

Program EVALPLOT
(Version 2018-1)

by

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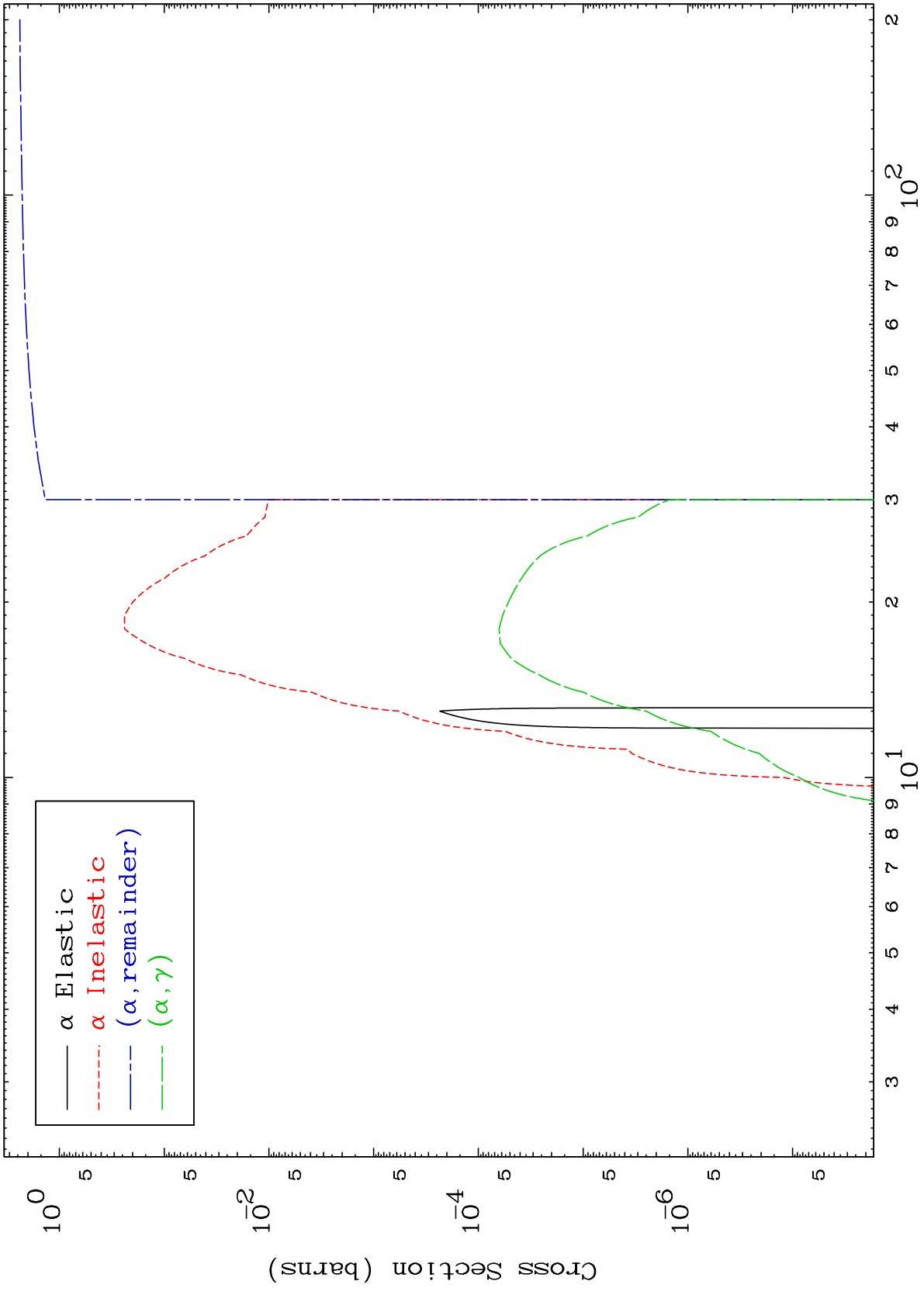
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6028

