

Program EVALPLOT
(Version 2021-1)

by

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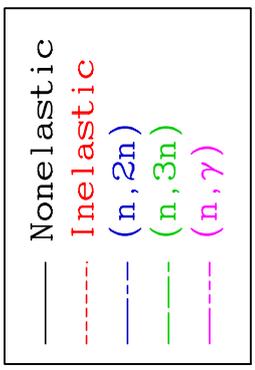
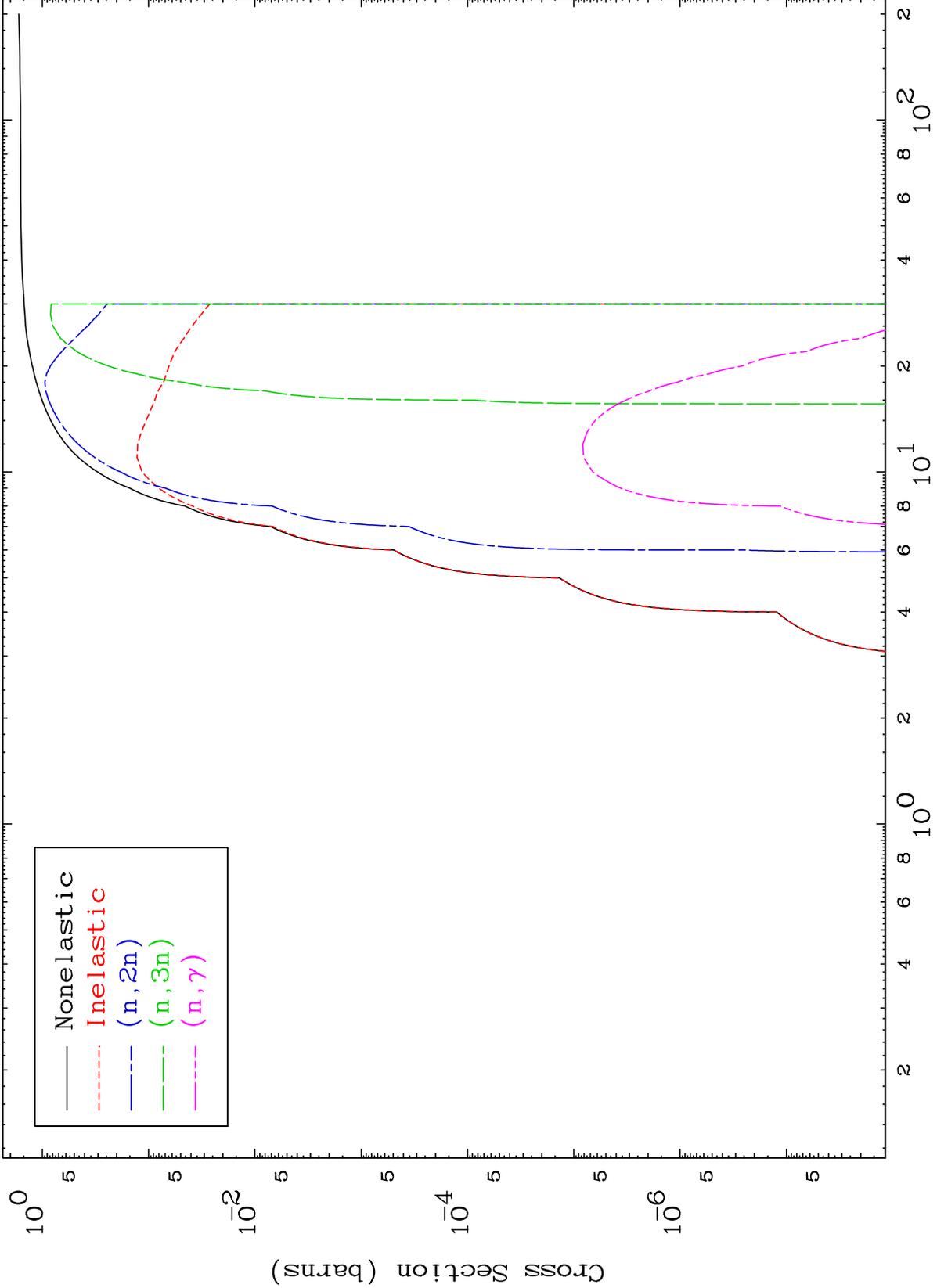
Press Mouse Button to Start

MAT 2743

α Major

27-Co-65

0 Kelvin Cross Sections



27-Co-65

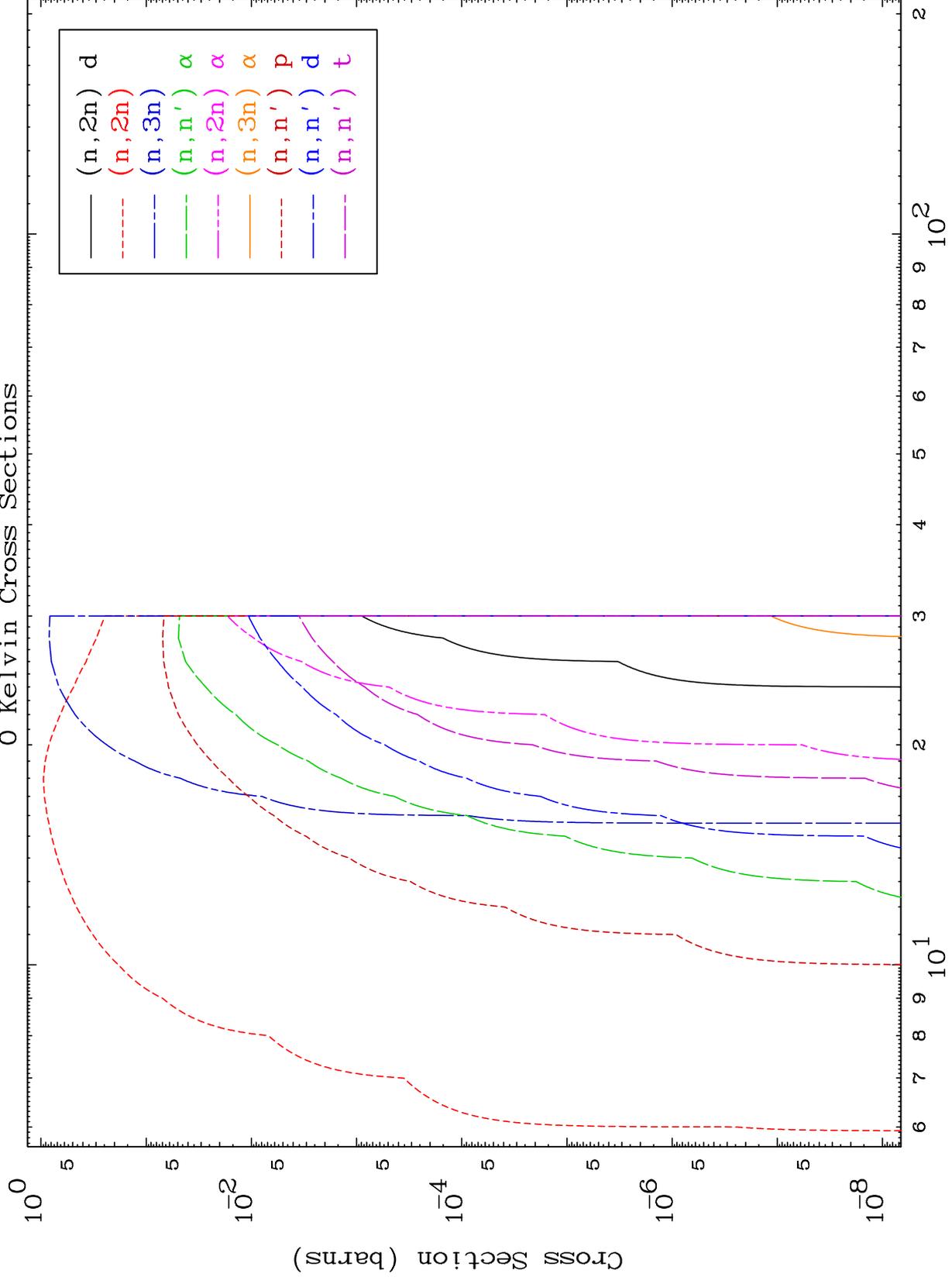
Incident Energy (MeV)

