

Program EVALPLOT
(Version 2018-1)

by

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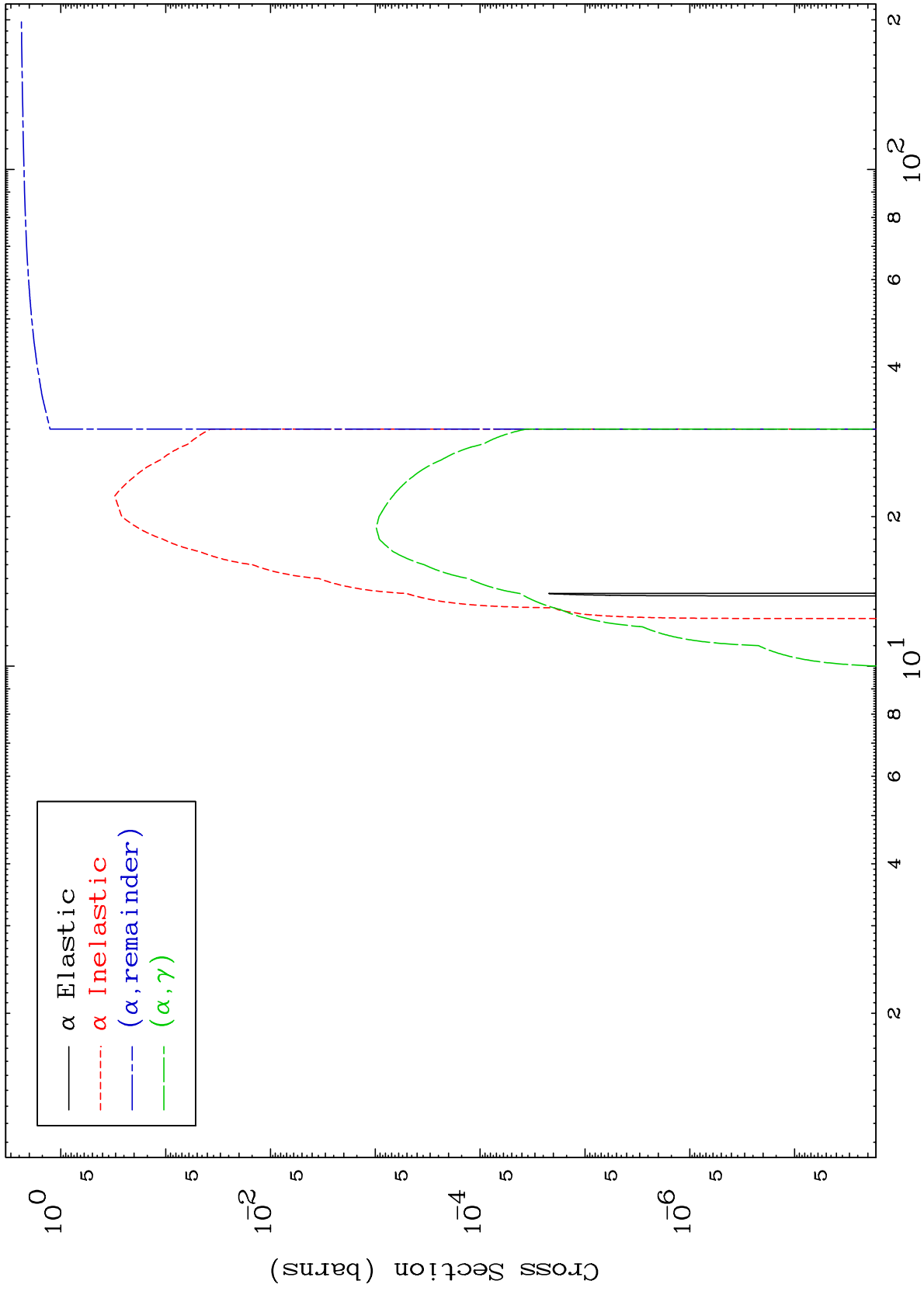
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6301

