

Program EVALPLOT
(Version 2018-1)

by

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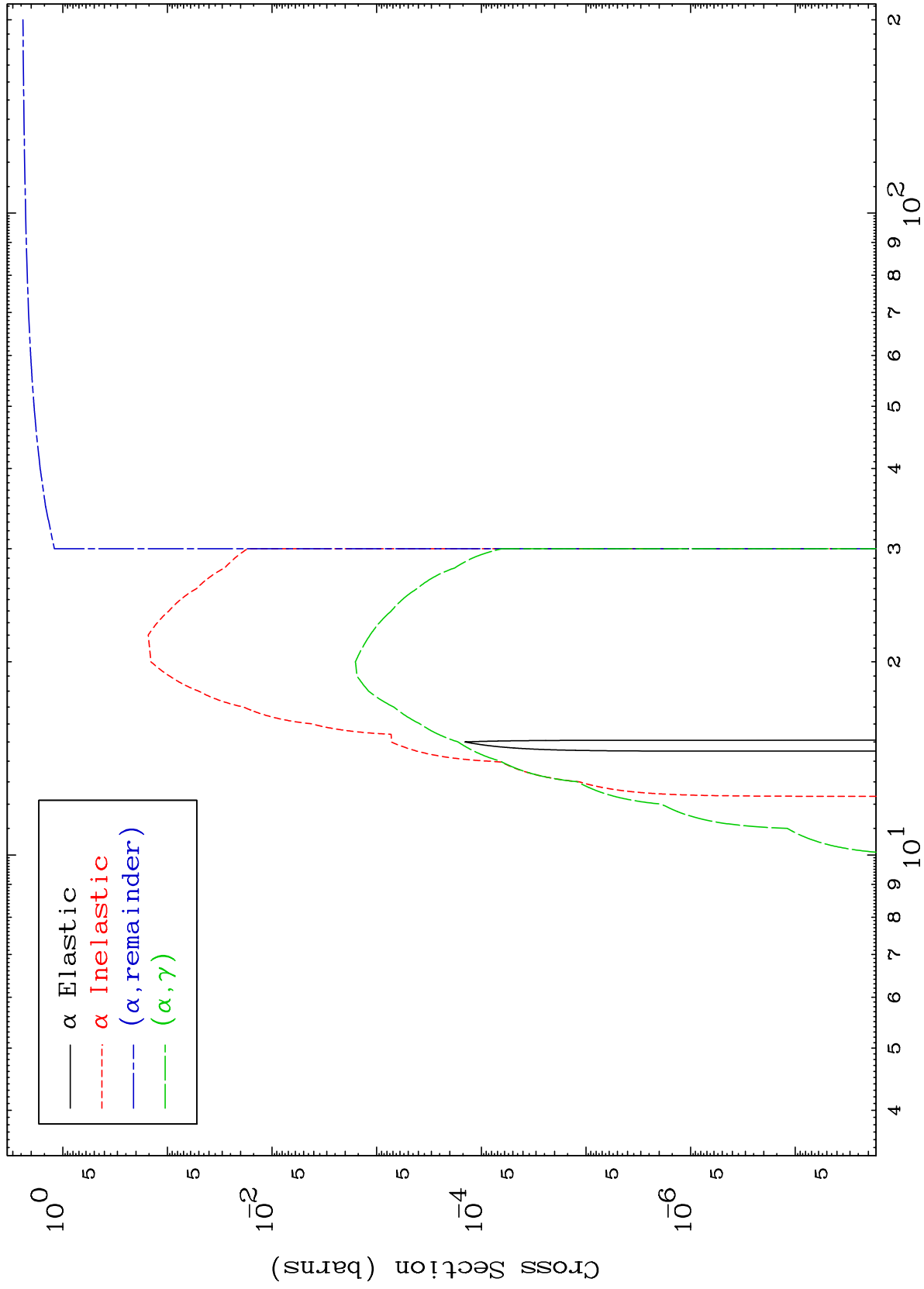
Press Mouse Button to Start

MAT 6598

α Major

66-Dy-147

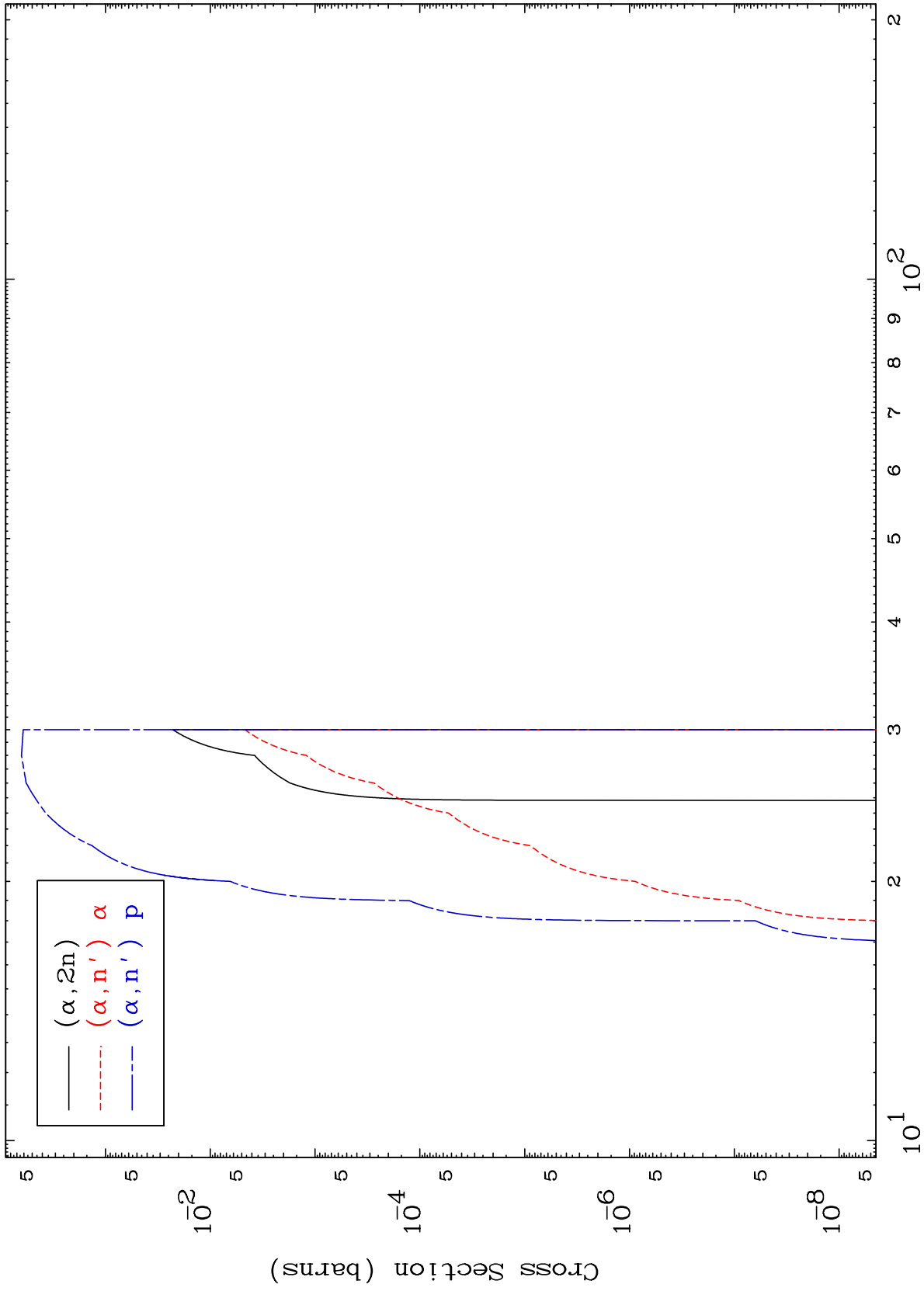
0 Kelvin Cross Sections



MAT 6598

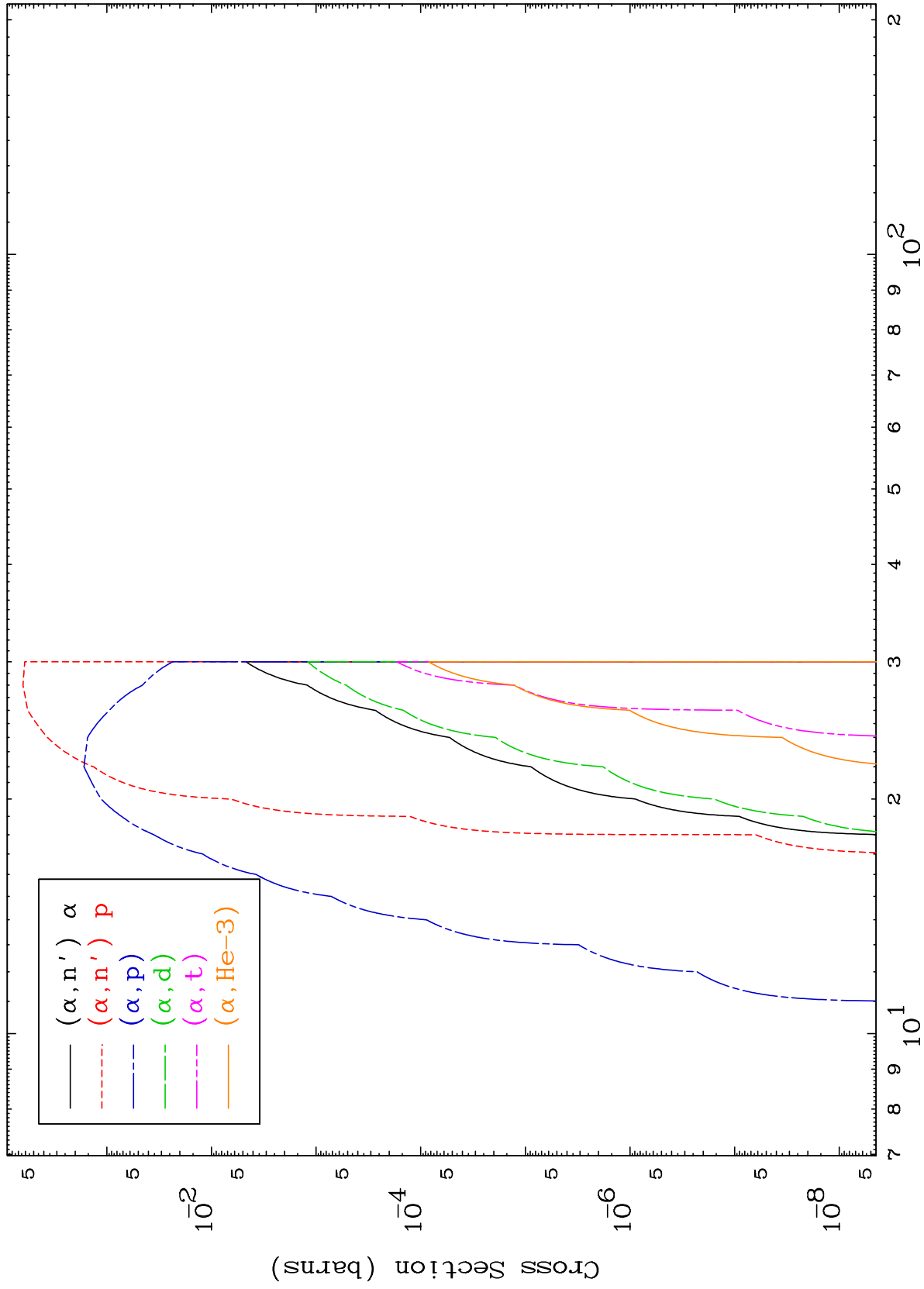
α Neutron Production
0 Kelvin Cross Sections

