

Program EVALPLOT
(Version 2021-1)

by

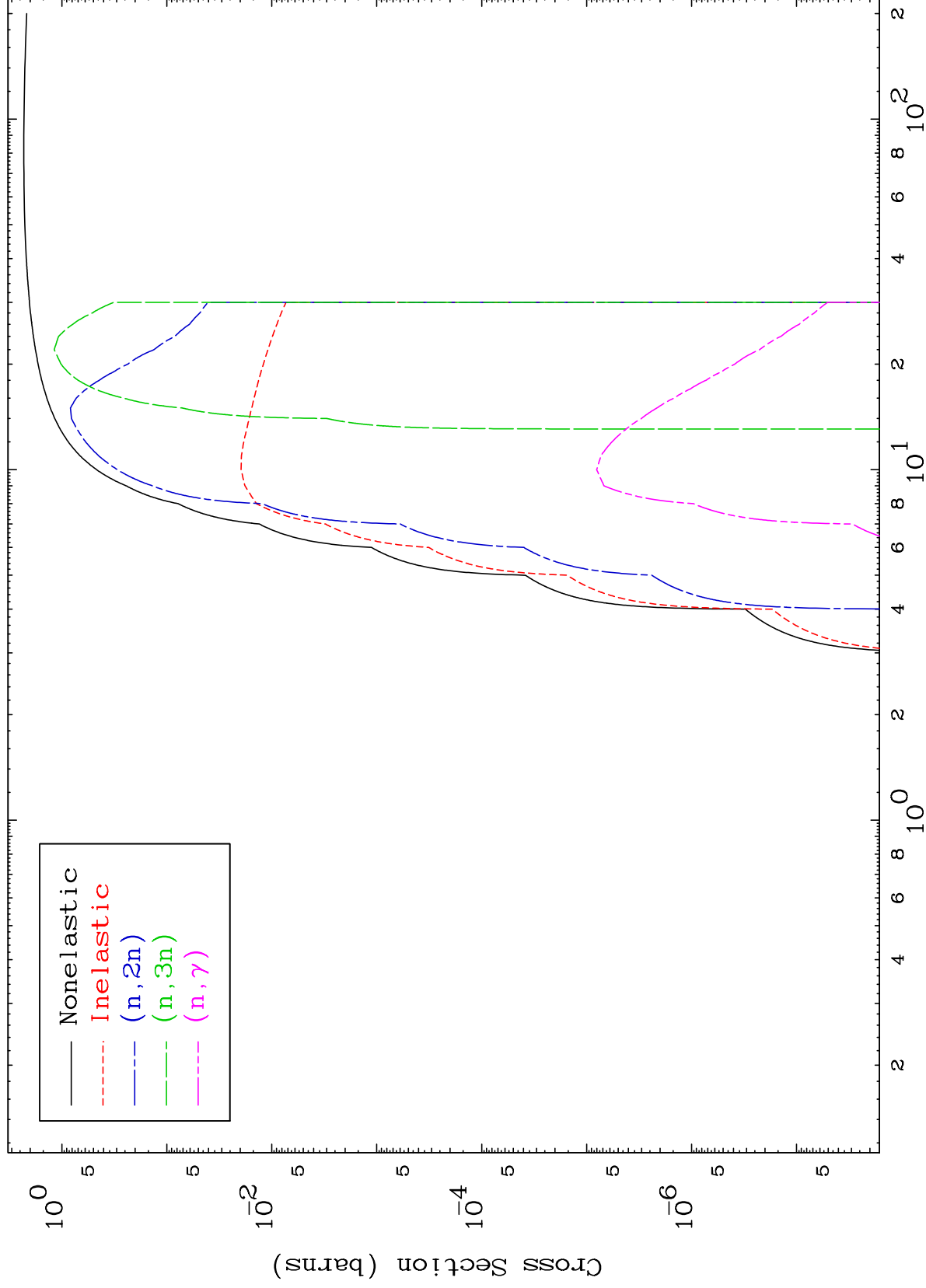
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(Present Contact Information)
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Livermore, CA 94550
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Tele: 925-443-1911

