

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

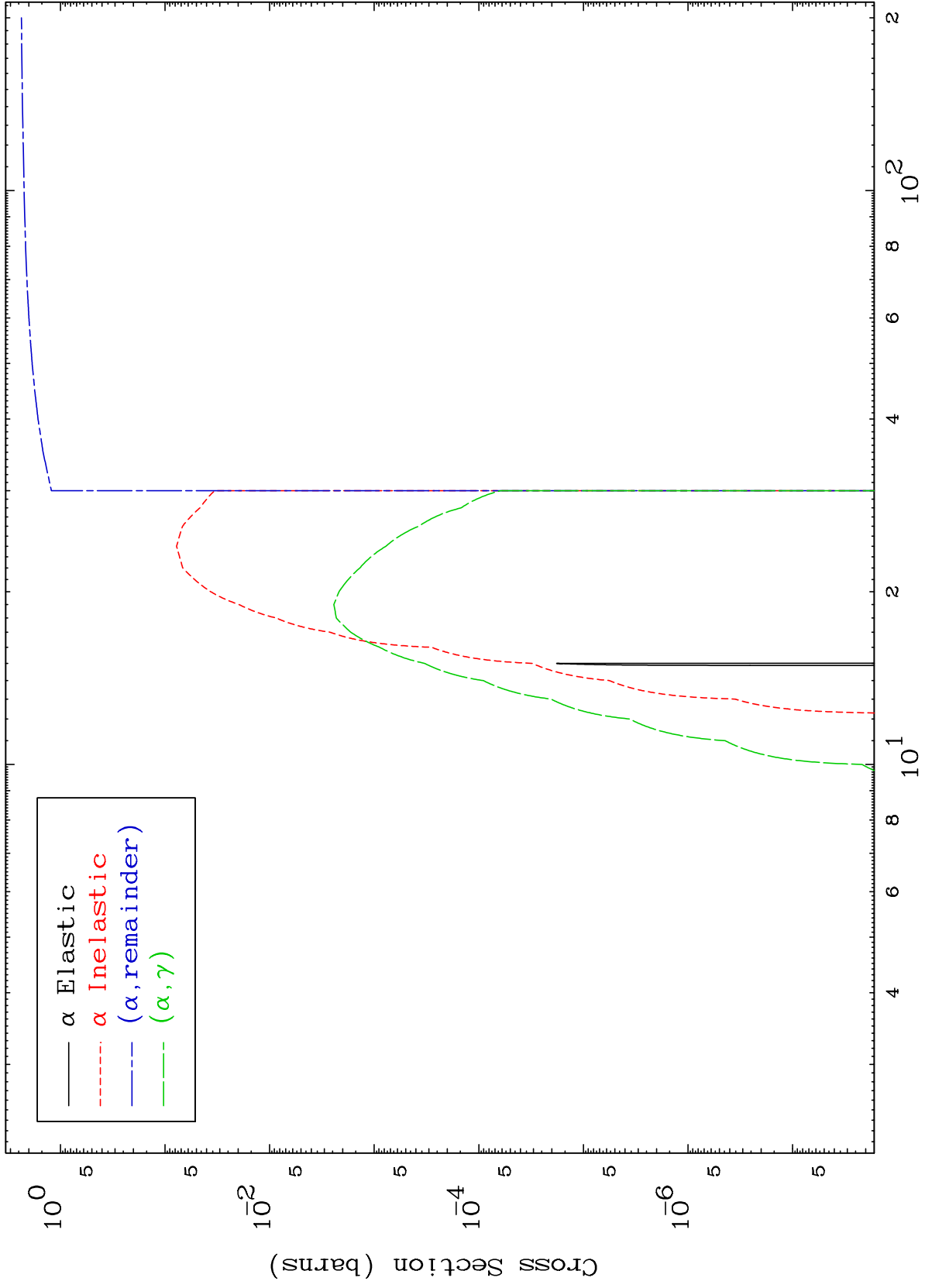
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

