

Program EVALPLOT
(Version 2021-1)

by

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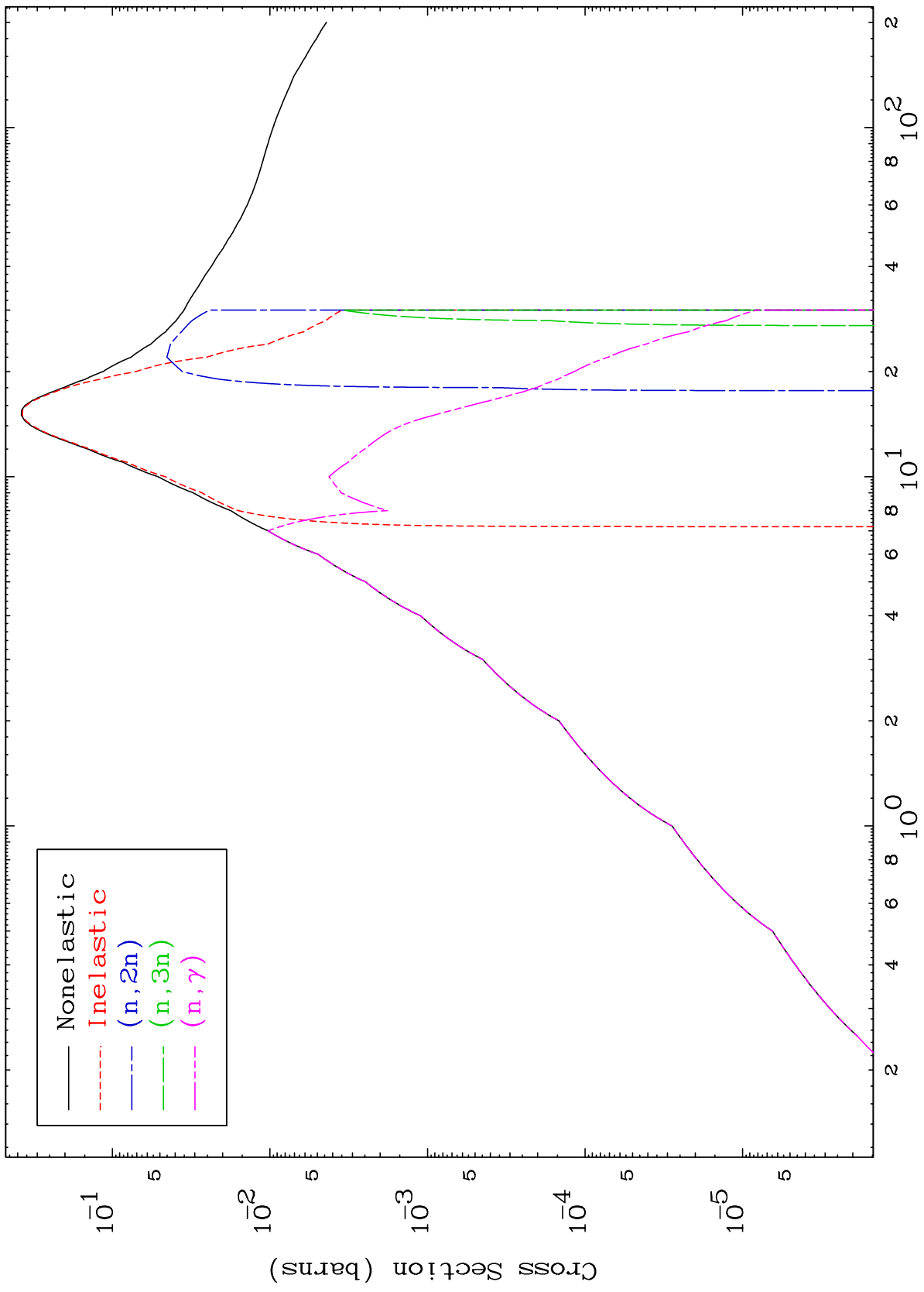
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

