

Program EVALPLOT
(Version 2021-1)

by

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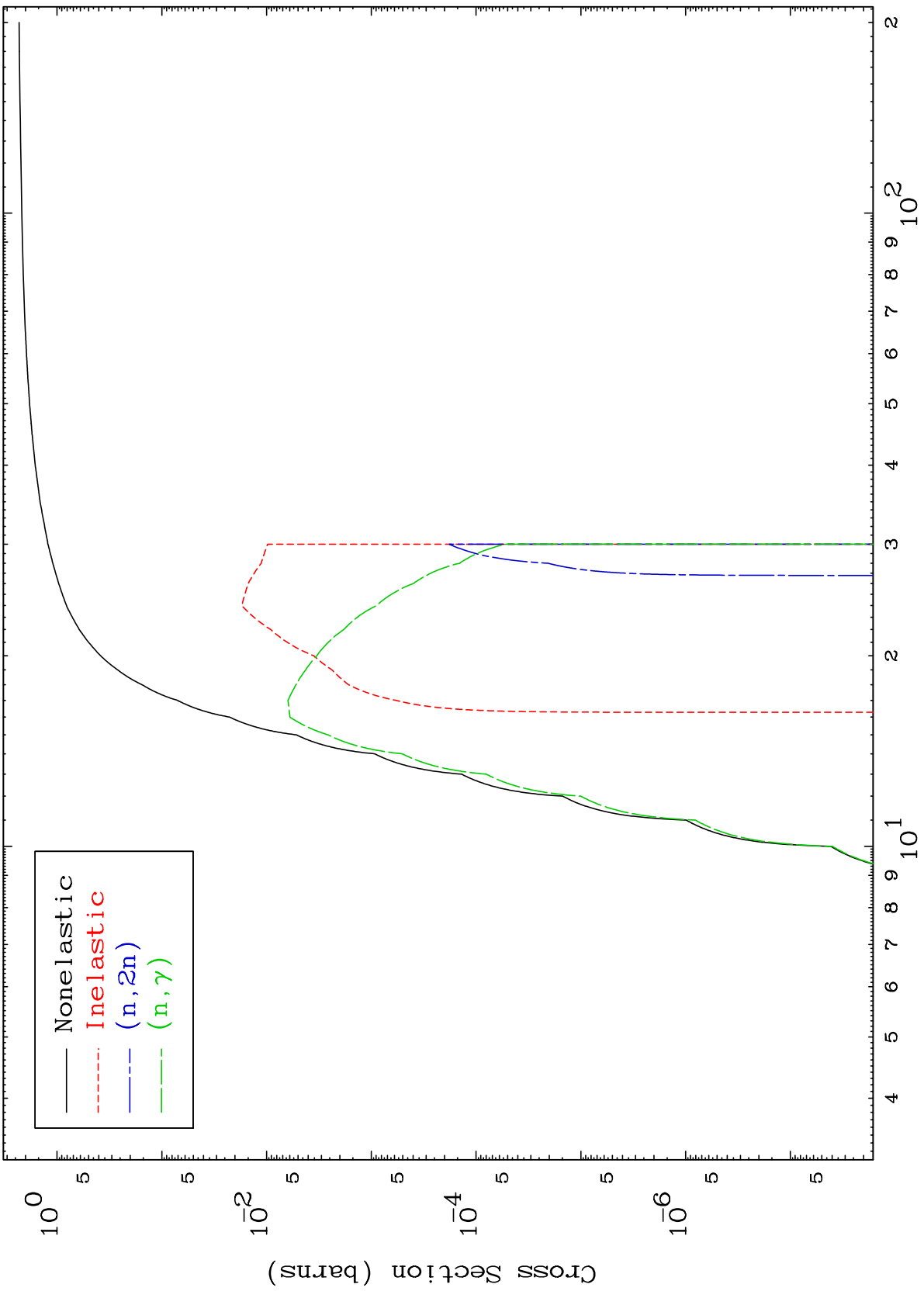
Press Mouse Button to Start

MAT 6195

α Major

62-Sm-134

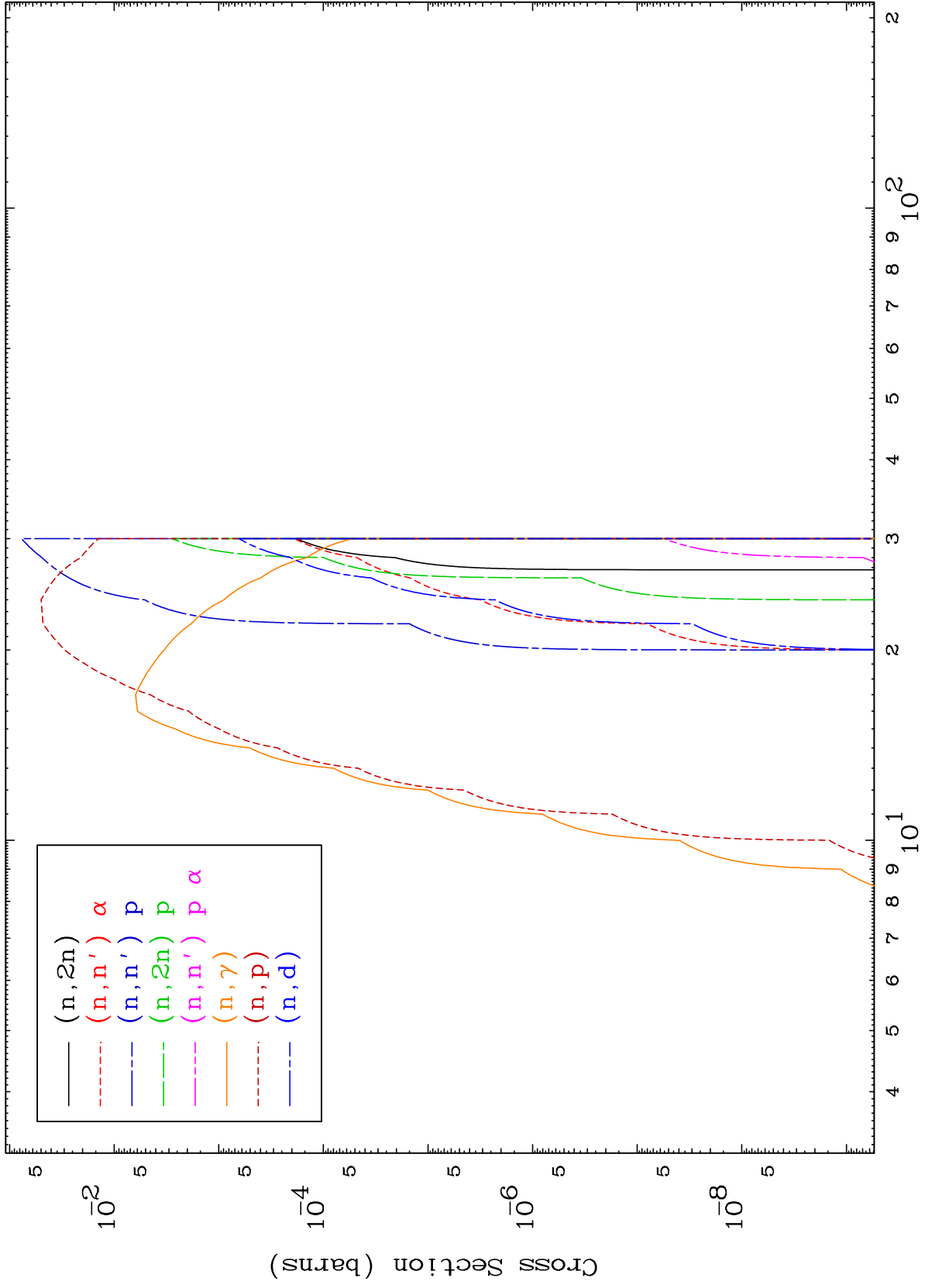
0 Kelvin Cross Sections



1

Incident Energy (MeV)

