

Program EVALPLOT
(Version 2021-1)

by

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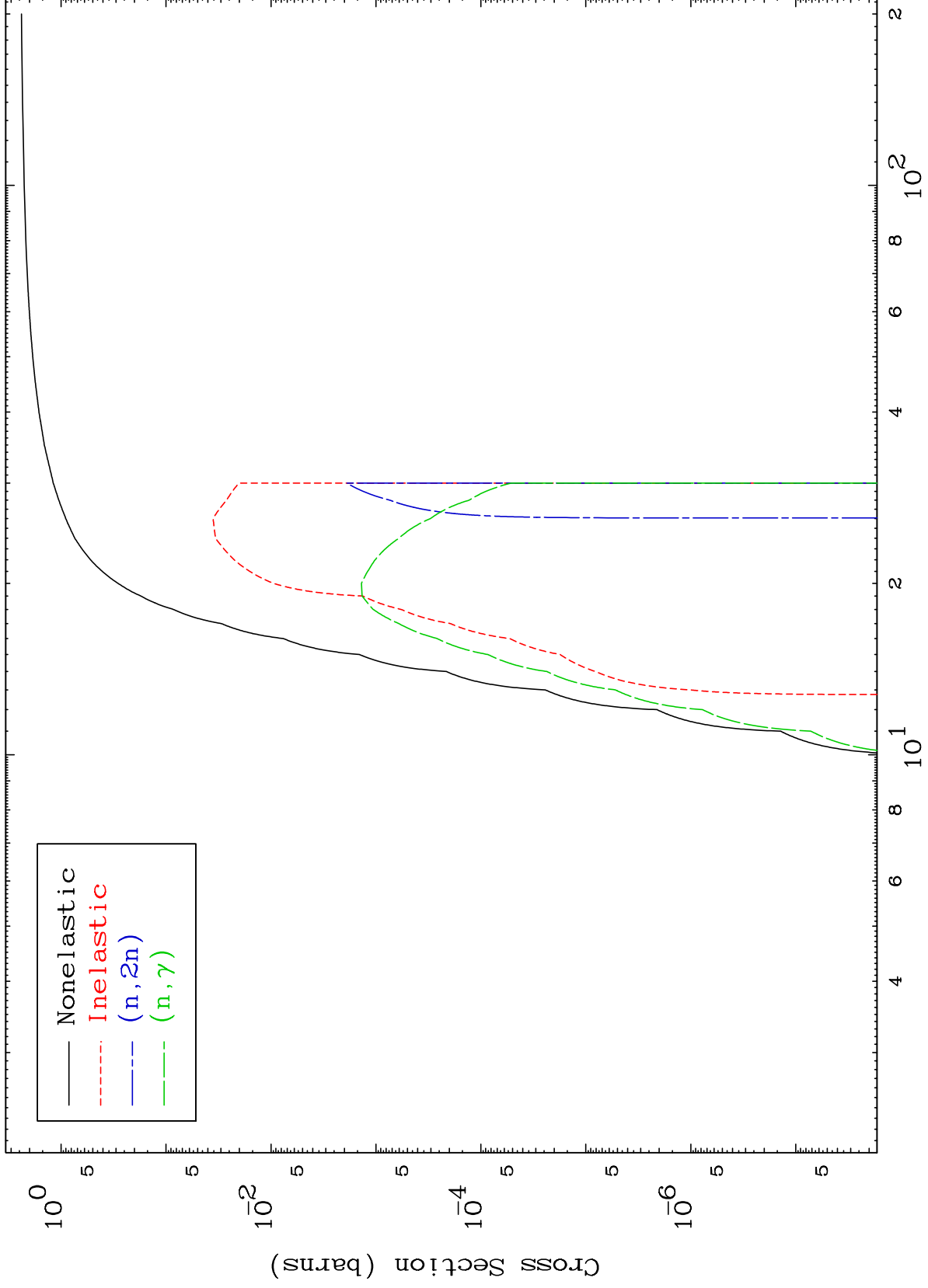
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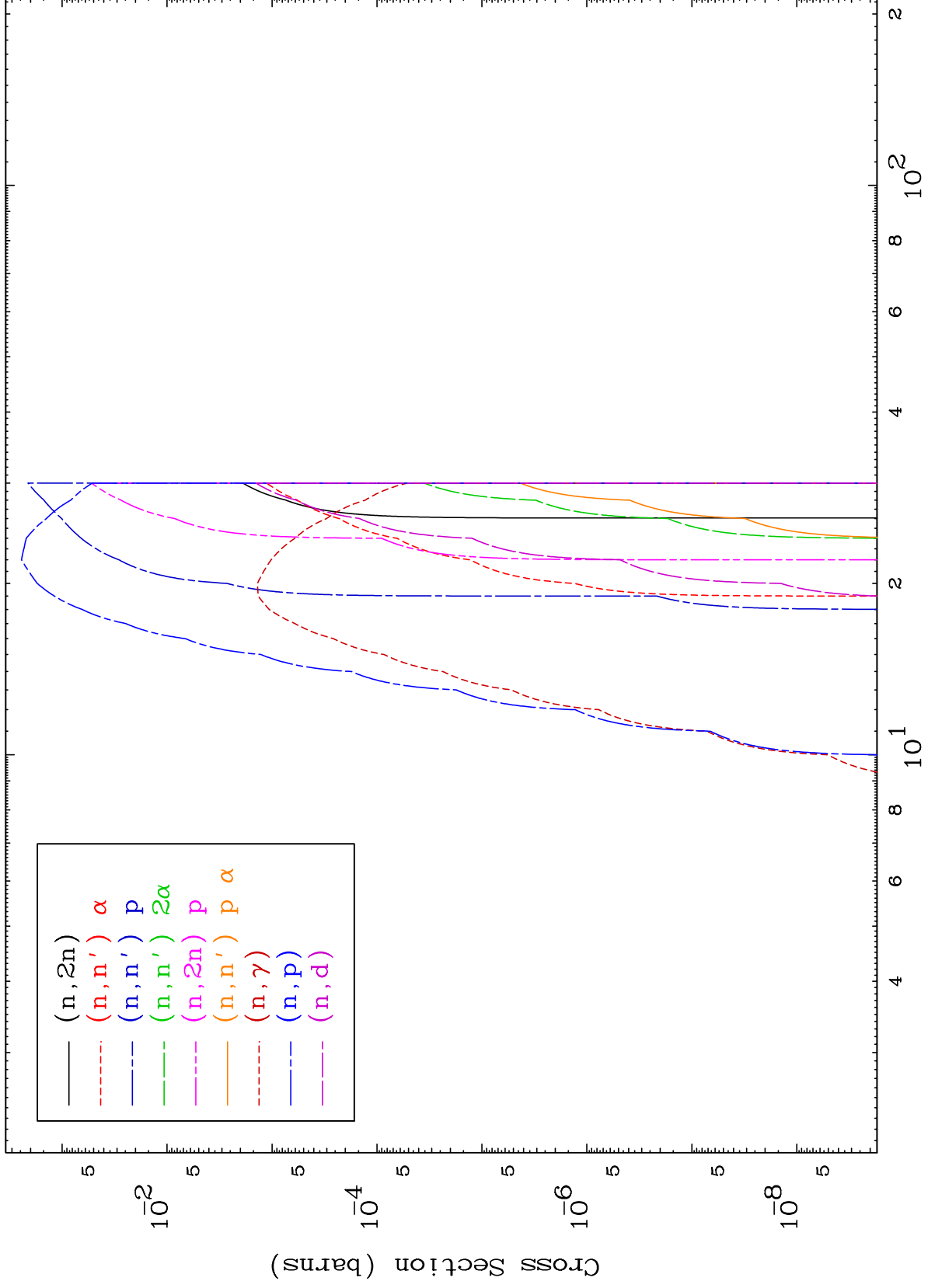
Press Mouse Button to Start

