

Program EVALPLOT
(Version 2021-1)

by

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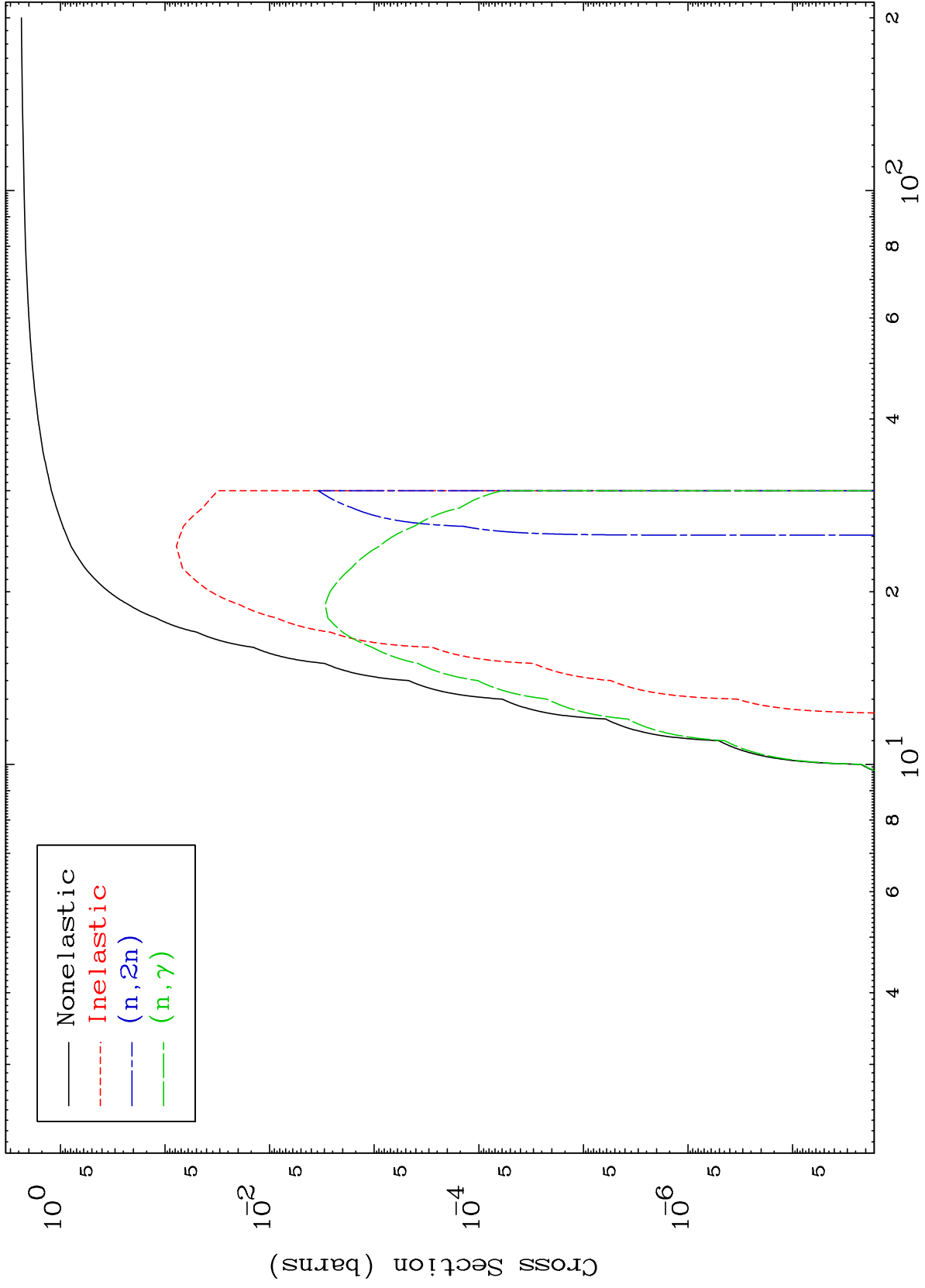
Press Mouse Button to Start