66-Dy-147



Incident Energy (MeV)

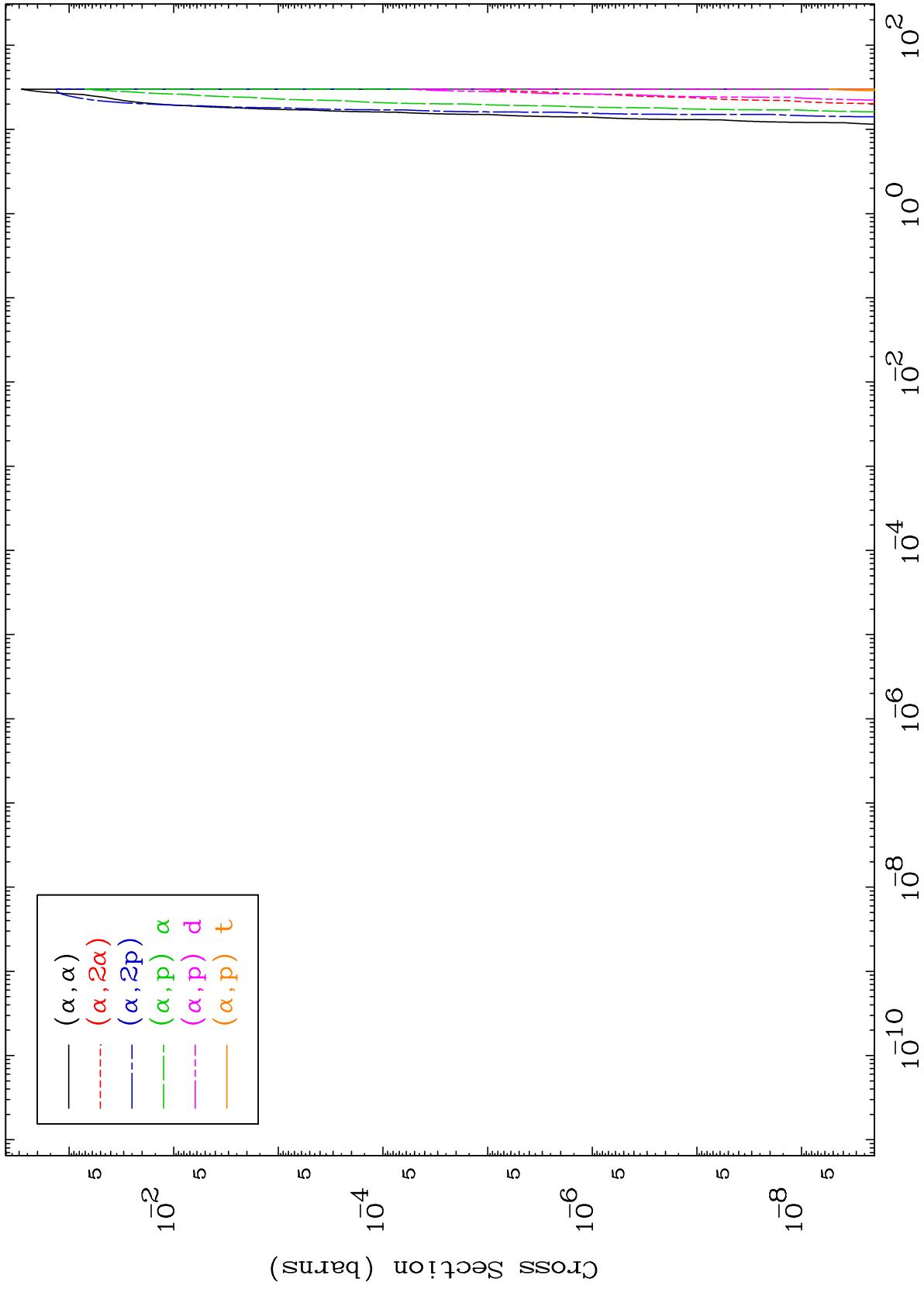
66-Dy-147



MAT 6598

α Charged Particle
0 Kelvin Cross Sections

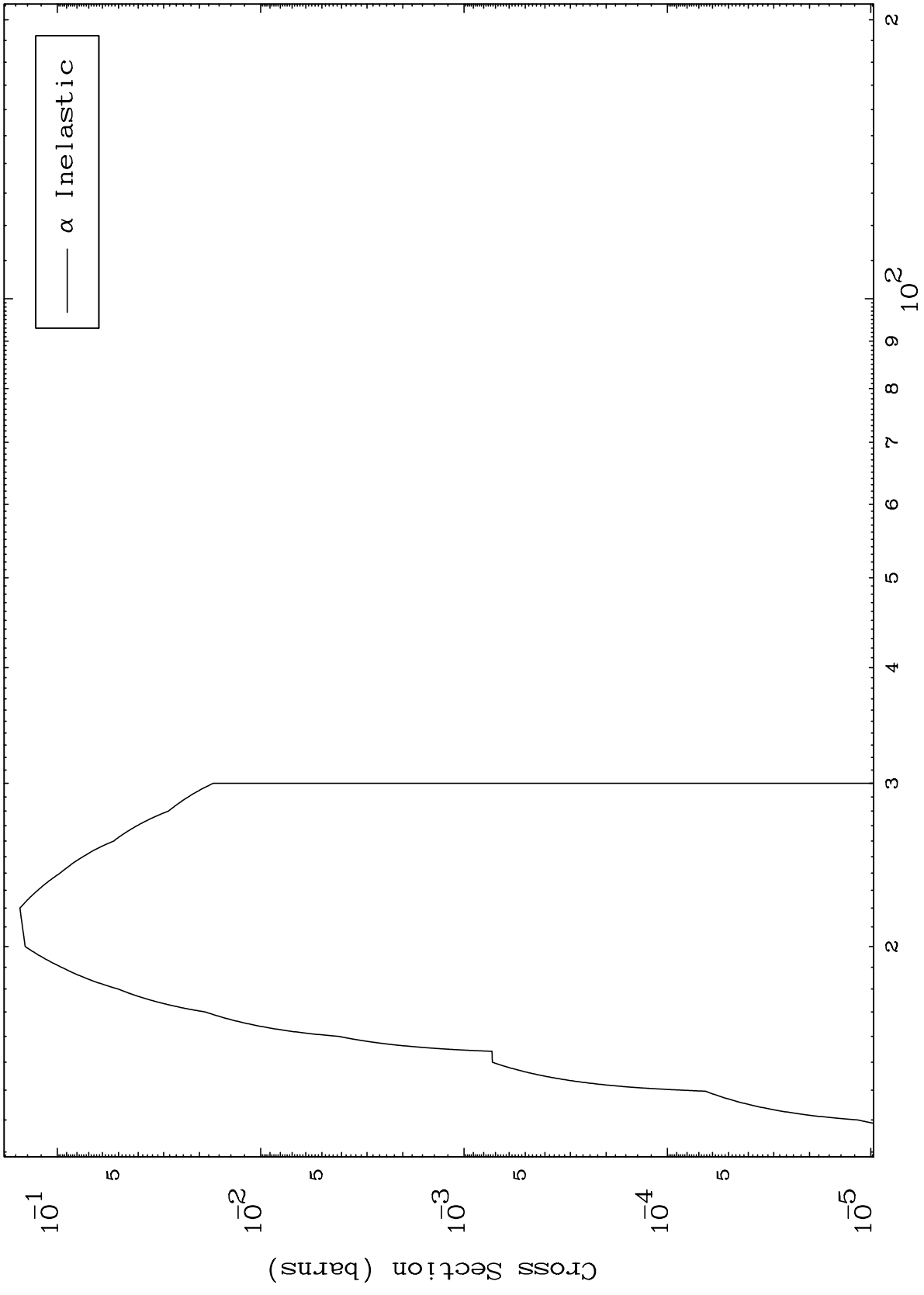
66-Dy-147



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(α, n') Level
0 Kelvin Cross Sections

66-Dy-147



5

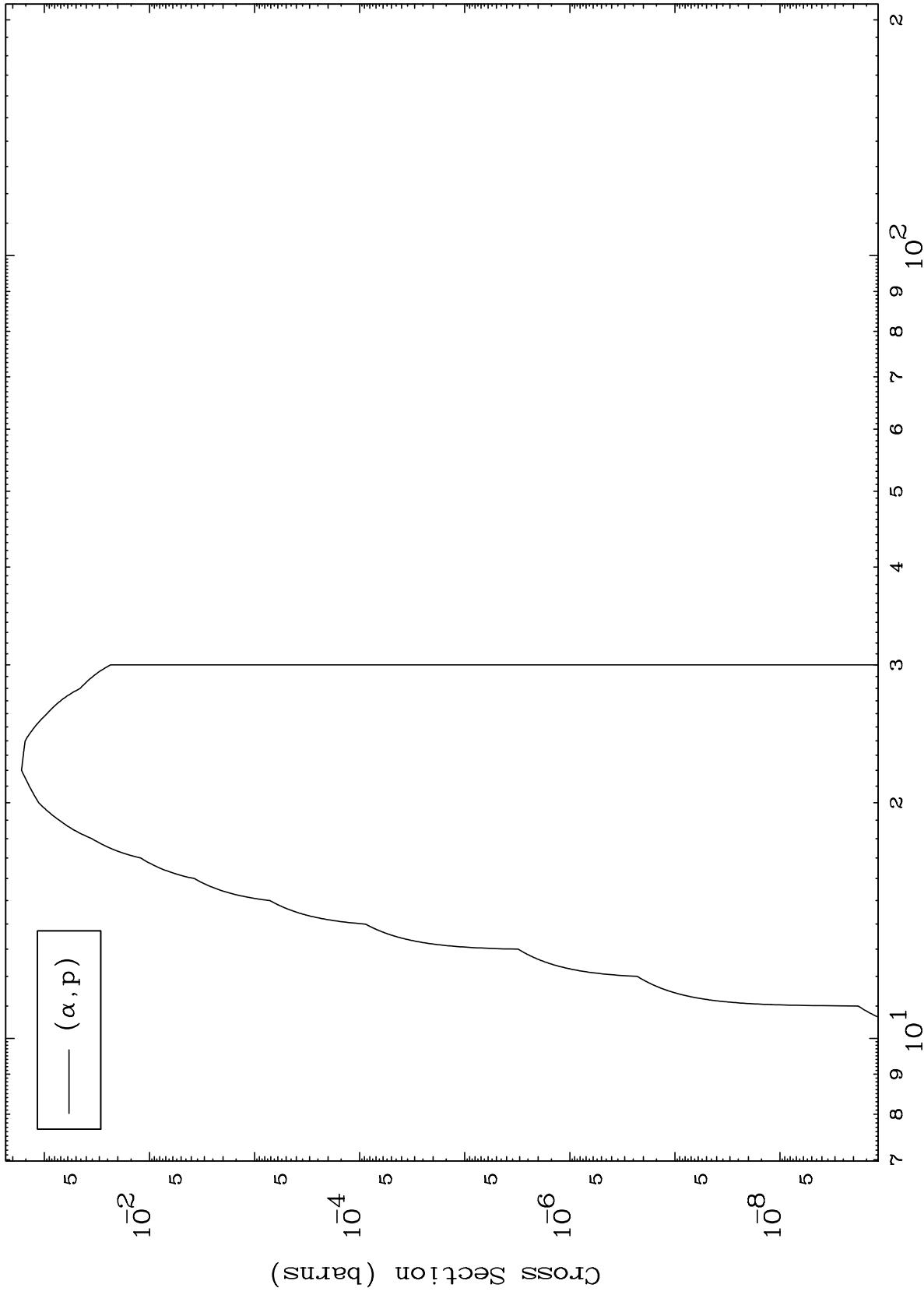
Incident Energy (MeV)

