

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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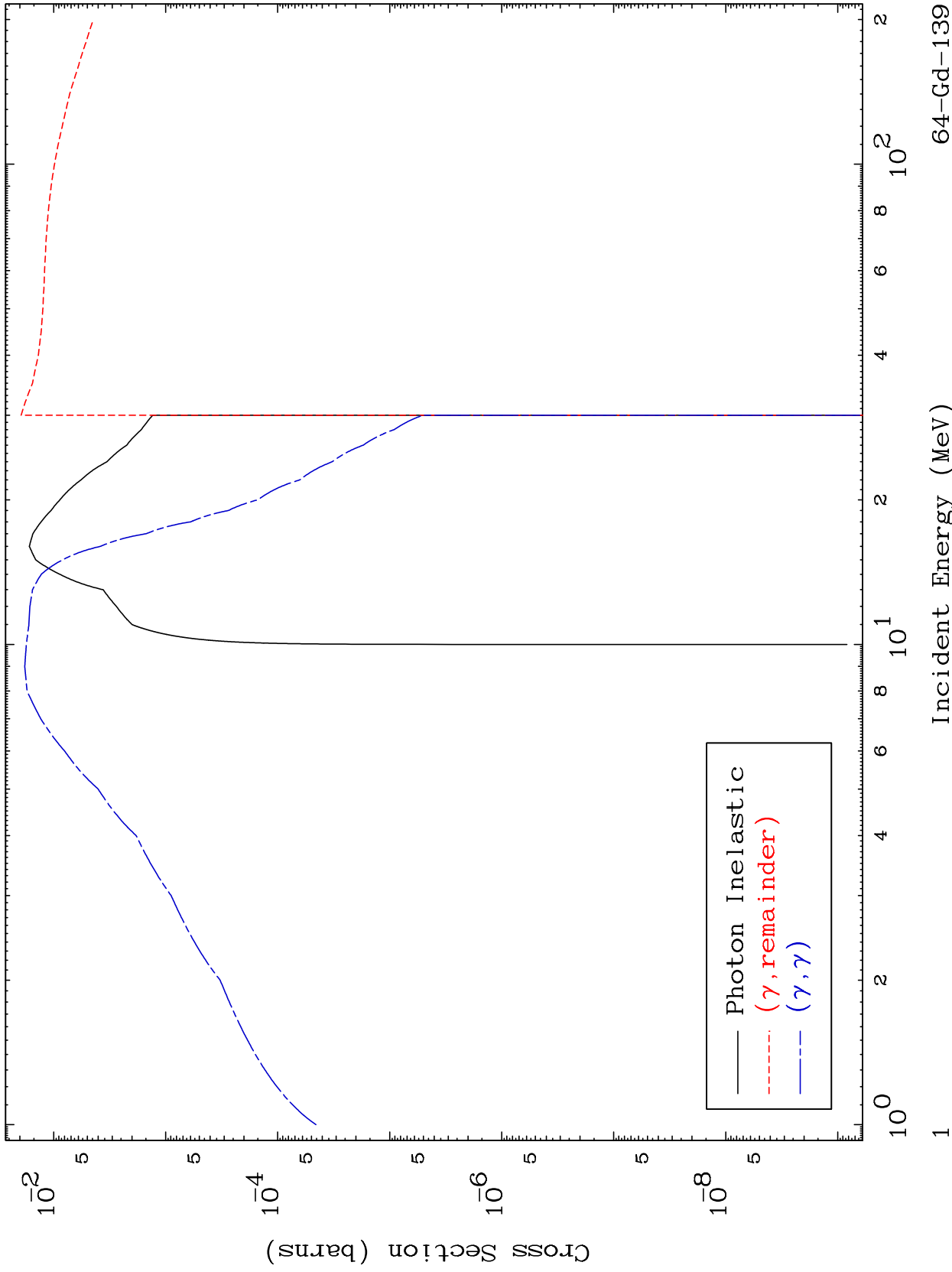
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