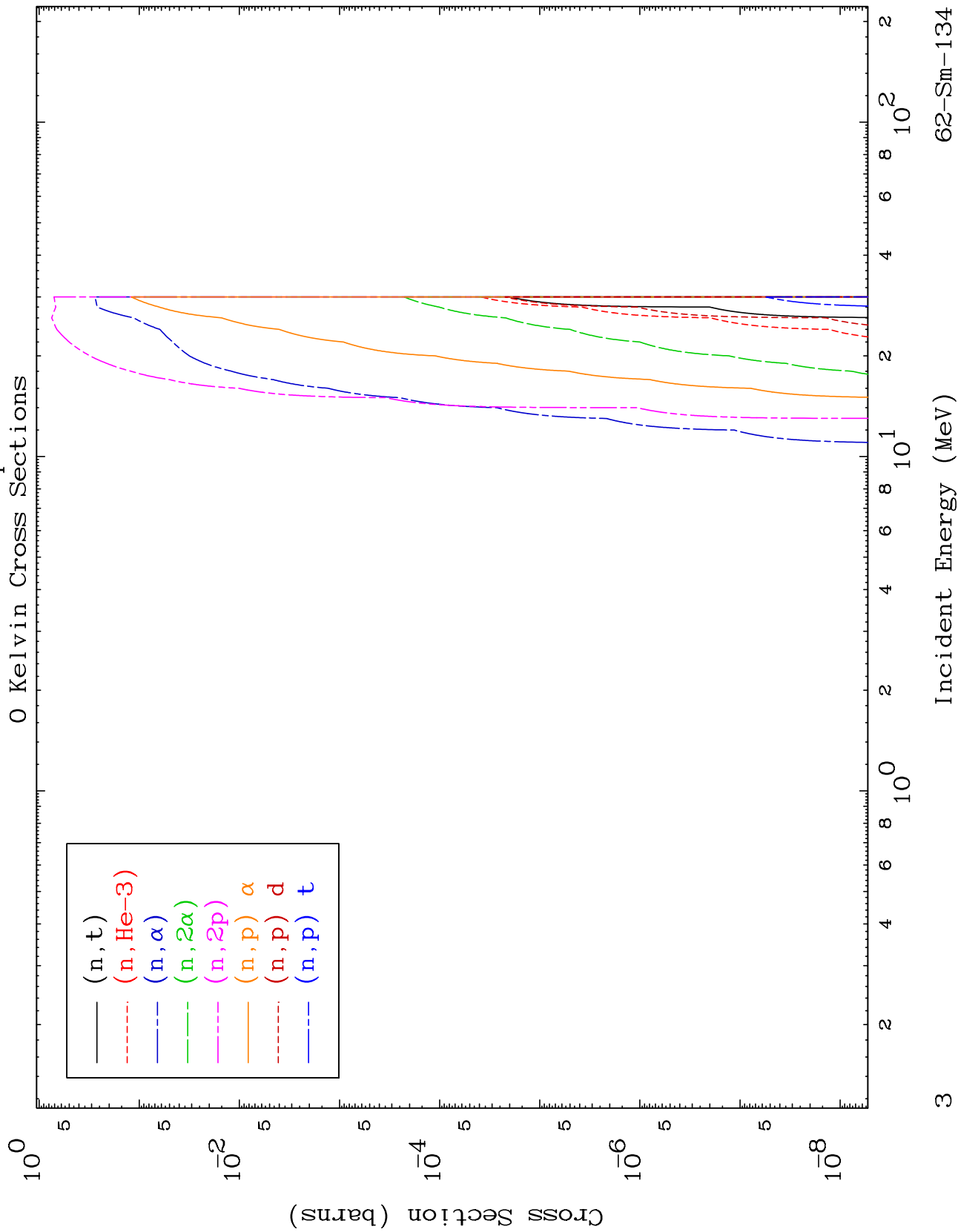
62-Sm-134



MAT 6195

α Neutron Absorption
0 Kelvin Cross Sections

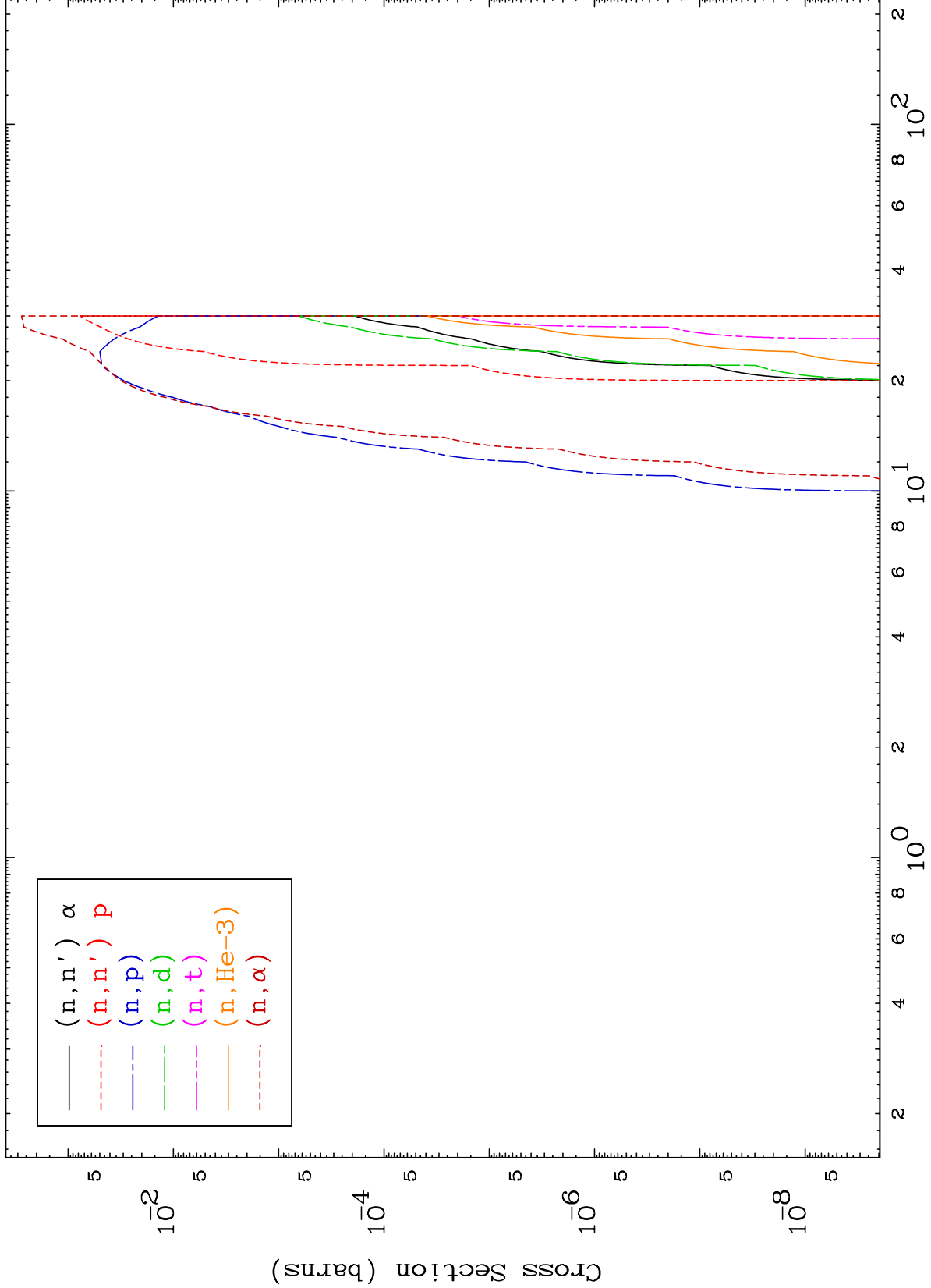
62-Sm-134



