

Program EVALPLOT
(Version 2021-1)

by

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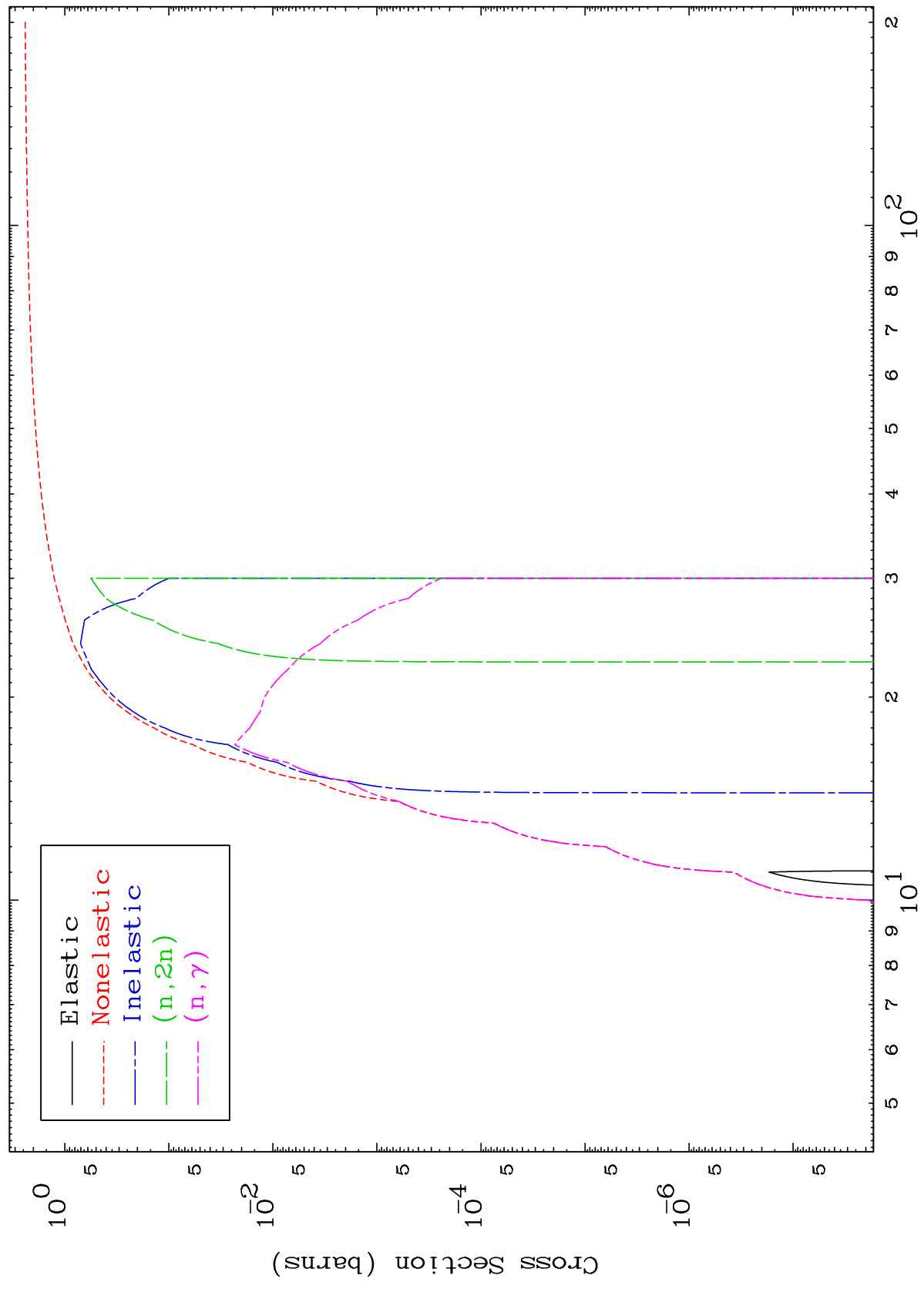
Press Mouse Button to Start

