

Program EVALPLOT
(Version 2021-1)

by

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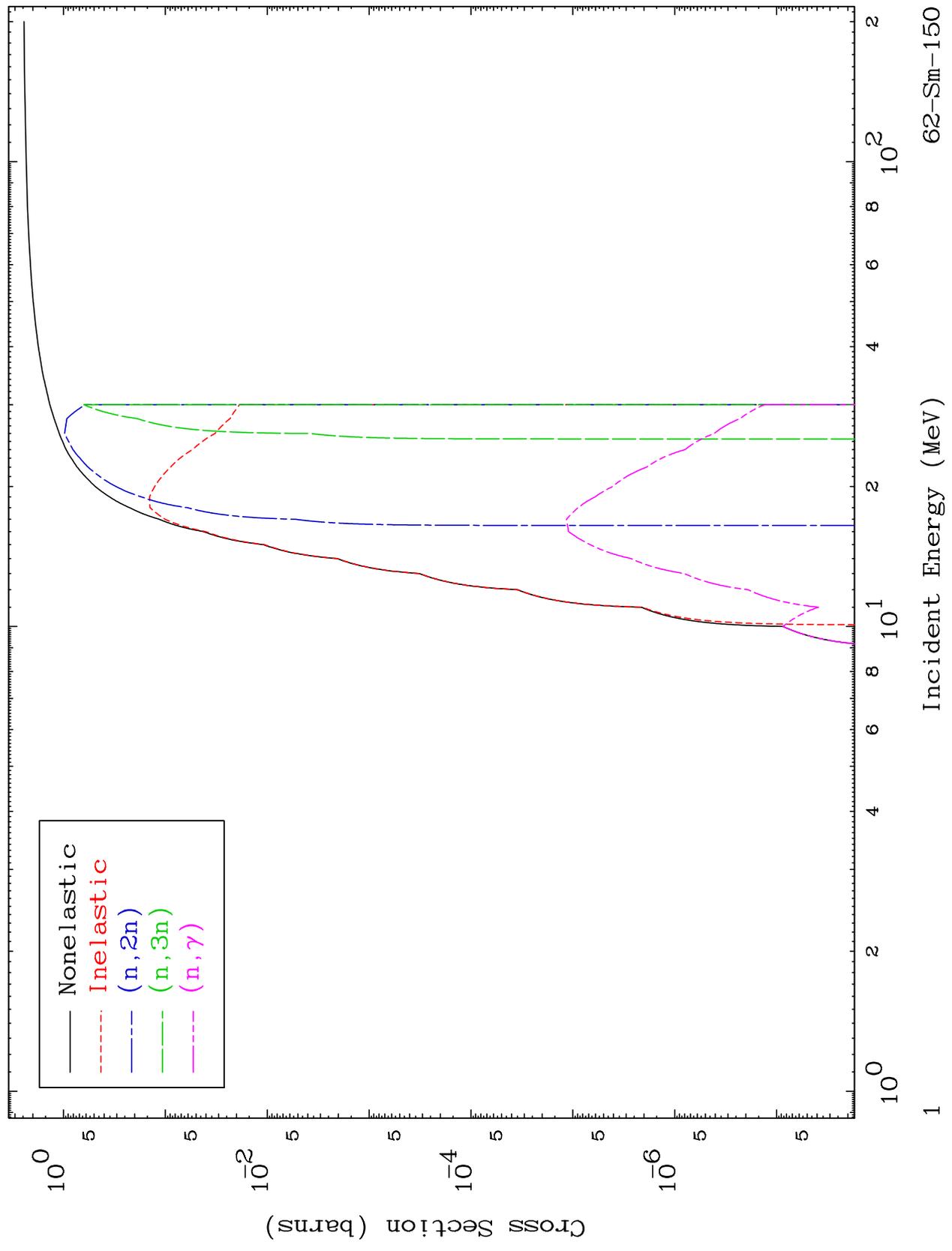
Press Mouse Button to Start

