

Program EVALPLOT
(Version 2021-1)

by

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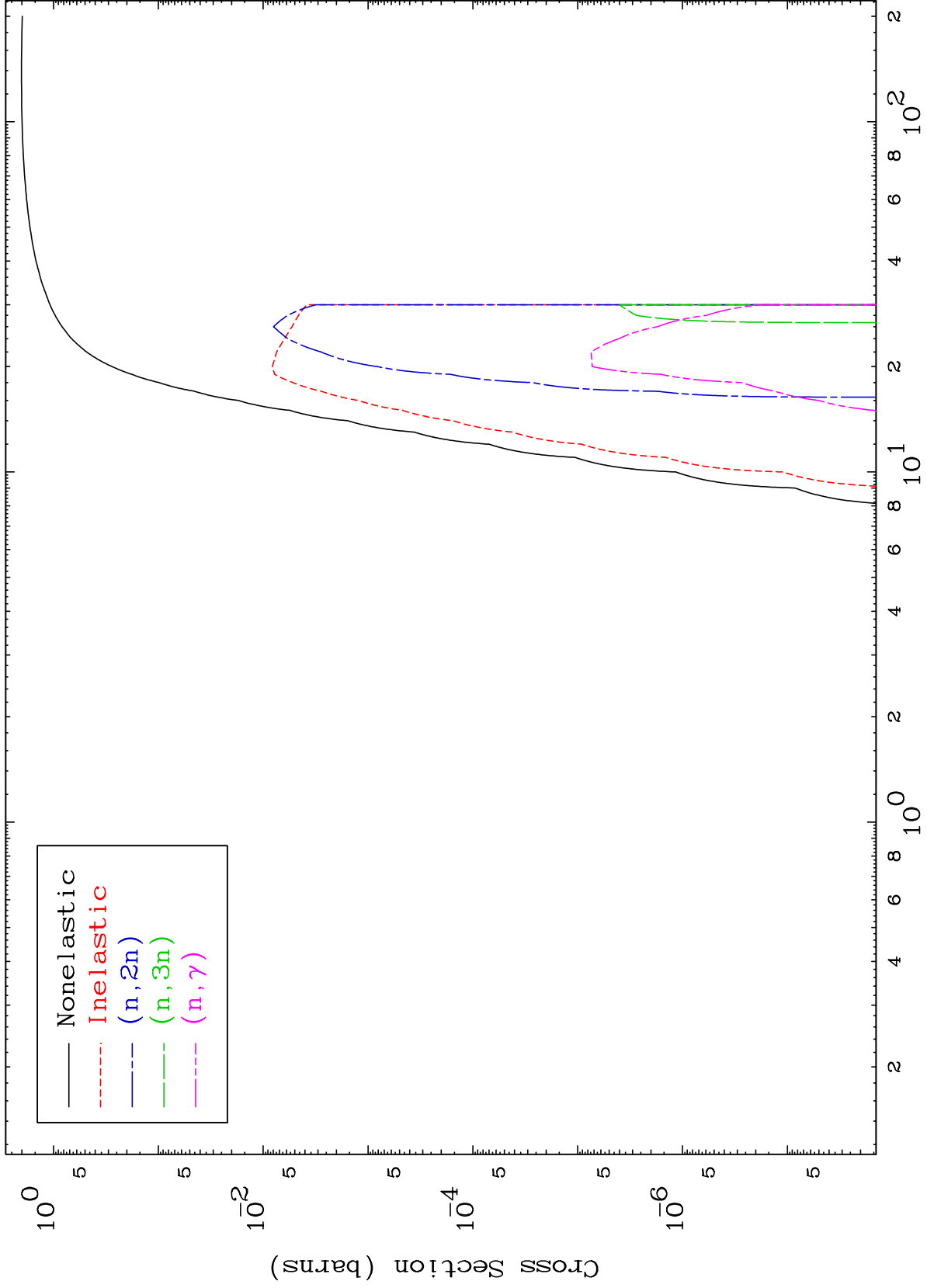
Press Mouse Button to Start

