

Program EVALPLOT
(Version 2018-1)

by

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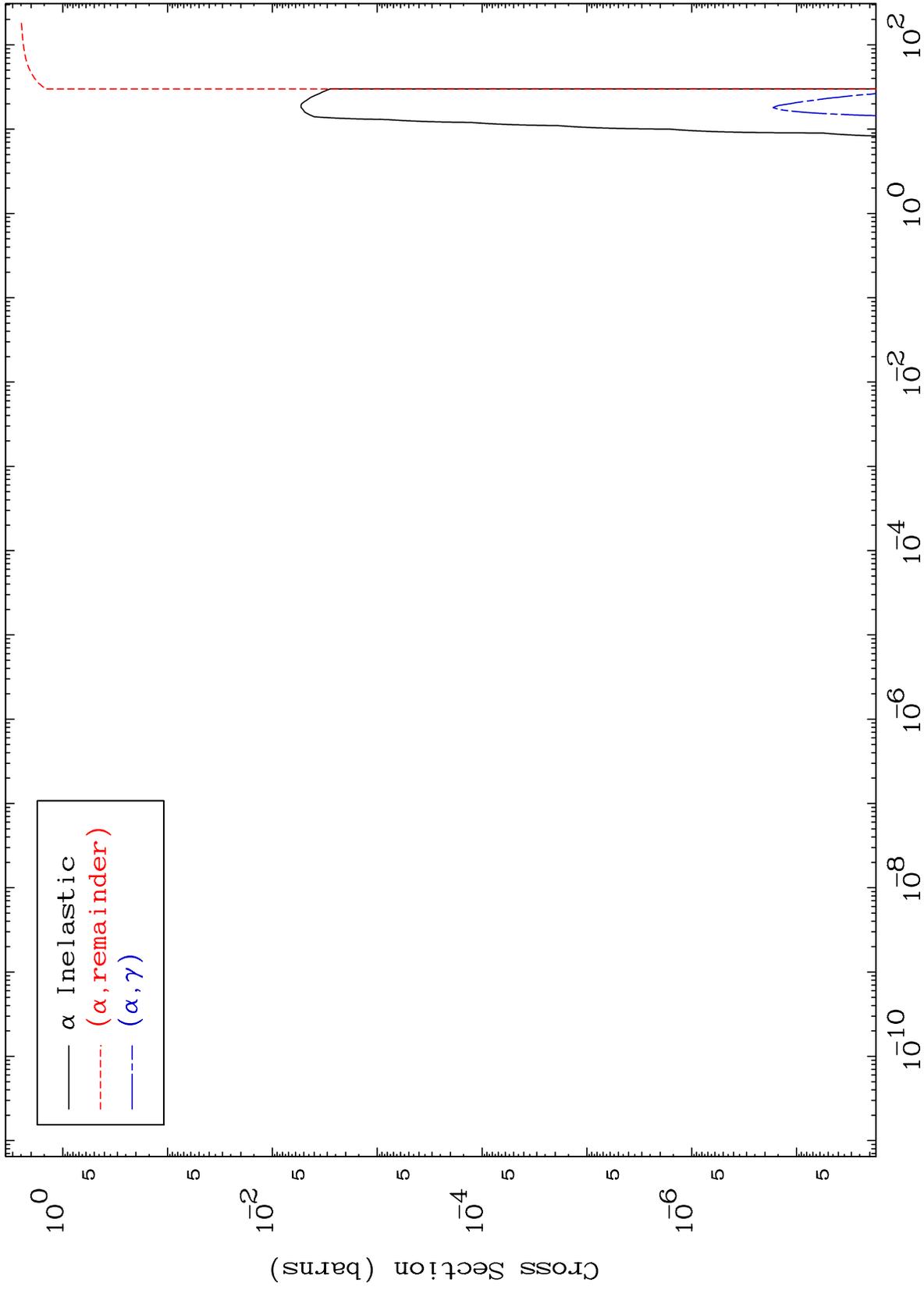
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6061