66-Dy-147

MAT 6598

(α, p) Levels
0 Kelvin Cross Sections

66-Dy-147



6

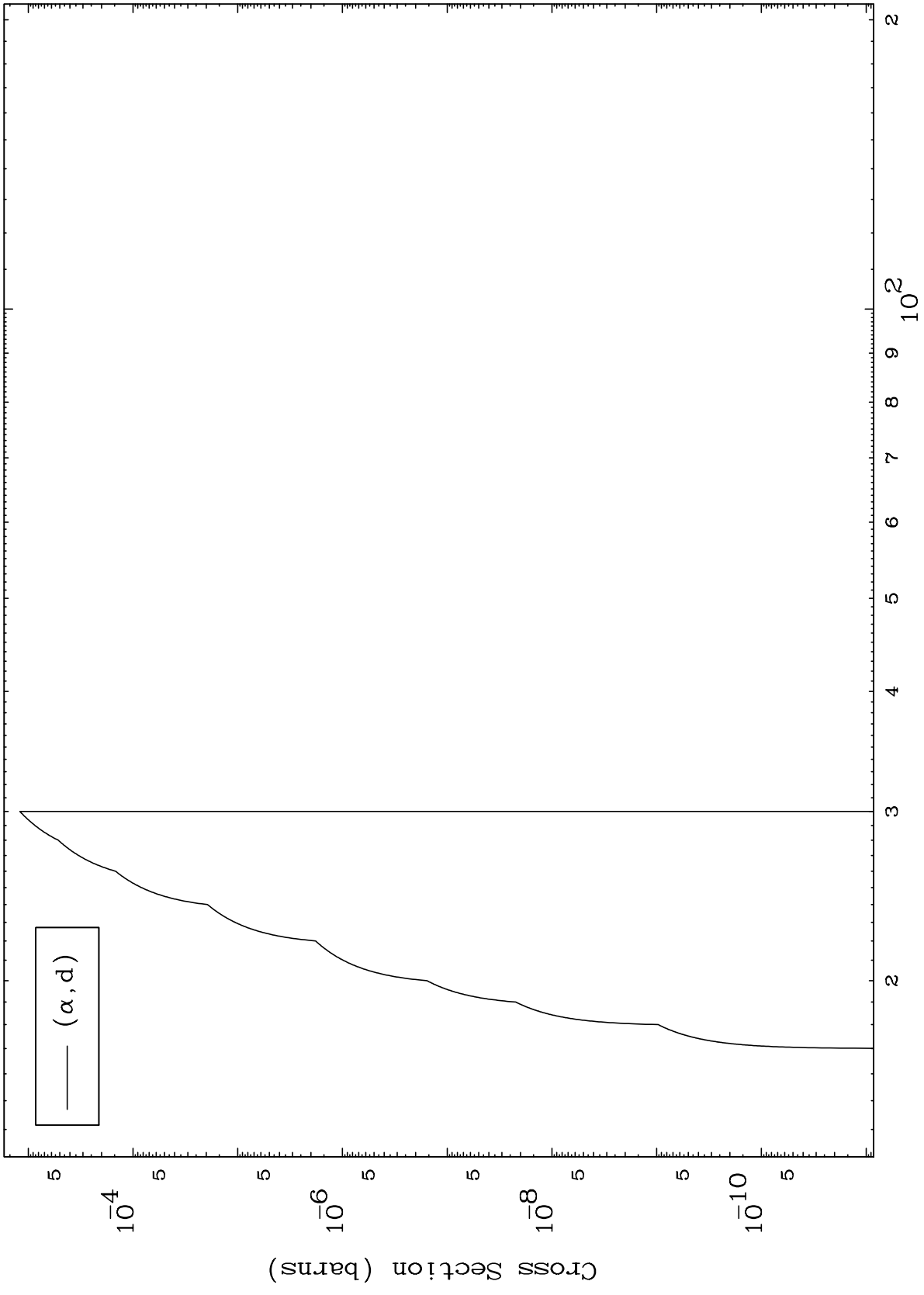
Incident Energy (MeV)

66-Dy-147

MAT 6598

(α, d) Levels
0 Kelvin Cross Sections

66-Dy-147



7

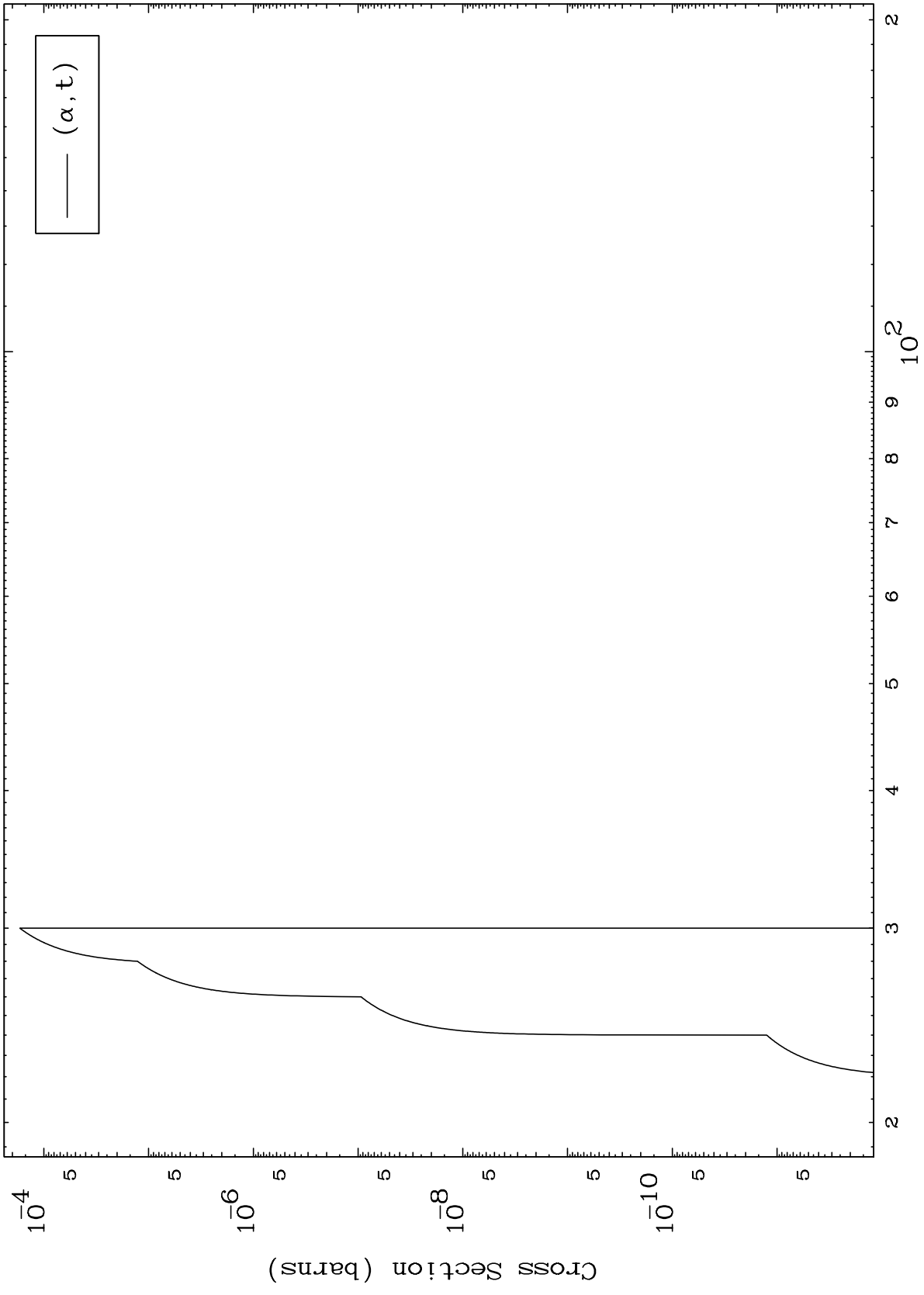
Incident Energy (MeV)