MAT 6395

He-3 Major

64-Gd-142

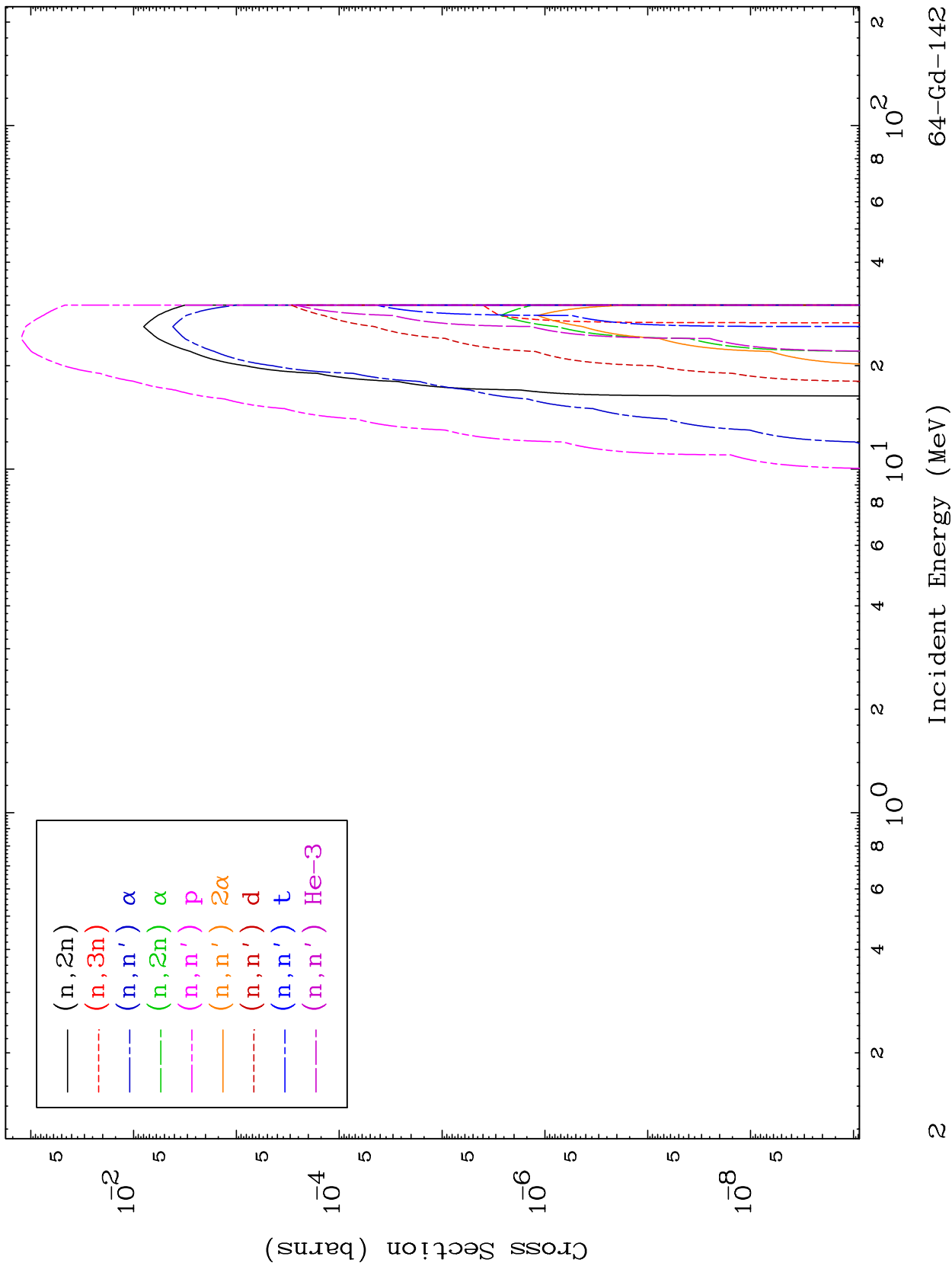
0 Kelvin Cross Sections



MAT 6395

He-3 Neutron Absorption
0 Kelvin Cross Sections

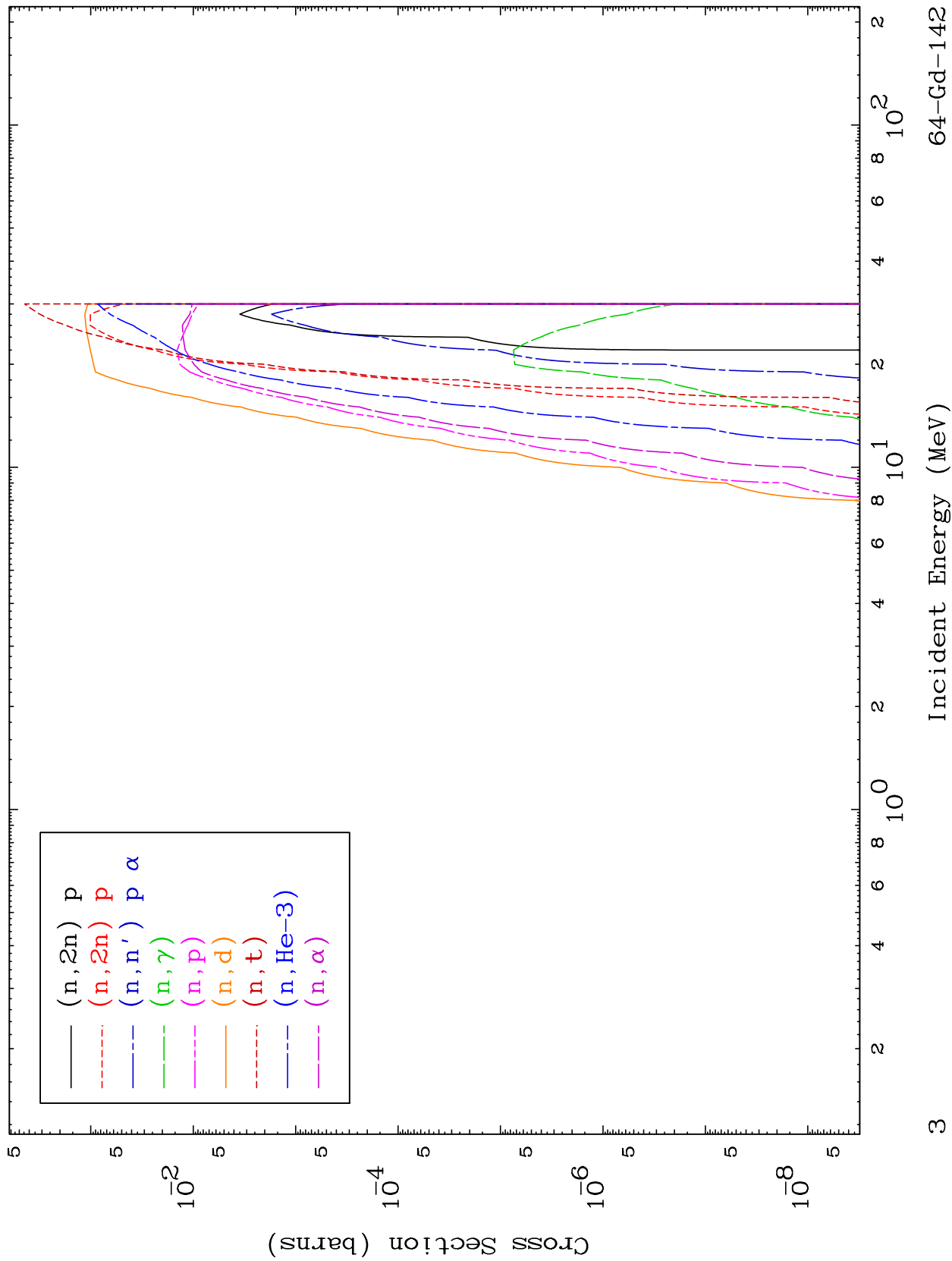
64-Gd-142



MAT 6395

He-3 Neutron Absorption
0 Kelvin Cross Sections

64-Gd-142



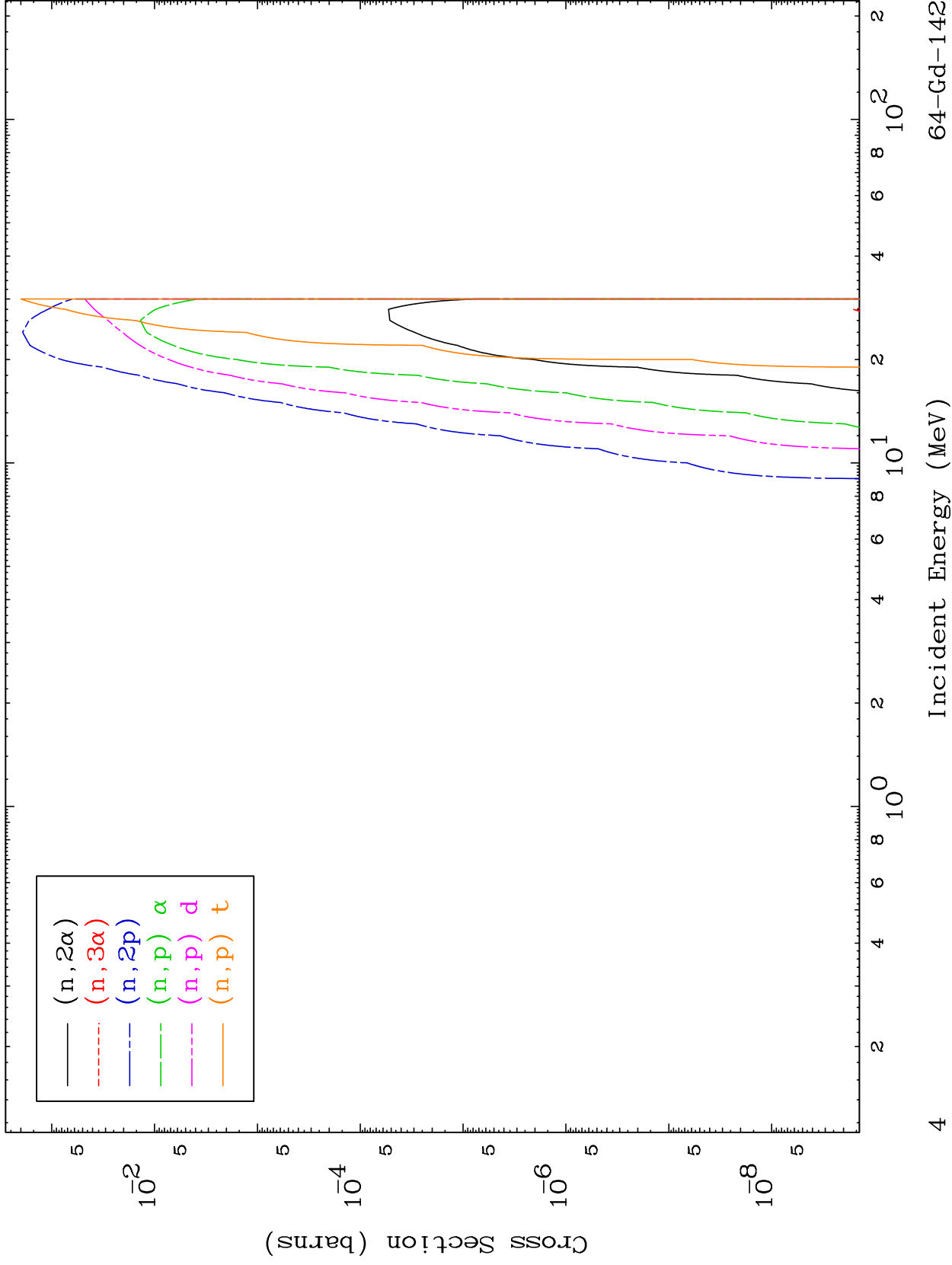
64-Gd-142

Incident Energy (MeV)

MAT 6395

He-3 Neutron Absorption
0 Kelvin Cross Sections

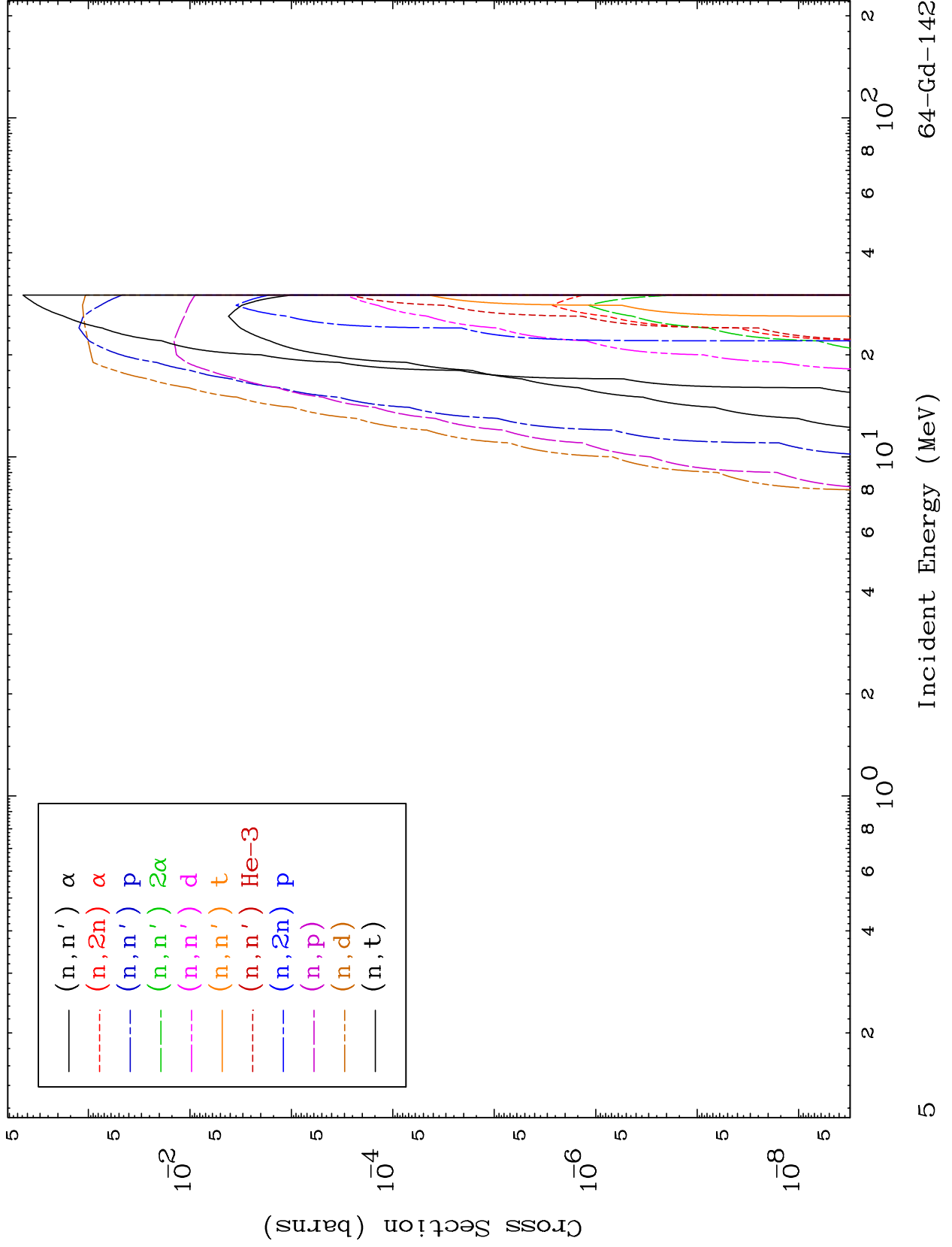
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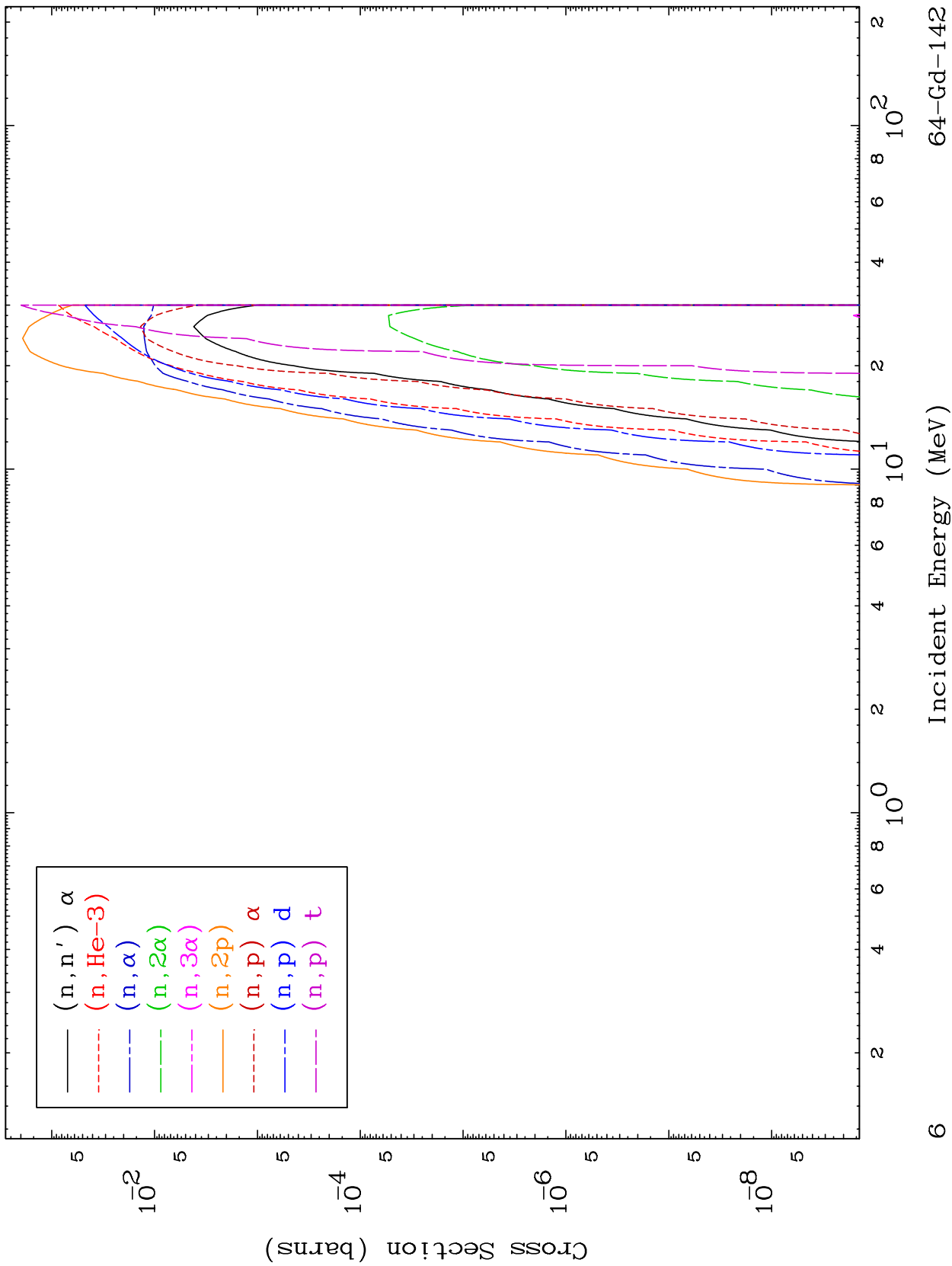


