

Program EVALPLOT
(Version 2018-1)

by

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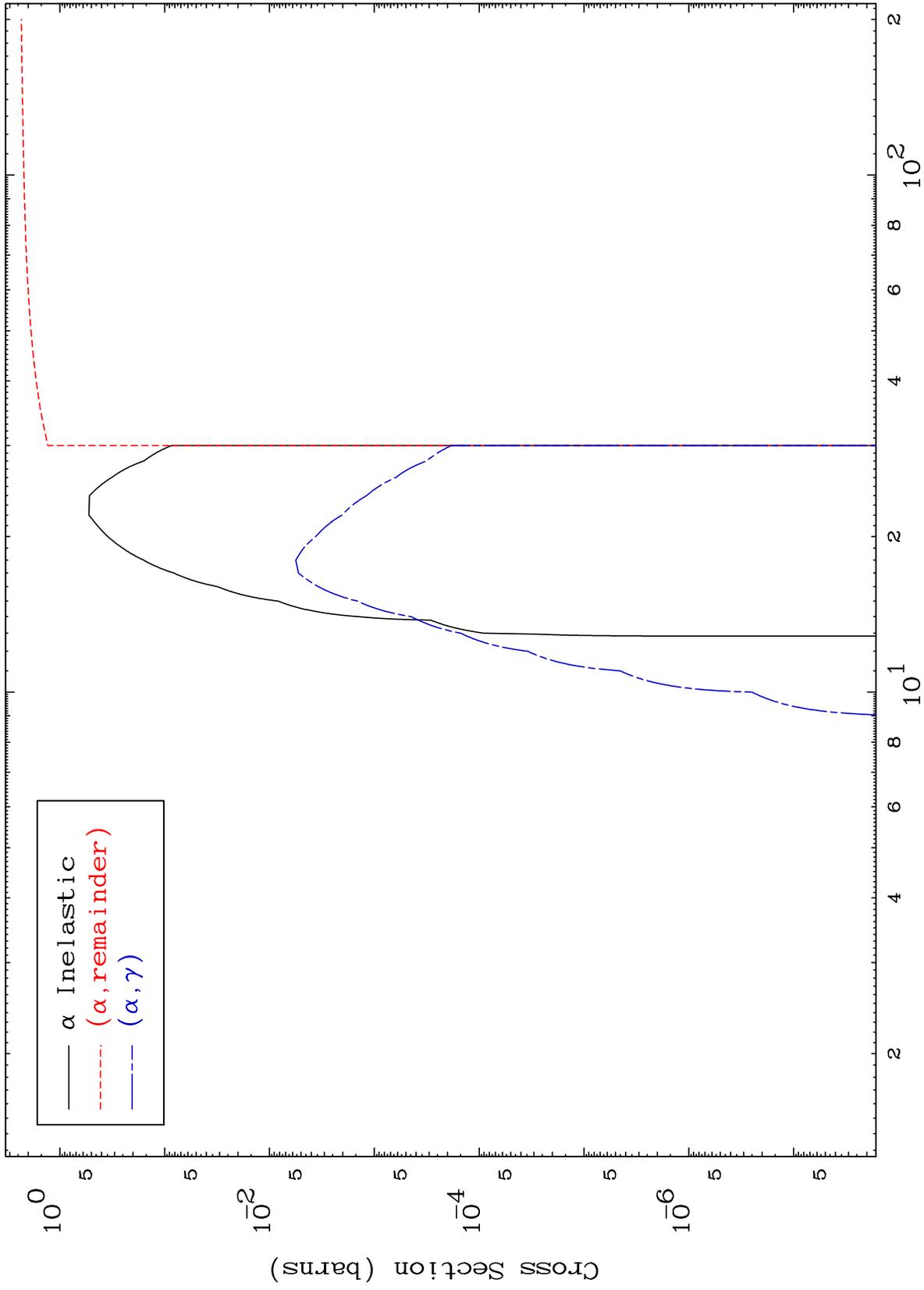
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6007