0 Kelvin α Major

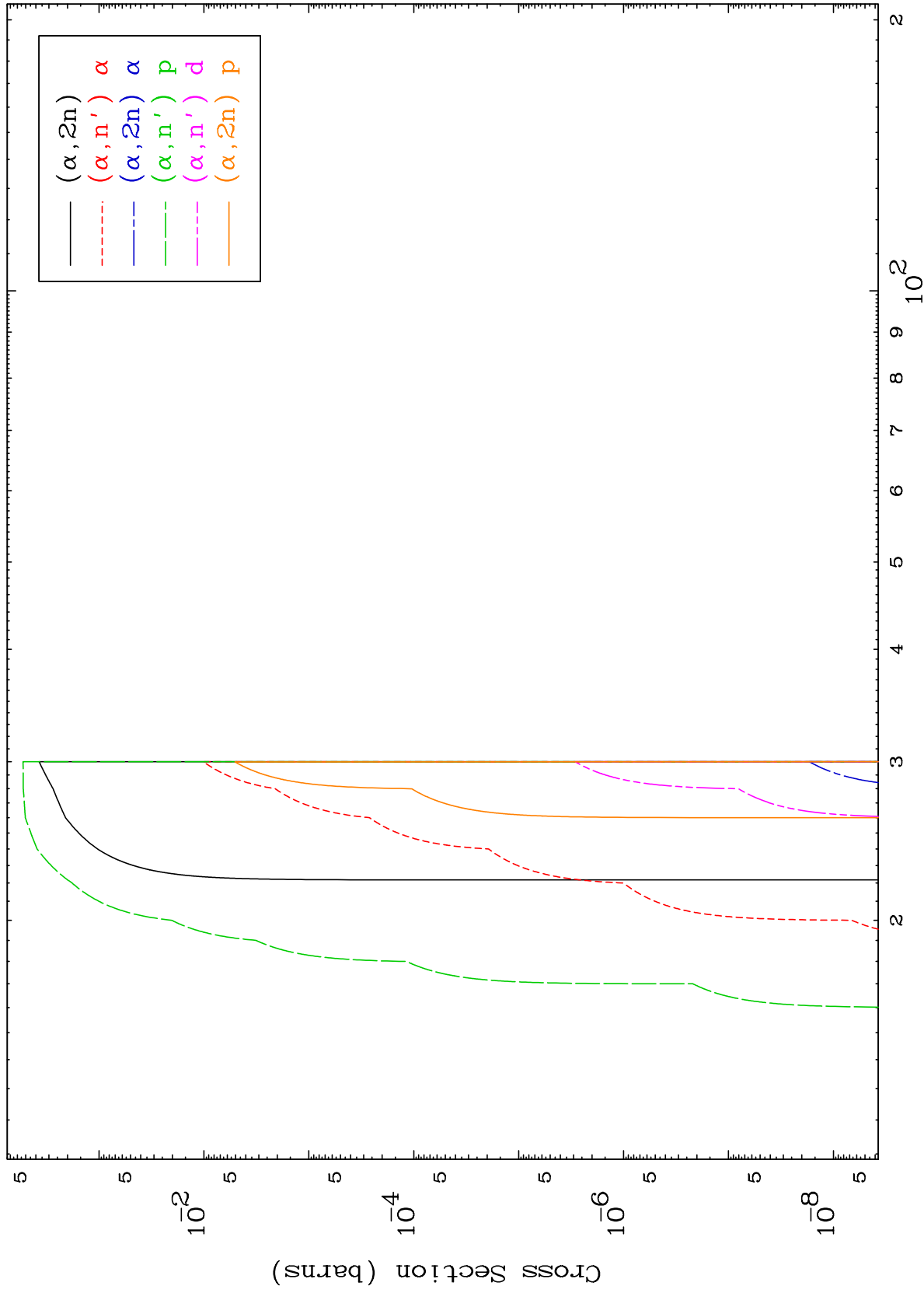
63-Eu-143

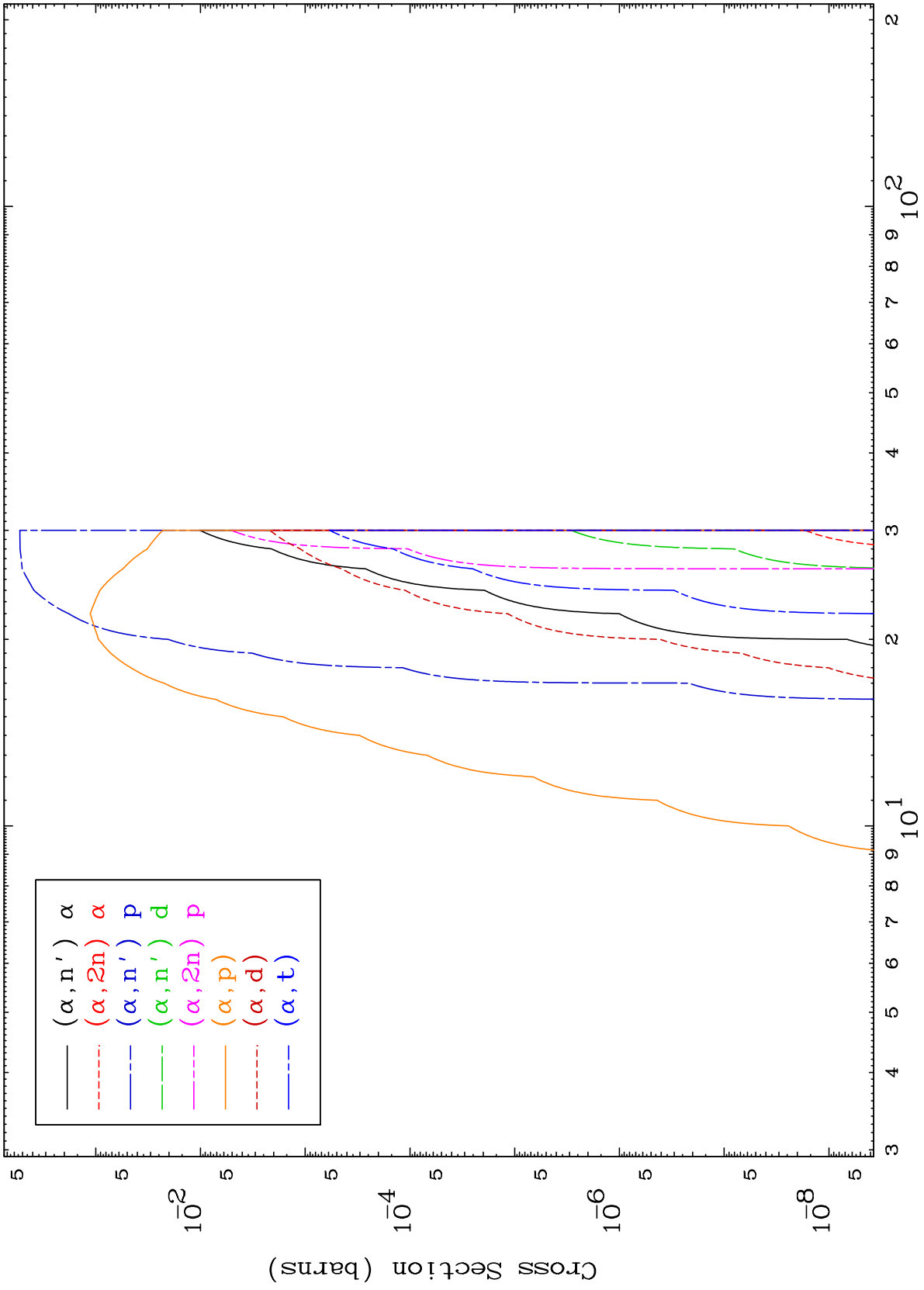


1

Incident Energy (MeV)