MAT 6592

0 Kelvin Cross Sections

66-Dy-145

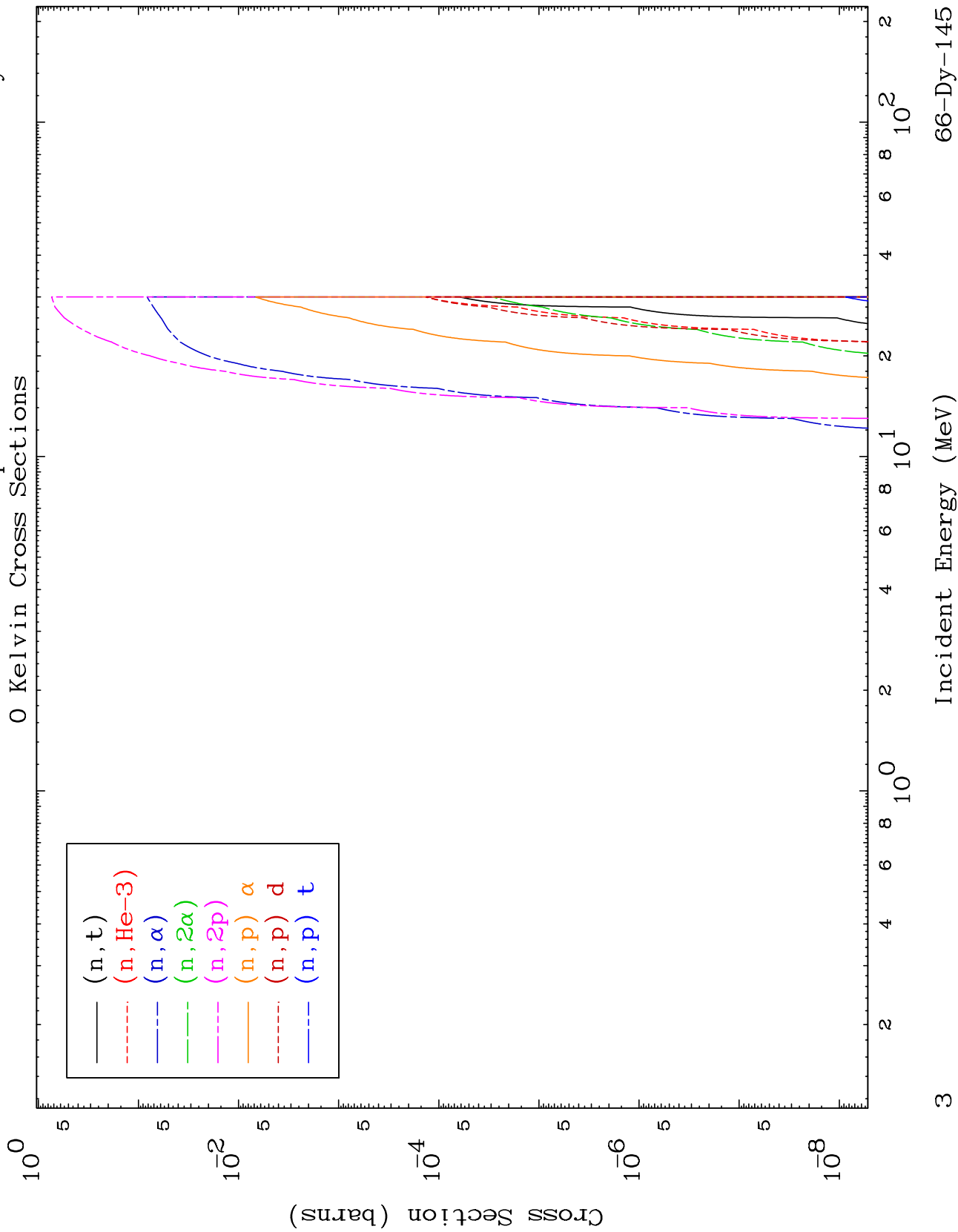




MAT 6592

α Neutron Absorption
0 Kelvin Cross Sections

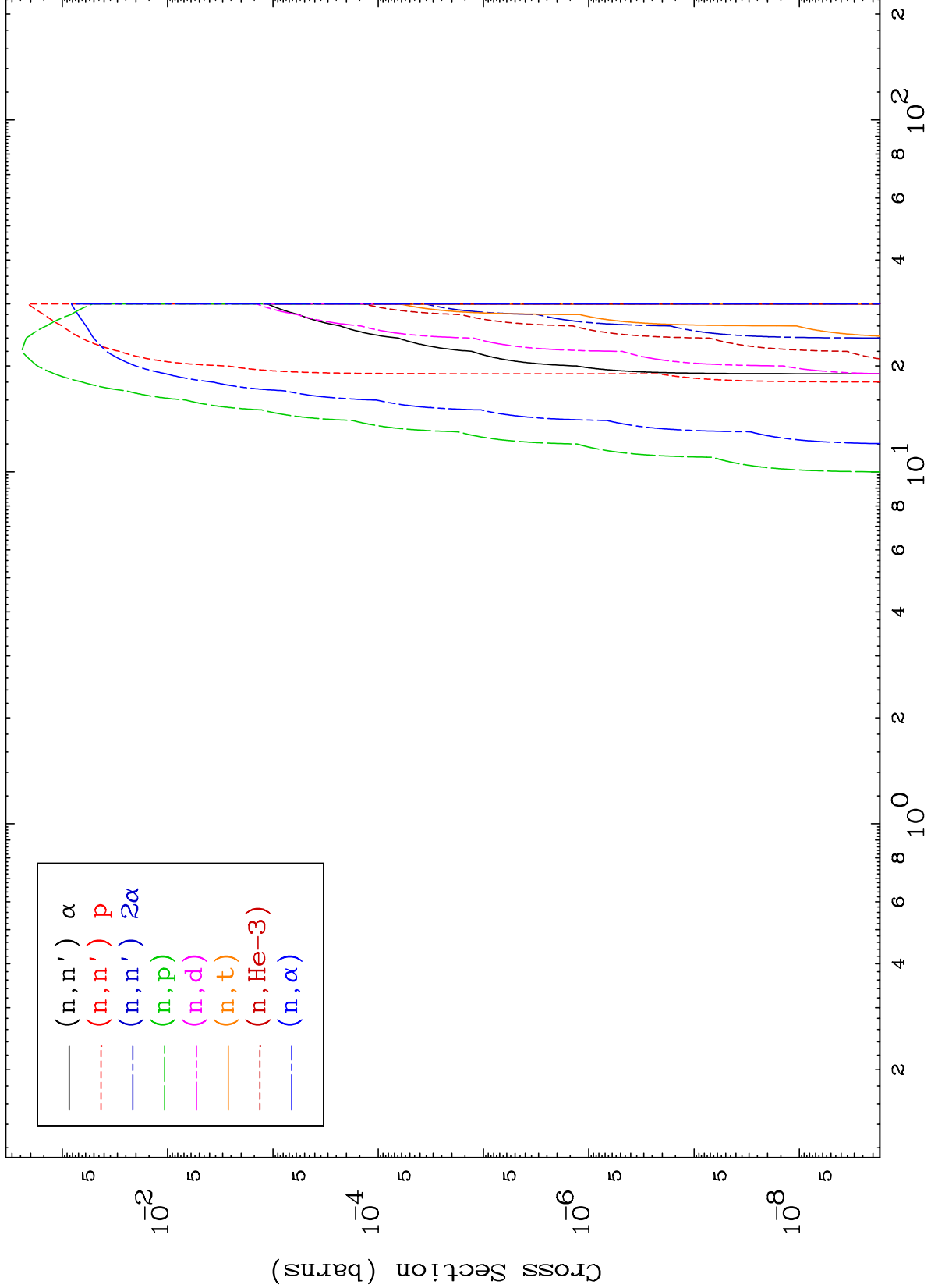
66-Dy-145

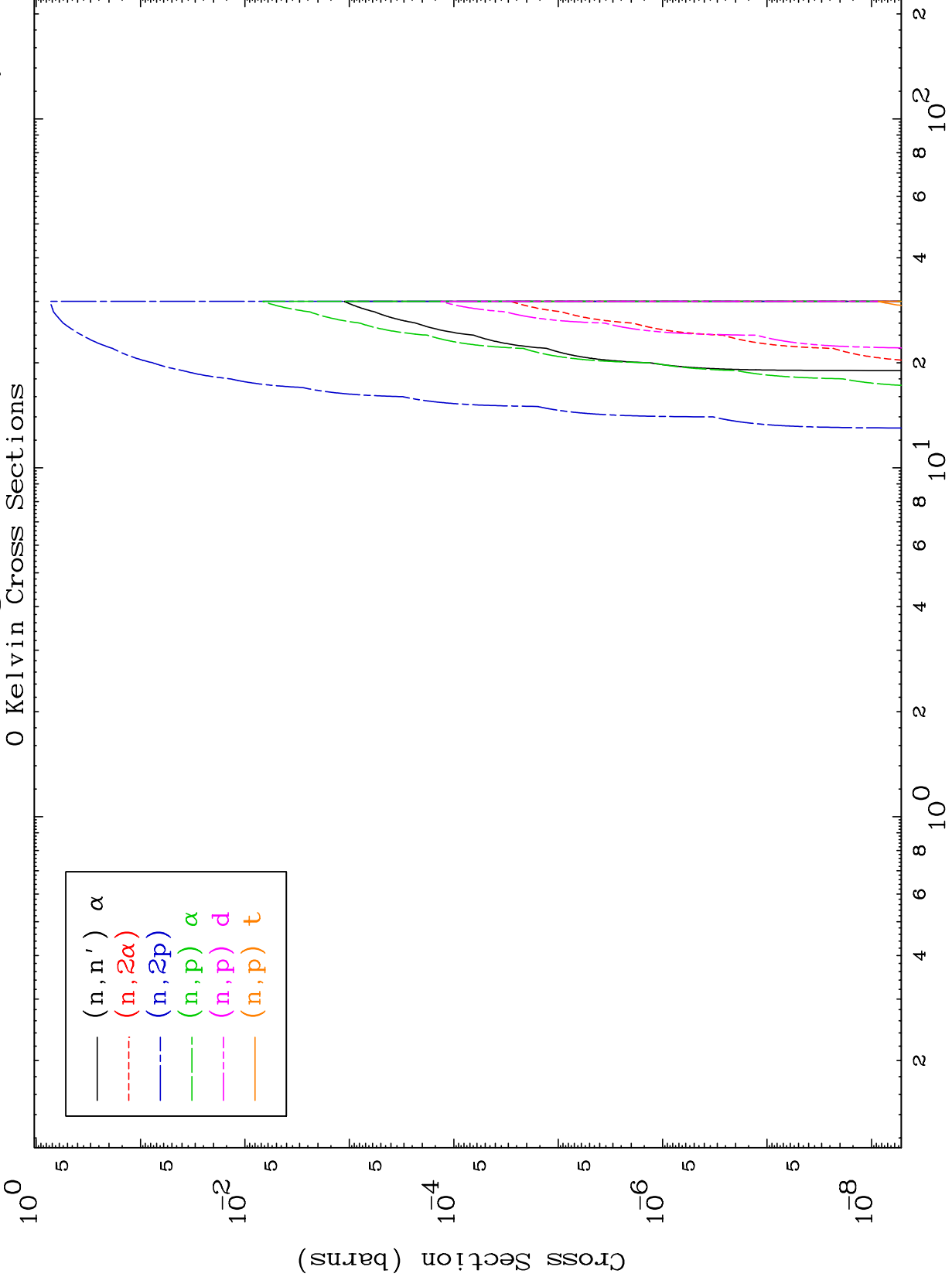


MAT 6592

α Charged Particle
0 Kelvin Cross Sections

66-Dy-145