1

MAT 2743

α Neutron Absorption
0 Kelvin Cross Sections

27-Co-65



2

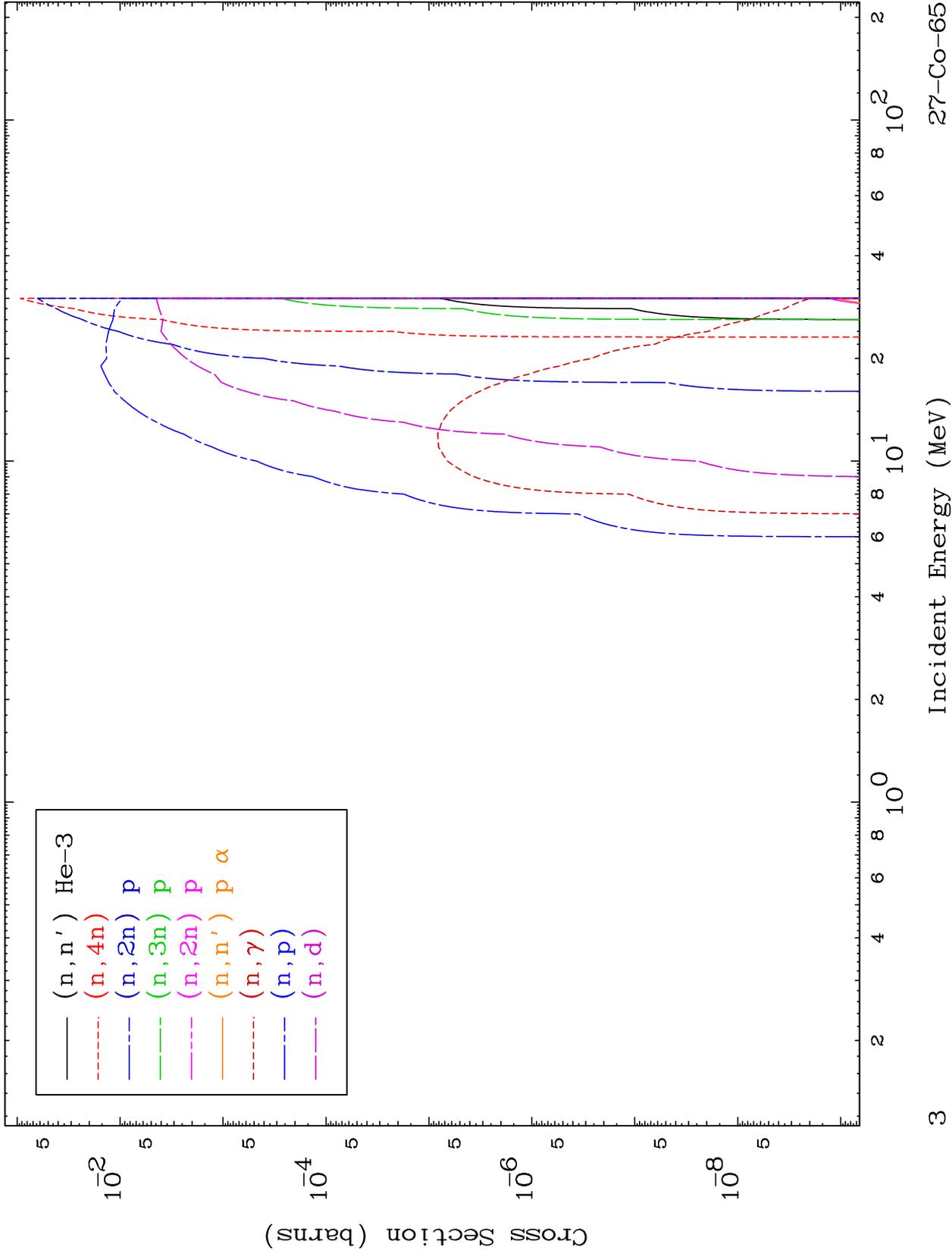
Incident Energy (MeV)

