

Program EVALPLOT
(Version 2018-1)

by

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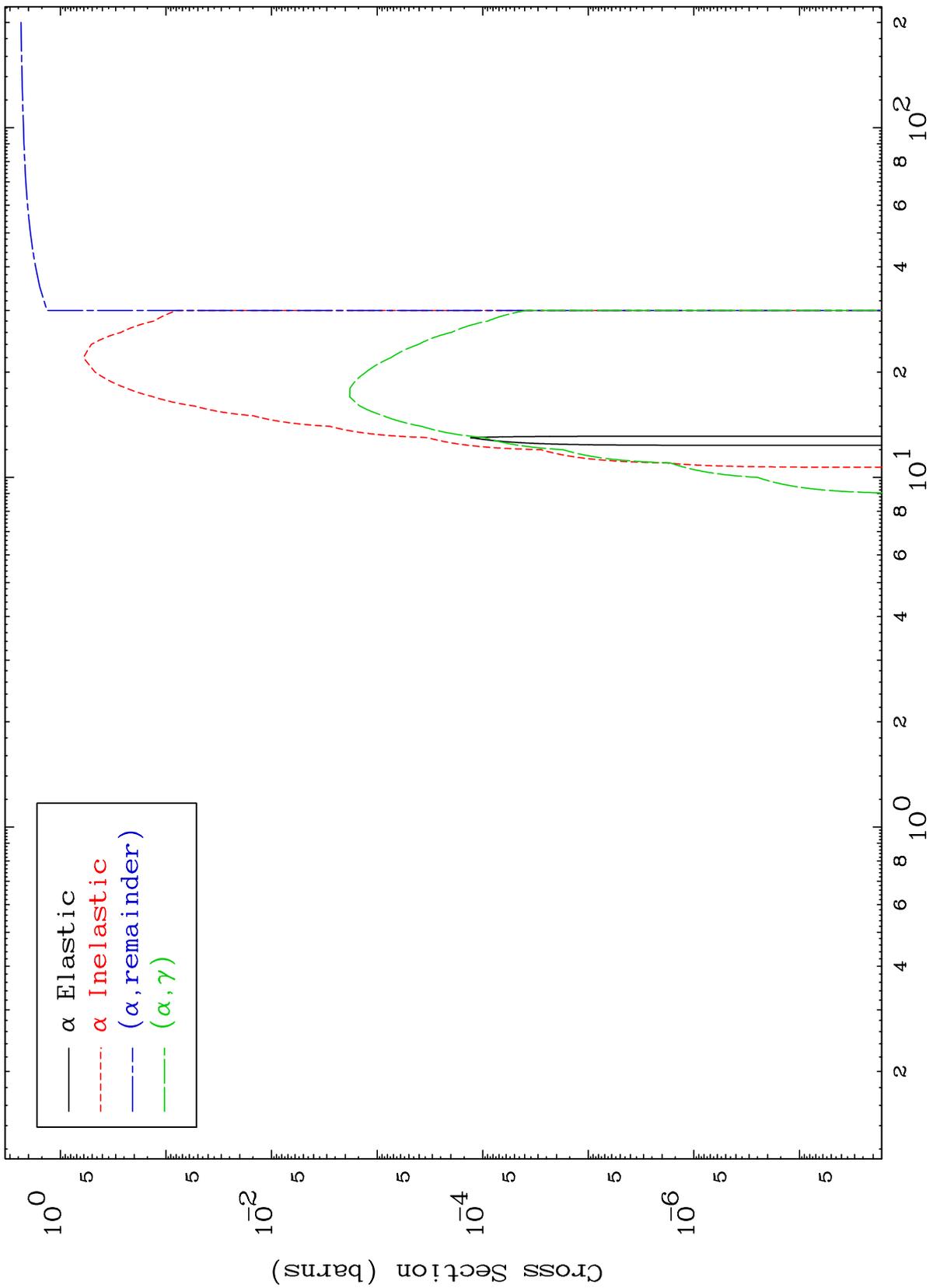
Press Mouse Button to Start