α Major
0 Kelvin Cross Sections

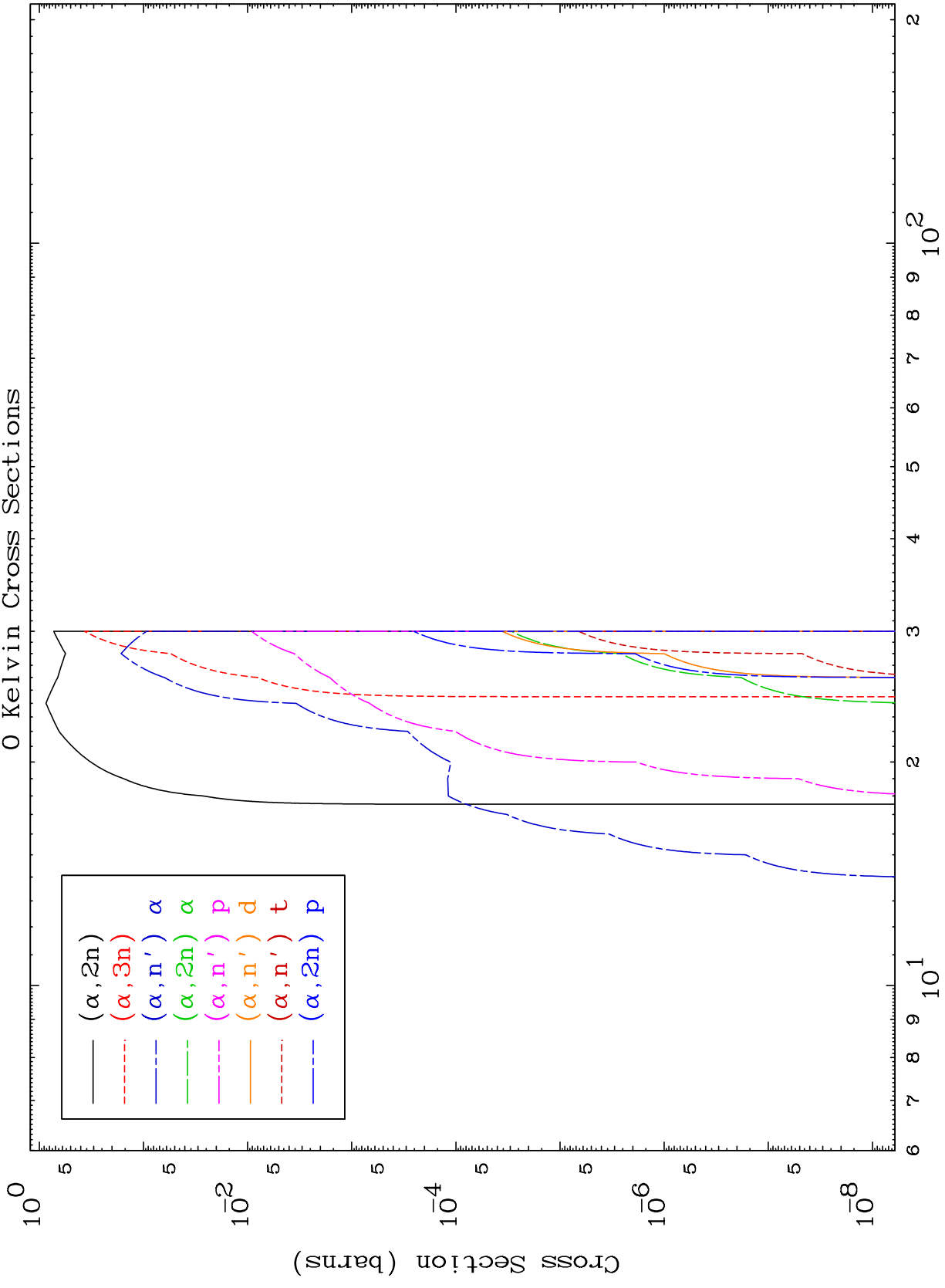
60-Nd-143



MAT 6028

α Neutron Production
0 Kelvin Cross Sections

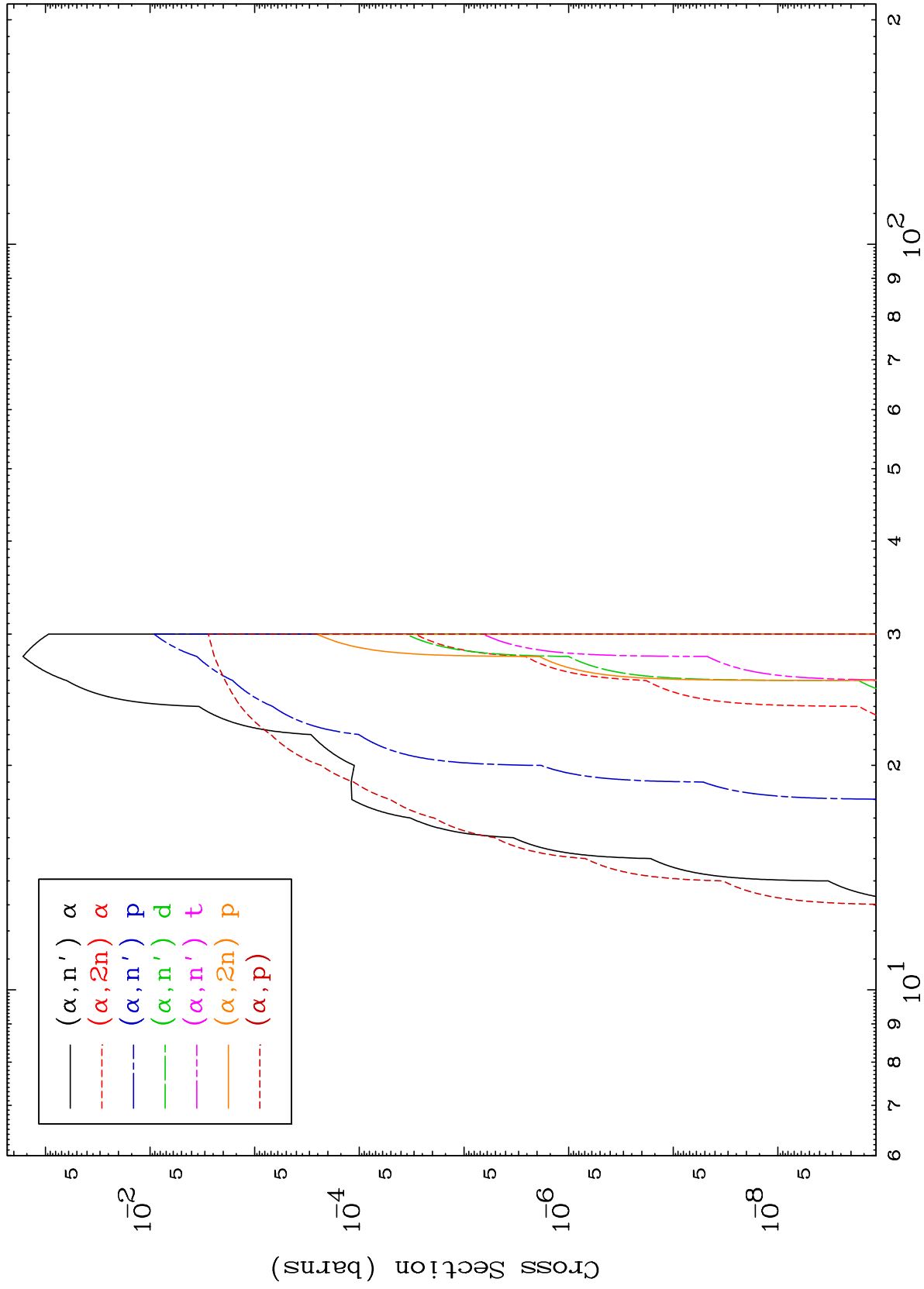
60-Nd-143



2

Incident Energy (MeV)

