

Program EVALPLOT
(Version 2018-1)

by

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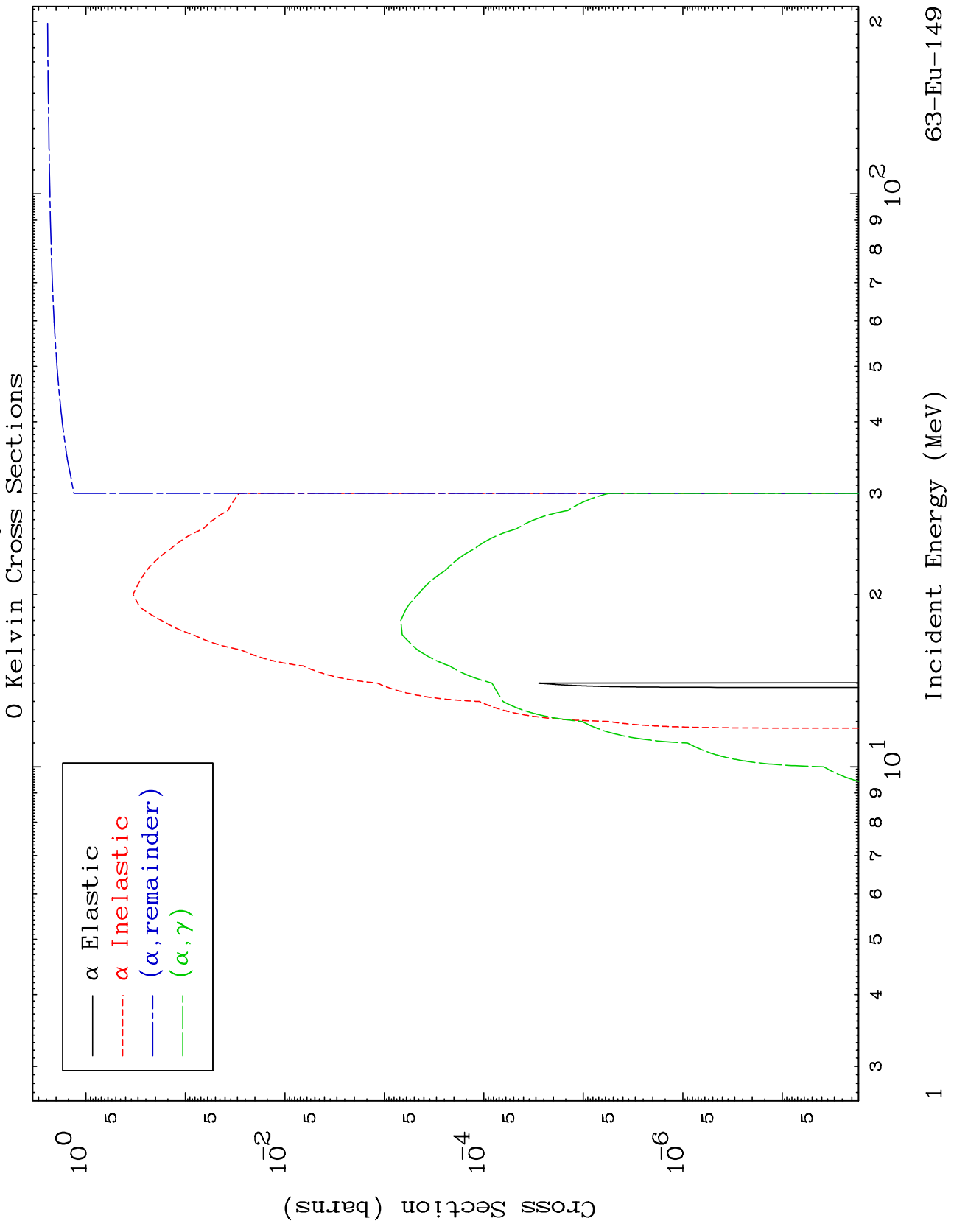
Press Mouse Button to Start

