

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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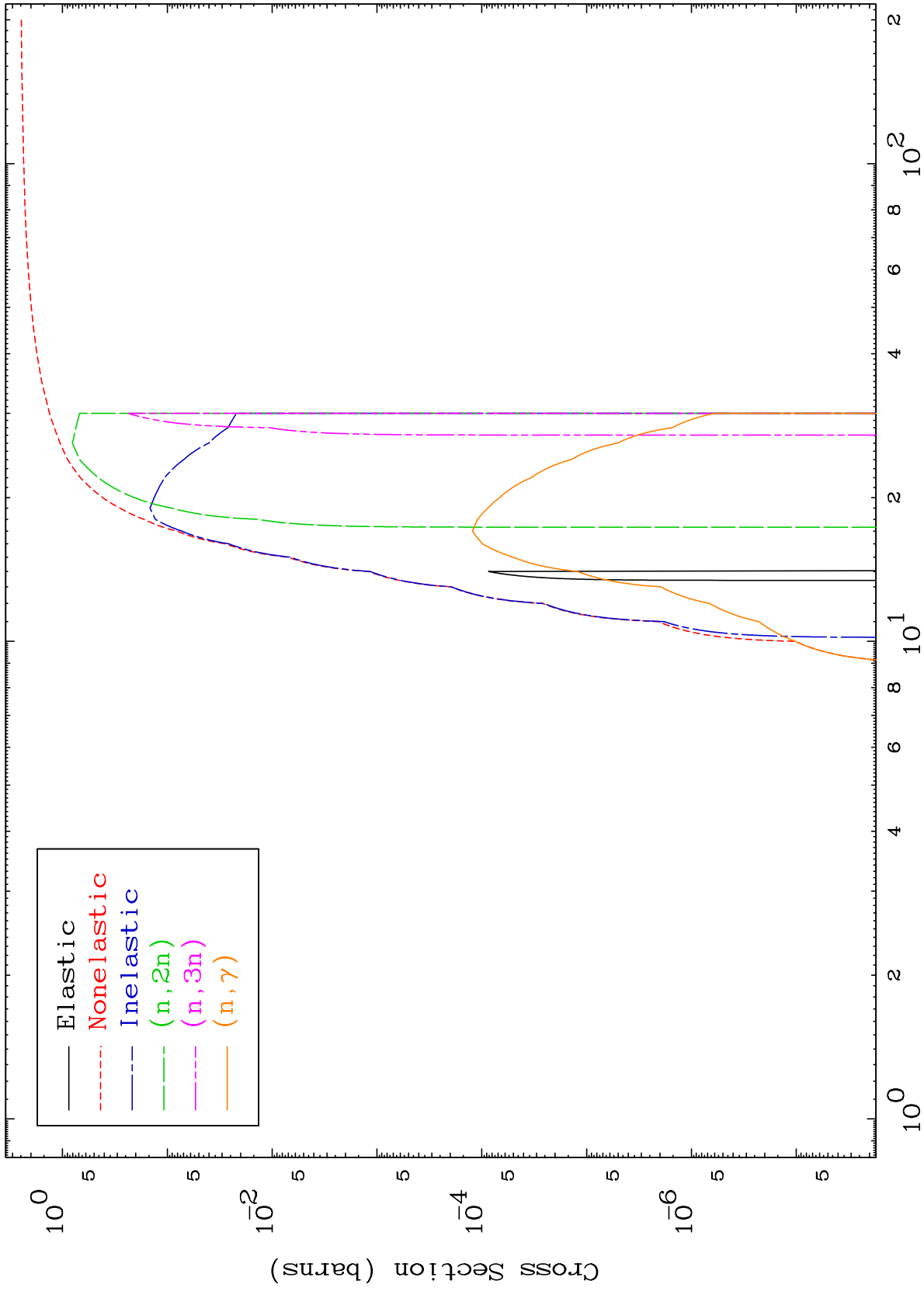
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6431

0 Kelvin α Major

64-Gd-154



1

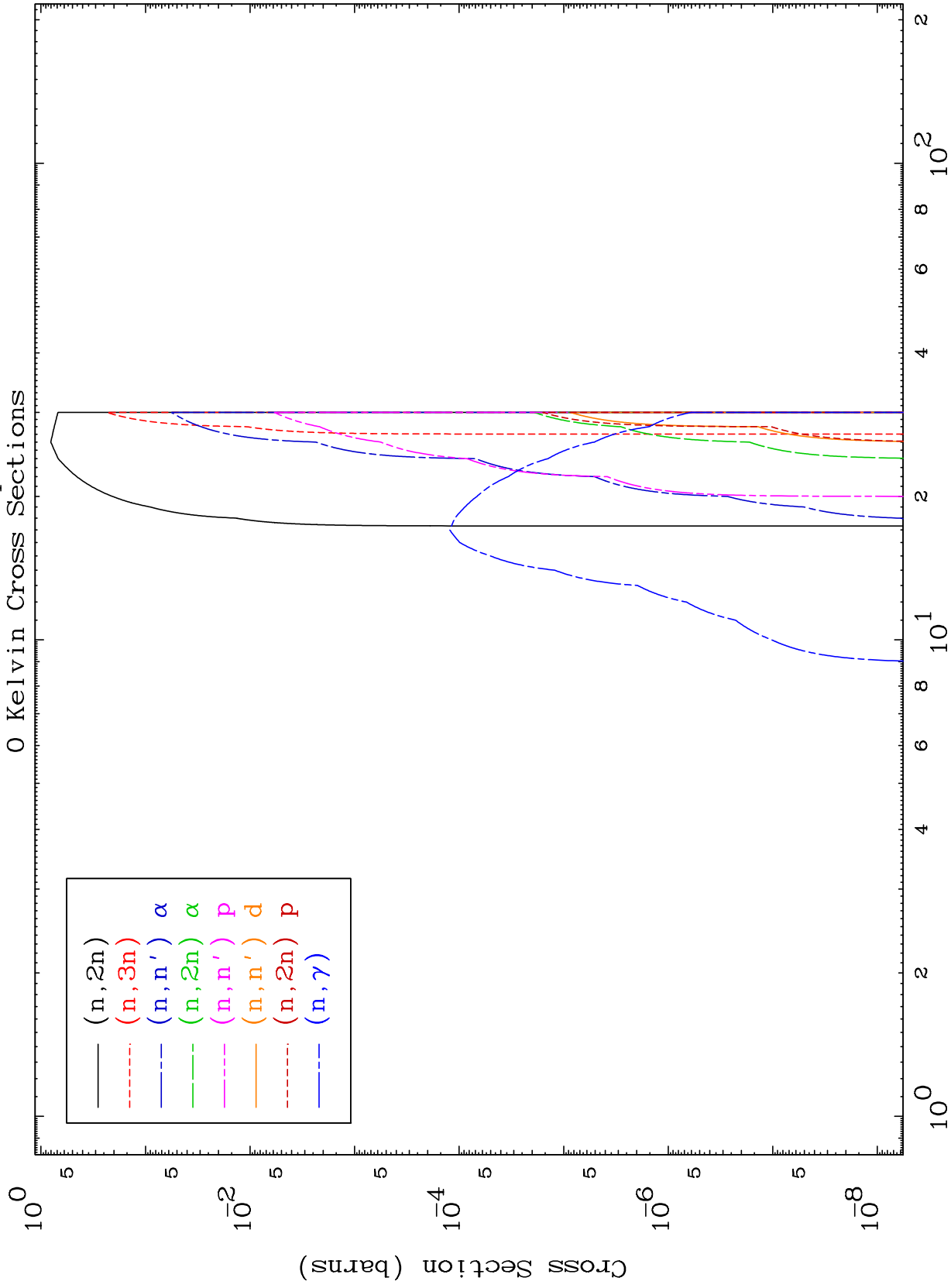
Incident Energy (MeV)

