

Program EVALPLOT
(Version 2021-1)

by

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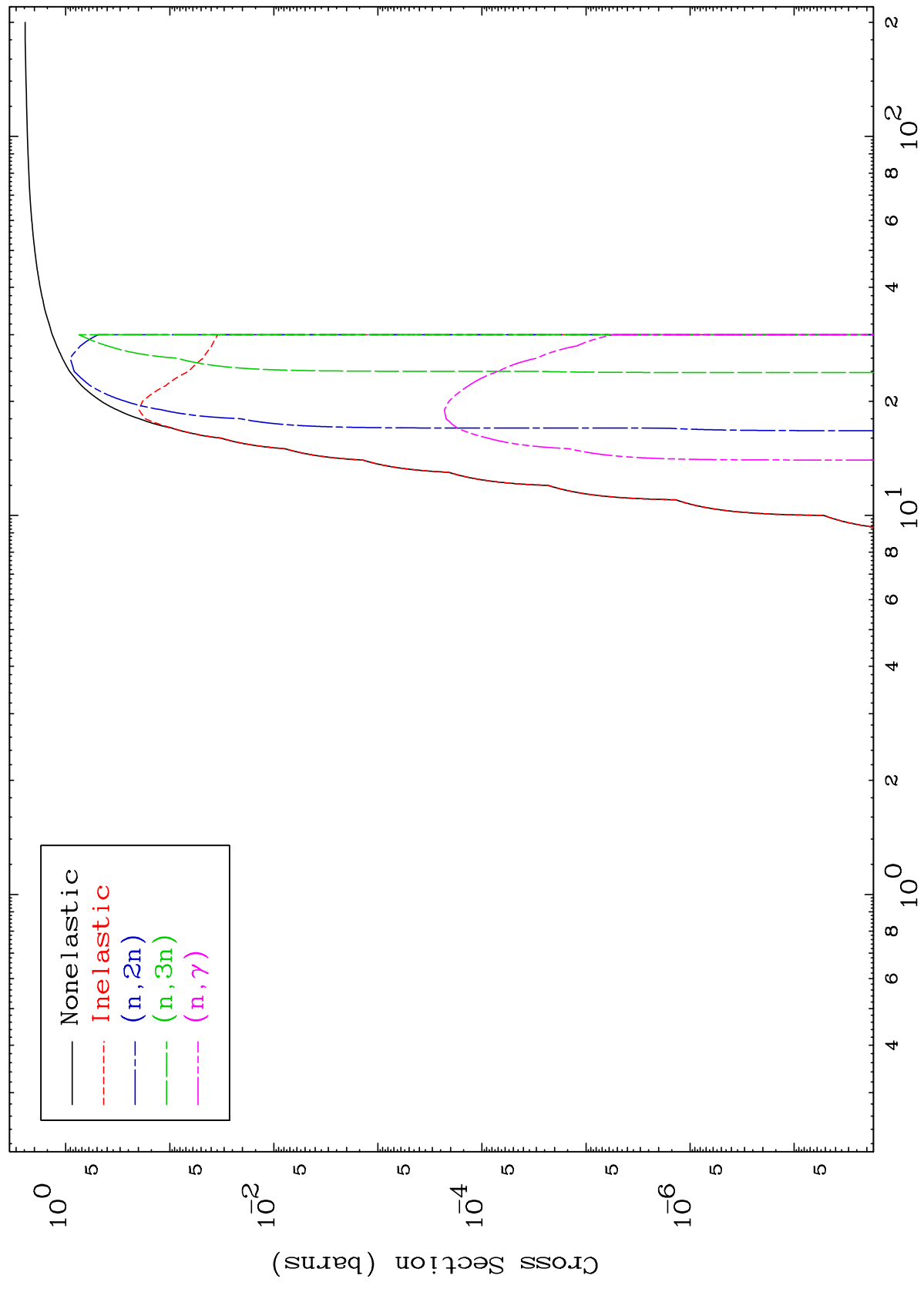
Press Mouse Button to Start

