

Program EVALPLOT
(Version 2021-1)

by

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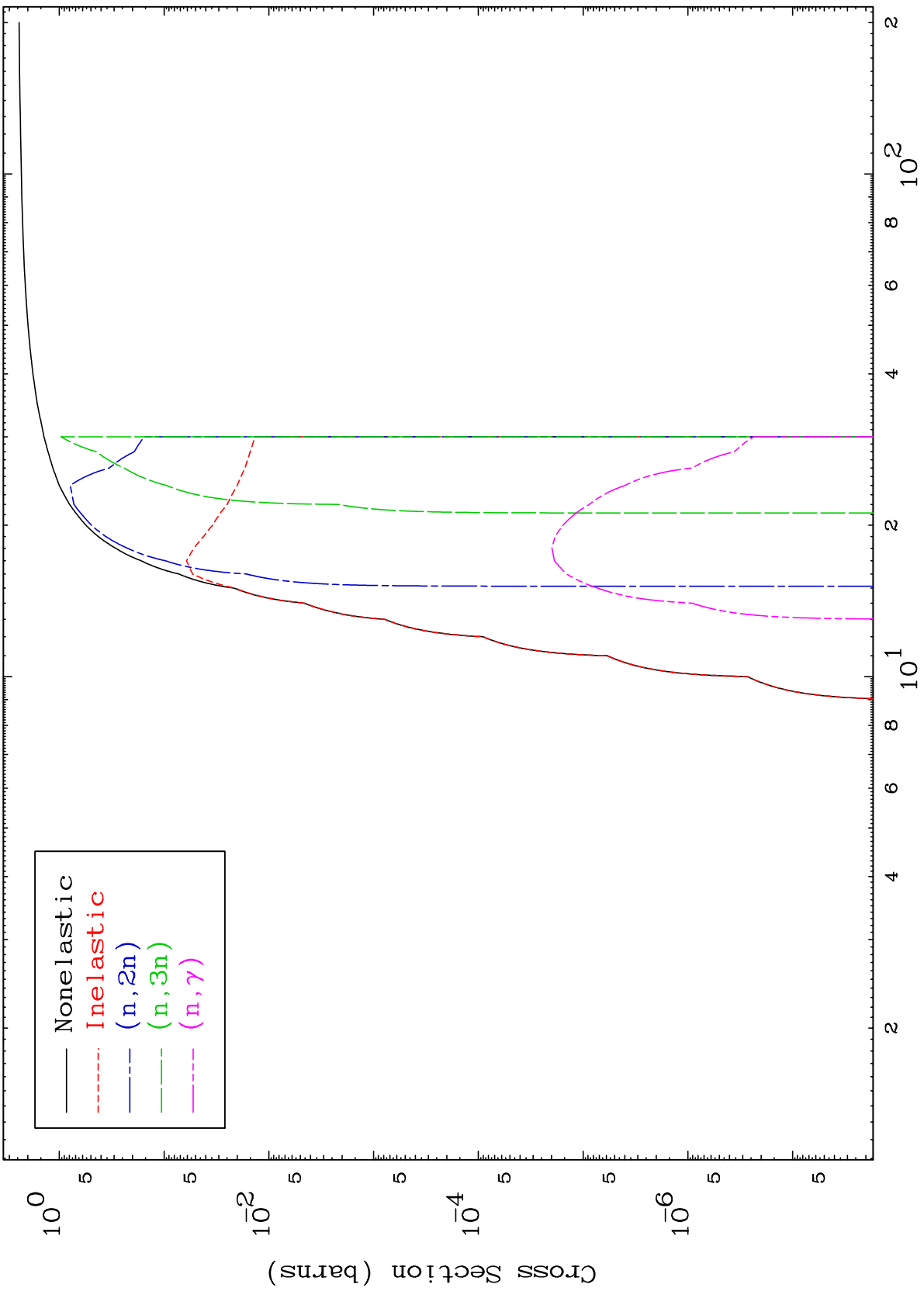
Press Mouse Button to Start

