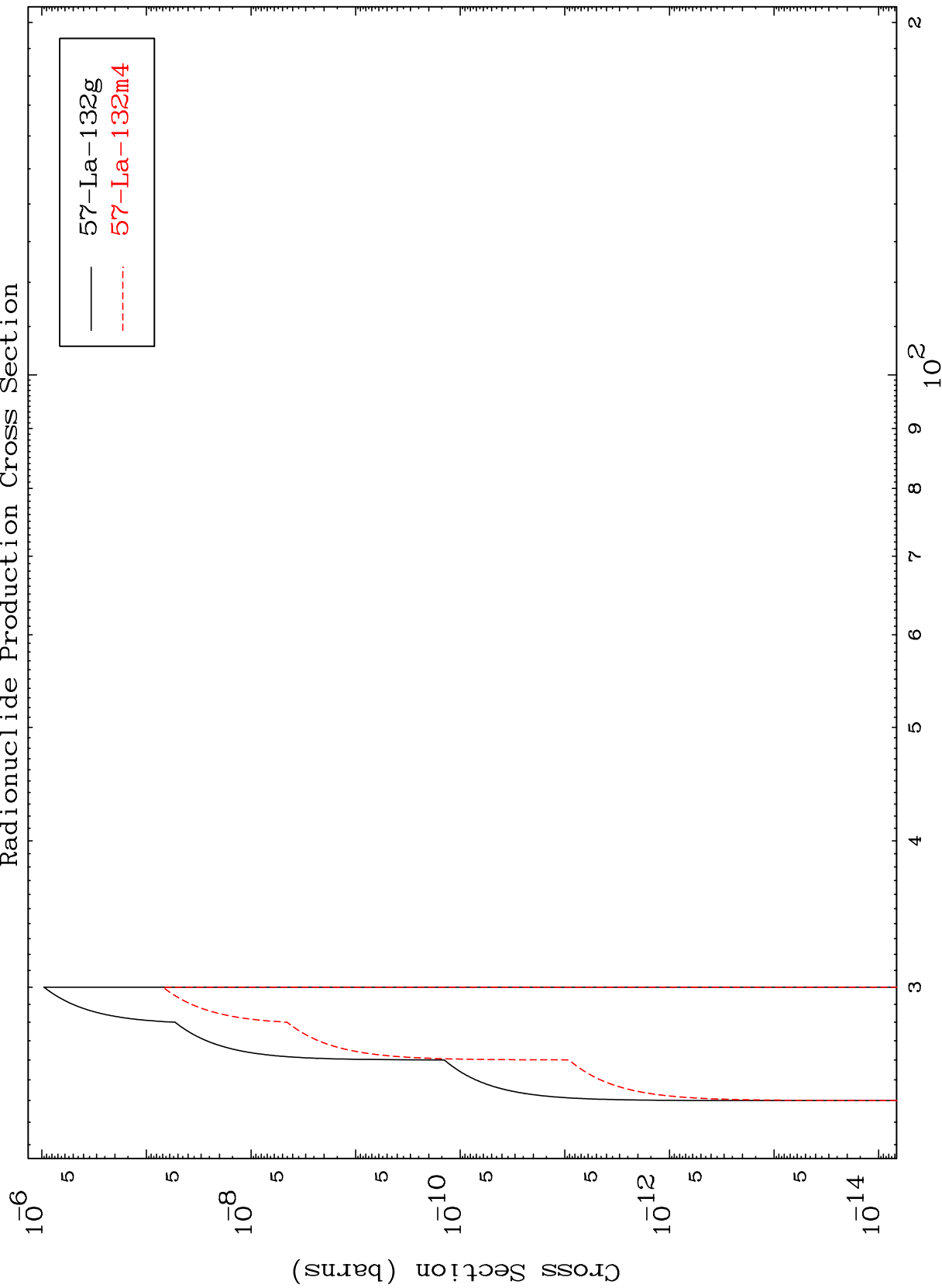
58-Ce-135

MAT 5822

(γ, n') d

58-Ce-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

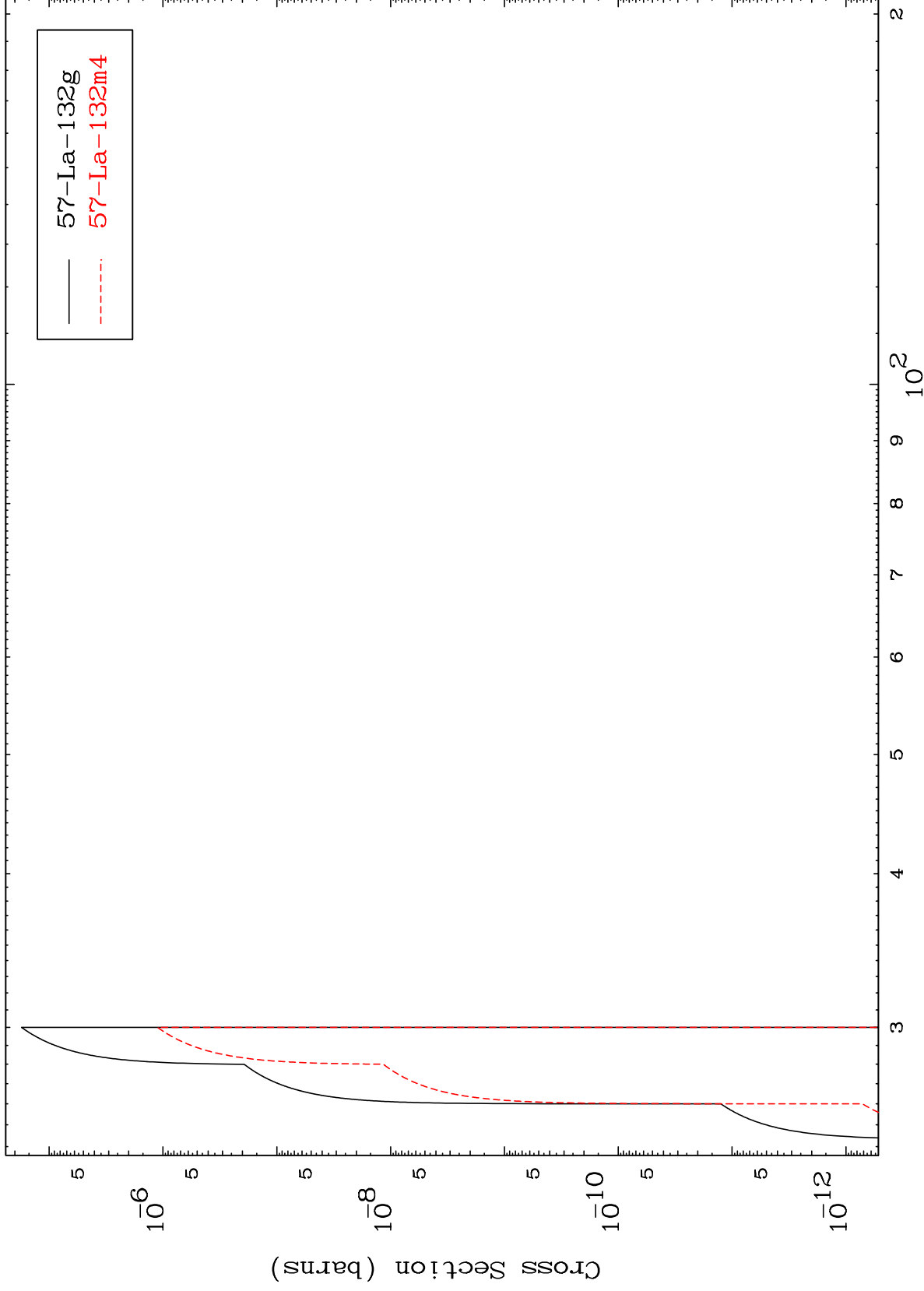
58-Ce-135