MAT 6019

α Major

60-Nd-140

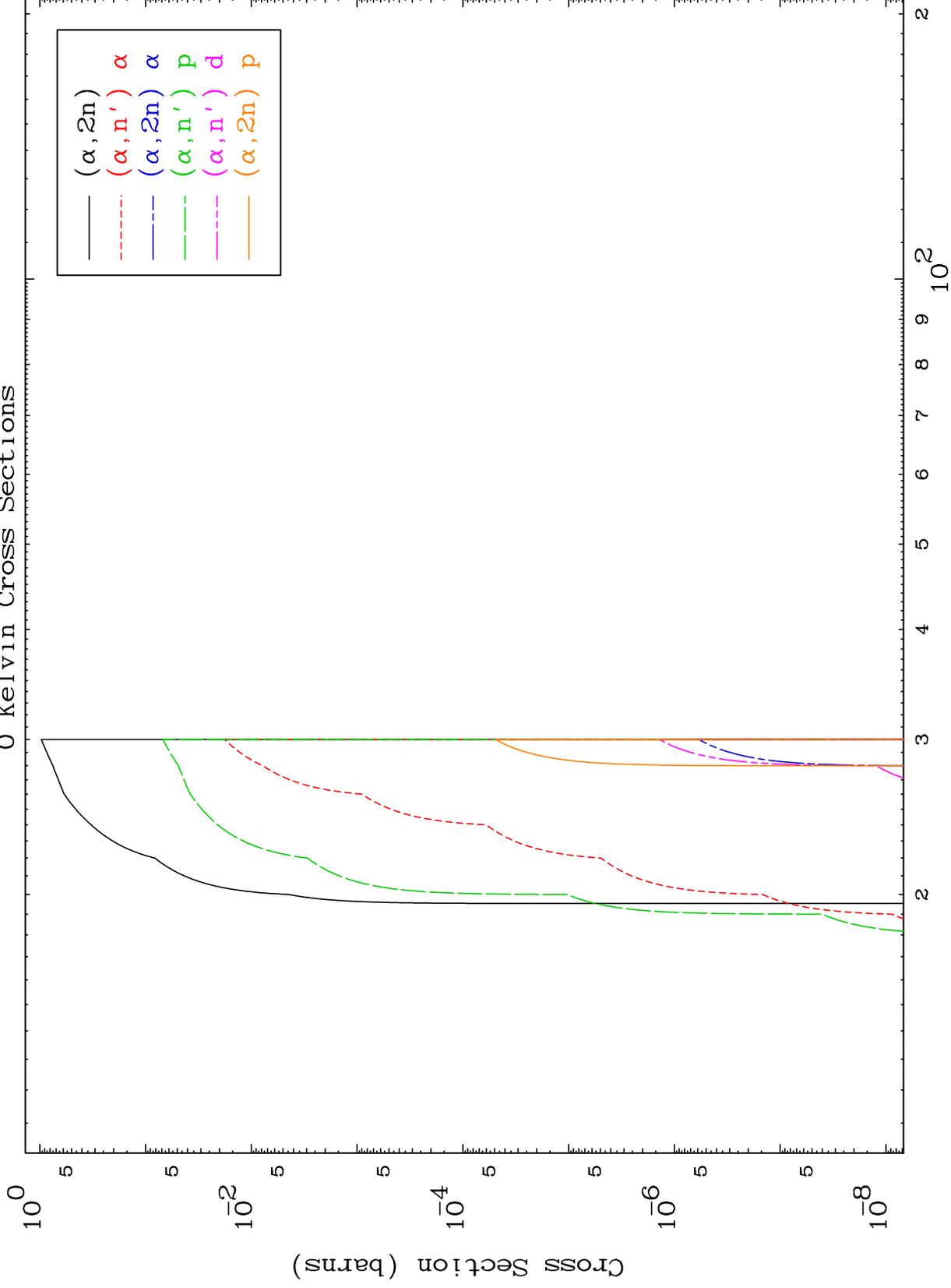
0 Kelvin Cross Sections



MAT 6019

α Neutron Production
0 Kelvin Cross Sections

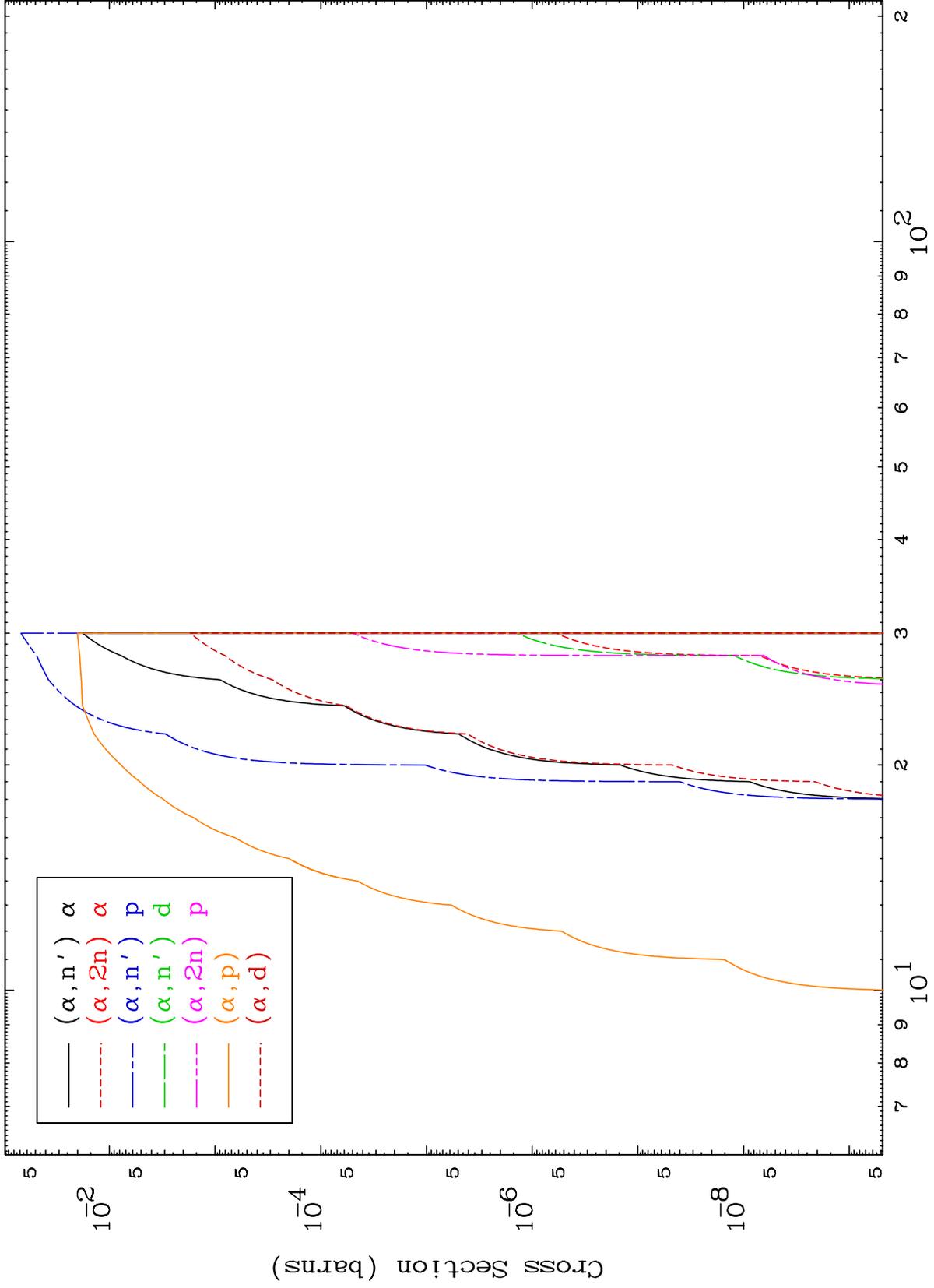
60-Nd-140



2

Incident Energy (MeV)