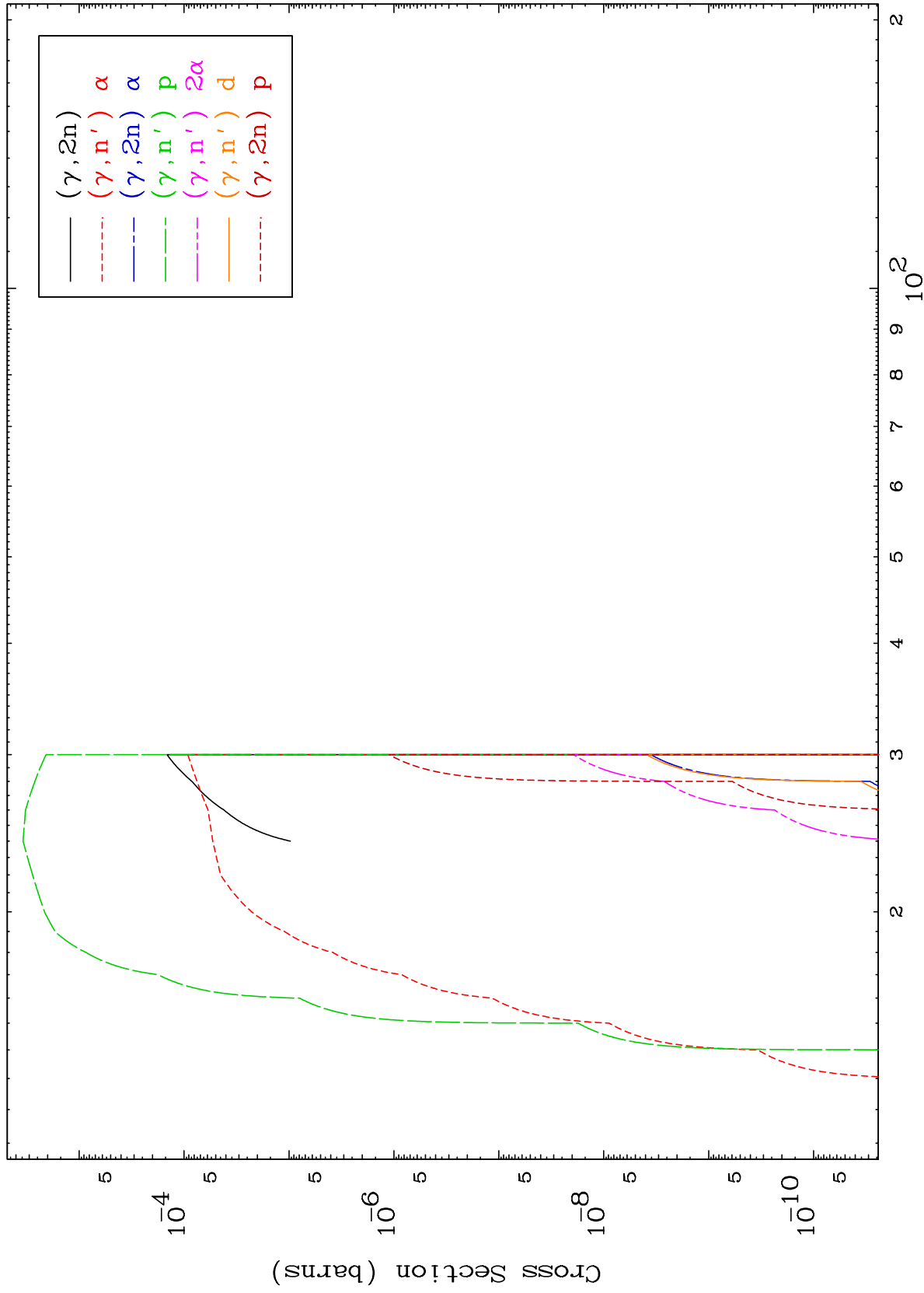
Press Mouse Button to Start

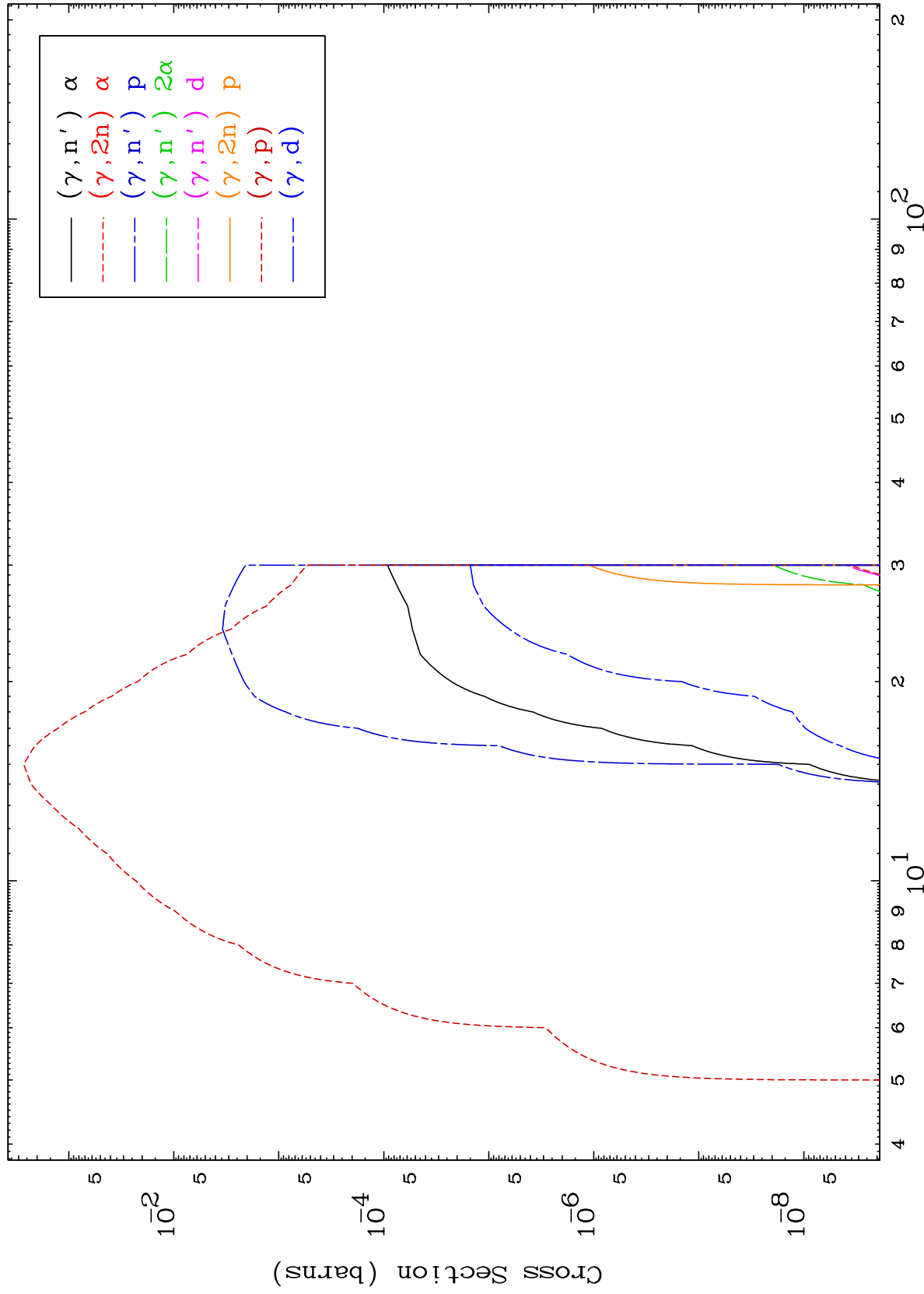
MAT 6386

Photon Major
0 Kelvin Cross Sections

64-Gd-139



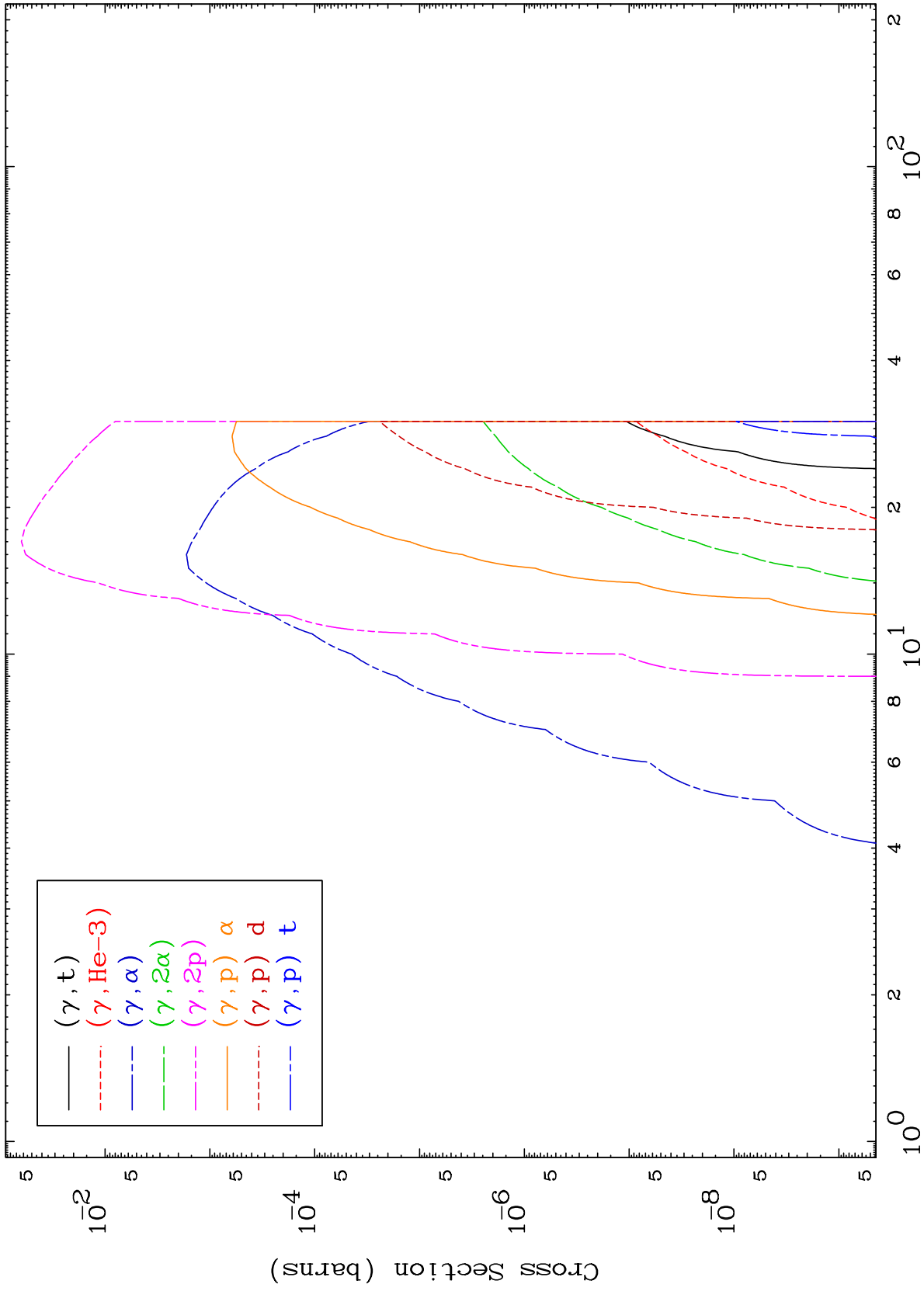




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Photon Charged Particle
0 Kelvin Cross Sections

64-Gd-139



64-Gd-139

Incident Energy (MeV)

