

Program EVALPLOT
(Version 2017-1)

by

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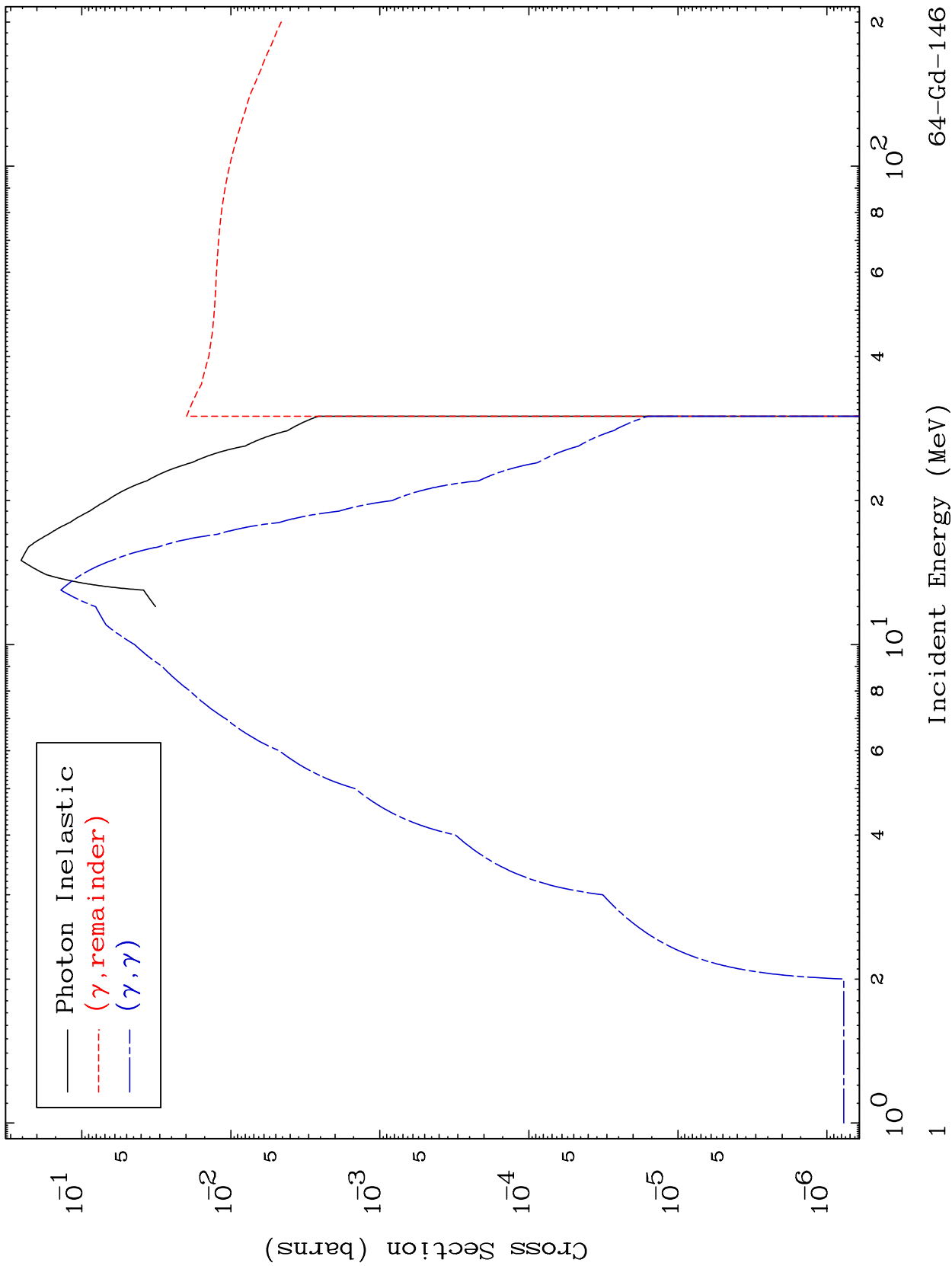
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6407

