

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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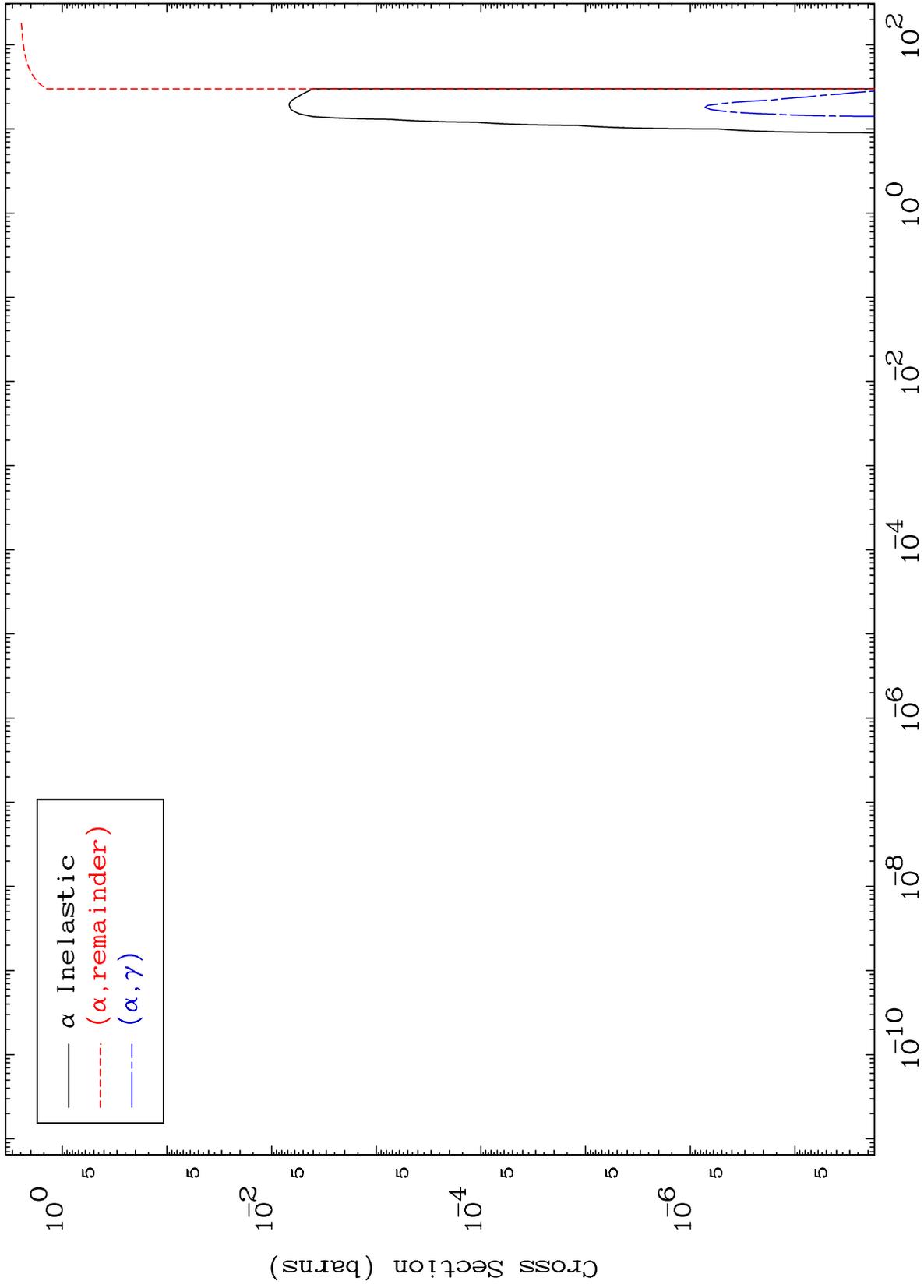
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6055

