

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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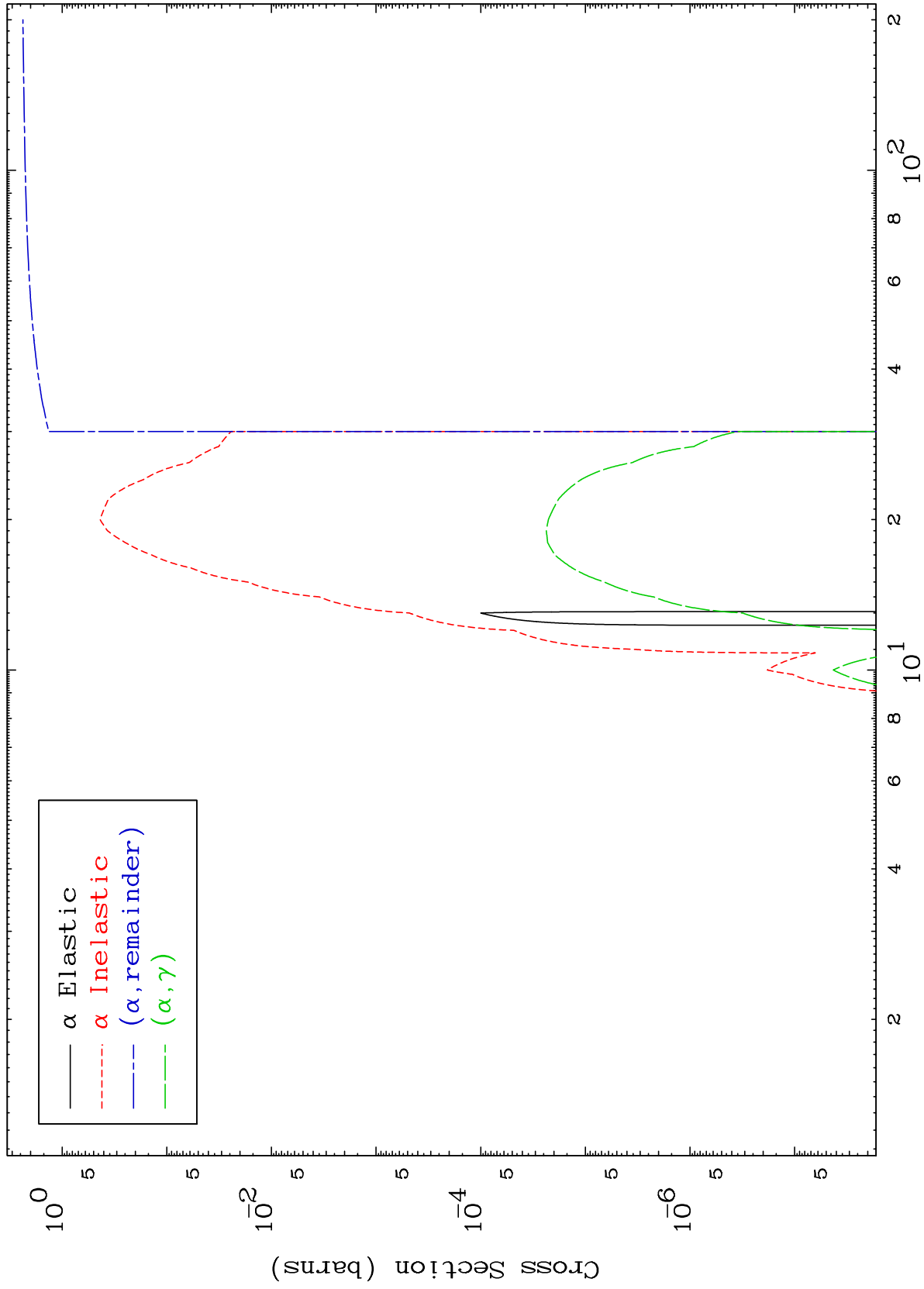
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6022