64-Gd-154

MAT 6431

α Neutron Absorption
0 Kelvin Cross Sections

64-Gd-154



2

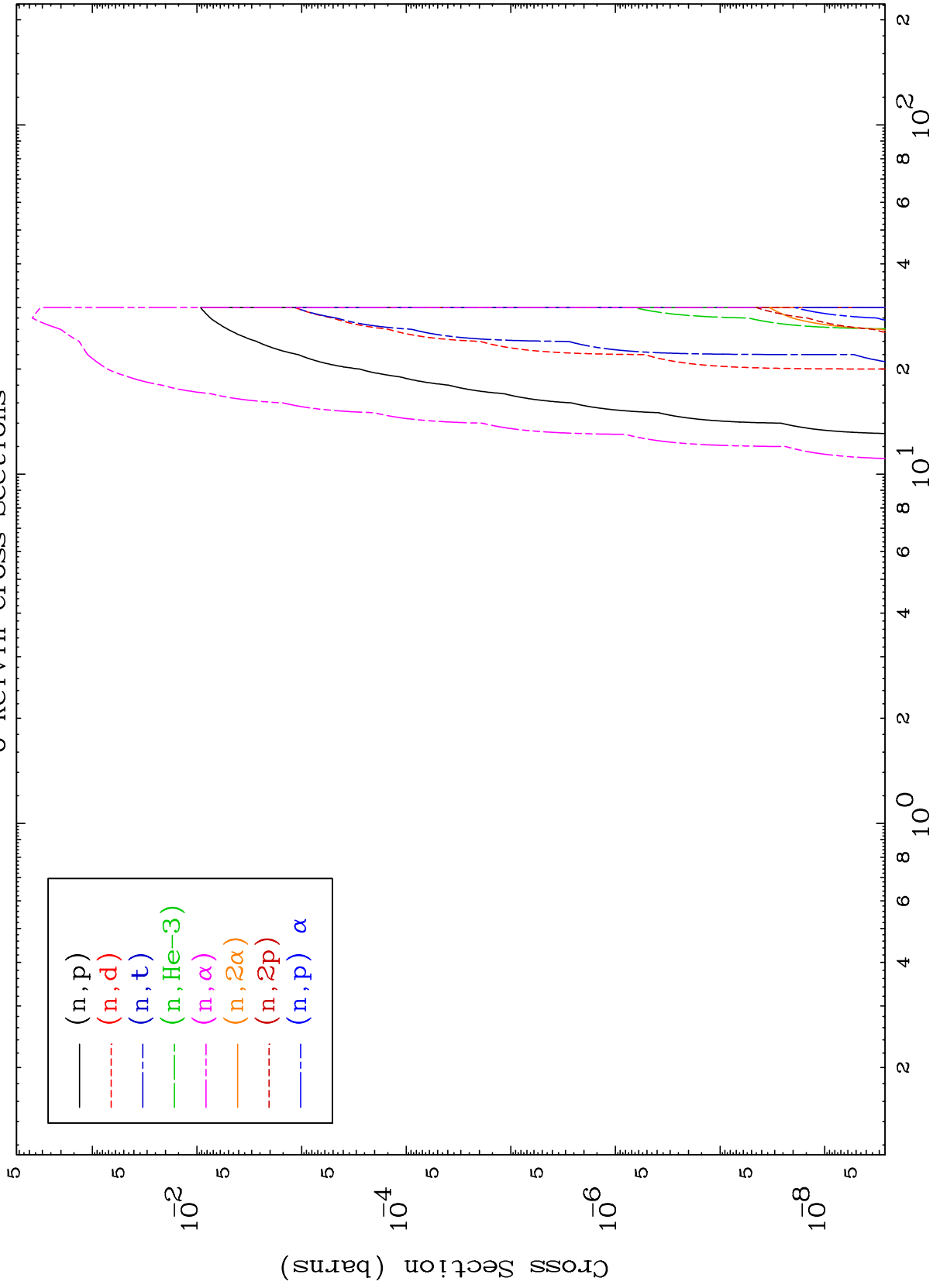
Incident Energy (MeV)