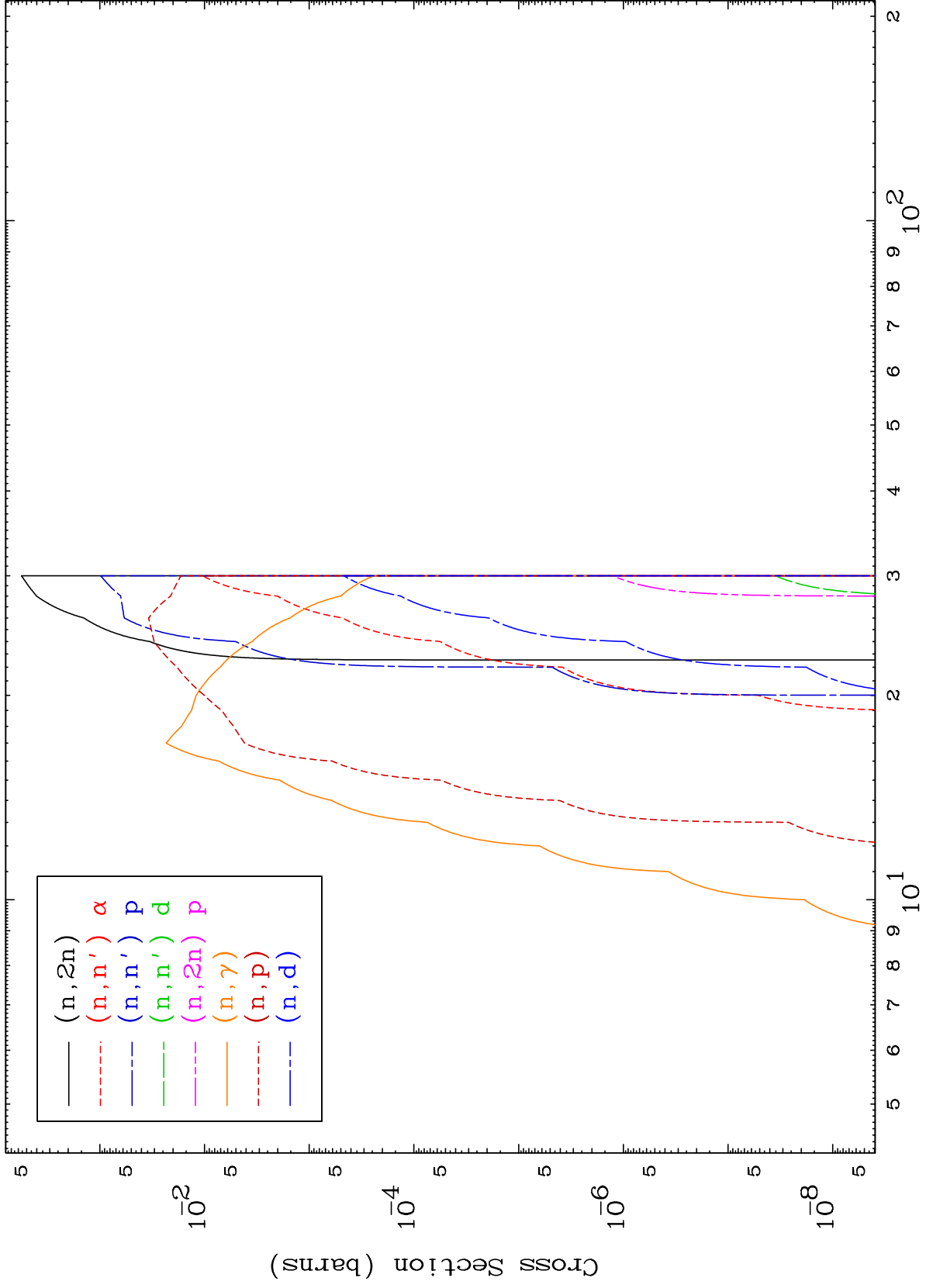
MAT 6407

0 Kelvin

α Major

64-Gd-146

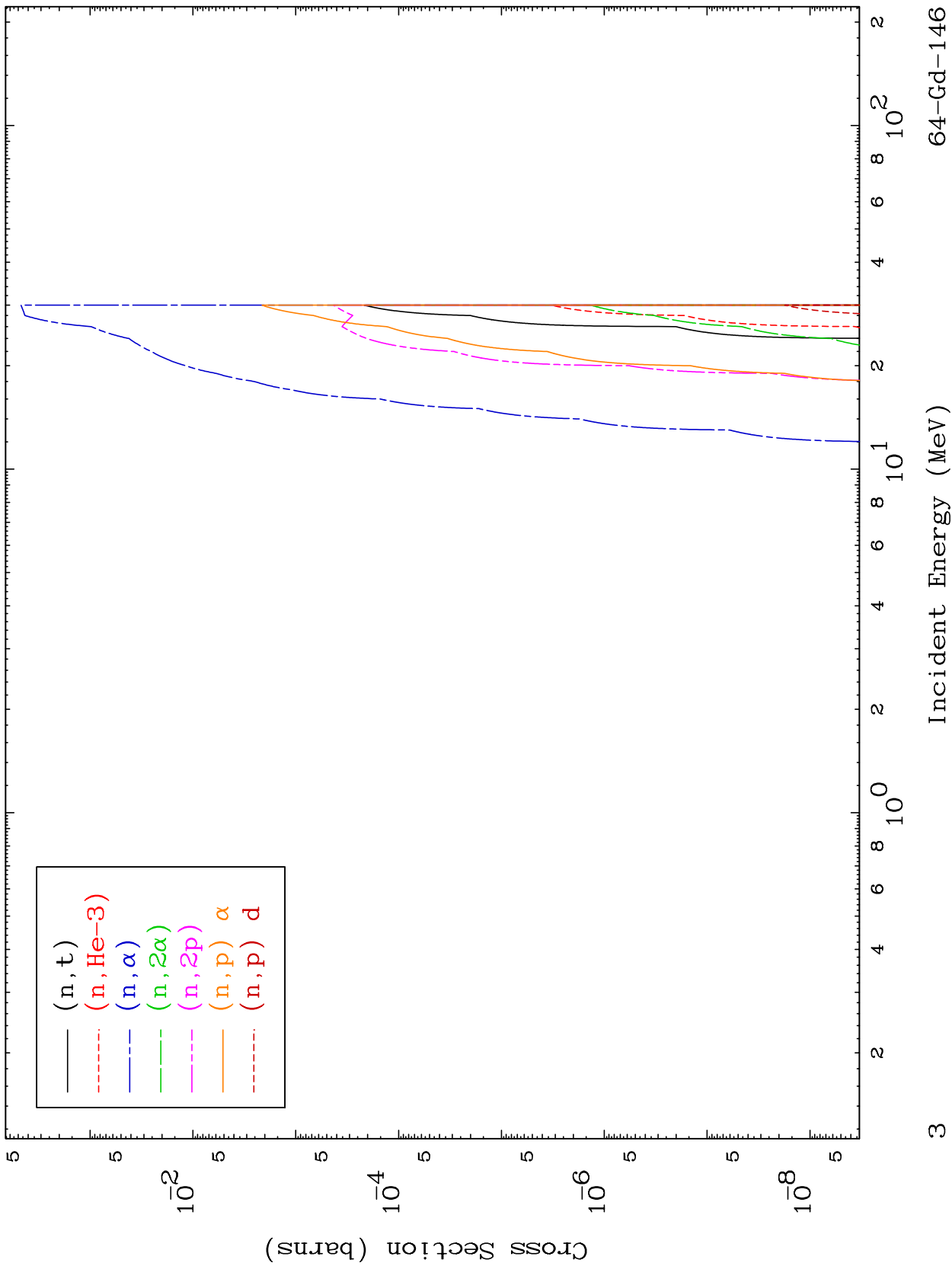




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α Neutron Absorption
0 Kelvin Cross Sections