MAT 6330

0 Kelvin

Major Cross Sections

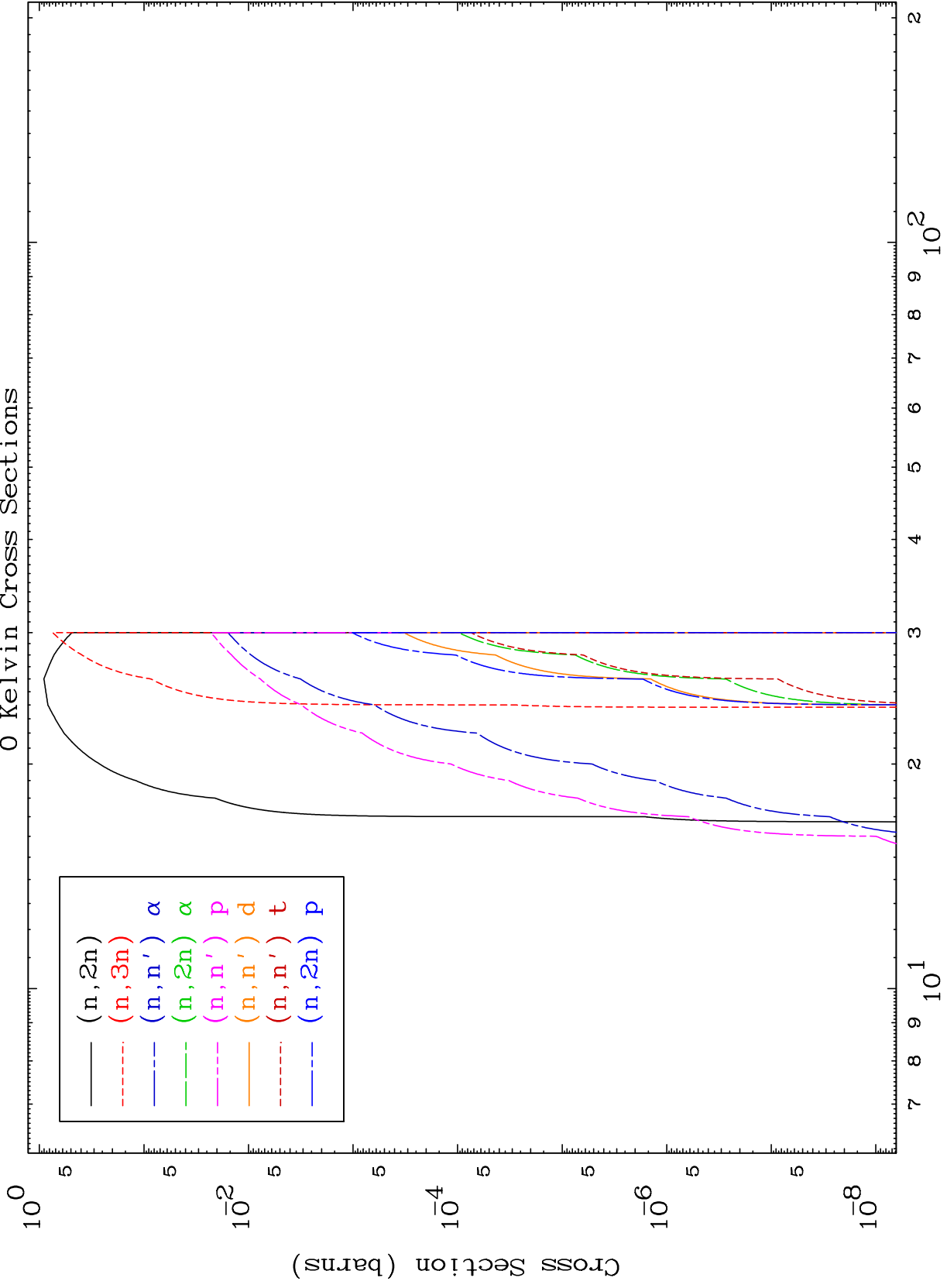
$^{63}\text{Eu}-152\text{n}$



MAT 6330

α Neutron Absorption
0 Kelvin Cross Sections

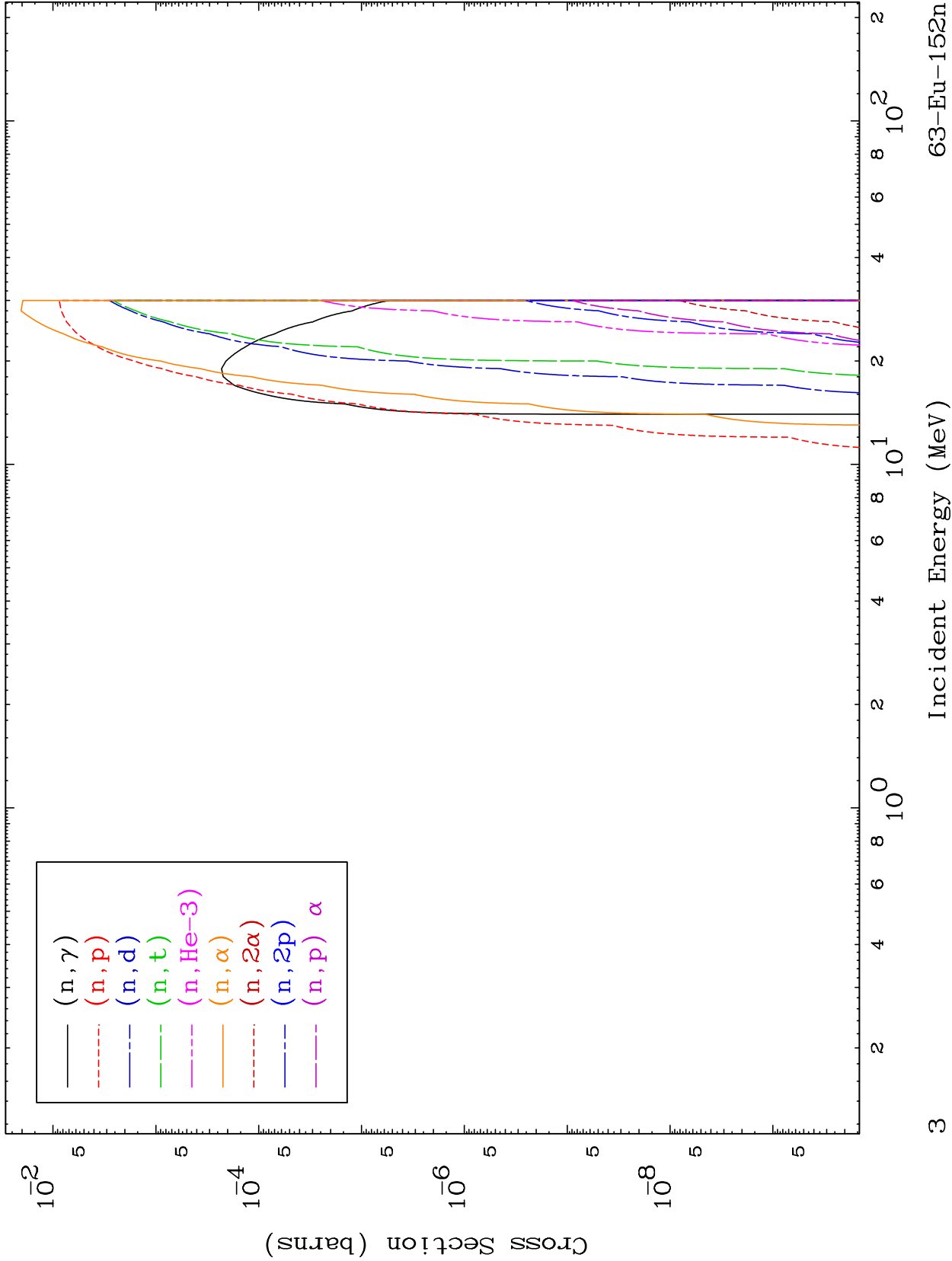
63-Eu-152n



MAT 6330

α Neutron Absorption
