

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

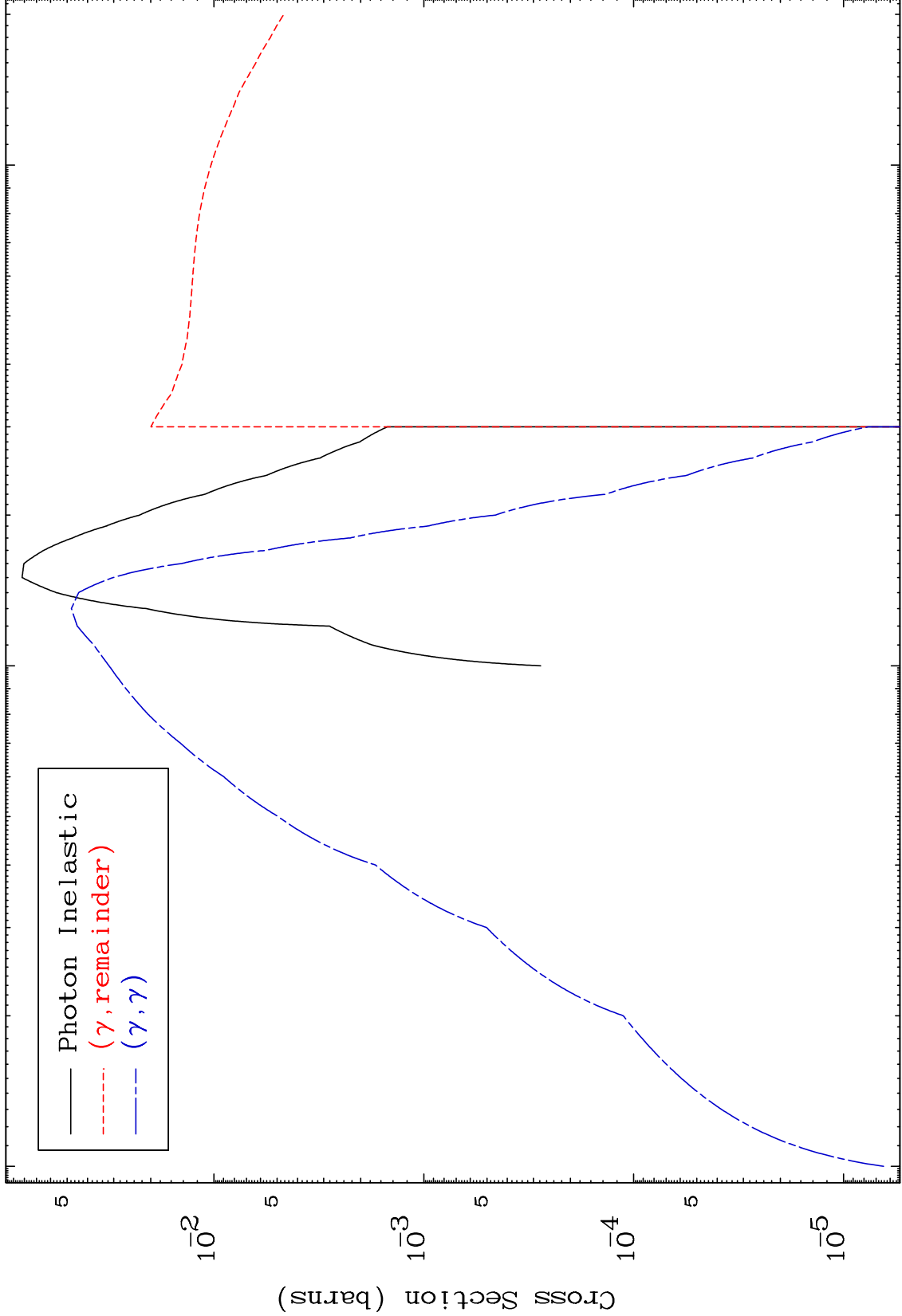
Press Mouse Button to Start

MAT 6599

Photon Major

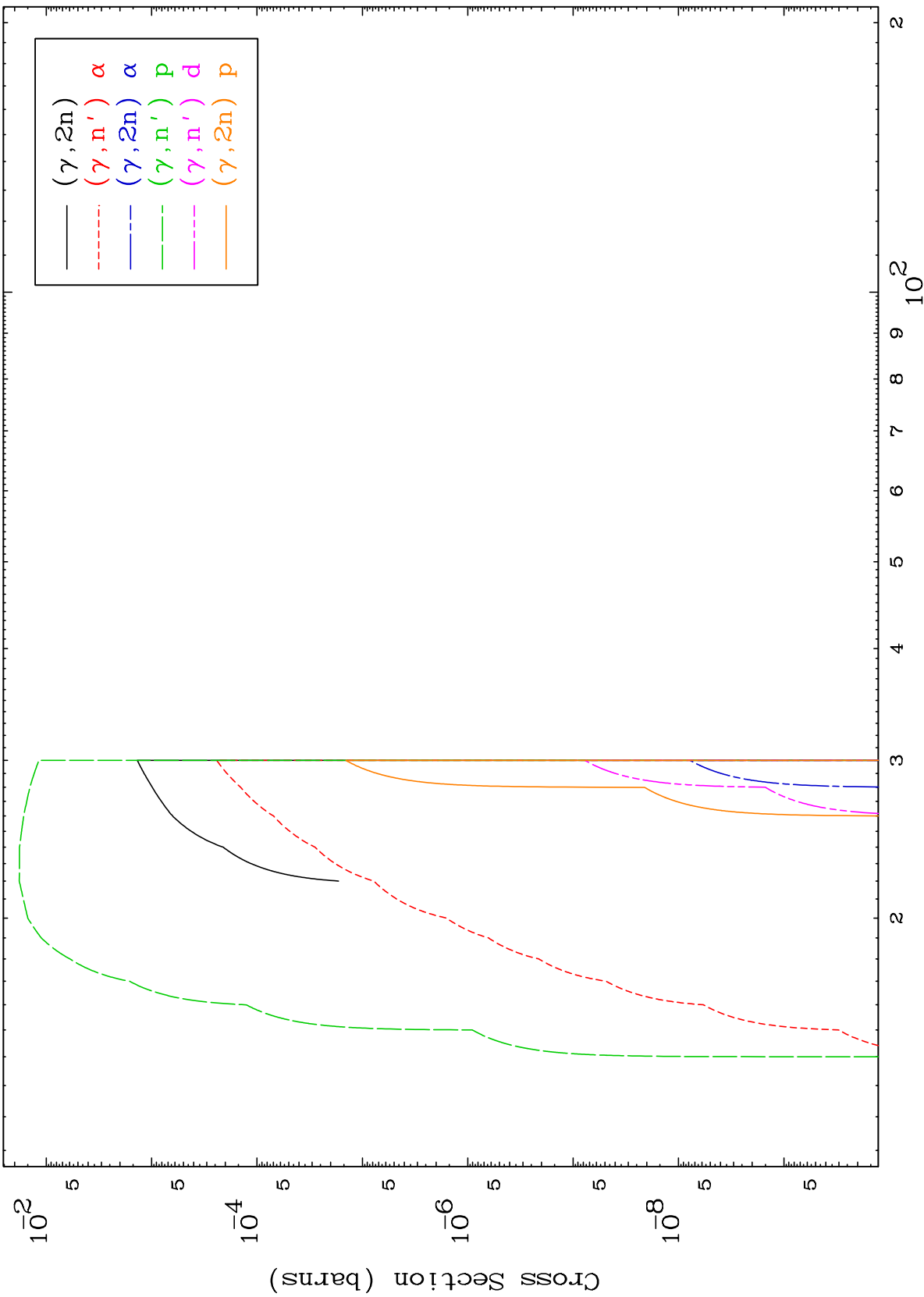
66-Dy-147

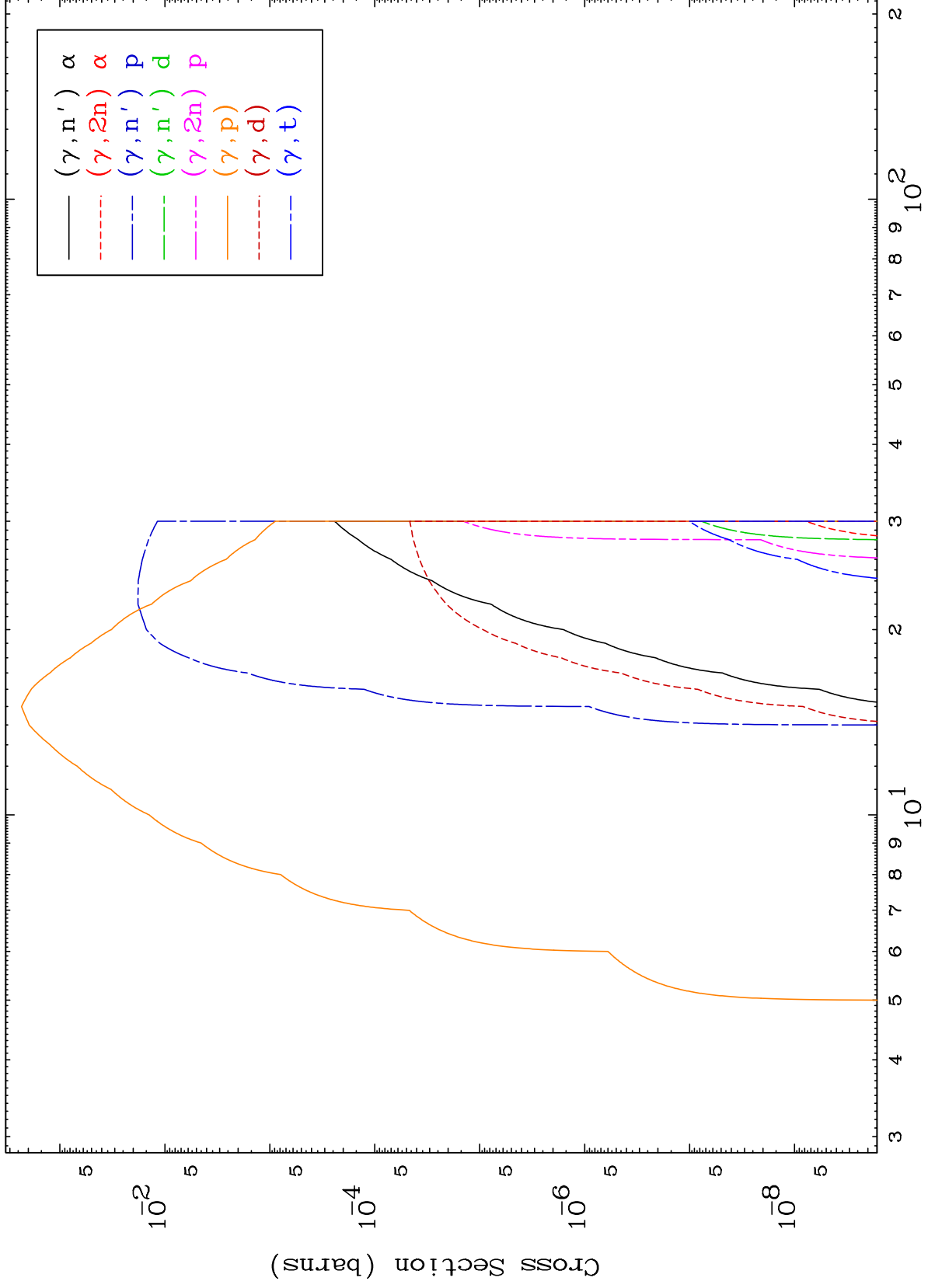
0 Kelvin Cross Sections



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

Incident Energy (MeV) 66-Dy-147

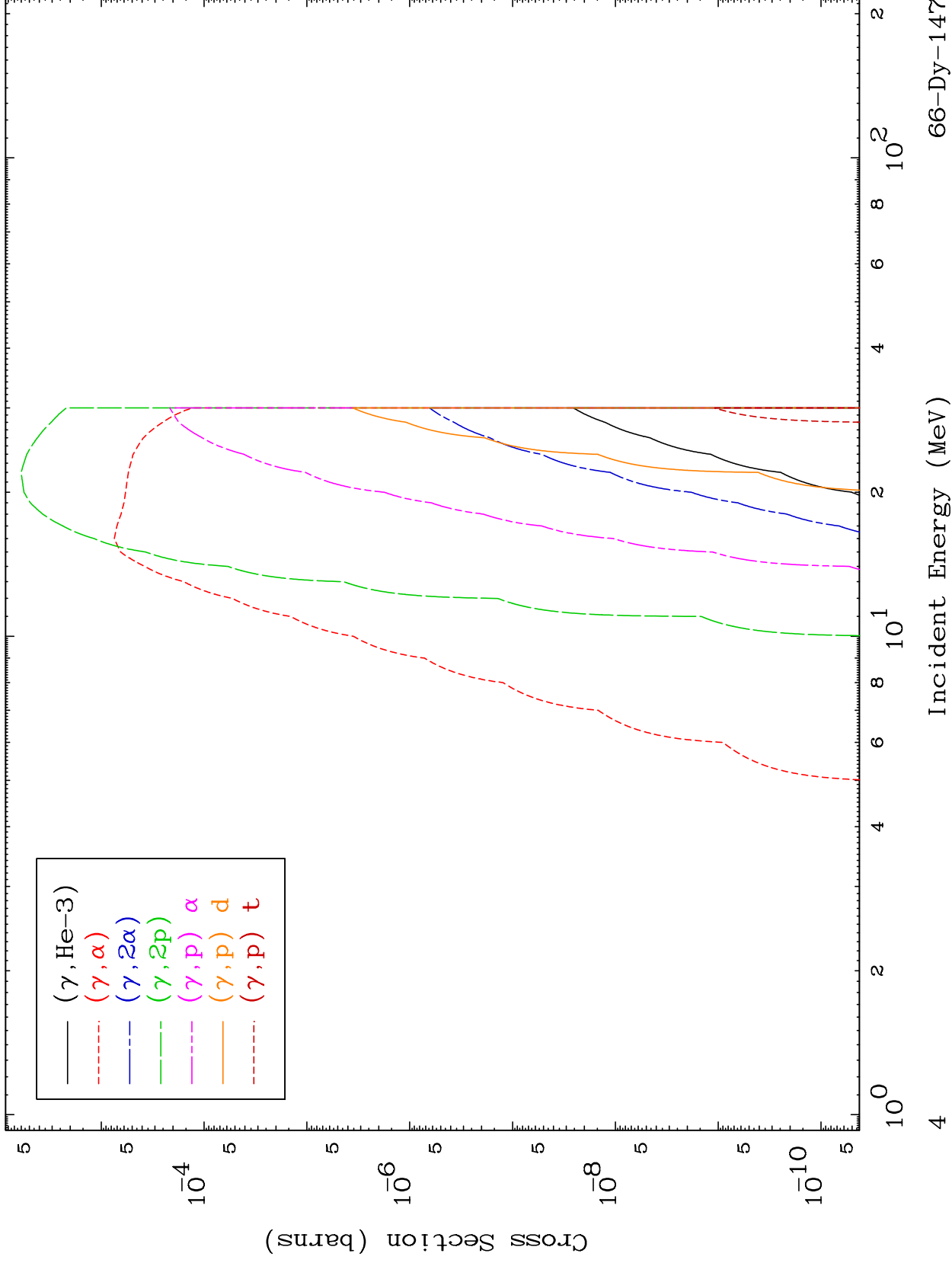