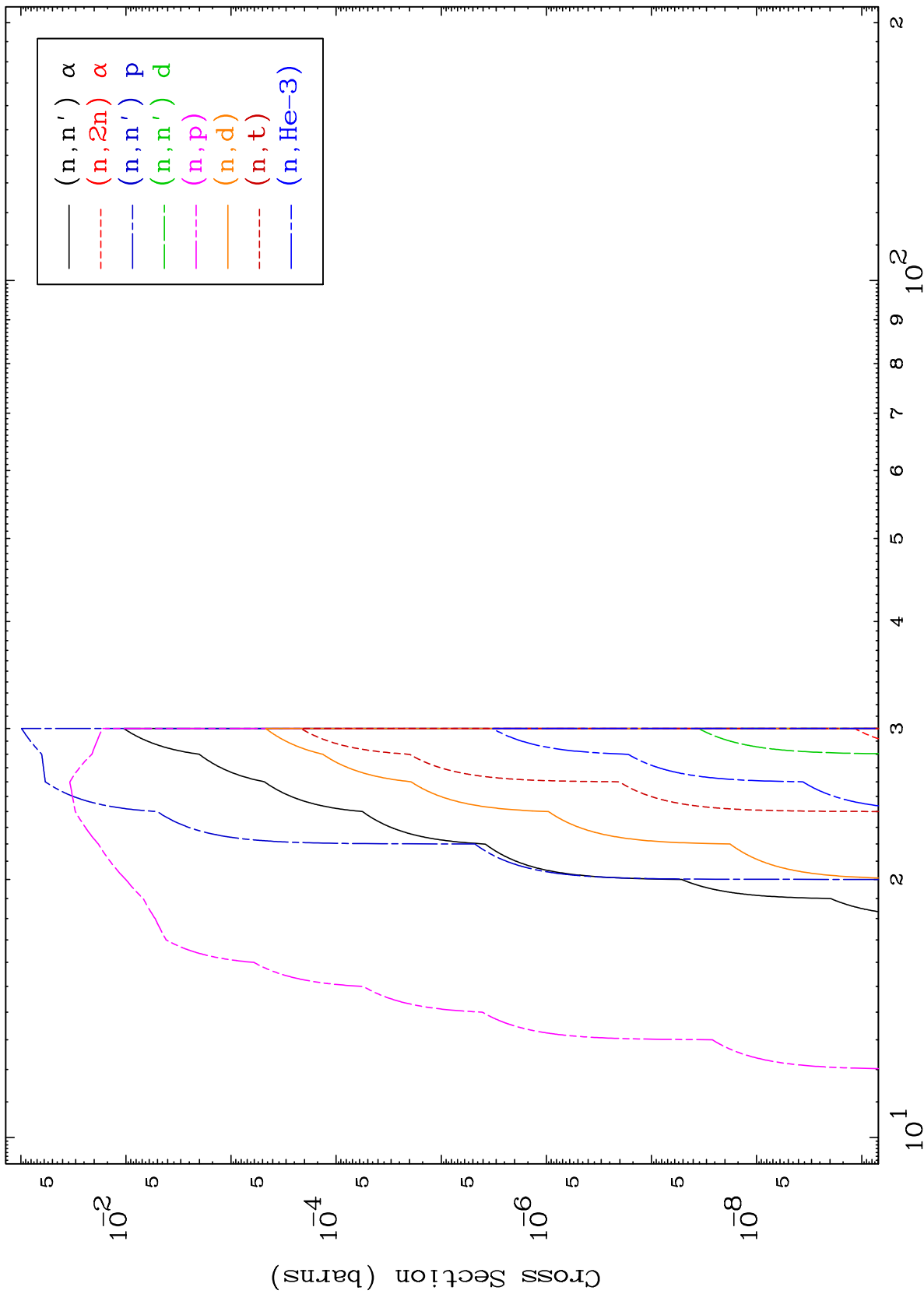
64-Gd-146



MAT 6407

α Charged Particle
0 Kelvin Cross Sections

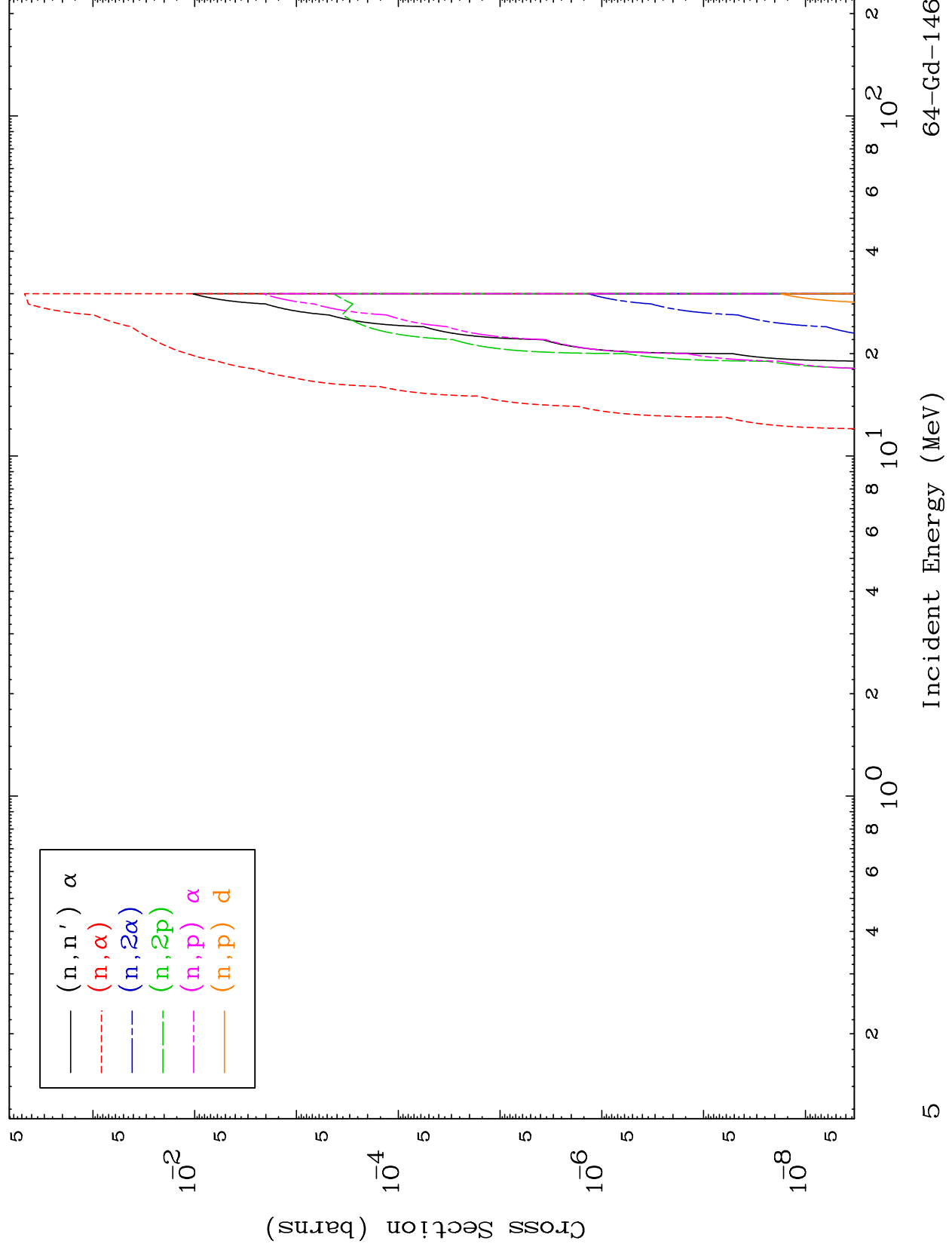
64-Gd-146



64-Gd-146

Incident Energy (MeV)

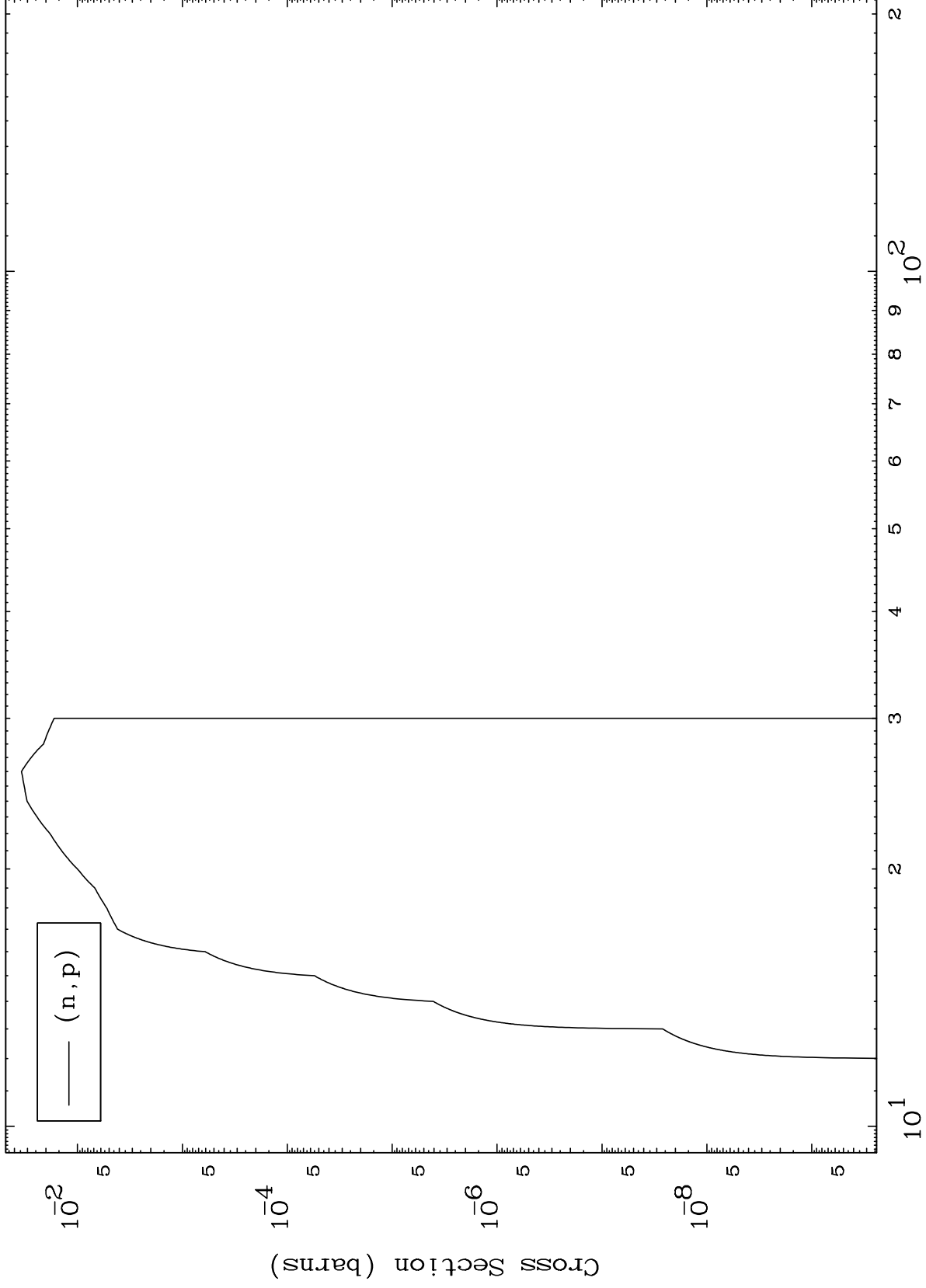
4



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(α, p) Levels
0 Kelvin Cross Sections

