

Program EVALPLOT
(Version 2017-1)

by

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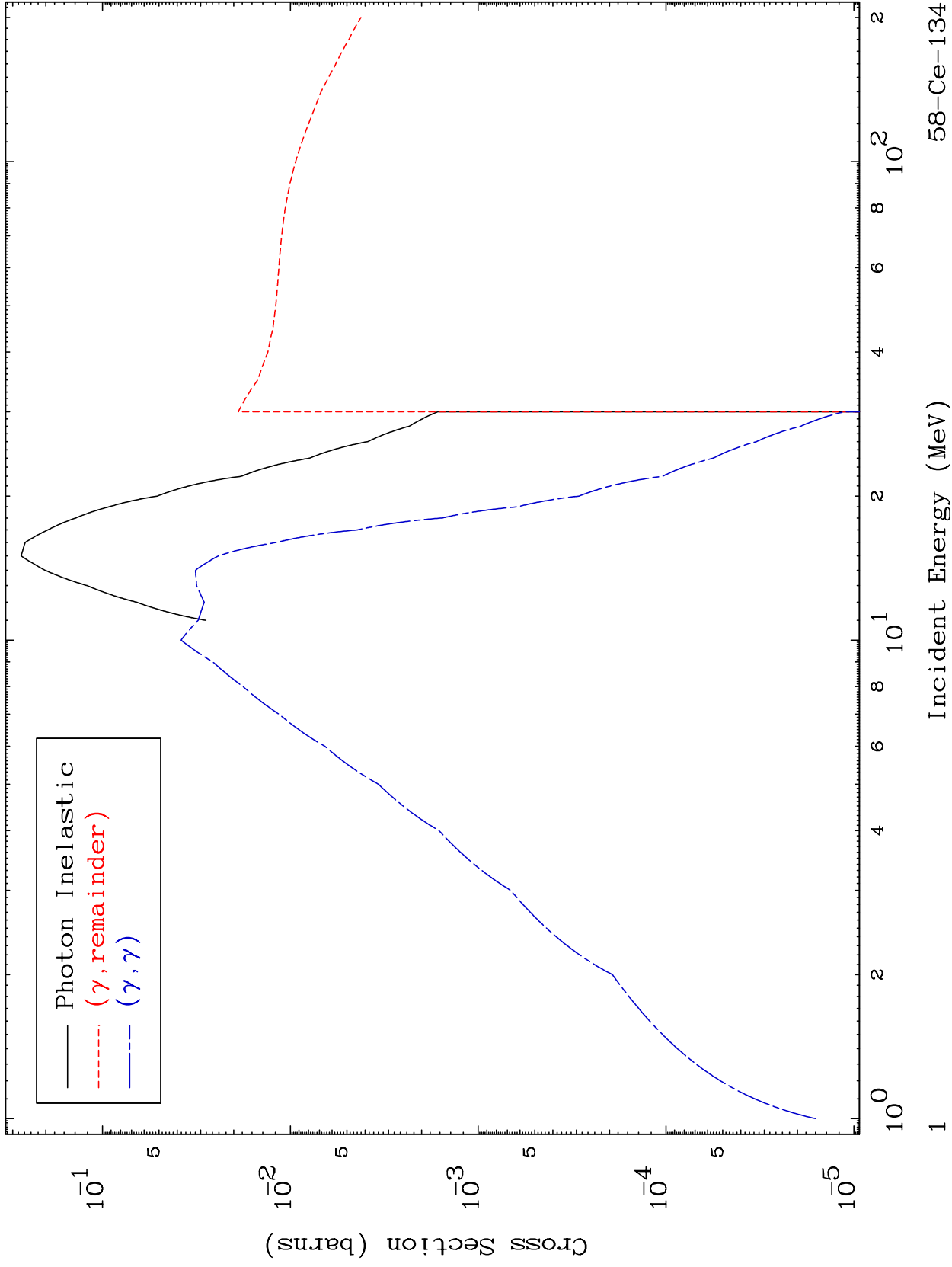
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5819

Photon Major
0 Kelvin Cross Sections

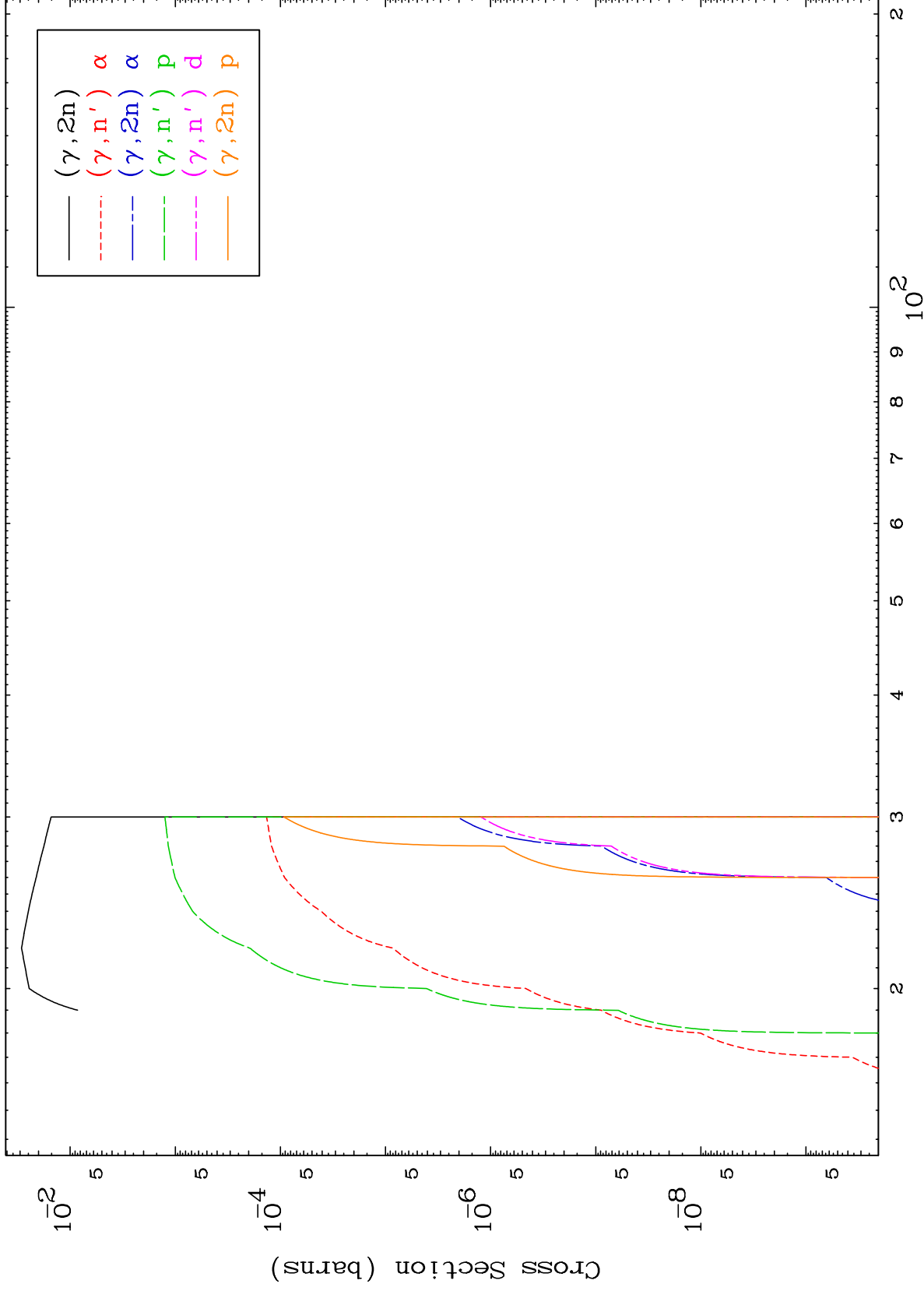
58-Ce-134



— Photon Inelastic
- - - (γ , remainder)
- . - (γ , γ)

Incident Energy (MeV)