64-Gd-154

MAT 6431

α Neutron Absorption
0 Kelvin Cross Sections

64-Gd-154



3

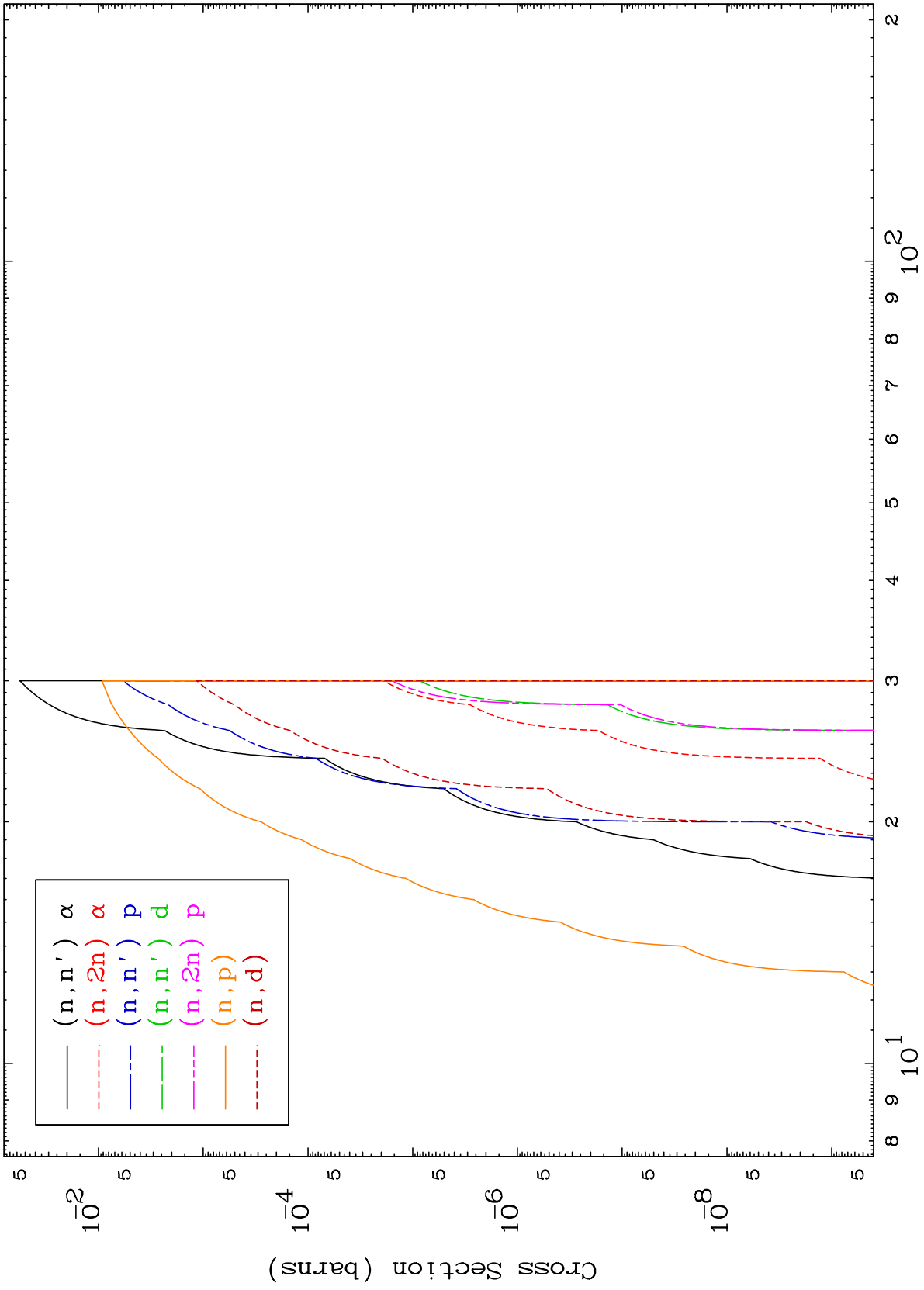
Incident Energy (MeV)

64-Gd-154

MAT 6431

α Charged Particle
0 Kelvin Cross Sections

64-Gd-154



4

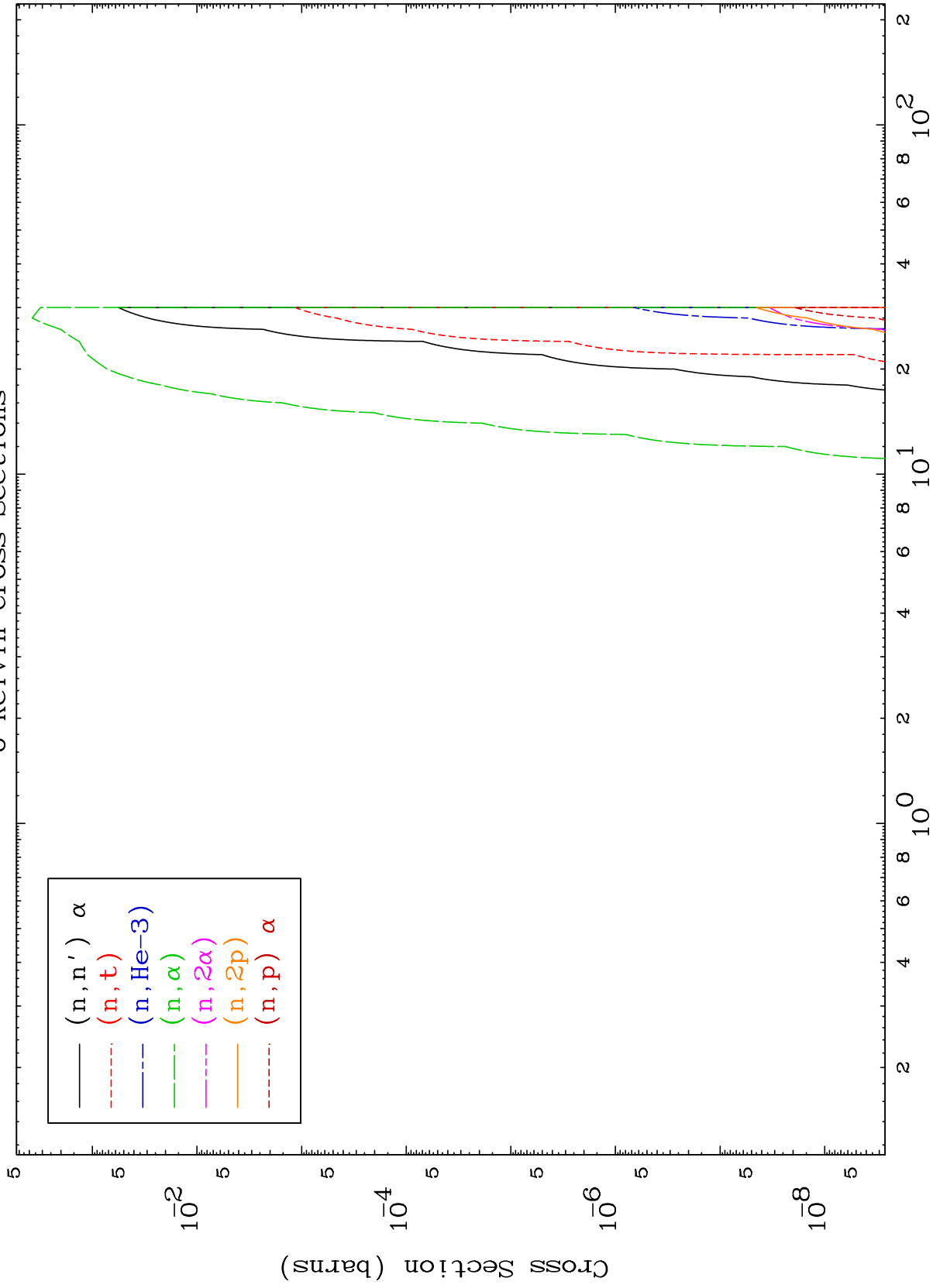
Incident Energy (MeV)