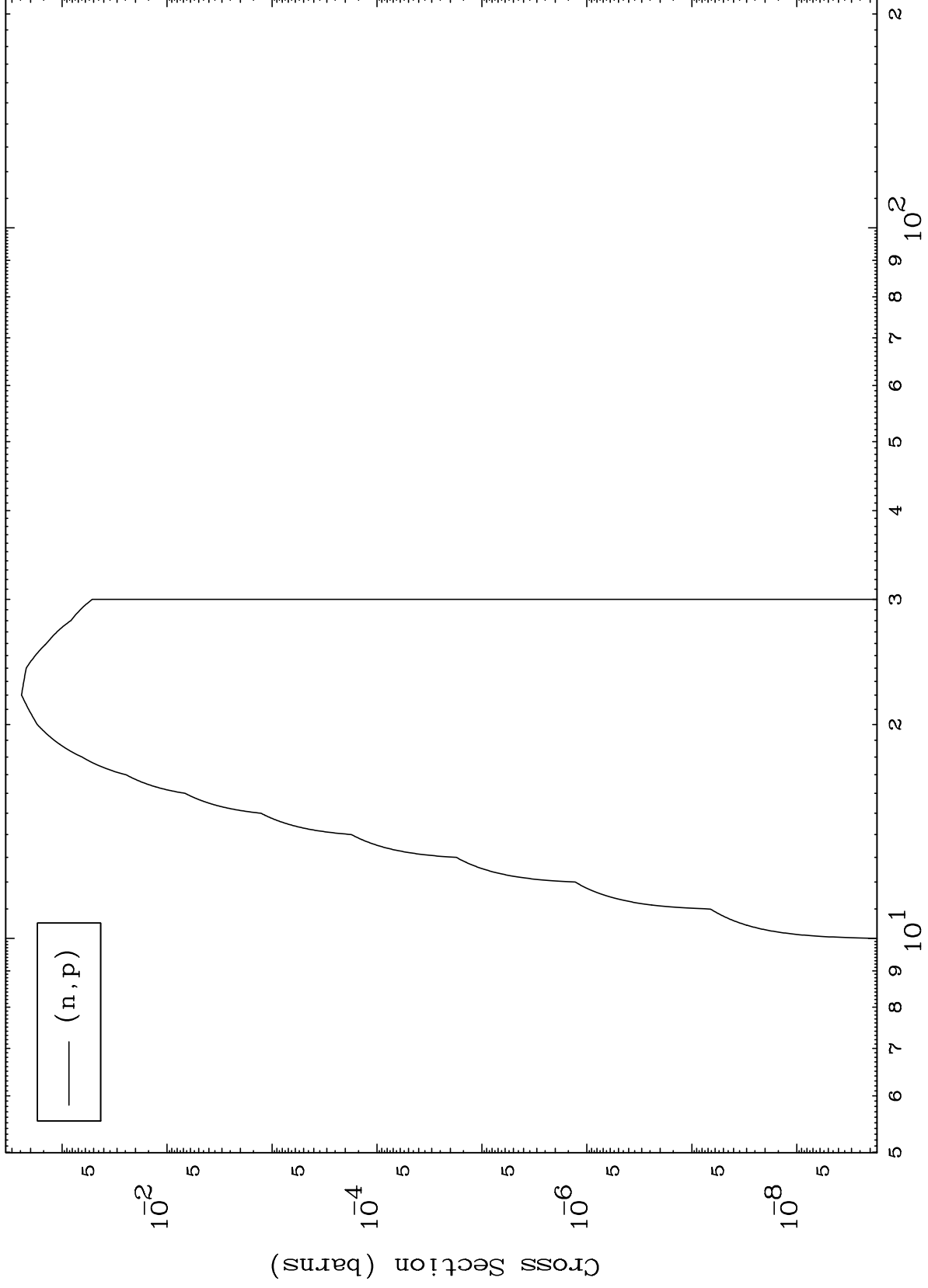




MAT 6592

(α, p) Levels
0 Kelvin Cross Sections

66-Dy-145



6

Incident Energy (MeV)

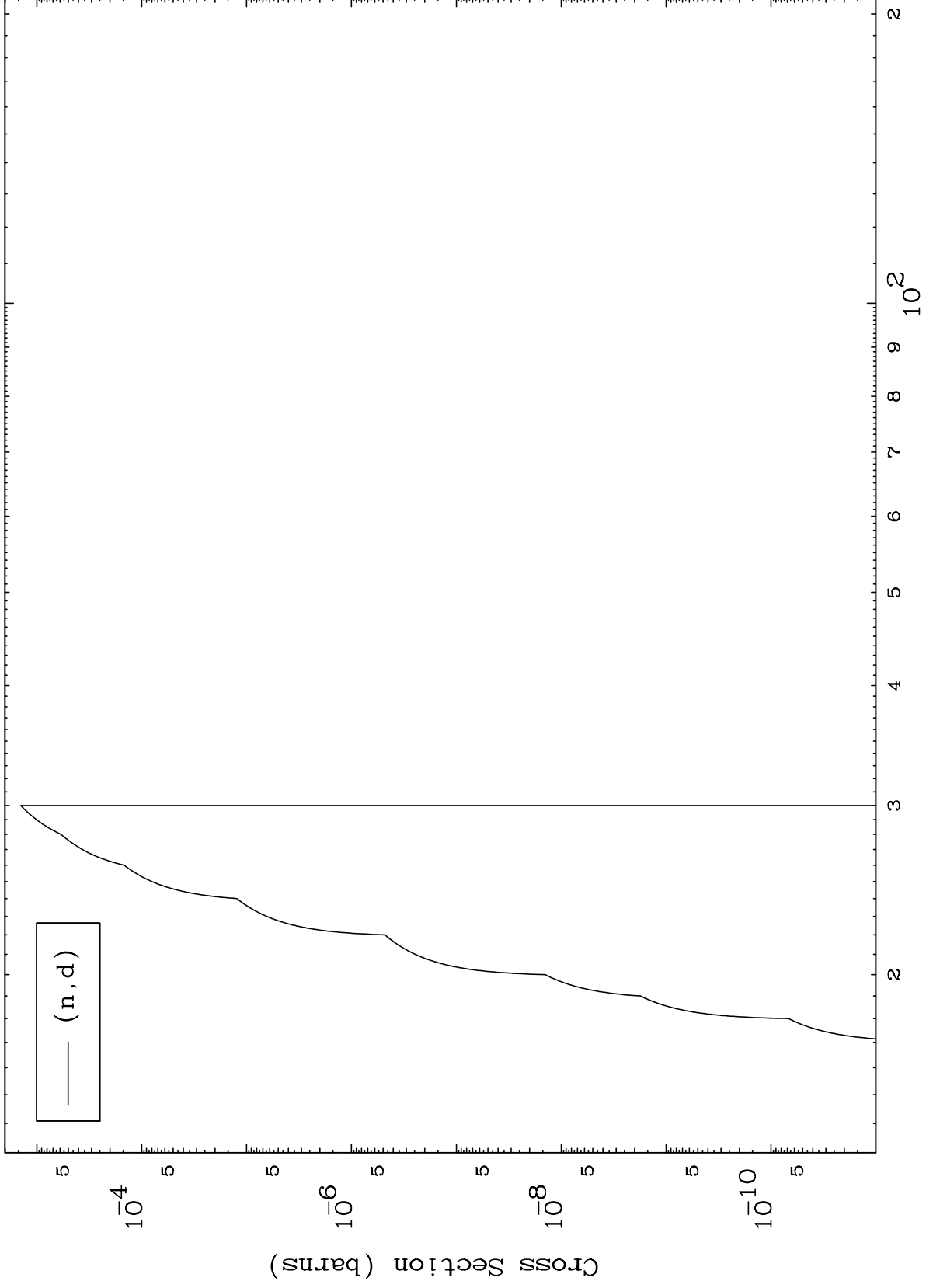
66-Dy-145

MAT 6592

(α, d) Levels

66-Dy-145

0 Kelvin Cross Sections



7

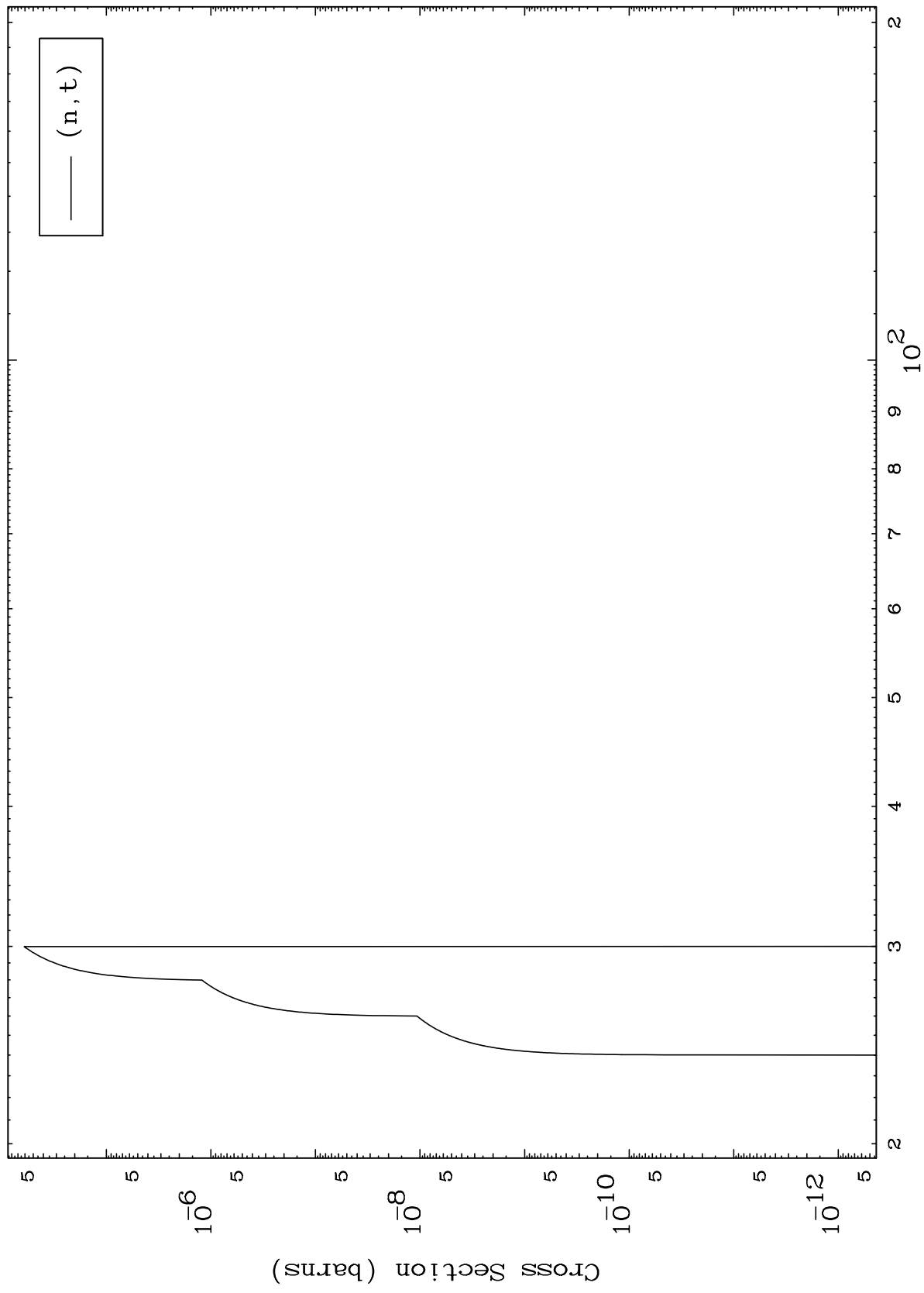
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

