

Program EVALPLOT
(Version 2017-1)

by

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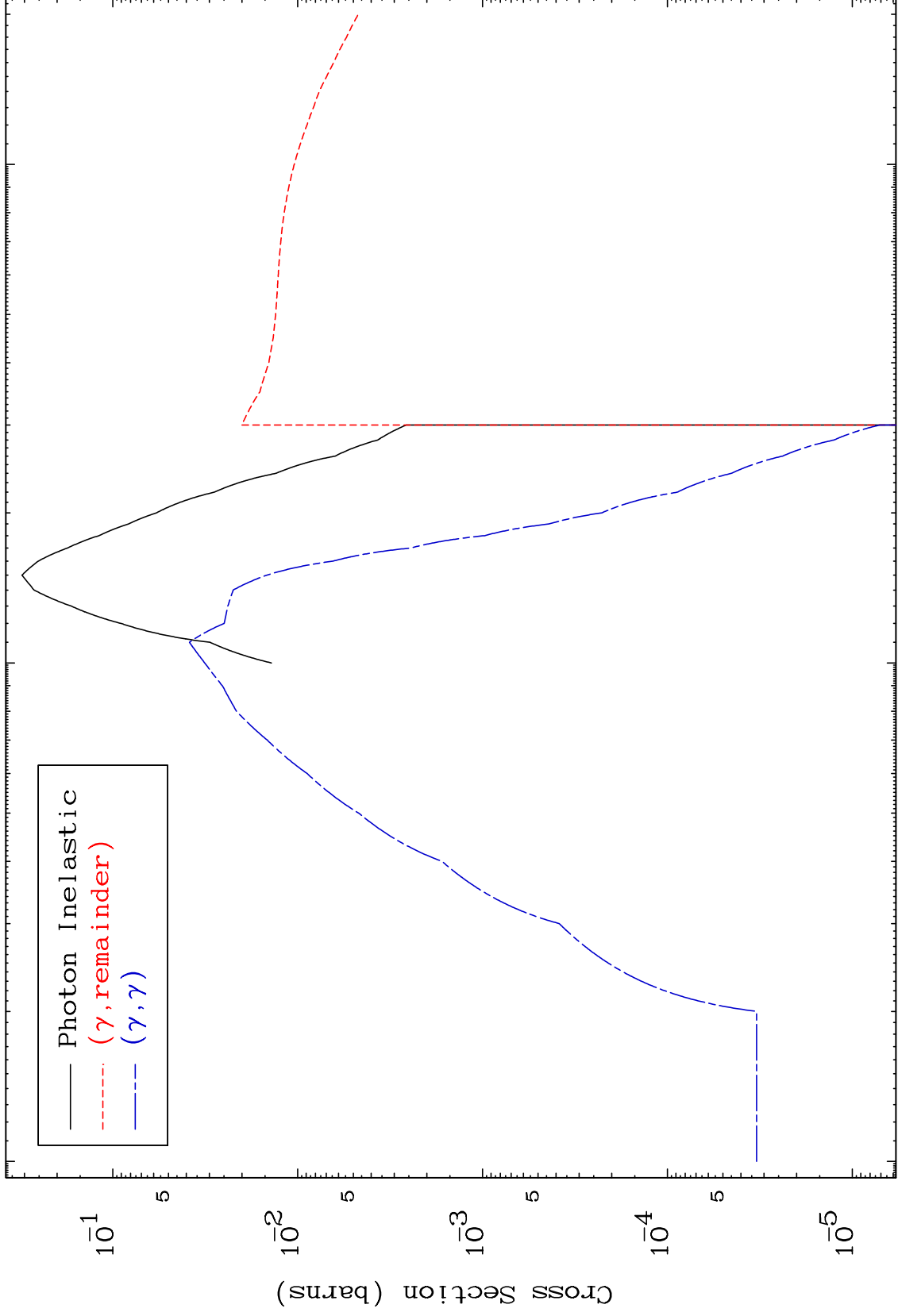
Press Mouse Button to Start

MAT 6604

Photon Major

66-Dy-149

0 Kelvin Cross Sections

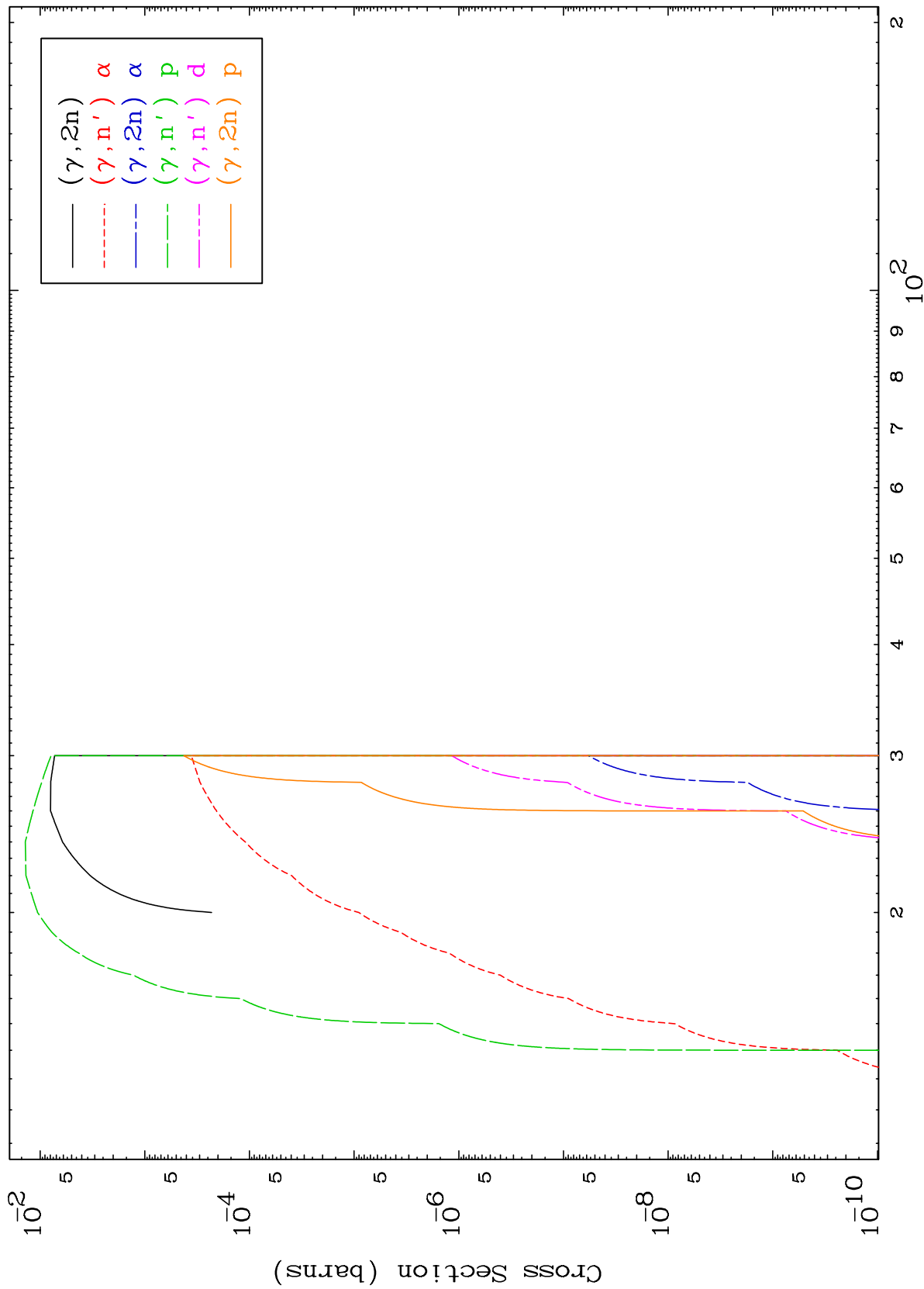


10¹
10⁰
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵

1 2 4 6 8 10¹ 2 4 6 8 10² 2

Incident Energy (MeV)

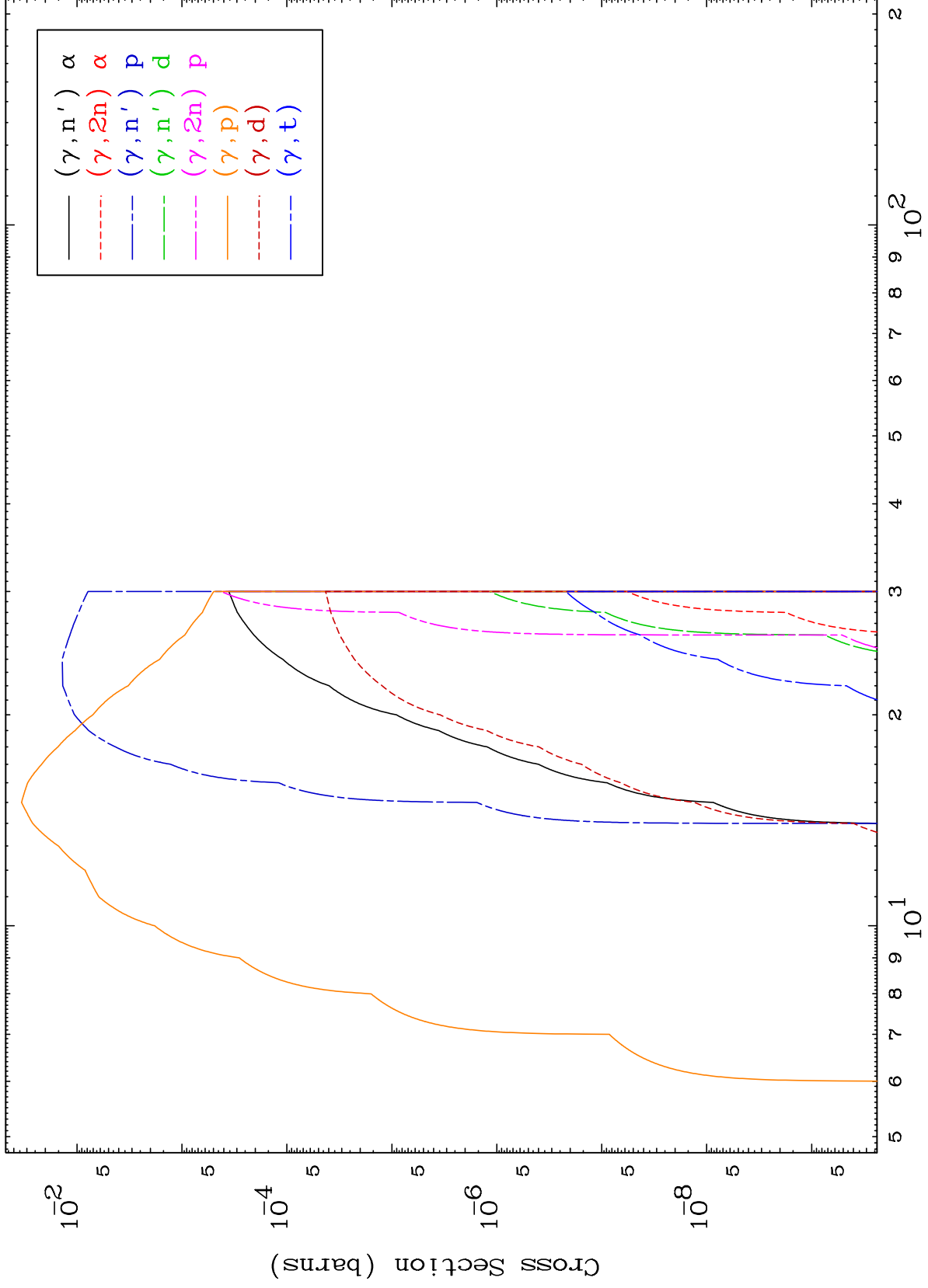
66-Dy-149



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Photon Charged Particle
0 Kelvin Cross Sections