MAT 6599

Photon Charged Particle
0 Kelvin Cross Sections

66-Dy-147



66-Dy-147

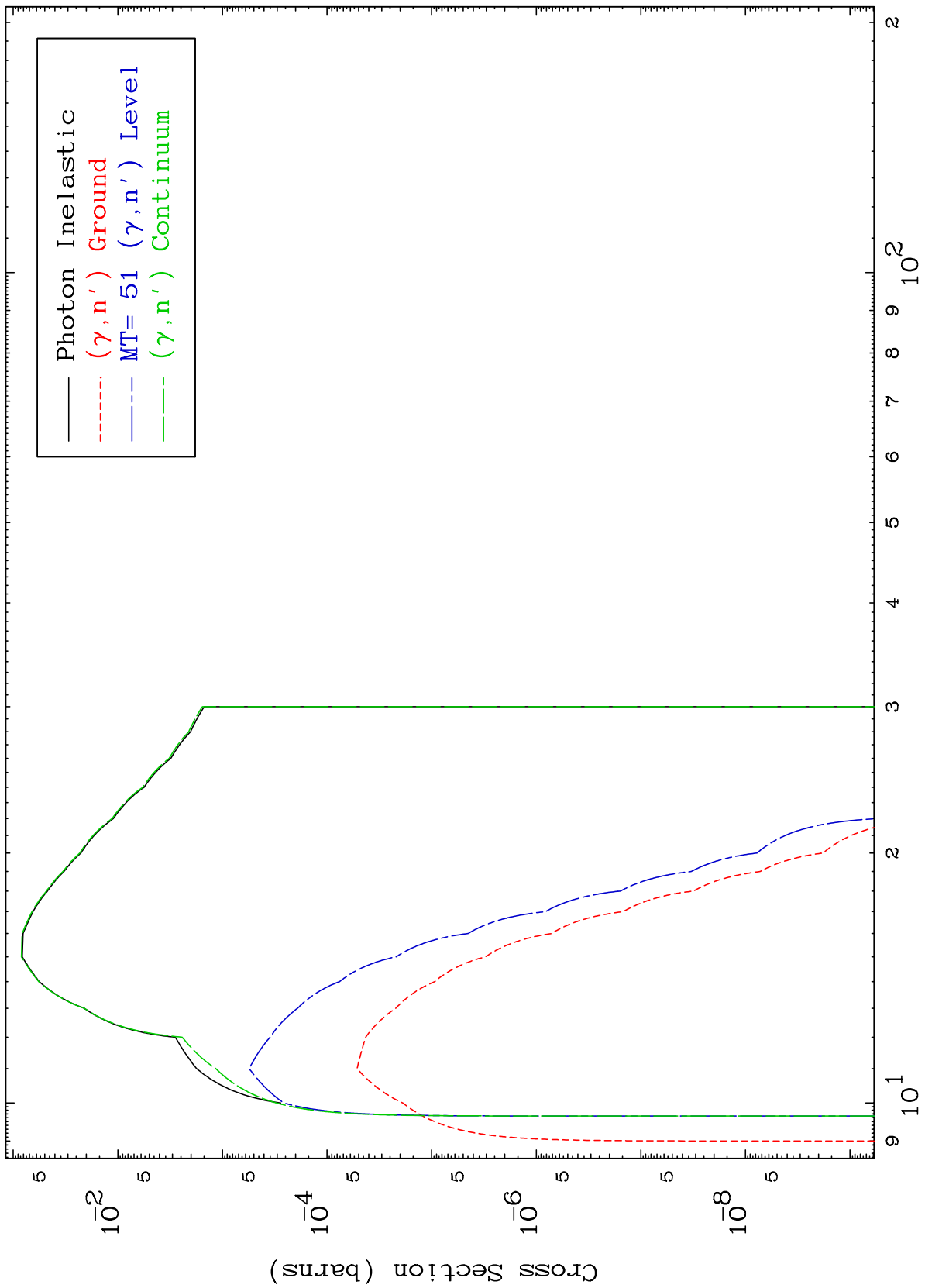
Incident Energy (MeV)

MAT 6599

(γ, n') Level

66-Dy-147

0 Kelvin Cross Sections



Incident Energy (MeV)

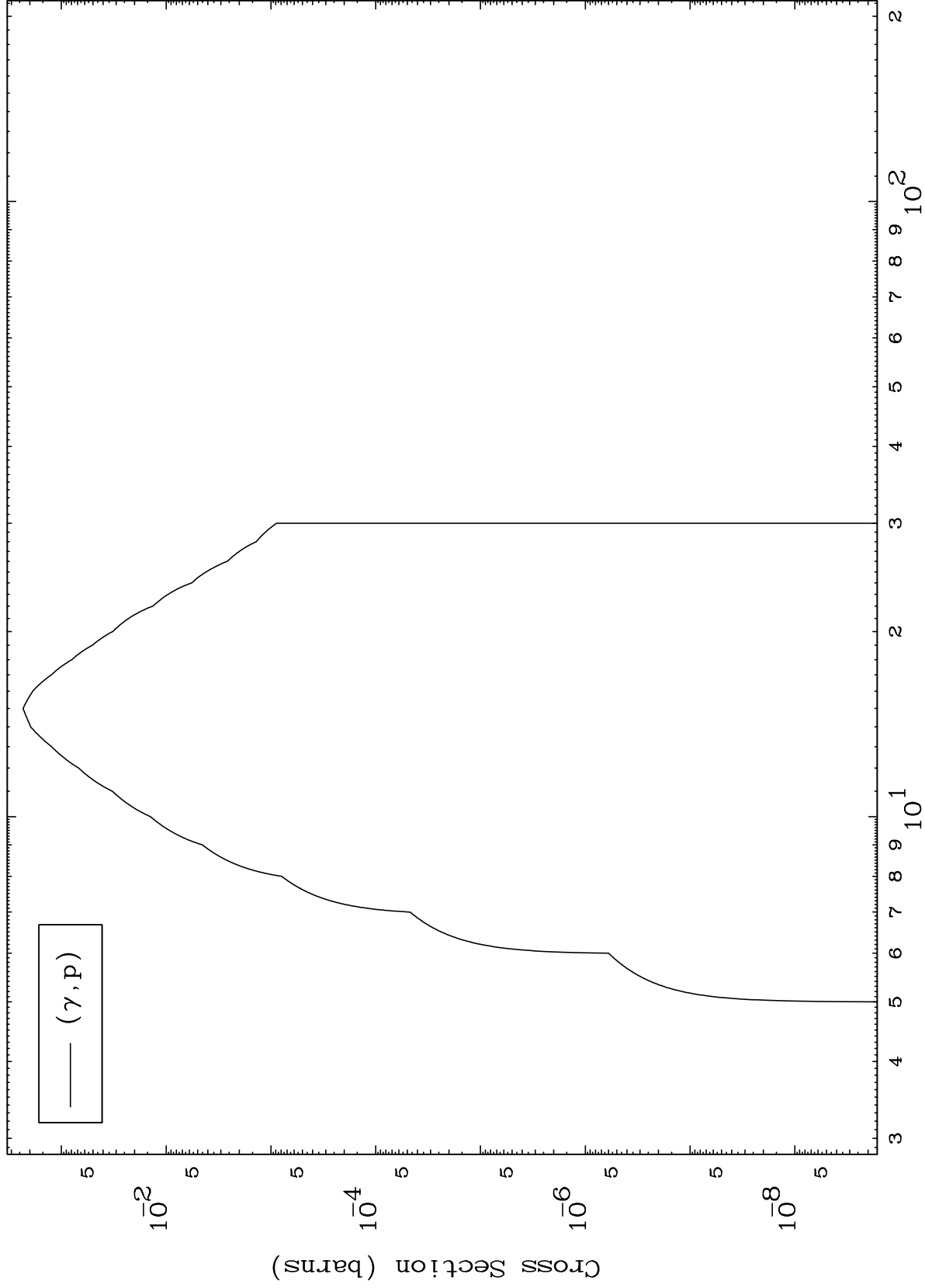
66-Dy-147

MAT 6599

(γ, p) Levels

66-Dy-147

0 Kelvin Cross Sections



Incident Energy (MeV)

