

Program EVALPLOT
(Version 2017-1)

by

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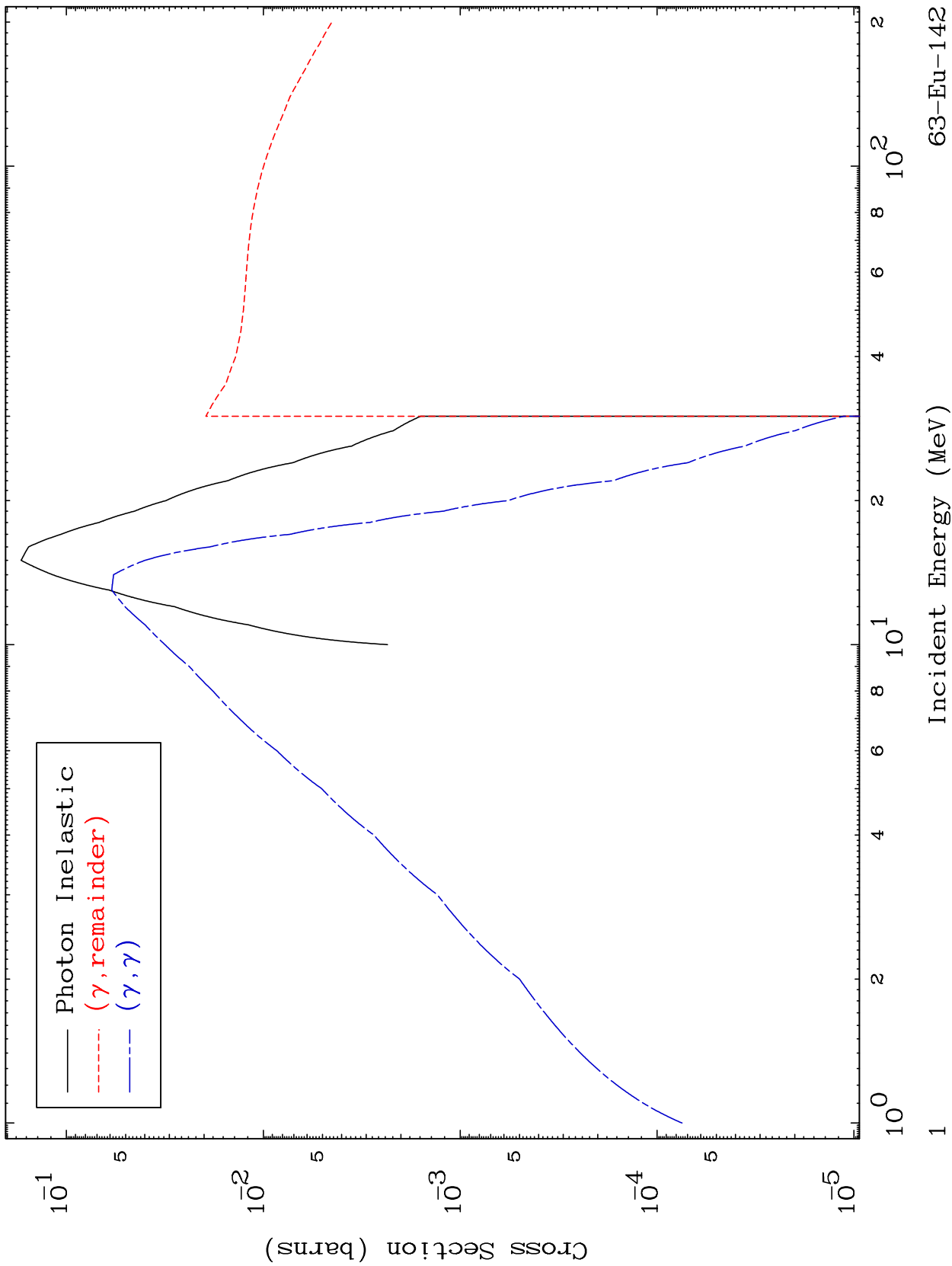
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Press Mouse Button to Start