0 Kelvin α Major
Cross Sections

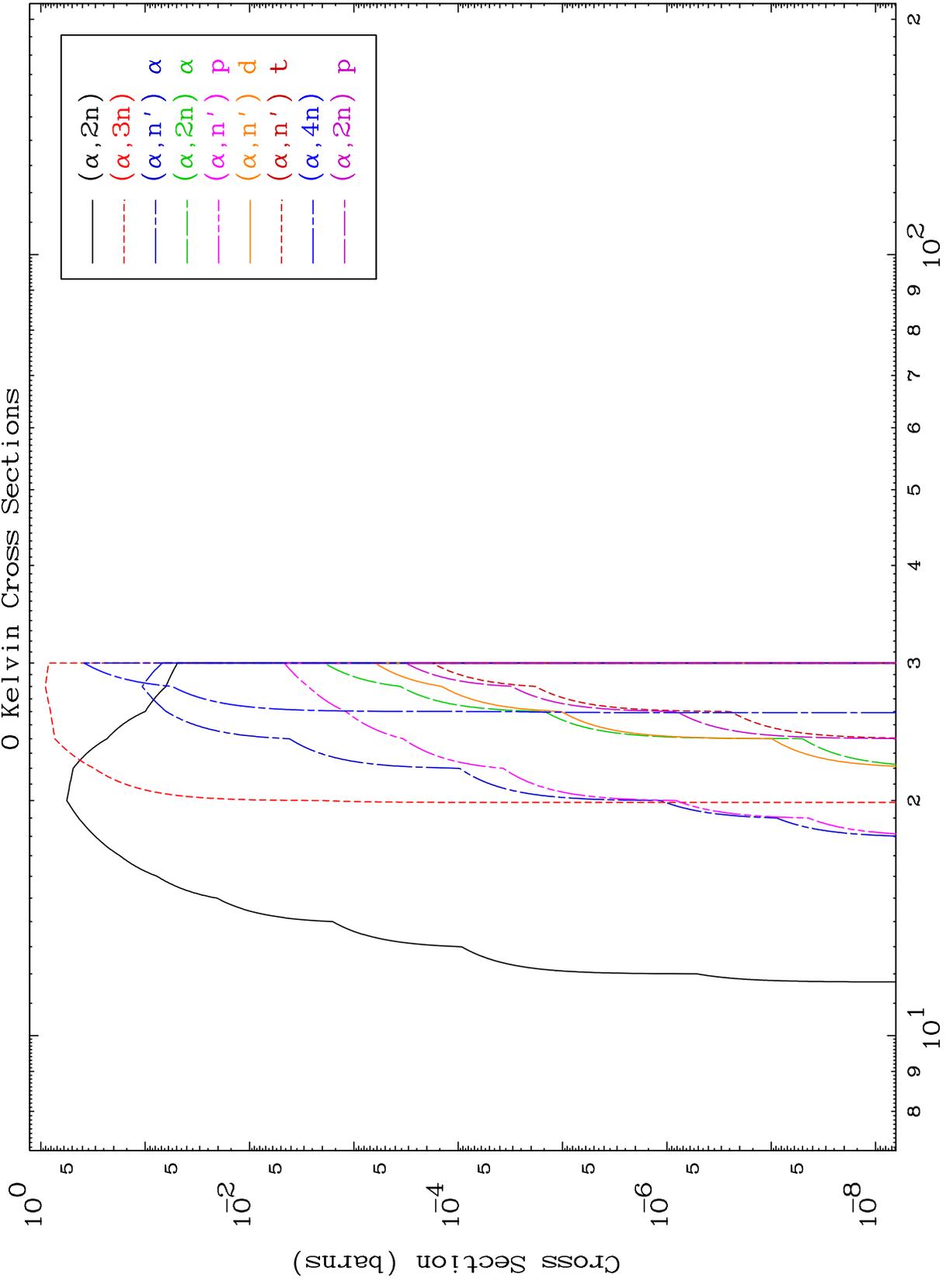
60-Nd-152



MAT 6055

α Neutron Production
0 Kelvin Cross Sections

60-Nd-152



2

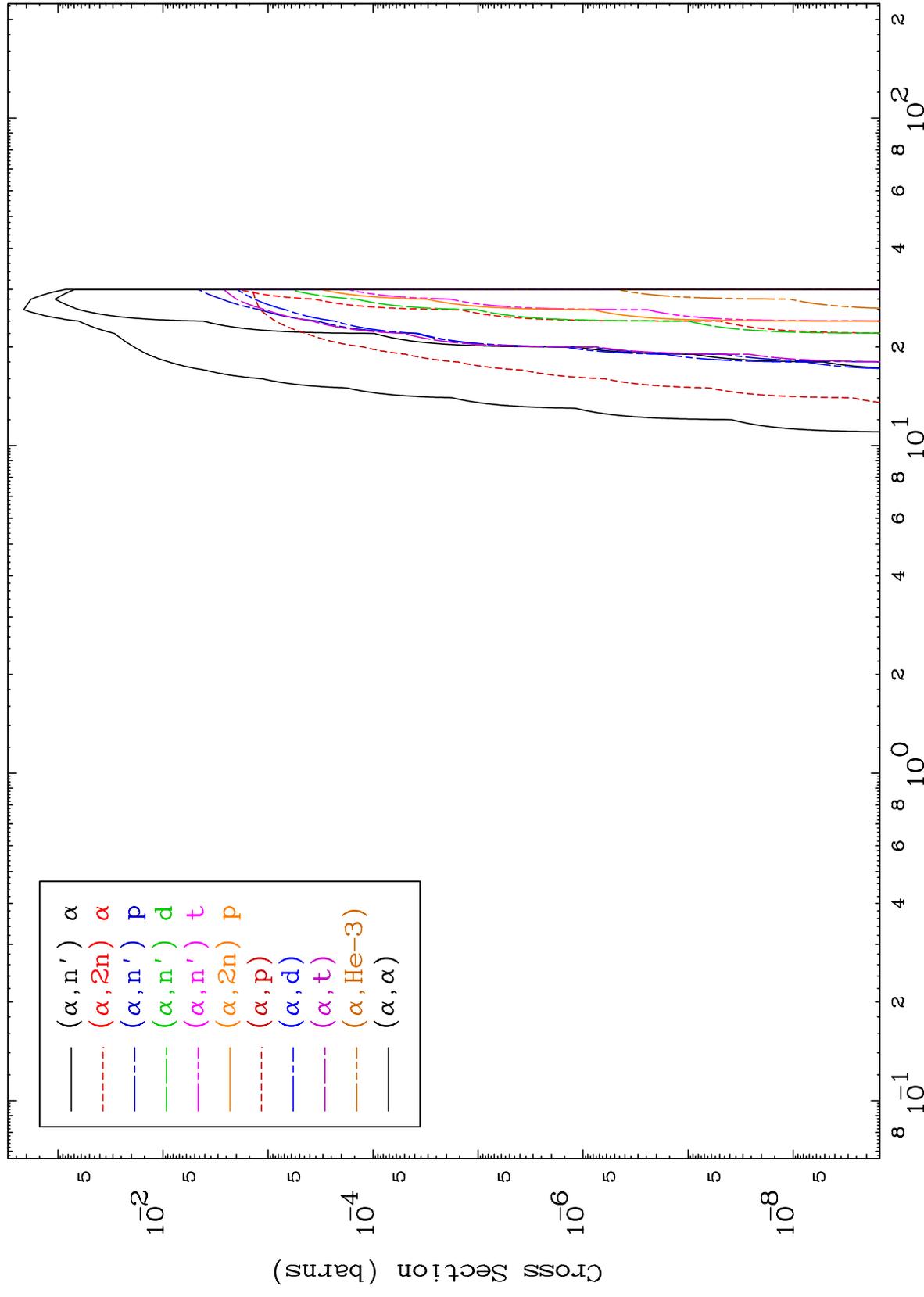
Incident Energy (MeV)

