

Program EVALPLOT
(Version 2018-1)

by

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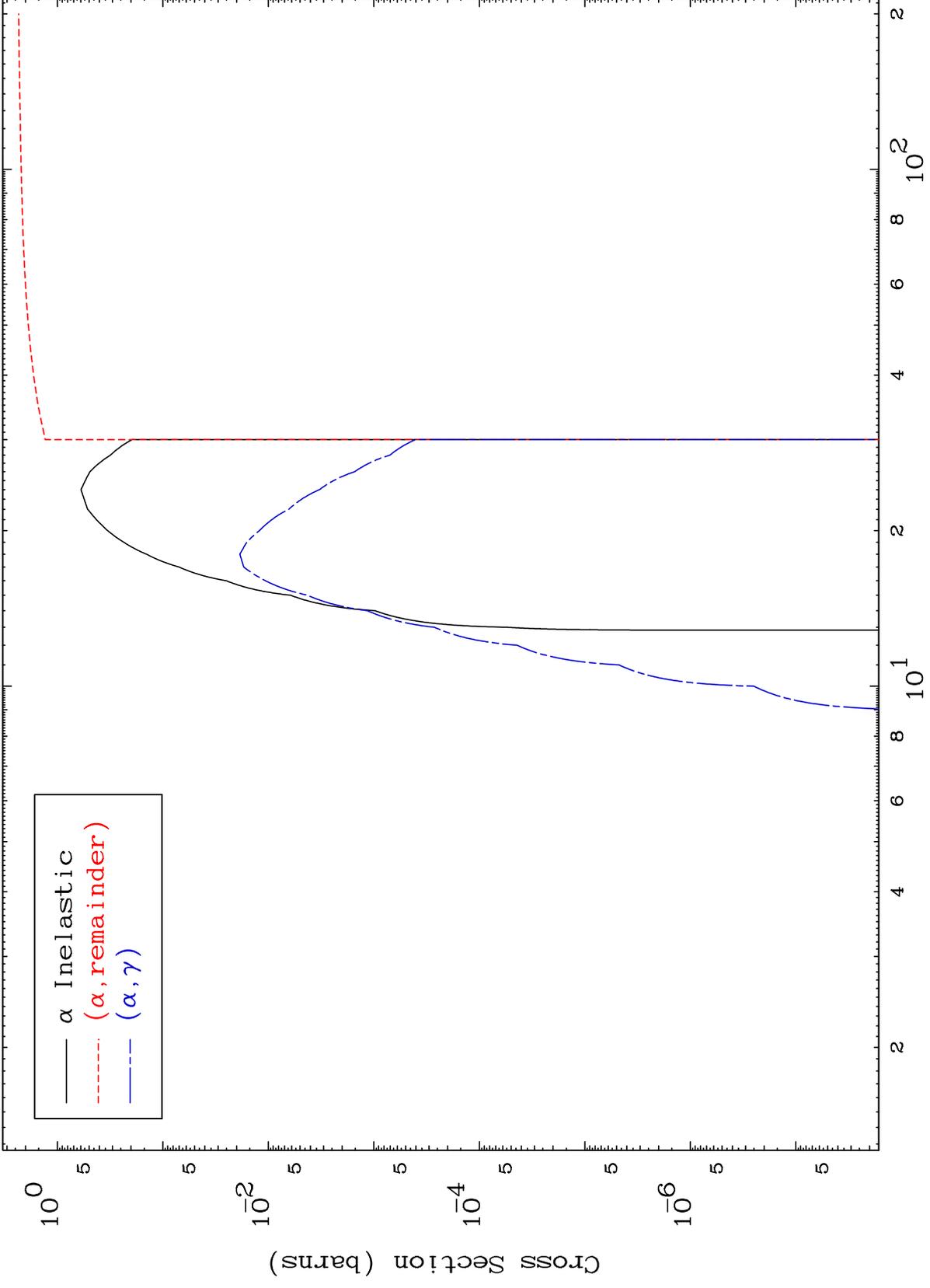
Press Mouse Button to Start

