

Program EVALPLOT
(Version 2021-1)

by

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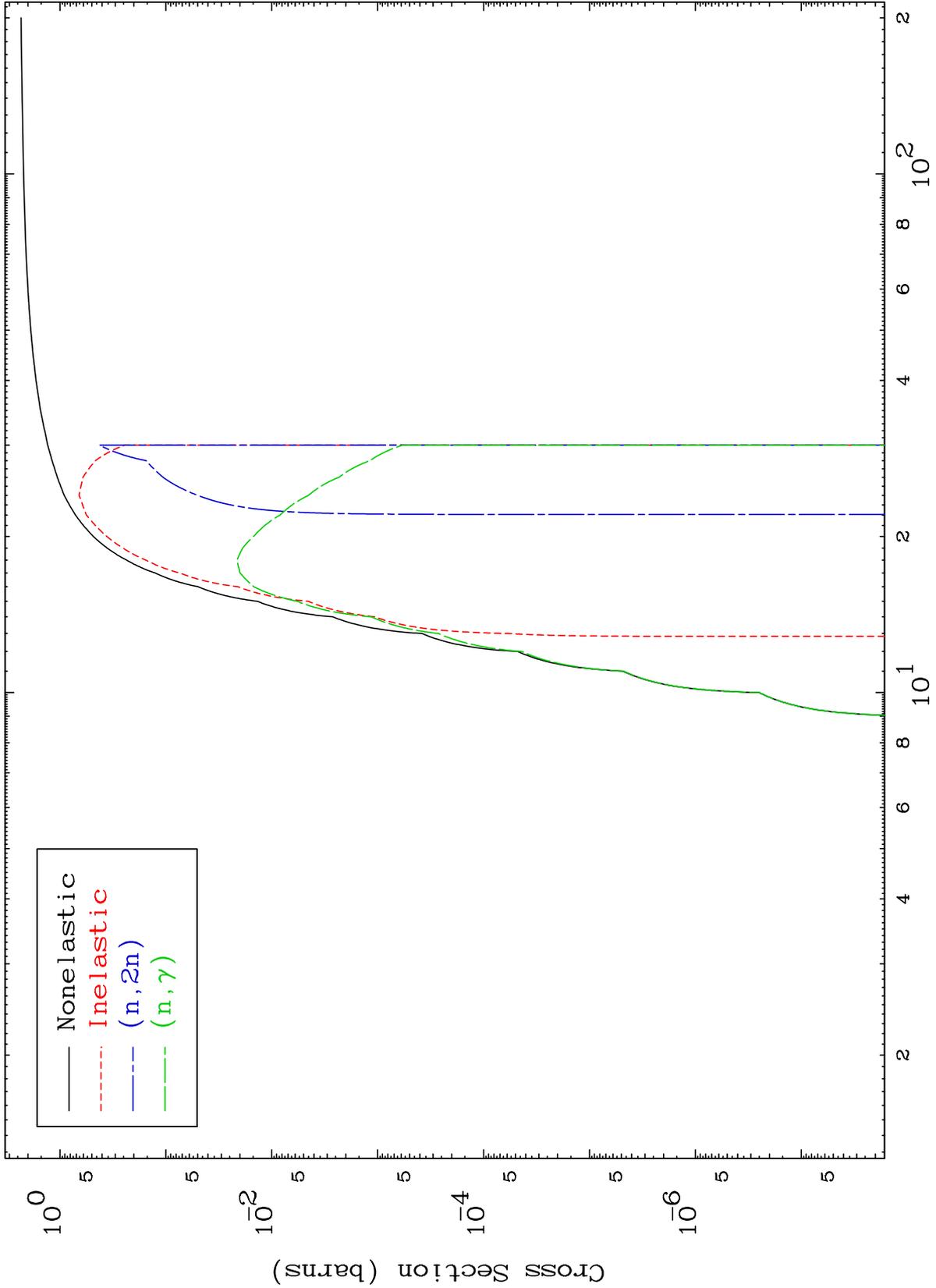
Press Mouse Button to Start

