

Program EVALPLOT
(Version 2021-1)

by

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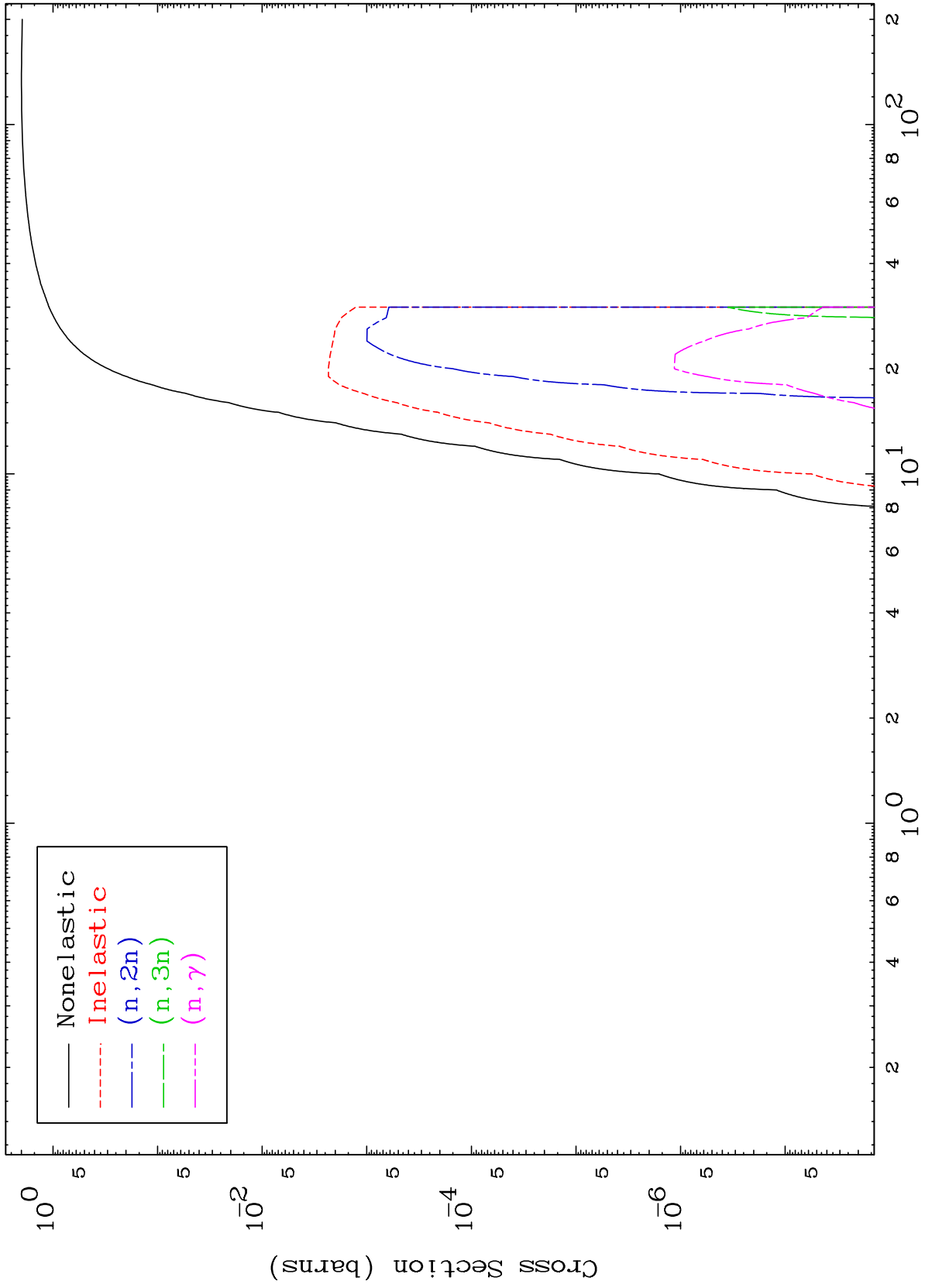
Press Mouse Button to Start