0 Kelvin Cross Sections

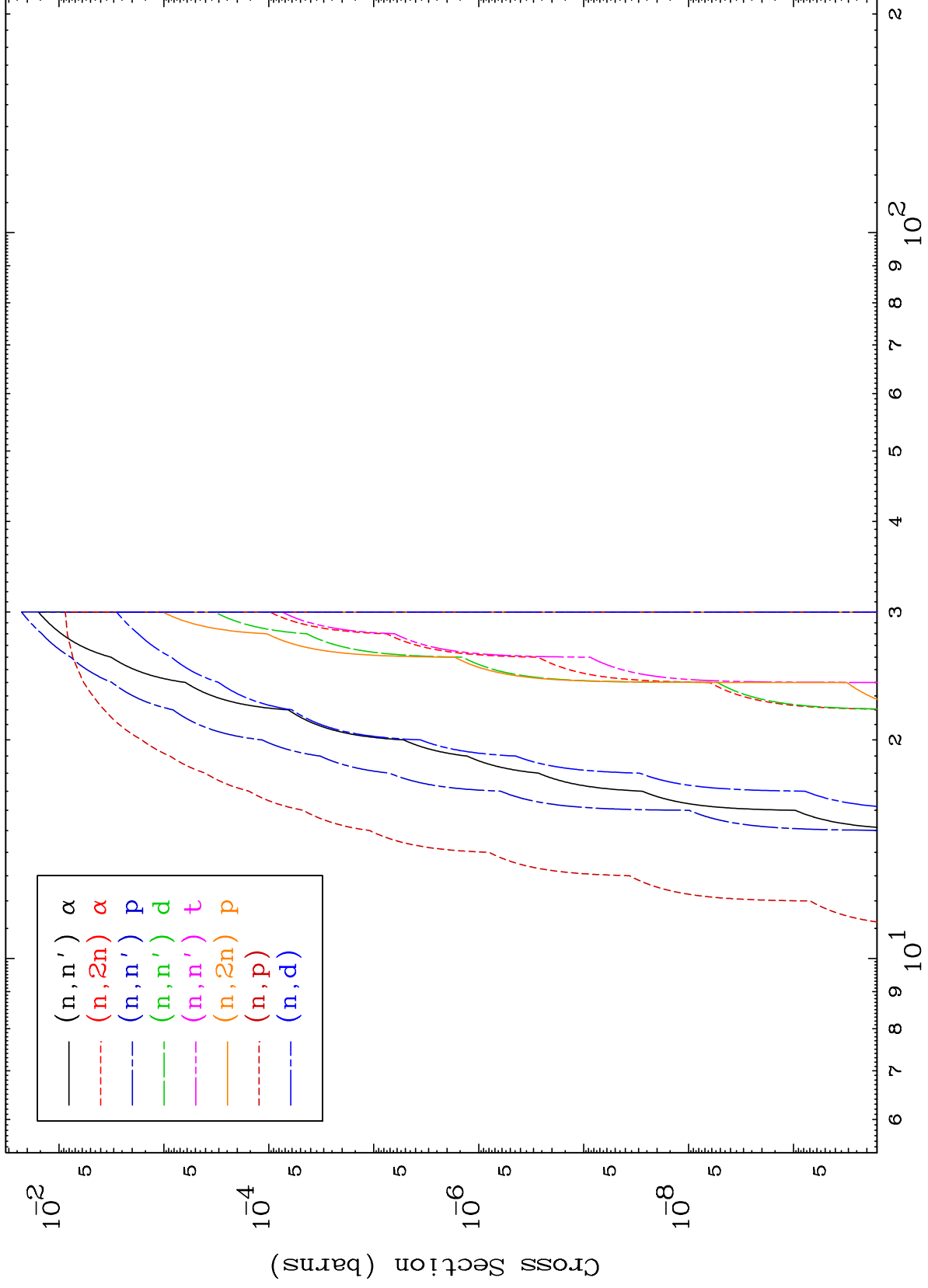
63-Eu-152n



MAT 6330

α Charged Particle
0 Kelvin Cross Sections

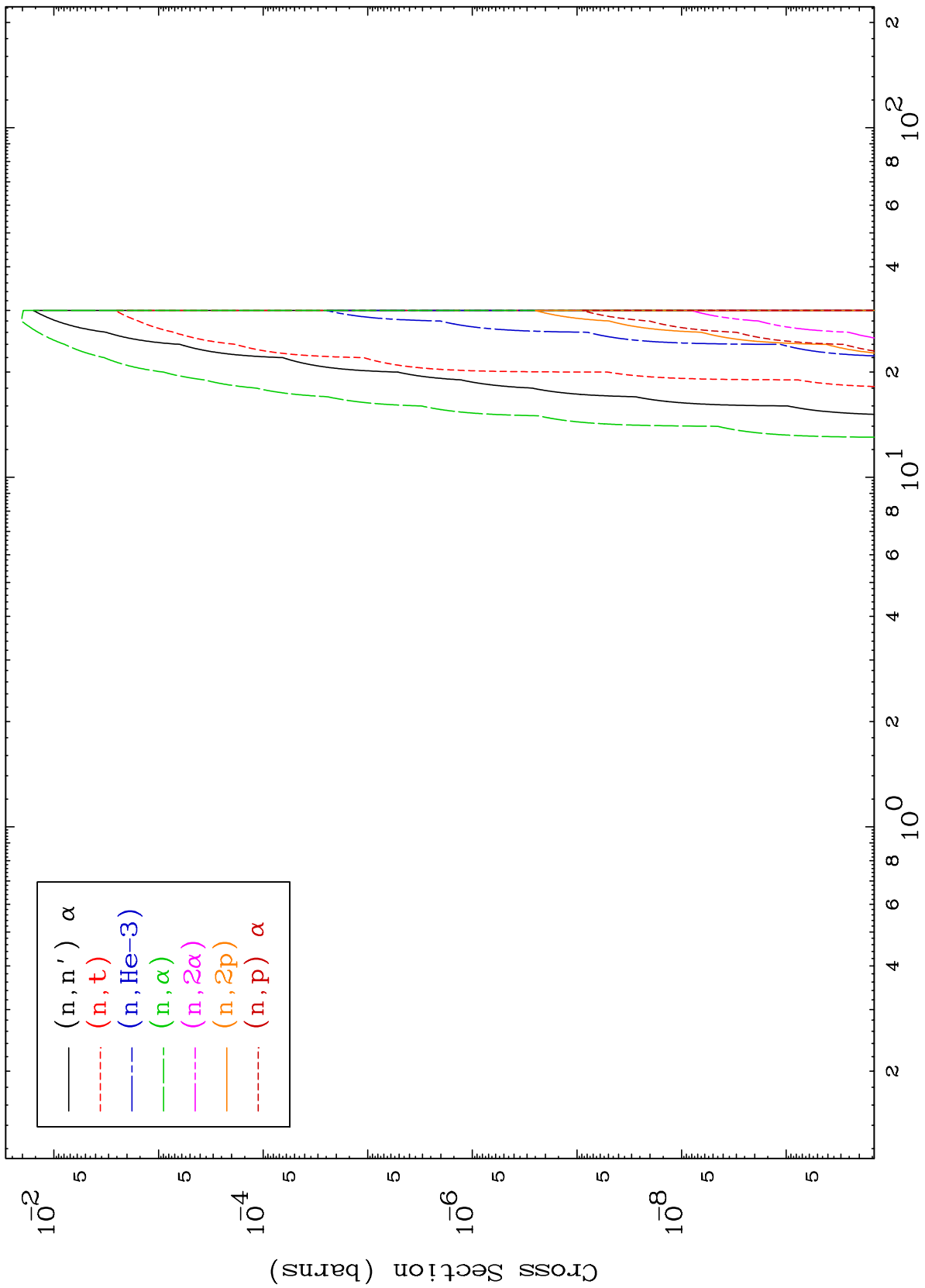
63-Eu-152n



MAT 6330

α Charged Particle
0 Kelvin Cross Sections