MAT 58222

$(\gamma, 2n)$ p

58-Ce-135

Radionuclide Production Cross Section



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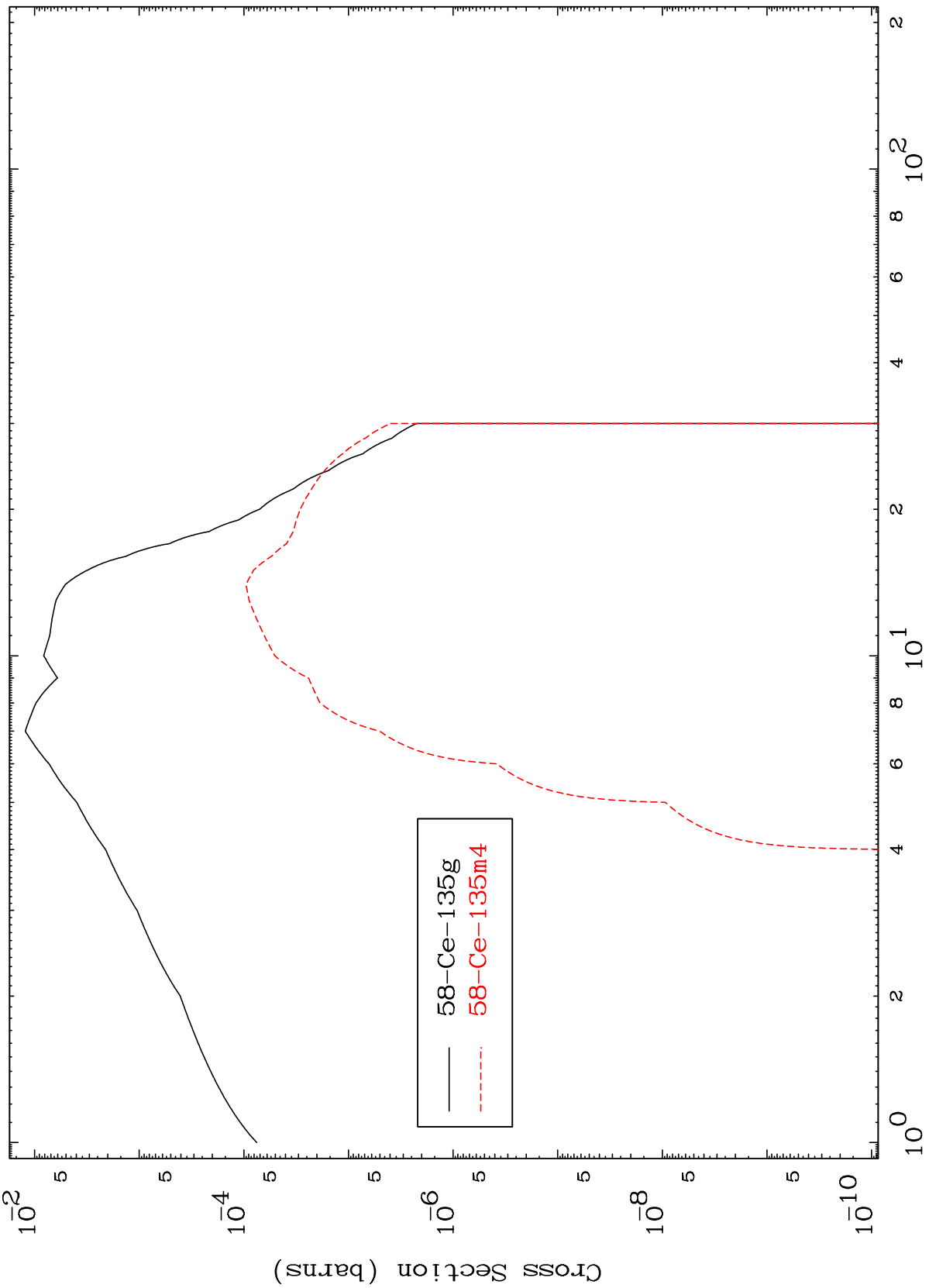
Incident Energy (MeV)

58-Ce-135

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58-Ce-135

Radionuclide Production Cross Section
(γ, γ)



— 58-Ce-135g
- - - 58-Ce-135m4

58-Ce-135

Incident Energy (MeV)