60-Nd-152

MAT 6055

α Charged Particle
0 Kelvin Cross Sections

60-Nd-152



3

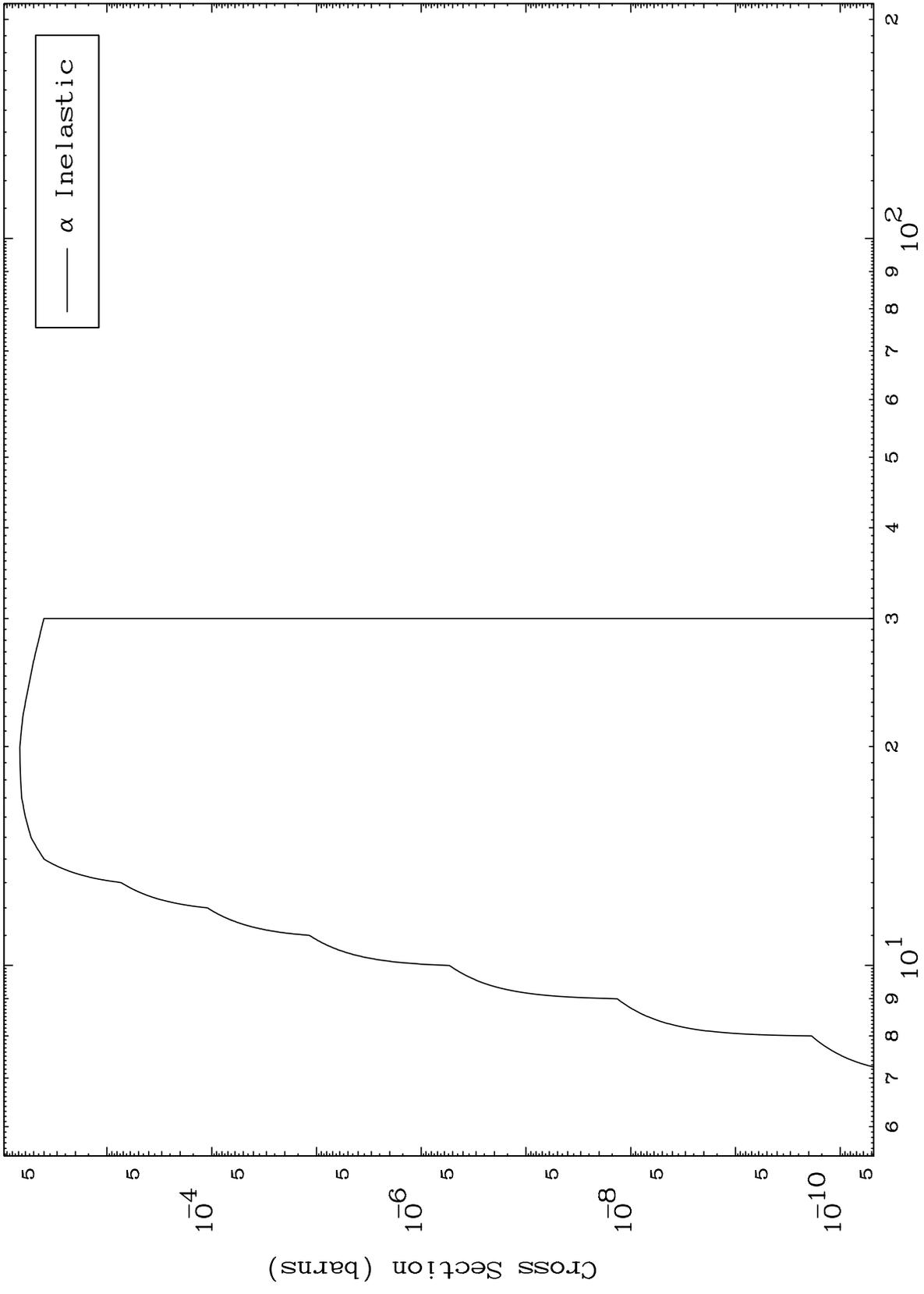
Incident Energy (MeV)

60-Nd-152

MAT 6055

(α, n') Level
0 Kelvin Cross Sections

60-Nd-152



4

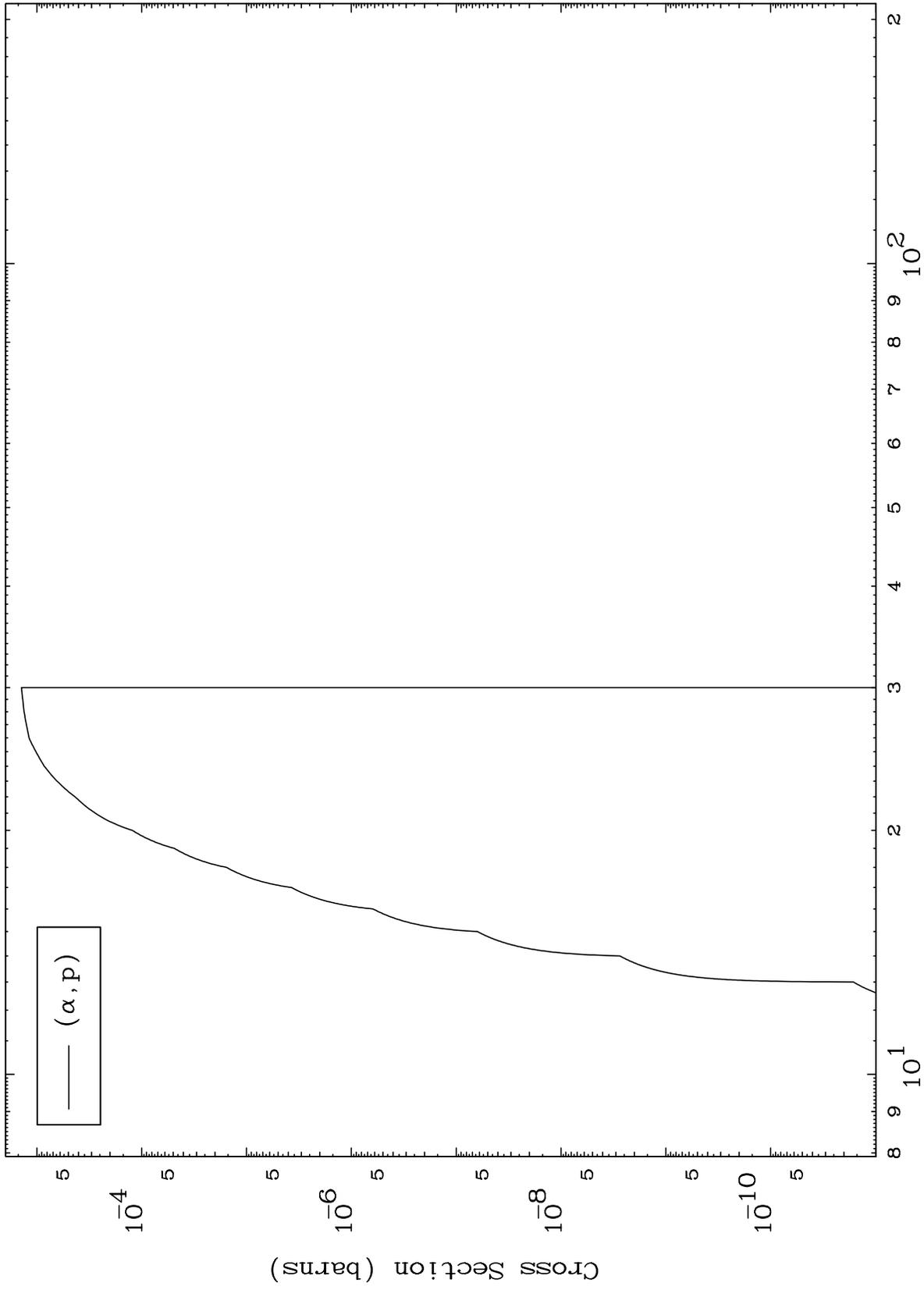
Incident Energy (MeV)

