

Program EVALPLOT
(Version 2021-1)

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

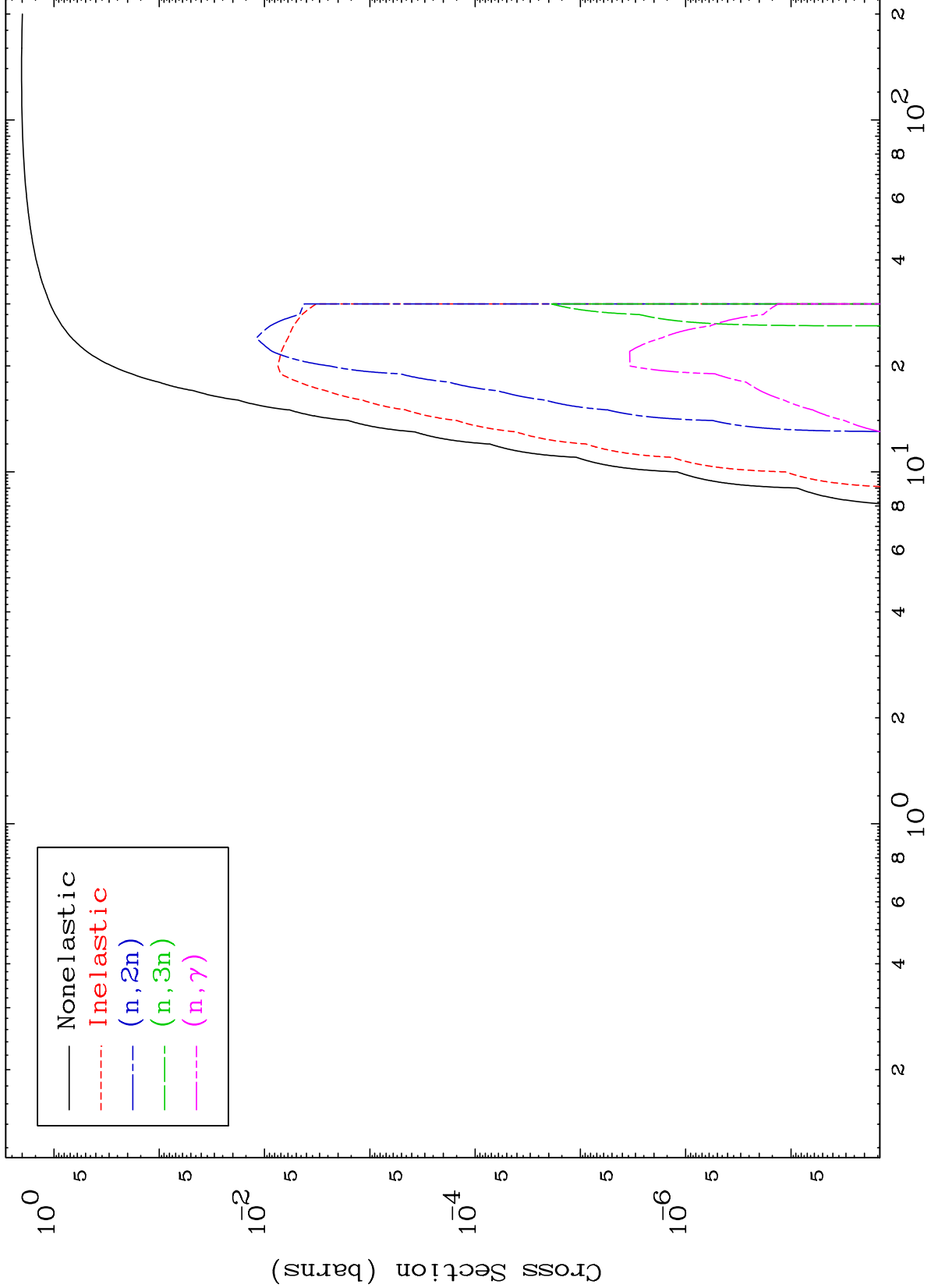
Press Mouse Button to Start

MAT 6399

He-3 Major

64-Gd-143m

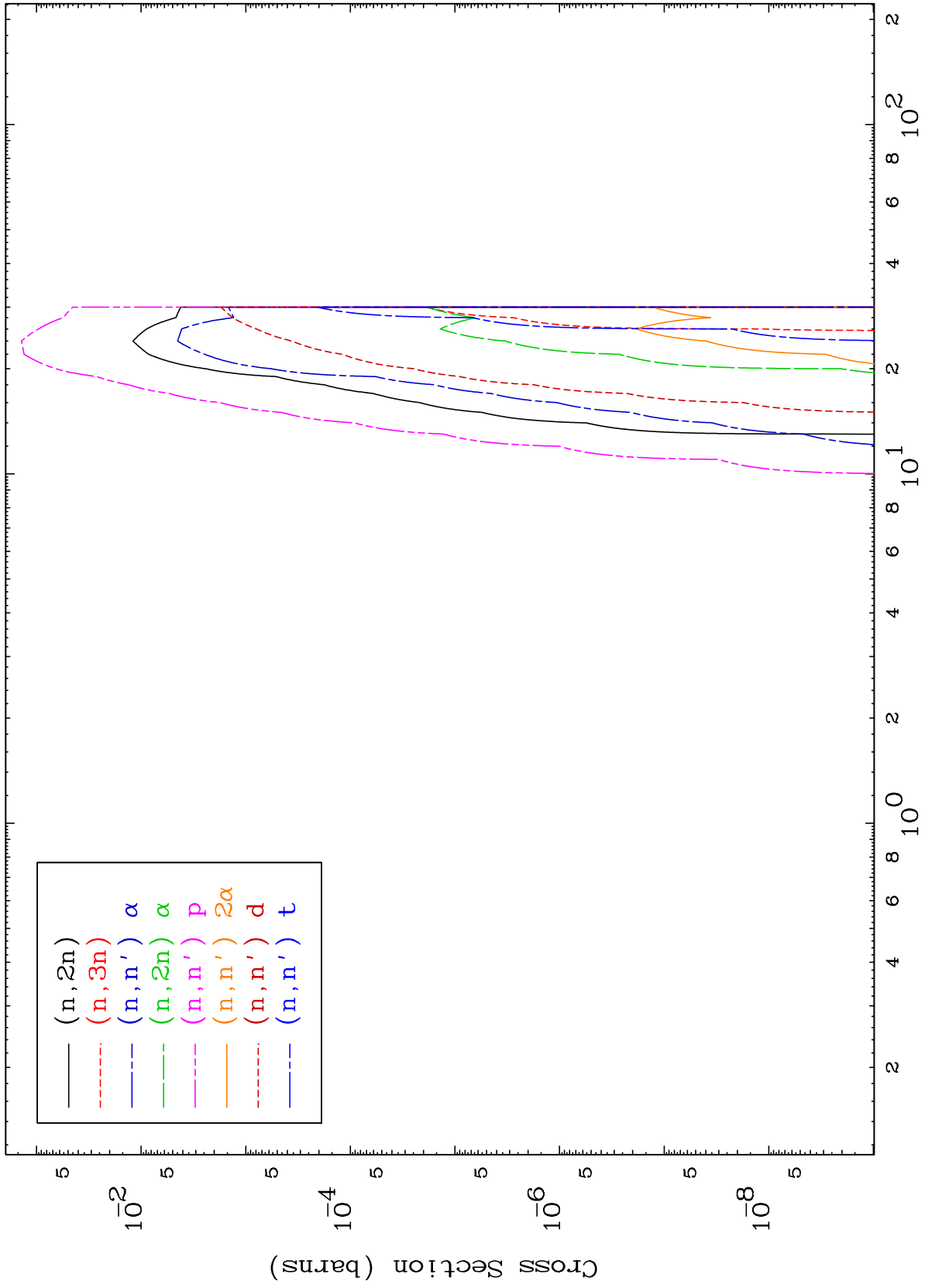
0 Kelvin Cross Sections



MAT 6399

He-3 Neutron Absorption
0 Kelvin Cross Sections