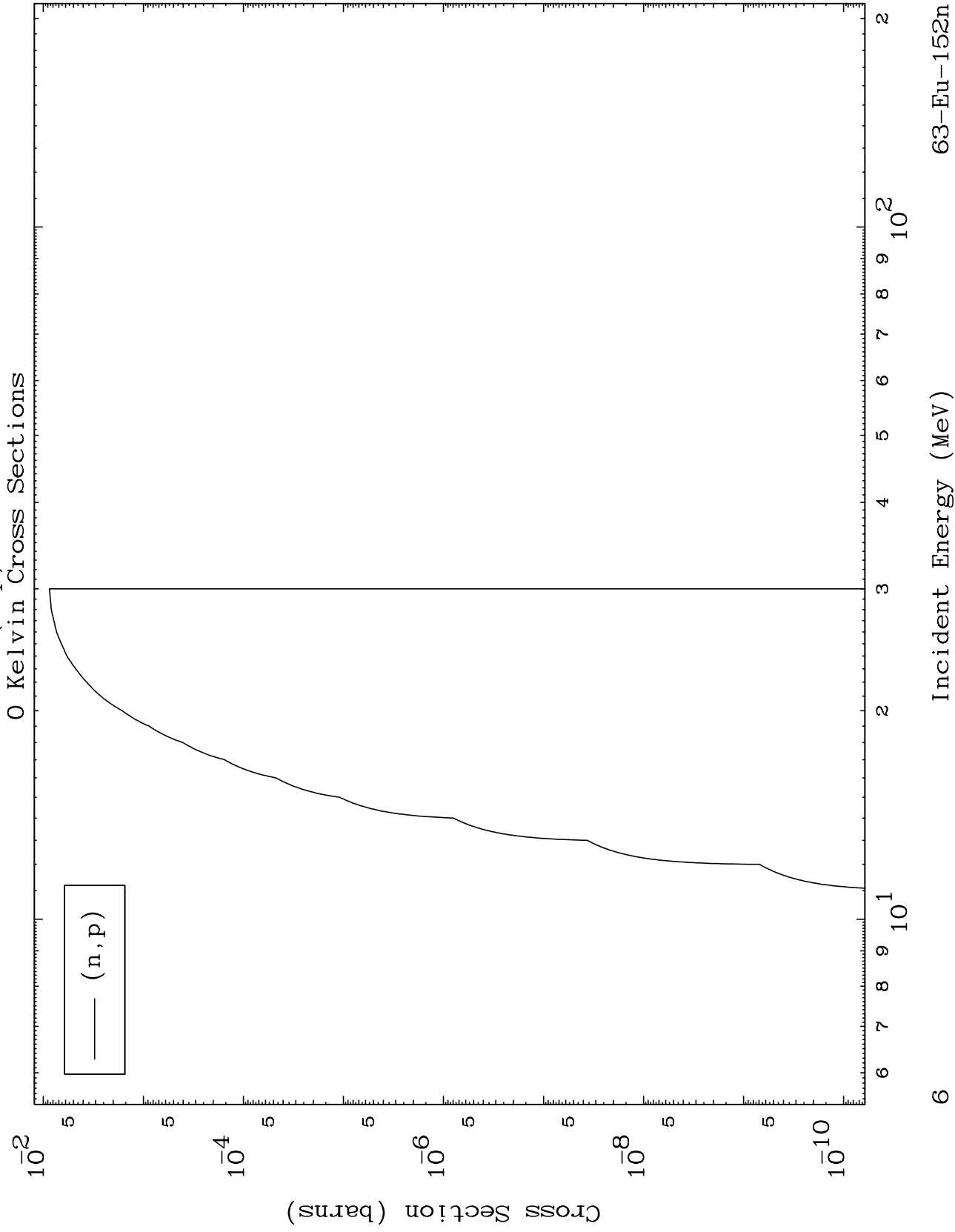
63-Eu-152n



MAT 6330

(α, p) Levels

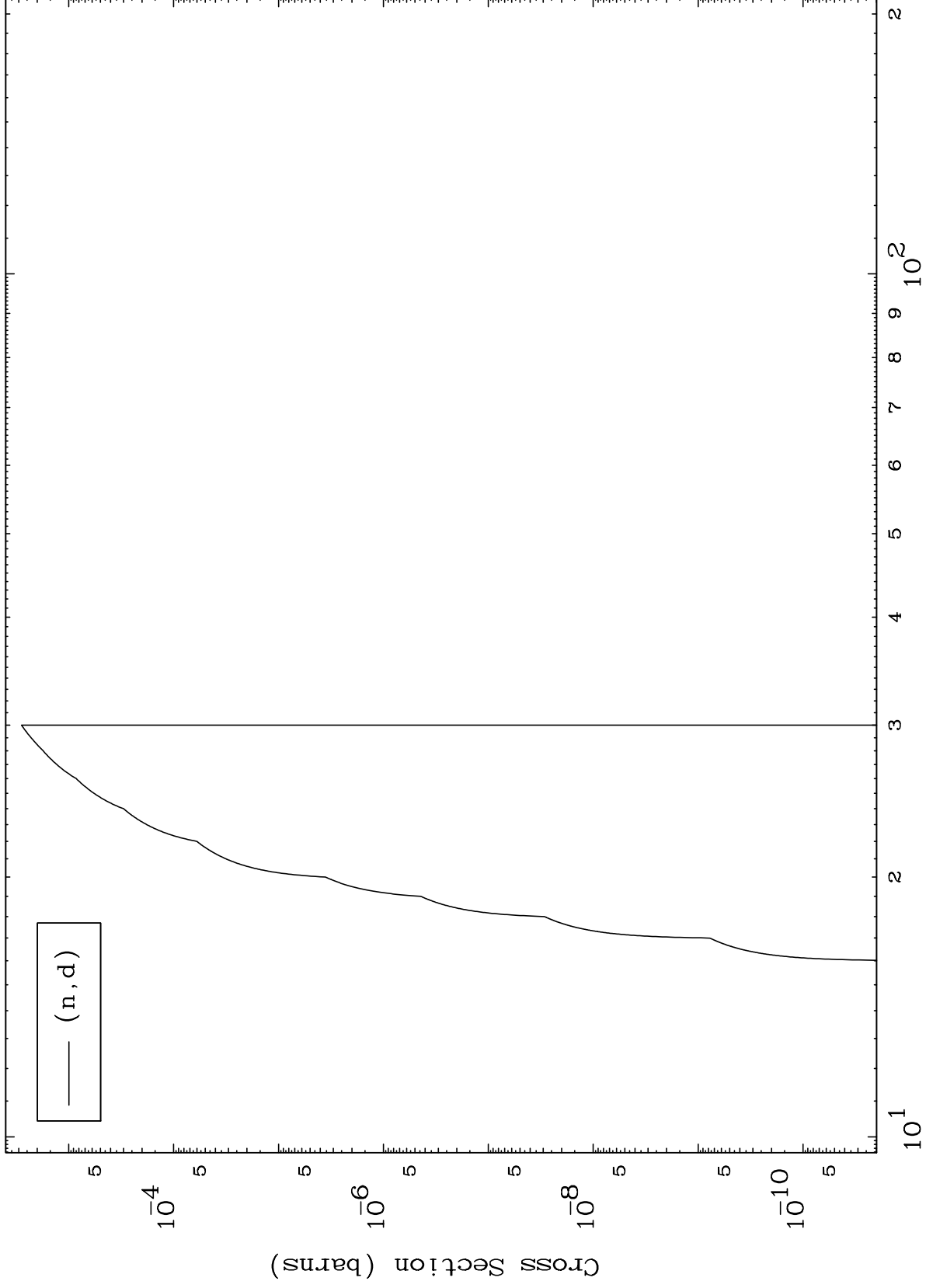
63-Eu-152n



MAT 6330

(α, d) Levels
0 Kelvin Cross Sections

63-Eu-152n



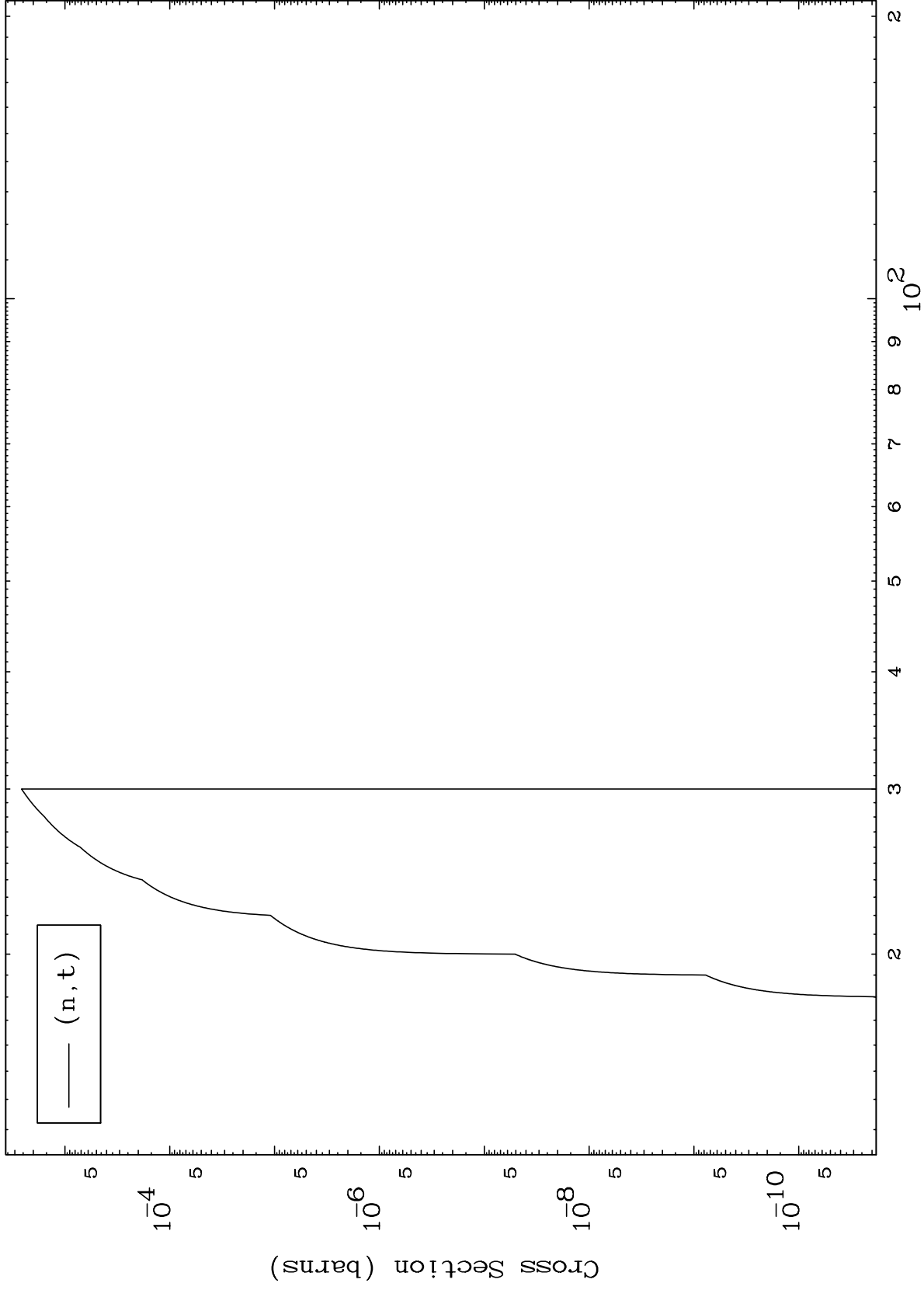
63-Eu-152n

Incident Energy (MeV)

