

Program EVALPLOT
(Version 2021-1)

by

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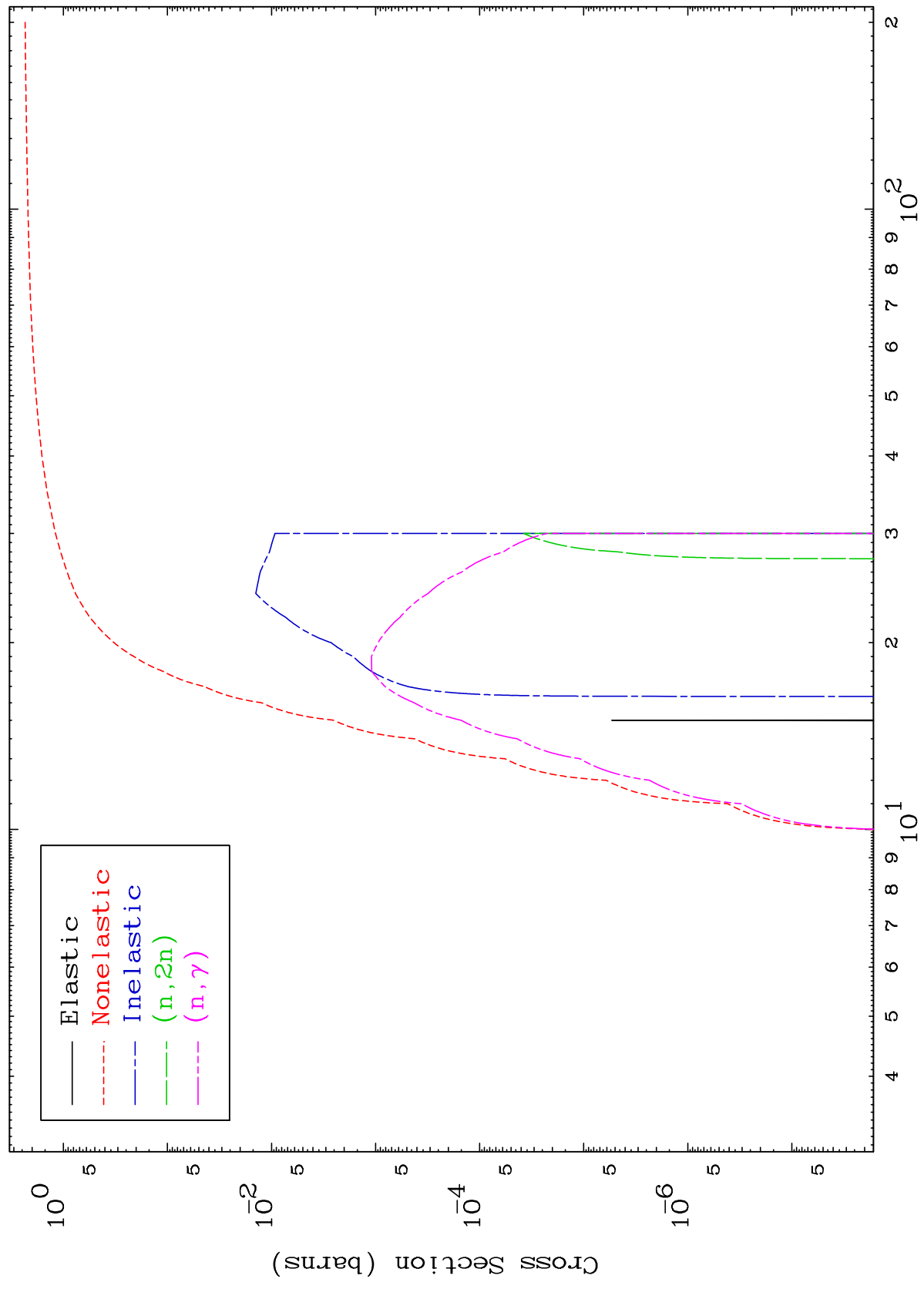
Press Mouse Button to Start