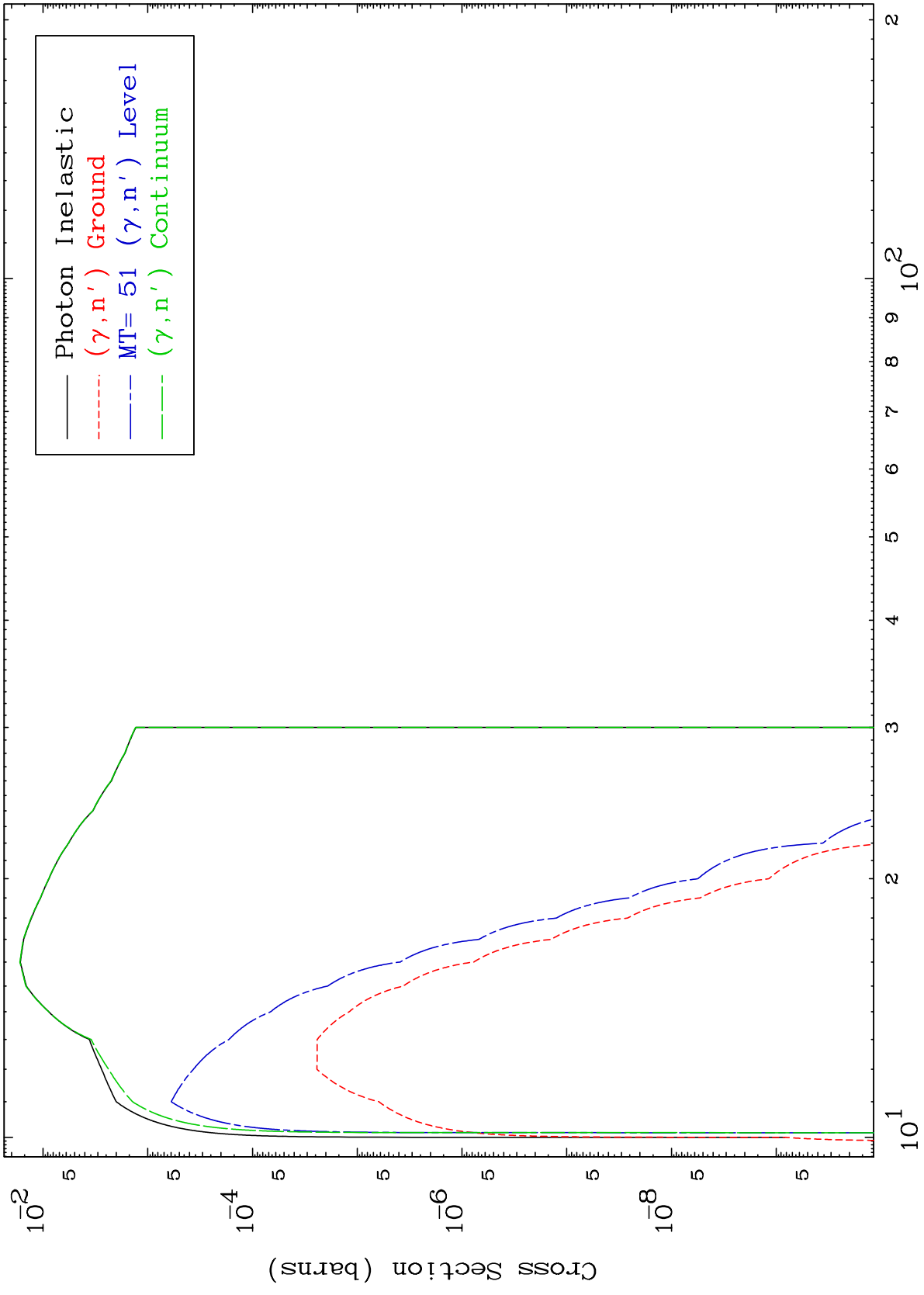
4

MAT 6386

(γ, n') Level

64-Gd-139

0 Kelvin Cross Sections



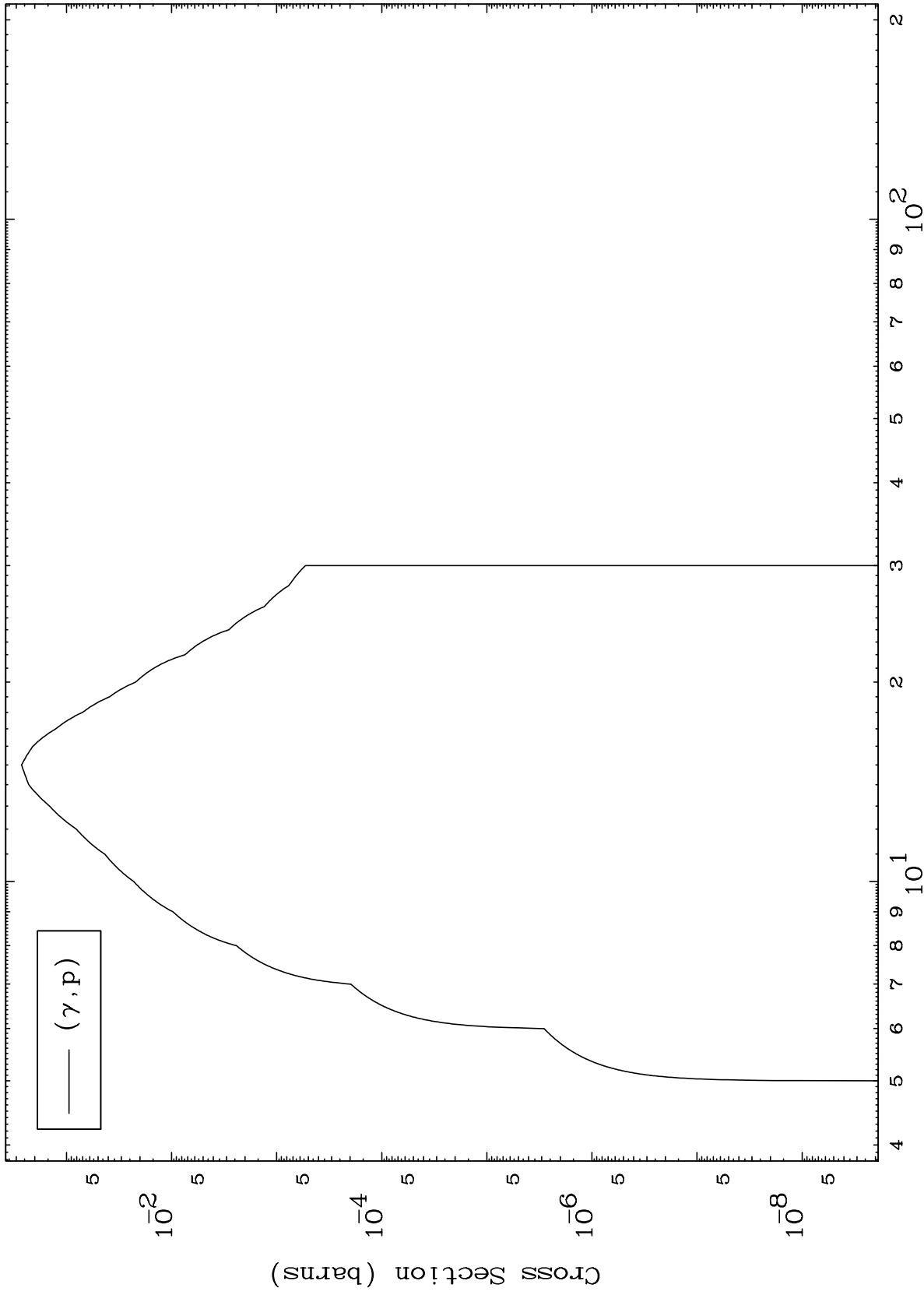
Incident Energy (MeV)

64-Gd-139

MAT 6386

(γ, p) Levels
0 Kelvin Cross Sections

64-Gd-139



6

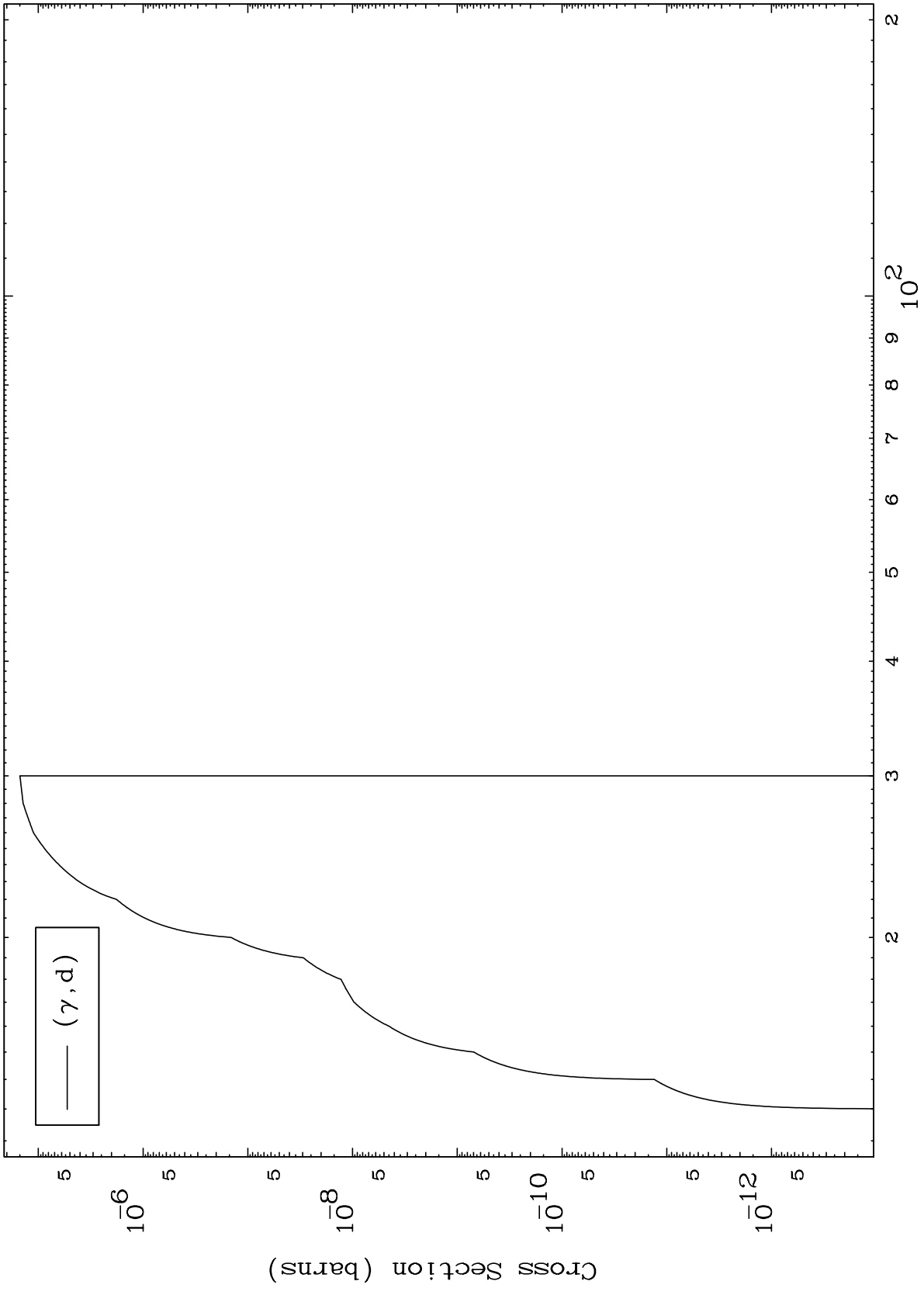
Incident Energy (MeV)