Photon Major
0 Kelvin Cross Sections

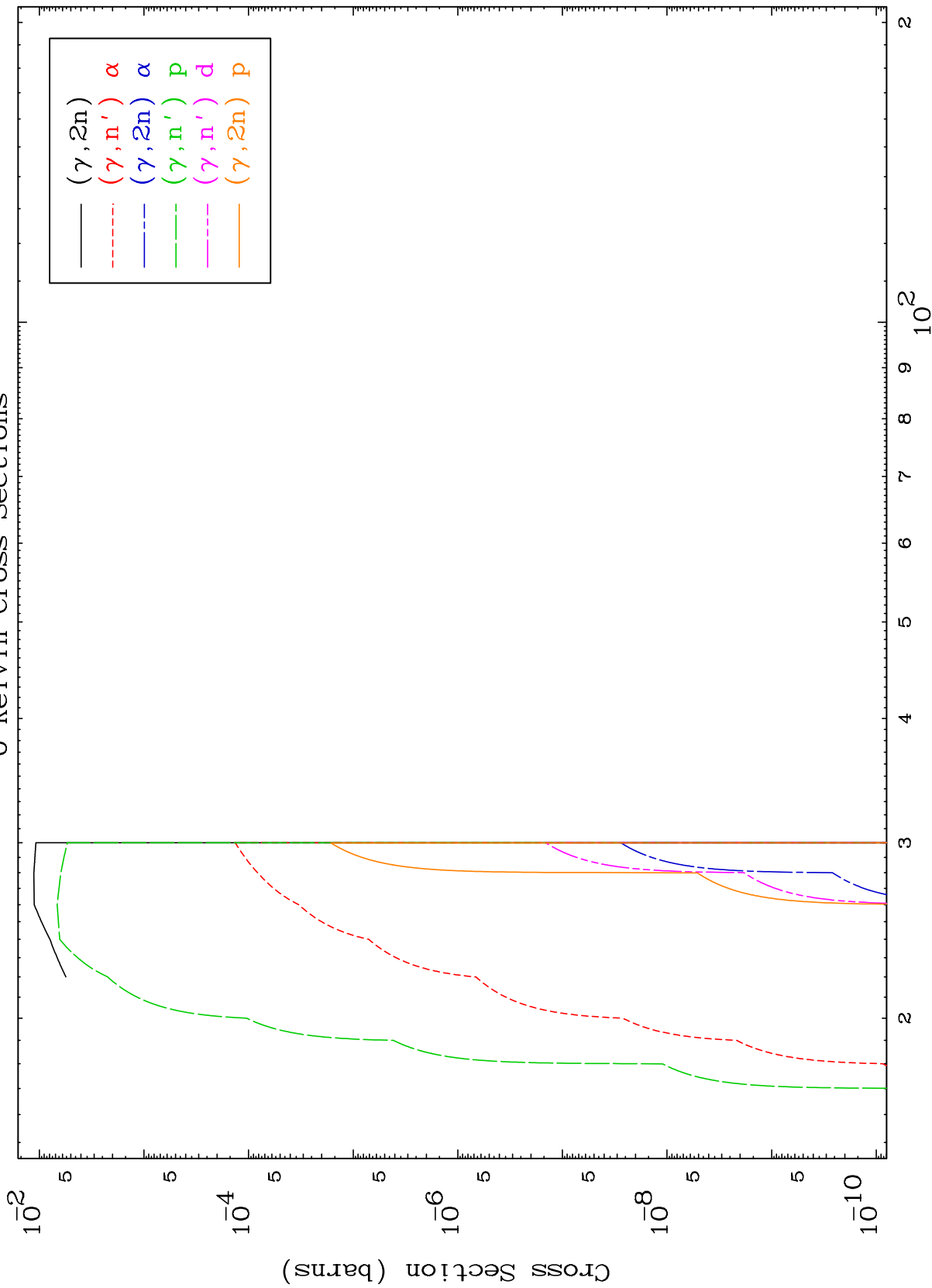
64-Gd-146

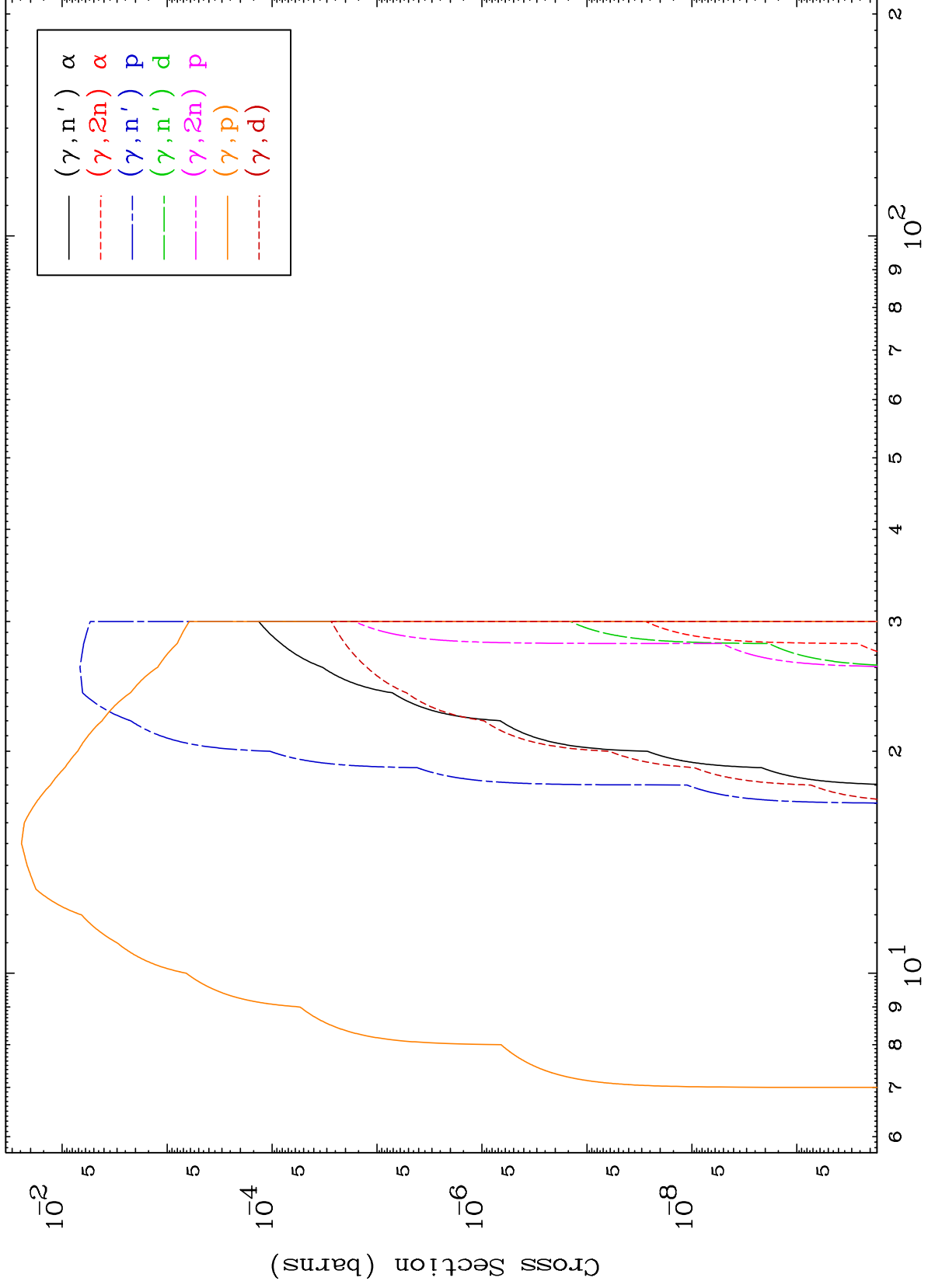


— Photon Inelastic
- - - (γ , remainder)
- - - (γ , γ)

64-Gd-146

Incident Energy (MeV)

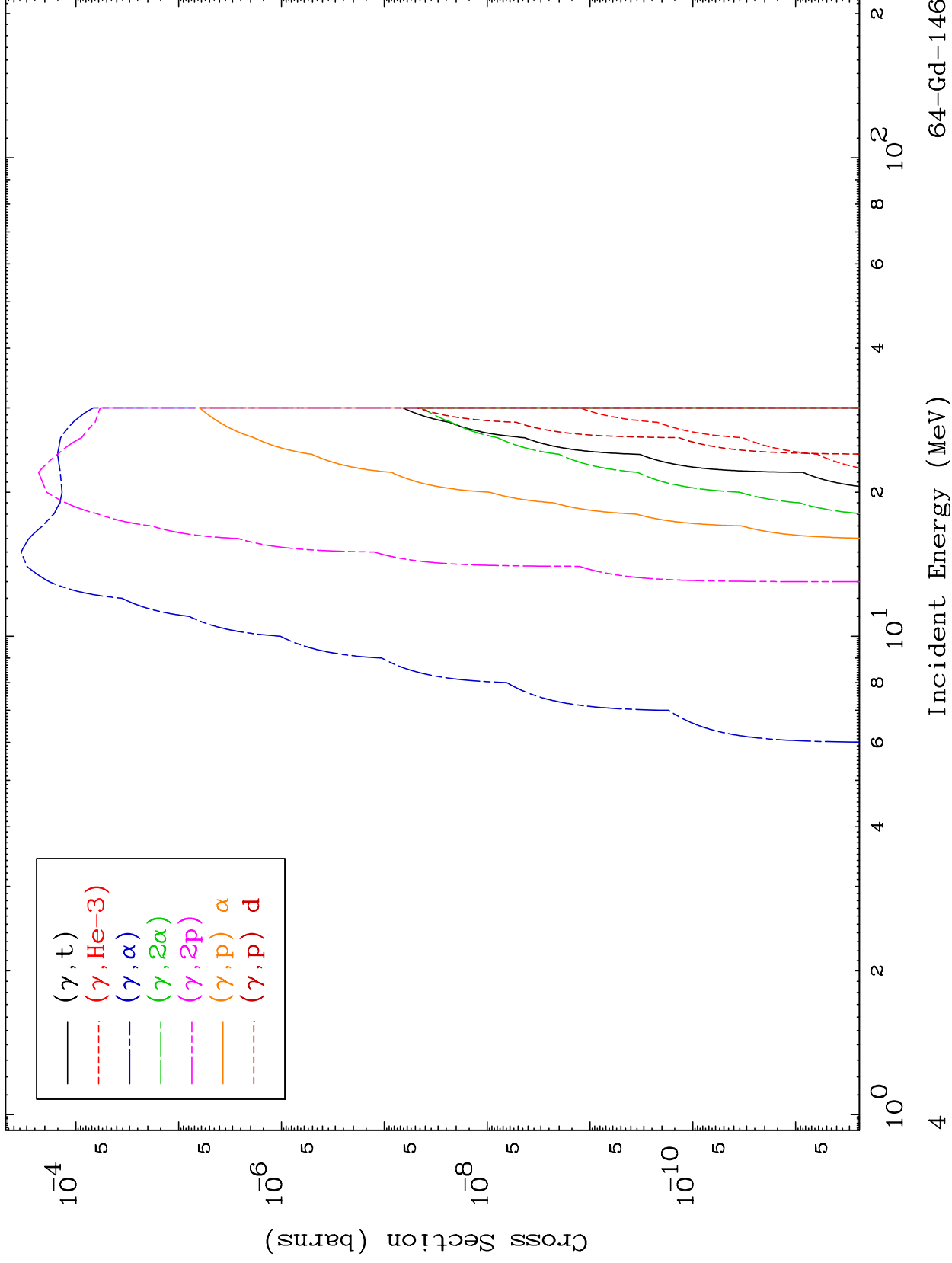




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Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-146



