

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

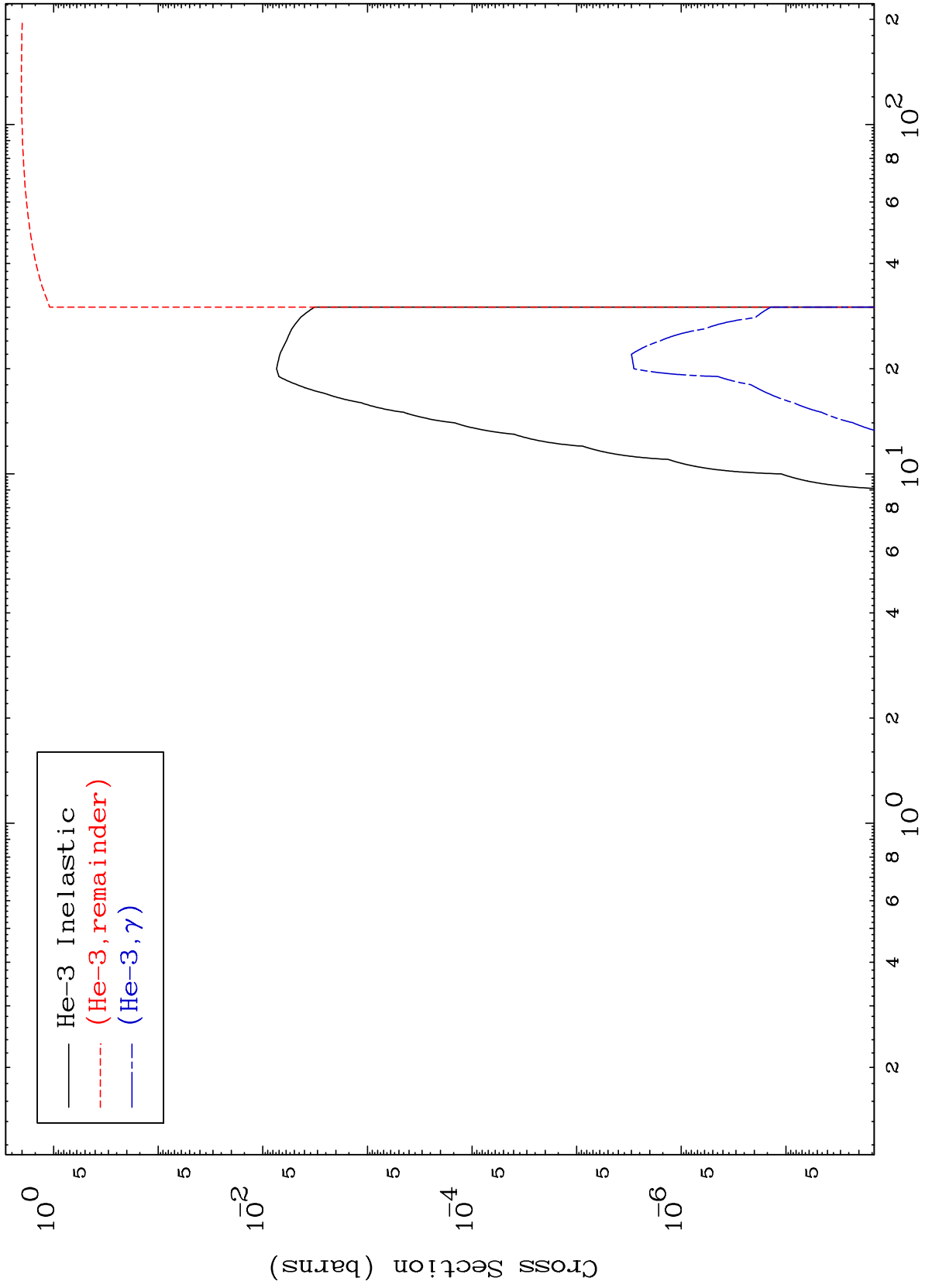
Press Mouse Button to Start

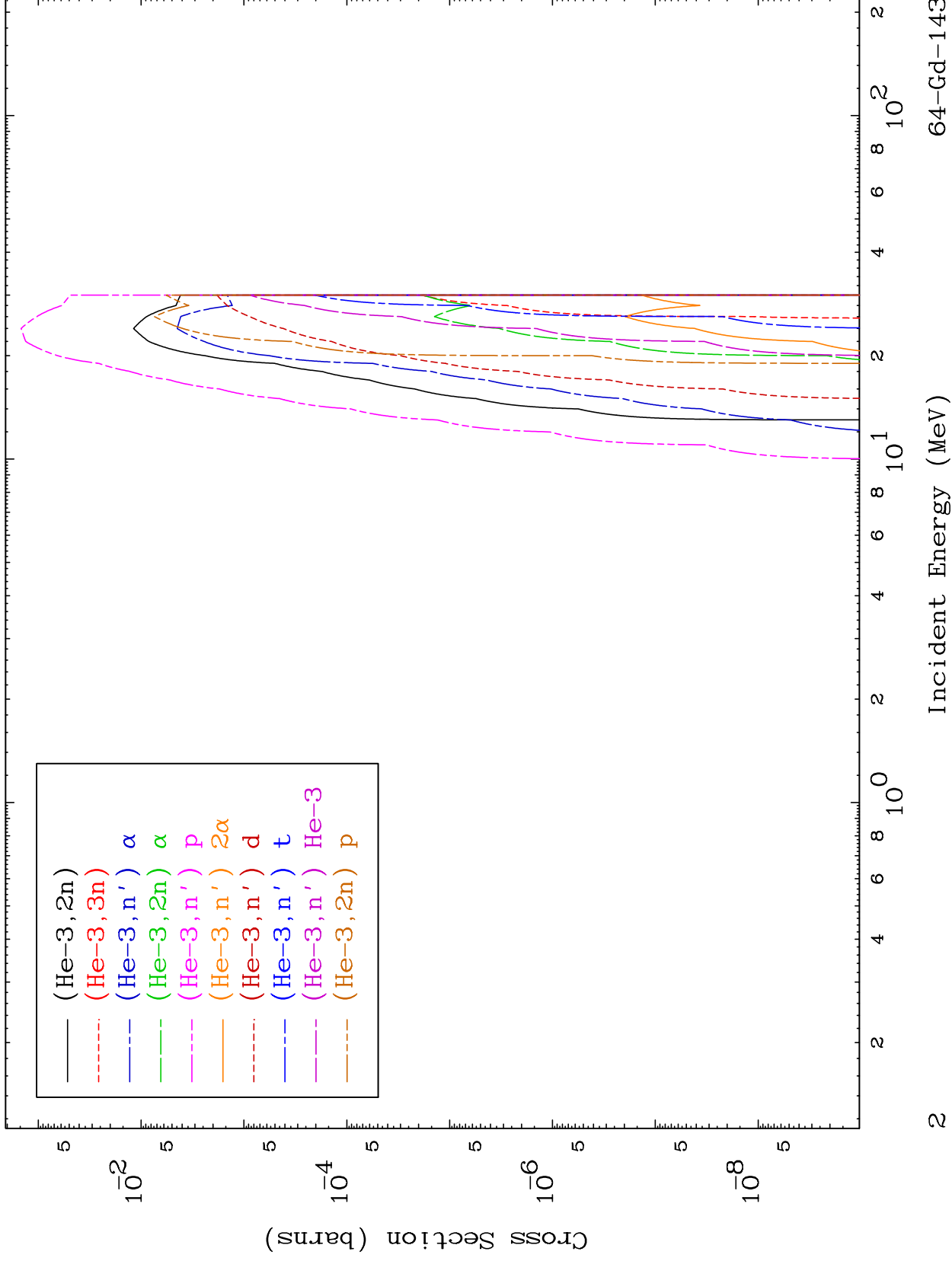
MAT 6399

