

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

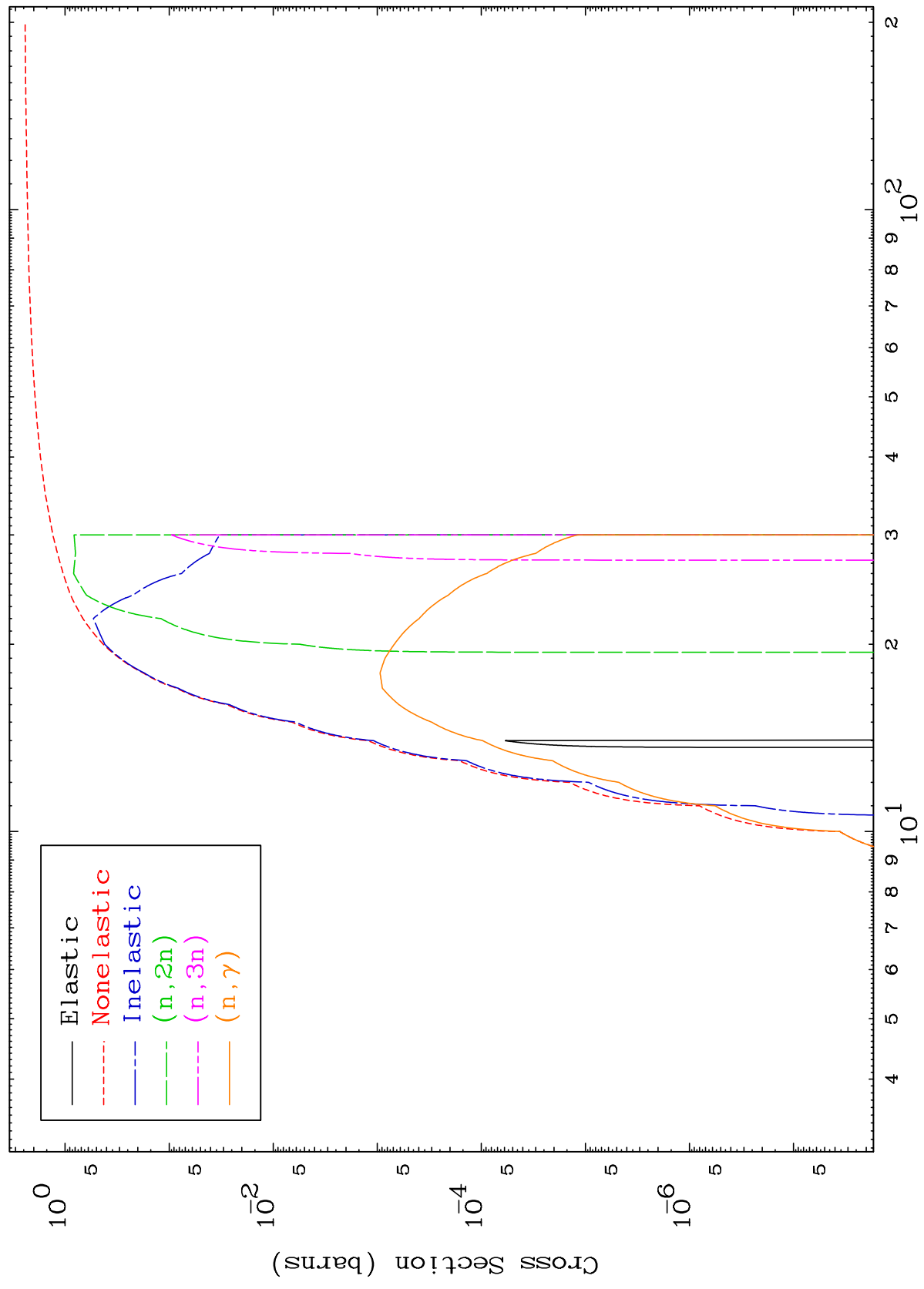
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Web:redcullen1.net/HOMEPAGE.NEW

