

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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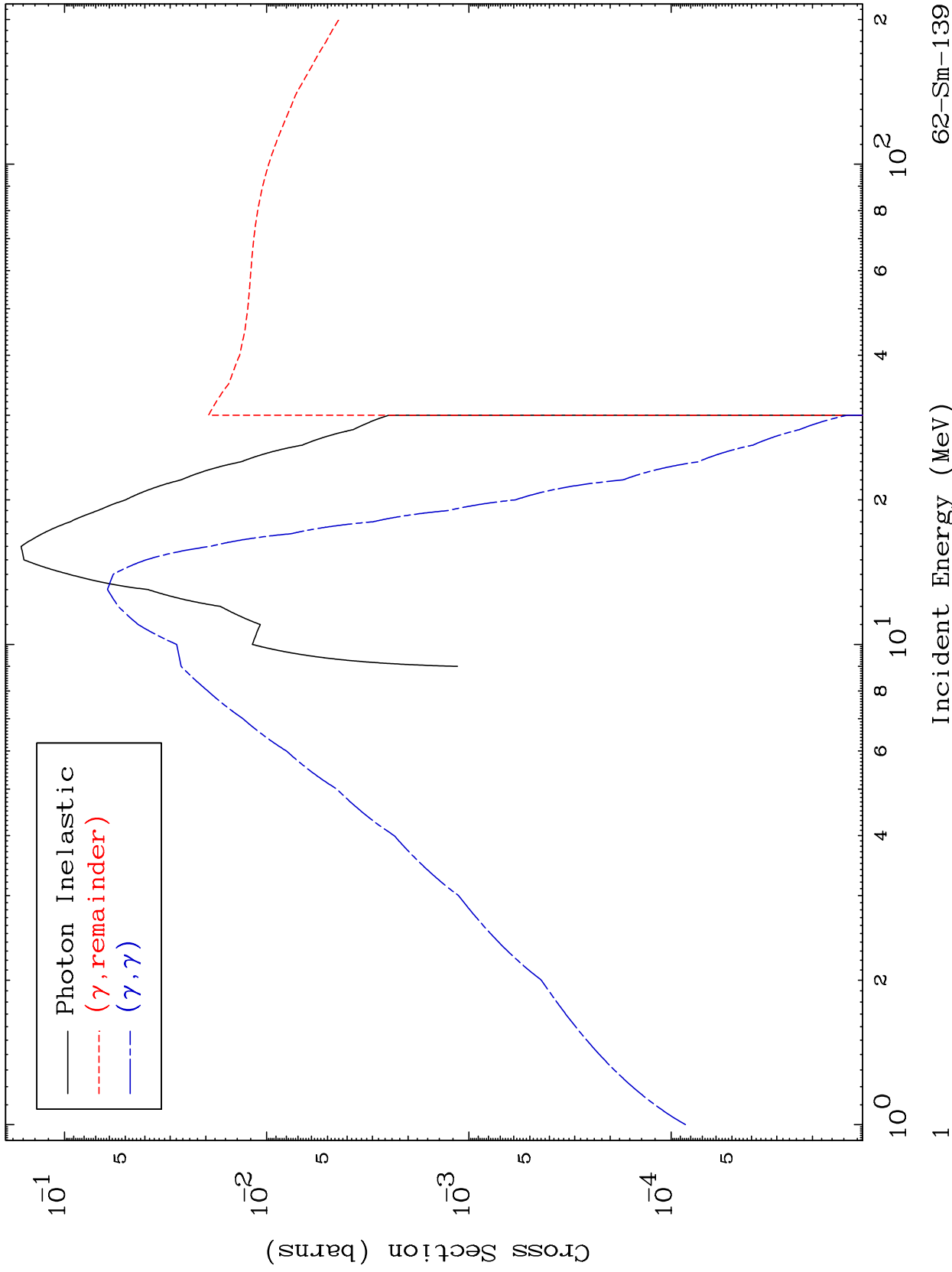
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