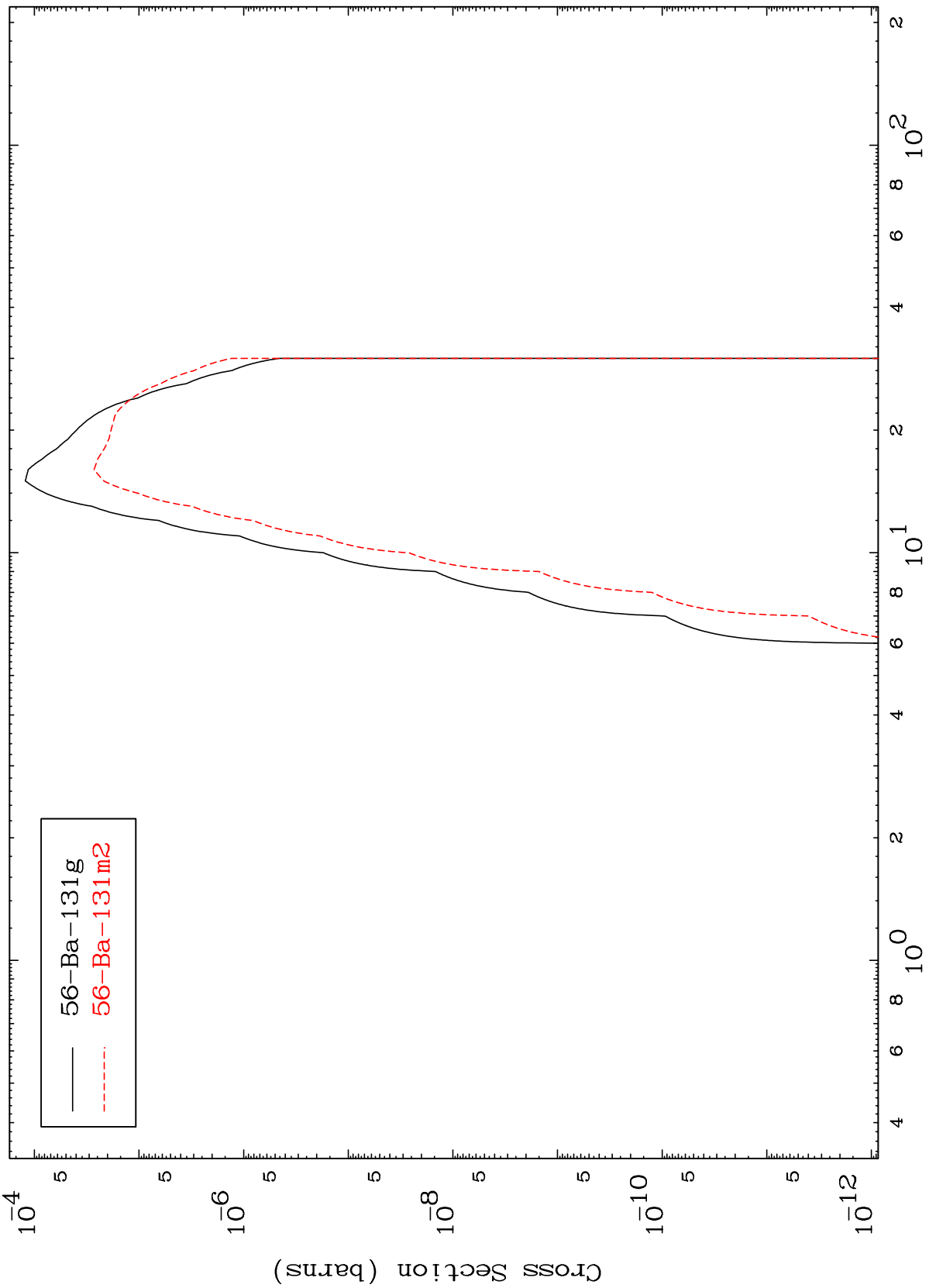
15

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(γ, α)