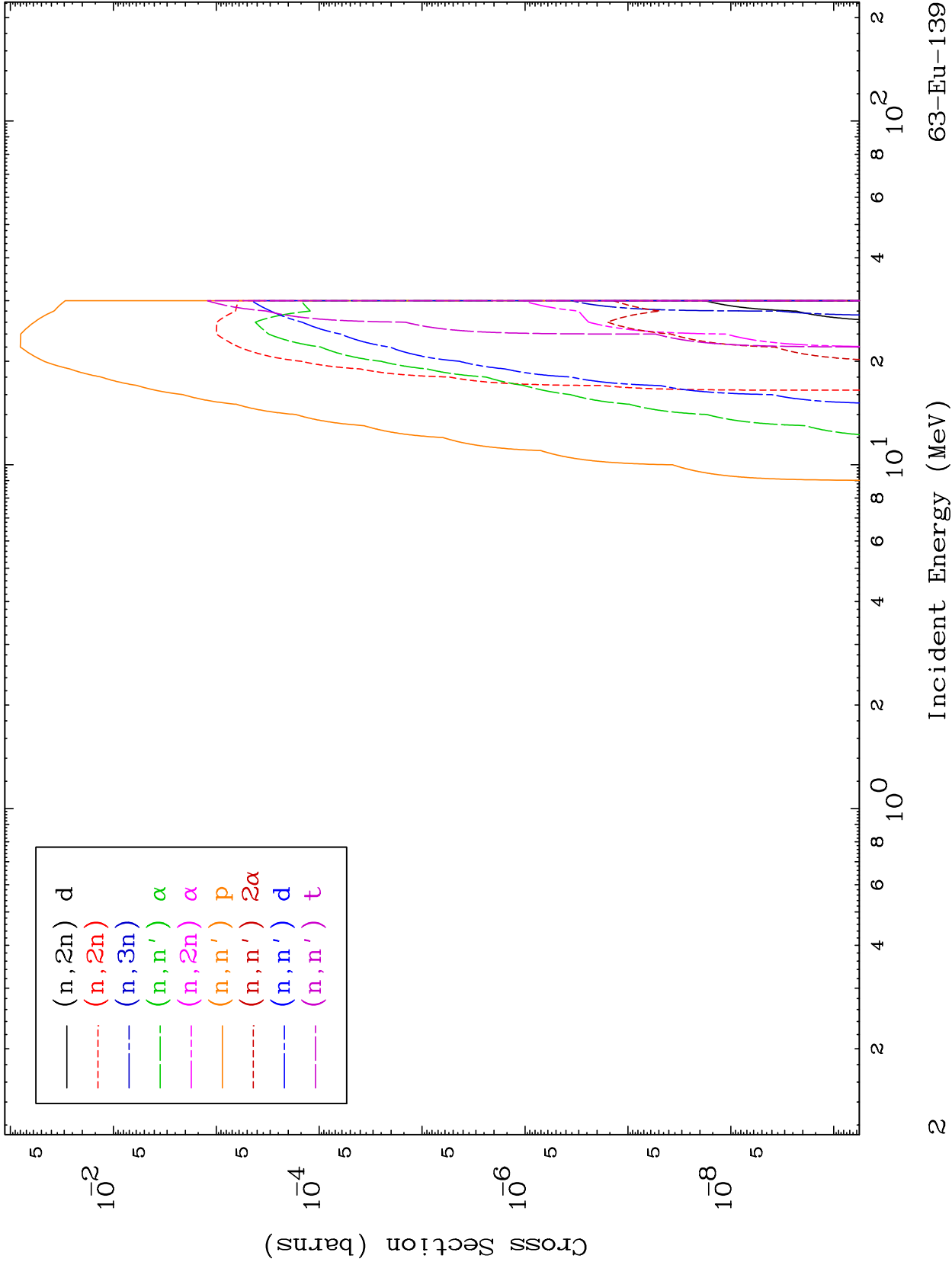
MAT 6289

He-3 Major

63-Eu-139

0 Kelvin Cross Sections

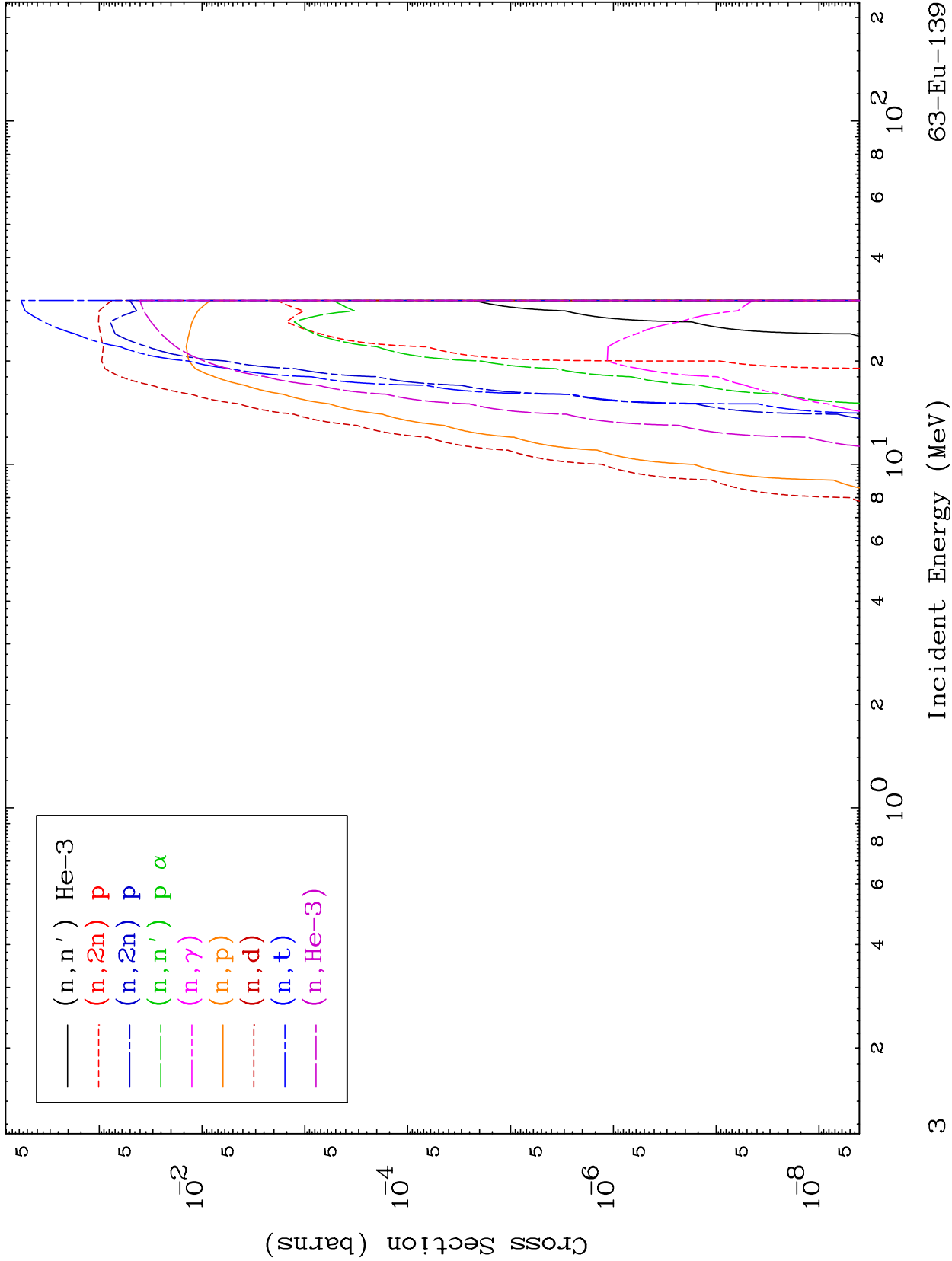




MAT 6289

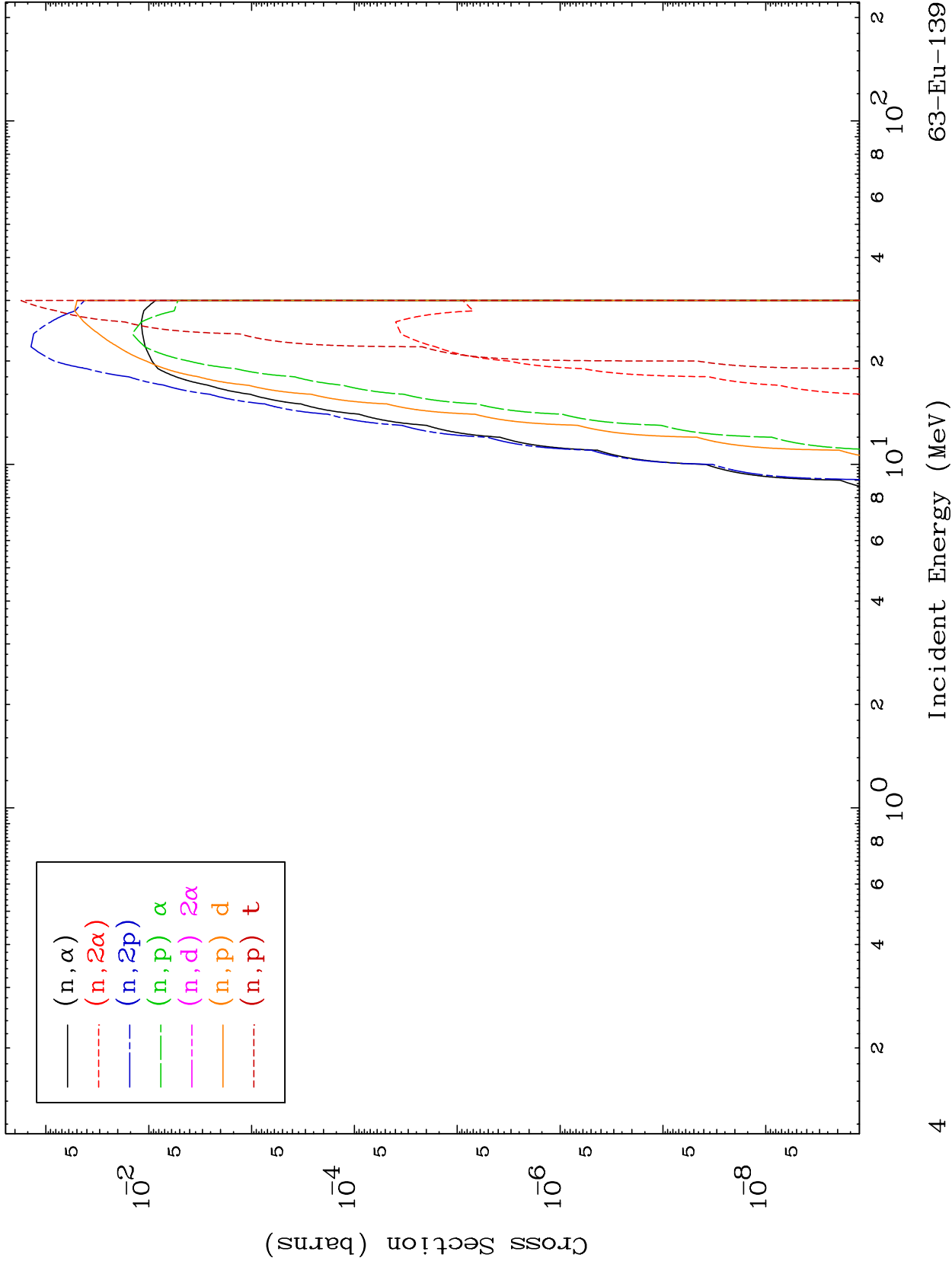
He-3 Neutron Absorption
0 Kelvin Cross Sections

