

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

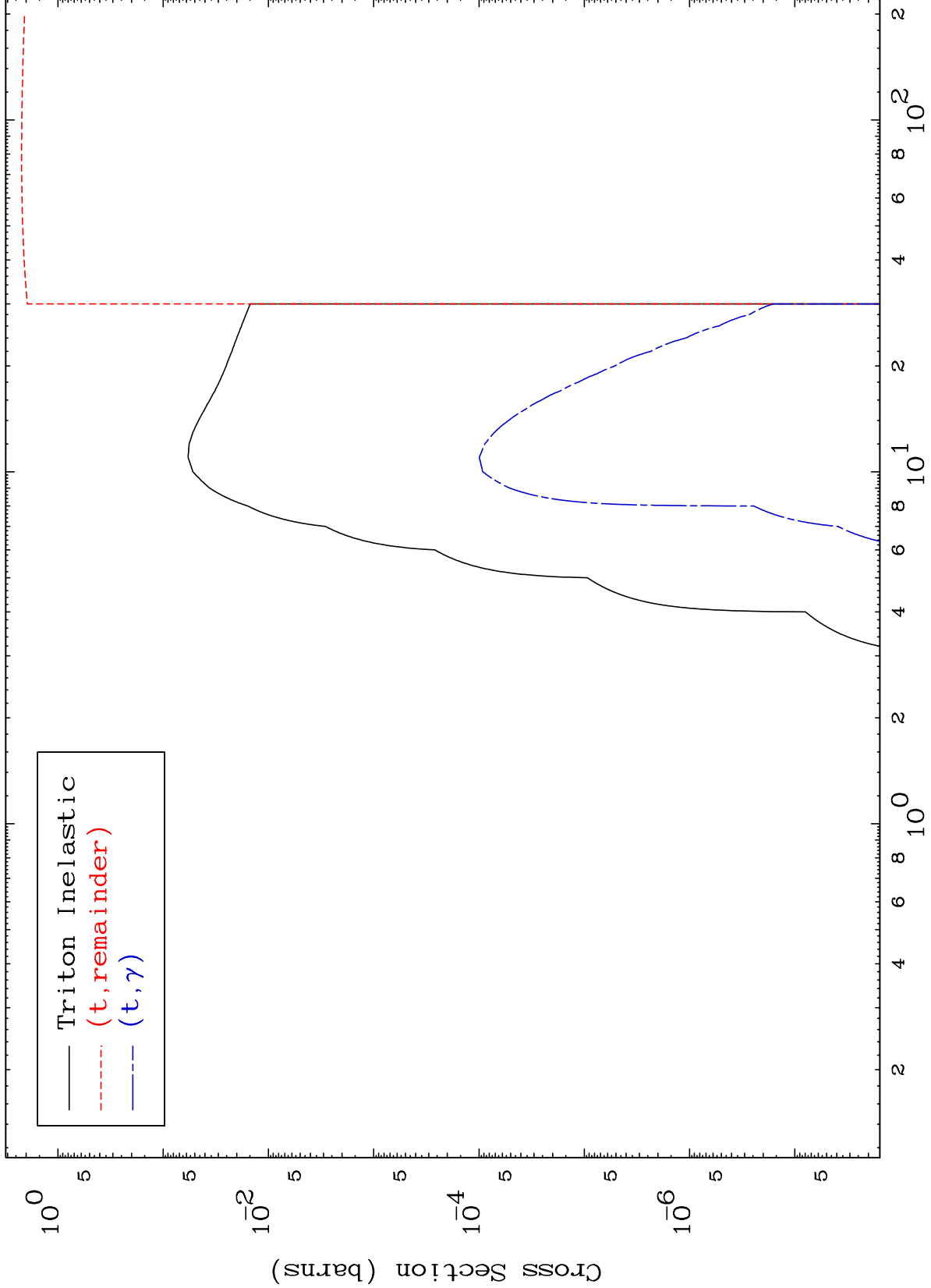
Press Mouse Button to Start

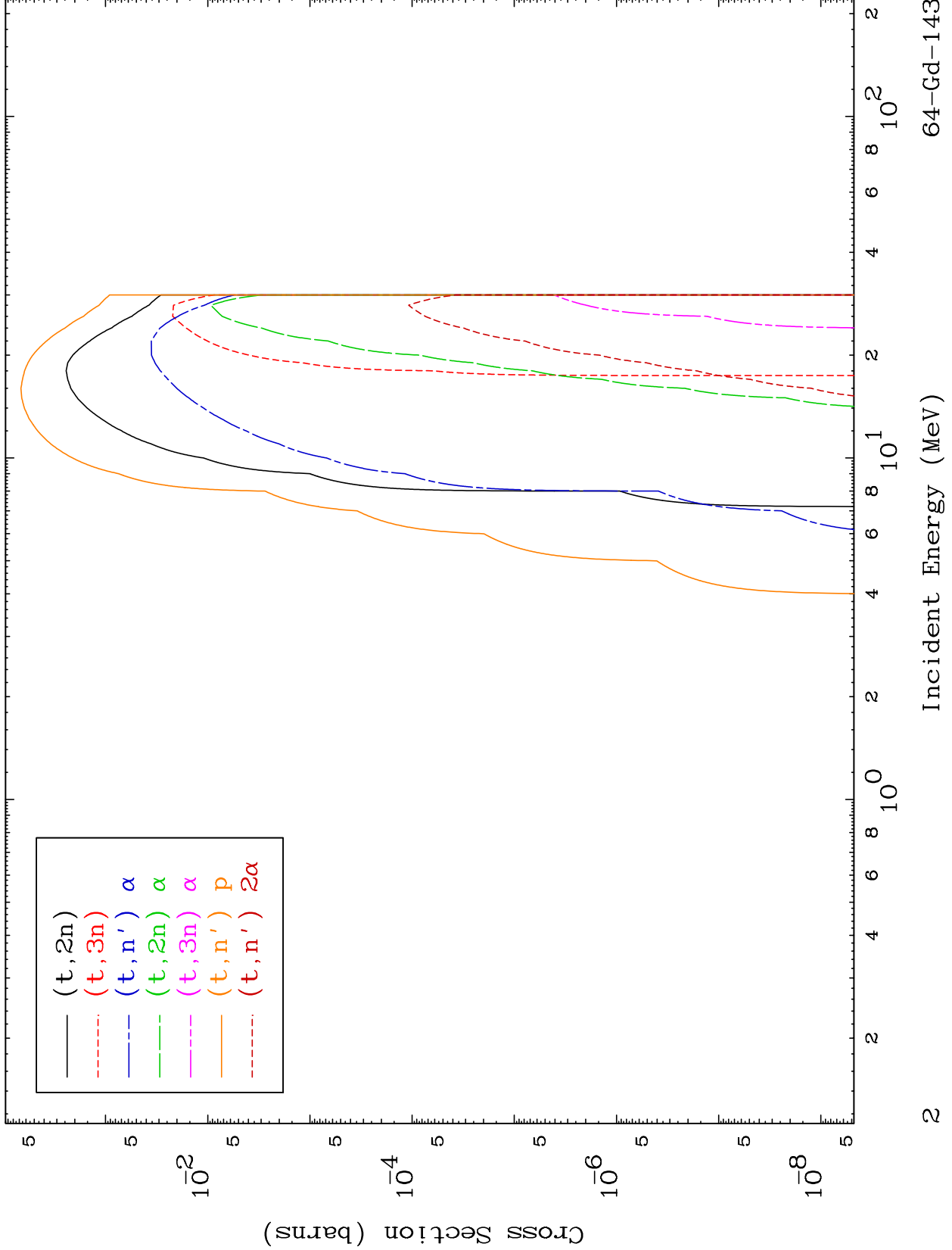
MAT 6398

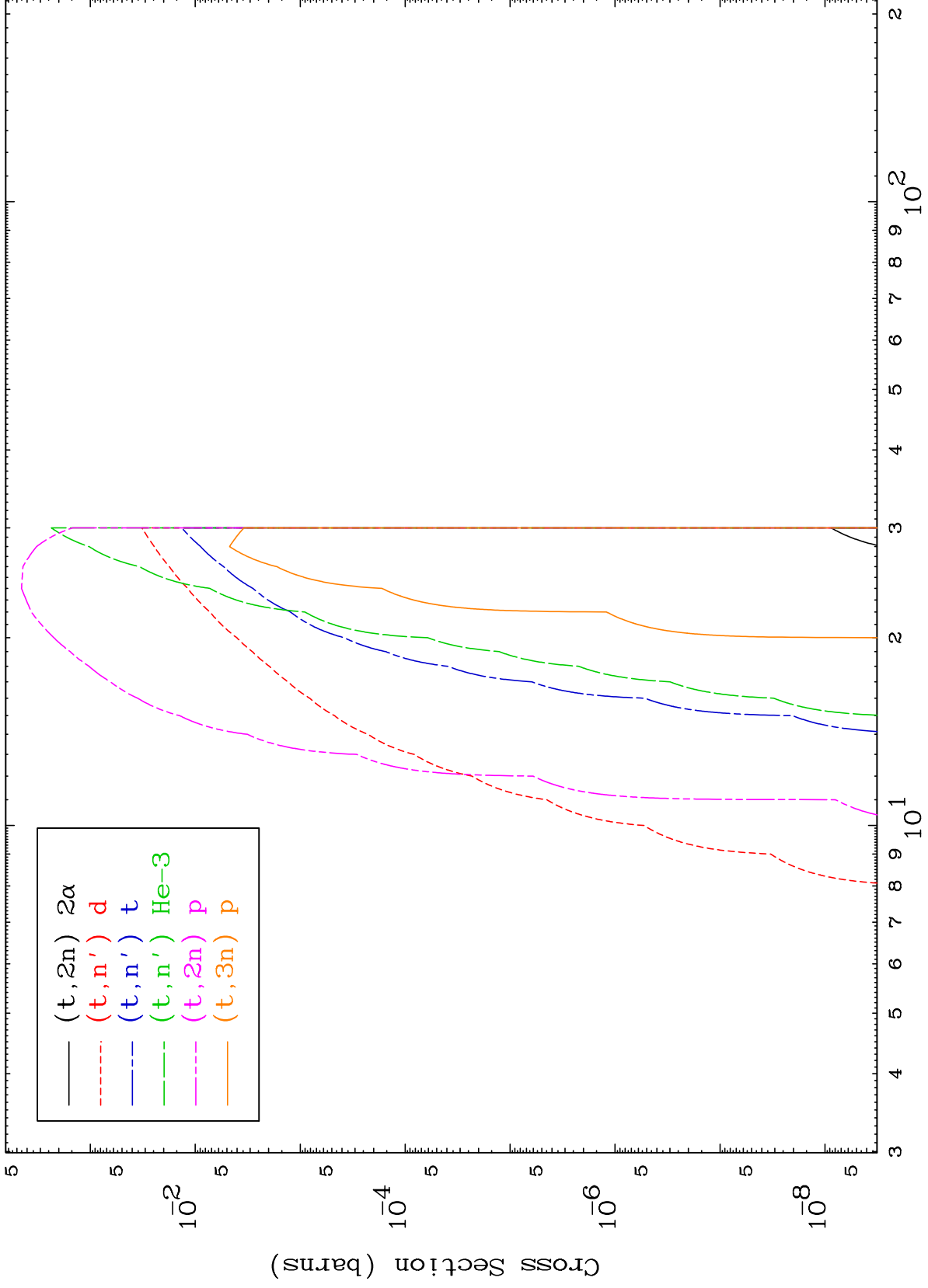
Triton Major

64-Gd-143

0 Kelvin Cross Sections



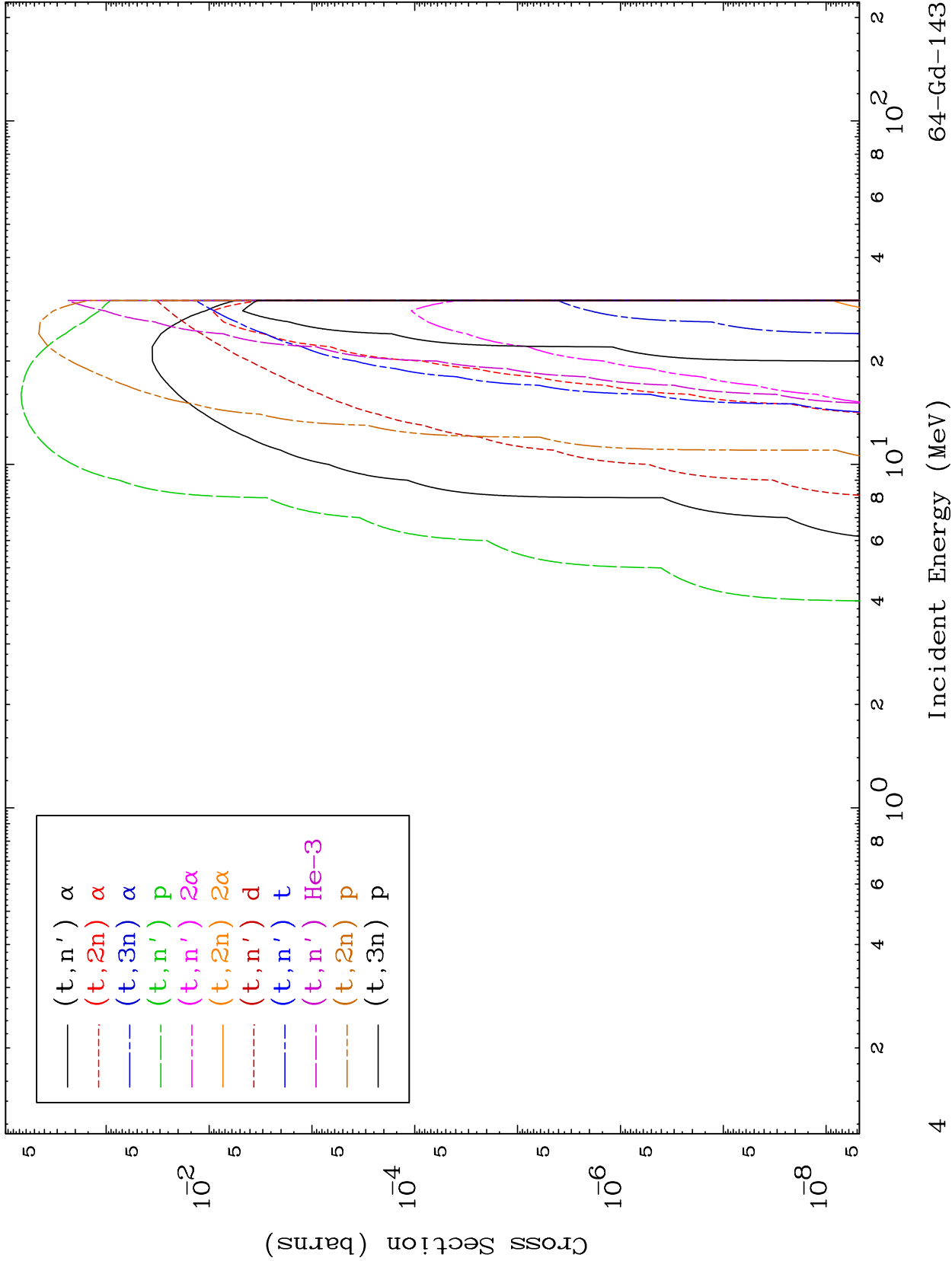


