

Program EVALPLOT
(Version 2021-1)

by

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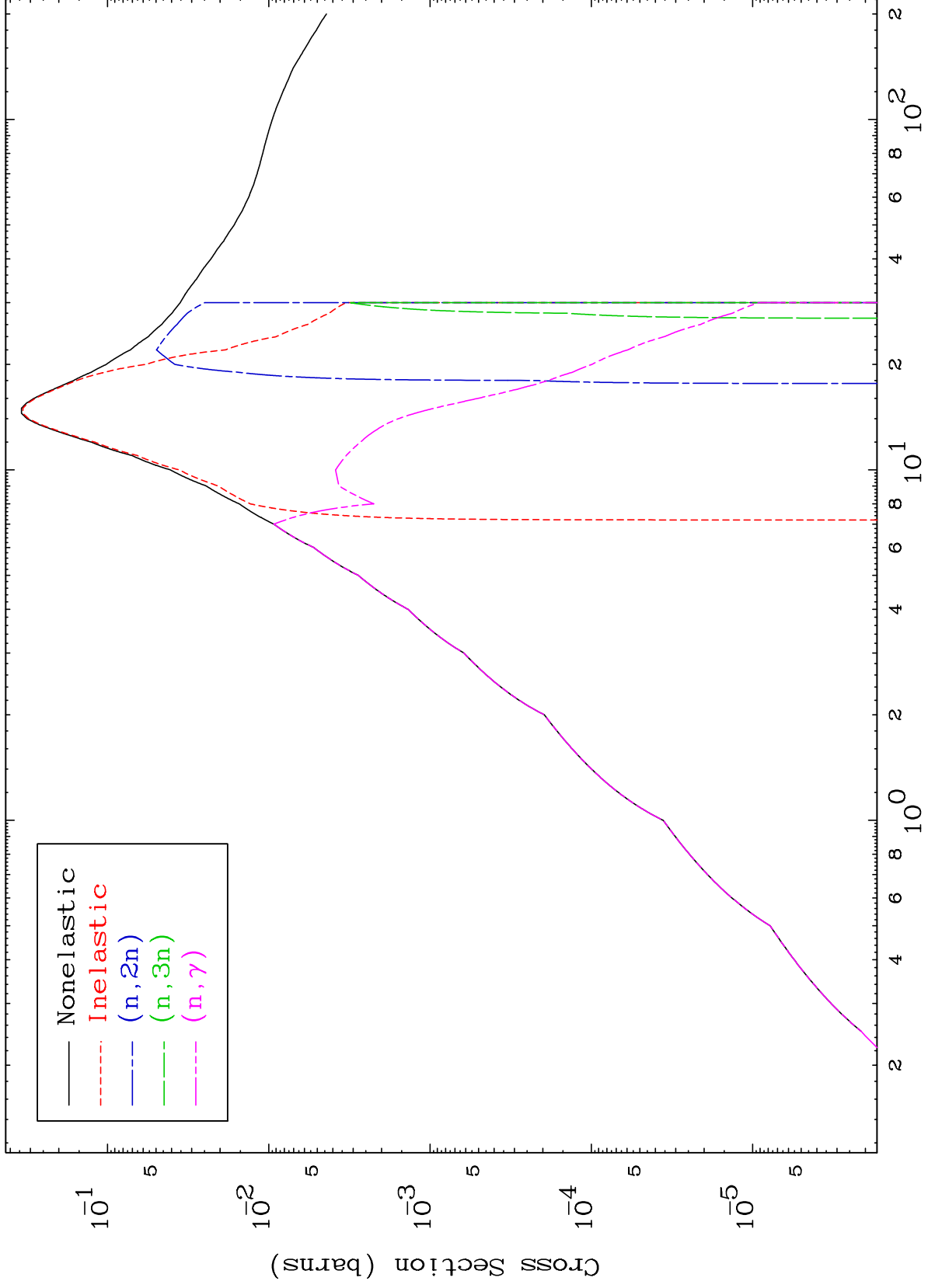
Web:redcullen1.net/HOMEPAGE.NEW