60-Nd-140

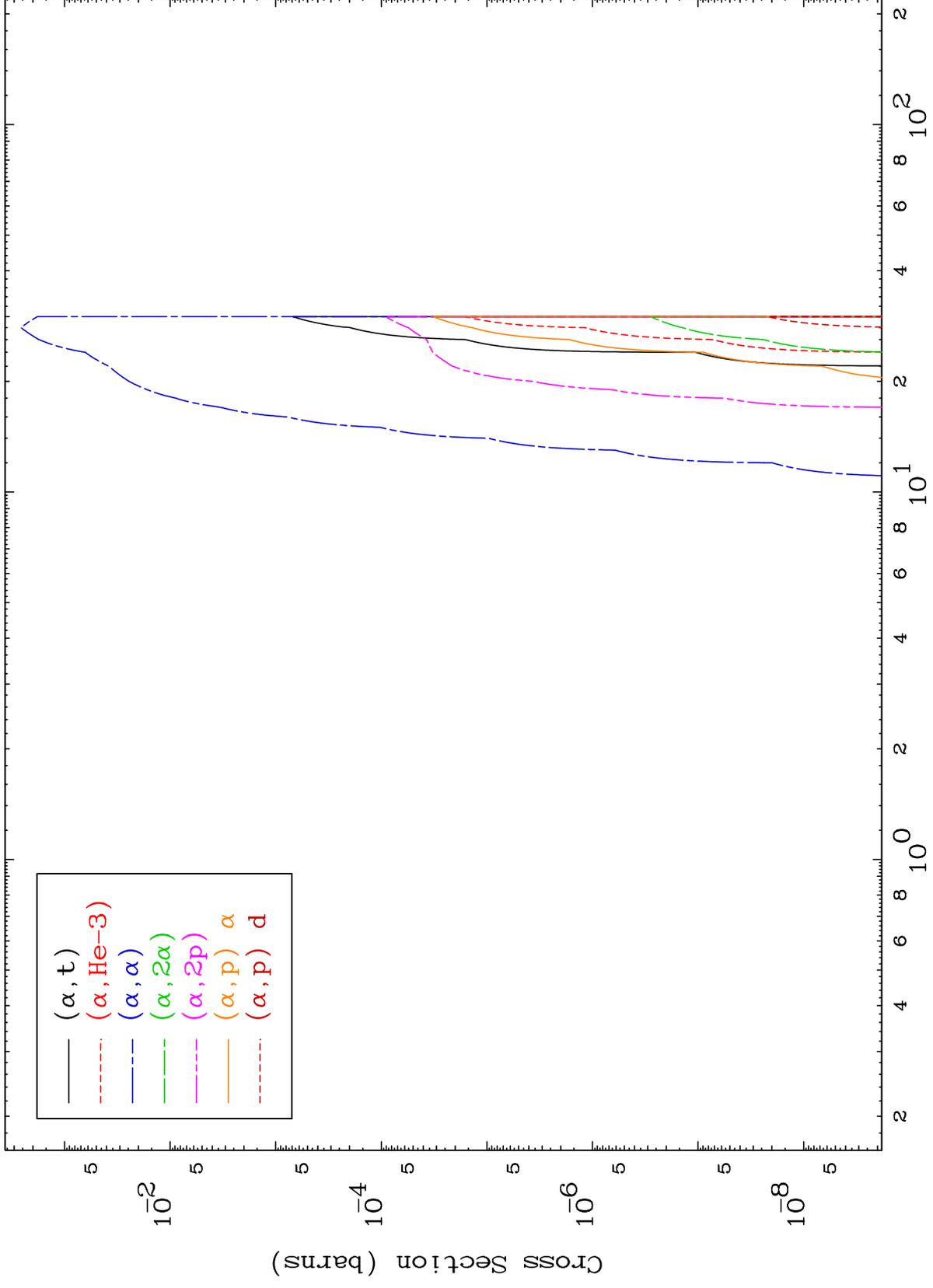


MAT 6019

α Charged Particle

60-Nd-140

0 Kelvin Cross Sections



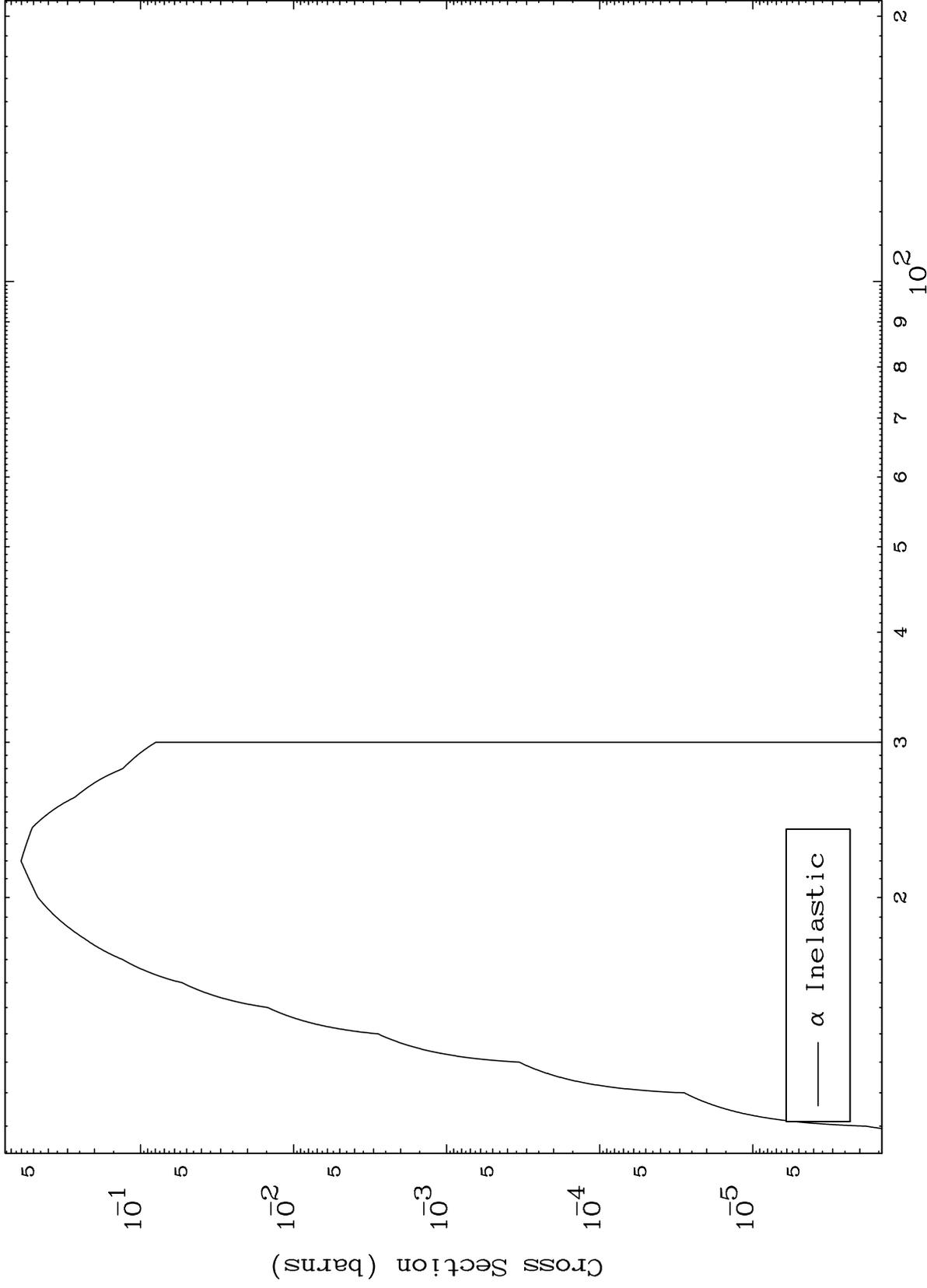
60-Nd-140

Incident Energy (MeV)

MAT 6019

(α, n') Level
0 Kelvin Cross Sections

60-Nd-140



5

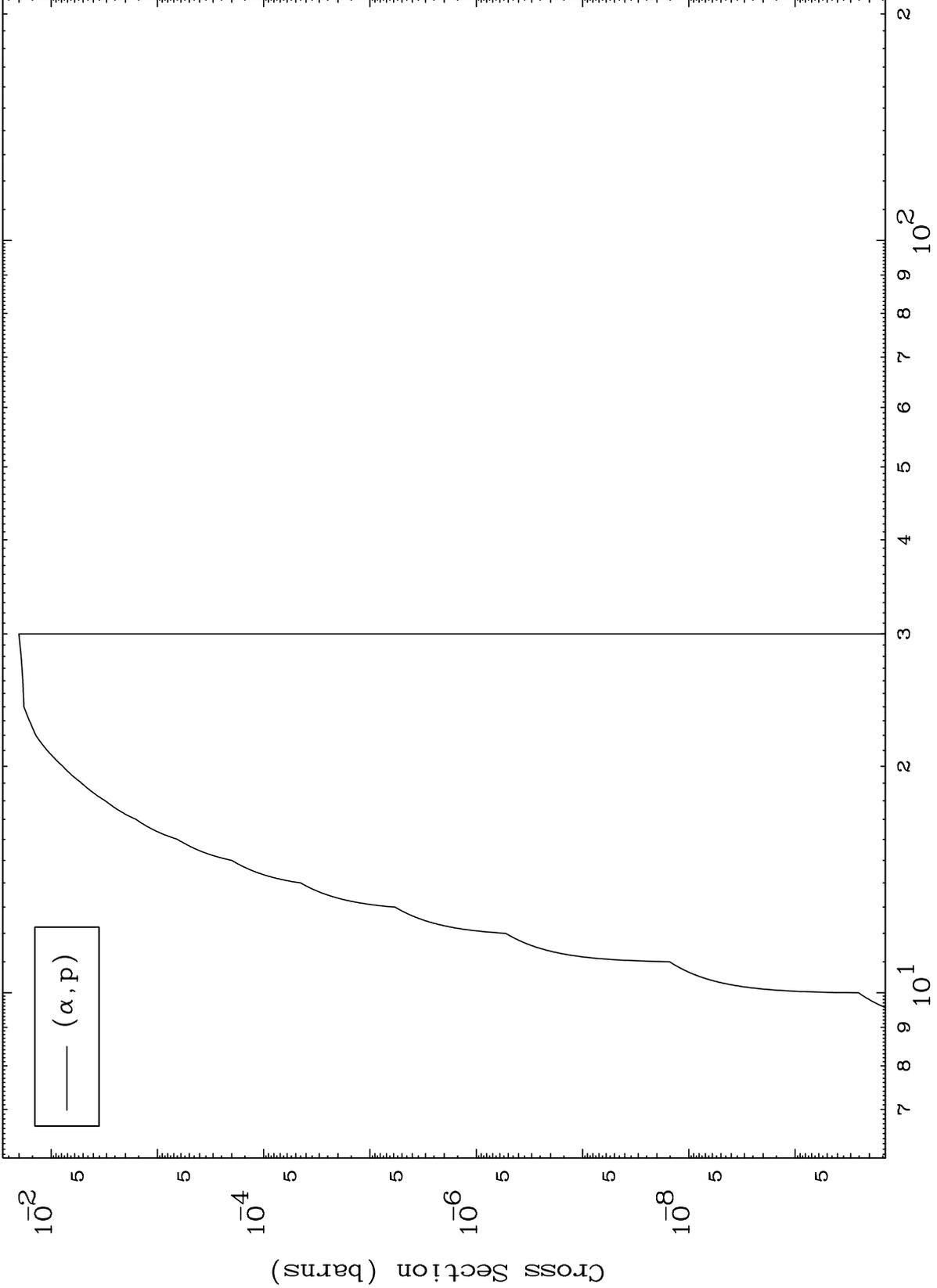
Incident Energy (MeV)