27-Co-65

MAT 2743

α Neutron Absorption
0 Kelvin Cross Sections

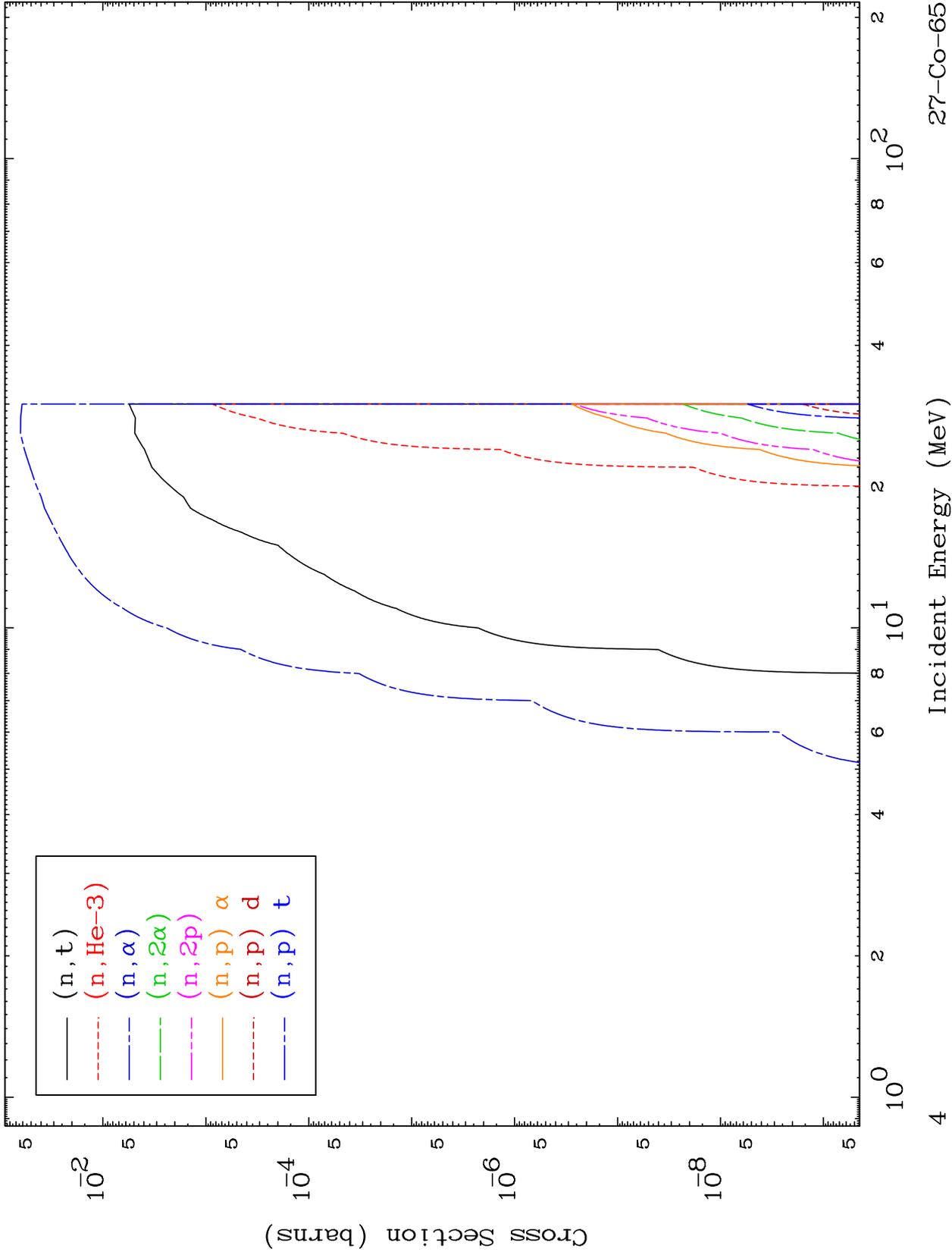
27-Co-65



MAT 2743

α Neutron Absorption
0 Kelvin Cross Sections

27-Co-65



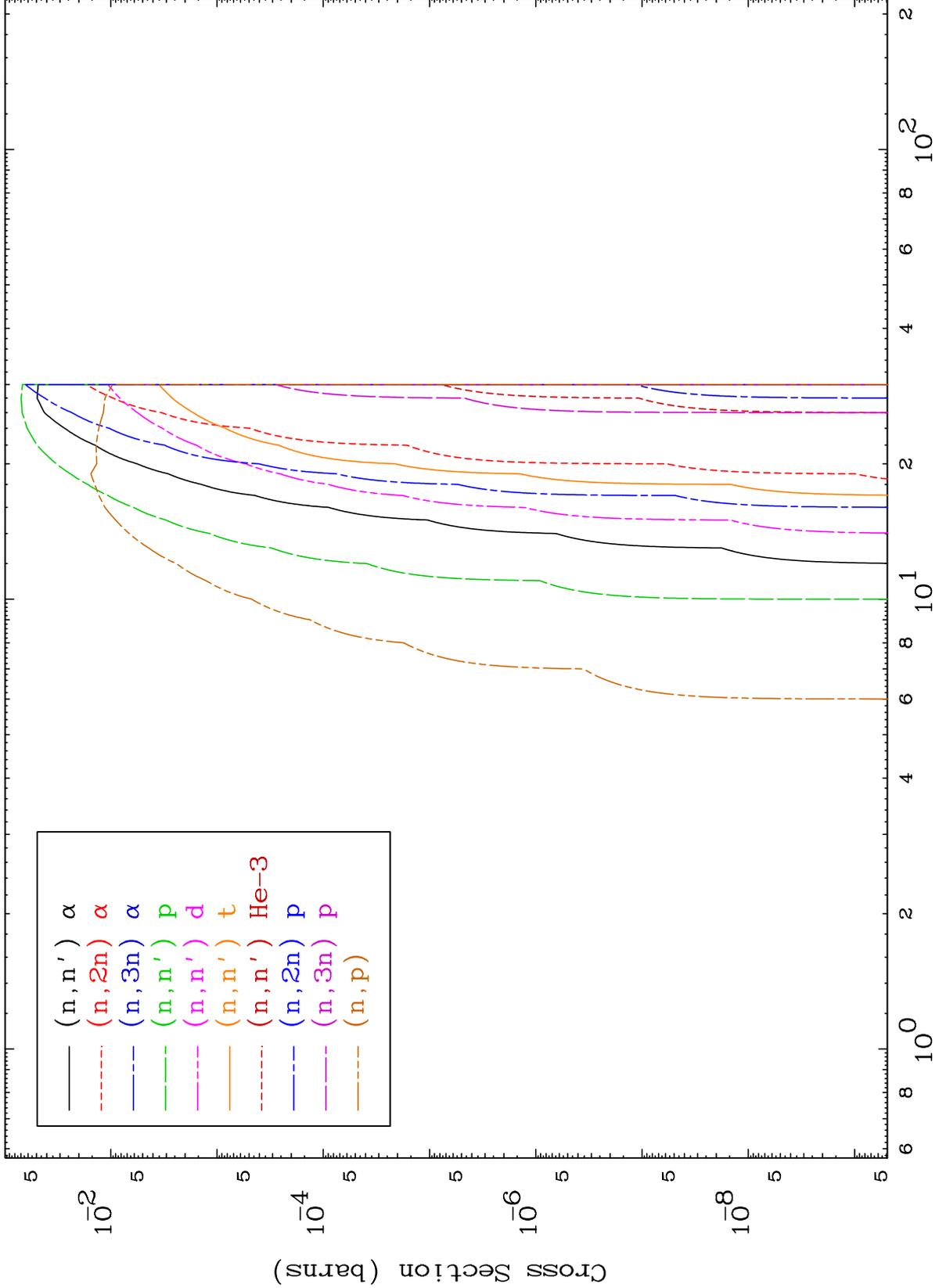
27-Co-65

Incident Energy (MeV)

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α Charged Particle
0 Kelvin Cross Sections

27-Co-65



Incident Energy (MeV)