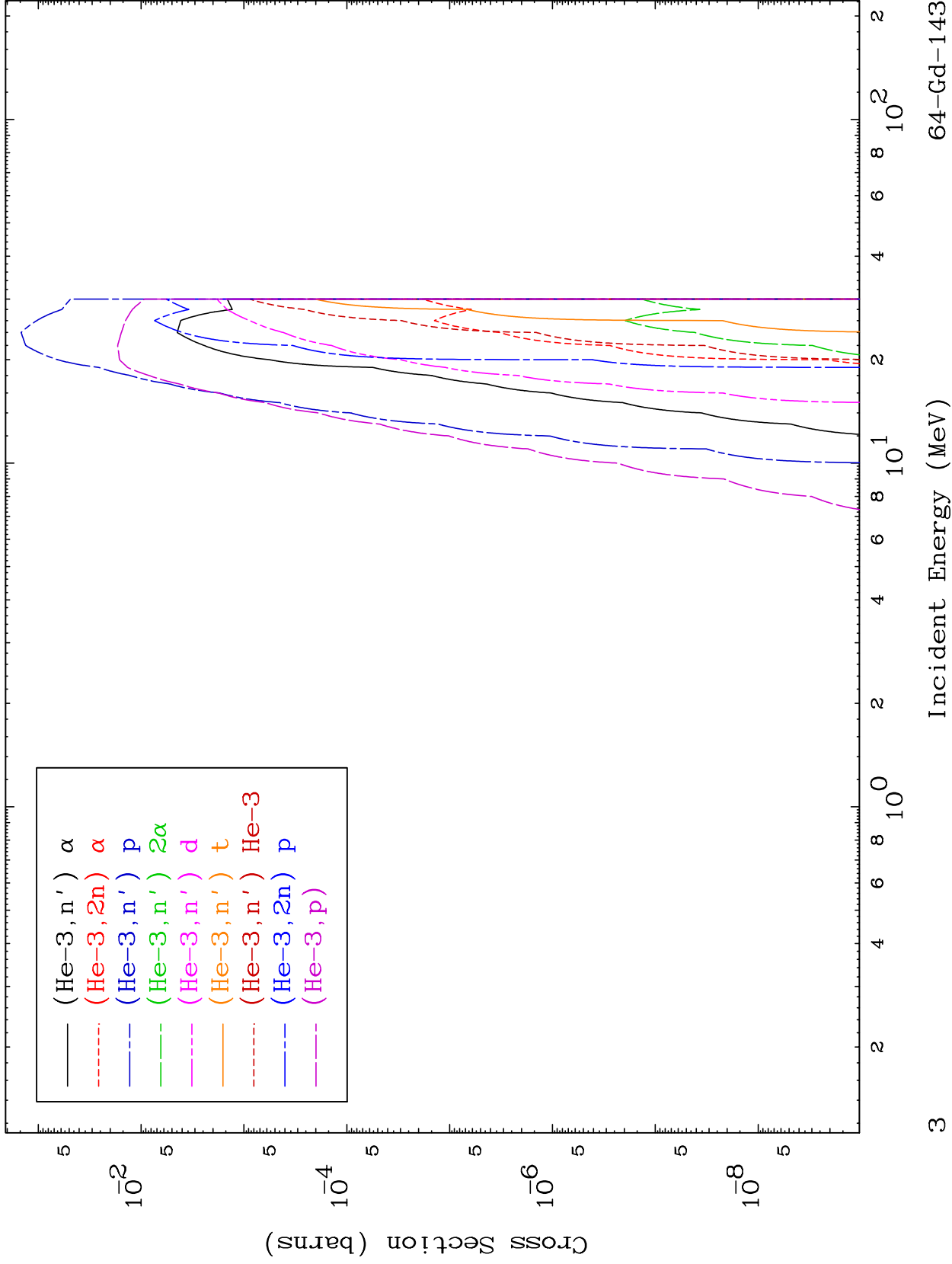
He-3 Major

64-Gd-143

0 Kelvin Cross Sections



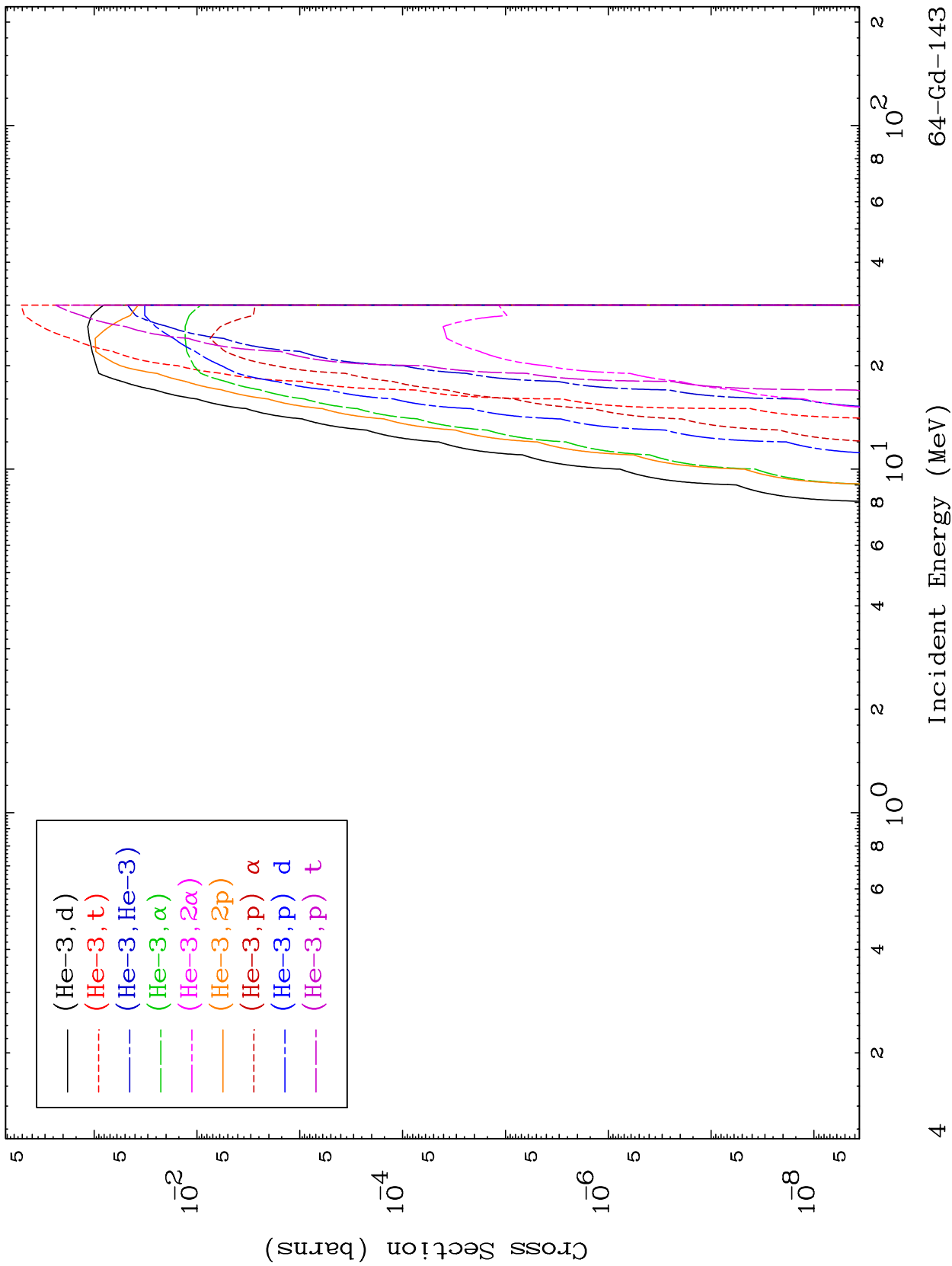




MAT 6399

He-3 Charged Particle
0 Kelvin Cross Sections