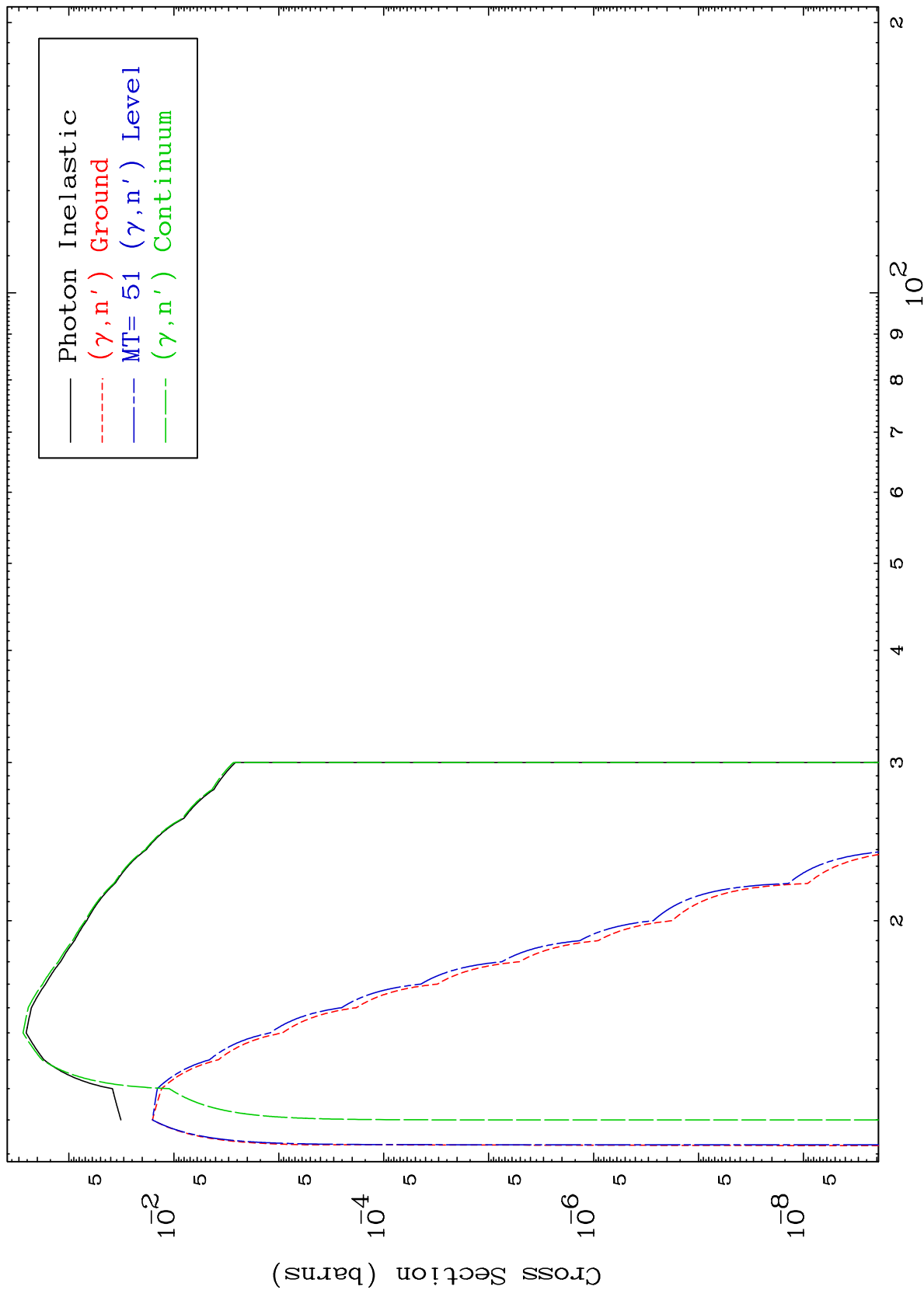
64-Gd-146

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(γ, n') Level

64-Gd-146

0 Kelvin Cross Sections



Incident Energy (MeV)