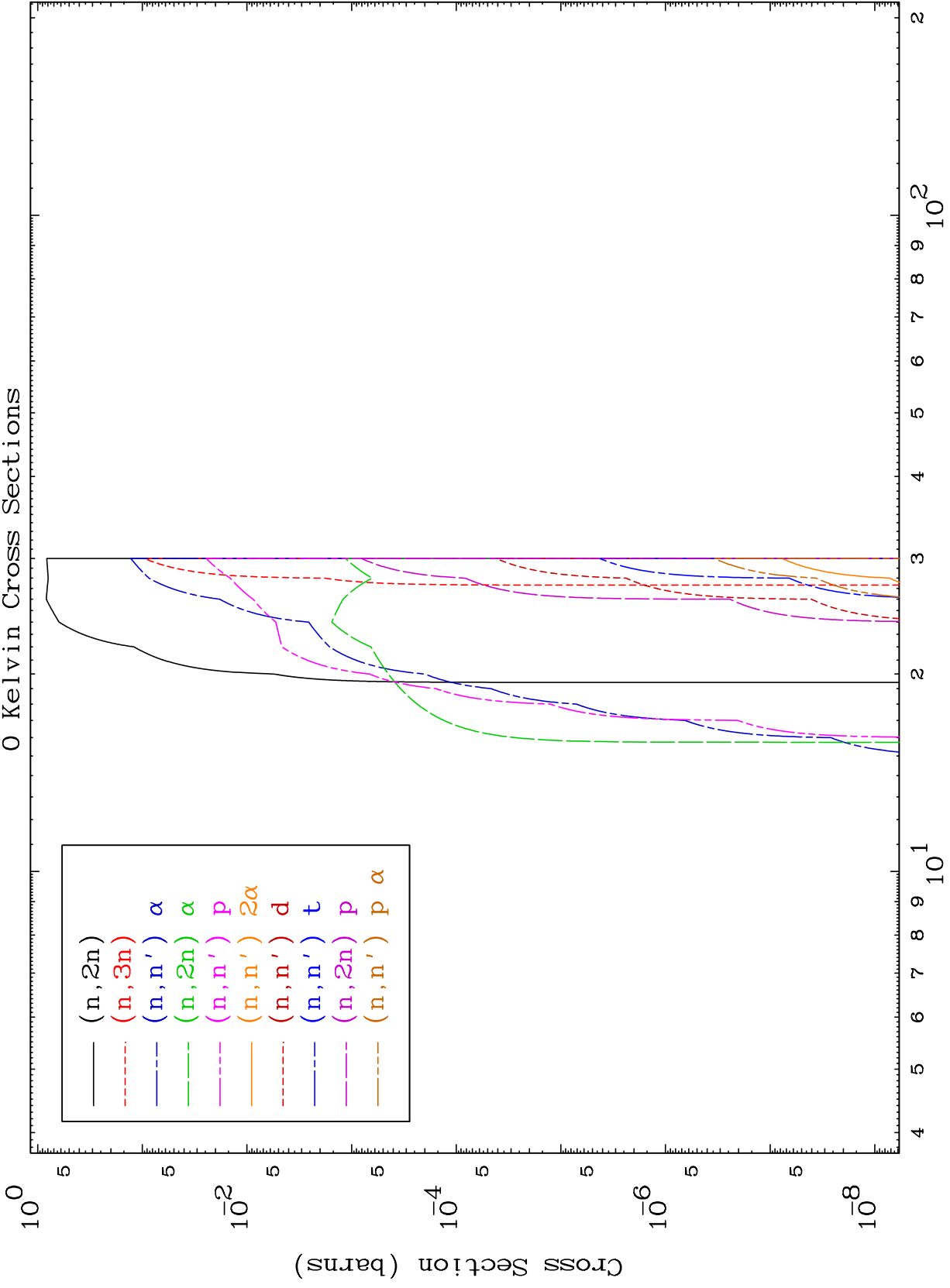
Press Mouse Button to Start



MAT 6316

α Neutron Absorption
0 Kelvin Cross Sections