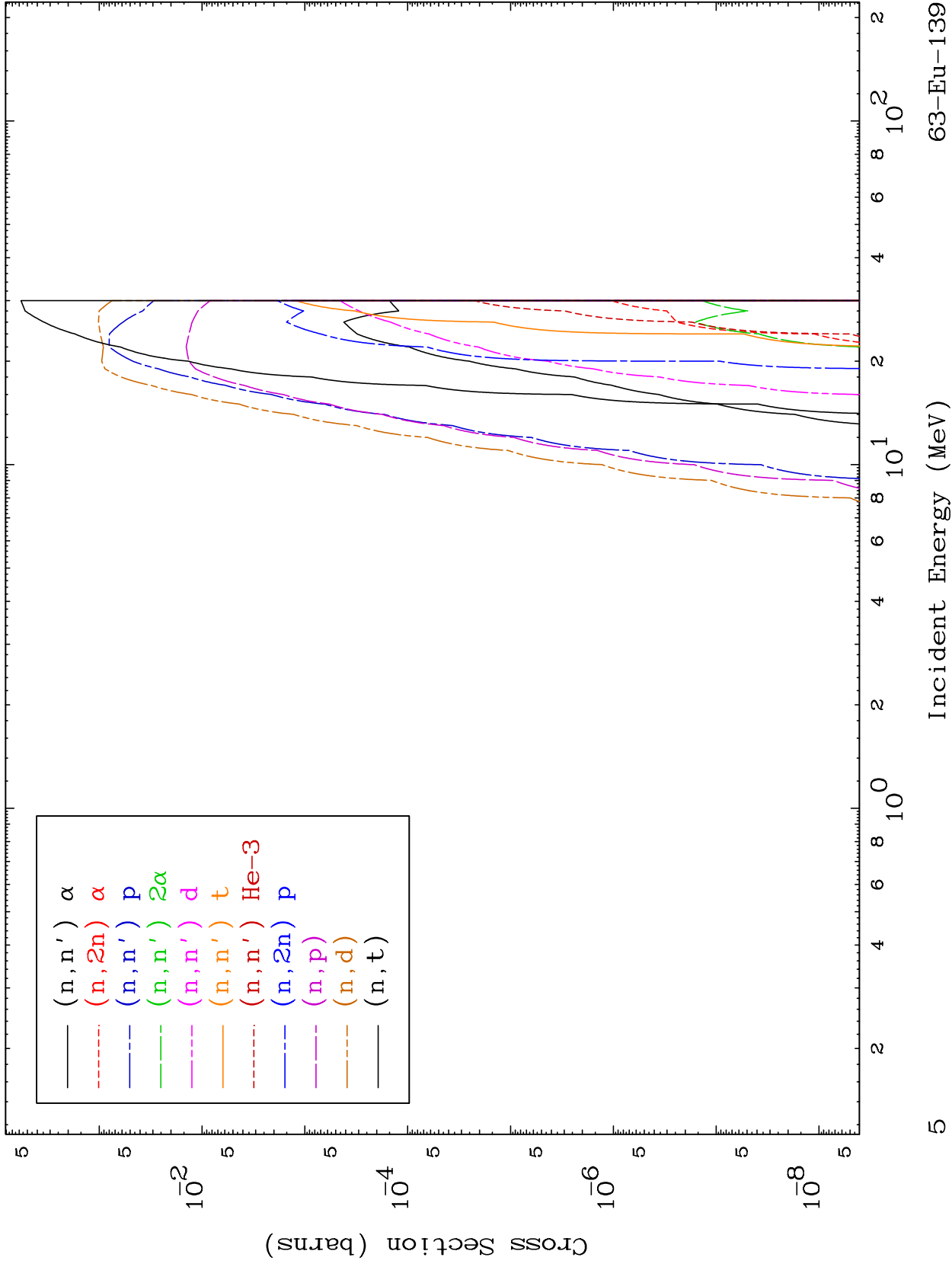
63-Eu-139

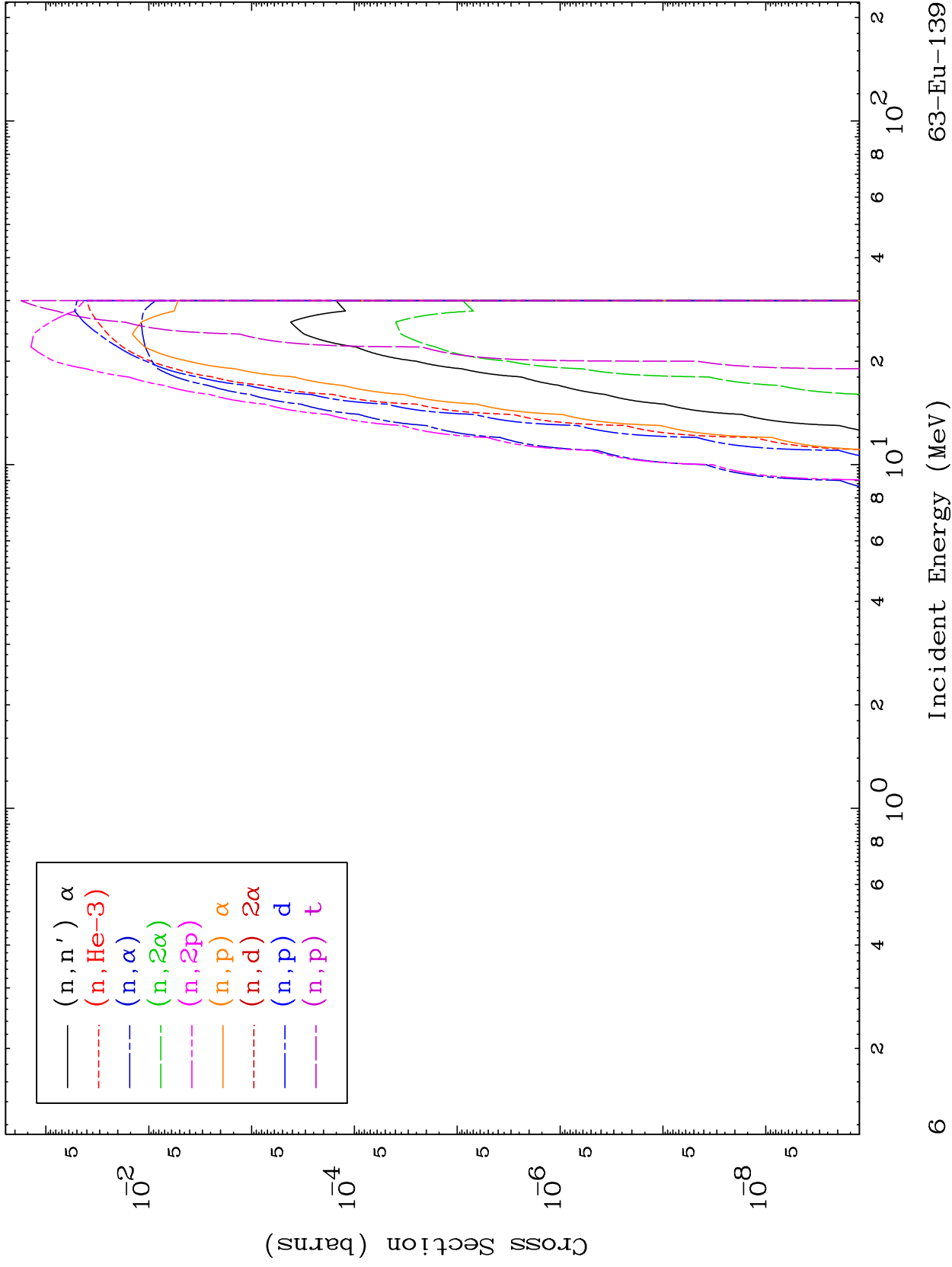


63-Eu-139

Incident Energy (MeV)