MAT 6395

He-3 Charged Particle
0 Kelvin Cross Sections

64-Gd-142

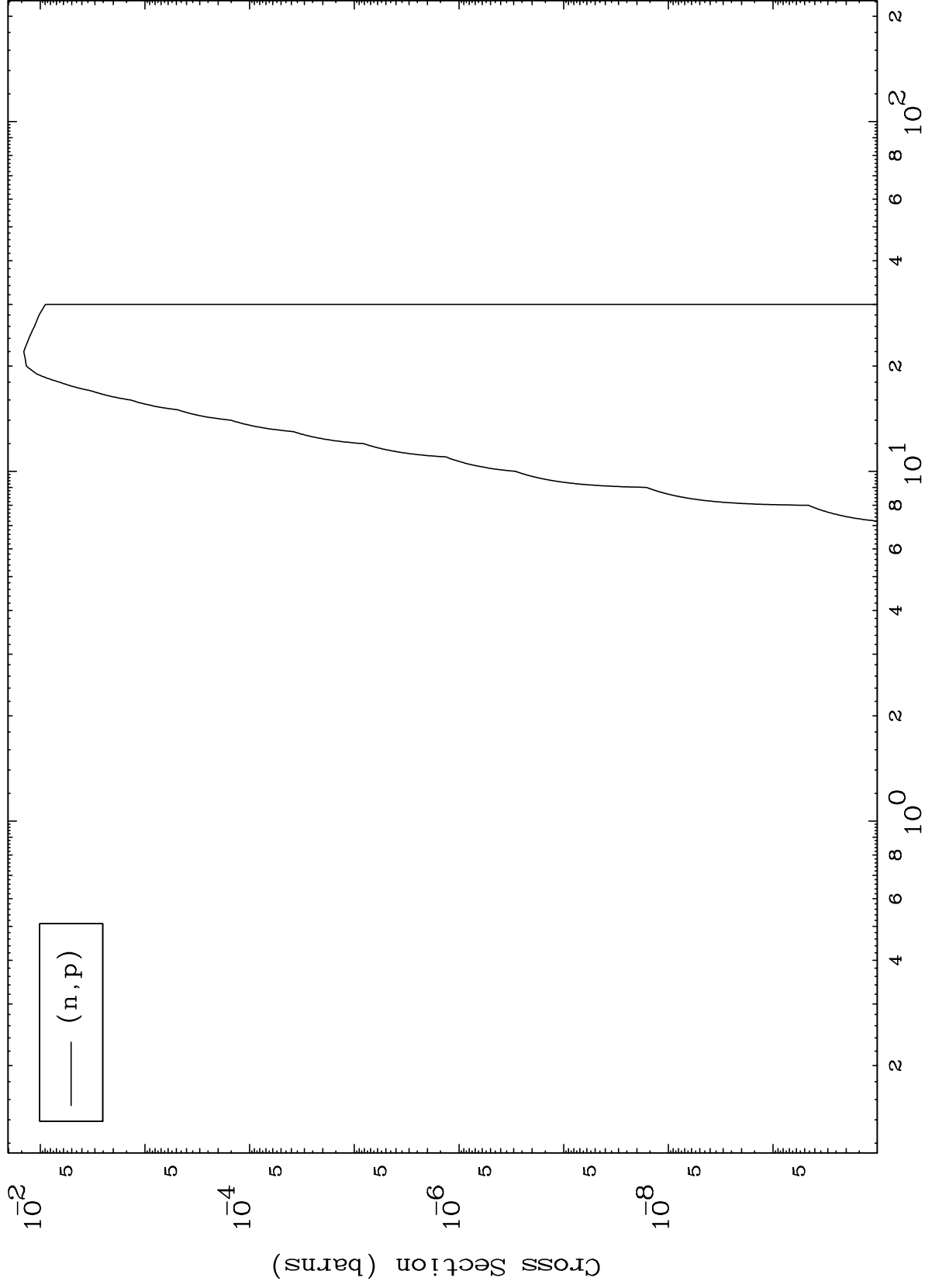




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(He-3,p) Levels
0 Kelvin Cross Sections

64-Gd-142

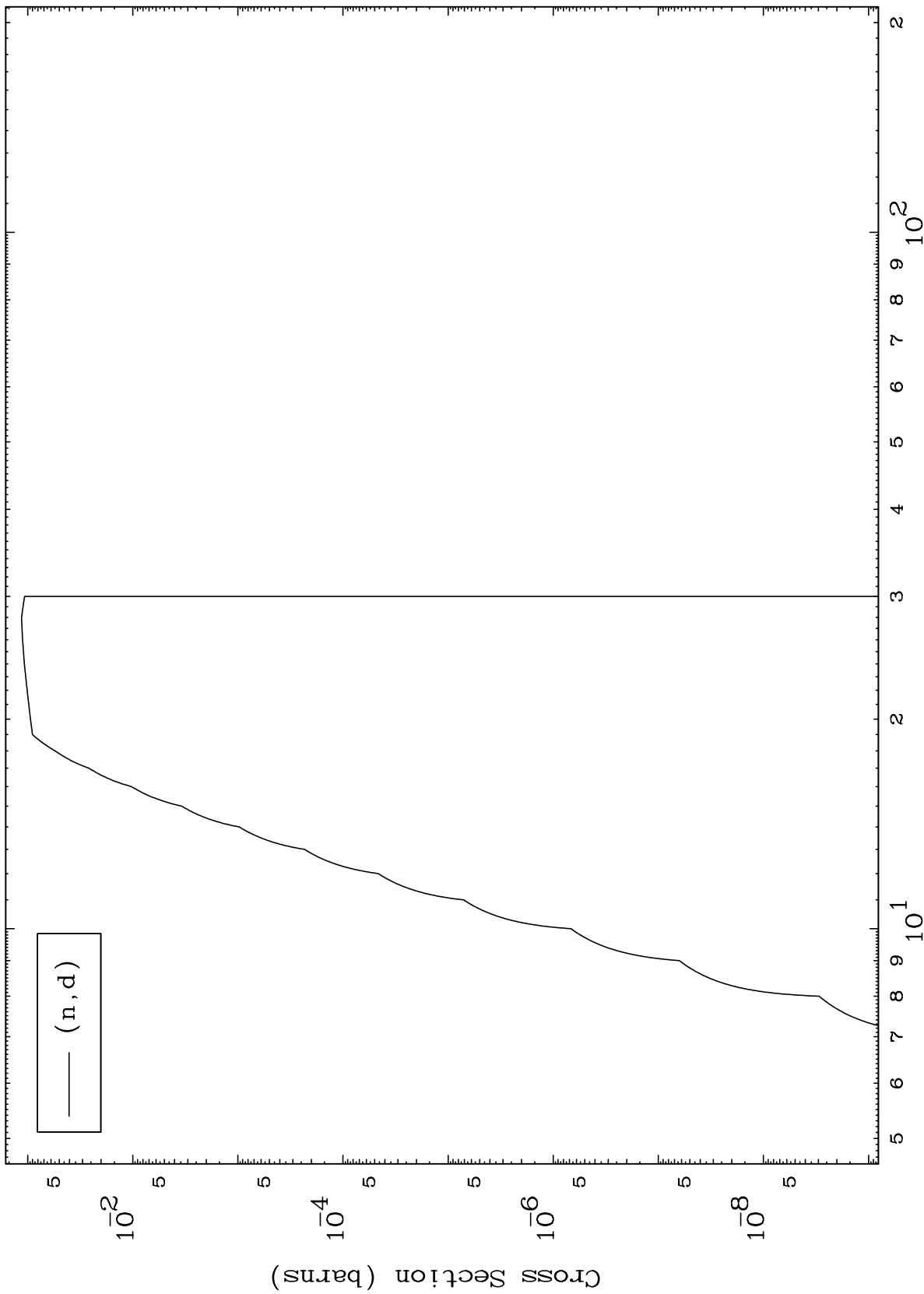


MAT 6395

(He-3,d) Levels

64-Gd-142

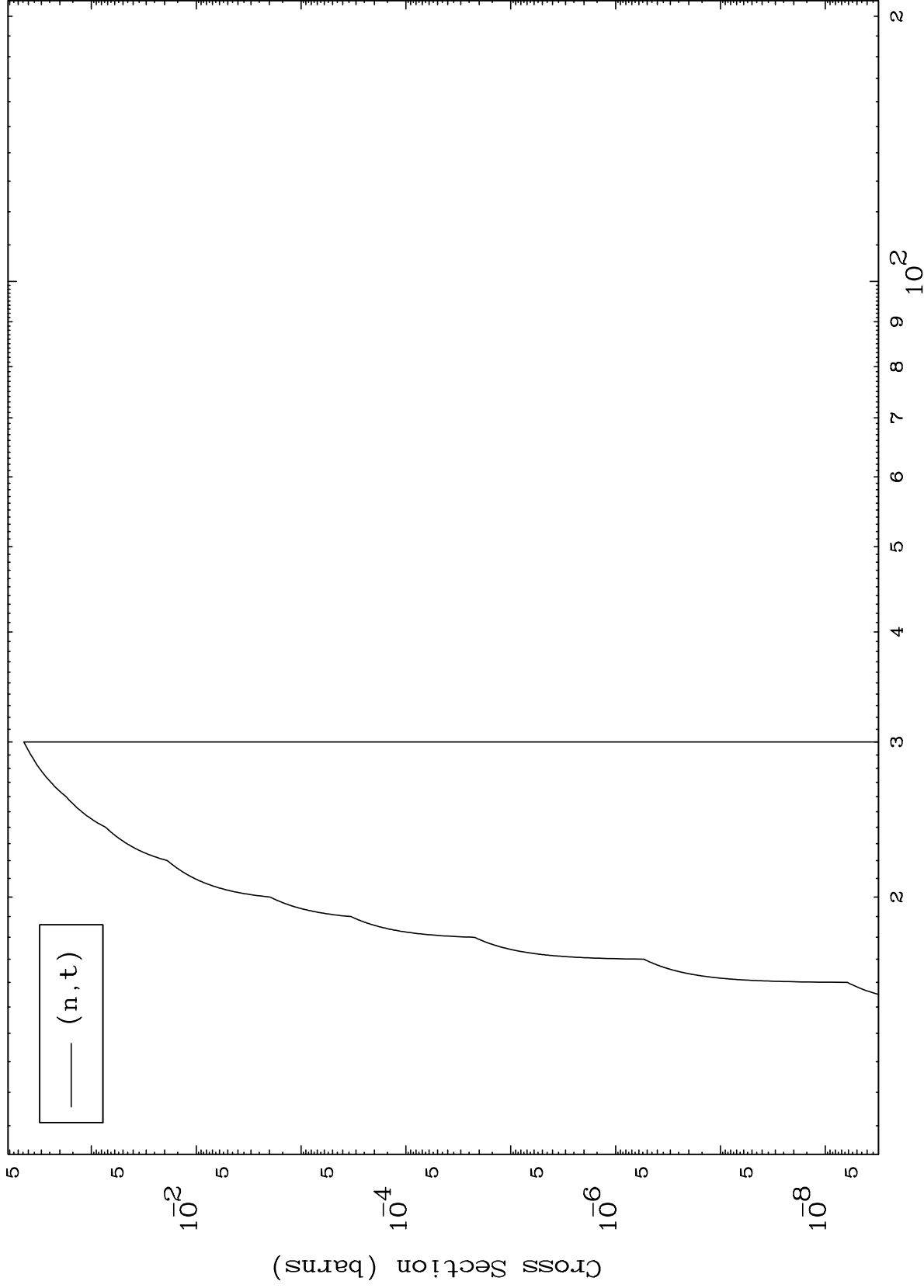
0 Kelvin Cross Sections



8

Incident Energy (MeV)