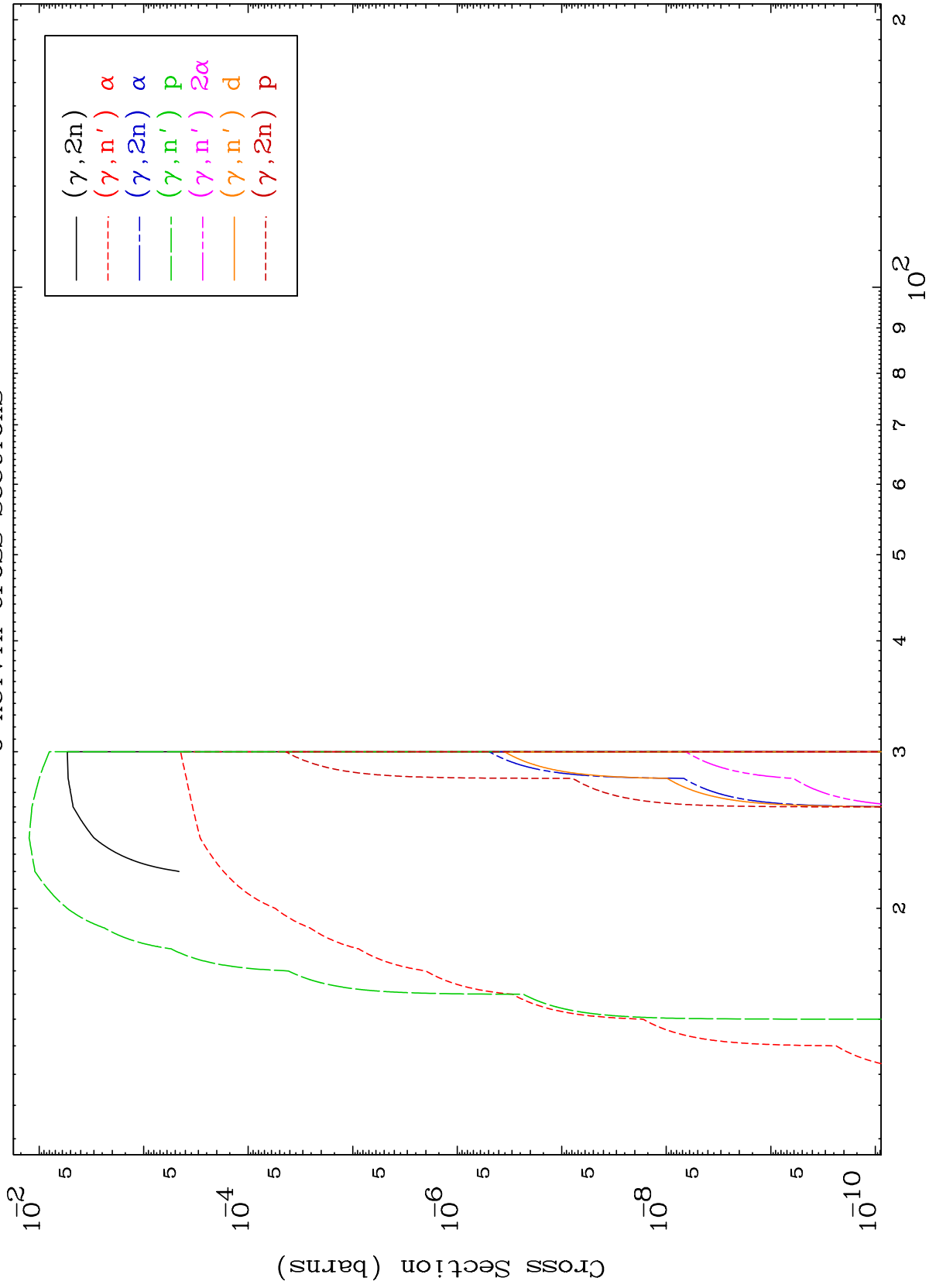
Press Mouse Button to Start

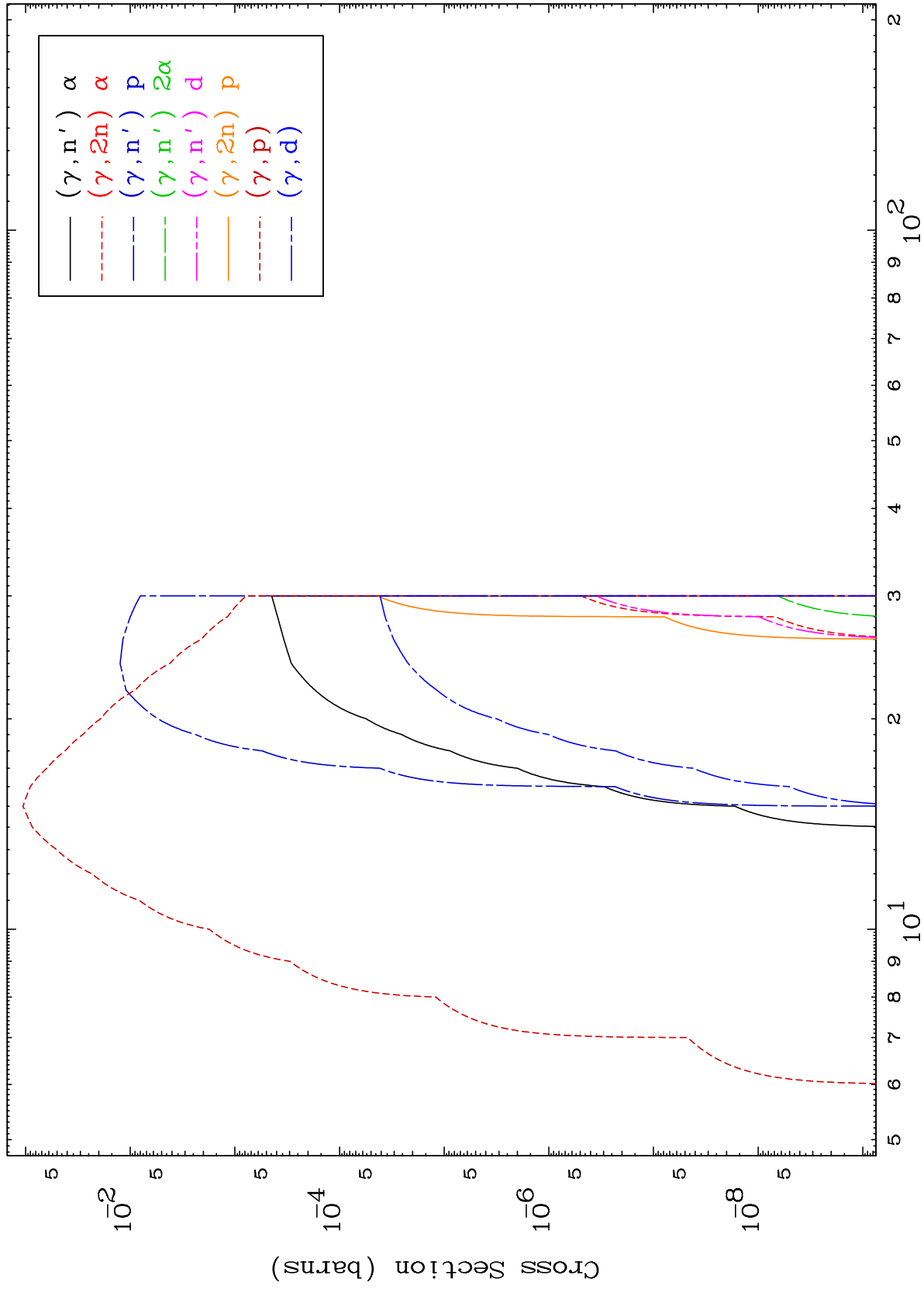
MAT 6210

Photon Major
0 Kelvin Cross Sections

62-Sm-139



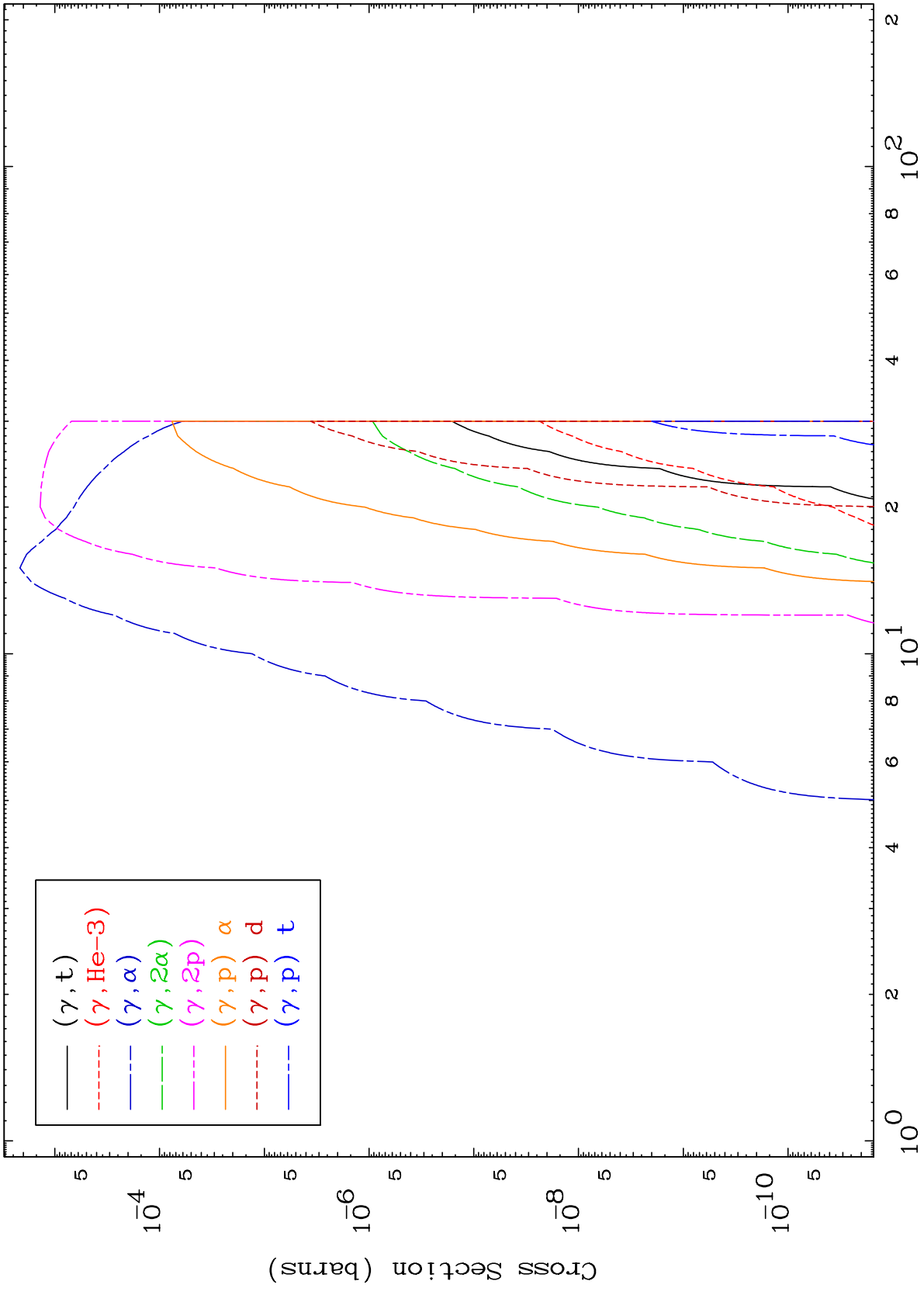




MAT 6210

Photon Charged Particle
0 Kelvin Cross Sections

62-Sm-139



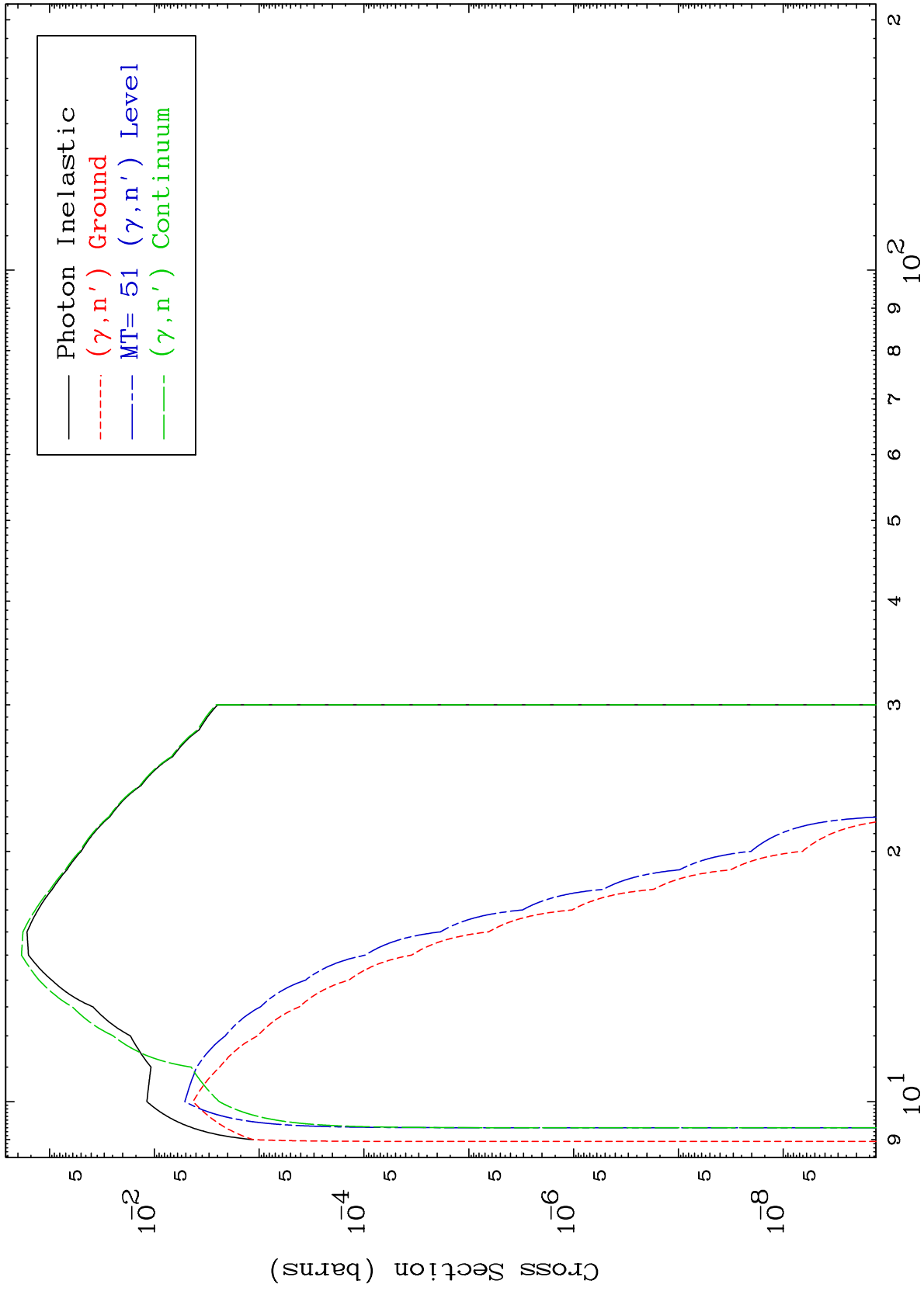
Incident Energy (MeV)

