

Program EVALPLOT
(Version 2021-1)

by

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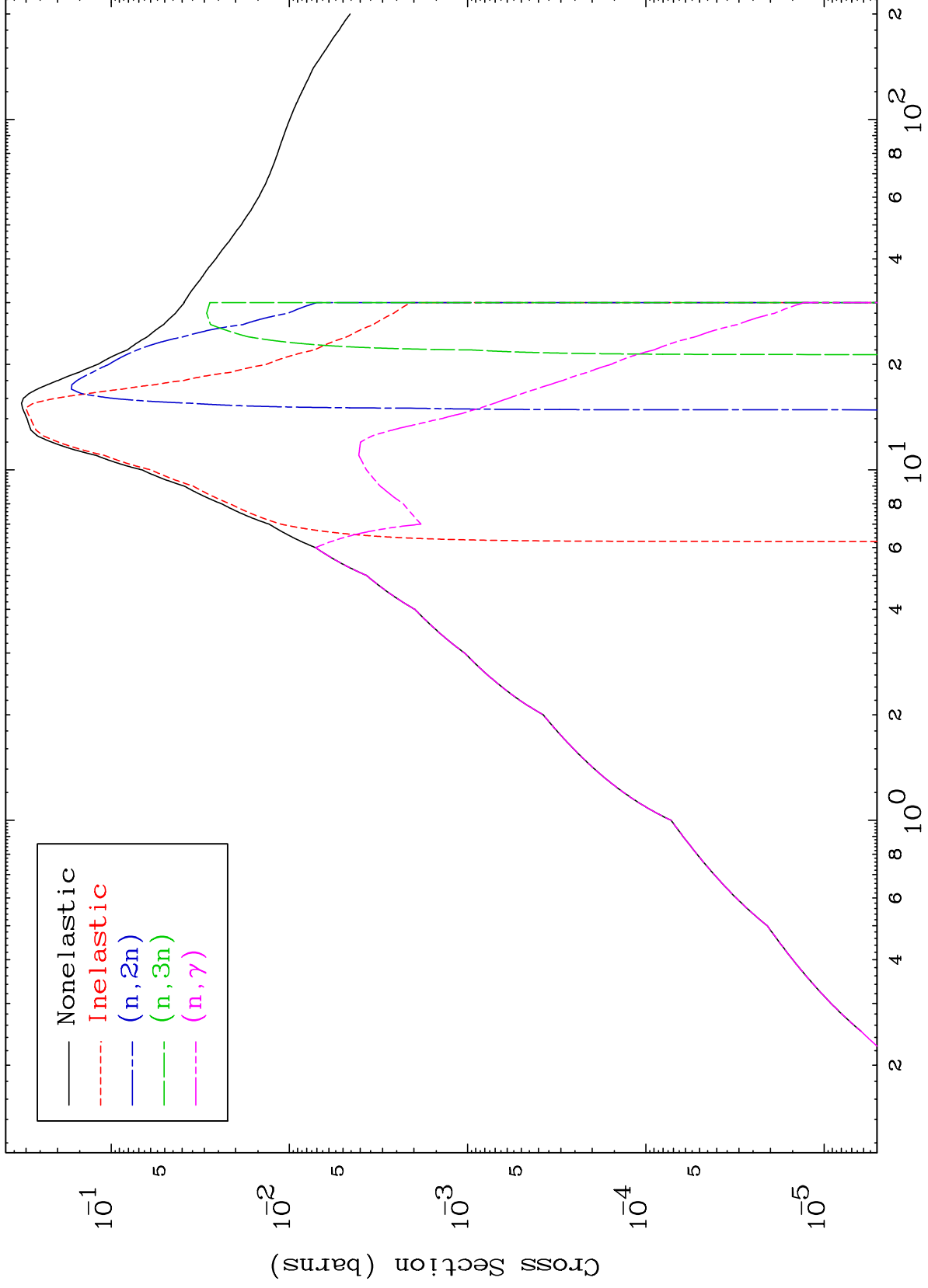
Press Mouse Button to Start