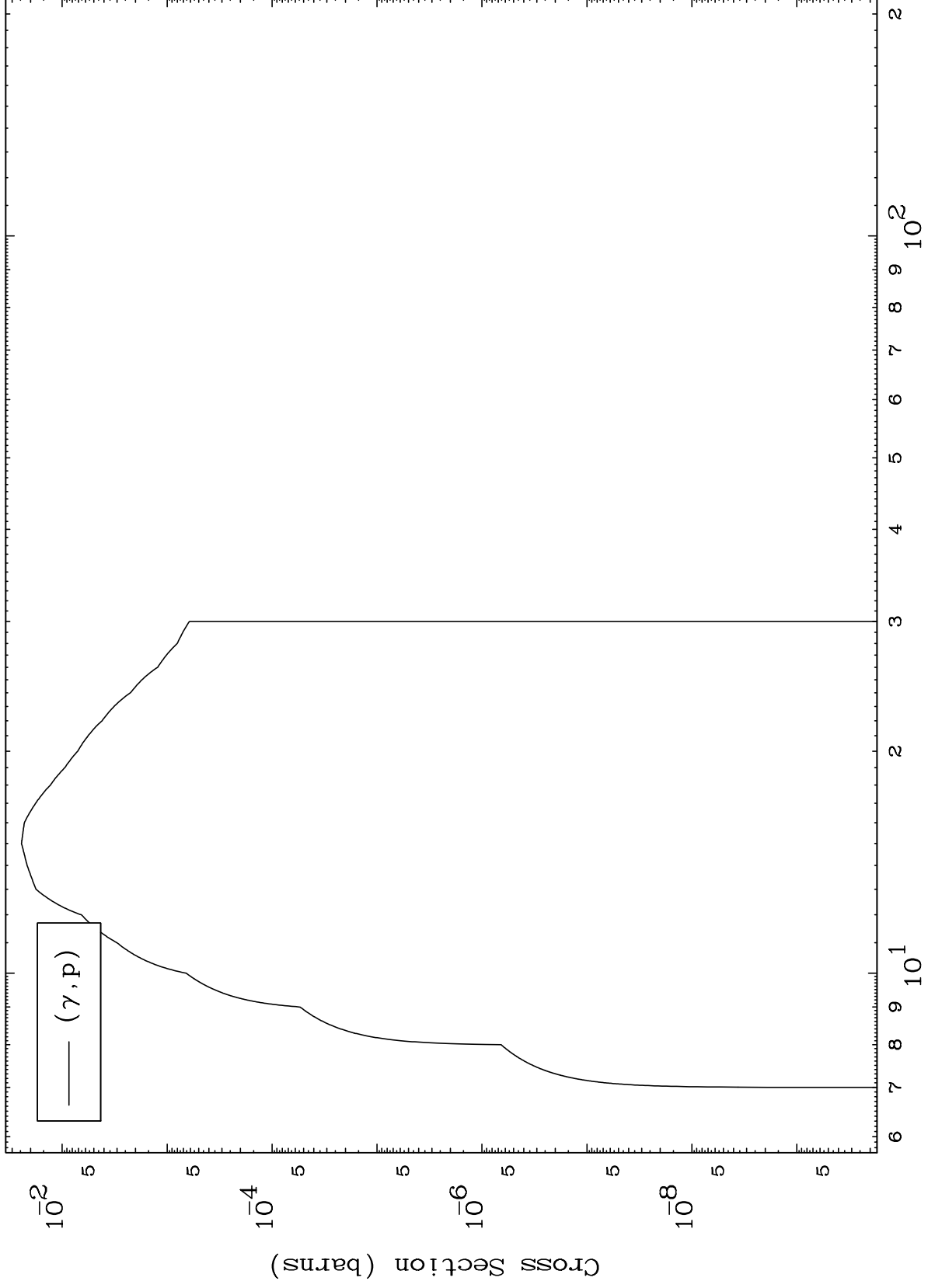
64-Gd-146

5

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(γ, p) Levels
0 Kelvin Cross Sections

64-Gd-146



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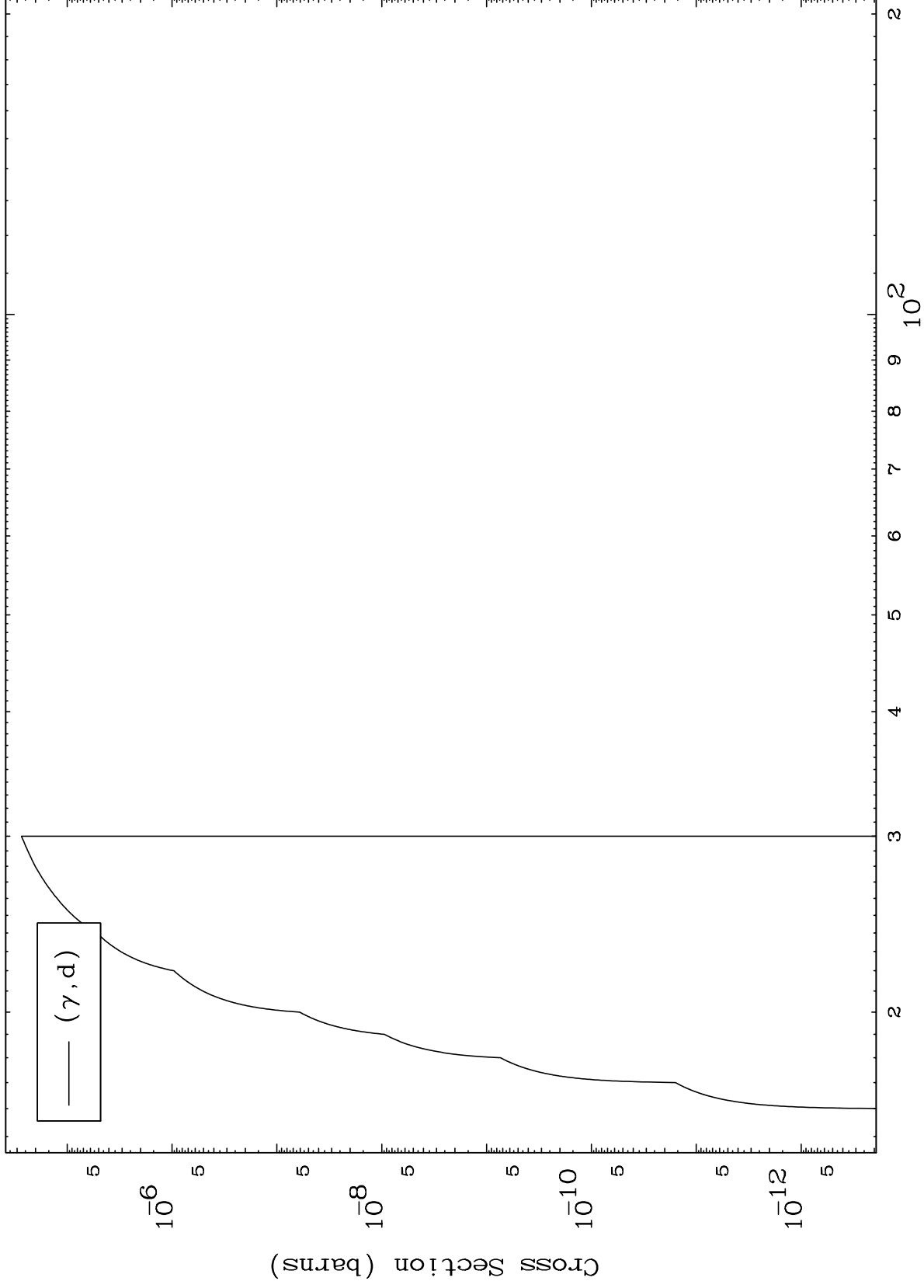
Incident Energy (MeV)

64-Gd-146

MAT 6407

(γ, d) Levels
0 Kelvin Cross Sections

64-Gd-146



7

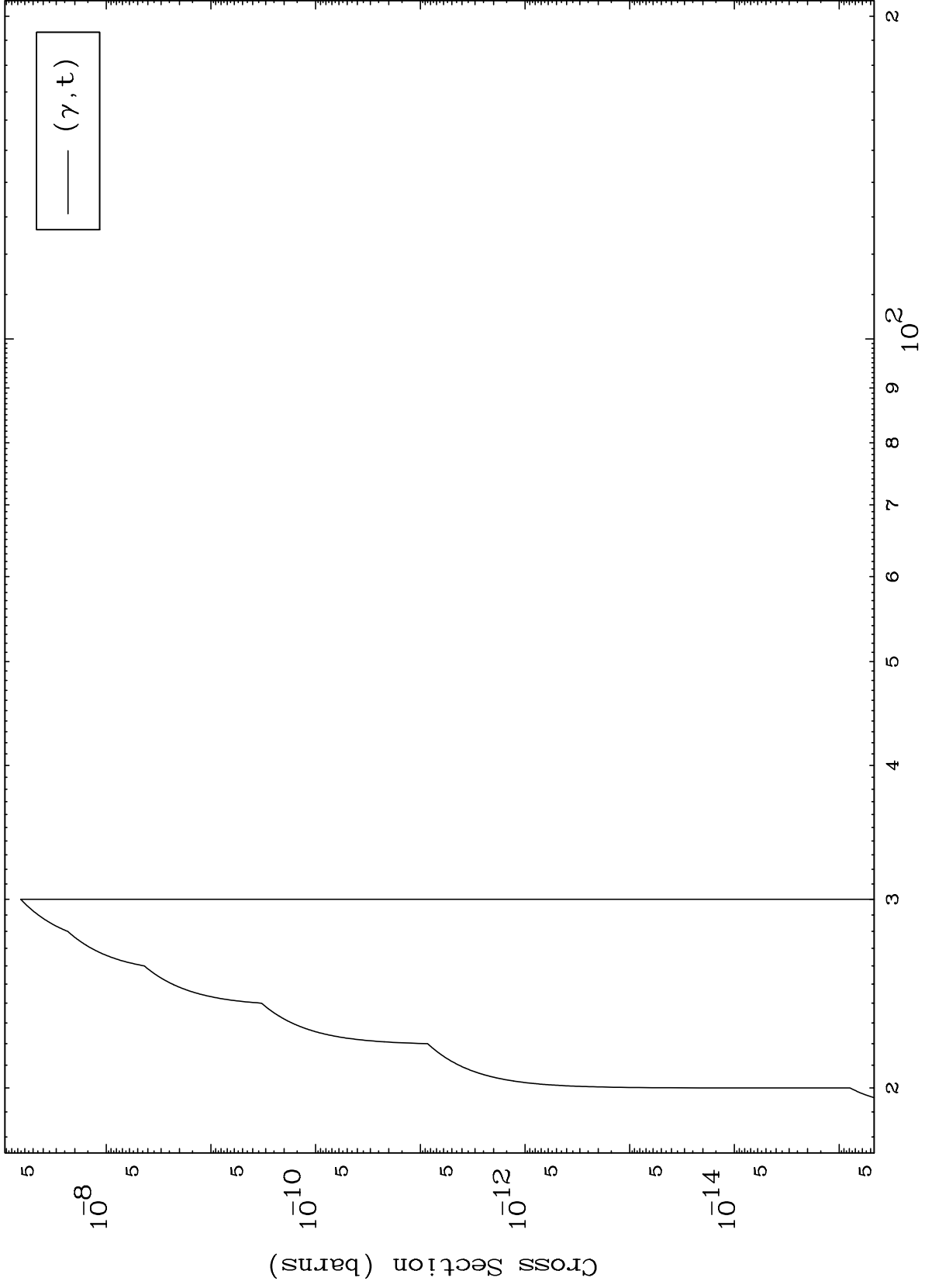
Incident Energy (MeV)

