

Program EVALPLOT
(Version 2021-1)

by

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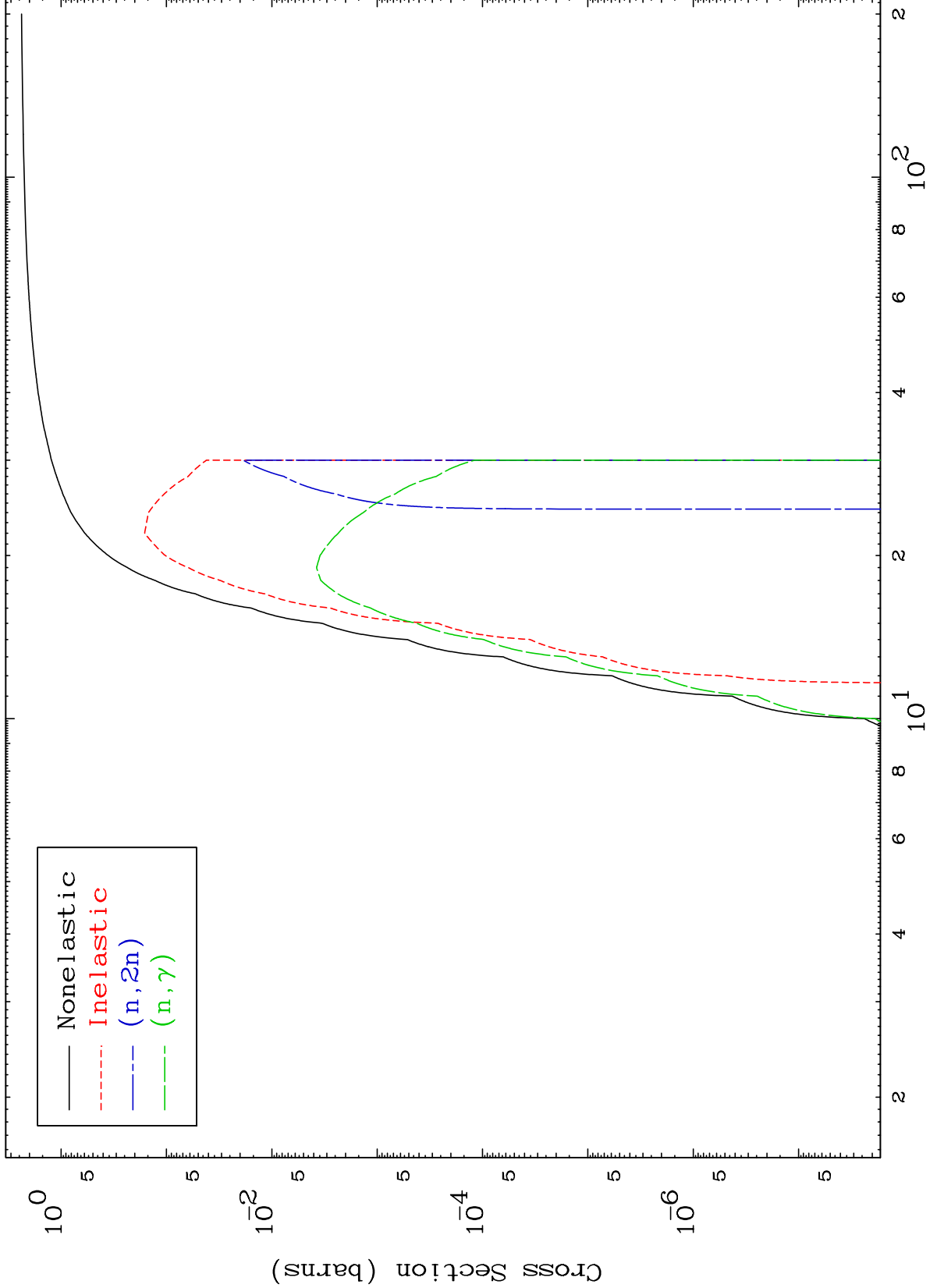
Press Mouse Button to Start

MAT 6398

α Major

64-Gd-143

0 Kelvin Cross Sections



1

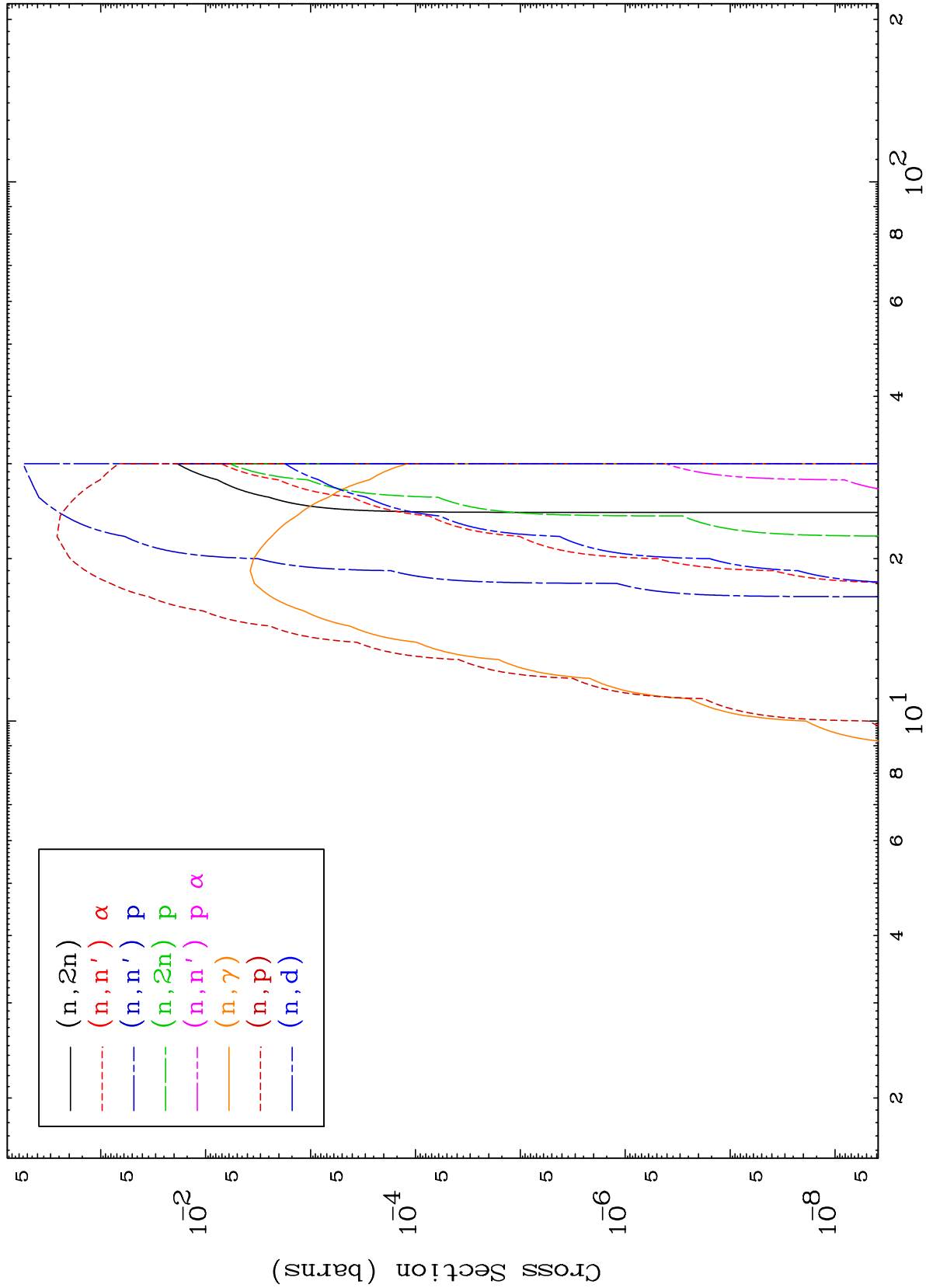
Incident Energy (MeV)

