

Program EVALPLOT
(Version 2021-1)

by

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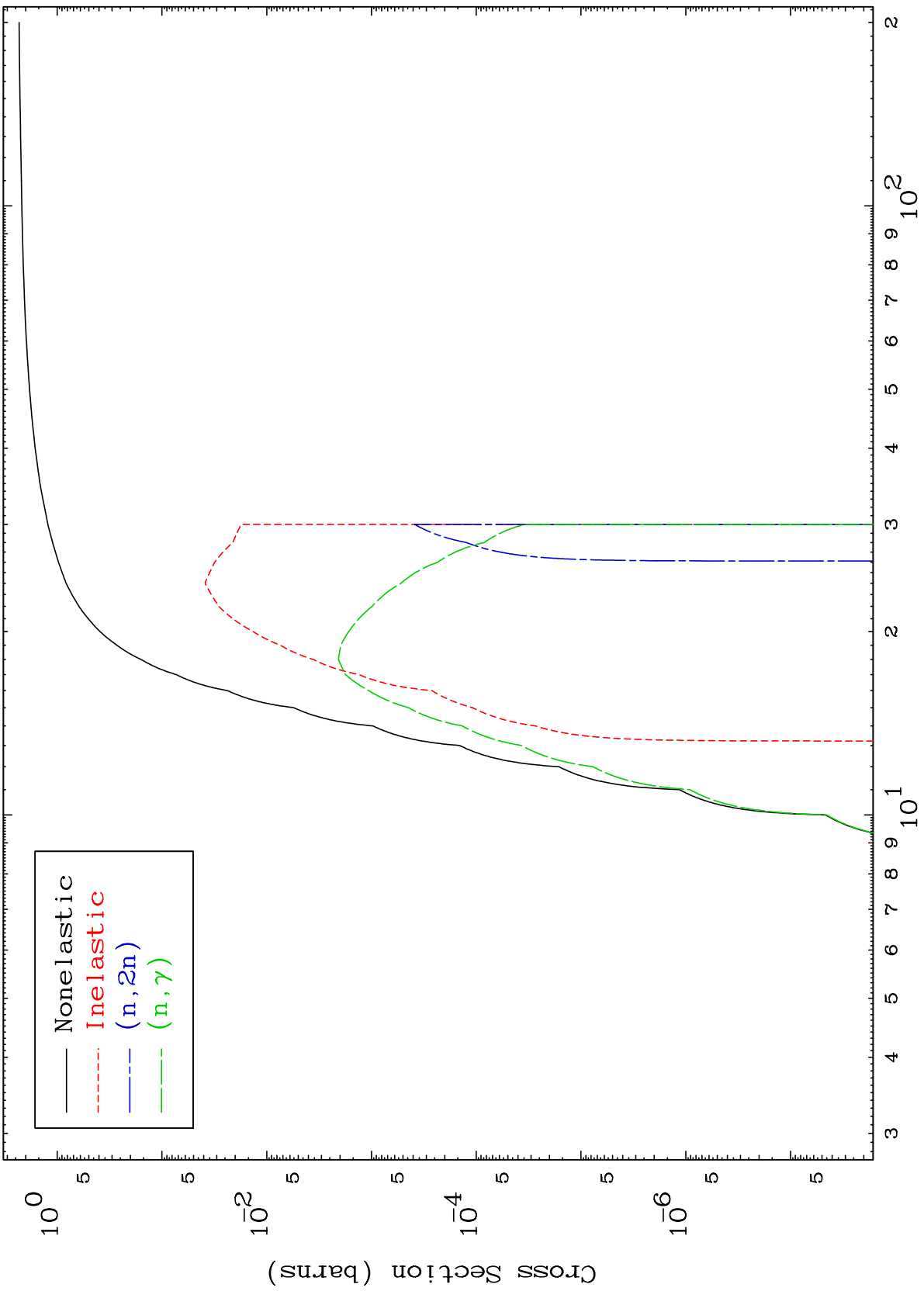
Press Mouse Button to Start