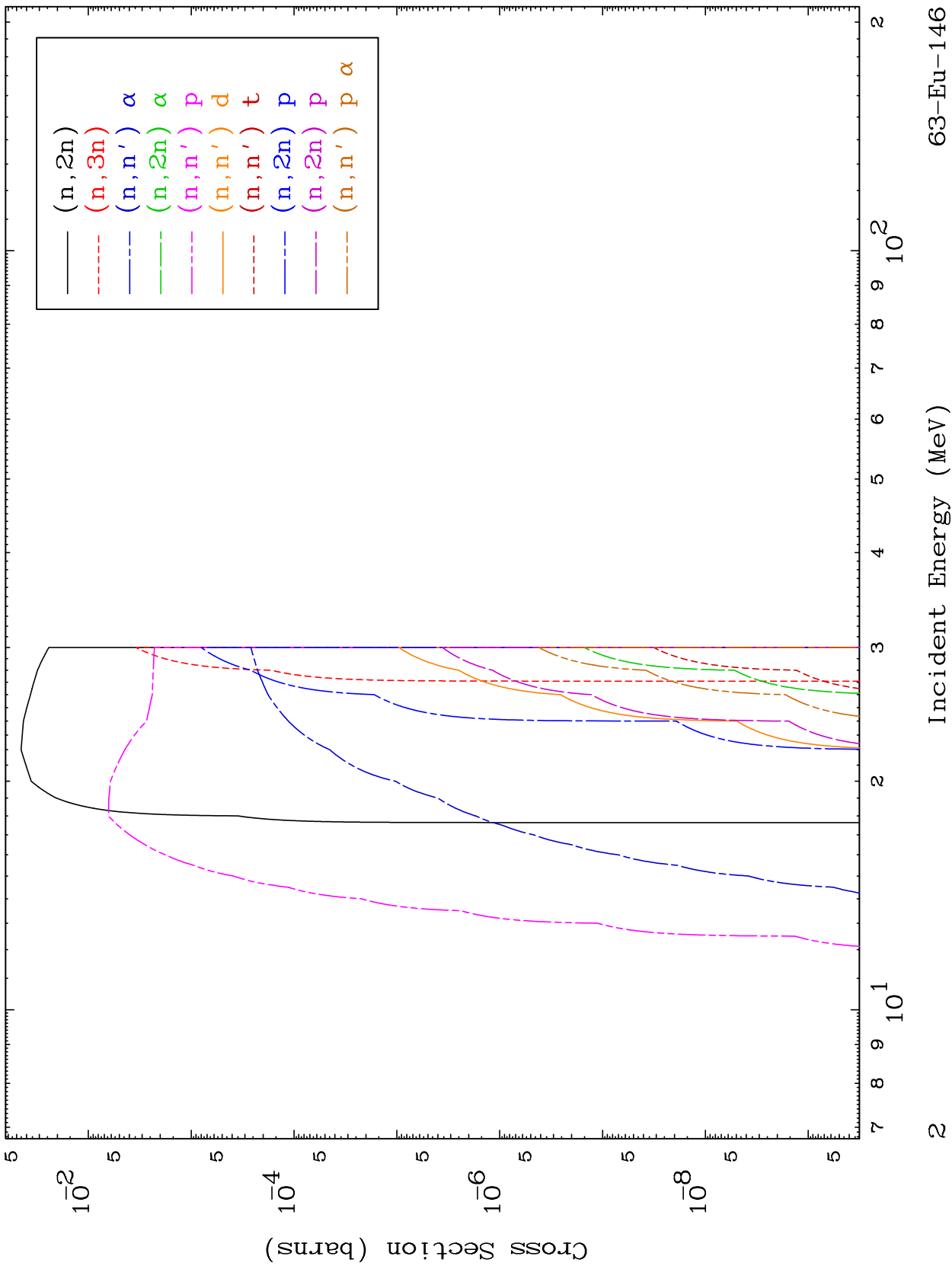
MAT 6310

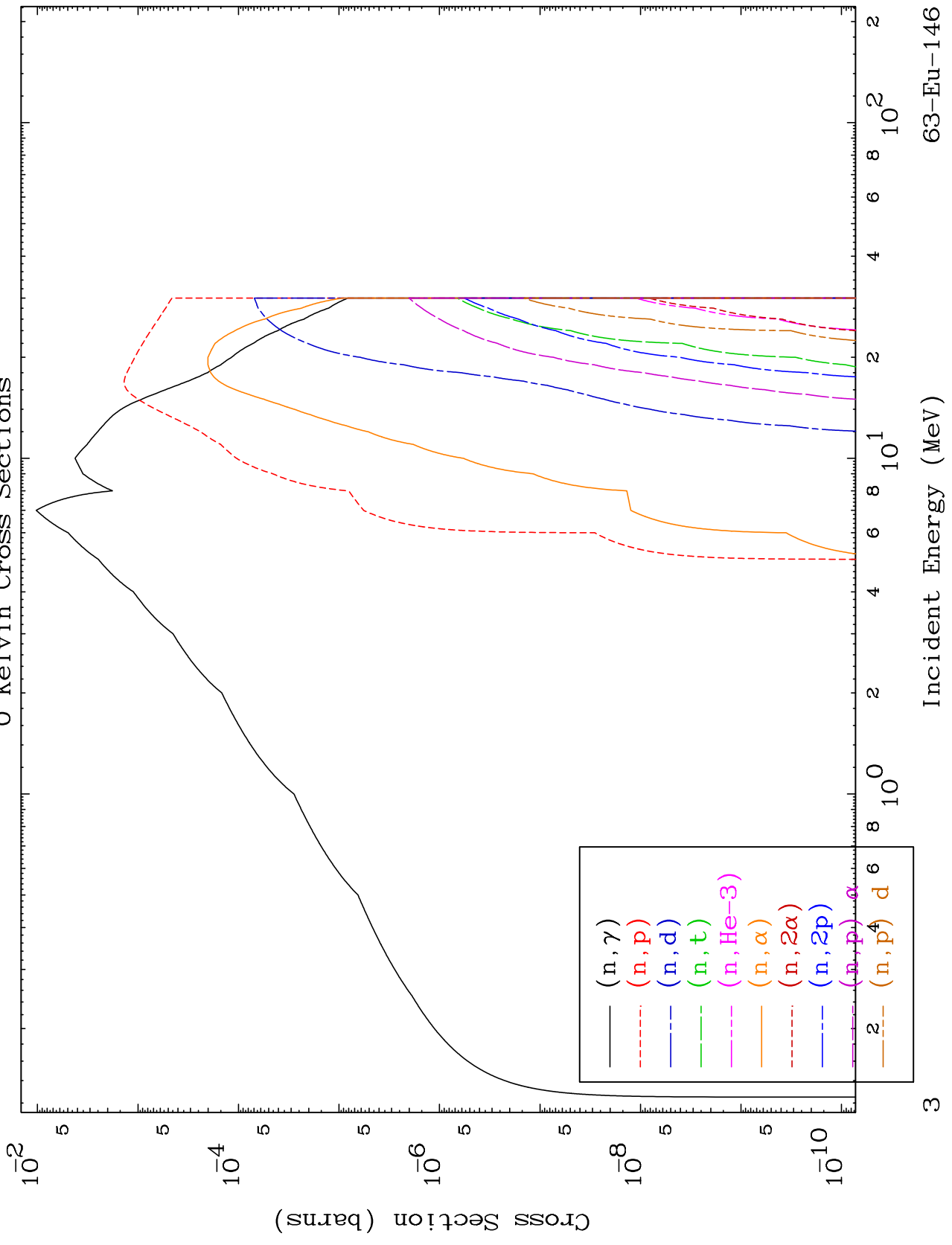
Photon Major
0 Kelvin Cross Sections

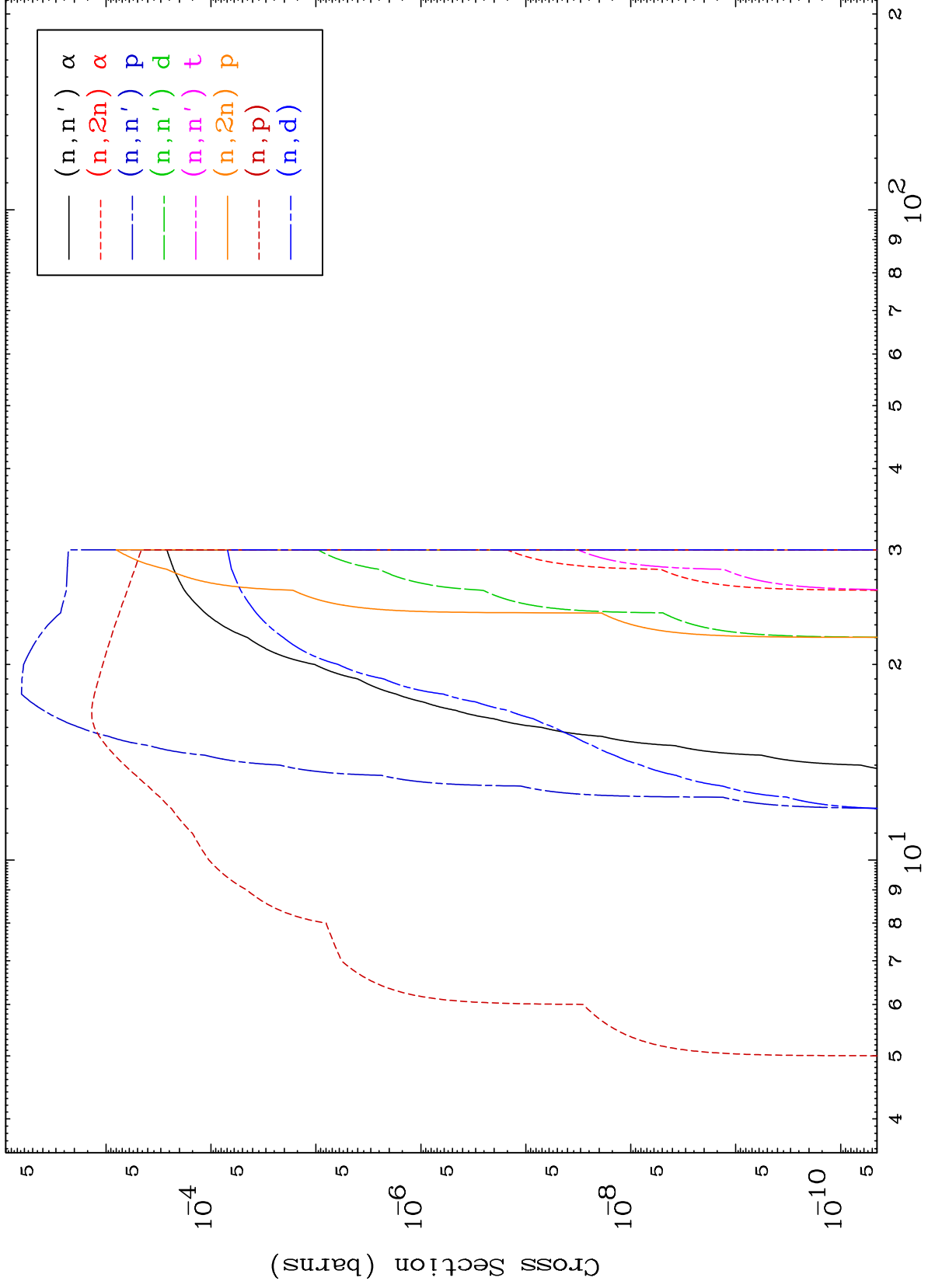
63-Eu-146



Legend:
— Nonelastic
- - - Inelastic
- · - (n, 2n)
- - - (n, 3n)
- - - (n, γ)



