

Program EVALPLOT
(Version 2018-1)

by

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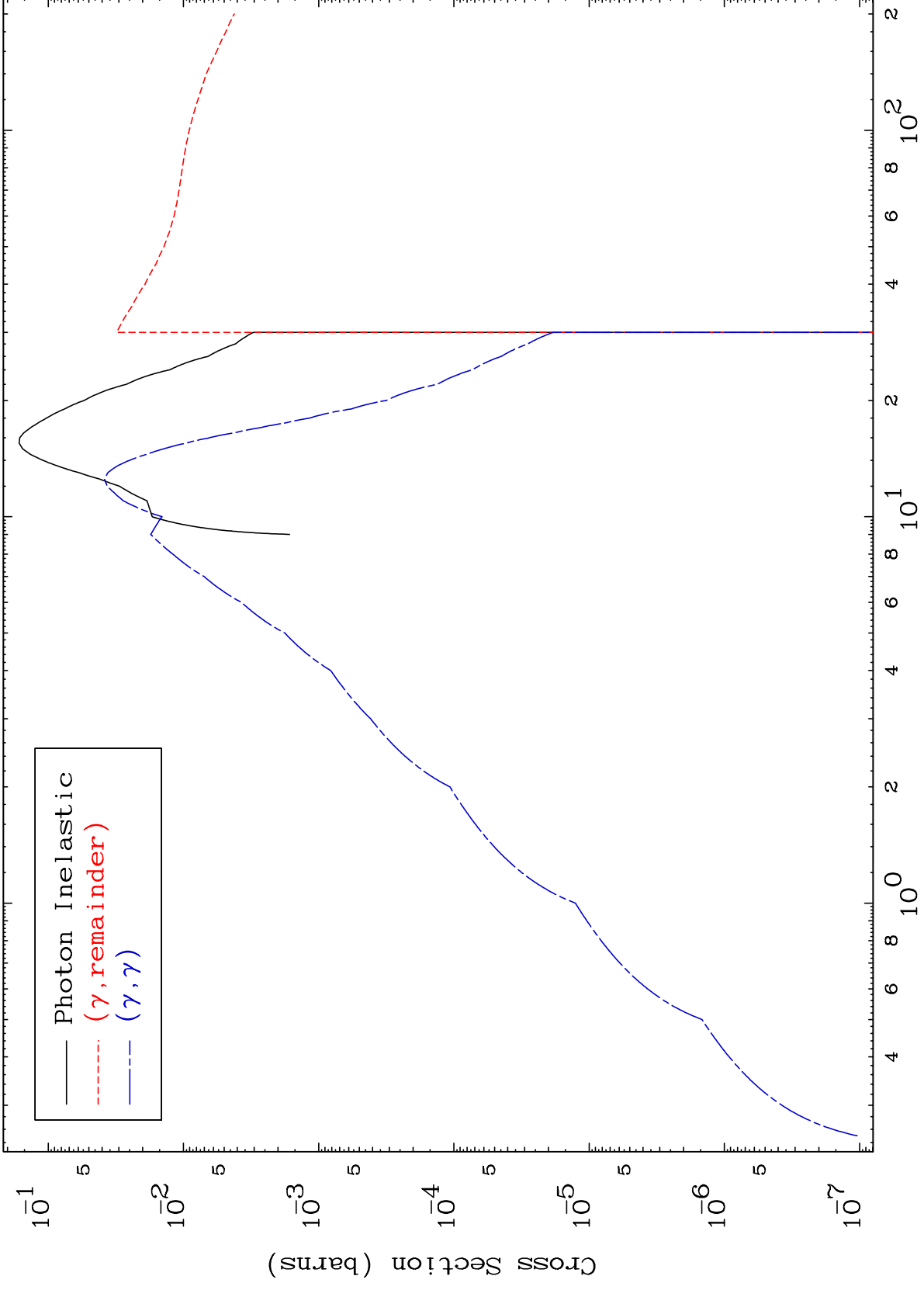
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

