

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

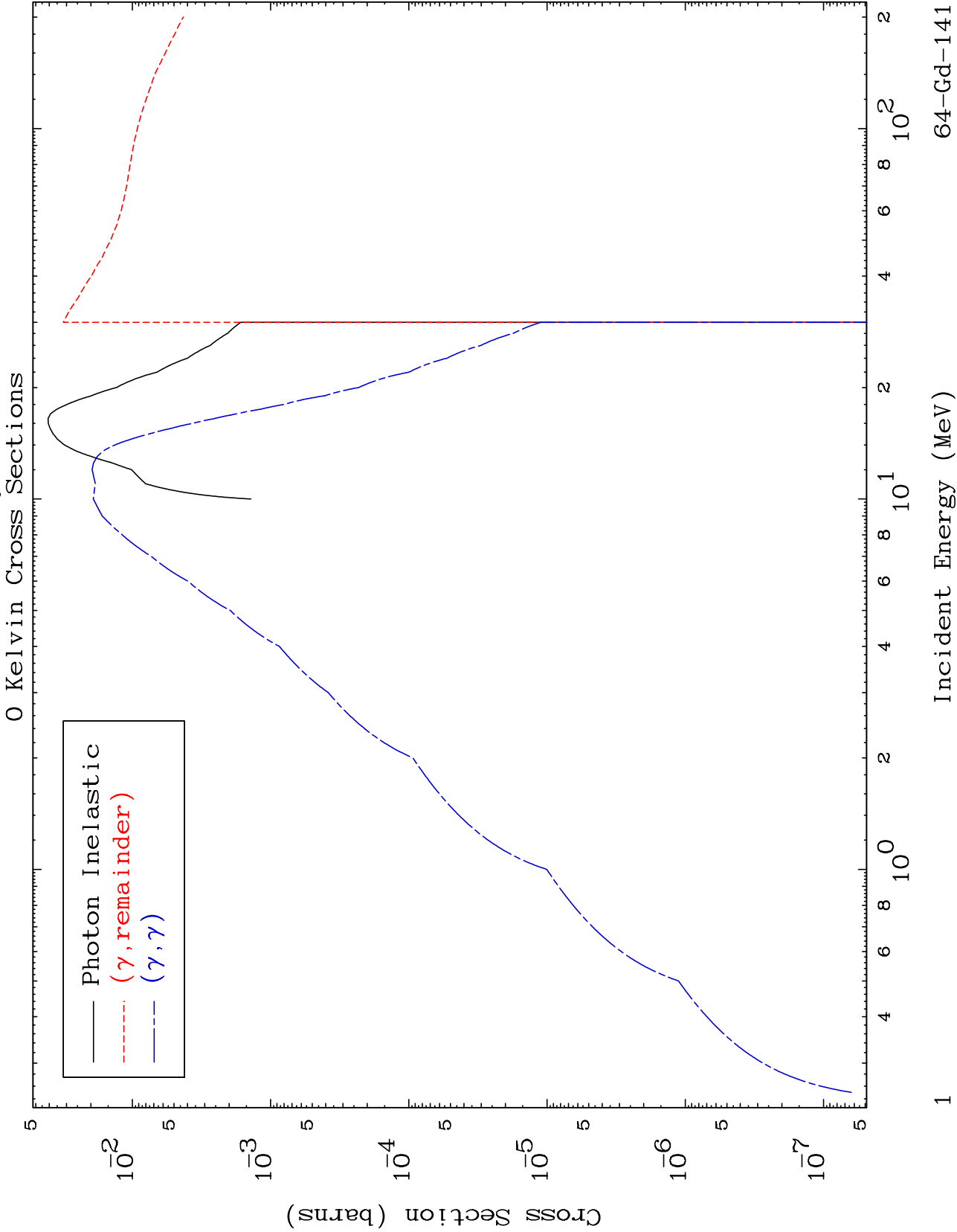
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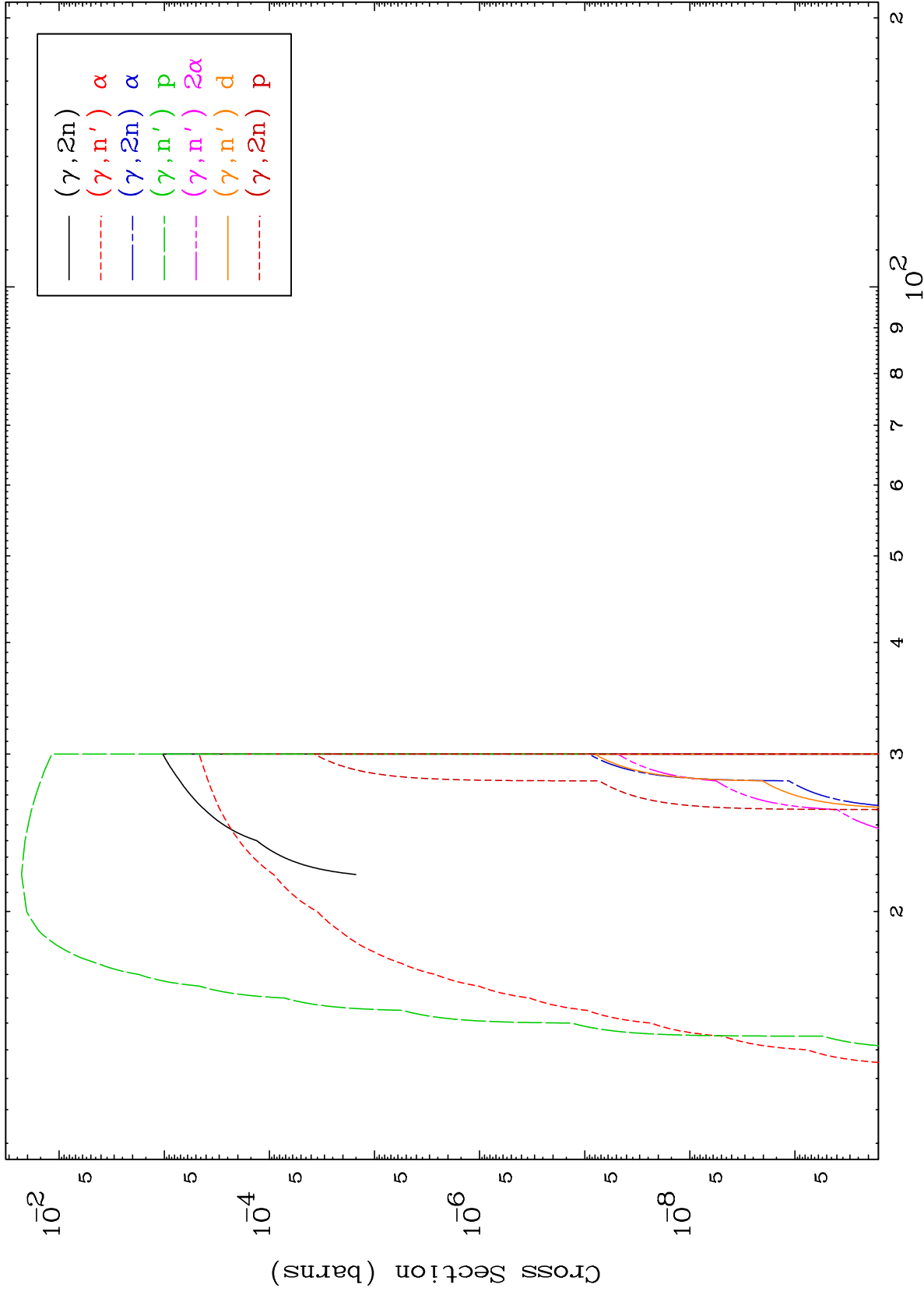
Press Mouse Button to Start