MAT 6007

α Major

60-Nd-136

0 Kelvin Cross Sections

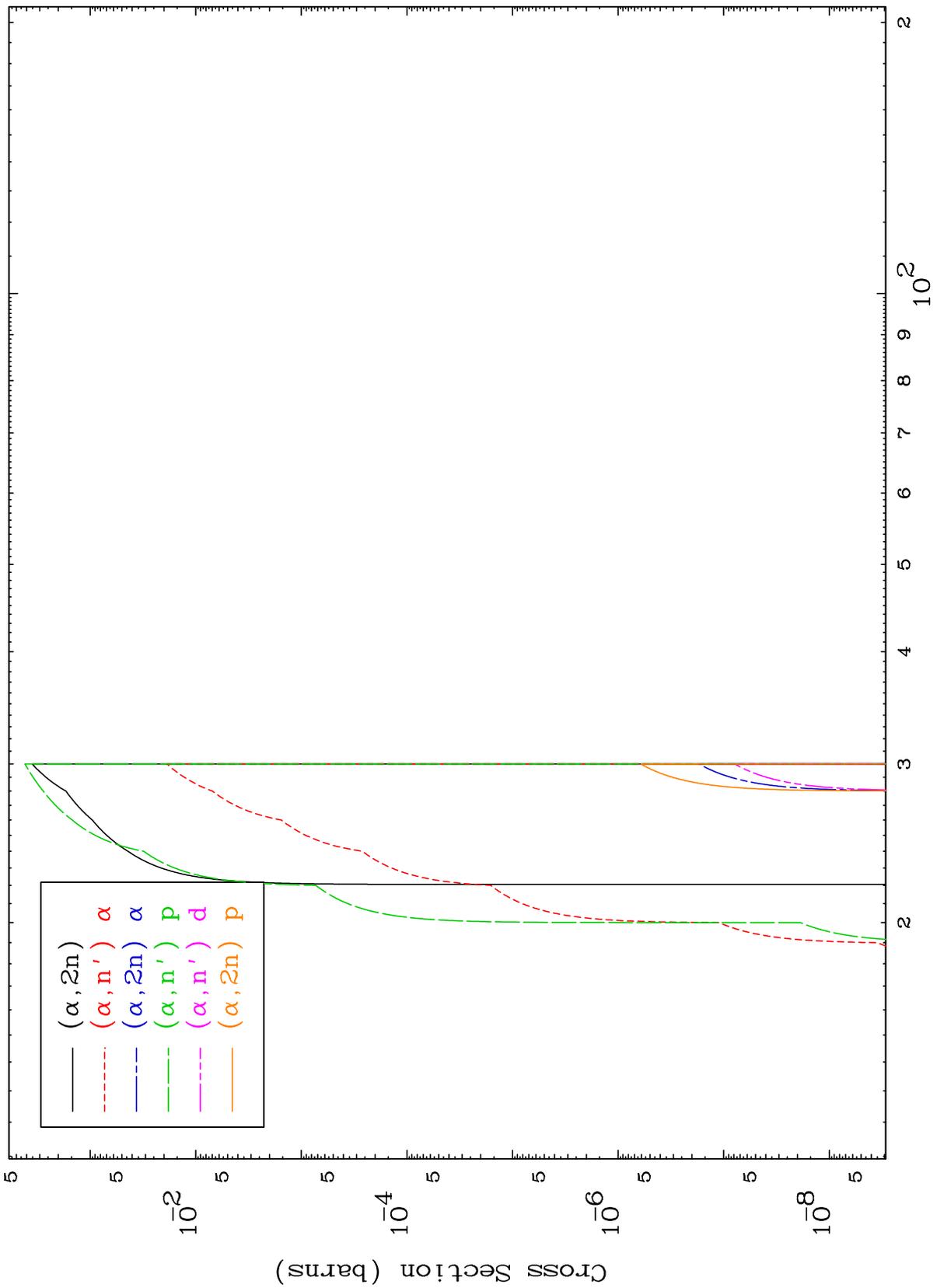


α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

MAT 6007

α Neutron Production
0 Kelvin Cross Sections

60-Nd-136



2

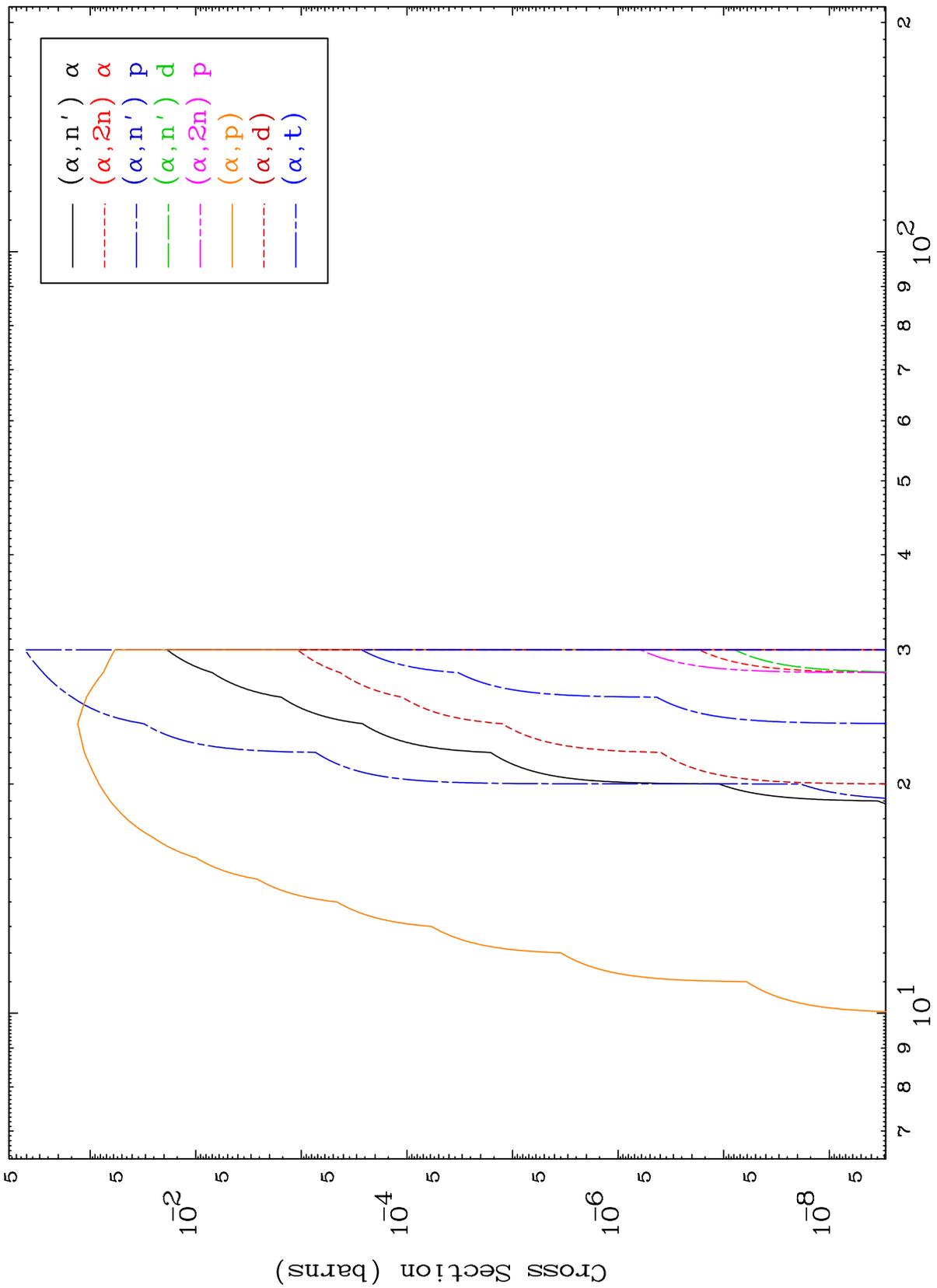
Incident Energy (MeV)

60-Nd-136

MAT 6007

α Charged Particle
0 Kelvin Cross Sections

60-Nd-136



3

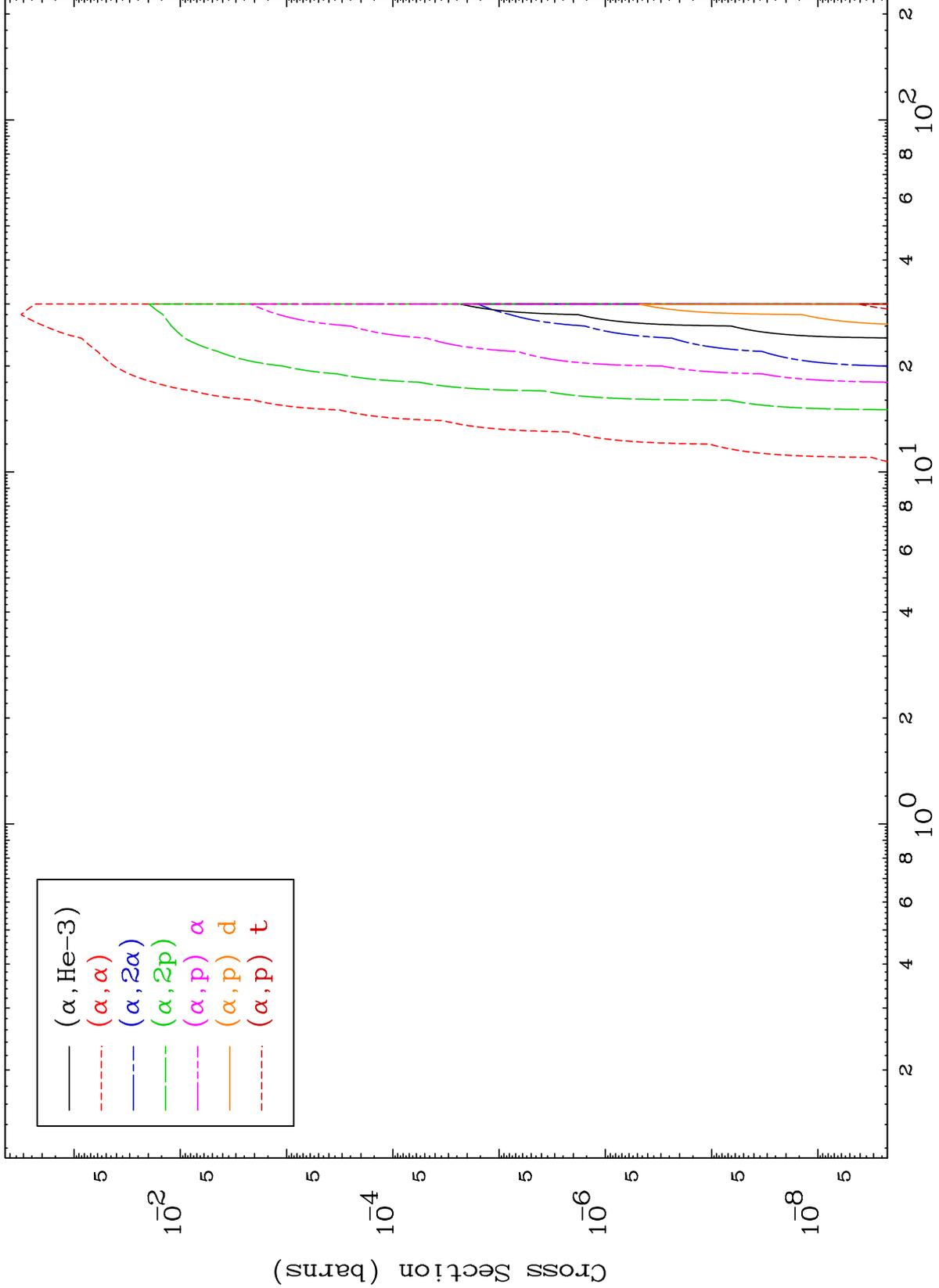
Incident Energy (MeV)

