

Program EVALPLOT
(Version 2021-1)

by

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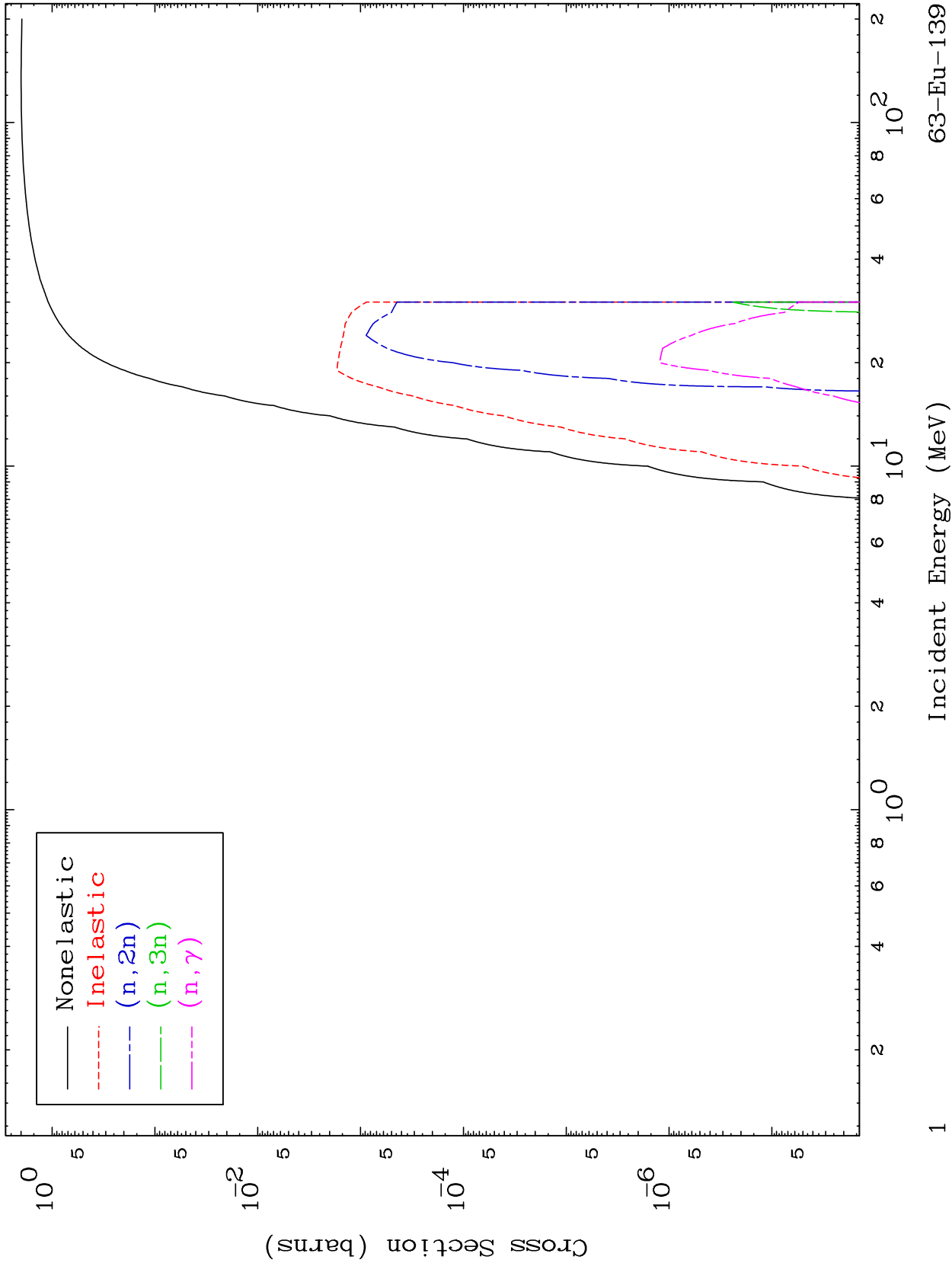
Press Mouse Button to Start