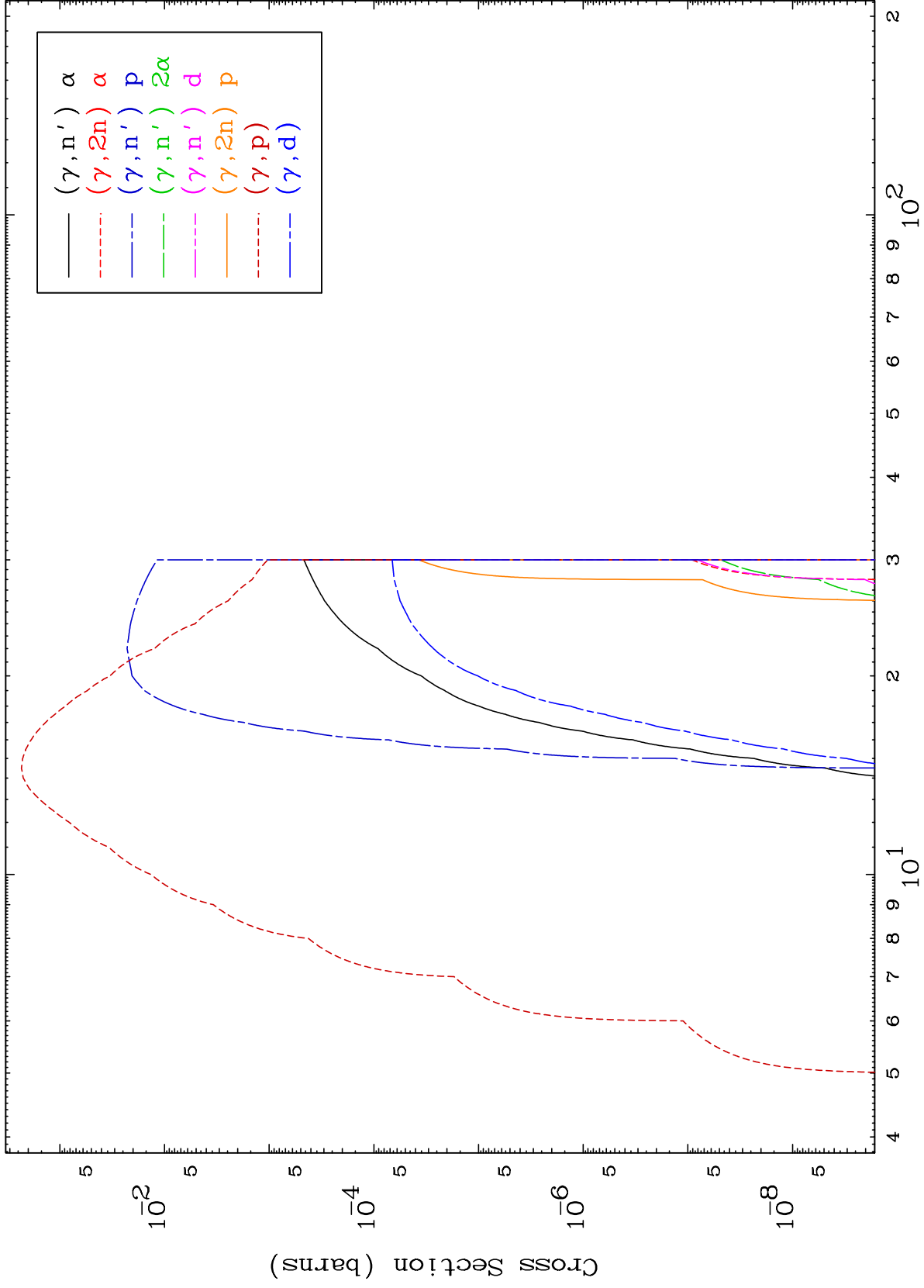
MAT 6393

Photon Major

64-Gd-141



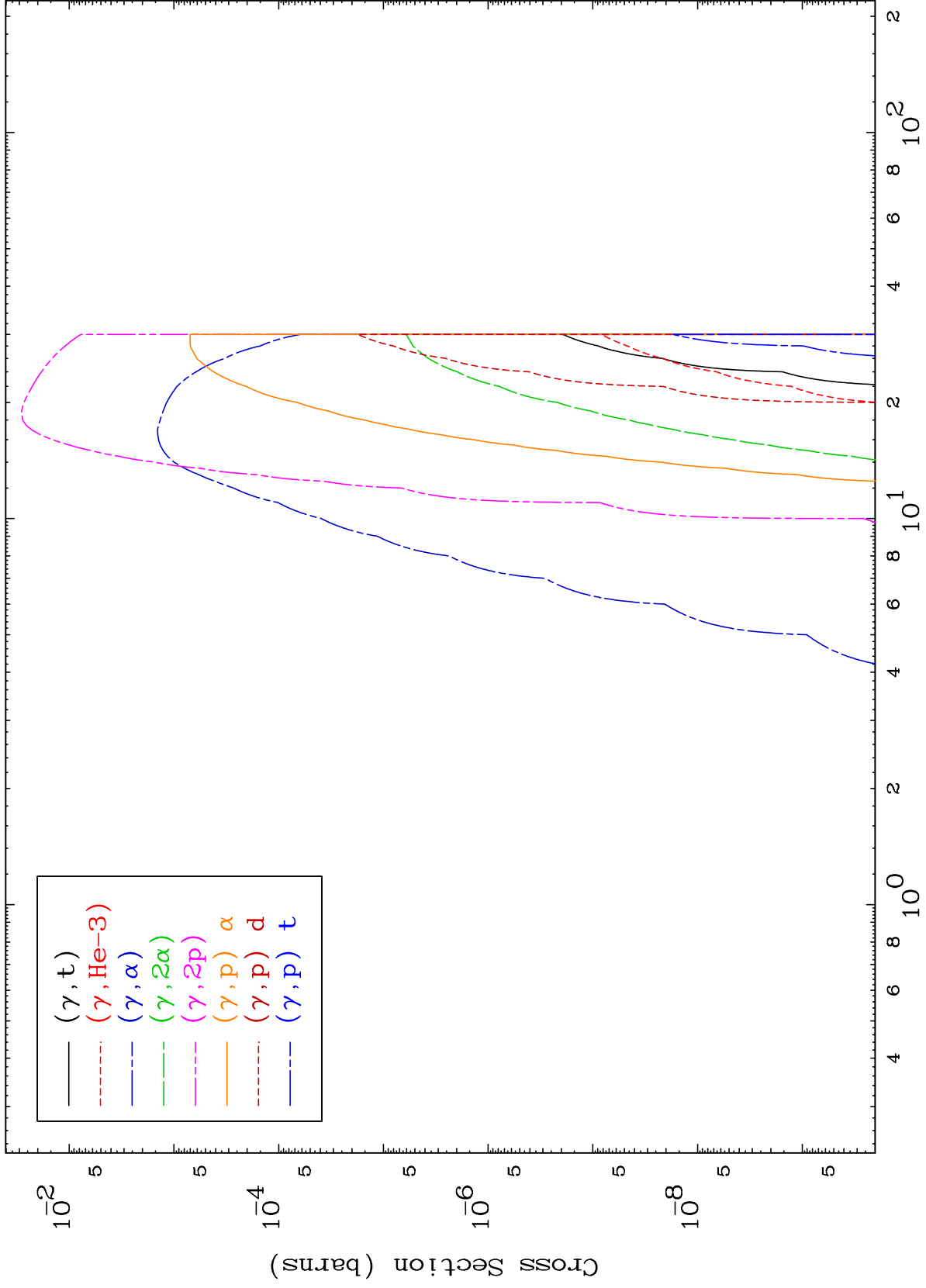




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Photon Charged Particle
0 Kelvin Cross Sections