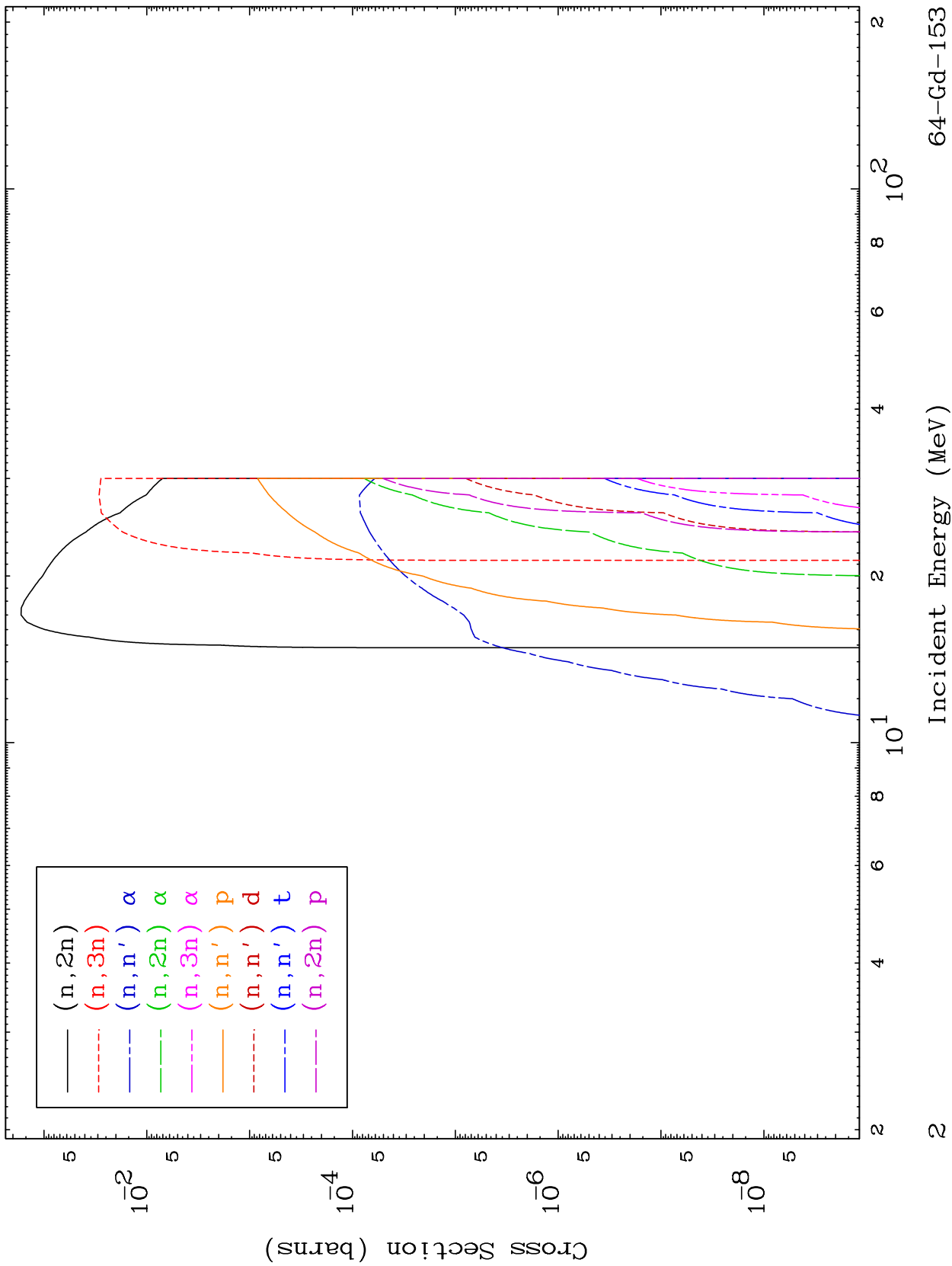
MAT 6428

Photon Major

64-Gd-153

0 Kelvin Cross Sections

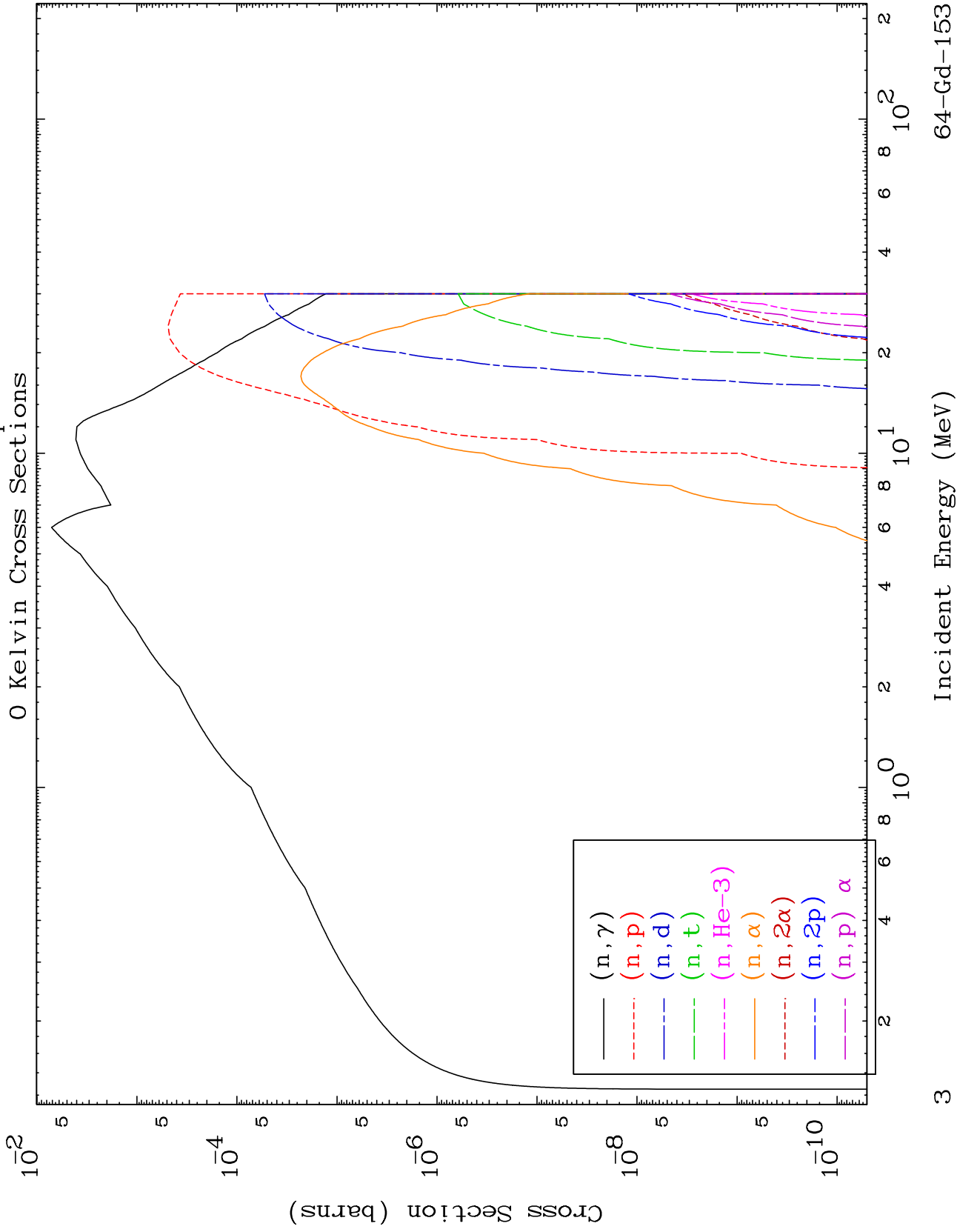