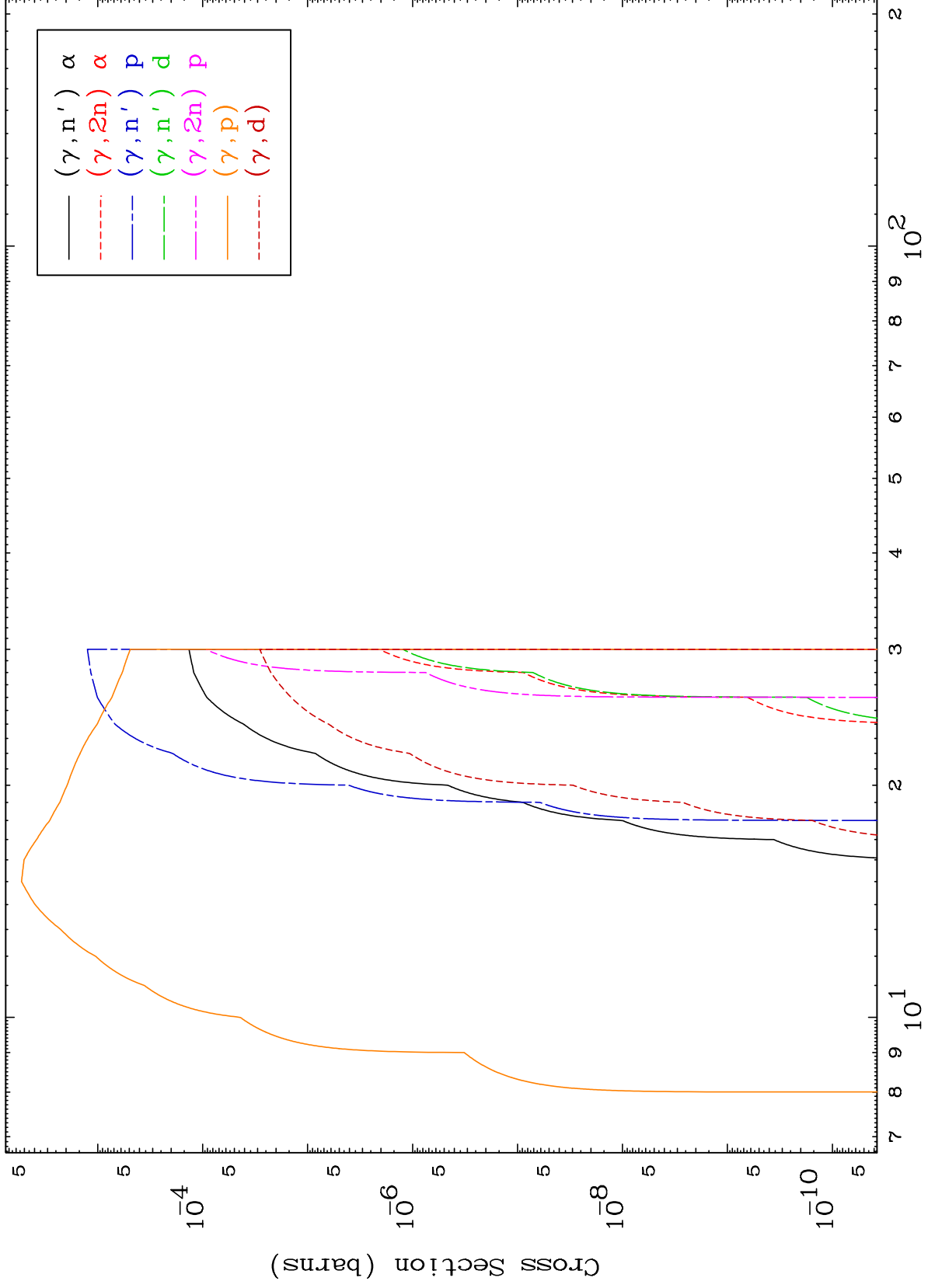
58-Ce-134



MAT 5819

Photon Charged Particle
0 Kelvin Cross Sections

58-Ce-134



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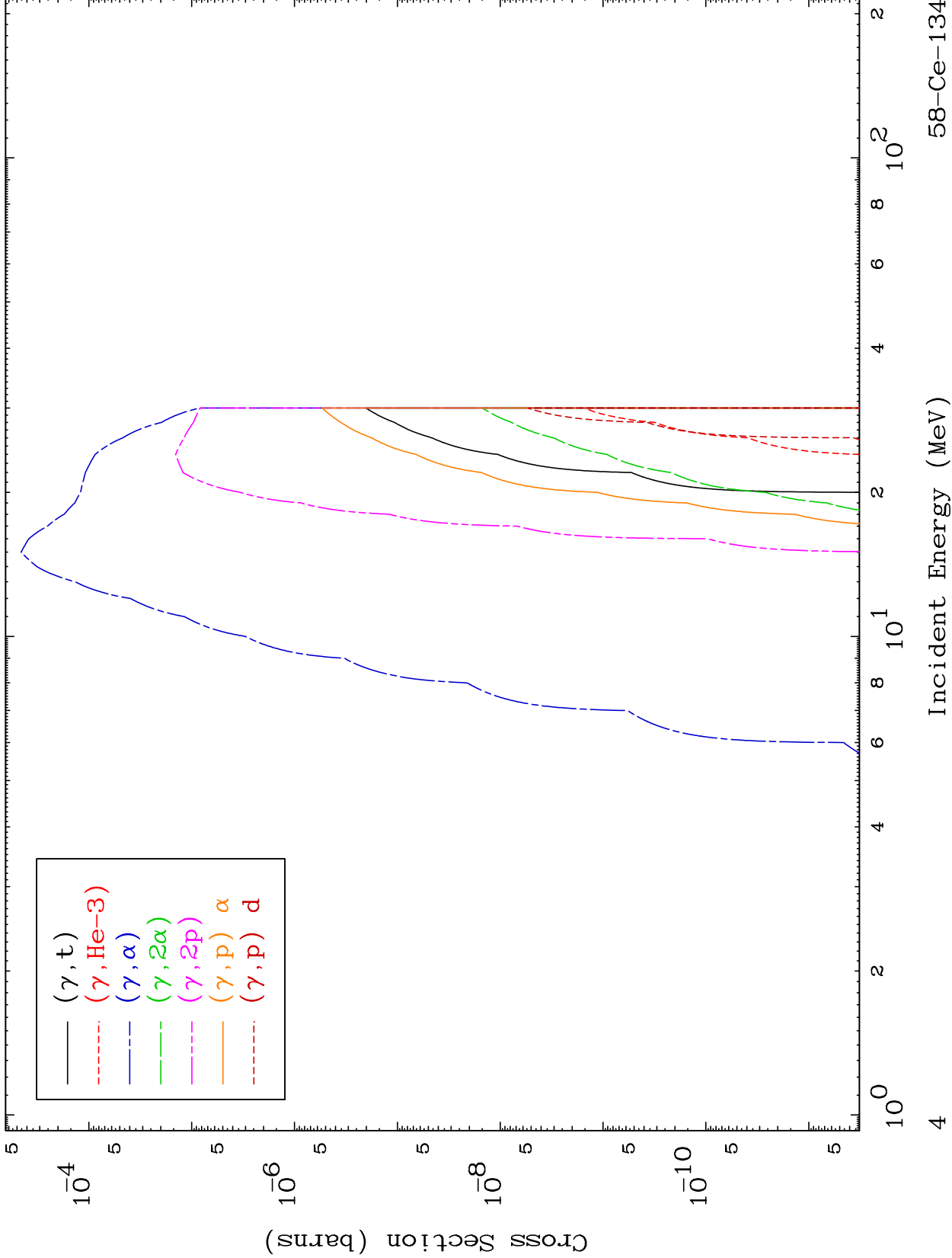
Incident Energy (MeV)

