

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

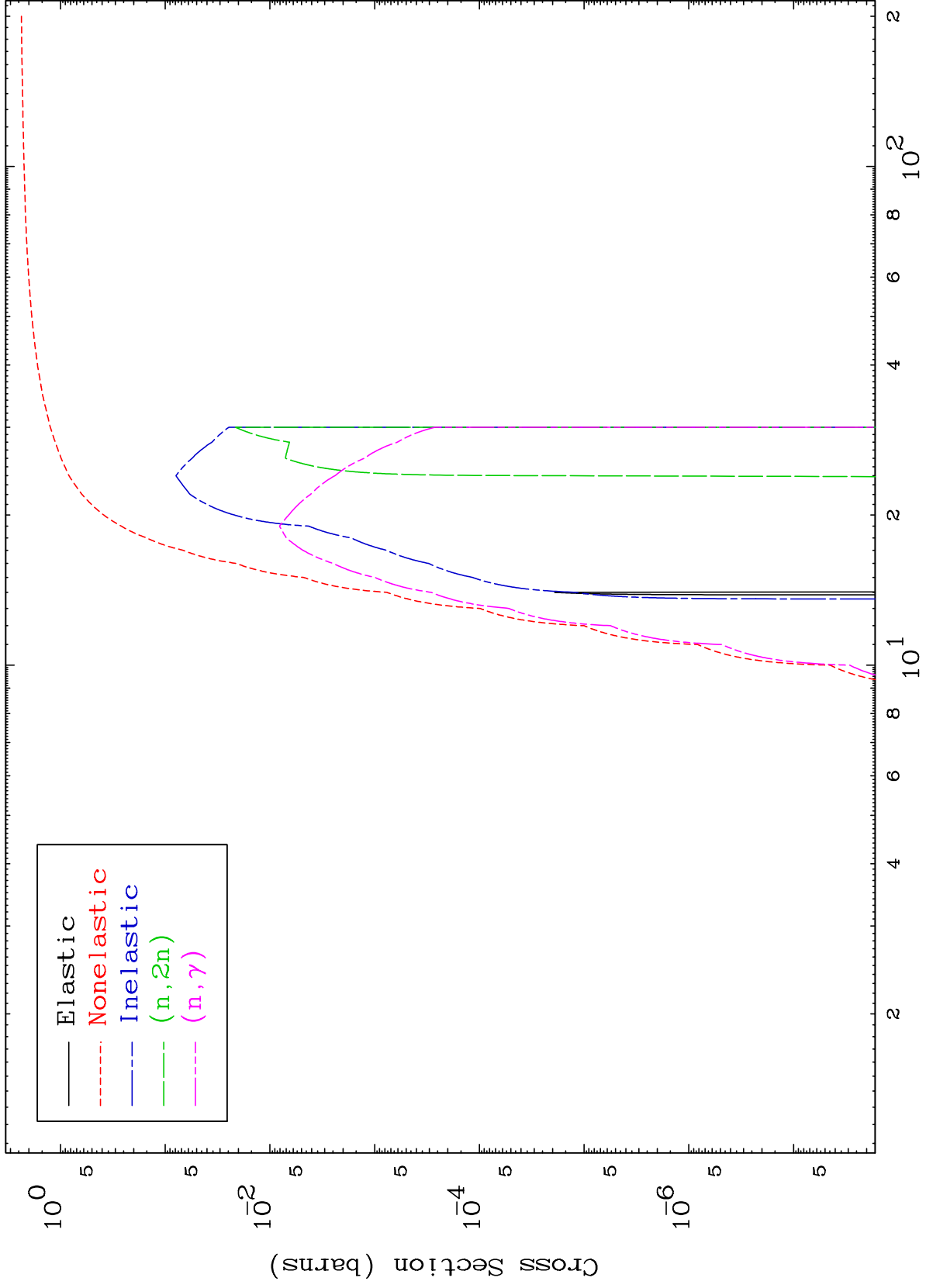
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Web:redcullen1.net/HOMEPAGE.NEW