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

Press Mouse Button to Start

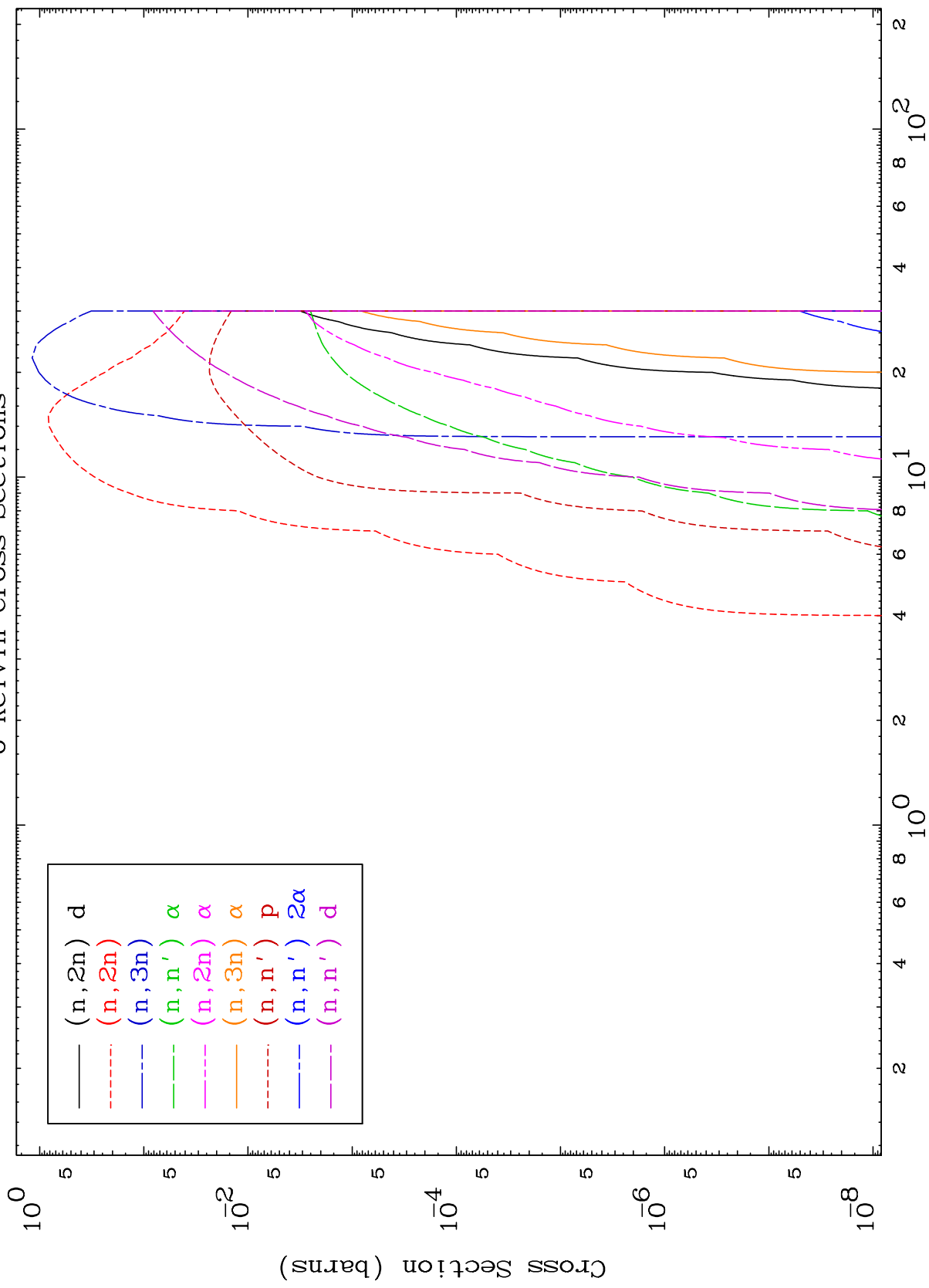
0 Kelvin Cross Sections



MAT 6431

Triton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-154



2

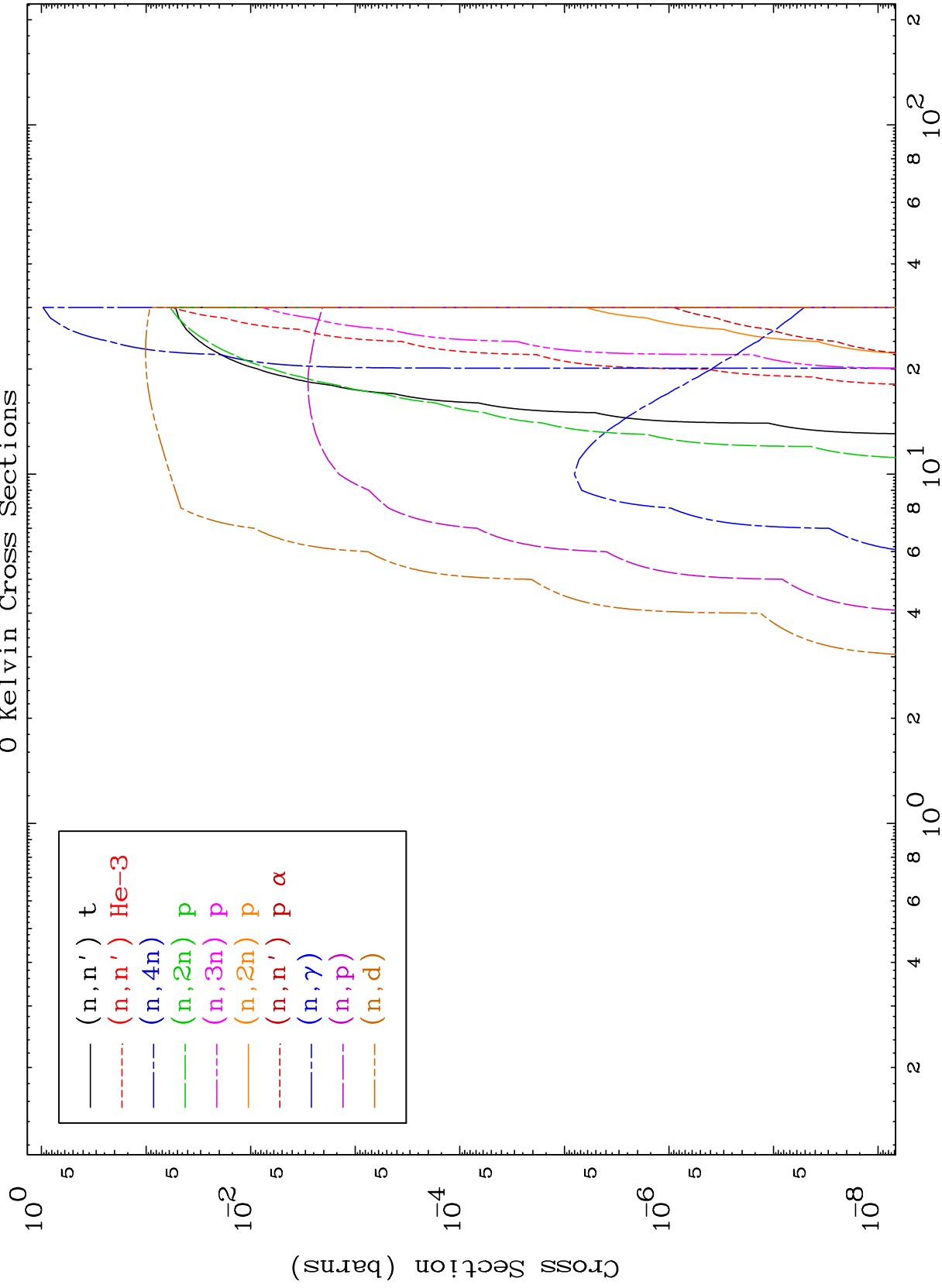
Incident Energy (MeV)

64-Gd-154

MAT 6431

Triton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-154



3

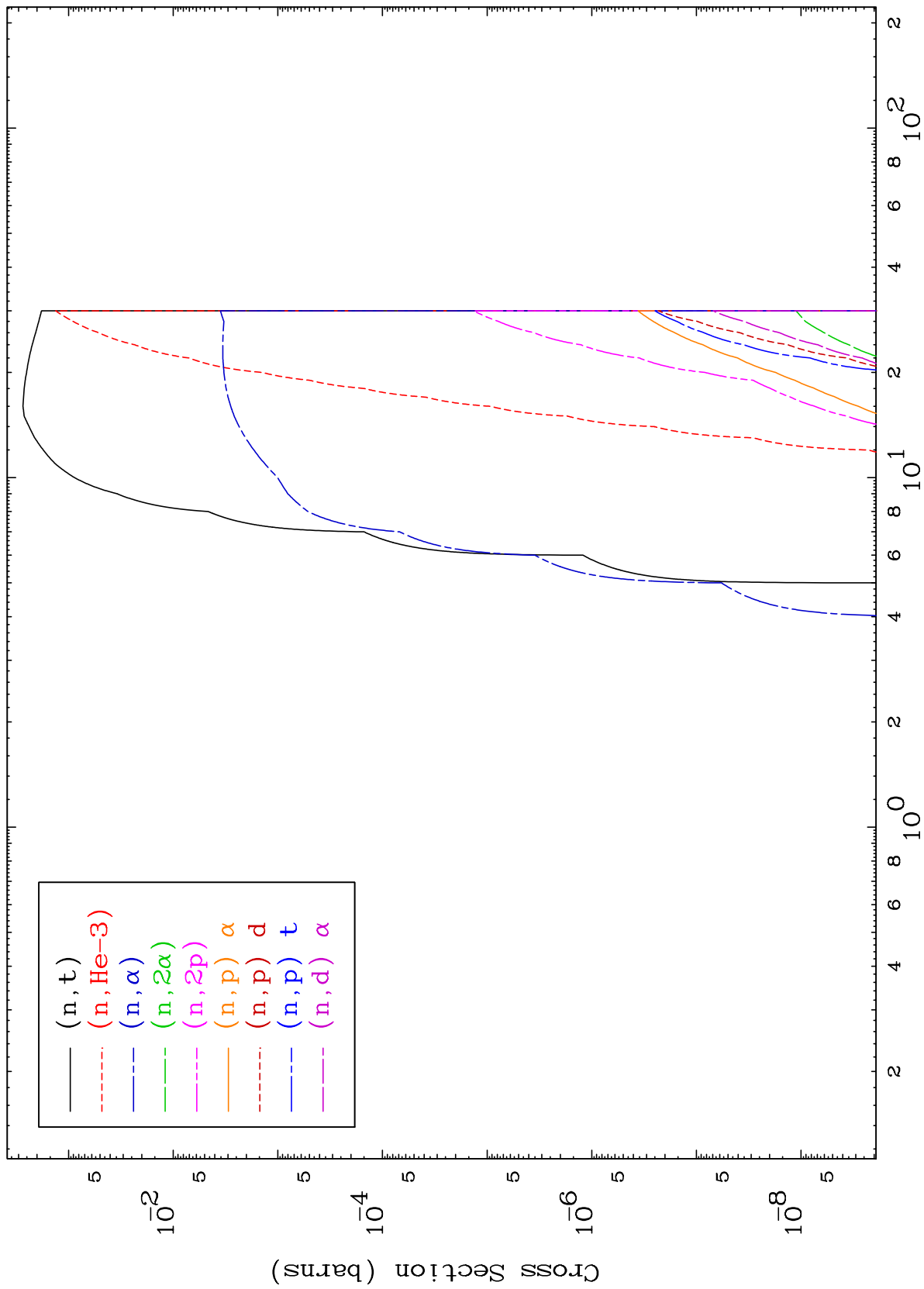
Incident Energy (MeV)