58-Ce-135

Radionuclide Production Cross Section



56-Ba-131g
56-Ba-131m2

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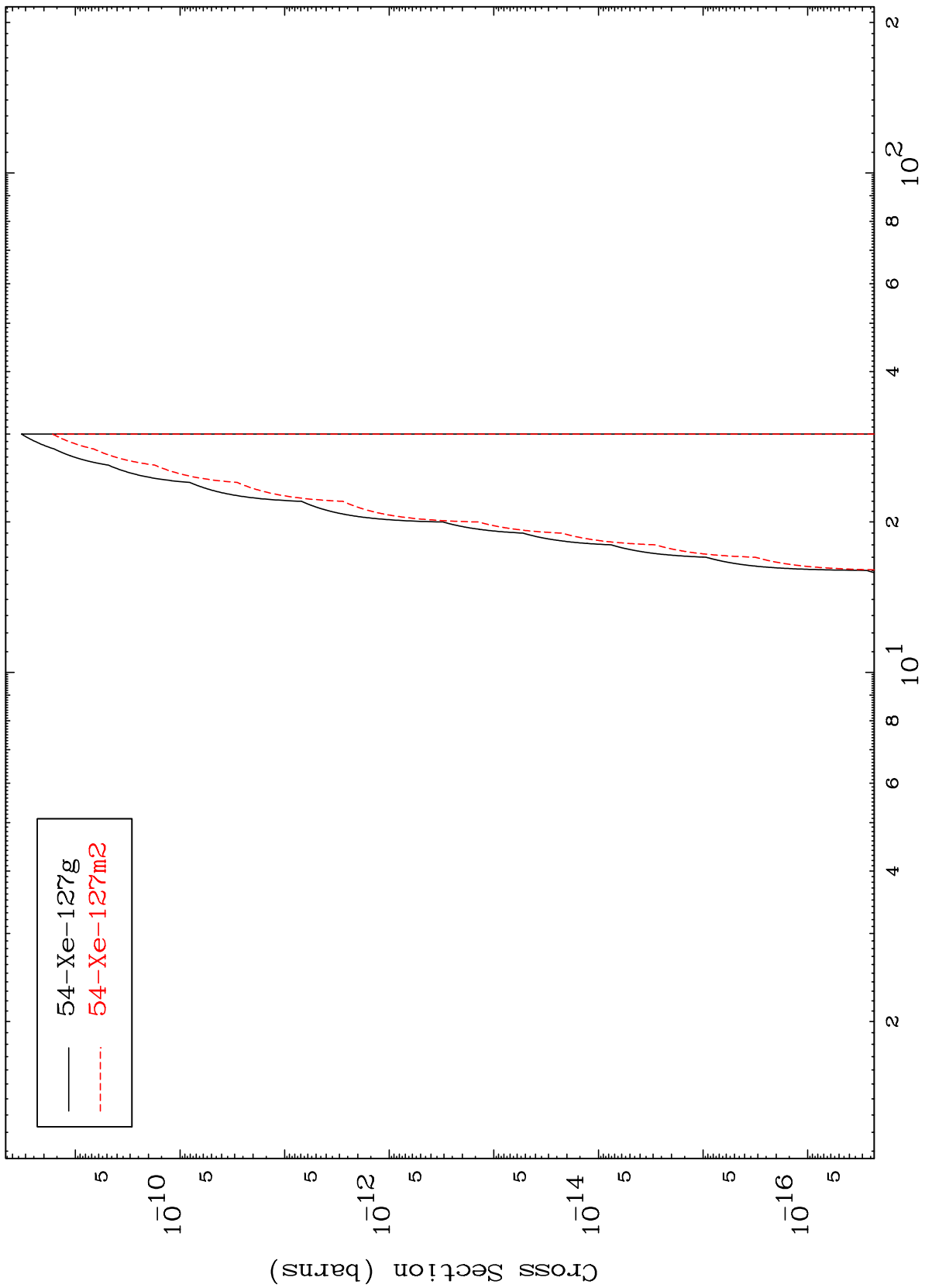
Incident Energy (MeV)