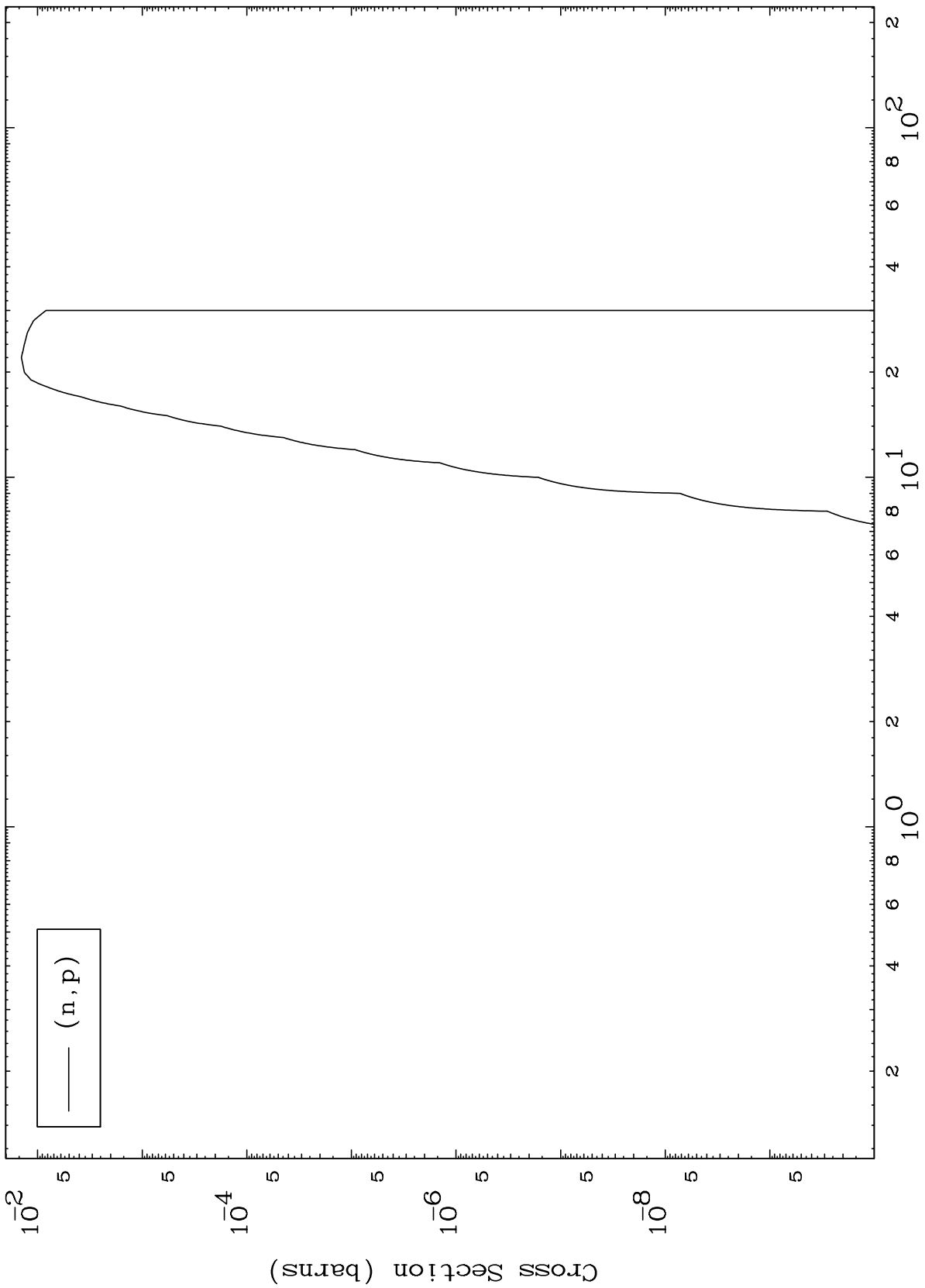


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(He-3,p) Levels

63-Eu-139

0 Kelvin Cross Sections

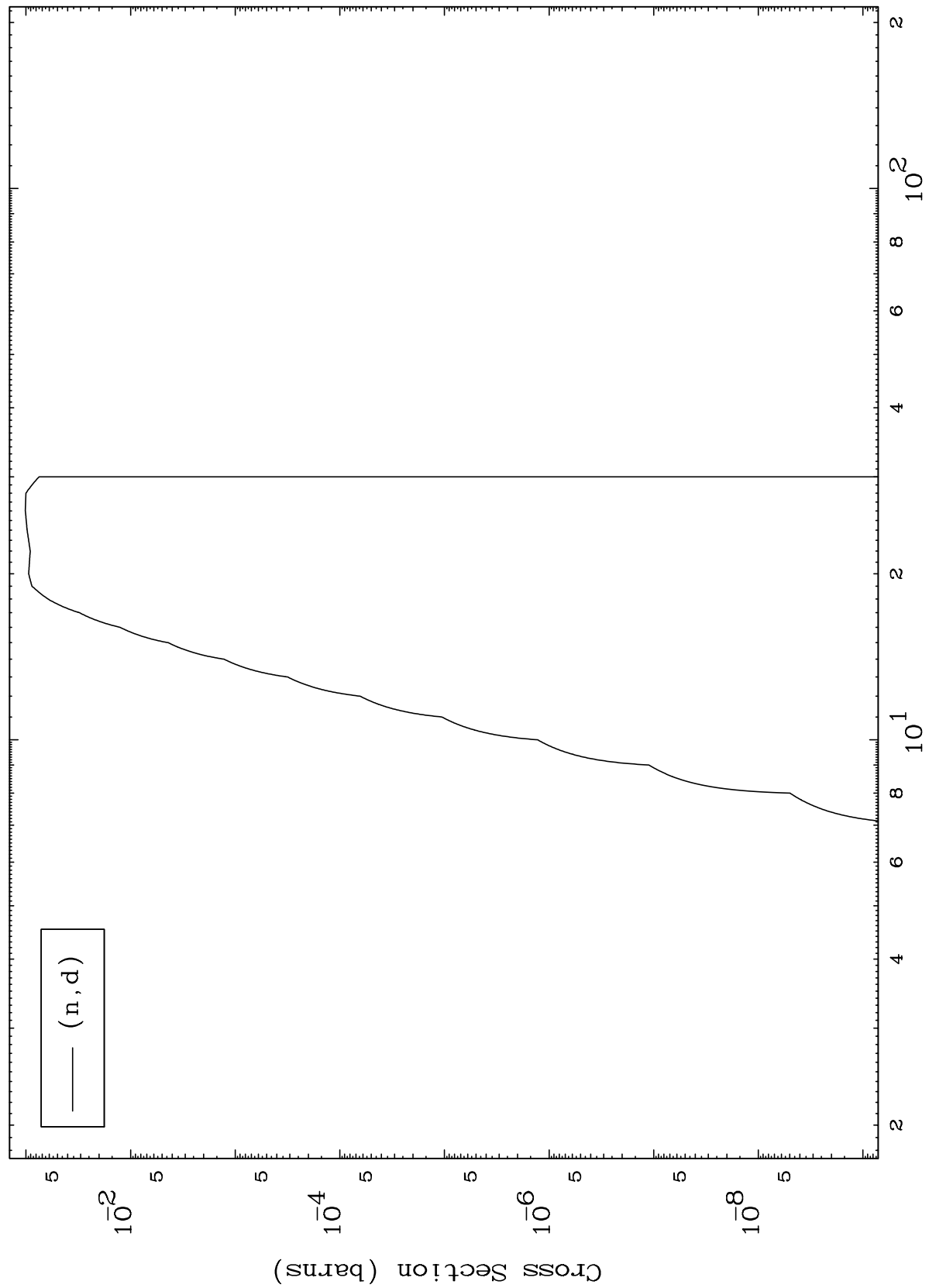


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(He-3,d) Levels

63-Eu-139

0 Kelvin Cross Sections



8

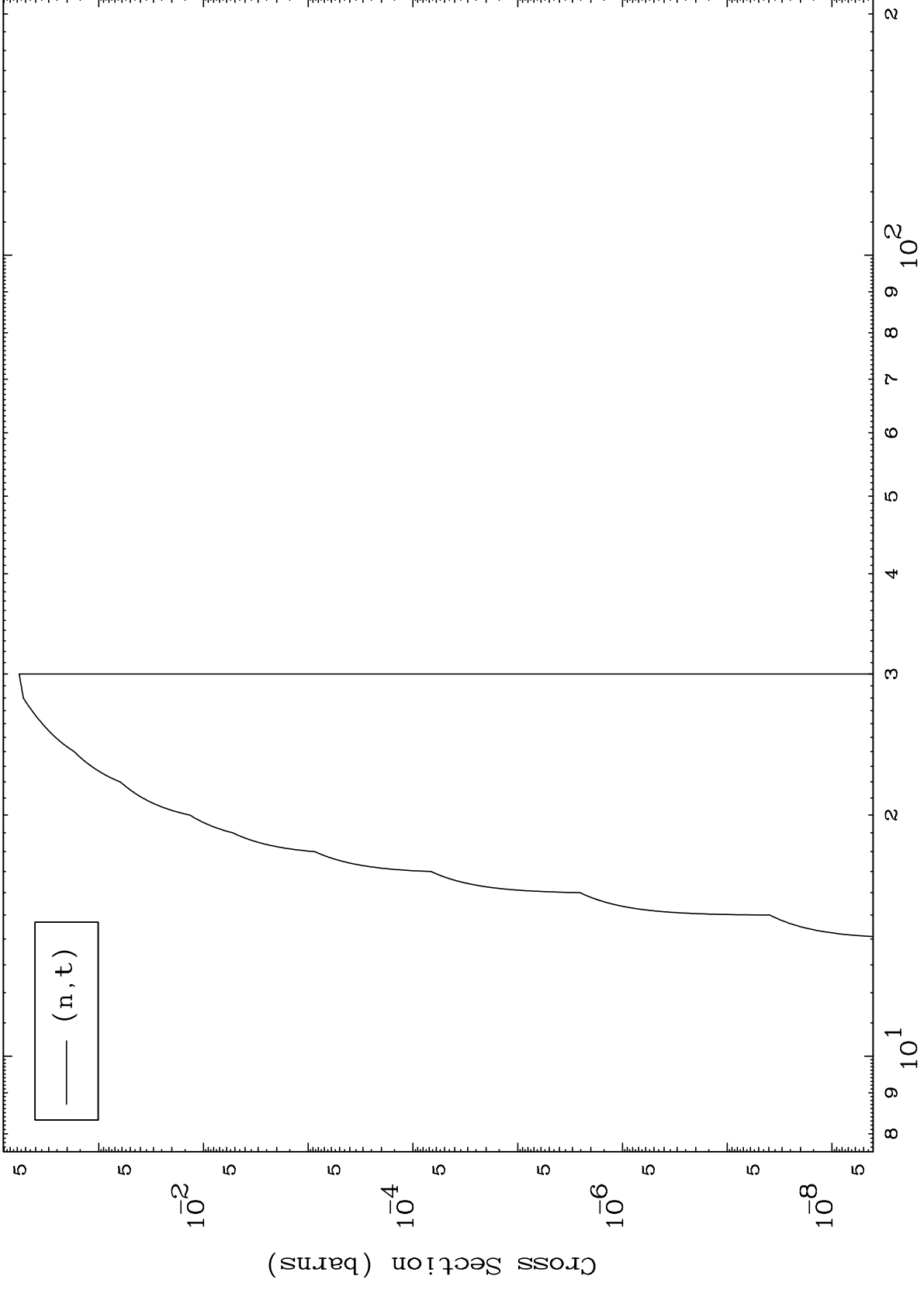
Incident Energy (MeV)

63-Eu-139

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(He-3,t) Levels
0 Kelvin Cross Sections

63-Eu-139



9

Incident Energy (MeV)