64-Gd-143

MAT 6398

α Neutron Absorption
0 Kelvin Cross Sections

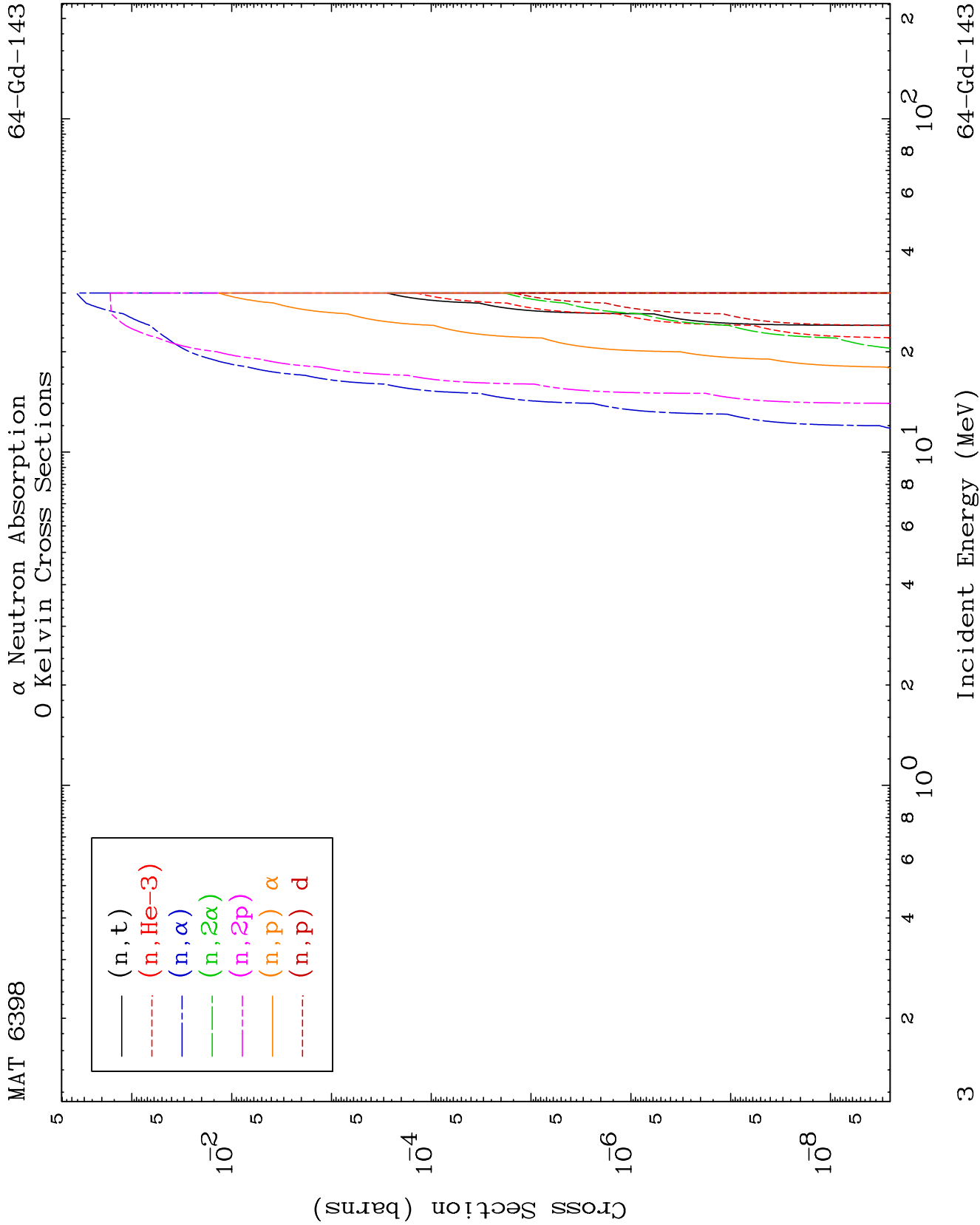
64-Gd-143



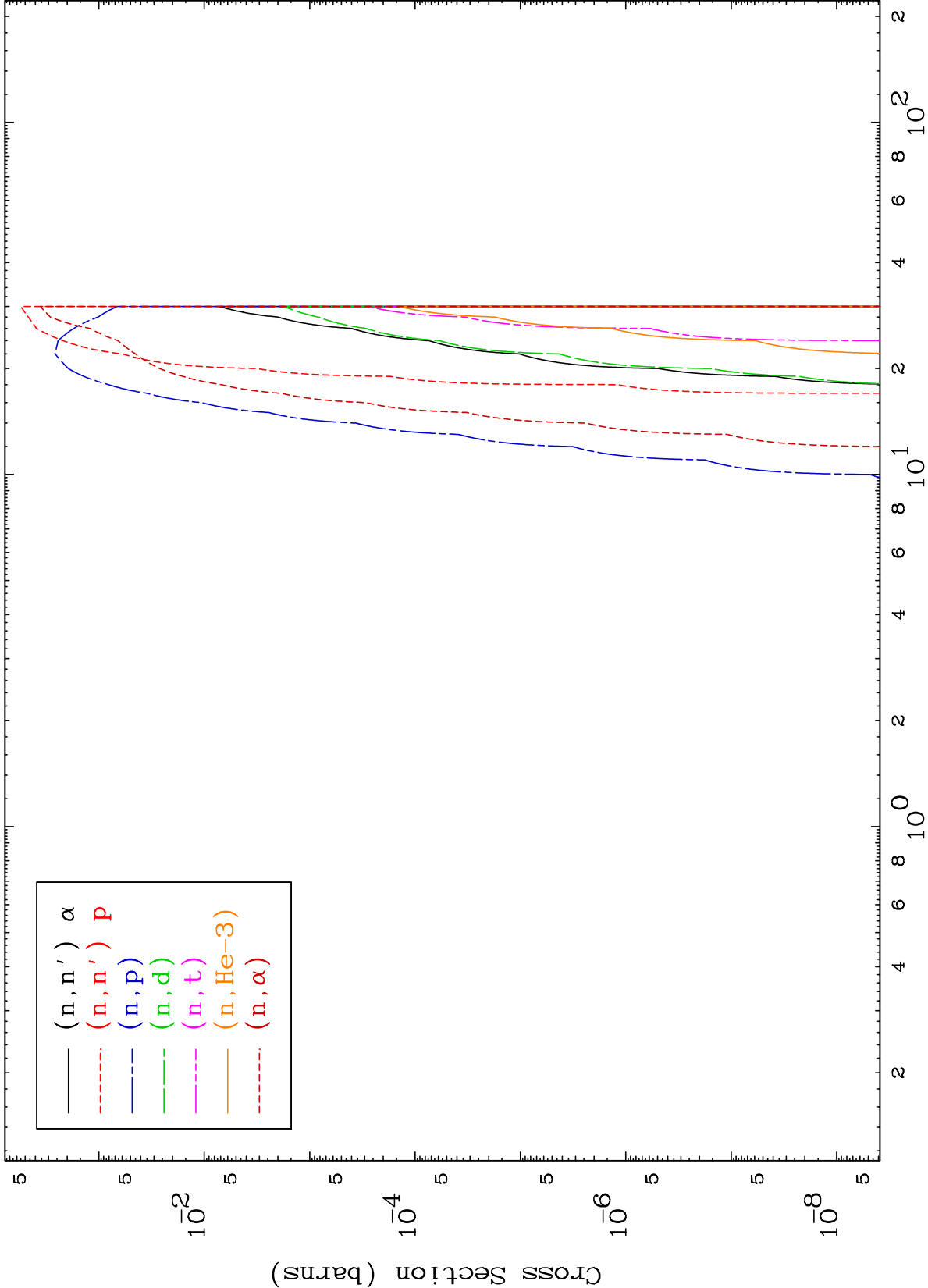
2

Incident Energy (MeV)

64-Gd-143

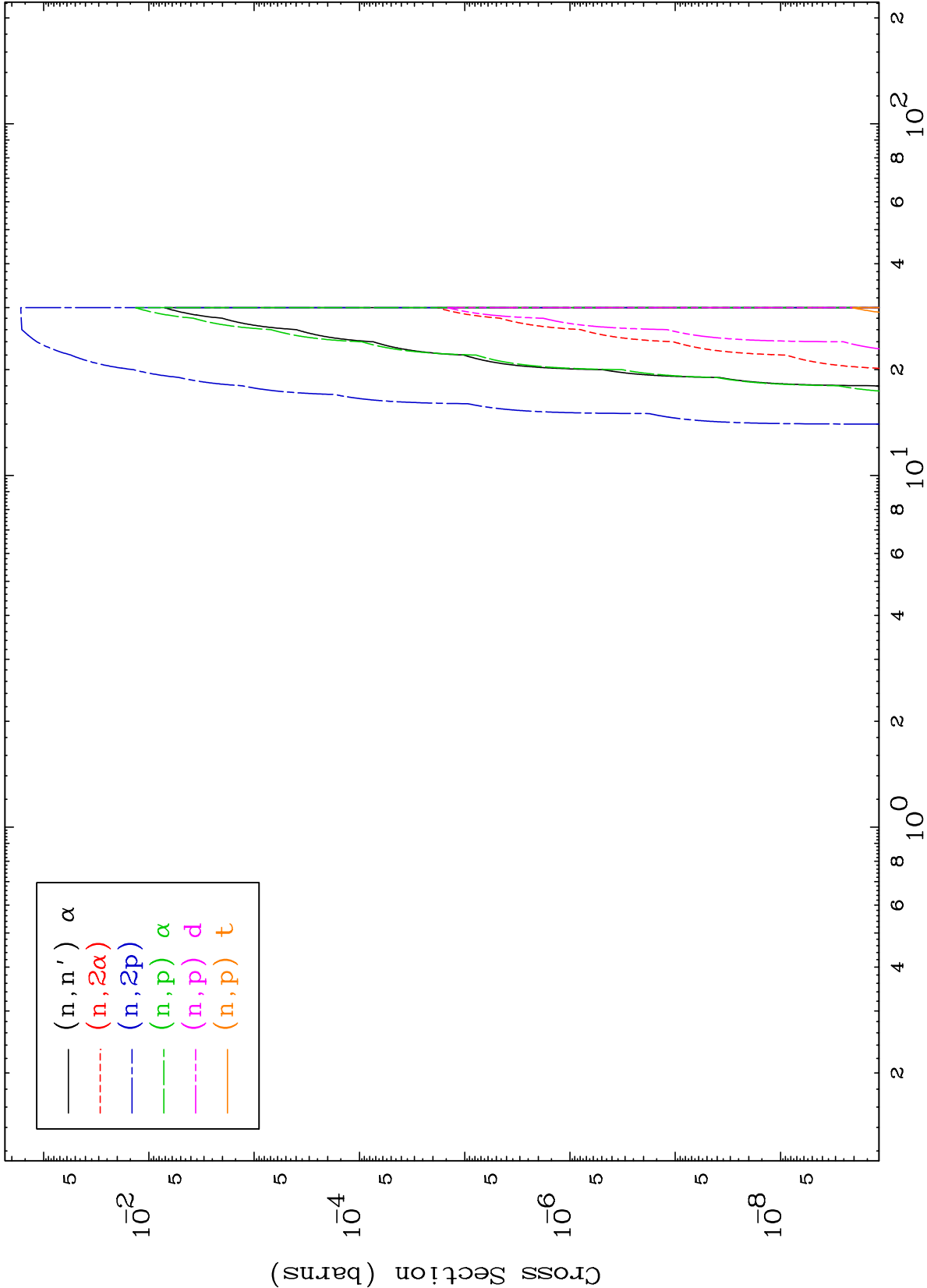


0 Kelvin Cross Sections



Incident Energy (MeV)