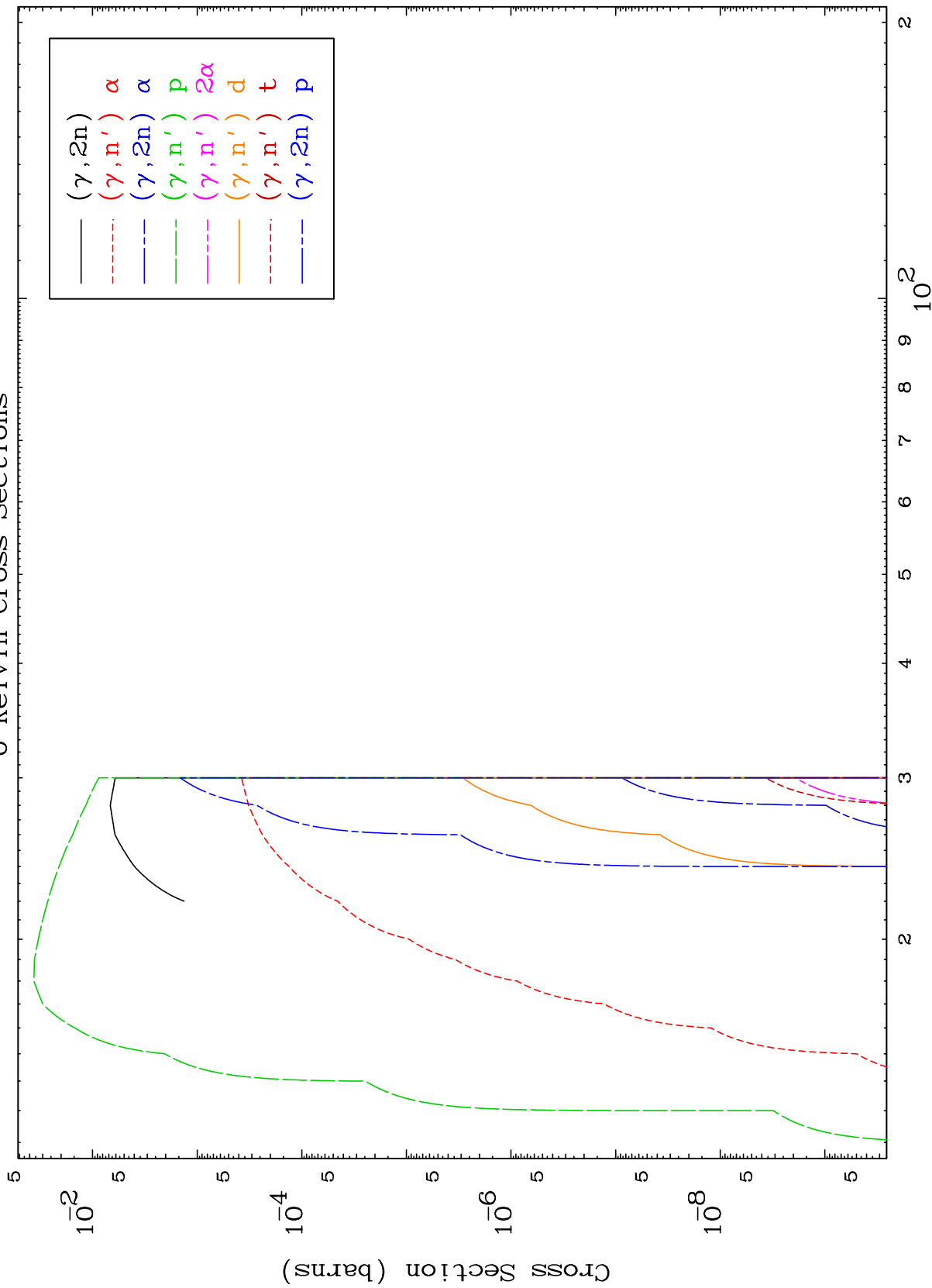
MAT 6298

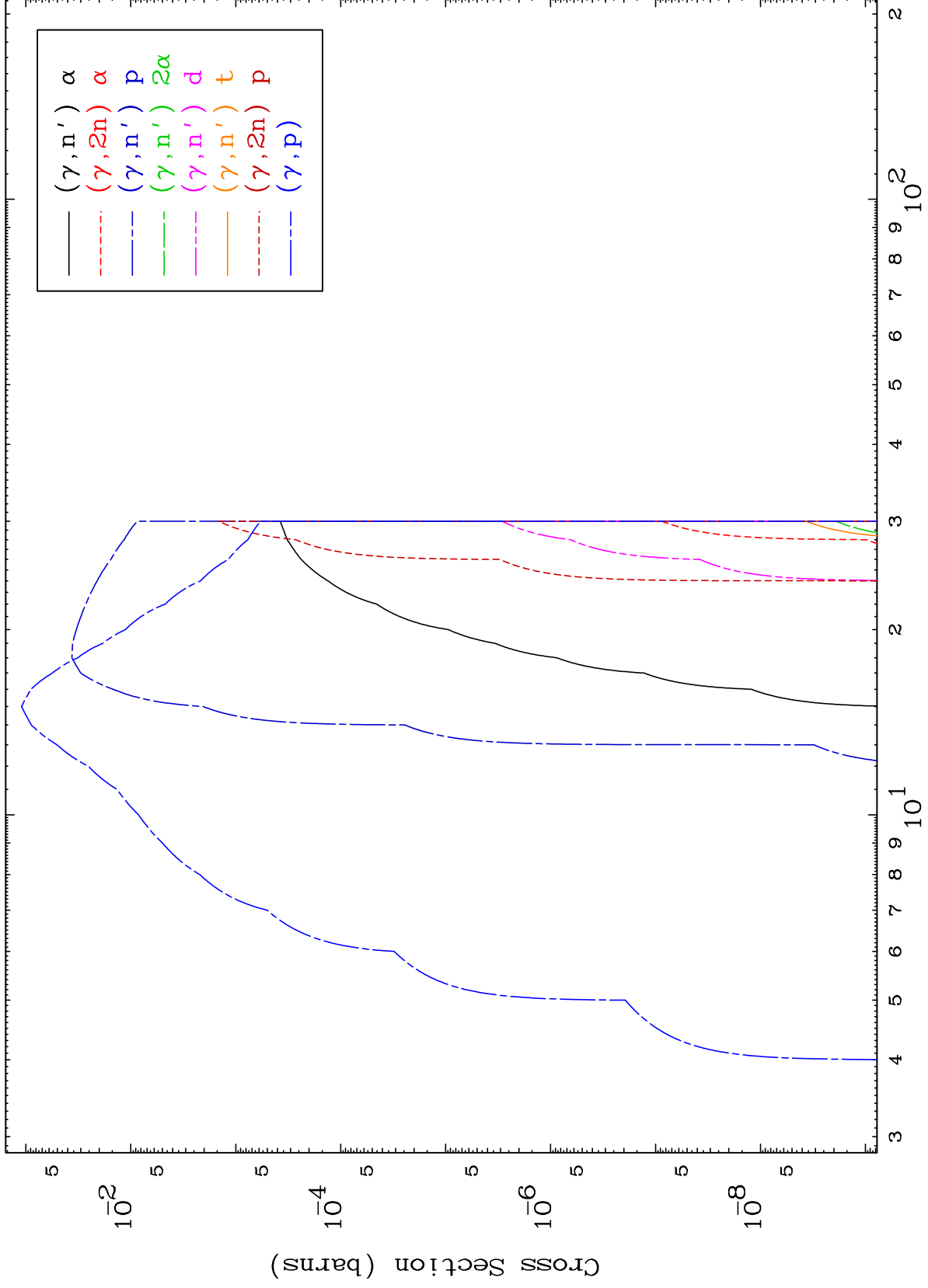
Photon Major
0 Kelvin Cross Sections

63-Eu-142



63-Eu-142

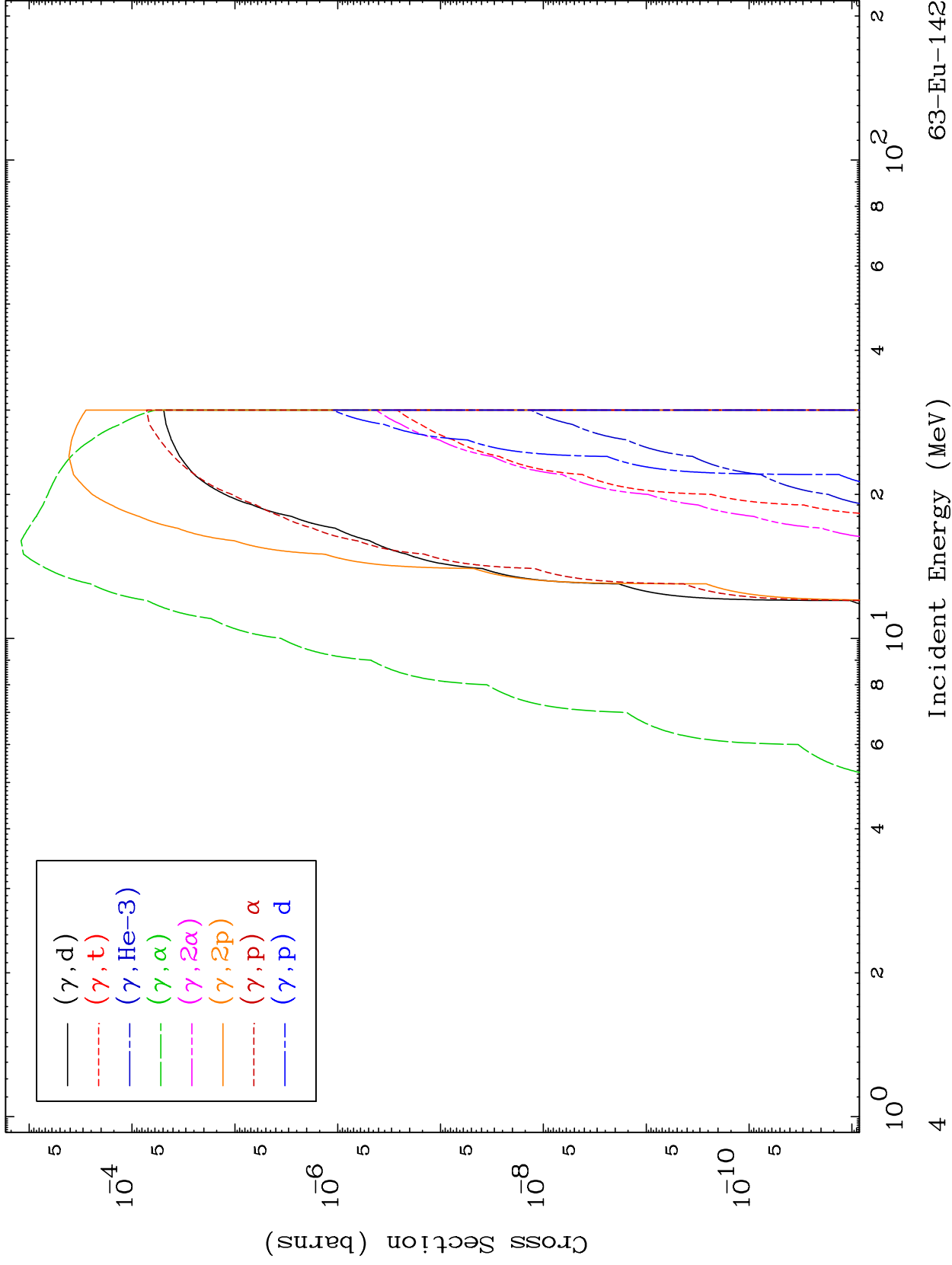




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Photon Charged Particle
0 Kelvin Cross Sections

63-Eu-142

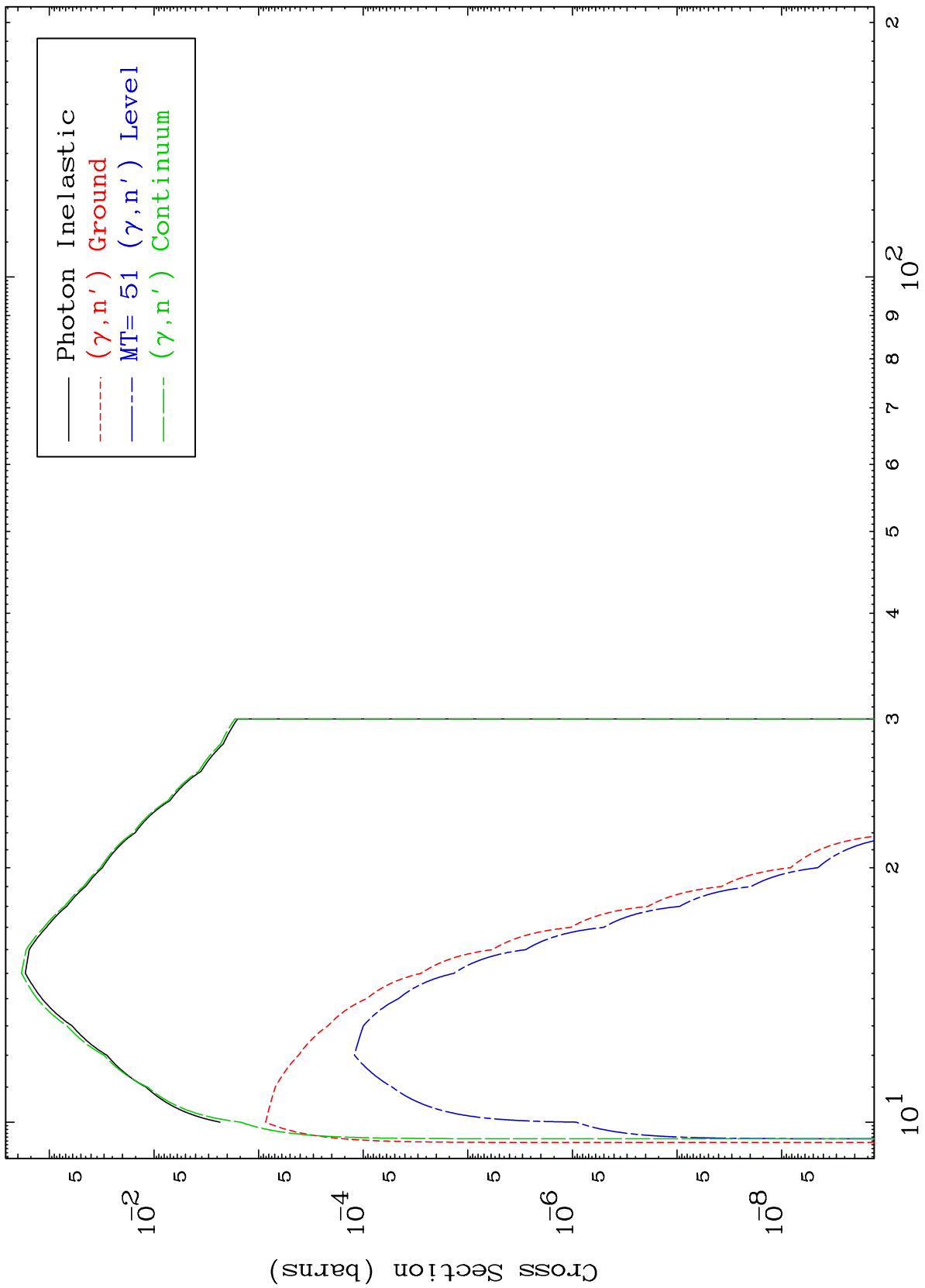


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(γ, n') Level

63-Eu-142

0 Kelvin Cross Sections



Incident Energy (MeV)

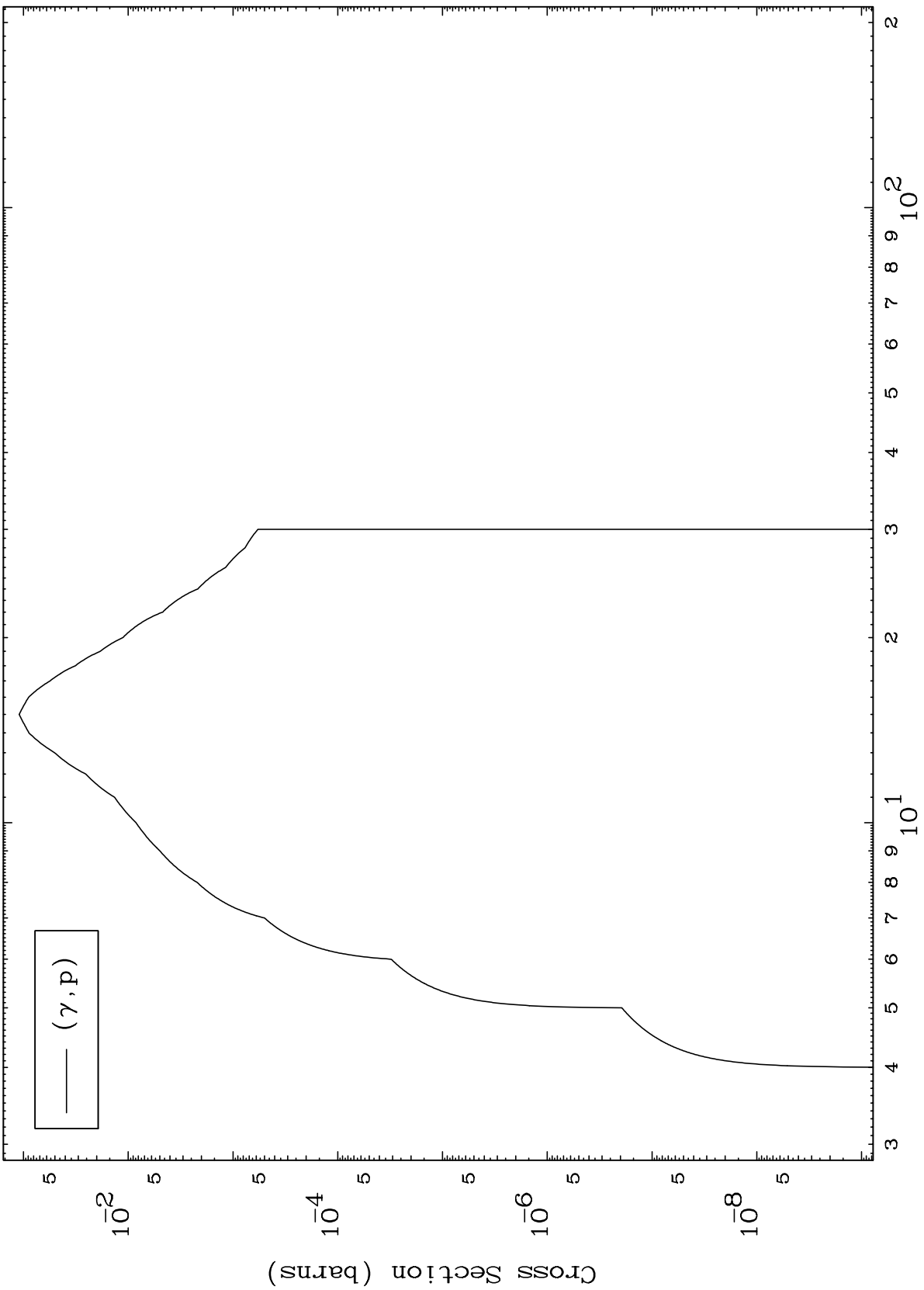
63-Eu-142

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(γ, p) Levels

63-Eu-142

0 Kelvin Cross Sections



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Incident Energy (MeV)