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α Charged Particle
0 Kelvin Cross Sections

62-Sm-134



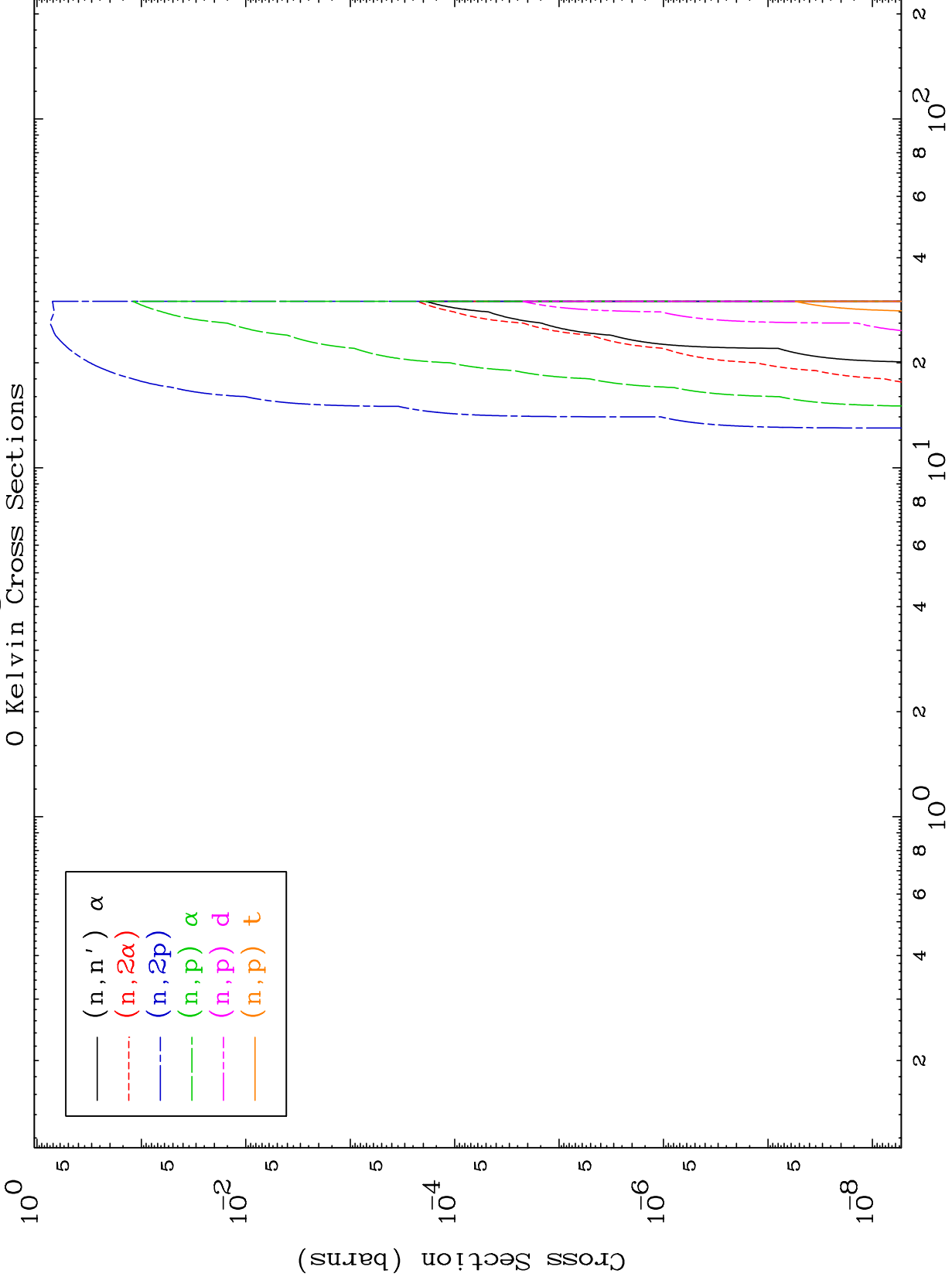
Incident Energy (MeV)

