

Program EVALPLOT
(Version 2021-1)

by

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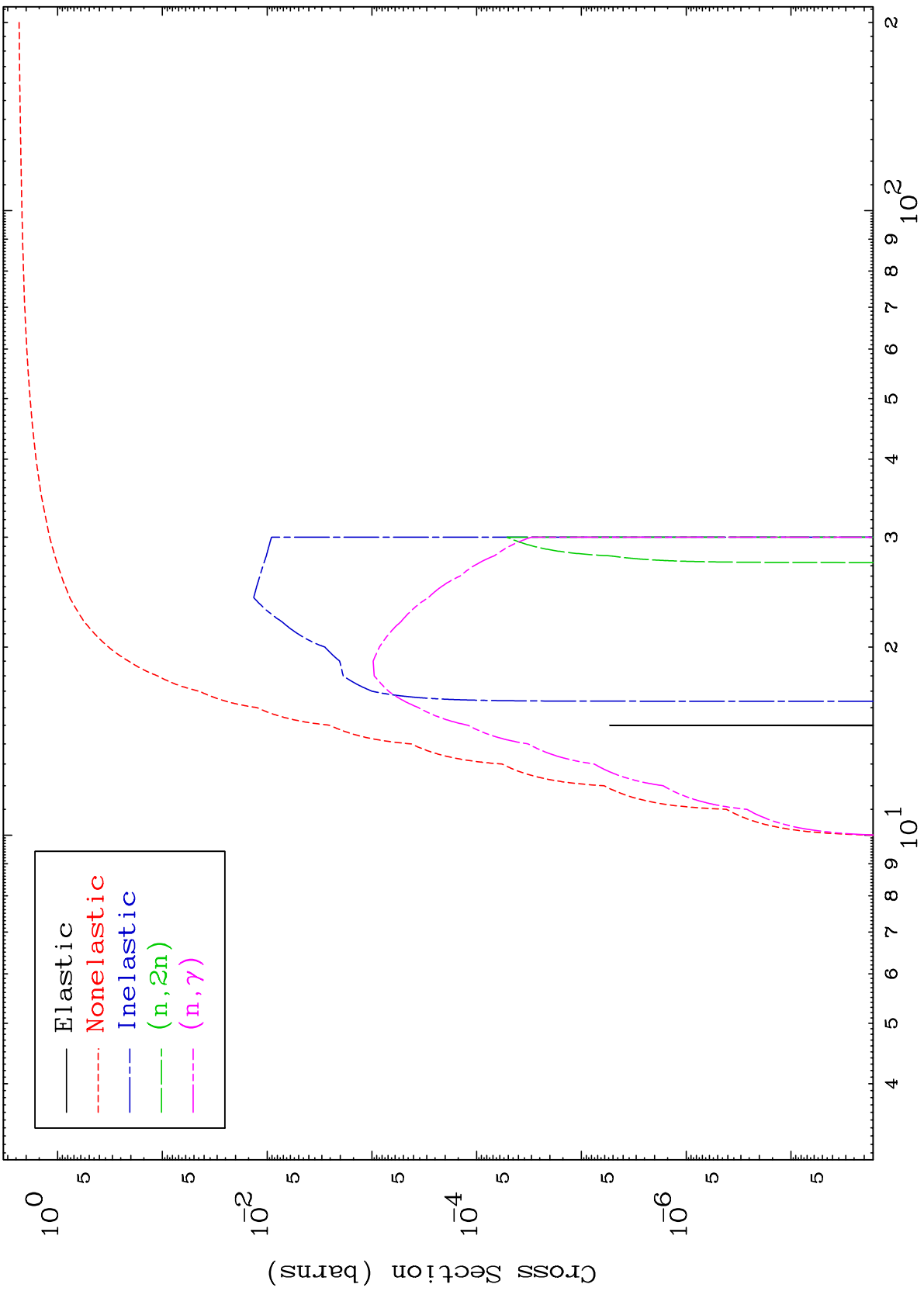
Press Mouse Button to Start