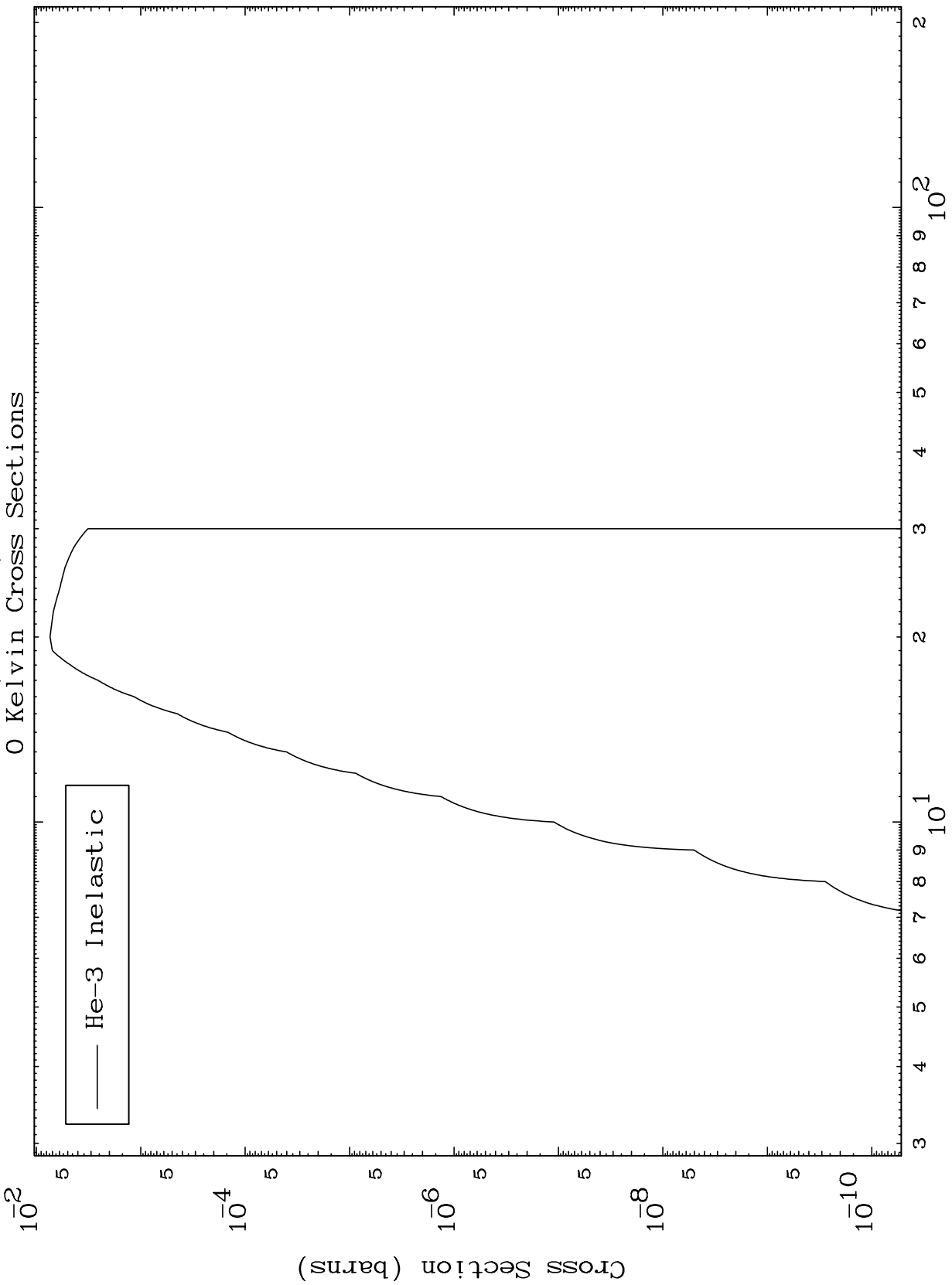
64-Gd-143



MAT 6399

(He-3, n') Level

64-Gd-143



64-Gd-143

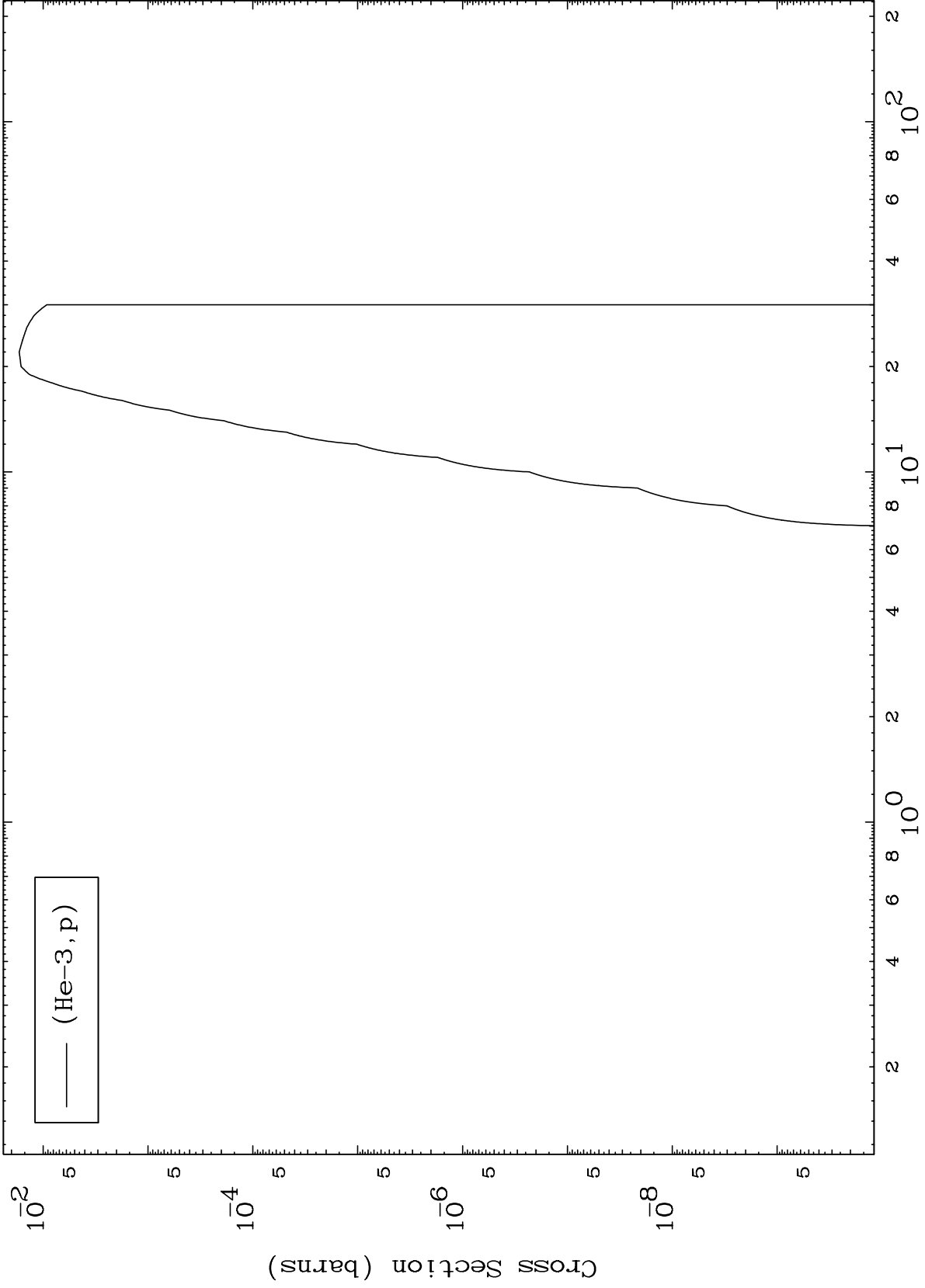
Incident Energy (MeV)