MAT 6319

0 Kelvin

α Major

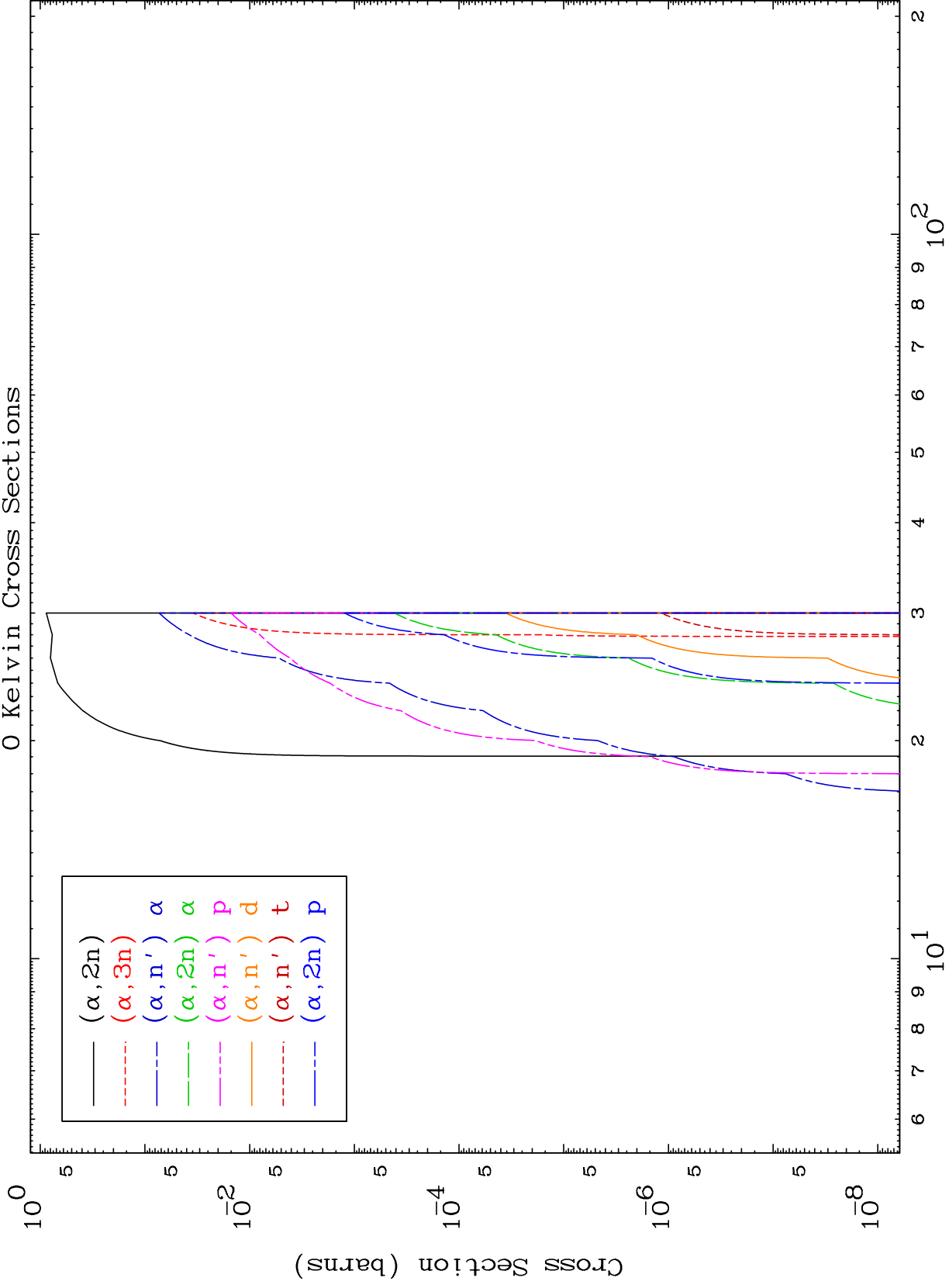
63-Eu-149



MAT 6319

α Neutron Production
0 Kelvin Cross Sections

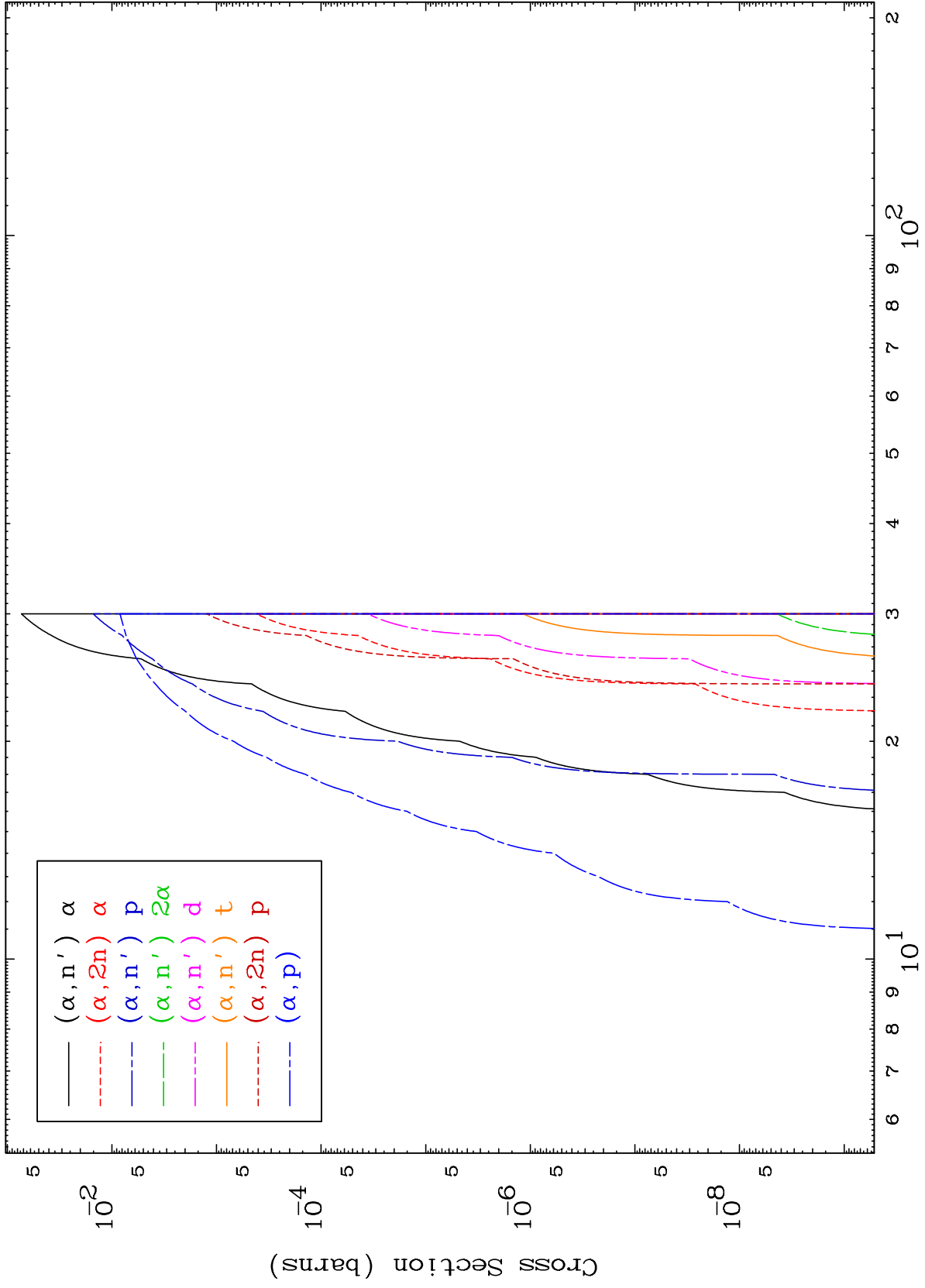
63-Eu-149



2

Incident Energy (MeV)