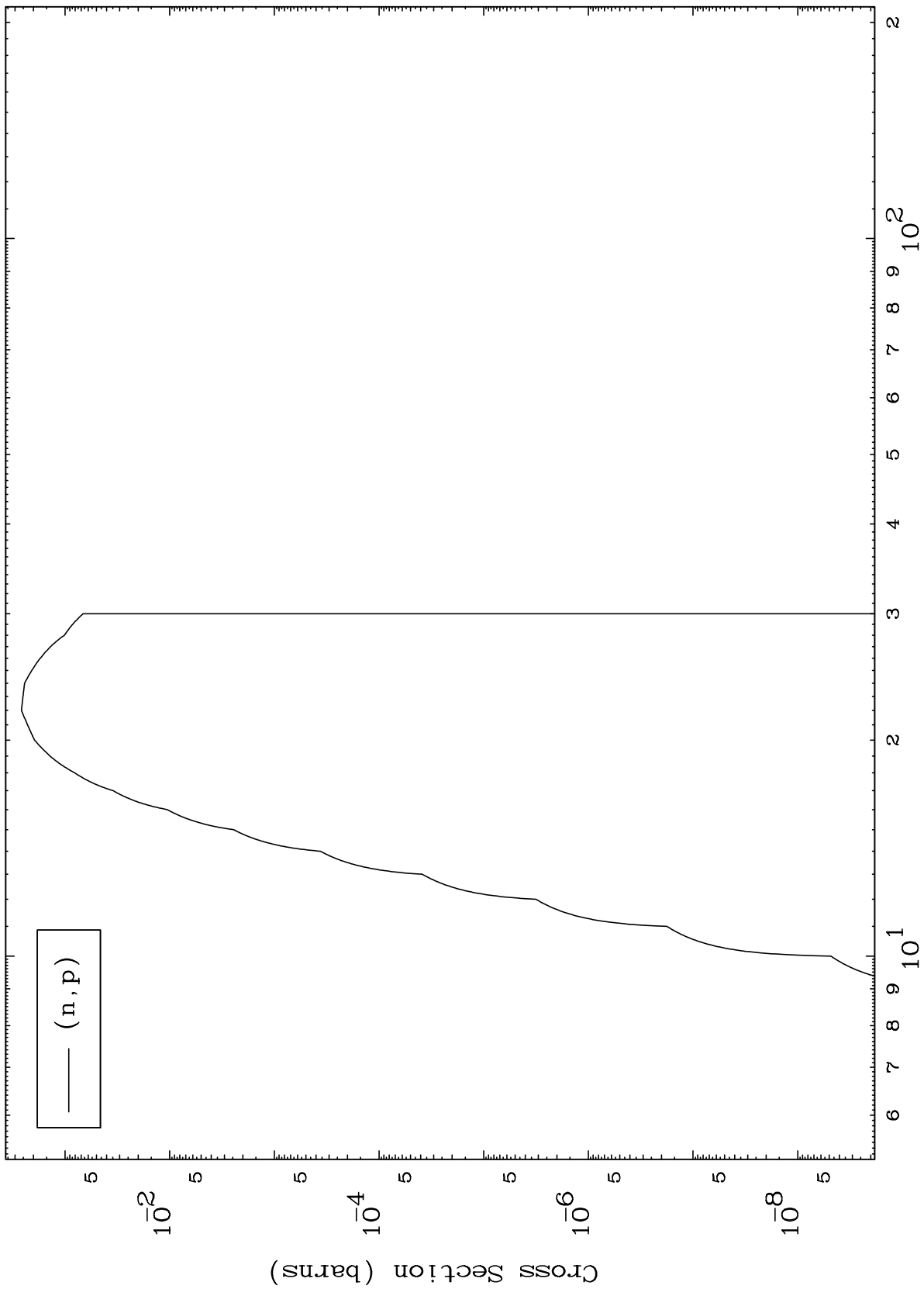
0 Kelvin Cross Sections



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64-Gd-143

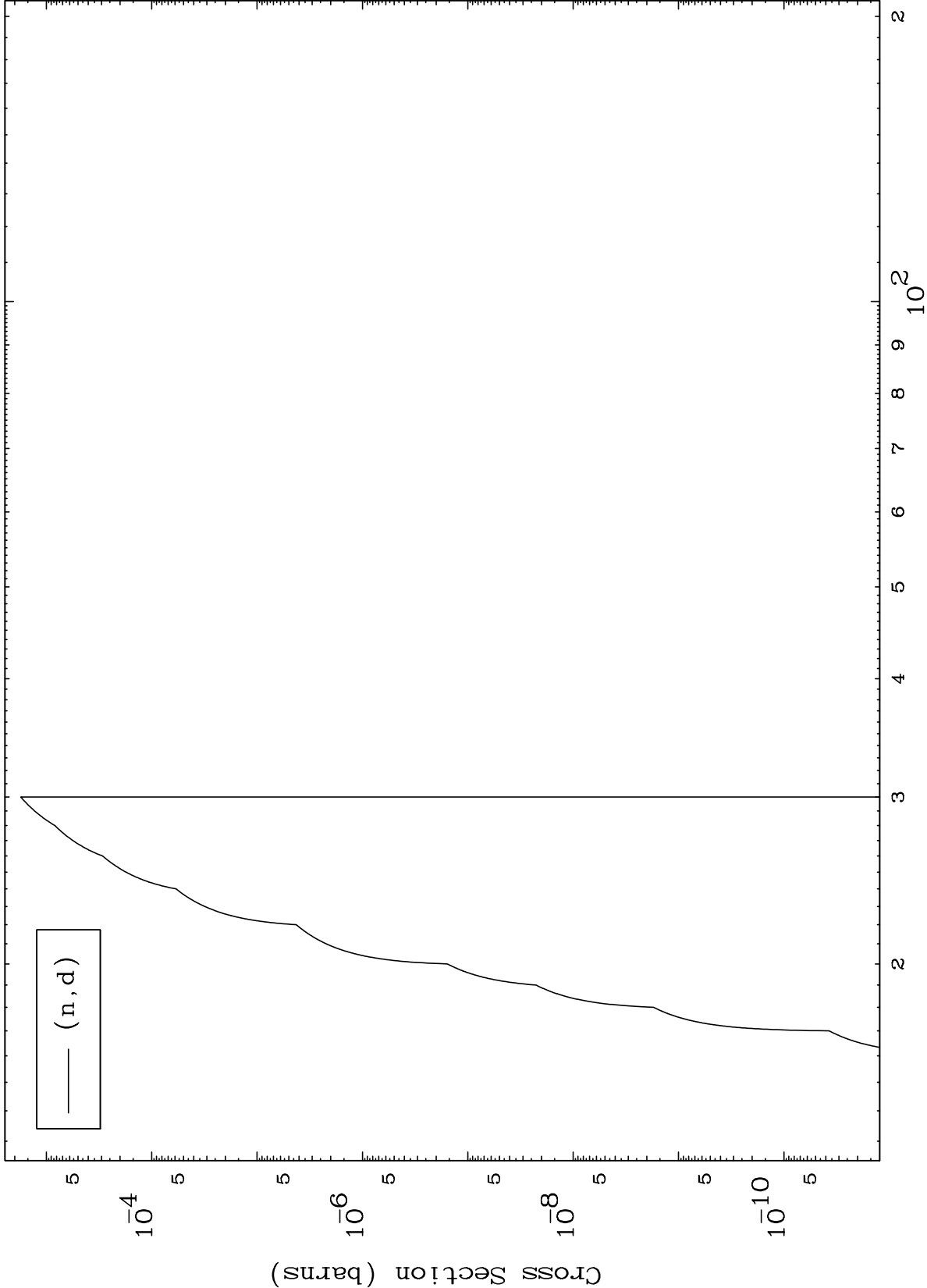
(α, p) Levels
0 Kelvin Cross Sections

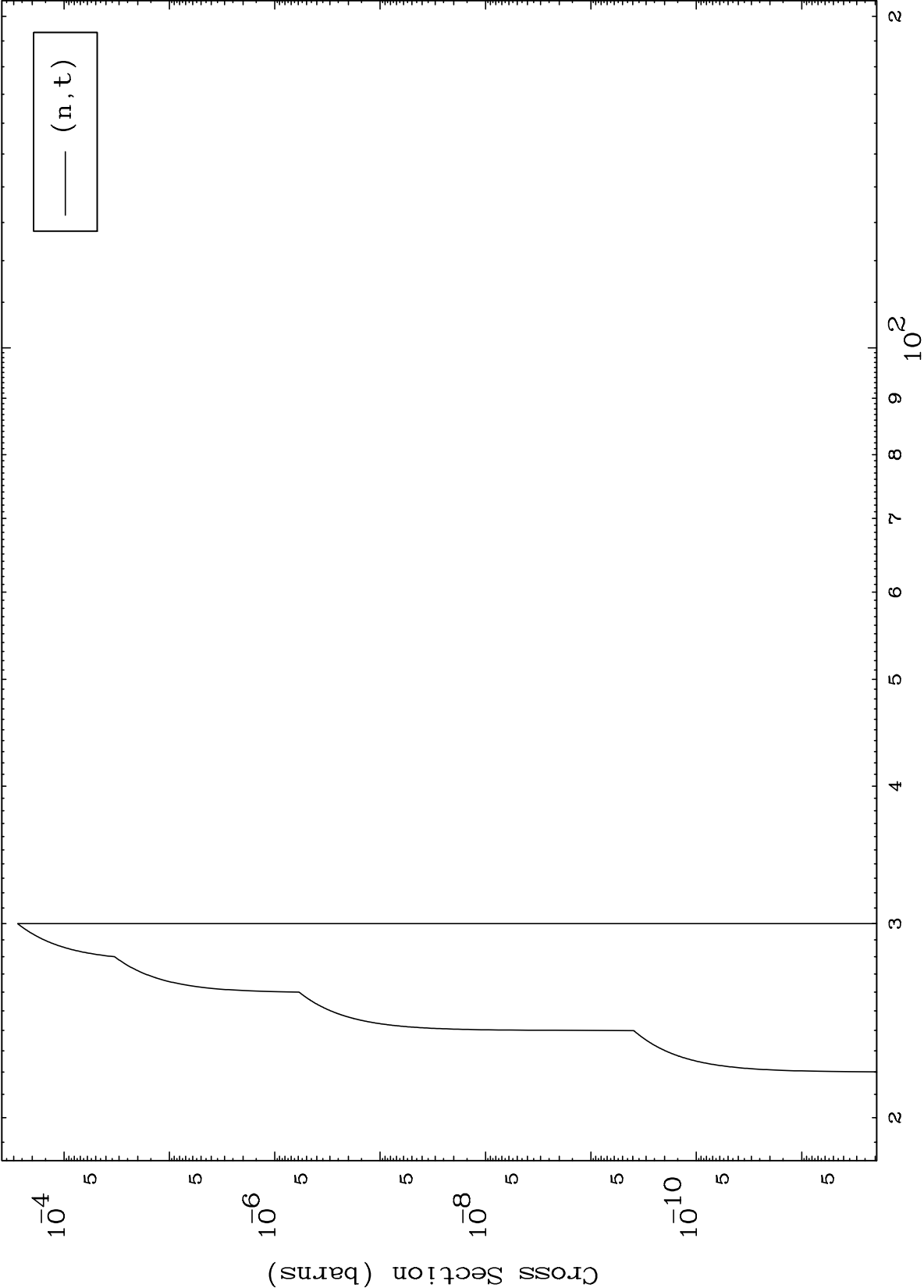


64-Gd-143

Incident Energy (MeV)