5

MAT 6399

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

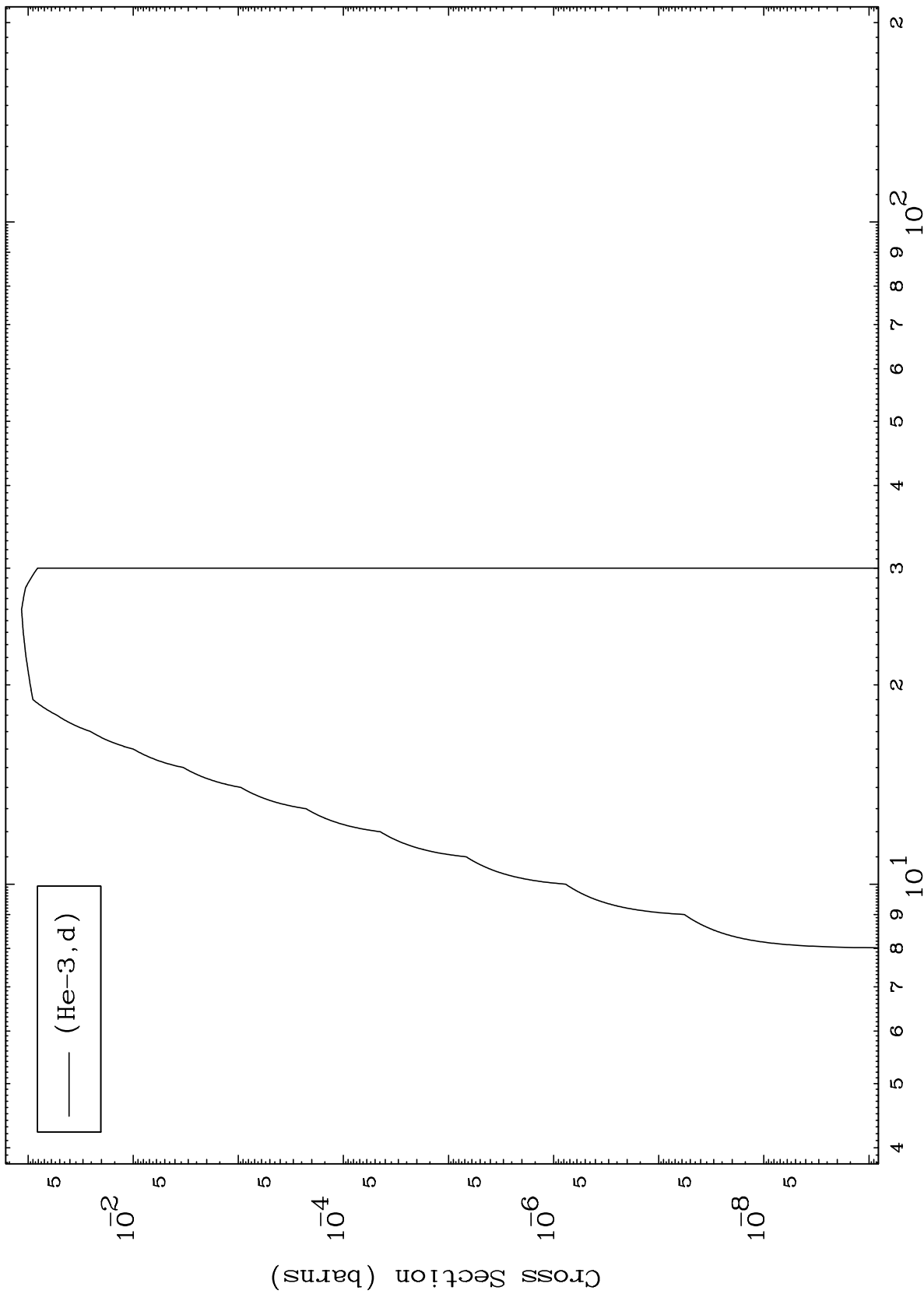
64-Gd-143



MAT 6399

64-Gd-143

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



7

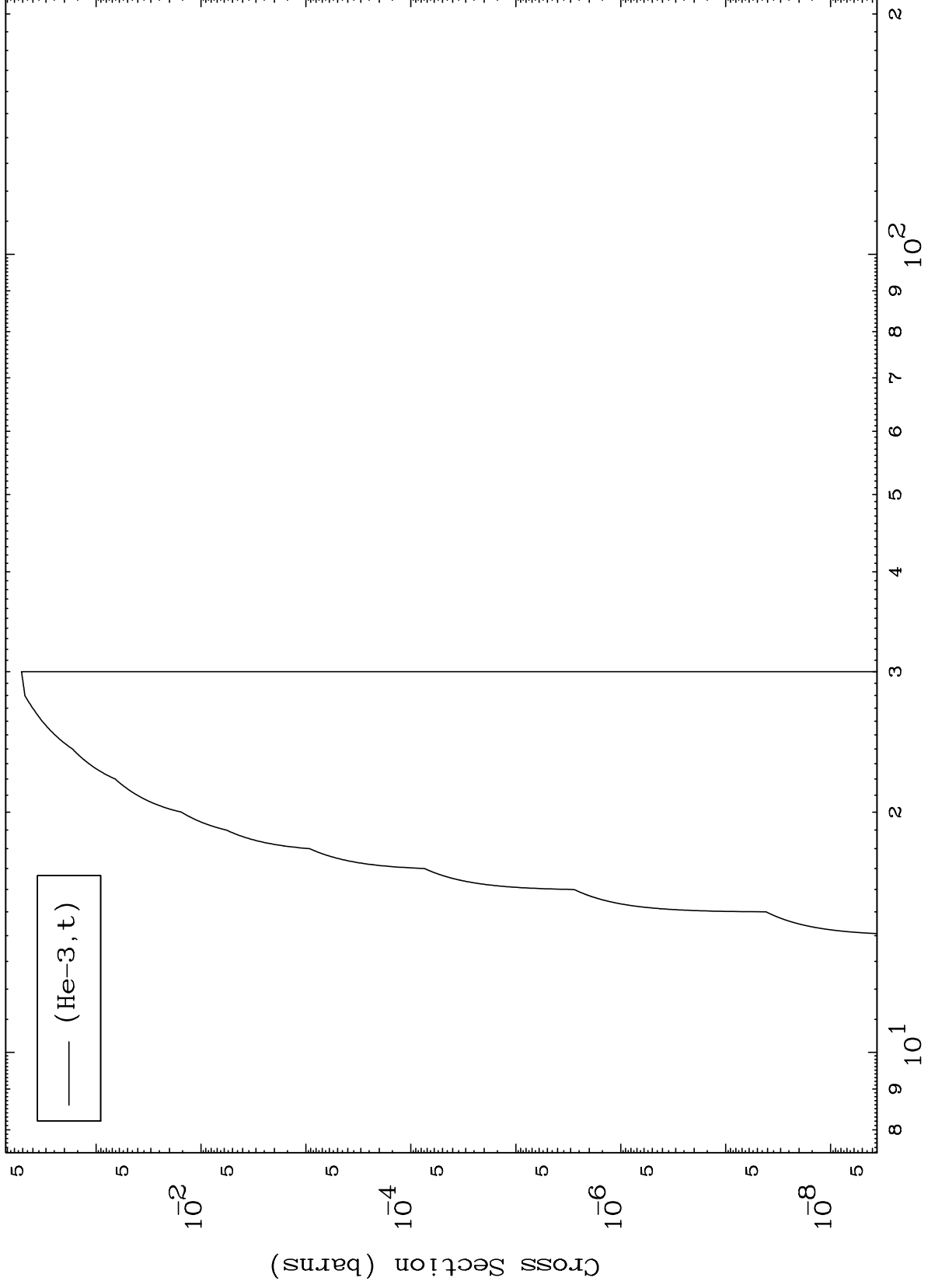
Incident Energy (MeV)

64-Gd-143

MAT 6399

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

64-Gd-143



8

Incident Energy (MeV)