60-Nd-140

MAT 6019

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-140



6

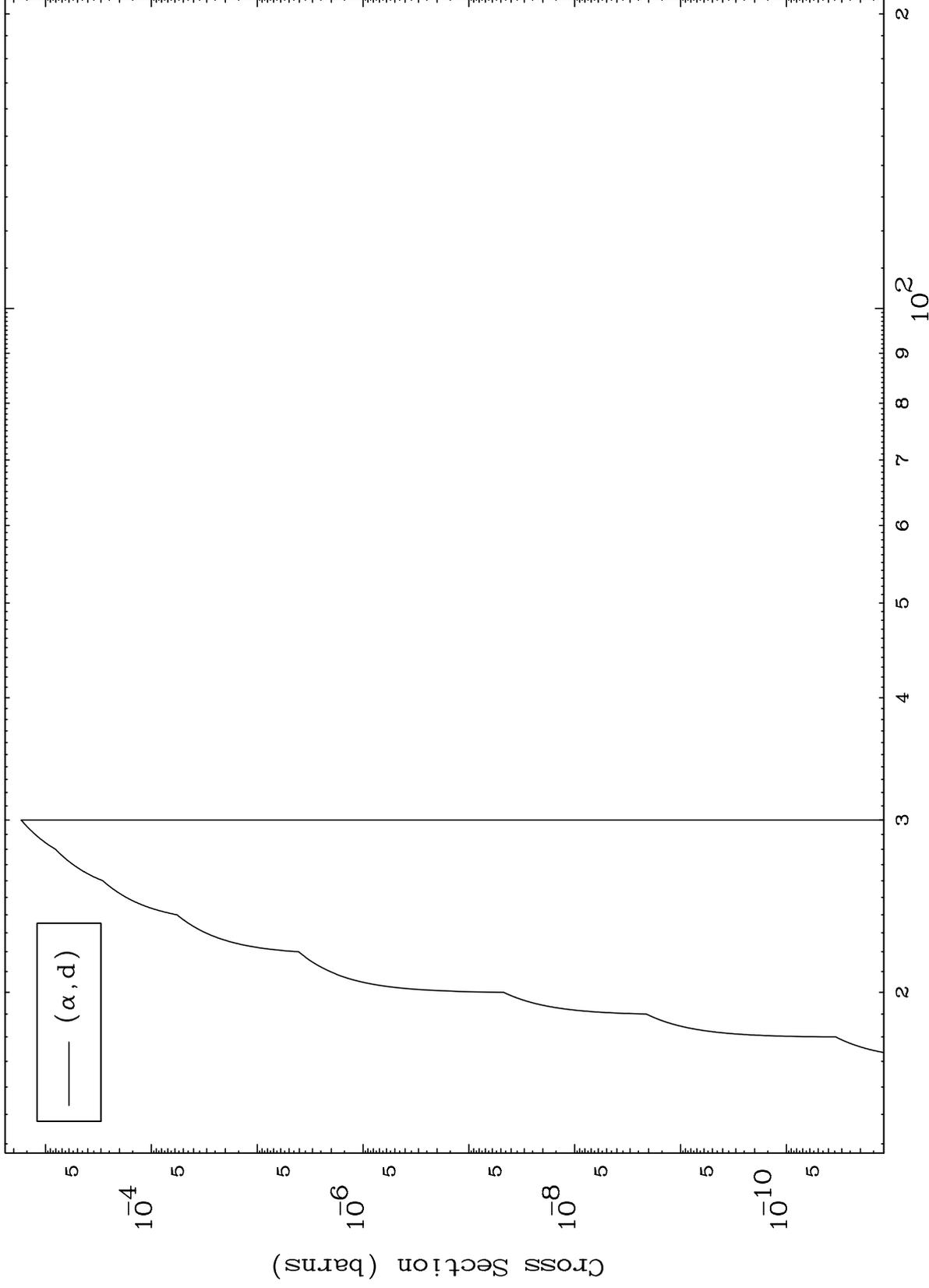
Incident Energy (MeV)

60-Nd-140

MAT 6019

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-140



7

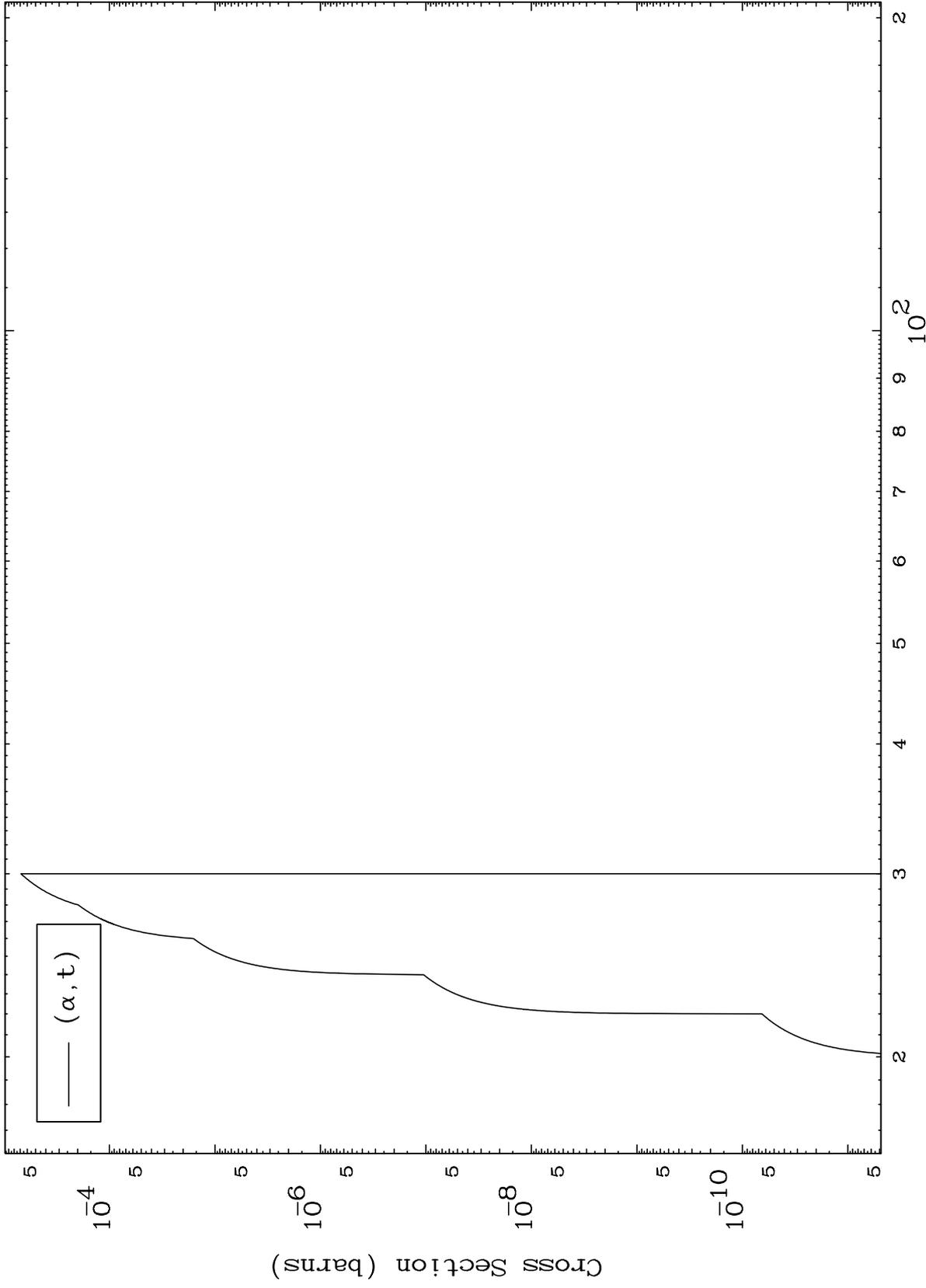
Incident Energy (MeV)

