

Program EVALPLOT
(Version 2018-1)

by

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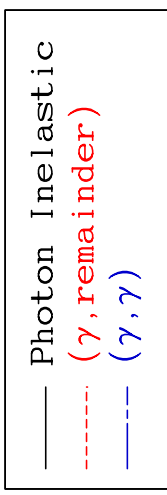
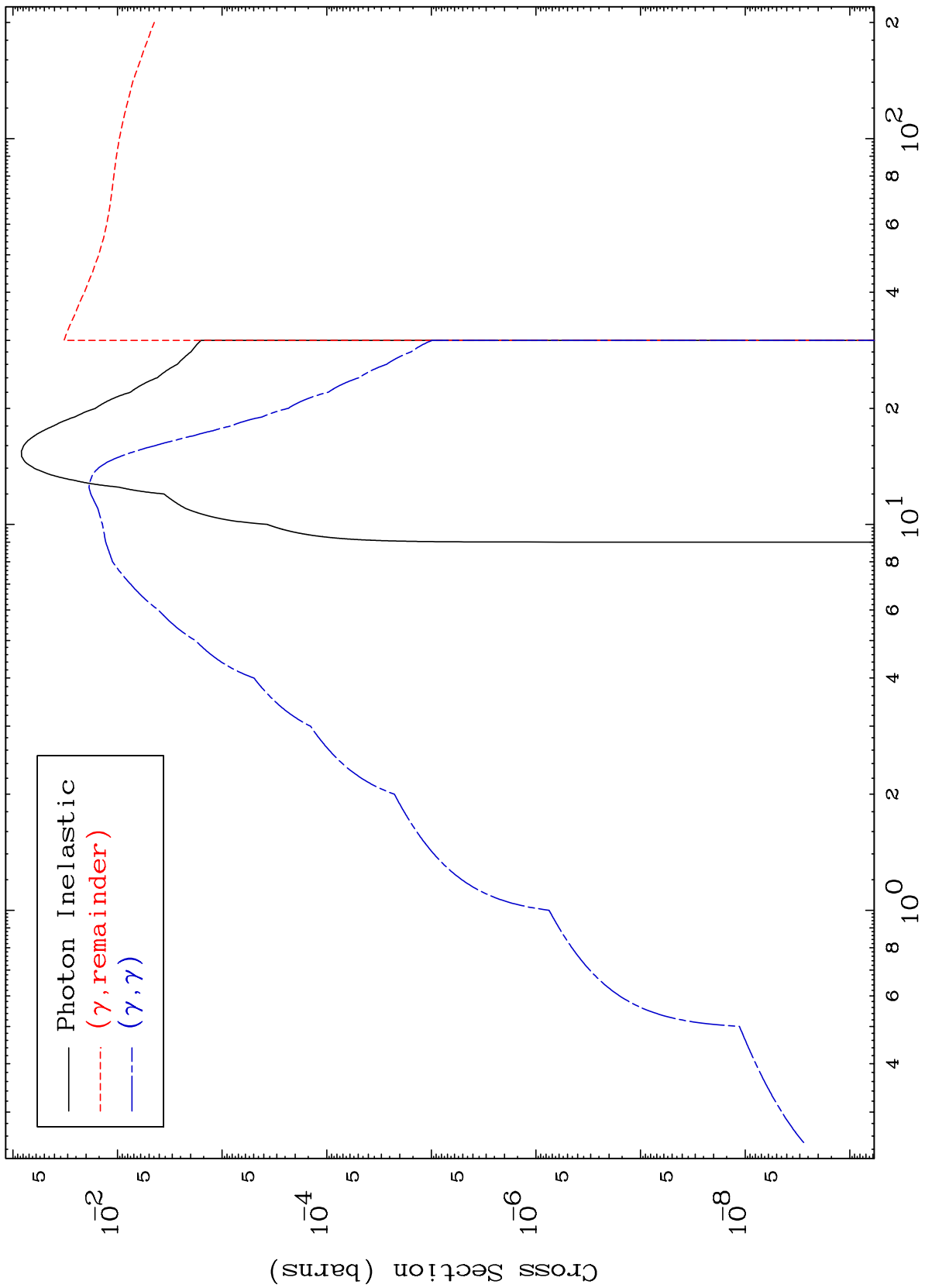
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6599

Photon Major
0 Kelvin Cross Sections

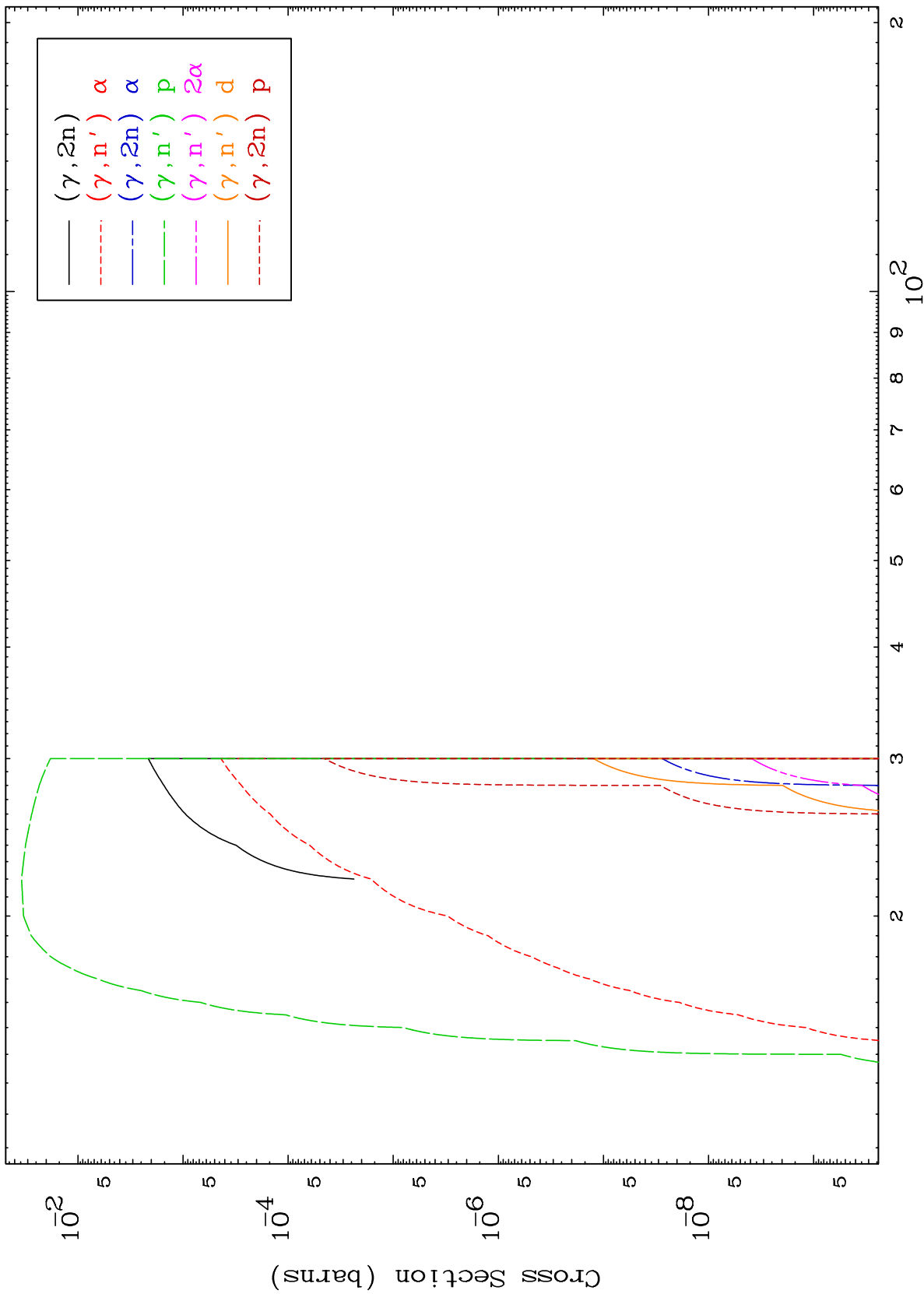
66-Dy-147

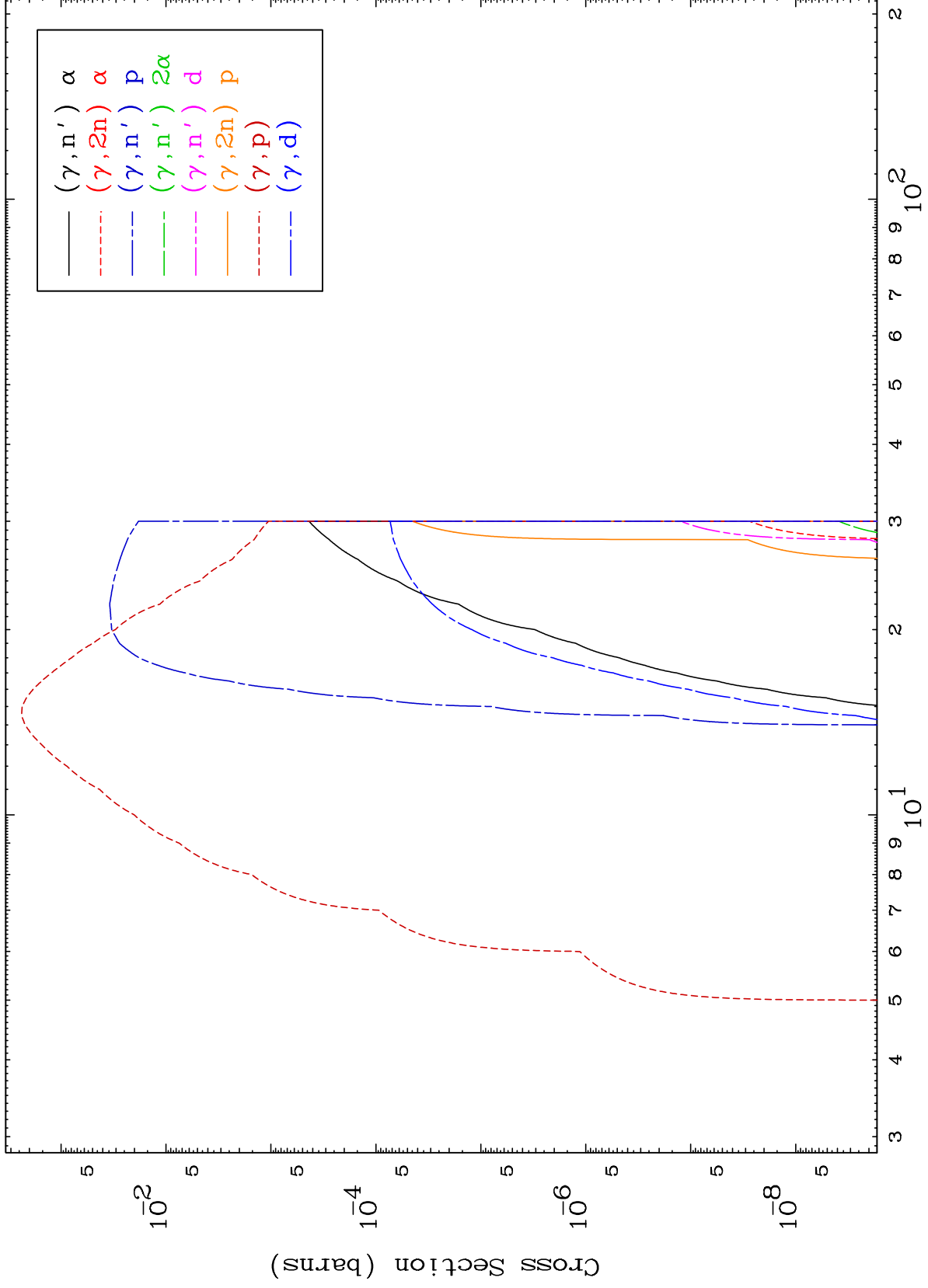


1

Incident Energy (MeV)