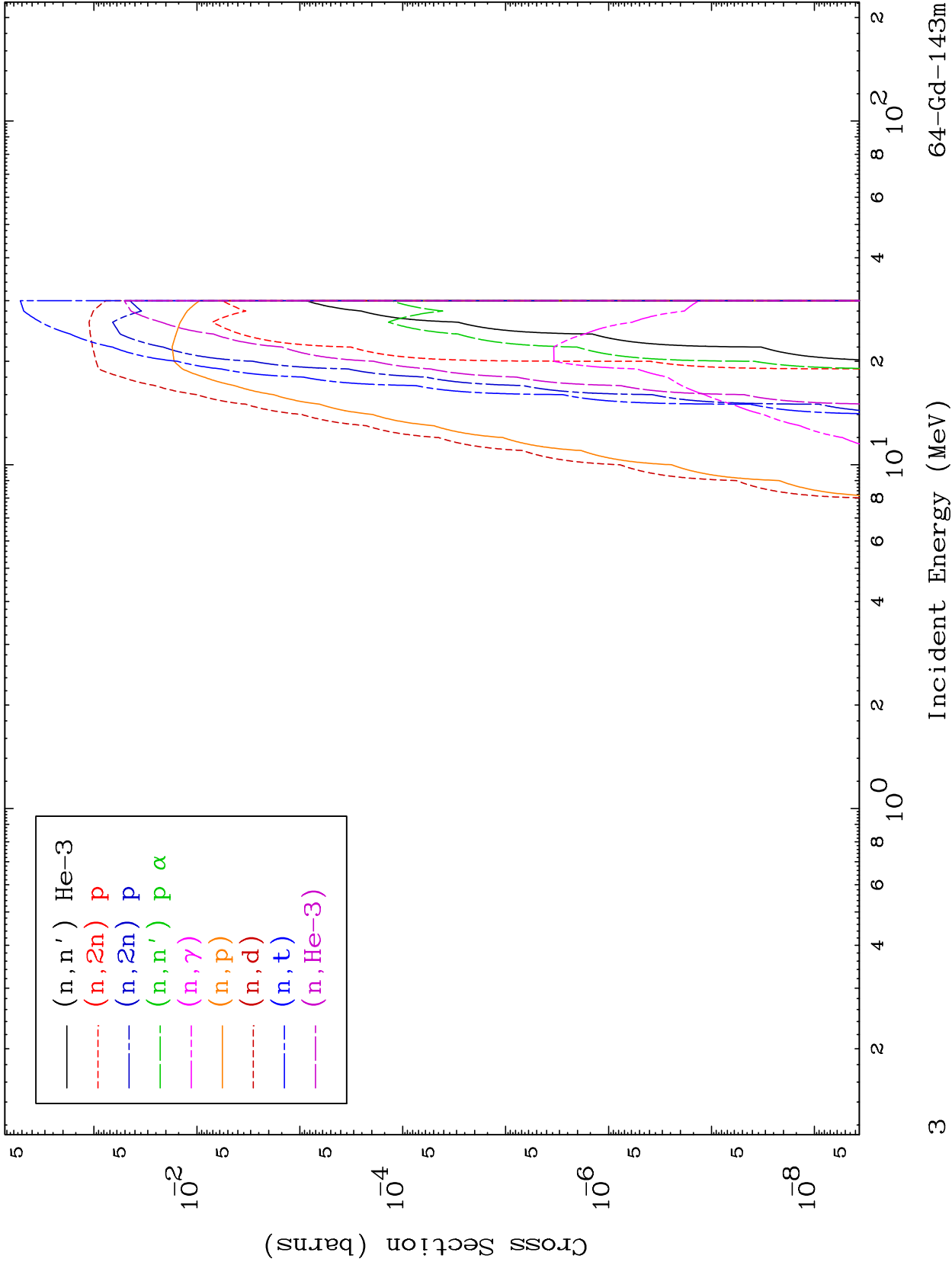
64-Gd-143m



MAT 6399

He-3 Neutron Absorption
0 Kelvin Cross Sections

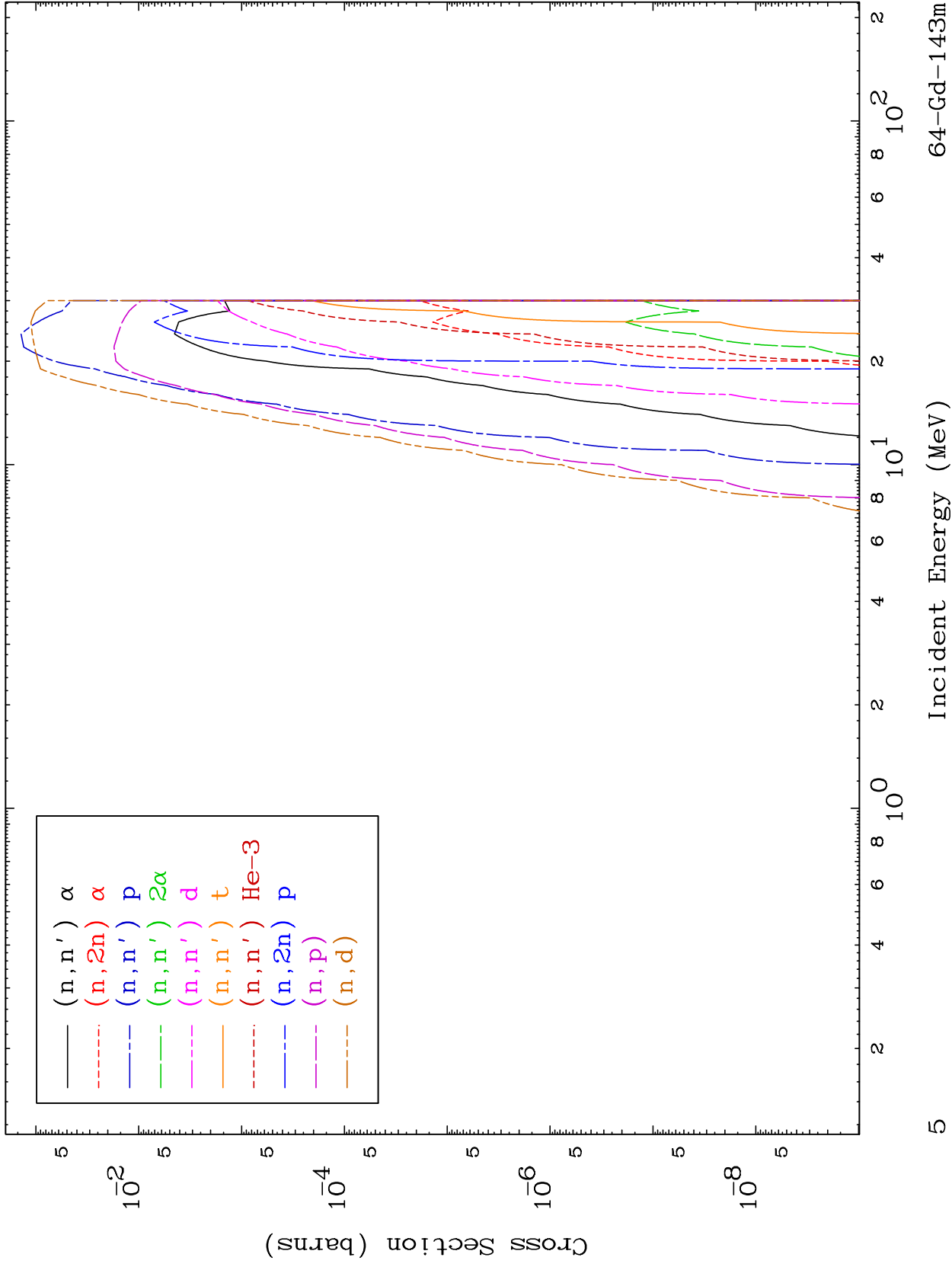
64-Gd-143m



MAT 6399

He-3 Charged Particle
0 Kelvin Cross Sections

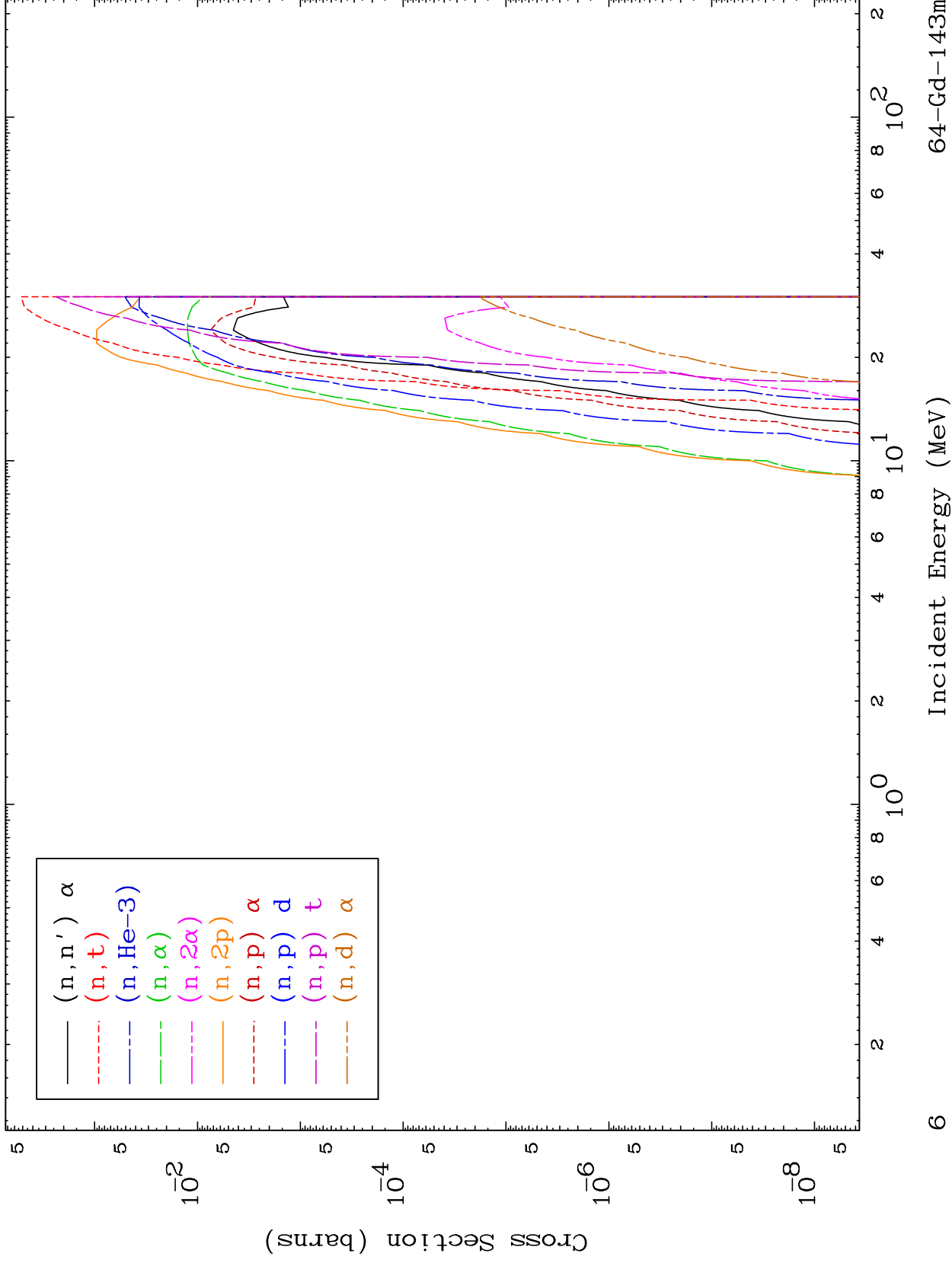
64-Gd-143m



MAT 6399

He-3 Charged Particle