66-Dy-147

MAT 6598

(α, t) Levels
0 Kelvin Cross Sections

66-Dy-147



8

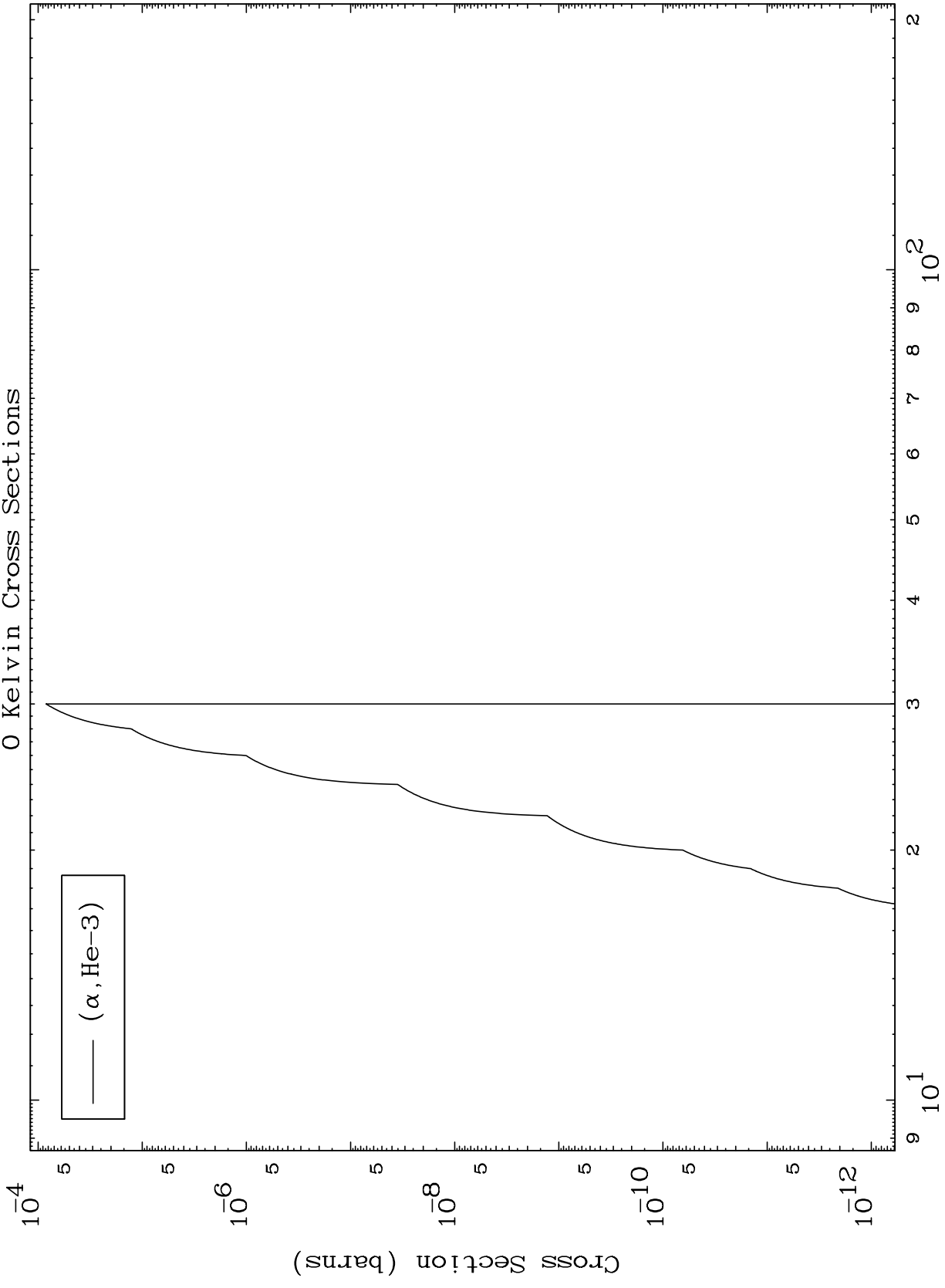
Incident Energy (MeV)

66-Dy-147

MAT 6598

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

66-Dy-147



9

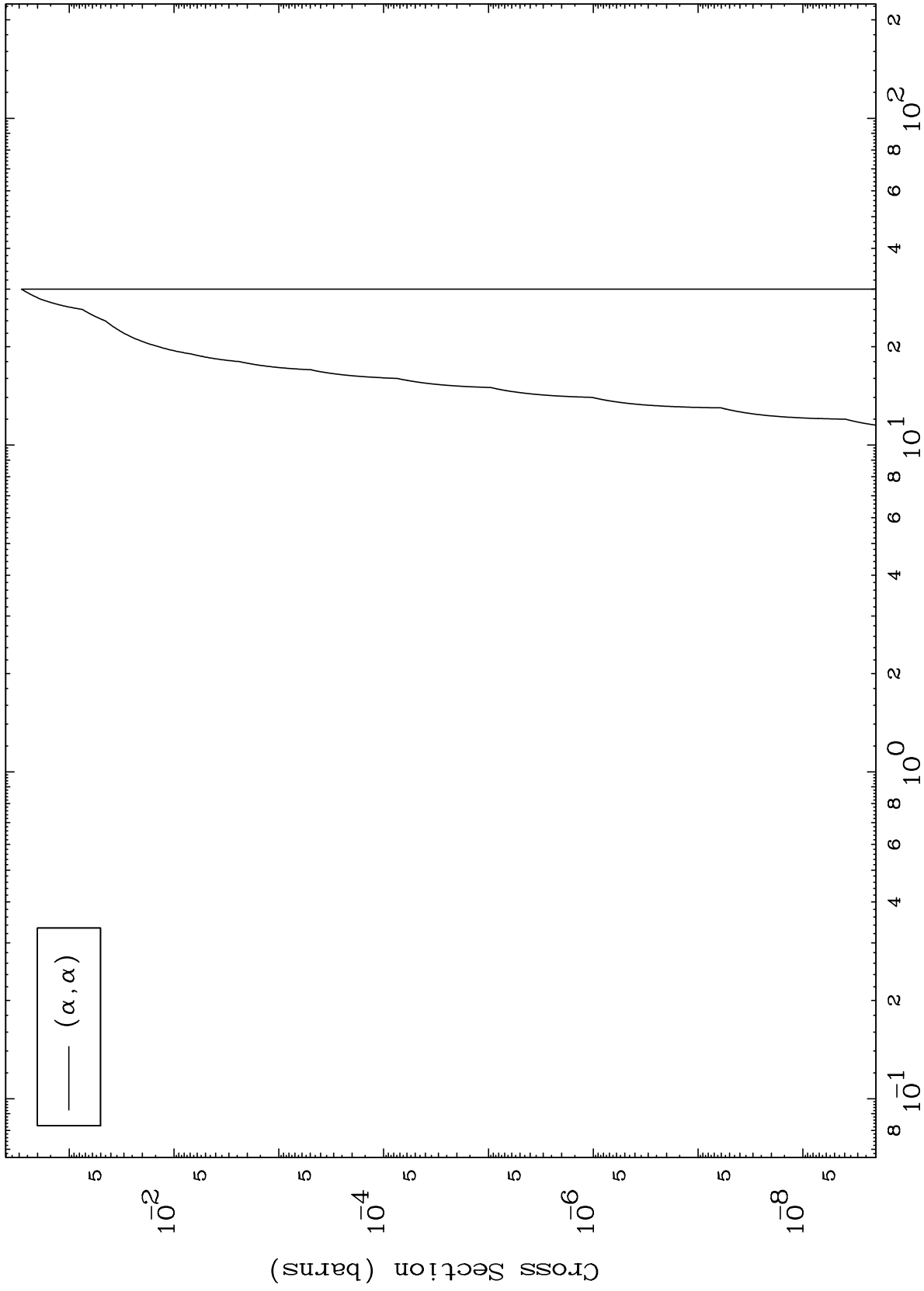
Incident Energy (MeV)

66-Dy-147

MAT 6598

(α, α) Levels
0 Kelvin Cross Sections

66-Dy-147



10

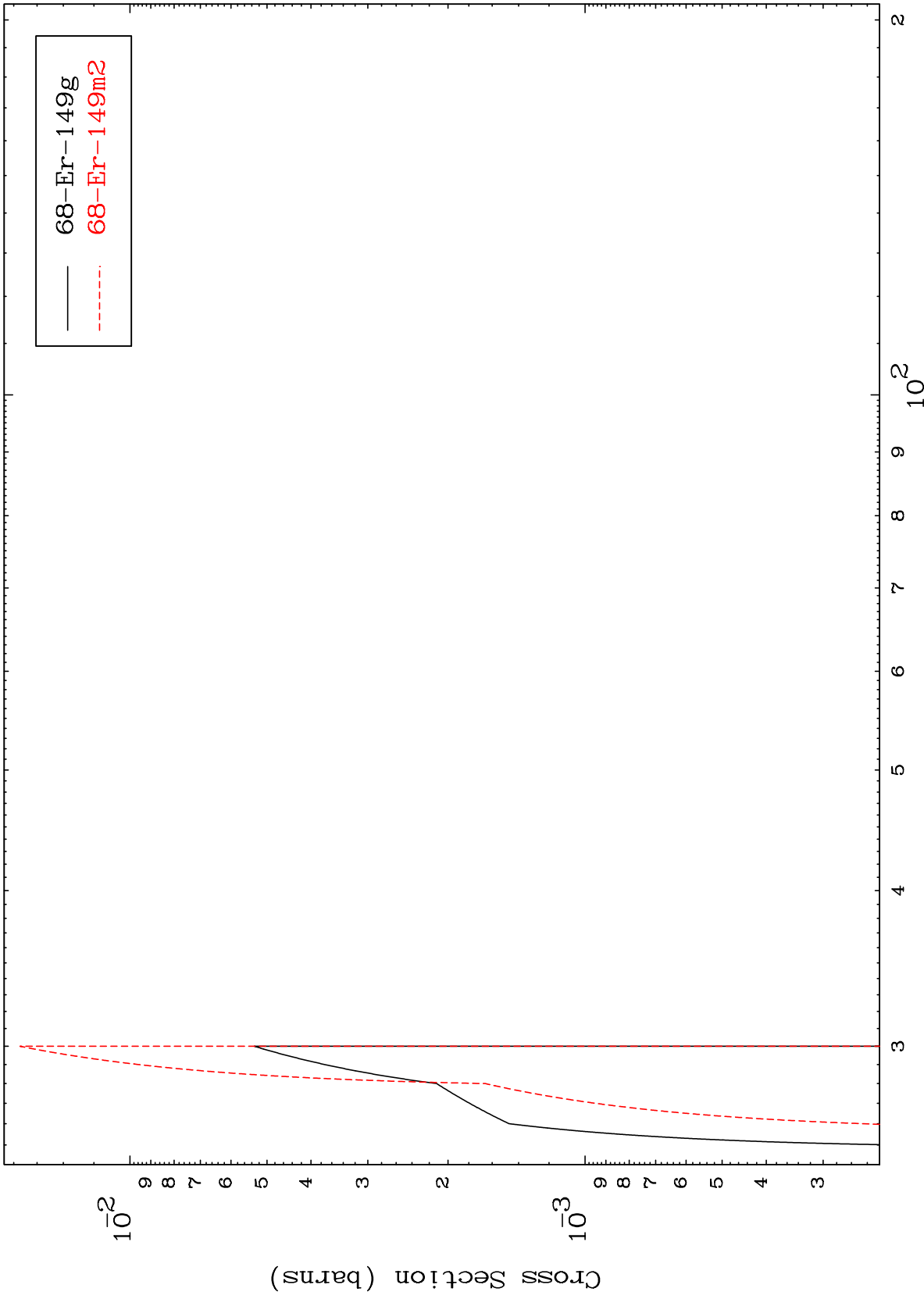
Incident Energy (MeV)

66-Dy-147

MAT 6598

66-Dy-147

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



11

Incident Energy (MeV)