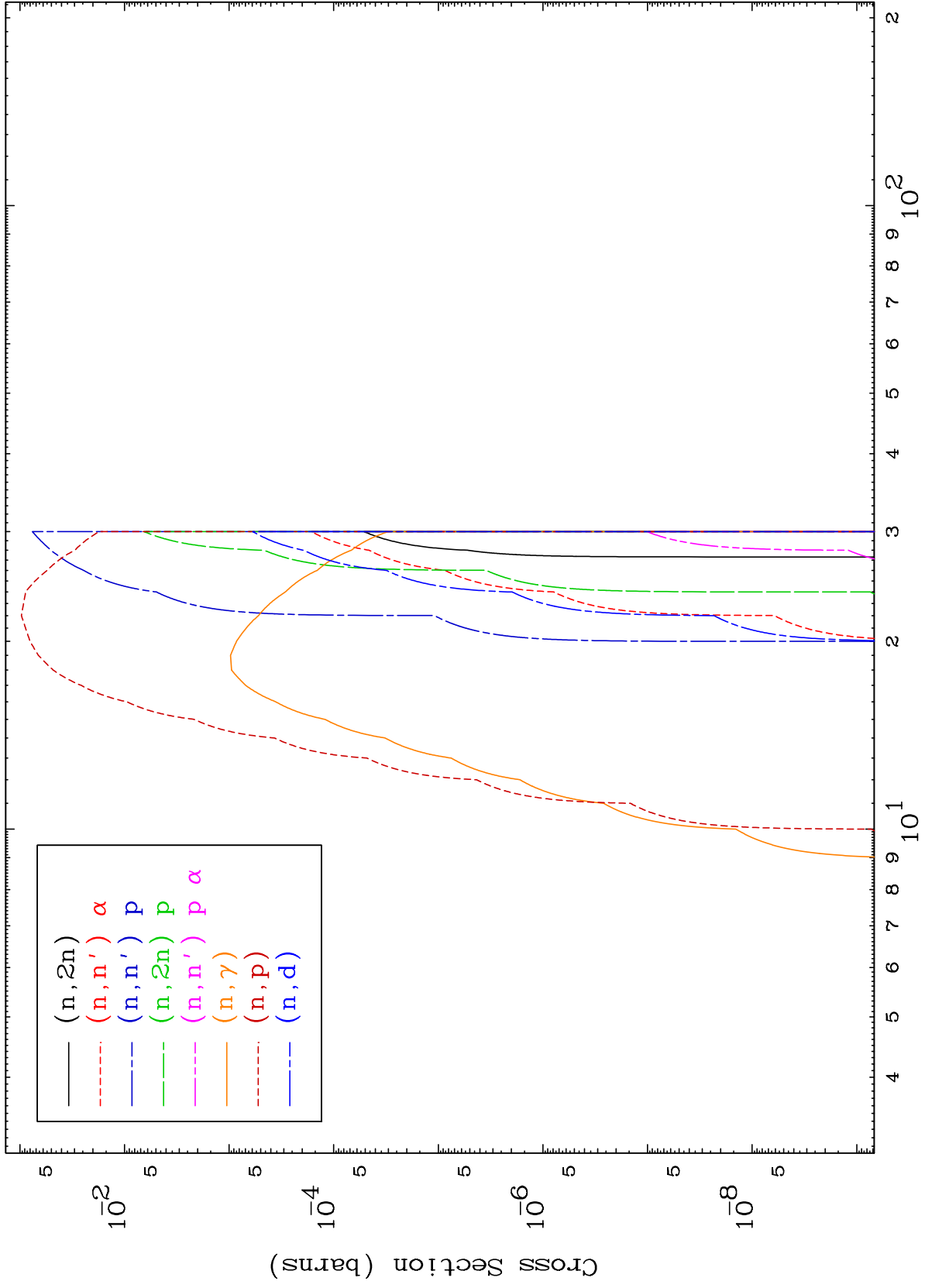
MAT 6383

α Major

64-Gd-138

0 Kelvin Cross Sections

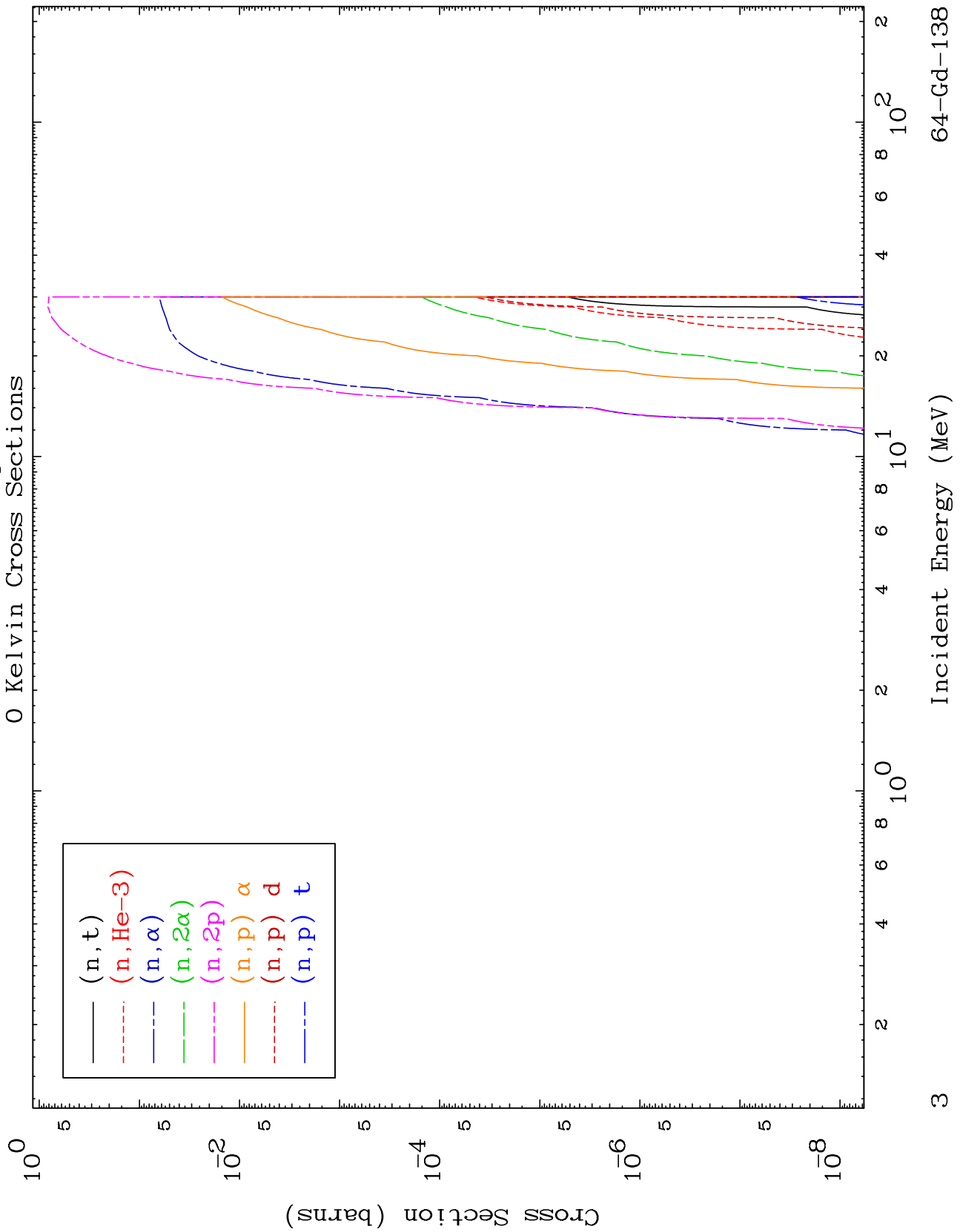


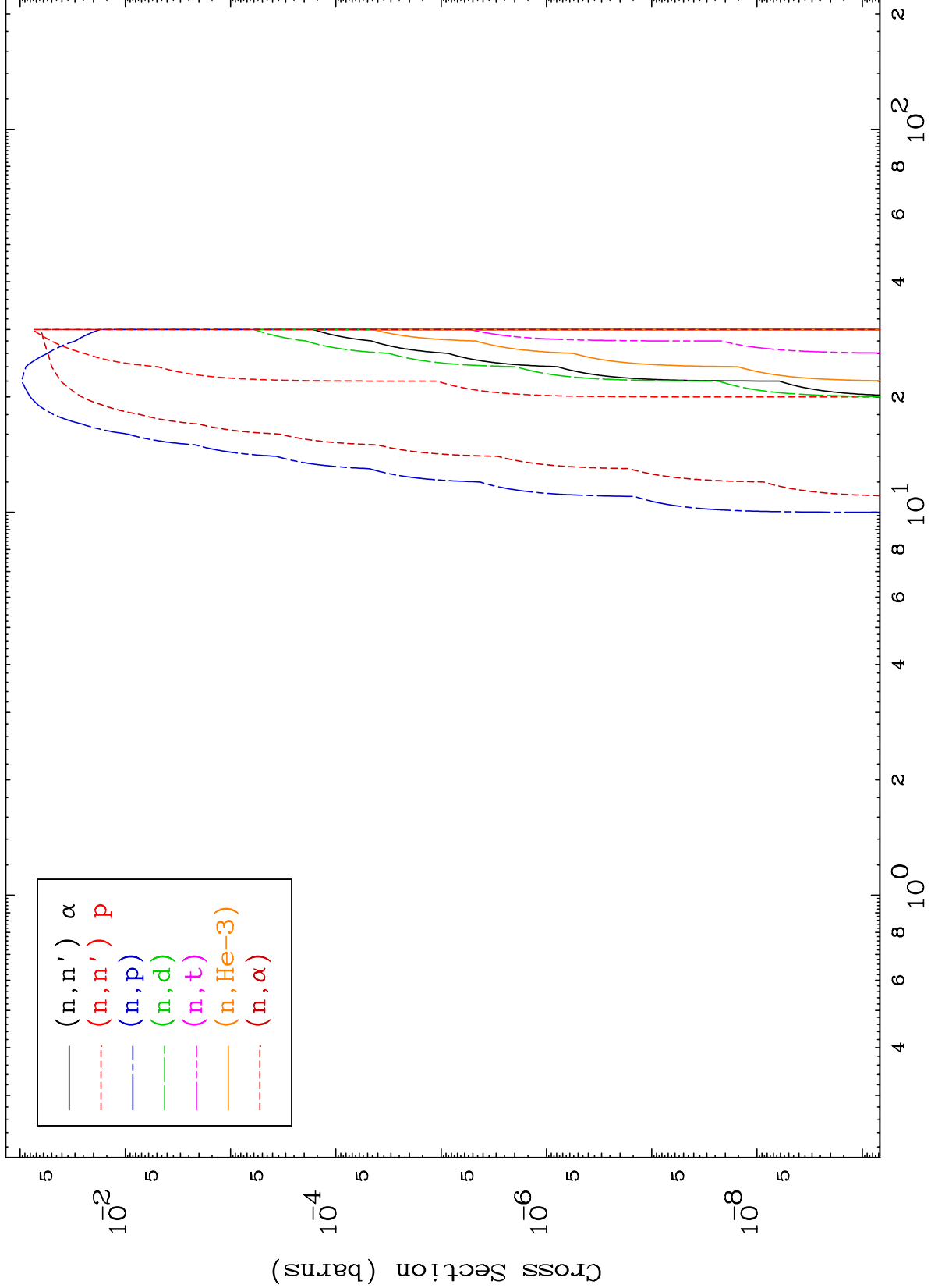