58-Ce-134

MAT 5819

Photon Charged Particle
0 Kelvin Cross Sections

58-Ce-134



58-Ce-134

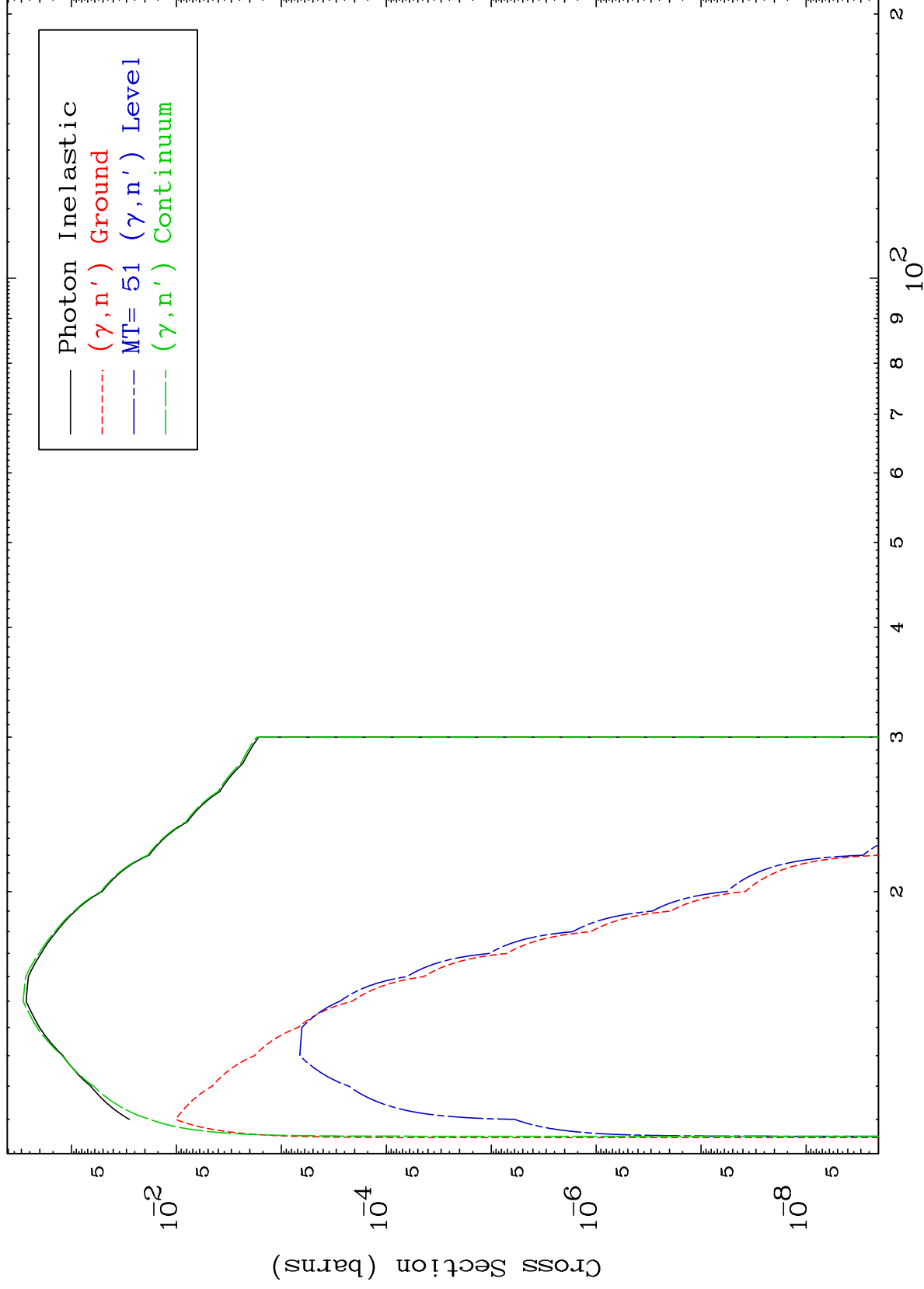
Incident Energy (MeV)

MAT 5819

(γ, n') Level

58-Ce-134

0 Kelvin Cross Sections



5

Incident Energy (MeV)