MAT 6198

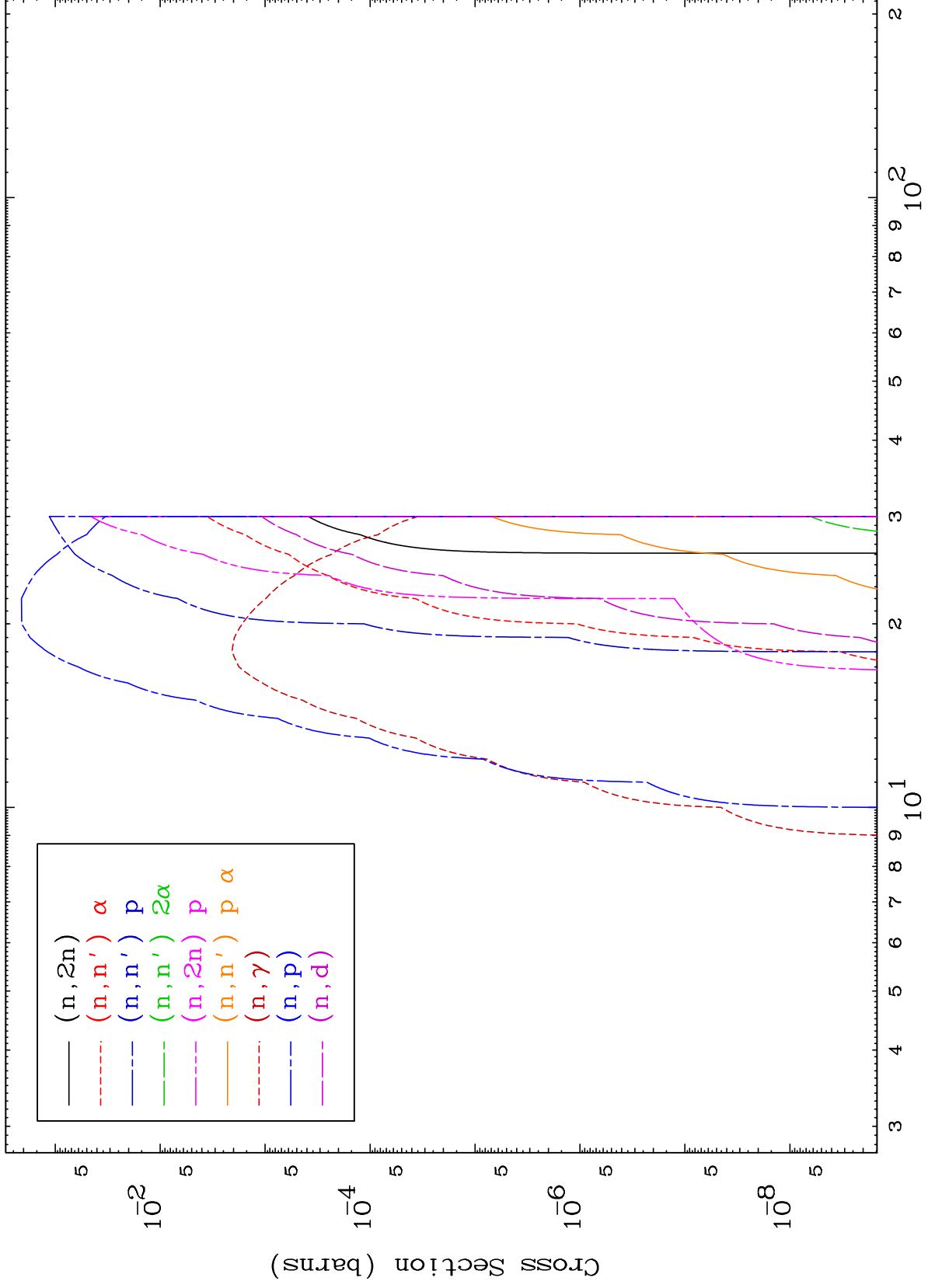
α Major

62-Sm-135

0 Kelvin Cross Sections



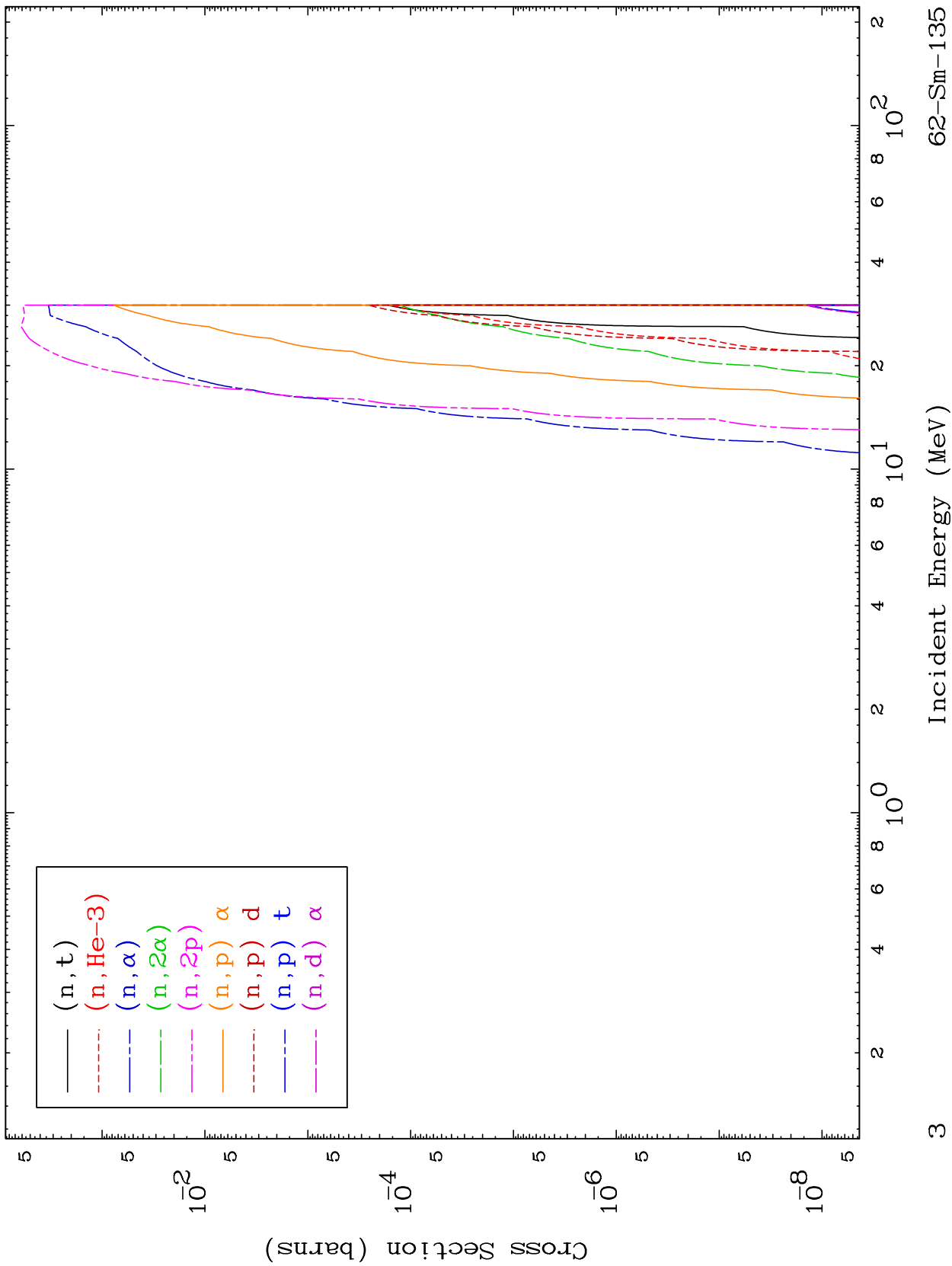
Legend:
— Nonelastic
- - - Inelastic
- . - (n, 2n)
- - - (n, γ)



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α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-135