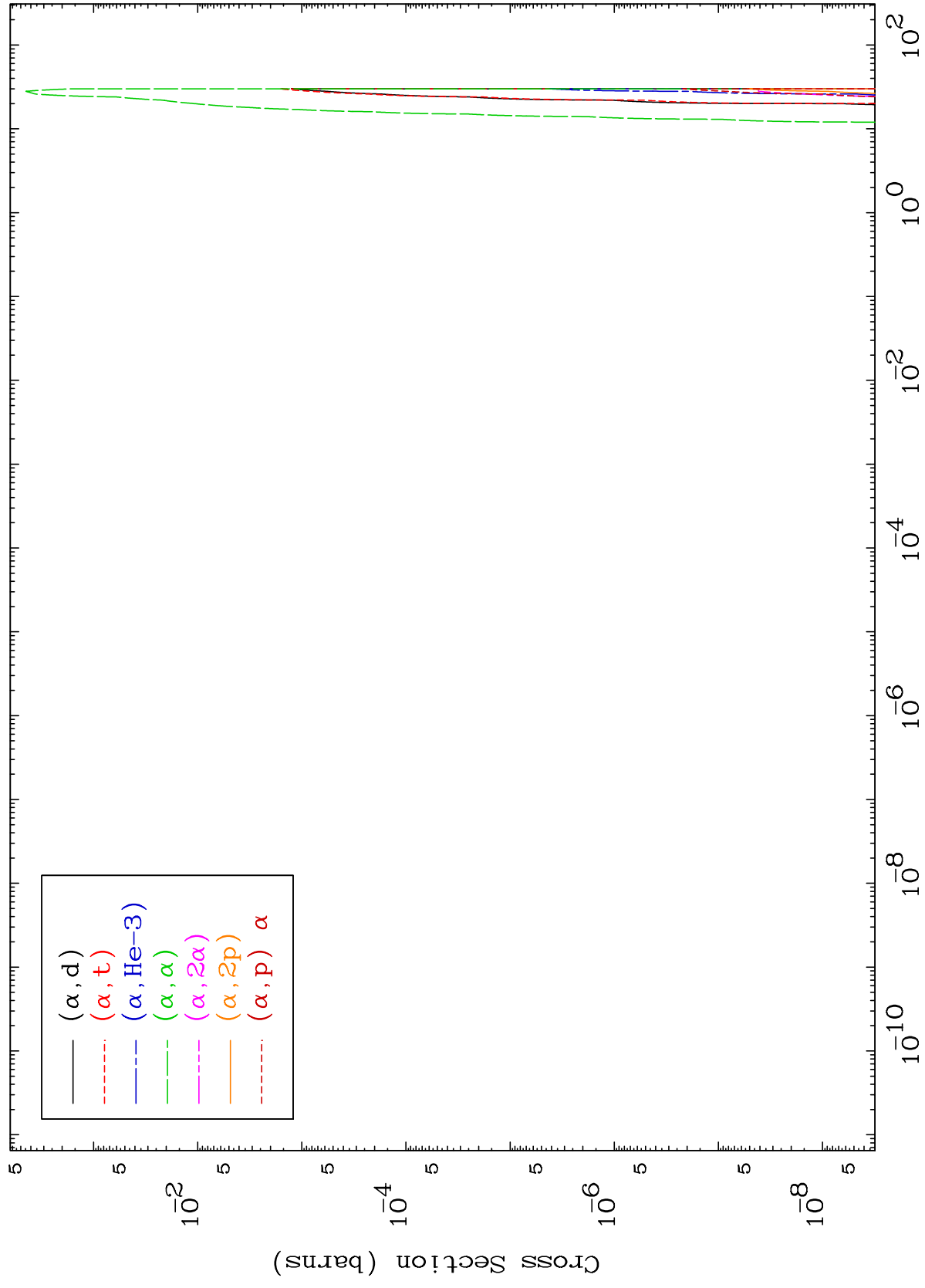
60-Nd-143



MAT 6028

α Charged Particle
0 Kelvin Cross Sections

60-Nd-143

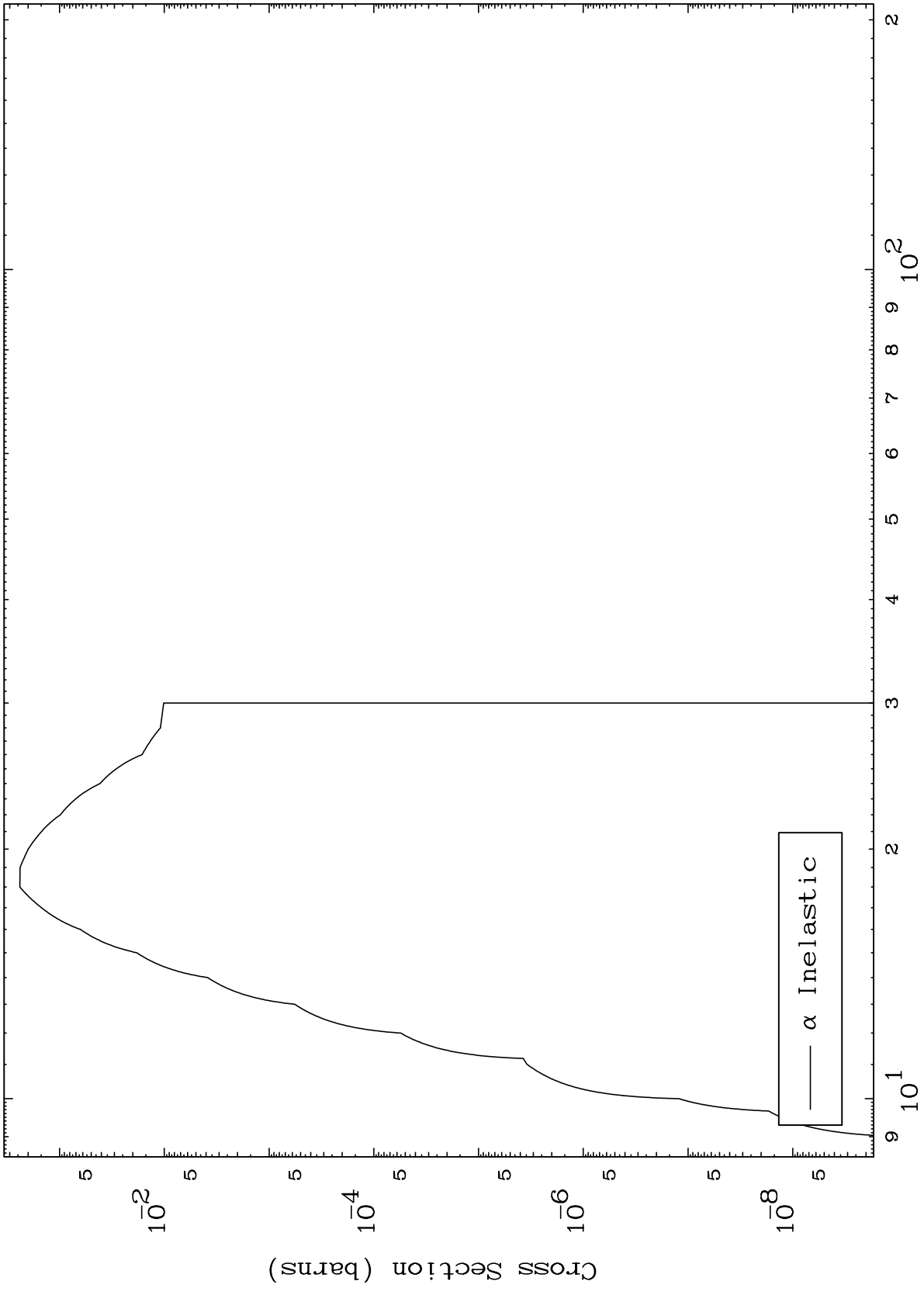