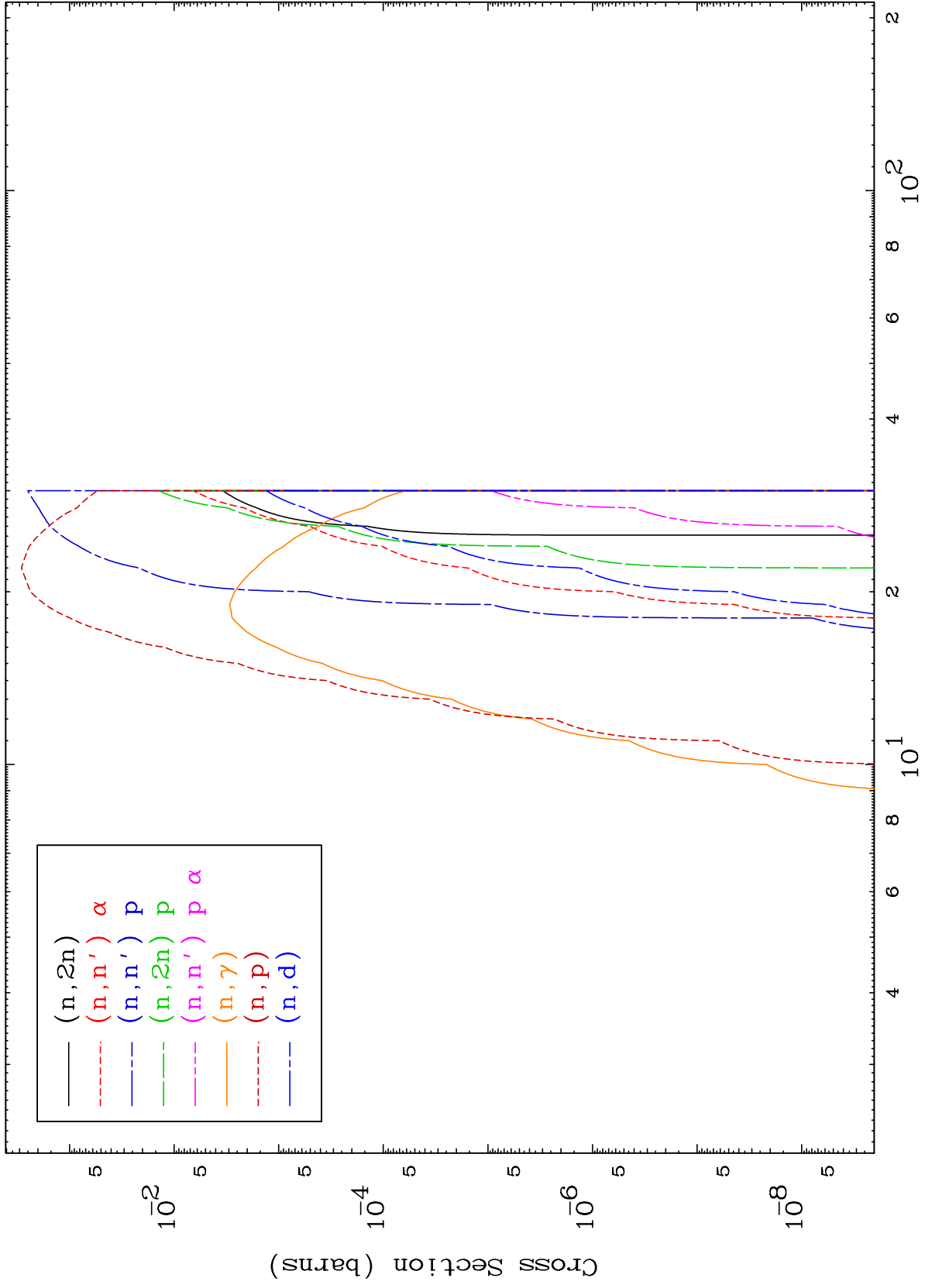
MAT 6393

0 Kelvin Cross Sections

α Major

64-Gd-141m

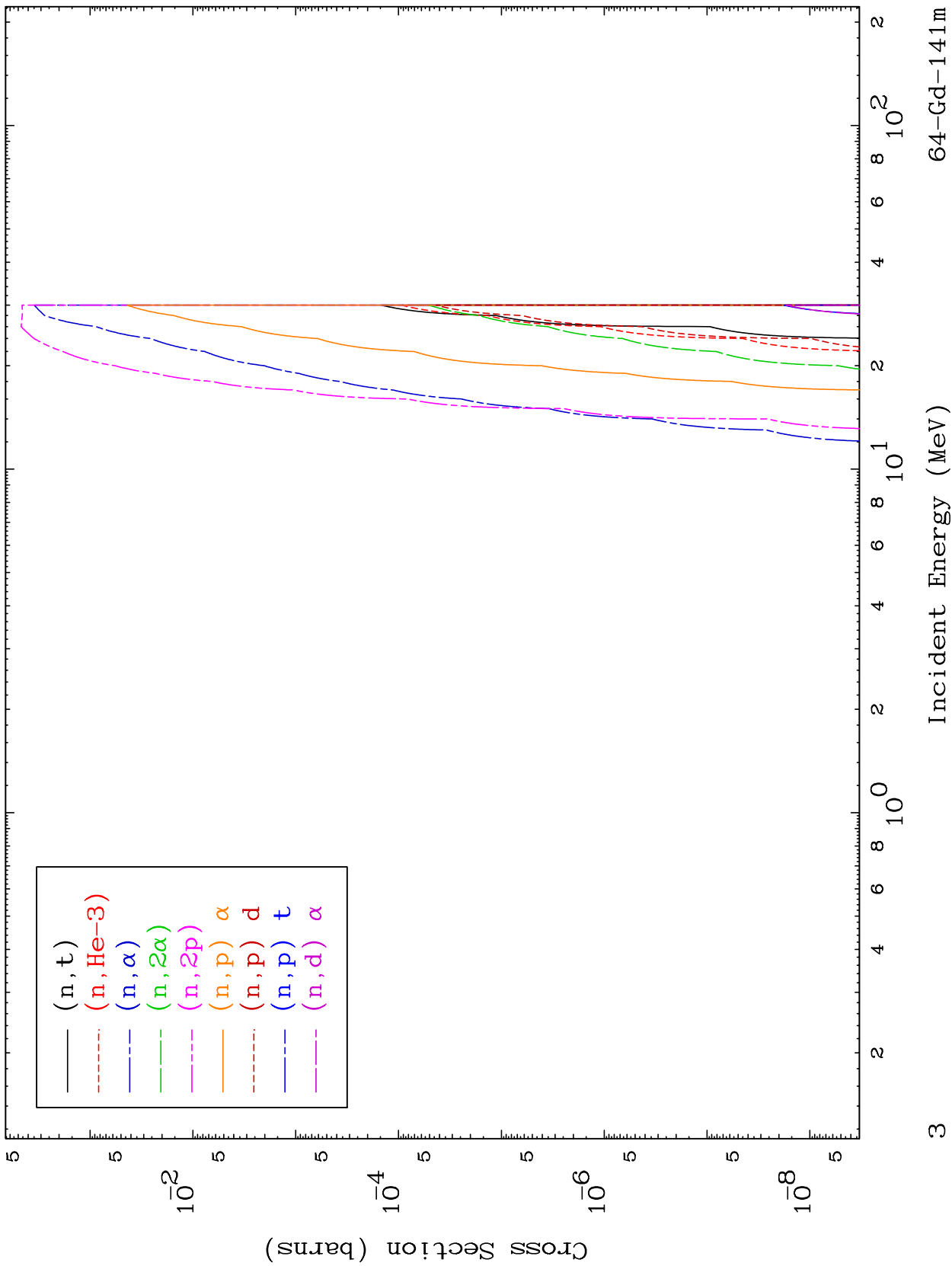




MAT 6393

α Neutron Absorption
0 Kelvin Cross Sections

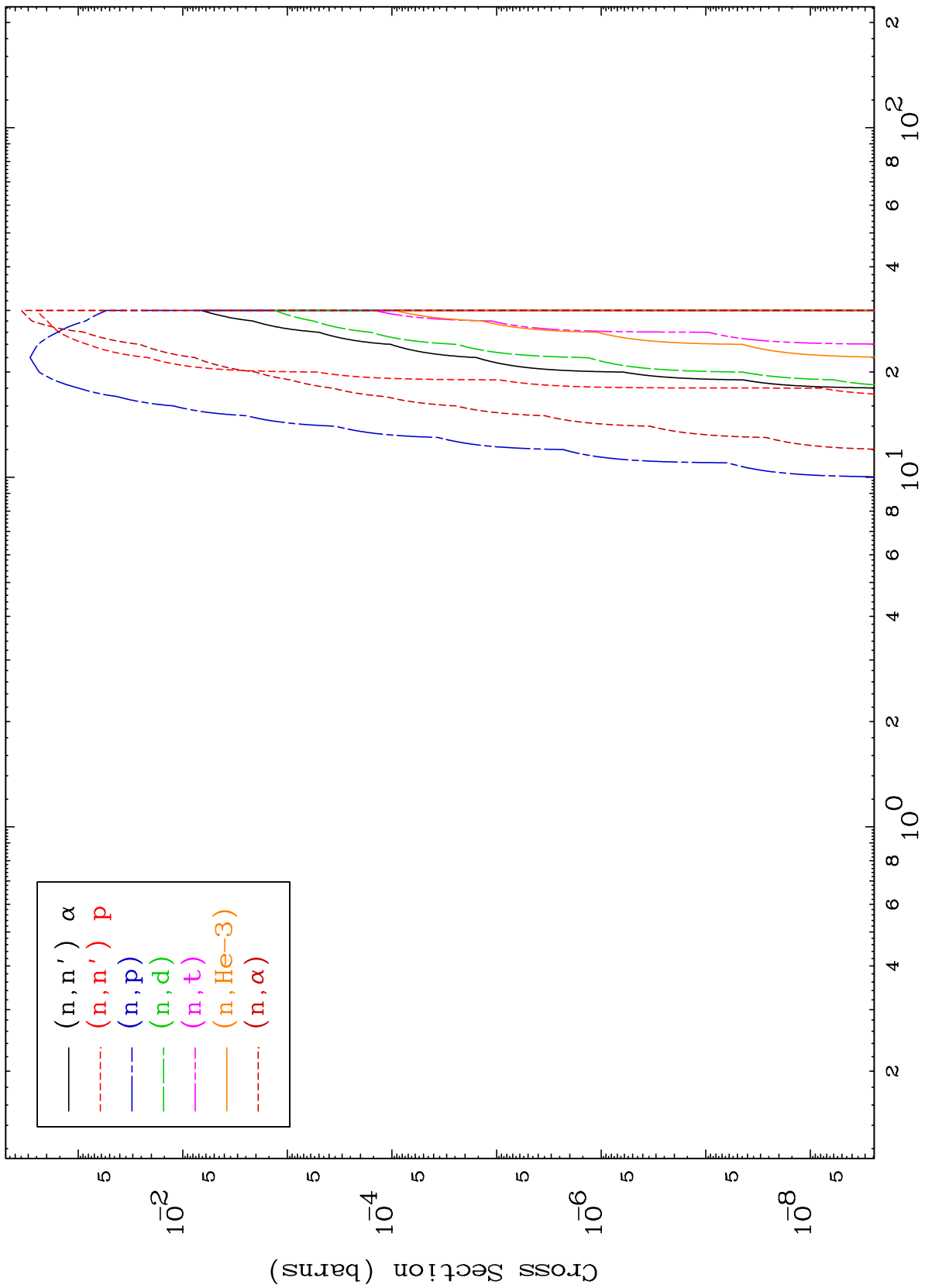
64-Gd-141m



MAT 6393

α Charged Particle
0 Kelvin Cross Sections

64-Gd-141m



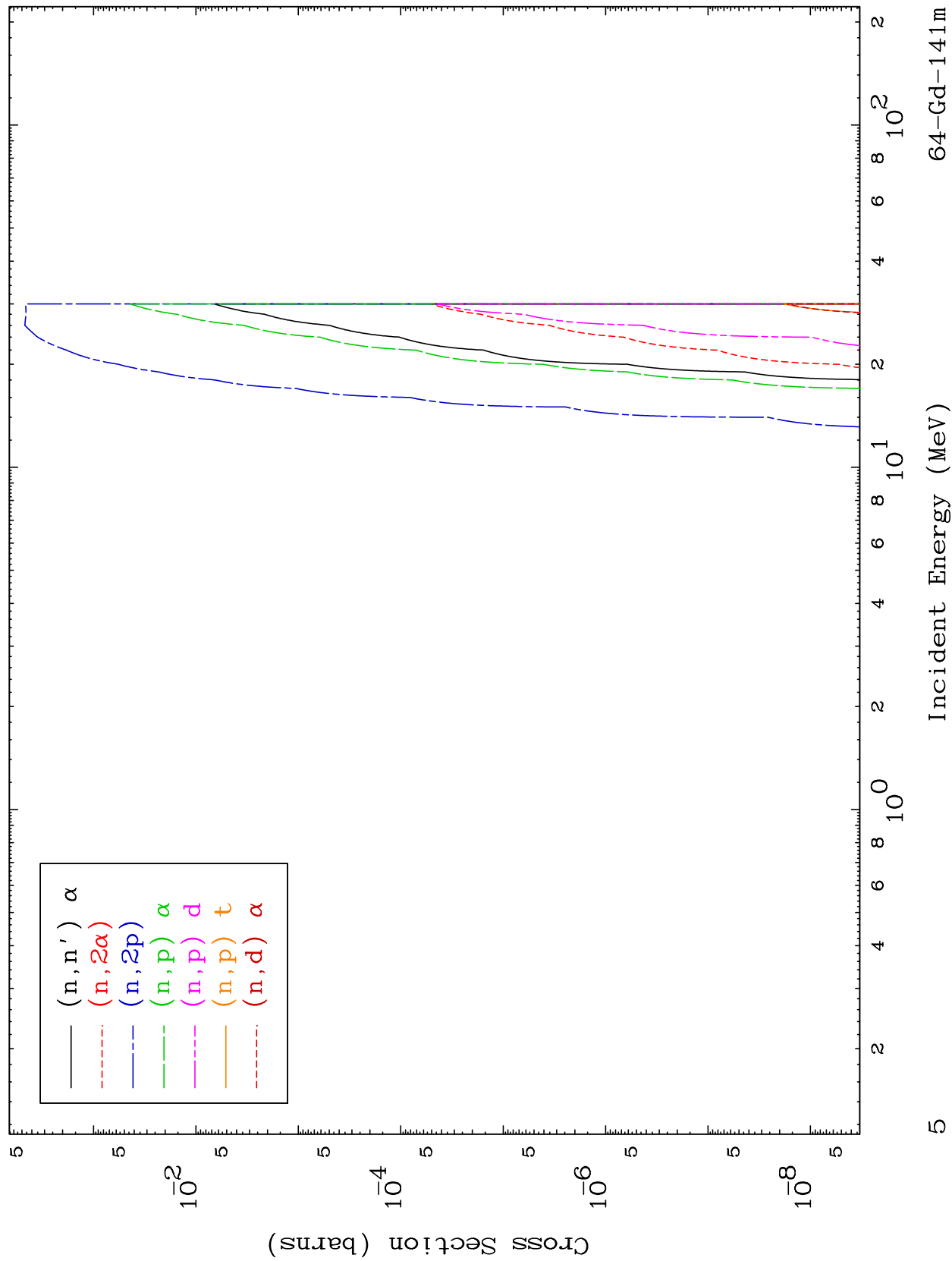
64-Gd-141m

Incident Energy (MeV)