0 Kelvin α Major

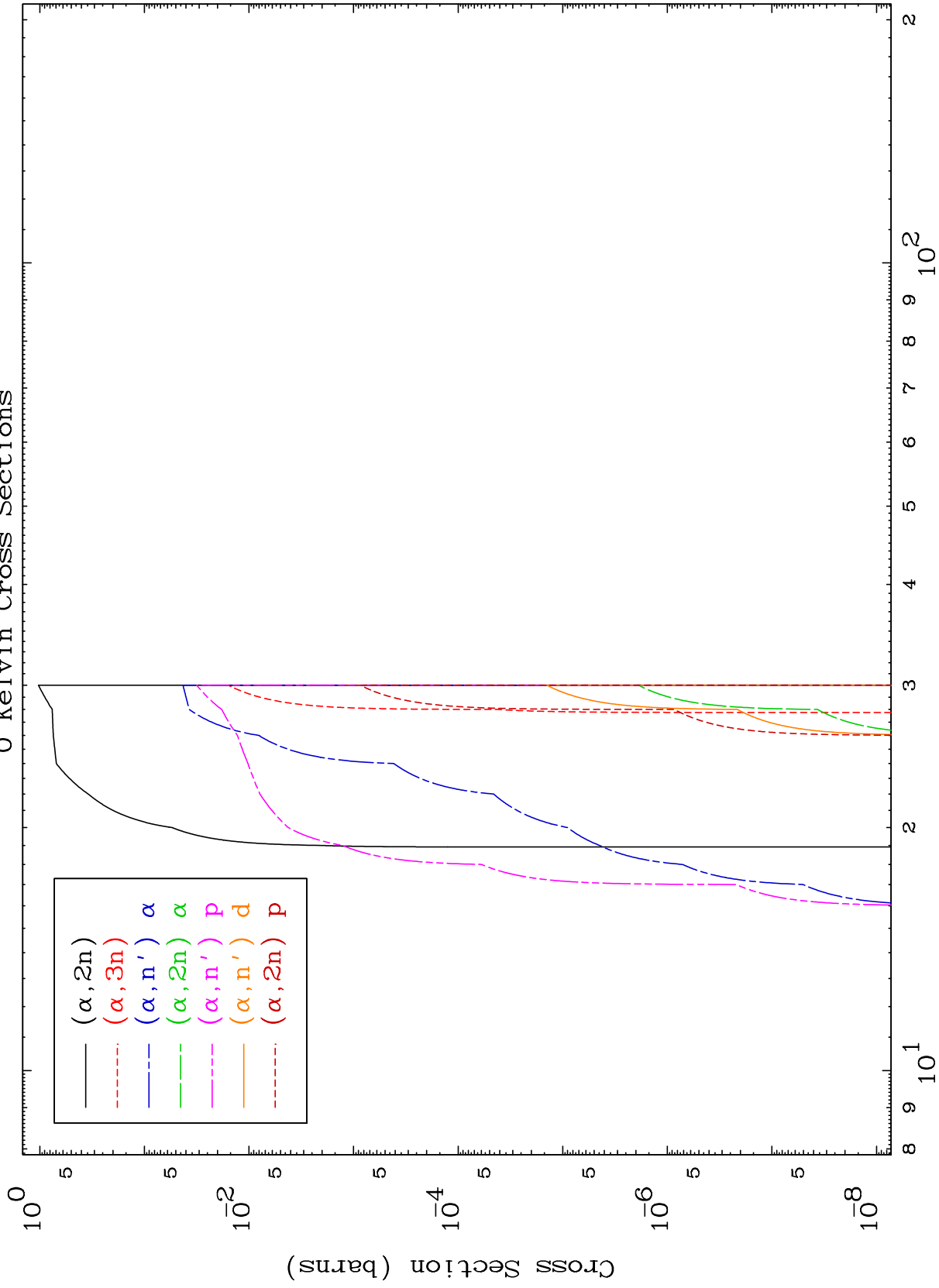
60-Nd-141



MAT 6022

α Neutron Production
0 Kelvin Cross Sections

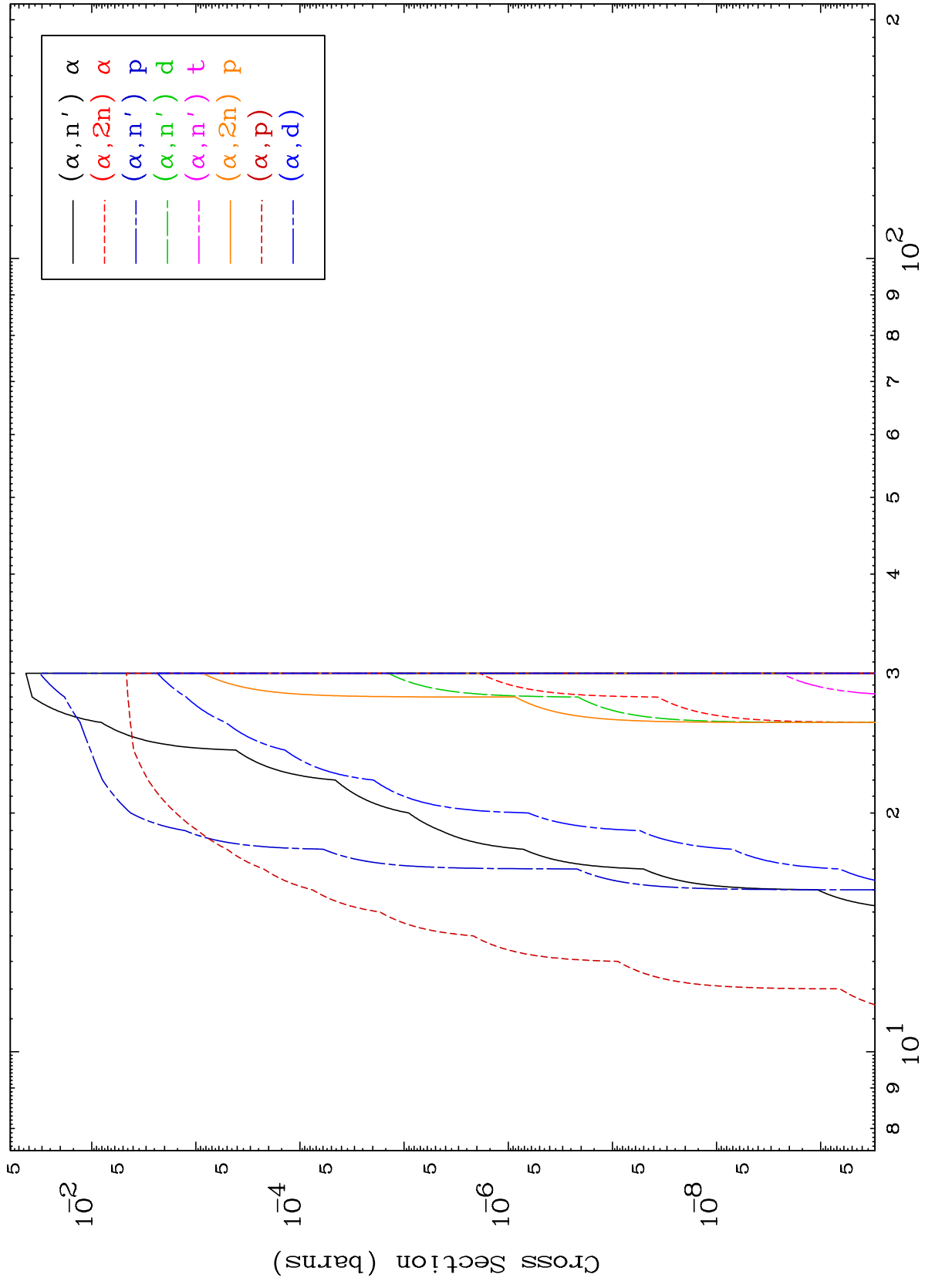
60-Nd-141



2

Incident Energy (MeV)

