

Program EVALPLOT
(Version 2018-1)

by

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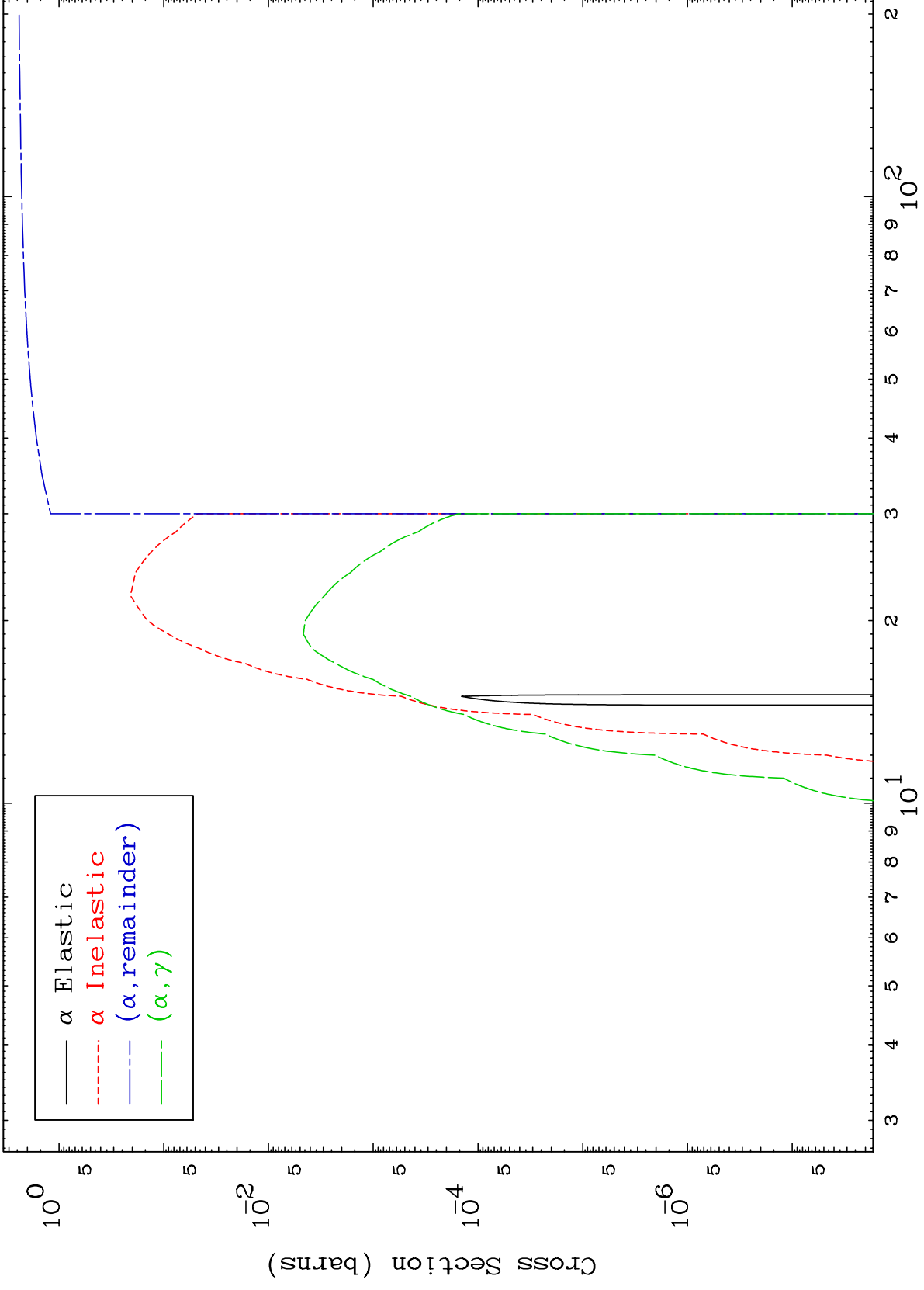
Press Mouse Button to Start

MAT 6599

α Major

66-Dy-147

0 Kelvin Cross Sections



1

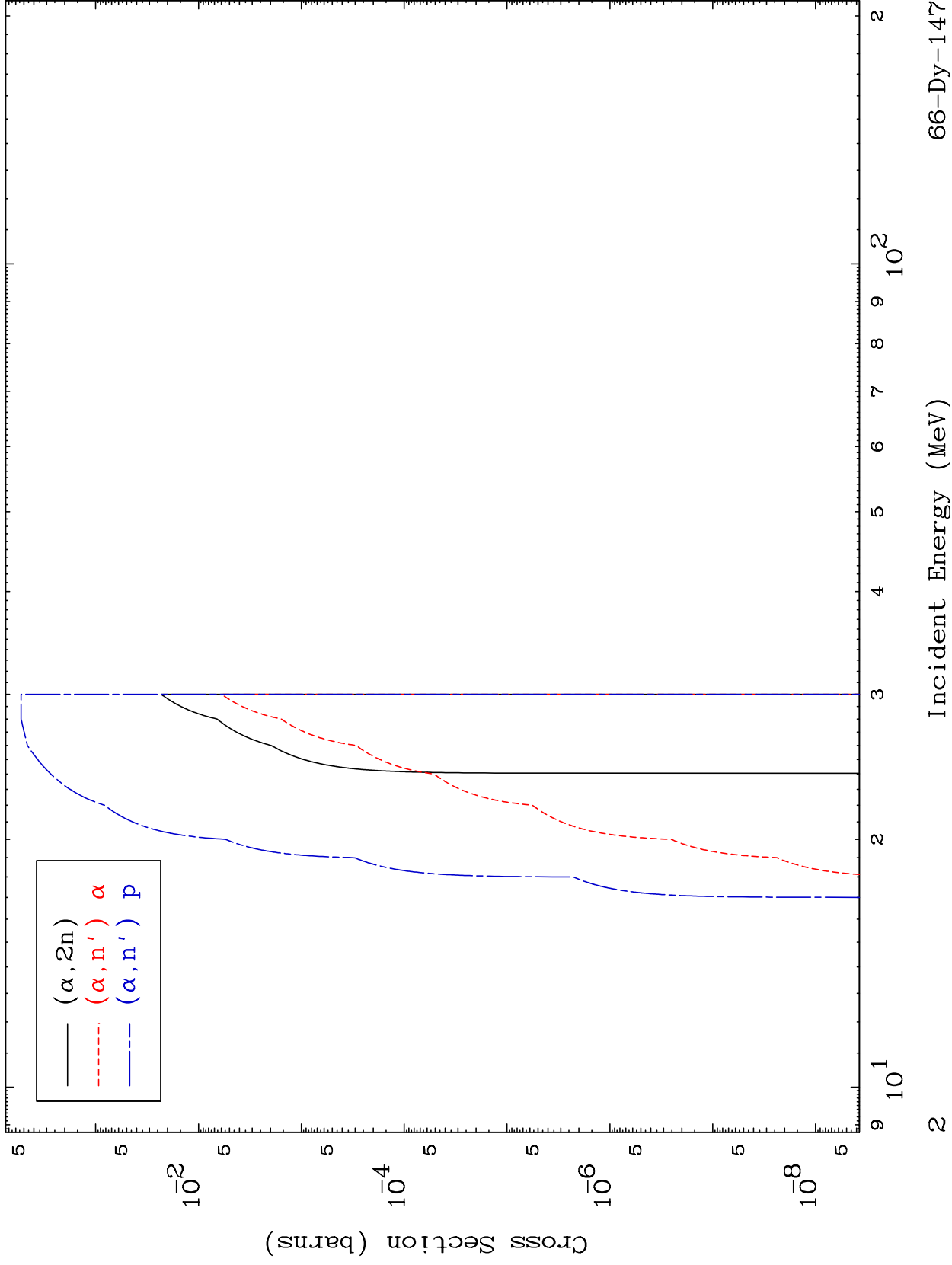
Incident Energy (MeV)

66-Dy-147

MAT 6599

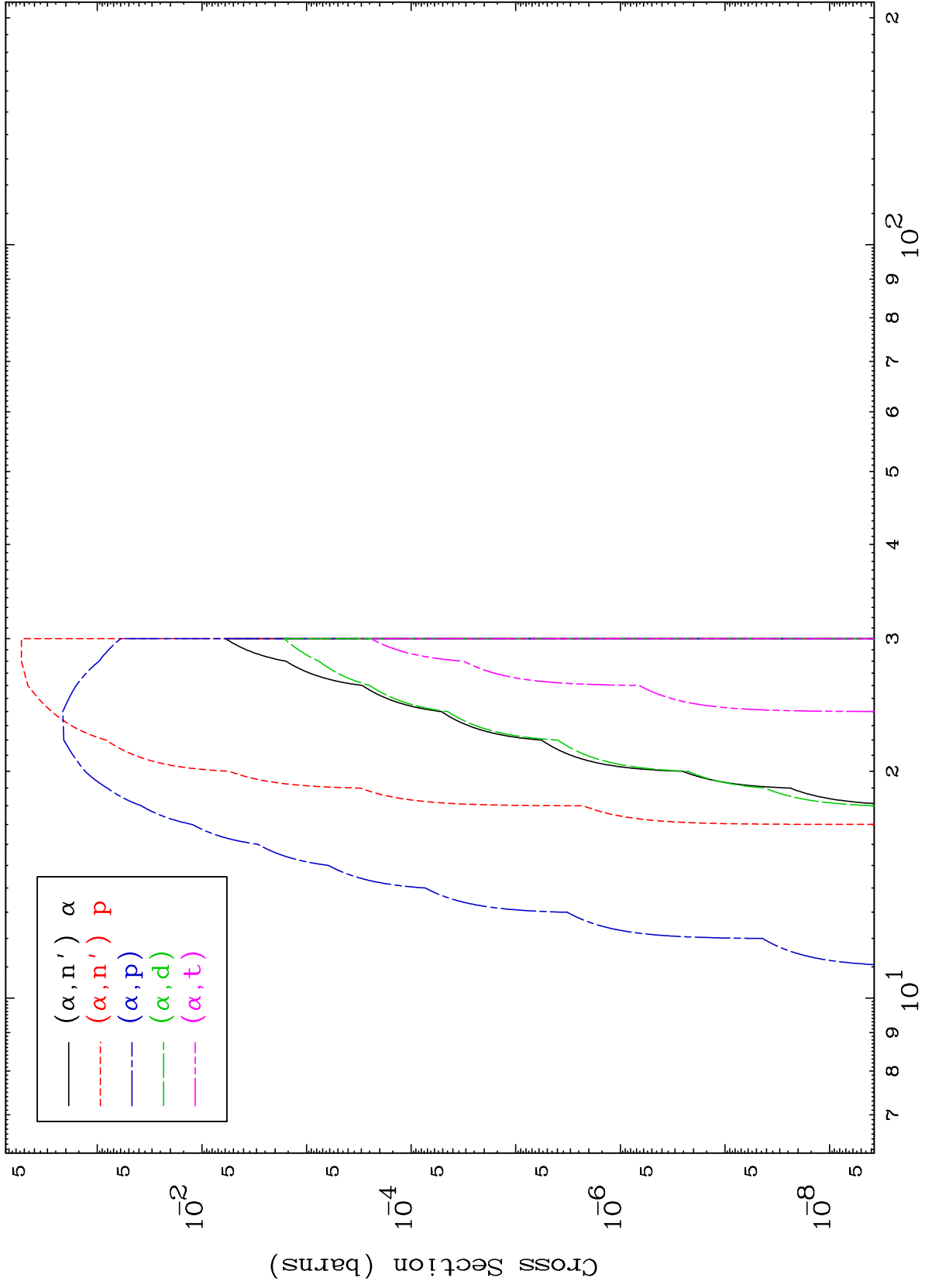
α Neutron Production
0 Kelvin Cross Sections