MAT 6243

0 Kelvin

Major Cross Sections

$^{62}\text{Sm}-150$



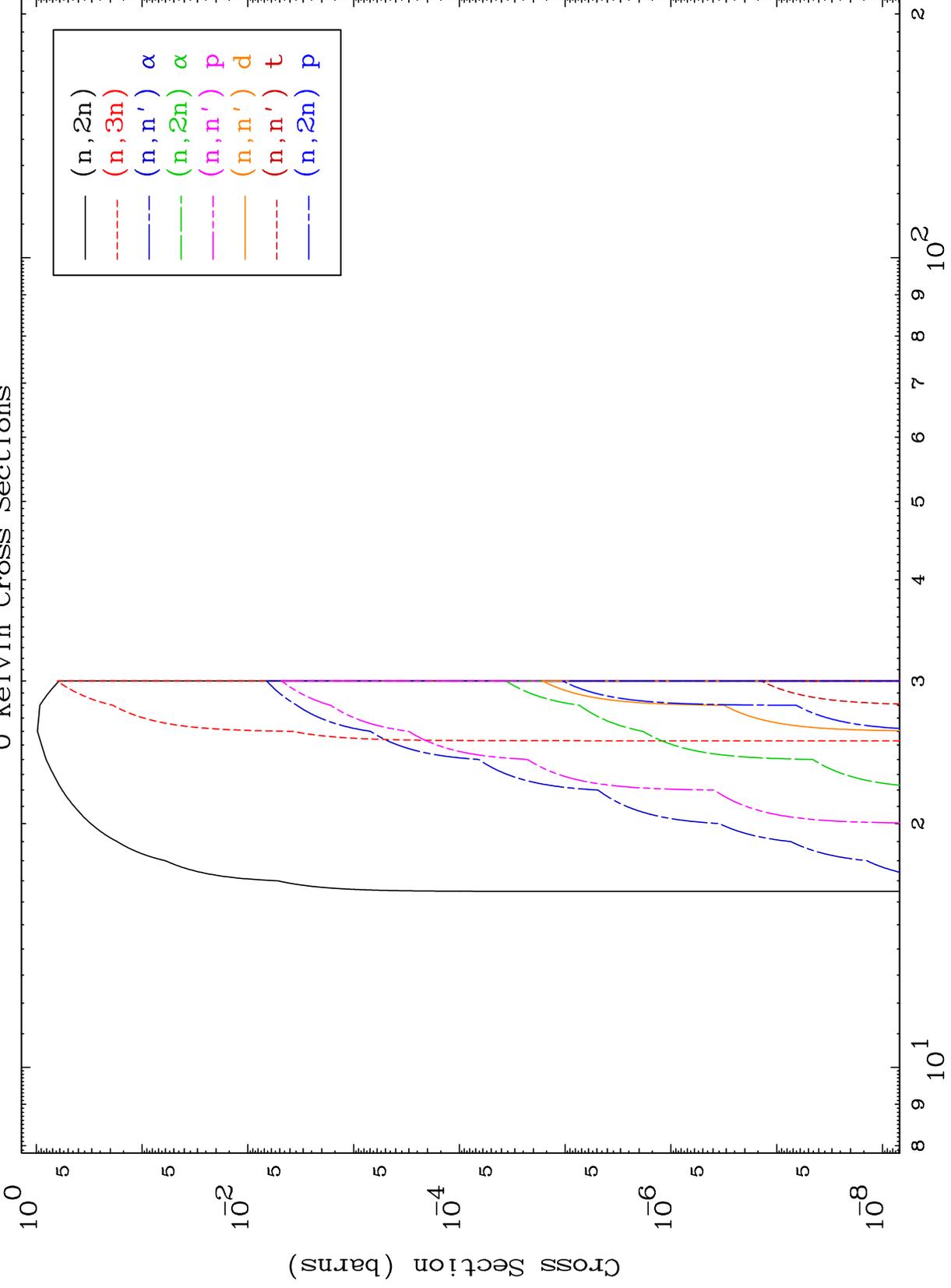
$^{62}\text{Sm}-150$

Incident Energy (MeV)

MAT 6243

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-150



2

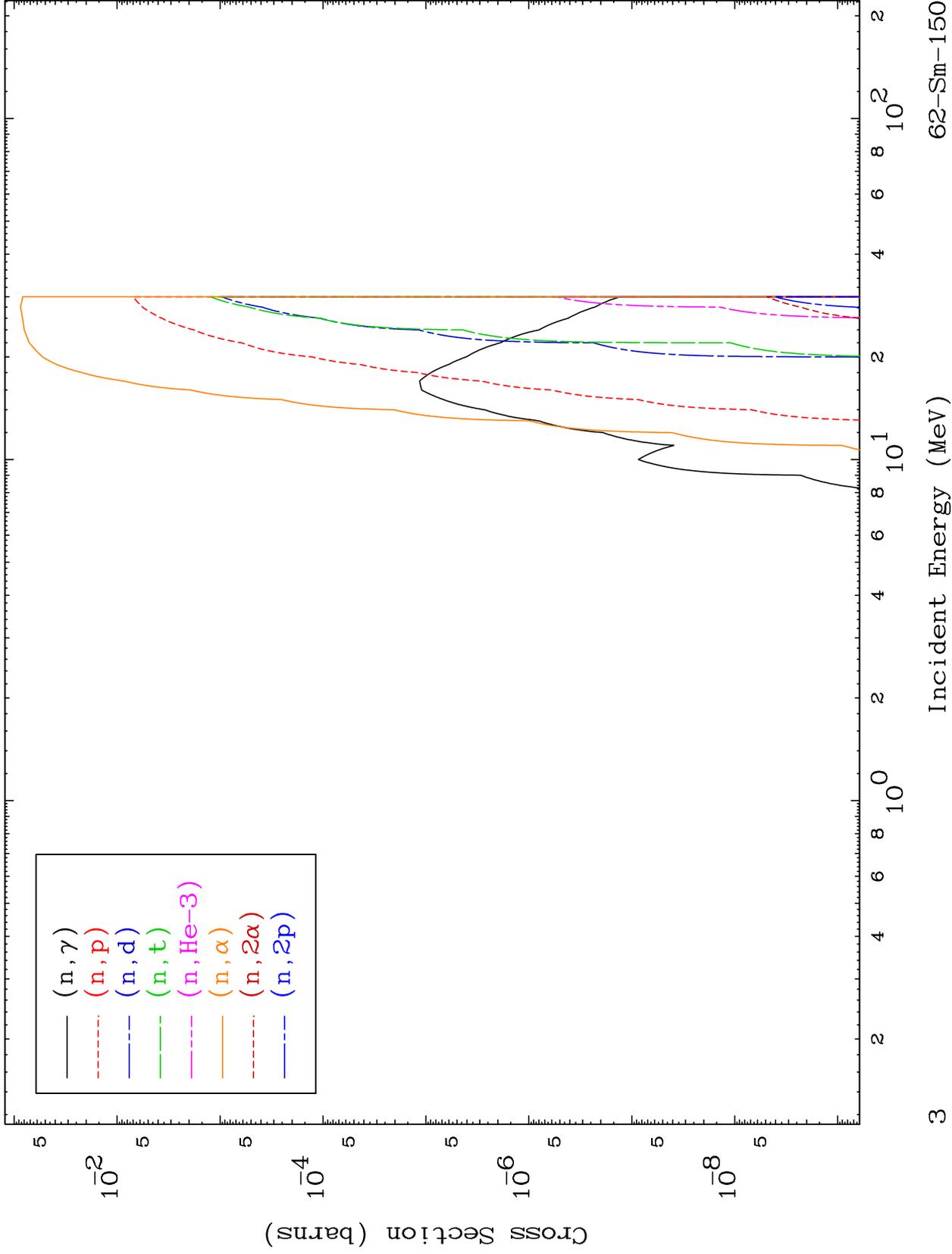
Incident Energy (MeV)