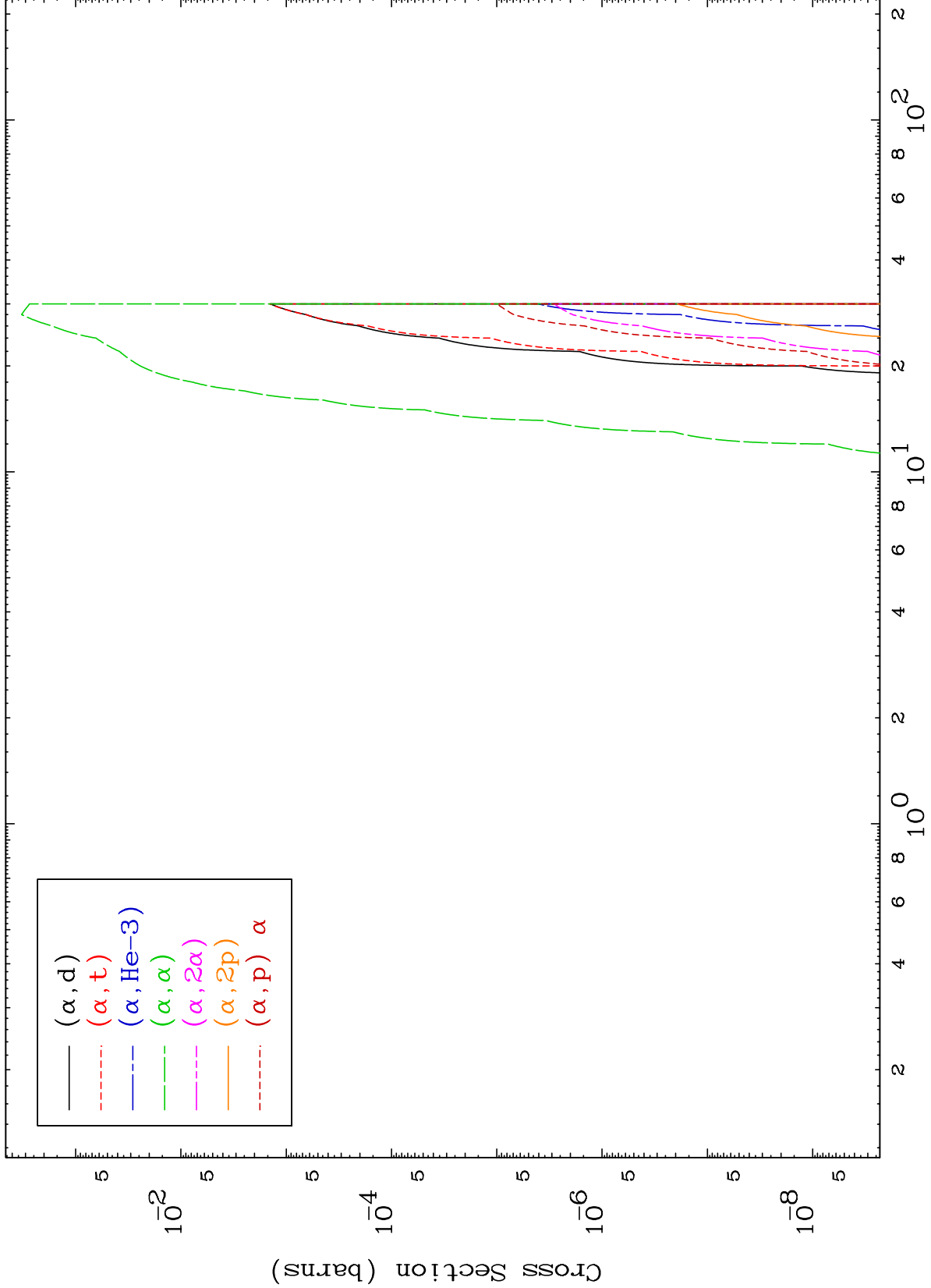
63-Eu-149



MAT 6319

α Charged Particle
0 Kelvin Cross Sections

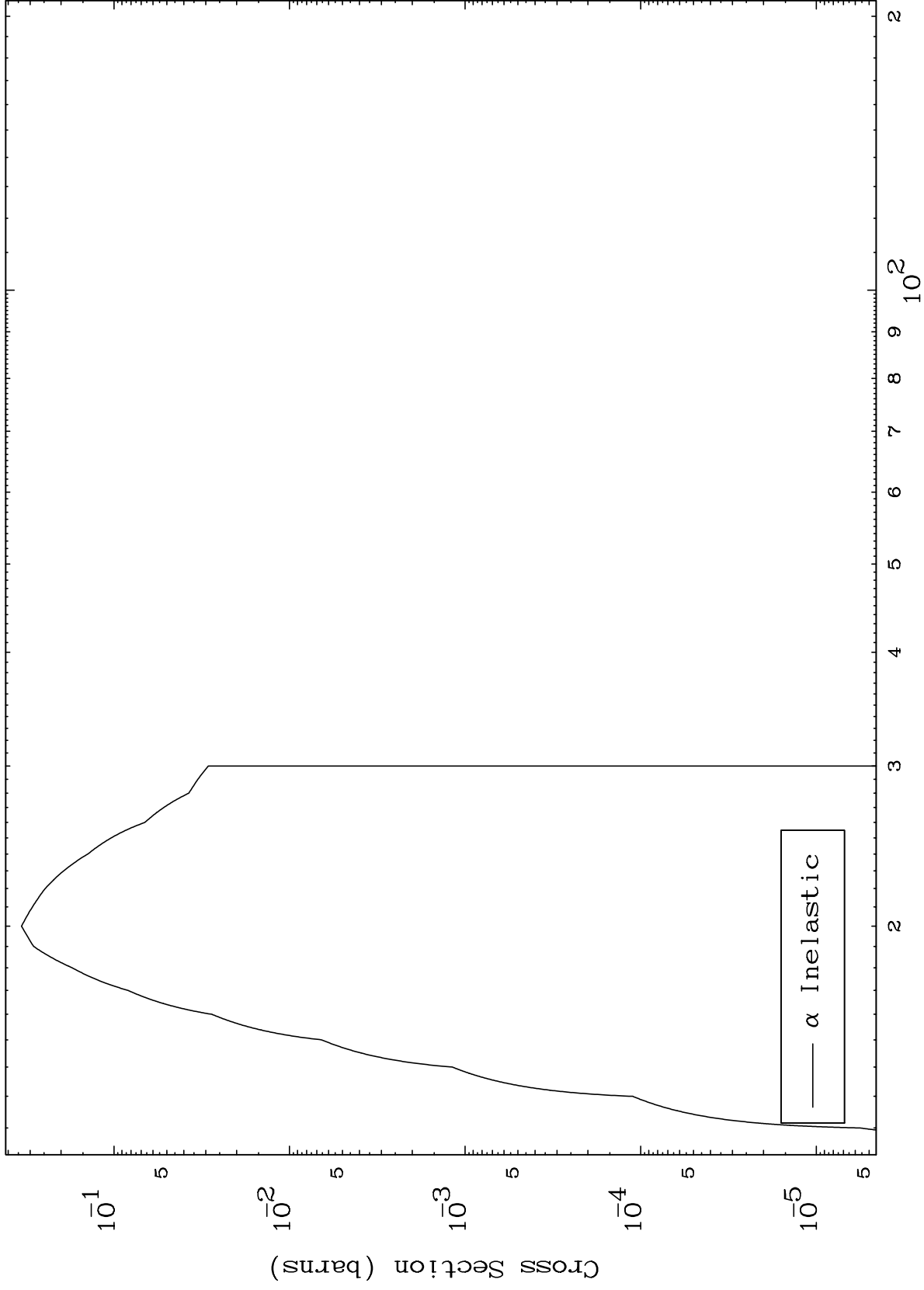
63-Eu-149



MAT 6319

(α, n') Level
0 Kelvin Cross Sections