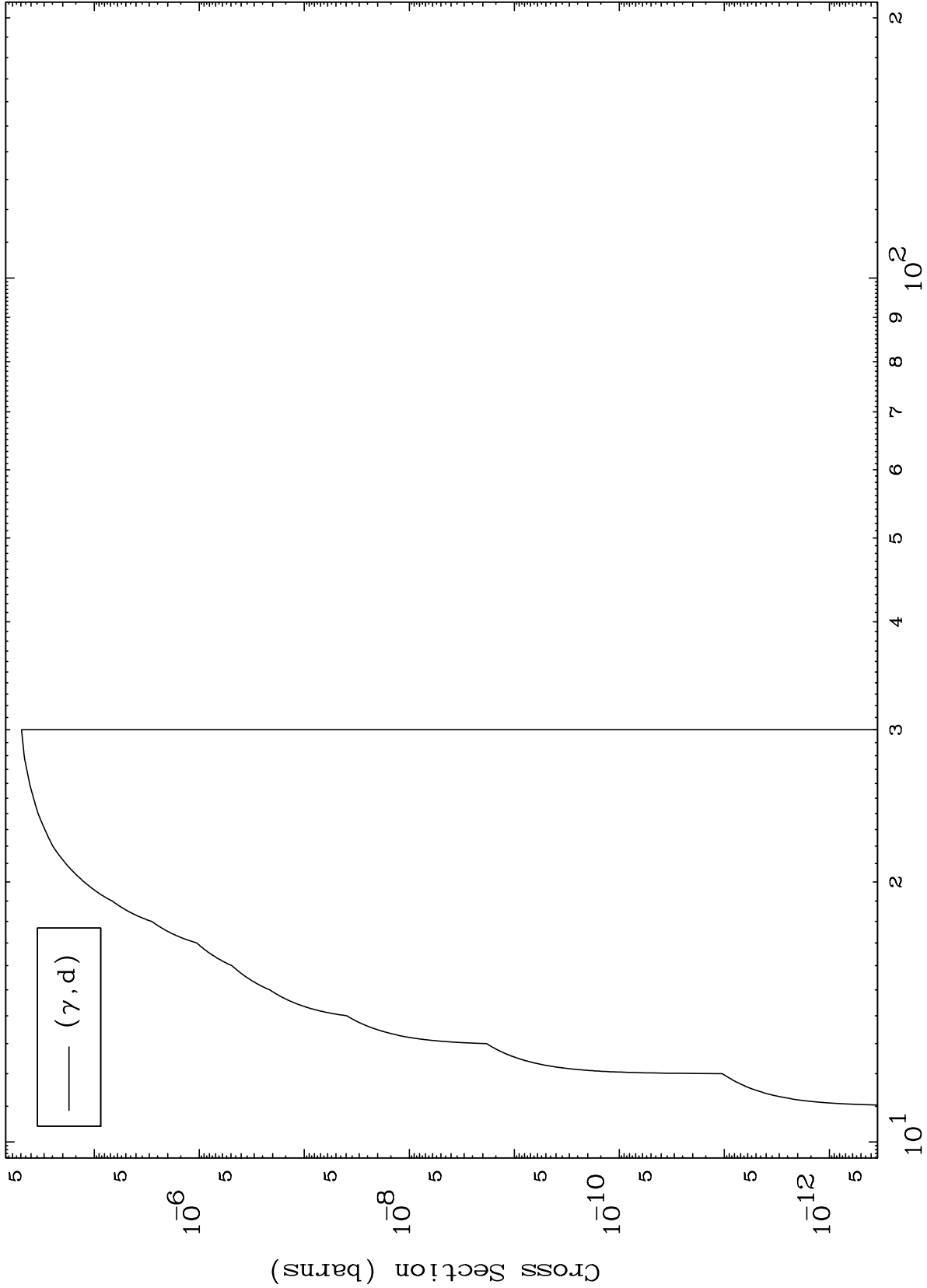
63-Eu-142

MAT 6298

(γ, d) Levels

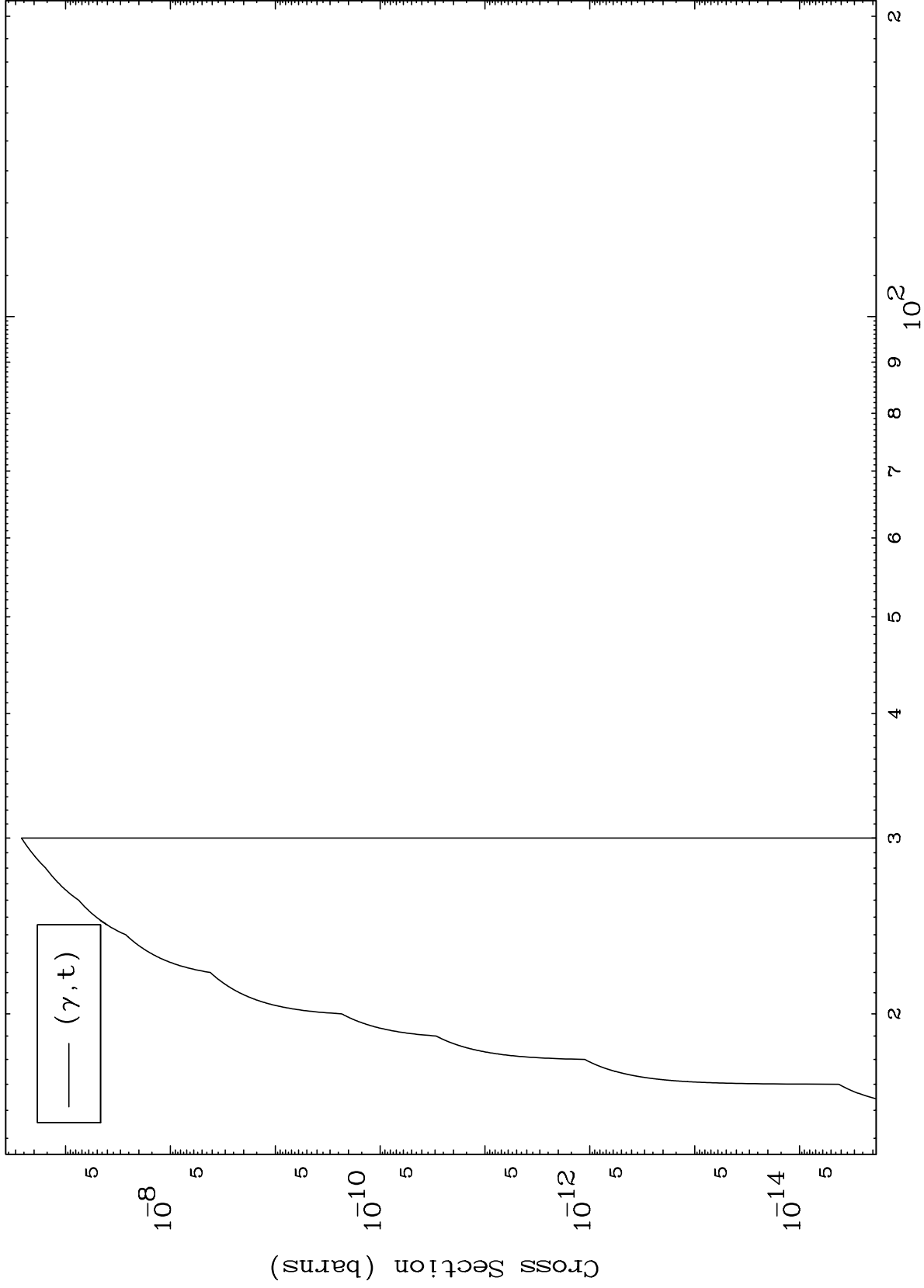
63-Eu-142

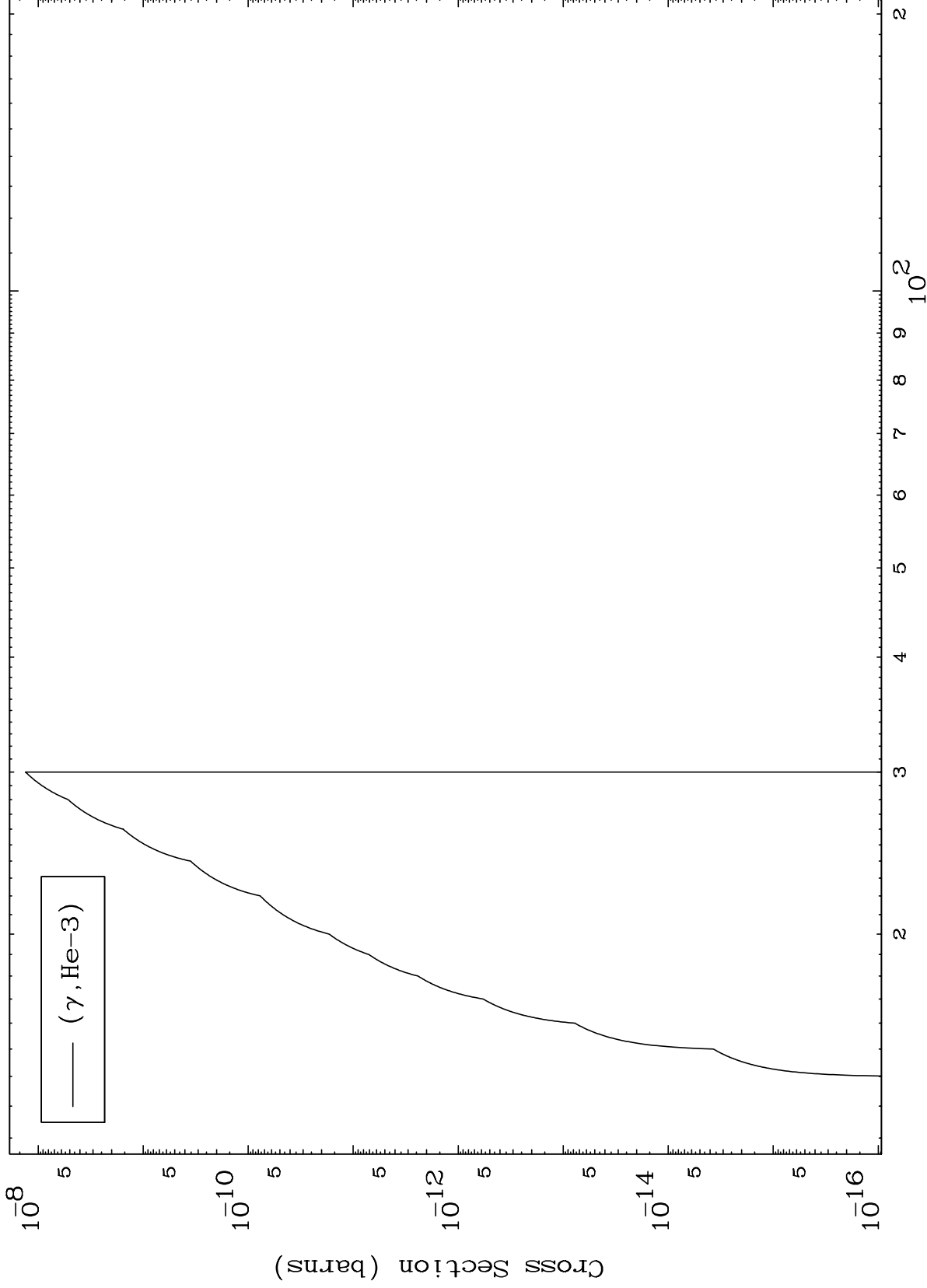
0 Kelvin Cross Sections



Incident Energy (MeV)