64-Gd-142

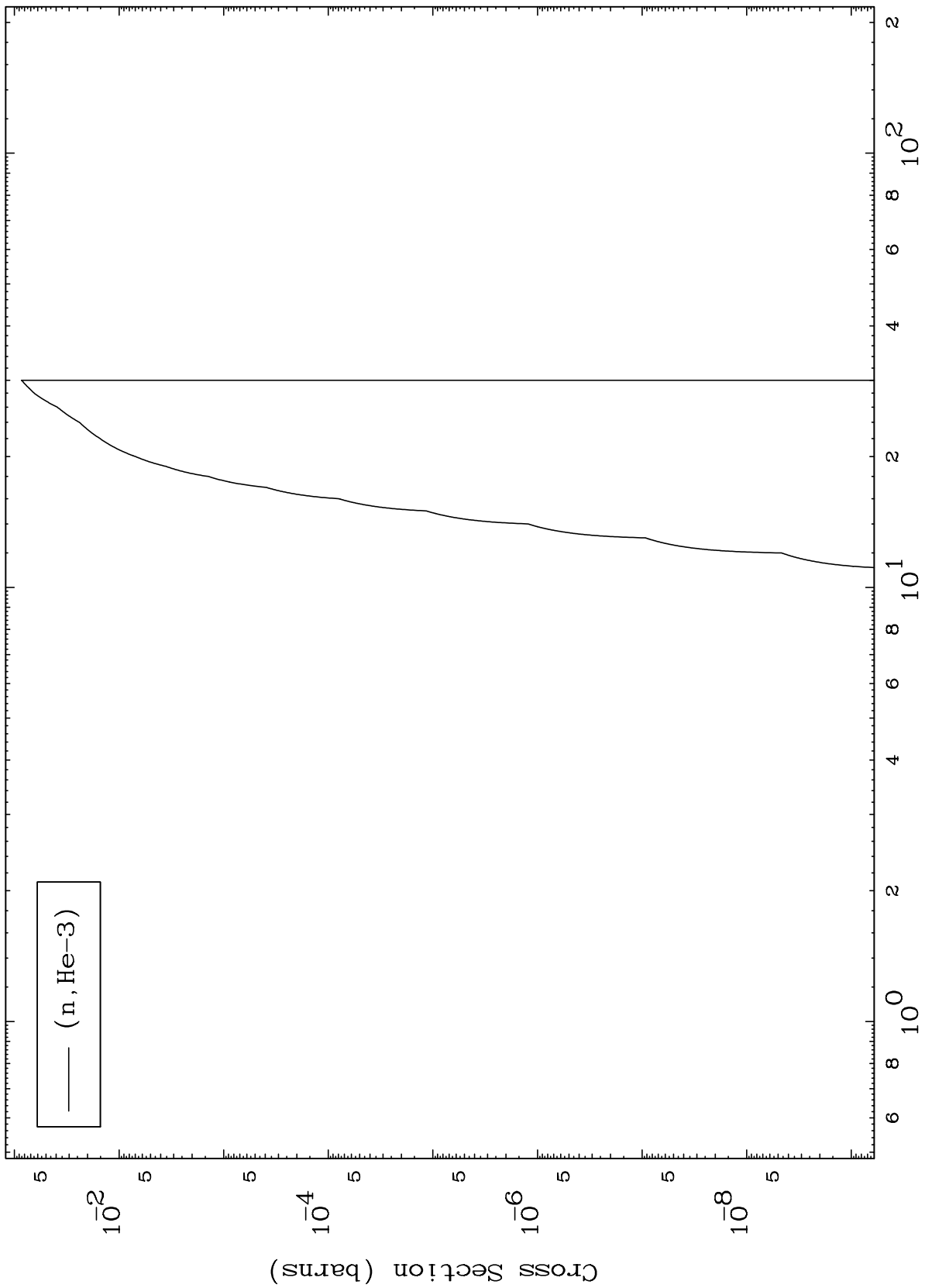


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(He-3, He3) Levels

64-Gd-142

0 Kelvin Cross Sections



(n, He-3)

10

Incident Energy (MeV)

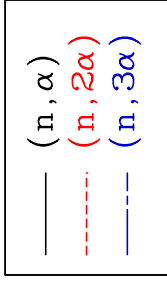
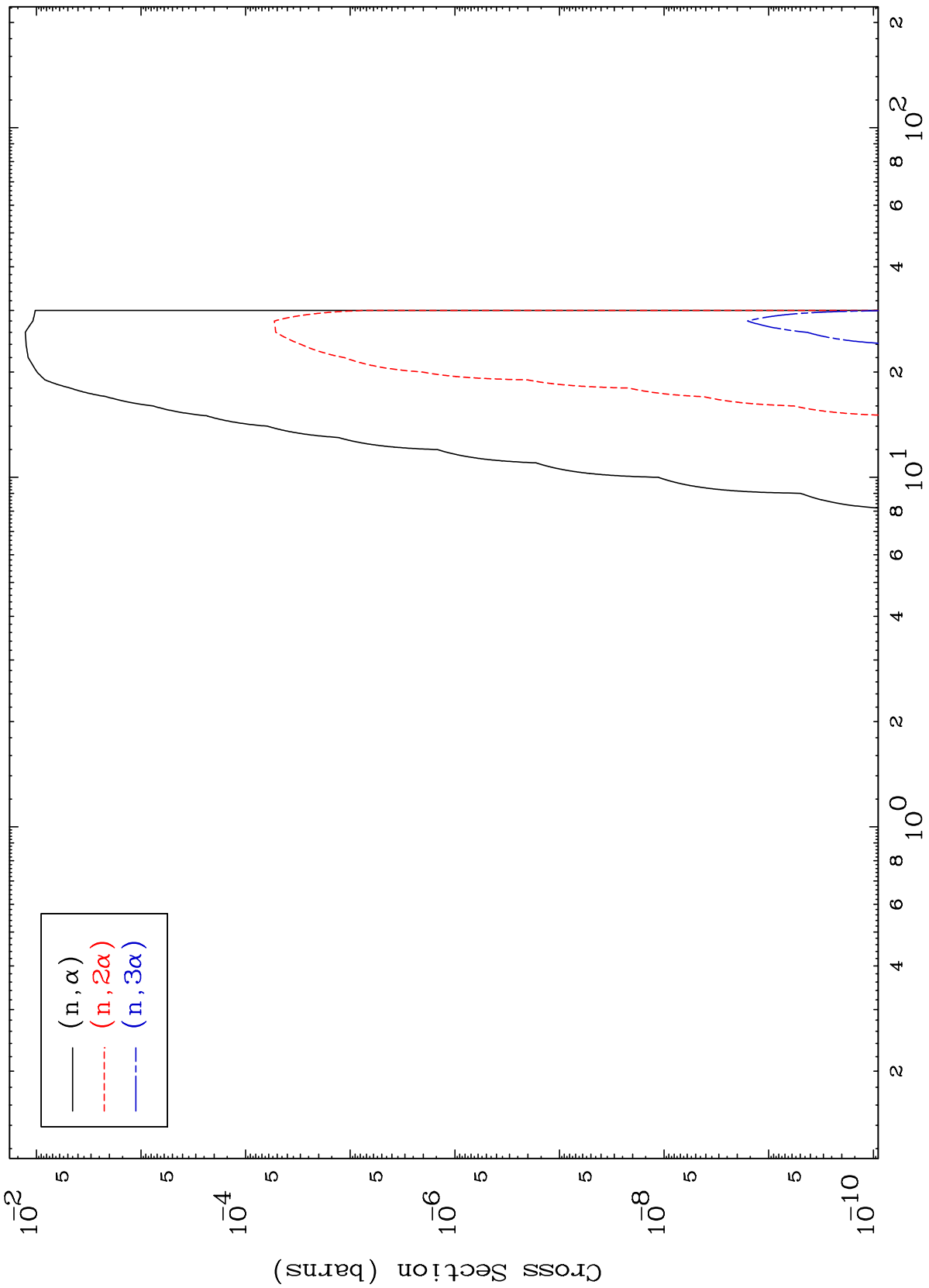
64-Gd-142

MAT 6395

(He-3, α) Levels

64-Gd-142

0 Kelvin Cross Sections

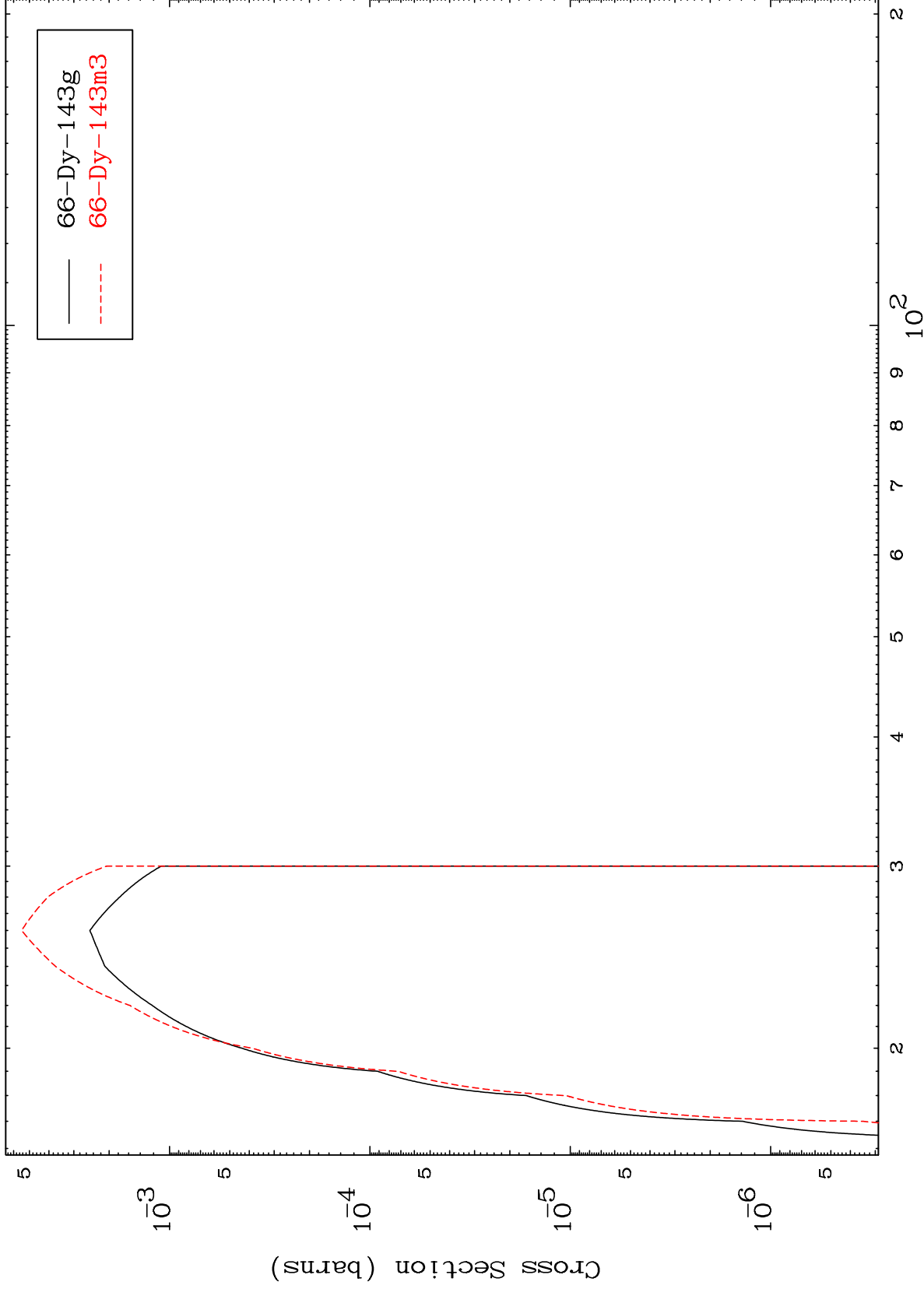


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(n,2n)