MAT 6393

α Charged Particle
0 Kelvin Cross Sections

64-Gd-141m



5

Incident Energy (MeV)

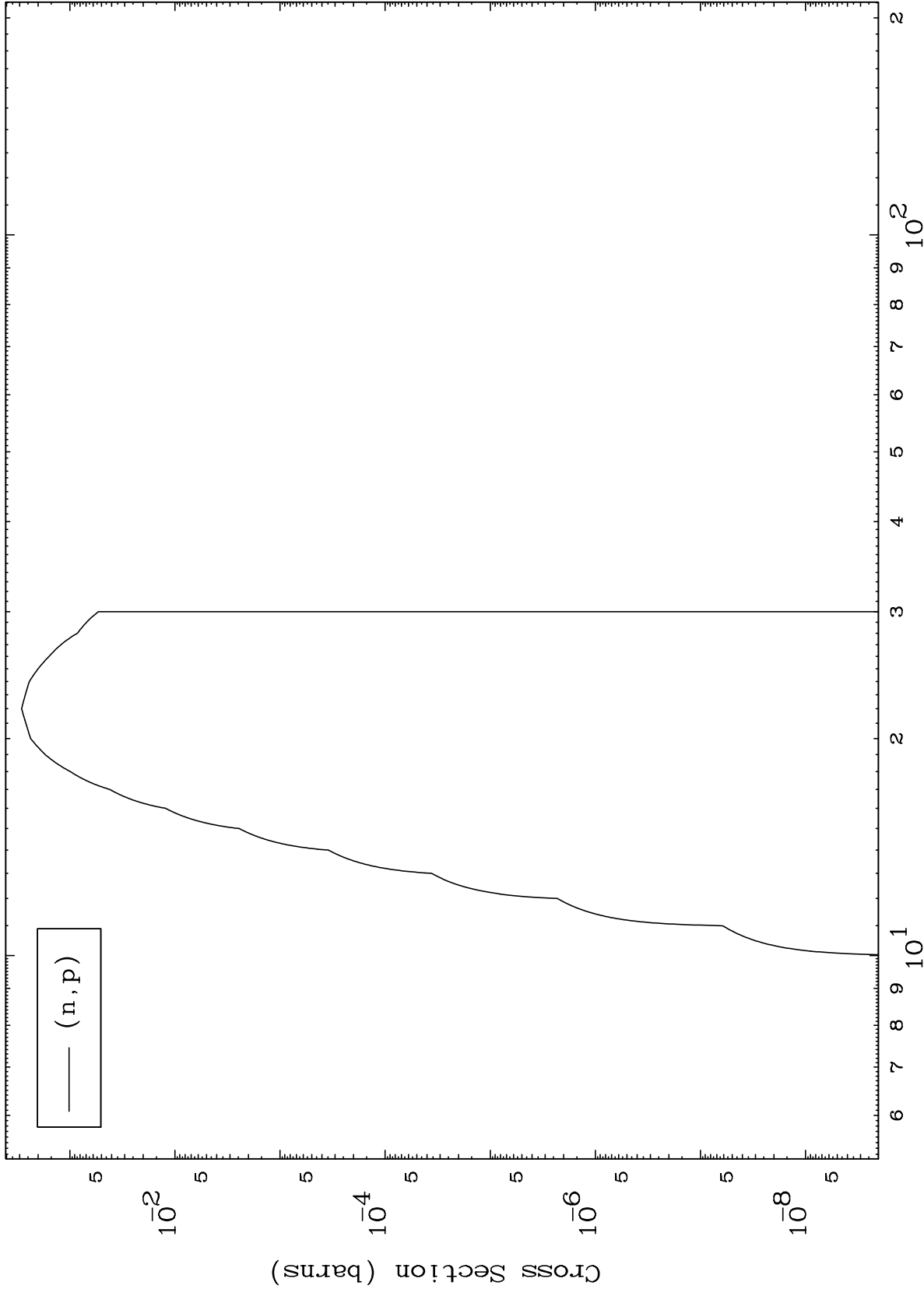
64-Gd-141m

MAT 6393

(α, p) Levels

64-Gd-141m

0 Kelvin Cross Sections



6

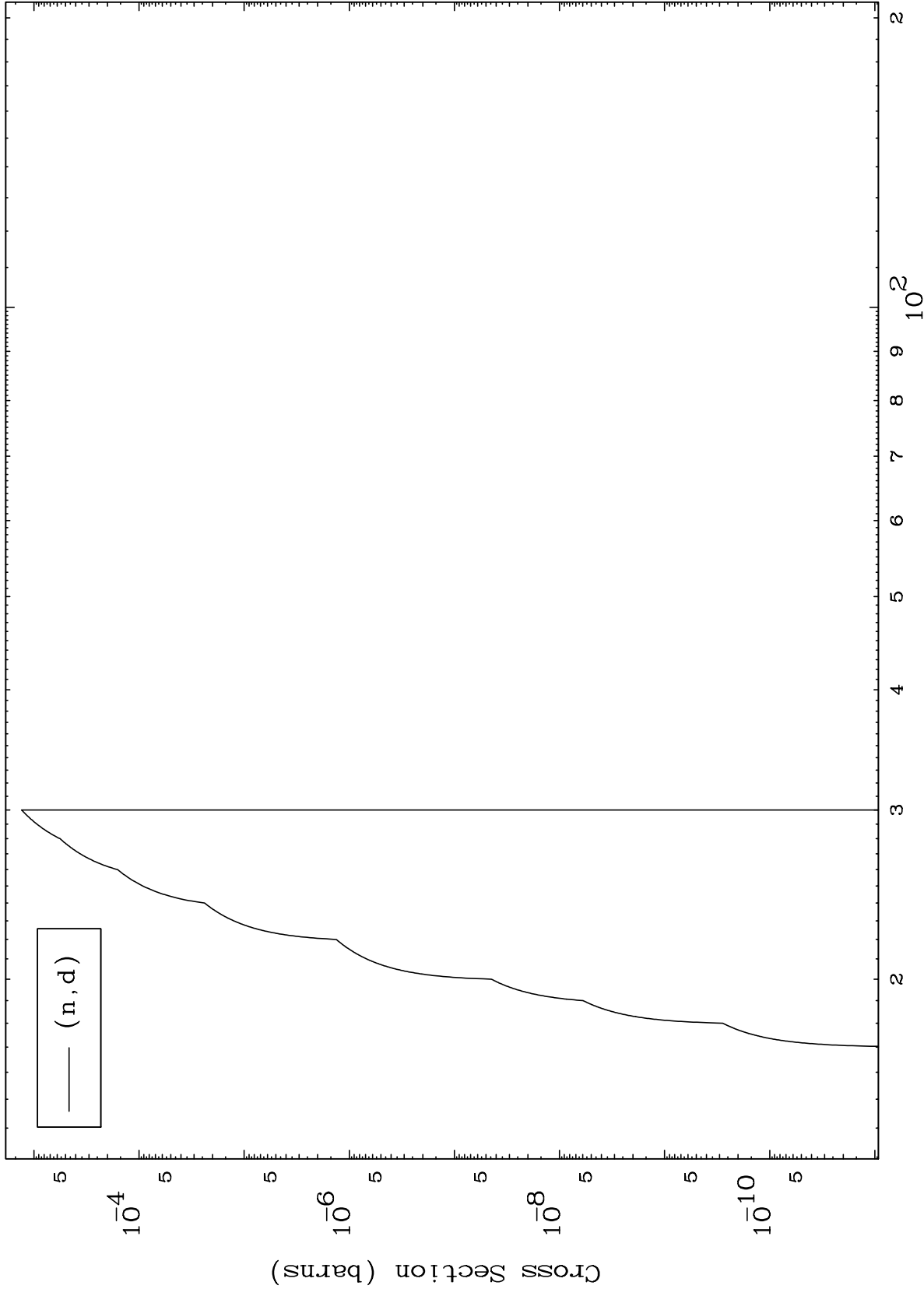
Incident Energy (MeV)