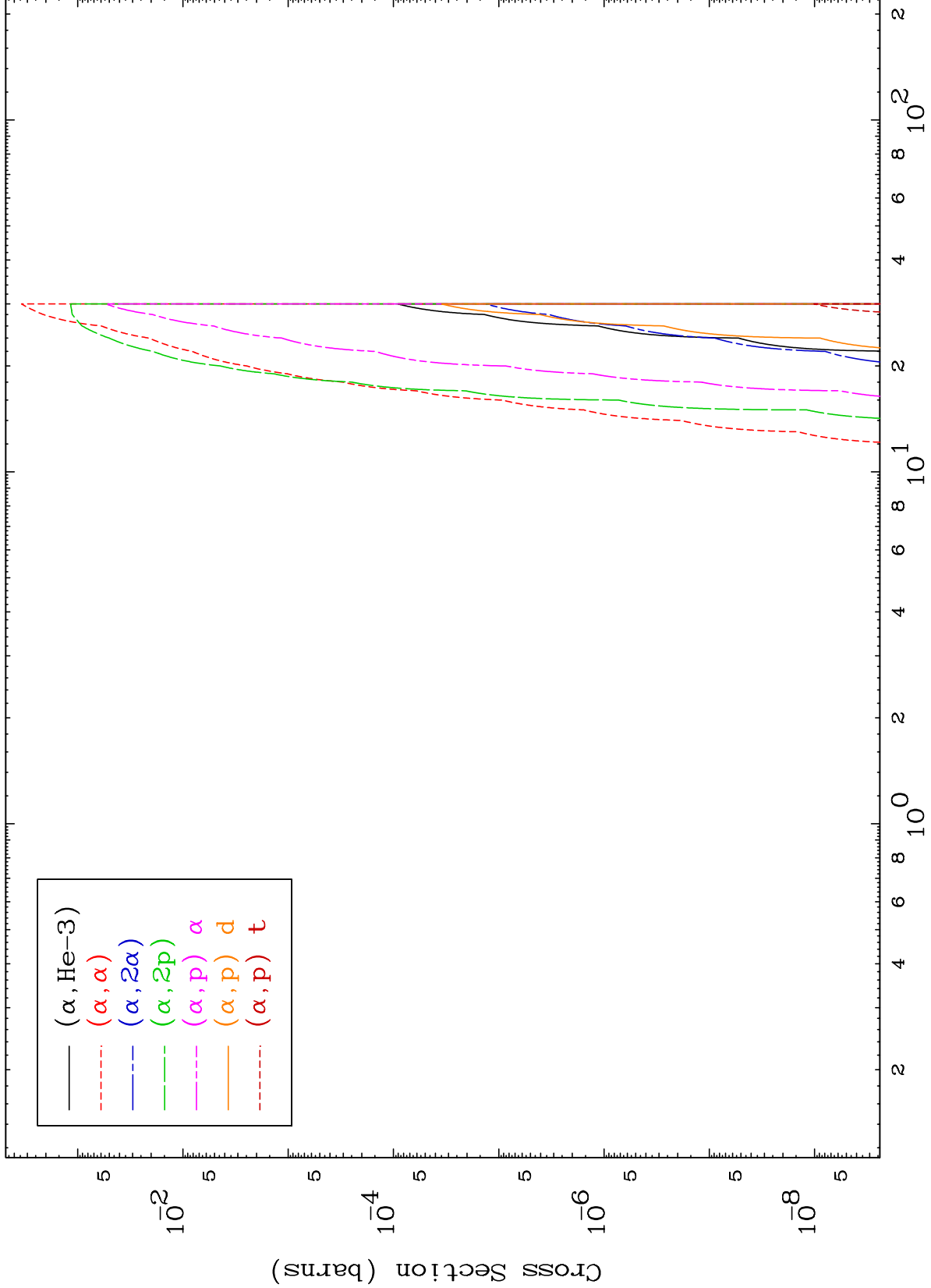
66-Dy-147



Incident Energy (MeV)

66-Dy-147



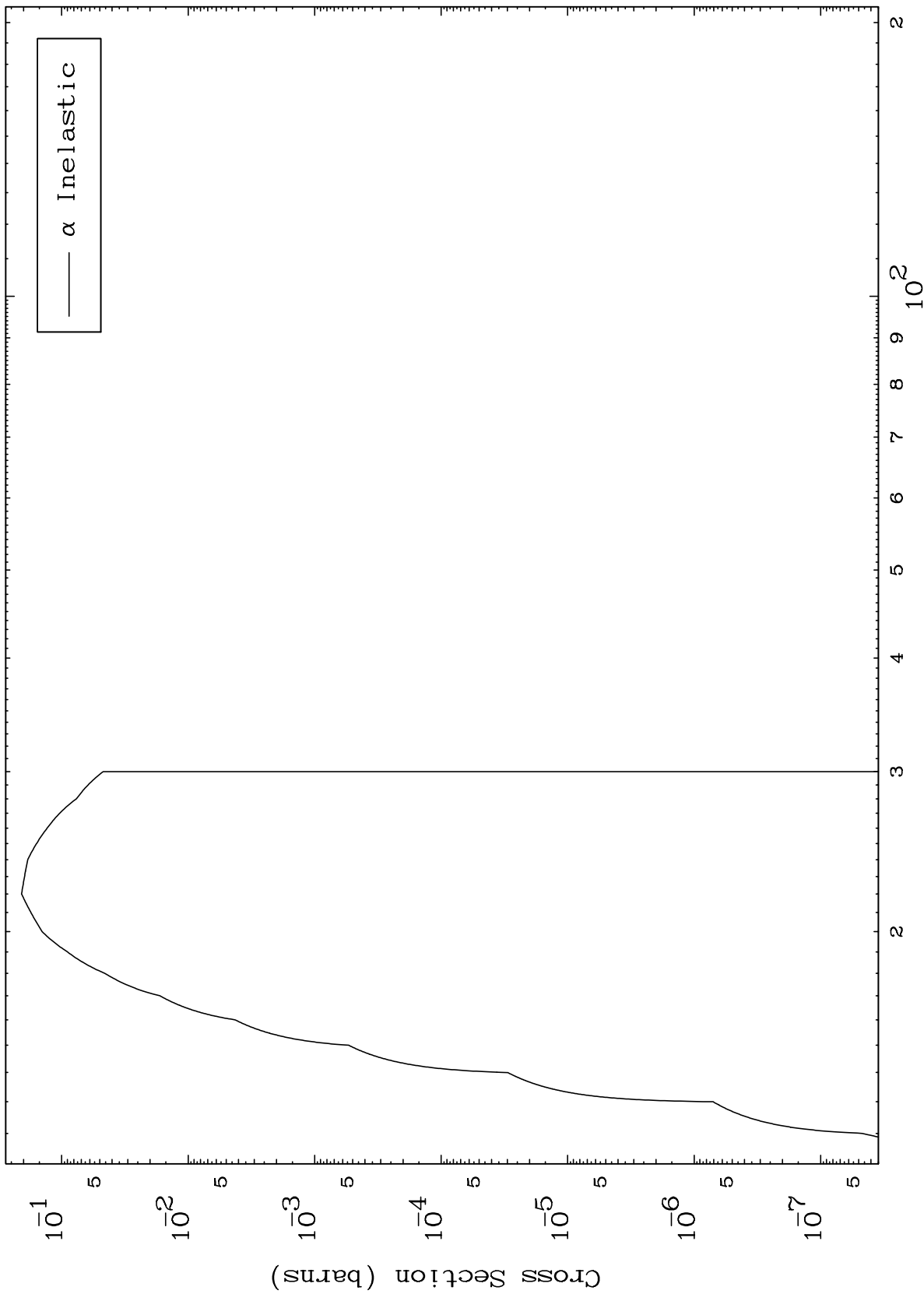


MAT 6599

(α, n') Level

66-Dy-147

0 Kelvin Cross Sections



5

Incident Energy (MeV)