62-Sm-139

MAT 6210

(γ, n') Level
0 Kelvin Cross Sections

62-Sm-139



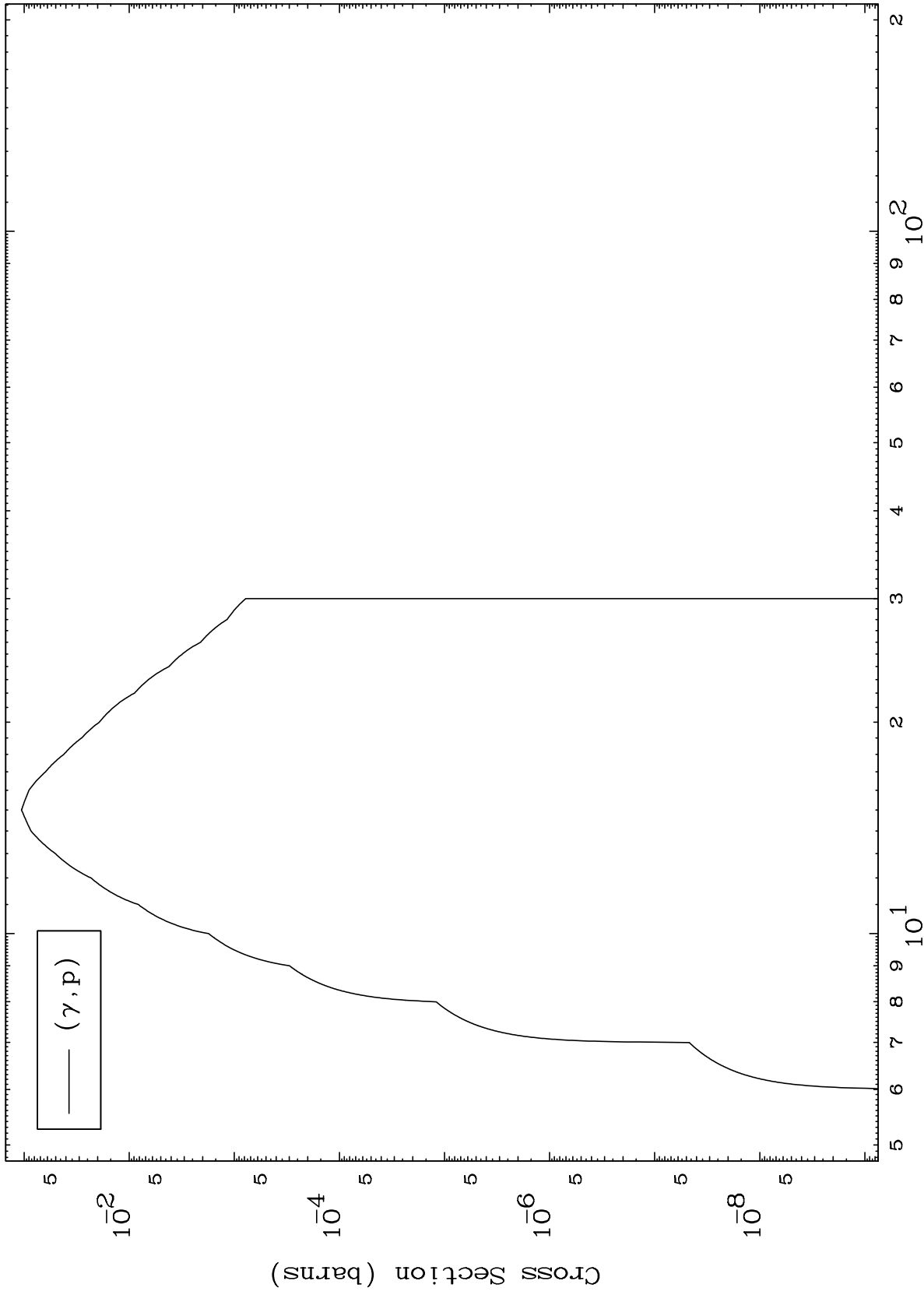
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

(γ, p) Levels
0 Kelvin Cross Sections



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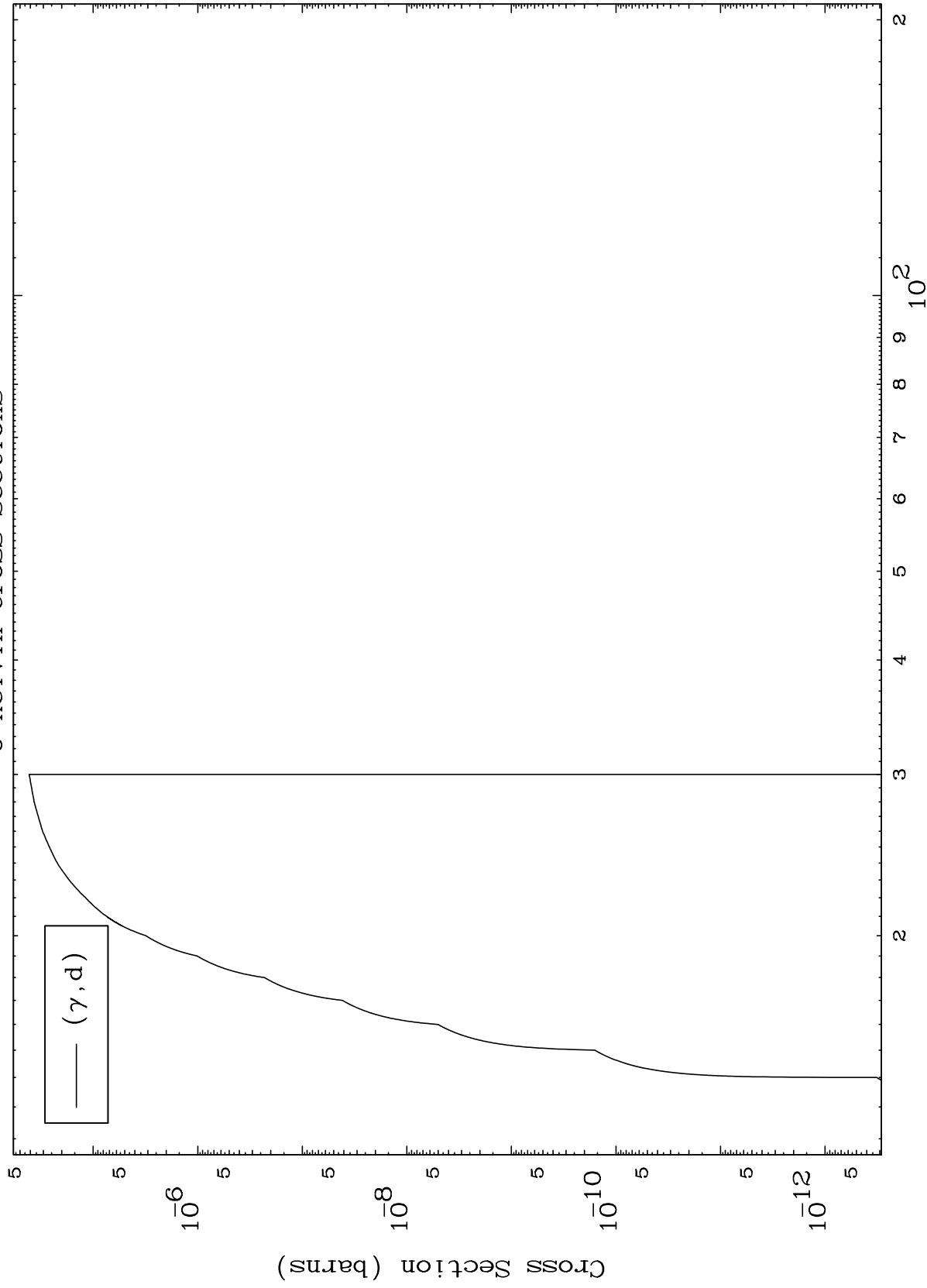
Incident Energy (MeV)

62-Sm-139

MAT 6210

(γ, d) Levels
0 Kelvin Cross Sections

62-Sm-139



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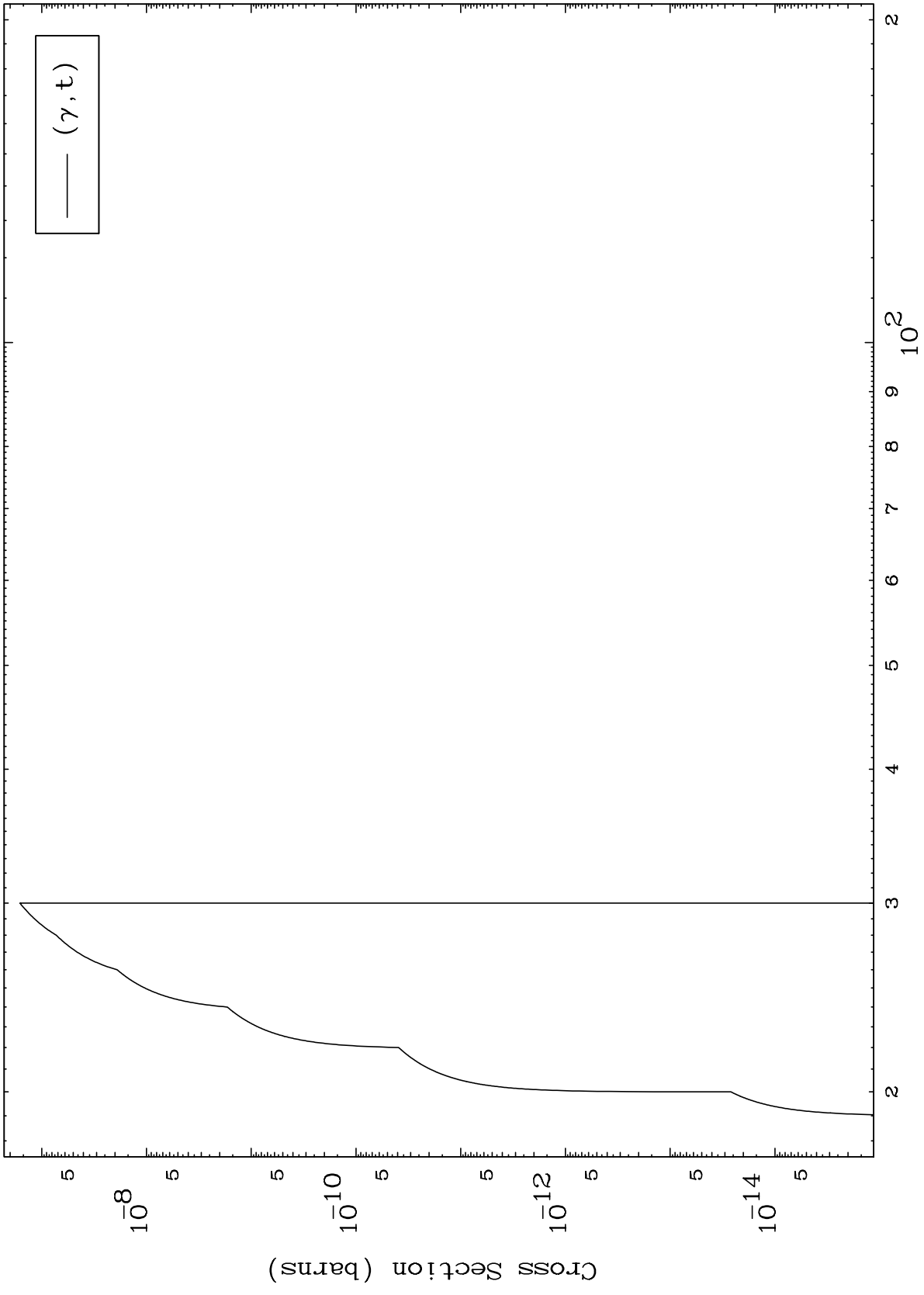
Incident Energy (MeV)