6

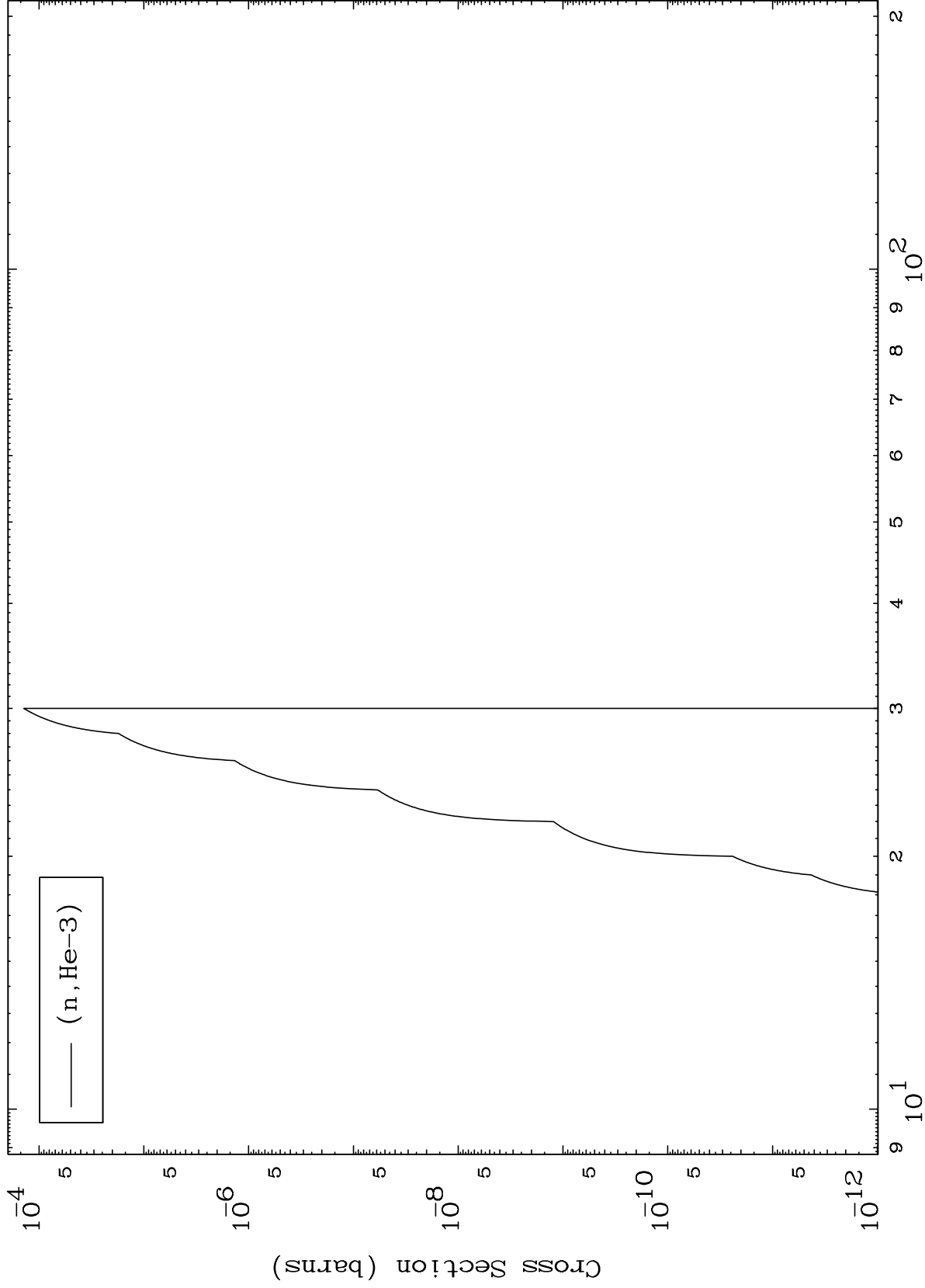




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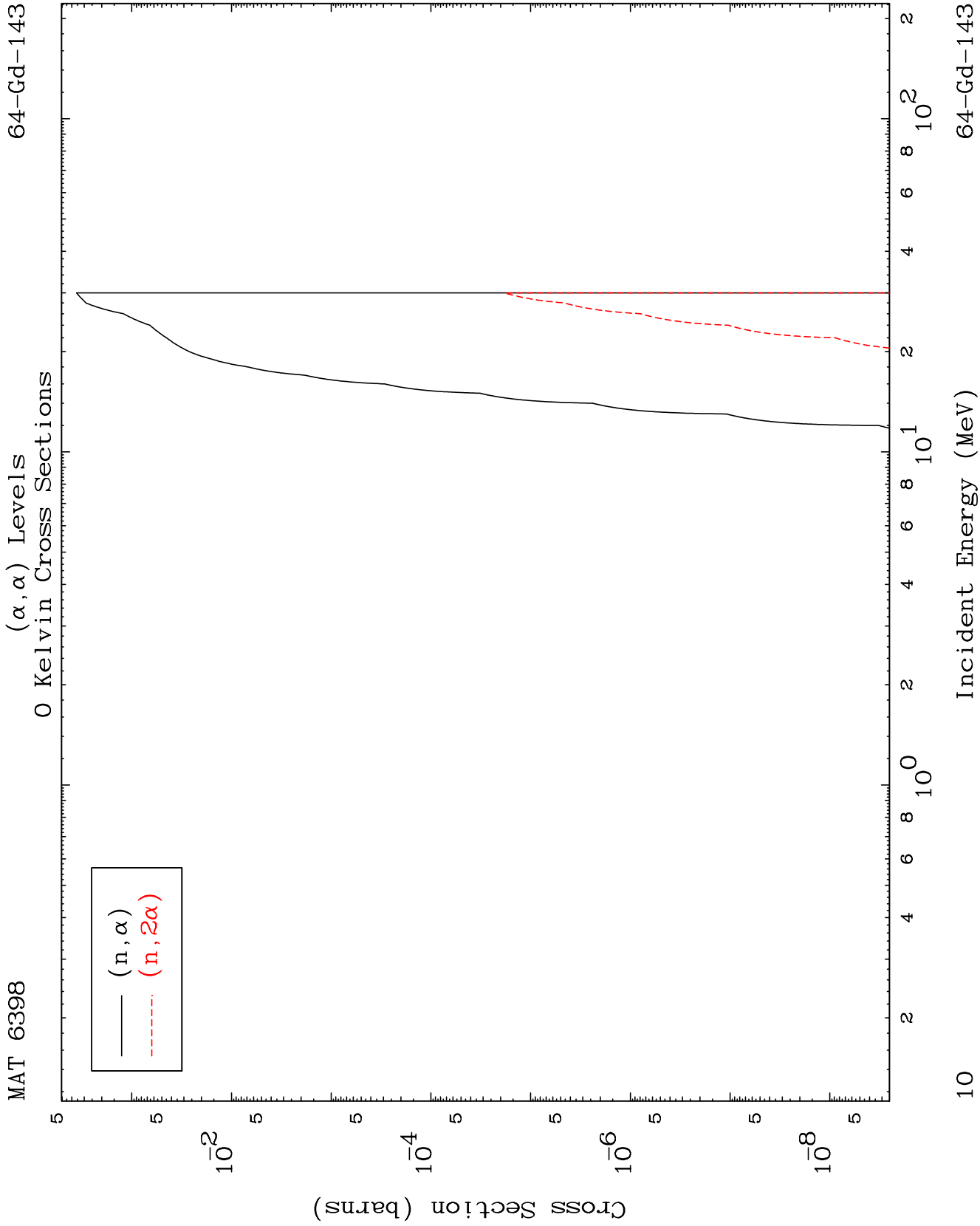
64-Gd-143