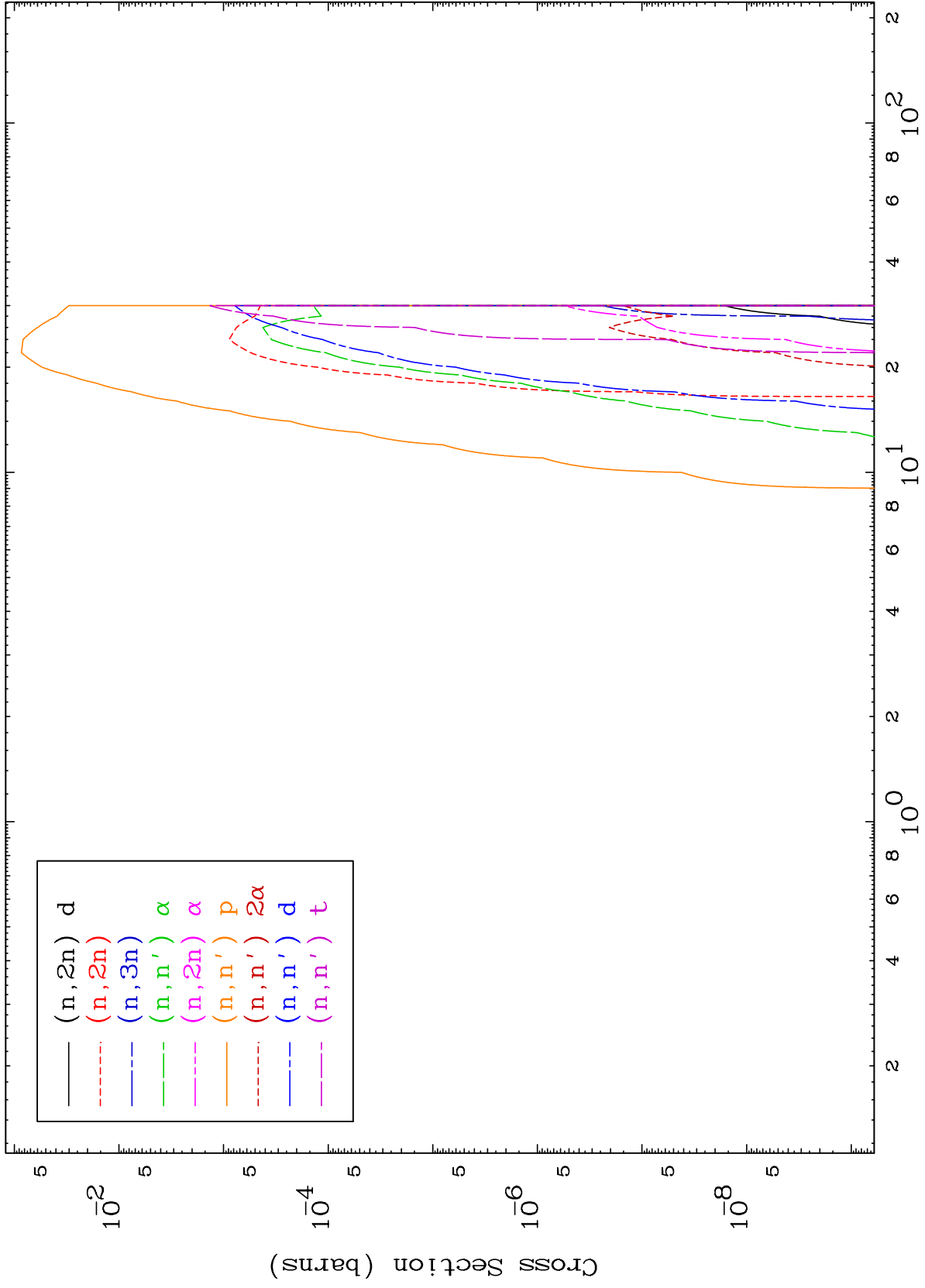
MAT 6289

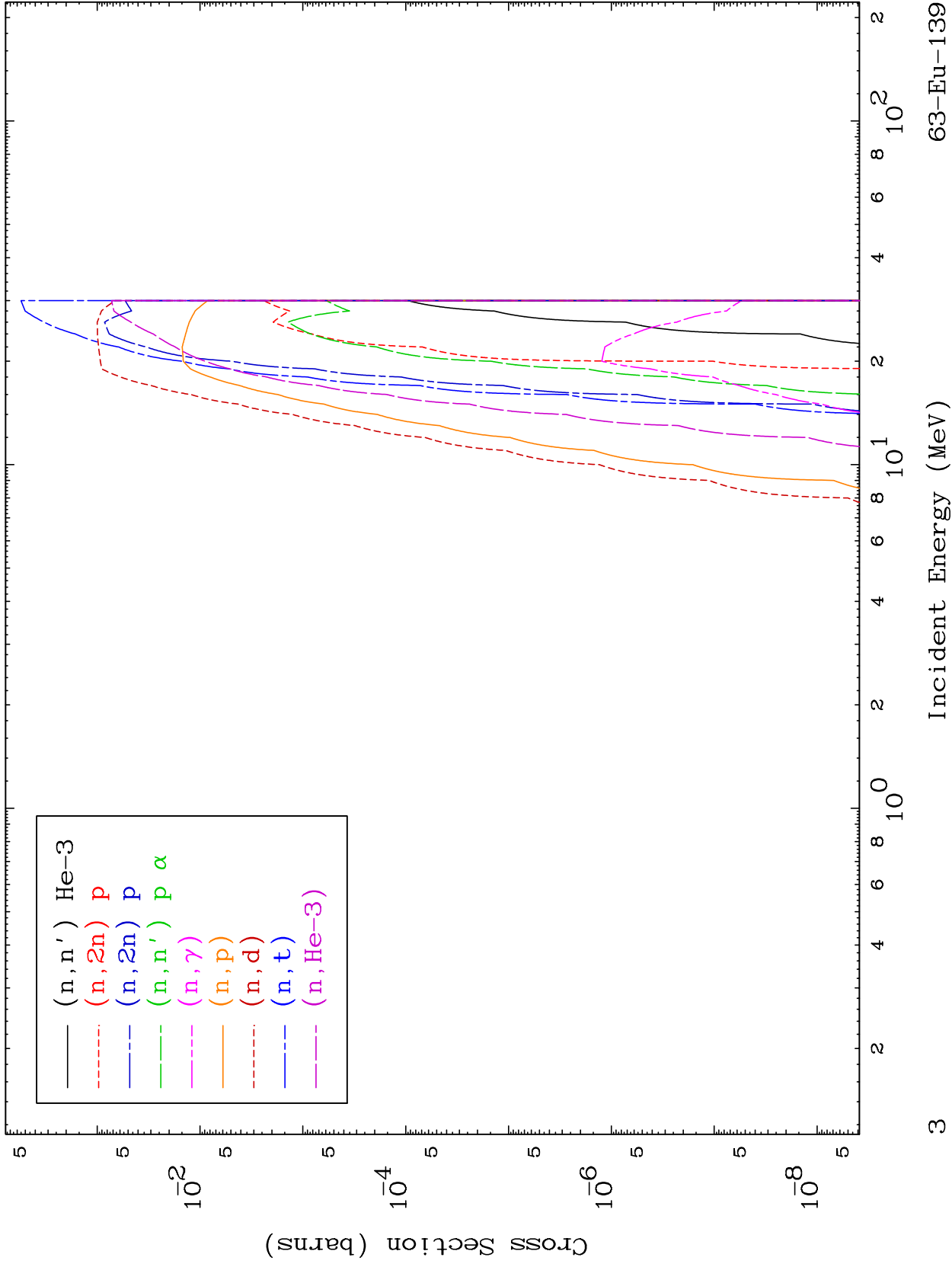
He-3 Major

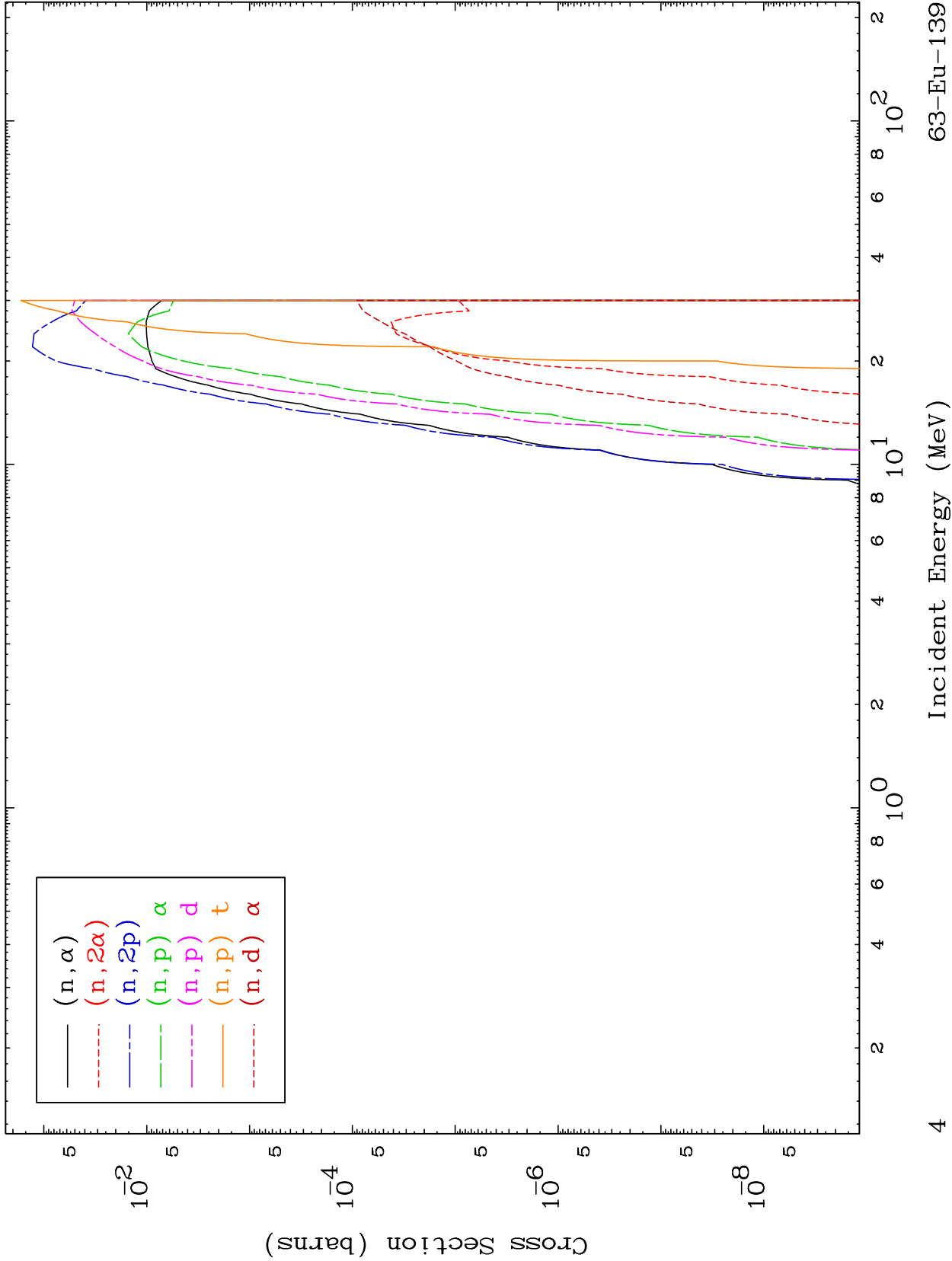
63-Eu-139

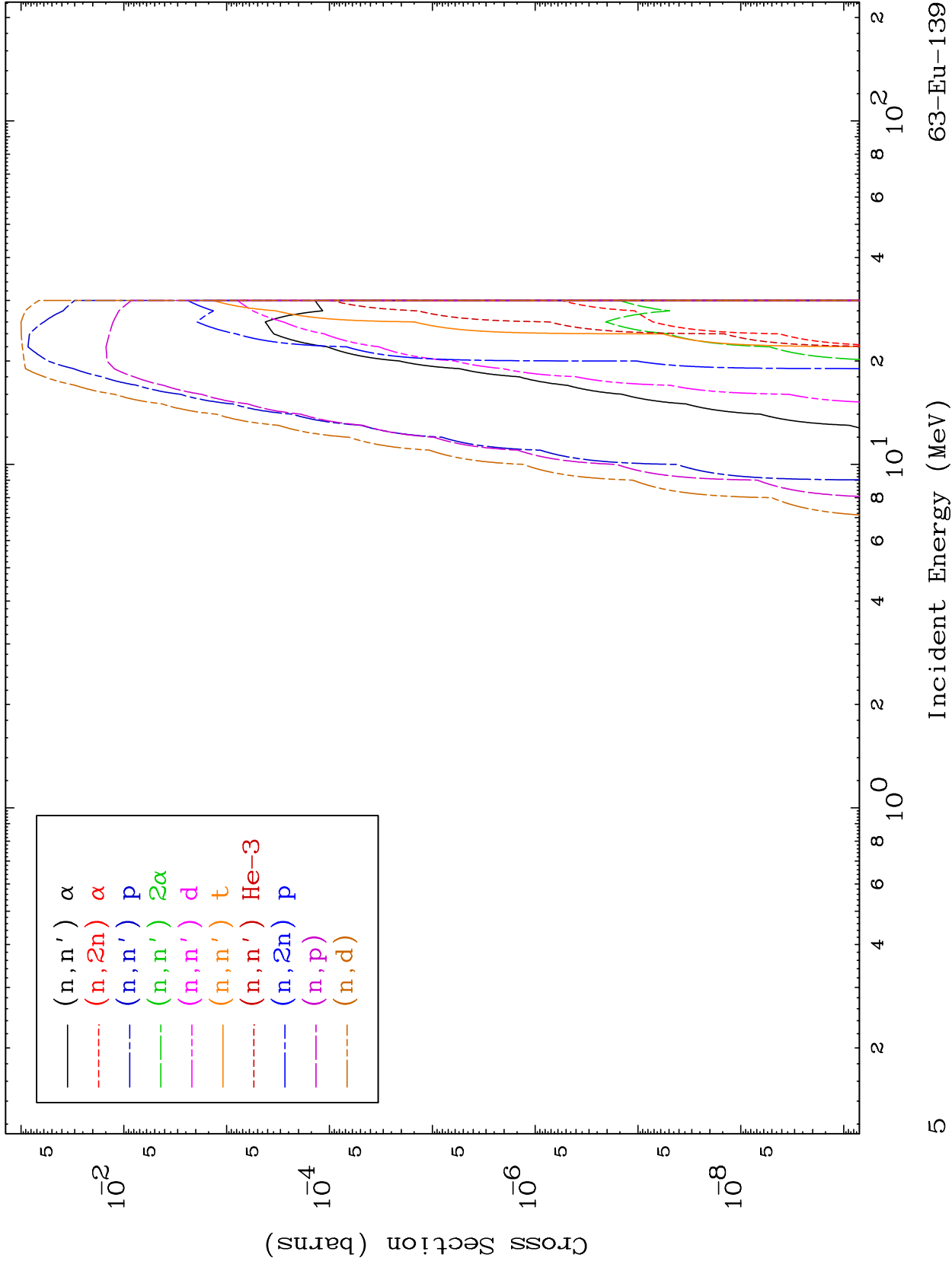