64-Gd-146



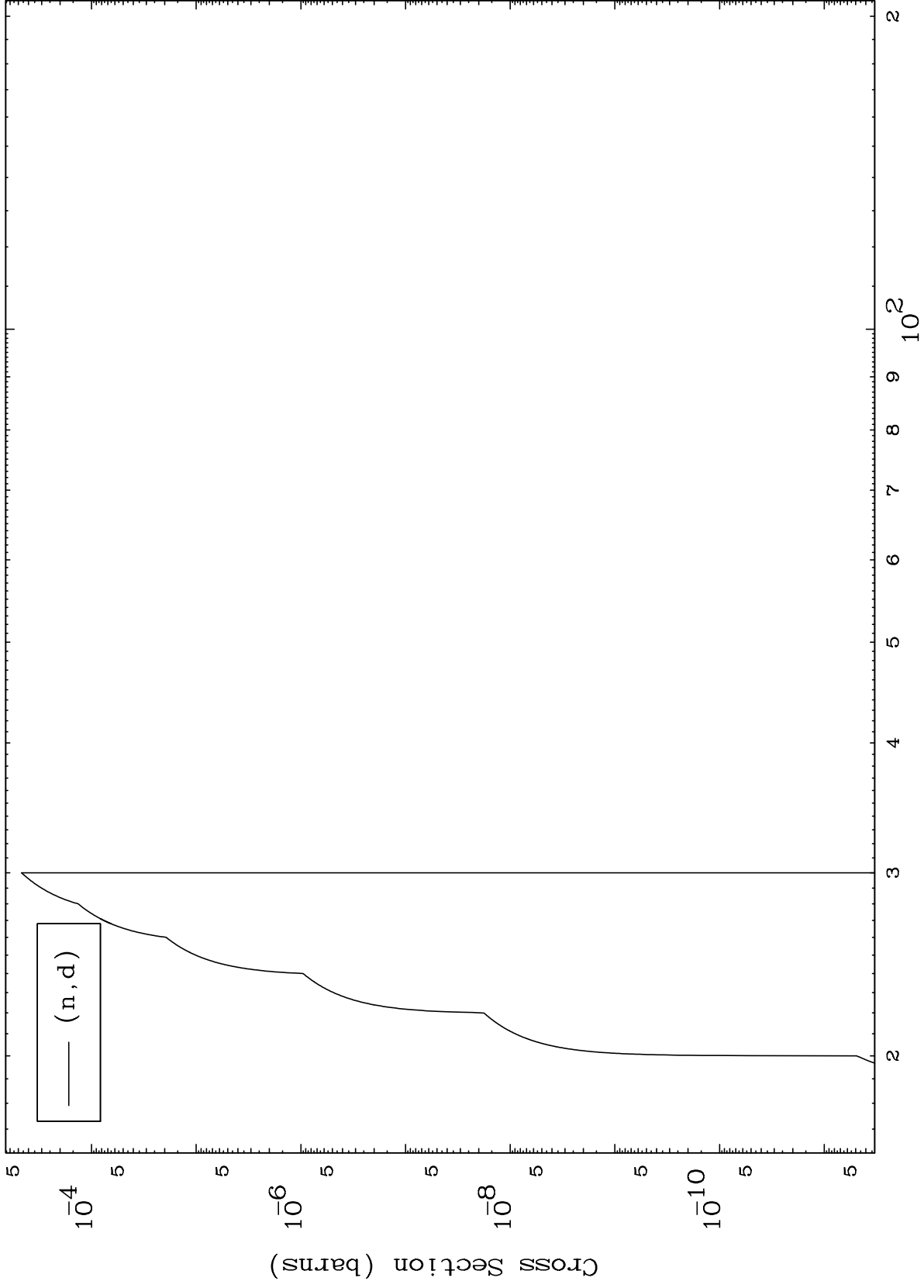
Incident Energy (MeV)

64-Gd-146

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(α, d) Levels
0 Kelvin Cross Sections

64-Gd-146



7

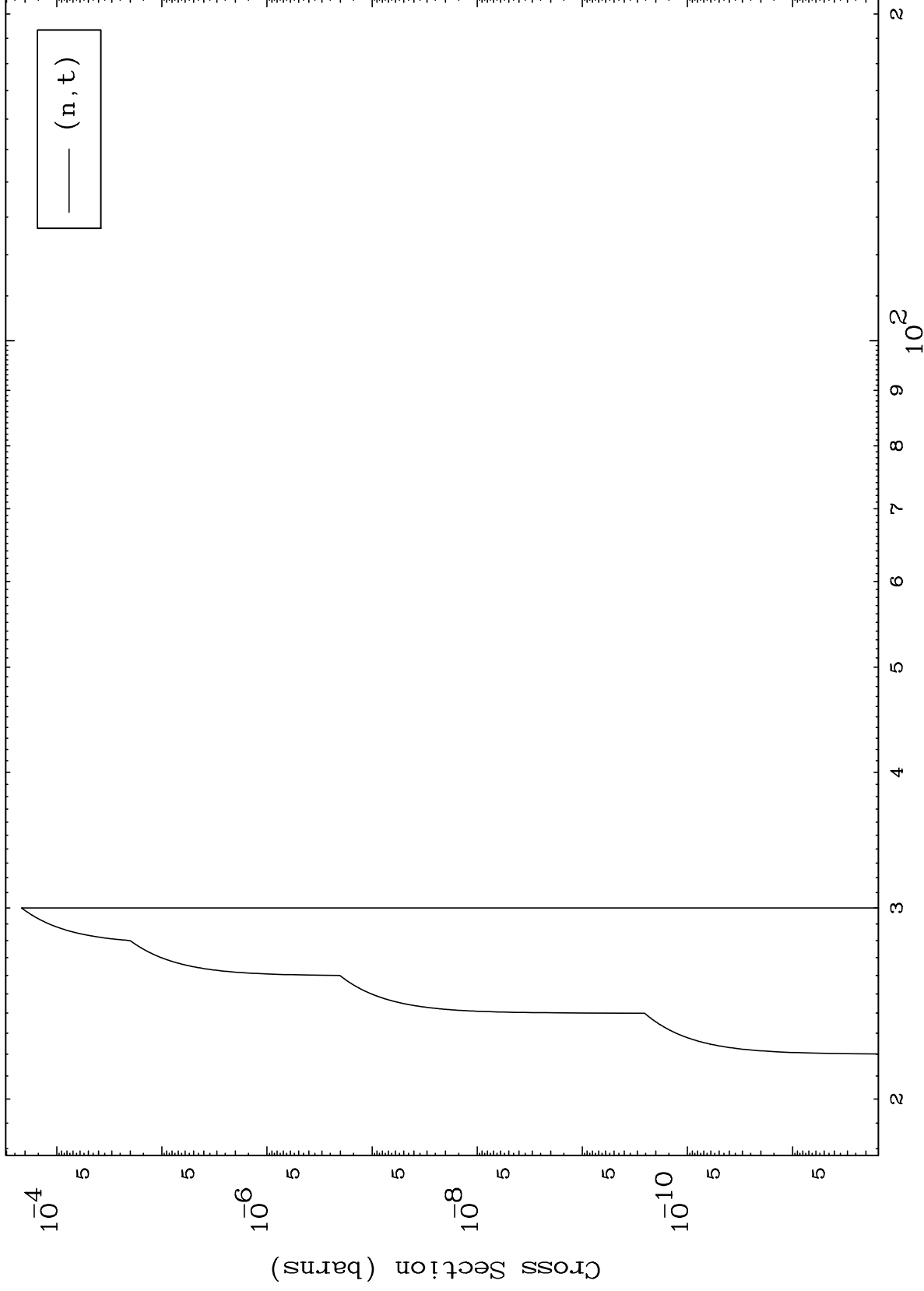
Incident Energy (MeV)

64-Gd-146

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(α, t) Levels
0 Kelvin Cross Sections

