

Program EVALPLOT
(Version 2021-1)

by

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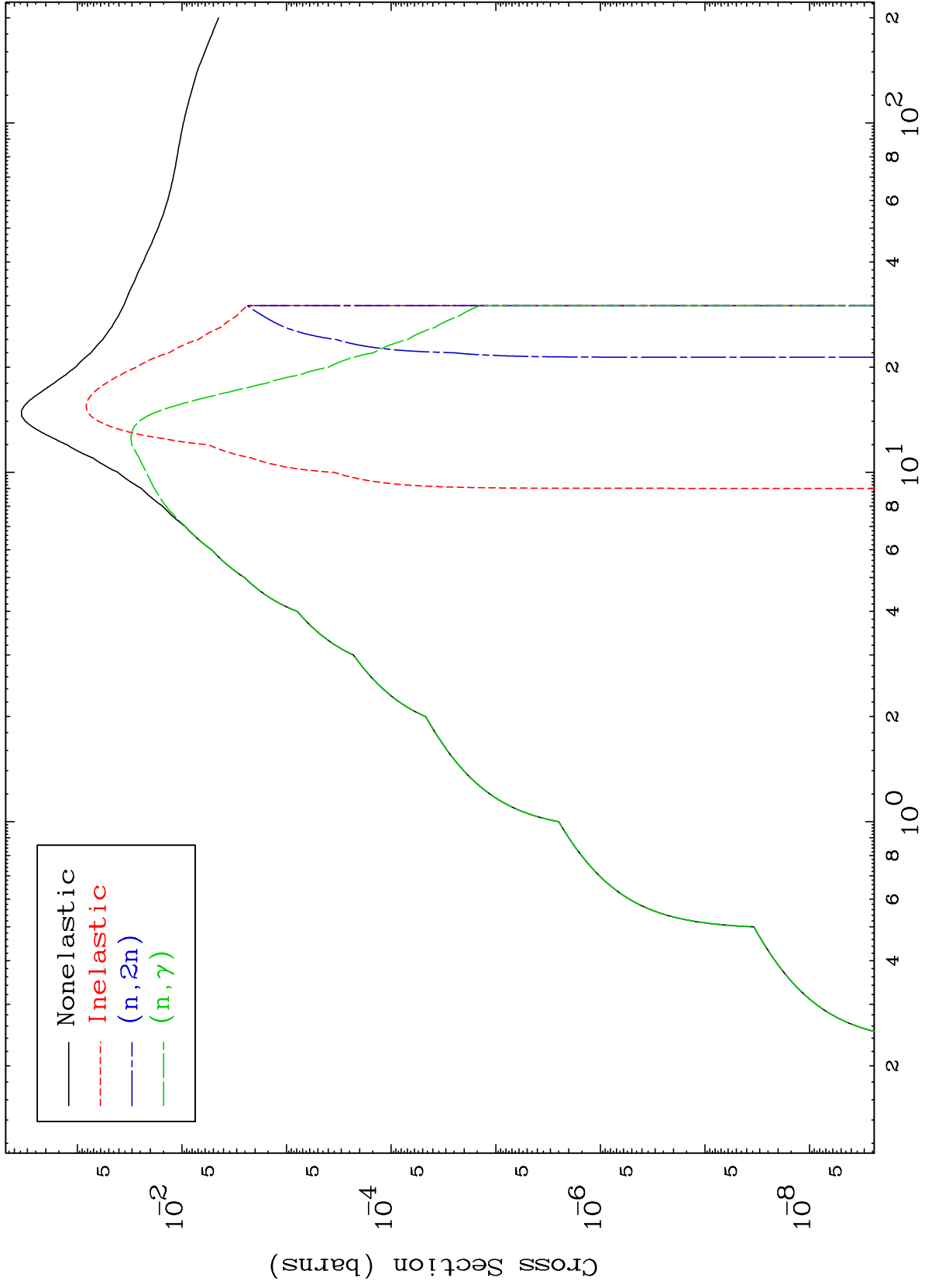
Press Mouse Button to Start

MAT 6599

Photon Major

66-Dy-147m

0 Kelvin Cross Sections

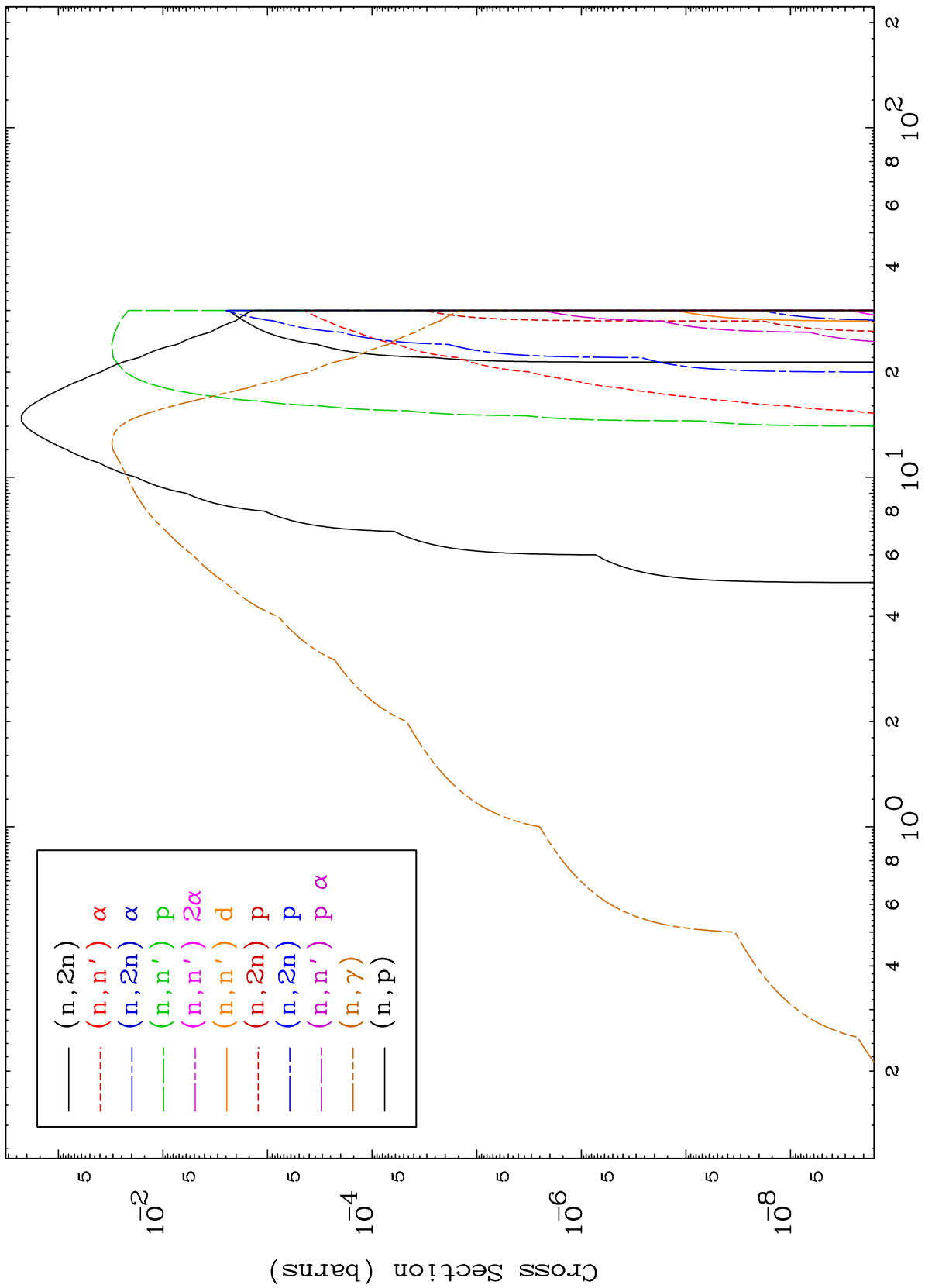


Legend:
— Nonelastic
- - - Inelastic
- · - (n, 2n)
- - - (n, γ)

