

Program EVALPLOT
(Version 2021-1)

by

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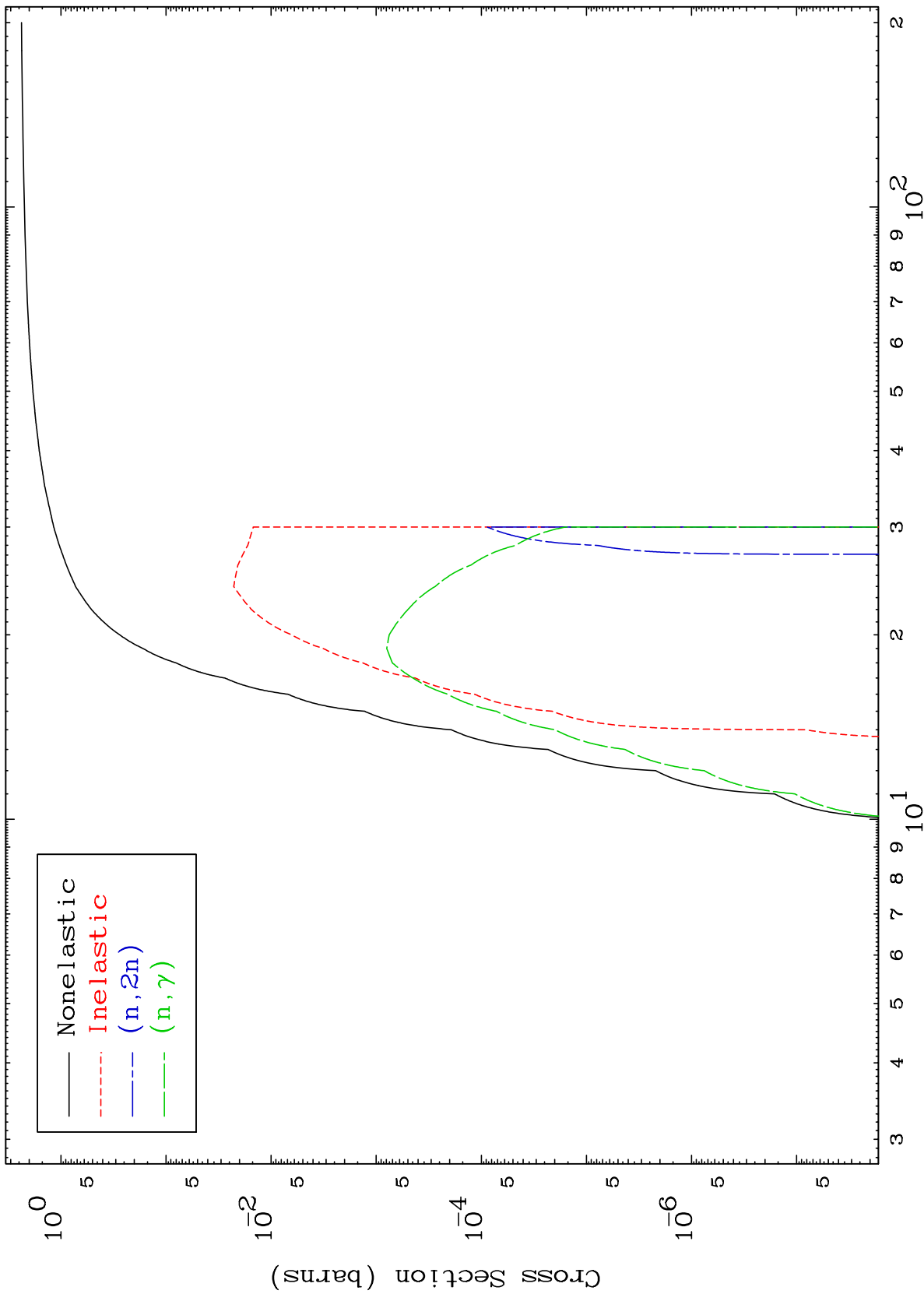
Press Mouse Button to Start

MAT 6587

α Major

66-Dy-143m

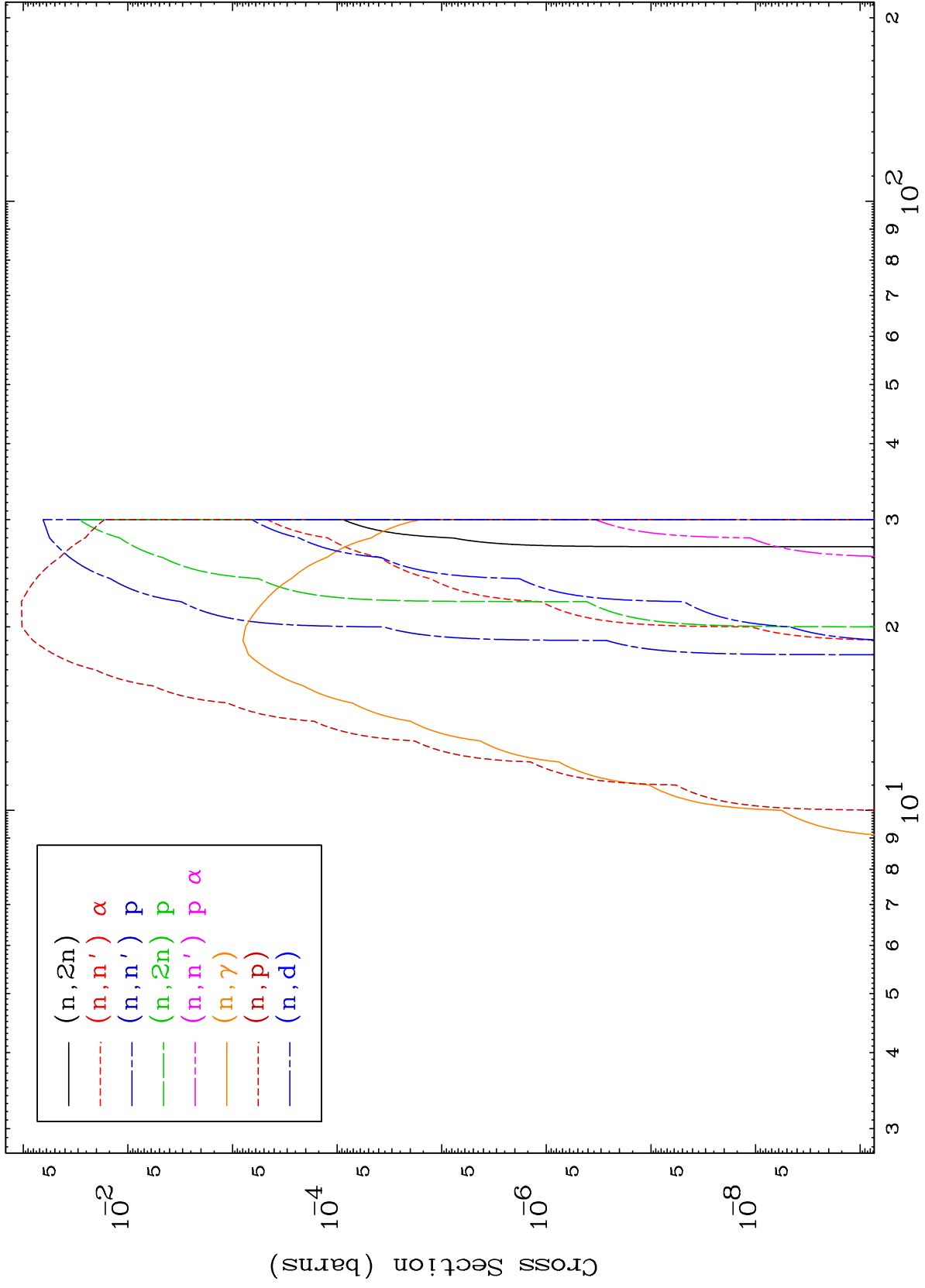
0 Kelvin Cross Sections



66-Dy-143m

Incident Energy (MeV)