60-Nd-140

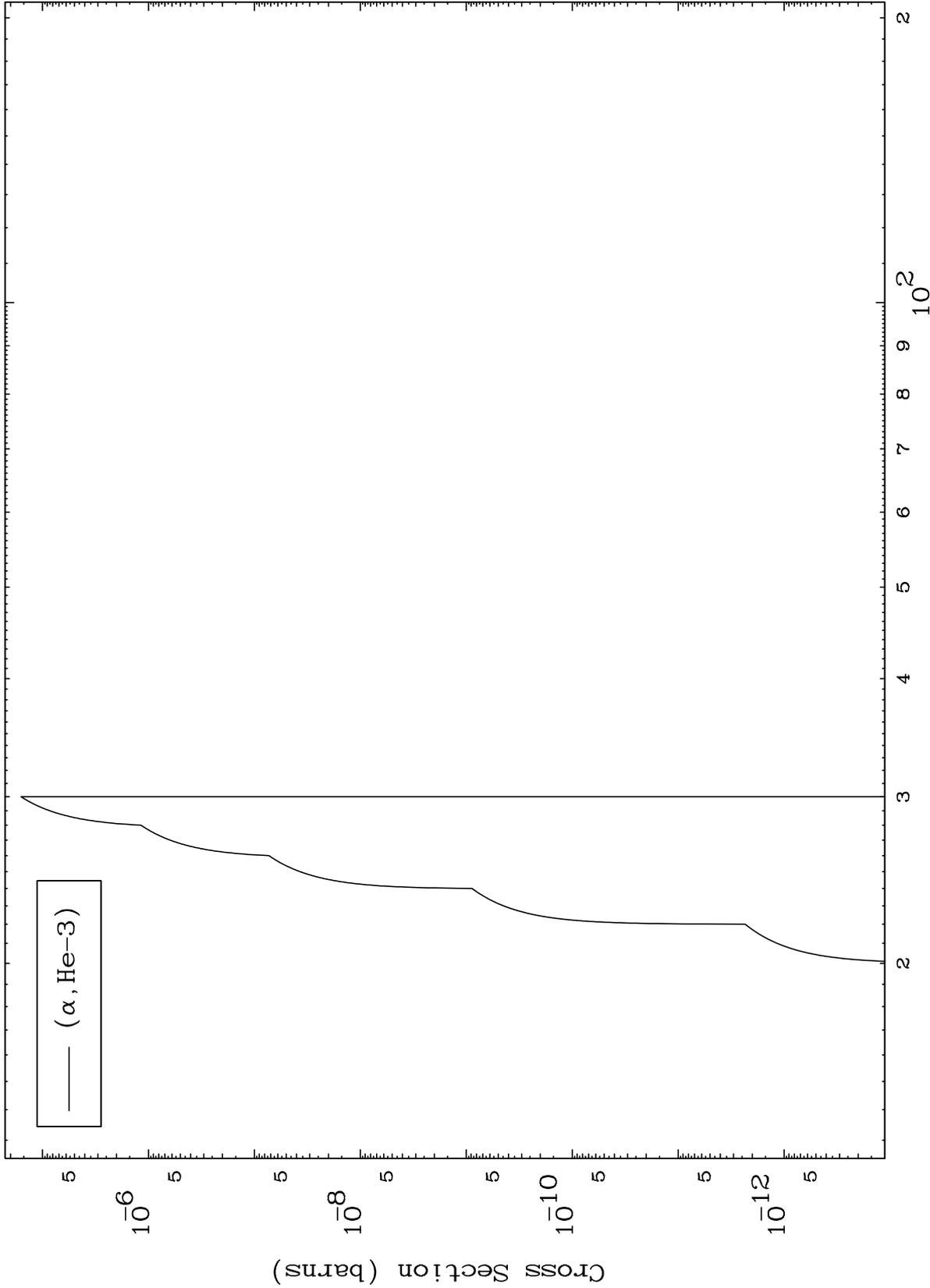
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(α, t) Levels
0 Kelvin Cross Sections

