

Program EVALPLOT
(Version 2021-1)

by

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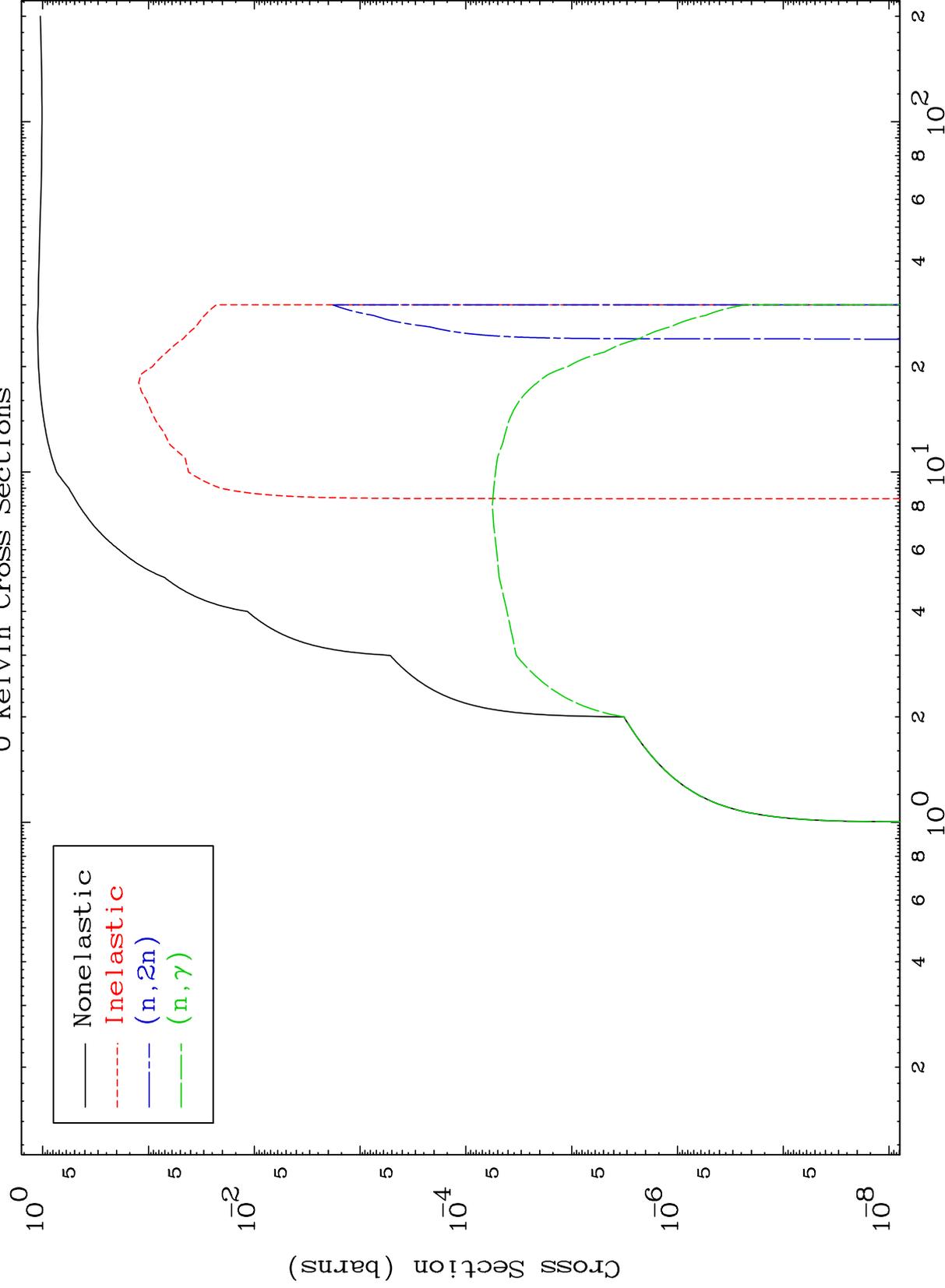
Press Mouse Button to Start