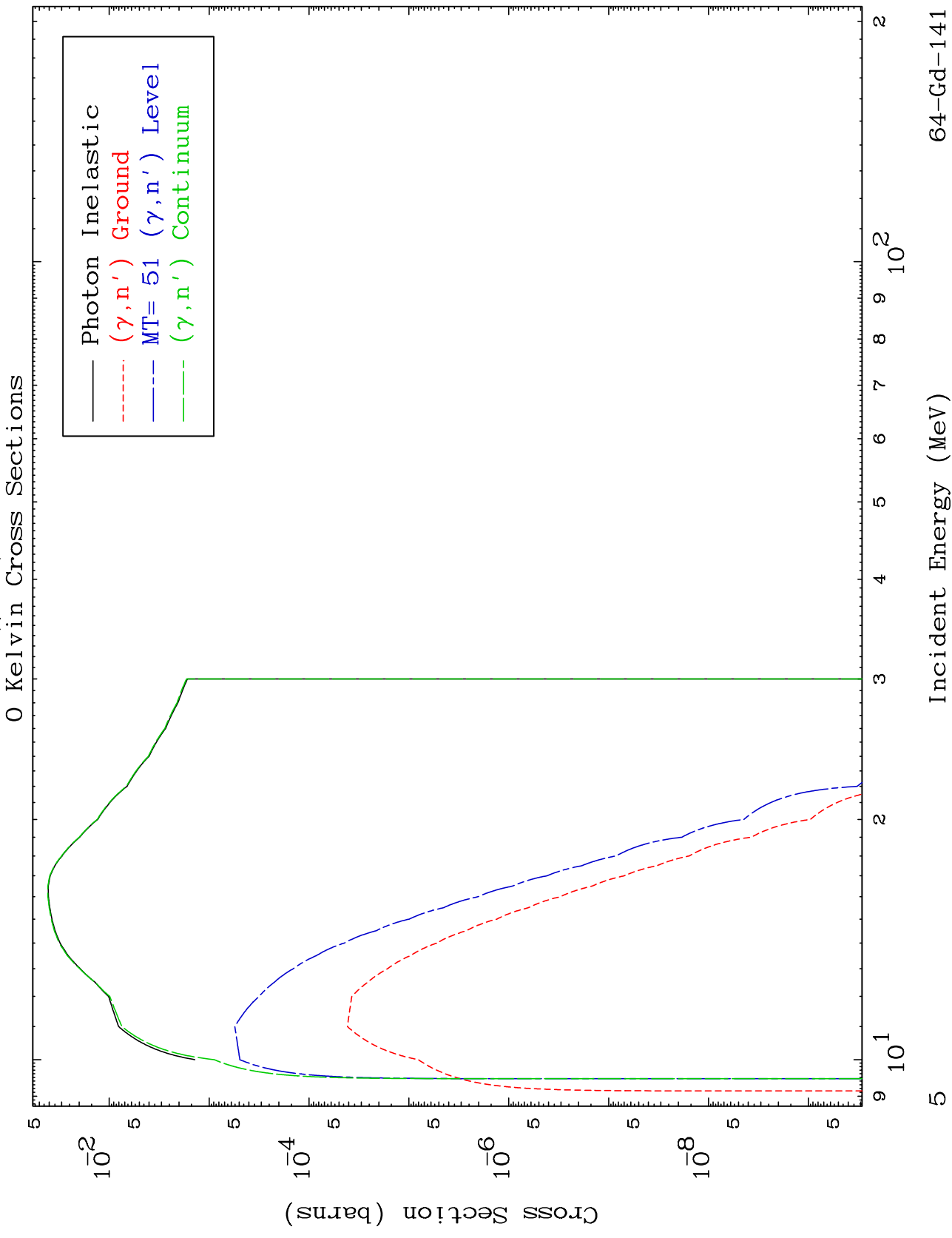
64-Gd-141



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(γ, n') Level

64-Gd-141

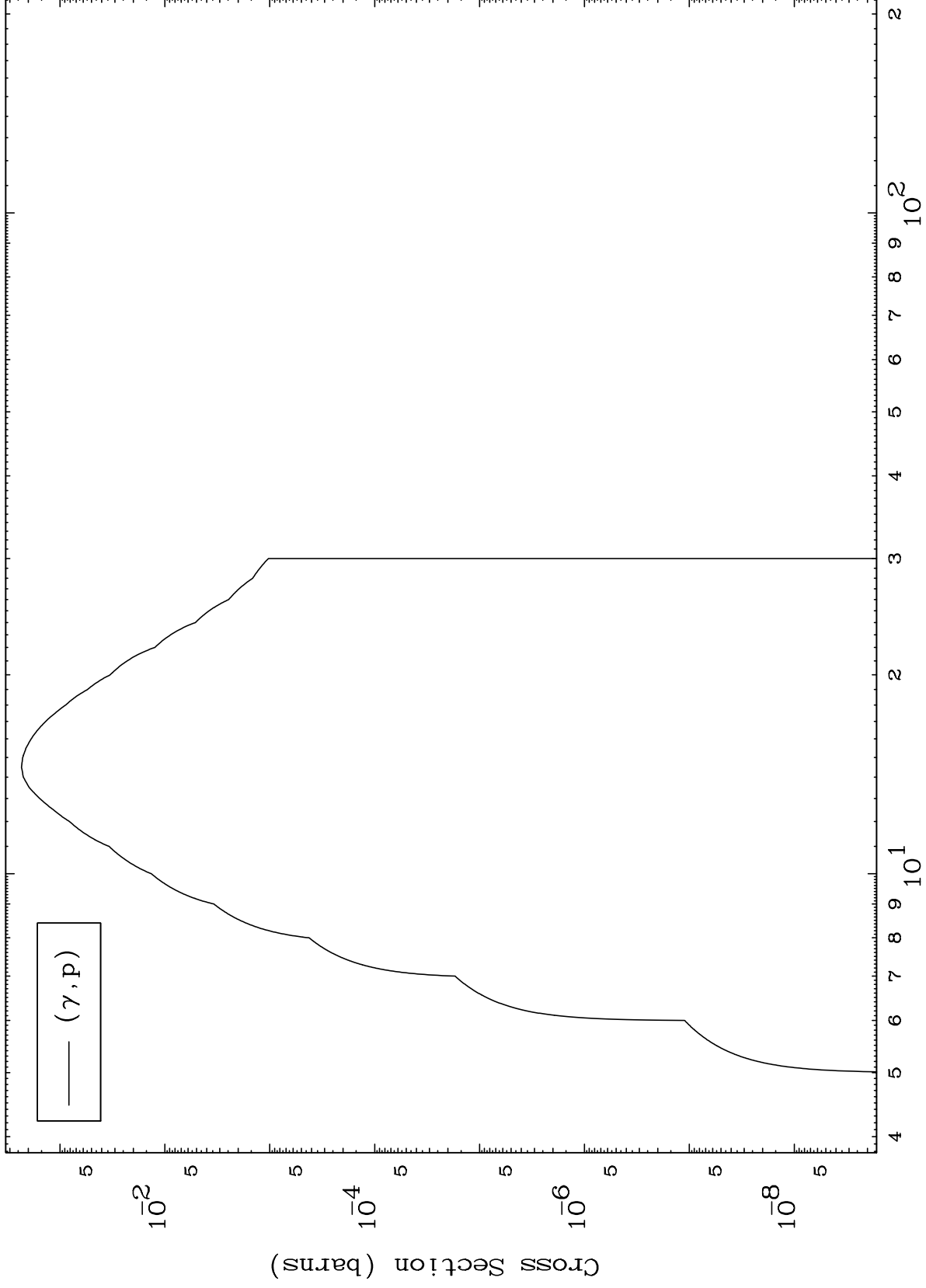


