

Program EVALPLOT
(Version 2018-1)

by

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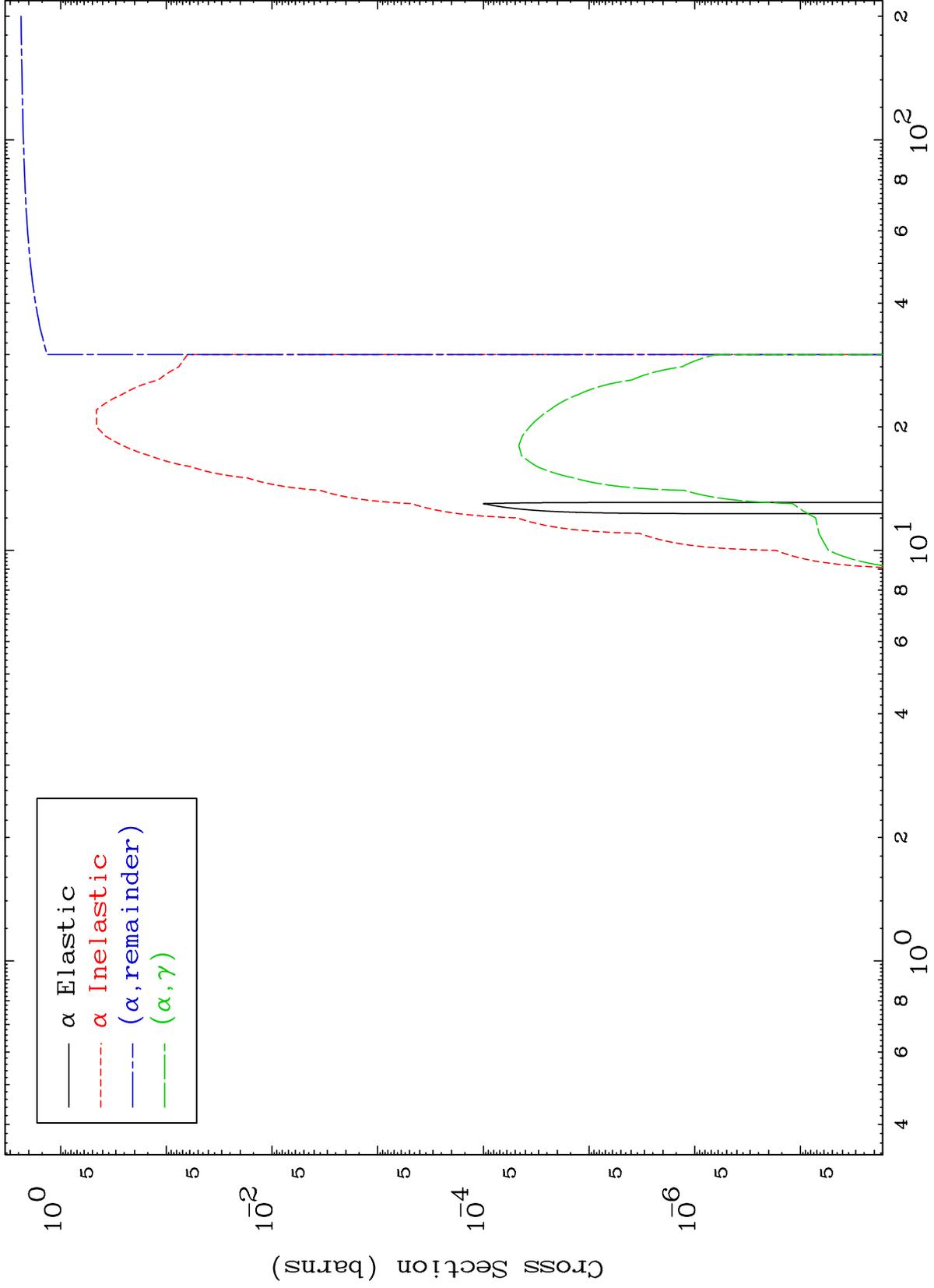
Press Mouse Button to Start

MAT 6023

α Major

60-Nd-141

0 Kelvin Cross Sections



1

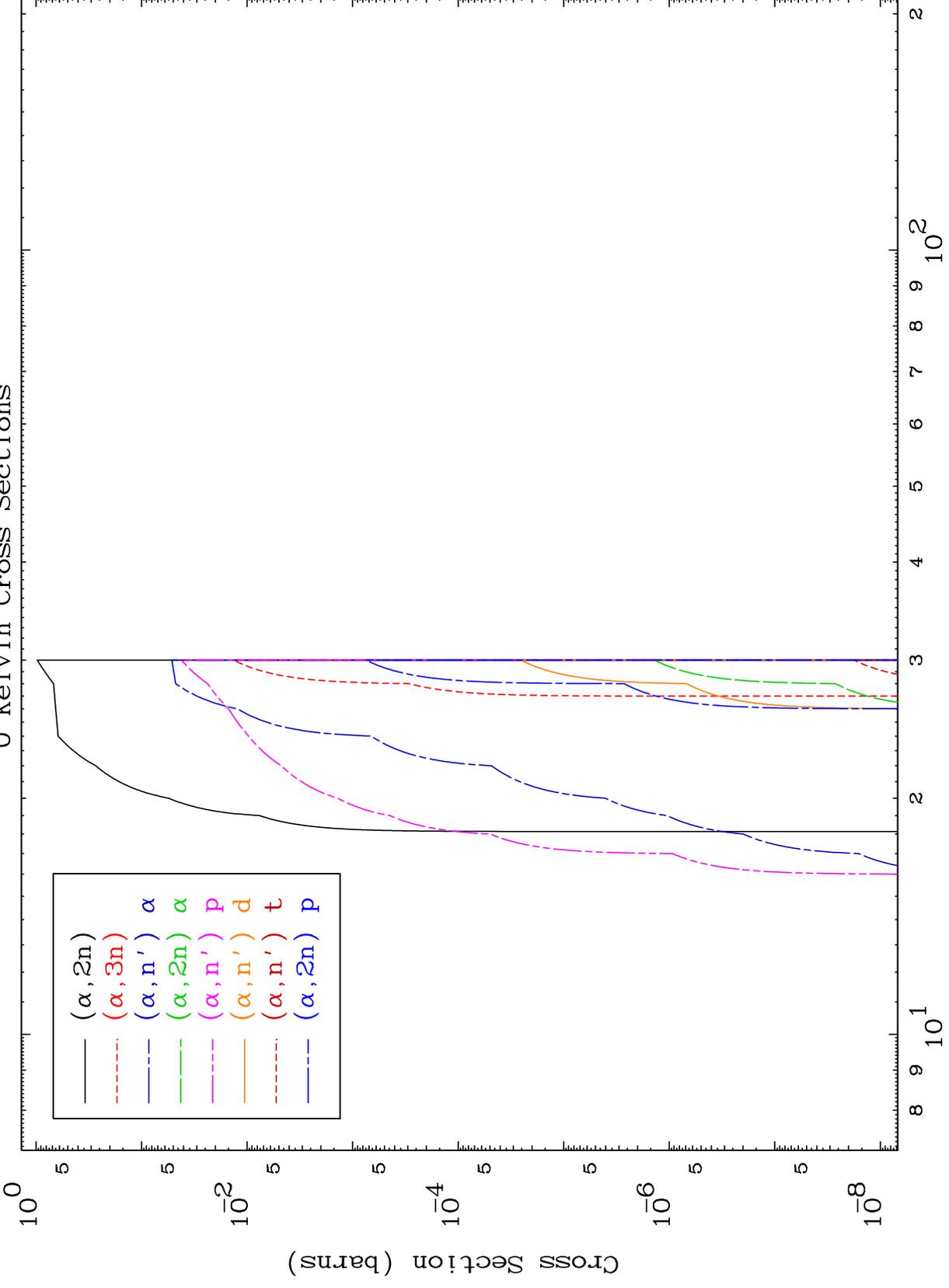
Incident Energy (MeV)

