

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

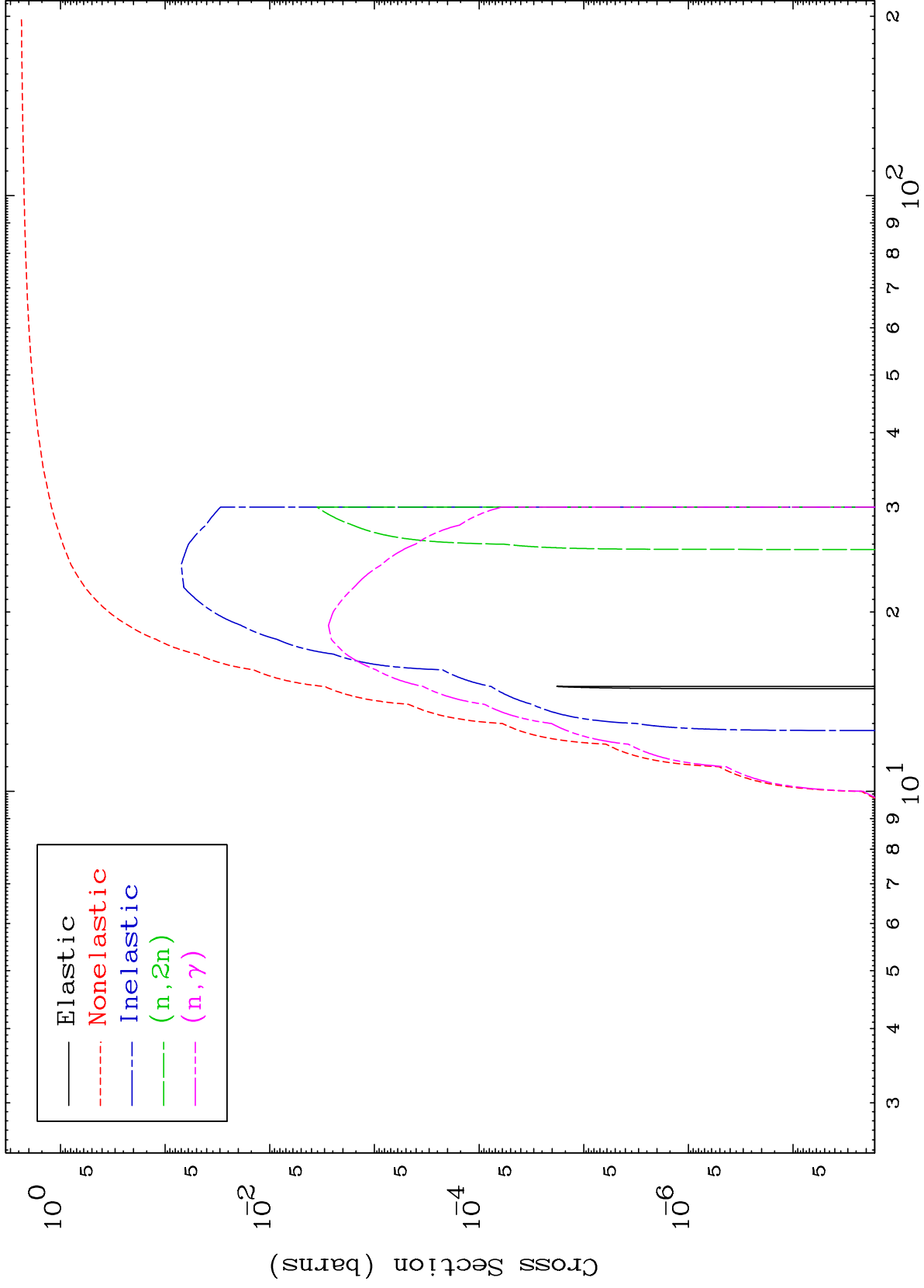
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Livermore, CA 94550
U.S.A.

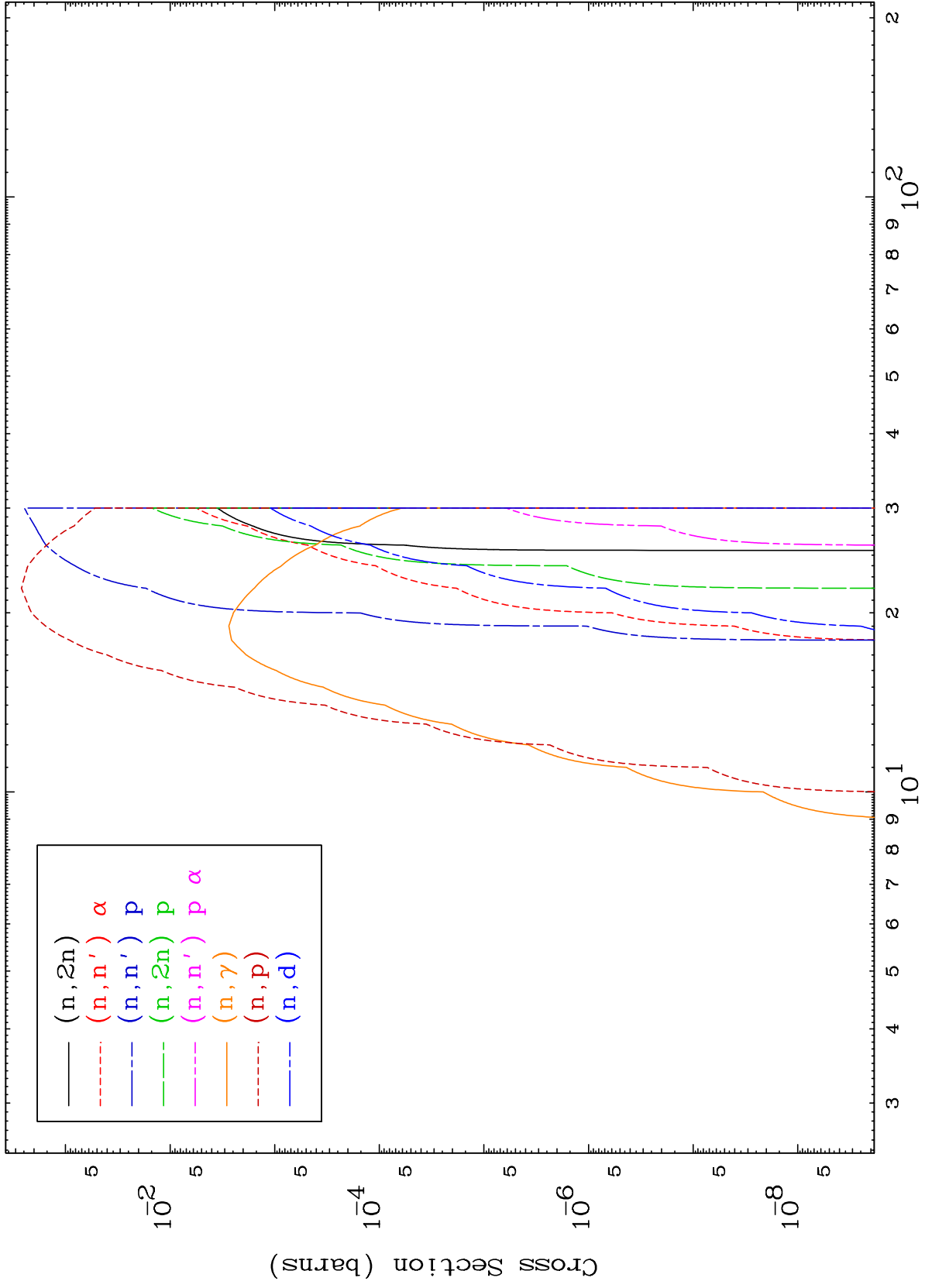
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