MAT 6599

Photon Neutron Absorption
0 Kelvin Cross Sections

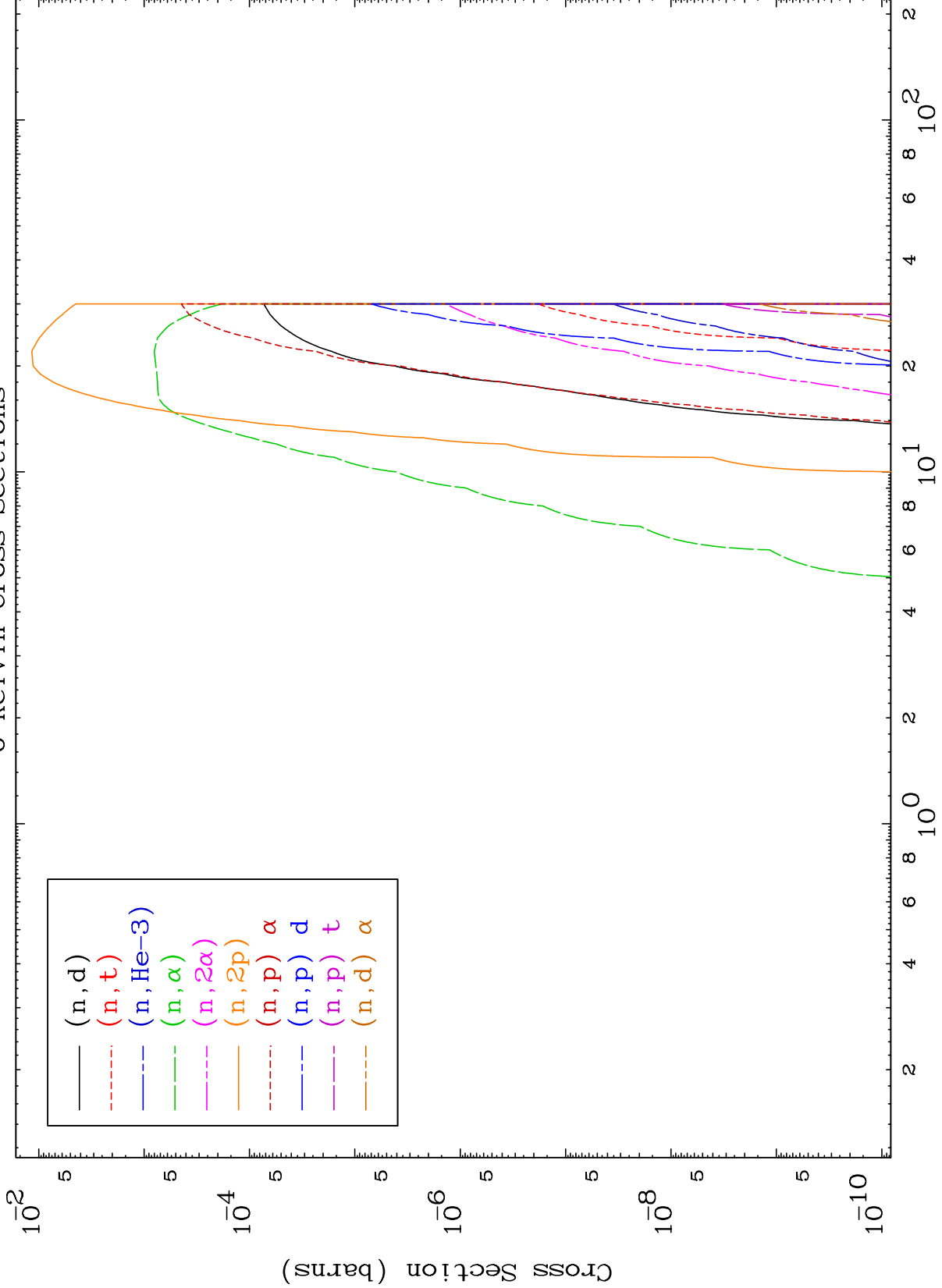
66-Dy-147m



MAT 6599

Photon Neutron Absorption
0 Kelvin Cross Sections

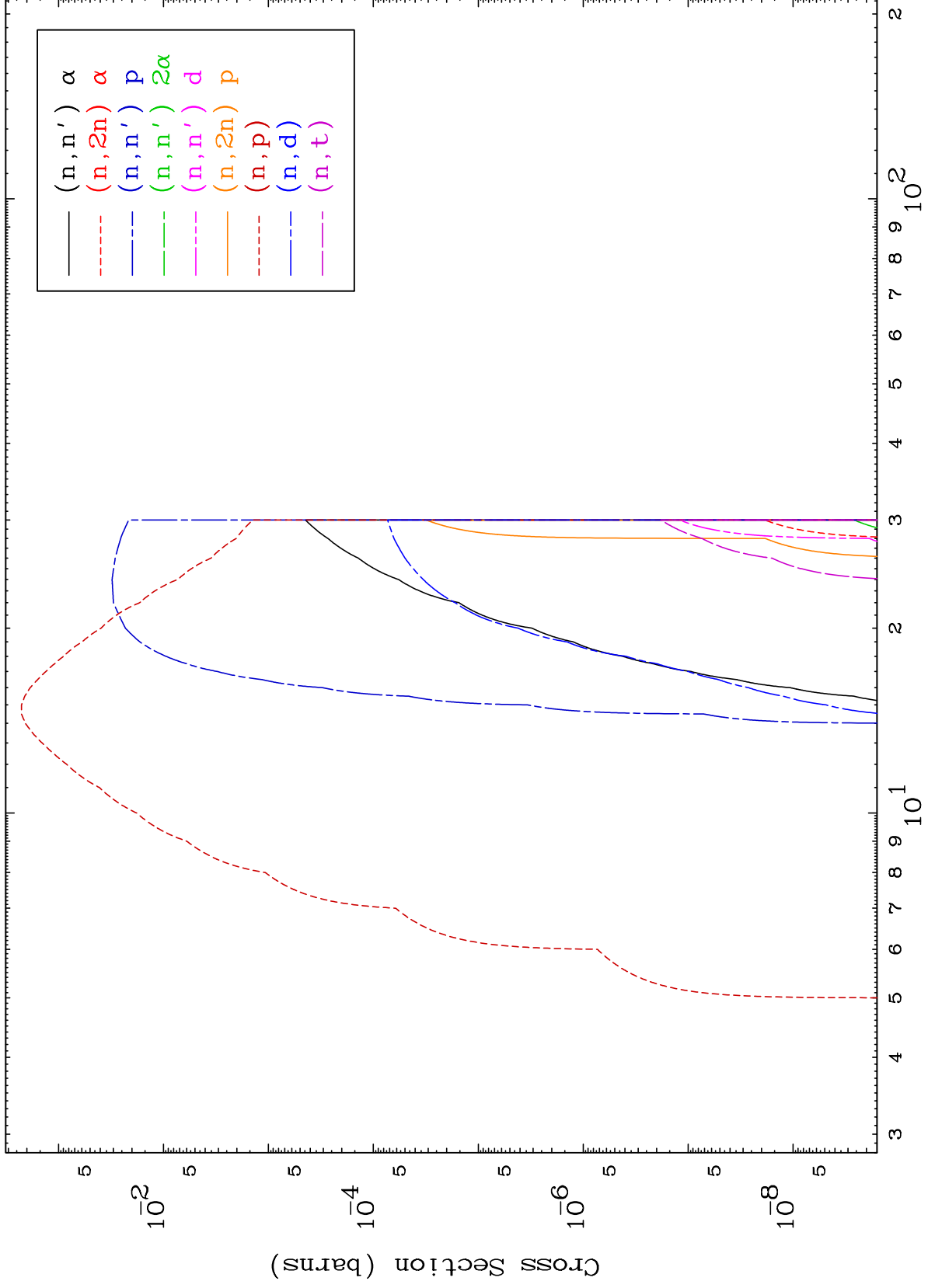
66-Dy-147m



MAT 6599

Photon Charged Particle
0 Kelvin Cross Sections

66-Dy-147m



66-Dy-147m

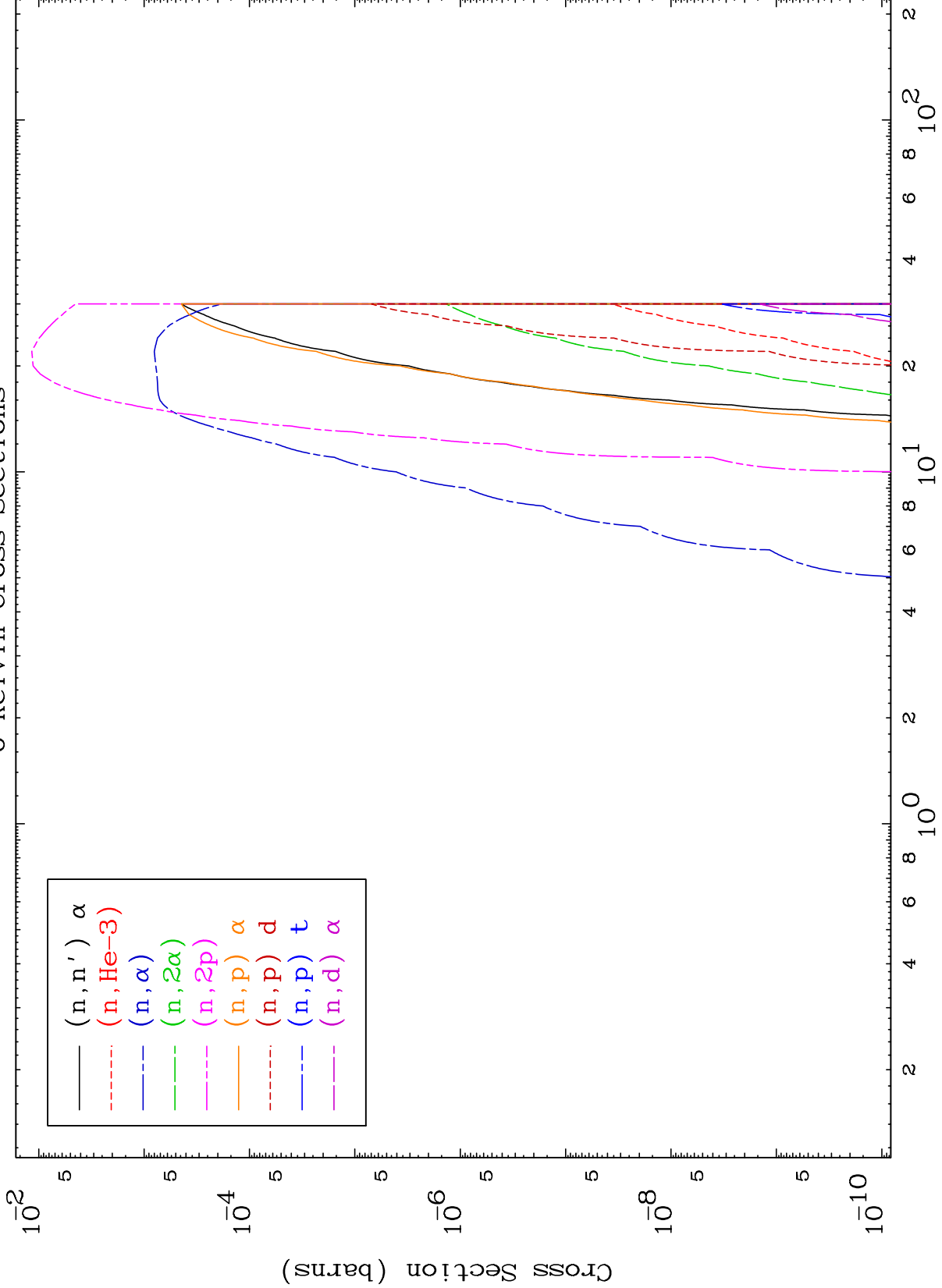
Incident Energy (MeV)

4

MAT 6599

Photon Charged Particle
0 Kelvin Cross Sections

66-Dy-147m

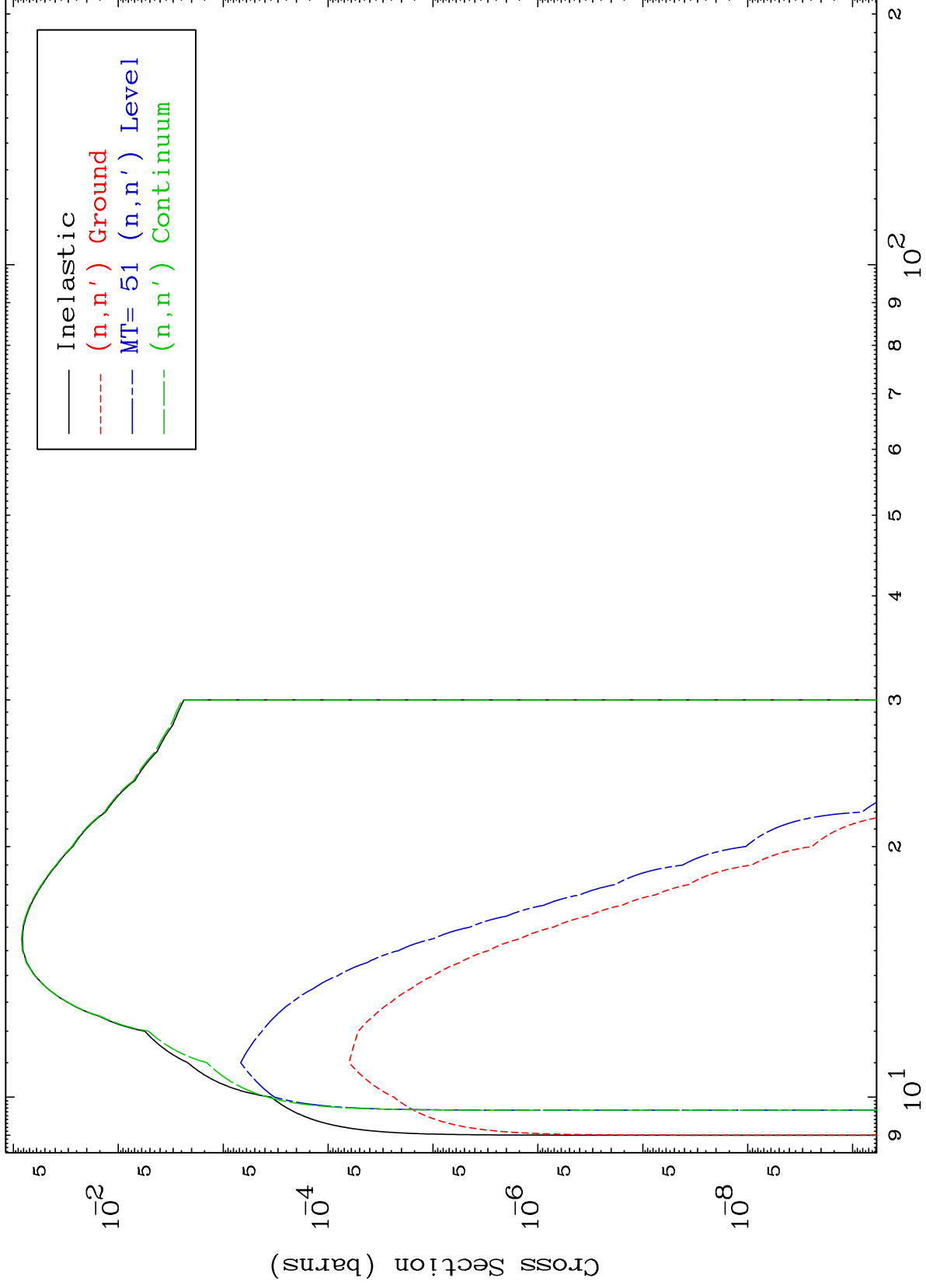


MAT 6599

(γ, n') Levels

66-Dy-147m

0 Kelvin Cross Sections



Incident Energy (MeV)