64-Gd-139

MAT 6386

(γ, d) Levels
0 Kelvin Cross Sections

64-Gd-139



7

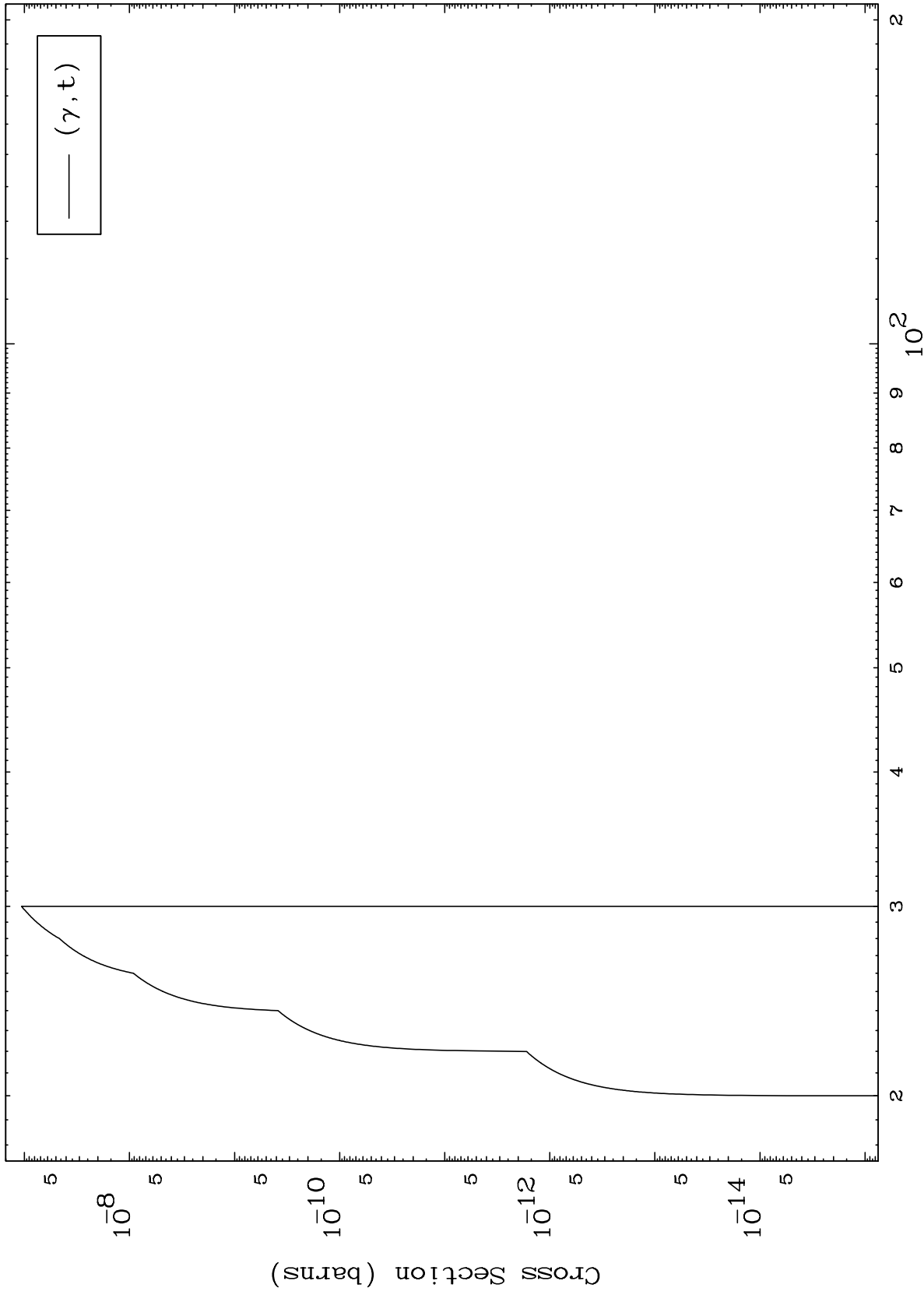
Incident Energy (MeV)

64-Gd-139

MAT 6386

(γ, t) Levels
0 Kelvin Cross Sections

64-Gd-139



8

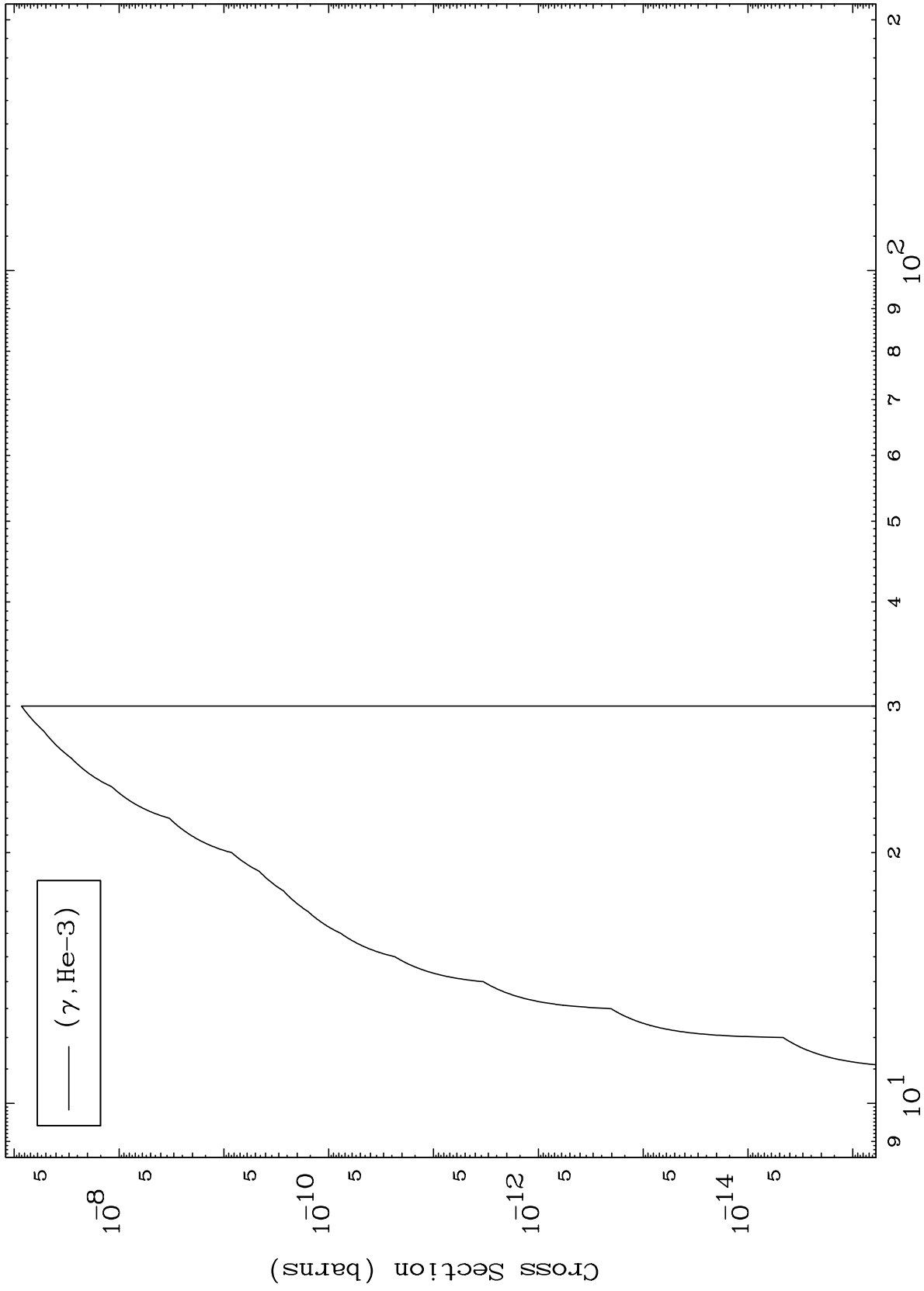
Incident Energy (MeV)