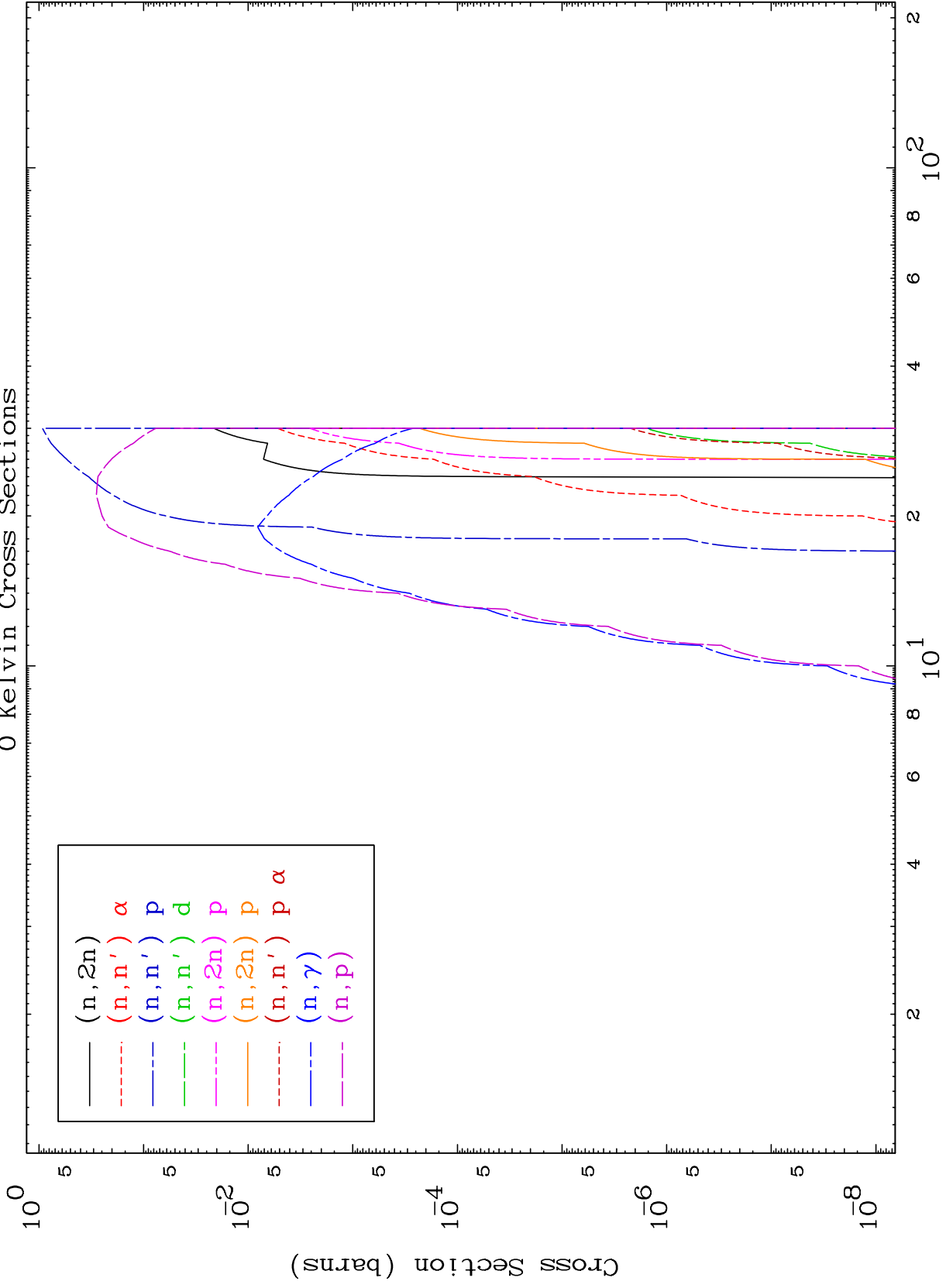
Press Mouse Button to Start

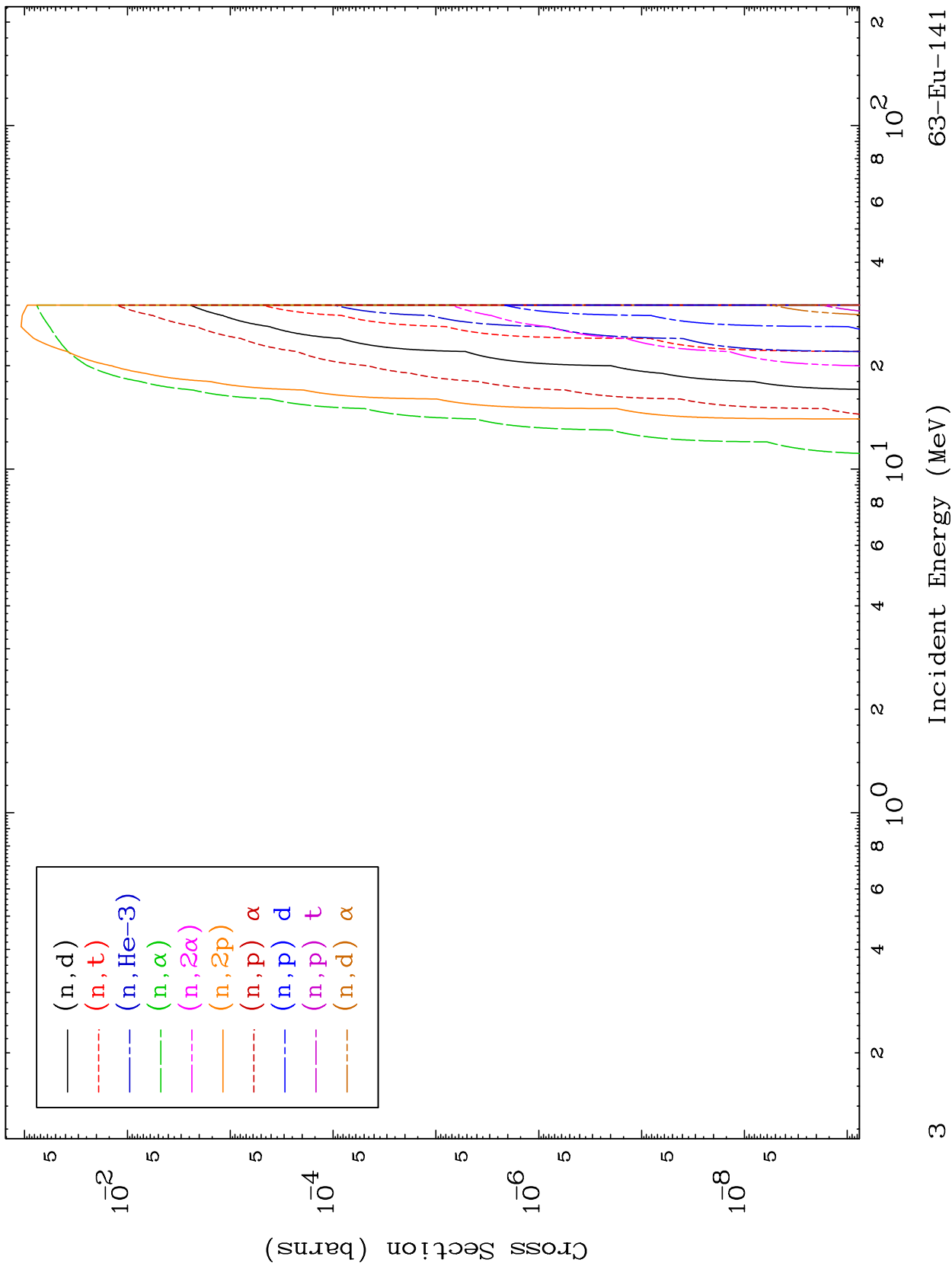


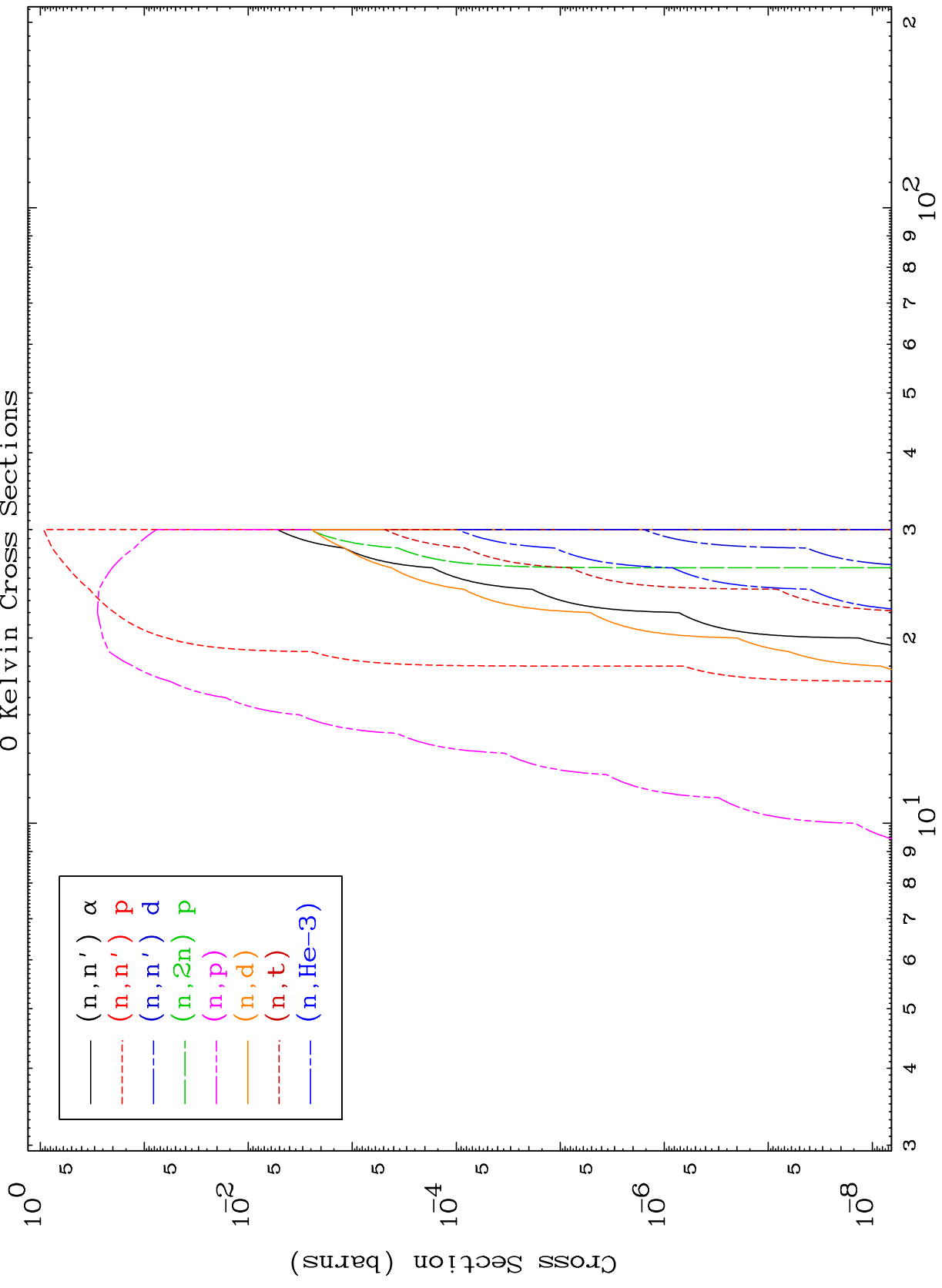
MAT 6295

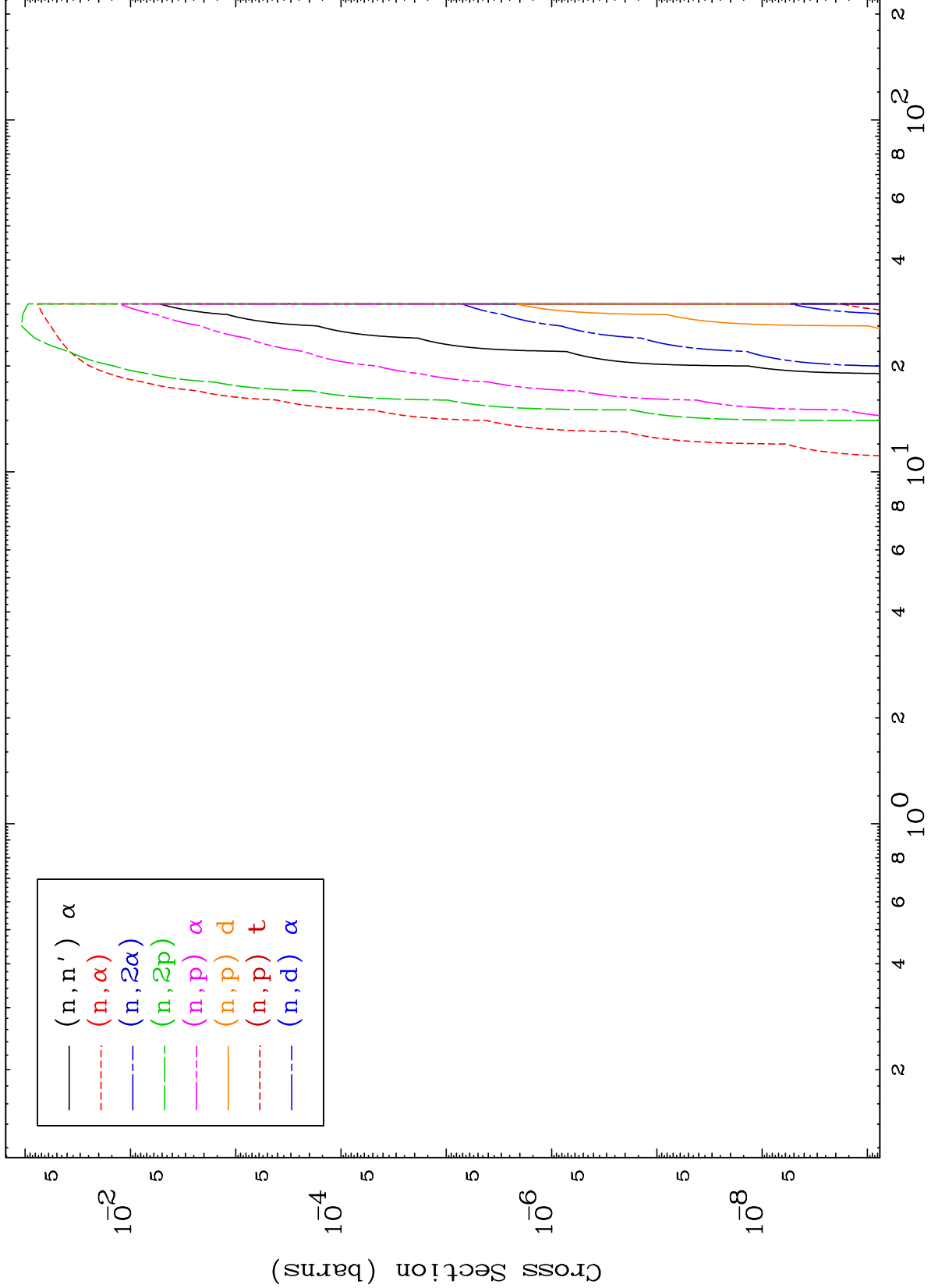
α Neutron Absorption
0 Kelvin Cross Sections