60-Nd-141

MAT 6023

α Neutron Production
0 Kelvin Cross Sections

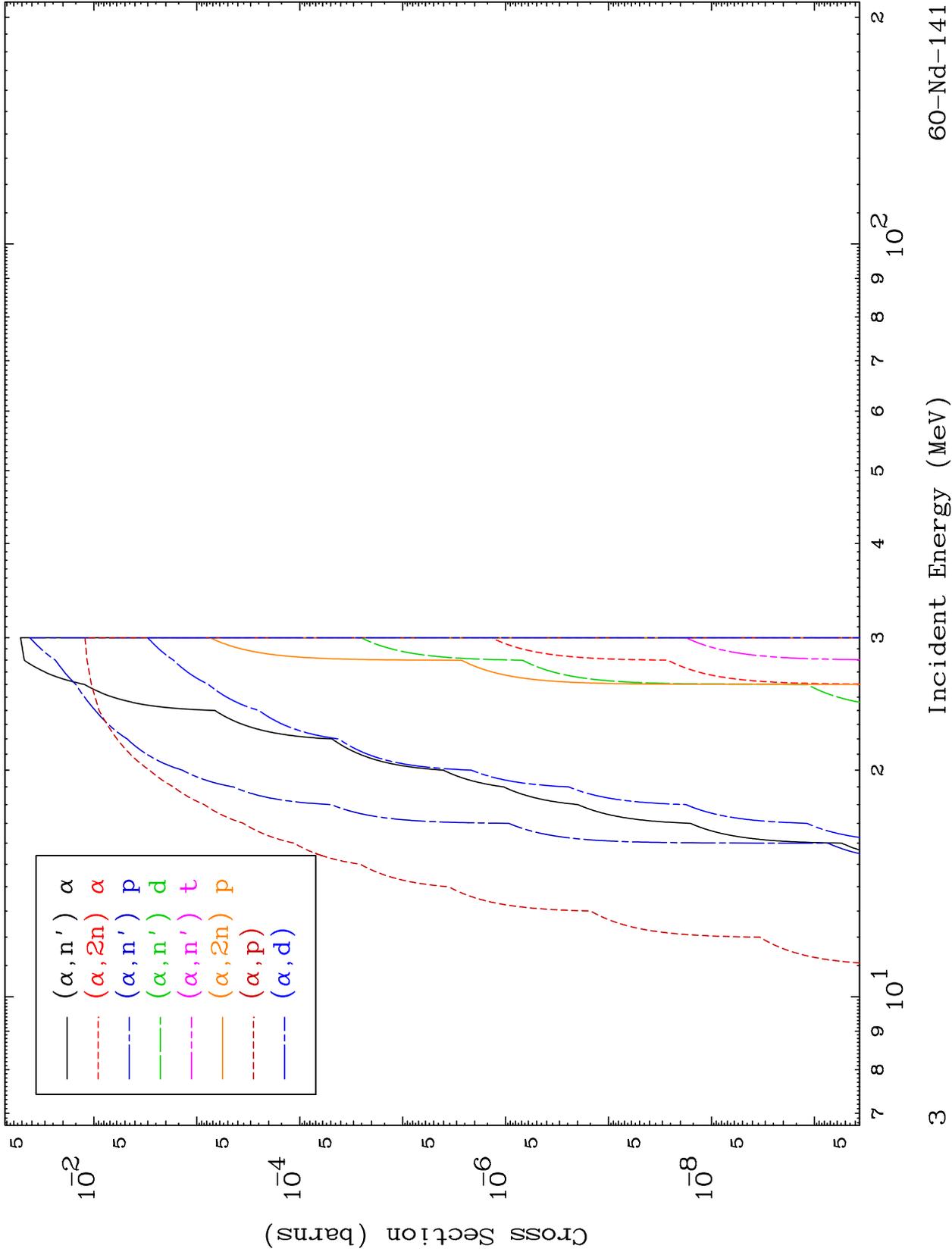
60-Nd-141



2

Incident Energy (MeV)