58-Ce-134

10²

9

8

7

6

5

4

3

2

1

0

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

5

5

5

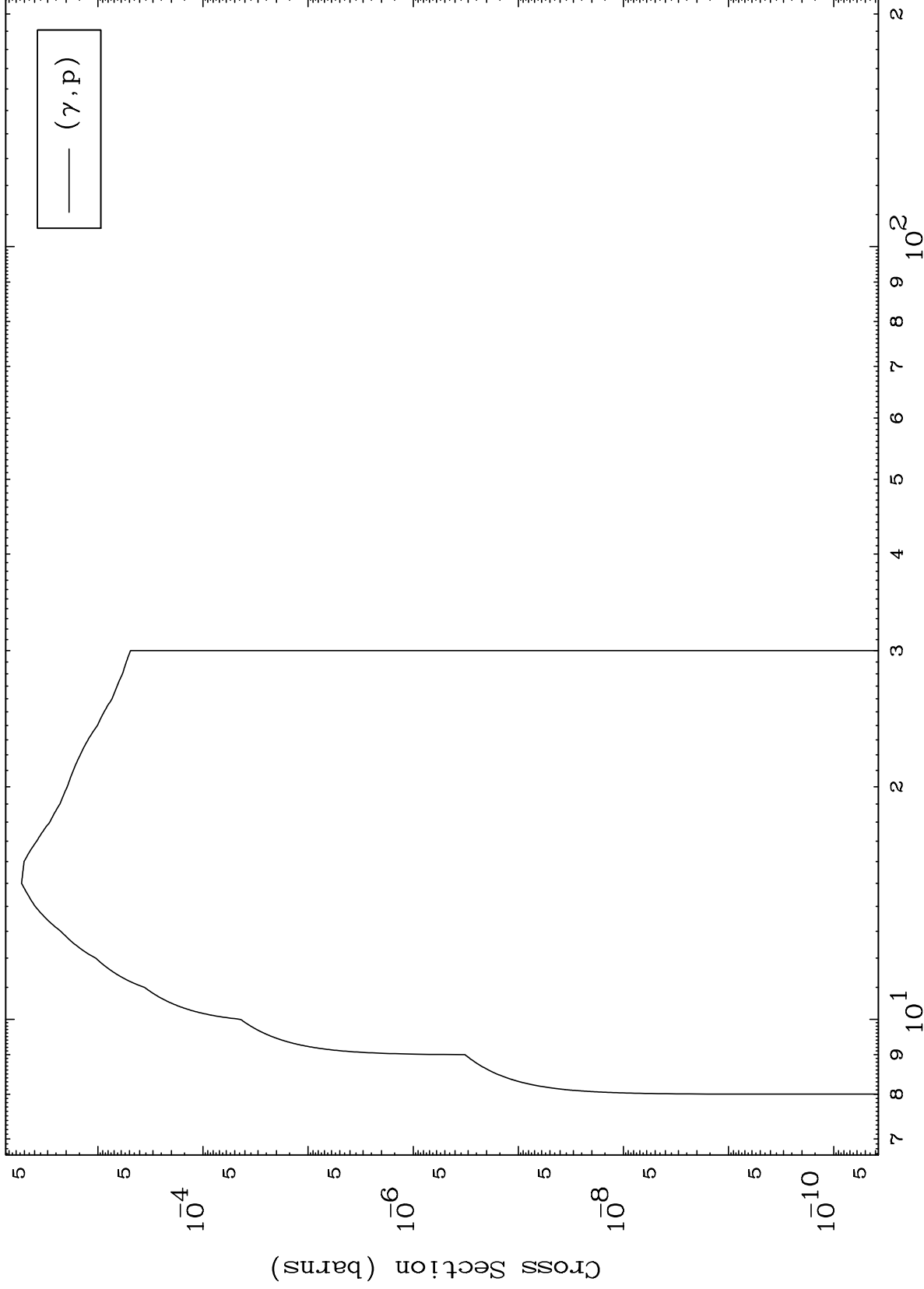
5

5

MAT 5819

(γ, p) Levels
0 Kelvin Cross Sections

58-Ce-134



6

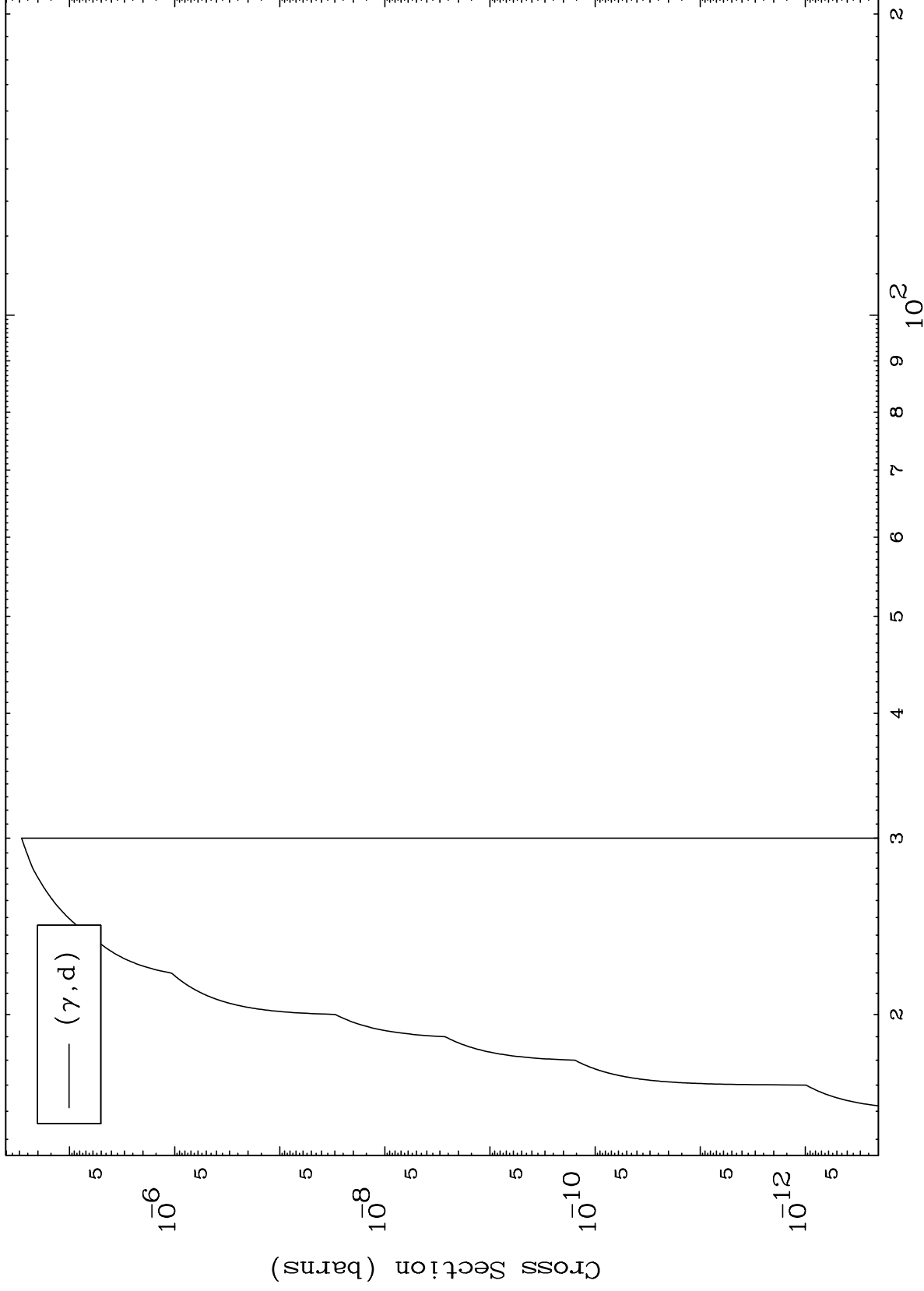
Incident Energy (MeV)

58-Ce-134

MAT 5819

(γ, d) Levels
0 Kelvin Cross Sections

58-Ce-134



7

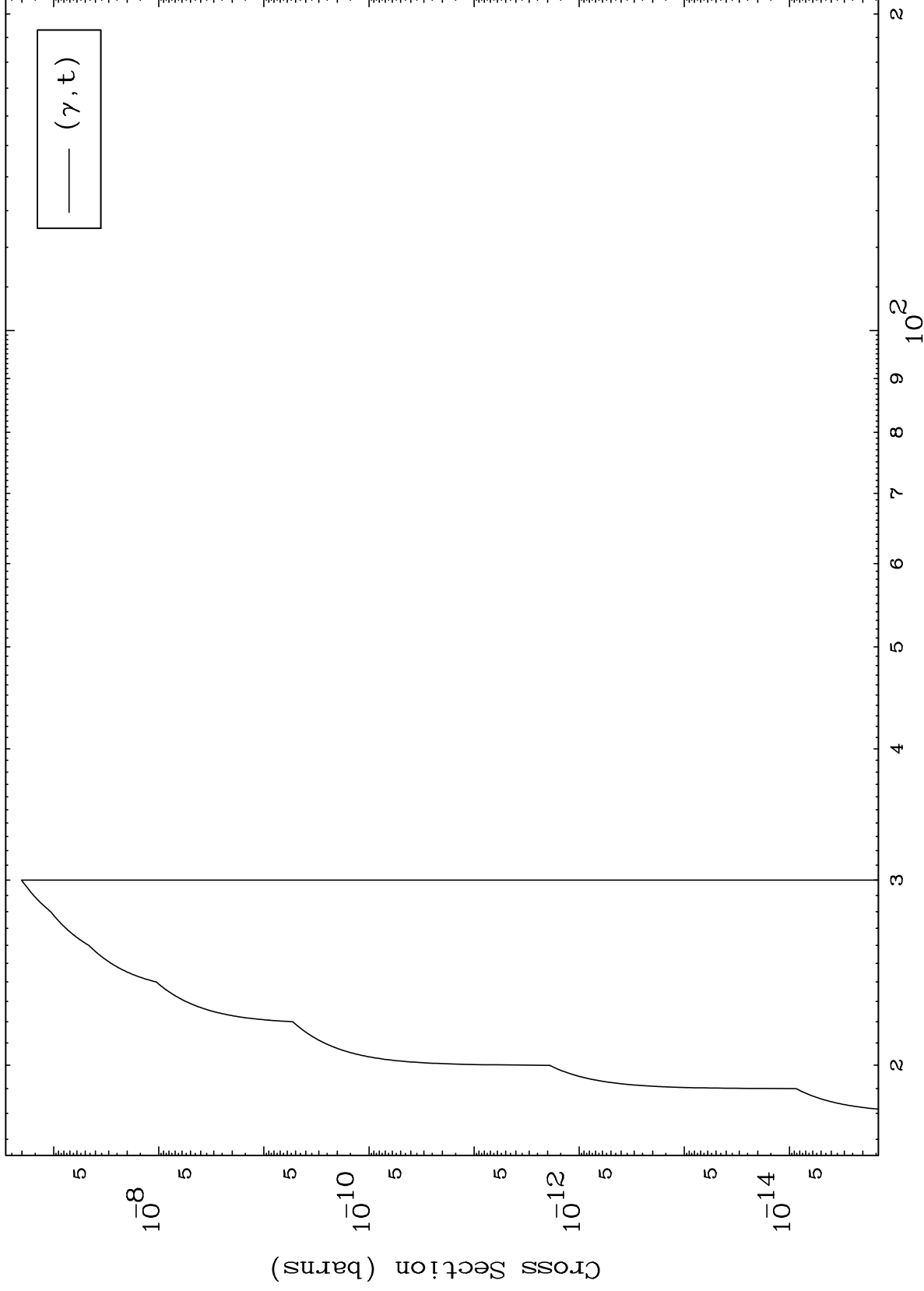
Incident Energy (MeV)