60-Nd-136

MAT 6007

α Charged Particle
0 Kelvin Cross Sections

60-Nd-136



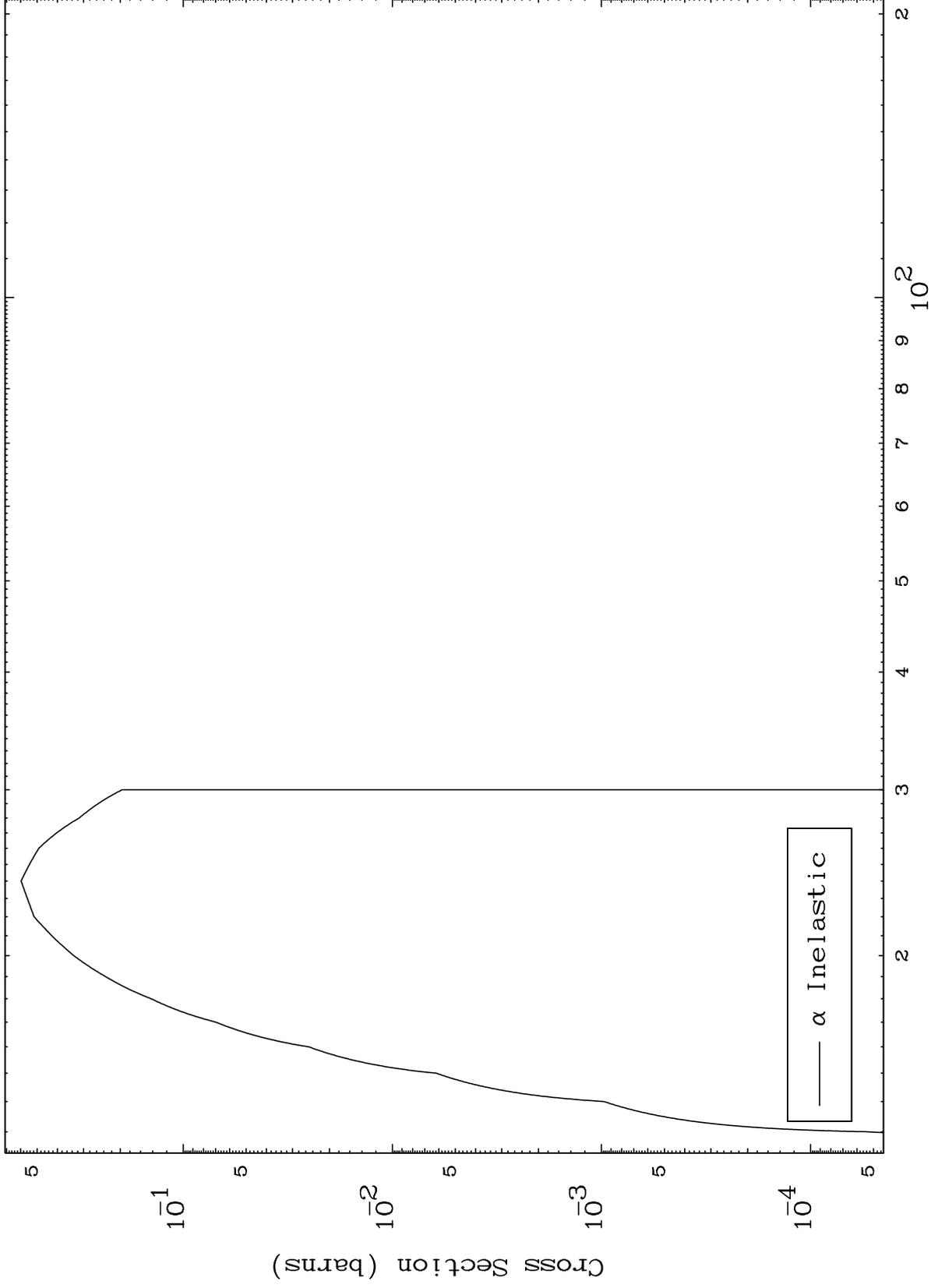
60-Nd-136

Incident Energy (MeV)

MAT 6007

(α, n') Level
0 Kelvin Cross Sections

60-Nd-136



5

Incident Energy (MeV)

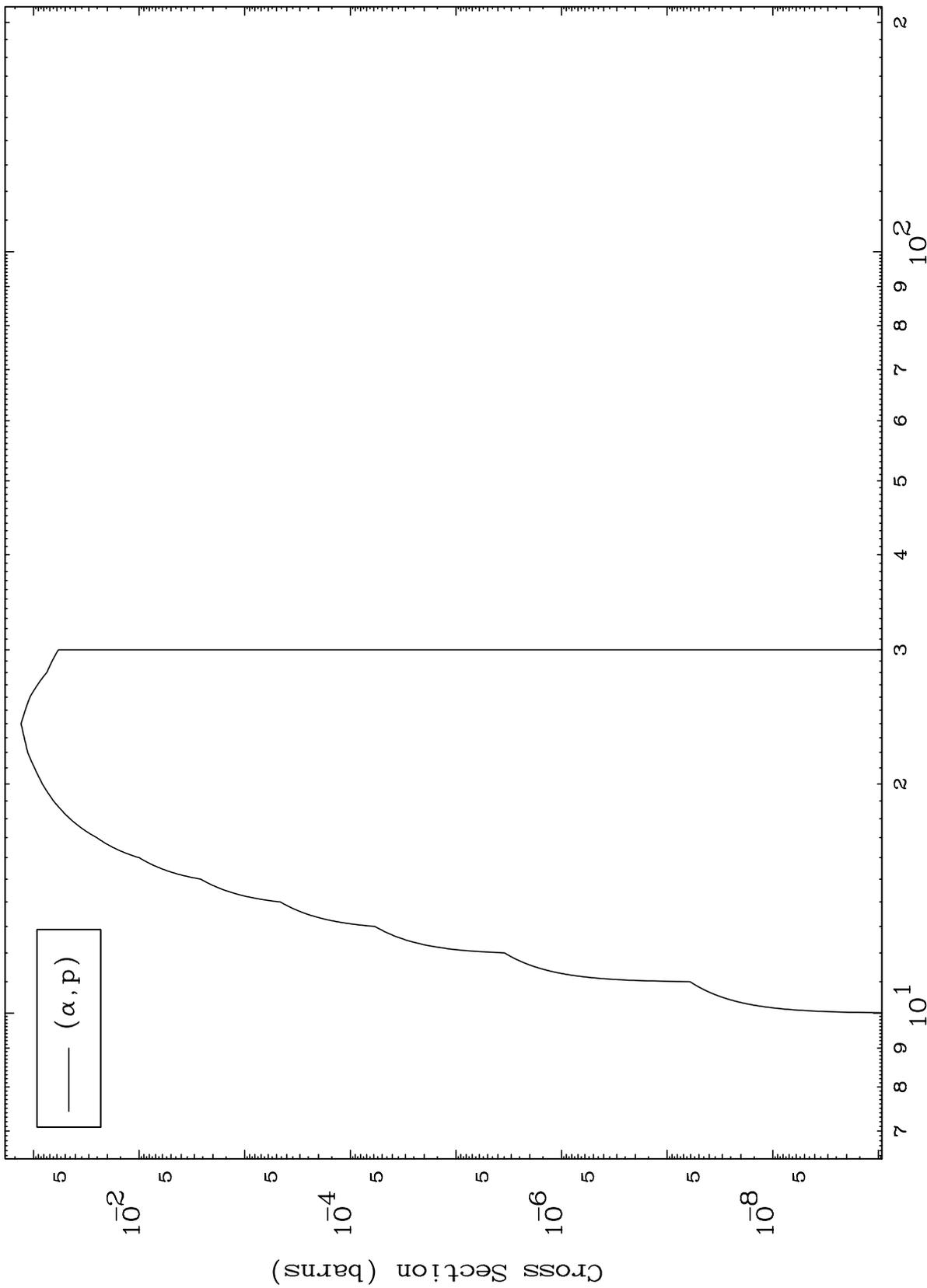
60-Nd-136

MAT 6007

(α, p) Levels

60-Nd-136

0 Kelvin Cross Sections



6

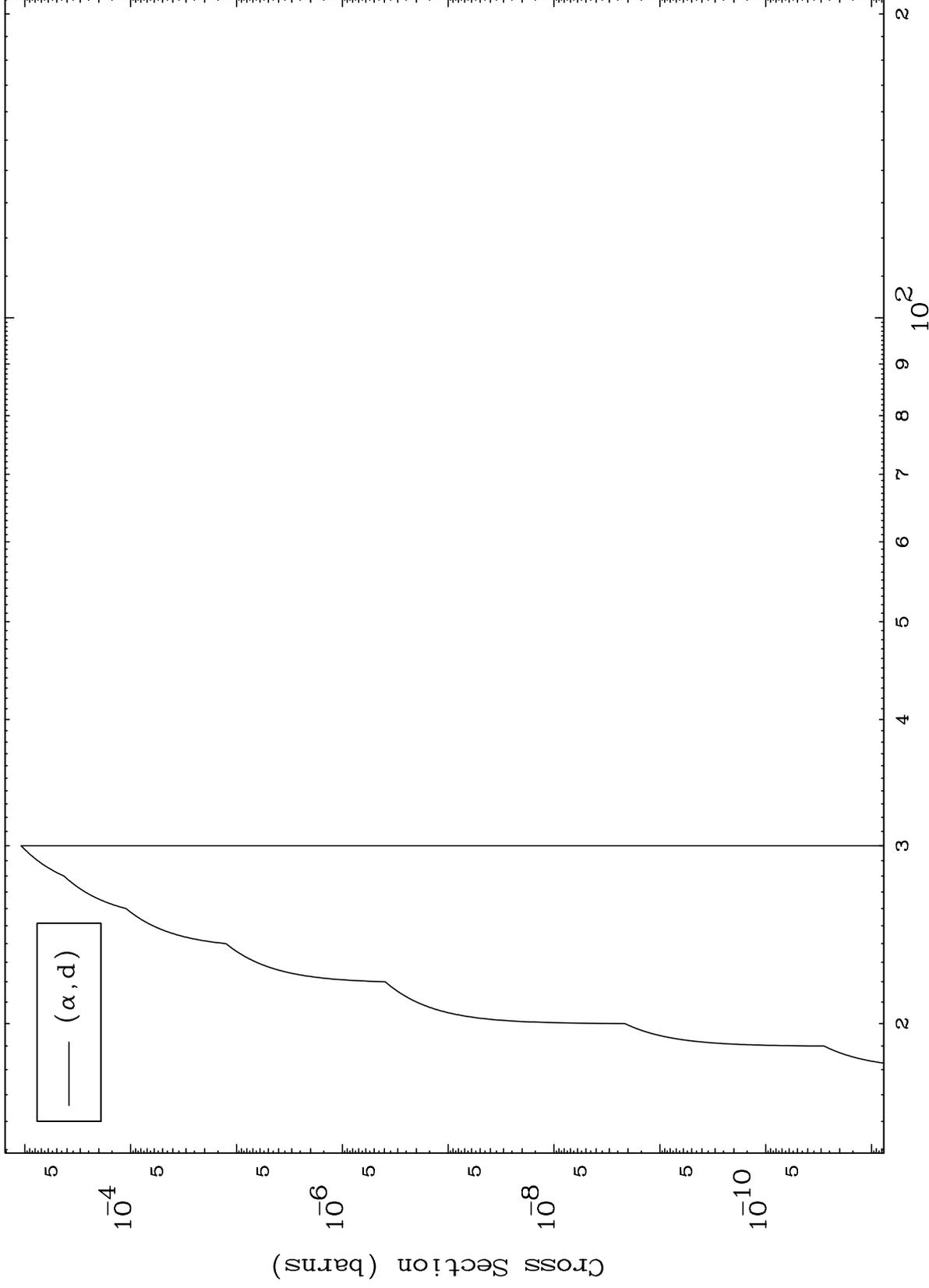
Incident Energy (MeV)