66-Dy-149



3

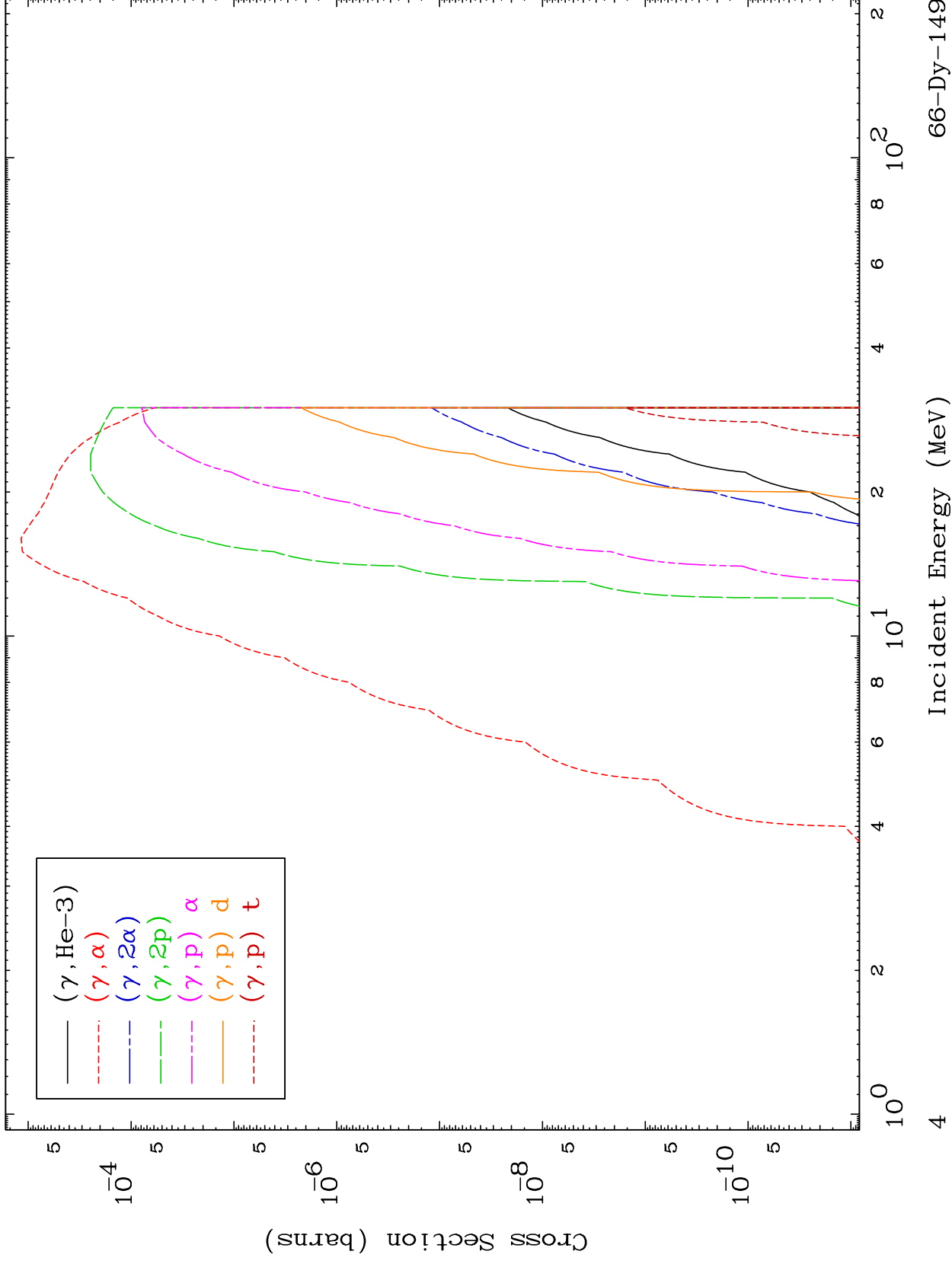
Incident Energy (MeV)

66-Dy-149

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Photon Charged Particle
0 Kelvin Cross Sections

66-Dy-149

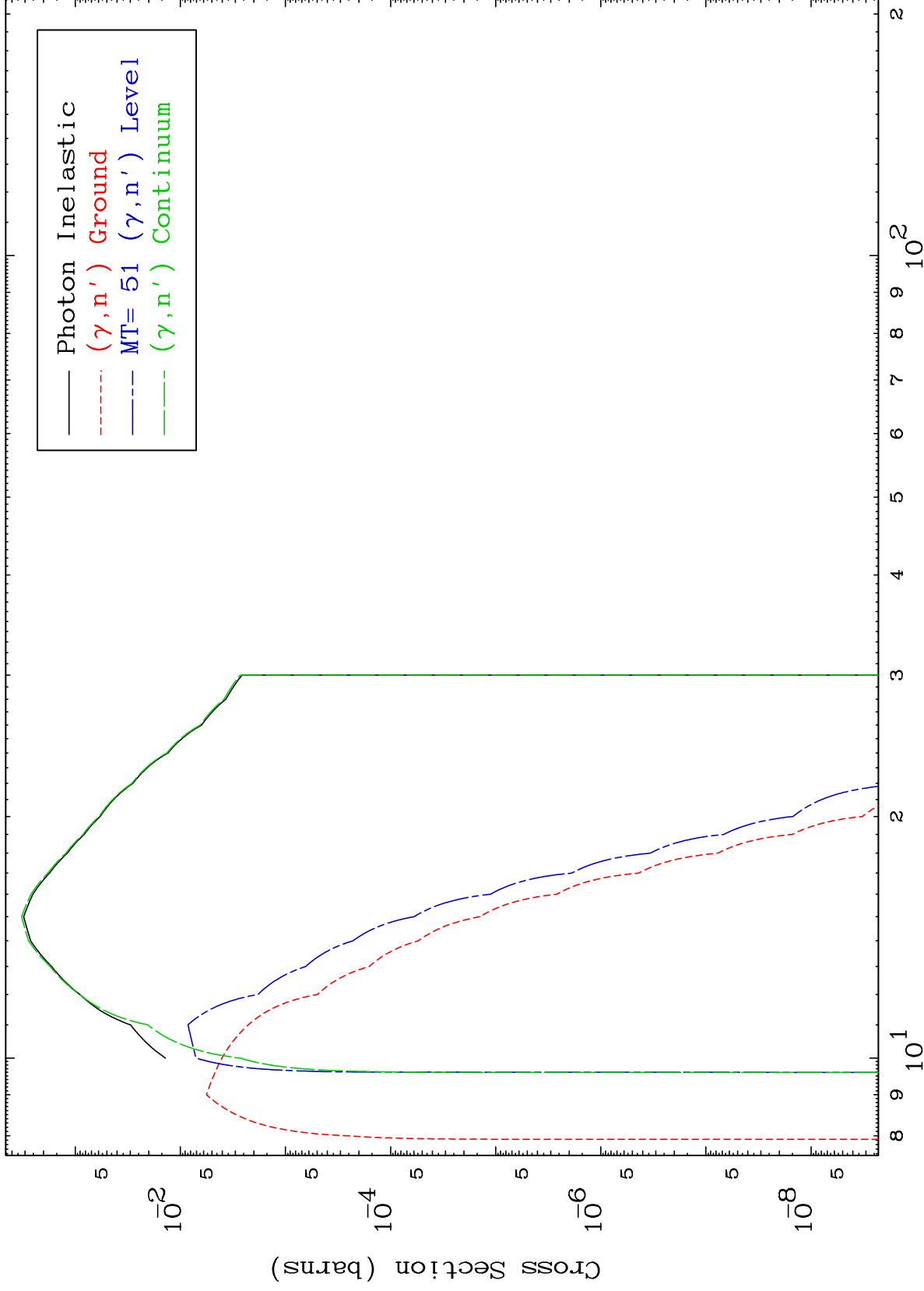


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(γ, n') Level

66-Dy-149

0 Kelvin Cross Sections



5

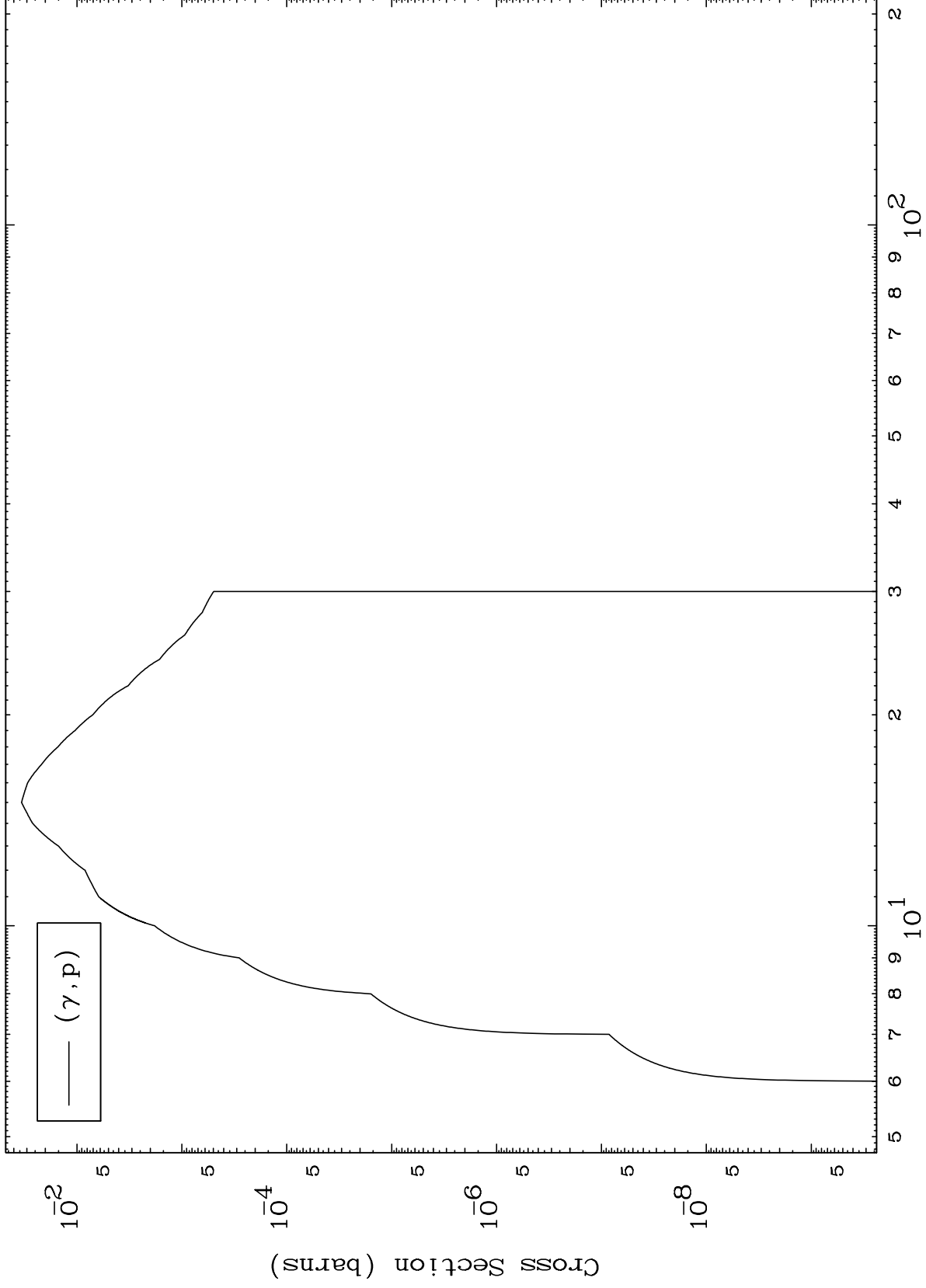
Incident Energy (MeV)