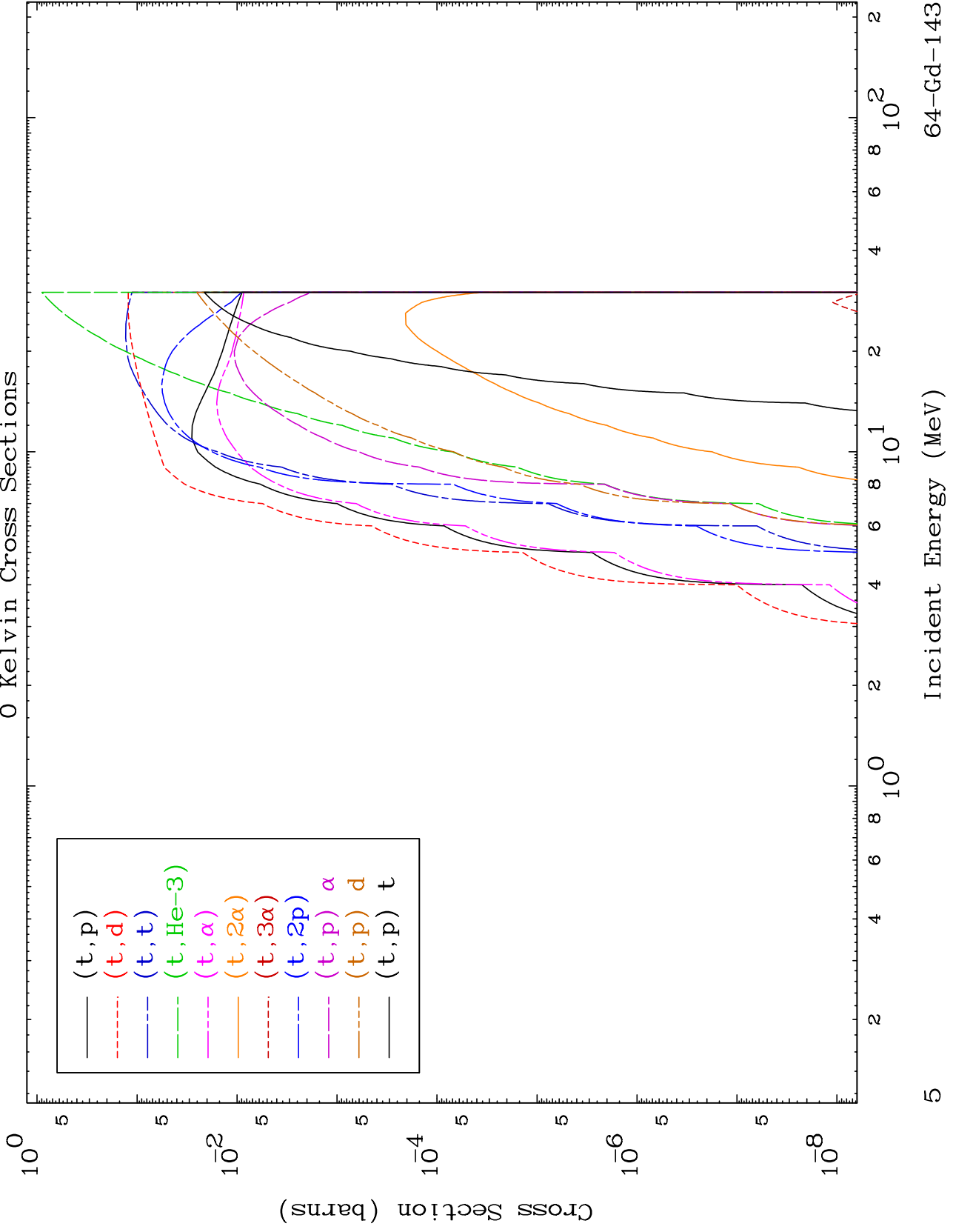


MAT 6398

Triton Charged Particle
0 Kelvin Cross Sections

64-Gd-143

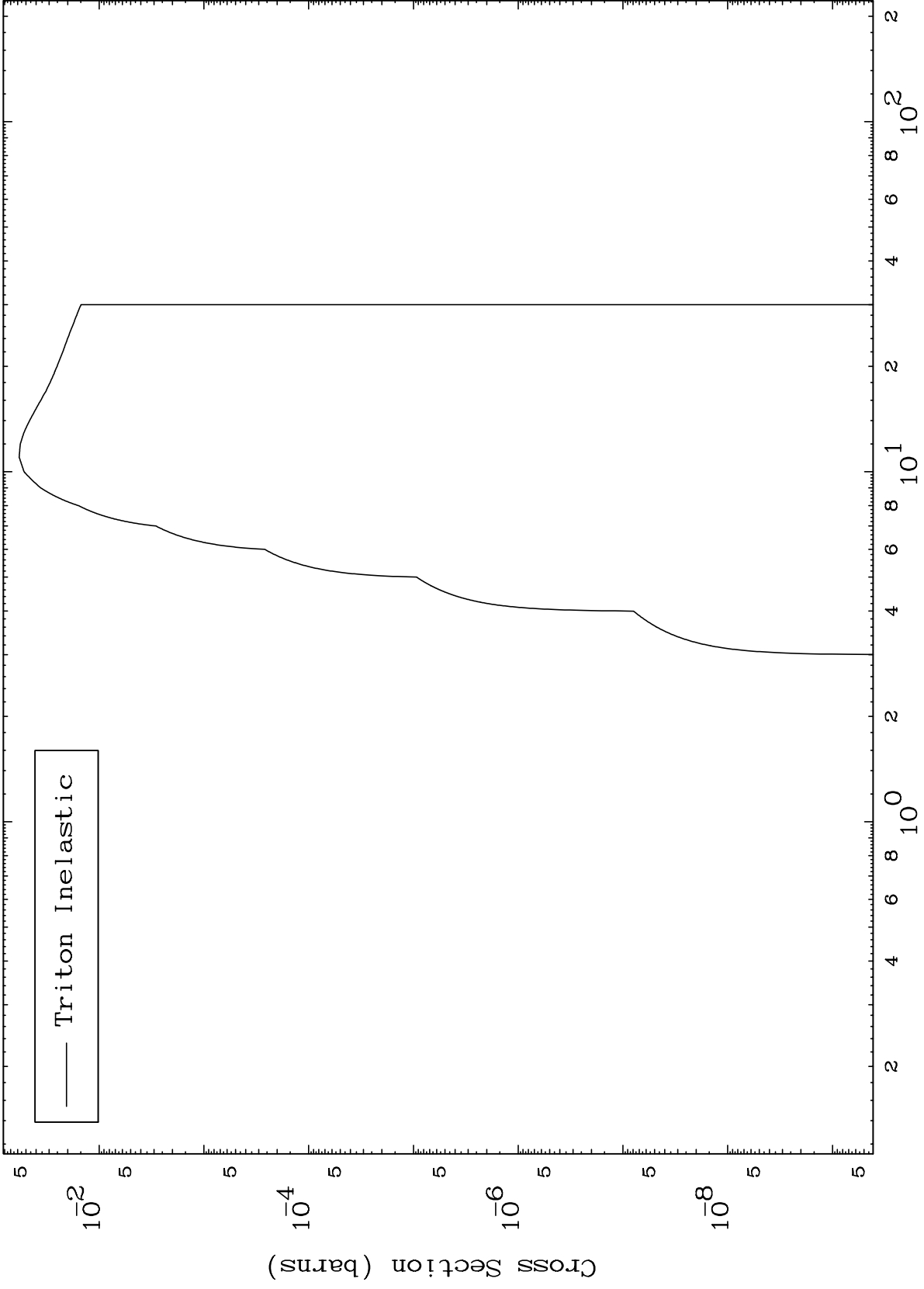




MAT 6398

64-Gd-143

(t, n') Level
0 Kelvin Cross Sections



6

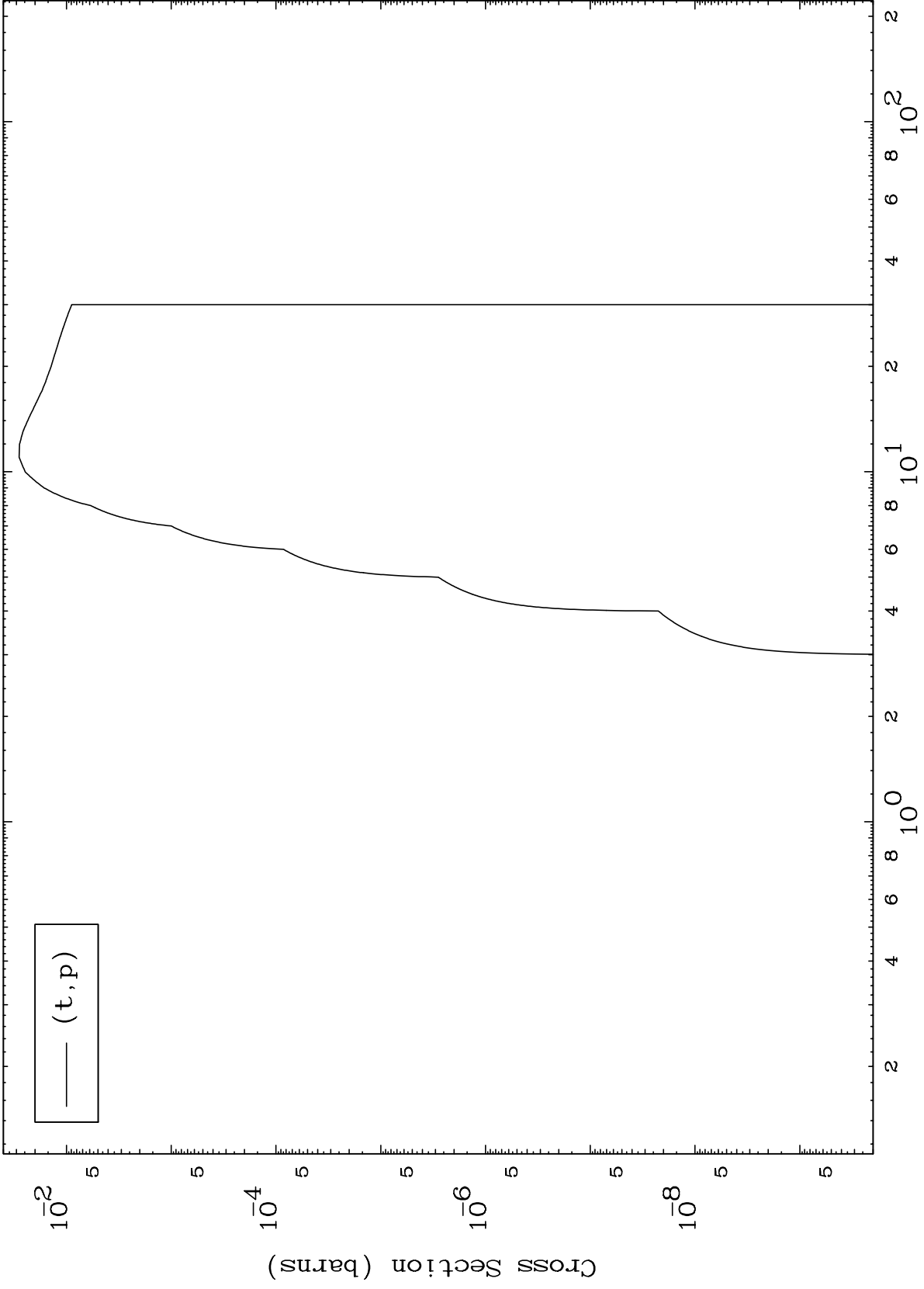
64-Gd-143

Incident Energy (MeV)