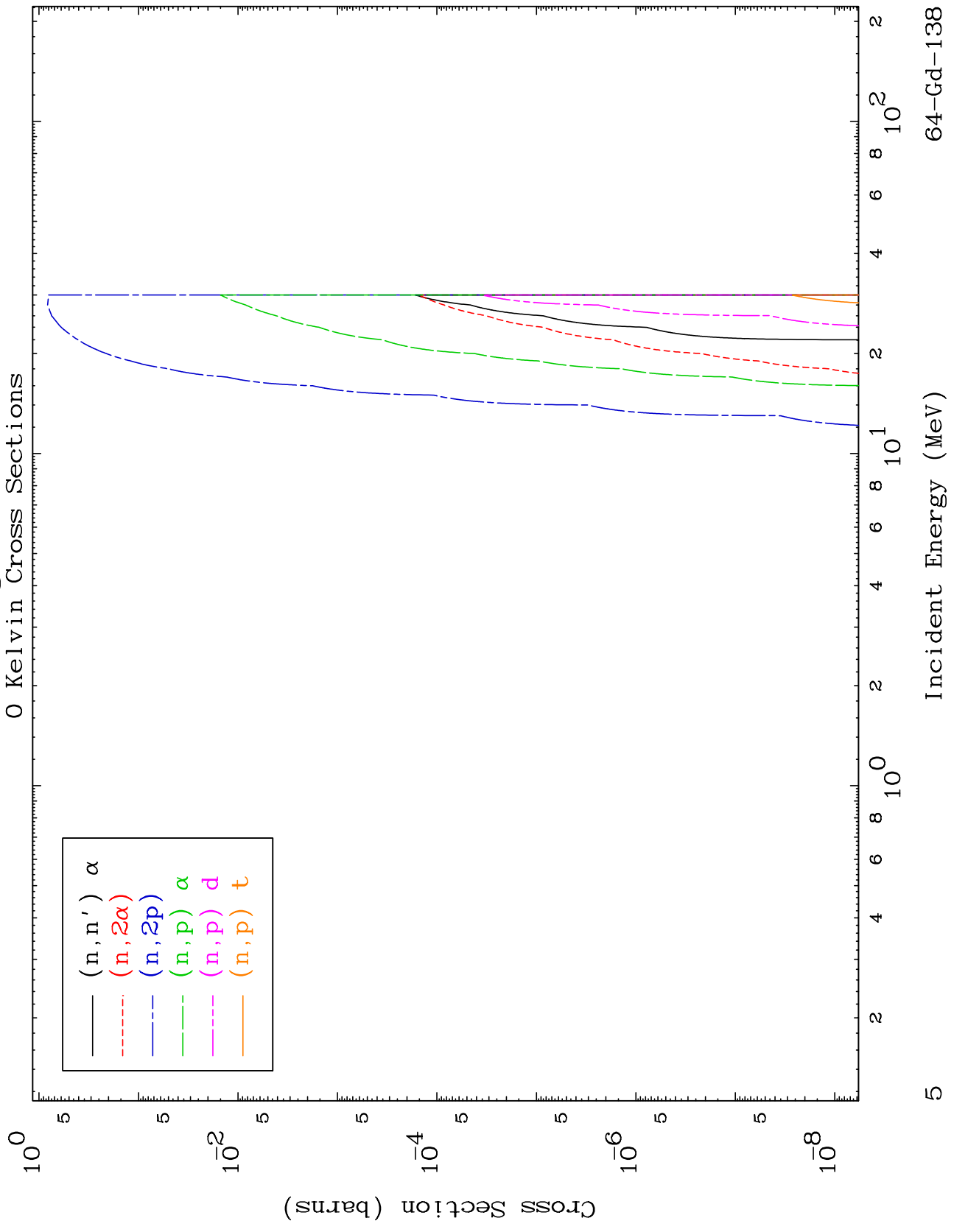
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α Neutron Absorption
0 Kelvin Cross Sections