MAT 6007

α Major

60-Nd-136

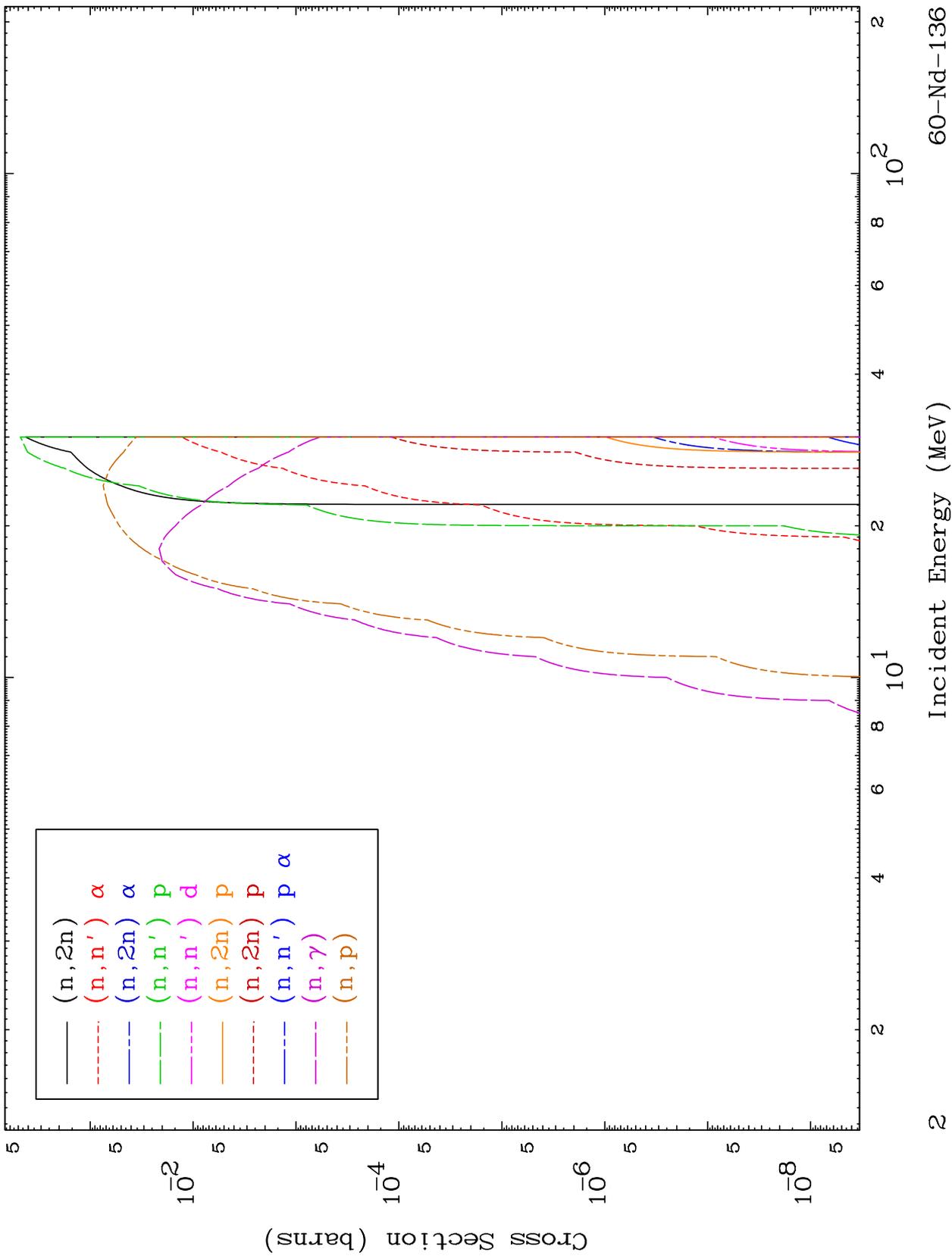
0 Kelvin Cross Sections



MAT 6007

α Neutron Absorption
0 Kelvin Cross Sections

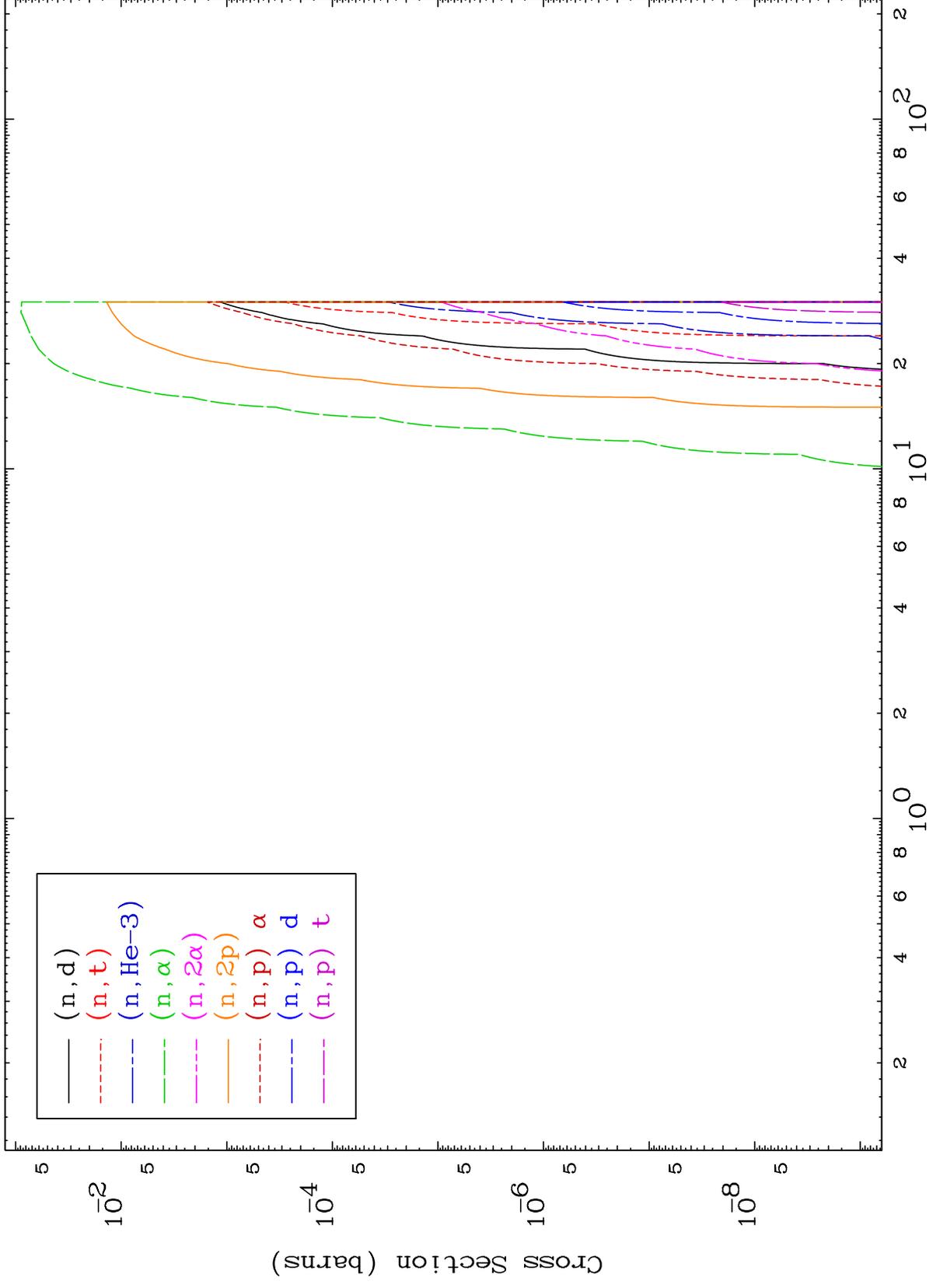
60-Nd-136



MAT 6007

α Neutron Absorption
0 Kelvin Cross Sections

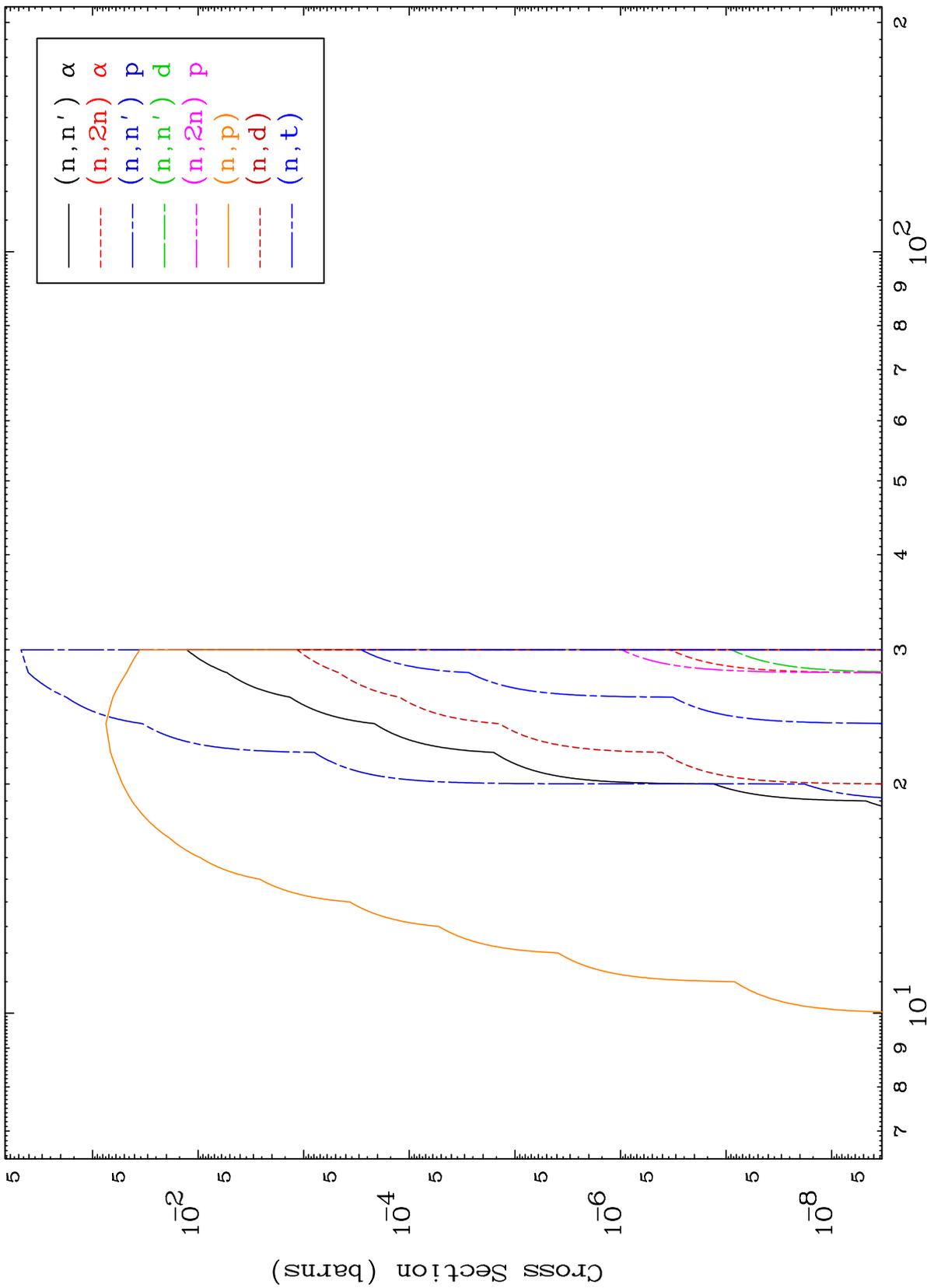