60-Nd-136

MAT 6007

(α, d) Levels
0 Kelvin Cross Sections

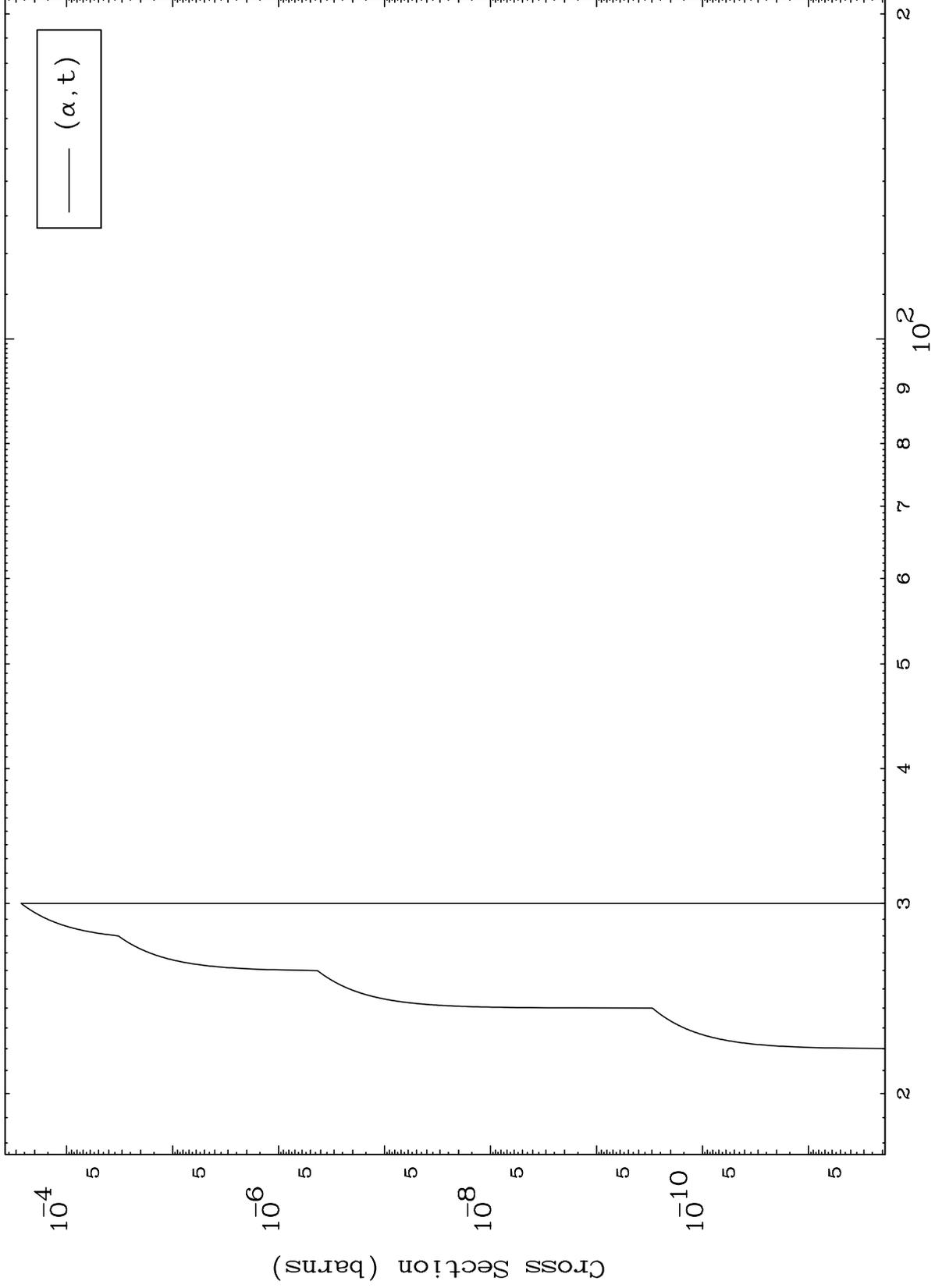
60-Nd-136



MAT 6007

(α, t) Levels
0 Kelvin Cross Sections

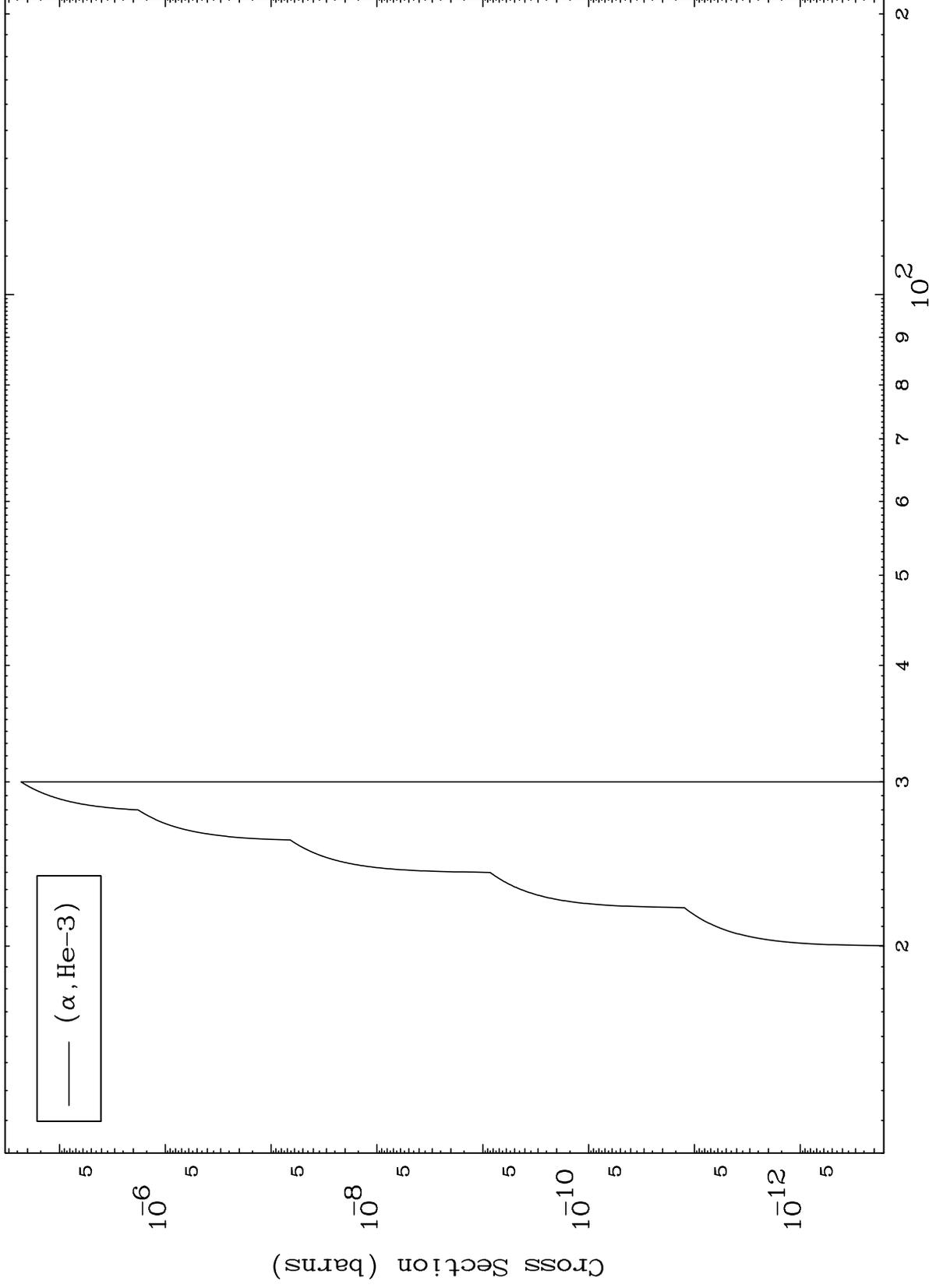
60-Nd-136



8

Incident Energy (MeV)