63-Eu-149



5

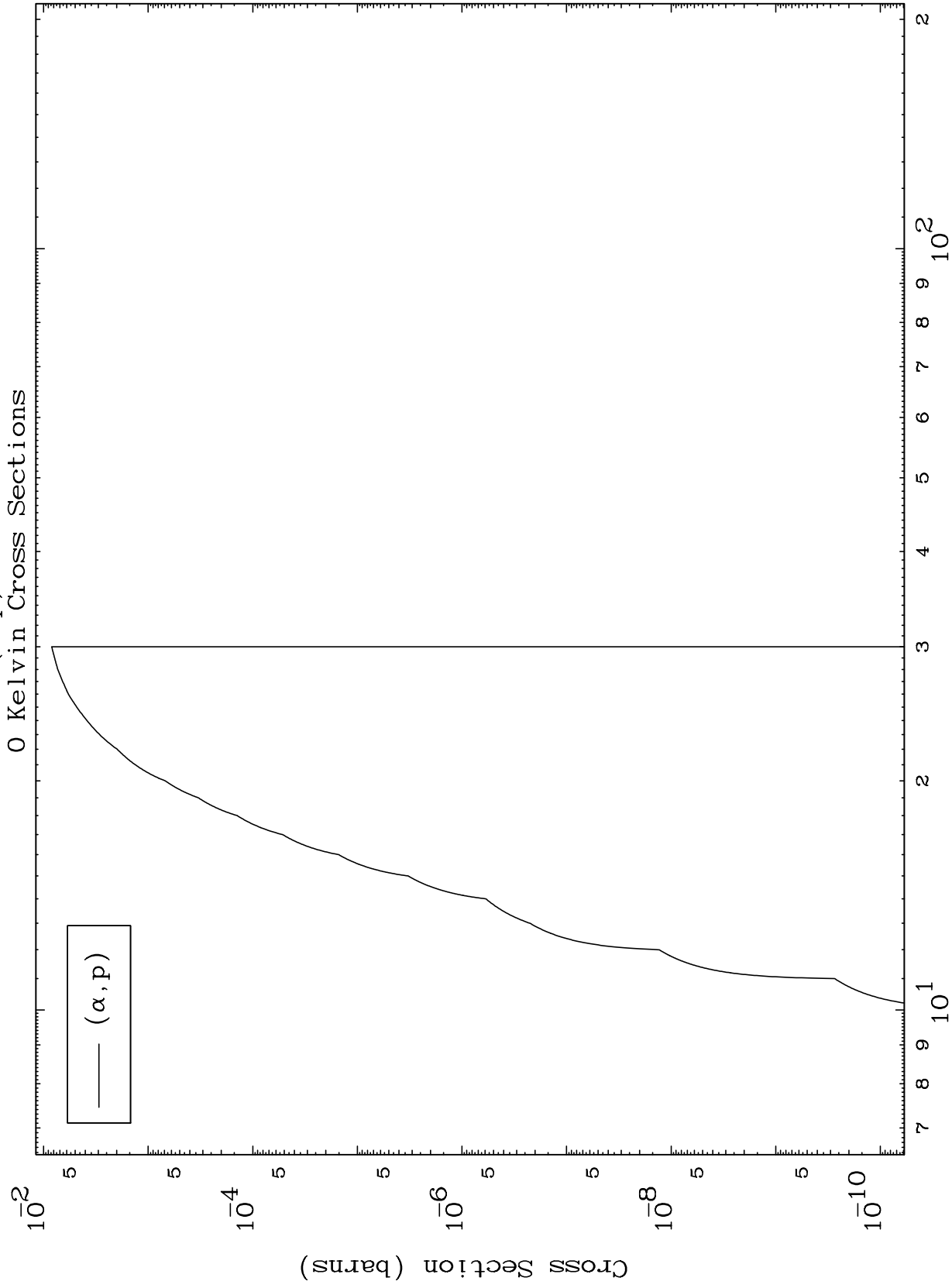
Incident Energy (MeV)

63-Eu-149

MAT 6319

(α, p) Levels

63-Eu-149



6

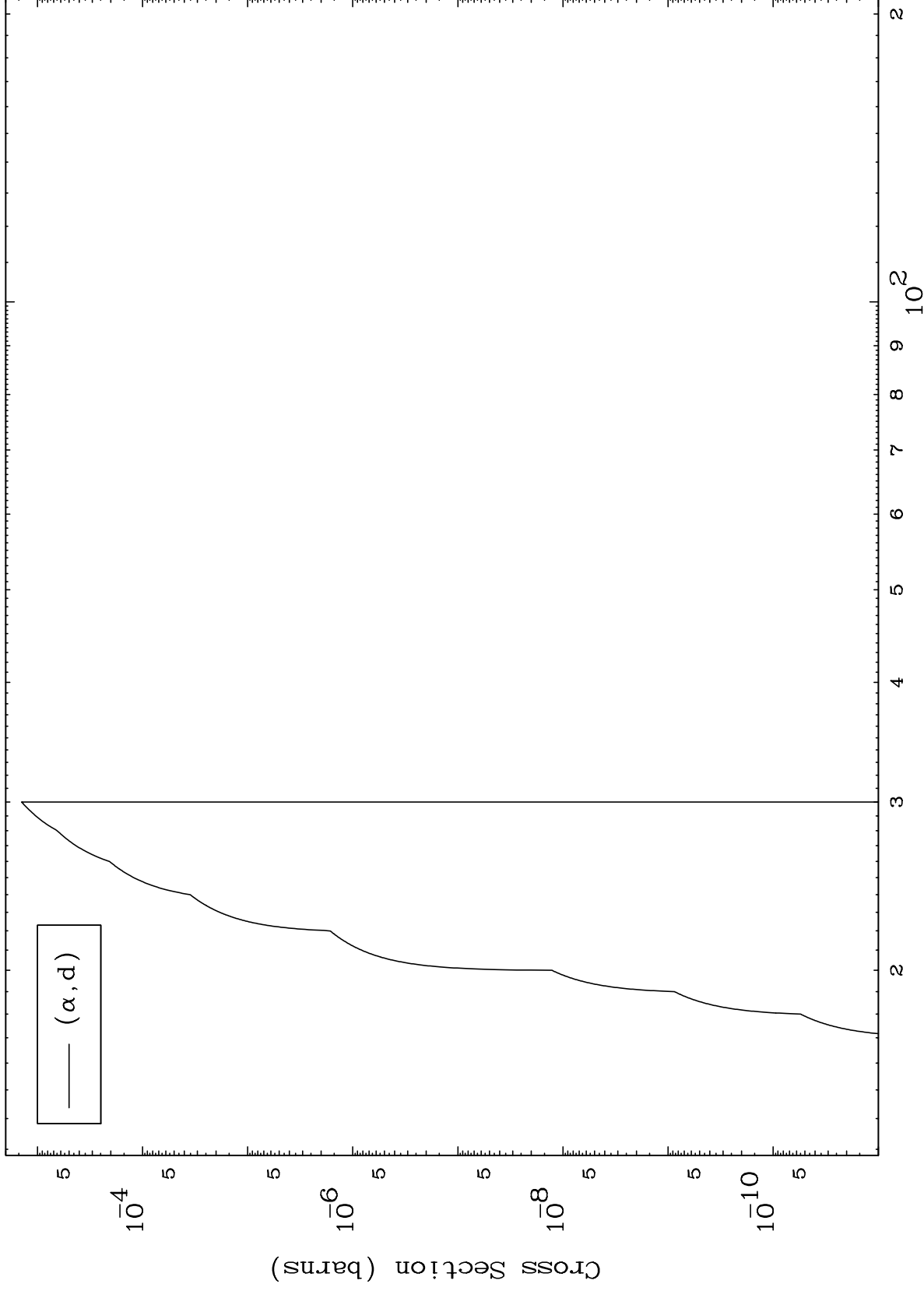
Incident Energy (MeV)