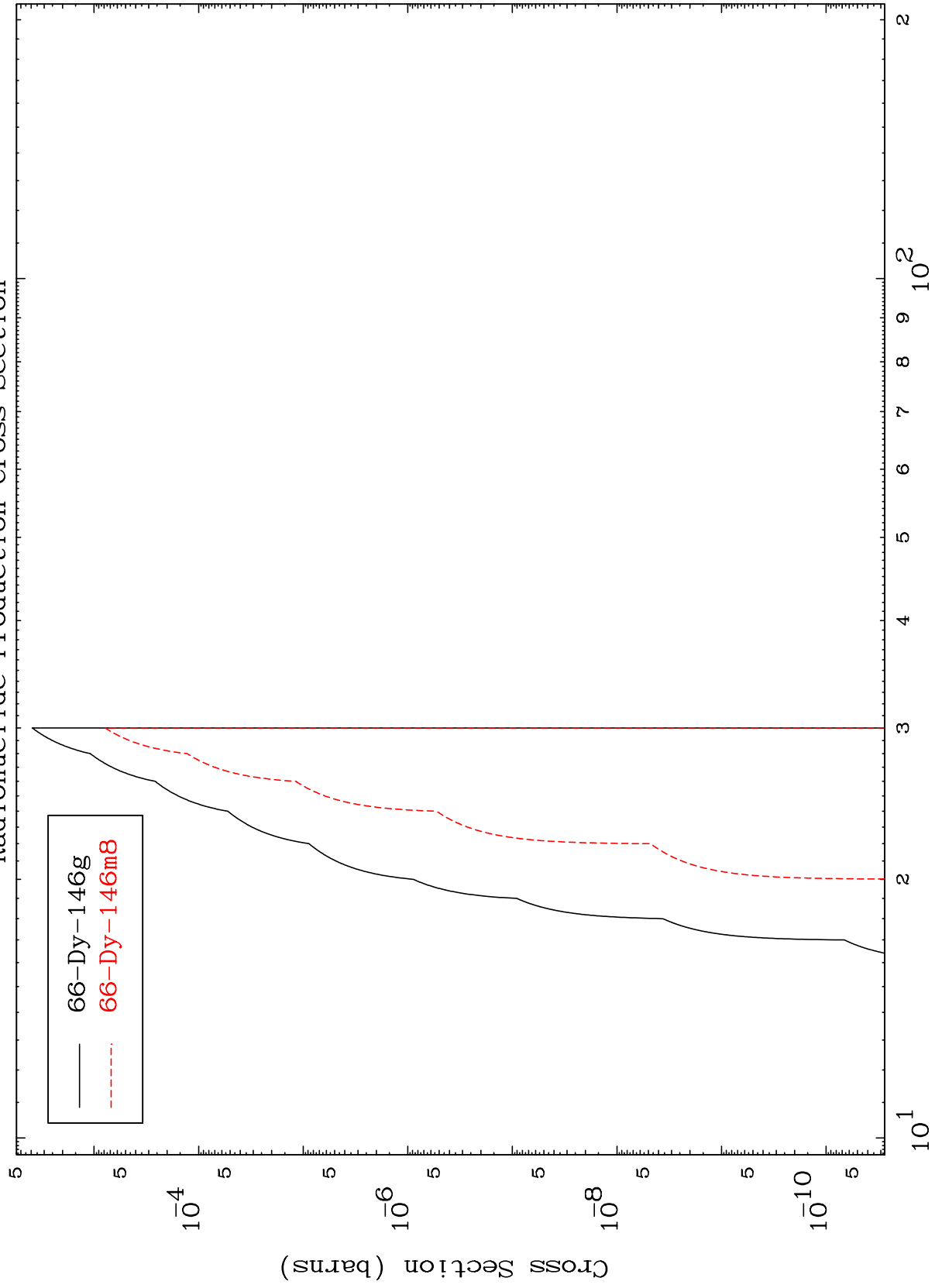
66-Dy-147

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(α, n') α

66-Dy-147

Radionuclide Production Cross Section



12

Incident Energy (MeV)

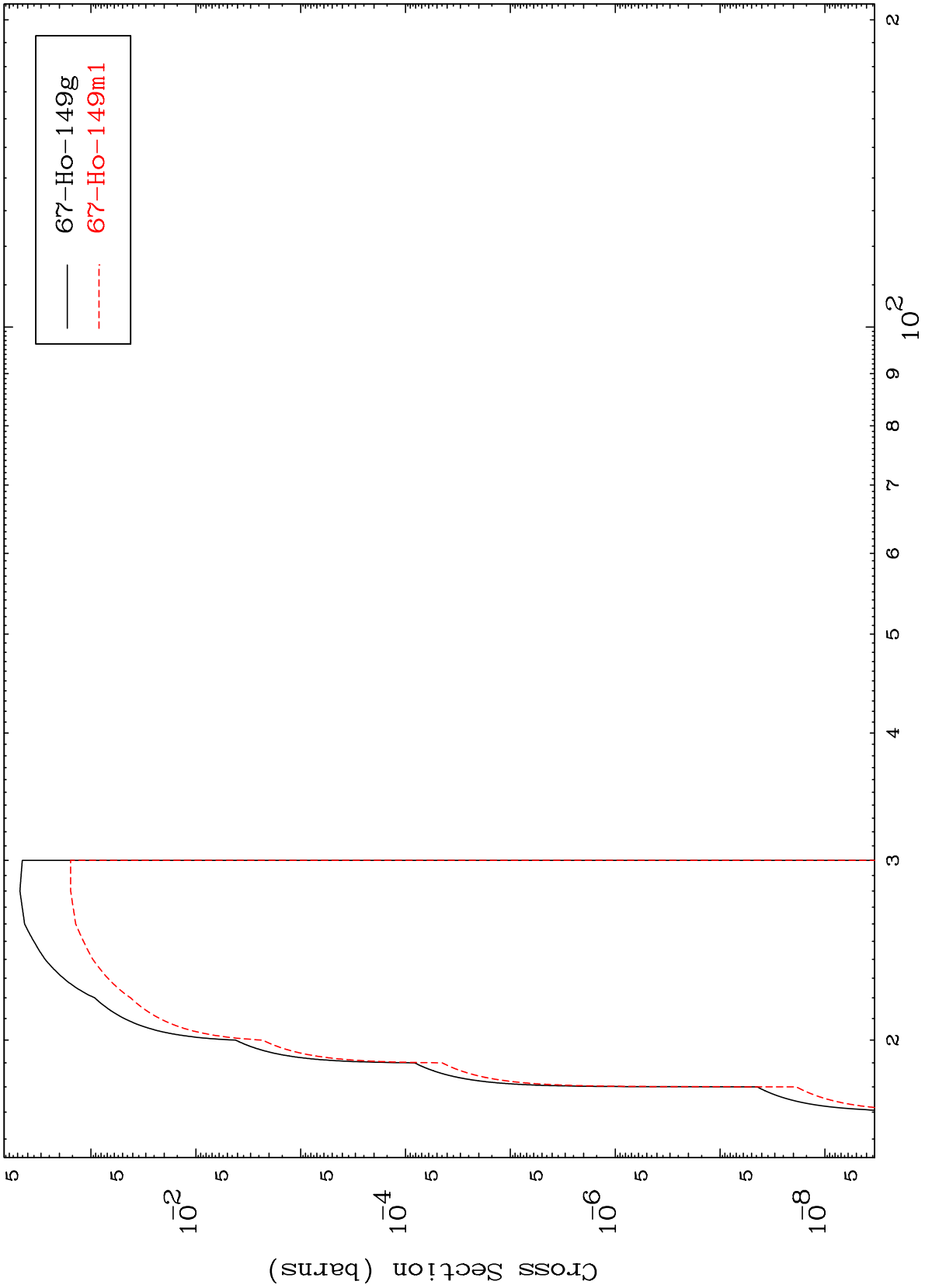
66-Dy-147

MAT 6598

(α, n') p

66-Dy-147

Radionuclide Production Cross Section



13

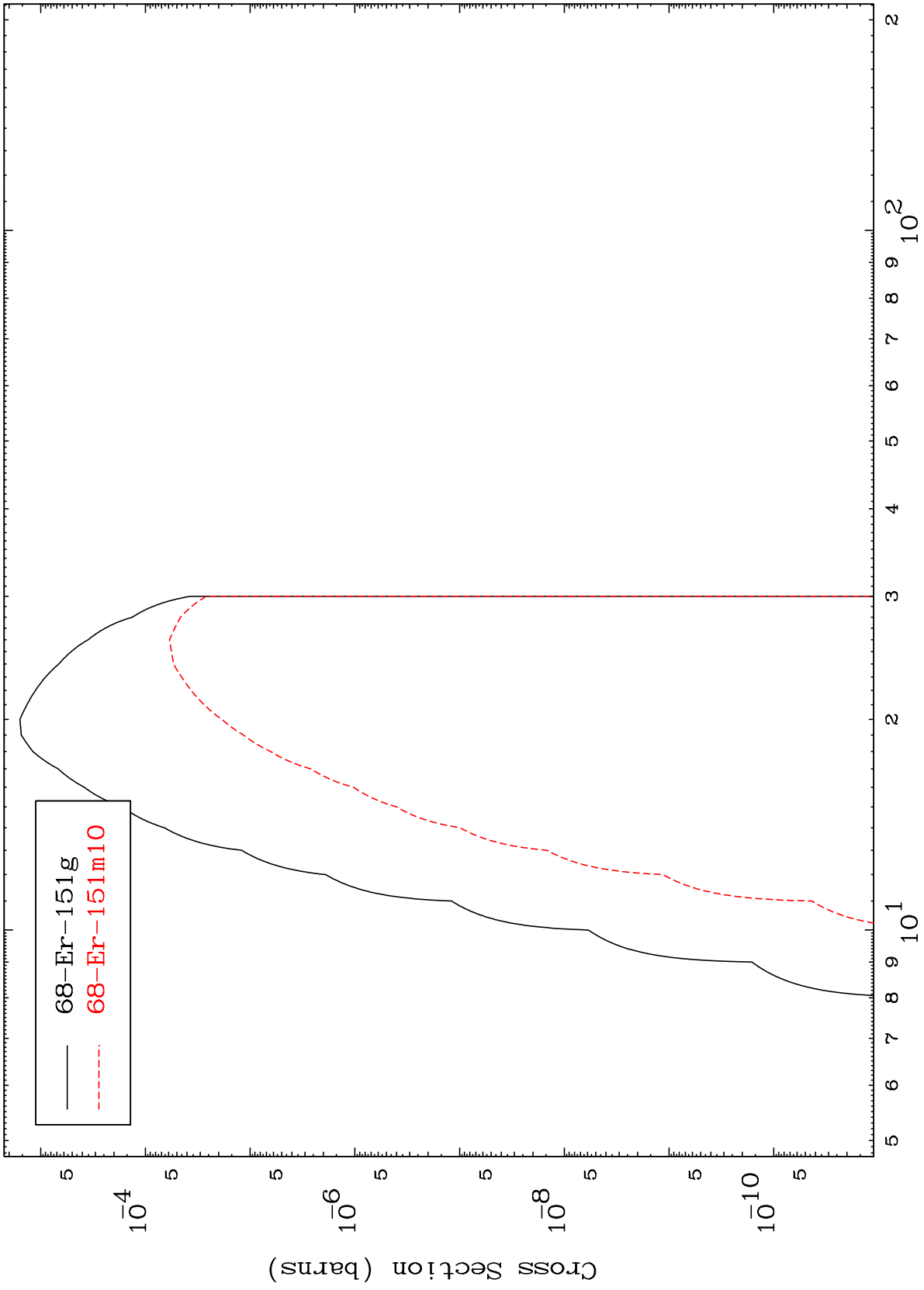
Incident Energy (MeV)