60-Nd-152

MAT 6055

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-152



5

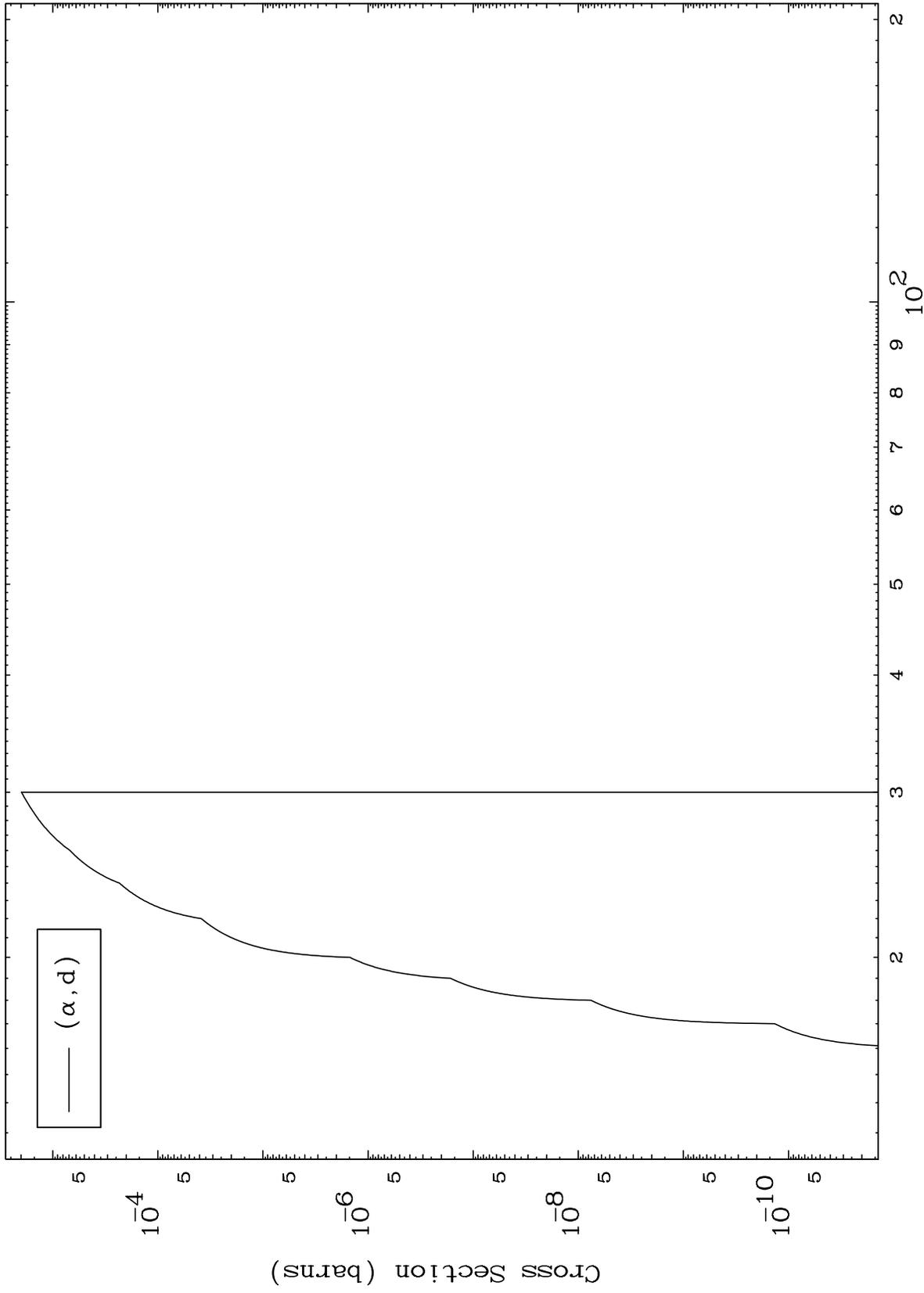
Incident Energy (MeV)