MAT 6040

α Major

60-Nd-147

0 Kelvin Cross Sections

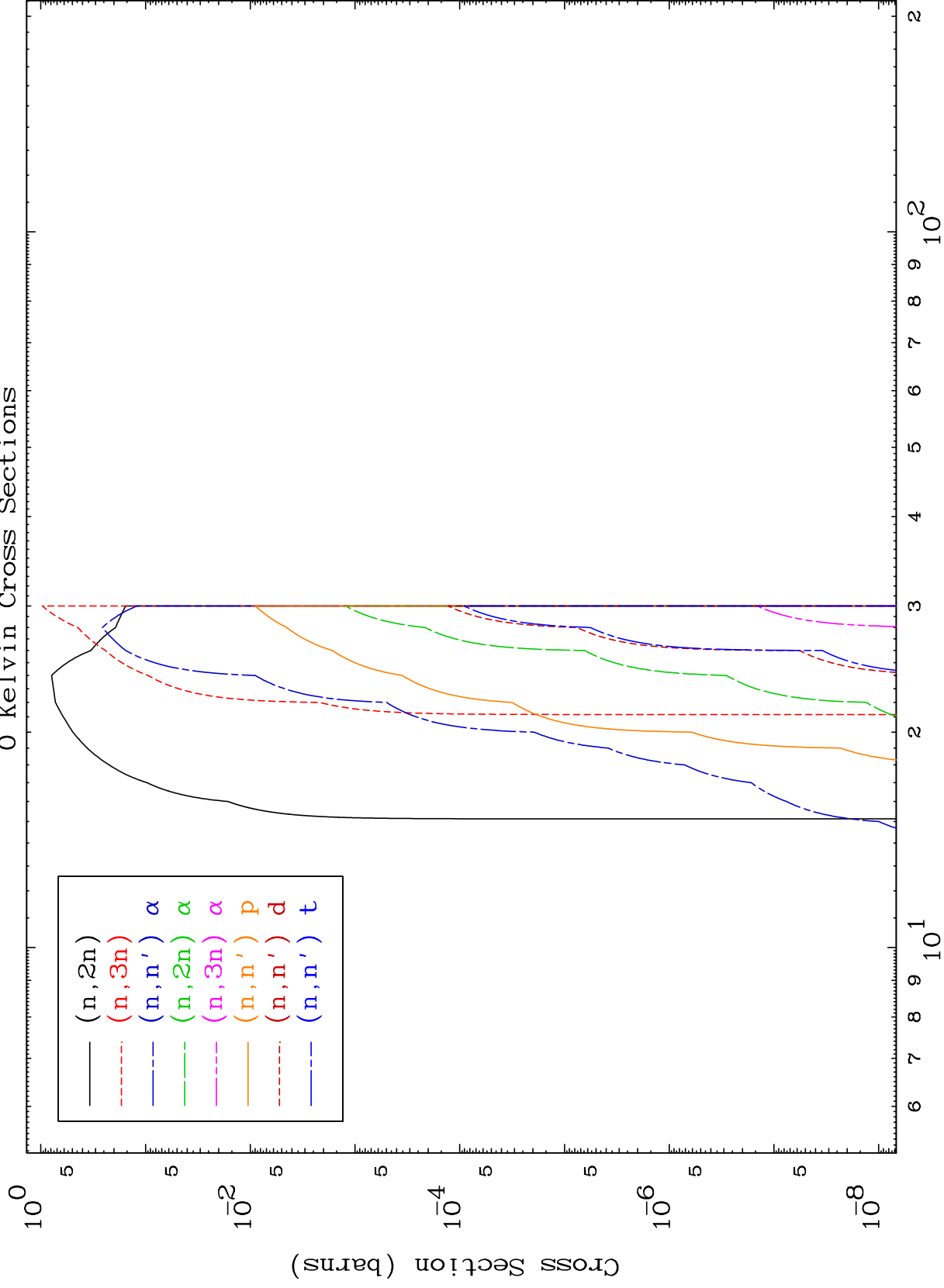


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, 3n)
- - - (n, γ)