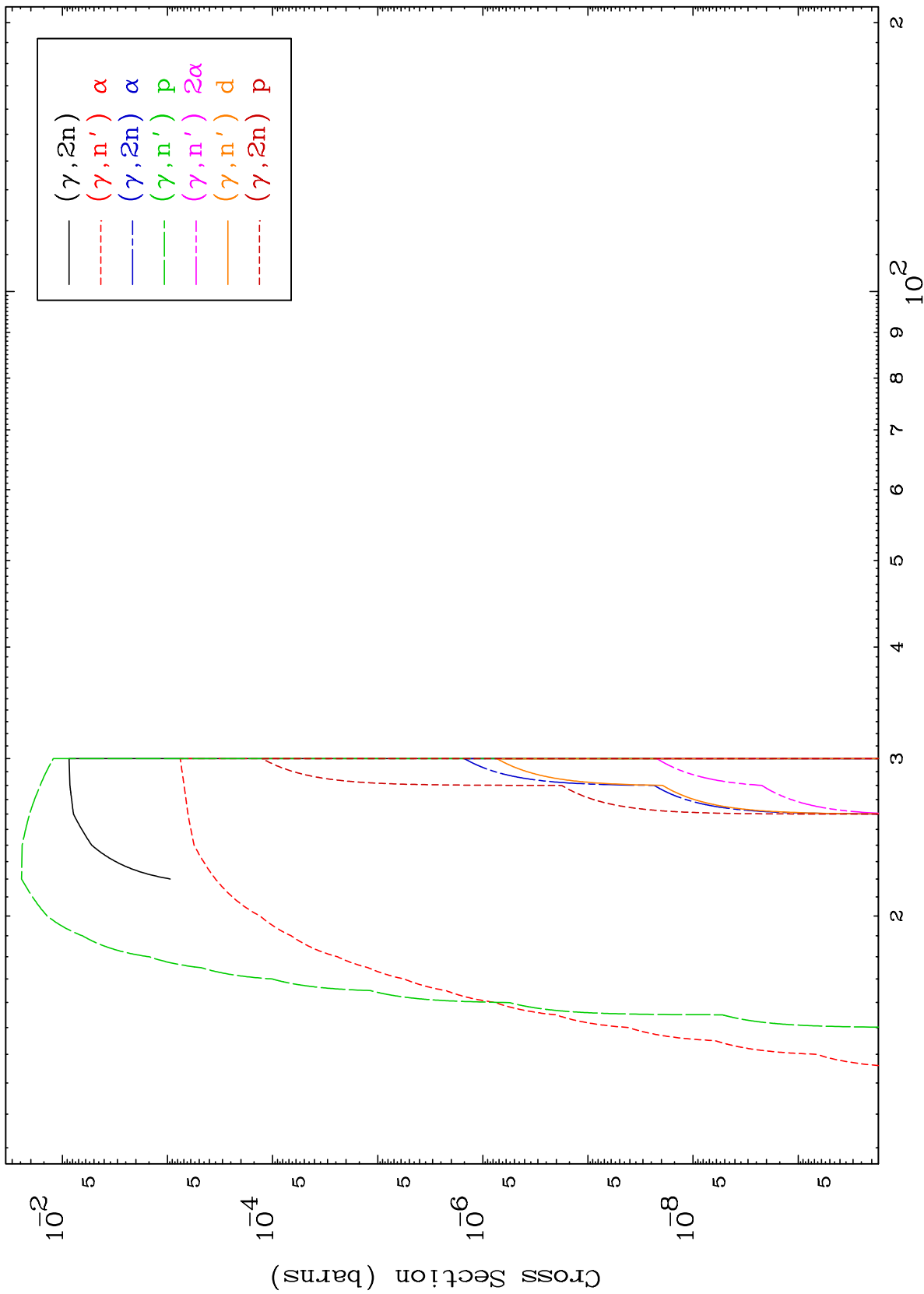
MAT 6210

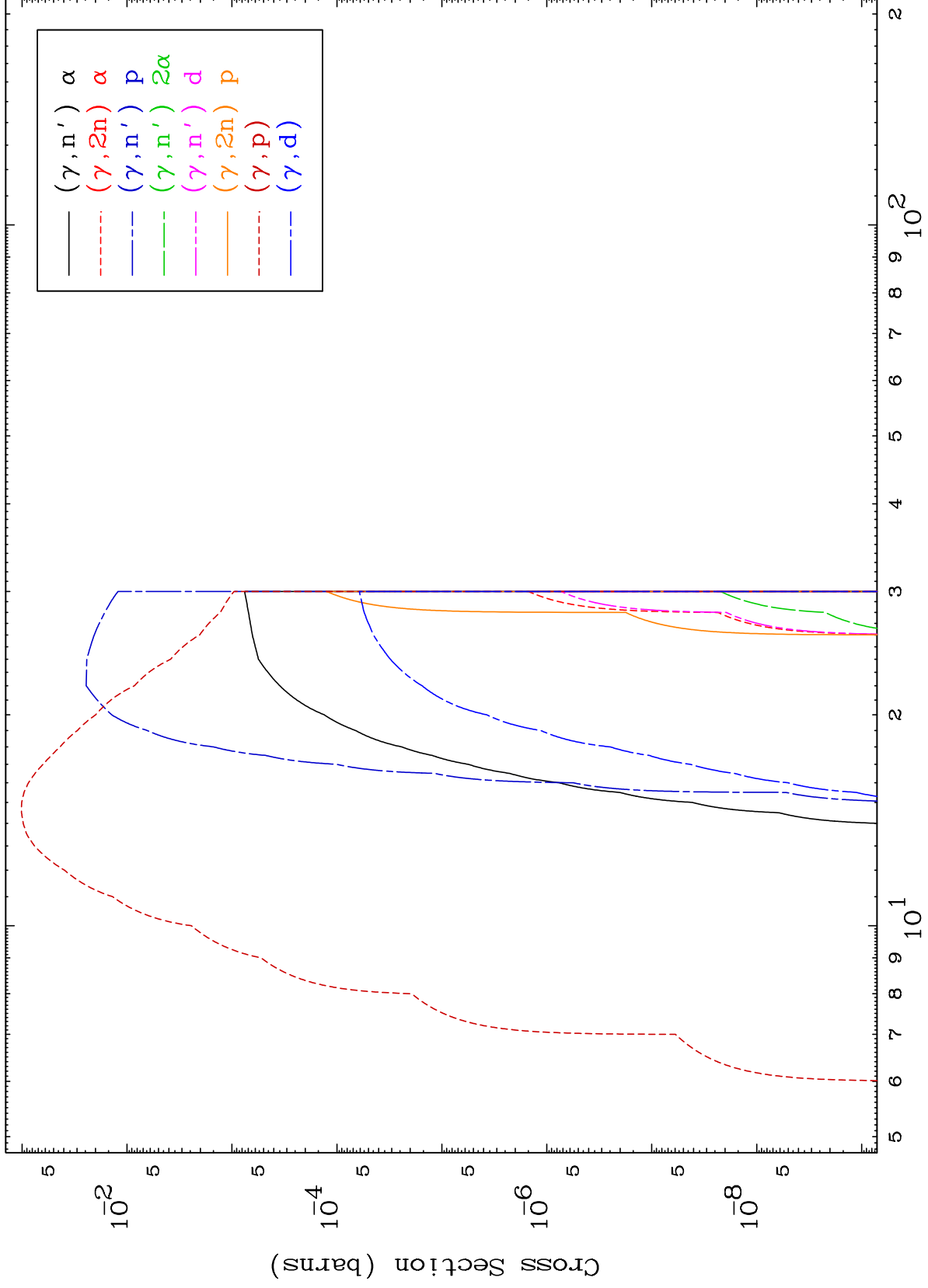
Photon Major
0 Kelvin Cross Sections

62-Sm-139



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

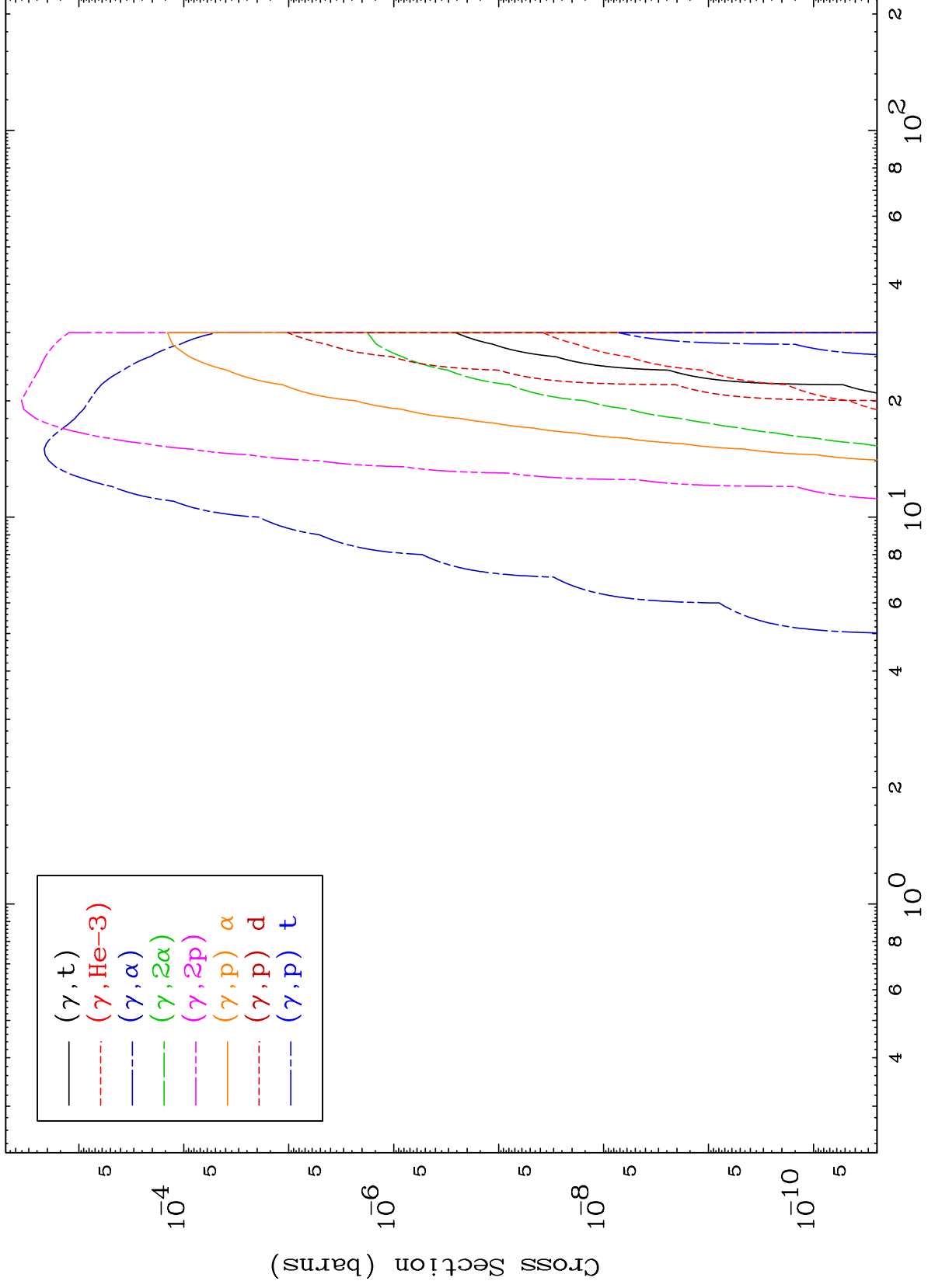




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Photon Charged Particle
0 Kelvin Cross Sections

62-Sm-139

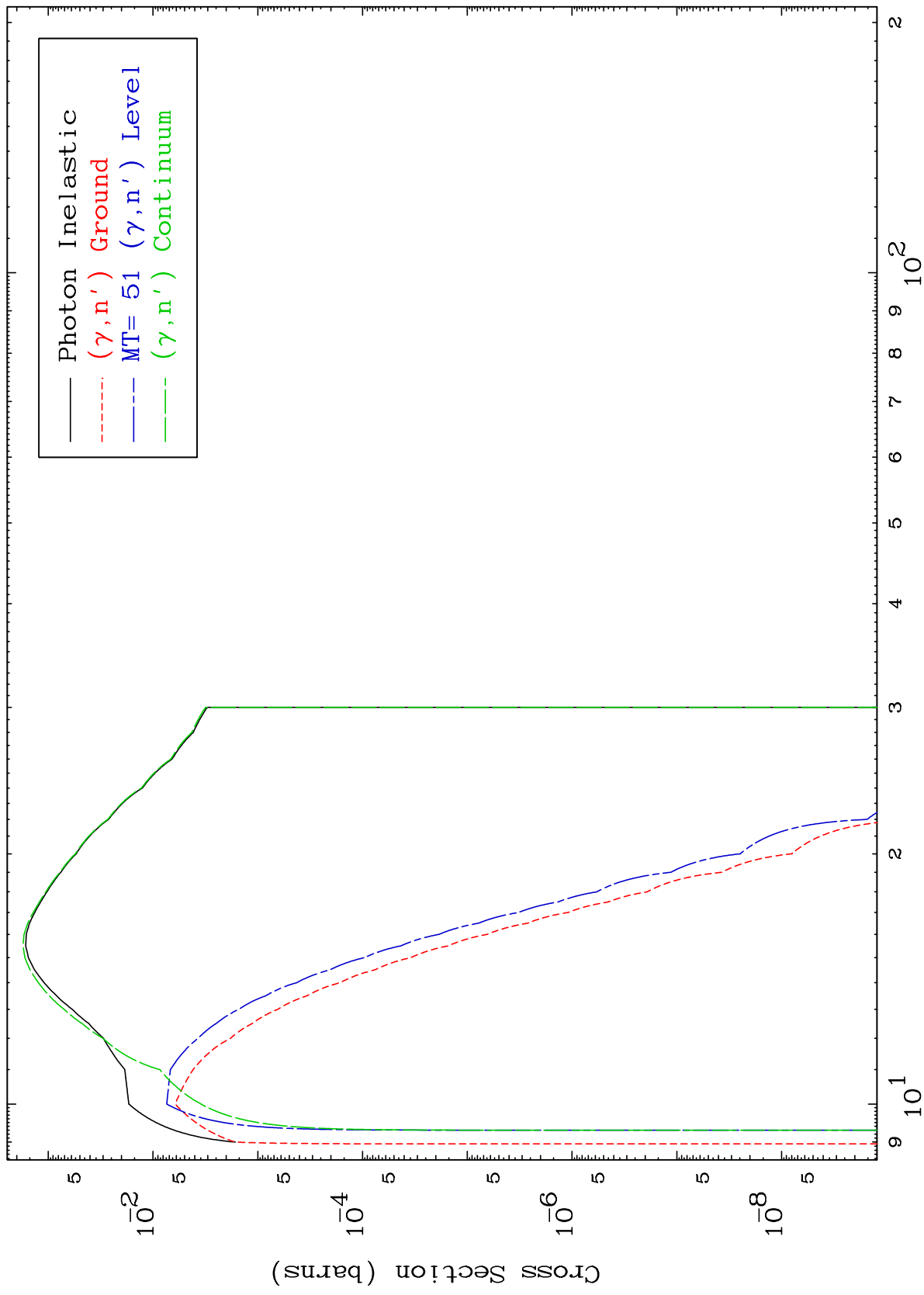


MAT 6210

(γ, n') Level

62-Sm-139

0 Kelvin Cross Sections



Incident Energy (MeV)