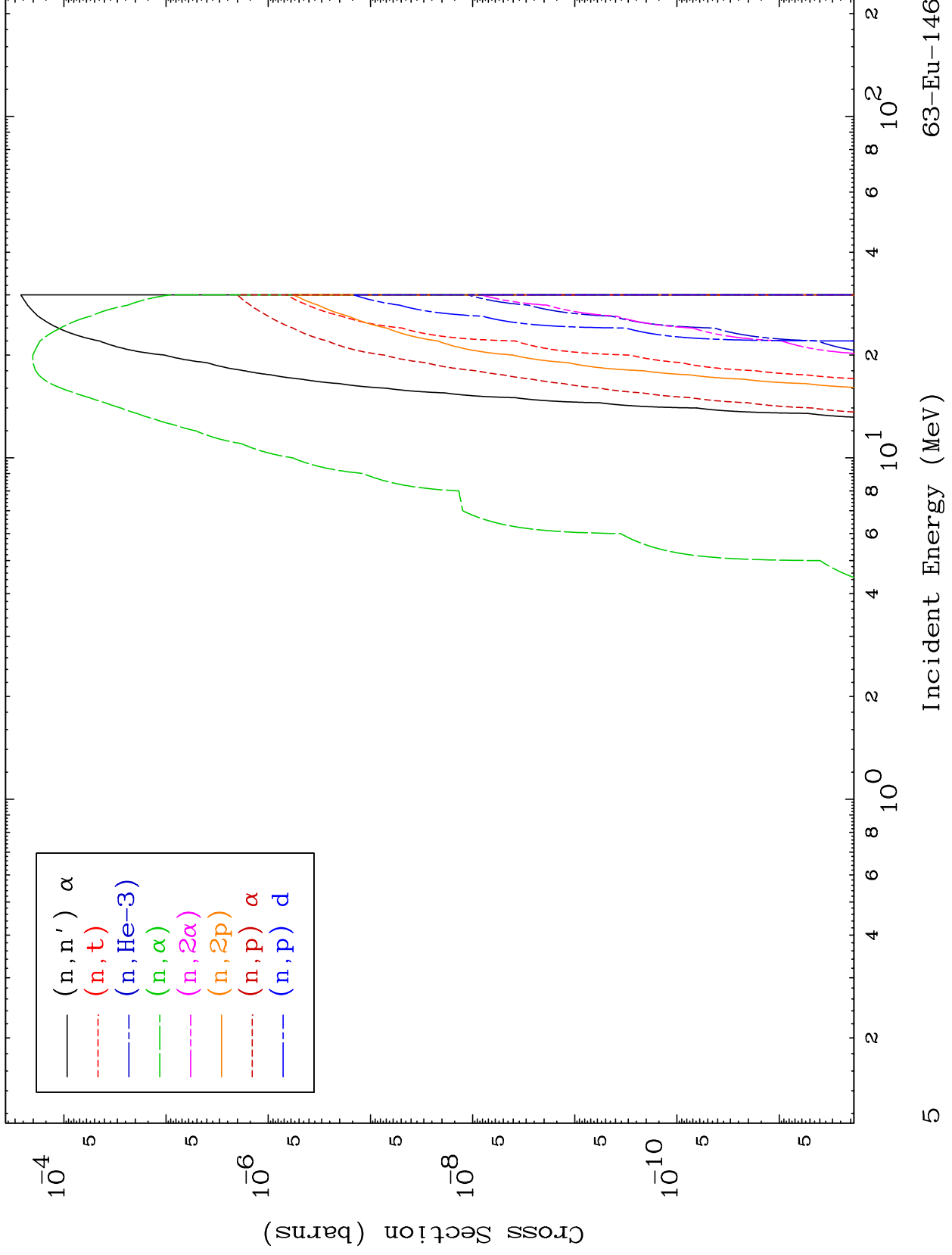




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Photon Charged Particle
0 Kelvin Cross Sections