MAT 6040

α Neutron Absorption
0 Kelvin Cross Sections

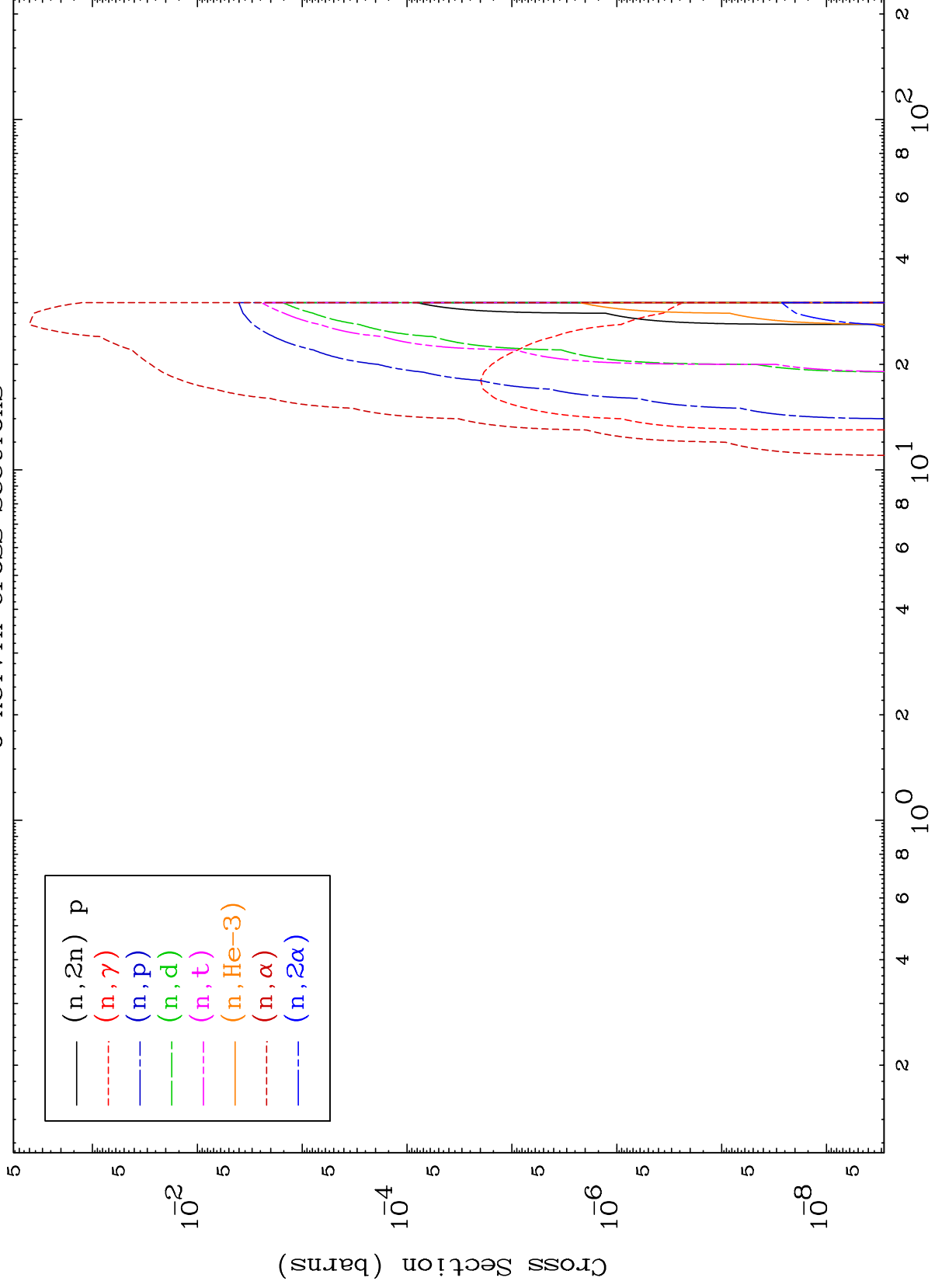
60-Nd-147



MAT 6040

α Neutron Absorption
0 Kelvin Cross Sections

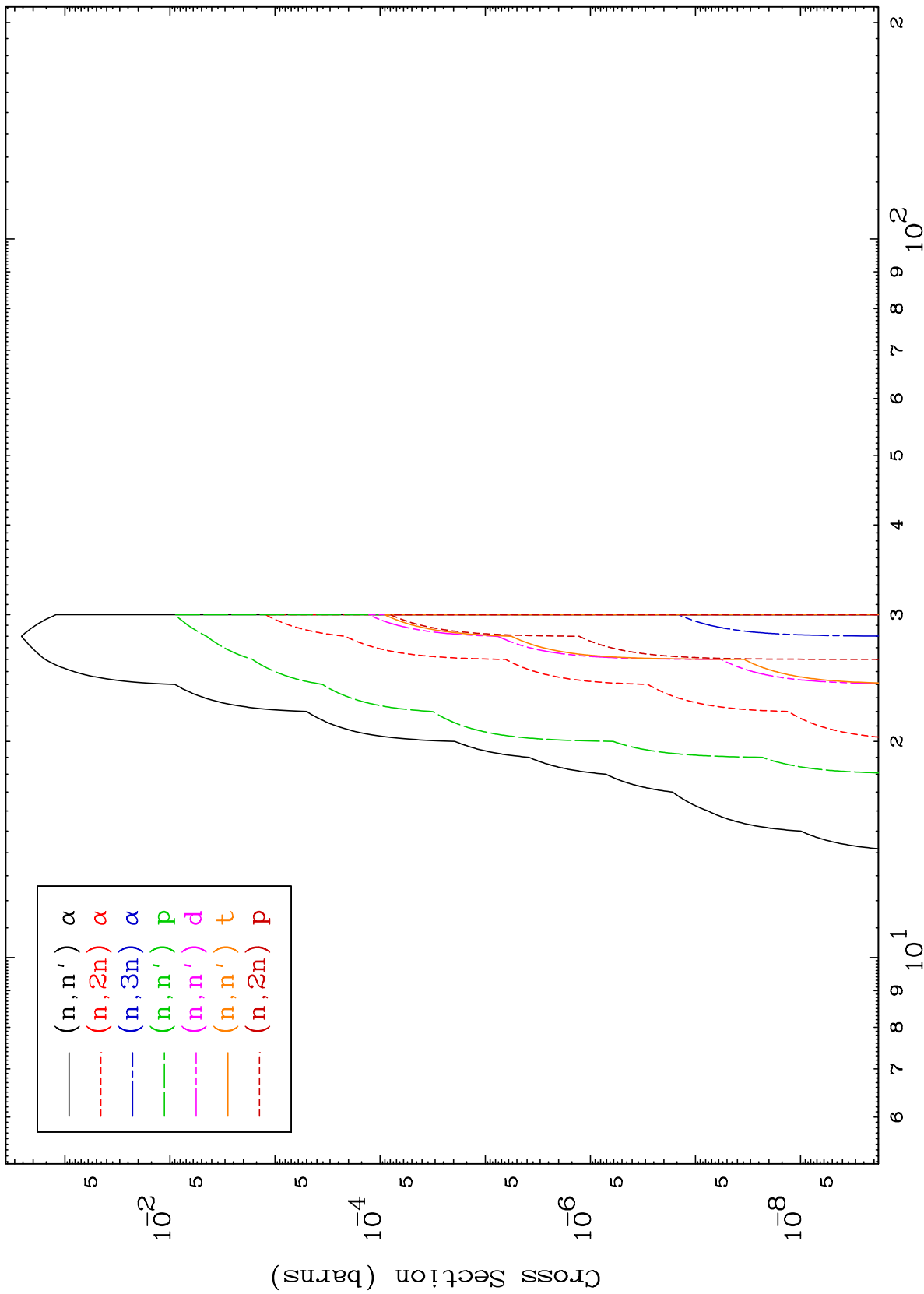
60-Nd-147



MAT 6040

α Charged Particle