63-Eu-142

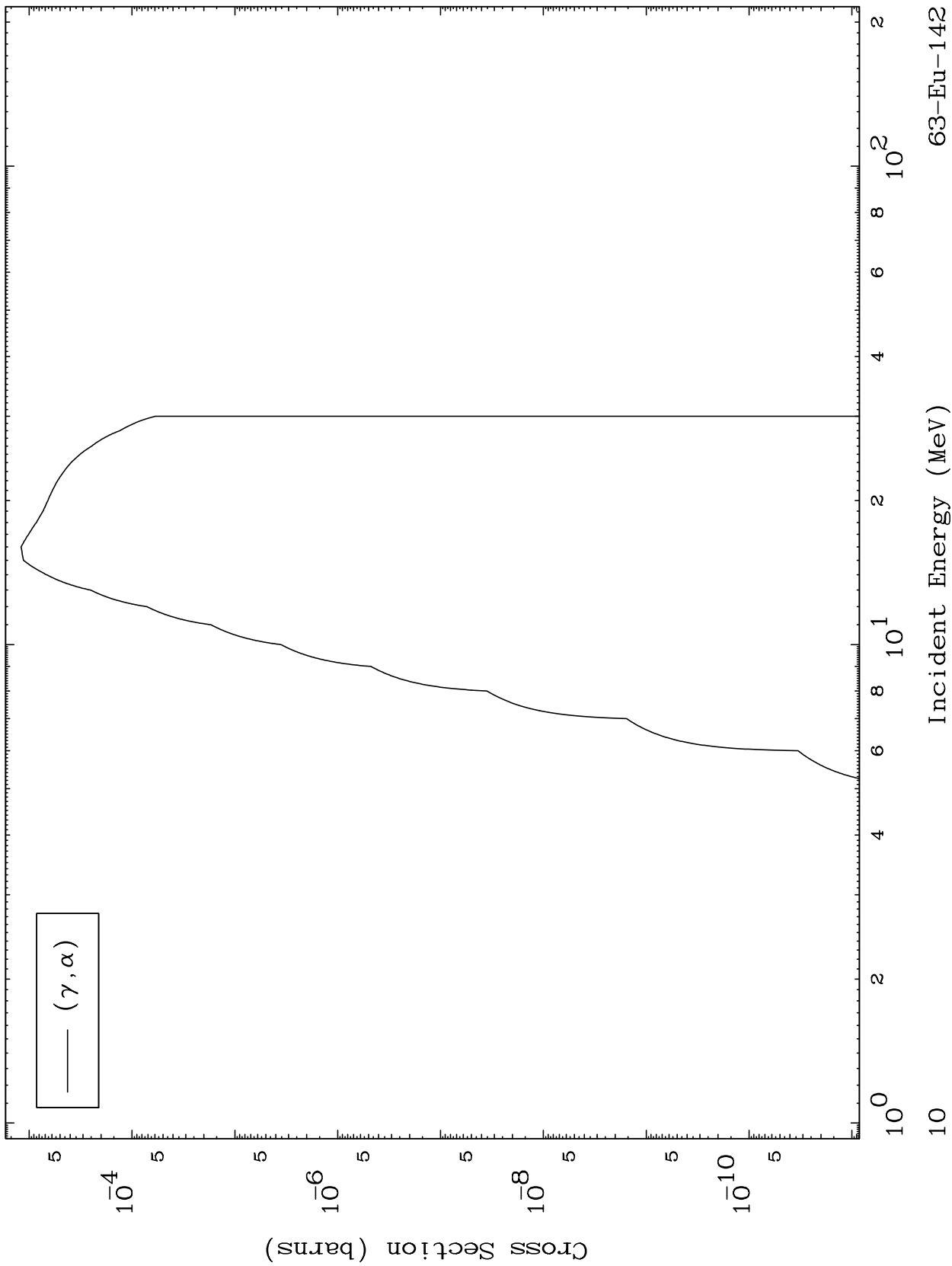




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63-Eu-142

(γ, α) Levels
0 Kelvin Cross Sections



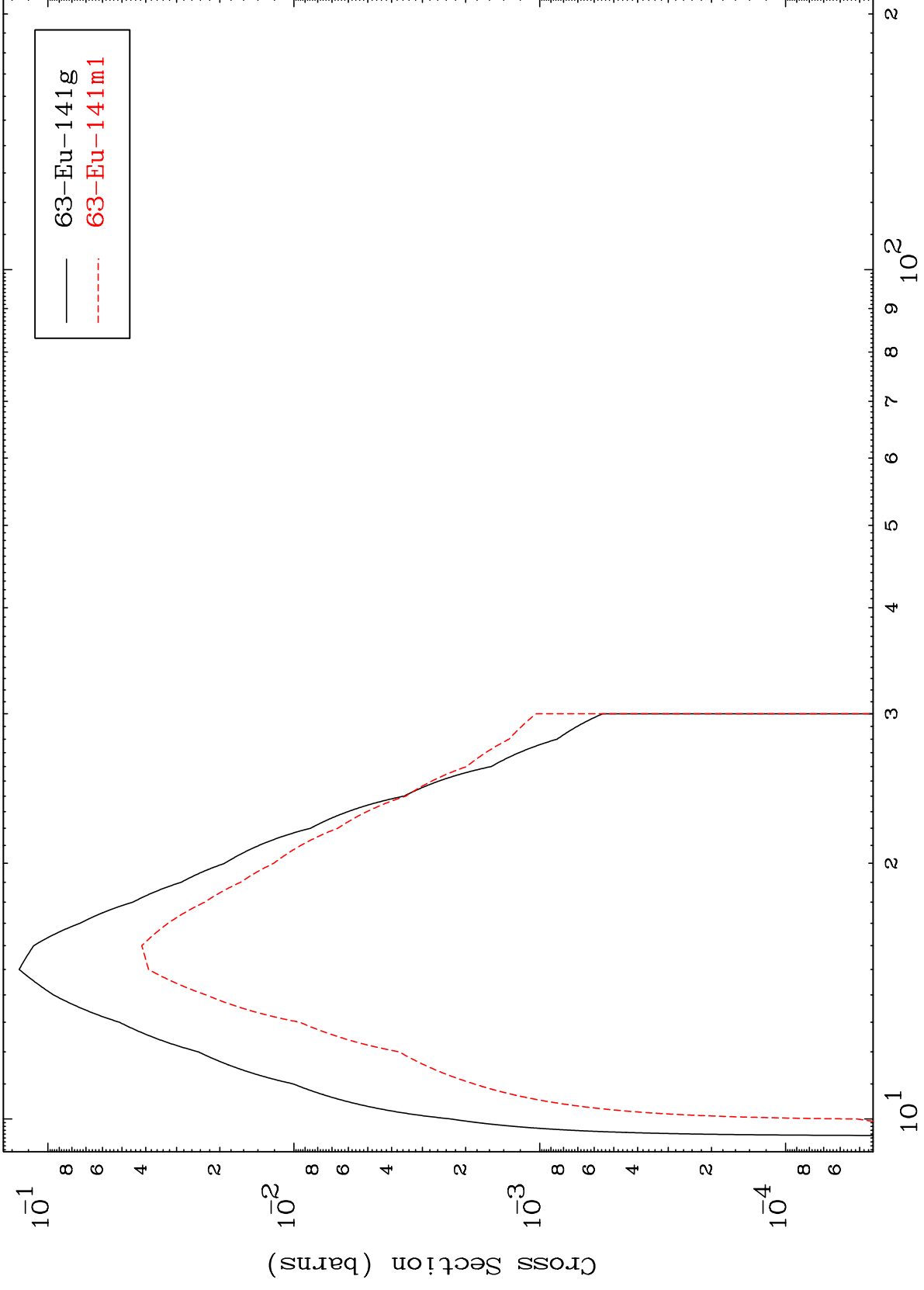
63-Eu-142

Incident Energy (MeV)

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Photon Inelastic
Radionuclide Production Cross Section

63-Eu-142



63-Eu-141g
63-Eu-141m1

Incident Energy (MeV)

63-Eu-142

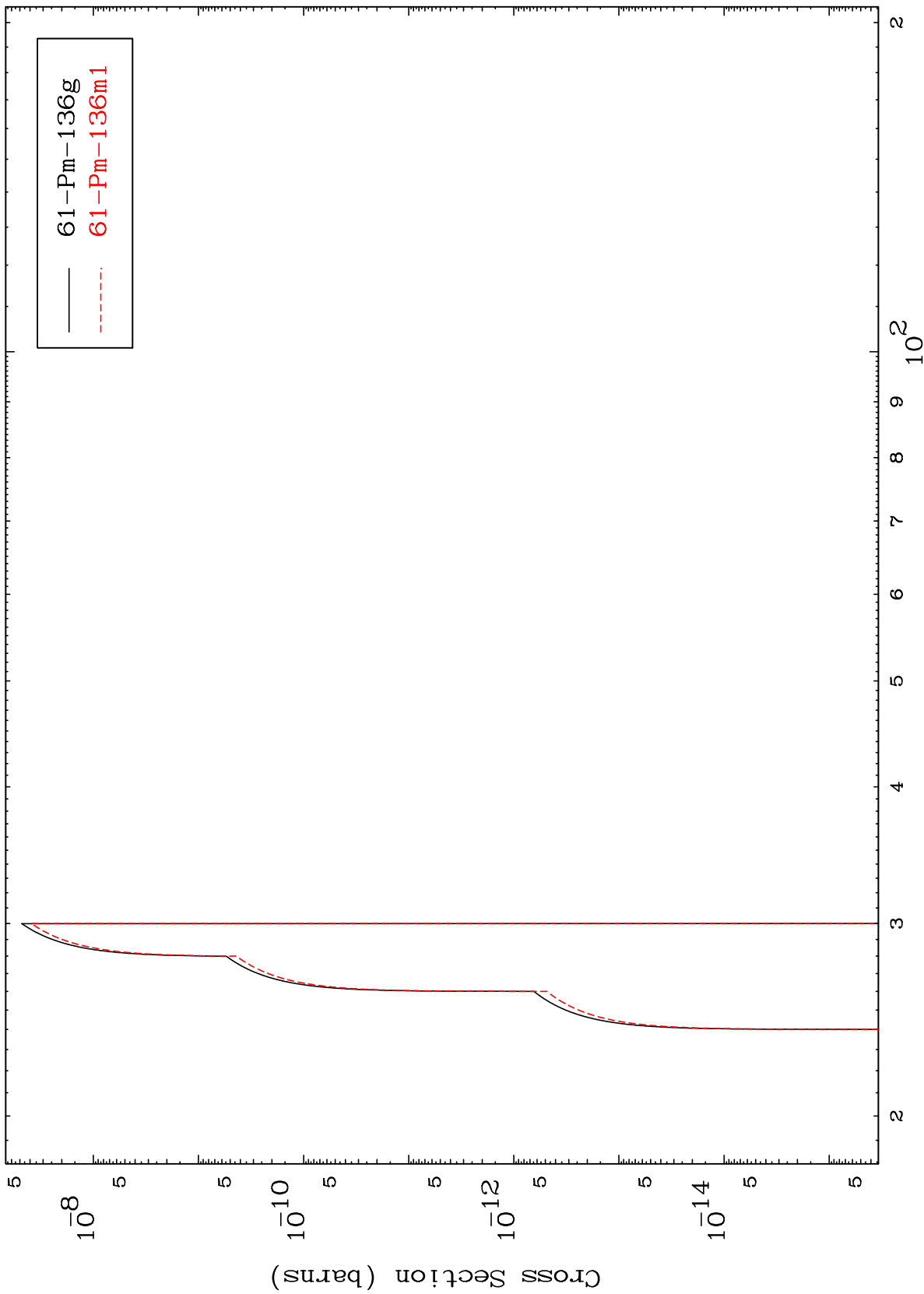
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63-Eu-142

$(\gamma, 2n) \alpha$

Radionuclide Production Cross Section



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Incident Energy (MeV)