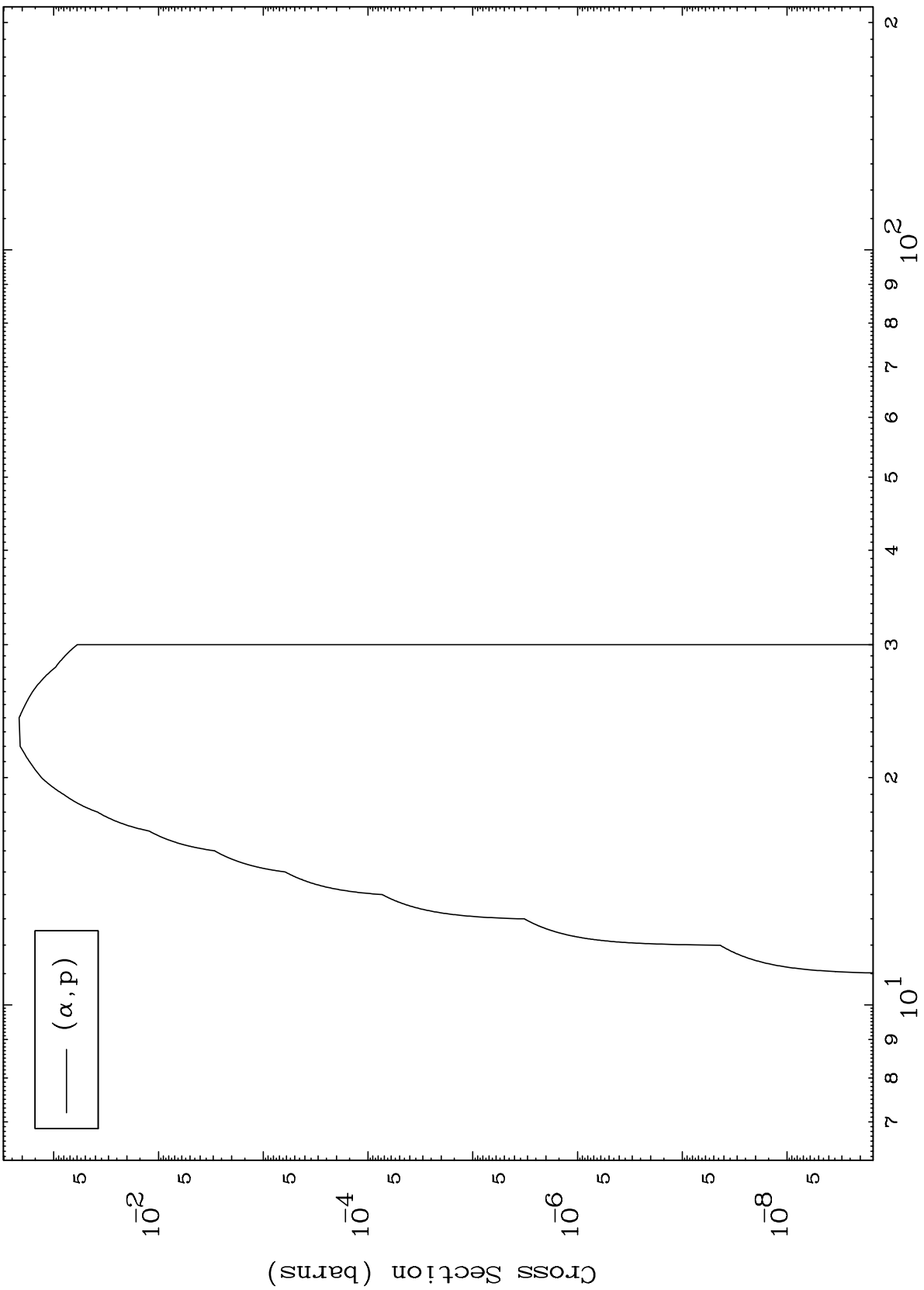
66-Dy-147

MAT 6599

(α, p) Levels

66-Dy-147

0 Kelvin Cross Sections



6

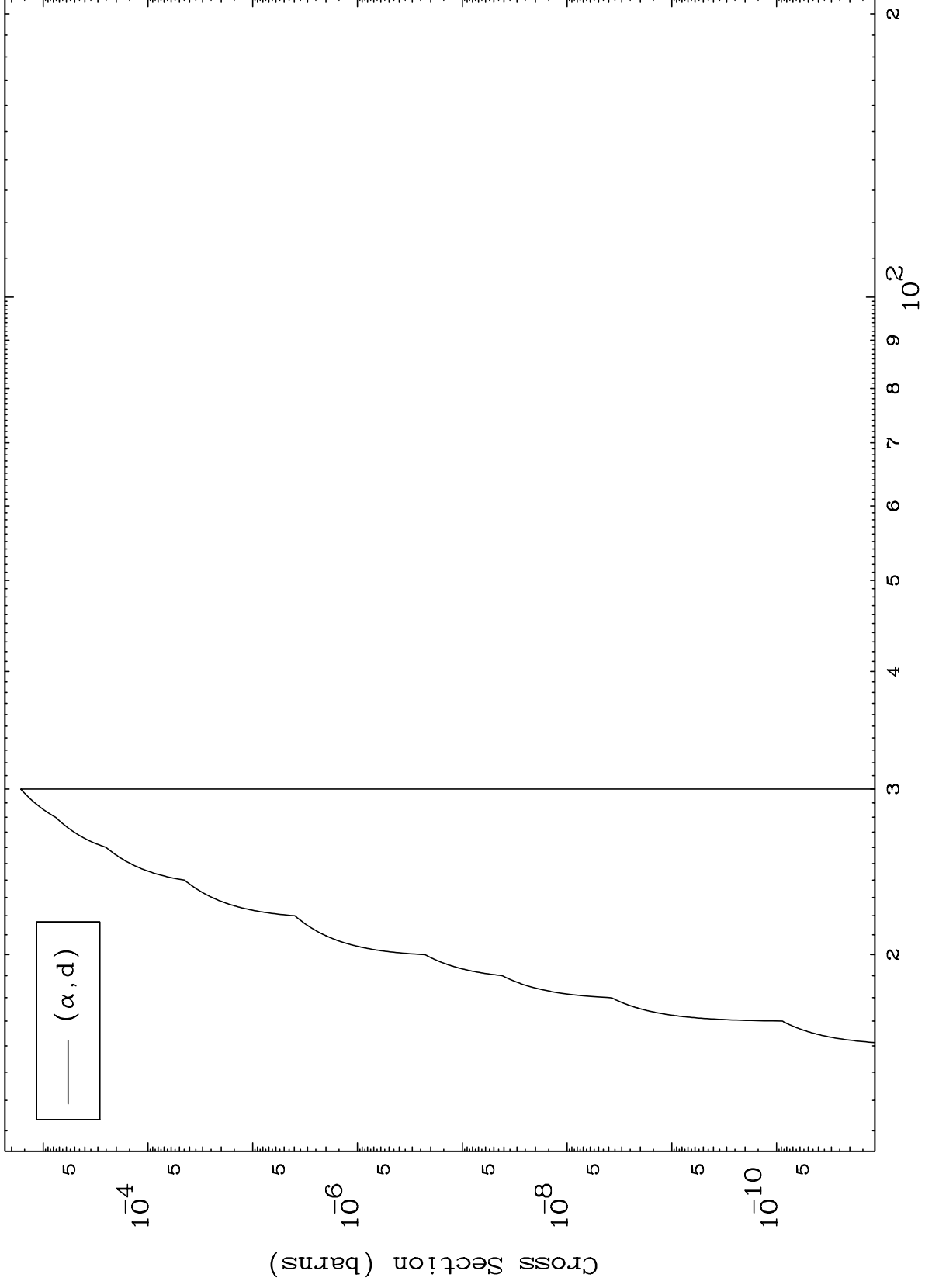
Incident Energy (MeV)

66-Dy-147

MAT 6599

(α, d) Levels
0 Kelvin Cross Sections

66-Dy-147



7

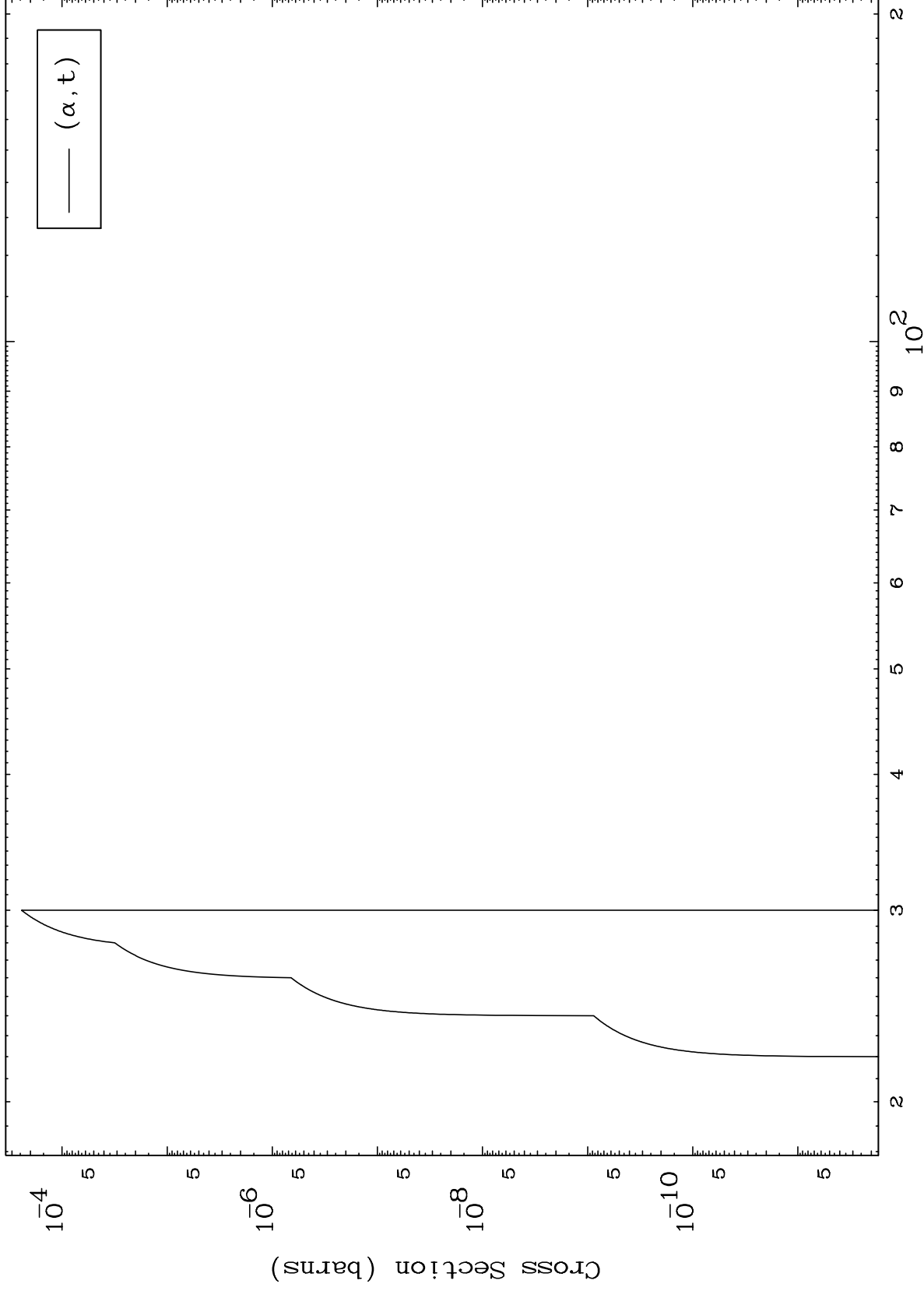
Incident Energy (MeV)

66-Dy-147

MAT 6599

(α, t) Levels
0 Kelvin Cross Sections

66-Dy-147



8

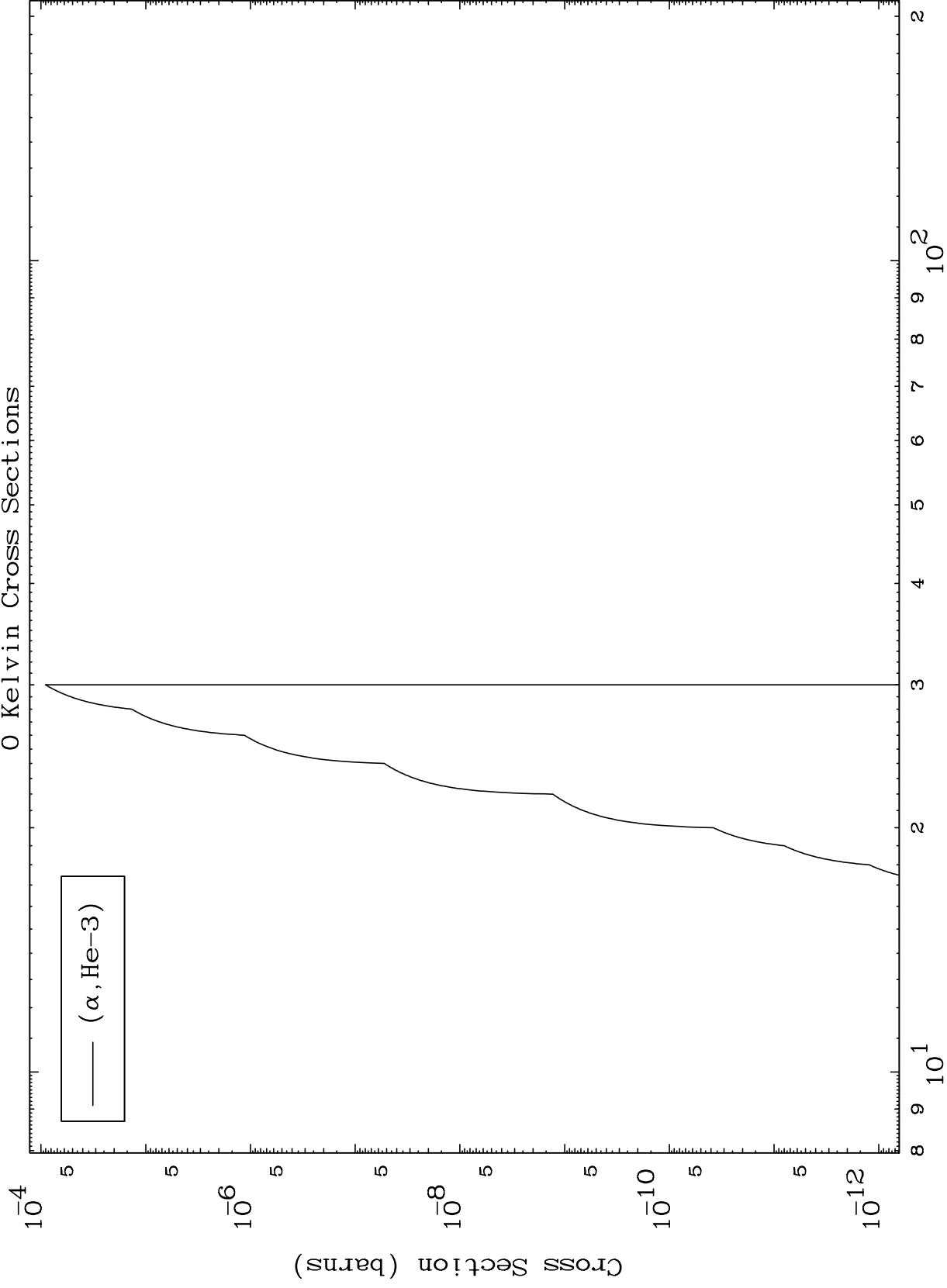
Incident Energy (MeV)