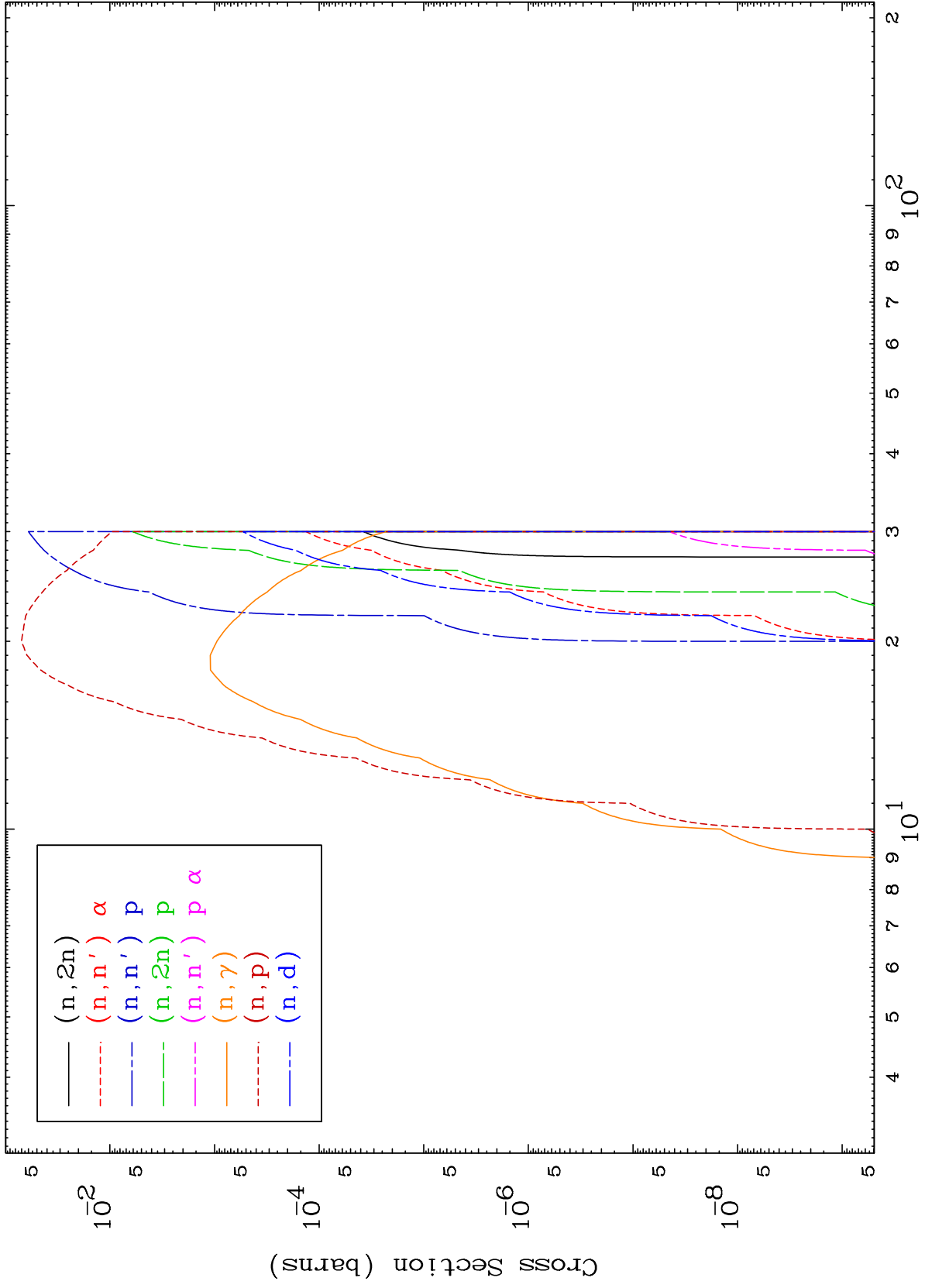
MAT 6383

0 Kelvin

α Major

64-Gd-138

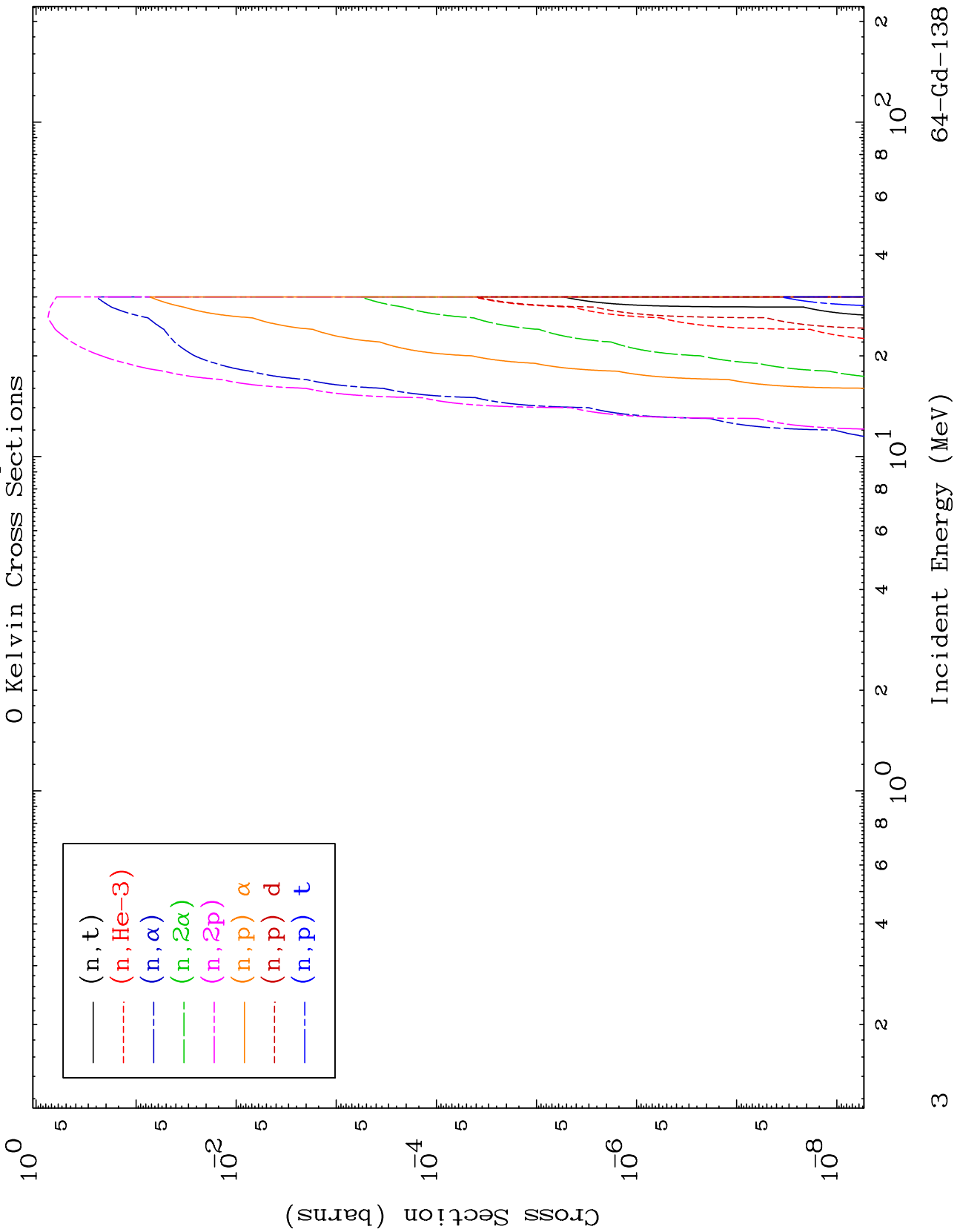


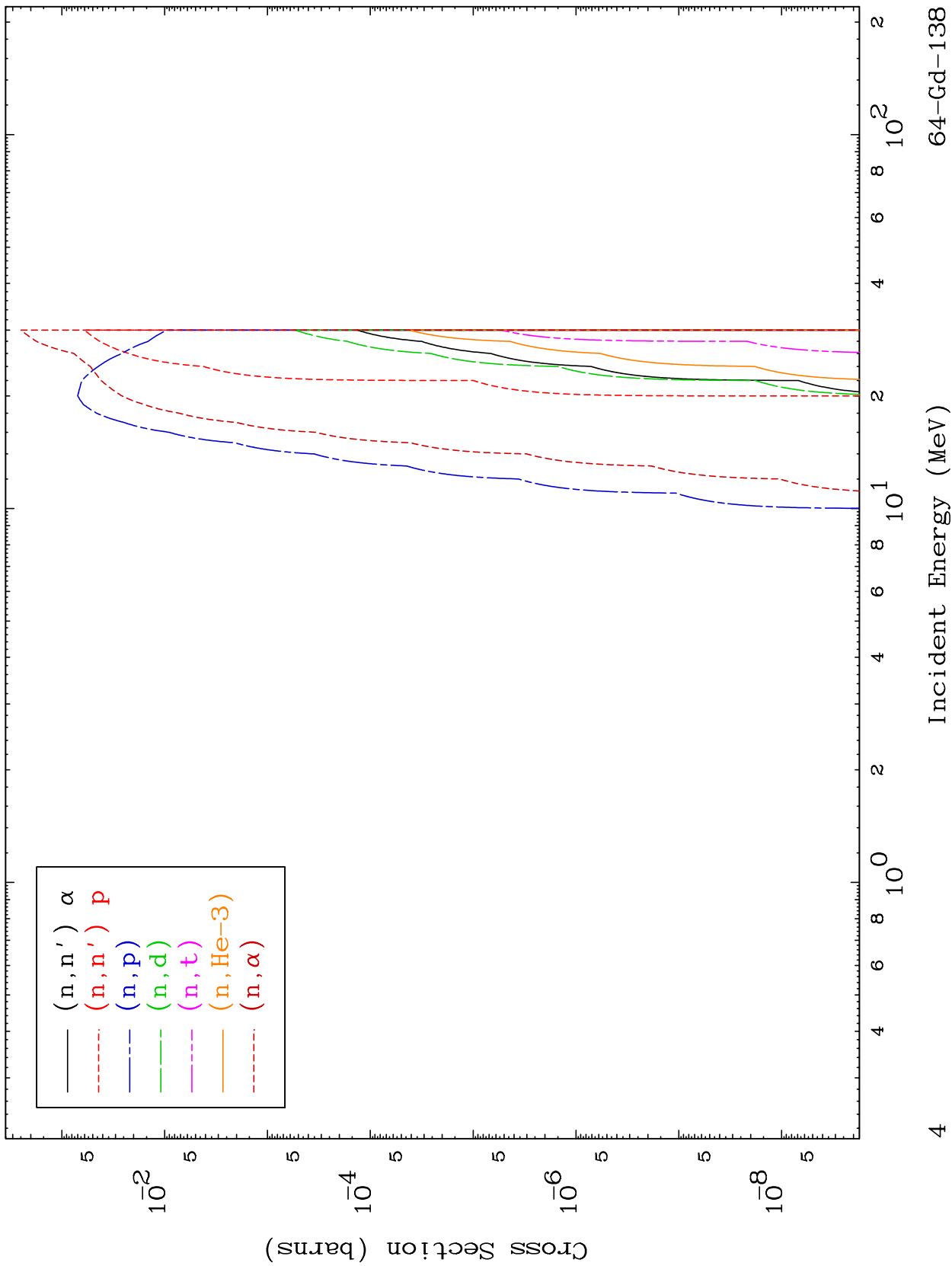