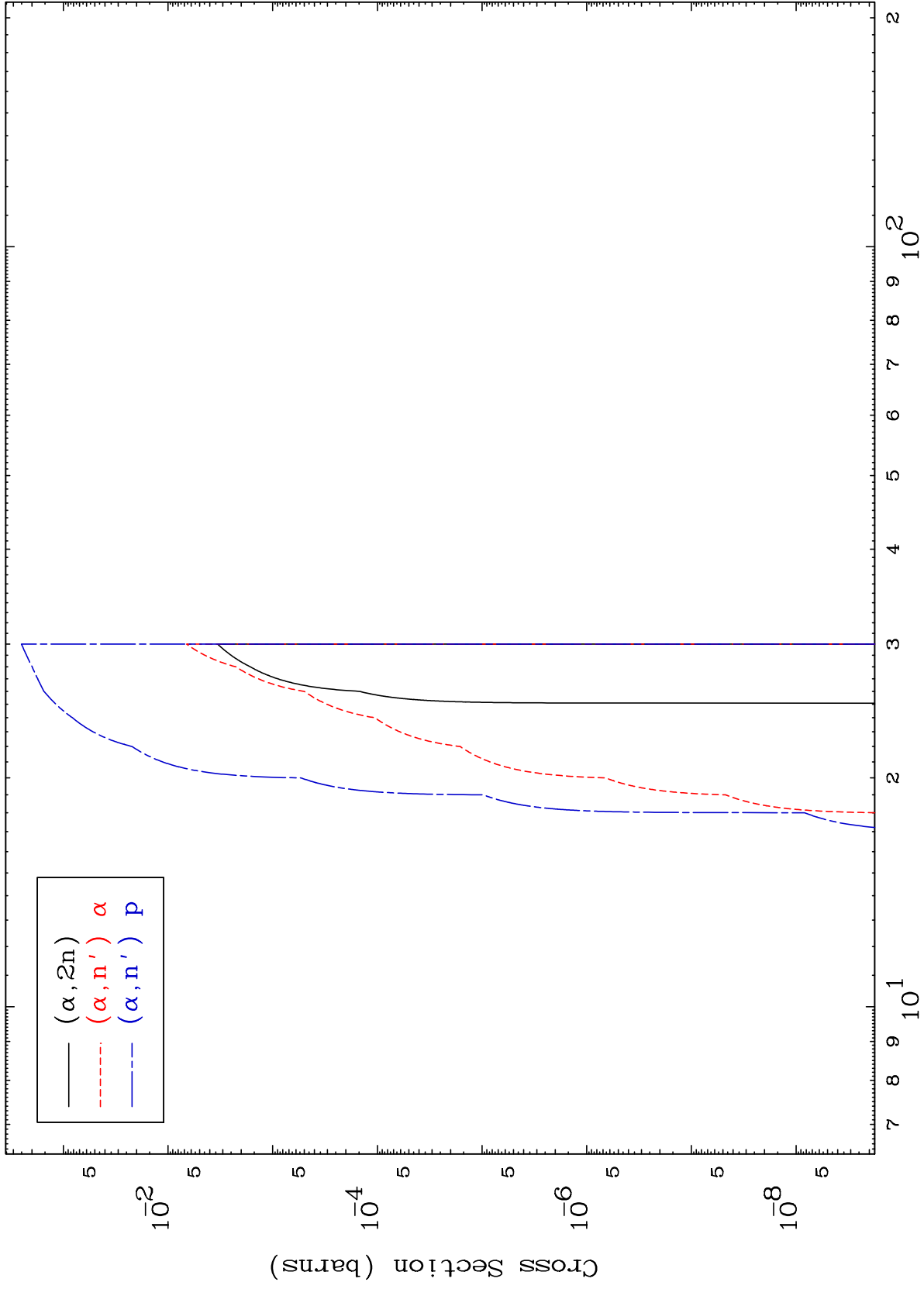
Press Mouse Button to Start



MAT 6393

α Neutron Production
0 Kelvin Cross Sections

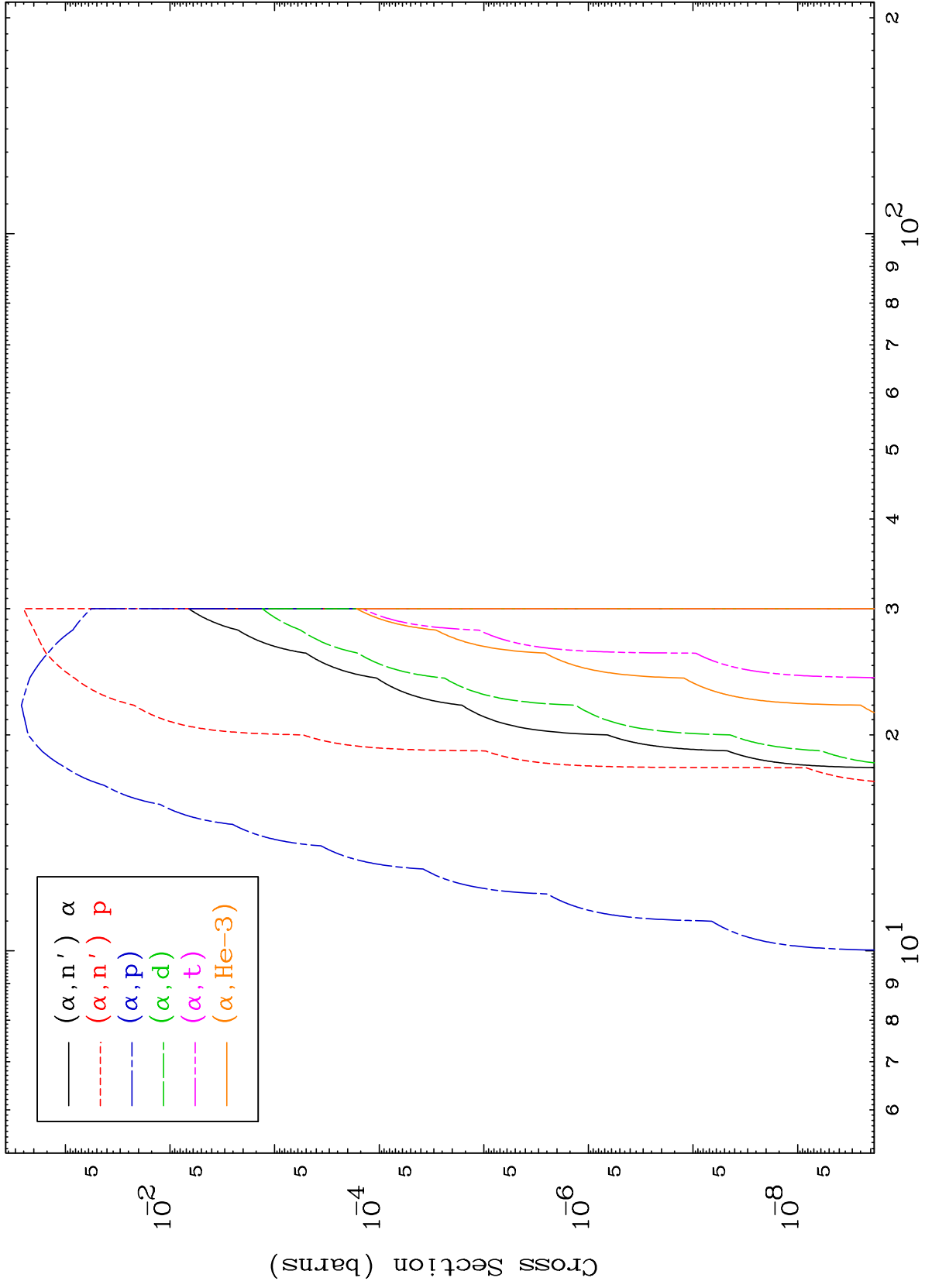
64-Gd-141

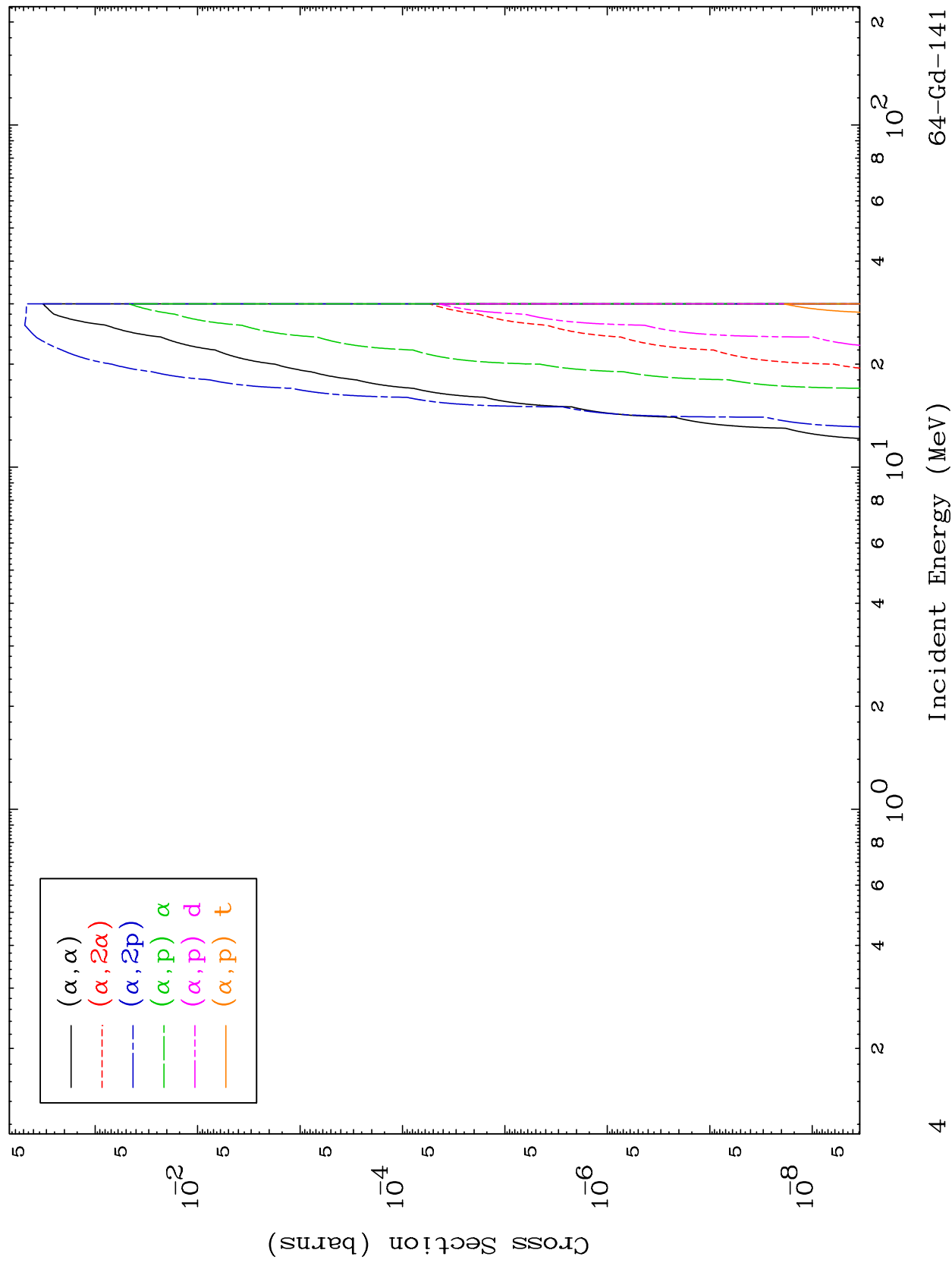


2

Incident Energy (MeV)