64-Gd-139

MAT 6386

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

64-Gd-139



9

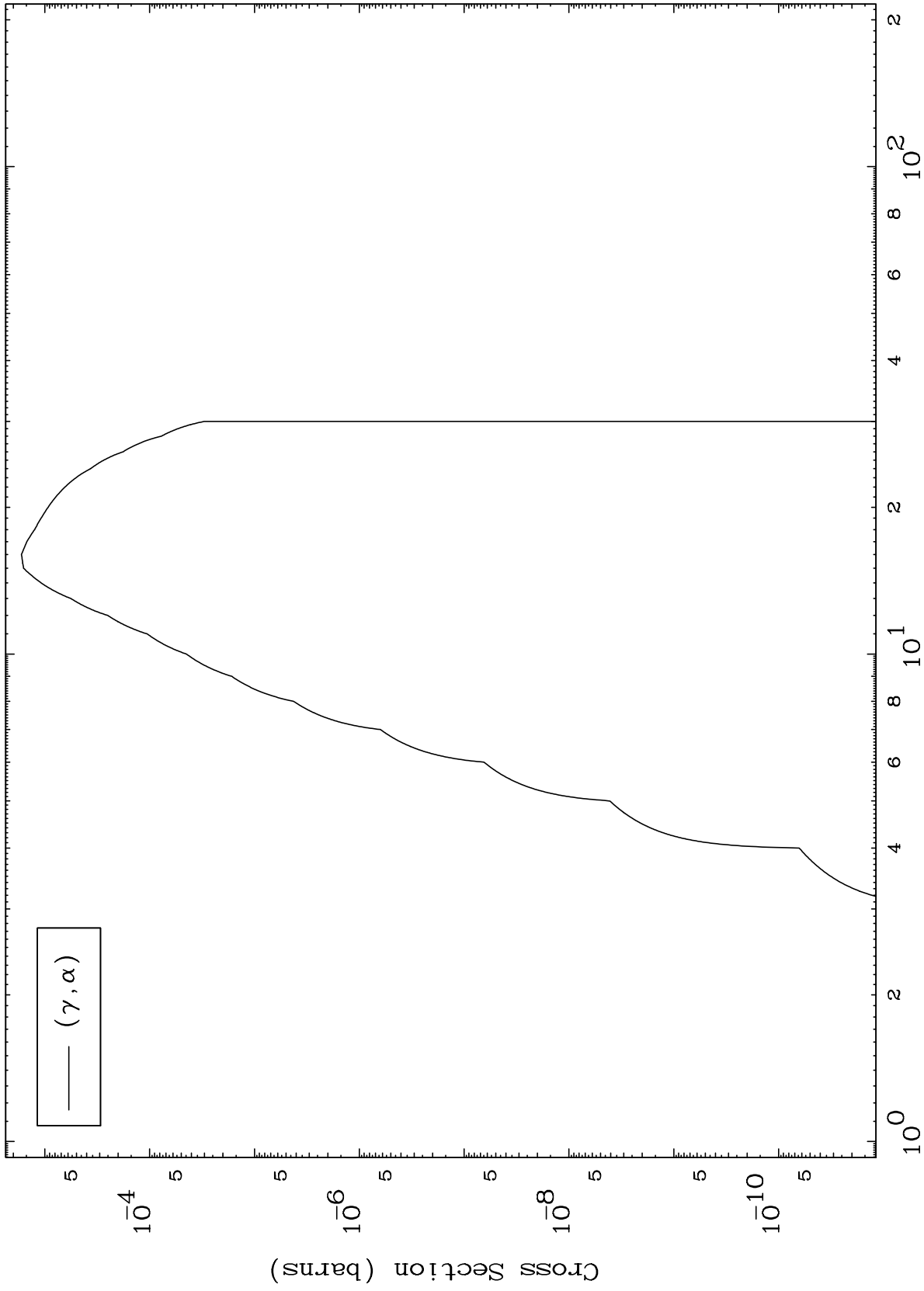
Incident Energy (MeV)

64-Gd-139

MAT 6386

(γ, α) Levels
0 Kelvin Cross Sections

64-Gd-139



Incident Energy (MeV)

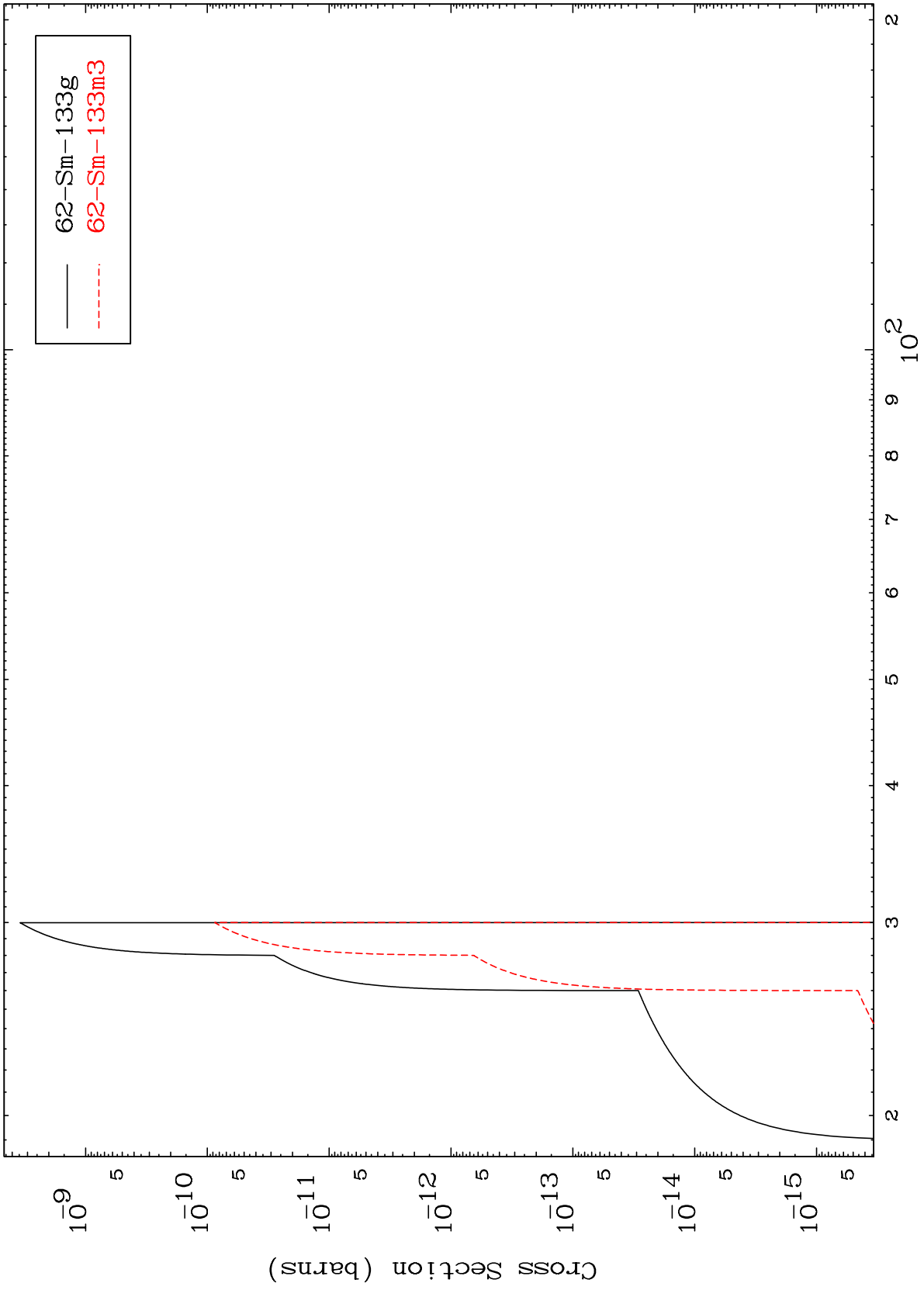
64-Gd-139

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$(\gamma, 2n) \alpha$

64-Gd-139

Radionuclide Production Cross Section



11

Incident Energy (MeV)