62-Sm-134

MAT 6195

α Charged Particle
0 Kelvin Cross Sections

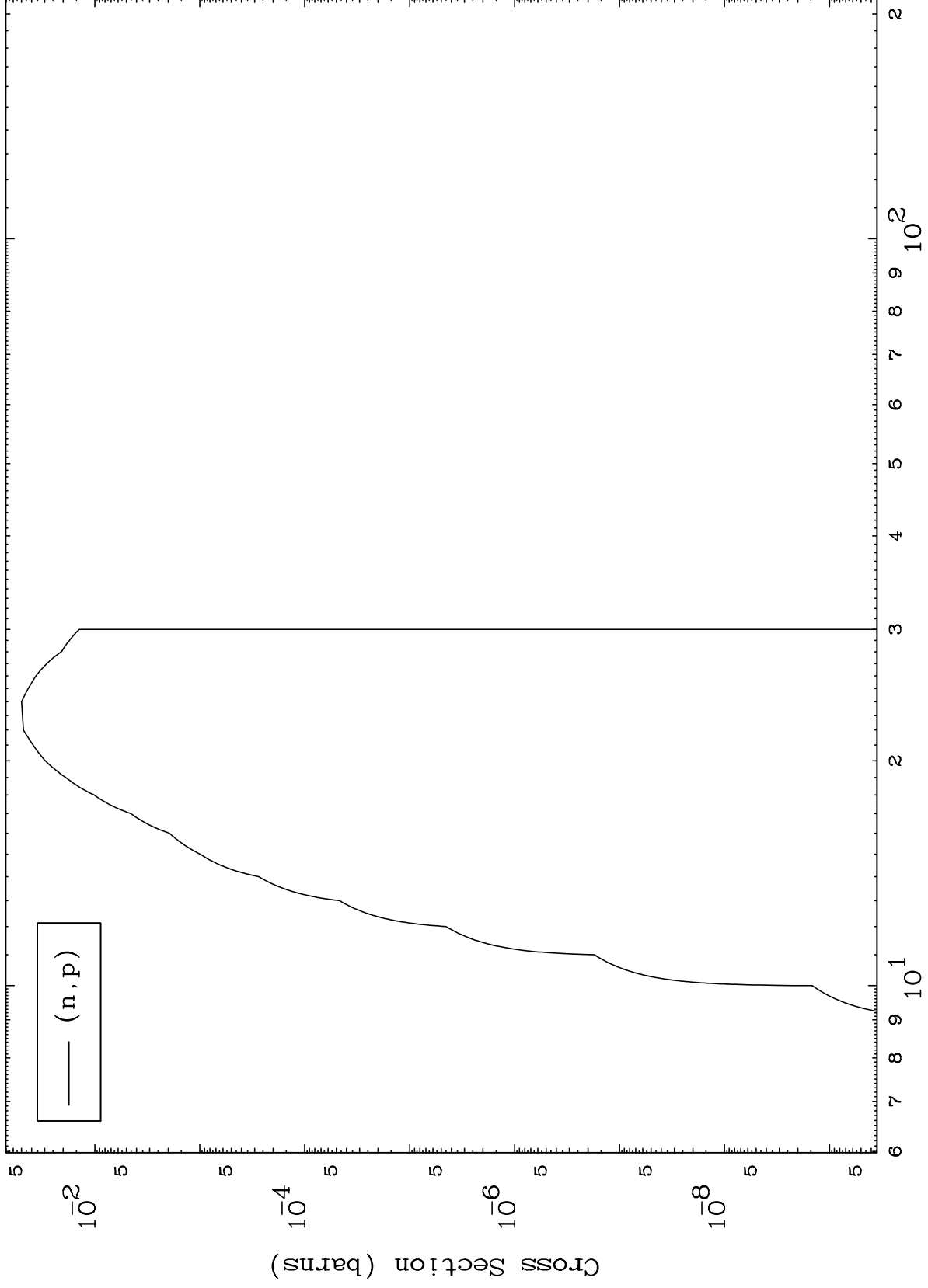
62-Sm-134



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(α, p) Levels
0 Kelvin Cross Sections

62-Sm-134



6

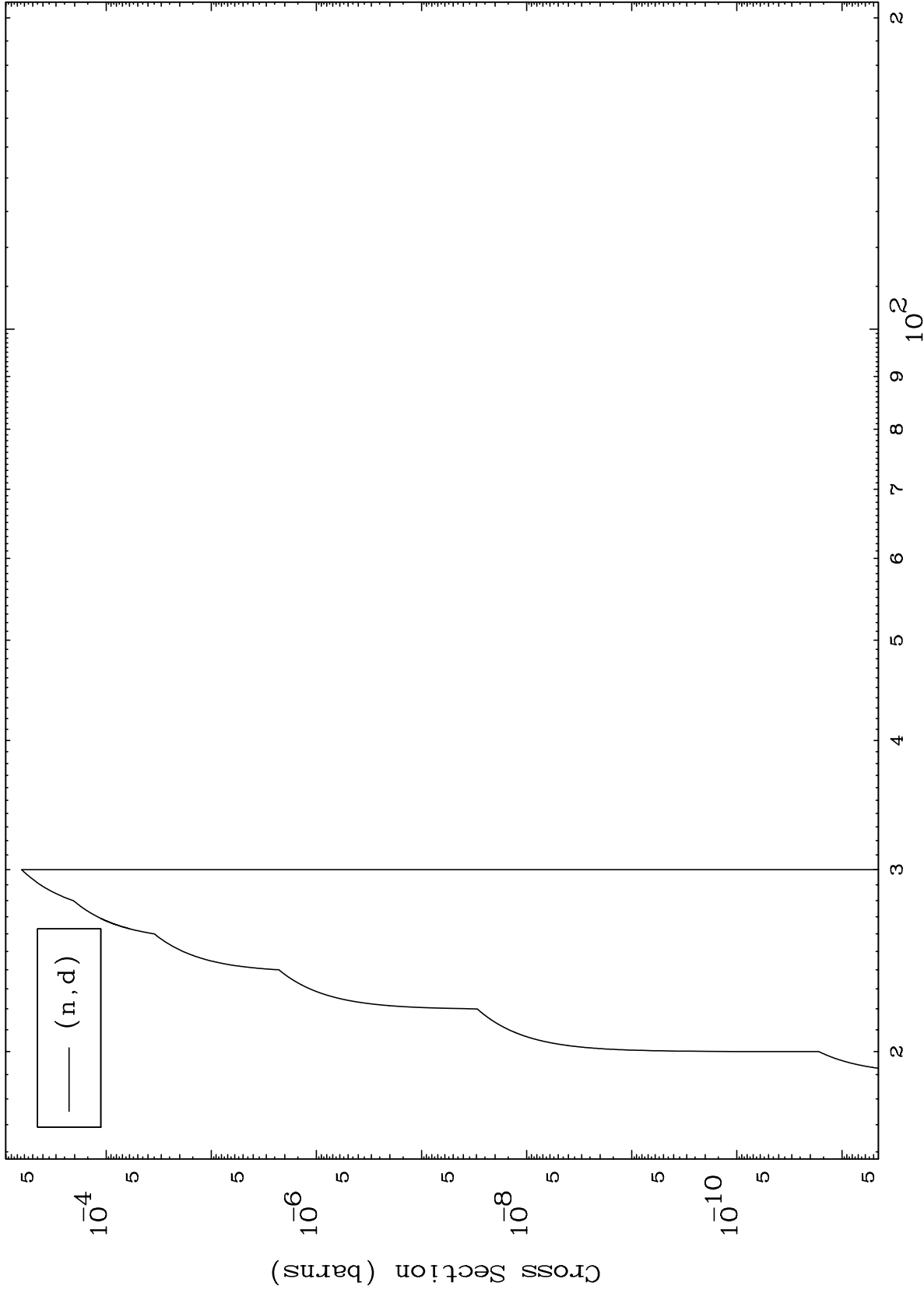
Incident Energy (MeV)