0 Kelvin Cross Sections

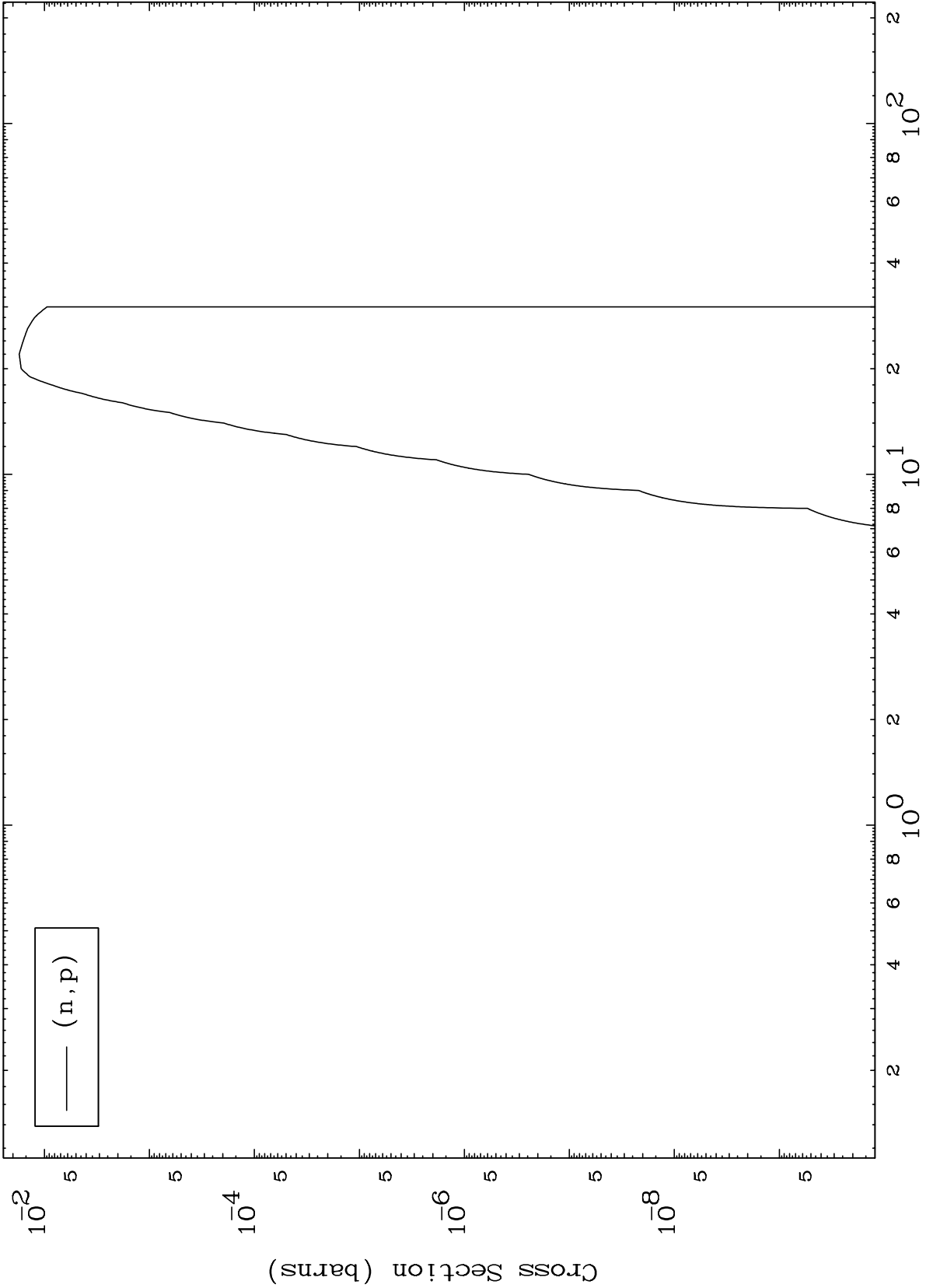
64-Gd-143m



MAT 6399

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

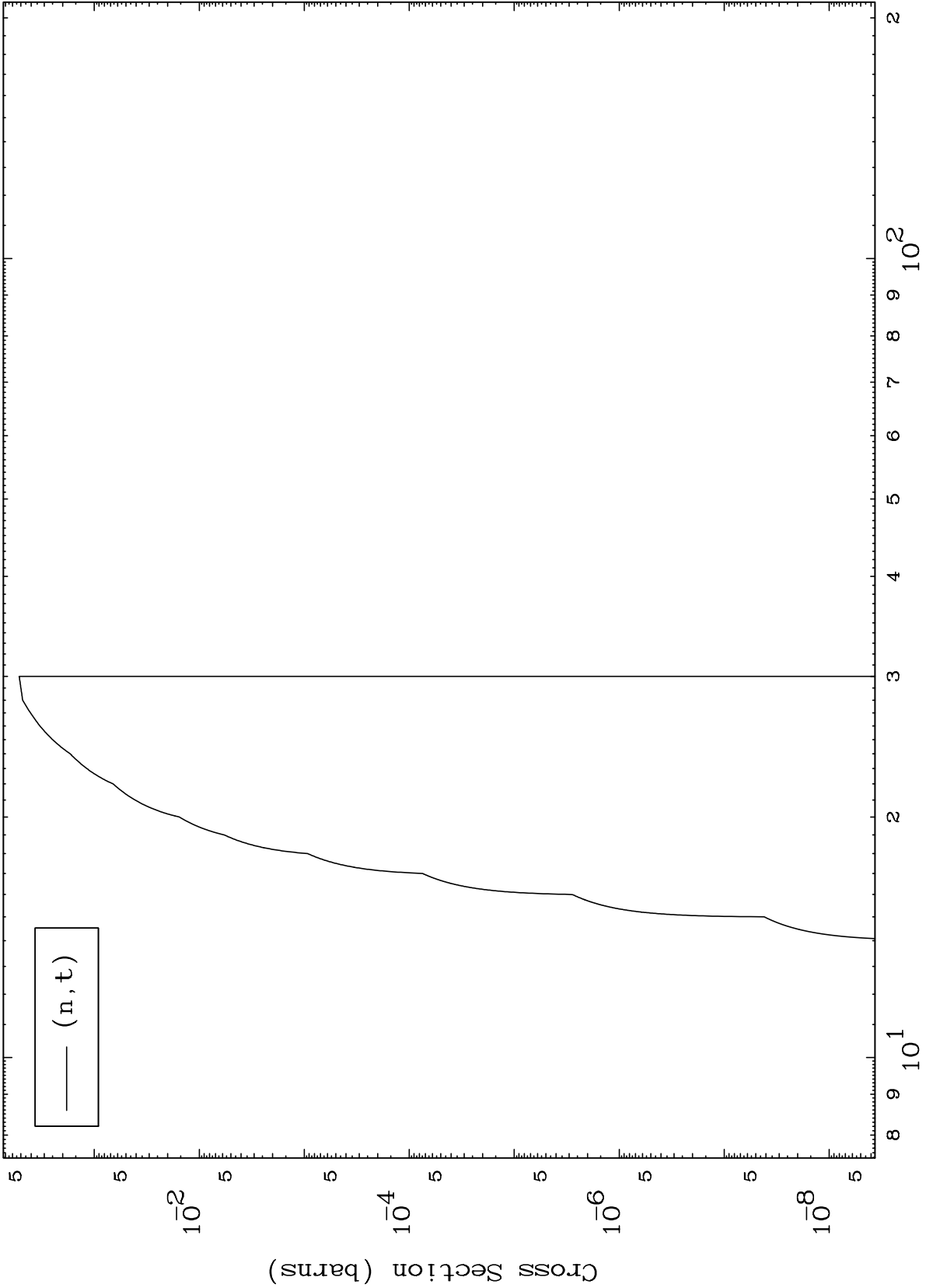
64-Gd-143m



MAT 6399

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

64-Gd-143m



9

Incident Energy (MeV)