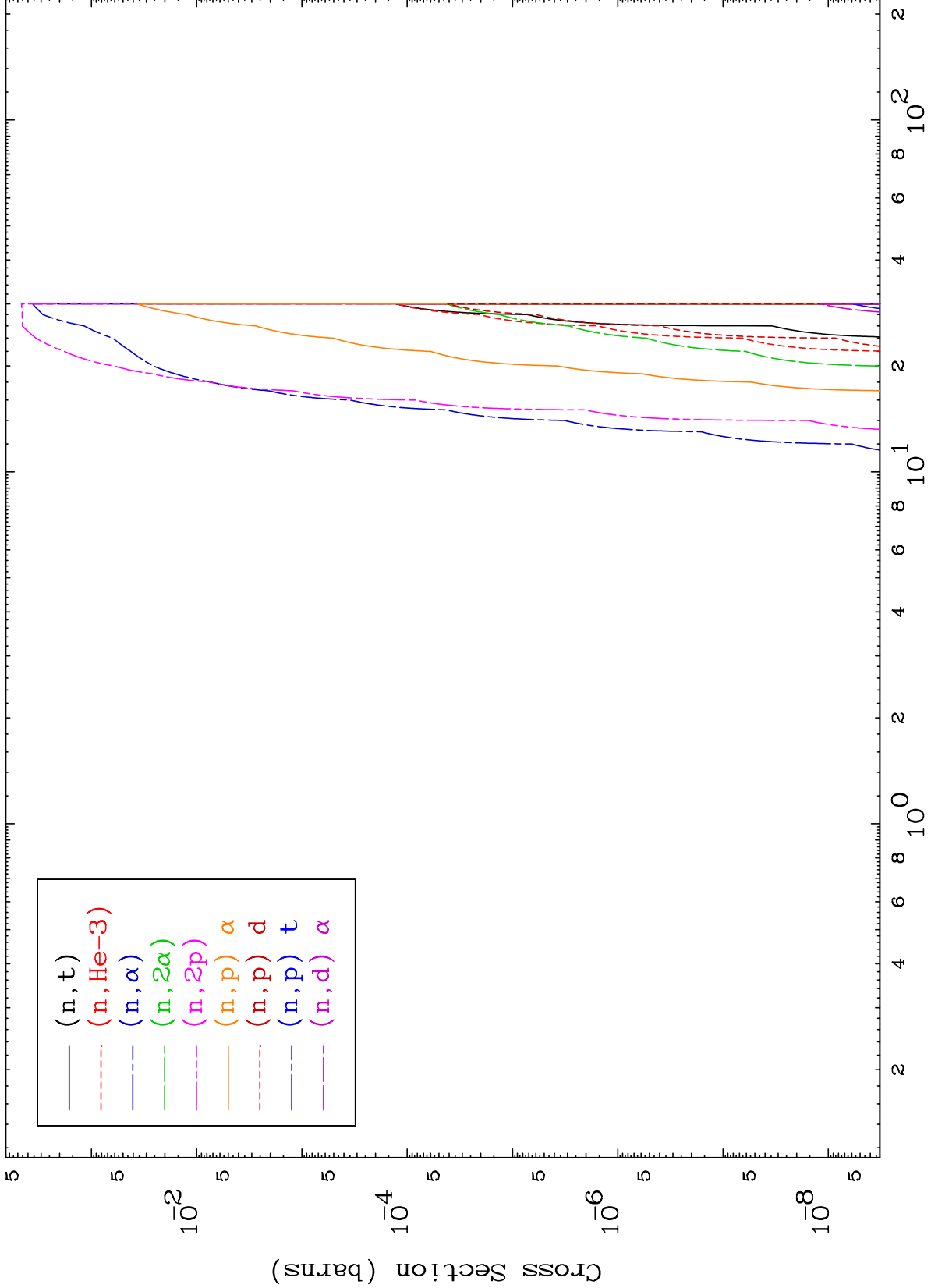


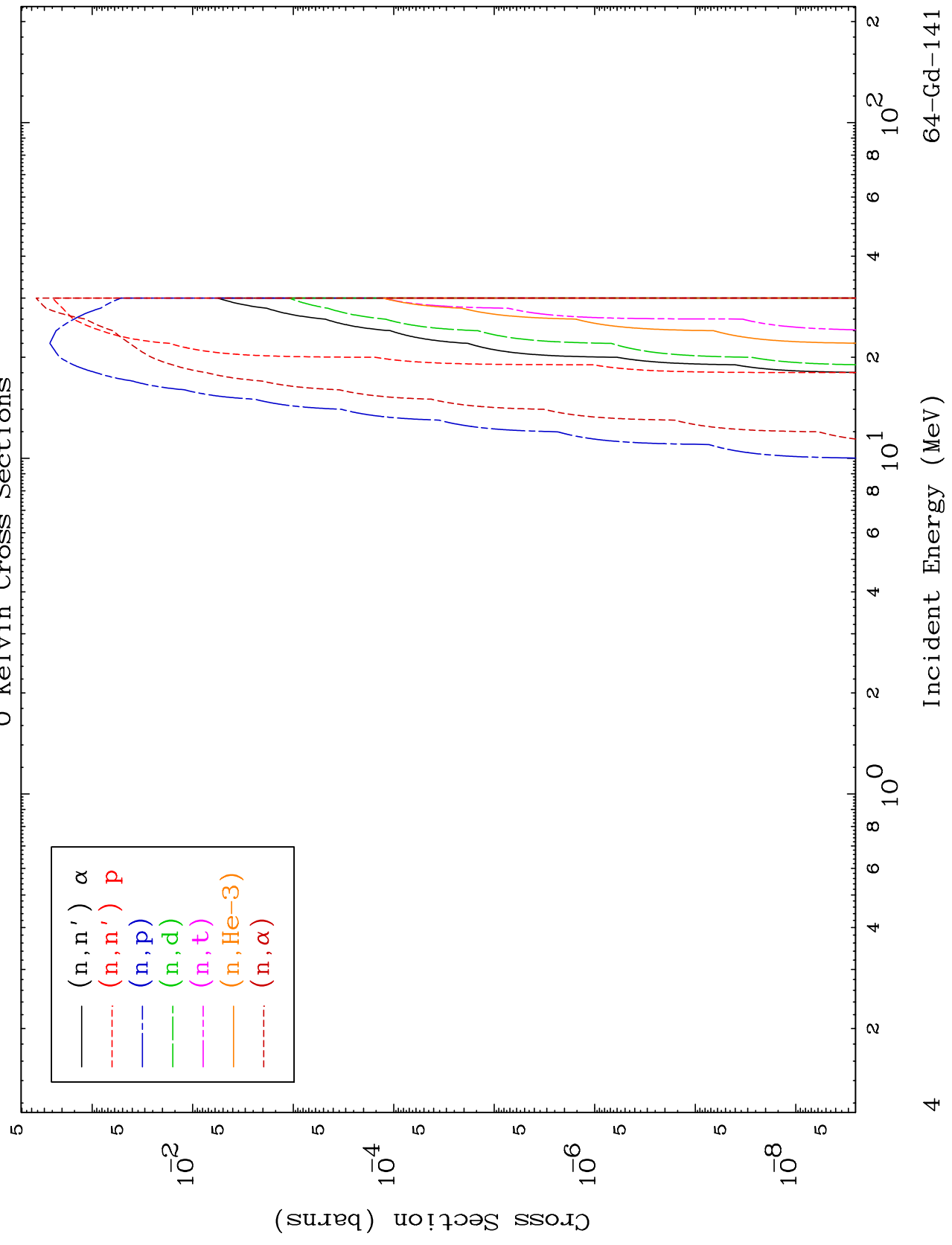


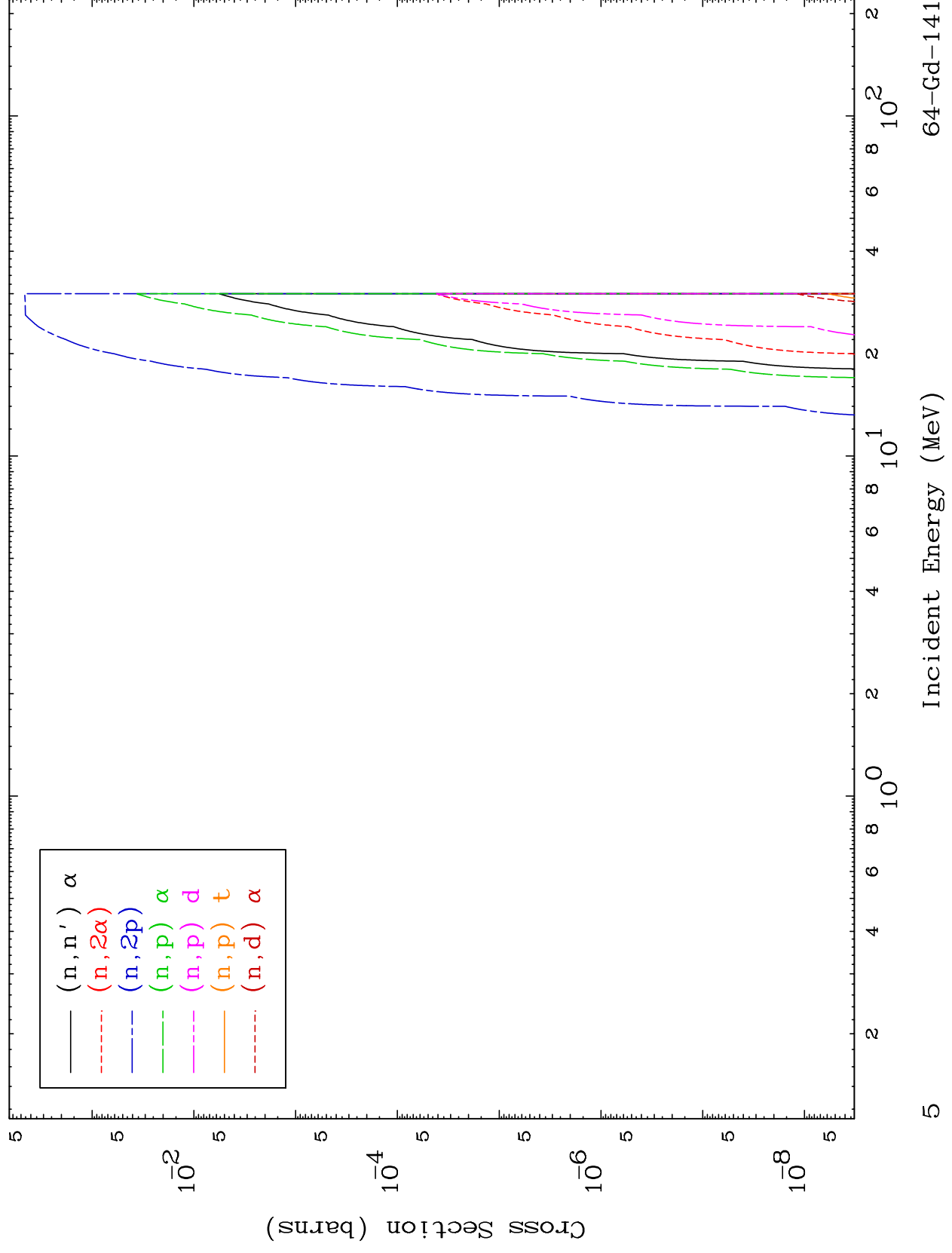
MAT 6392

α Neutron Absorption
0 Kelvin Cross Sections