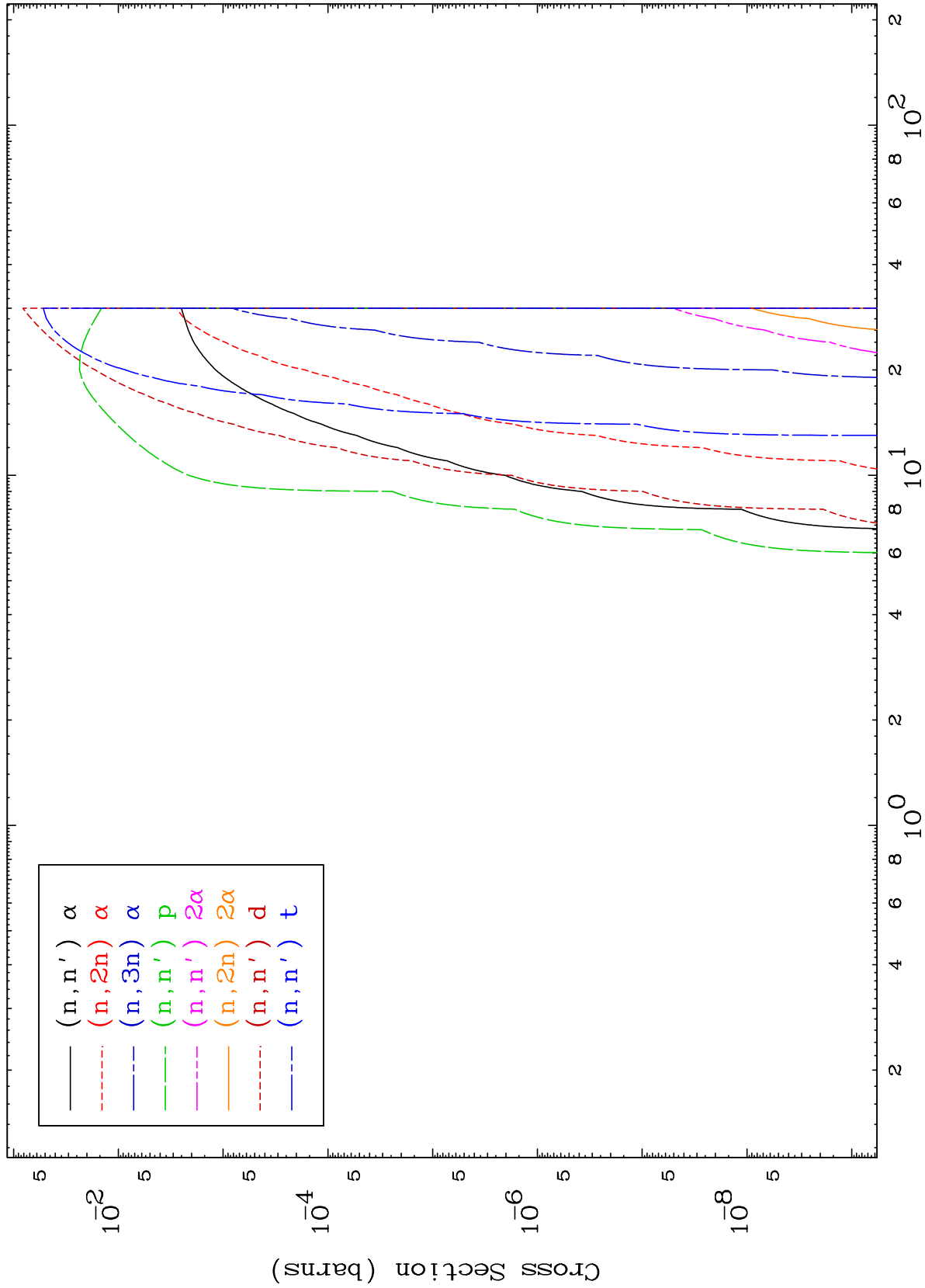
64-Gd-154

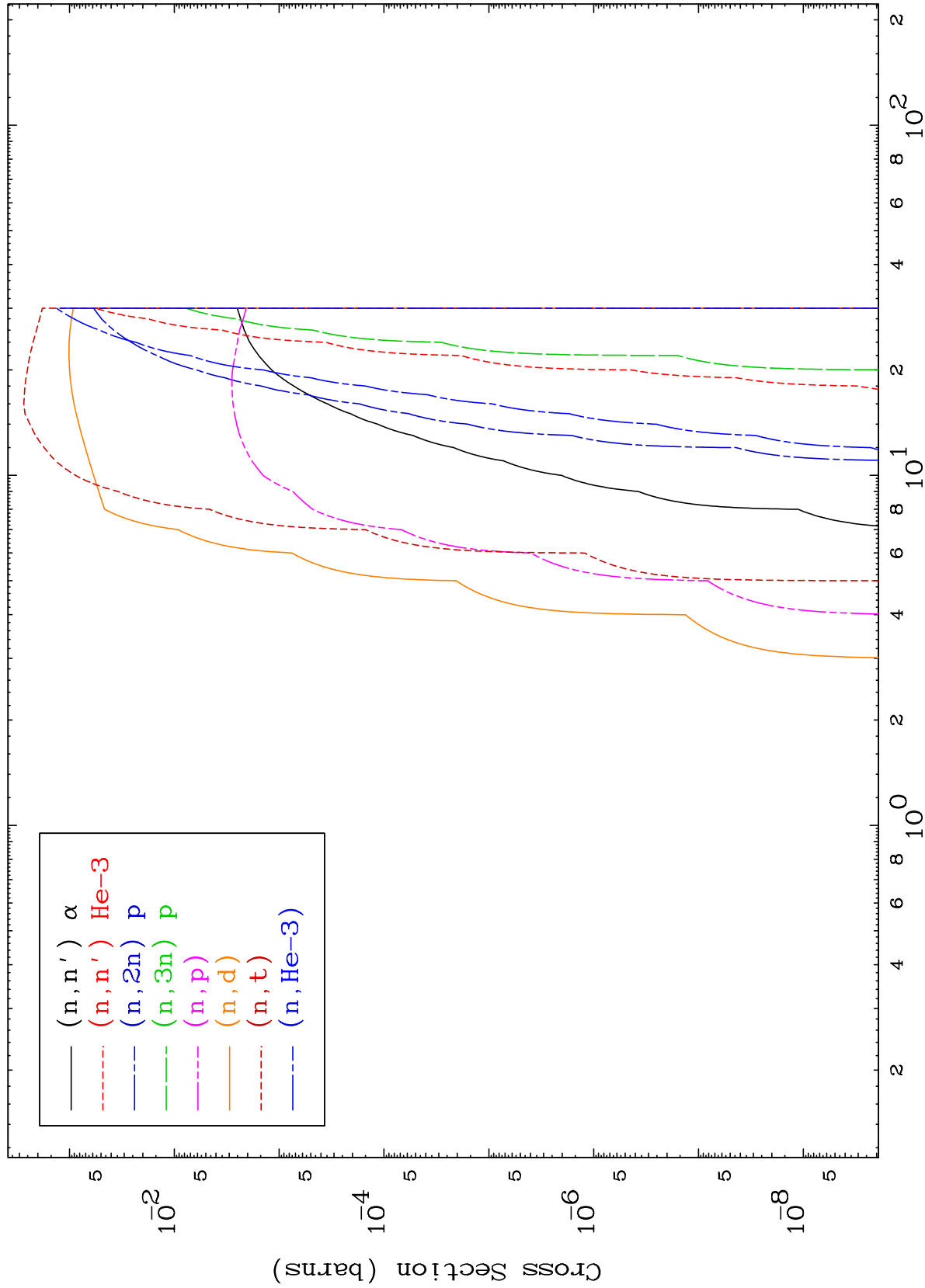
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Triton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-154



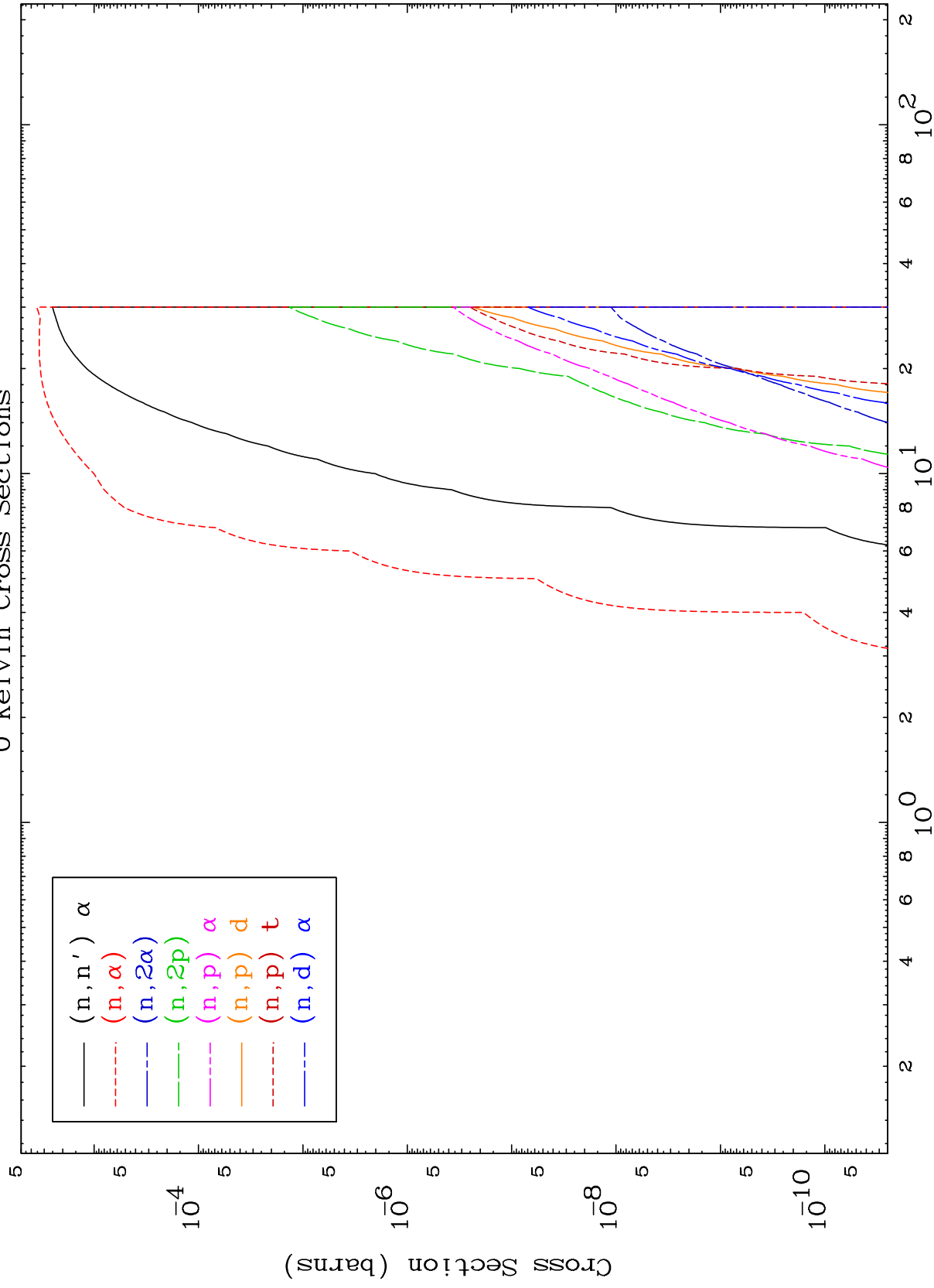




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Triton Charged Particle
0 Kelvin Cross Sections

64-Gd-154



7

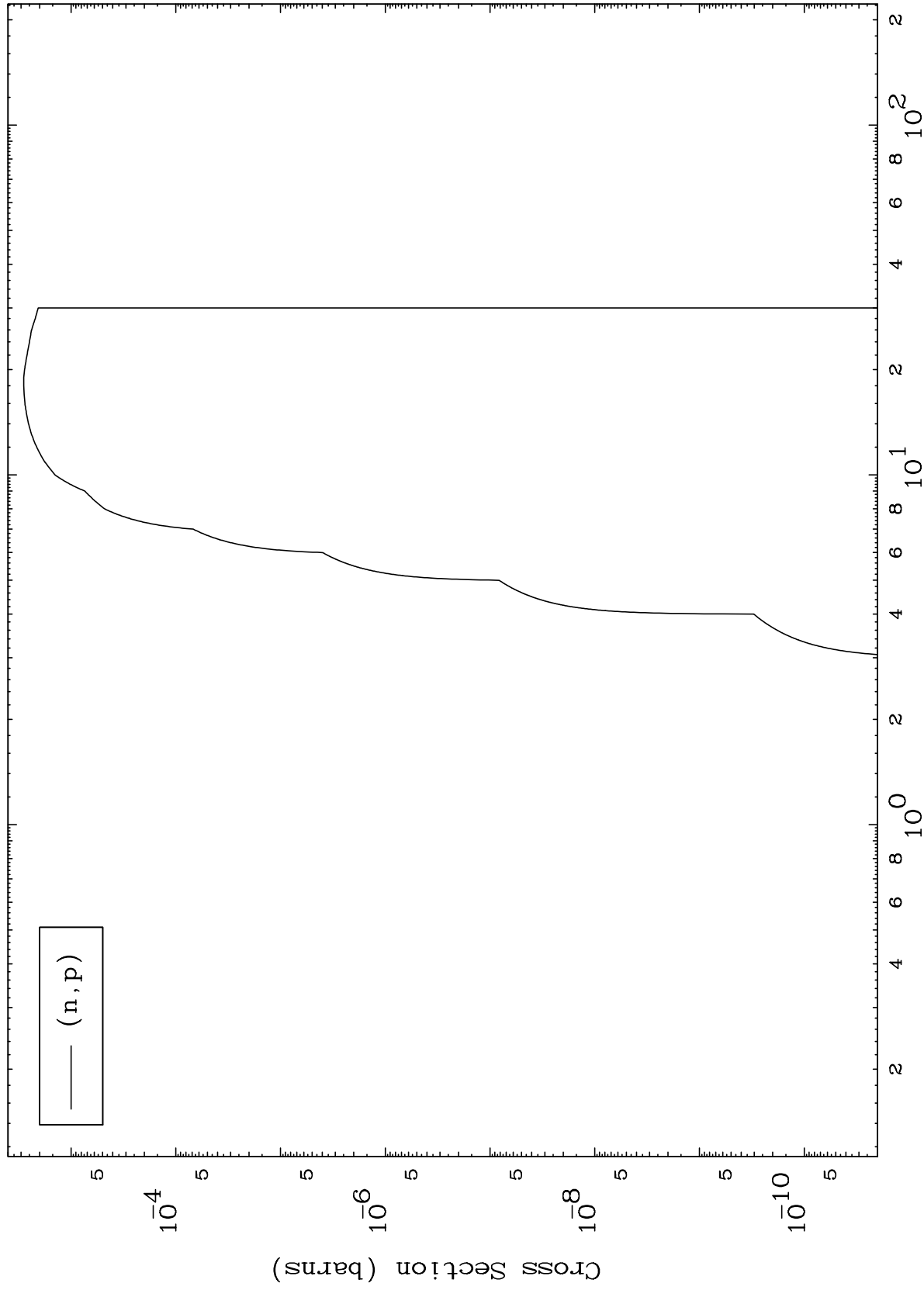
Incident Energy (MeV)