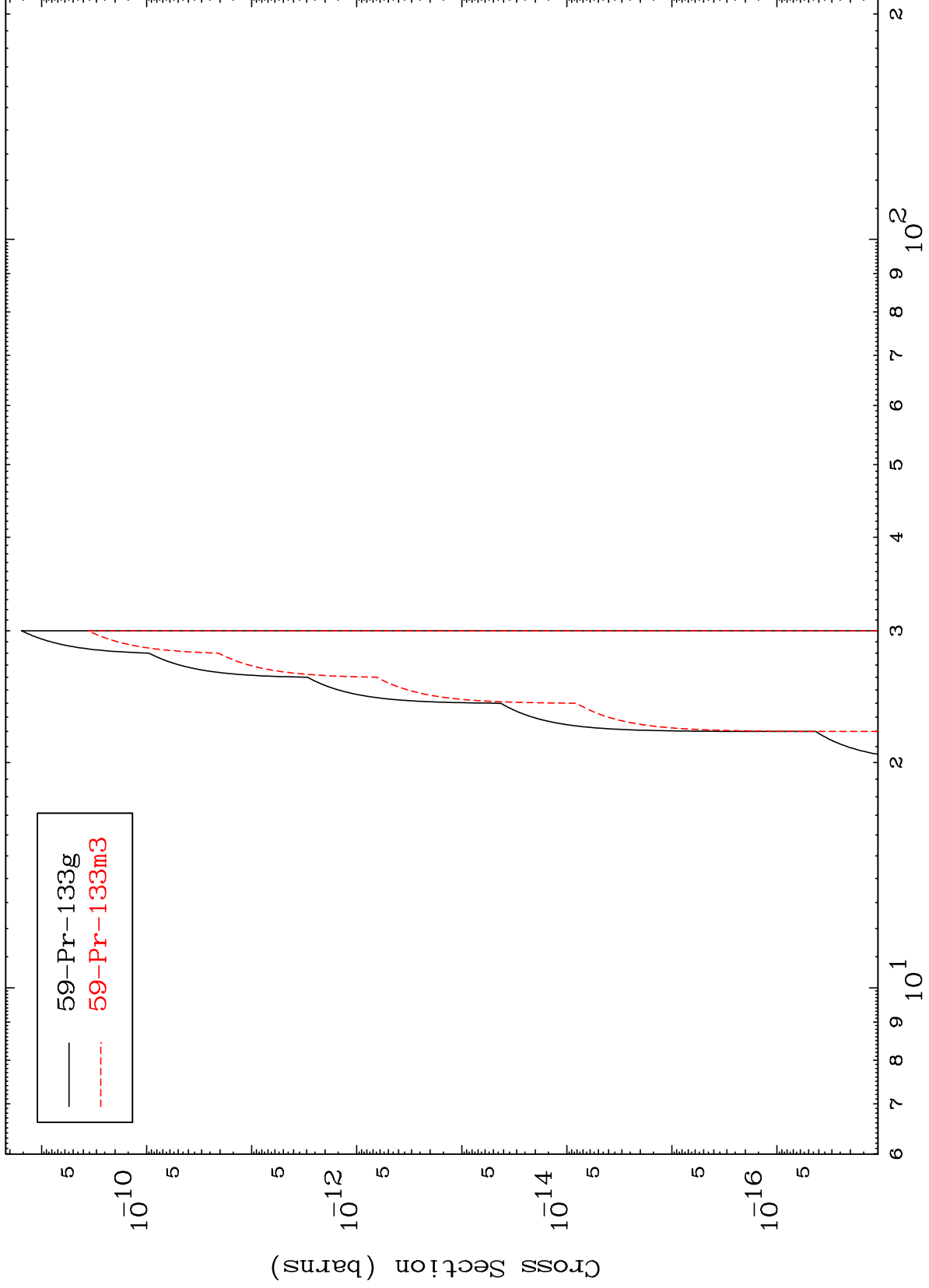
63-Eu-142

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(γ, n') 2α

$^{63}\text{Eu}-142$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

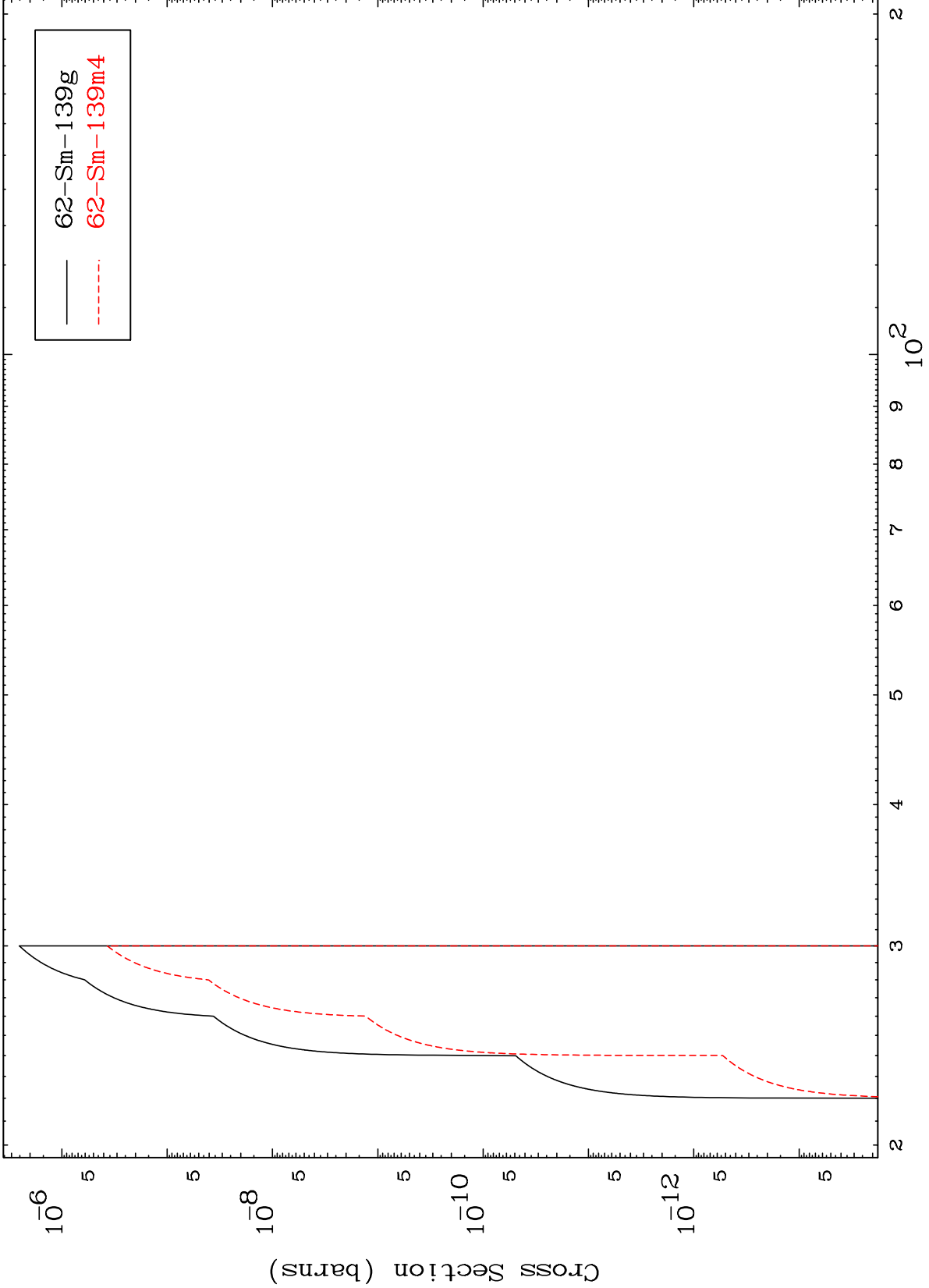
$^{63}\text{Eu}-142$

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(γ, n') d

63-Eu-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

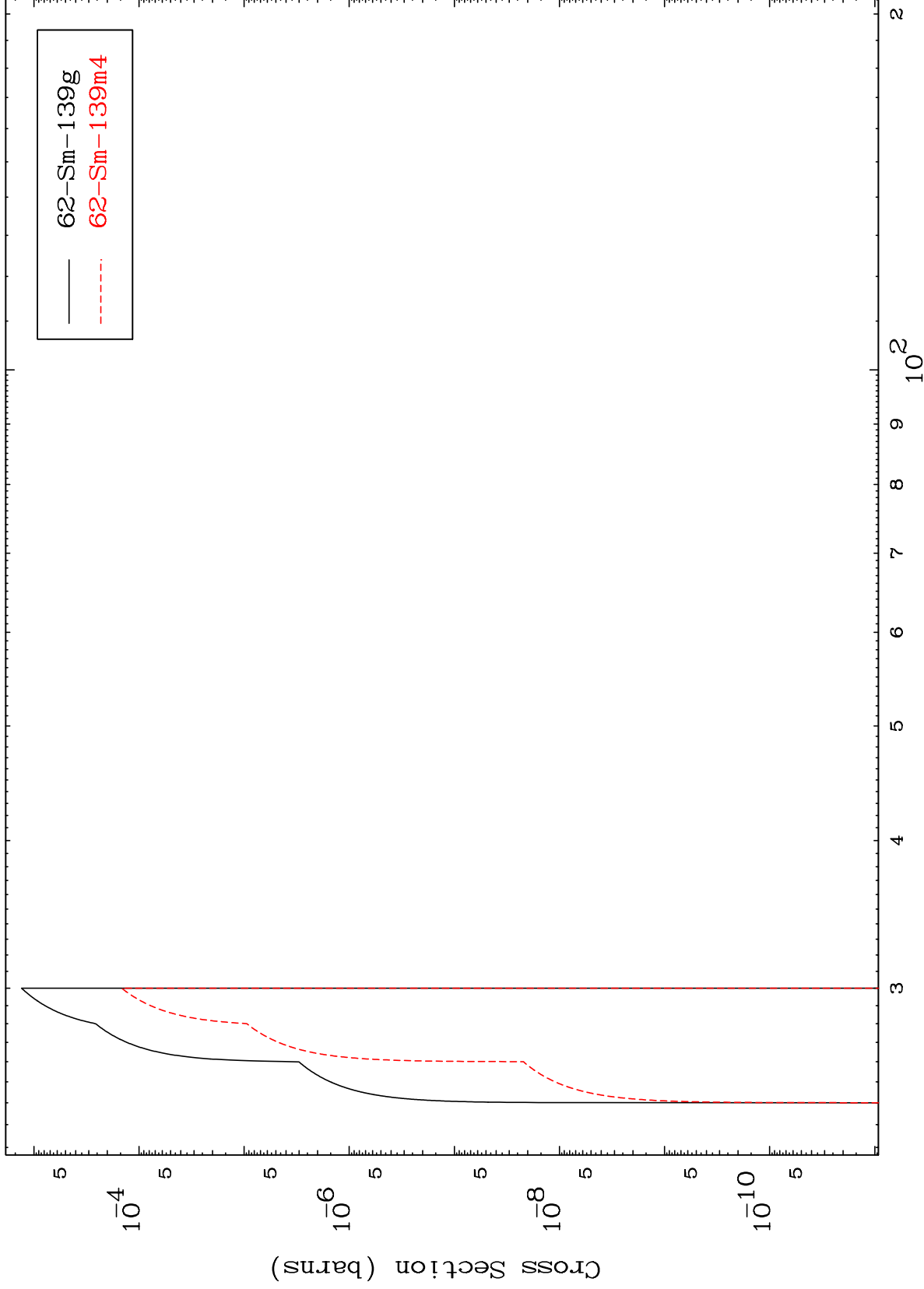
63-Eu-142

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$(\gamma, 2n)$ p

63-Eu-142

Radionuclide Production Cross Section