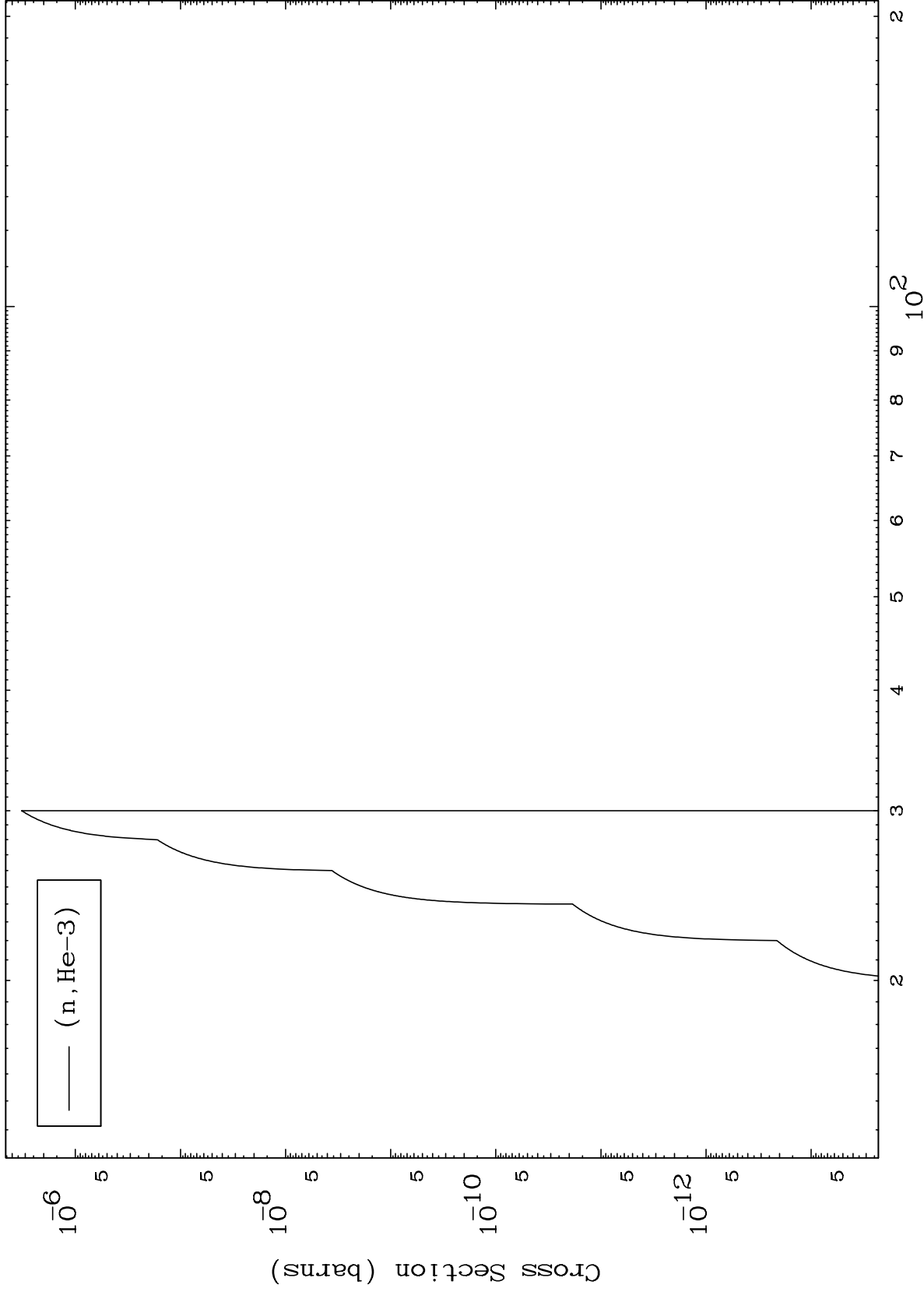
64-Gd-146



8

Incident Energy (MeV)