MAT 1225

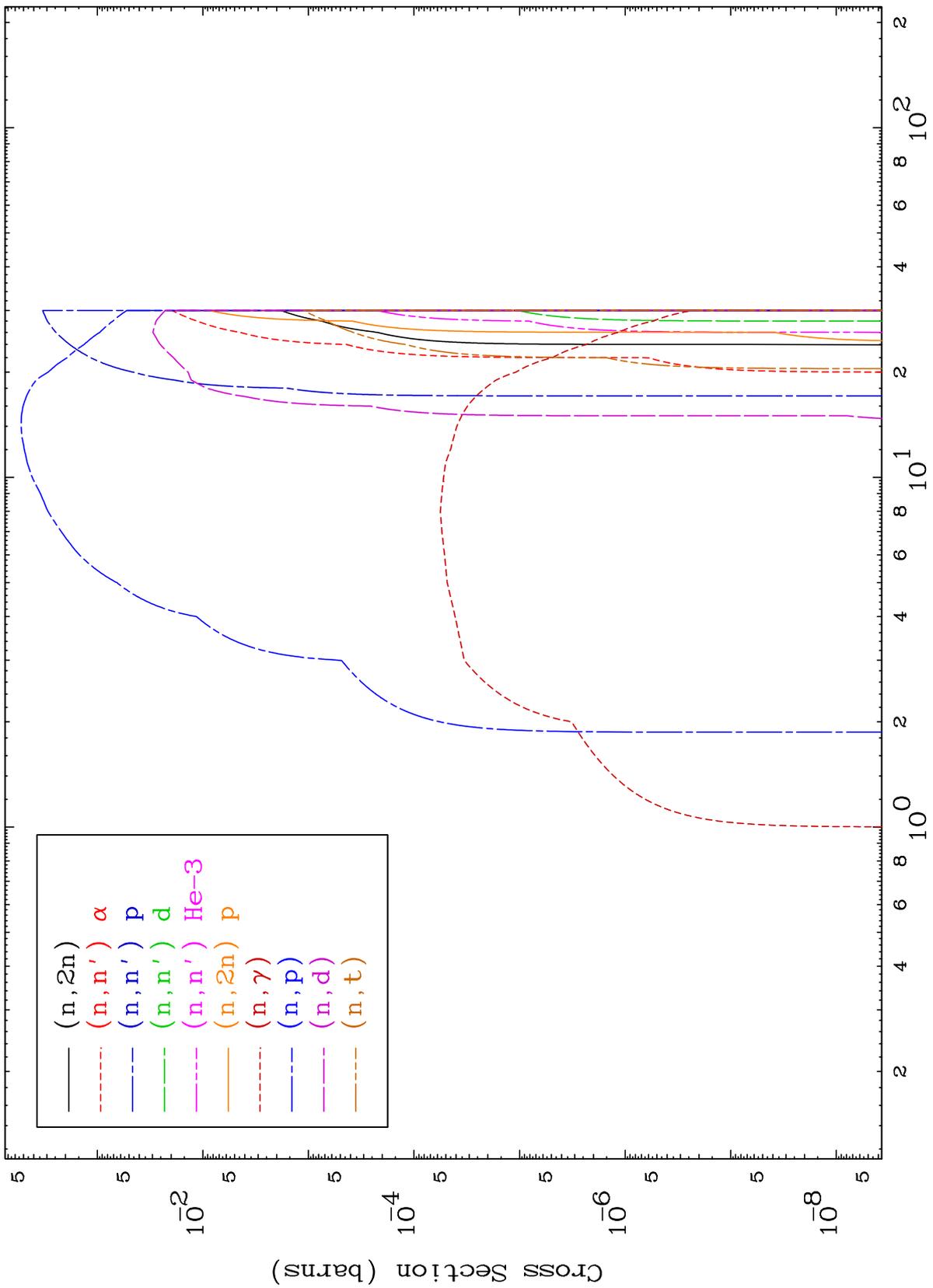
0 Kelvin

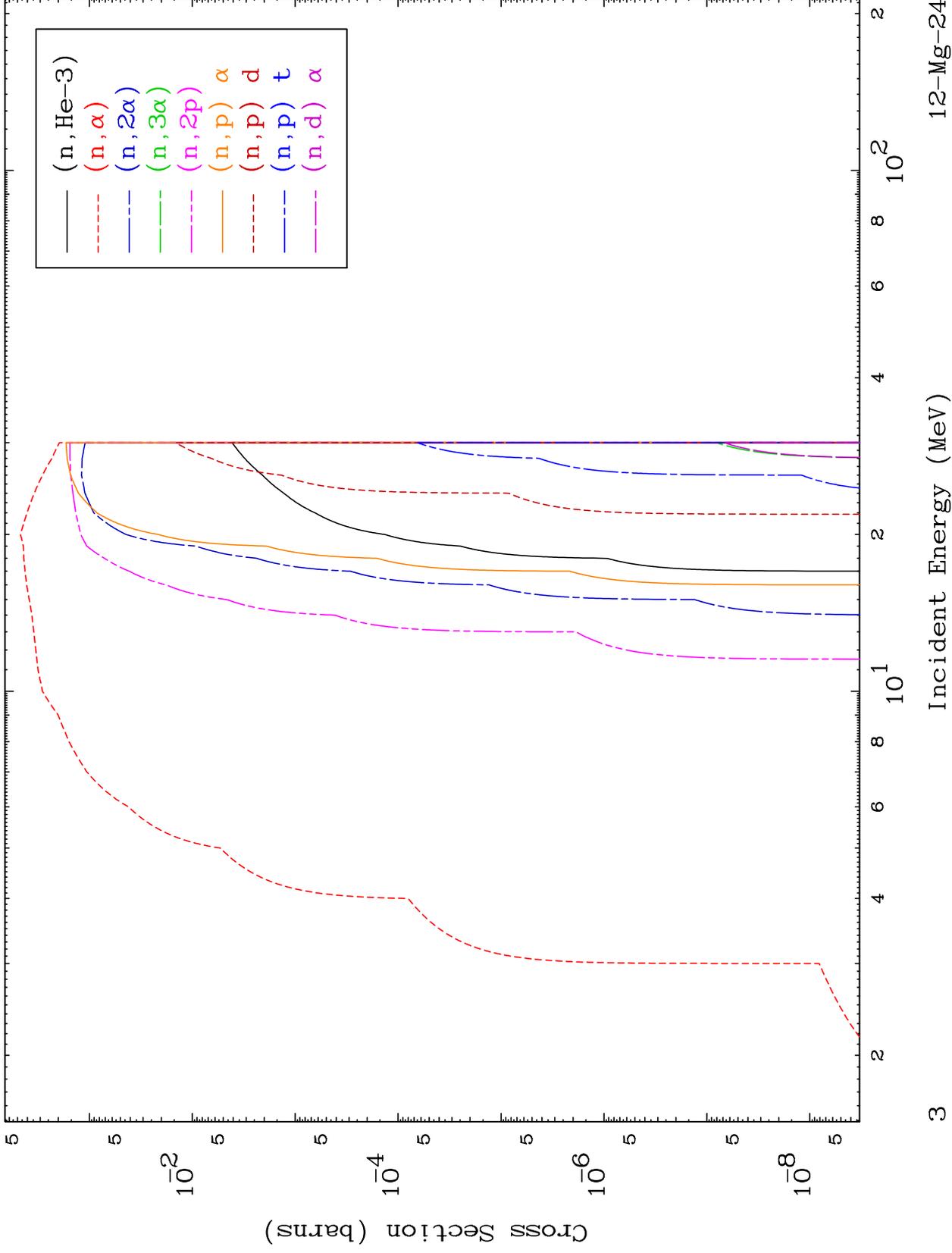
α Major Cross Sections

$^{12}\text{Mg-24}$



α Neutron Absorption
0 Kelvin Cross Sections

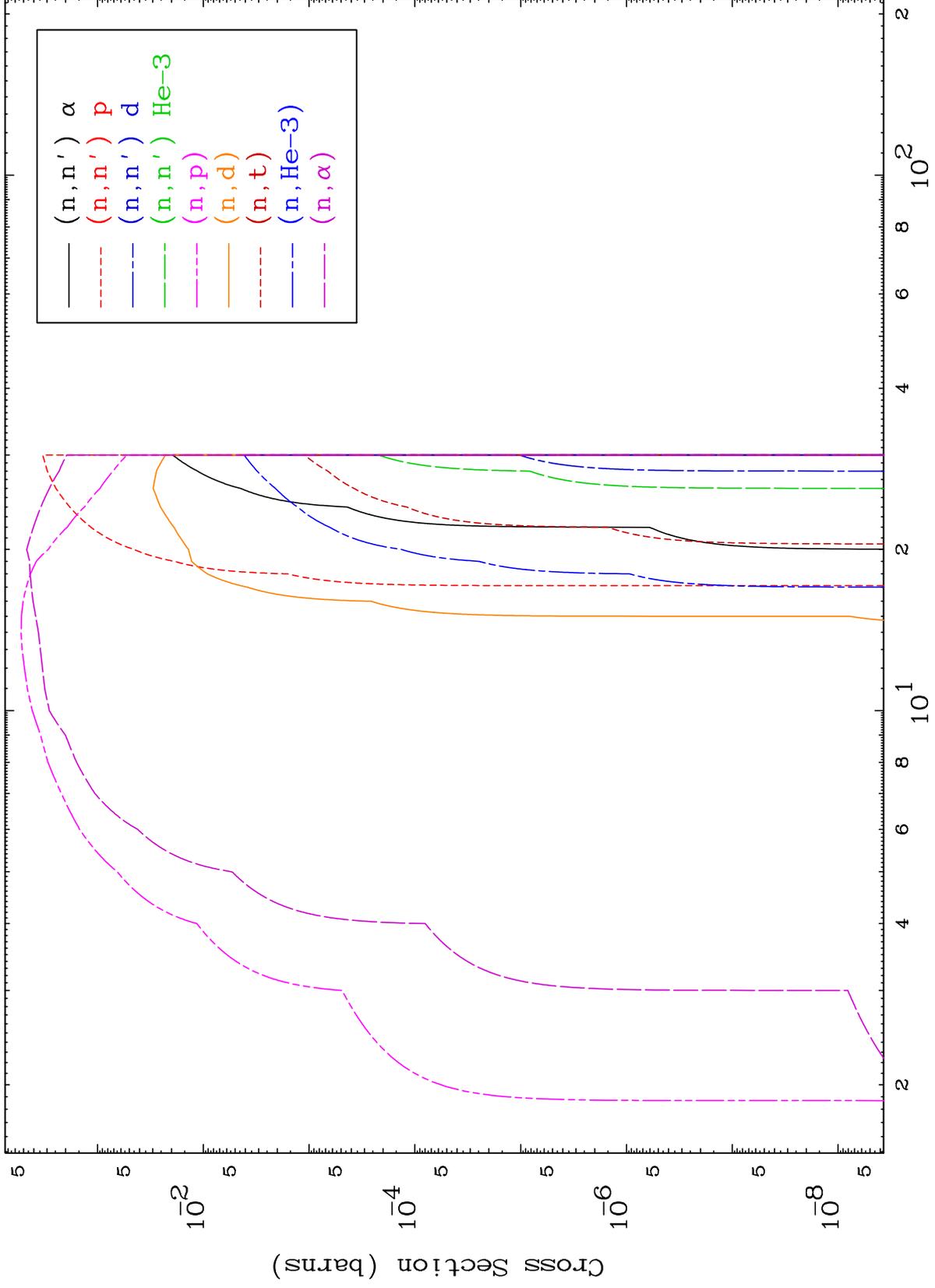




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α Charged Particle
0 Kelvin Cross Sections