60-Nd-152

MAT 6055

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-152



6

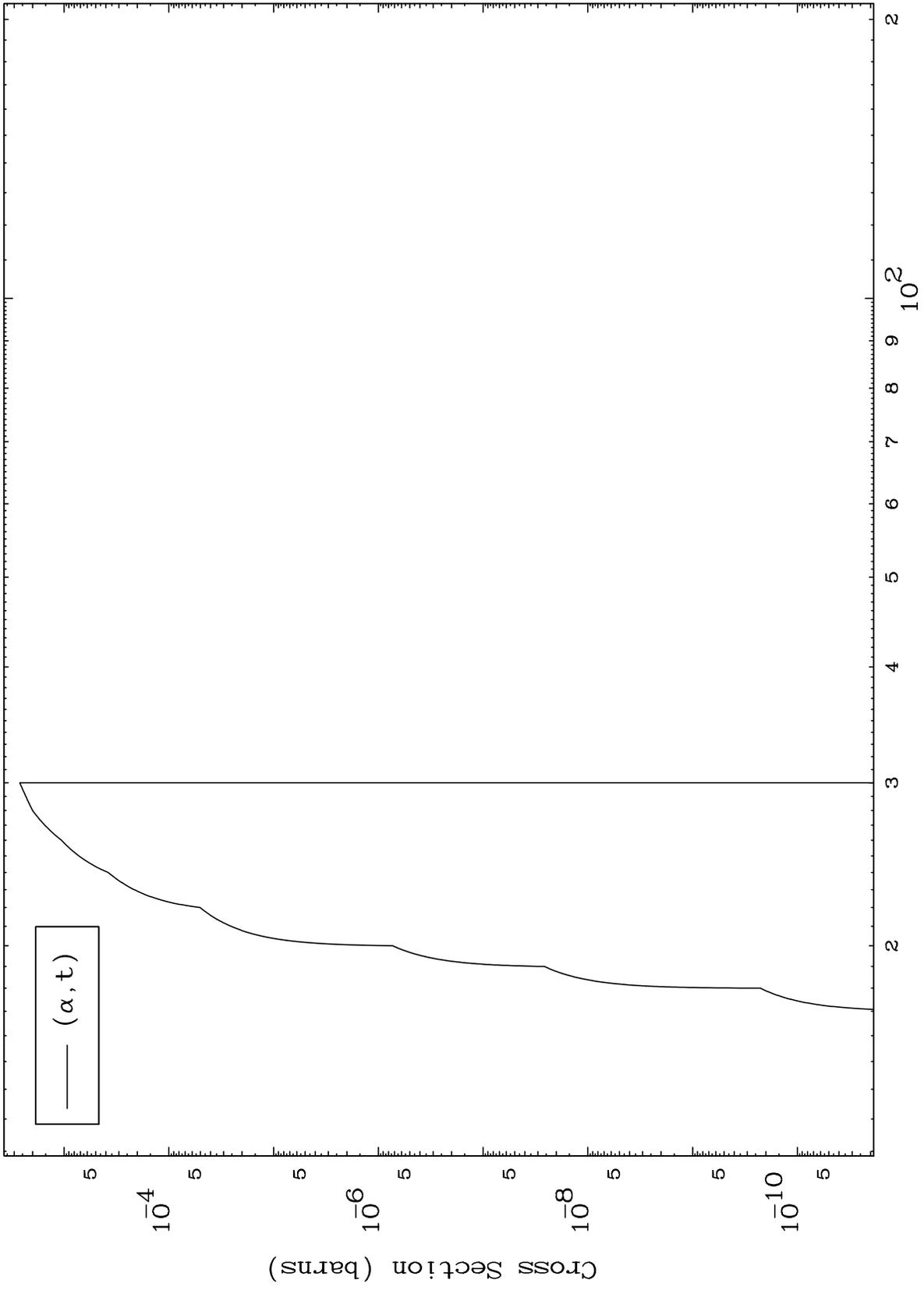
Incident Energy (MeV)

60-Nd-152

MAT 6055

(α, t) Levels
0 Kelvin Cross Sections

60-Nd-152



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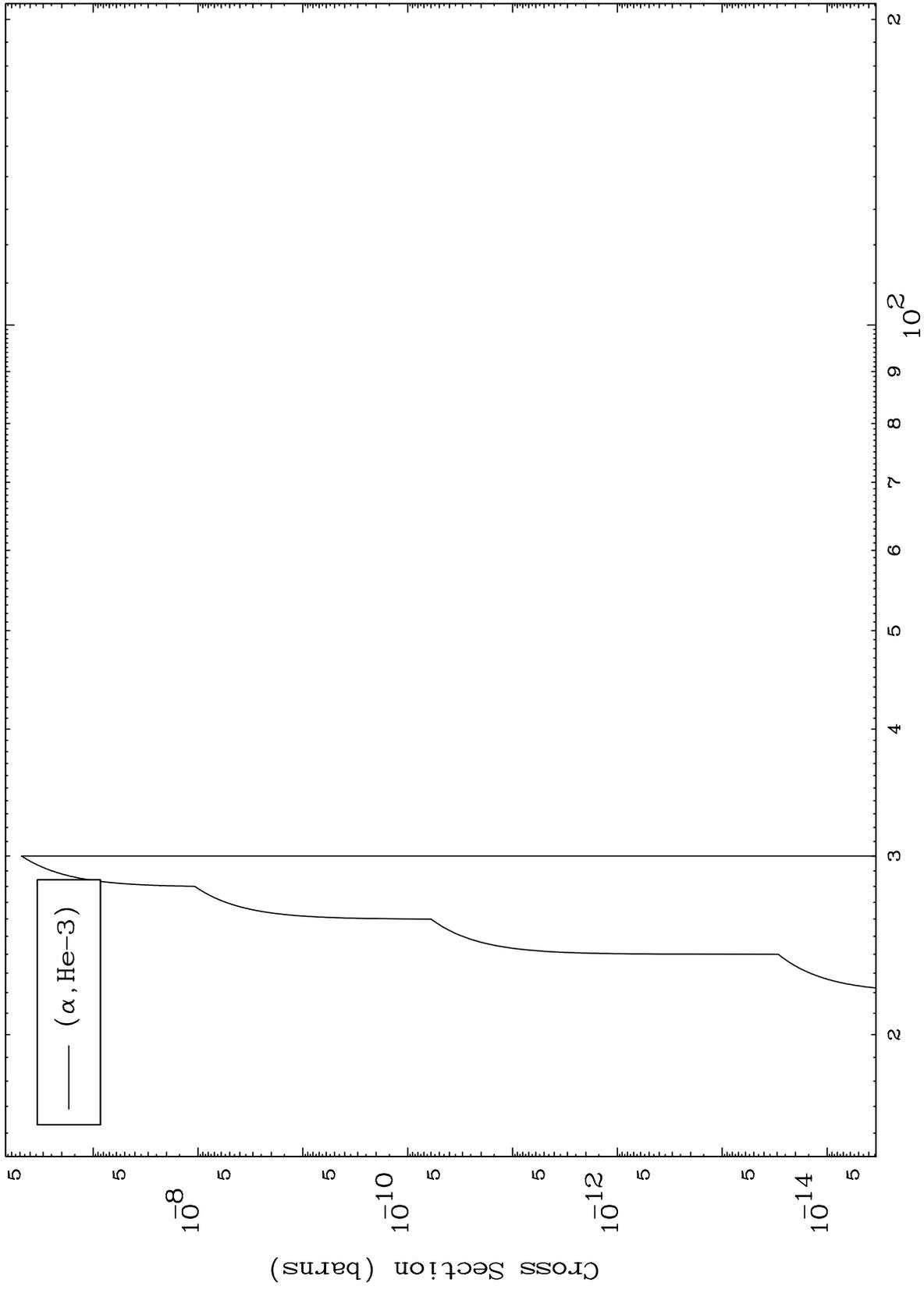
Incident Energy (MeV)