(α, t) Levels
0 Kelvin Cross Sections



66-Dy-145

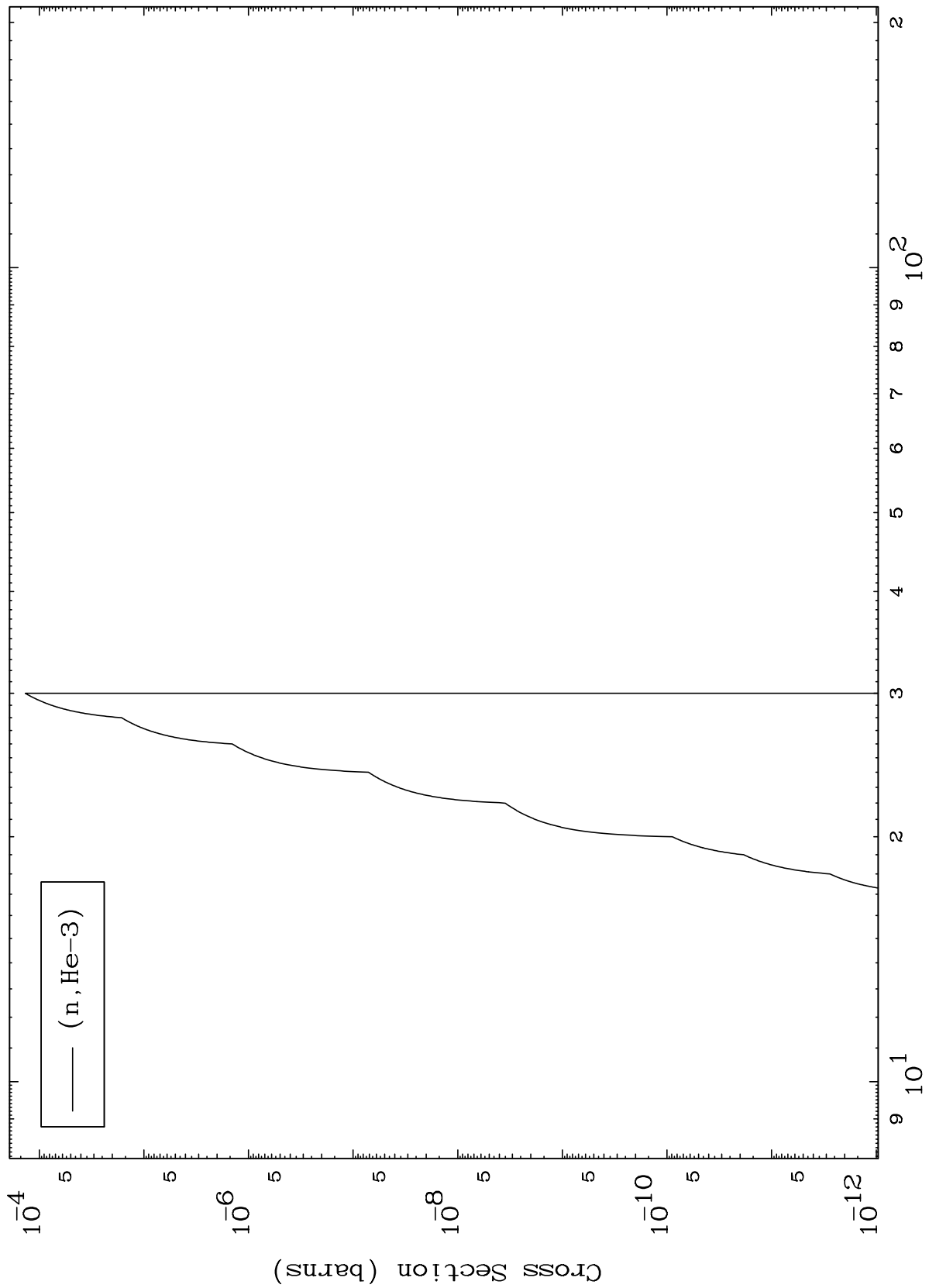
Incident Energy (MeV)

8

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66-Dy-145

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



(n, He-3)

66-Dy-145

Incident Energy (MeV)

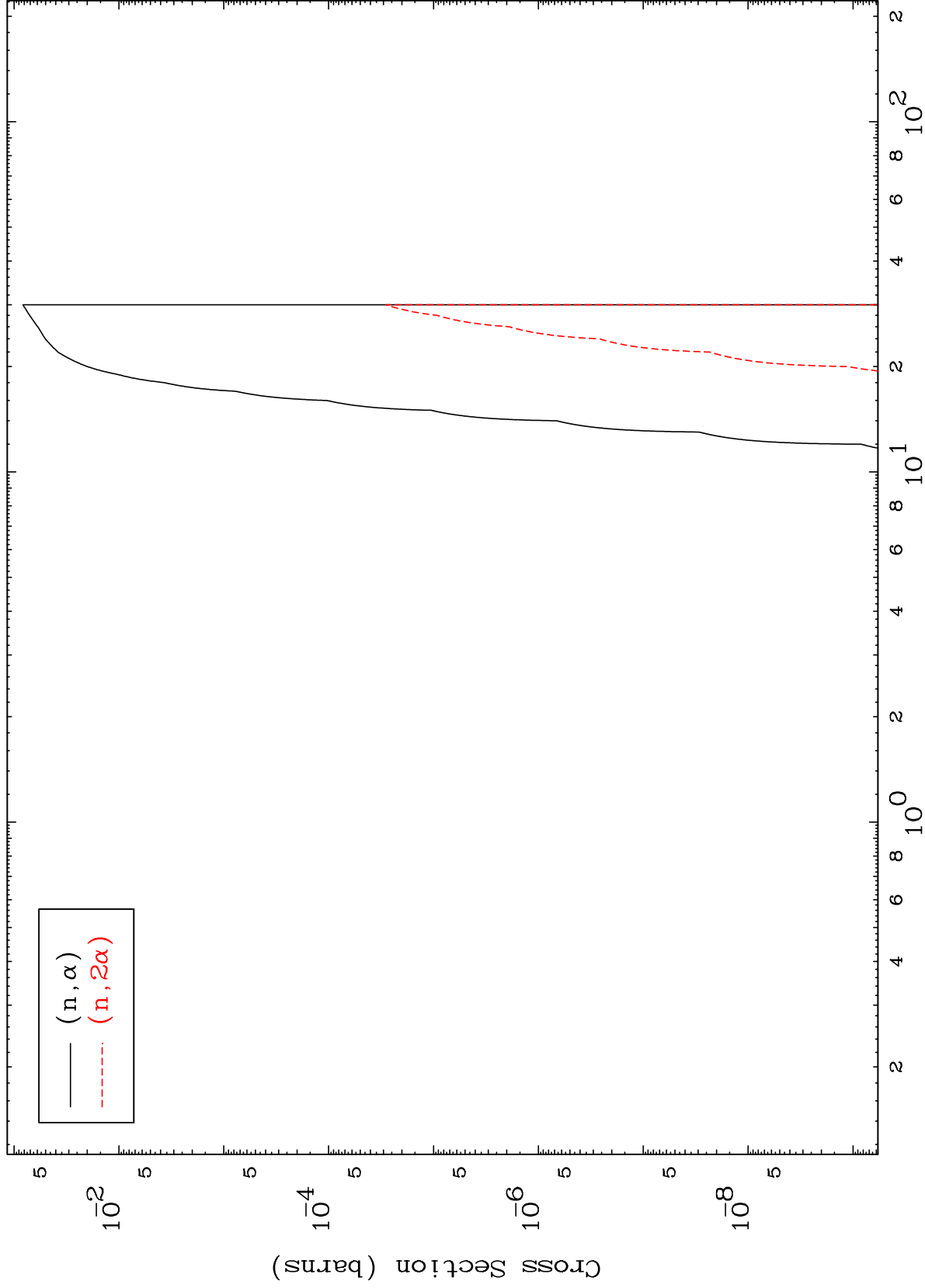
9

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(α, α) Levels

66-Dy-145

0 Kelvin Cross Sections



10

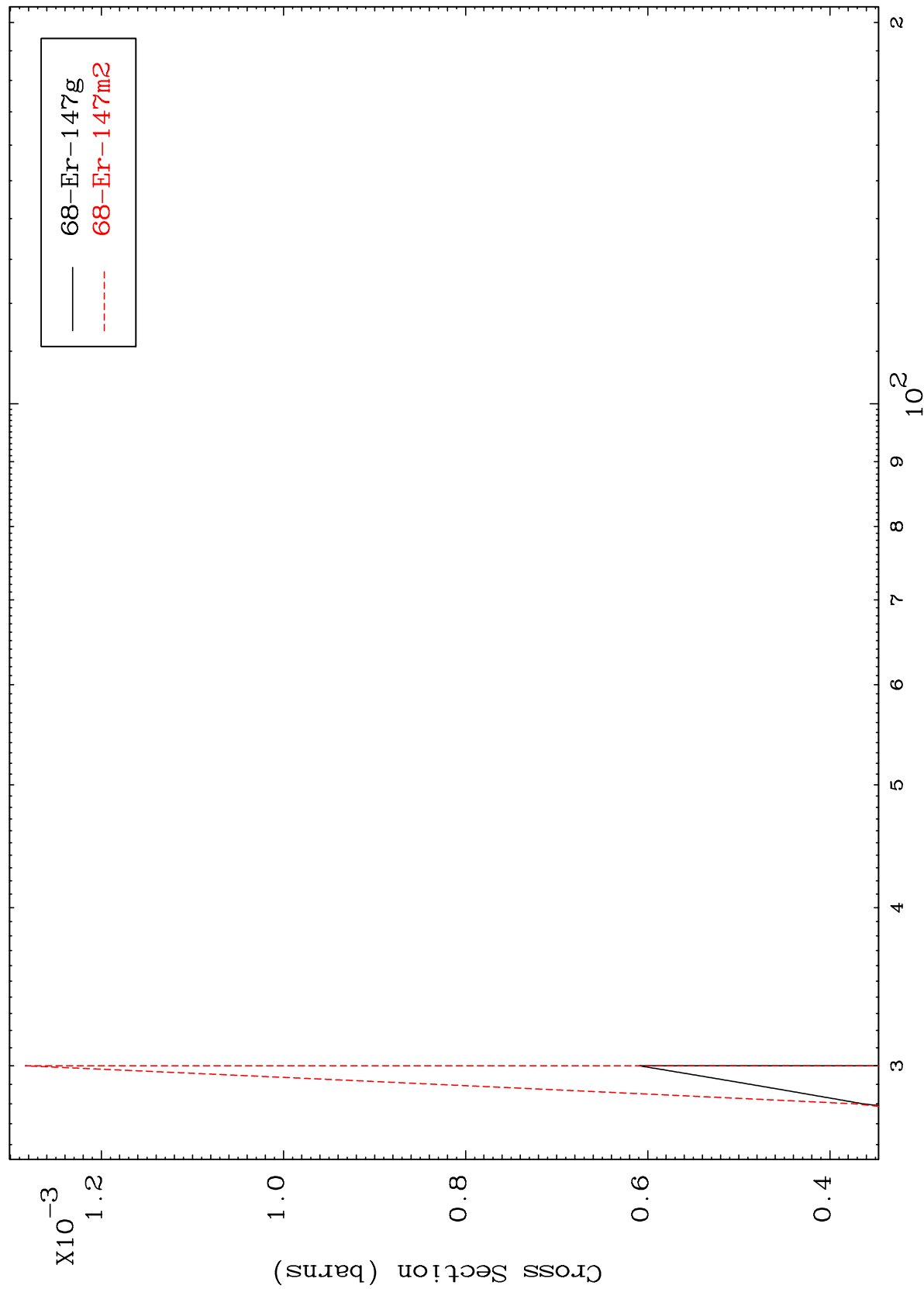
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

(n,2n)
Radionuclide Production Cross Section



$\times 10^{-3}$

Cross Section (barns)

68-Er-147g
68-Er-147m2

11

Incident Energy (MeV)