66-Dy-147

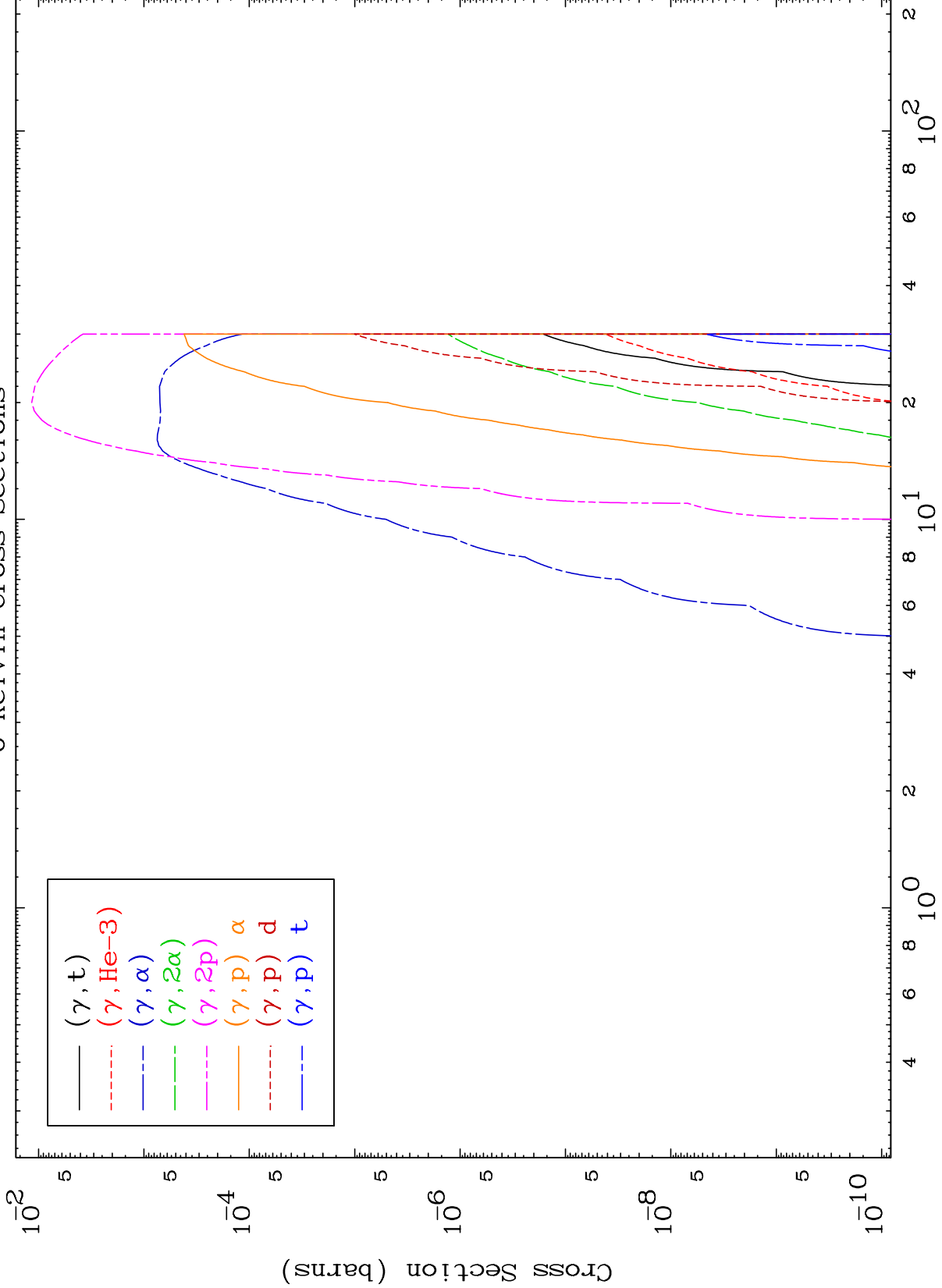




MAT 6599

Photon Charged Particle
0 Kelvin Cross Sections

66-Dy-147

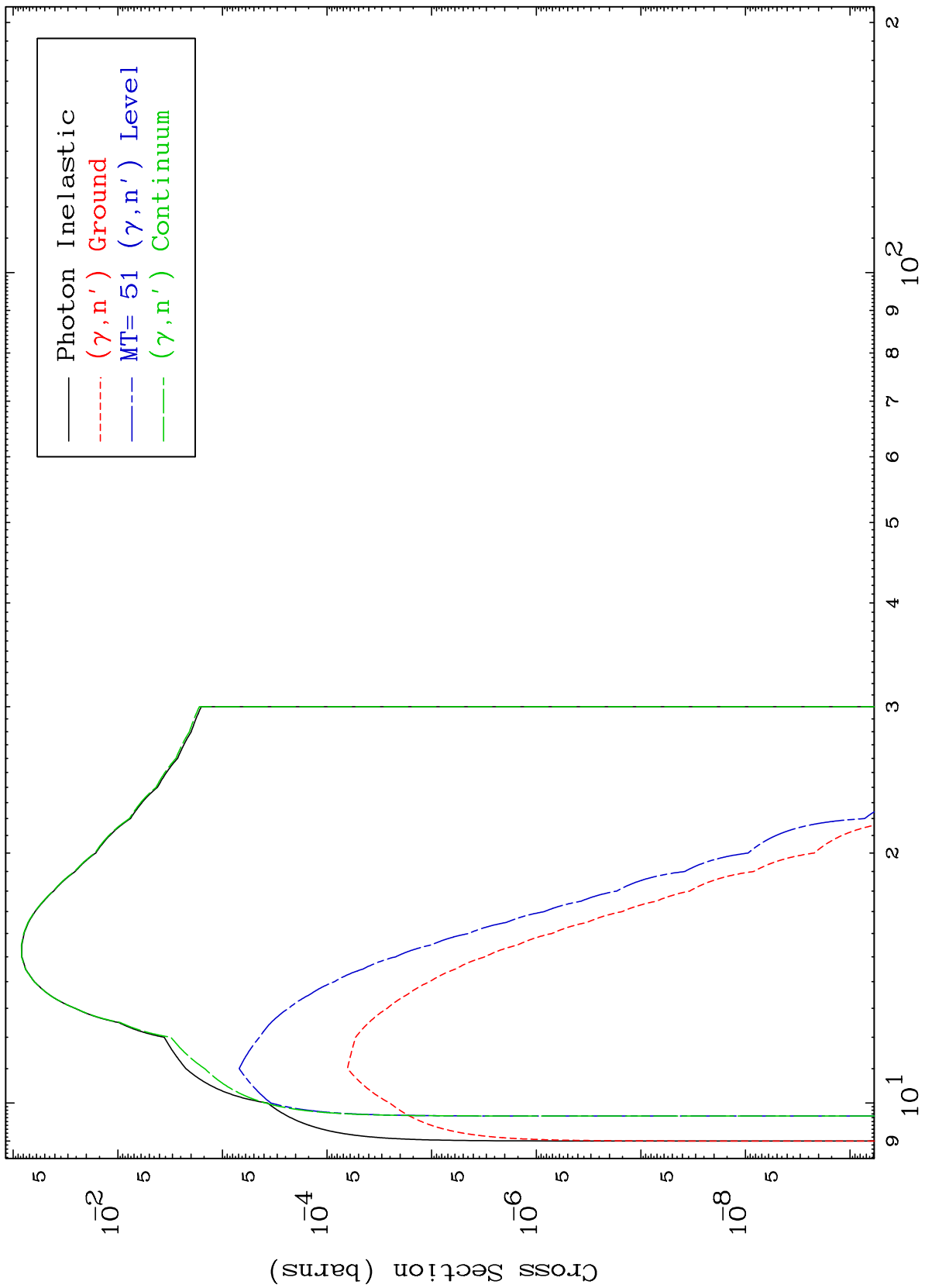


MAT 6599

(γ, n') Level

66-Dy-147

0 Kelvin Cross Sections



Incident Energy (MeV)

66-Dy-147

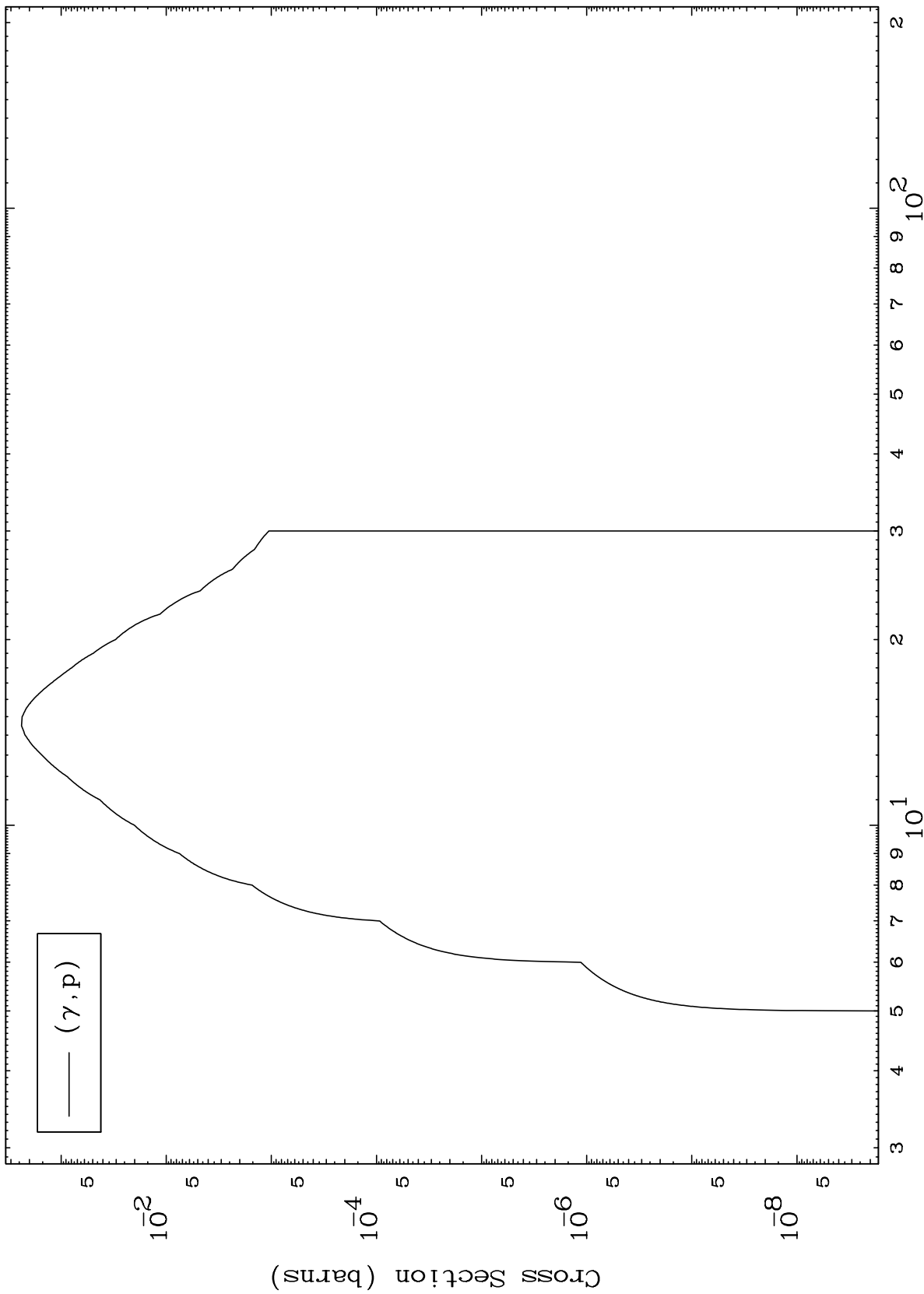
5

MAT 6599

(γ, p) Levels

66-Dy-147

0 Kelvin Cross Sections



Incident Energy (MeV)