62-Sm-134

MAT 6195

(α, d) Levels
0 Kelvin Cross Sections

62-Sm-134



7

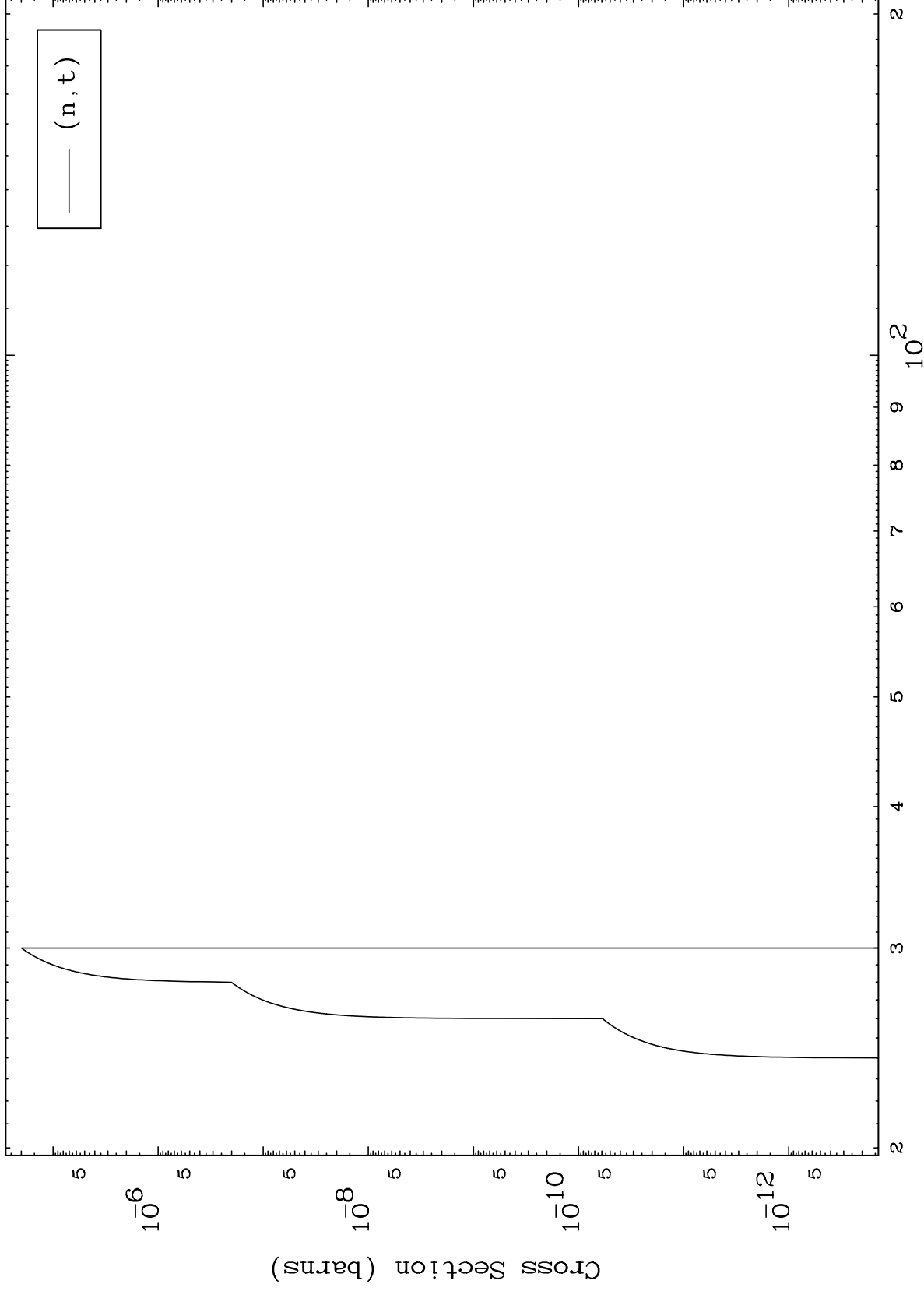
Incident Energy (MeV)

62-Sm-134

MAT 6195

(α, t) Levels
0 Kelvin Cross Sections

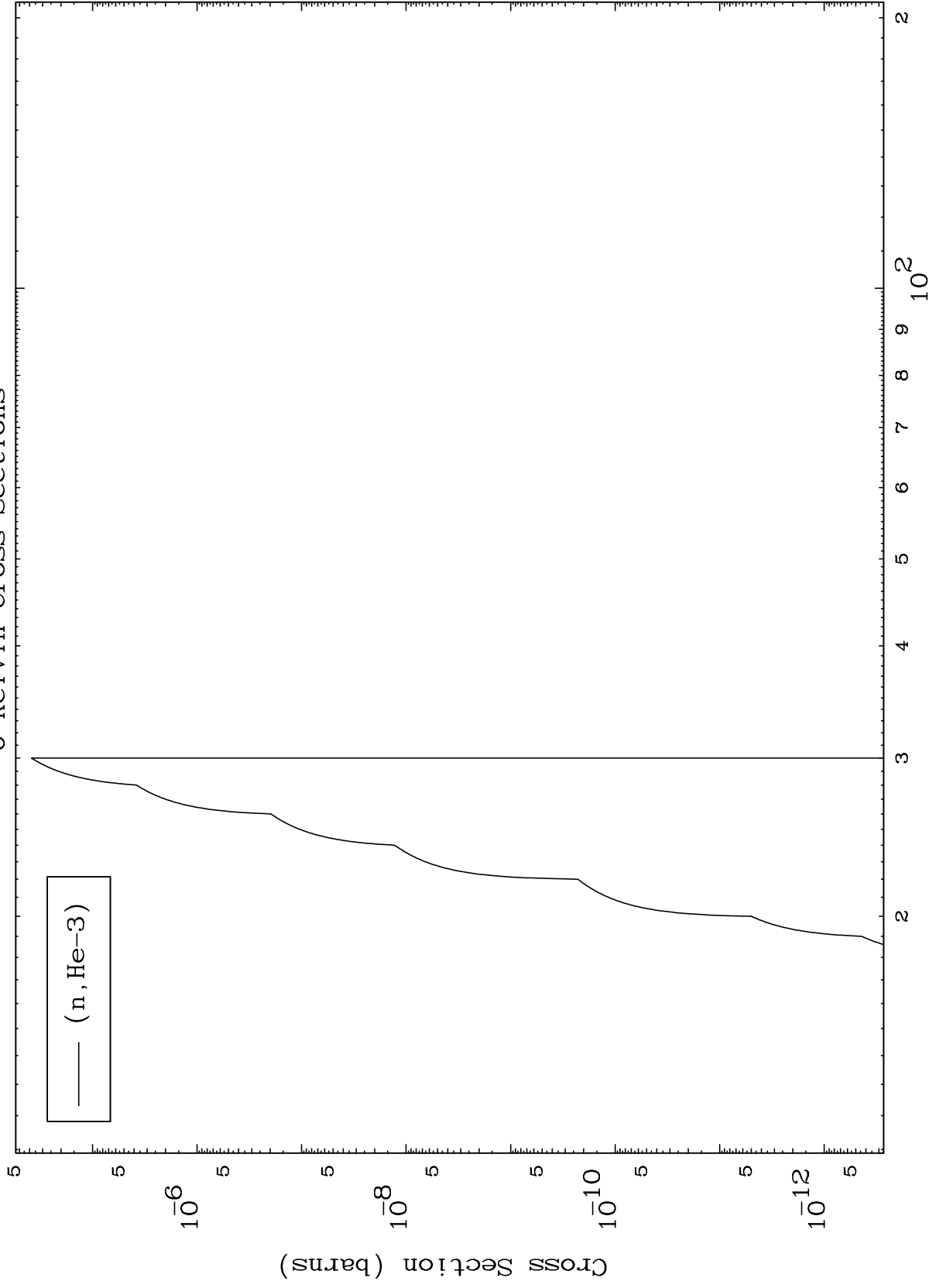
62-Sm-134



8

Incident Energy (MeV)