62-Sm-139

MAT 6210

(γ, t) Levels
0 Kelvin Cross Sections

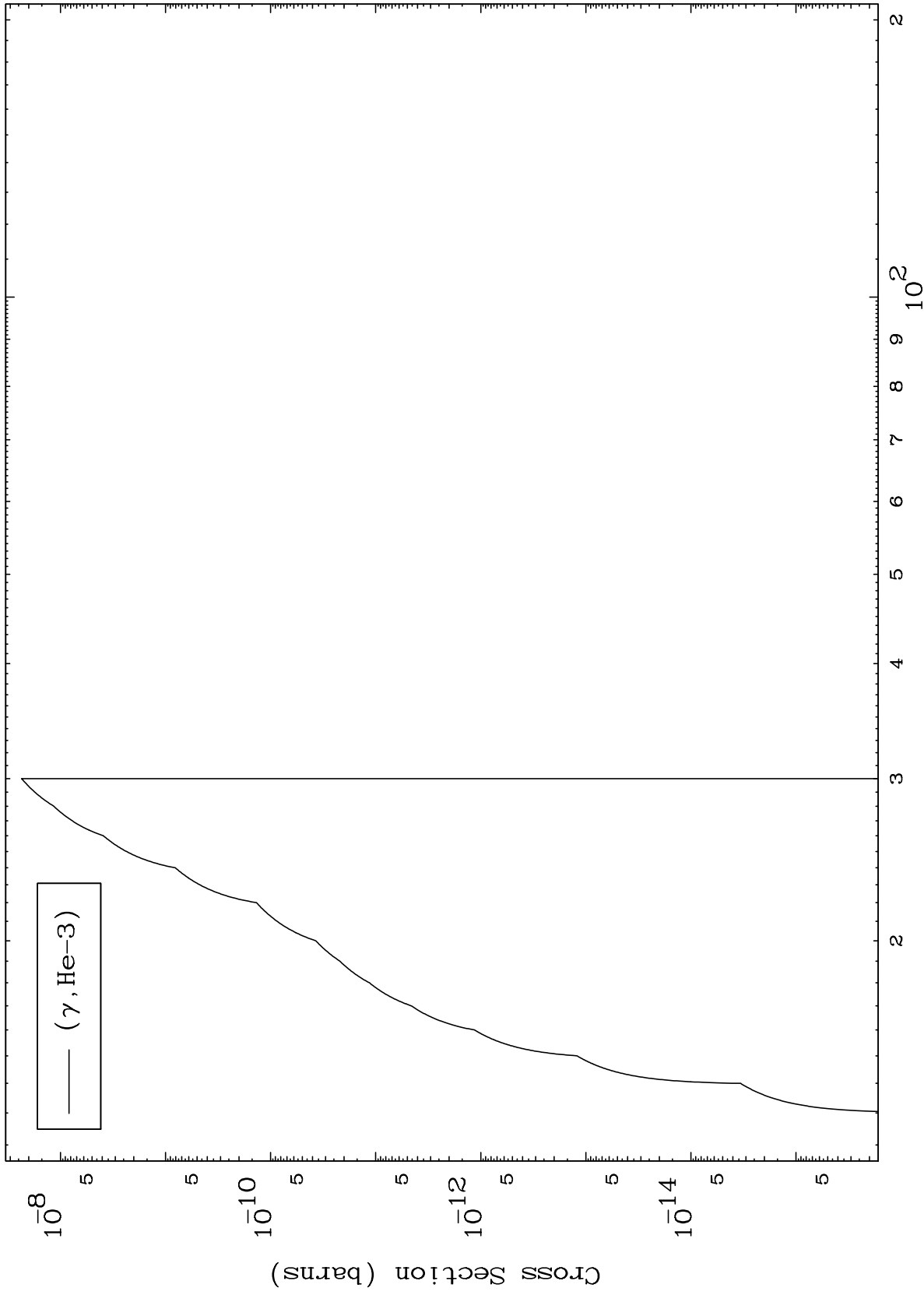
62-Sm-139



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Incident Energy (MeV)

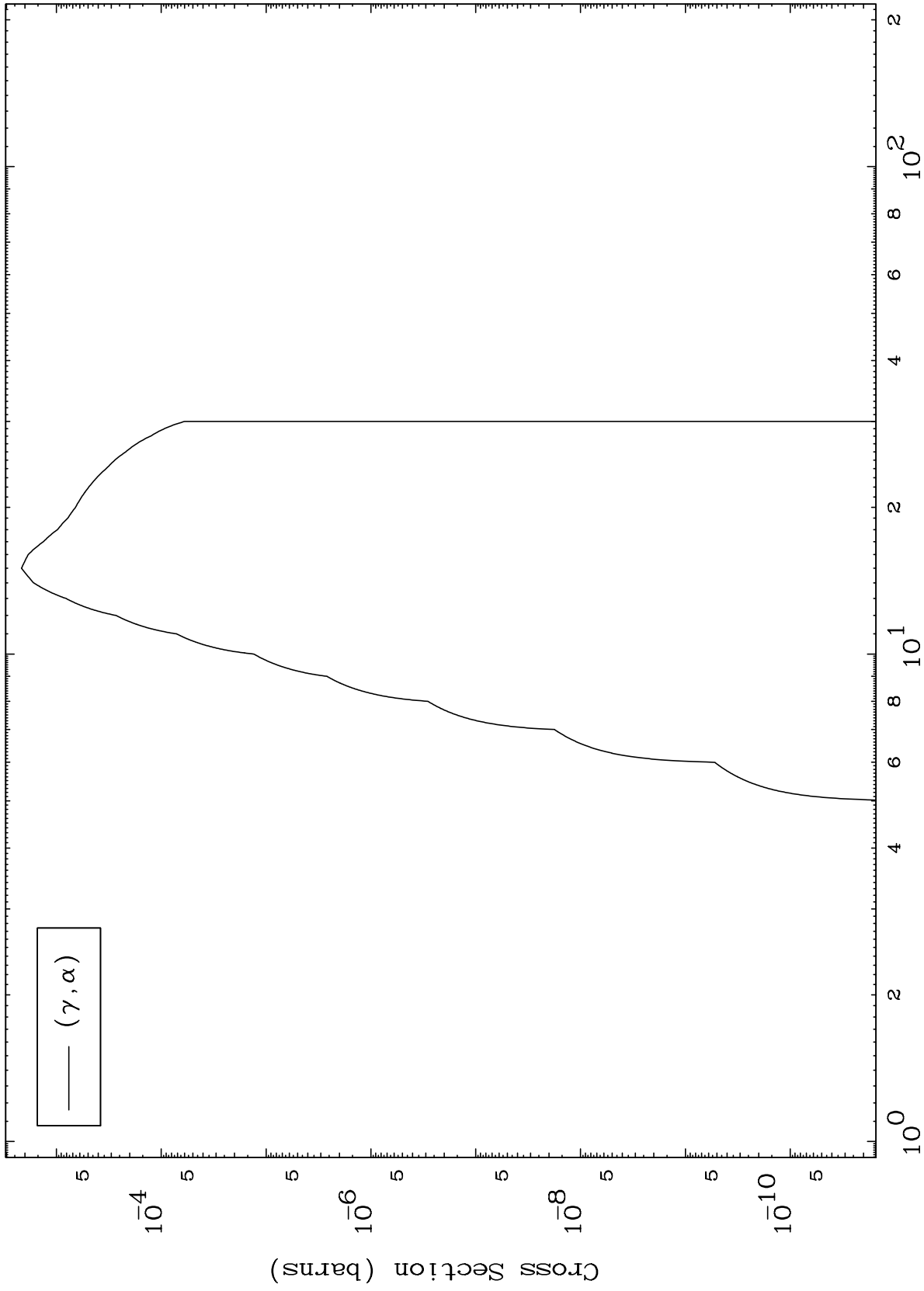
62-Sm-139



MAT 6210

(γ, α) Levels
0 Kelvin Cross Sections

62-Sm-139



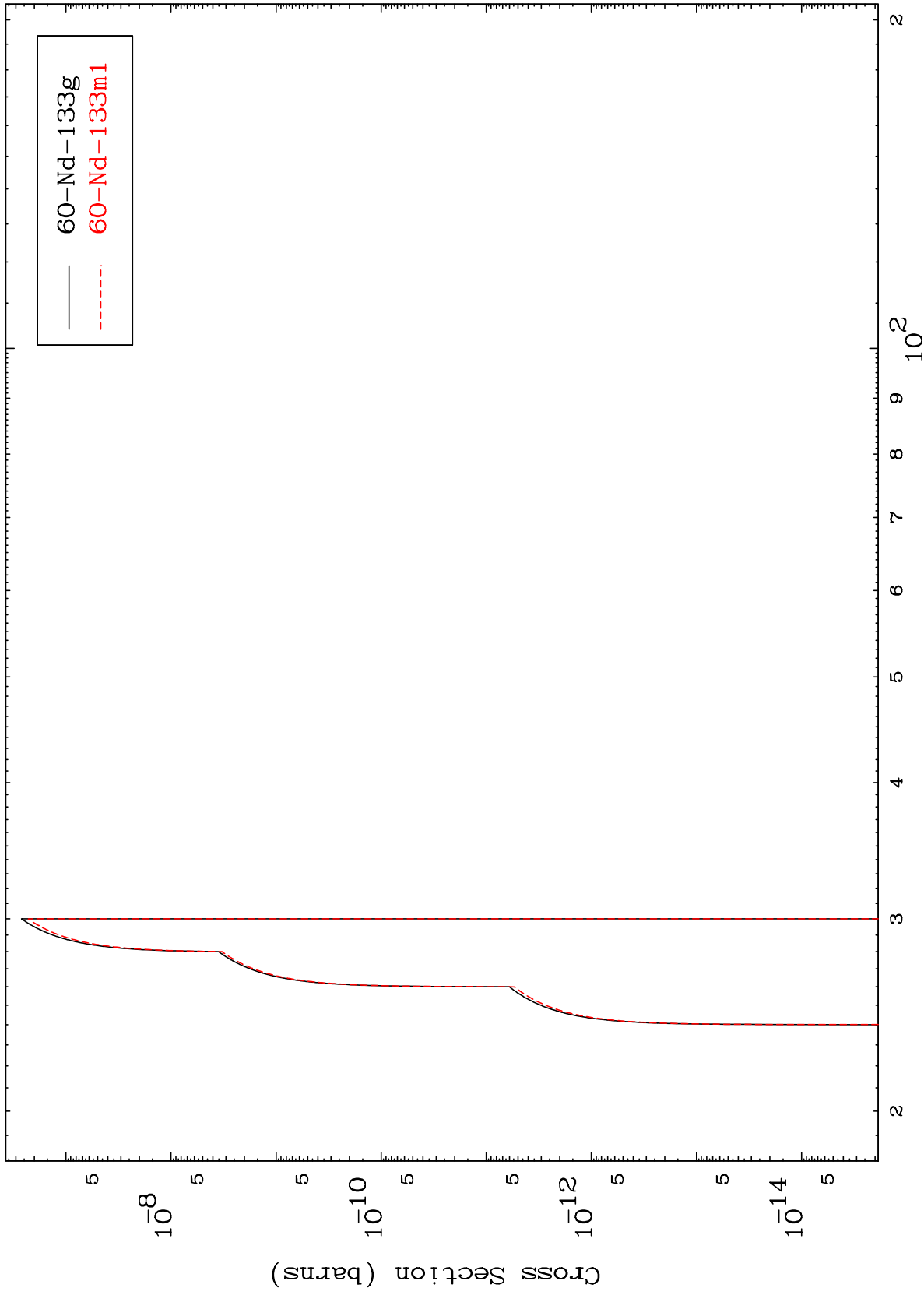
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