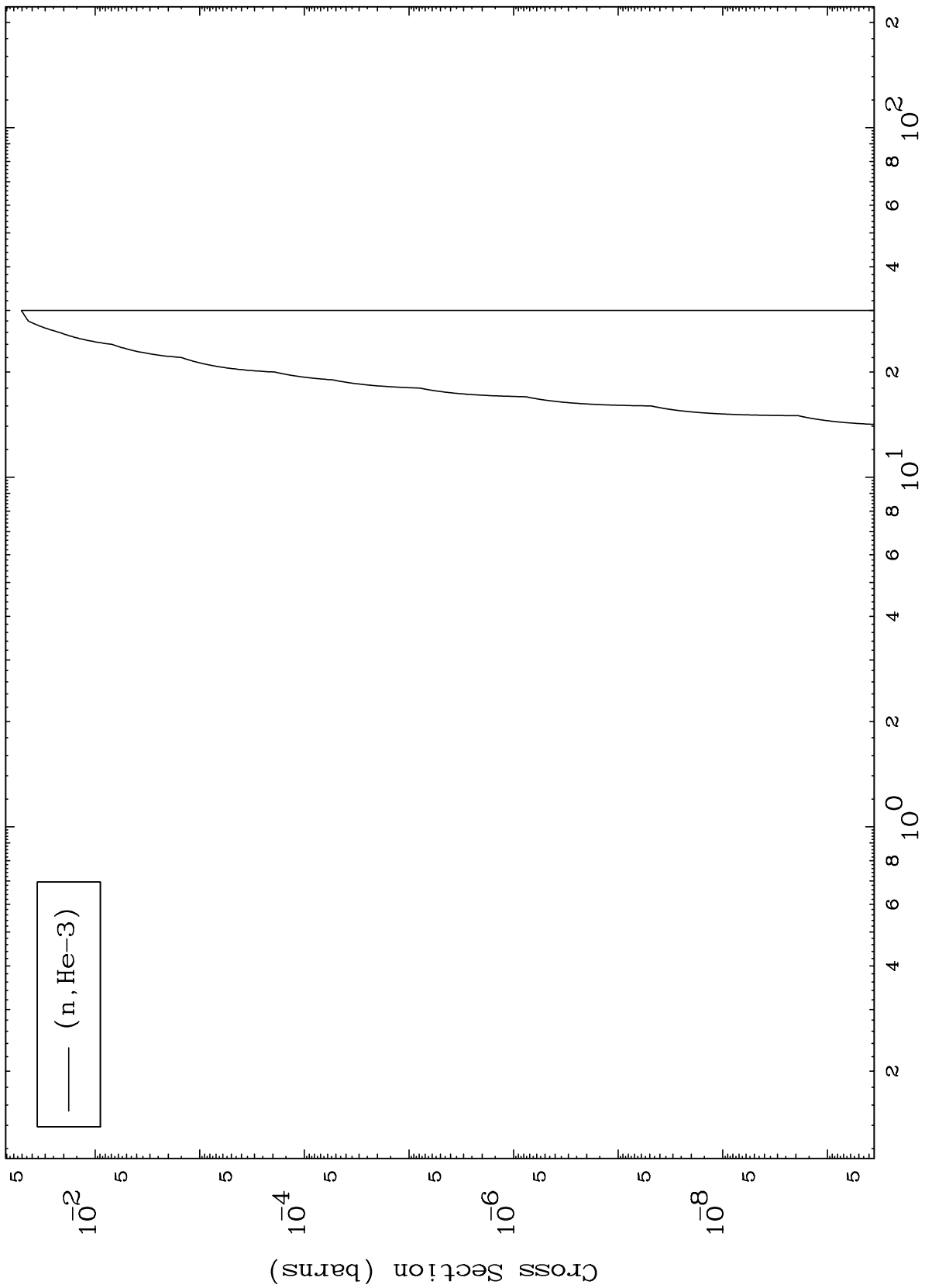
64-Gd-143m

MAT 6399

(He-3, He3) Levels

64-Gd-143m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

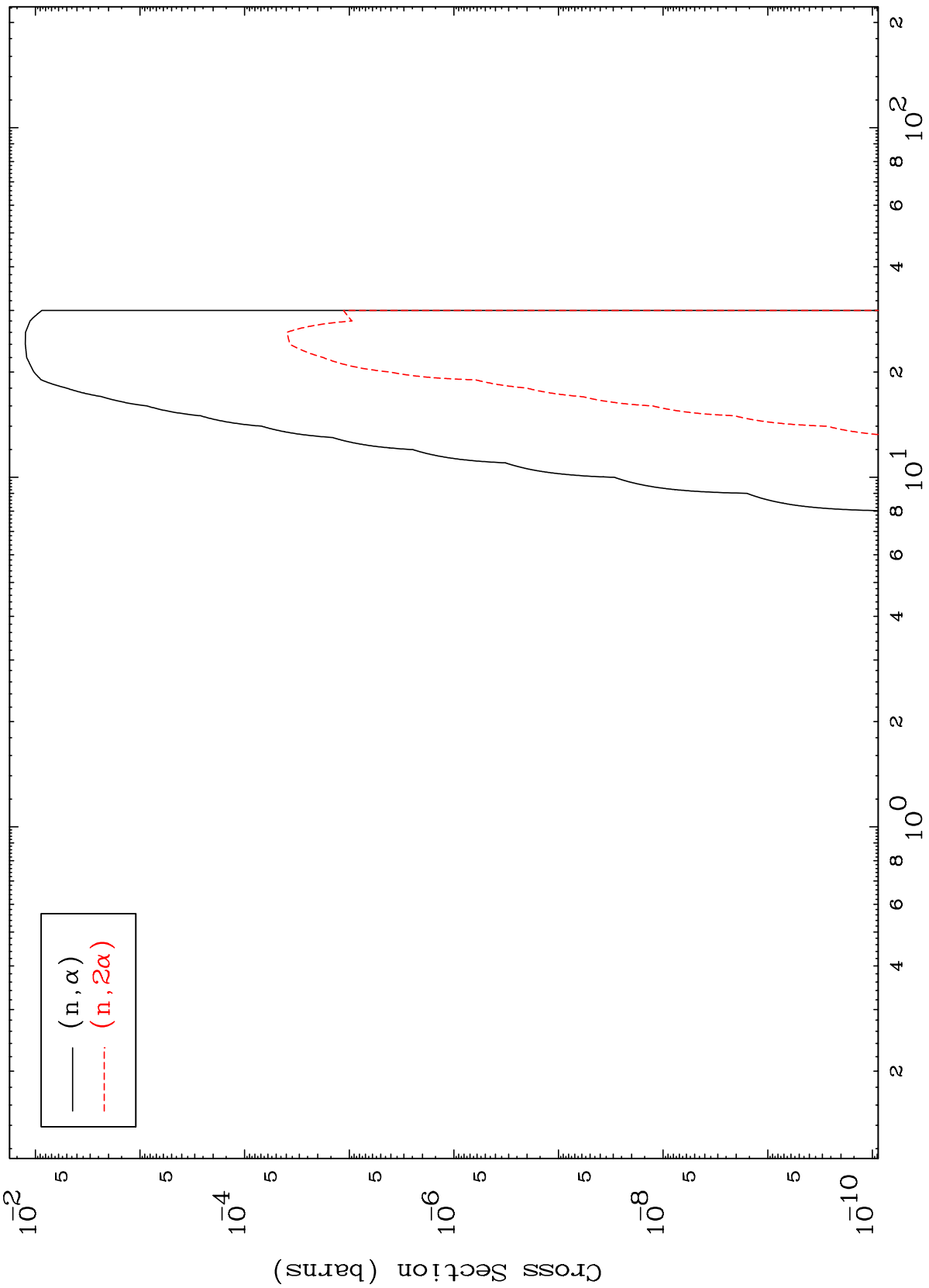
64-Gd-143m

MAT 6399

(He-3, α) Levels

64-Gd-143m

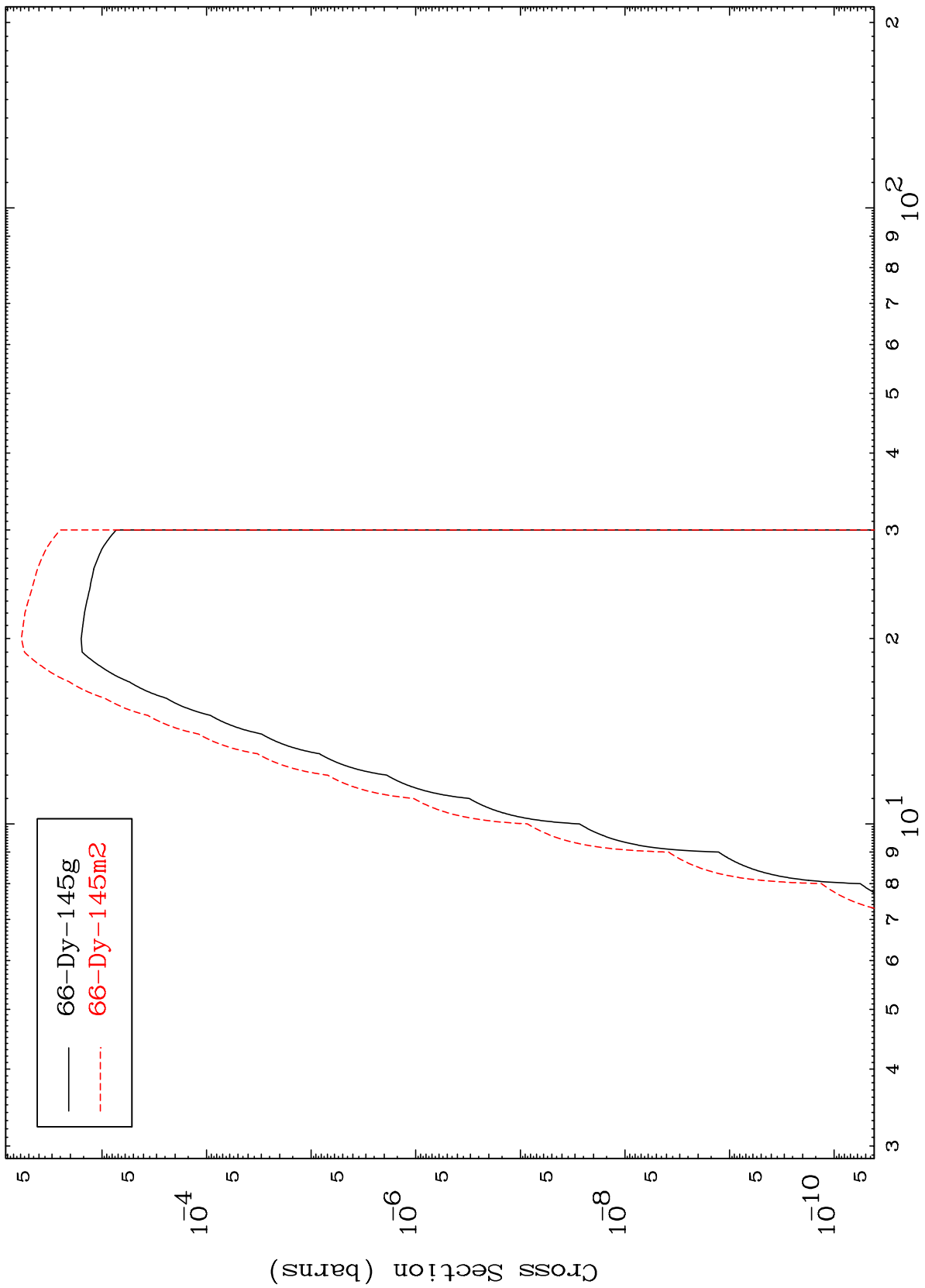
0 Kelvin Cross Sections



MAT 6399

64-Gd-143m

Radionuclide Production Cross Section



64-Gd-143m

Incident Energy (MeV)