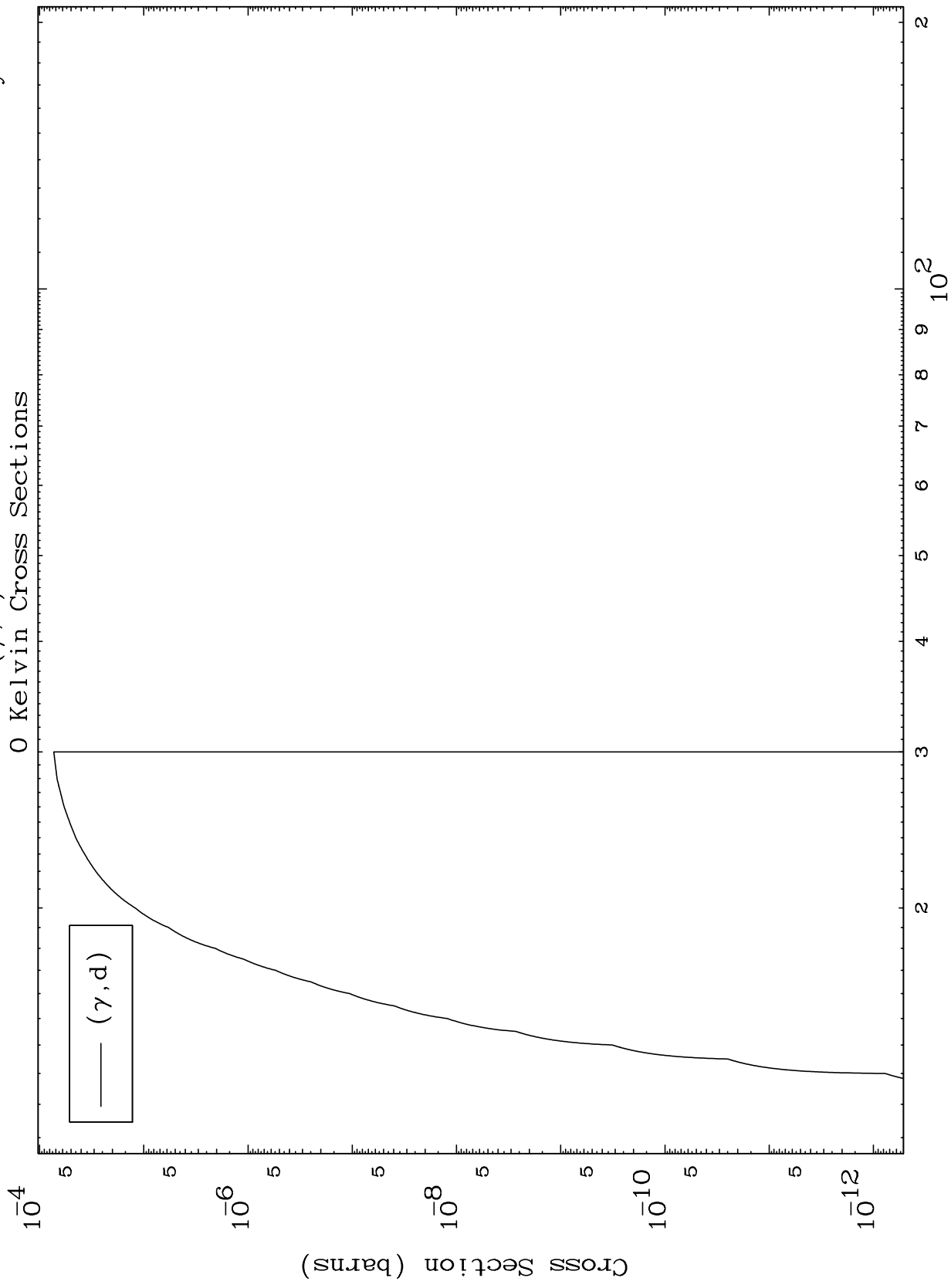
66-Dy-147

6

MAT 6599

(γ, d) Levels
0 Kelvin Cross Sections

66-Dy-147



7

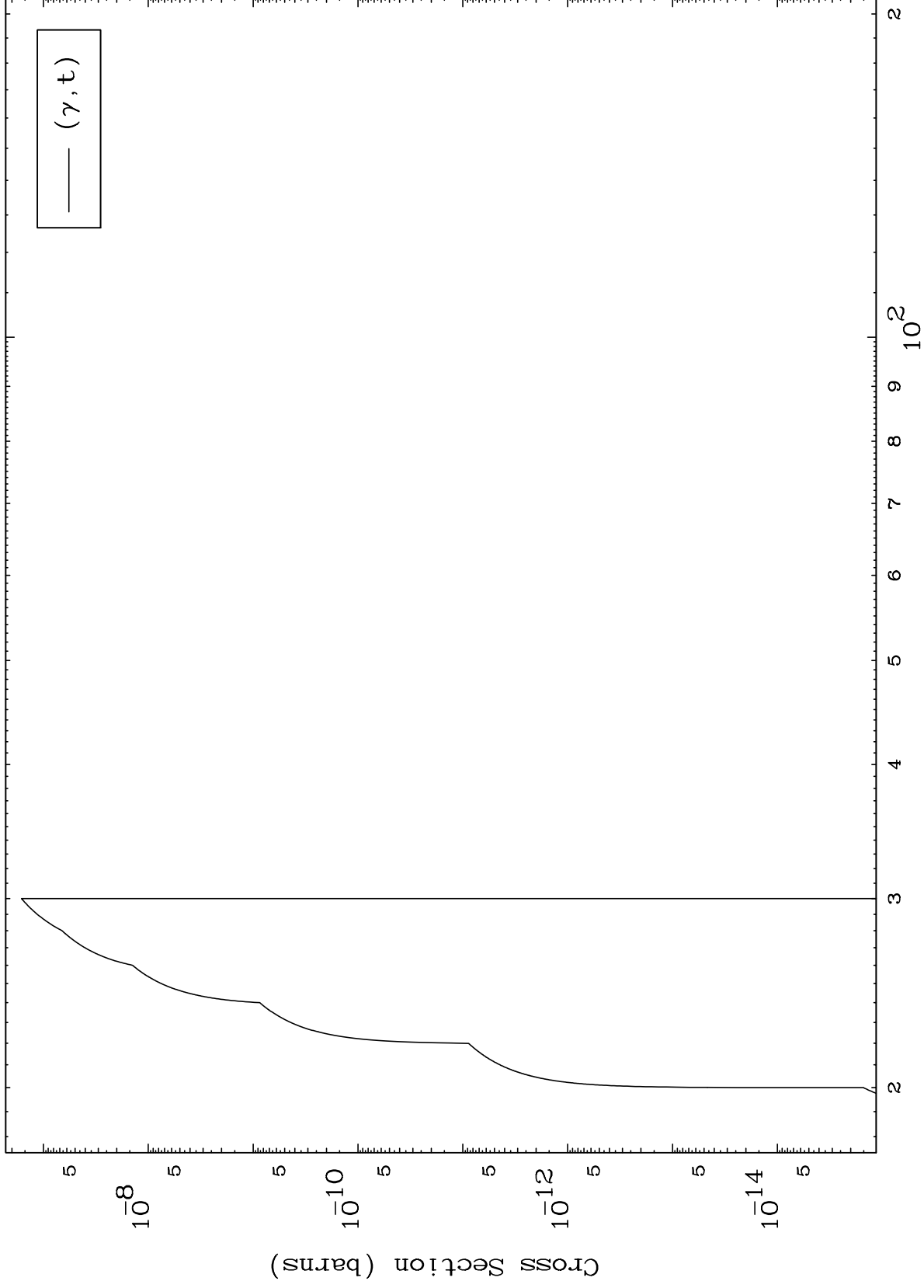
Incident Energy (MeV)

66-Dy-147

MAT 6599

(γ, t) Levels
0 Kelvin Cross Sections

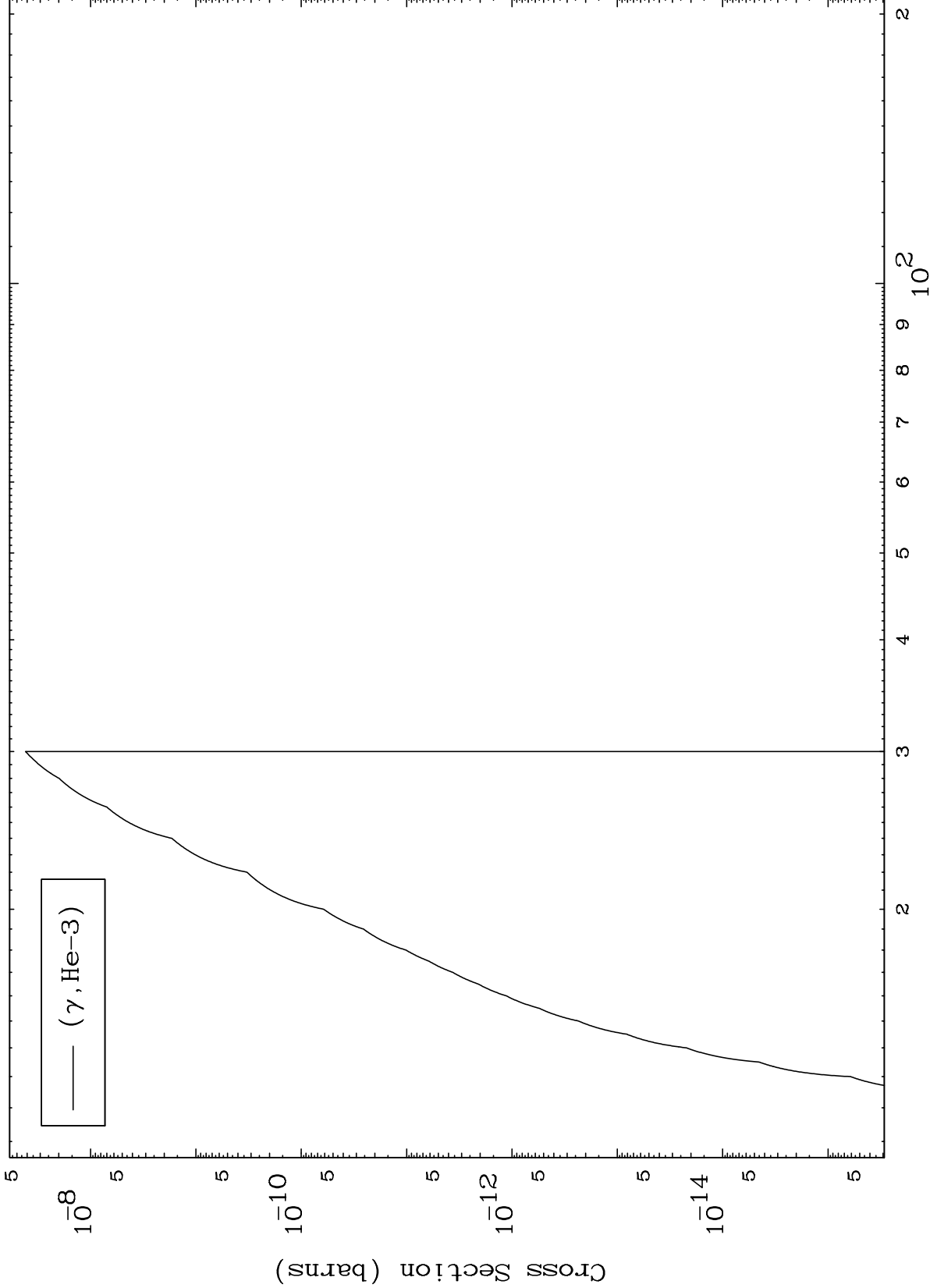
66-Dy-147



8

Incident Energy (MeV)