64-Gd-141



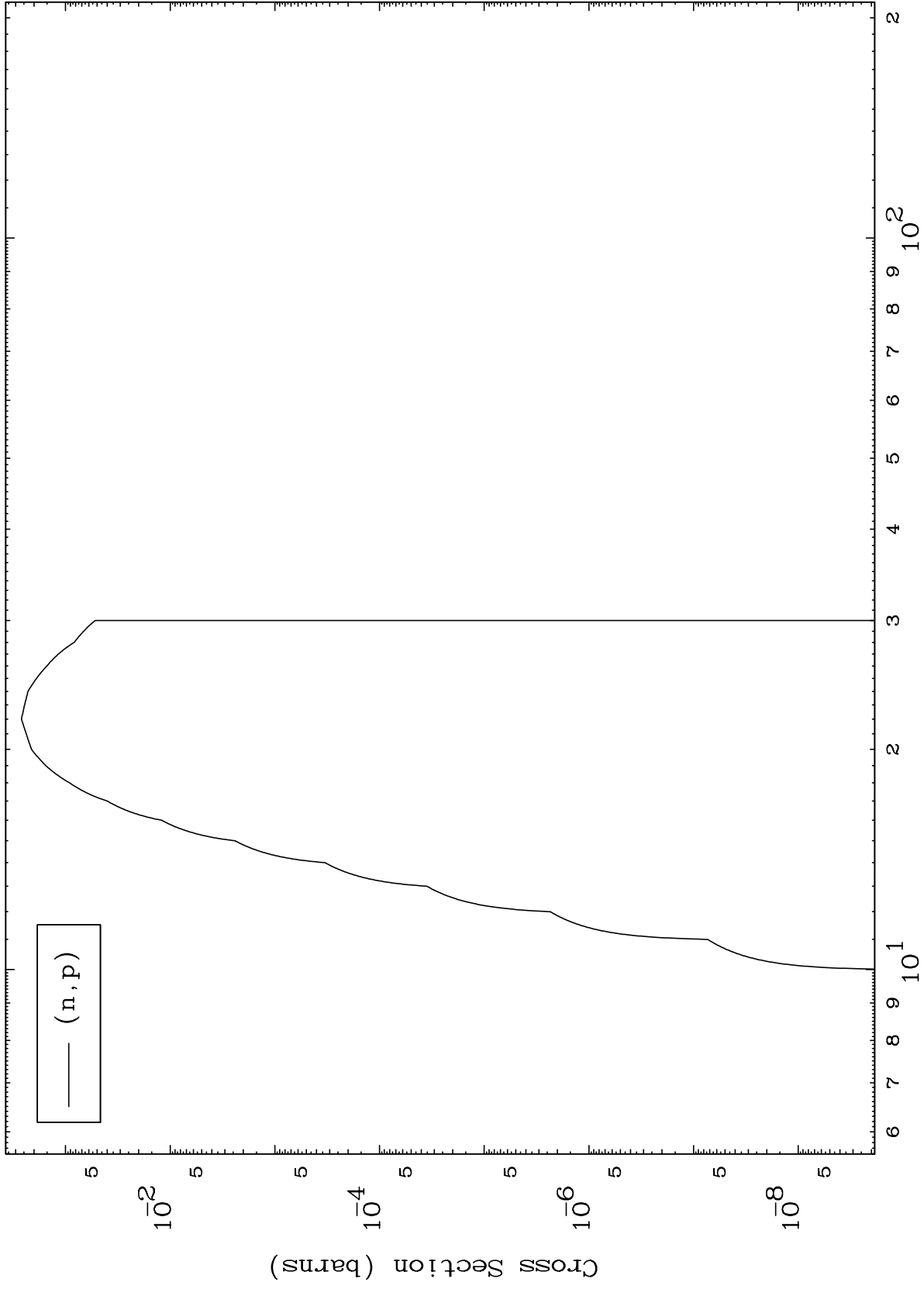




MAT 6392

64-Gd-141

(α, p) Levels
0 Kelvin Cross Sections



64-Gd-141

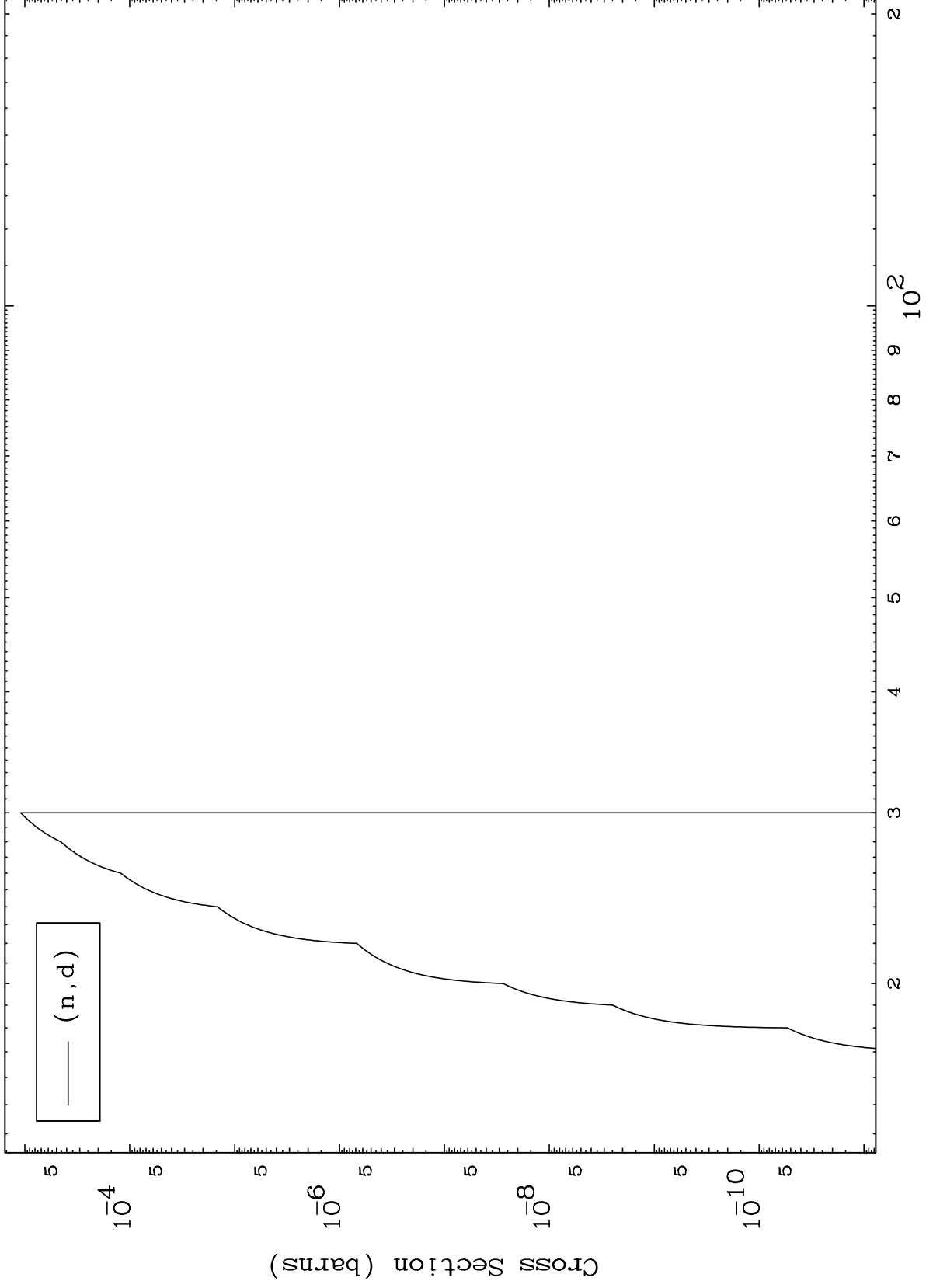
Incident Energy (MeV)