MAT 6428

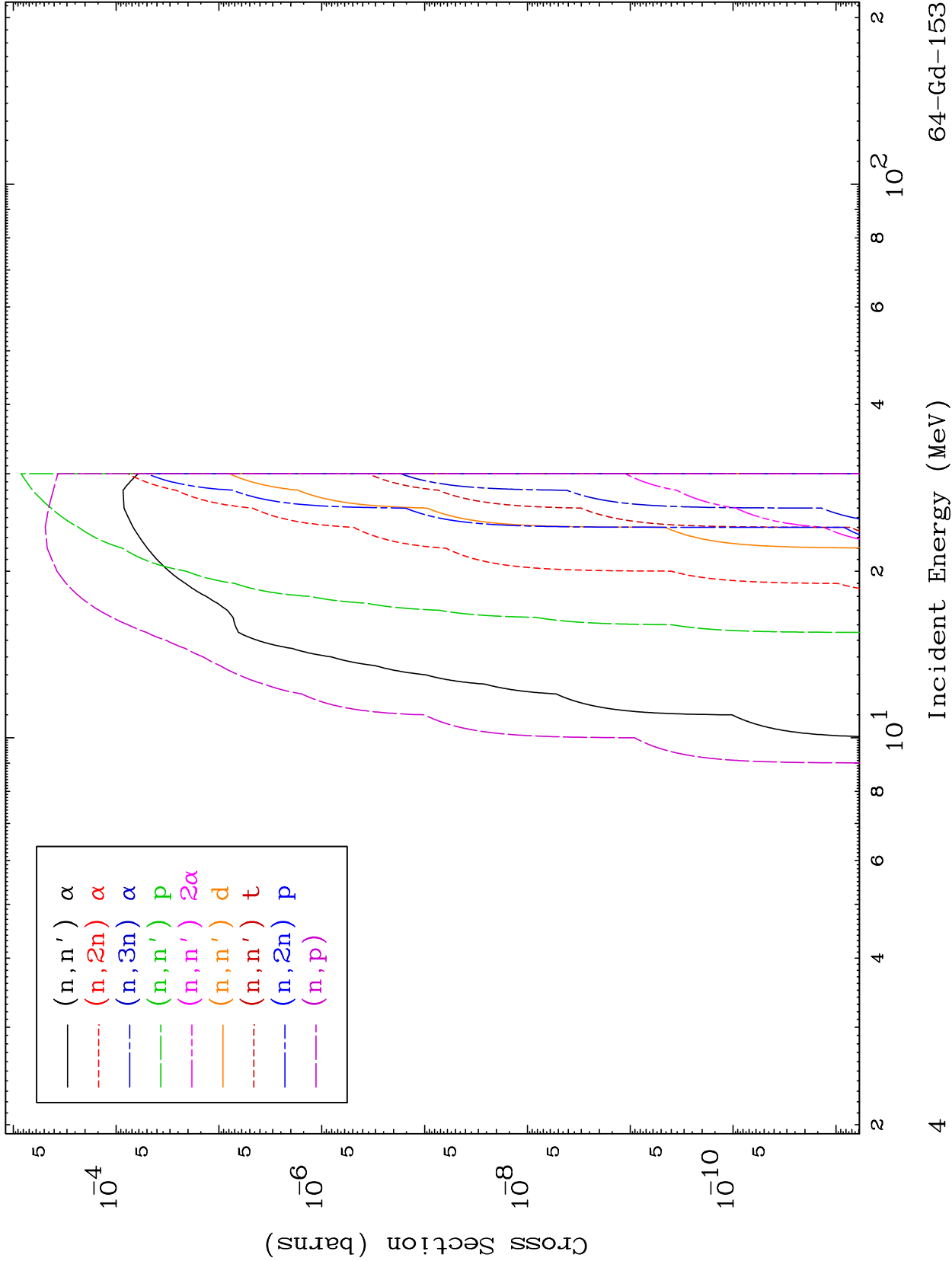
Photon Neutron Absorption
0 Kelvin Cross Sections