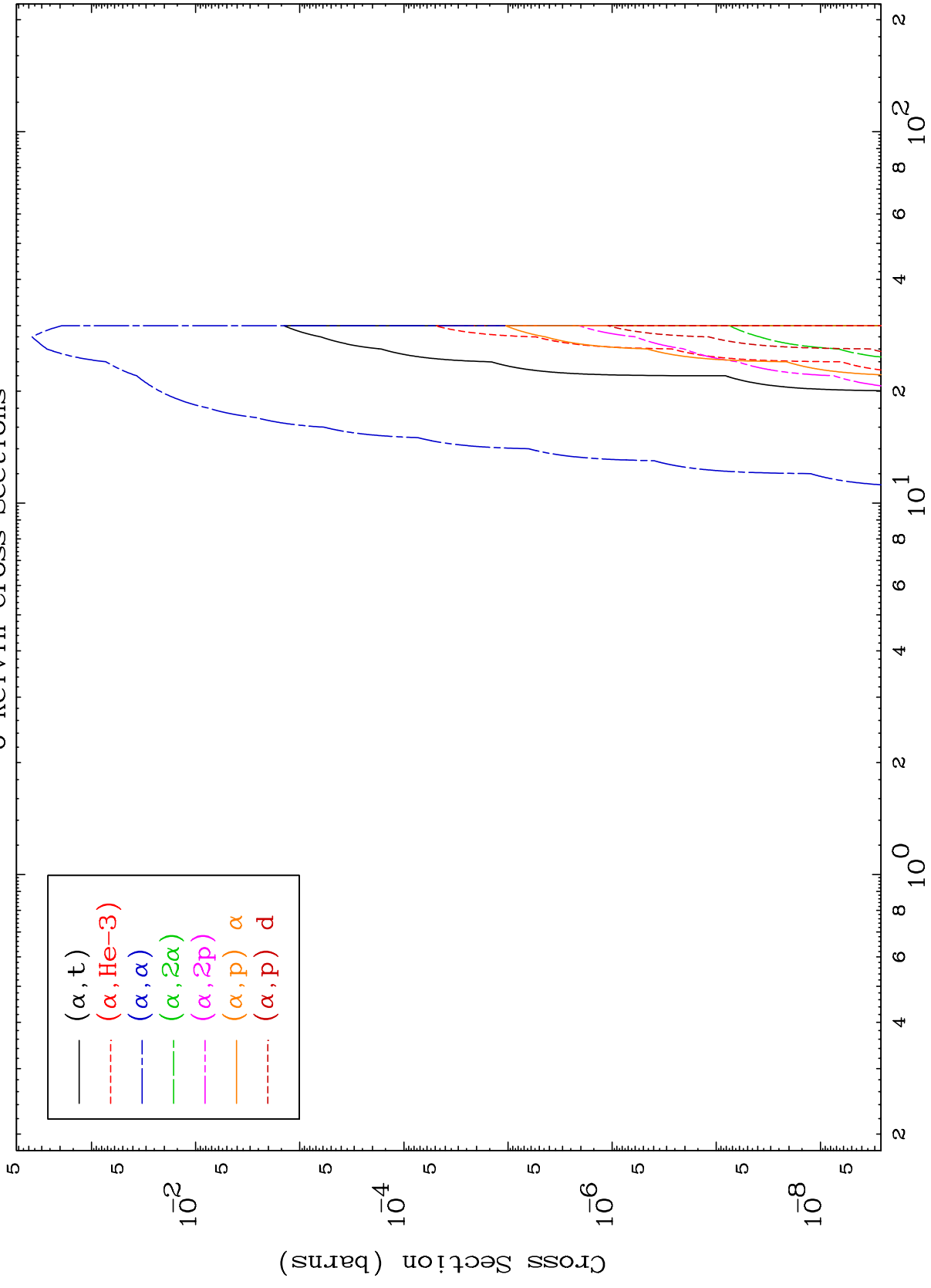
60-Nd-141



MAT 6022

α Charged Particle
0 Kelvin Cross Sections

60-Nd-141



4

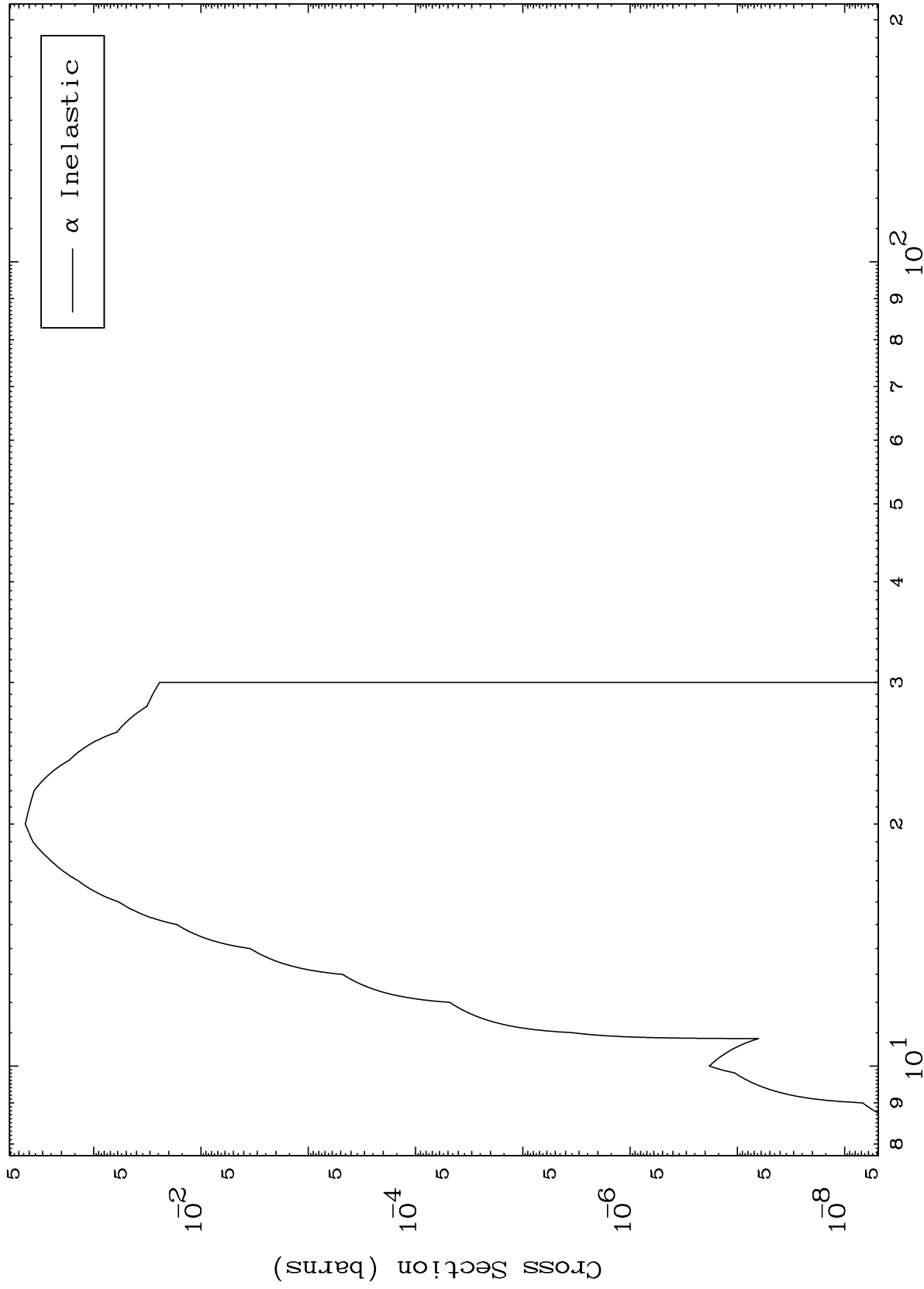
Incident Energy (MeV)

60-Nd-141

MAT 6022

(α, n') Level
0 Kelvin Cross Sections

60-Nd-141



5

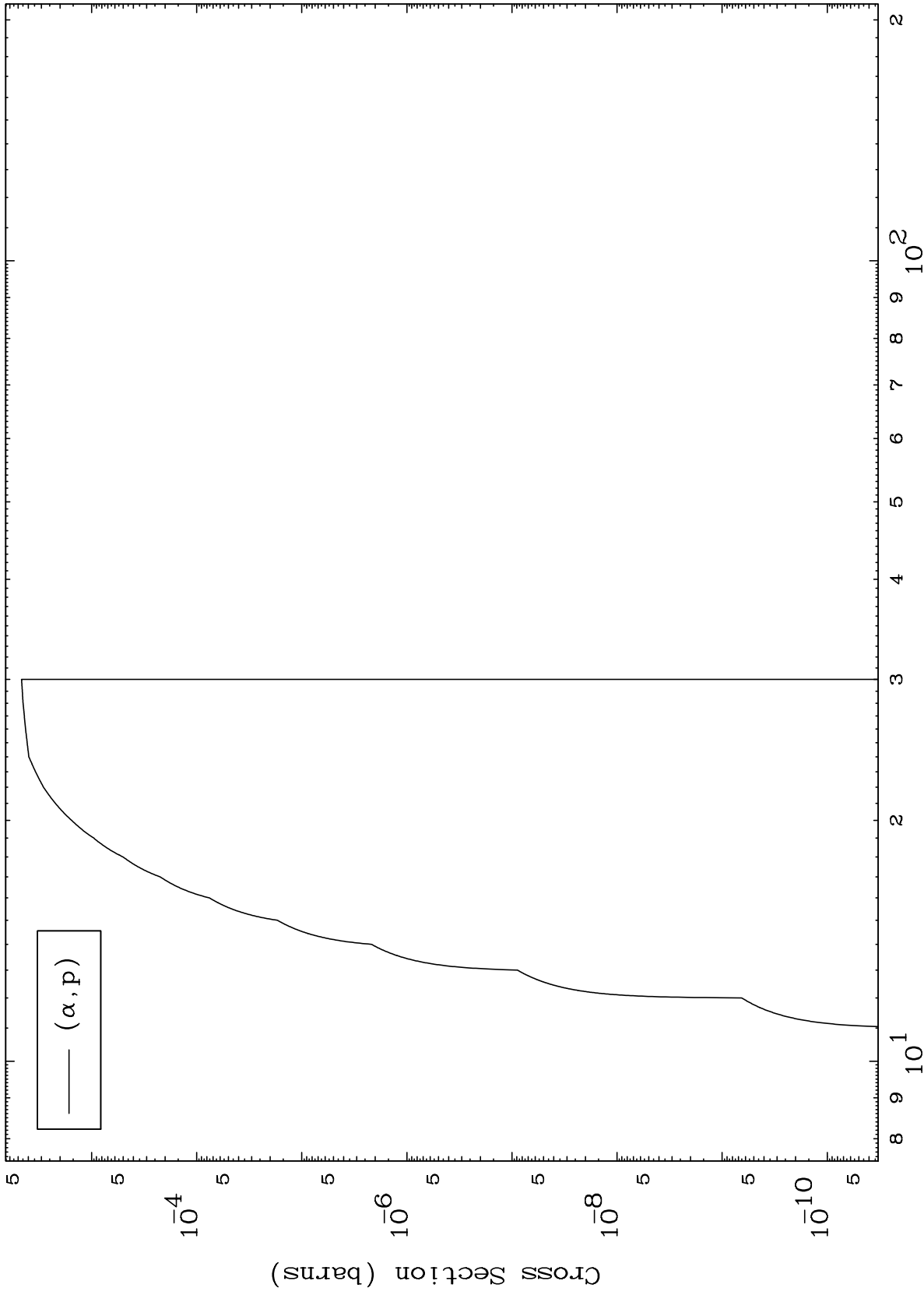
Incident Energy (MeV)