0 Kelvin α Major
Cross Sections

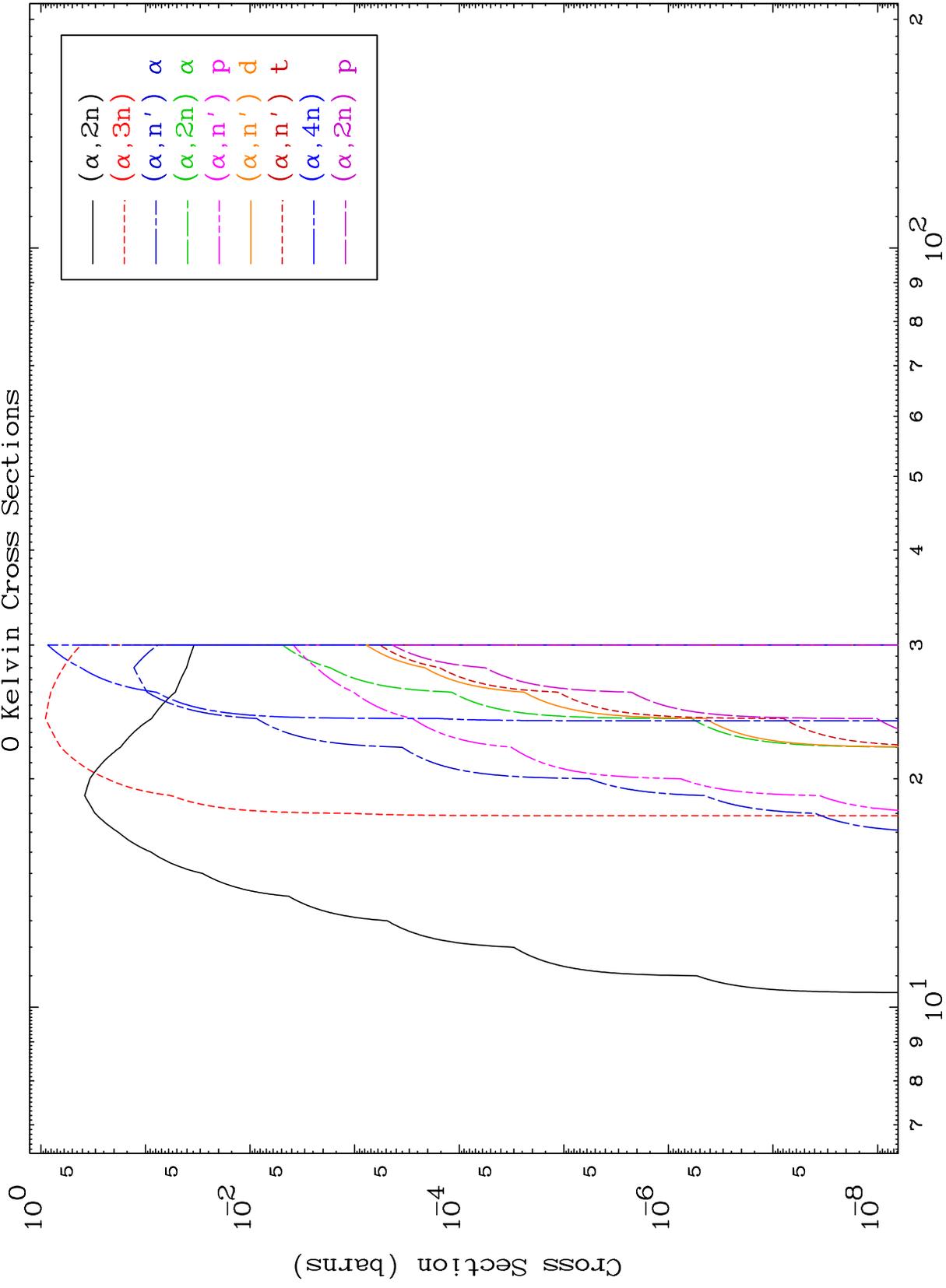
60-Nd-154



MAT 6061

α Neutron Production
0 Kelvin Cross Sections

60-Nd-154



2

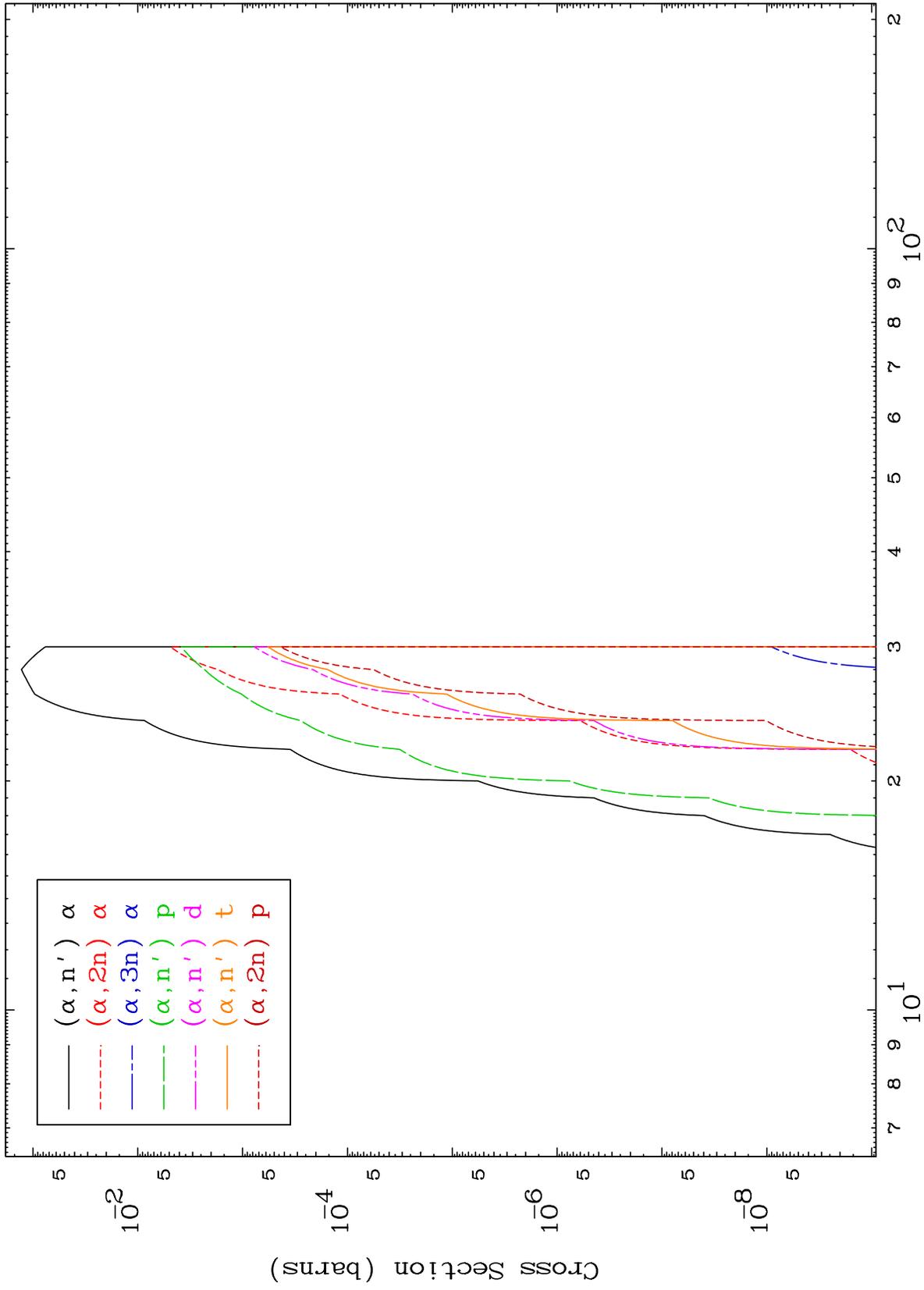
Incident Energy (MeV)

60-Nd-154

MAT 6061

α Charged Particle
0 Kelvin Cross Sections

60-Nd-154



3

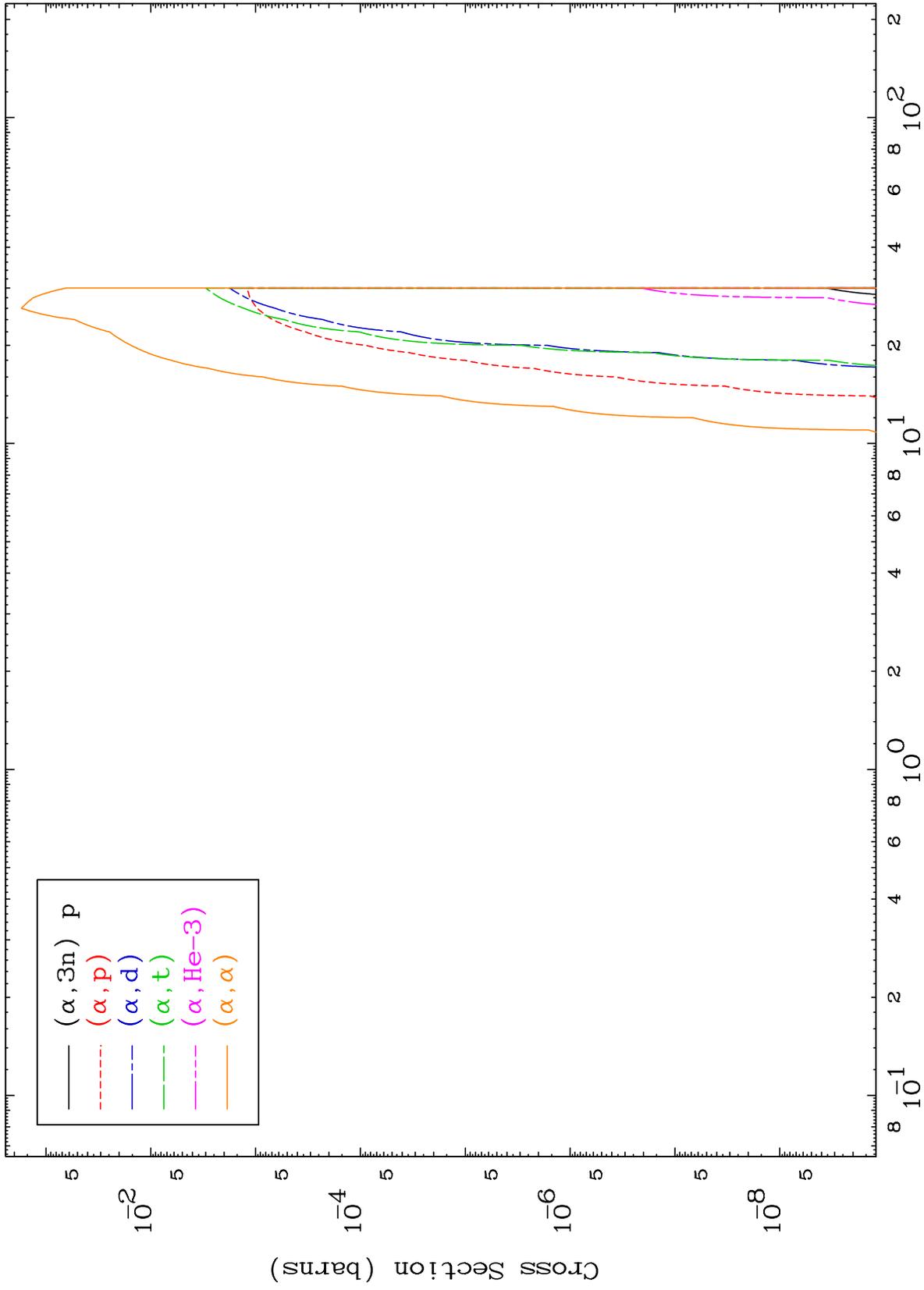
Incident Energy (MeV)