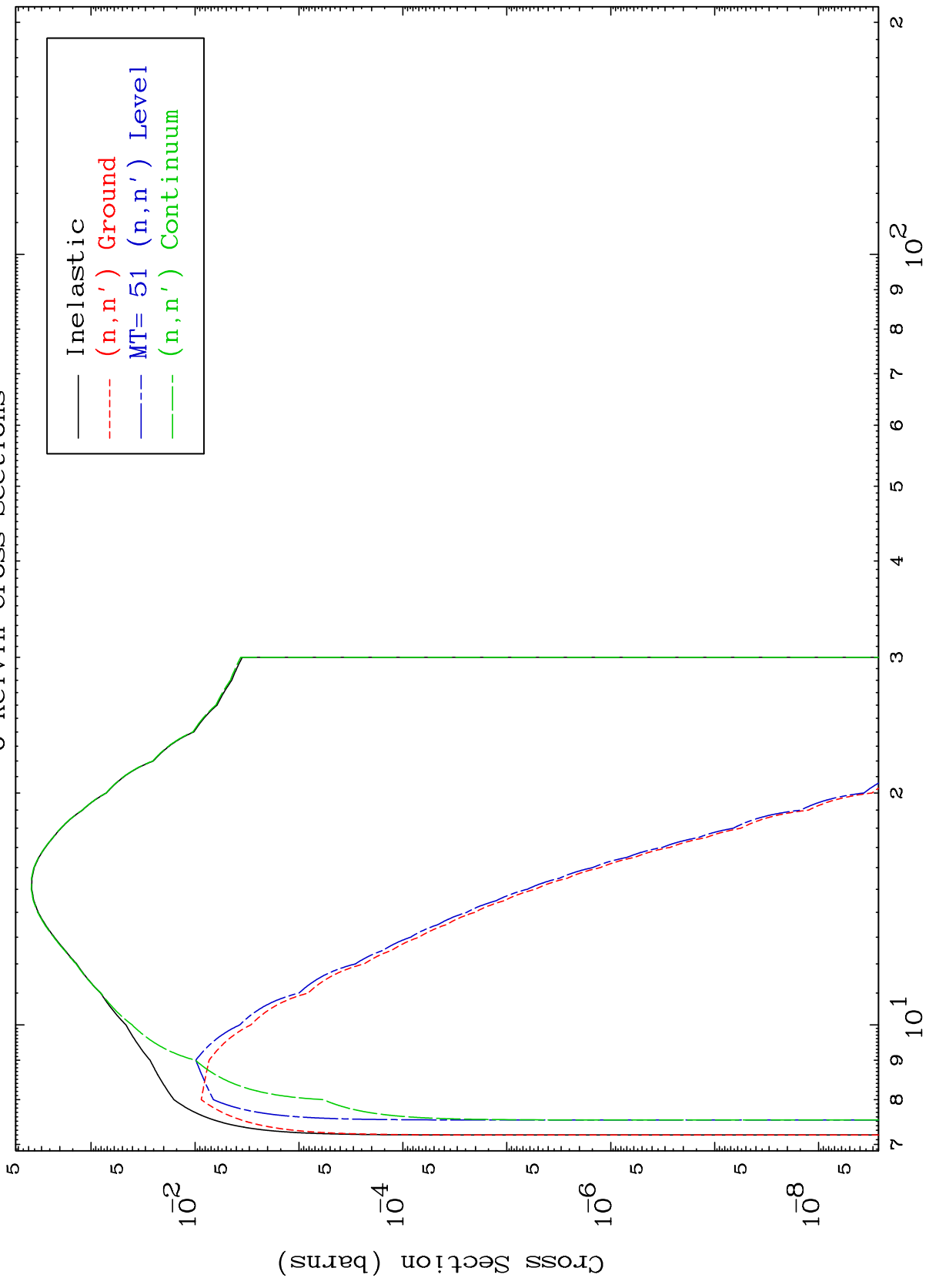
63-Eu-146



MAT 6310

63-Eu-146

(γ, n') Levels
0 Kelvin Cross Sections



63-Eu-146

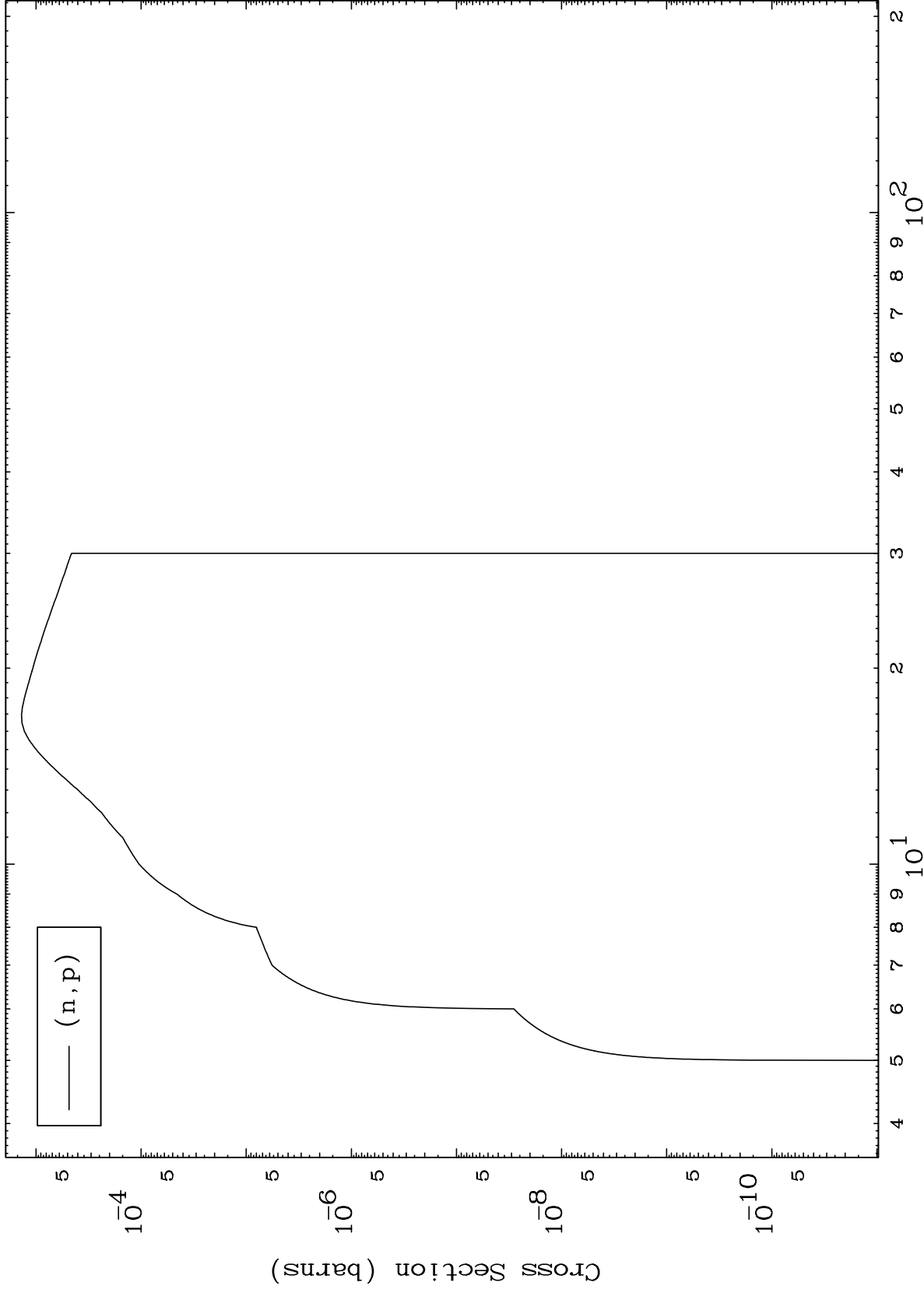
Incident Energy (MeV)

6

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(γ, p) Levels
0 Kelvin Cross Sections

63-Eu-146



7

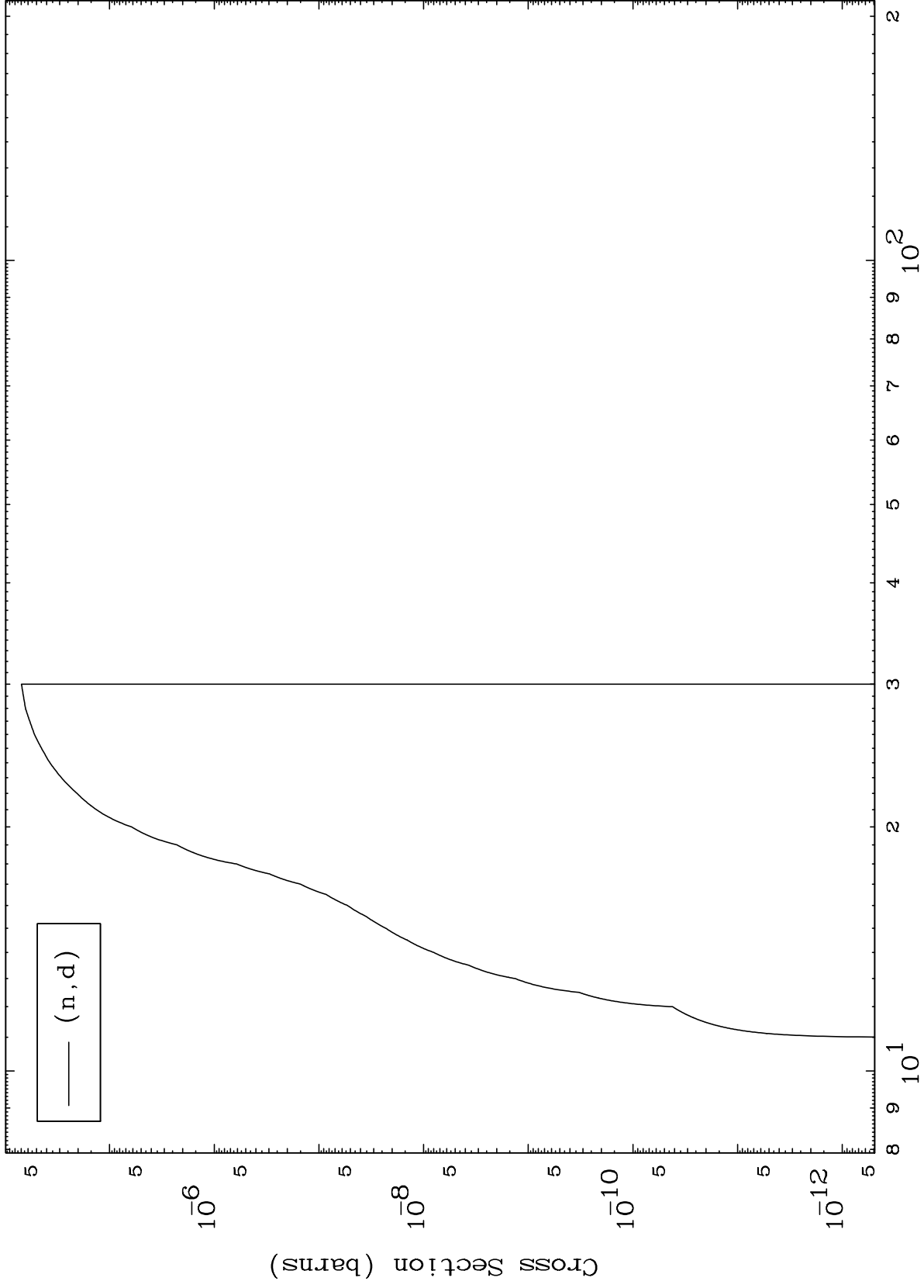
Incident Energy (MeV)

63-Eu-146

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(γ, d) Levels
0 Kelvin Cross Sections