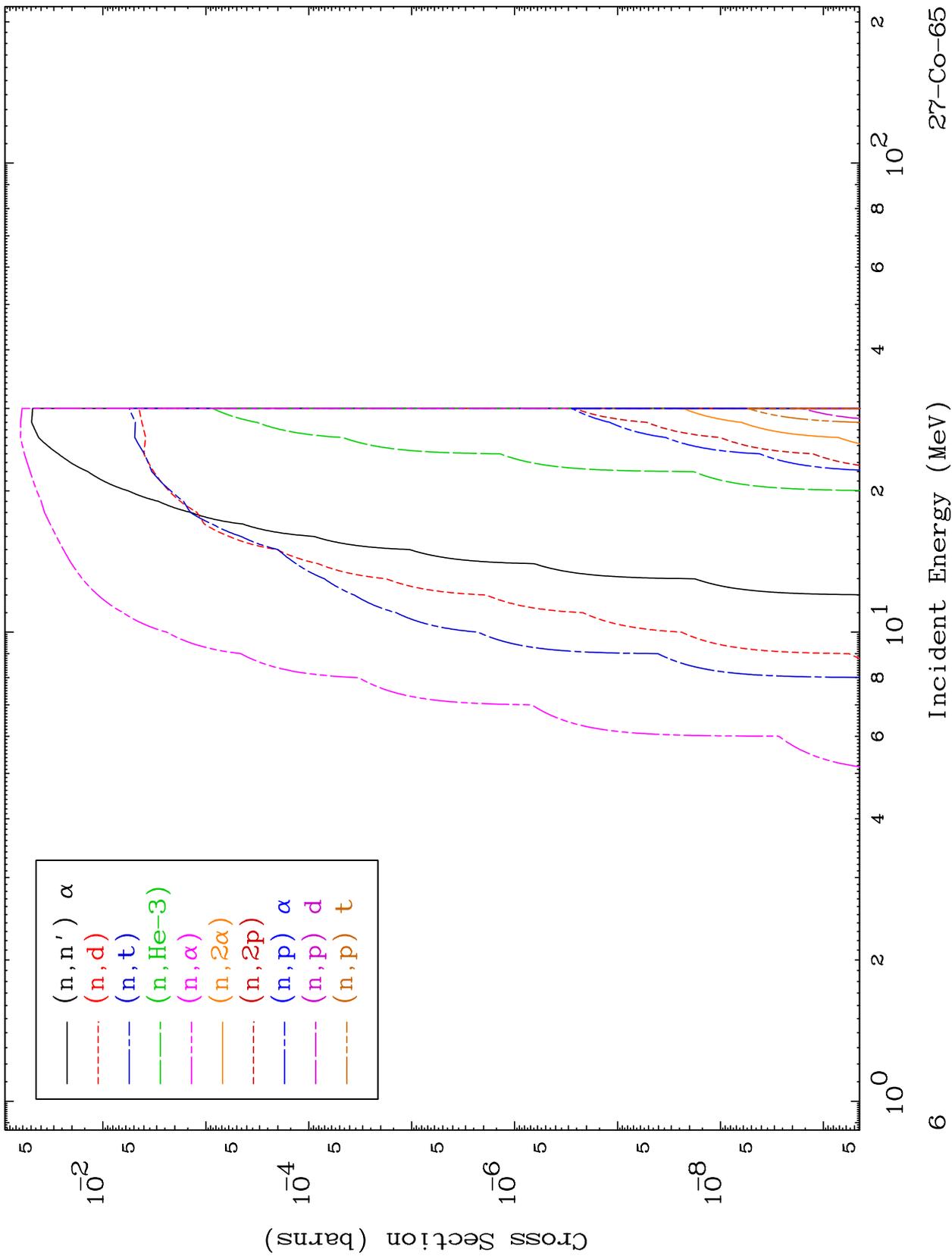
27-Co-65

5

MAT 2743

α Charged Particle
0 Kelvin Cross Sections

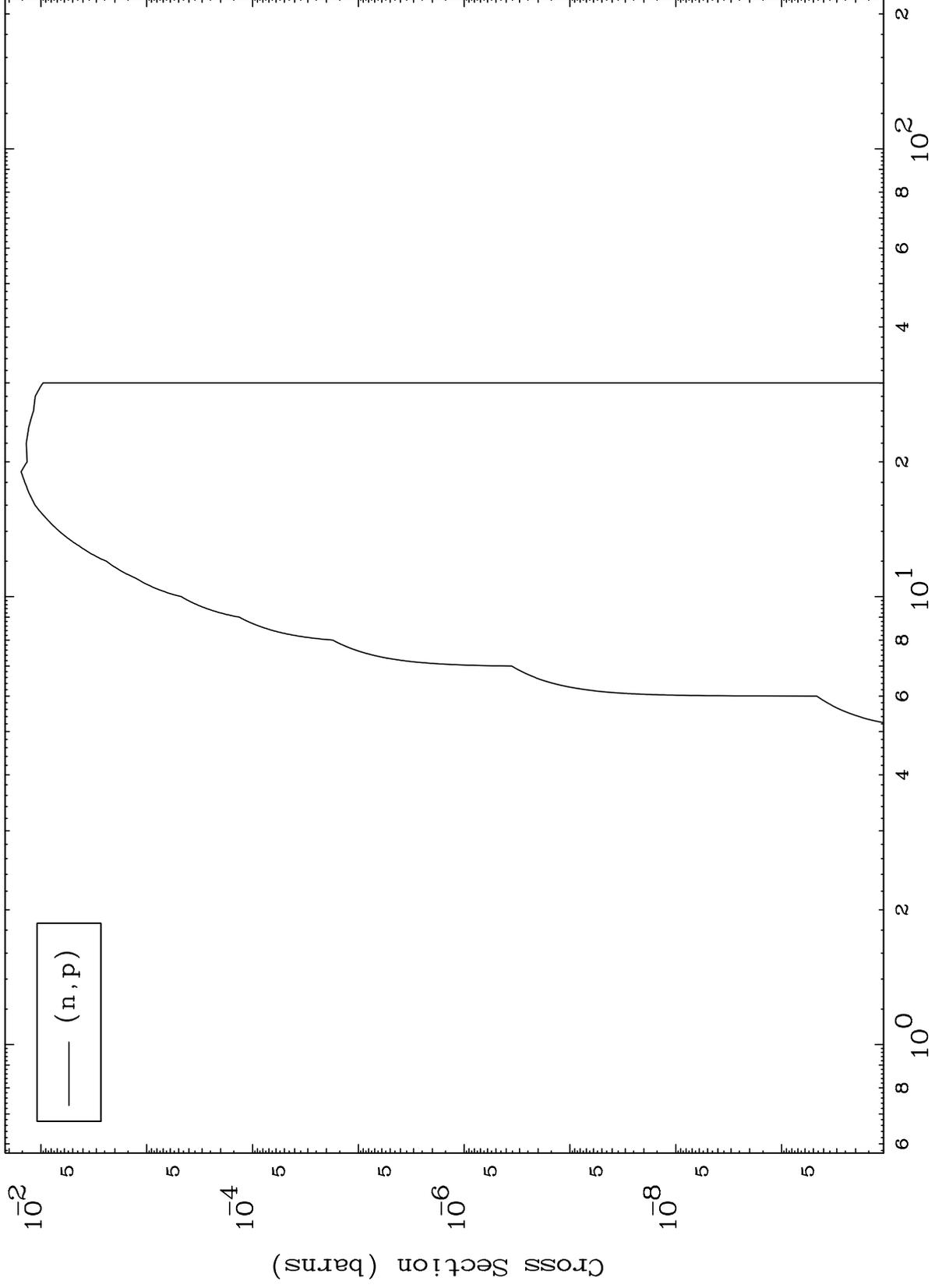
27-Co-65



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(α, p) Levels
0 Kelvin Cross Sections