64-Gd-146

MAT 6407

(γ, t) Levels
0 Kelvin Cross Sections

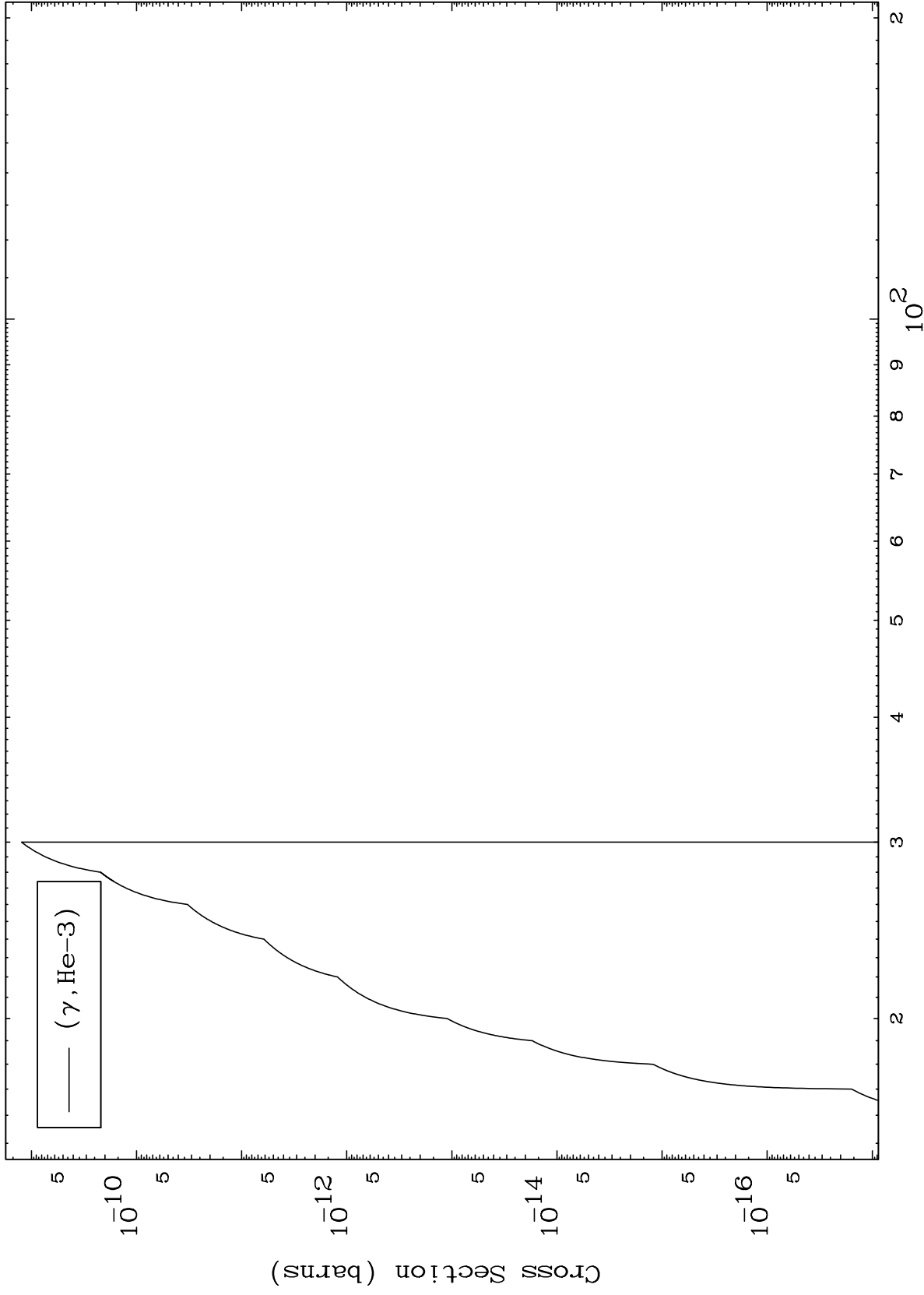
64-Gd-146



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Incident Energy (MeV)