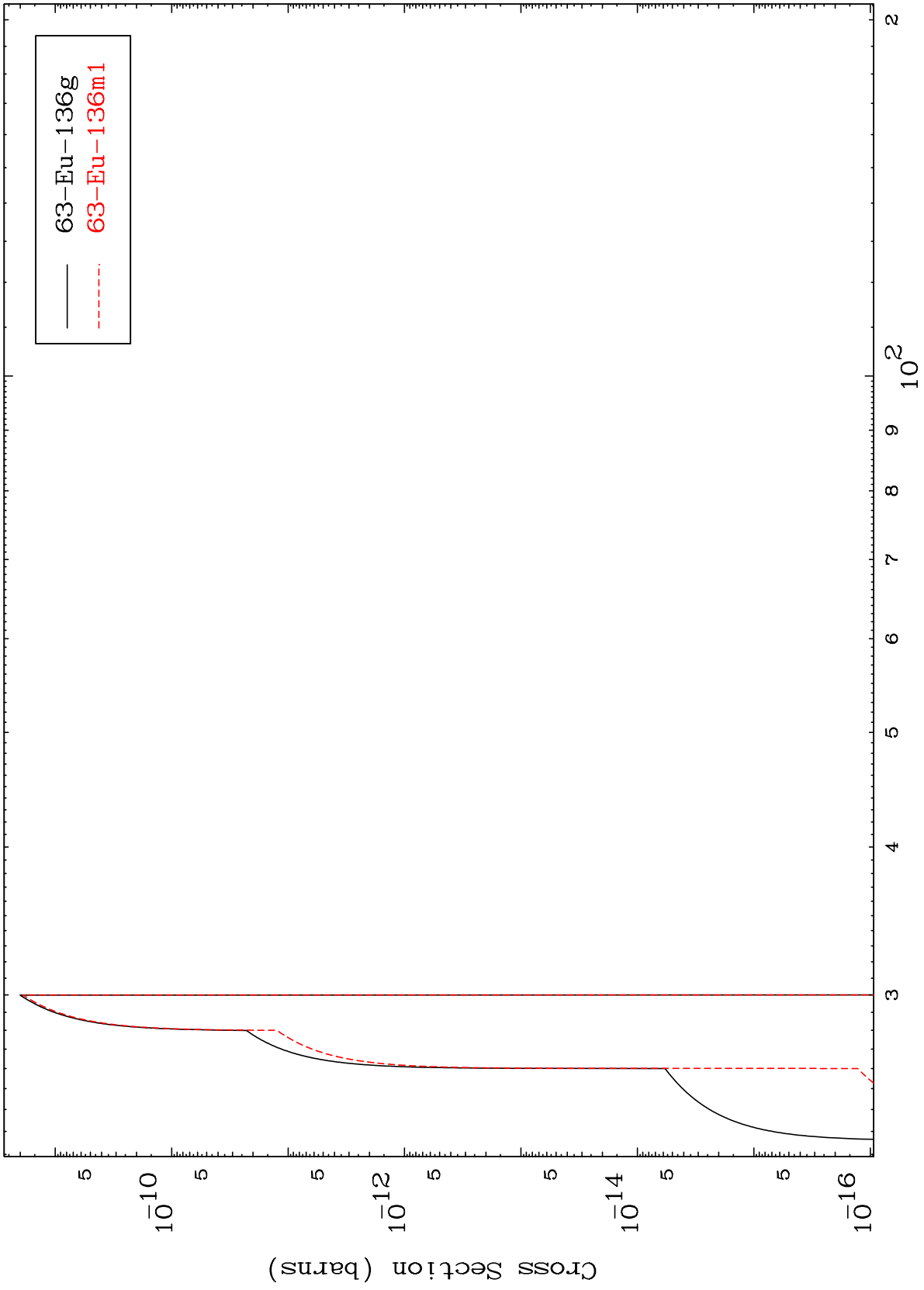
64-Gd-139

MAT 6386

(γ, n') d

64-Gd-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

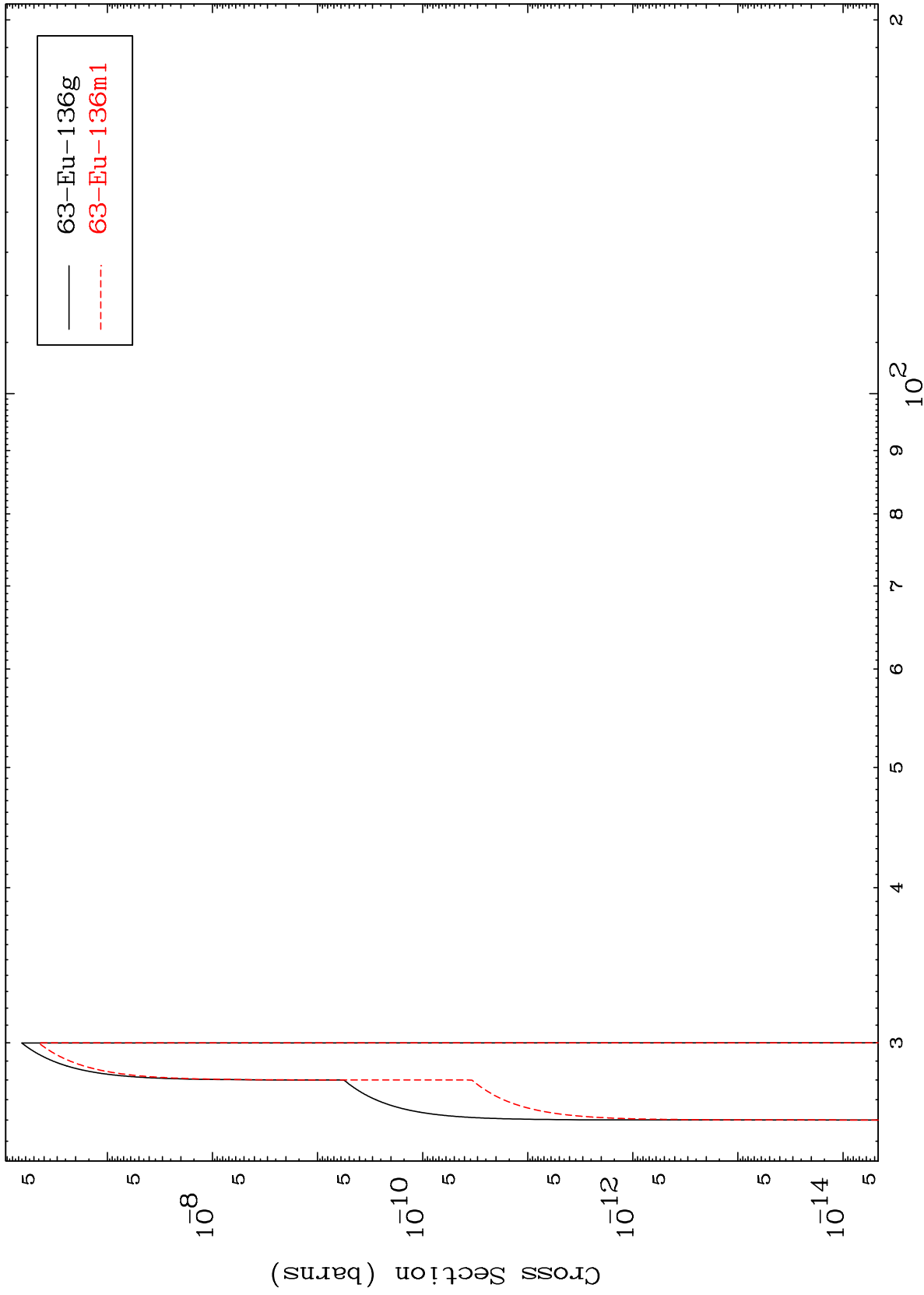
64-Gd-139

MAT 6386

($\gamma, 2n$) p

64-Gd-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

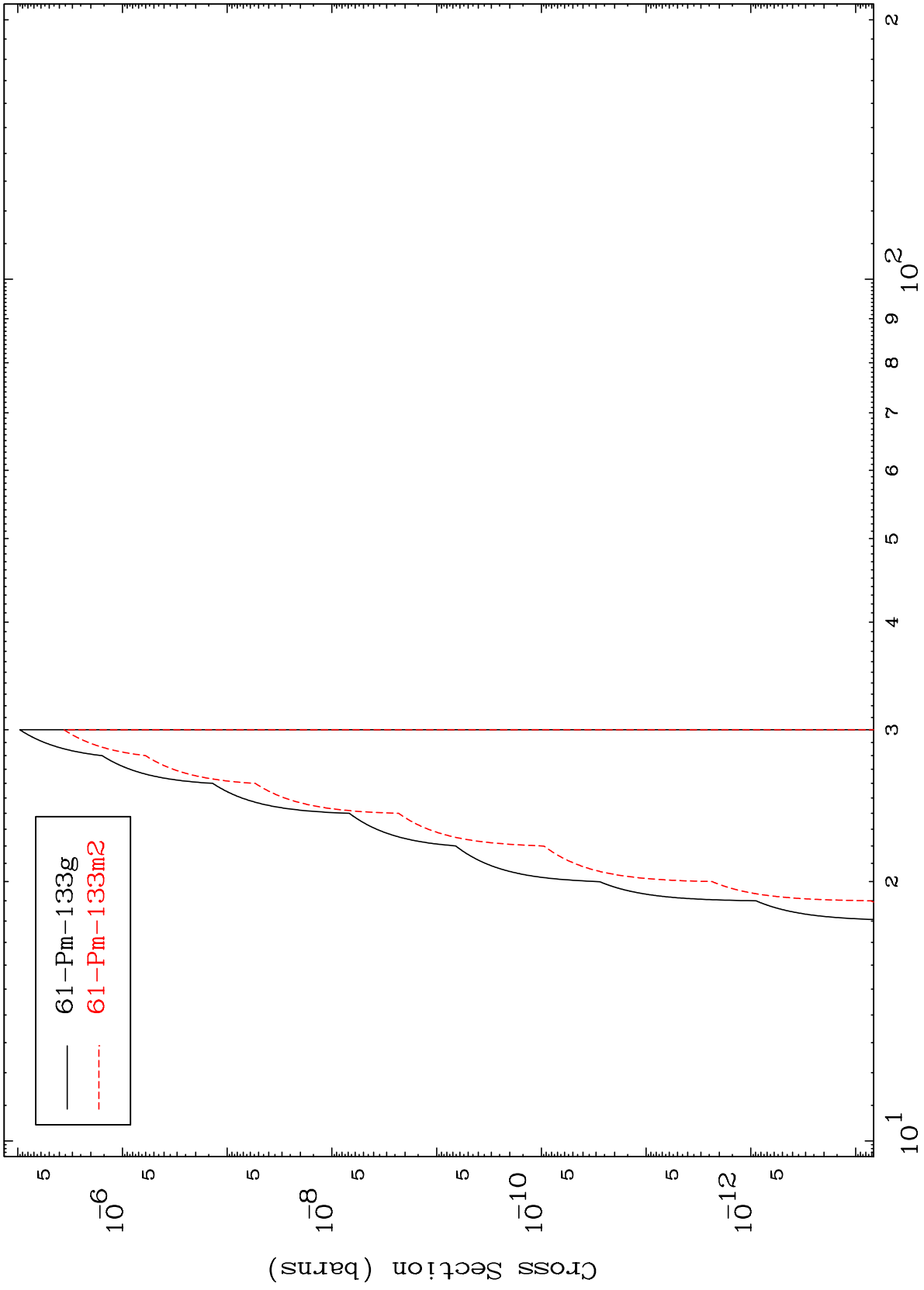