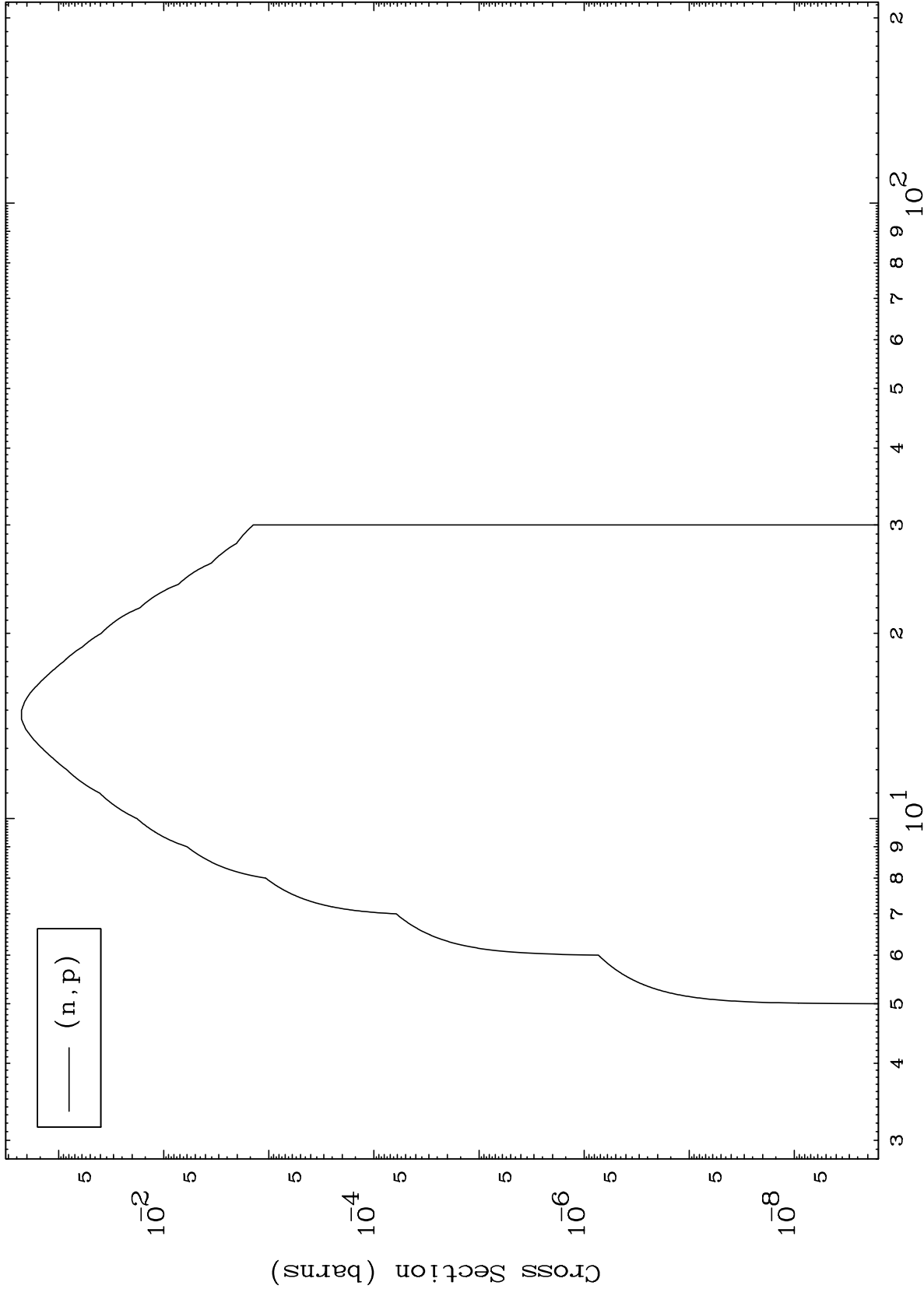
66-Dy-147m

MAT 6599

(γ, p) Levels

66-Dy-147m

0 Kelvin Cross Sections



7

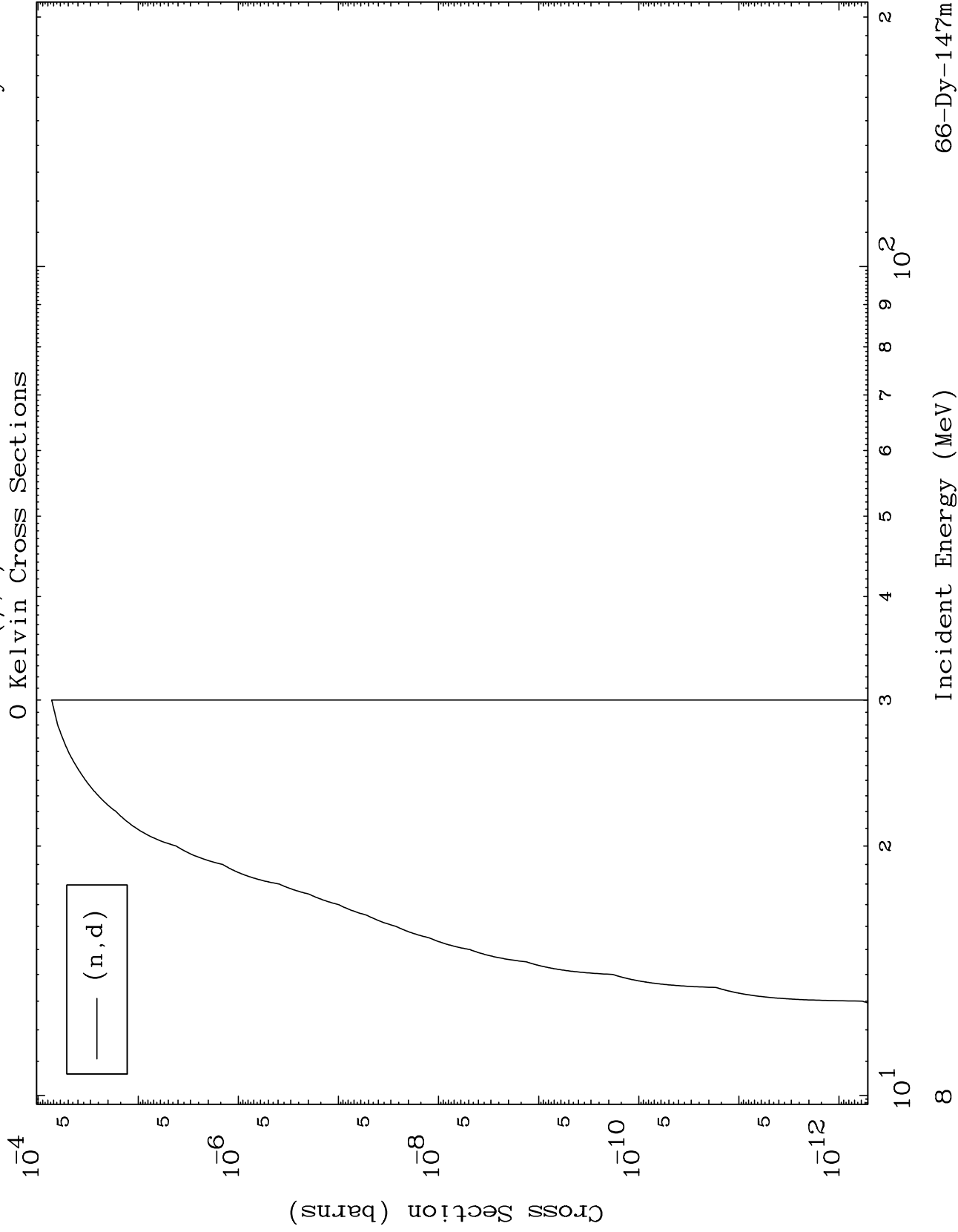
Incident Energy (MeV)

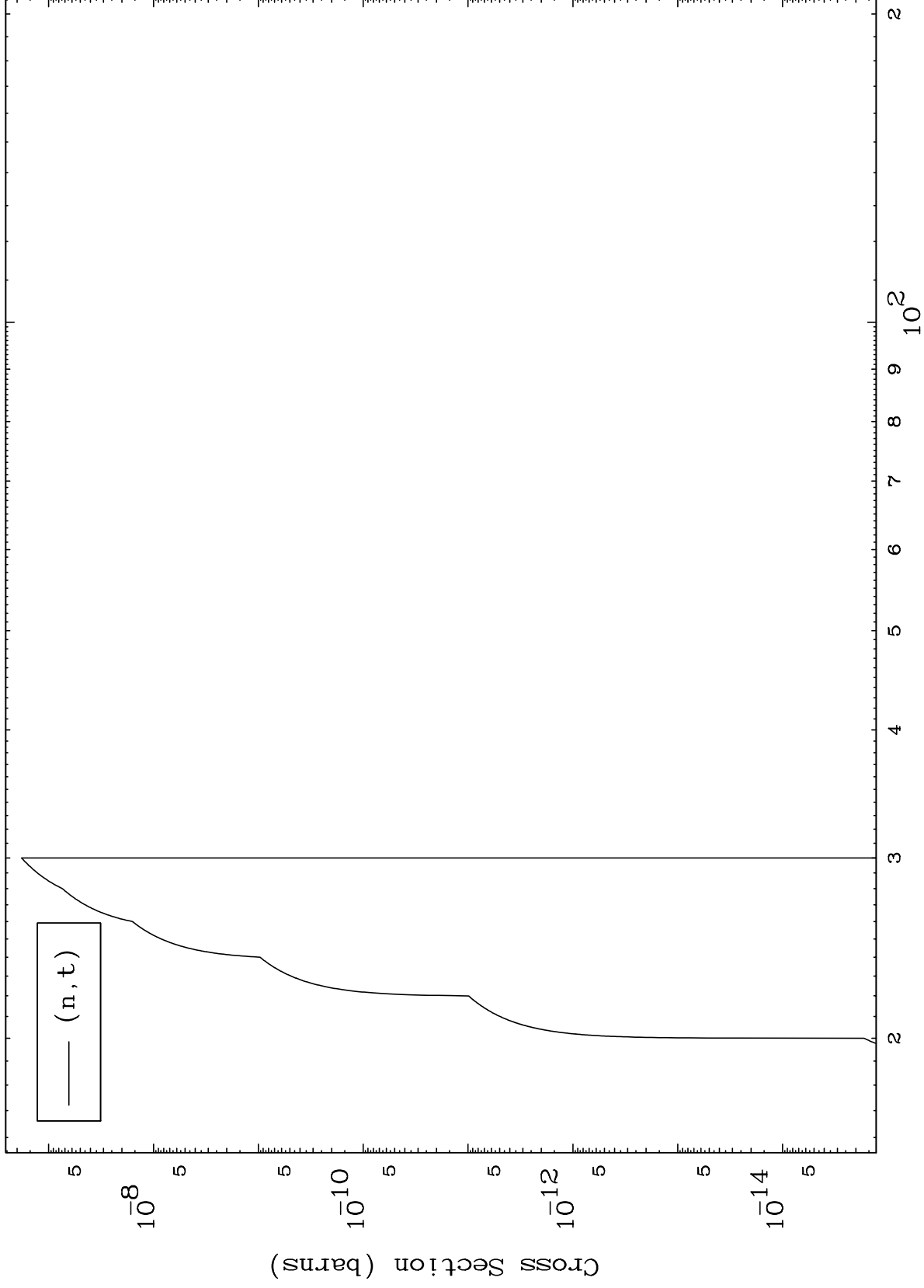
66-Dy-147m

MAT 6599

(γ, d) Levels

66-Dy-147m

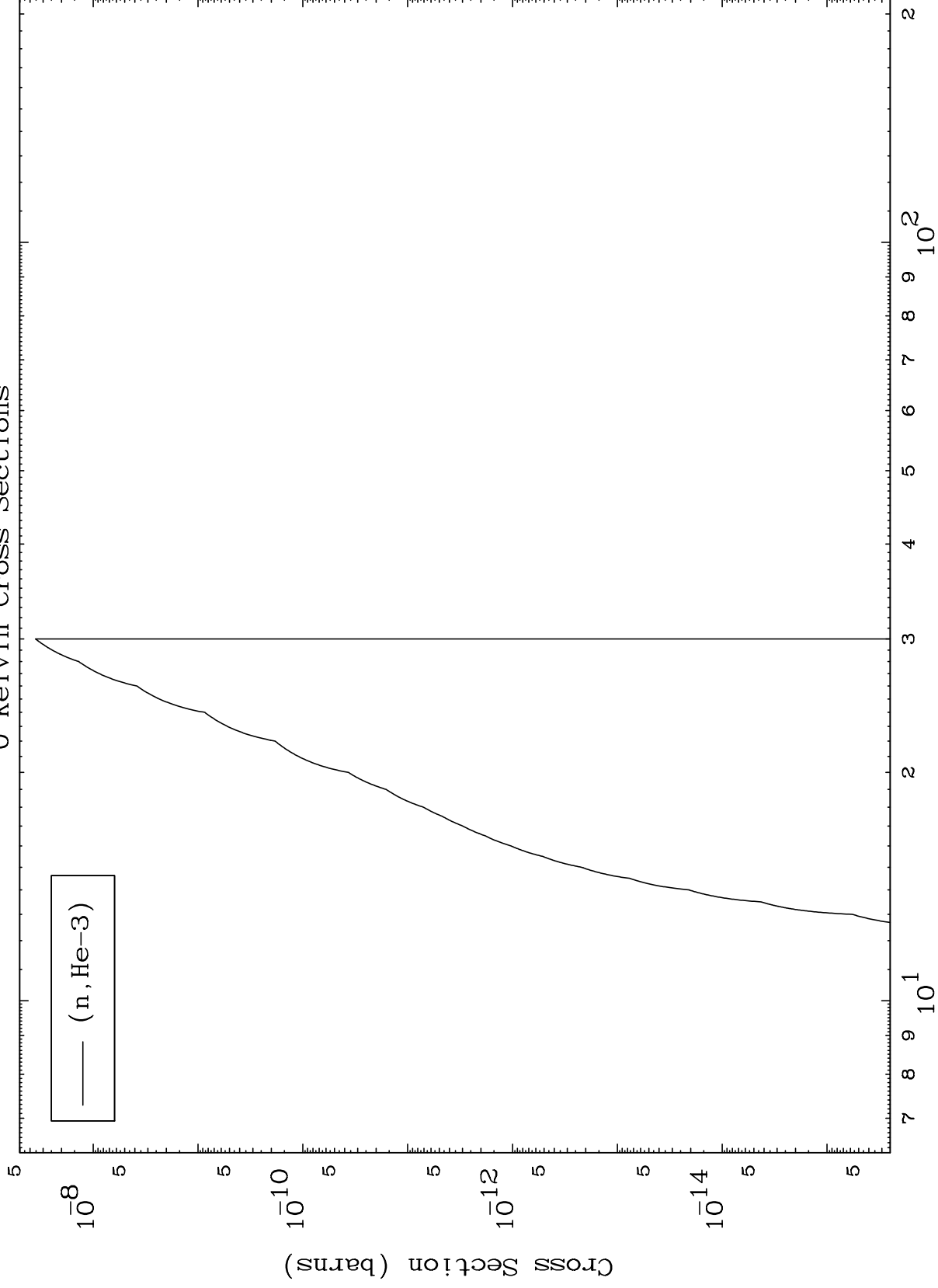




MAT 6599

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

66-Dy-147m



10

Incident Energy (MeV)