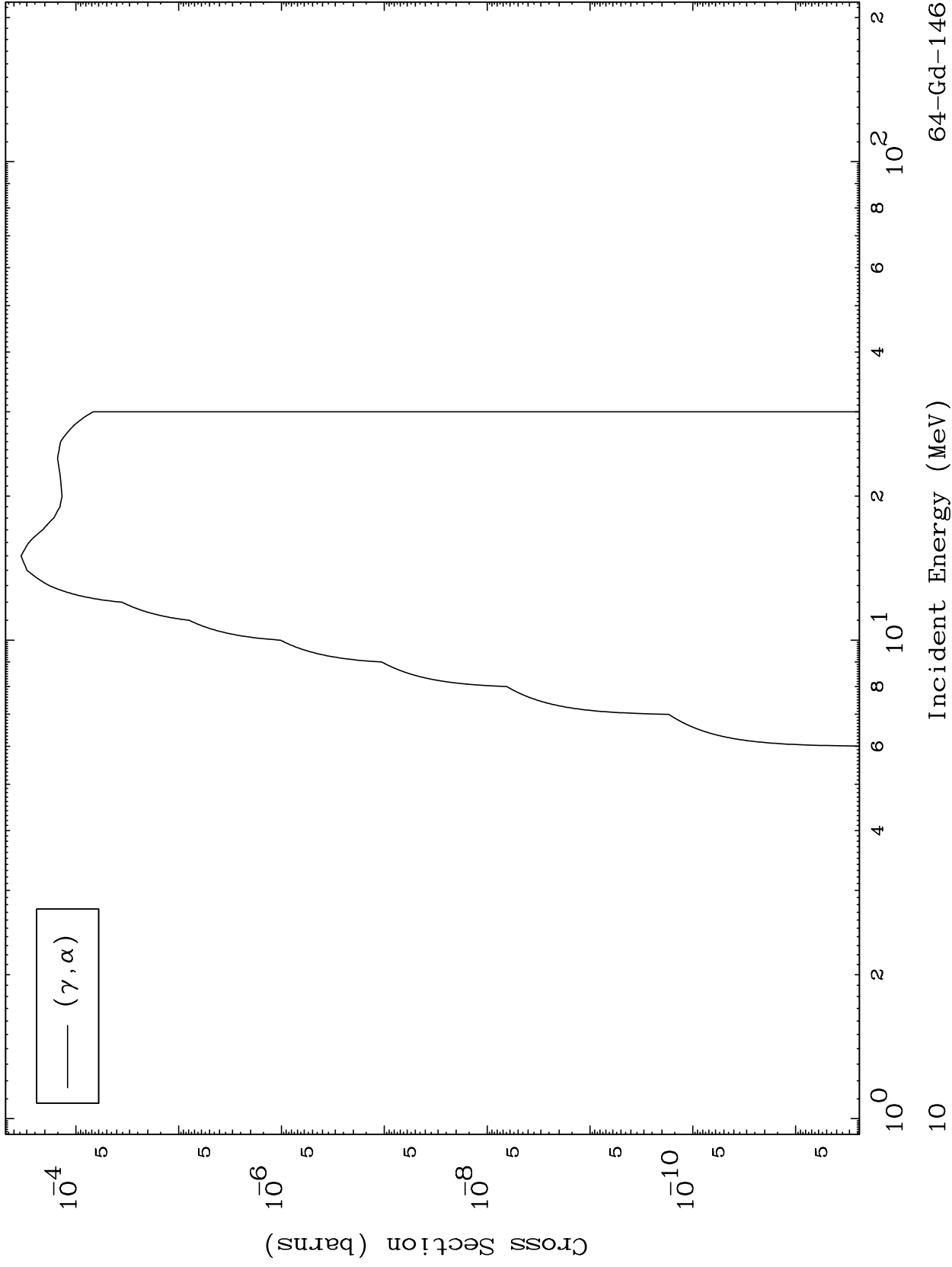
64-Gd-146



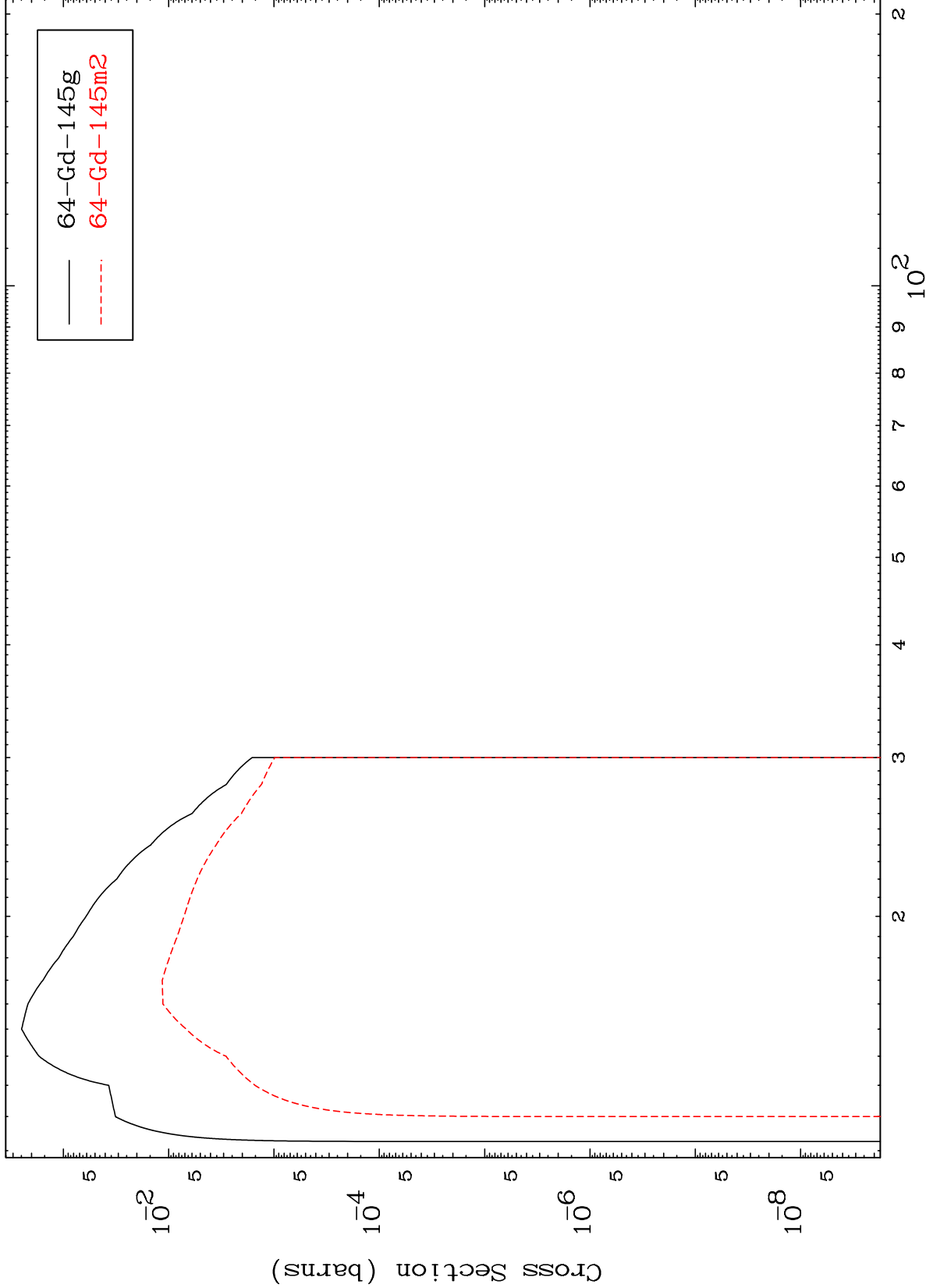
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(γ, α) Levels
0 Kelvin Cross Sections