66-Dy-147

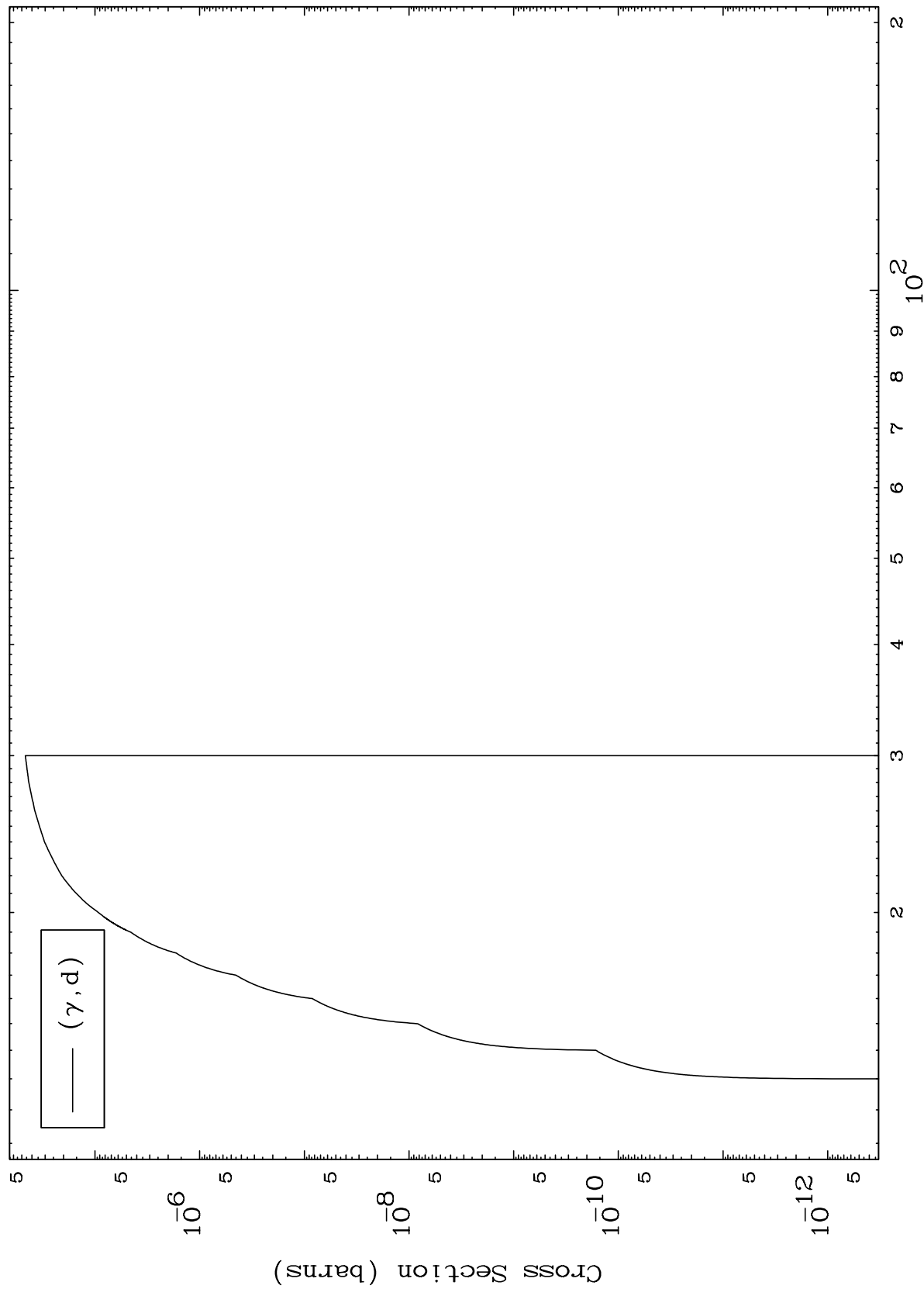
6

MAT 6599

(γ, d) Levels

66-Dy-147

0 Kelvin Cross Sections



7

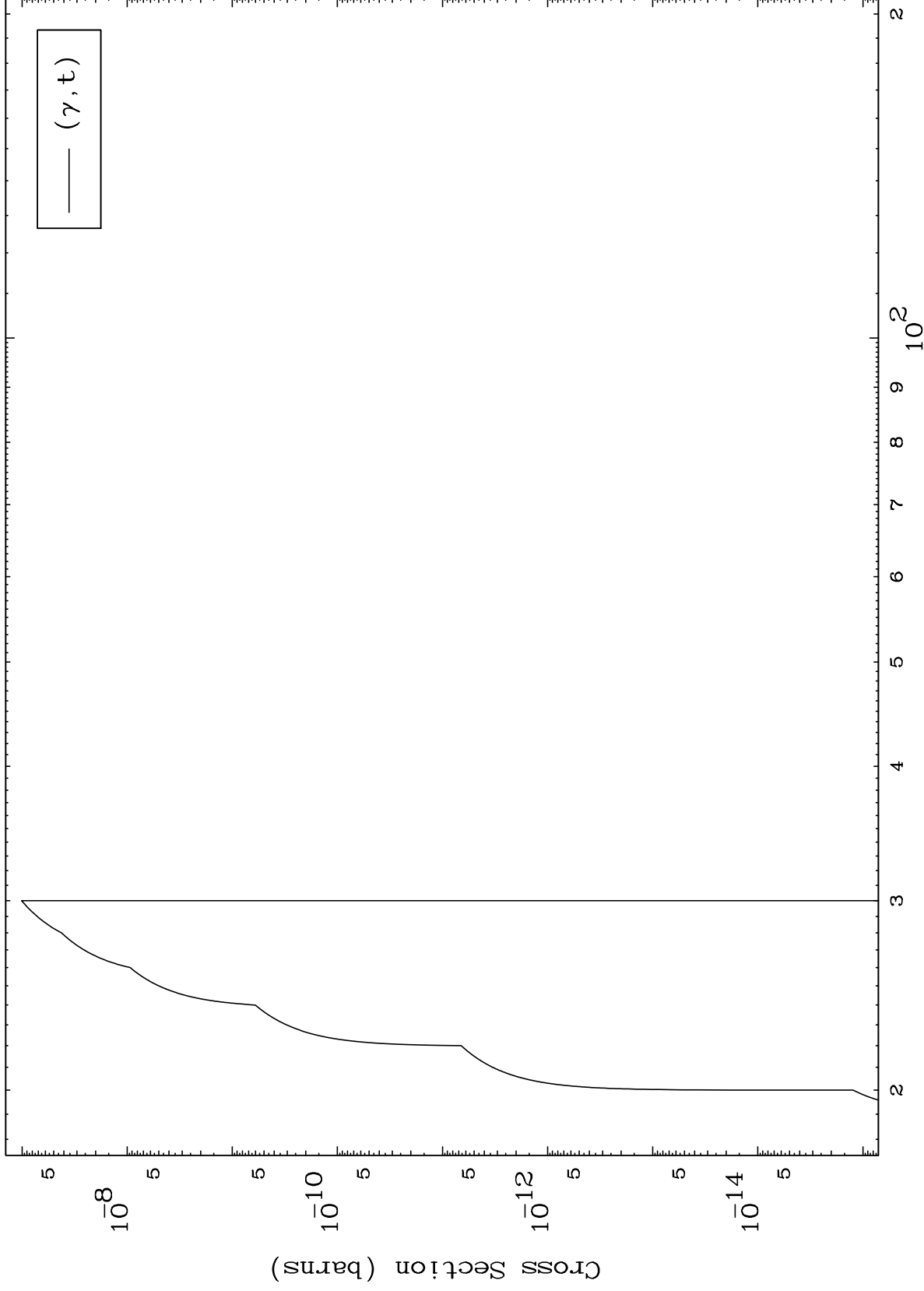
Incident Energy (MeV)

66-Dy-147

MAT 6599

(γ, t) Levels
0 Kelvin Cross Sections

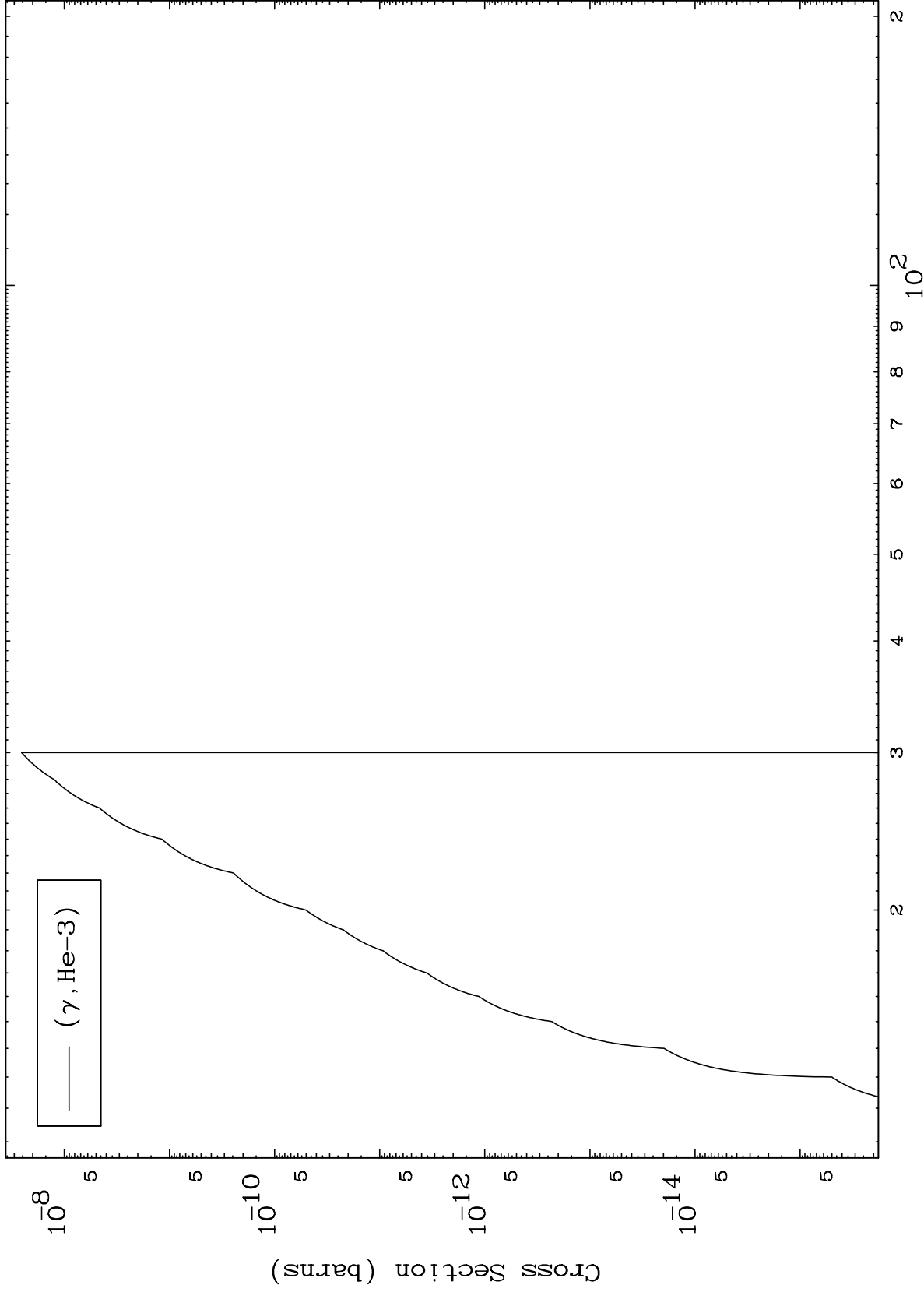
66-Dy-147



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Incident Energy (MeV)