62-Sm-150

MAT 6243

α Neutron Absorption
0 Kelvin Cross Sections

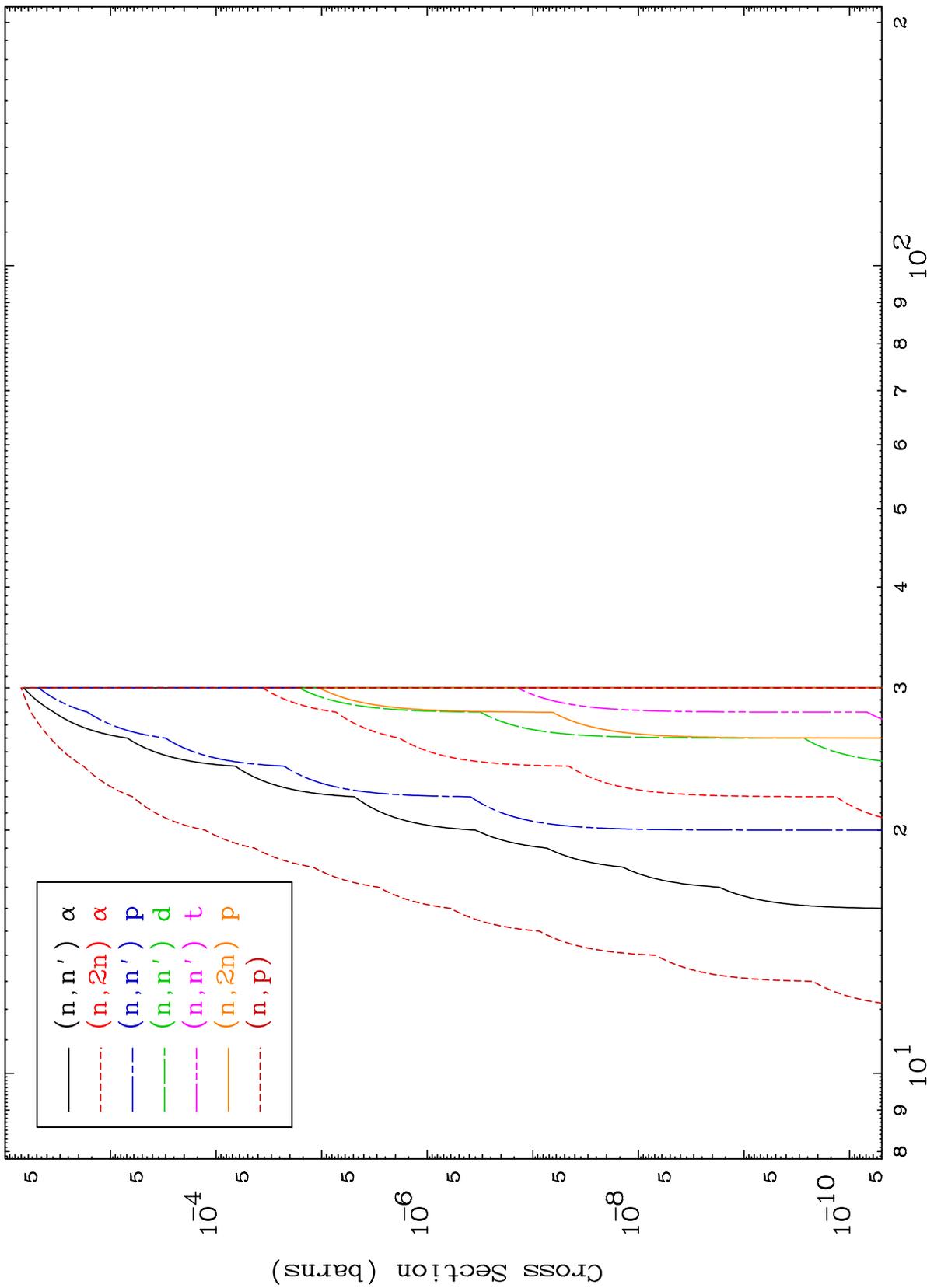
62-Sm-150



MAT 6243

α Charged Particle
0 Kelvin Cross Sections

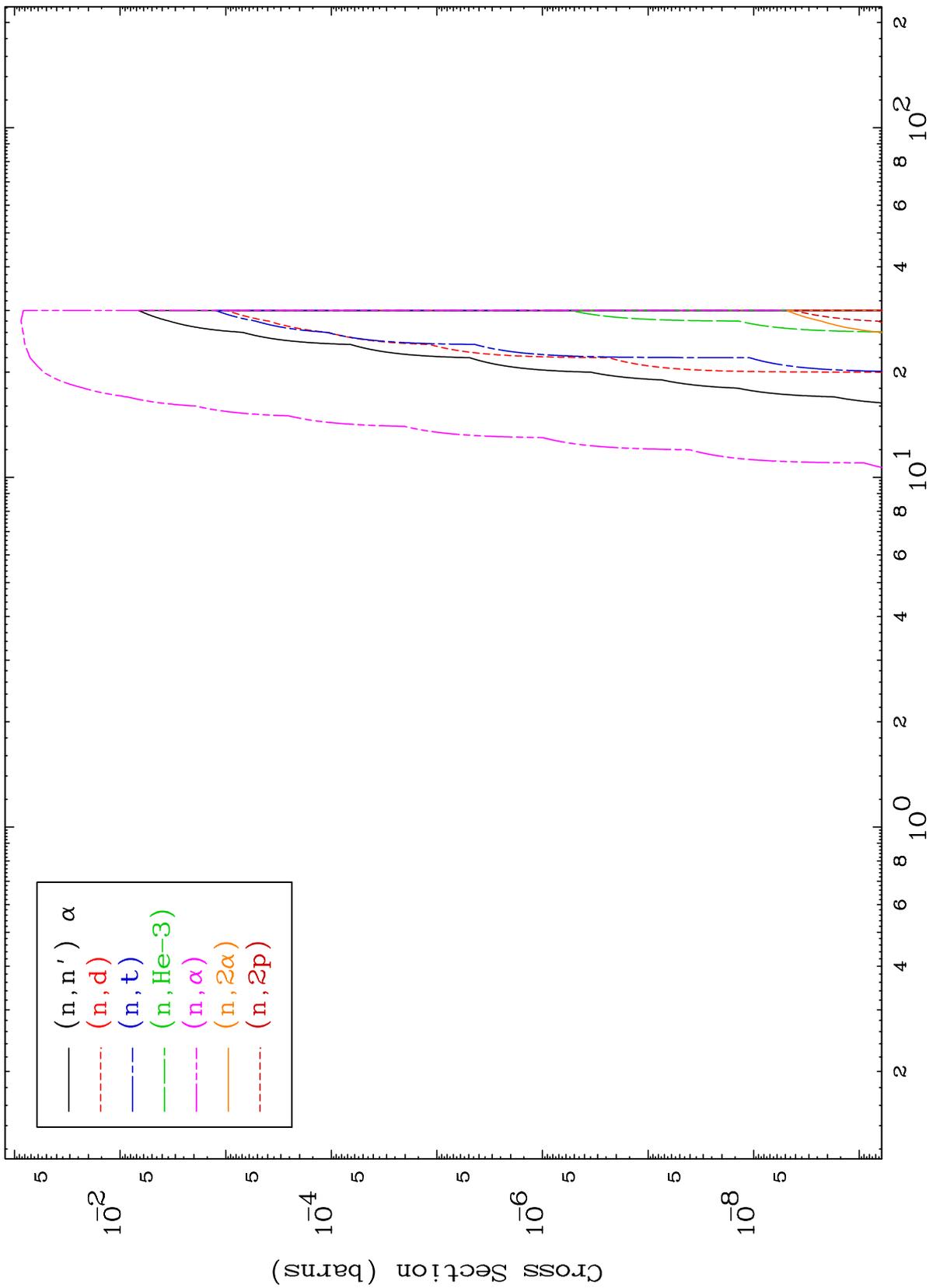
62-Sm-150



4

Incident Energy (MeV)