64-Gd-154

MAT 6431

α Charged Particle
0 Kelvin Cross Sections

64-Gd-154



5

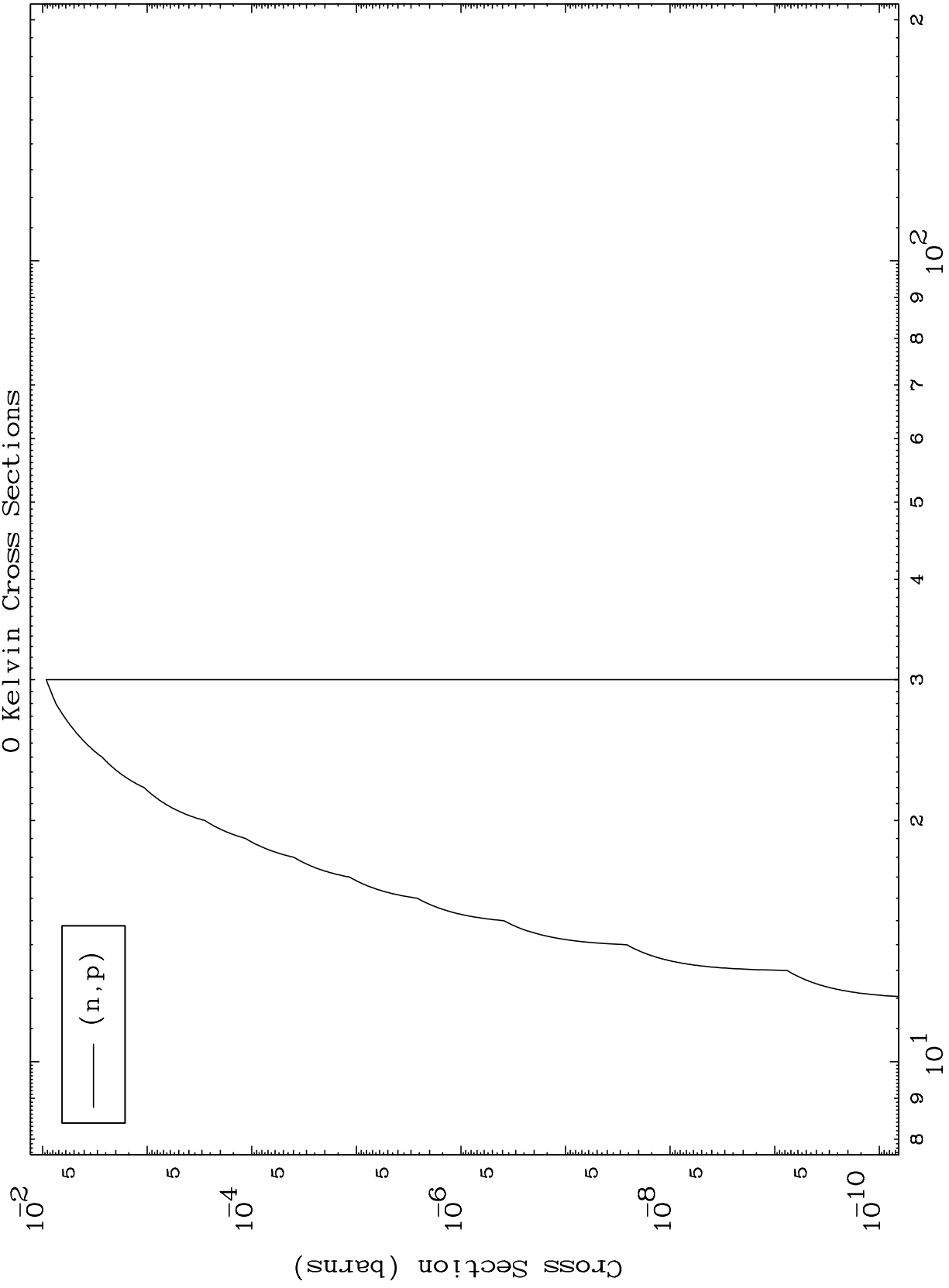
Incident Energy (MeV)