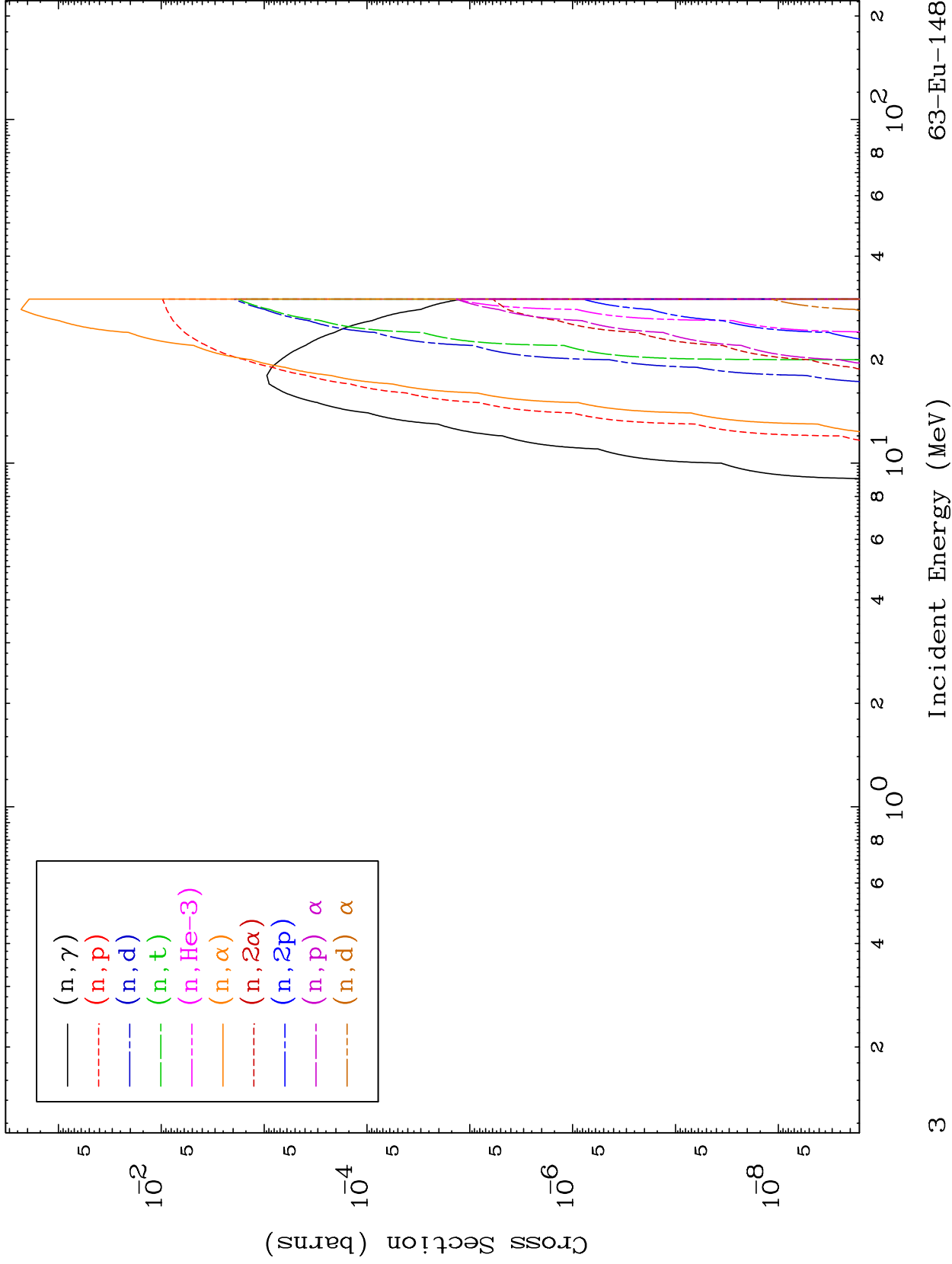
63-Eu-148

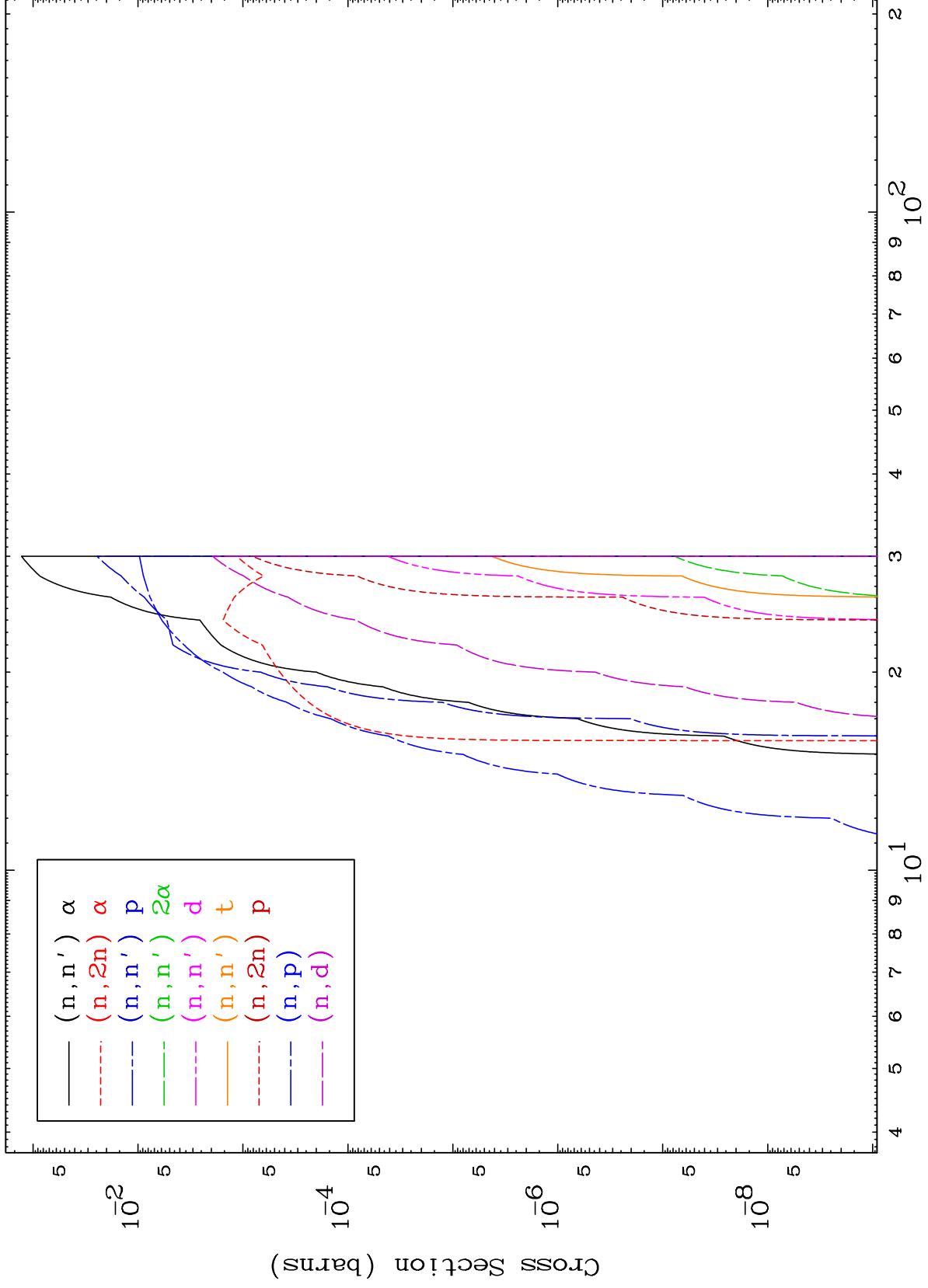


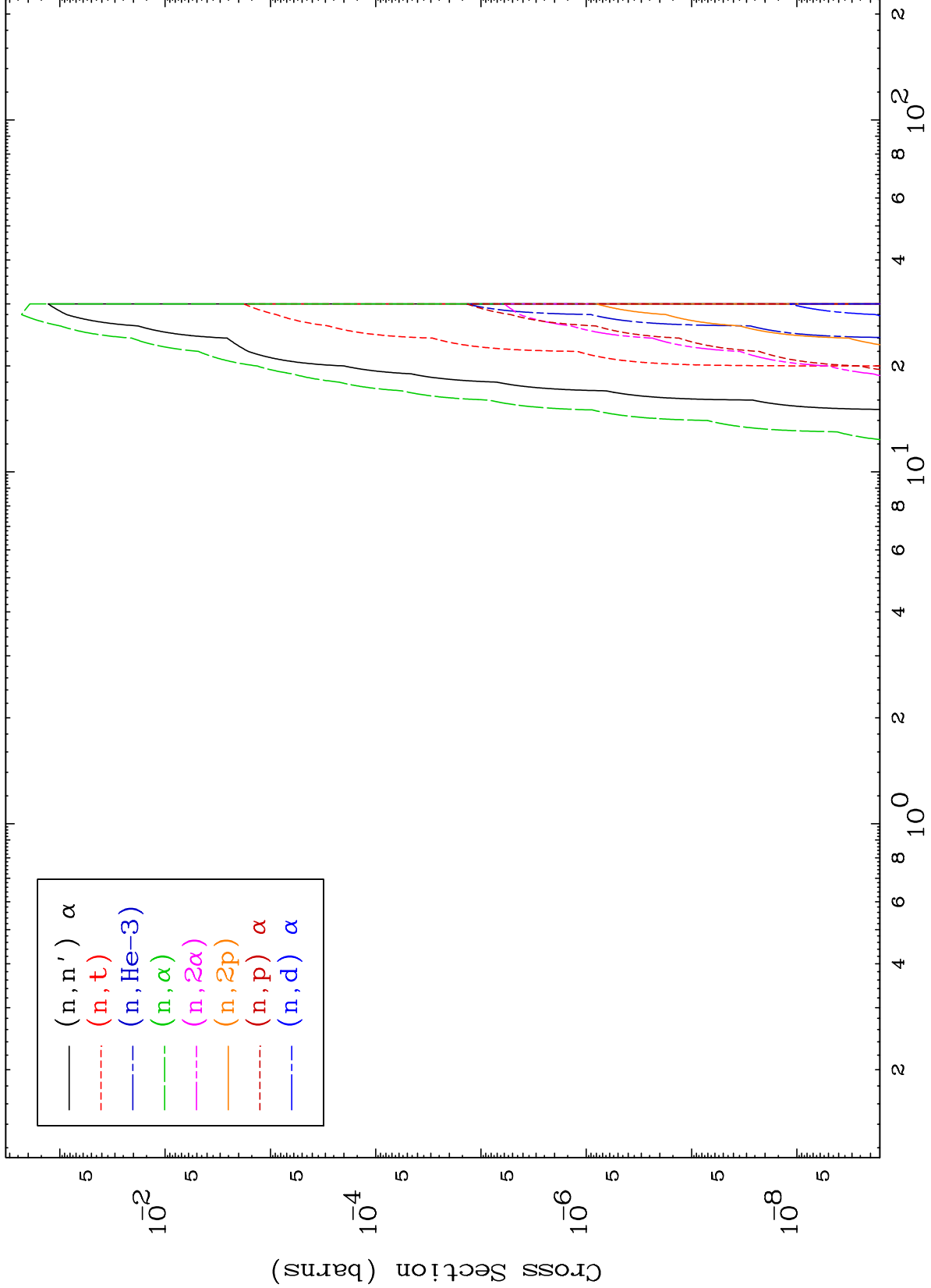
2

Incident Energy (MeV)