63-Eu-141





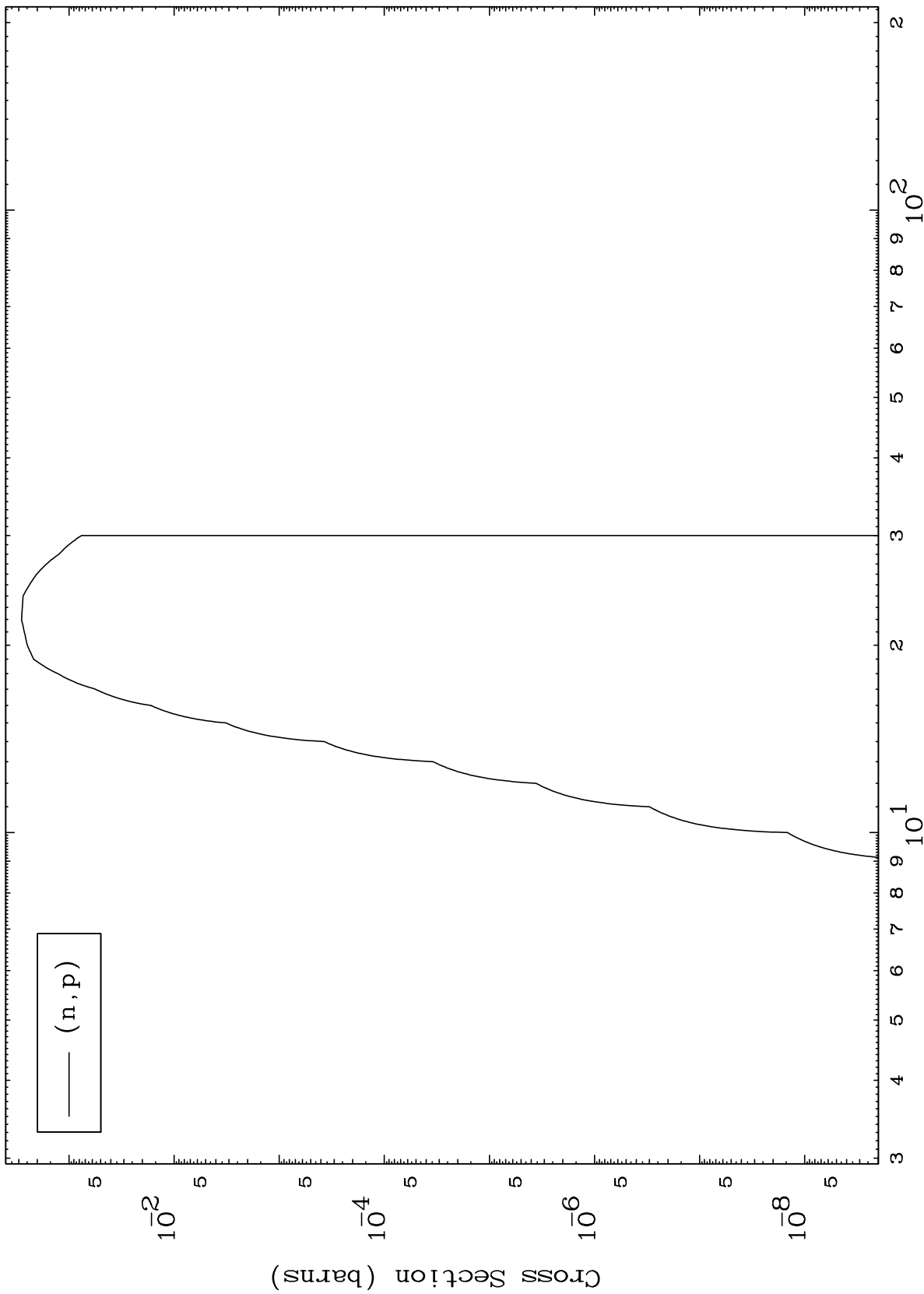




MAT 6295

63-Eu-141

(α, p) Levels
0 Kelvin Cross Sections



63-Eu-141

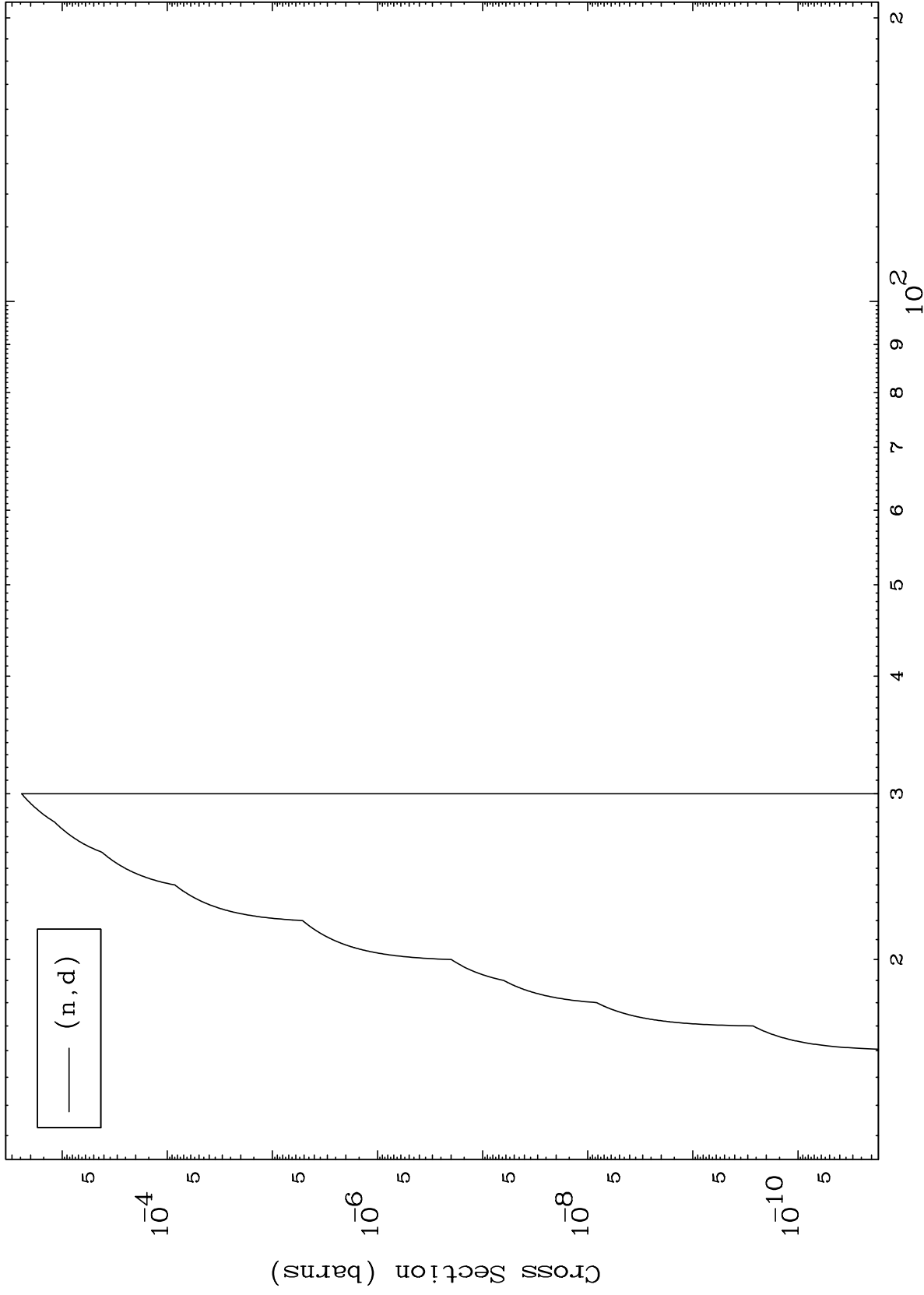
Incident Energy (MeV)

6

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(α, d) Levels
0 Kelvin Cross Sections