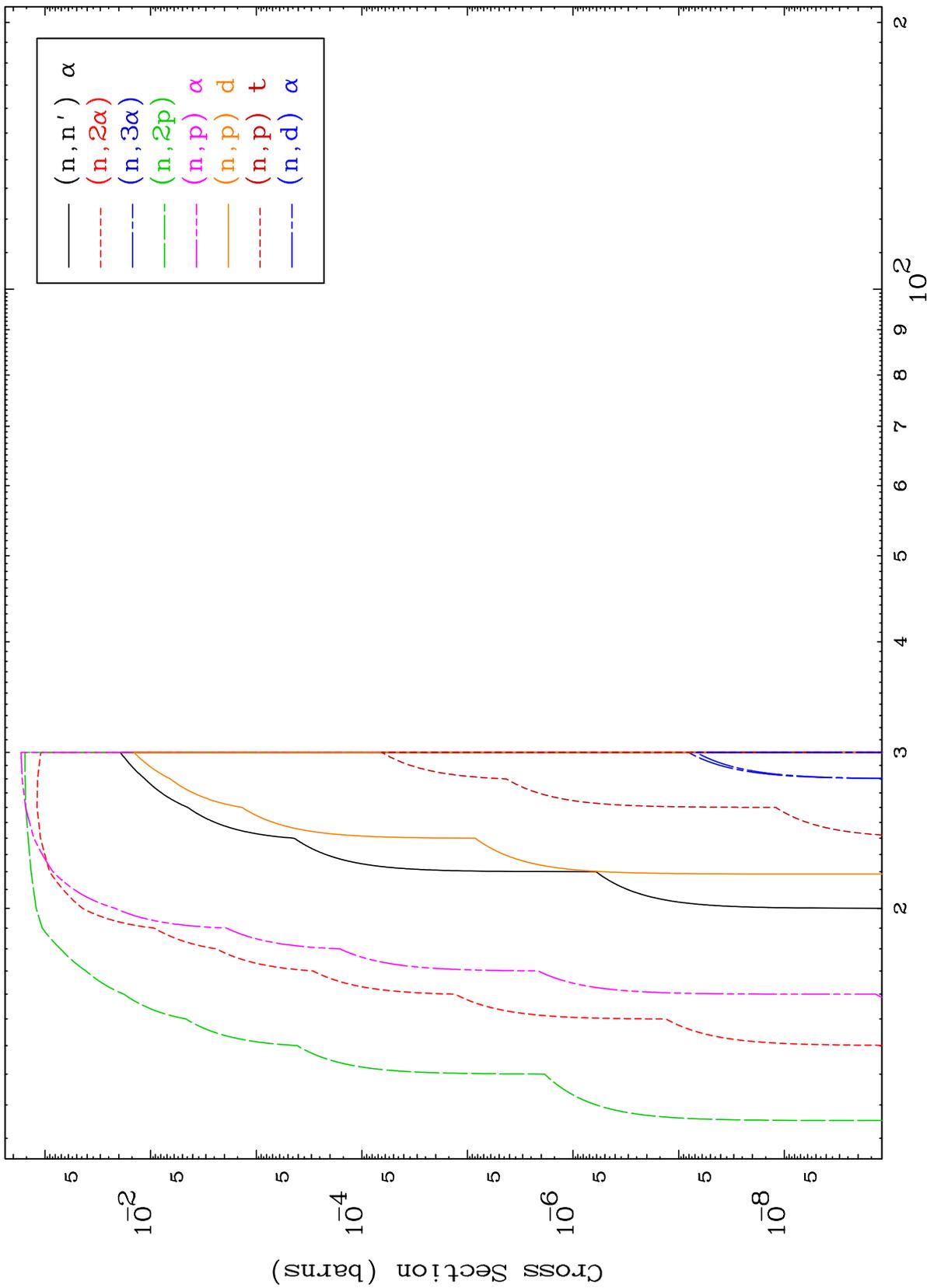
12-Mg-24



4

Incident Energy (MeV)