64-Gd-141



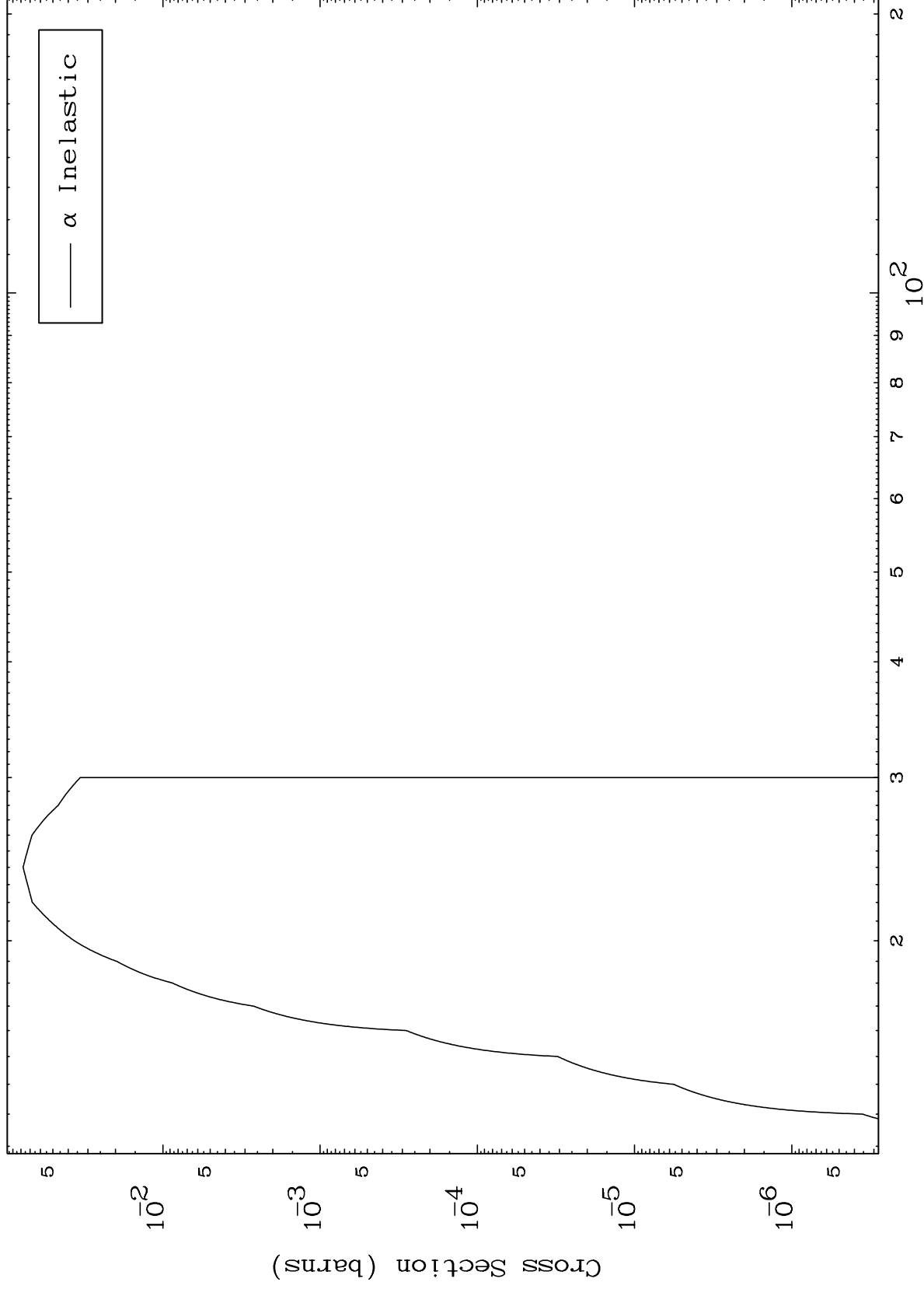


MAT 6393

(α, n') Level

64-Gd-141

0 Kelvin Cross Sections



5

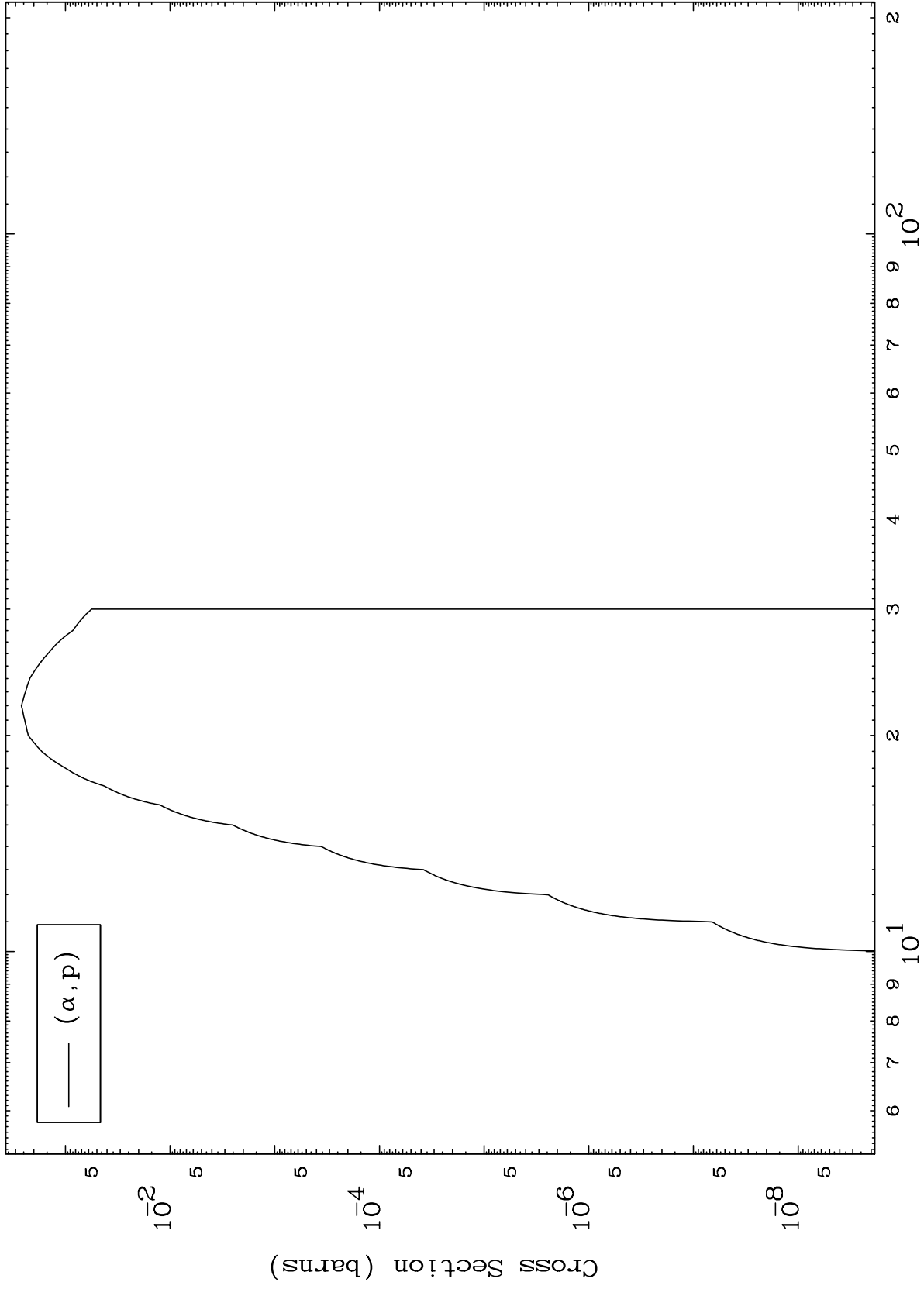
Incident Energy (MeV)

64-Gd-141

MAT 6393

64-Gd-141

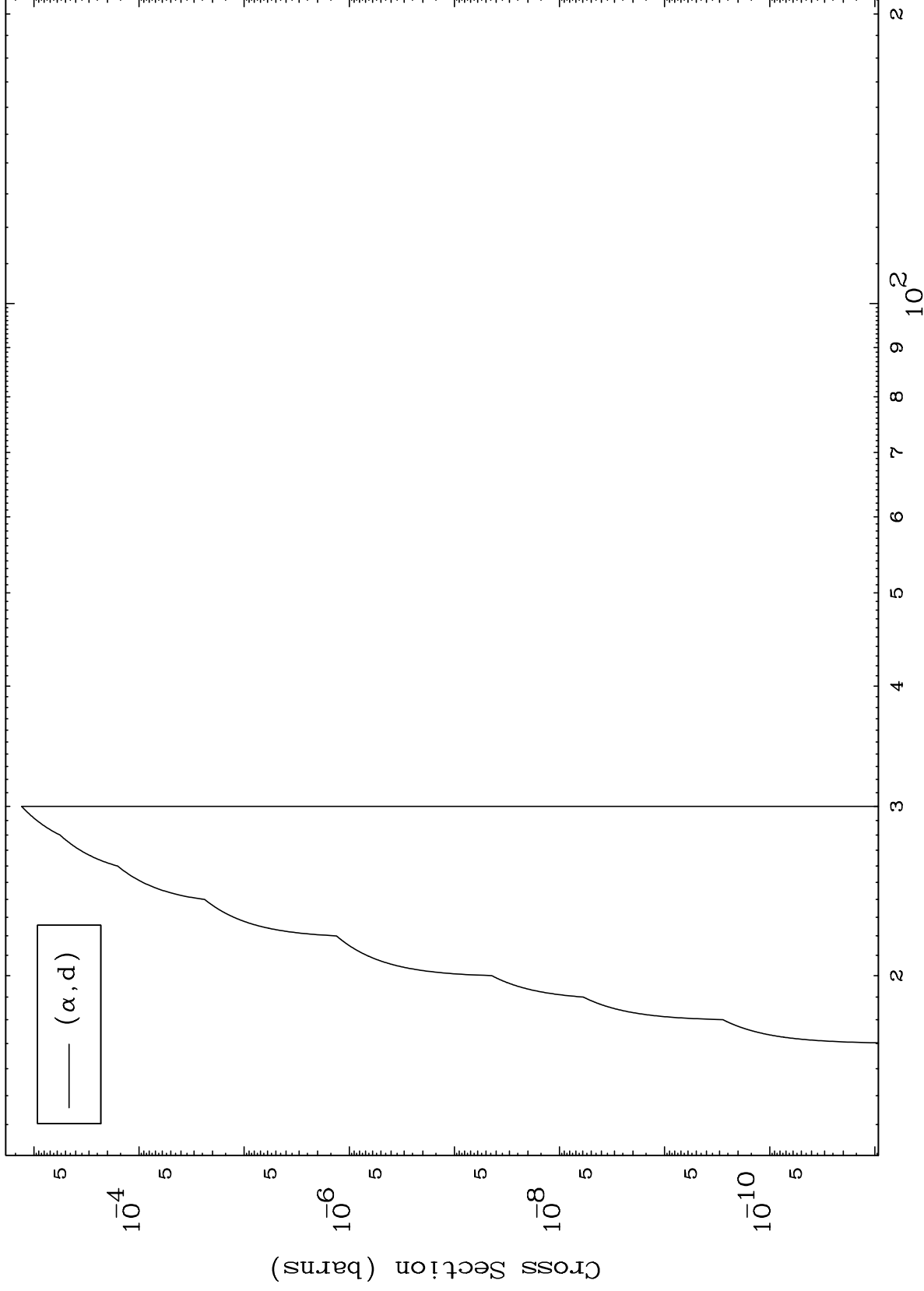
(α, p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