6

MAT 6392

(α, d) Levels
0 Kelvin Cross Sections

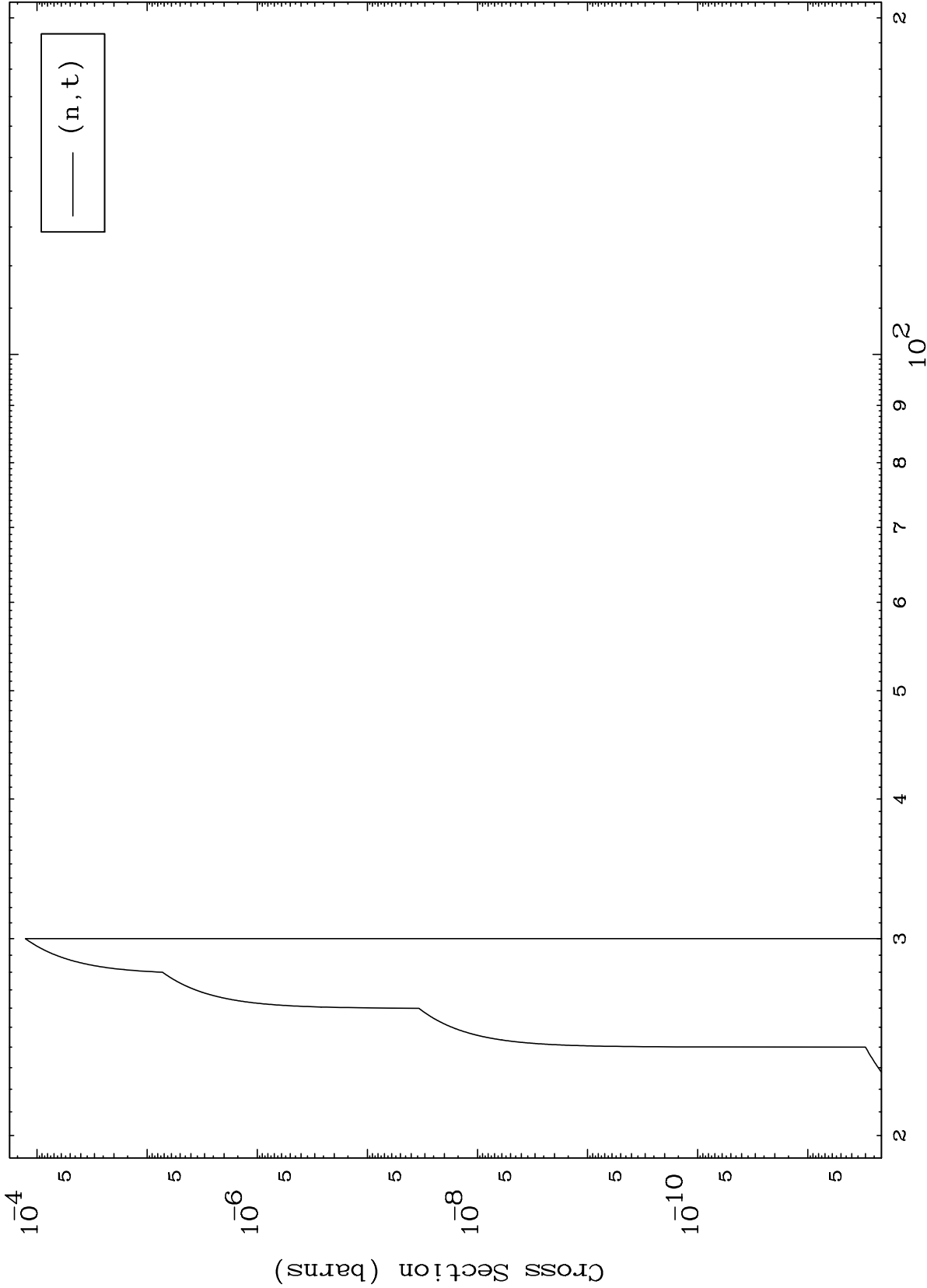
64-Gd-141



MAT 6392

64-Gd-141

(α, t) Levels
0 Kelvin Cross Sections



64-Gd-141

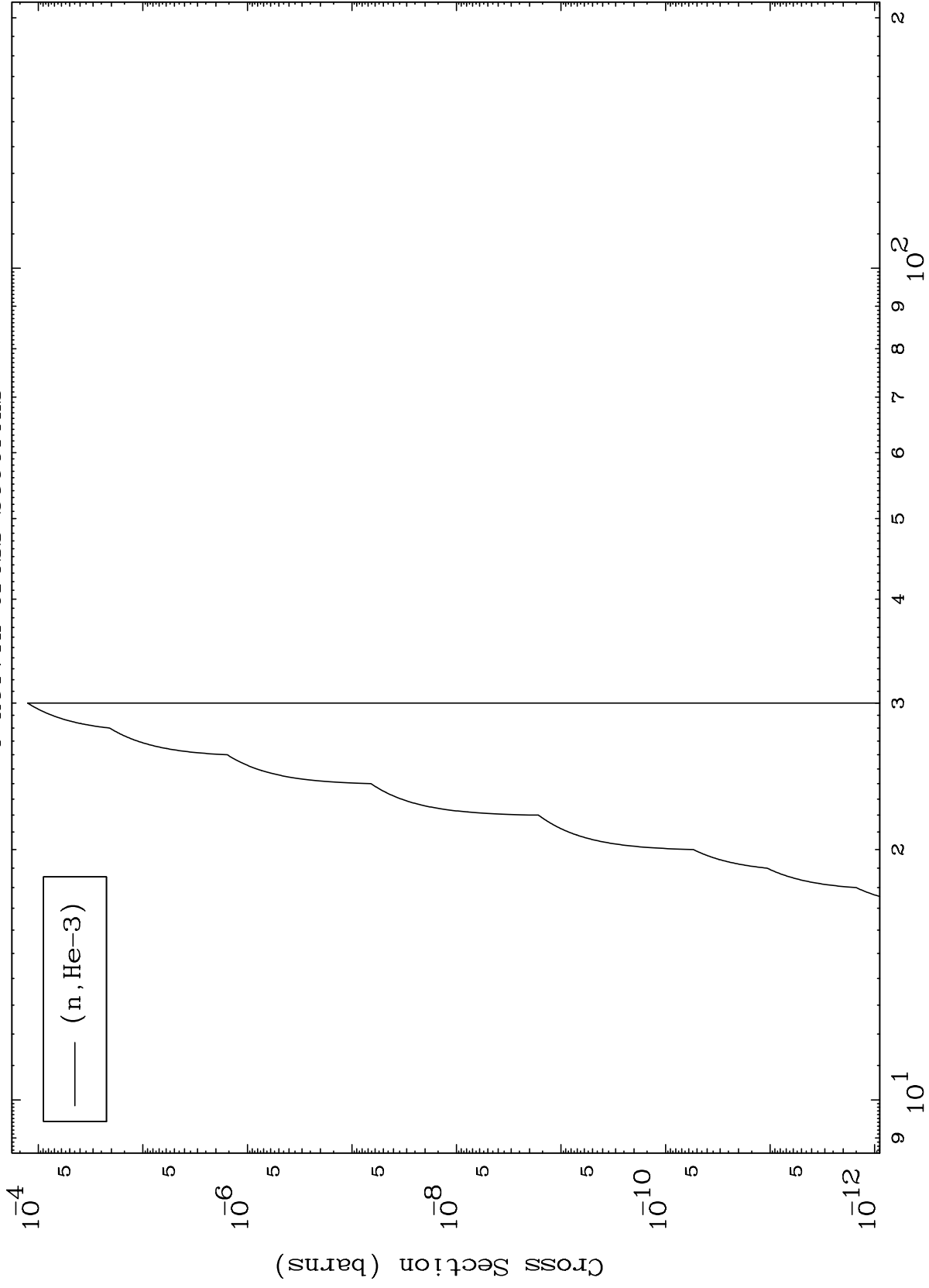
Incident Energy (MeV)