63-Eu-146

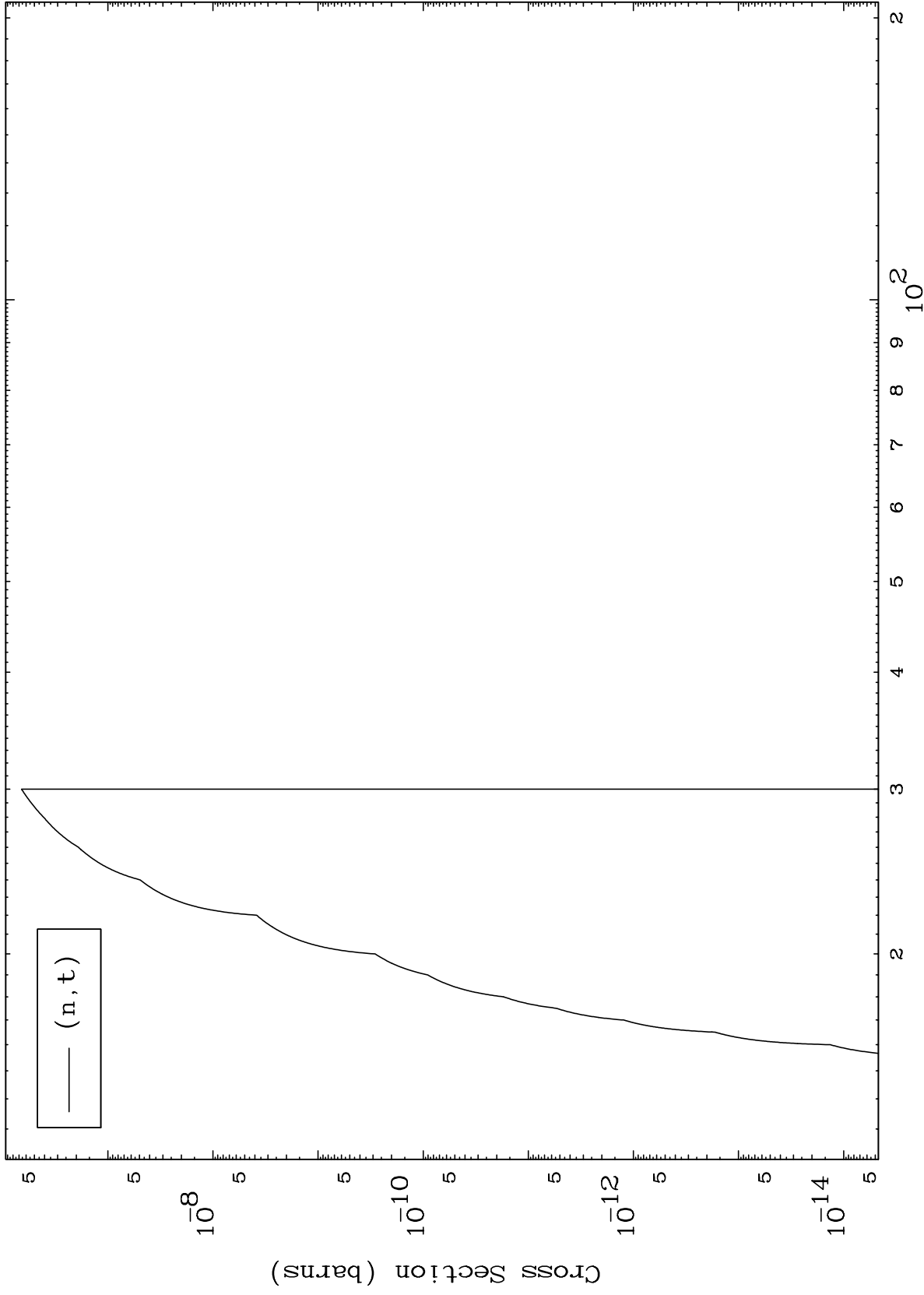


(n, d)

8

Incident Energy (MeV)

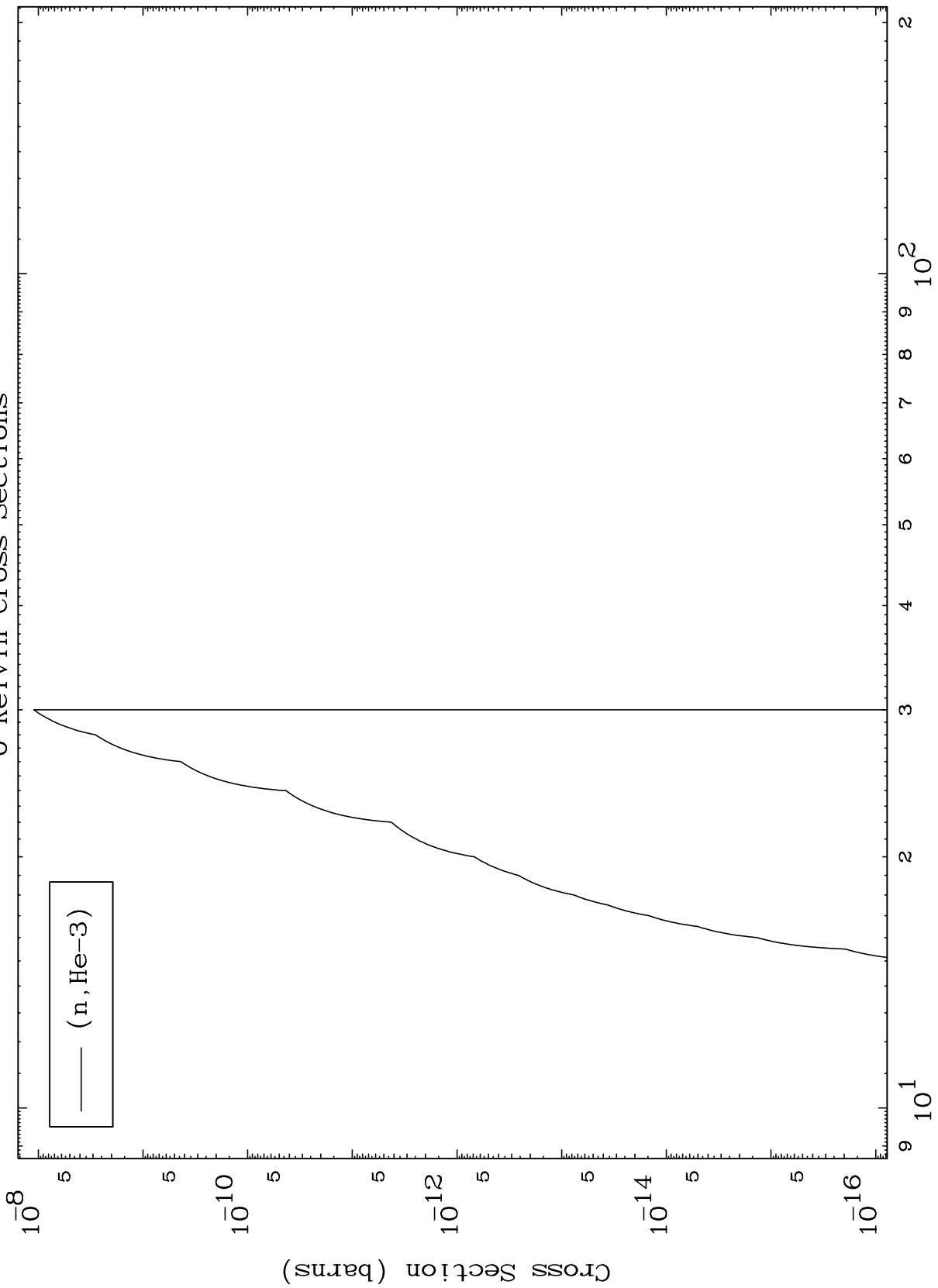
63-Eu-146



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63-Eu-146

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



(n, He-3)

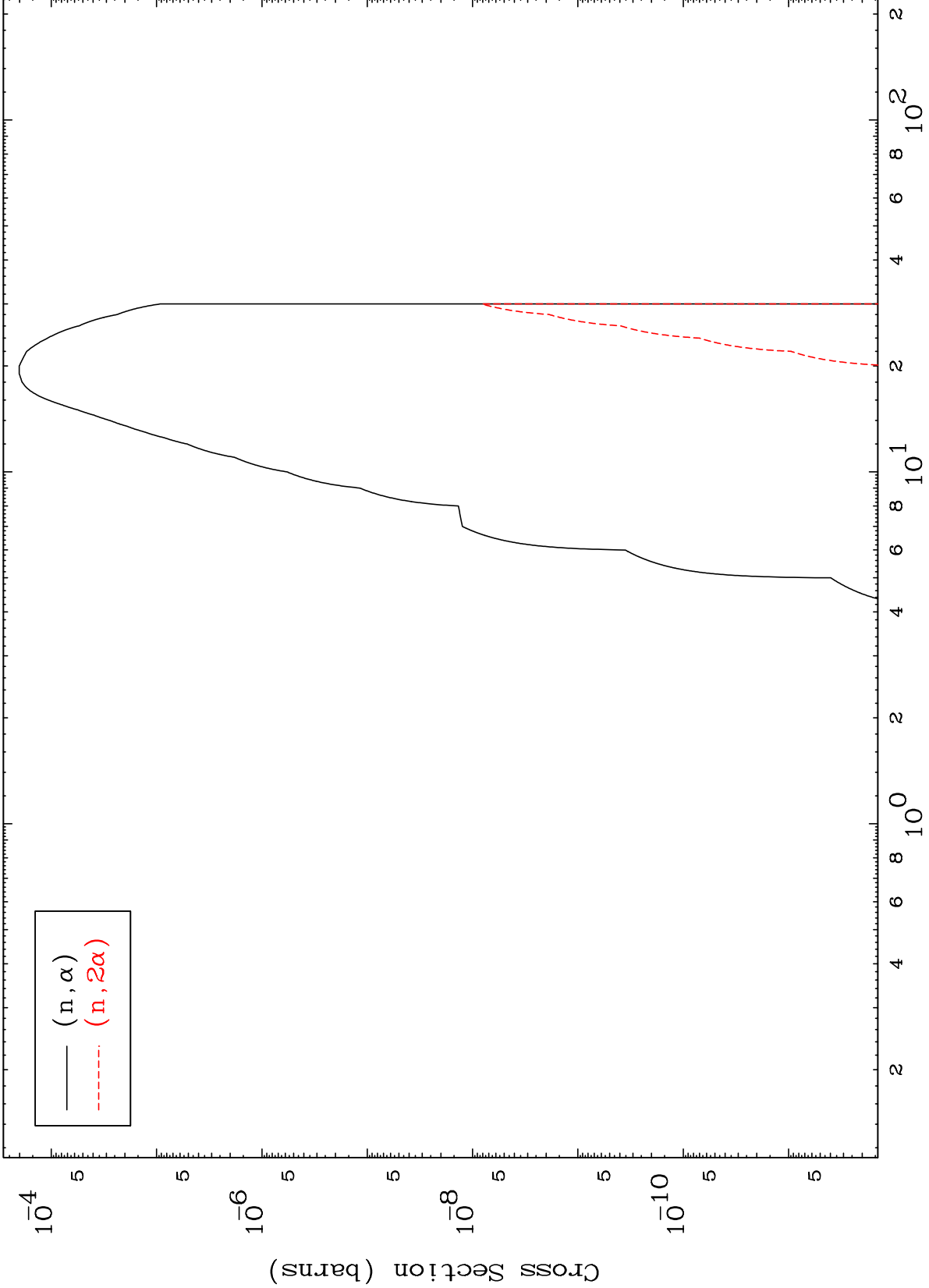
63-Eu-146

Incident Energy (MeV)