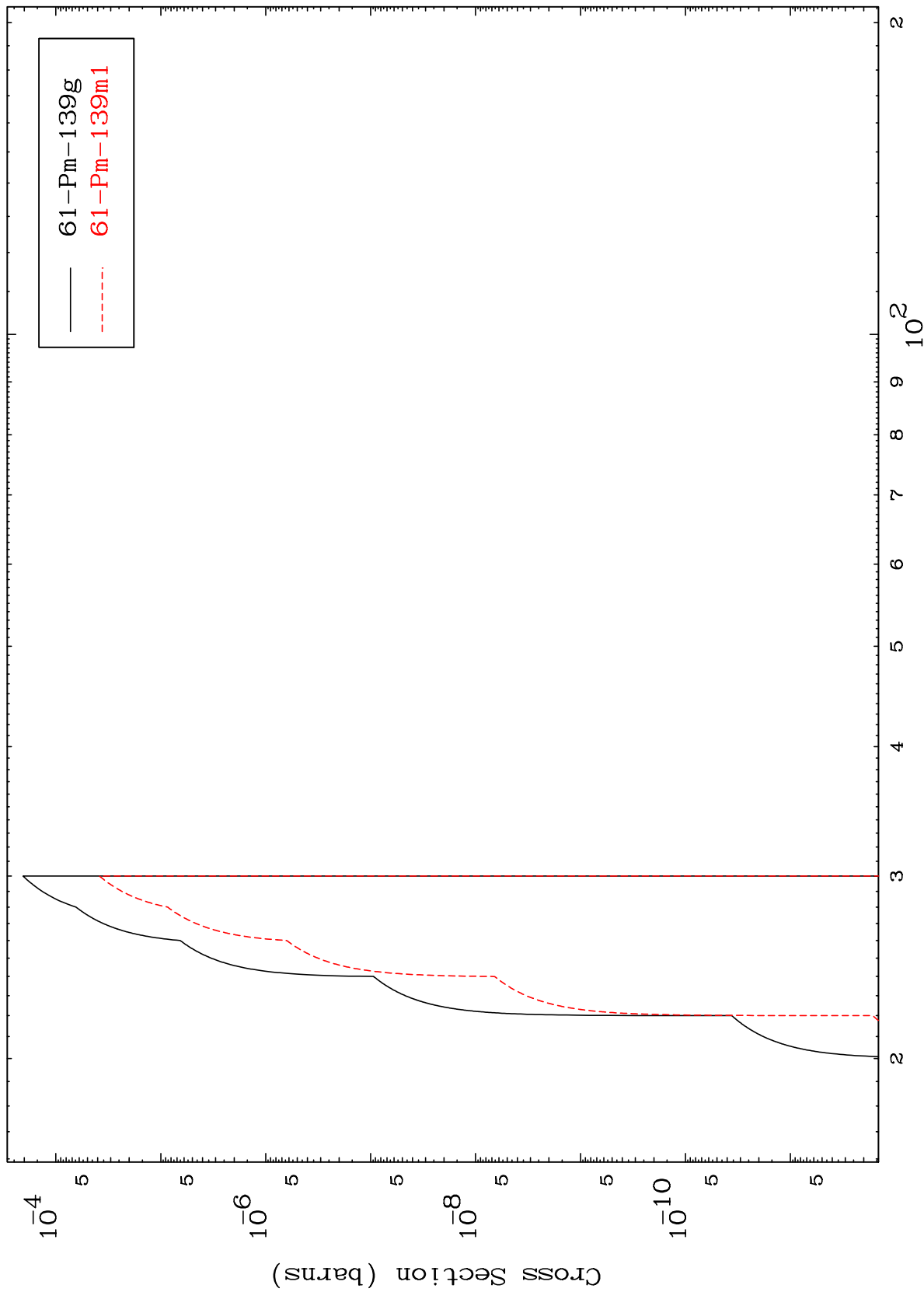


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Incident Energy (MeV)

63-Eu-142

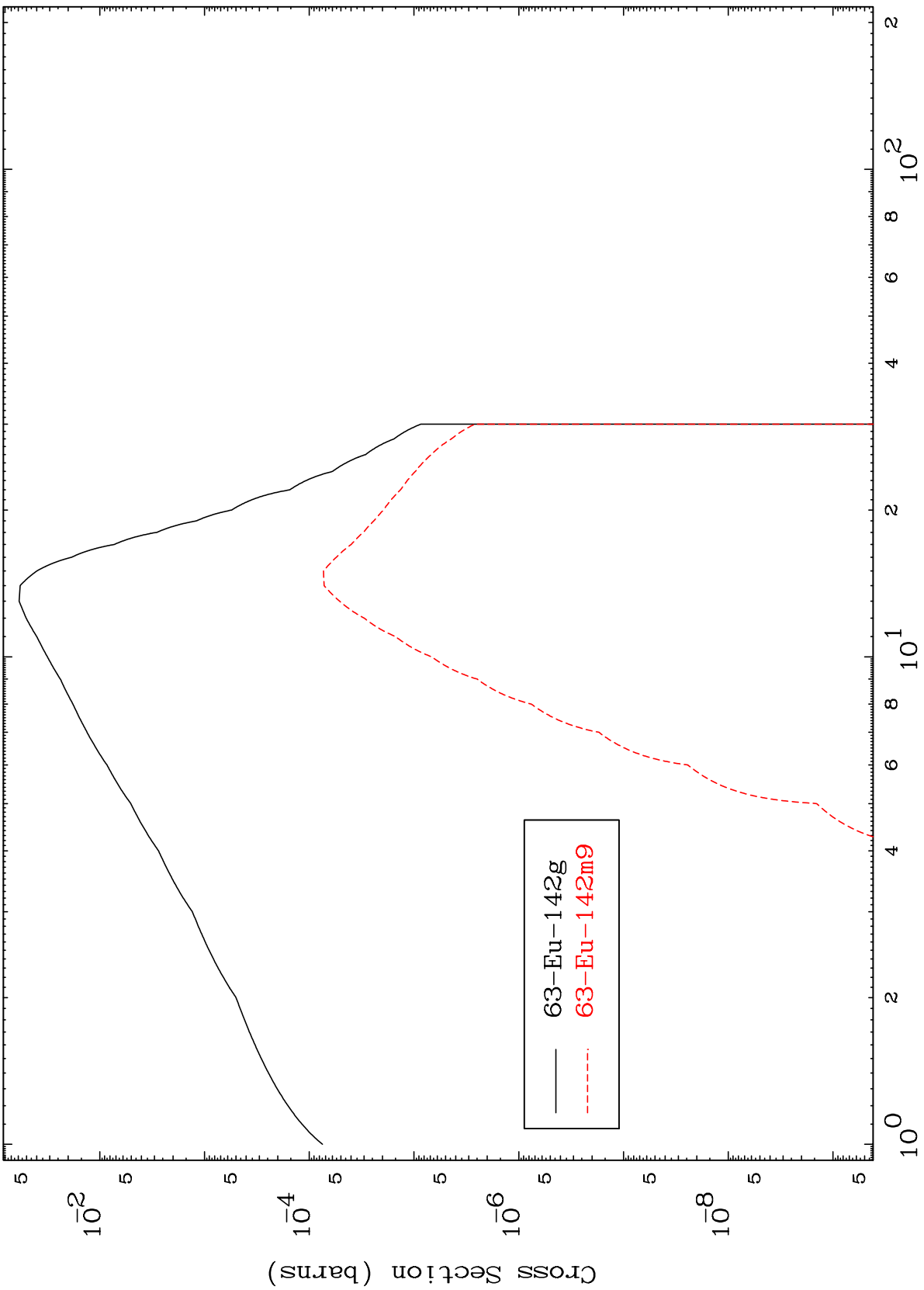
Radionuclide Production Cross Section



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63-Eu-142

(γ, γ)
Radionuclide Production Cross Section



— 63-Eu-142g
- - - 63-Eu-142m9

Incident Energy (MeV)

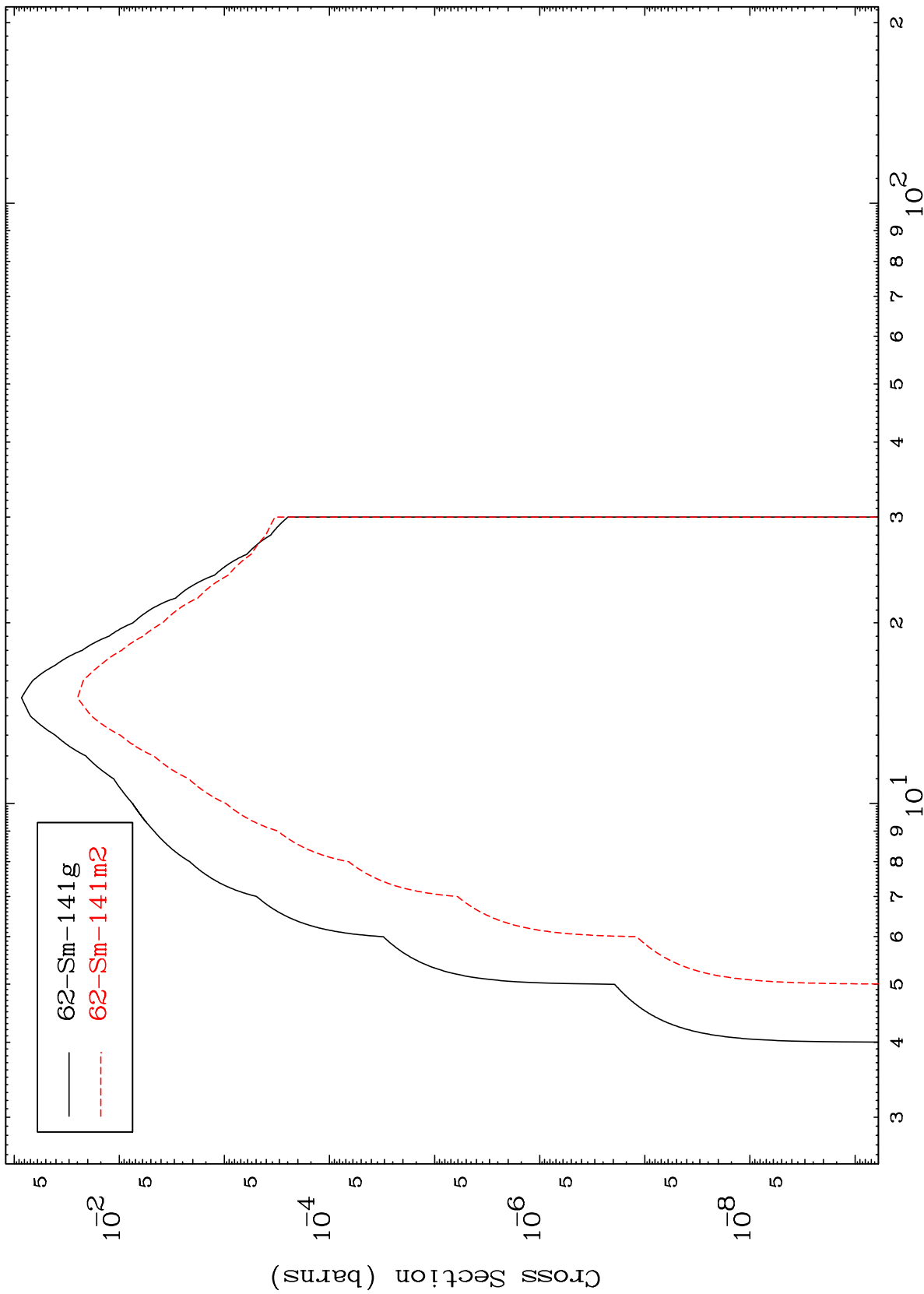
63-Eu-142

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63-Eu-142

Radionuclide Production Cross Section
(γ, p)