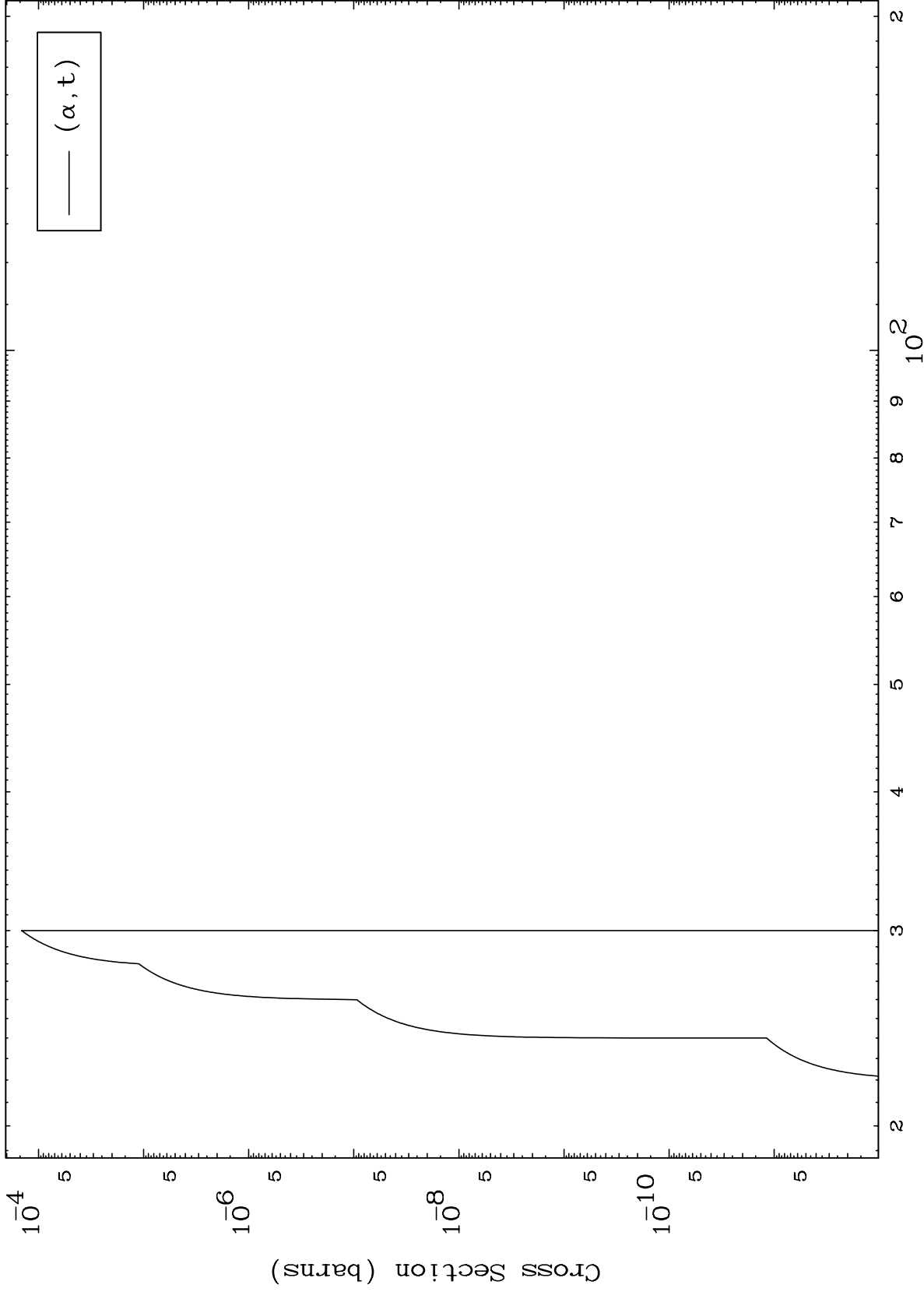
64-Gd-141



MAT 6393

64-Gd-141

(α, t) Levels
0 Kelvin Cross Sections



64-Gd-141

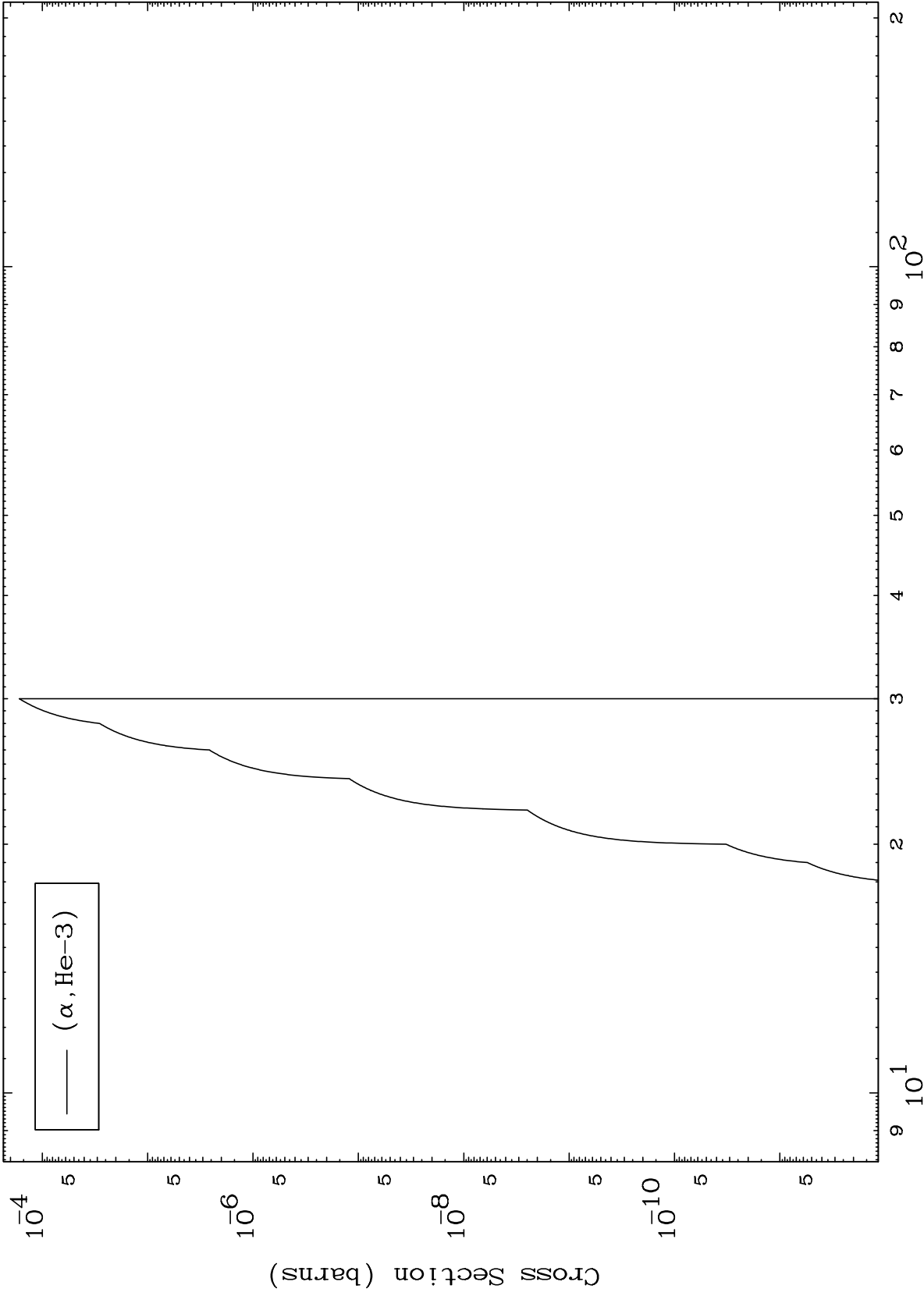
Incident Energy (MeV)