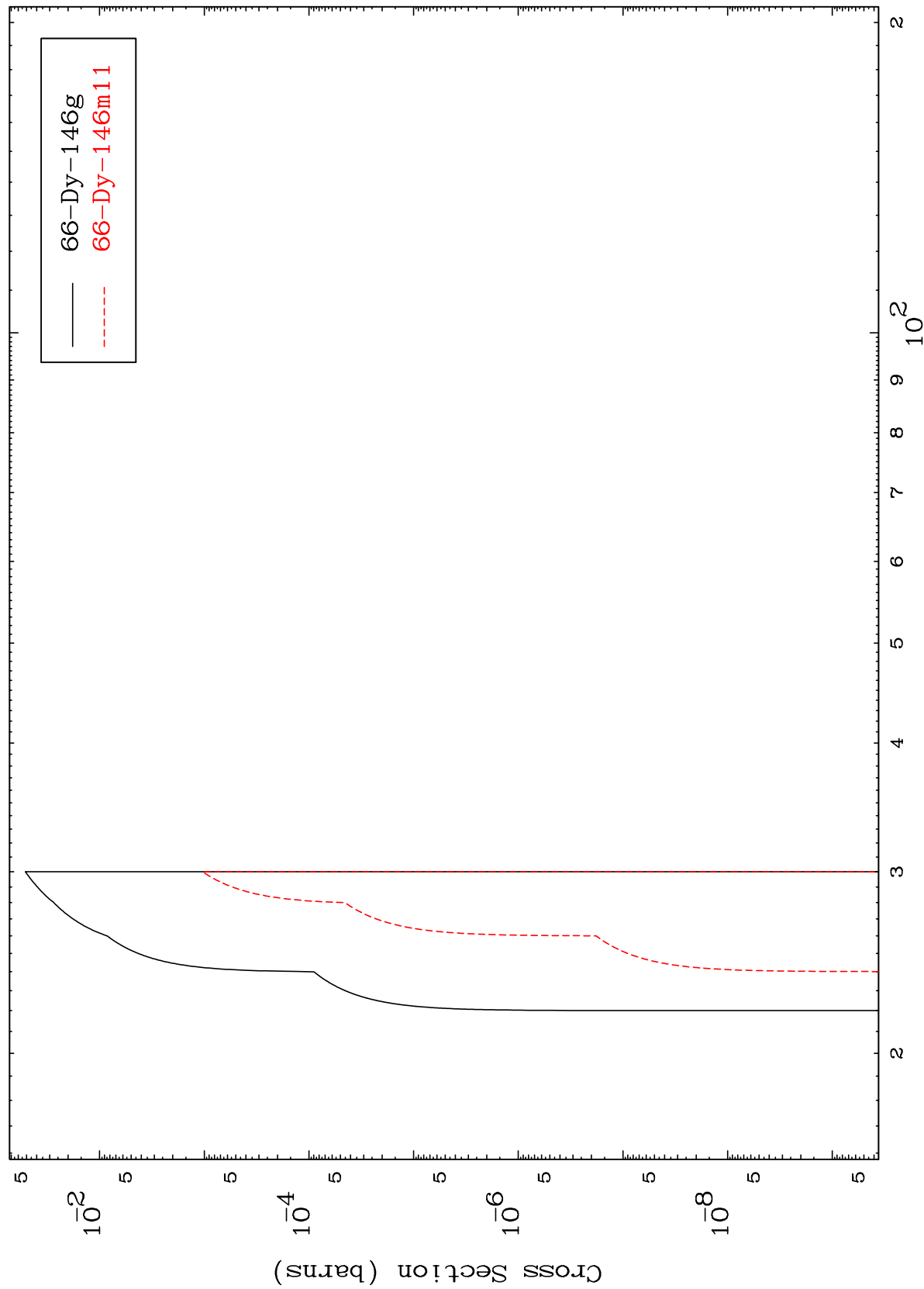
66-Dy-145

MAT 6592

(n,2n) p

66-Dy-145

Radionuclide Production Cross Section



12

Incident Energy (MeV)

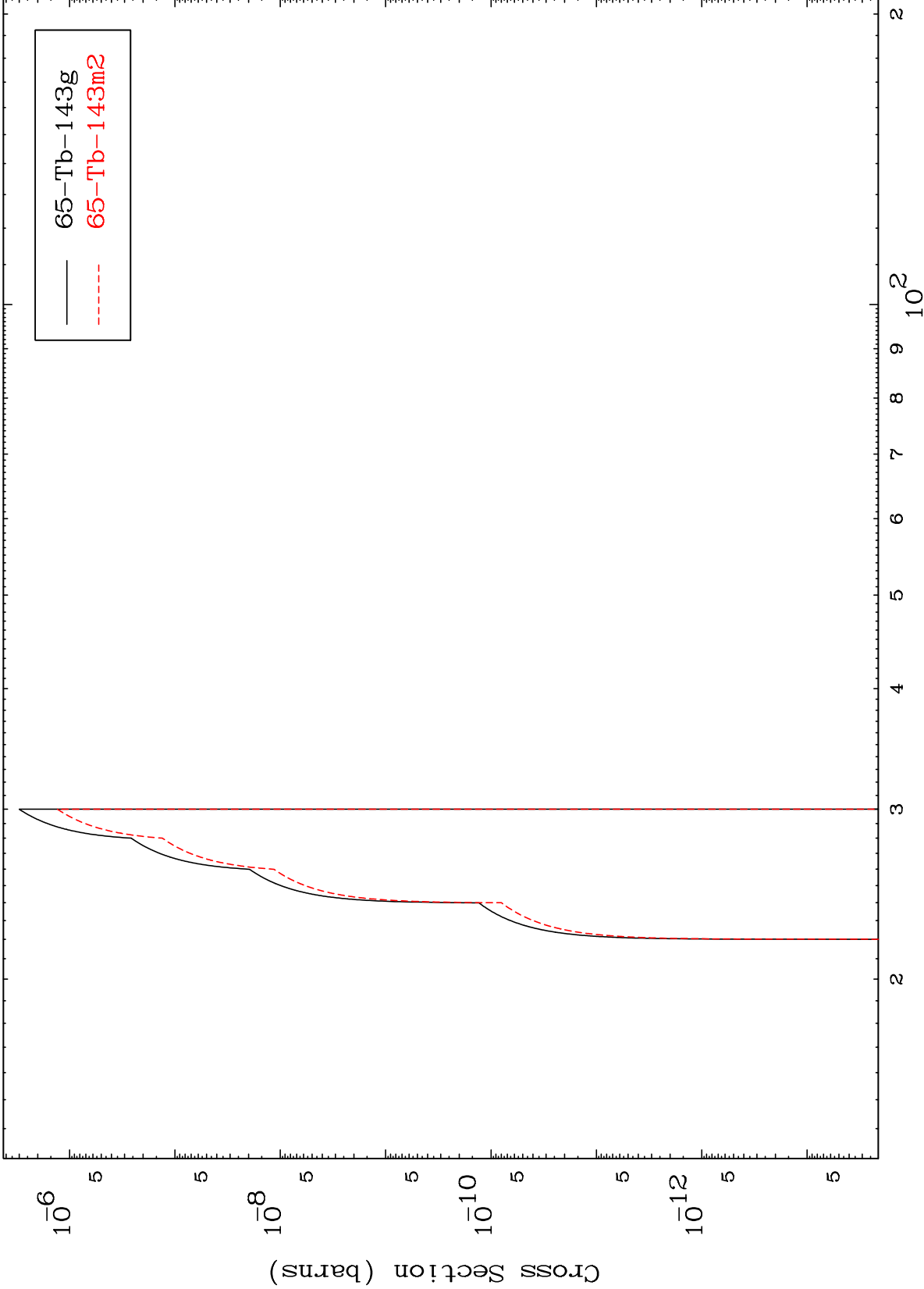
66-Dy-145

MAT 6592

(n,n') p α

66-Dy-145

Radionuclide Production Cross Section



13

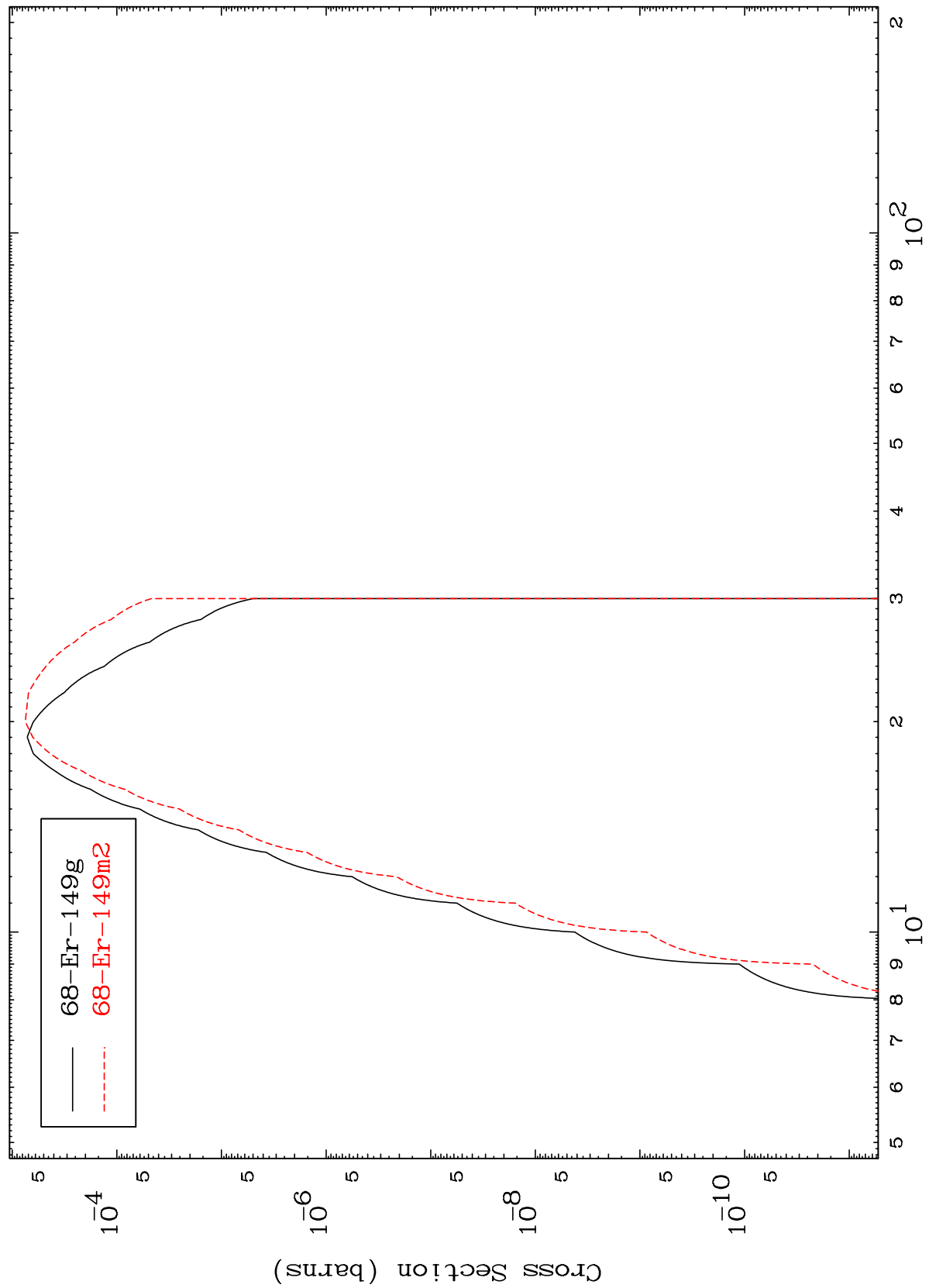
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