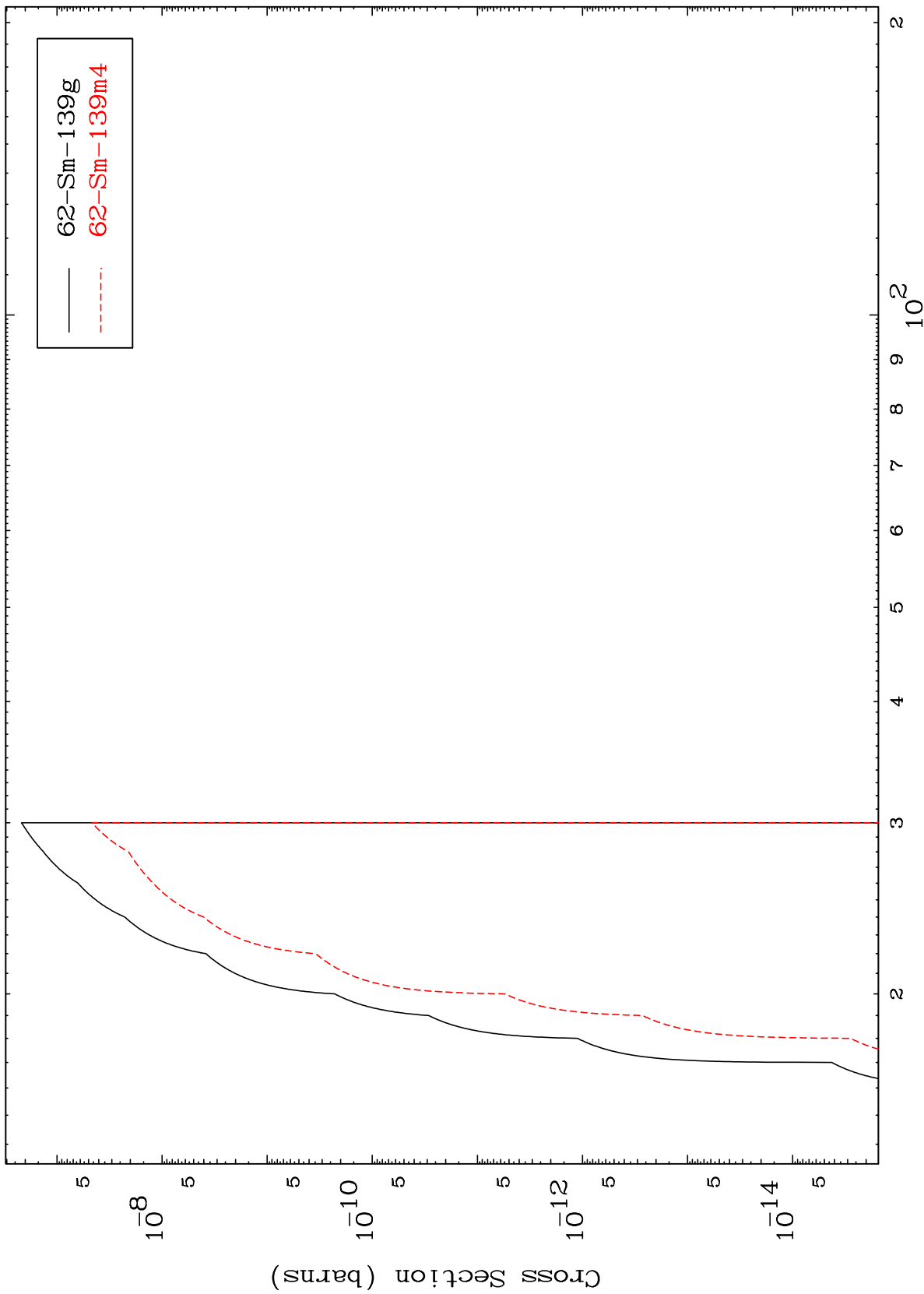


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Incident Energy (MeV)

63-Eu-142

(γ, t)
Radionuclide Production Cross Section

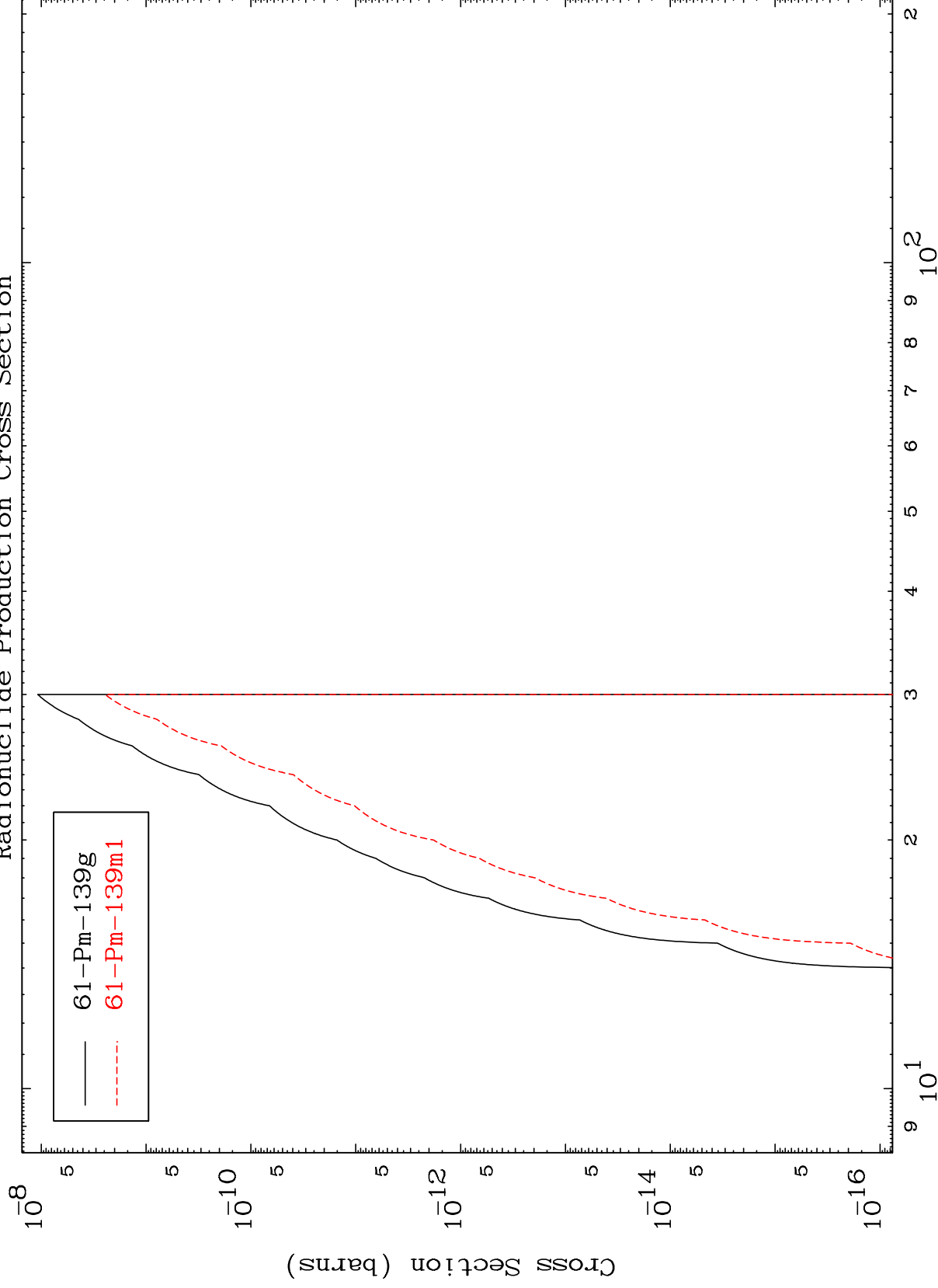


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($\gamma, \text{He-3}$)

63-Eu-142

Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

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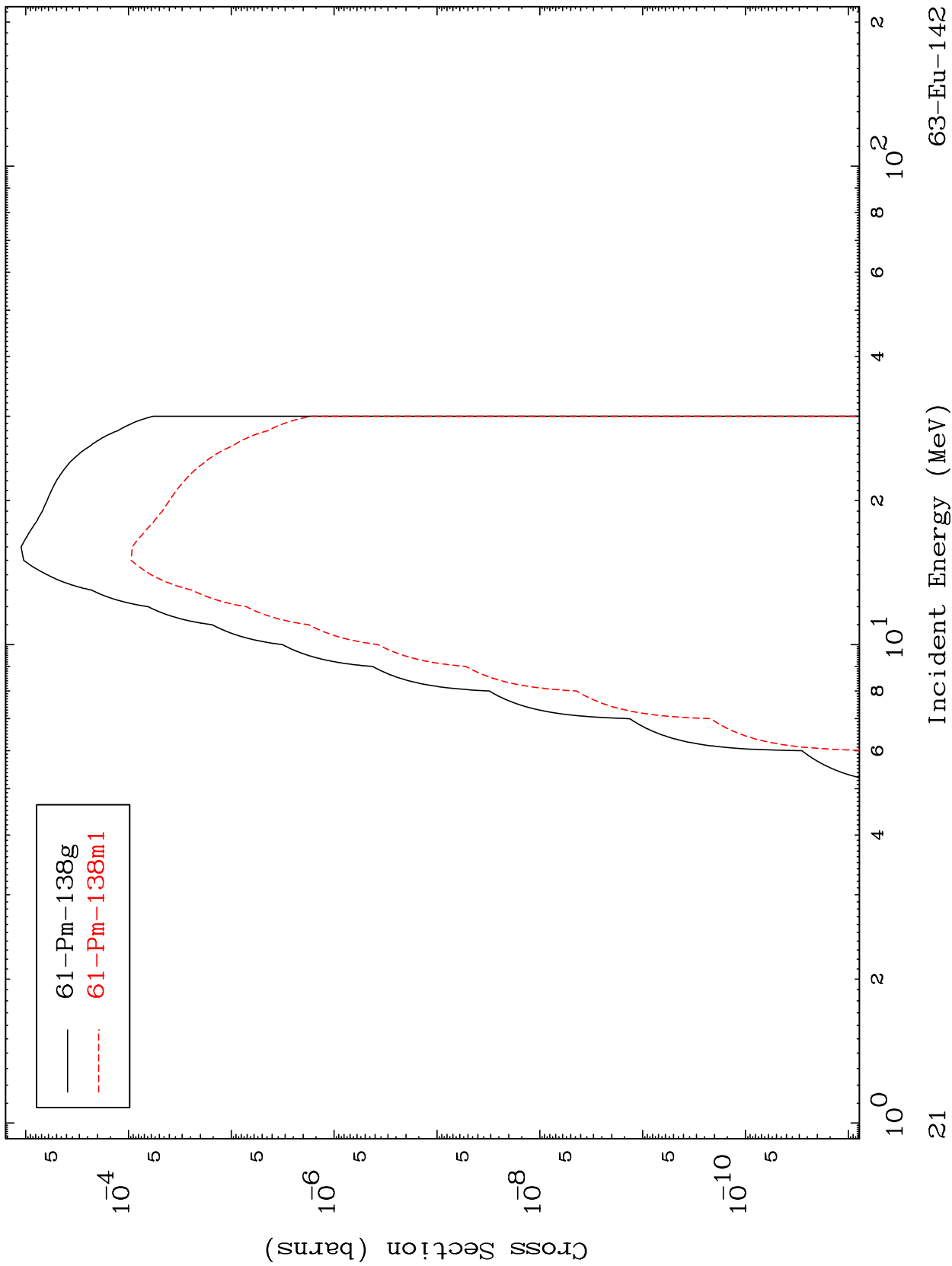
Incident Energy (MeV)

63-Eu-142

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63-Eu-142

Radionuclide Production Cross Section
(γ, α)