62-Sm-134

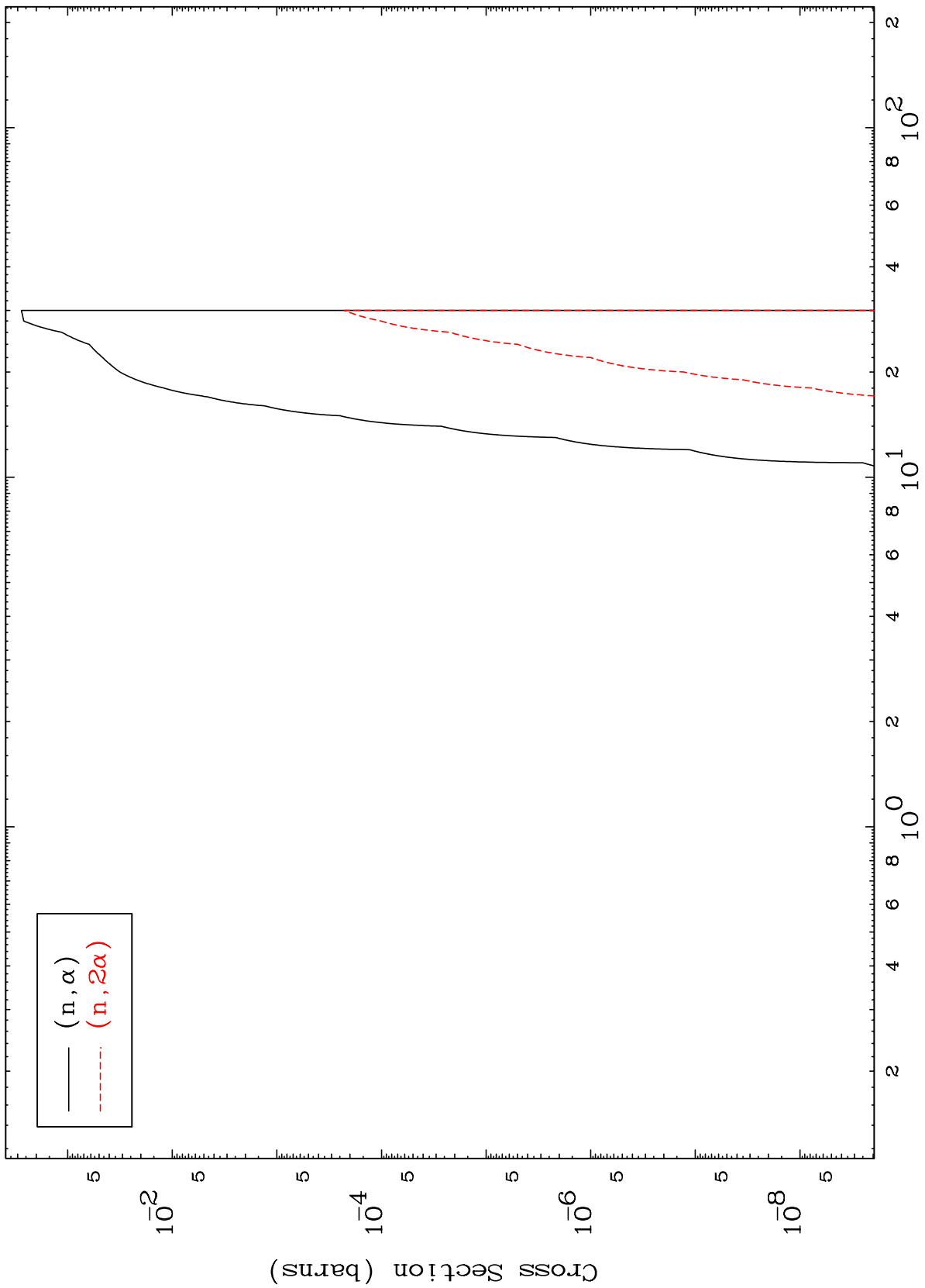


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(α, α) Levels

62-Sm-134

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

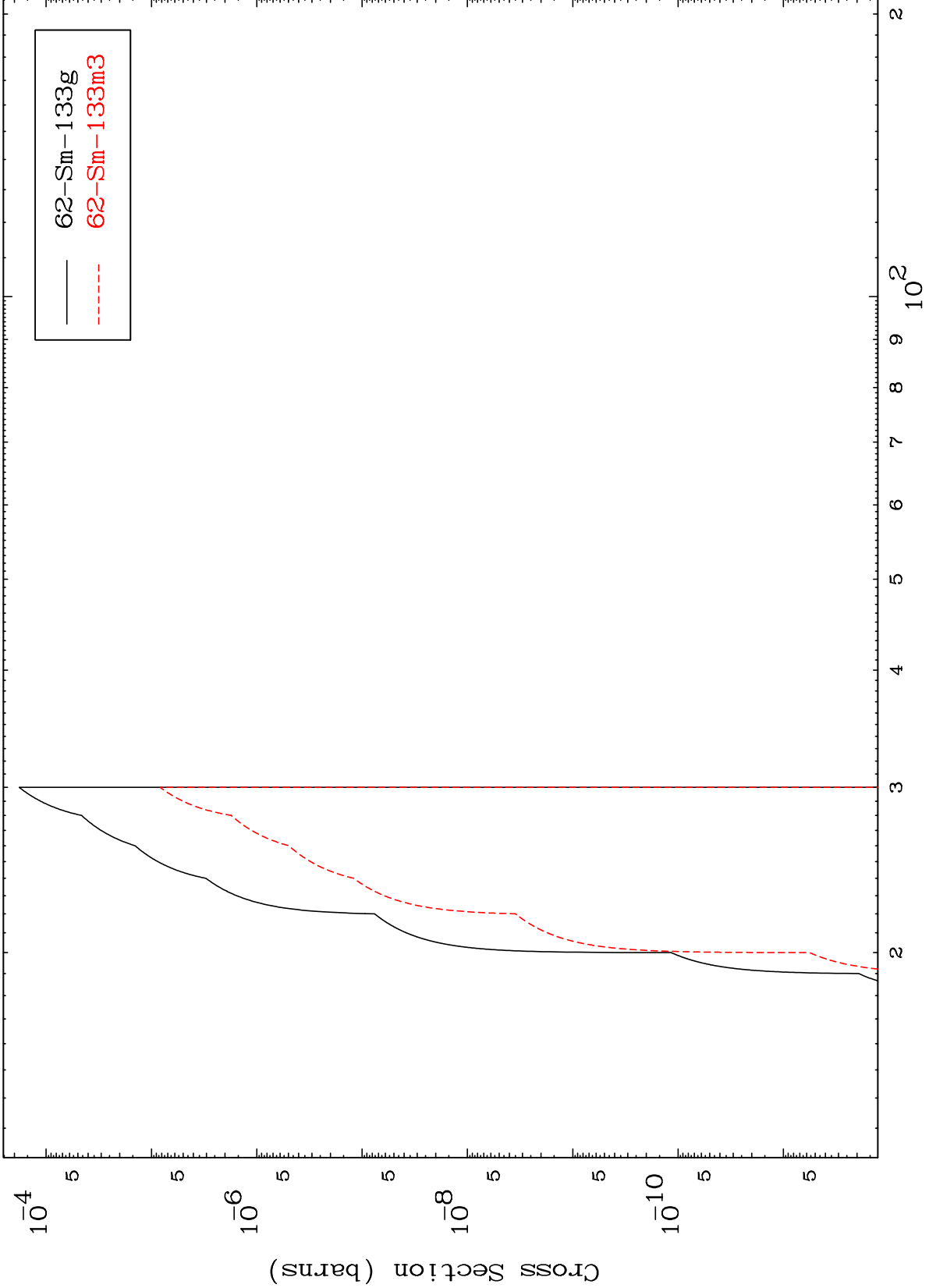
62-Sm-134