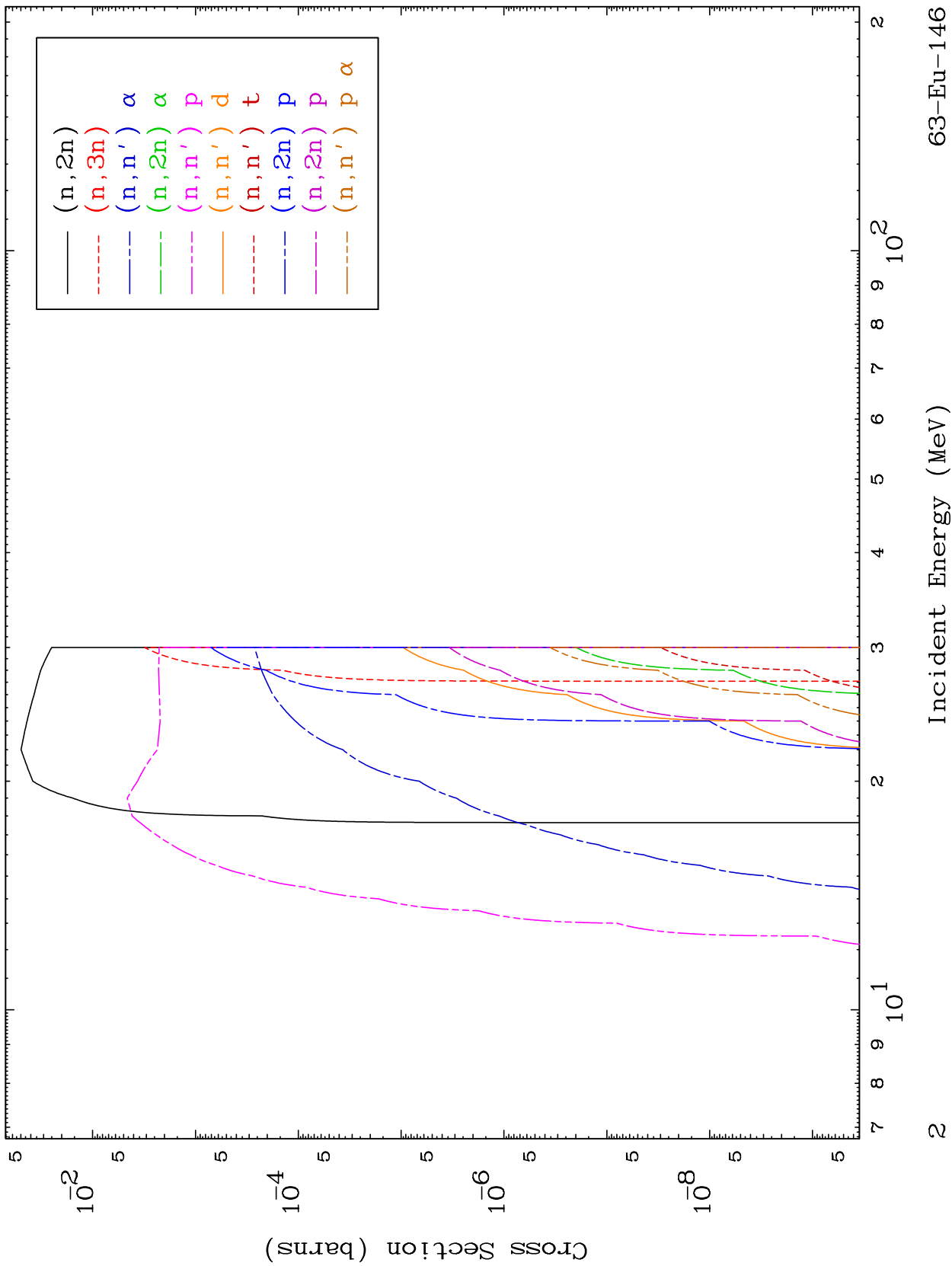
Press Mouse Button to Start

MAT 6310

0 Kelvin Major

63-Eu-146

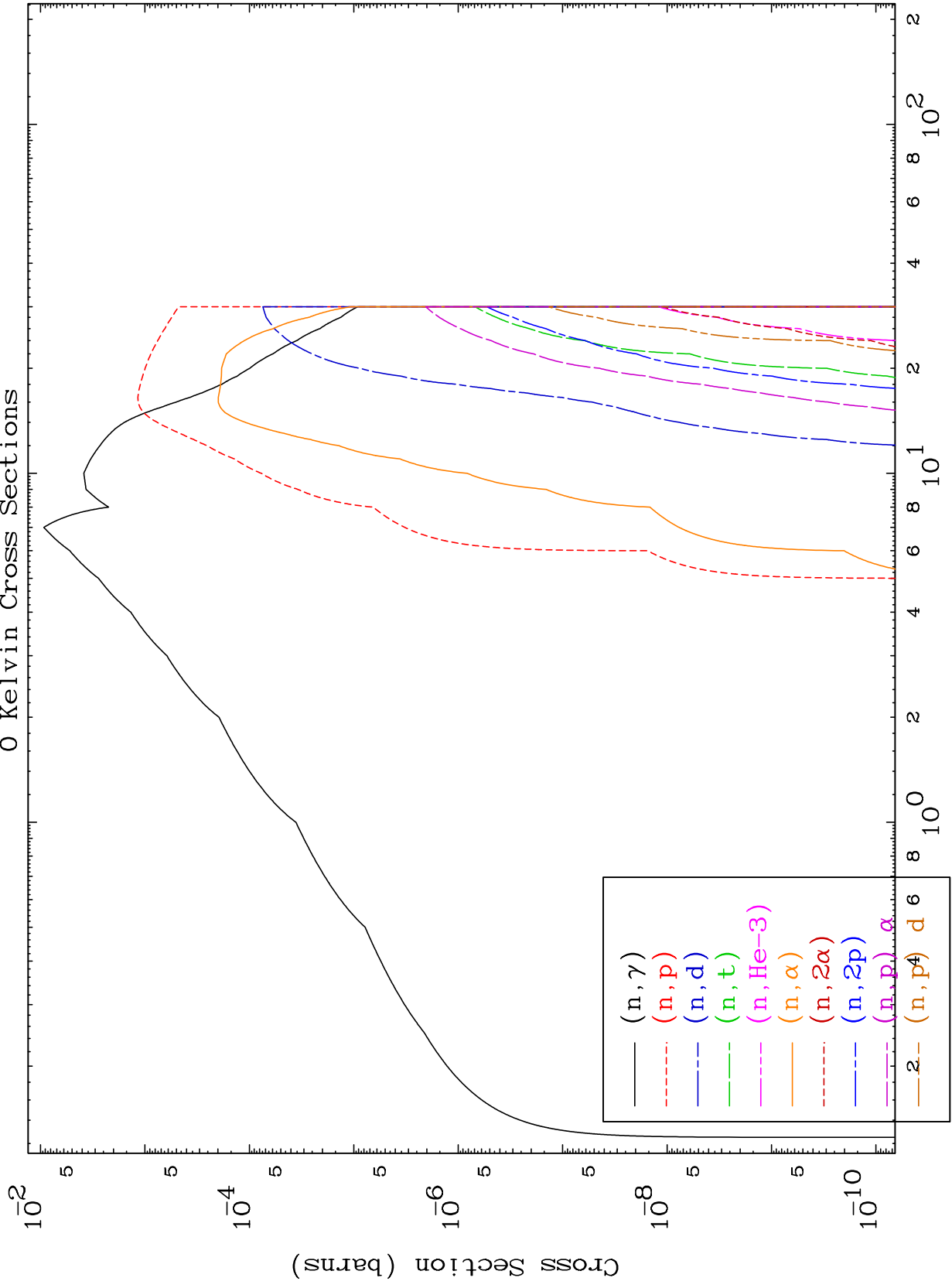




MAT 6310

Photon Neutron Absorption
0 Kelvin Cross Sections

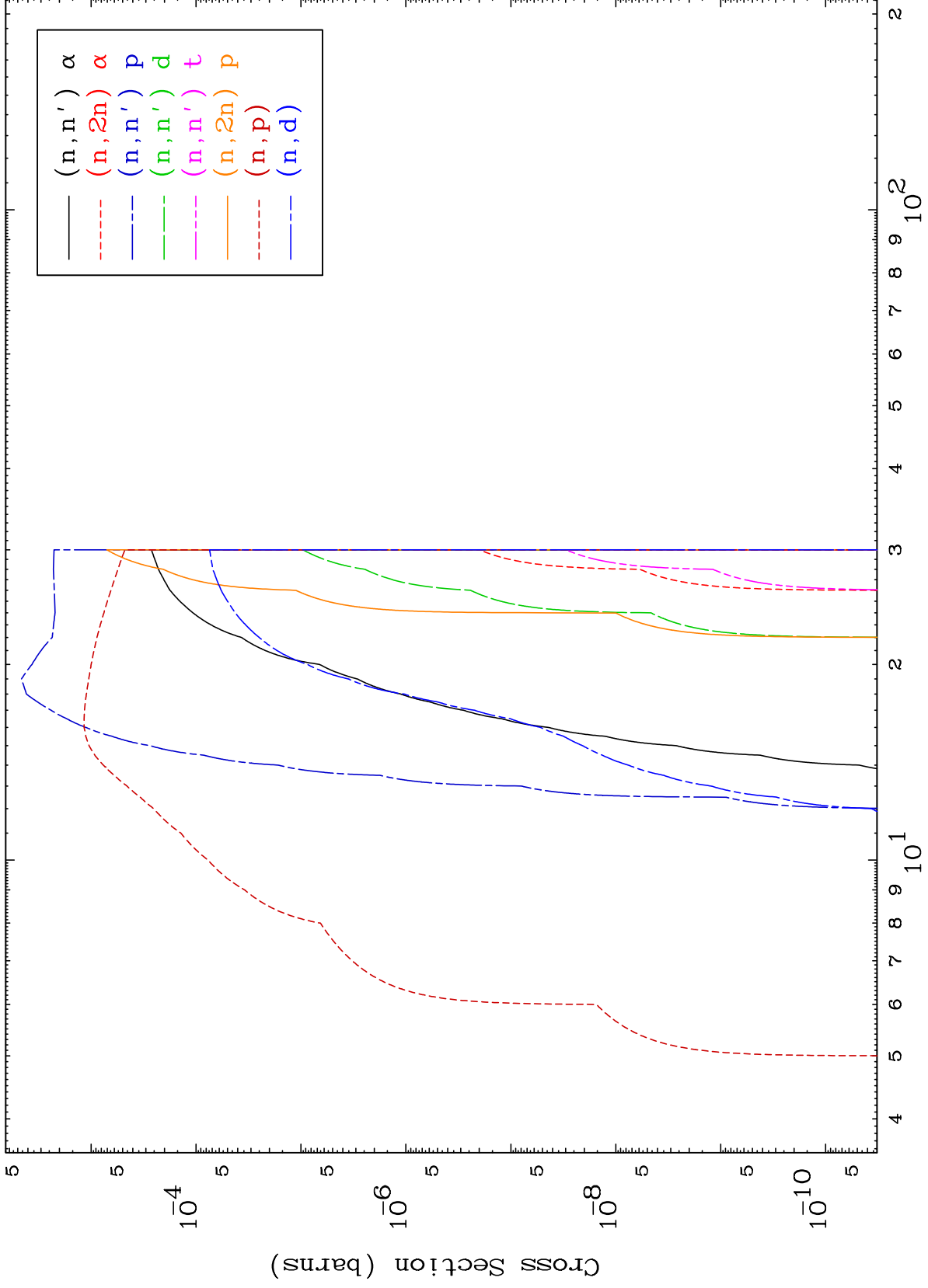
63-Eu-146



3

Incident Energy (MeV)