MAT 6398

64-Gd-143

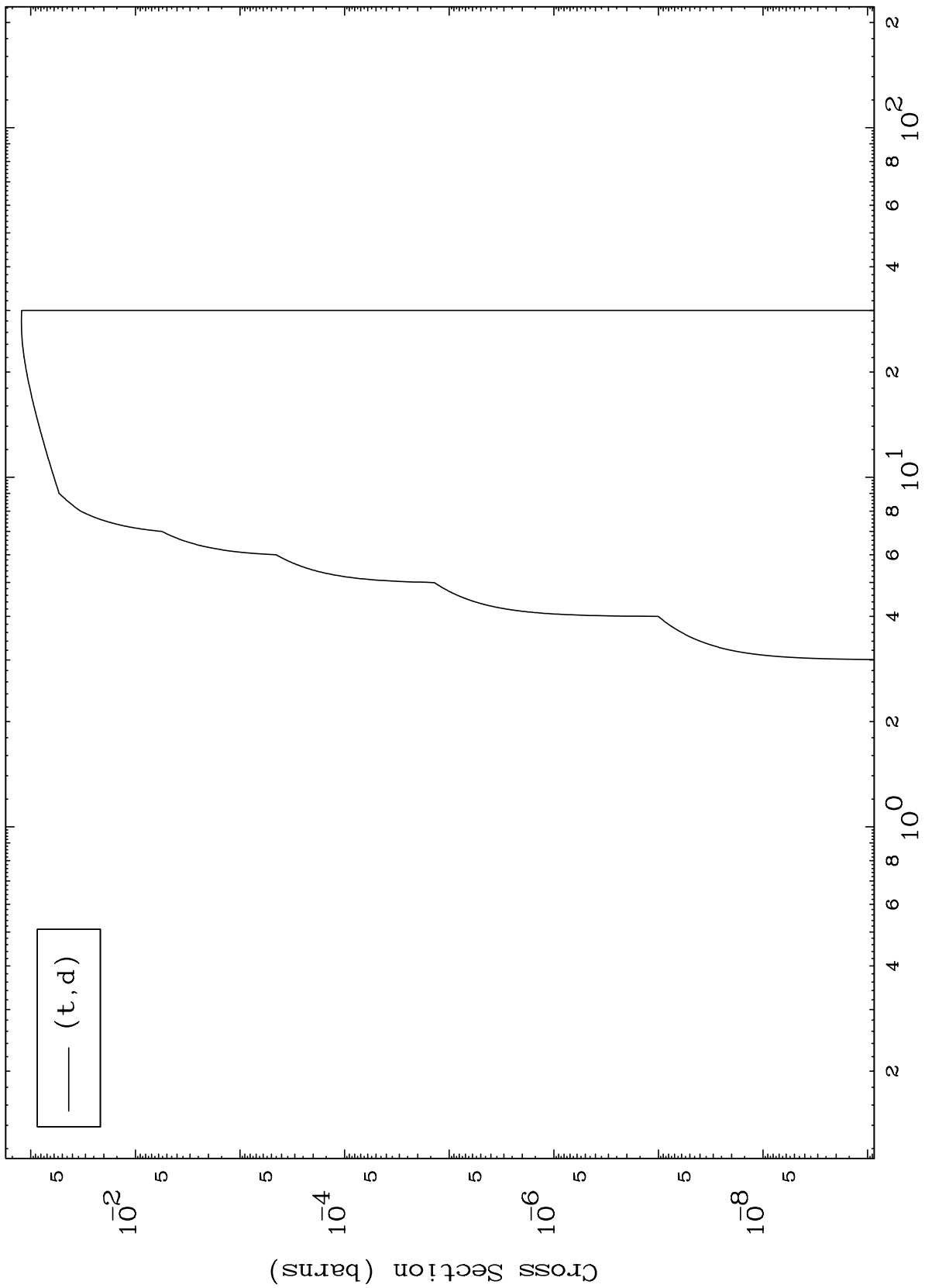
(t,p) Levels
0 Kelvin Cross Sections



64-Gd-143

Incident Energy (MeV)

(t,d) Levels
0 Kelvin Cross Sections



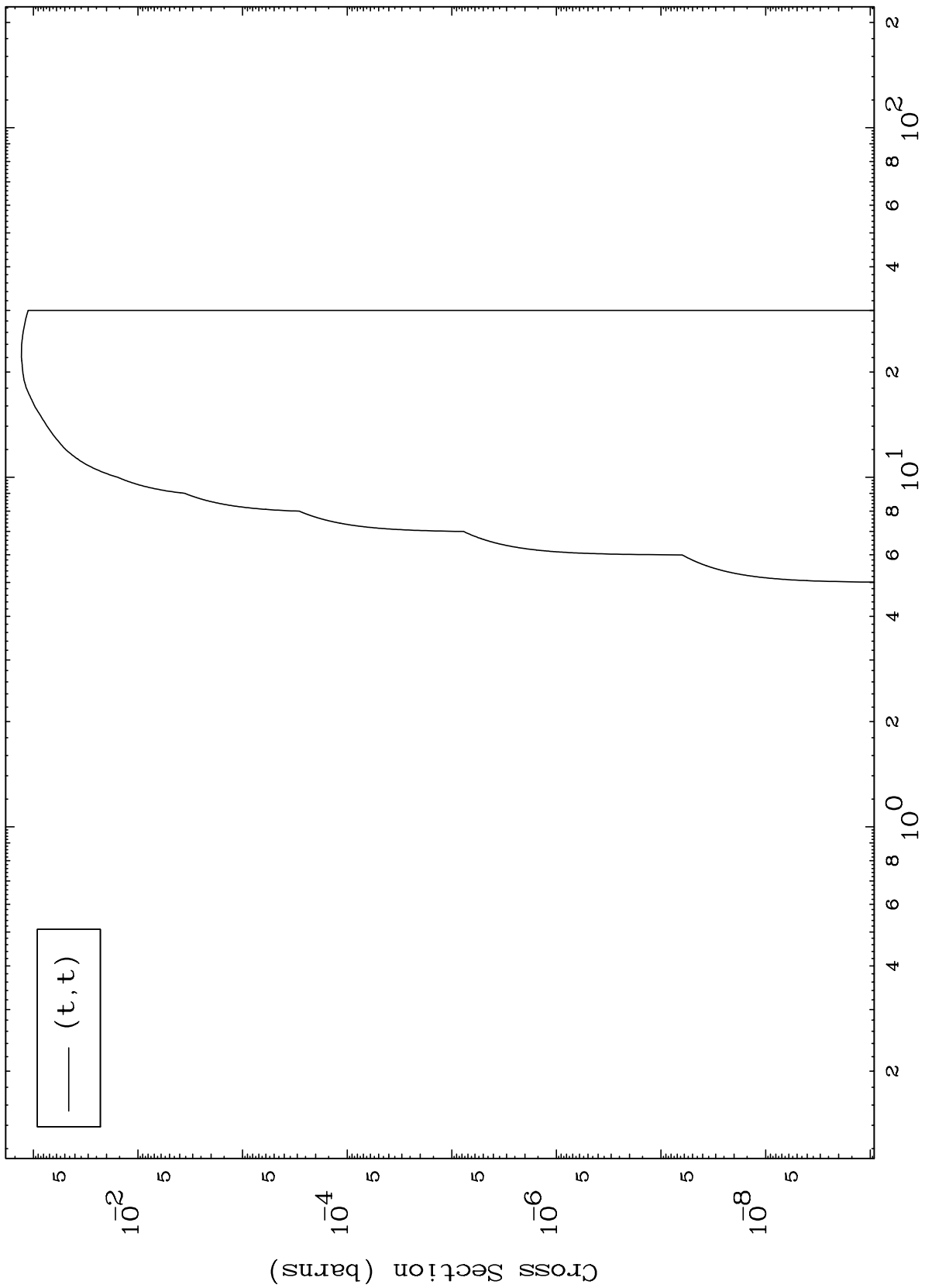
Incident Energy (MeV)