64-Gd-139

MAT 6386

(γ, n') p α

64-Gd-139

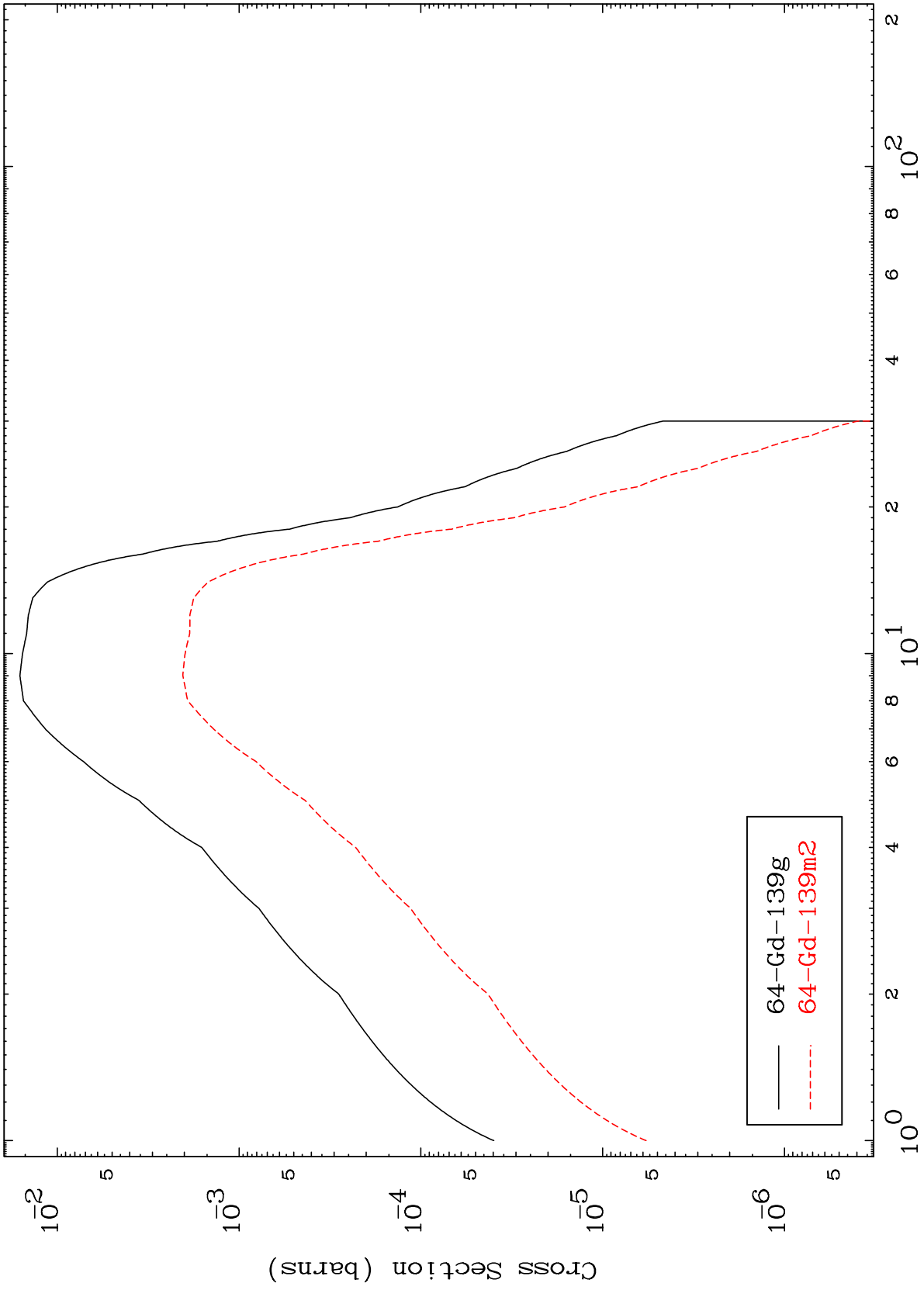
Radionuclide Production Cross Section



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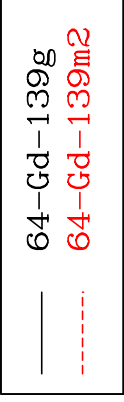
Radionuclide Production Cross Section
(γ, γ)

64-Gd-139



Incident Energy (MeV)