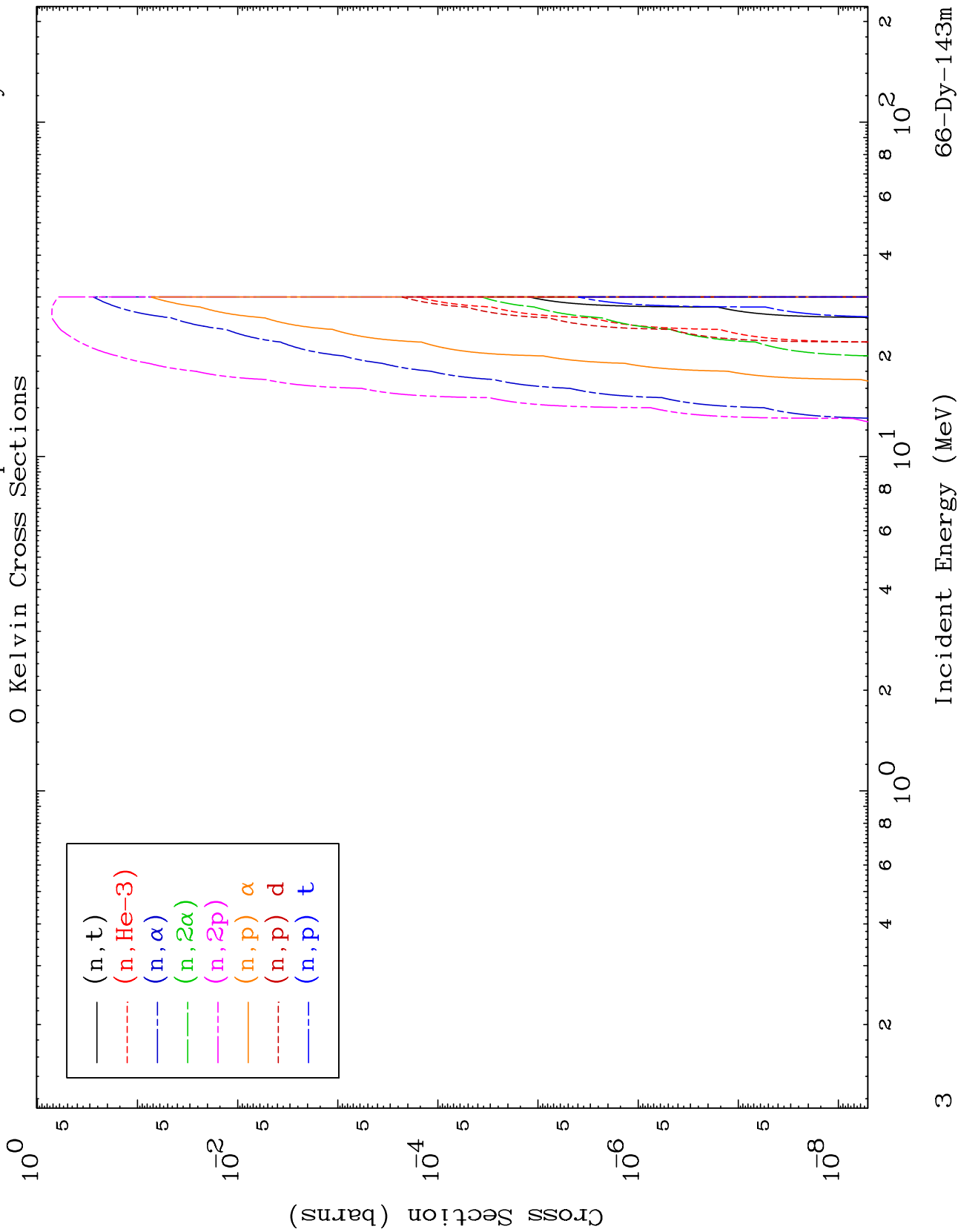
1



MAT 6587

α Neutron Absorption
0 Kelvin Cross Sections

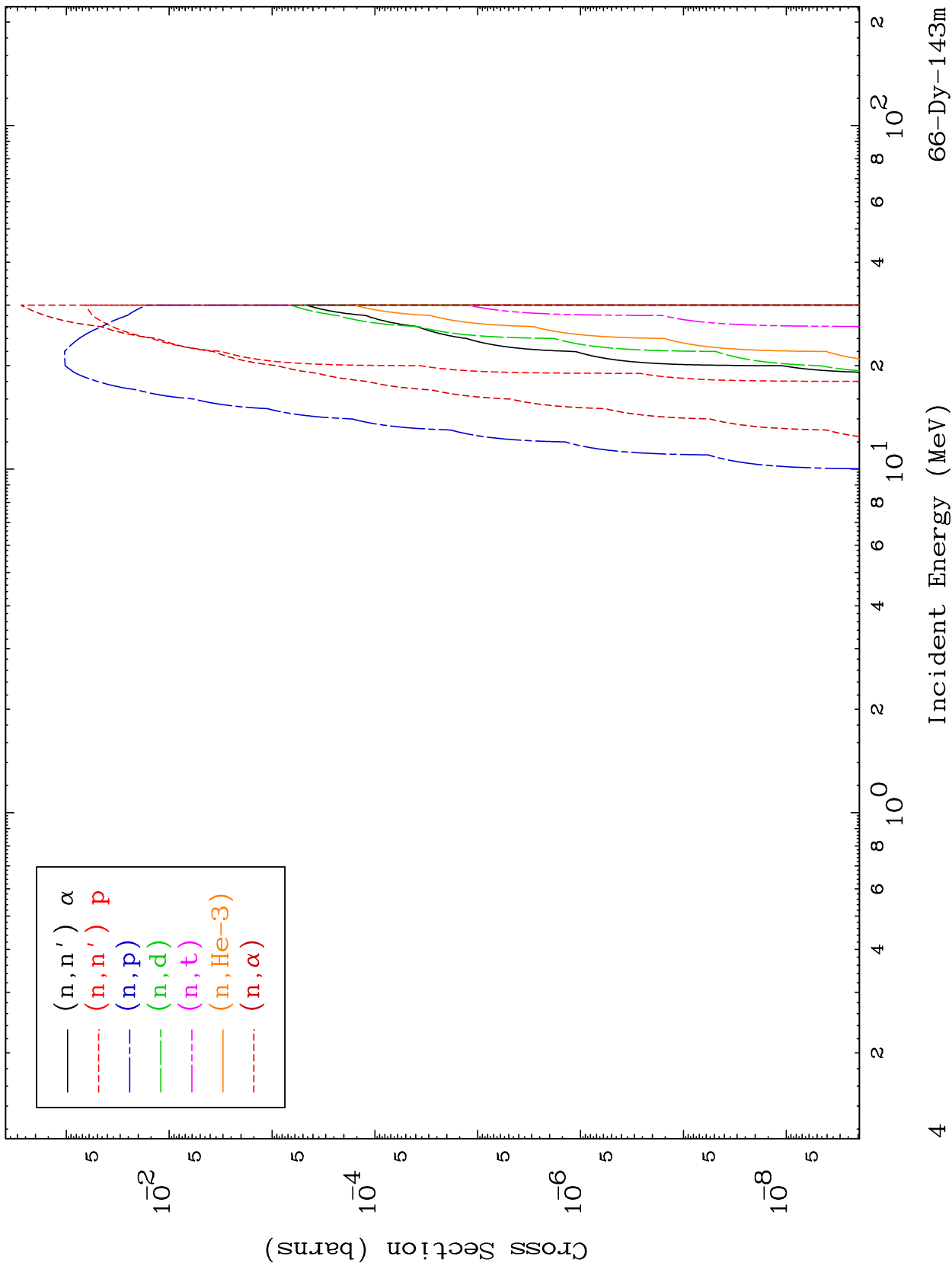
66-Dy-143m



MAT 6587

α Charged Particle
0 Kelvin Cross Sections

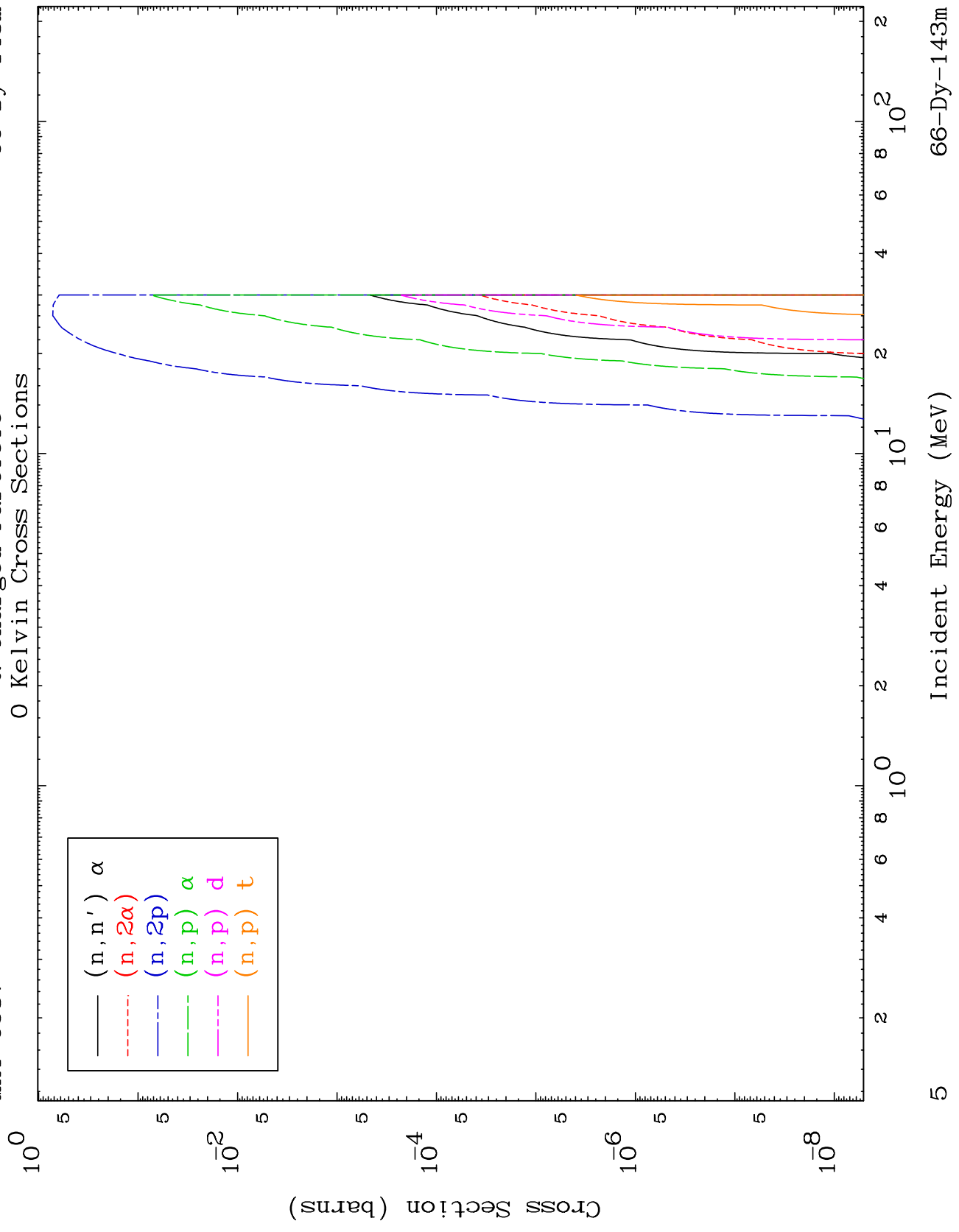
66-Dy-143m