63-Eu-143

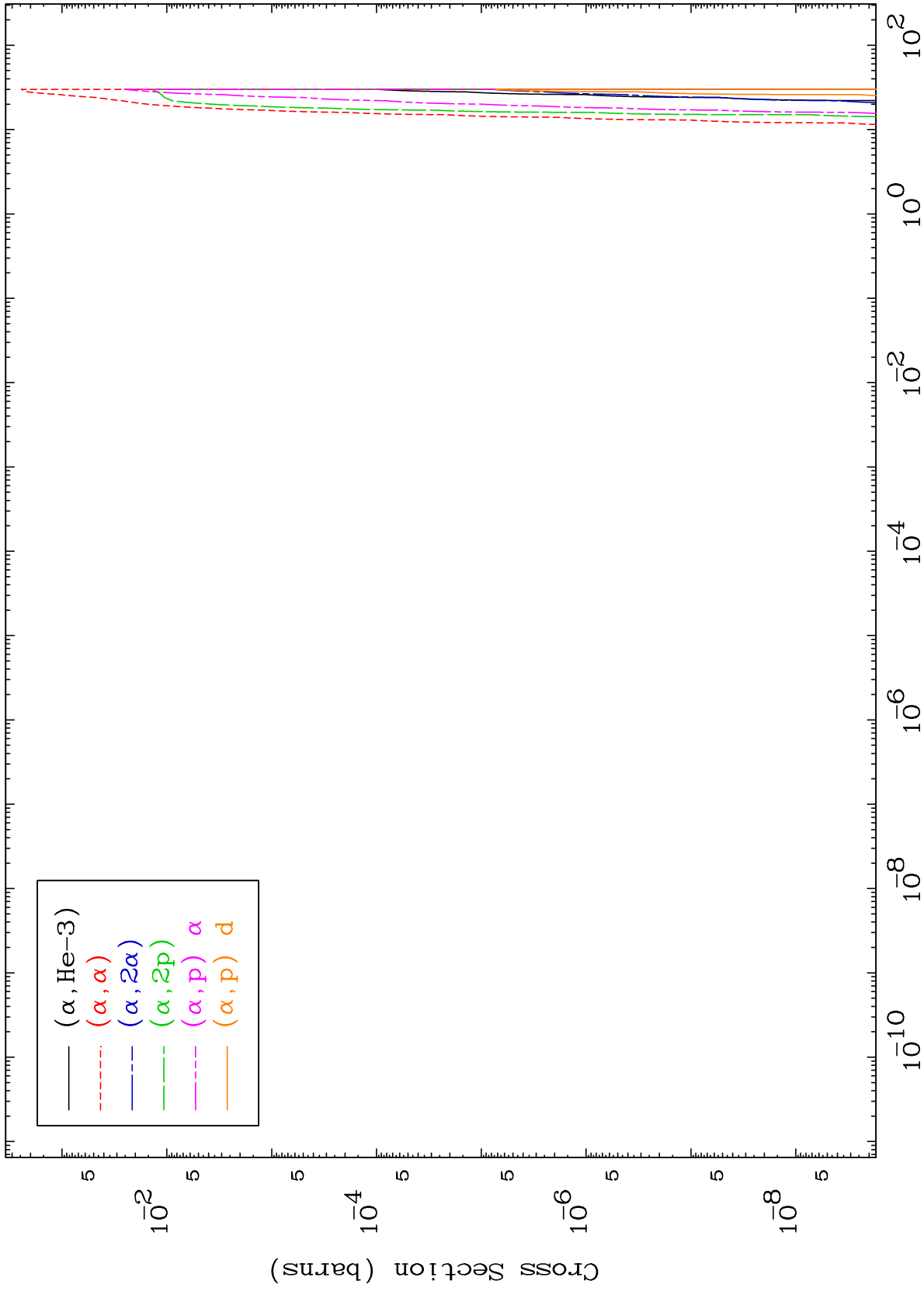




MAT 6301

α Charged Particle
0 Kelvin Cross Sections

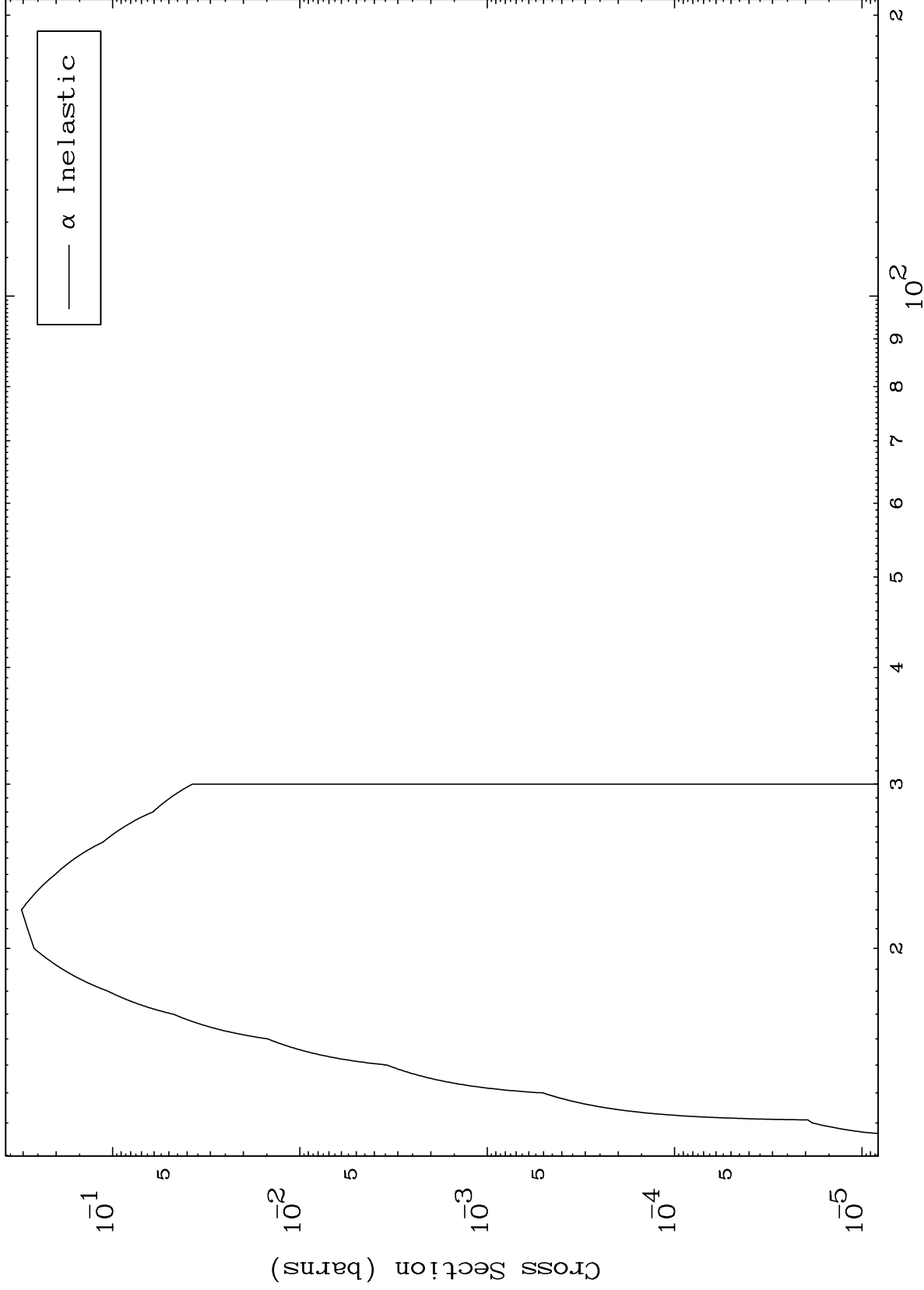
63-Eu-143



MAT 6301

(α, n') Level
0 Kelvin Cross Sections

63-Eu-143



5

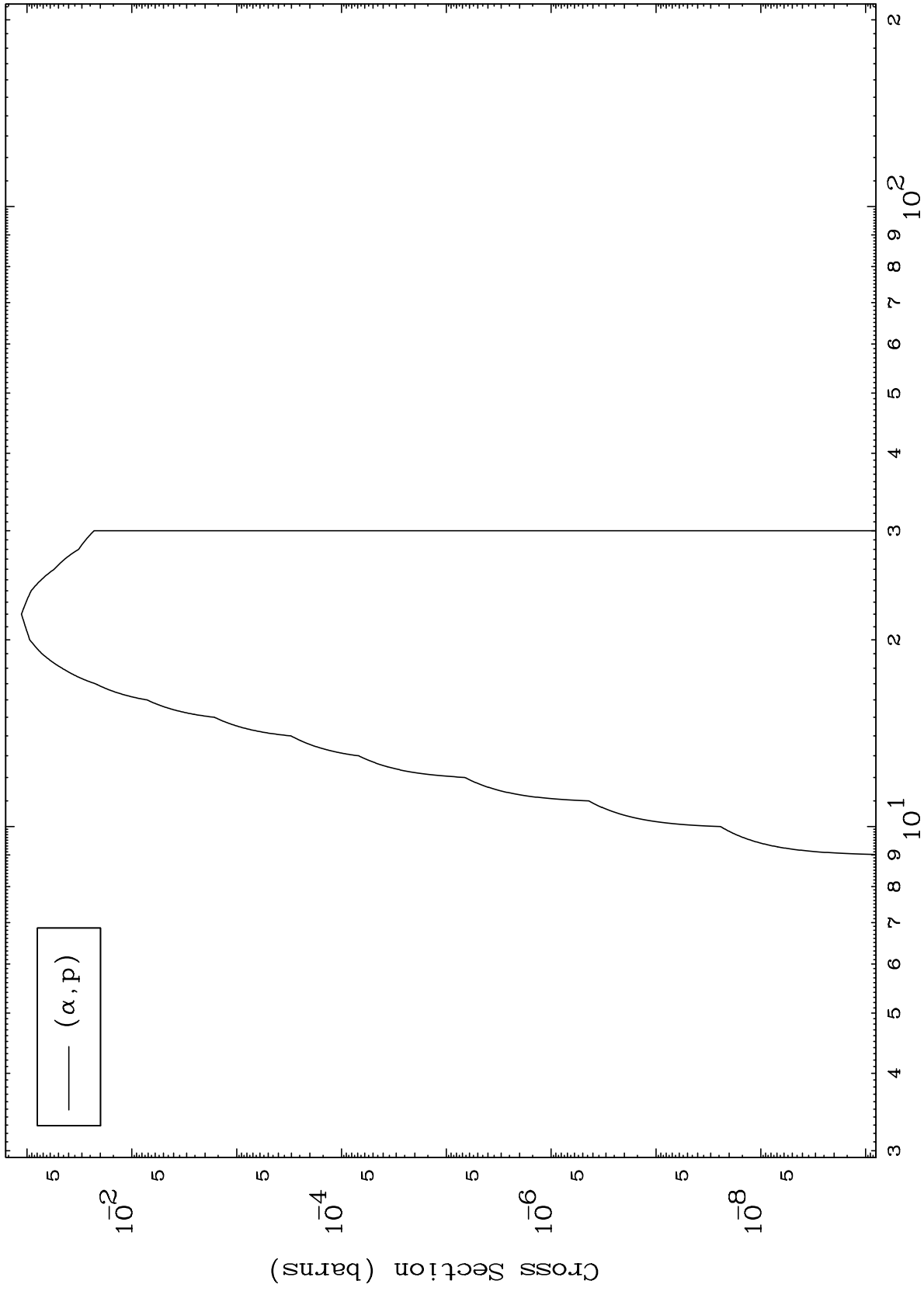
Incident Energy (MeV)

63-Eu-143

MAT 6301

(α, p) Levels
0 Kelvin Cross Sections

63-Eu-143



6

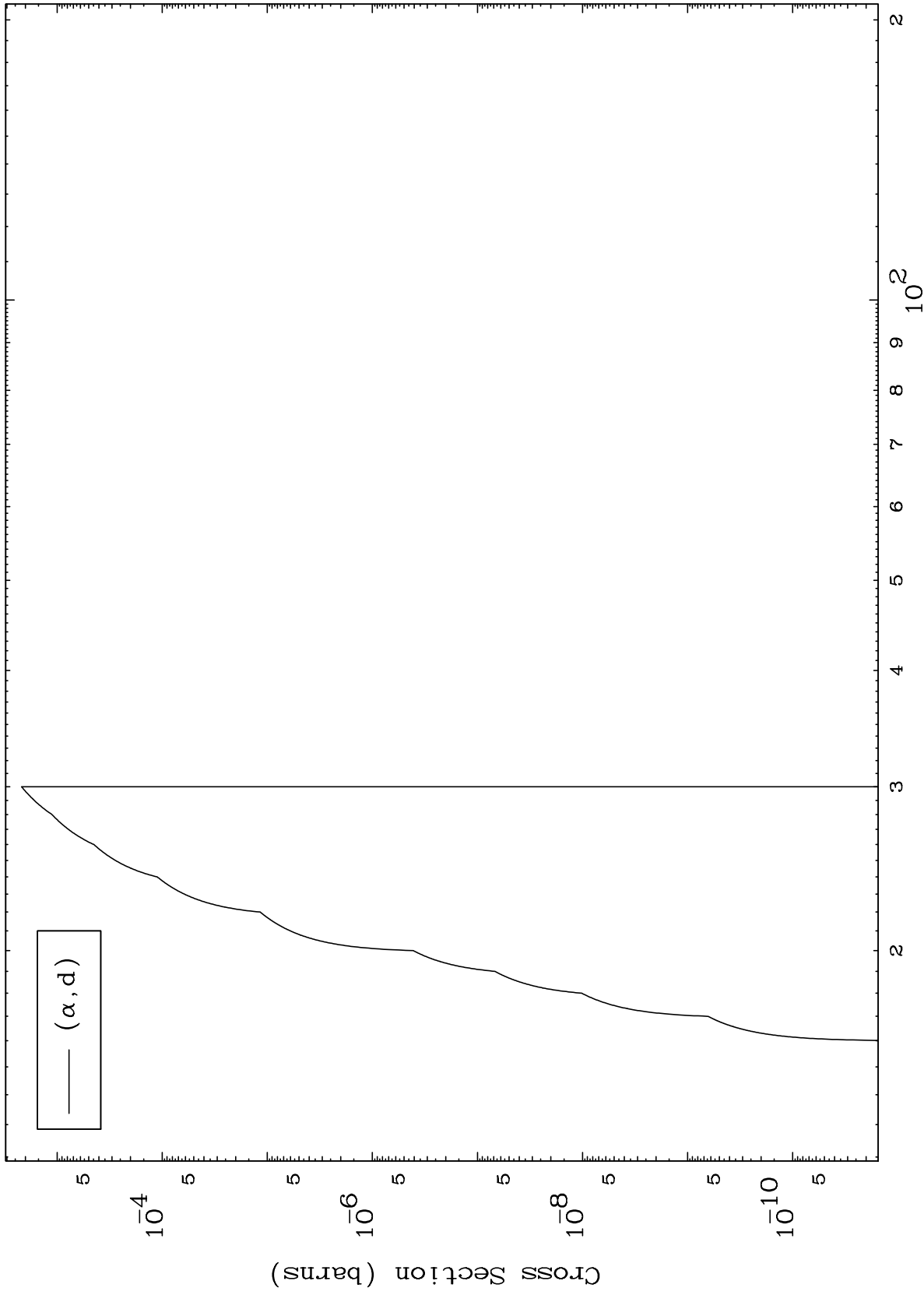
Incident Energy (MeV)