64-Gd-138



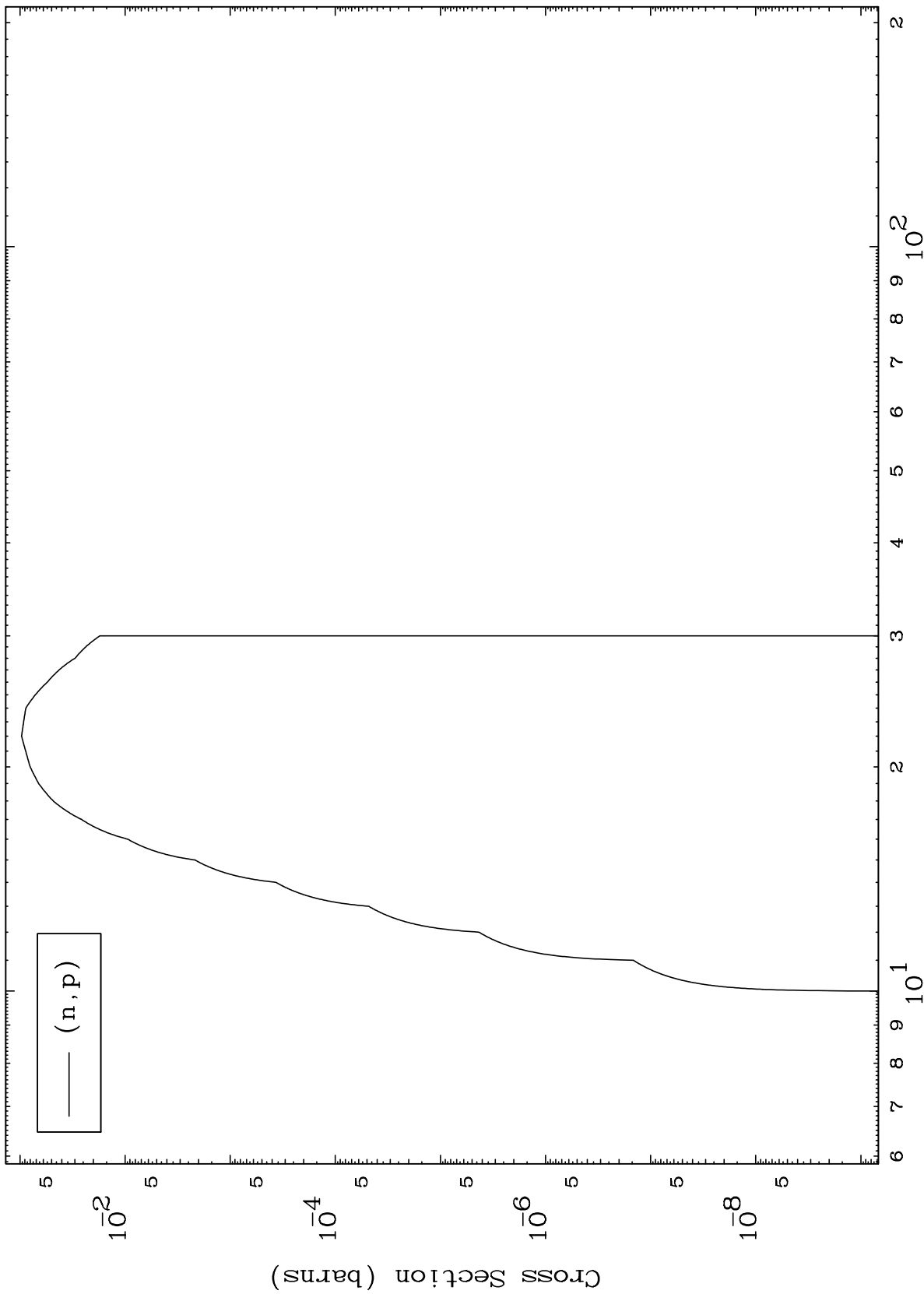




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64-Gd-138

(α, p) Levels
0 Kelvin Cross Sections



6

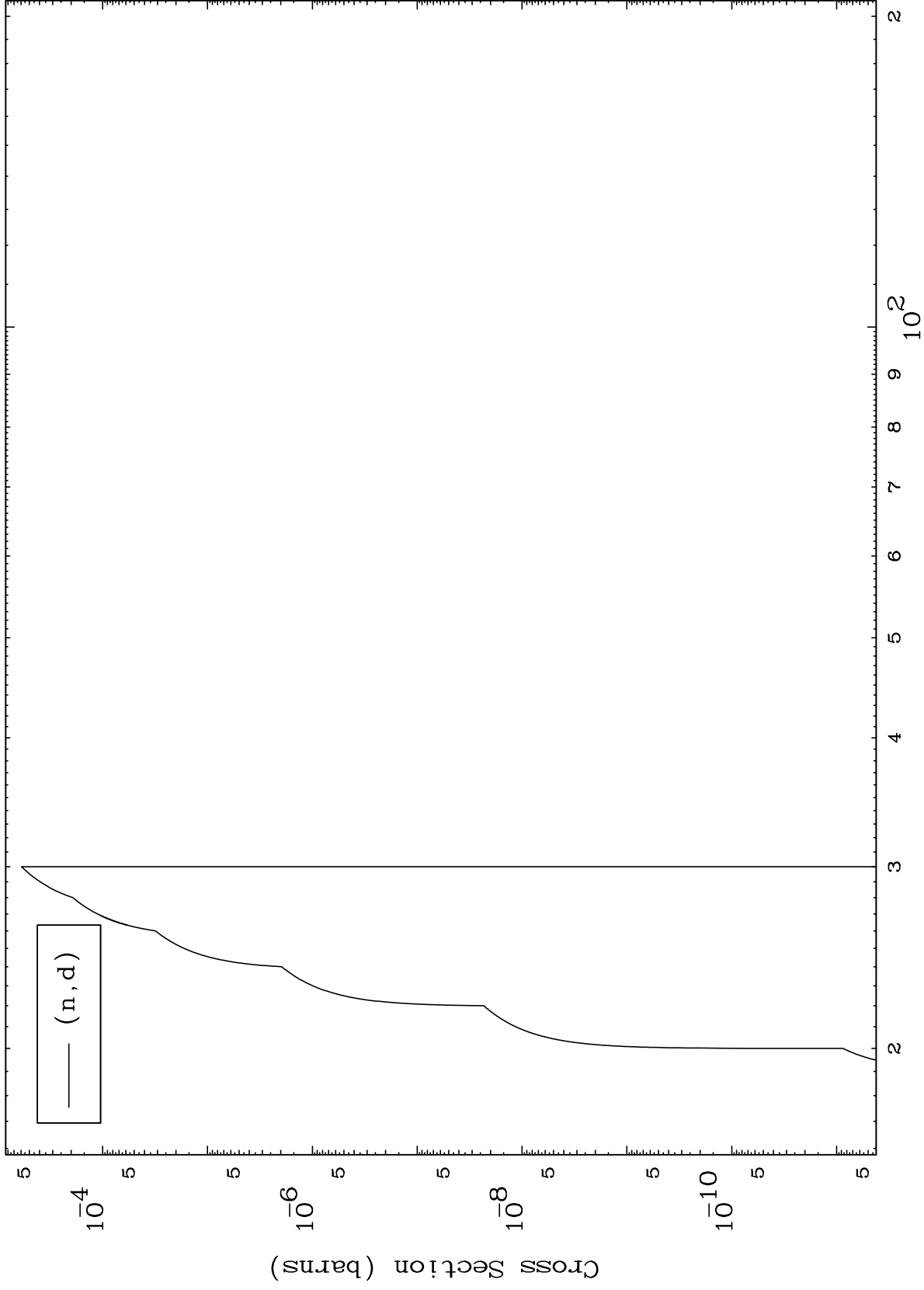
Incident Energy (MeV)