58-Ce-134

MAT 5819

(γ, t) Levels
0 Kelvin Cross Sections

58-Ce-134

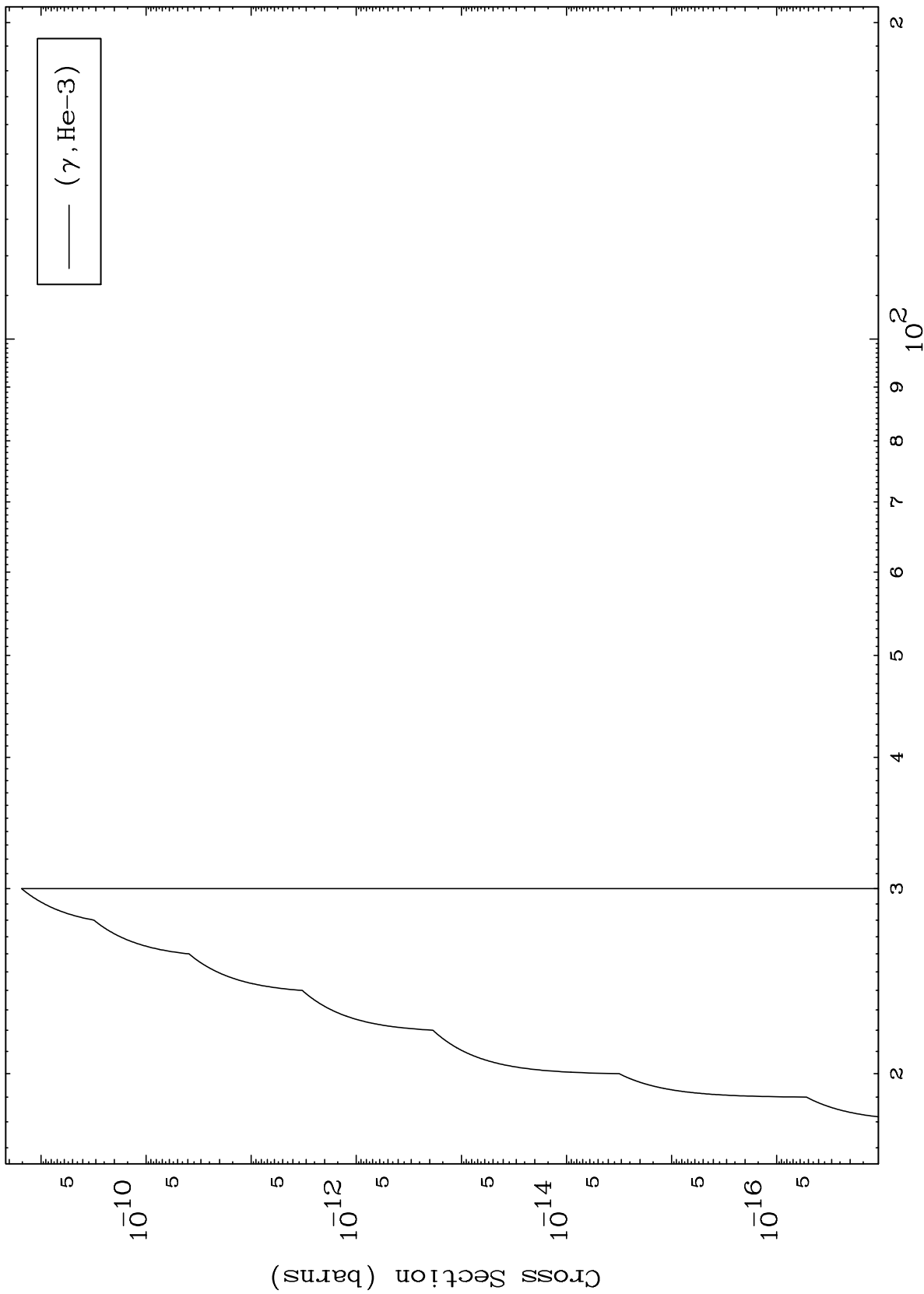


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Incident Energy (MeV)

58-Ce-134

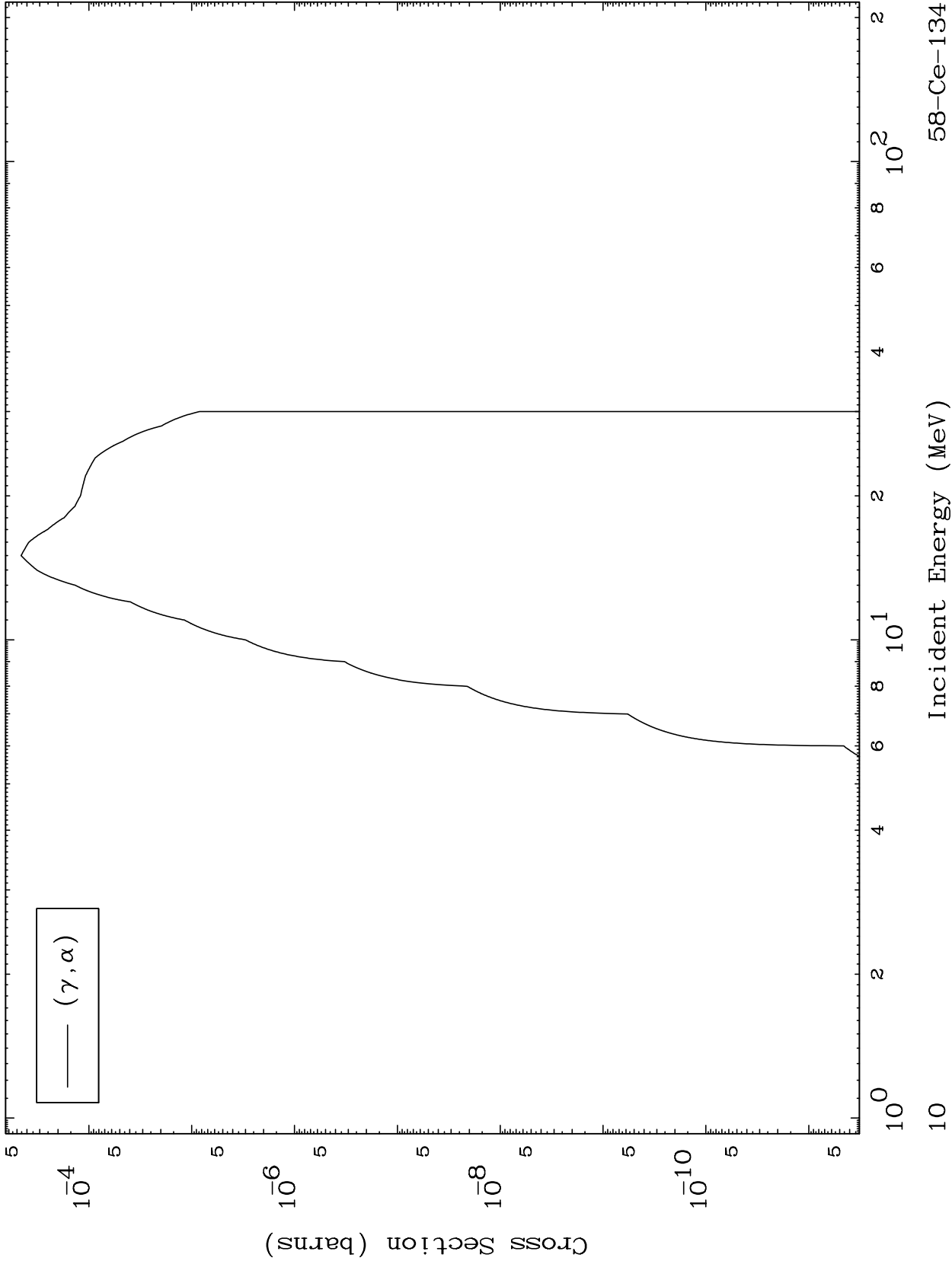
($\gamma, \text{He-3}$) Levels
0 Kelvin Cross Sections