60-Nd-143

MAT 6028

(α, n') Level
0 Kelvin Cross Sections

60-Nd-143



5

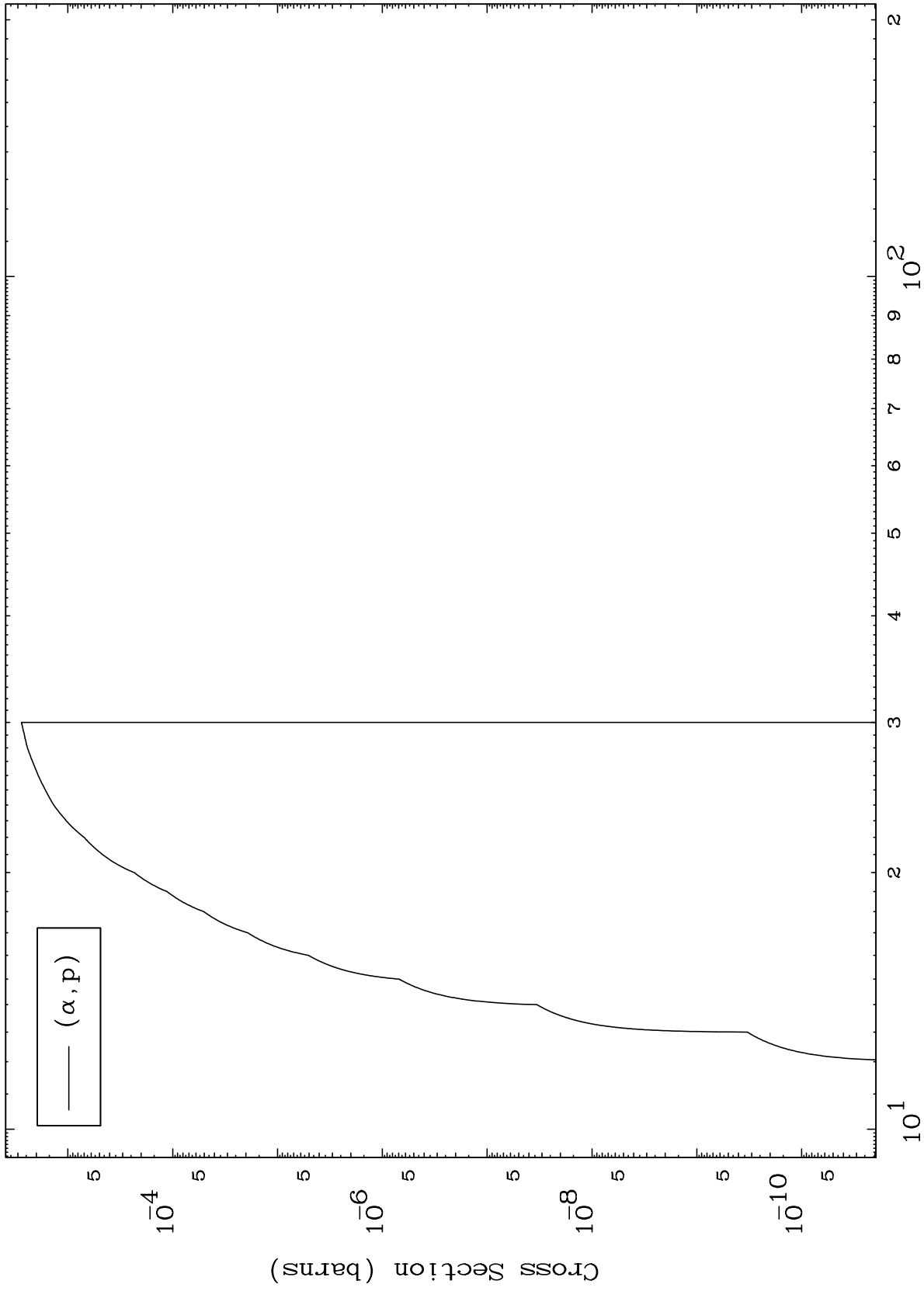
Incident Energy (MeV)