64-Gd-138

MAT 6383

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-138



7

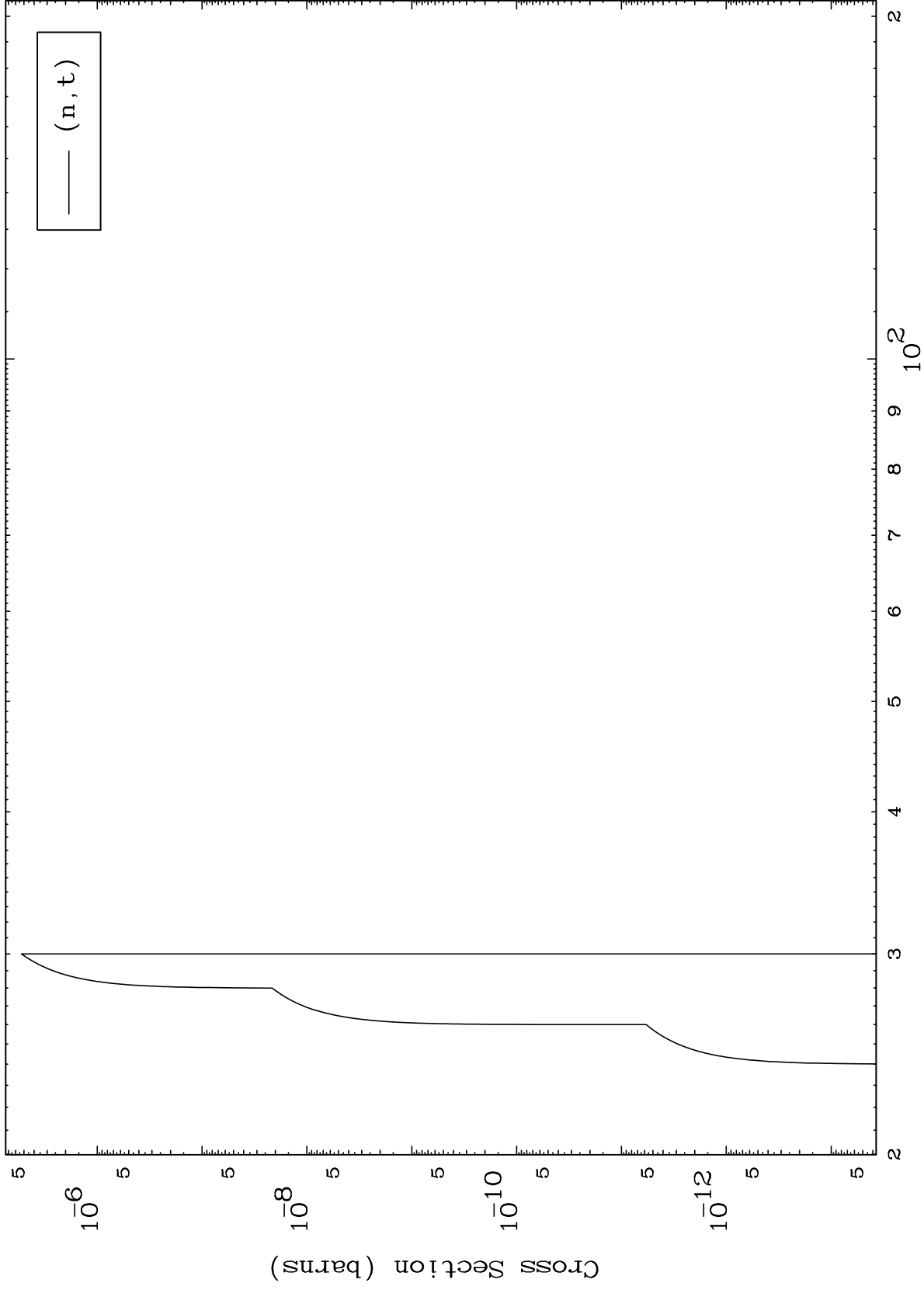
Incident Energy (MeV)

64-Gd-138

MAT 6383

(α, t) Levels
0 Kelvin Cross Sections

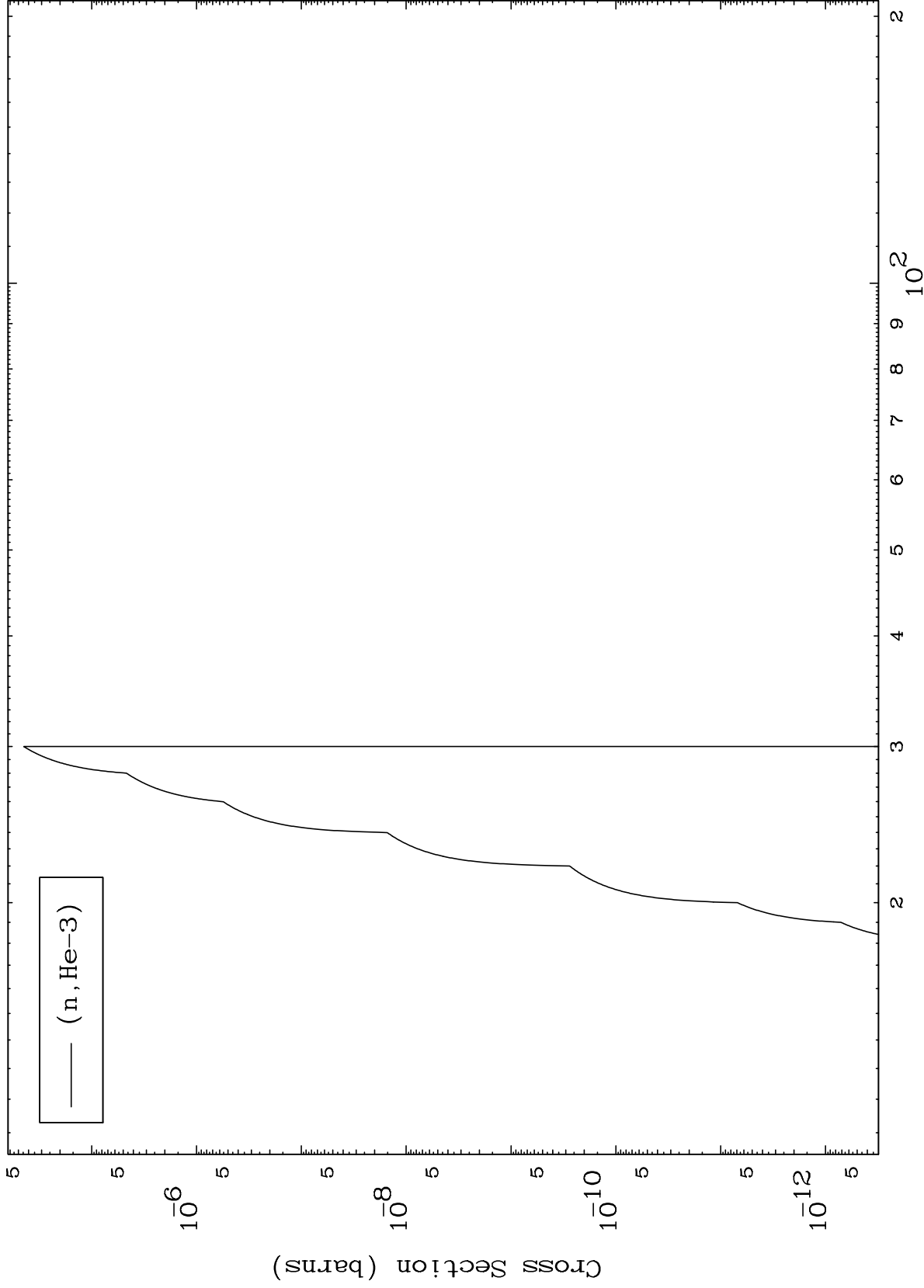
64-Gd-138



8

Incident Energy (MeV)