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(γ, α) Levels
0 Kelvin Cross Sections

63-Eu-146

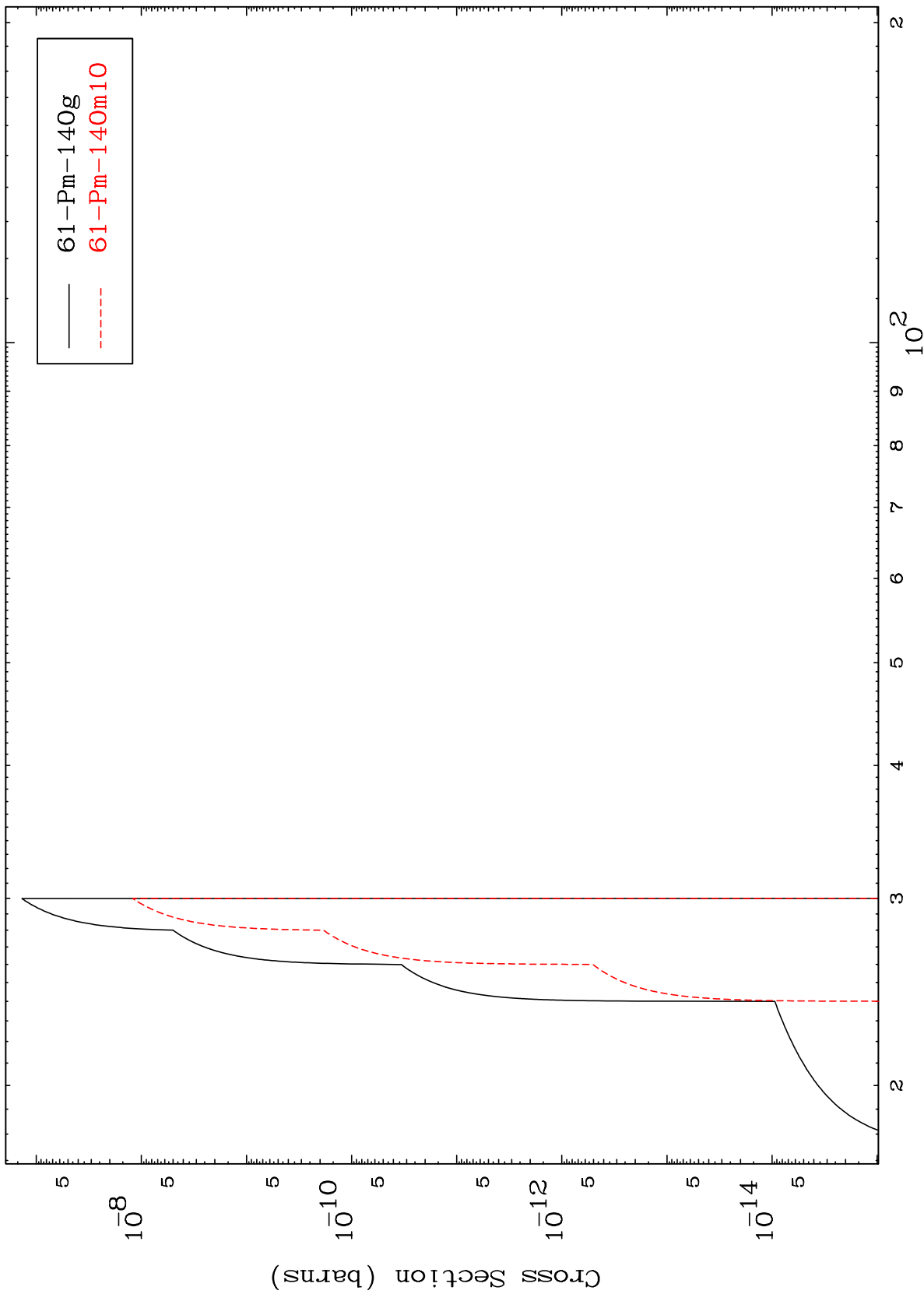


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$(n,2n) \alpha$

63-Eu-146

Radionuclide Production Cross Section

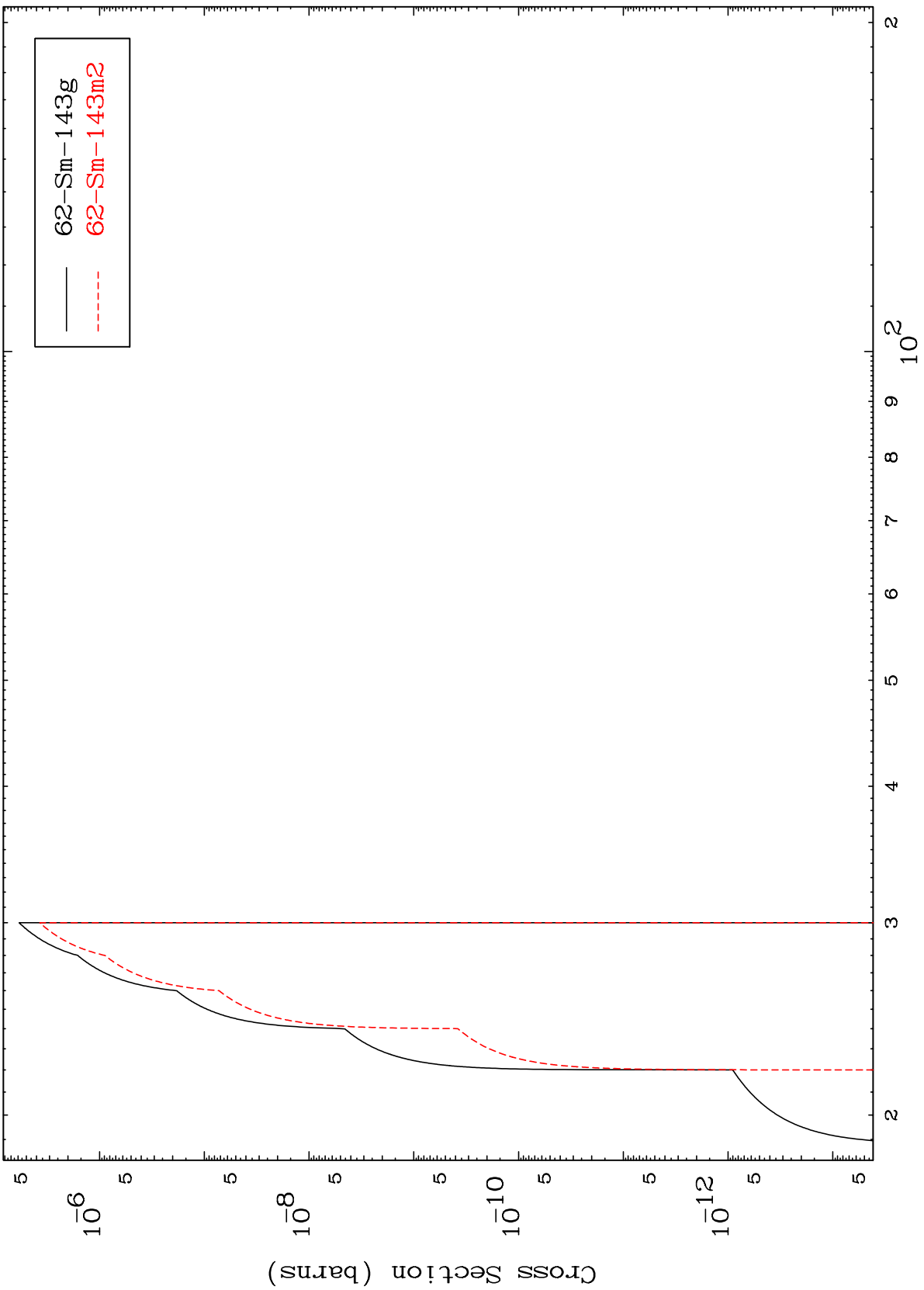


12

Incident Energy (MeV)