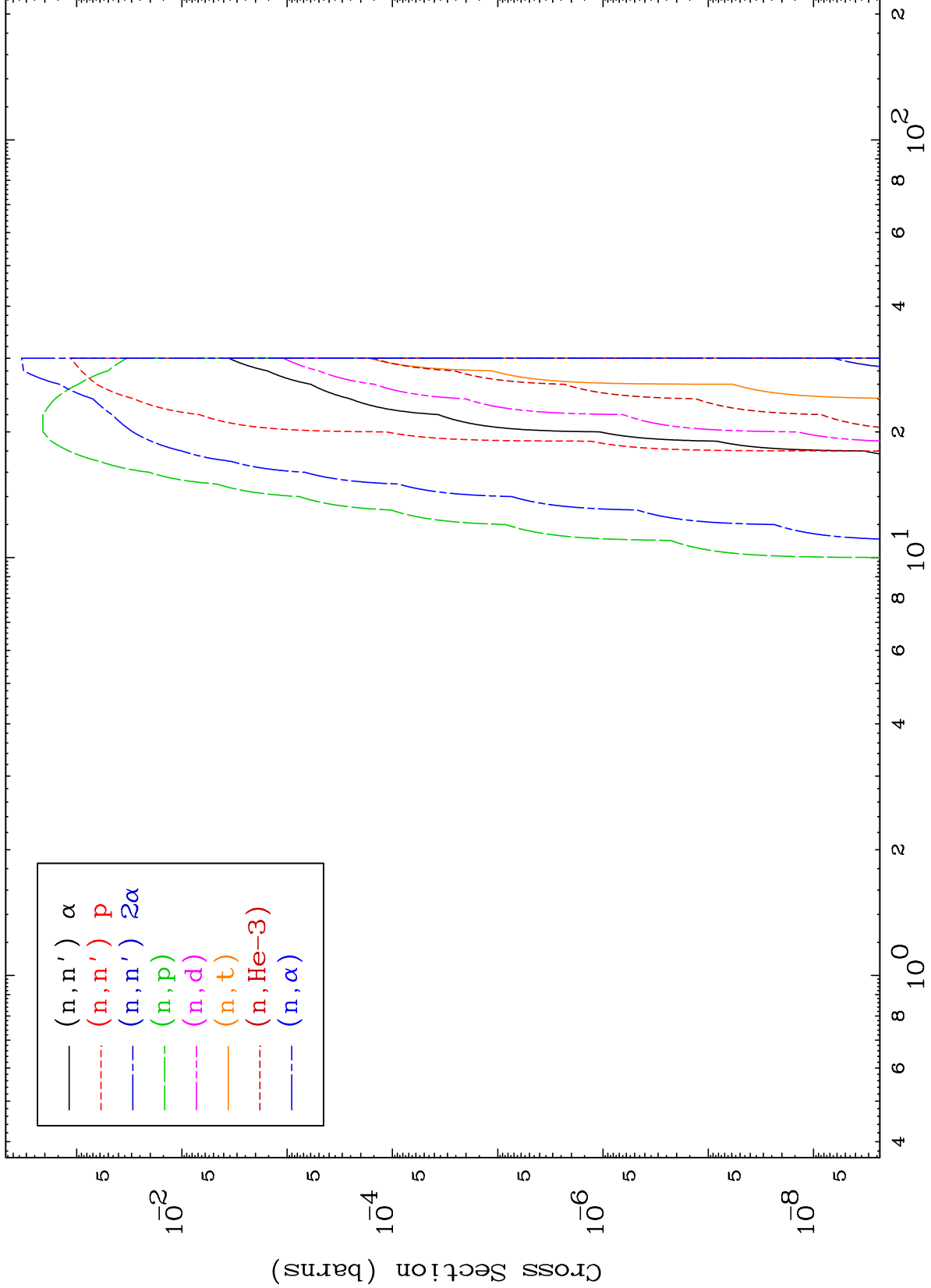


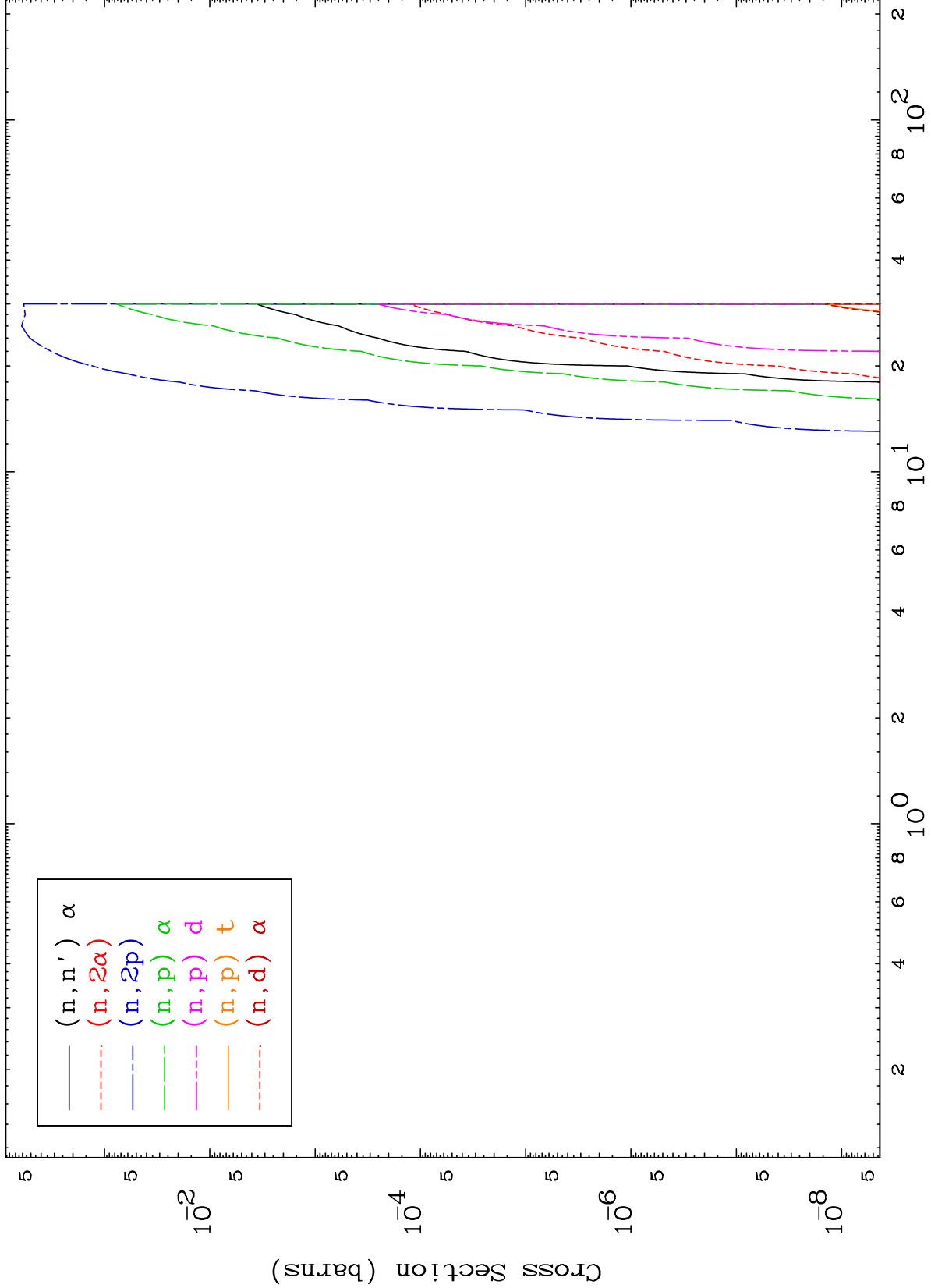
62-Sm-135

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α Charged Particle
0 Kelvin Cross Sections