MAT 6330

(α, t) Levels
0 Kelvin Cross Sections

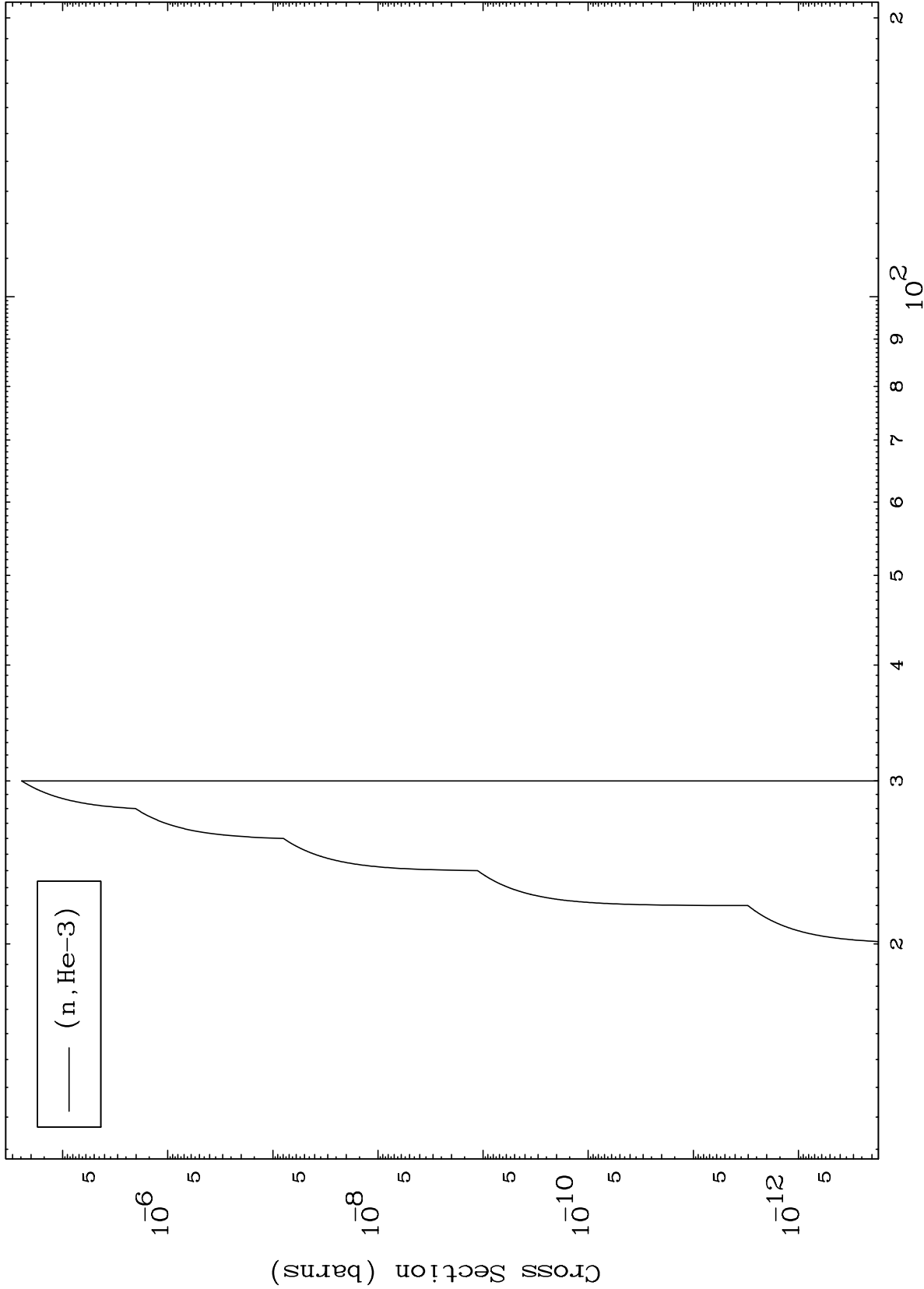
63-Eu-152n



MAT 6330

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

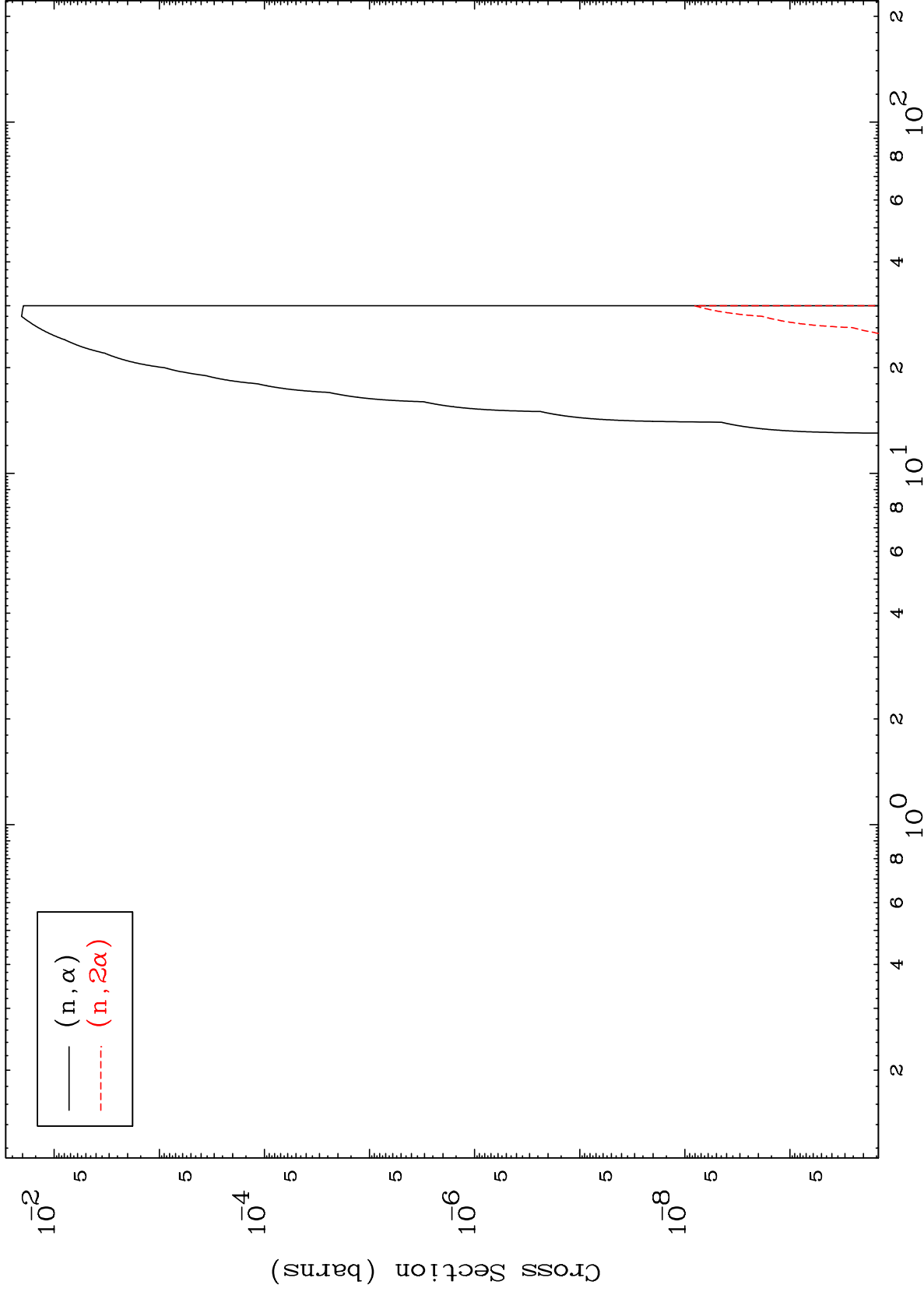
63-Eu-152n



MAT 6330

(α, α) Levels
0 Kelvin Cross Sections

63-Eu-152n



10

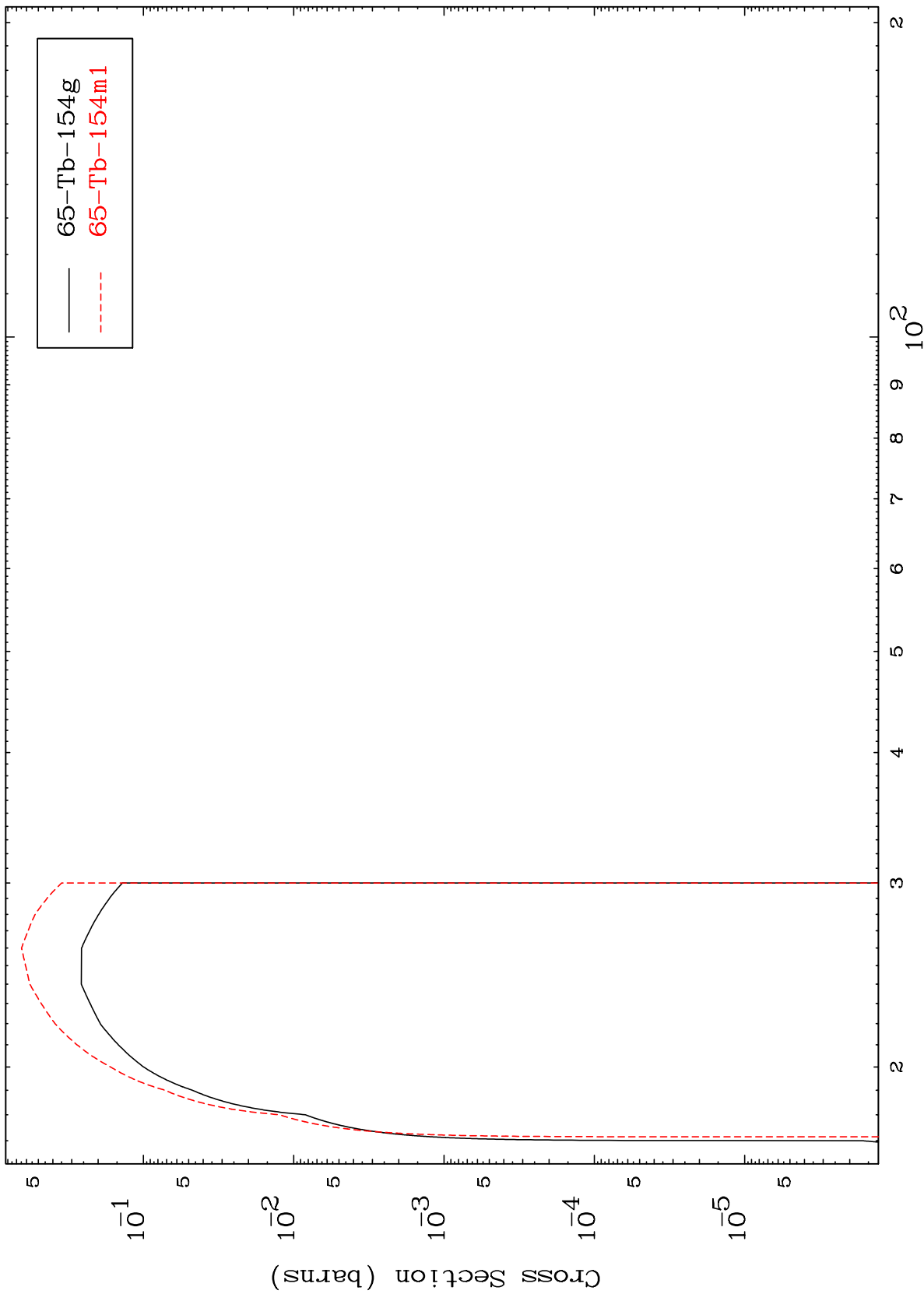
Incident Energy (MeV)