0 Kelvin Cross Sections







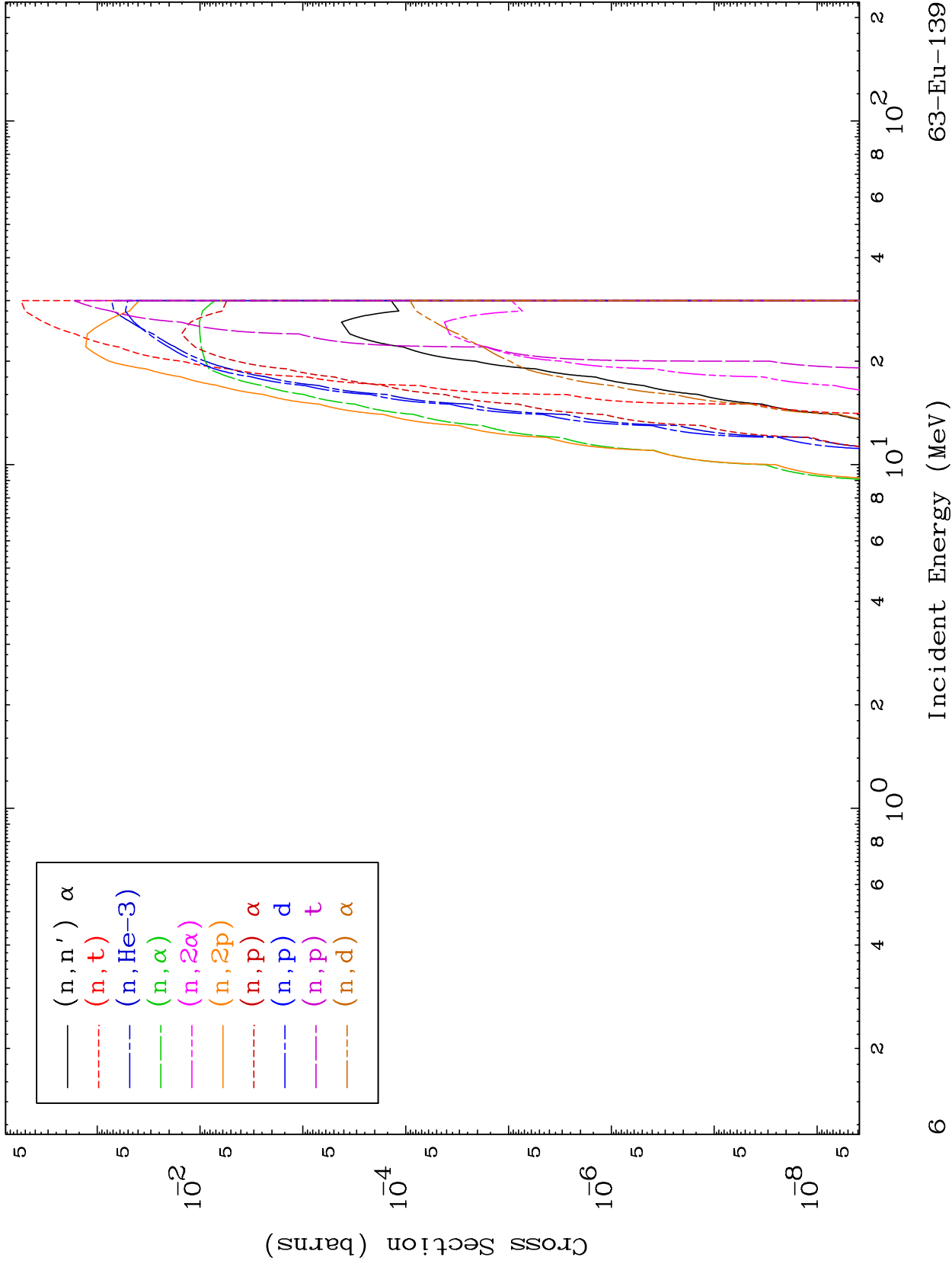




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He-3 Charged Particle
0 Kelvin Cross Sections