66-Dy-149

MAT 6604

(γ, p) Levels
0 Kelvin Cross Sections

66-Dy-149



6

Incident Energy (MeV)

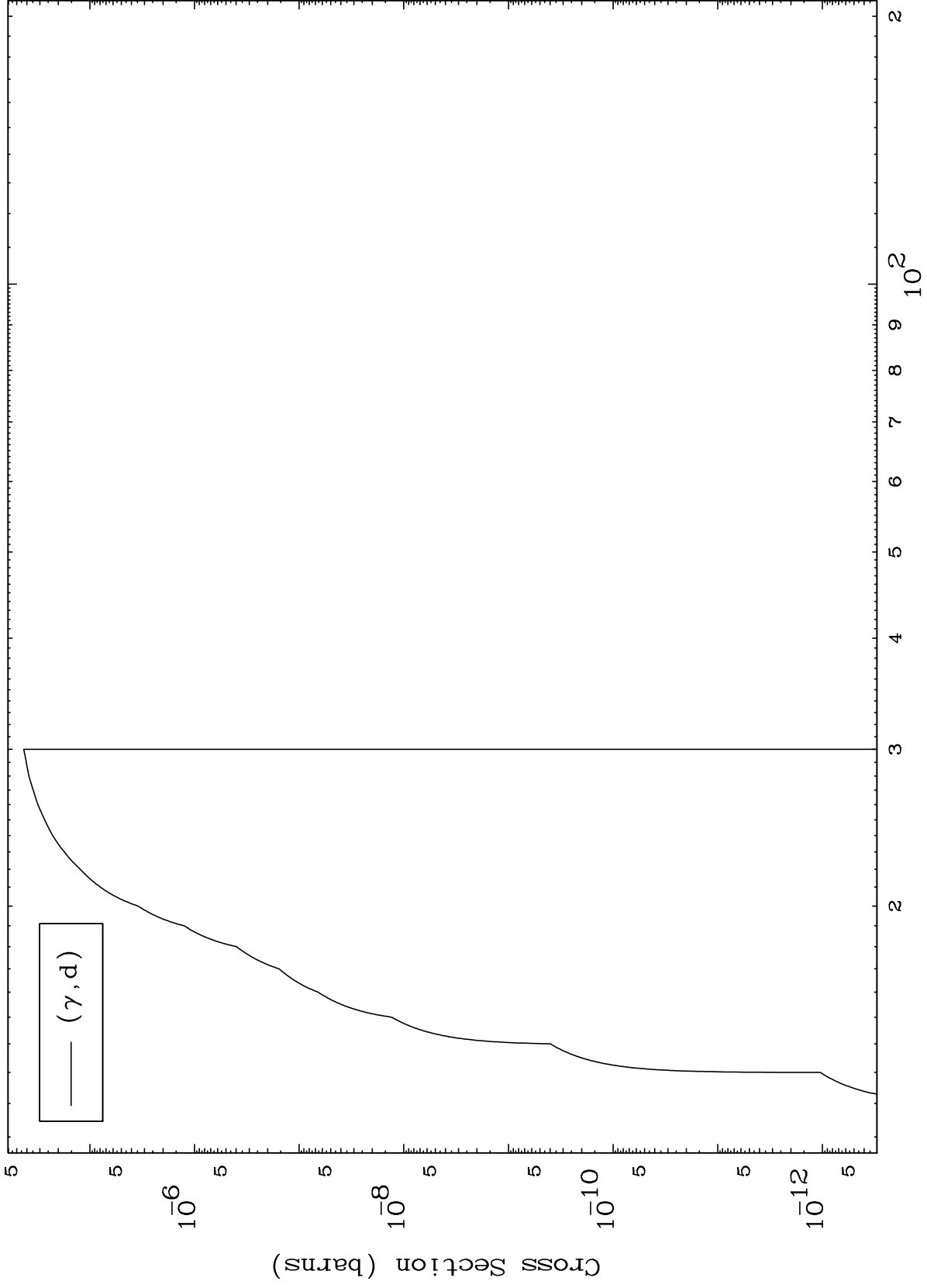
66-Dy-149

MAT 6604

(γ, d) Levels

66-Dy-149

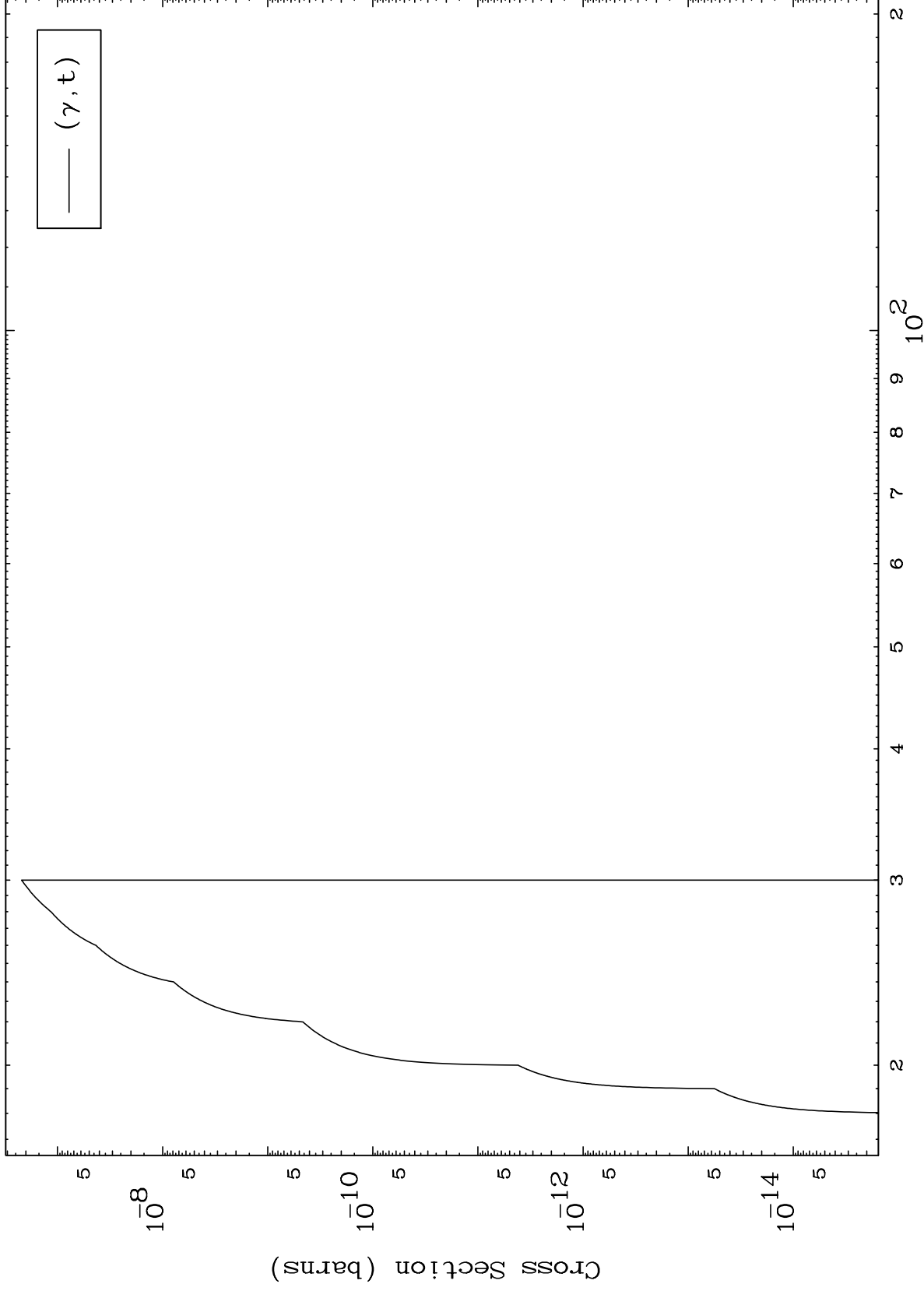
0 Kelvin Cross Sections



7

Incident Energy (MeV)