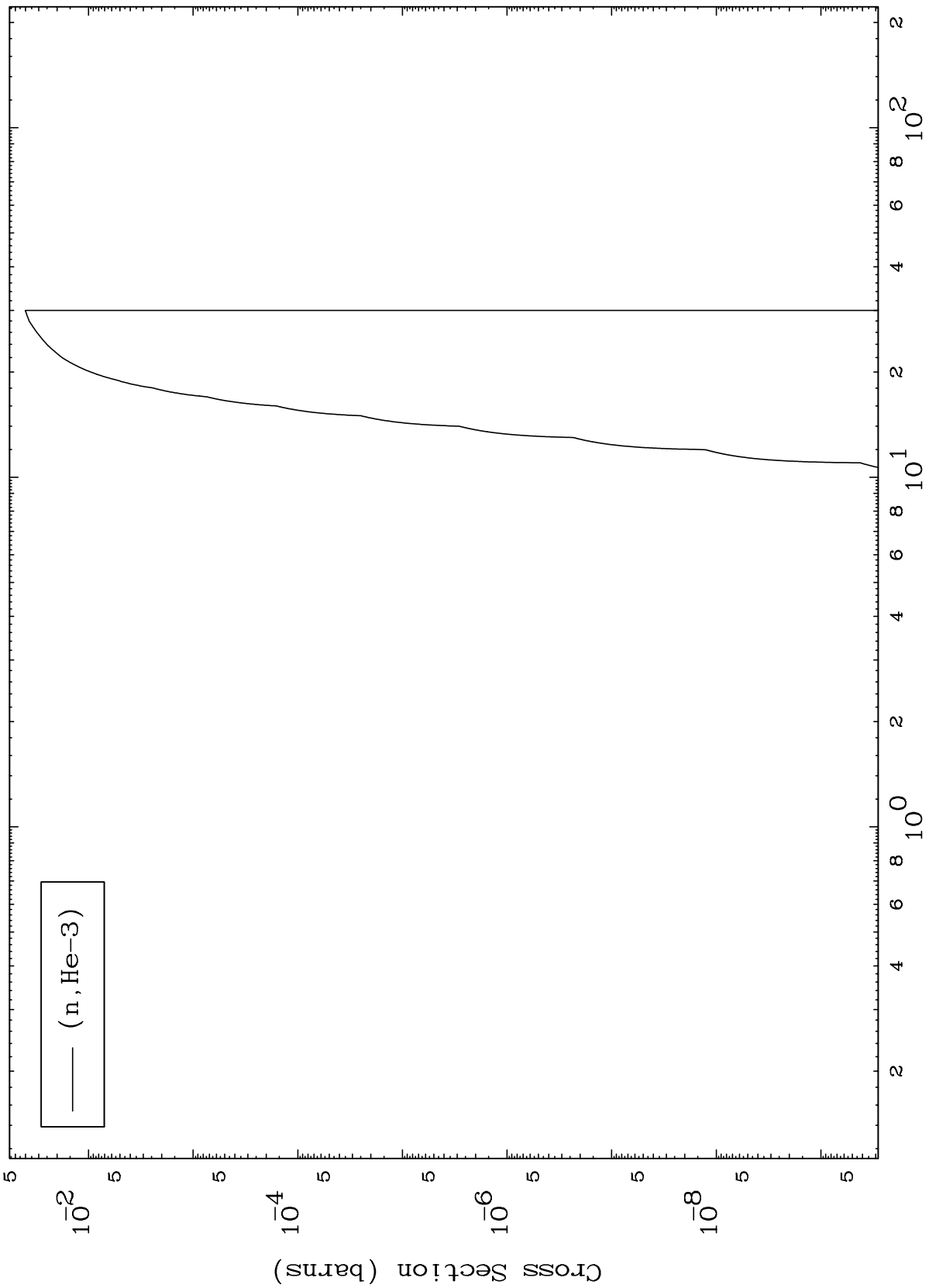
63-Eu-139

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(He-3, He3) Levels

63-Eu-139

0 Kelvin Cross Sections



(n, He-3)

10

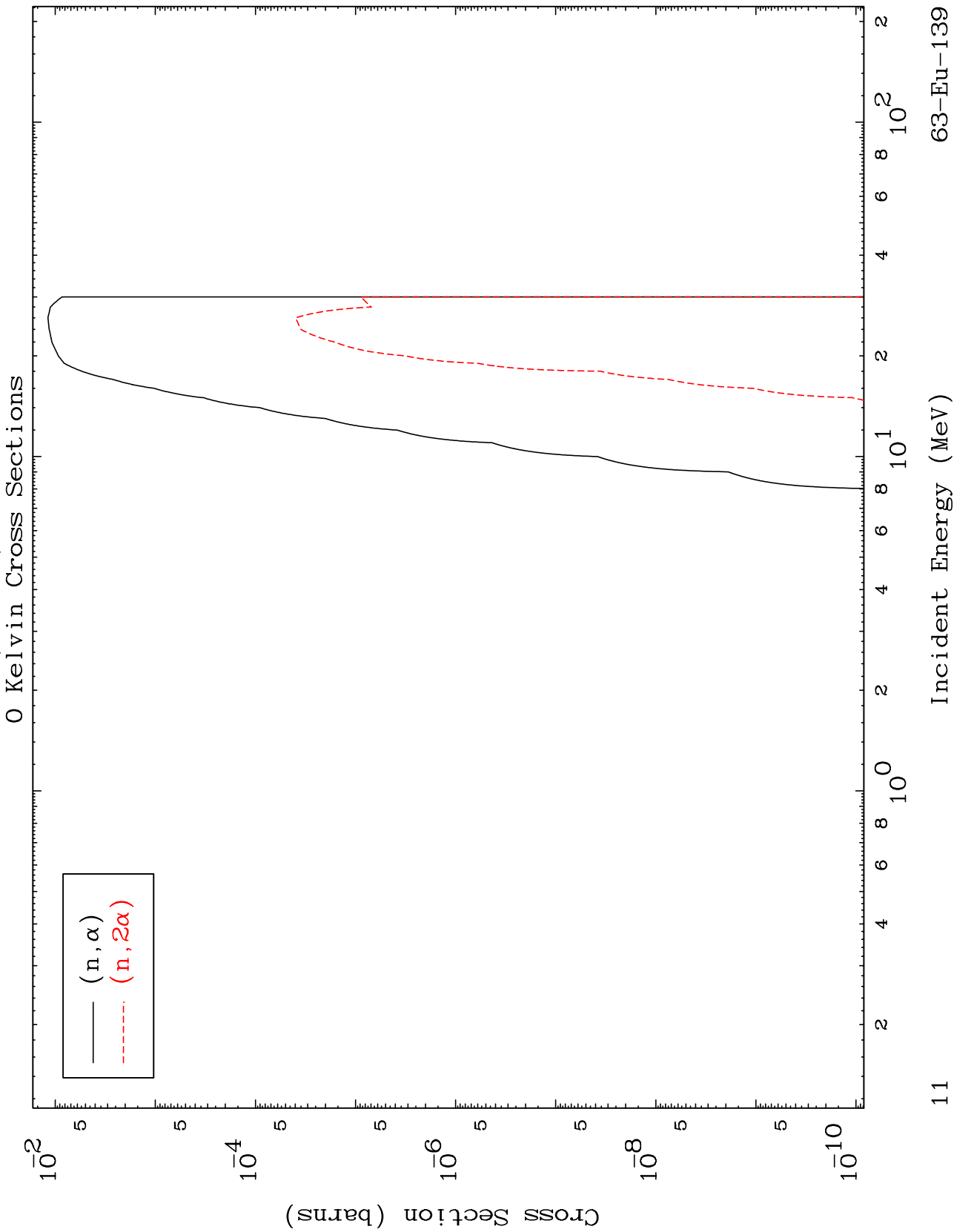
Incident Energy (MeV)