60-Nd-143

MAT 6028

(α, p) Levels
0 Kelvin Cross Sections

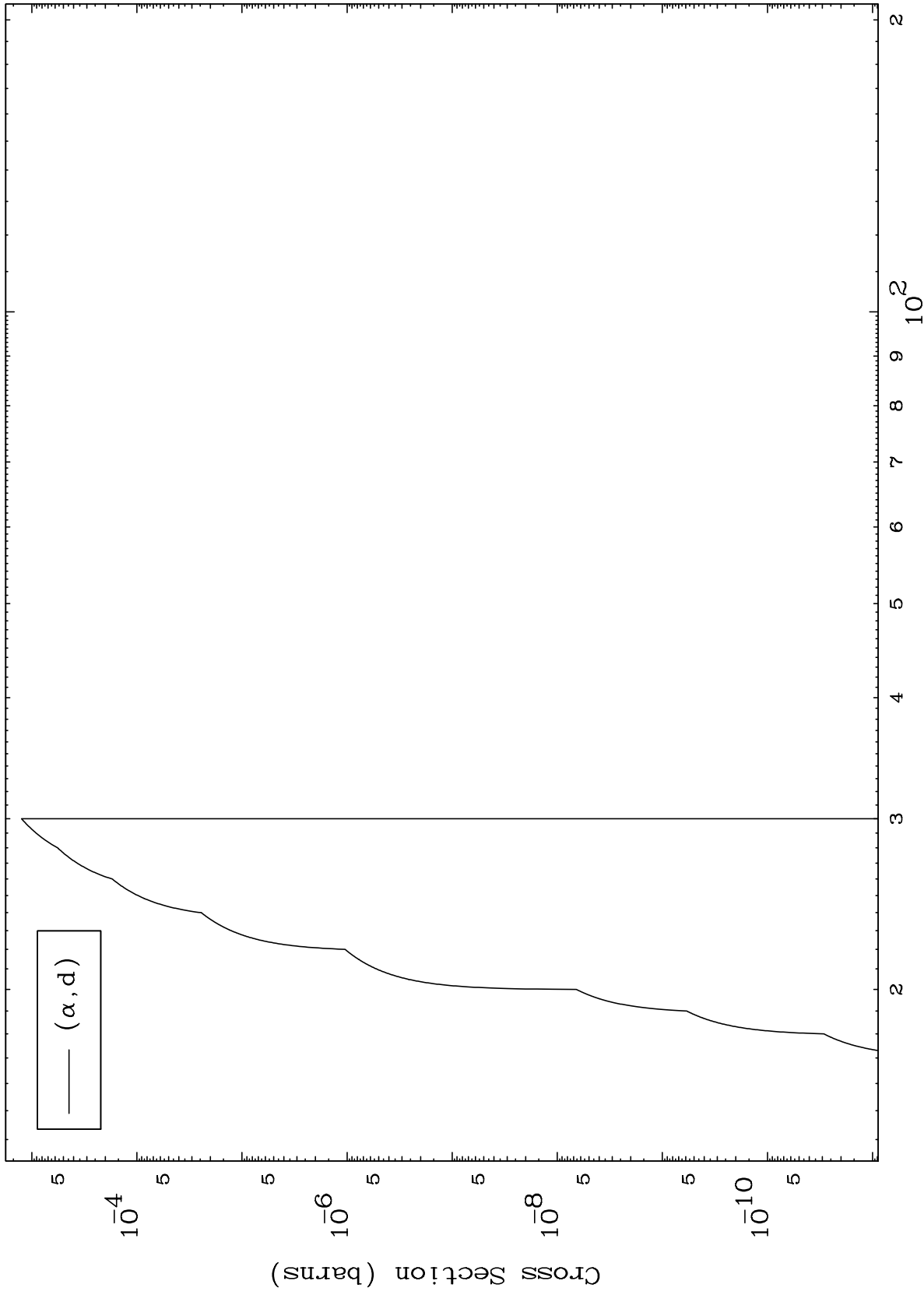
60-Nd-143



MAT 6028

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-143



7

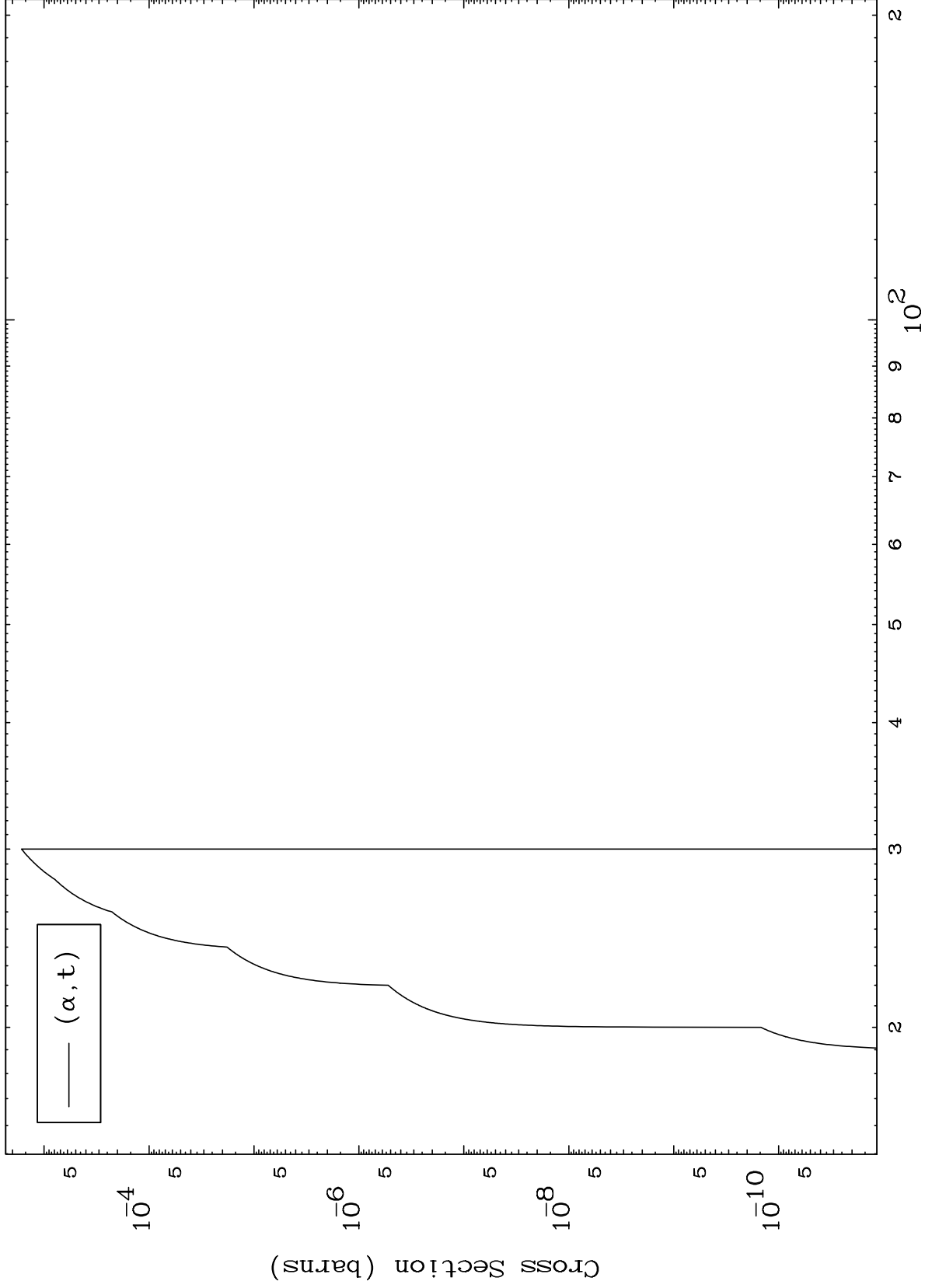
Incident Energy (MeV)