27-Co-65



7

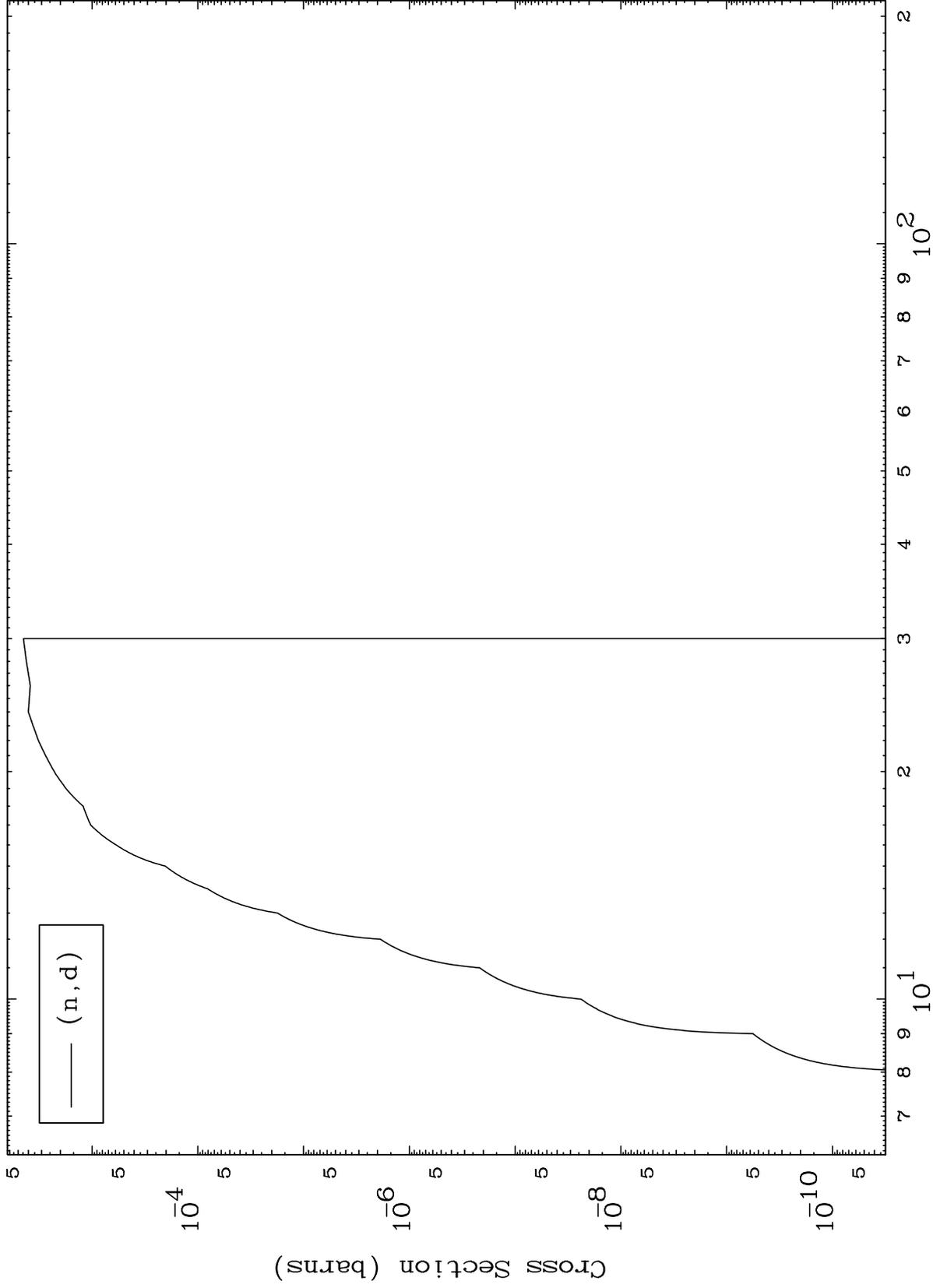
Incident Energy (MeV)

27-Co-65

MAT 2743

(α, d) Levels
0 Kelvin Cross Sections

27-Co-65



8

Incident Energy (MeV)