60-Nd-154

MAT 6061

α Charged Particle
0 Kelvin Cross Sections

60-Nd-154



4

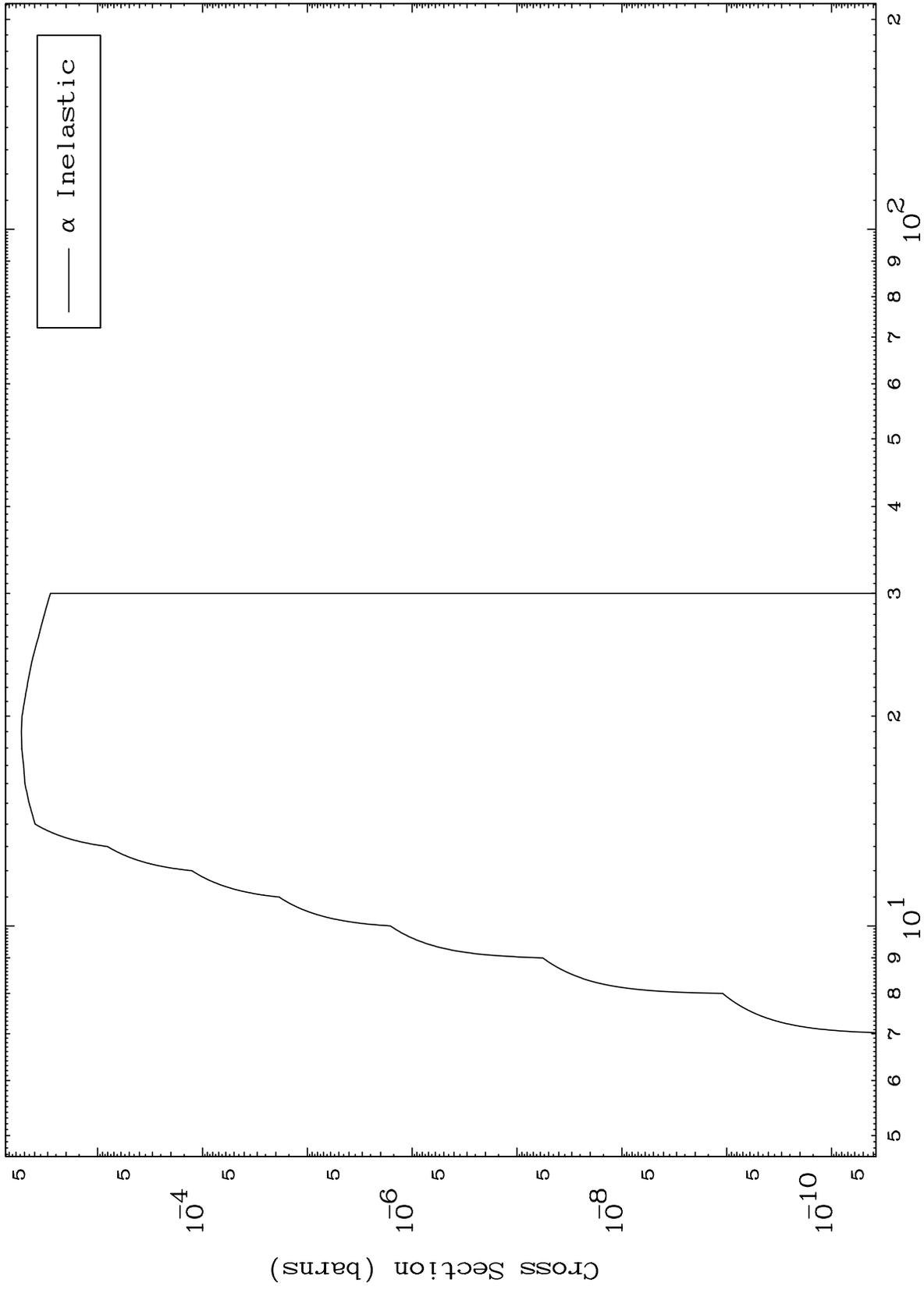
Incident Energy (MeV)

60-Nd-154

MAT 6061

(α, n') Level
0 Kelvin Cross Sections

60-Nd-154



5

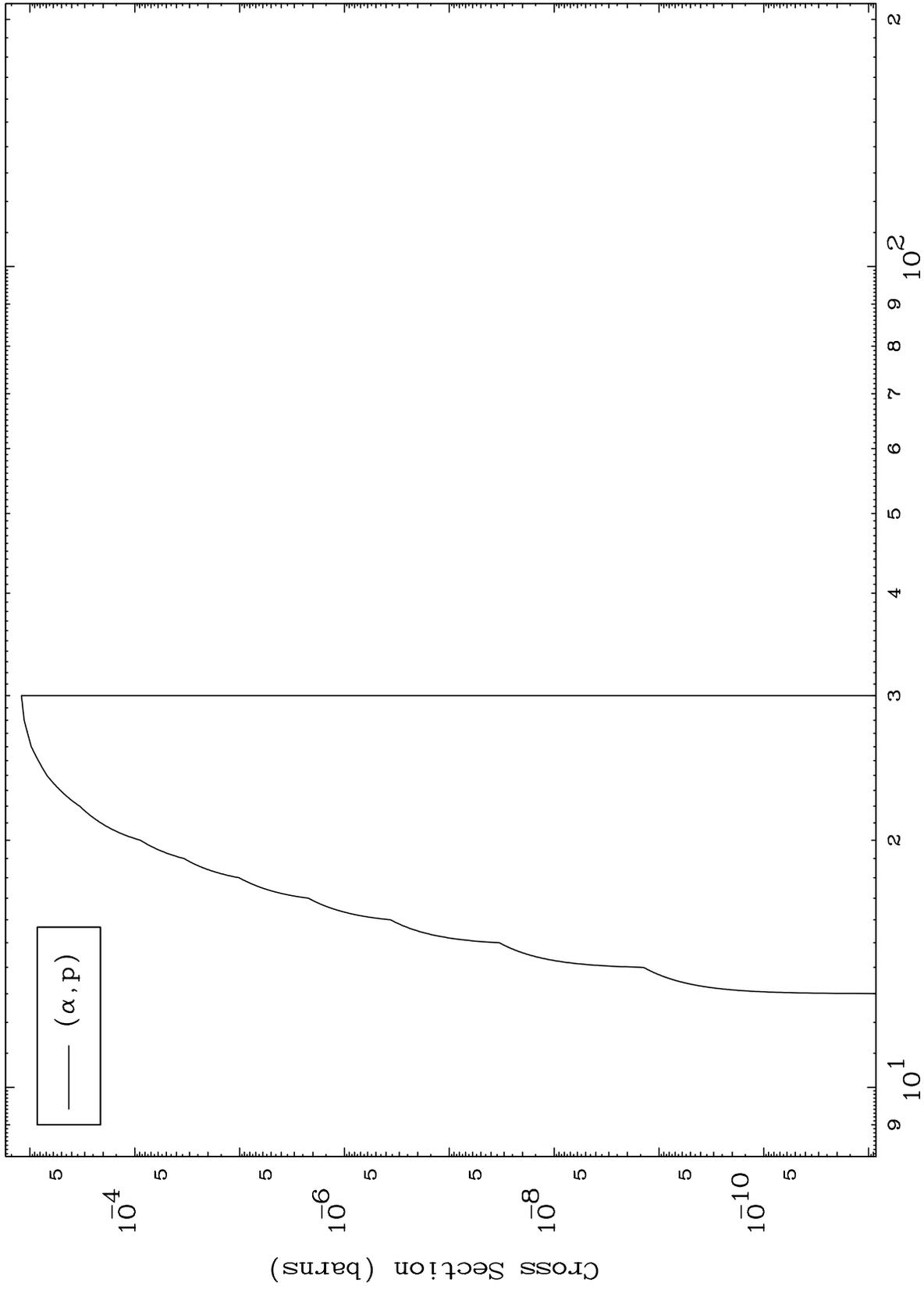
Incident Energy (MeV)