60-Nd-152

MAT 6055

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

60-Nd-152



8

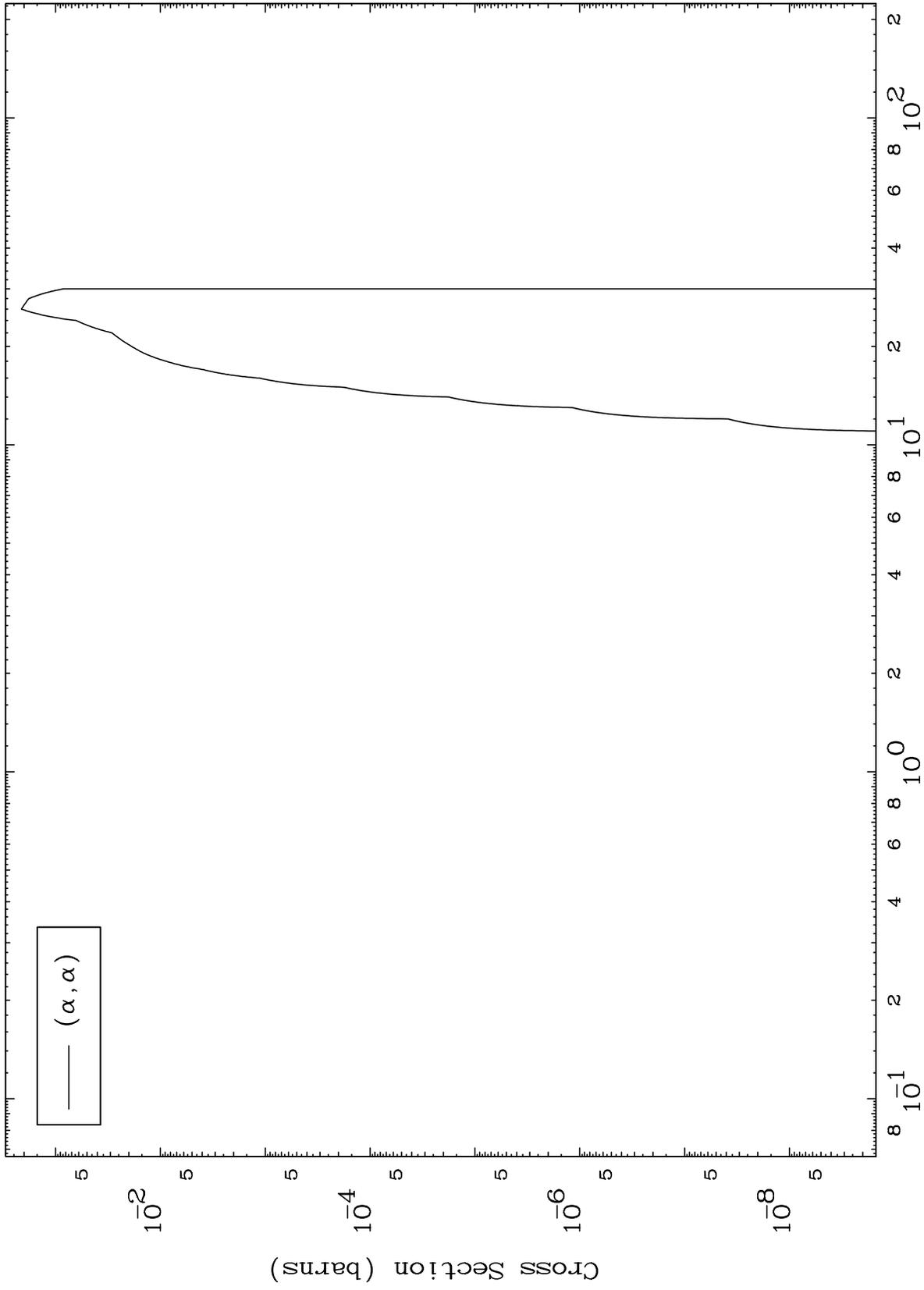
Incident Energy (MeV)

60-Nd-152

MAT 6055

(α, α) Levels
0 Kelvin Cross Sections

60-Nd-152



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Incident Energy (MeV)