63-Eu-148





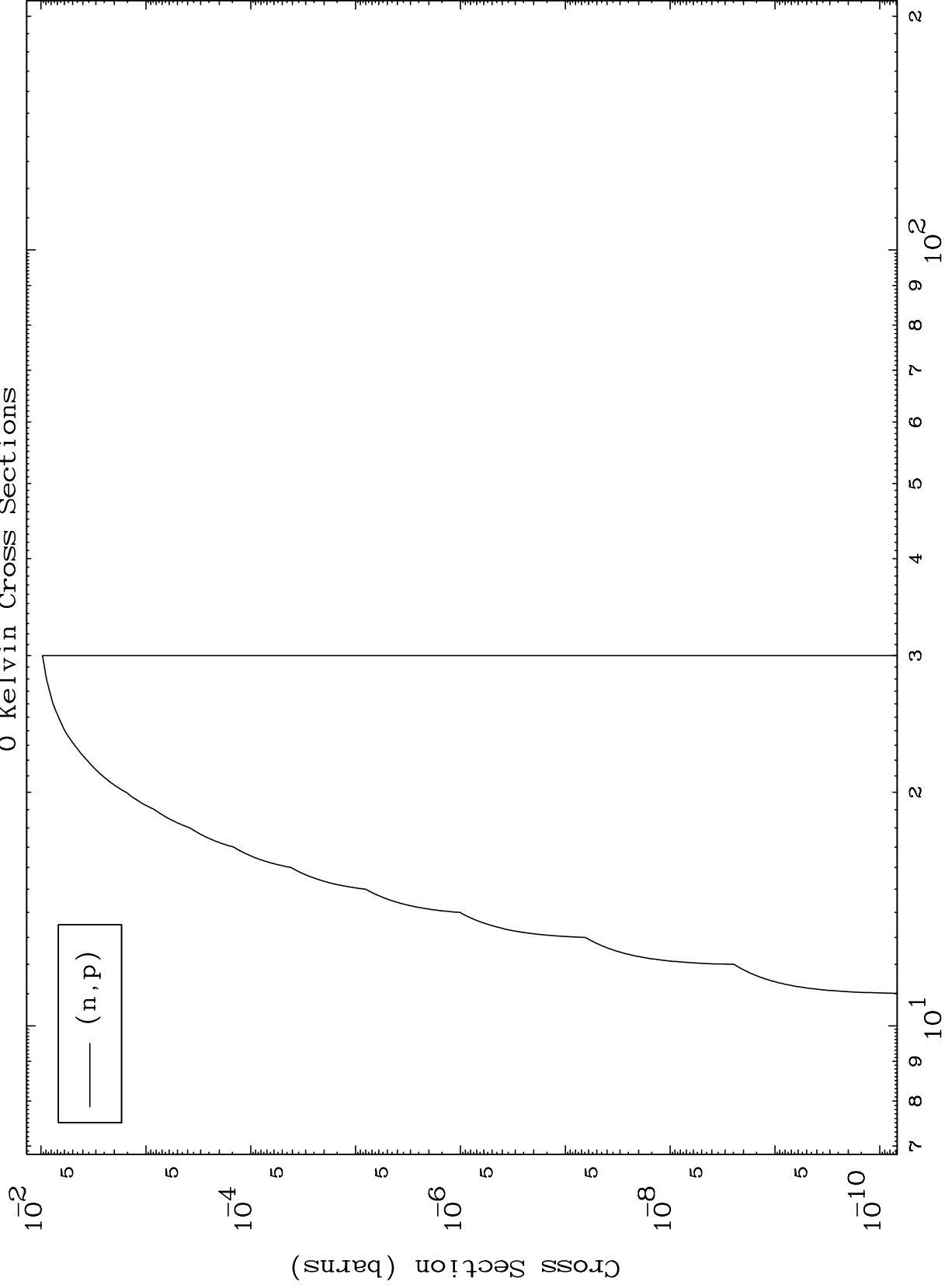


MAT 6316

(α, p) Levels

63-Eu-148

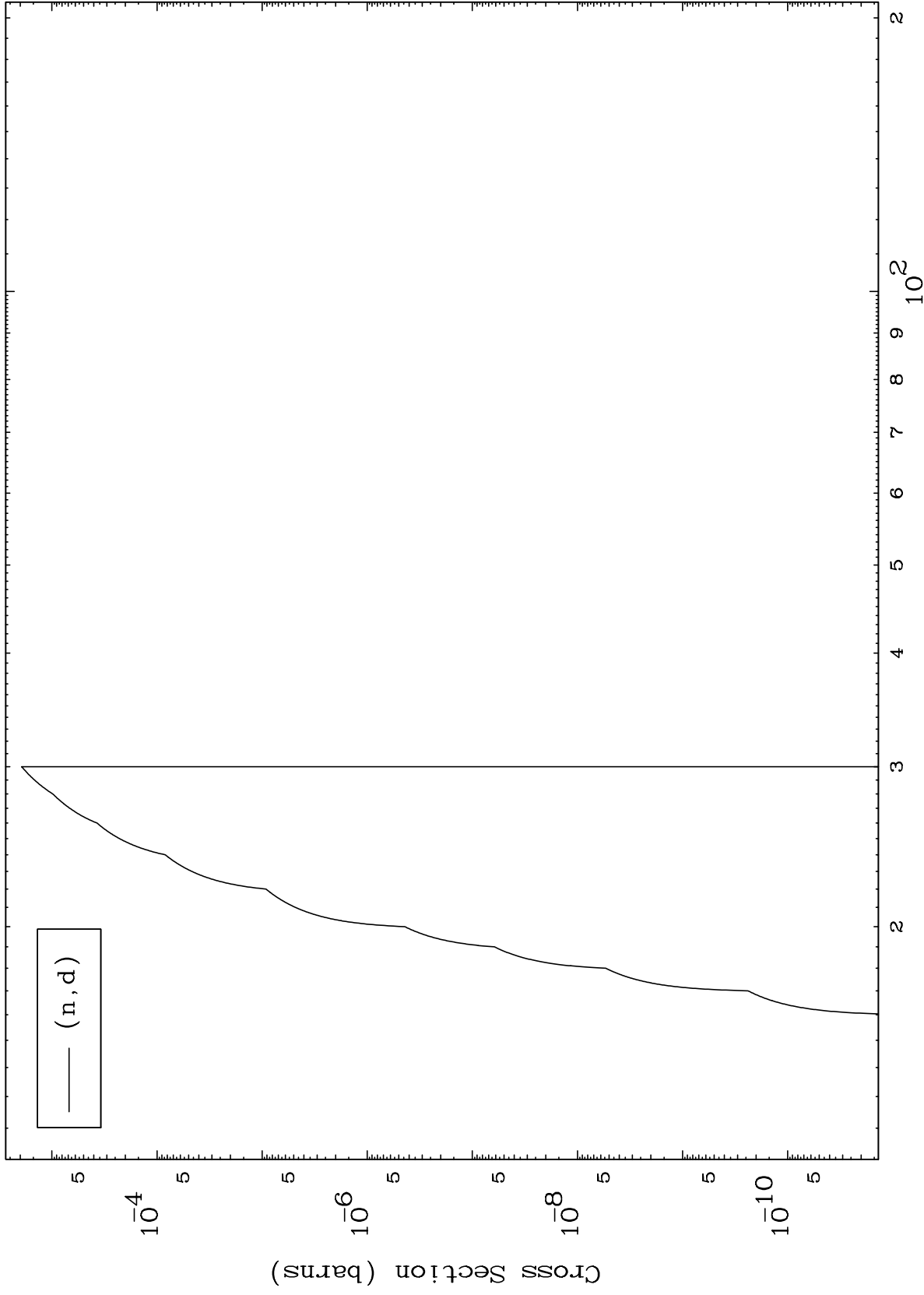
0 Kelvin Cross Sections

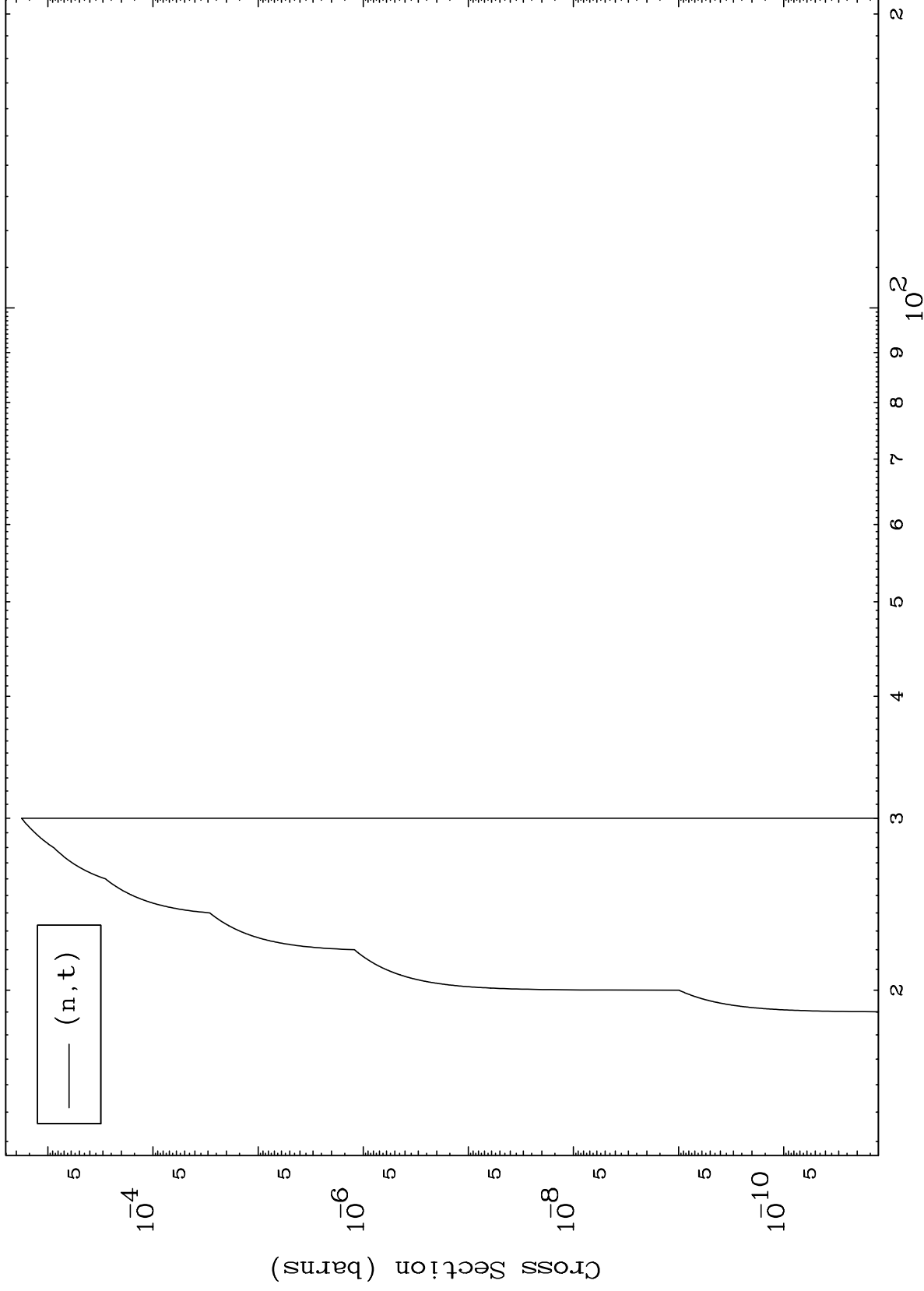


Incident Energy (MeV)