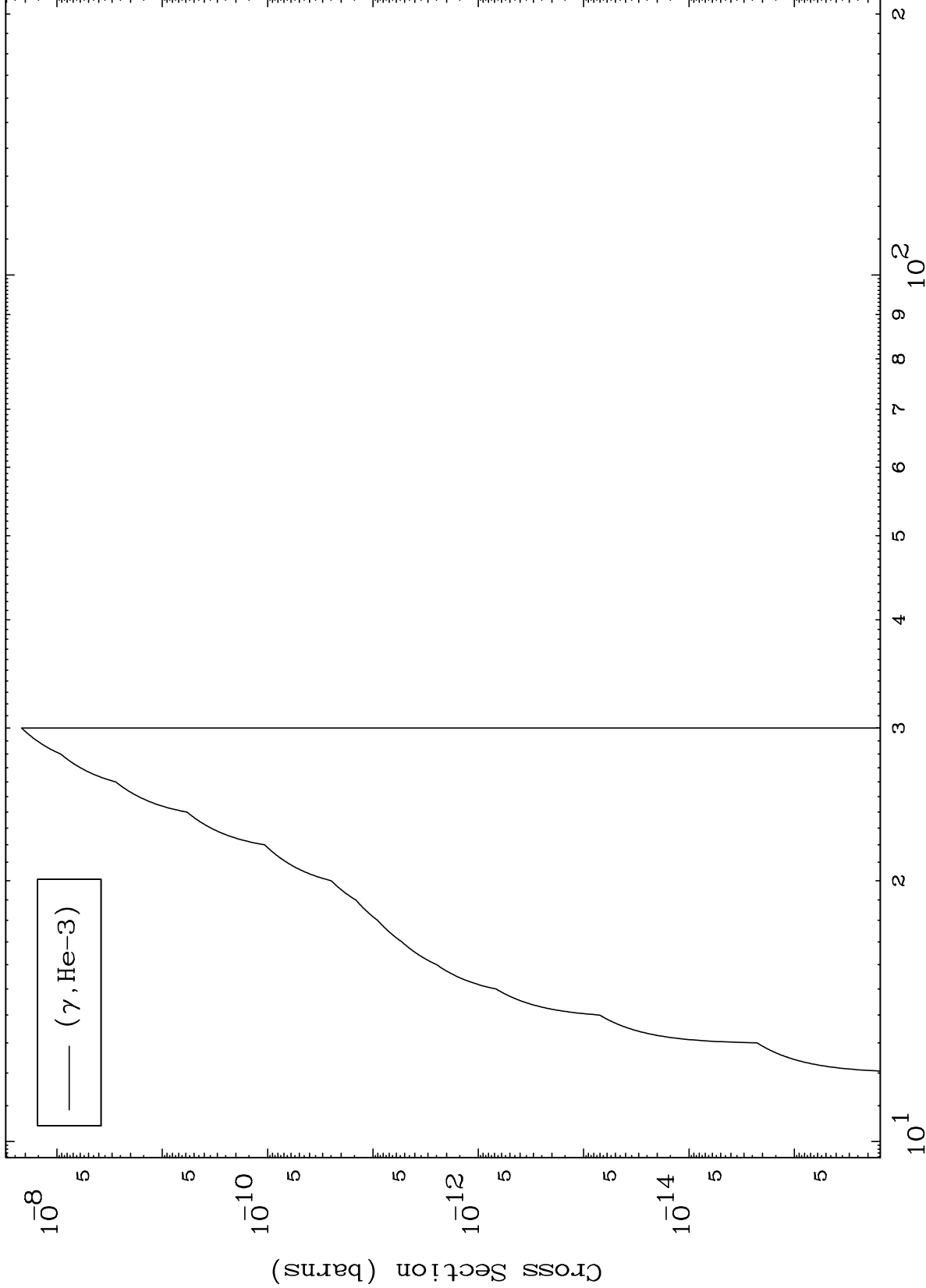
66-Dy-149



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

66-Dy-149



Incident Energy (MeV)

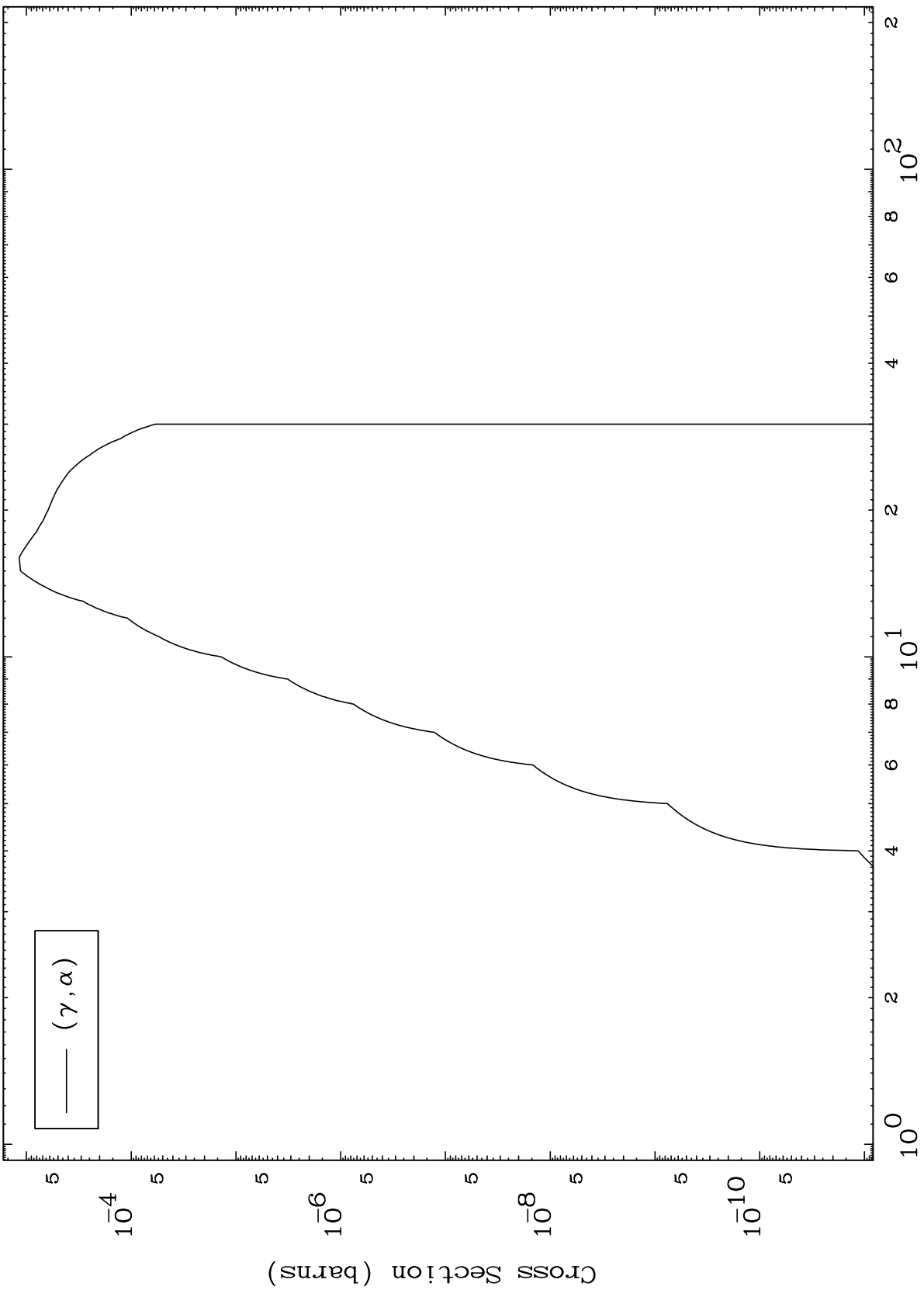
66-Dy-149

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(γ, α) Levels

66-Dy-149

0 Kelvin Cross Sections



Incident Energy (MeV)

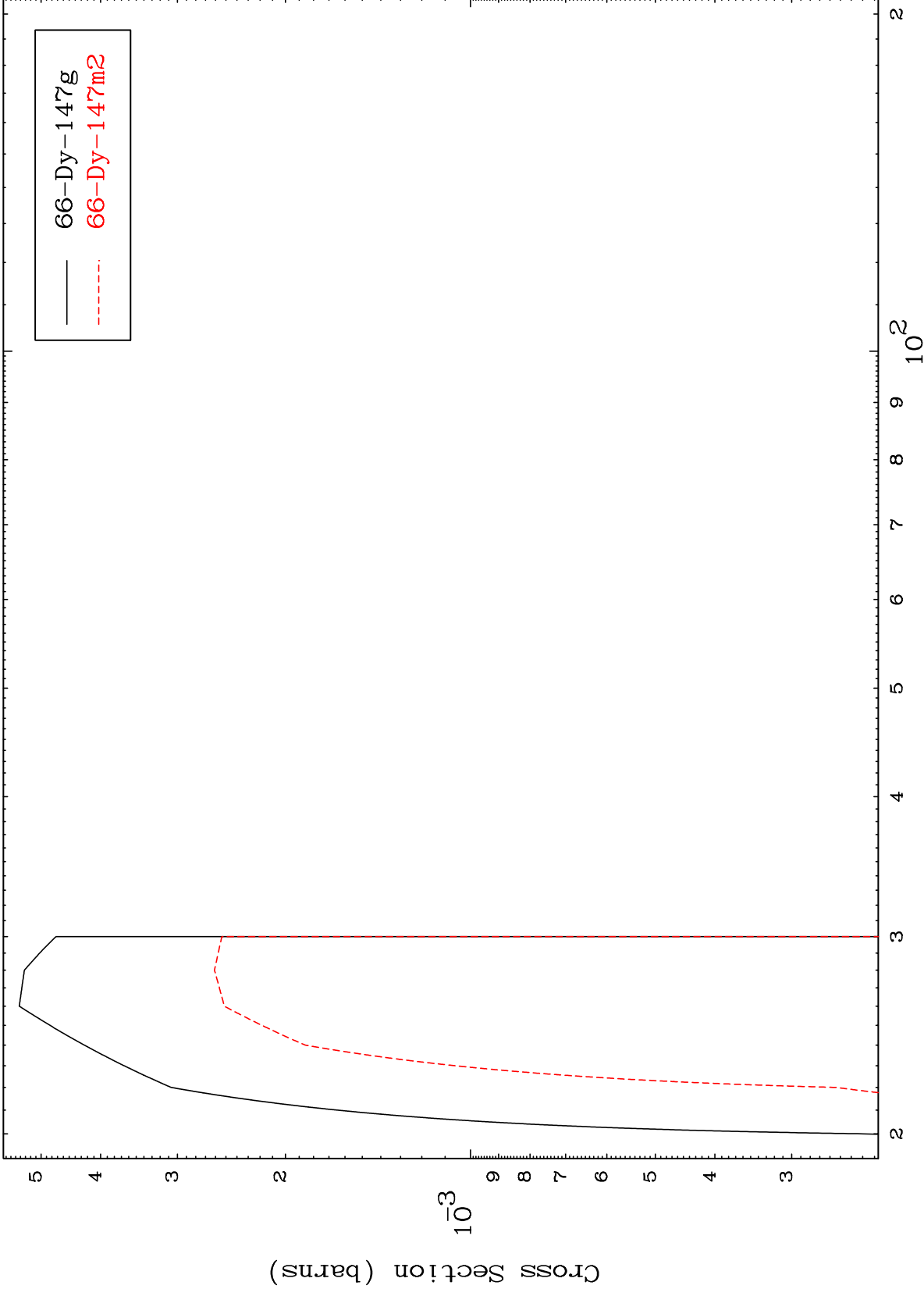
66-Dy-149

MAT 6604

($\gamma, 2n$)

66-Dy-149

Radionuclide Production Cross Section



11

Incident Energy (MeV)