66-Dy-147

MAT 6598

66-Dy-147

(α, γ)
Radionuclide Production Cross Section



14

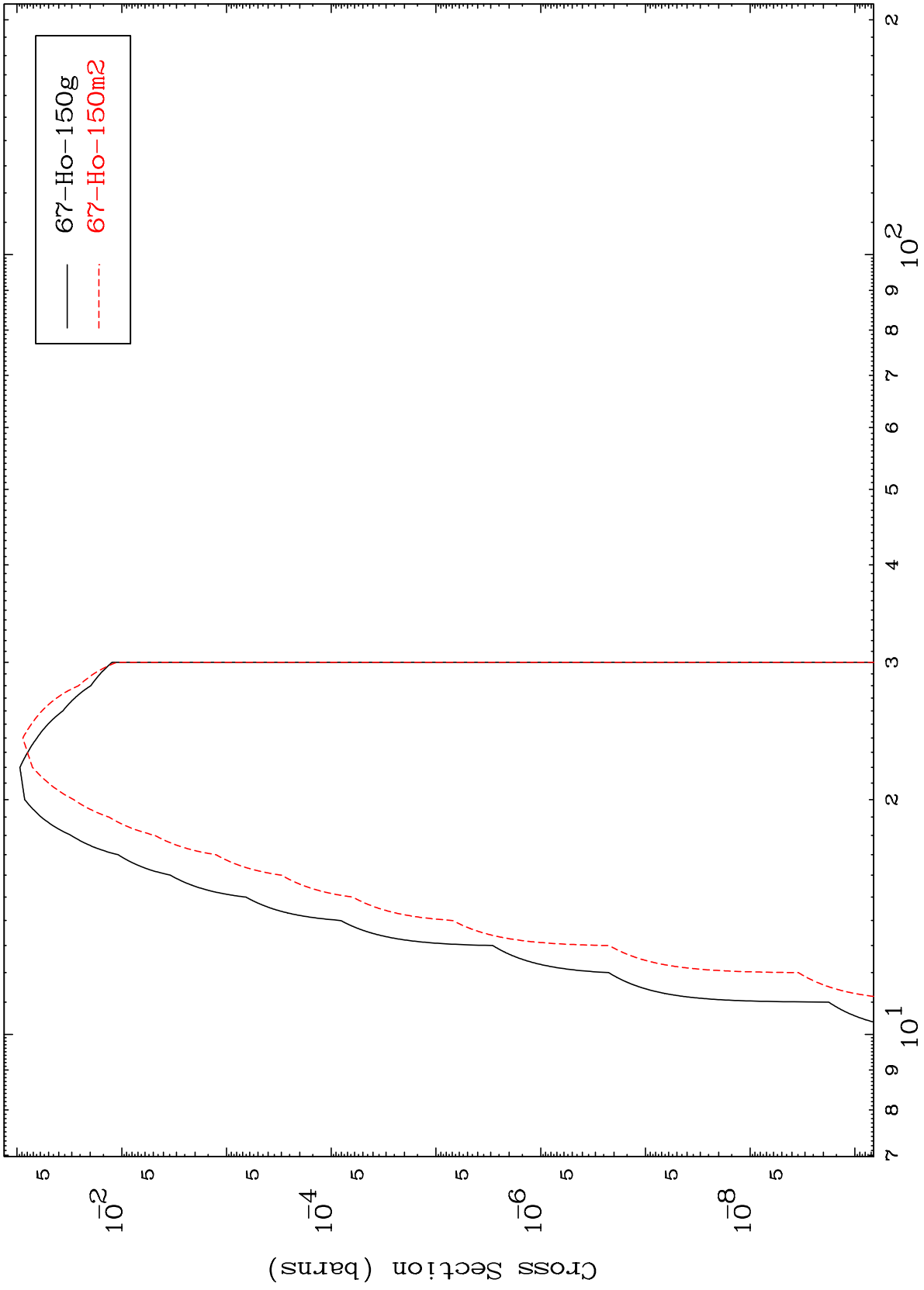
Incident Energy (MeV)

66-Dy-147

MAT 6598

66-Dy-147

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

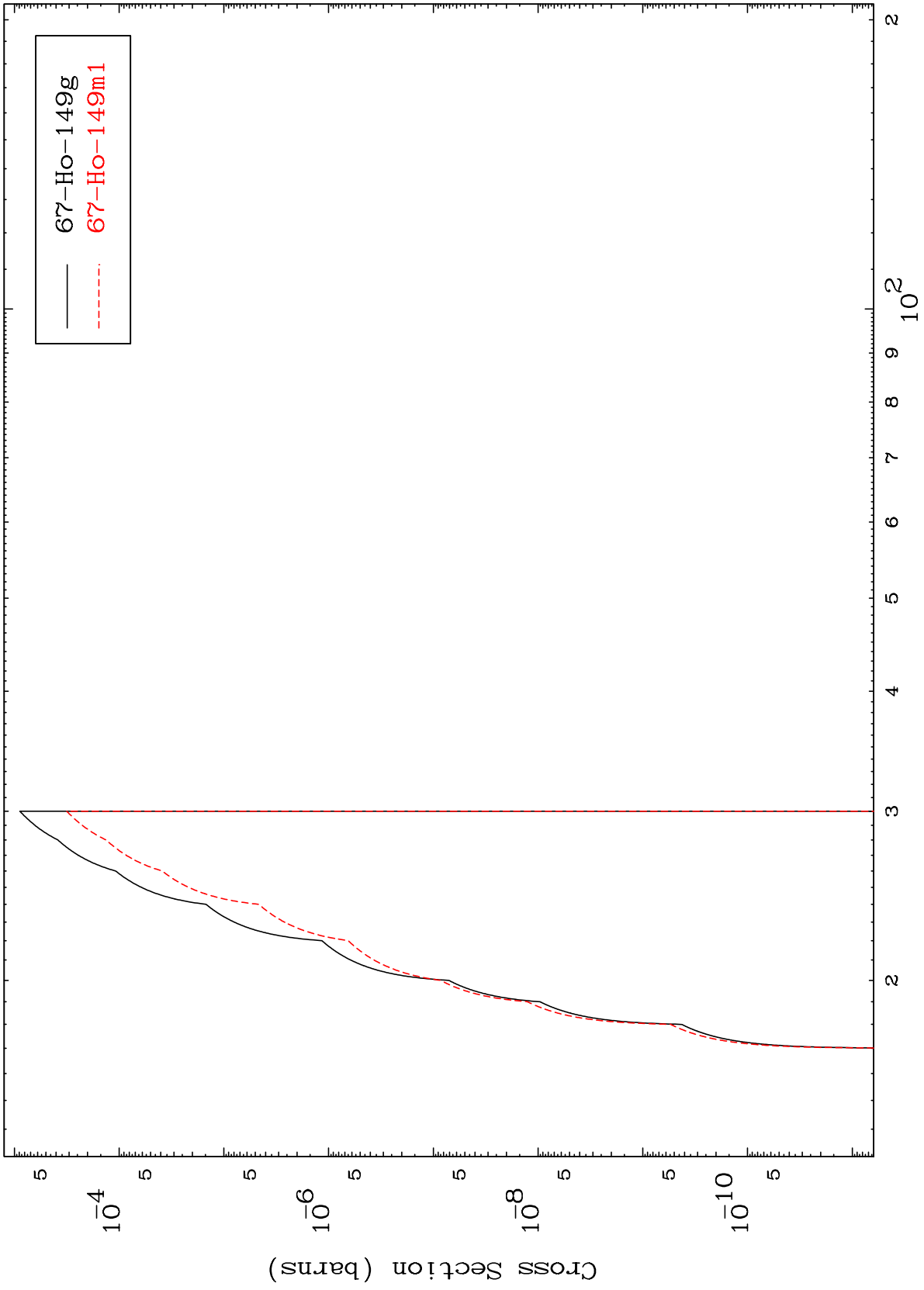
66-Dy-147

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(α, d)

66-Dy-147

Radionuclide Production Cross Section



16

Incident Energy (MeV)