66-Dy-147

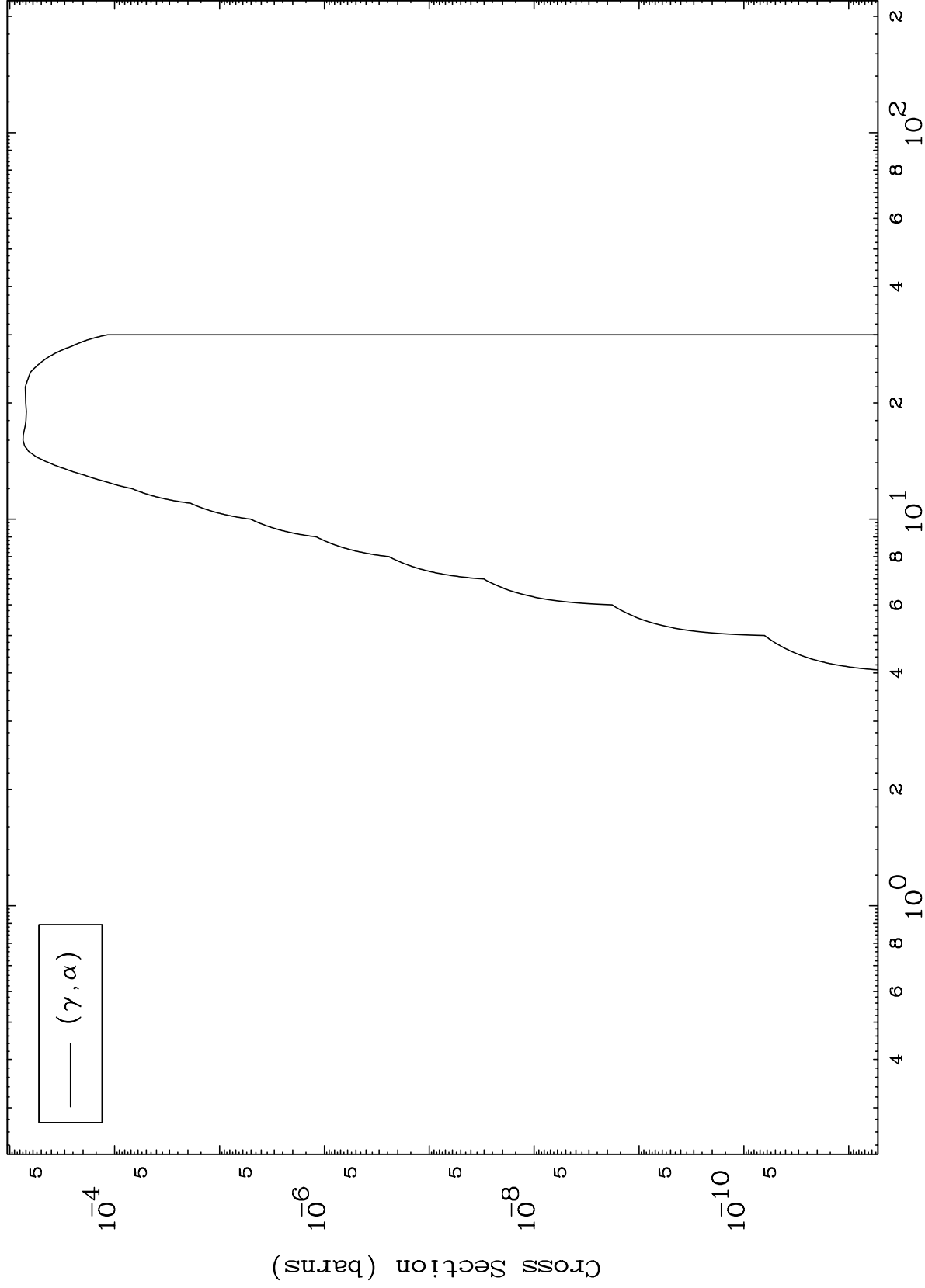


MAT 6599

(γ, α) Levels

66-Dy-147

0 Kelvin Cross Sections



10

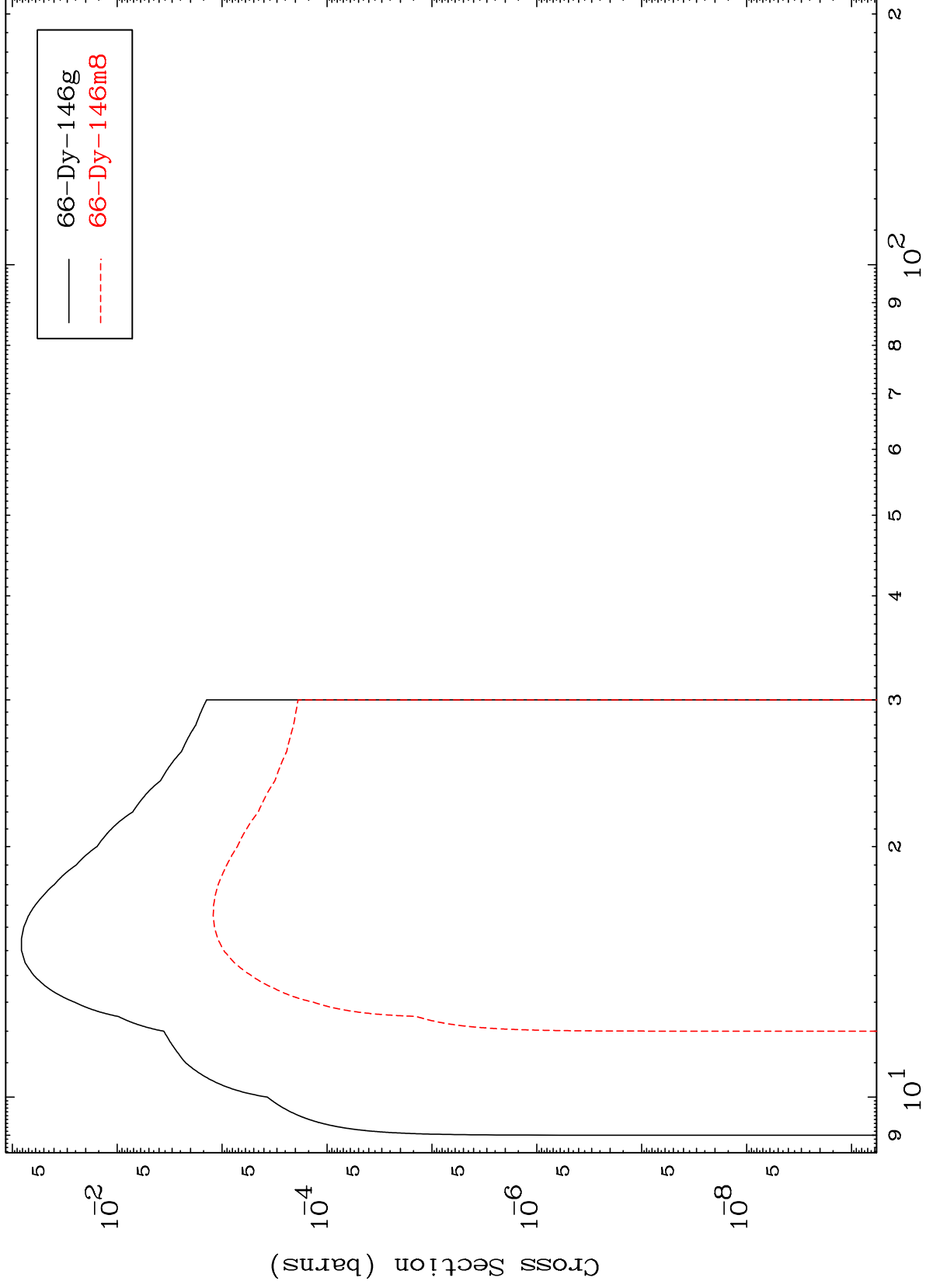
Incident Energy (MeV)

66-Dy-147

MAT 6599

66-Dy-147

Photon Inelastic
Radionuclide Production Cross Section



11

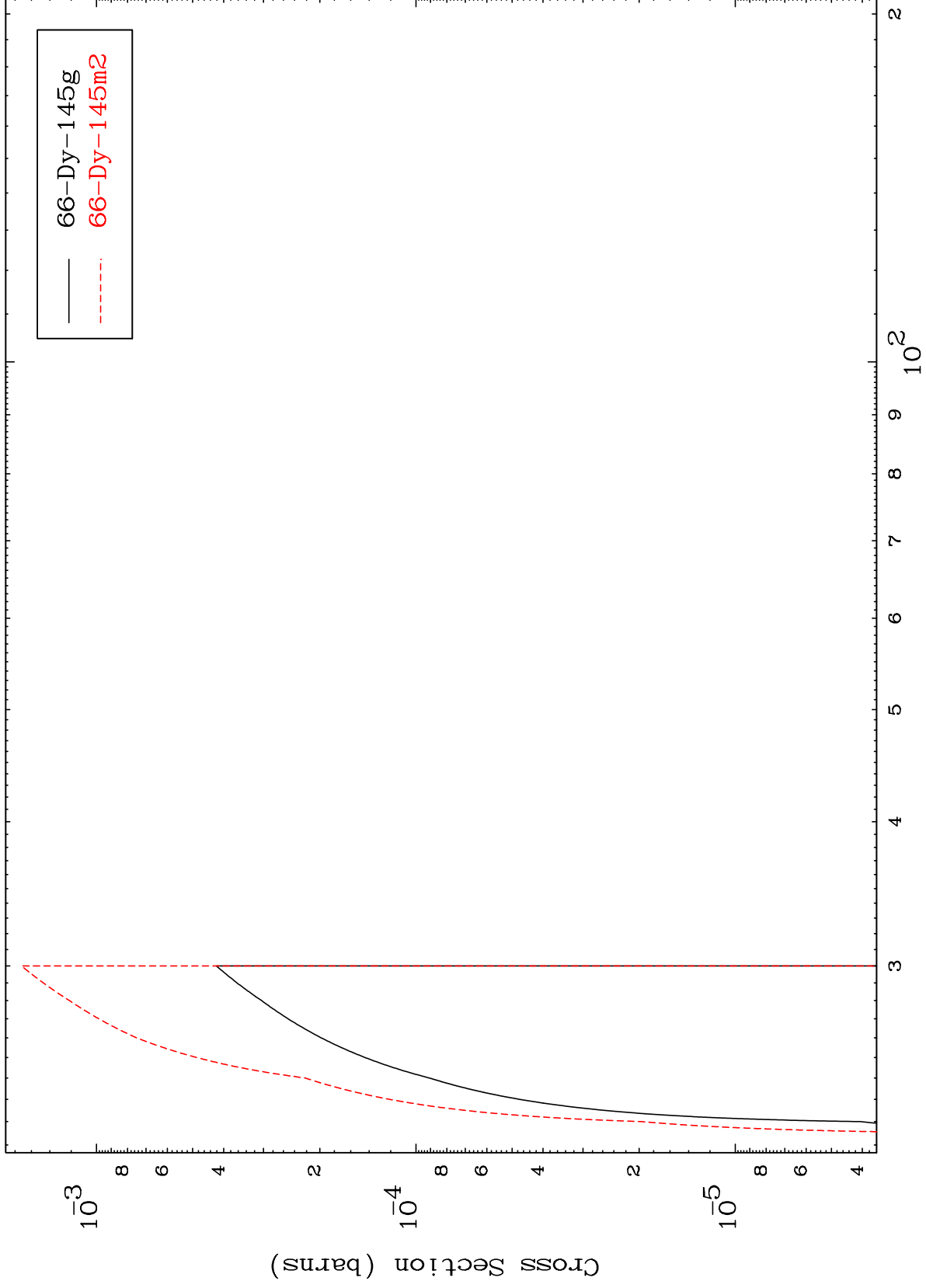
Incident Energy (MeV)

66-Dy-147

MAT 6599

66-Dy-147

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



12

Incident Energy (MeV)