64-Gd-138

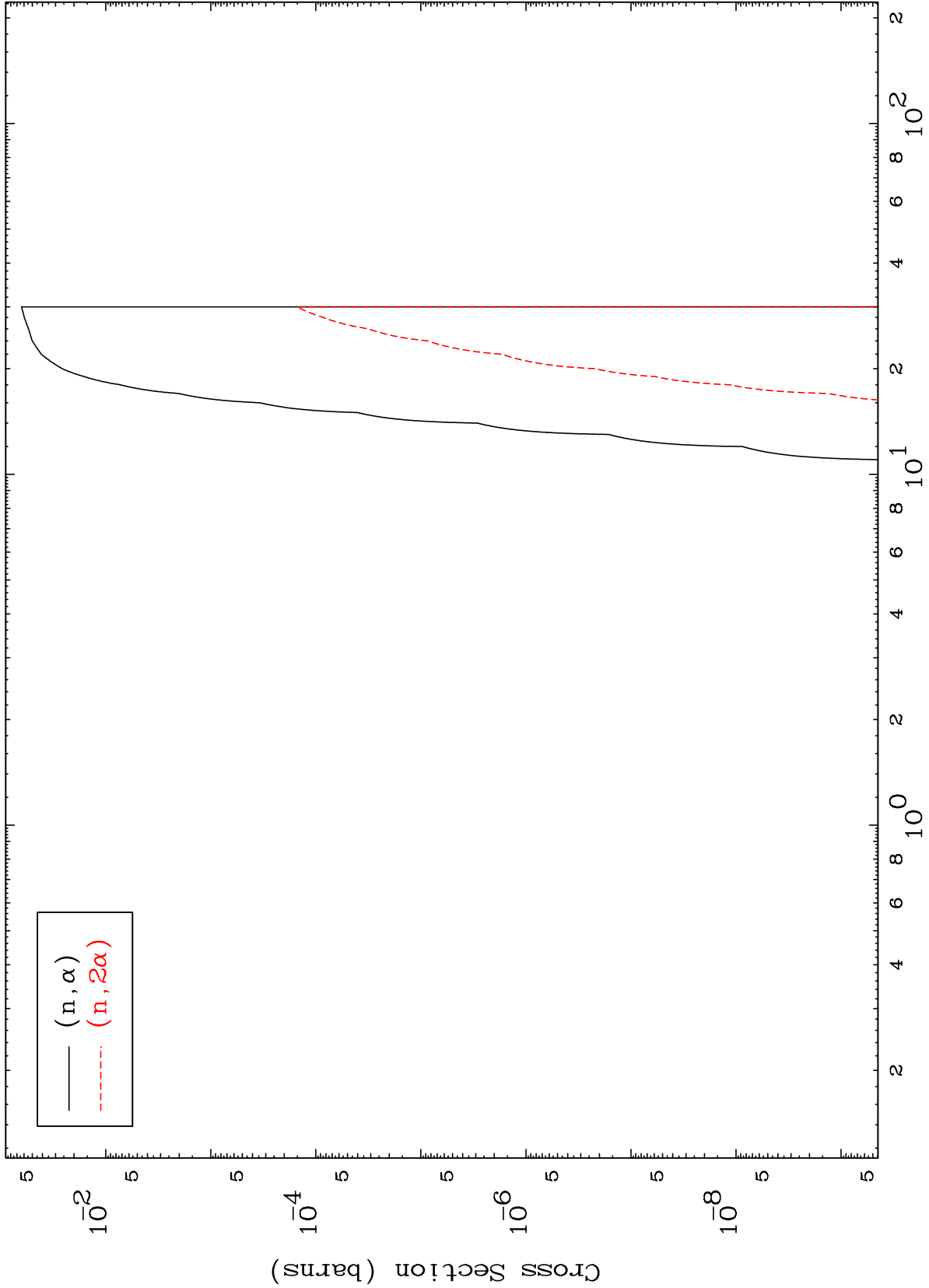


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(α, α) Levels

64-Gd-138

0 Kelvin Cross Sections



10

Incident Energy (MeV)