64-Gd-141

MAT 6393

(γ, p) Levels
0 Kelvin Cross Sections

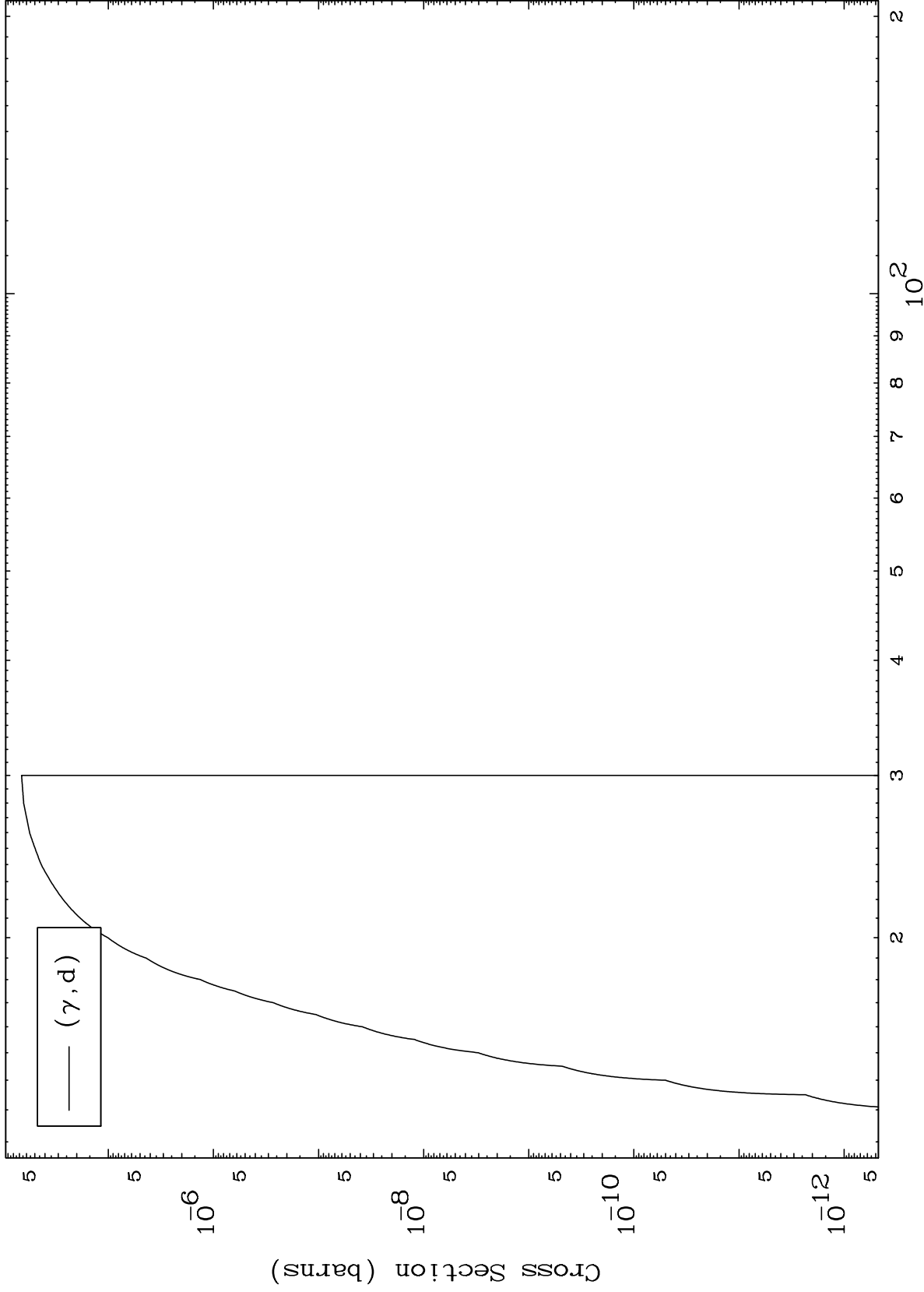
64-Gd-141

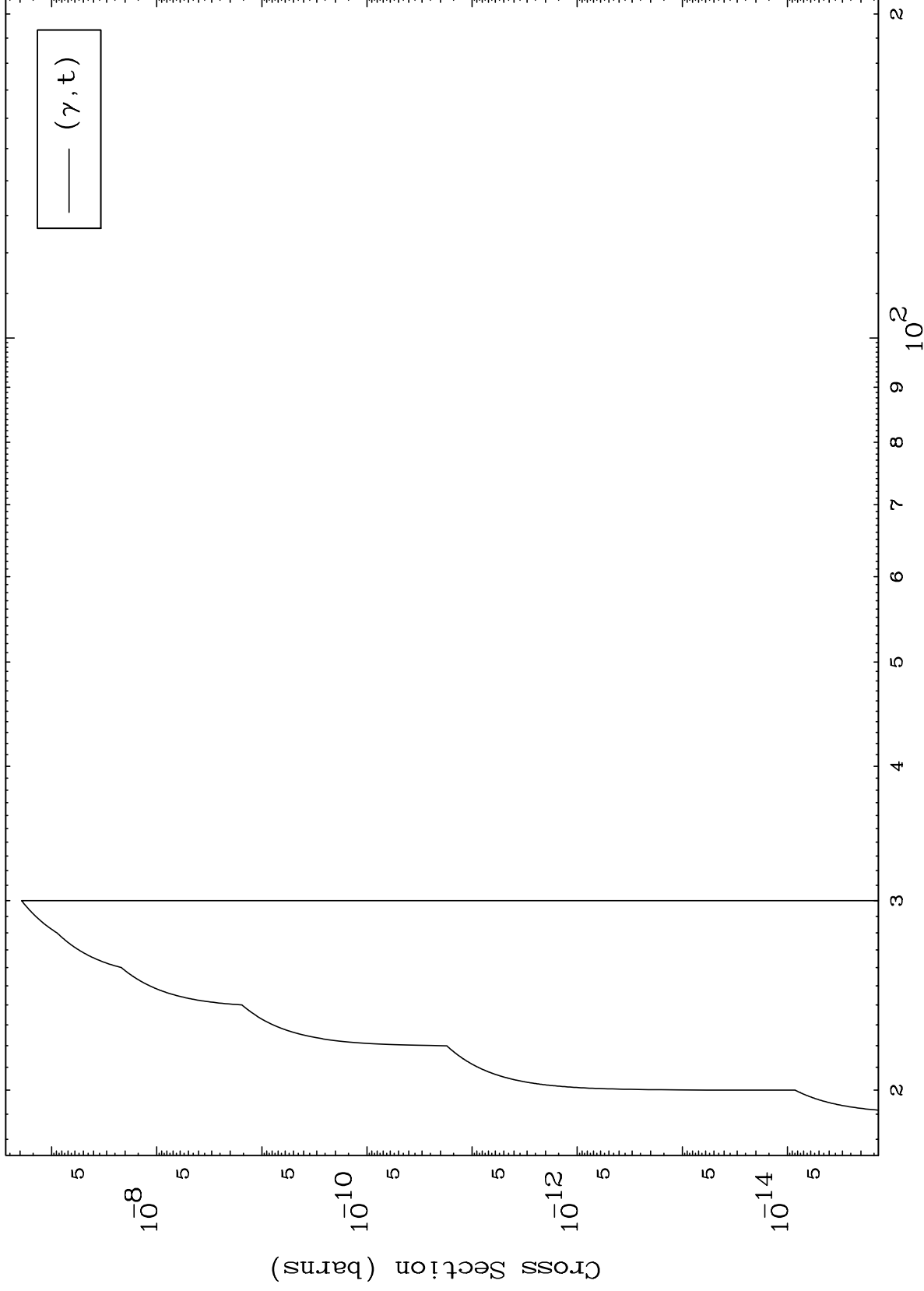


Incident Energy (MeV)