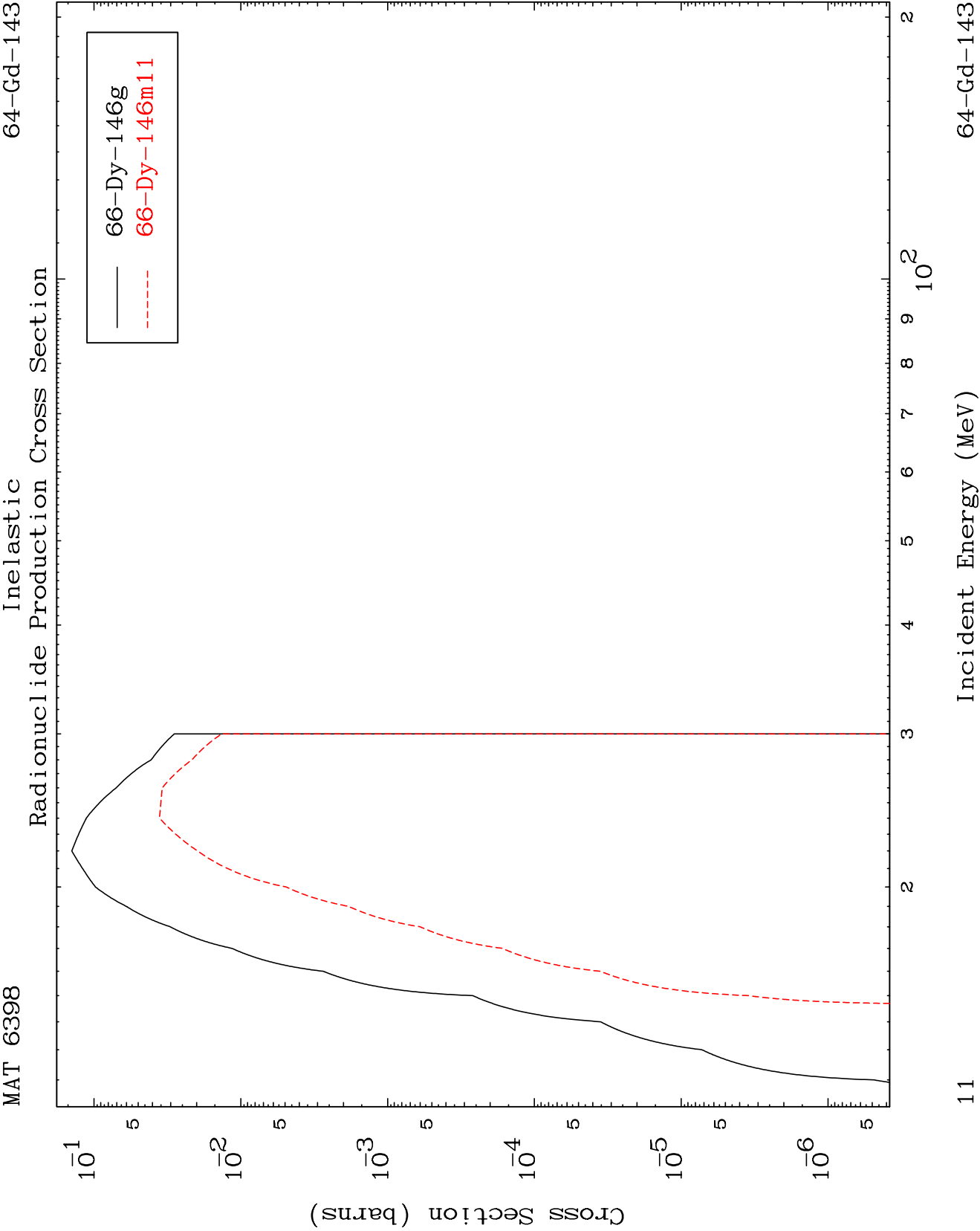
(α ,He3) Levels
0 Kelvin Cross Sections

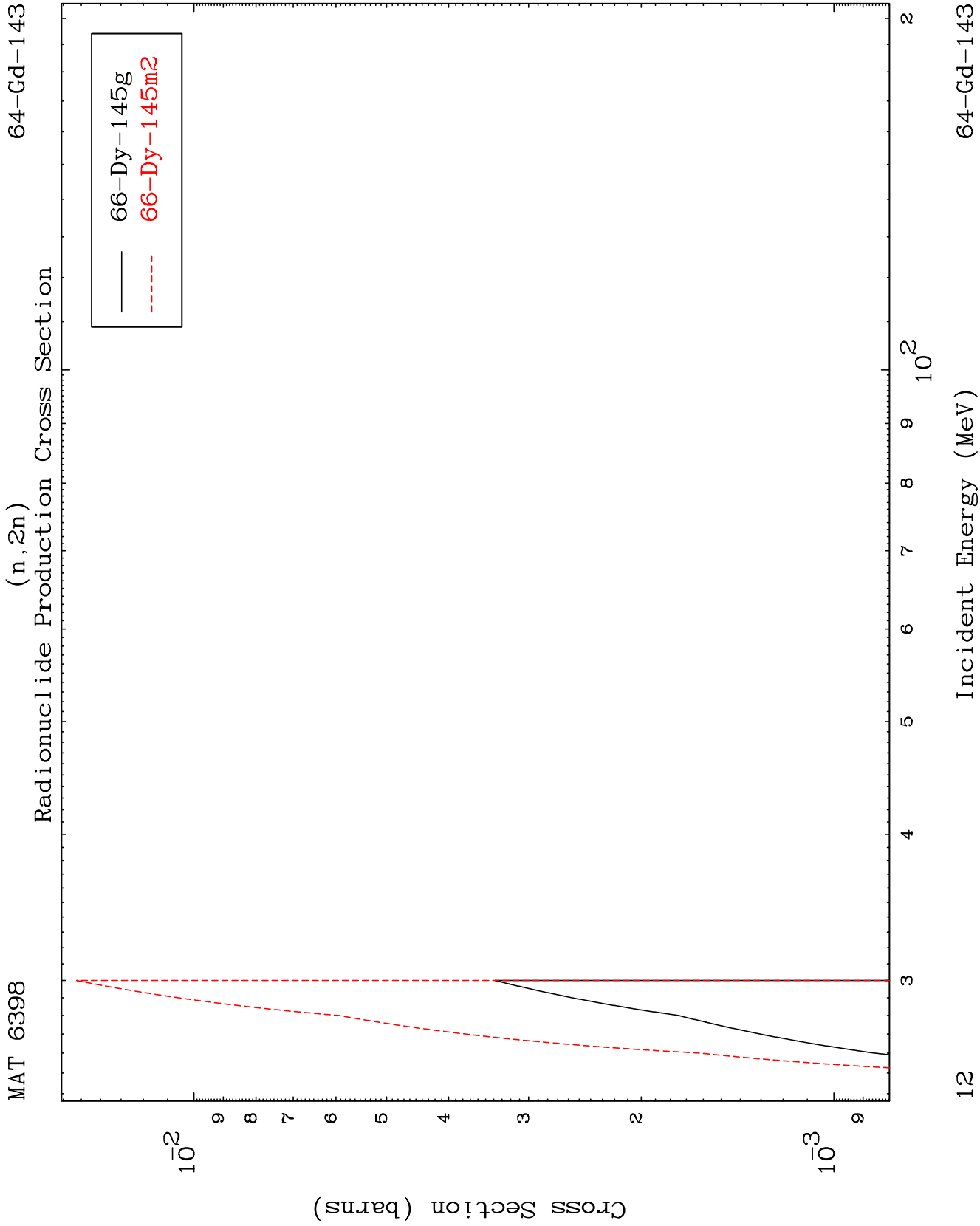


64-Gd-143

Incident Energy (MeV)