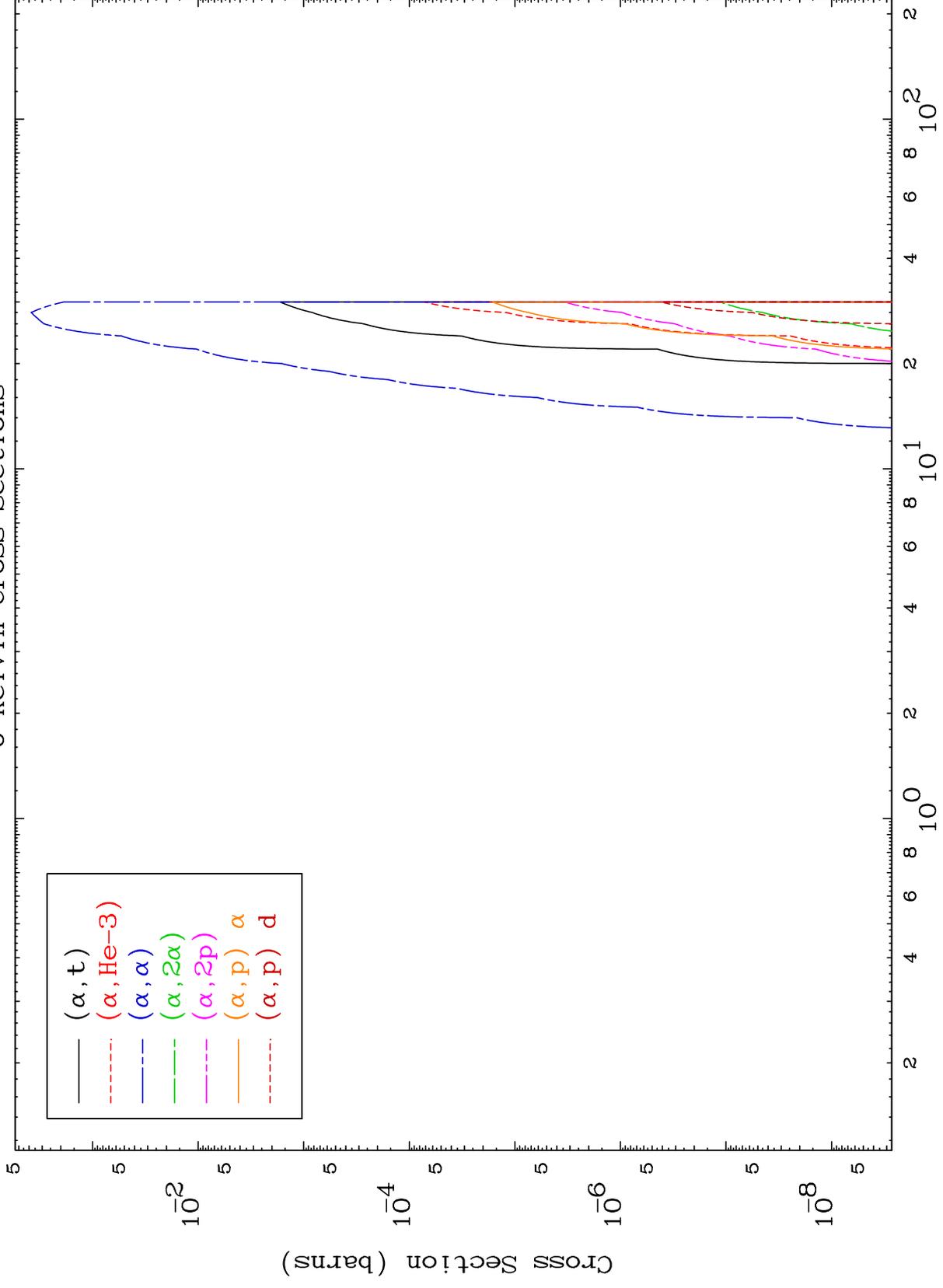
60-Nd-141



MAT 6023

α Charged Particle
0 Kelvin Cross Sections

60-Nd-141

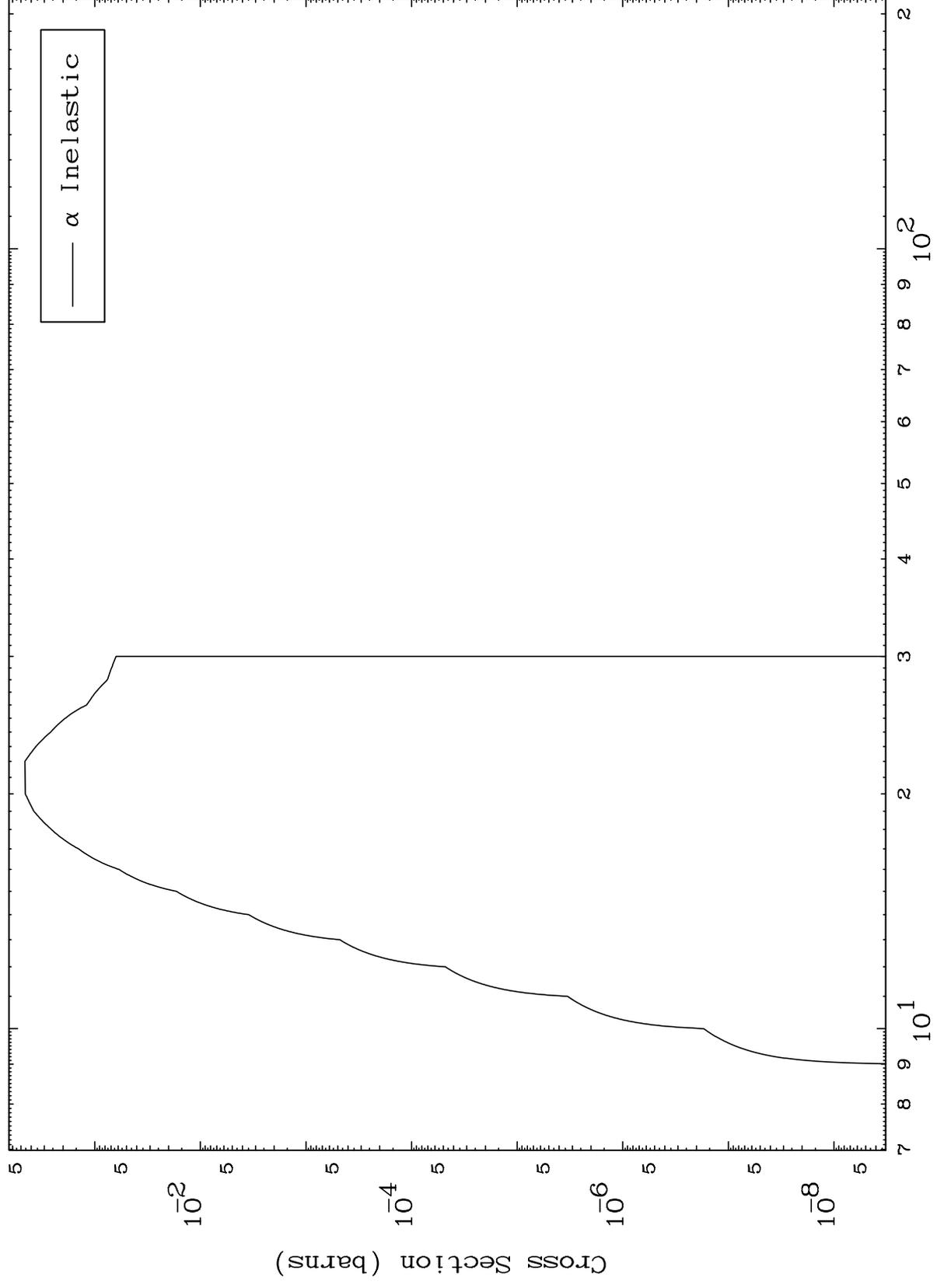


MAT 6023

(α, n') Level

60-Nd-141

0 Kelvin Cross Sections



5

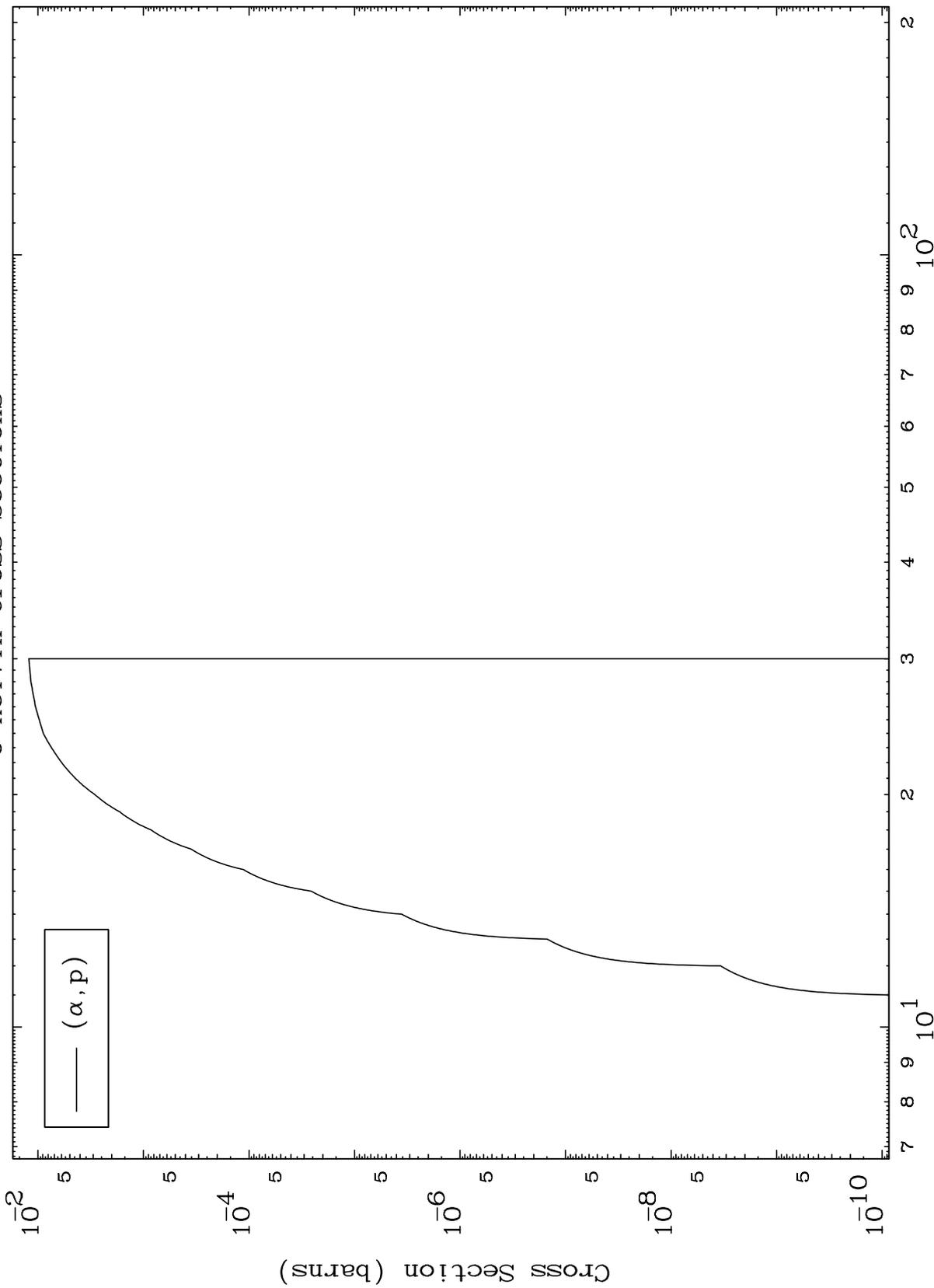
Incident Energy (MeV)