63-Eu-143

MAT 6301

(α, d) Levels
0 Kelvin Cross Sections

63-Eu-143



7

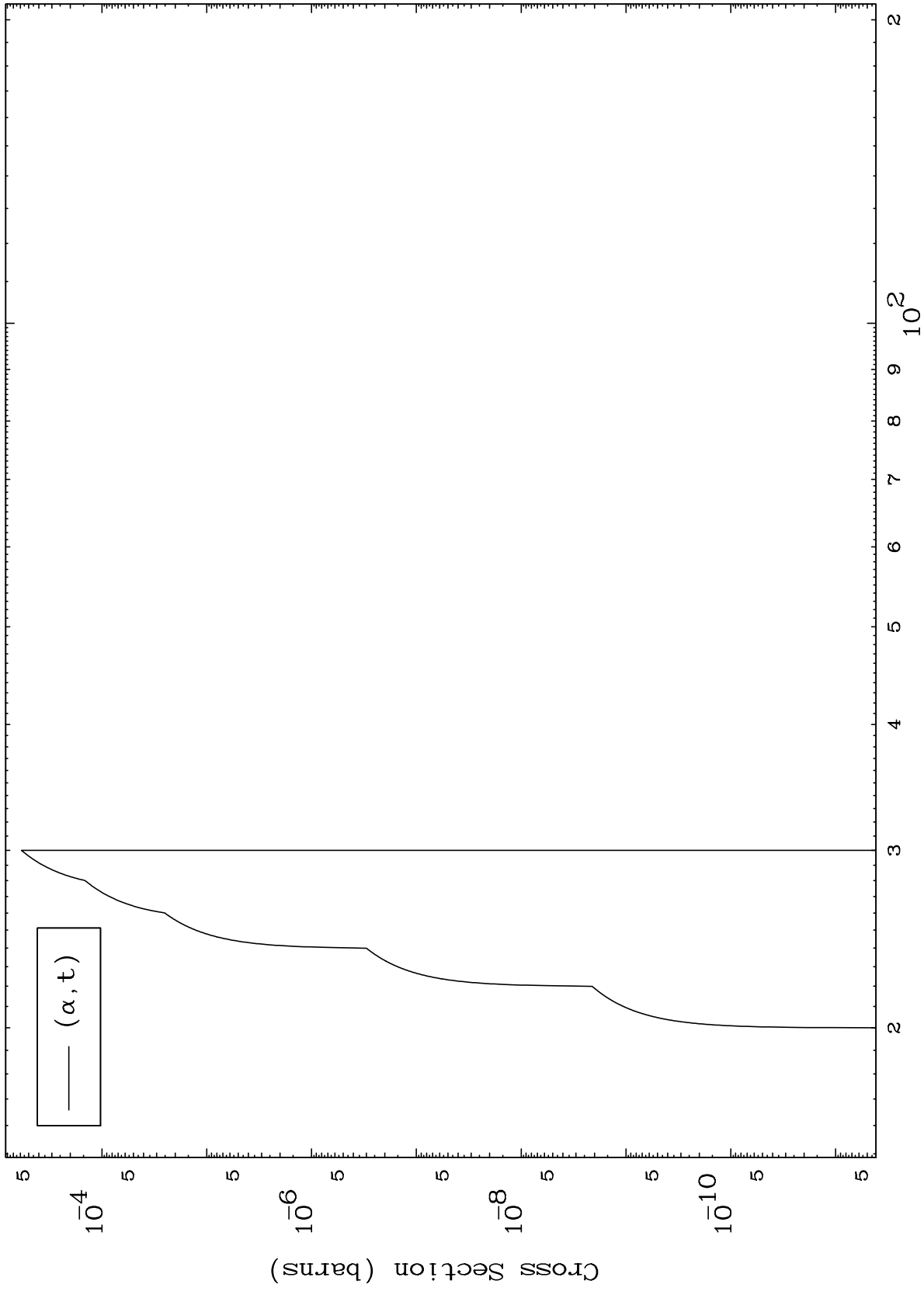
Incident Energy (MeV)

63-Eu-143

MAT 6301

(α, t) Levels
0 Kelvin Cross Sections

63-Eu-143



8

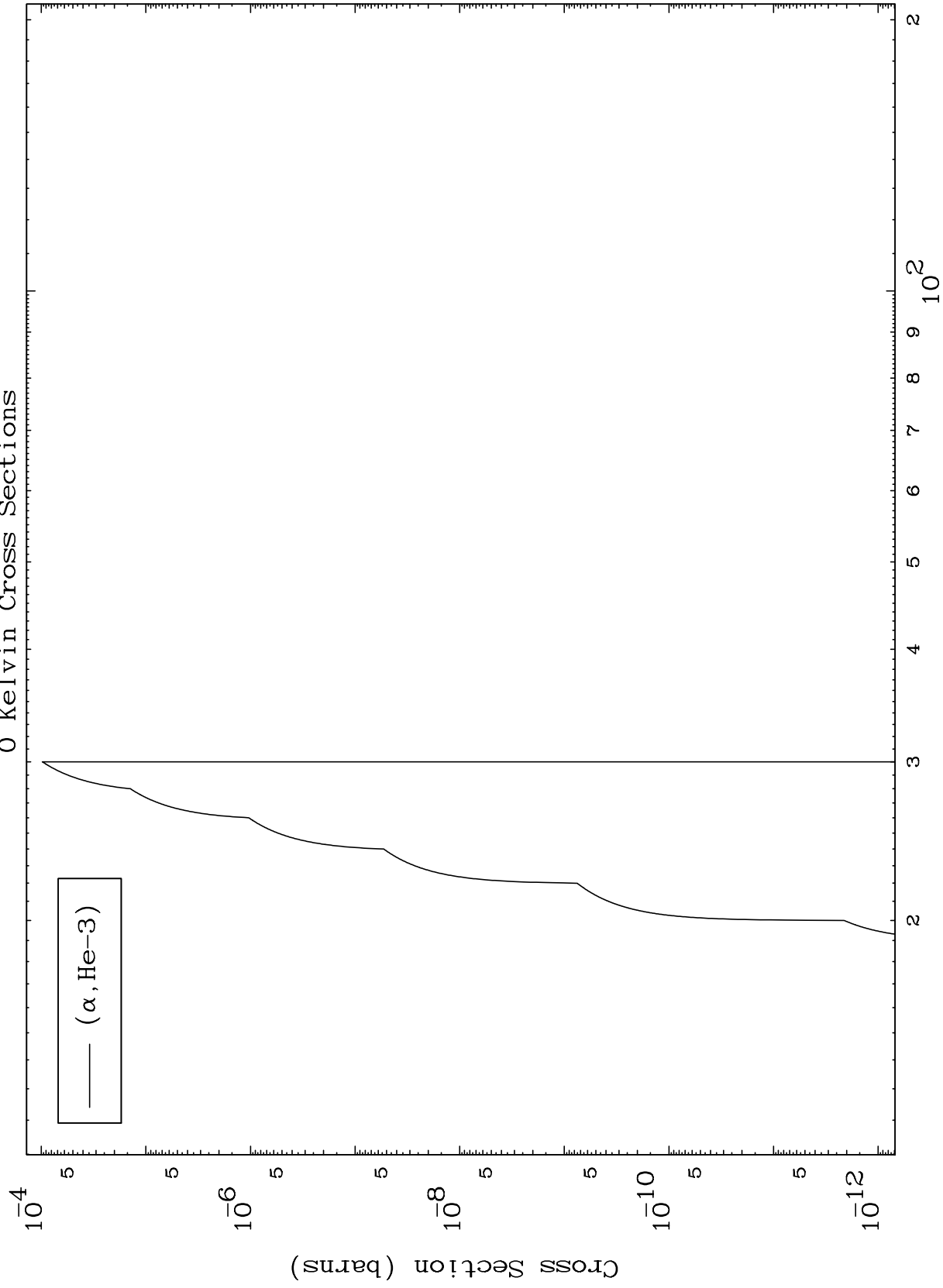
Incident Energy (MeV)