63-Eu-152n

MAT 6330

63-Eu-152n

(n,2n)
Radionuclide Production Cross Section

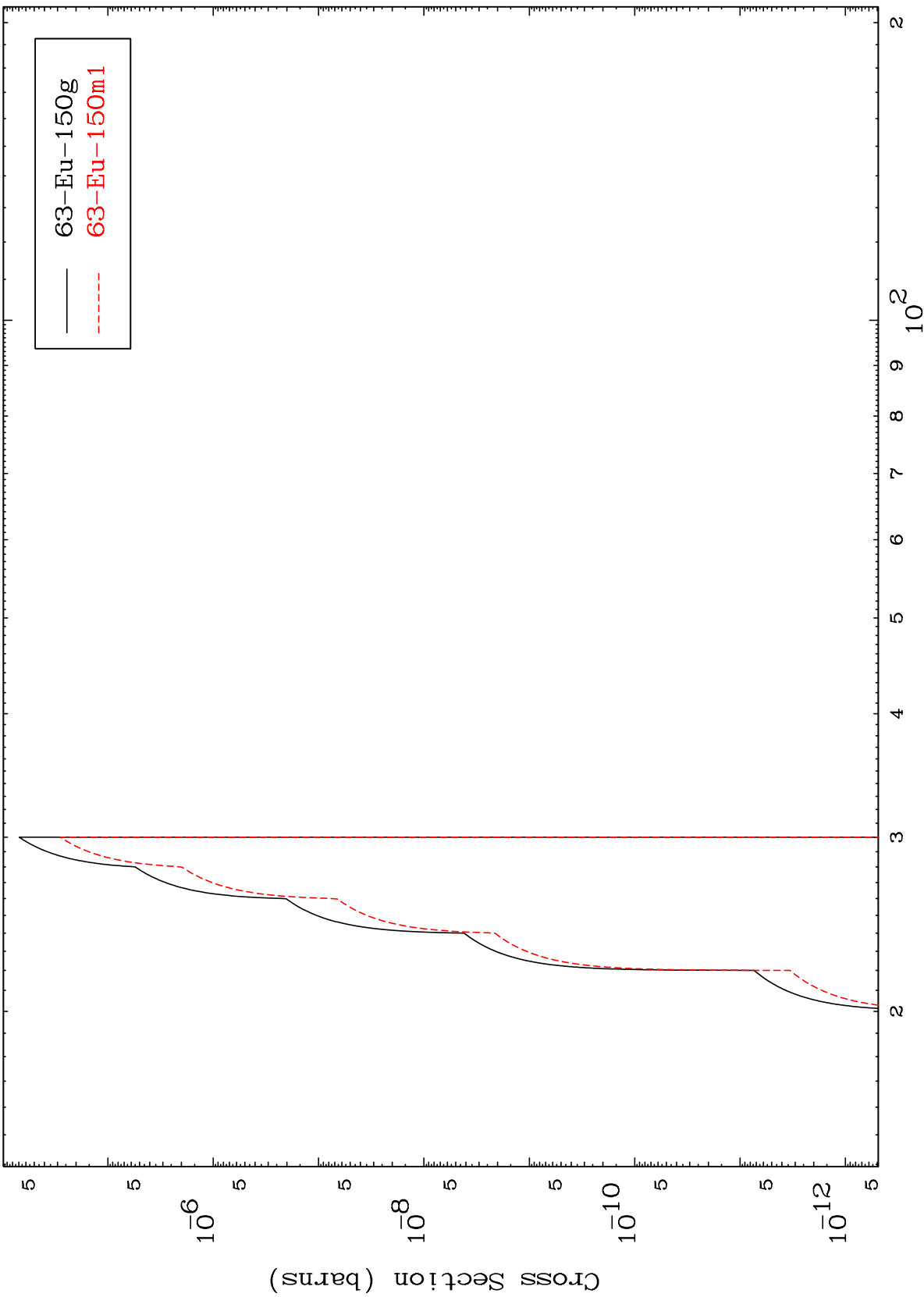


MAT 6330

$(n,2n) \alpha$

63-Eu-152n

Radionuclide Production Cross Section



12

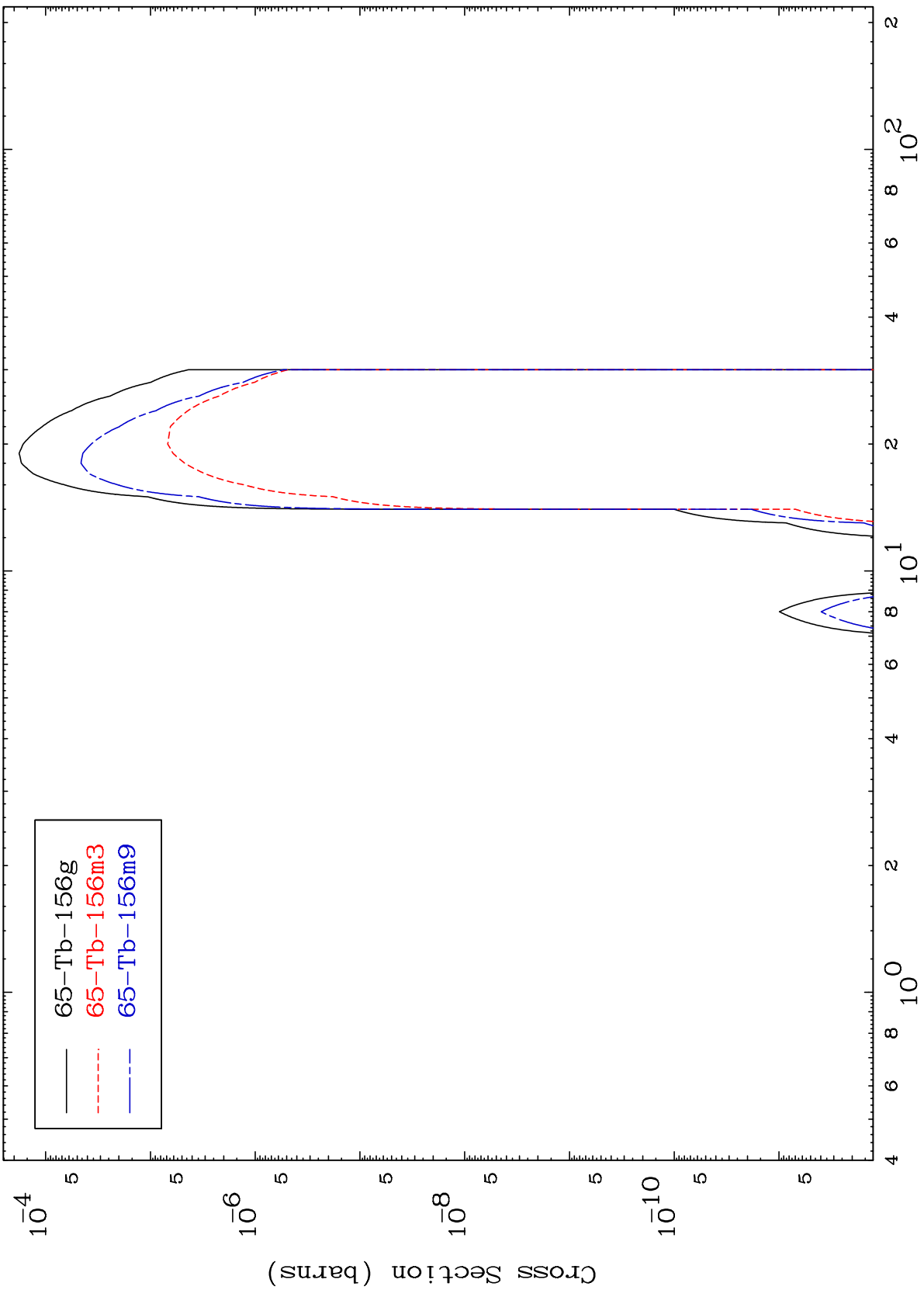
Incident Energy (MeV)