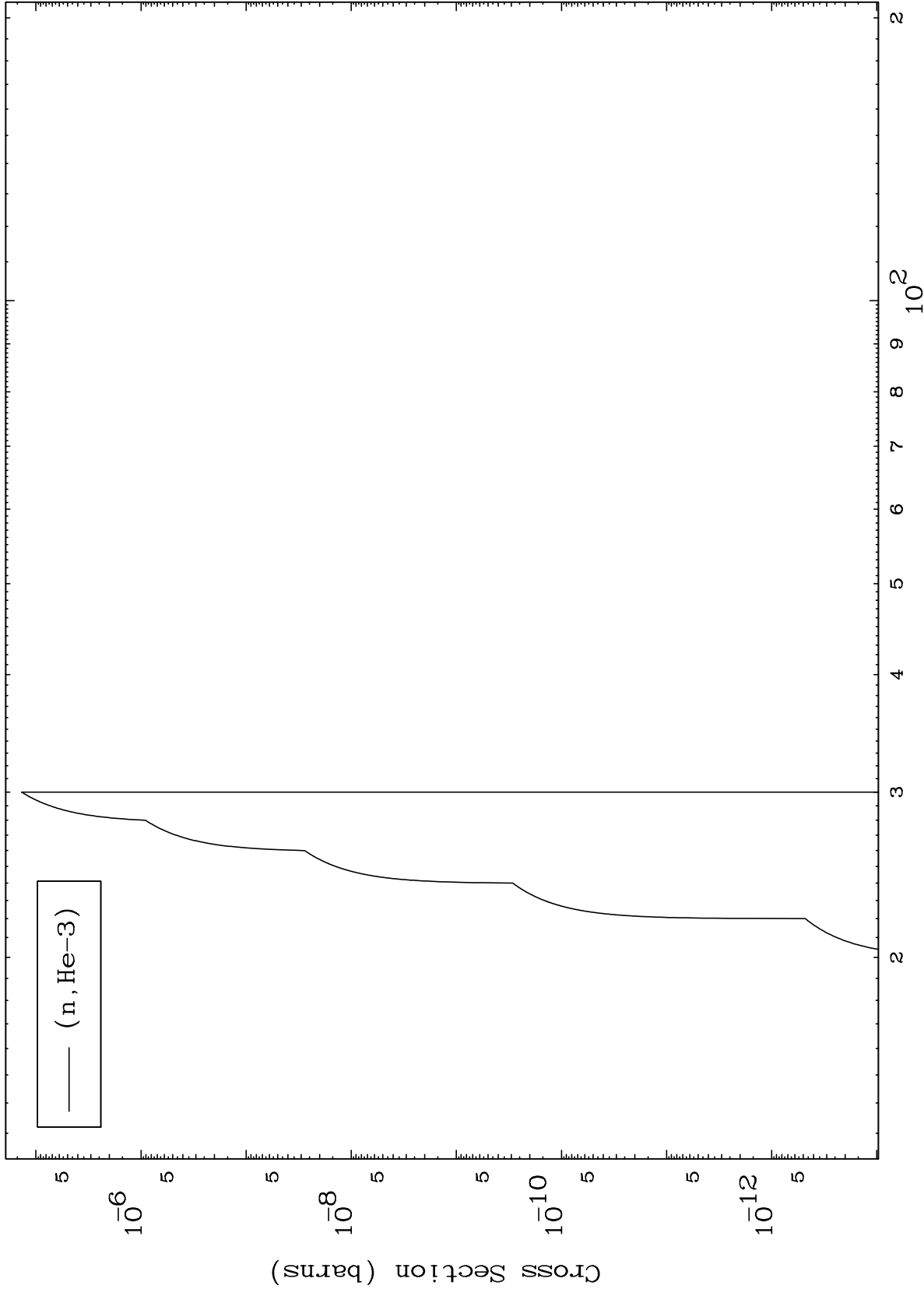
63-Eu-148

6





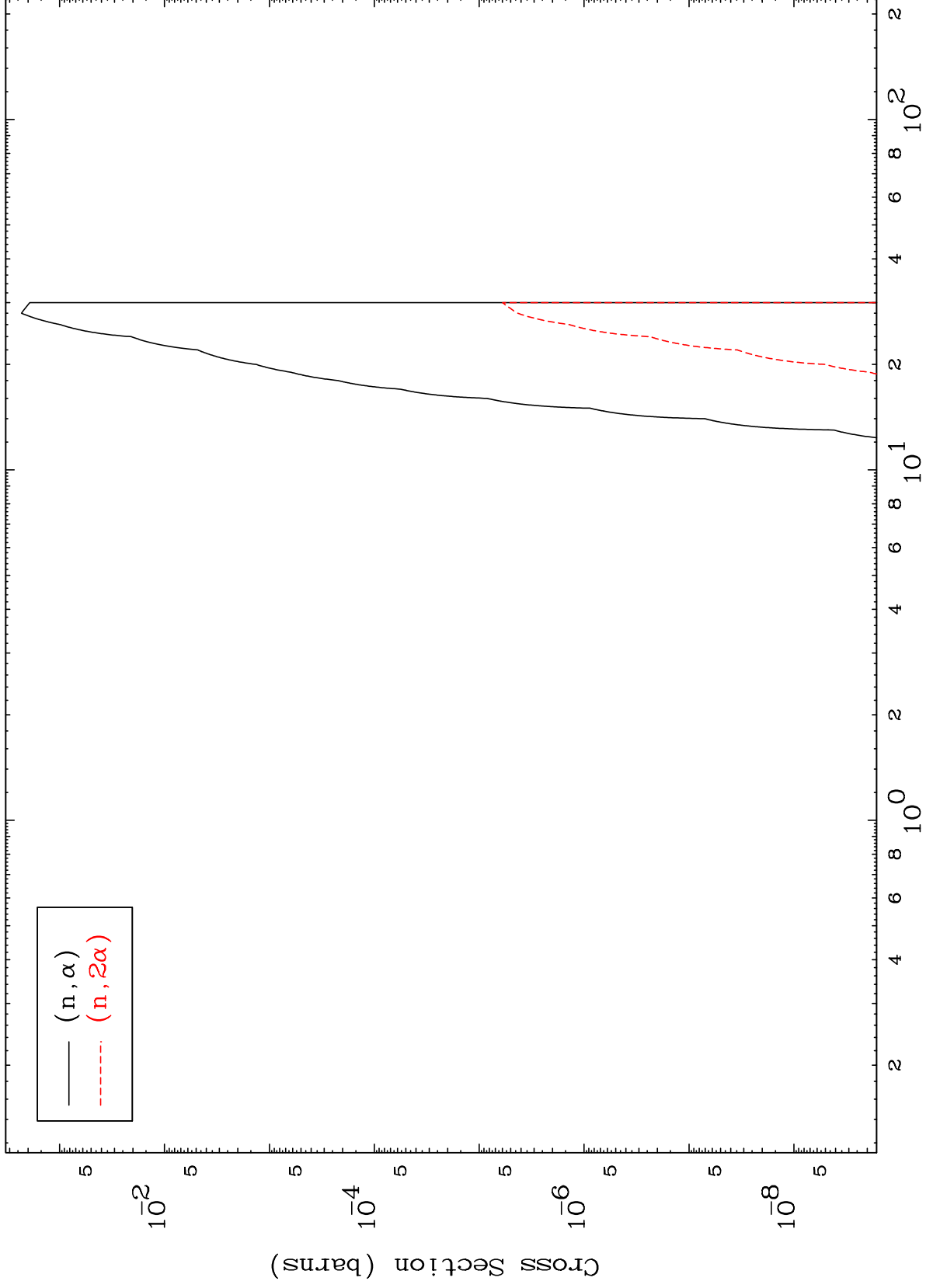
($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