63-Eu-139

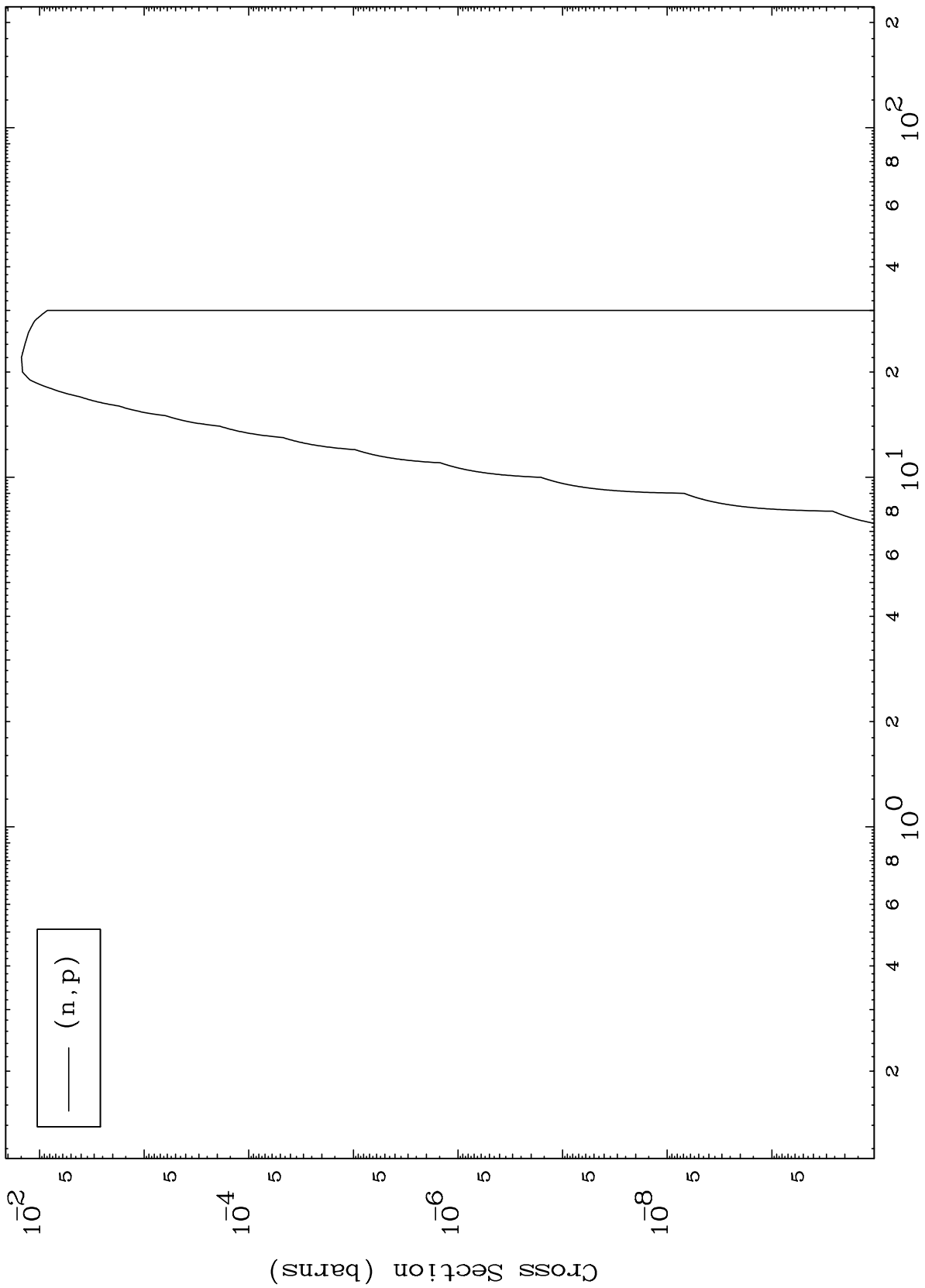


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(He-3,p) Levels

63-Eu-139

0 Kelvin Cross Sections

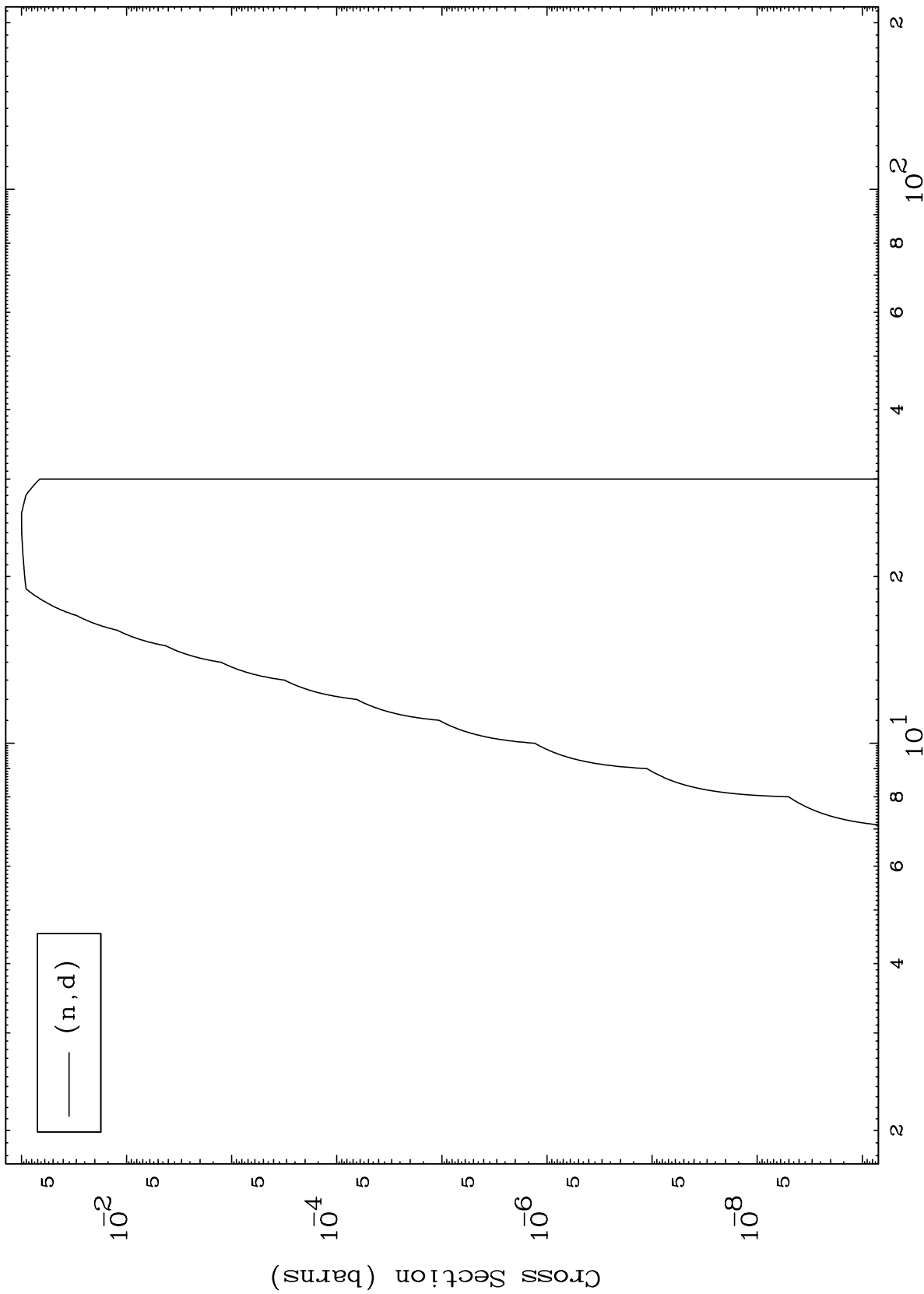


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(He-3,d) Levels

63-Eu-139

0 Kelvin Cross Sections



8

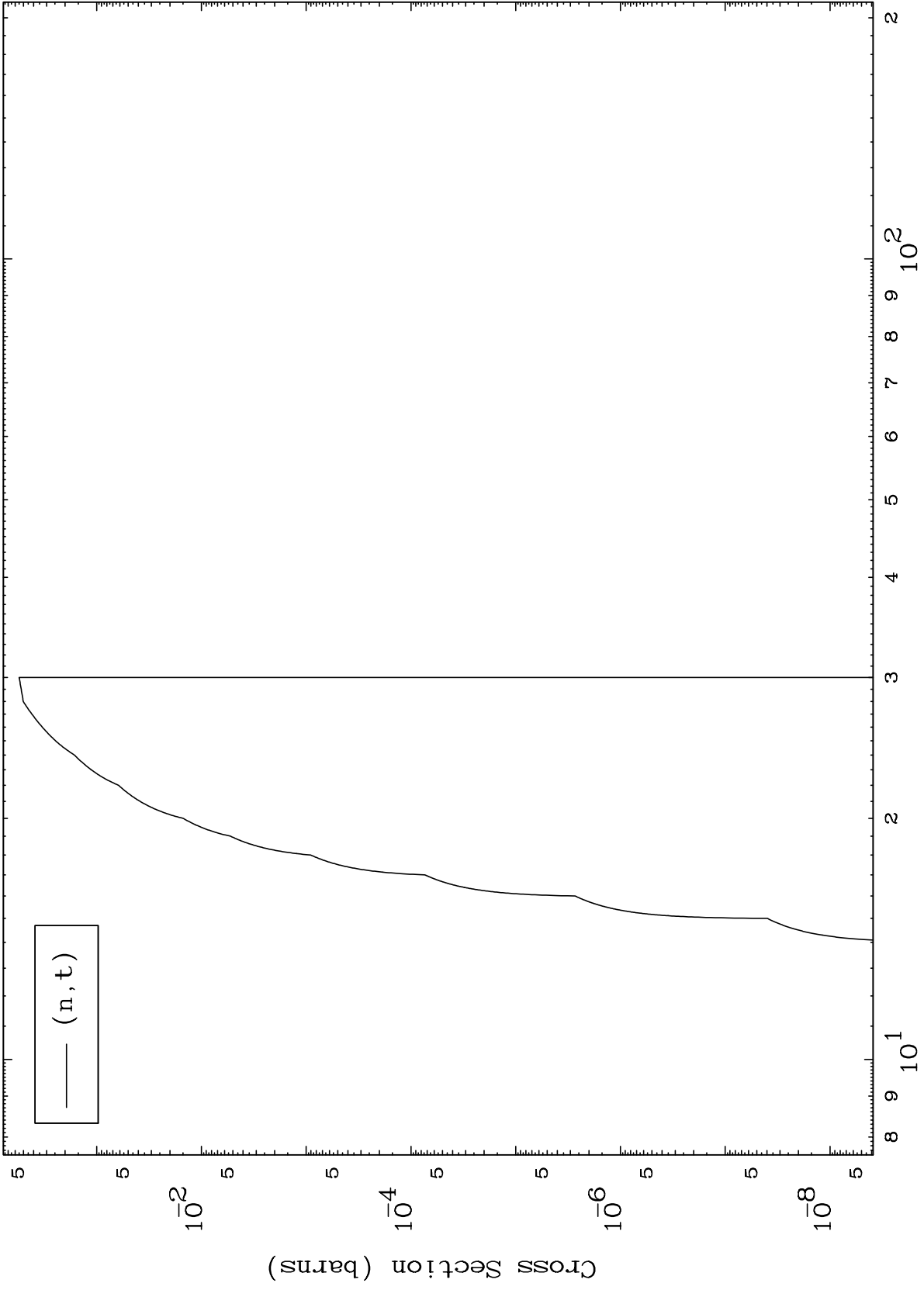
Incident Energy (MeV)

63-Eu-139

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

63-Eu-139



(n, t)

9

Incident Energy (MeV)