60-Nd-136



MAT 6007

α Charged Particle
0 Kelvin Cross Sections

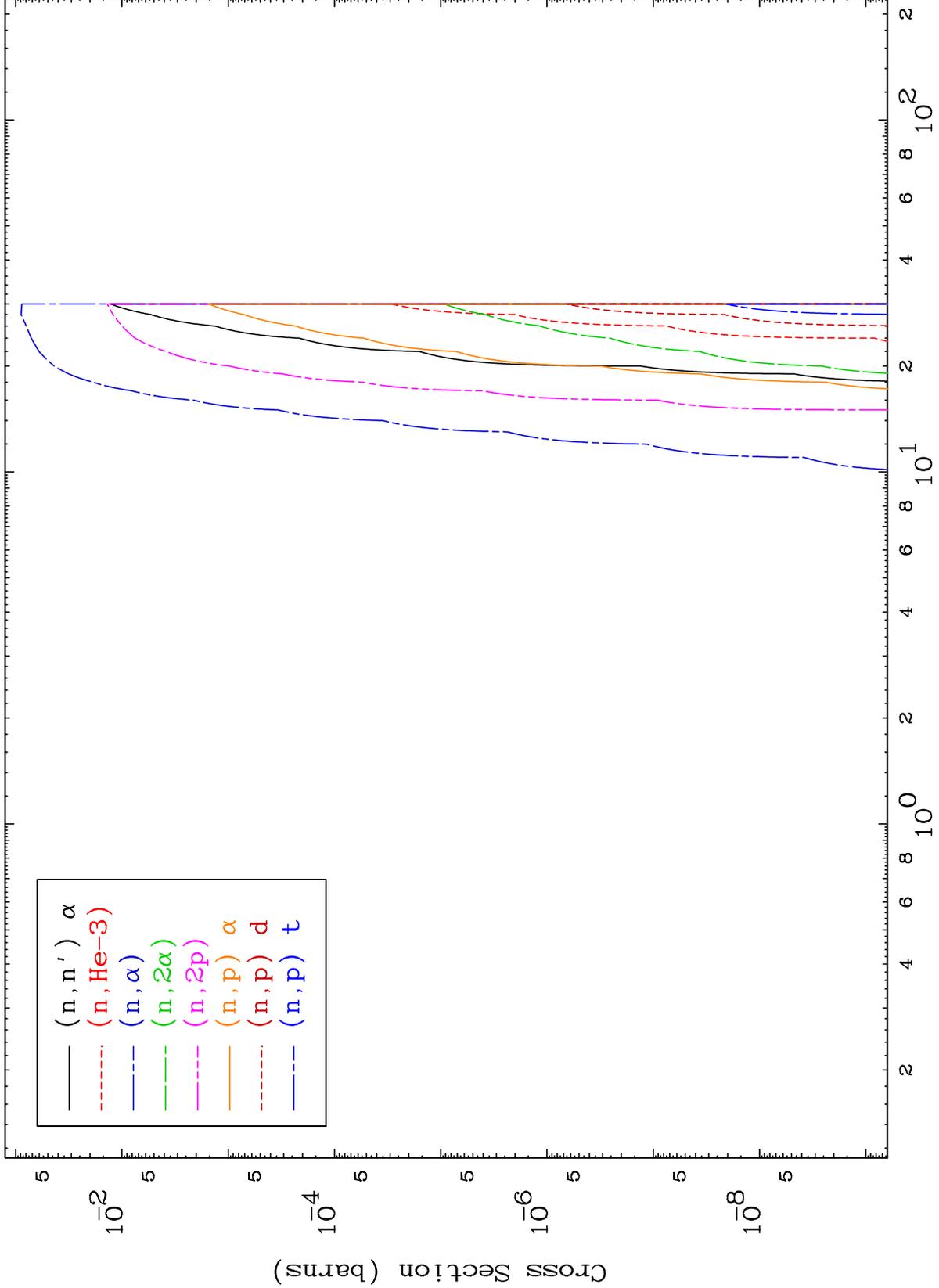
60-Nd-136



4

Incident Energy (MeV)

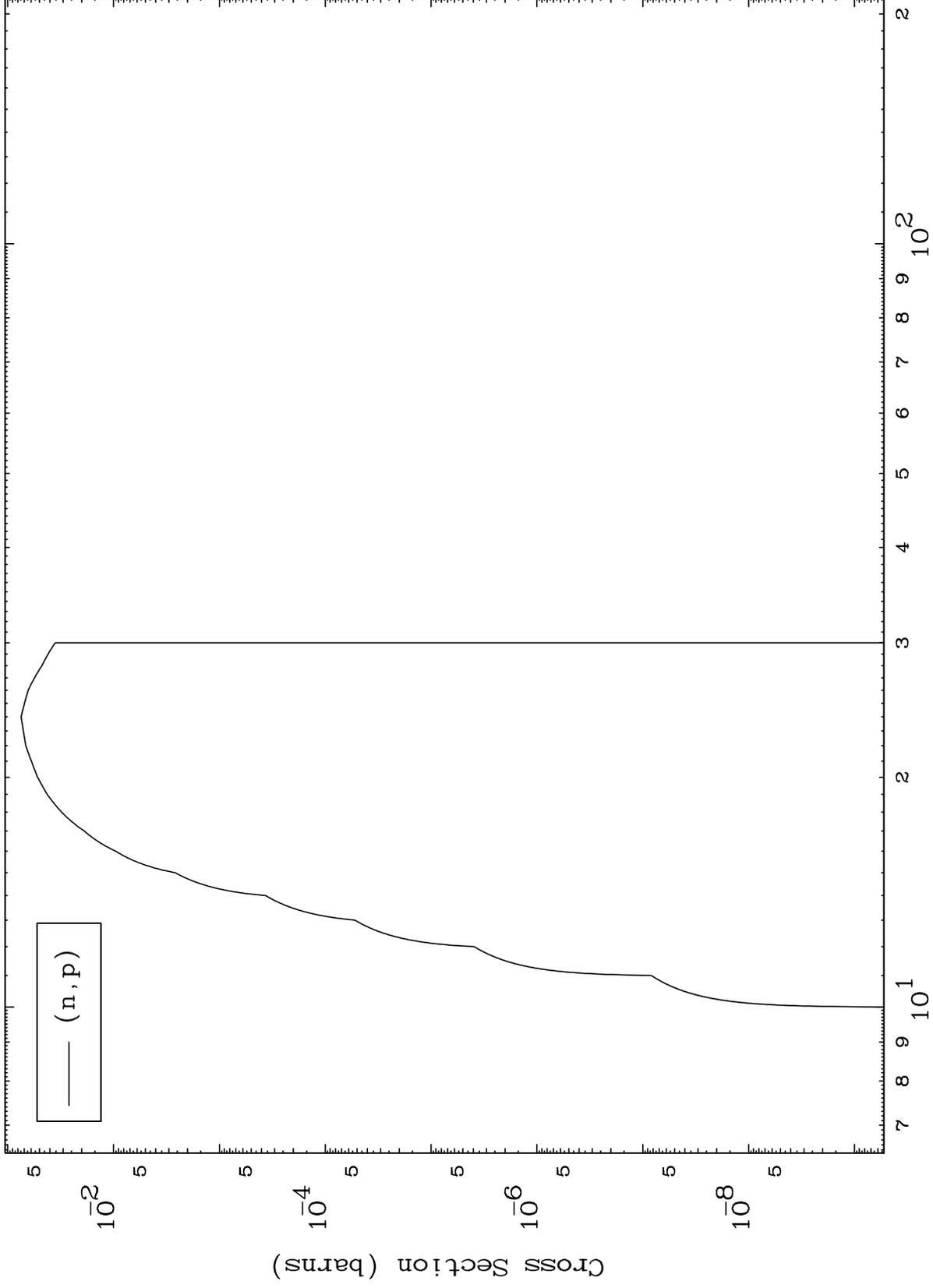
60-Nd-136



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(α, p) Levels
0 Kelvin Cross Sections