0 Kelvin Cross Sections

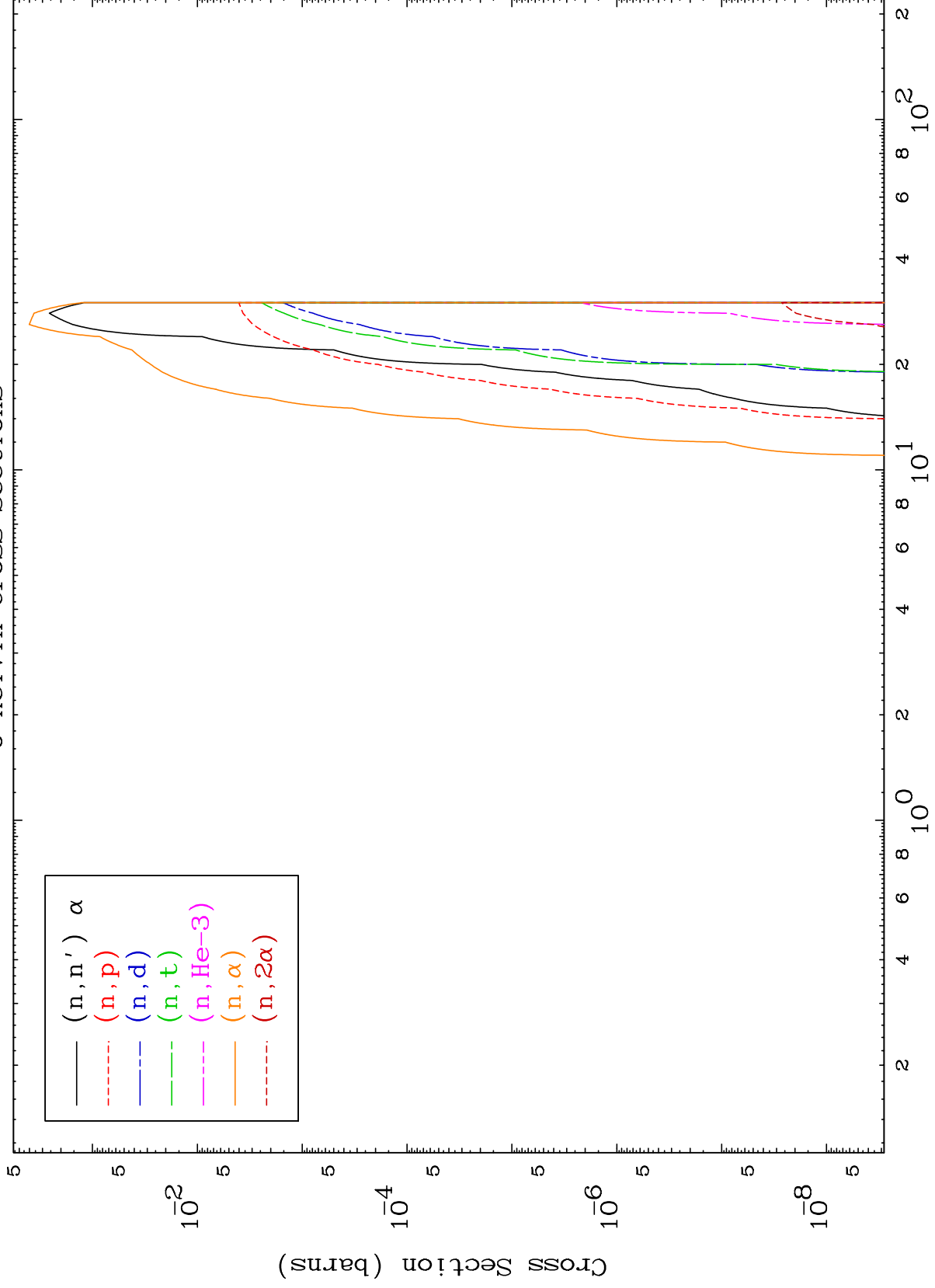
60-Nd-147



MAT 6040

α Charged Particle
0 Kelvin Cross Sections

60-Nd-147



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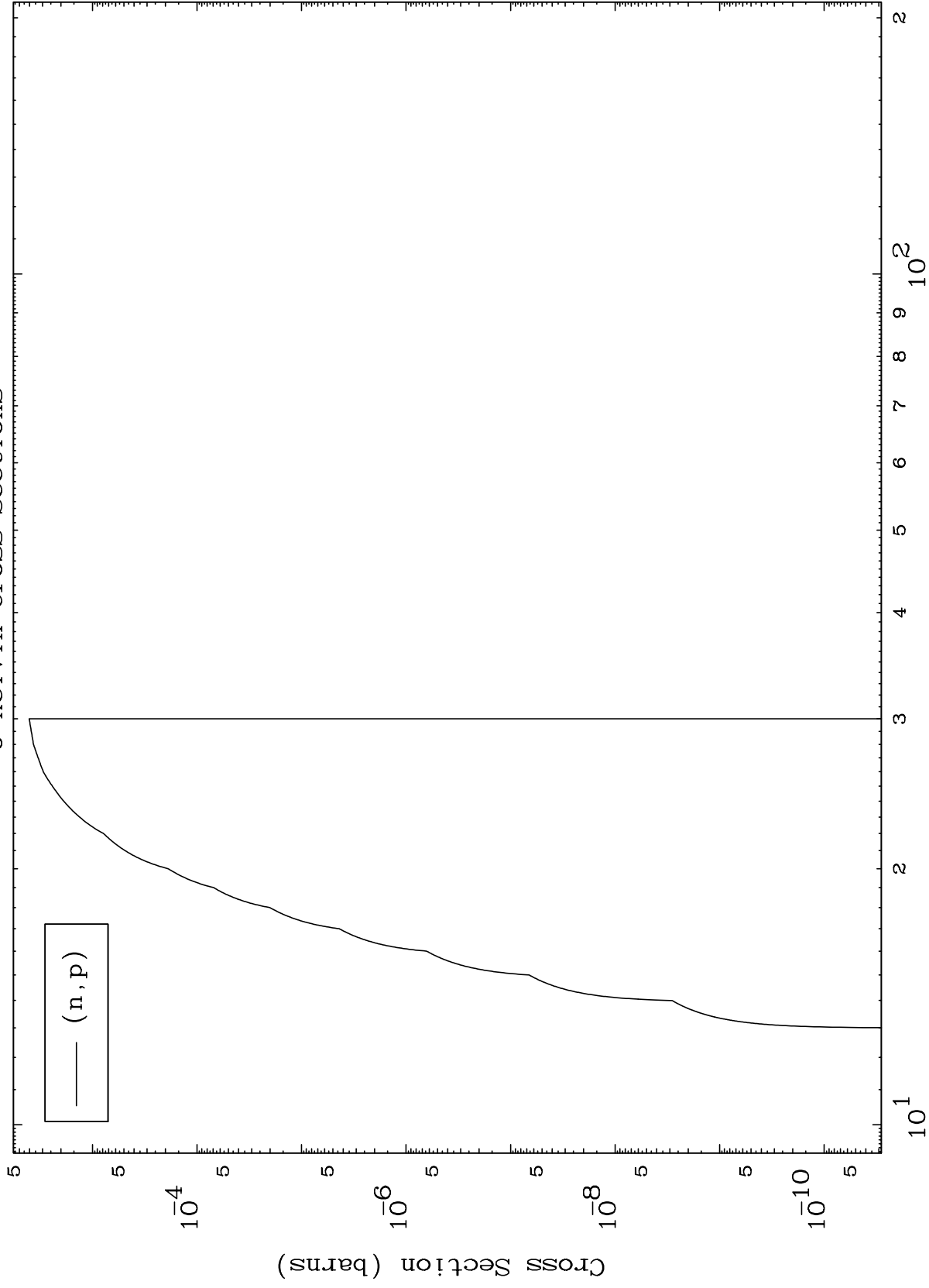
Incident Energy (MeV)