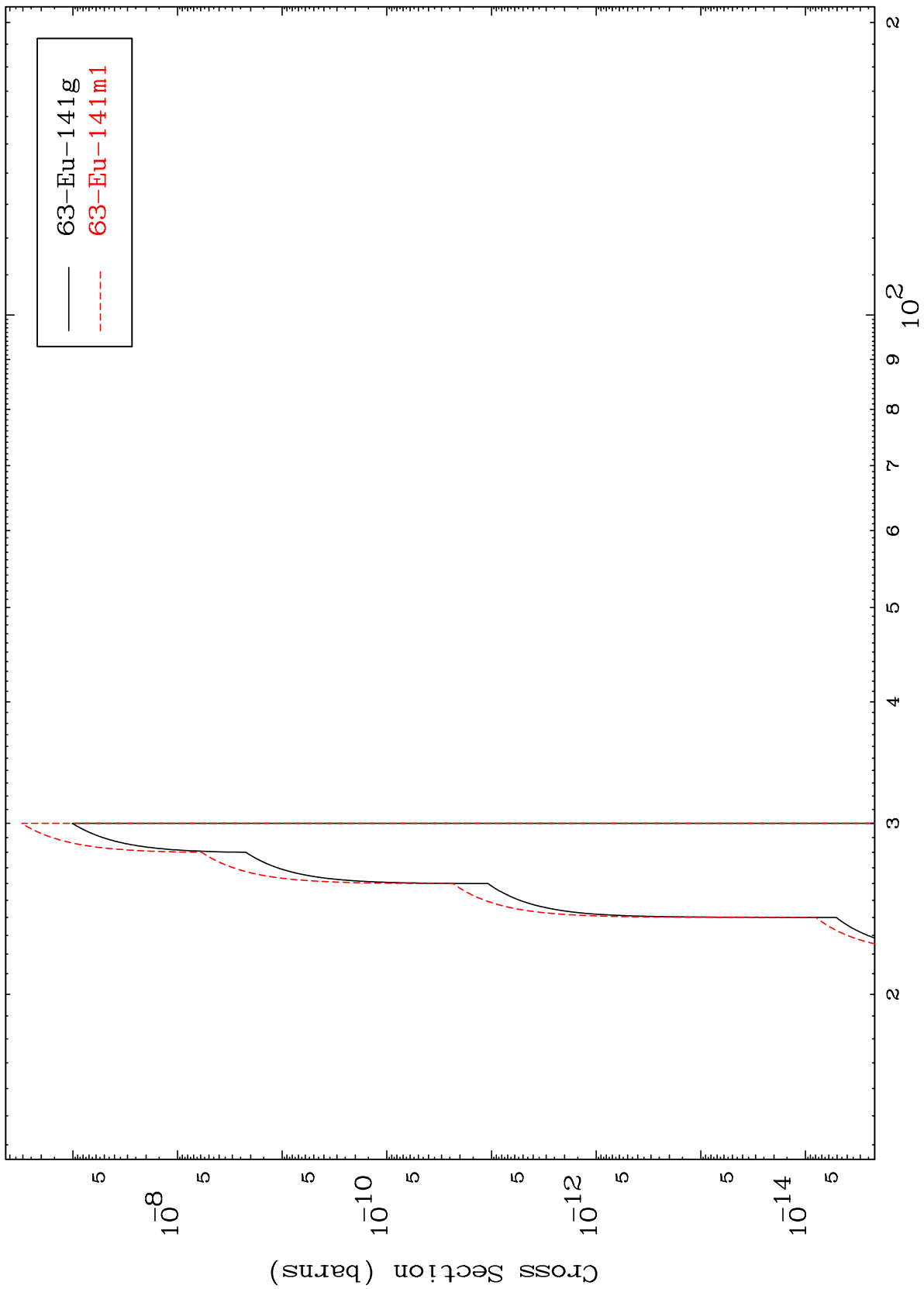




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64-Gd-143

(n,n') p α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

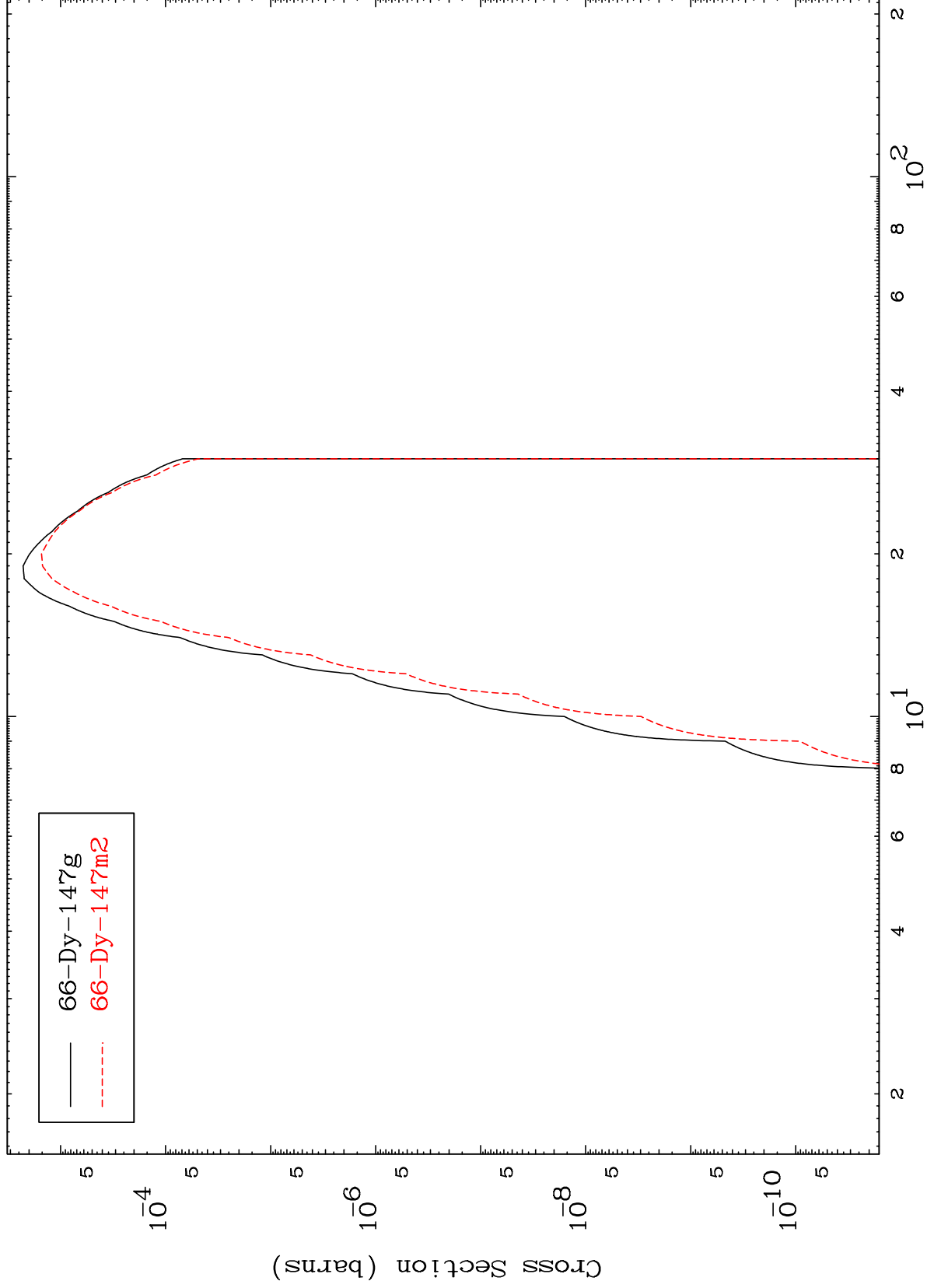
64-Gd-143

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64-Gd-143

Radionuclide Production Cross Section

(n, γ)



14

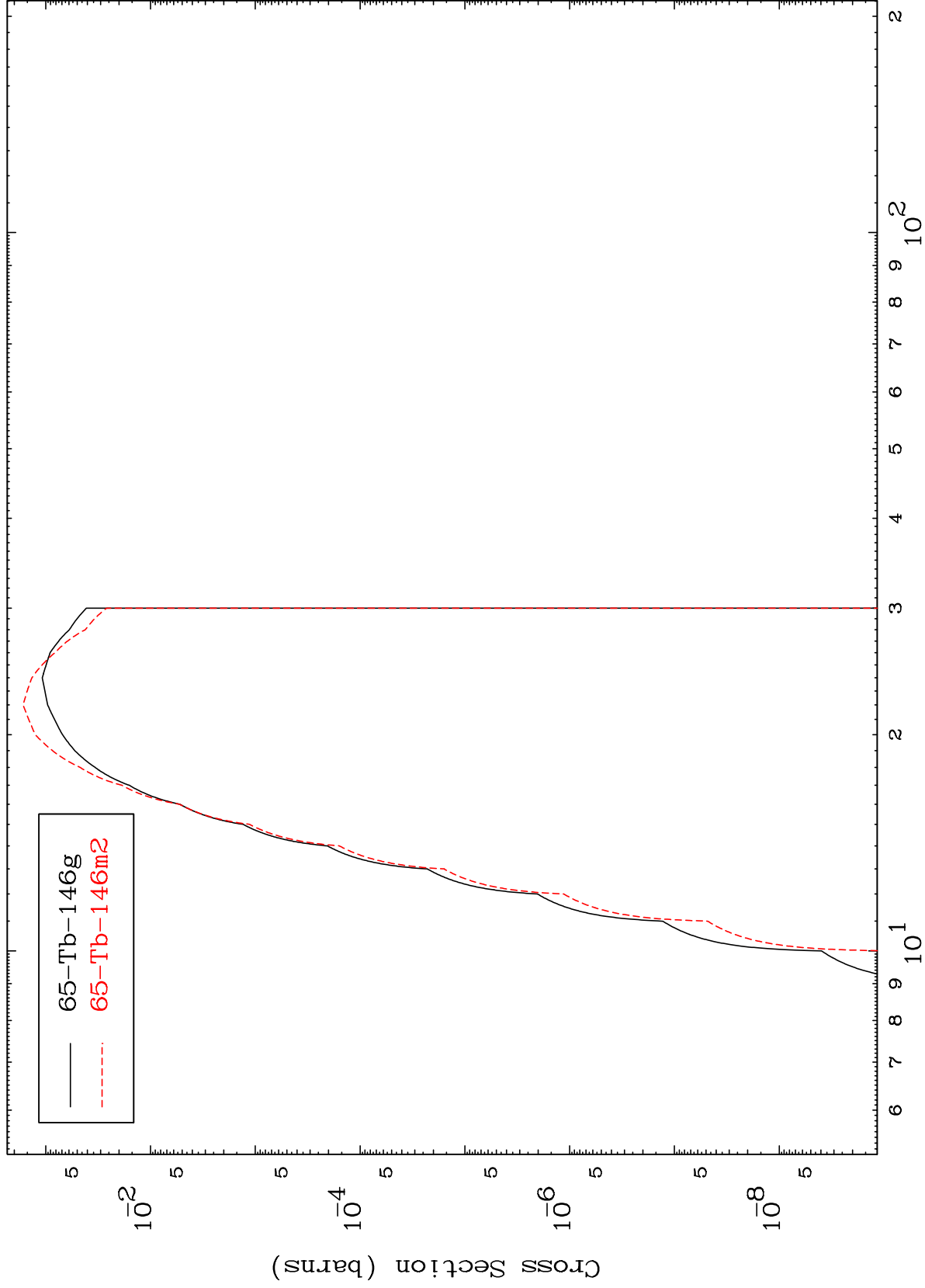
Incident Energy (MeV)

64-Gd-143

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64-Gd-143

Radionuclide Production Cross Section



15

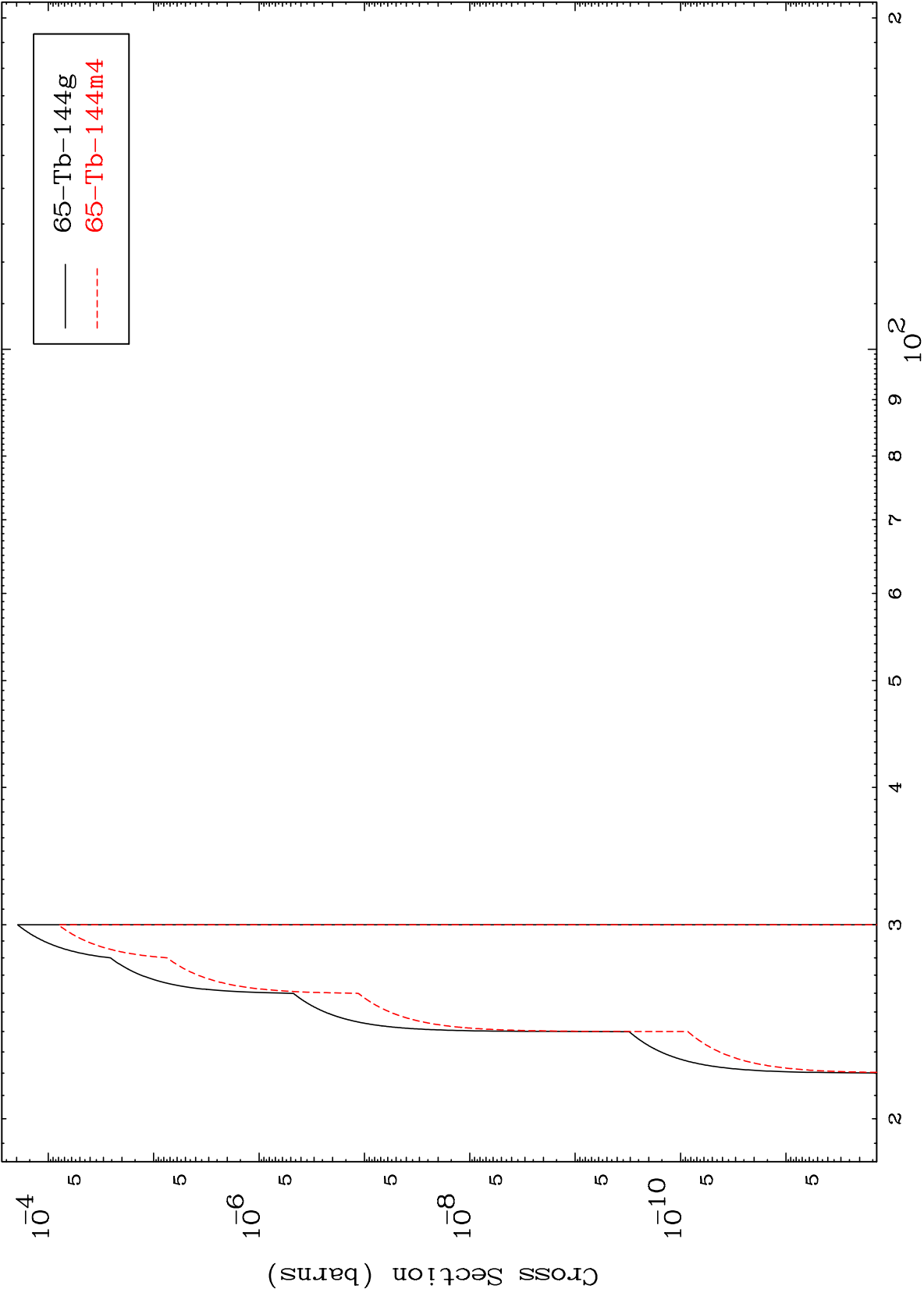
Incident Energy (MeV)