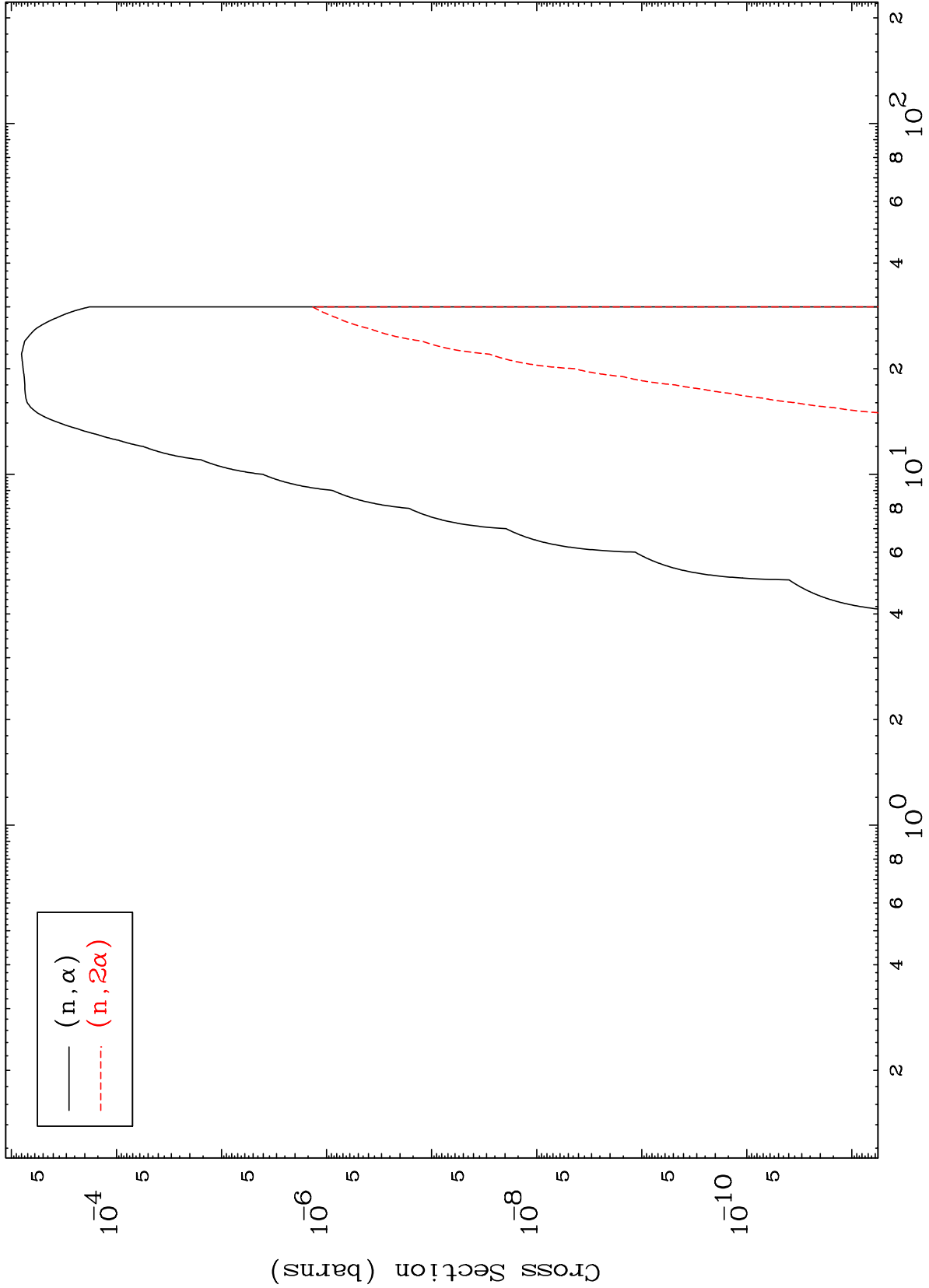
66-Dy-147m

MAT 6599

(γ, α) Levels

66-Dy-147m

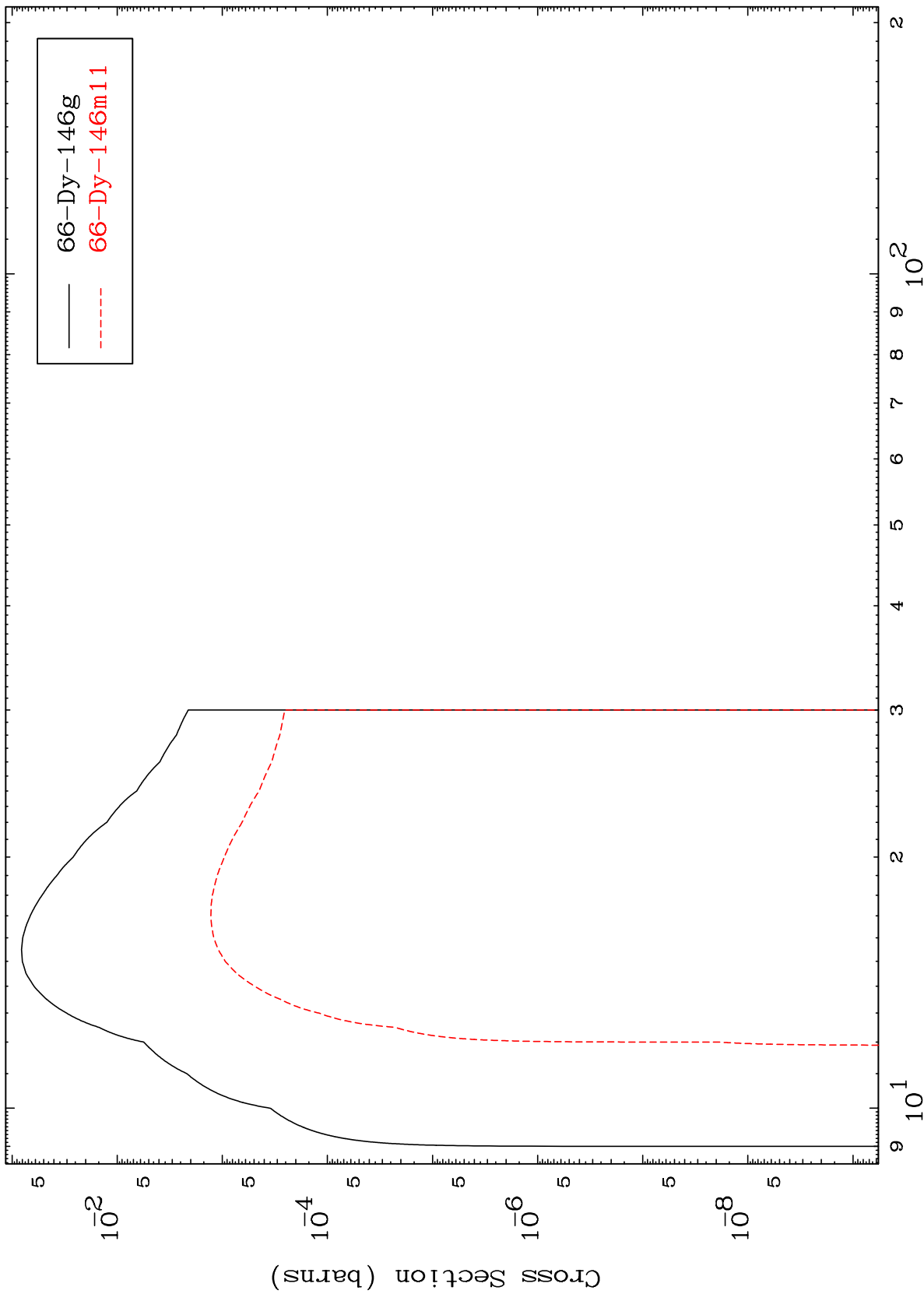
0 Kelvin Cross Sections



MAT 6599

66-Dy-147m

Inelastic
Radionuclide Production Cross Section



66-Dy-147m

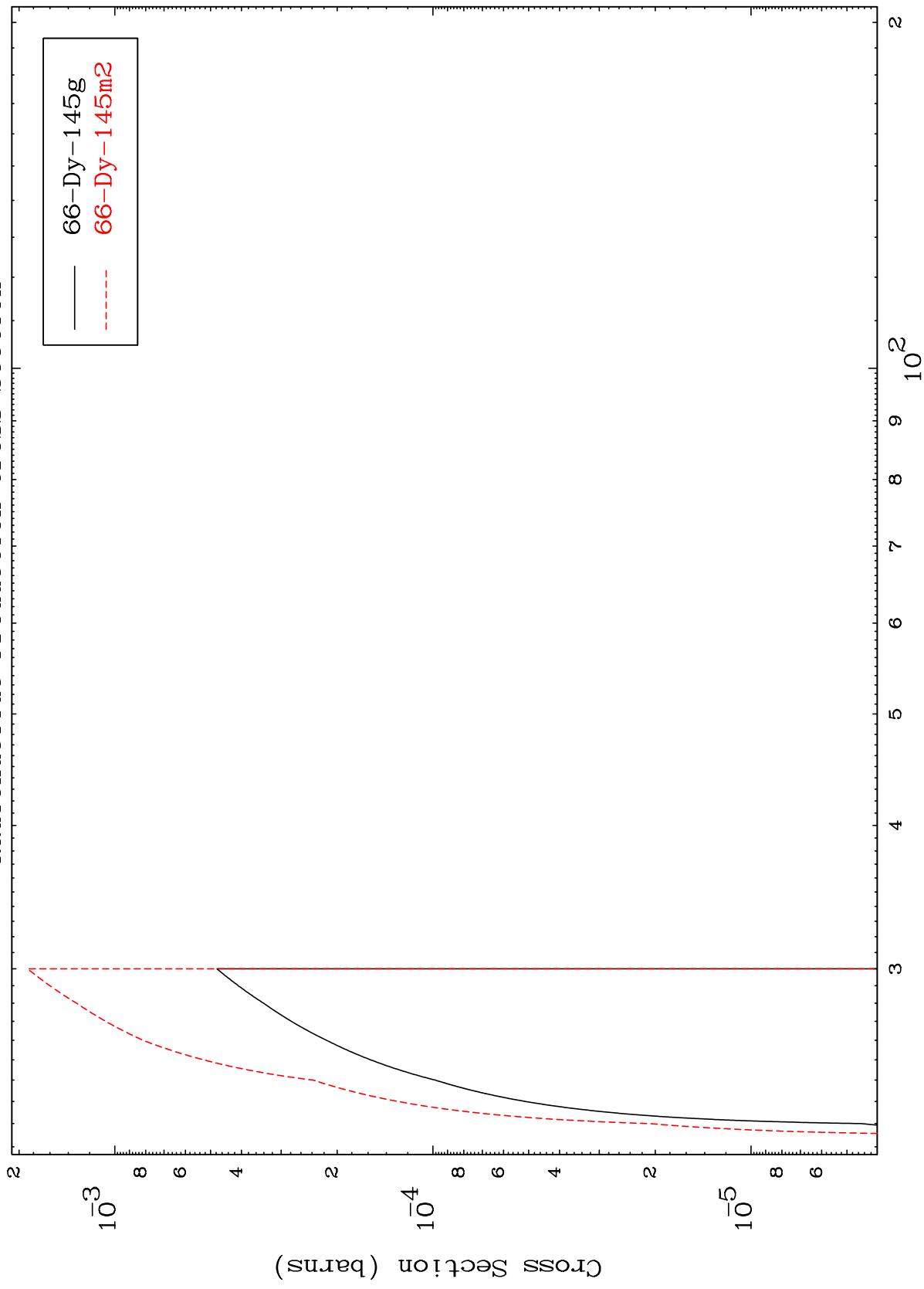
Incident Energy (MeV)