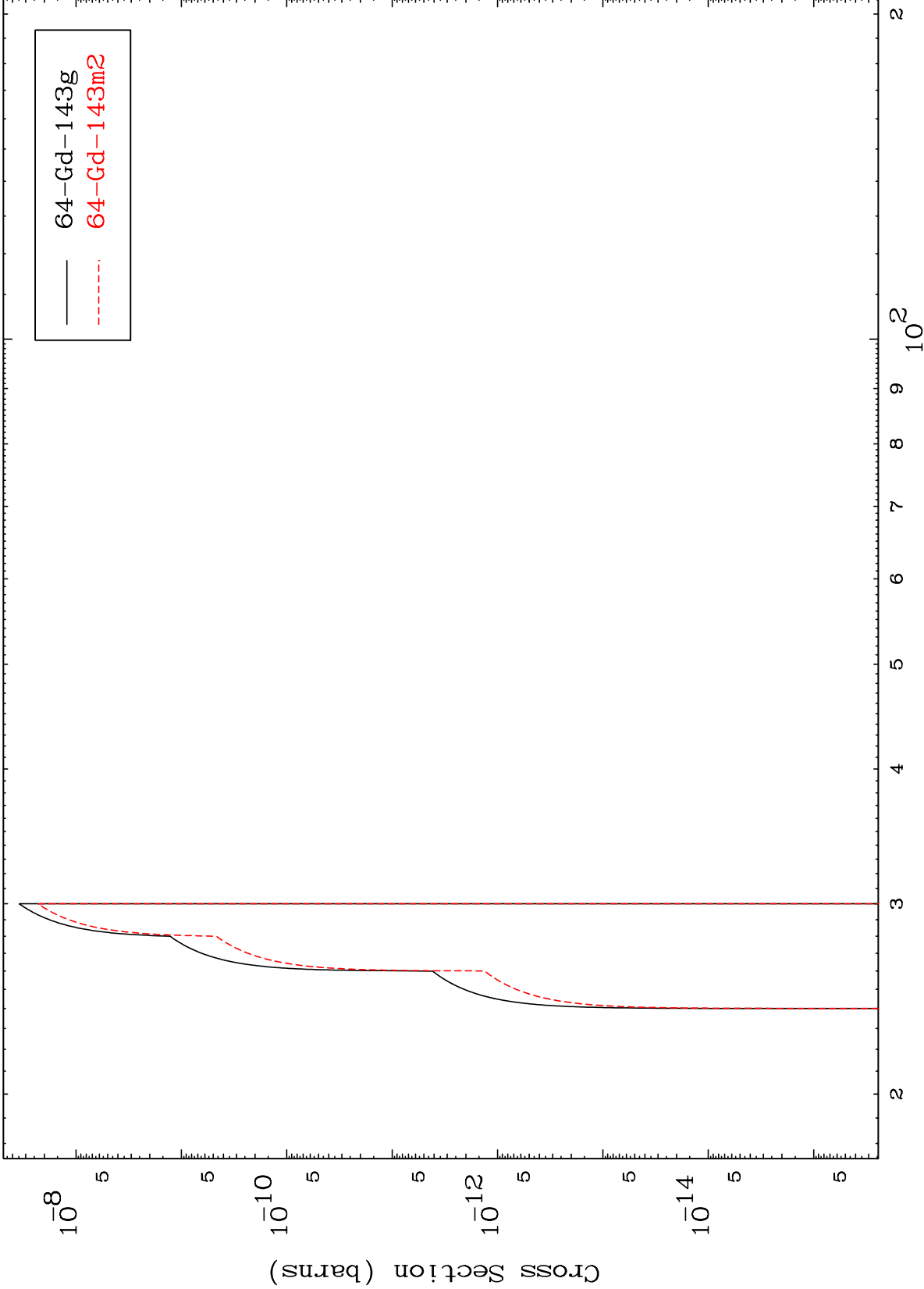
66-Dy-149

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$(\gamma, 2n) \alpha$

66-Dy-149

Radionuclide Production Cross Section



12

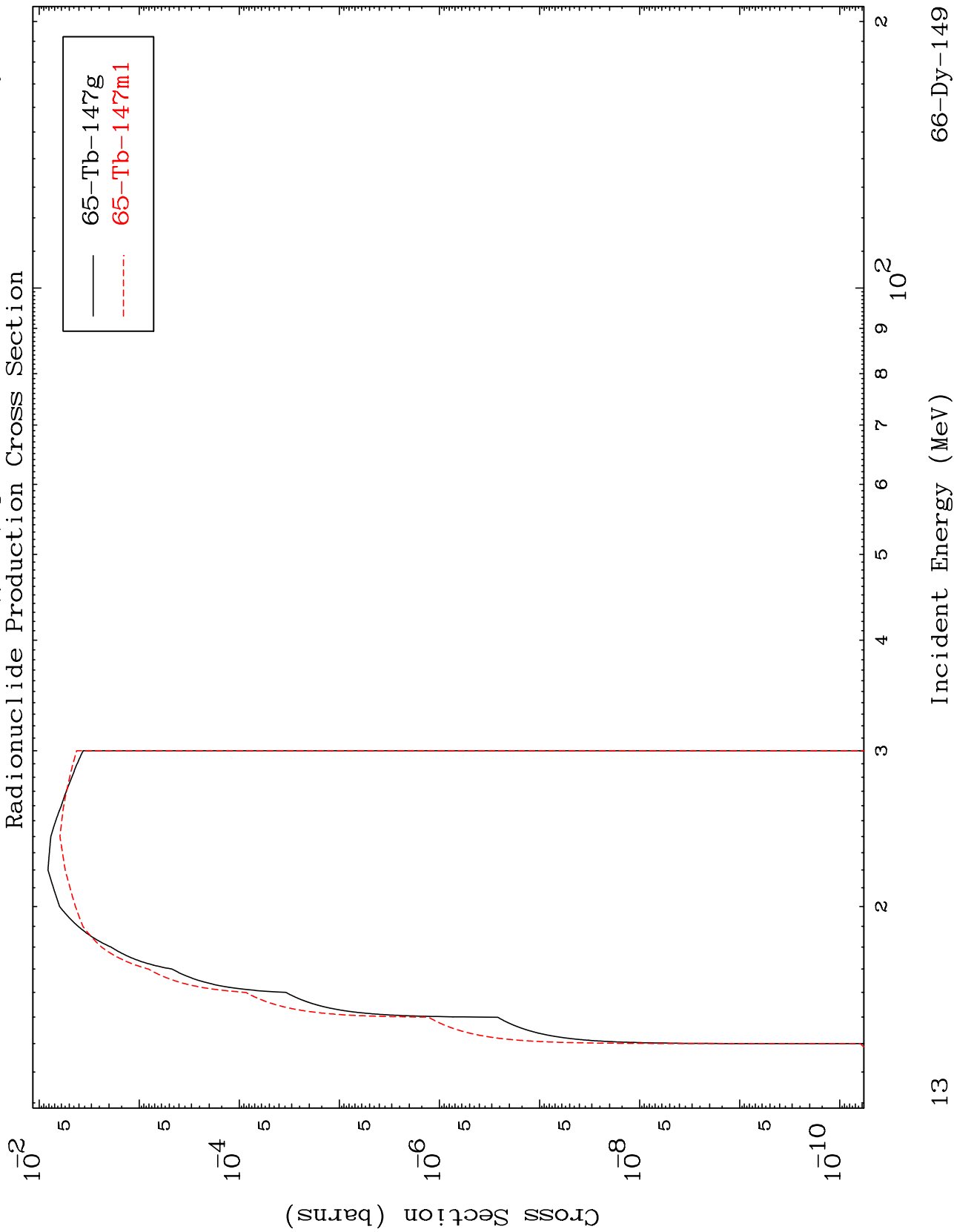
Incident Energy (MeV)

66-Dy-149

MAT 6604

(γ, n') p

66-Dy-149



13

Incident Energy (MeV)

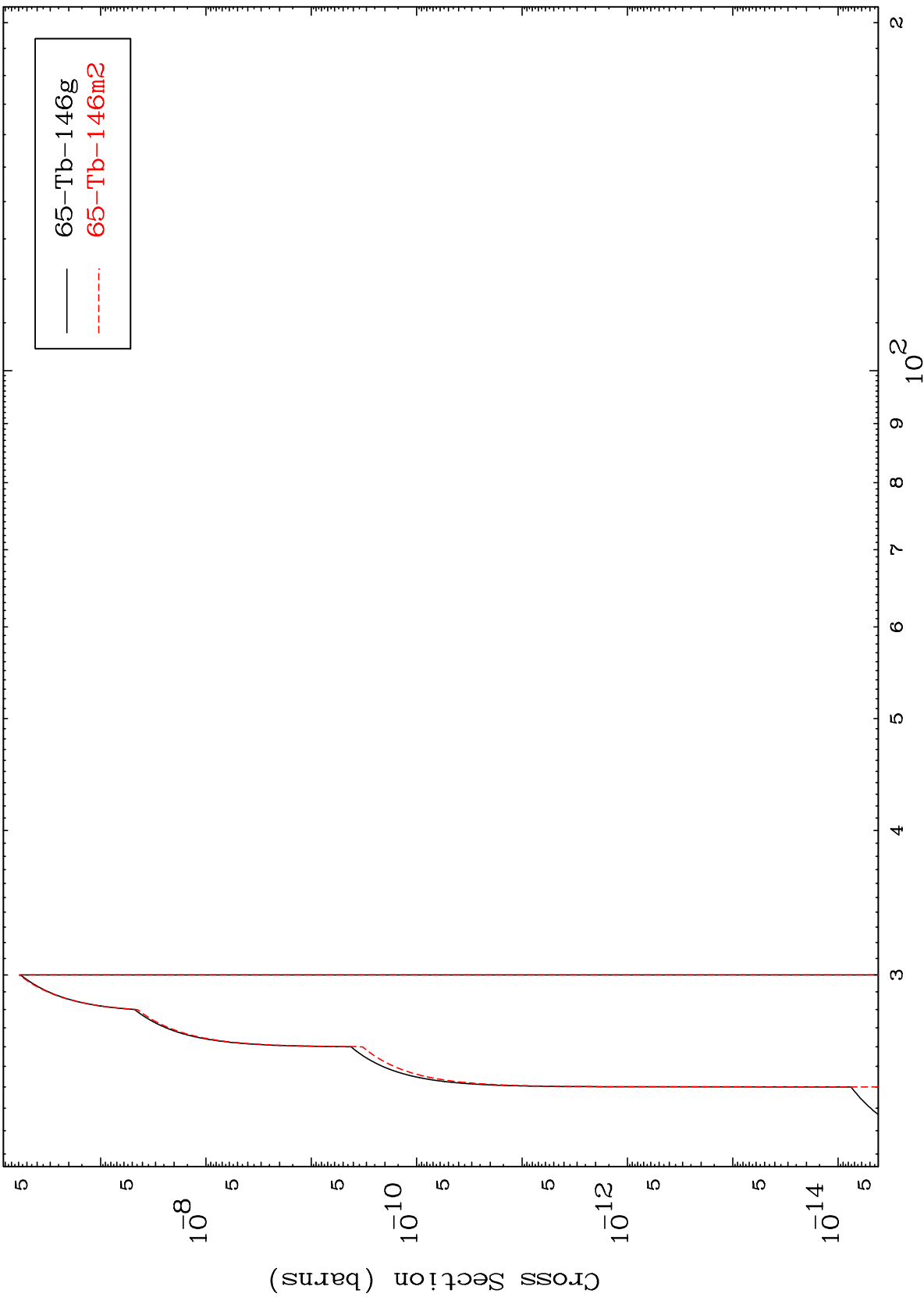
66-Dy-149

MAT 6604

(γ, n') d

66-Dy-149

Radionuclide Production Cross Section



14

Incident Energy (MeV)