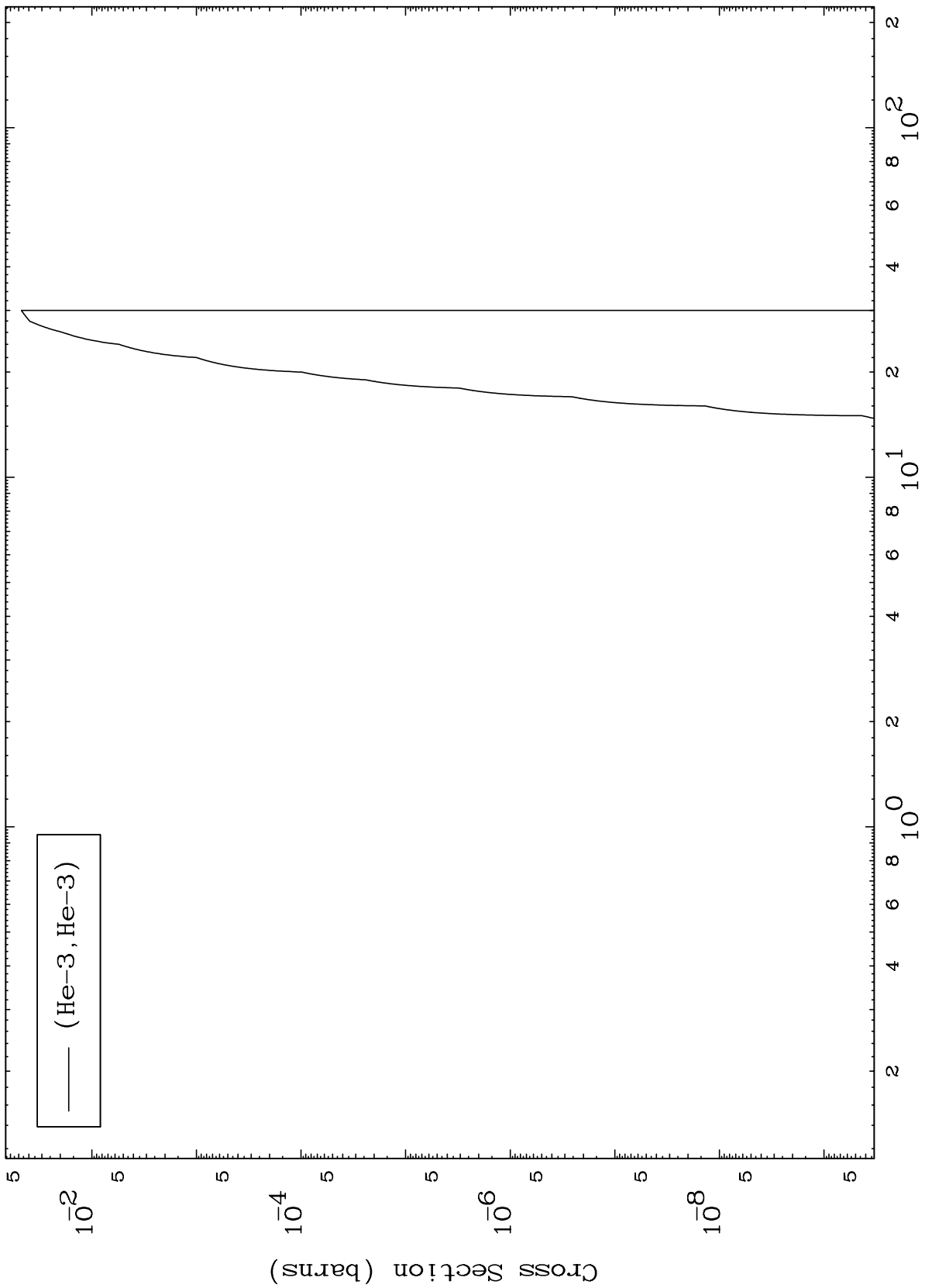
64-Gd-143

MAT 6399

(He-3, He3) Levels

64-Gd-143

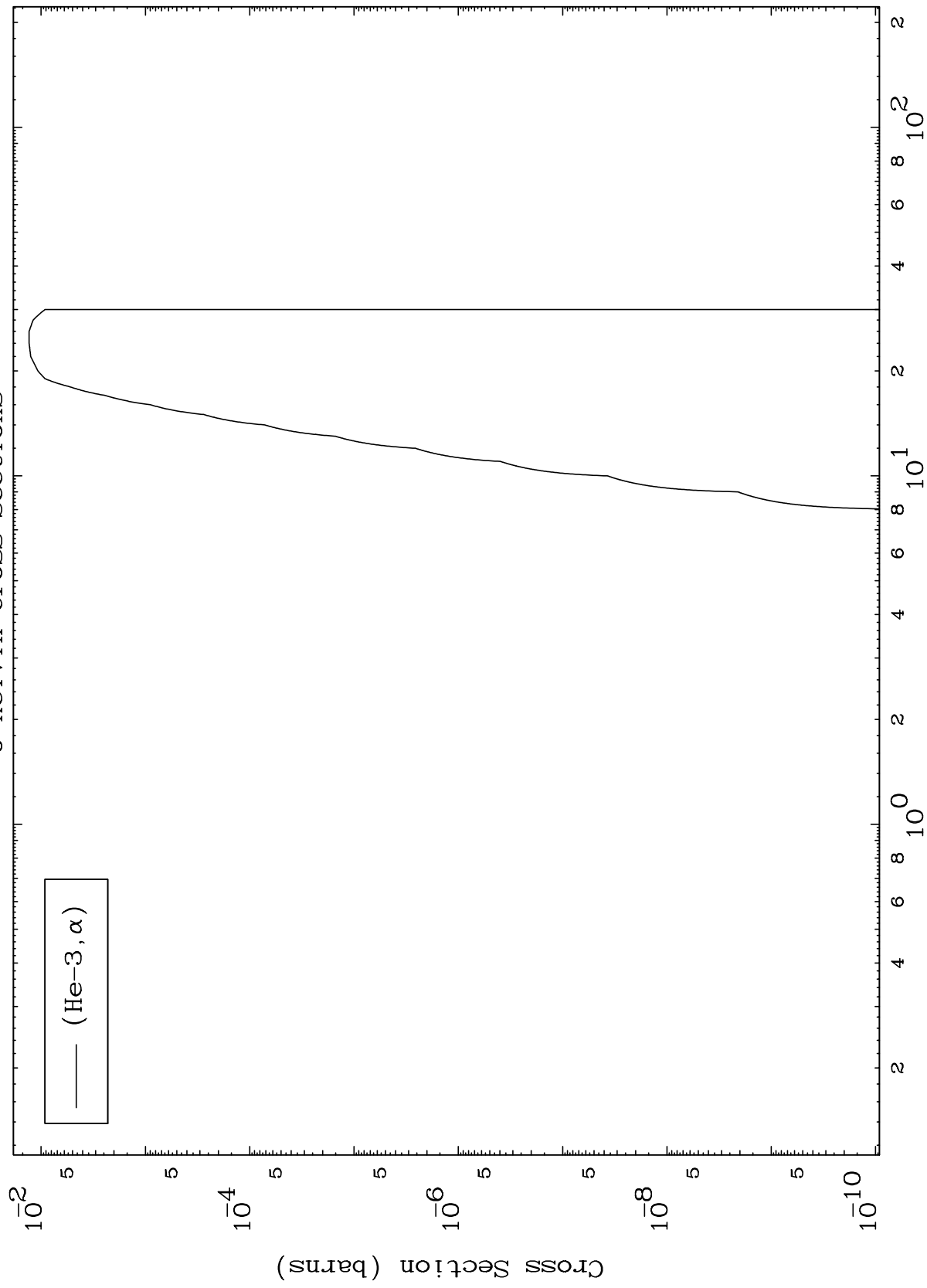
0 Kelvin Cross Sections



MAT 6399

64-Gd-143

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



64-Gd-143

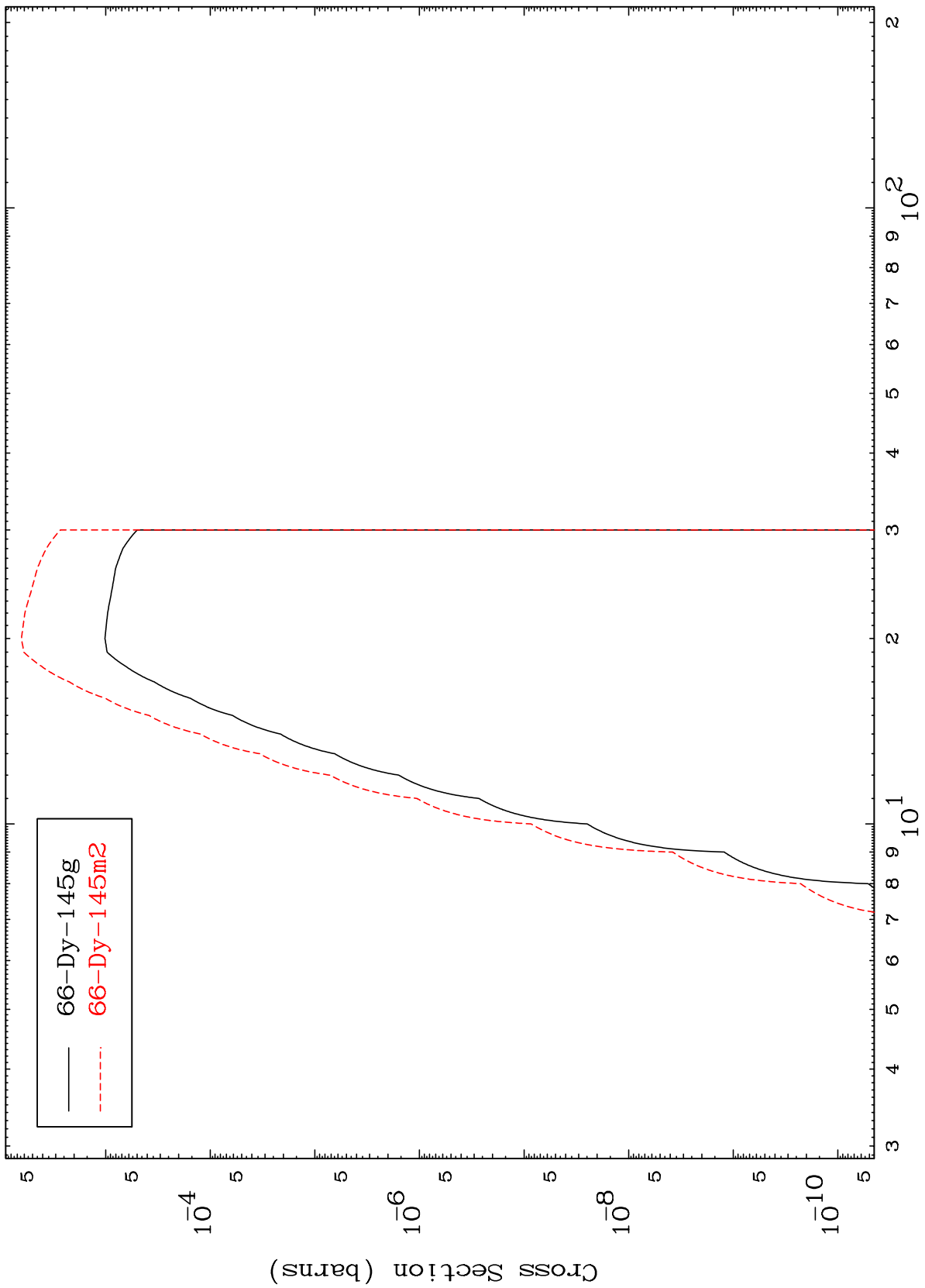
Incident Energy (MeV)

10

MAT 6399

He-3 Inelastic
Radionuclide Production Cross Section

64-Gd-143



11

Incident Energy (MeV)