64-Gd-141m

MAT 6393

(α, d) Levels
0 Kelvin Cross Sections

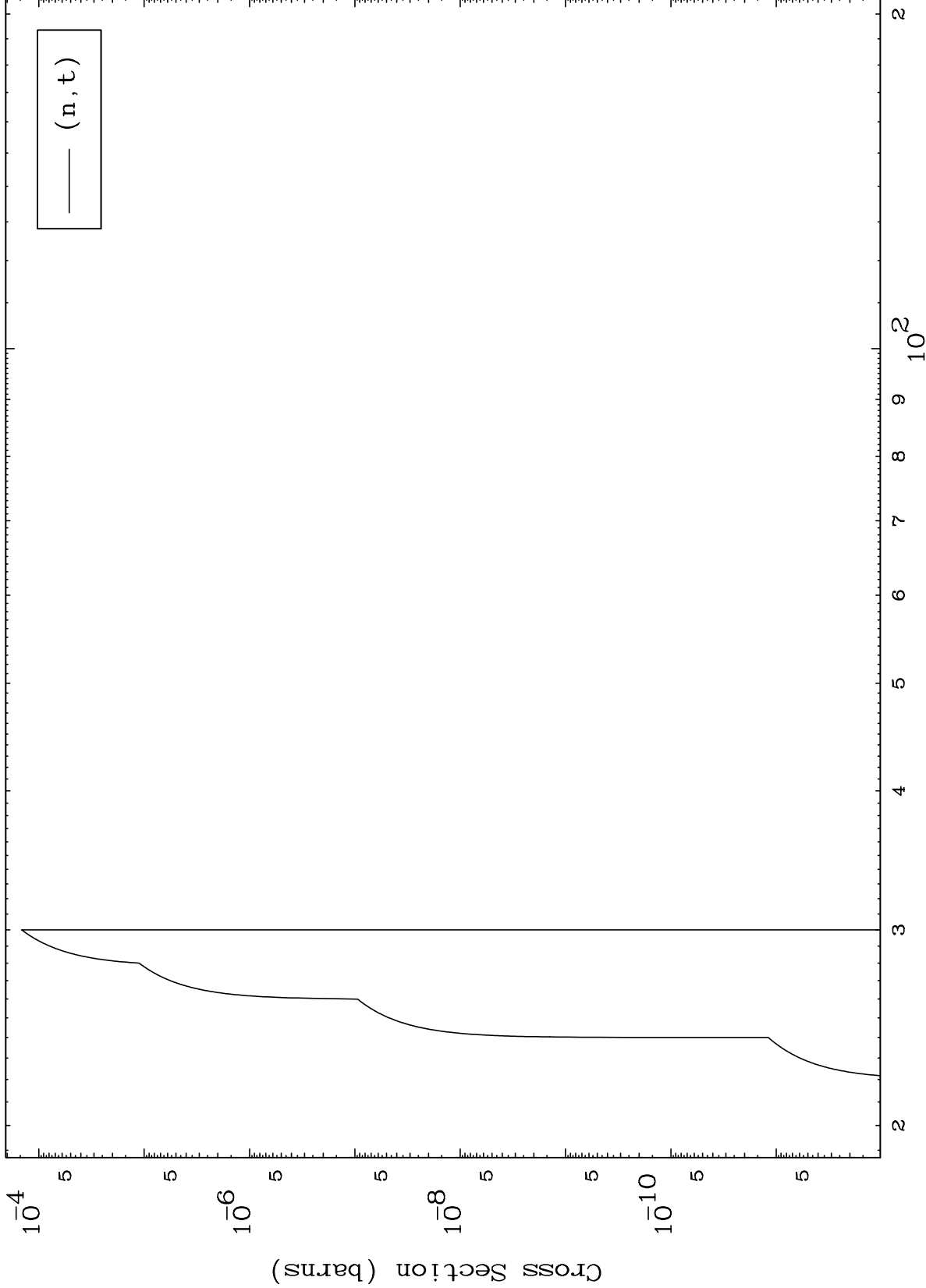
64-Gd-141m



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(α, t) Levels
0 Kelvin Cross Sections

64-Gd-141m



8

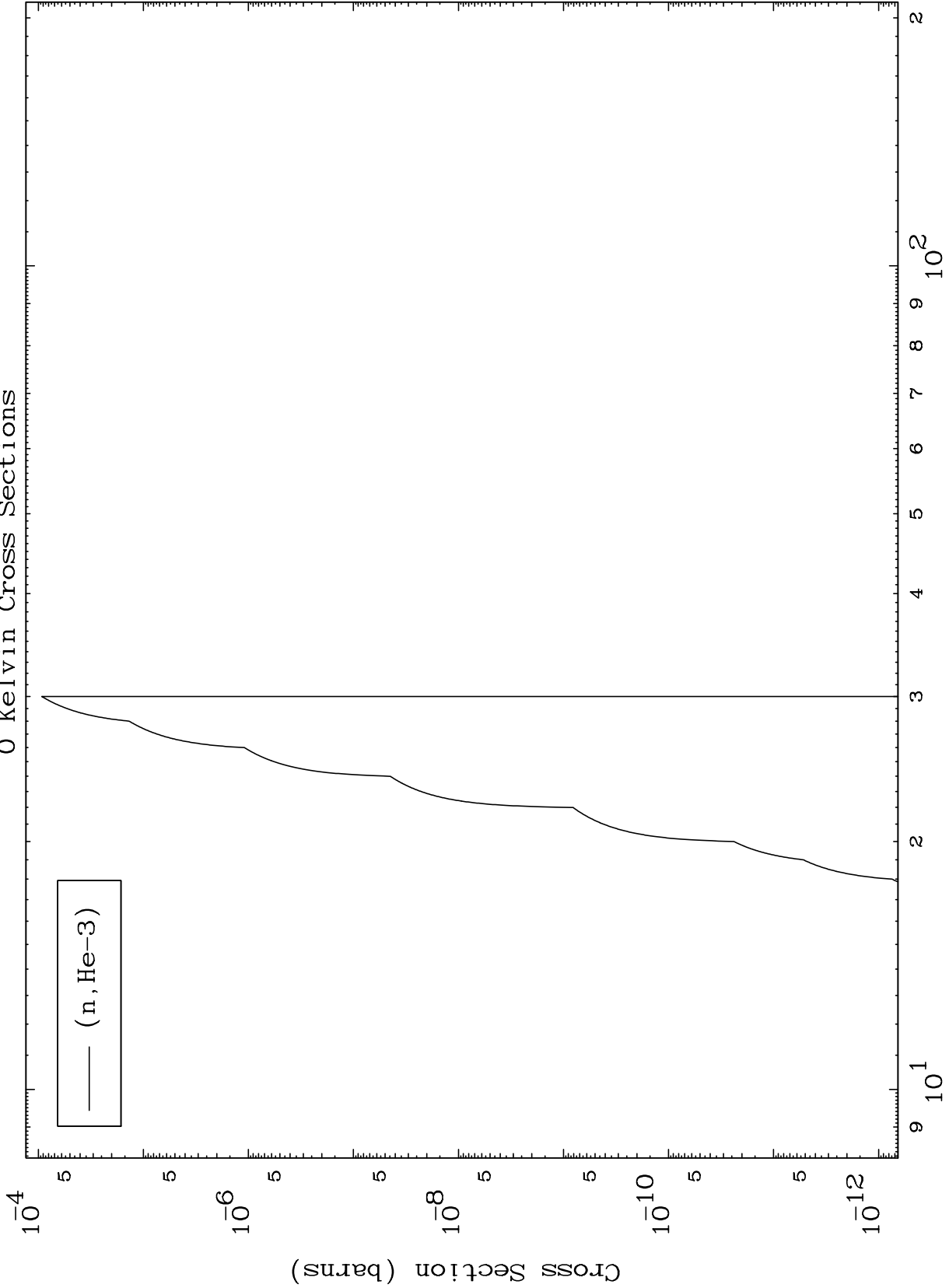
Incident Energy (MeV)

64-Gd-141m

MAT 6393

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

64-Gd-141m



9

Incident Energy (MeV)