60-Nd-140



(α ,He3) Levels
0 Kelvin Cross Sections

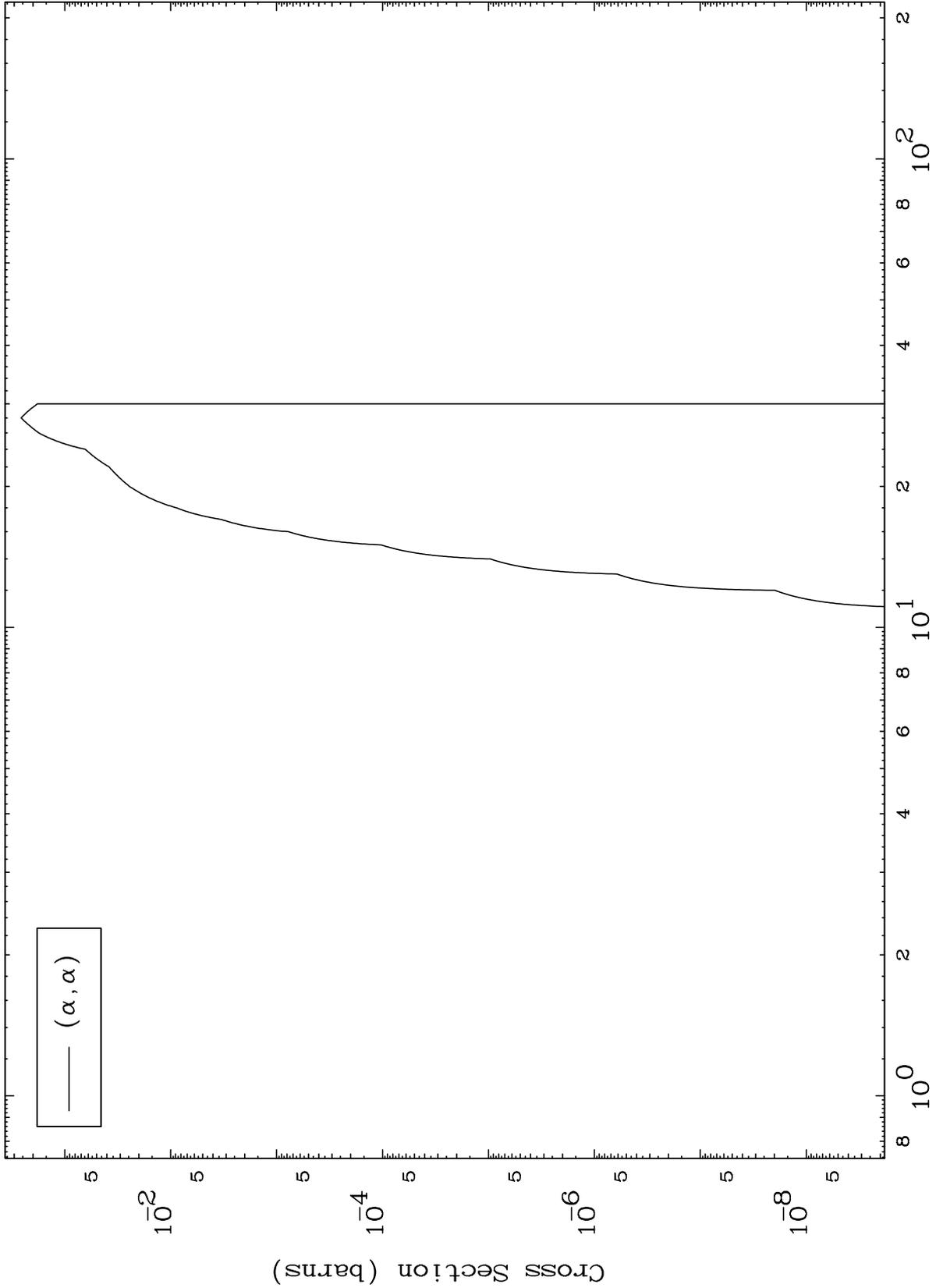


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(α, α) Levels

60-Nd-140

0 Kelvin Cross Sections



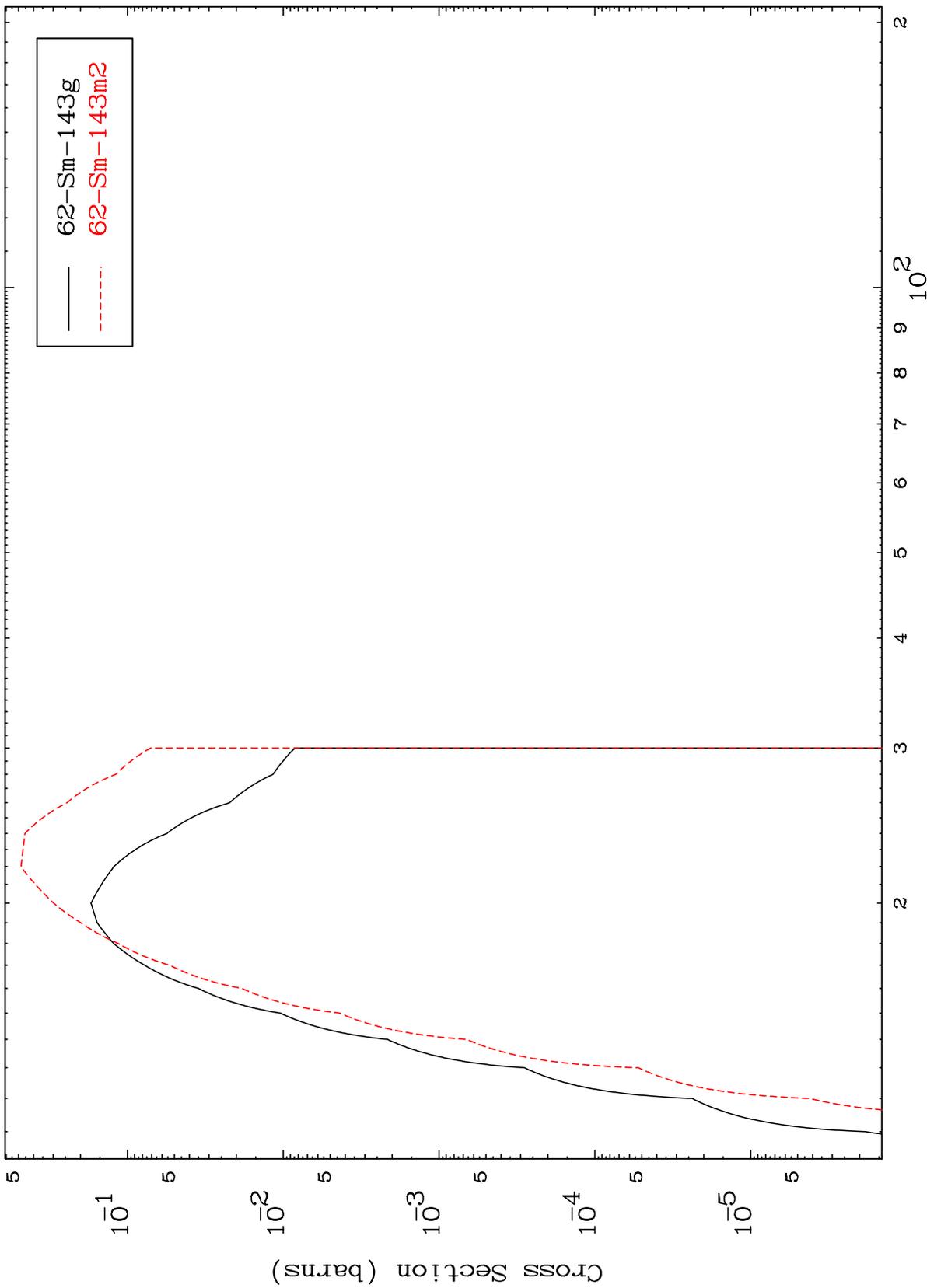
10

Incident Energy (MeV)