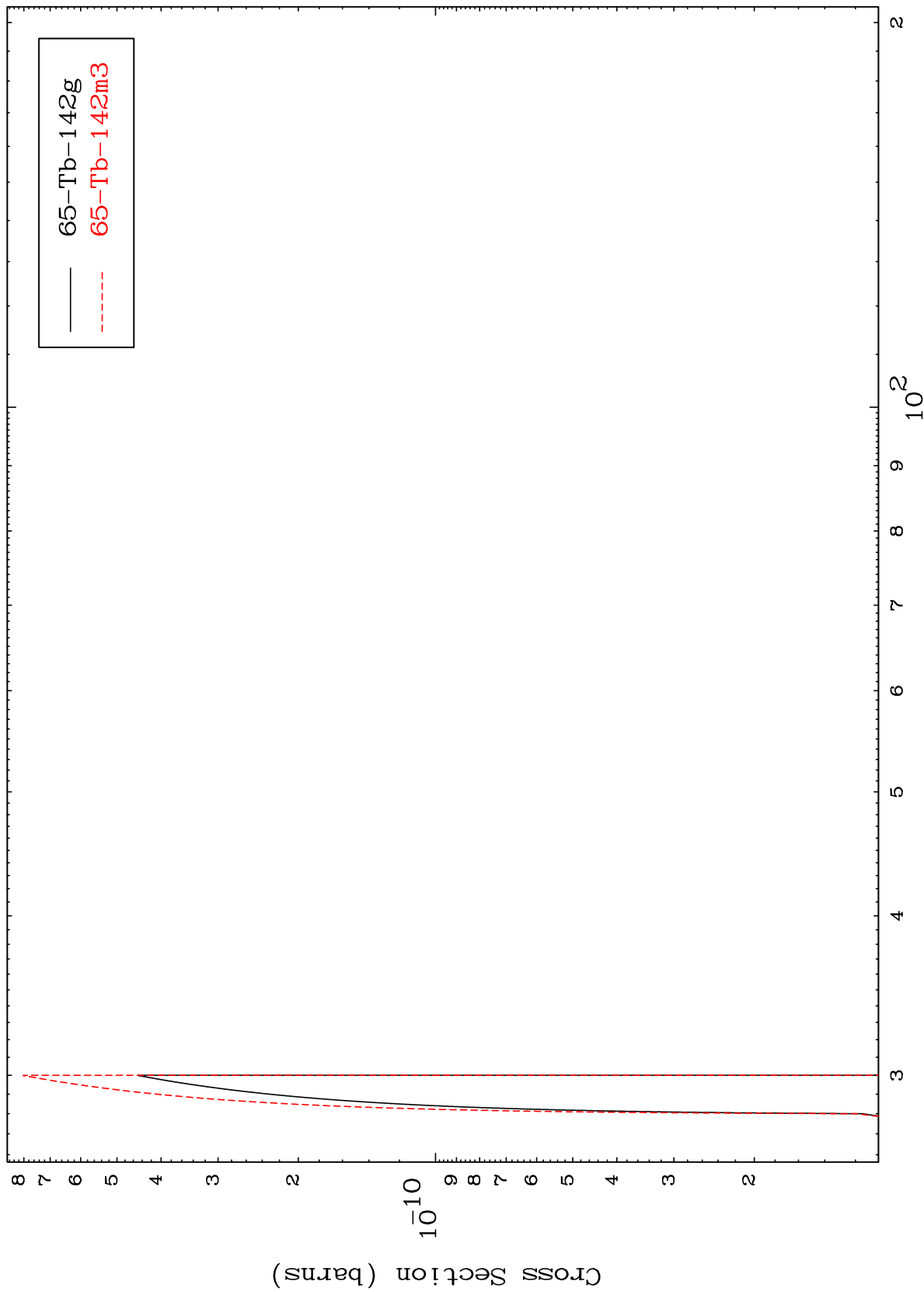
12

MAT 6399

(n,2n) d

64-Gd-143m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

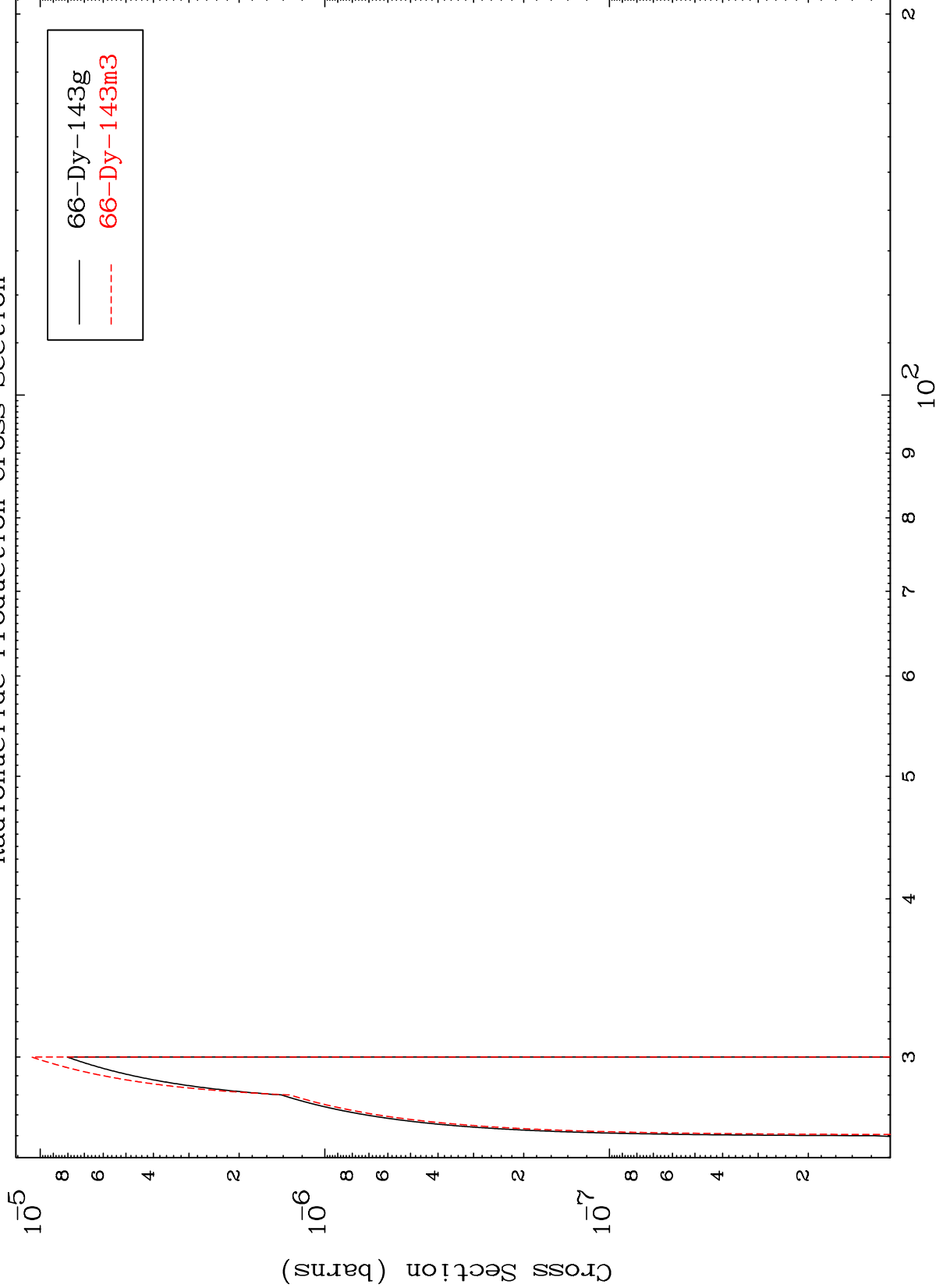
64-Gd-143m

MAT 6399

(n,3n)

64-Gd-143m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

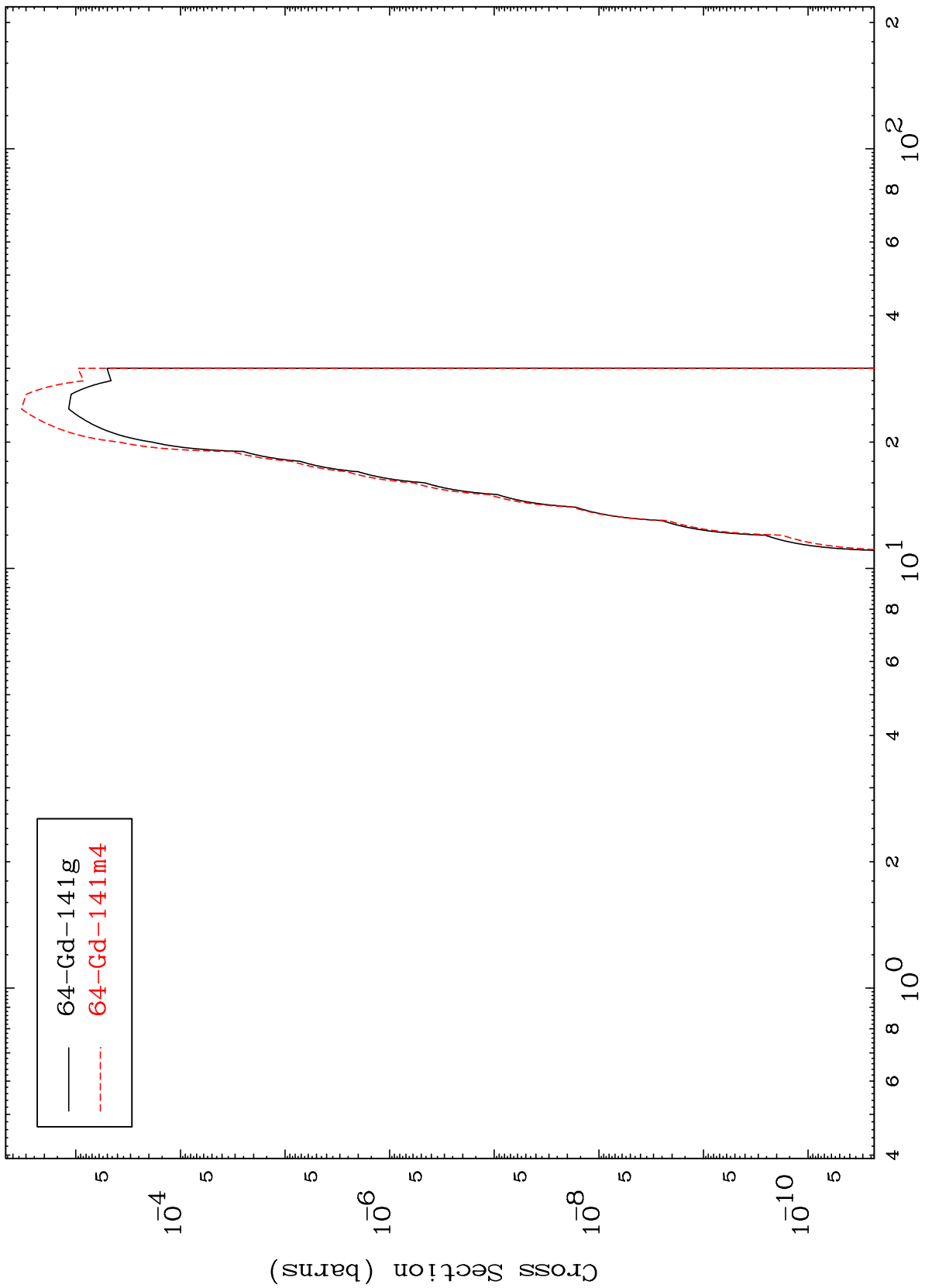
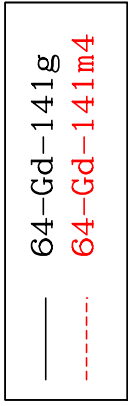
64-Gd-143m