64-Gd-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

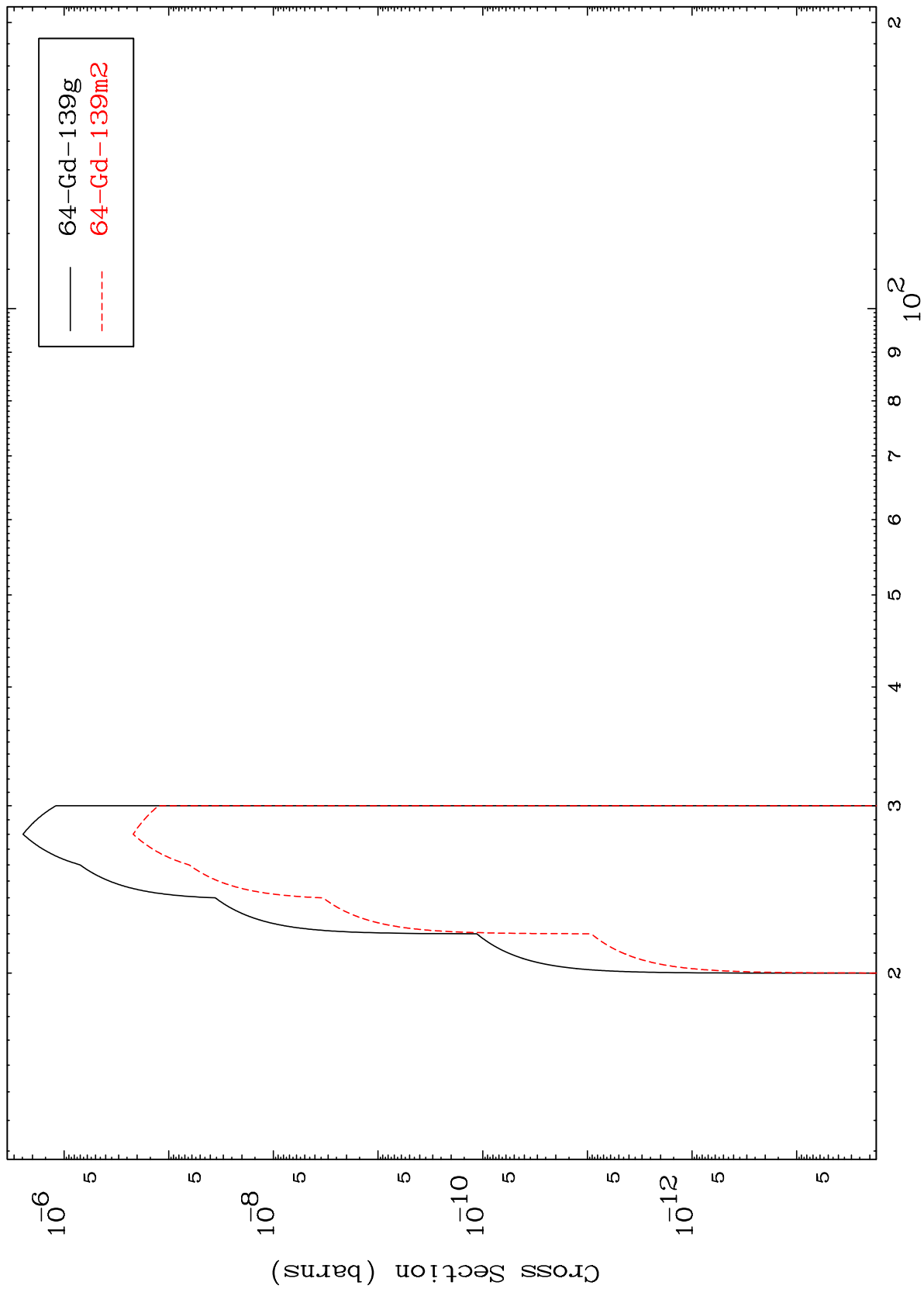
64-Gd-142

MAT 6395

64-Gd-142

(n,2n) α

Radionuclide Production Cross Section



13

Incident Energy (MeV)

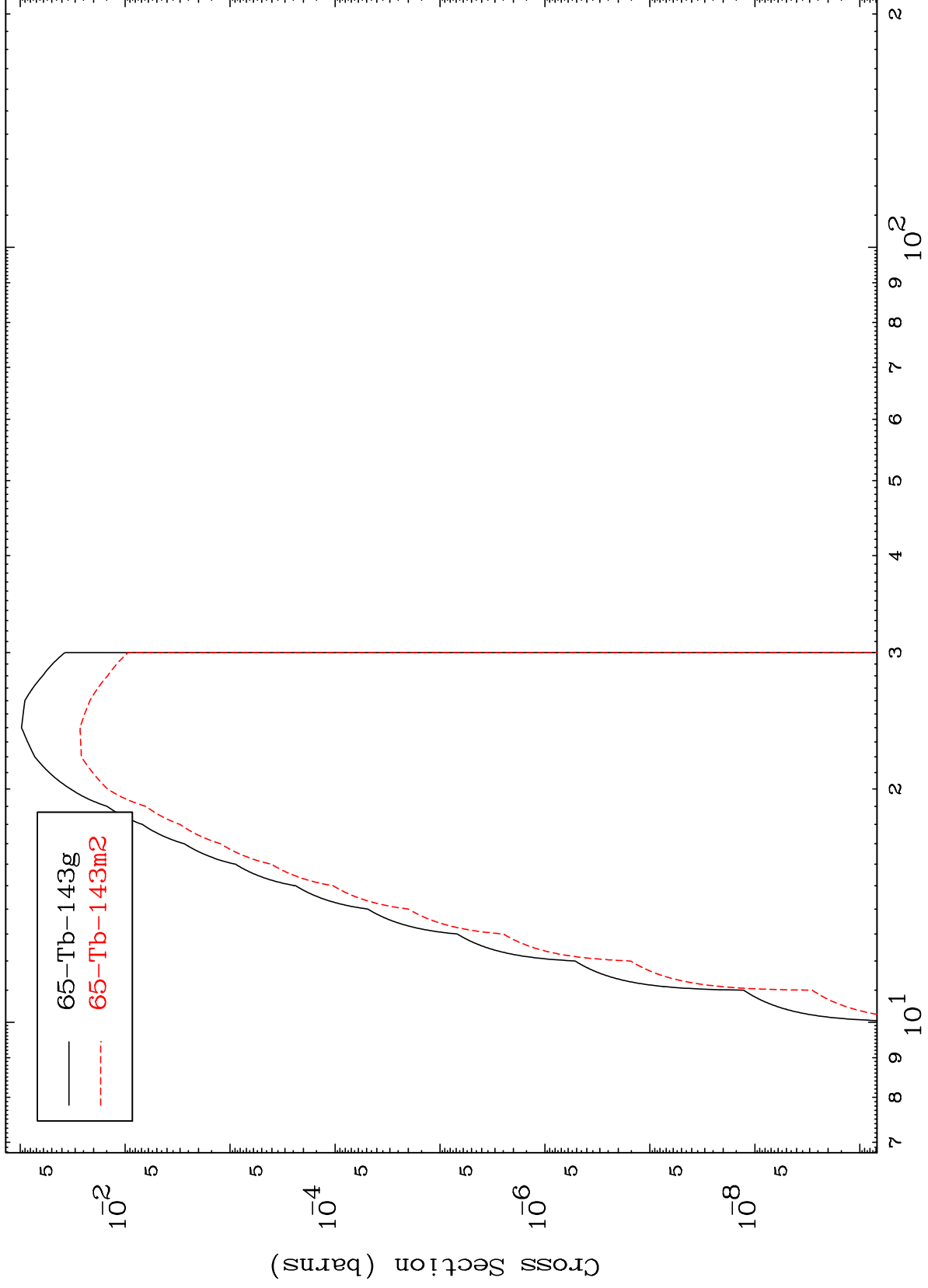
64-Gd-142

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(n,n') p

64-Gd-142

Radionuclide Production Cross Section

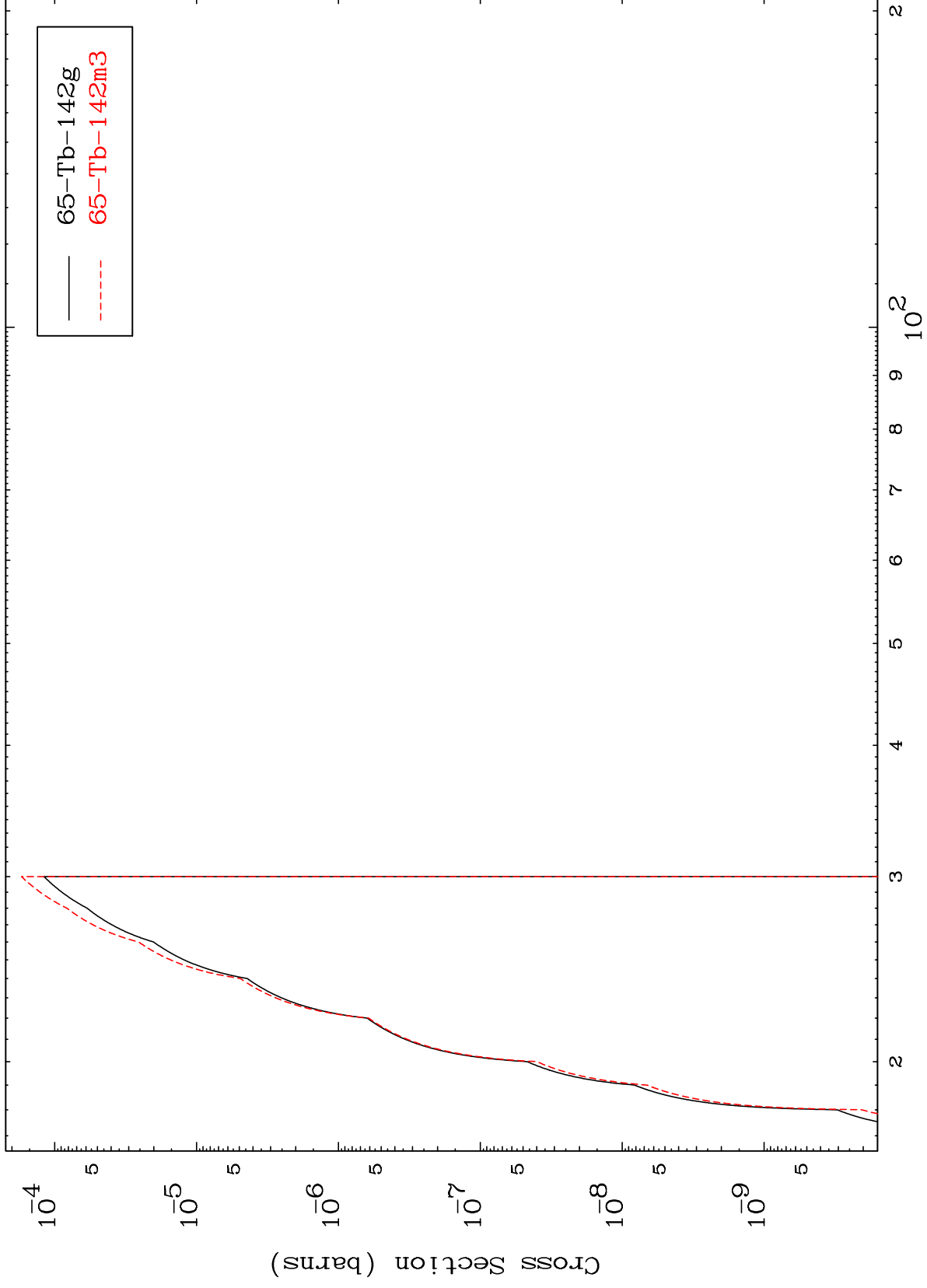


14

Incident Energy (MeV)

64-Gd-142

Radionuclide Production Cross Section

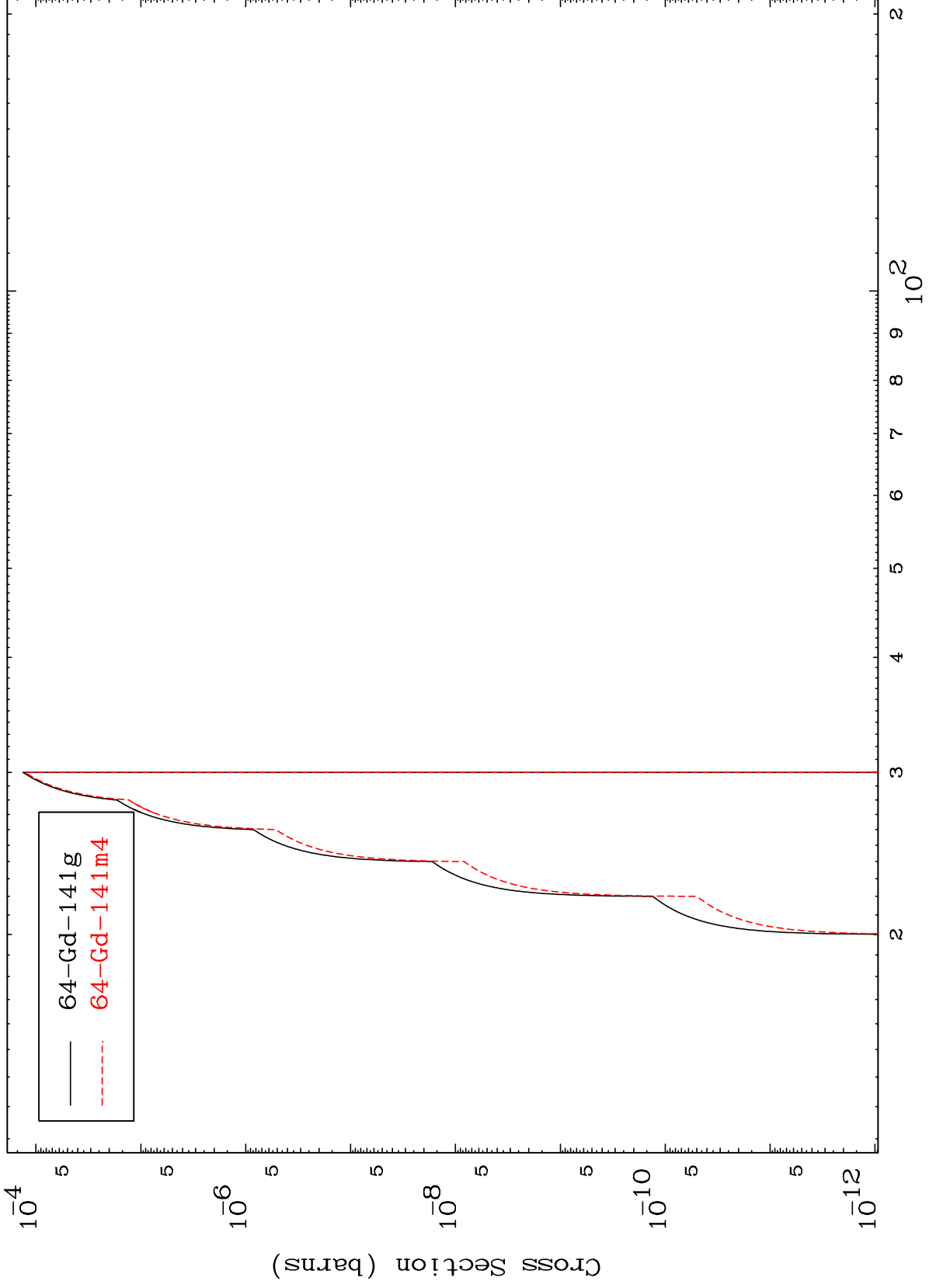


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(n,n') He-3

64-Gd-142

Radionuclide Production Cross Section



16

Incident Energy (MeV)