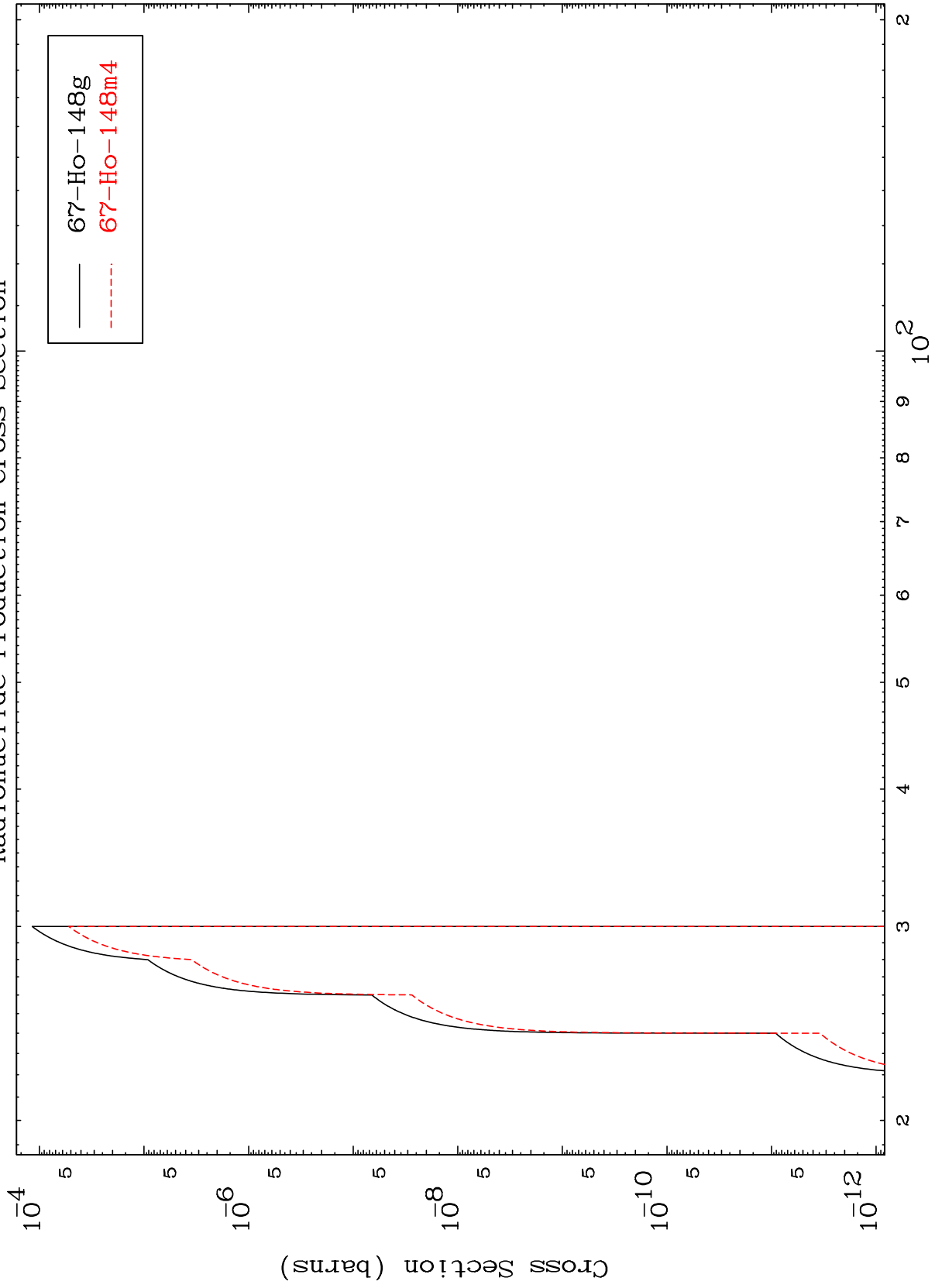
66-Dy-147

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(α, t)

66-Dy-147

Radionuclide Production Cross Section



17

Incident Energy (MeV)

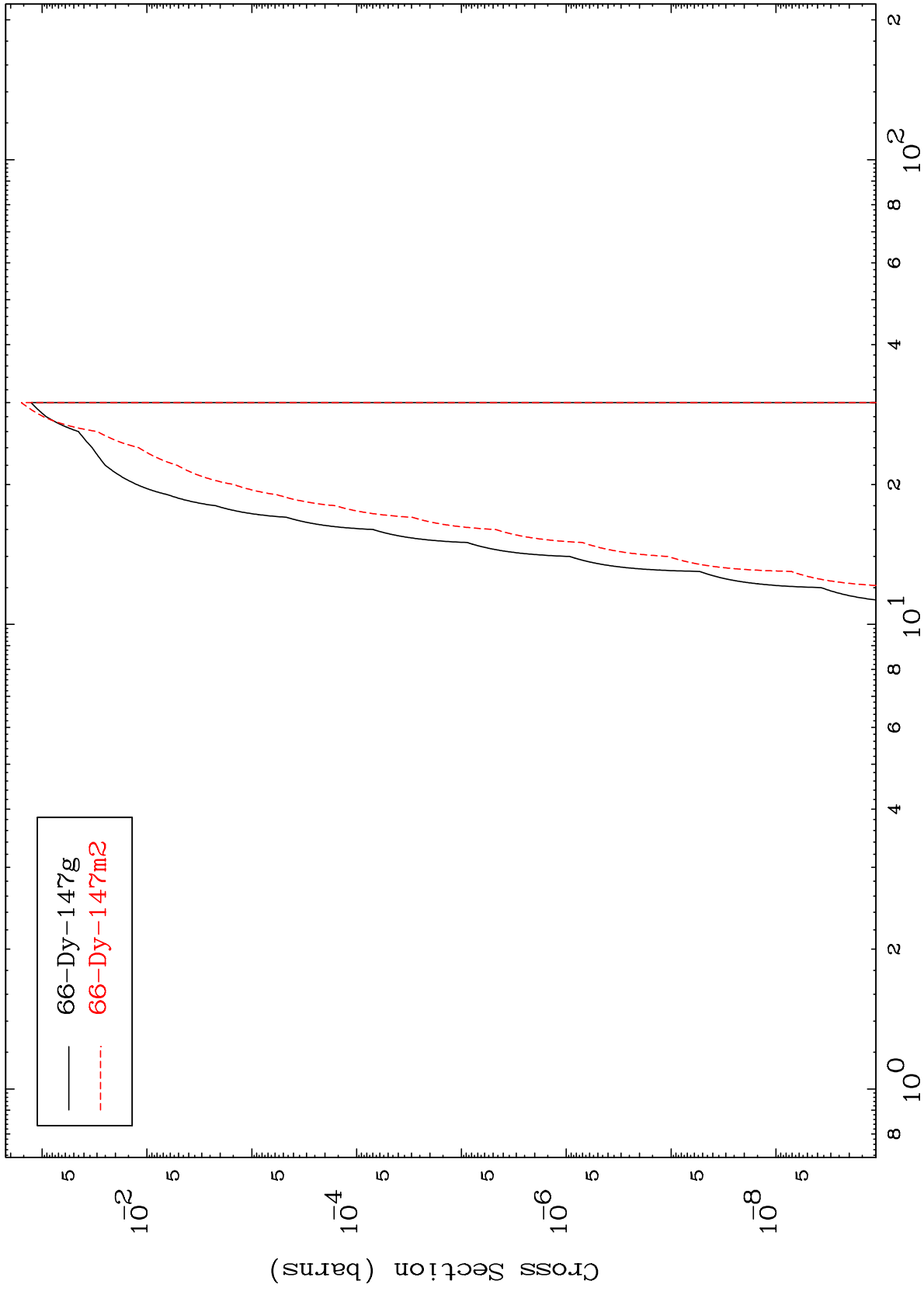
66-Dy-147

MAT 6598

(α, α)

66-Dy-147

Radionuclide Production Cross Section



18

Incident Energy (MeV)

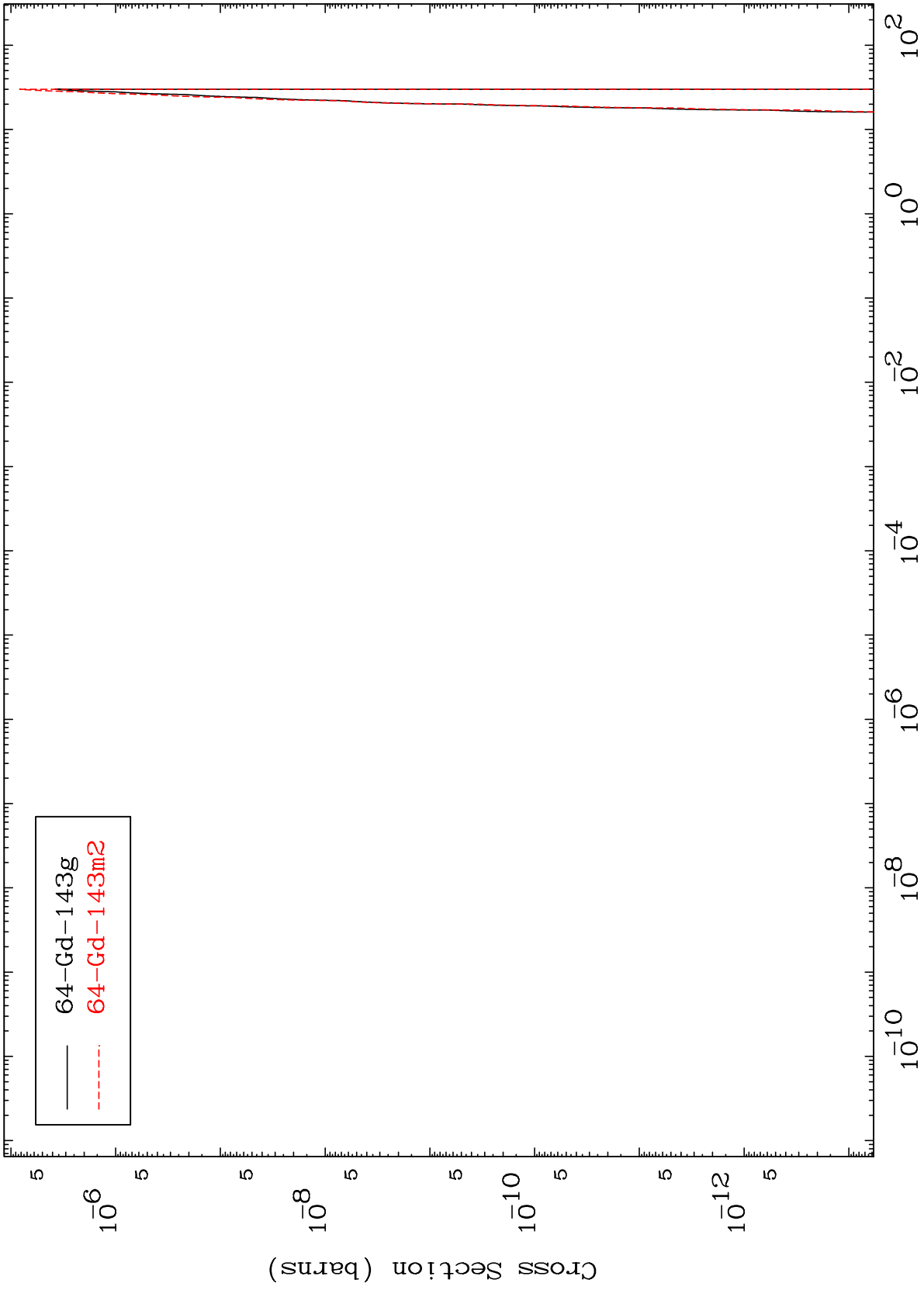
66-Dy-147

MAT 6598

($\alpha, 2\alpha$)