63-Eu-152n

MAT 6330

63-Eu-152n

(n, γ)
Radionuclide Production Cross Section



Incident Energy (MeV)

63-Eu-152n

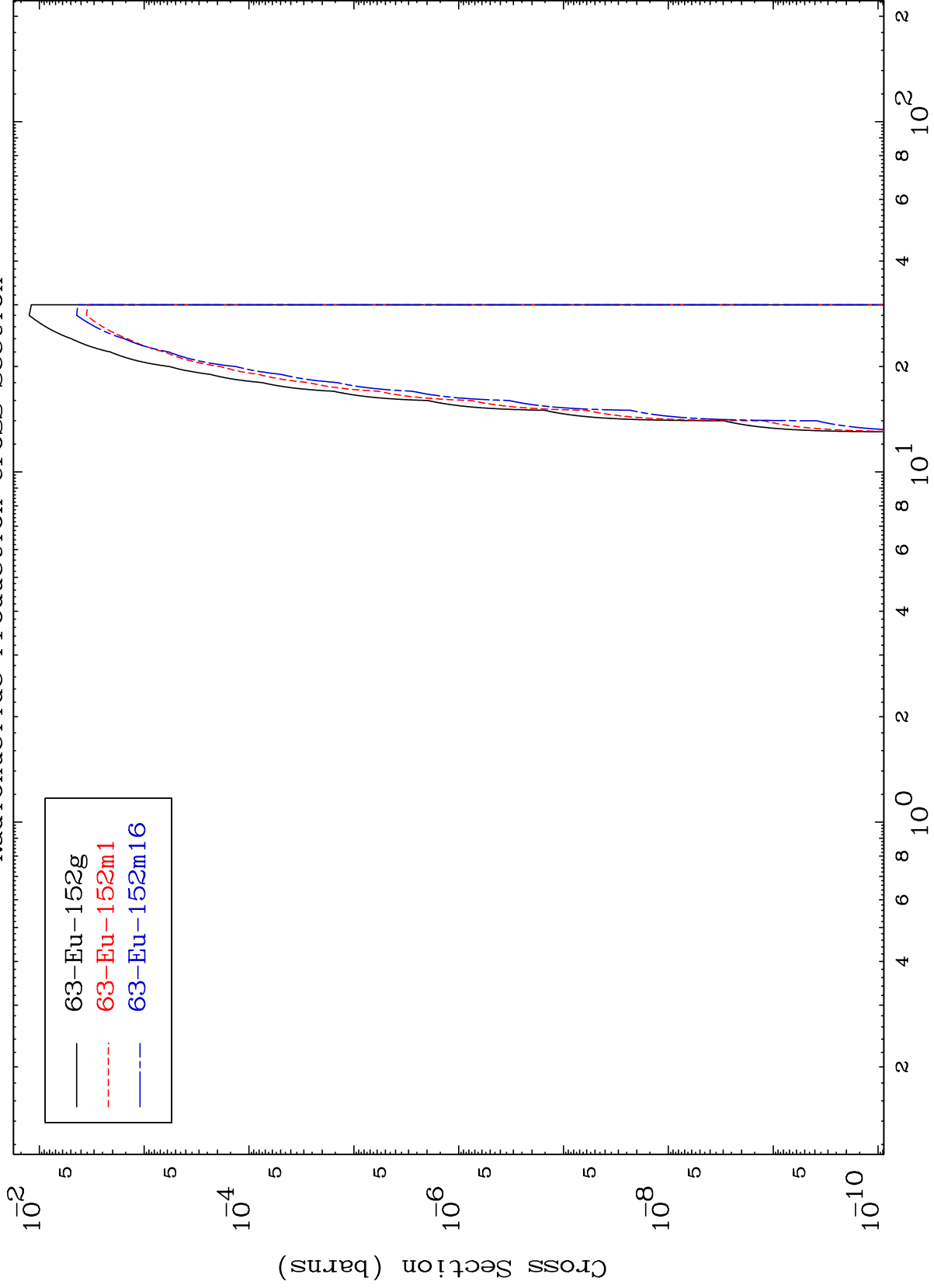
13

MAT 6330

(n, α)

63-Eu-152n

Radionuclide Production Cross Section



14

Incident Energy (MeV)