0 Kelvin α Major
Cross Sections

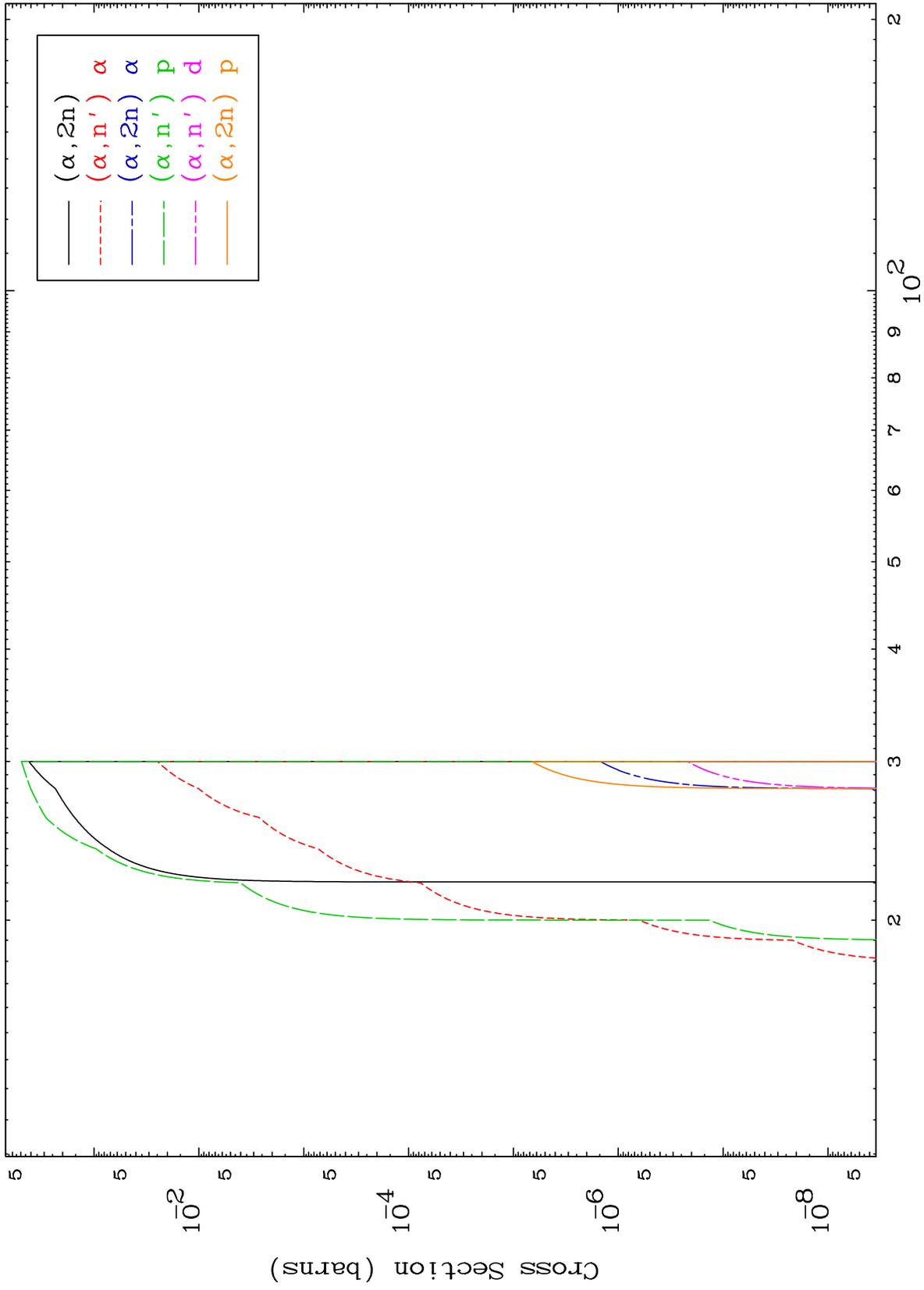
60-Nd-136



MAT 6007

α Neutron Production
0 Kelvin Cross Sections

60-Nd-136



2

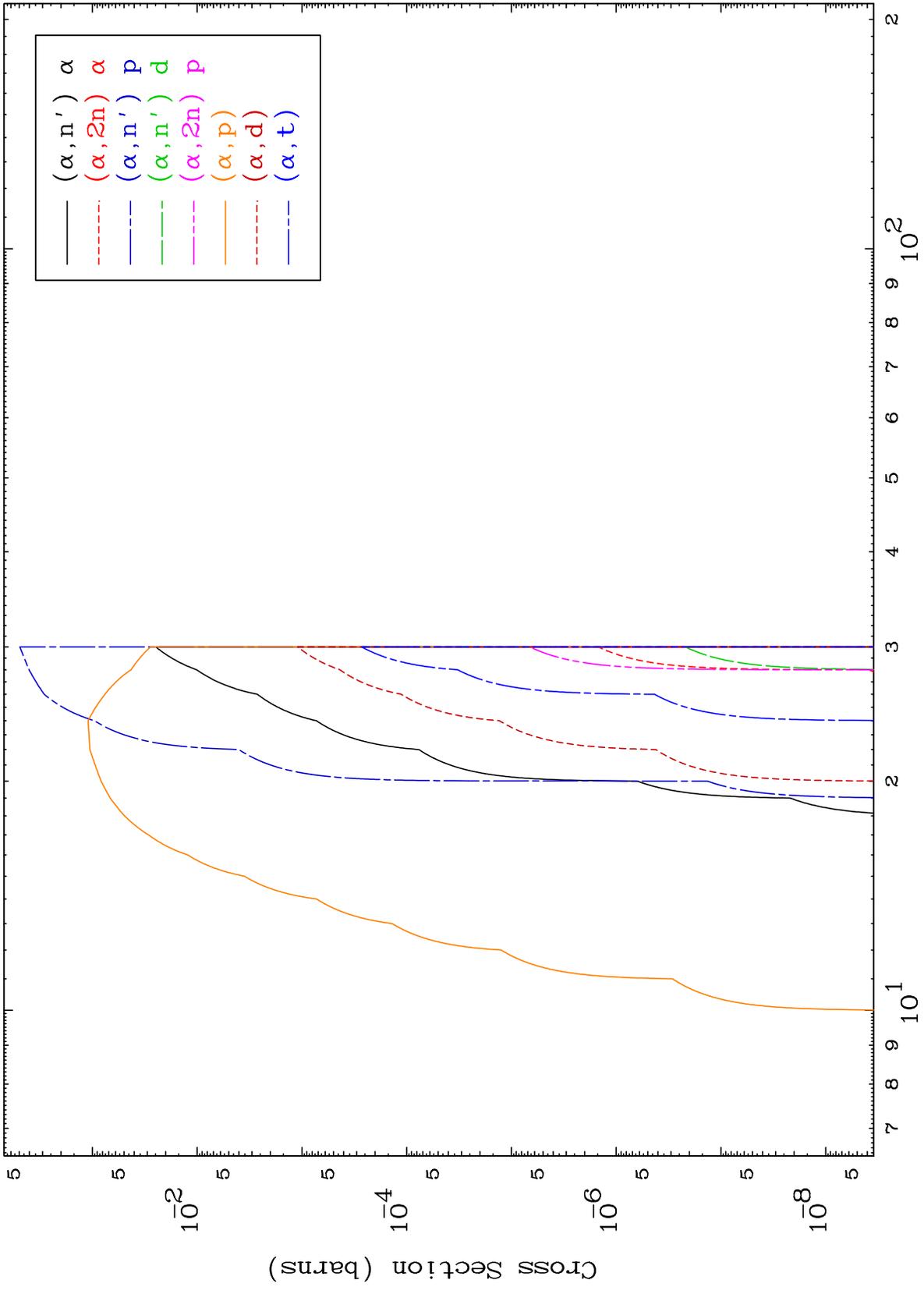
Incident Energy (MeV)

60-Nd-136

MAT 6007

α Charged Particle
0 Kelvin Cross Sections

60-Nd-136



3

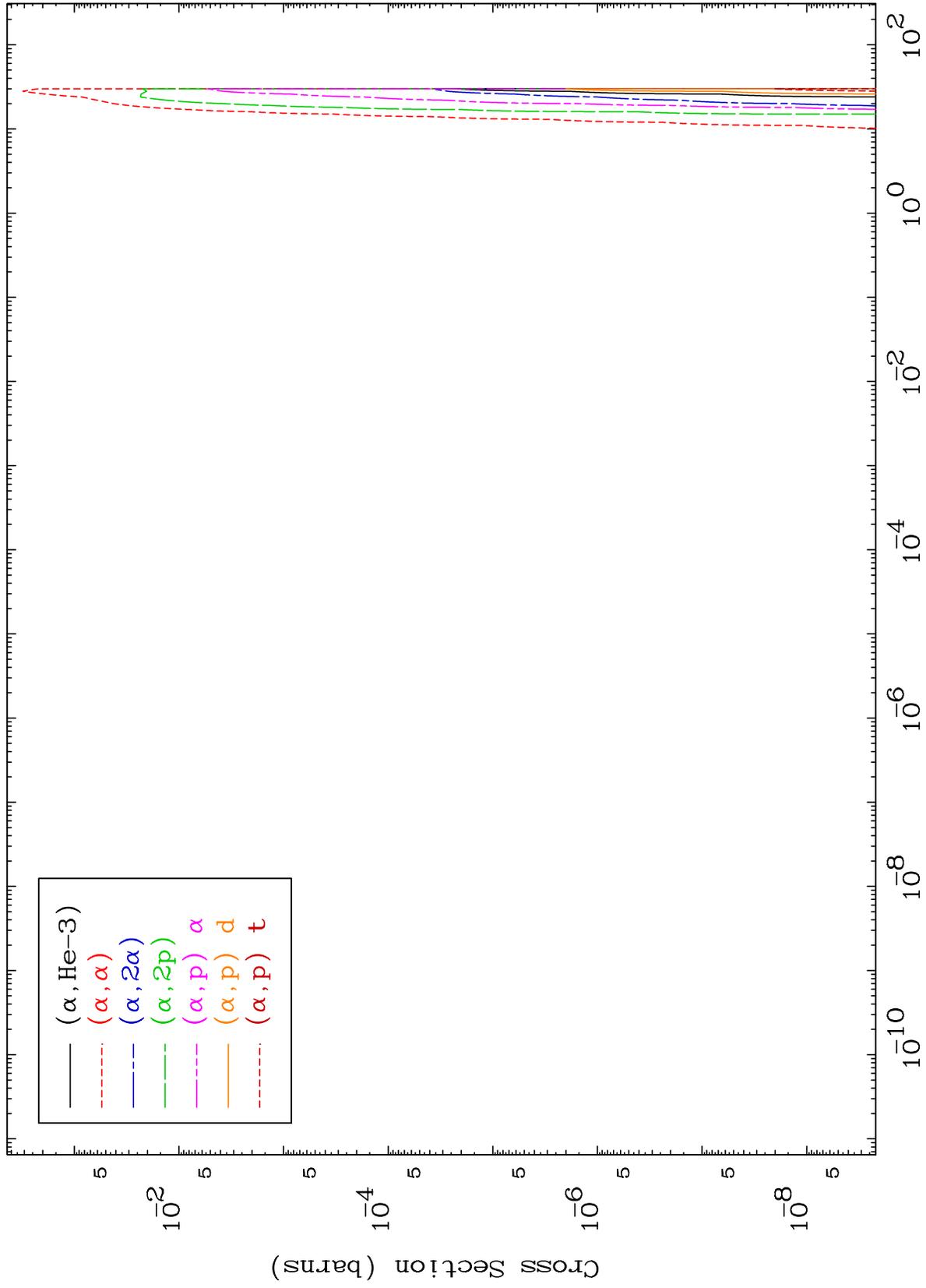
Incident Energy (MeV)