60-Nd-154

MAT 6061

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-154



6

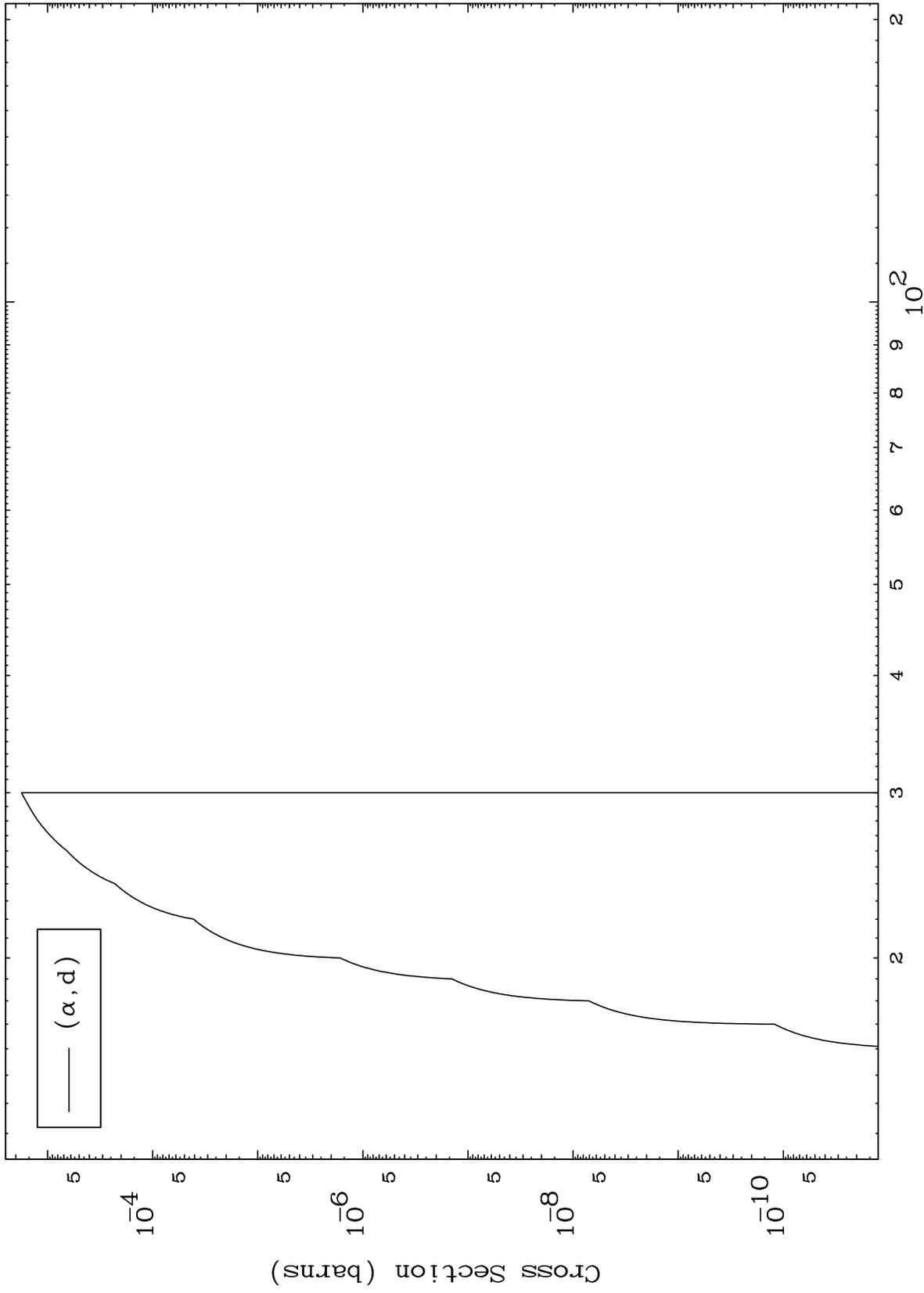
Incident Energy (MeV)