60-Nd-141

MAT 6022

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-141



6

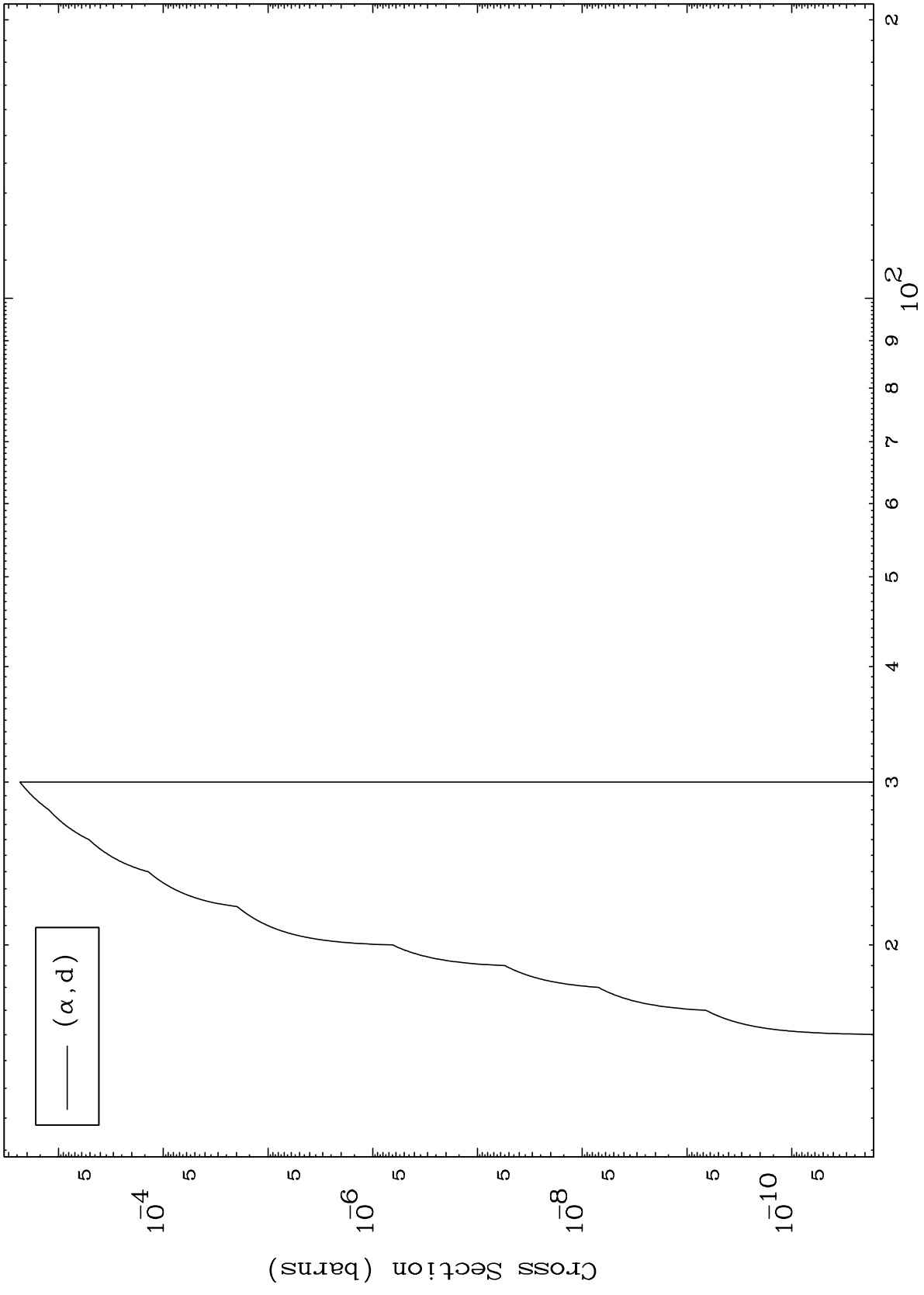
Incident Energy (MeV)

60-Nd-141

MAT 6022

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-141



7

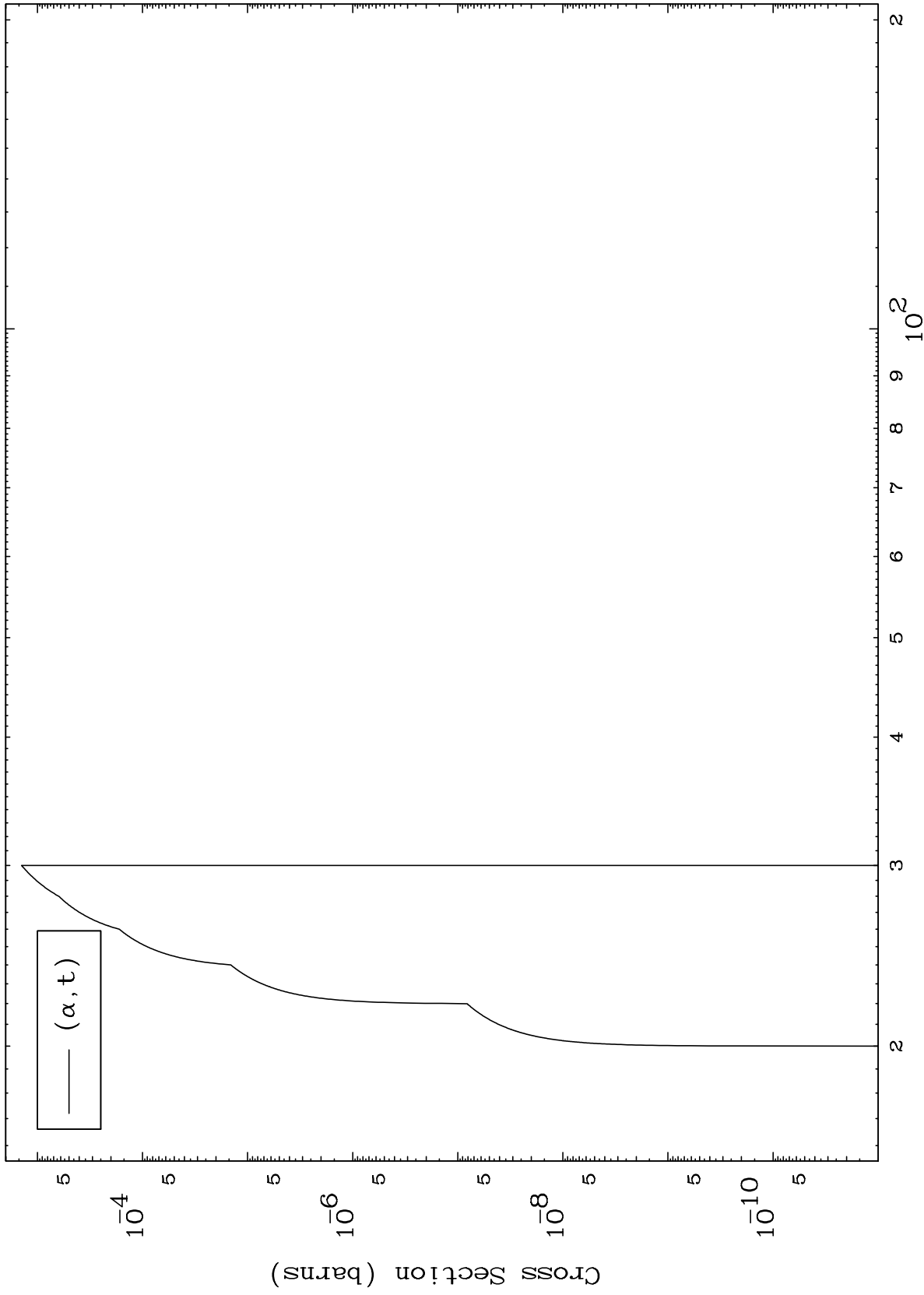
Incident Energy (MeV)