63-Eu-149

MAT 6319

(α, d) Levels
0 Kelvin Cross Sections

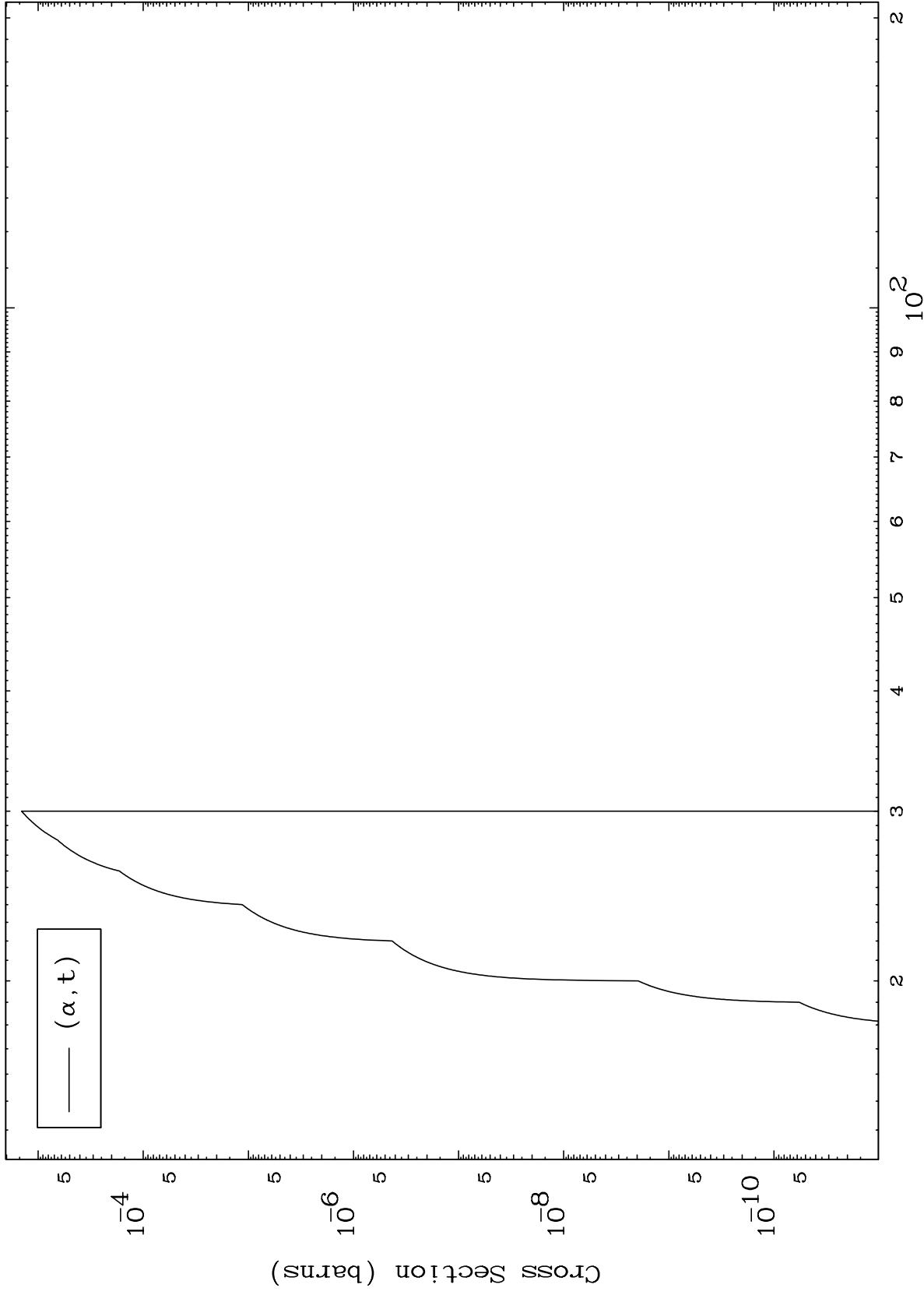
63-Eu-149

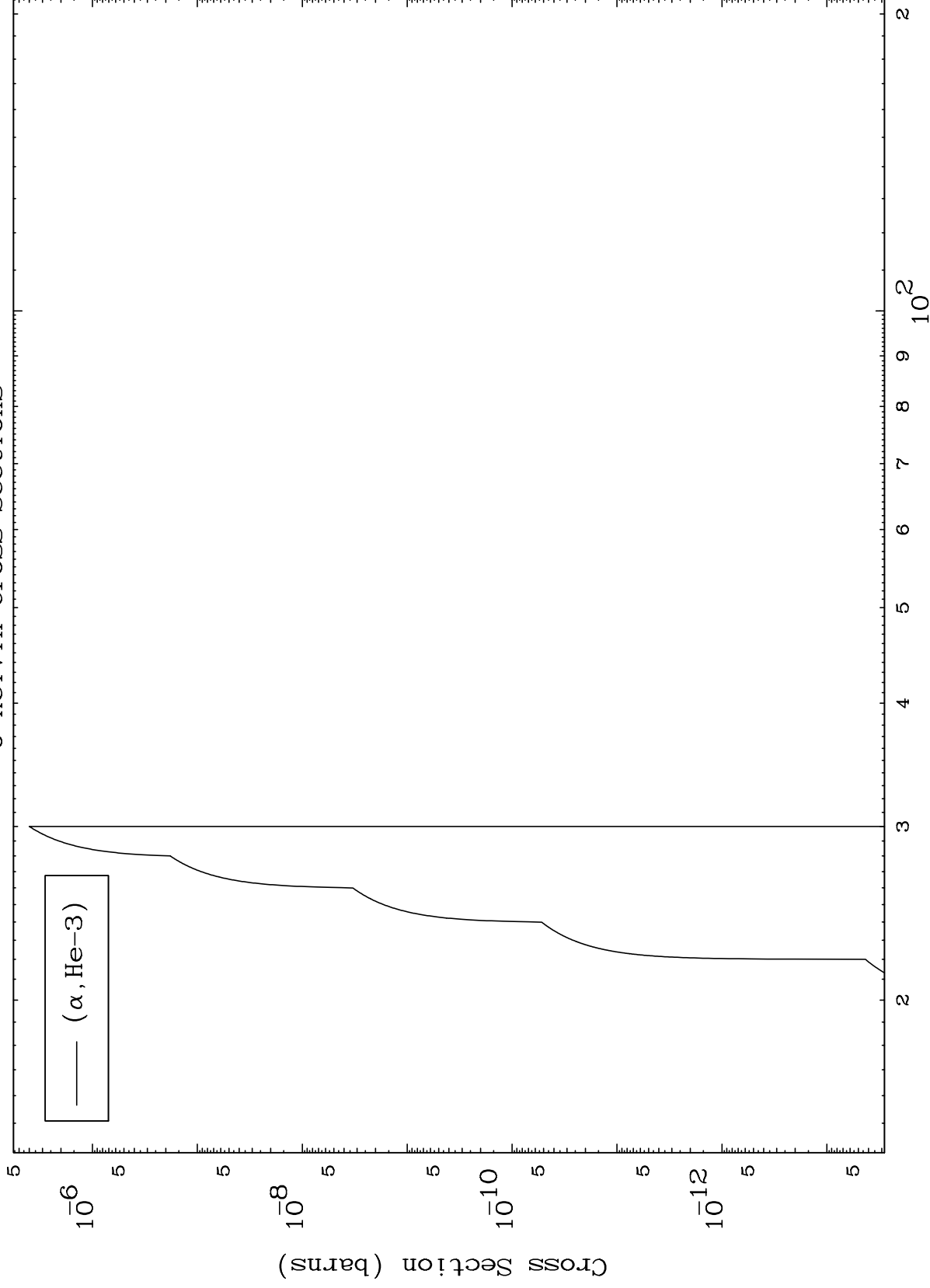


7

Incident Energy (MeV)