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



11

Incident Energy (MeV)

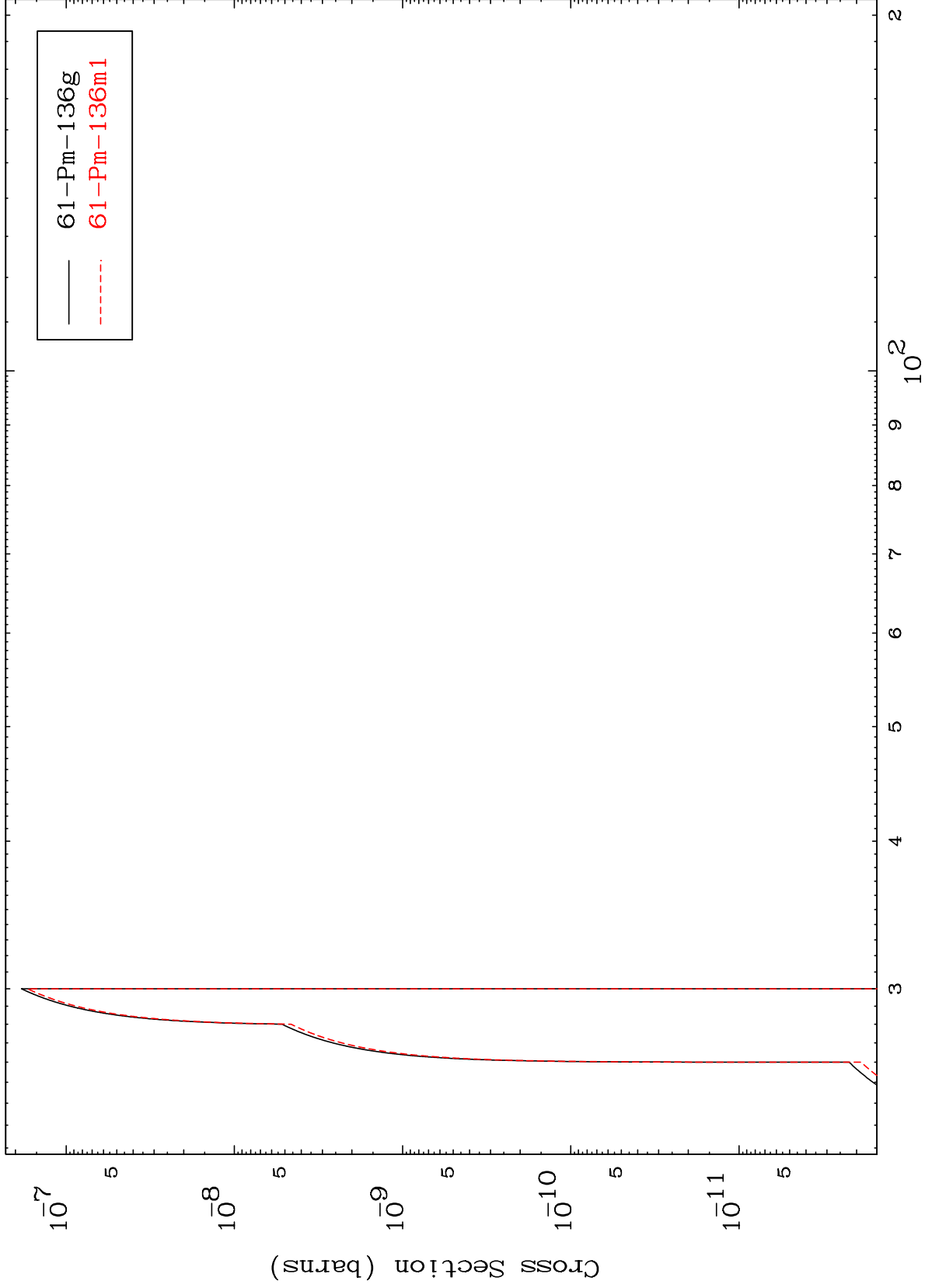
62-Sm-139

MAT 6210

(γ, n') d

62-Sm-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

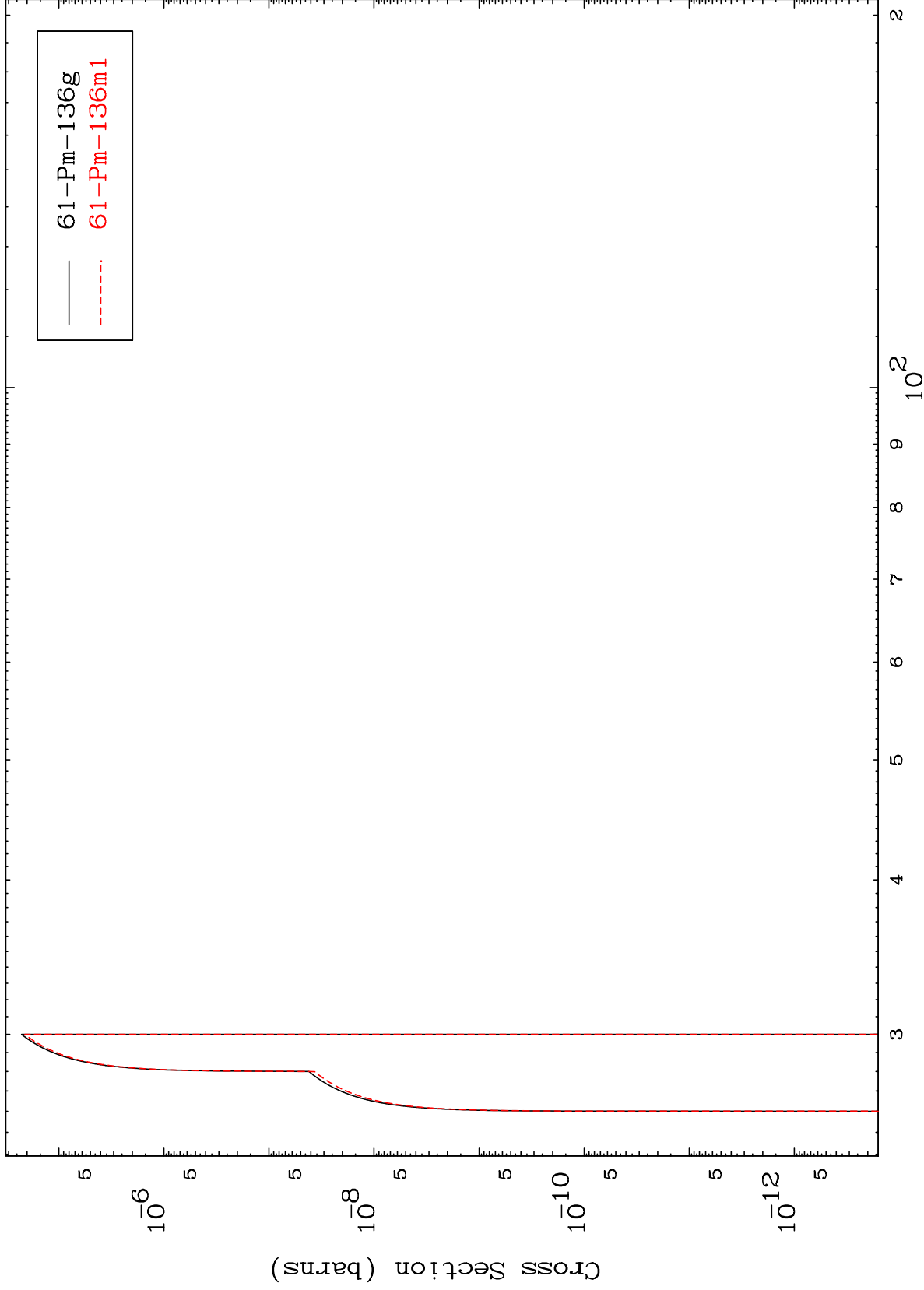
62-Sm-139

MAT 6210

$(\gamma, 2n)$ p

62-Sm-139

Radionuclide Production Cross Section



13

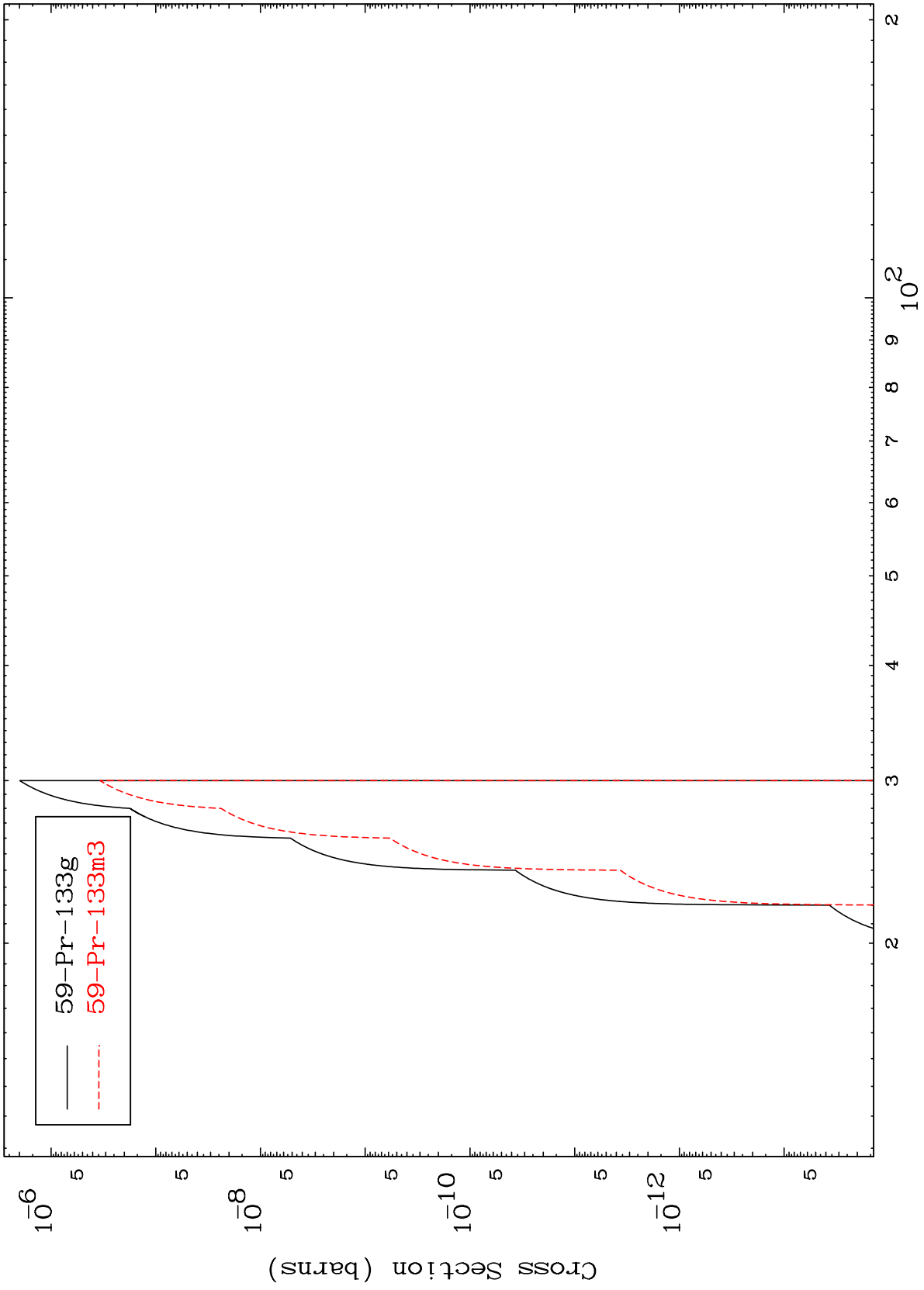