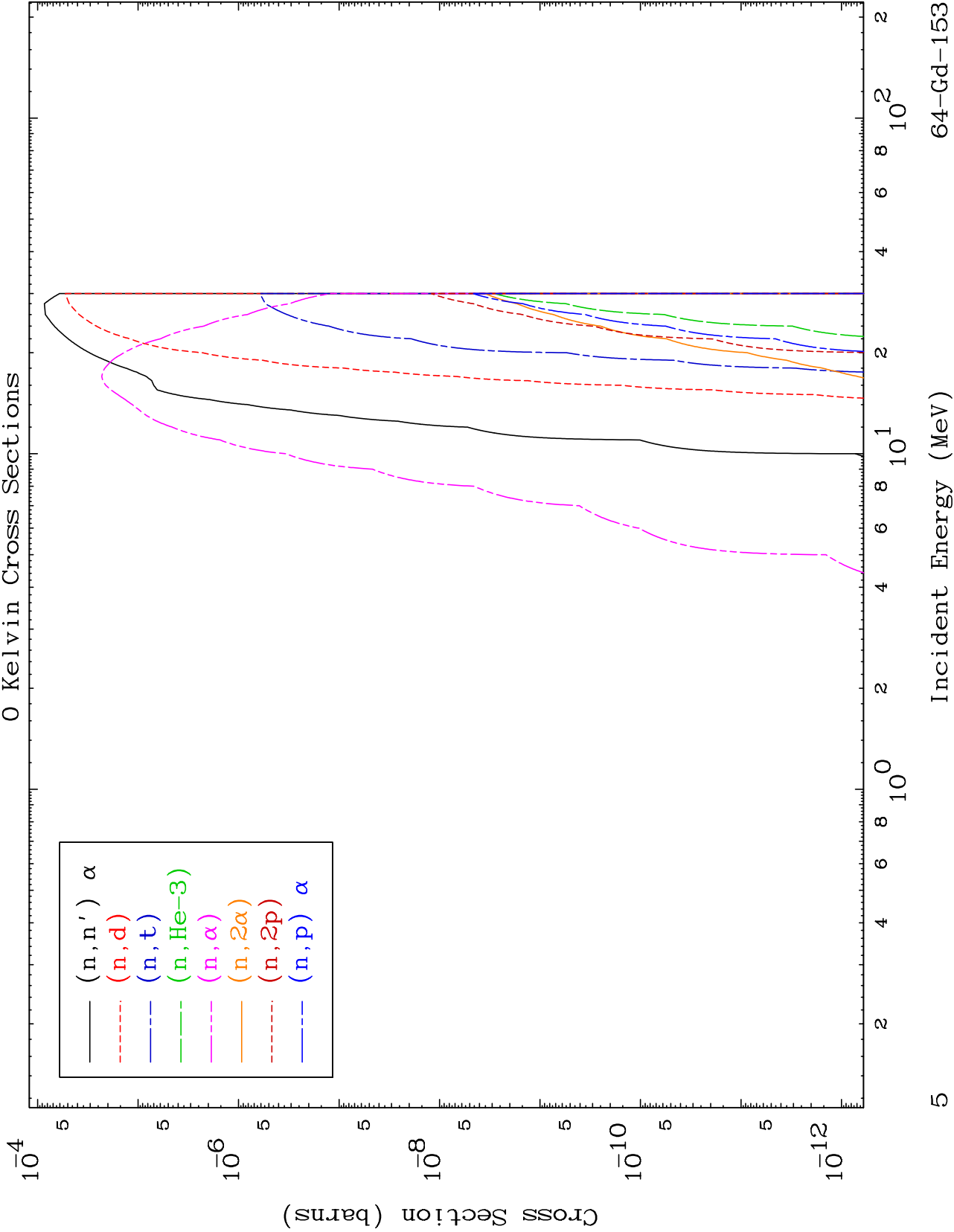
64-Gd-153



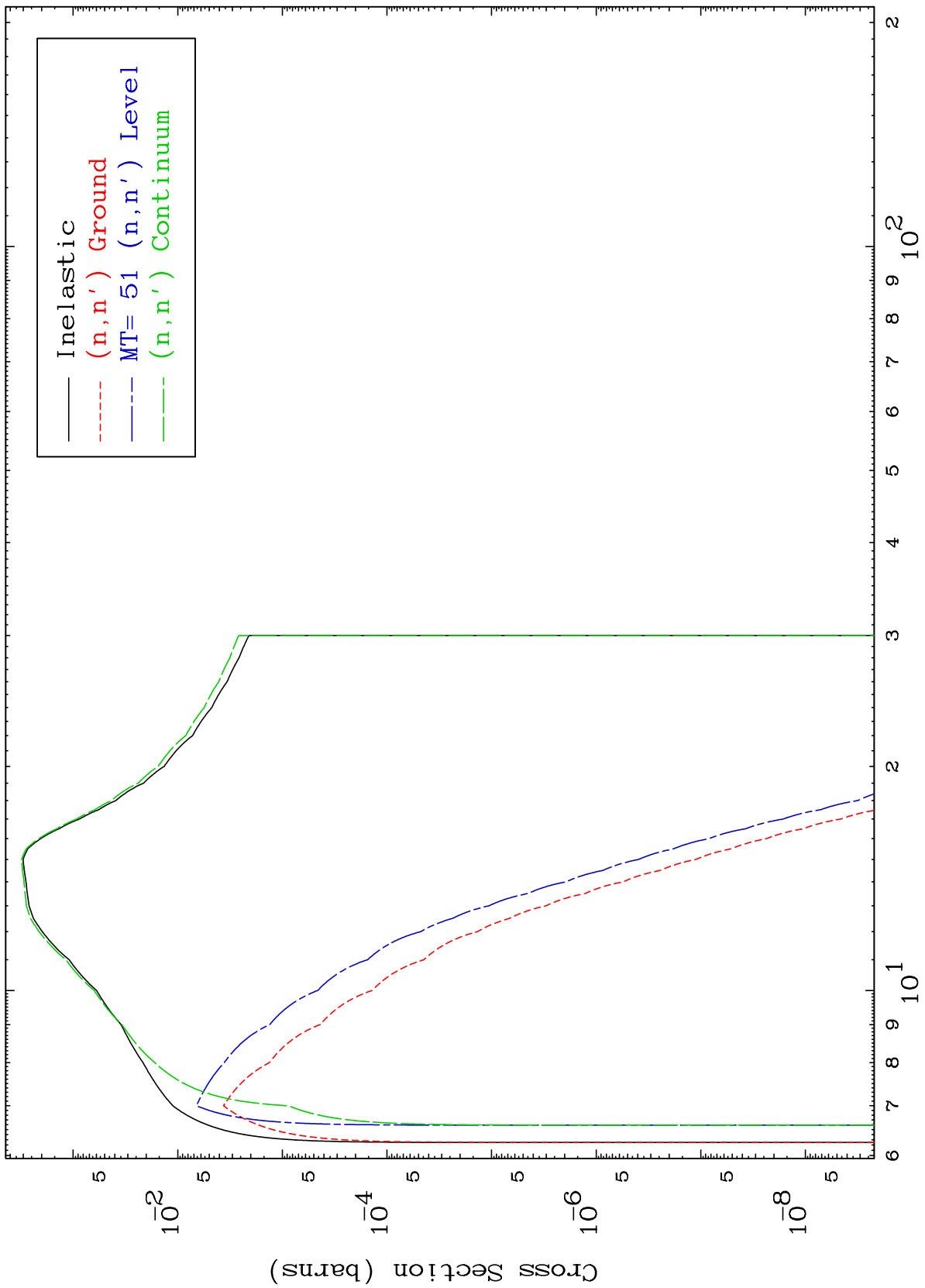
64-Gd-153

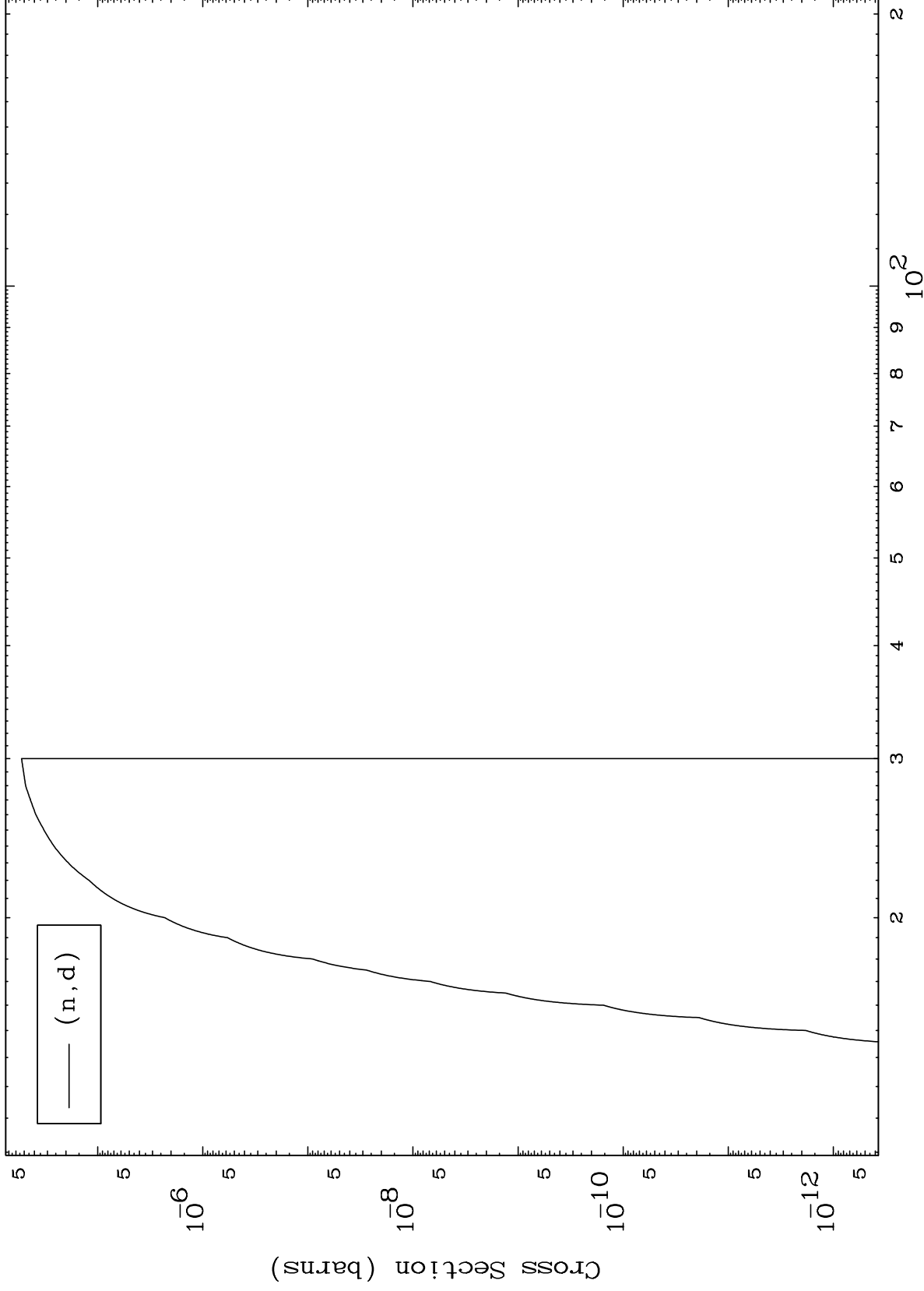
Incident Energy (MeV)