60-Nd-136



6

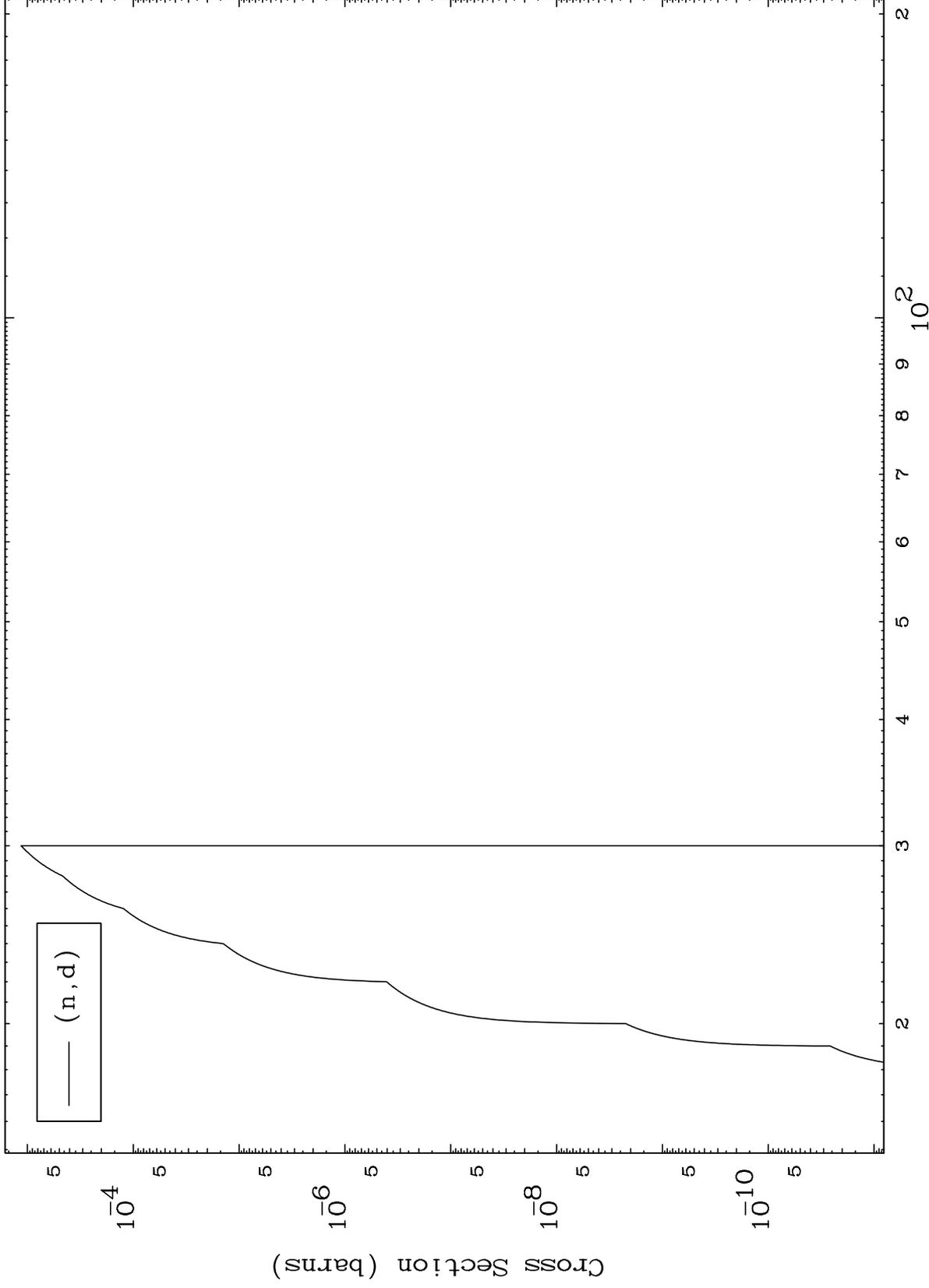
Incident Energy (MeV)