60-Nd-140

Radionuclide Production Cross Section

α Inelastic

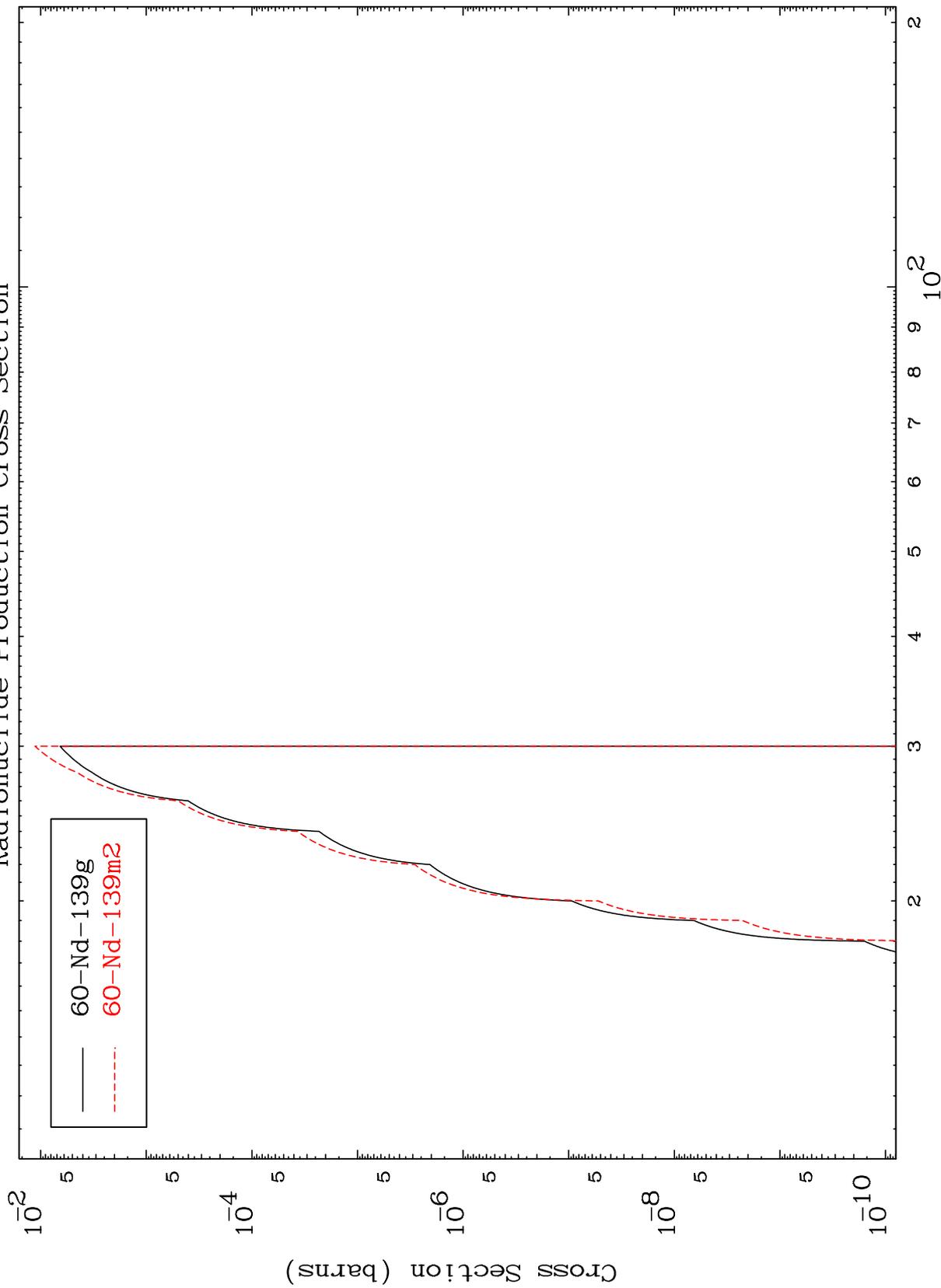


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60-Nd-140

(α, n') α

Radionuclide Production Cross Section



Incident Energy (MeV)