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

(γ, n') p α
Radionuclide Production Cross Section



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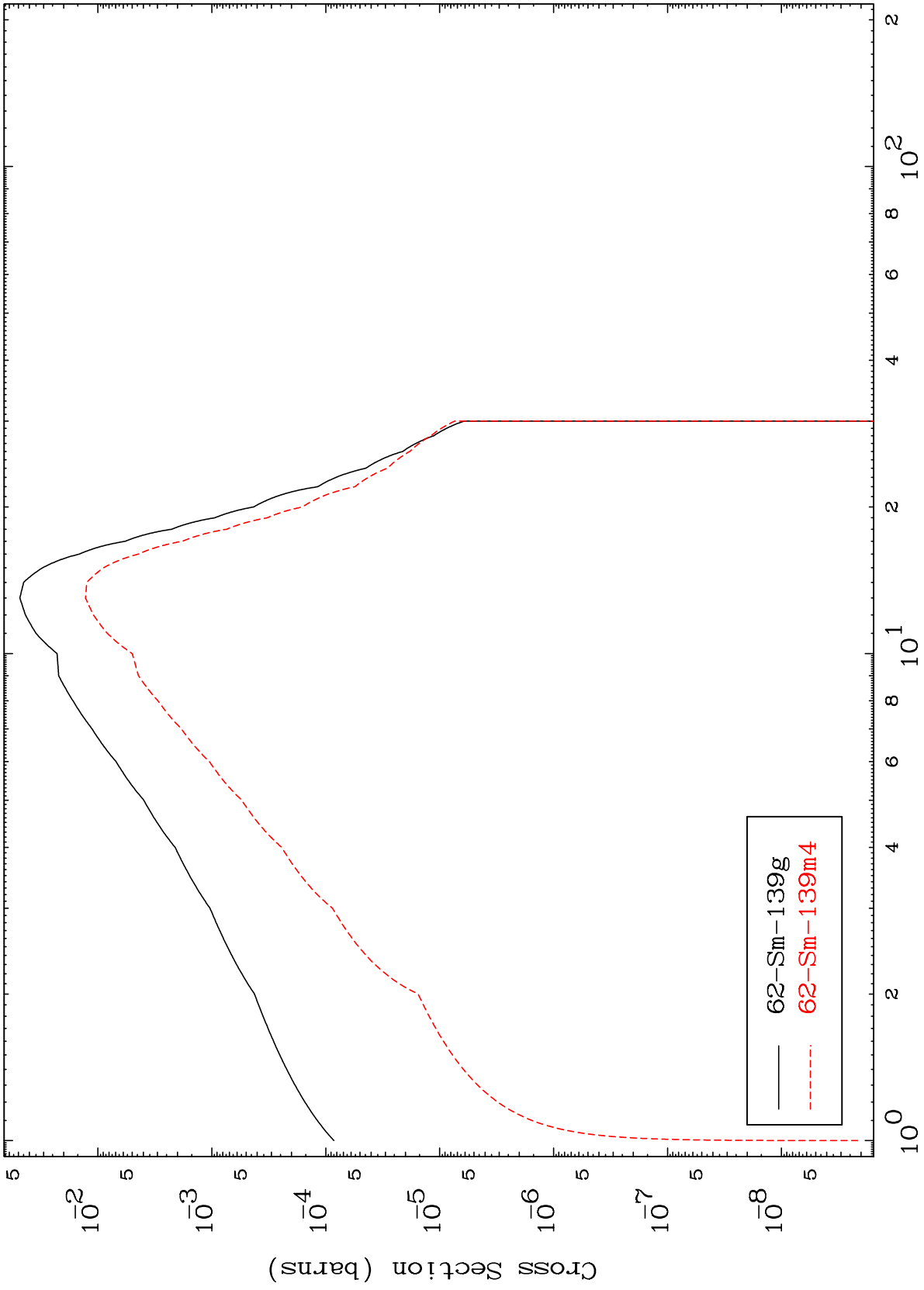
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

Radionuclide Production Cross Section (γ, γ)



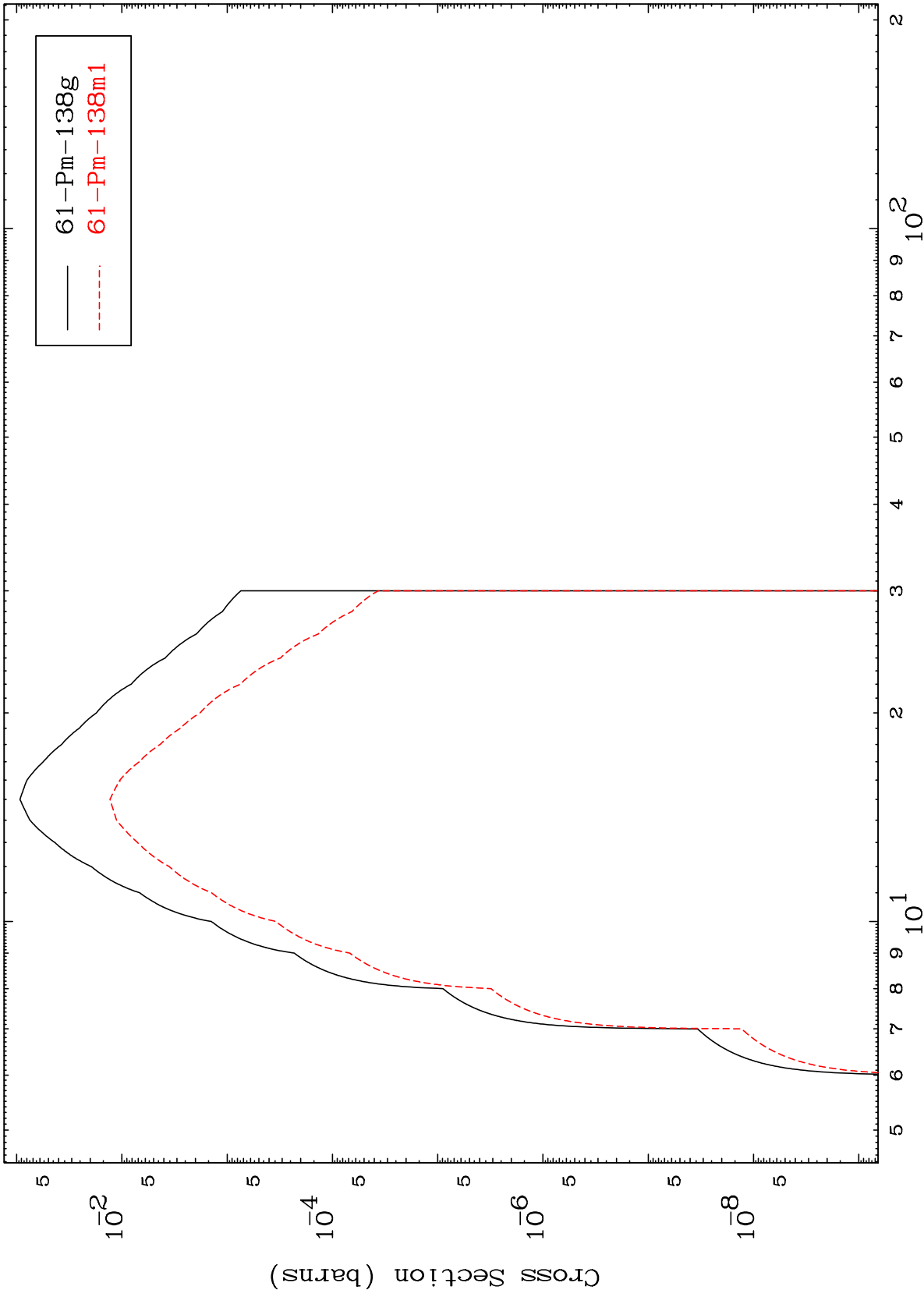
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