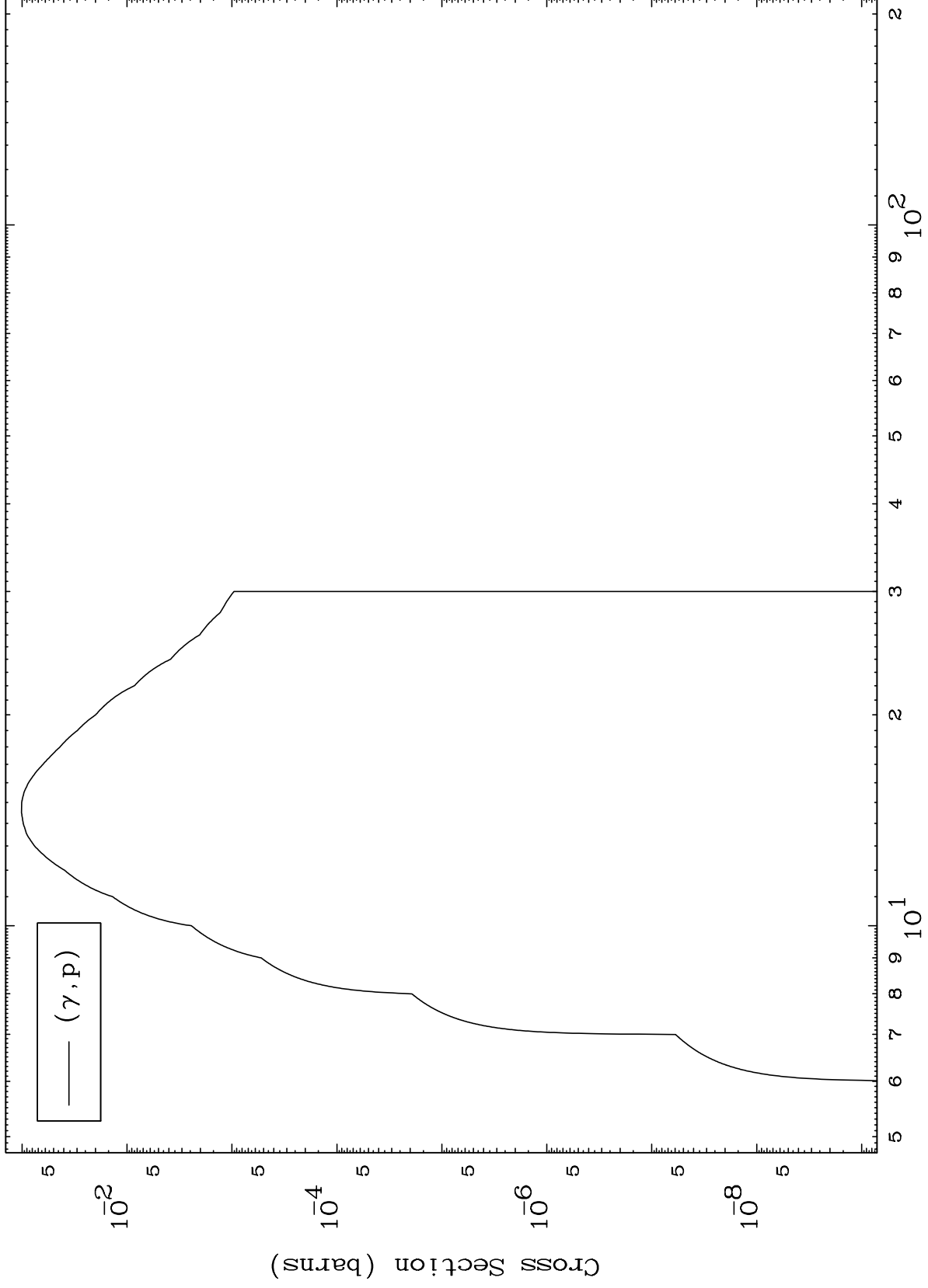
62-Sm-139

5

MAT 6210

(γ, p) Levels
0 Kelvin Cross Sections

62-Sm-139

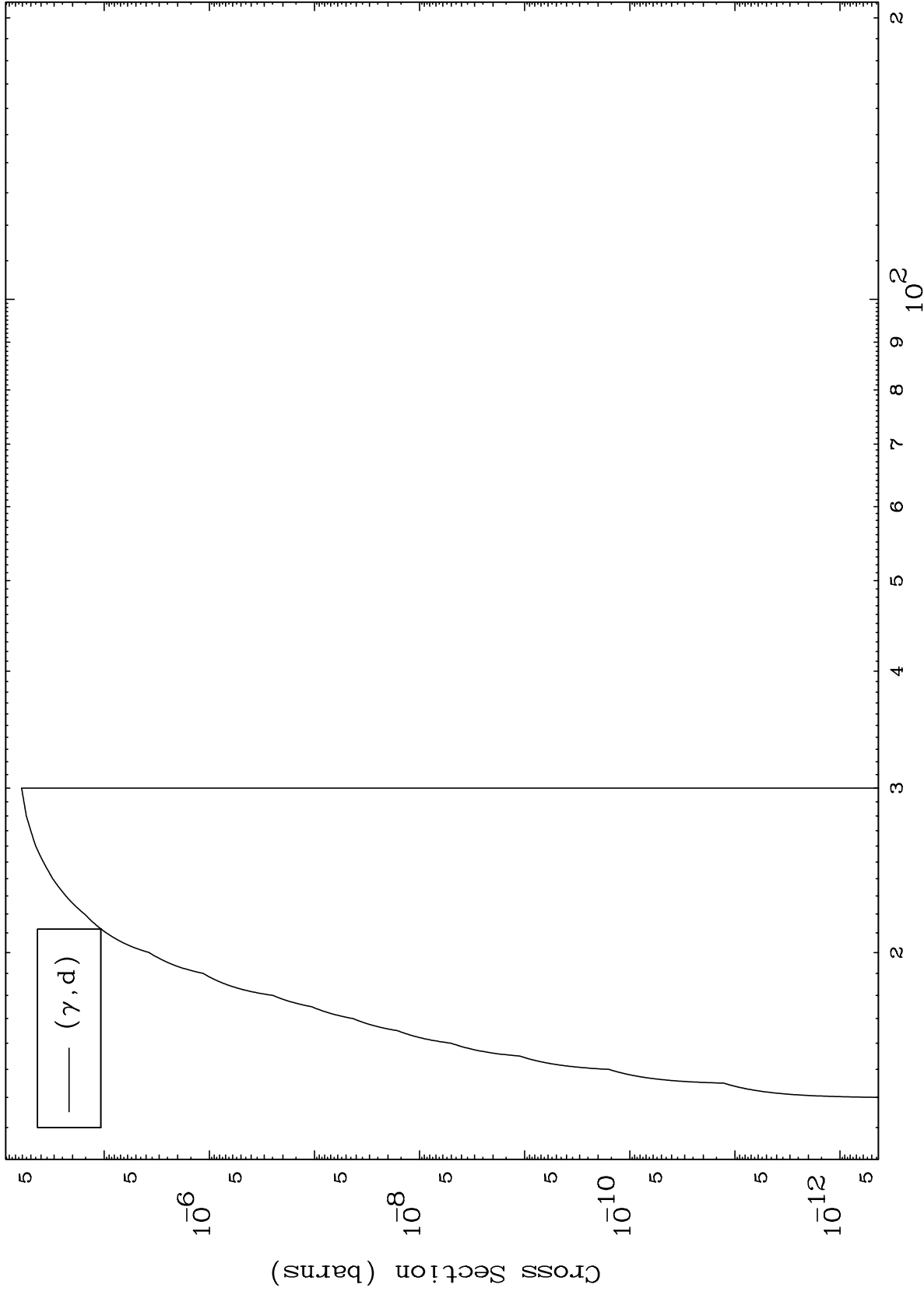


(γ, p)

6

Incident Energy (MeV)