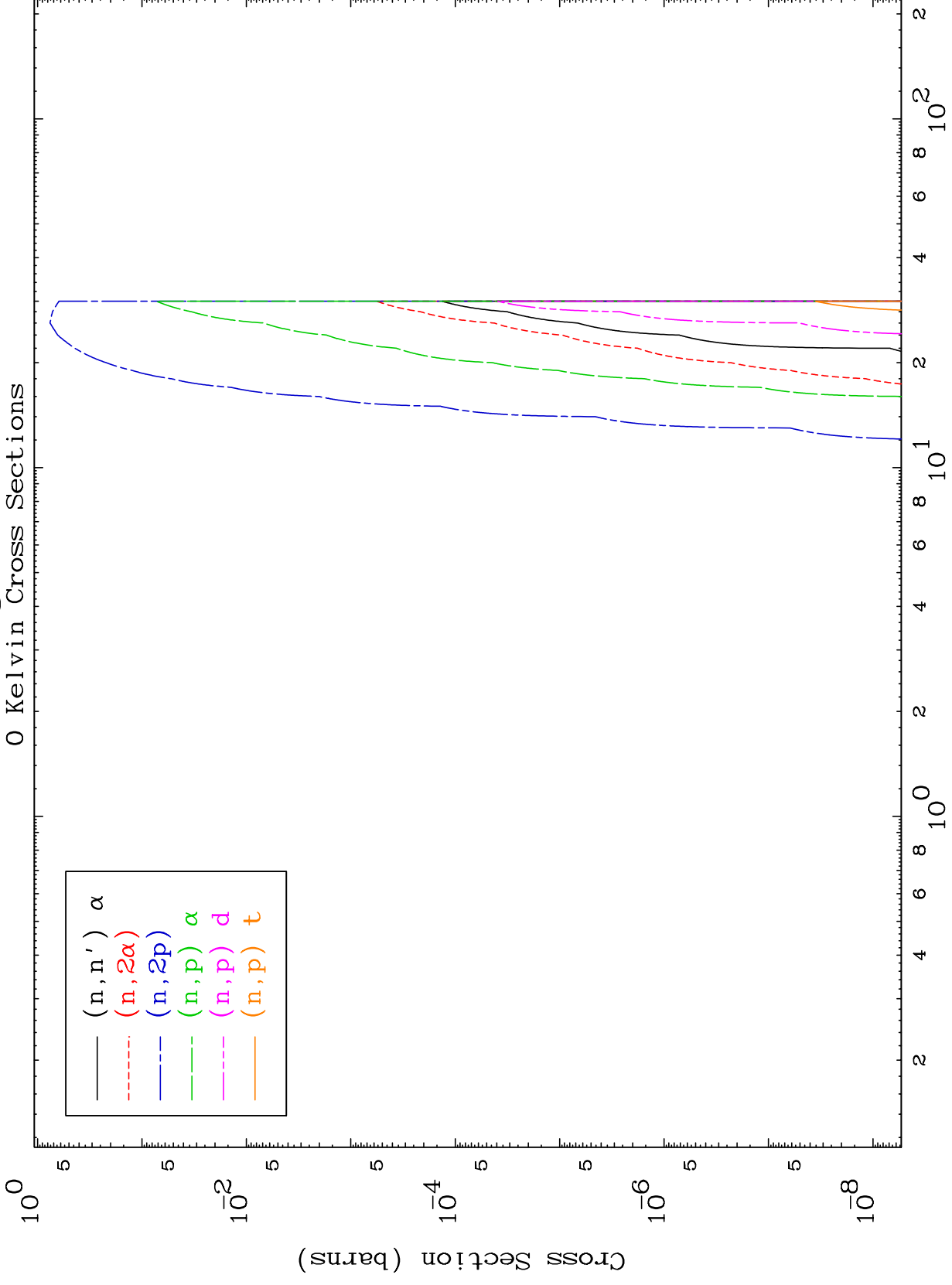
MAT 6383

α Neutron Absorption
0 Kelvin Cross Sections

64-Gd-138



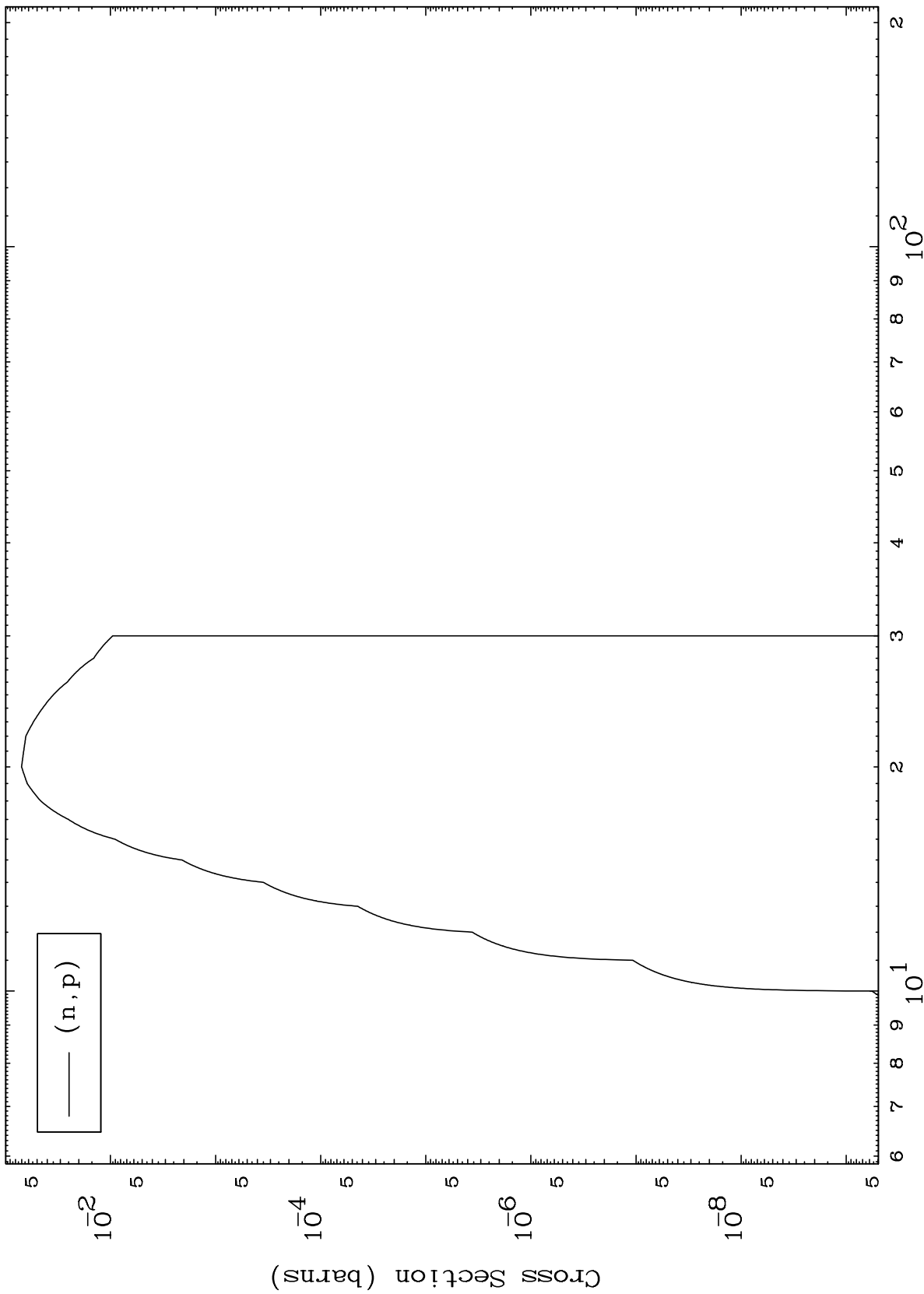




MAT 6383

64-Gd-138

(α, p) Levels