60-Nd-136

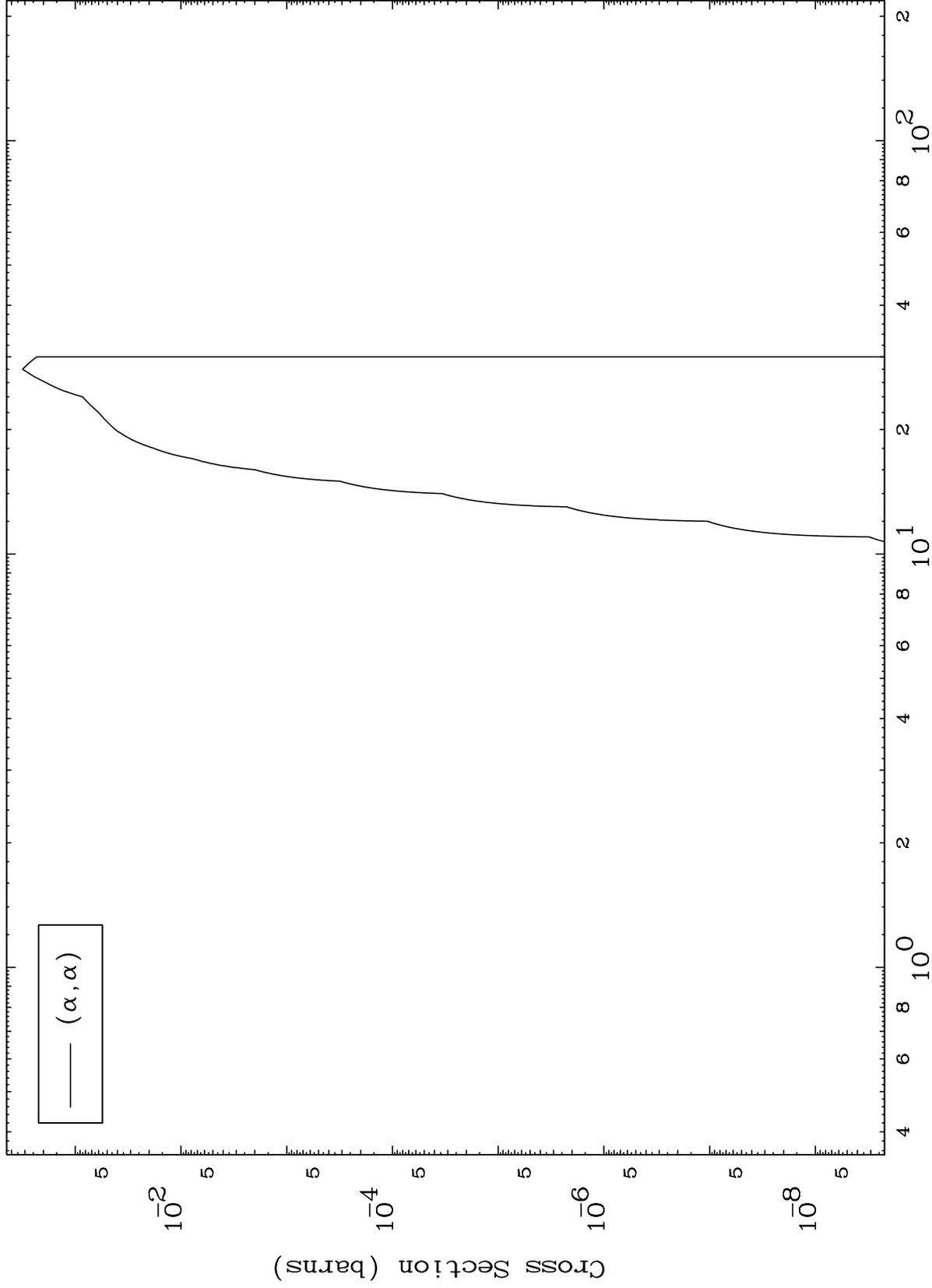


MAT 6007

(α, α) Levels

60-Nd-136

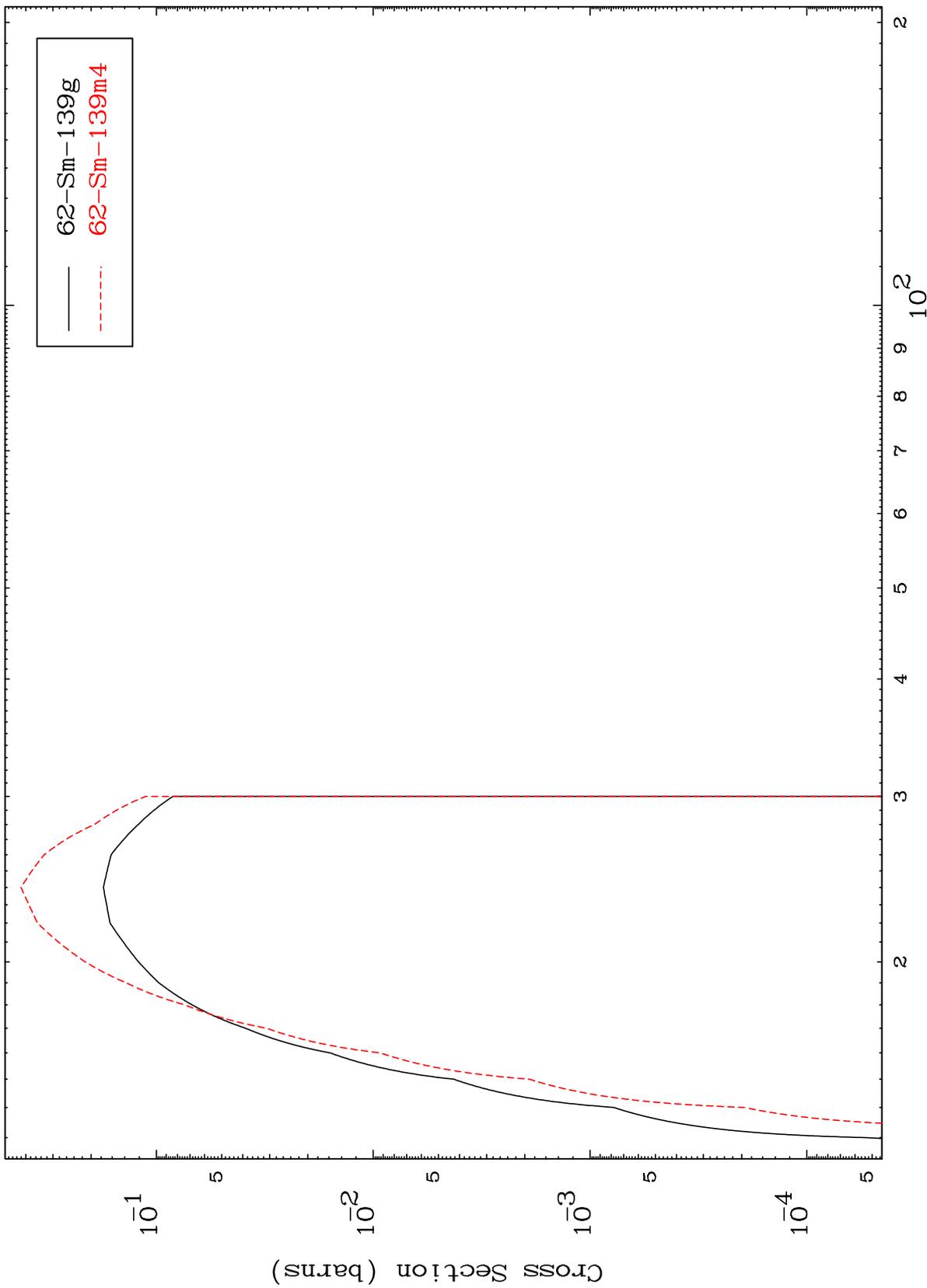
0 Kelvin Cross Sections



10

Incident Energy (MeV)