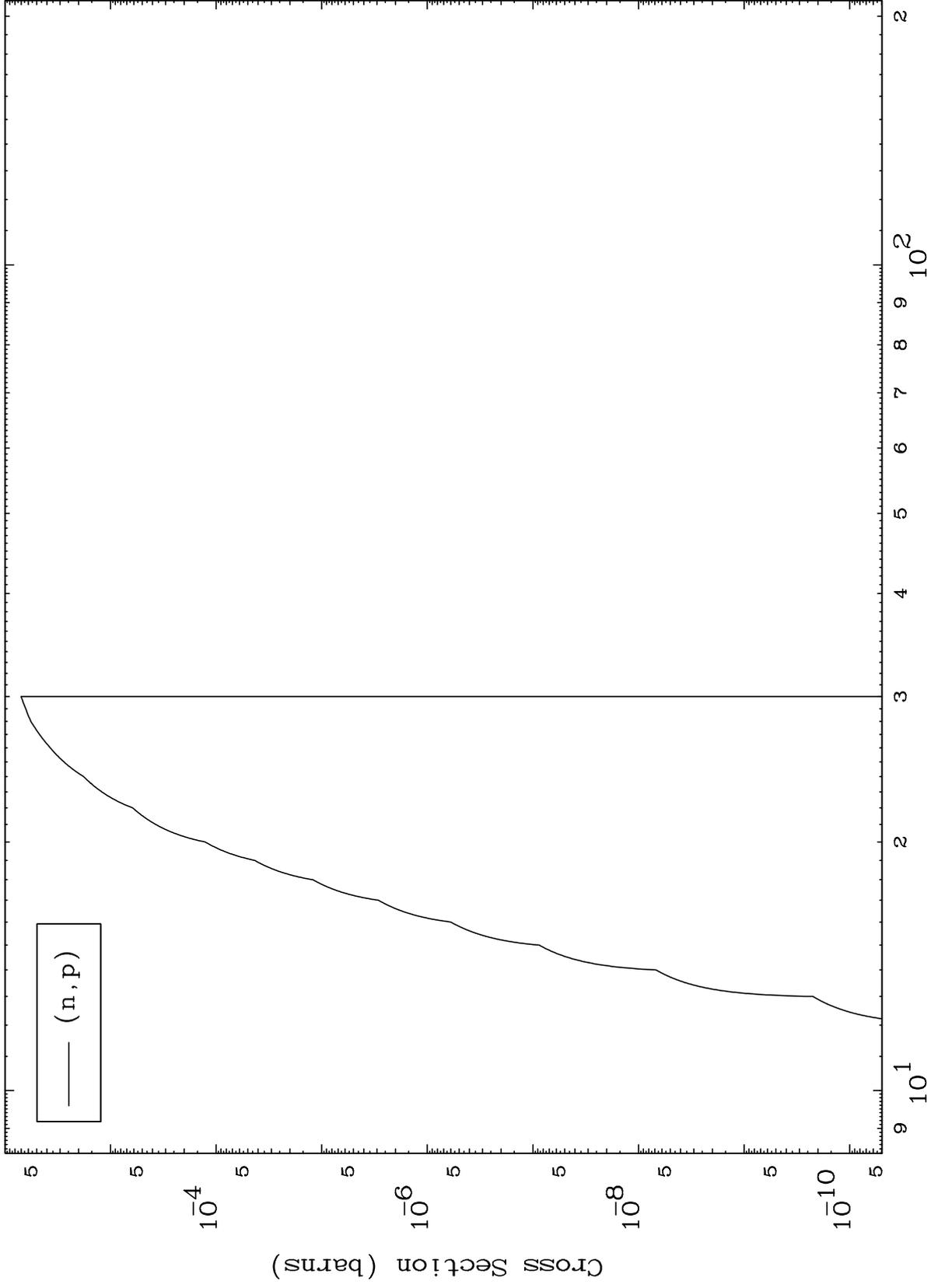
62-Sm-150



MAT 6243

(α, p) Levels
0 Kelvin Cross Sections

62-Sm-150



Incident Energy (MeV)