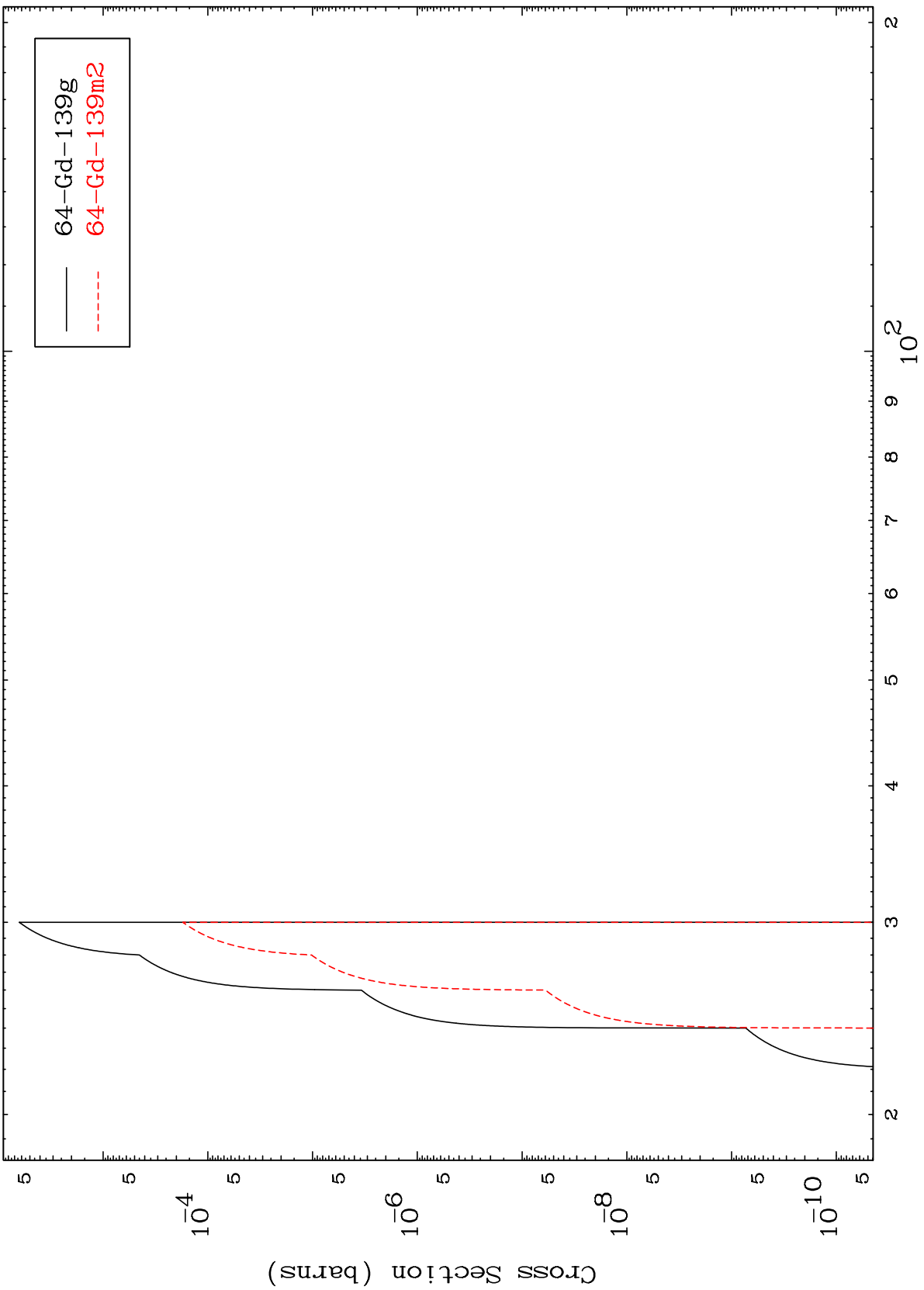
64-Gd-138

MAT 6383

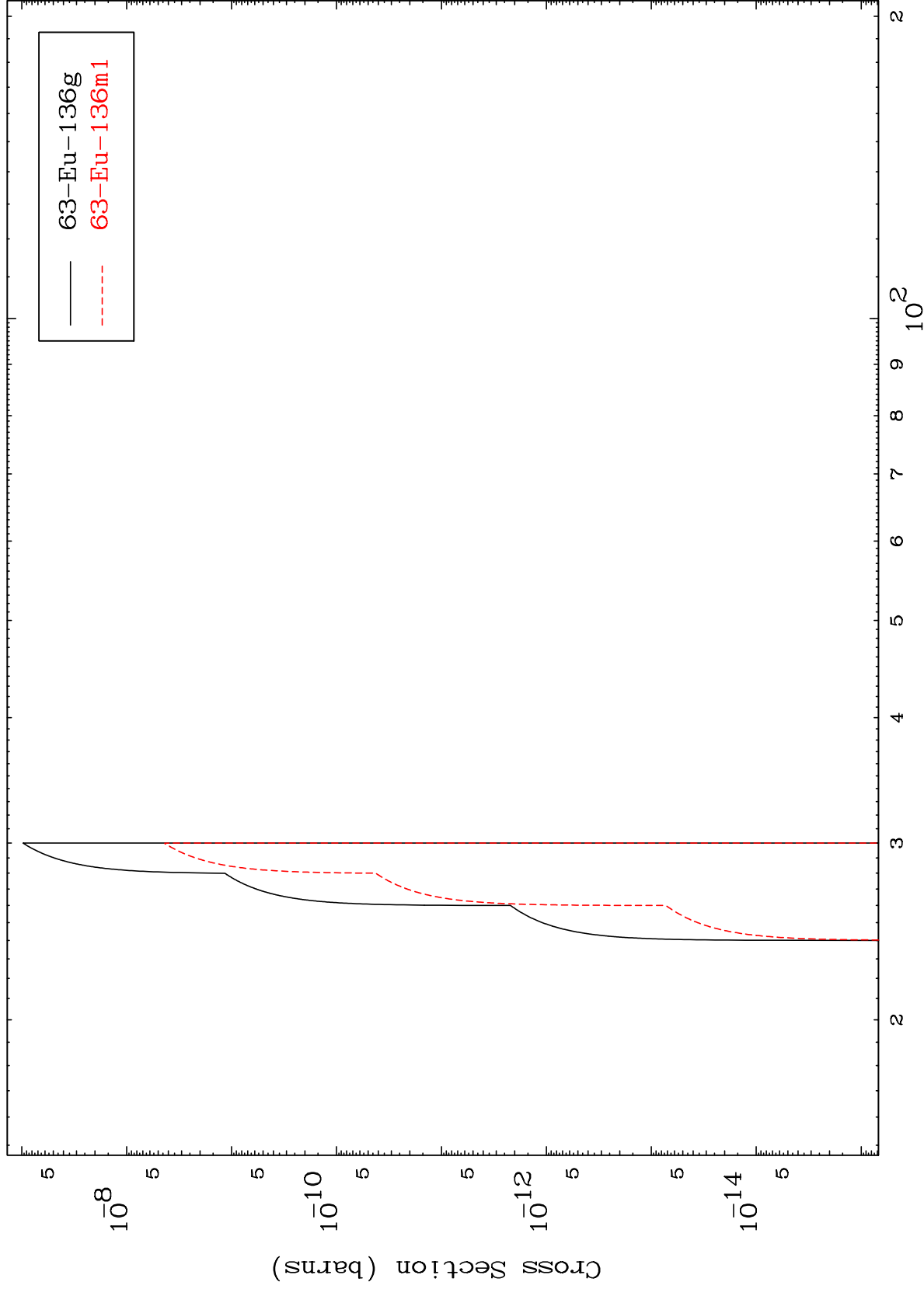
(n,2n) p

64-Gd-138

Radionuclide Production Cross Section



Radionuclide Production Cross Section

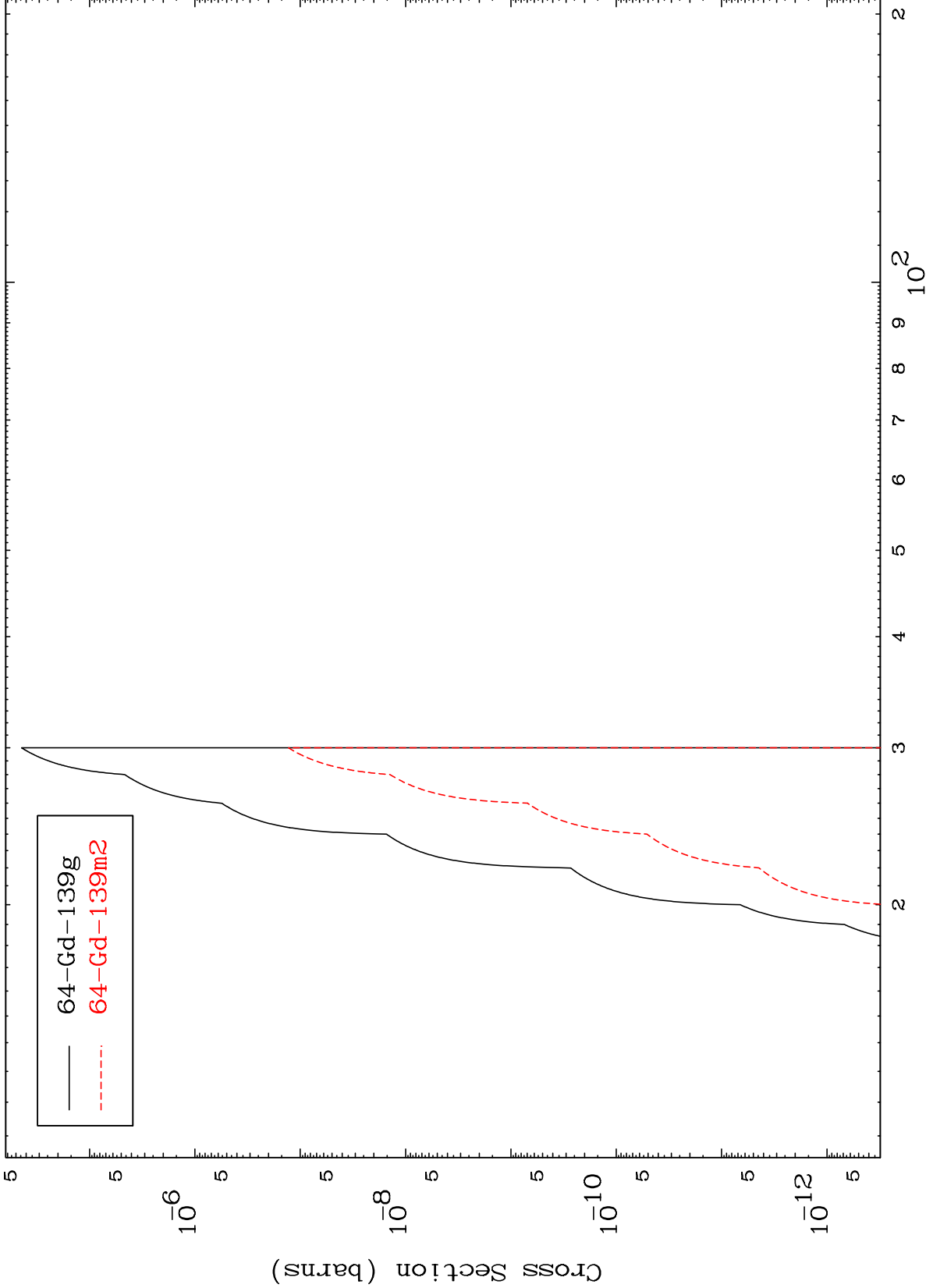


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(n,He-3)