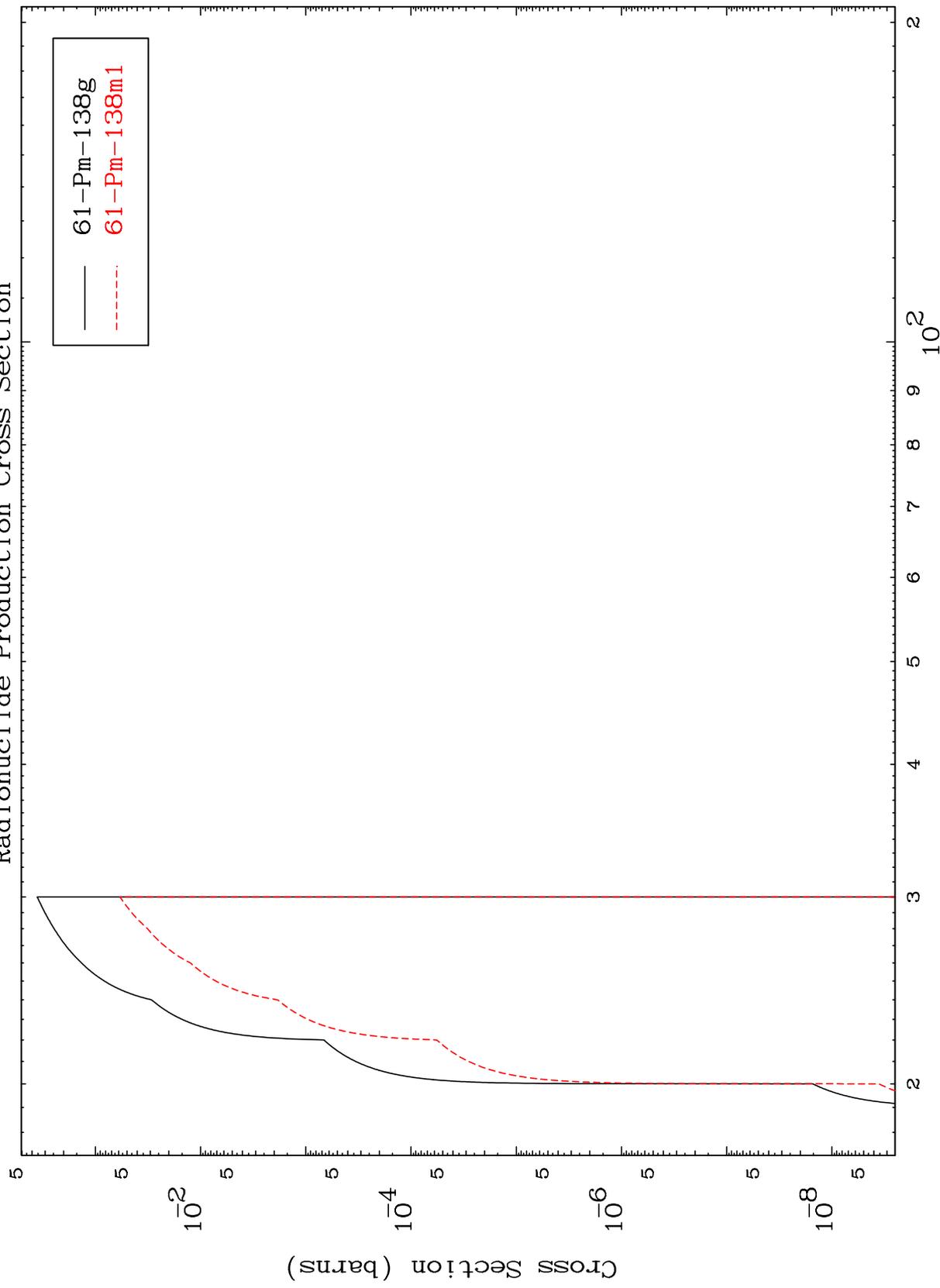
60-Nd-136



MAT 6007

60-Nd-136

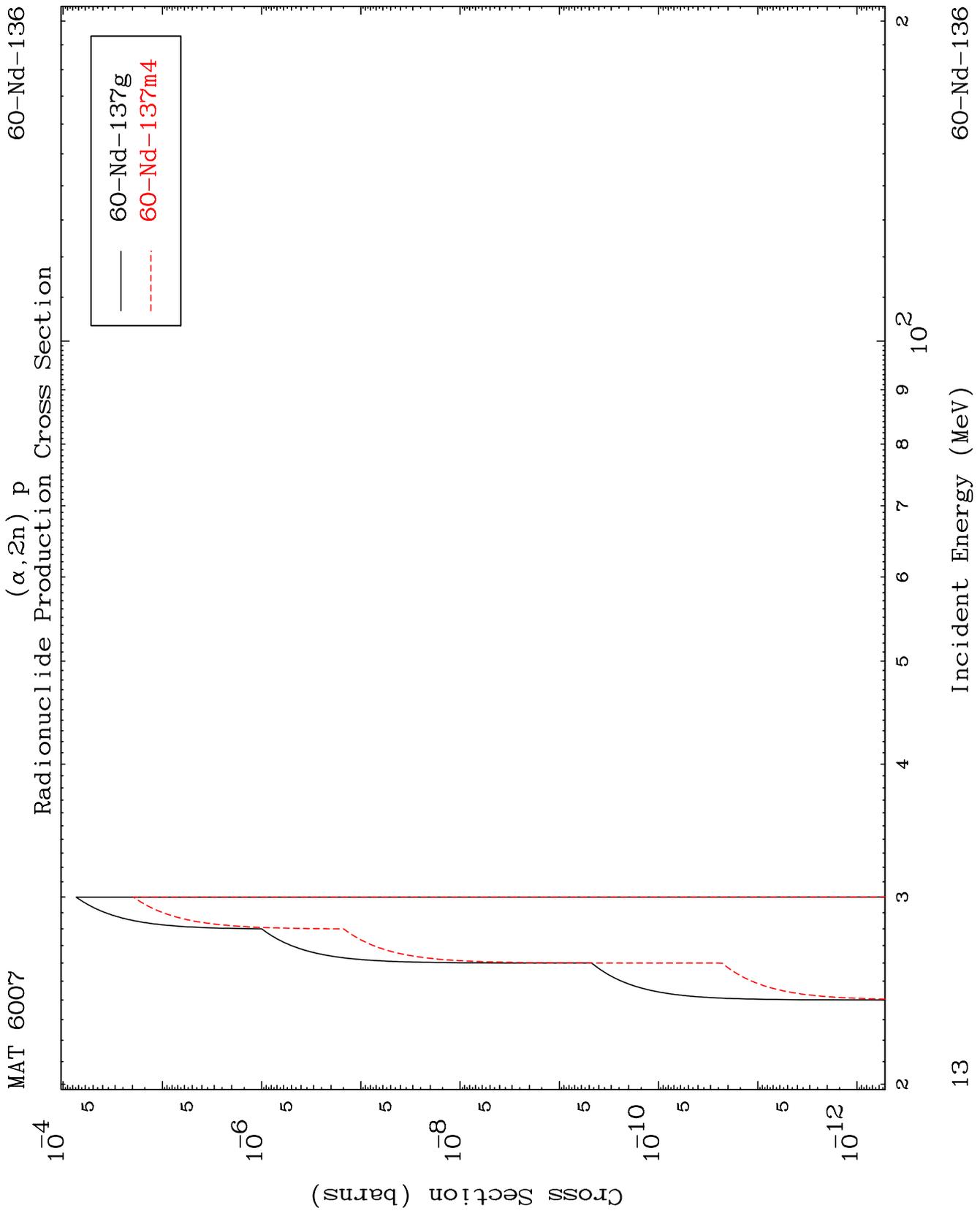
(α, n') p
Radionuclide Production Cross Section



60-Nd-136

Incident Energy (MeV)