66-Dy-147

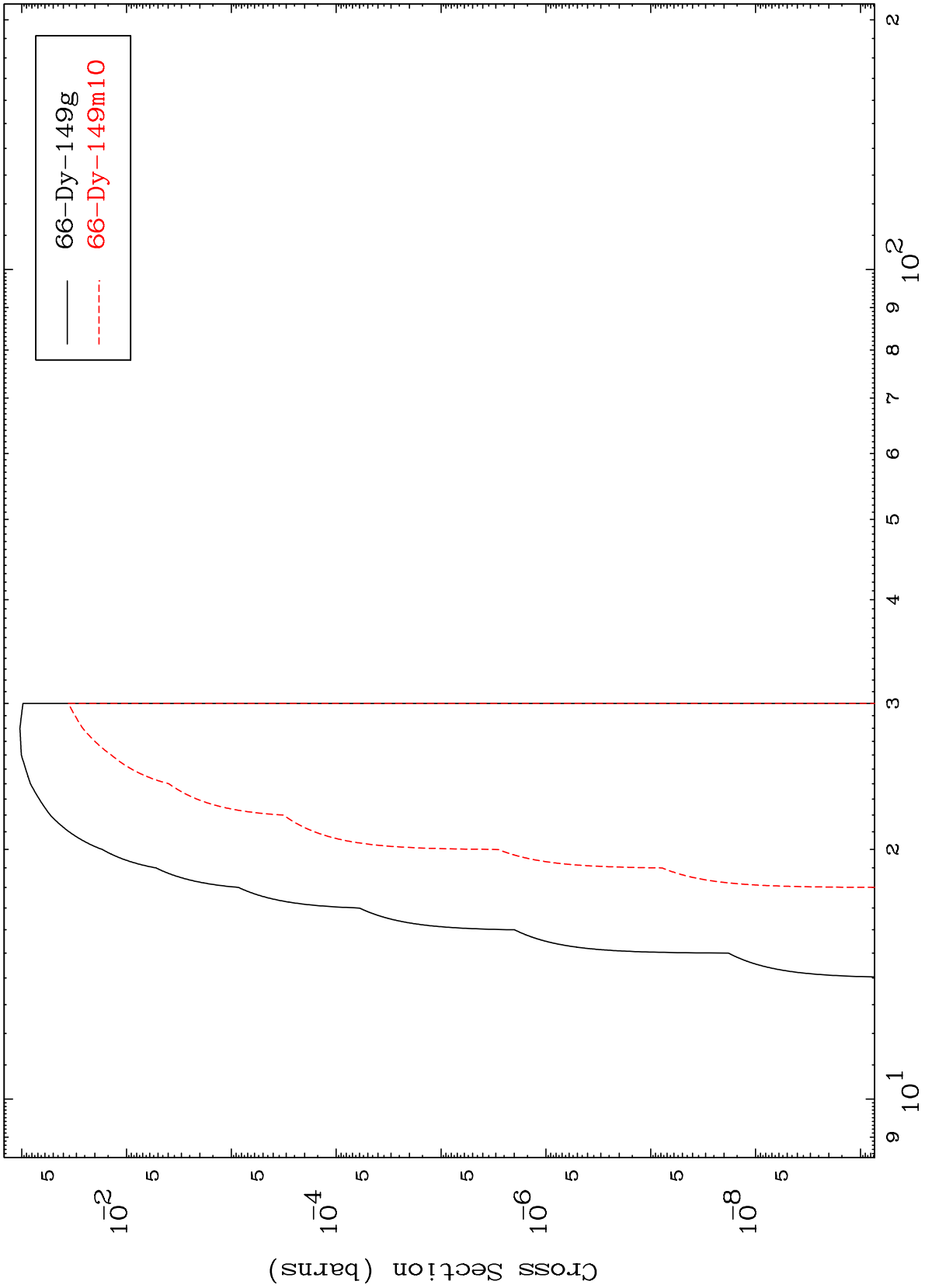
Radionuclide Production Cross Section



MAT 6598

66-Dy-147

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



20

Incident Energy (MeV)

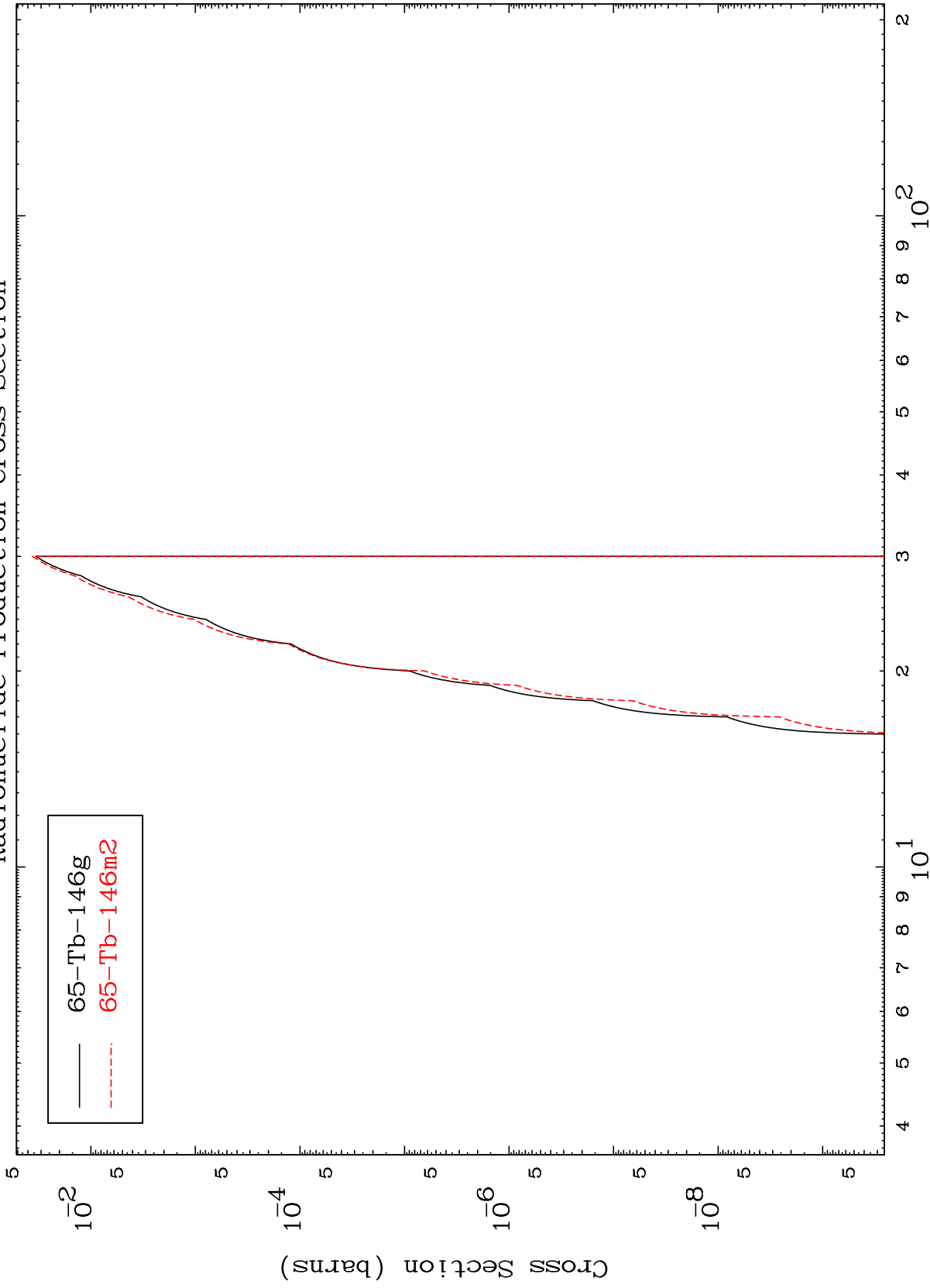
66-Dy-147

MAT 6598

(α, p) α

66-Dy-147

Radionuclide Production Cross Section



21

Incident Energy (MeV)

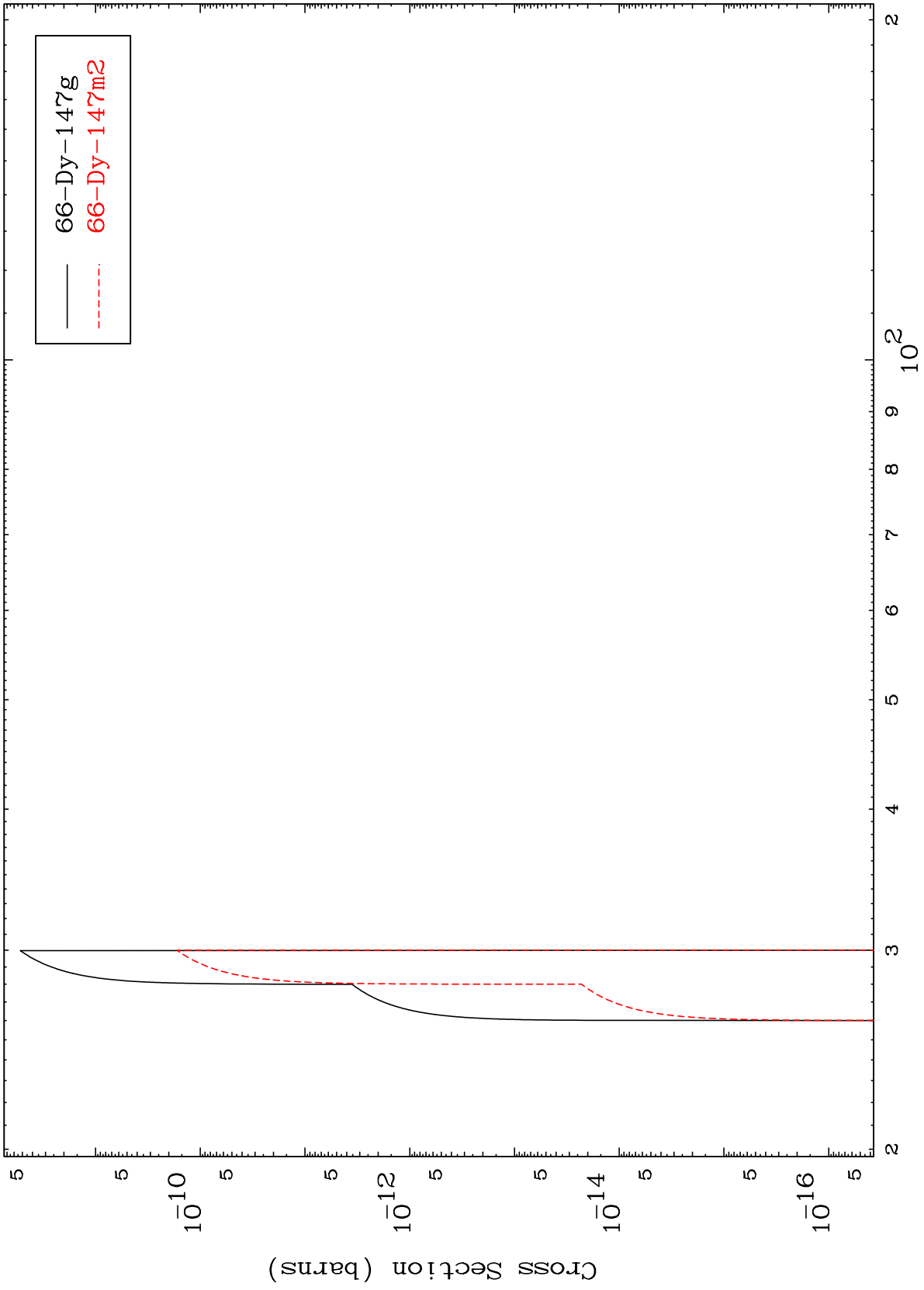
66-Dy-147

MAT 6598

(α, p) t

⁶⁶Dy-147

Radionuclide Production Cross Section



22

Incident Energy (MeV)

⁶⁶Dy-147