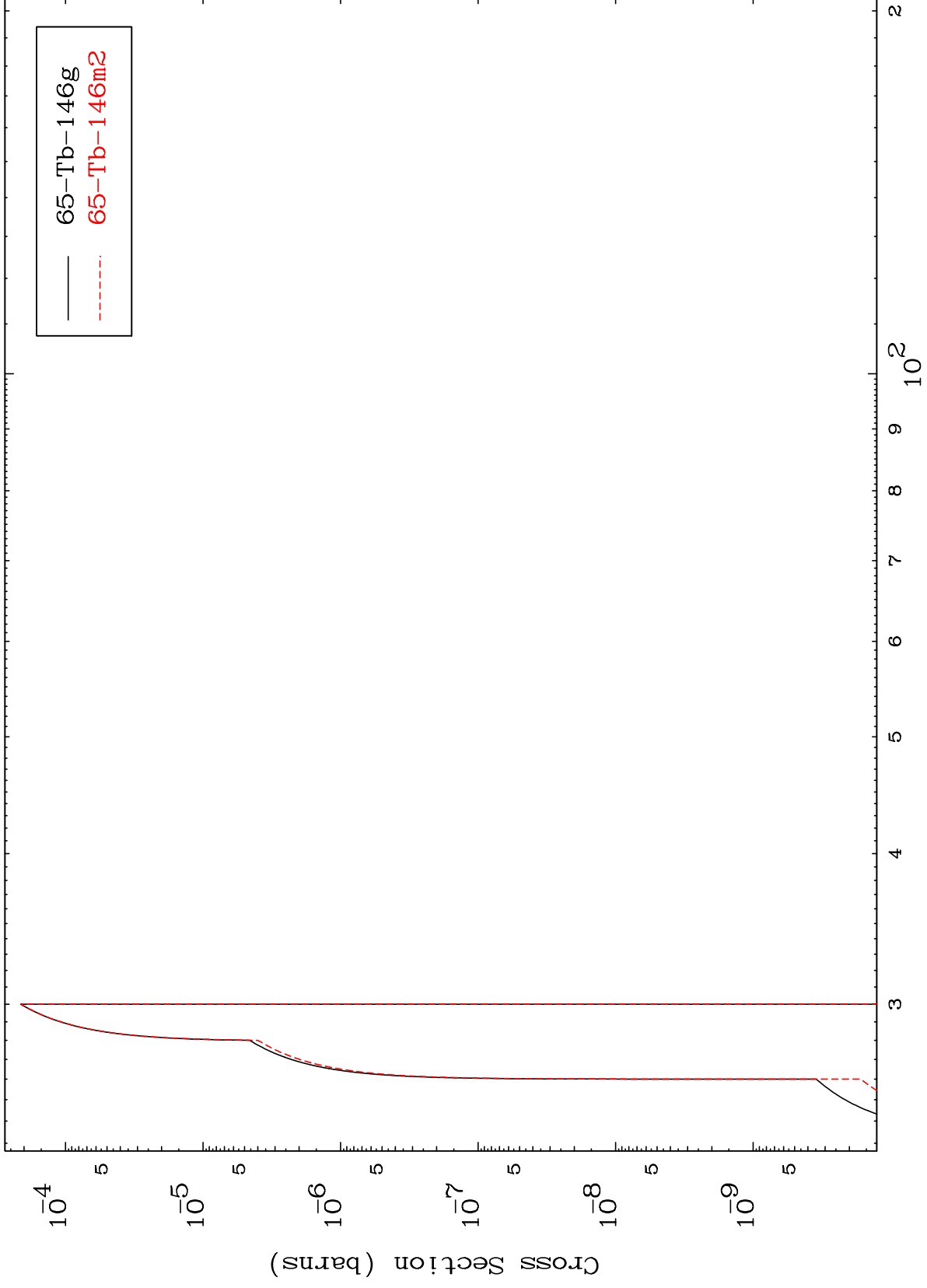
66-Dy-149

MAT 6604

($\gamma, 2n$) p

66-Dy-149

Radionuclide Production Cross Section



15

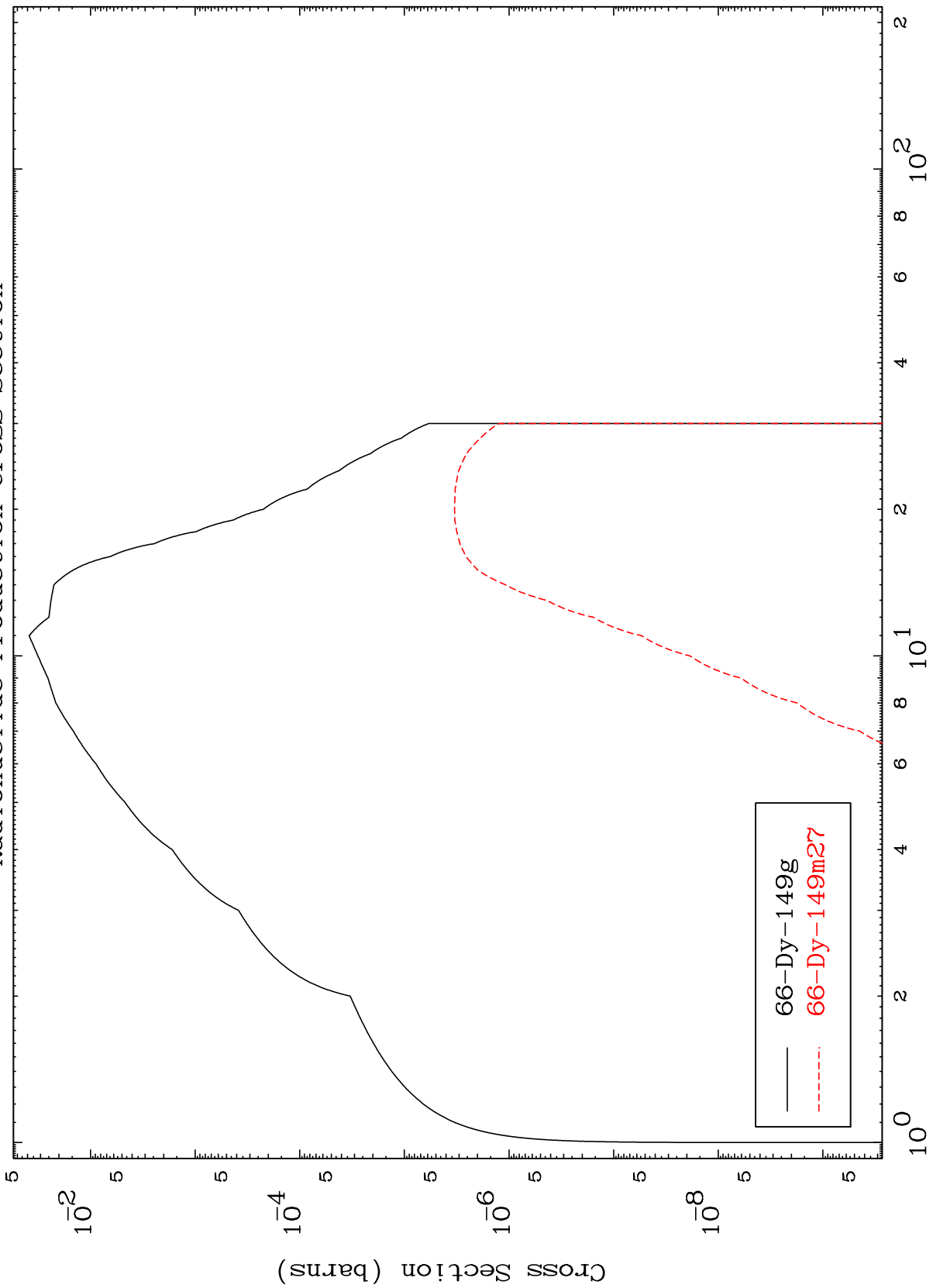
Incident Energy (MeV)

66-Dy-149

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66-Dy-149

Radionuclide Production Cross Section
(γ, γ)



— 66-Dy-149g
- - - 66-Dy-149m27

66-Dy-149

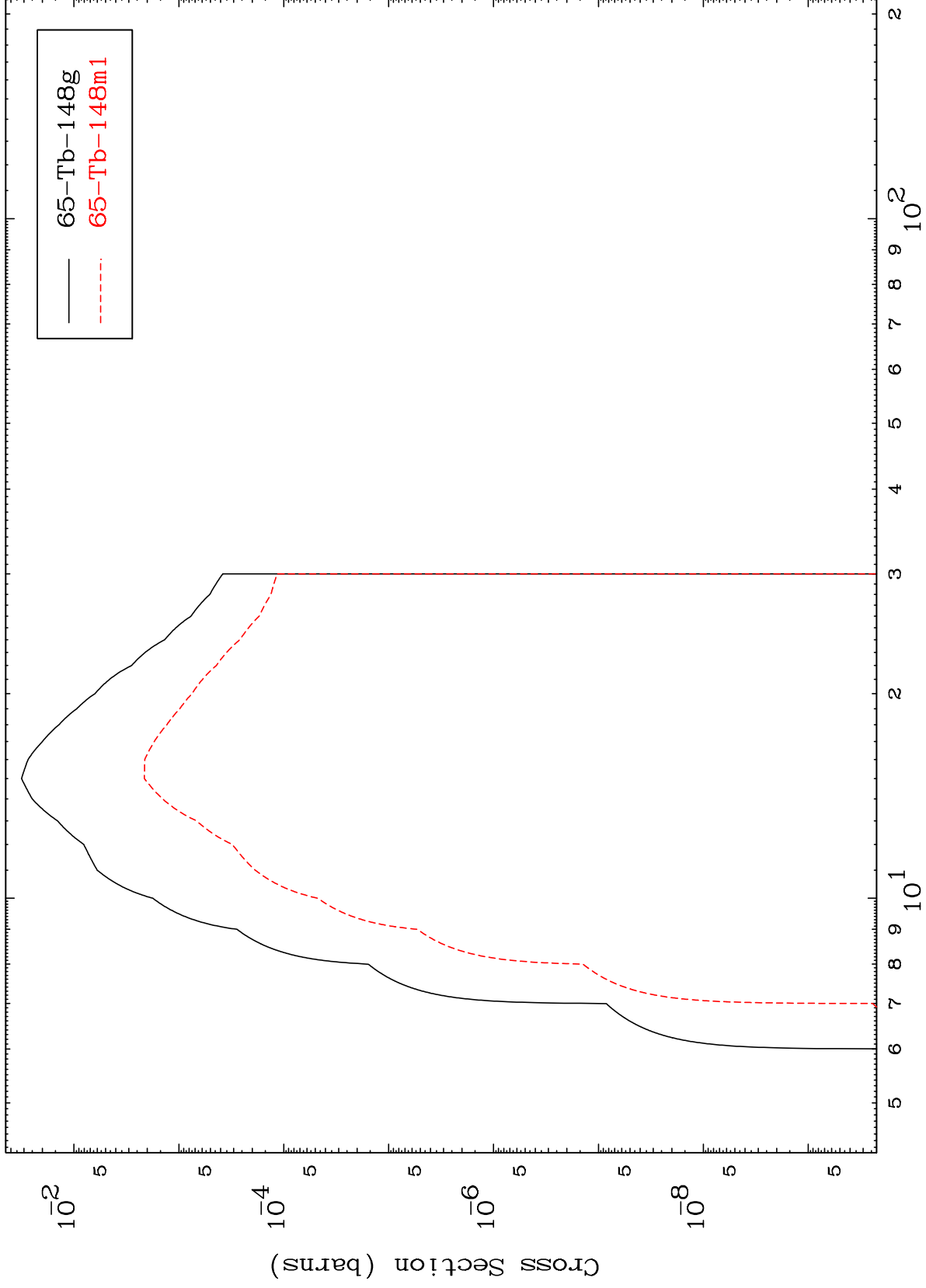
Incident Energy (MeV)