60-Nd-147

MAT 6040

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-147



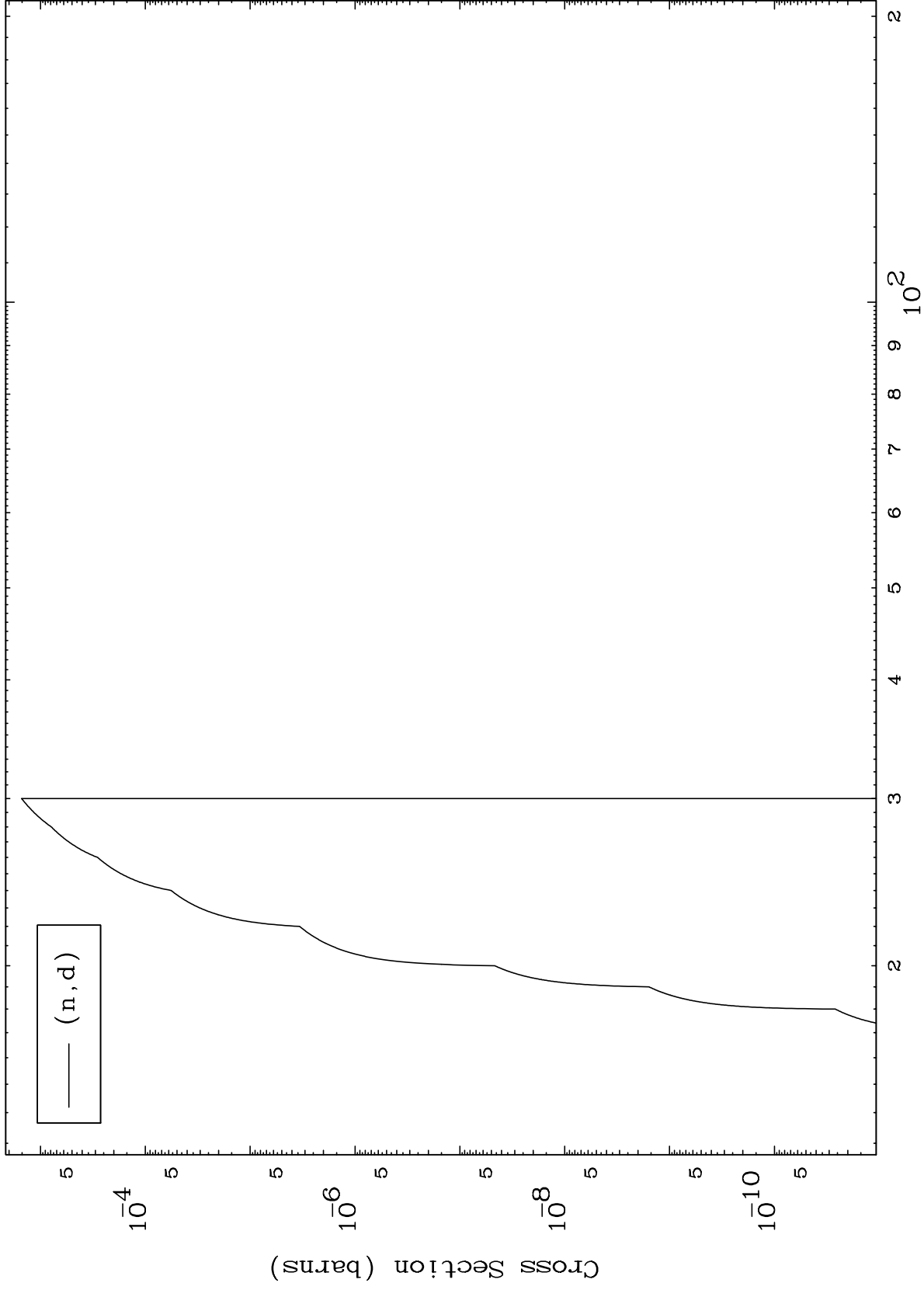
Incident Energy (MeV)

60-Nd-147

MAT 6040

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-147



7

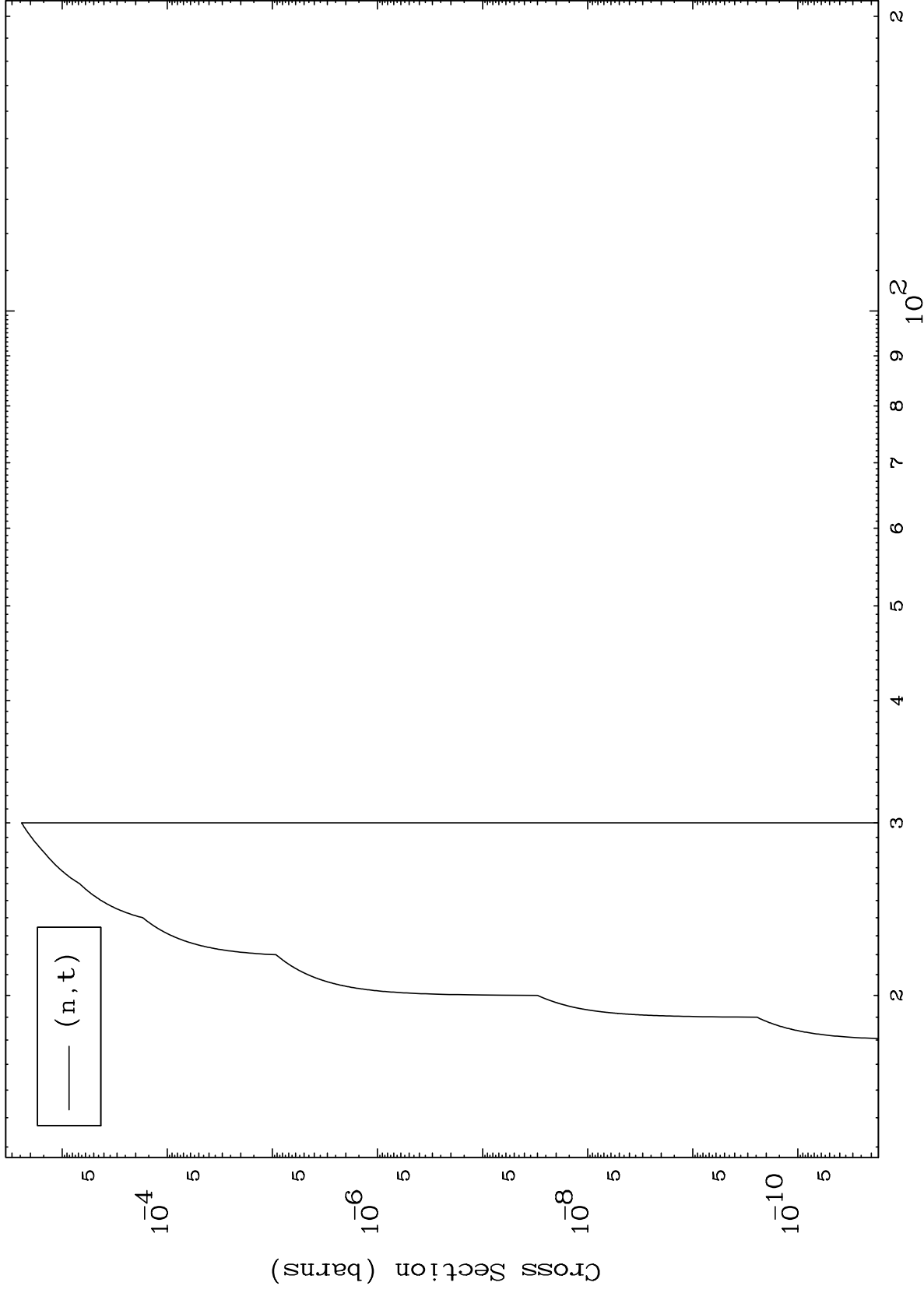
Incident Energy (MeV)