64-Gd-154

MAT 6431

64-Gd-154

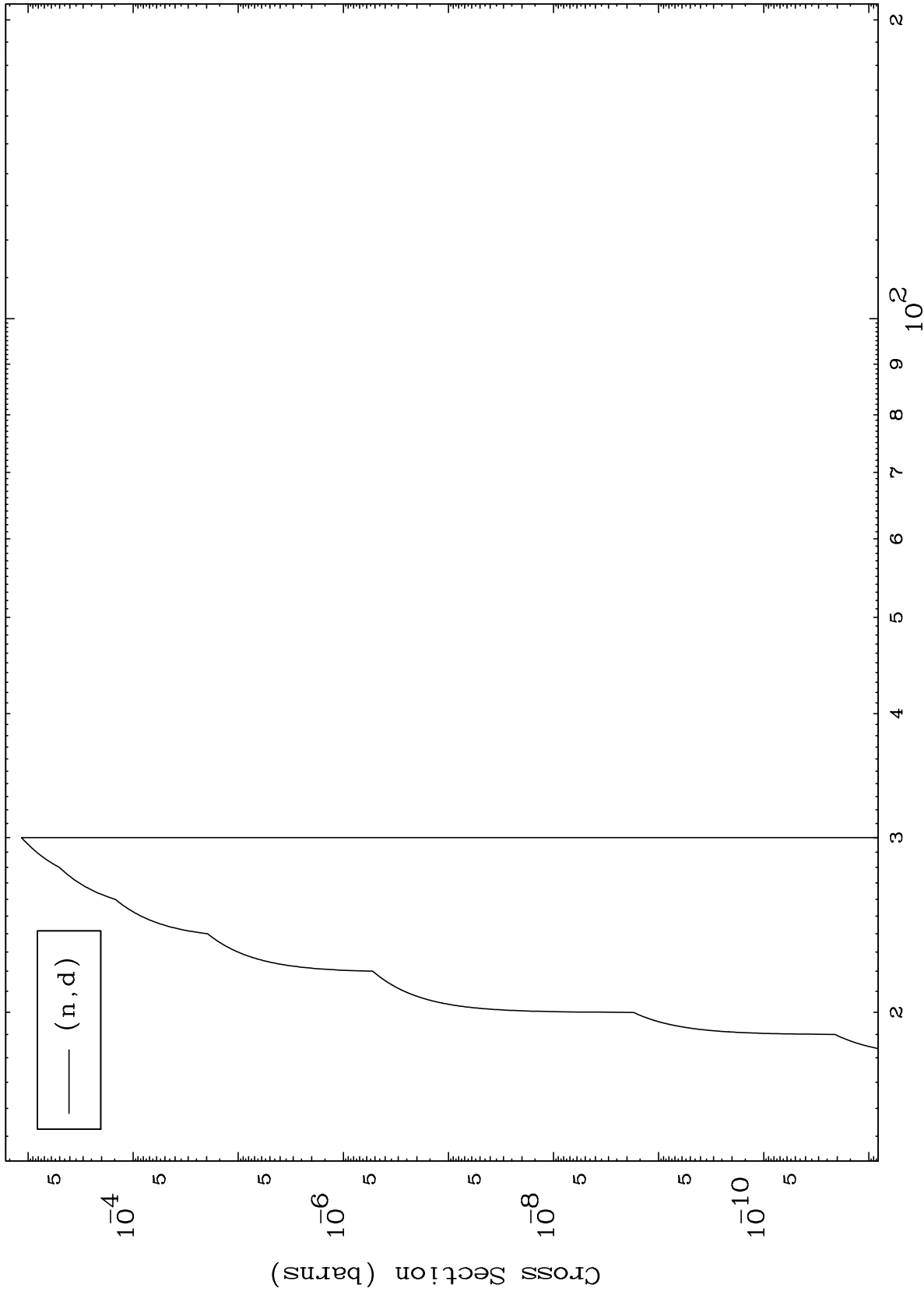
(α, p) Levels
0 Kelvin Cross Sections



MAT 6431

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-154



7

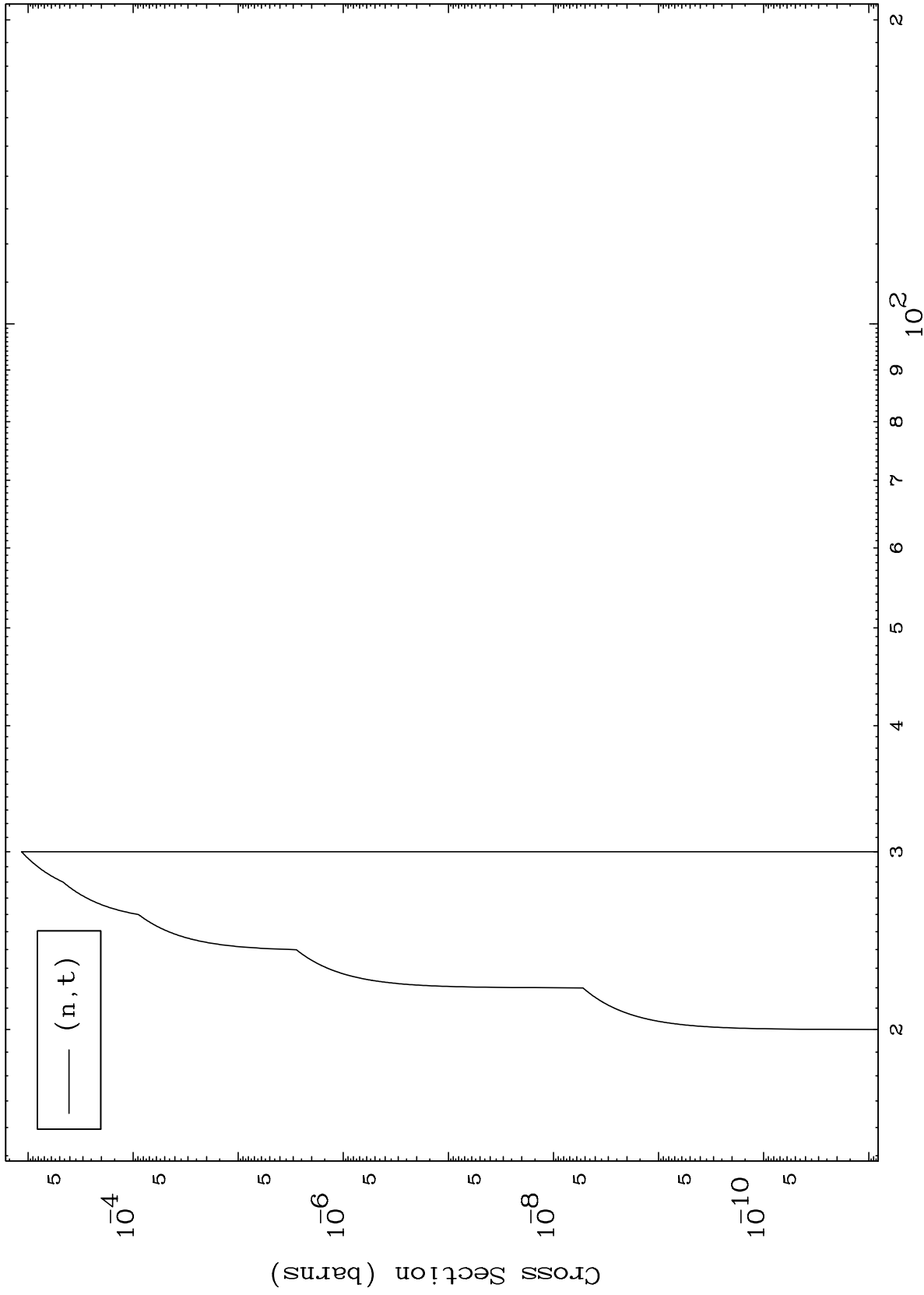
Incident Energy (MeV)