62-Sm-135

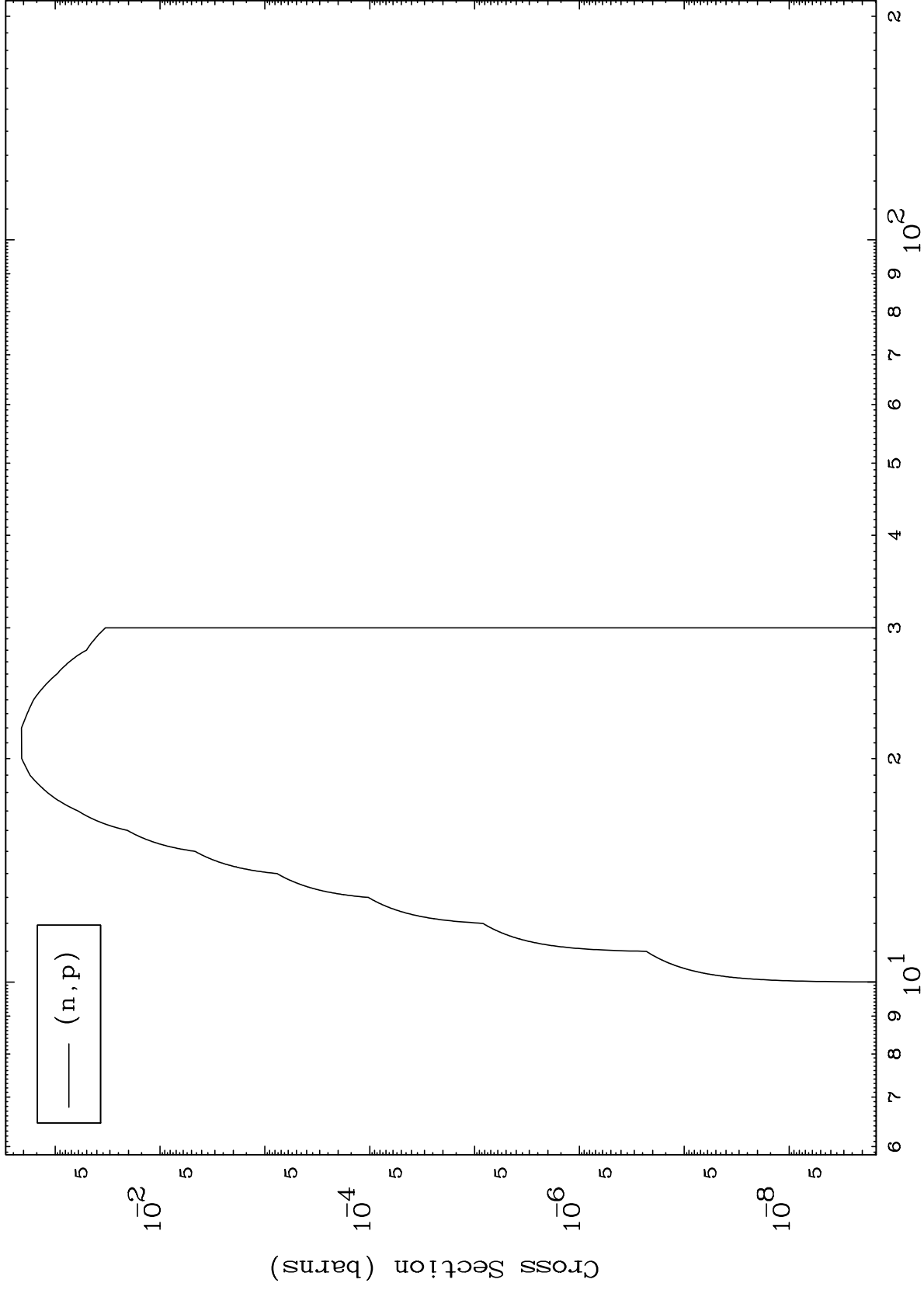




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(α, p) Levels
0 Kelvin Cross Sections

62-Sm-135



6

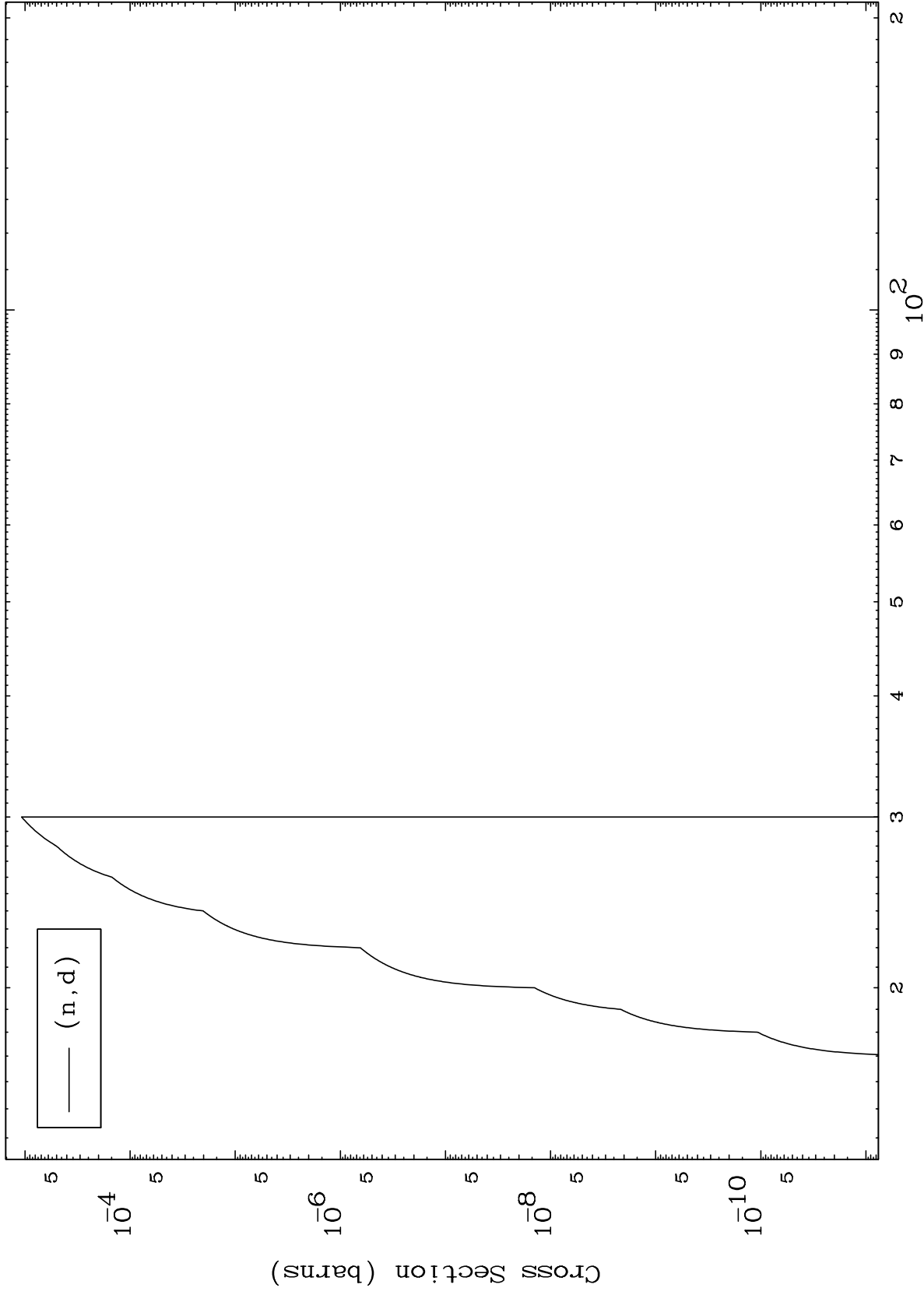
Incident Energy (MeV)

62-Sm-135

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(α, d) Levels
0 Kelvin Cross Sections