12-Mg-24

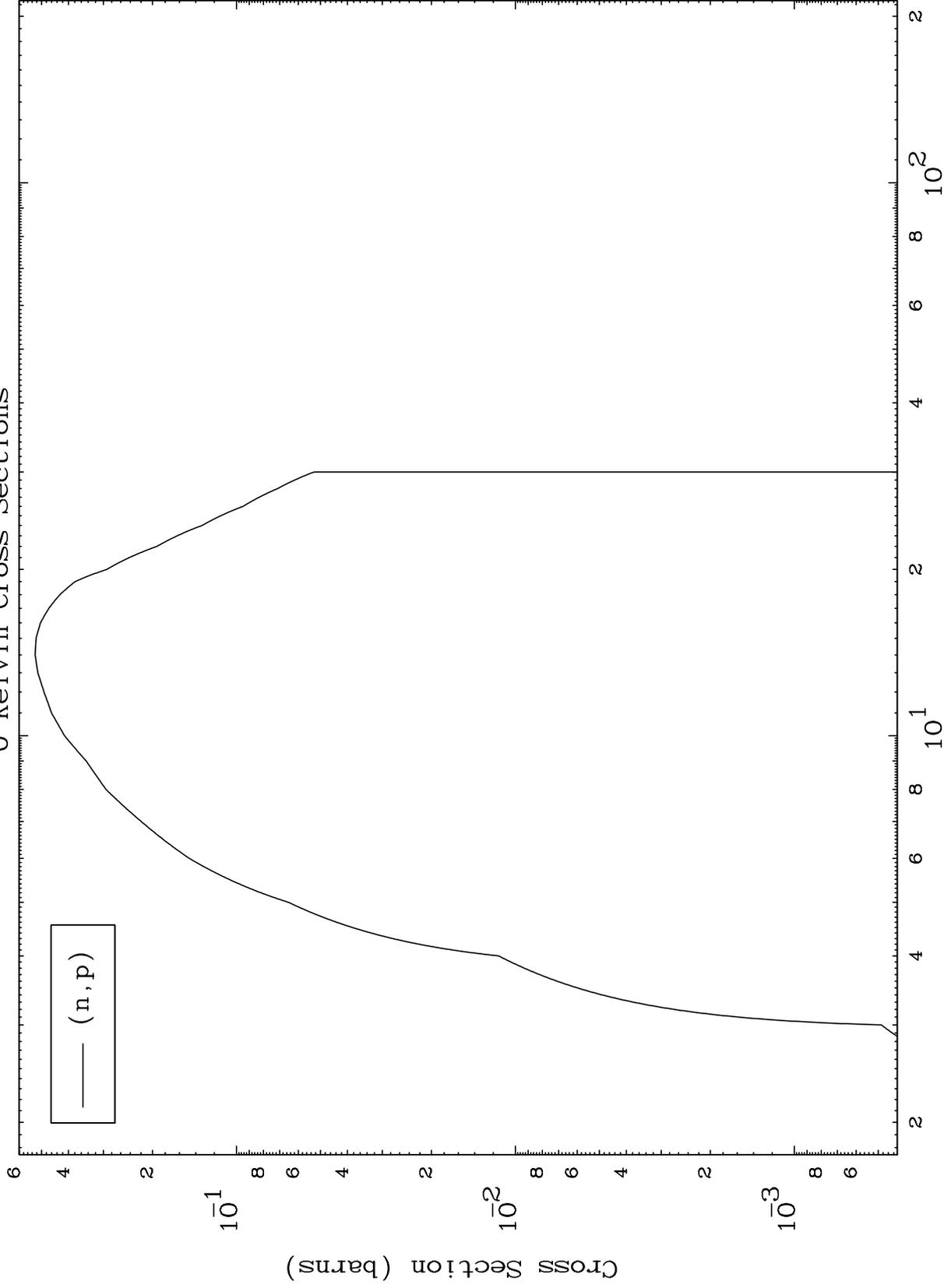


MAT 1225

(α, p) Levels

$^{12}\text{Mg-24}$

0 Kelvin Cross Sections



6

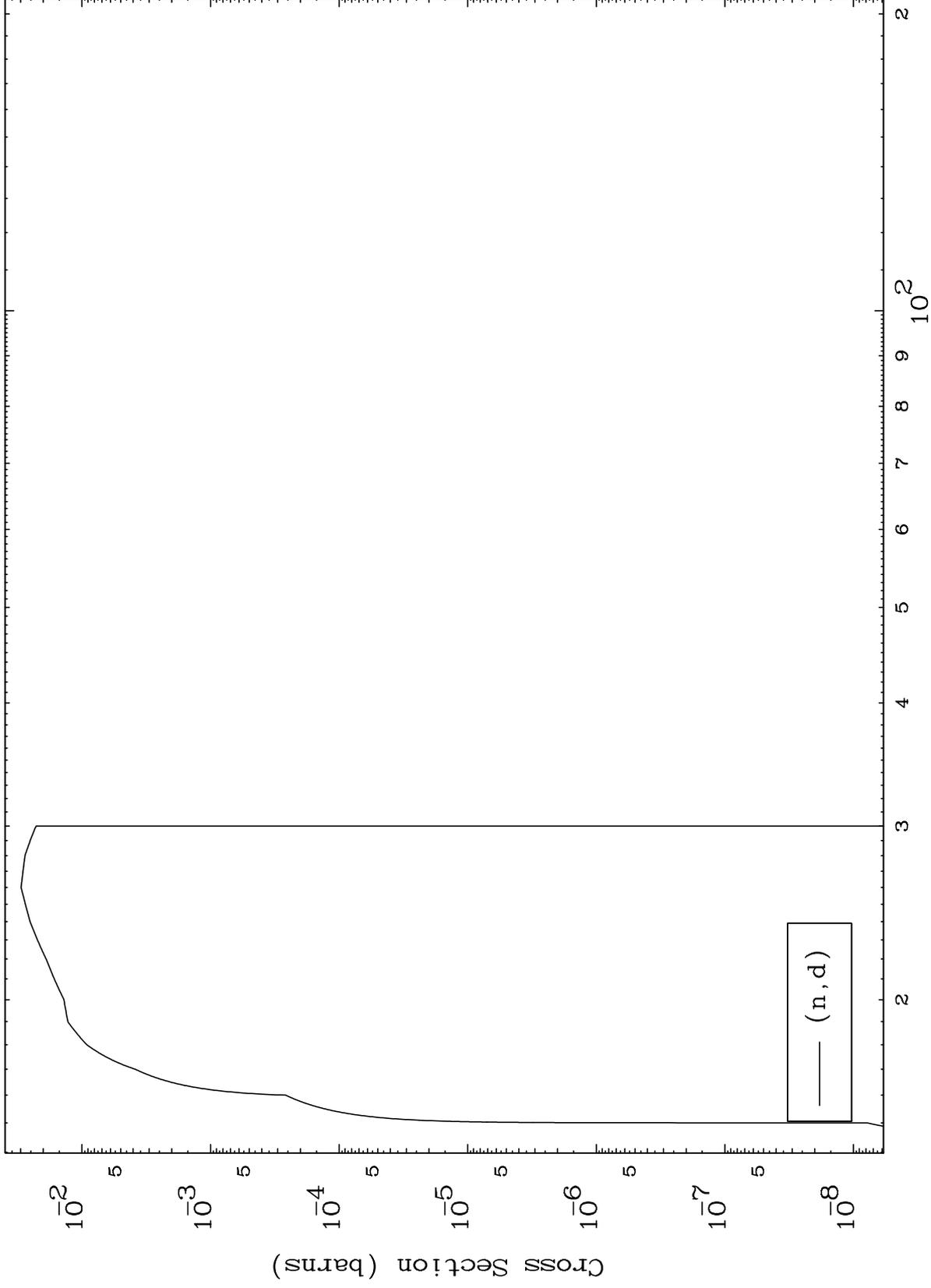