MAT 5819

(γ, α) Levels
0 Kelvin Cross Sections

58-Ce-134

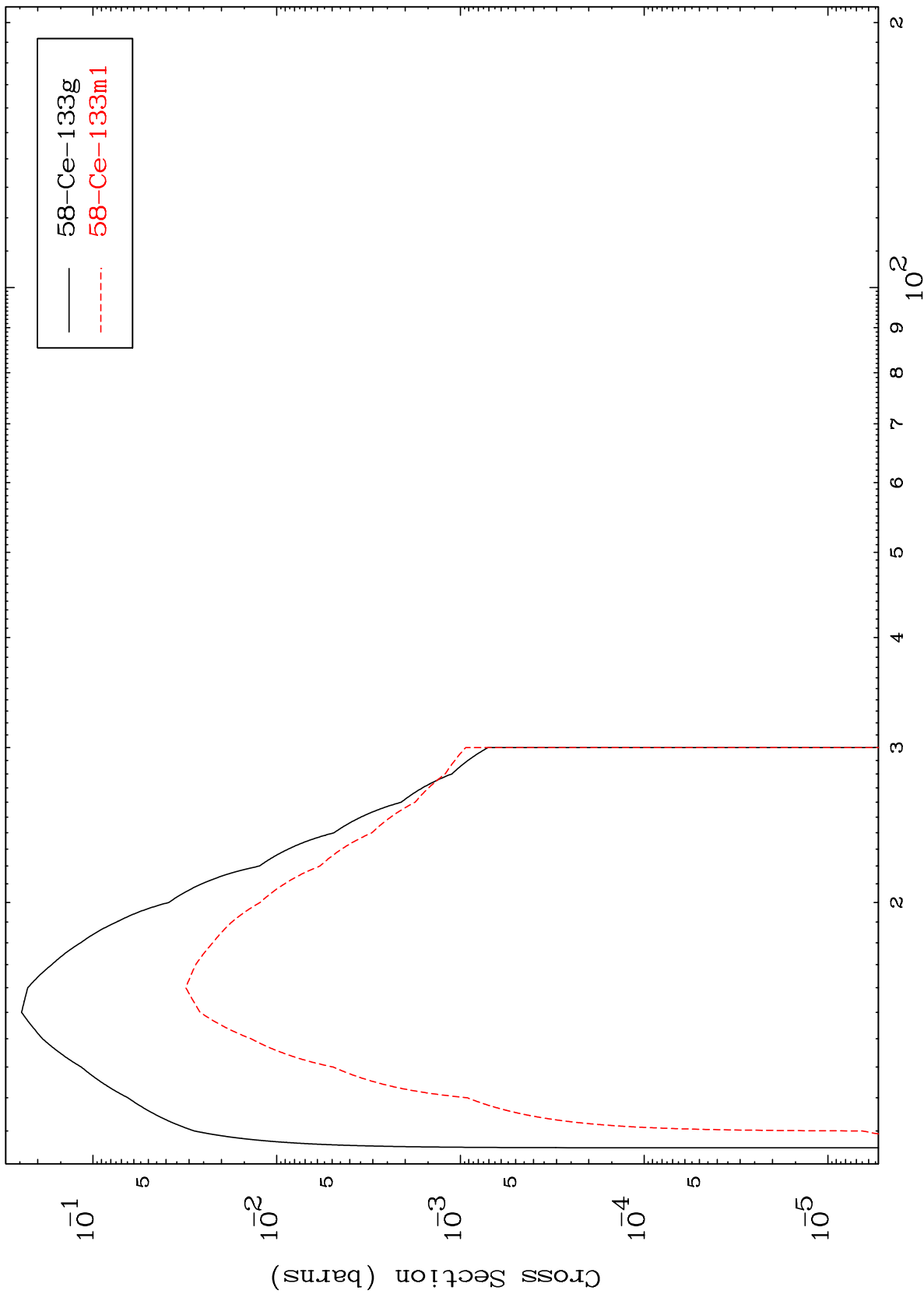


58-Ce-134

MAT 5819

58-Ce-134

Photon Inelastic
Radionuclide Production Cross Section



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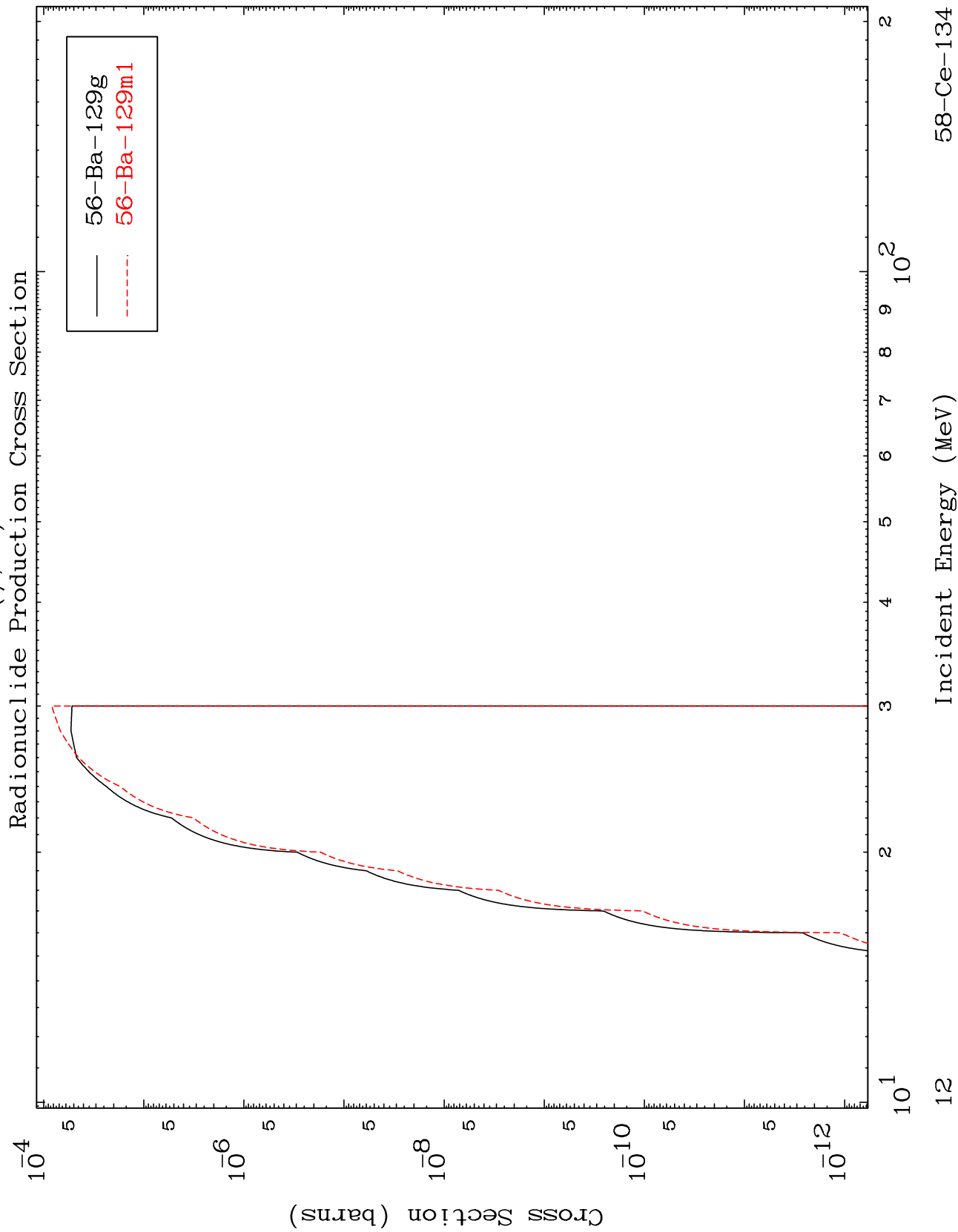
58-Ce-134

Incident Energy (MeV)