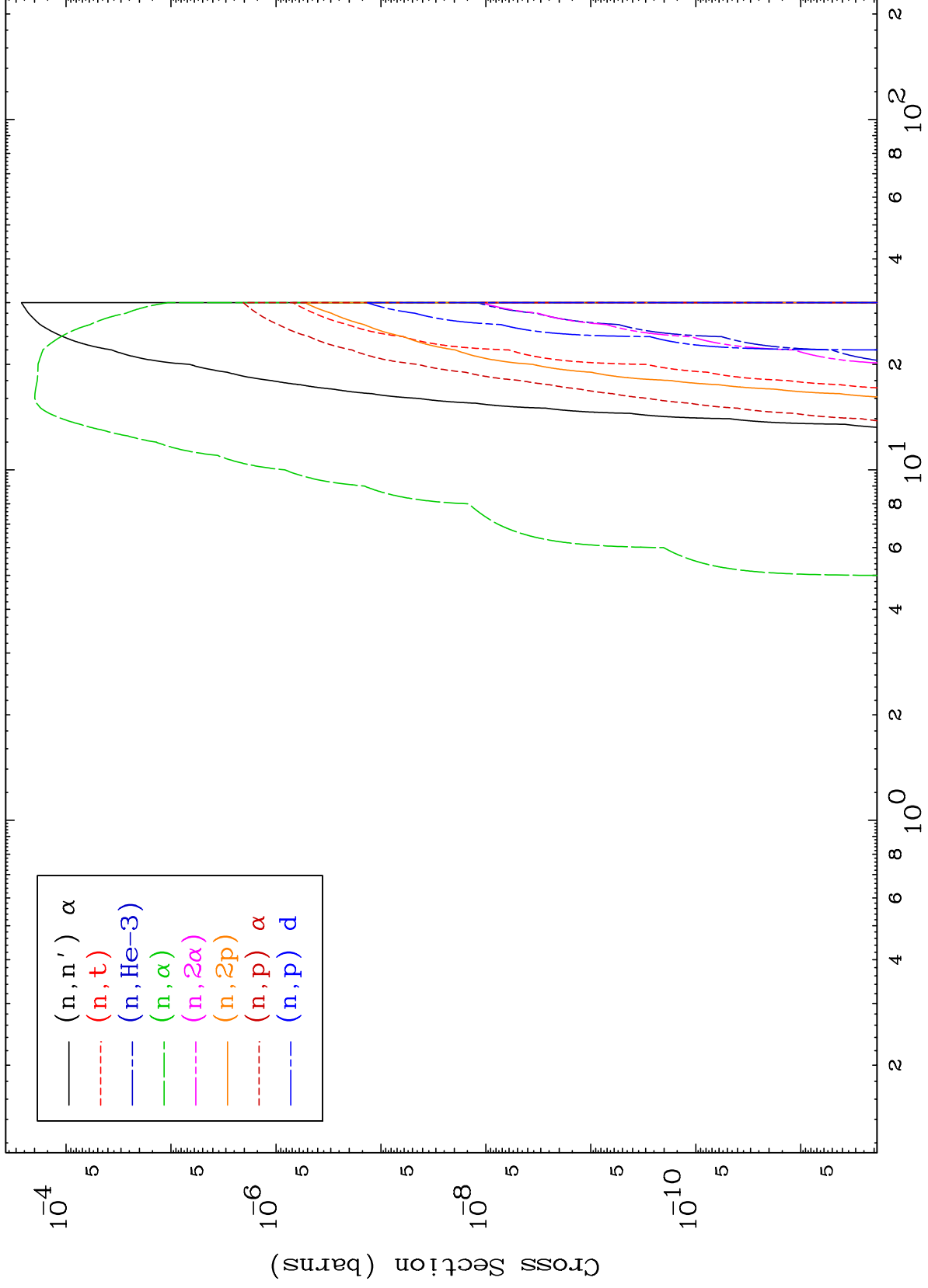
63-Eu-146



MAT 6310

Photon Charged Particle
0 Kelvin Cross Sections

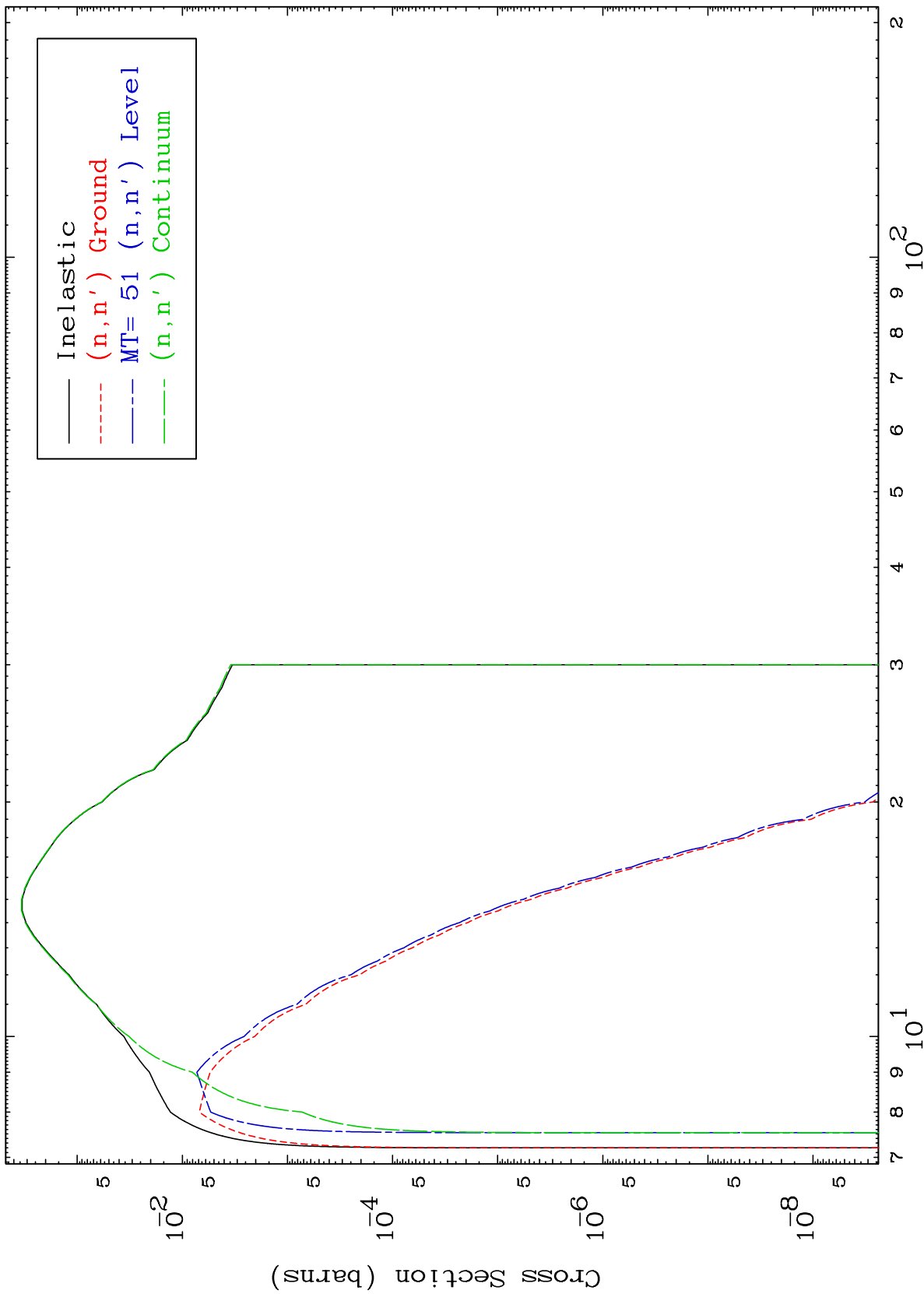
63-Eu-146



MAT 6310

63-Eu-146

(γ, n') Levels
0 Kelvin Cross Sections



63-Eu-146

Incident Energy (MeV)