60-Nd-136

MAT 6007

α Charged Particle
0 Kelvin Cross Sections

60-Nd-136

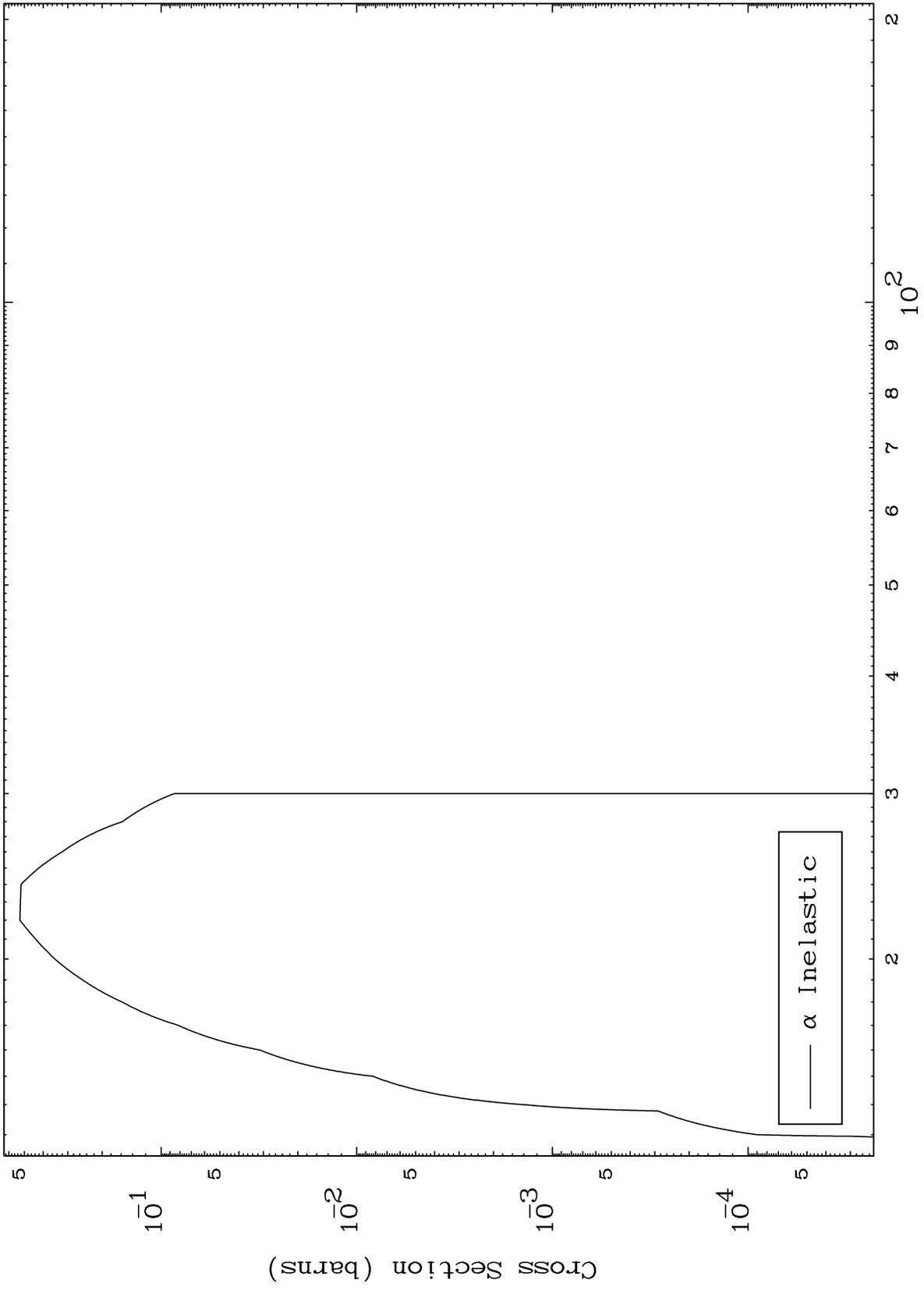


60-Nd-136

MAT 6007

(α, n') Level
0 Kelvin Cross Sections

60-Nd-136



5

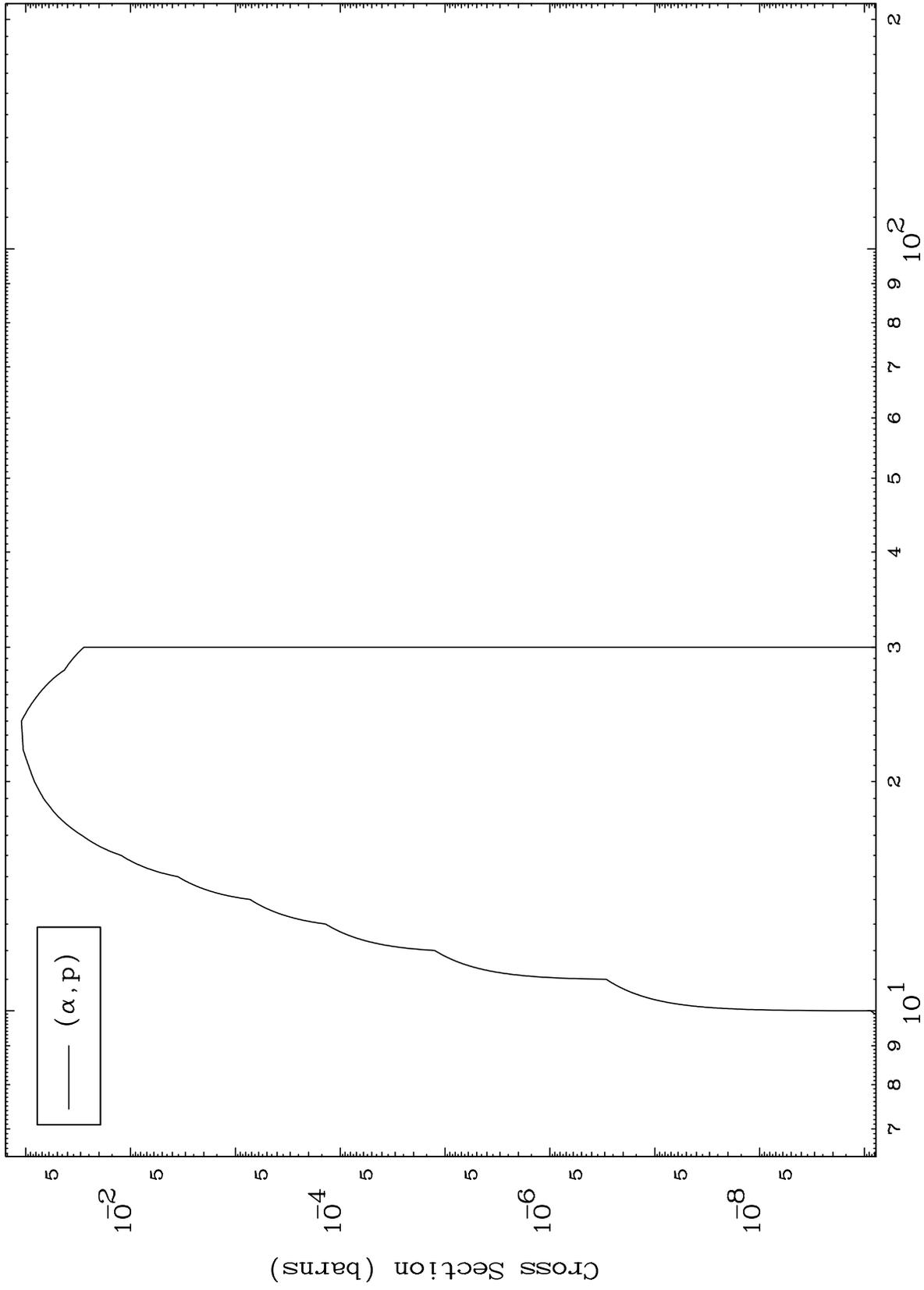
Incident Energy (MeV)

60-Nd-136

MAT 6007

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-136



6

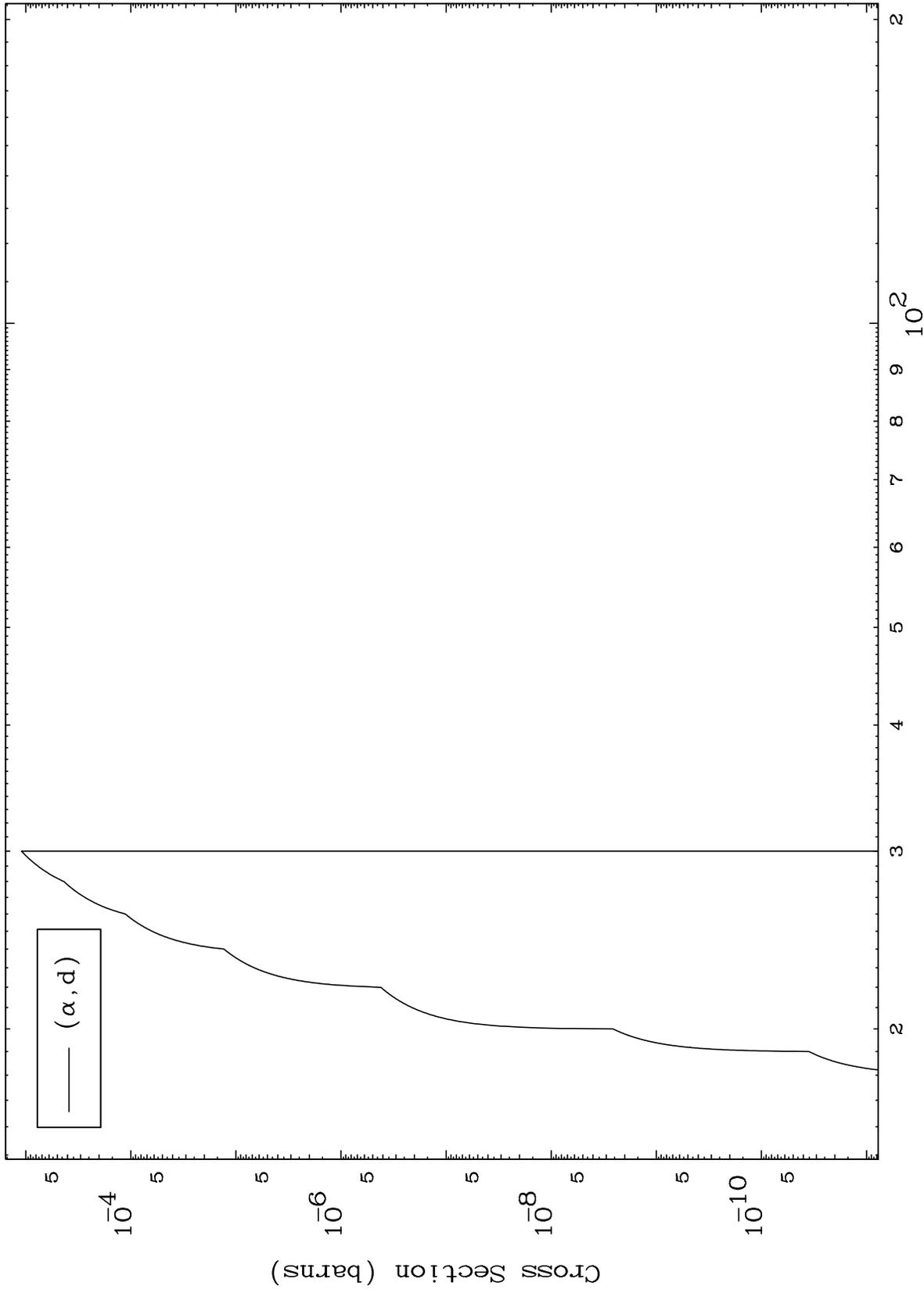
Incident Energy (MeV)