60-Nd-154

MAT 6061

(α, d) Levels
0 Kelvin Cross Sections

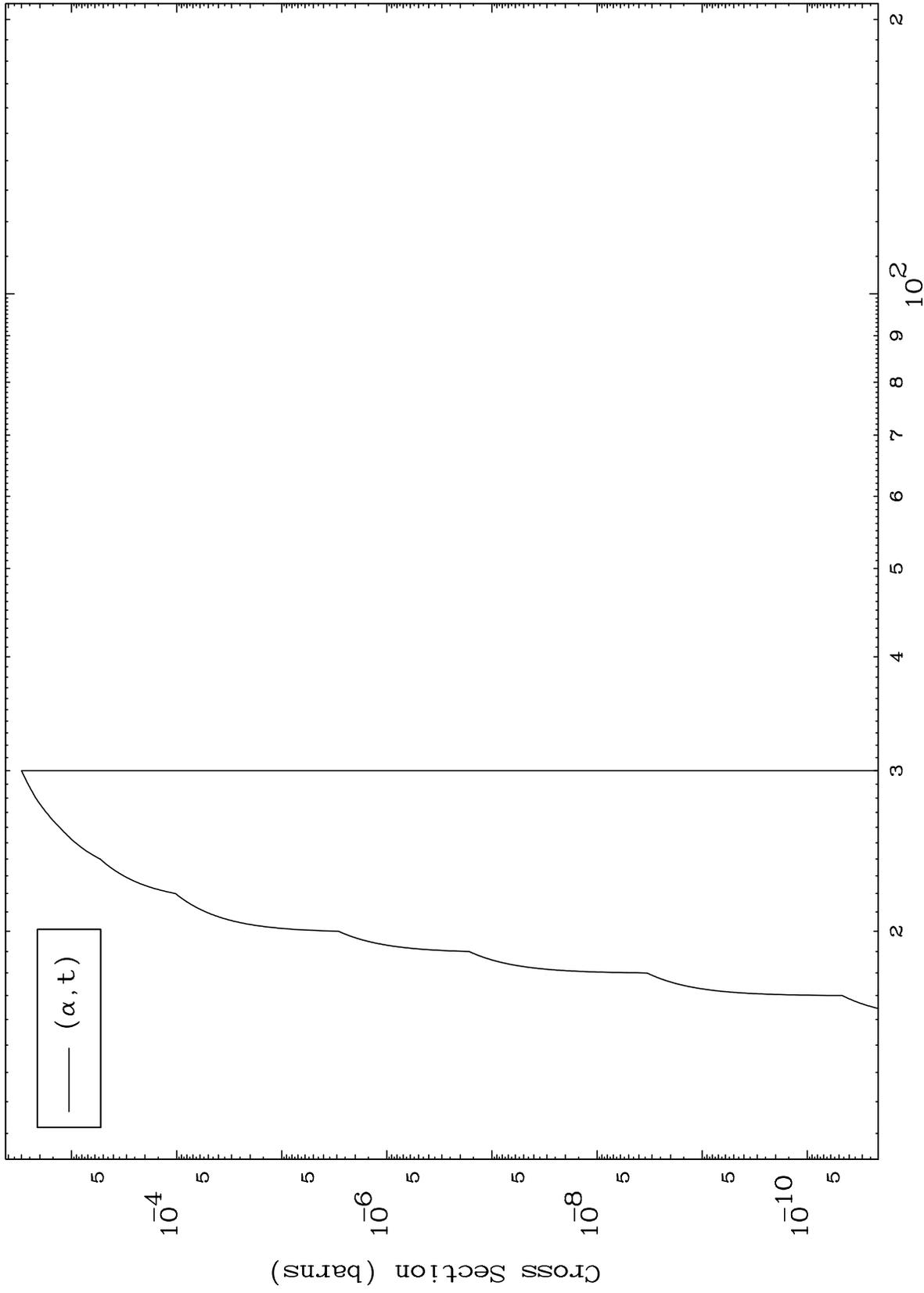
60-Nd-154



MAT 6061

(α, t) Levels
0 Kelvin Cross Sections

60-Nd-154



8

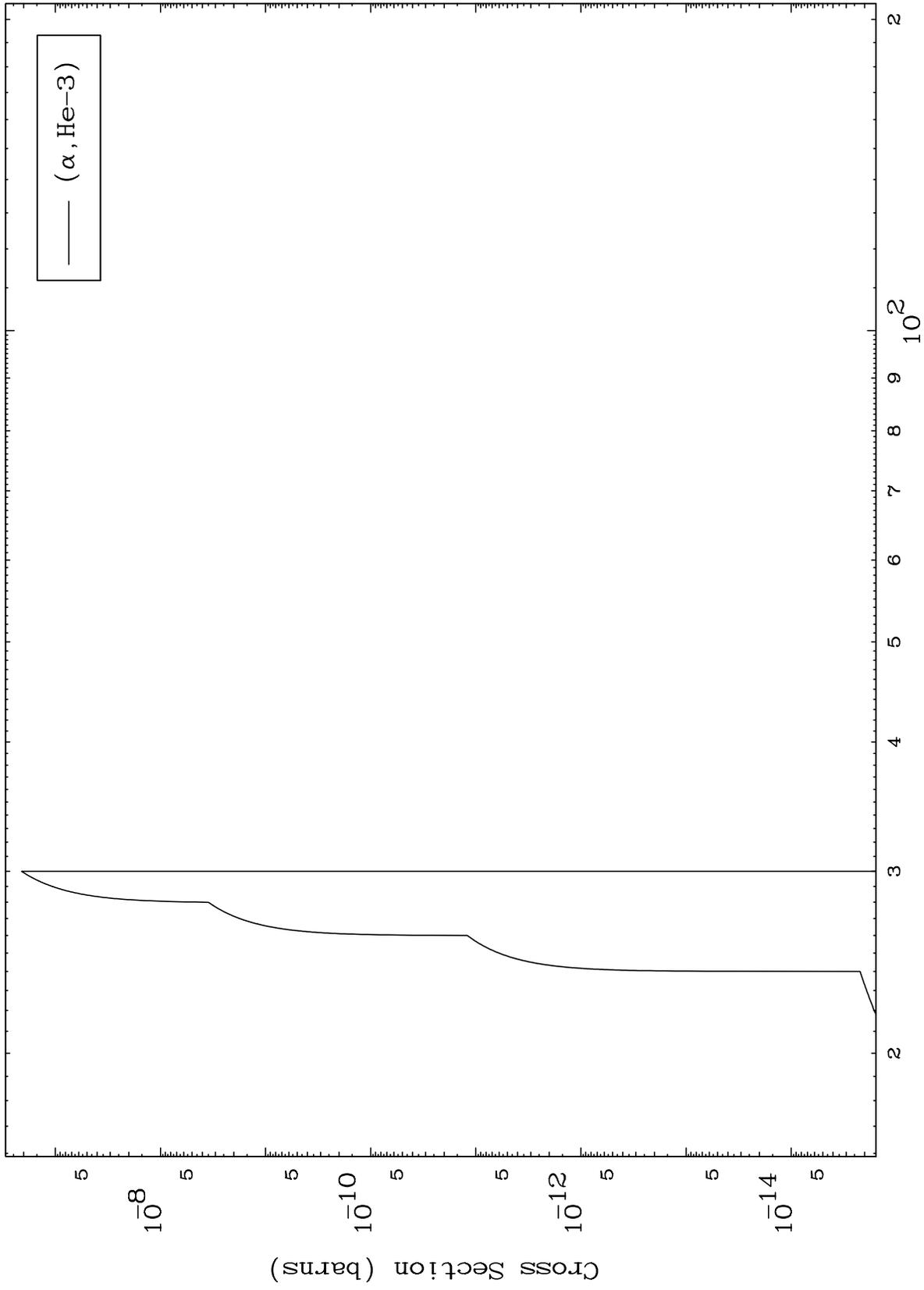
60-Nd-154

60-Nd-154

MAT 6061

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

60-Nd-154



9

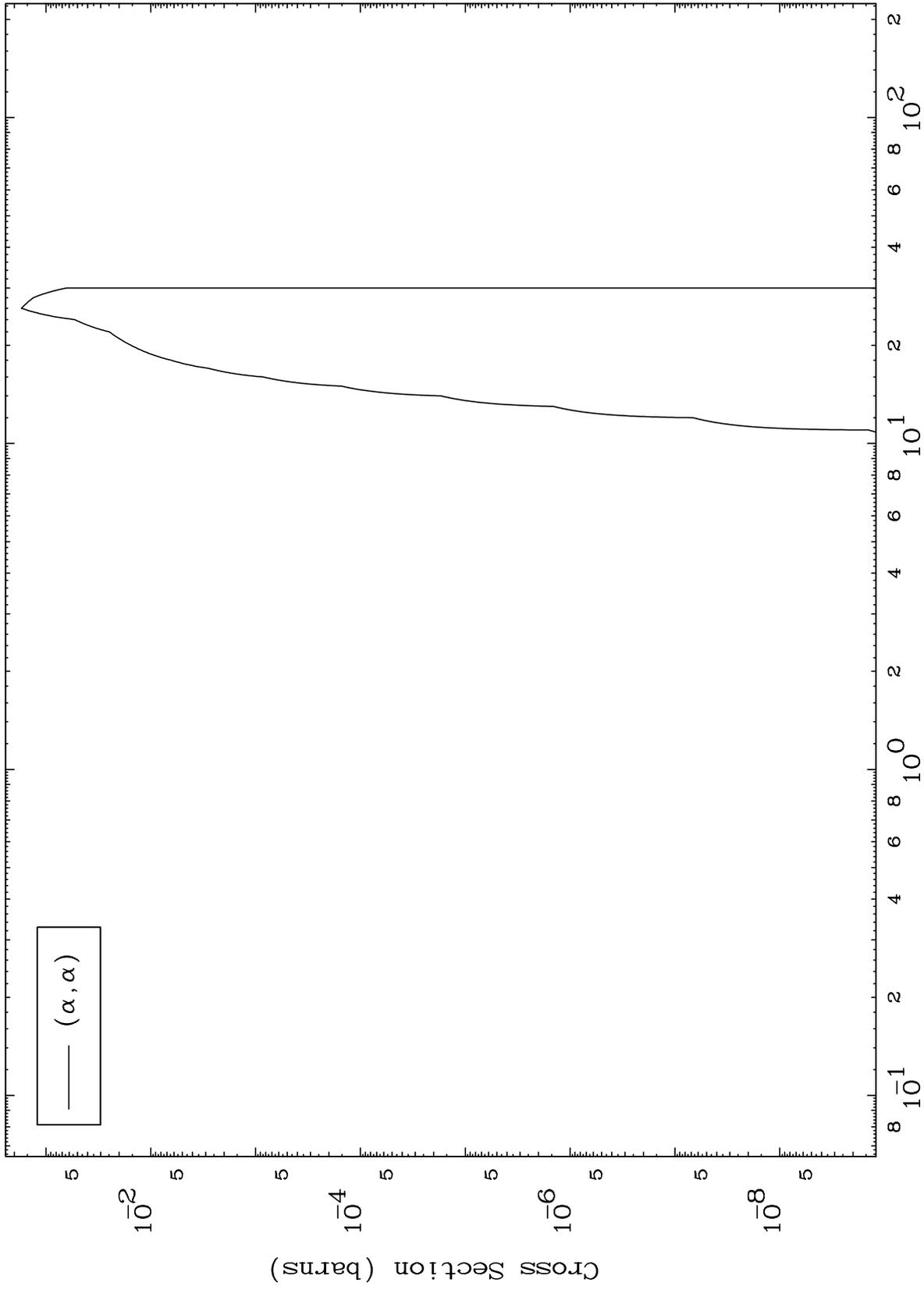
Incident Energy (MeV)

60-Nd-154

MAT 6061

(α, α) Levels
0 Kelvin Cross Sections

60-Nd-154



10

Incident Energy (MeV)