60-Nd-136

MAT 6007

(α, d) Levels
0 Kelvin Cross Sections

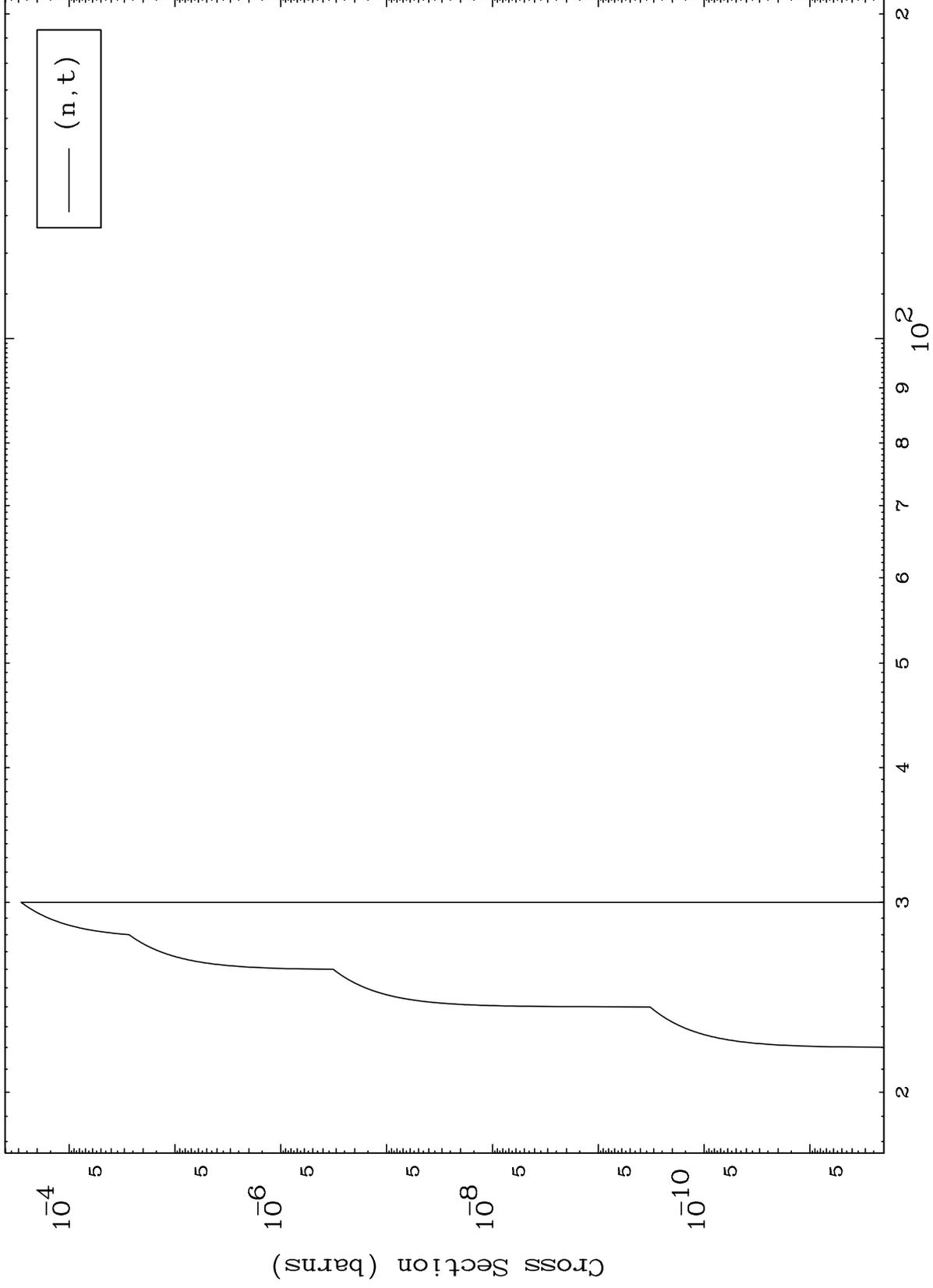
60-Nd-136



MAT 6007

(α, t) Levels
0 Kelvin Cross Sections

60-Nd-136



8

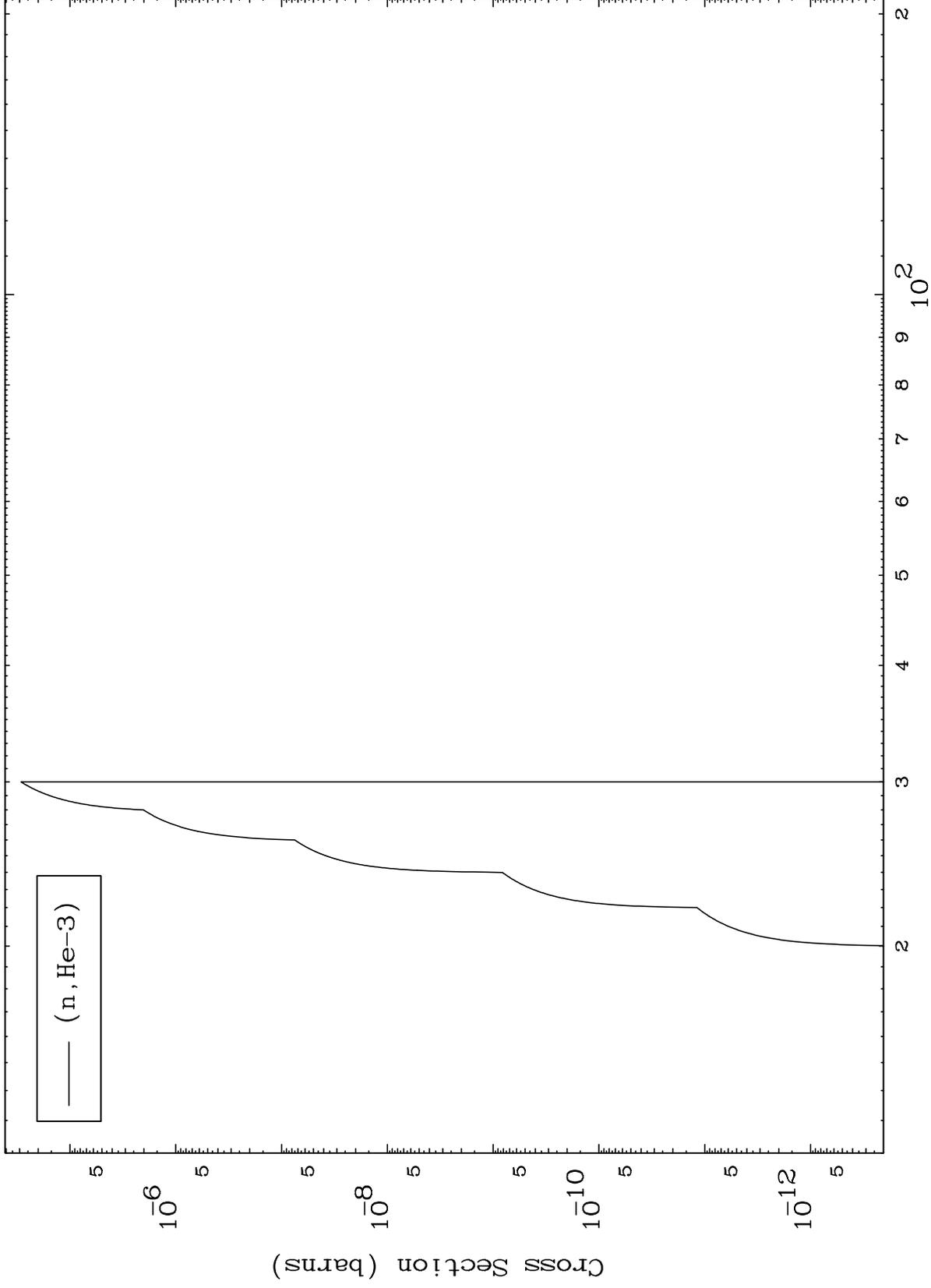
Incident Energy (MeV)