66-Dy-147

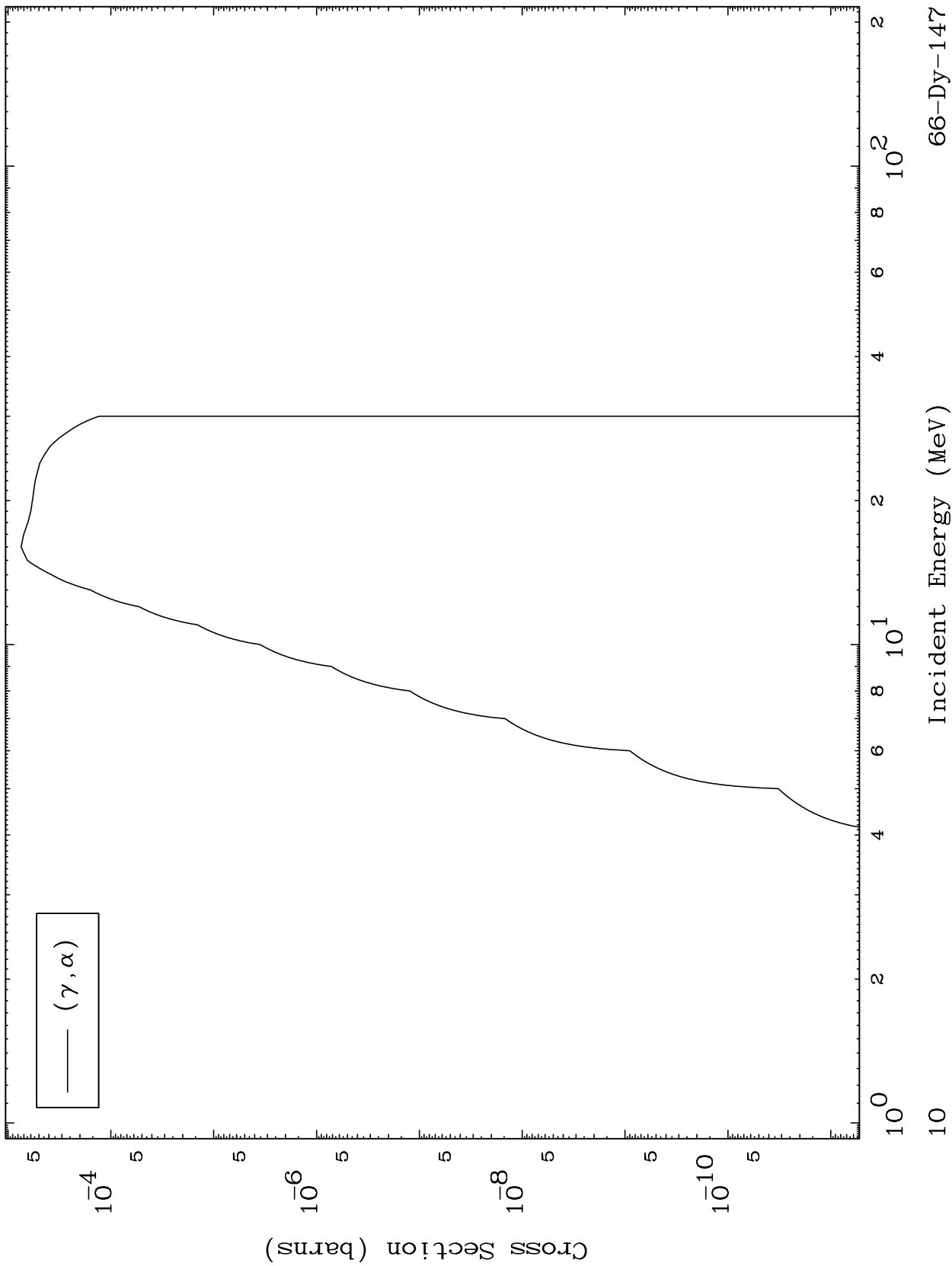


MAT 6599

(γ, α) Levels

66-Dy-147

0 Kelvin Cross Sections



Incident Energy (MeV)

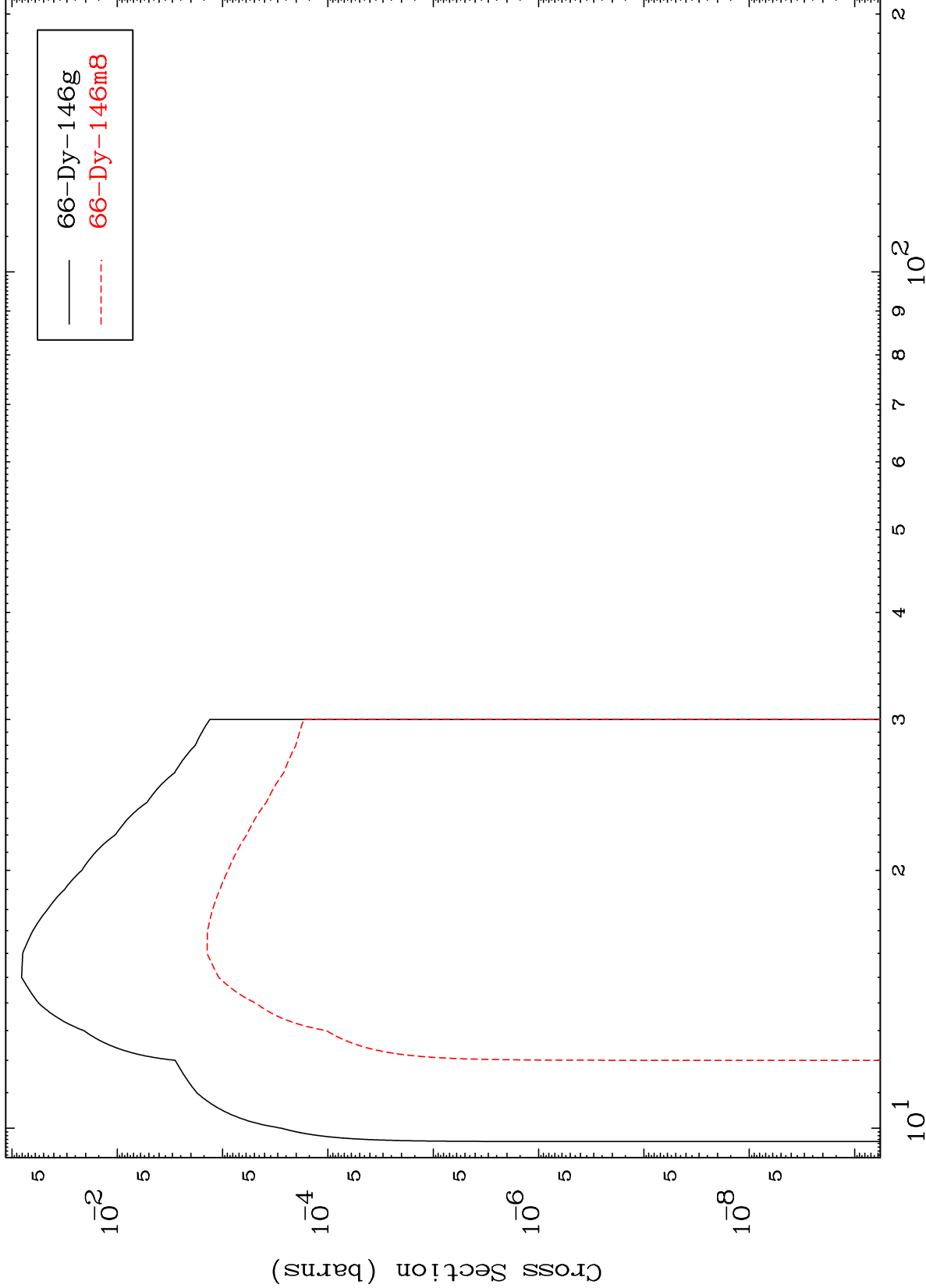
66-Dy-147

MAT 6599

Photon Inelastic

66-Dy-147

Radionuclide Production Cross Section



11

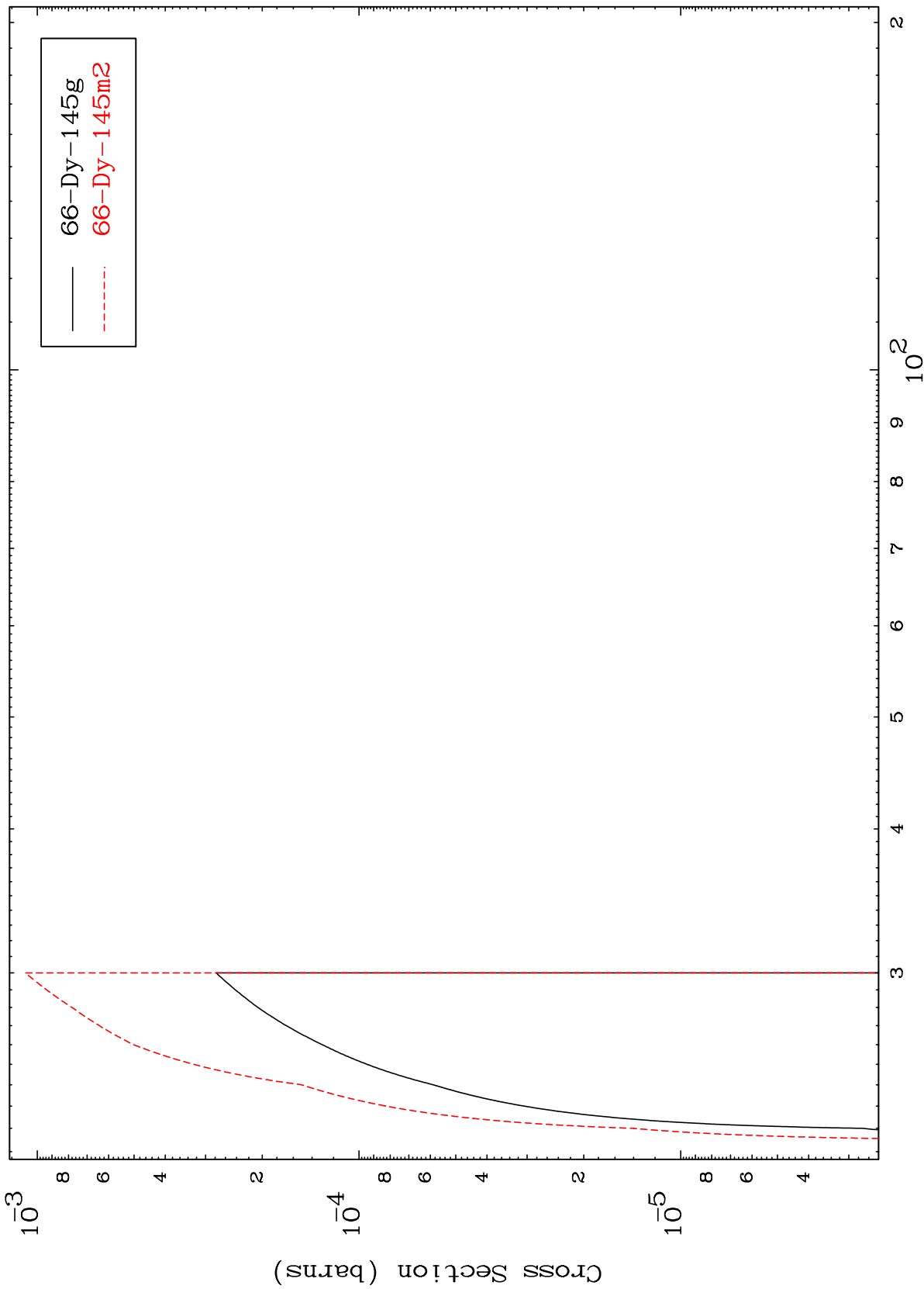
Incident Energy (MeV)

66-Dy-147

MAT 6599

66-Dy-147

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



12

Incident Energy (MeV)