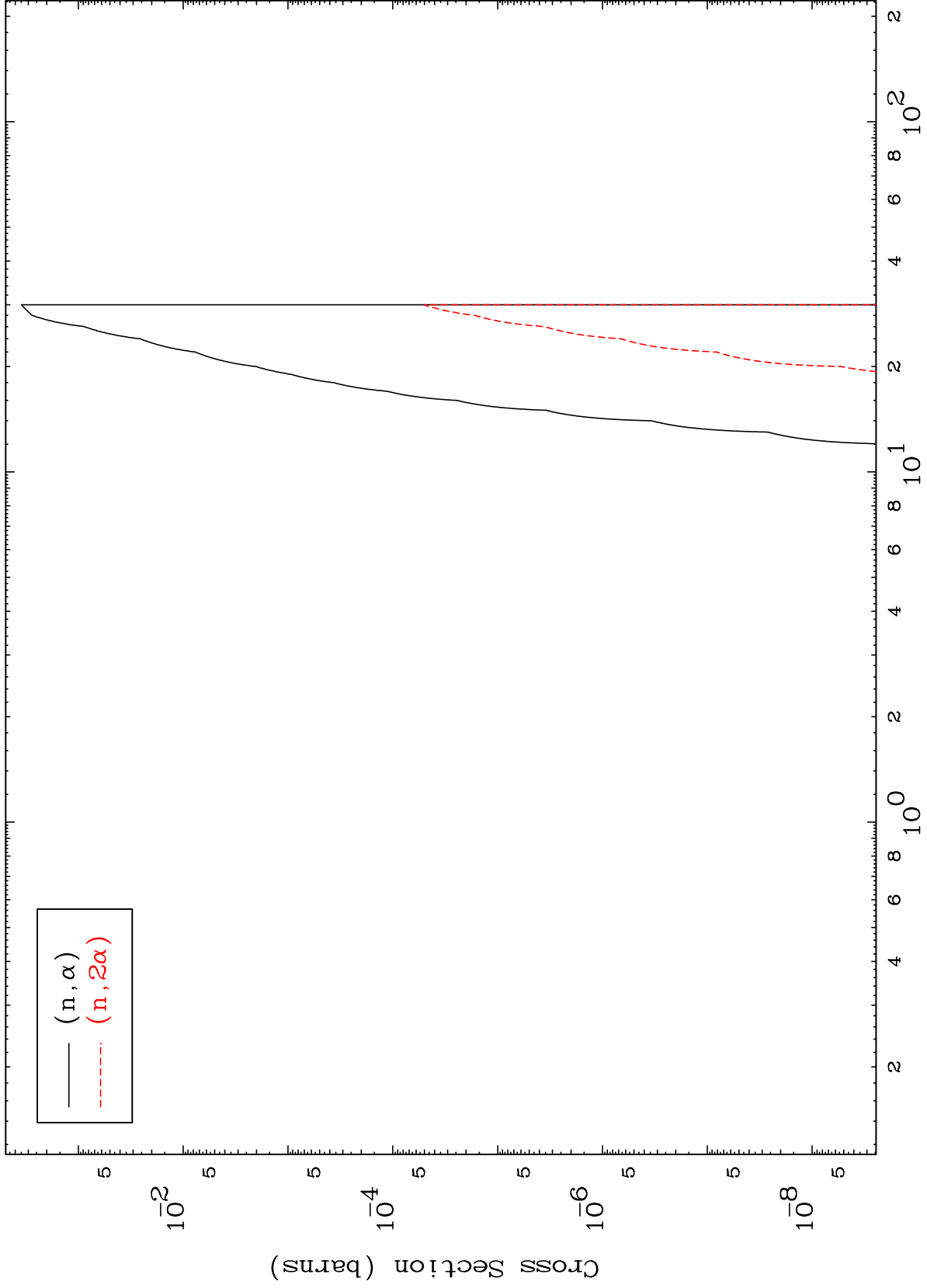
64-Gd-141m

MAT 6393

(α, α) Levels

64-Gd-141m

0 Kelvin Cross Sections



10

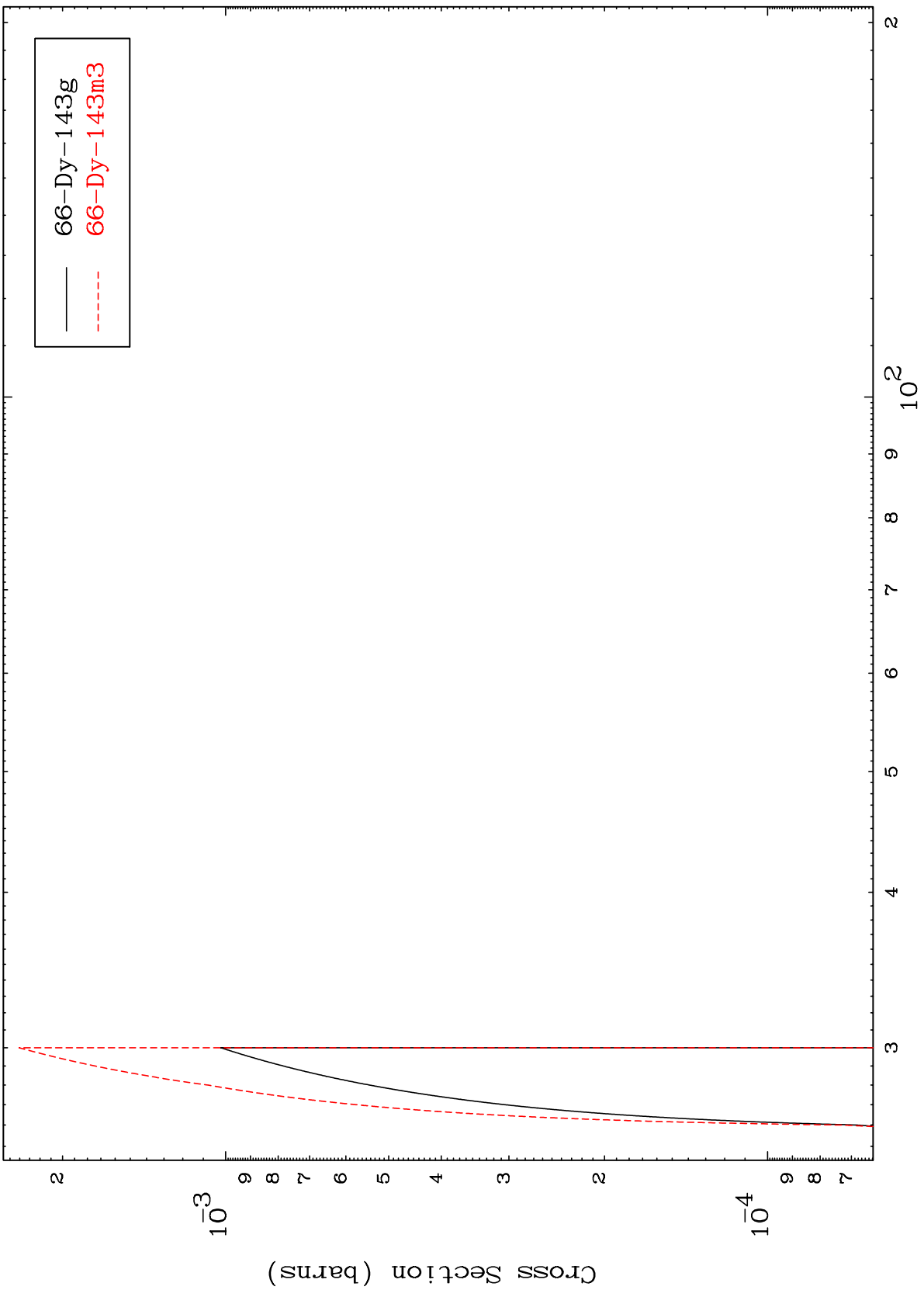
Incident Energy (MeV)