8

MAT 6393

64-Gd-141

(α , He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

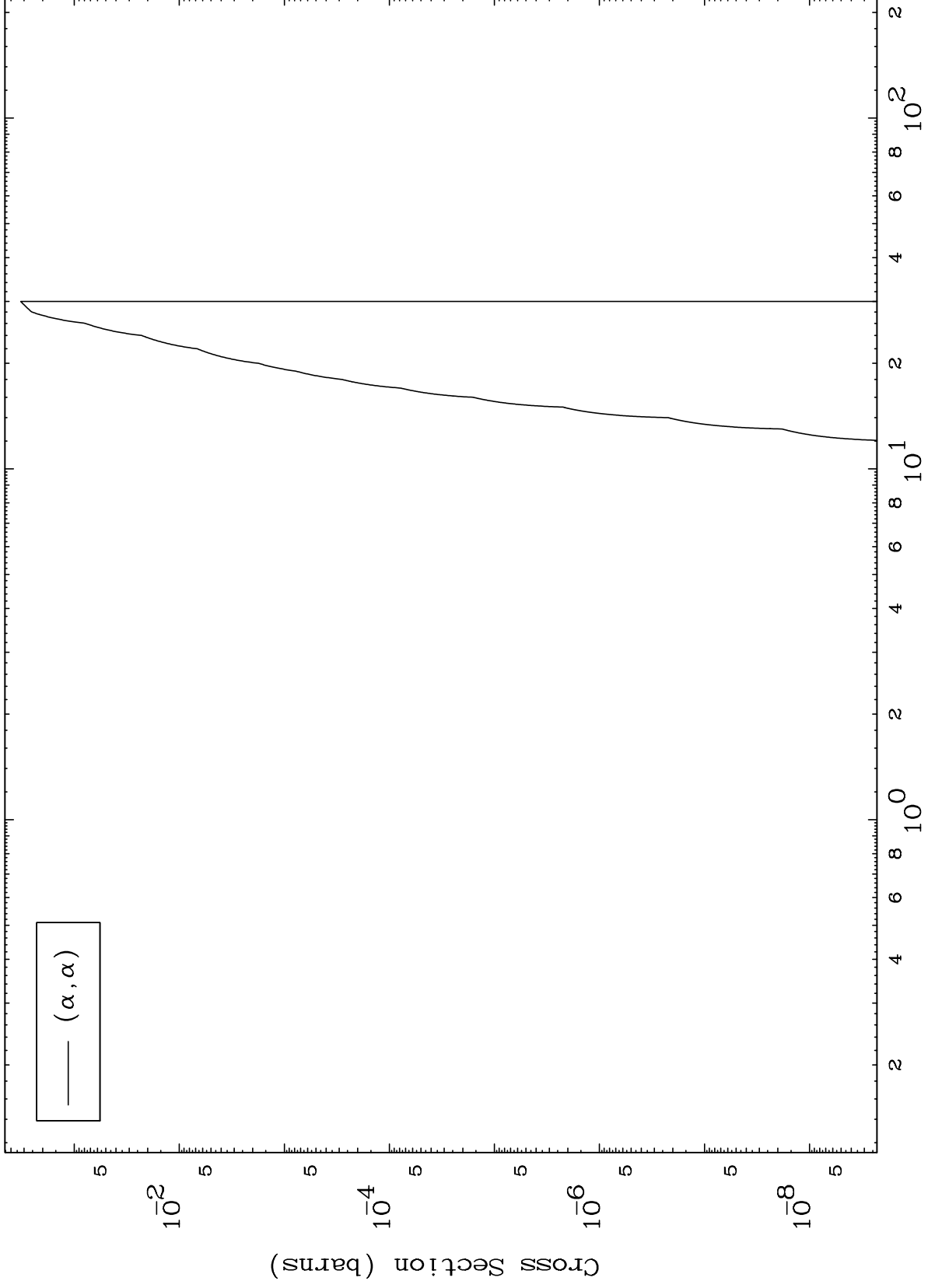
64-Gd-141

MAT 6393

(α, α) Levels

64-Gd-141

0 Kelvin Cross Sections



10

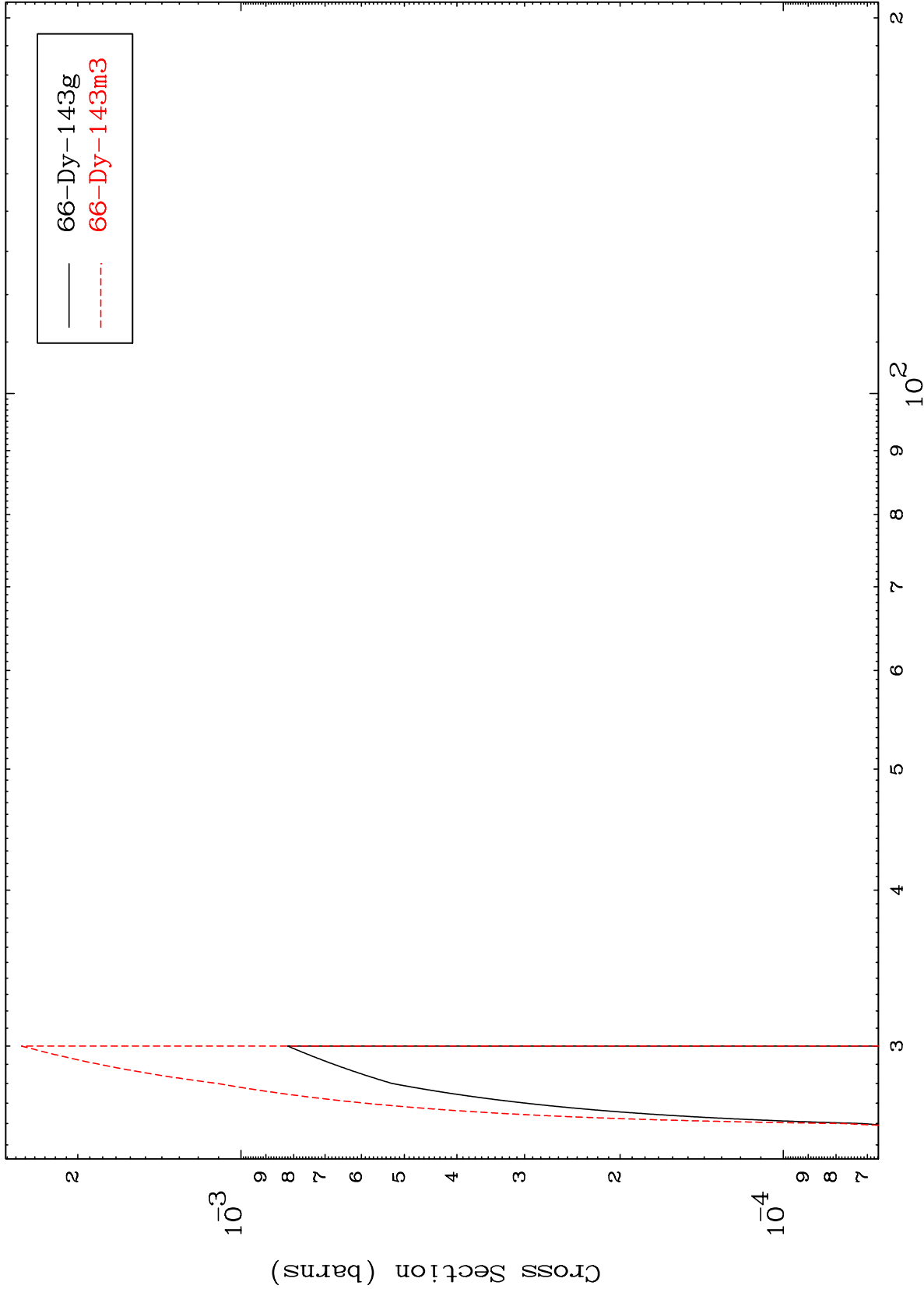
Incident Energy (MeV)

64-Gd-141

MAT 6393

64-Gd-141

($\alpha, 2n$)
Radionuclide Production Cross Section



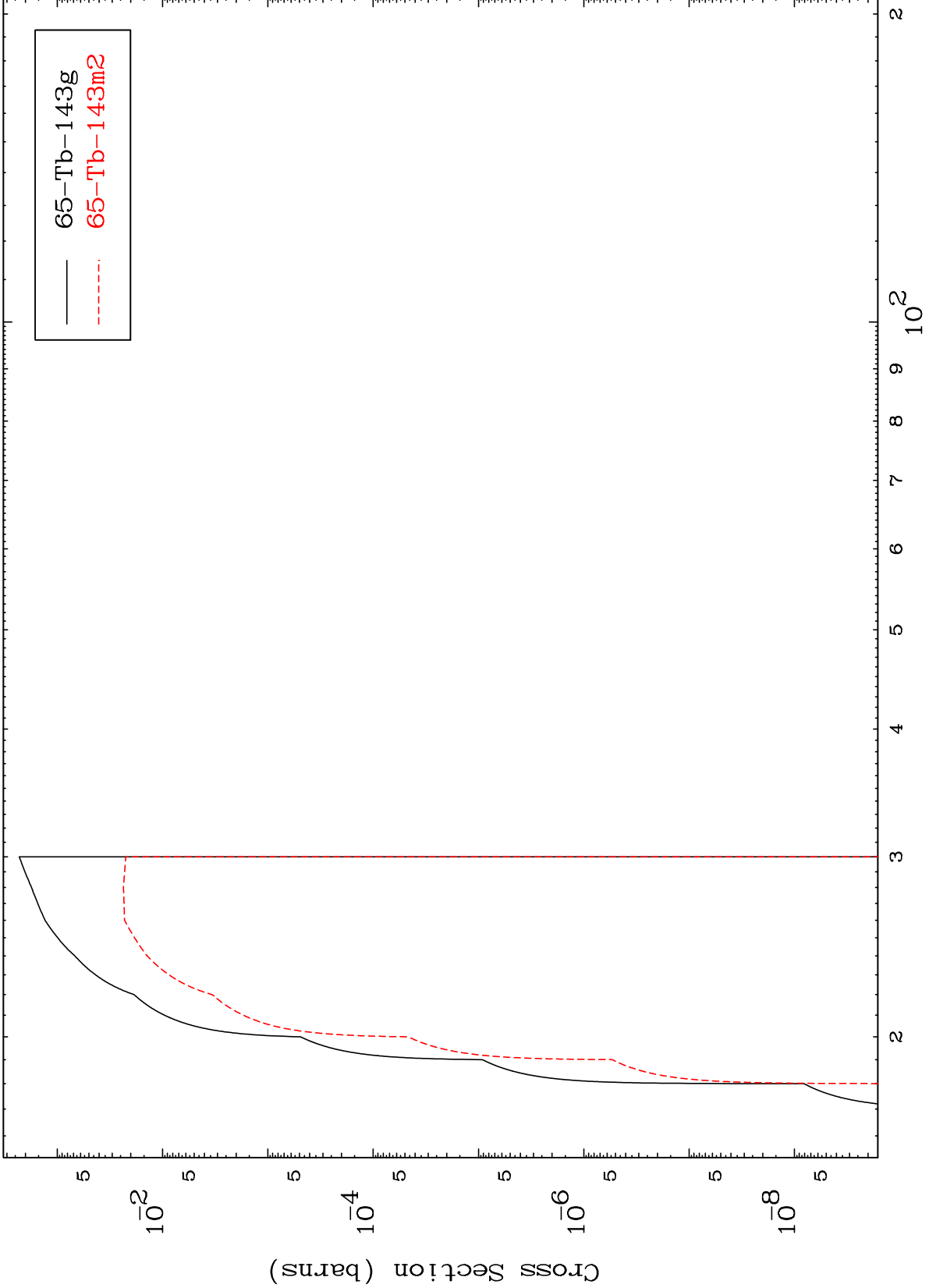
66-Dy-143g
66-Dy-143m3

11

64-Gd-141

Incident Energy (MeV)