60-Nd-136

MAT 6007

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

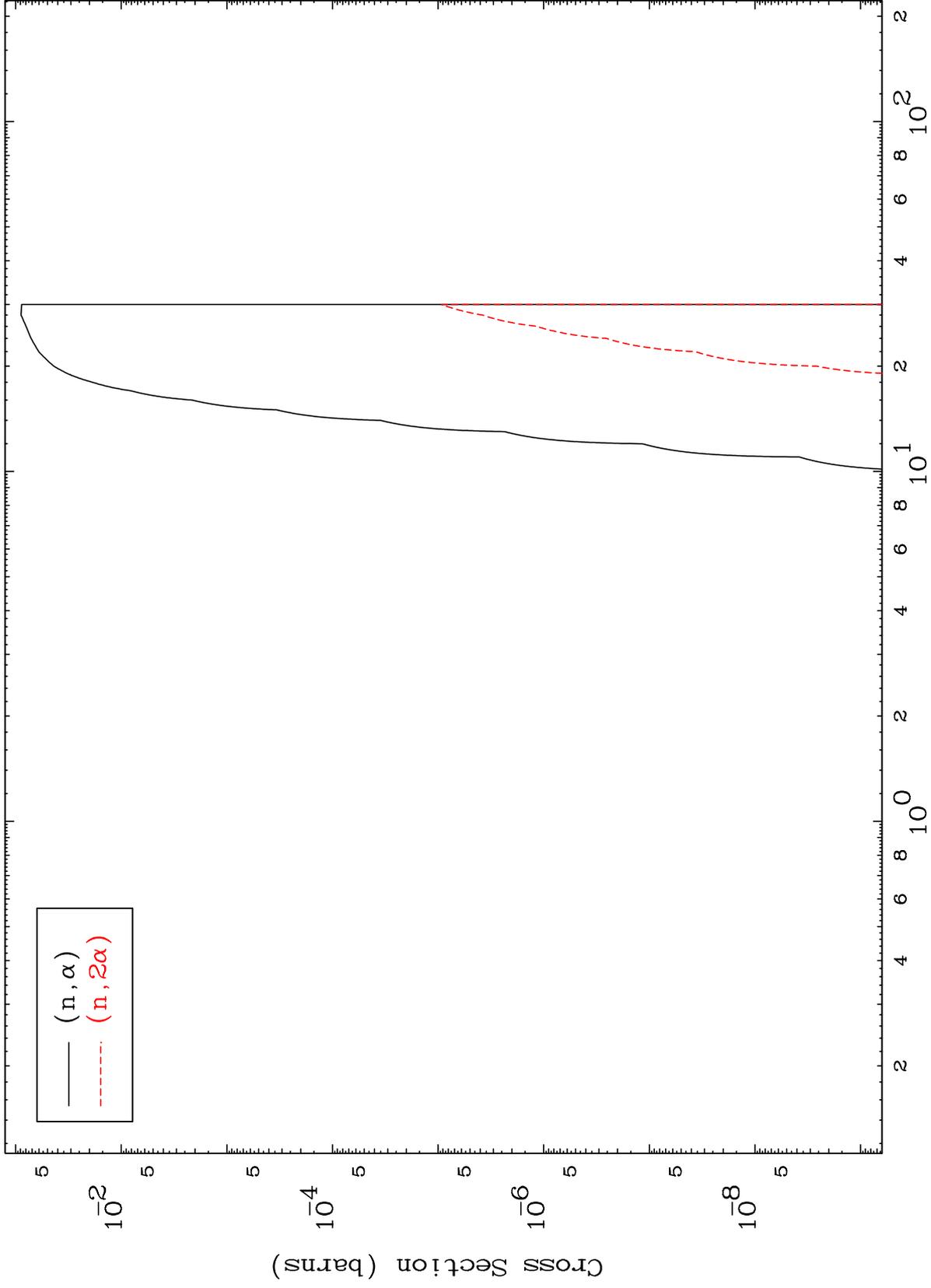
60-Nd-136



MAT 6007

(α, α) Levels
0 Kelvin Cross Sections

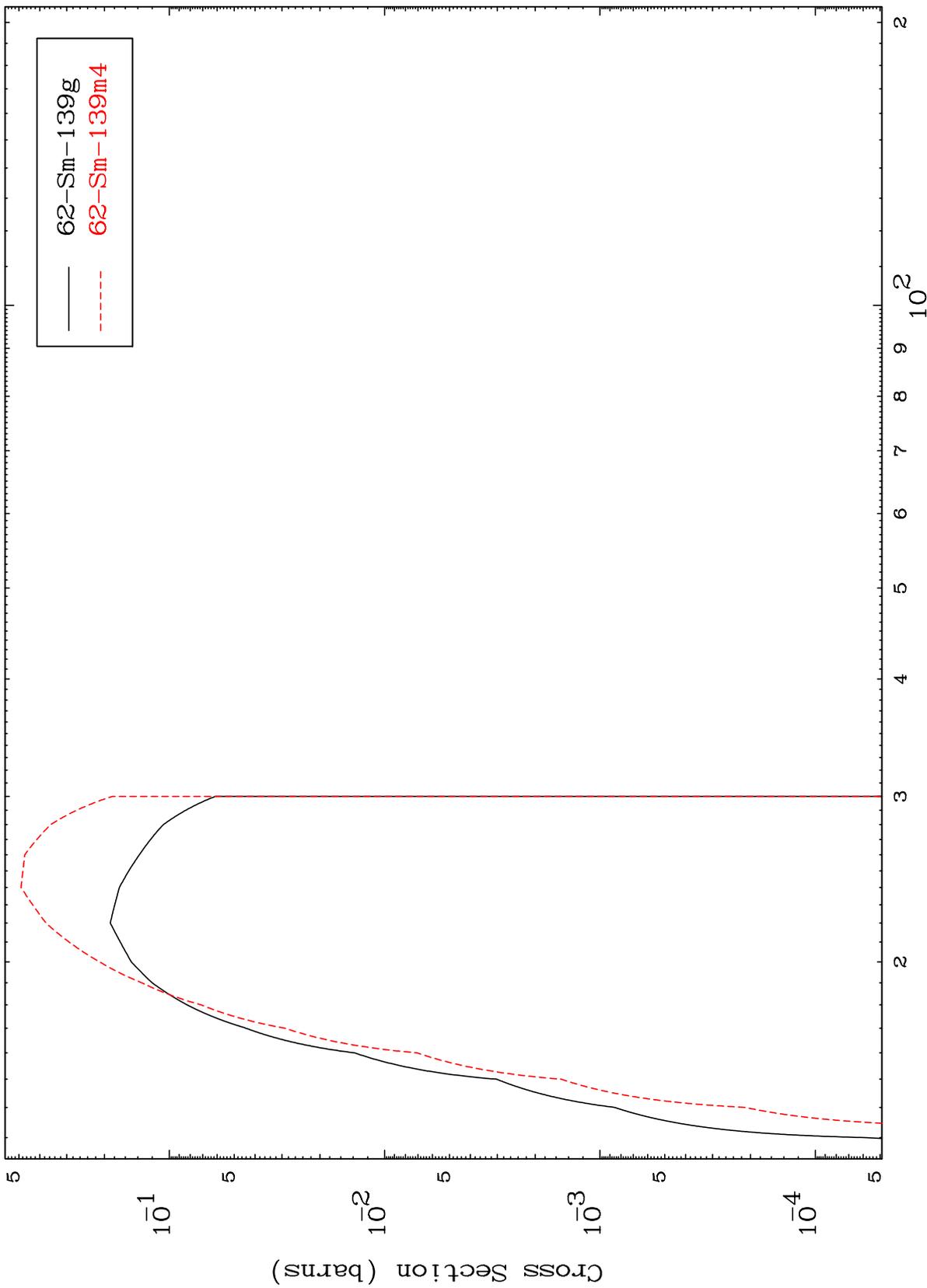
60-Nd-136

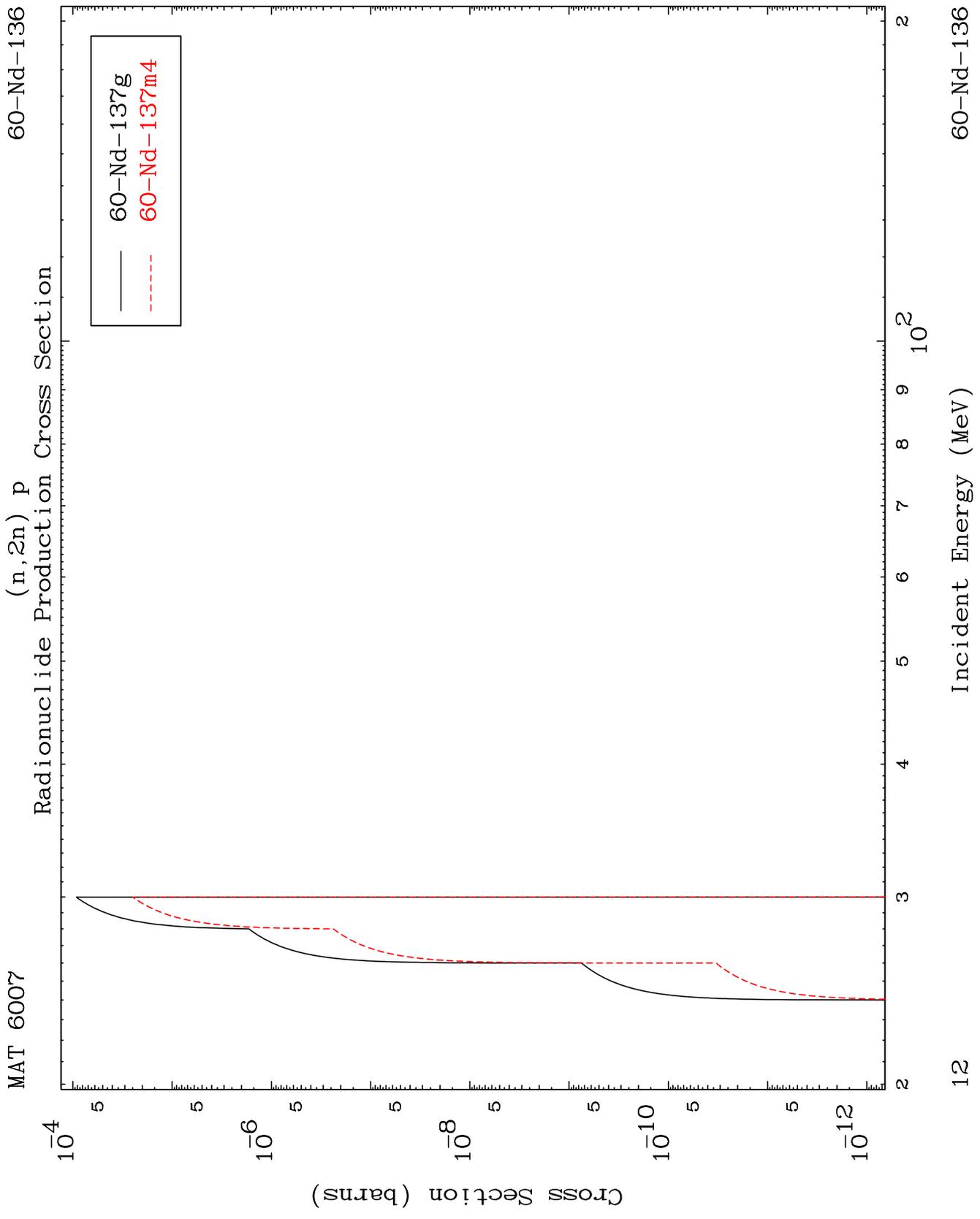


10

Incident Energy (MeV)