16

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66-Dy-149

(γ, p)
Radionuclide Production Cross Section



17

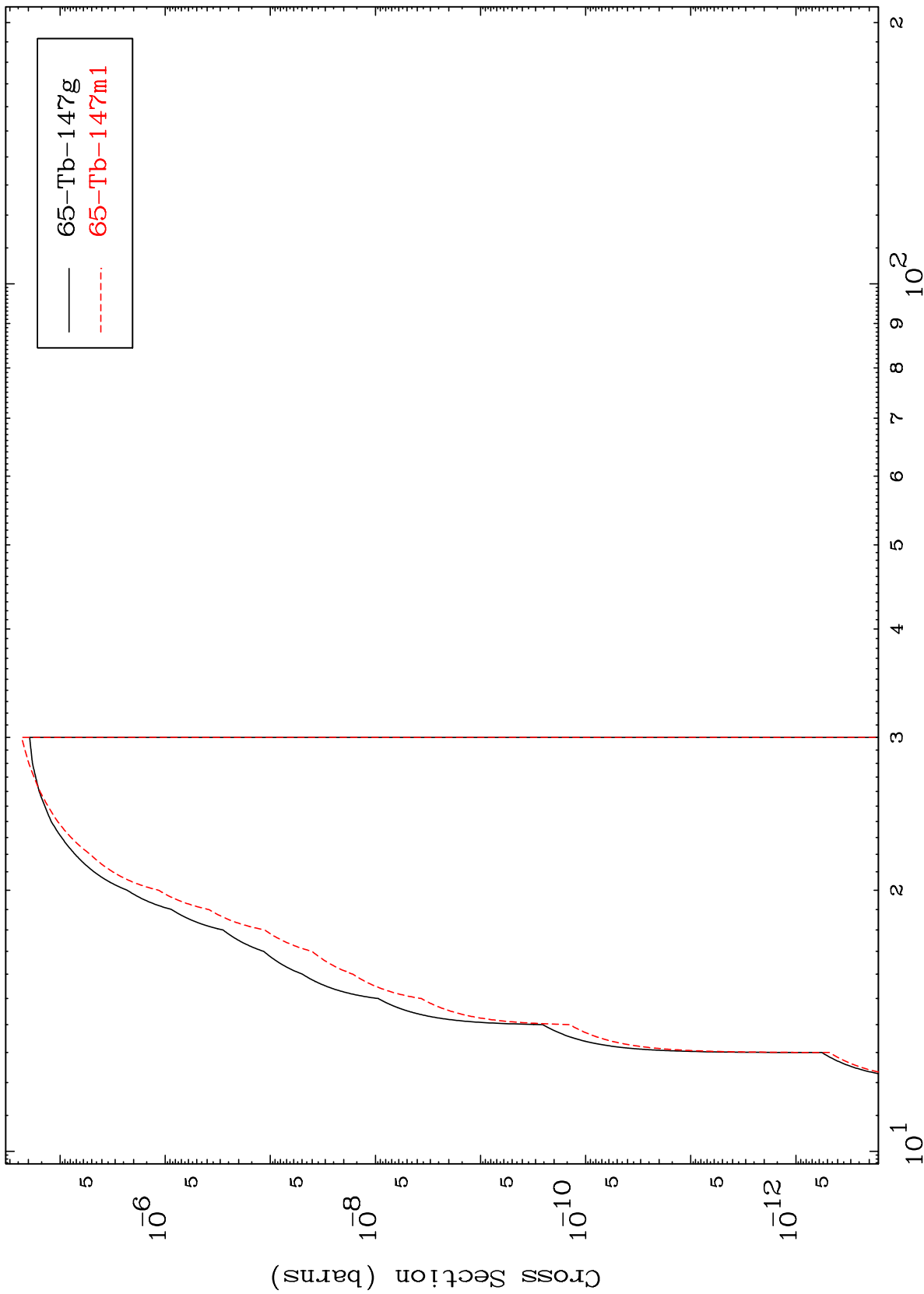
Incident Energy (MeV)

66-Dy-149

MAT 6604

66-Dy-149

(γ, d)
Radionuclide Production Cross Section

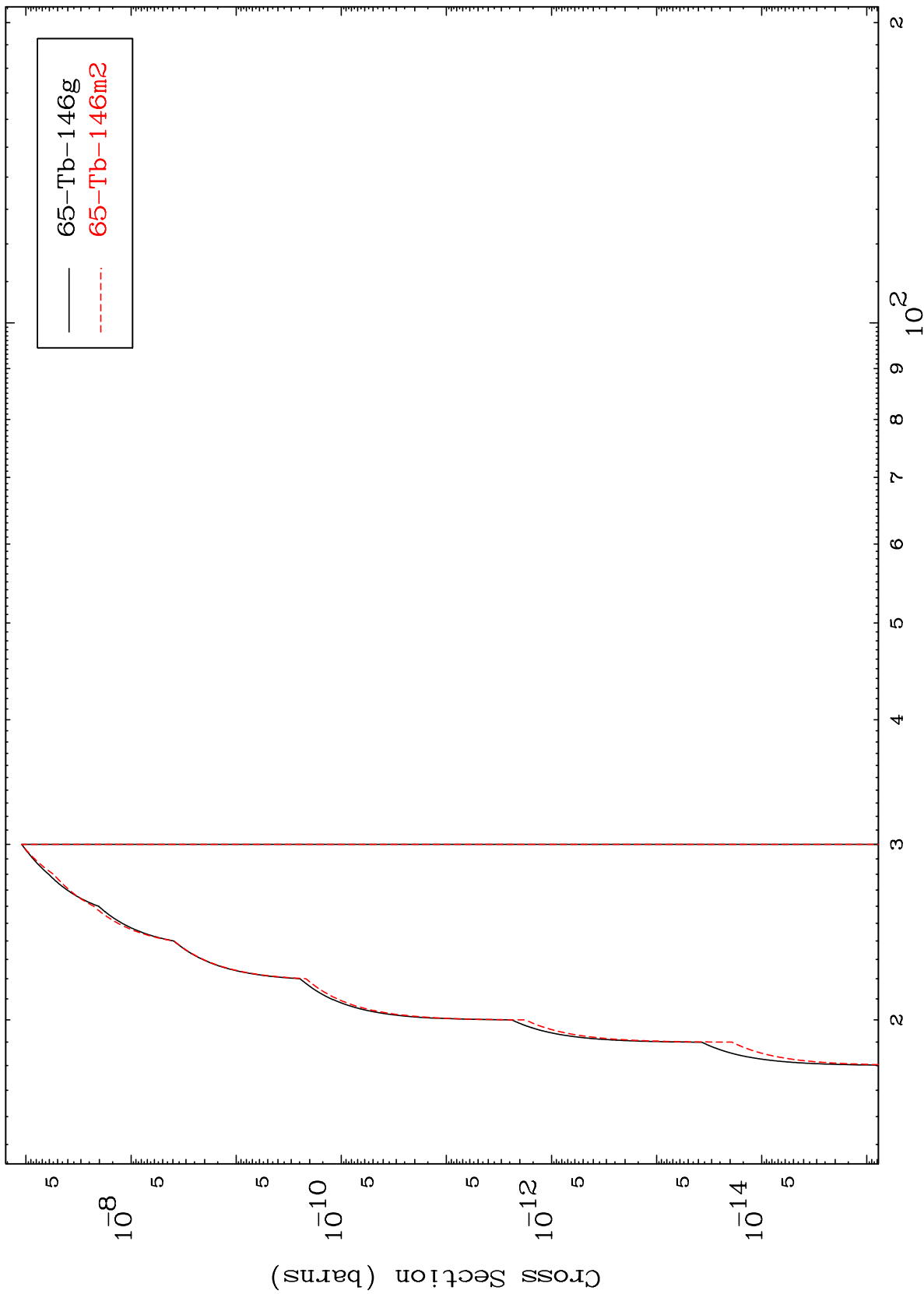


66-Dy-149

Incident Energy (MeV)