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$(n, n') \alpha$

62-Sm-134

Radionuclide Production Cross Section



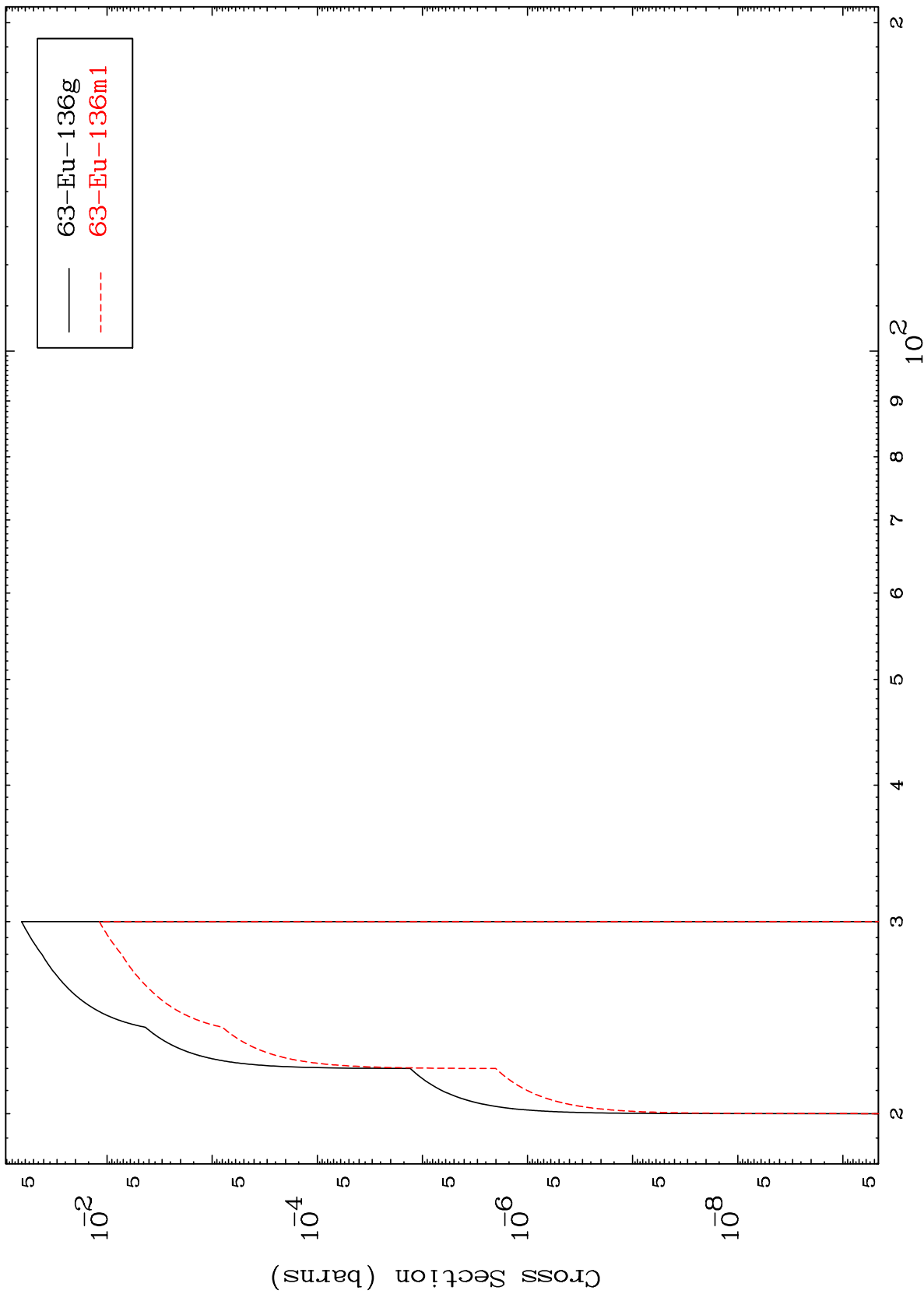
62-Sm-133g
62-Sm-133m3

62-Sm-134

MAT 6195

62-Sm-134

(n, n') p
Radionuclide Production Cross Section



62-Sm-134

Incident Energy (MeV)