MAT 6587

α Charged Particle
0 Kelvin Cross Sections

66-Dy-143m

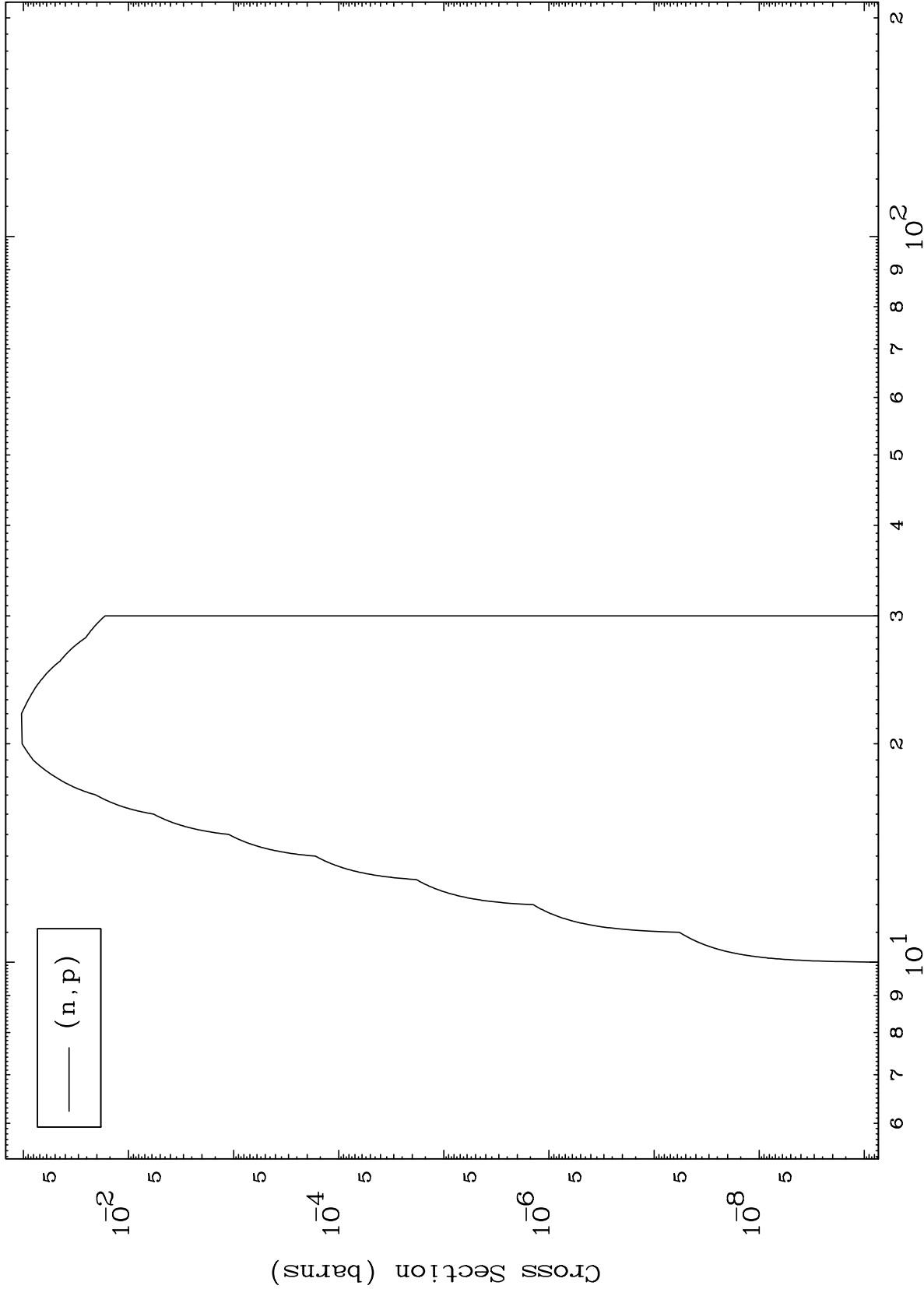


MAT 6587

(α, p) Levels

66-Dy-143m

0 Kelvin Cross Sections



6

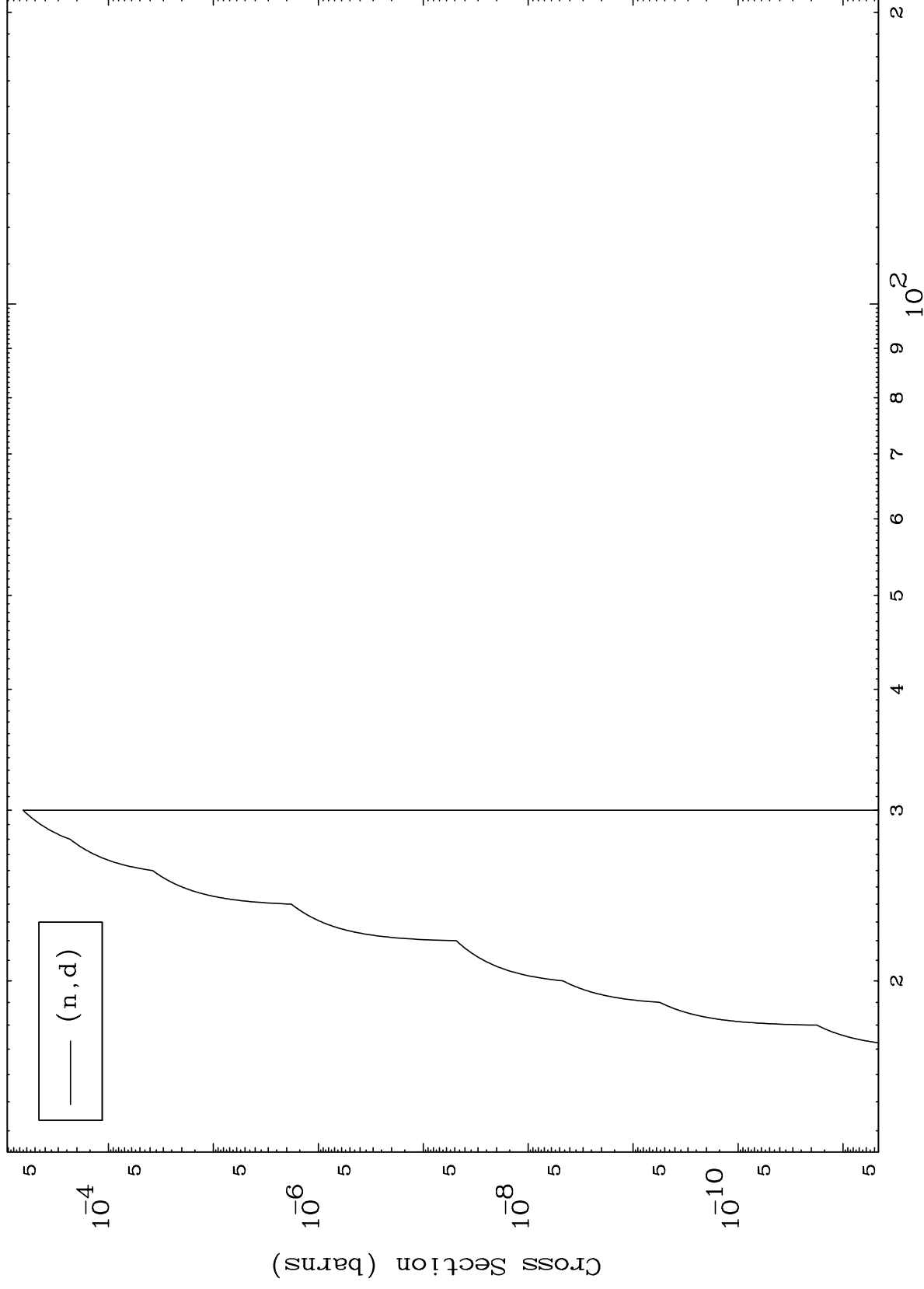
Incident Energy (MeV)

66-Dy-143m

MAT 6587