62-Sm-135



7

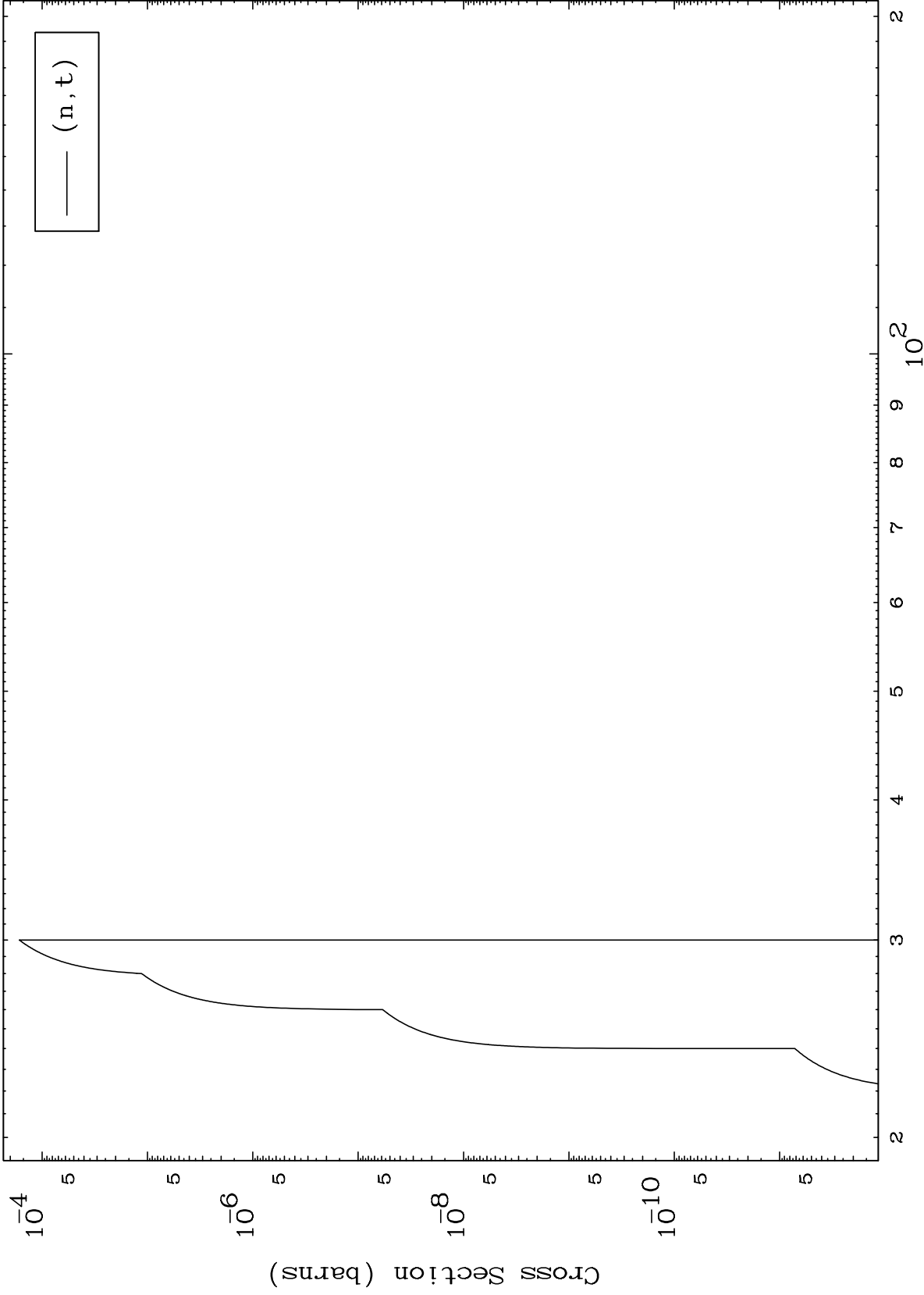
Incident Energy (MeV)

62-Sm-135

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(α, t) Levels
0 Kelvin Cross Sections

62-Sm-135



8

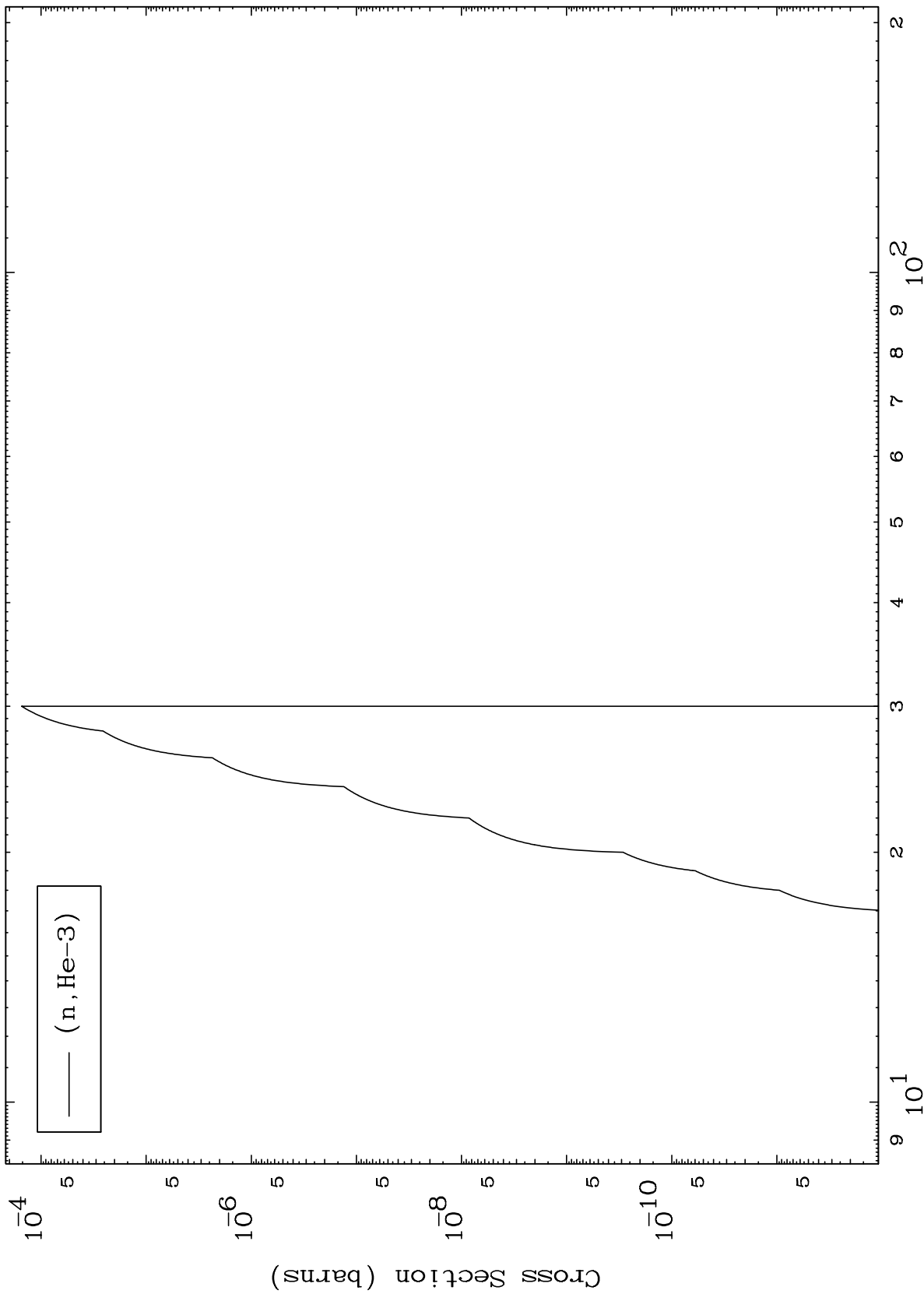
Incident Energy (MeV)