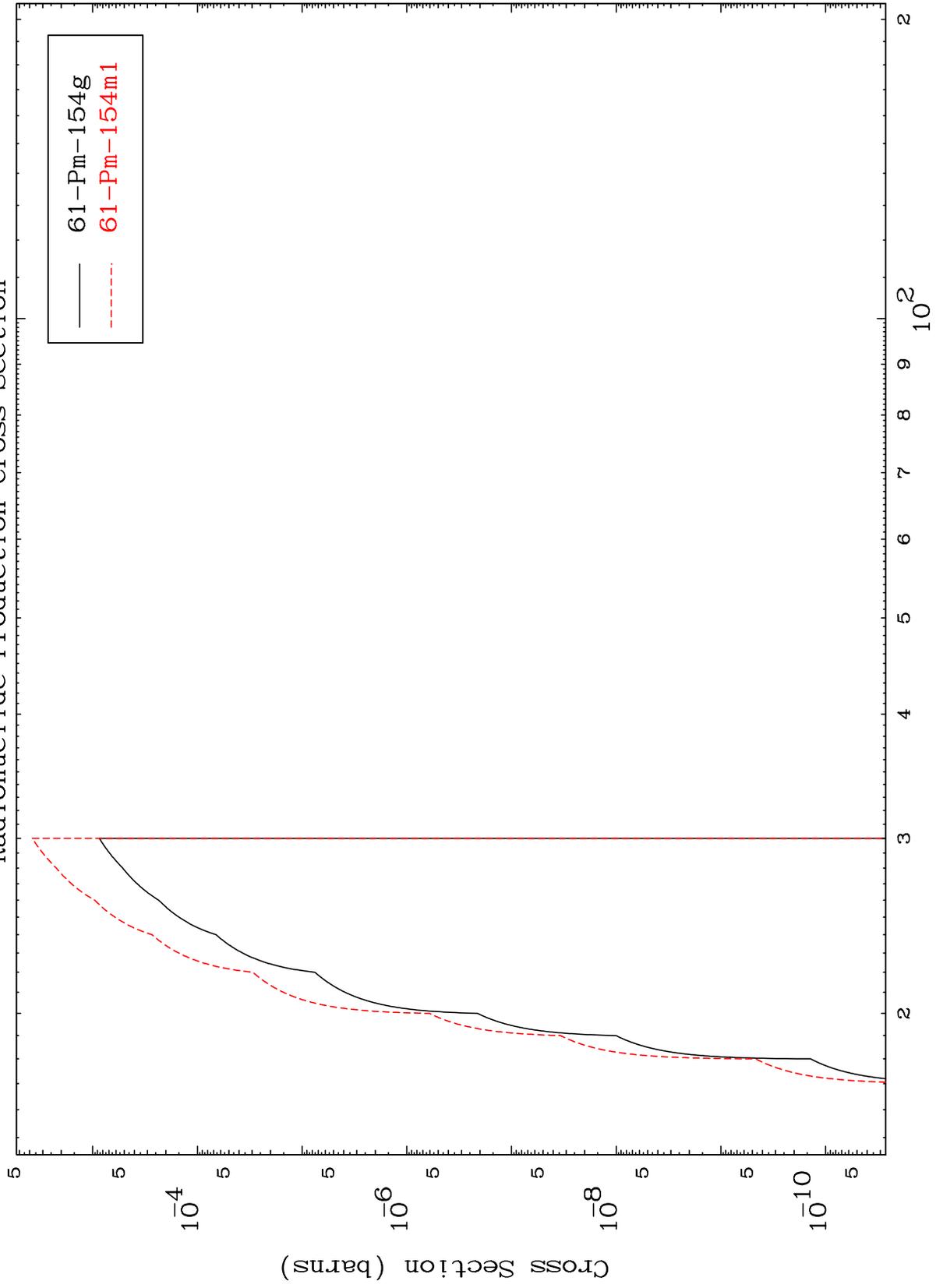
60-Nd-152

MAT 6055

(α, n') p

60-Nd-152

Radionuclide Production Cross Section



10

Incident Energy (MeV)