64-Gd-154

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64-Gd-154

(t,p) Levels
0 Kelvin Cross Sections



8

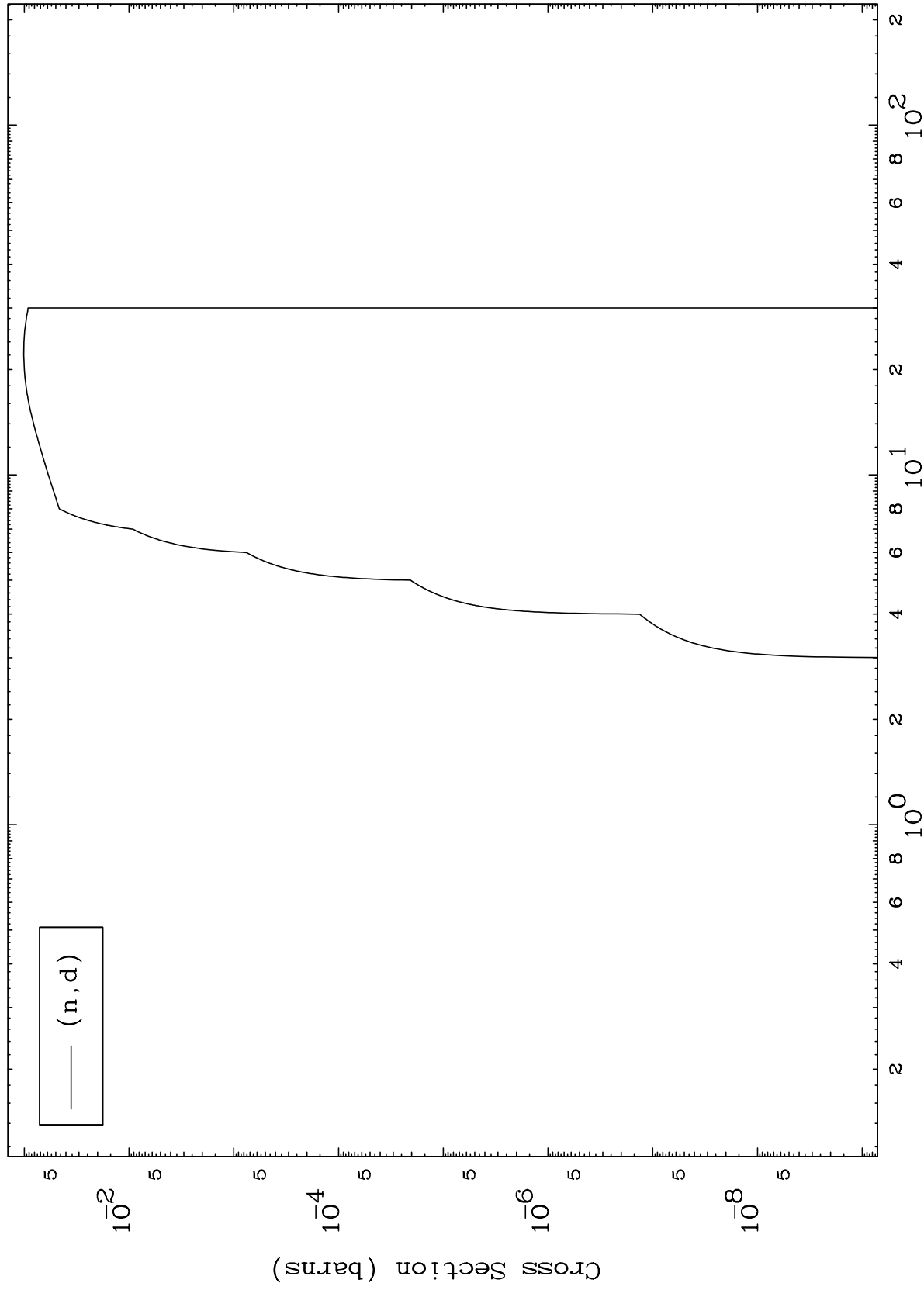
Incident Energy (MeV)