(α, d) Levels
0 Kelvin Cross Sections

66-Dy-143m



7

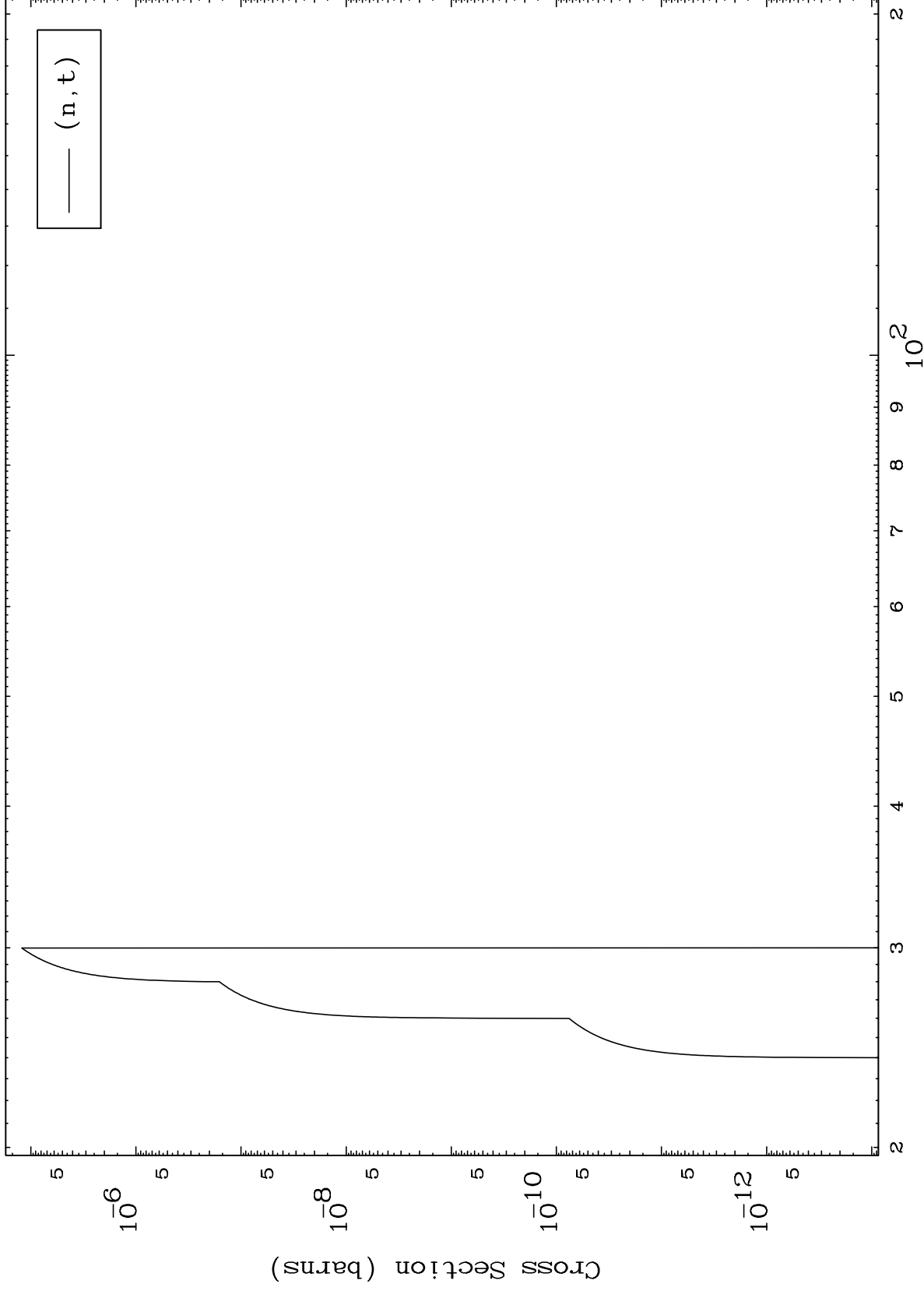
Incident Energy (MeV)

66-Dy-143m

MAT 6587

(α, t) Levels
0 Kelvin Cross Sections

66-Dy-143m



8

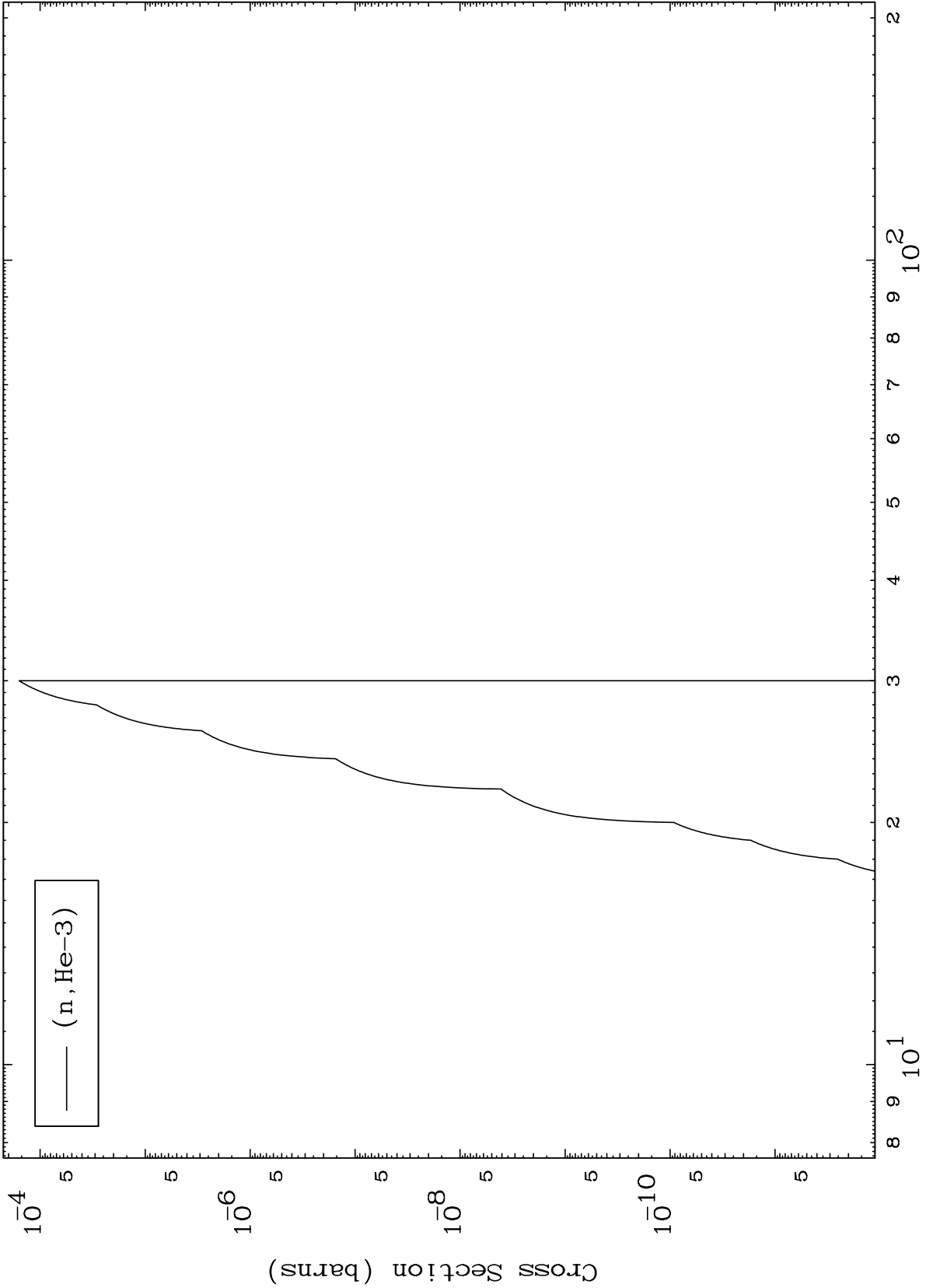
Incident Energy (MeV)