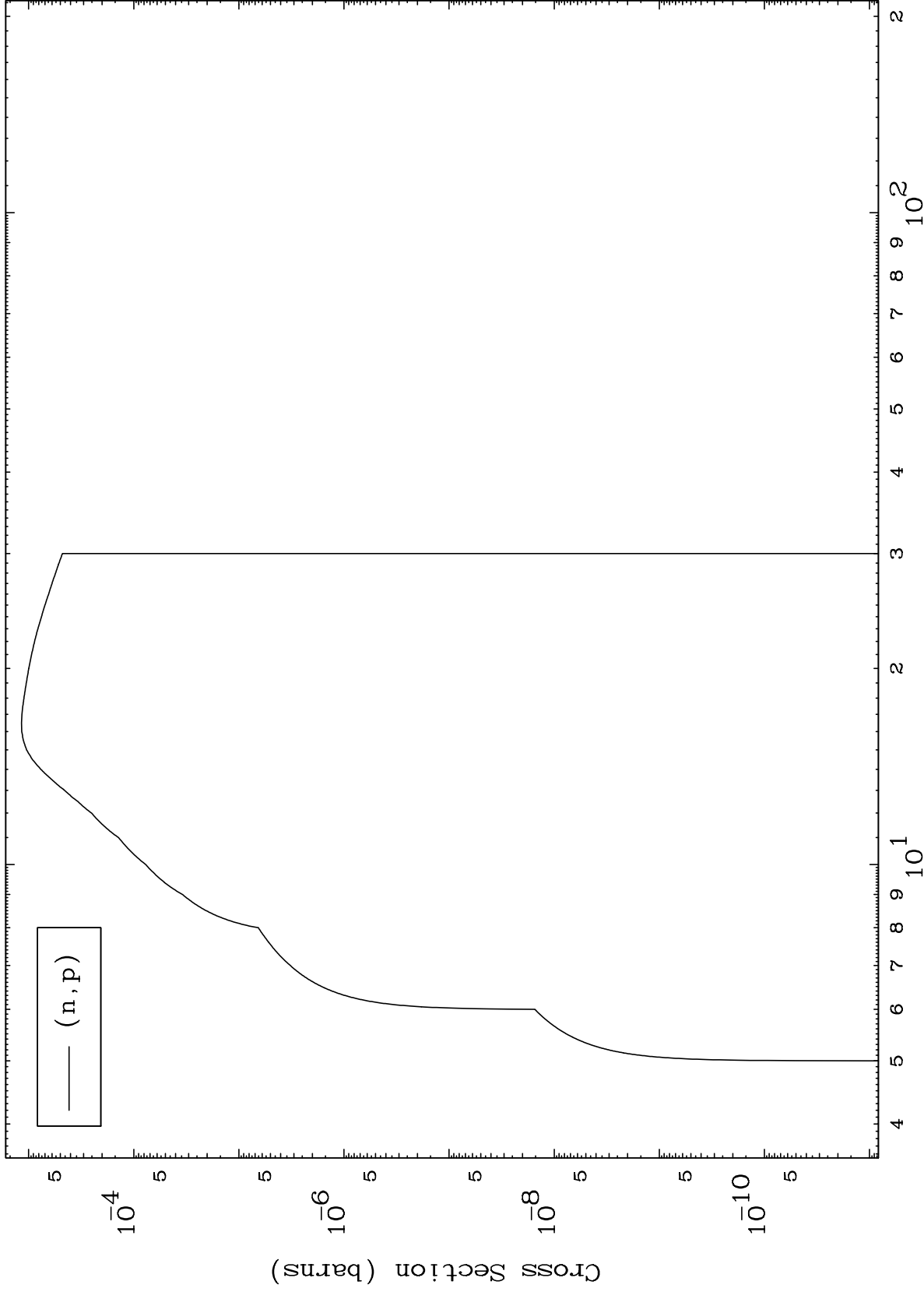
6

MAT 6310

(γ, p) Levels

63-Eu-146

0 Kelvin Cross Sections



7

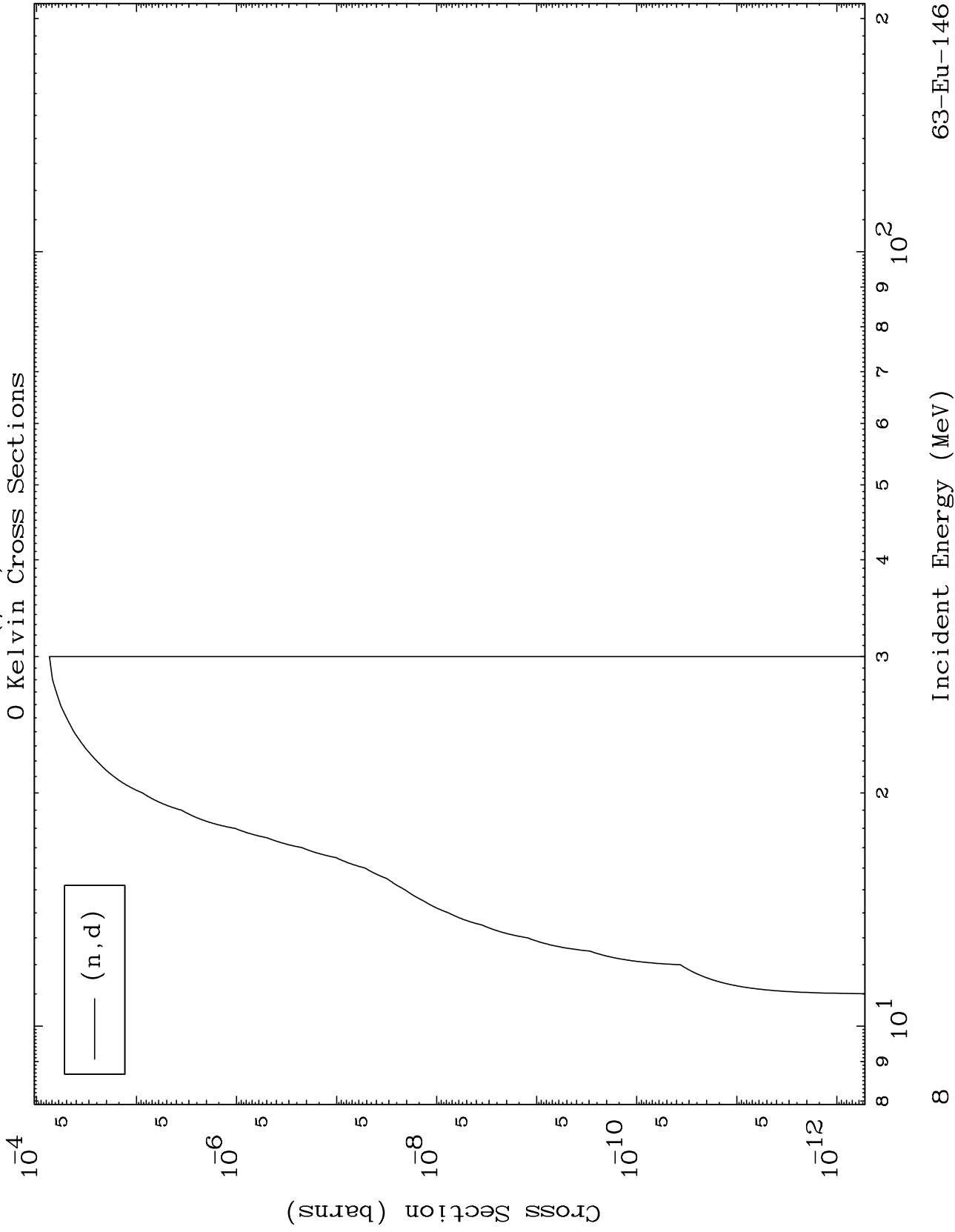
Incident Energy (MeV)