60-Nd-141

MAT 6022

(α, t) Levels
0 Kelvin Cross Sections

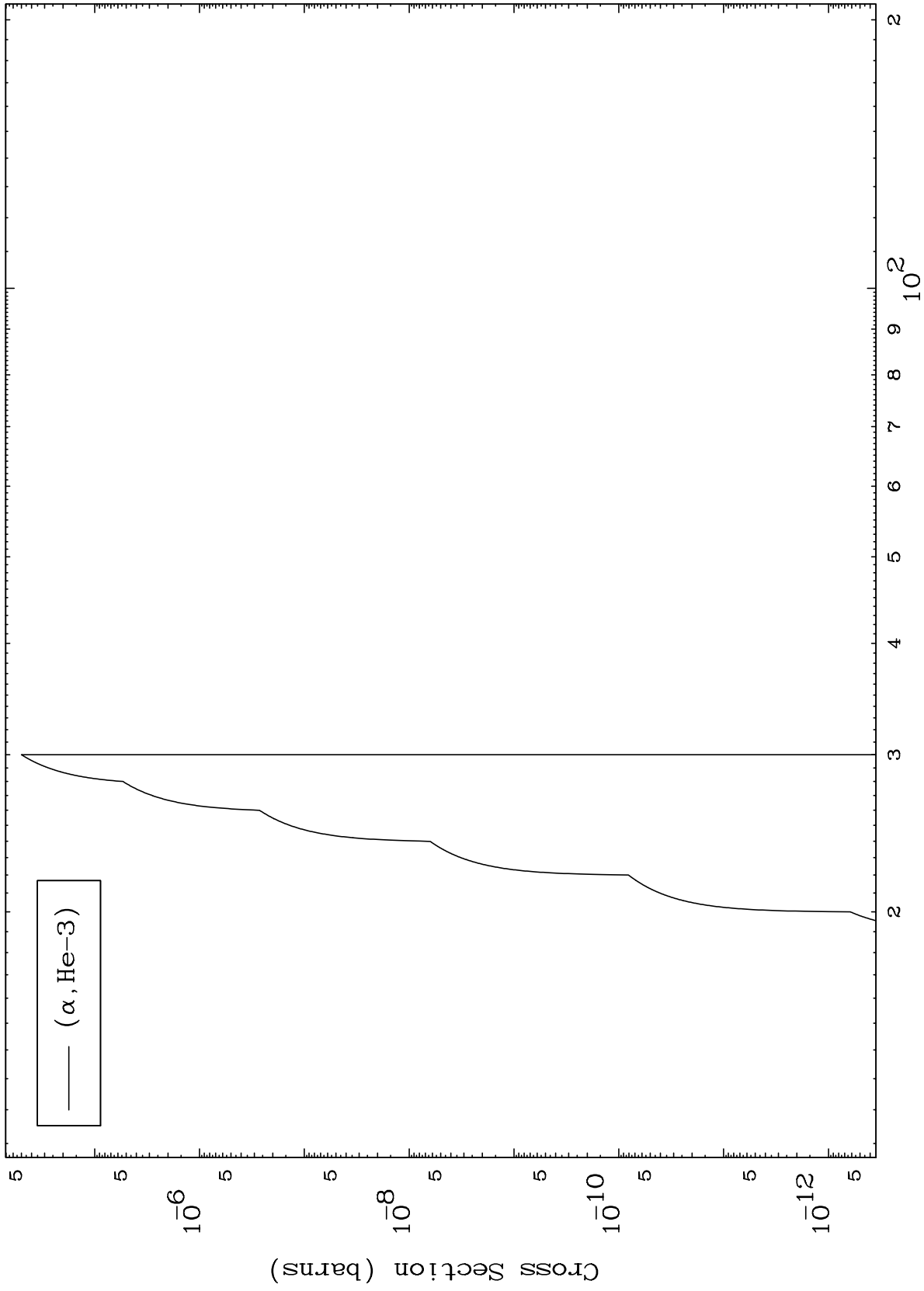
60-Nd-141



MAT 6022

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

60-Nd-141



9