64-Gd-141

6



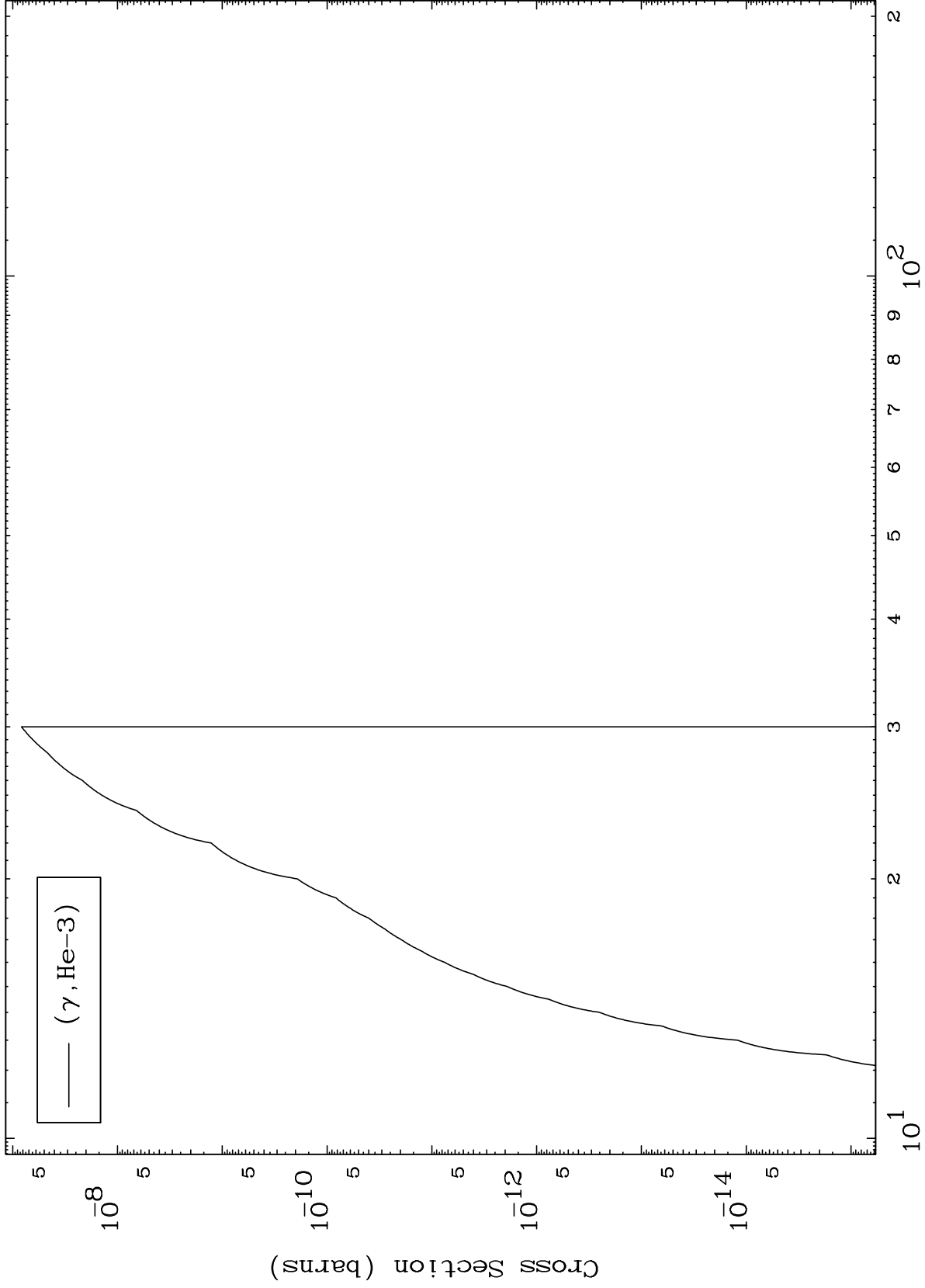


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($\gamma, \text{He}3$) Levels

64-Gd-141

0 Kelvin Cross Sections



Incident Energy (MeV)

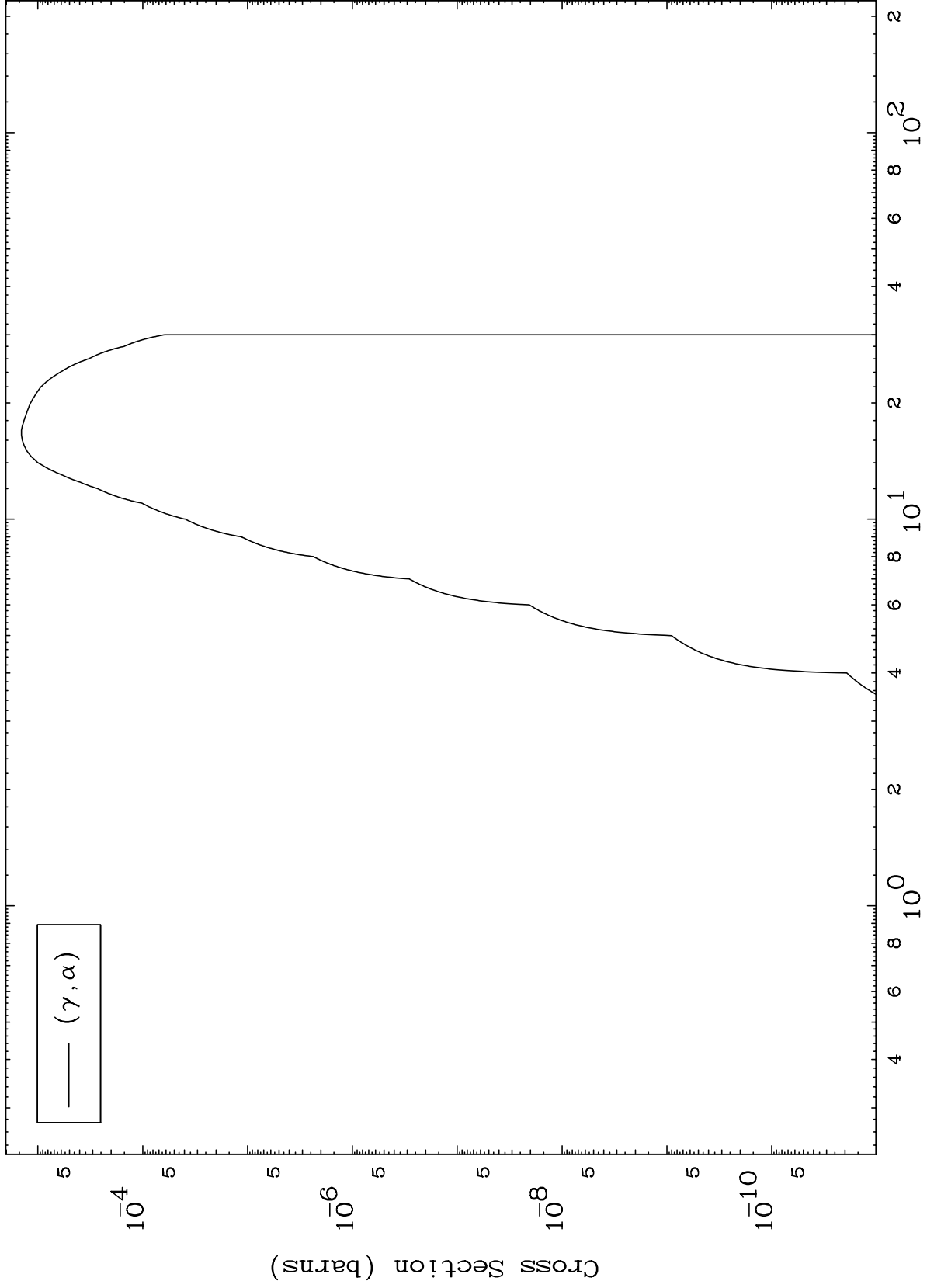
64-Gd-141

MAT 6393

(γ, α) Levels

64-Gd-141

0 Kelvin Cross Sections



10

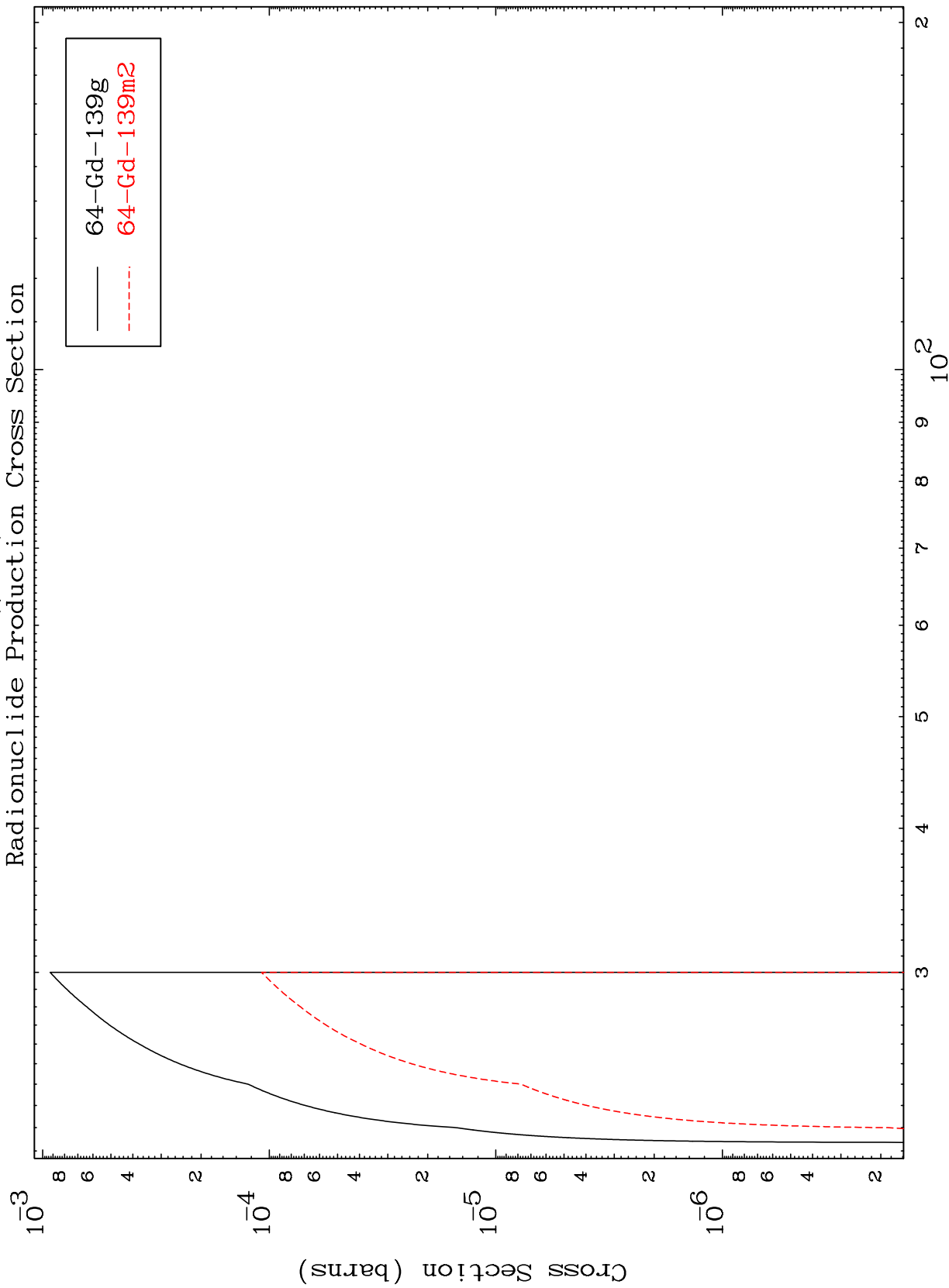
Incident Energy (MeV)