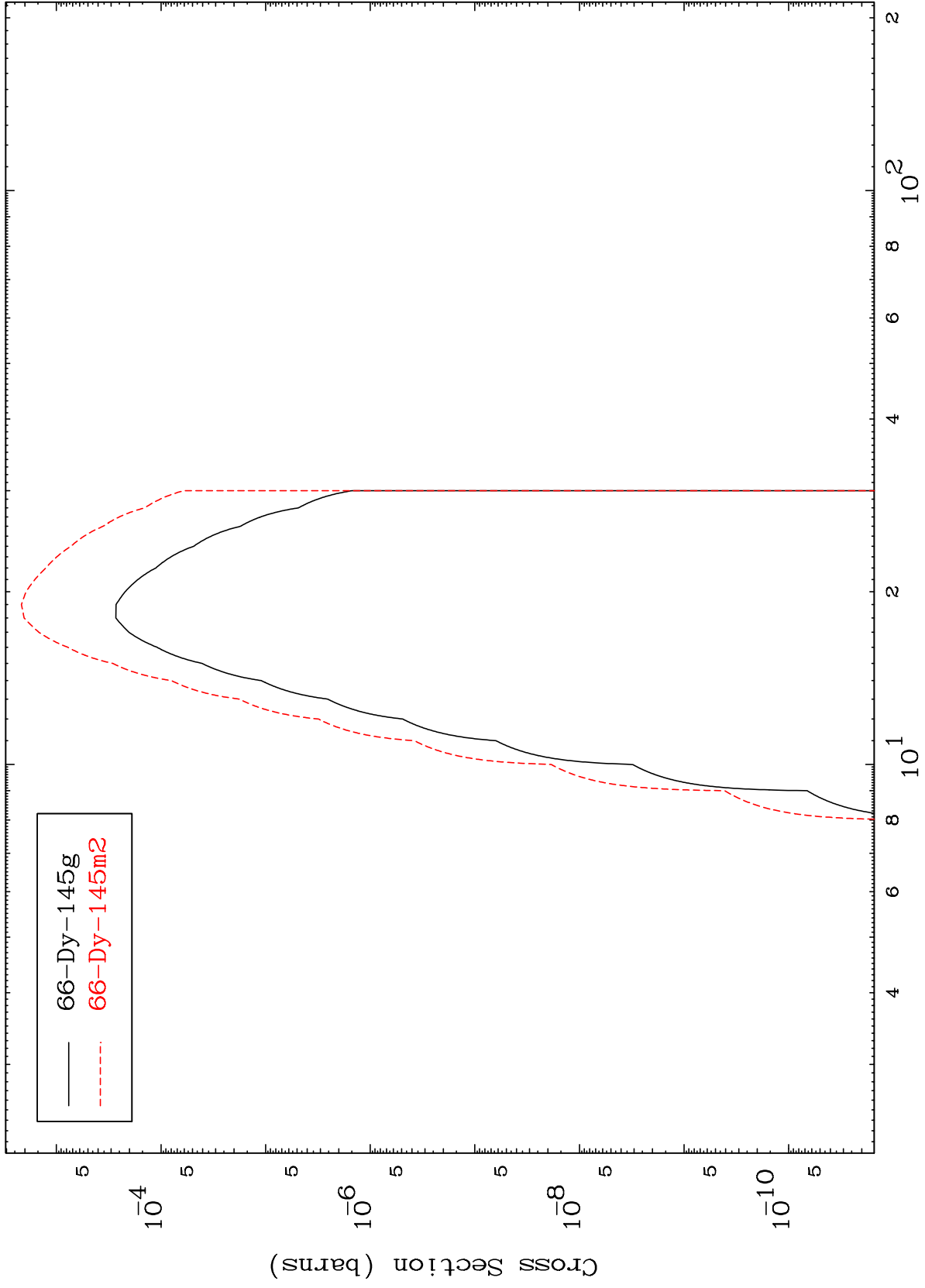
Radionuclide Production Cross Section



MAT 6393

64-Gd-141

(α, γ)
Radionuclide Production Cross Section



13

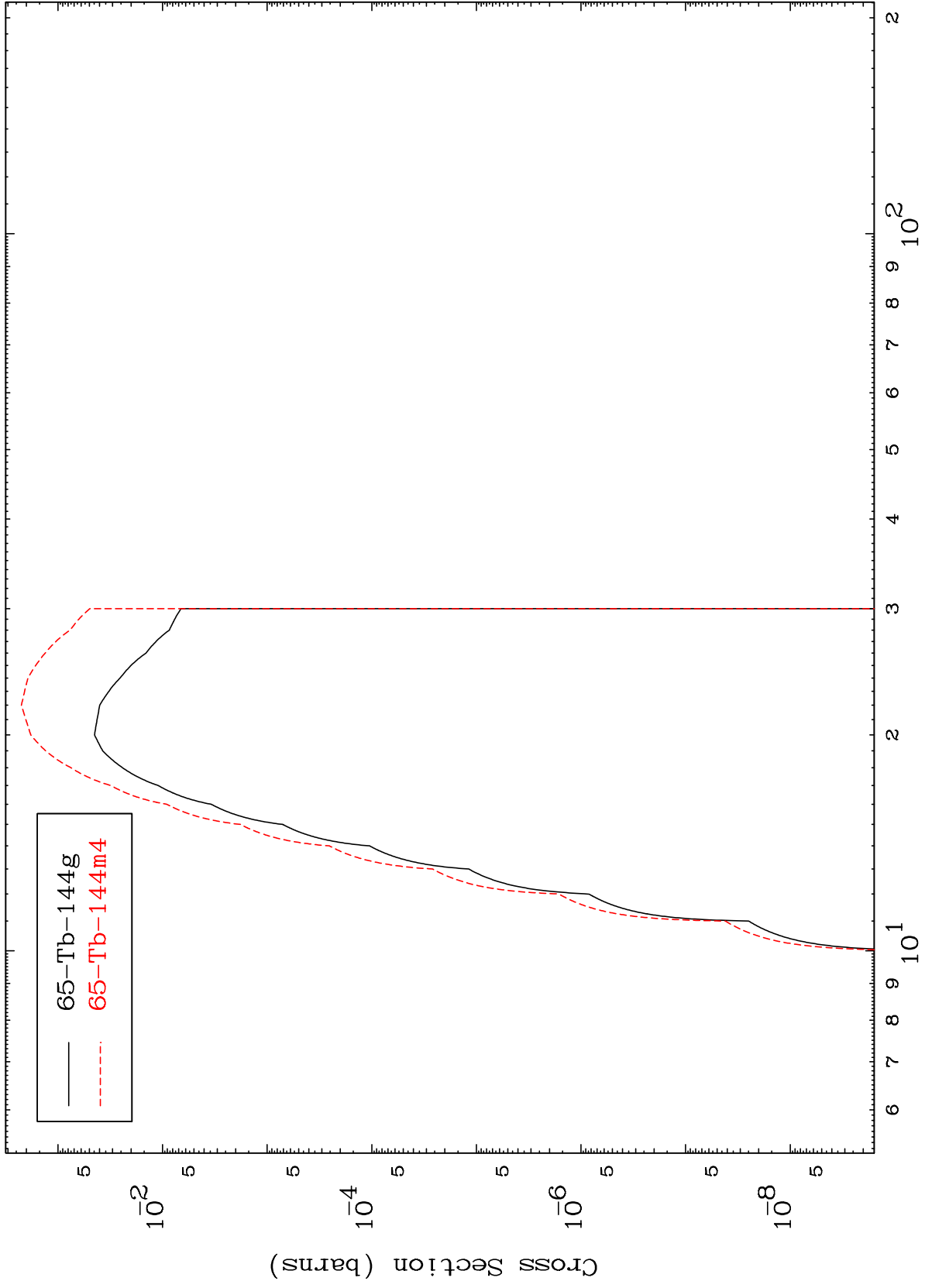
64-Gd-141

Incident Energy (MeV)