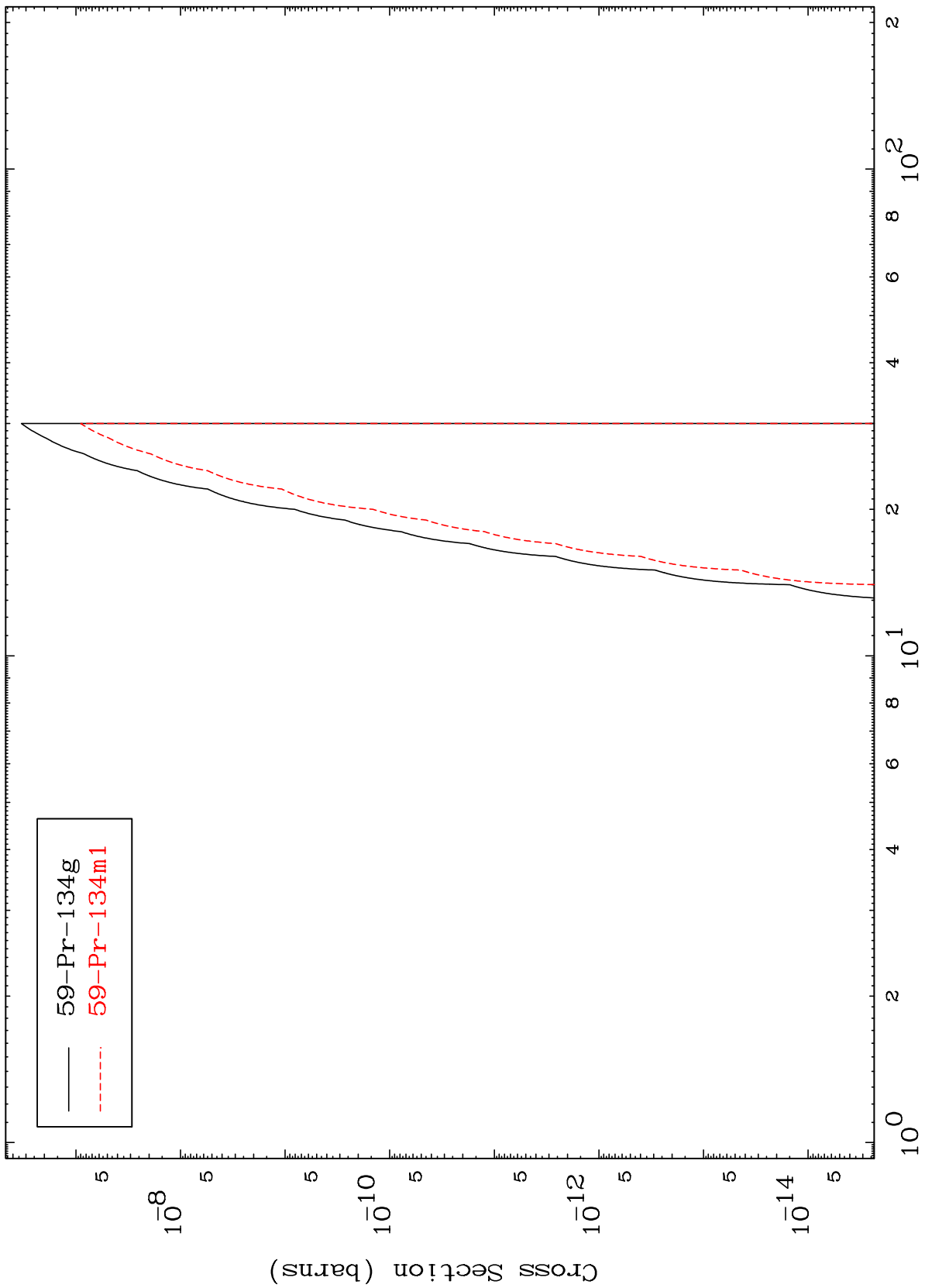


— 61-Pm-138g
- - - 61-Pm-138m1

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63-Eu-142

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



22

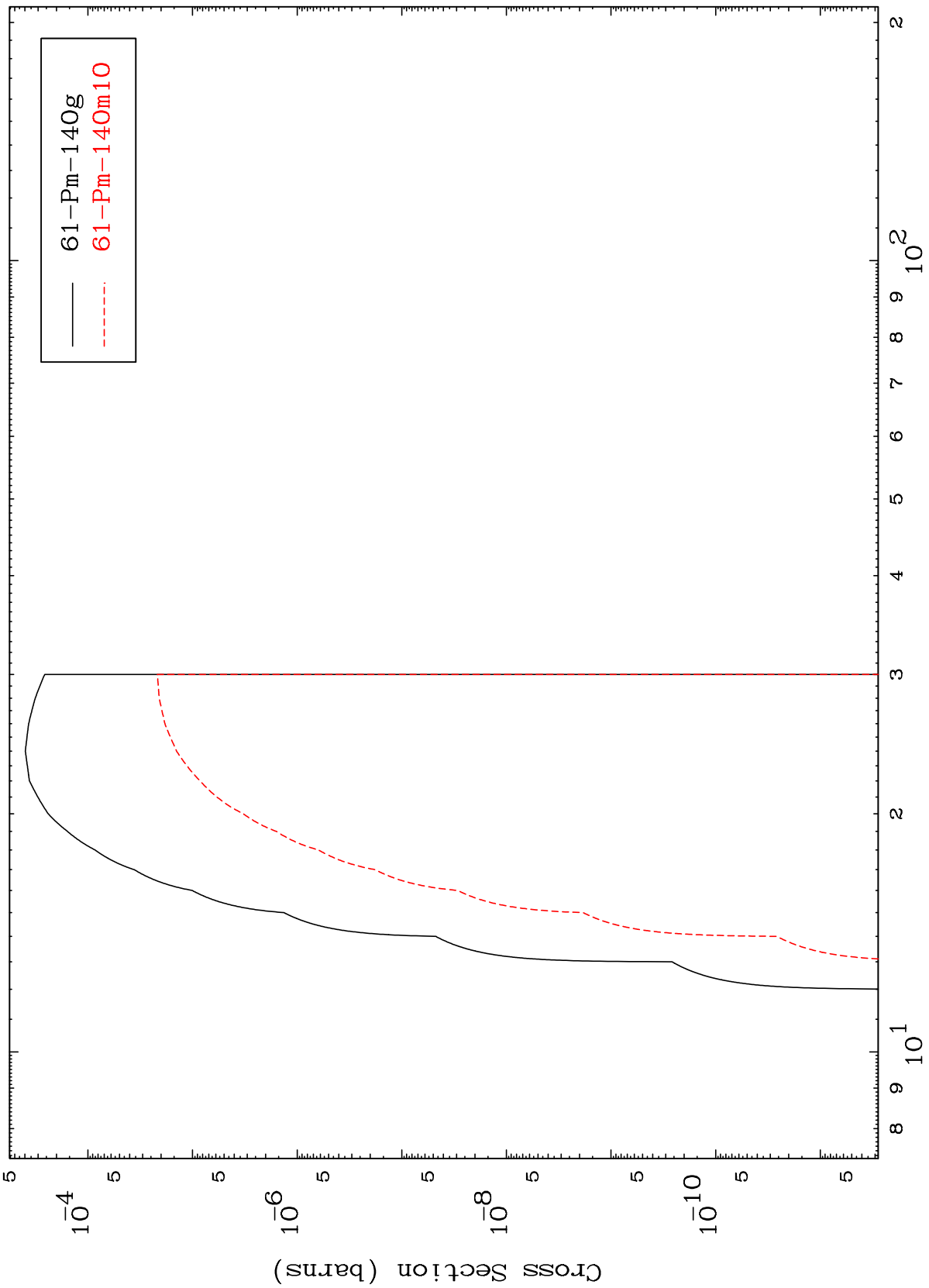
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

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



23

Incident Energy (MeV)

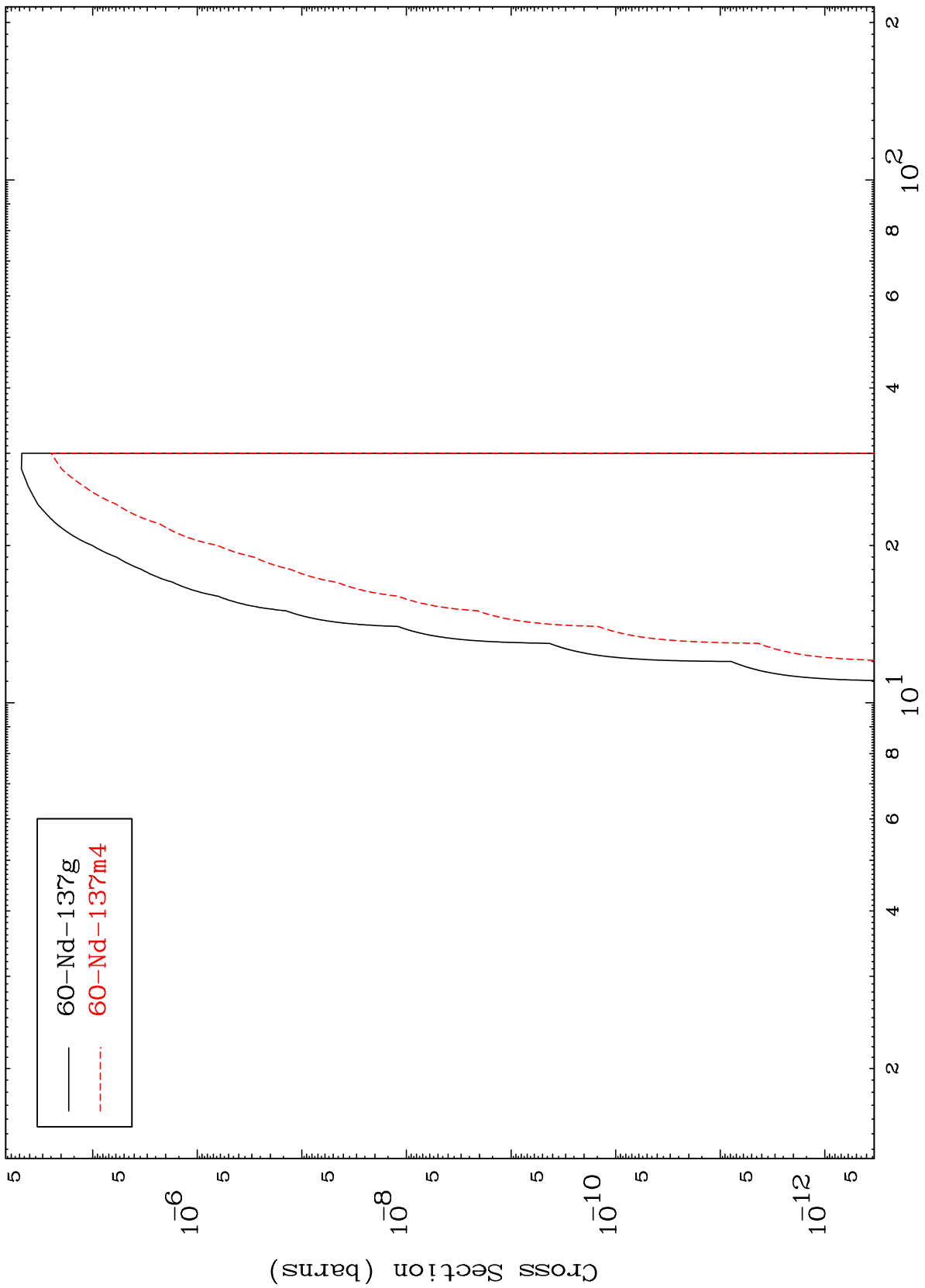
63-Eu-142

MAT 6298

(γ, p) α

63-Eu-142

Radionuclide Production Cross Section



60-Nd-137g
60-Nd-137m4

24

Incident Energy (MeV)

63-Eu-142