64-Gd-141

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64-Gd-141

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

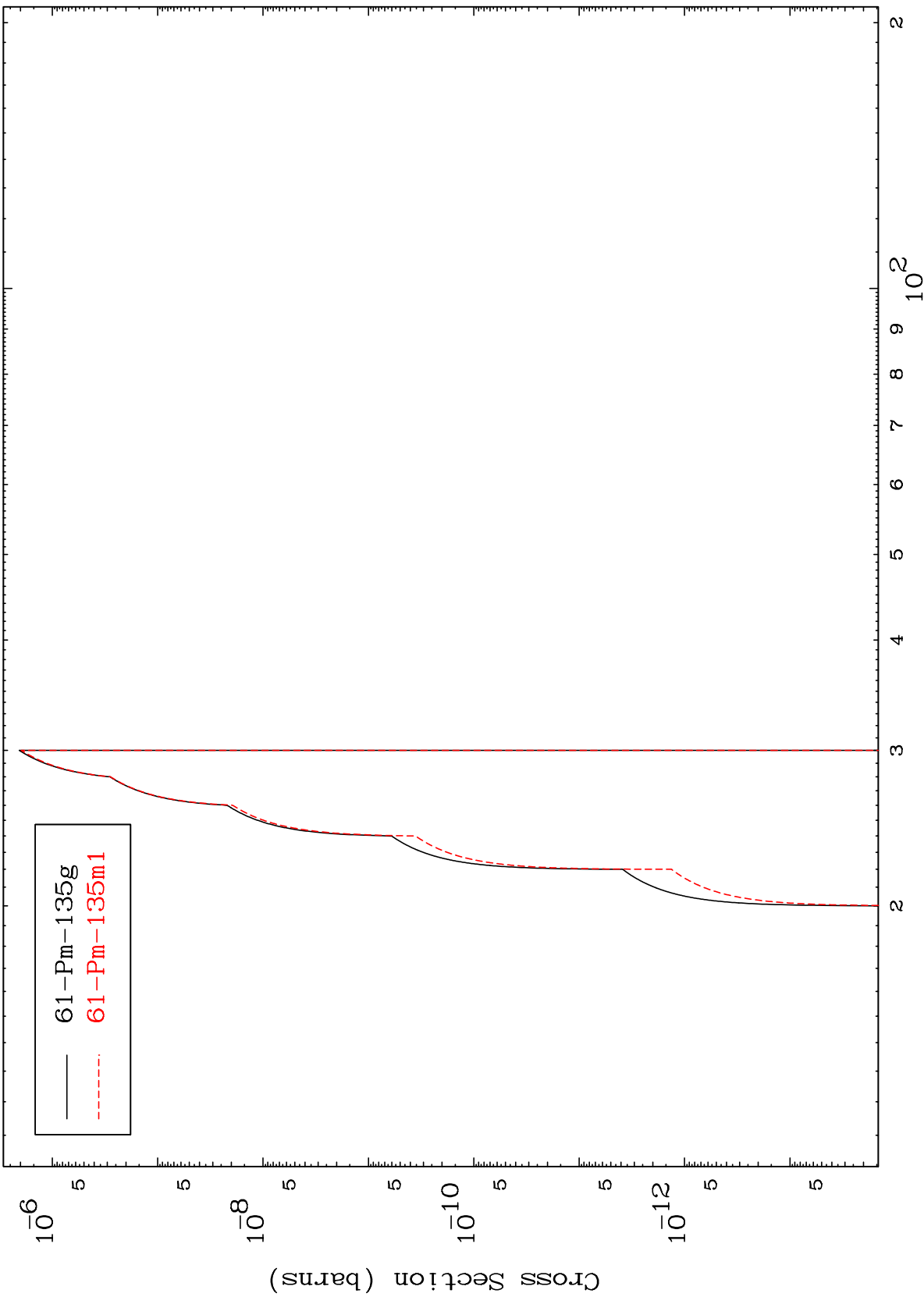


64-Gd-141

Incident Energy (MeV)