Incident Energy (MeV)

$^{12}\text{Mg-24}$

MAT 1225

(α, d) Levels
0 Kelvin Cross Sections

$^{12}\text{Mg}-24$



7

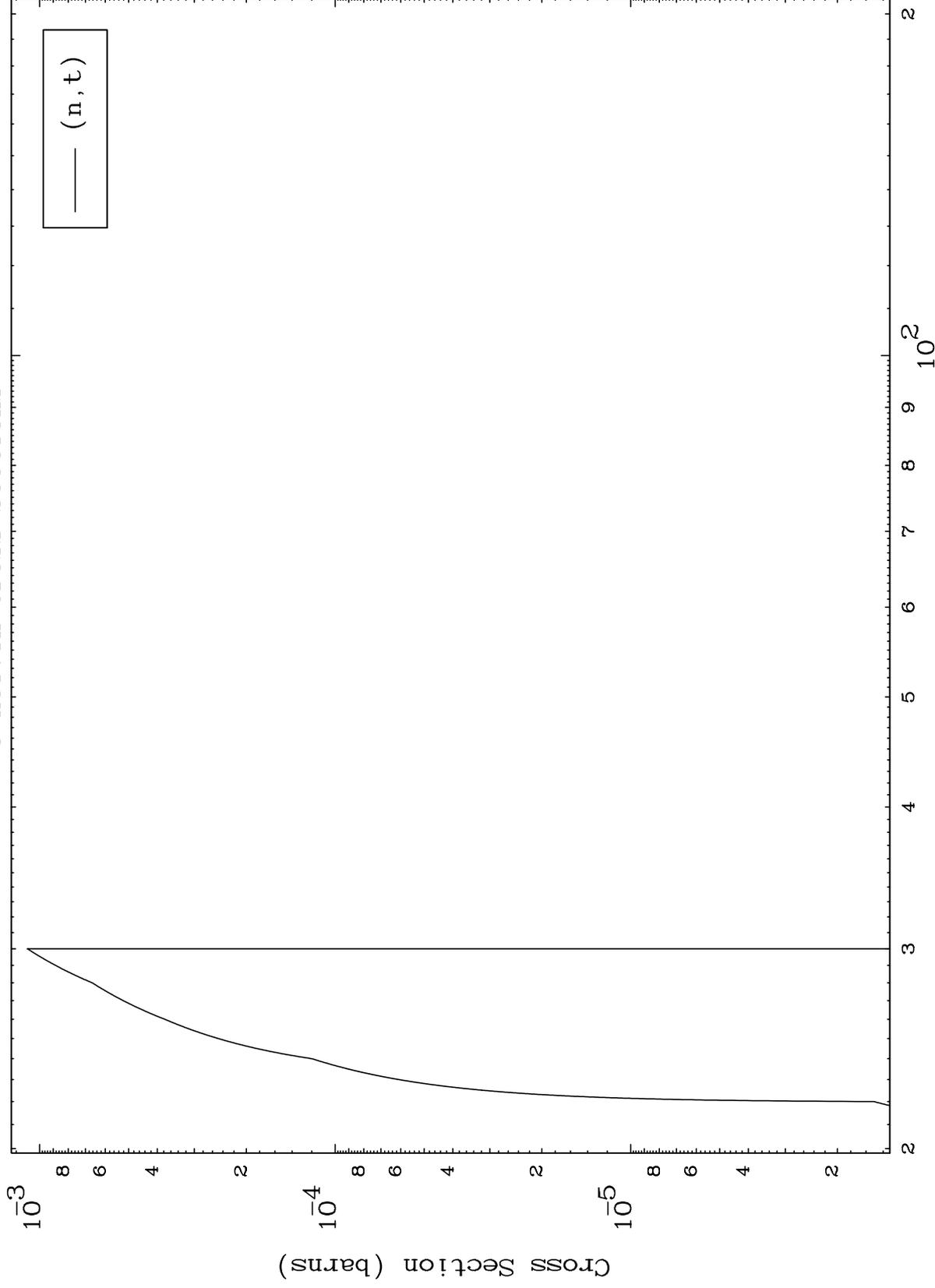
Incident Energy (MeV)