63-Eu-146

(n, n') d
Radionuclide Production Cross Section



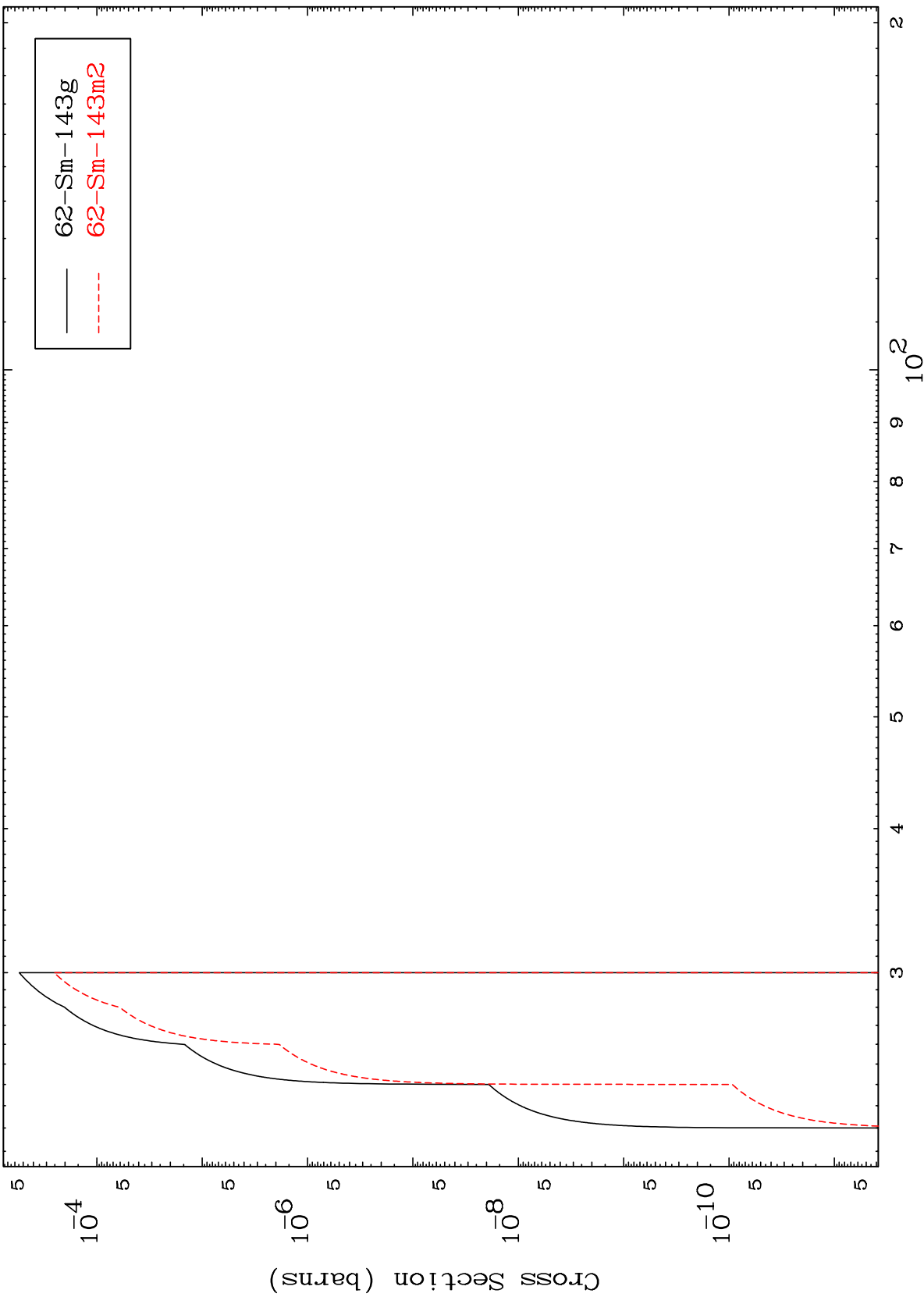
62-Sm-143g
62-Sm-143m2

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(n,2n) p

63-Eu-146

Radionuclide Production Cross Section



14

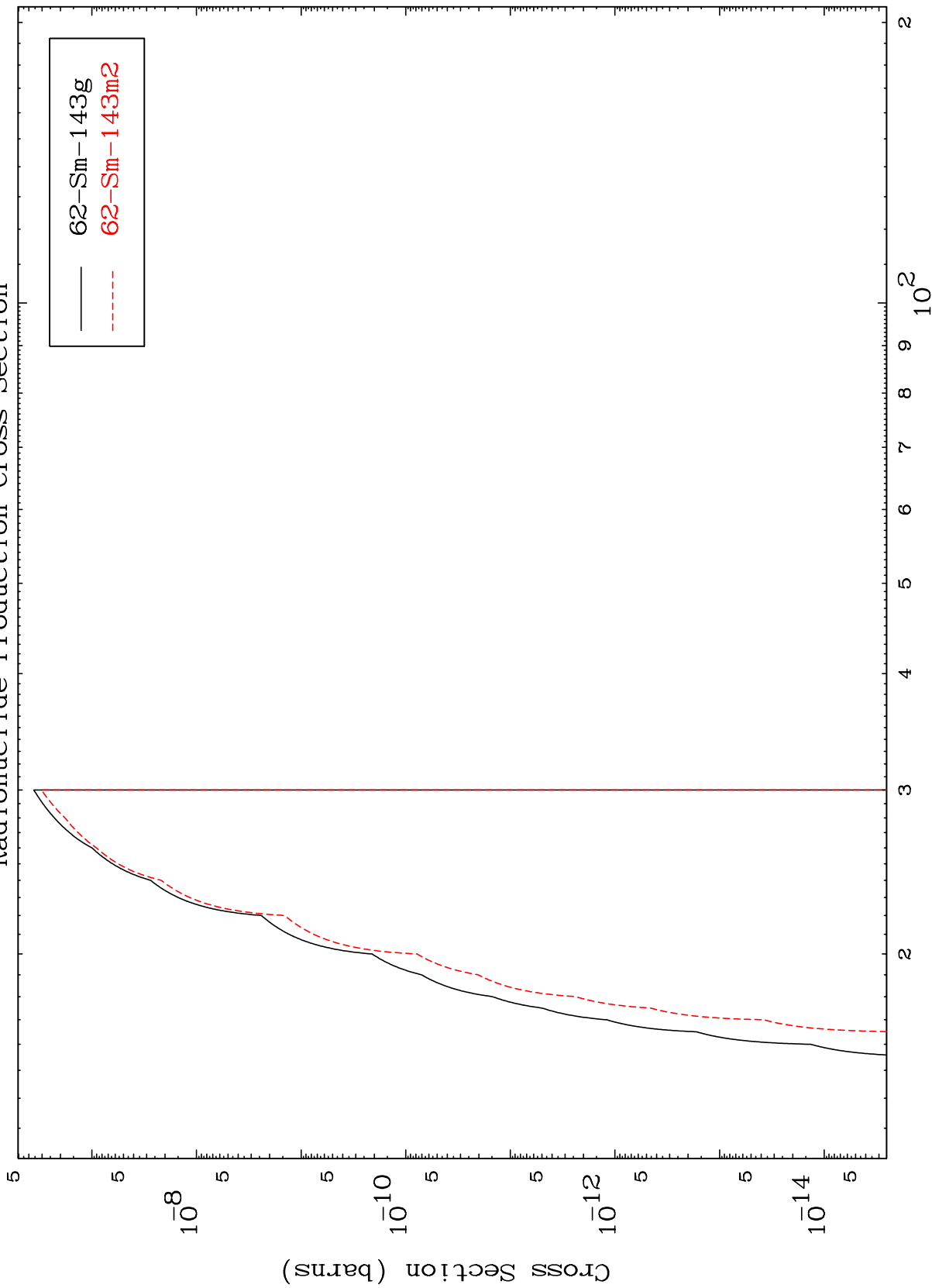
Incident Energy (MeV)