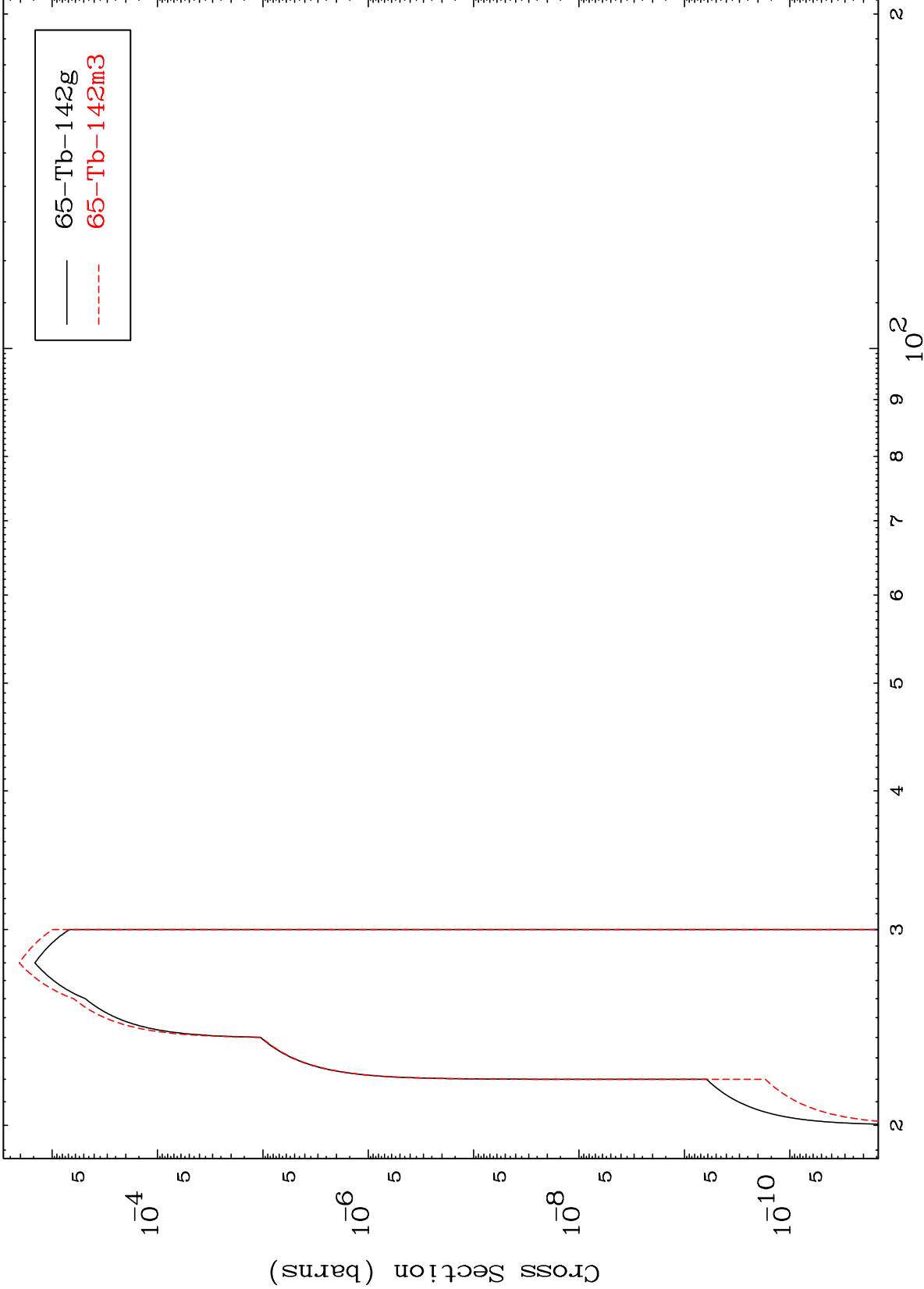
64-Gd-142

MAT 6395

(n,2n) p

64-Gd-142

Radionuclide Production Cross Section



17

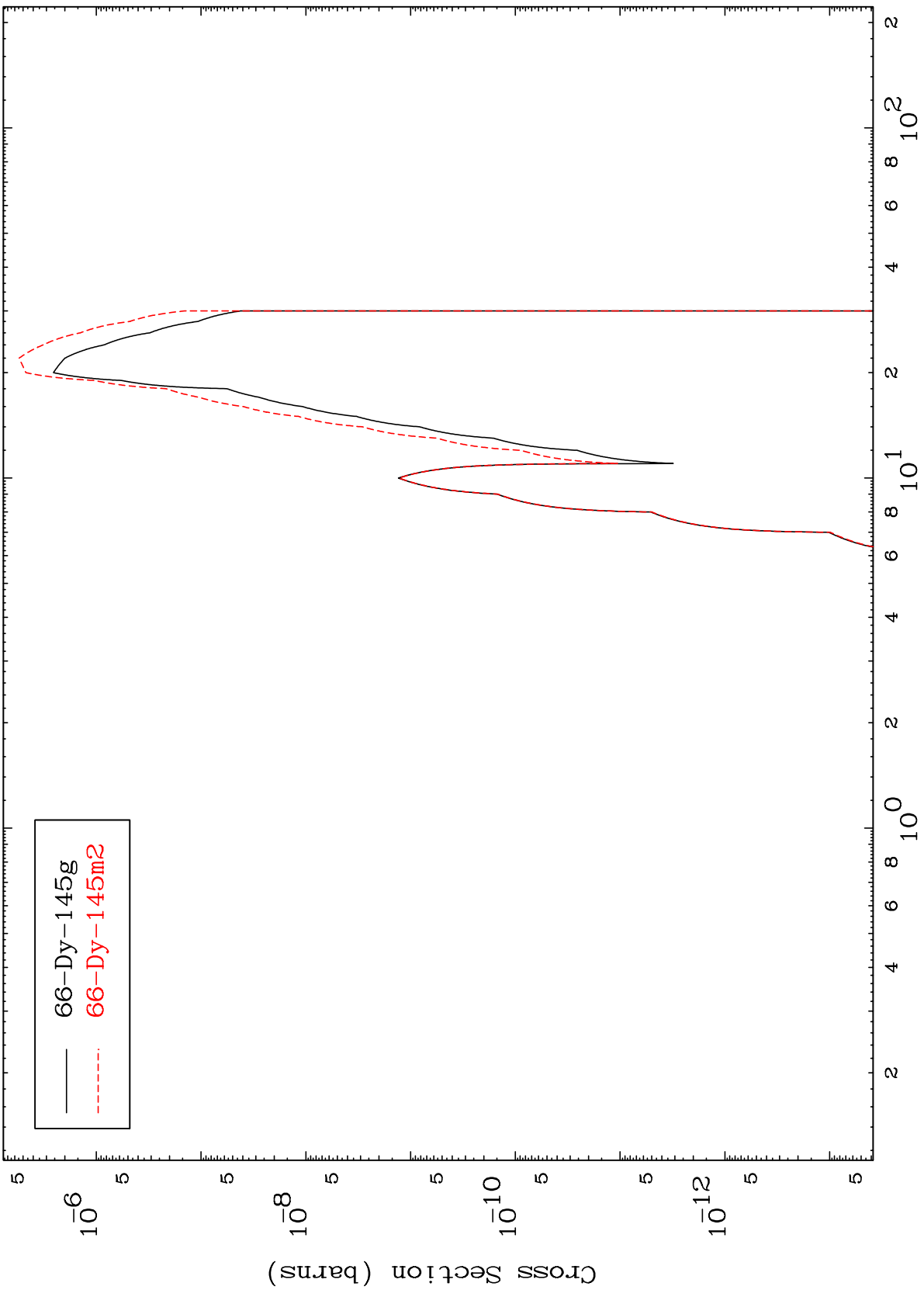
Incident Energy (MeV)

64-Gd-142

MAT 6395

64-Gd-142

(n, γ)
Radionuclide Production Cross Section



— 66-Dy-145g
- - - 66-Dy-145m2

64-Gd-142

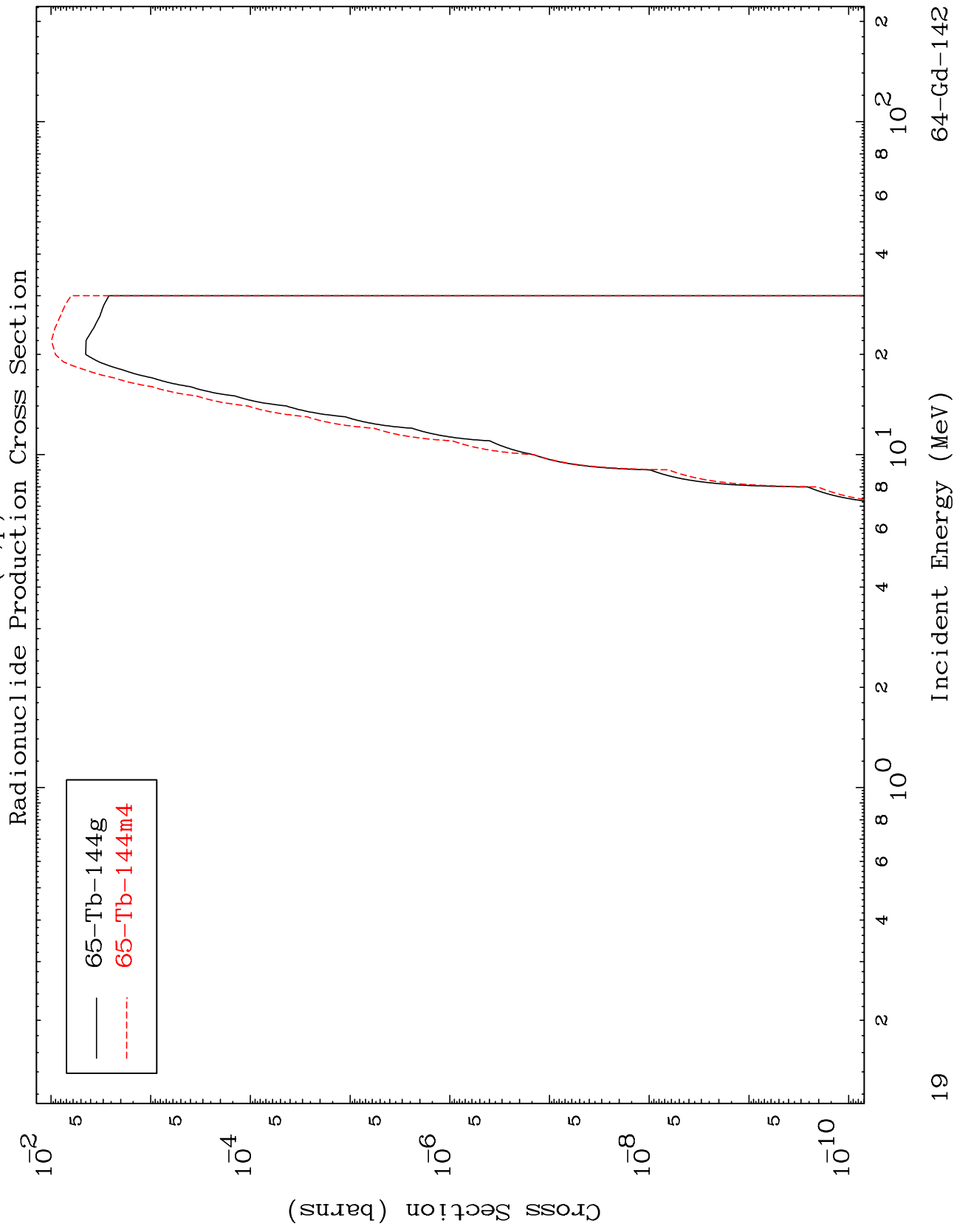
Incident Energy (MeV)