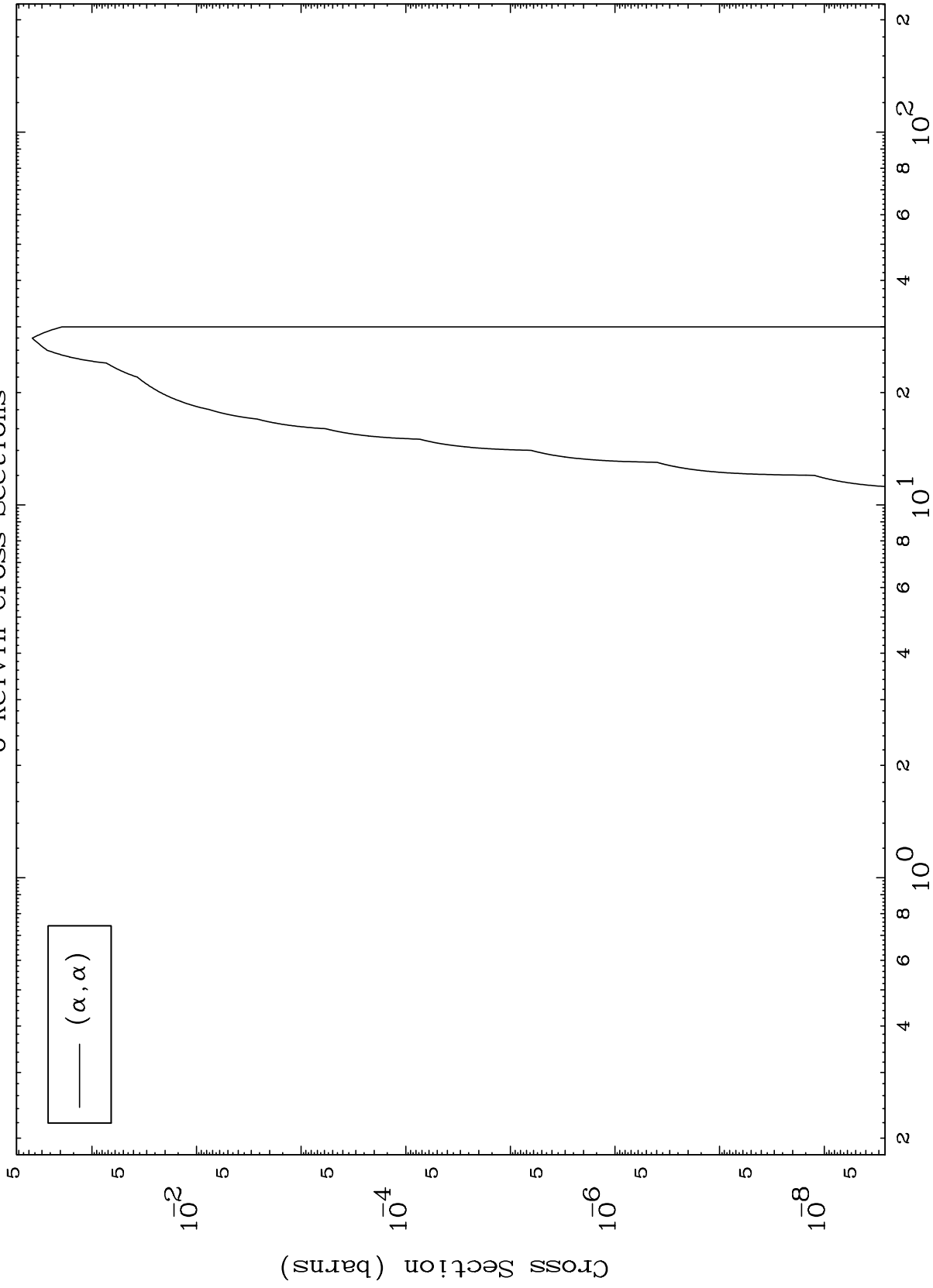
Incident Energy (MeV)

60-Nd-141

MAT 6022

(α, α) Levels
0 Kelvin Cross Sections

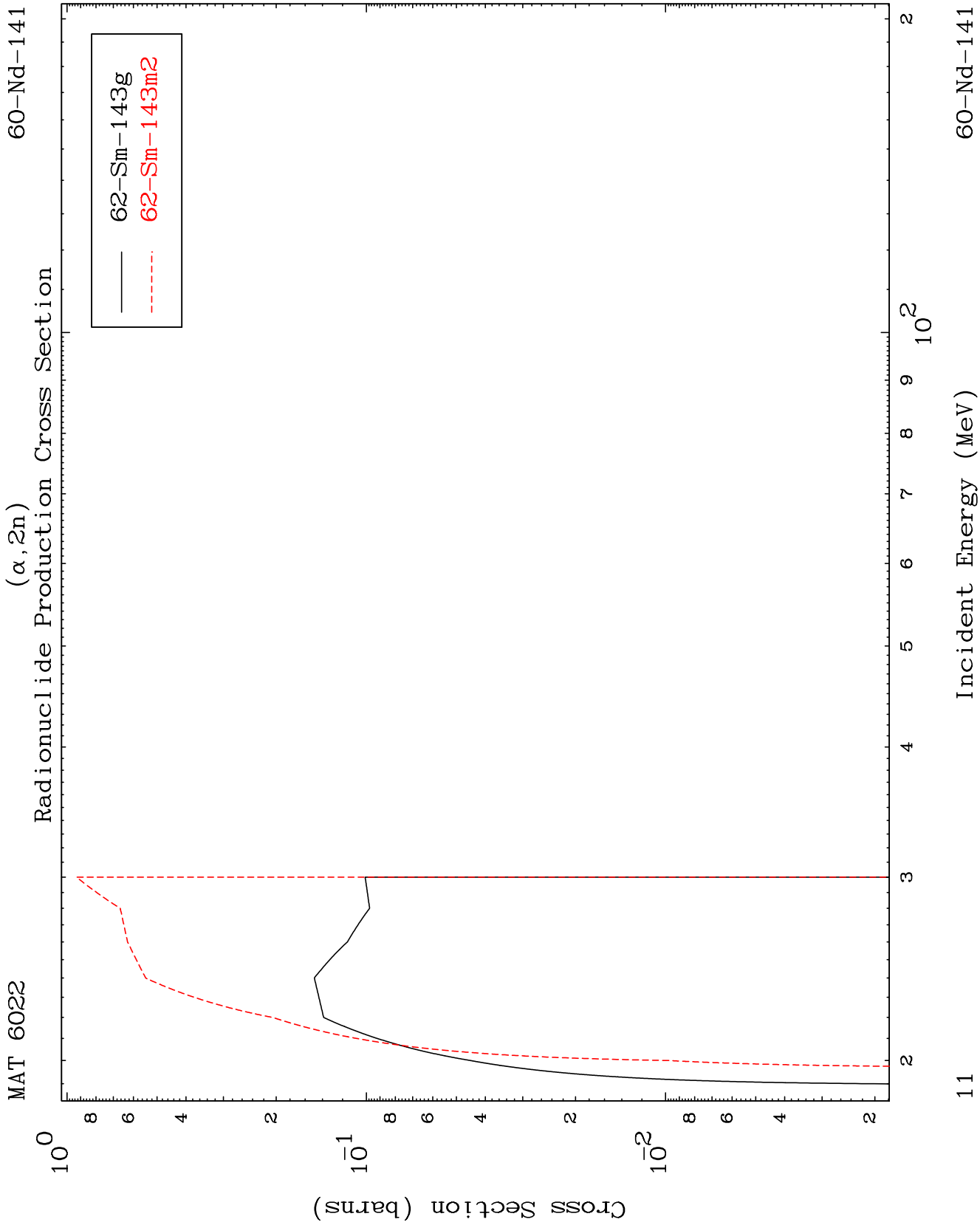
60-Nd-141



10

Incident Energy (MeV)