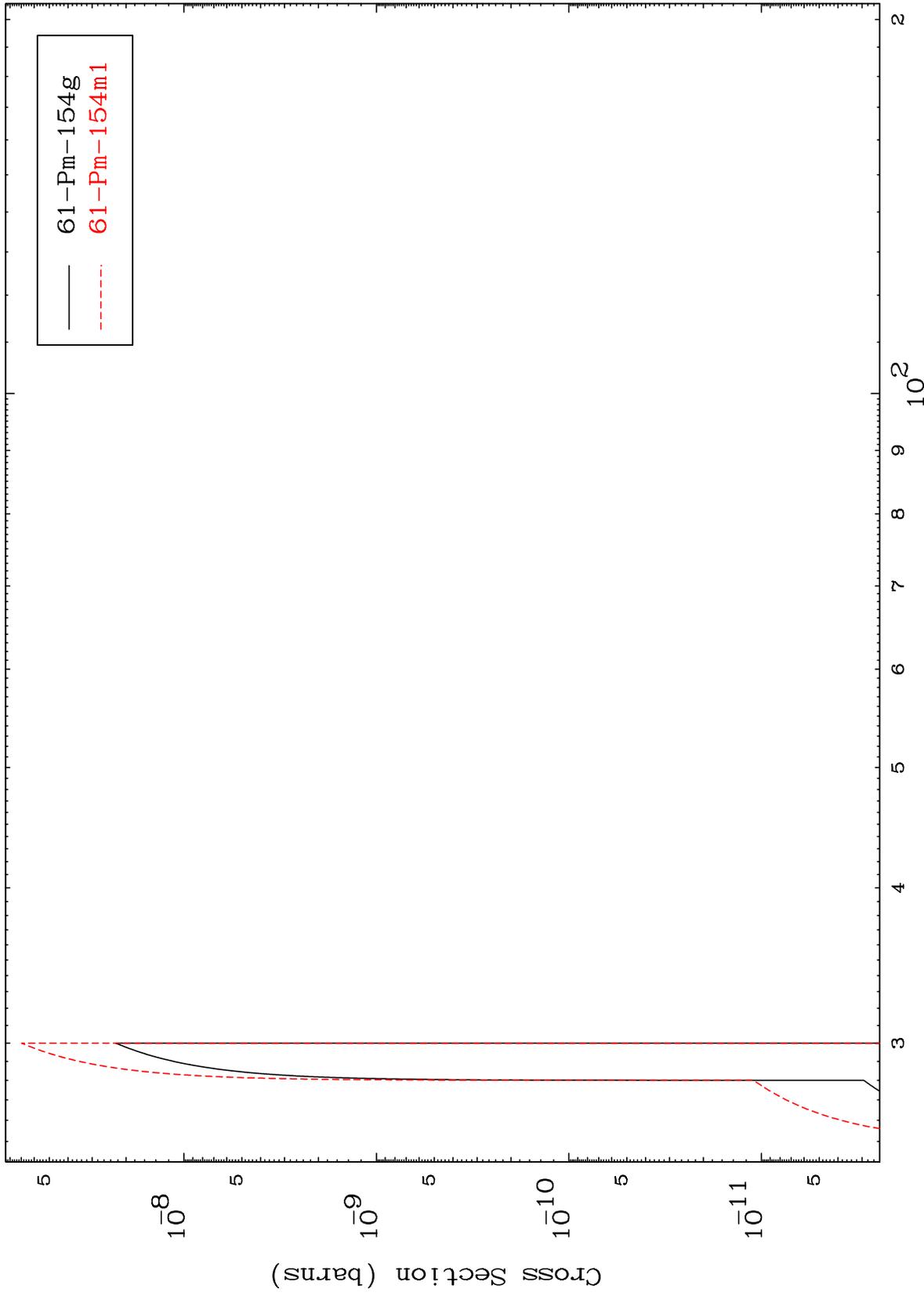
60-Nd-154

MAT 6061

($\alpha, 2n$) d

$^{60}\text{Nd}-154$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

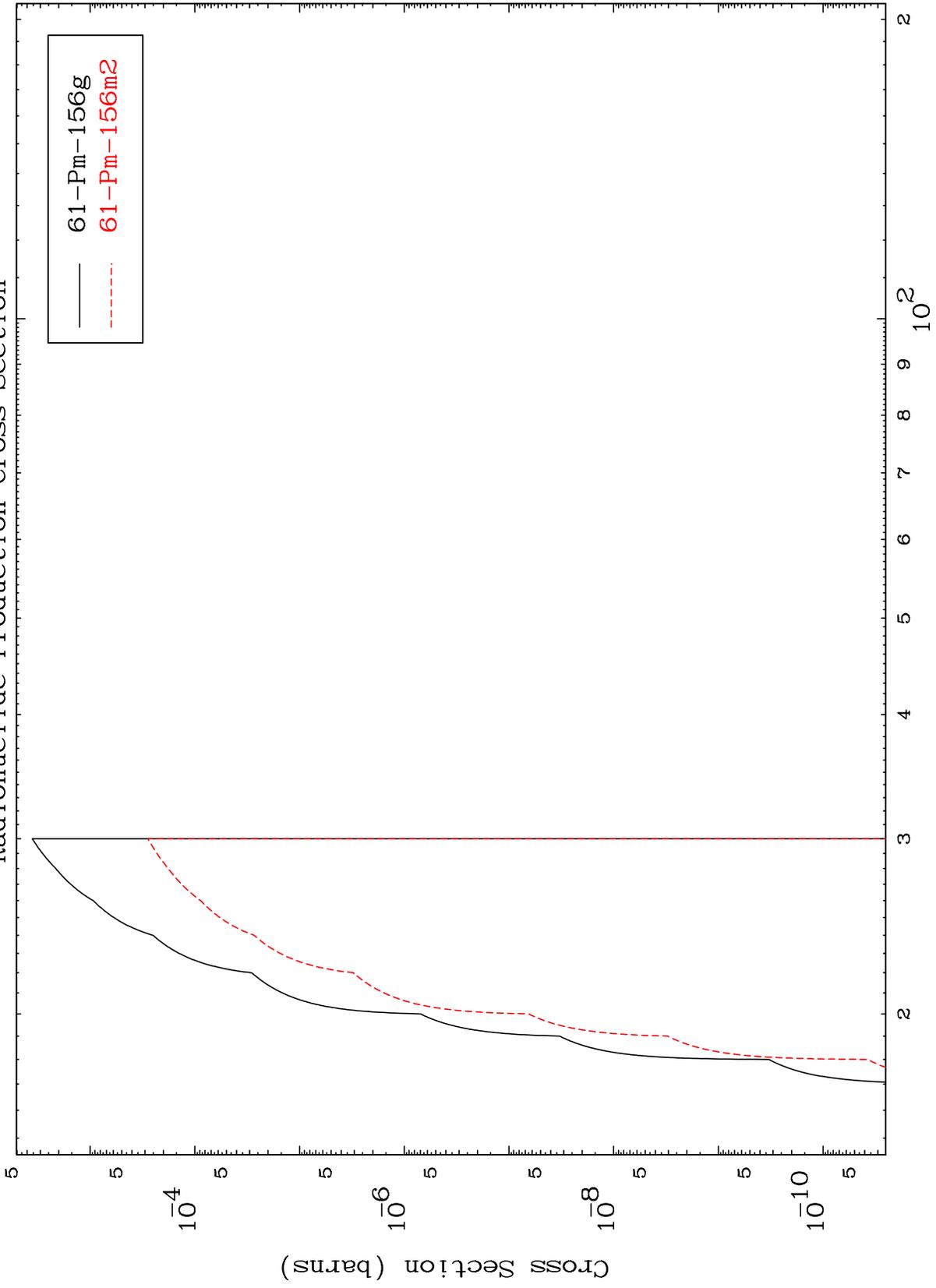
$^{60}\text{Nd}-154$

MAT 6061

(α, n') p

$^{60}\text{Nd}-^{154}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