64-Gd-141m

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64-Gd-141m

(n,2n)
Radionuclide Production Cross Section



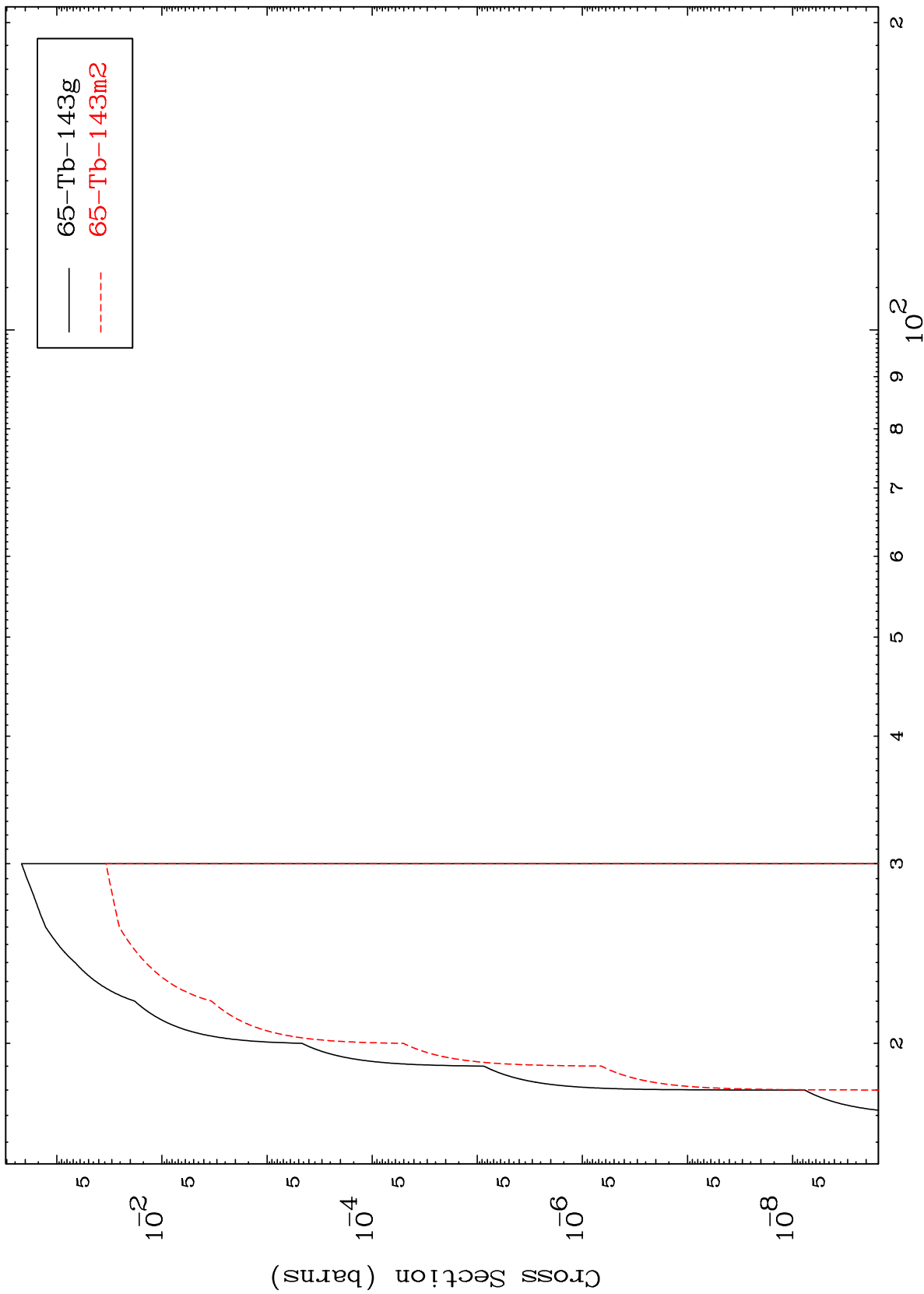
66-Dy-143g
66-Dy-143m3

MAT 6393

(n,n') p

64-Gd-141m

Radionuclide Production Cross Section



12

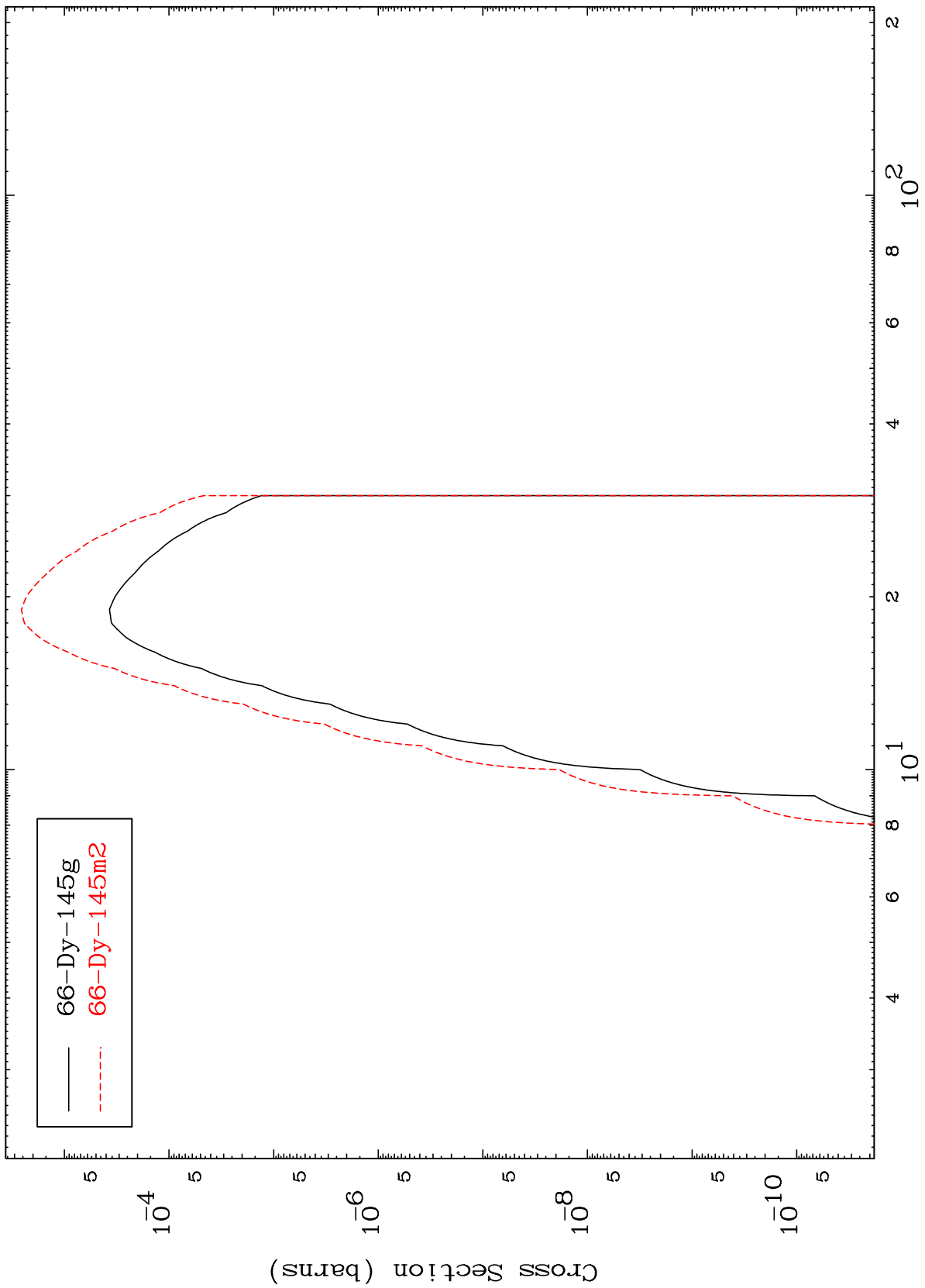
Incident Energy (MeV)

64-Gd-141m

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64-Gd-141m

Radionuclide Production Cross Section
(n, γ)



64-Gd-141m

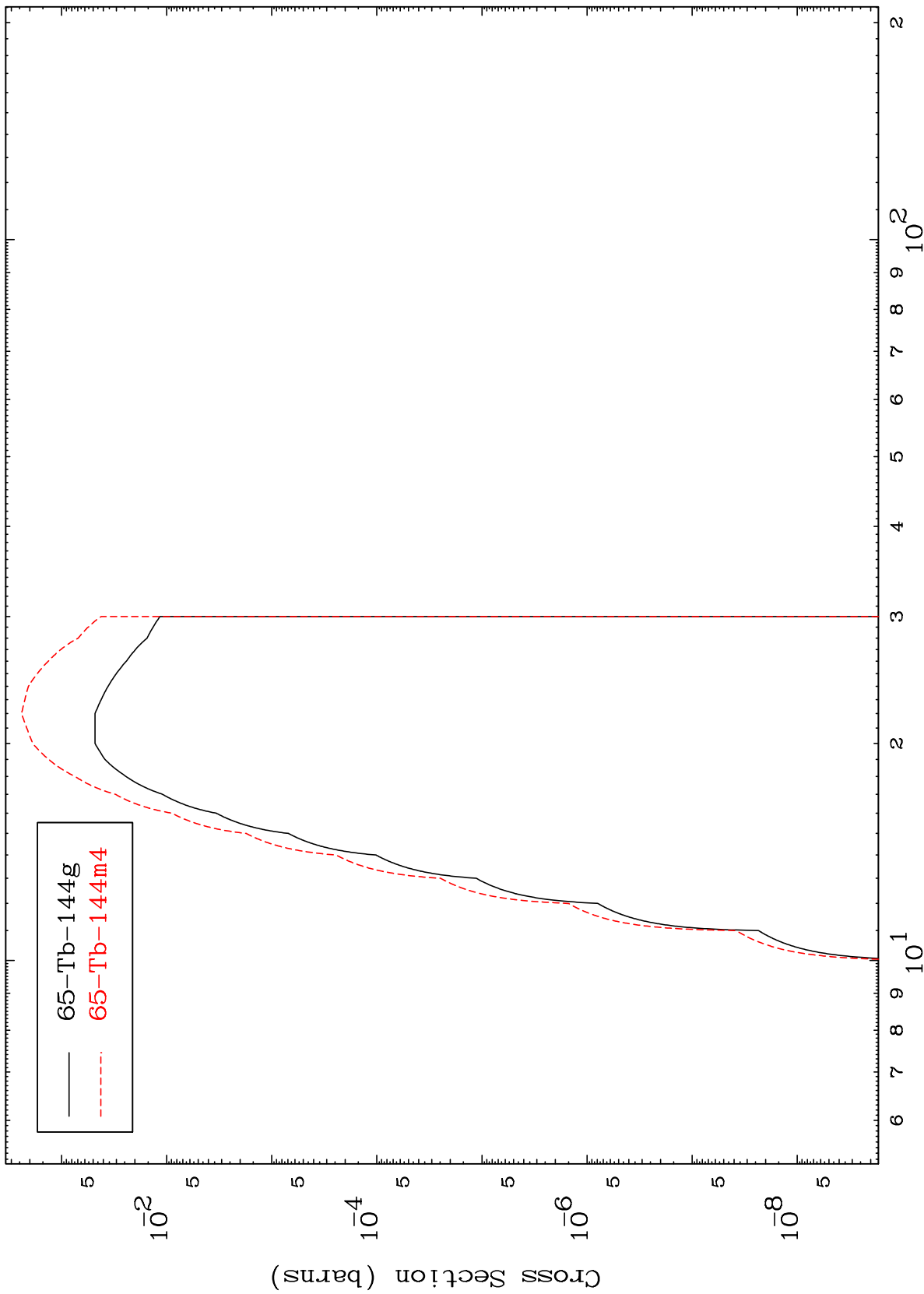
Incident Energy (MeV)