63-Eu-143

MAT 6301

(α ,He3) Levels
0 Kelvin Cross Sections

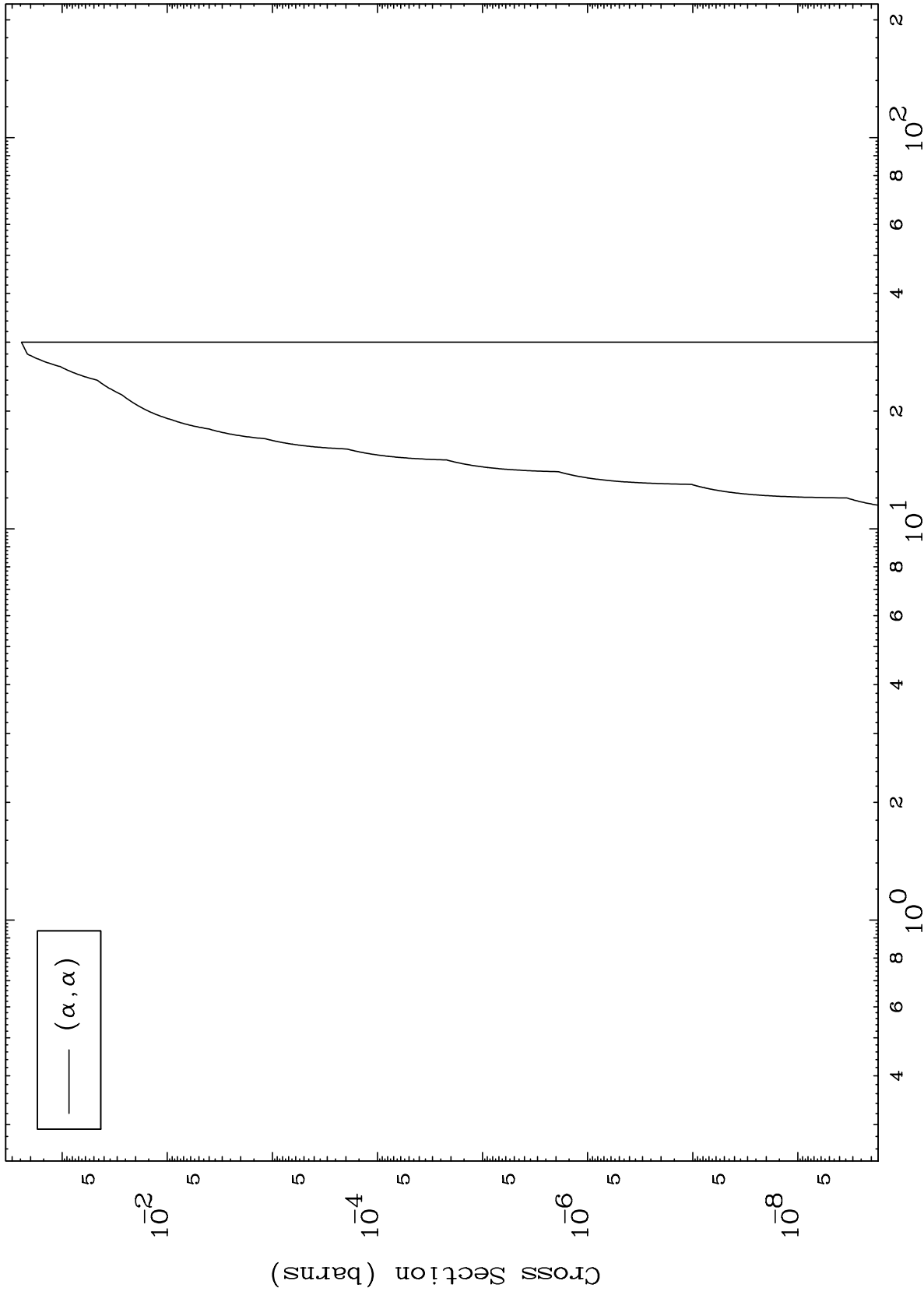
63-Eu-143



MAT 6301

(α, α) Levels
0 Kelvin Cross Sections

63-Eu-143

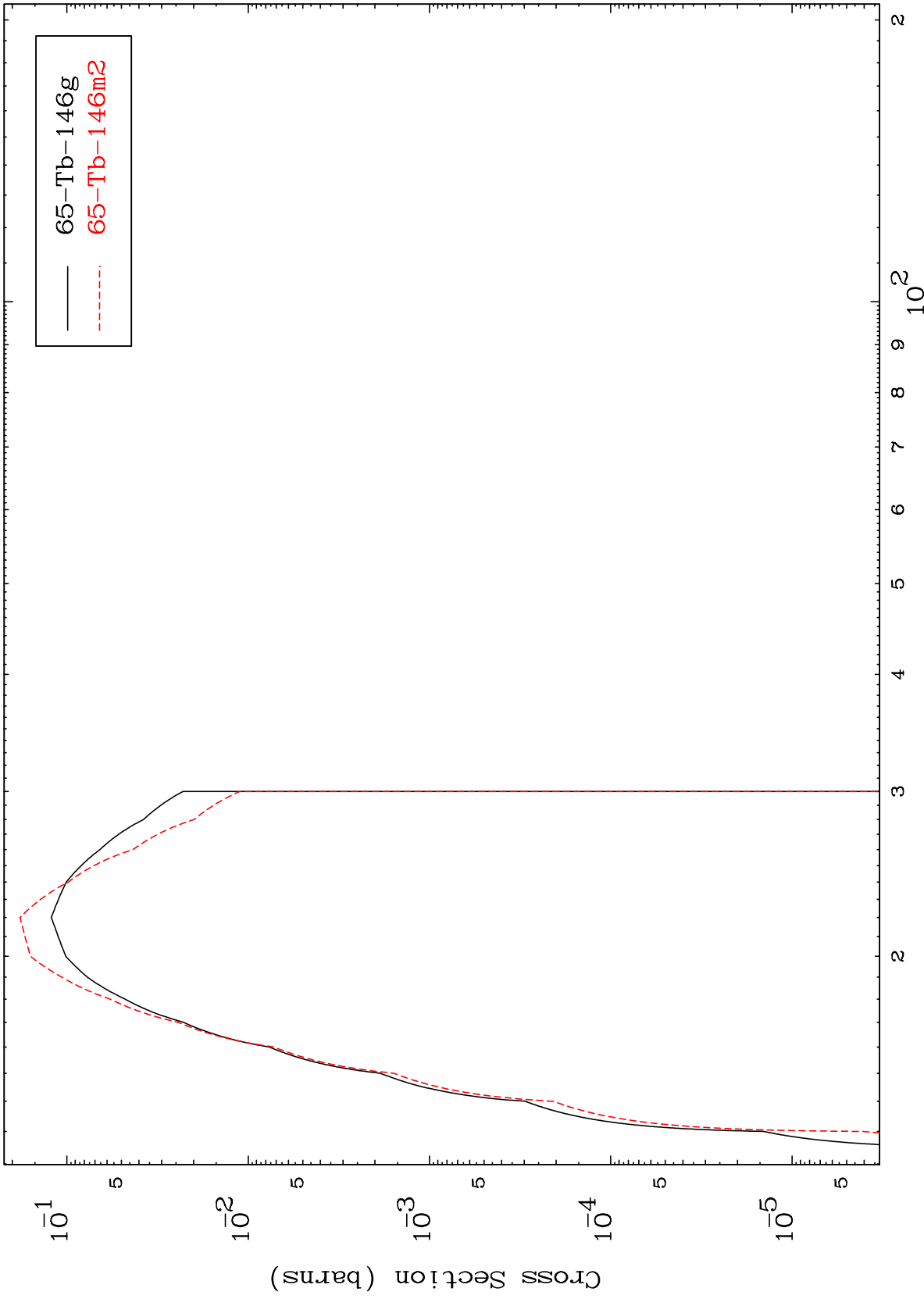


10

Incident Energy (MeV)

63-Eu-143

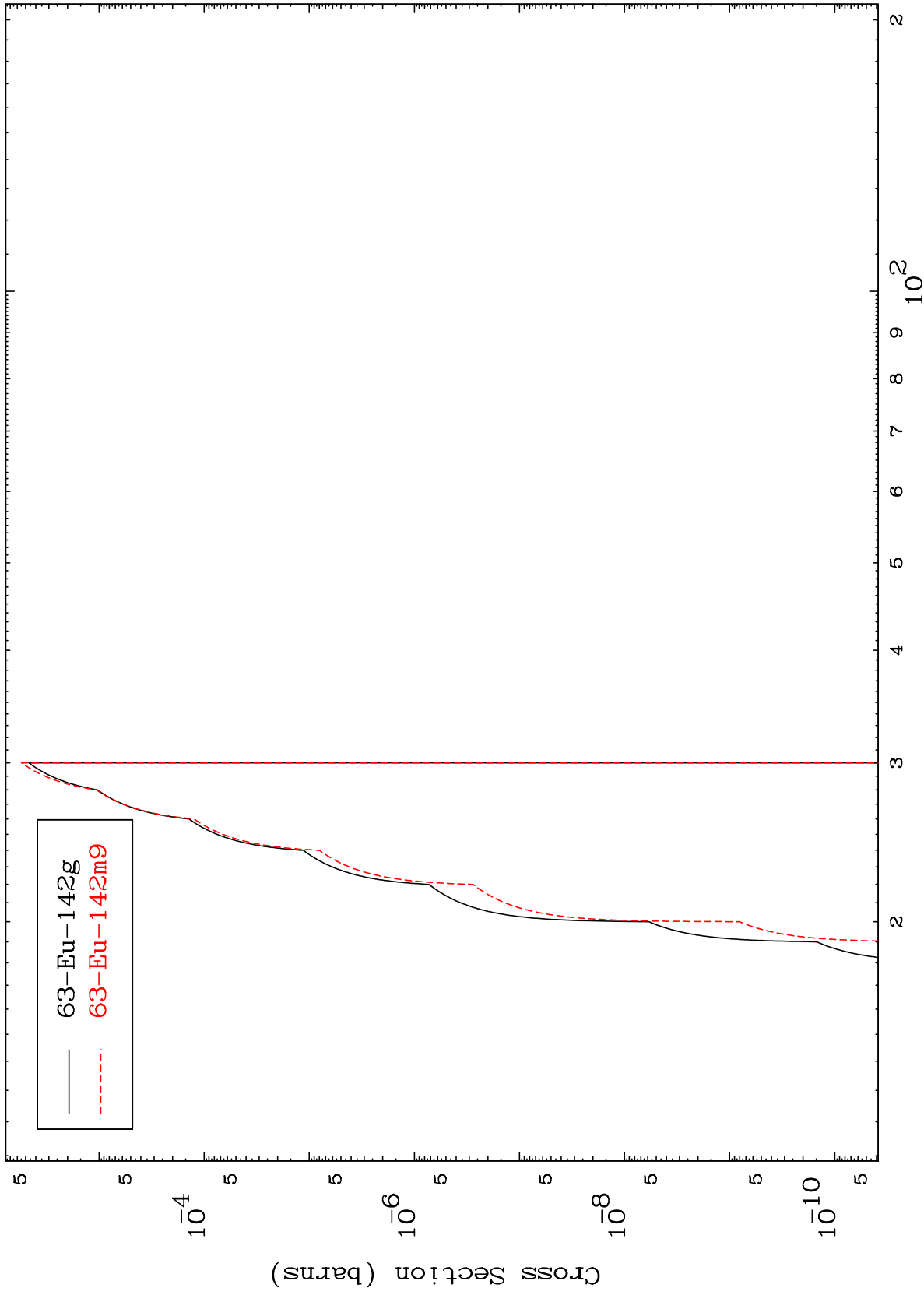
α Inelastic
Radionuclide Production Cross Section