62-Sm-135

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62-Sm-135

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



62-Sm-135

Incident Energy (MeV)

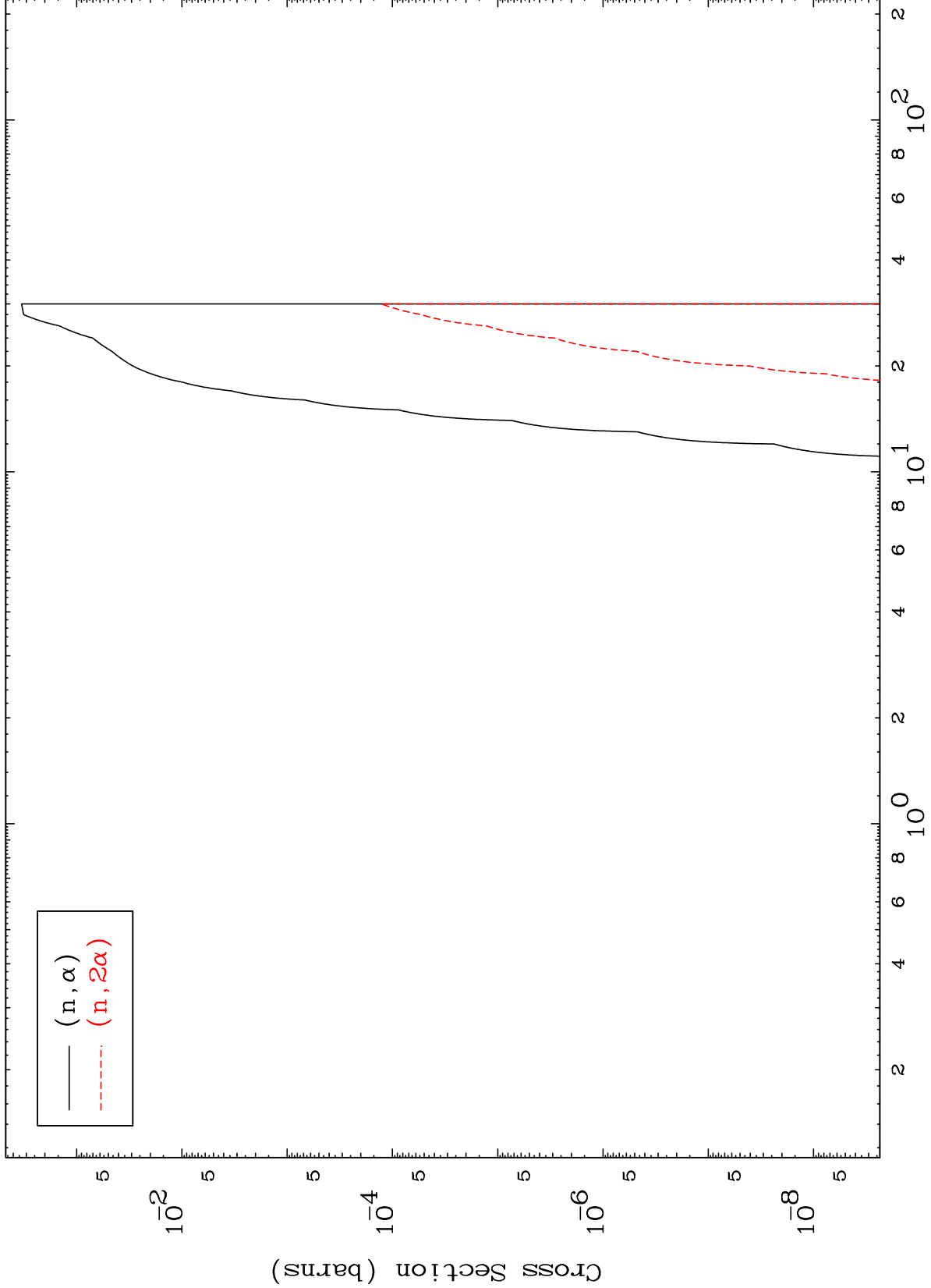
9

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(α, α) Levels

62-Sm-135

0 Kelvin Cross Sections

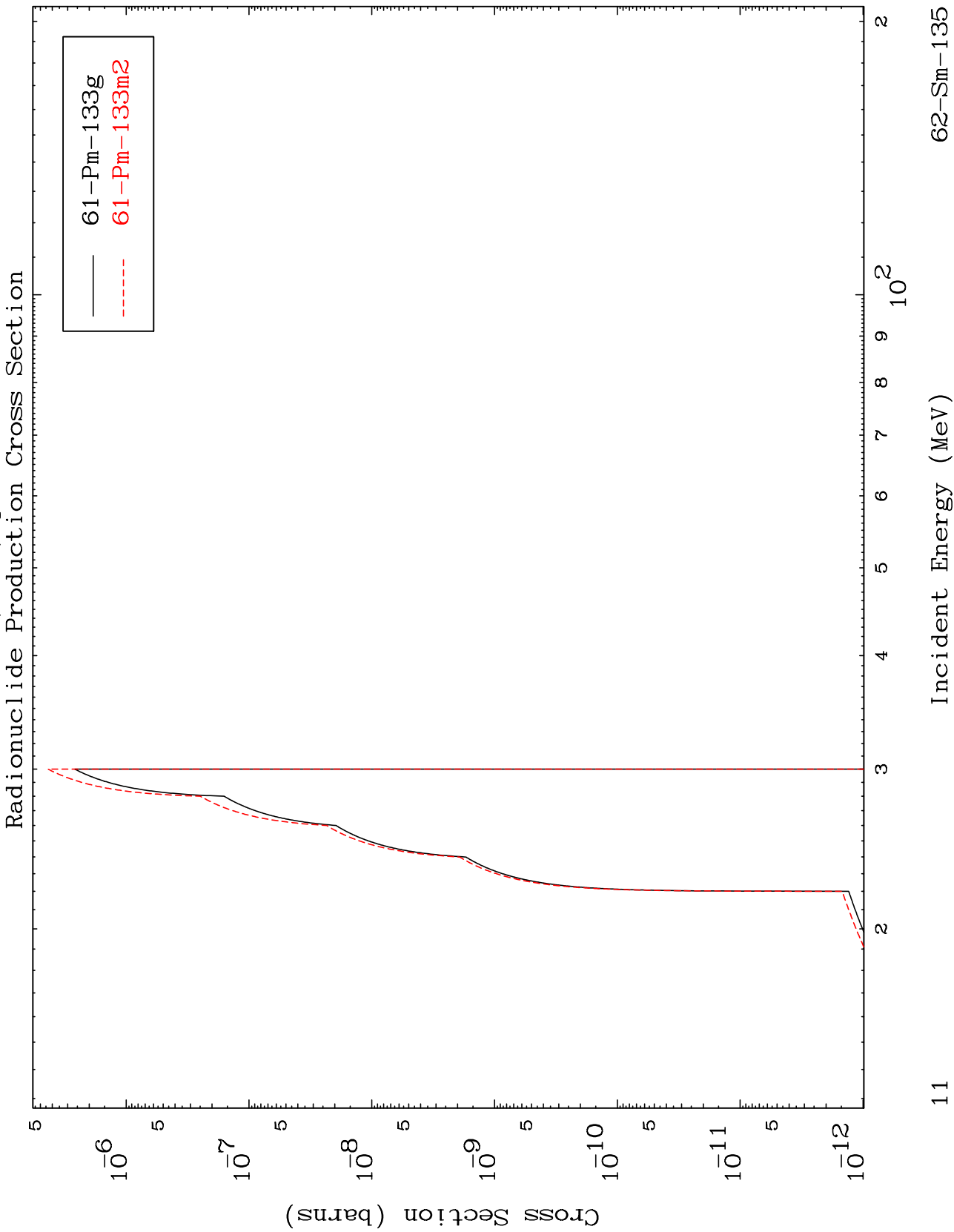


— (n, α)
- - - (n, 2 α)

10

Incident Energy (MeV)