60-Nd-136

MAT 6007

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-136



7

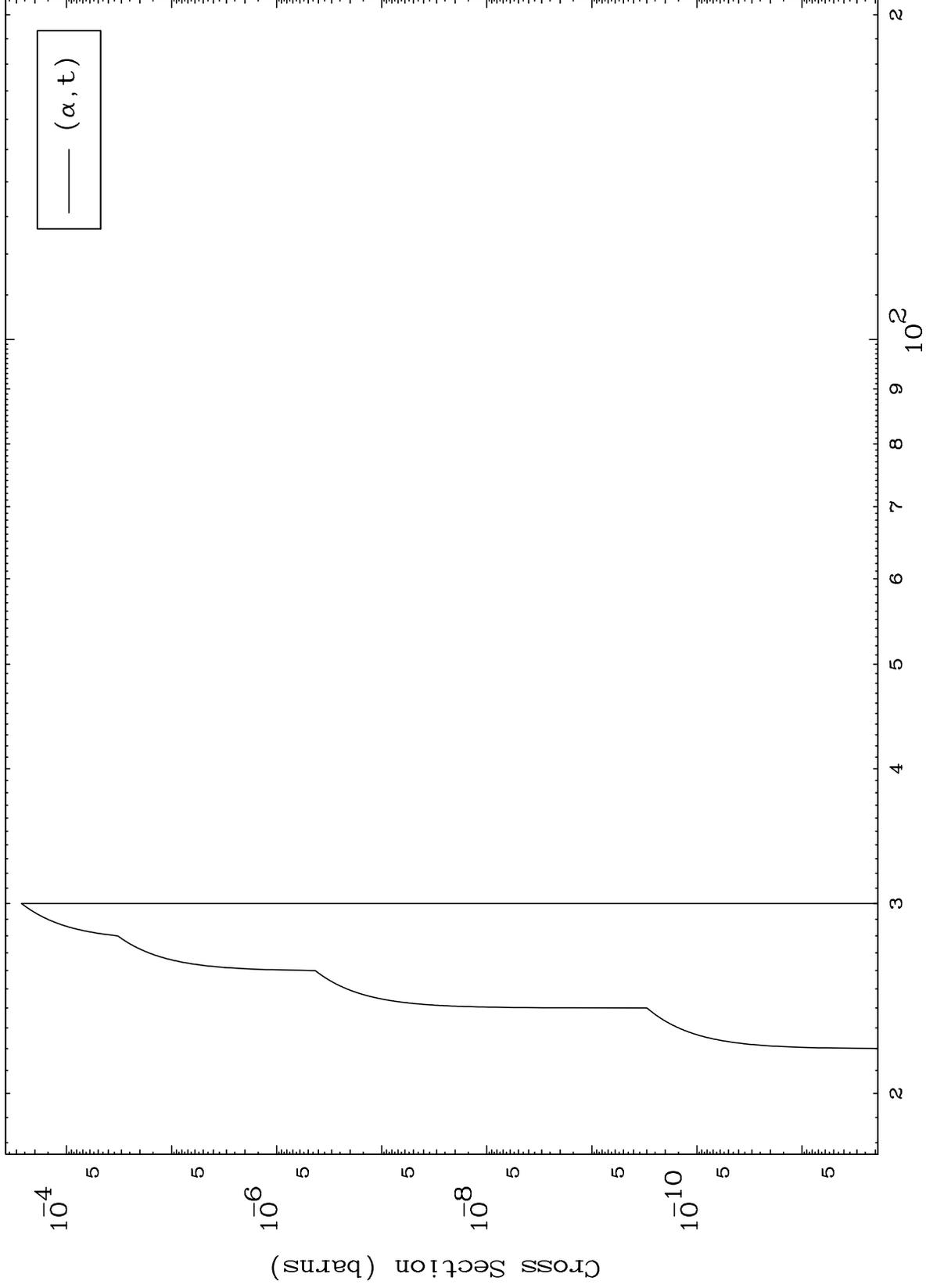
Incident Energy (MeV)

60-Nd-136

MAT 6007

(α, t) Levels
0 Kelvin Cross Sections

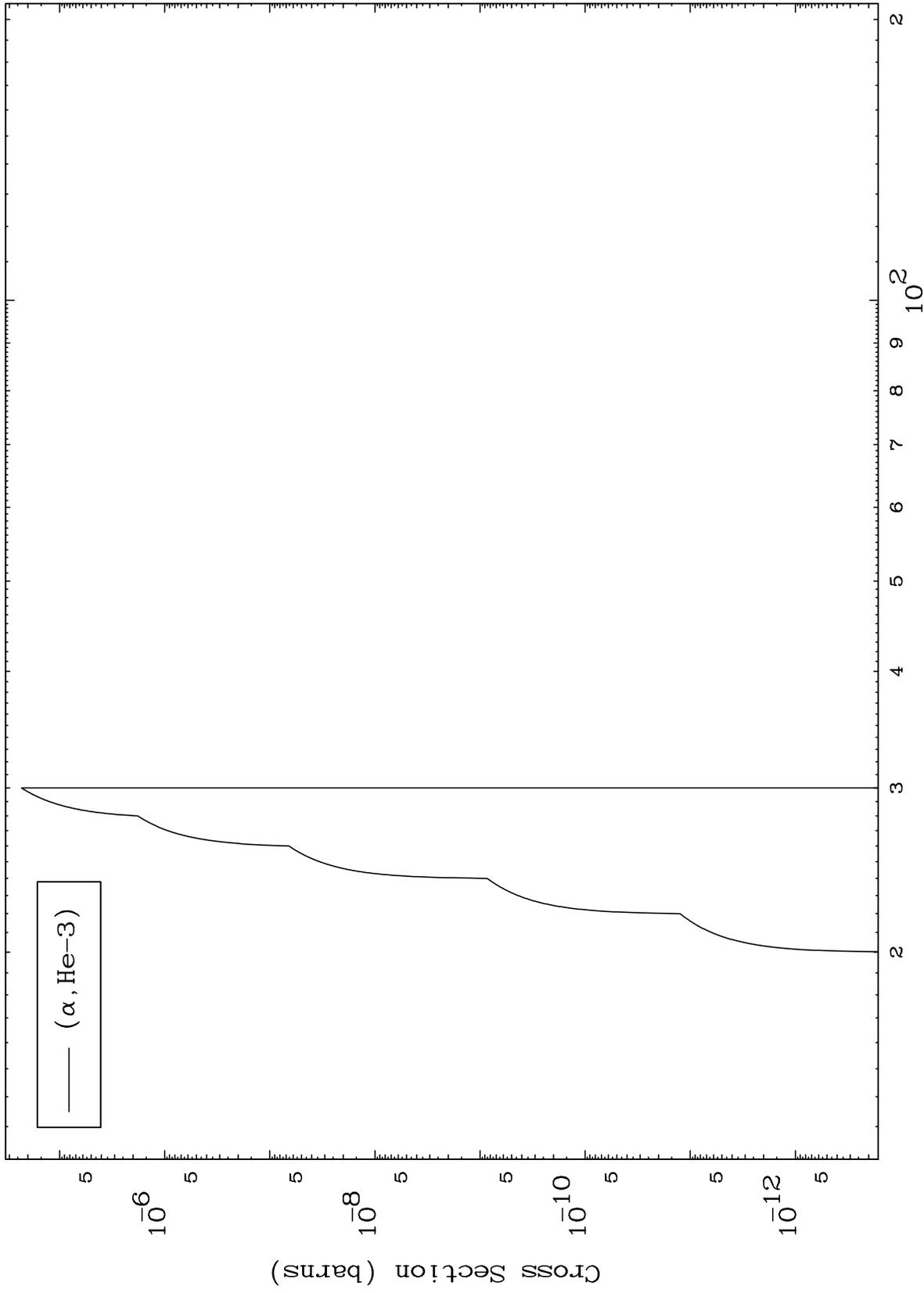
60-Nd-136



8

Incident Energy (MeV)