0 Kelvin Cross Sections



64-Gd-138

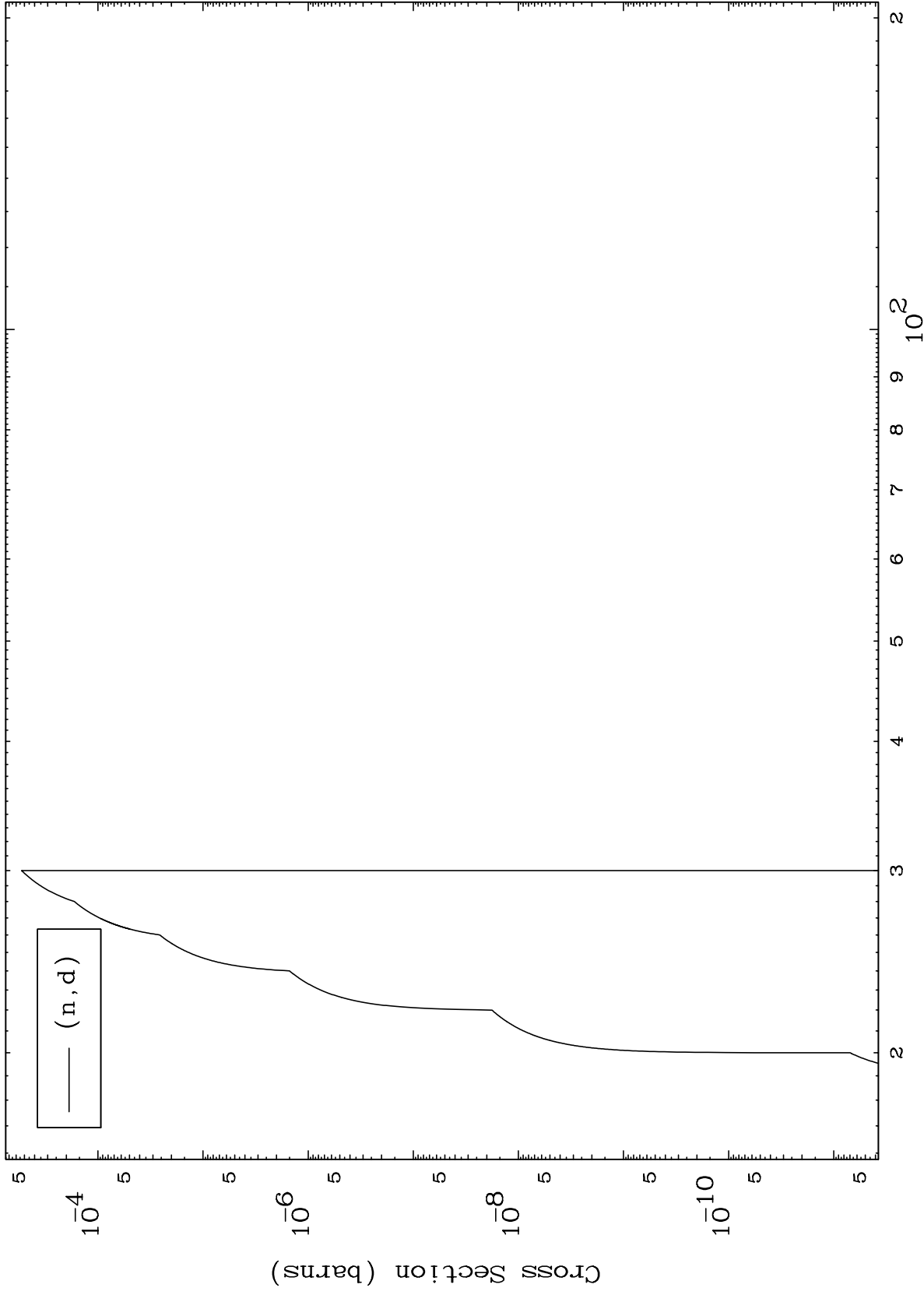
Incident Energy (MeV)

6

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(α, d) Levels
0 Kelvin Cross Sections