64-Gd-146



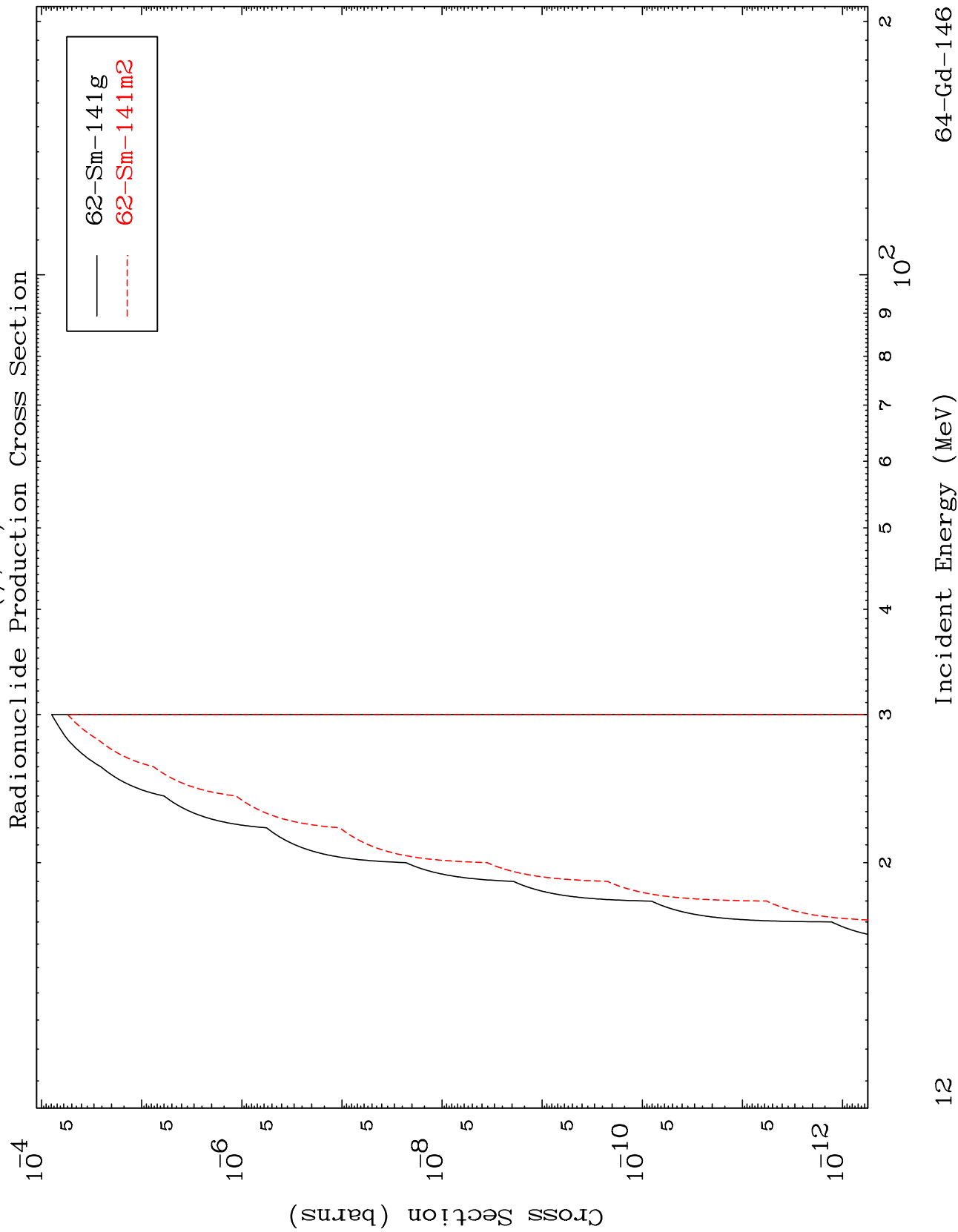
Radionuclide Production Cross Section



MAT 6407

(γ, n') α

64-Gd-146



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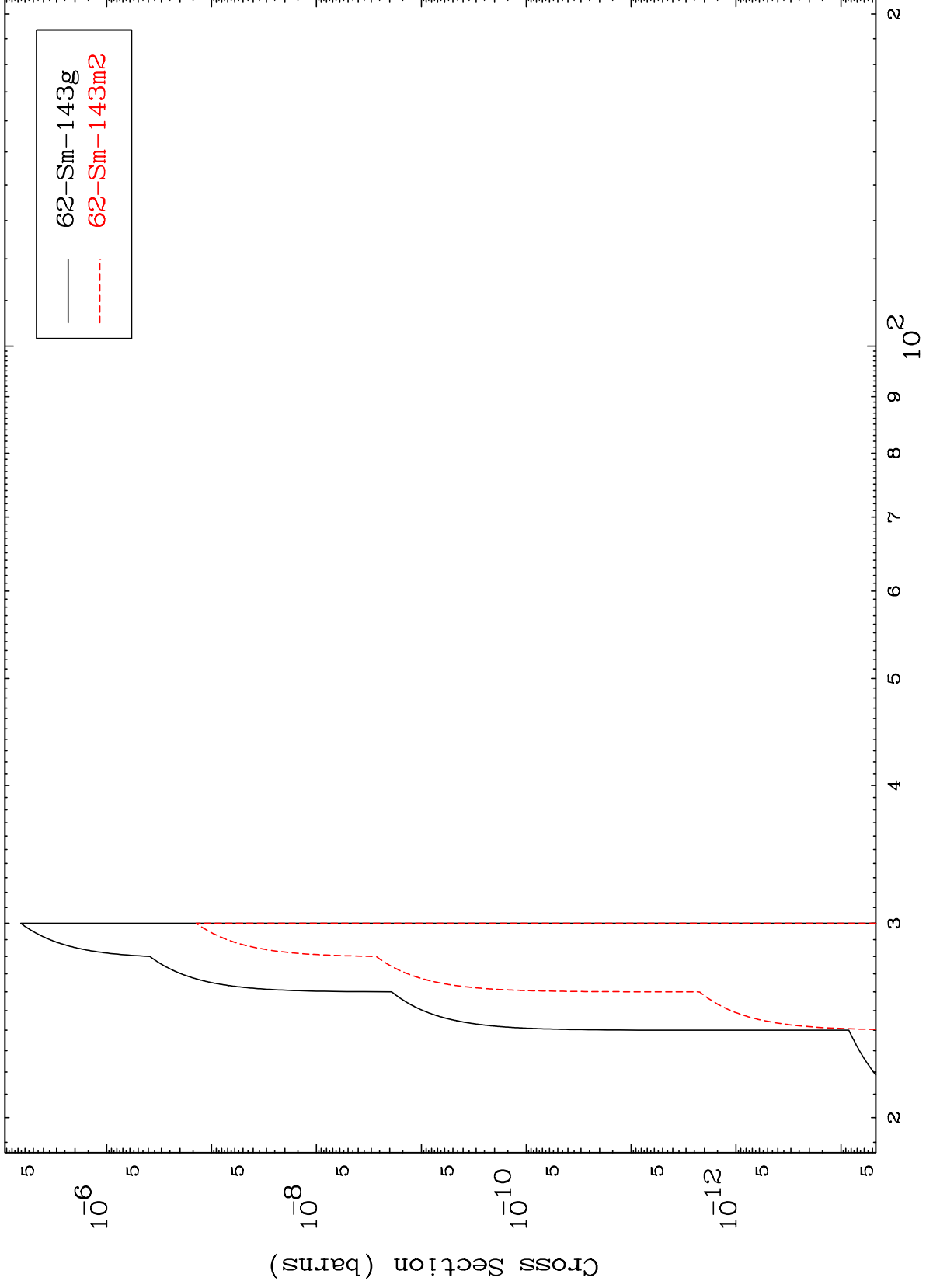
64-Gd-146

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($\gamma, 2n$) p

64-Gd-146

Radionuclide Production Cross Section



13

Incident Energy (MeV)