66-Dy-143m

MAT 6587

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

66-Dy-143m



9

Incident Energy (MeV)

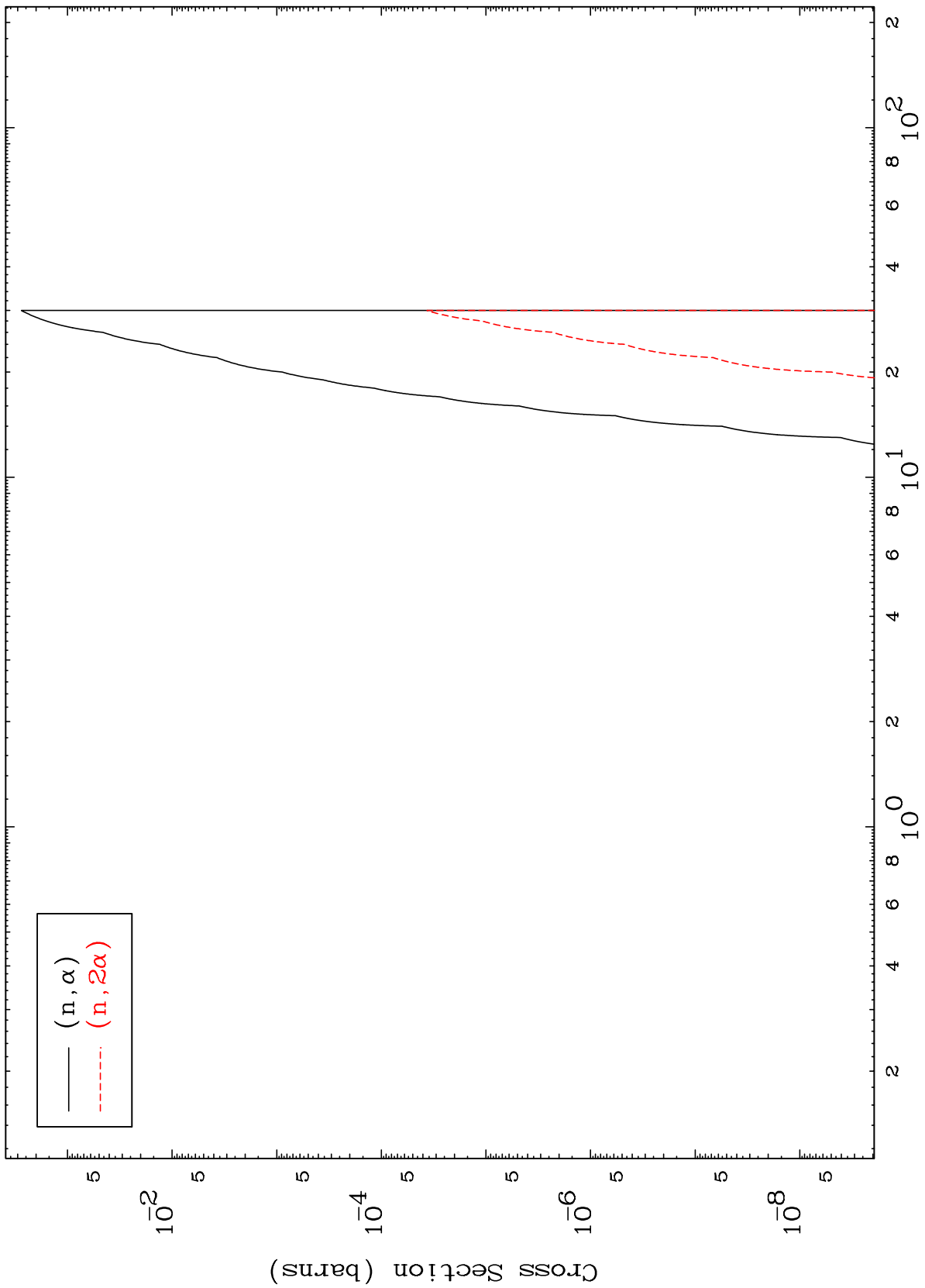
66-Dy-143m

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(α, α) Levels

66-Dy-143m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

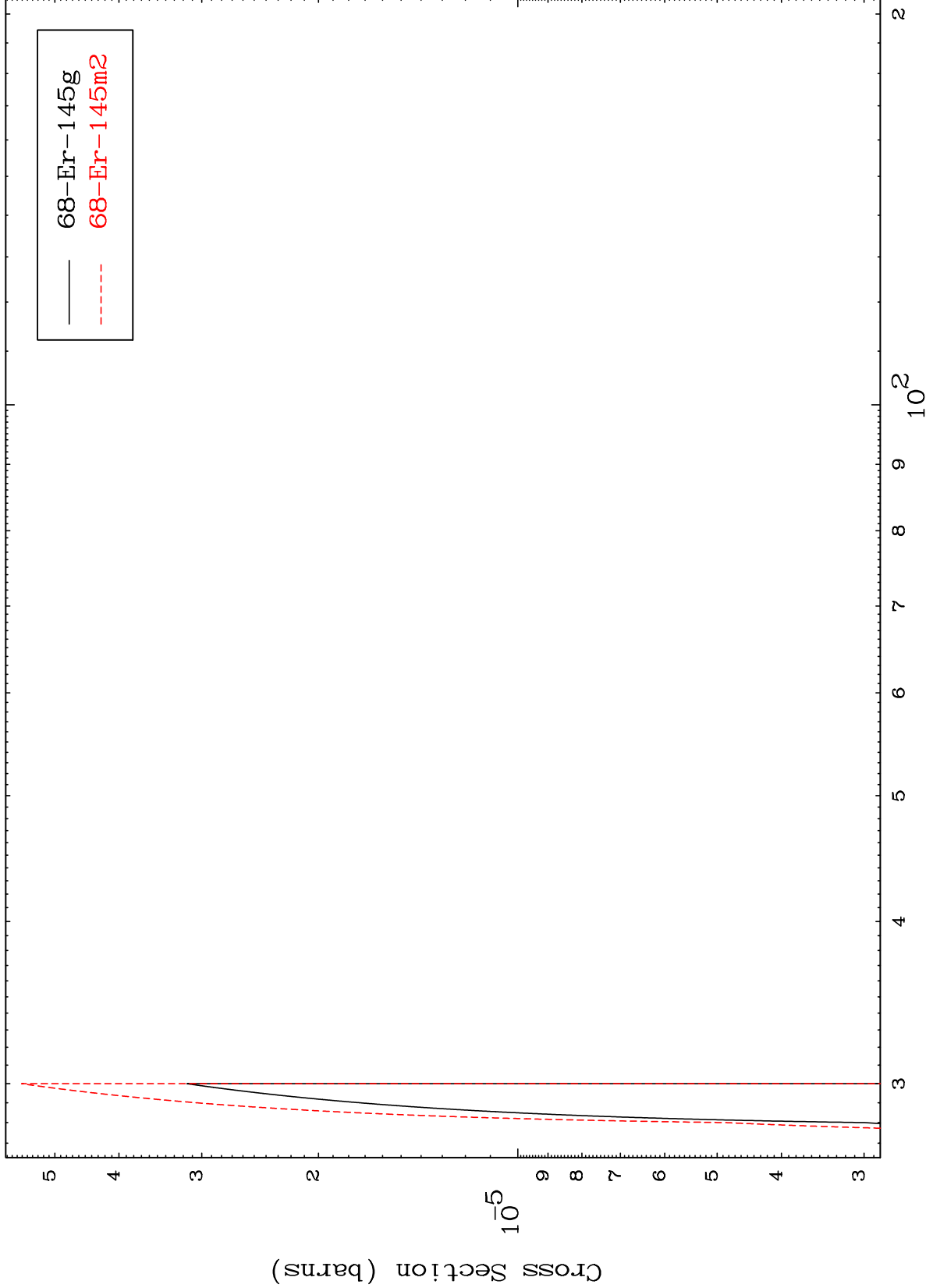
66-Dy-143m