64-Gd-138



7

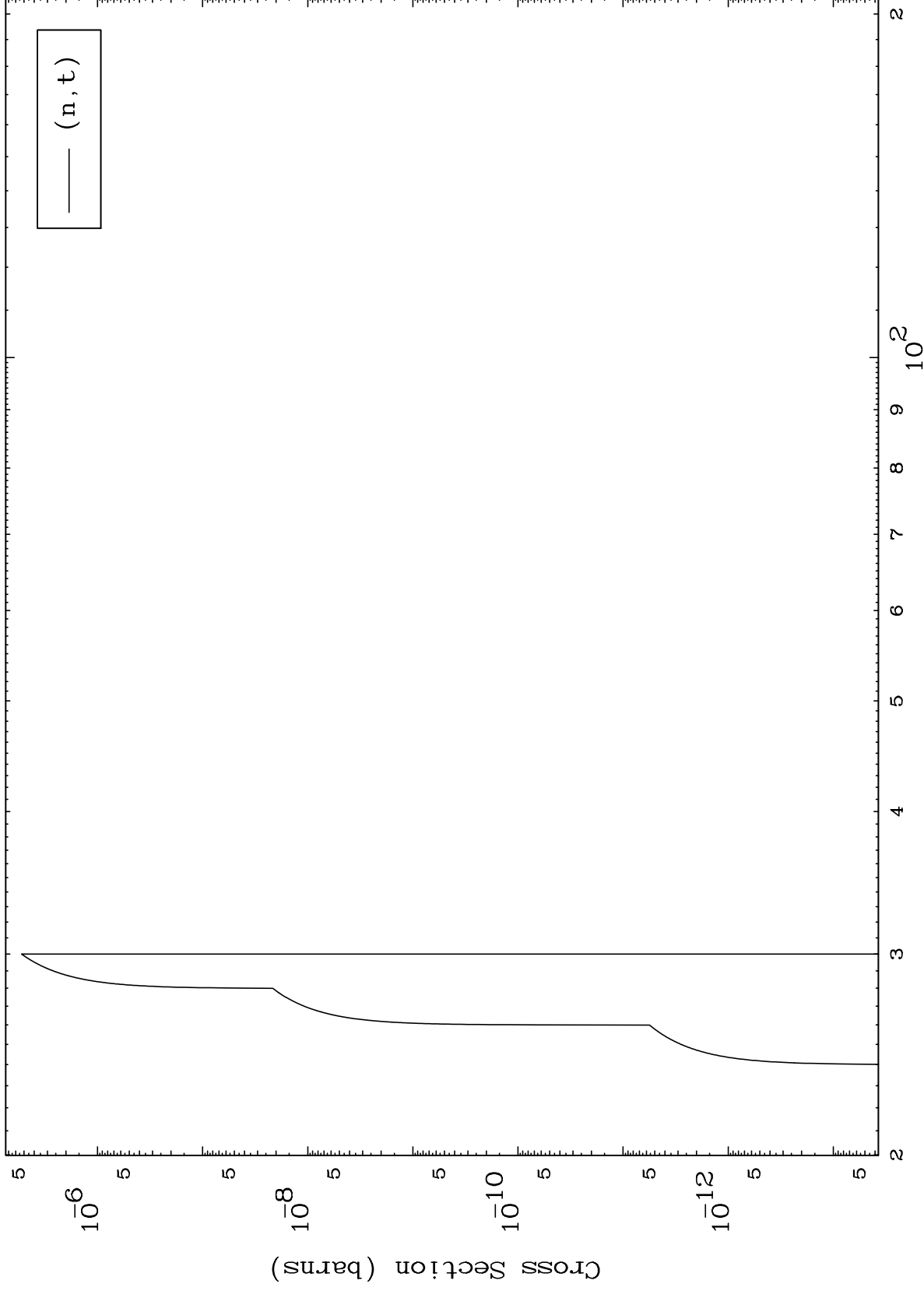
Incident Energy (MeV)

64-Gd-138

MAT 6383

(α, t) Levels
0 Kelvin Cross Sections

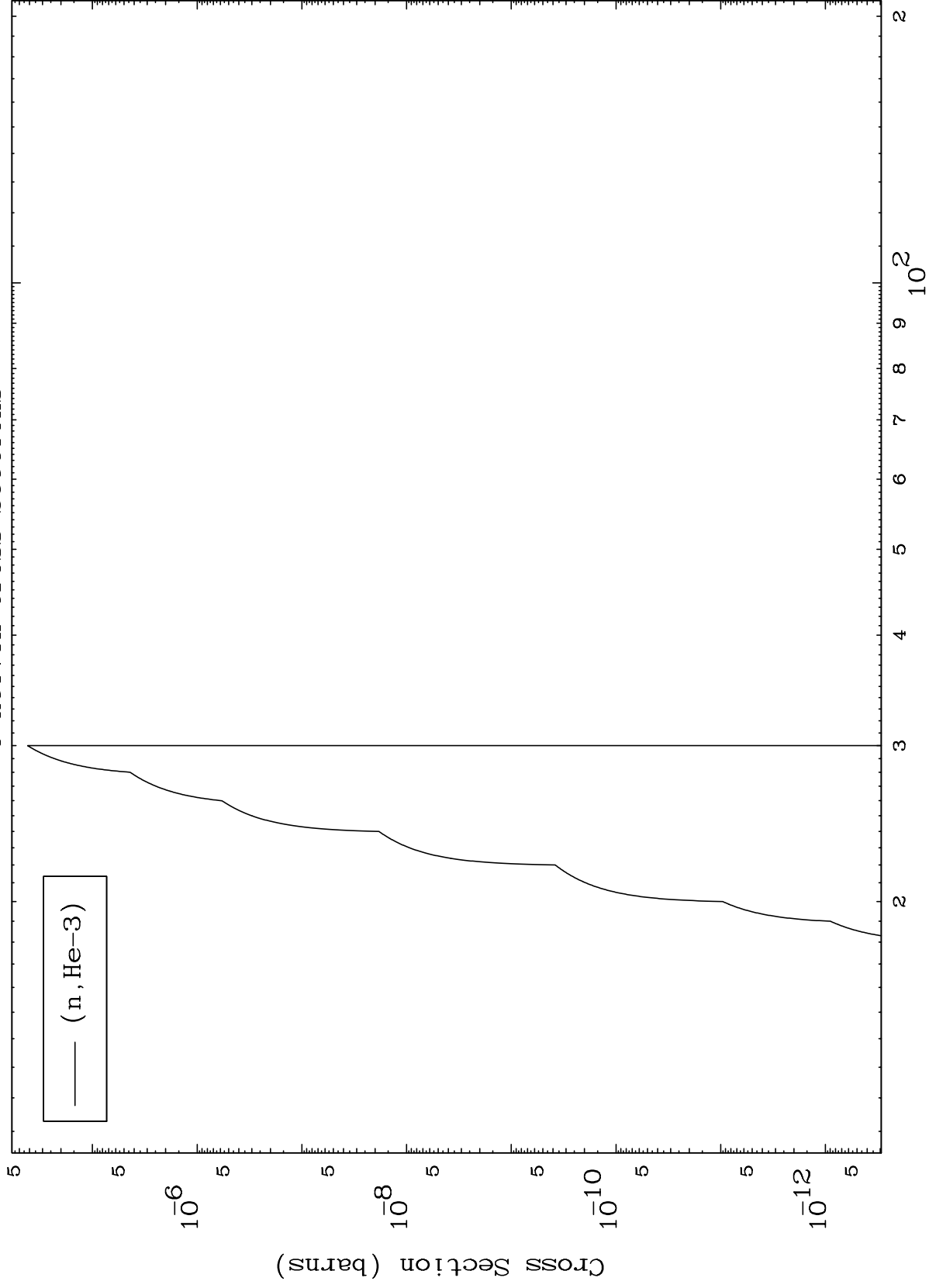
64-Gd-138



8

Incident Energy (MeV)