11

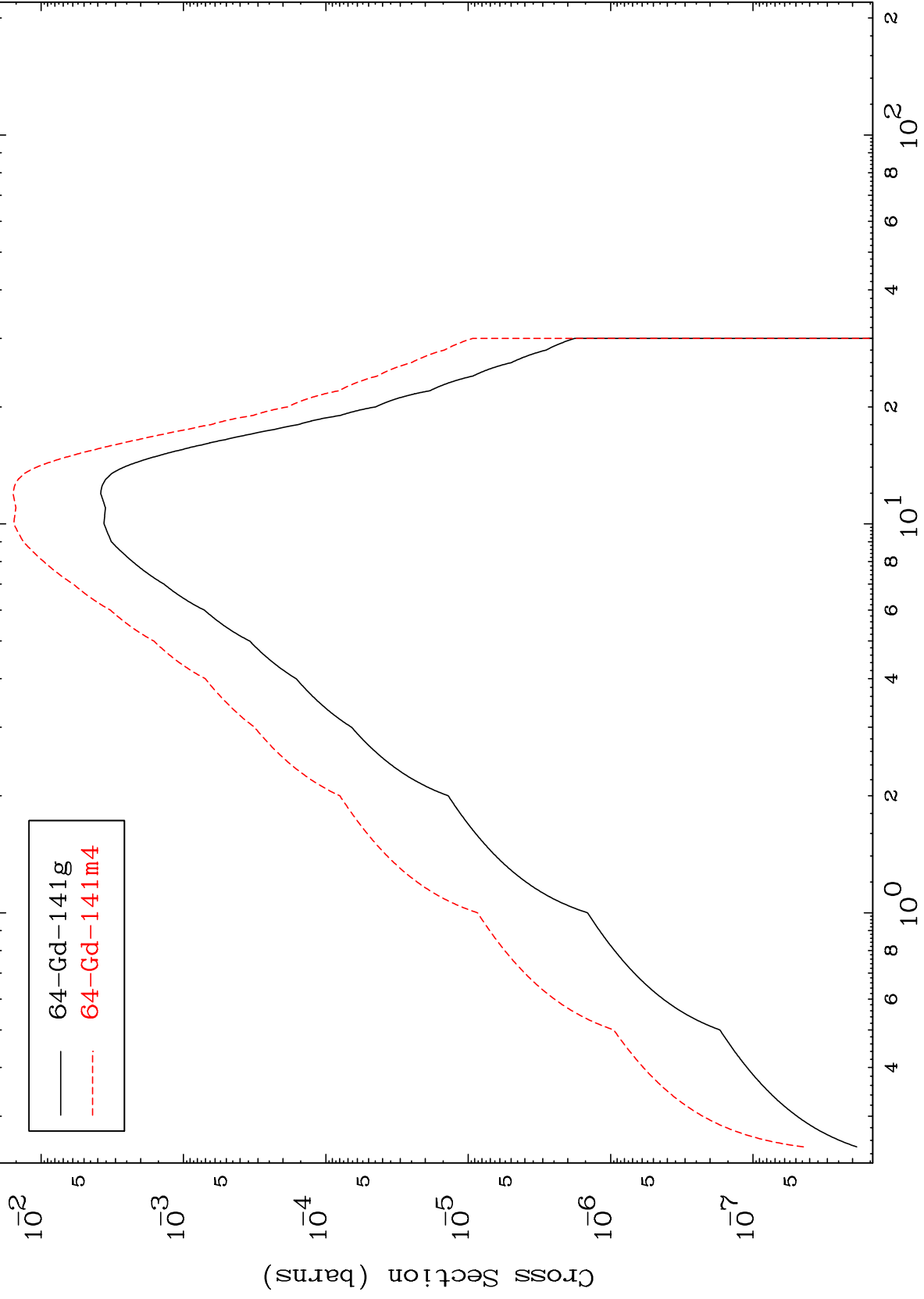
Radionuclide Production Cross Section



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64-Gd-141

(γ, γ)
Radionuclide Production Cross Section



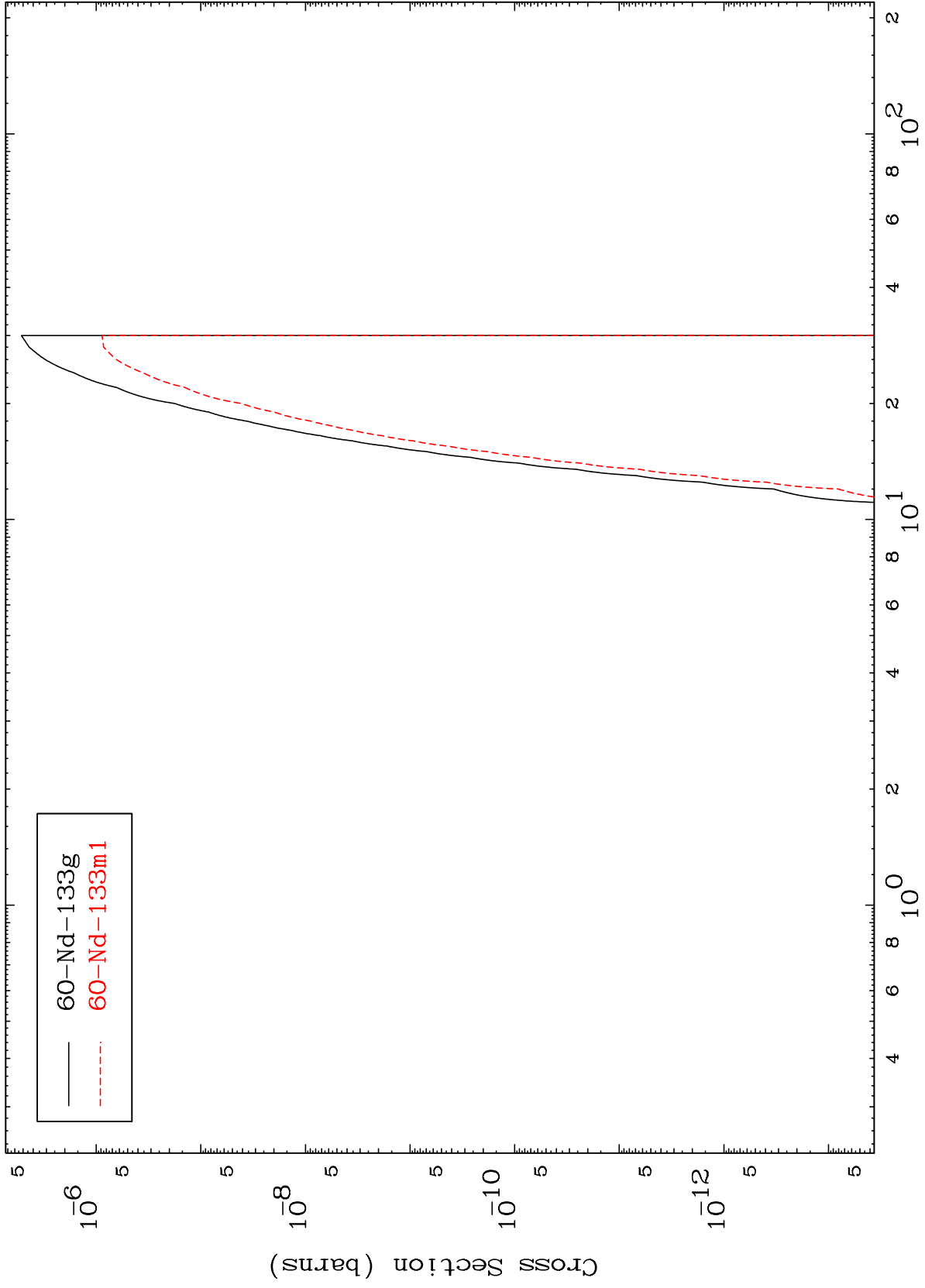
— 64-Gd-141 g
- - - 64-Gd-141 m4

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($\gamma, 2\alpha$)

64-Gd-141

Radionuclide Production Cross Section

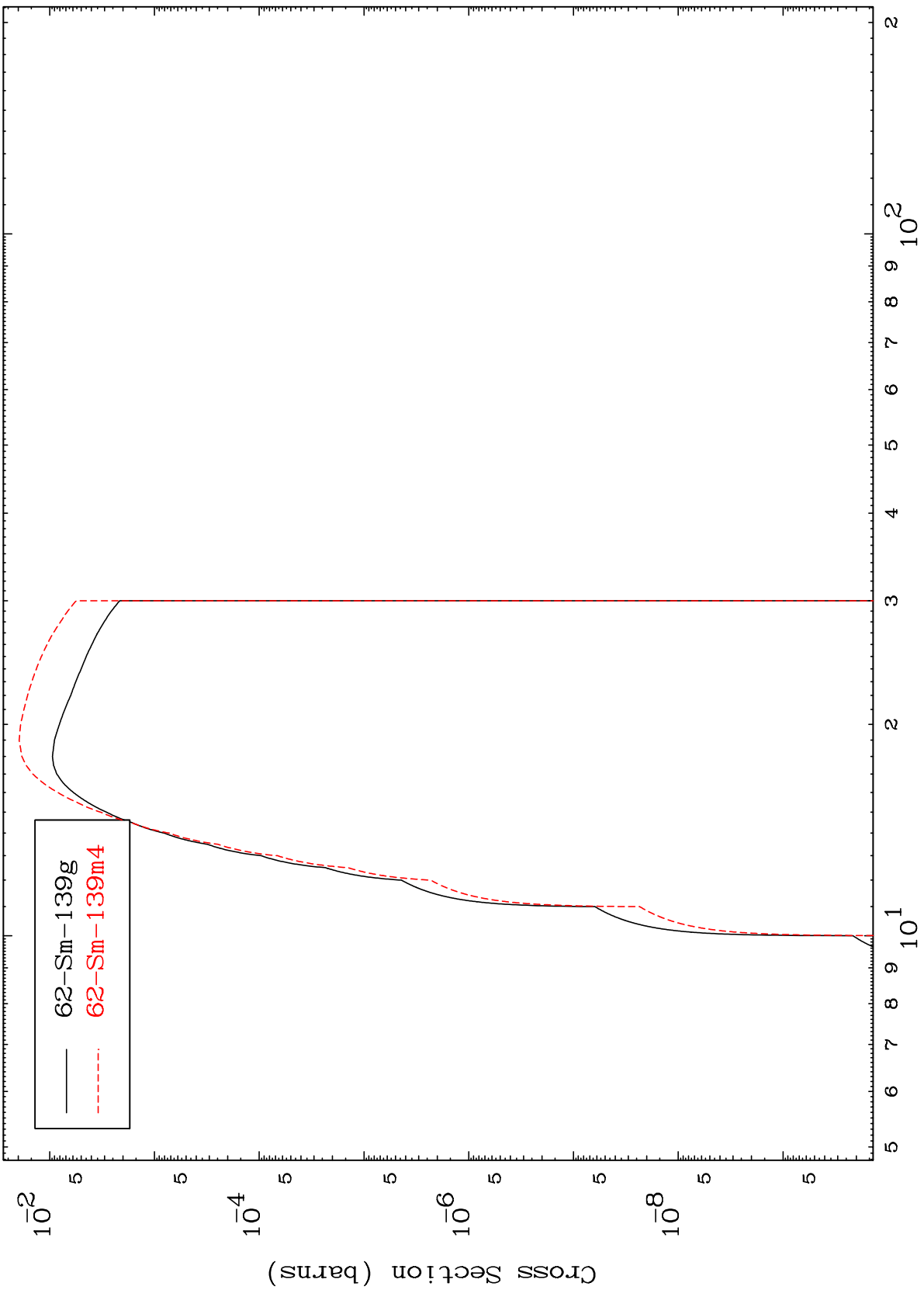


60-Nd-133g
60-Nd-133m1

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64-Gd-141

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



62-Sm-139g
62-Sm-139m4

15

Incident Energy (MeV)