12

MAT 6599

66-Dy-147m

(n,2n)
Radionuclide Production Cross Section



66-Dy-147m

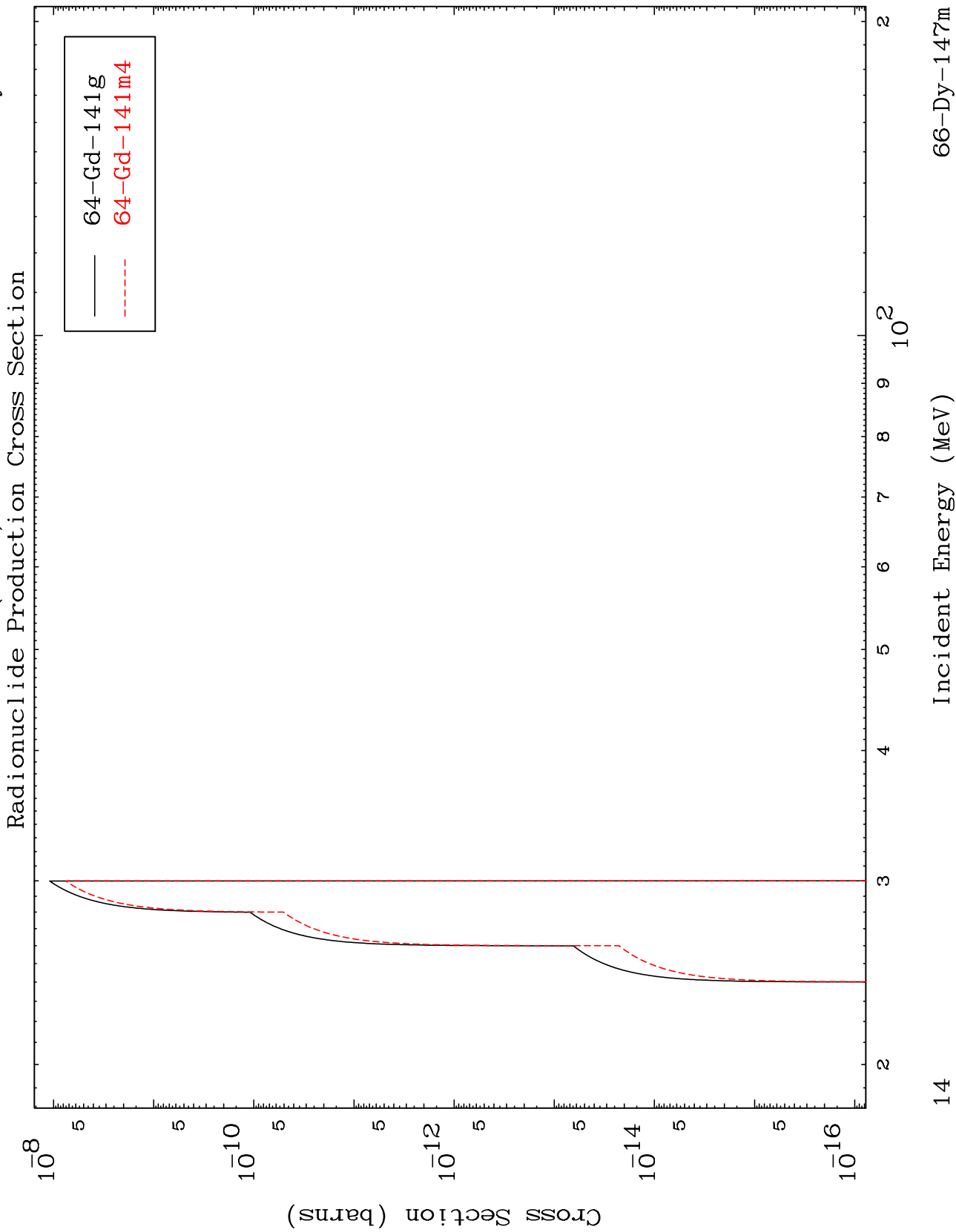
Incident Energy (MeV)

13

MAT 6599

(n,2n) α

66-Dy-147m



14

Incident Energy (MeV)