$^{12}\text{Mg}-24$

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(α, t) Levels
0 Kelvin Cross Sections

$^{12}\text{Mg-24}$



$^{12}\text{Mg-24}$

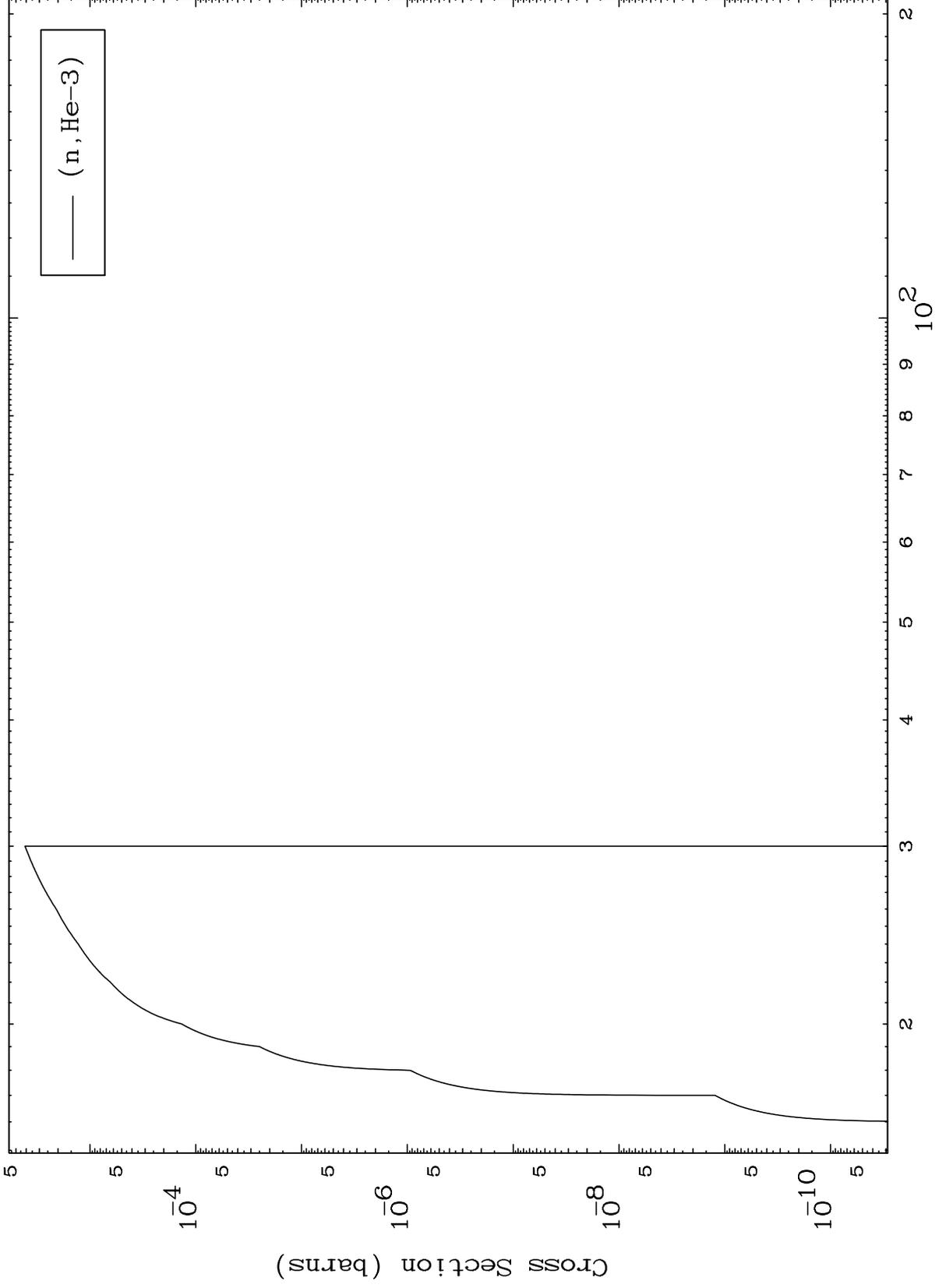
Incident Energy (MeV)