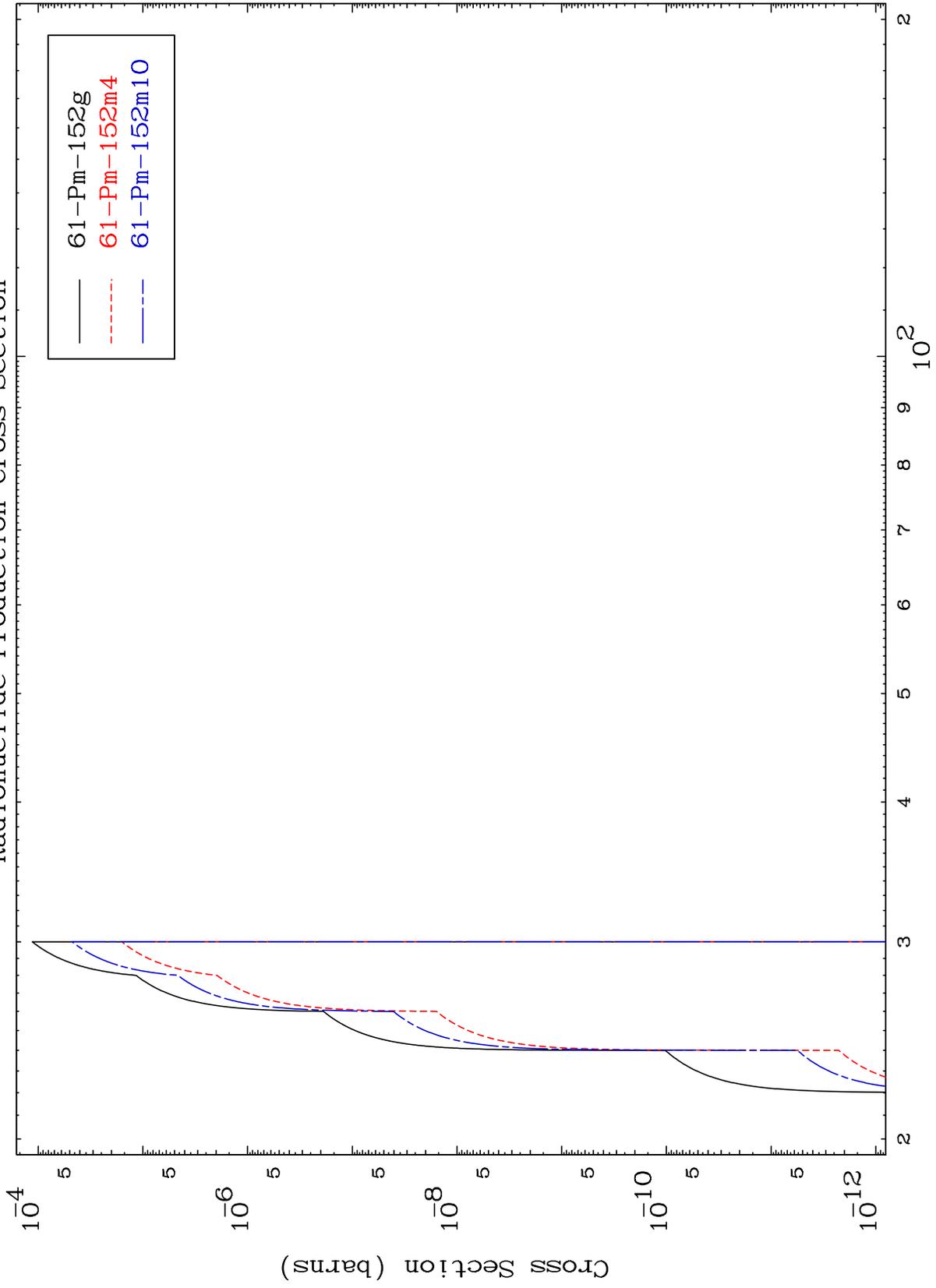
60-Nd-152

MAT 6055

(α, n') t

$^{60}\text{Nd}-^{152}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

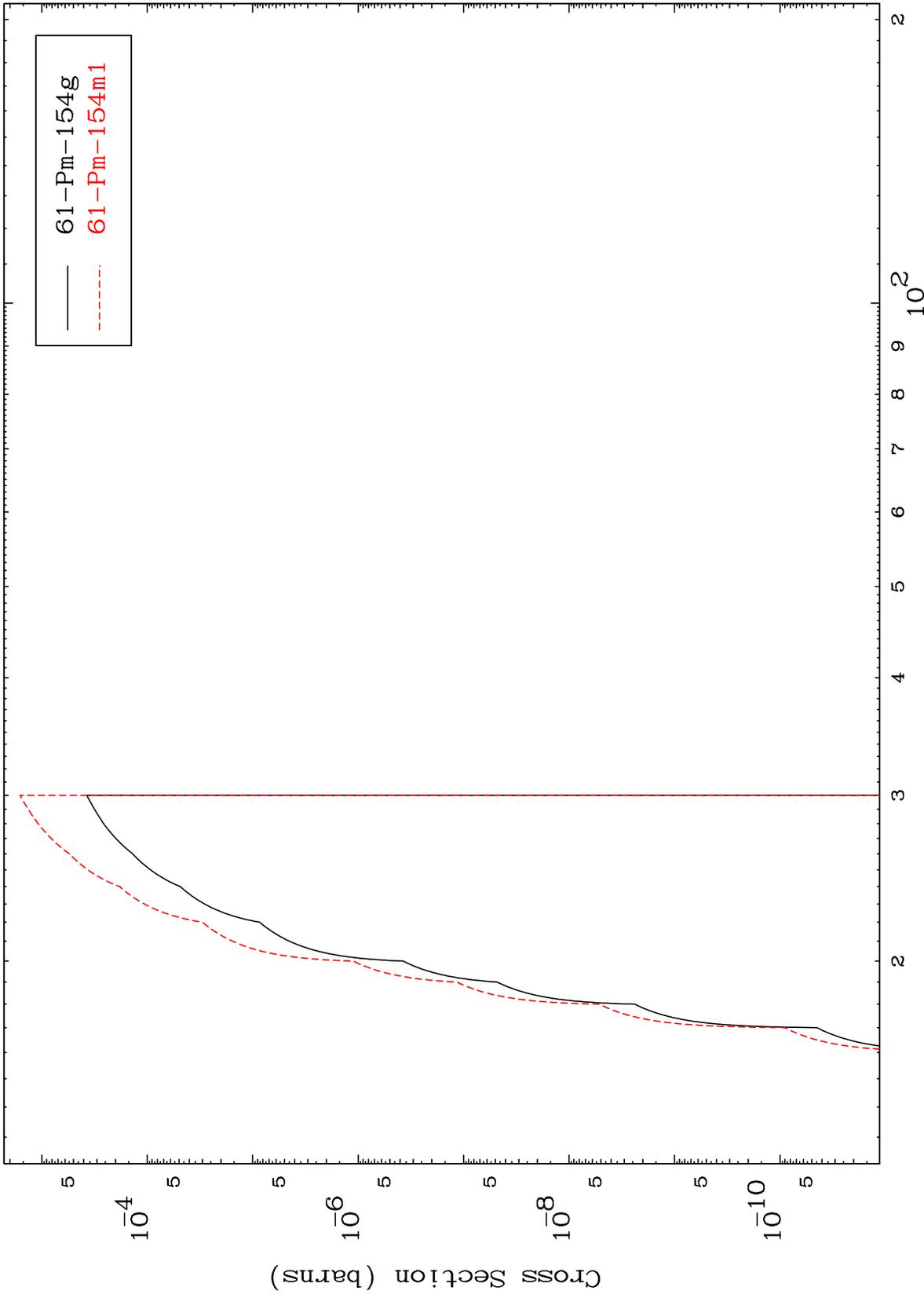
$^{60}\text{Nd}-^{152}$

MAT 6055

(α, d)

$^{60}\text{Nd}-152$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

$^{60}\text{Nd}-152$