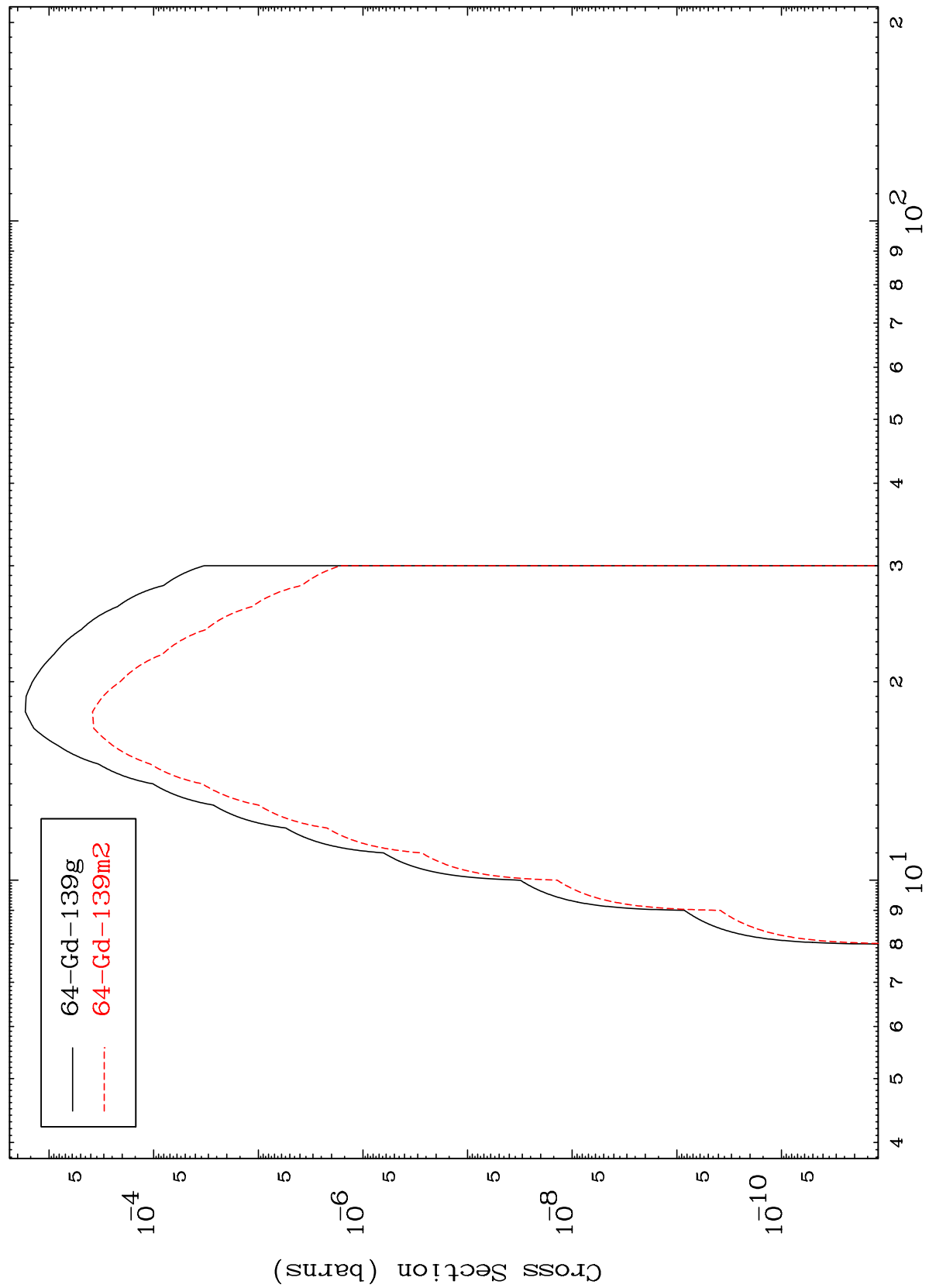
62-Sm-135



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$^{62}\text{Sm-135}$

(n, γ)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

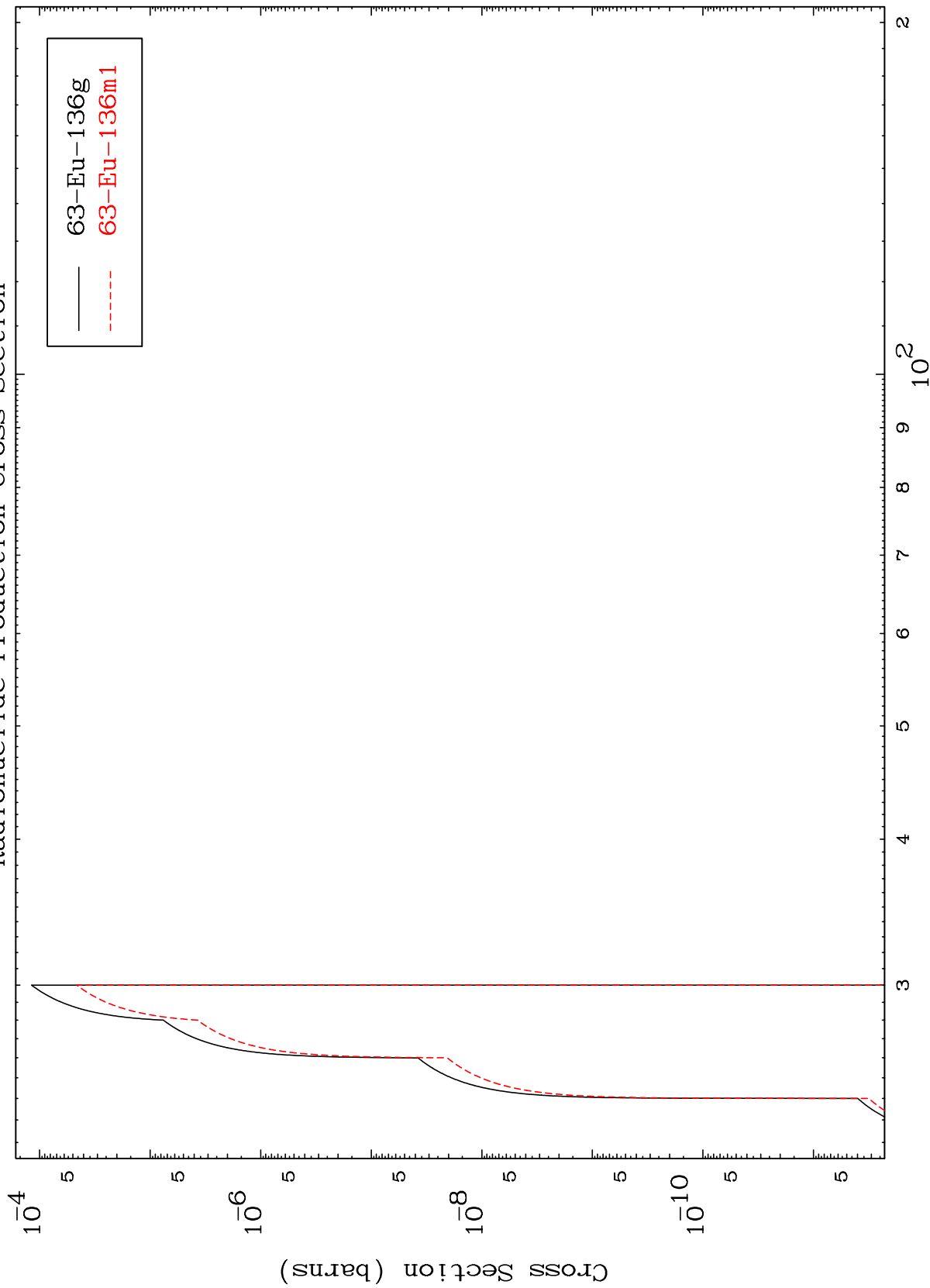
$^{62}\text{Sm-135}$

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(n, t)