58-Ce-135

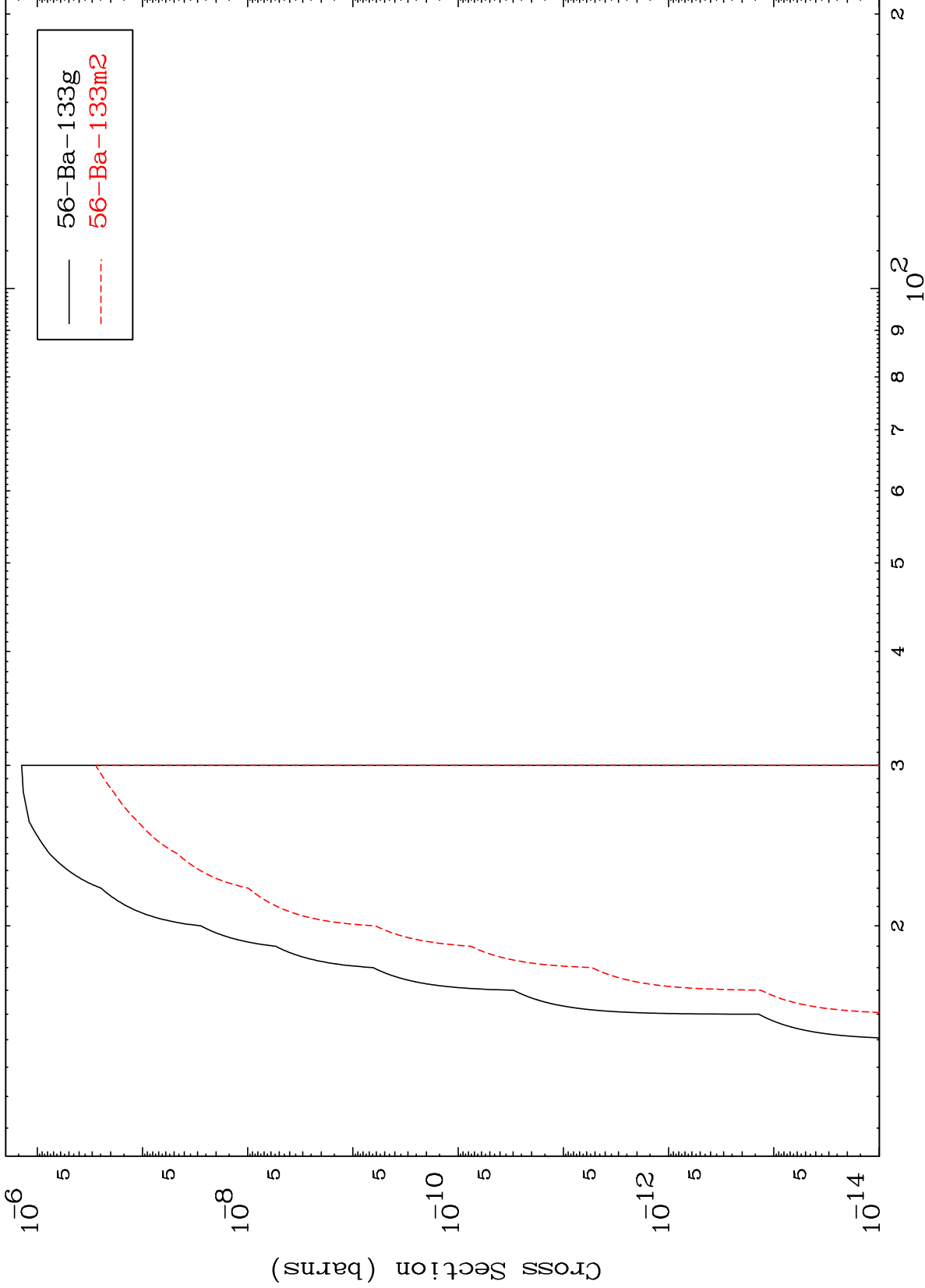
MAT 5822

58-Ce-135

Radionuclide Production Cross Section
($\gamma, 2\alpha$)