18

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(n,p)

64-Gd-142



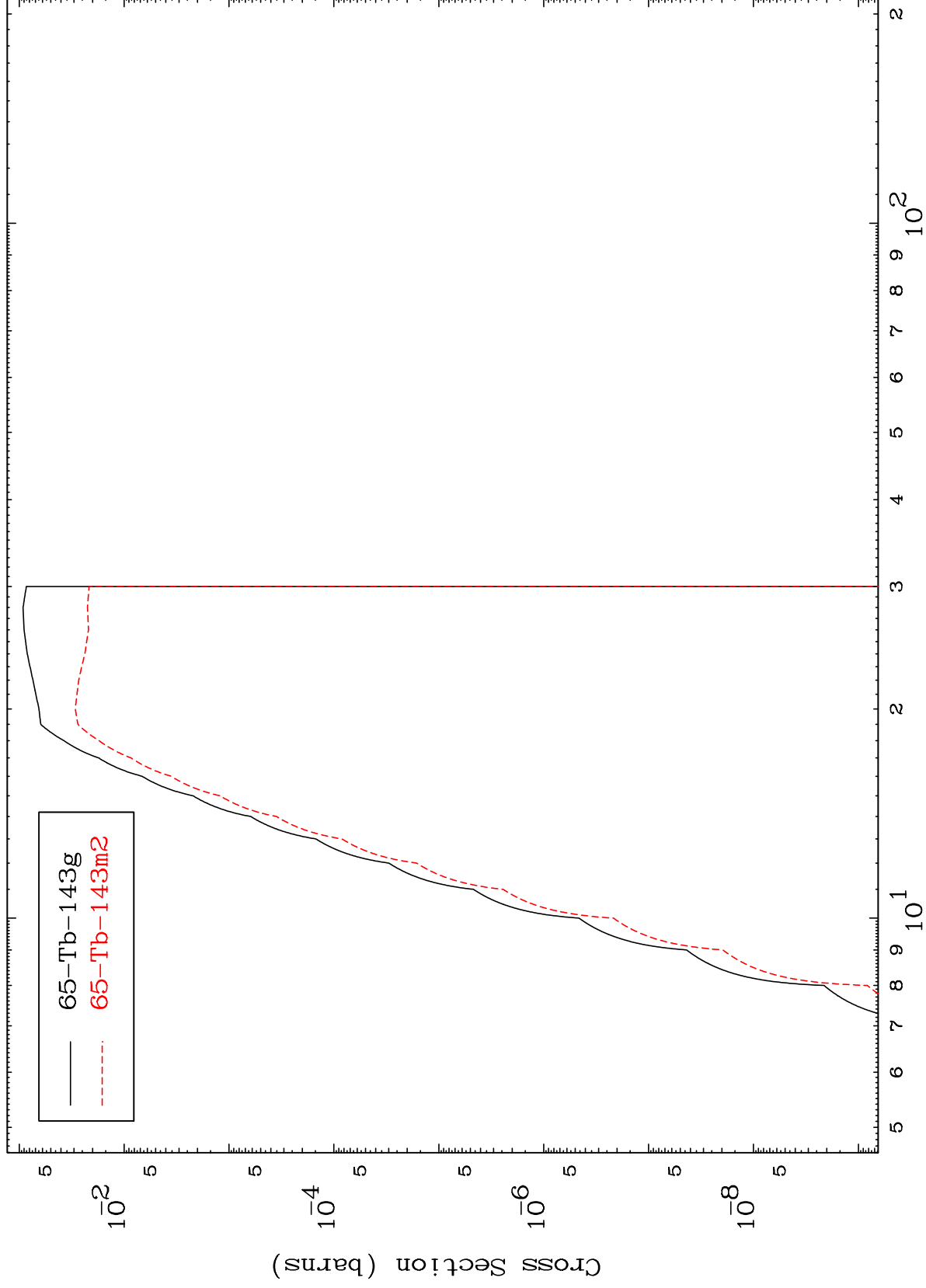
19

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(n,d)

64-Gd-142

Radionuclide Production Cross Section

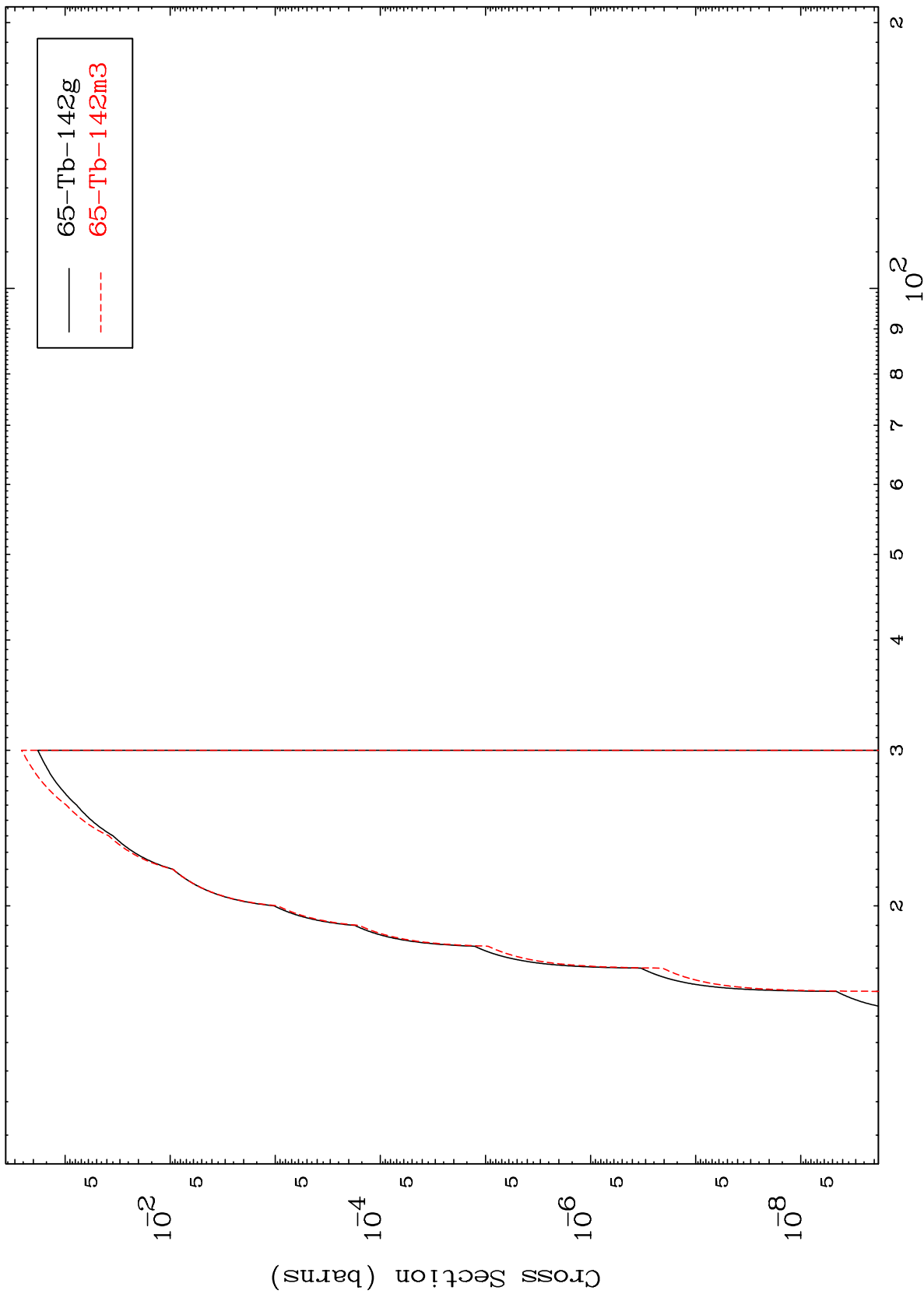


20

Incident Energy (MeV)