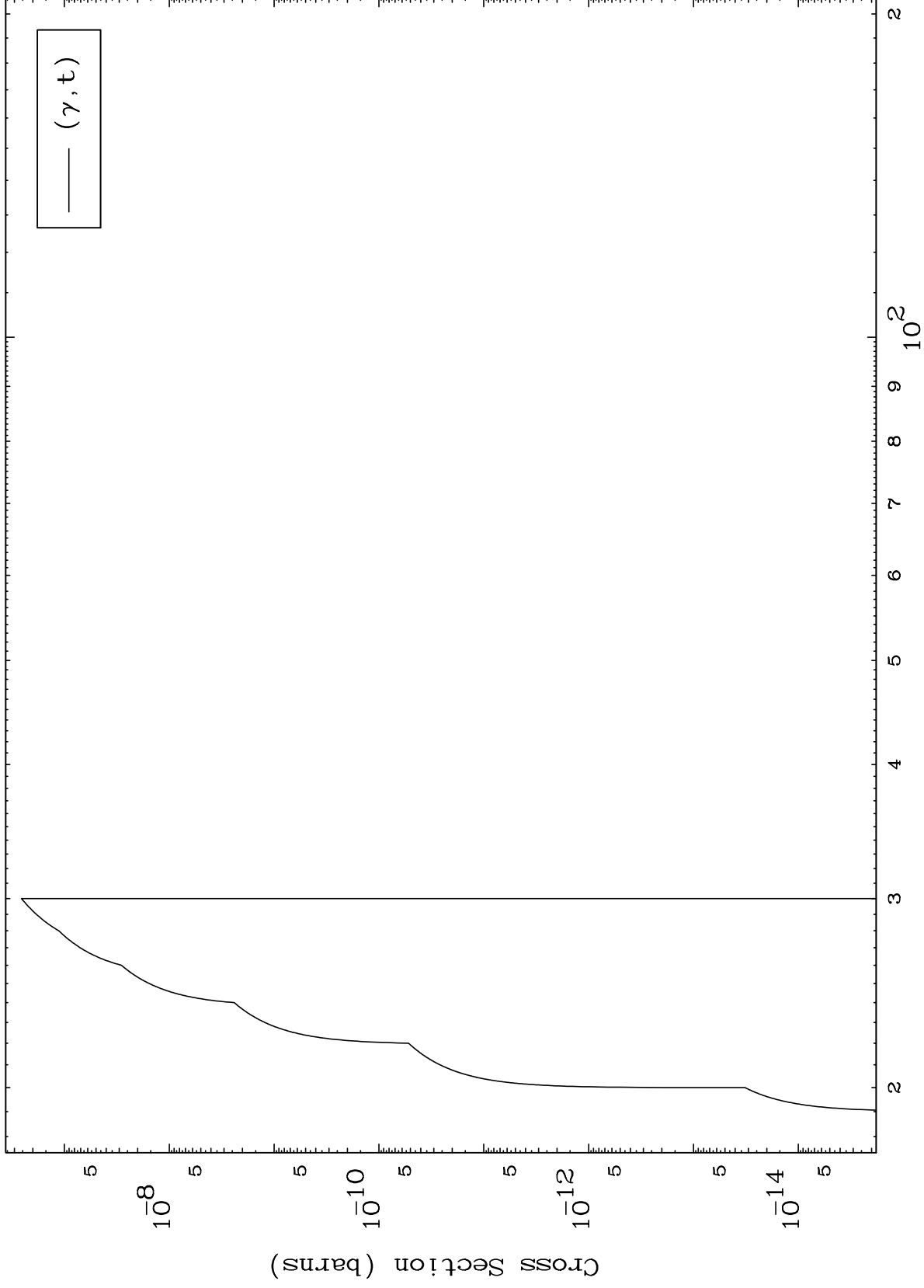
62-Sm-139



MAT 6210

(γ, t) Levels
0 Kelvin Cross Sections

62-Sm-139

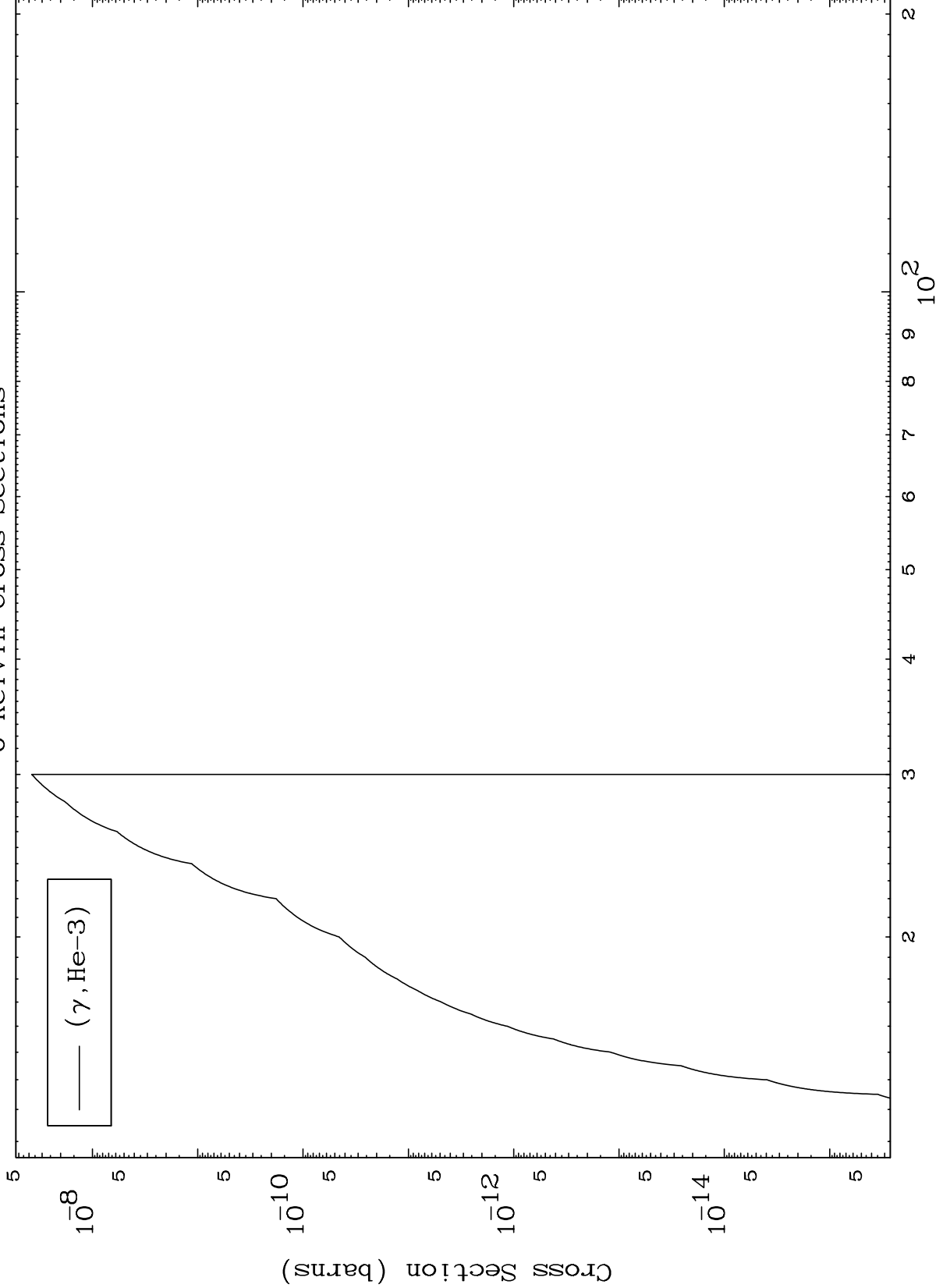


(γ, t)

8

Incident Energy (MeV)

62-Sm-139

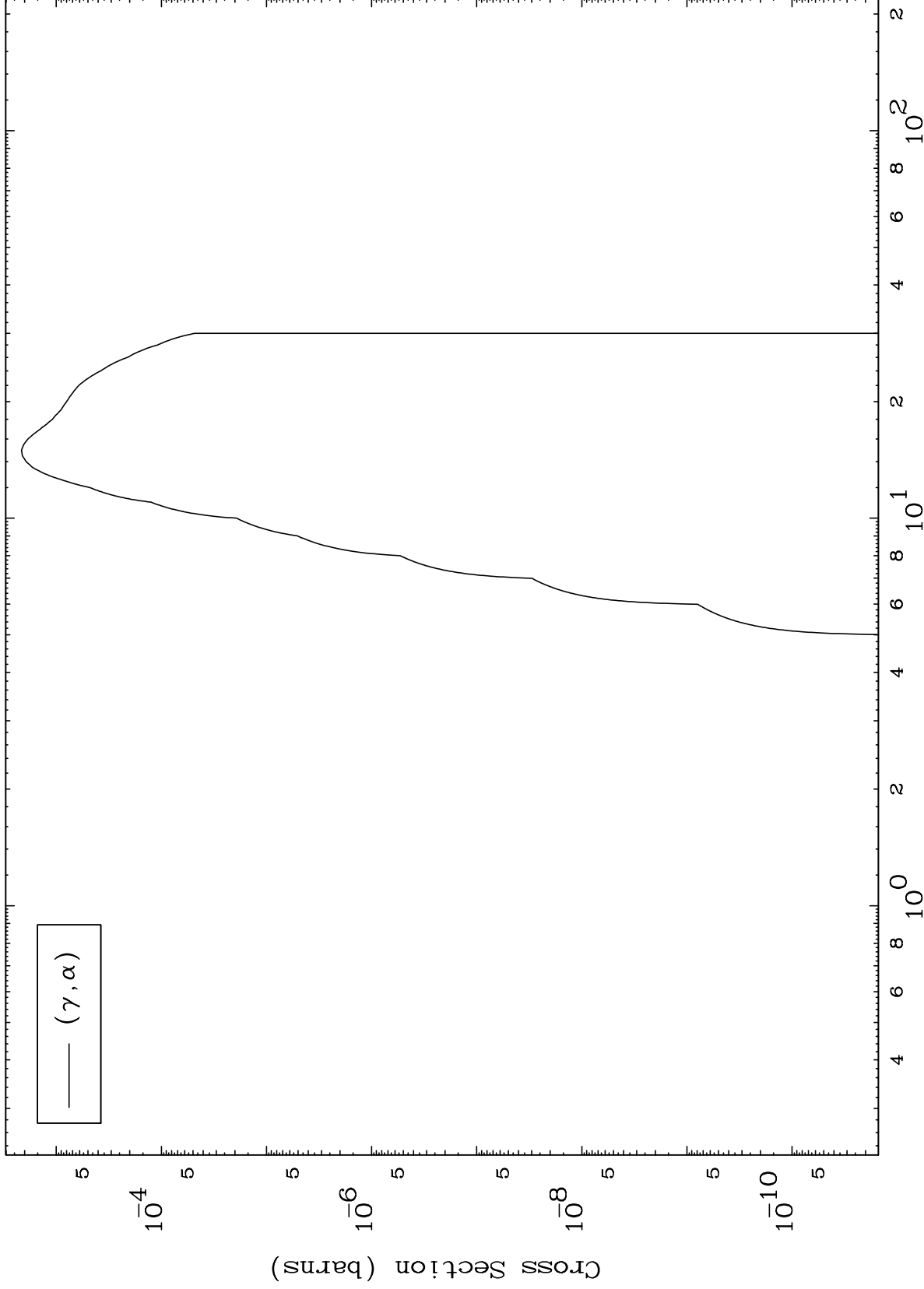


MAT 6210

(γ, α) Levels

62-Sm-139

0 Kelvin Cross Sections



10

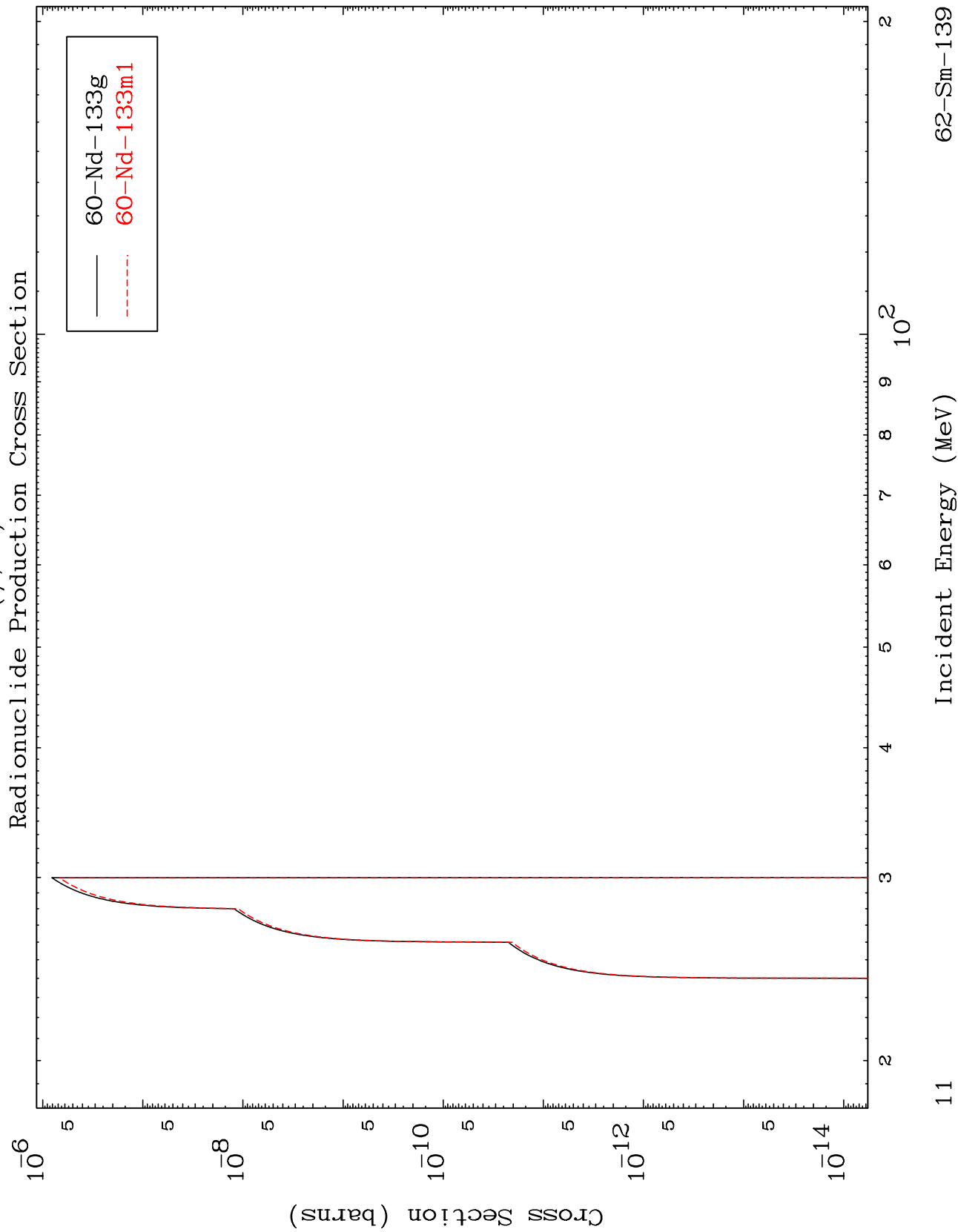
Incident Energy (MeV)