MAT 6393

64-Gd-141

(α, p)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

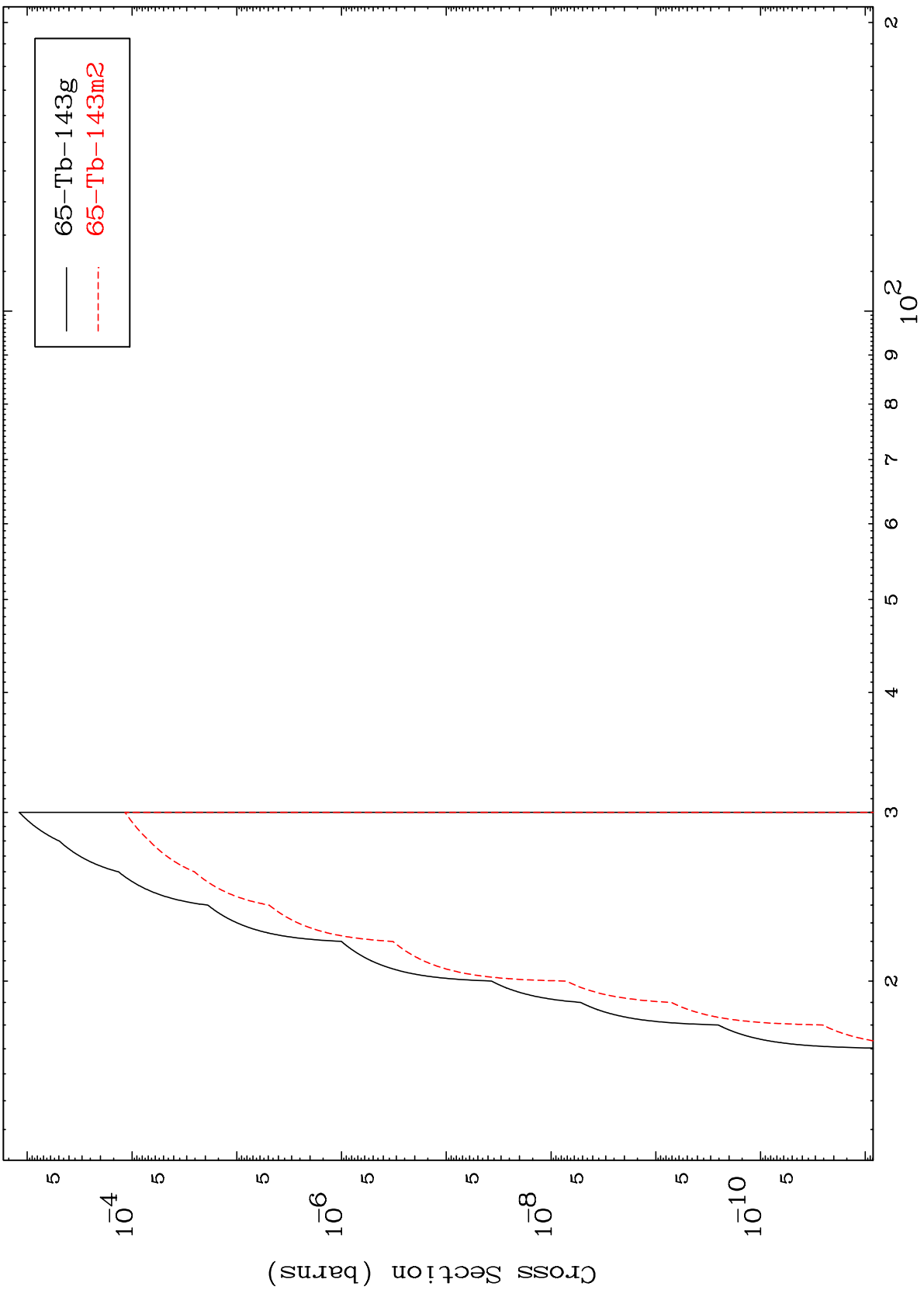
64-Gd-141

MAT 6393

(α, d)

64-Gd-141

Radionuclide Production Cross Section



15

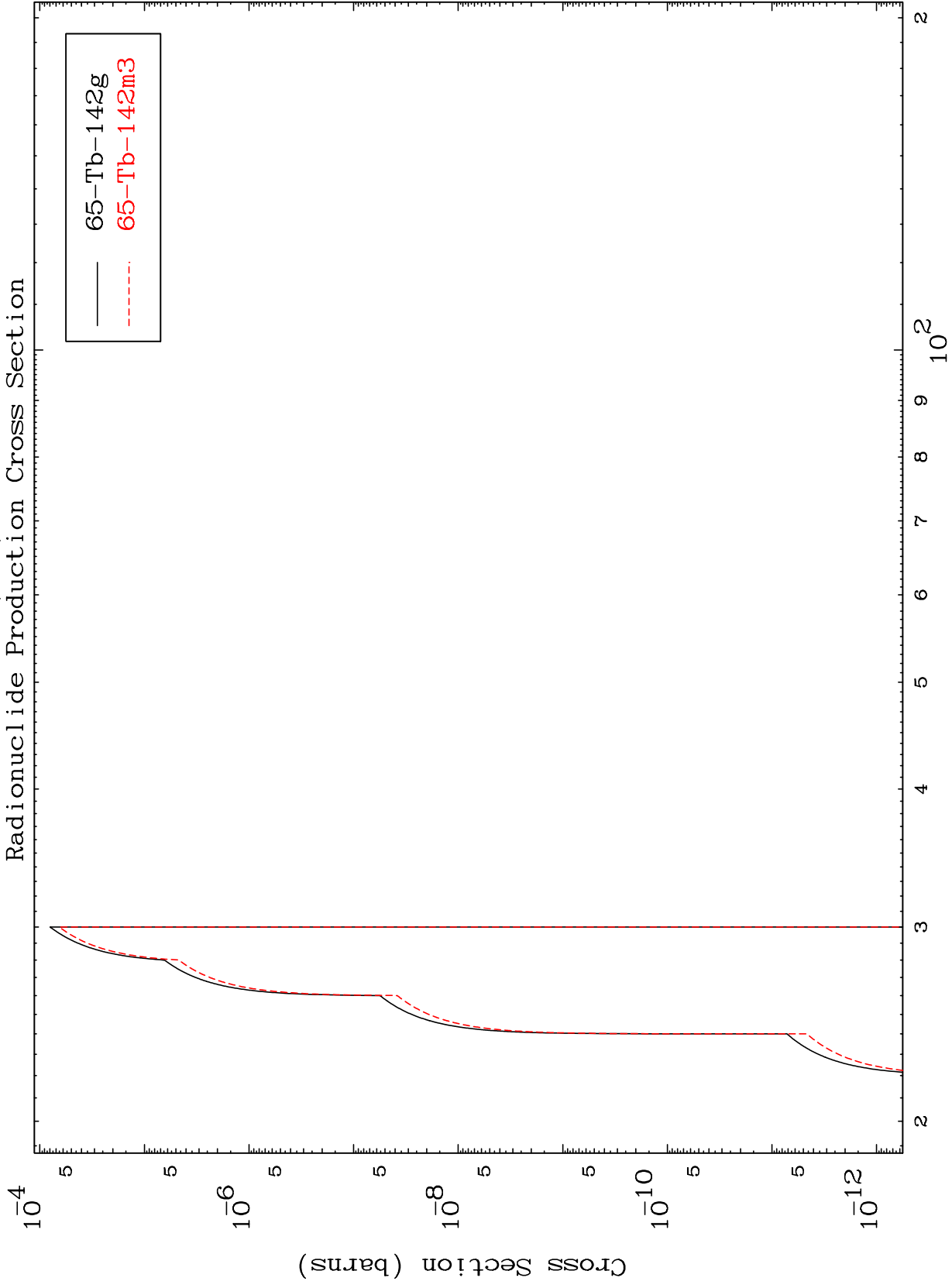
Incident Energy (MeV)

64-Gd-141

MAT 6393

64-Gd-141

(α, t)
Radionuclide Production Cross Section



64-Gd-141

Incident Energy (MeV)

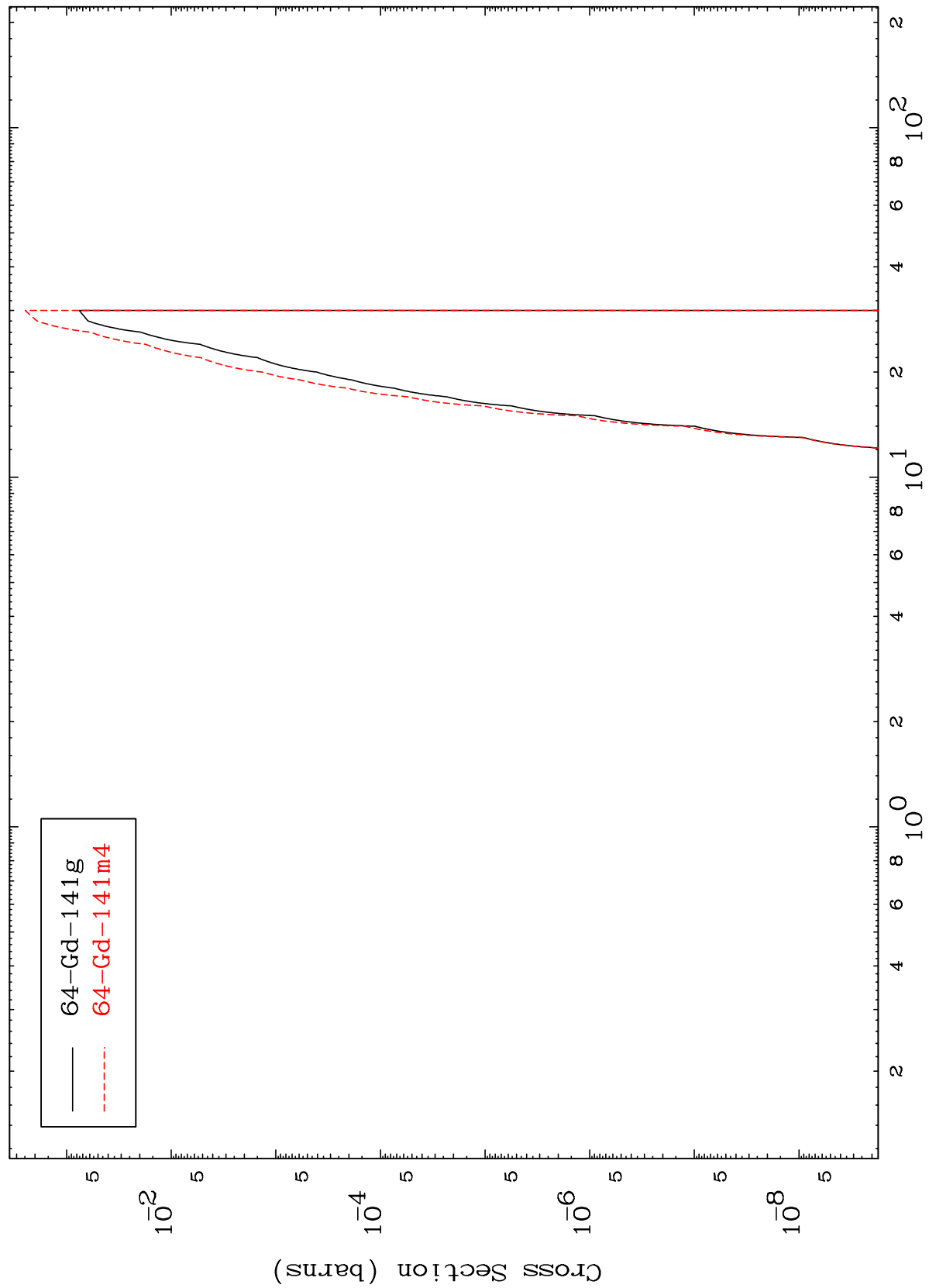
16

MAT 6393

(α, α)