63-Eu-149



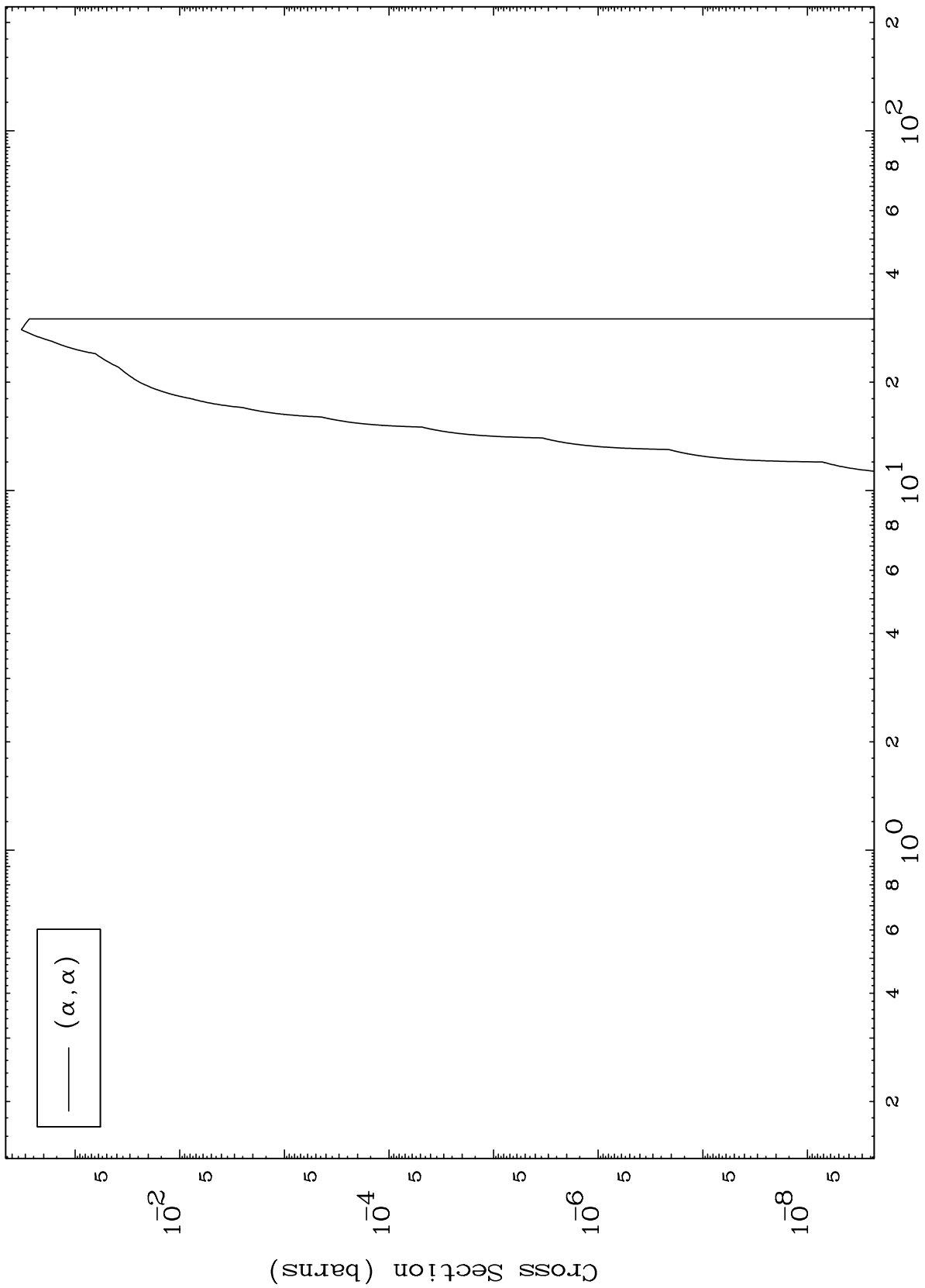


MAT 6319

(α, α) Levels

63-Eu-149

0 Kelvin Cross Sections

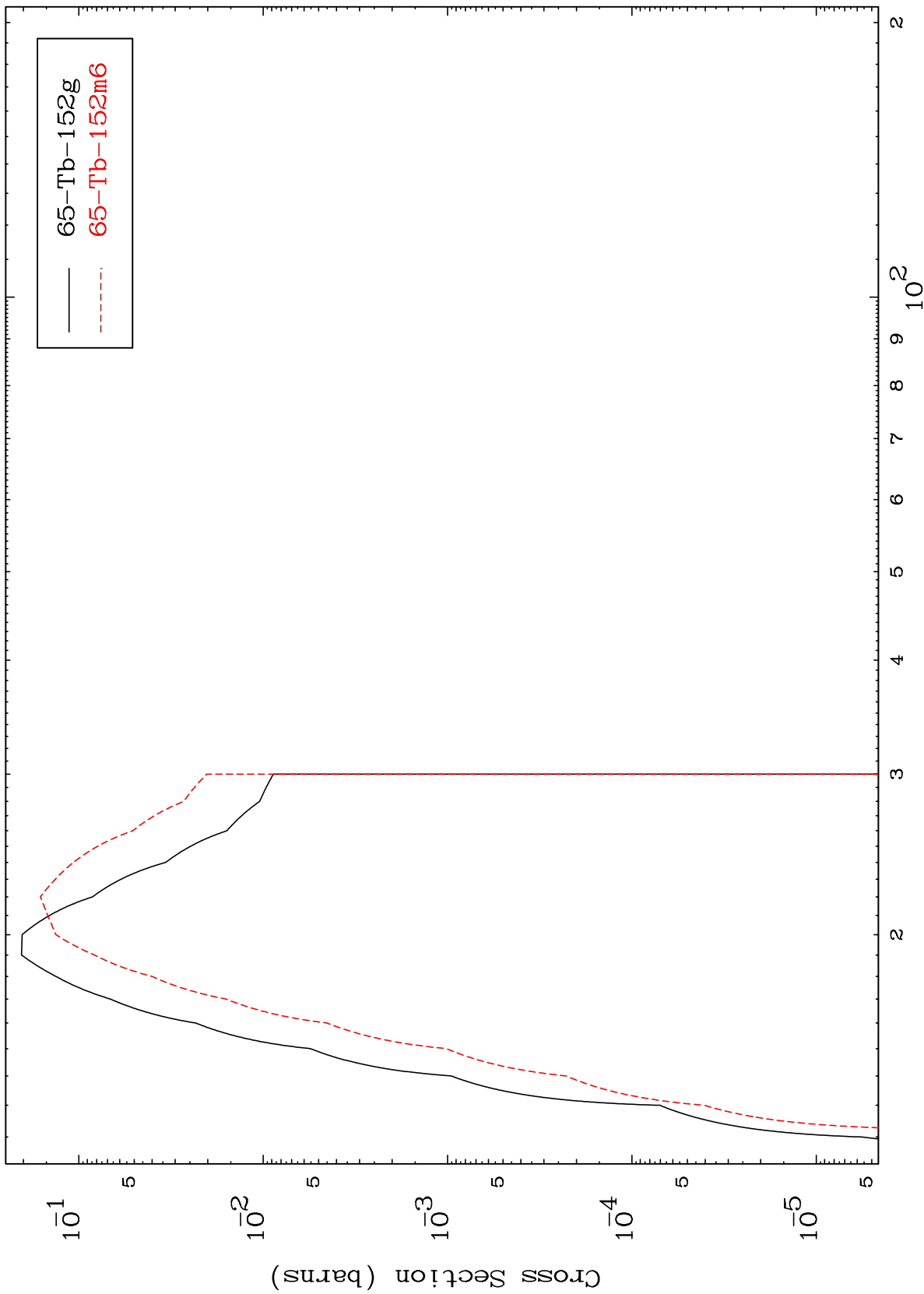


10

Incident Energy (MeV)

63-Eu-149