63-Eu-139

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(He-3, α) Levels

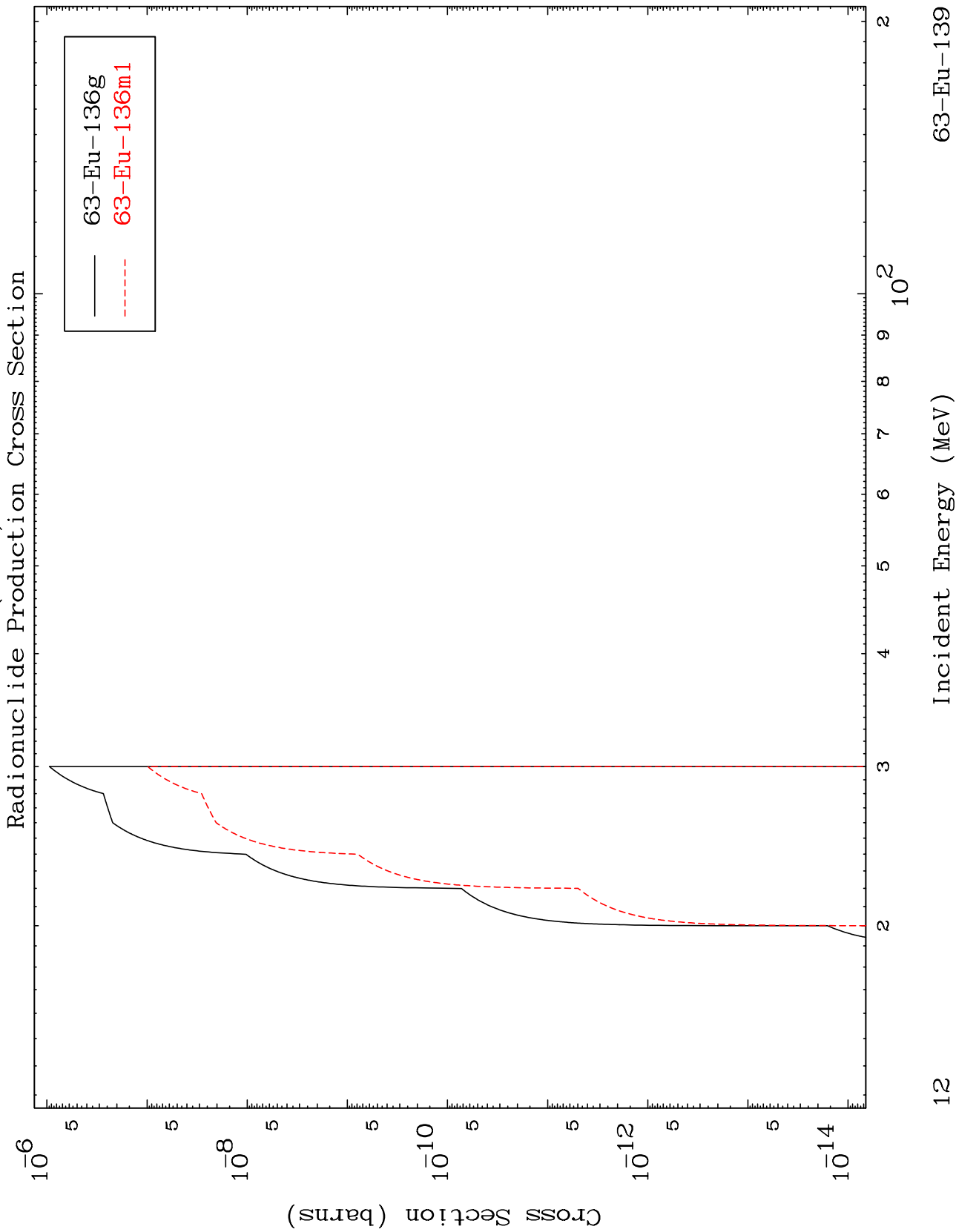
63-Eu-139



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(n,2n) α

63-Eu-139



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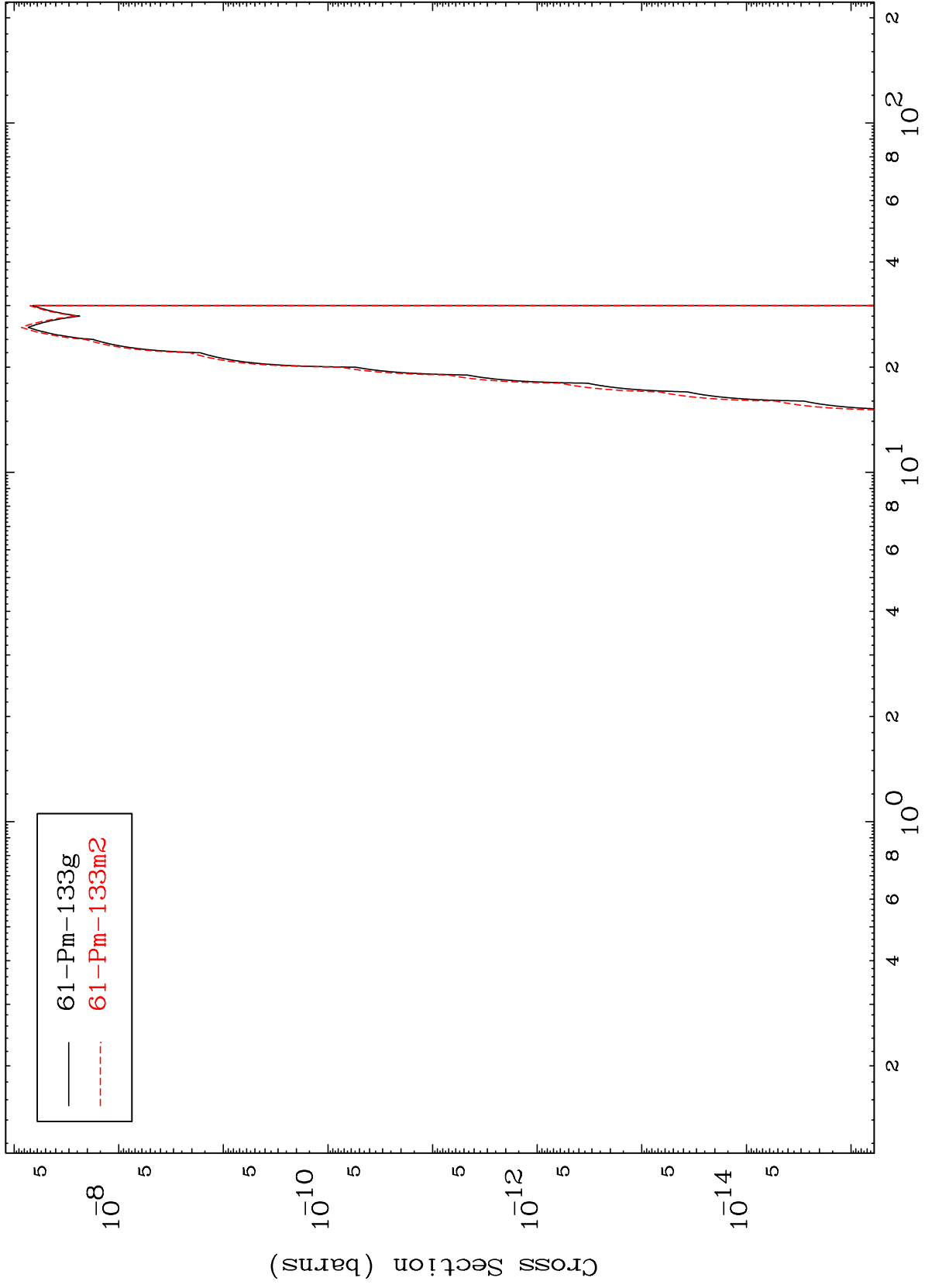
63-Eu-139