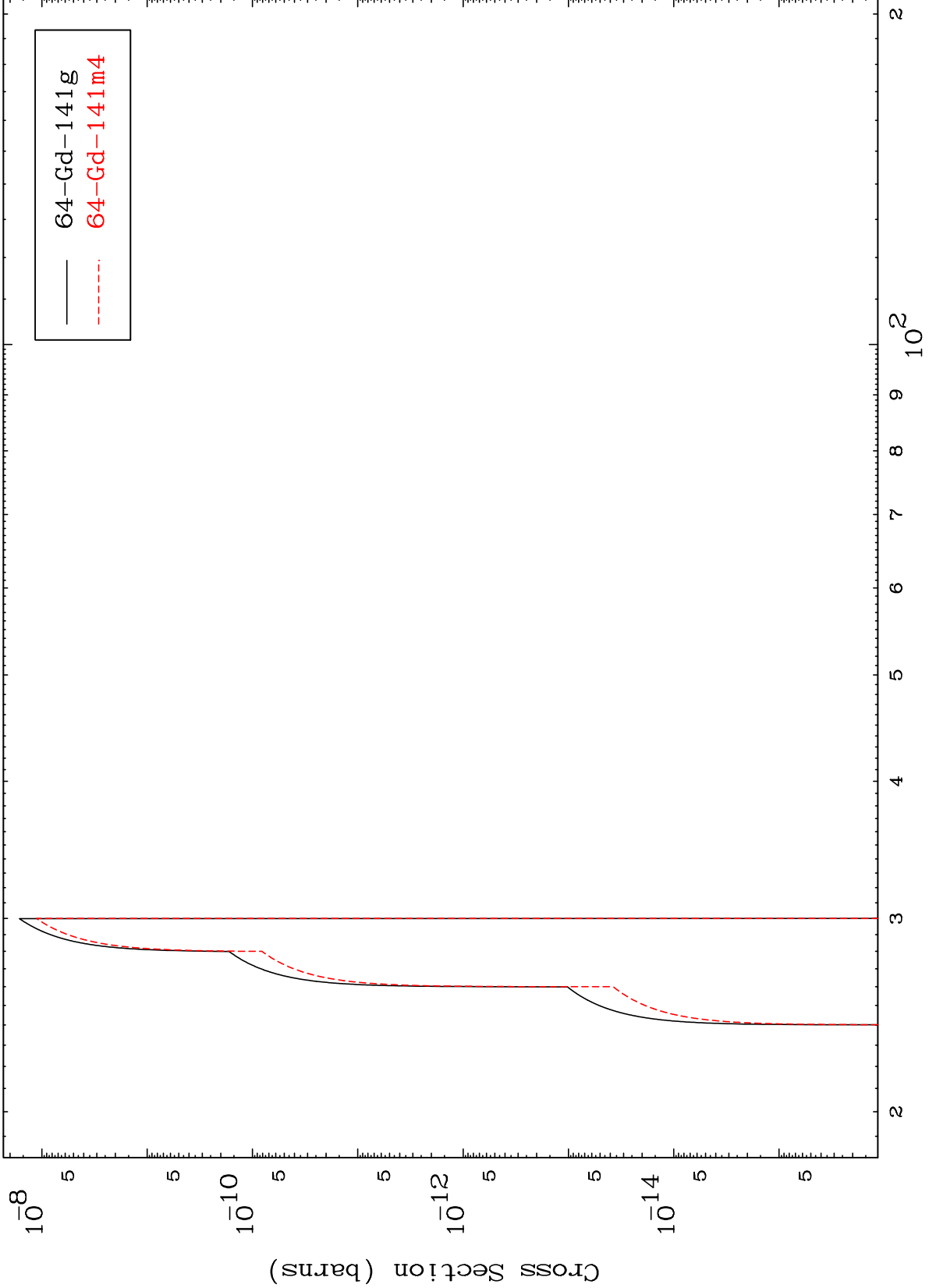
66-Dy-147

MAT 6599

$(\gamma, 2n) \alpha$

66-Dy-147

Radionuclide Production Cross Section

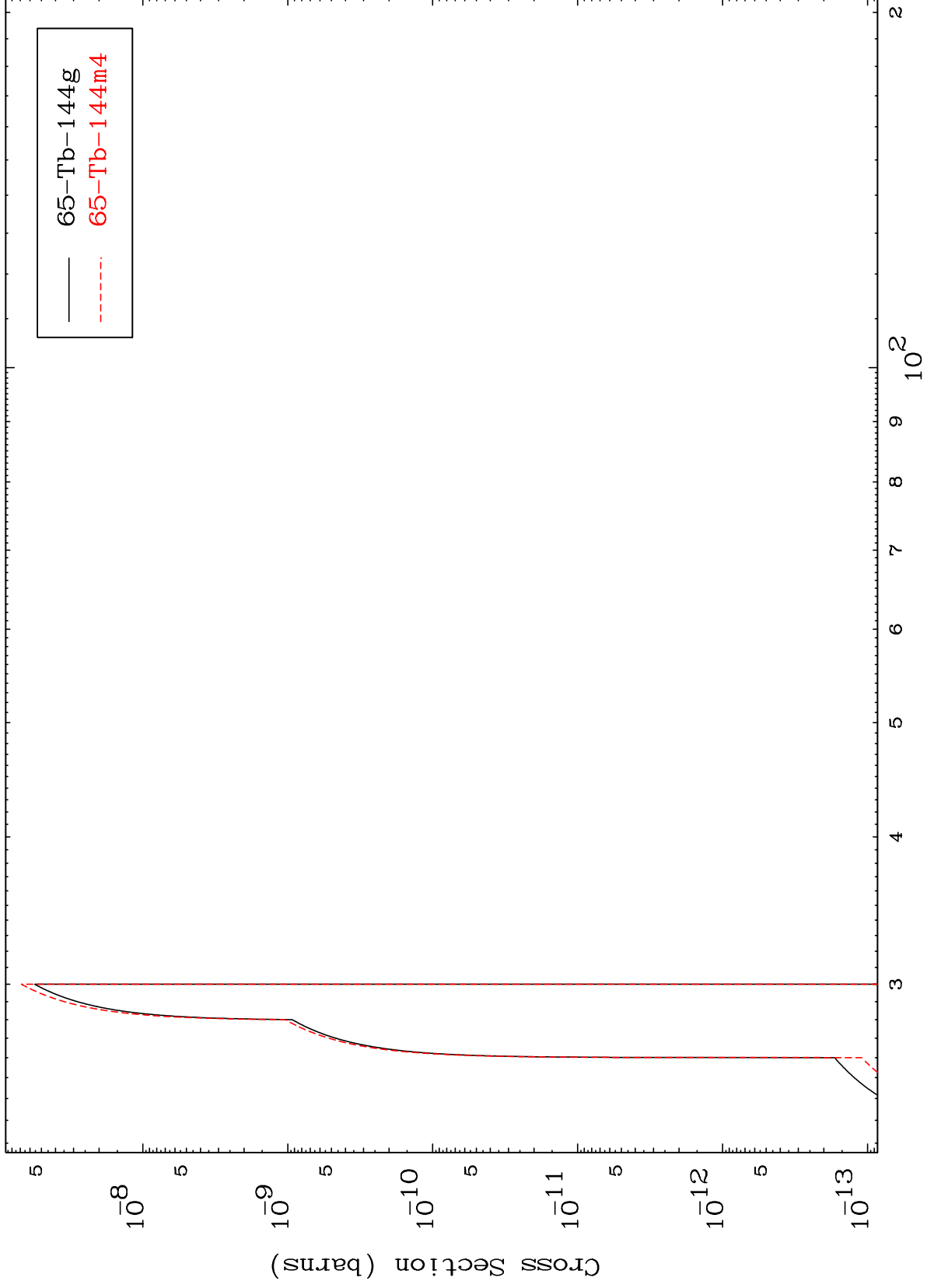


13

Incident Energy (MeV)

66-Dy-147

Radionuclide Production Cross Section

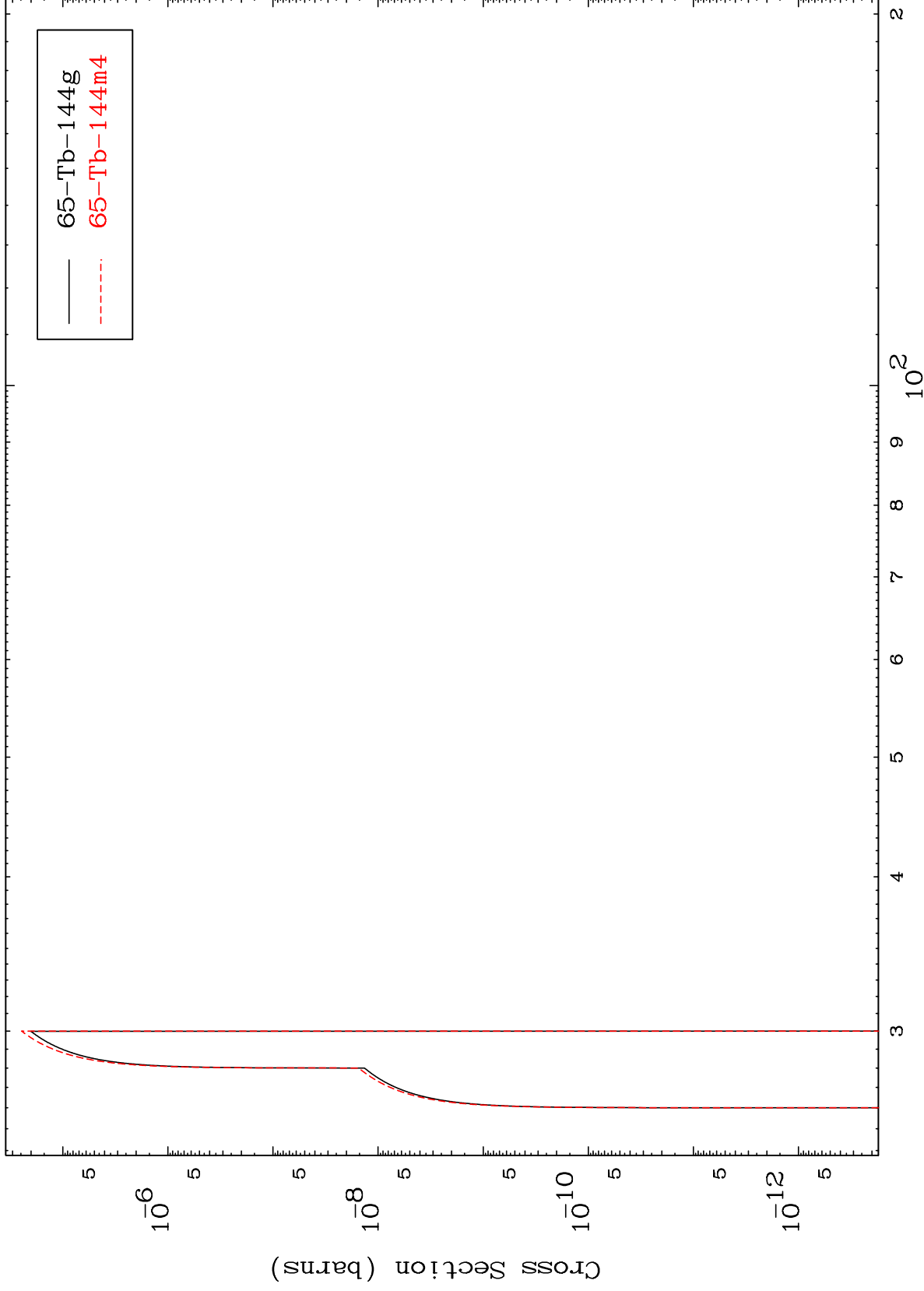


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($\gamma, 2n$) p

66-Dy-147

Radionuclide Production Cross Section



15

Incident Energy (MeV)