64-Gd-138

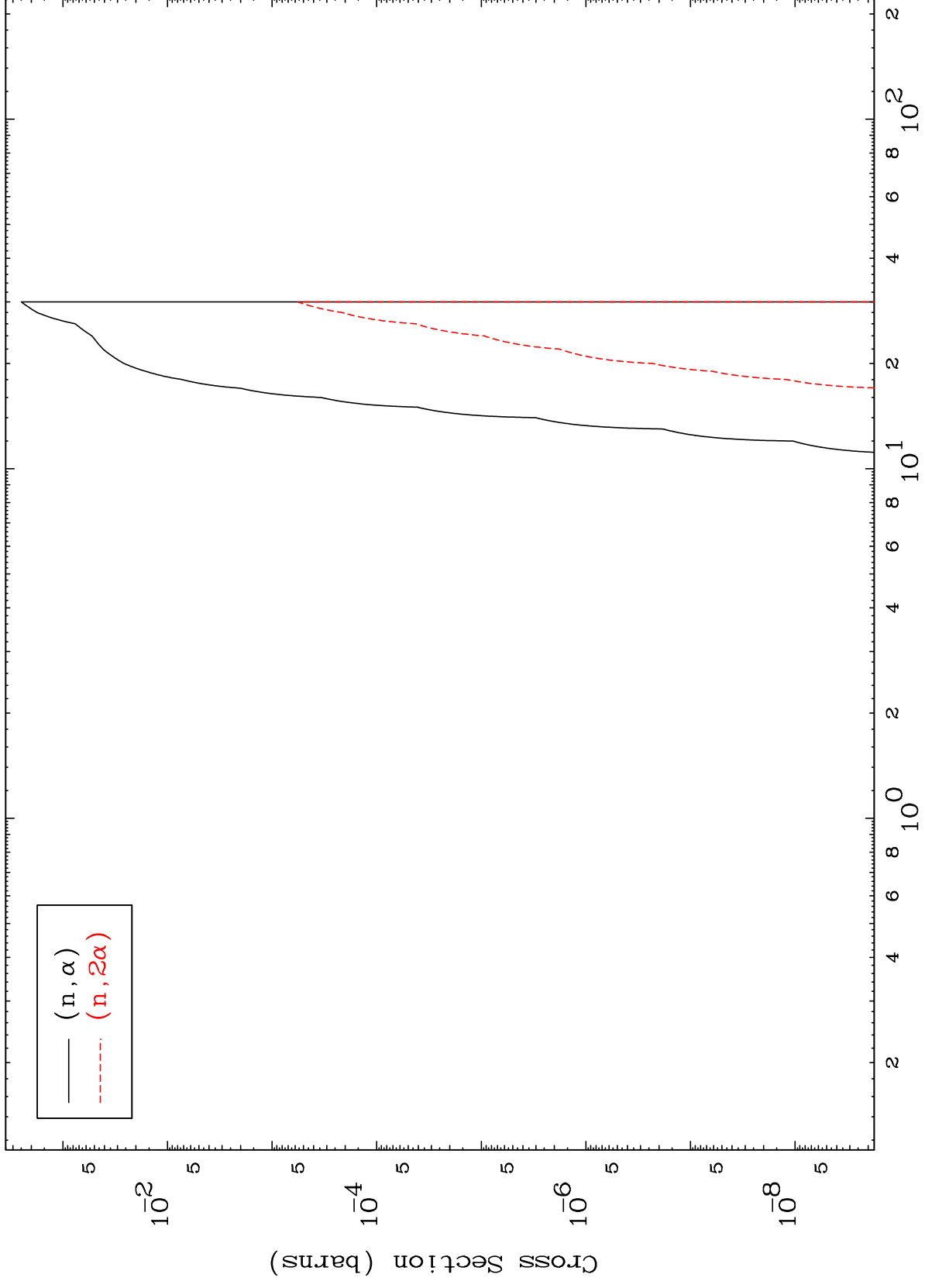


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(α, α) Levels

64-Gd-138

0 Kelvin Cross Sections



10

Incident Energy (MeV)