MAT 6398

(t, t) Levels

64-Gd-143

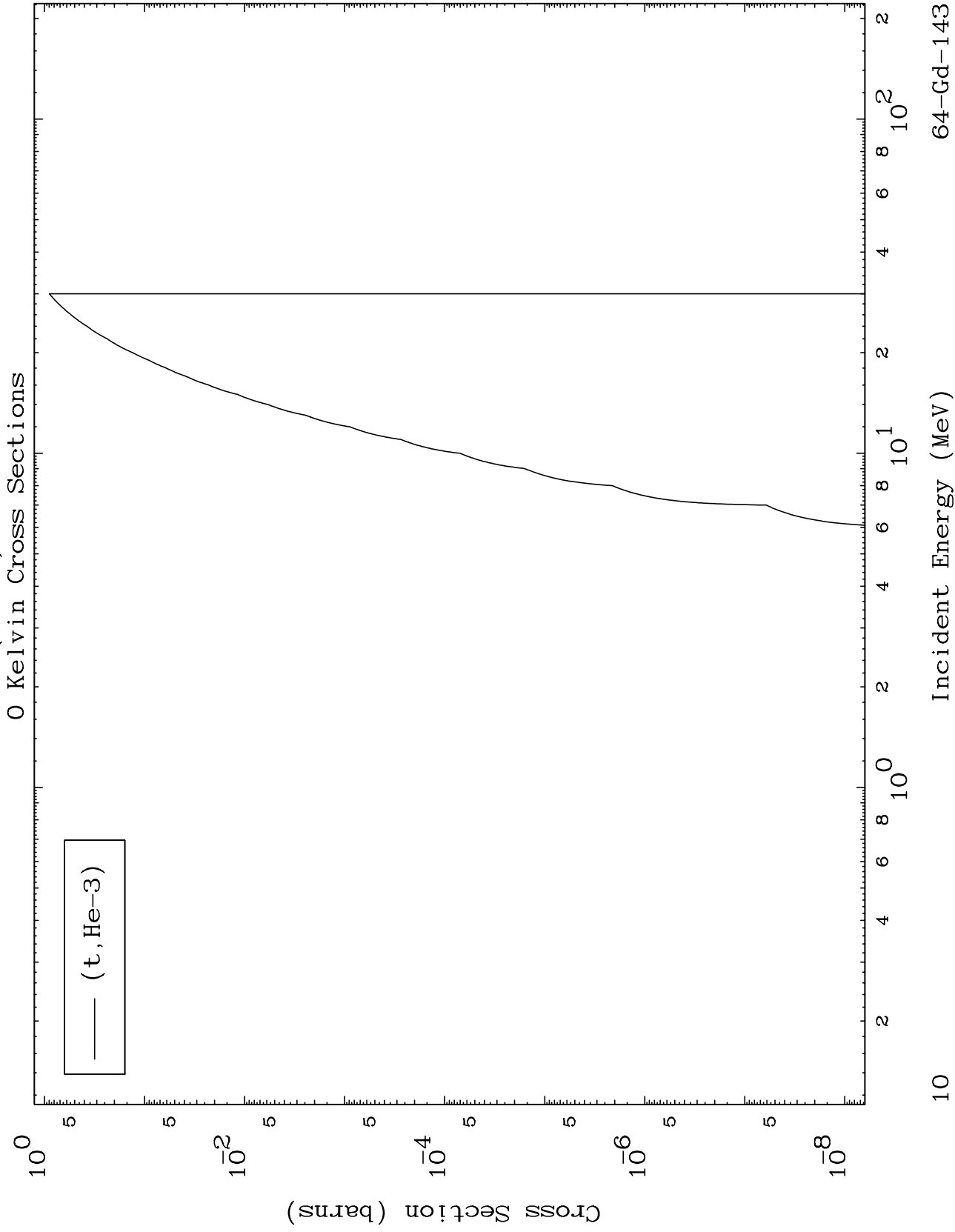
0 Kelvin Cross Sections



MAT 6398

(t,He3) Levels

64-Gd-143



10

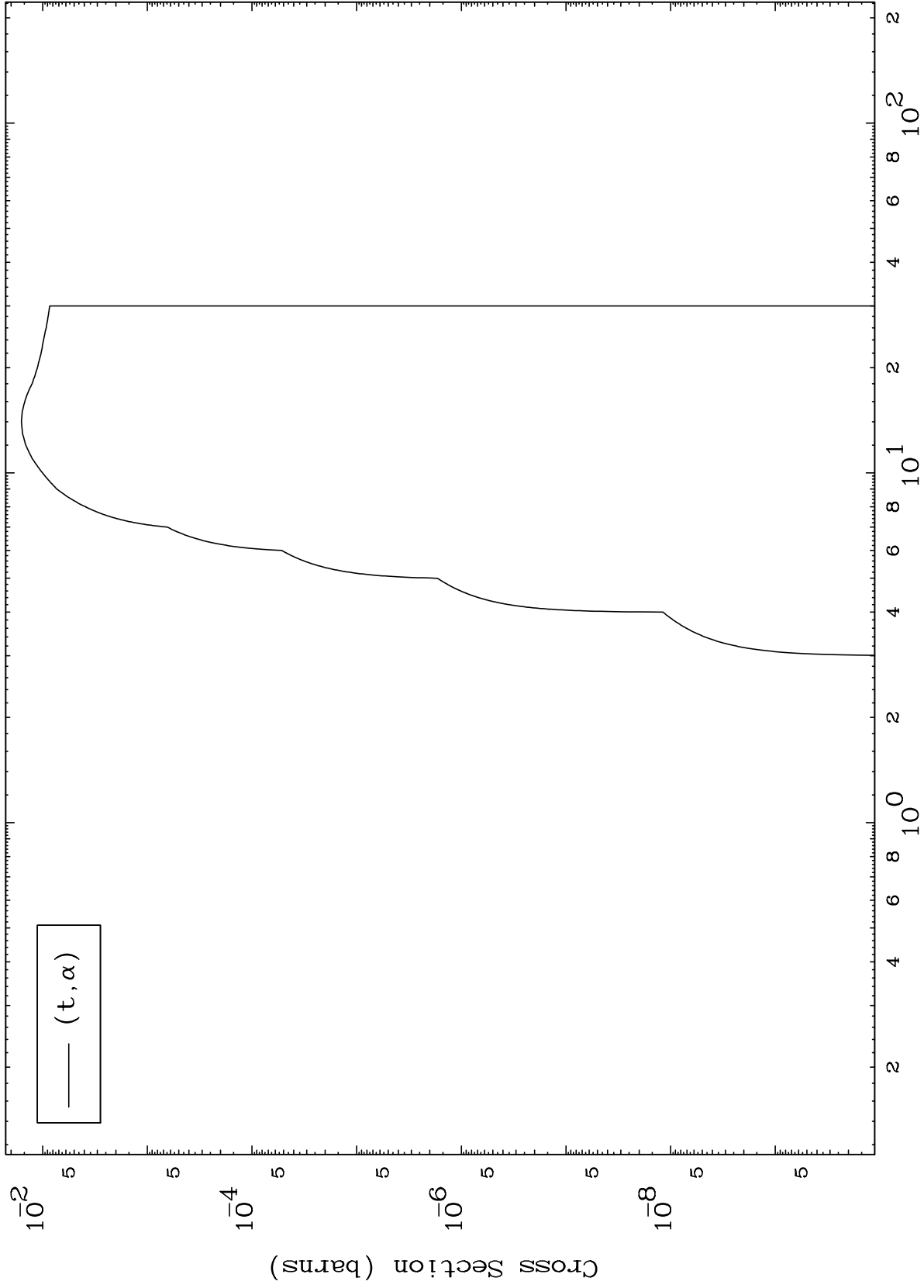
Incident Energy (MeV)

64-Gd-143

MAT 6398

64-Gd-143

(t, α) Levels
0 Kelvin Cross Sections



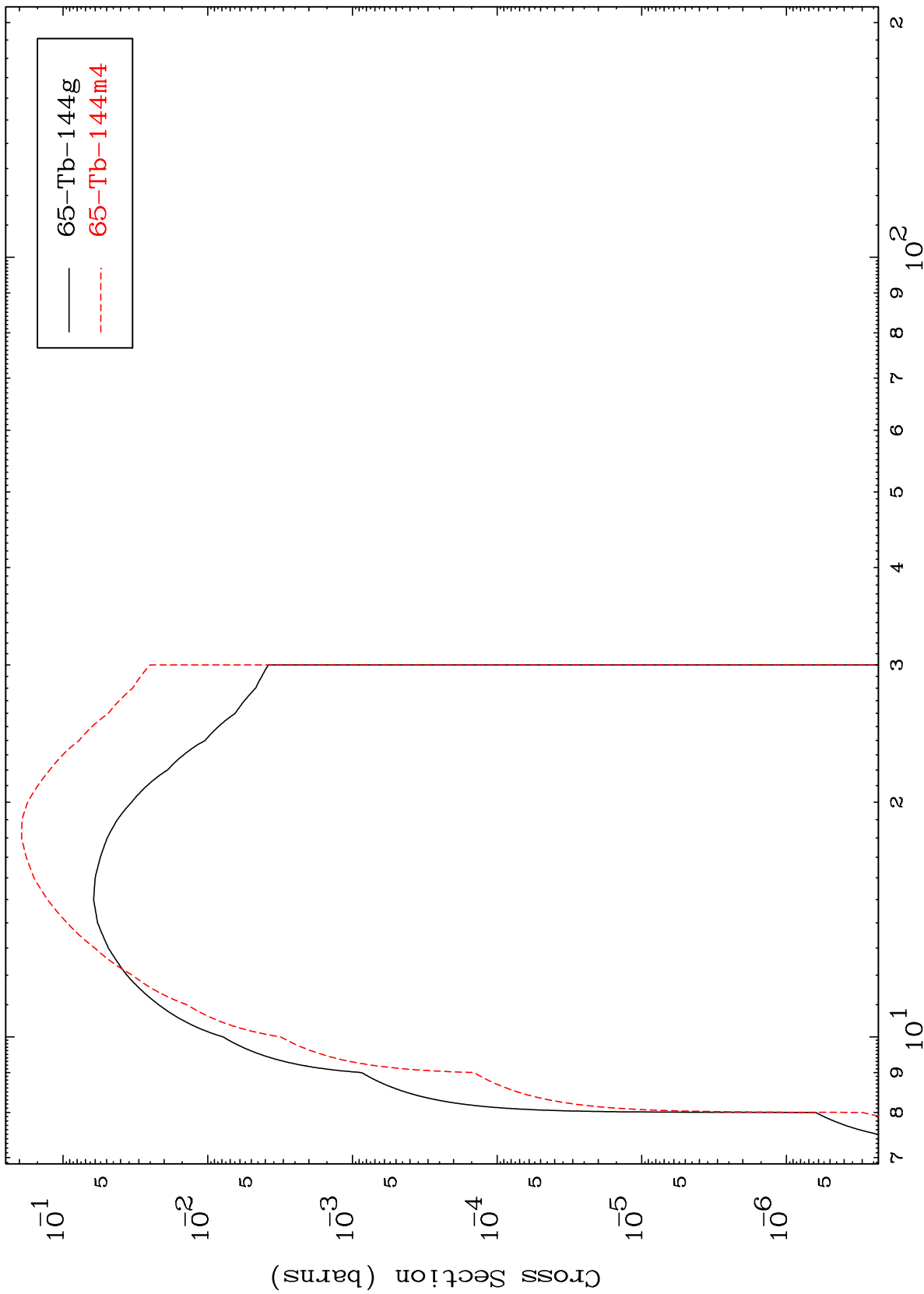
64-Gd-143

Incident Energy (MeV)

MAT 6398

64-Gd-143

(t,2n)
Radionuclide Production Cross Section

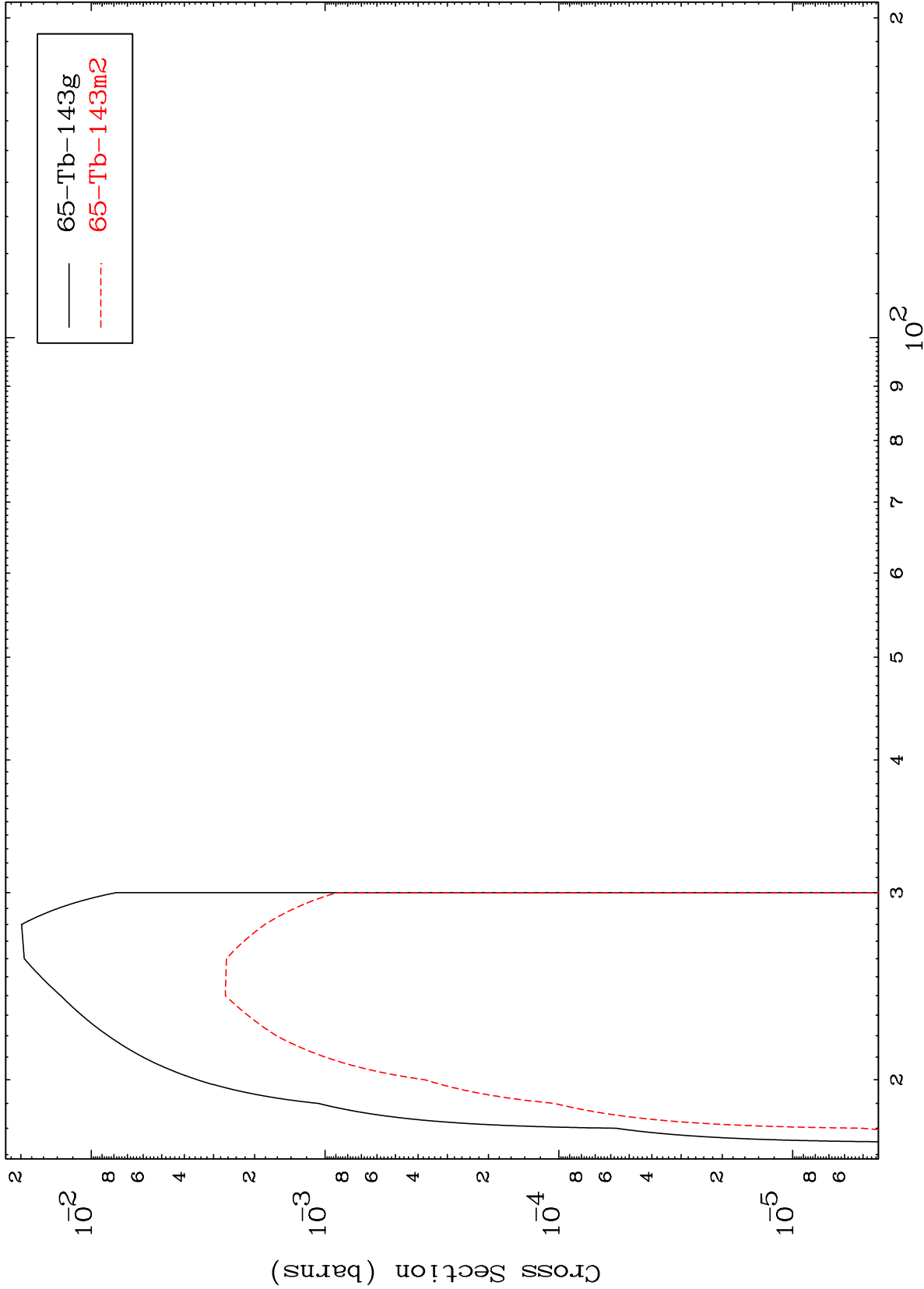


64-Gd-143

Incident Energy (MeV)