18

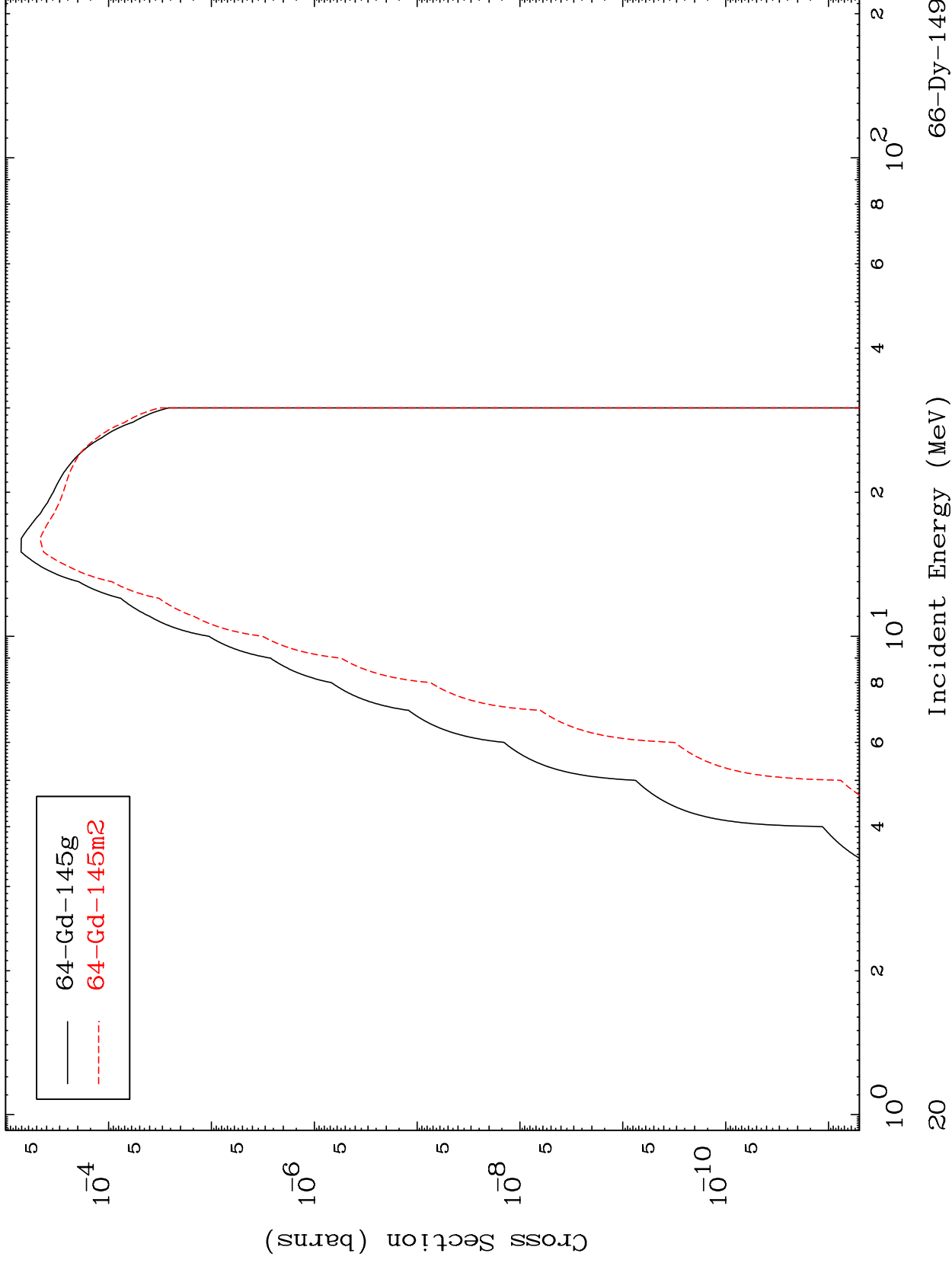
(γ, t)
Radionuclide Production Cross Section



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66-Dy-149

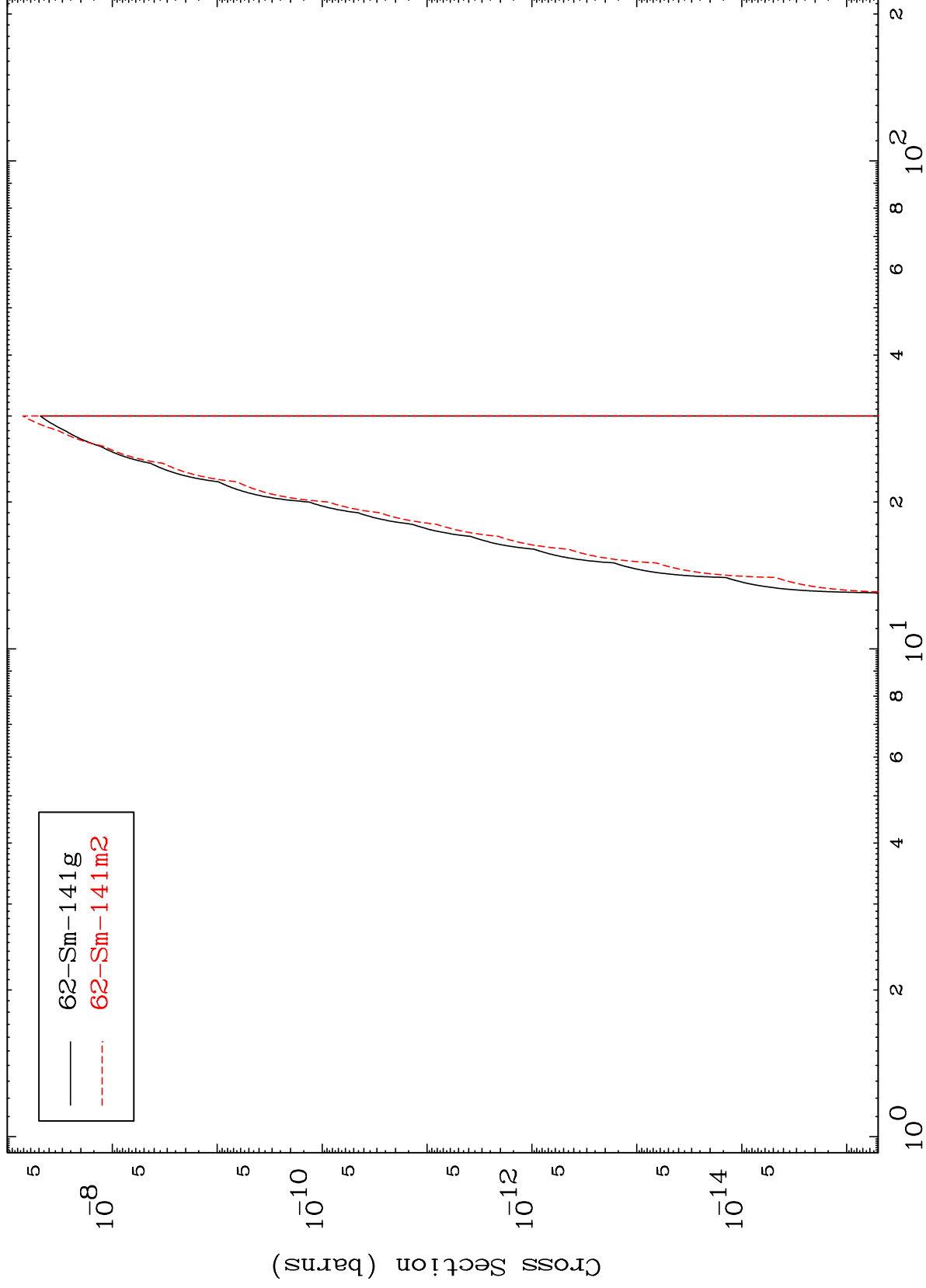
(γ, α)
Radionuclide Production Cross Section



MAT 6604

66-Dy-149

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



— 62-Sm-141g
- - - 62-Sm-141m2

66-Dy-149

Incident Energy (MeV)

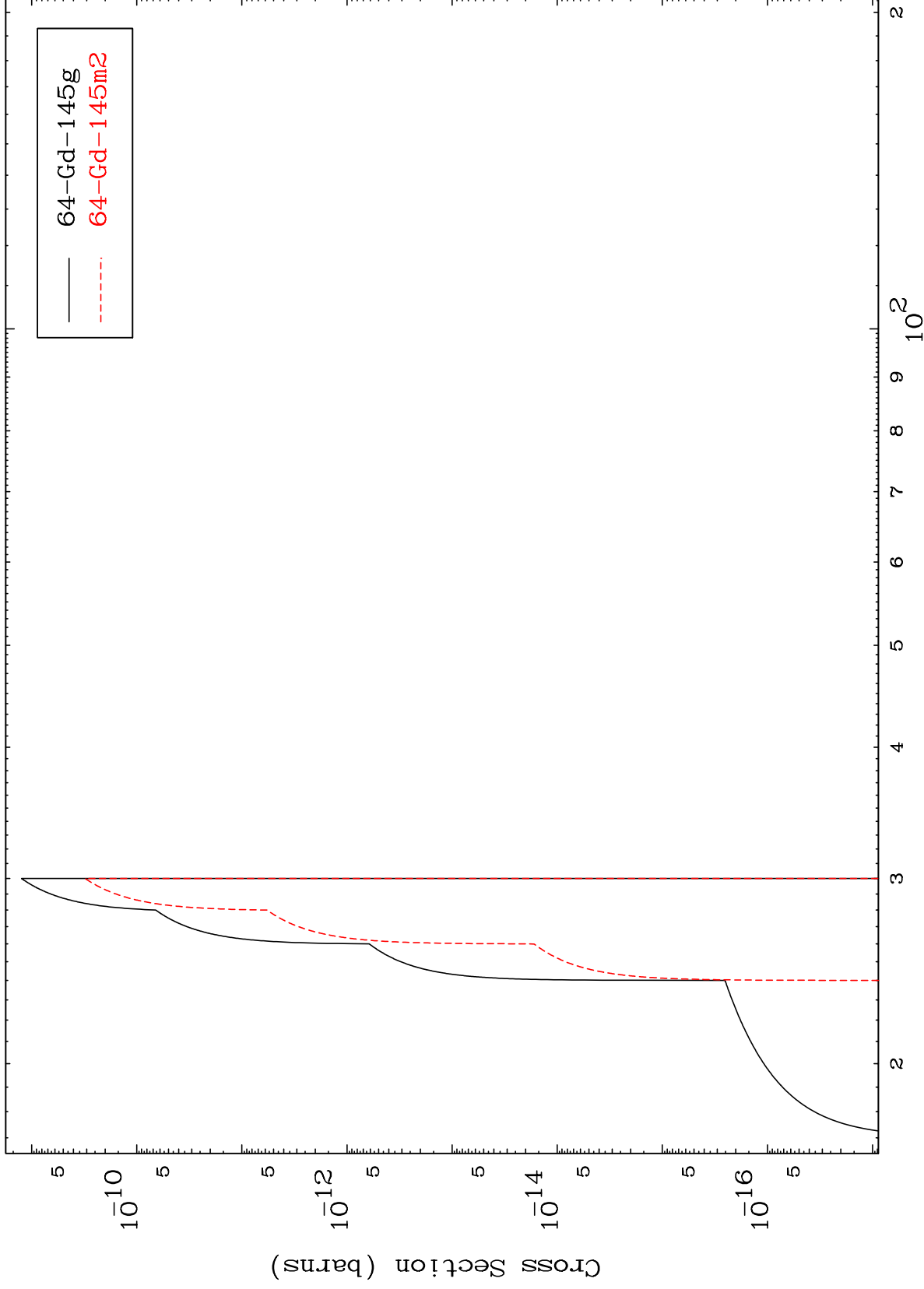
21

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(γ, p) t

66-Dy-149

Radionuclide Production Cross Section



22

Incident Energy (MeV)

66-Dy-149