60-Nd-141

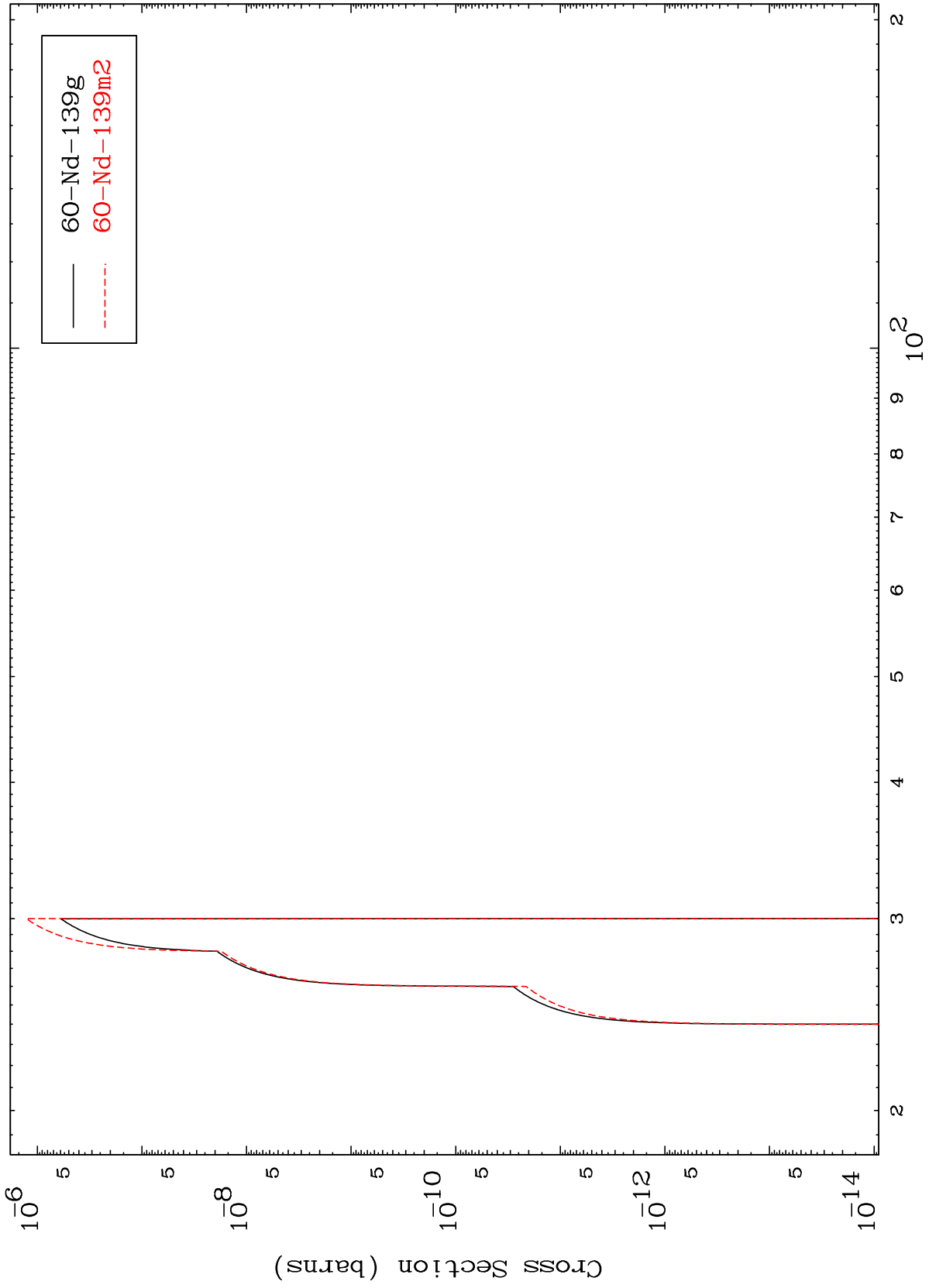


MAT 6022

$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

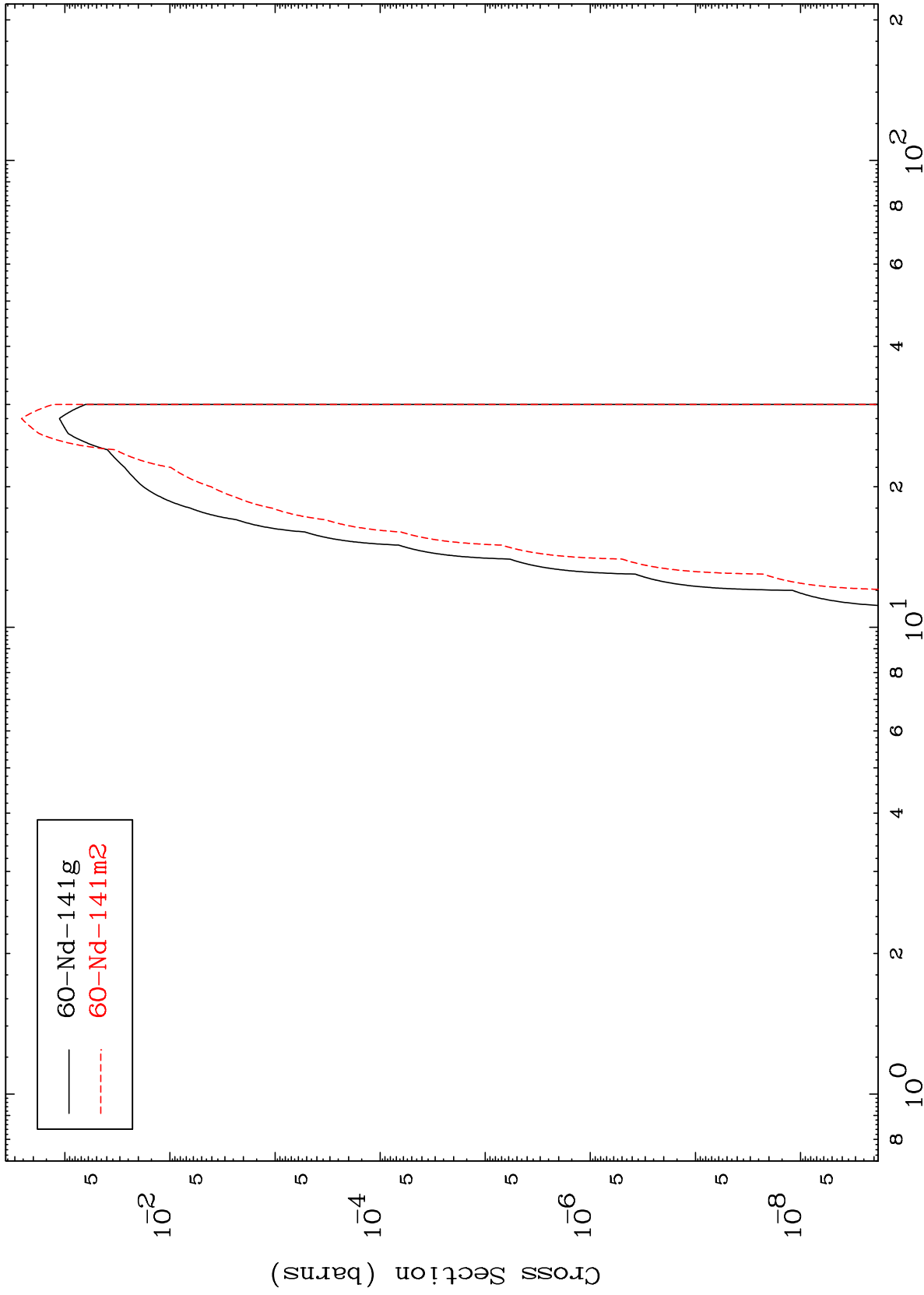
$^{60}\text{Nd}-141$

MAT 6022

(α, α)

60-Nd-141

Radionuclide Production Cross Section



13

Incident Energy (MeV)