MAT 6301

63-Eu-143

(α, n') α
Radionuclide Production Cross Section



12

63-Eu-143

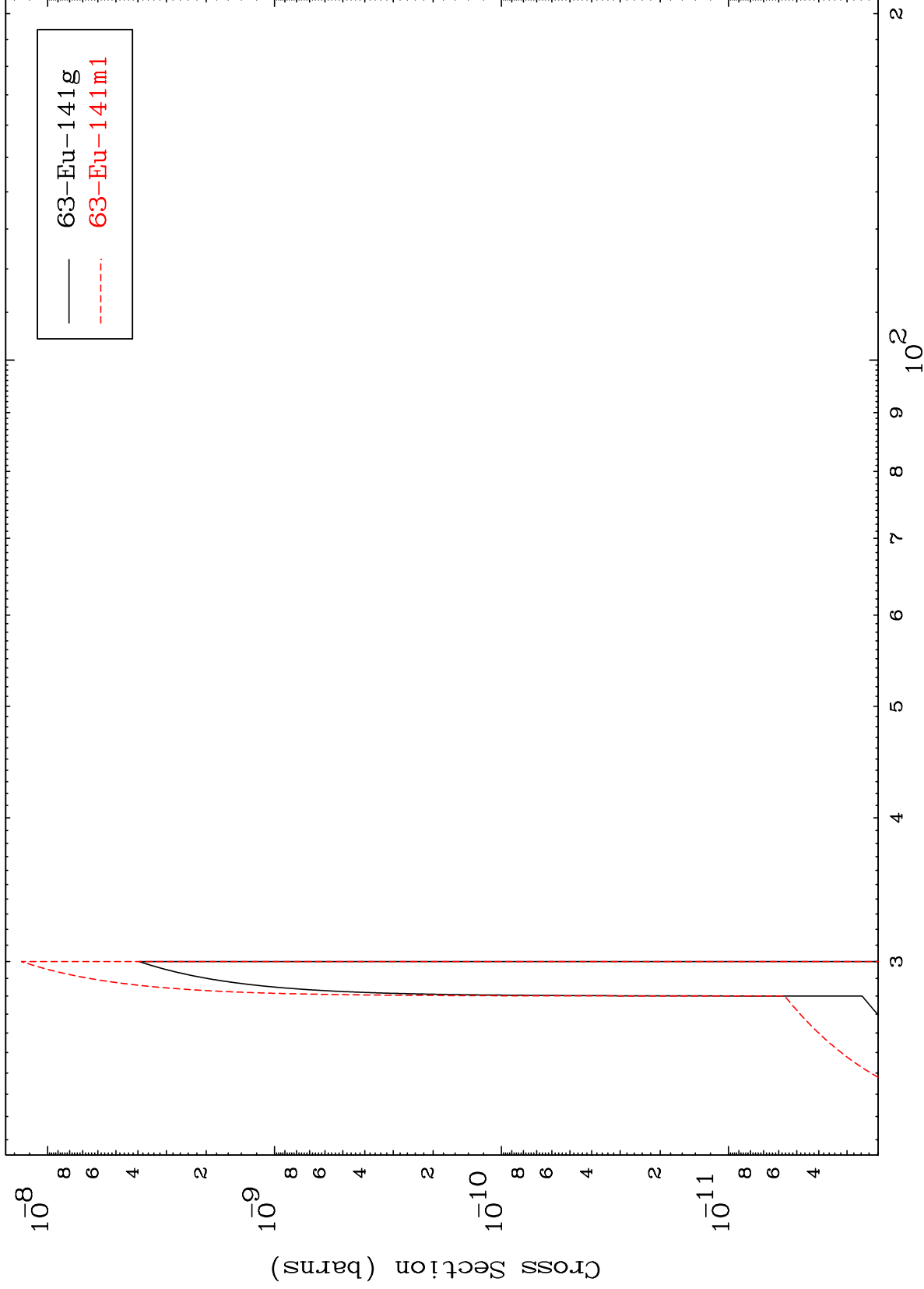
Incident Energy (MeV)