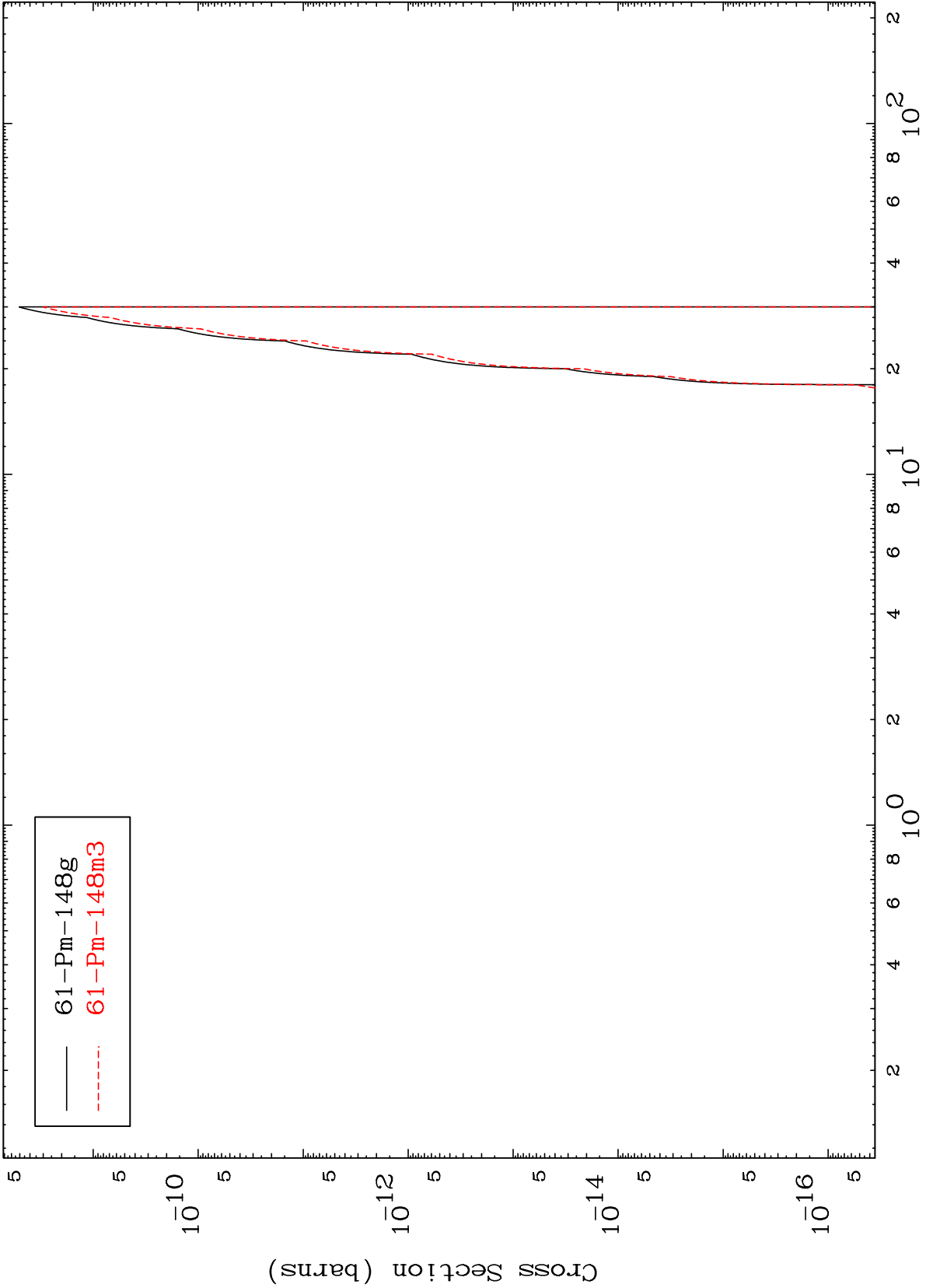
63-Eu-152n

MAT 6330

(n,2α)

63-Eu-152n

Radionuclide Production Cross Section



61-Pm-148g
61-Pm-148m3

15

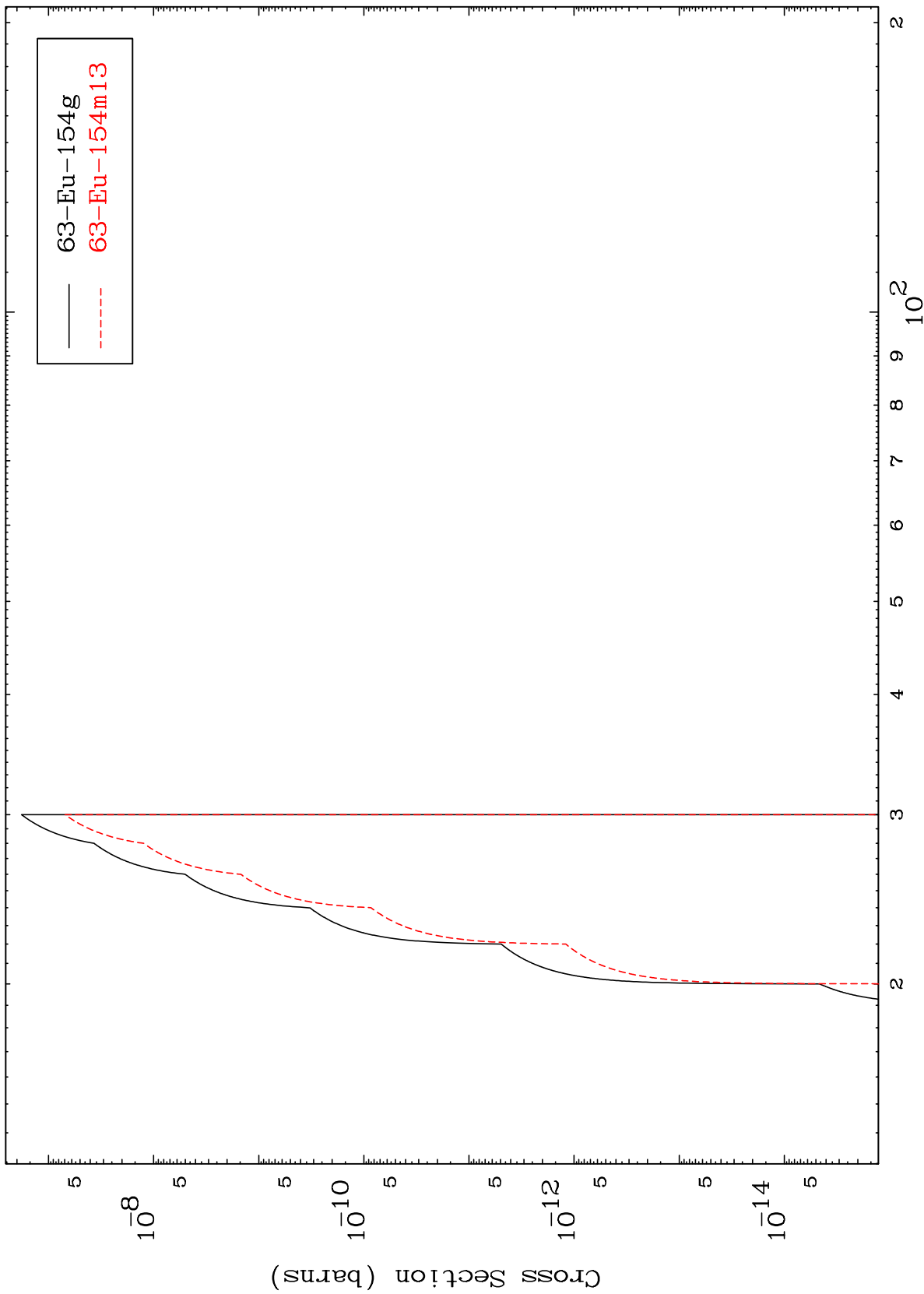
Incident Energy (MeV)

63-Eu-152n

MAT 6330

63-Eu-152n

(n,2p)
Radionuclide Production Cross Section



16

63-Eu-152n

Incident Energy (MeV)