60-Nd-143

MAT 6028

(α, t) Levels
0 Kelvin Cross Sections

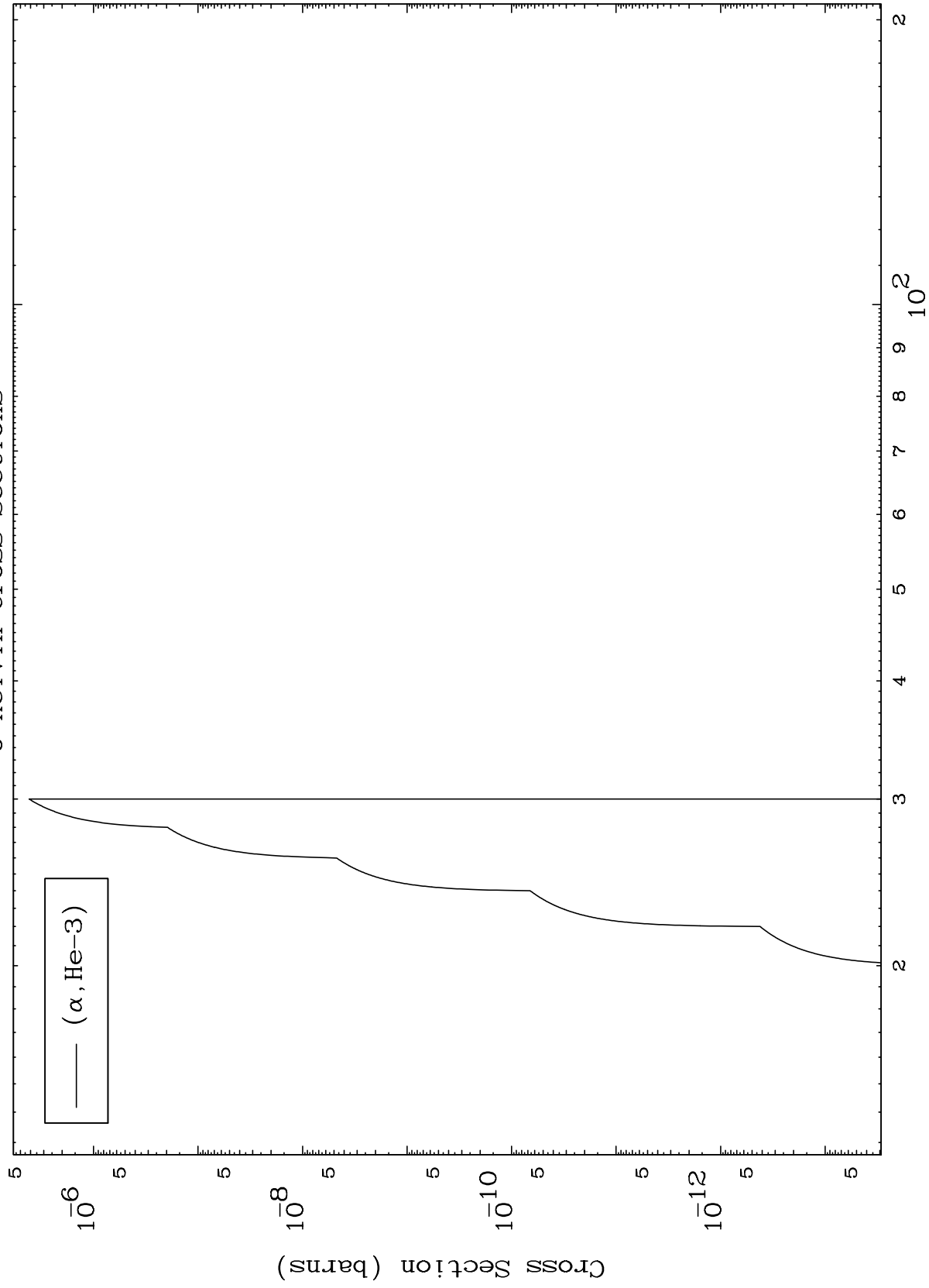
60-Nd-143



8

Incident Energy (MeV)

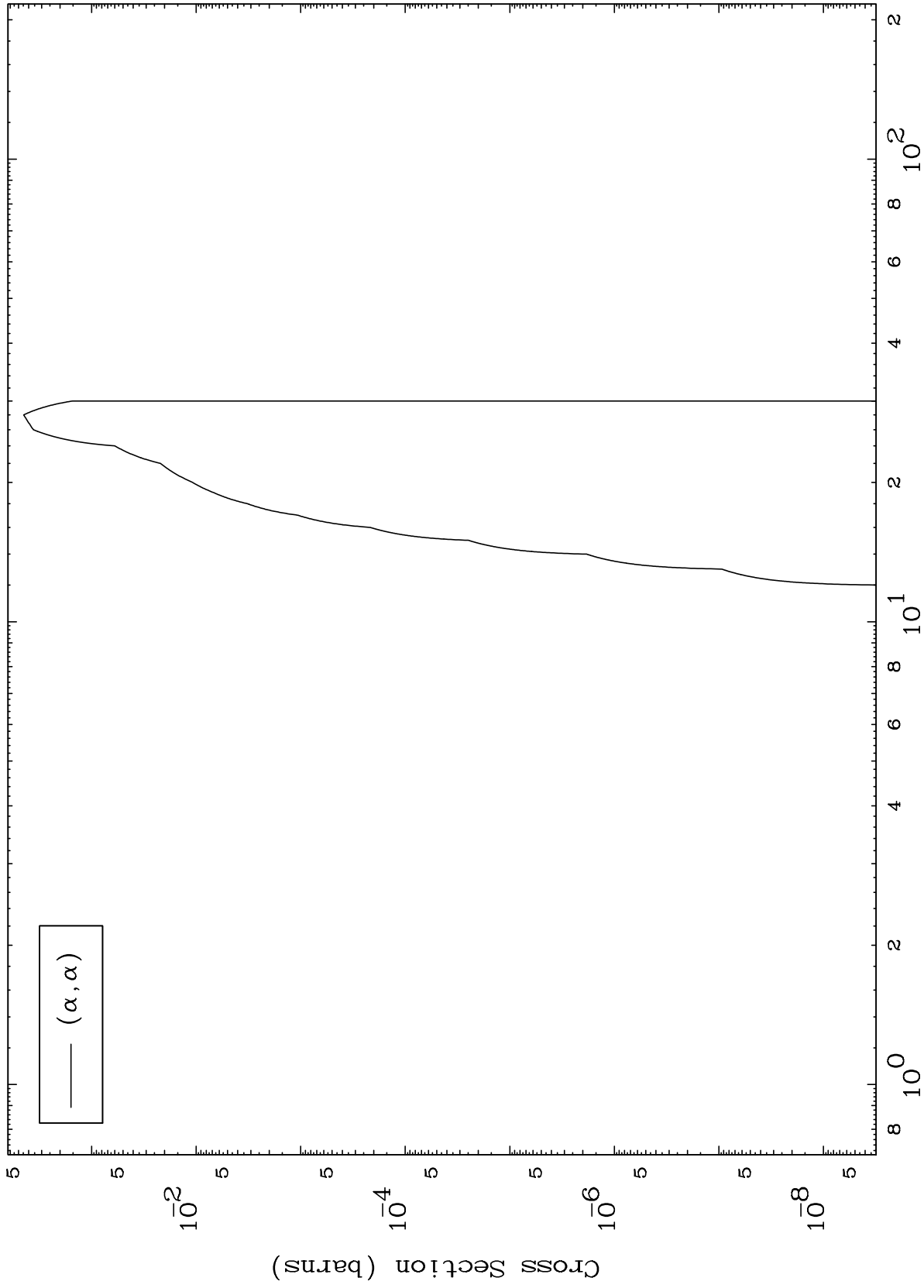
60-Nd-143



MAT 6028

(α, α) Levels
0 Kelvin Cross Sections

60-Nd-143



10

Incident Energy (MeV)