($\gamma, 2p$)
Radionuclide Production Cross Section

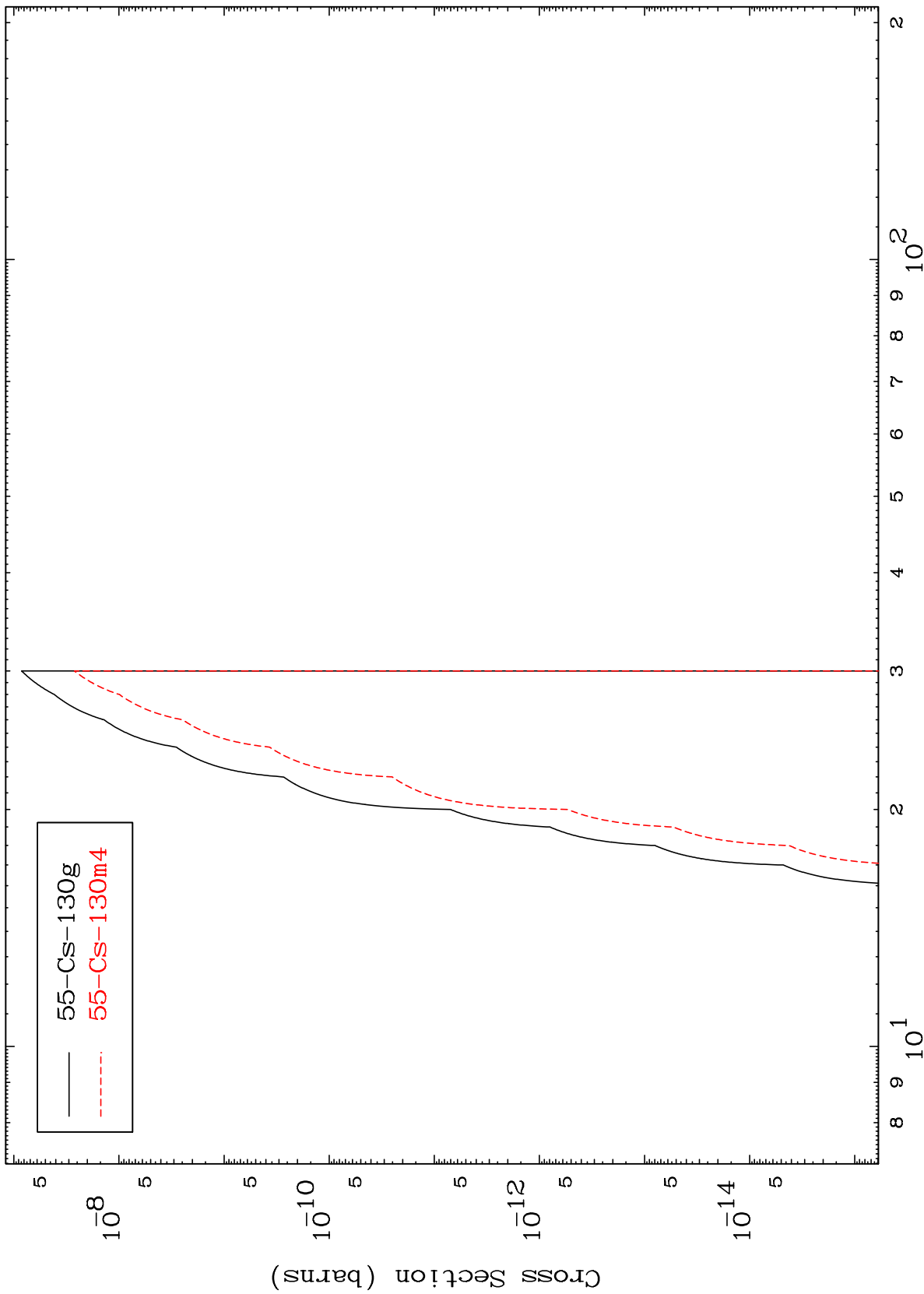


MAT 5822

(γ, p) α

58-Ce-135

Radionuclide Production Cross Section



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Incident Energy (MeV)

58-Ce-135