64-Gd-154

MAT 6431

(α, t) Levels
0 Kelvin Cross Sections

64-Gd-154



8

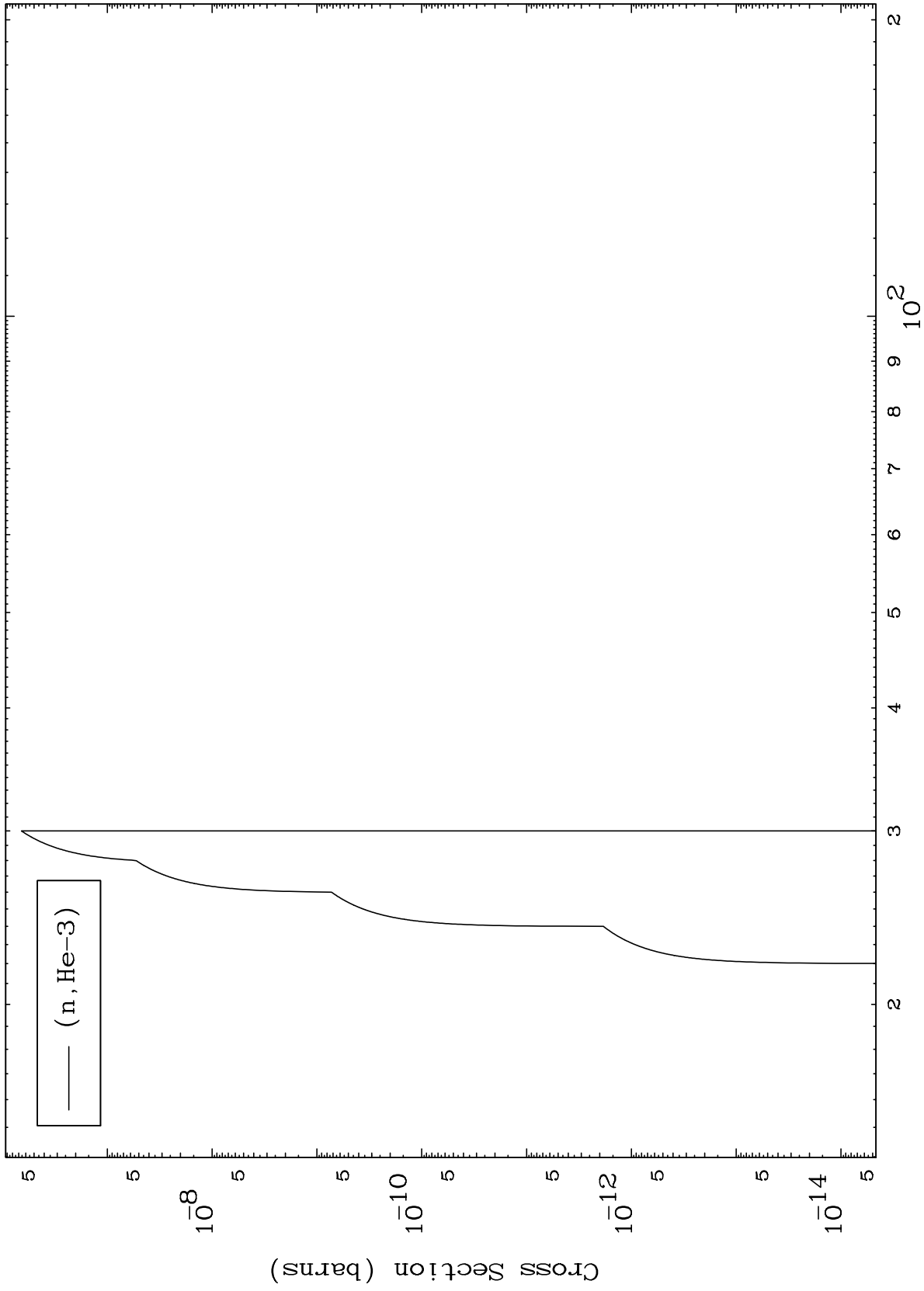
Incident Energy (MeV)