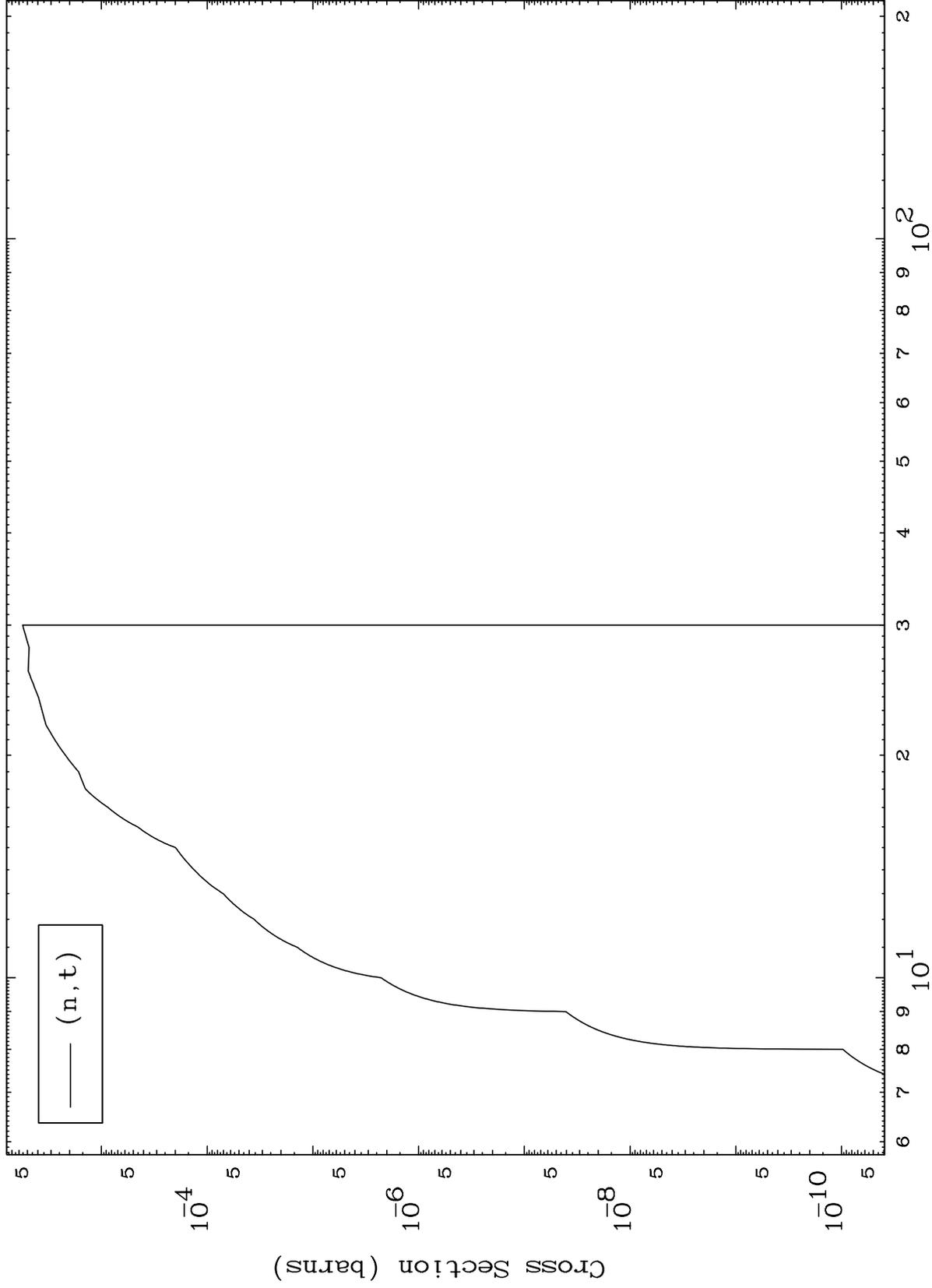
27-Co-65

MAT 2743

(α, t) Levels

27-Co-65

0 Kelvin Cross Sections



9

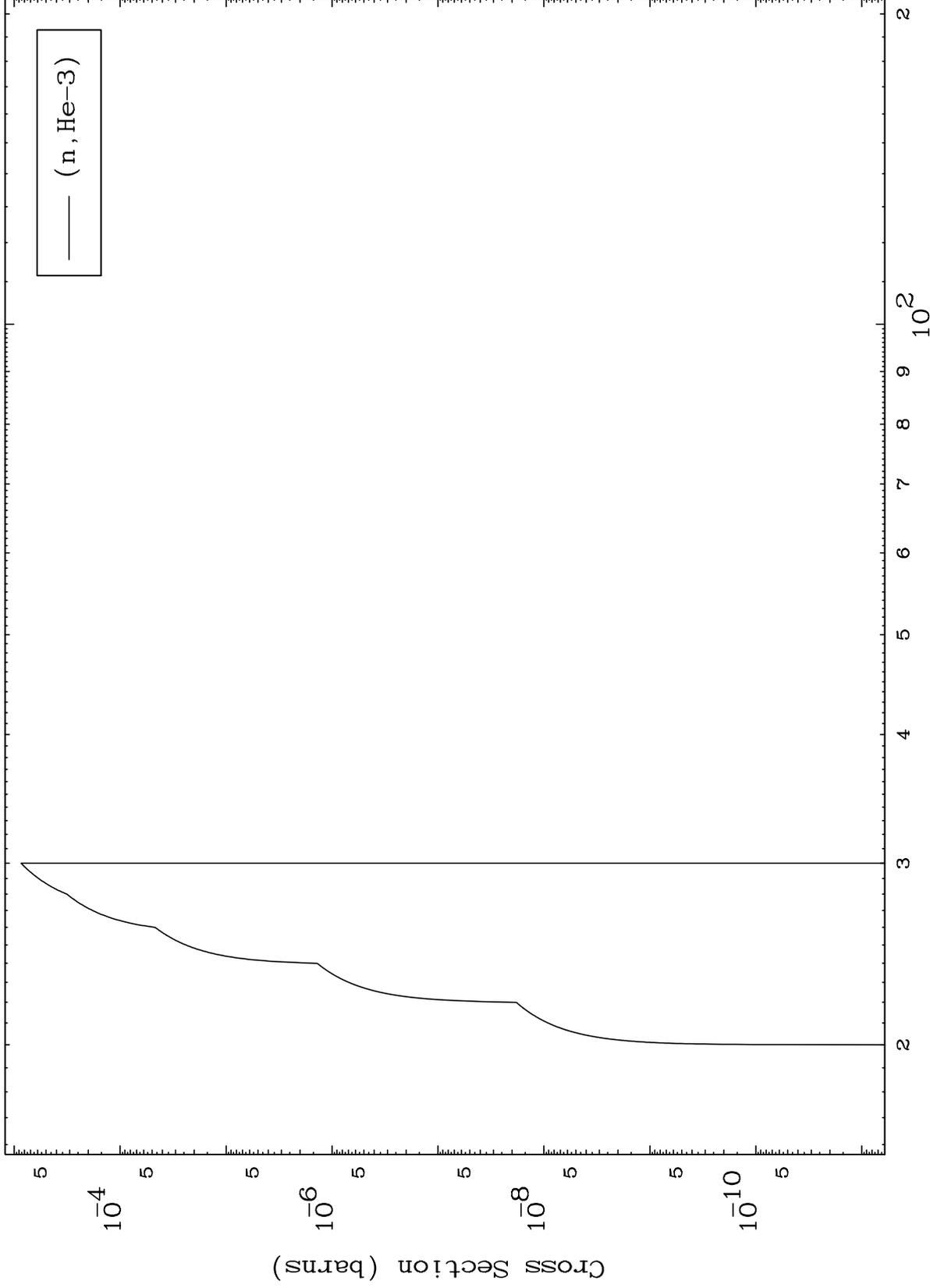
Incident Energy (MeV)

27-Co-65

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27-Co-65

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



27-Co-65

Incident Energy (MeV)