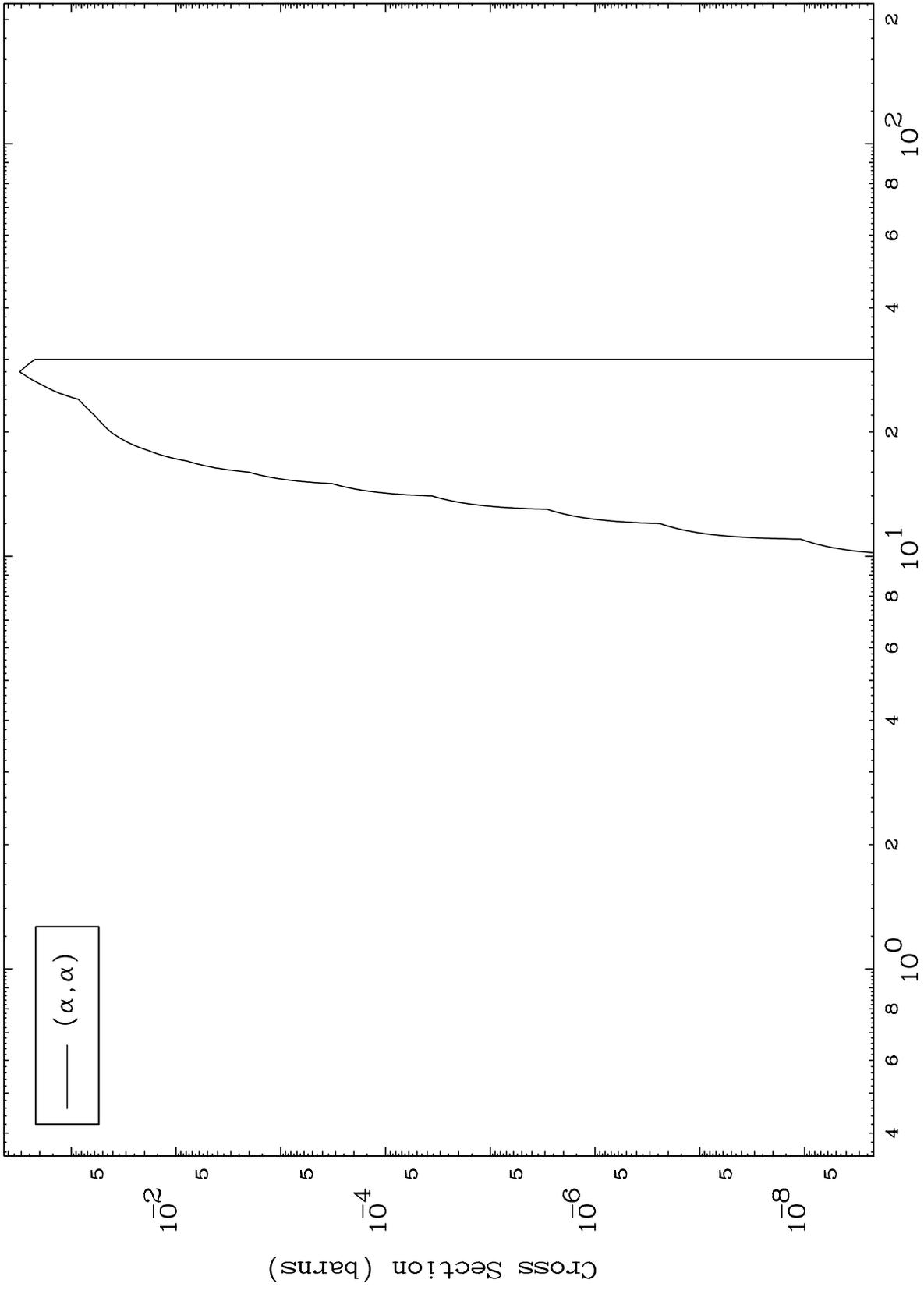
60-Nd-136



MAT 6007

(α, α) Levels
0 Kelvin Cross Sections

60-Nd-136

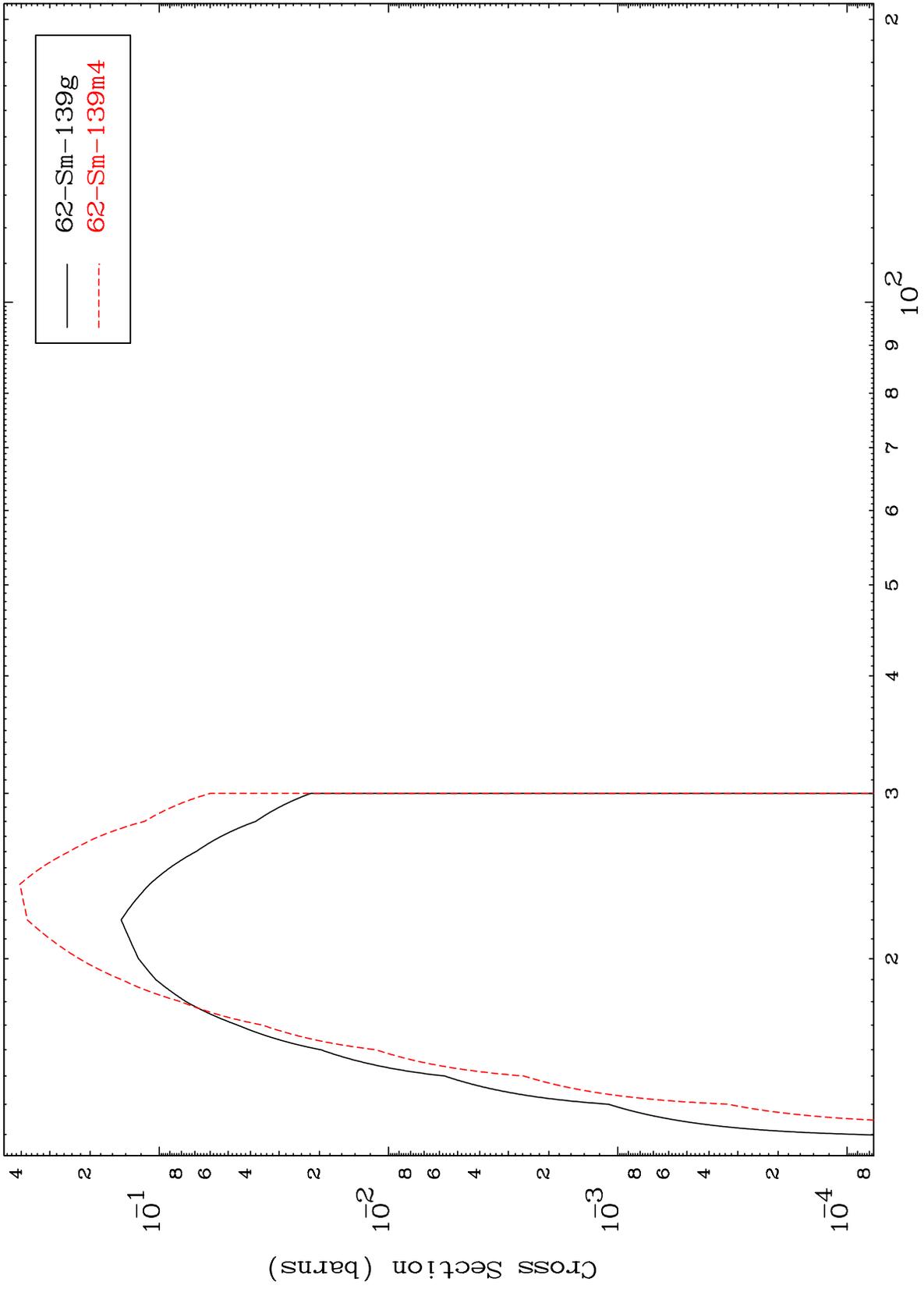


10

Incident Energy (MeV)