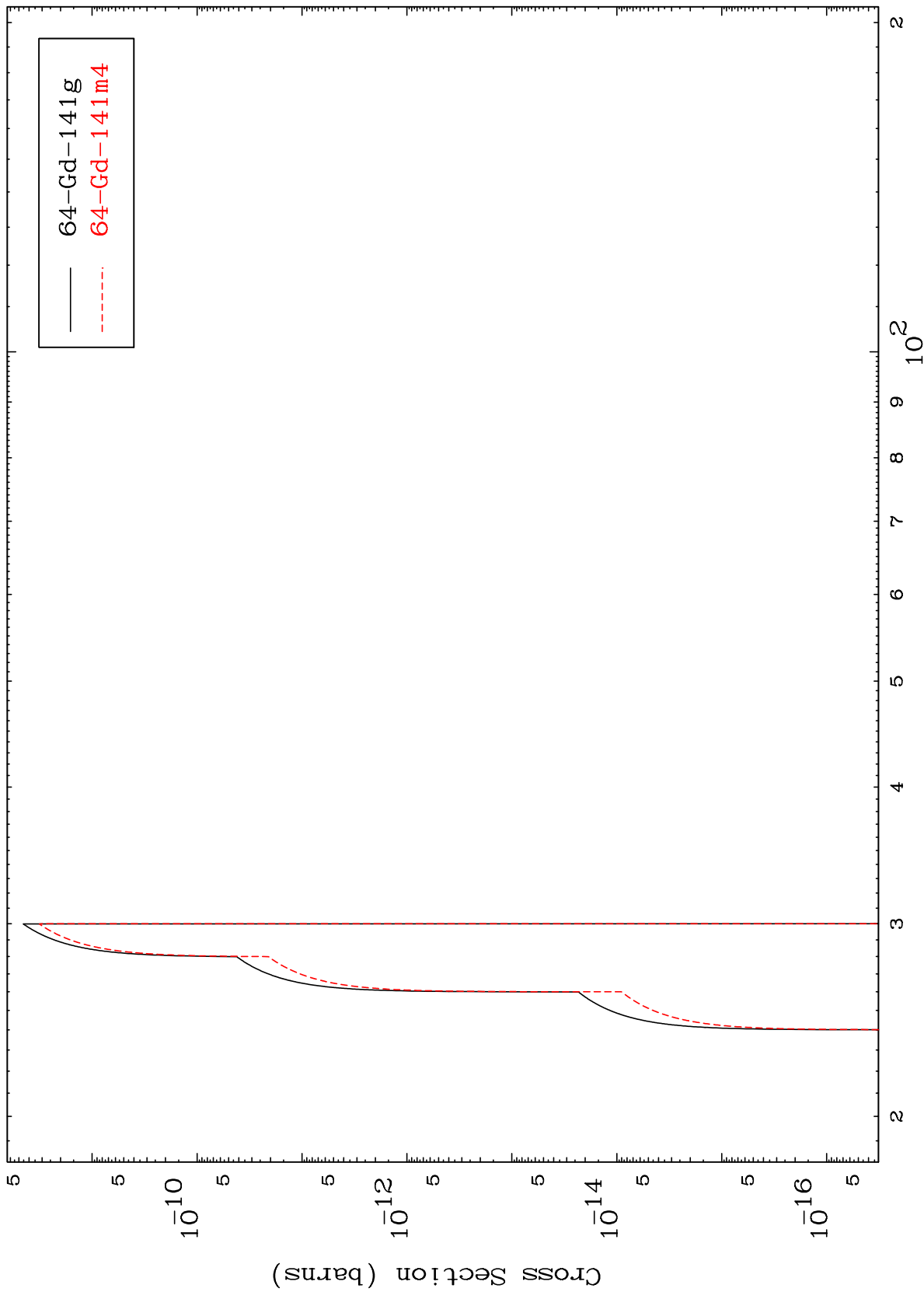
66-Dy-147

MAT 6599

$(\gamma, 2n) \alpha$

66-Dy-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

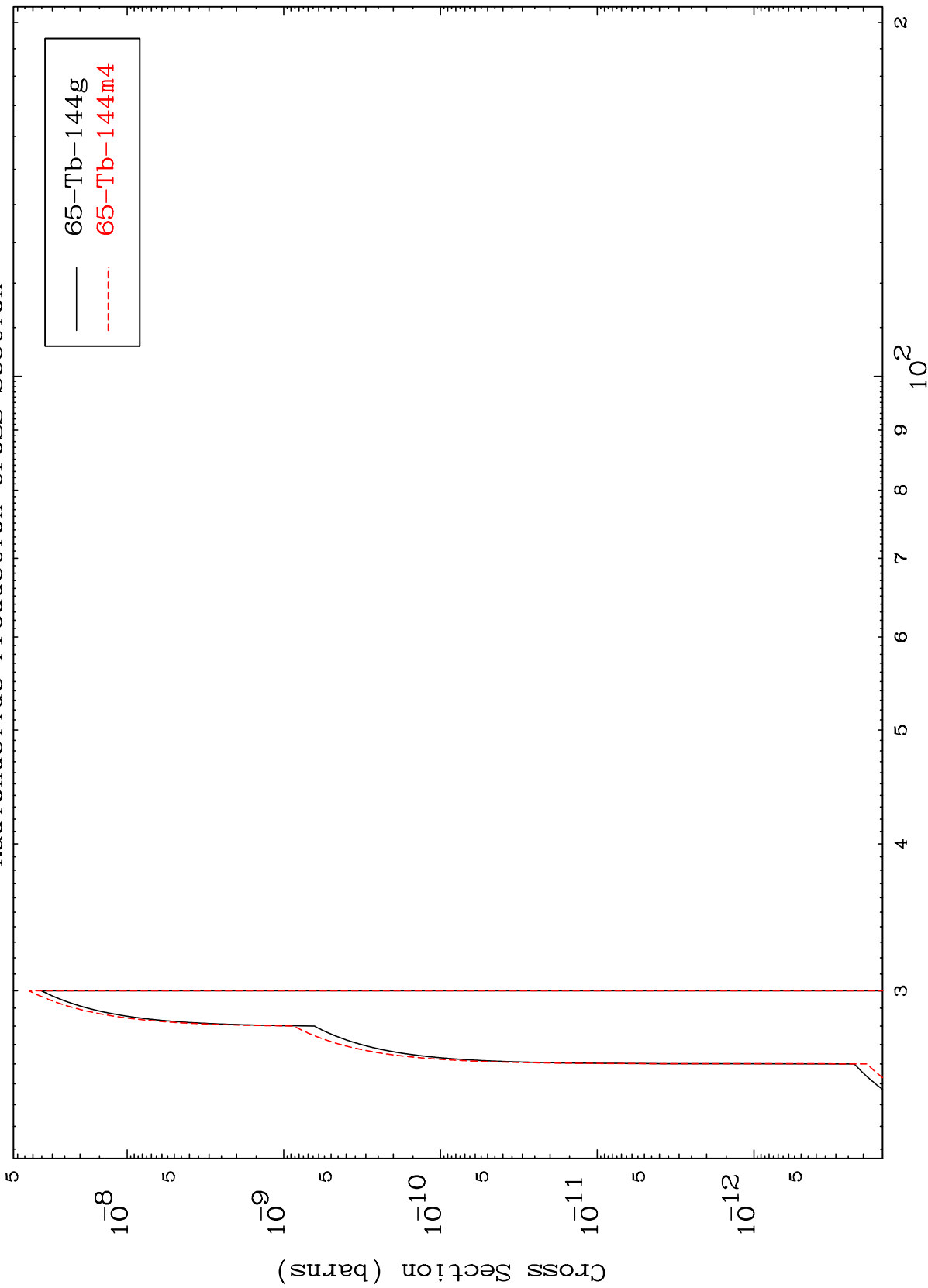
66-Dy-147

MAT 6599

(γ, n') d

66-Dy-147

Radionuclide Production Cross Section



14

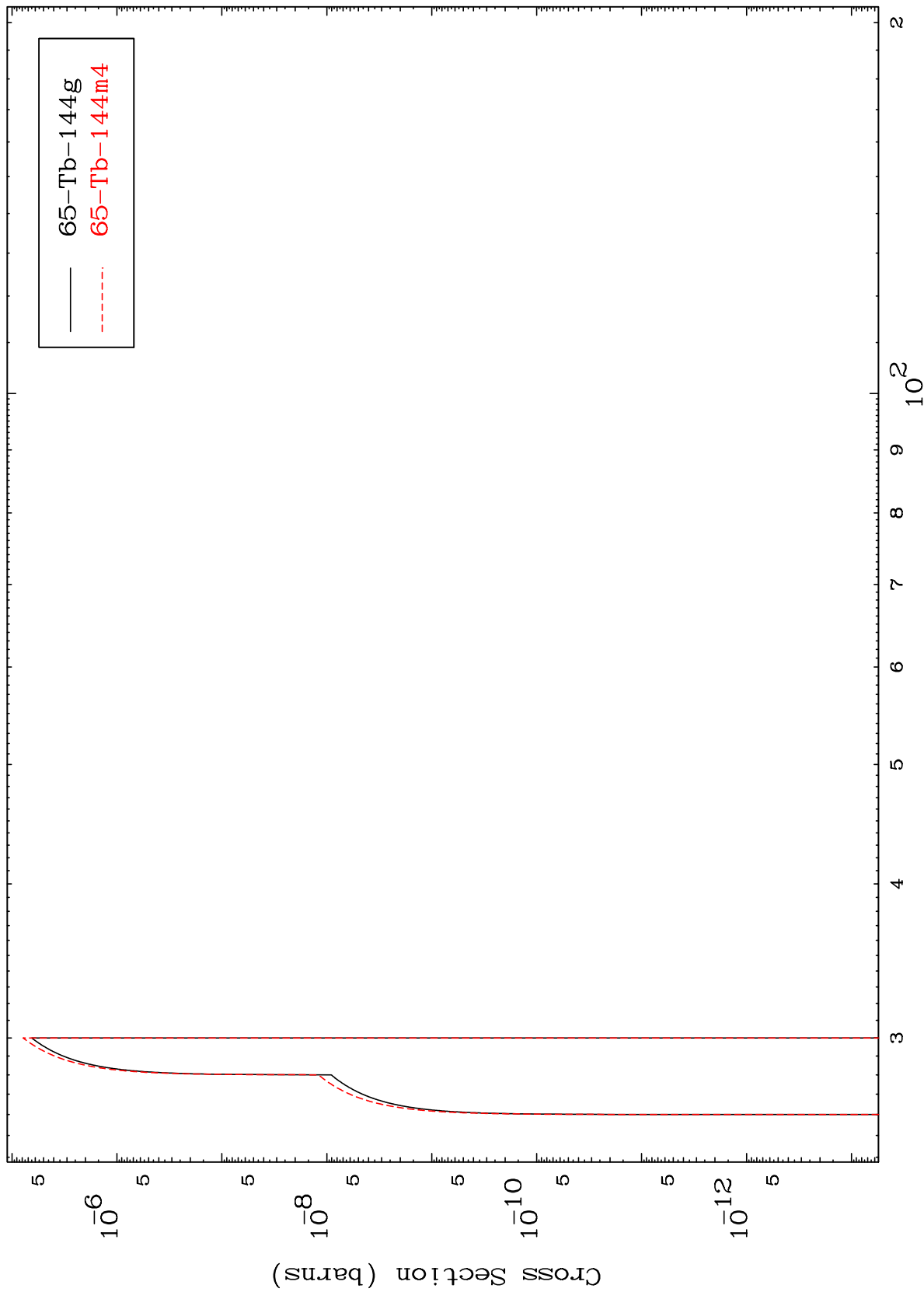
Incident Energy (MeV)