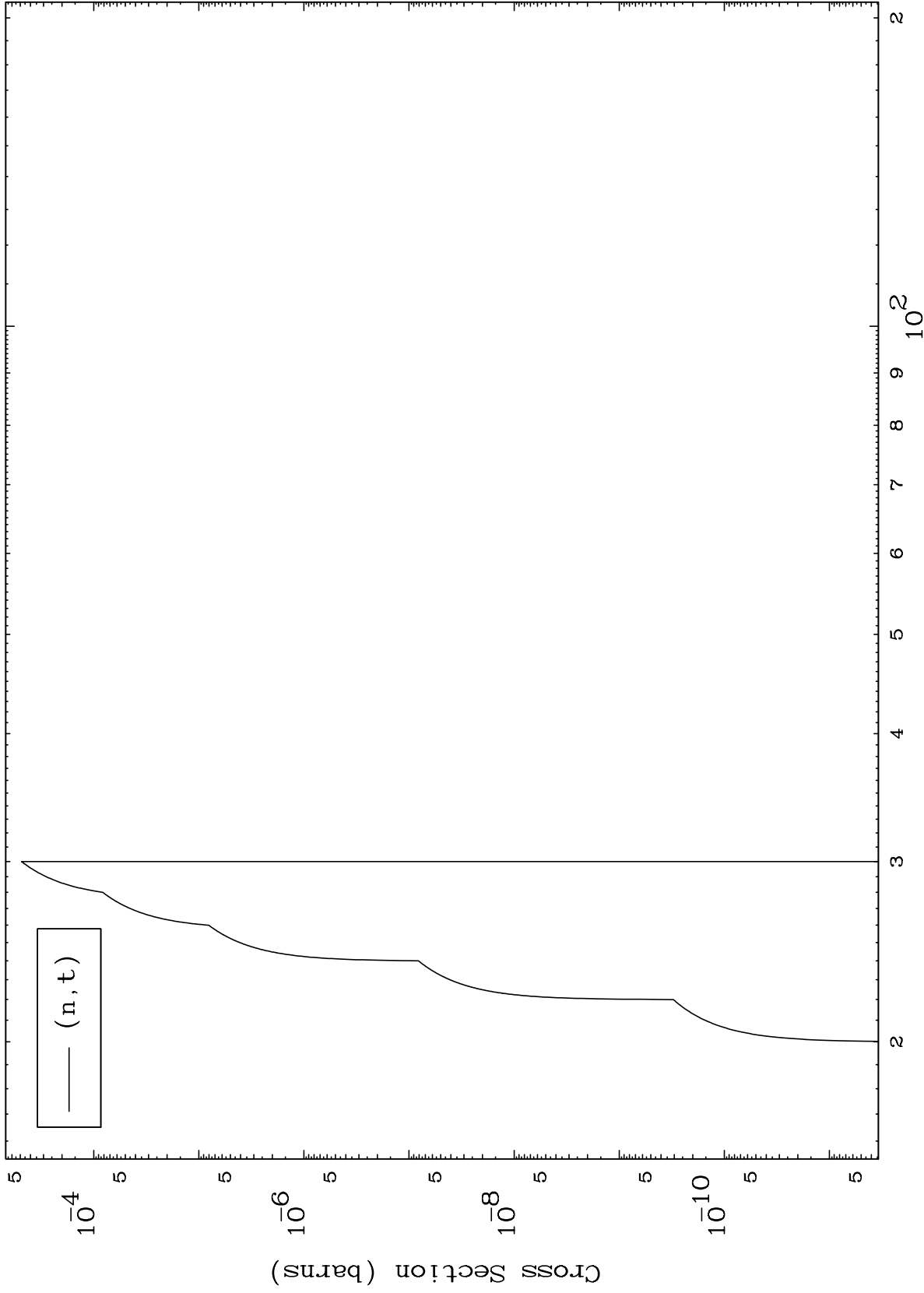
63-Eu-141



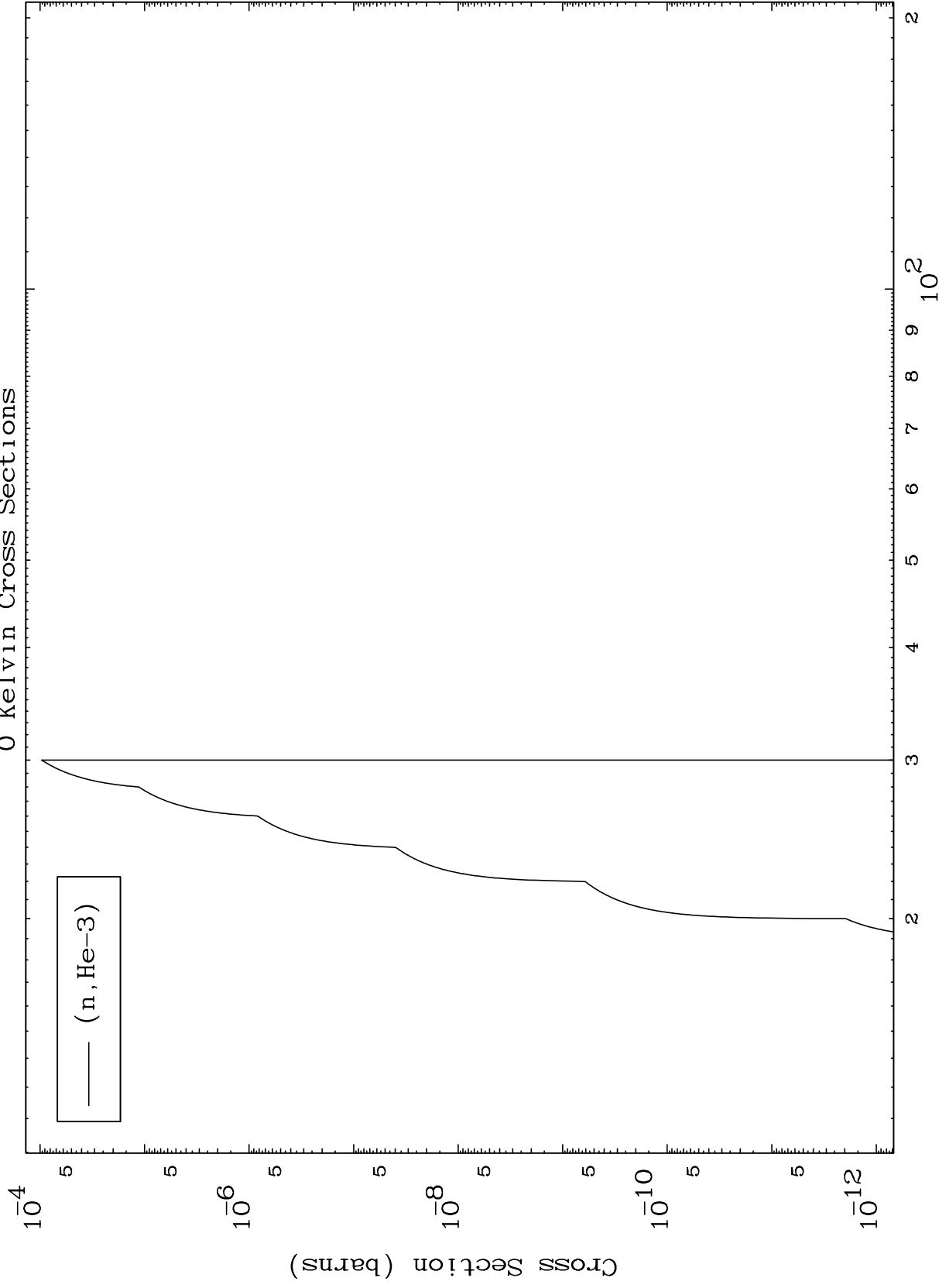
7

Incident Energy (MeV)