60-Nd-136



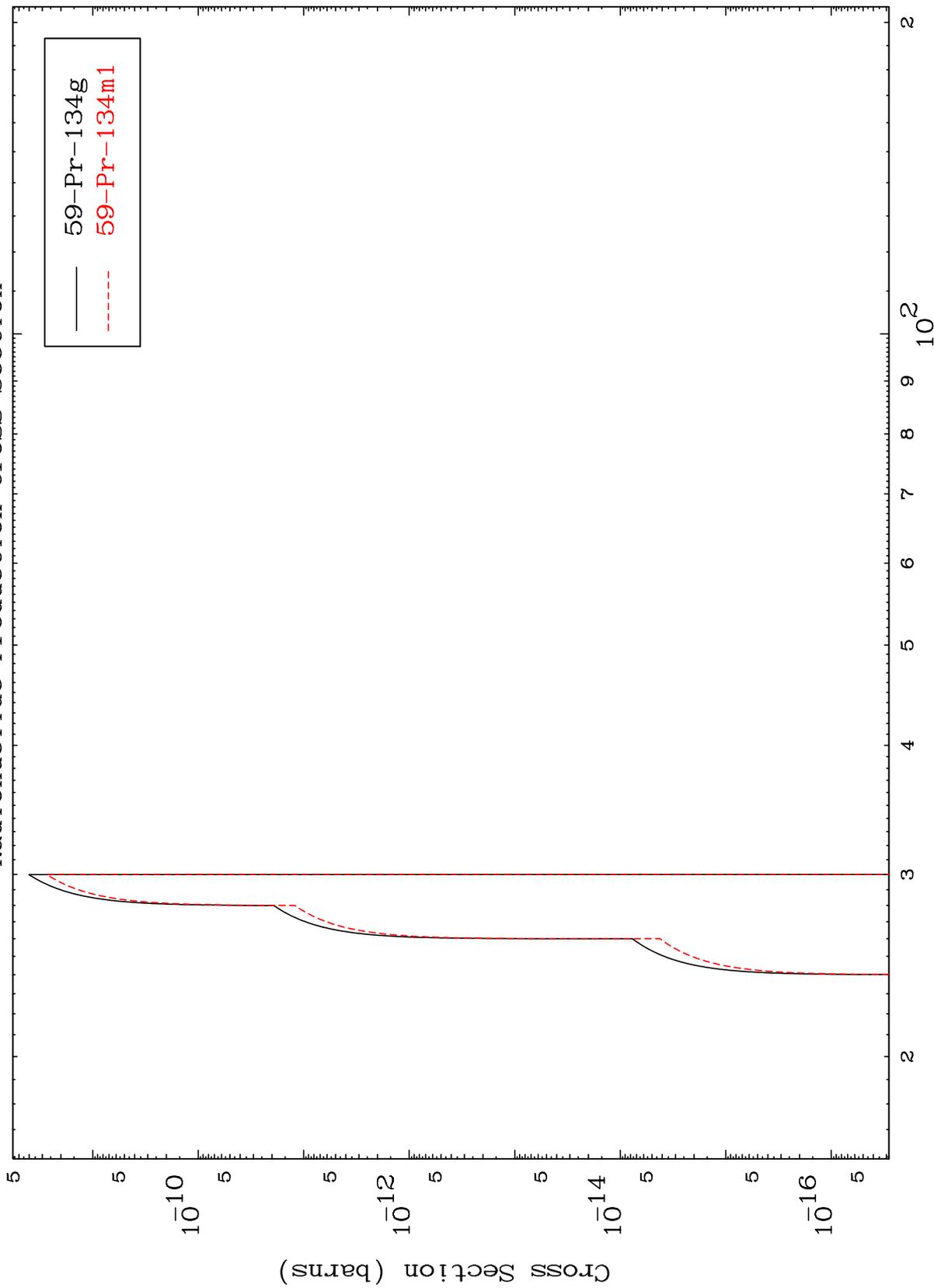


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(n,n') p α

60-Nd-136

Radionuclide Production Cross Section



13

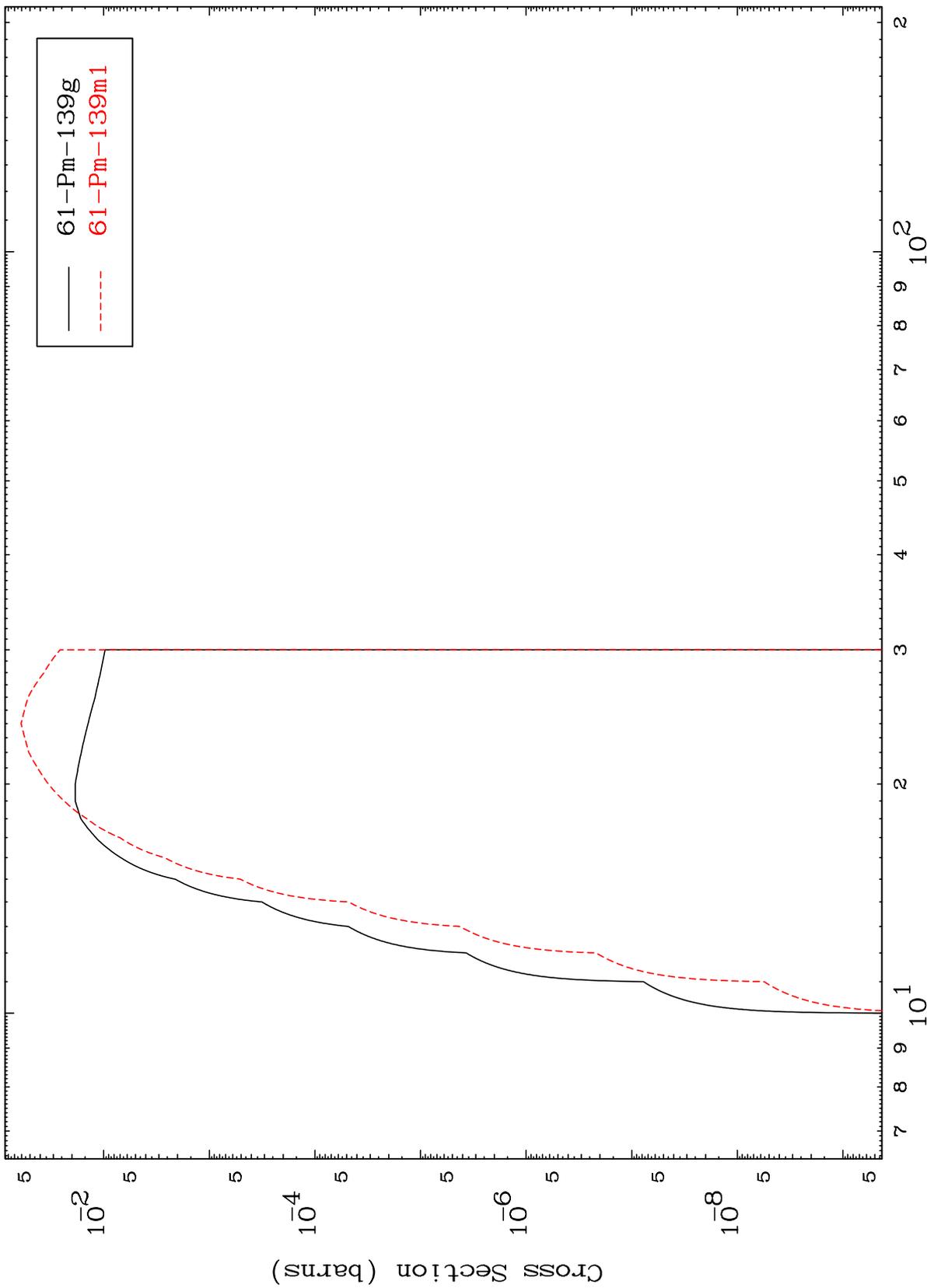
Incident Energy (MeV)