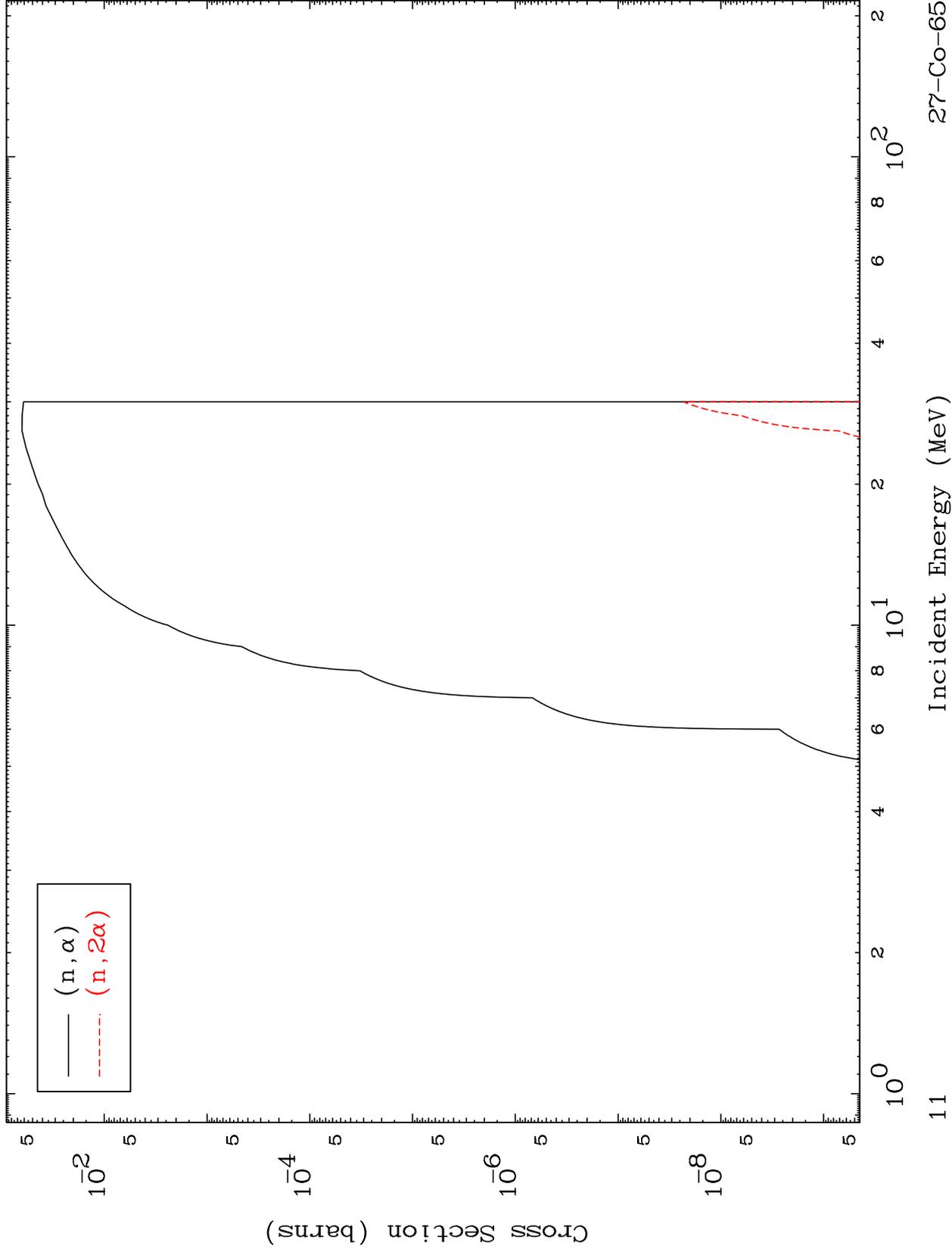
10

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(α, α) Levels

27-Co-65

0 Kelvin Cross Sections



11

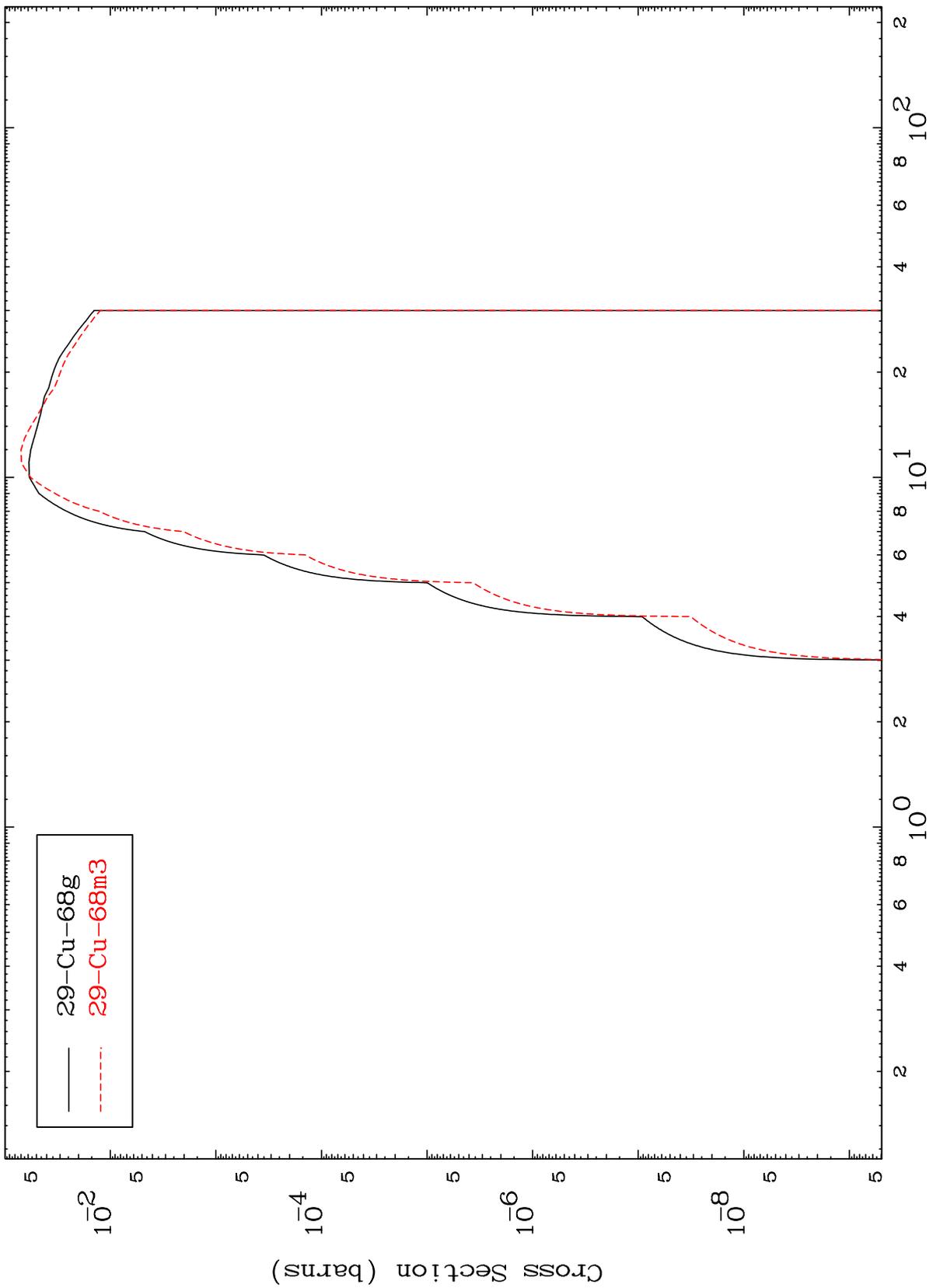
Incident Energy (MeV)

27-Co-65

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27-Co-65

Inelastic
Radionuclide Production Cross Section



27-Co-65

Incident Energy (MeV)