63-Eu-141



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

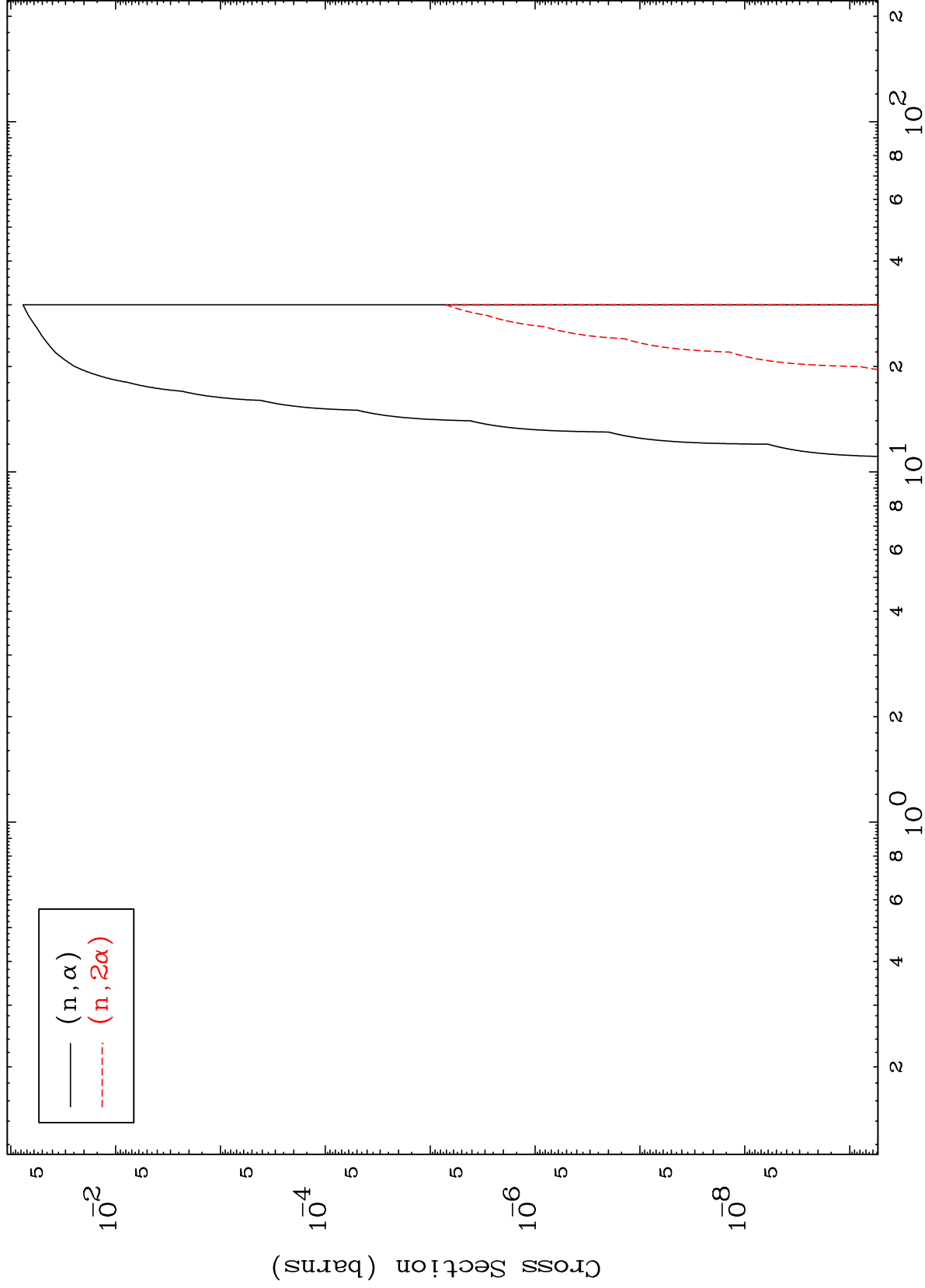


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(α, α) Levels

63-Eu-141

0 Kelvin Cross Sections

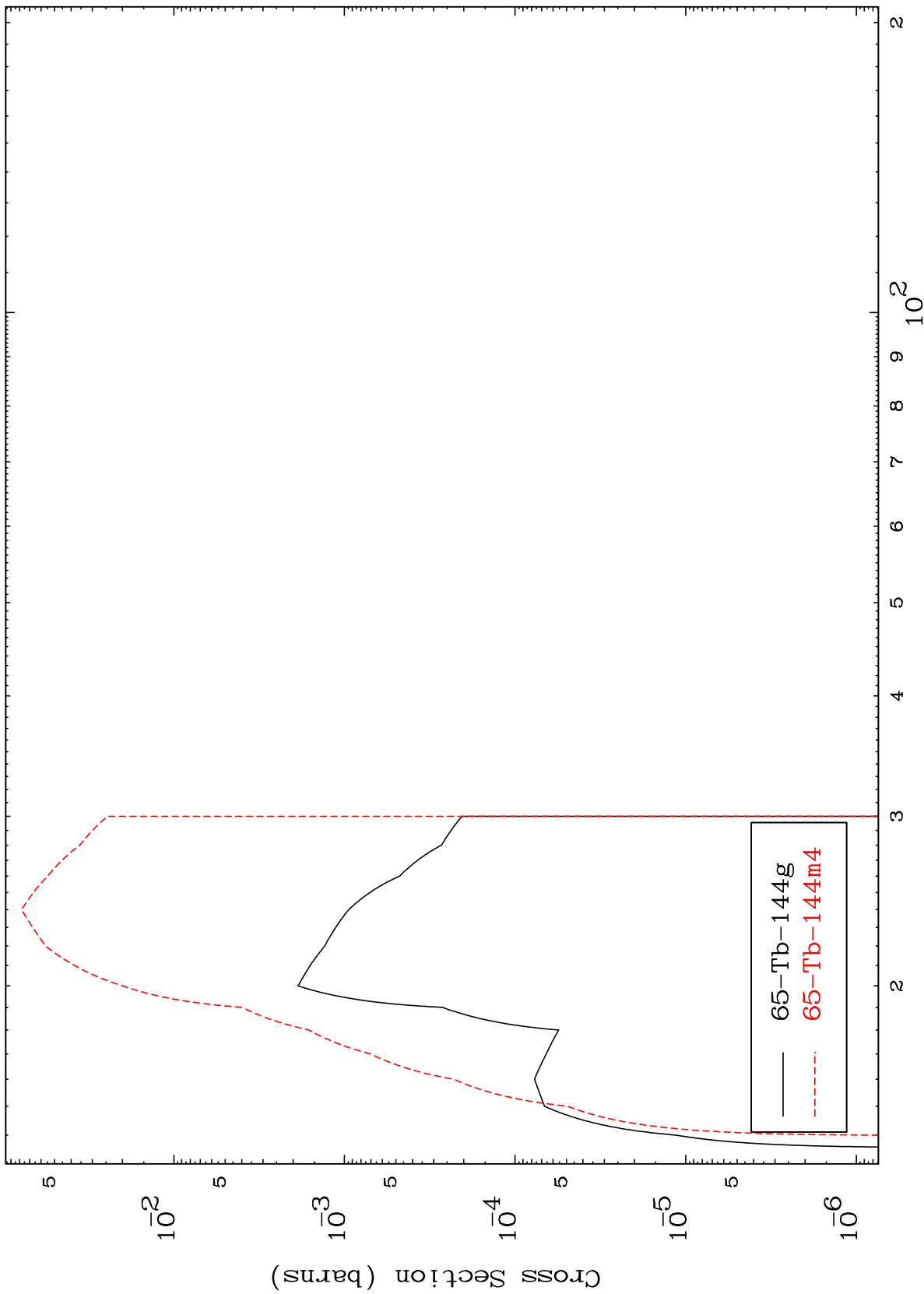


10

Incident Energy (MeV)

63-Eu-141

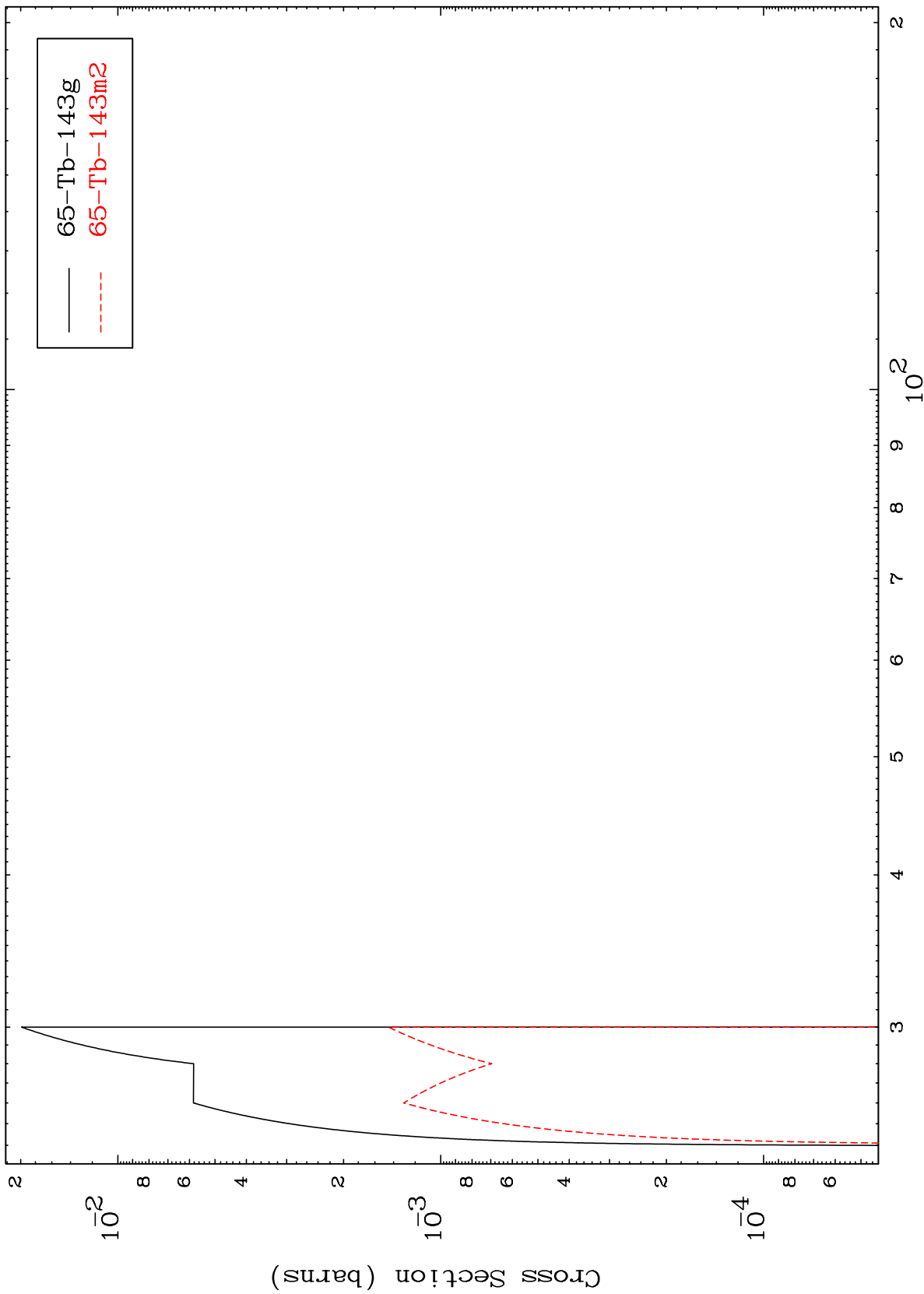
Inelastic
Radionuclide Production Cross Section



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(n,2n)
Radionuclide Production Cross Section