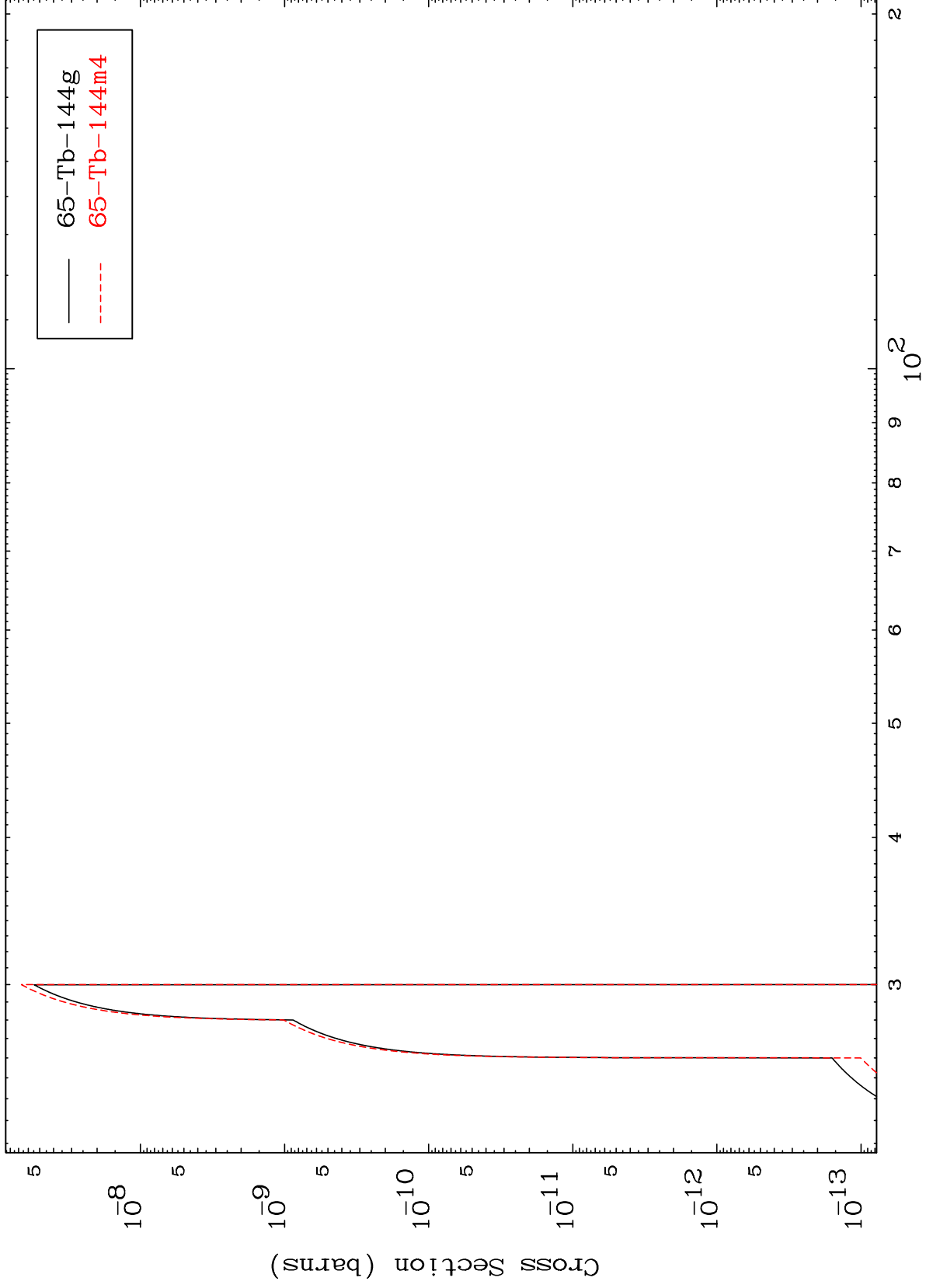
66-Dy-147m

MAT 6599

(n,n') d

66-Dy-147m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

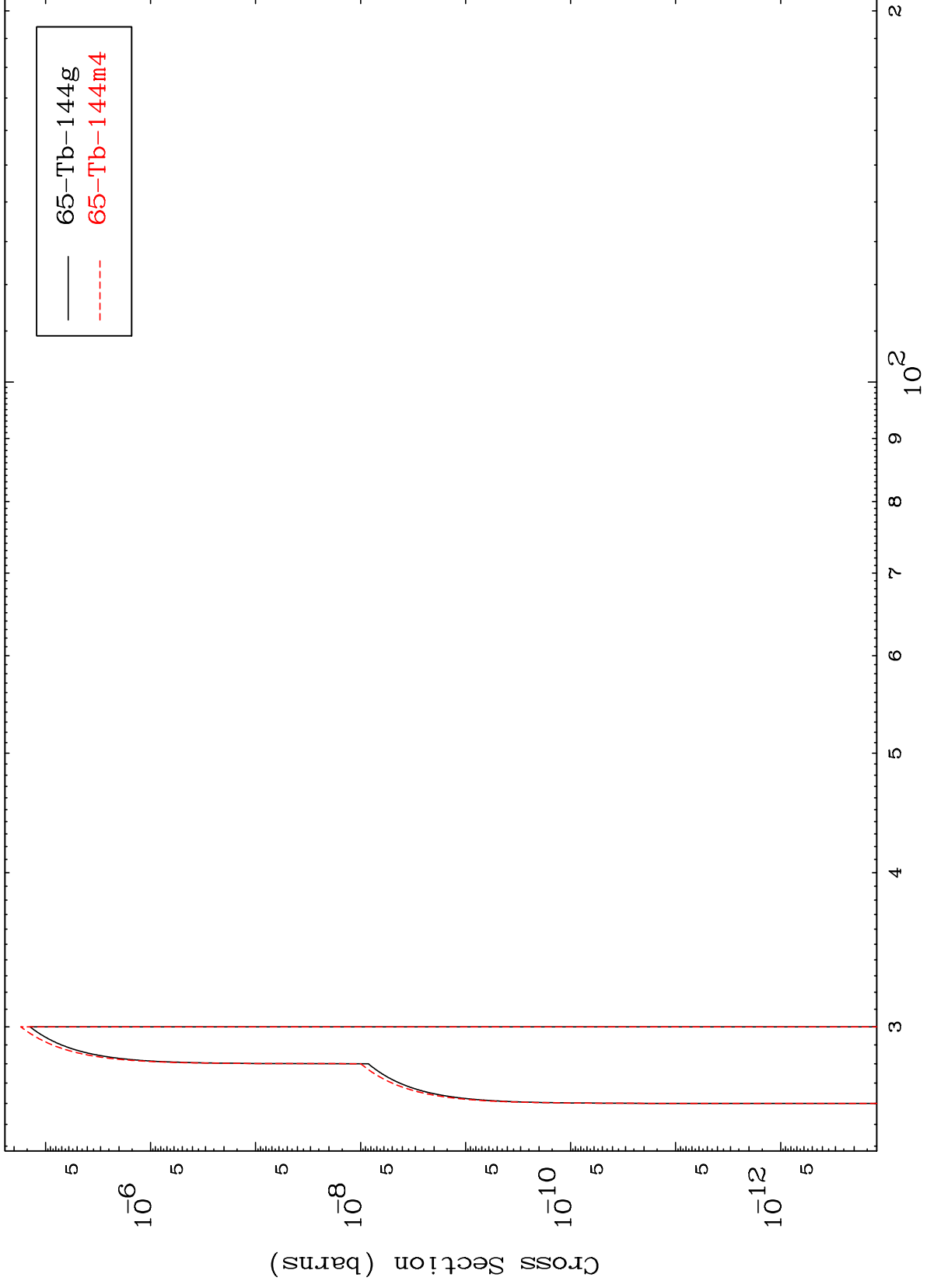
66-Dy-147m

MAT 6599

(n,2n) p

66-Dy-147m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

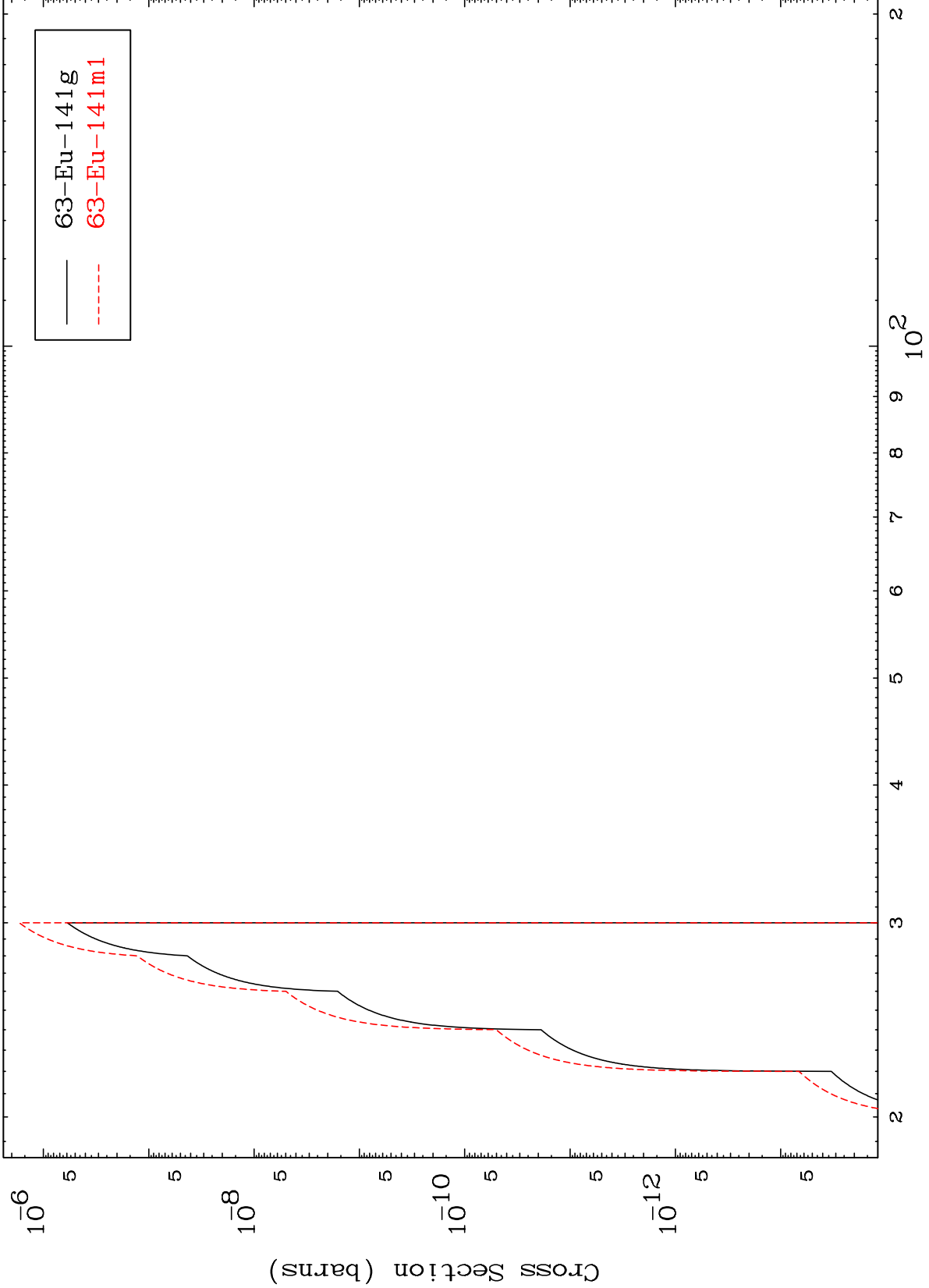
66-Dy-147m

MAT 6599

(n,n') p α

66-Dy-147m

Radionuclide Production Cross Section



17

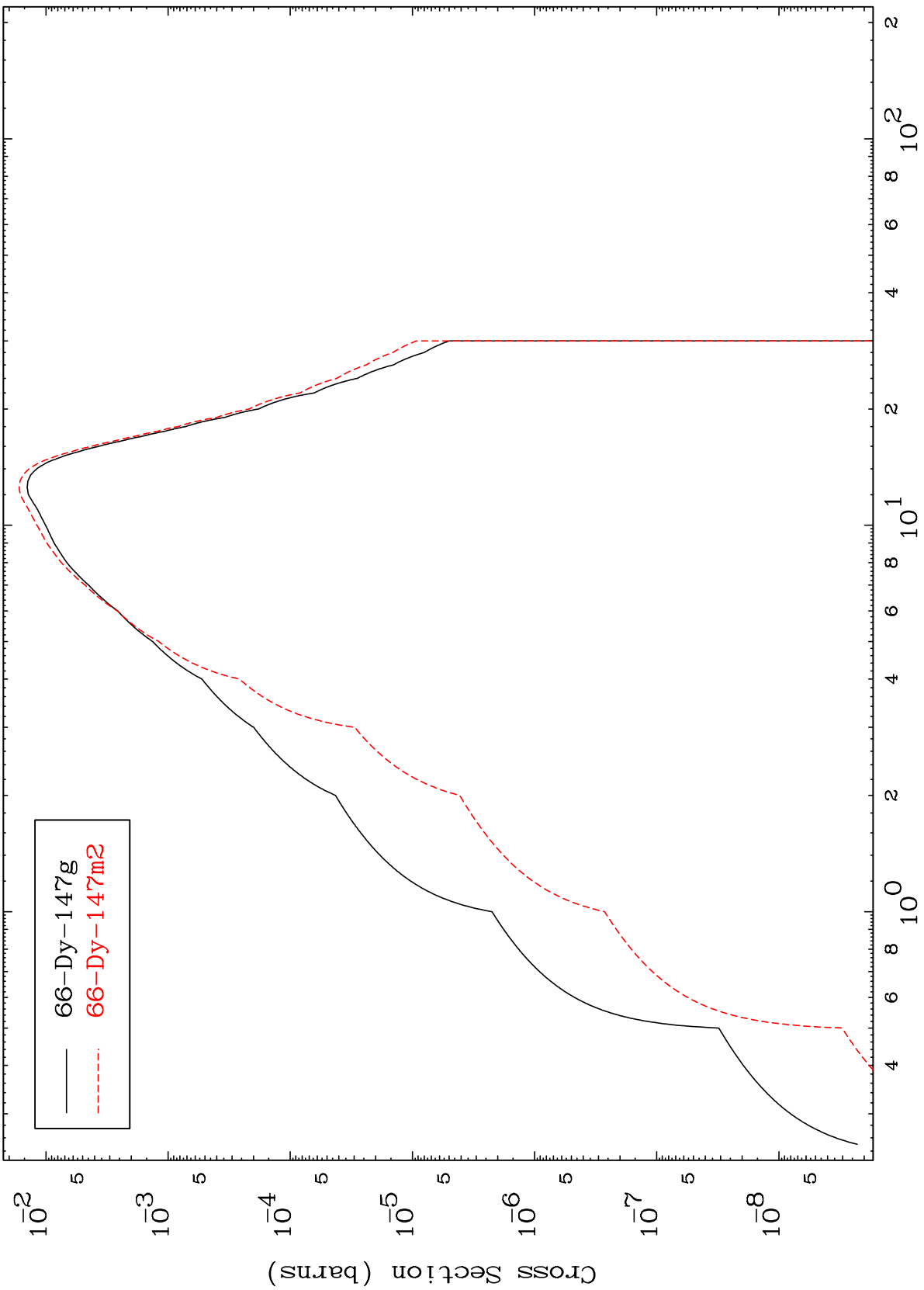
Incident Energy (MeV)

66-Dy-147m

MAT 6599

66-Dy-147m

(n, γ)
Radionuclide Production Cross Section



— 66-Dy-147g
- - - 66-Dy-147m2

66-Dy-147m

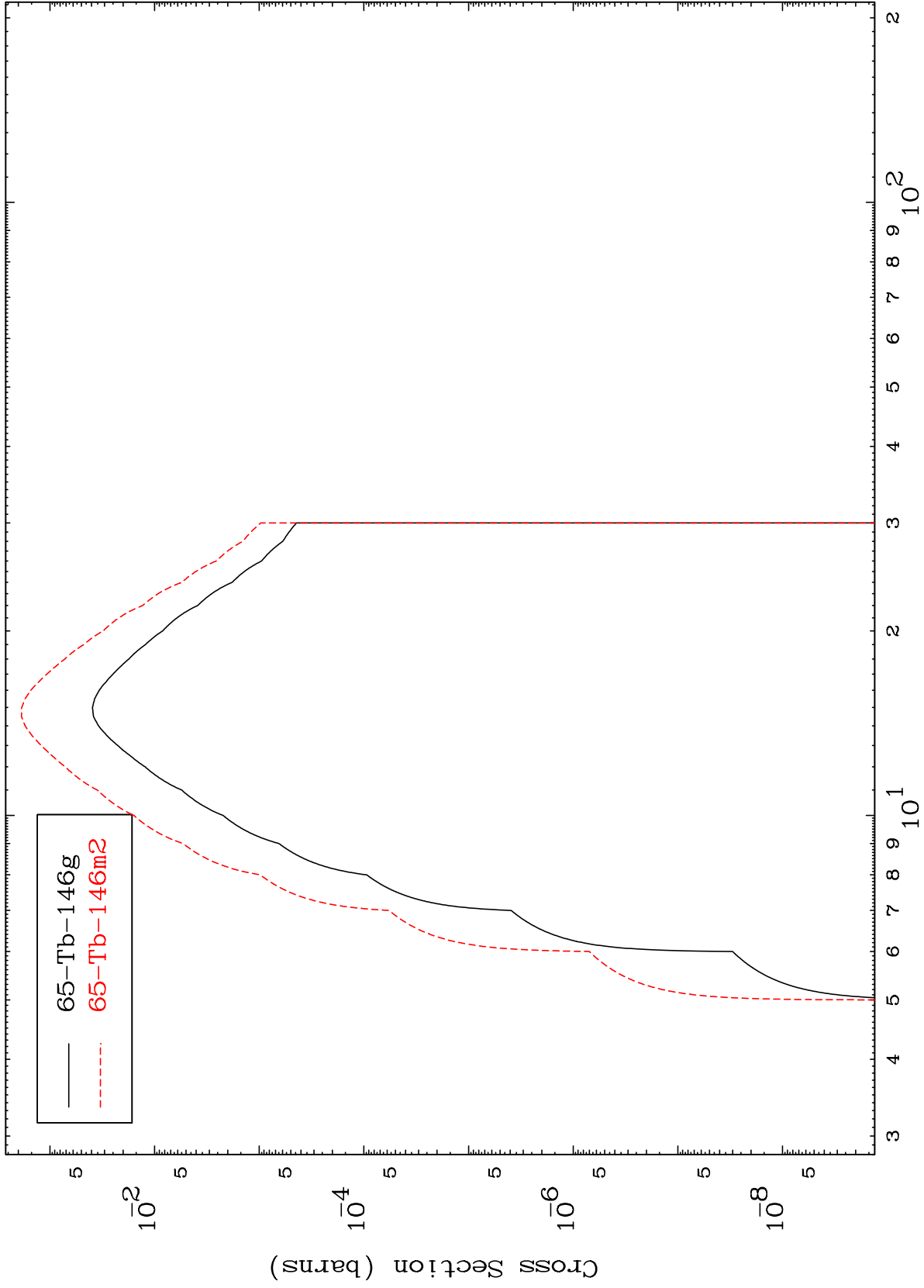
Incident Energy (MeV)