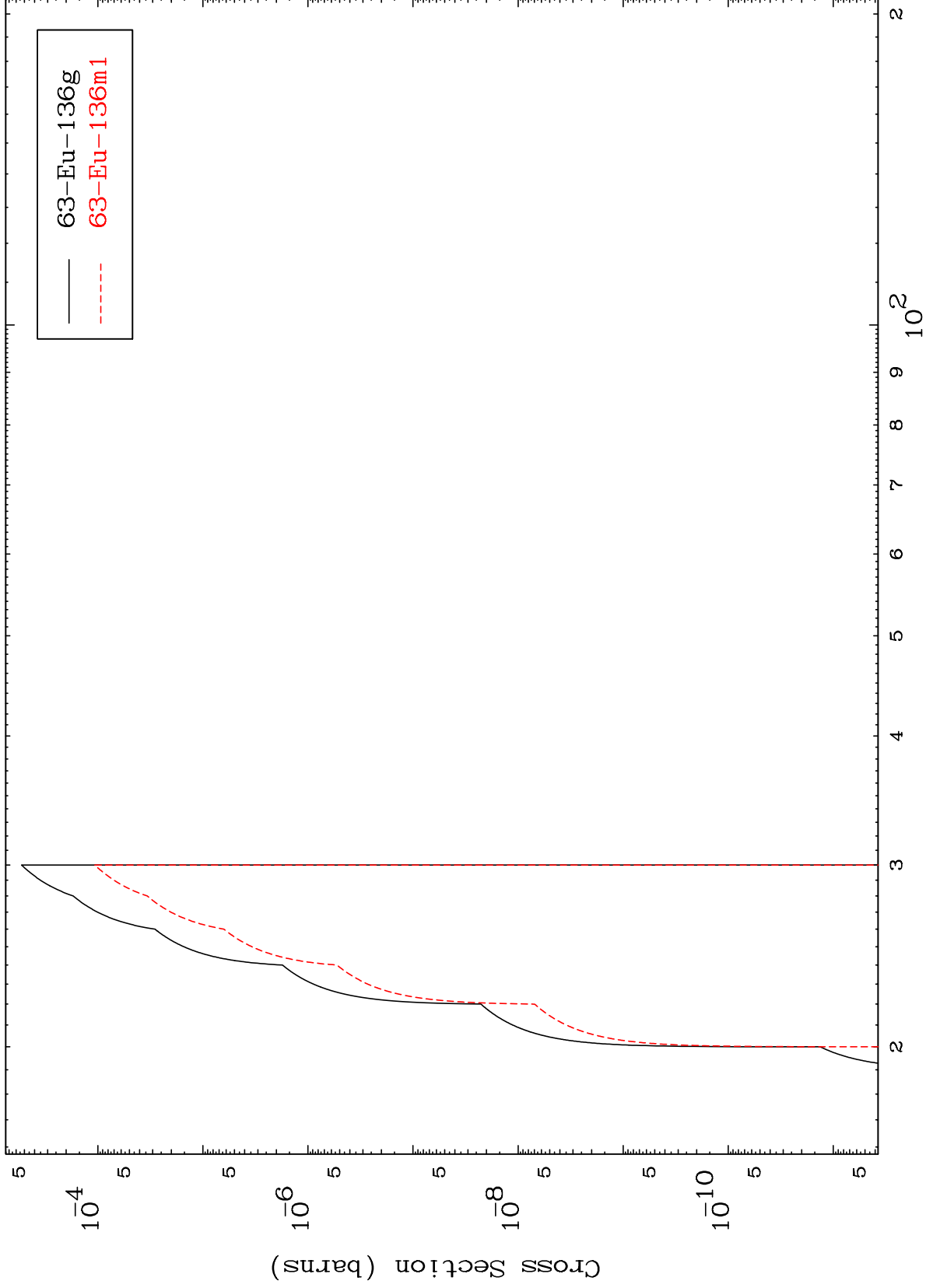
12

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(n,d)

⁶²Sm-134

Radionuclide Production Cross Section



13

Incident Energy (MeV)

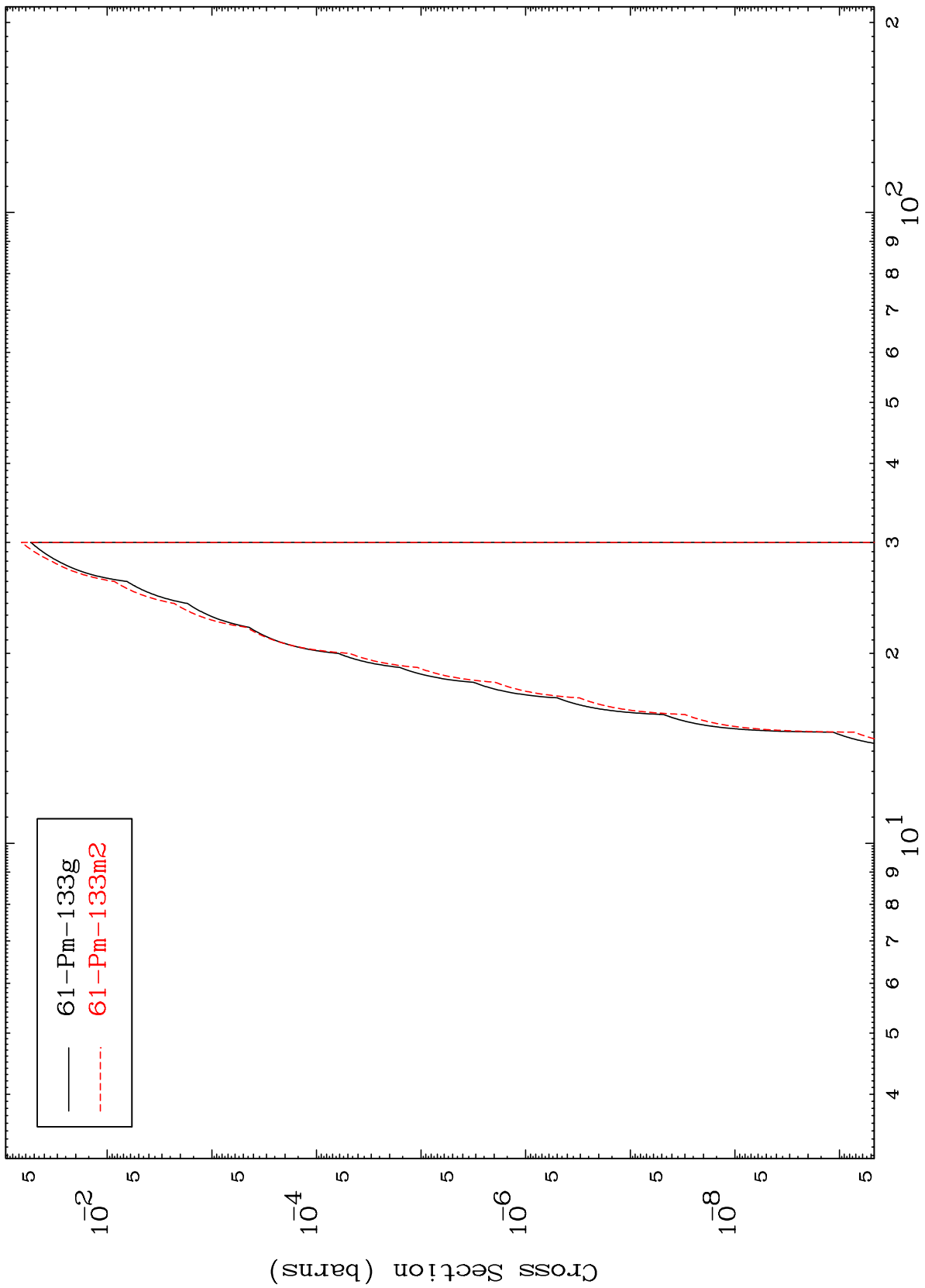
⁶²Sm-134

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(n,p) α

62-Sm-134

Radionuclide Production Cross Section



61-Pm-133g
61-Pm-133m2

14

Incident Energy (MeV)

62-Sm-134