66-Dy-147

MAT 6599

66-Dy-147

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



15

66-Dy-147

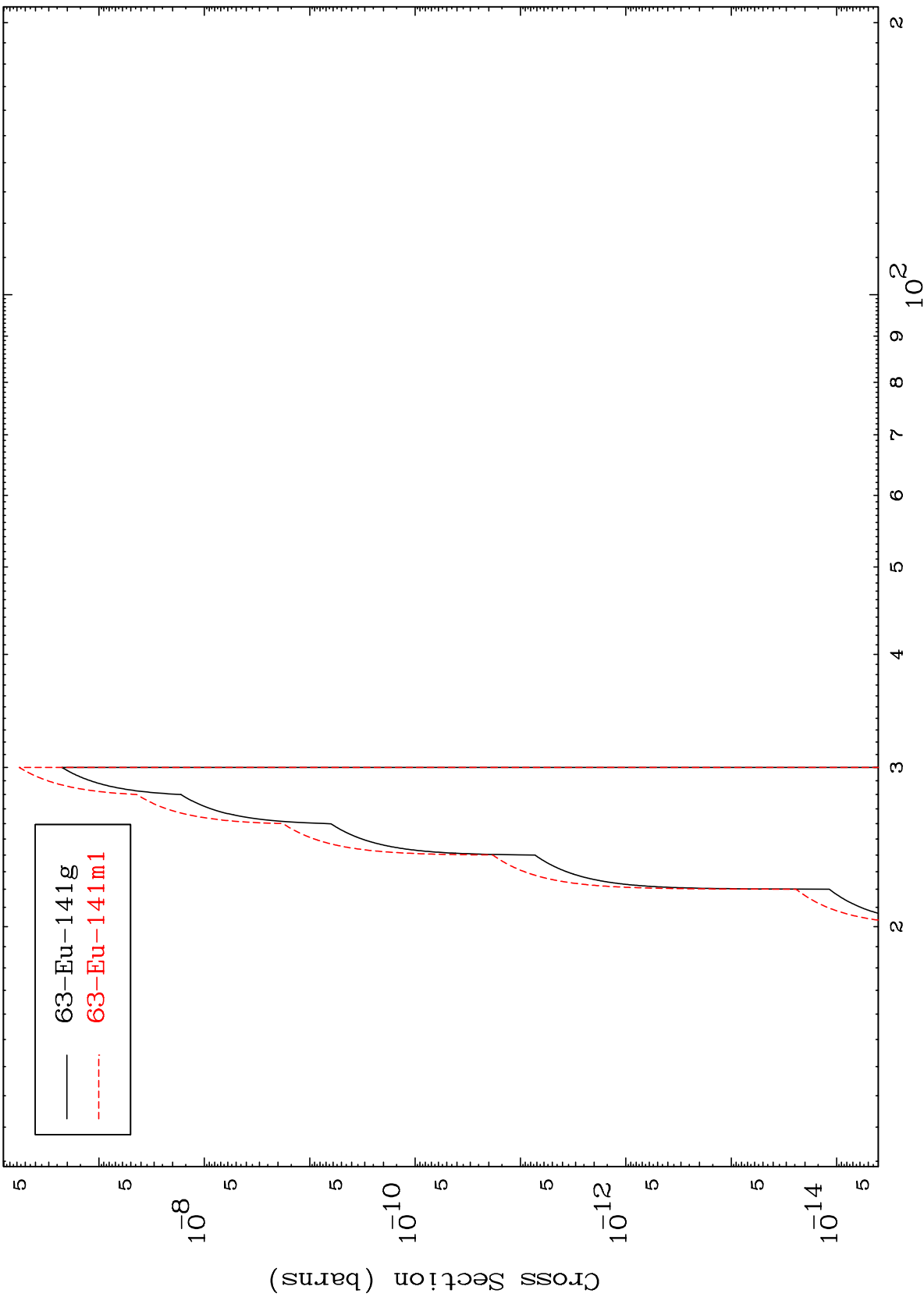
Incident Energy (MeV)

MAT 6599

(γ, n') p α

66-Dy-147

Radionuclide Production Cross Section



16

Incident Energy (MeV)

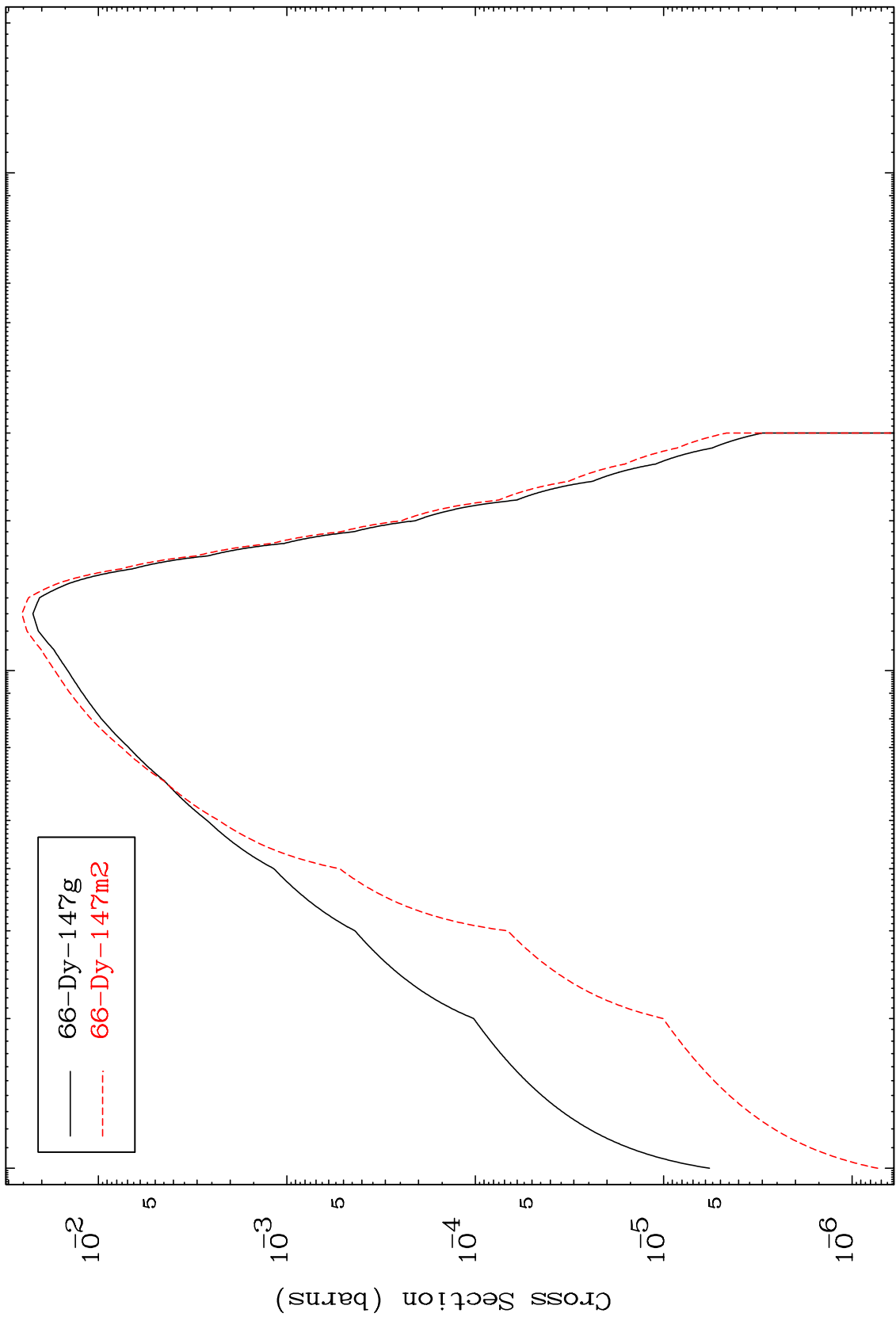
66-Dy-147

MAT 6599

66-Dy-147

Radionuclide Production Cross Section

(γ, γ)



66-Dy-147g
66-Dy-147m2

66-Dy-147

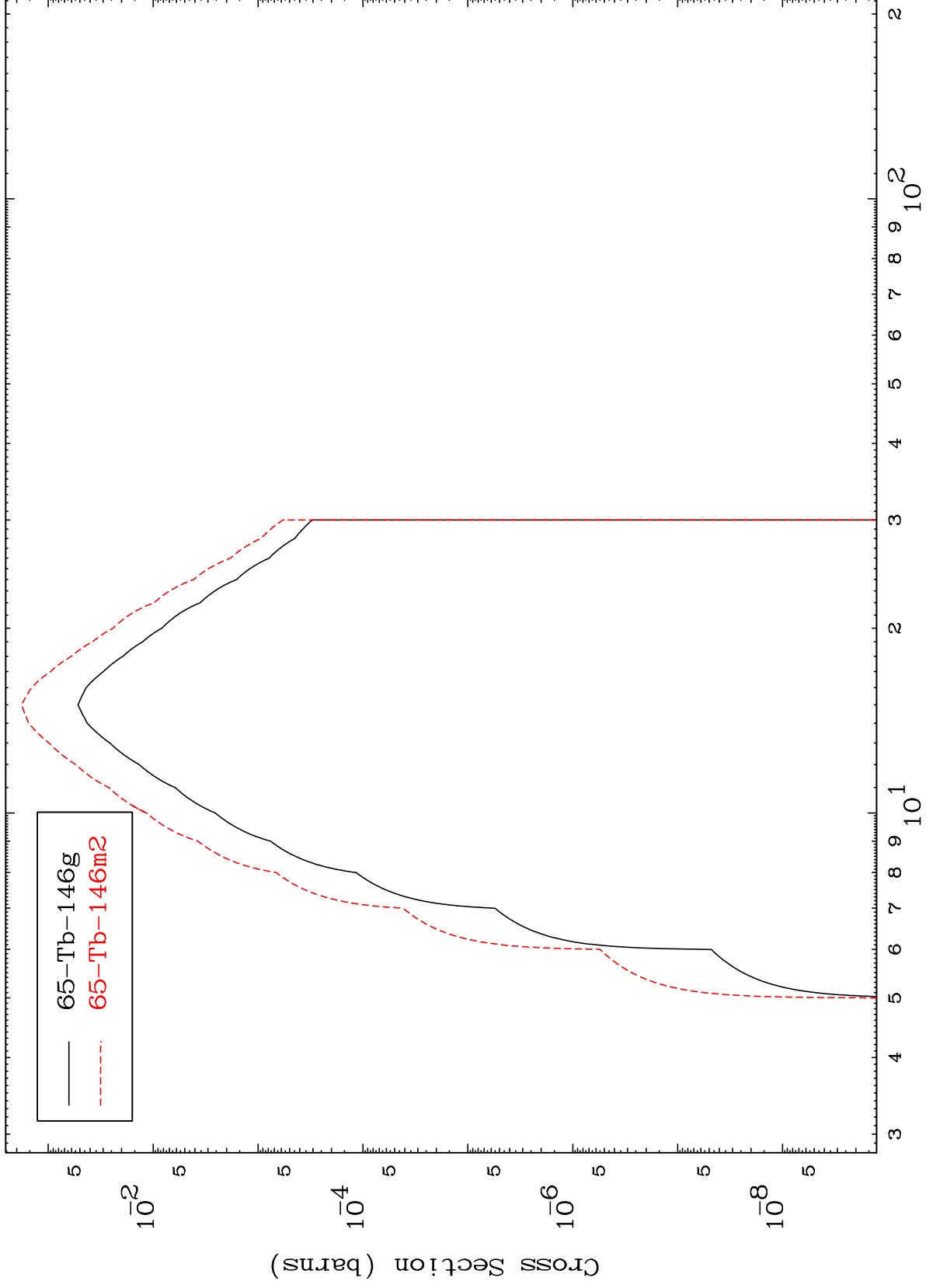
Incident Energy (MeV)

66-Dy-147

MAT 6599

66-Dy-147

Radionuclide Production Cross Section
(γ, p)