18

MAT 6599

66-Dy-147m

(n,p)
Radionuclide Production Cross Section



66-Dy-147m

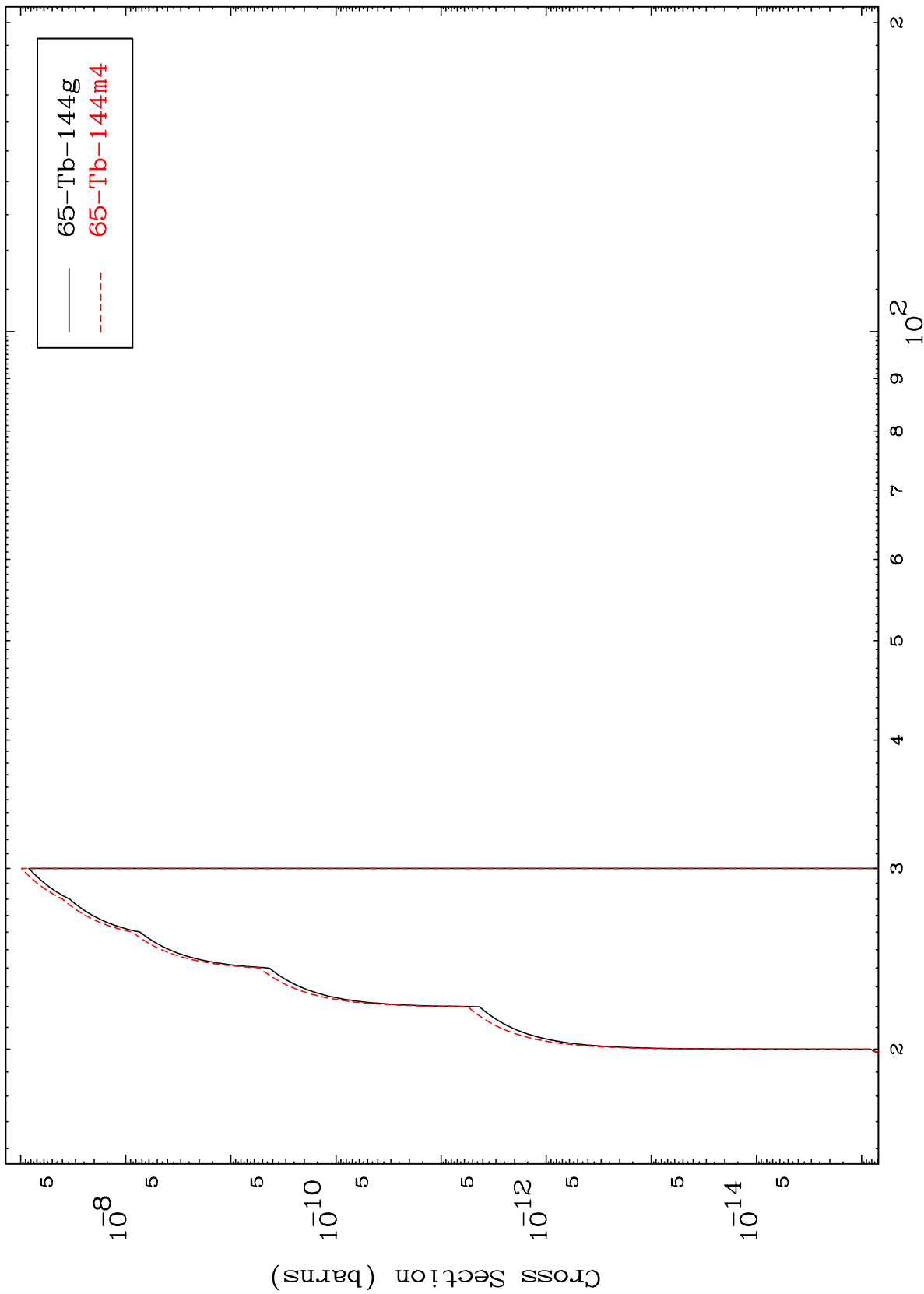
Incident Energy (MeV)

19

MAT 6599

66-Dy-147m

(n, t)
Radionuclide Production Cross Section



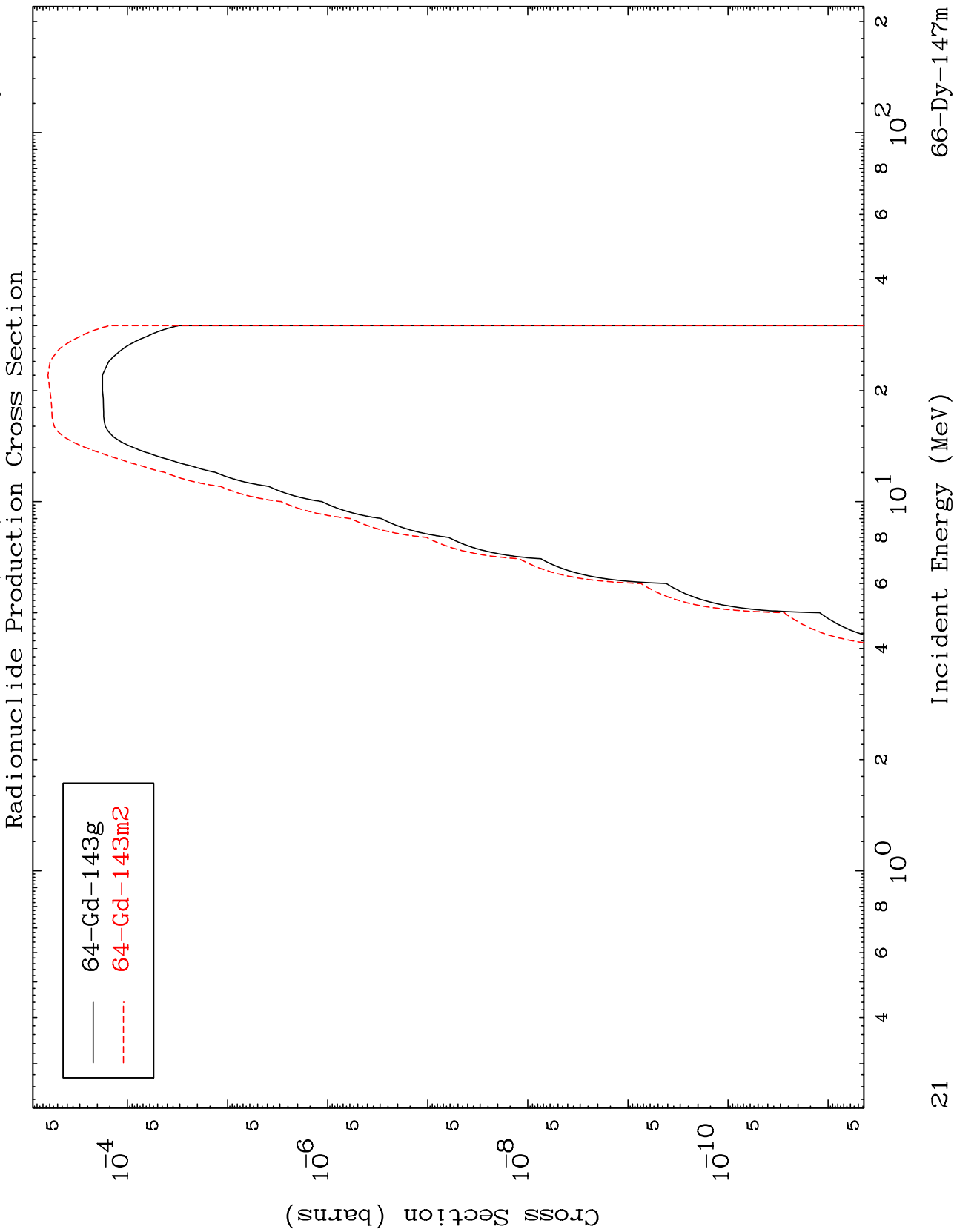
20

Incident Energy (MeV)

66-Dy-147m

MAT 6599

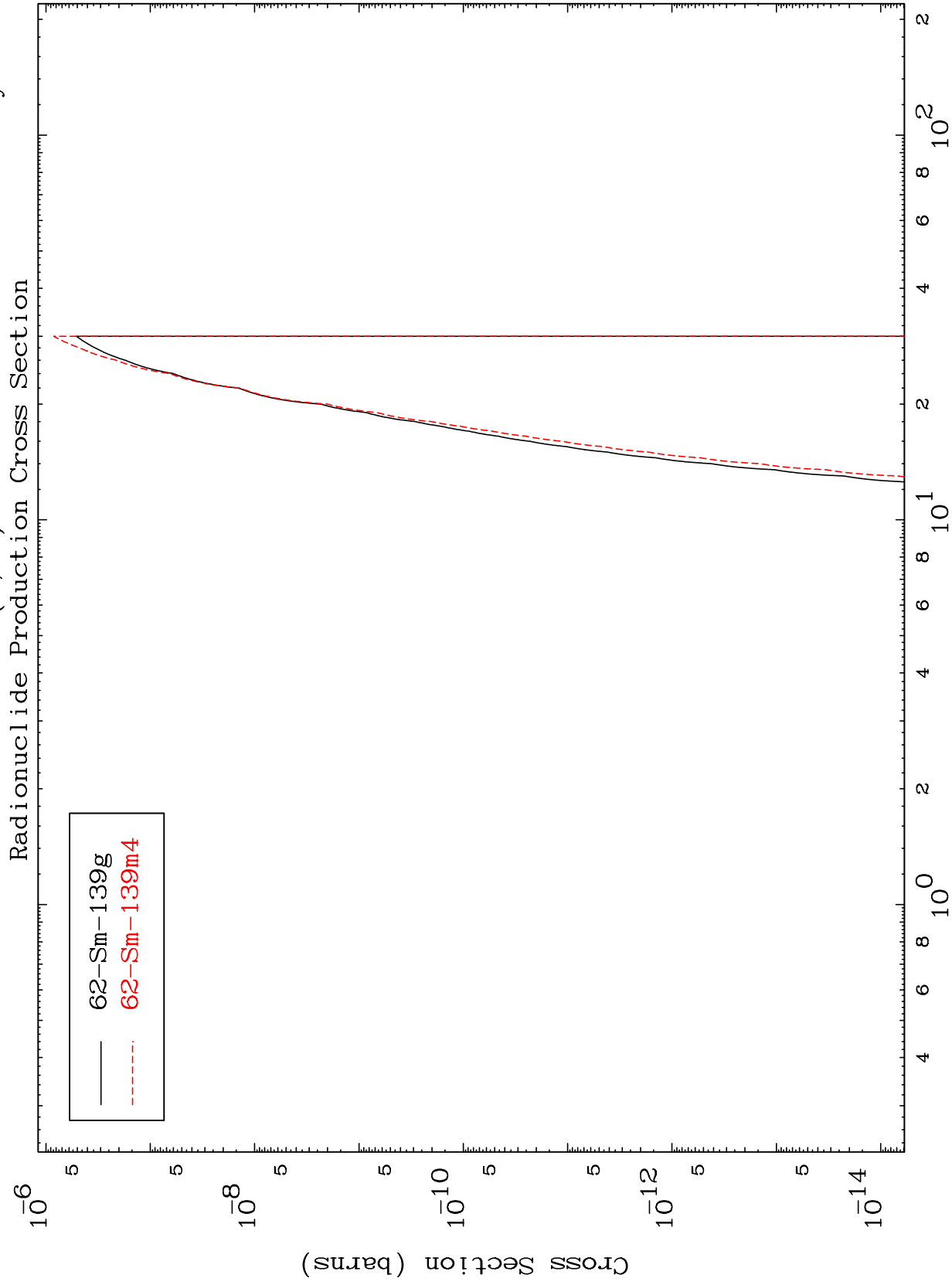
66-Dy-147m



MAT 6599

(n,2α)

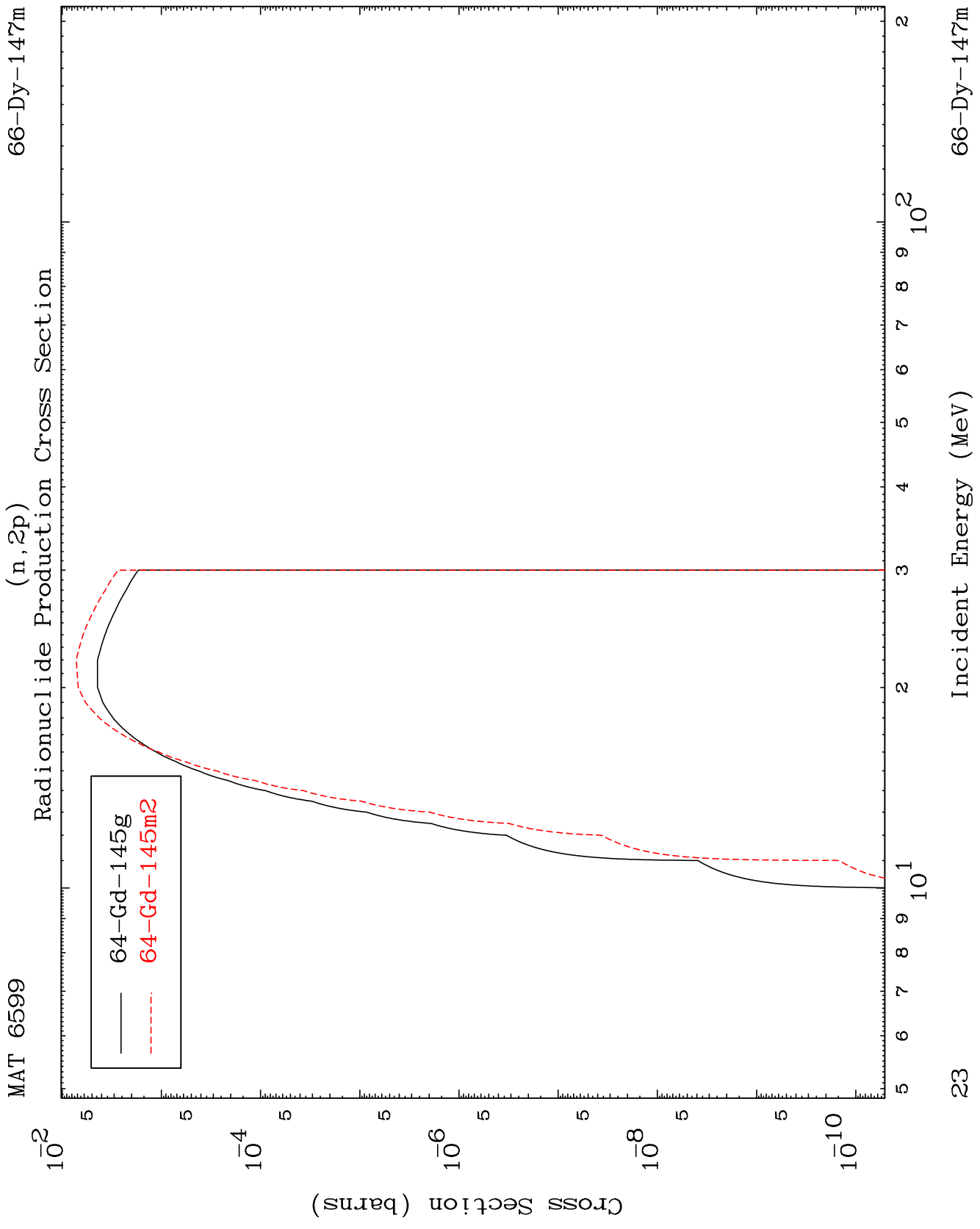
66-Dy-147m



22

Incident Energy (MeV)