64-Gd-154

MAT 6431

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

64-Gd-154



9

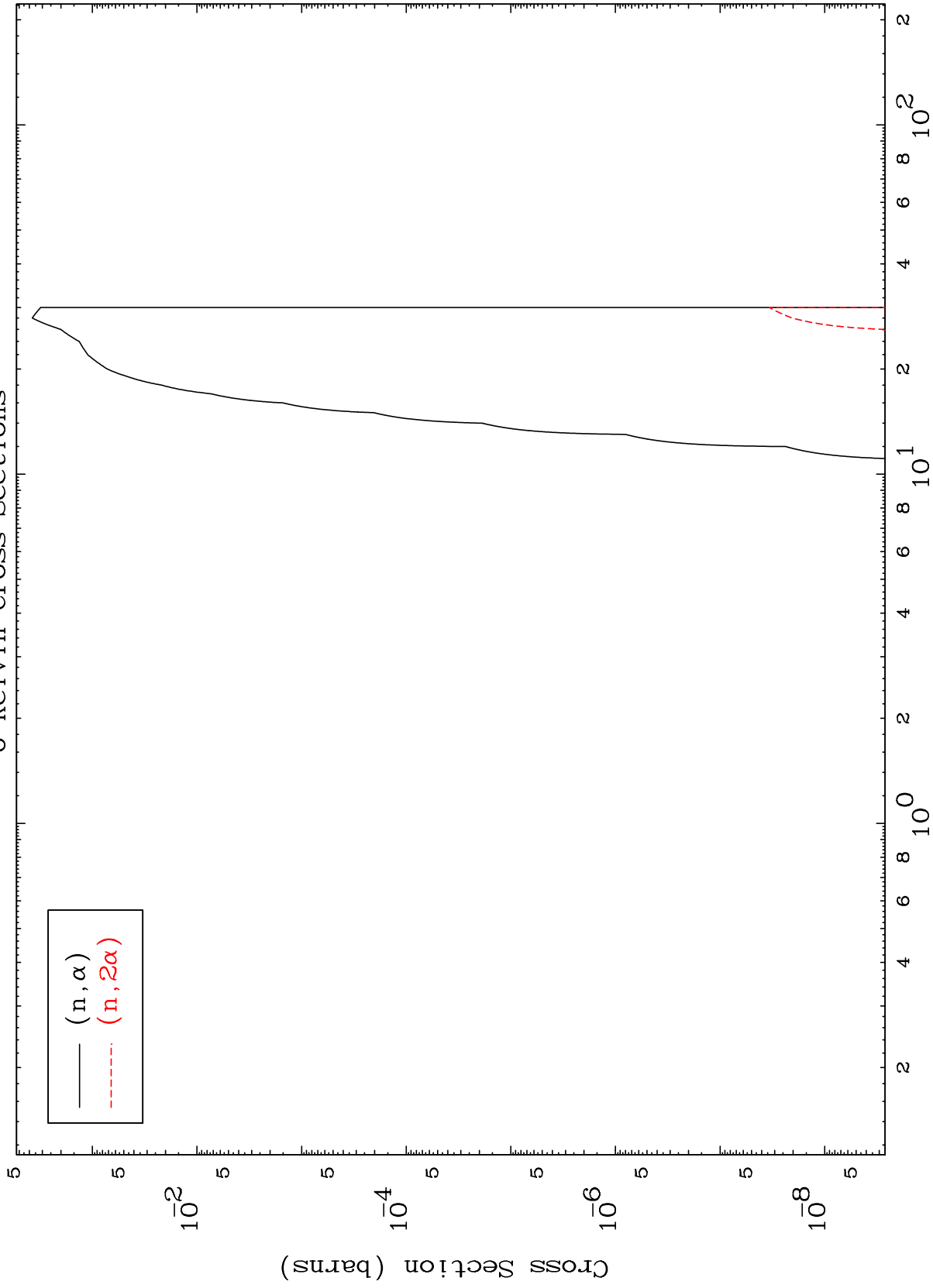
Incident Energy (MeV)

64-Gd-154

MAT 6431

(α, α) Levels
0 Kelvin Cross Sections

64-Gd-154



10

Incident Energy (MeV)