Radionuclide Production Cross Section
(n, γ)



14

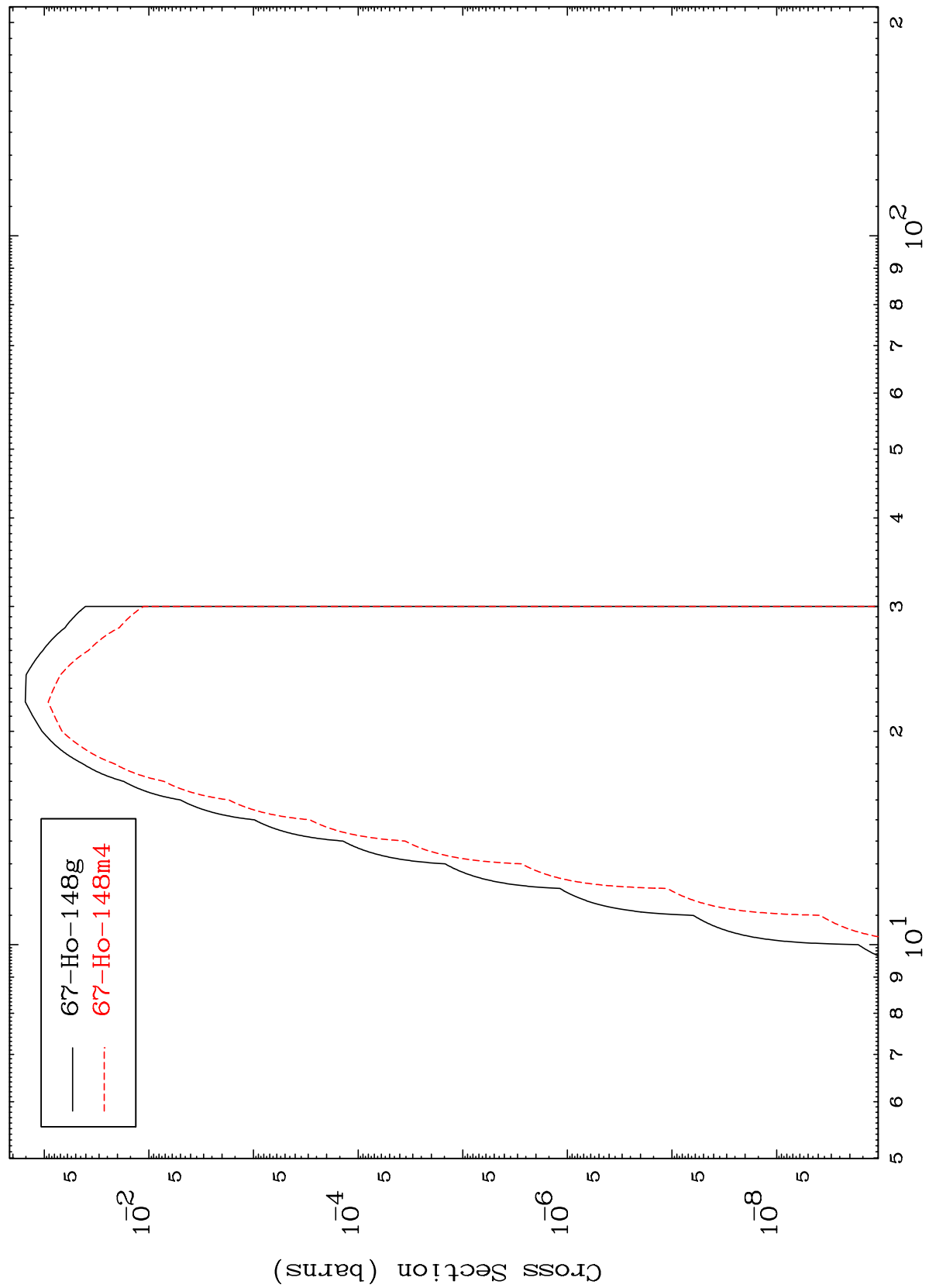
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

(n,p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

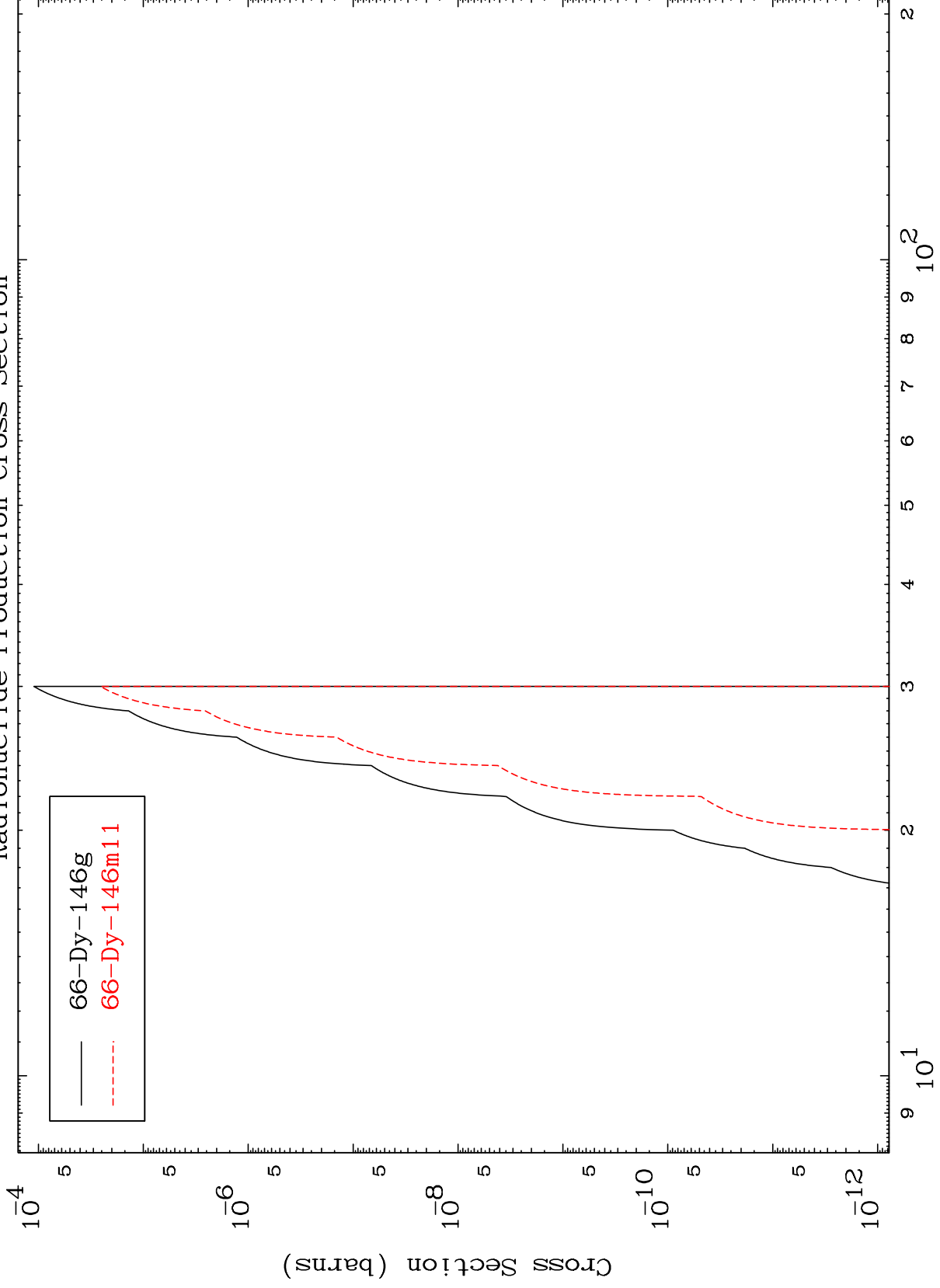
66-Dy-145

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(n,He-3)

66-Dy-145

Radionuclide Production Cross Section



66-Dy-146g
66-Dy-146m11

16

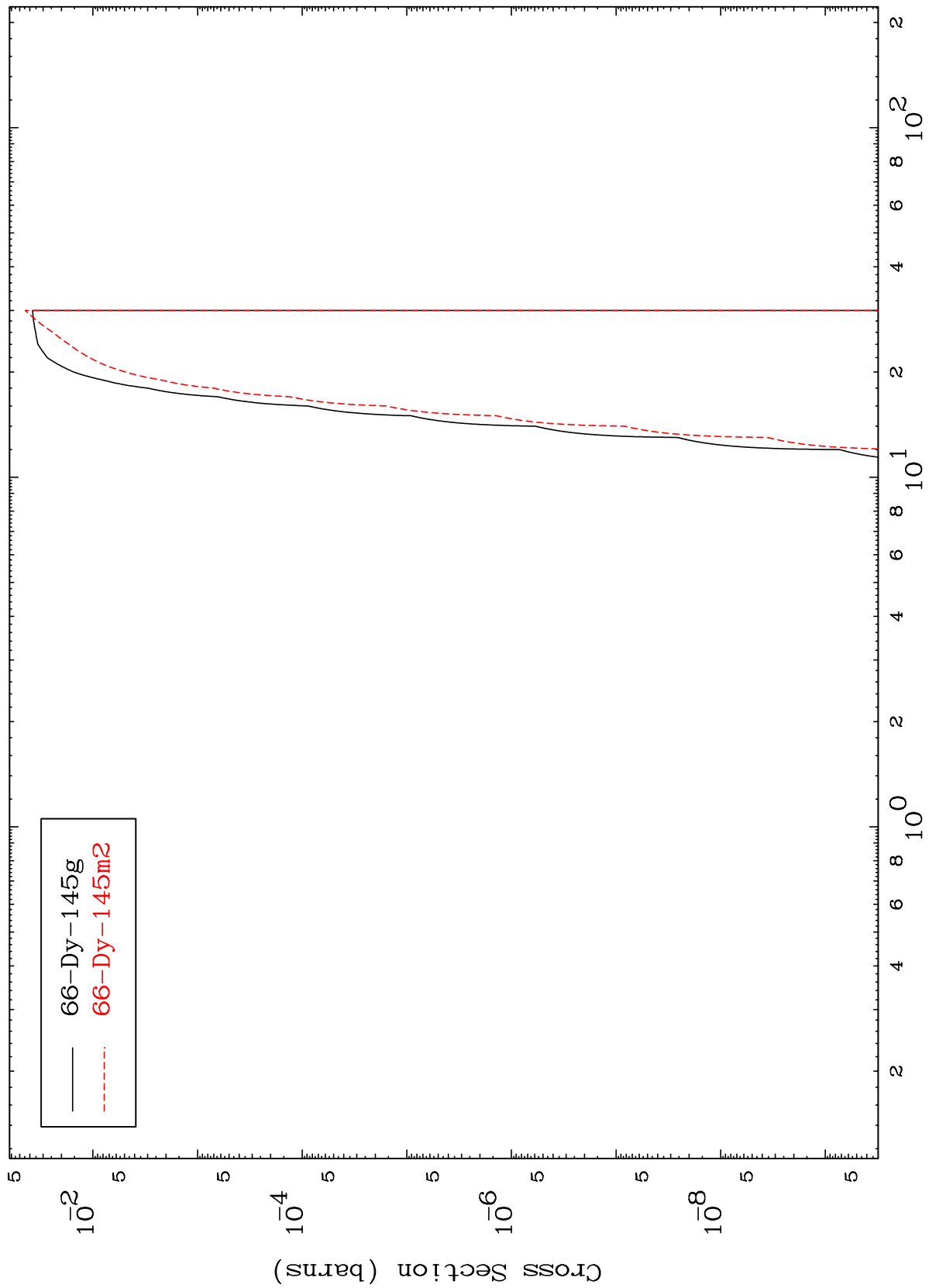
Incident Energy (MeV)