62-Sm-139

MAT 6210

$(\gamma, 2n) \alpha$

62-Sm-139

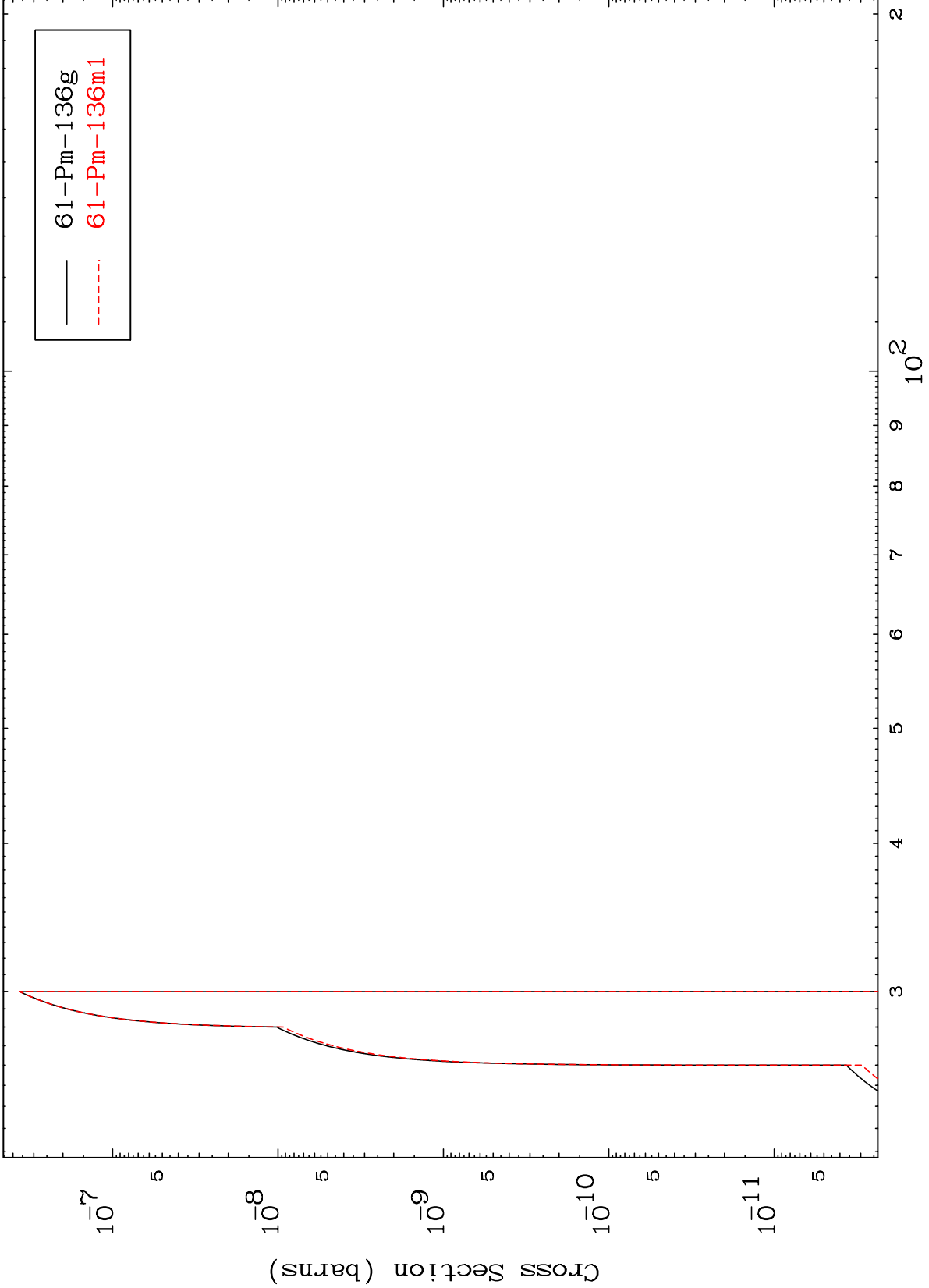


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(γ, n') d

62-Sm-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

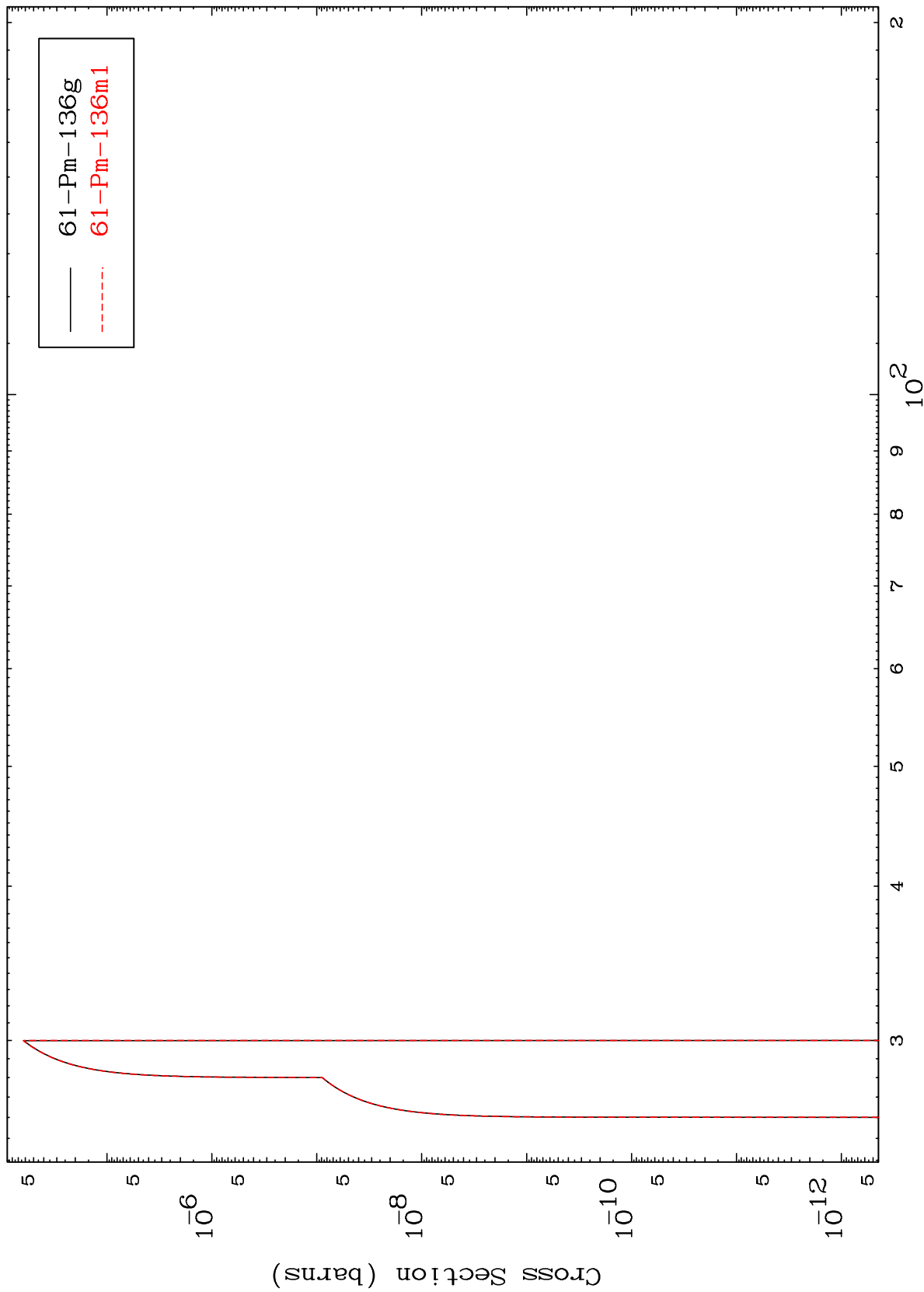
62-Sm-139

MAT 6210

62-Sm-139

($\gamma, 2n$) p

Radionuclide Production Cross Section



62-Sm-139

Incident Energy (MeV)