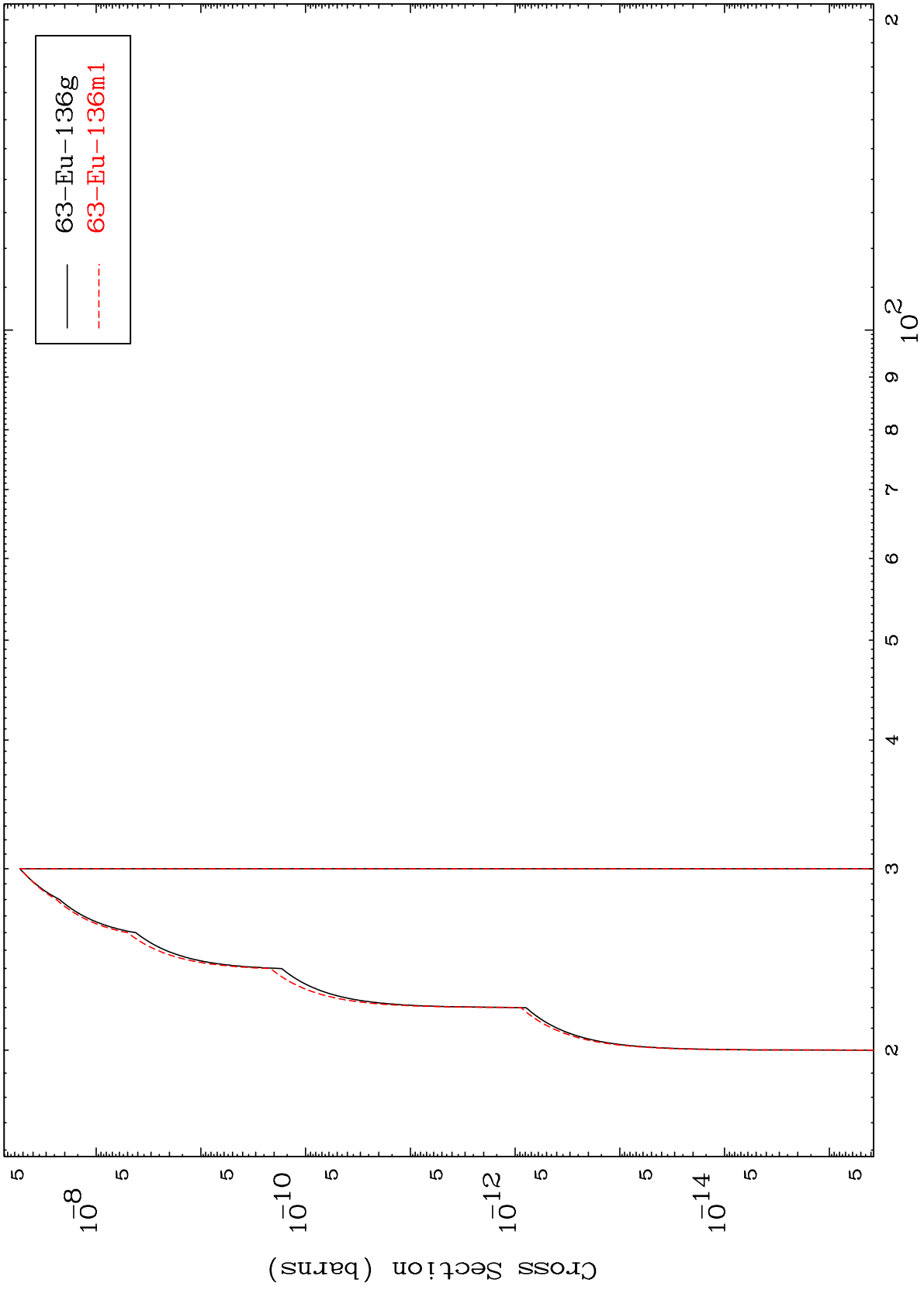
64-Gd-139



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64-Gd-139

(γ, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

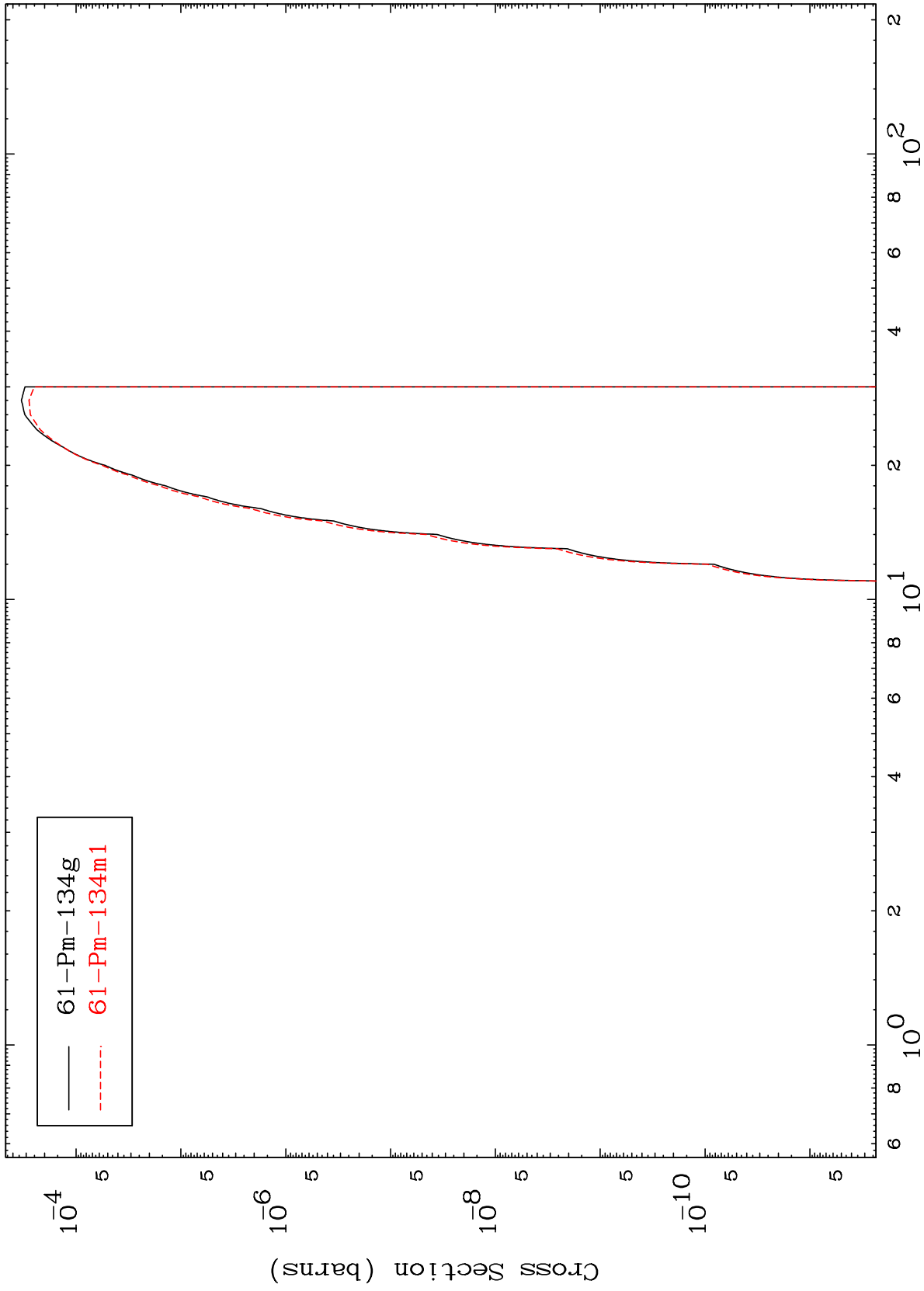
64-Gd-139

MAT 6386

(γ, p) α

64-Gd-139

Radionuclide Production Cross Section



17

Incident Energy (MeV)

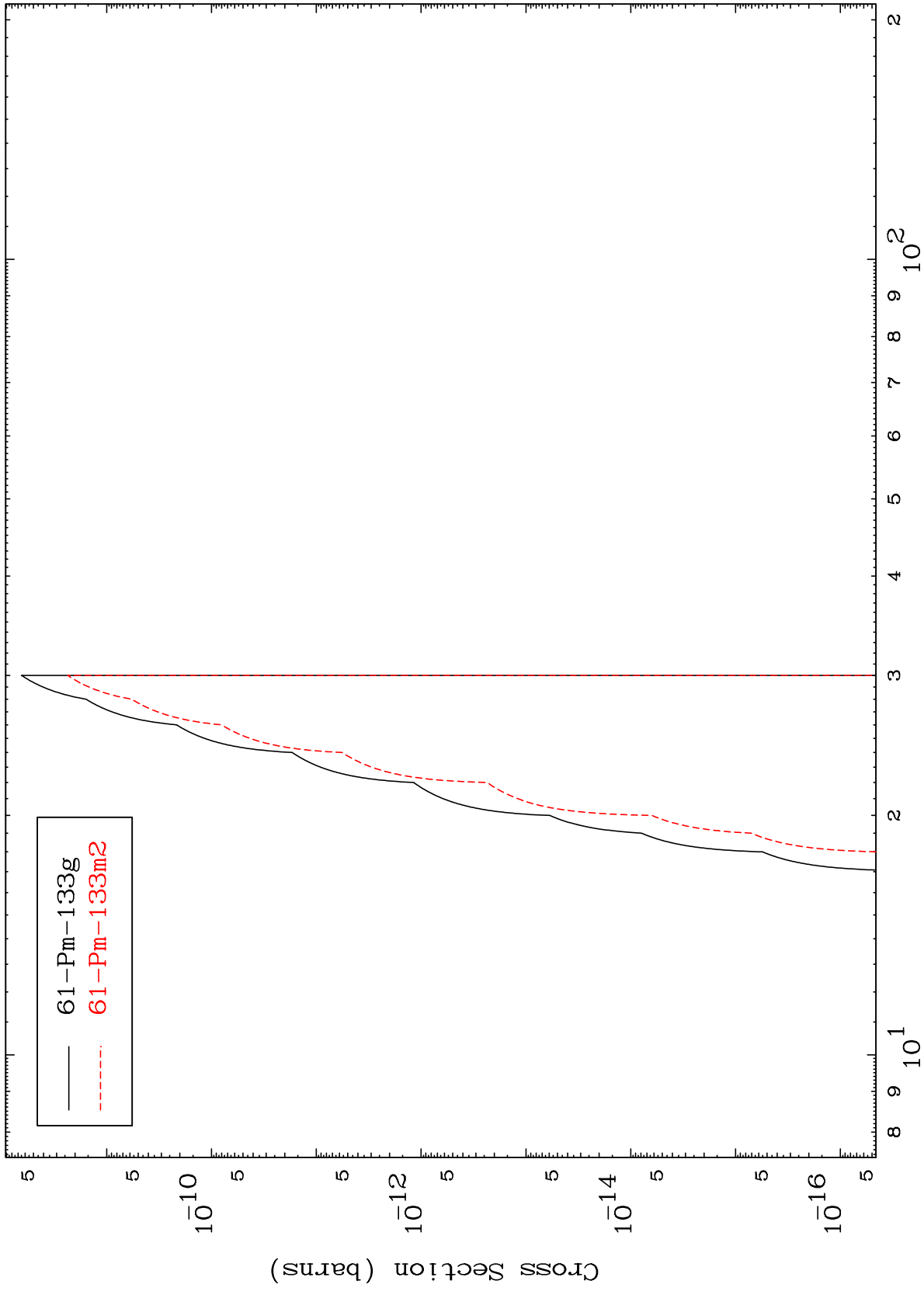
64-Gd-139

MAT 6386

(γ, d) α

64-Gd-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

64-Gd-139