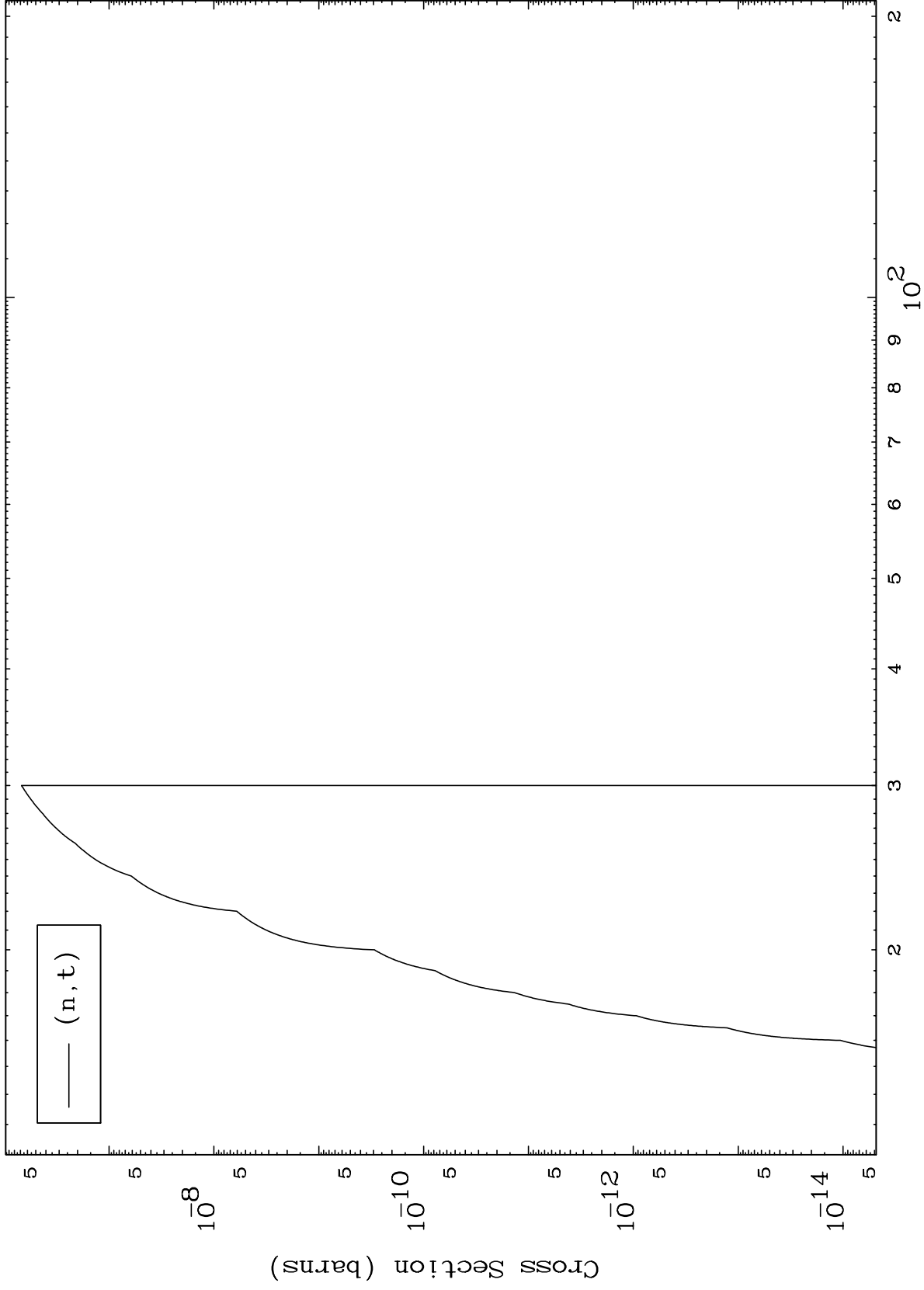
63-Eu-146

MAT 6310

(γ, d) Levels

63-Eu-146

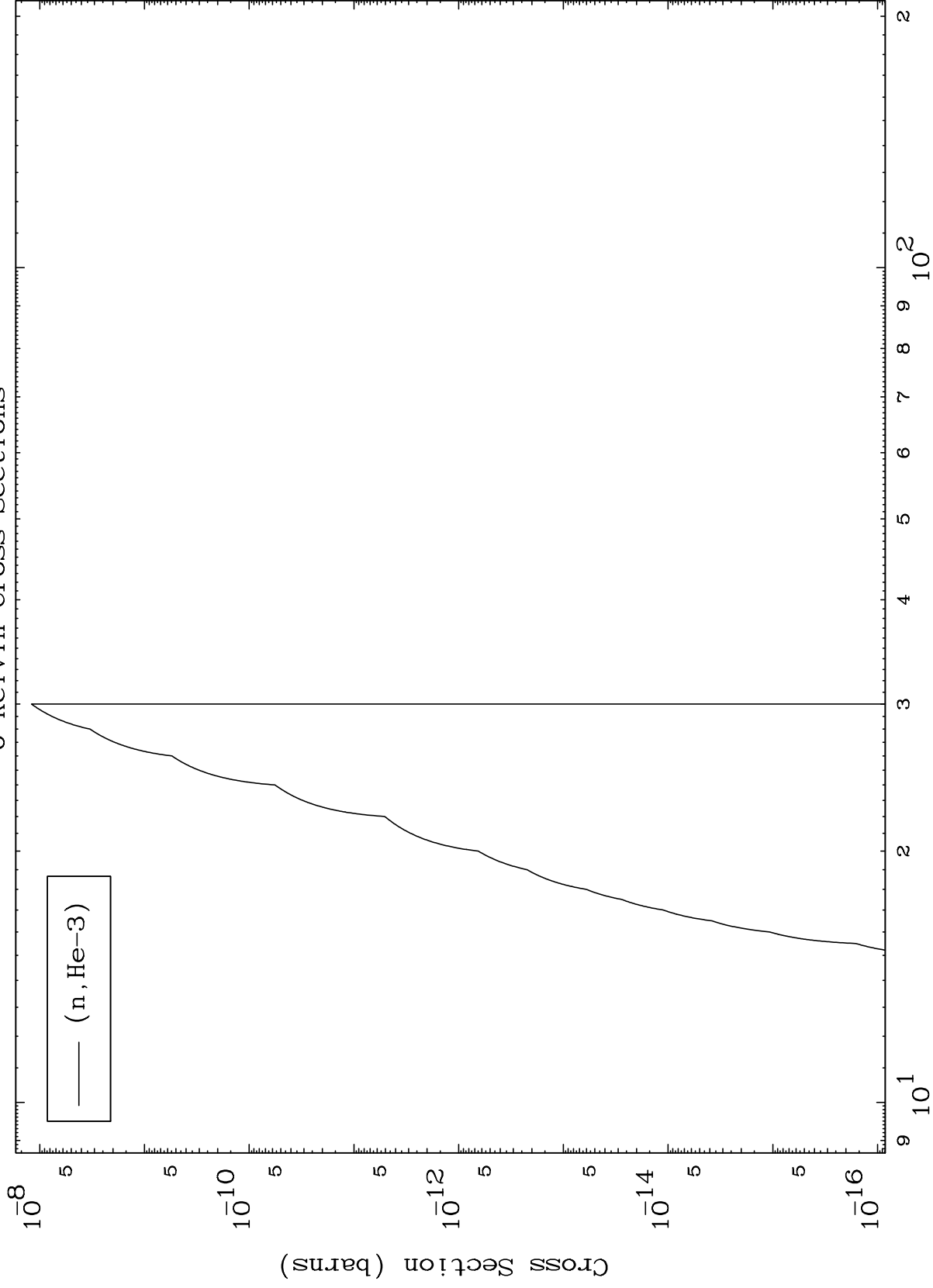




MAT 6310

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

63-Eu-146



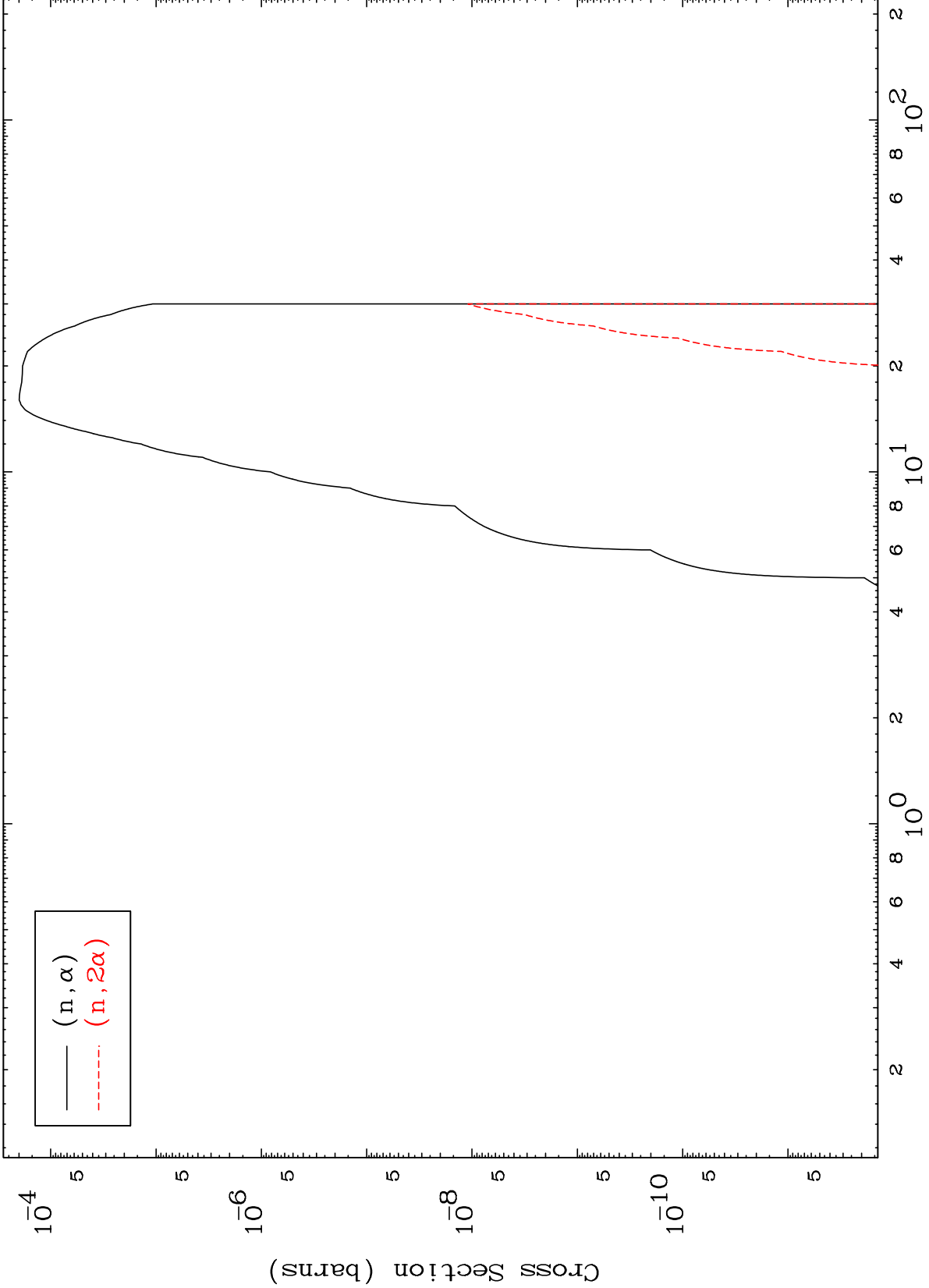
Incident Energy (MeV)