60-Nd-141

MAT 6023

60-Nd-141

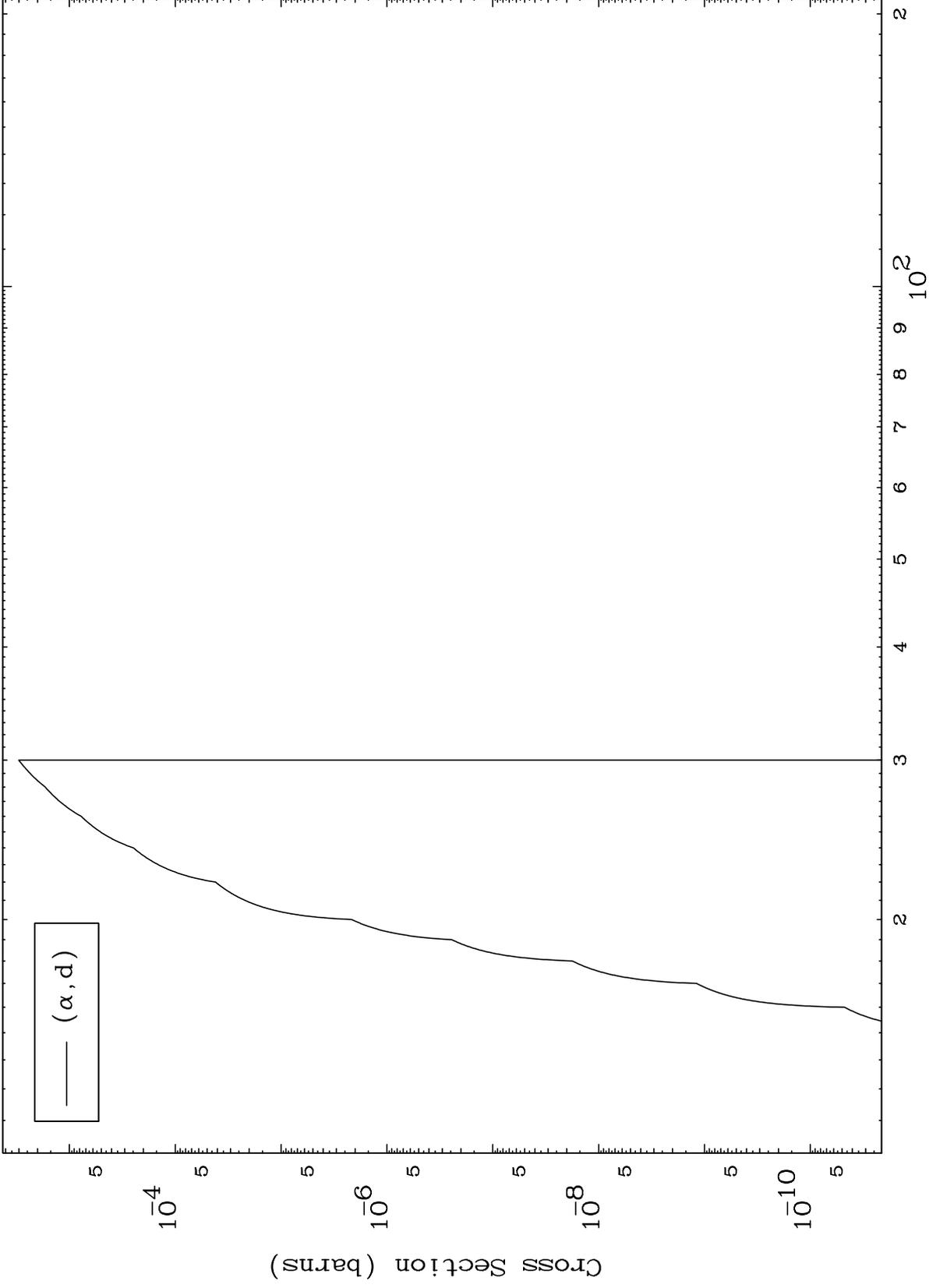
(α, p) Levels
0 Kelvin Cross Sections



60-Nd-141

Incident Energy (MeV)