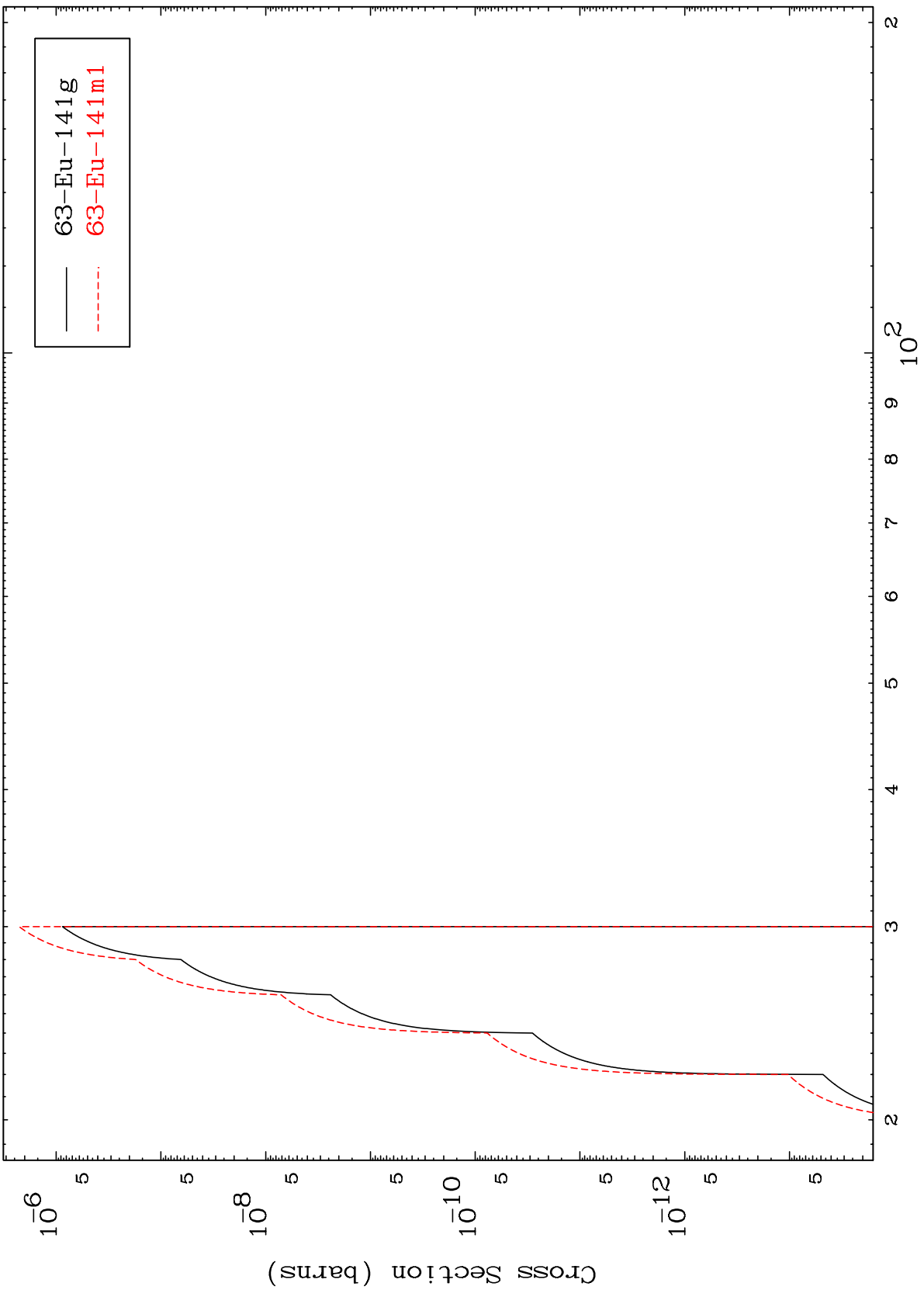
66-Dy-147

MAT 6599

(γ, n') p α

66-Dy-147

Radionuclide Production Cross Section



16

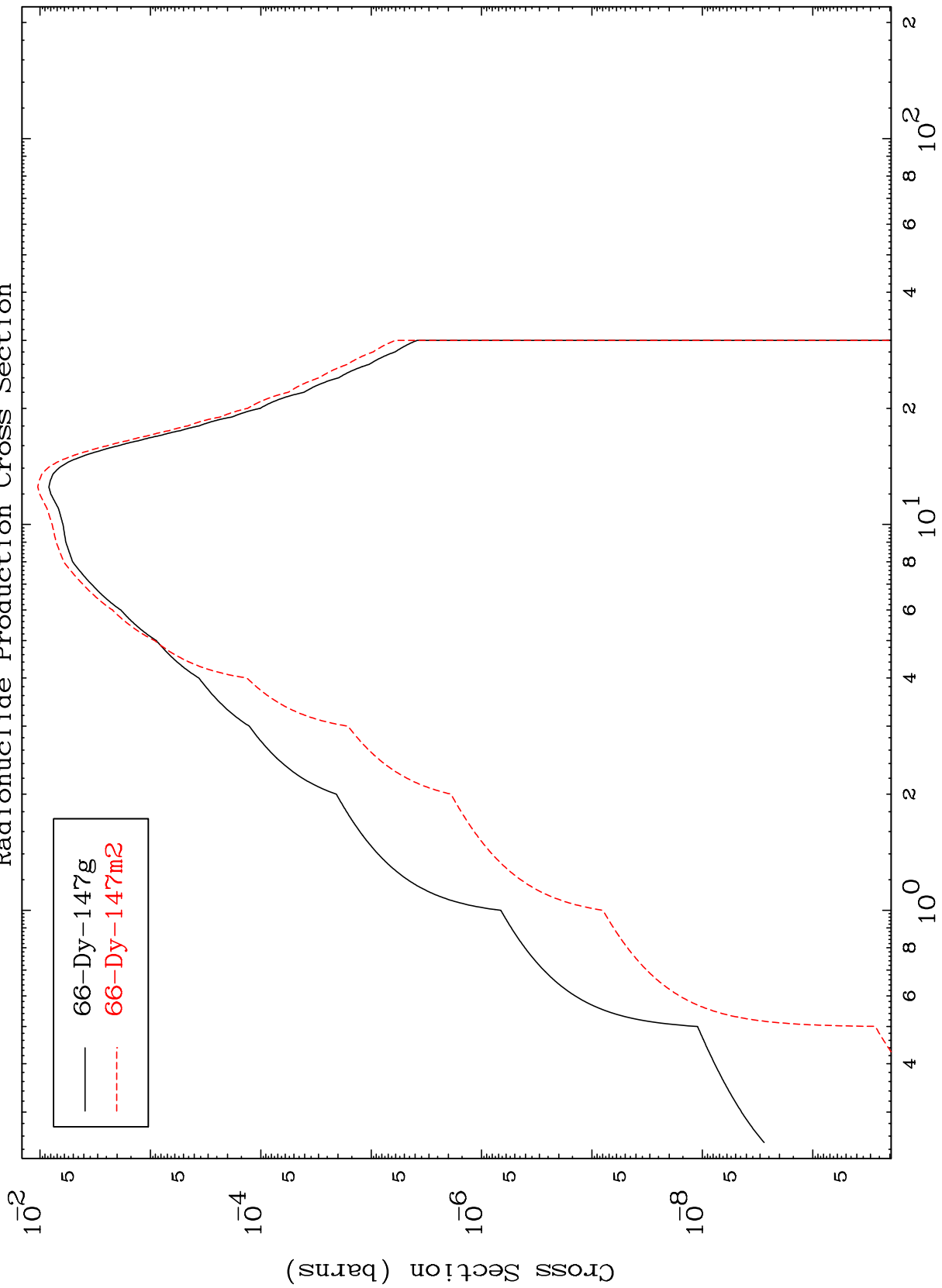
Incident Energy (MeV)

66-Dy-147

MAT 6599

66-Dy-147

(γ, γ)
Radionuclide Production Cross Section



— 66-Dy-147g
- - - 66-Dy-147m2

66-Dy-147

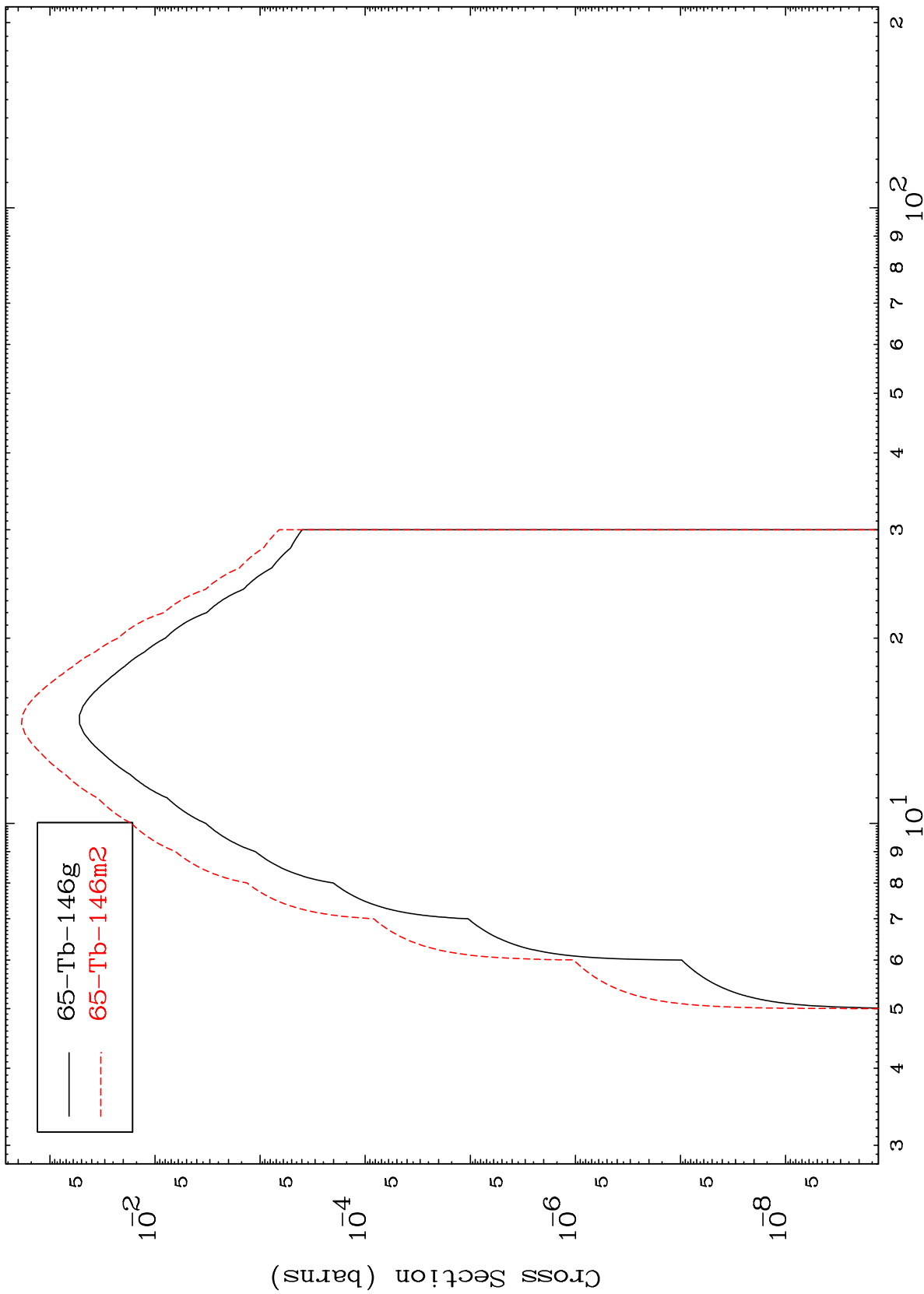
Incident Energy (MeV)

17

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66-Dy-147

Radionuclide Production Cross Section
(γ, p)

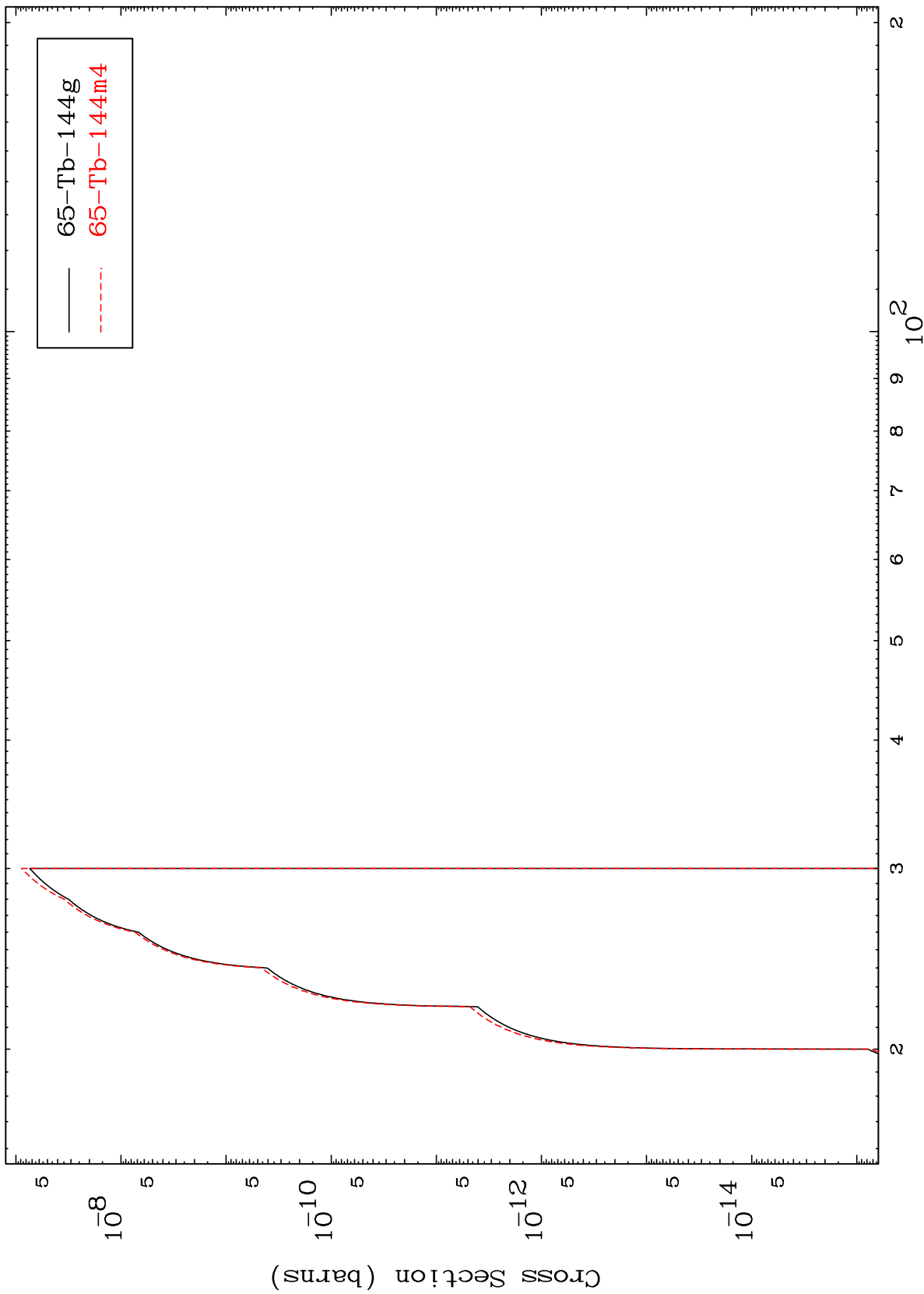


18

Incident Energy (MeV)