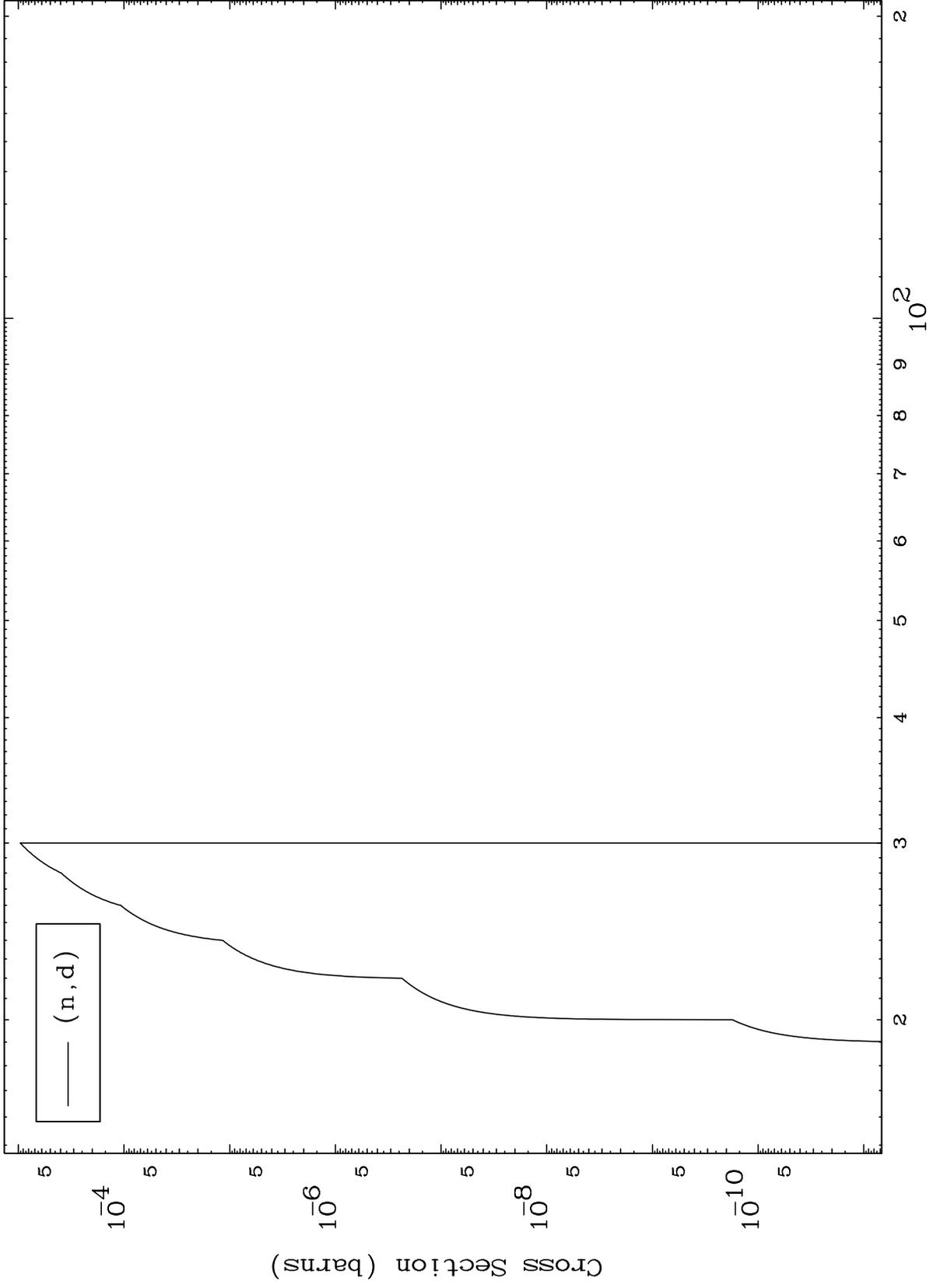
62-Sm-150

6

MAT 6243

(α, d) Levels
0 Kelvin Cross Sections

62-Sm-150



7

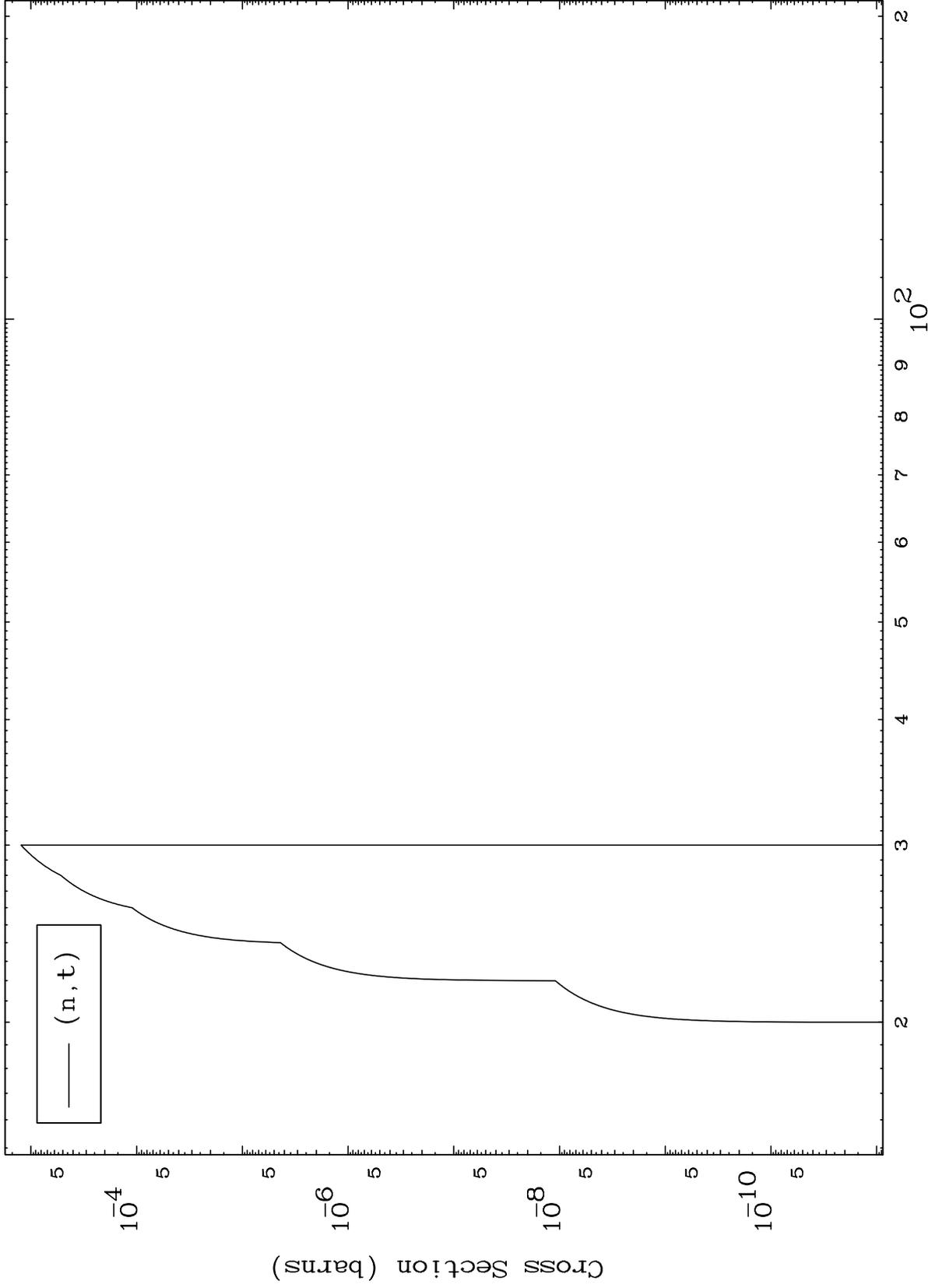
Incident Energy (MeV)