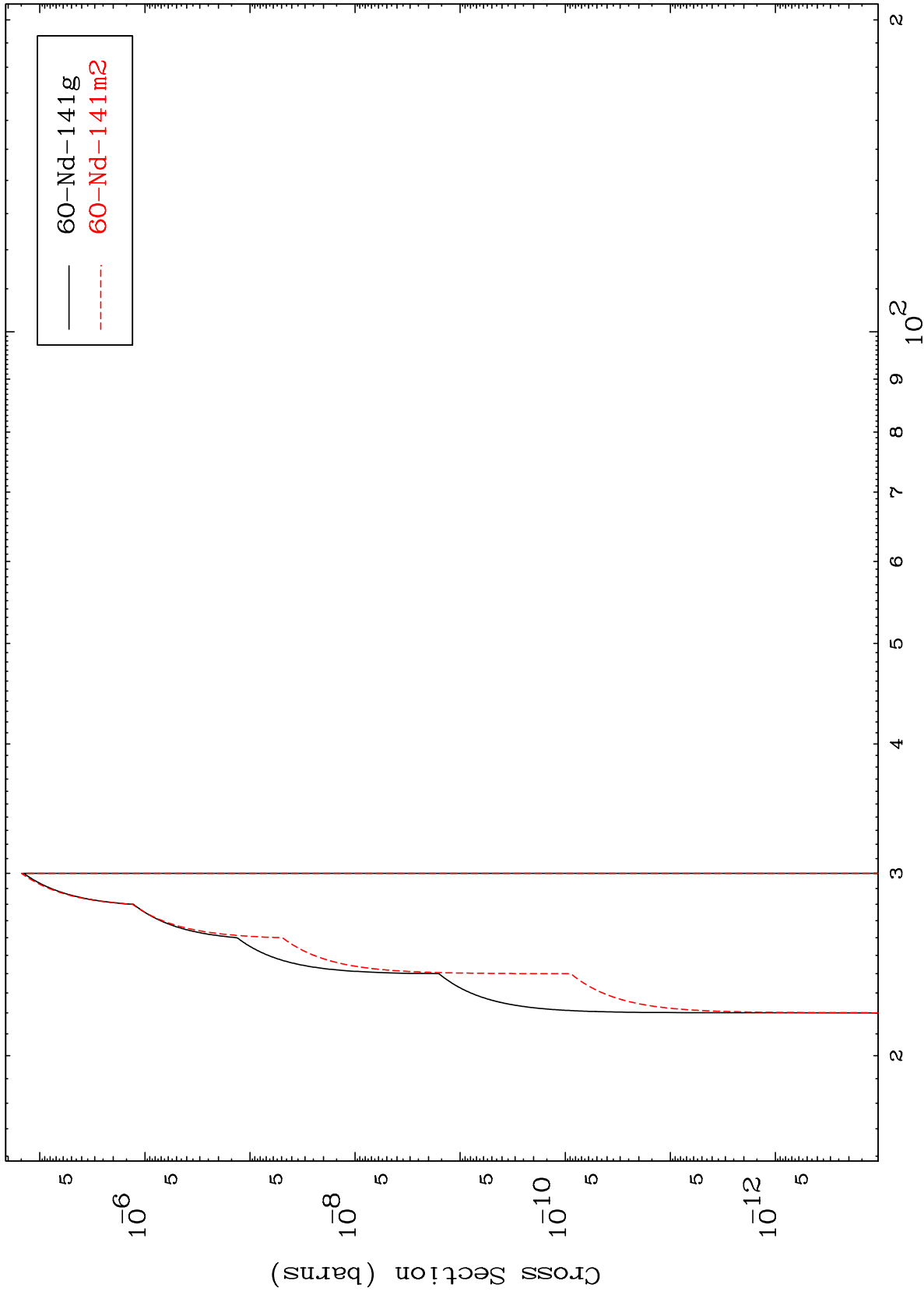
60-Nd-143

MAT 6028

$(\alpha, 2n) \alpha$

$^{60}\text{Nd}-143$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

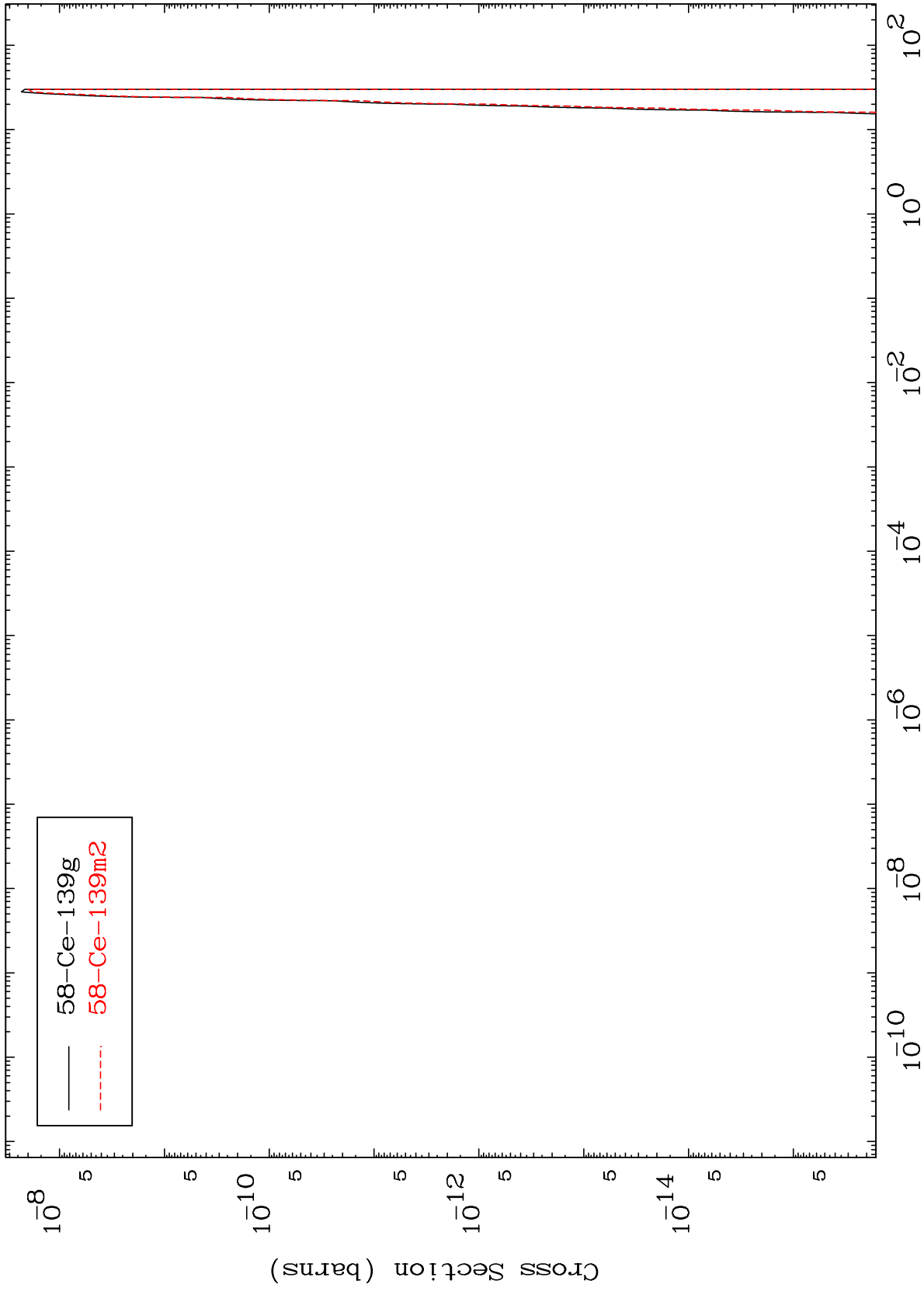
$^{60}\text{Nd}-143$

MAT 6028

($\alpha, 2\alpha$)