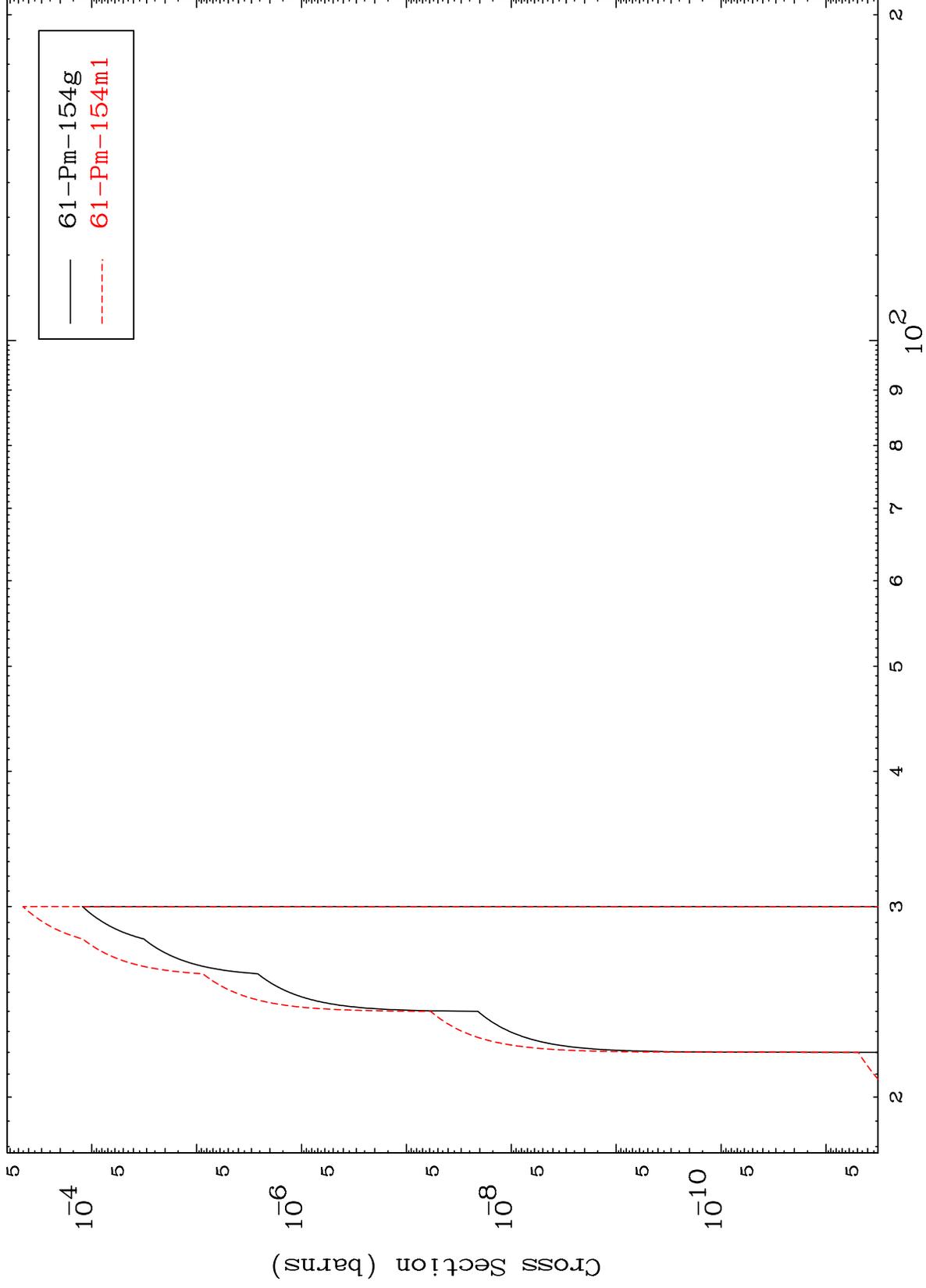
$^{60}\text{Nd}-^{154}$

MAT 6061

(α, n') t

$^{60}\text{Nd}-^{154}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

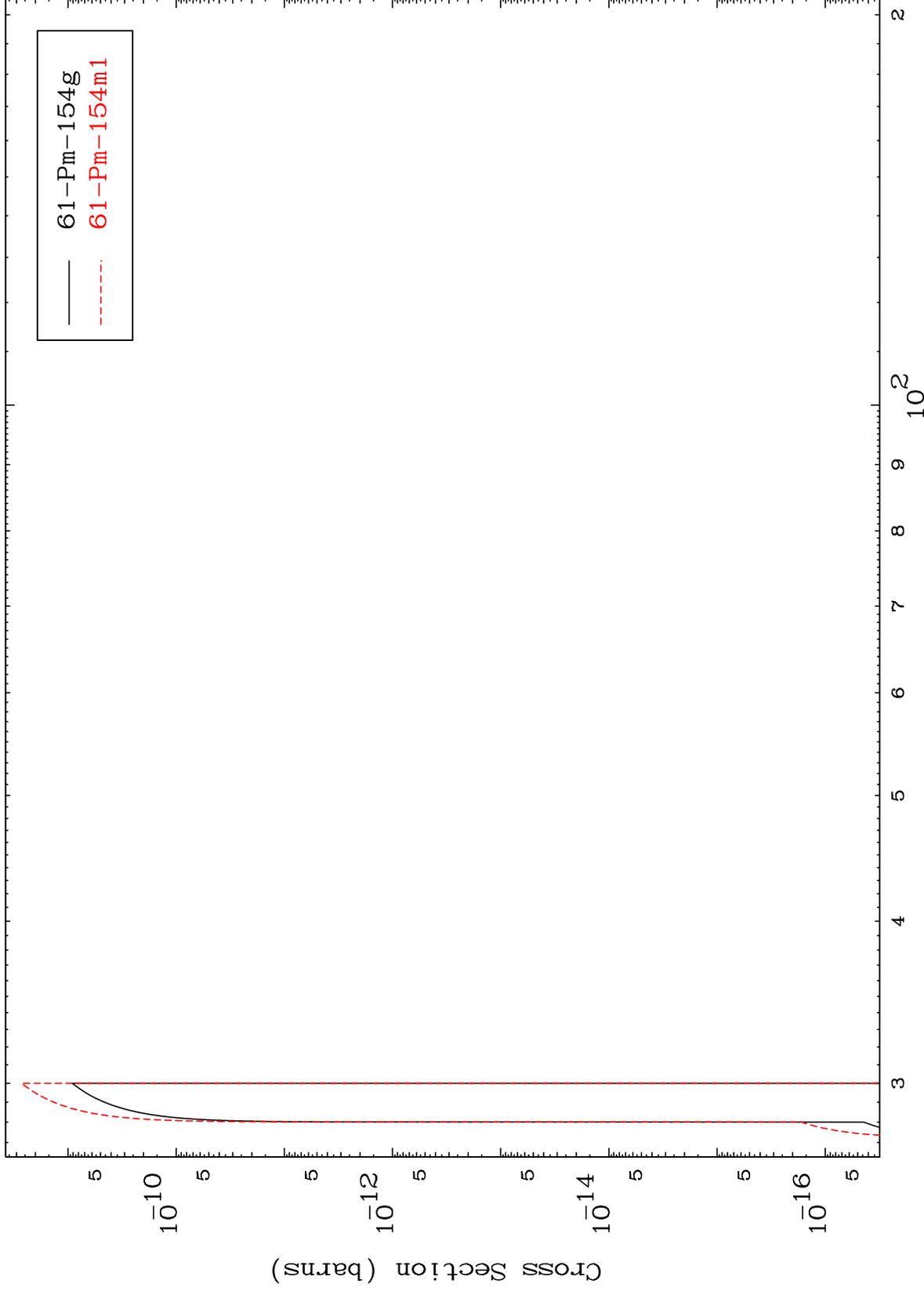
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MAT 6061