63-Eu-146

MAT 6310

(γ, α) Levels
0 Kelvin Cross Sections

63-Eu-146

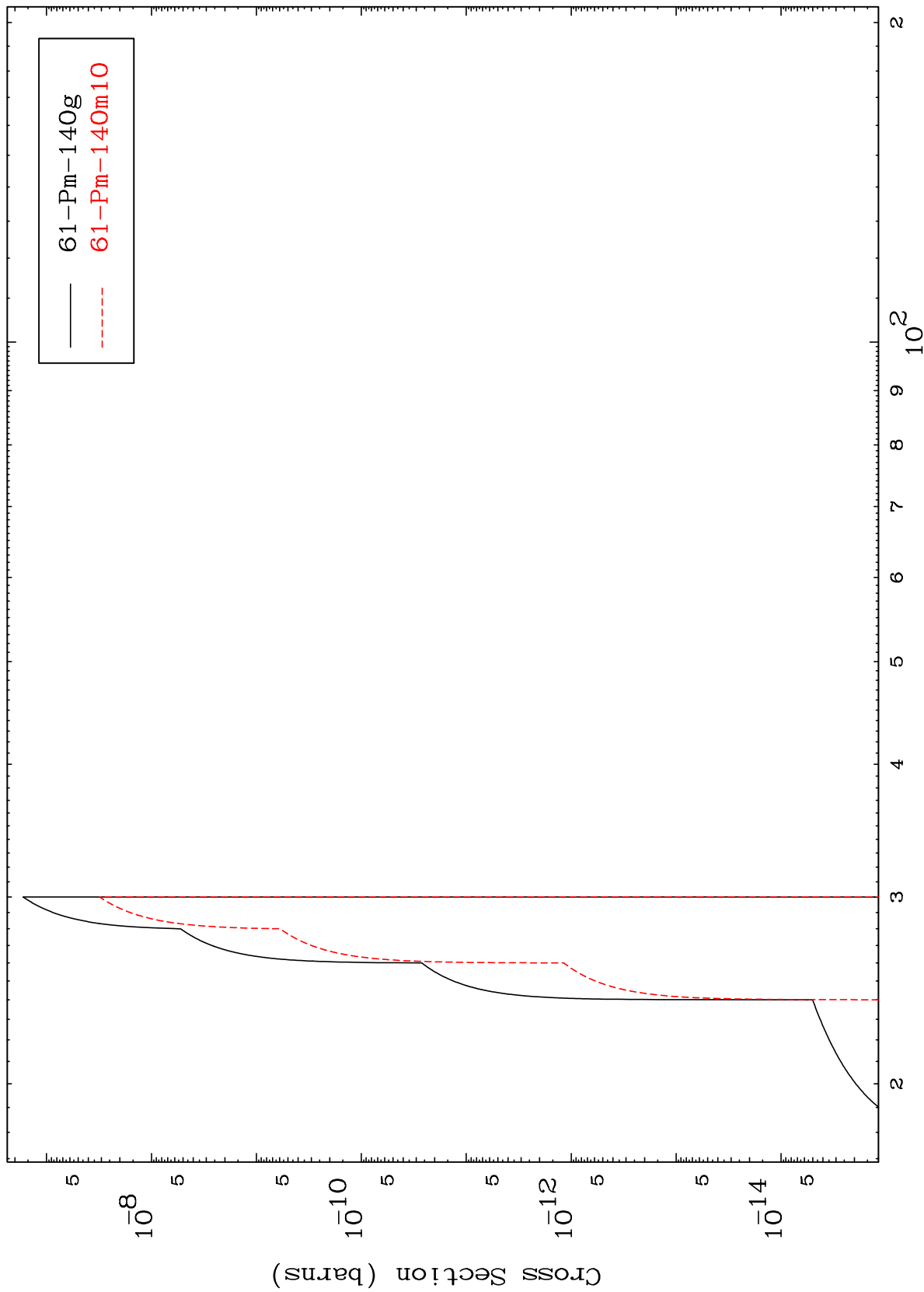


MAT 6310

$(n,2n) \alpha$

63-Eu-146

Radionuclide Production Cross Section

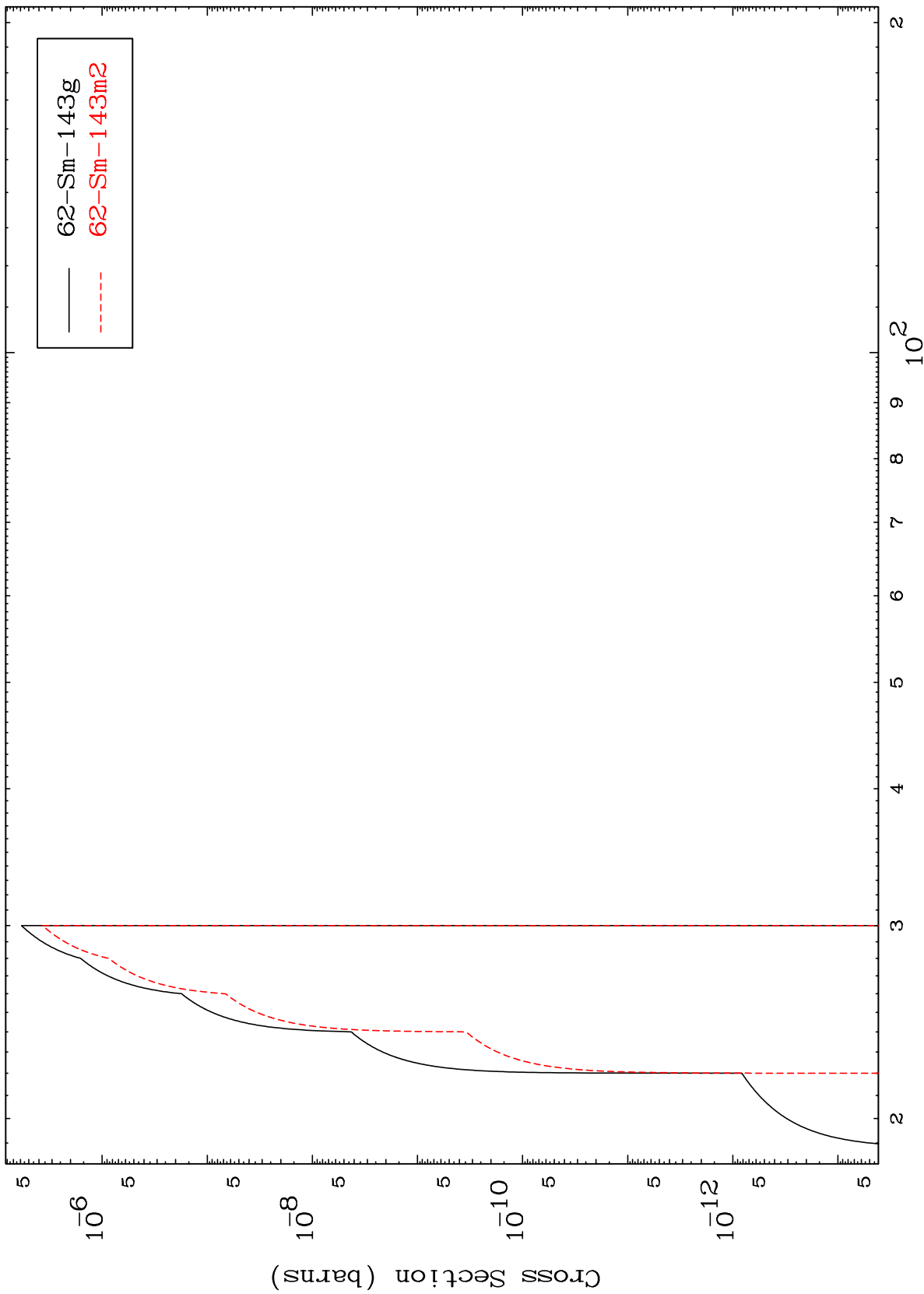


12

Incident Energy (MeV)