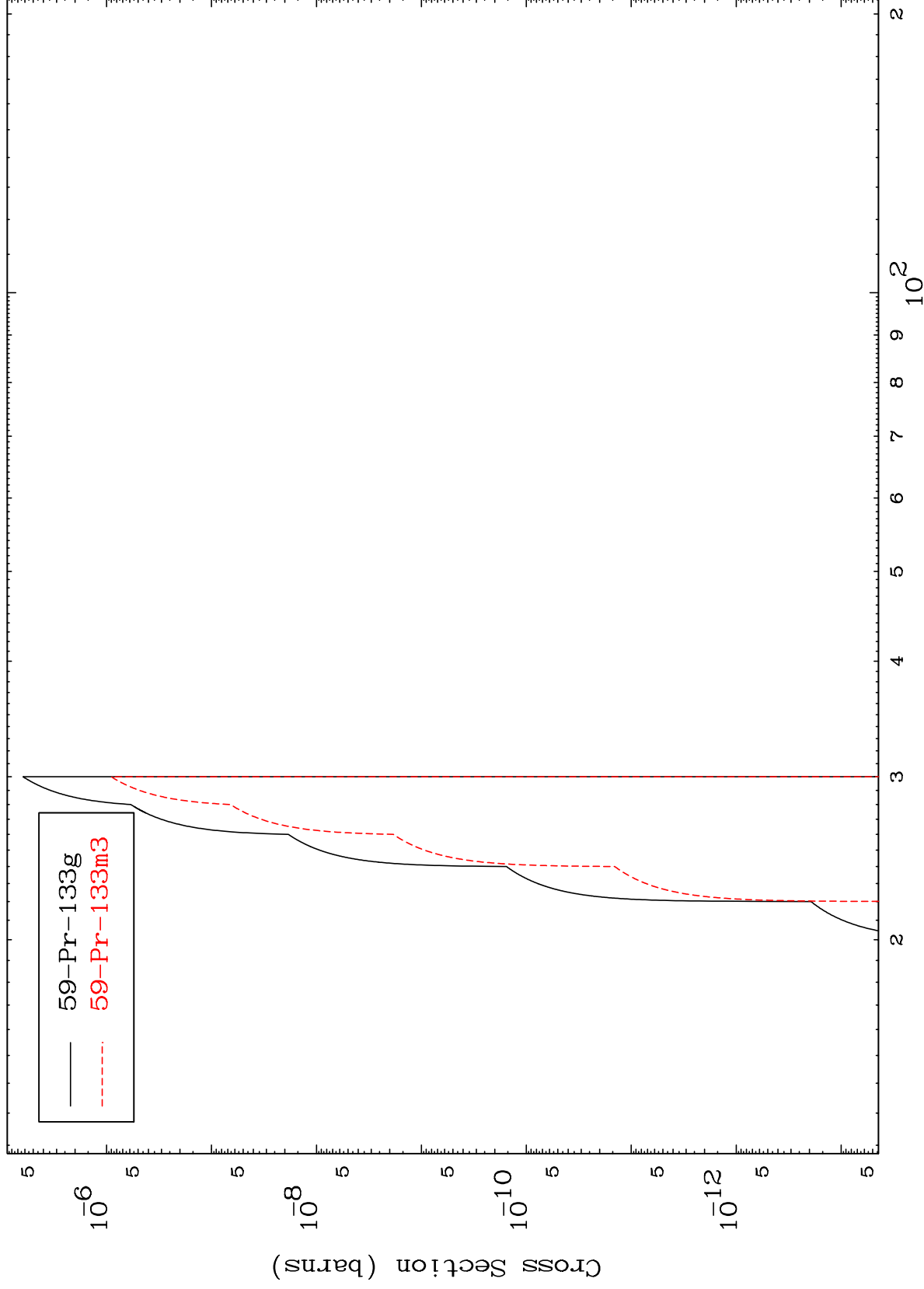
13

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(γ, n') p α

62-Sm-139

Radionuclide Production Cross Section



14

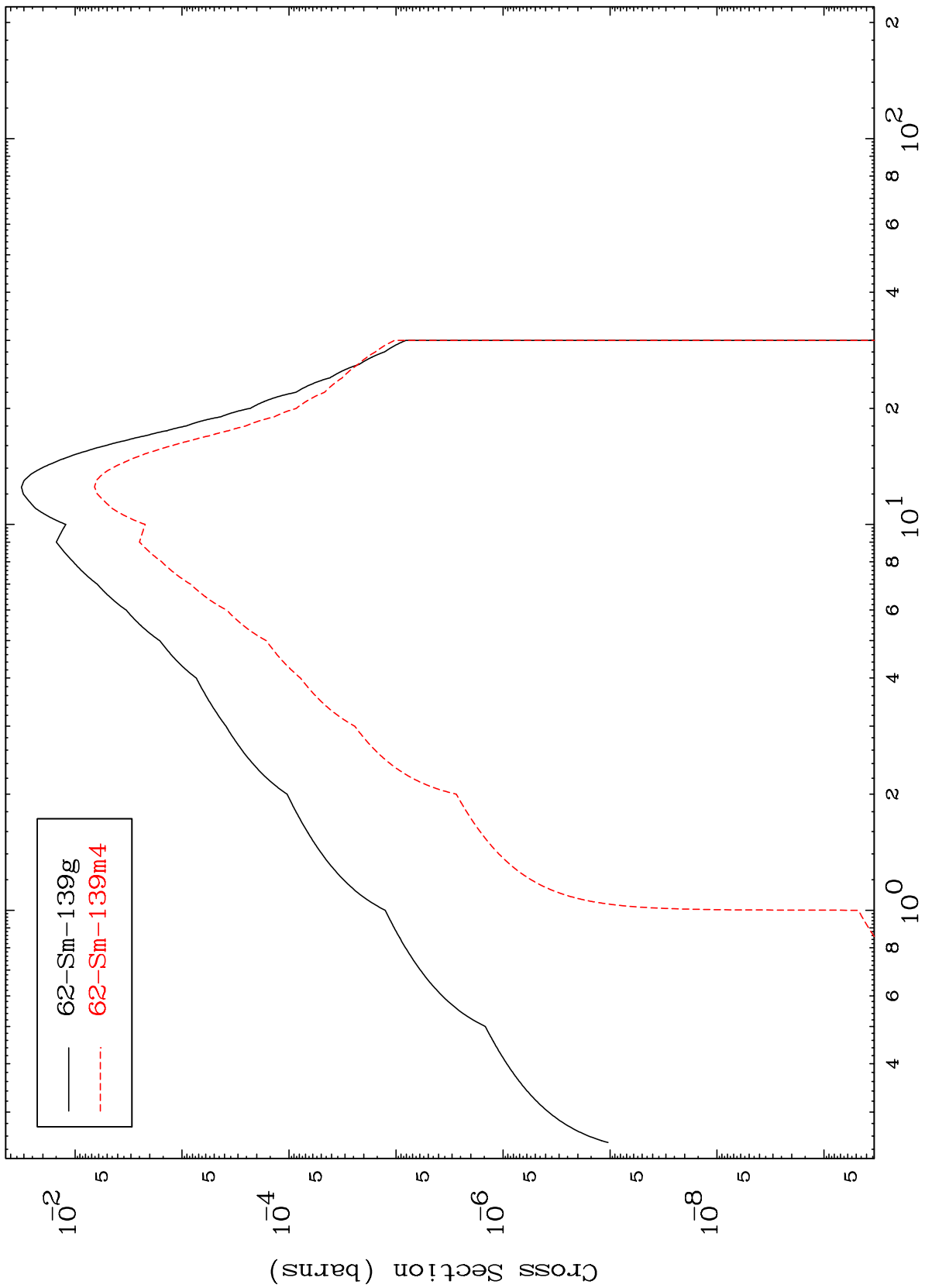
Incident Energy (MeV)

62-Sm-139

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62-Sm-139

(γ, γ)
Radionuclide Production Cross Section



Legend:
— 62-Sm-139g
- - - 62-Sm-139m4

62-Sm-139

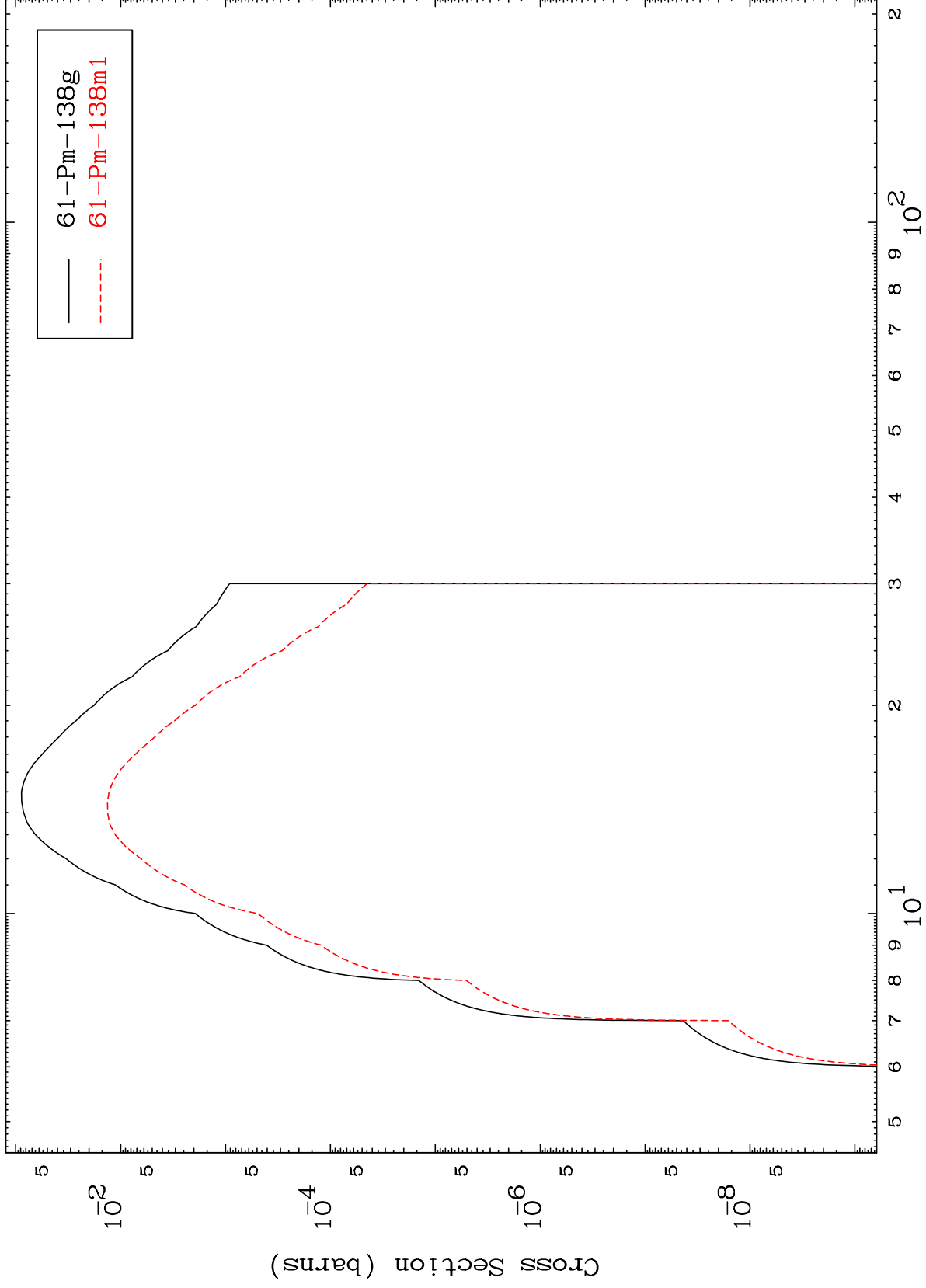
Incident Energy (MeV)