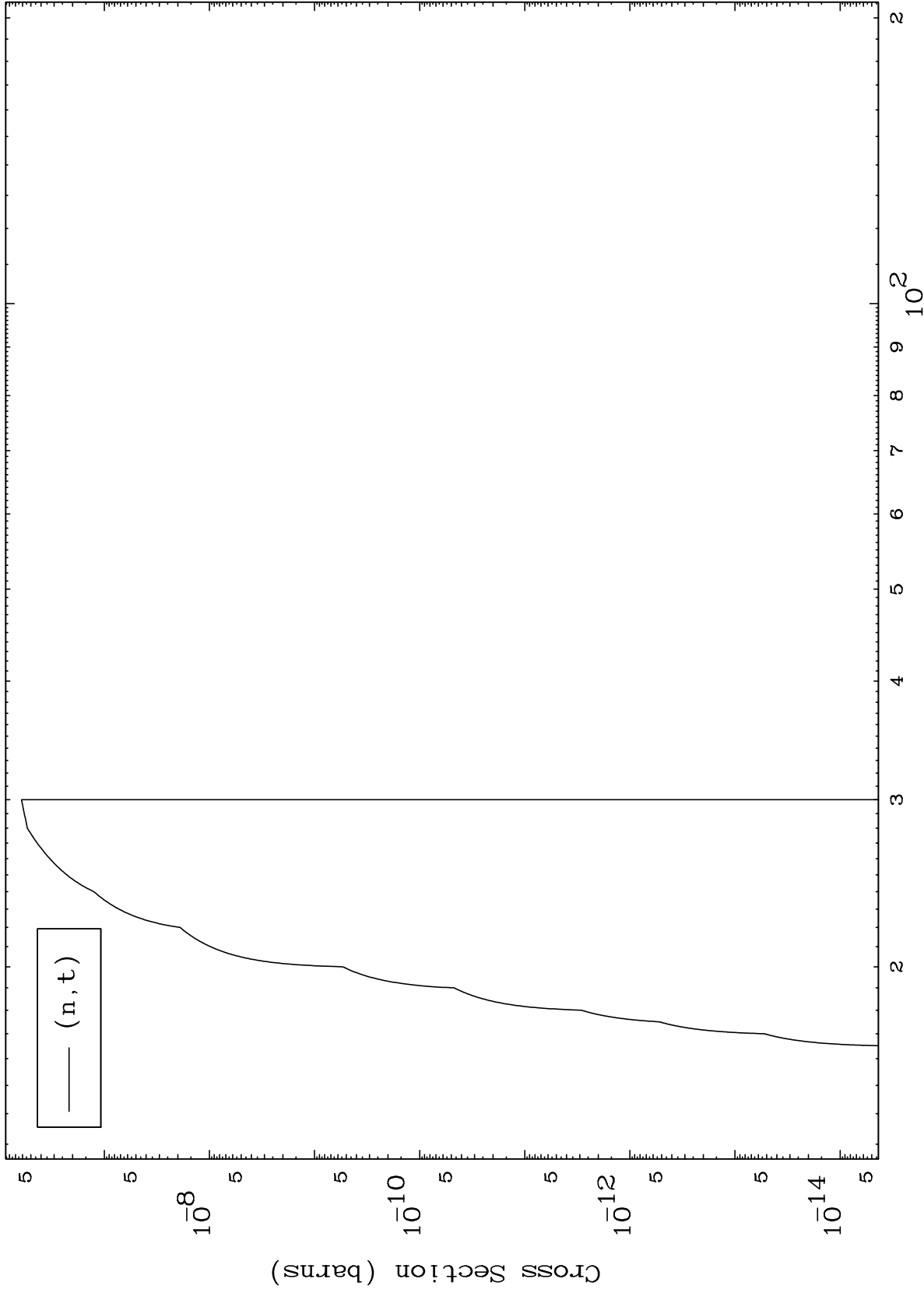




(γ, n') Levels
0 Kelvin Cross Sections



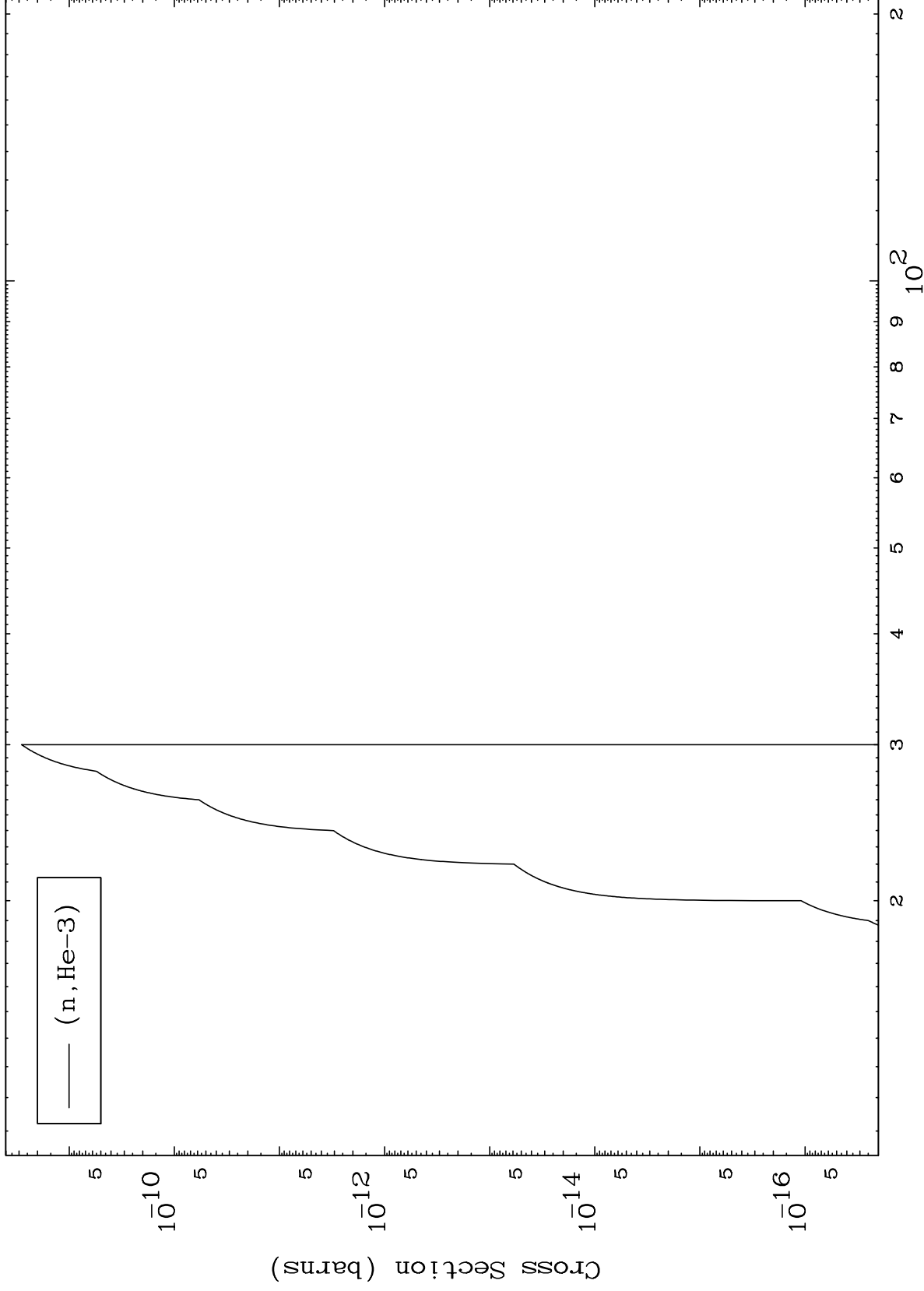




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($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

64-Gd-153



10

Incident Energy (MeV)