66-Dy-147

MAT 6599

(α , He3) Levels
0 Kelvin Cross Sections

66-Dy-147



9

Incident Energy (MeV)

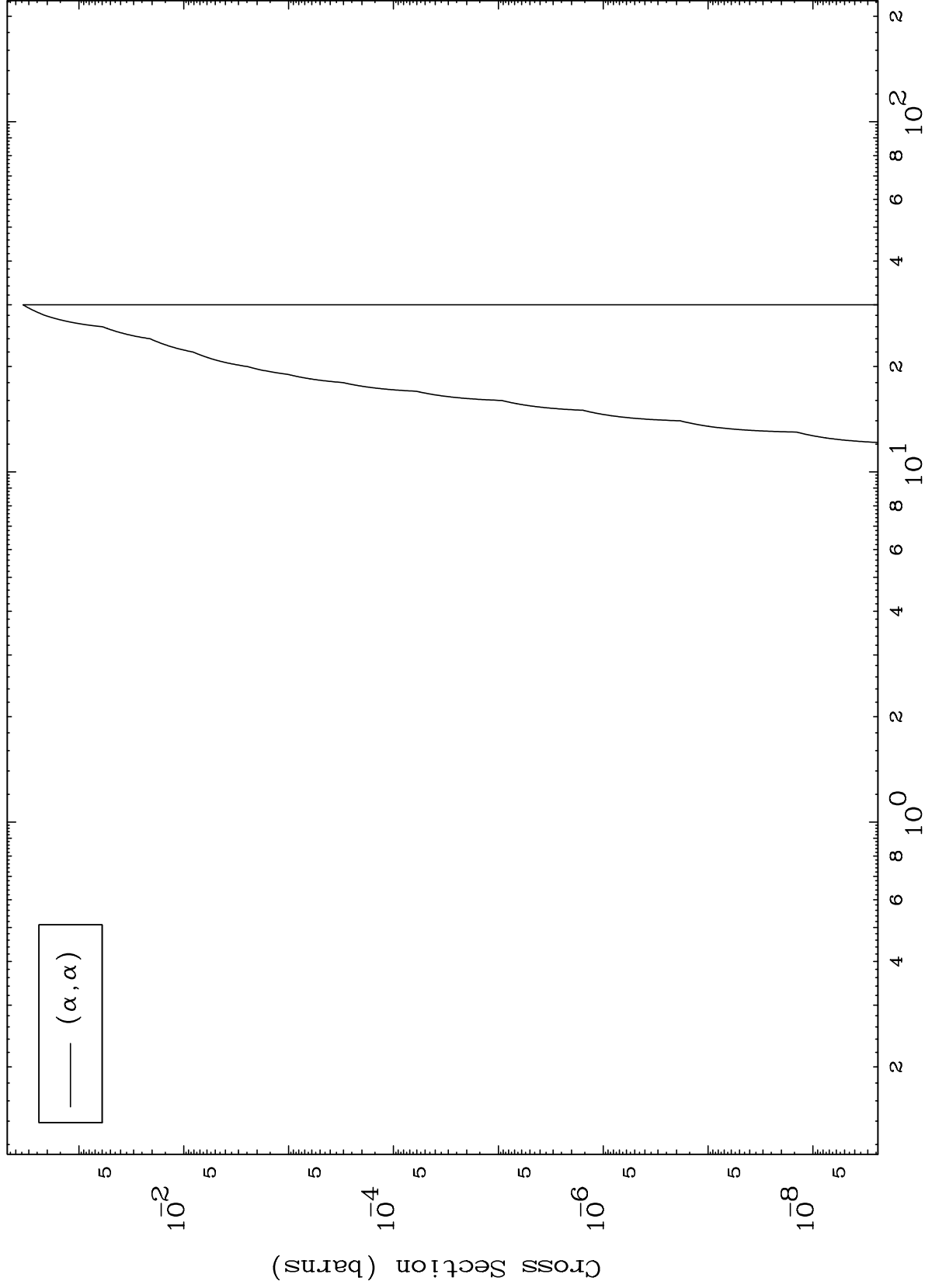
66-Dy-147

MAT 6599

(α, α) Levels

66-Dy-147

0 Kelvin Cross Sections



10

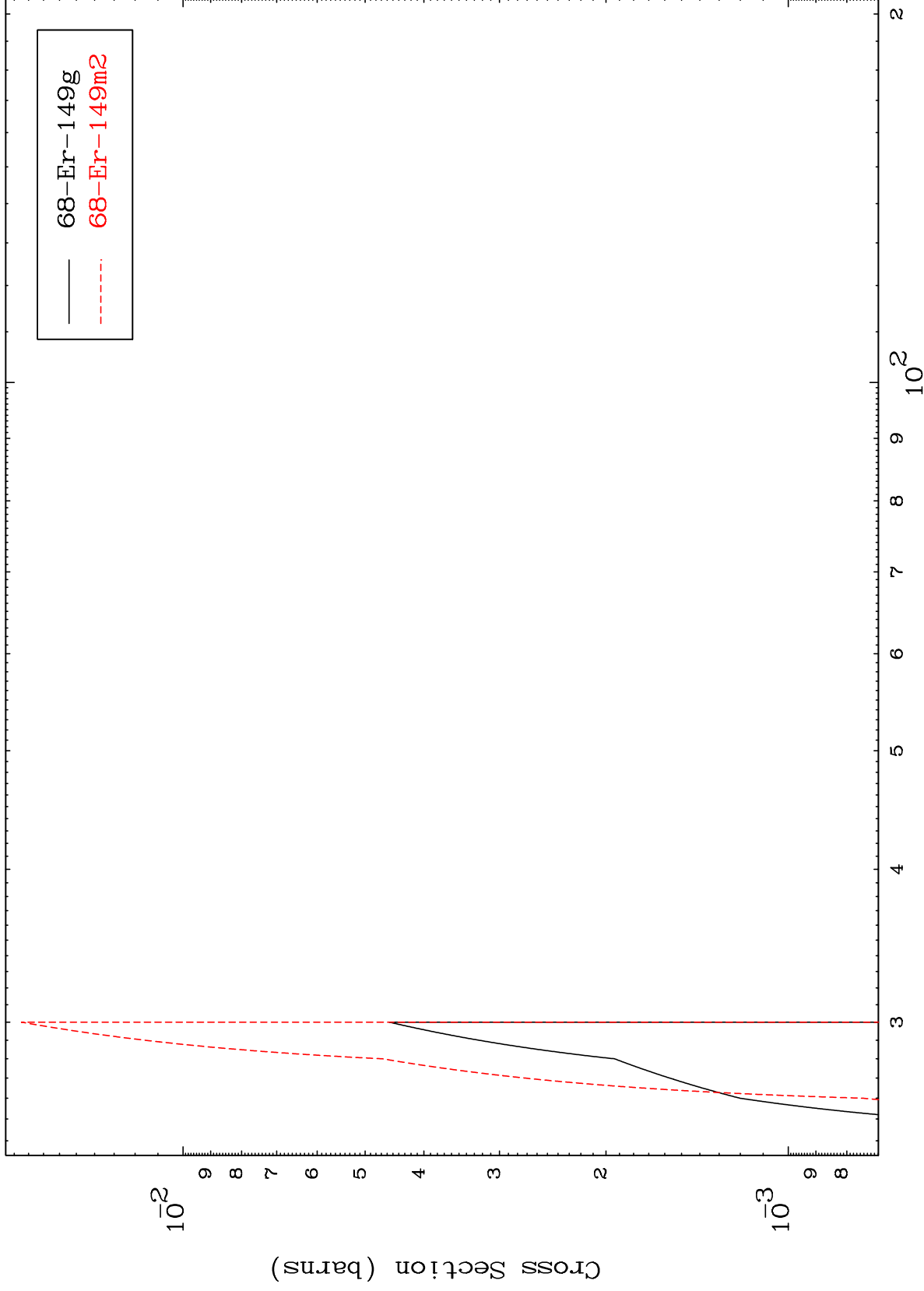
Incident Energy (MeV)

66-Dy-147

MAT 6599

66-Dy-147

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



11

Incident Energy (MeV)