12

Radionuclide Production Cross Section

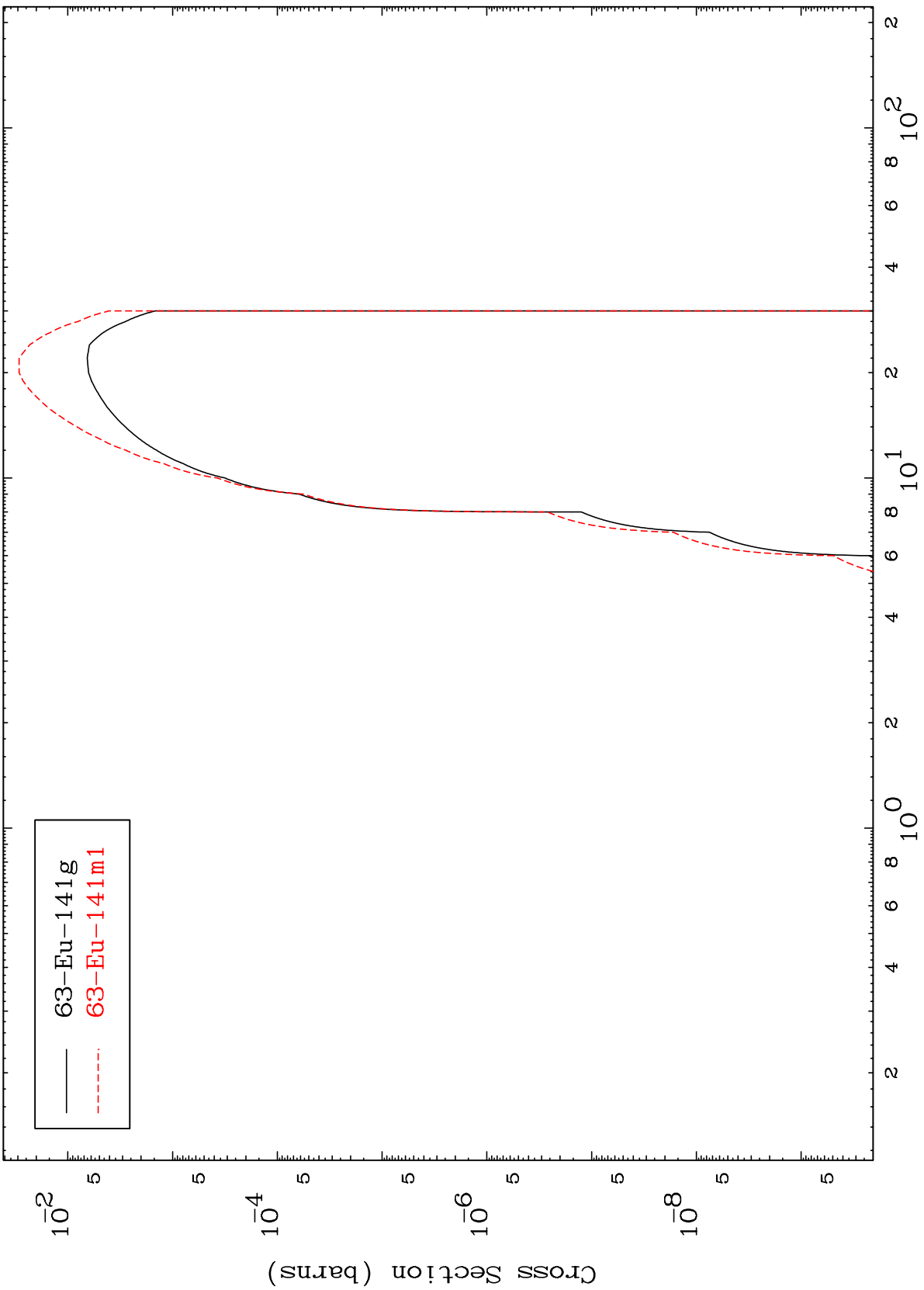
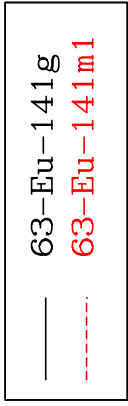


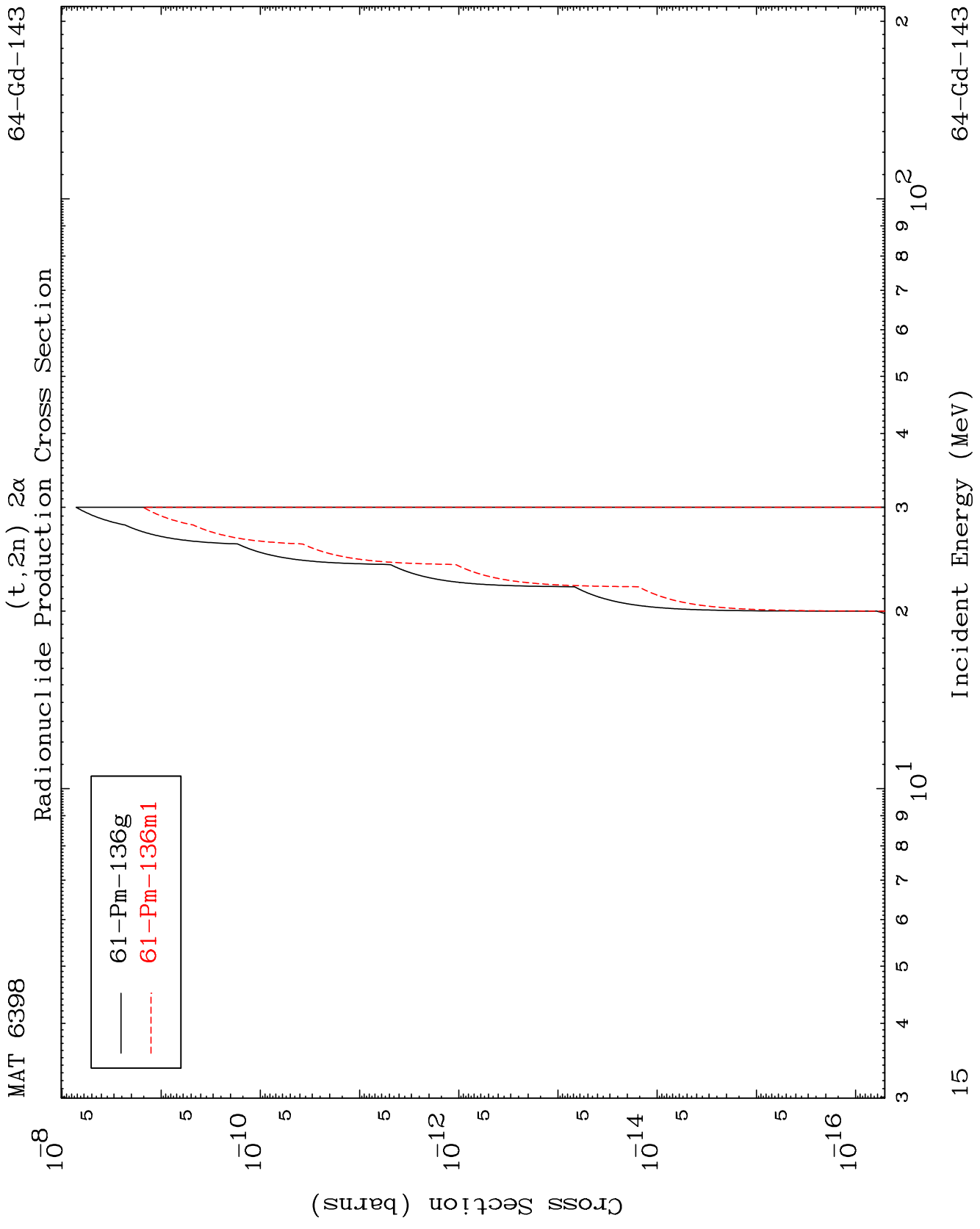
MAT 6398

(t,n') α

64-Gd-143

Radionuclide Production Cross Section



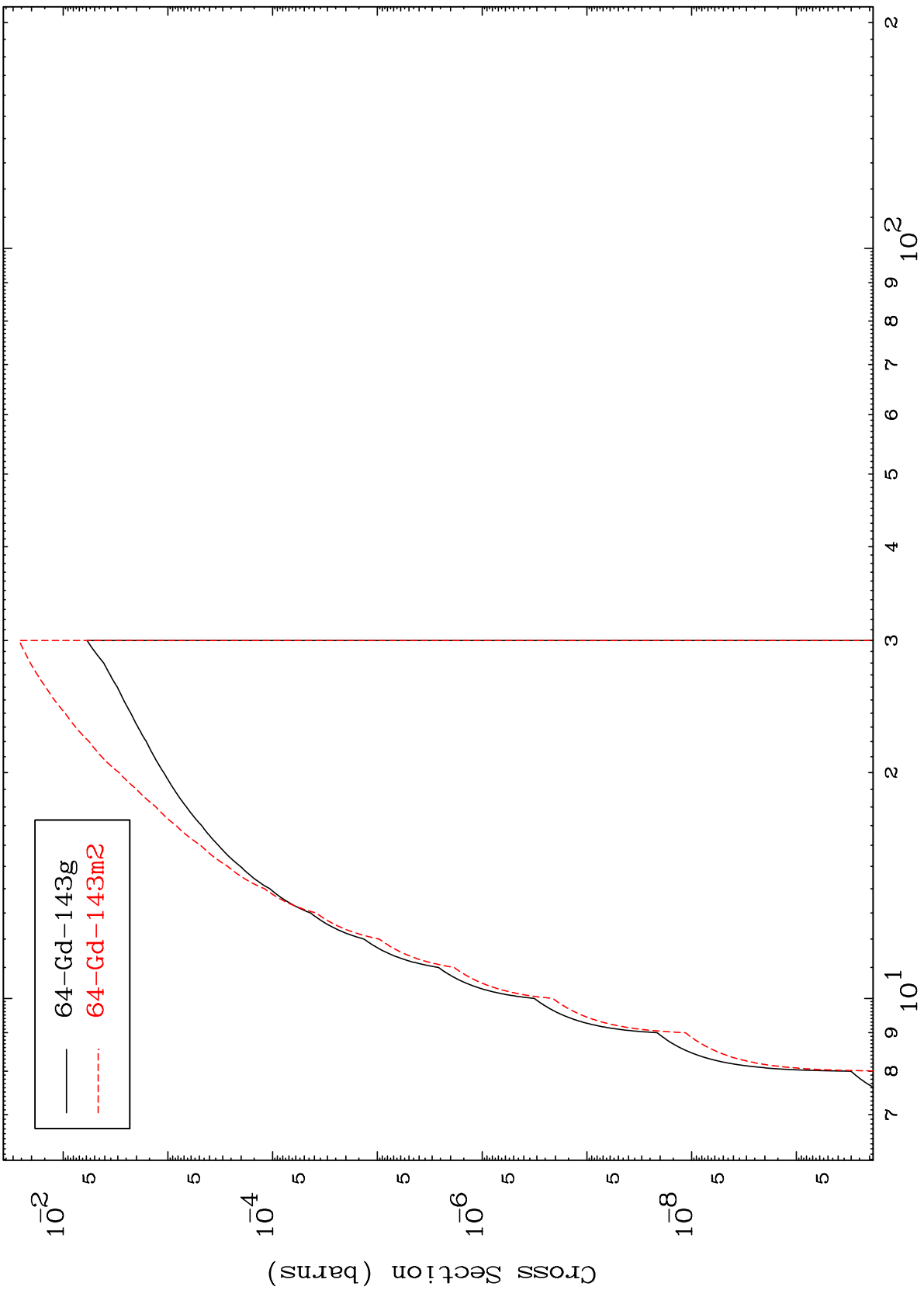


MAT 6398

(t,n') d

64-Gd-143

Radionuclide Production Cross Section



16

Incident Energy (MeV)