8

MAT 6392

64-Gd-141

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

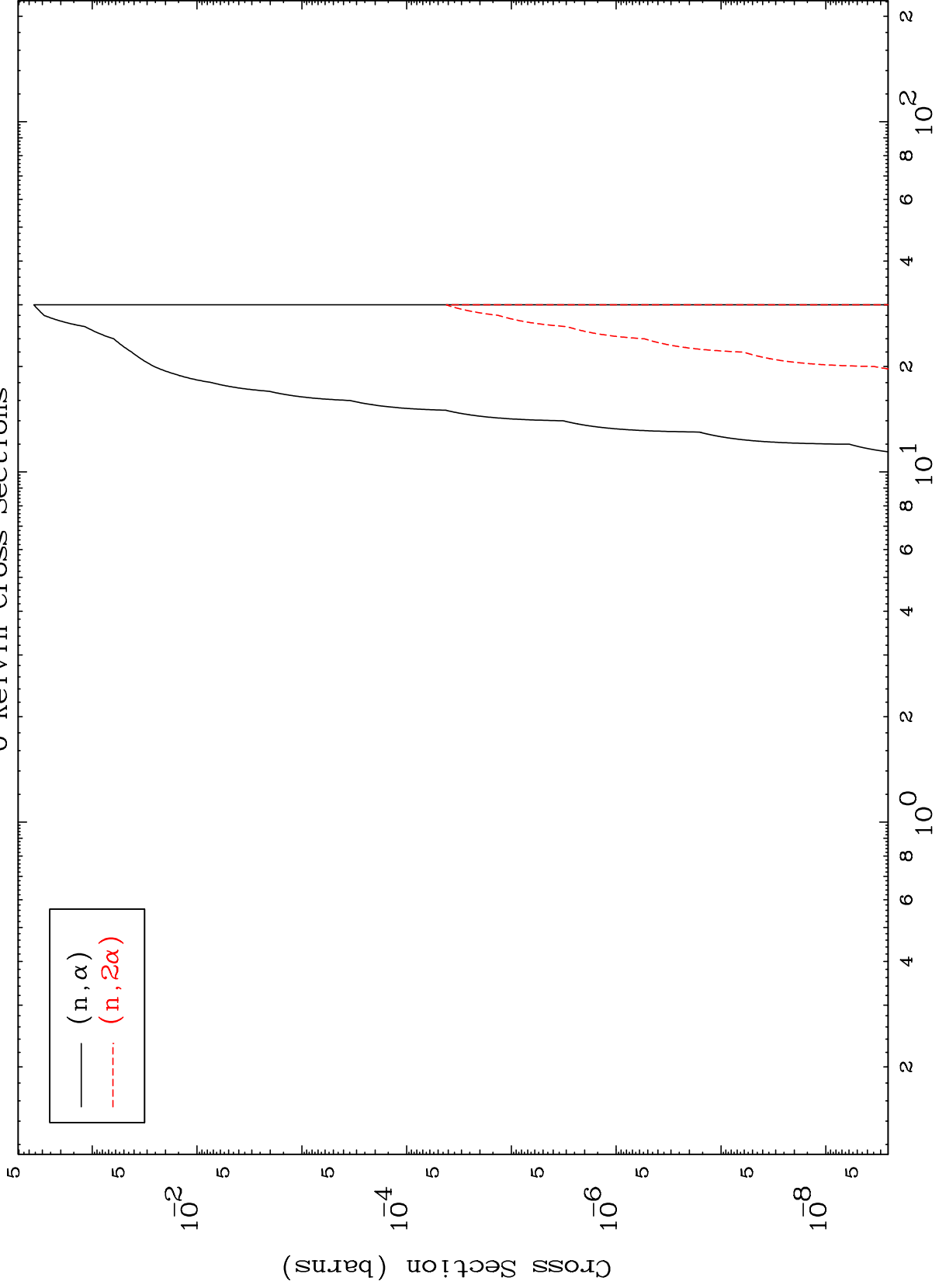
64-Gd-141

MAT 6392

(α, α) Levels

64-Gd-141

0 Kelvin Cross Sections



10

Incident Energy (MeV)

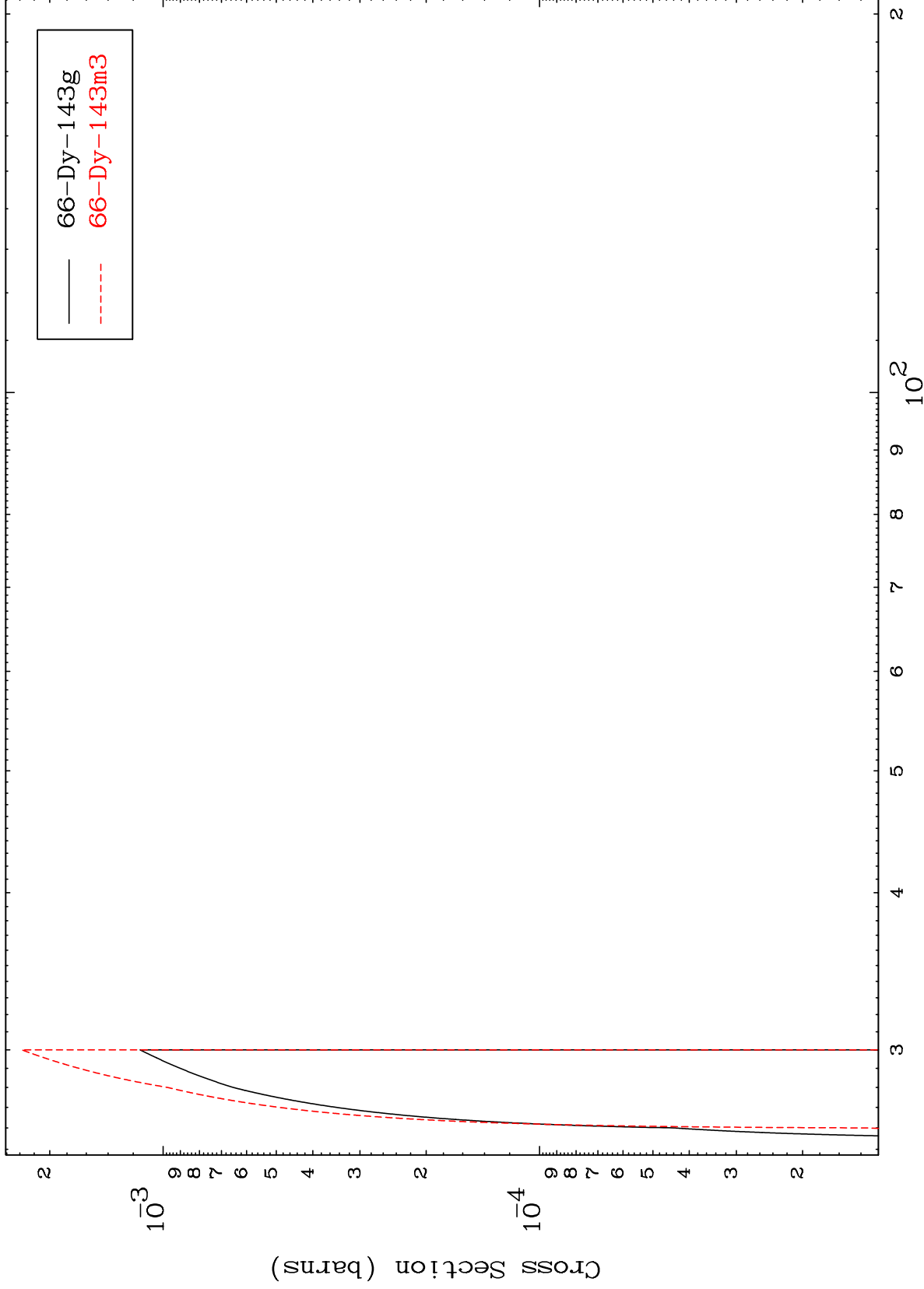
64-Gd-141

MAT 6392

(n,2n)

64-Gd-141

Radionuclide Production Cross Section

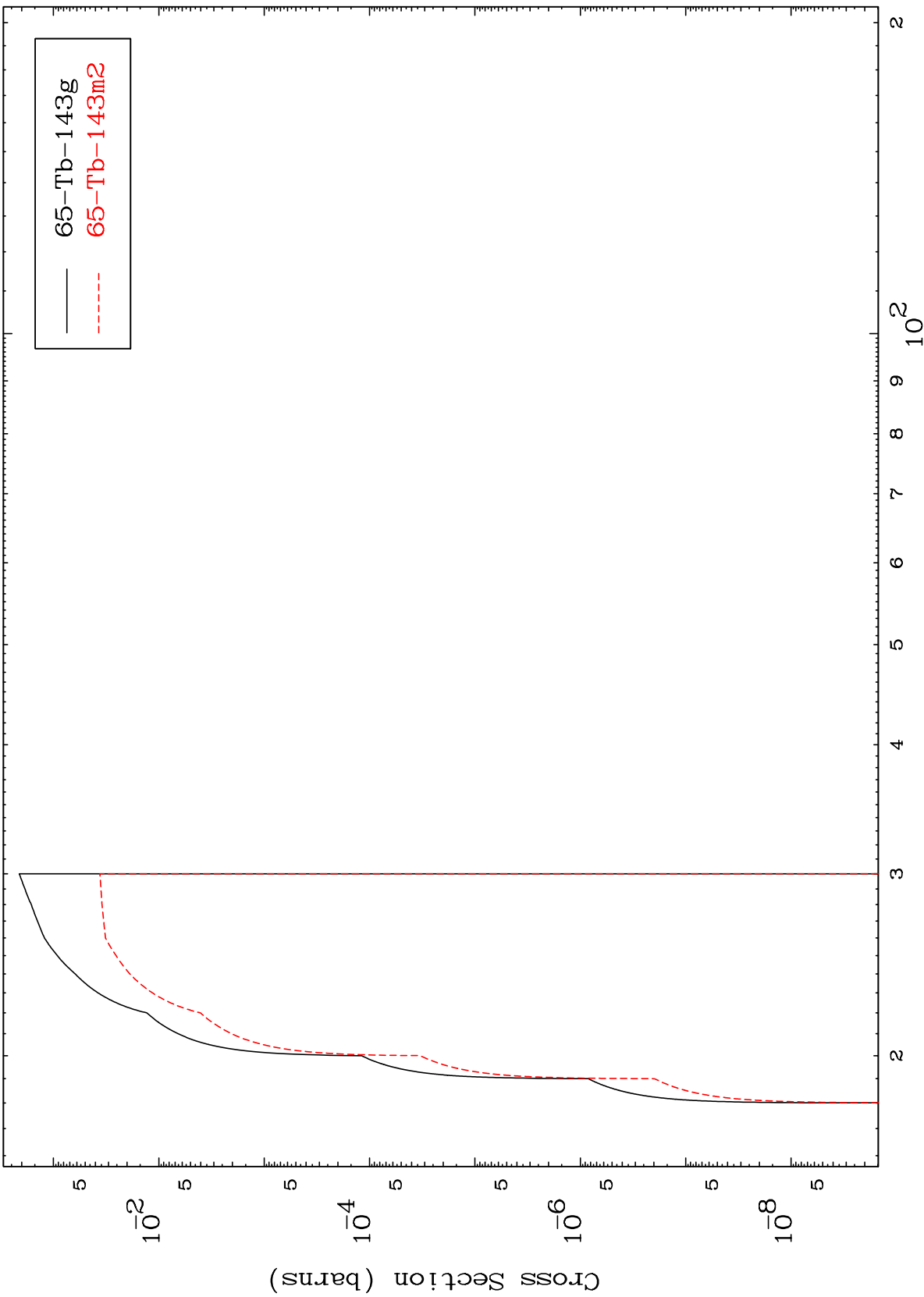


11

Incident Energy (MeV)