MAT 6399

(n, n') α

64-Gd-143m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

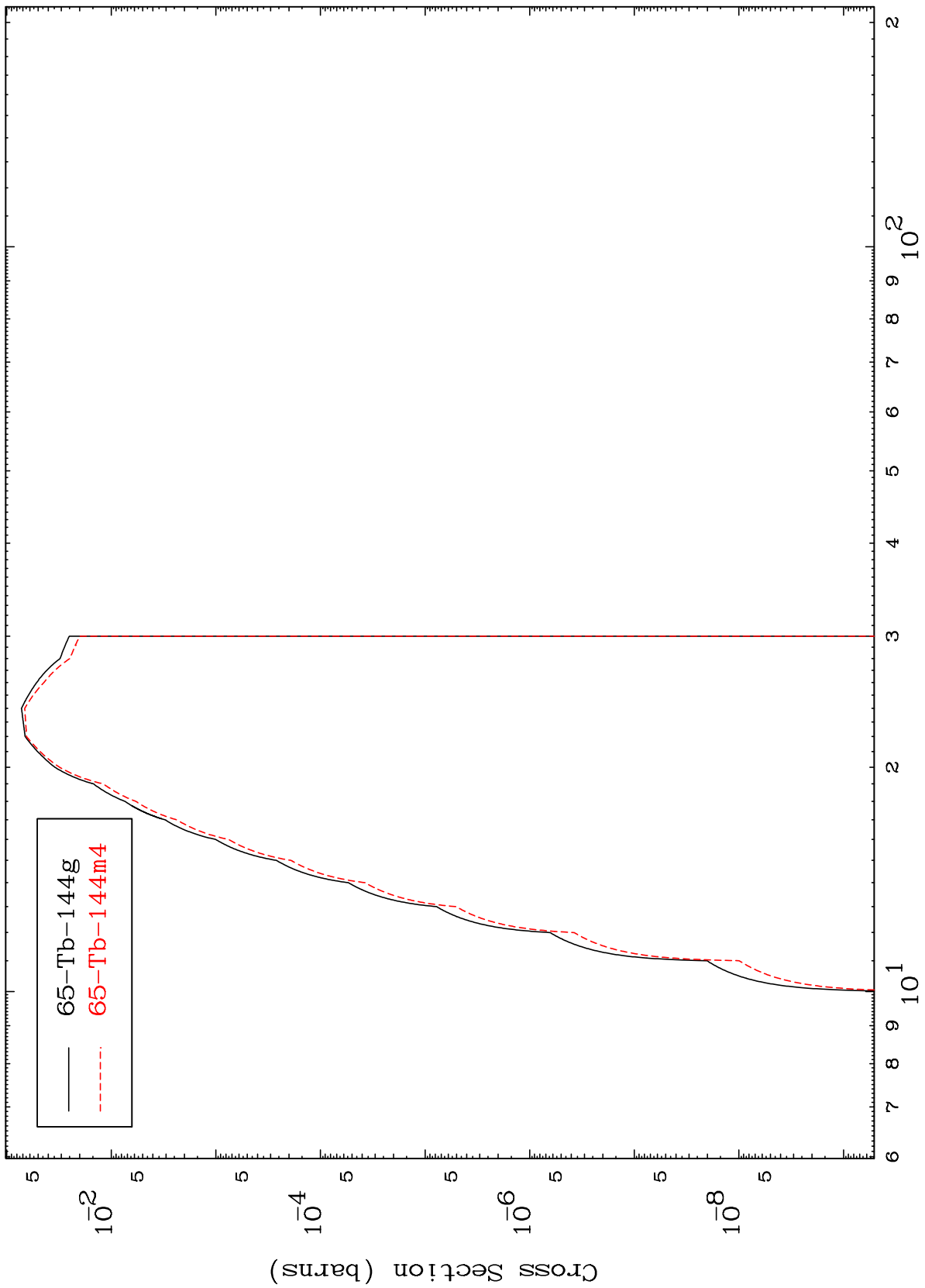
64-Gd-143m

MAT 6399

(n,n') p

64-Gd-143m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

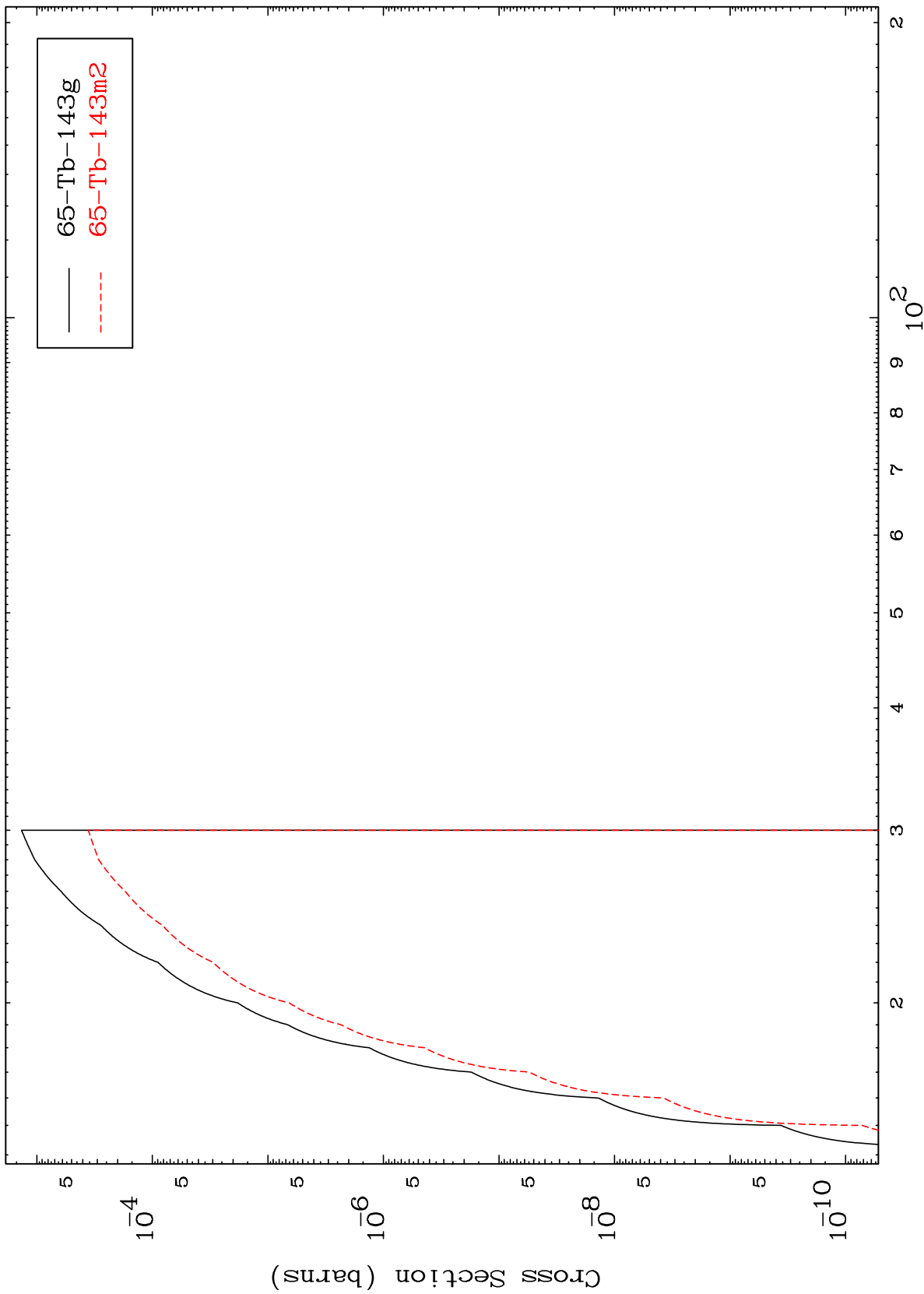
64-Gd-143m

MAT 6399

(n,n') d

64-Gd-143m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

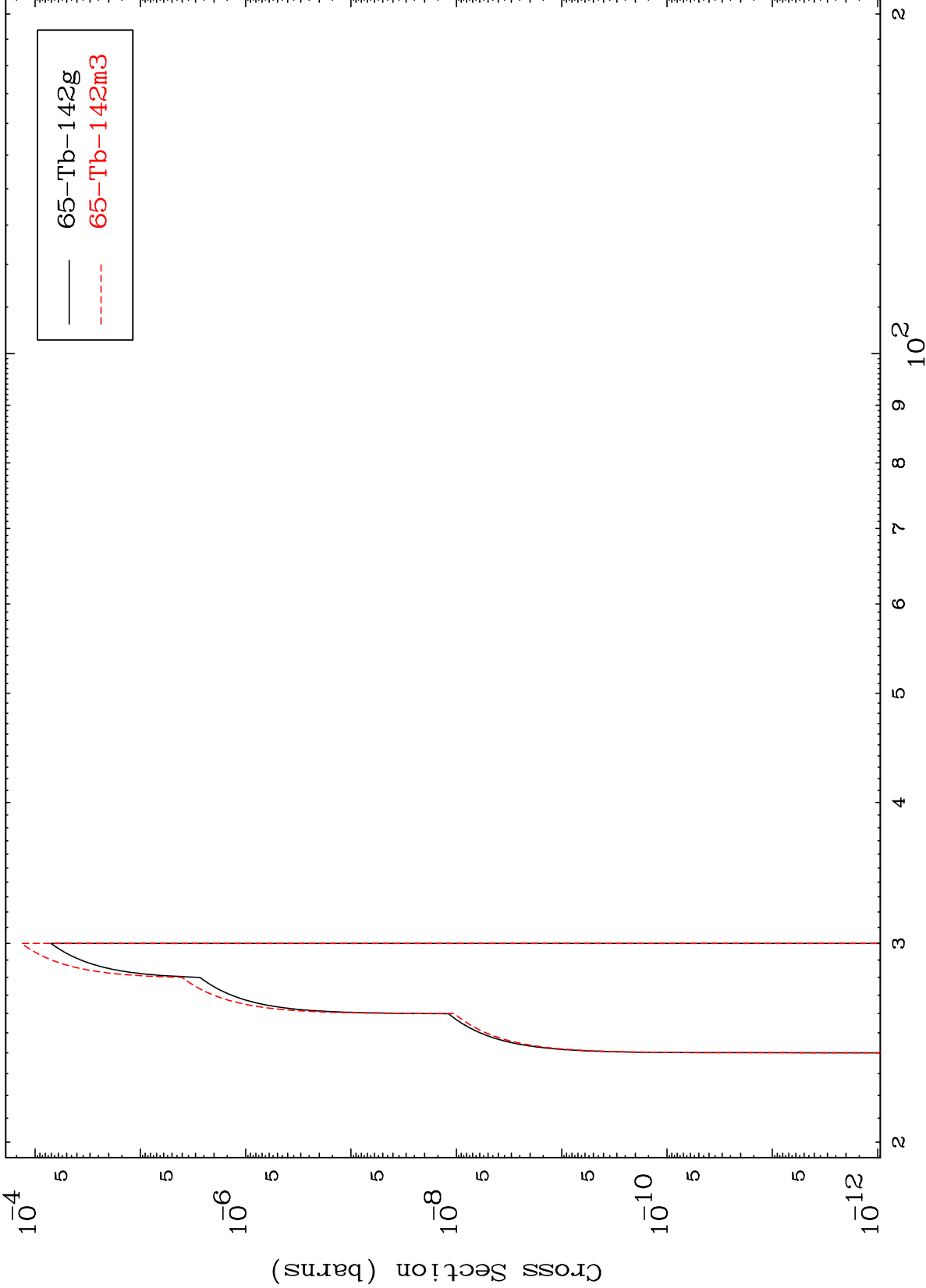
64-Gd-143m

MAT 6399

(n,n') t

64-Gd-143m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