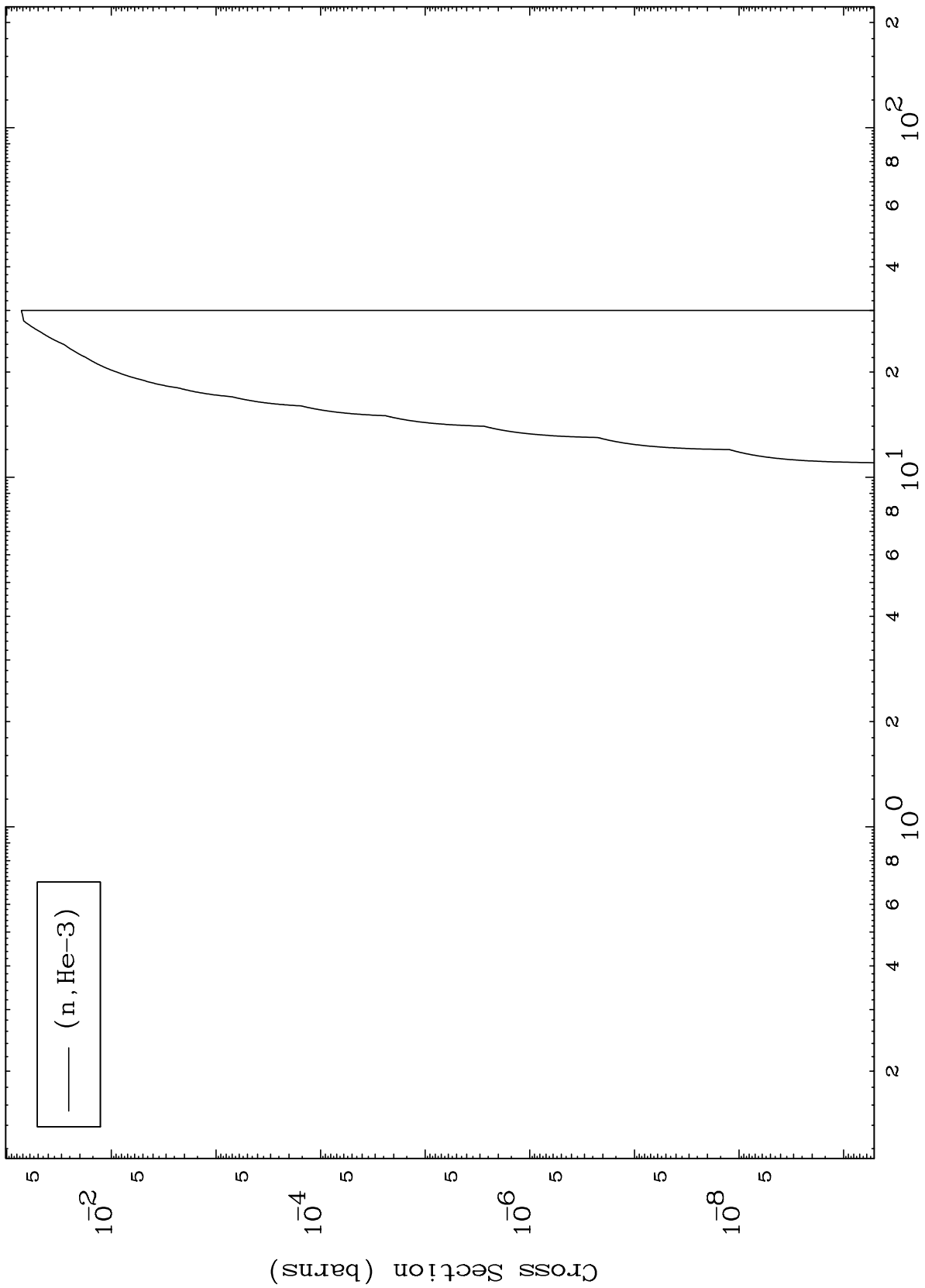
63-Eu-139

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(He-3, He3) Levels

63-Eu-139

0 Kelvin Cross Sections



10

Incident Energy (MeV)