12

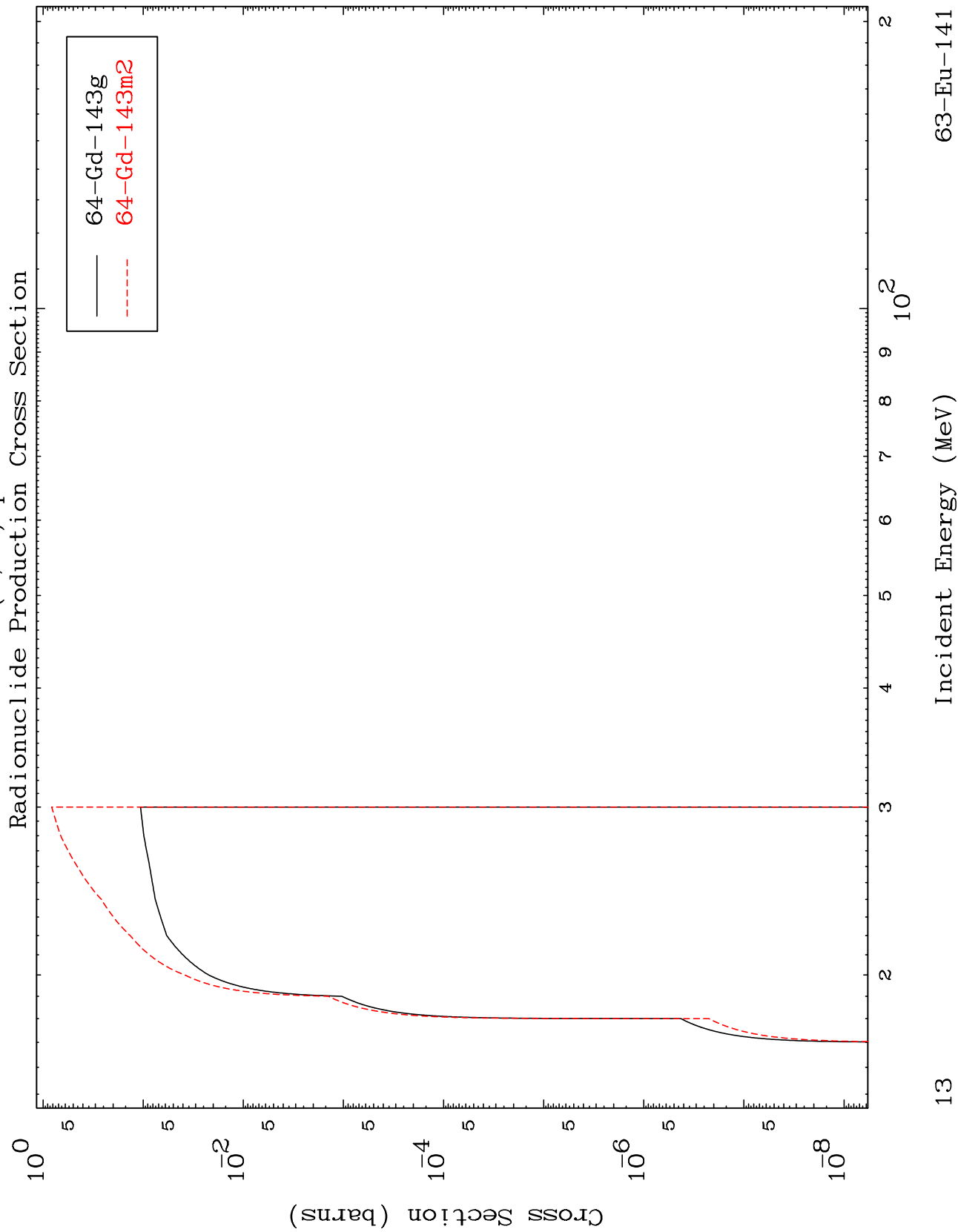
63-Eu-141

Incident Energy (MeV)

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(n,n') p

63-Eu-141



13

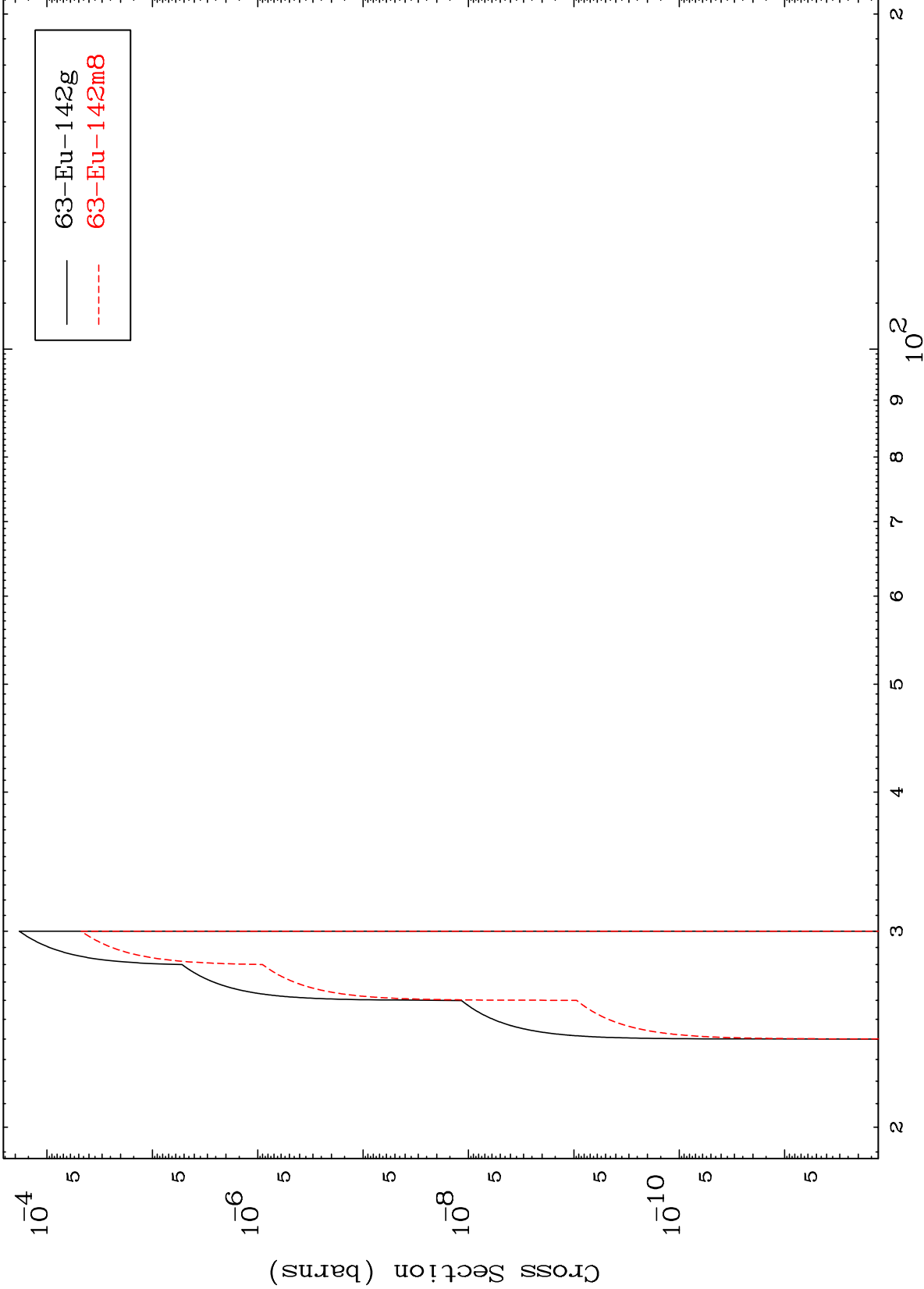
63-Eu-141

MAT 6295

(n,2n) p

63-Eu-141

Radionuclide Production Cross Section



14

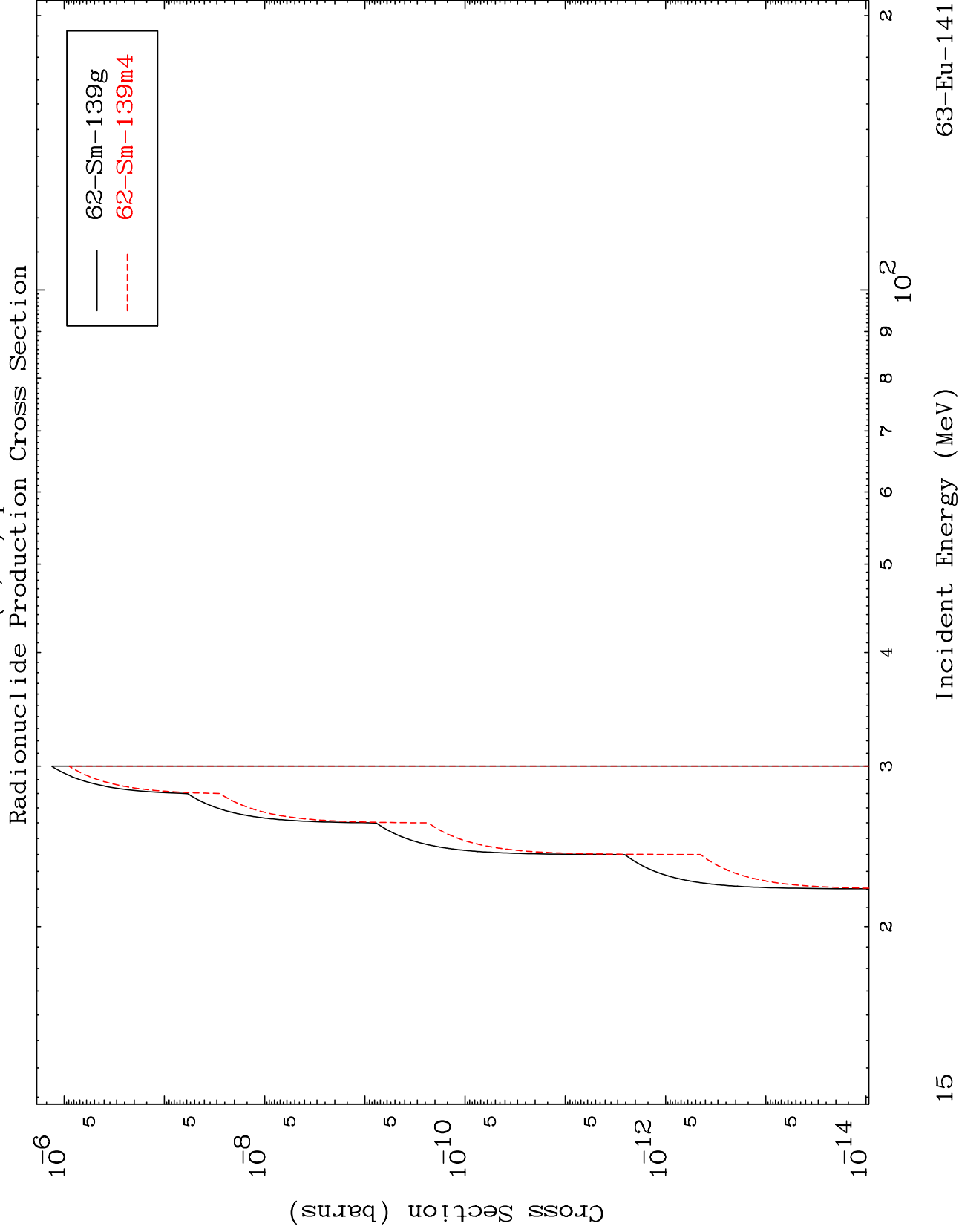
Incident Energy (MeV)