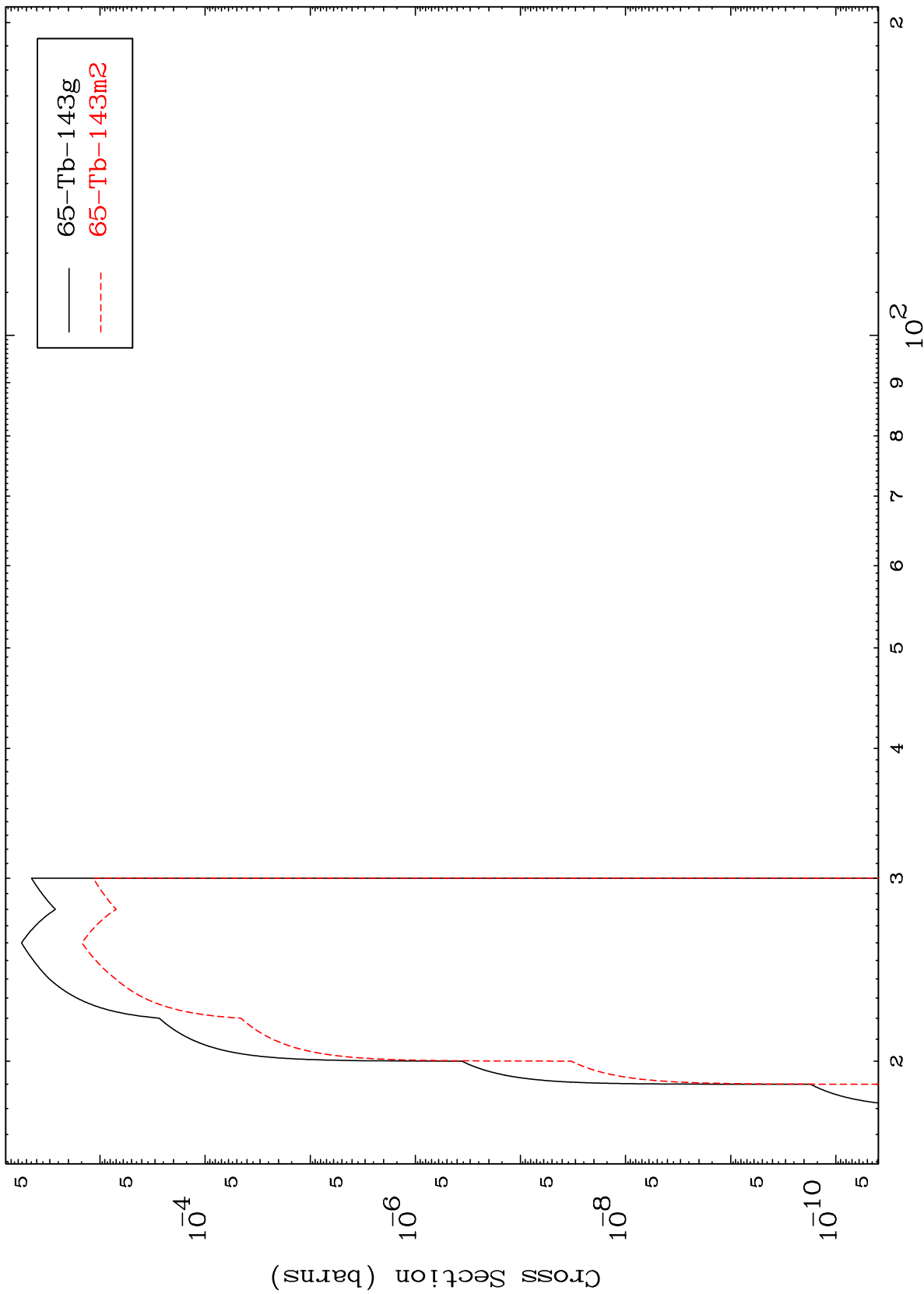
64-Gd-143m

MAT 6399

(n,2n) p

64-Gd-143m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

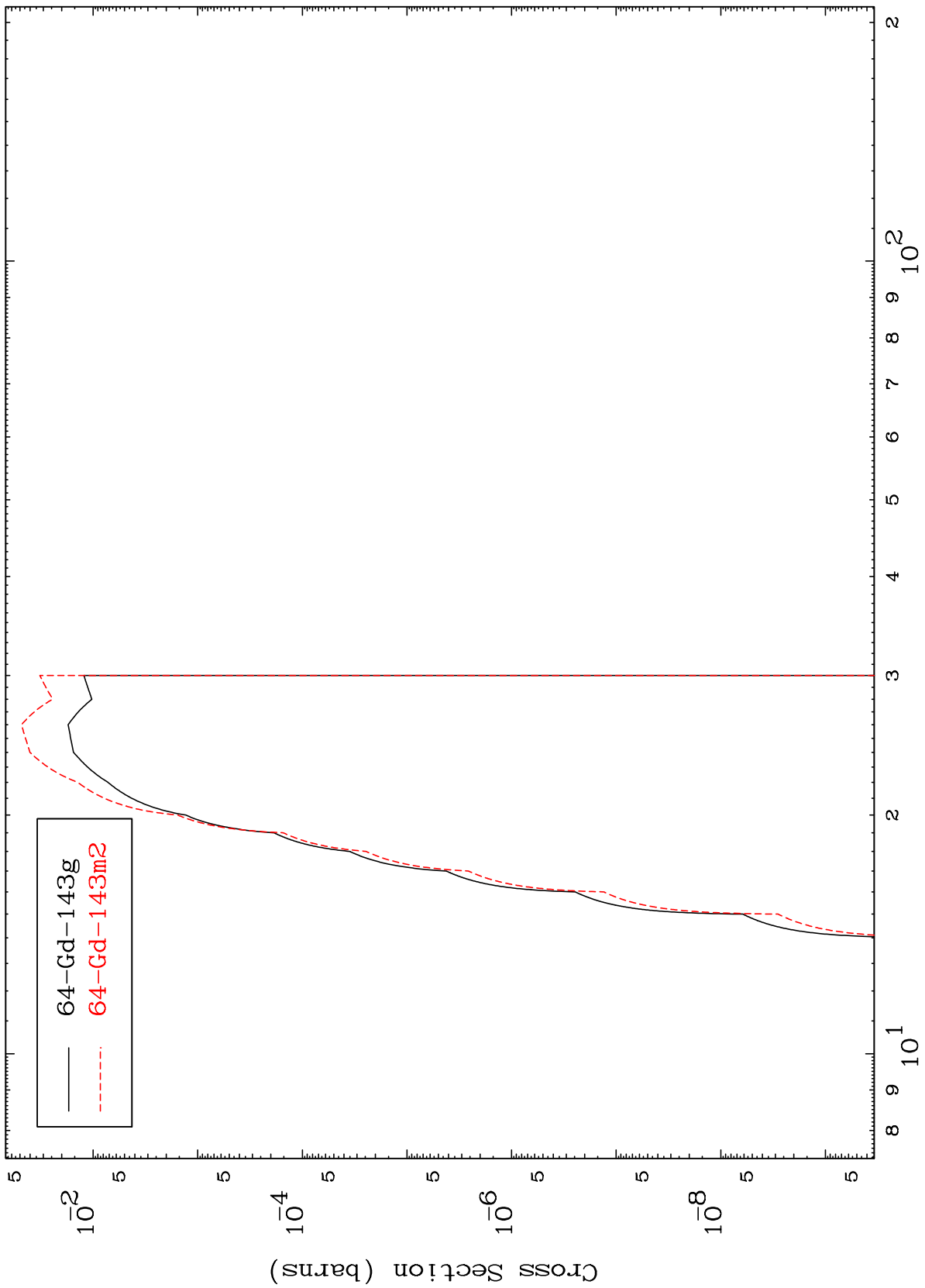
64-Gd-143m

MAT 6399

(n,2n) p

64-Gd-143m

Radionuclide Production Cross Section



Incident Energy (MeV)

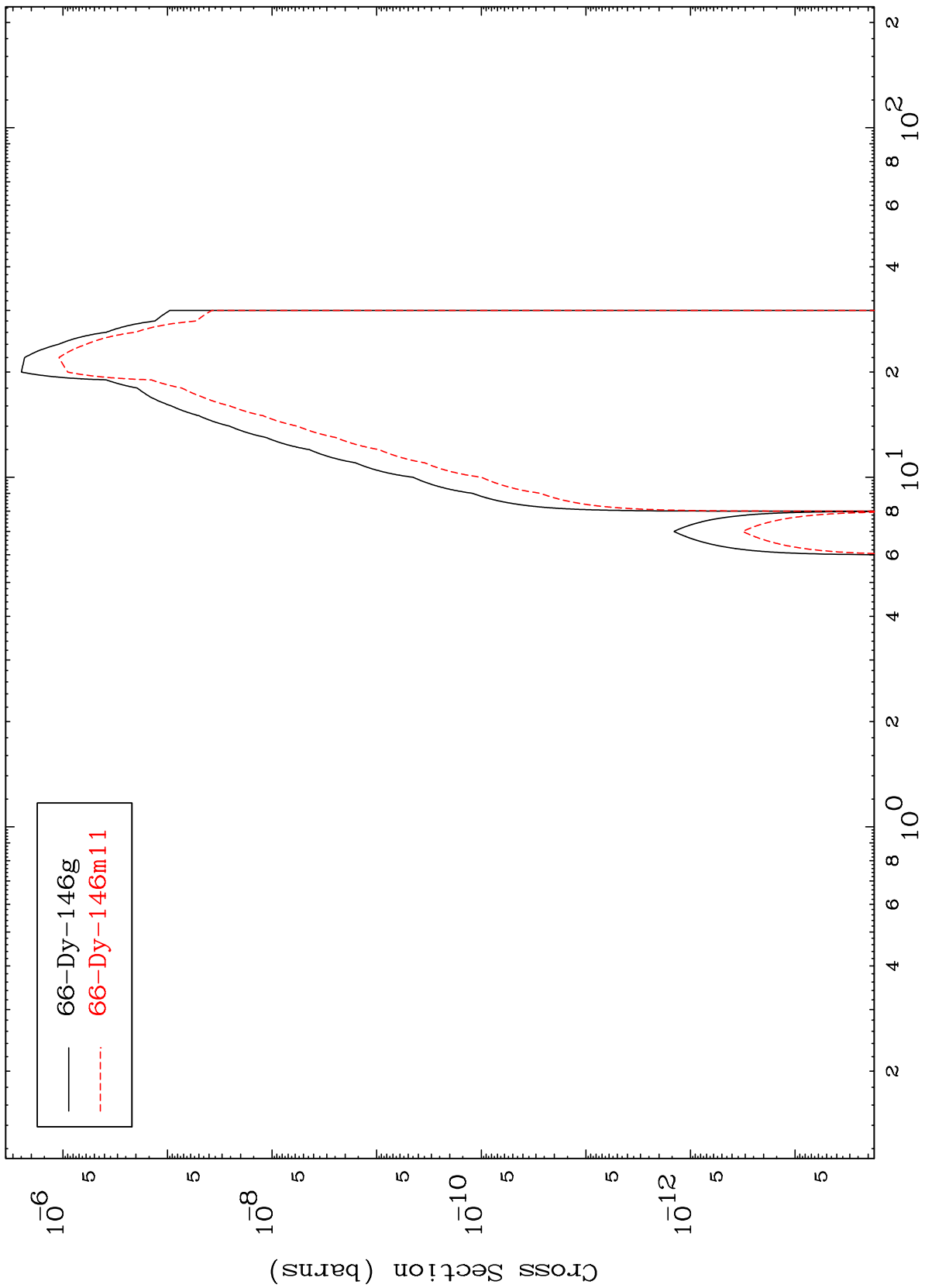
64-Gd-143m

20

MAT 6399

64-Gd-143m

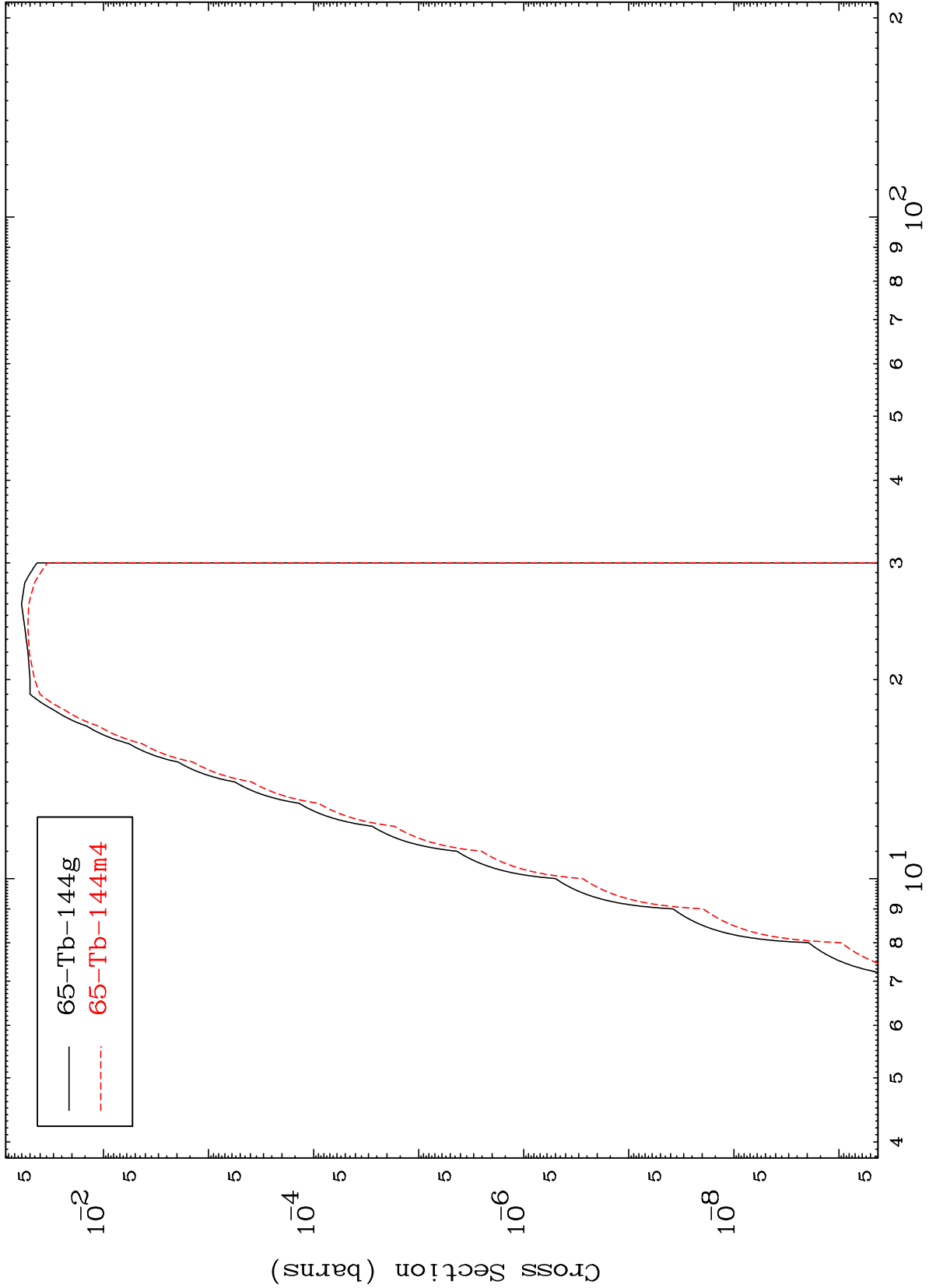
(n, γ)
Radionuclide Production Cross Section