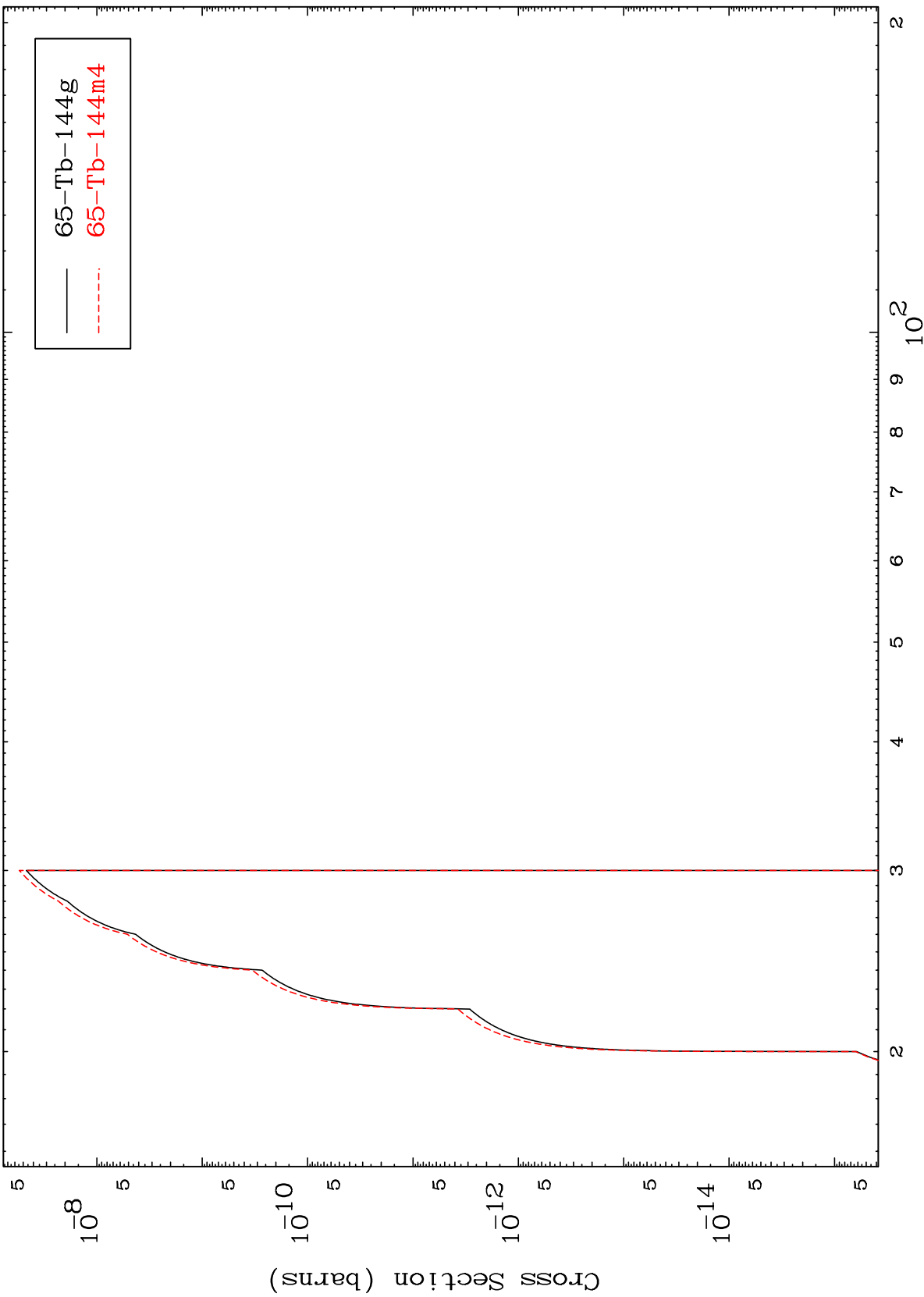


18

Incident Energy (MeV)

66-Dy-147

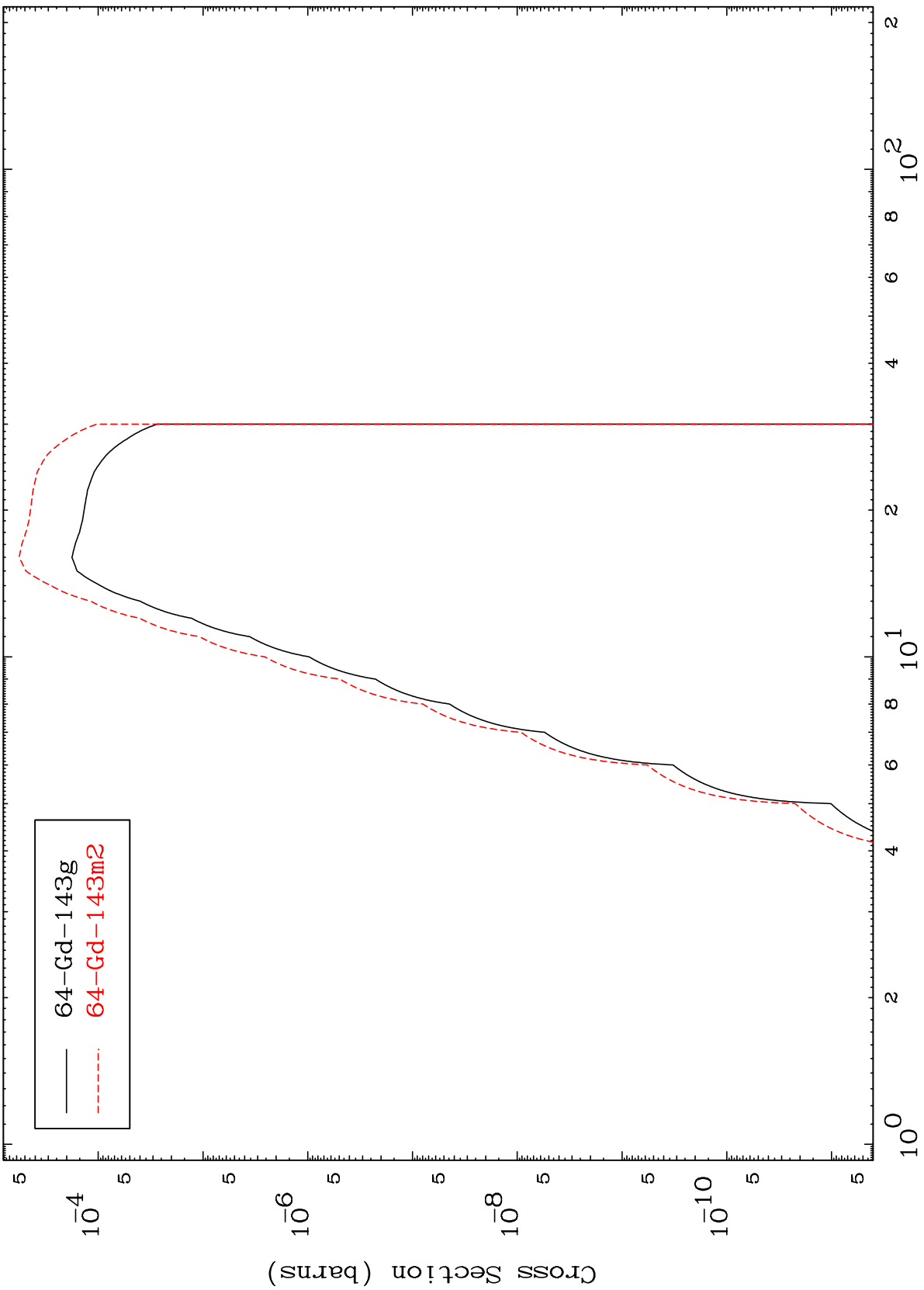
(γ, t)
Radionuclide Production Cross Section



MAT 6599

66-Dy-147

Radionuclide Production Cross Section
(γ, α)



64-Gd-143g
64-Gd-143m2

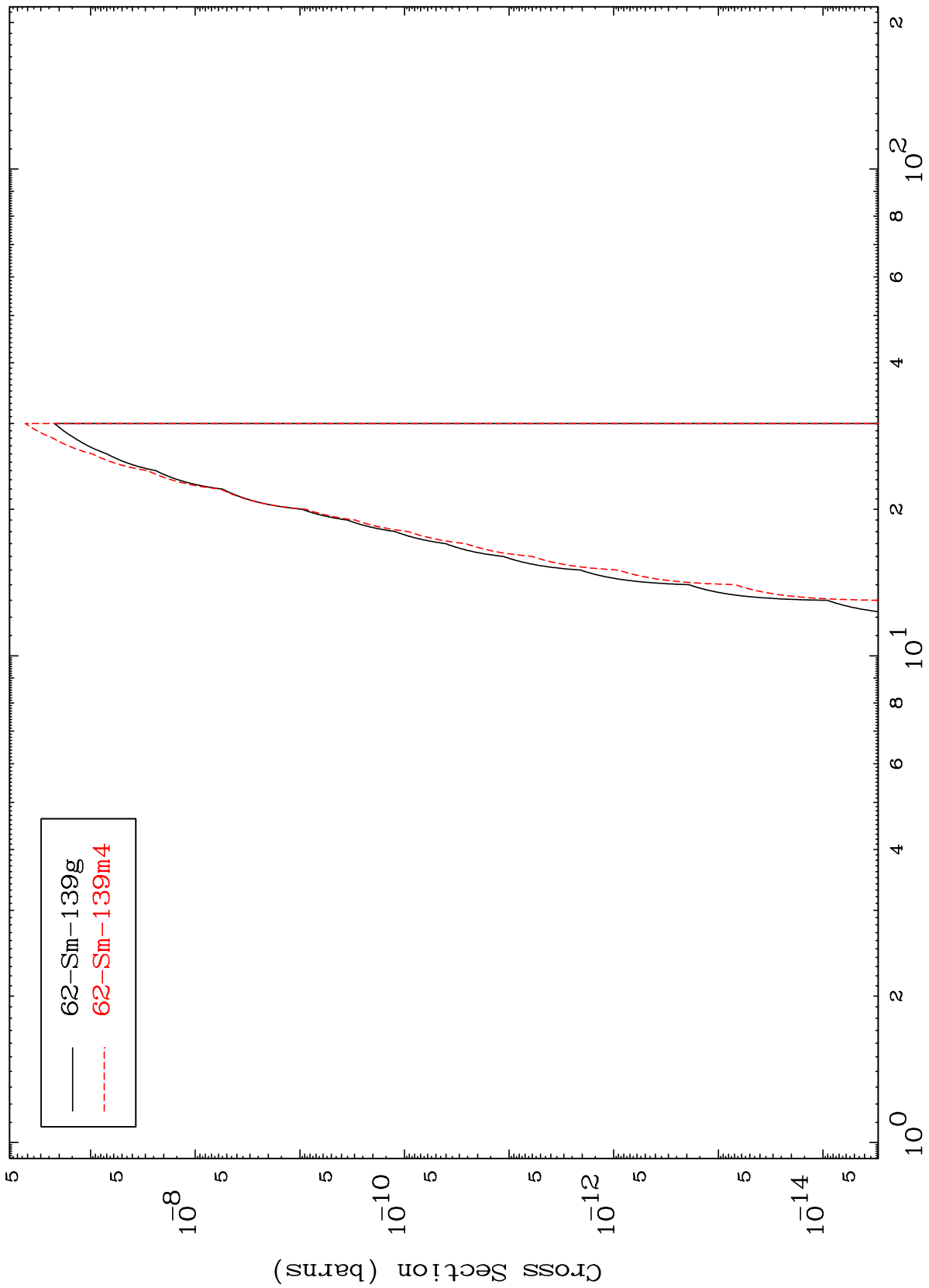
Incident Energy (MeV)