63-Eu-146

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63-Eu-146

(n,t)
Radionuclide Production Cross Section



15

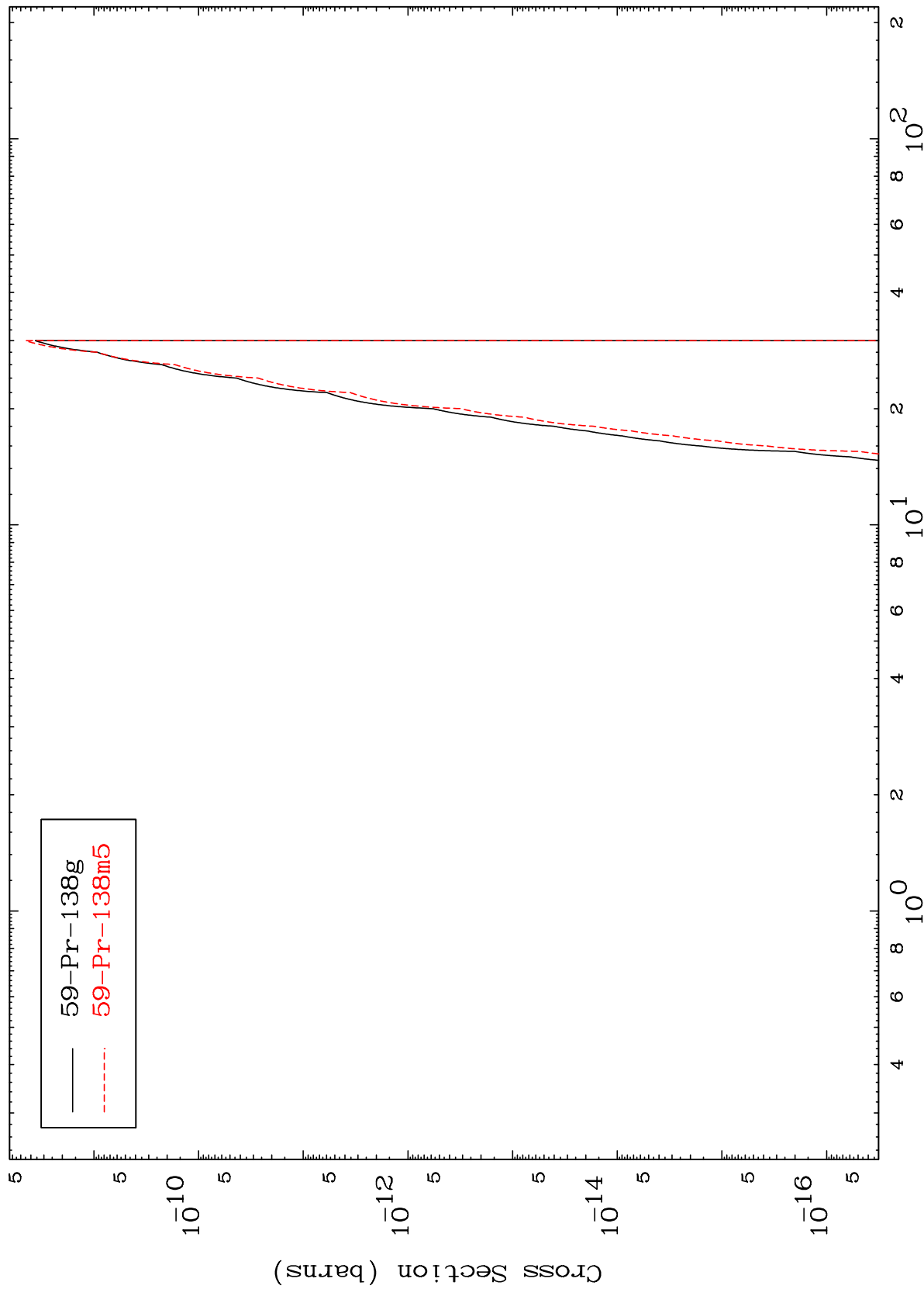
Incident Energy (MeV)

63-Eu-146

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63-Eu-146

(n,2α)
Radionuclide Production Cross Section



16

63-Eu-146

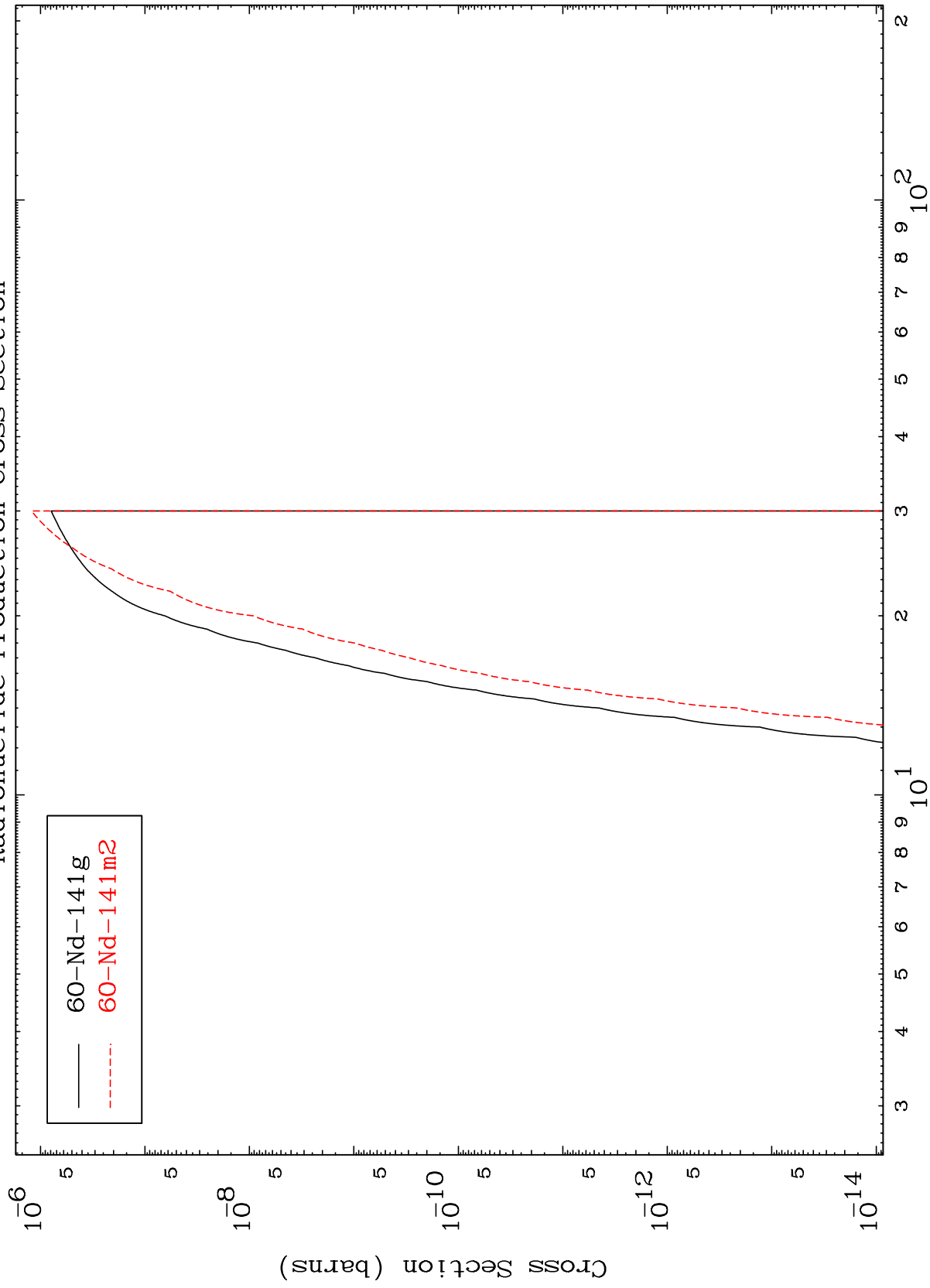
Incident Energy (MeV)

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(n,p) α

63-Eu-146

Radionuclide Production Cross Section



17

Incident Energy (MeV)

63-Eu-146