13

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64-Gd-141m

(n,p)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

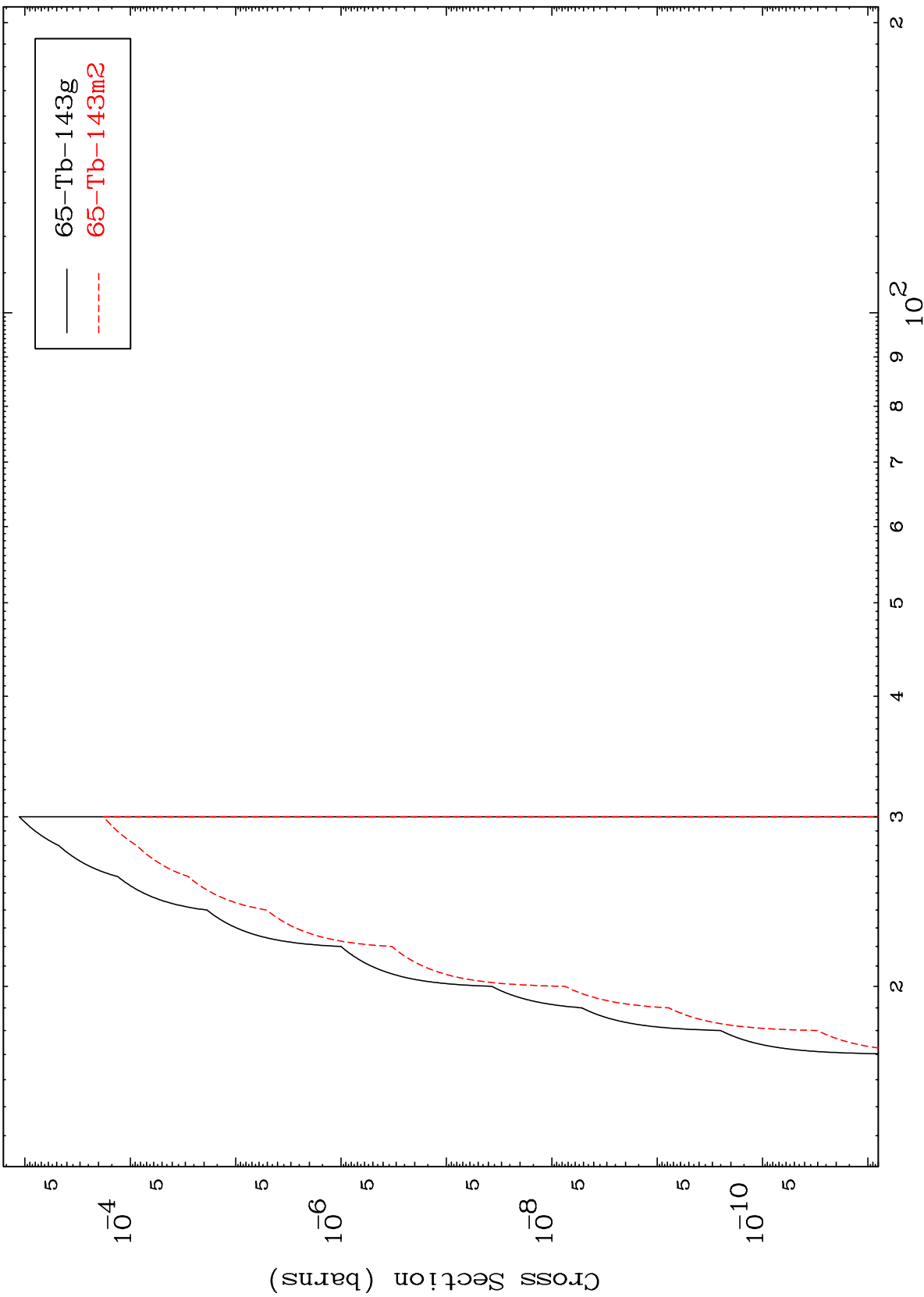
64-Gd-141m

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(n,d)

64-Gd-141m

Radionuclide Production Cross Section



15

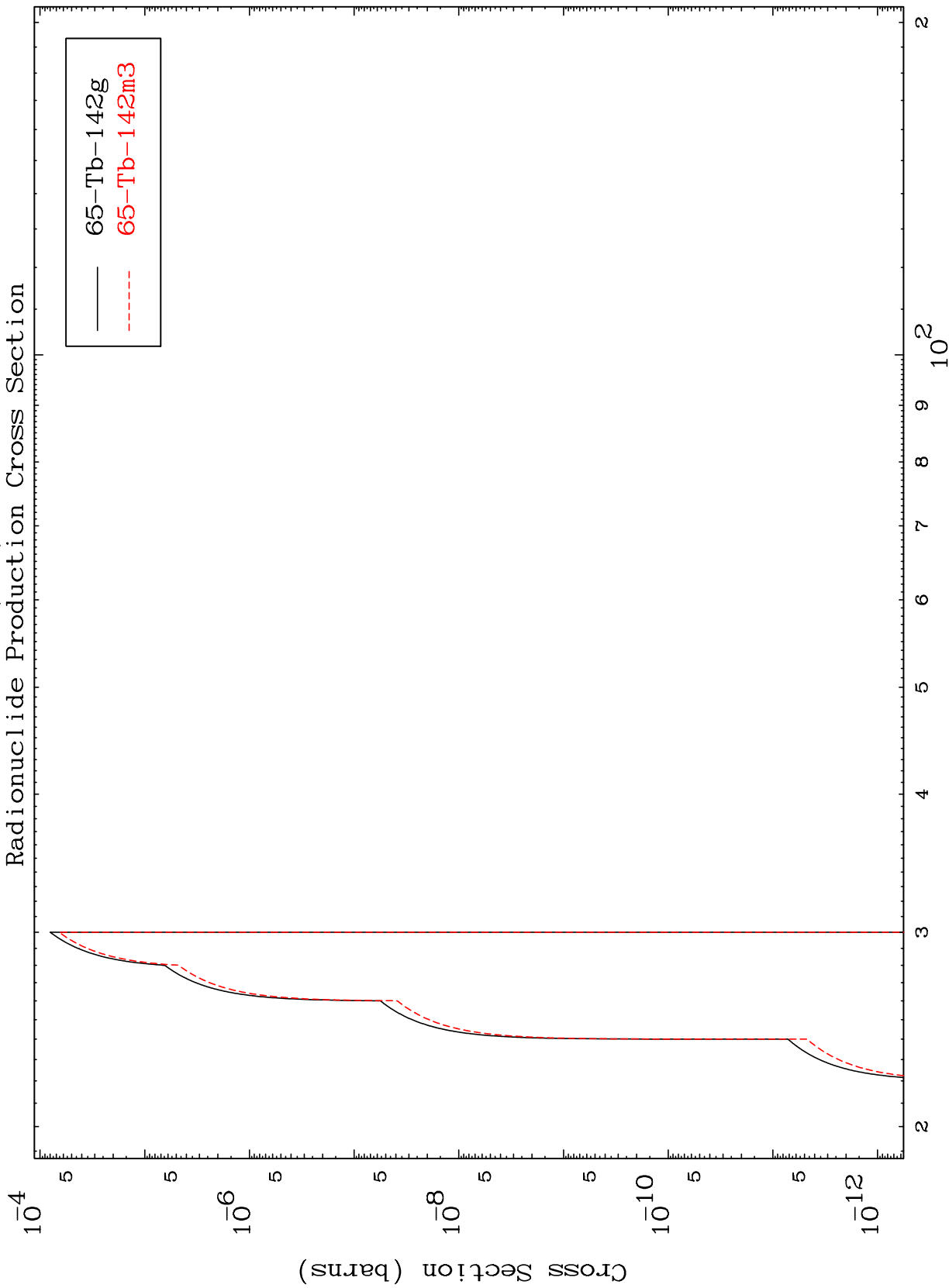
Incident Energy (MeV)

64-Gd-141m

MAT 6393

64-Gd-141m

(n, t)
Radionuclide Production Cross Section



64-Gd-141m

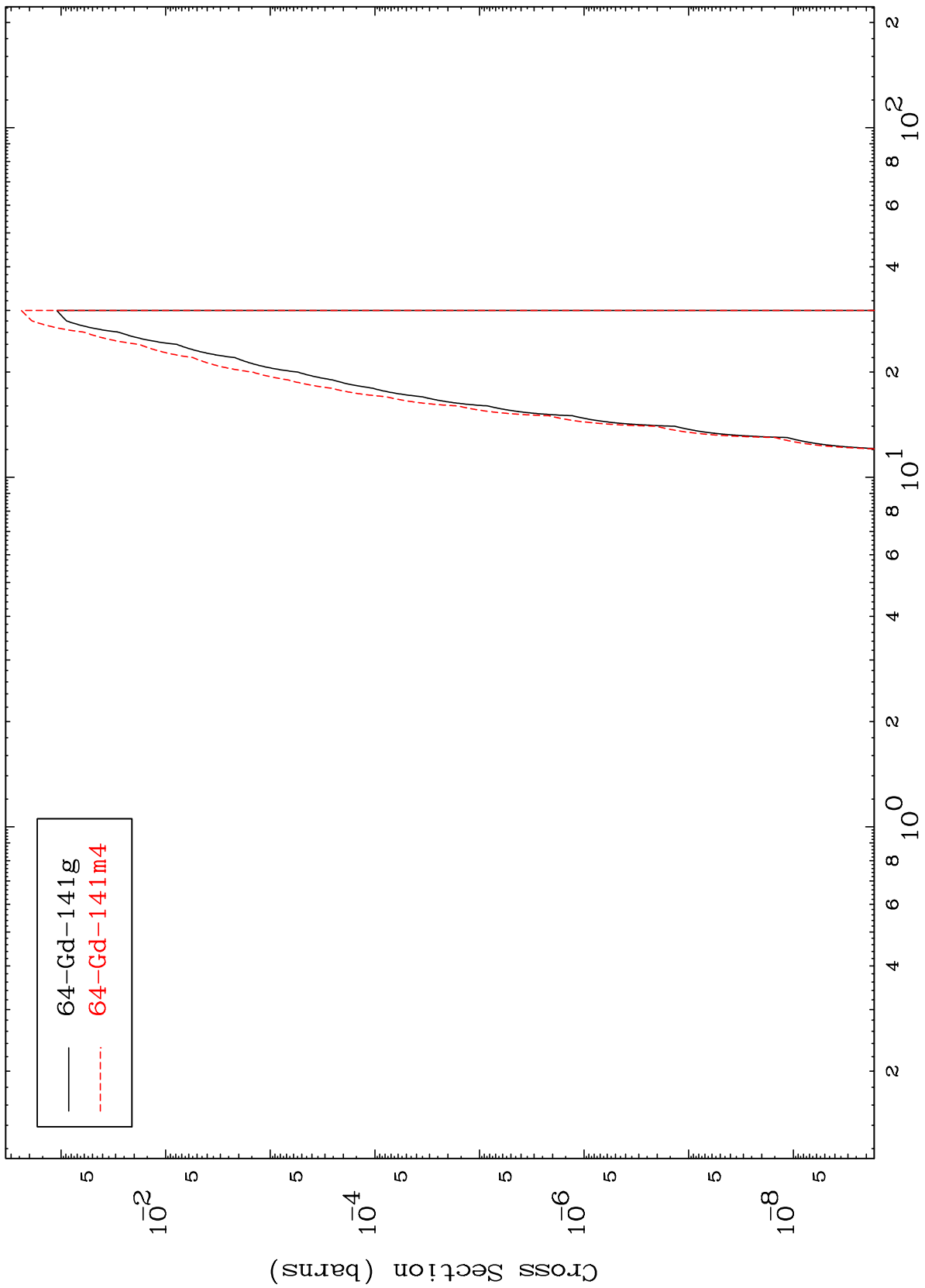
Incident Energy (MeV)