63-Eu-146

Radionuclide Production Cross Section

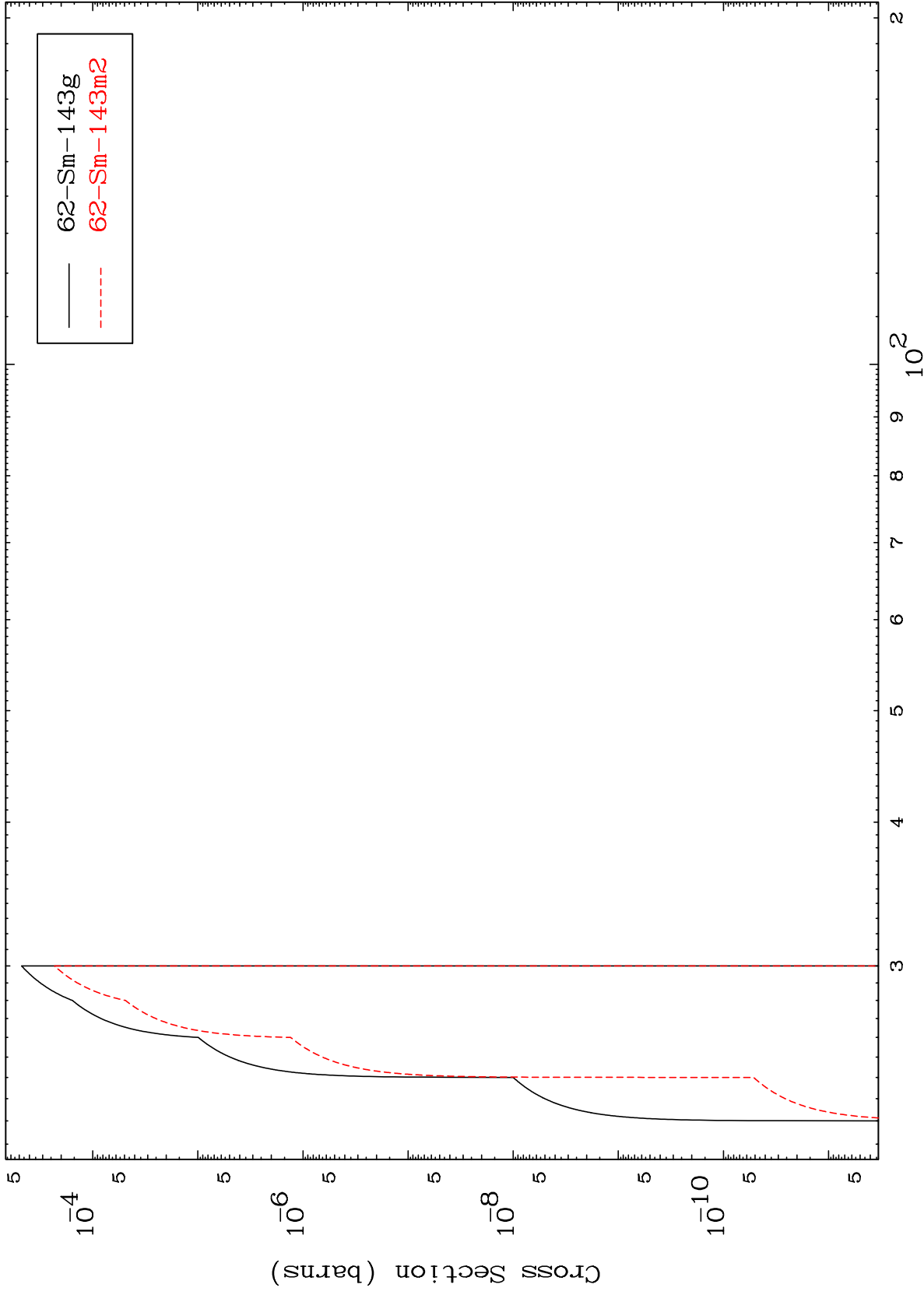


MAT 6310

(n,2n) p

63-Eu-146

Radionuclide Production Cross Section

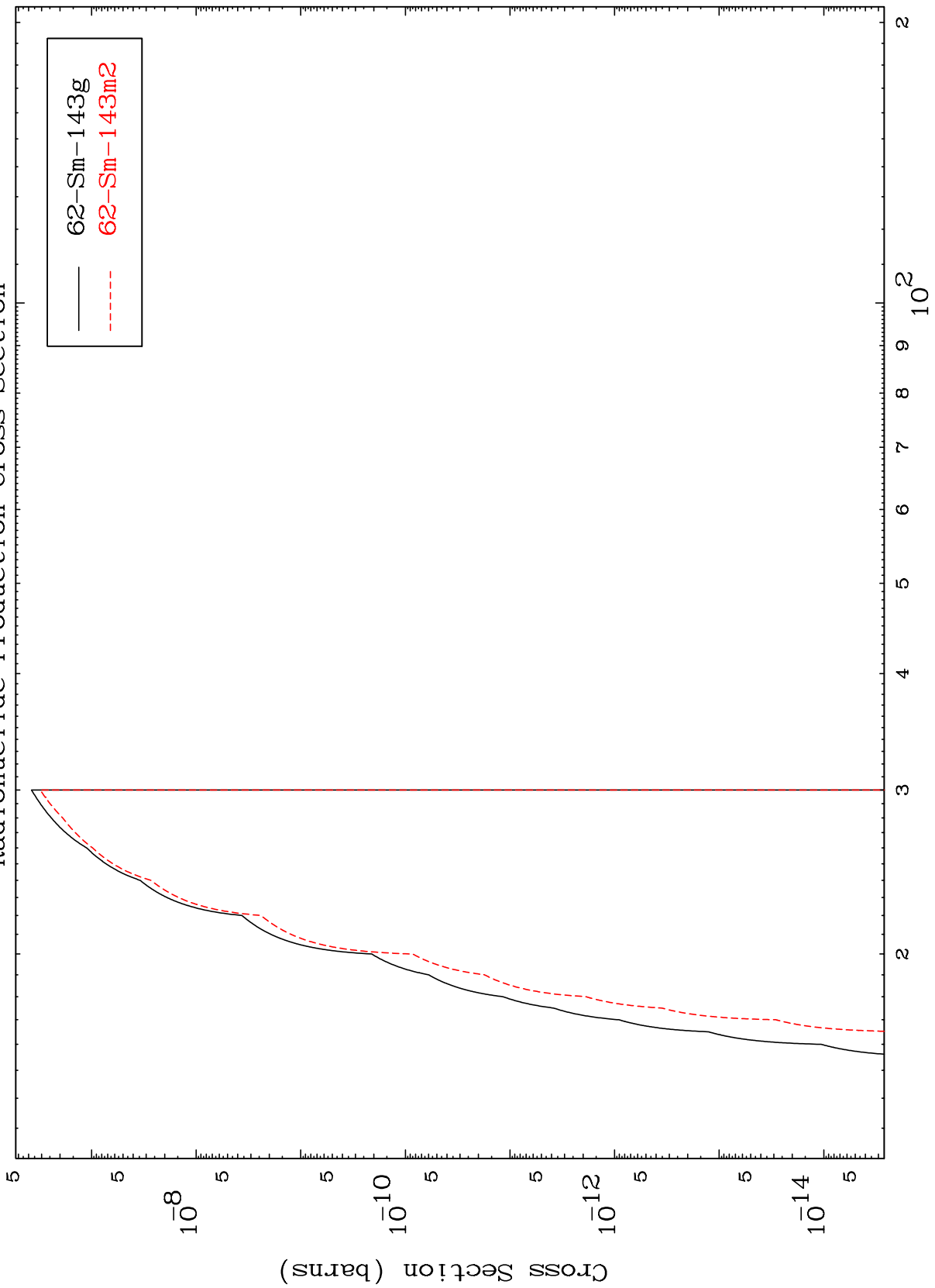


14

Incident Energy (MeV)