64-Gd-141

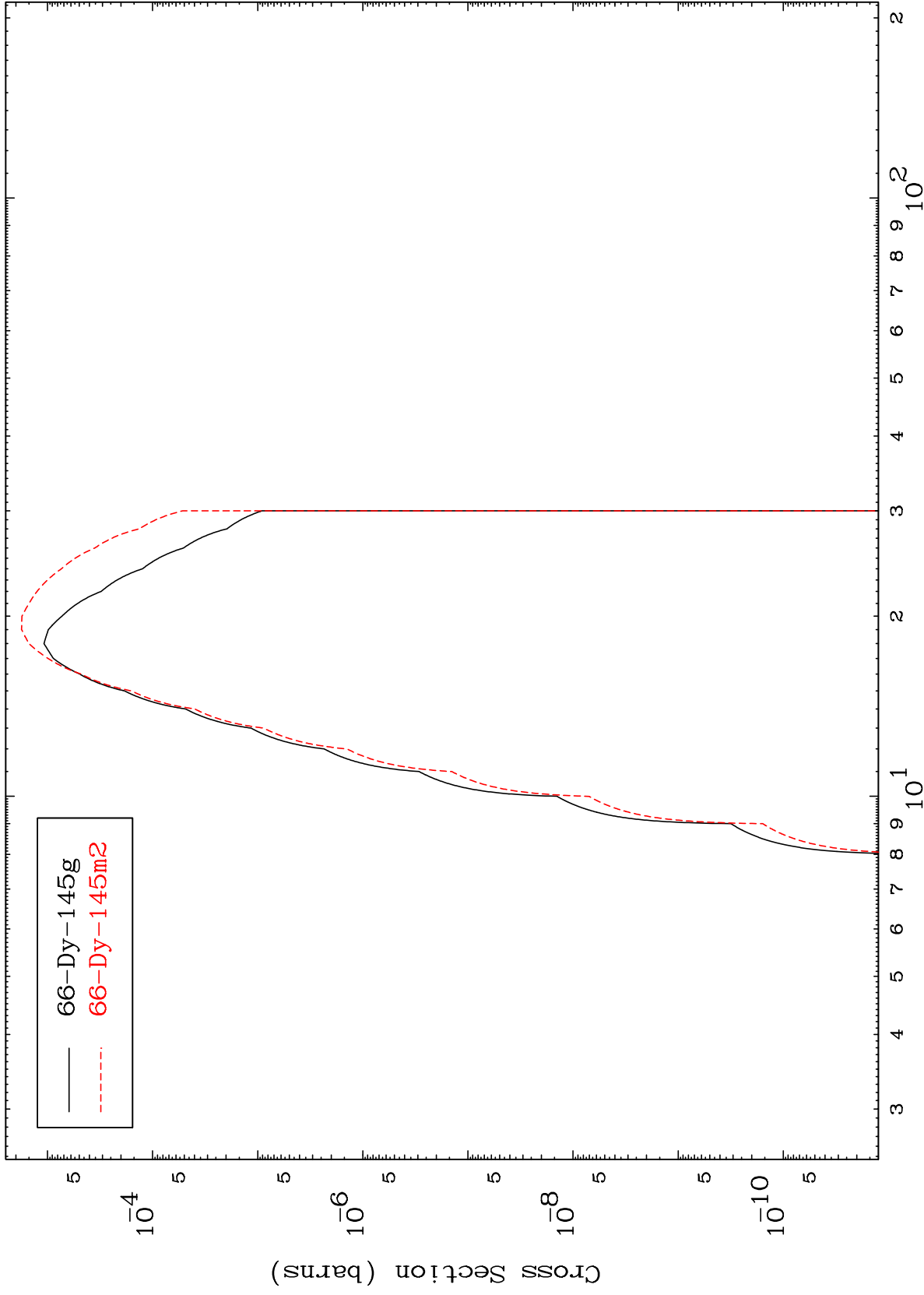
Radionuclide Production Cross Section



MAT 6392

64-Gd-141

(n,γ)
Radionuclide Production Cross Section



13

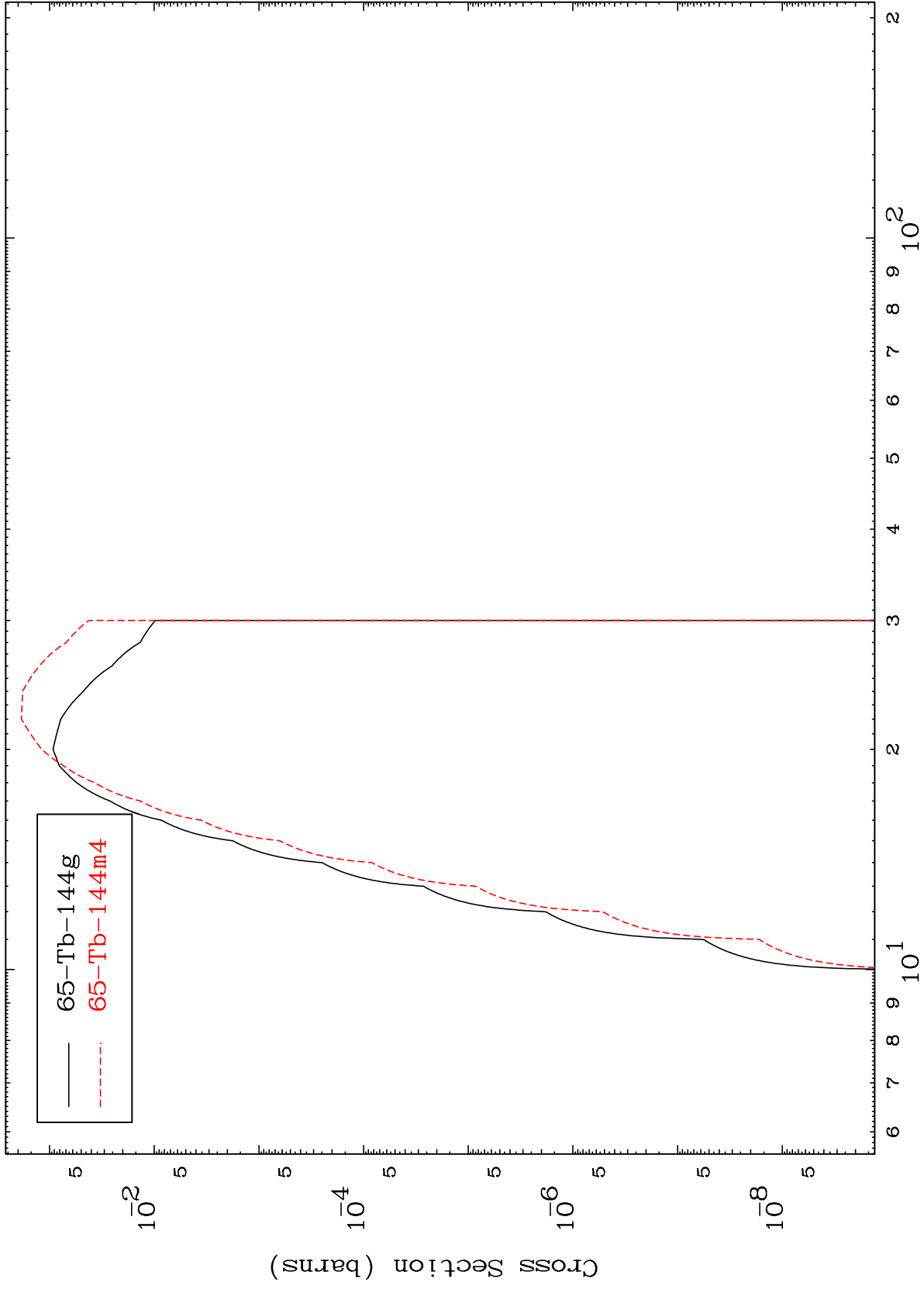
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