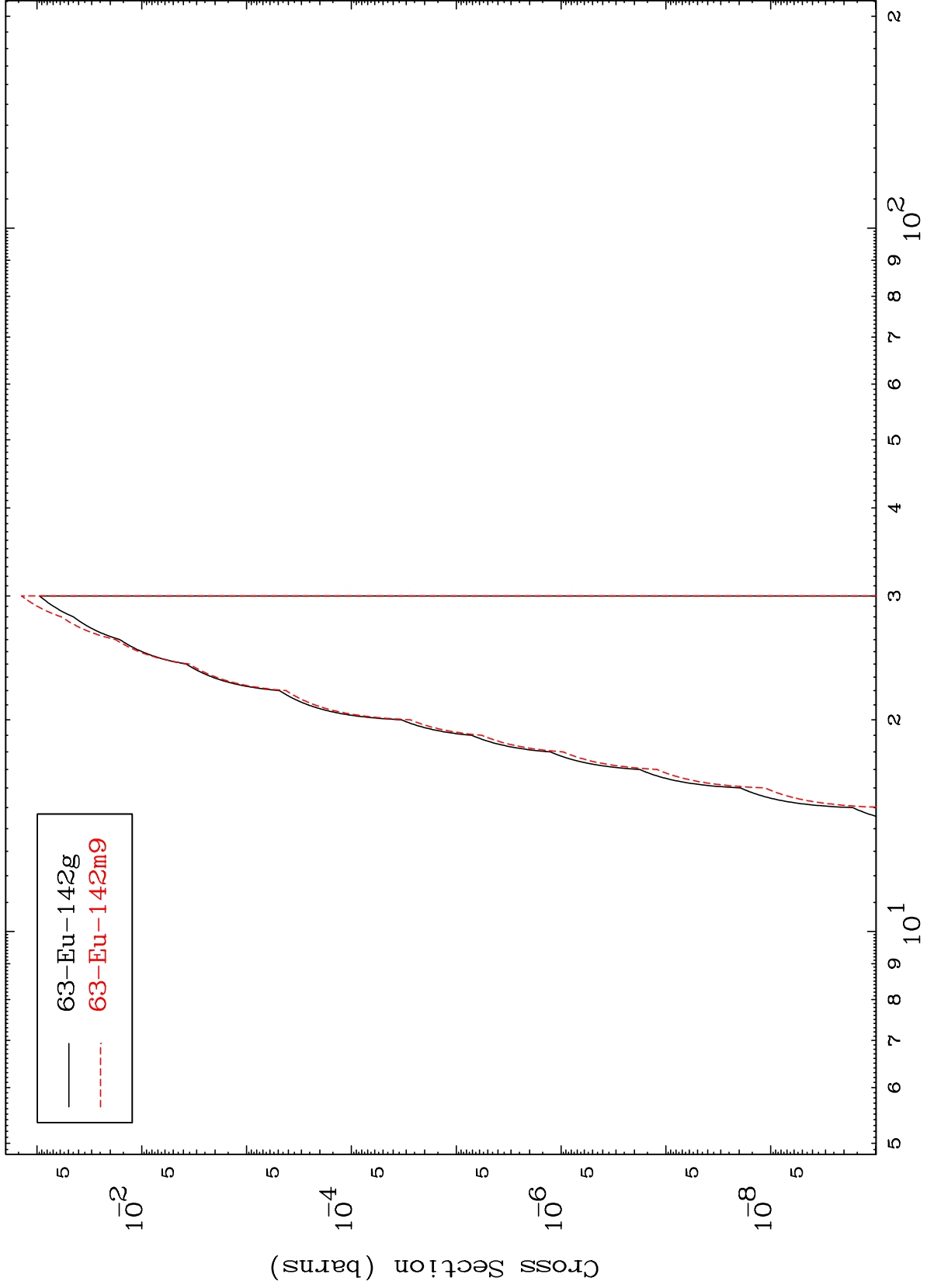
64-Gd-143

MAT 6398

(t,n') He-3

64-Gd-143

Radionuclide Production Cross Section



17

Incident Energy (MeV)

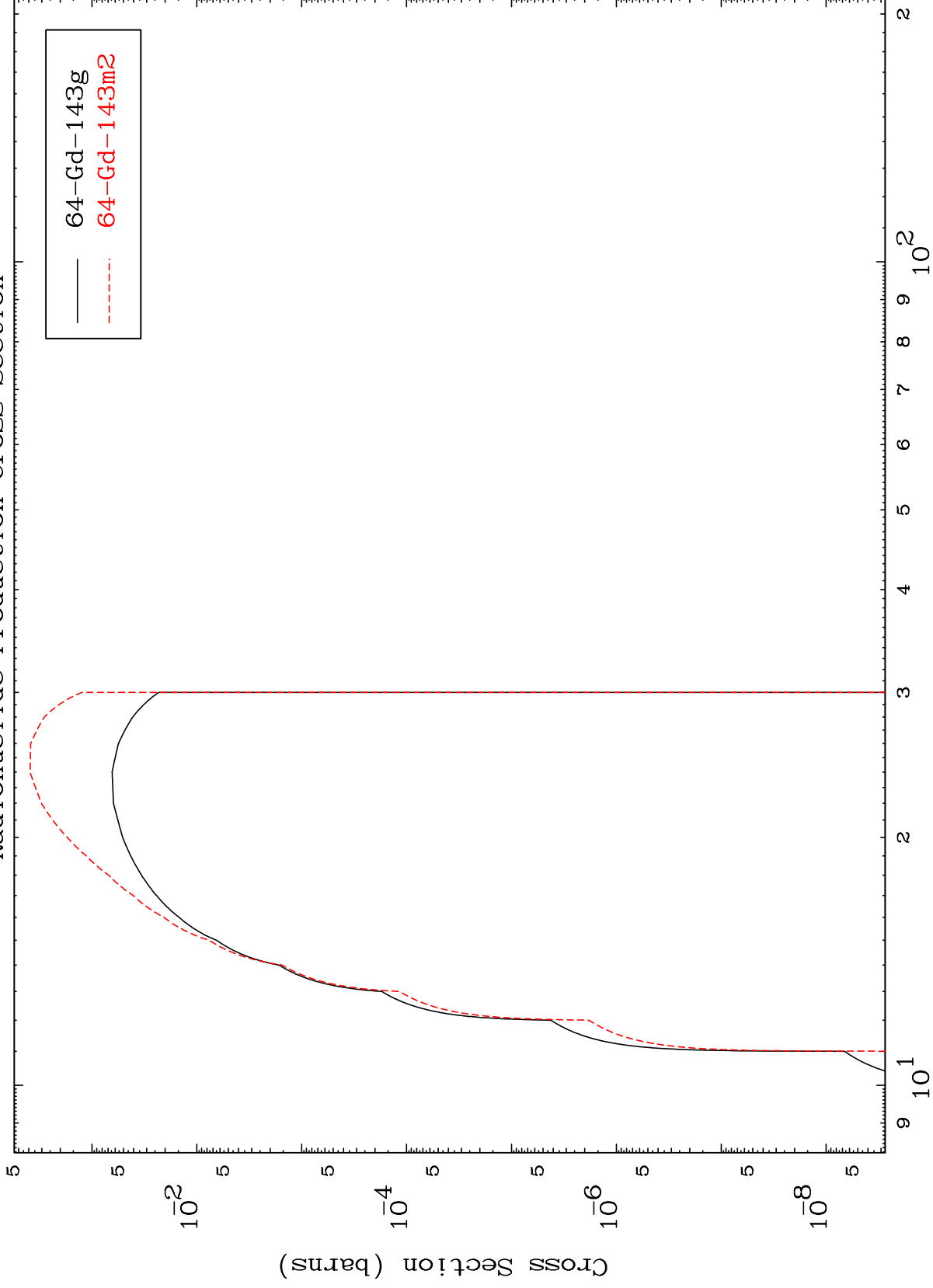
64-Gd-143

MAT 6398

(t,2n) p

64-Gd-143

Radionuclide Production Cross Section



18

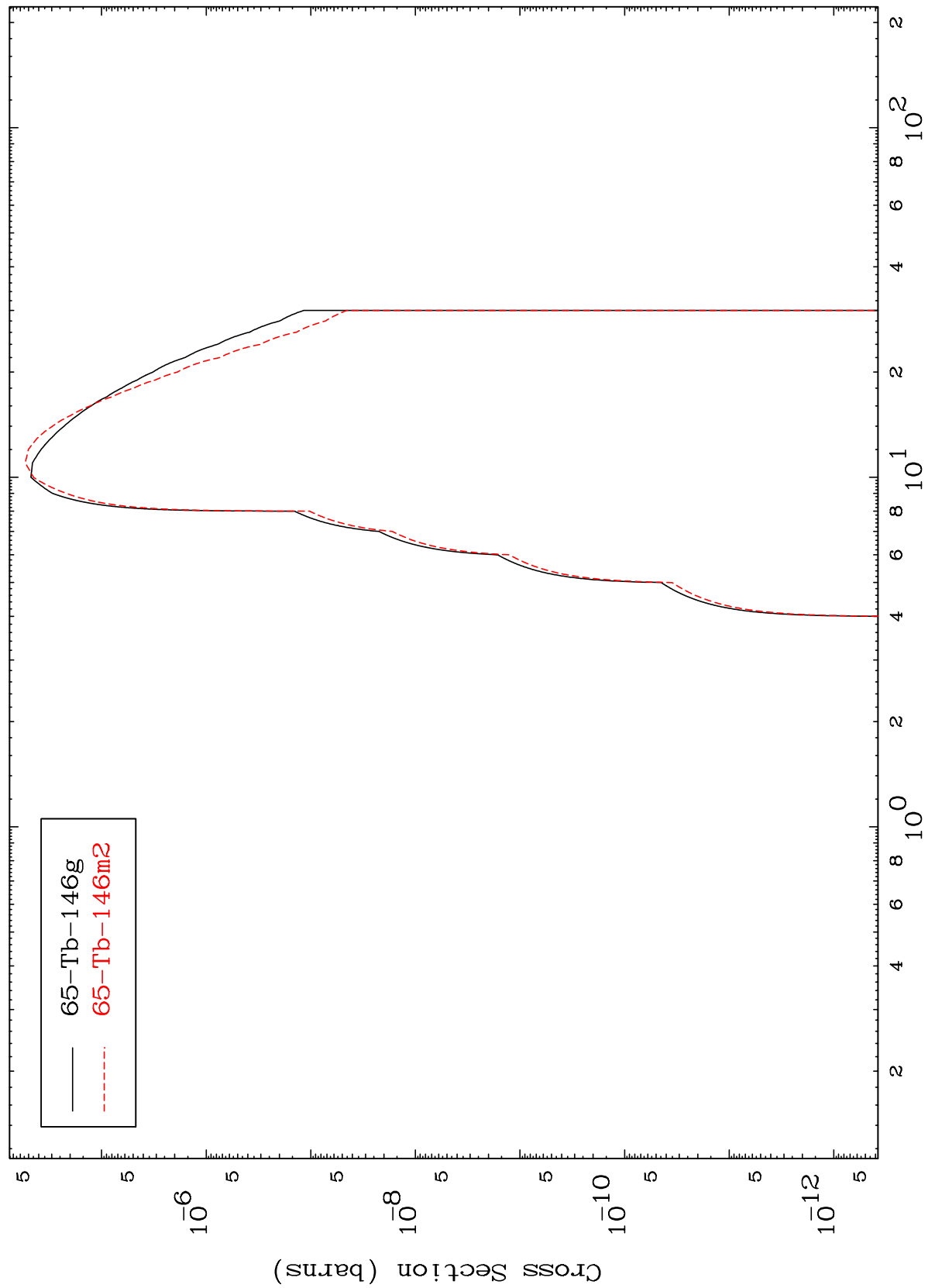
Incident Energy (MeV)

64-Gd-143

MAT 6398

64-Gd-143

(t, γ)
Radionuclide Production Cross Section



19

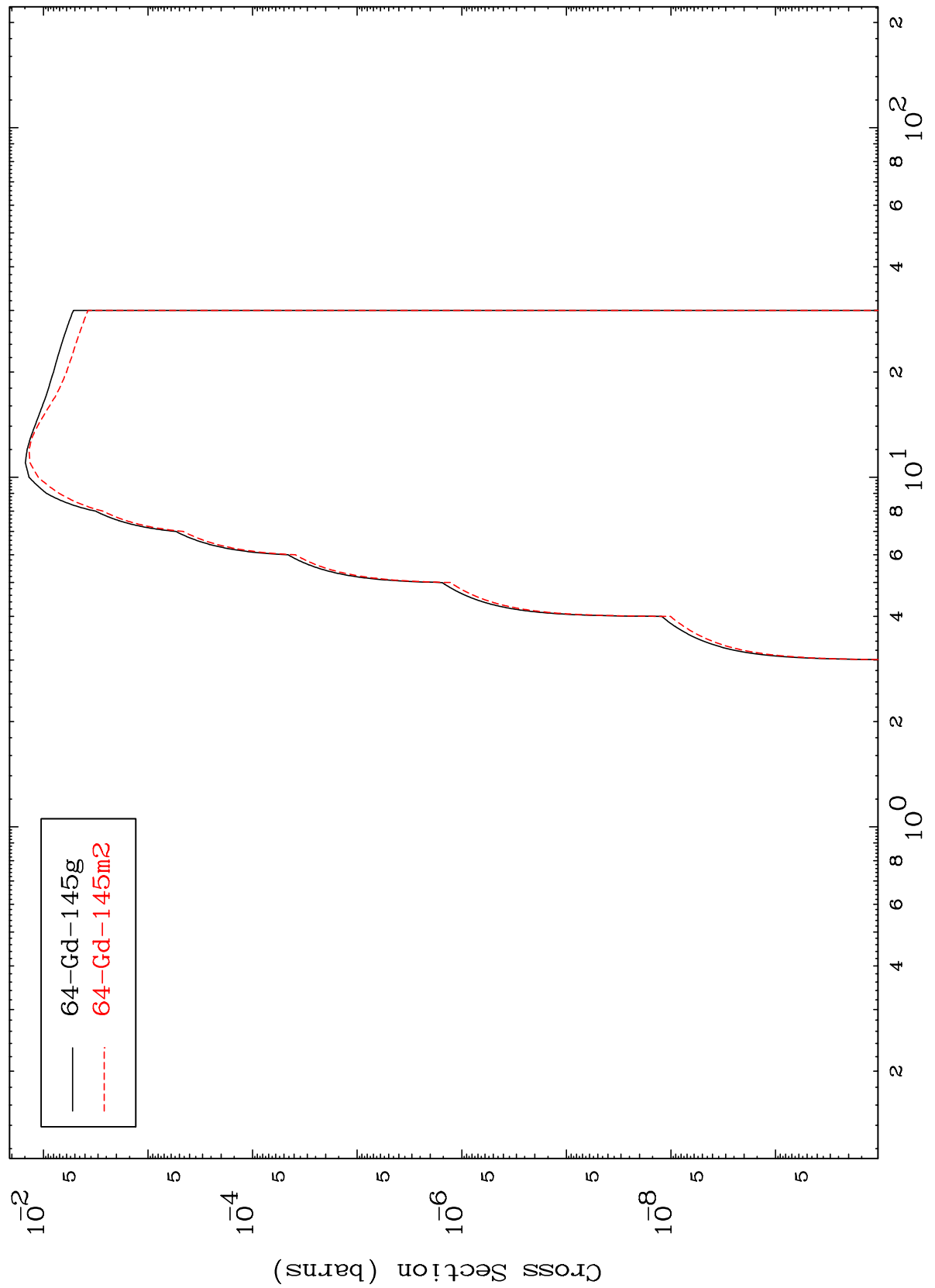
64-Gd-143

Incident Energy (MeV)