α Inelastic
Radionuclide Production Cross Section

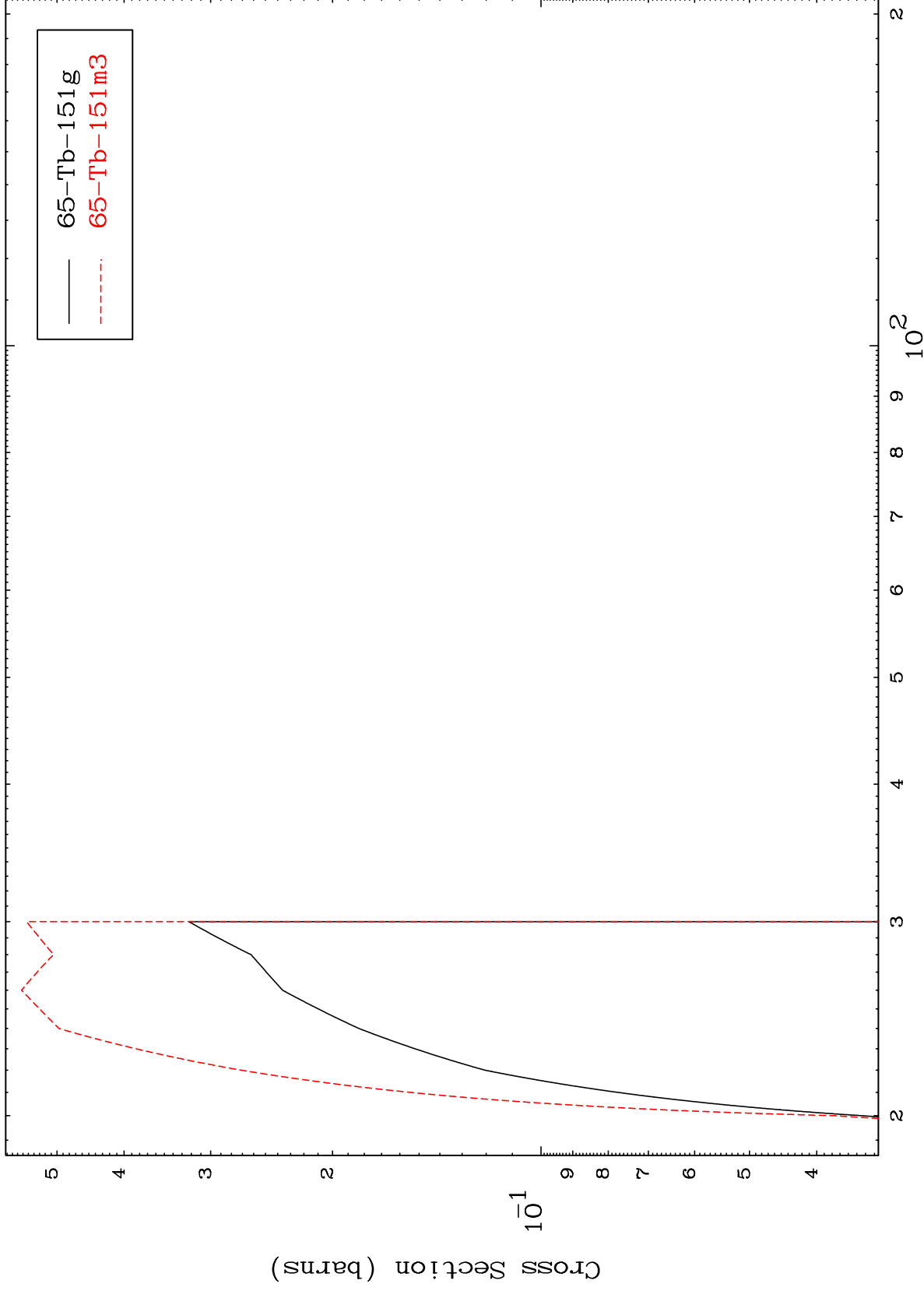


MAT 6319

($\alpha, 2n$)

63-Eu-149

Radionuclide Production Cross Section



12

Incident Energy (MeV)