64-Gd-141

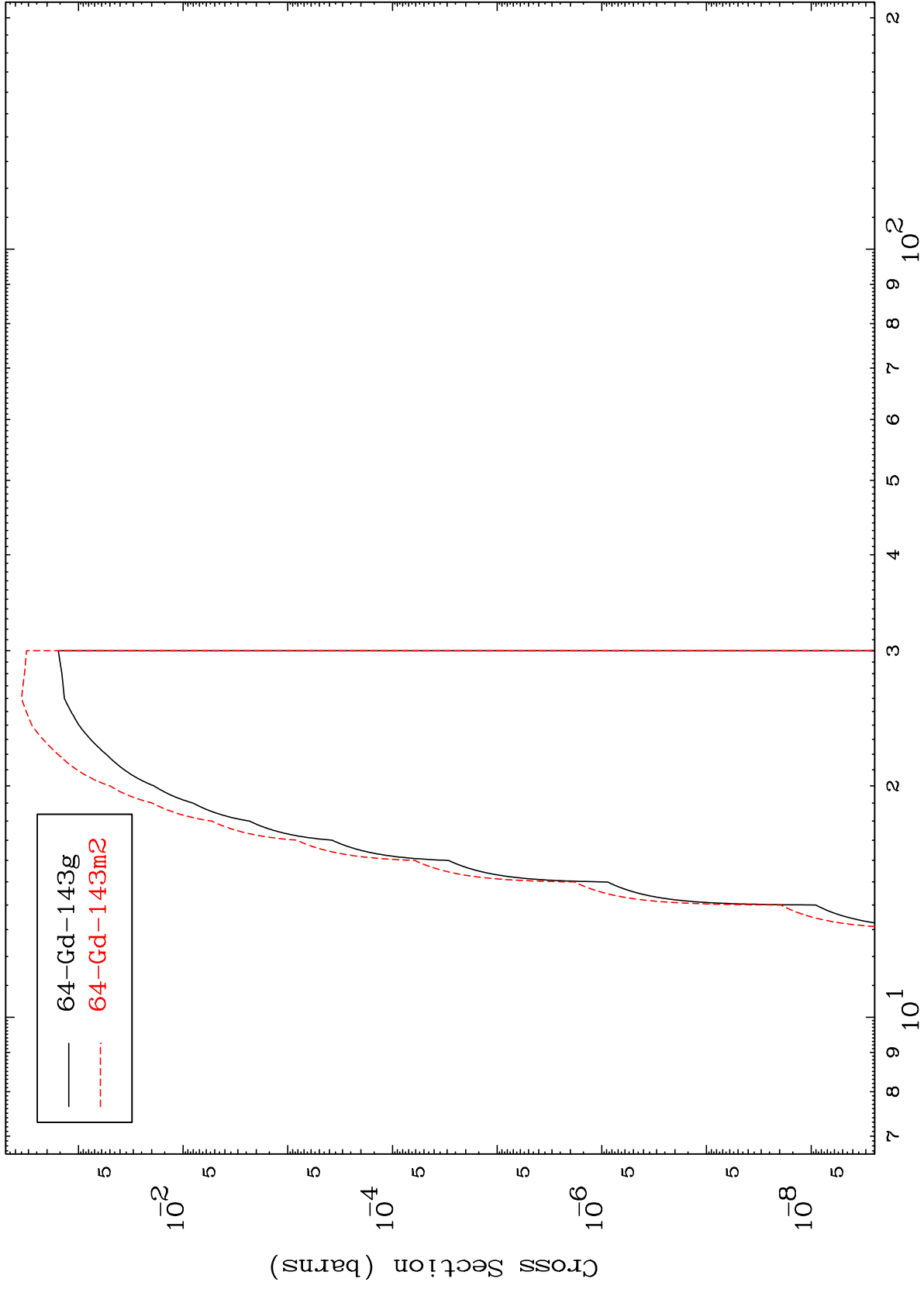
Radionuclide Production Cross Section



MAT 6393

64-Gd-141

Radionuclide Production Cross Section
($\alpha, 2p$)



18

Incident Energy (MeV)

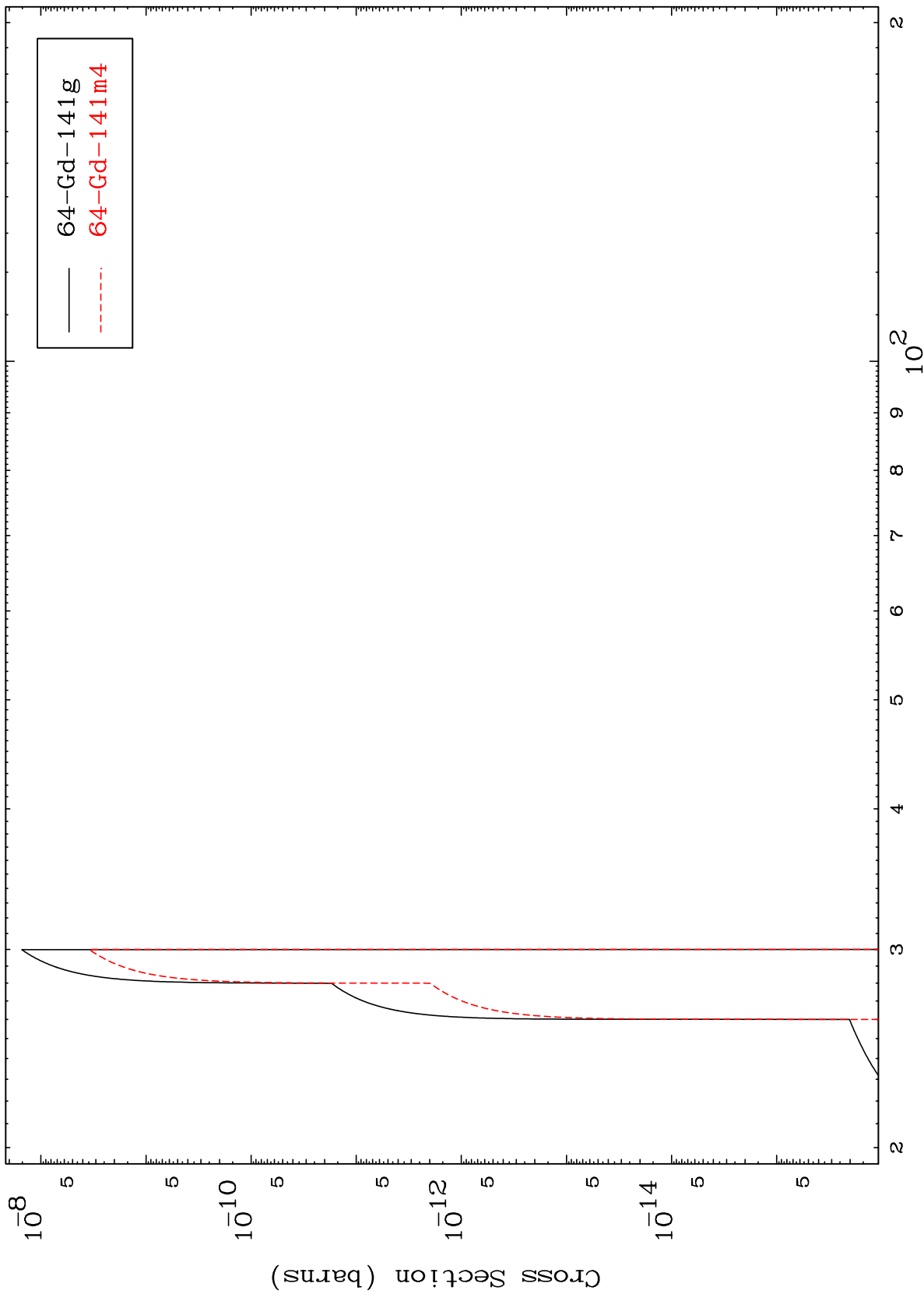
64-Gd-141

MAT 6393

(α, p) t

64-Gd-141

Radionuclide Production Cross Section



19

Incident Energy (MeV)

64-Gd-141