66-Dy-147m

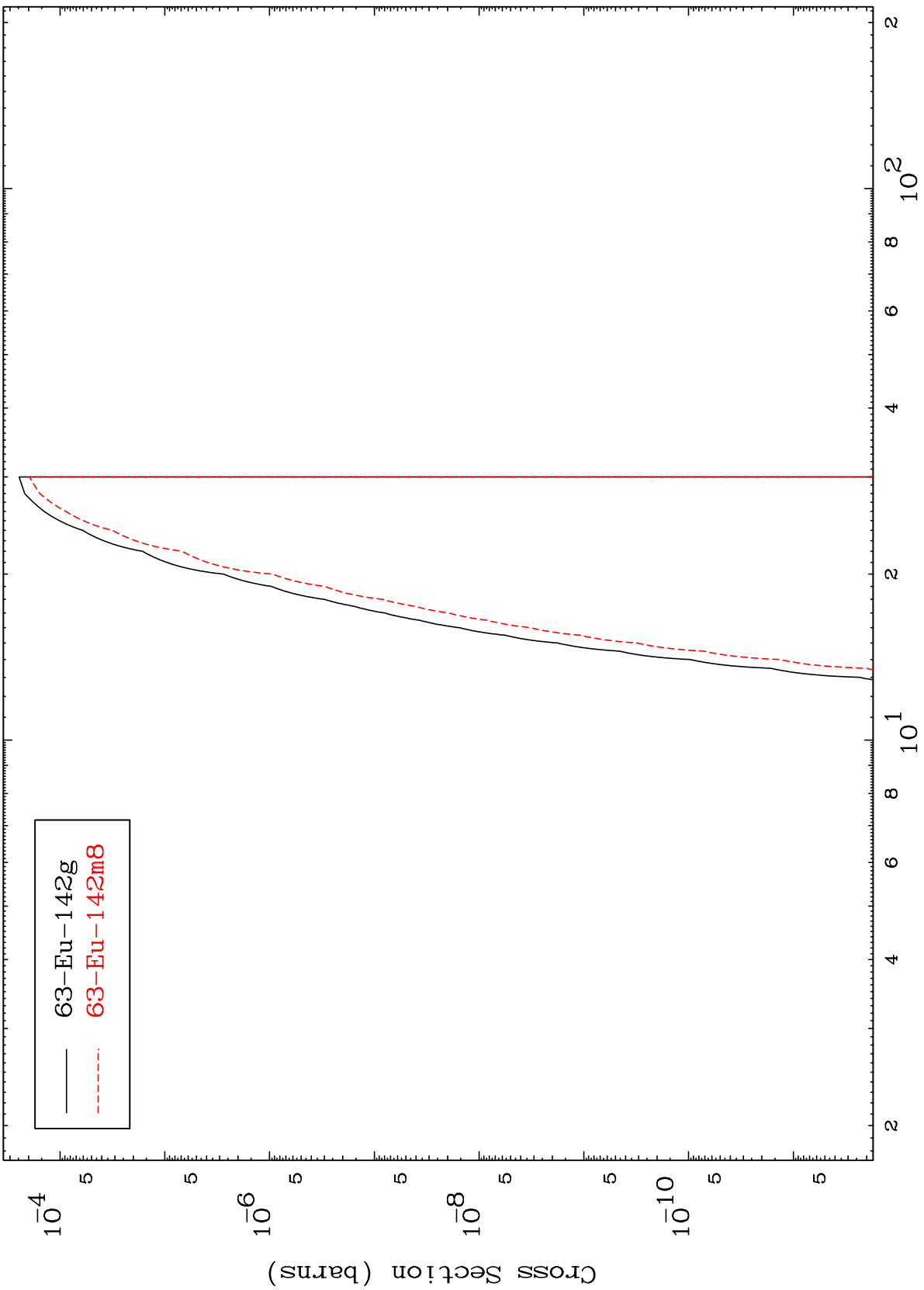


MAT 6599

(n,p) α

66-Dy-147m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

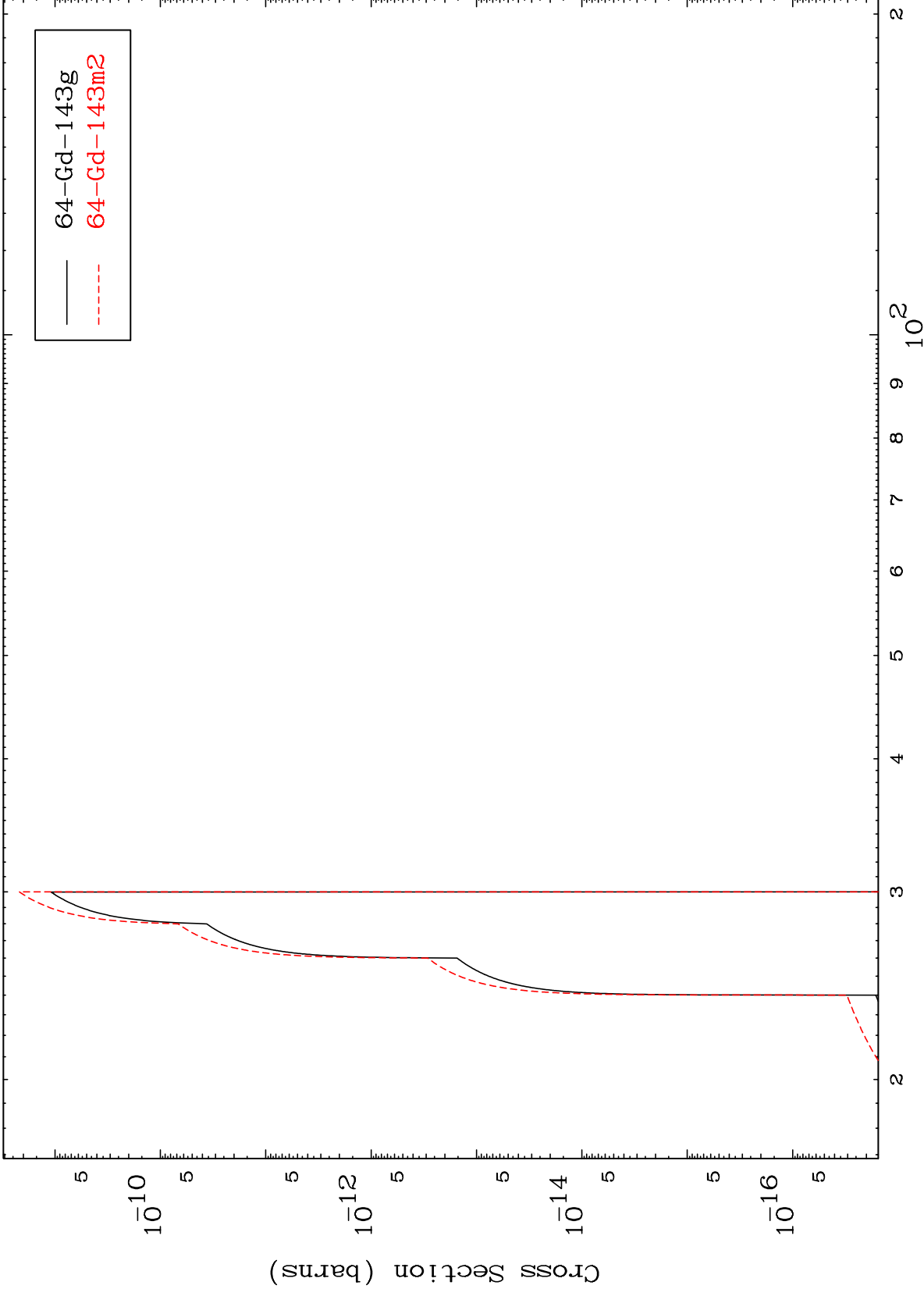
66-Dy-147m

MAT 6599

(n,p) t

66-Dy-147m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

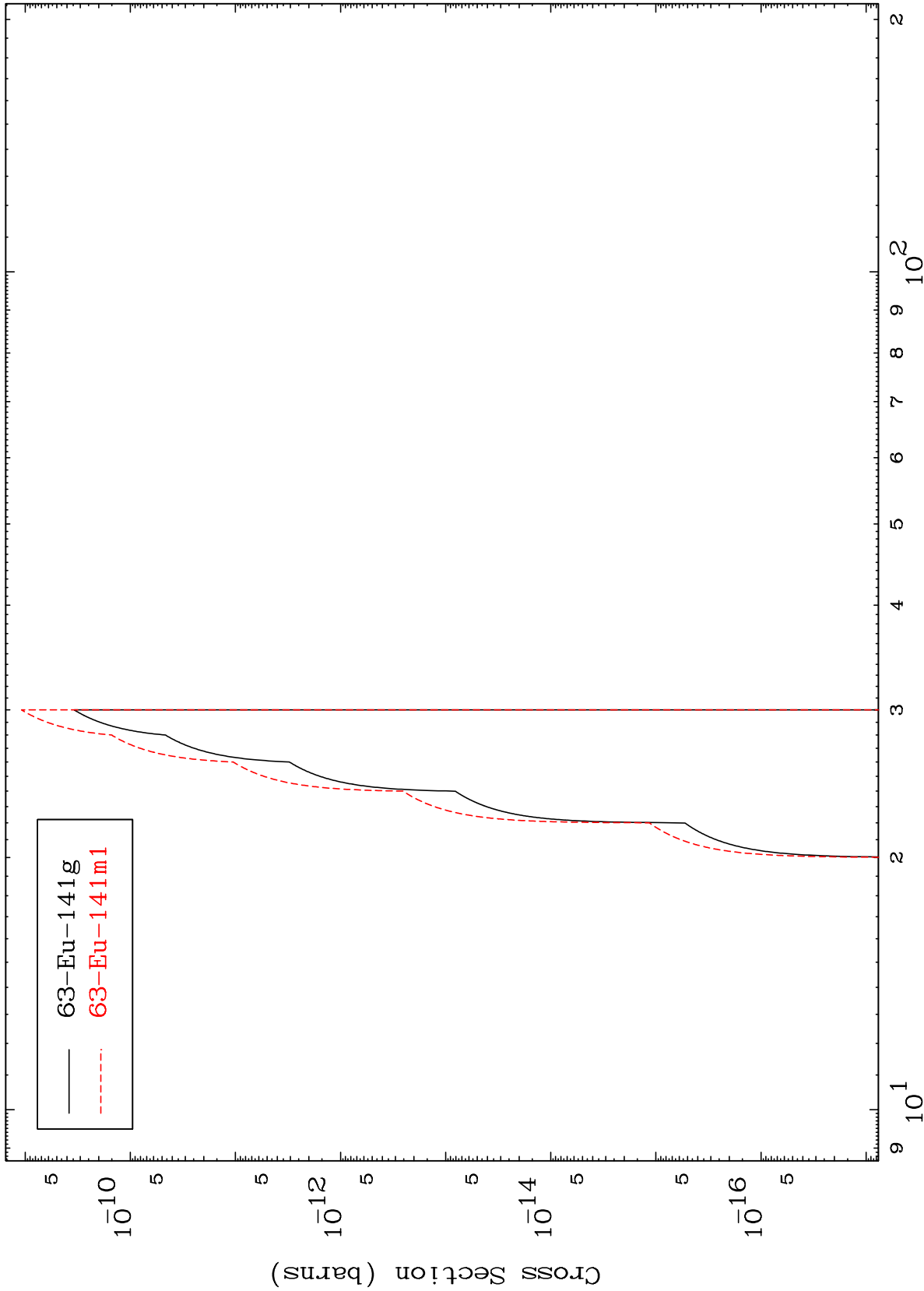
66-Dy-147m

MAT 6599

(n,d) α

66-Dy-147m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

66-Dy-147m