MAT 5819

(γ, n') α

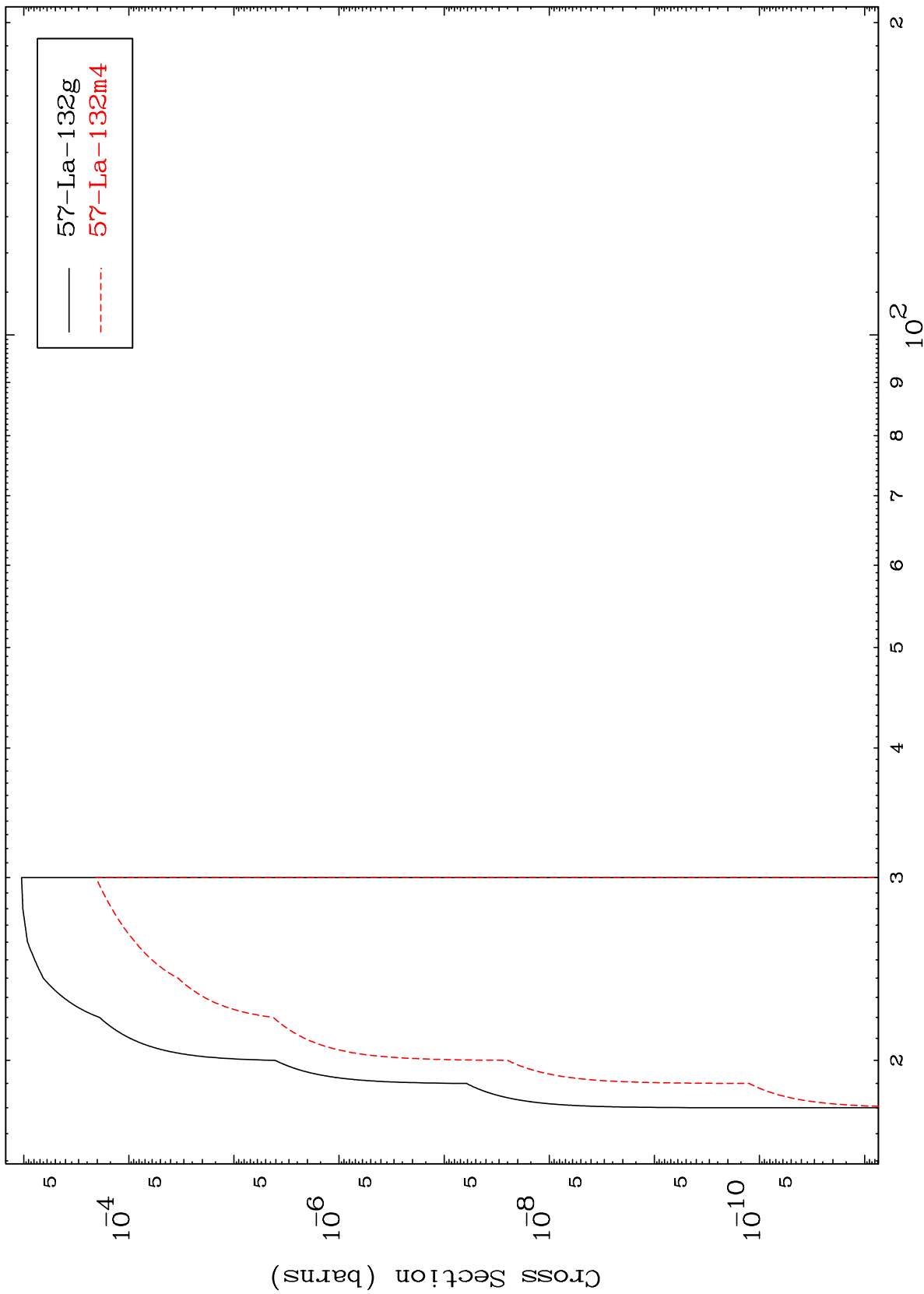
58-Ce-134



MAT 5819

58-Ce-134

(γ, n') p
Radionuclide Production Cross Section



57-La-132g
57-La-132m4

13

Incident Energy (MeV)