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(n,n') 2α

63-Eu-139

Radionuclide Production Cross Section

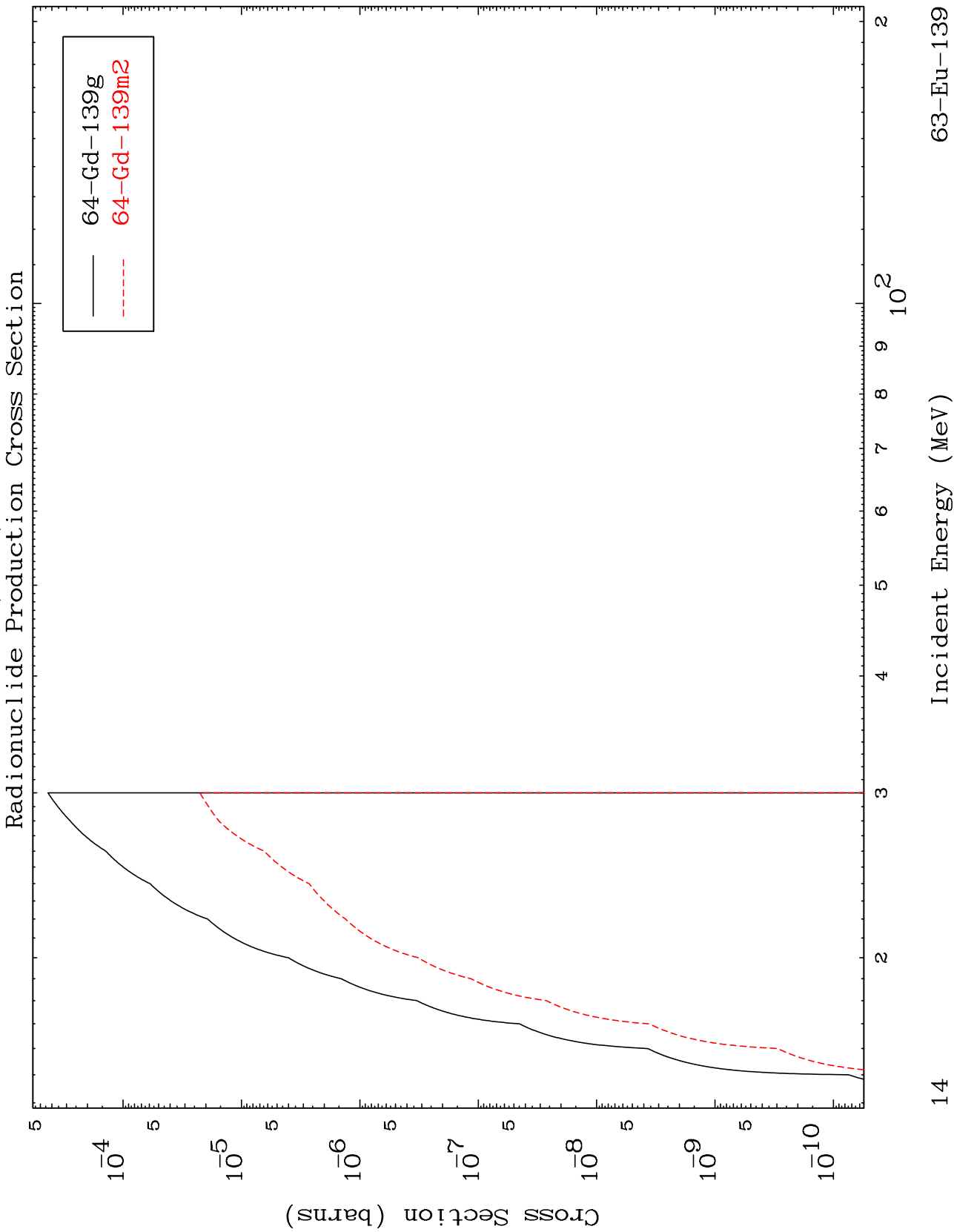


— 61-Pm-133g
- - - 61-Pm-133m2

13

Incident Energy (MeV)

63-Eu-139

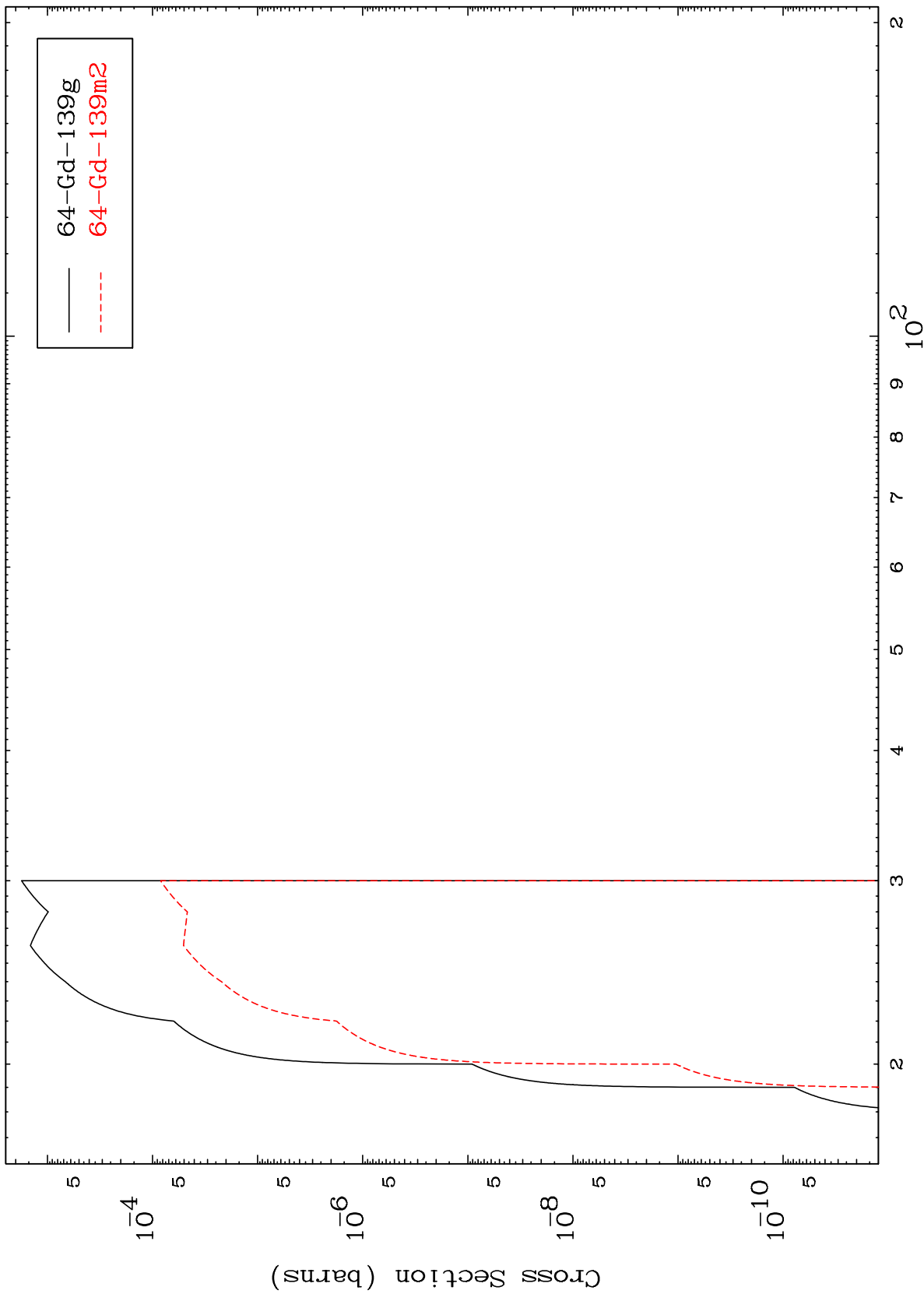


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(n,2n) p

63-Eu-139

Radionuclide Production Cross Section



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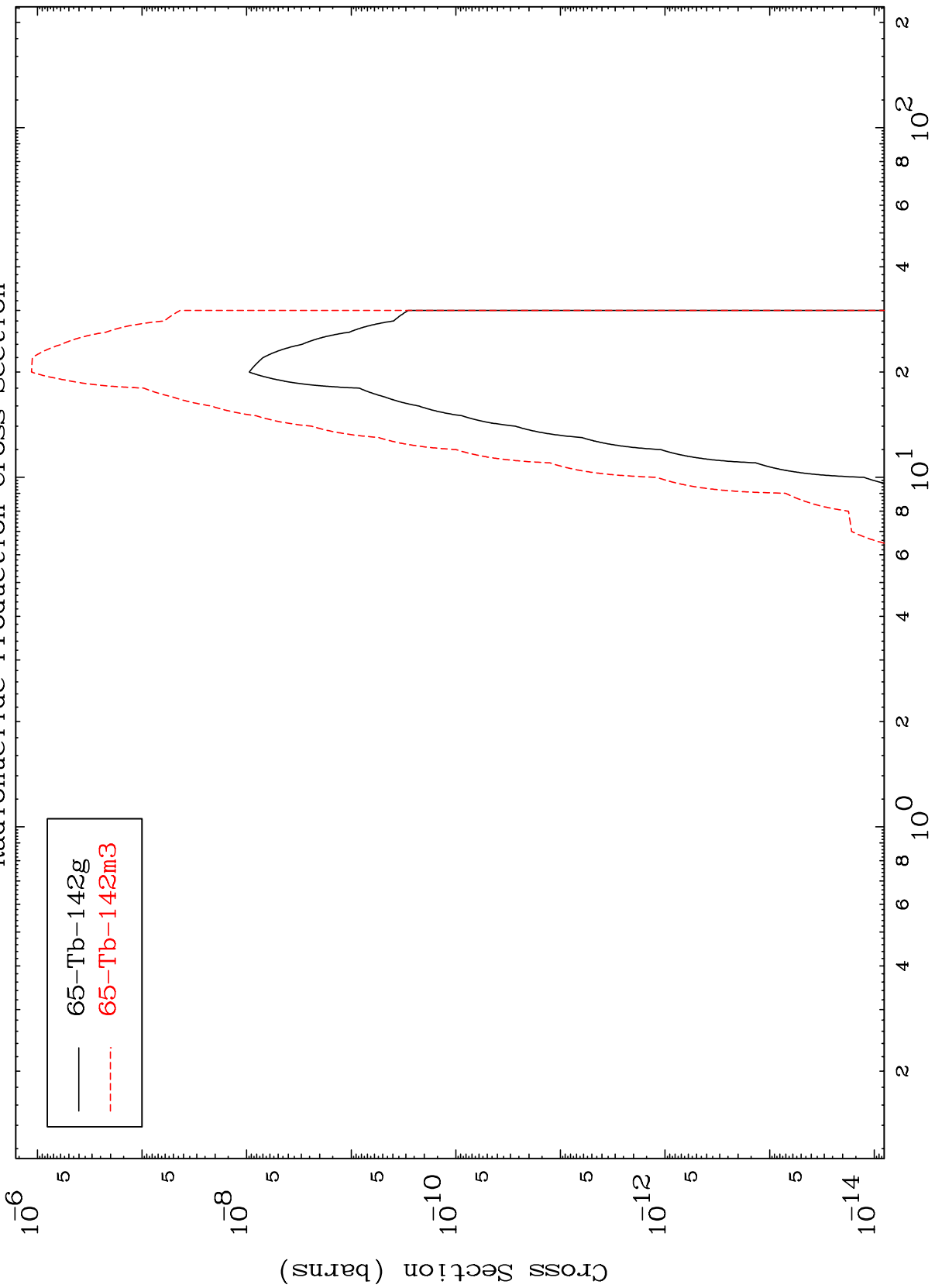
Incident Energy (MeV)