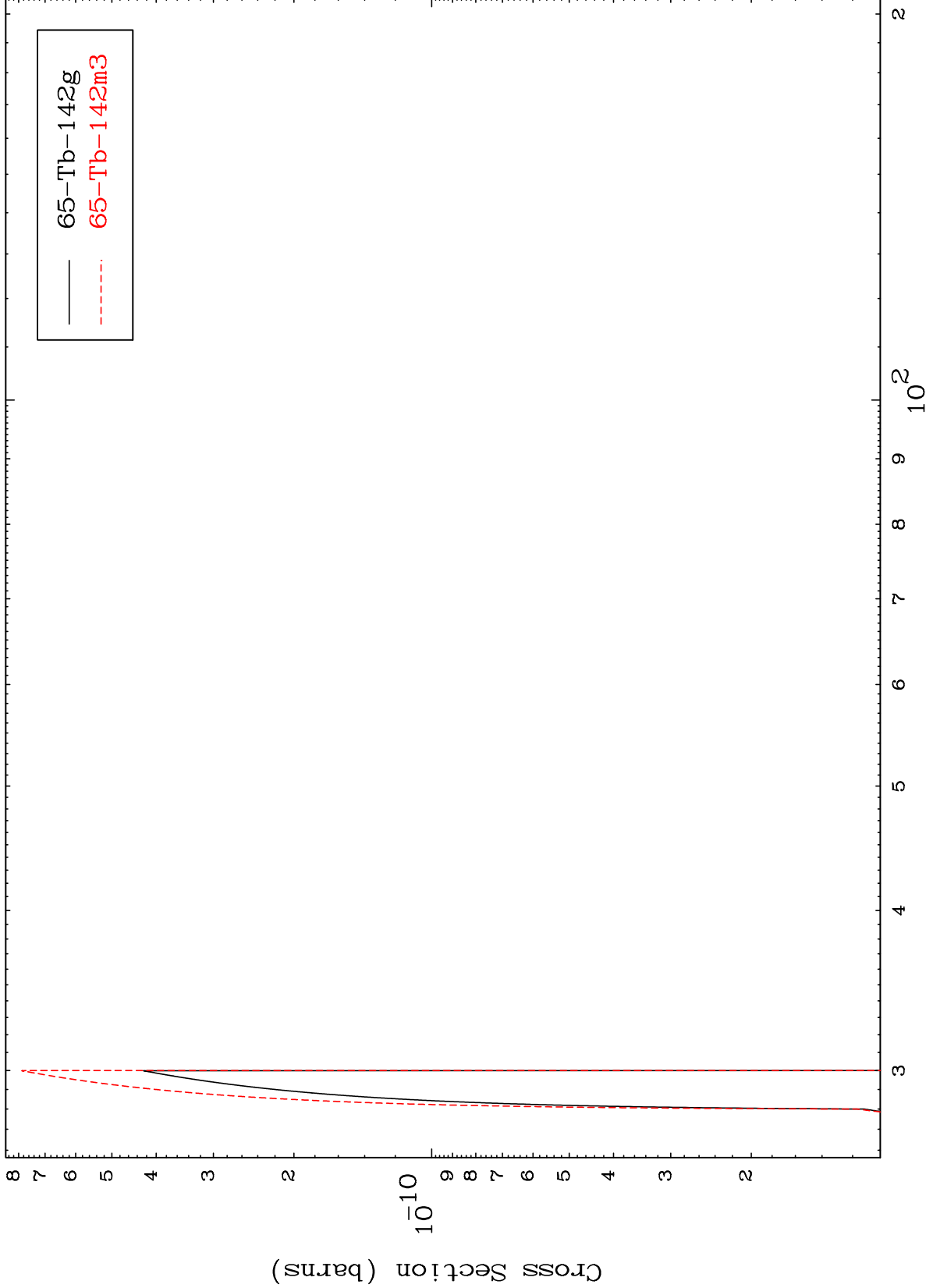
64-Gd-143

MAT 6399

(He-3,2n) d

64-Gd-143

Radionuclide Production Cross Section



65-Tb-142g
65-Tb-142m3

12

Incident Energy (MeV)

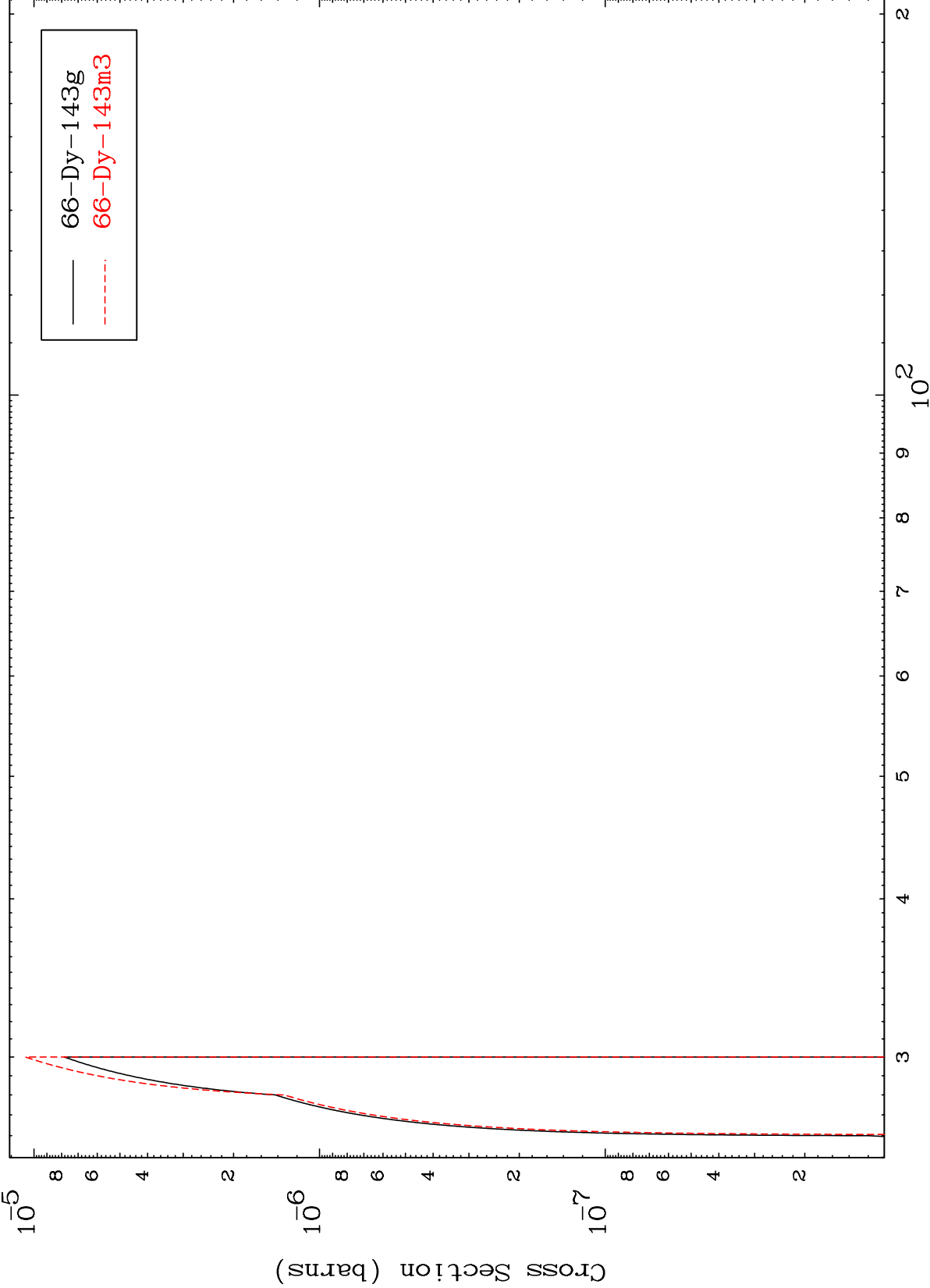
64-Gd-143

MAT 6399

(He-3,3n)