$(\alpha, 3n)$ p

$^{60}\text{Nd}-154$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

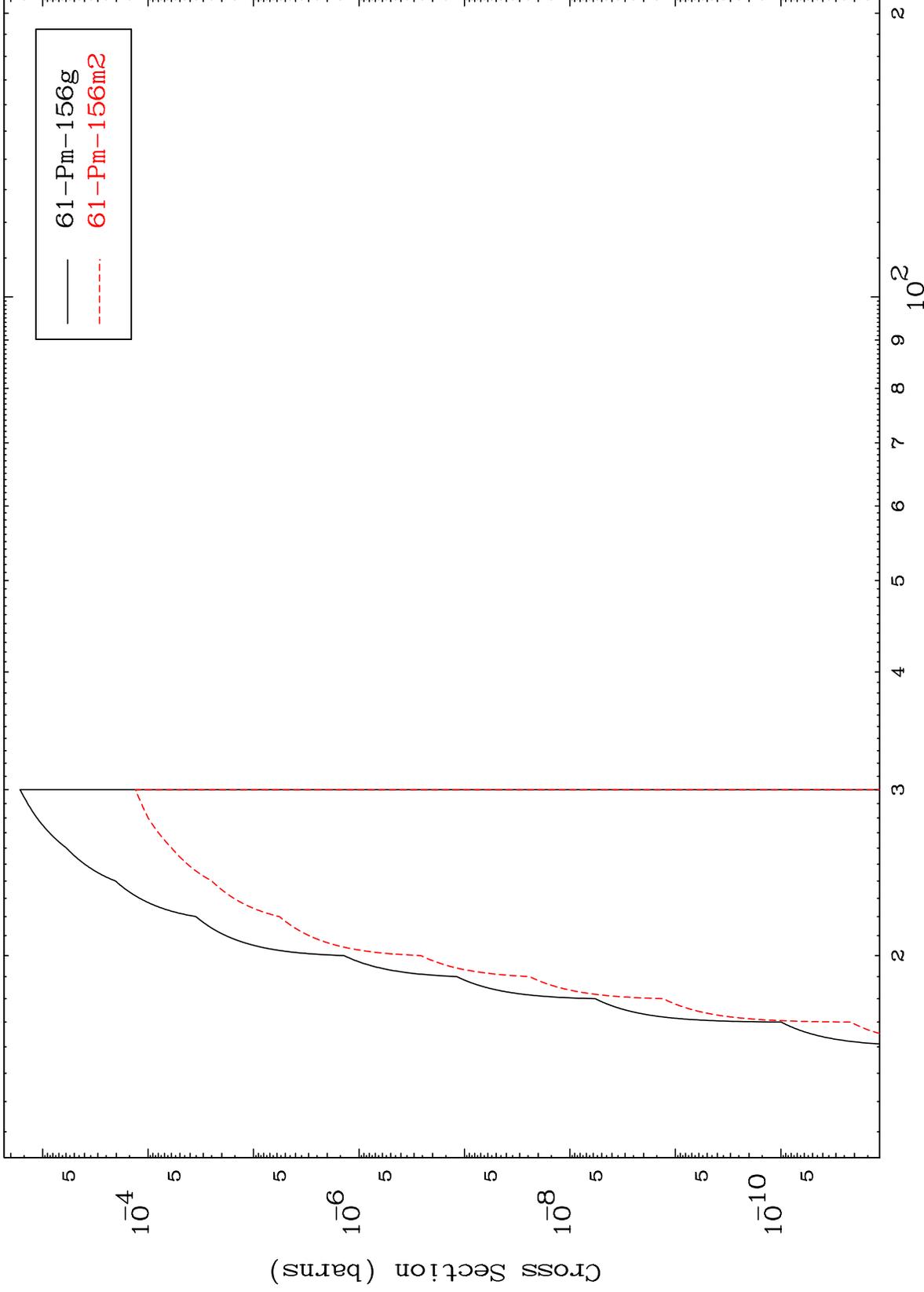
$^{60}\text{Nd}-154$

MAT 6061

(α, d)

$^{60}\text{Nd}-^{154}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{60}\text{Nd}-^{154}$