8

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

12-Mg-24



9

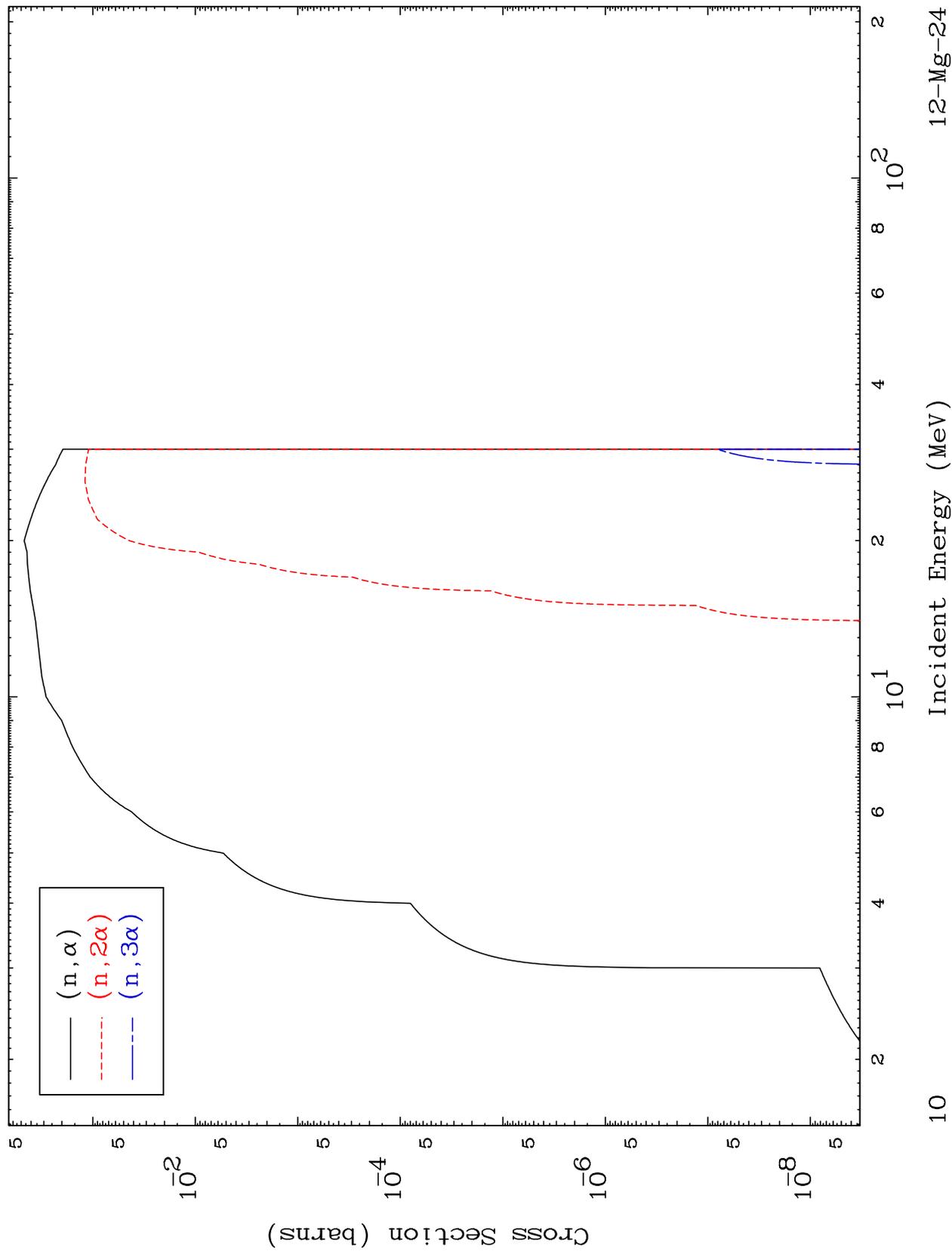
Incident Energy (MeV)

12-Mg-24

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(α, α) Levels
0 Kelvin Cross Sections