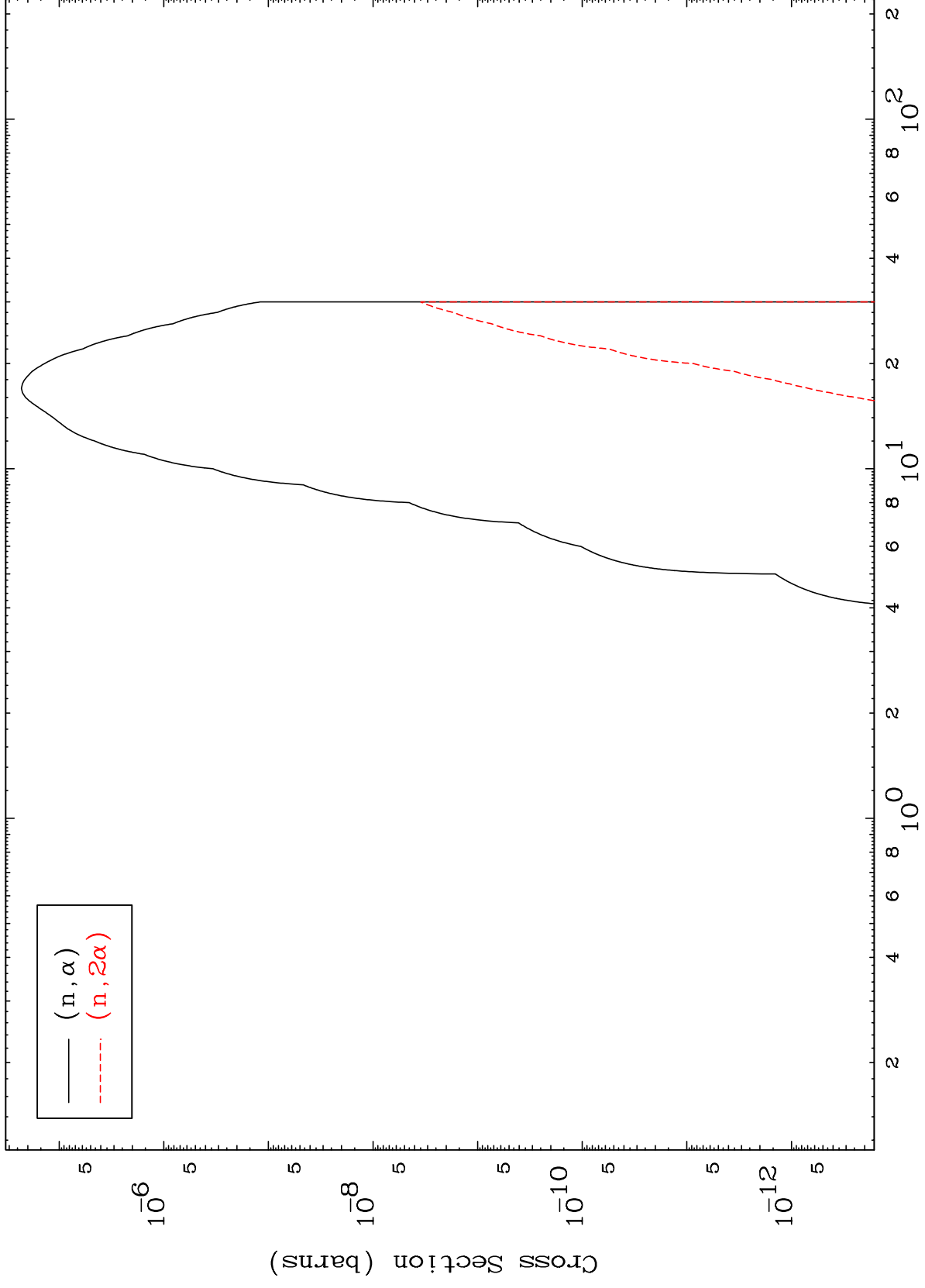
64-Gd-153

MAT 6428

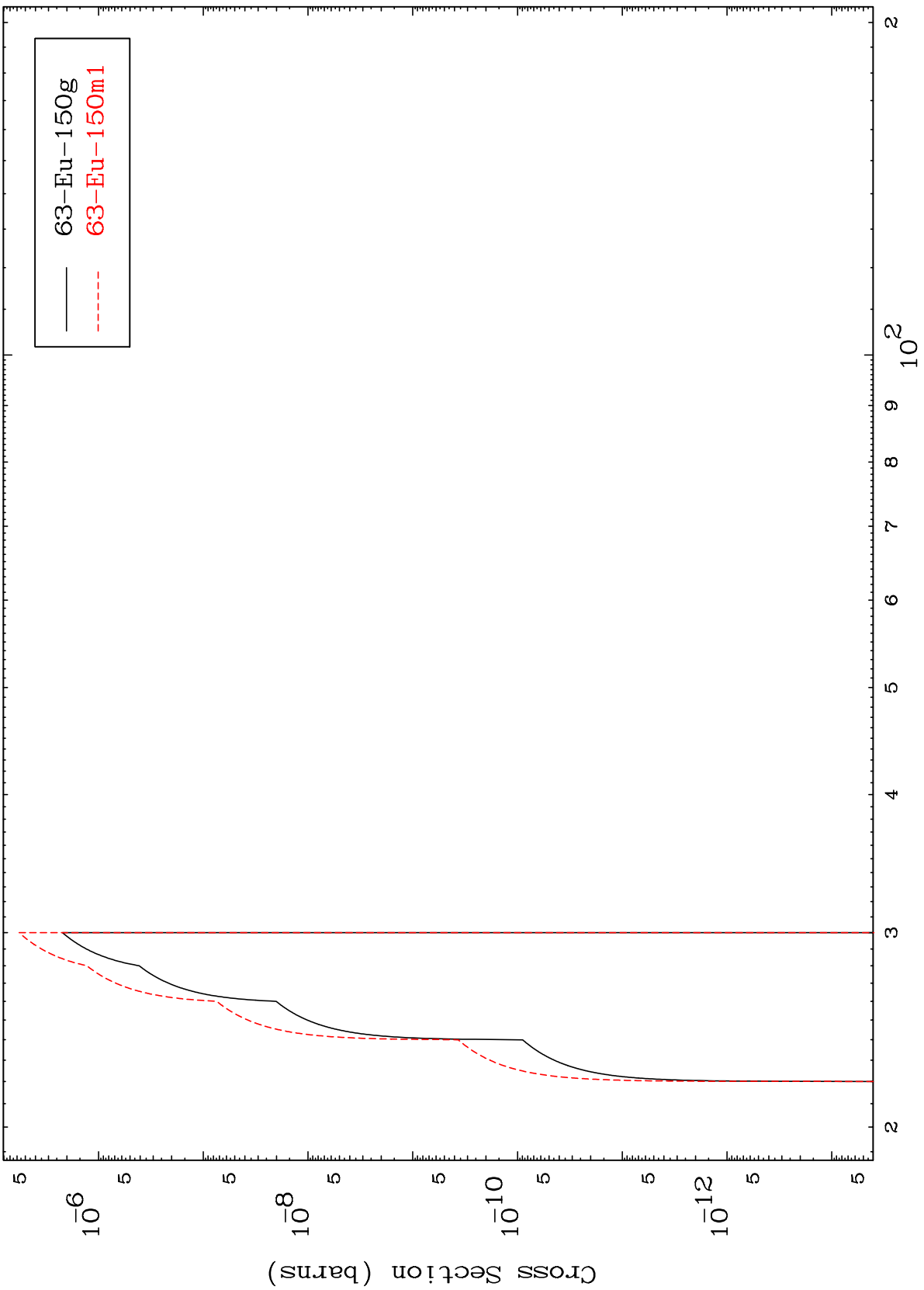
(γ, α) Levels

64-Gd-153

0 Kelvin Cross Sections



Radionuclide Production Cross Section