MAT 6316

(α, α) Levels
0 Kelvin Cross Sections

63-Eu-148

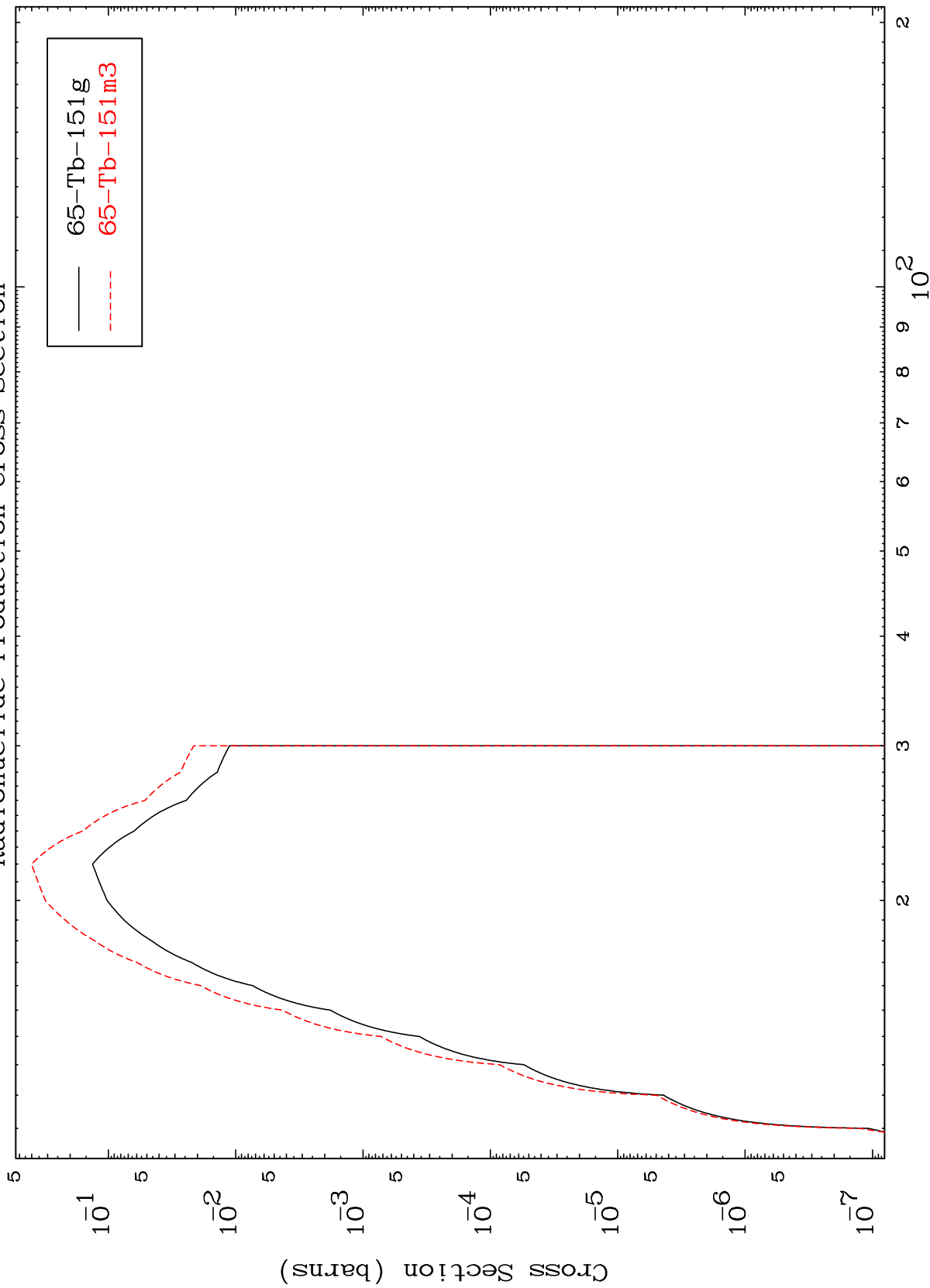


10

Incident Energy (MeV)