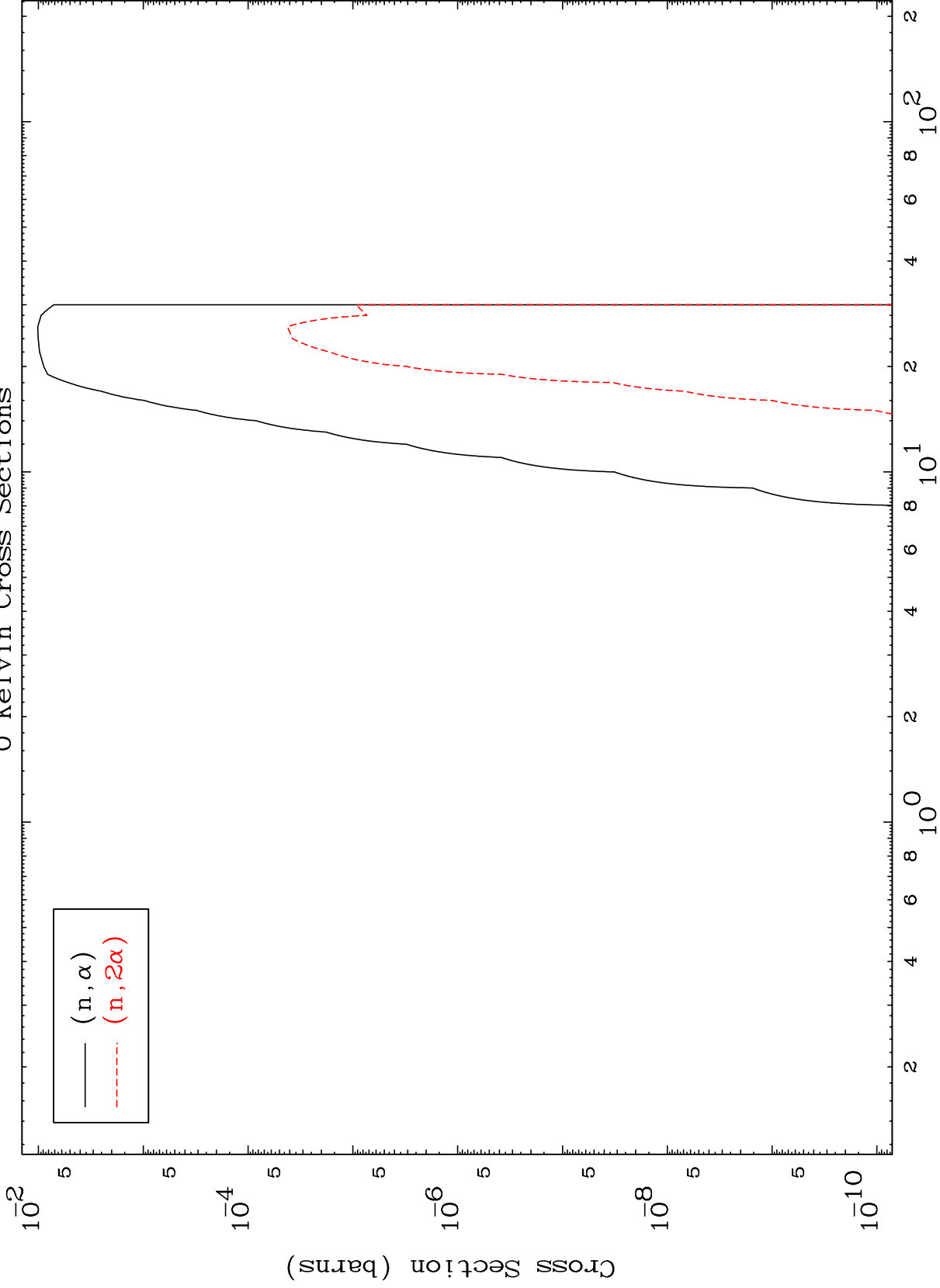
63-Eu-139

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(He-3, α) Levels

63-Eu-139

0 Kelvin Cross Sections

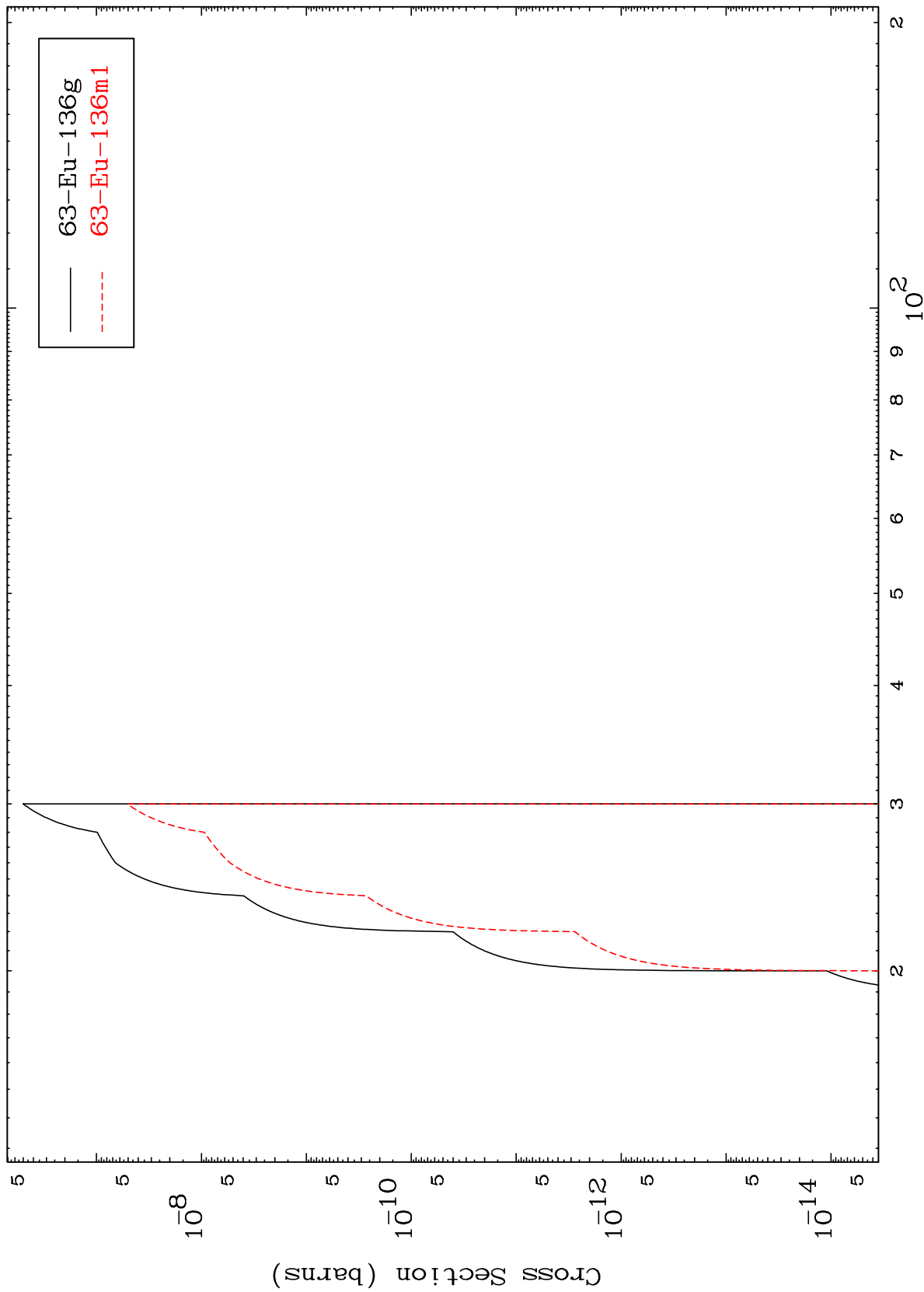


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$(n,2n) \alpha$

$^{63}\text{Eu}-139$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

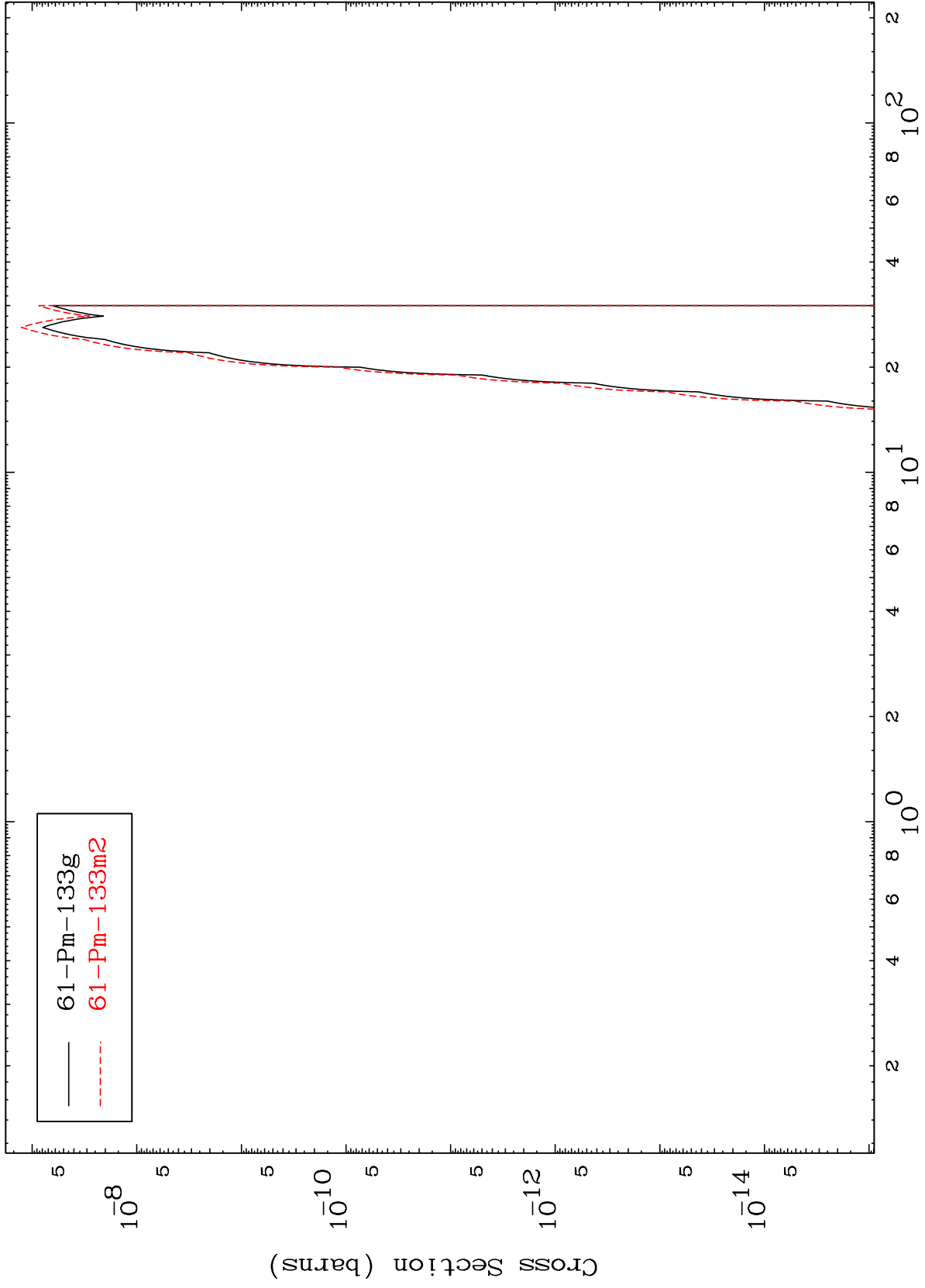
$^{63}\text{Eu}-139$

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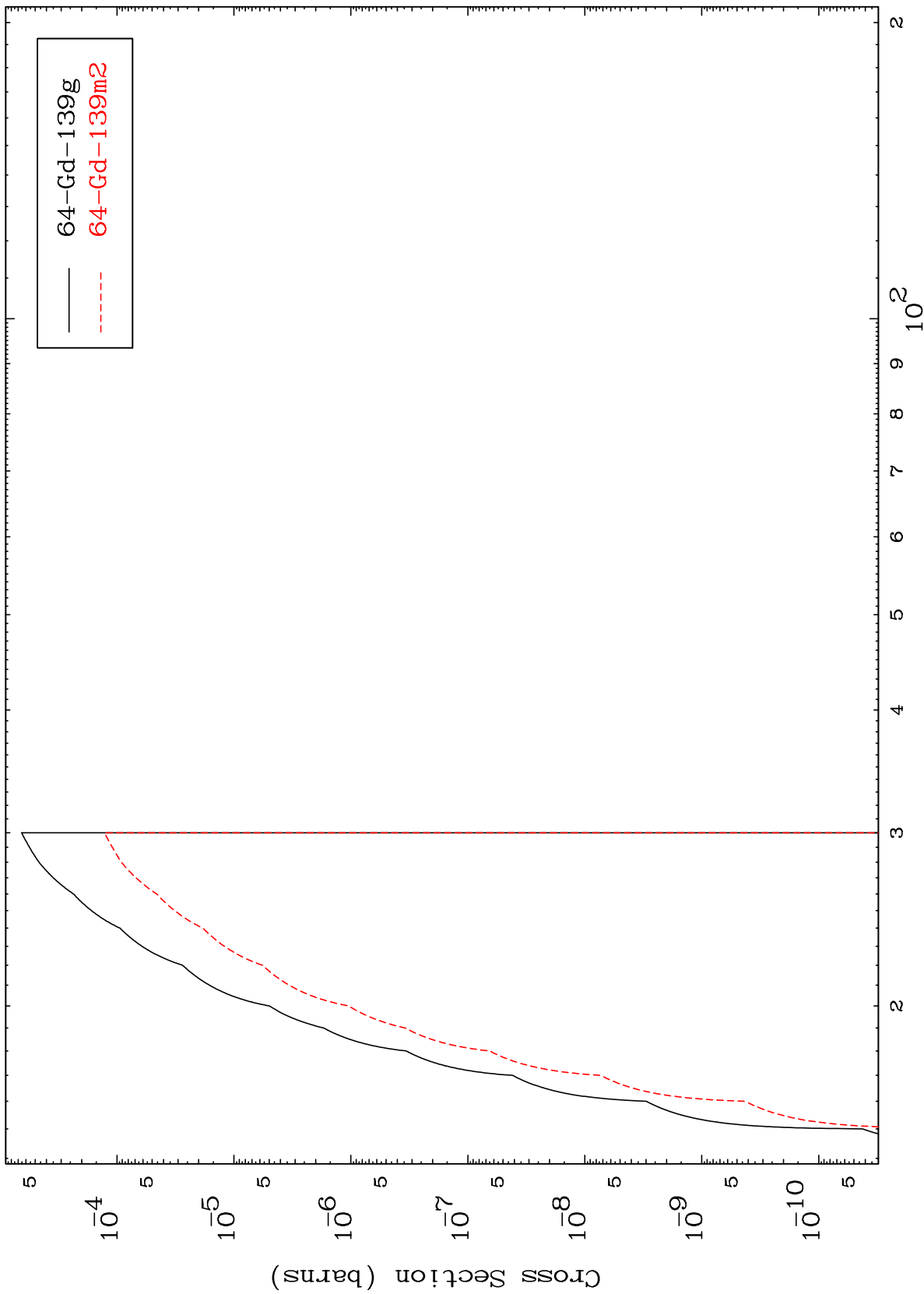
(n,n') 2α