12

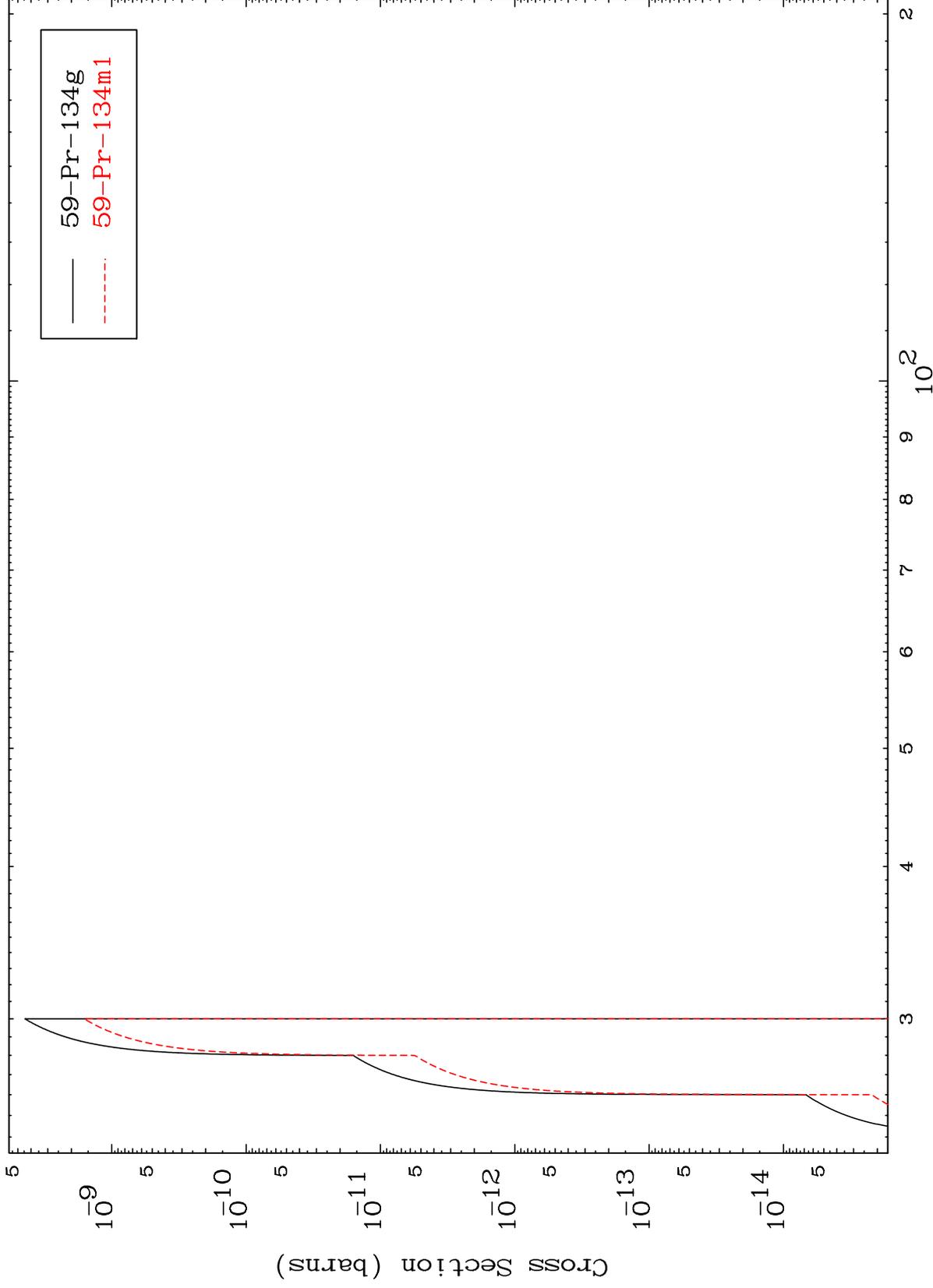


MAT 6007

(α, n') p α

60-Nd-136

Radionuclide Production Cross Section



14

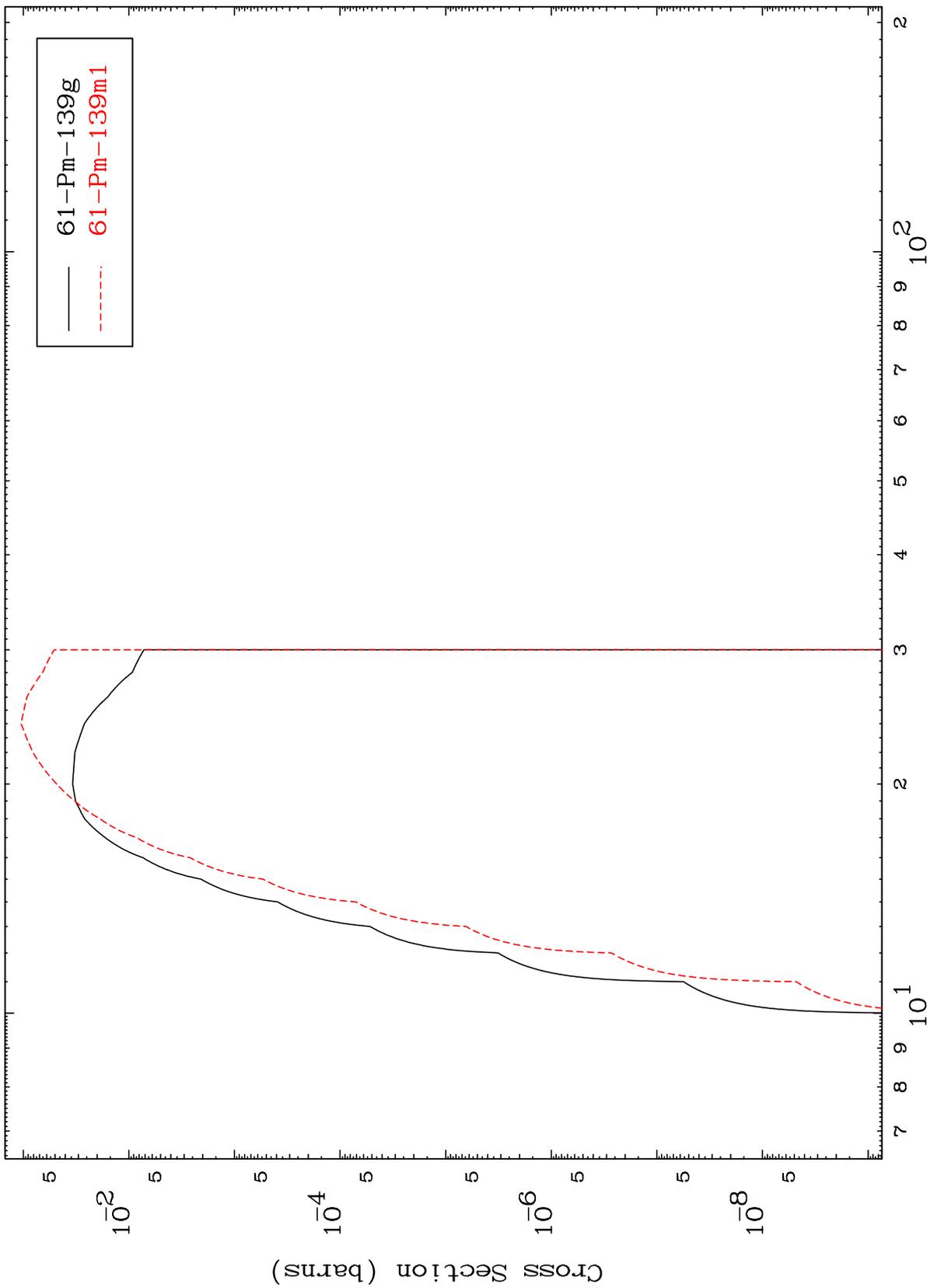
Incident Energy (MeV)

60-Nd-136

MAT 6007

60-Nd-136

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

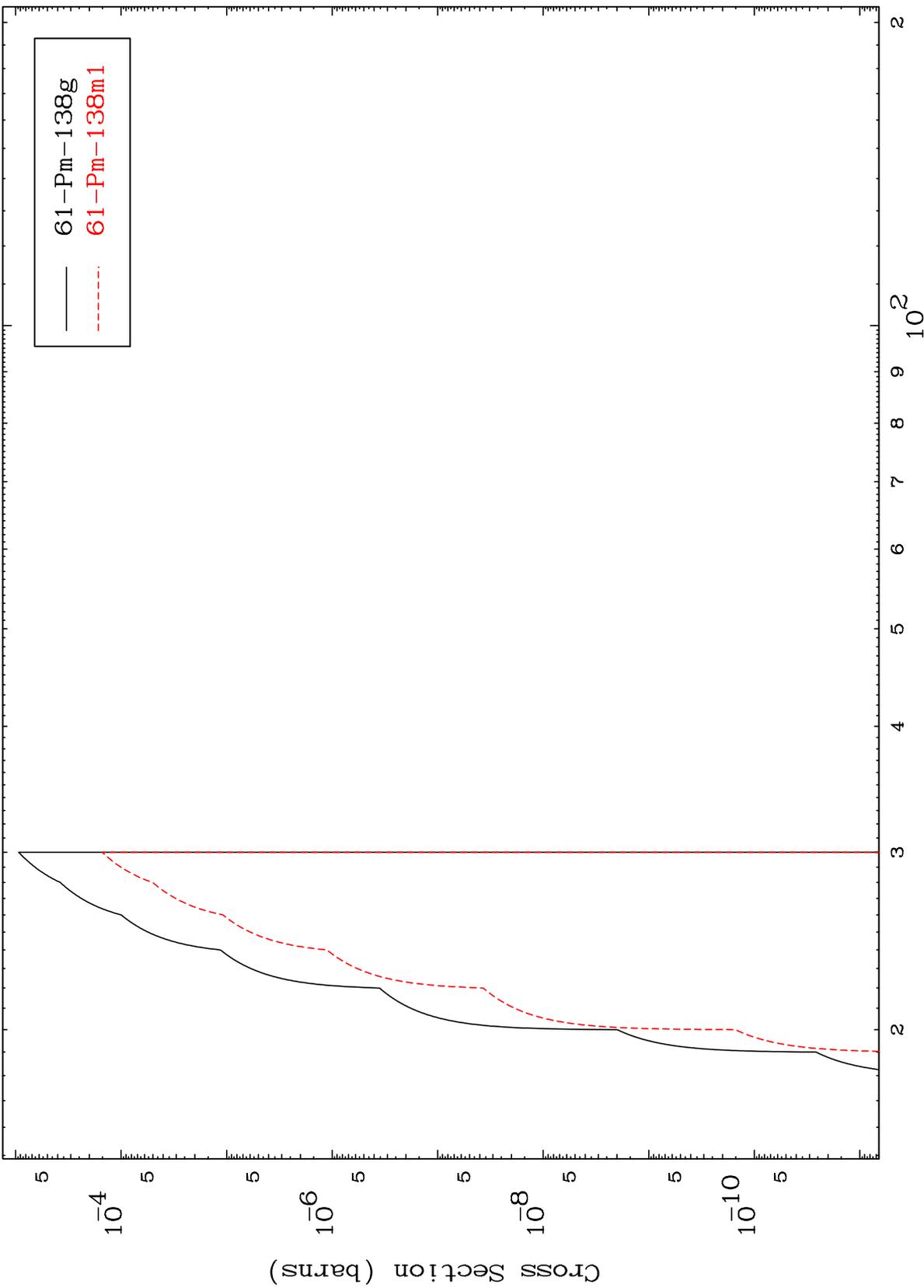
60-Nd-136

MAT 6007

(α, d)