63-Eu-148

Inelastic
Radionuclide Production Cross Section

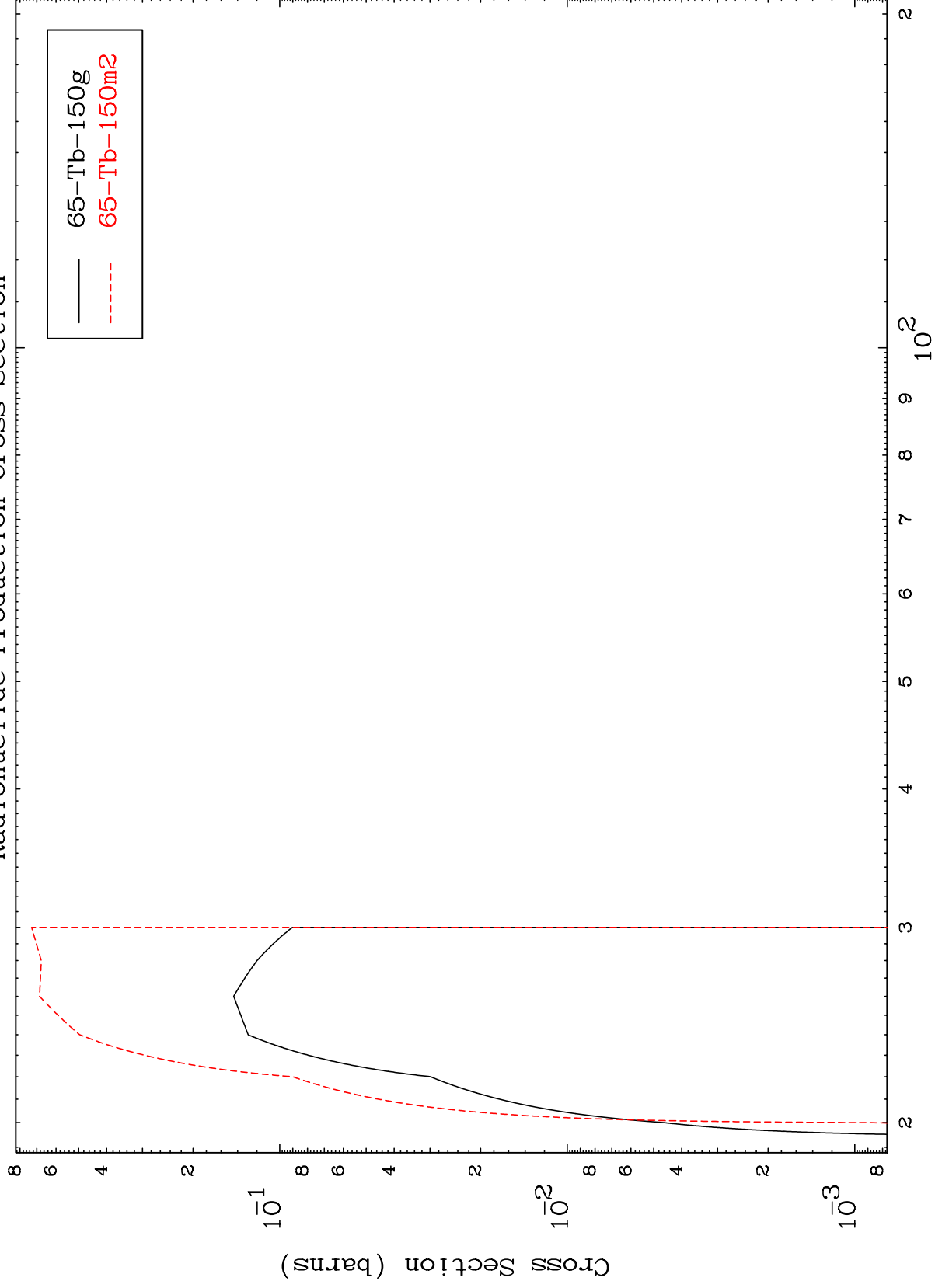


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(n,2n)

63-Eu-148

Radionuclide Production Cross Section



12

Incident Energy (MeV)

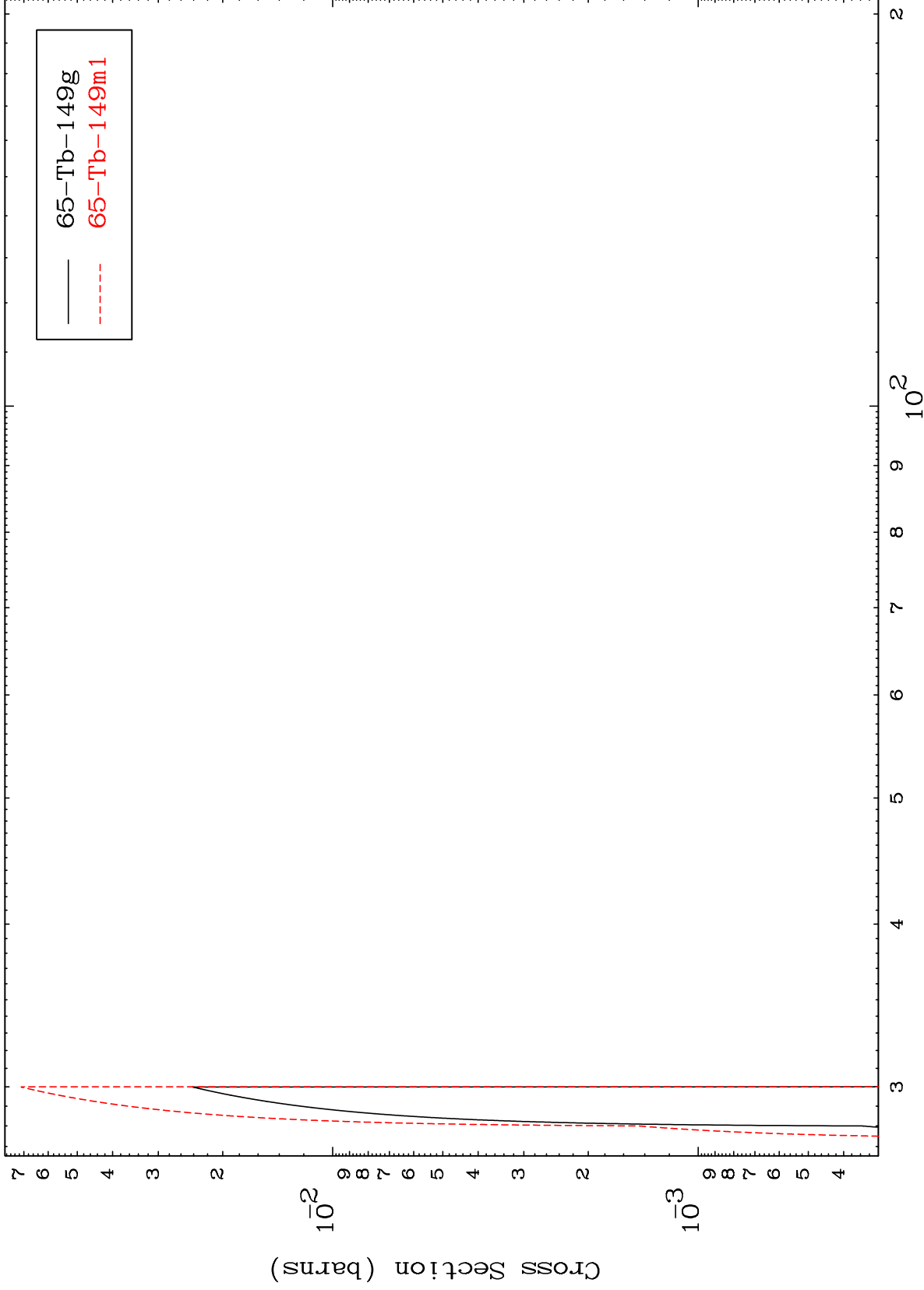
63-Eu-148

MAT 6316

(n,3n)