64-Gd-143

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64-Gd-143

(n,t)
Radionuclide Production Cross Section



16

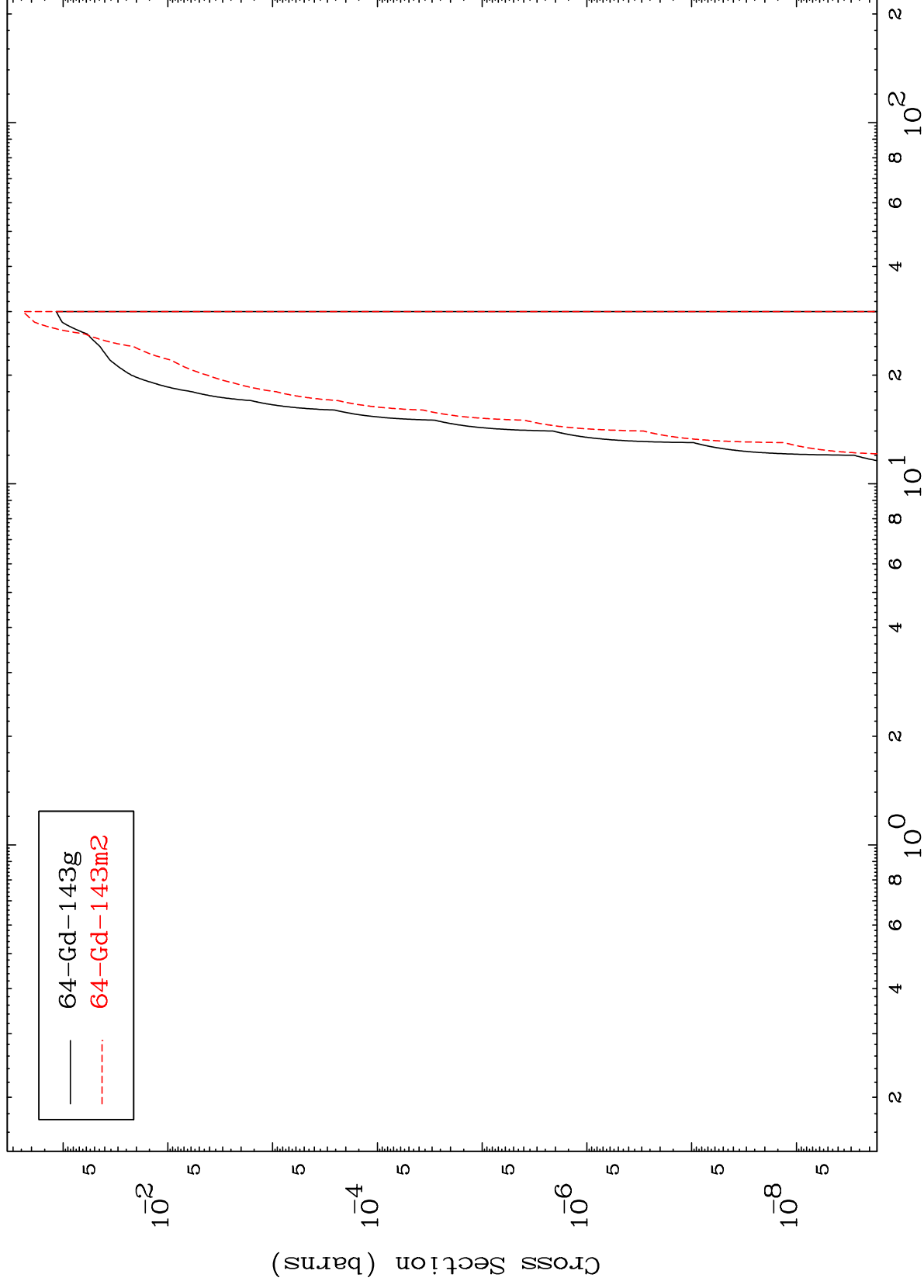
Incident Energy (MeV)

64-Gd-143

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64-Gd-143

Radionuclide Production Cross Section
(n, α)



17

Incident Energy (MeV)

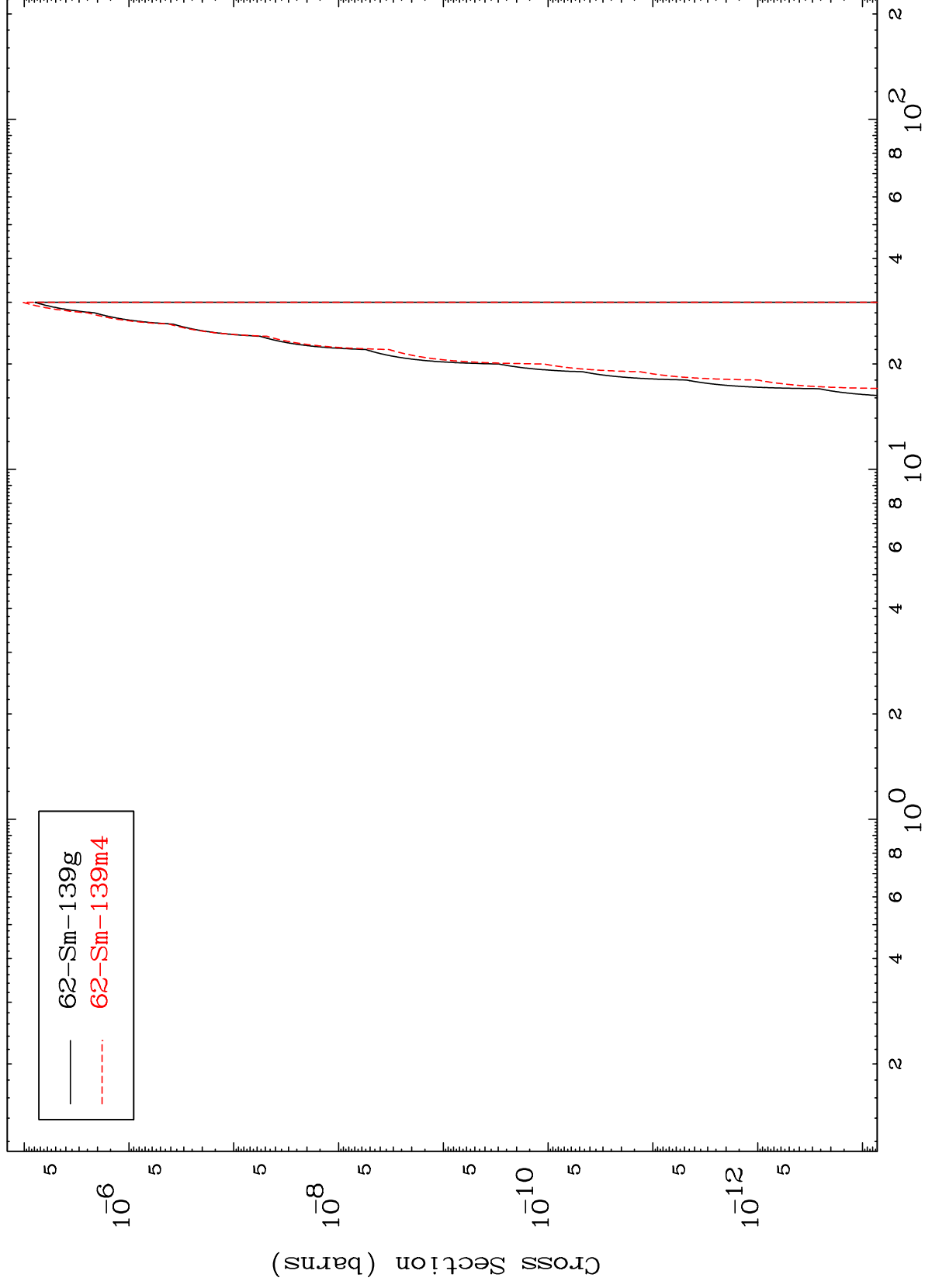
64-Gd-143

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(n,2α)