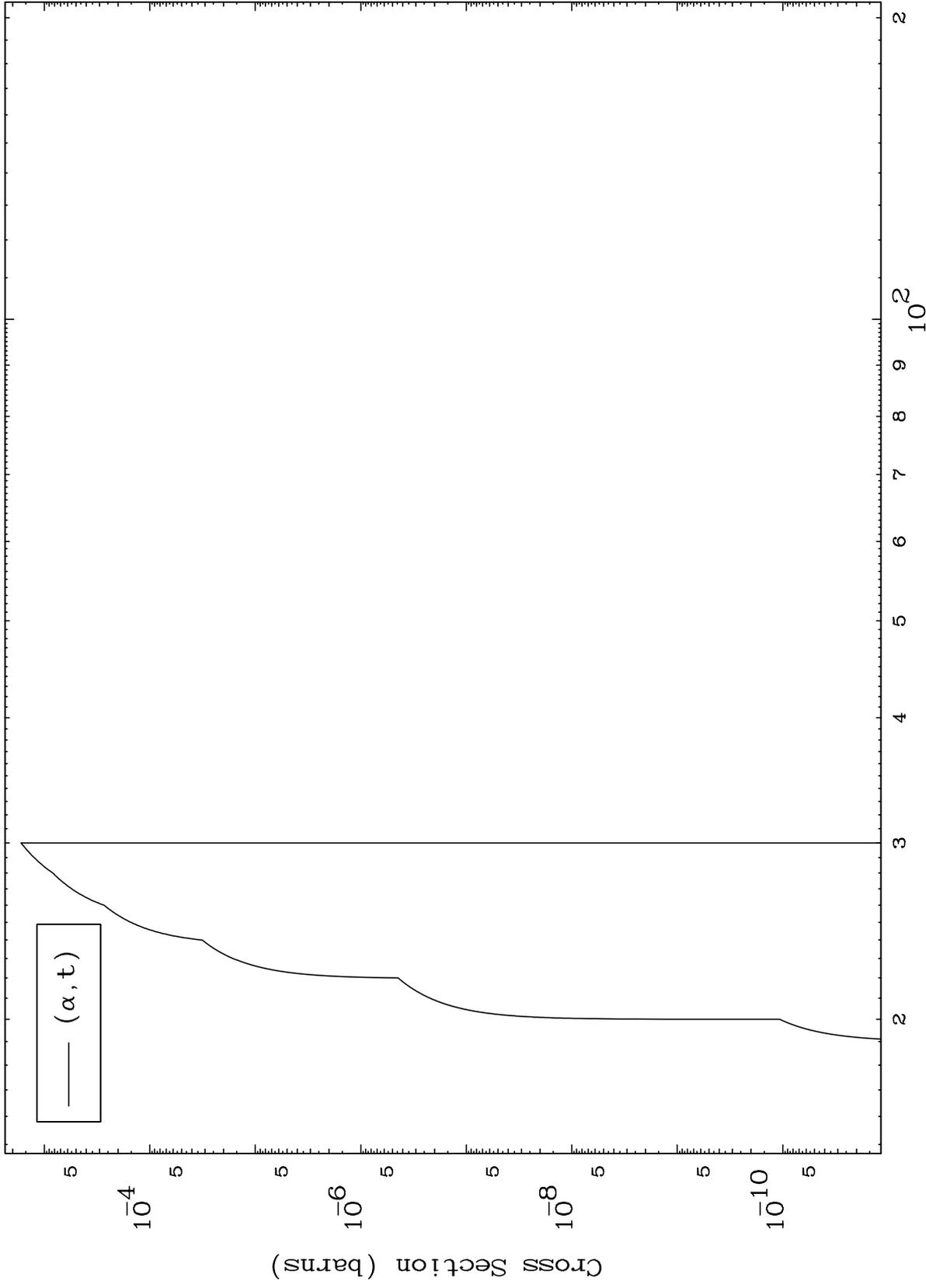
6



MAT 6023

(α, t) Levels
0 Kelvin Cross Sections

60-Nd-141



8

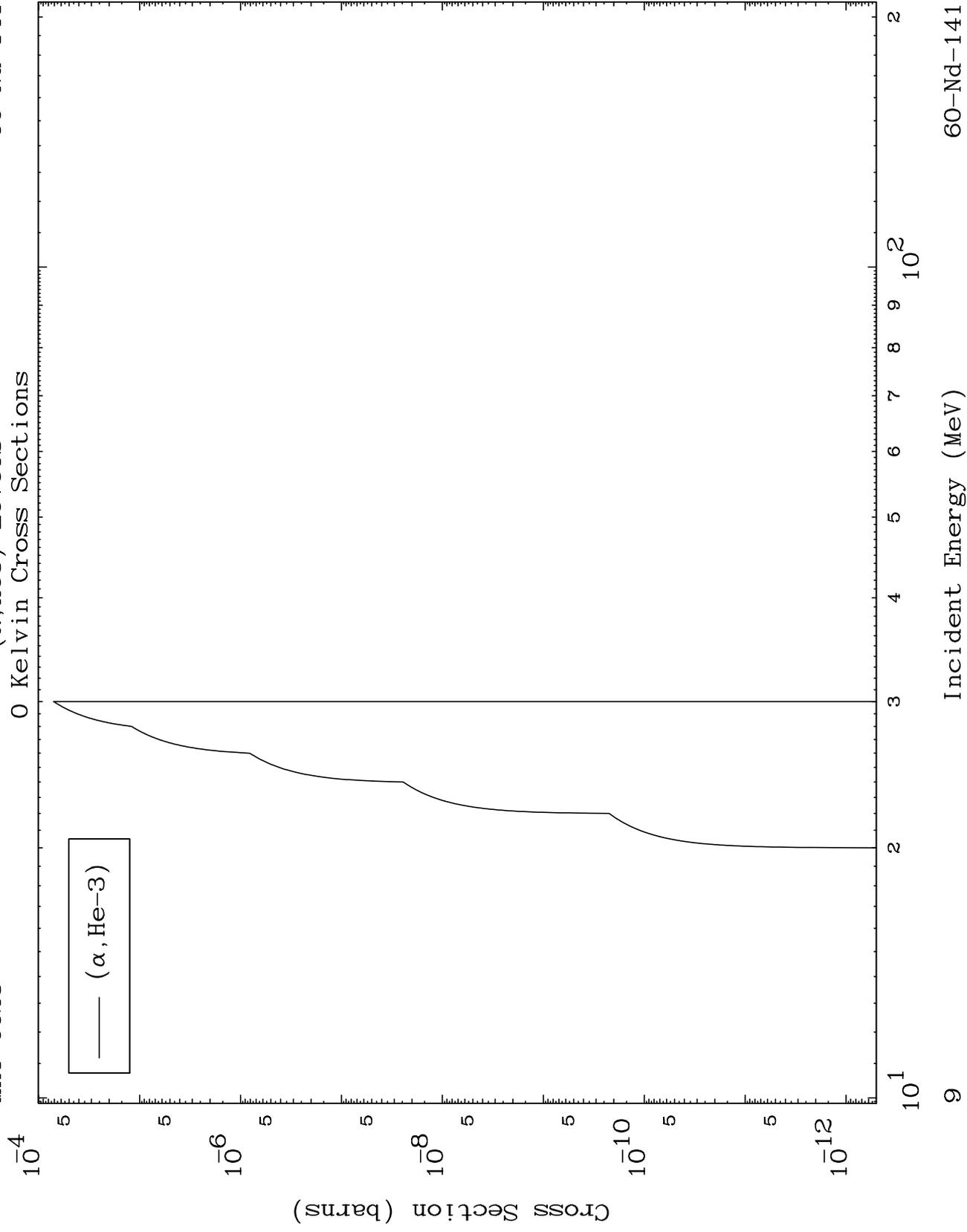
Incident Energy (MeV)