60-Nd-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

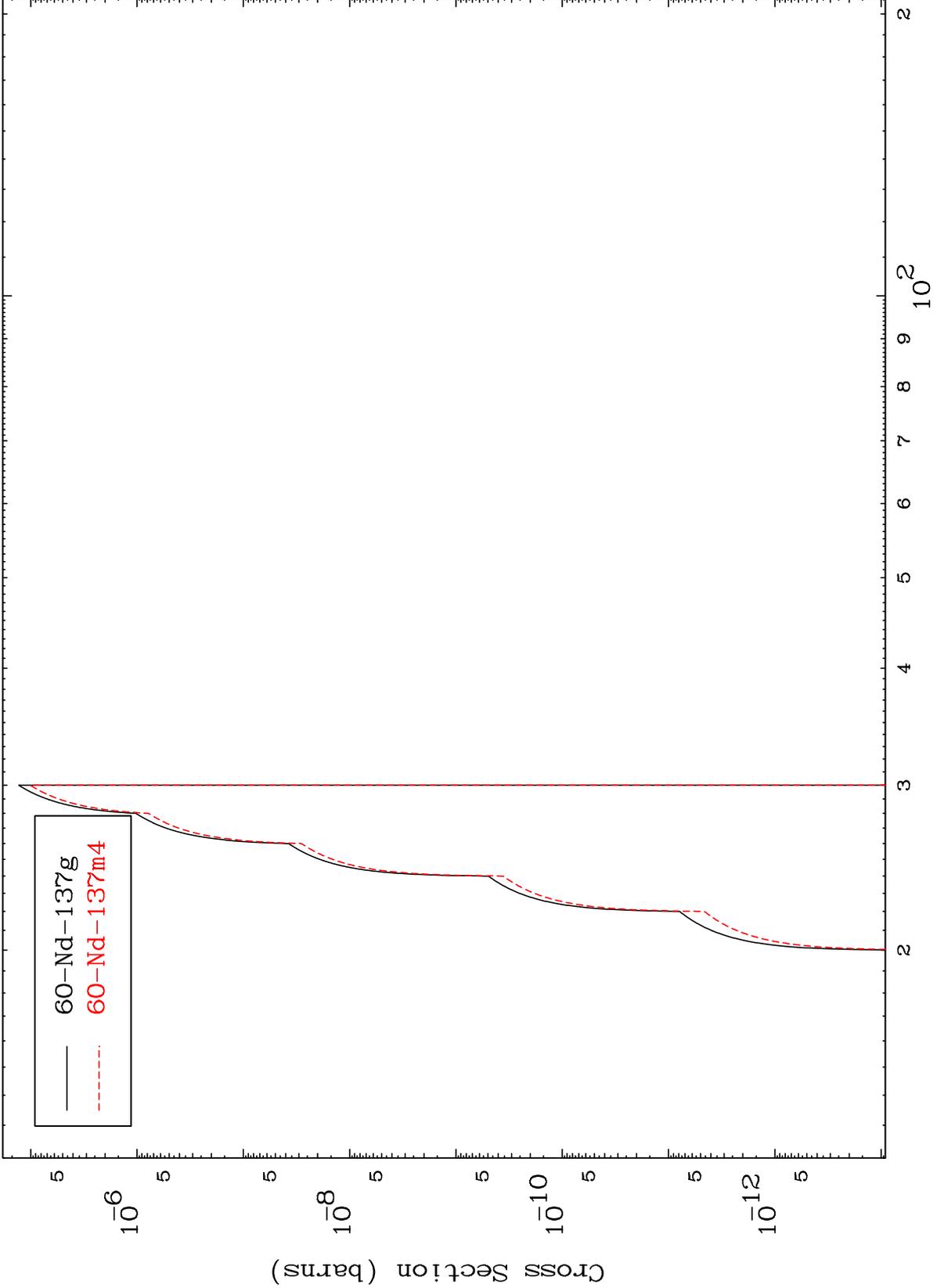
60-Nd-136

MAT 6007

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

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

Radionuclide Production Cross Section

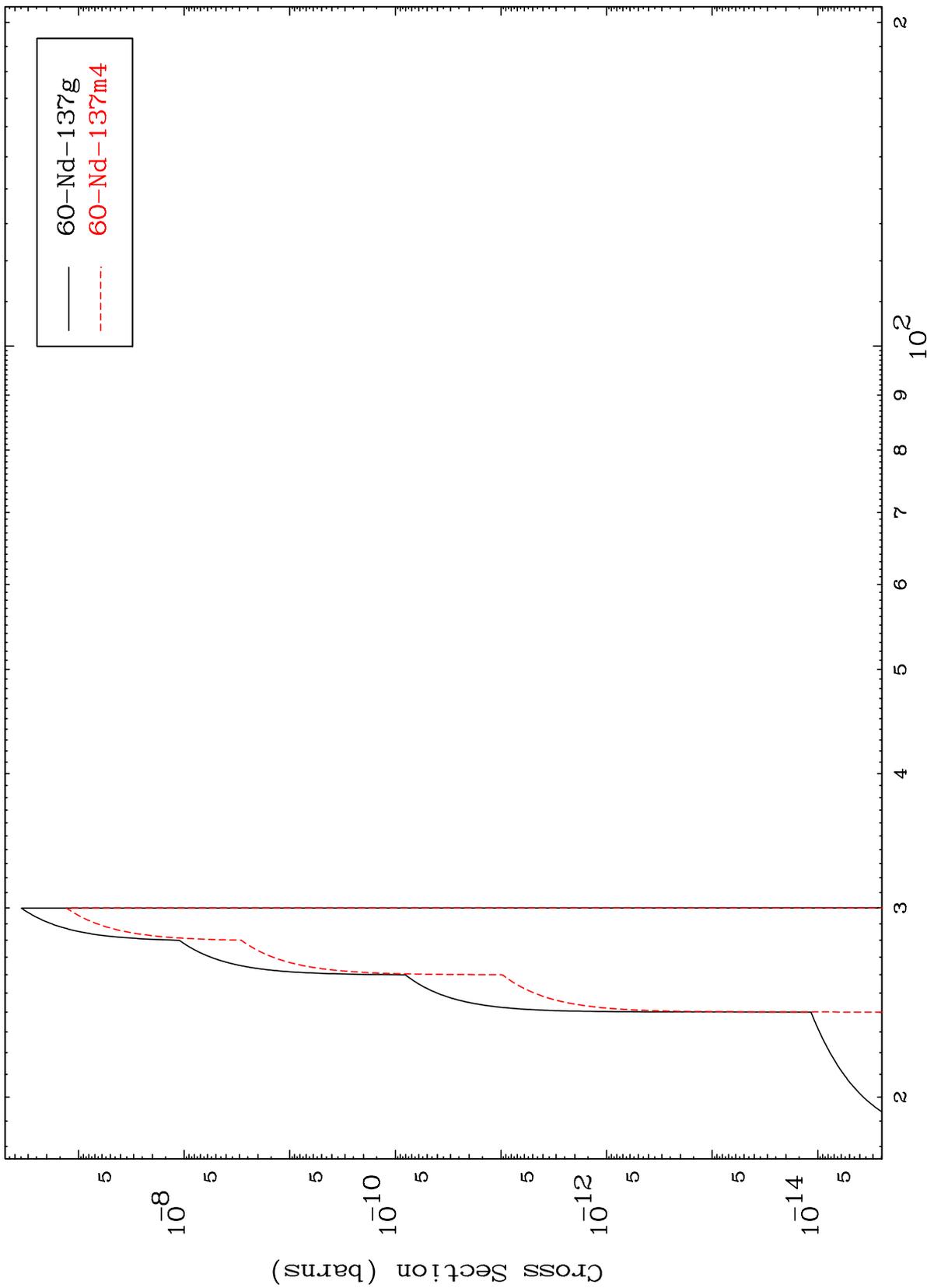


MAT 6007

(α, p) d

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

Radionuclide Production Cross Section



18

Incident Energy (MeV)

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