64-Gd-154

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64-Gd-154

(t,d) Levels
0 Kelvin Cross Sections

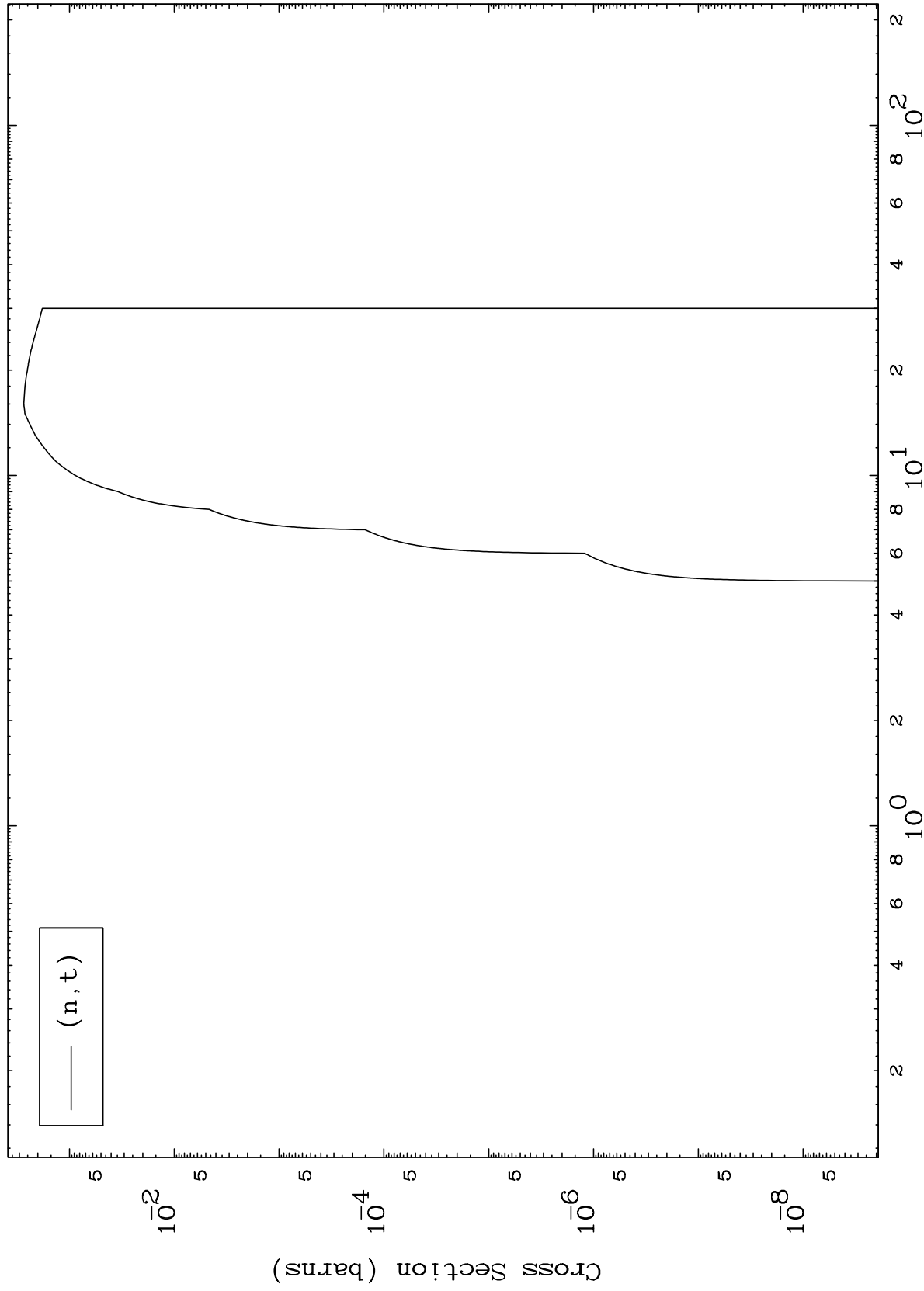


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(t,t) Levels

64-Gd-154

0 Kelvin Cross Sections



10

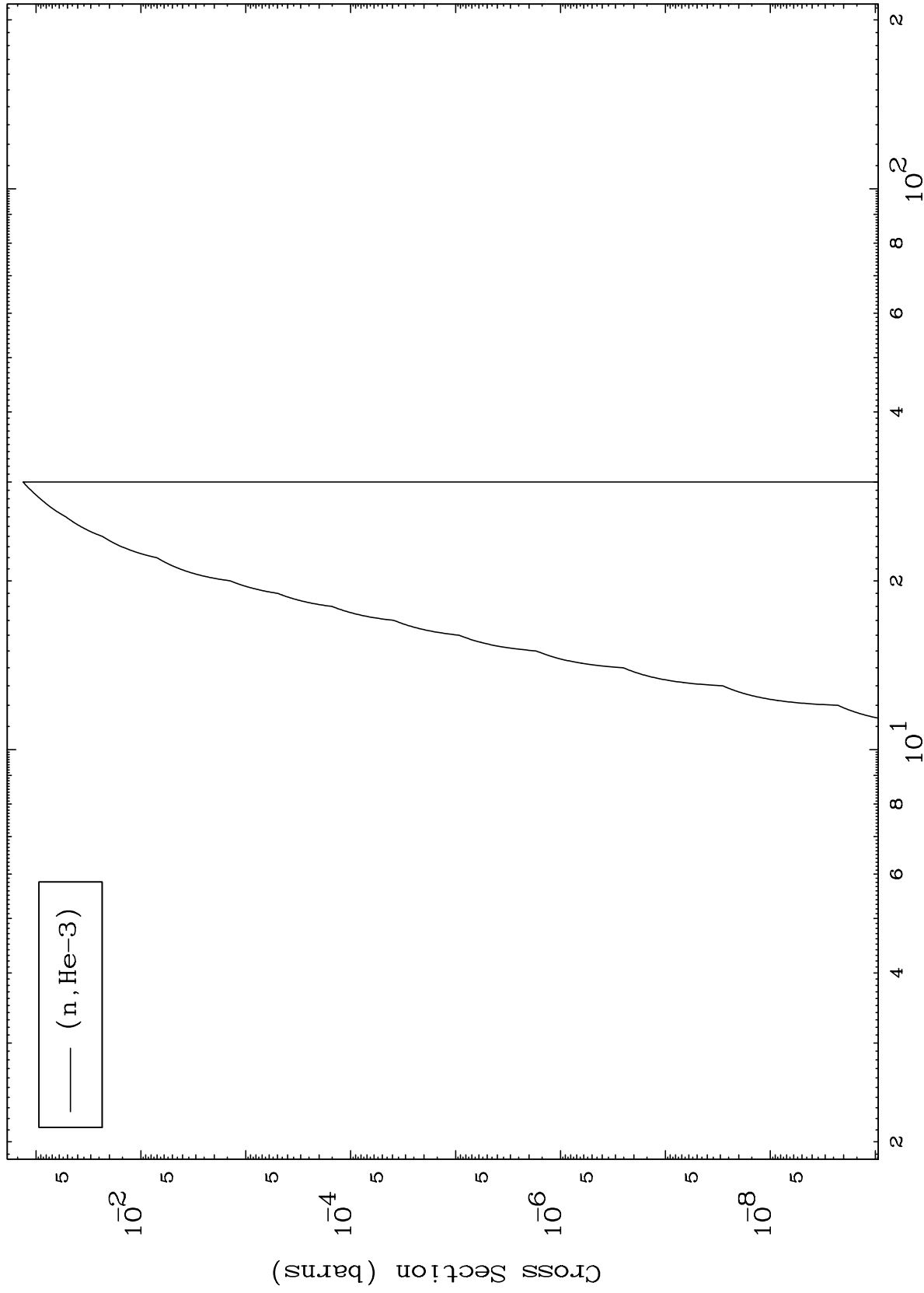
Incident Energy (MeV)

64-Gd-154

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(t,He3) Levels
0 Kelvin Cross Sections

64-Gd-154



11

Incident Energy (MeV)

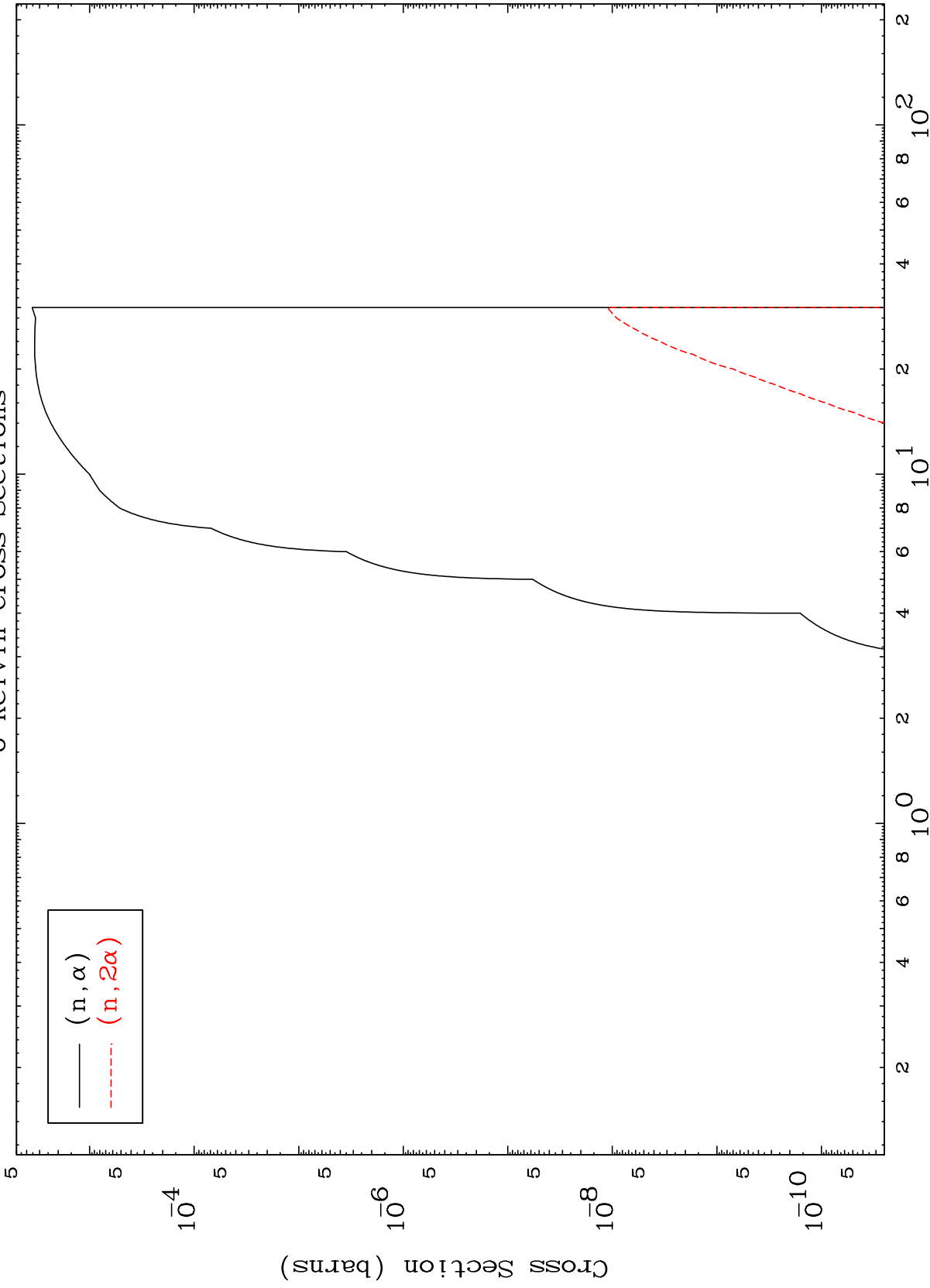
64-Gd-154

MAT 6431

(t, α) Levels

64-Gd-154

0 Kelvin Cross Sections



12

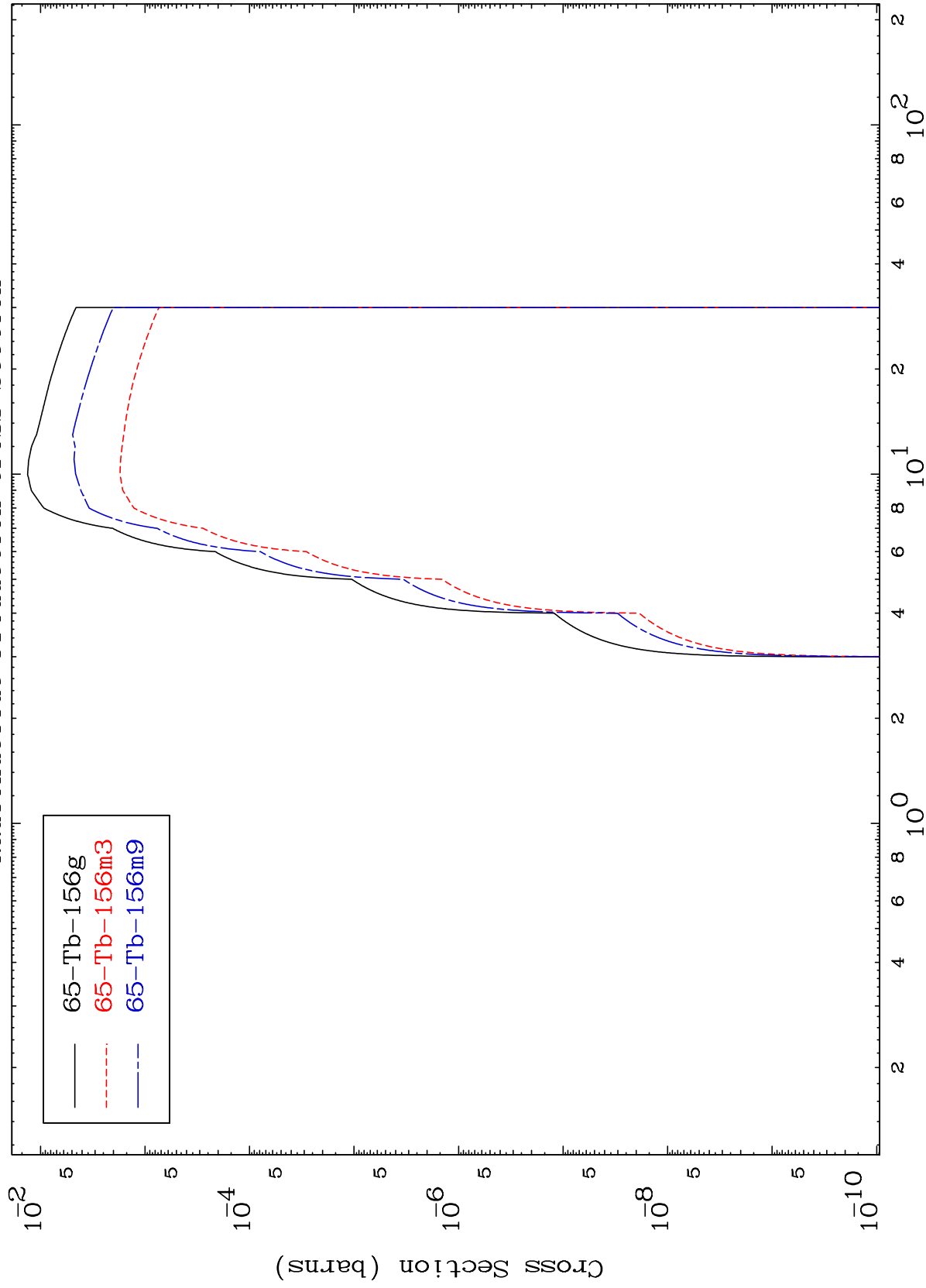
Incident Energy (MeV)