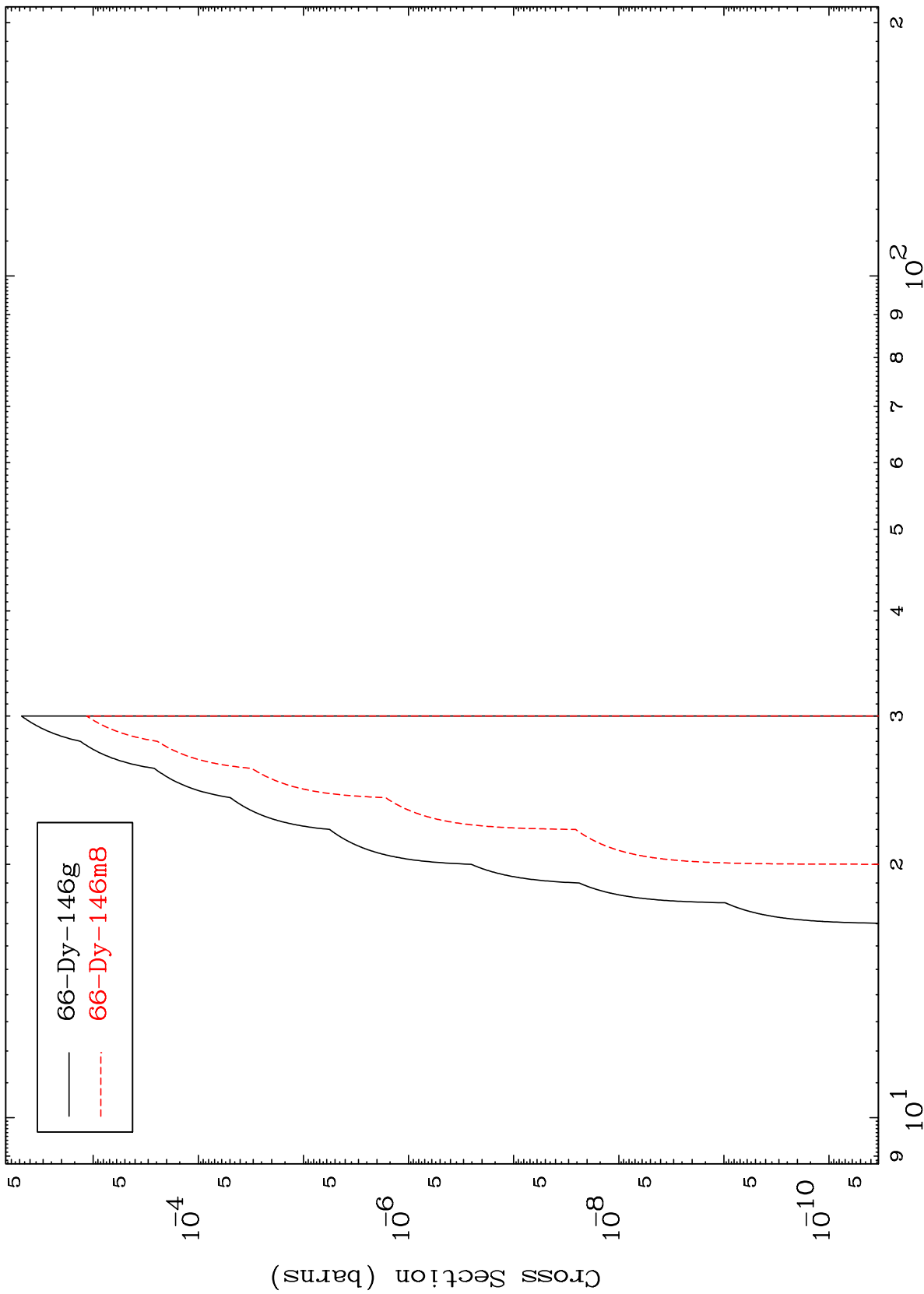
66-Dy-147

MAT 6599

66-Dy-147

(α, n') α

Radionuclide Production Cross Section

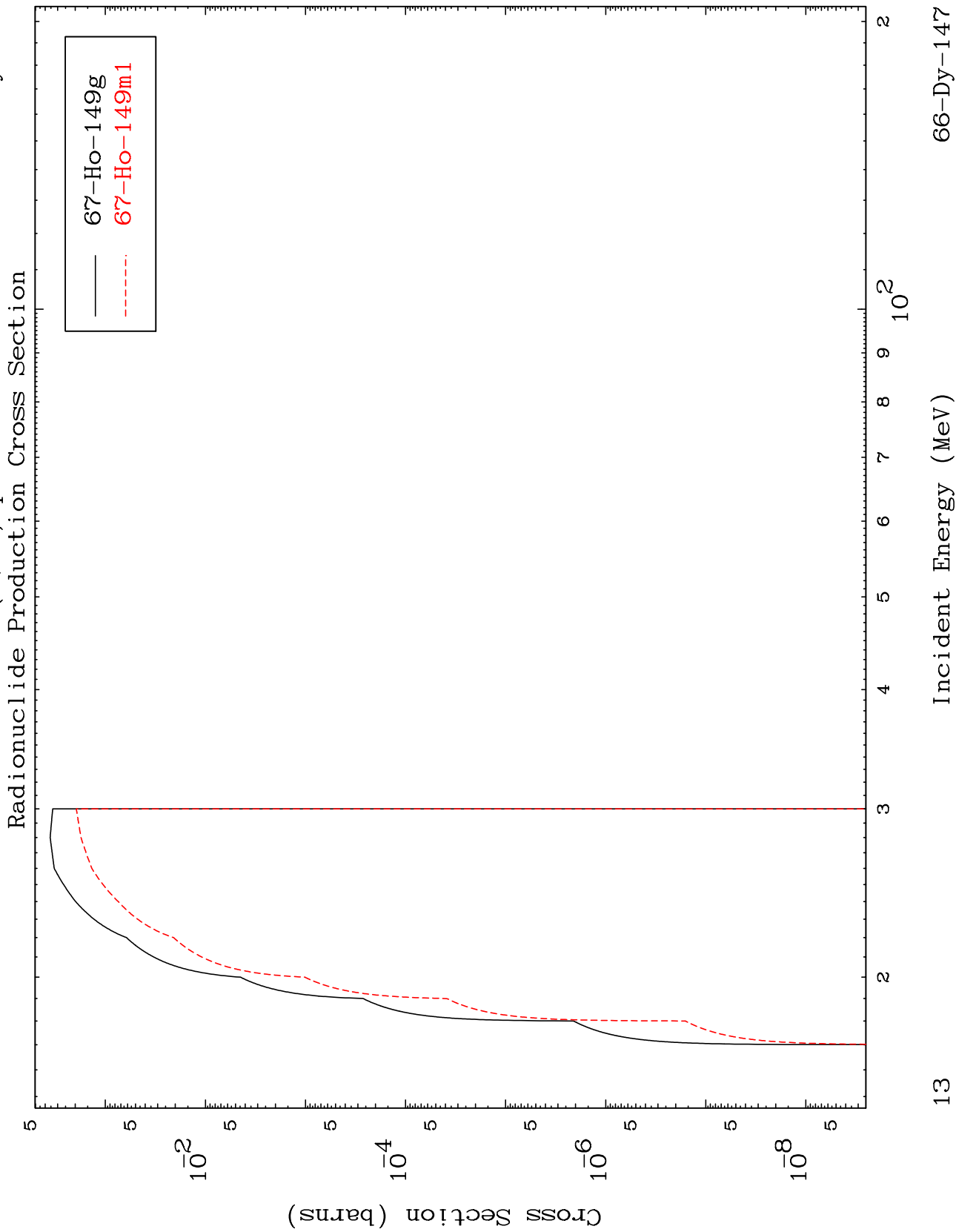


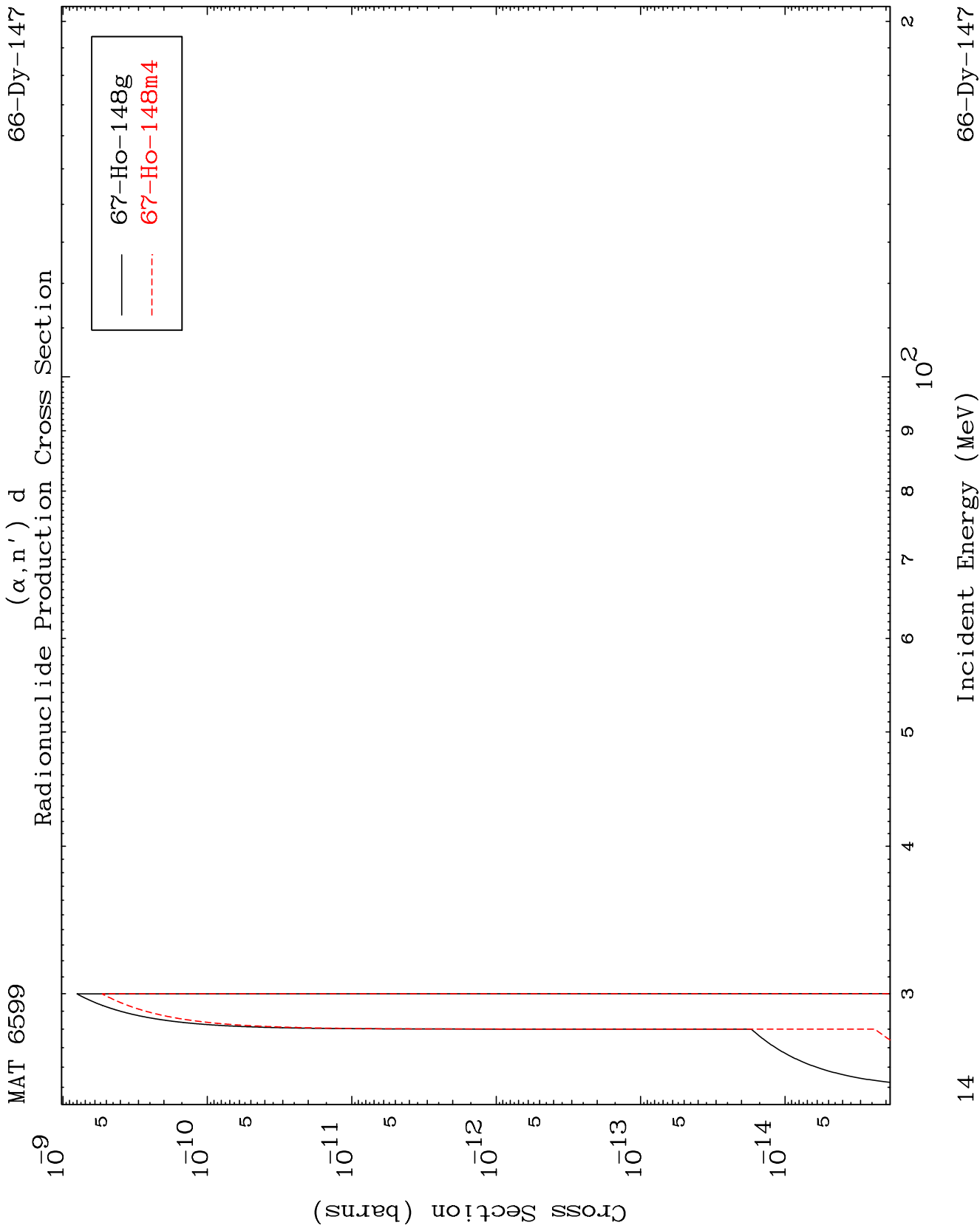
66-Dy-146g
66-Dy-146m8

66-Dy-147

Incident Energy (MeV)