60-Nd-136

α Inelastic
Radionuclide Production Cross Section

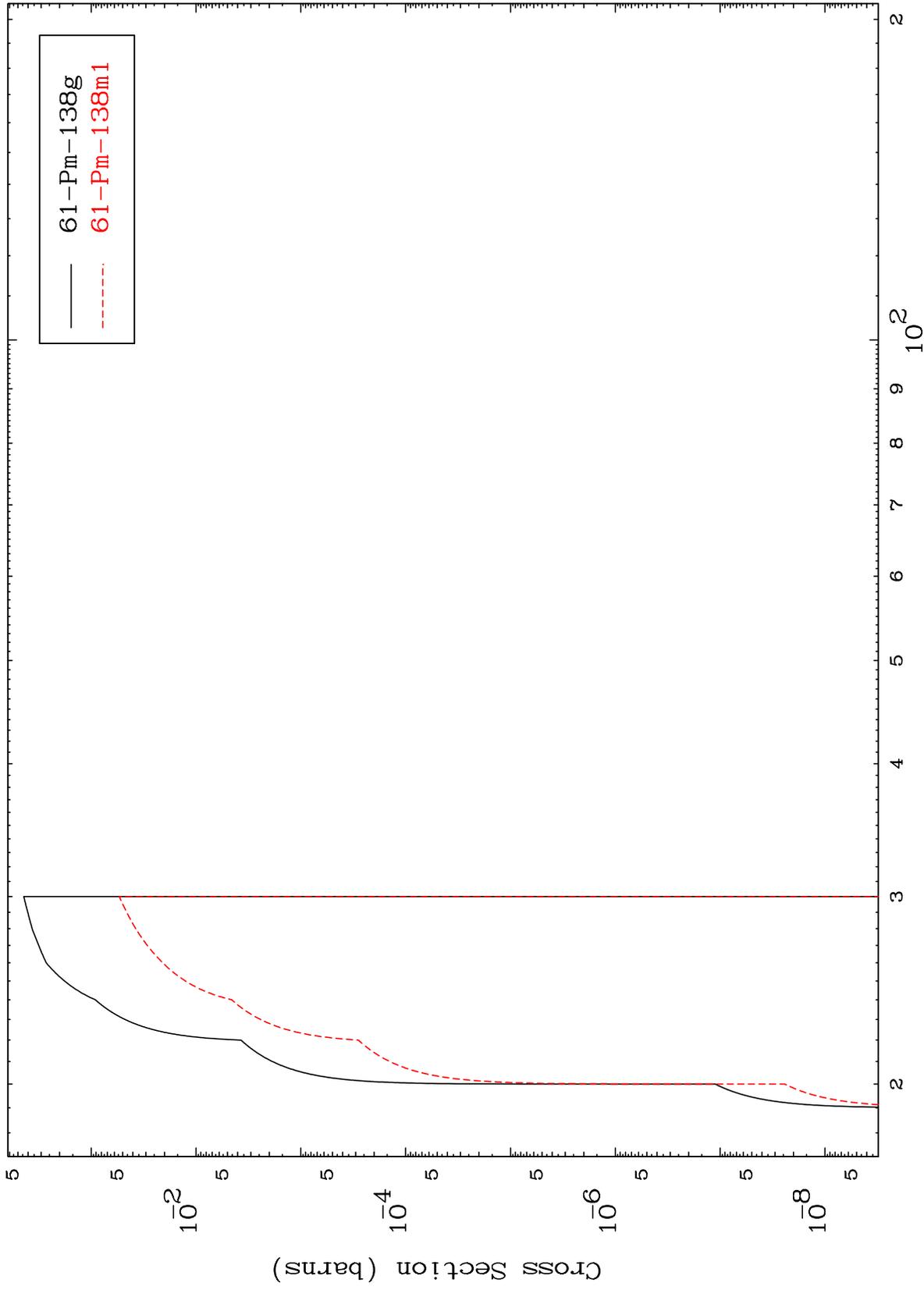


MAT 6007

(α, n') p

$^{60}\text{Nd}-^{136}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

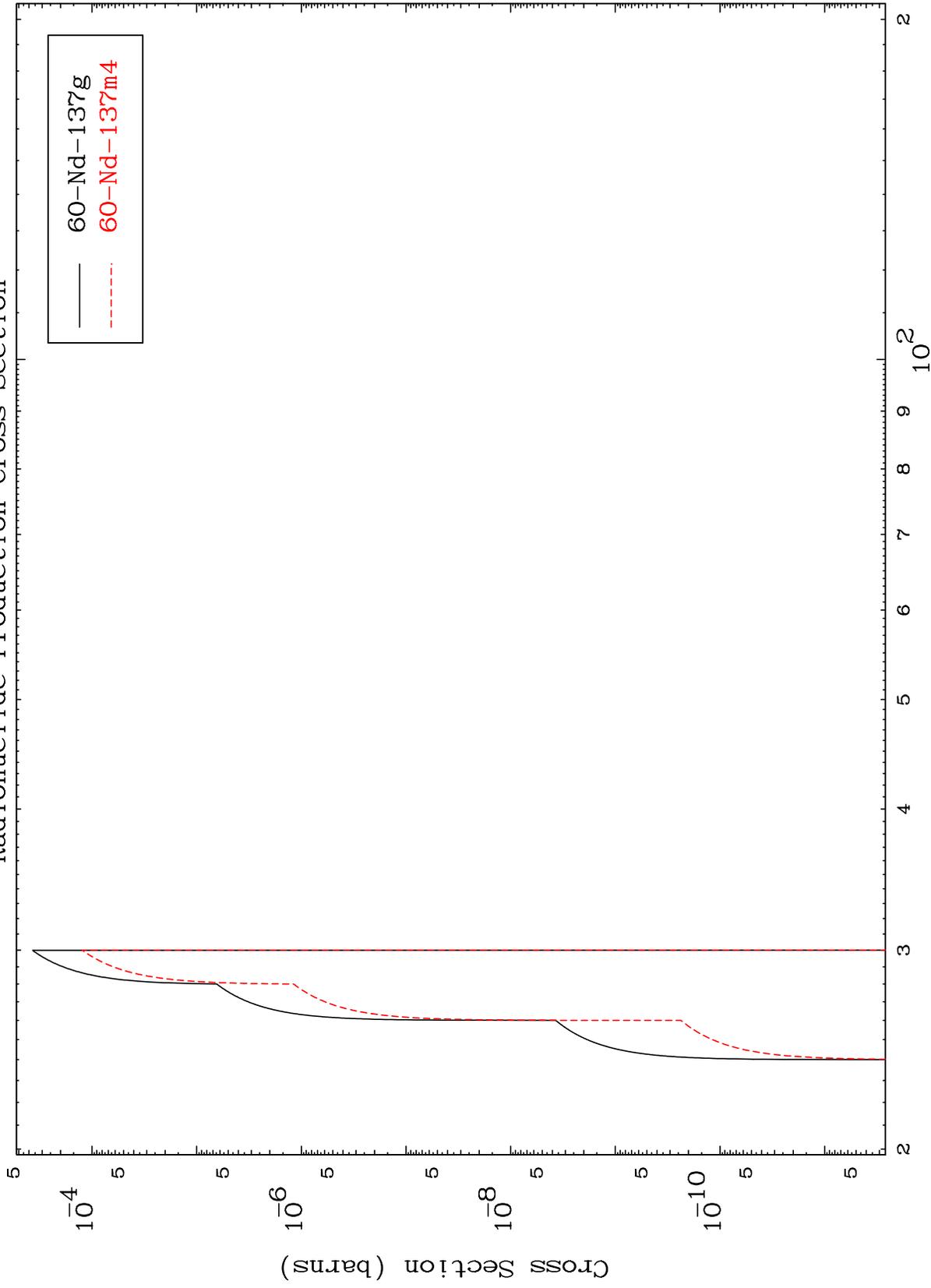
$^{60}\text{Nd}-^{136}$

MAT 6007

$(\alpha, 2n)$ p

$^{60}\text{Nd}-136$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