$^{12}\text{Mg-24}$

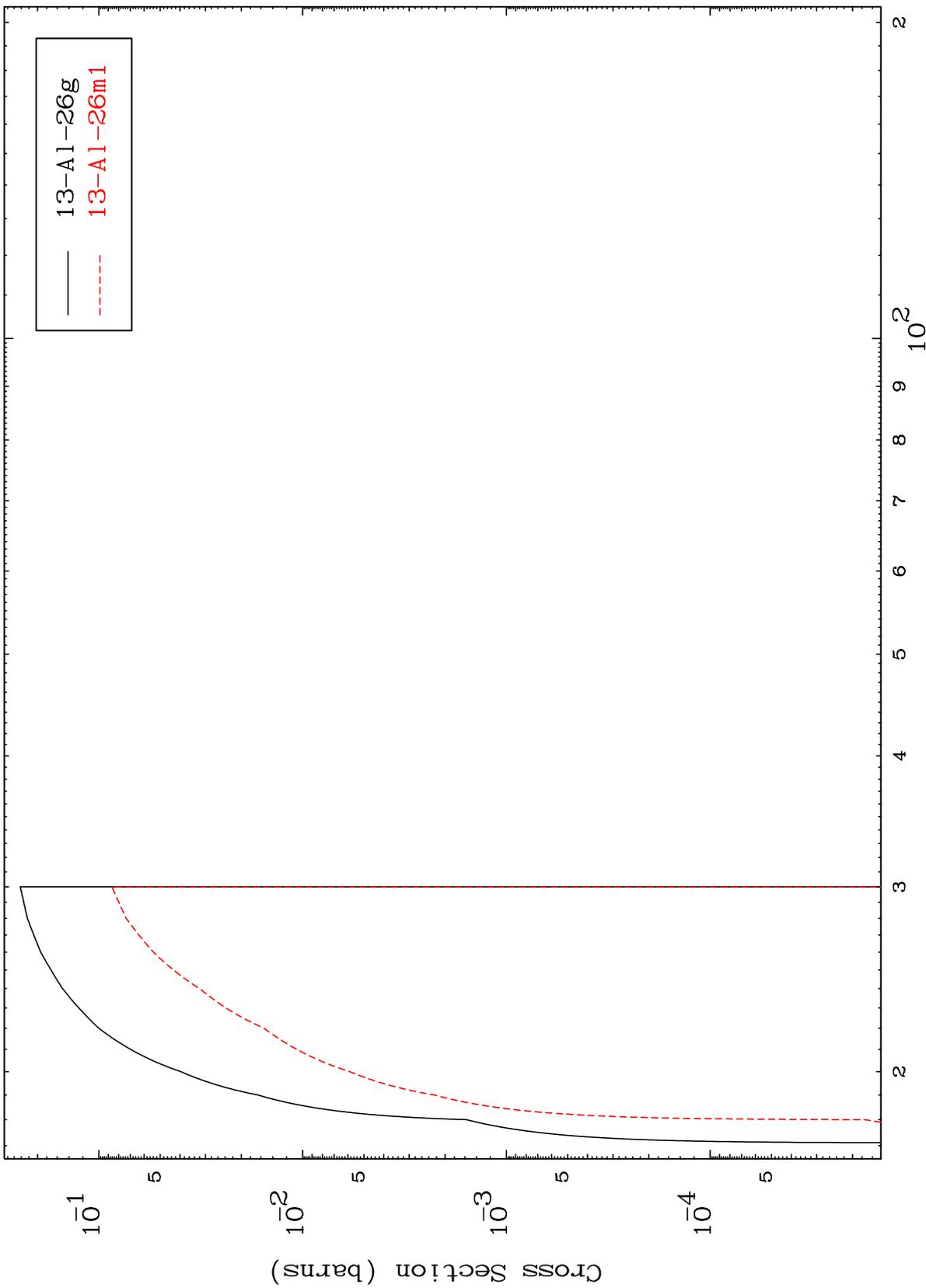


10

Incident Energy (MeV)

$^{12}\text{Mg-24}$

Radionuclide Production Cross Section



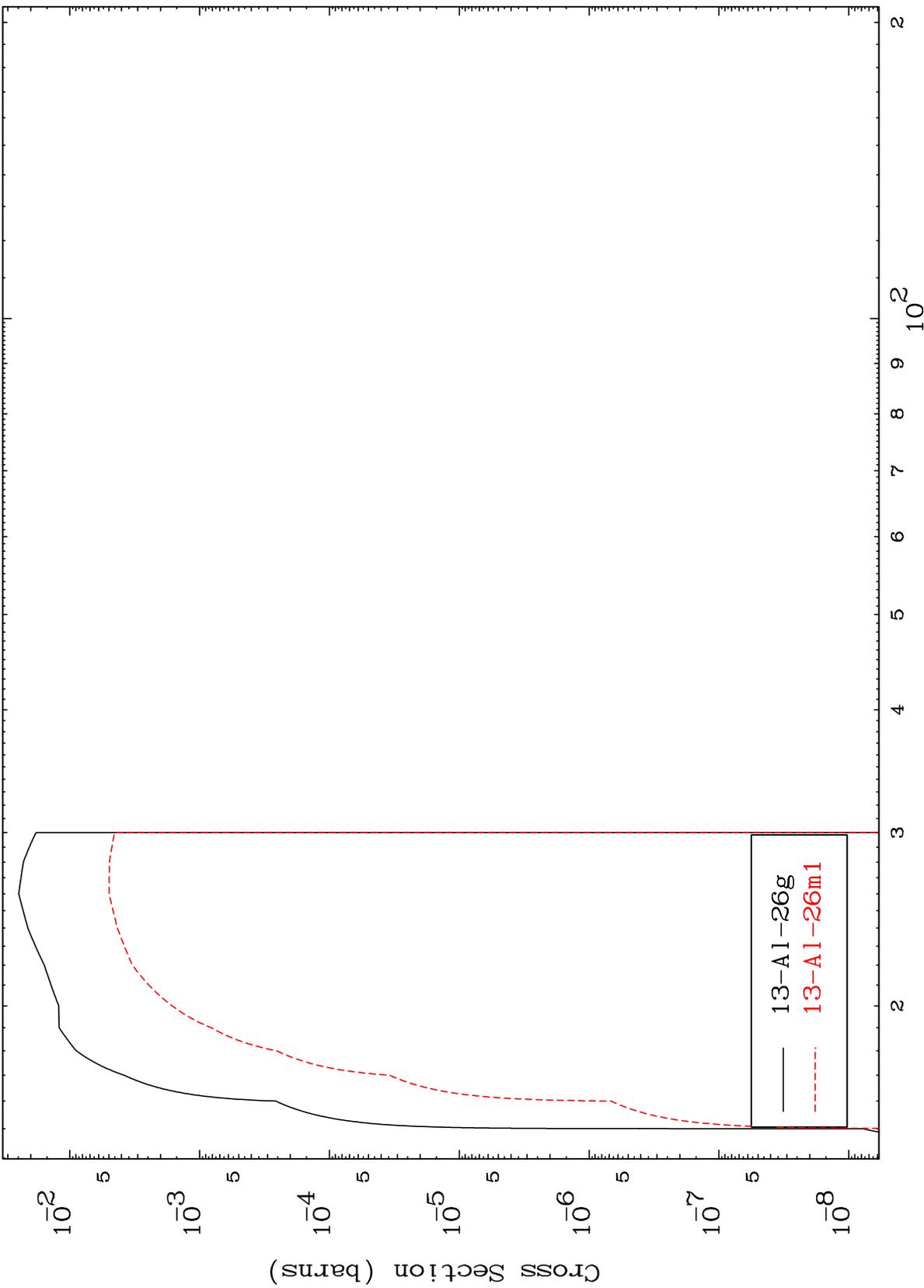
13-Al-26g
13-Al-26m1

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(n,d)

12-Mg-24

Radionuclide Production Cross Section



13-Al-26g
13-Al-26m1

12

Incident Energy (MeV)

12-Mg-24