64-Gd-138

Radionuclide Production Cross Section



64-Gd-139g
64-Gd-139m2

Incident Energy (MeV)

64-Gd-138

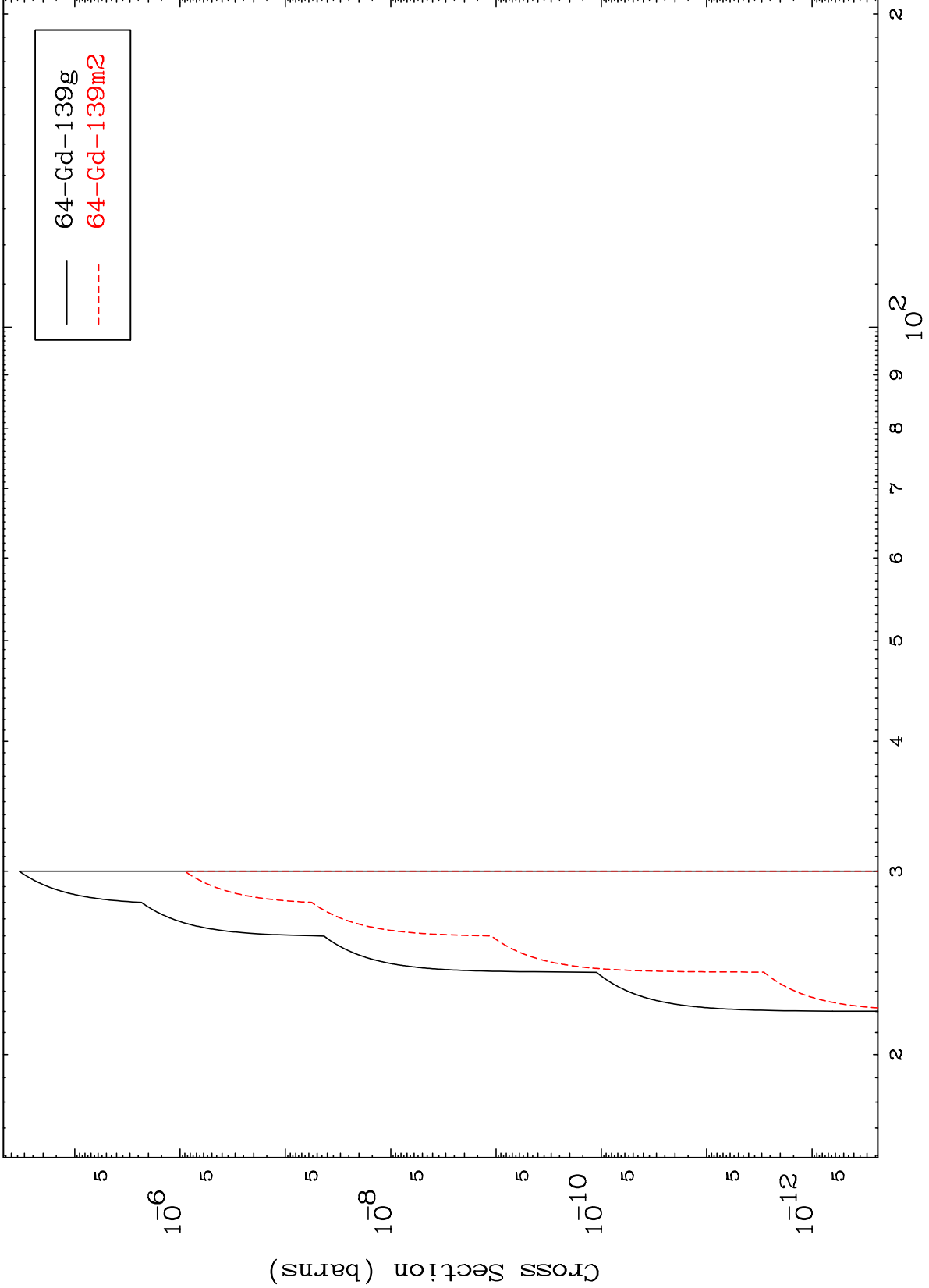
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(n,p) d

64-Gd-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

64-Gd-138