12

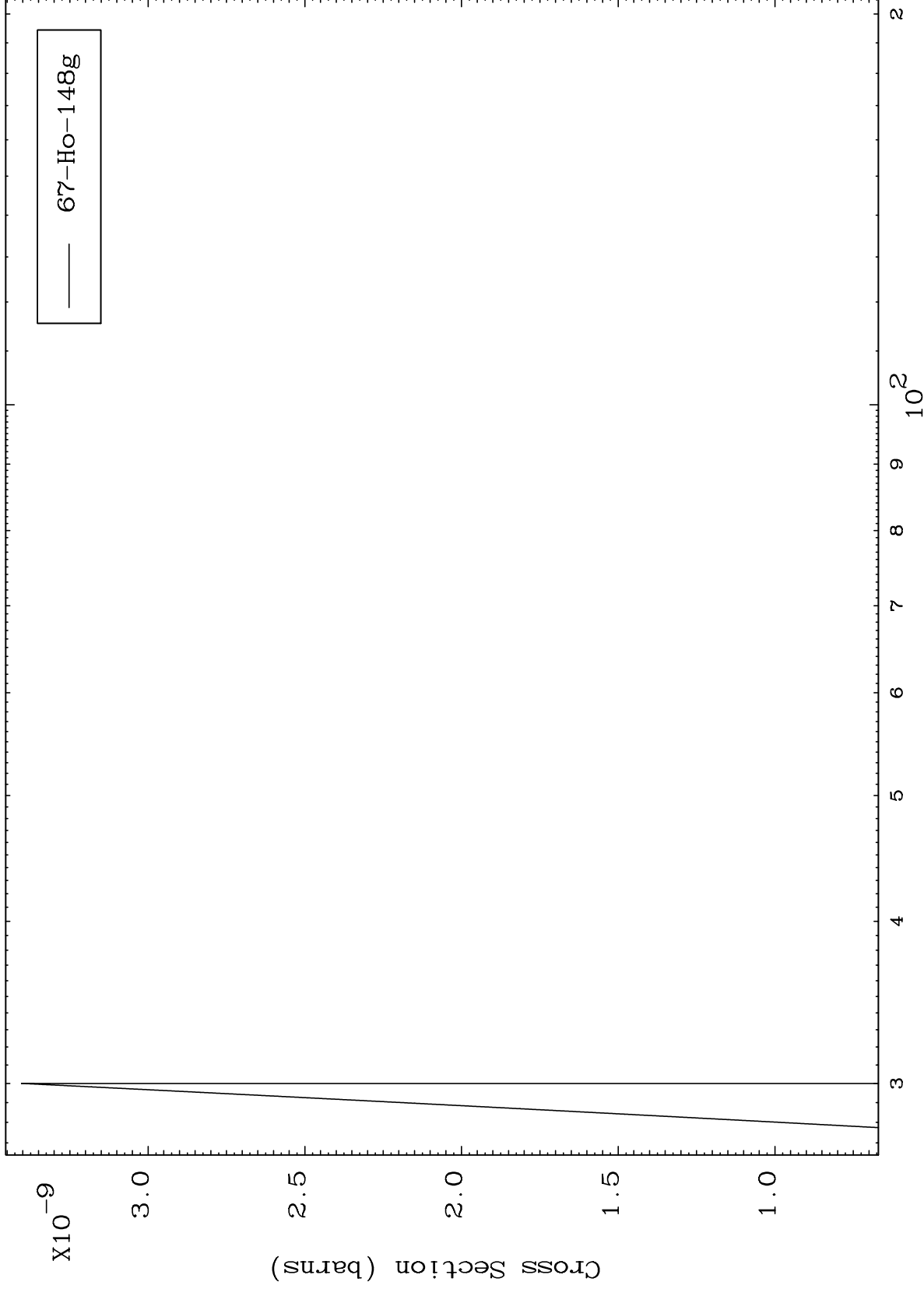




MAT 6599

66-Dy-147

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



15

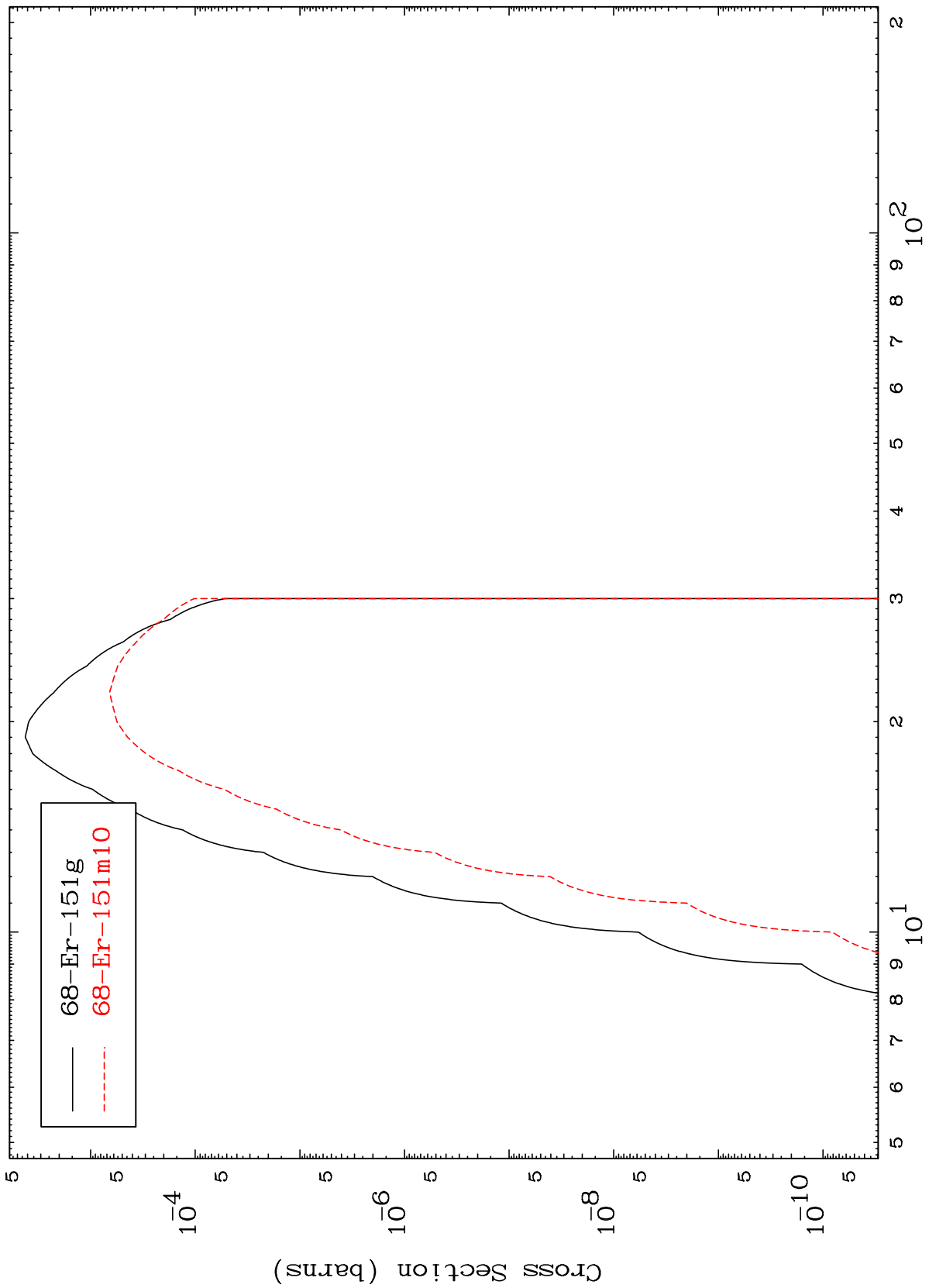
Incident Energy (MeV)

66-Dy-147

MAT 6599

66-Dy-147

(α, γ)
Radionuclide Production Cross Section



16

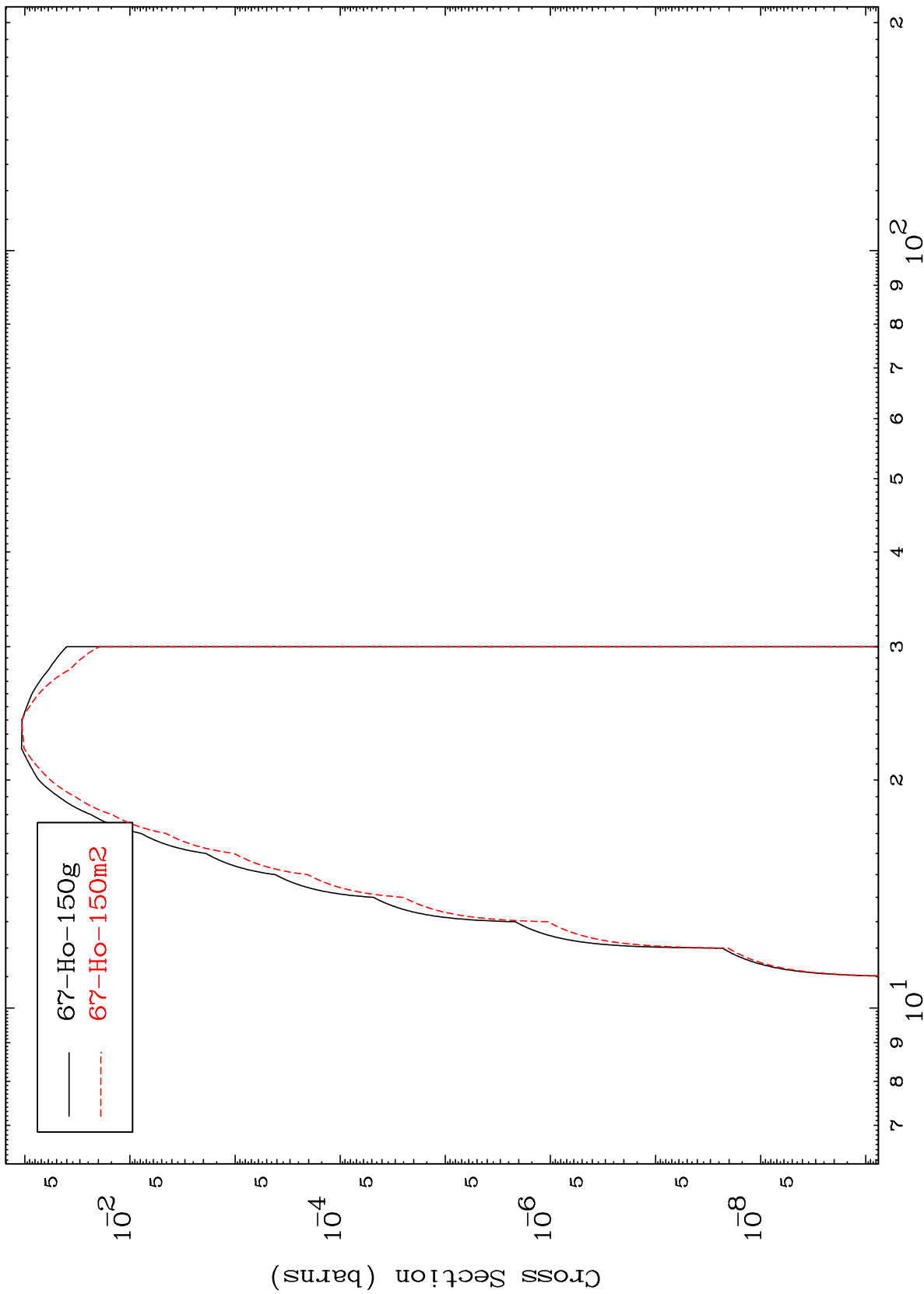
Incident Energy (MeV)

66-Dy-147

MAT 6599

66-Dy-147

(α, p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

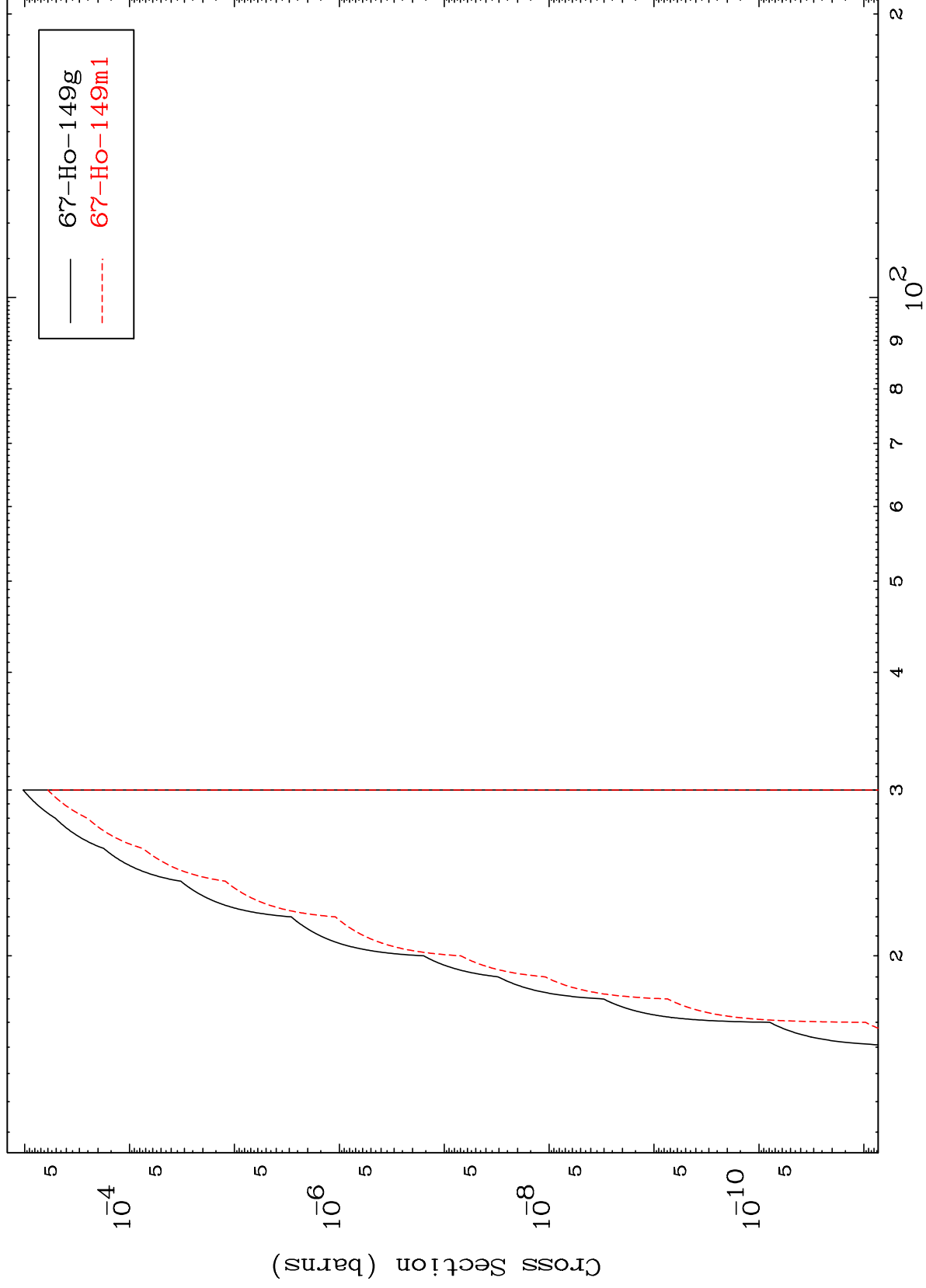
66-Dy-147

MAT 6599

(α, d)