(n,p)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

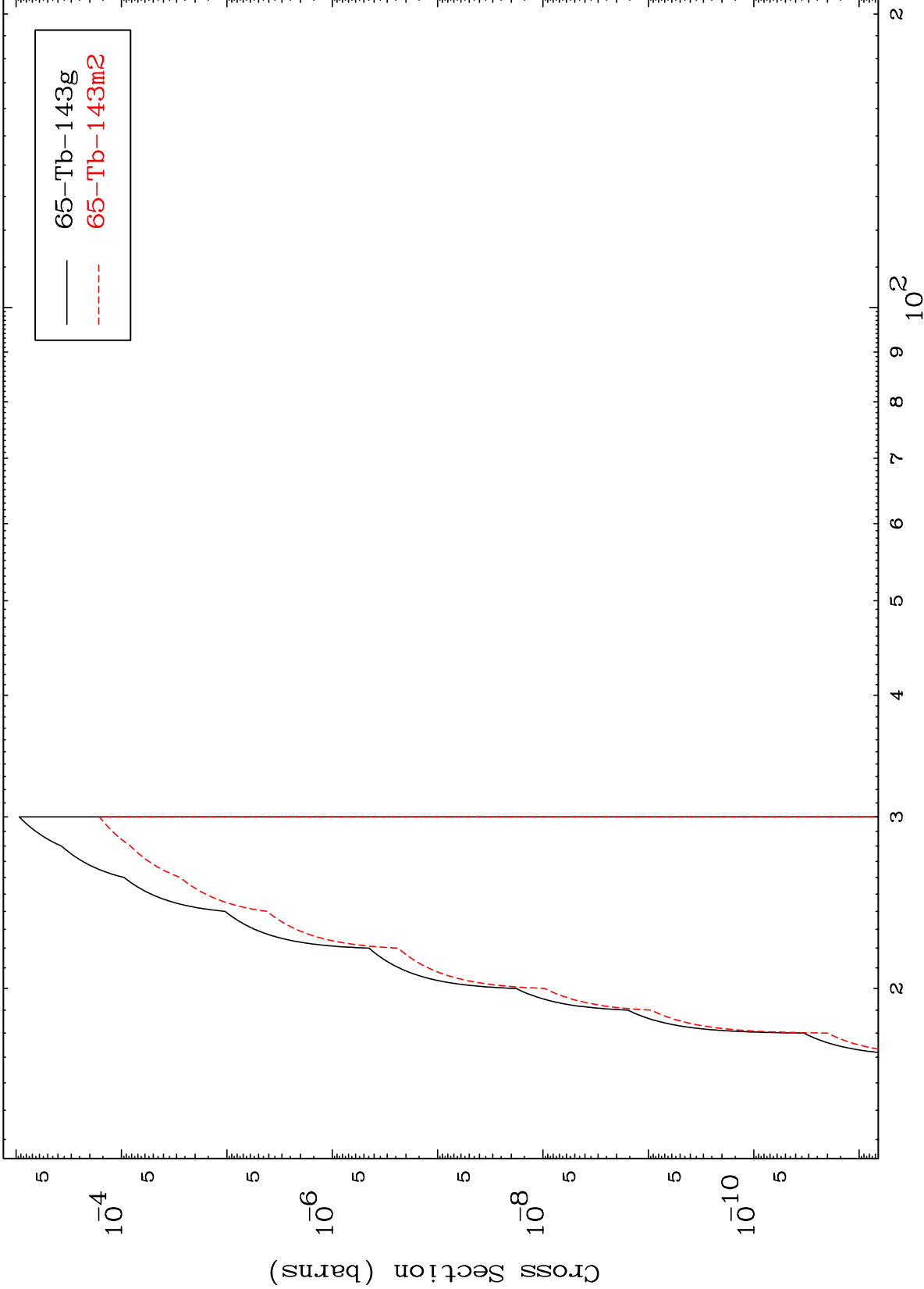
64-Gd-141

MAT 6392

(n,d)

64-Gd-141

Radionuclide Production Cross Section



15

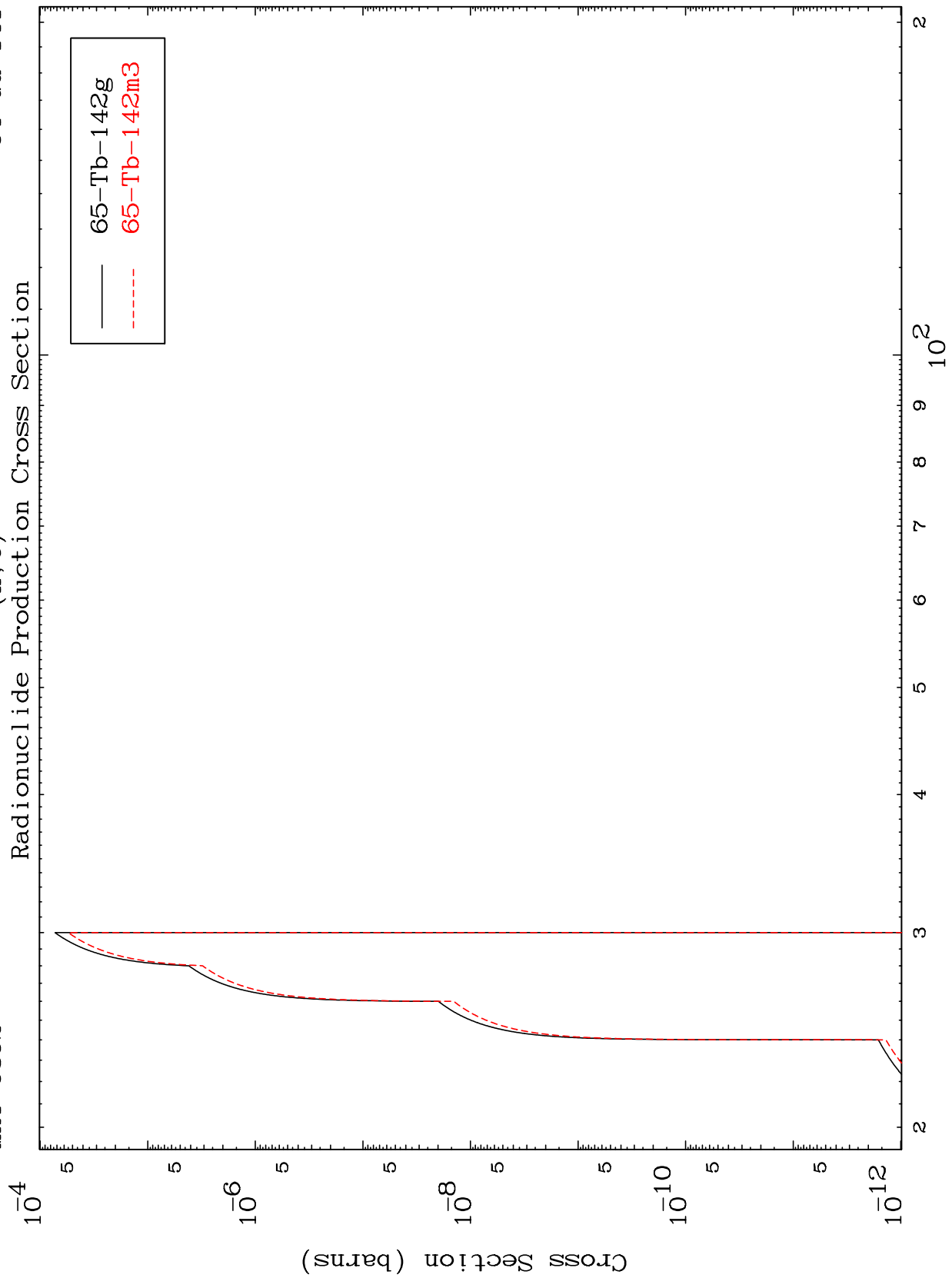
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

(n, t)
Radionuclide Production Cross Section



16

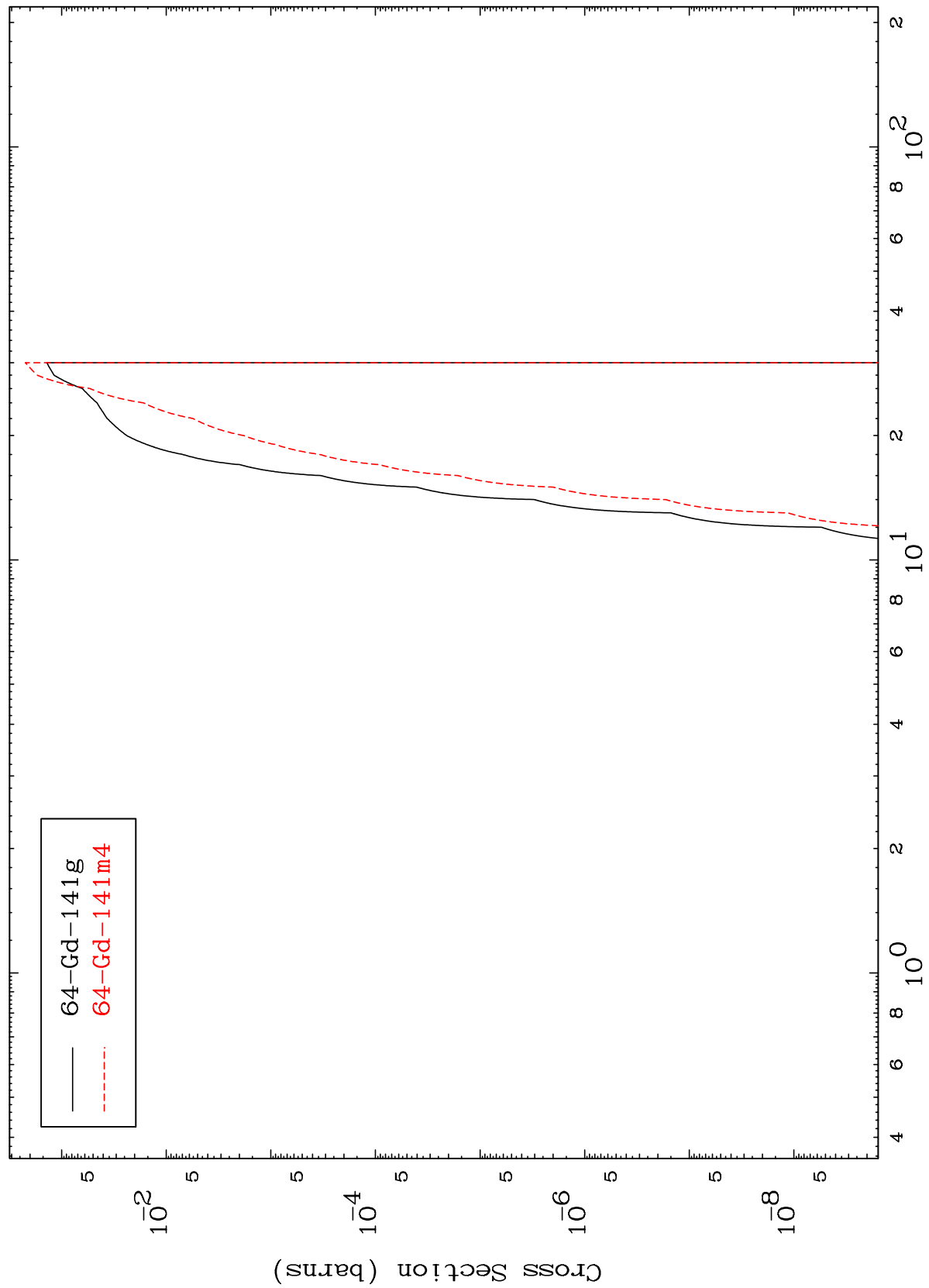
64-Gd-141

Incident Energy (MeV)