66-Dy-145

MAT 6592

66-Dy-145

(n, α)
Radionuclide Production Cross Section



66-Dy-145

Incident Energy (MeV)

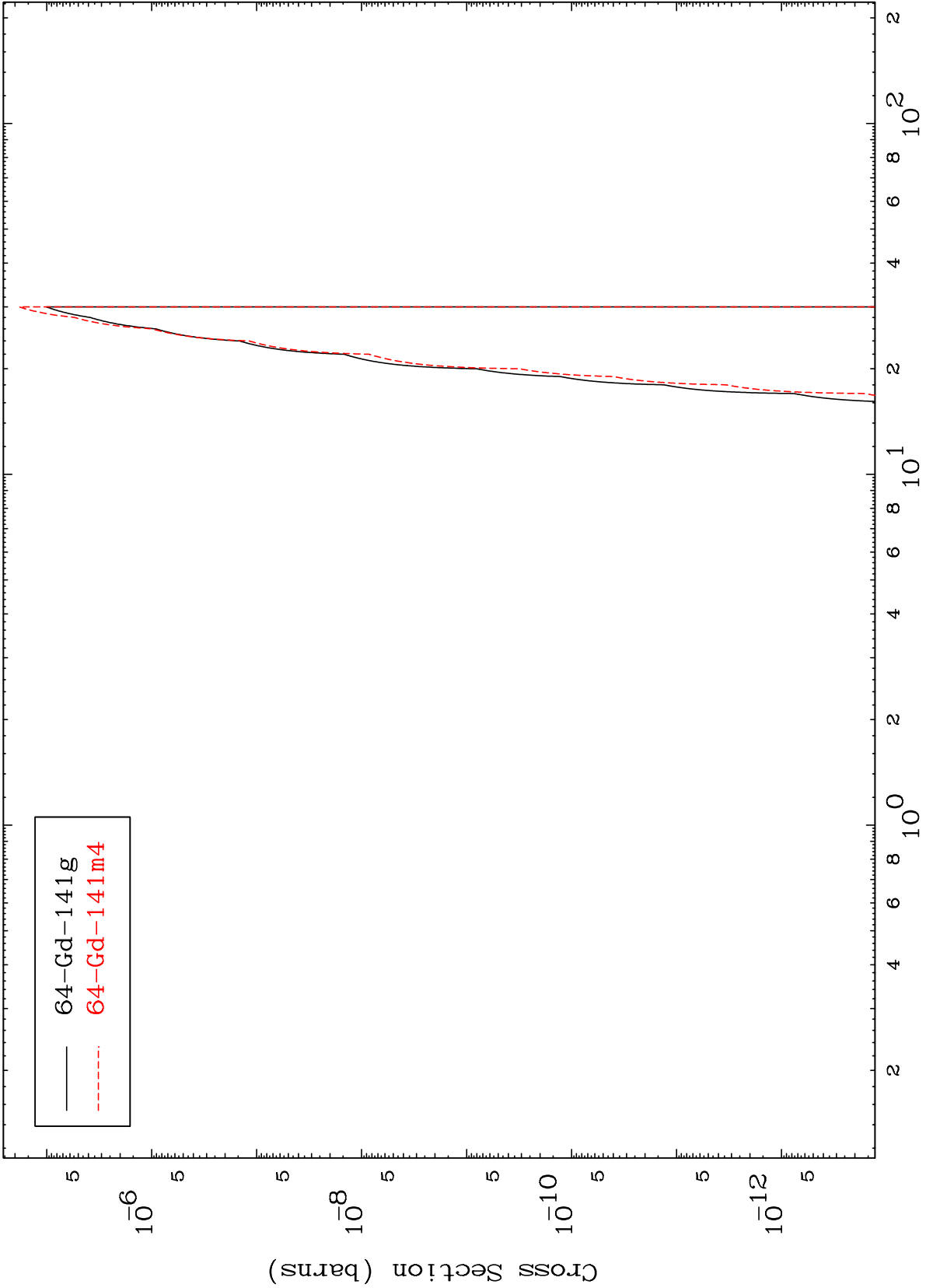
17

MAT 6592

(n,2α)