Radionuclide Production Cross Section
(γ, p)



16

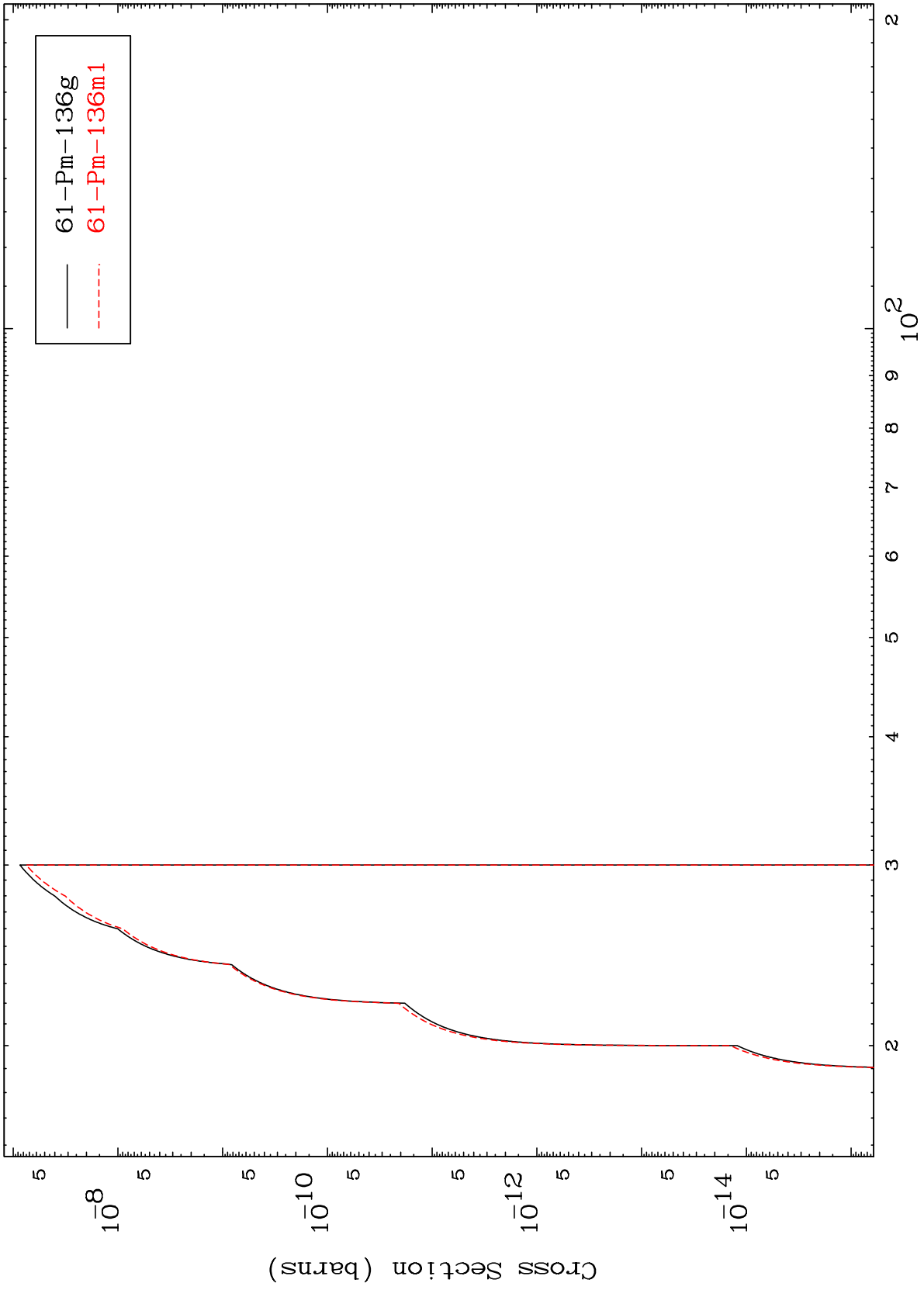
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

(γ, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

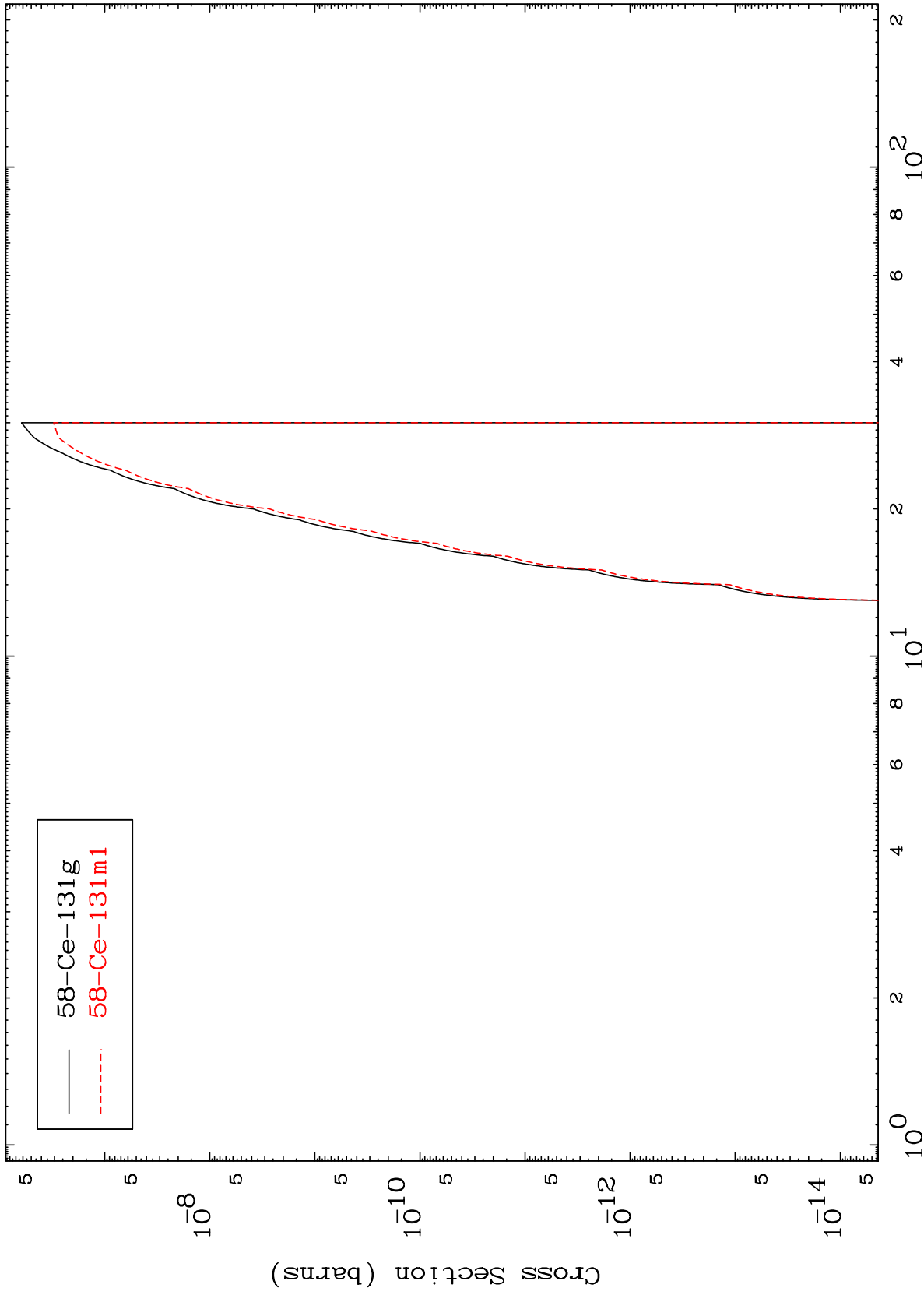
62-Sm-139

MAT 6210

($\gamma, 2\alpha$)