MAT 6399

64-Gd-143m

(n, d)
Radionuclide Production Cross Section



— 65-Tb-144g
- - - 65-Tb-144m4

64-Gd-143m

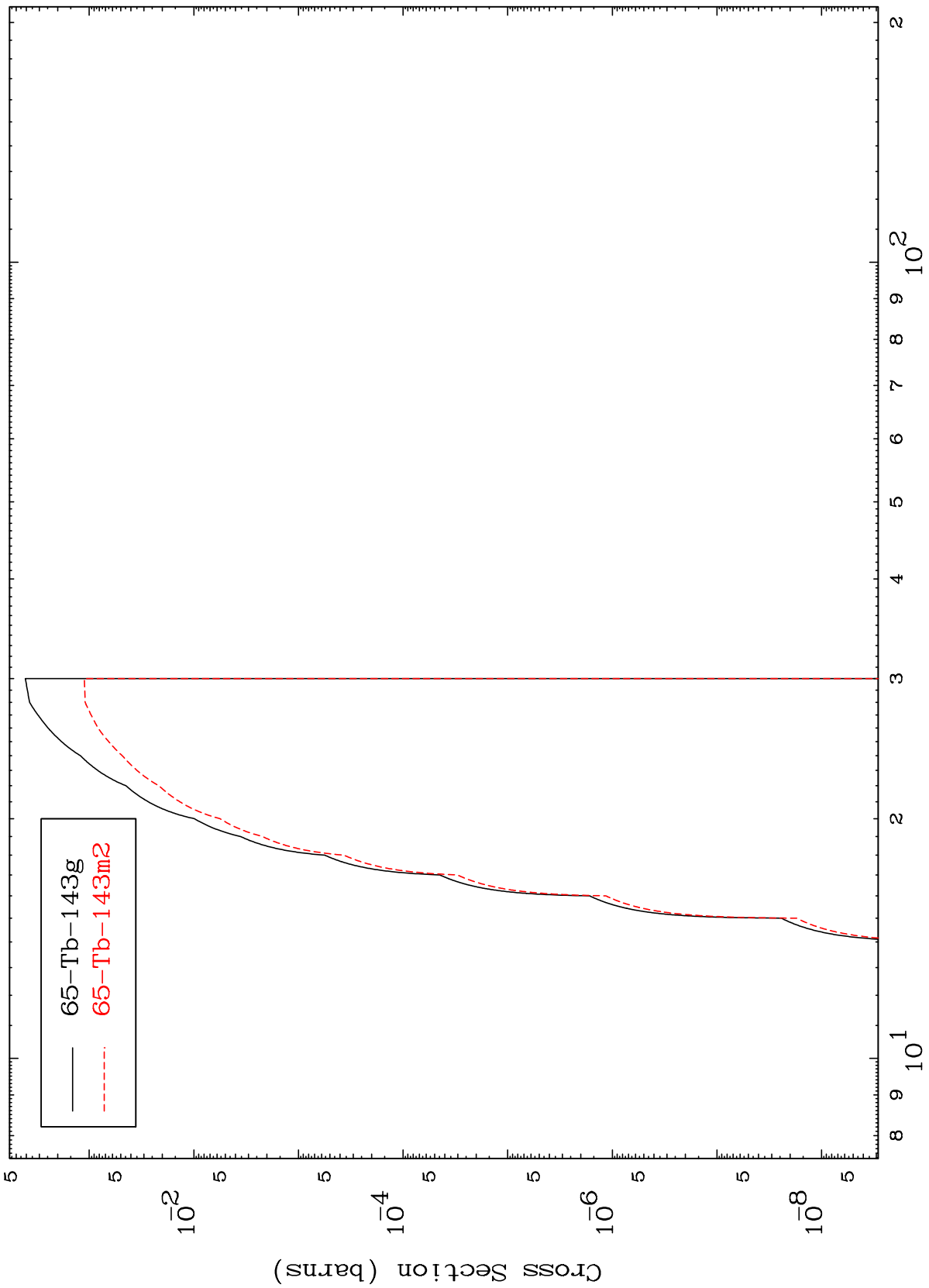
Incident Energy (MeV)

22

MAT 6399

64-Gd-143m

(n, t)
Radionuclide Production Cross Section



23

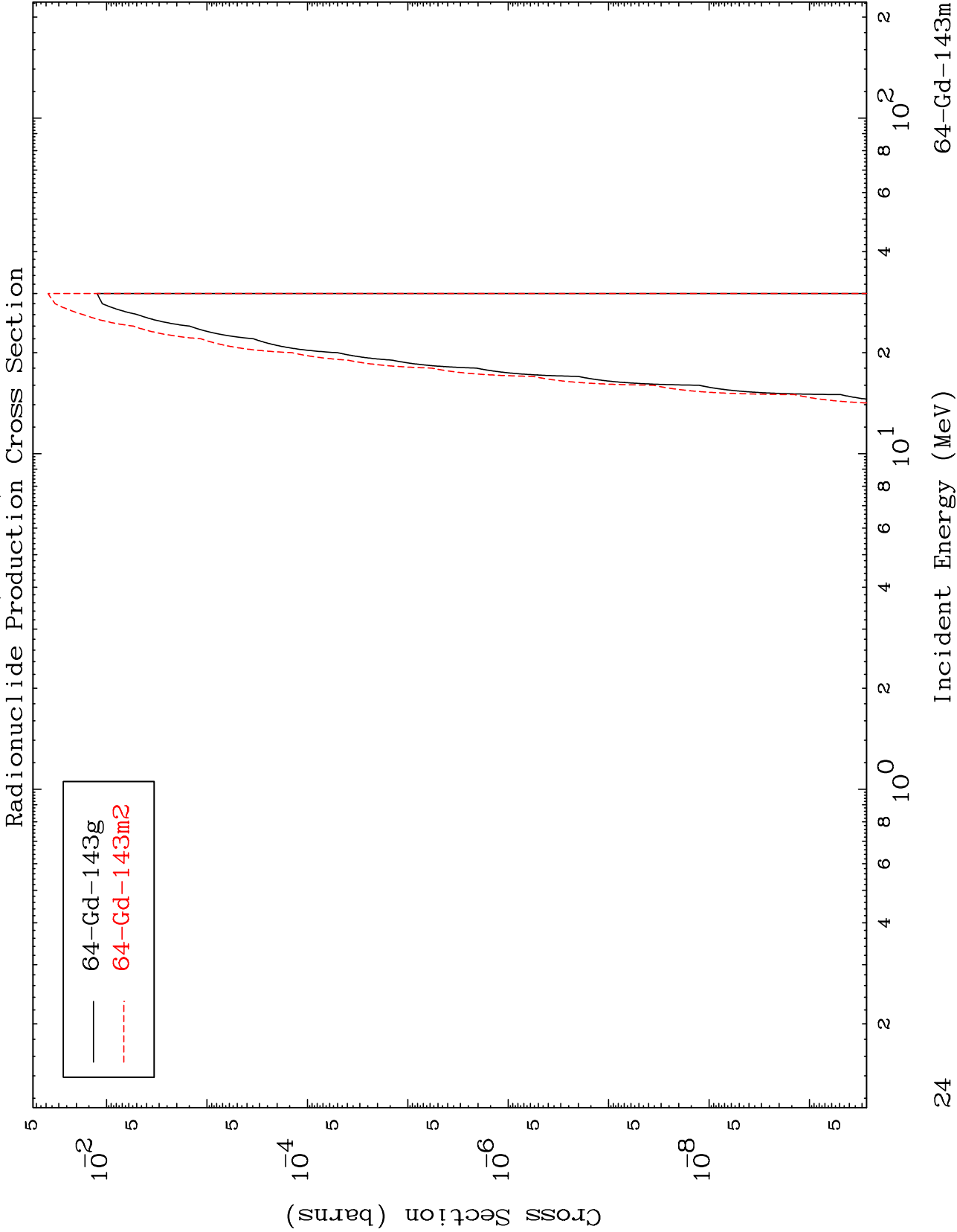
Incident Energy (MeV)

64-Gd-143m

MAT 6399

(n,He-3)

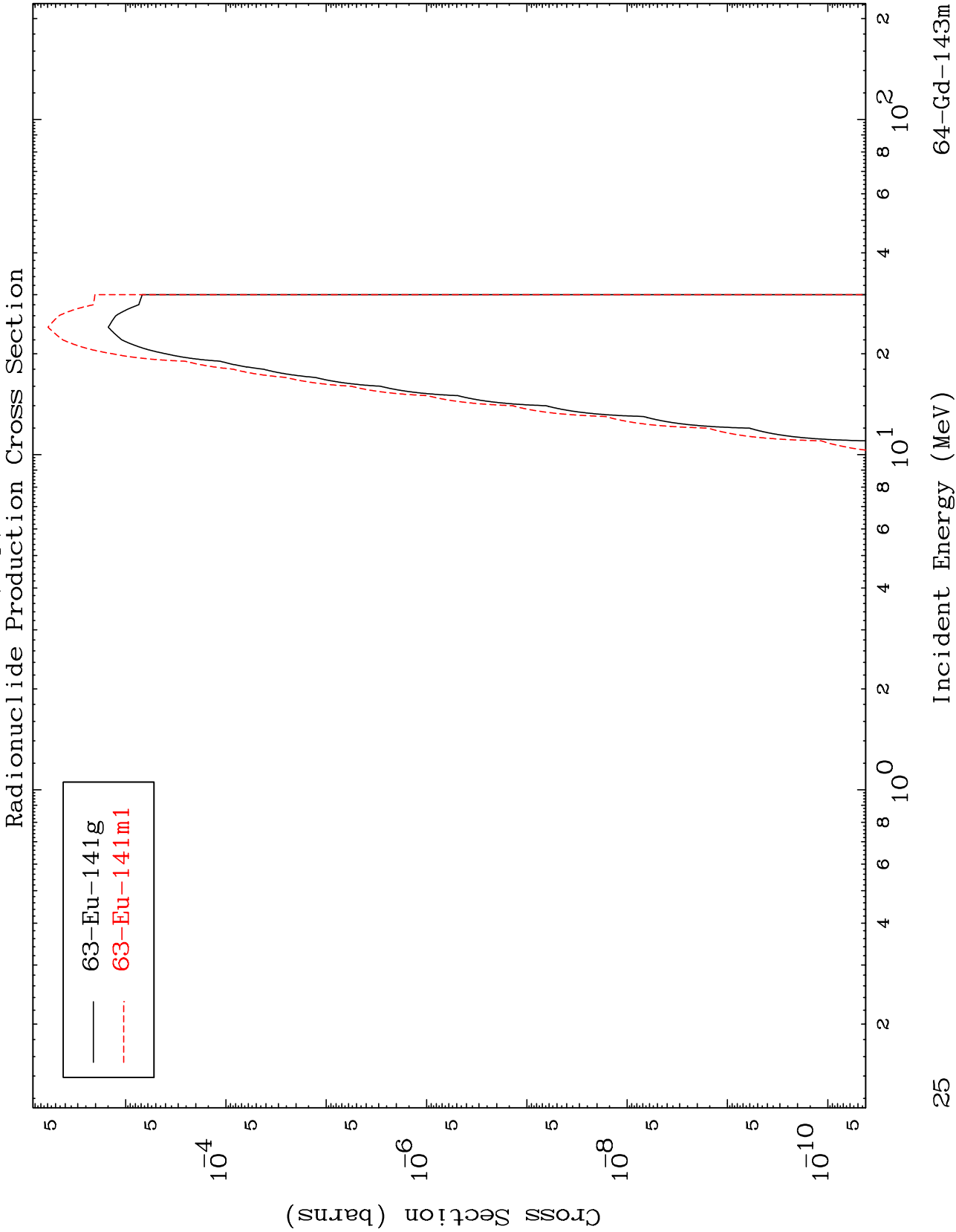
64-Gd-143m



MAT 6399

(n,p) α

64-Gd-143m



MAT 6399

(n,p) d

64-Gd-143m

Radionuclide Production Cross Section