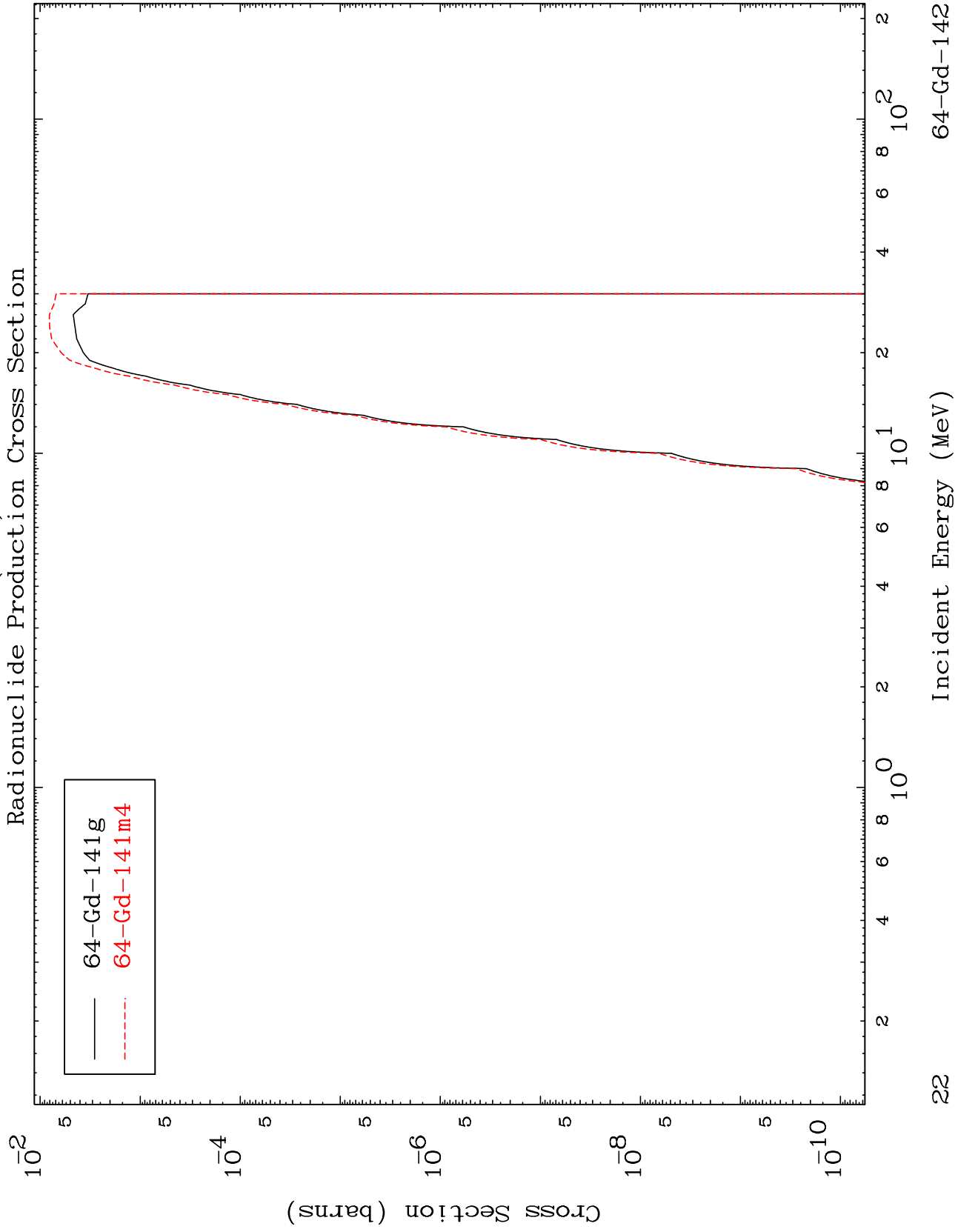
64-Gd-142

(n, t)
Radionuclide Production Cross Section



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64-Gd-142



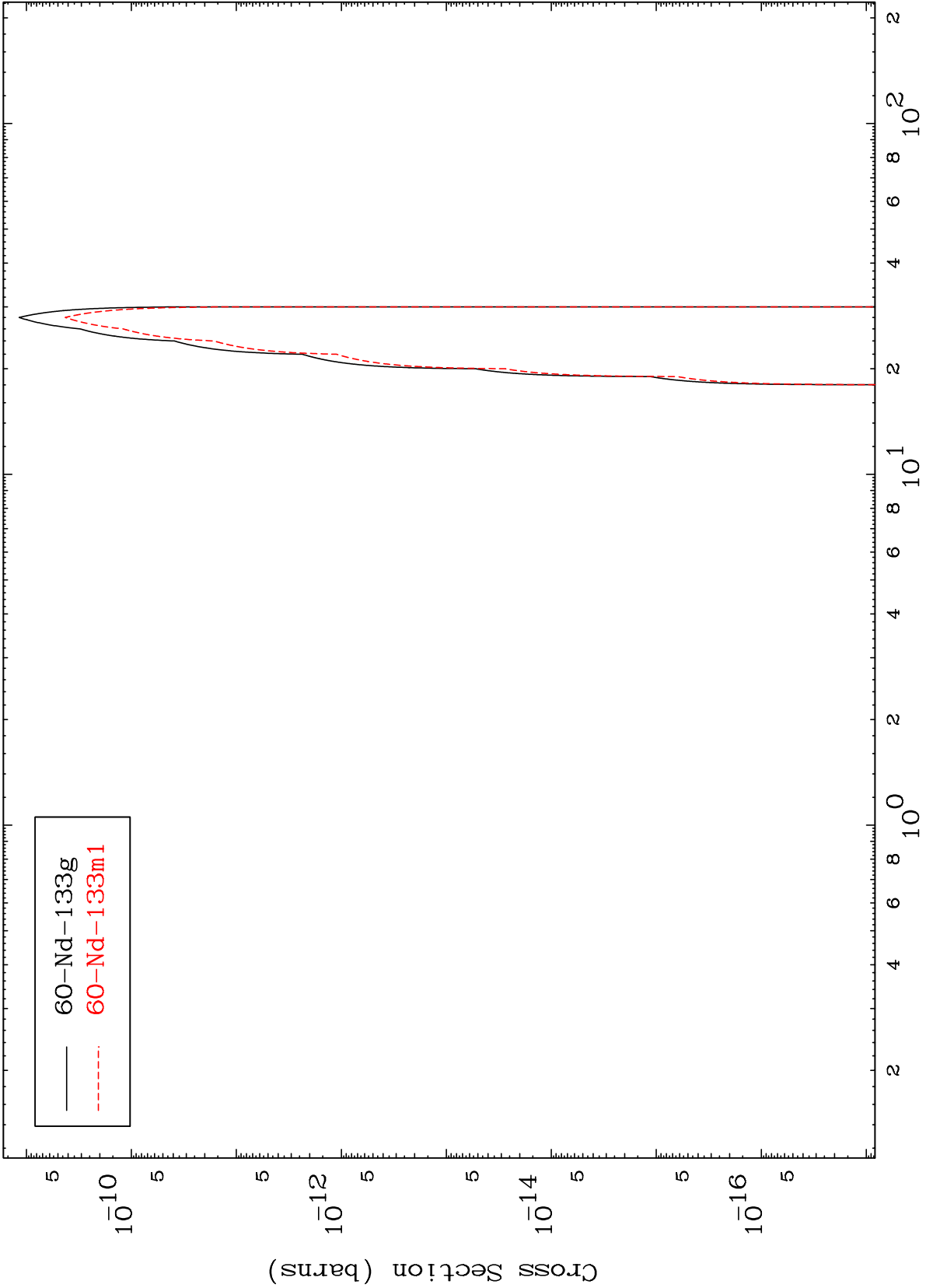
64-Gd-141g
64-Gd-141m4

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(n, 3α)

64-Gd-142

Radionuclide Production Cross Section



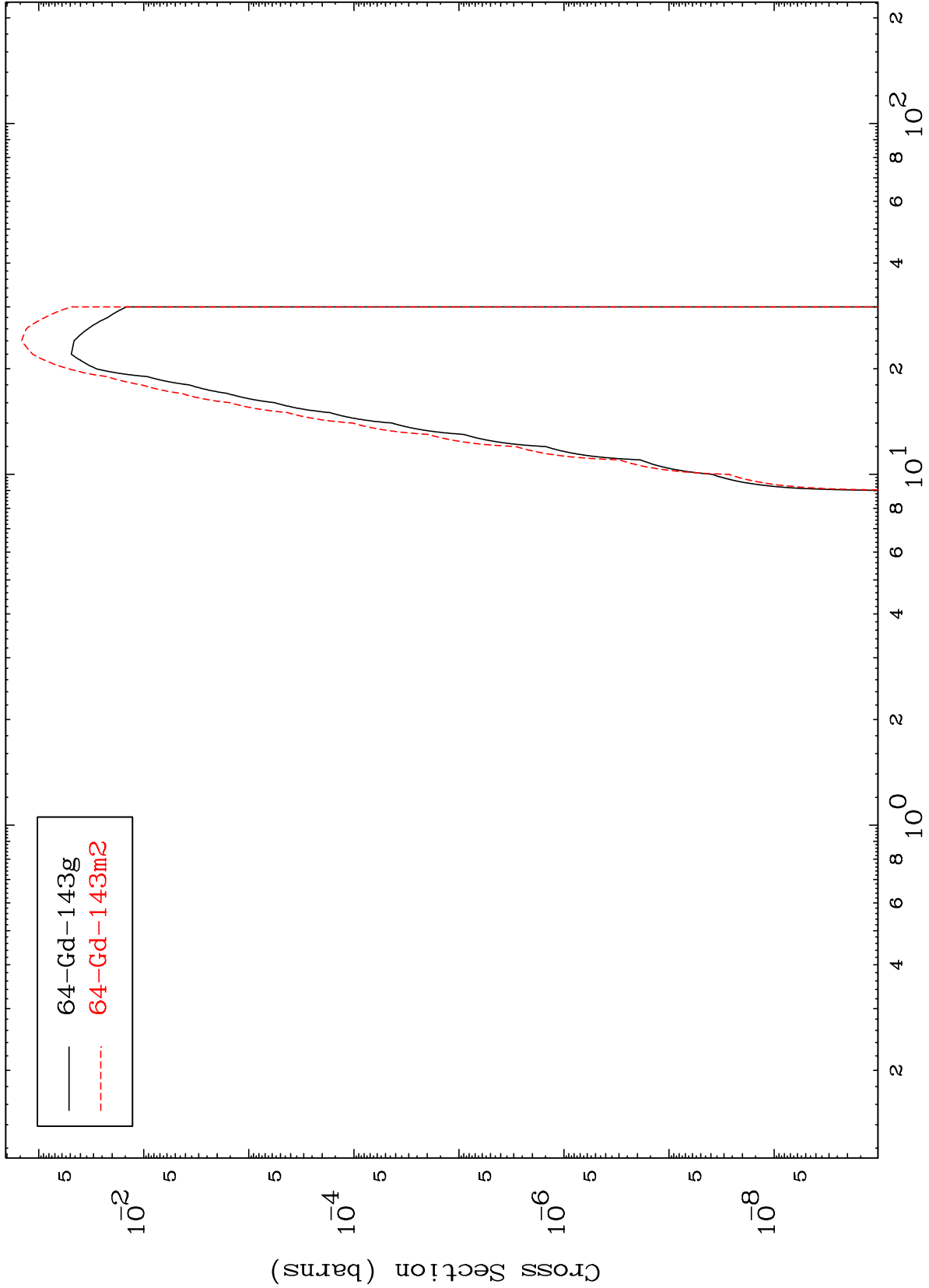
60-Nd-133g
60-Nd-133m1

MAT 6395

(n,2p)

64-Gd-142

Radionuclide Production Cross Section



24

Incident Energy (MeV)

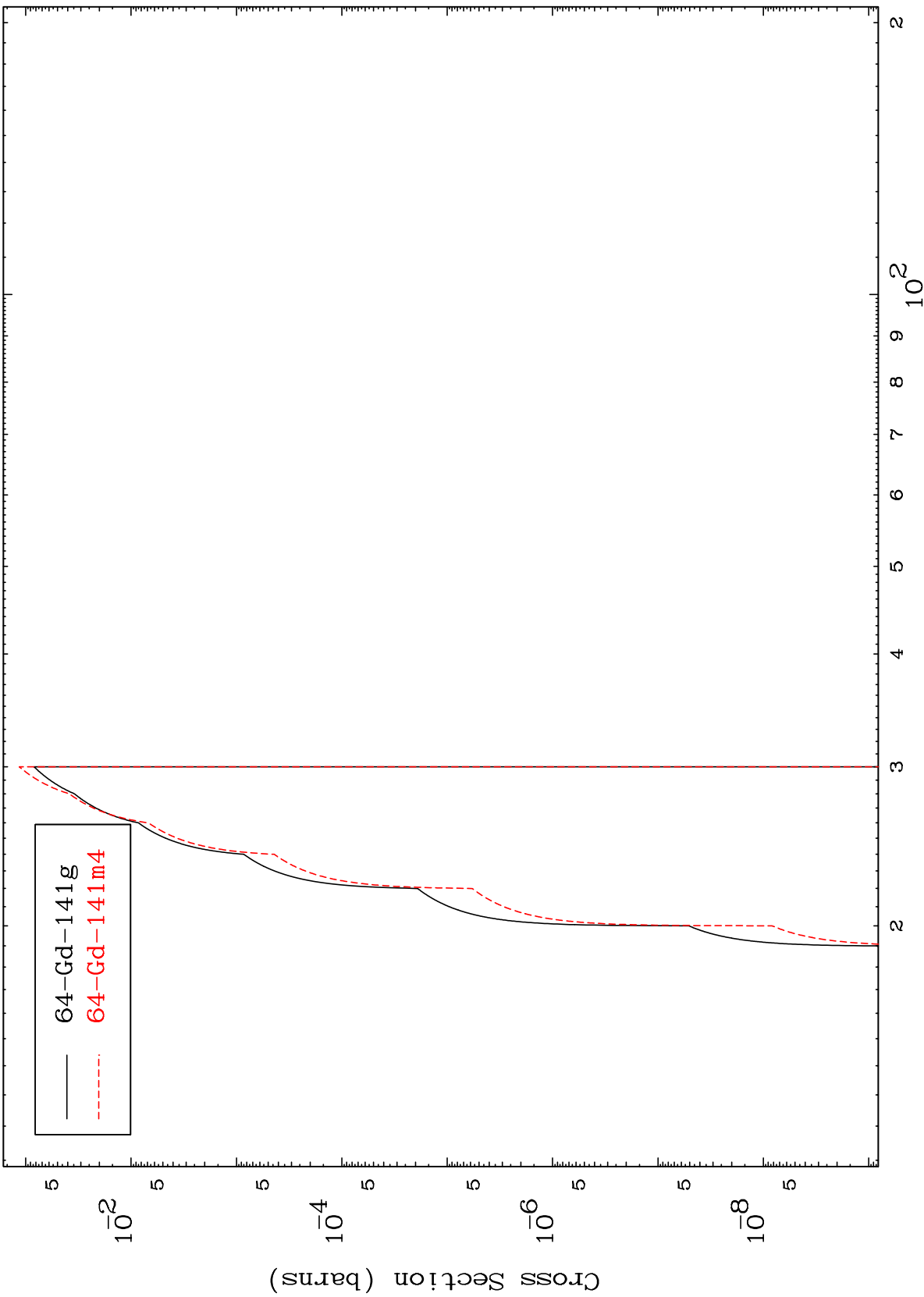
64-Gd-142

MAT 6395

(n,p) t

64-Gd-142

Radionuclide Production Cross Section



25

Incident Energy (MeV)

64-Gd-142