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(n,2n)

66-Dy-143m

Radionuclide Production Cross Section



11

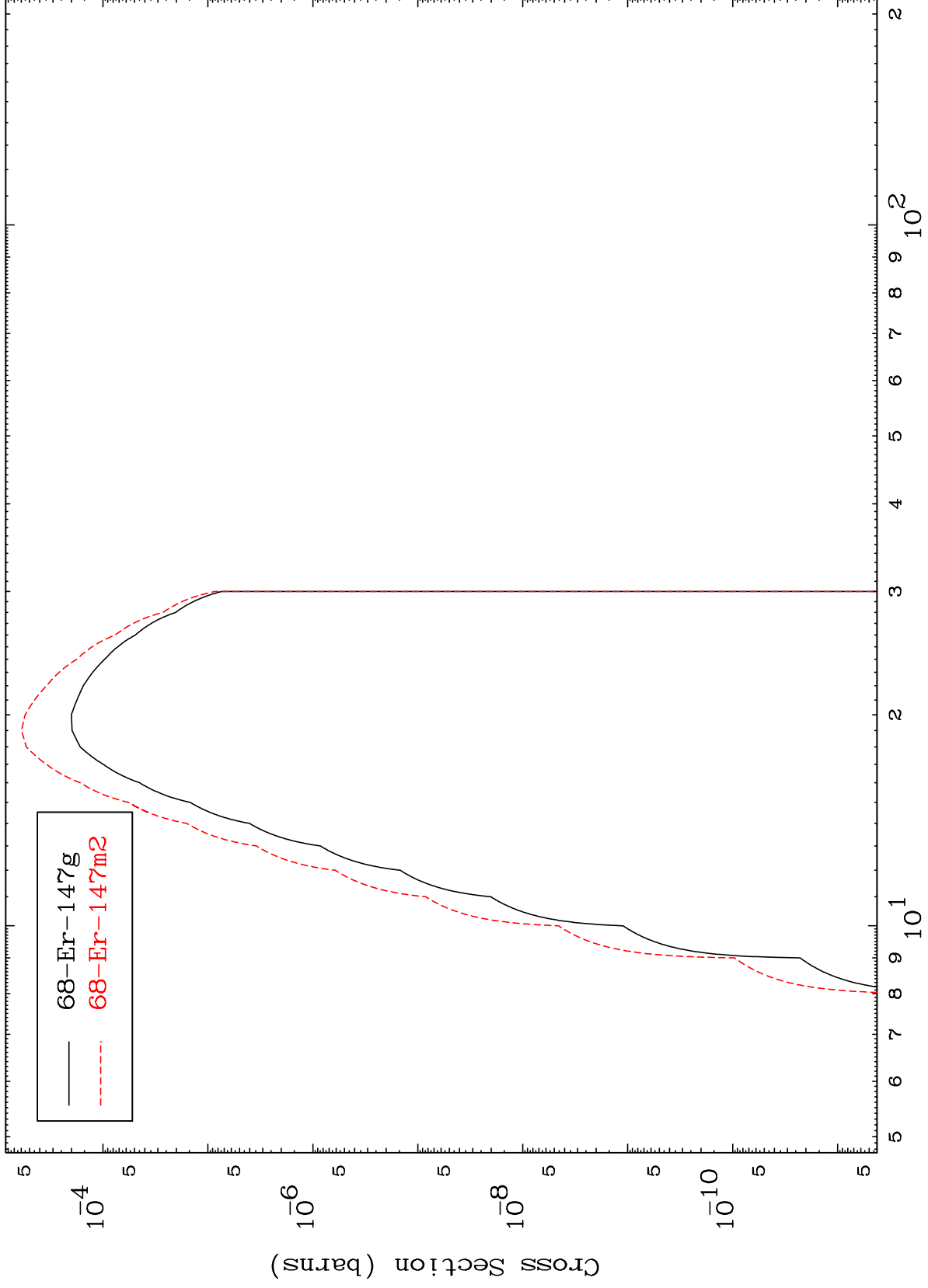
Incident Energy (MeV)

66-Dy-143m

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66-Dy-143m

(n, γ)
Radionuclide Production Cross Section



12

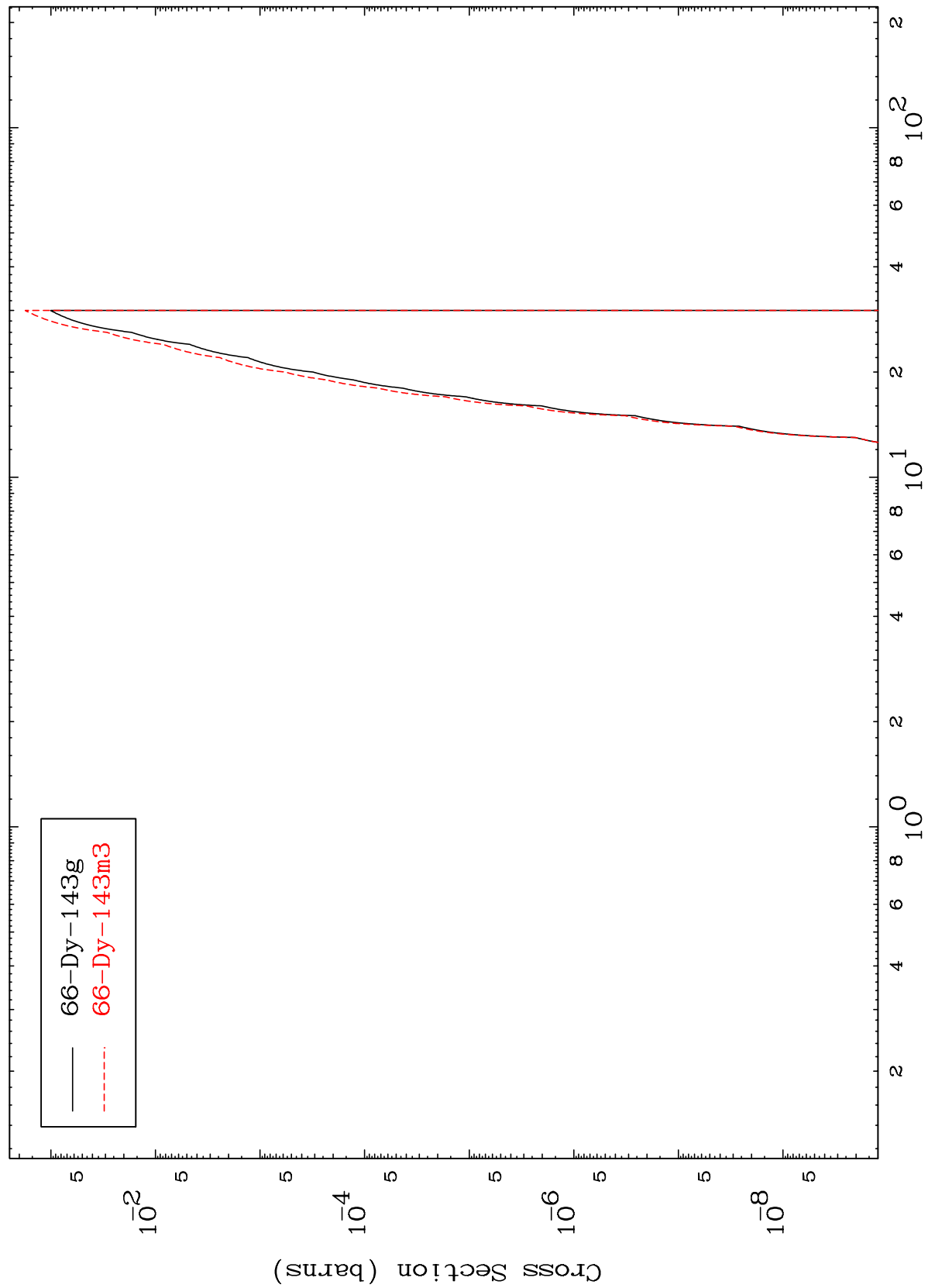
Incident Energy (MeV)