64-Gd-143

Radionuclide Production Cross Section

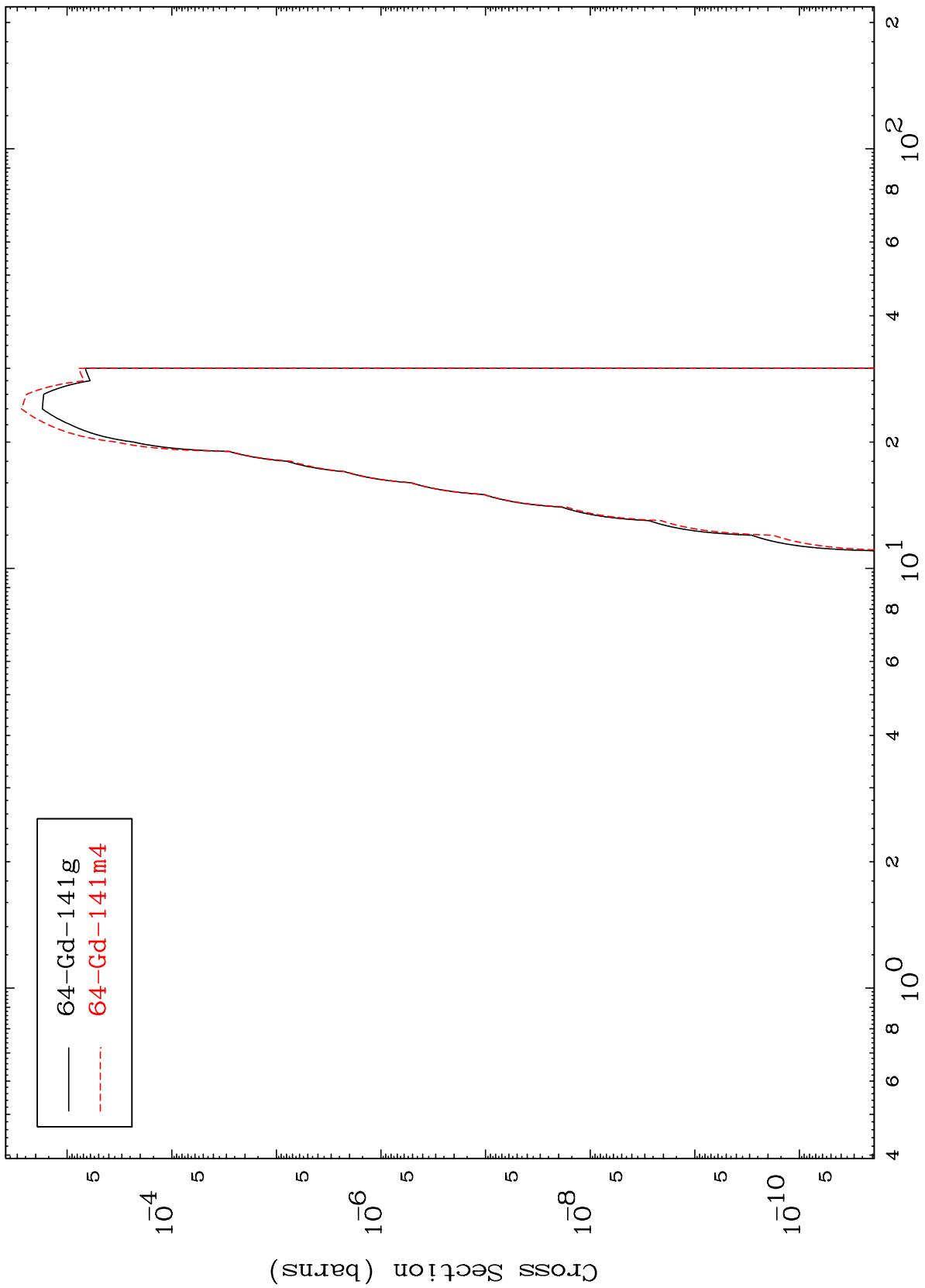


MAT 6399

(He-3, n') α

64-Gd-143

Radionuclide Production Cross Section



14

Incident Energy (MeV)

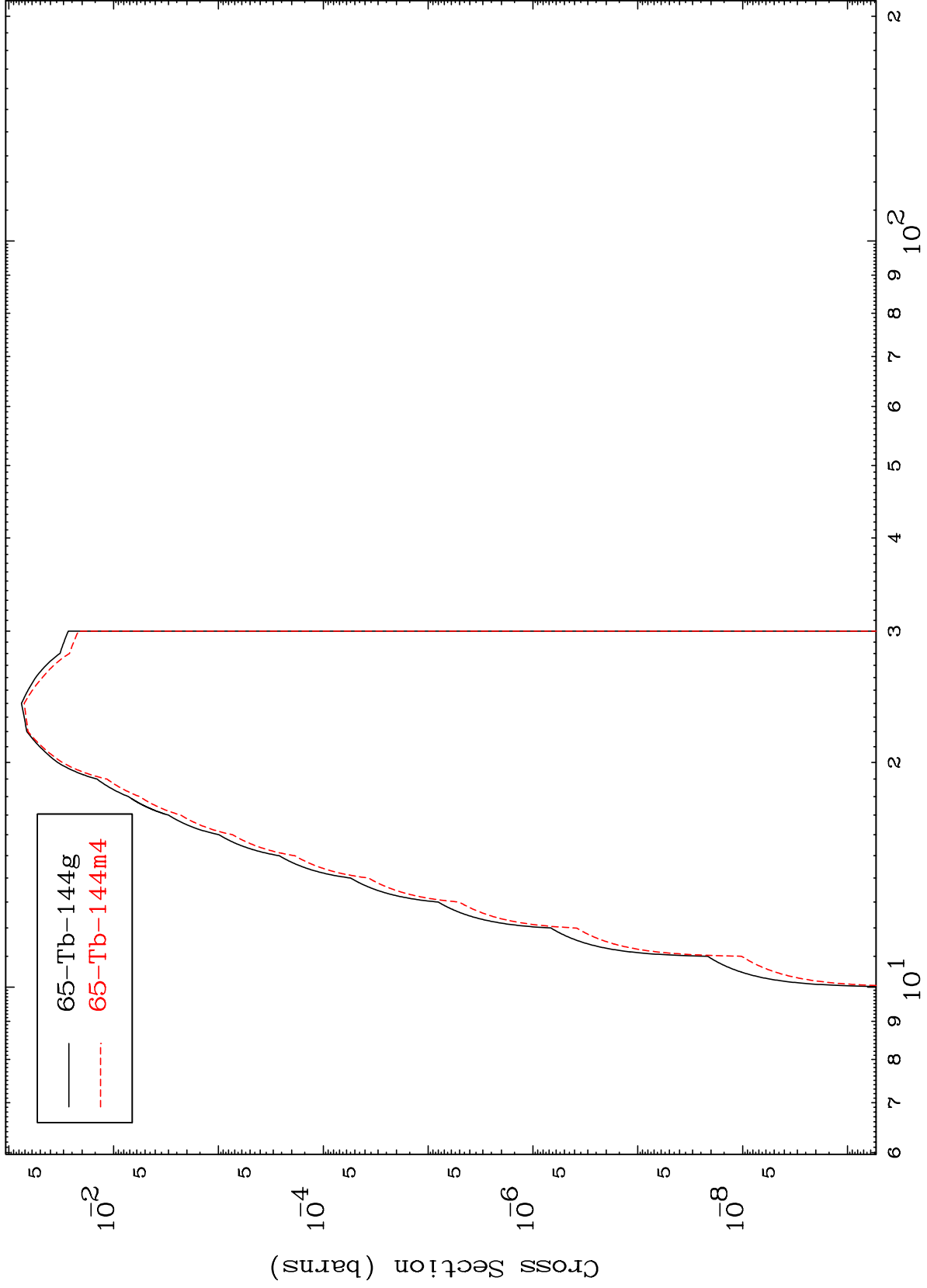
64-Gd-143

MAT 6399

(He-3, n') p

64-Gd-143

Radionuclide Production Cross Section

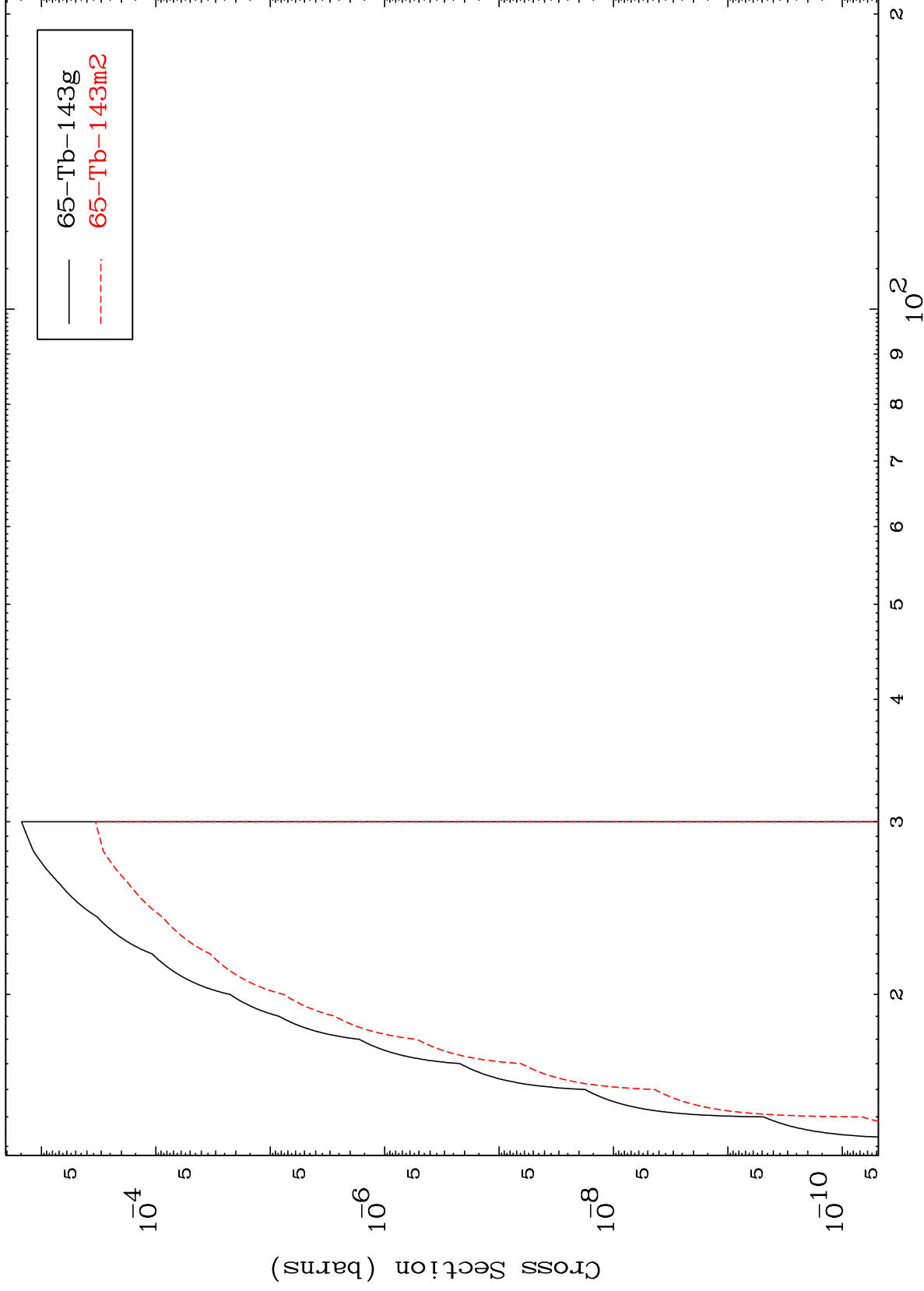


15

Incident Energy (MeV)