66-Dy-147

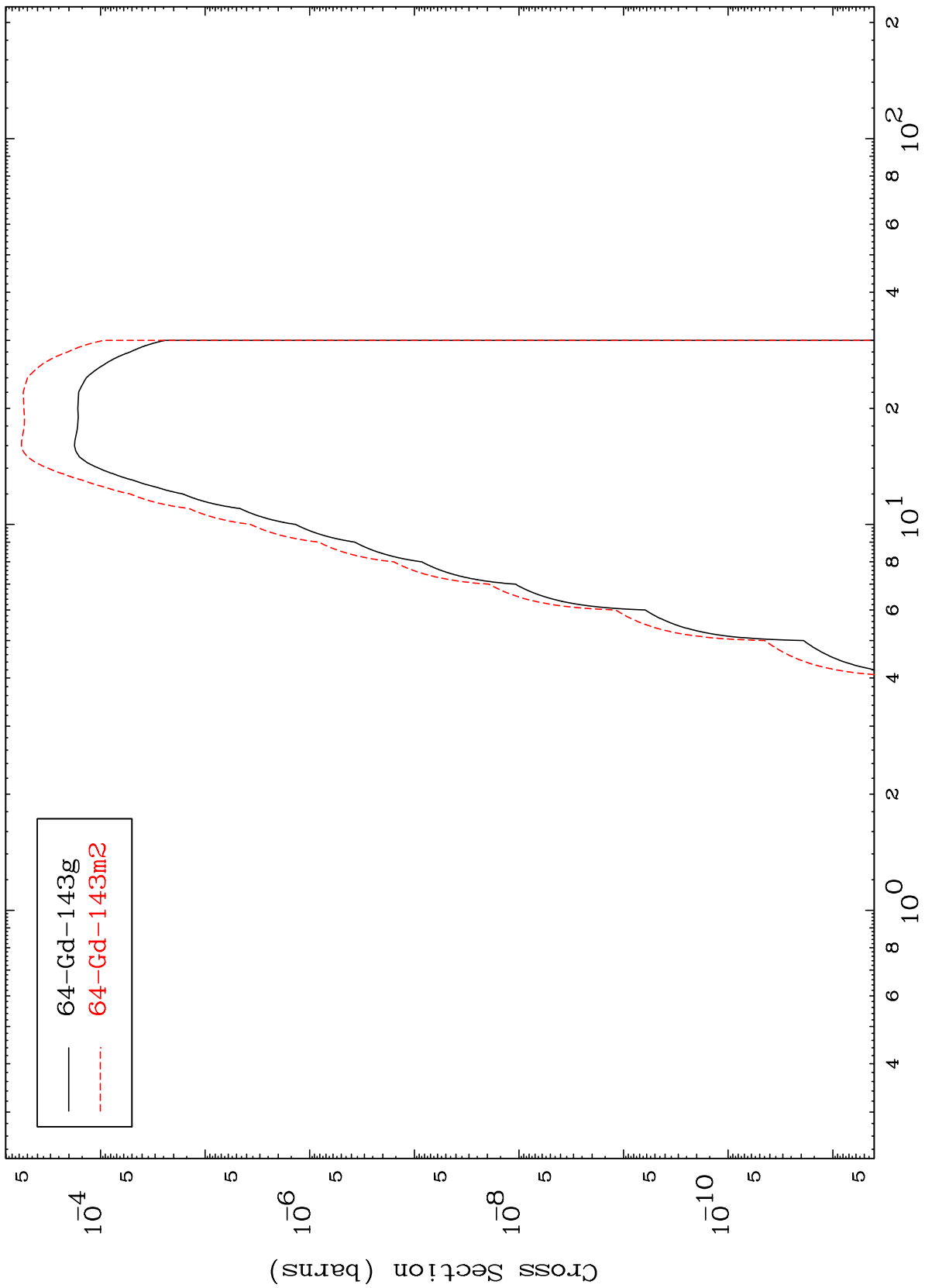
(γ, t)
Radionuclide Production Cross Section



MAT 6599

66-Dy-147

(γ, α)
Radionuclide Production Cross Section



20

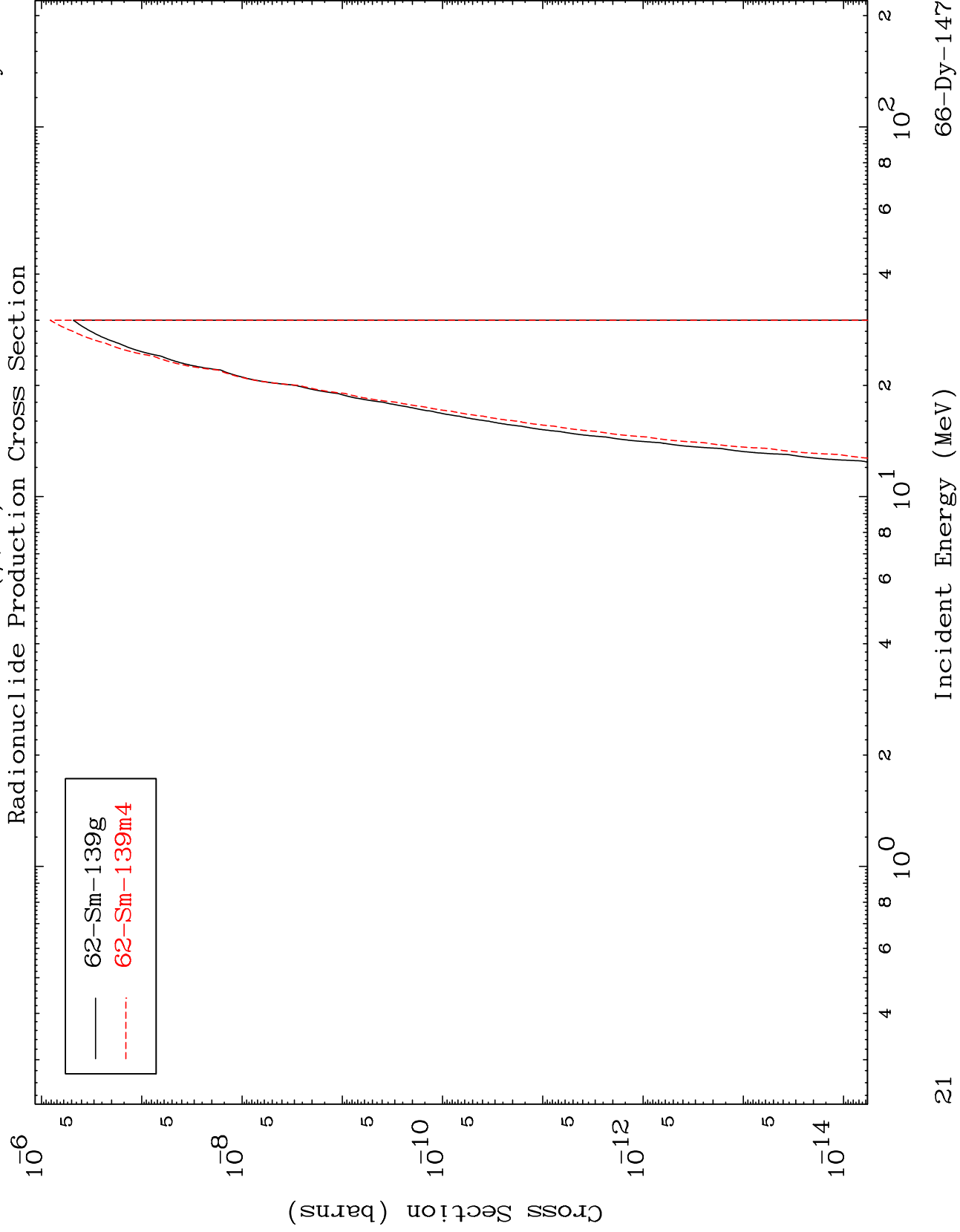
Incident Energy (MeV)

66-Dy-147

MAT 6599

($\gamma, 2\alpha$)

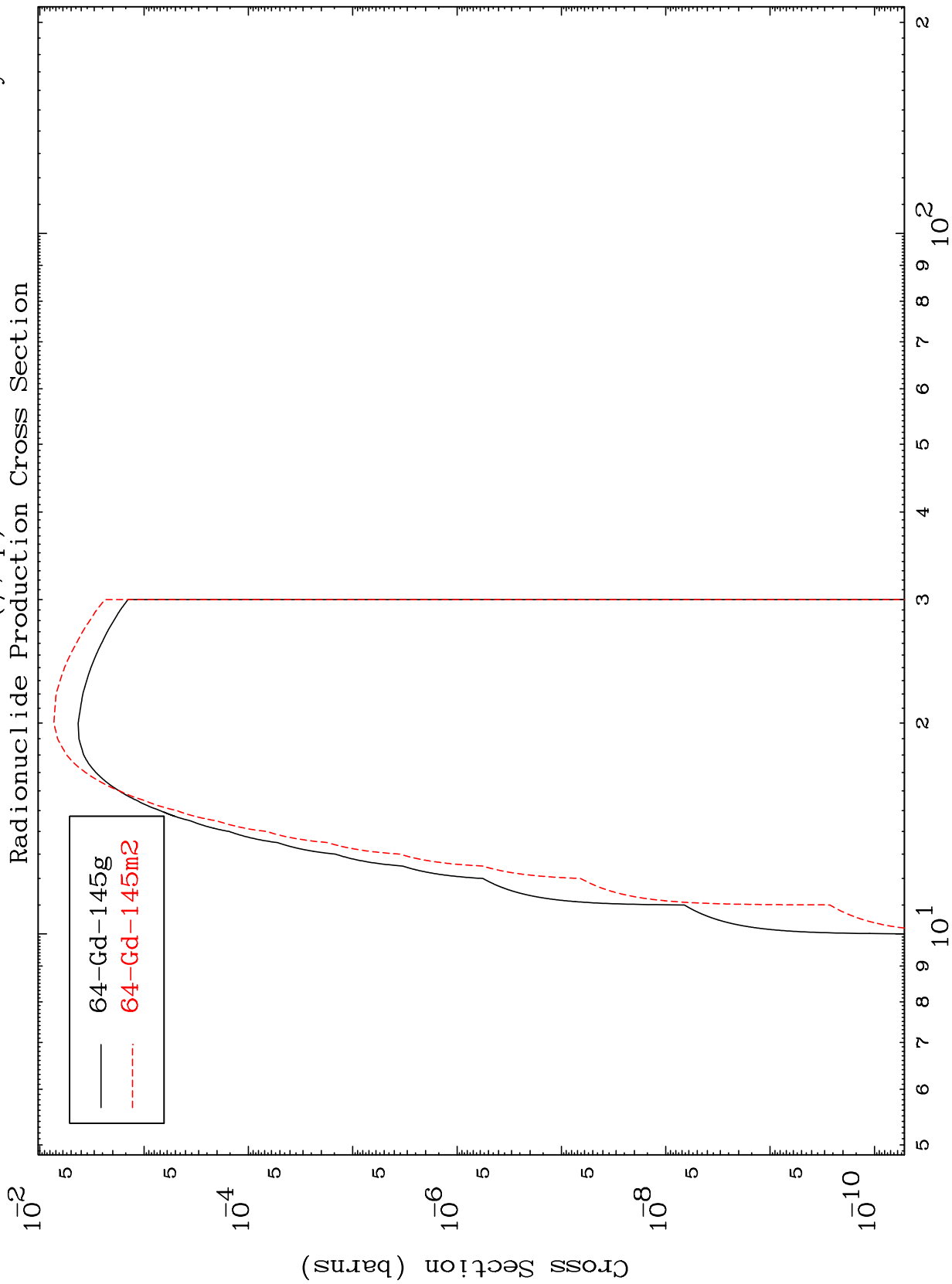
66-Dy-147



MAT 6599

66-Dy-147

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



22

Incident Energy (MeV)