63-Eu-139

MAT 6289

63-Eu-139

(n, γ)
Radionuclide Production Cross Section



— 65-Tb-142g
- - - 65-Tb-142m3

63-Eu-139

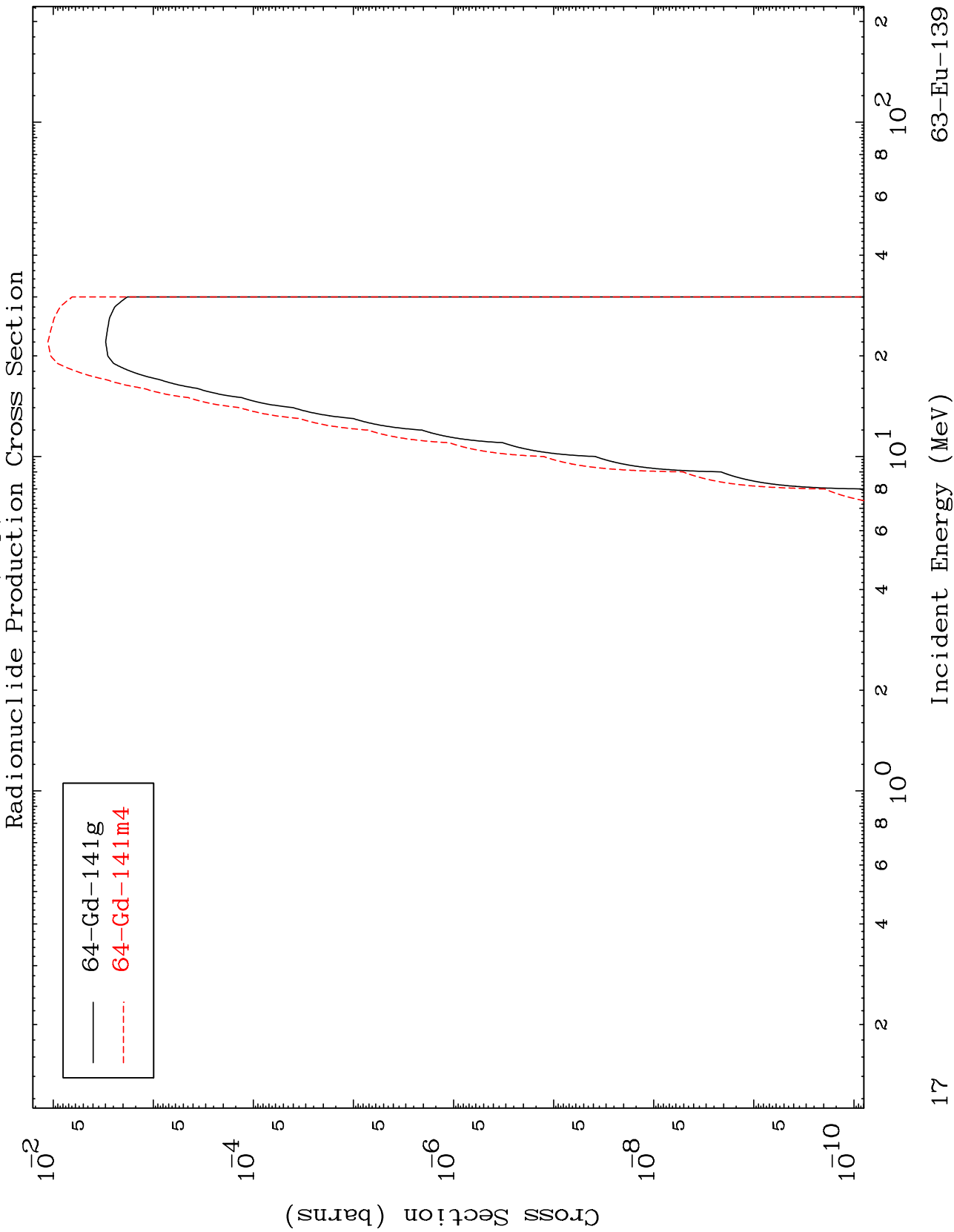
Incident Energy (MeV)

16

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(n,p)

63-Eu-139

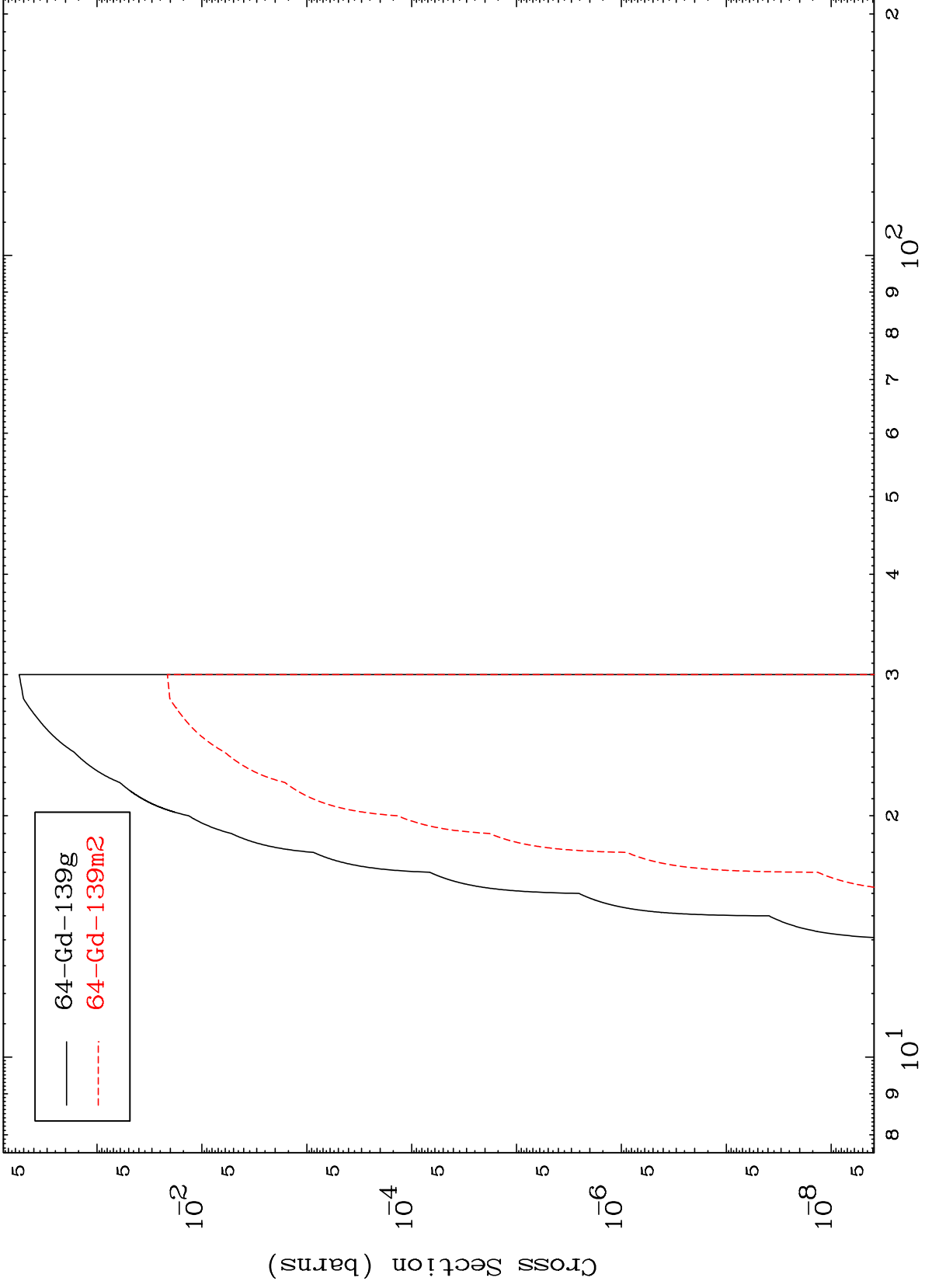


64-Gd-141g
64-Gd-141m4

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63-Eu-139

(n,t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

63-Eu-139

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63-Eu-139

Radionuclide Production Cross Section
(n,2 α)