64-Gd-146

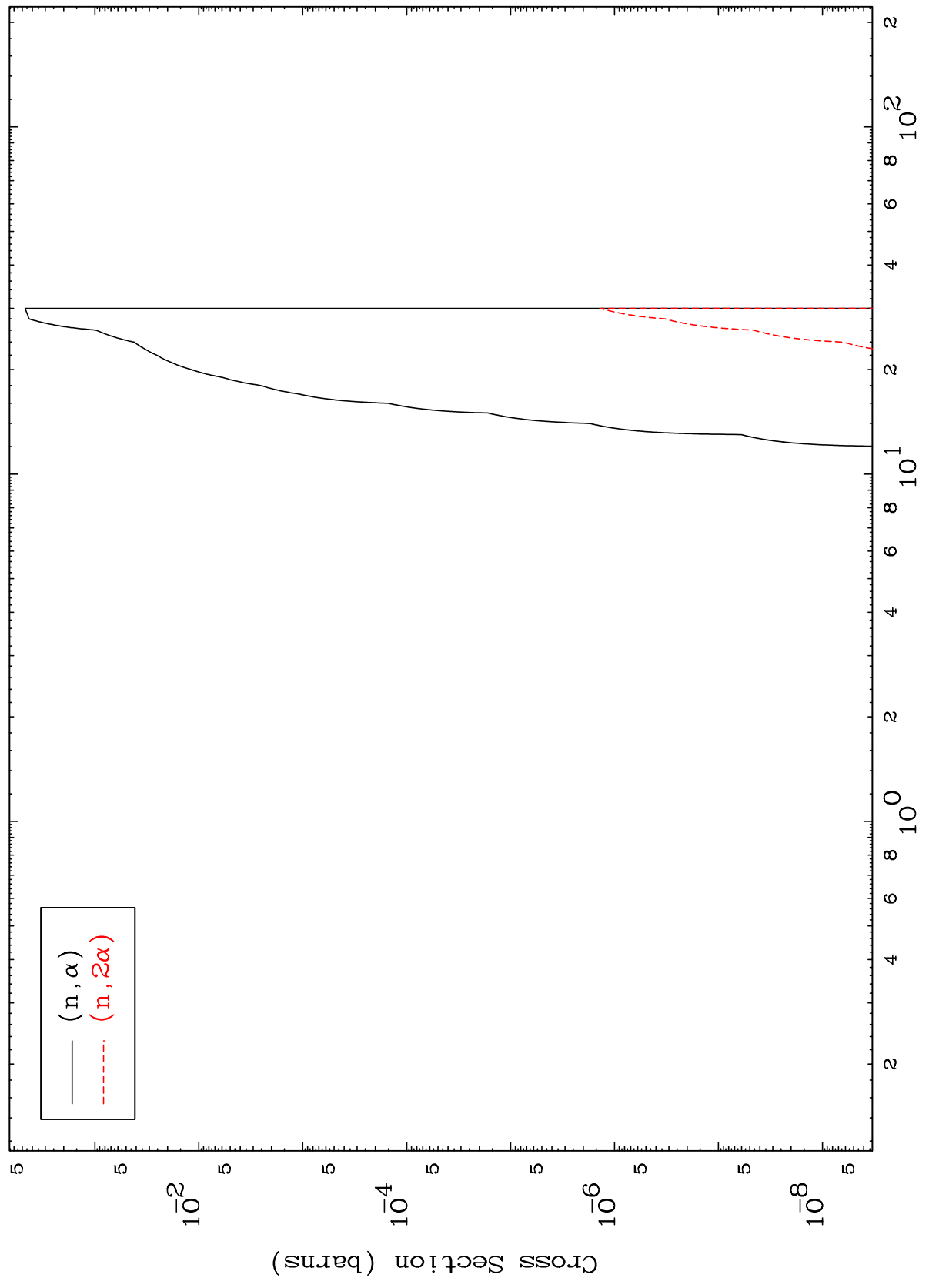


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(α, α) Levels

64-Gd-146

0 Kelvin Cross Sections

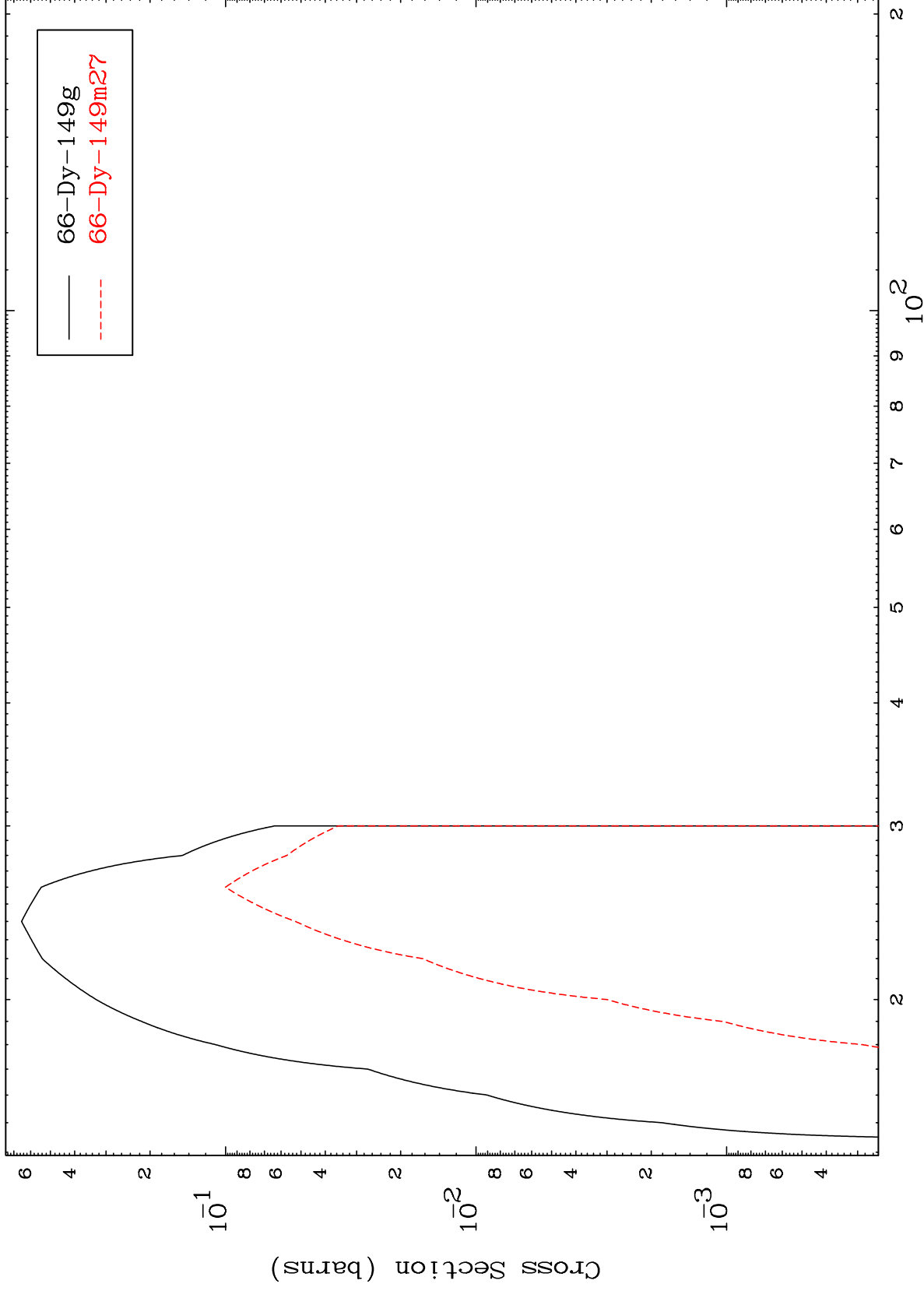


— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

64-Gd-146

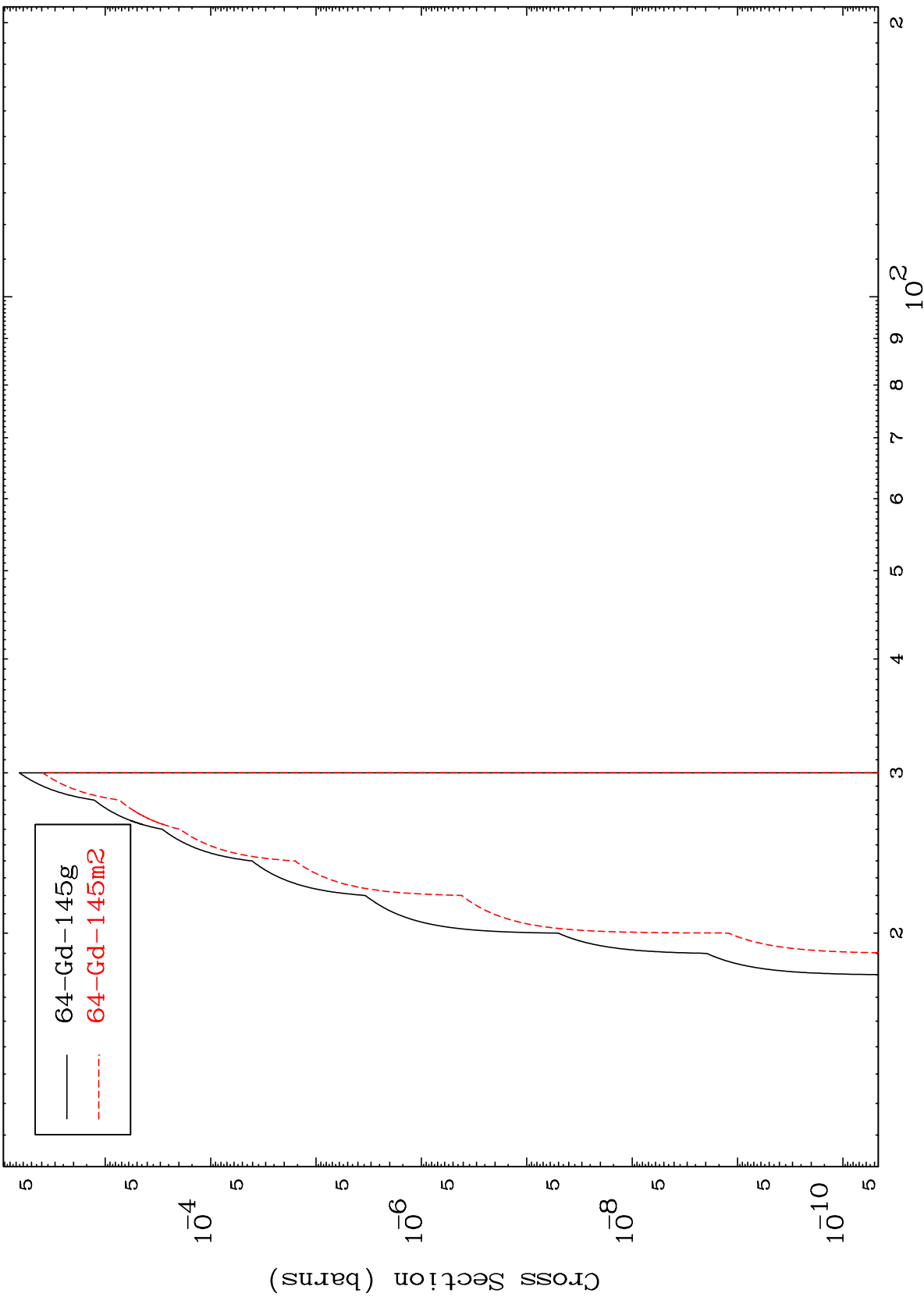


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(n,n') α

64-Gd-146

Radionuclide Production Cross Section



12

Incident Energy (MeV)

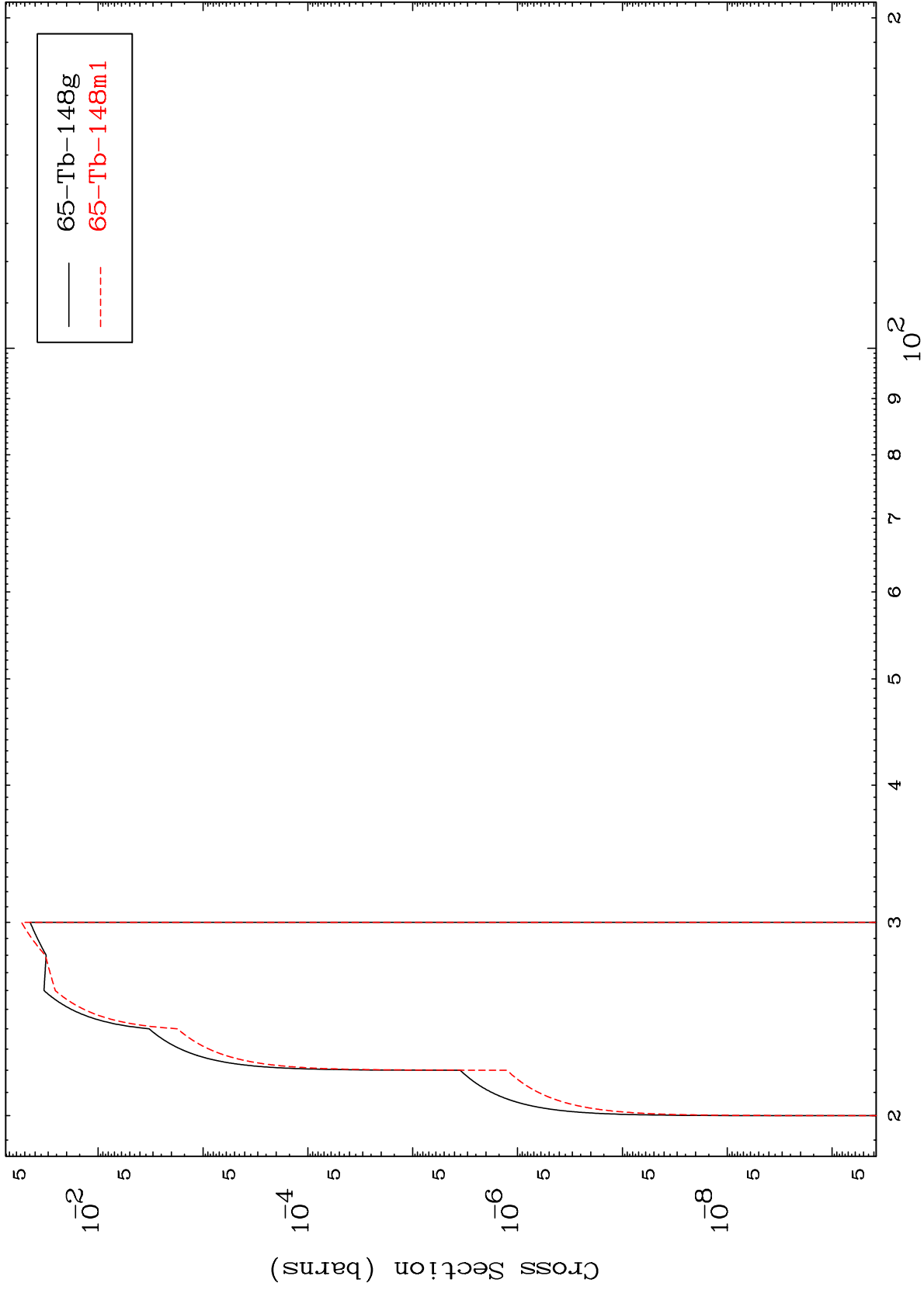
64-Gd-146

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(n,n') p

64-Gd-146

Radionuclide Production Cross Section



13

Incident Energy (MeV)