63-Eu-146

(n, t)
Radionuclide Production Cross Section



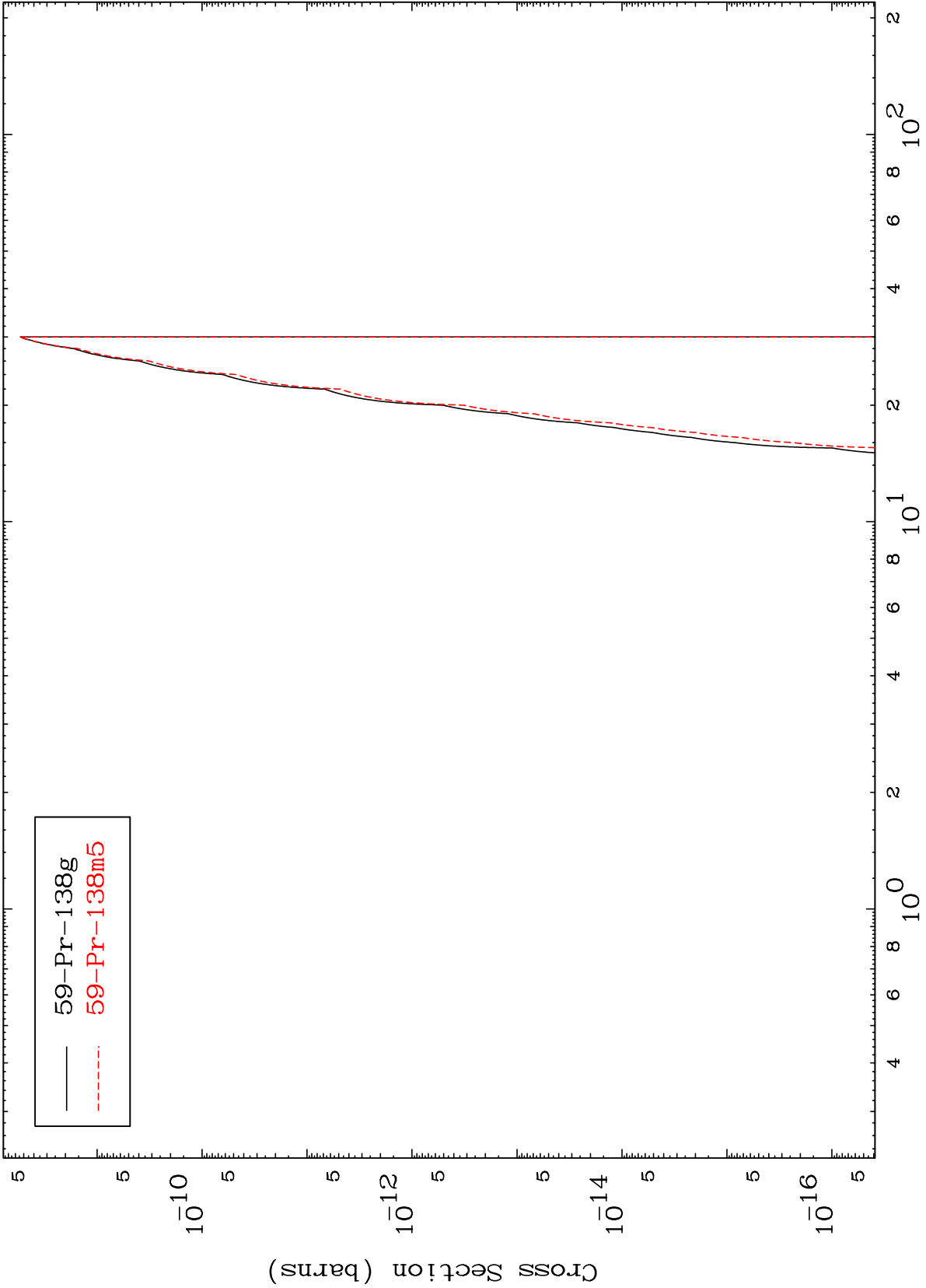
62-Sm-143g
62-Sm-143m2

MAT 6310

(n,2α)

63-Eu-146

Radionuclide Production Cross Section



59-Pr-138g
59-Pr-138m5

16

Incident Energy (MeV)

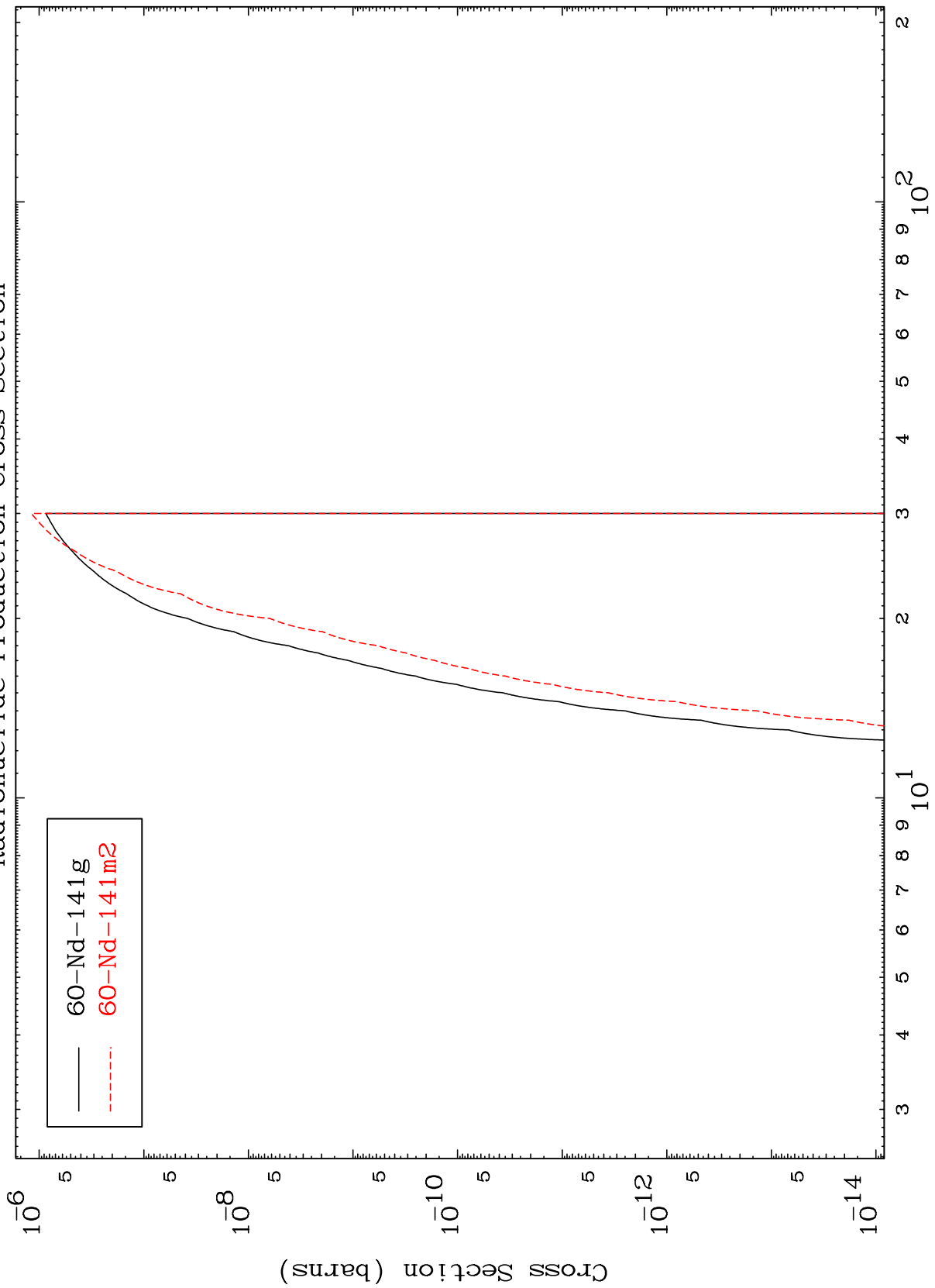
63-Eu-146

MAT 6310

(n,p) α

63-Eu-146

Radionuclide Production Cross Section



60-Nd-141 g
60-Nd-141 m2