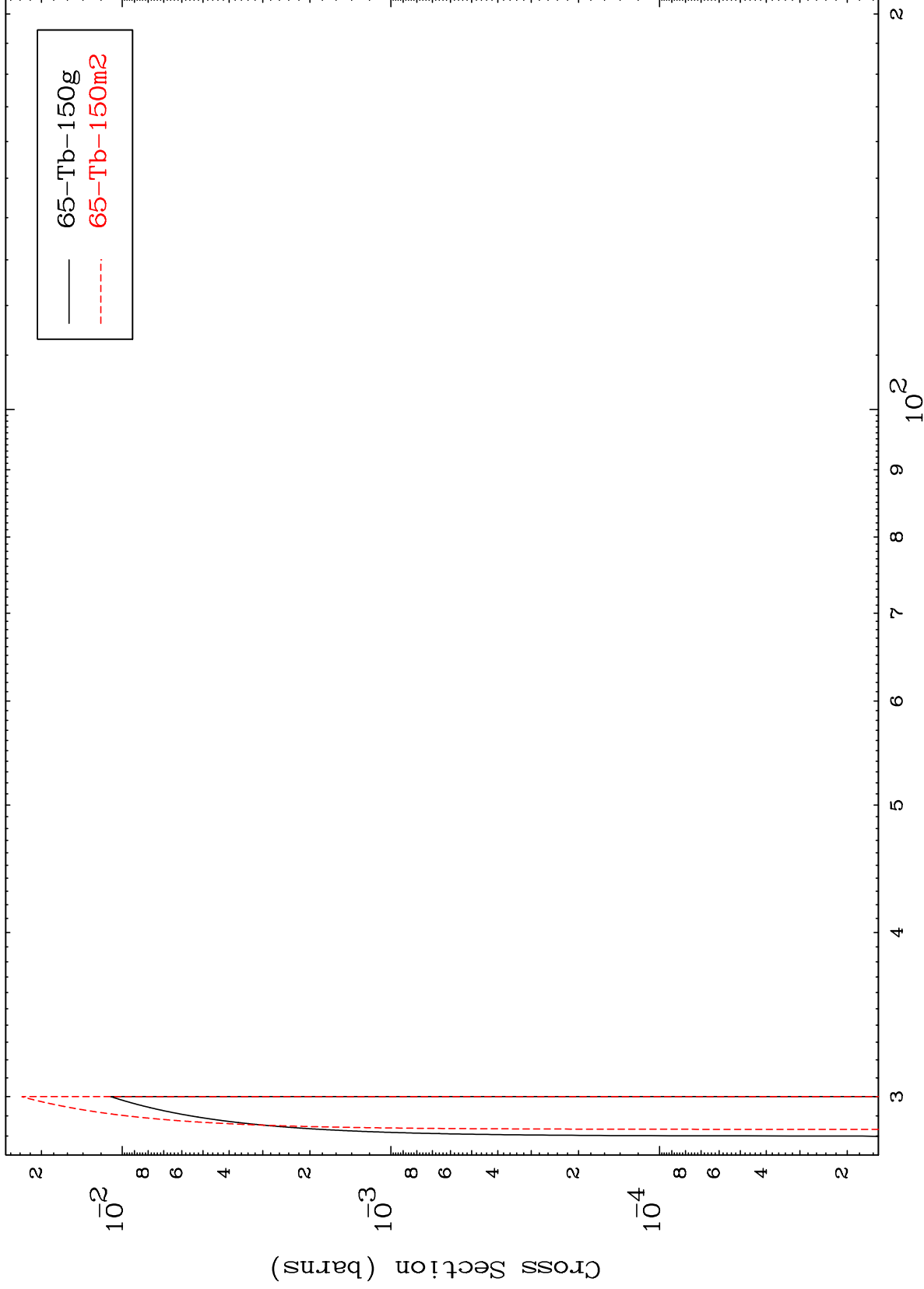
63-Eu-149

MAT 6319

($\alpha, 3n$)

63-Eu-149

Radionuclide Production Cross Section



13

Incident Energy (MeV)

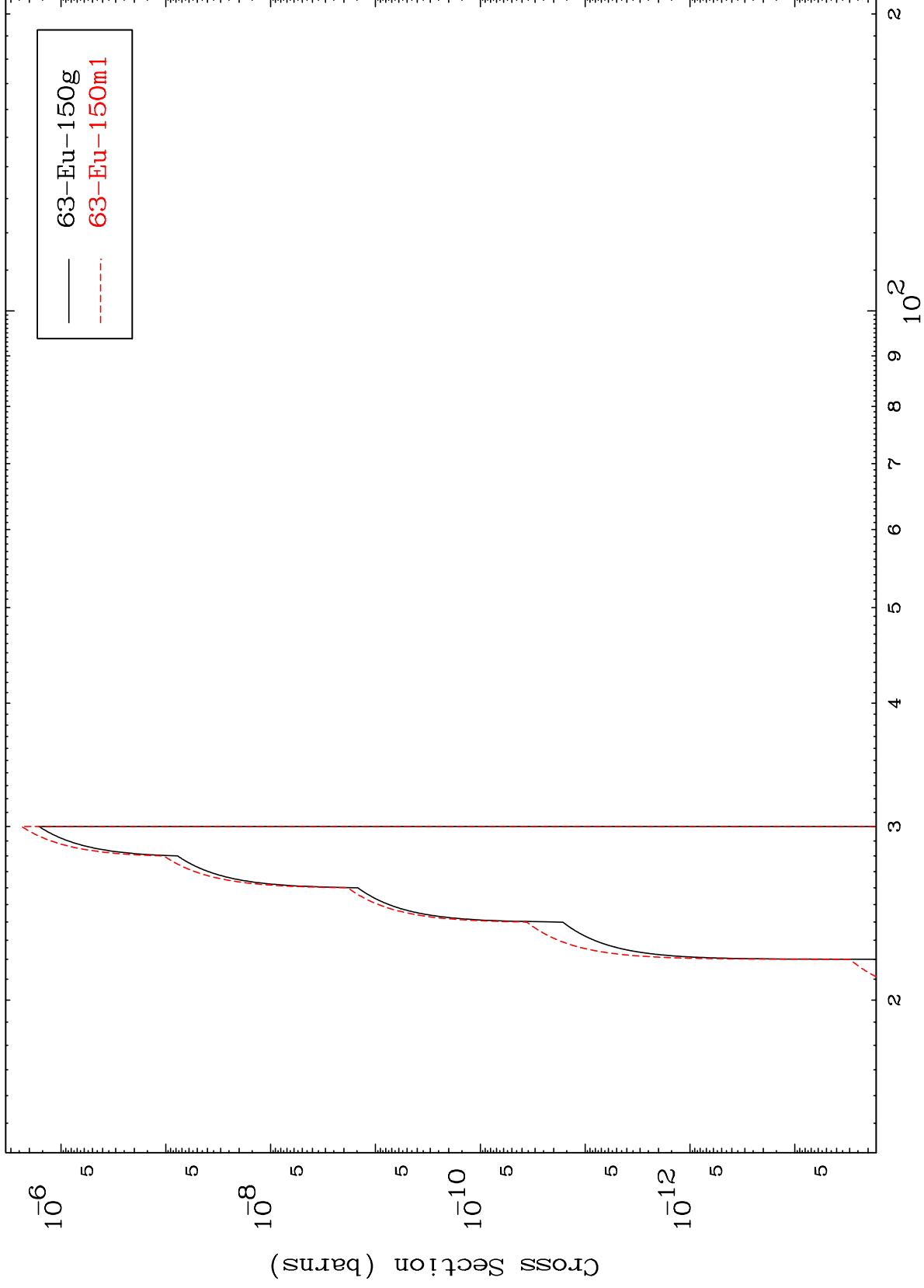
63-Eu-149

MAT 6319

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

63-Eu-149

Radionuclide Production Cross Section



14

Incident Energy (MeV)

63-Eu-149