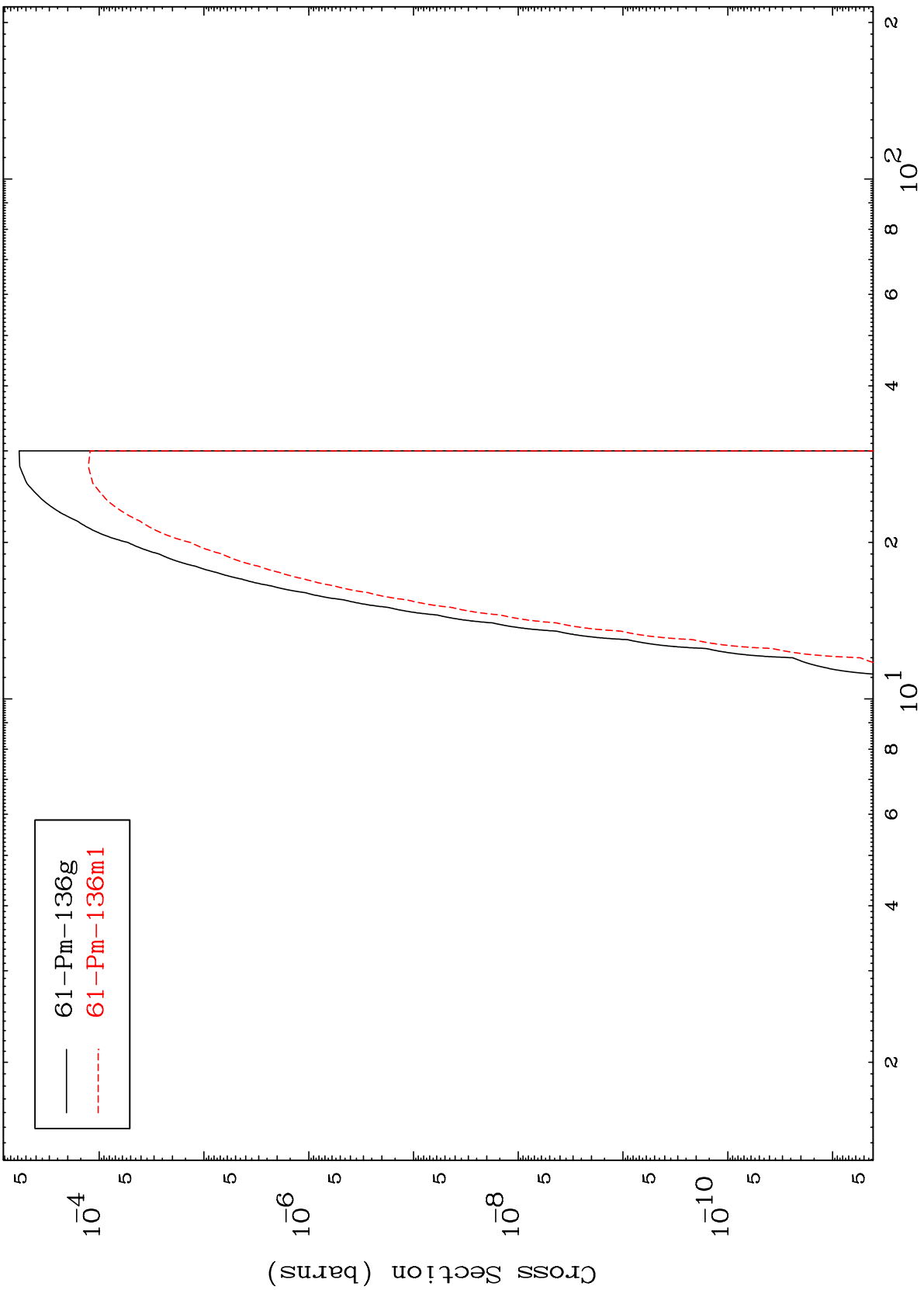
64-Gd-141

MAT 6393

(γ, p) α

64-Gd-141

Radionuclide Production Cross Section



16

Incident Energy (MeV)

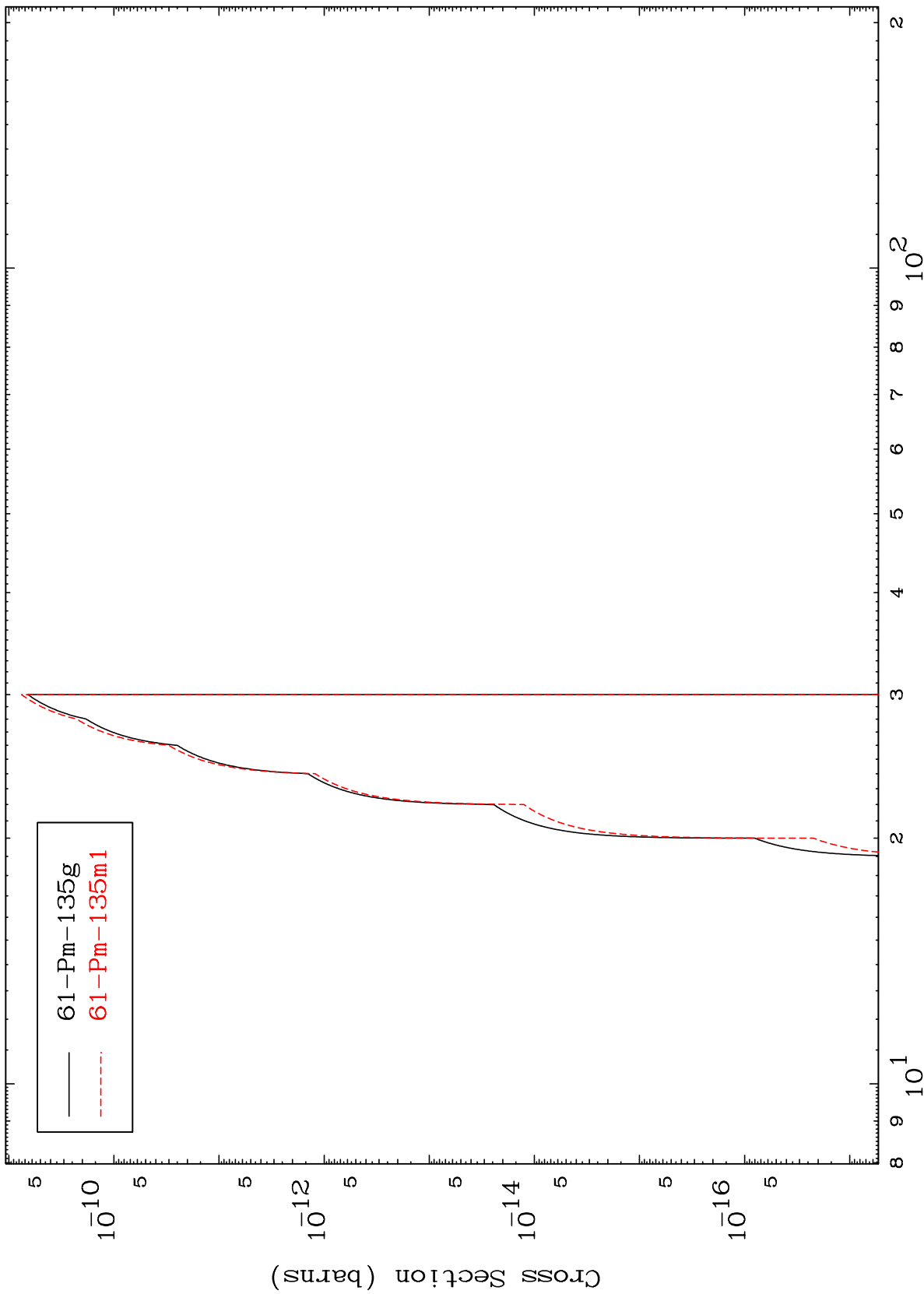
64-Gd-141

MAT 6393

(γ, d) α

64-Gd-141

Radionuclide Production Cross Section



17

Incident Energy (MeV)

64-Gd-141