60-Nd-141

MAT 6023

60-Nd-141

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



60-Nd-141

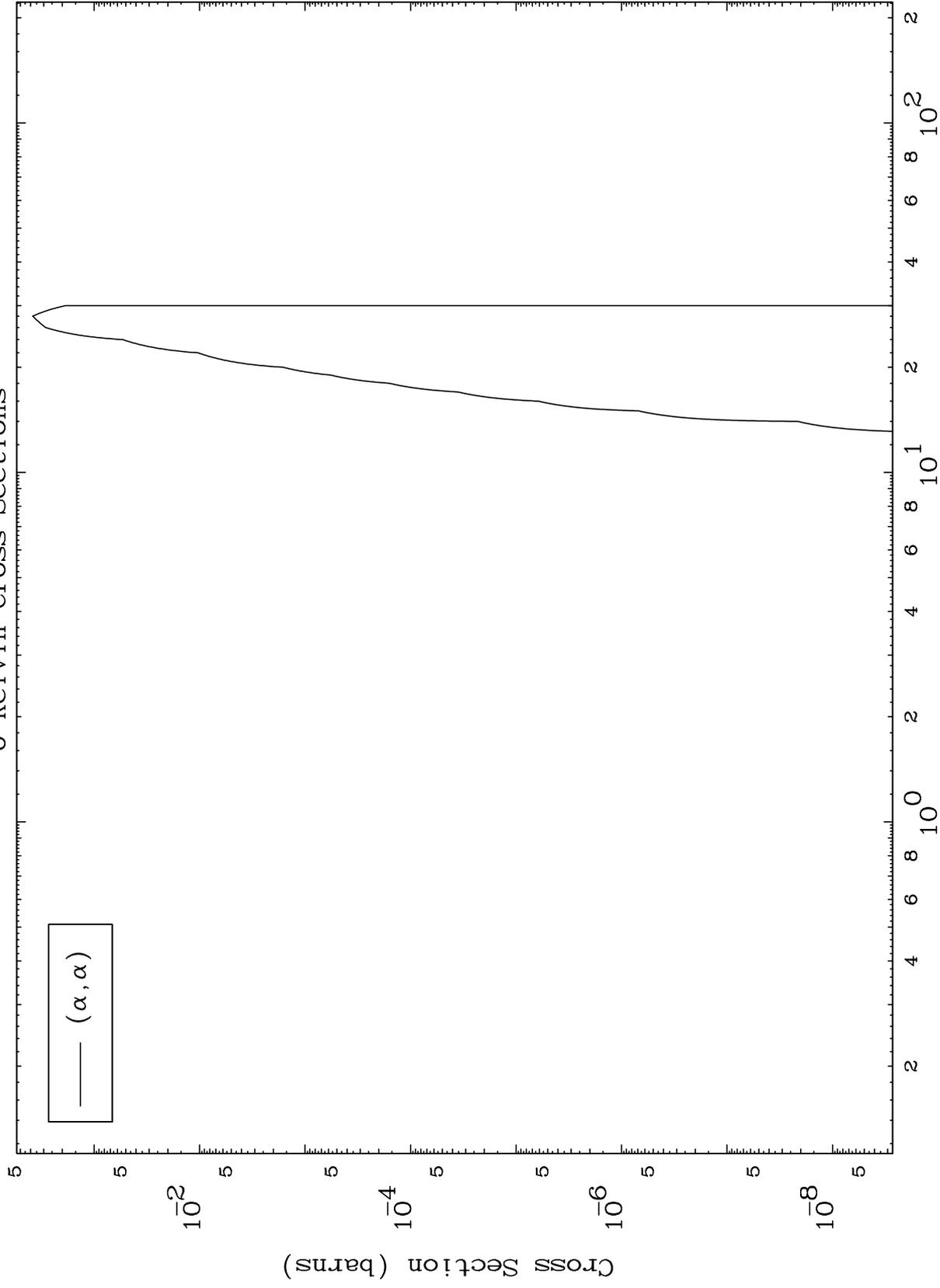
Incident Energy (MeV)

9

MAT 6023

(α, α) Levels
0 Kelvin Cross Sections

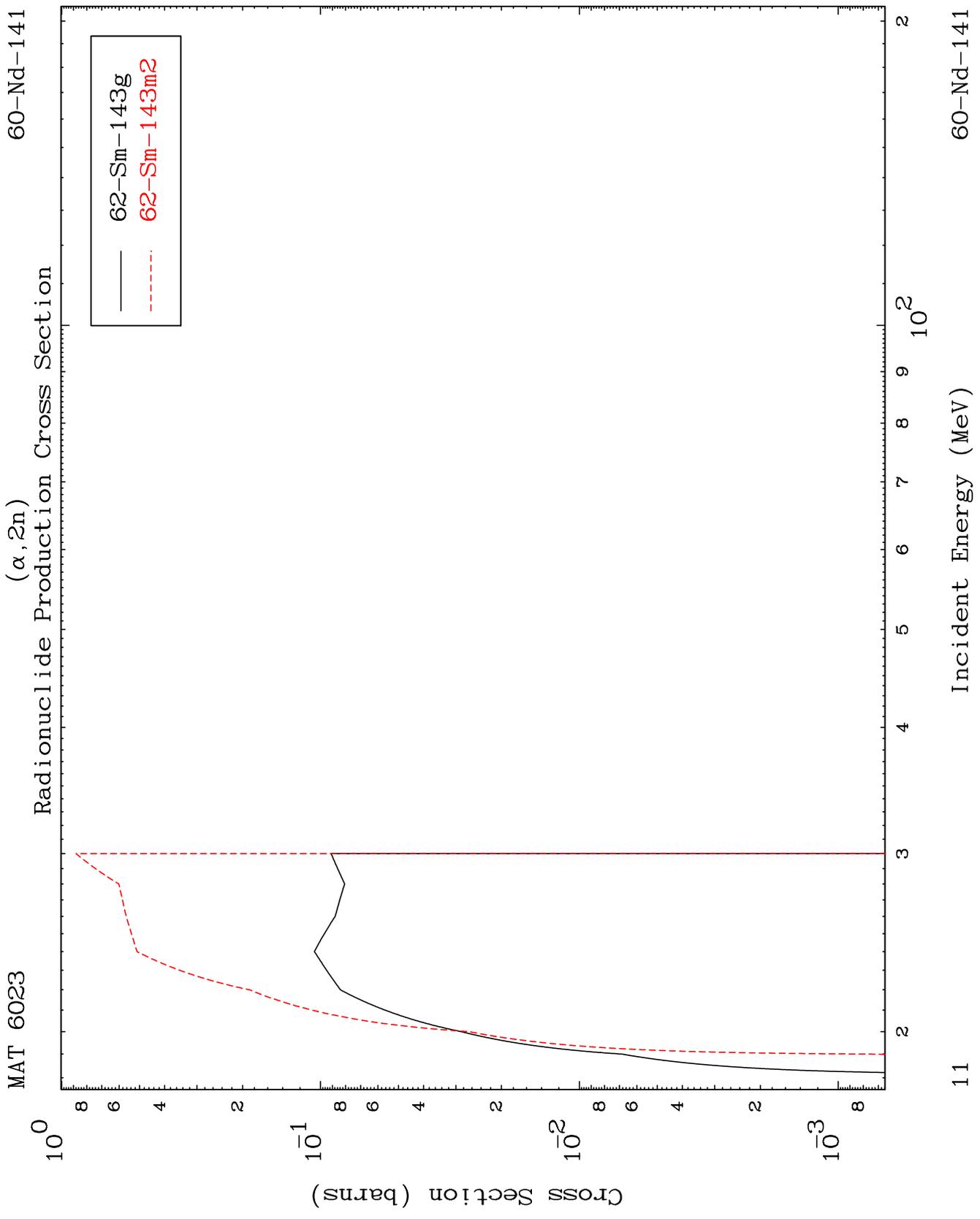
60-Nd-141



10

Incident Energy (MeV)