63-Eu-139

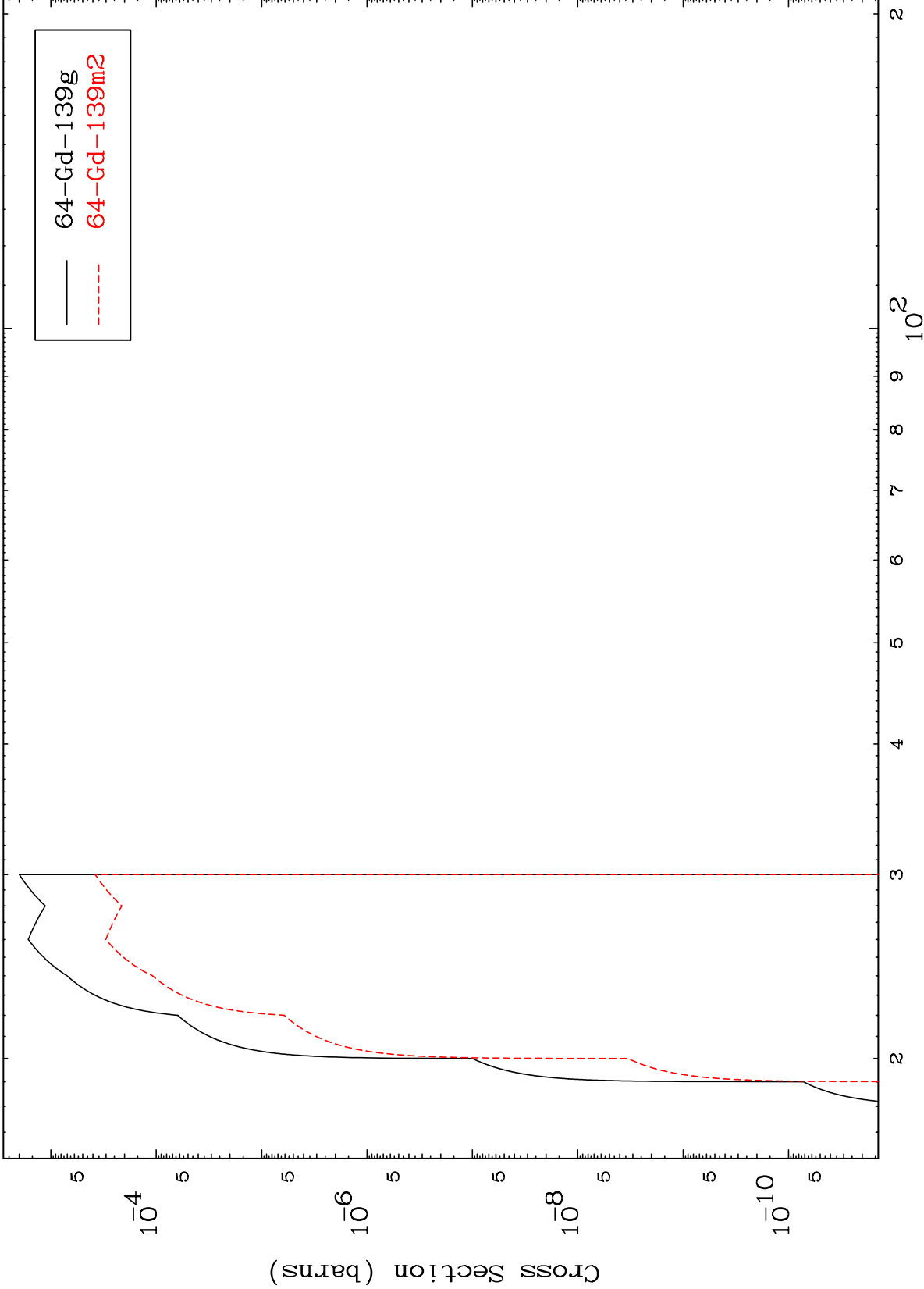
Radionuclide Production Cross Section



Radionuclide Production Cross Section



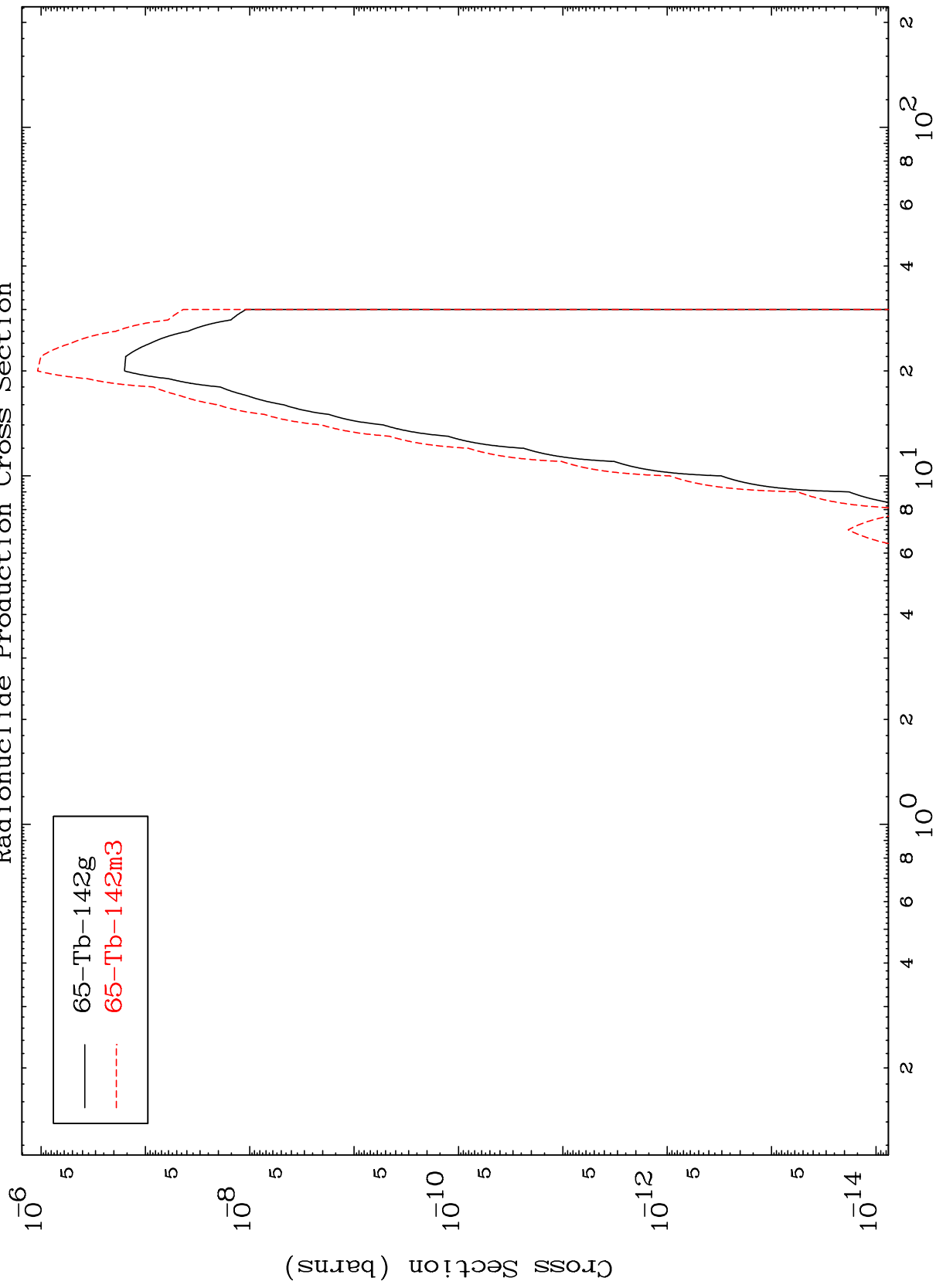
Radionuclide Production Cross Section



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63-Eu-139

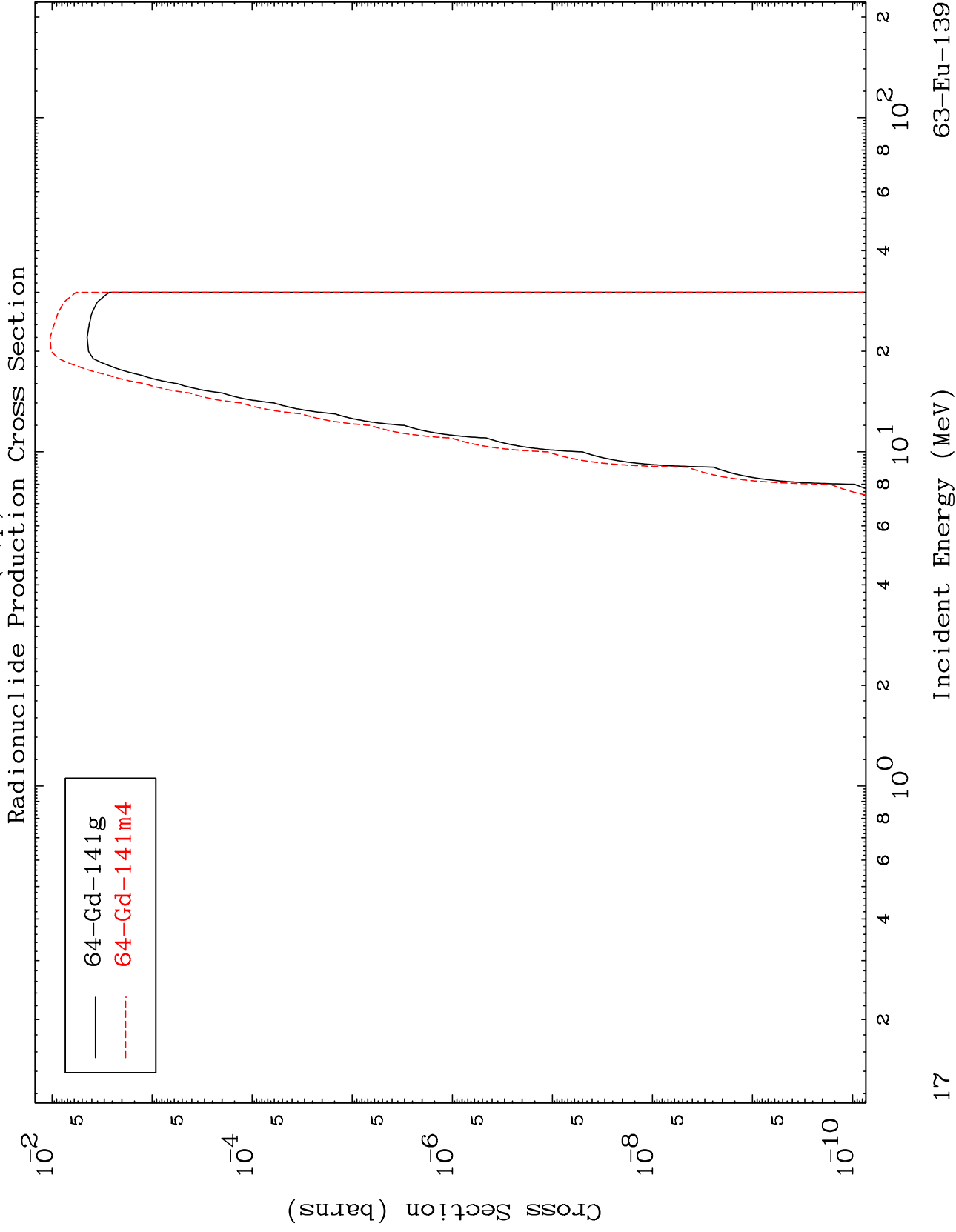
Radionuclide Production Cross Section