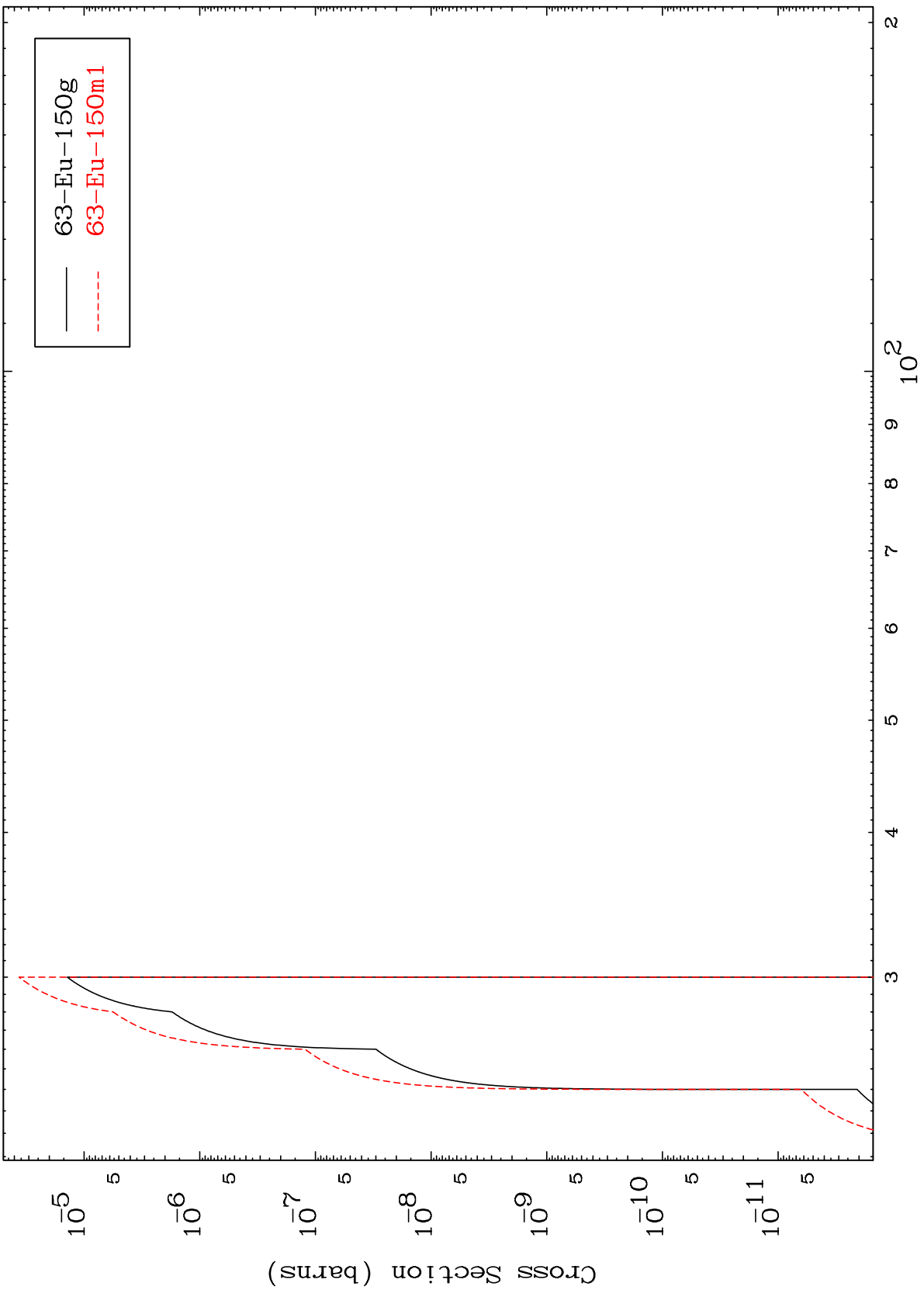


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(n,2n) p

64-Gd-153

Radionuclide Production Cross Section



13

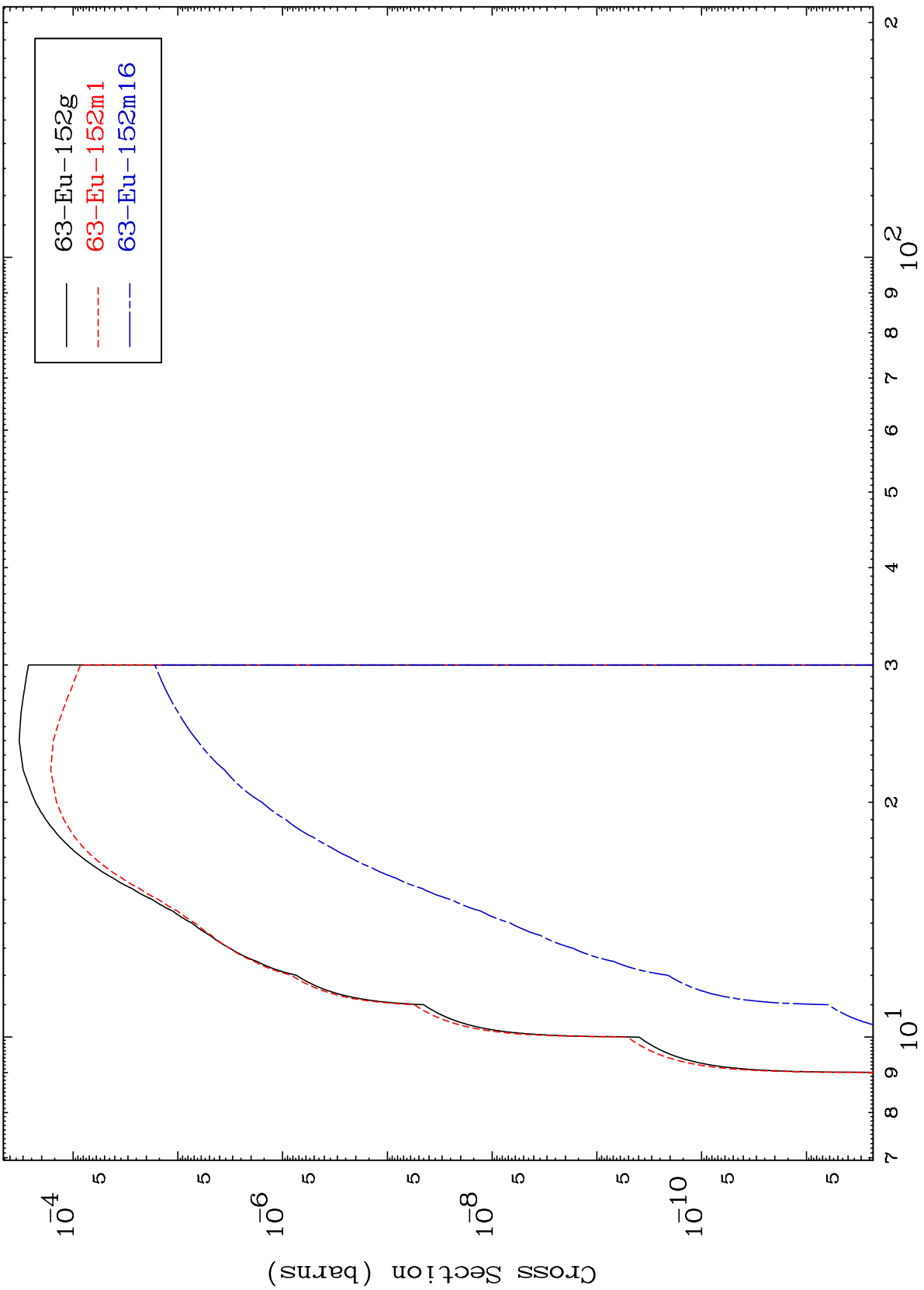
Incident Energy (MeV)