MAT 6301

$(\alpha, 2n) \alpha$

$^{63}\text{Eu}-143$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

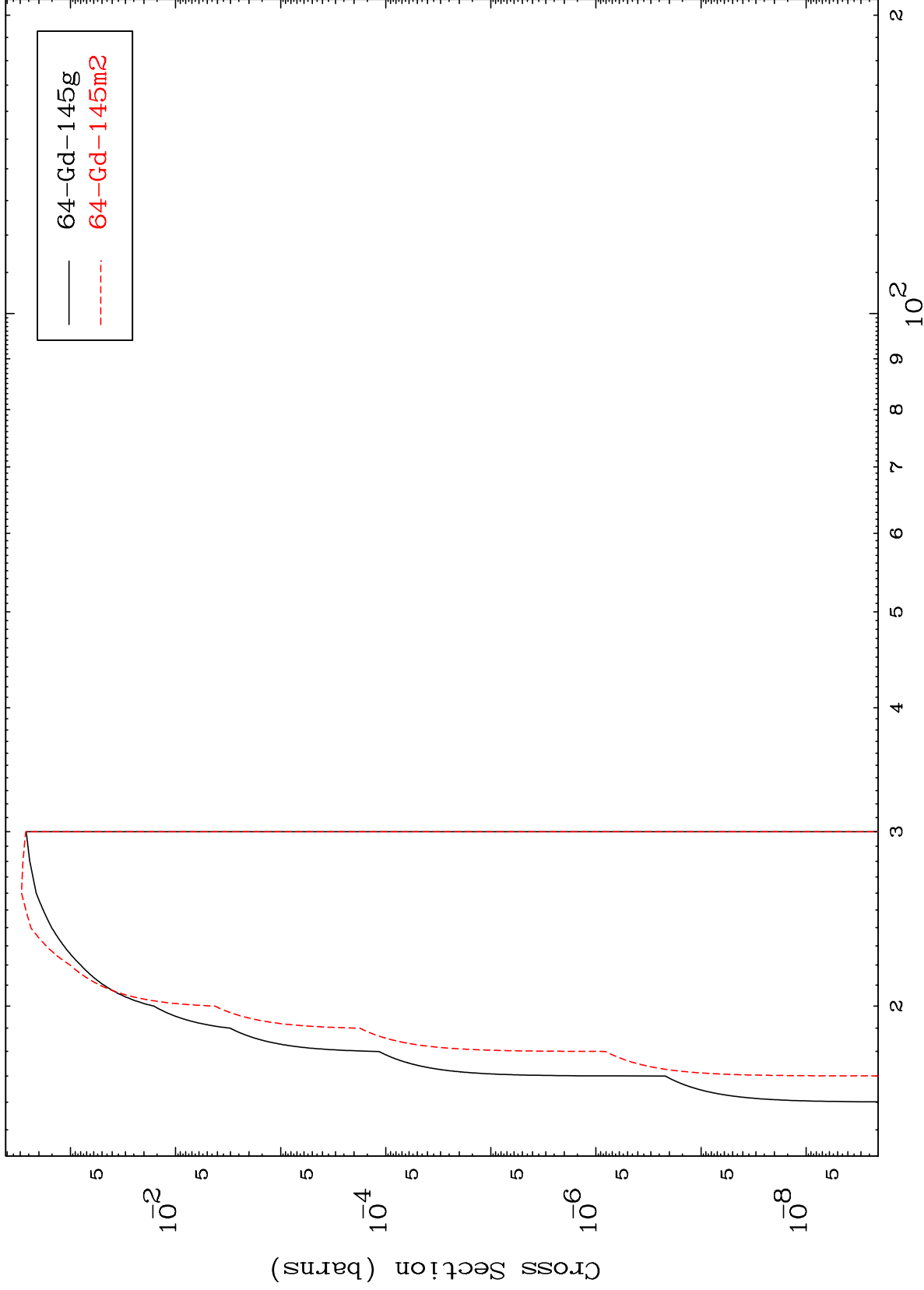
$^{63}\text{Eu}-143$

MAT 6301

(α, n') p

63-Eu-143

Radionuclide Production Cross Section



14

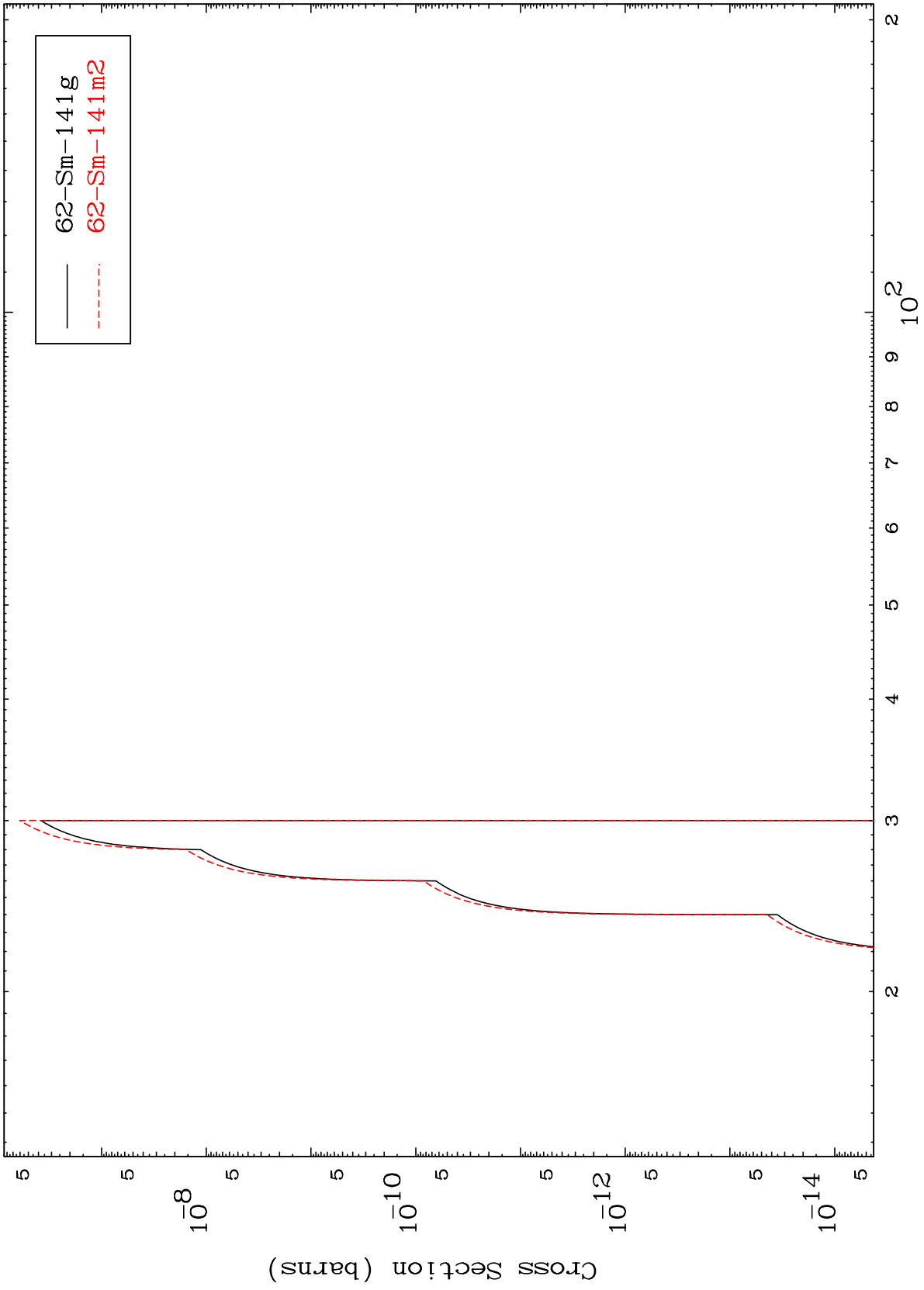
Incident Energy (MeV)

63-Eu-143

MAT 6301

63-Eu-143

(α, n') p α
Radionuclide Production Cross Section



15

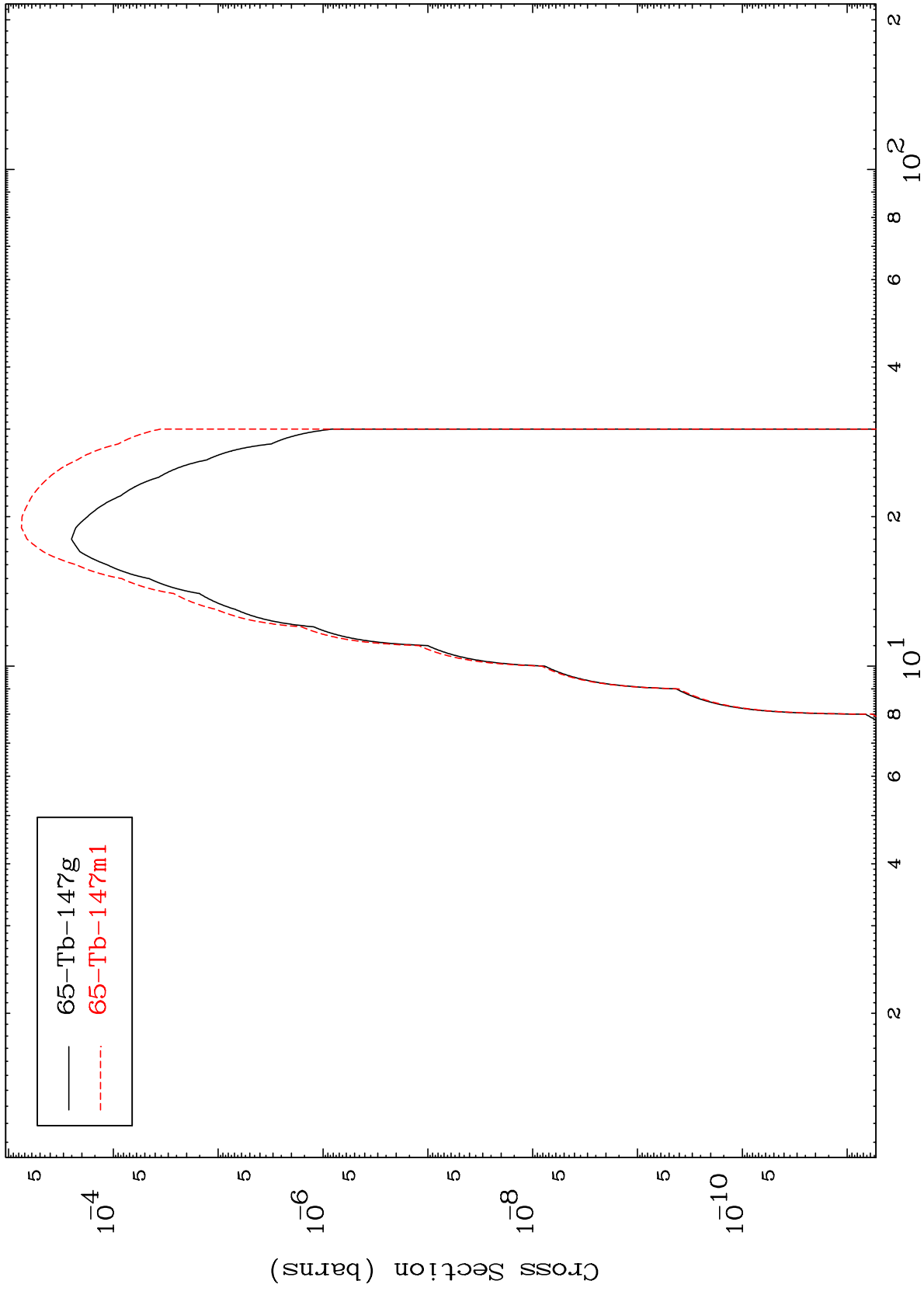
Incident Energy (MeV)

63-Eu-143

MAT 6301

63-Eu-143

(α, γ)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

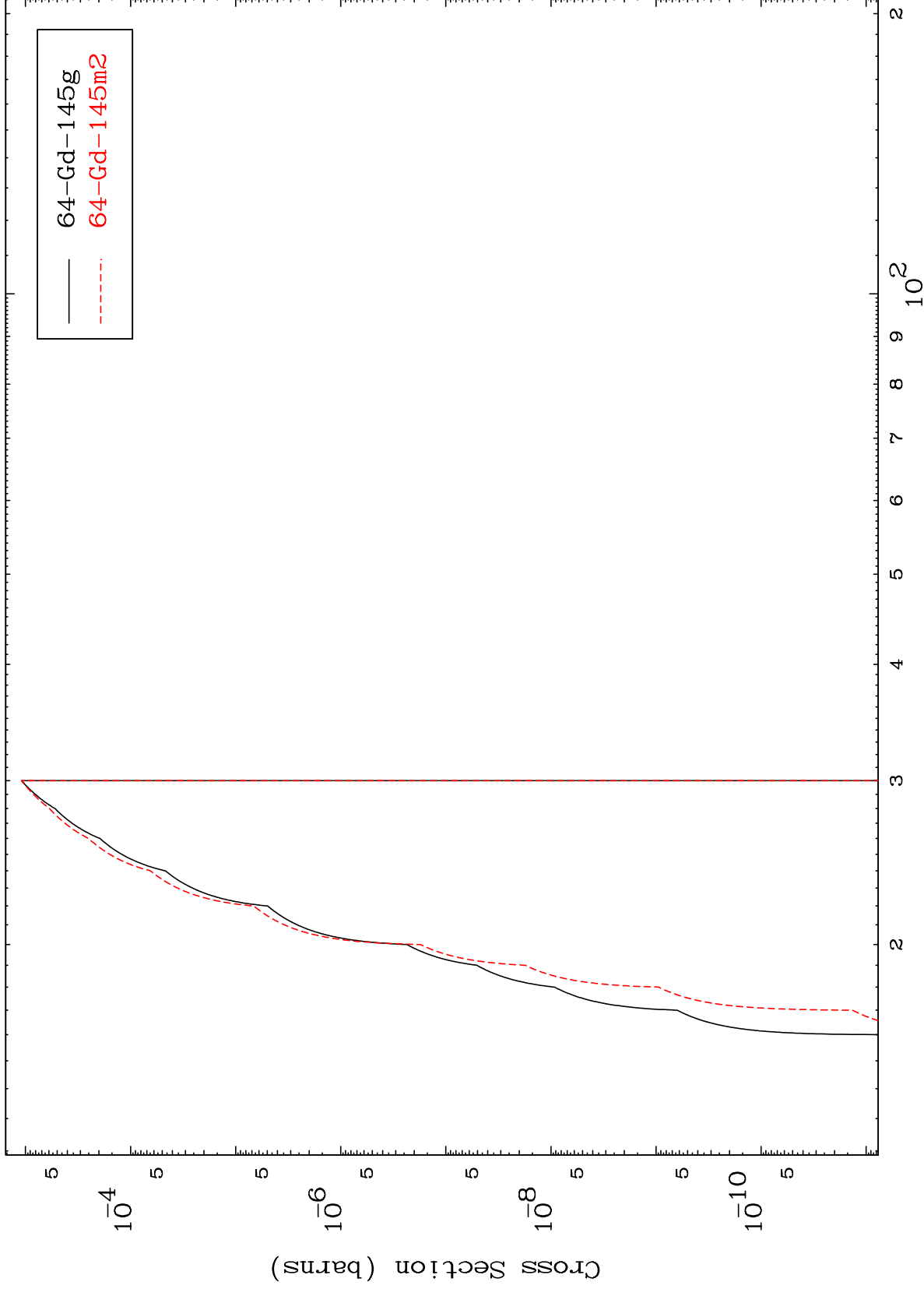
63-Eu-143

MAT 6301

(α, d)