15

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62-Sm-139

(γ, p)
Radionuclide Production Cross Section



62-Sm-139

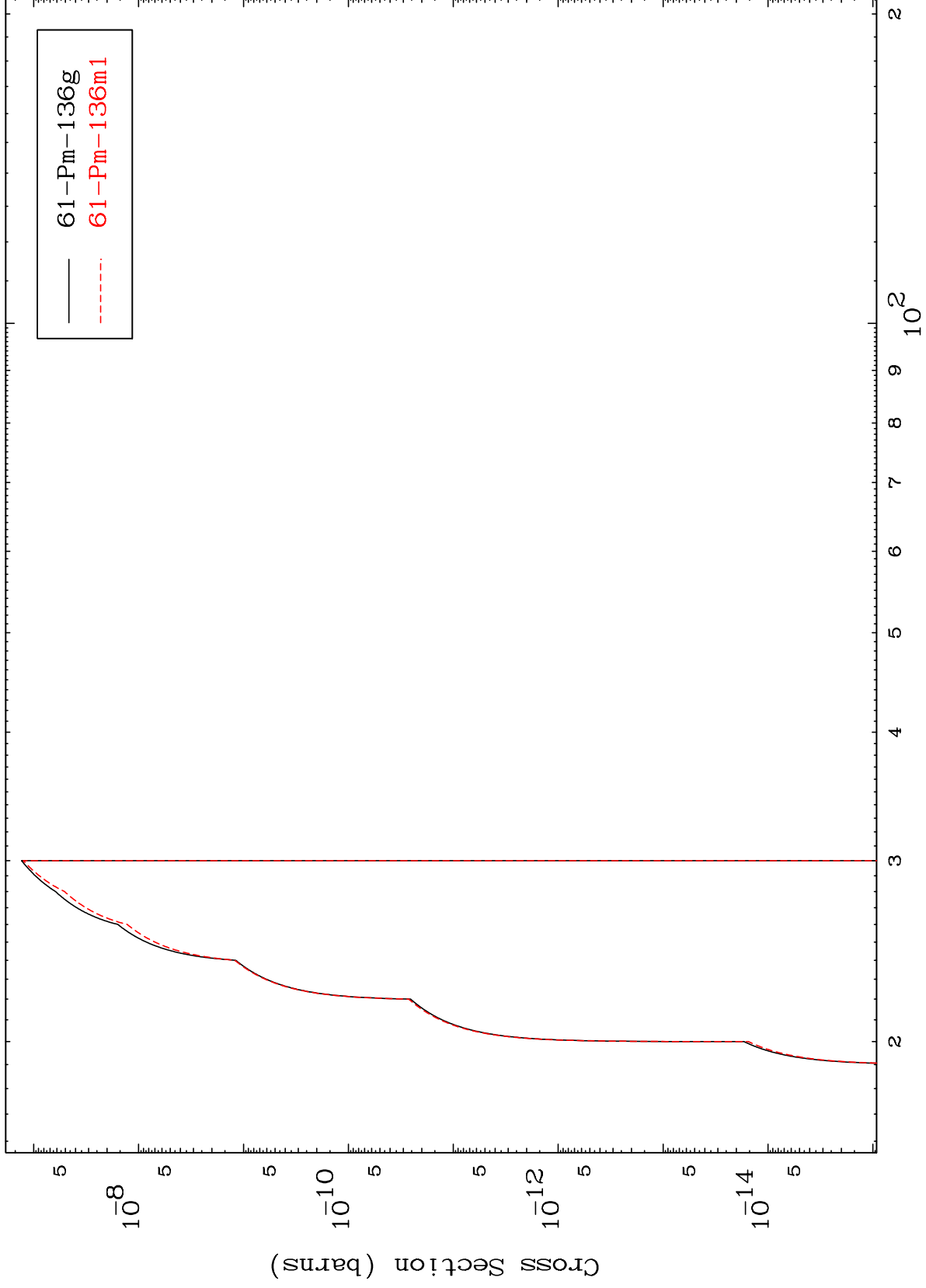
Incident Energy (MeV)

16

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62-Sm-139

(γ, t)
Radionuclide Production Cross Section



17

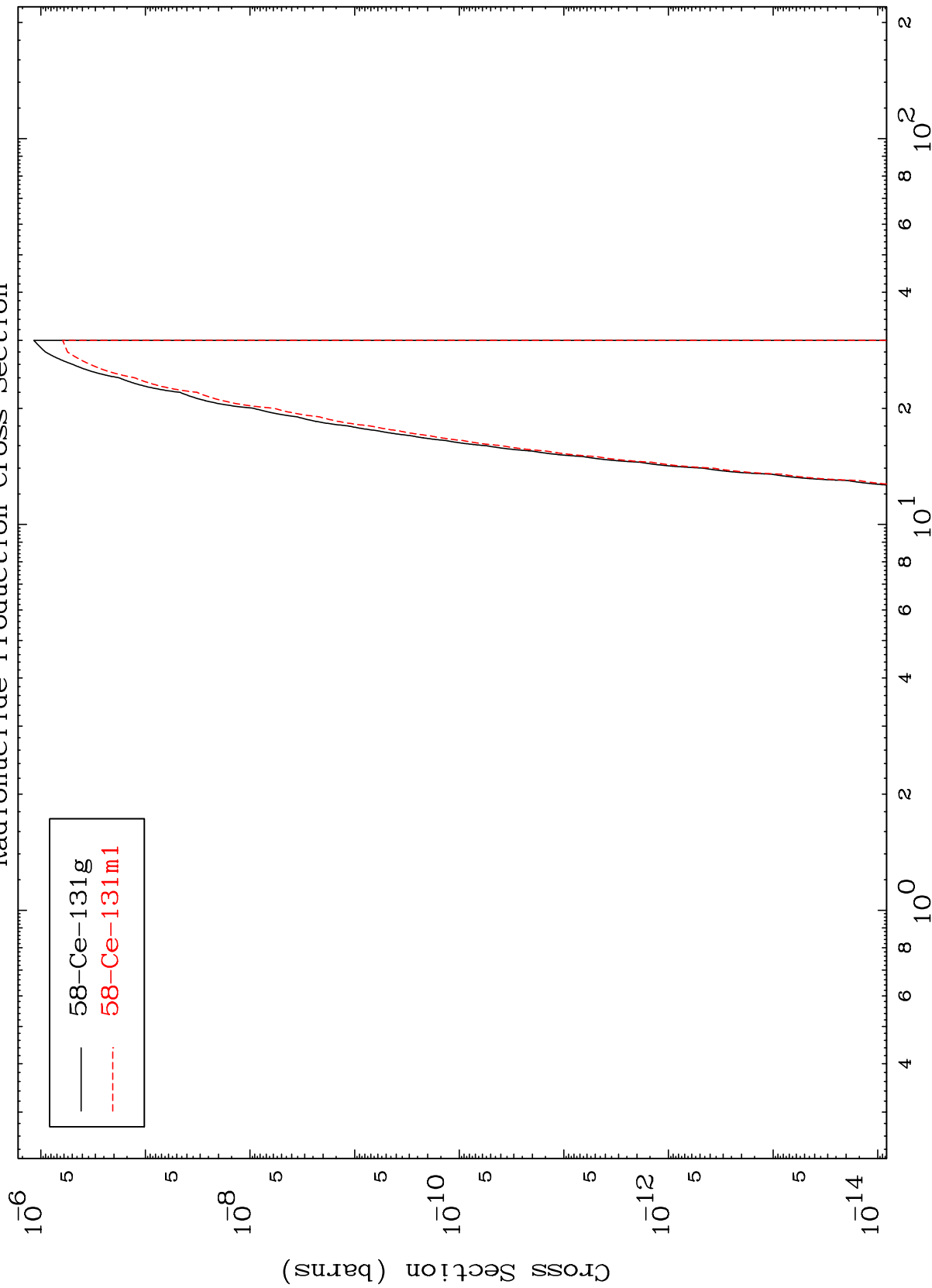
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