64-Gd-153

MAT 6428

64-Gd-153

(n,p)
Radionuclide Production Cross Section



14

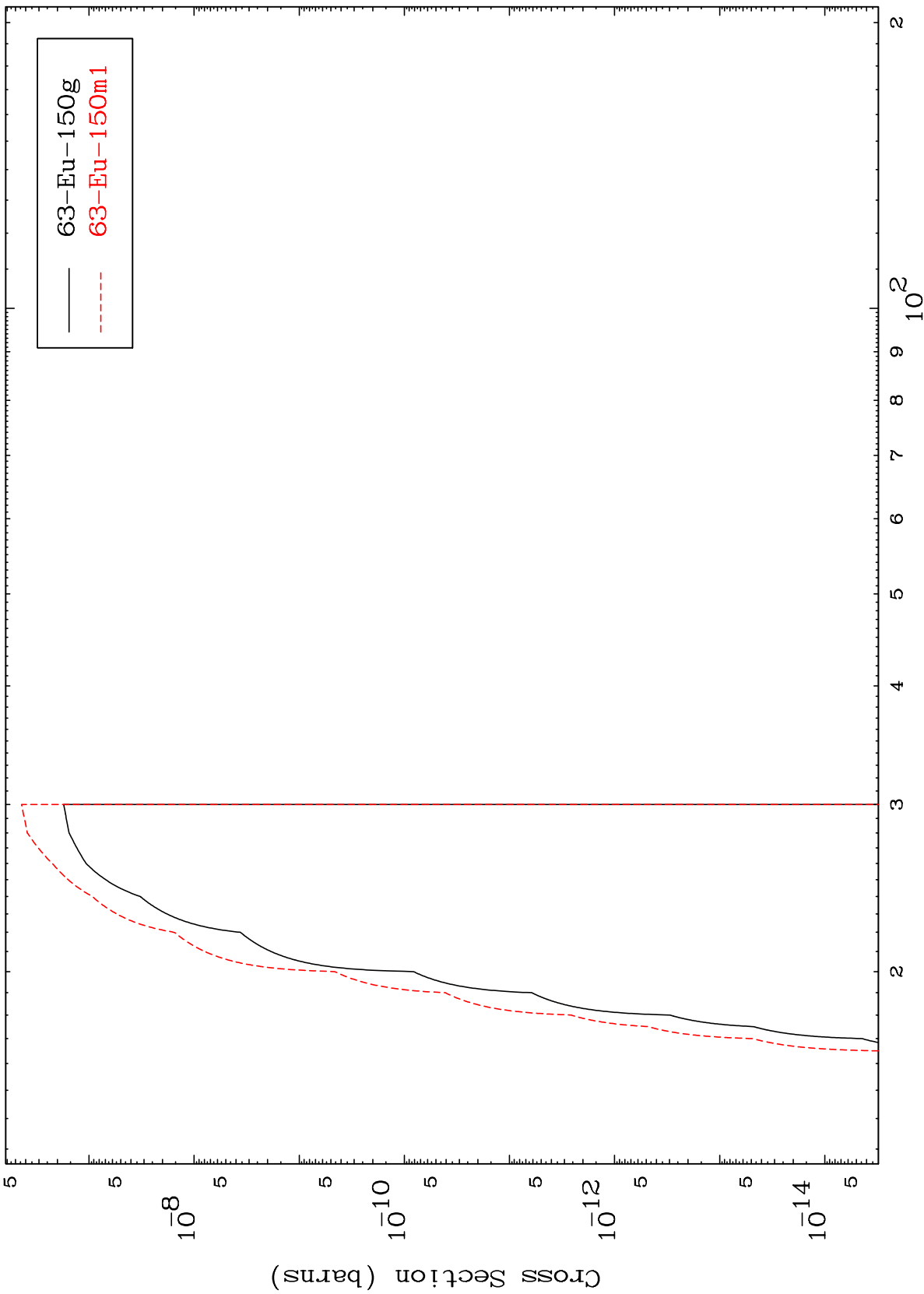
Incident Energy (MeV)

64-Gd-153

MAT 6428

64-Gd-153

(n,t)
Radionuclide Production Cross Section



15

64-Gd-153

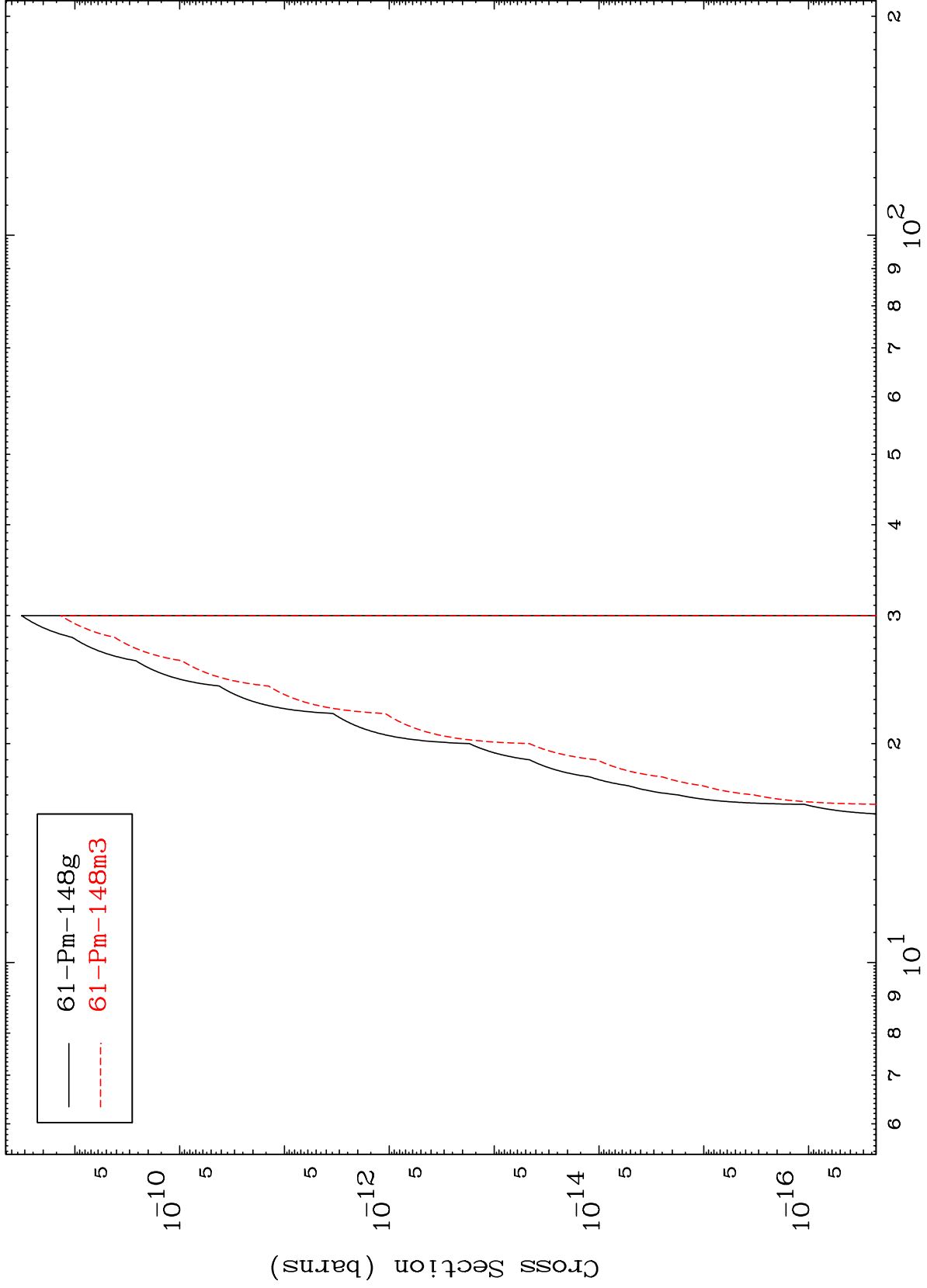
Incident Energy (MeV)

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(n,p) α

64-Gd-153

Radionuclide Production Cross Section



16

Incident Energy (MeV)

64-Gd-153