64-Gd-154

MAT 6431

64-Gd-154

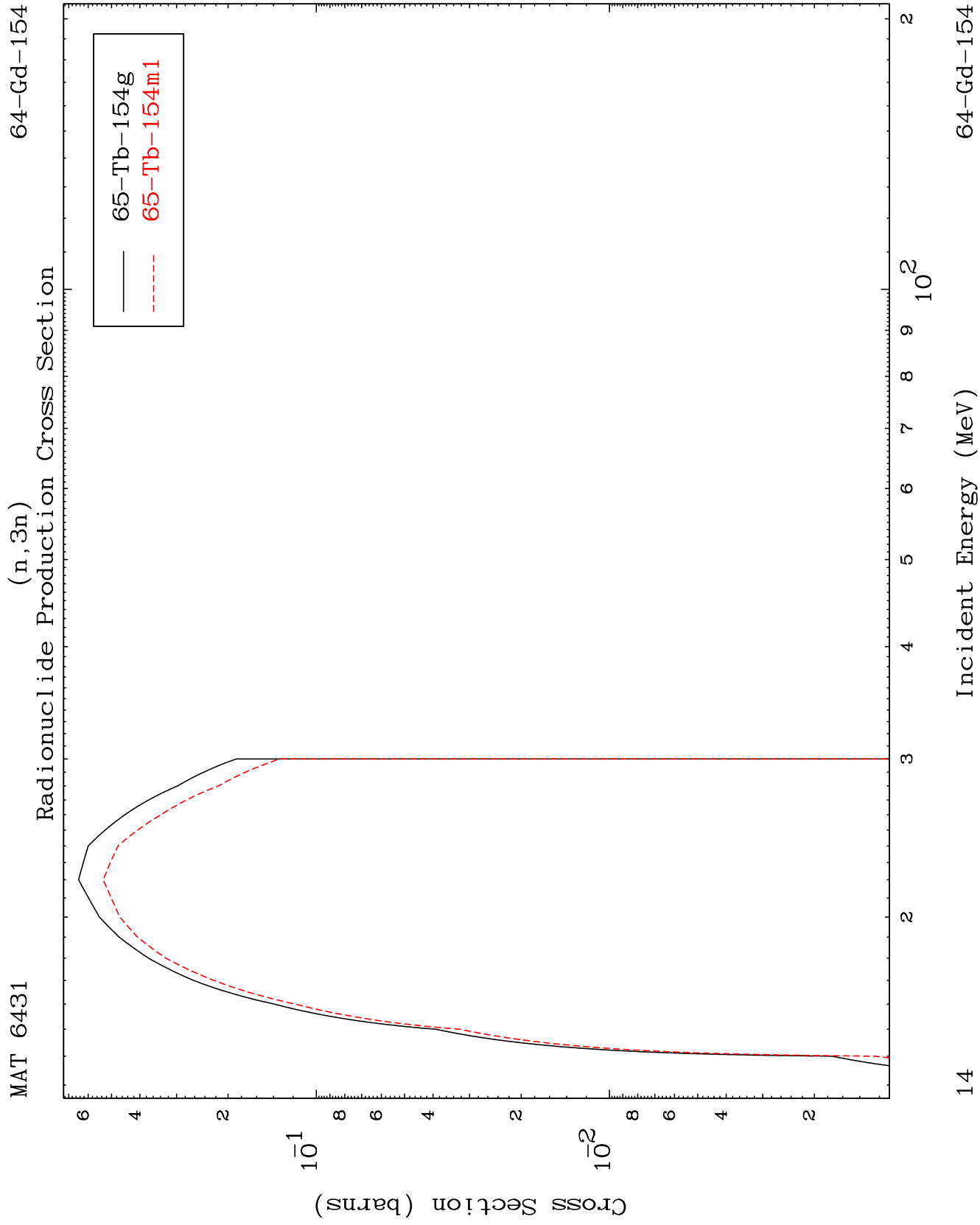
Inelastic
Radionuclide Production Cross Section



13

Incident Energy (MeV)

64-Gd-154

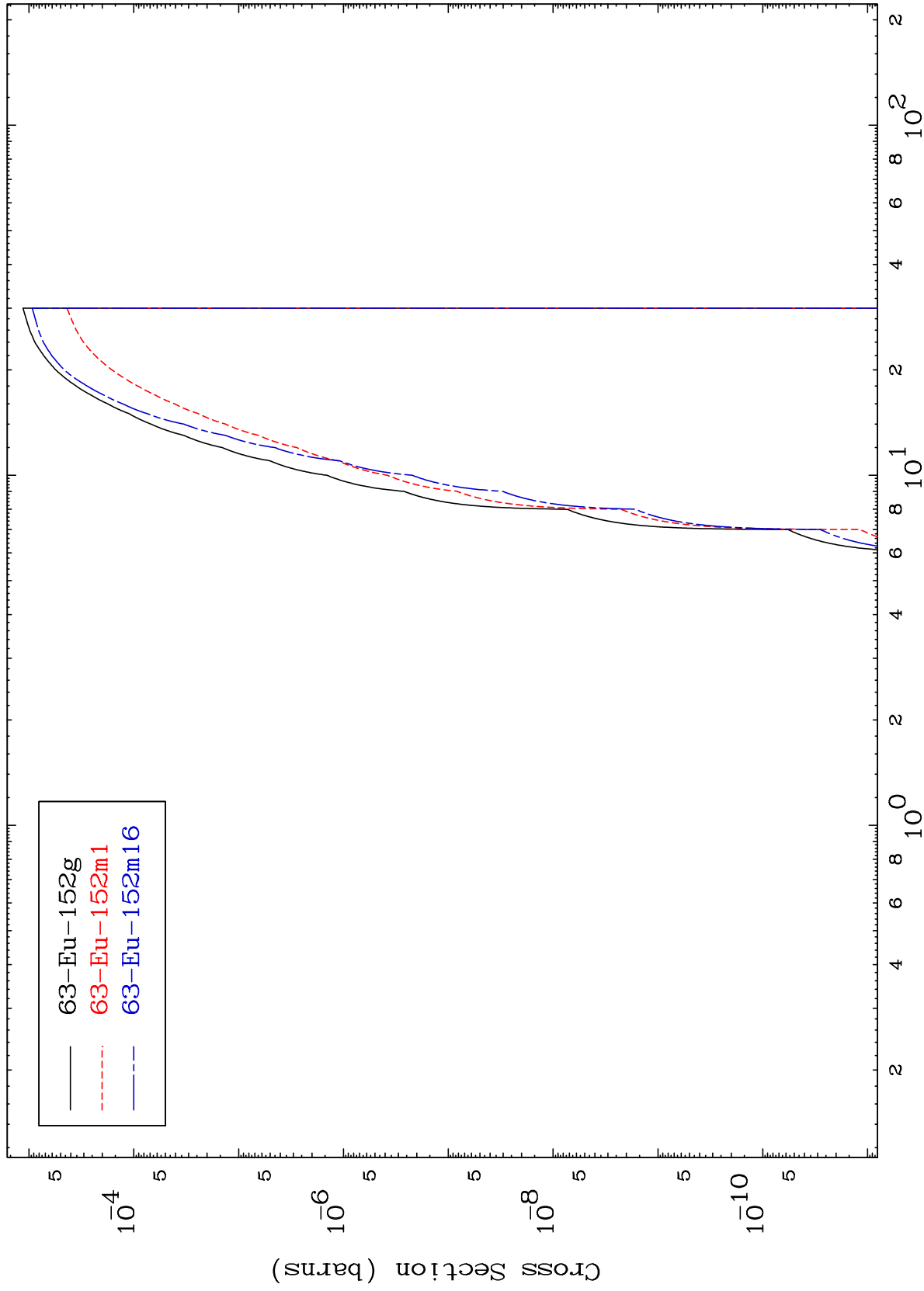


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$(n, n') \alpha$

64-Gd-154

Radionuclide Production Cross Section



15

Incident Energy (MeV)