66-Dy-145

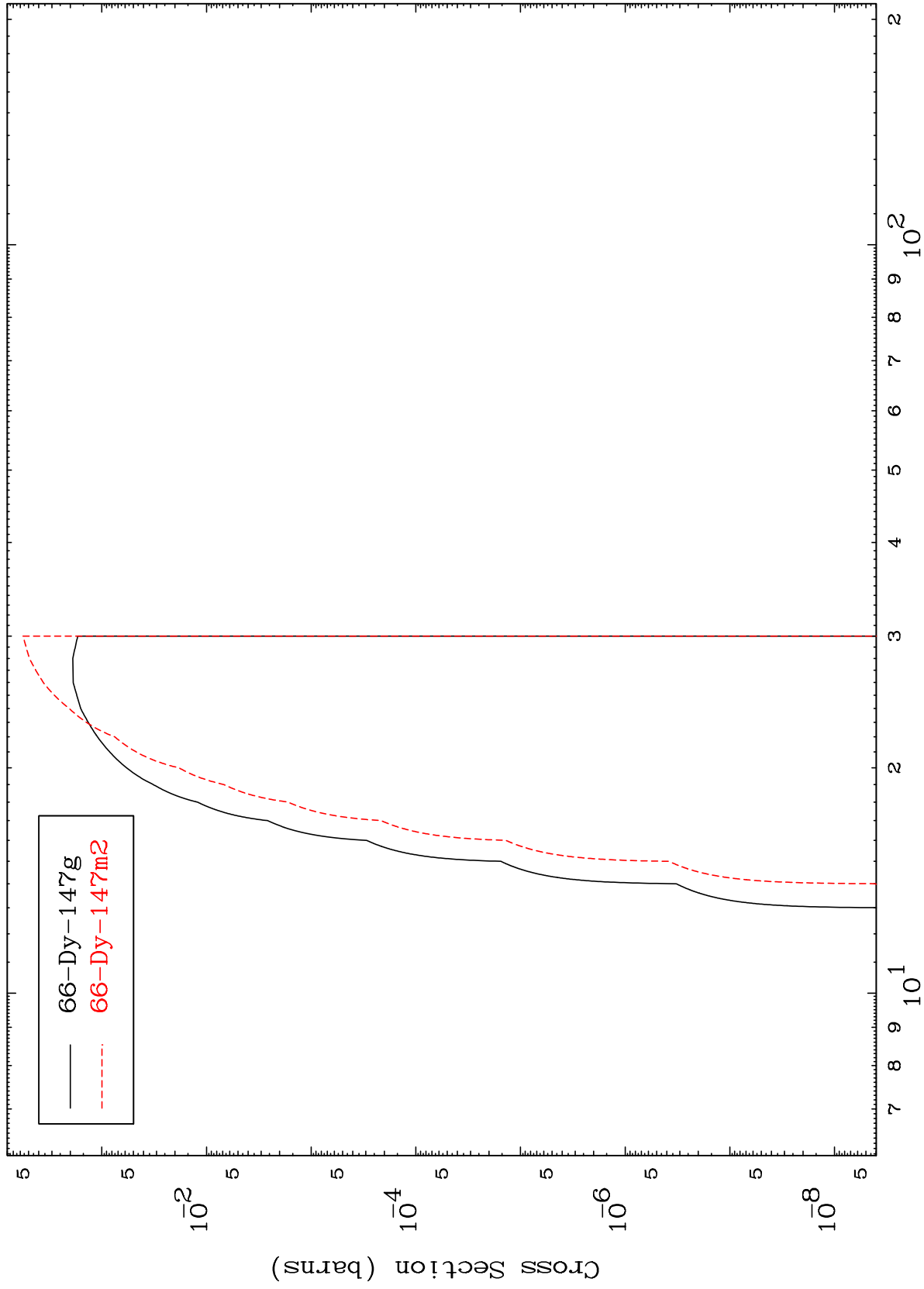
Radionuclide Production Cross Section



MAT 6592

66-Dy-145

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

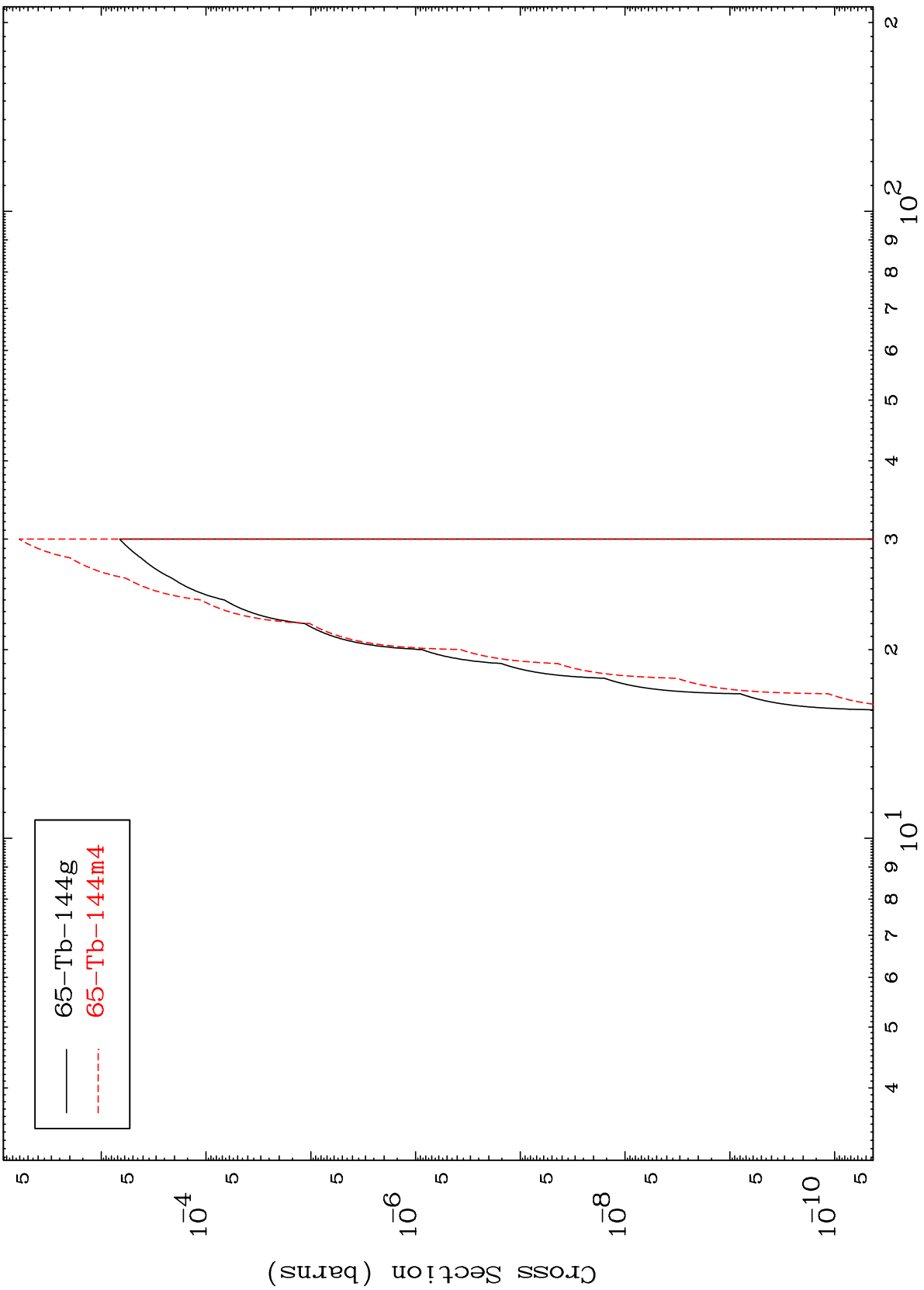
66-Dy-145

MAT 6592

(n,p) α

66-Dy-145

Radionuclide Production Cross Section



20

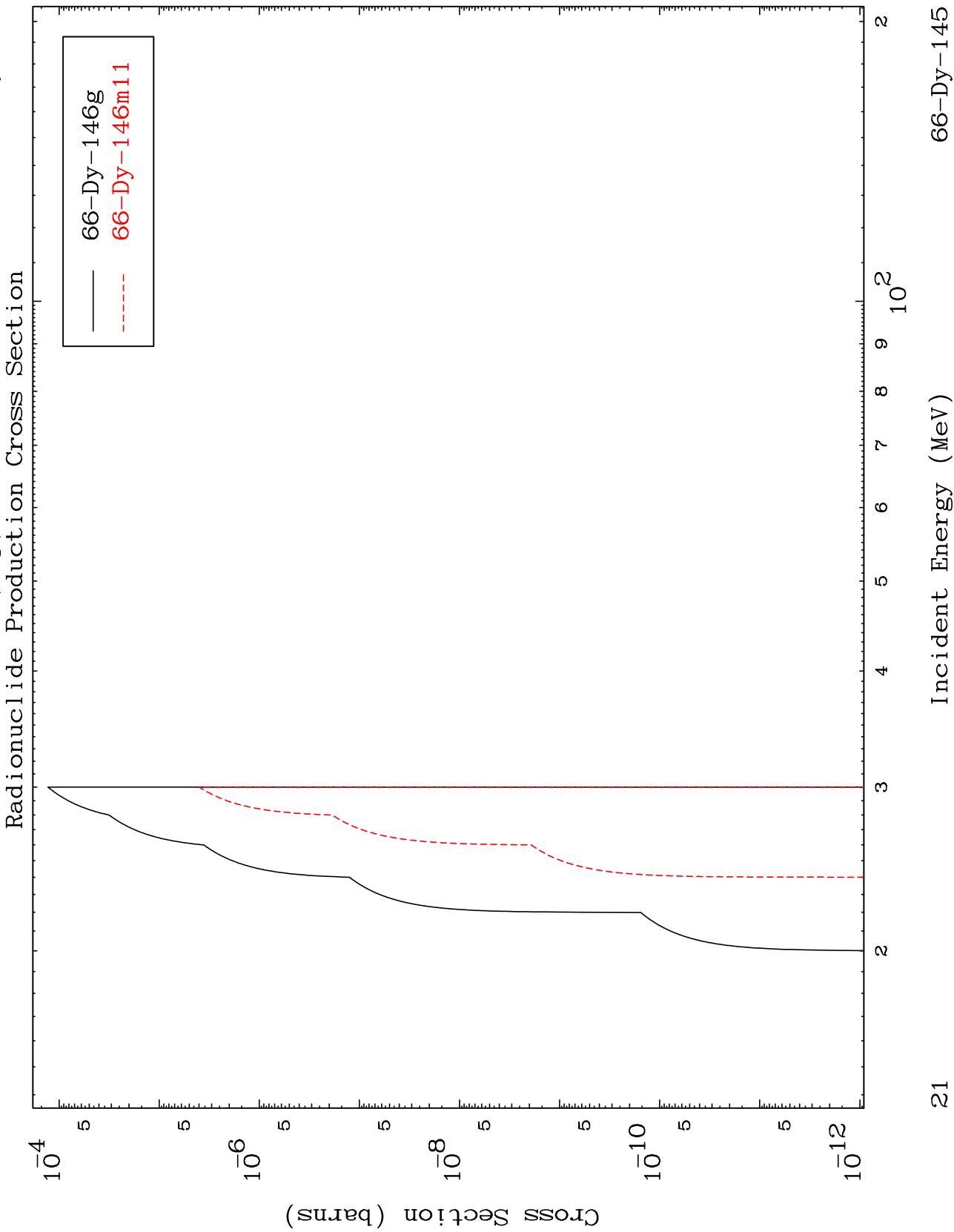
Incident Energy (MeV)

66-Dy-145

MAT 6592

(n,p) d

66-Dy-145

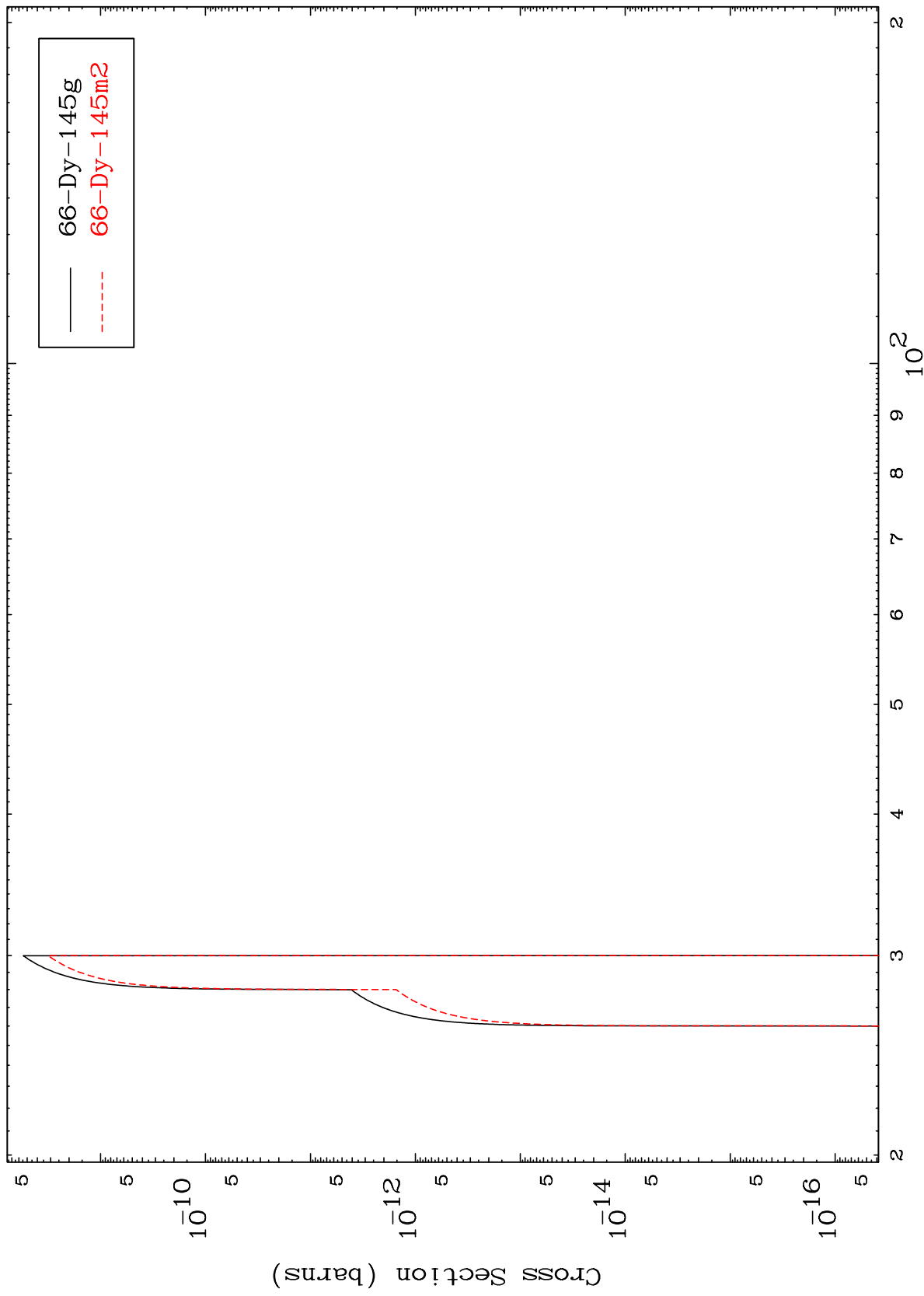


MAT 6592

(n,p) t

66-Dy-145

Radionuclide Production Cross Section



22

Incident Energy (MeV)

66-Dy-145

MAT 6592

(n,d) α

66-Dy-145

Radionuclide Production Cross Section