16

MAT 6393

64-Gd-141m

Radionuclide Production Cross Section
(n, α)



64-Gd-141m

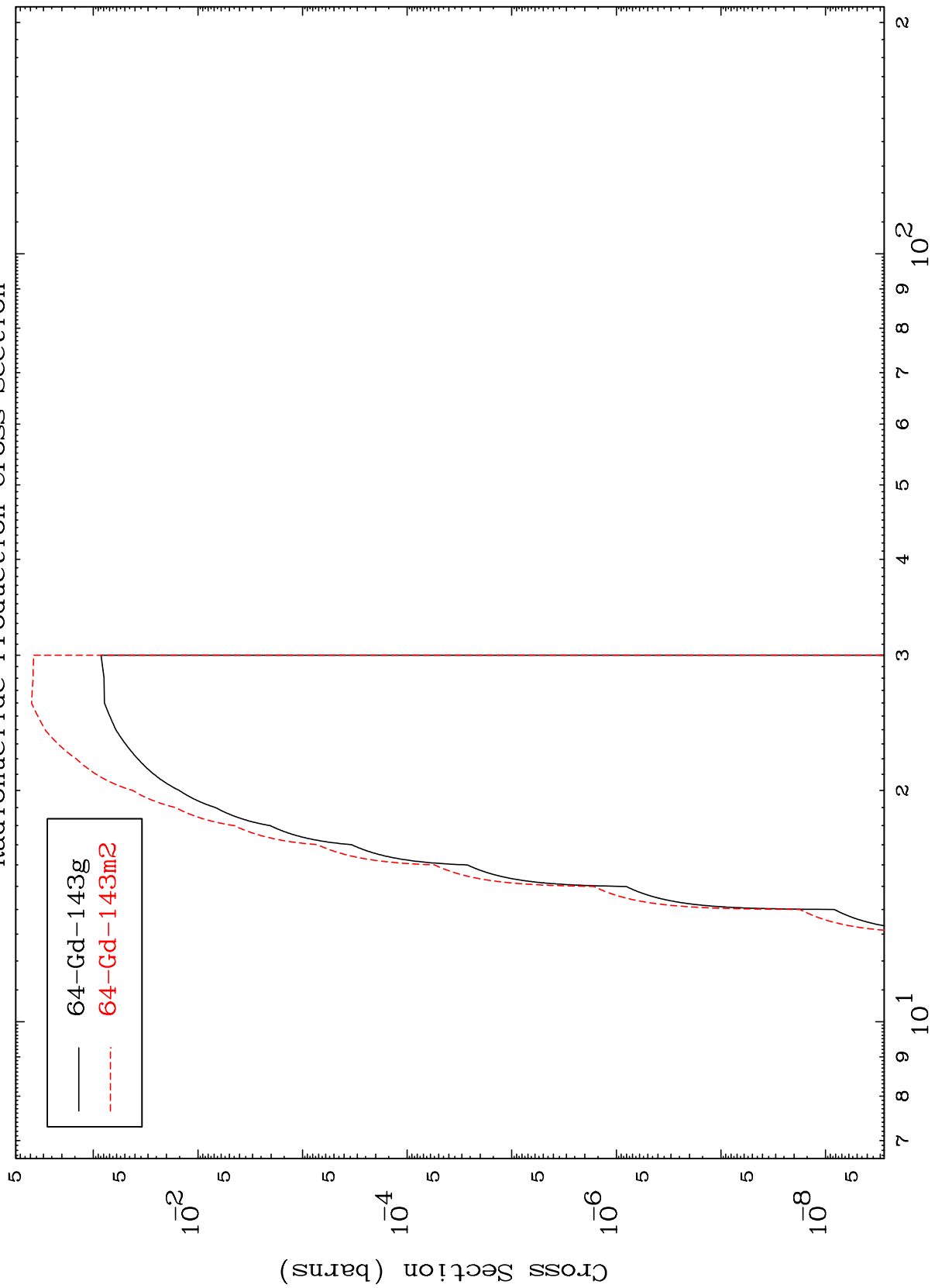
Incident Energy (MeV)

17

MAT 6393

64-Gd-141m

Radionuclide Production Cross Section
(n,2p)



64-Gd-141m

Incident Energy (MeV)

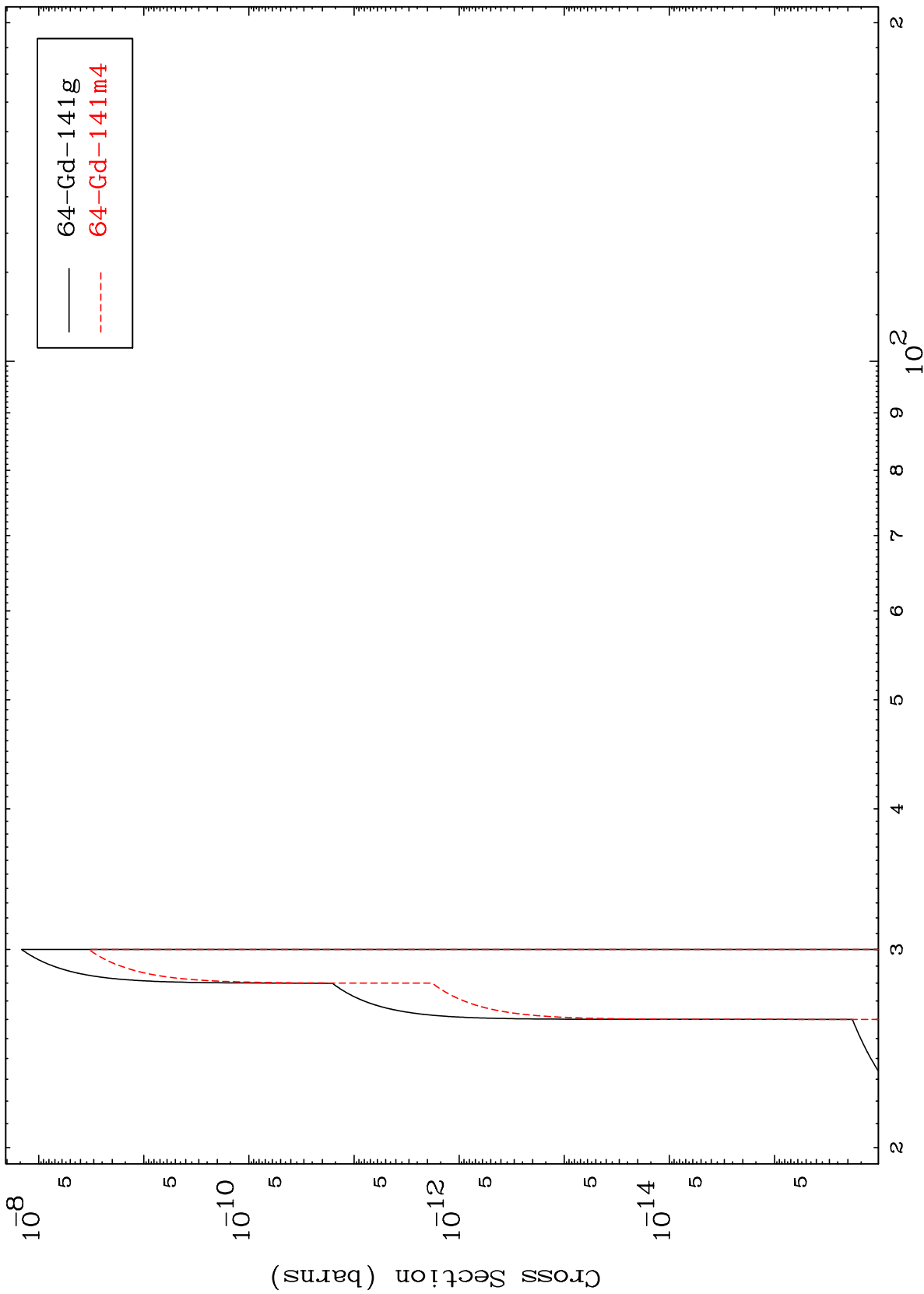
18

MAT 6393

(n,p) t

64-Gd-141m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

64-Gd-141m