62-Sm-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

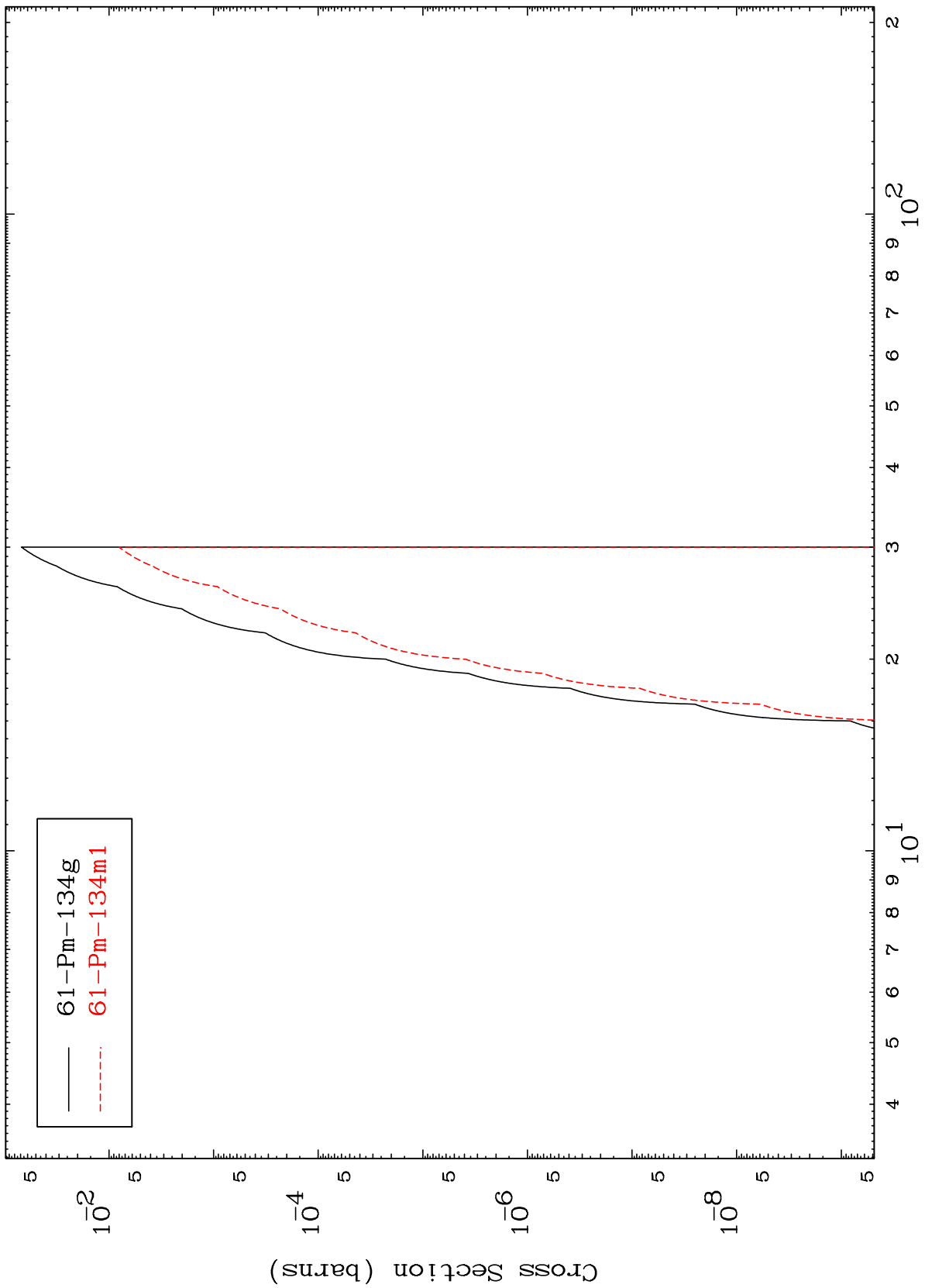
62-Sm-135

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(n,p) α

62-Sm-135

Radionuclide Production Cross Section



14

Incident Energy (MeV)

62-Sm-135

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(n,d) α

62-Sm-135