(n, γ)



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(n,p)

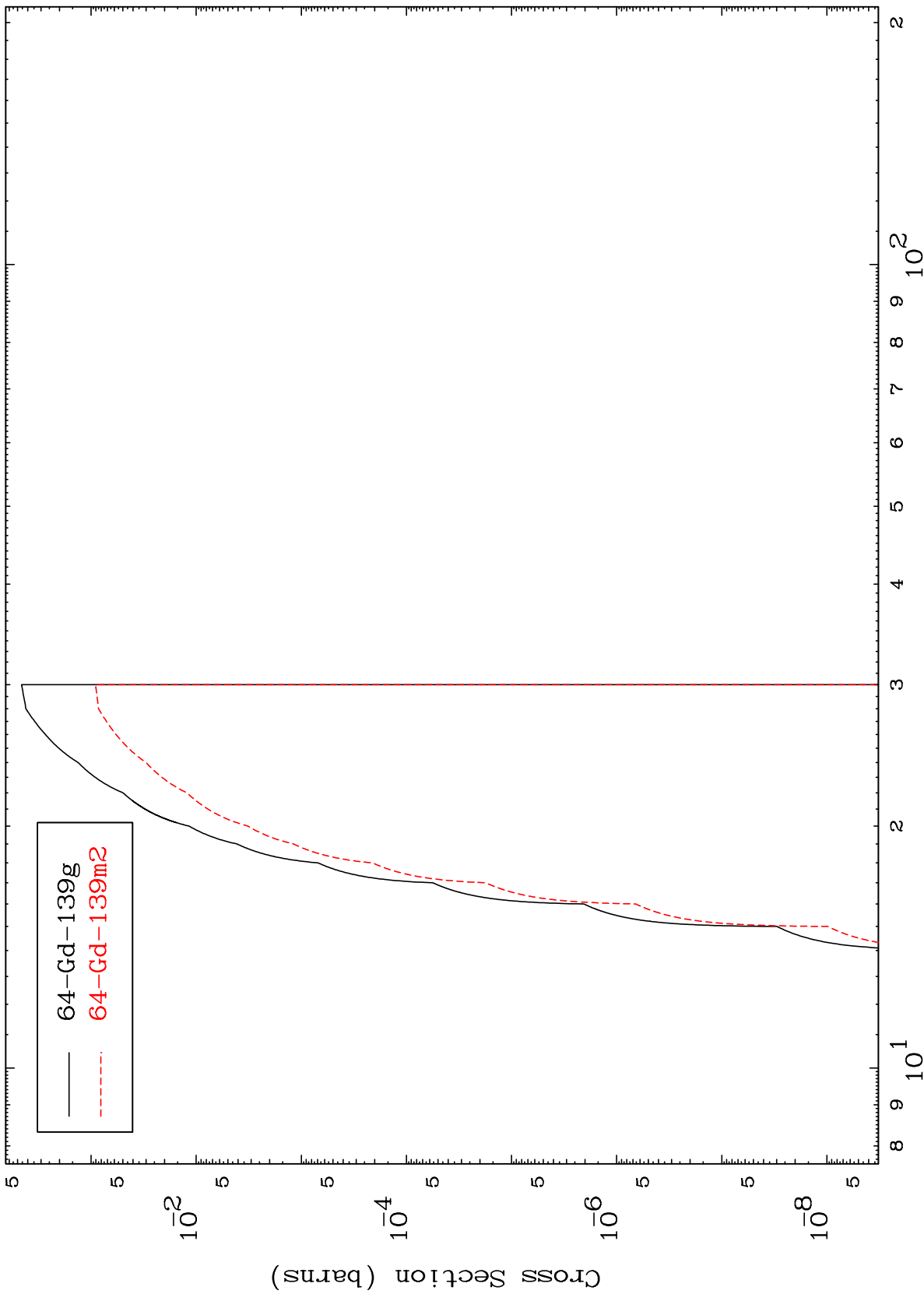
63-Eu-139



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63-Eu-139

(n,t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

63-Eu-139

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(n,2α)

63-Eu-139

Radionuclide Production Cross Section