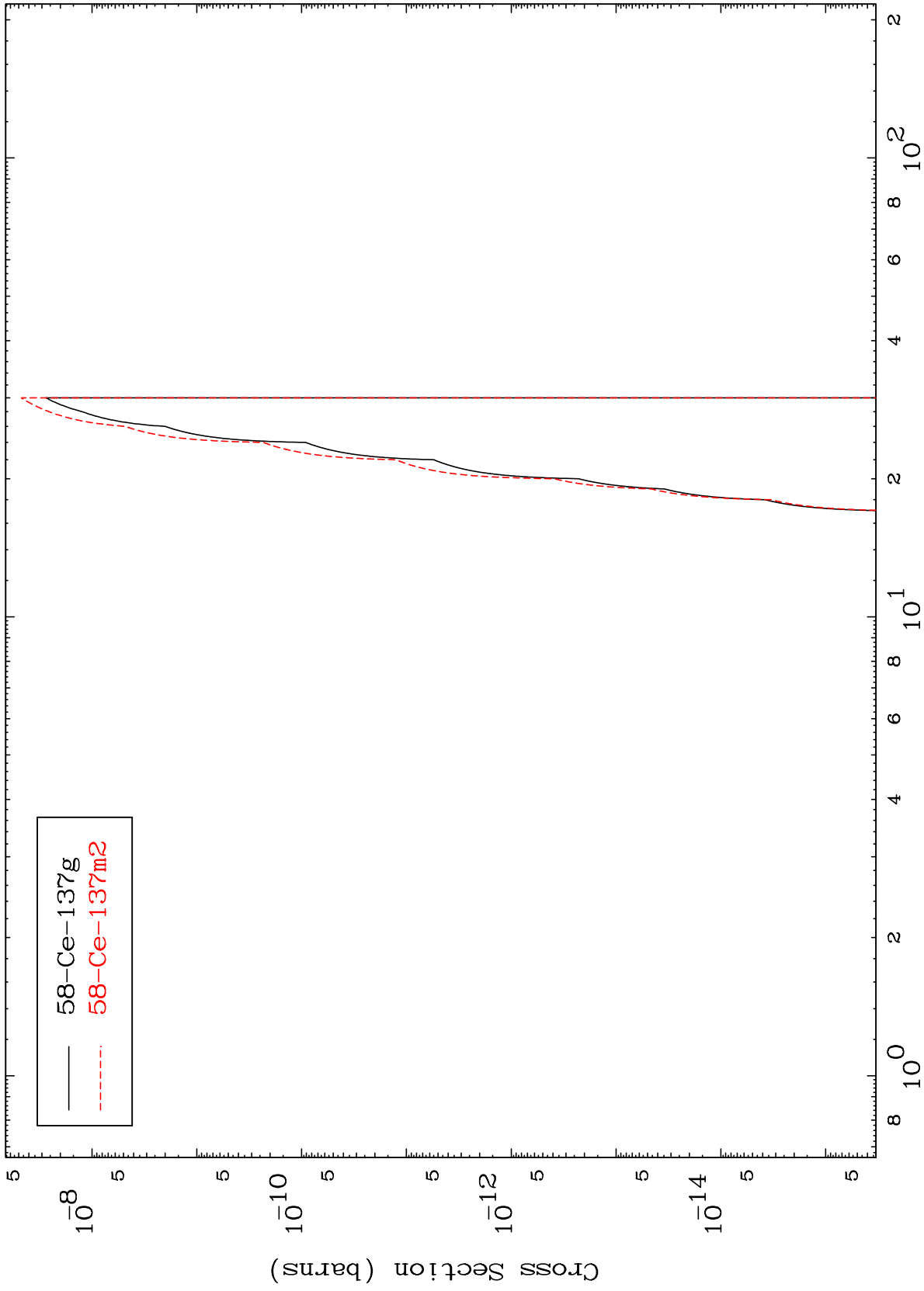
60-Nd-141

MAT 6022

($\alpha, 2\alpha$)

60-Nd-141

Radionuclide Production Cross Section



14

Incident Energy (MeV)

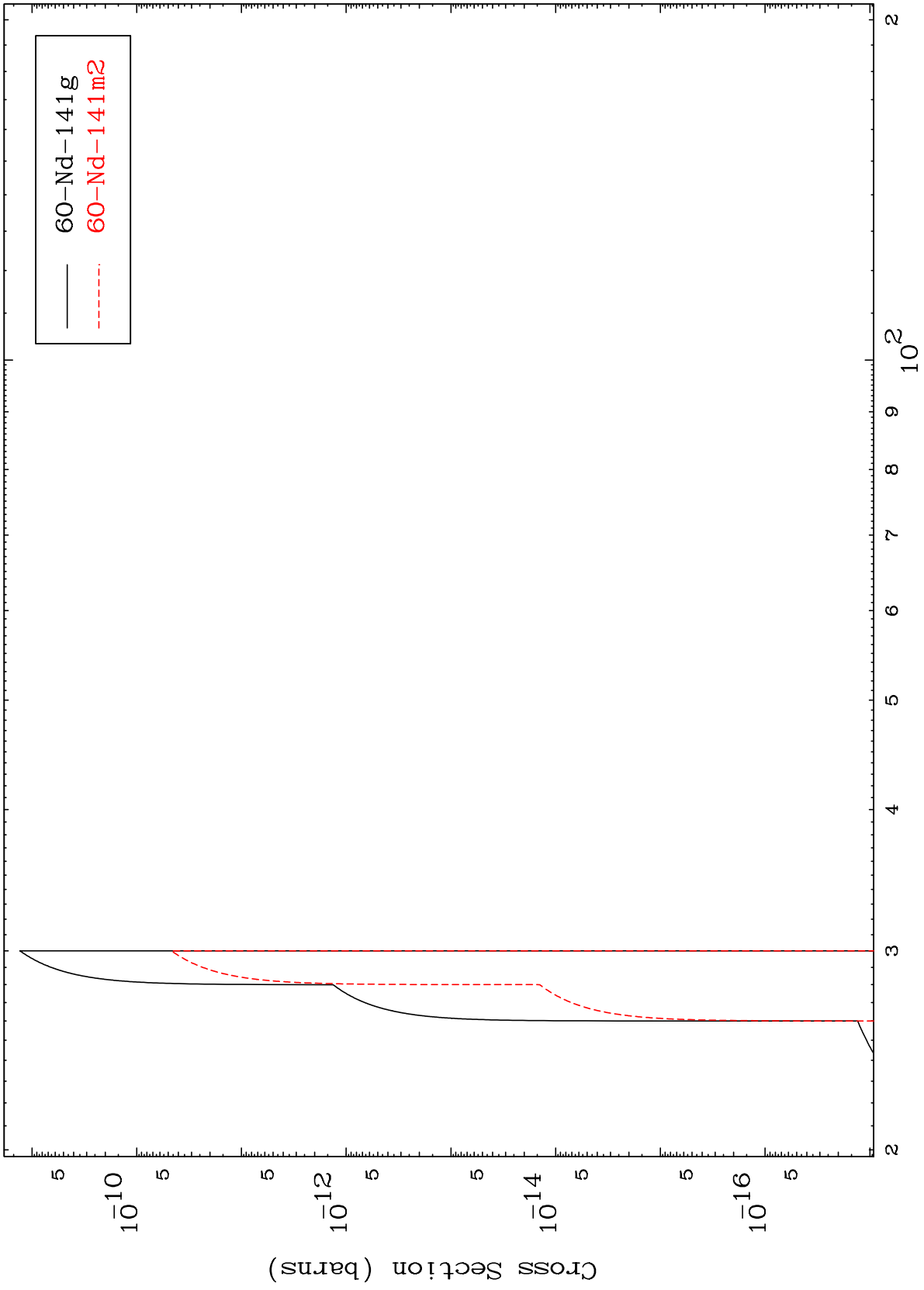
60-Nd-141

MAT 6022

(α, p) t

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

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