60-Nd-140

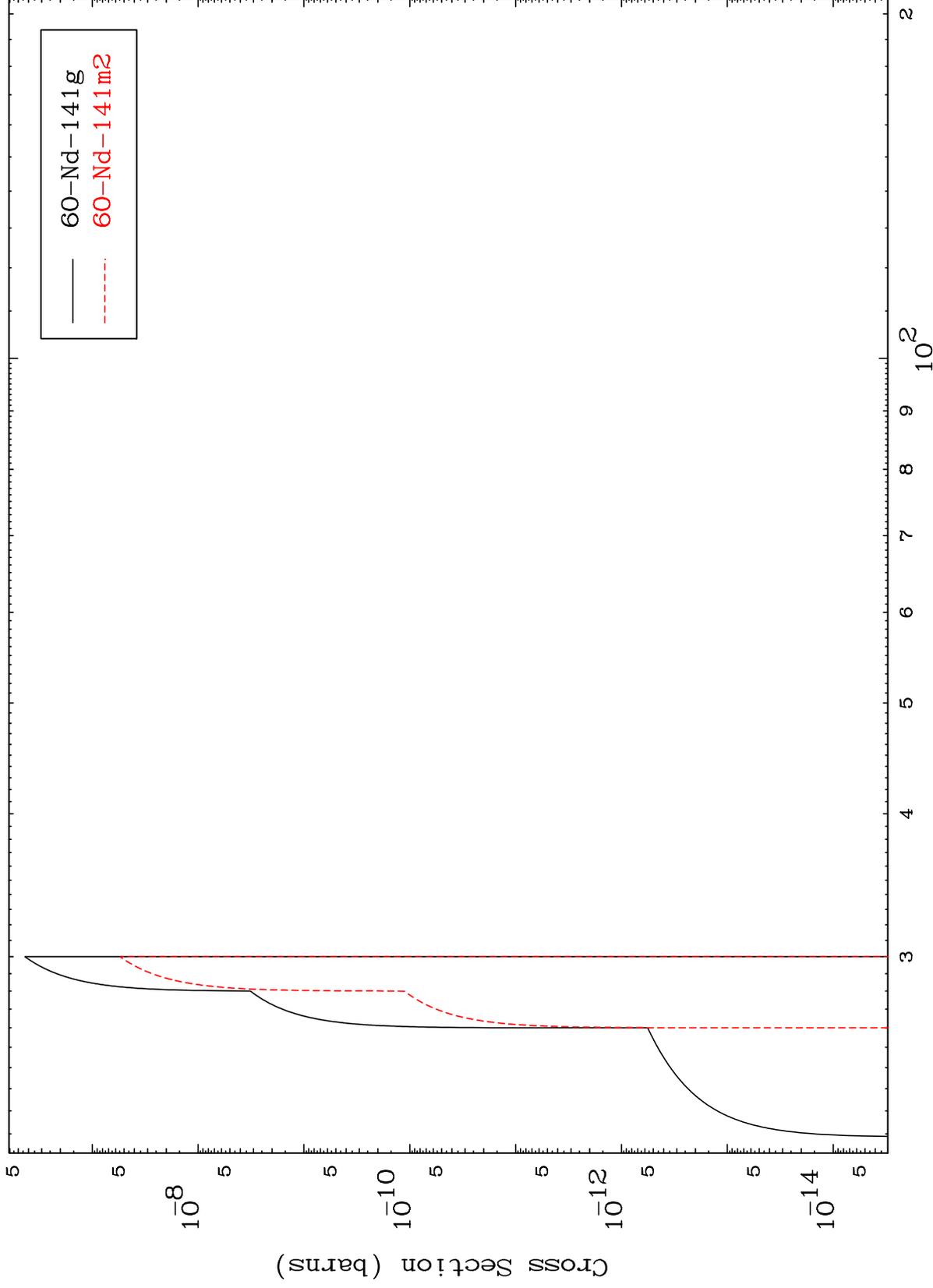
12

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$(\alpha, 2n)$ p

$^{60}\text{Nd-140}$

Radionuclide Production Cross Section

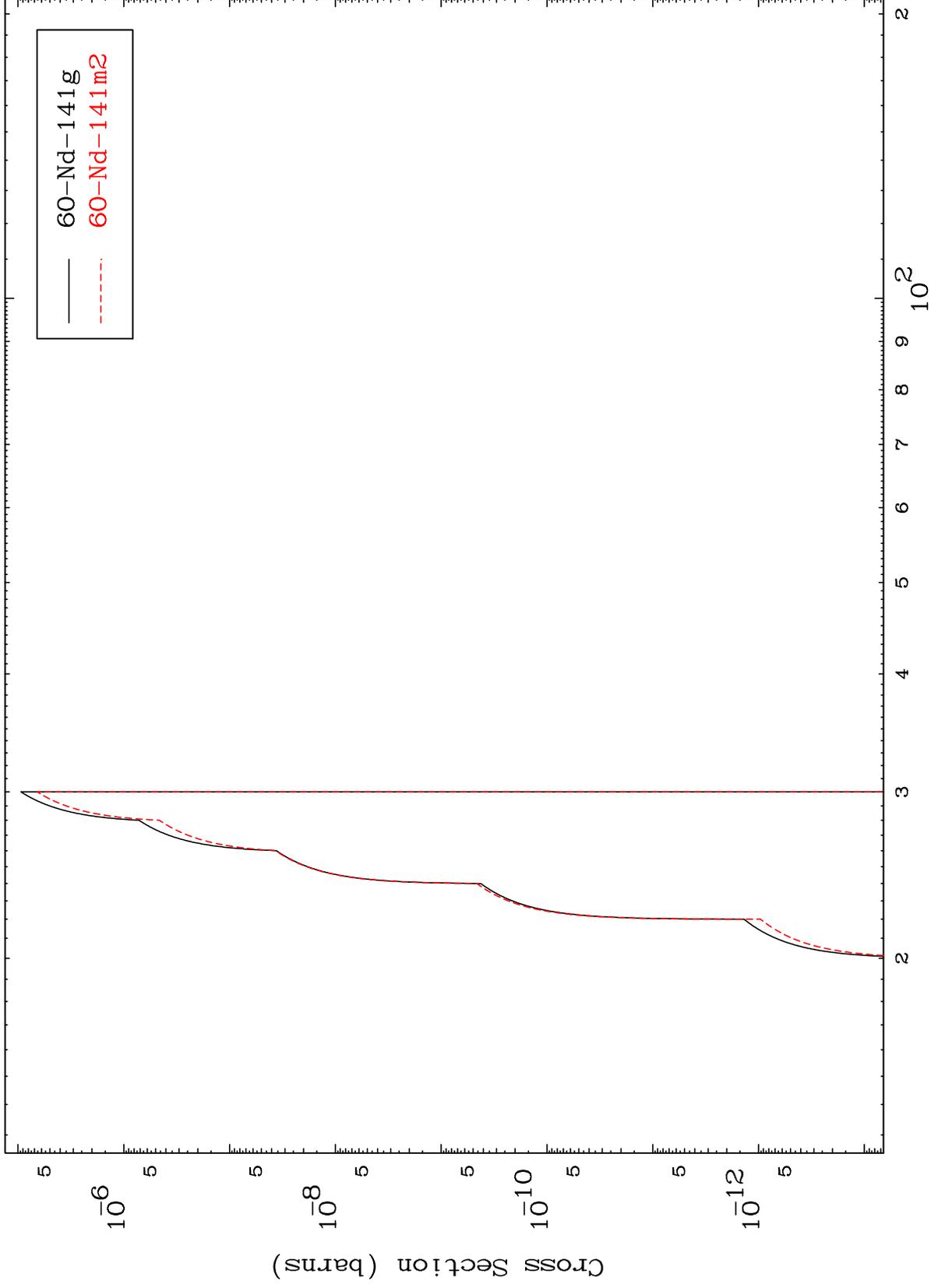


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($\alpha, \text{He-3}$)

60-Nd-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

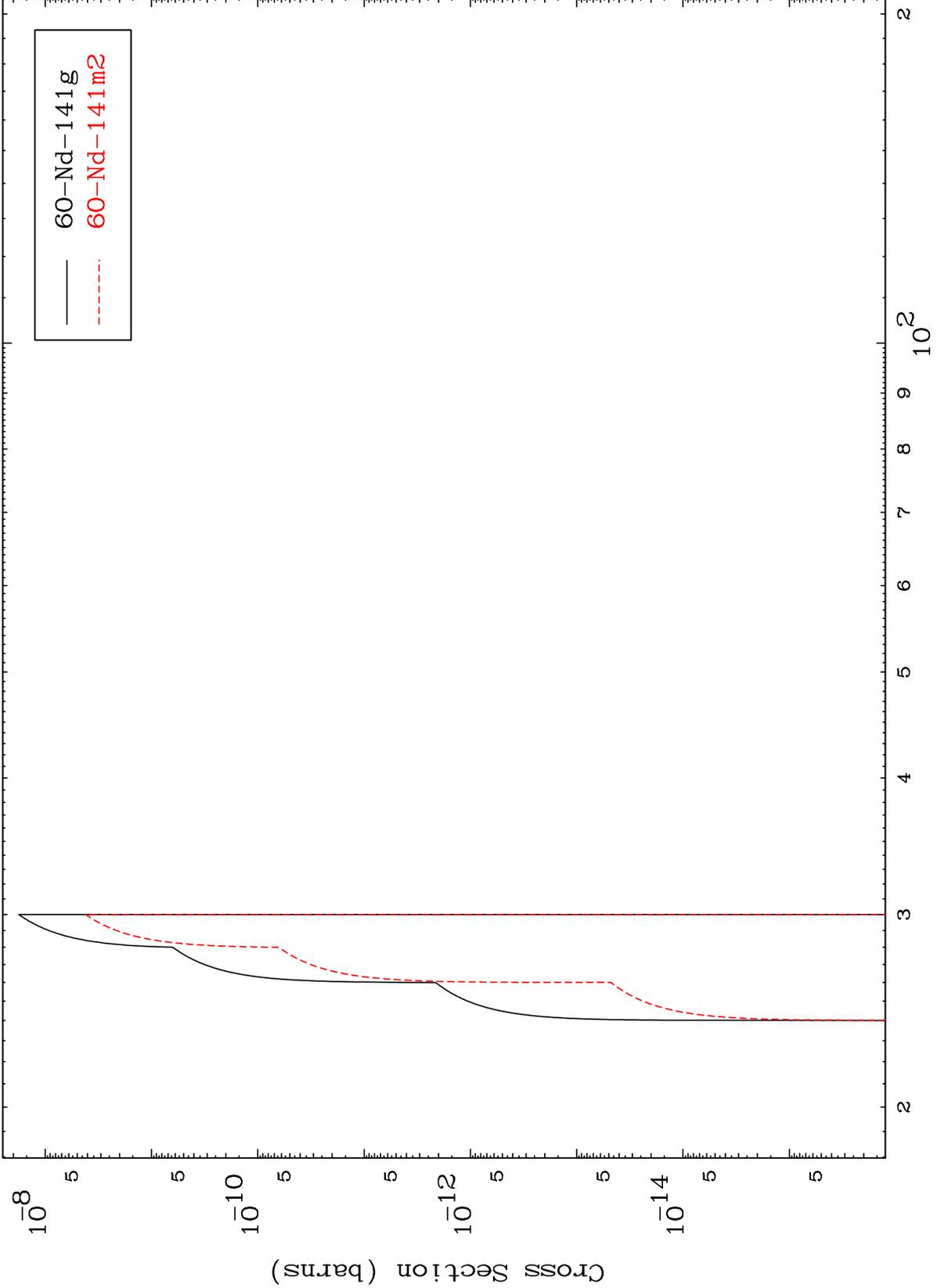
60-Nd-140

MAT 6019

(α, p) d

$^{60}\text{Nd-140}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{60}\text{Nd-140}$