MAT 6392

64-Gd-141

Radionuclide Production Cross Section
(n, α)



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

64-Gd-141

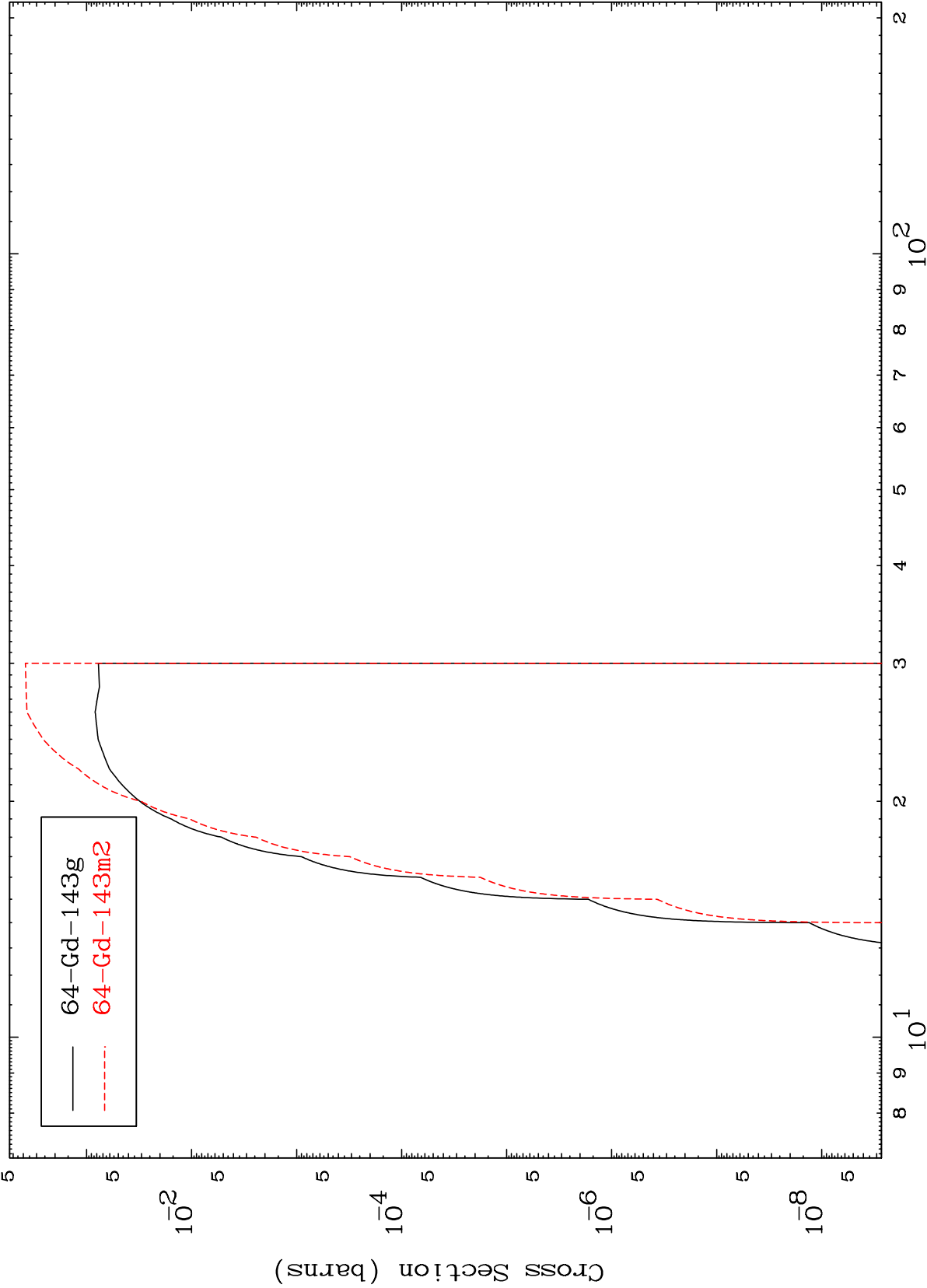
Incident Energy (MeV)

17

MAT 6392

64-Gd-141

(n,2p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

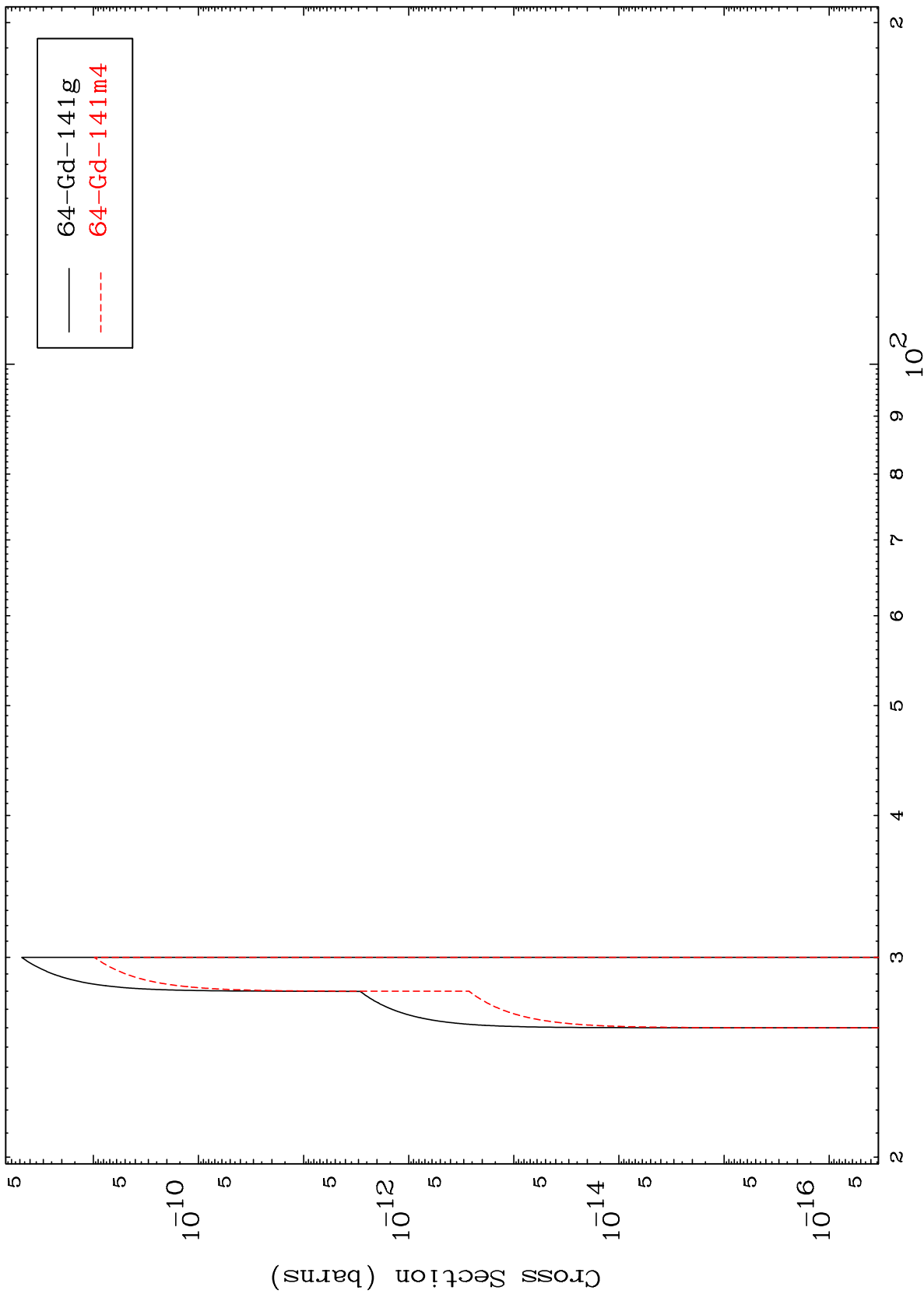
64-Gd-141

MAT 6392

(n,p) t

64-Gd-141

Radionuclide Production Cross Section



19

Incident Energy (MeV)

64-Gd-141