MAT 6398

64-Gd-143

(t,p)
Radionuclide Production Cross Section



64-Gd-145g
64-Gd-145m2

20

Incident Energy (MeV)

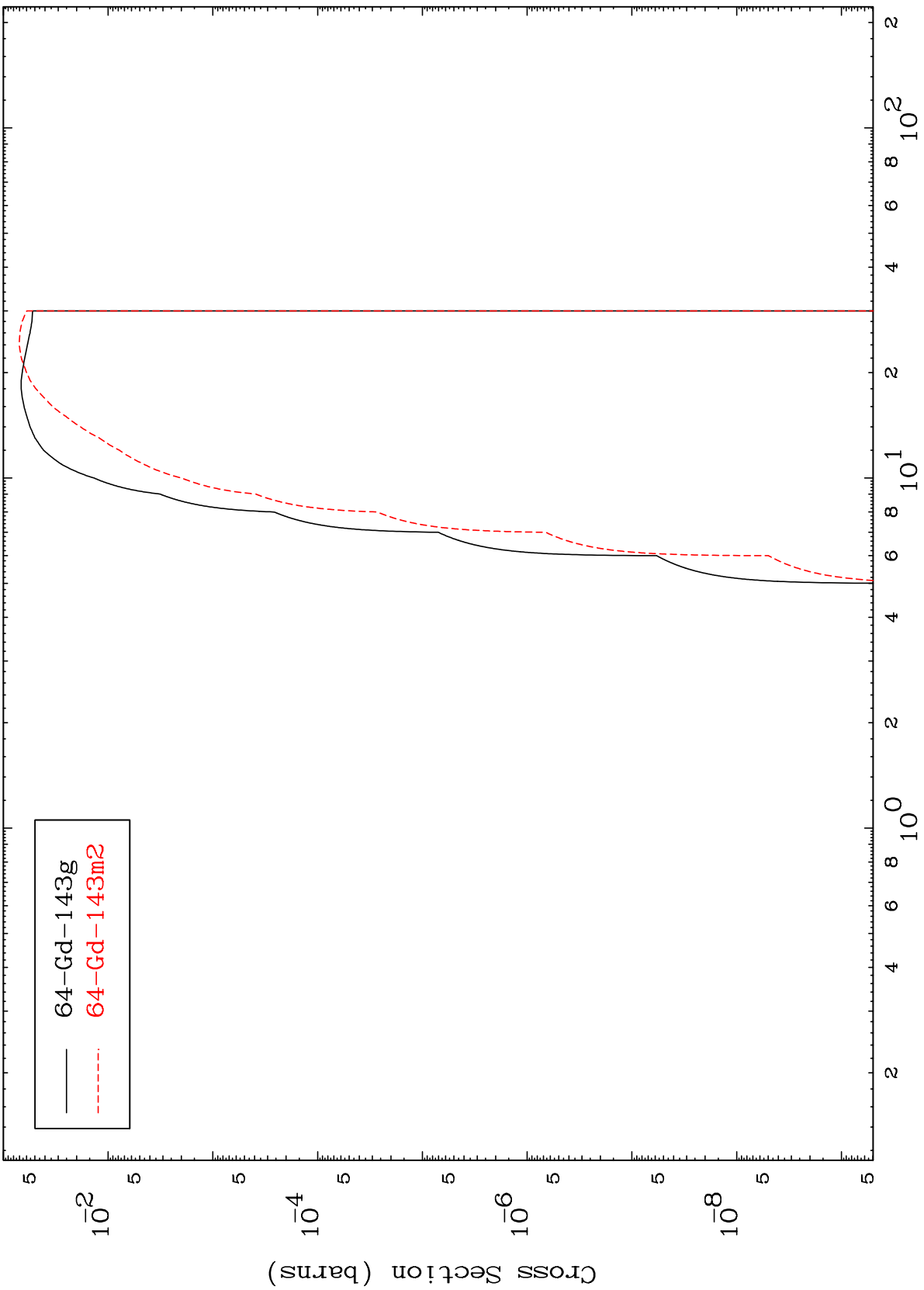
64-Gd-143

MAT 6398

(t, t)

64-Gd-143

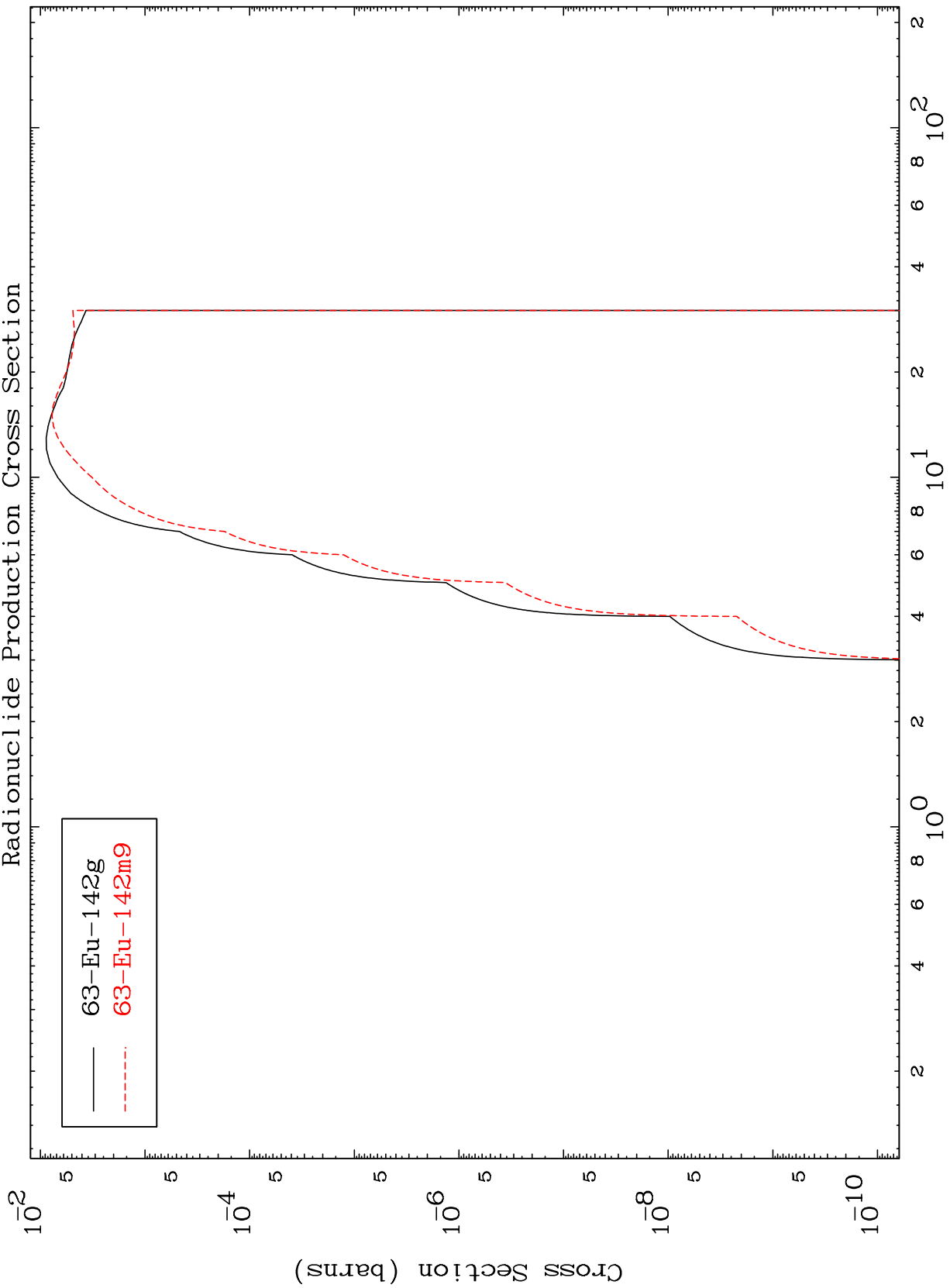
Radionuclide Production Cross Section



MAT 6398

64-Gd-143

(t, α)
Radionuclide Production Cross Section



63-Eu-142g
63-Eu-142m9

64-Gd-143

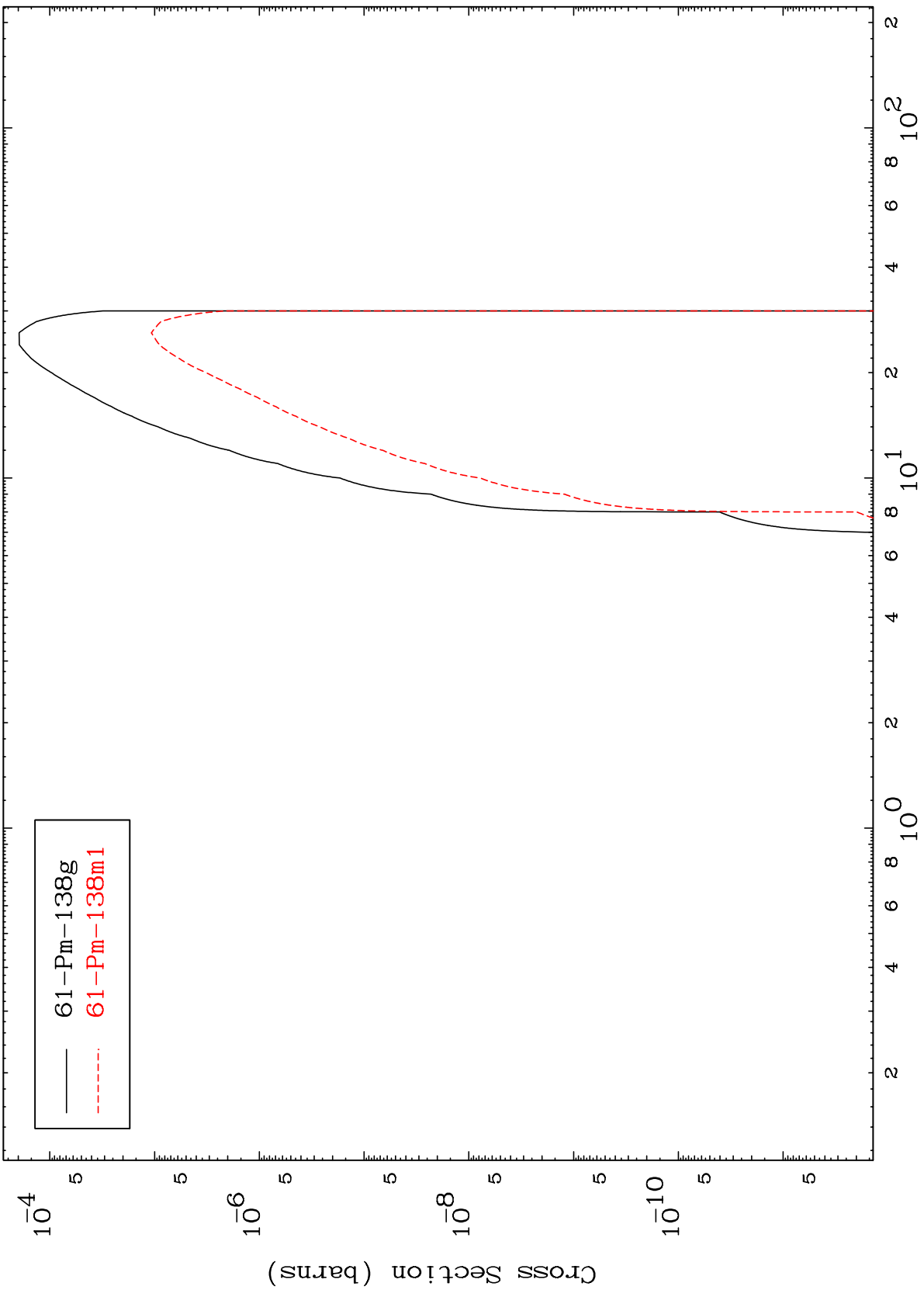
Incident Energy (MeV)