66-Dy-143m

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66-Dy-143m

Radionuclide Production Cross Section
(n, α)

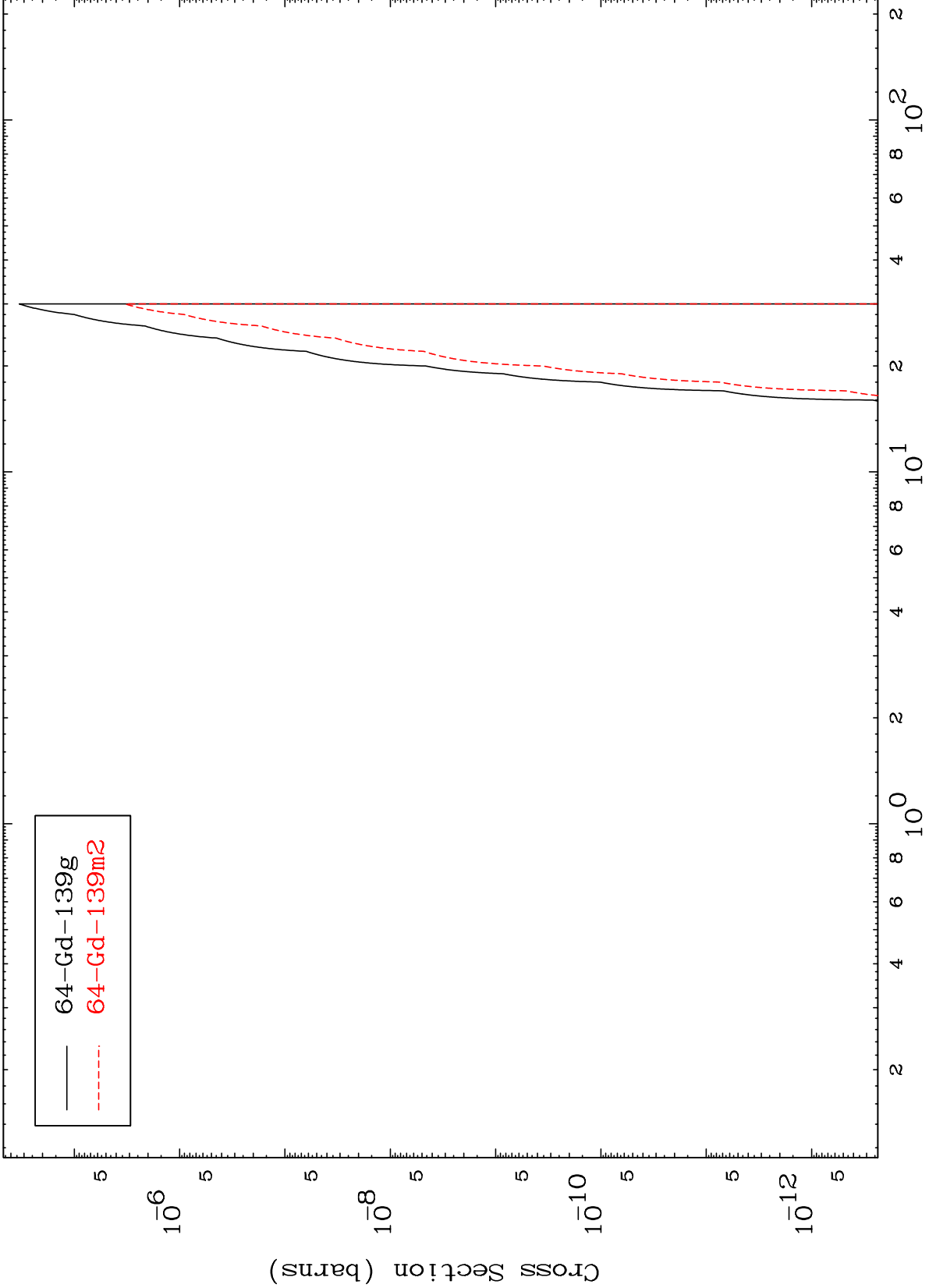


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(n,2α)

66-Dy-143m

Radionuclide Production Cross Section

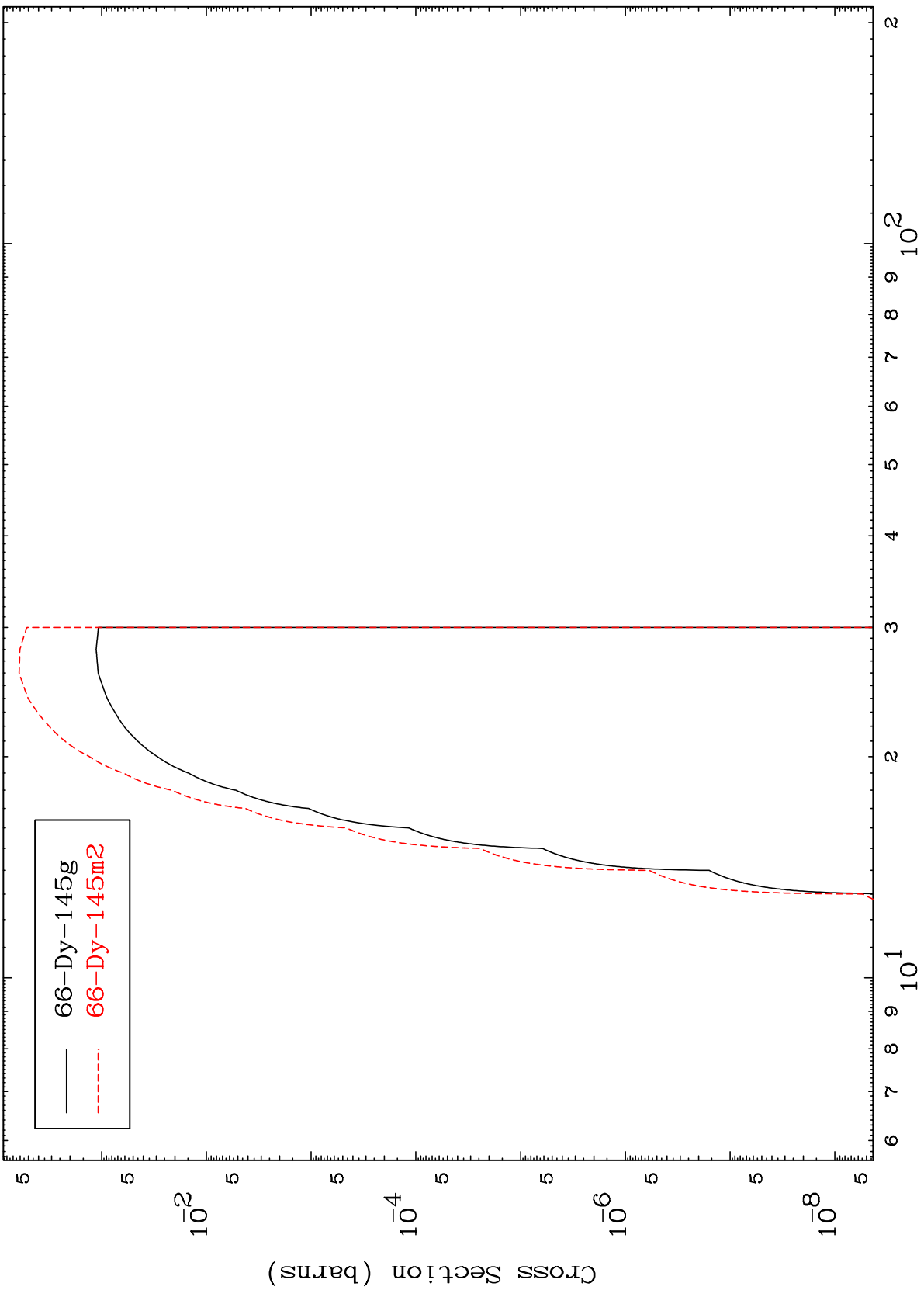


64-Gd-139g
64-Gd-139m2

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66-Dy-143m

Radionuclide Production Cross Section (n,2p)