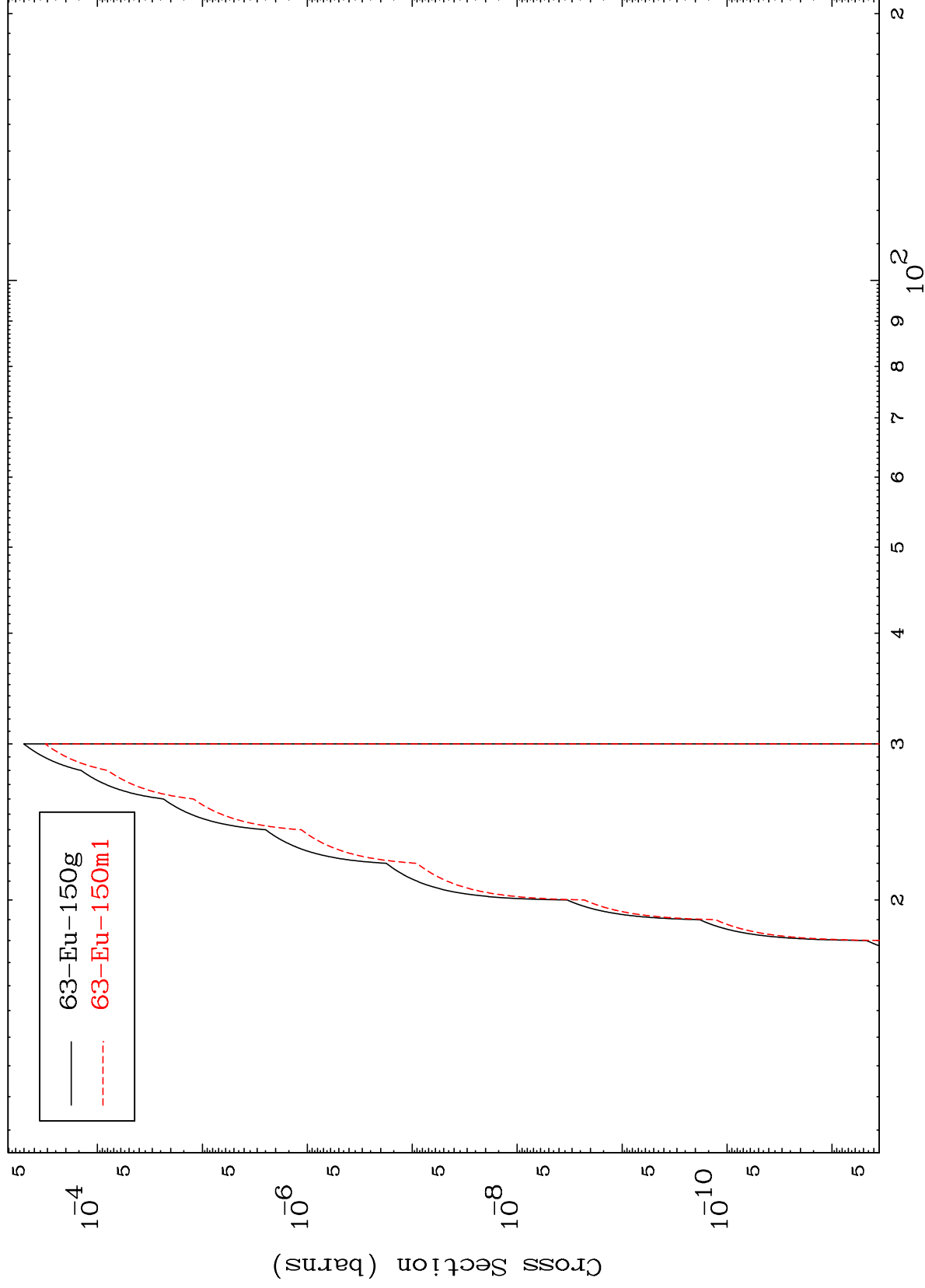
64-Gd-154

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$(n,3n) \alpha$

64-Gd-154

Radionuclide Production Cross Section



16

Incident Energy (MeV)