64-Gd-143

Radionuclide Production Cross Section



18

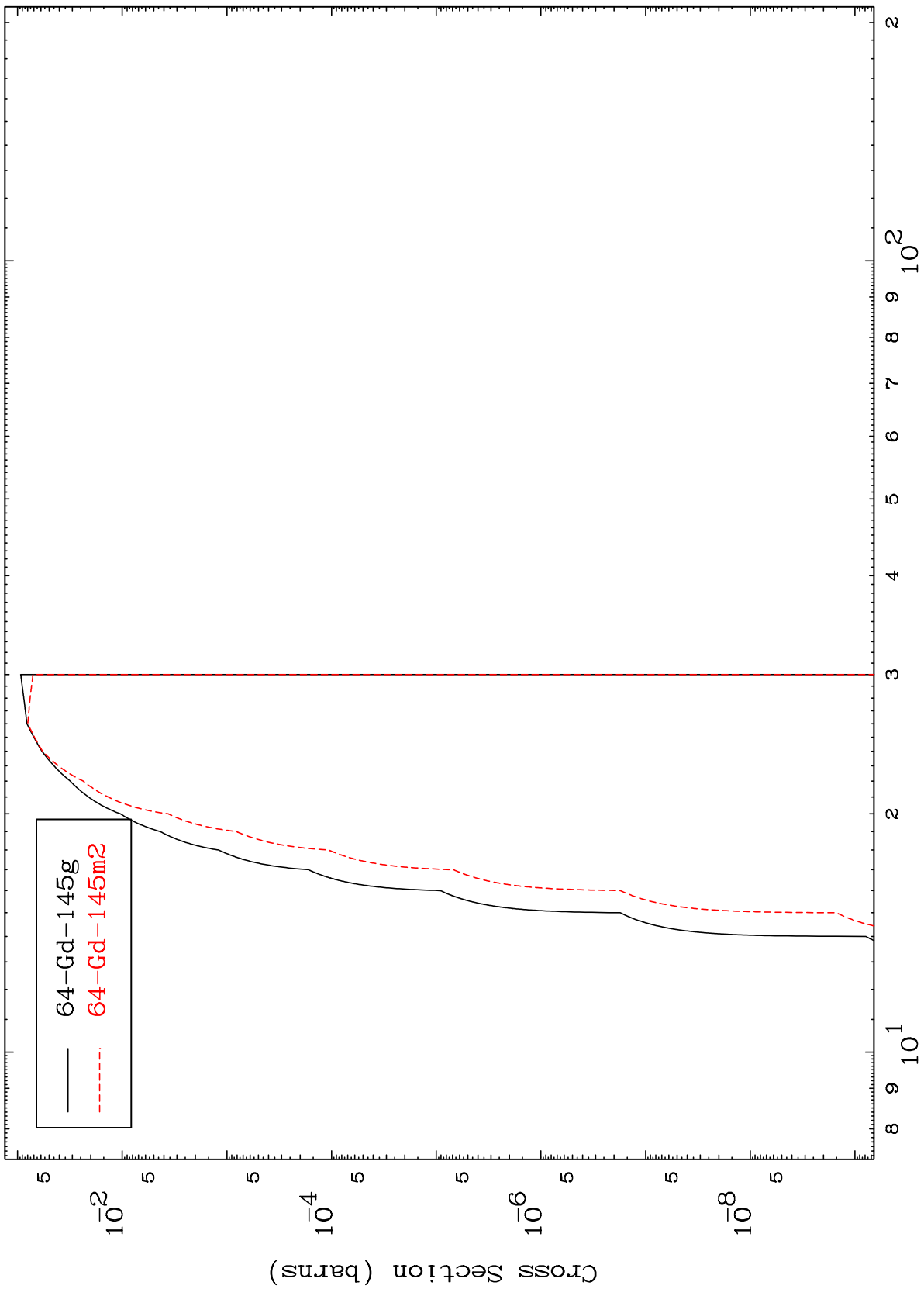
Incident Energy (MeV)

64-Gd-143

MAT 6398

64-Gd-143

Radionuclide Production Cross Section
(n,2p)



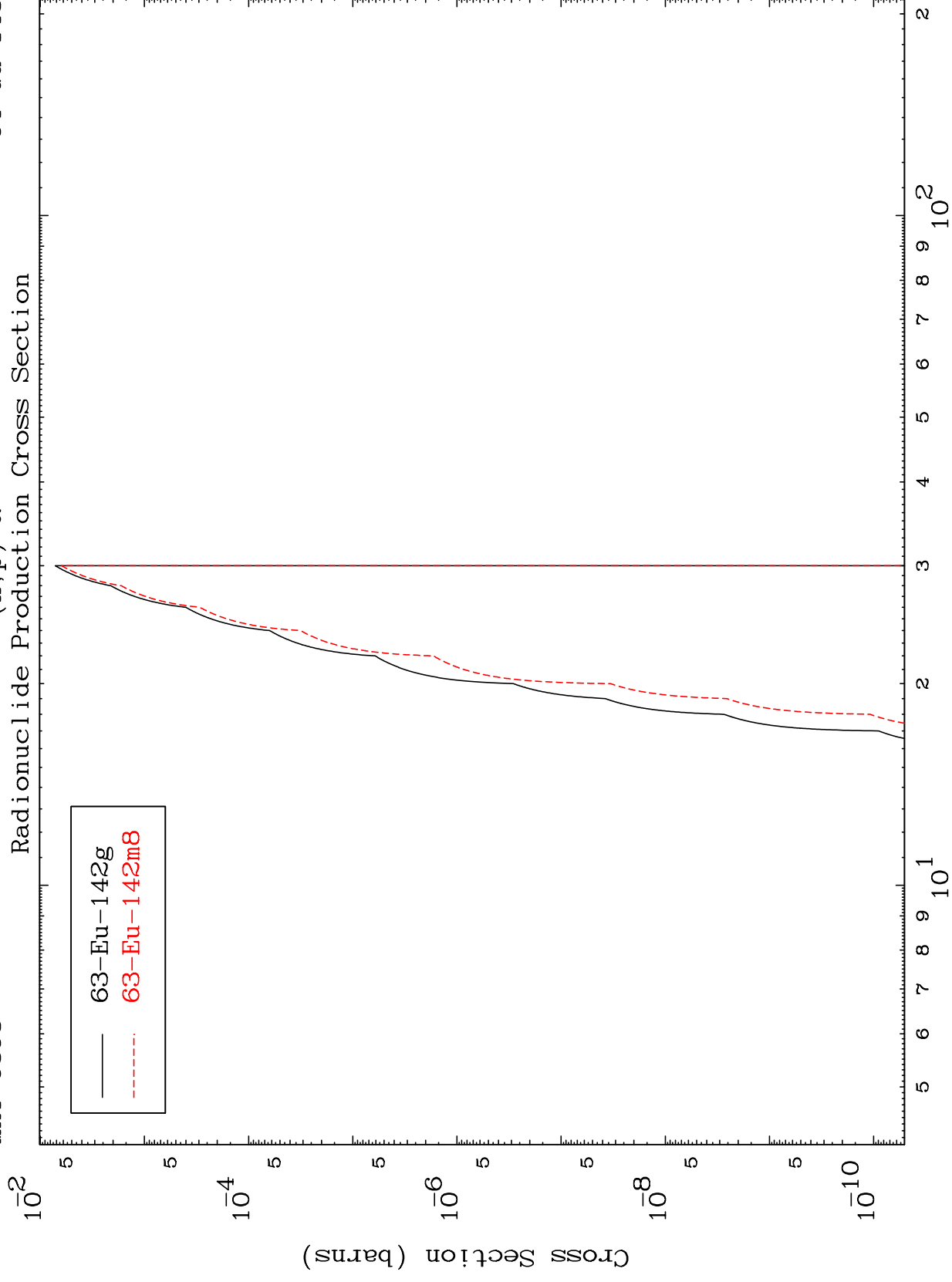
19

Incident Energy (MeV)

64-Gd-143

$$(n, p) \propto$$

Radionuclide Production Cross Section



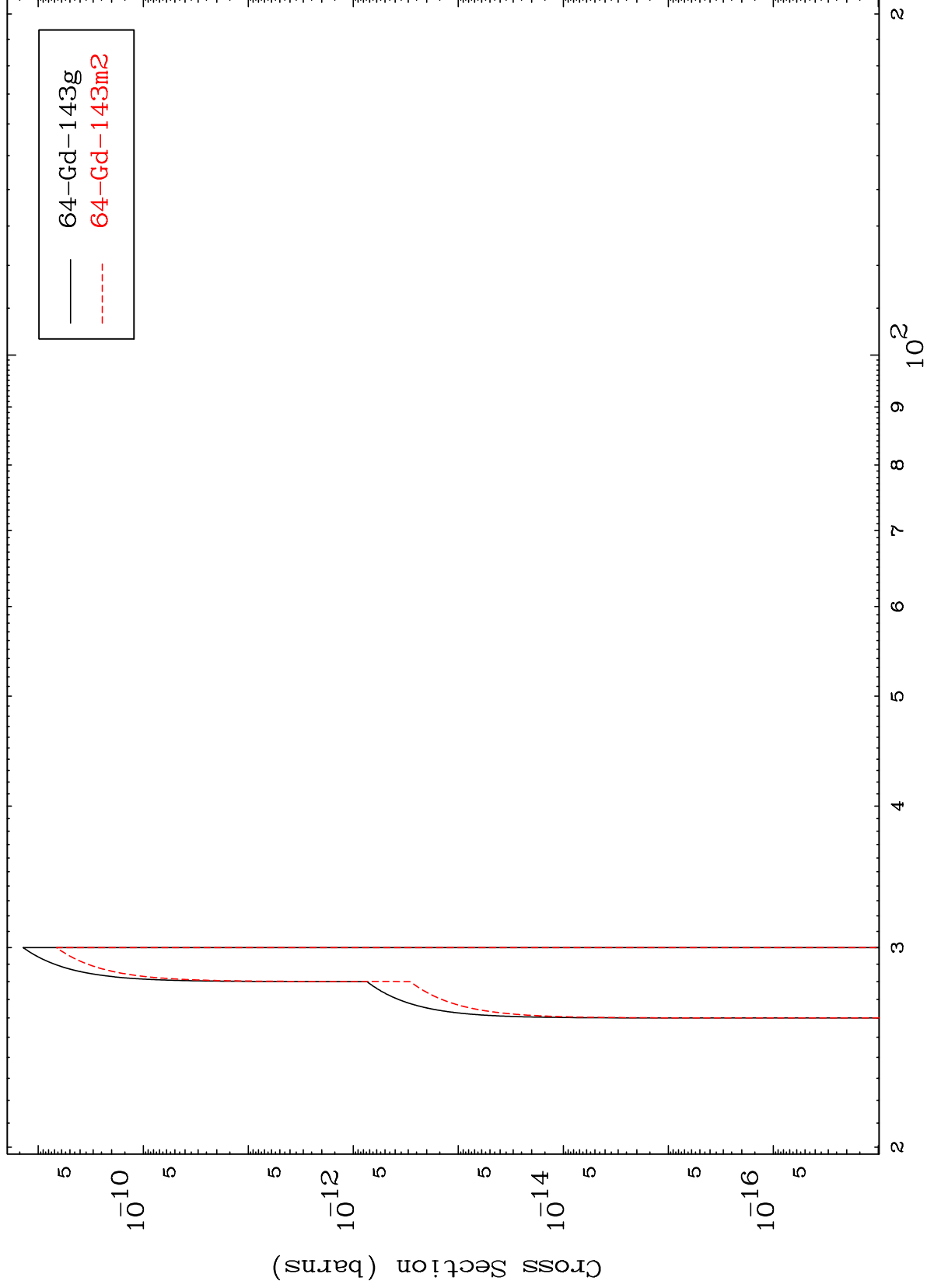
Incident Energy (MeV)

64-Gd-143

MAT 6398

64-Gd-143

(n,p) t
Radionuclide Production Cross Section



64-Gd-143

Incident Energy (MeV)

21