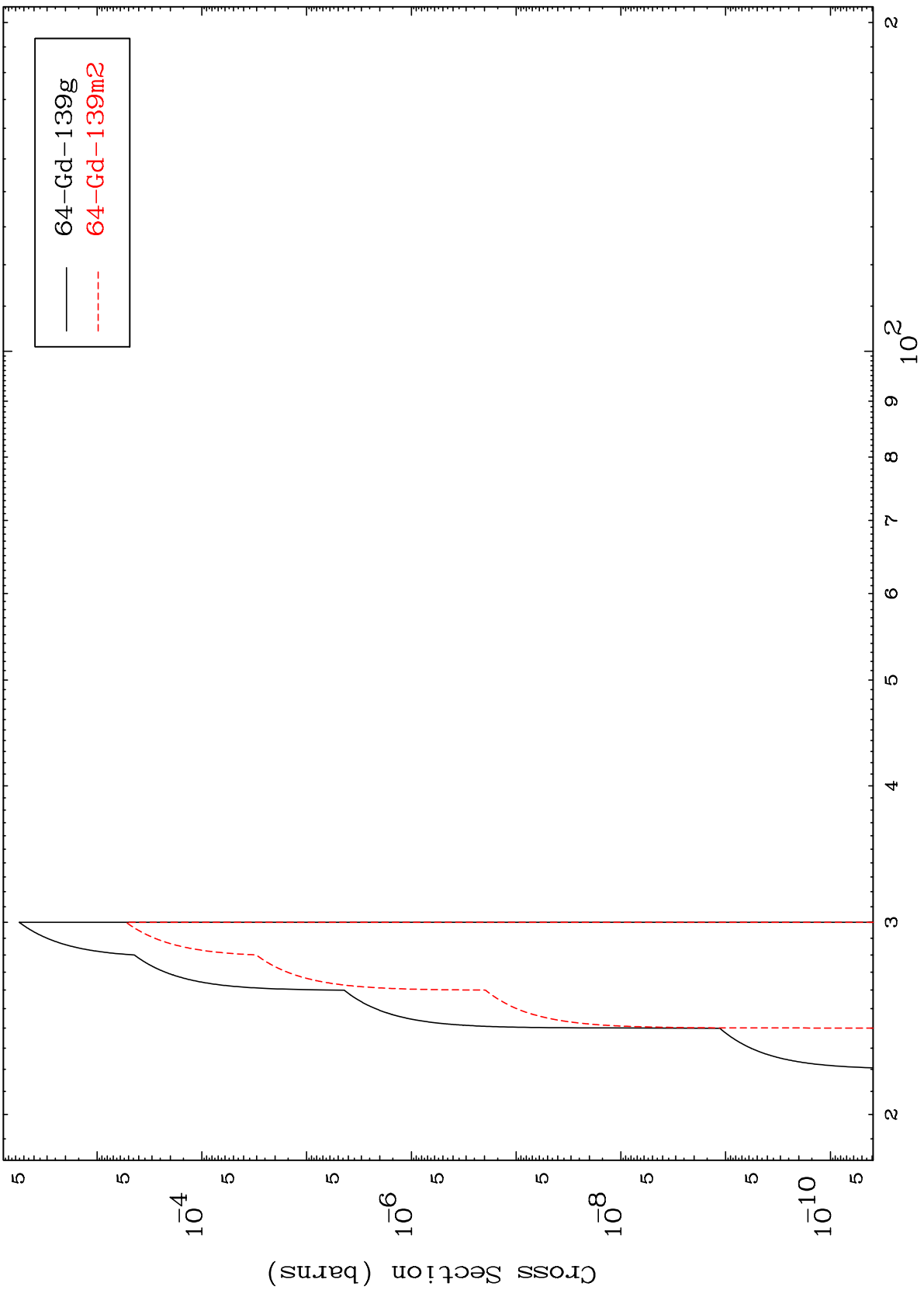
64-Gd-138

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(n,2n) p

64-Gd-138

Radionuclide Production Cross Section



11

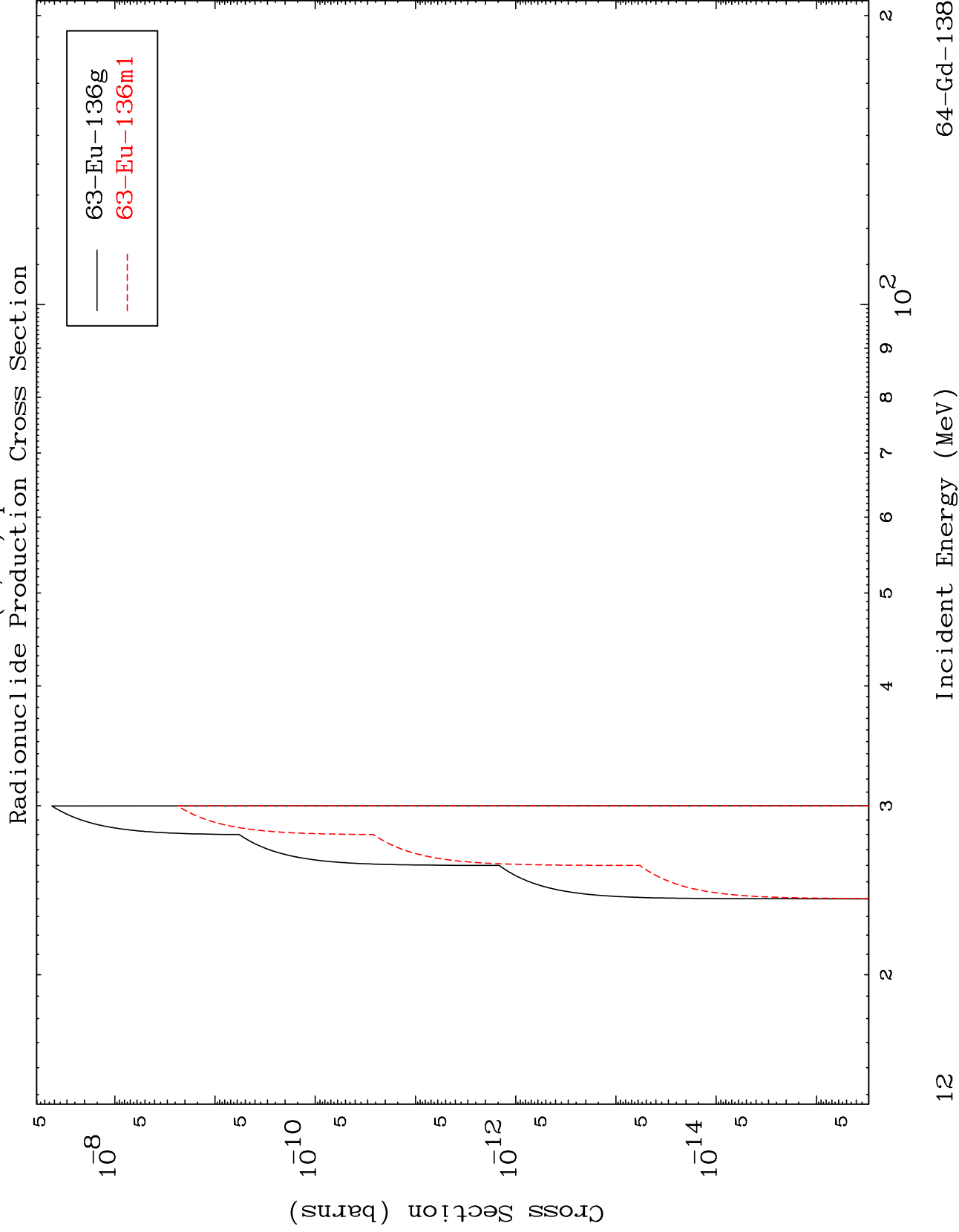
Incident Energy (MeV)