60-Nd-141

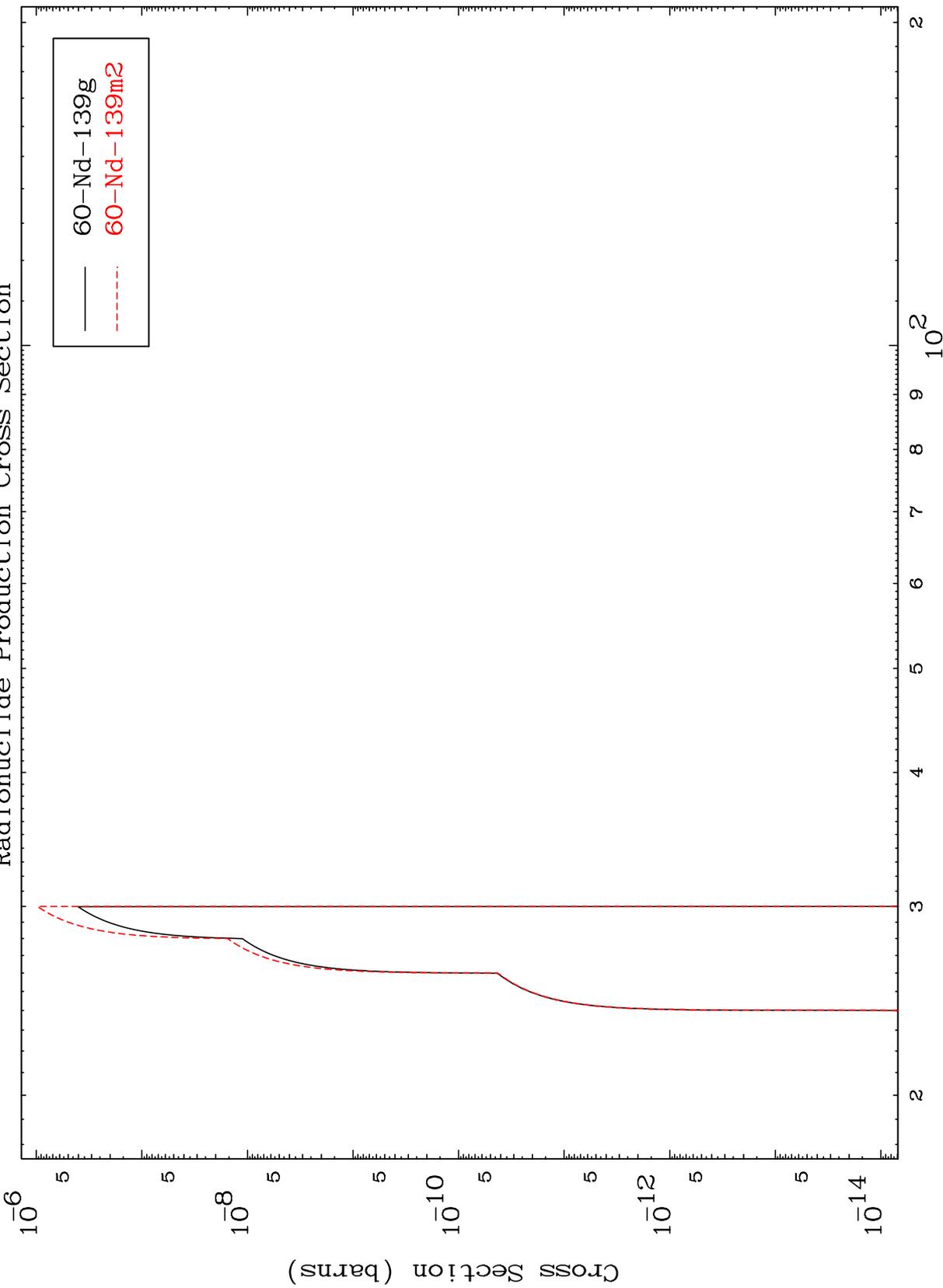


MAT 6023

$(\alpha, 2n) \alpha$

60-Nd-141

Radionuclide Production Cross Section



12

Incident Energy (MeV)

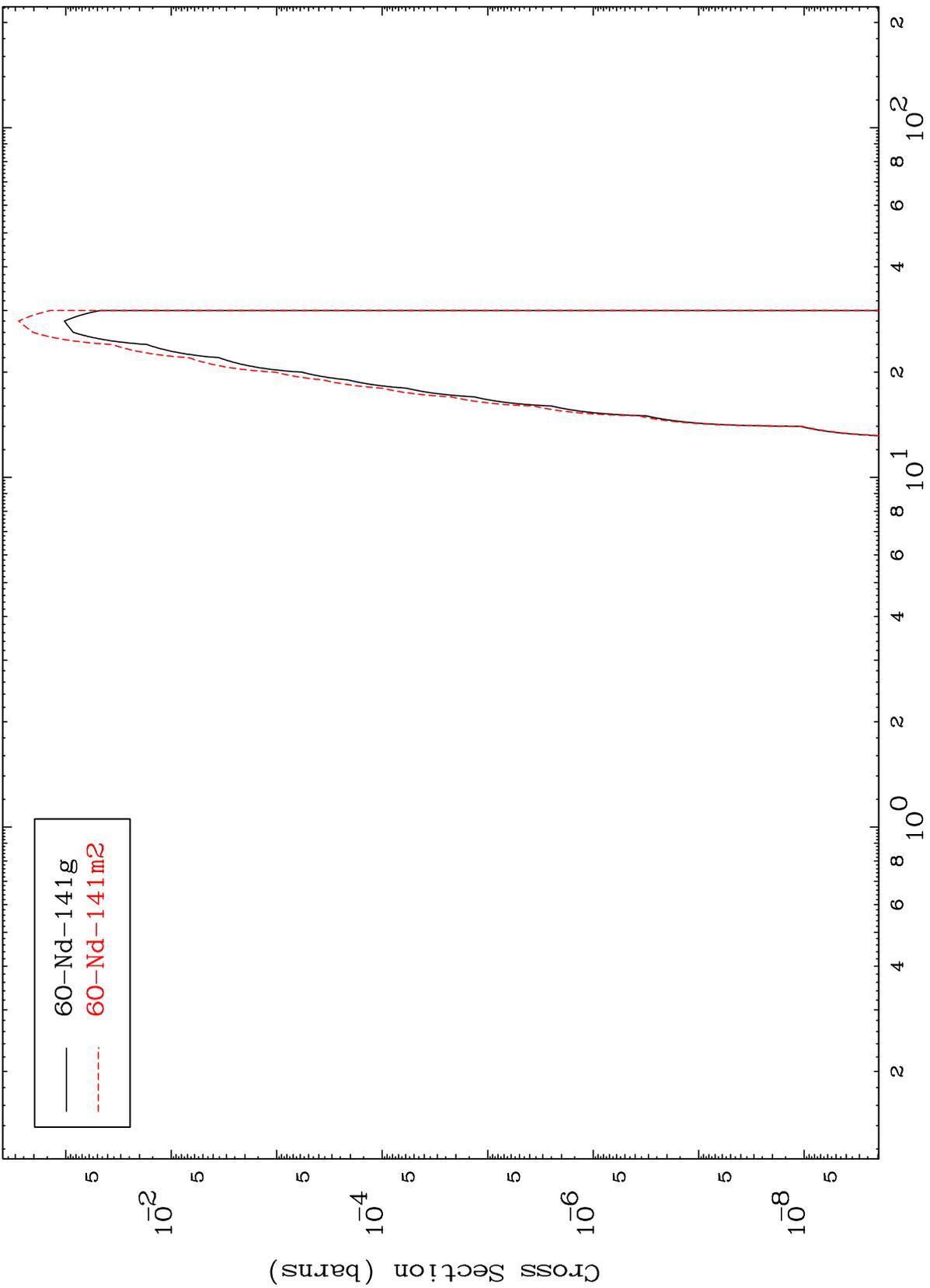
60-Nd-141

MAT 6023

(α, α)