15

Incident Energy (MeV)

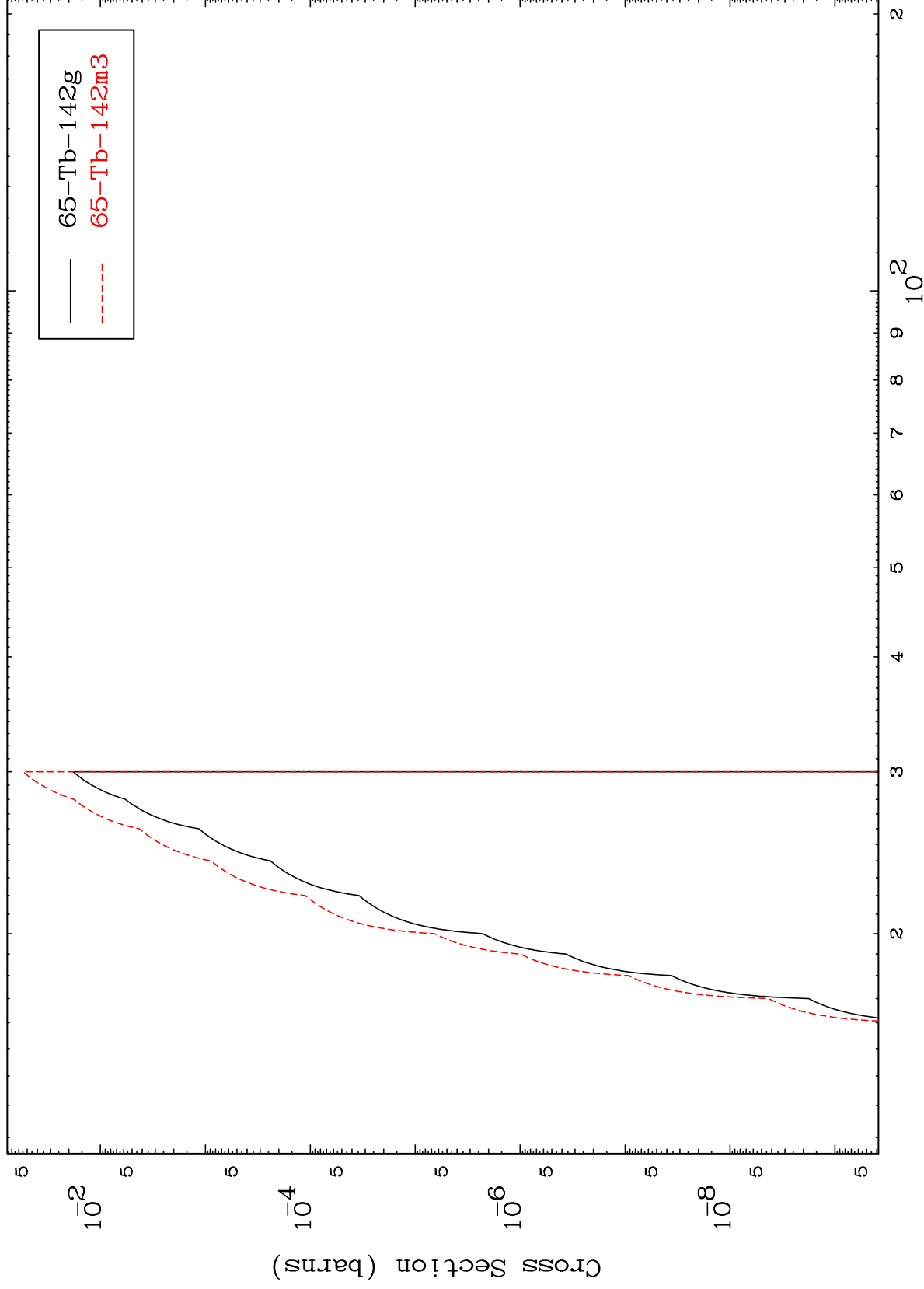
66-Dy-143m

MAT 6587

(n,p) α

66-Dy-143m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

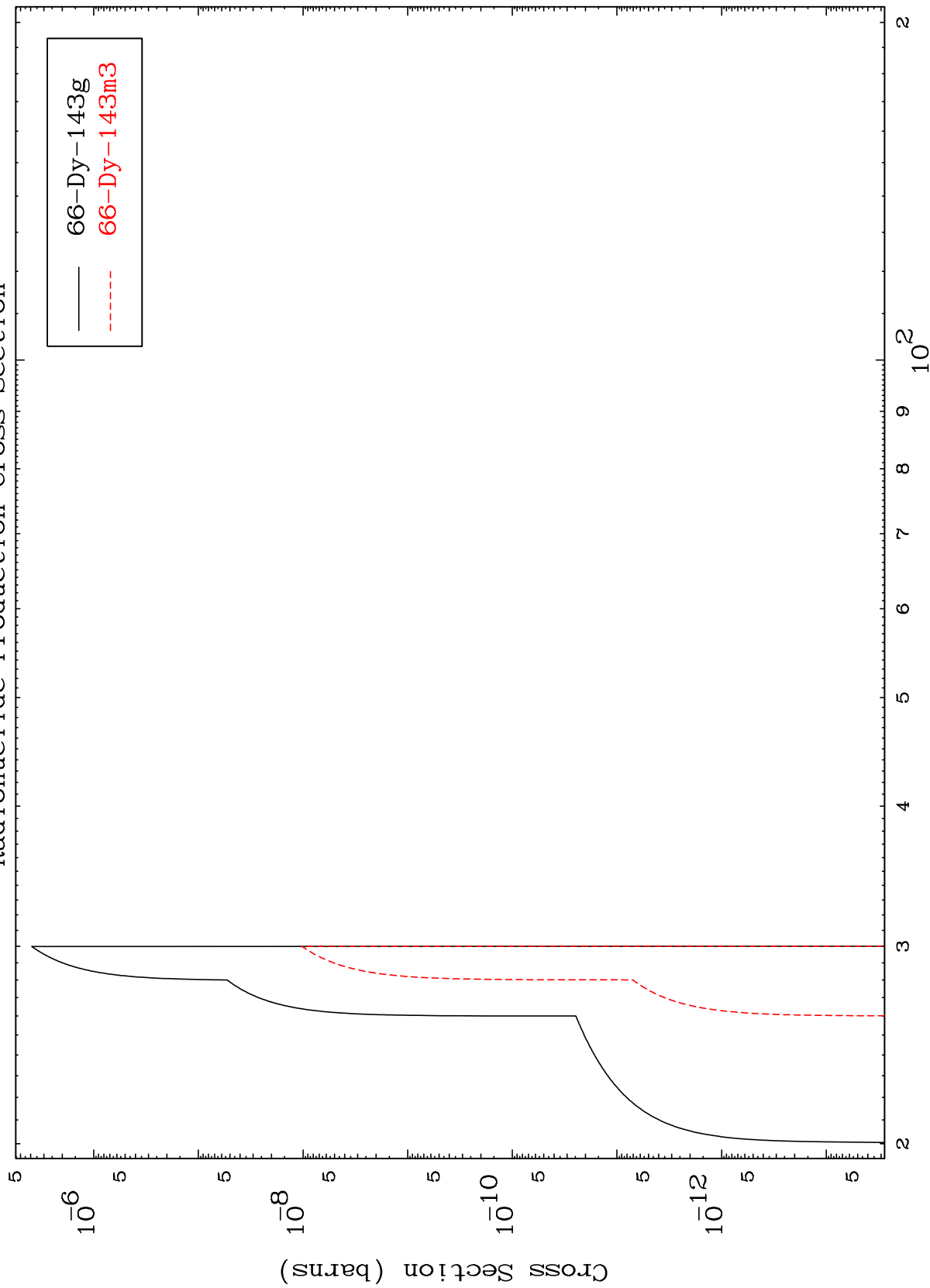
66-Dy-143m

MAT 6587

(n,p) t

66-Dy-143m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

66-Dy-143m