66-Dy-147

Radionuclide Production Cross Section

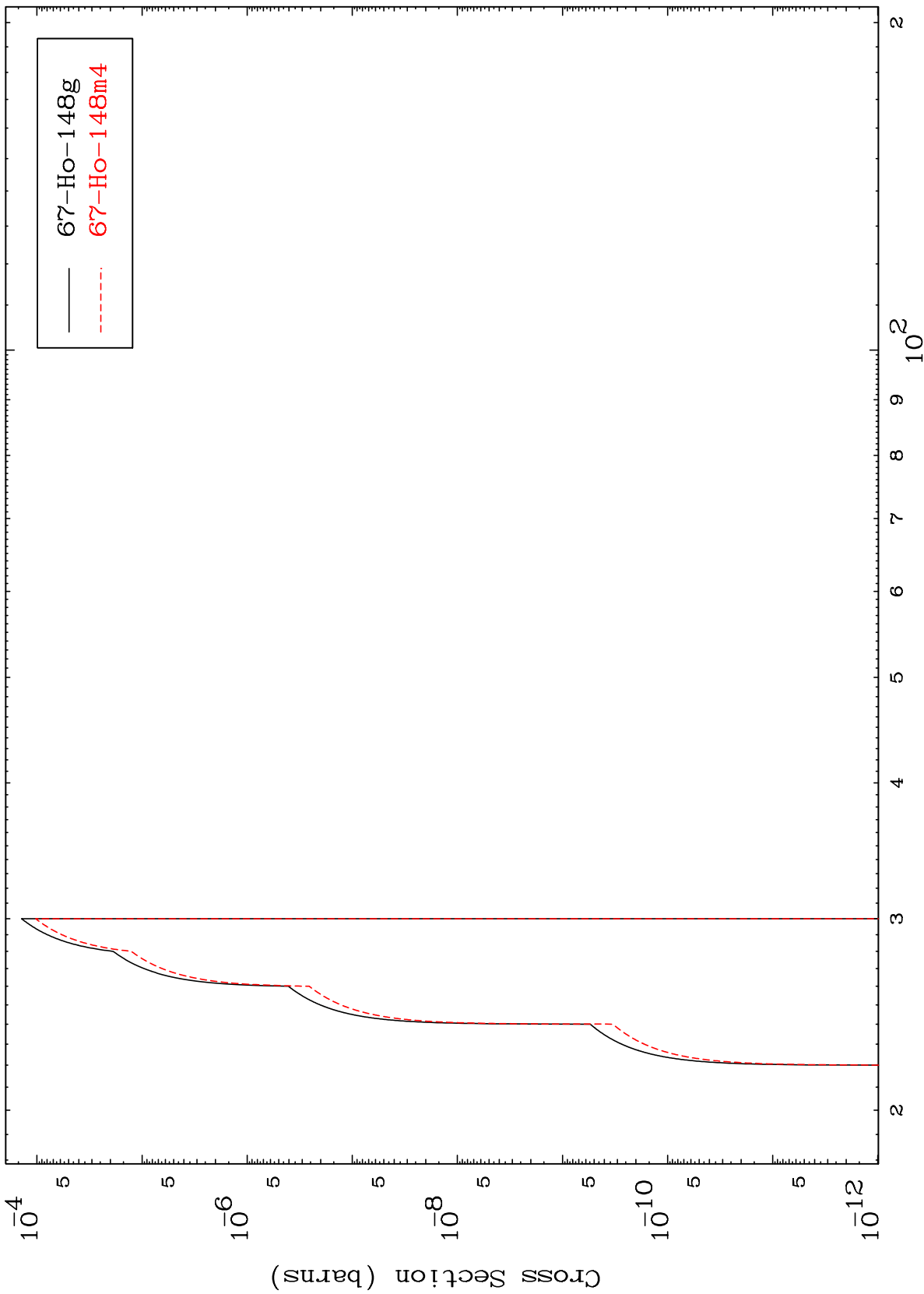


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Incident Energy (MeV)

66-Dy-147

Radionuclide Production Cross Section

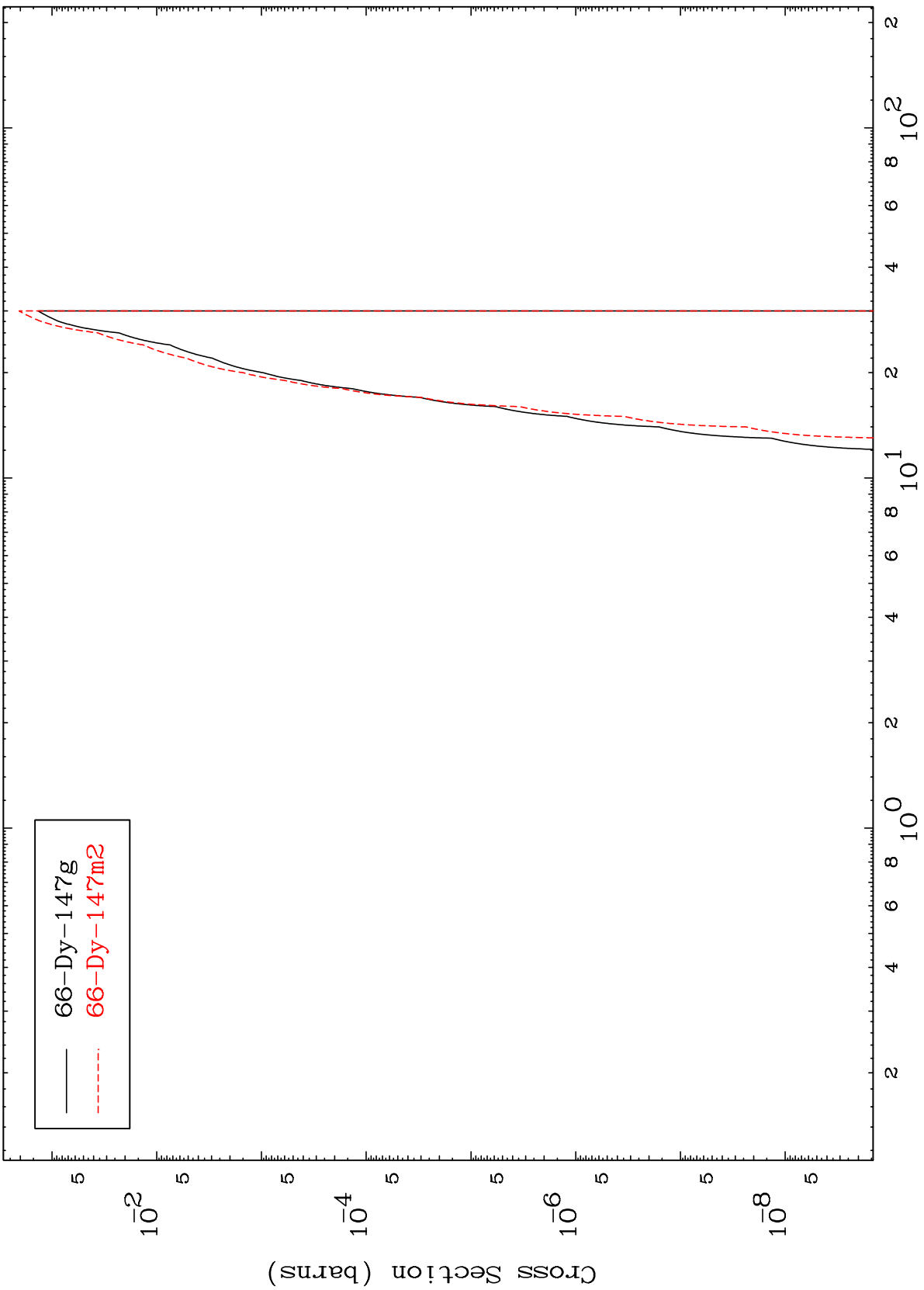


MAT 6599

(α, α)

66-Dy-147

Radionuclide Production Cross Section

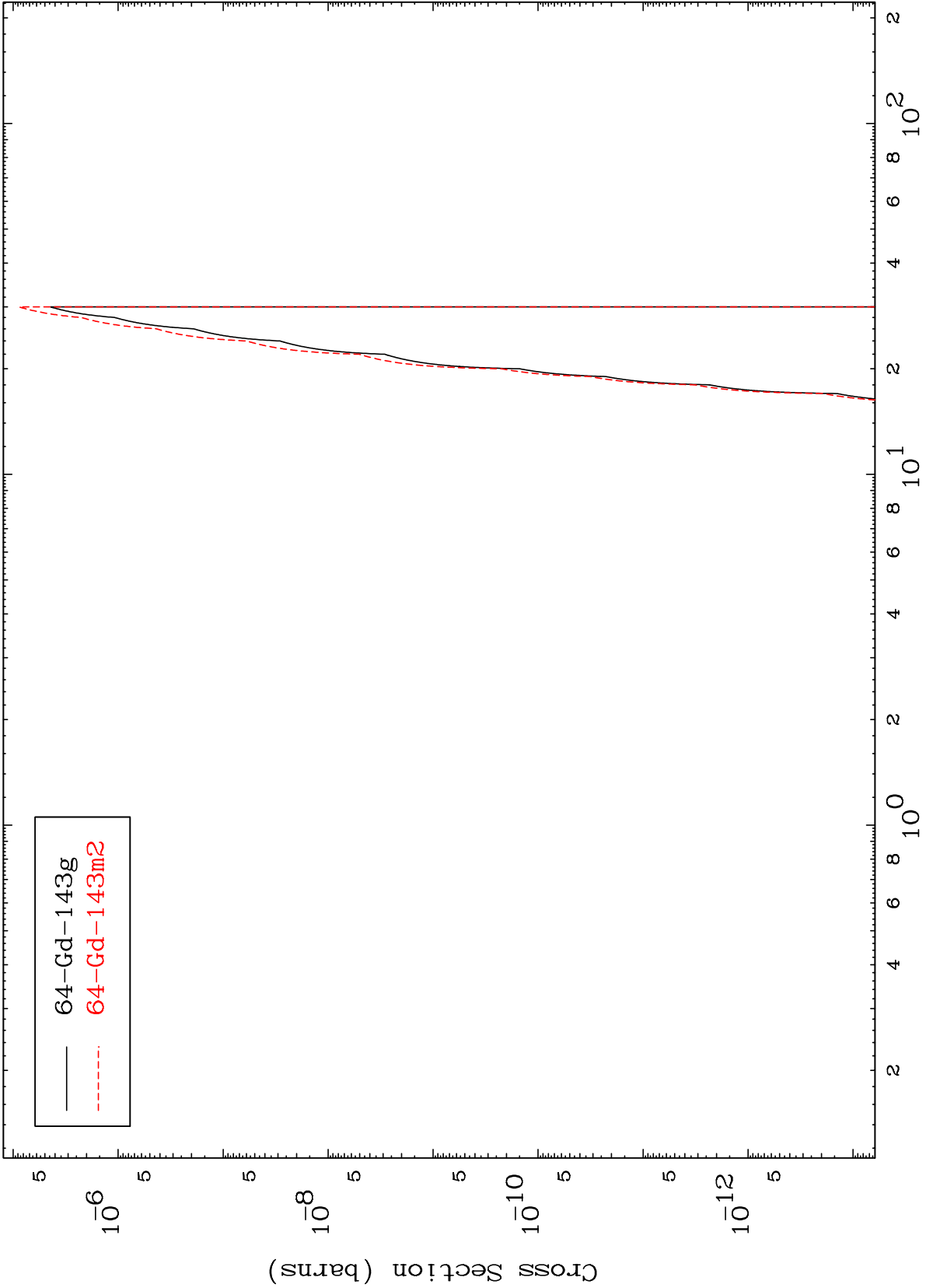


MAT 6599

($\alpha, 2\alpha$)