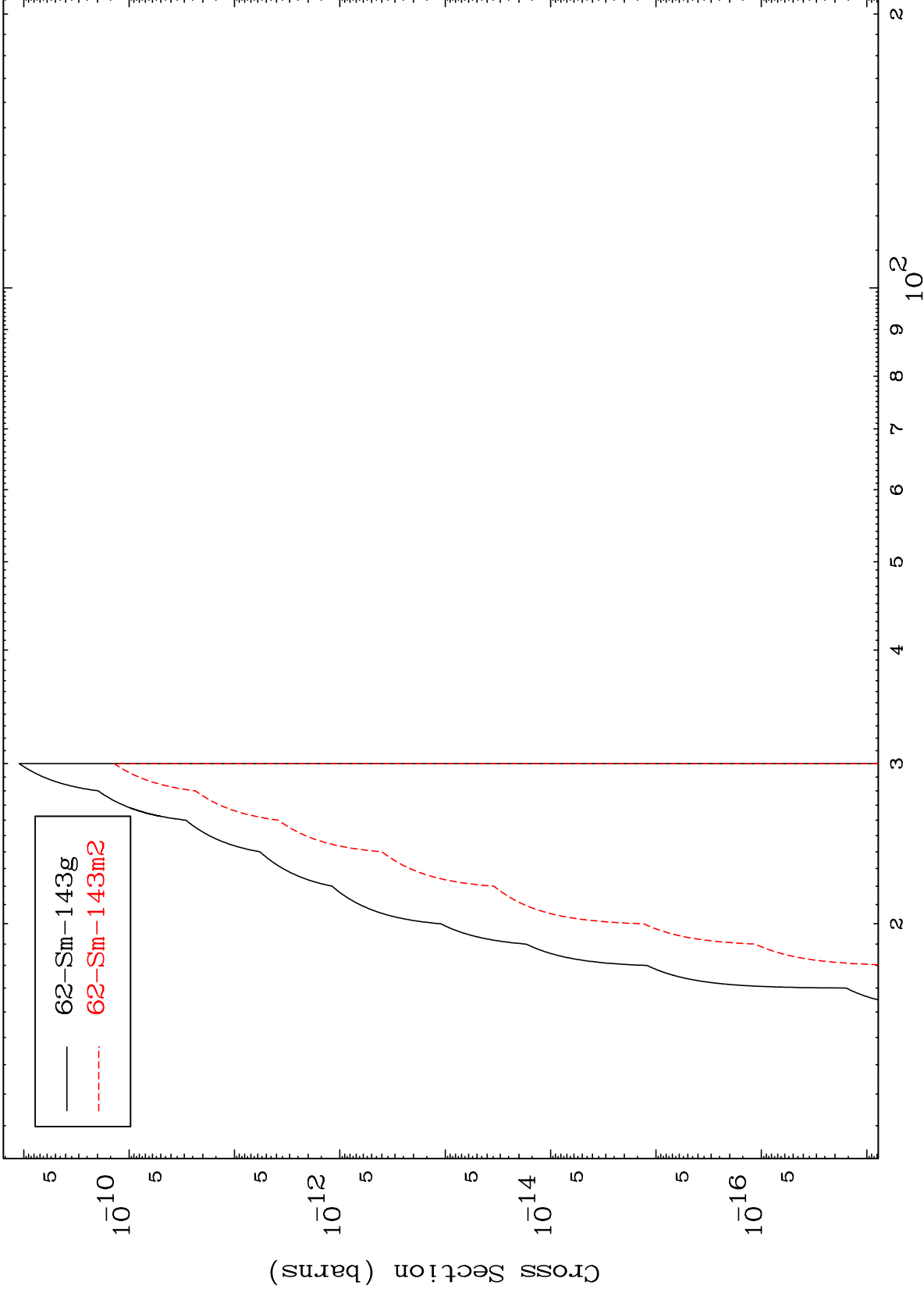
64-Gd-146

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

64-Gd-146

Radionuclide Production Cross Section



14

Incident Energy (MeV)

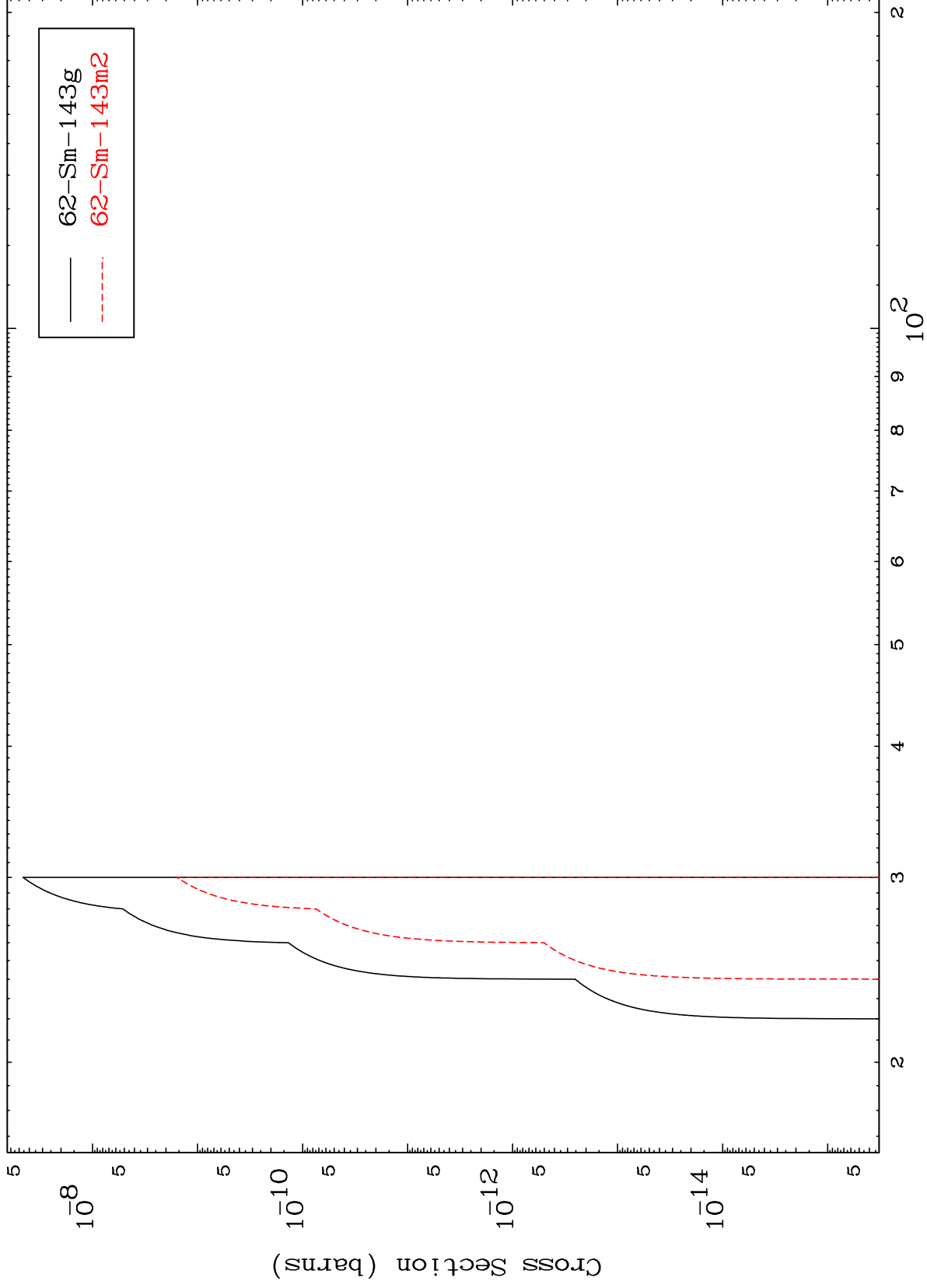
64-Gd-146

MAT 6407

(γ, p) d

64-Gd-146

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-146