60-Nd-147

MAT 6040

(α, t) Levels
0 Kelvin Cross Sections

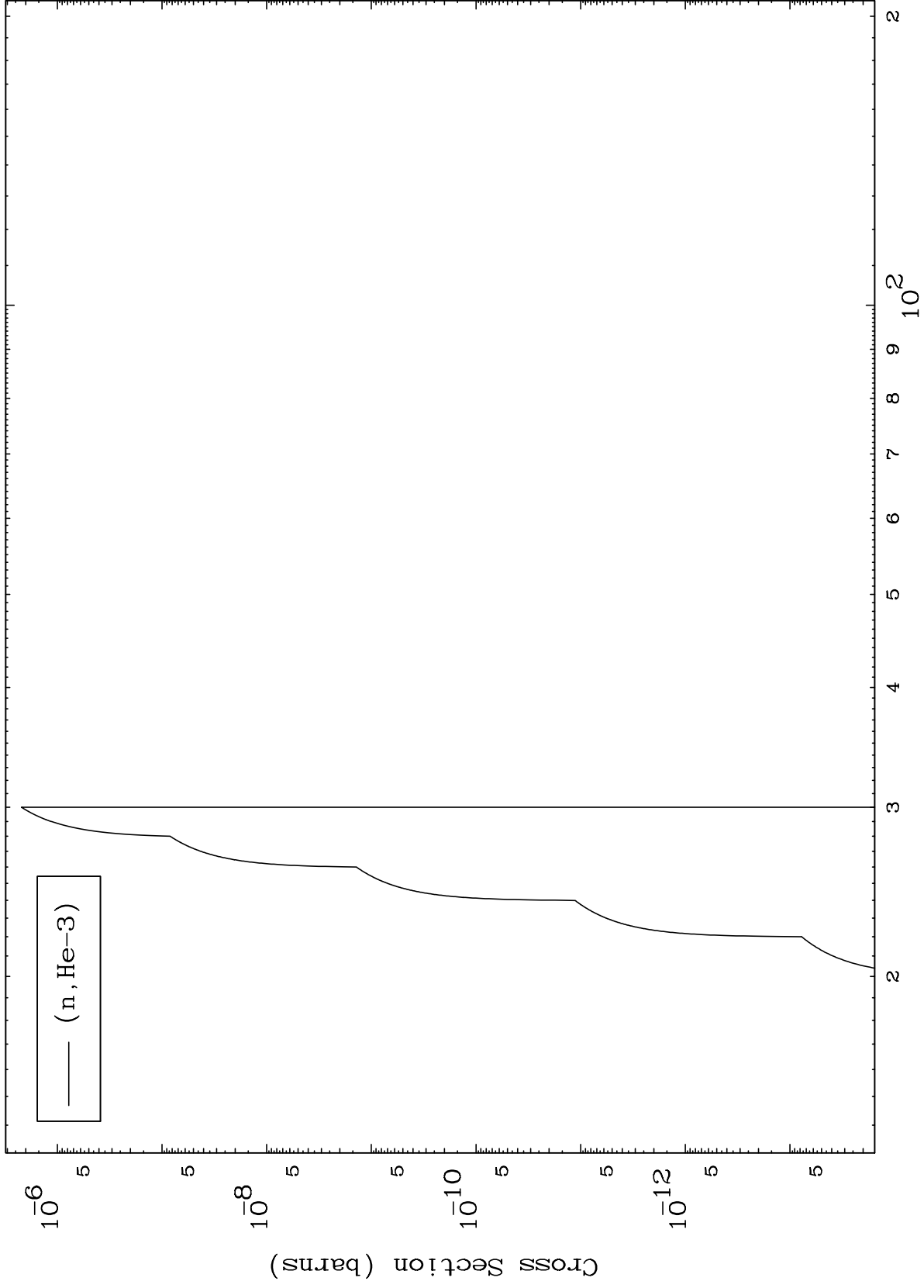
60-Nd-147



MAT 6040

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