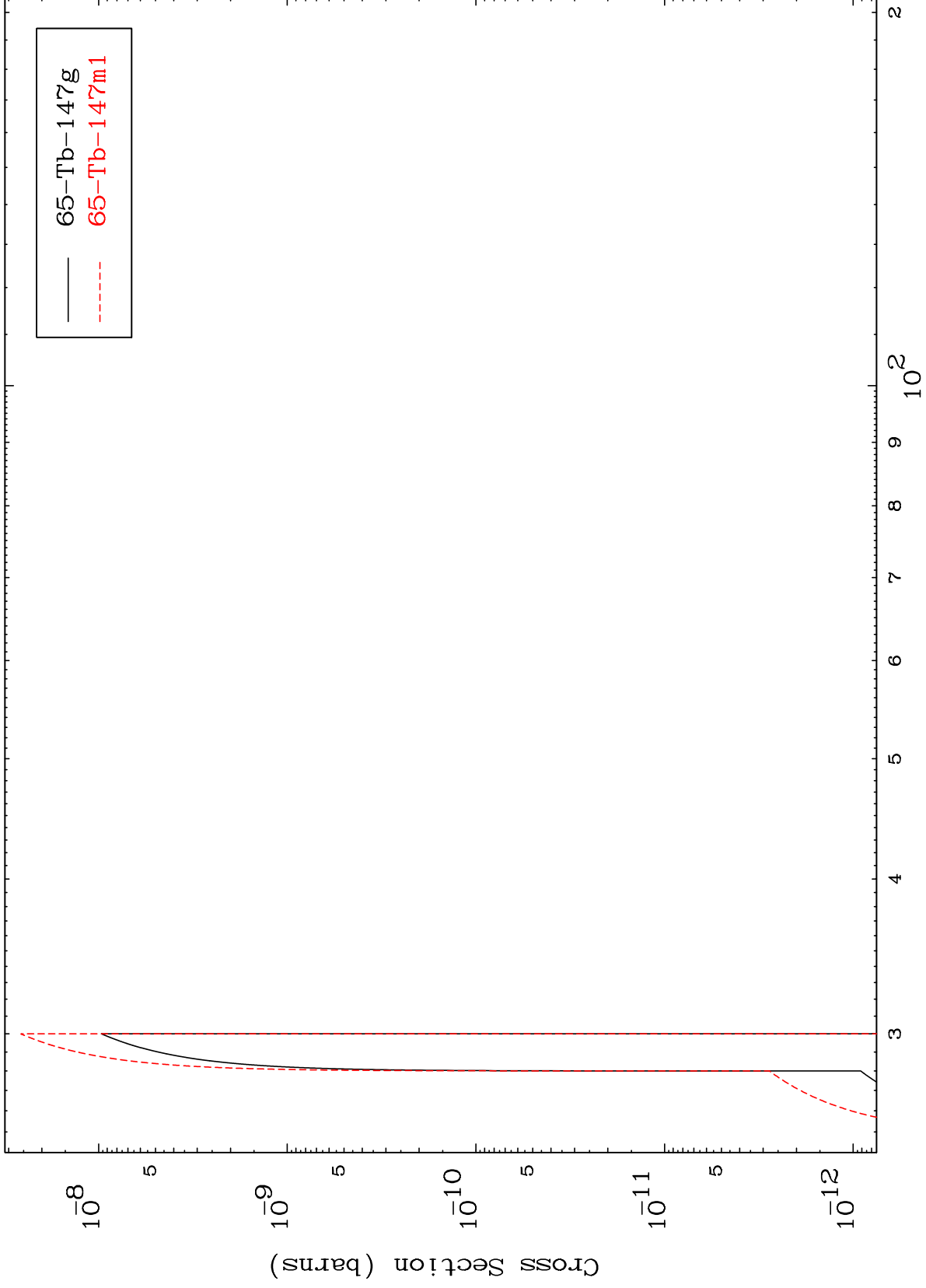
64-Gd-146

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(n,n') d

64-Gd-146

Radionuclide Production Cross Section



14

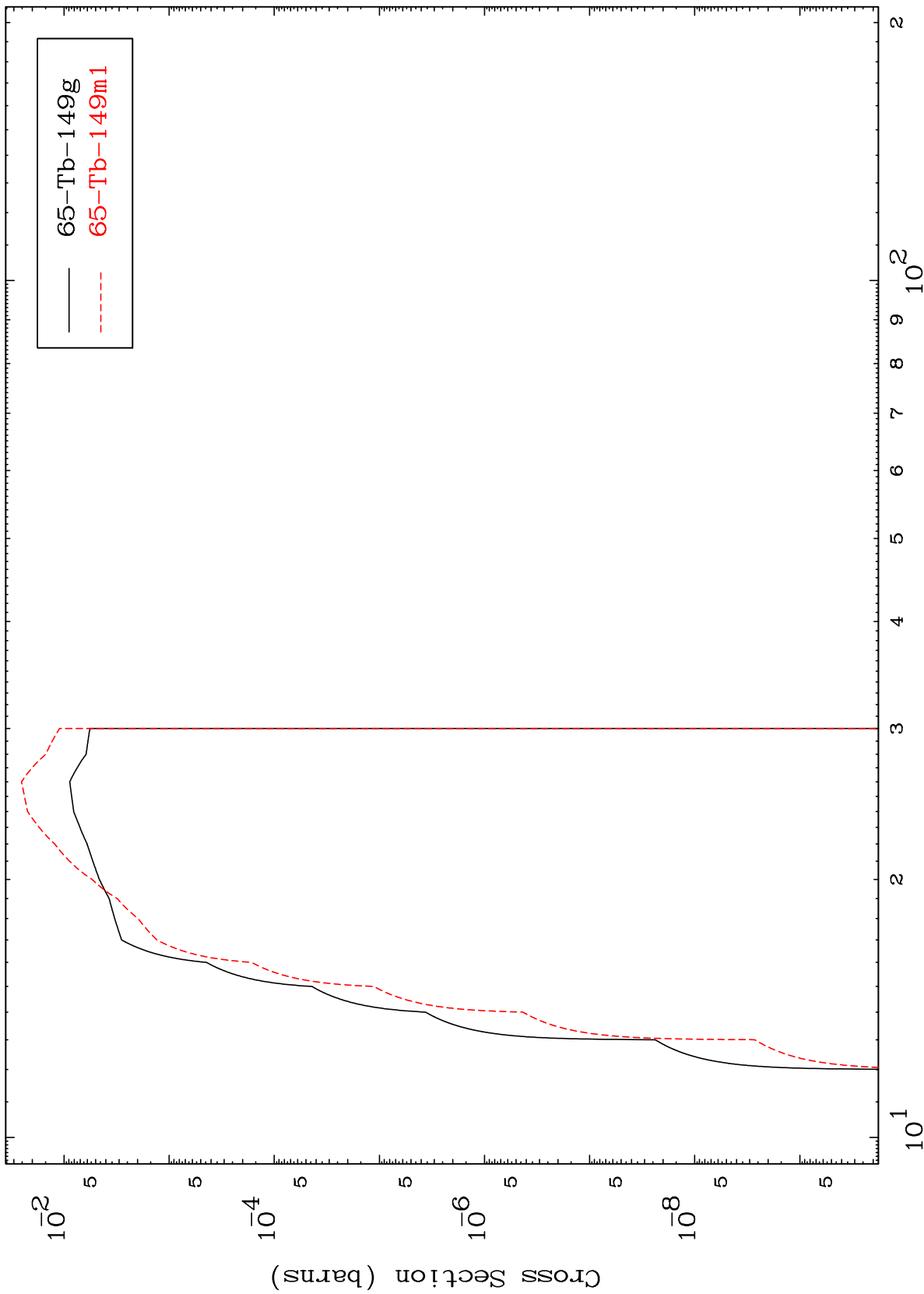
Incident Energy (MeV)