60-Nd-143

Radionuclide Production Cross Section



12

Incident Energy (MeV)

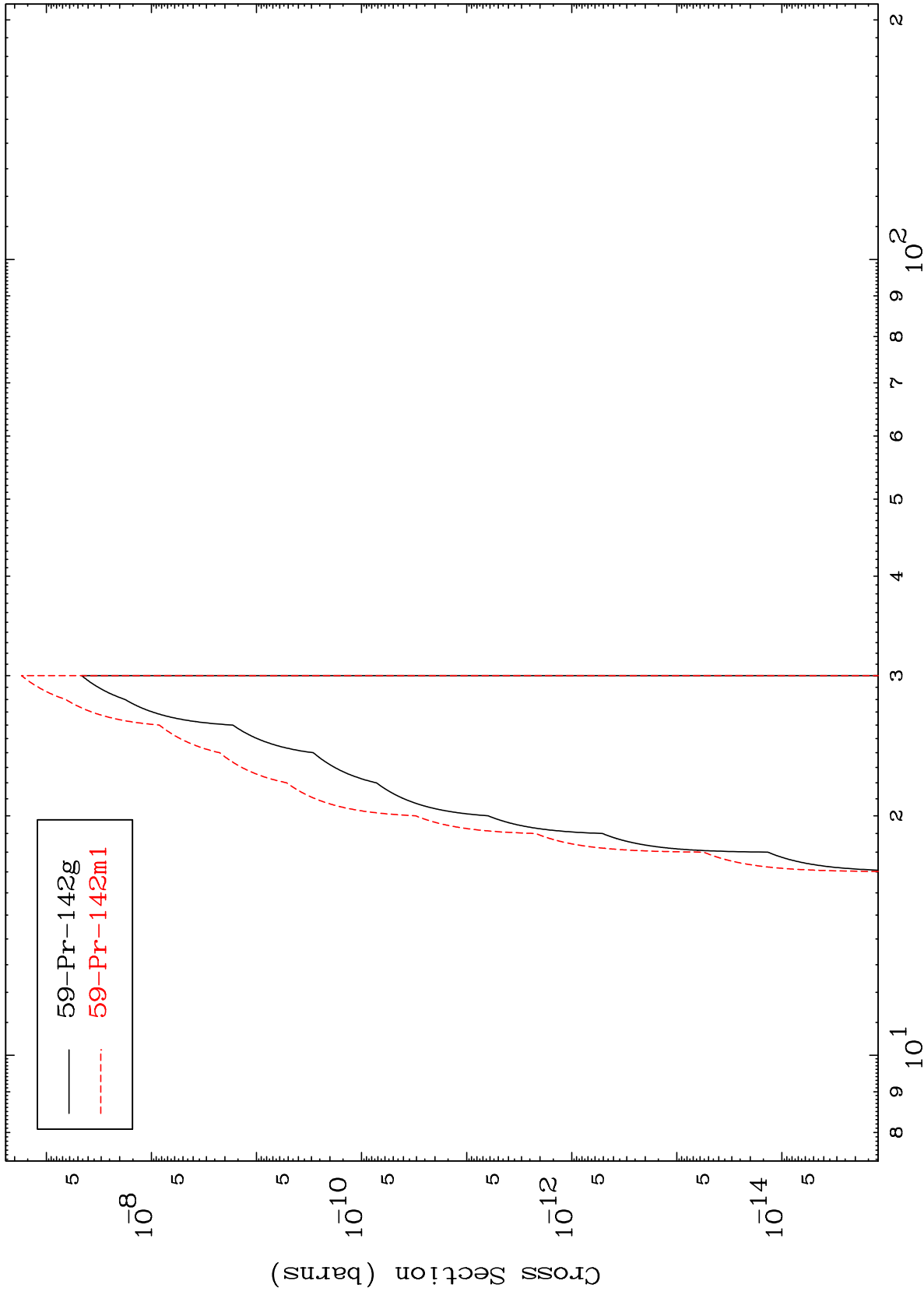
60-Nd-143

MAT 6028

(α, p) α

60-Nd-143

Radionuclide Production Cross Section



13

Incident Energy (MeV)

60-Nd-143