$^{60}\text{Nd-141}$

Radionuclide Production Cross Section

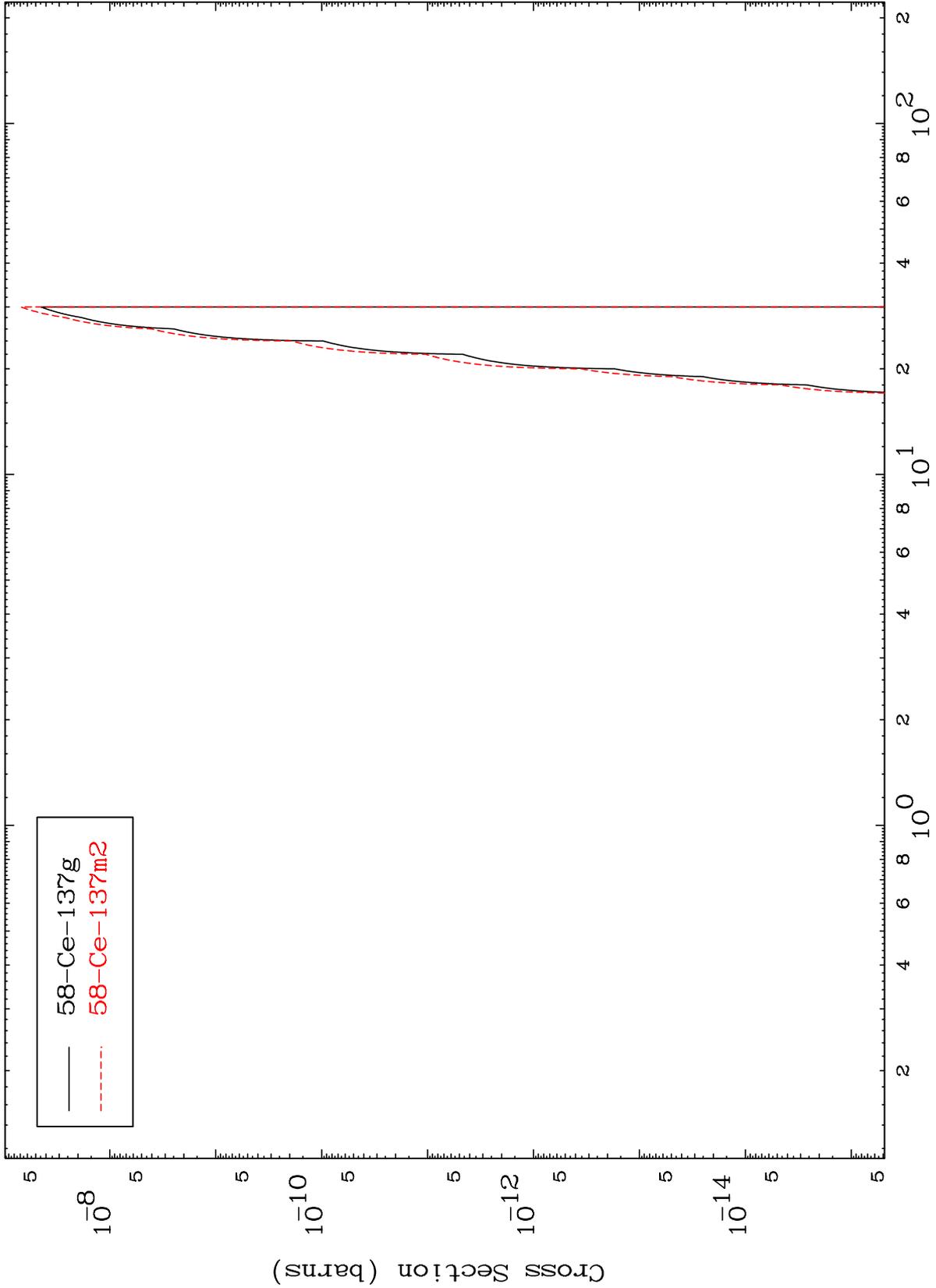


MAT 6023

($\alpha, 2\alpha$)

60-Nd-141

Radionuclide Production Cross Section



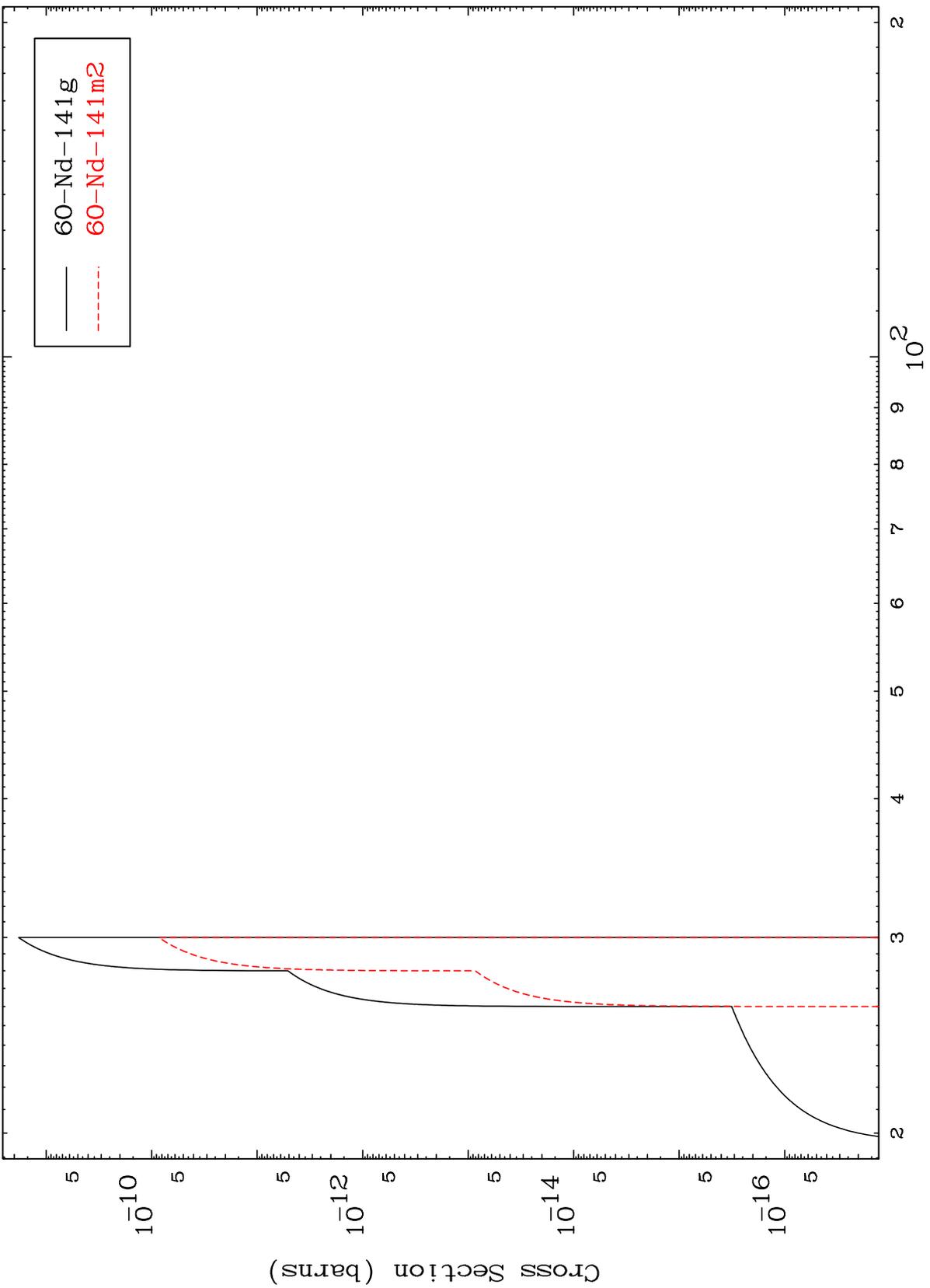
58-Ce-137g
58-Ce-137m2

MAT 6023

(α, p) t

$^{60}\text{Nd-141}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{60}\text{Nd-141}$