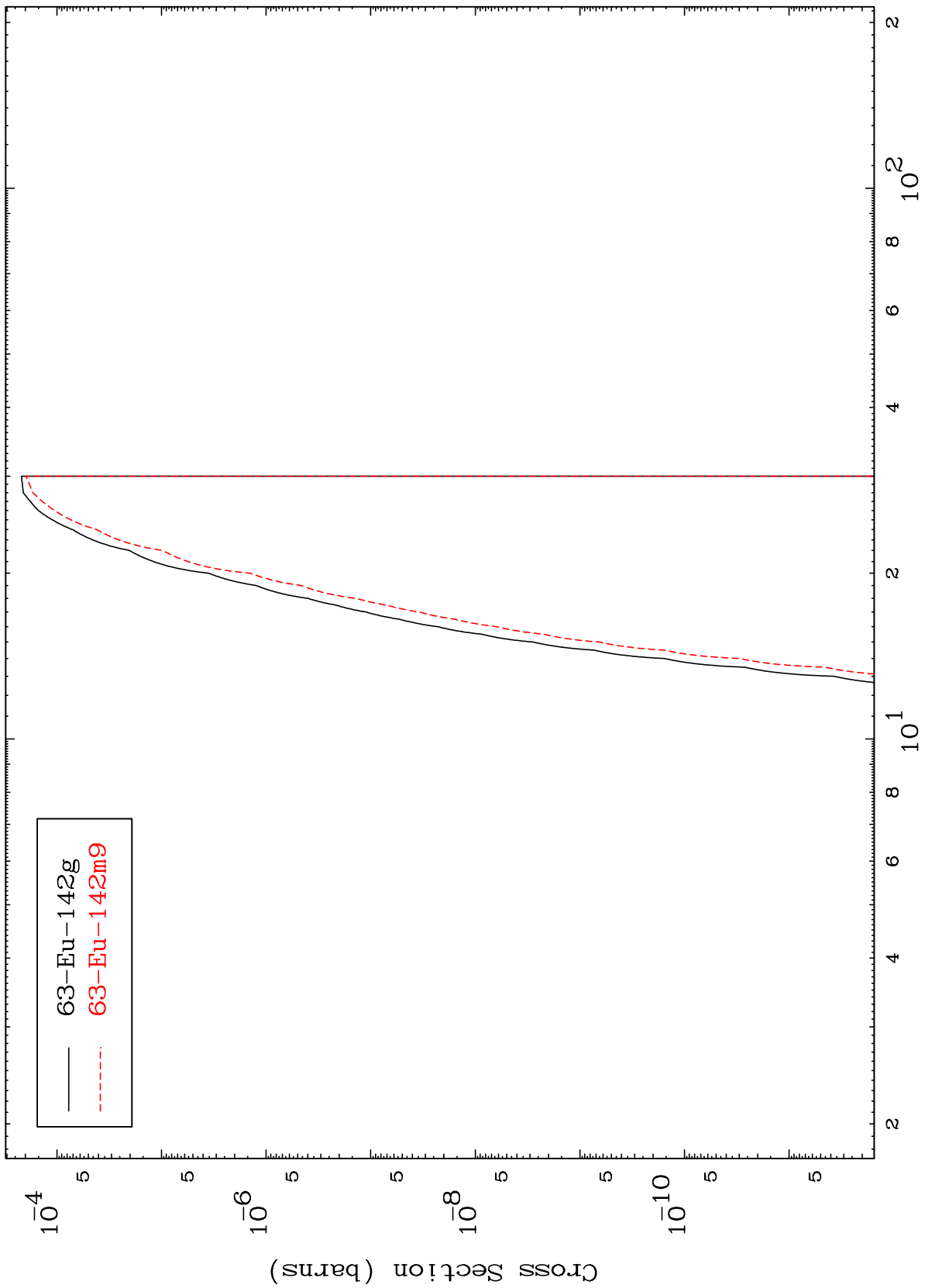
66-Dy-147

MAT 6599

(γ, p) α

66-Dy-147

Radionuclide Production Cross Section



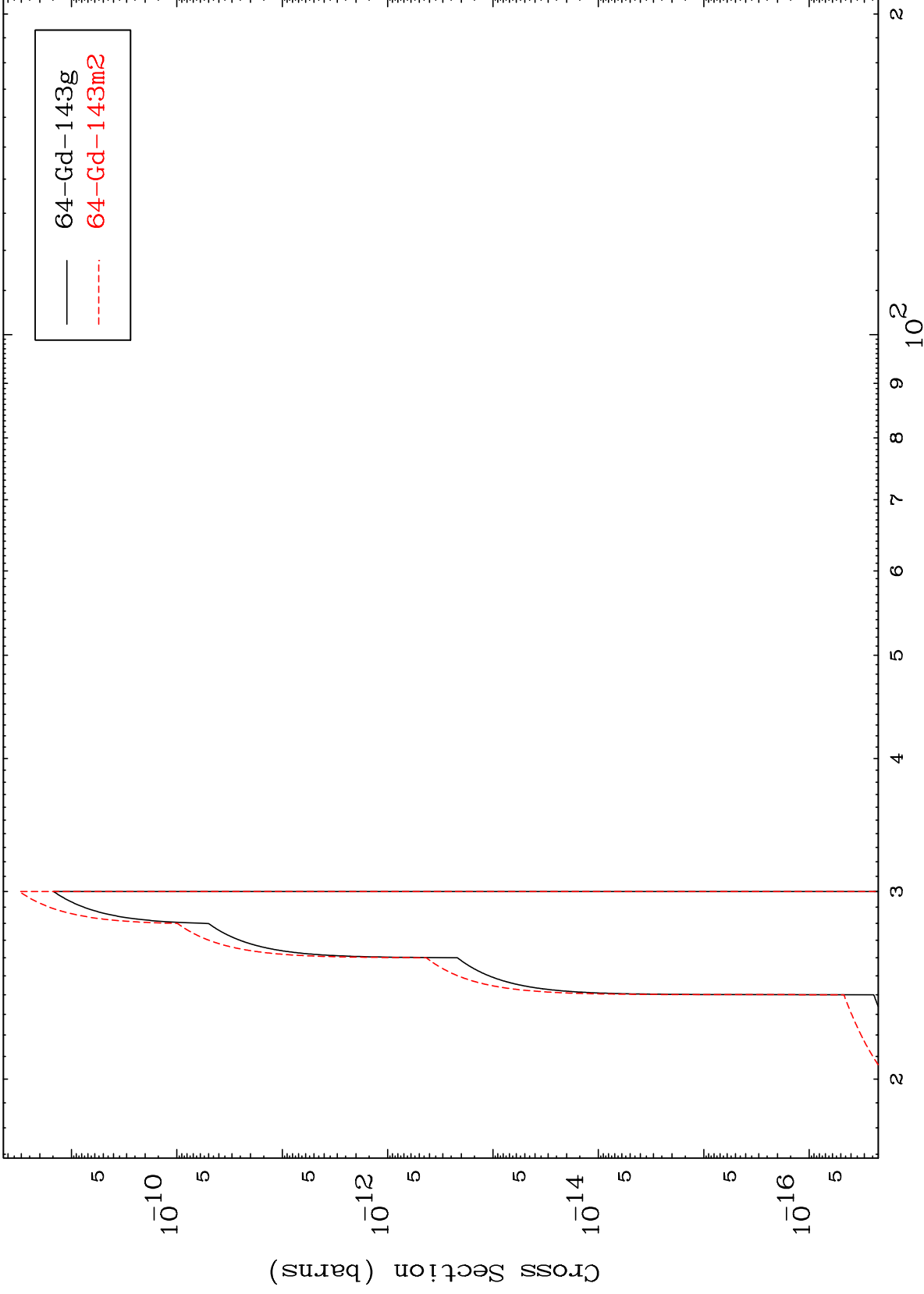
63-Eu-142g
63-Eu-142m9

23

Incident Energy (MeV)

66-Dy-147

Radionuclide Production Cross Section

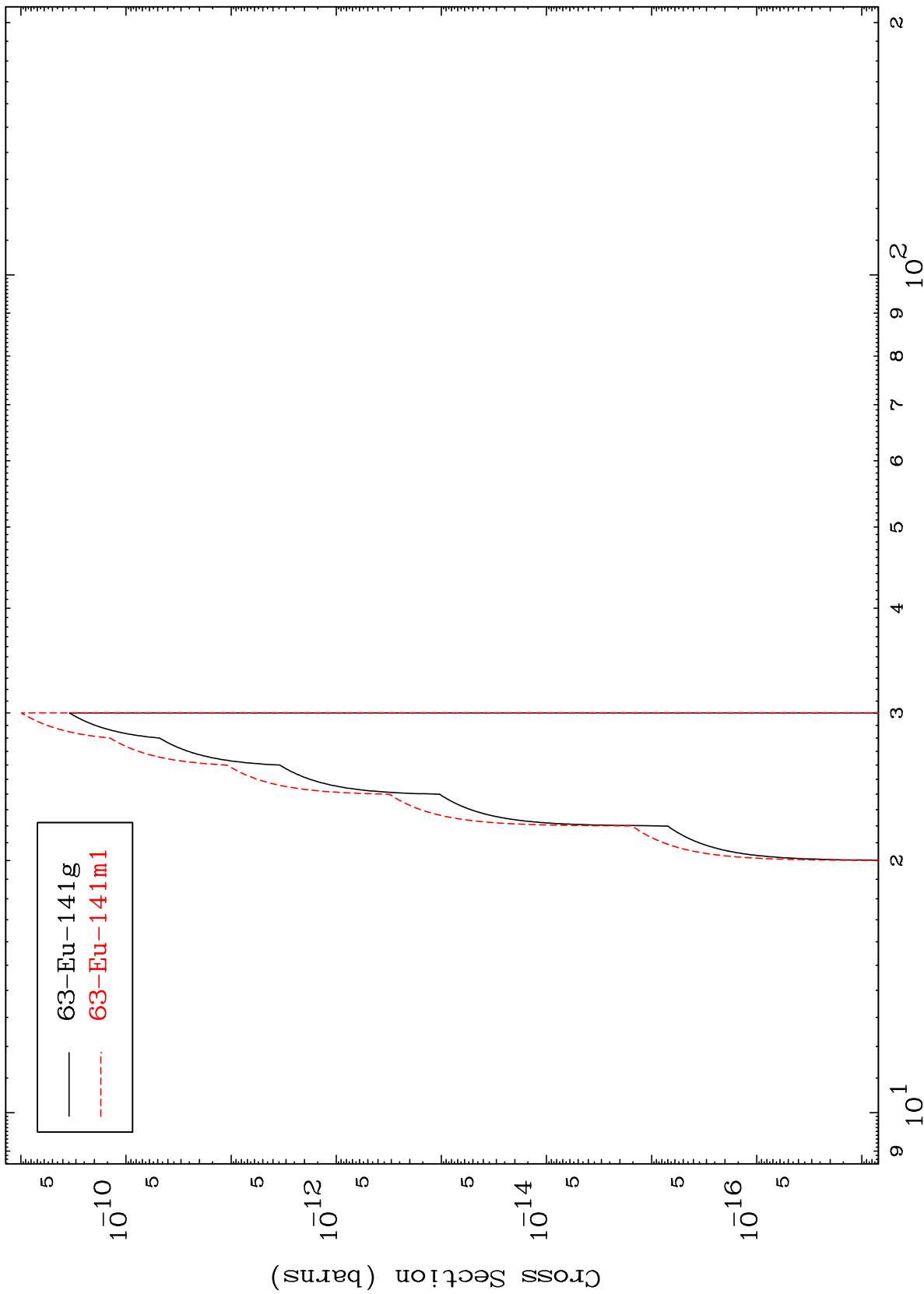


MAT 6599

(γ, d) α

66-Dy-147

Radionuclide Production Cross Section



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

Incident Energy (MeV)

66-Dy-147

25