60-Nd-136

MAT 6007

60-Nd-136

(n,p)
Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

14

Incident Energy (MeV)

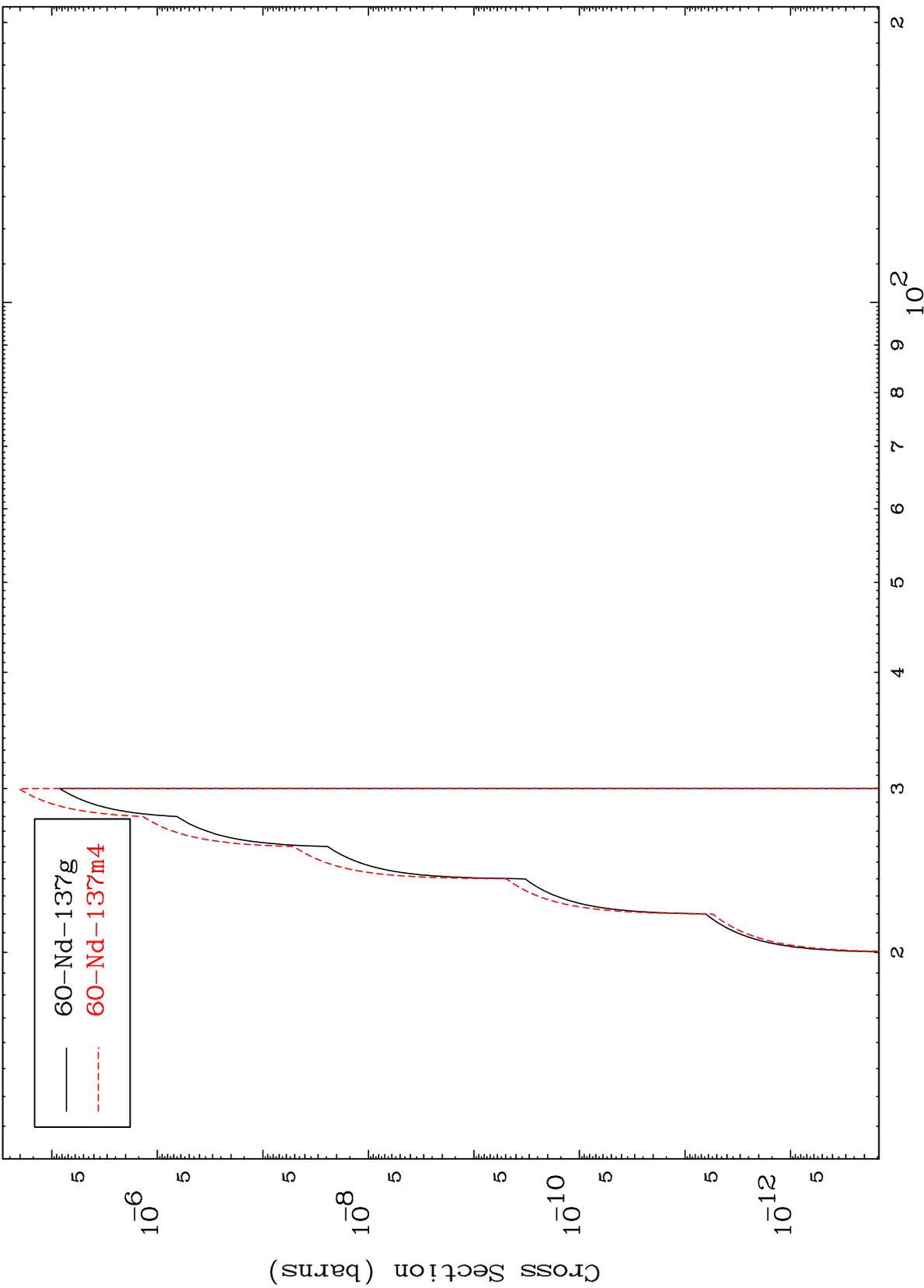
60-Nd-136

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(n,He-3)

60-Nd-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

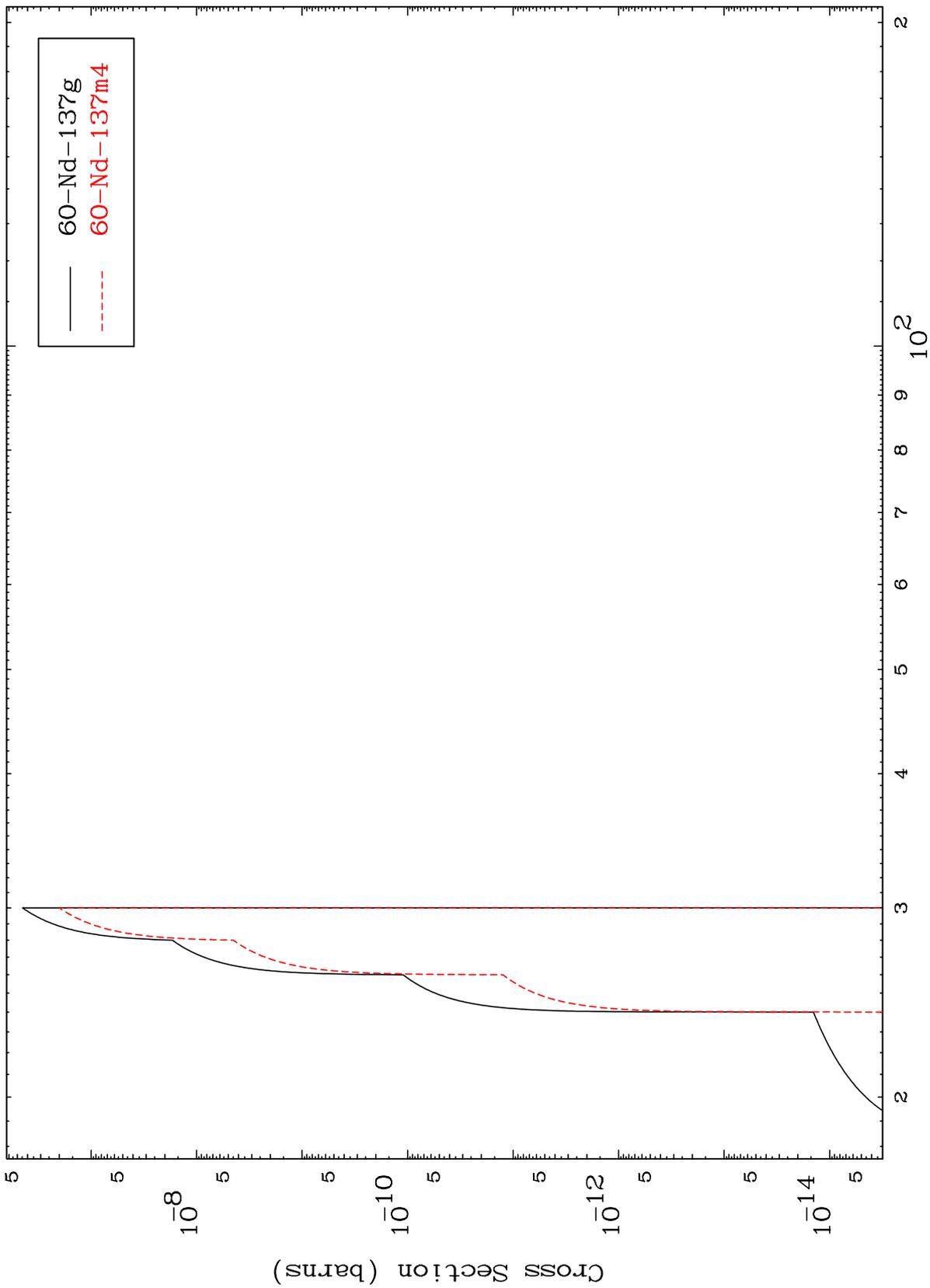
60-Nd-136

MAT 6007

(n,p) d

⁶⁰Nd-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁶⁰Nd-136