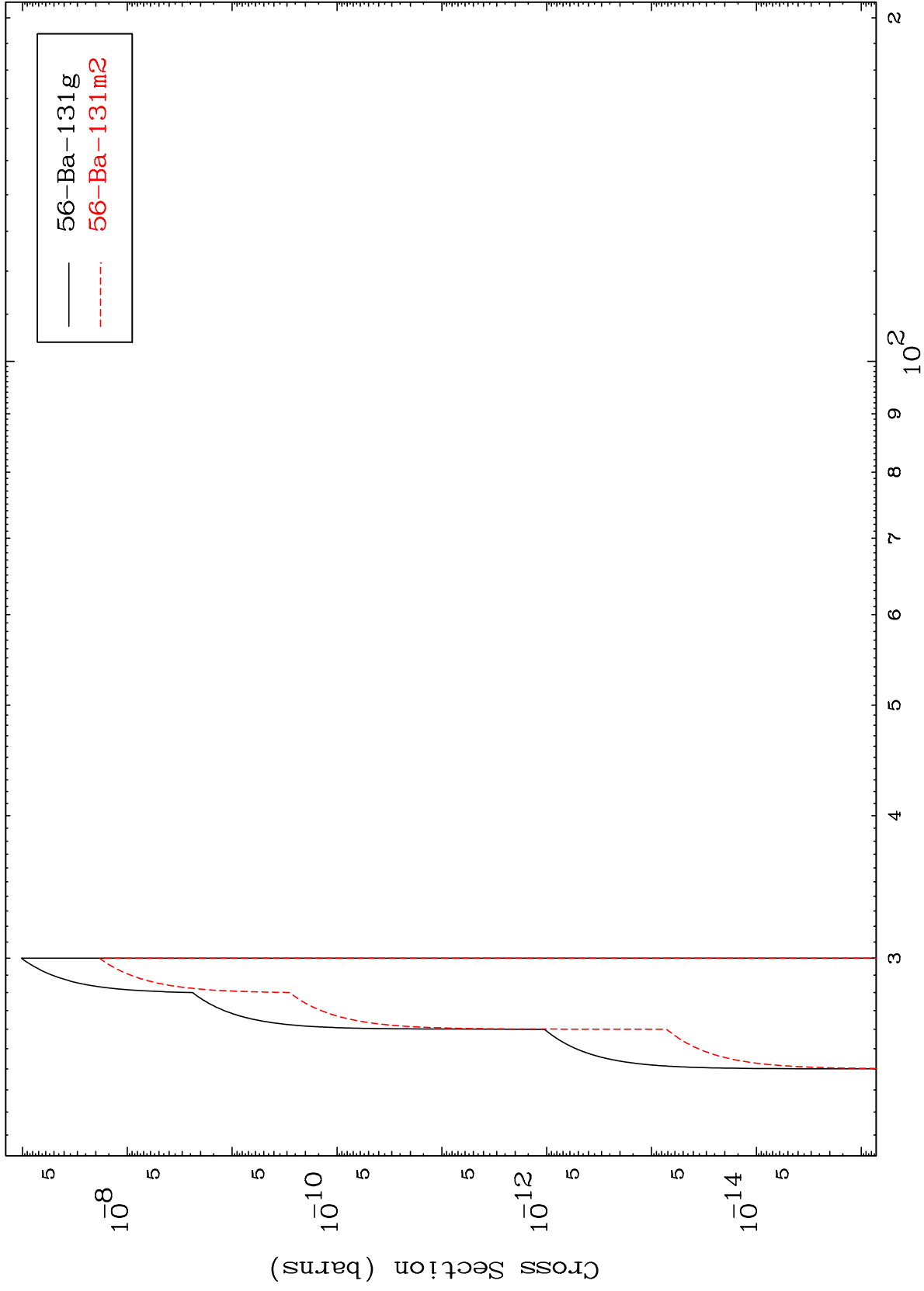
58-Ce-134

MAT 5819

($\gamma, 2n$) p

58-Ce-134

Radionuclide Production Cross Section

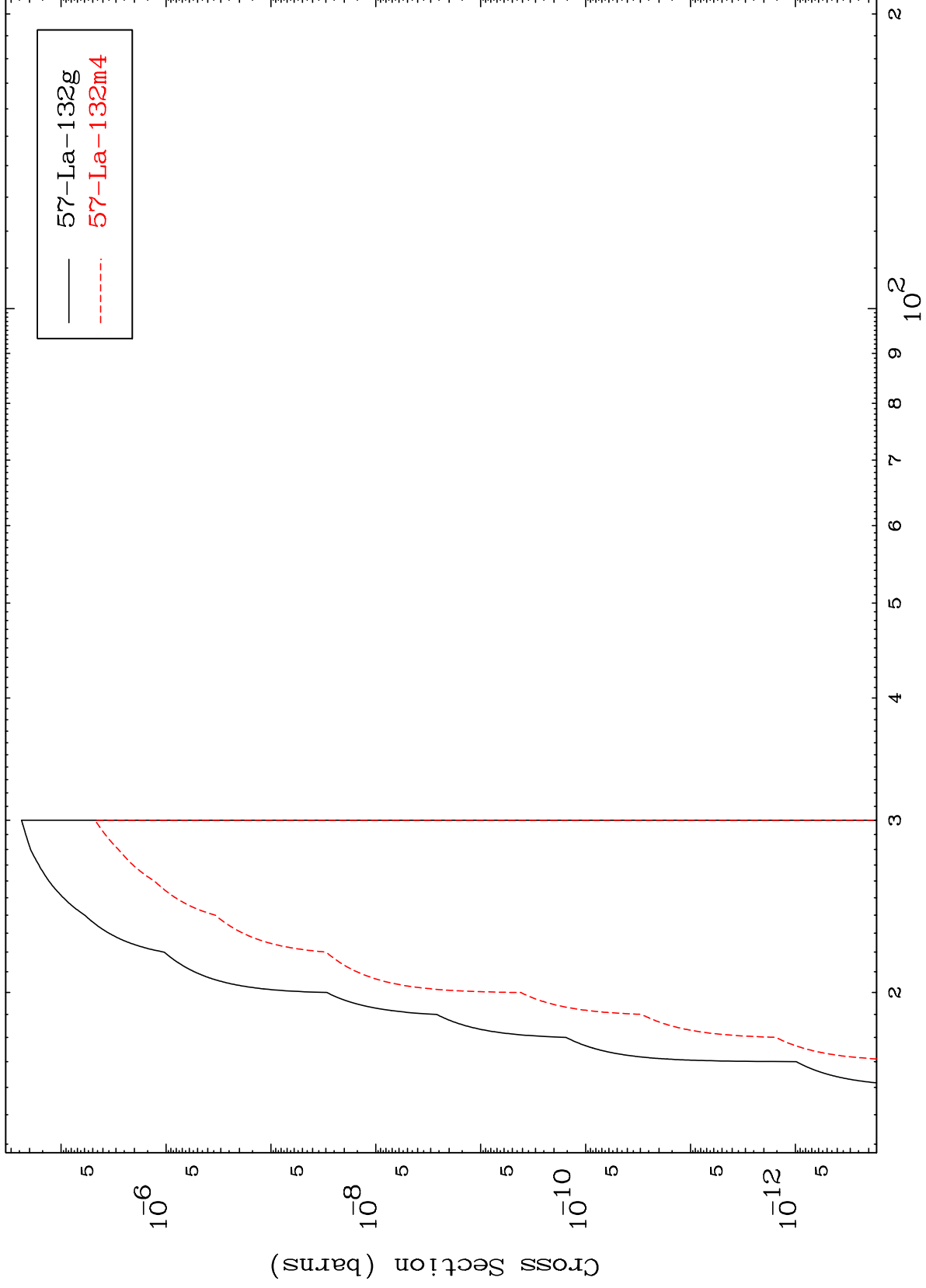


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Incident Energy (MeV)

58-Ce-134

(γ, d)
Radionuclide Production Cross Section

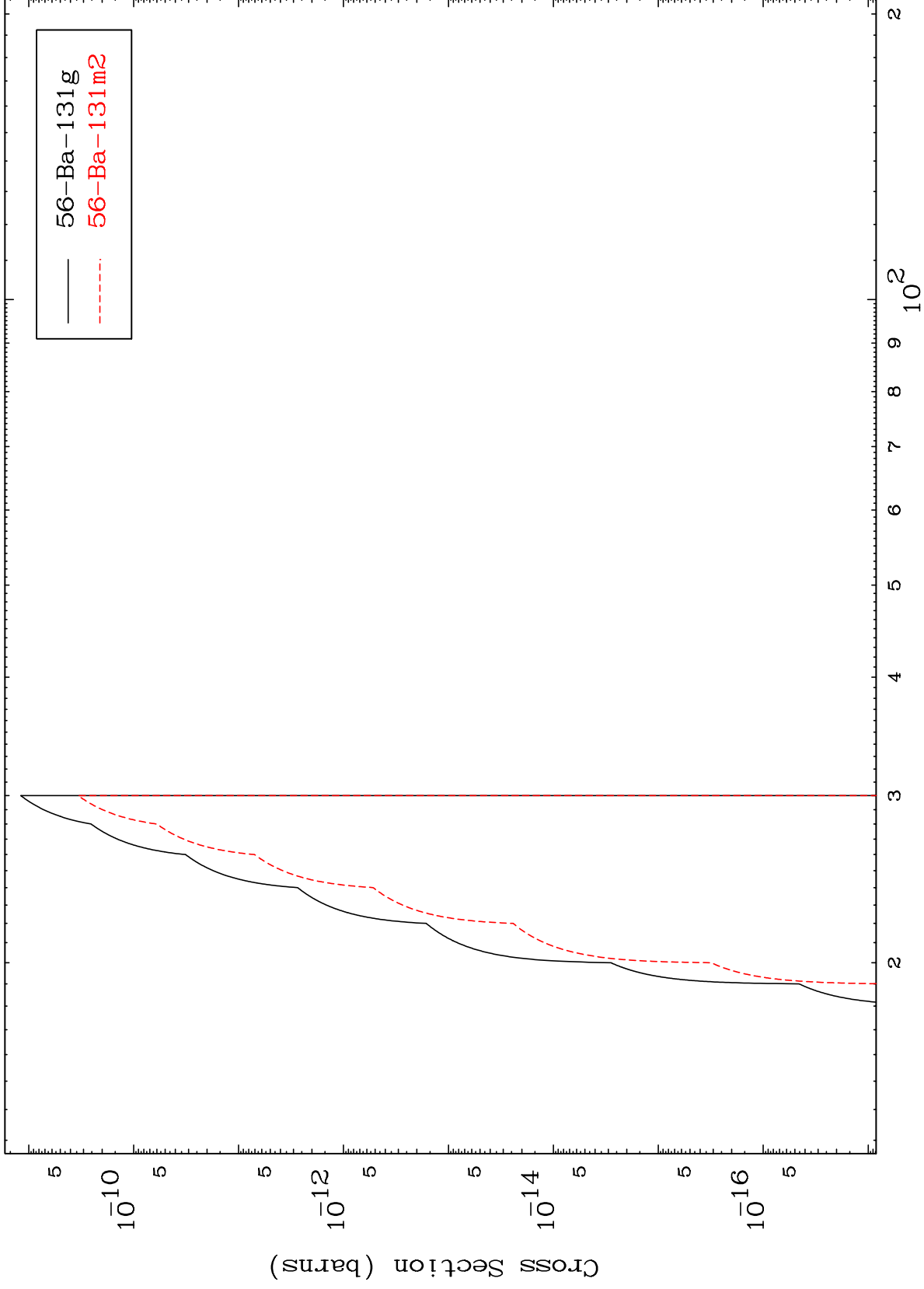


MAT 5819

($\gamma, \text{He-3}$)

58-Ce-134

Radionuclide Production Cross Section



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Incident Energy (MeV)

58-Ce-134

Radionuclide Production Cross Section