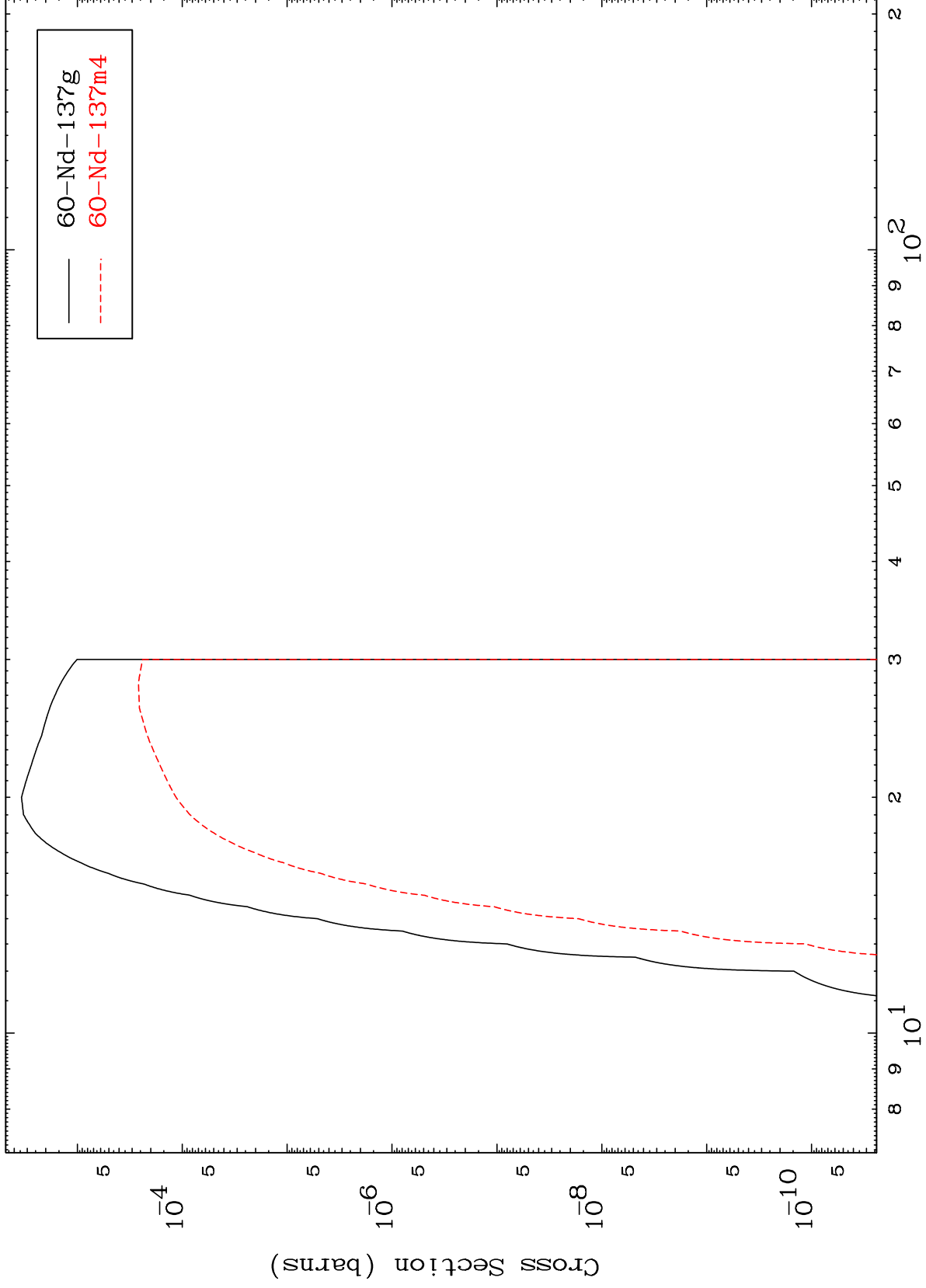
Radionuclide Production Cross Section
($\gamma, 2\alpha$)



MAT 6210

62-Sm-139

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



19

Incident Energy (MeV)

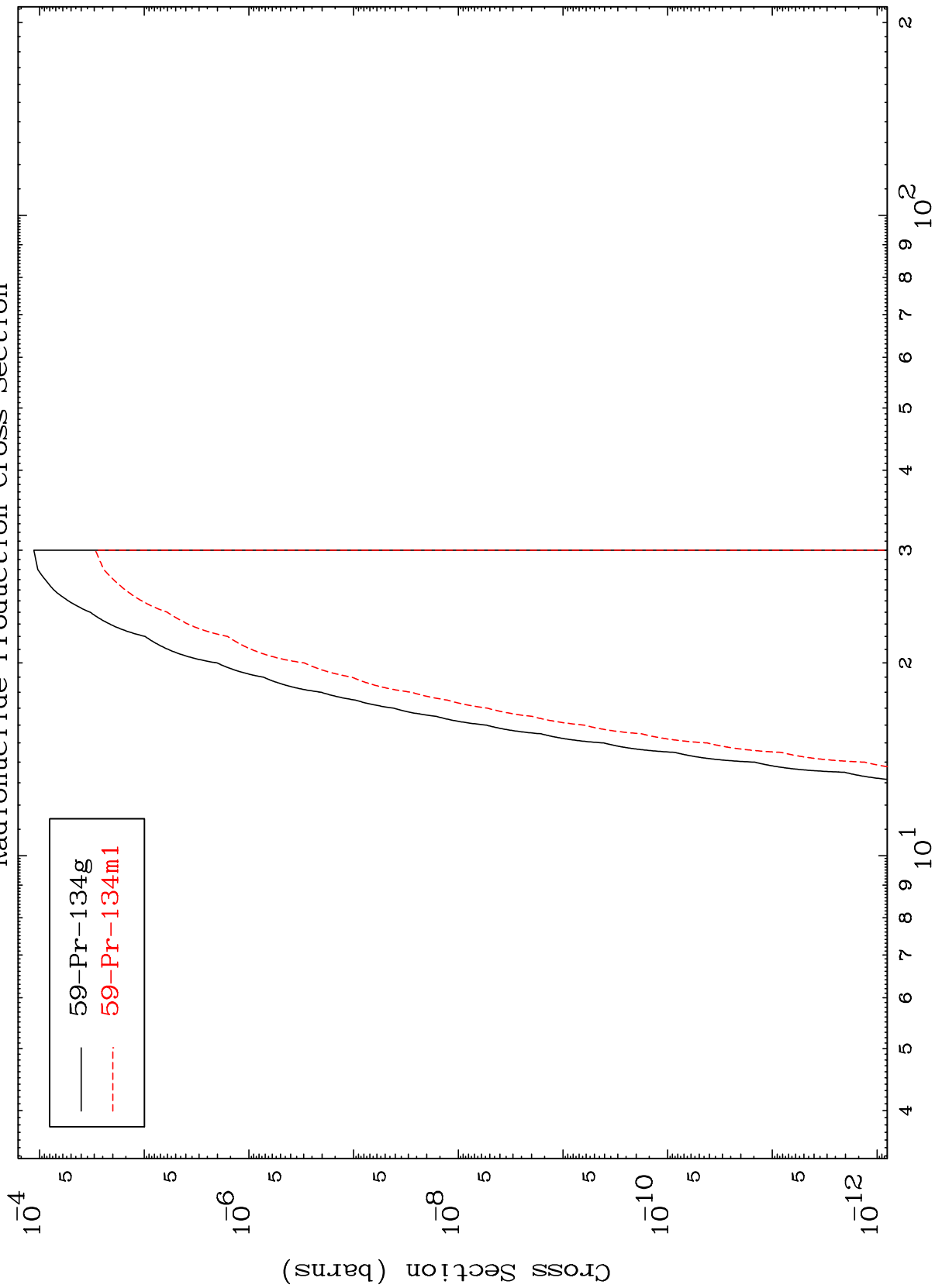
62-Sm-139

MAT 6210

(γ, p) α

62-Sm-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

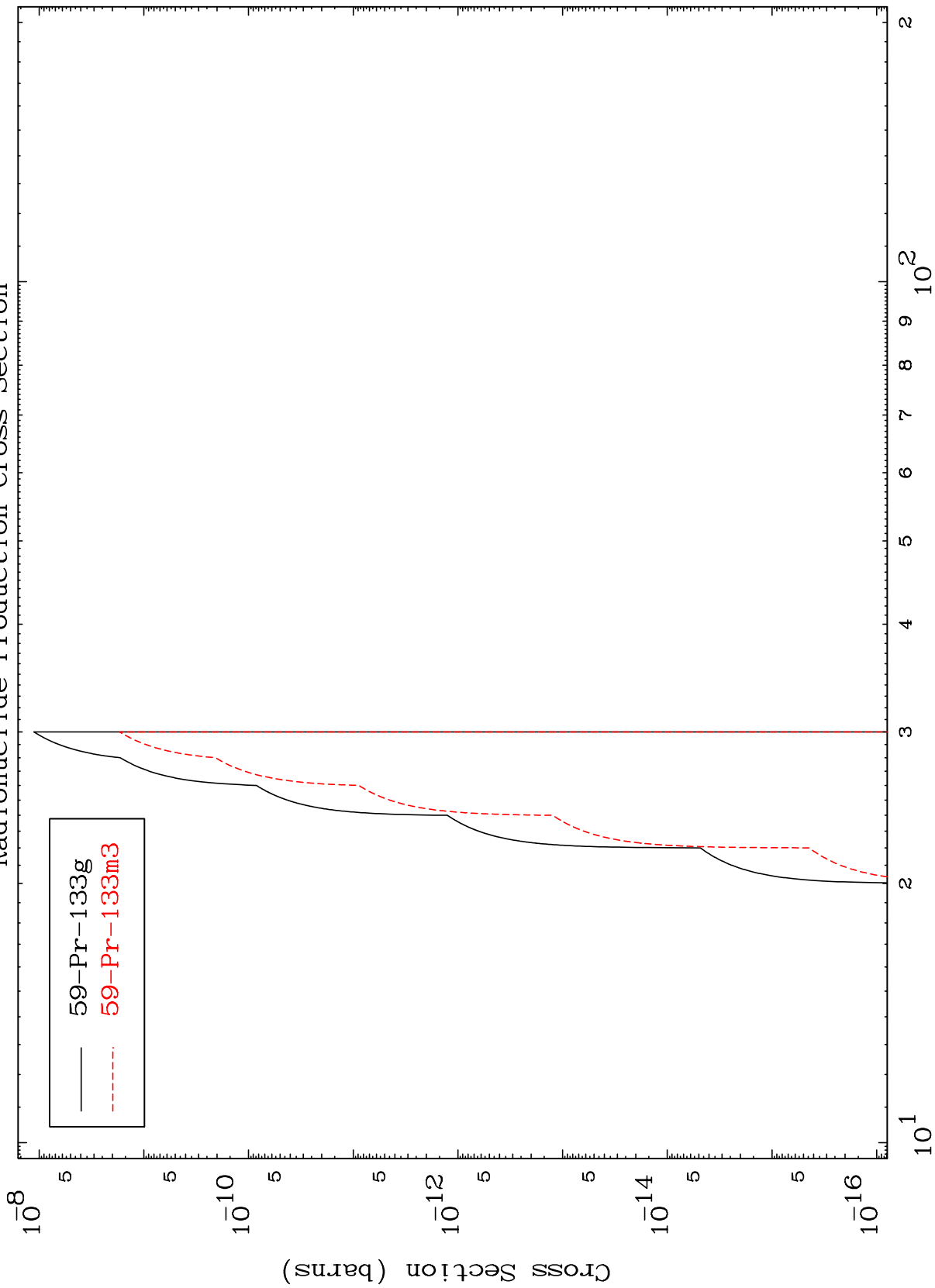
62-Sm-139

MAT 6210

(γ, d) α

62-Sm-139

Radionuclide Production Cross Section



Incident Energy (MeV)

62-Sm-139

21