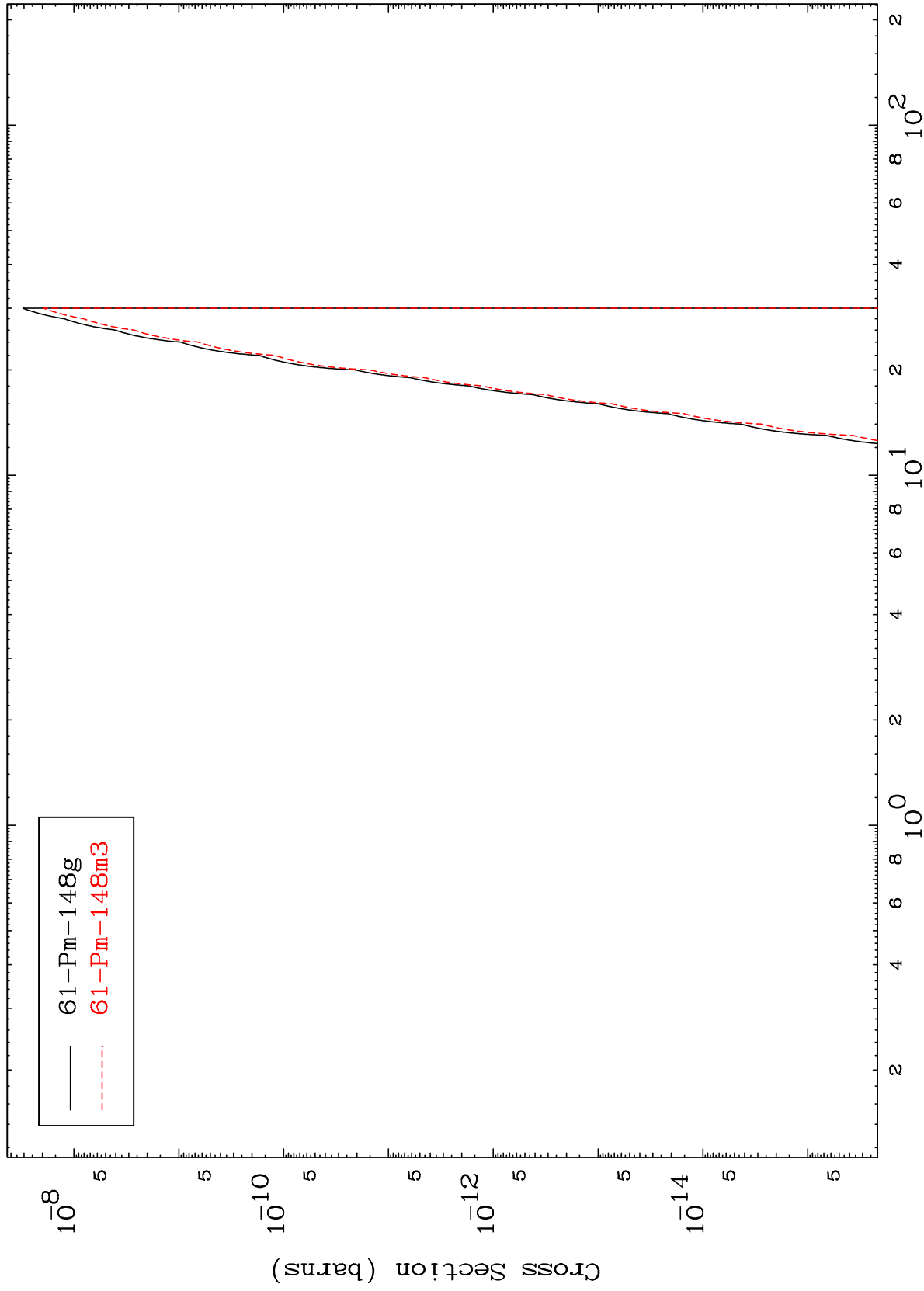
64-Gd-154

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(n,n') 2 α

64-Gd-154

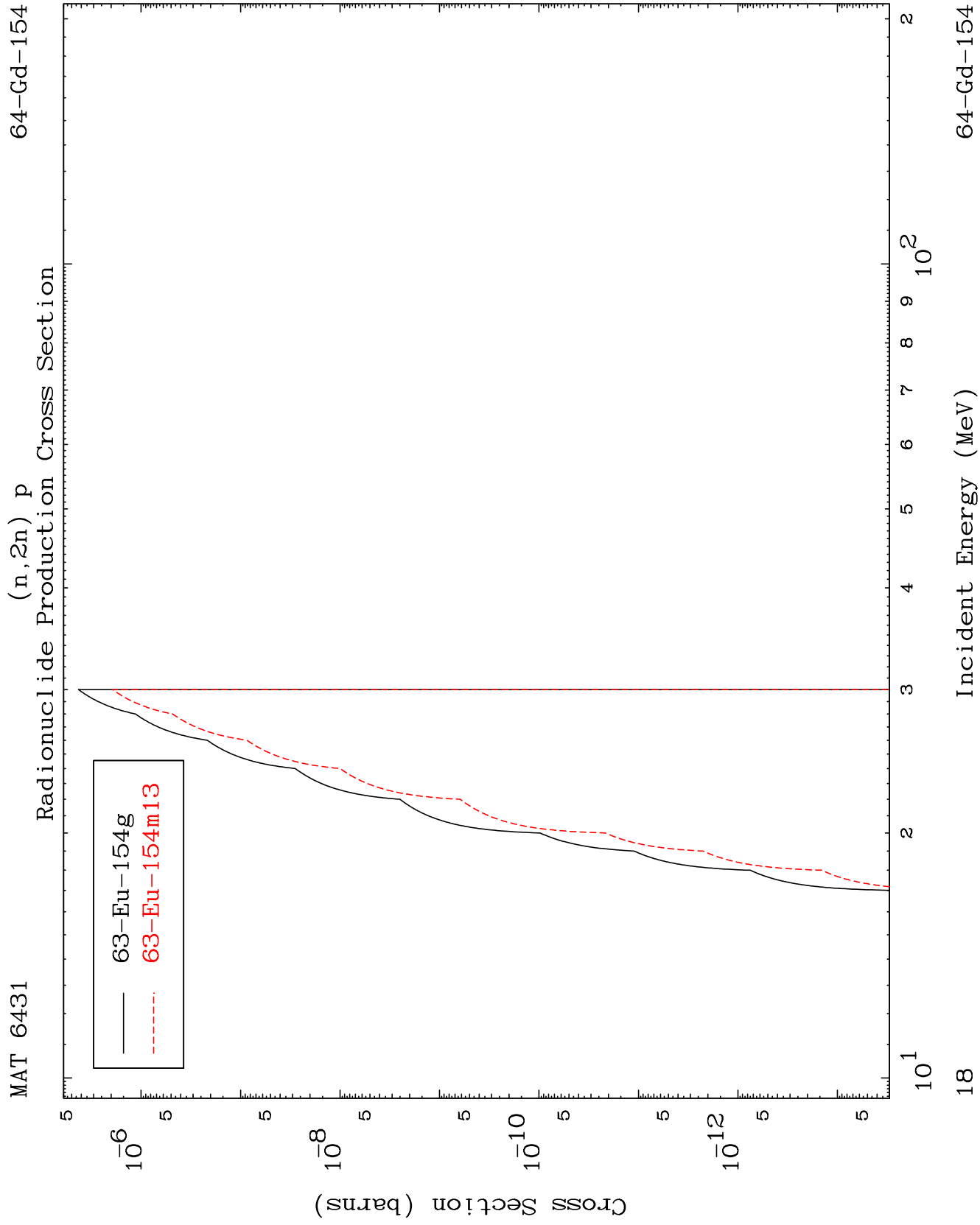
Radionuclide Production Cross Section



17

Incident Energy (MeV)

64-Gd-154

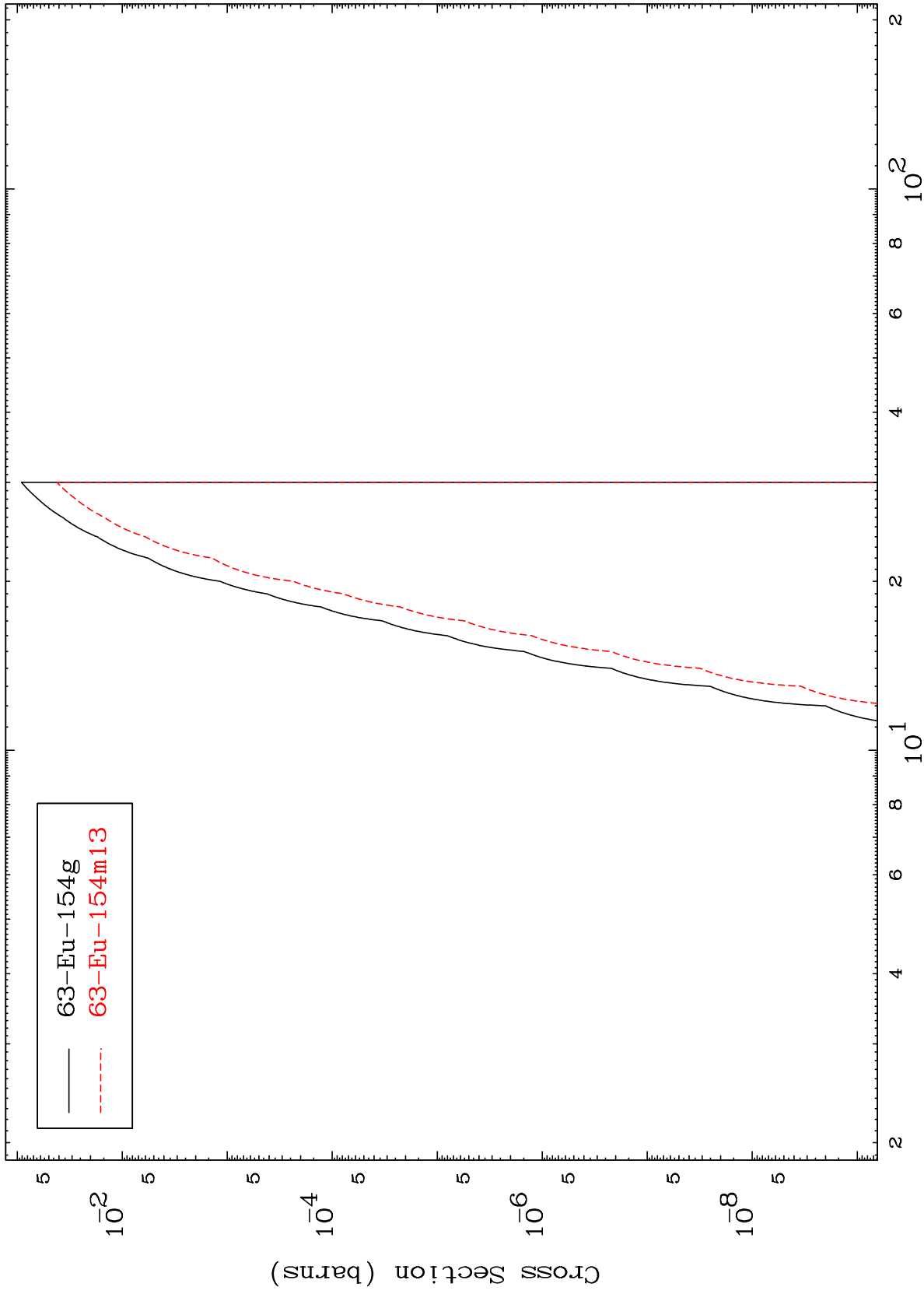


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(n,He-3)

64-Gd-154

Radionuclide Production Cross Section



19

Incident Energy (MeV)

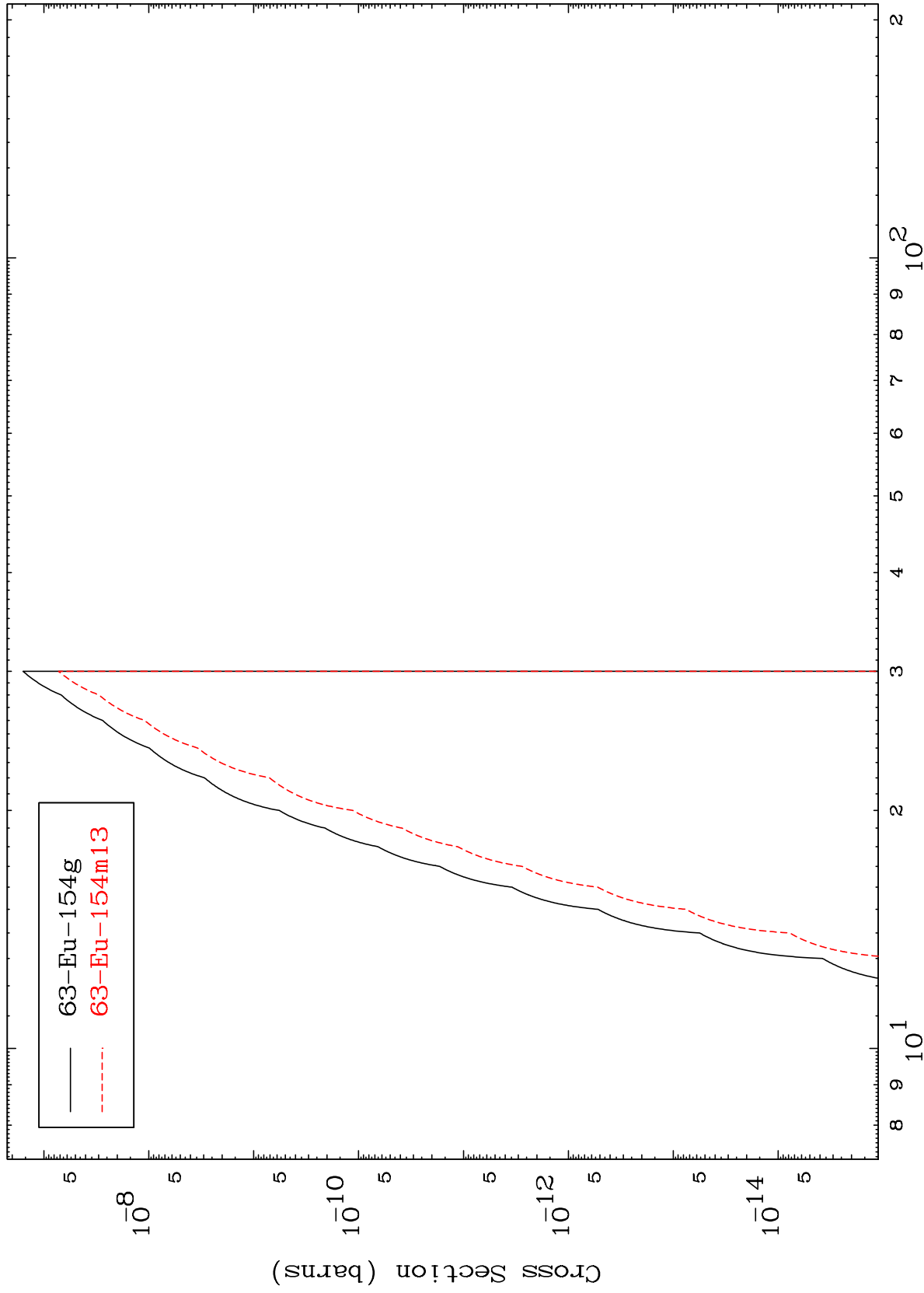
64-Gd-154

MAT 6431

(n,p) d

64-Gd-154

Radionuclide Production Cross Section



20

Incident Energy (MeV)

64-Gd-154