63-Eu-141

MAT 6295

(n,n') p α

63-Eu-141

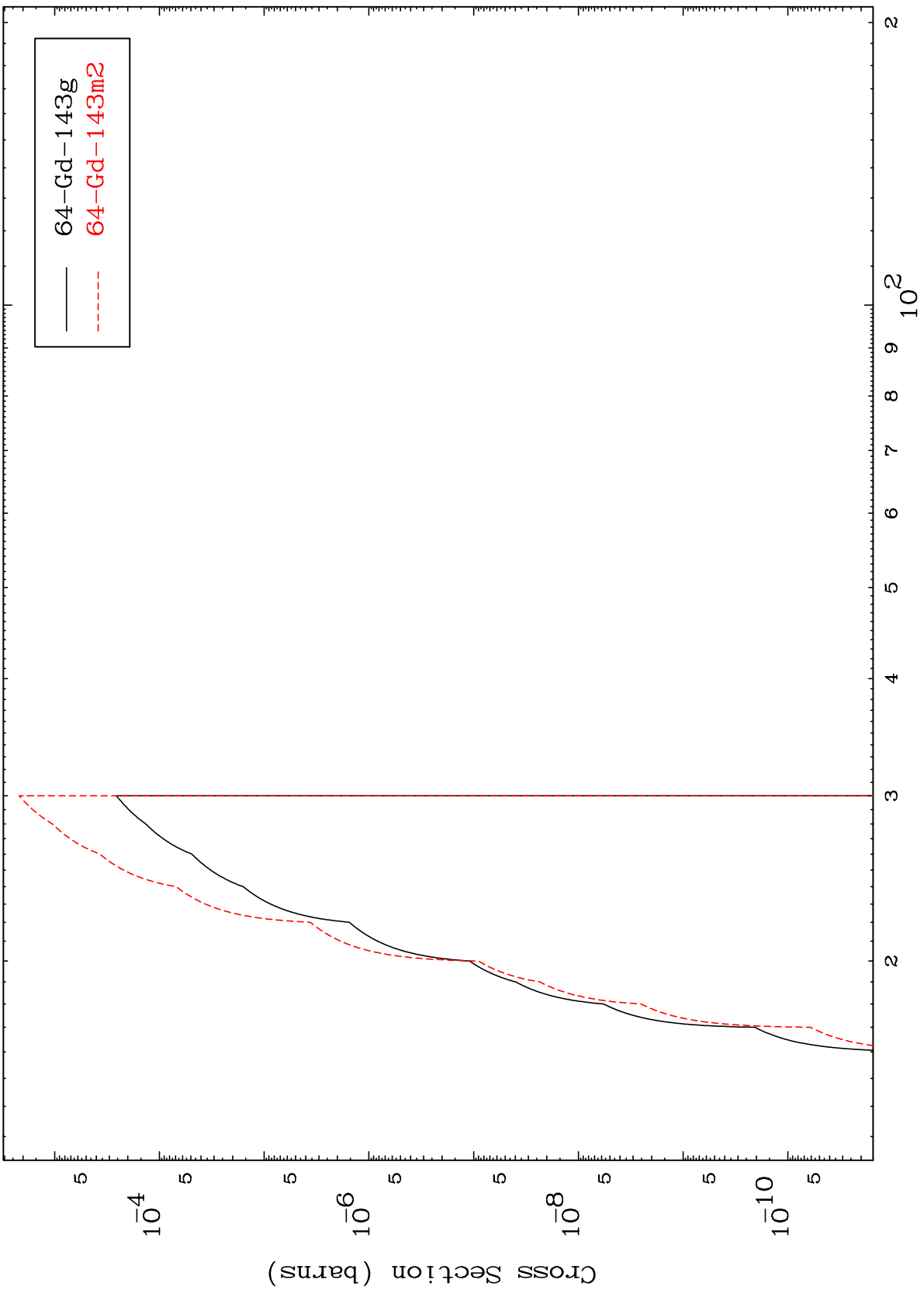


15

Incident Energy (MeV)

63-Eu-141

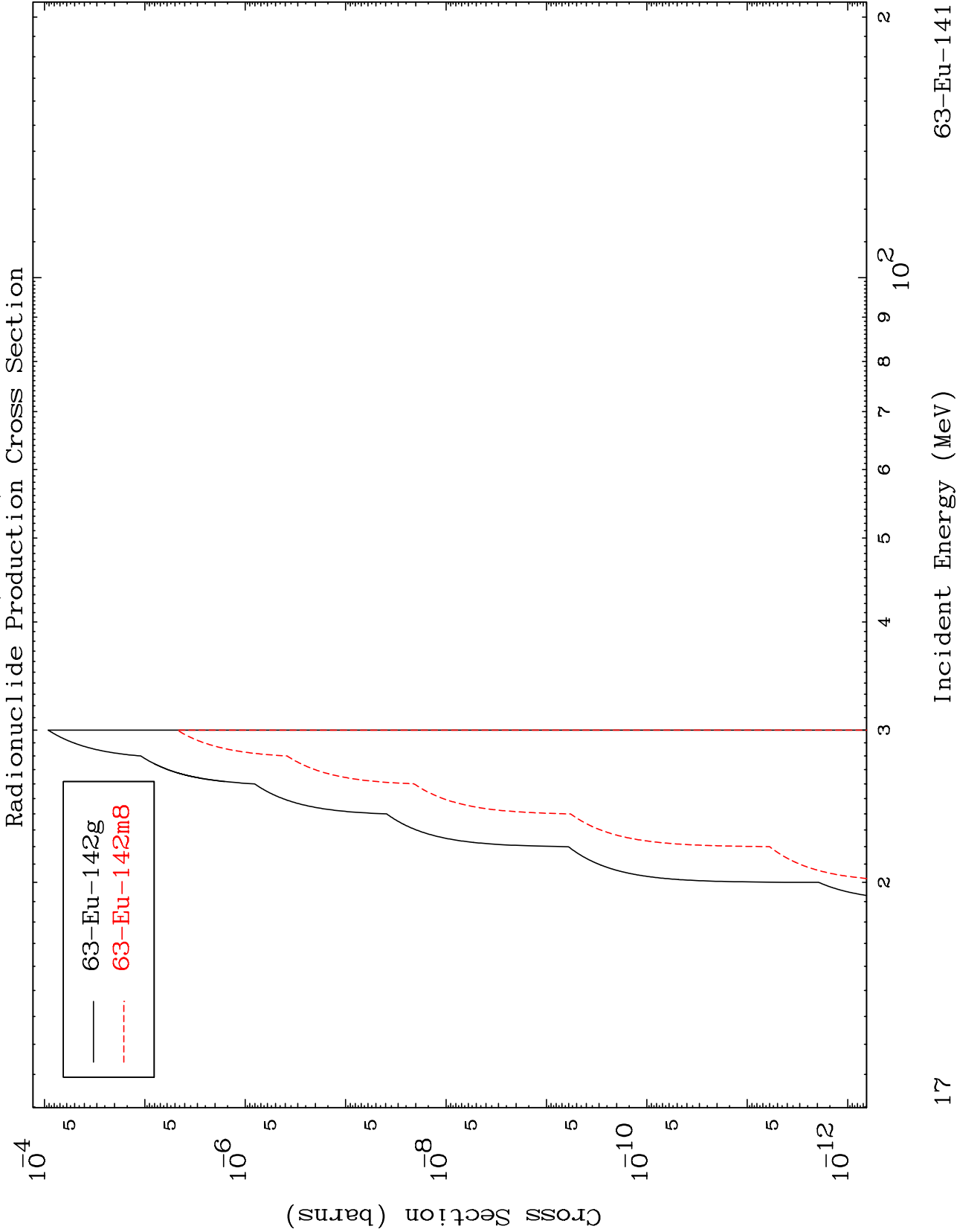
(n,d)
Radionuclide Production Cross Section



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(n,He-3)