60-Nd-147

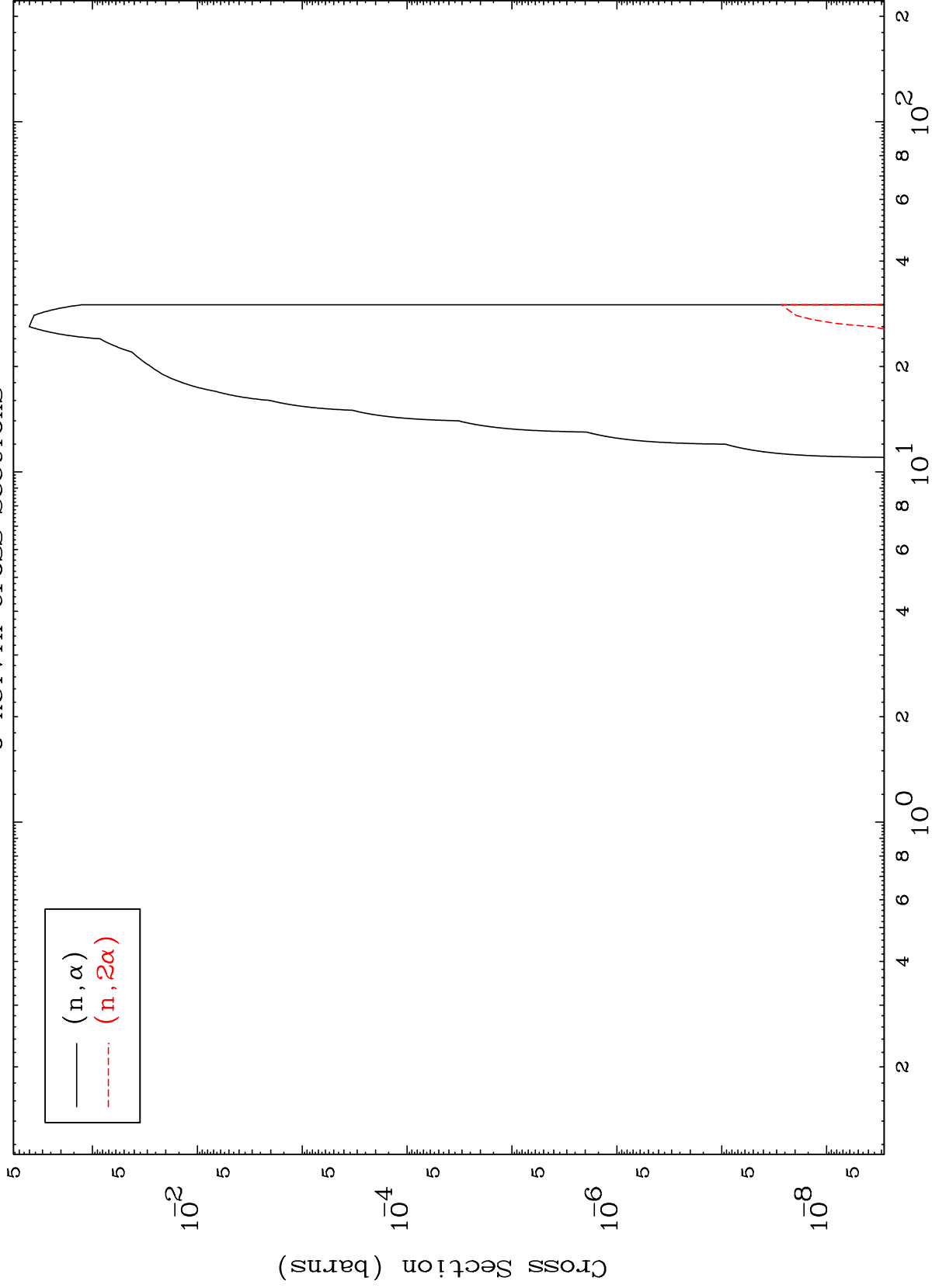


MAT 6040

(α, α) Levels

60-Nd-147

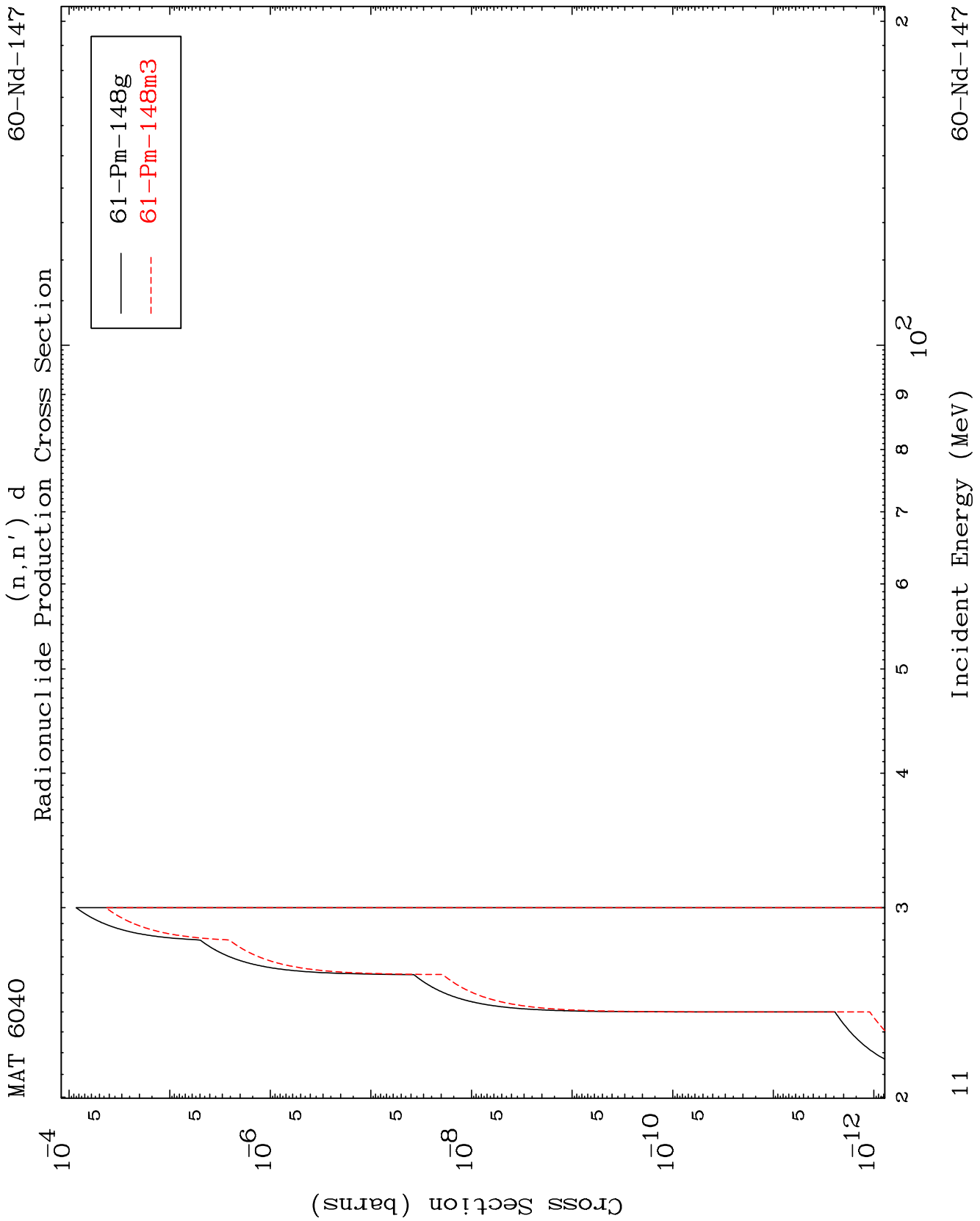
0 Kelvin Cross Sections



10

Incident Energy (MeV)