64-Gd-138

MAT 6383

(n,n') p α

64-Gd-138



12

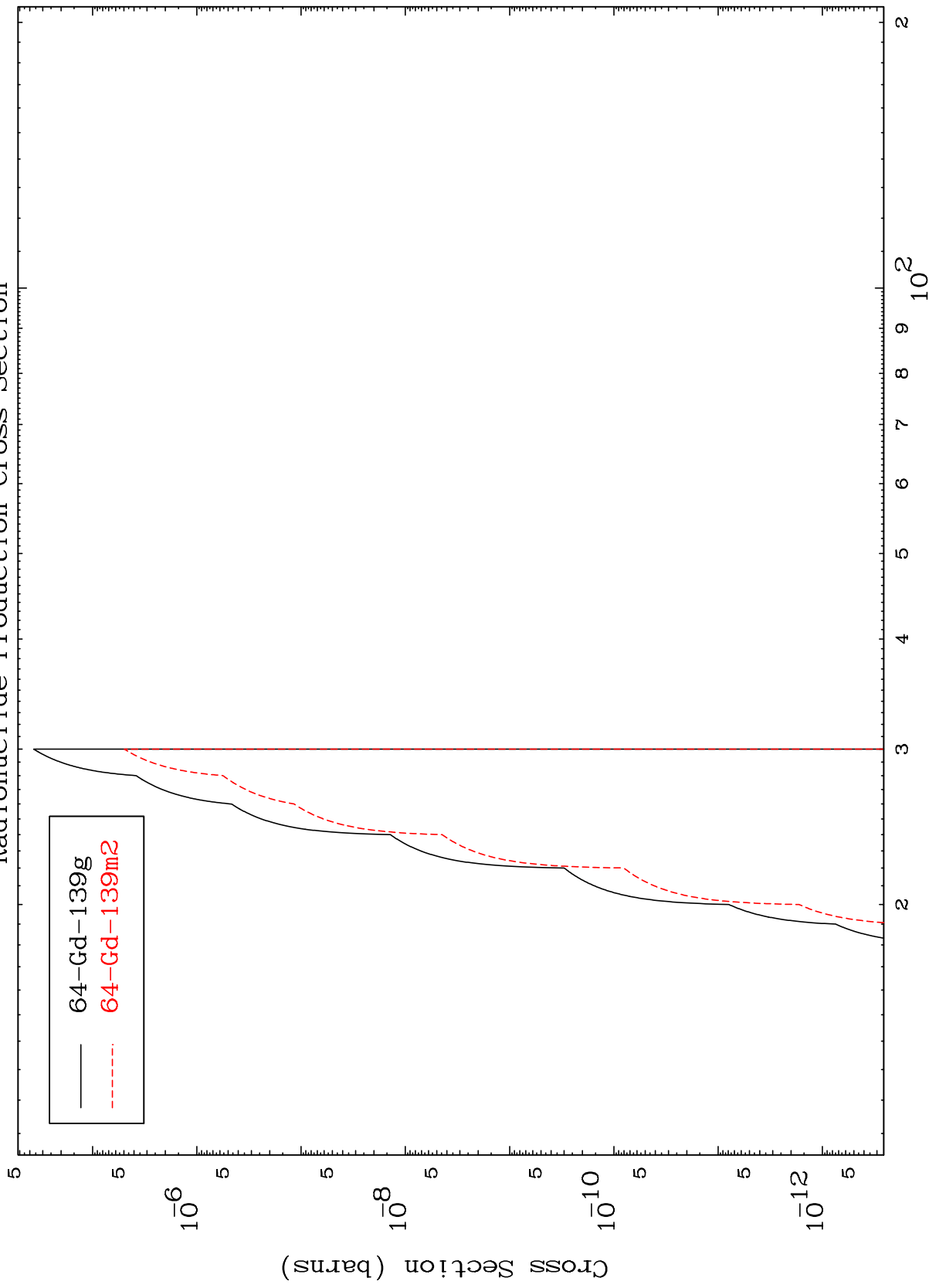
Incident Energy (MeV)

64-Gd-138

MAT 6383

64-Gd-138

Radionuclide Production Cross Section
(n,He-3)



Incident Energy (MeV)

64-Gd-138

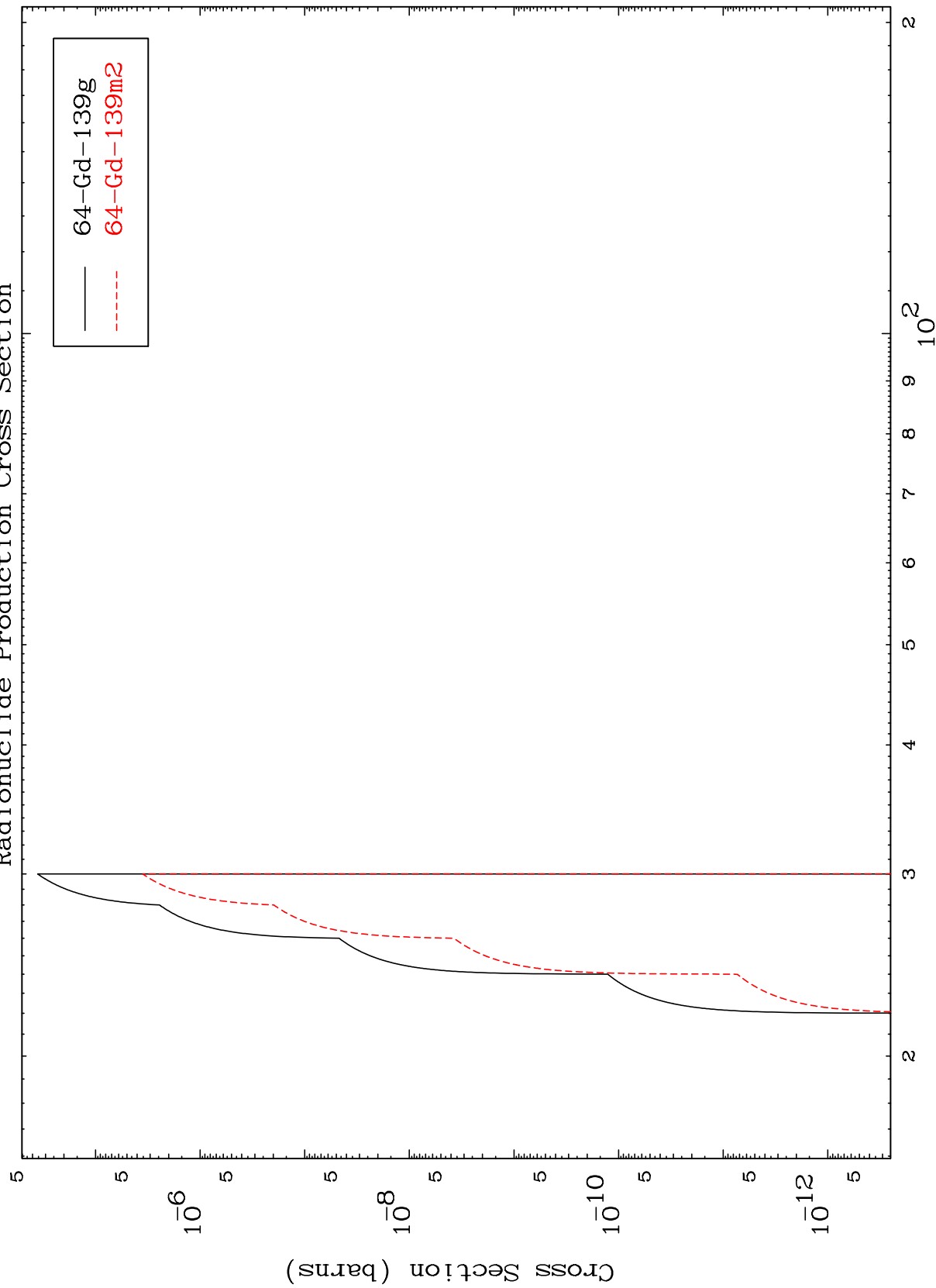
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(n,p) d

64-Gd-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

64-Gd-138