66-Dy-147

MAT 6599

66-Dy-147

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



21

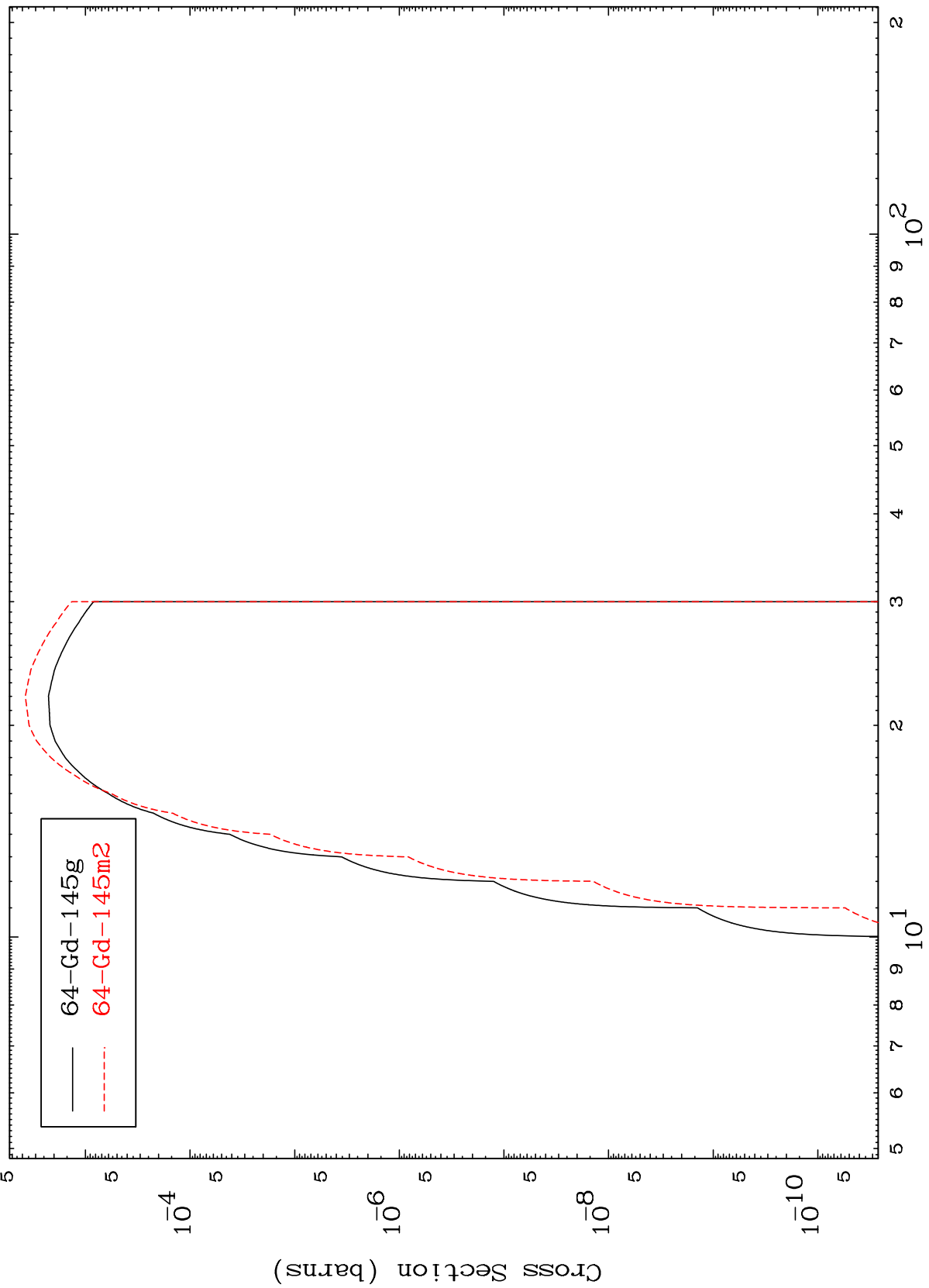
Incident Energy (MeV)

66-Dy-147

MAT 6599

66-Dy-147

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



Incident Energy (MeV)

66-Dy-147

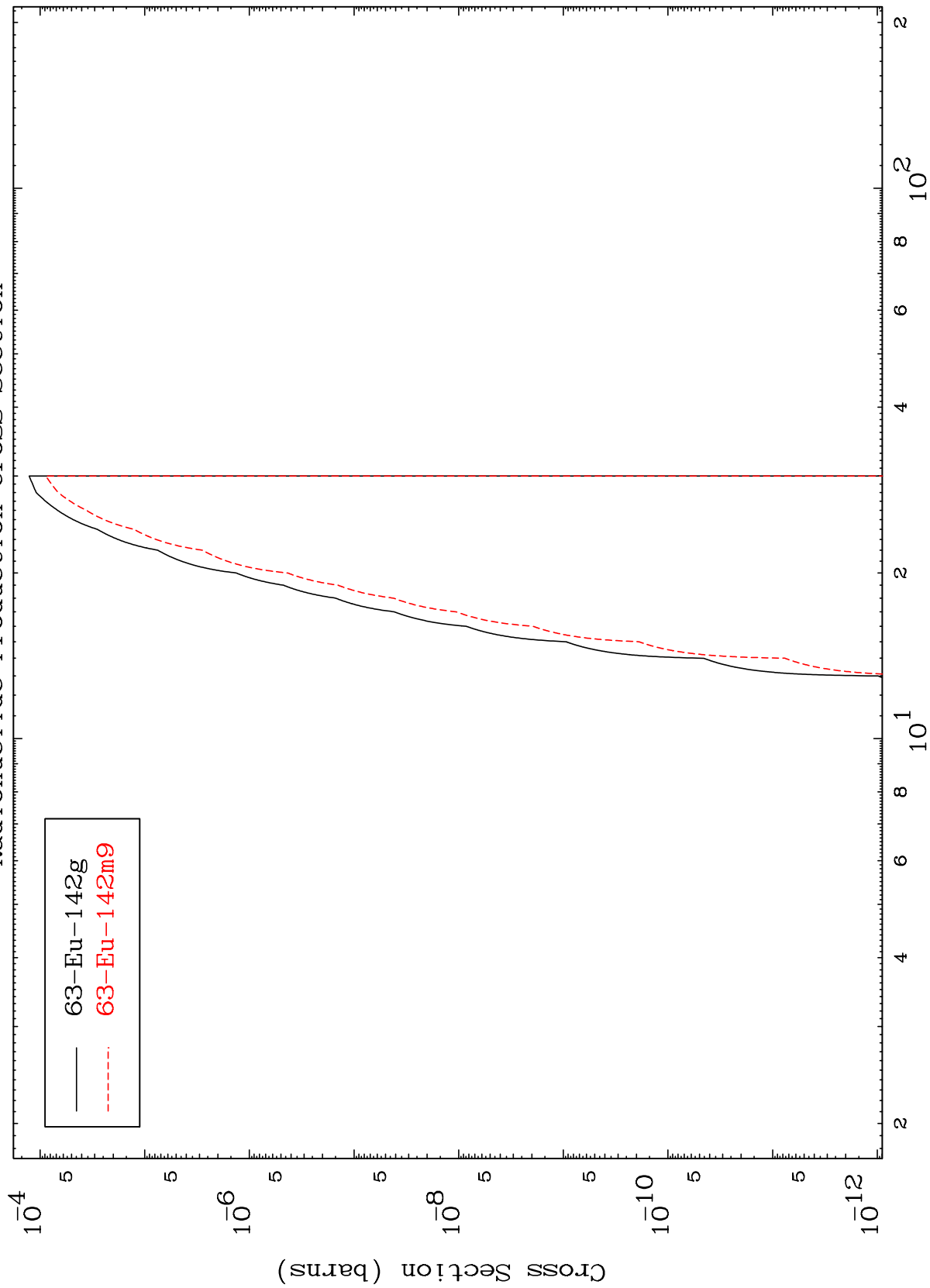
22

MAT 6599

(γ, p) α

66-Dy-147

Radionuclide Production Cross Section



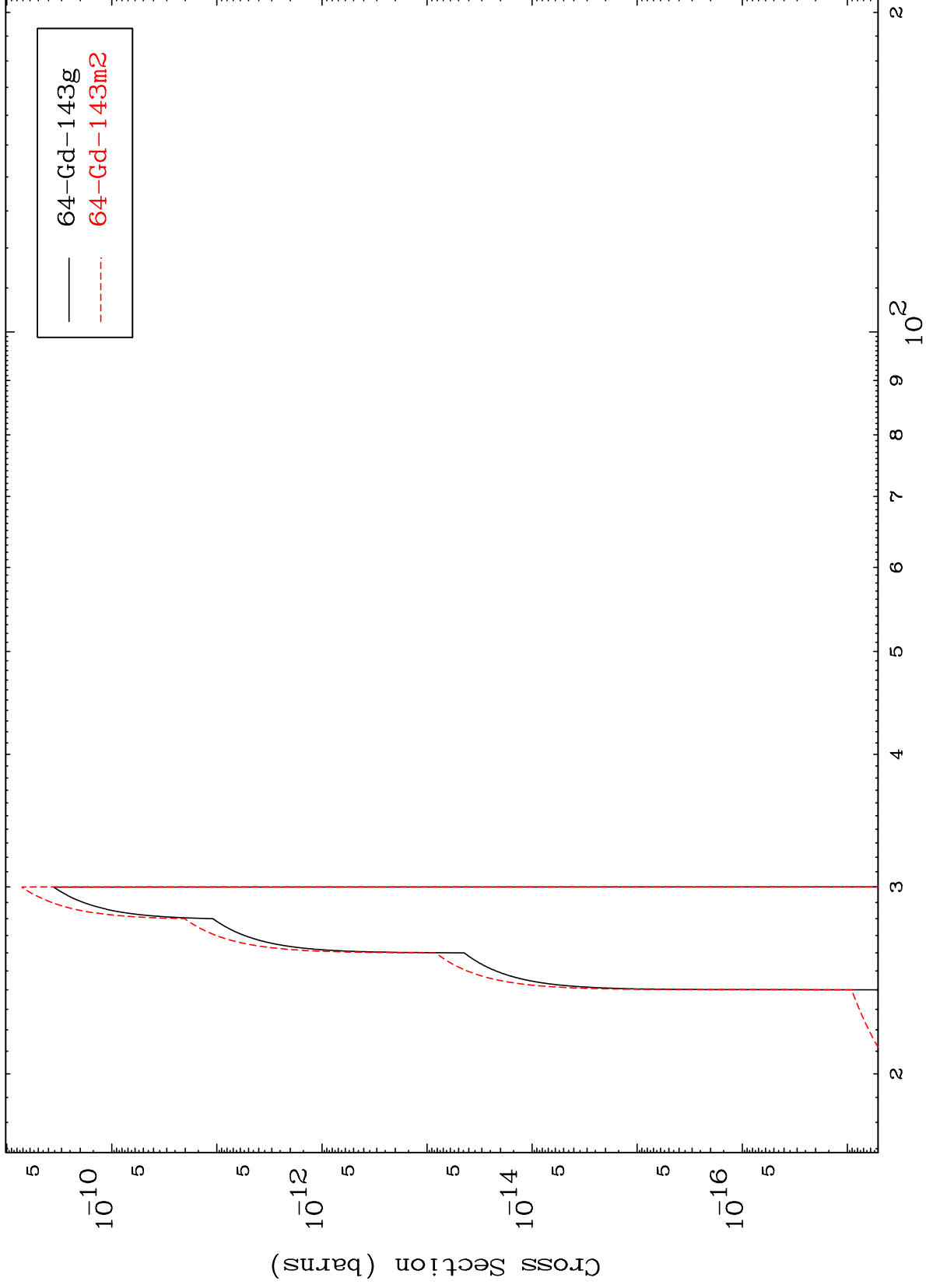
63-Eu-142g
63-Eu-142m9

MAT 6599

(γ, p) t

66-Dy-147

Radionuclide Production Cross Section



24

Incident Energy (MeV)

66-Dy-147