60-Nd-147

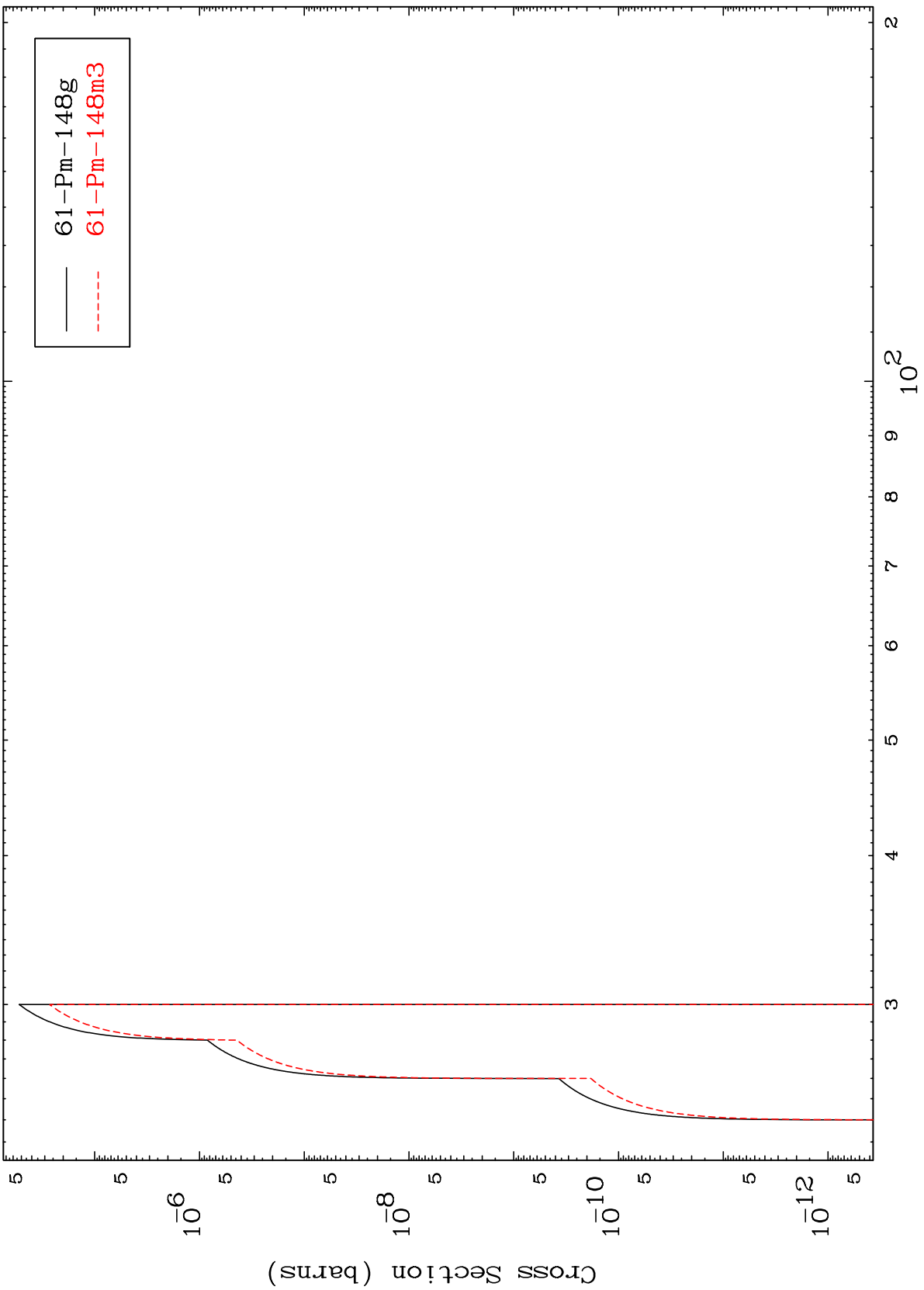


MAT 6040

(n,2n) p

60-Nd-147

Radionuclide Production Cross Section



12

Incident Energy (MeV)

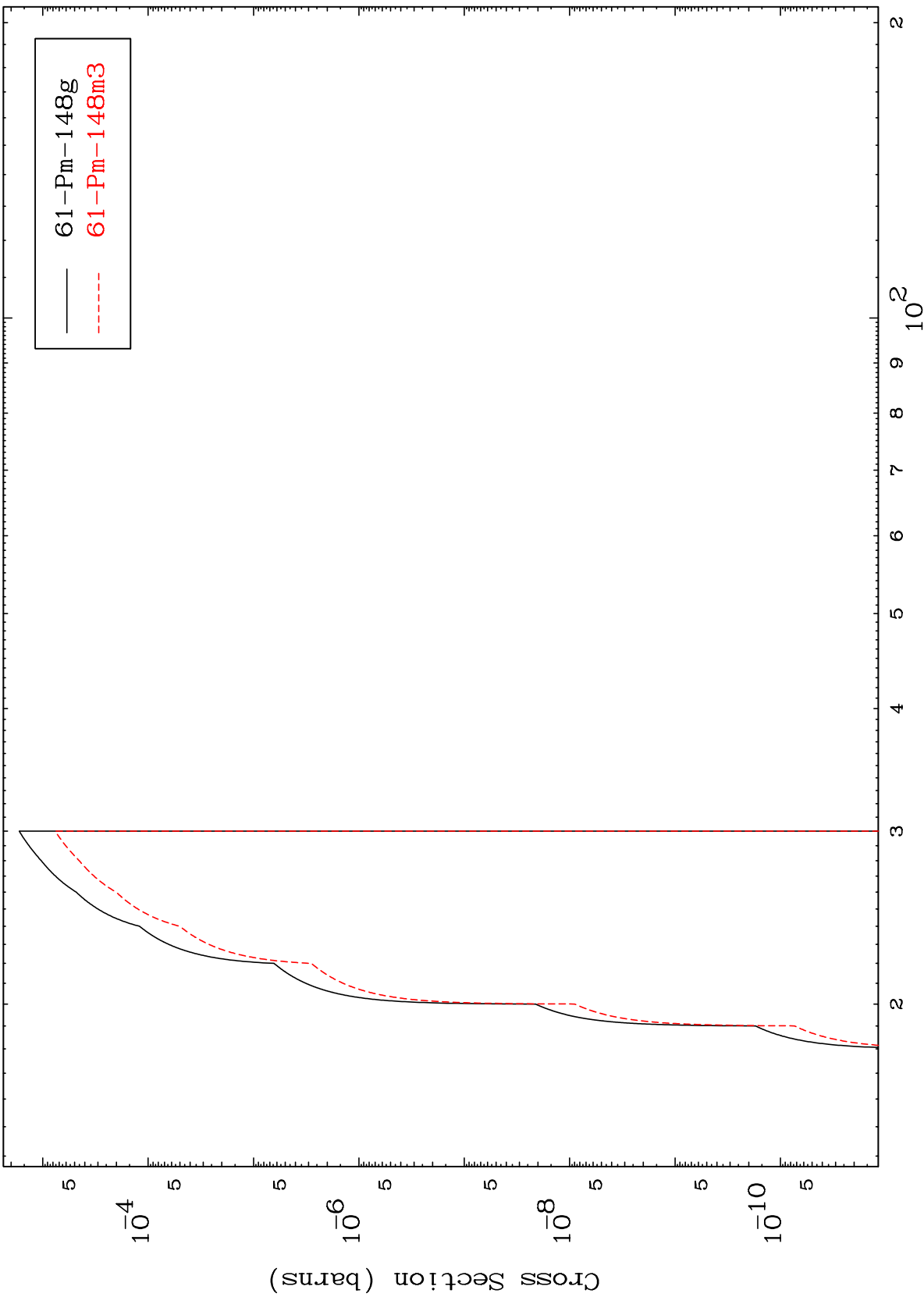
60-Nd-147

MAT 6040

(n, t)

60-Nd-147

Radionuclide Production Cross Section



61-Pm-148g
61-Pm-148m3

13

Incident Energy (MeV)

60-Nd-147