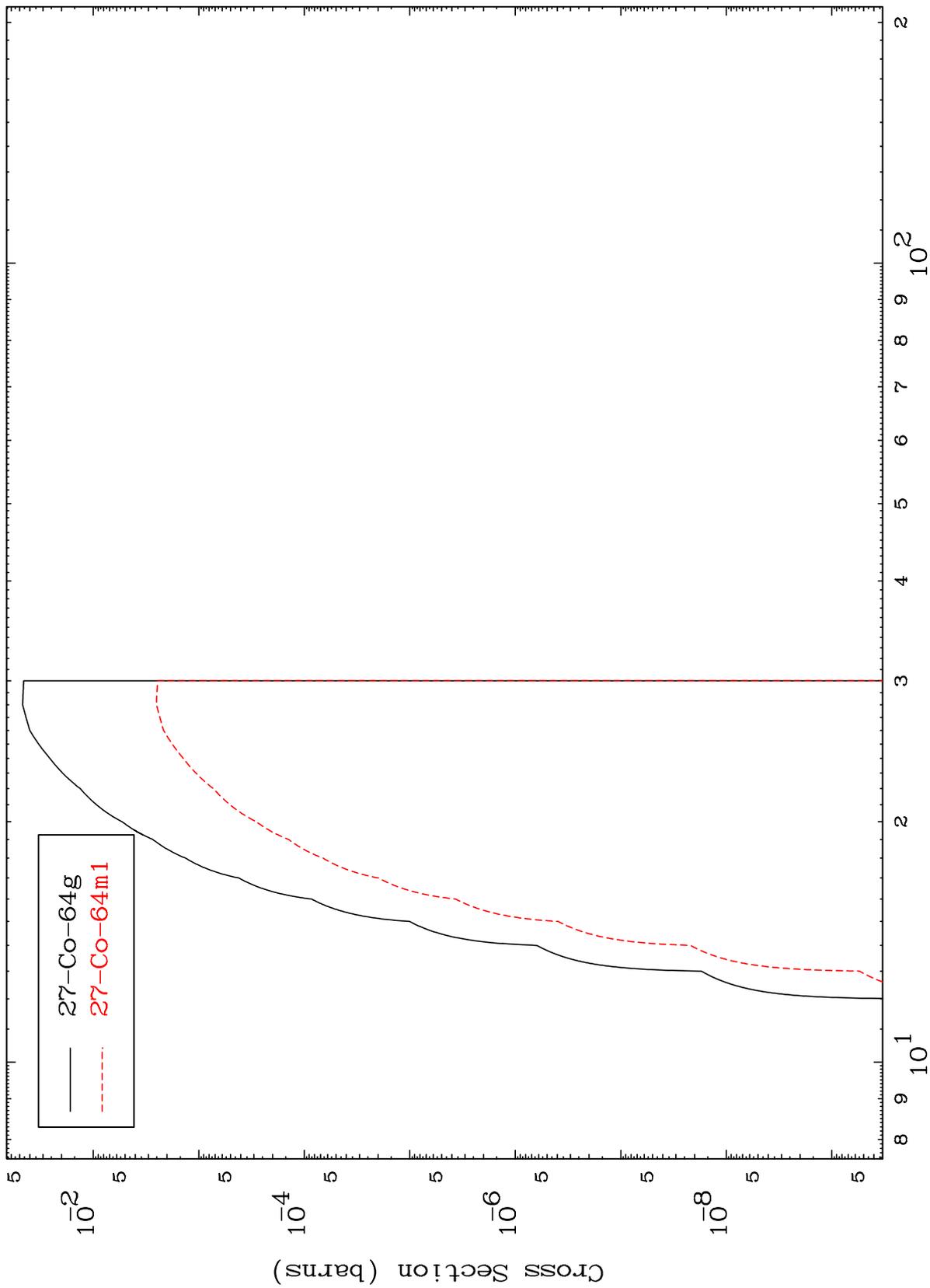
12

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$(n, n') \alpha$

$^{27}\text{Co-65}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

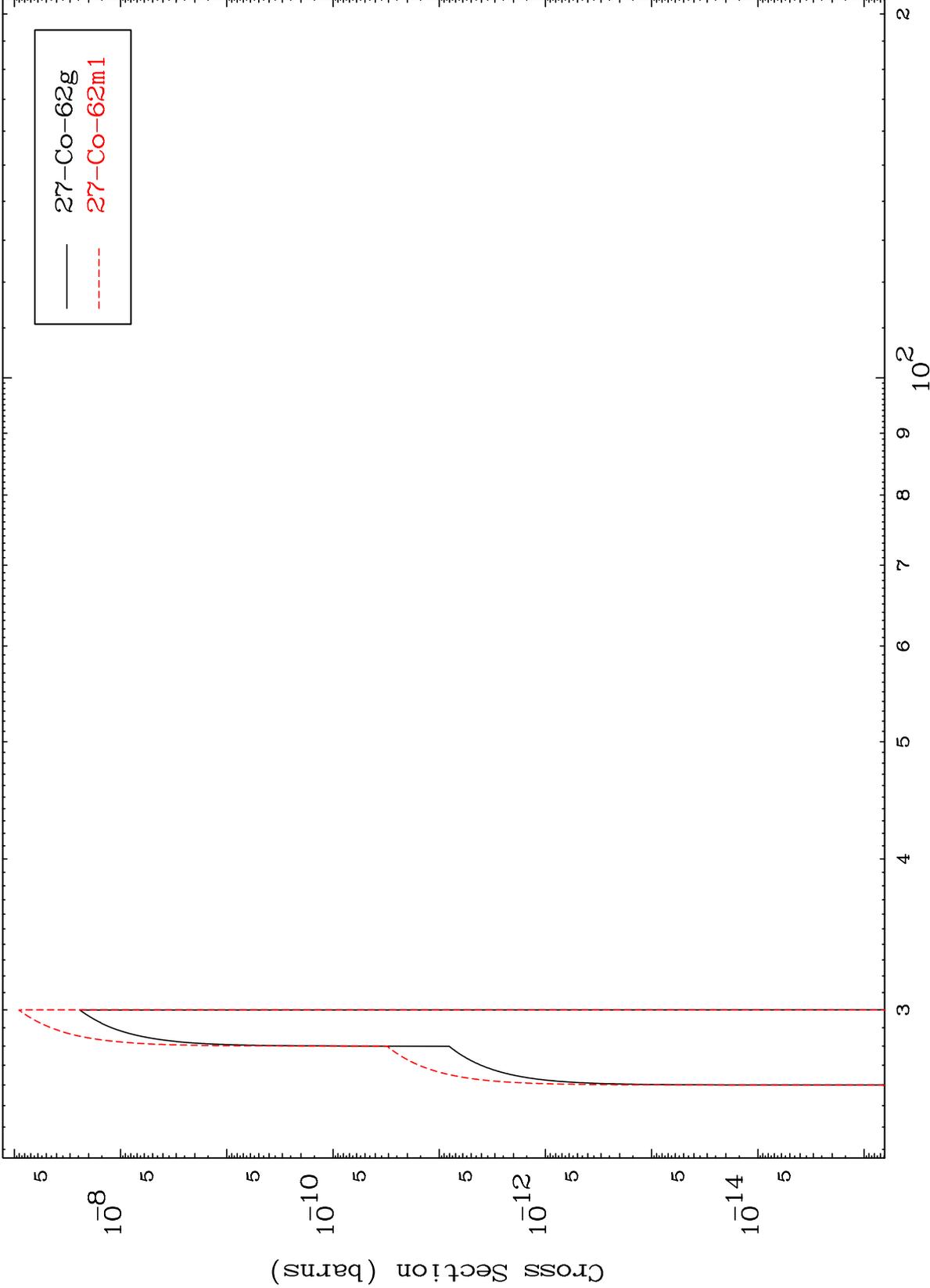
$^{27}\text{Co-65}$

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(n,3n) α

²⁷Co-65

Radionuclide Production Cross Section



14

Incident Energy (MeV)

²⁷Co-65