66-Dy-147

Radionuclide Production Cross Section

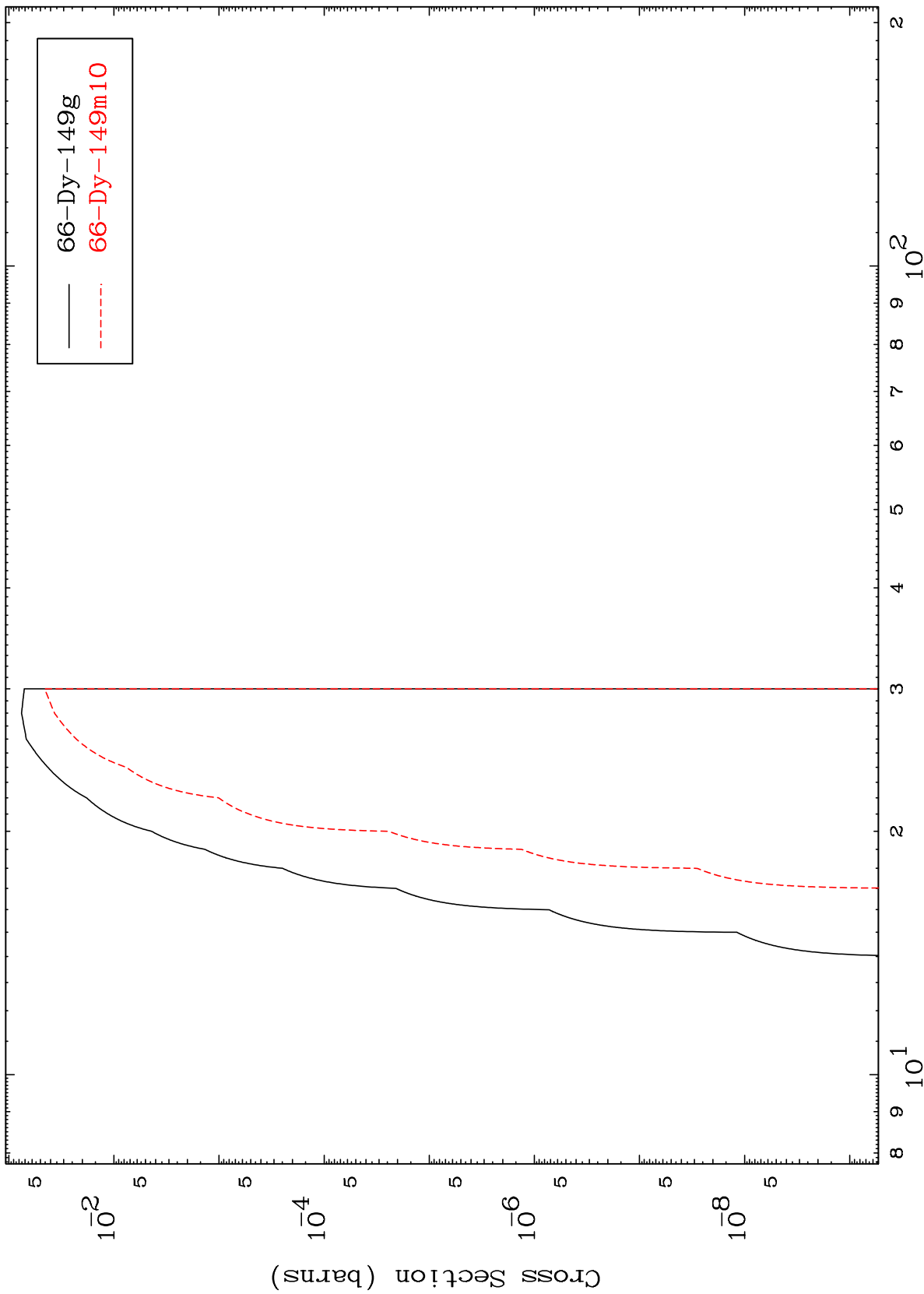


64-Gd-143g
64-Gd-143m2

MAT 6599

66-Dy-147

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

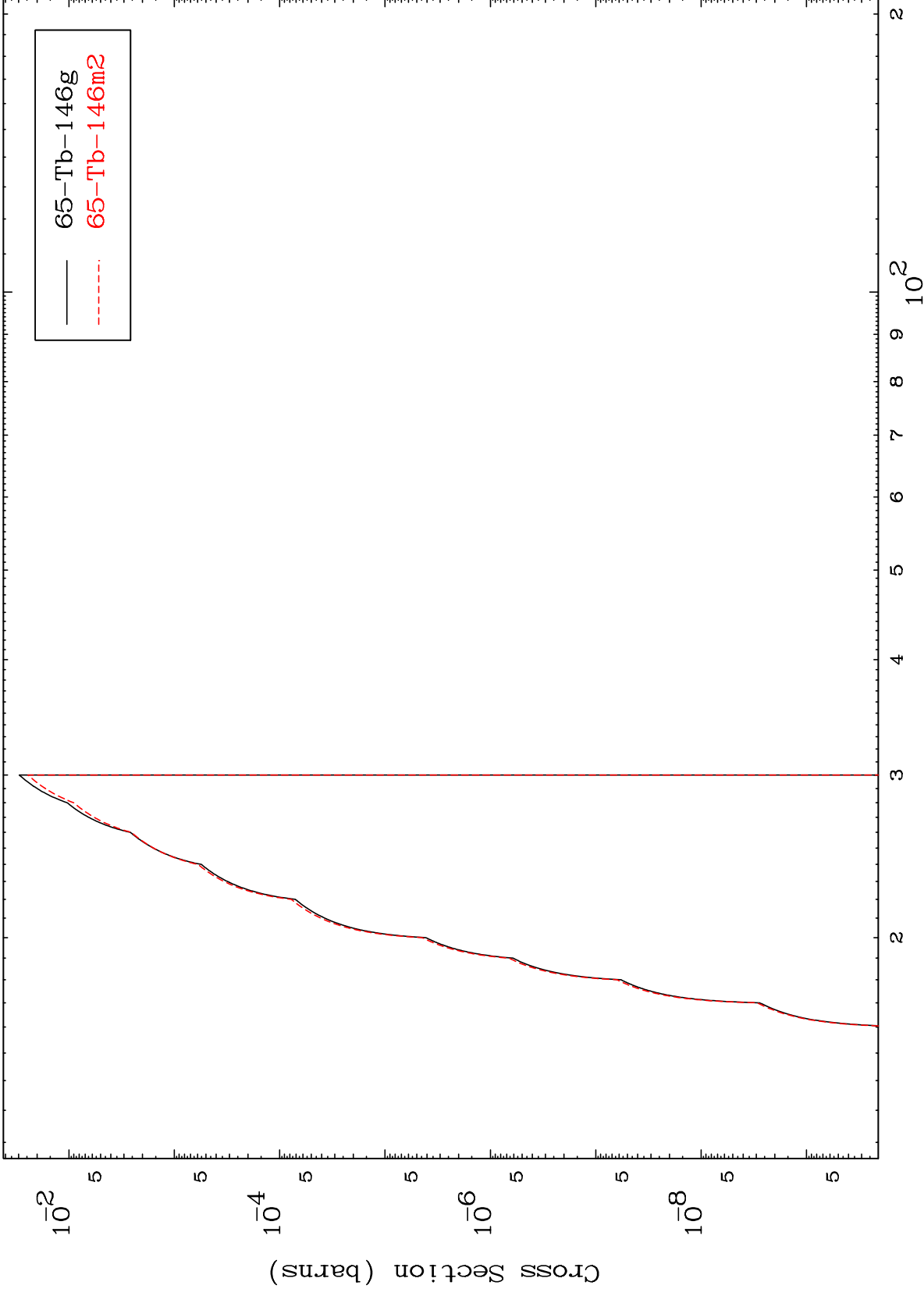


22

Incident Energy (MeV)

66-Dy-147

Radionuclide Production Cross Section

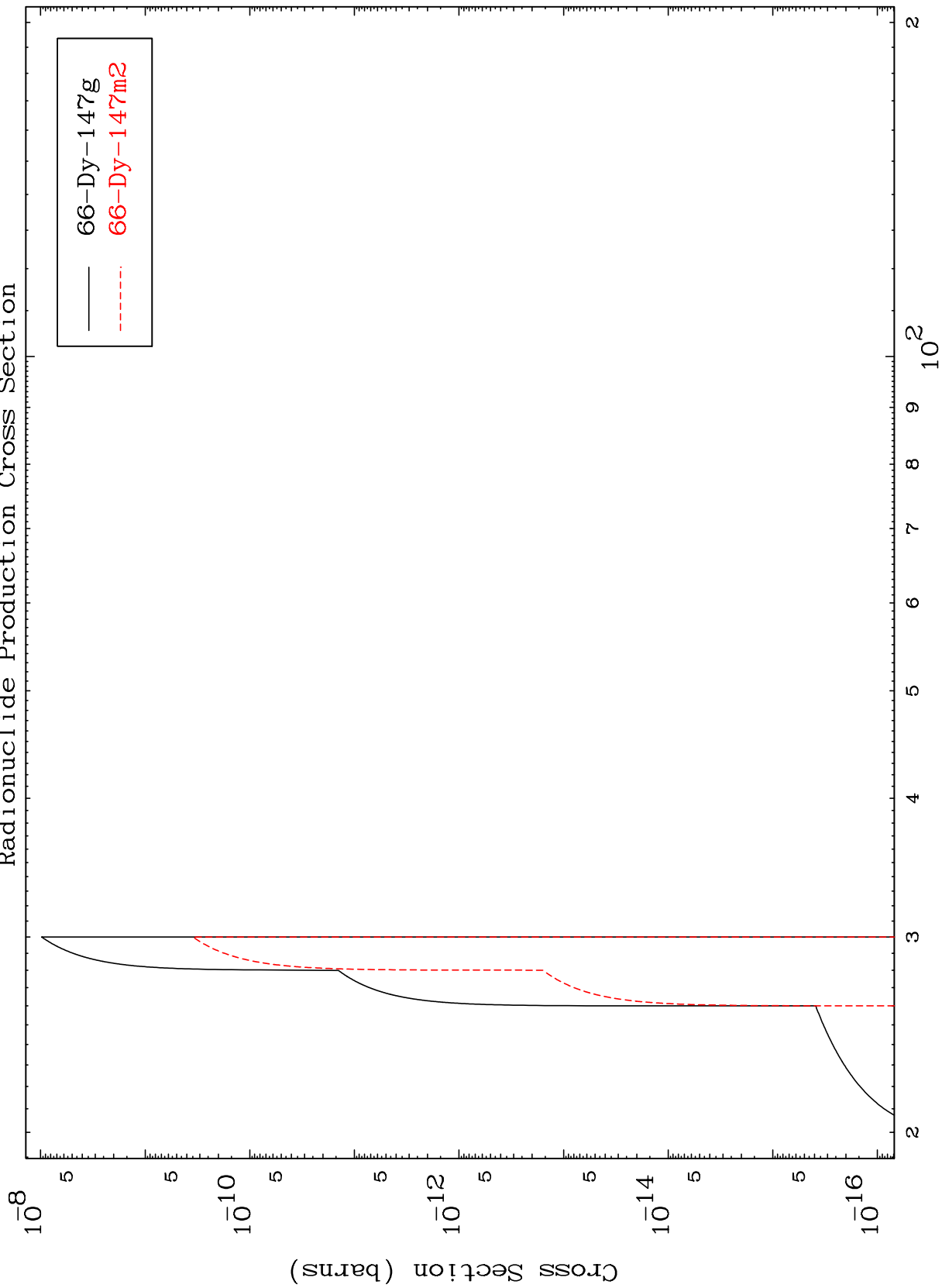


MAT 6599

(α, p) t

66-Dy-147

Radionuclide Production Cross Section



24

Incident Energy (MeV)

66-Dy-147