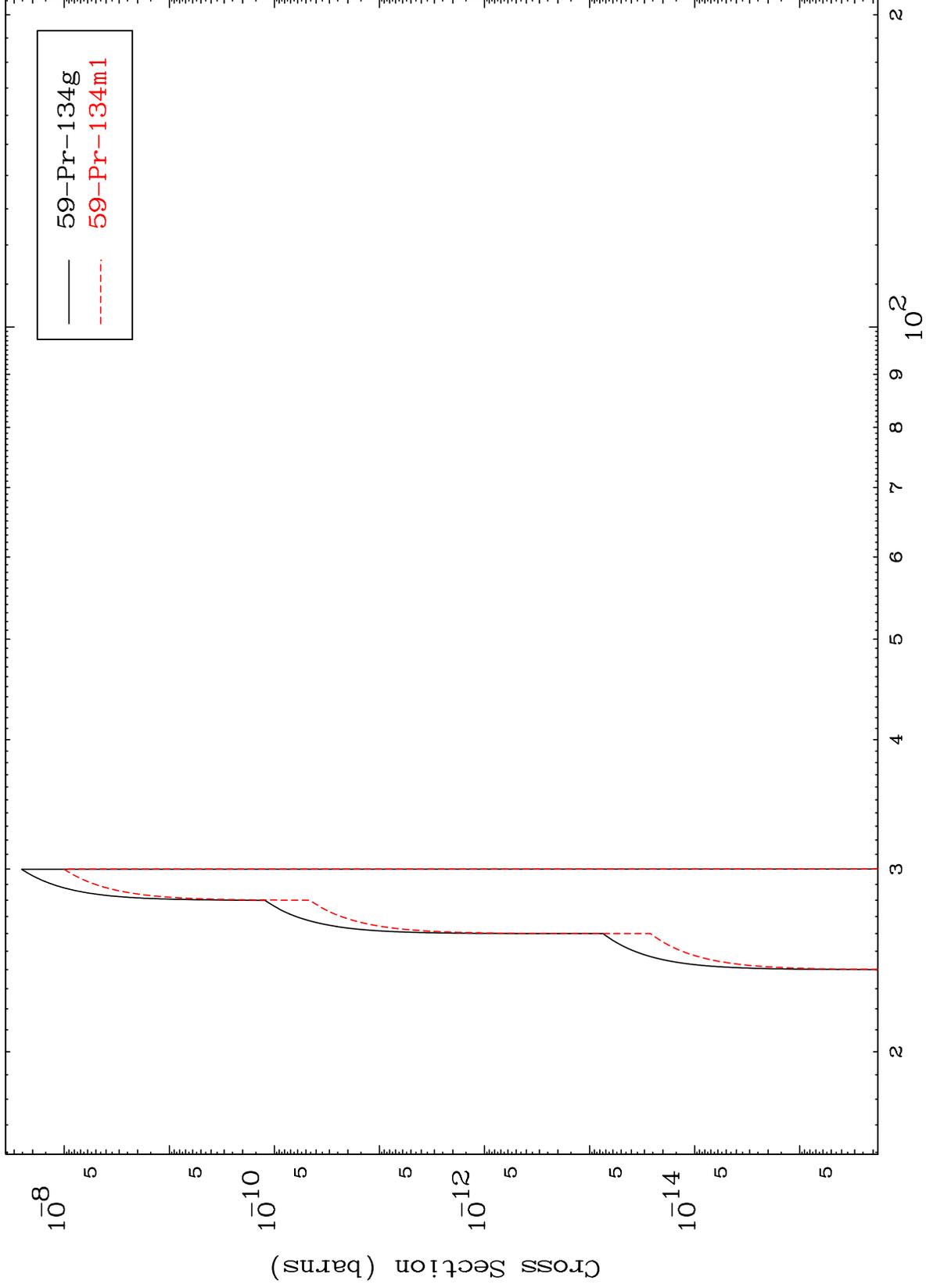
$^{60}\text{Nd}-136$

MAT 6007

(α, n') p α

60-Nd-136

Radionuclide Production Cross Section



14

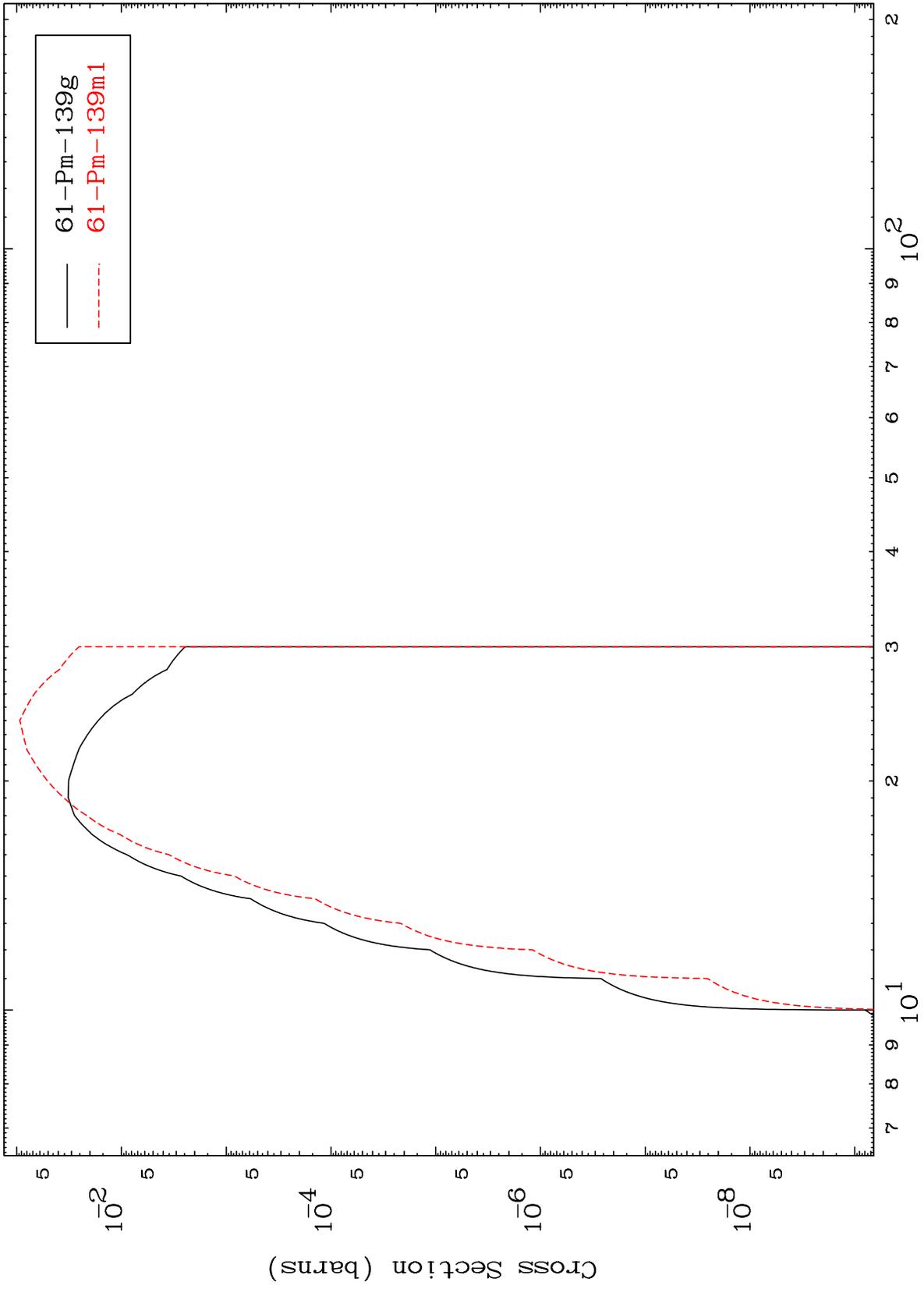
Incident Energy (MeV)

60-Nd-136

MAT 6007

60-Nd-136

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

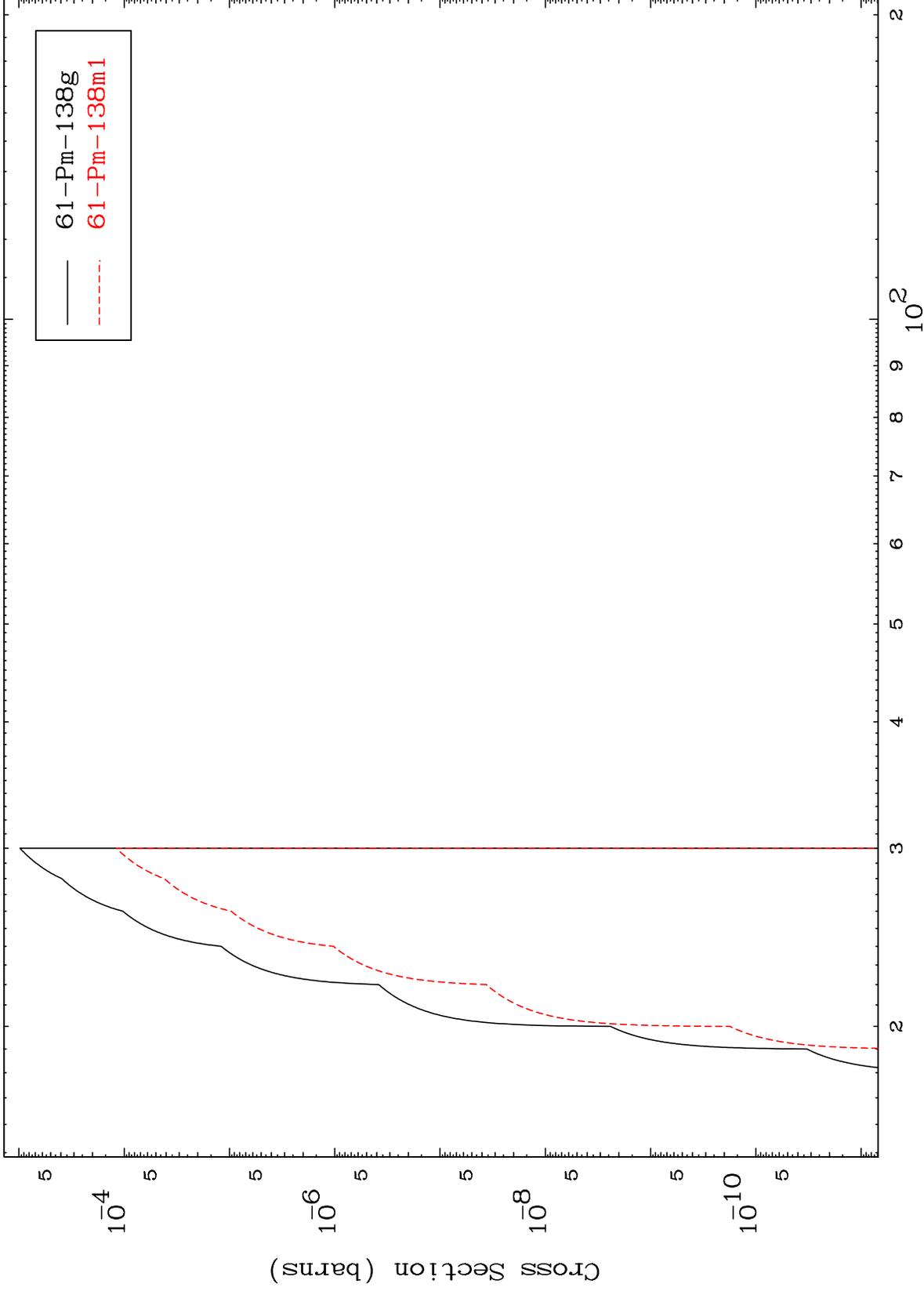
60-Nd-136

MAT 6007

(α, d)