62-Sm-139

Radionuclide Production Cross Section



58-Ce-131g
58-Ce-131m1

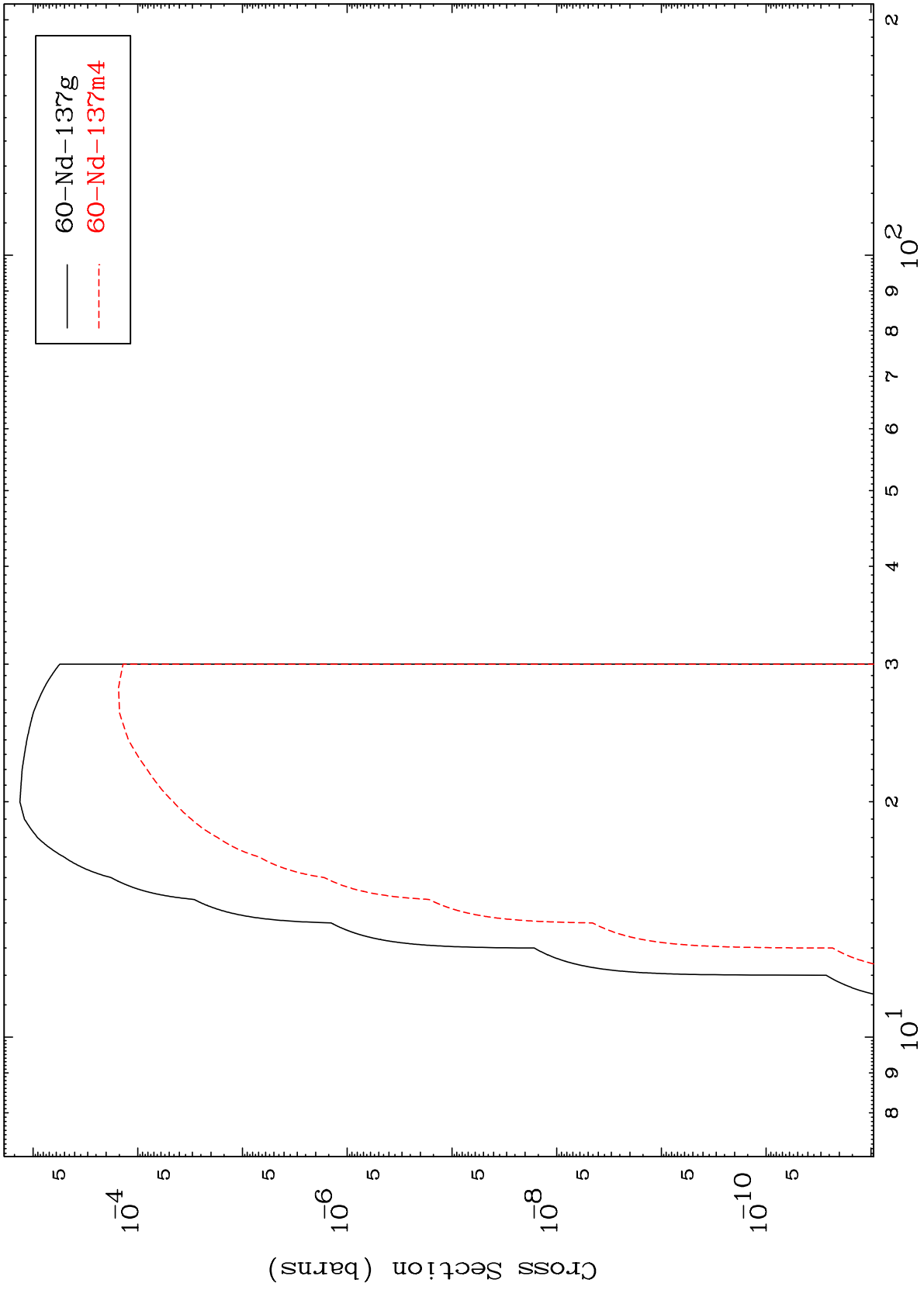
Incident Energy (MeV)

62-Sm-139

MAT 6210

62-Sm-139

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



19

Incident Energy (MeV)

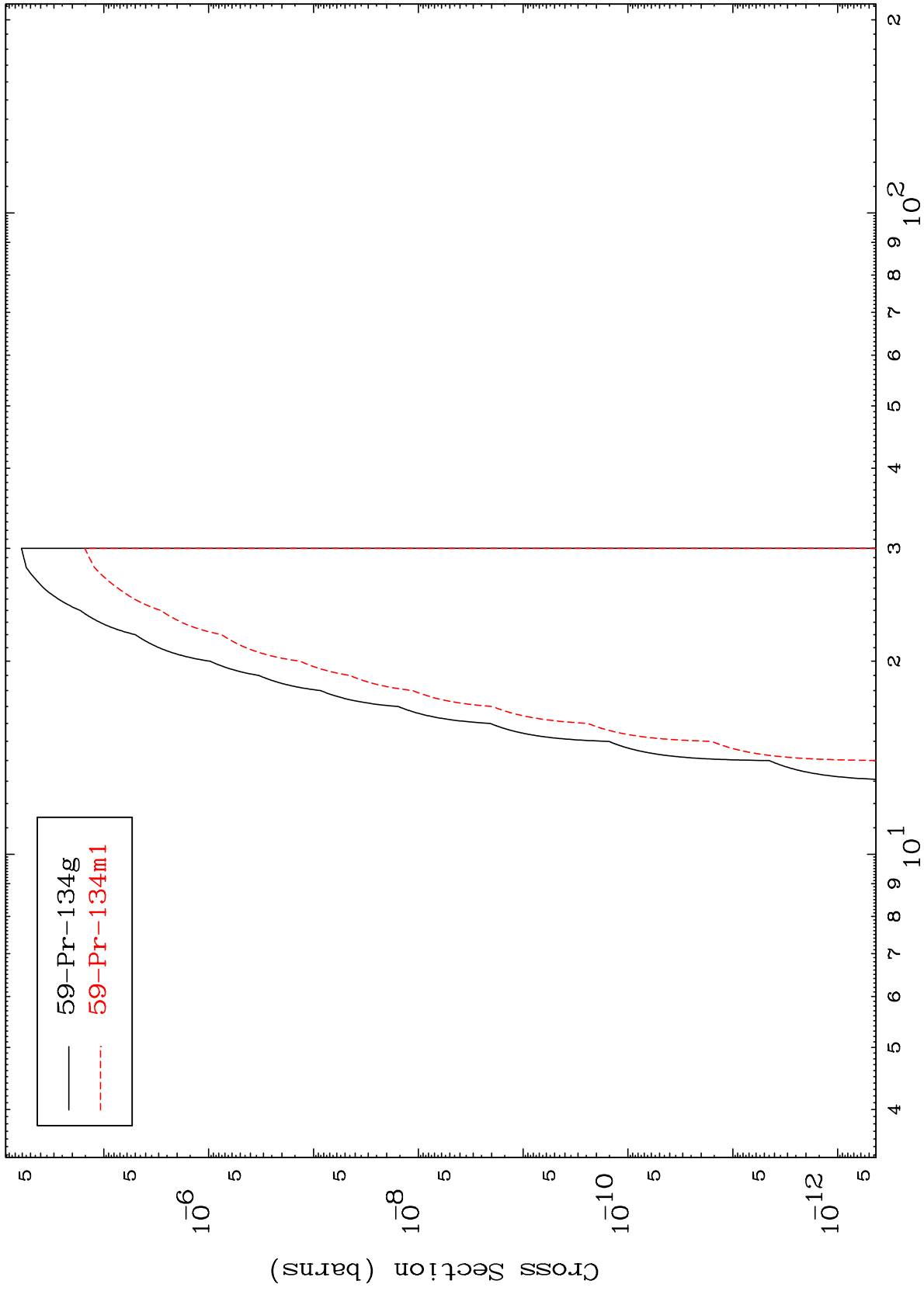
62-Sm-139

MAT 6210

(γ, p) α

62-Sm-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

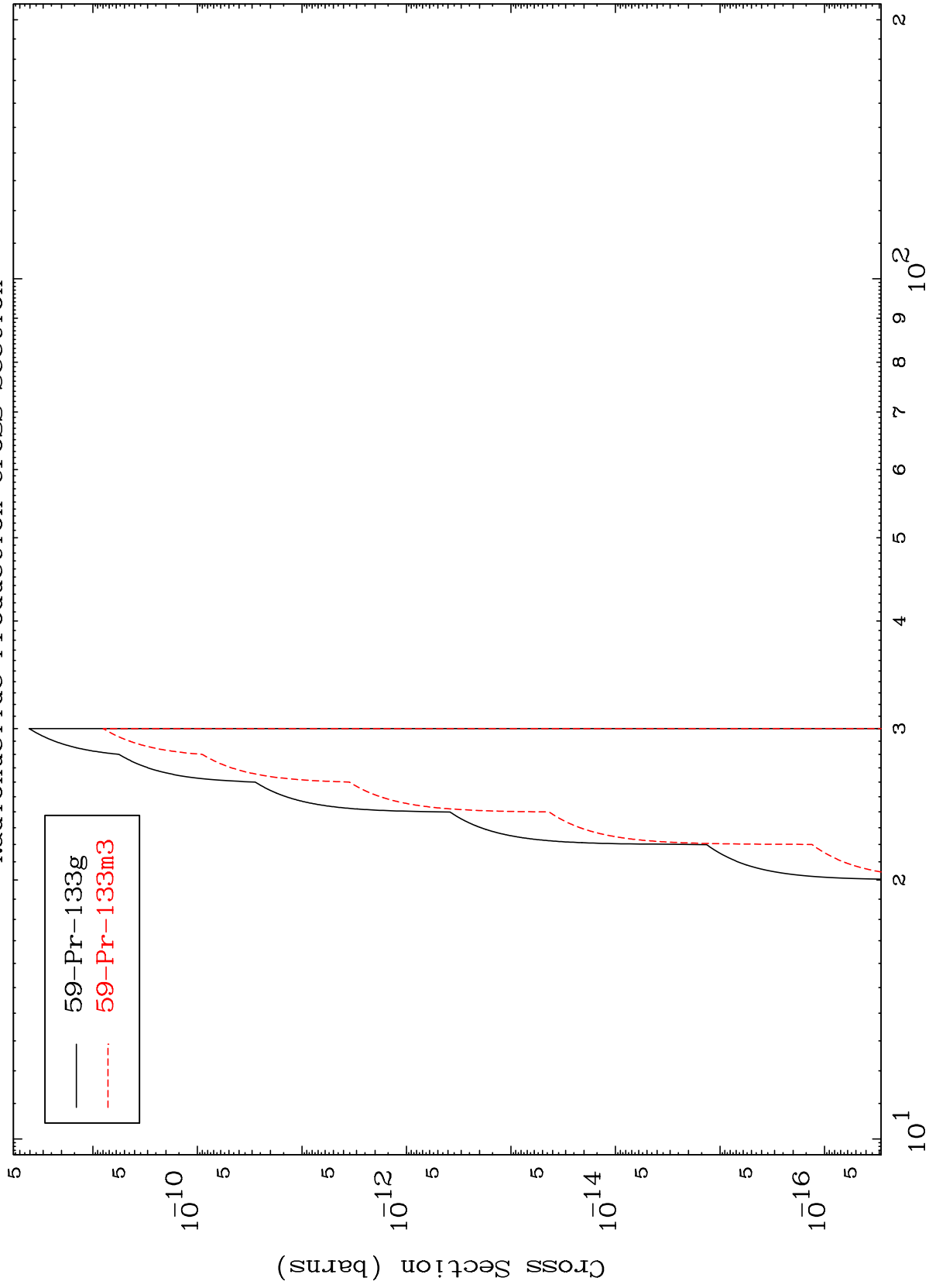
62-Sm-139

MAT 6210

(γ, d) α

62-Sm-139

Radionuclide Production Cross Section



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