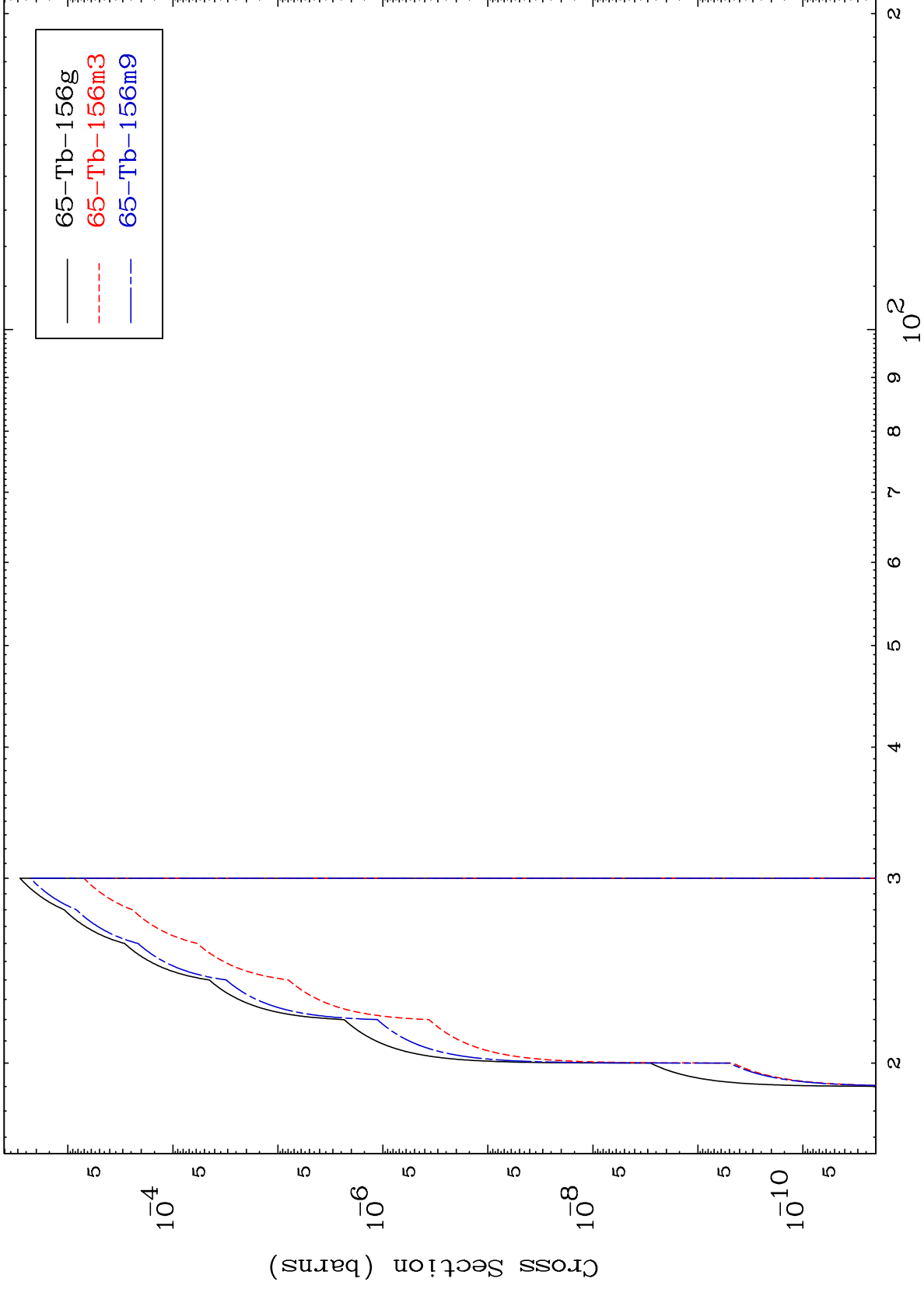
64-Gd-154

MAT 6431

(n,n') p

64-Gd-154

Radionuclide Production Cross Section



11

Incident Energy (MeV)

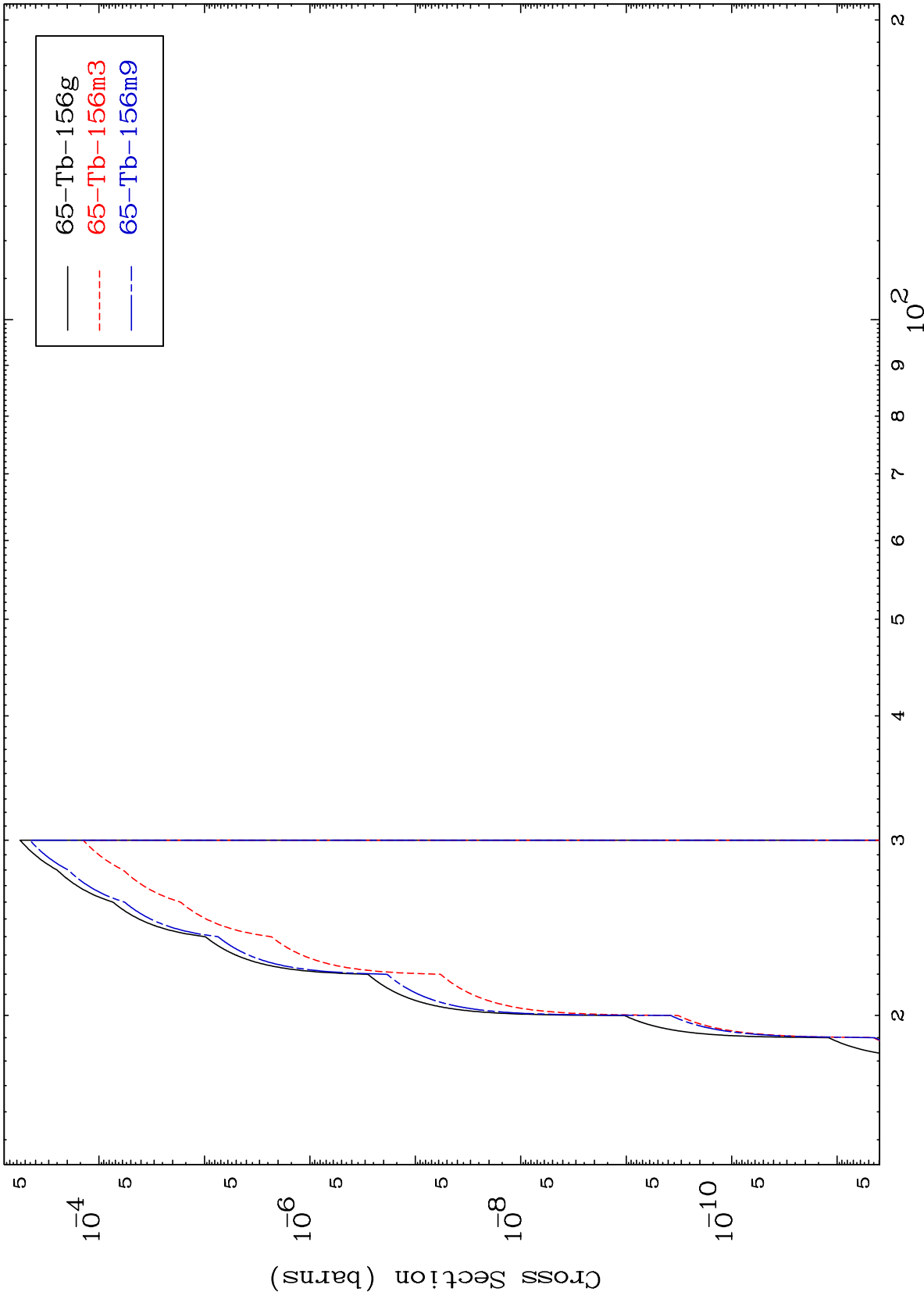
64-Gd-154

MAT 6431

(n,d)

64-Gd-154

Radionuclide Production Cross Section



12

Incident Energy (MeV)

64-Gd-154