$^{60}\text{Nd}-^{136}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

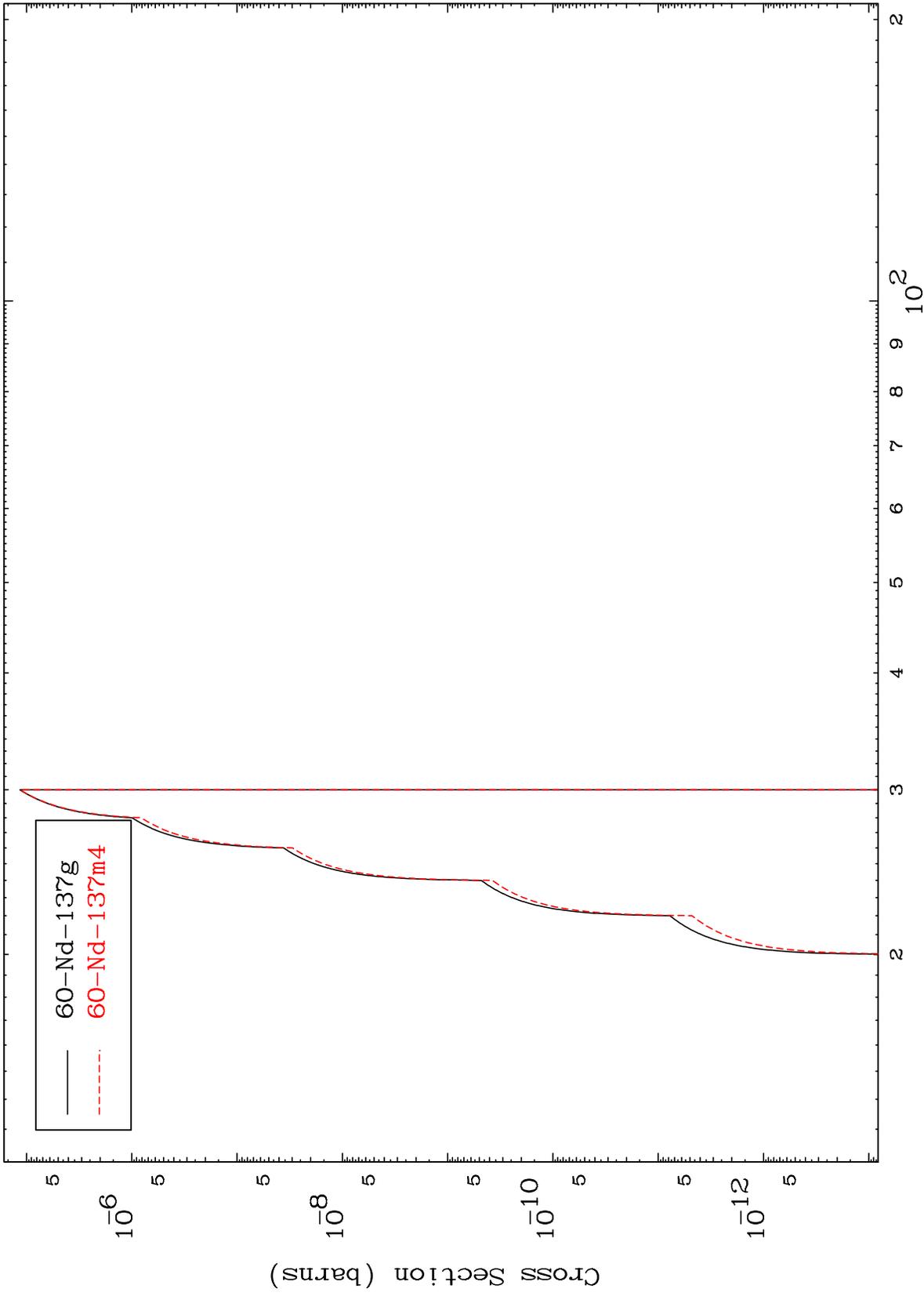
$^{60}\text{Nd}-^{136}$

MAT 6007

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

60-Nd-136

Radionuclide Production Cross Section

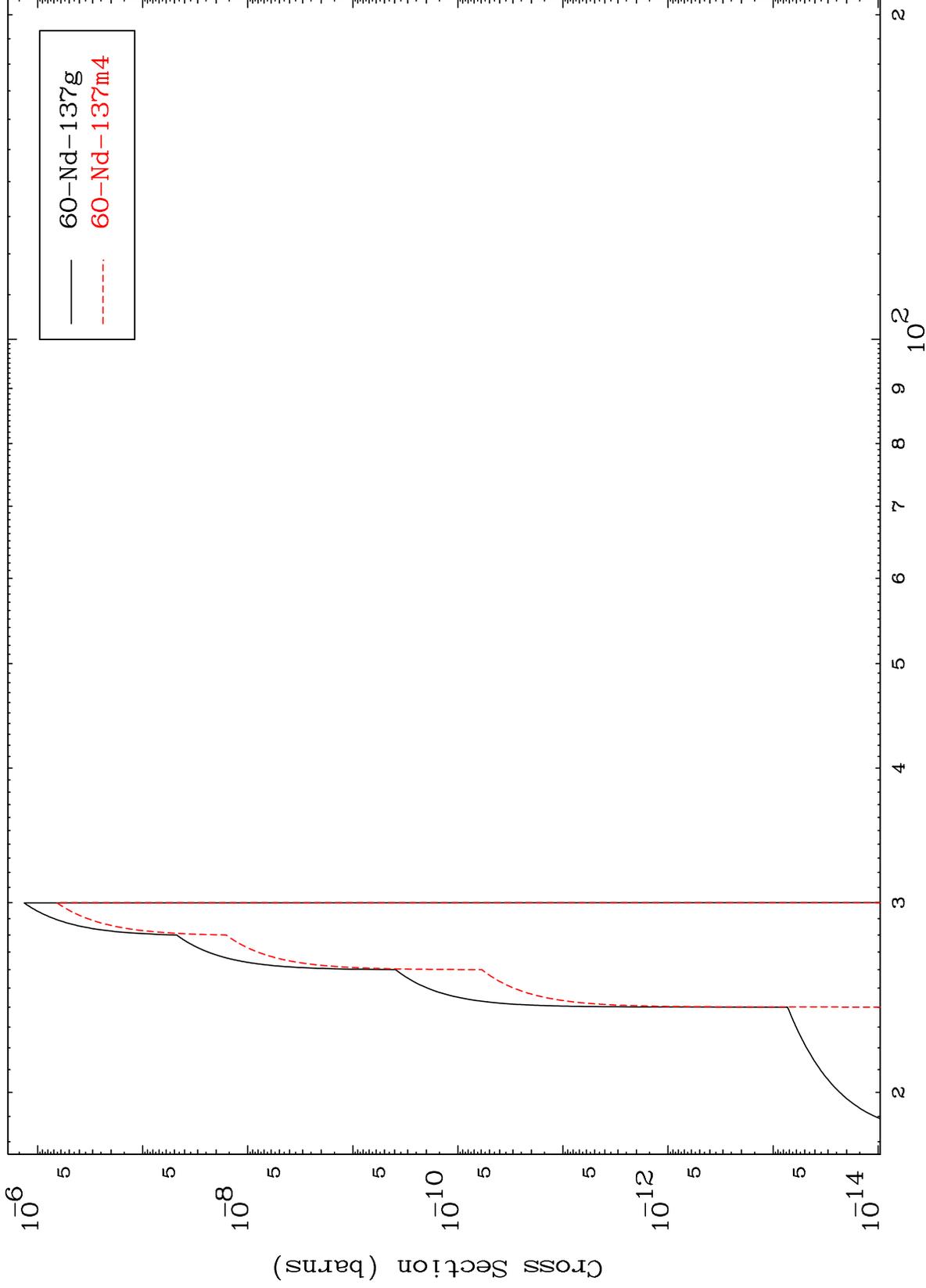


MAT 6007

(α, p) d

$^{60}\text{Nd}-136$

Radionuclide Production Cross Section



18

Incident Energy (MeV)

$^{60}\text{Nd}-136$