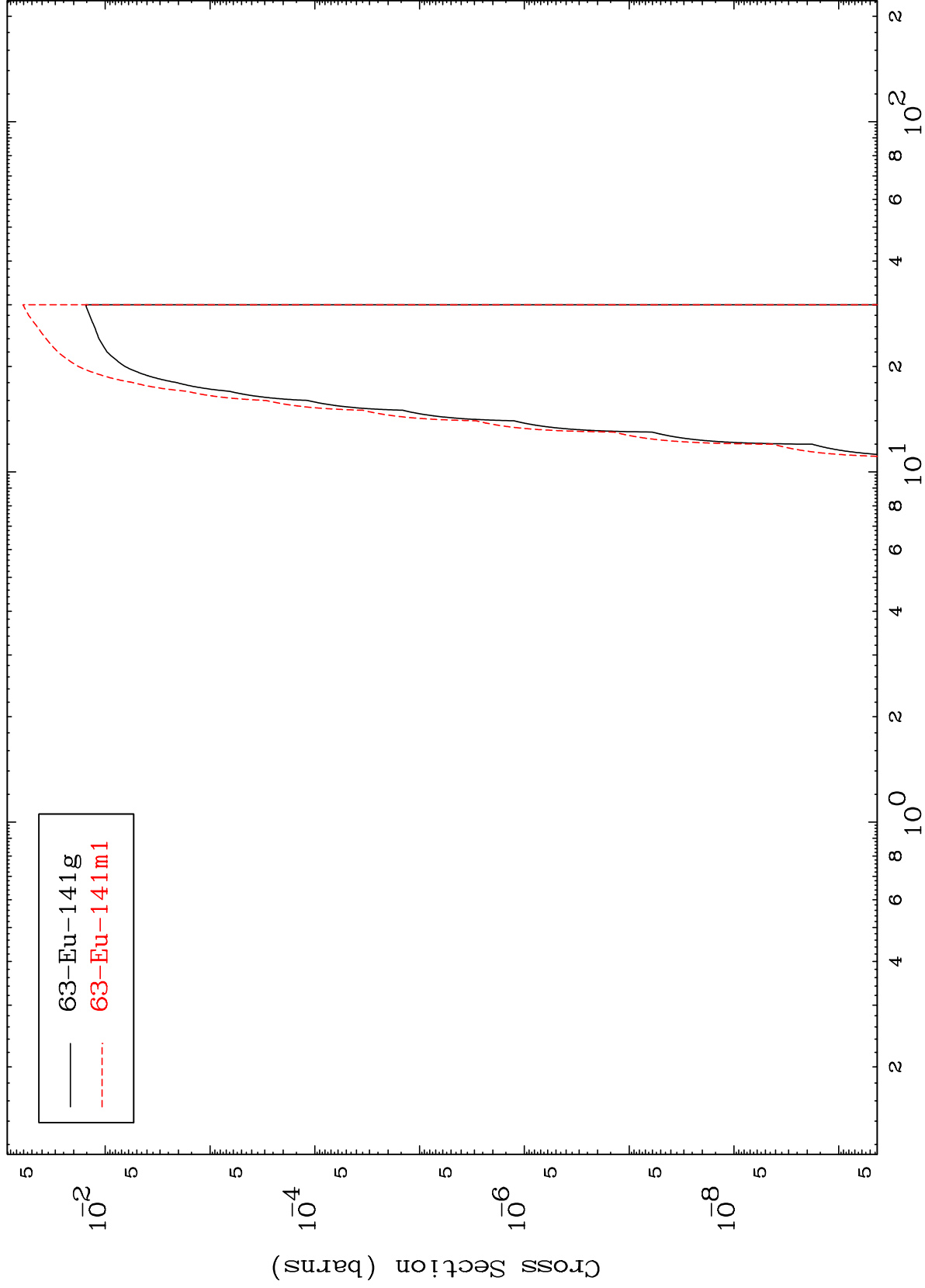
63-Eu-141



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63-Eu-141

(n, α)
Radionuclide Production Cross Section



63-Eu-141

Incident Energy (MeV)

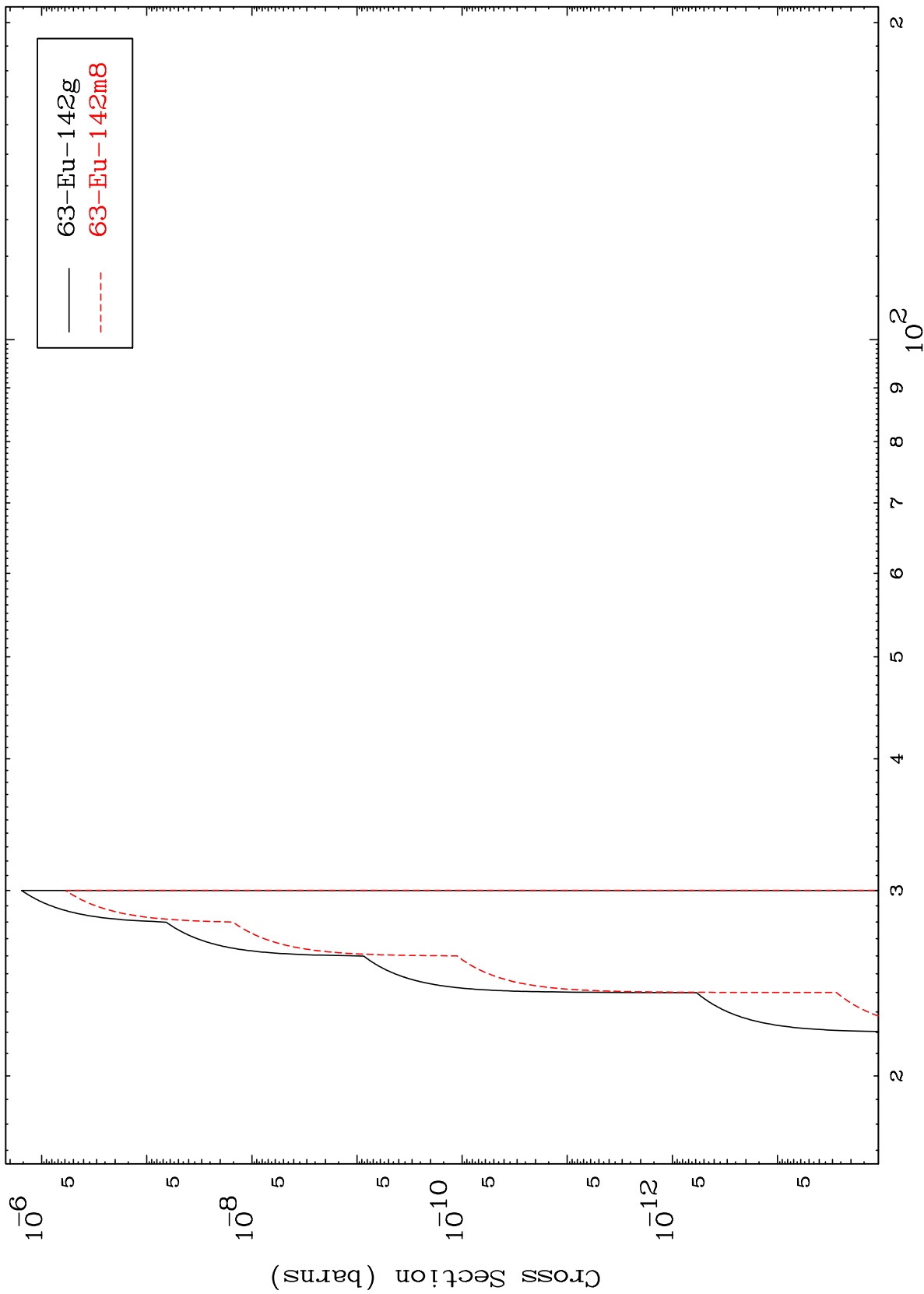
18

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(n,p) d

63-Eu-141

Radionuclide Production Cross Section



19

Incident Energy (MeV)

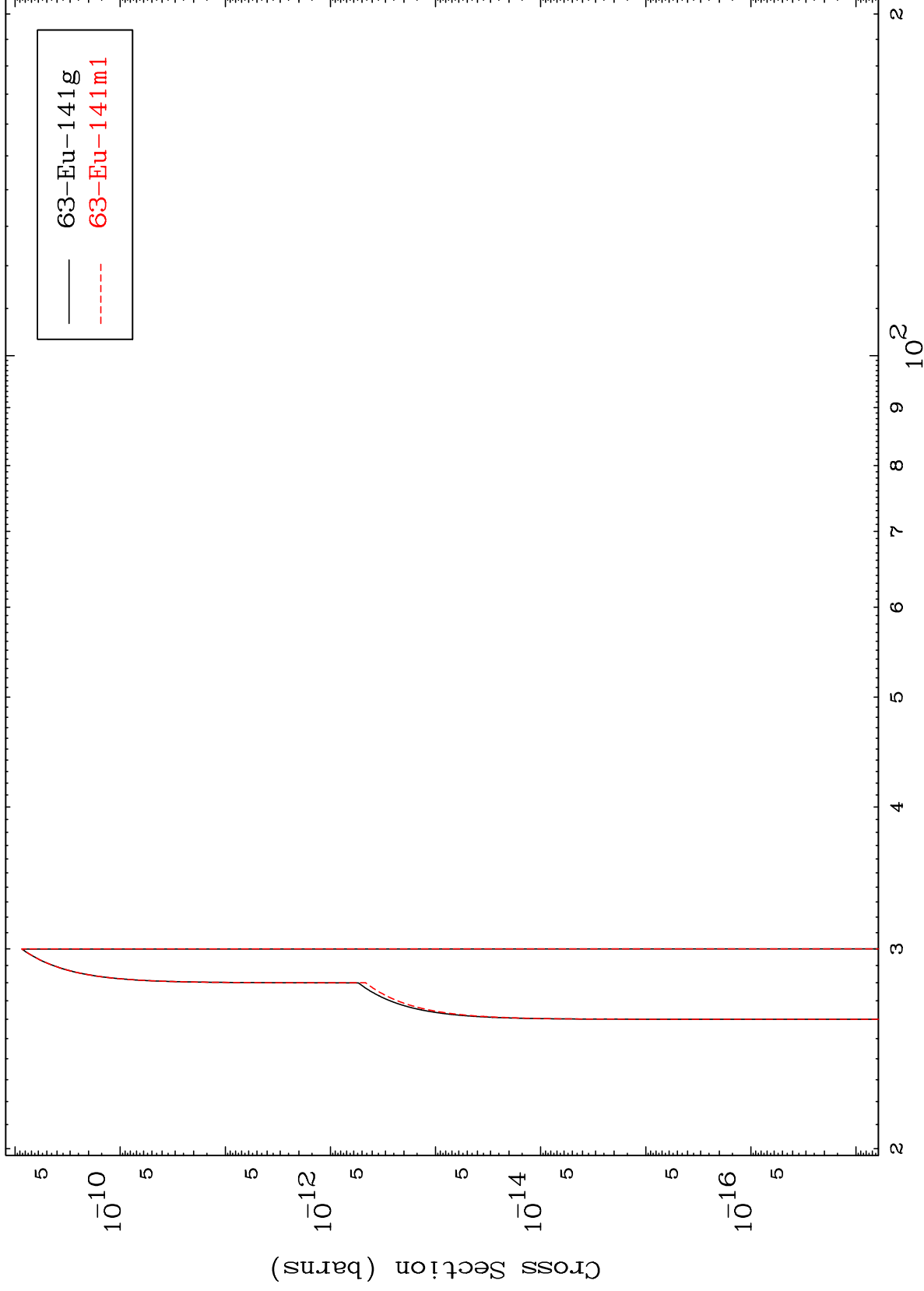
63-Eu-141

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(n,p) t

⁶³-Eu-141

Radionuclide Production Cross Section



20

Incident Energy (MeV)

⁶³-Eu-141

MAT 6295

(n,d) α

63-Eu-141

Radionuclide Production Cross Section