64-Gd-146

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64-Gd-146

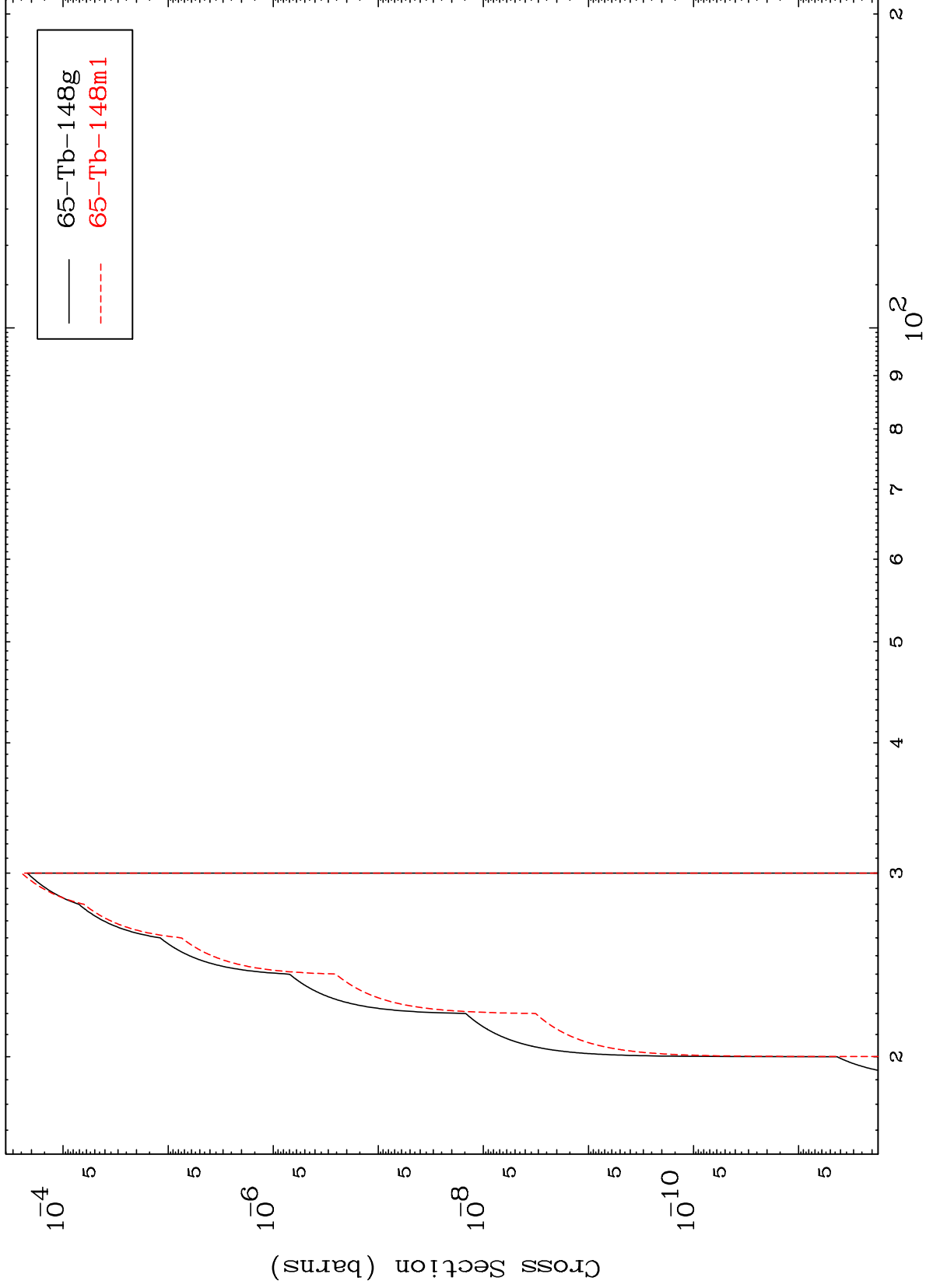
(n,p)
Radionuclide Production Cross Section



64-Gd-146

Incident Energy (MeV)

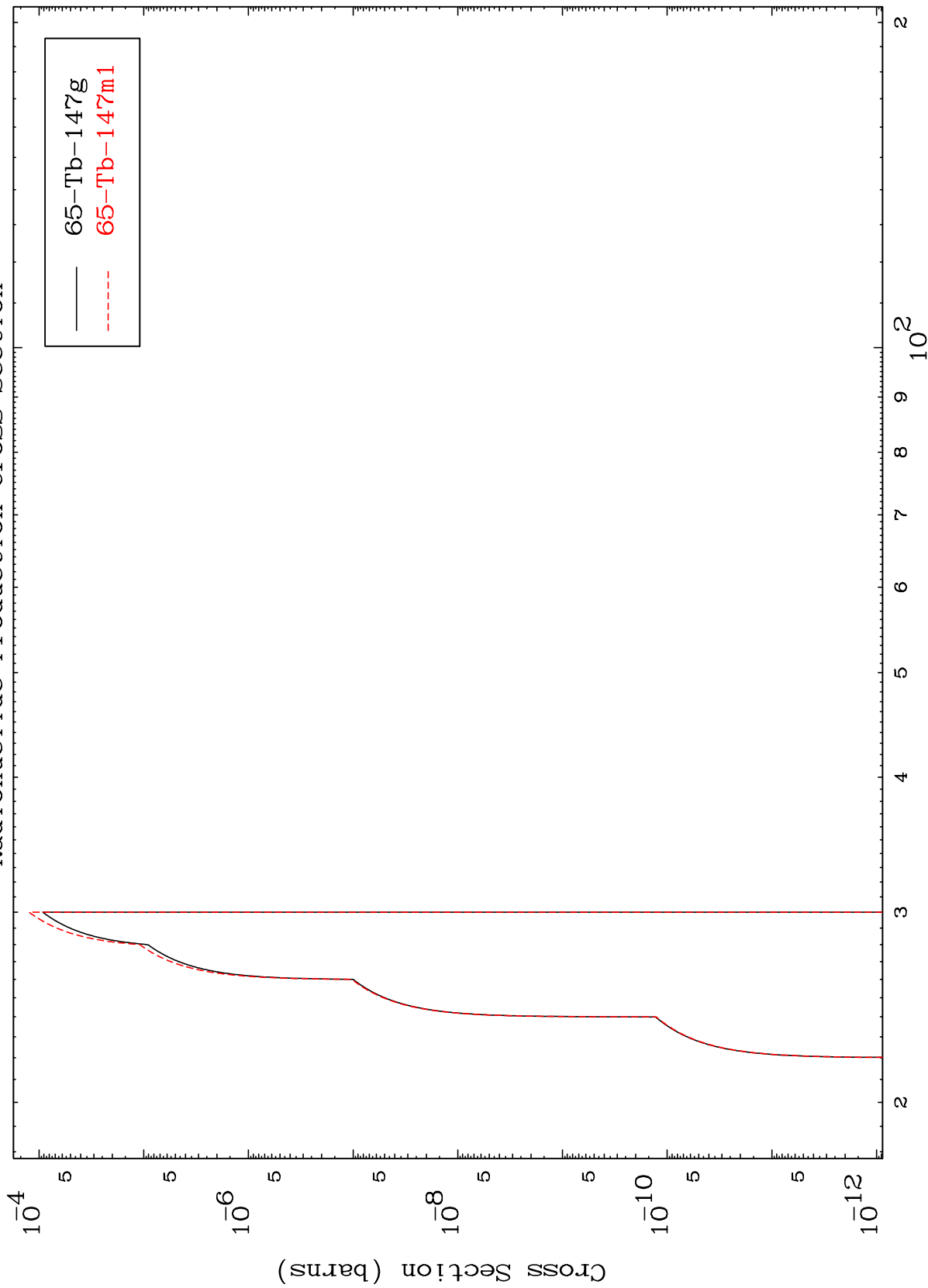
Radionuclide Production Cross Section



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64-Gd-146

(n, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

64-Gd-146