22

MAT 6398

64-Gd-143

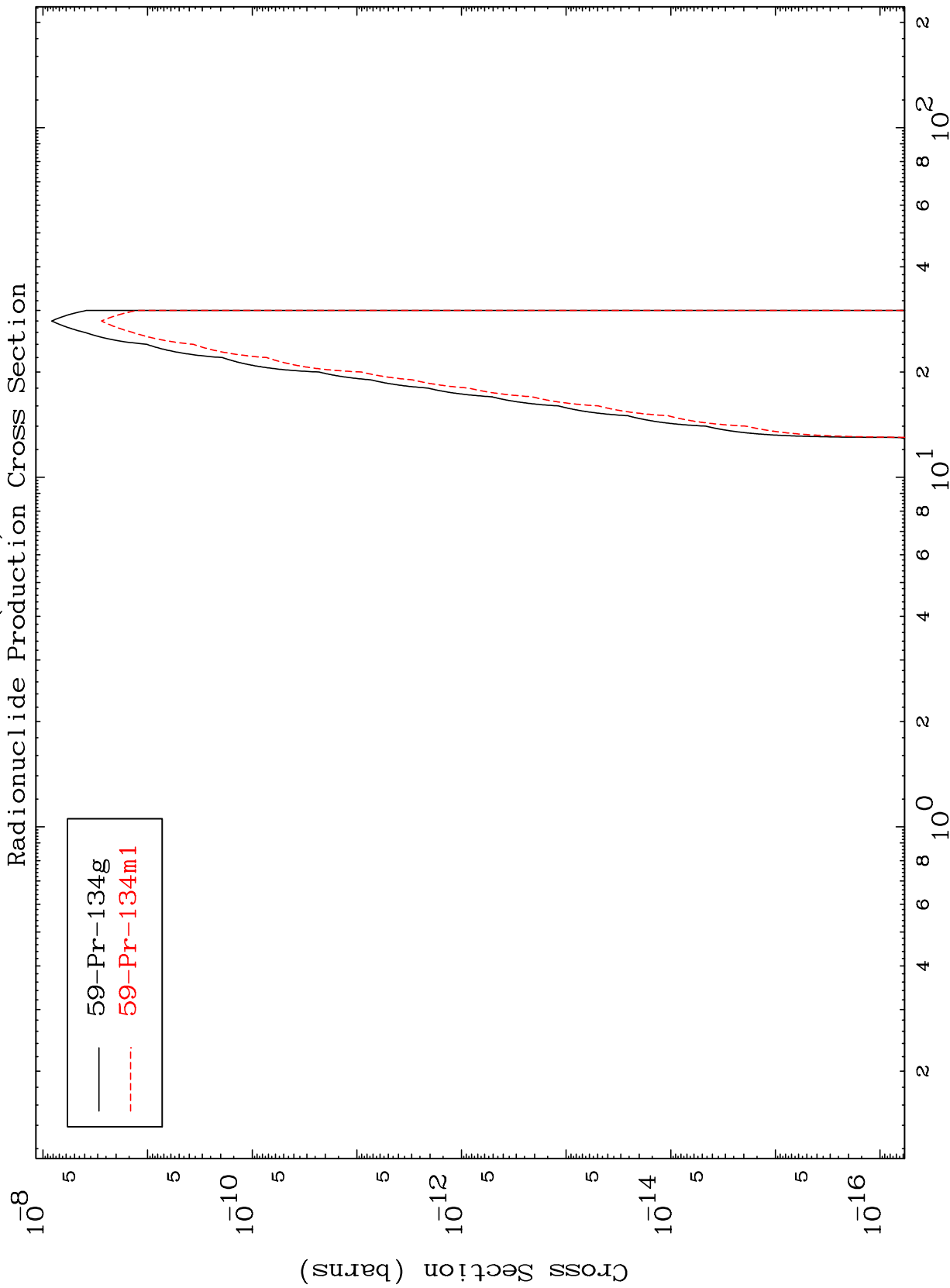
Radionuclide Production Cross Section
(t,2 α)



MAT 6398

64-Gd-143

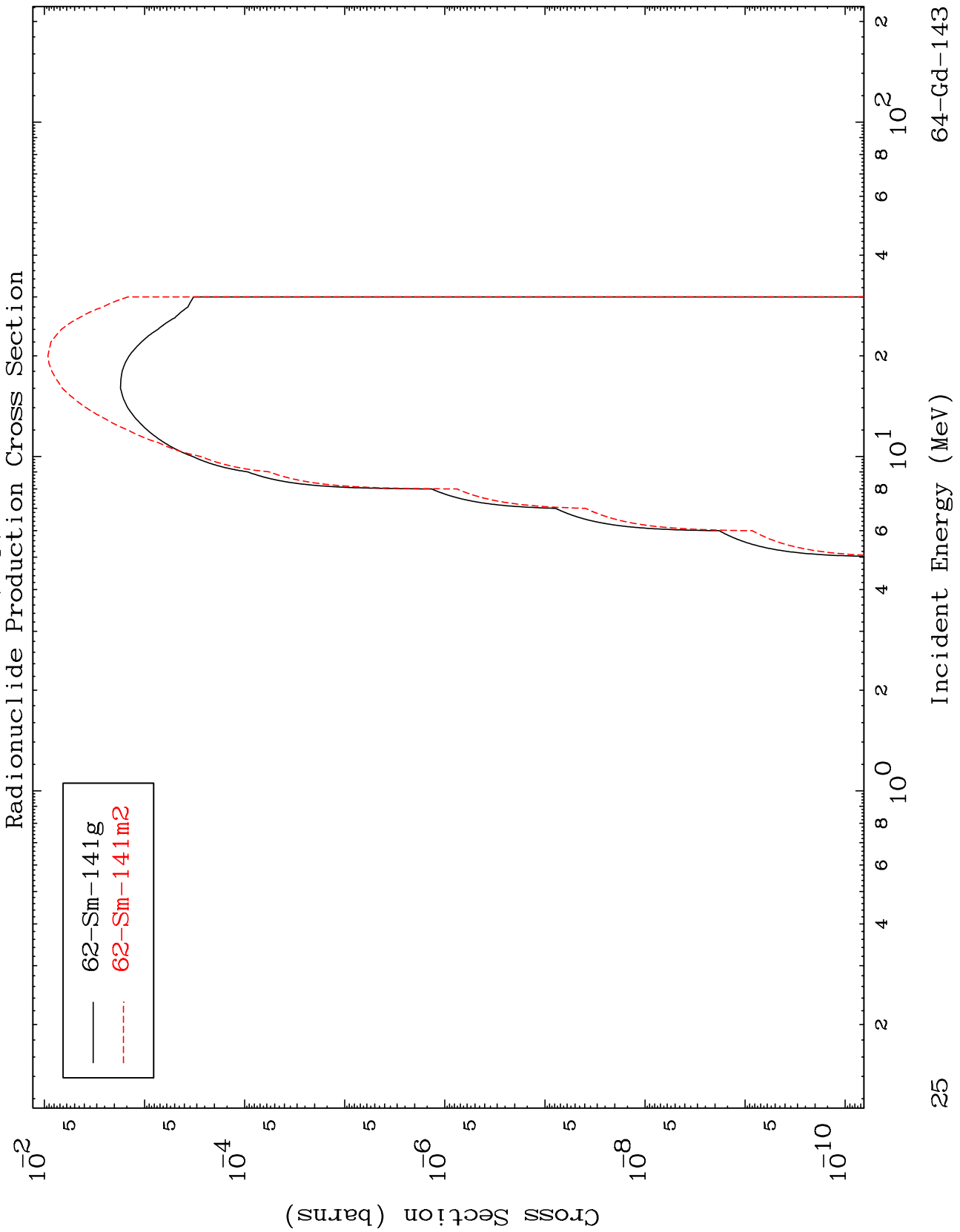
(t,3 α)
Radionuclide Production Cross Section



MAT 6398

(t,p) α

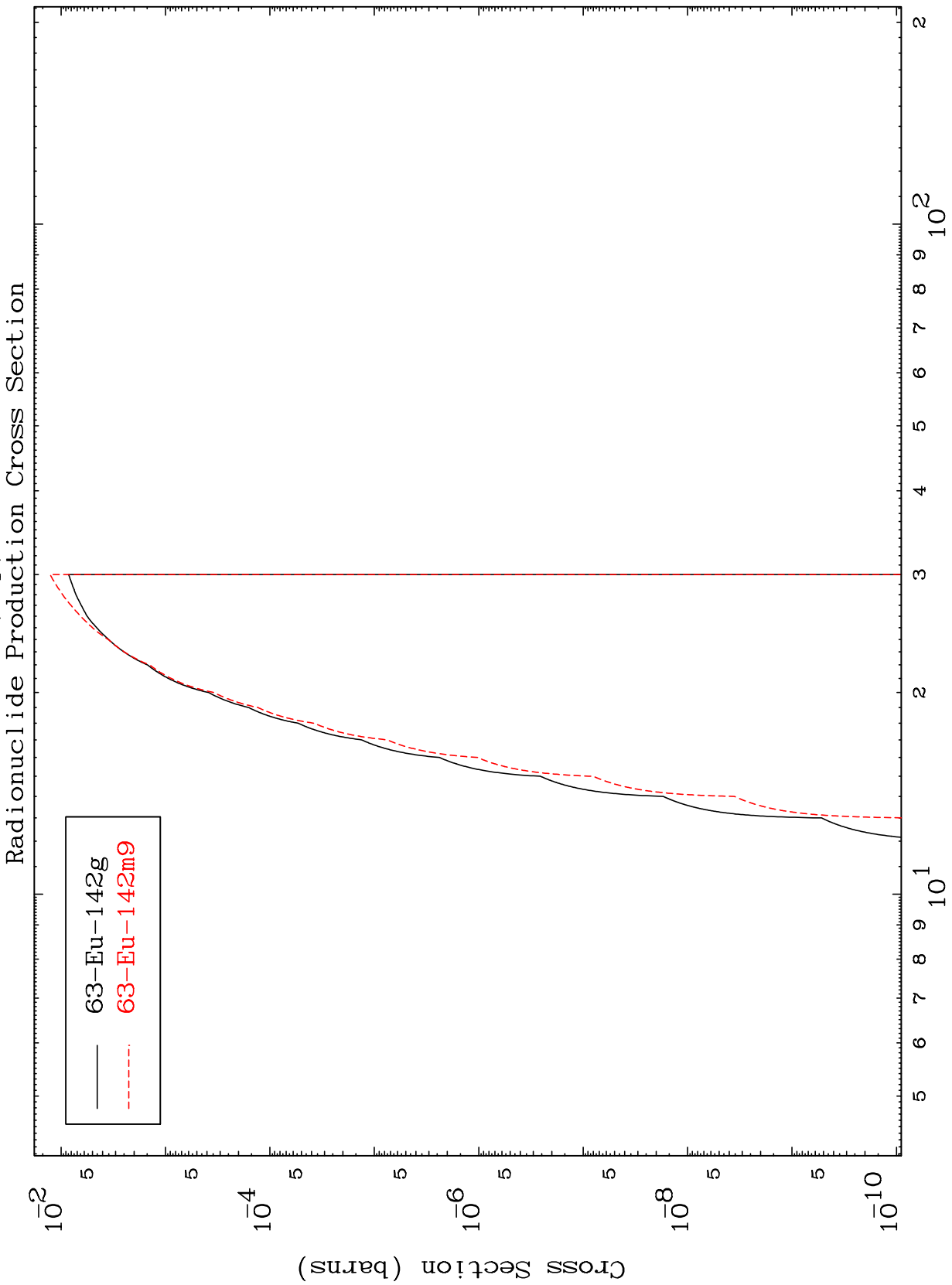
64-Gd-143



MAT 6398

(t,p) t

64-Gd-143



26

Incident Energy (MeV)

64-Gd-143