63-Eu-143

Radionuclide Production Cross Section



17

Incident Energy (MeV)

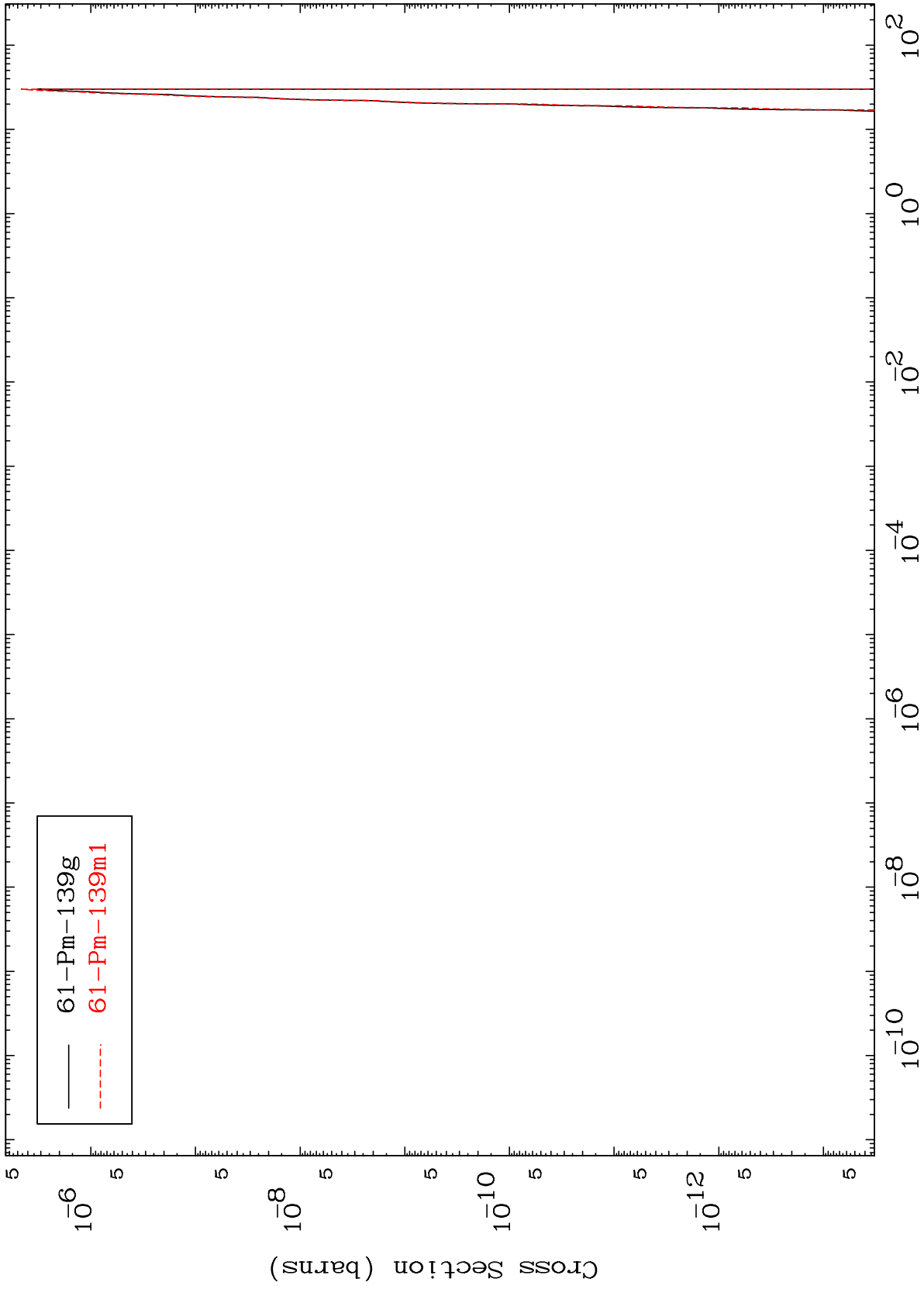
63-Eu-143

MAT 6301

($\alpha, 2\alpha$)

63-Eu-143

Radionuclide Production Cross Section



18

Incident Energy (MeV)

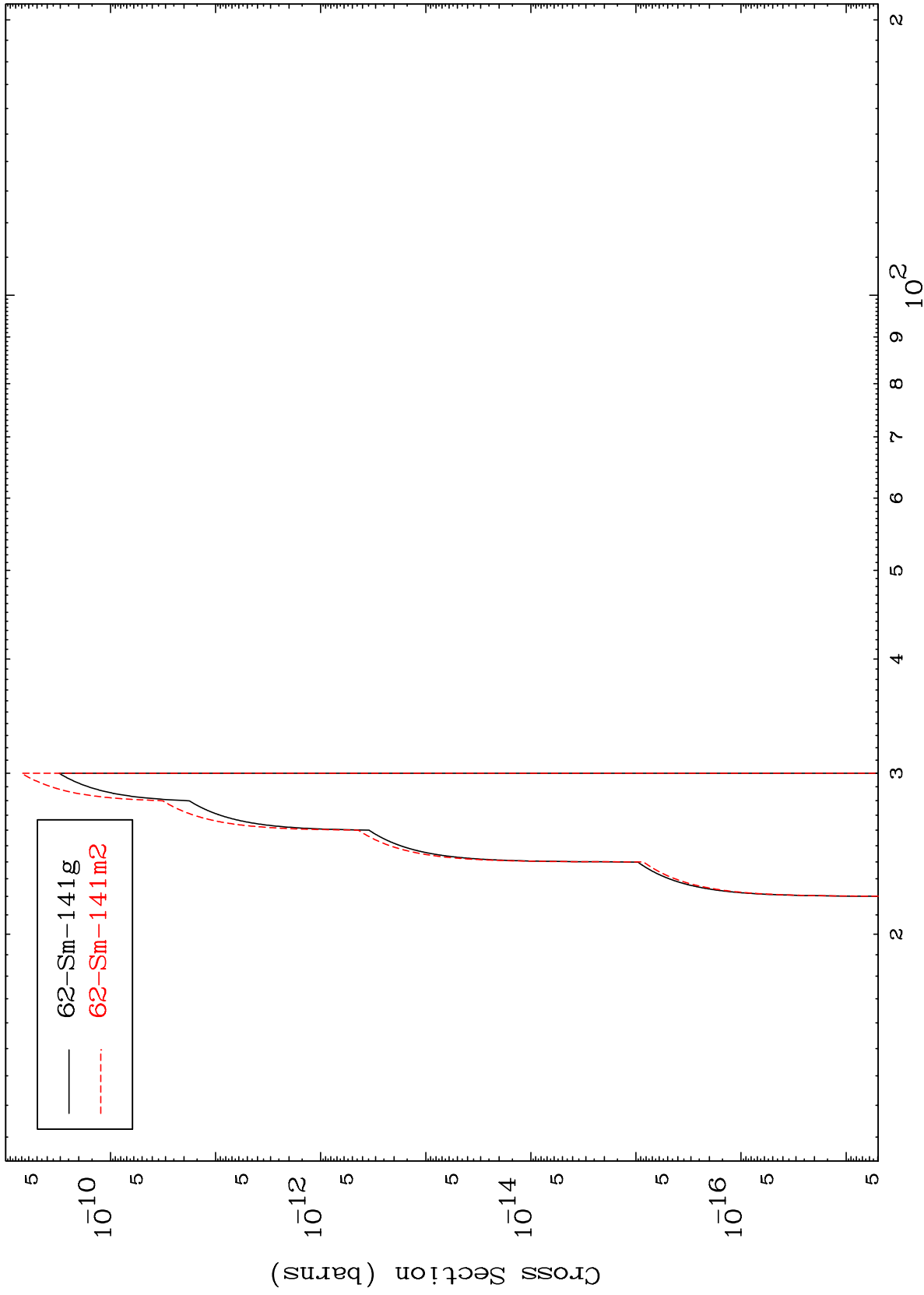
63-Eu-143

MAT 6301

(α, d) α

63-Eu-143

Radionuclide Production Cross Section



19

63-Eu-143