62-Sm-150

MAT 6243

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-150



8

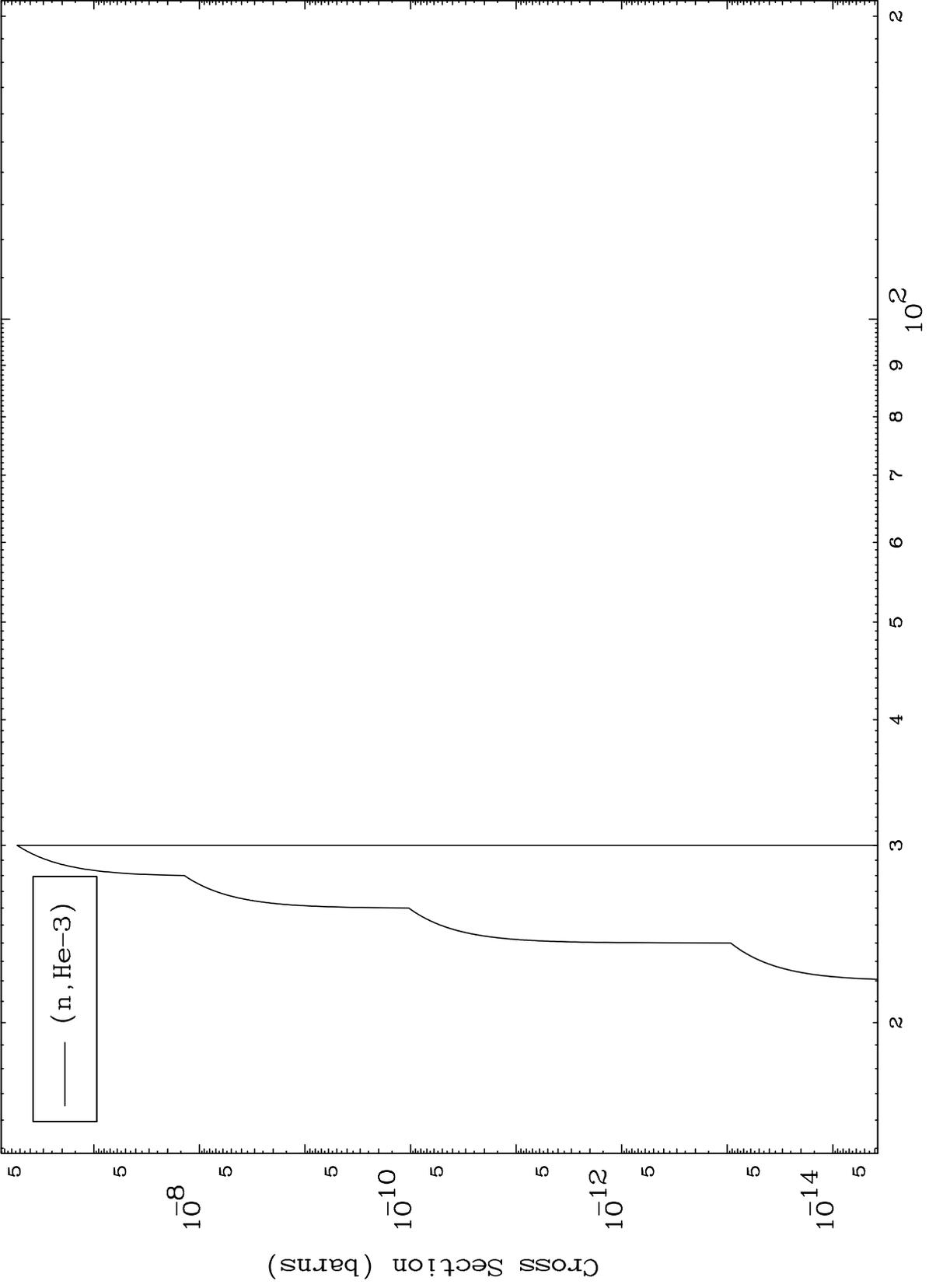
Incident Energy (MeV)

62-Sm-150

MAT 6243

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

62-Sm-150



9

Incident Energy (MeV)