63-Eu-148

Radionuclide Production Cross Section



13

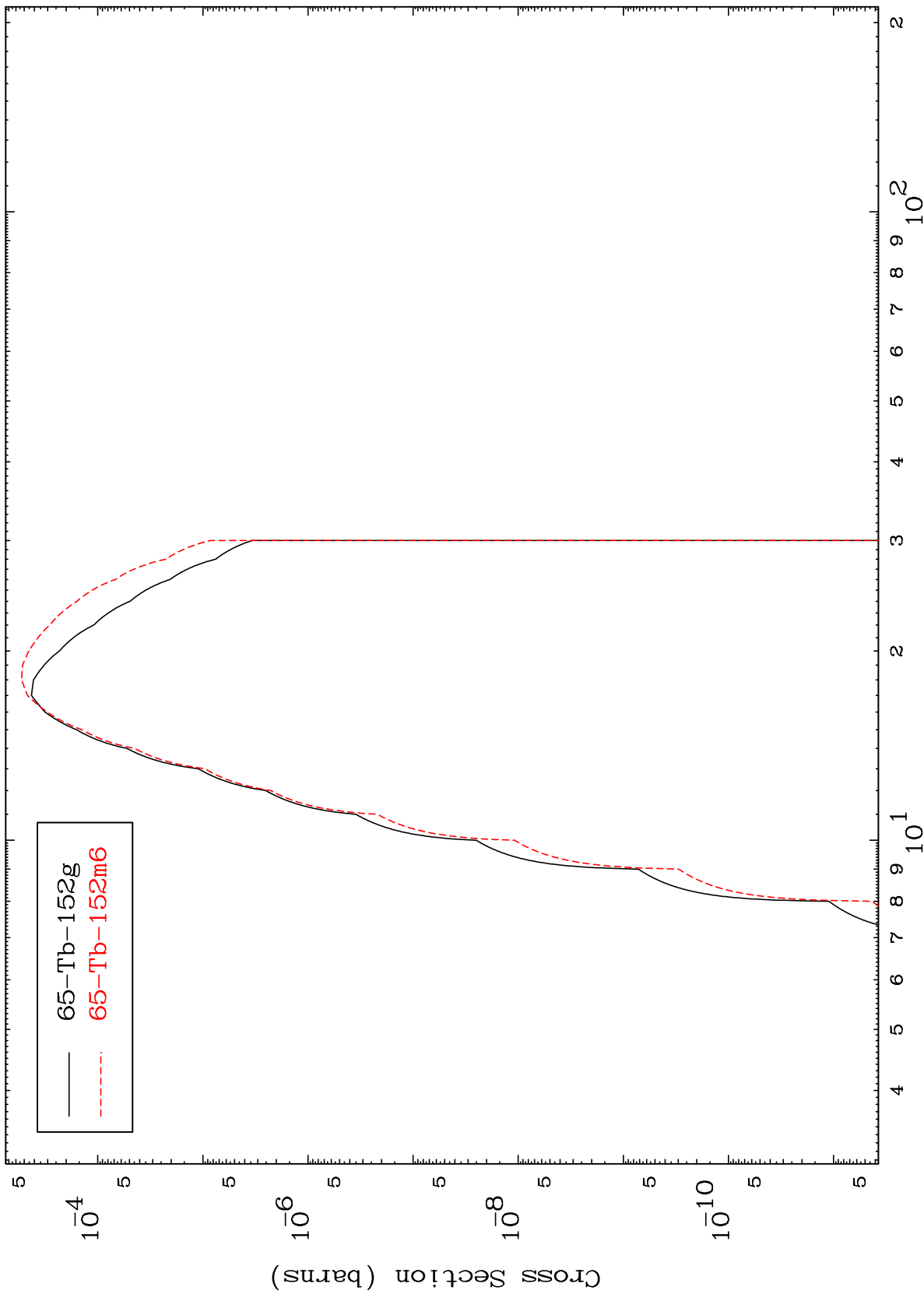
Incident Energy (MeV)

63-Eu-148

MAT 6316

63-Eu-148

Radionuclide Production Cross Section
(n, γ)



14

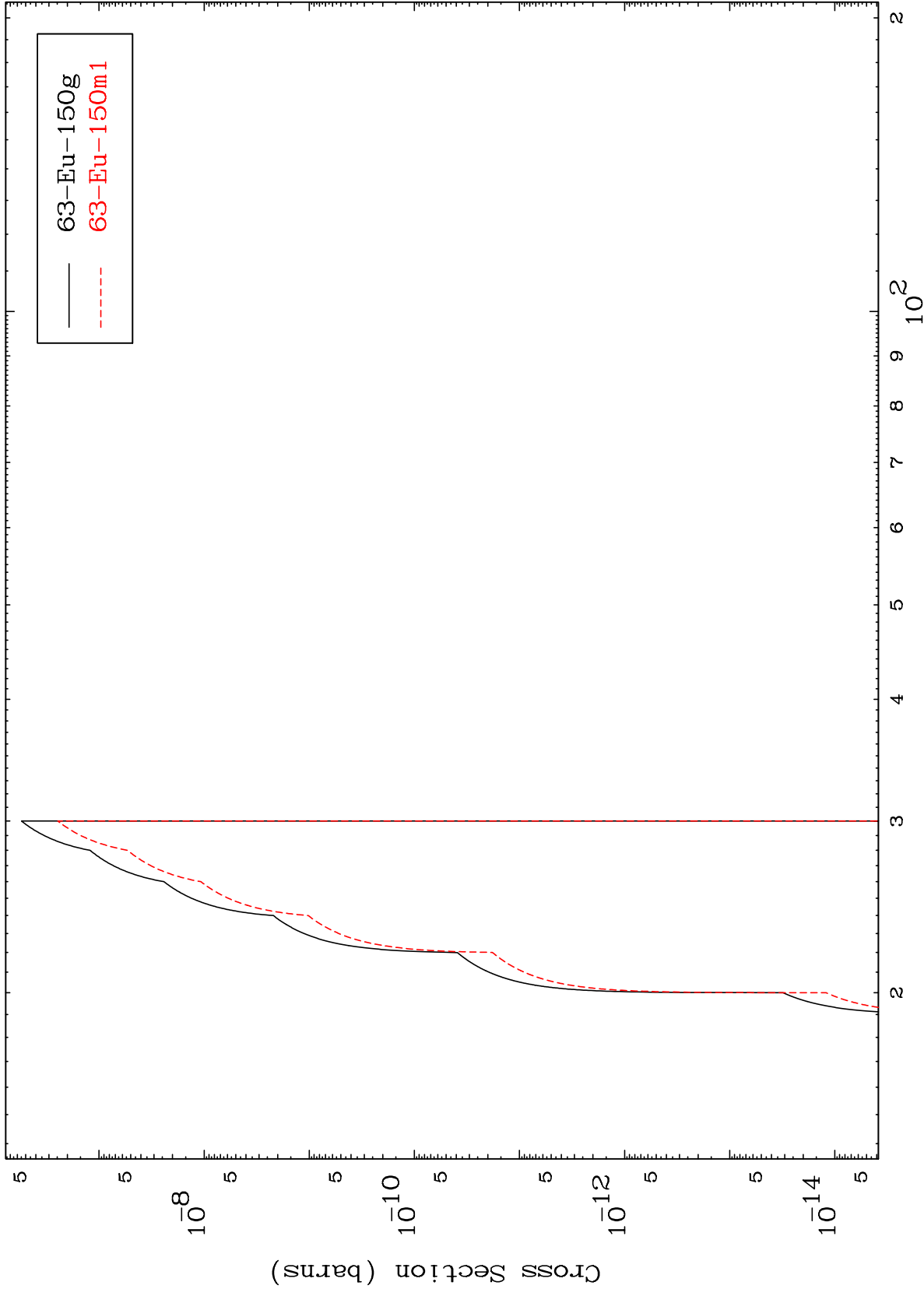
Incident Energy (MeV)

63-Eu-148

MAT 6316

63-Eu-148

(n,2p)
Radionuclide Production Cross Section



15

63-Eu-148

Incident Energy (MeV)