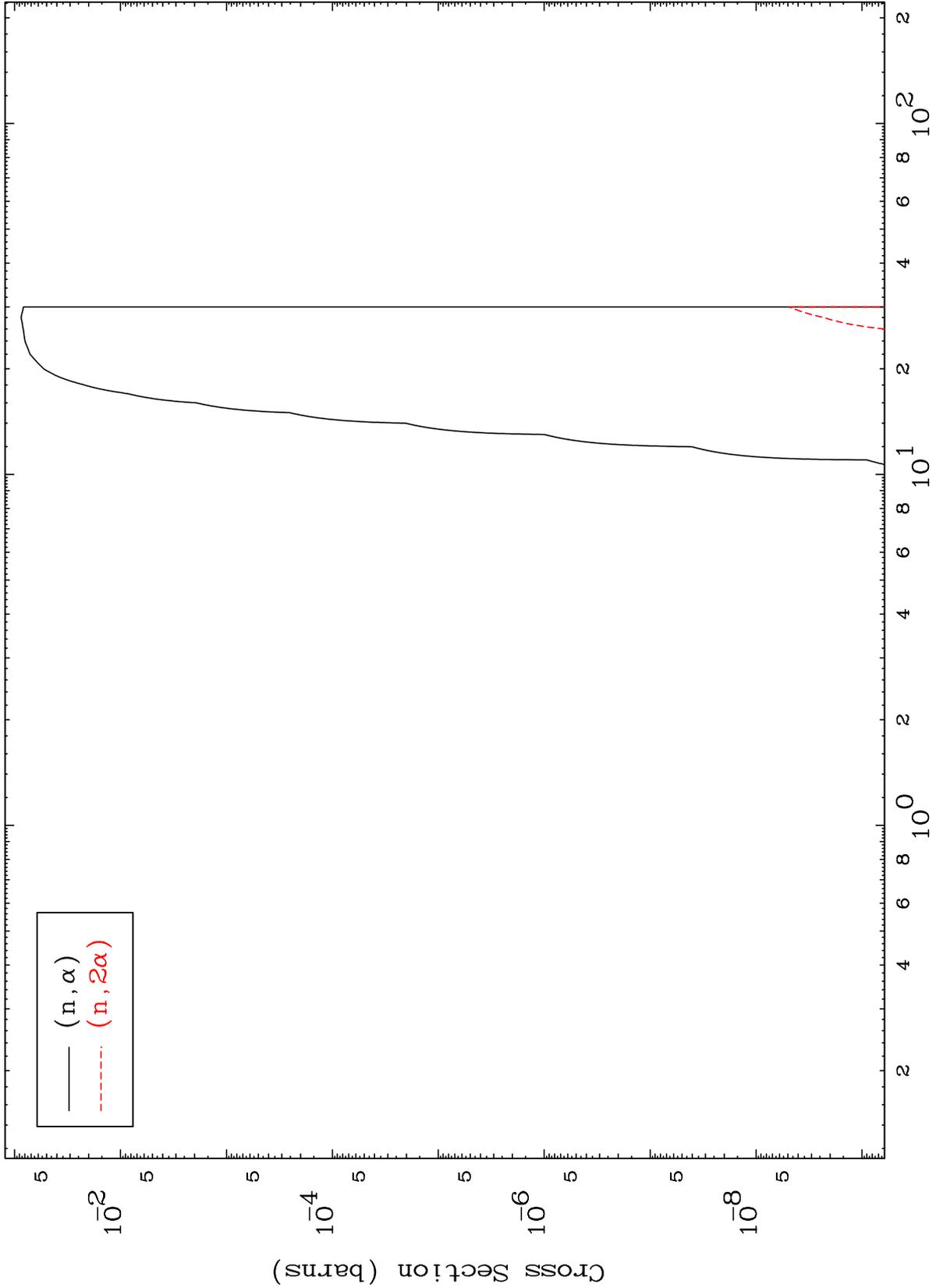
62-Sm-150

MAT 6243

(α, α) Levels

62-Sm-150

0 Kelvin Cross Sections

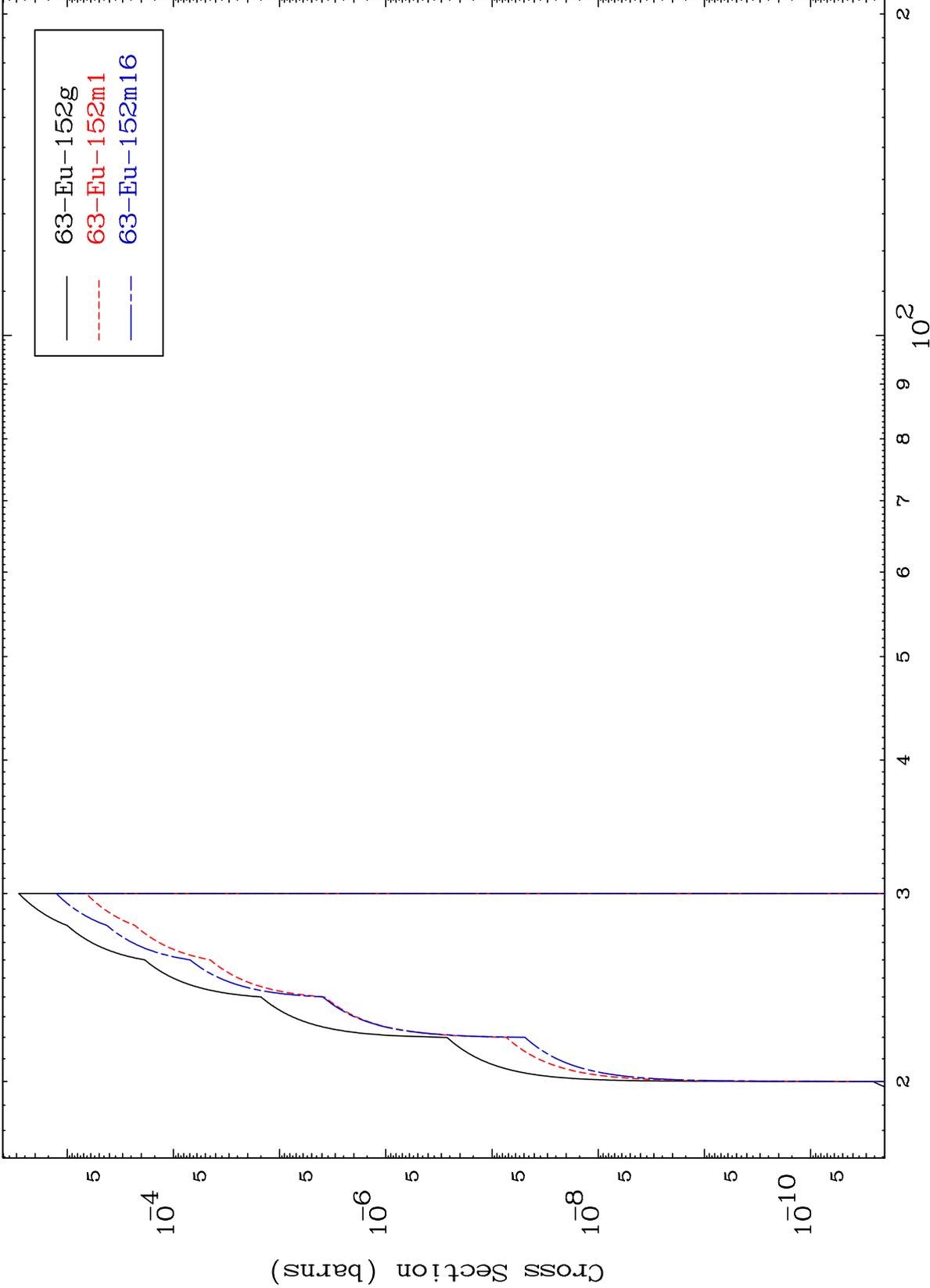


10

Incident Energy (MeV)

62-Sm-150

Radionuclide Production Cross Section

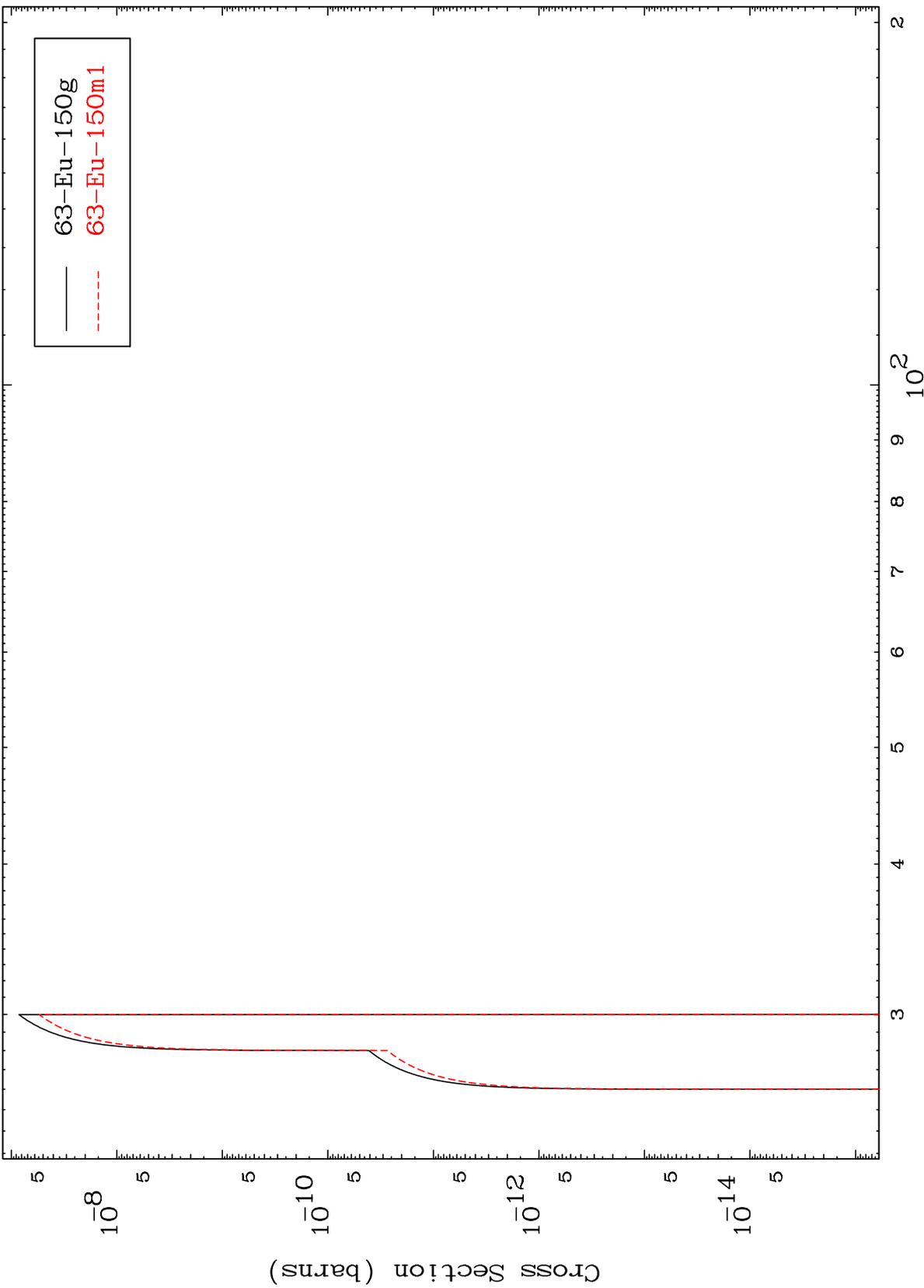


MAT 6243

(n,n') t

62-Sm-150

Radionuclide Production Cross Section



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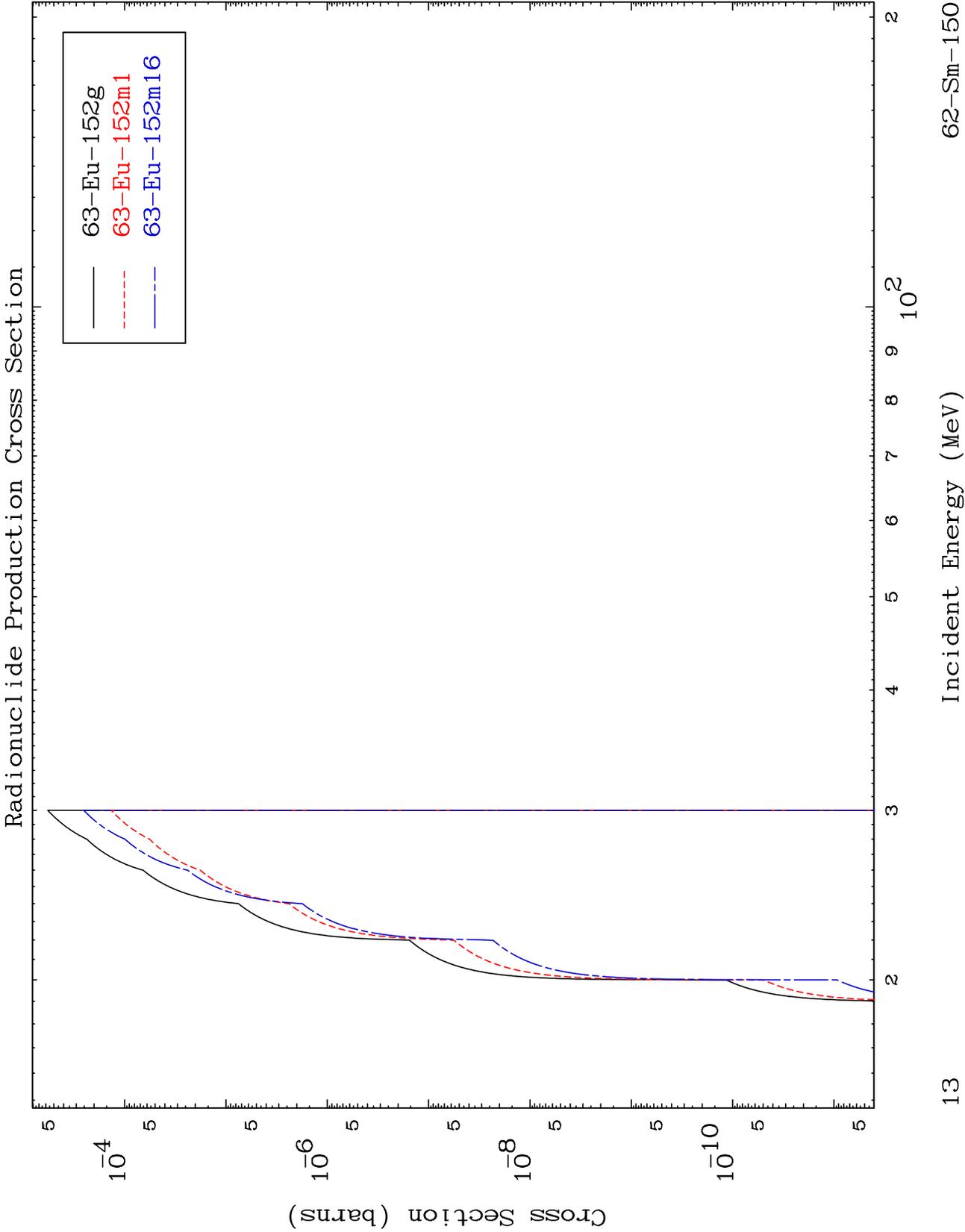
Incident Energy (MeV)

62-Sm-150

MAT 6243

(n,d)

62-Sm-150



13

62-Sm-150