64-Gd-143

Radionuclide Production Cross Section

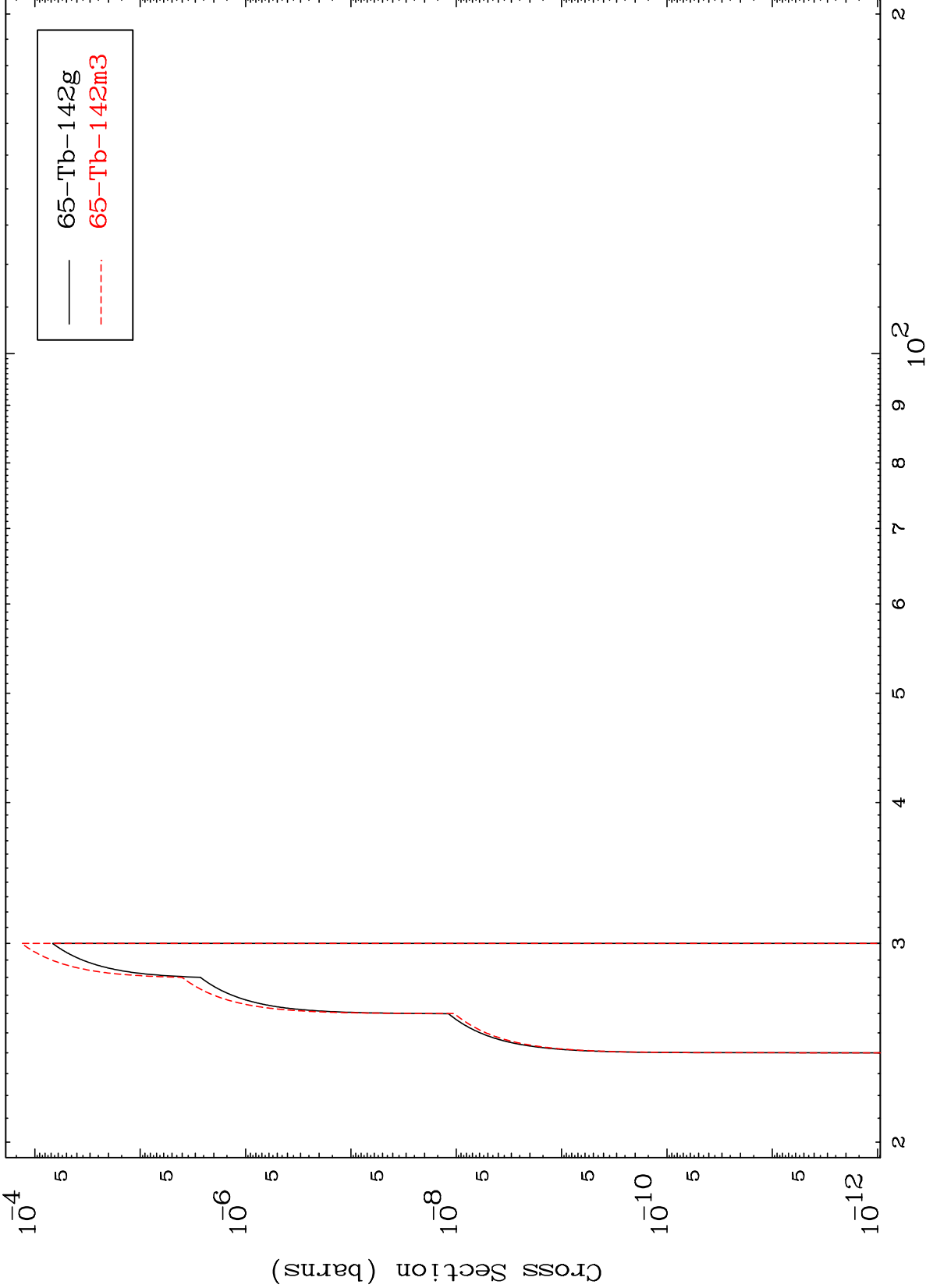


MAT 6399

(He-3, n') t

64-Gd-143

Radionuclide Production Cross Section

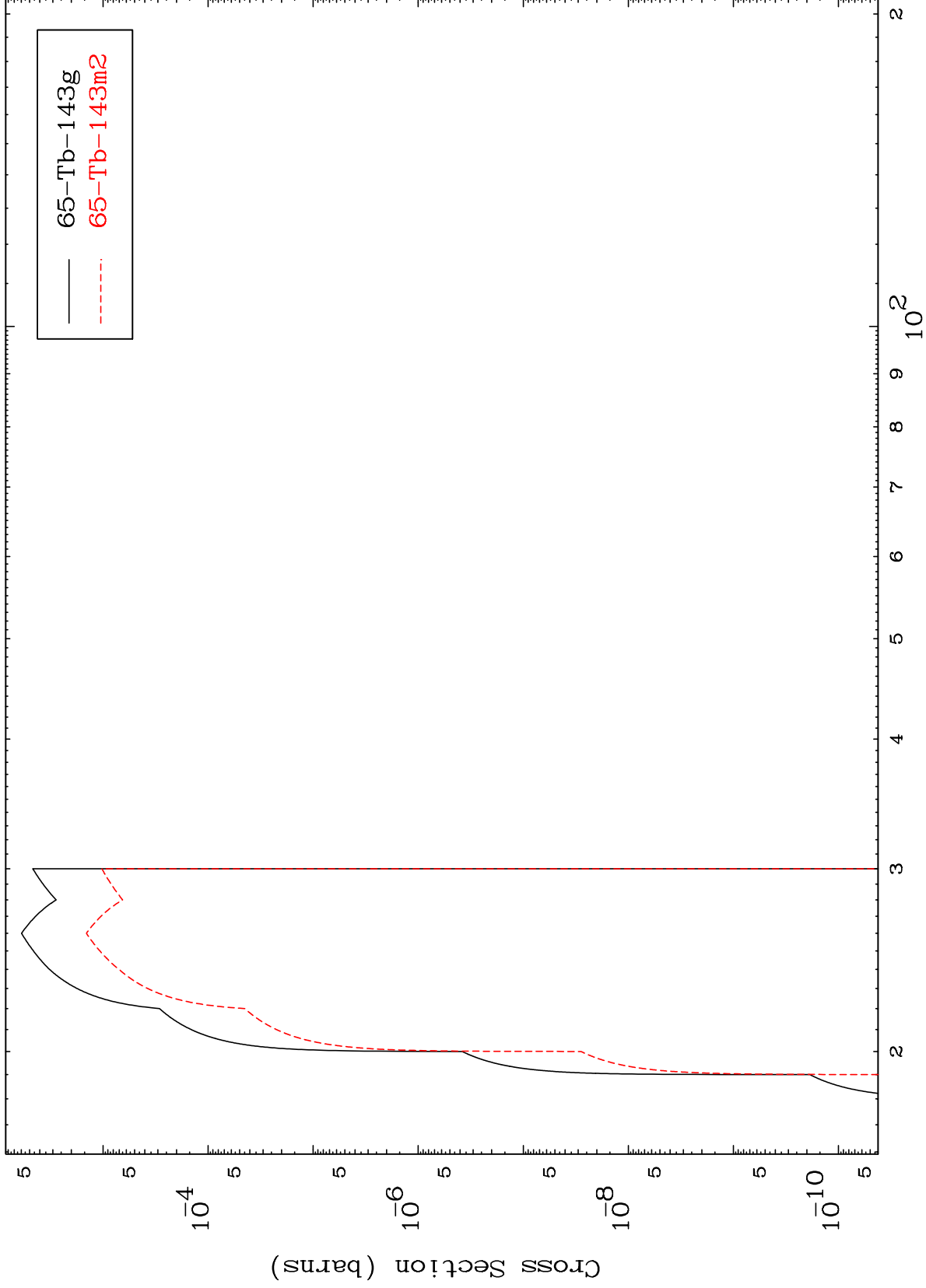


17

Incident Energy (MeV)

64-Gd-143

Radionuclide Production Cross Section

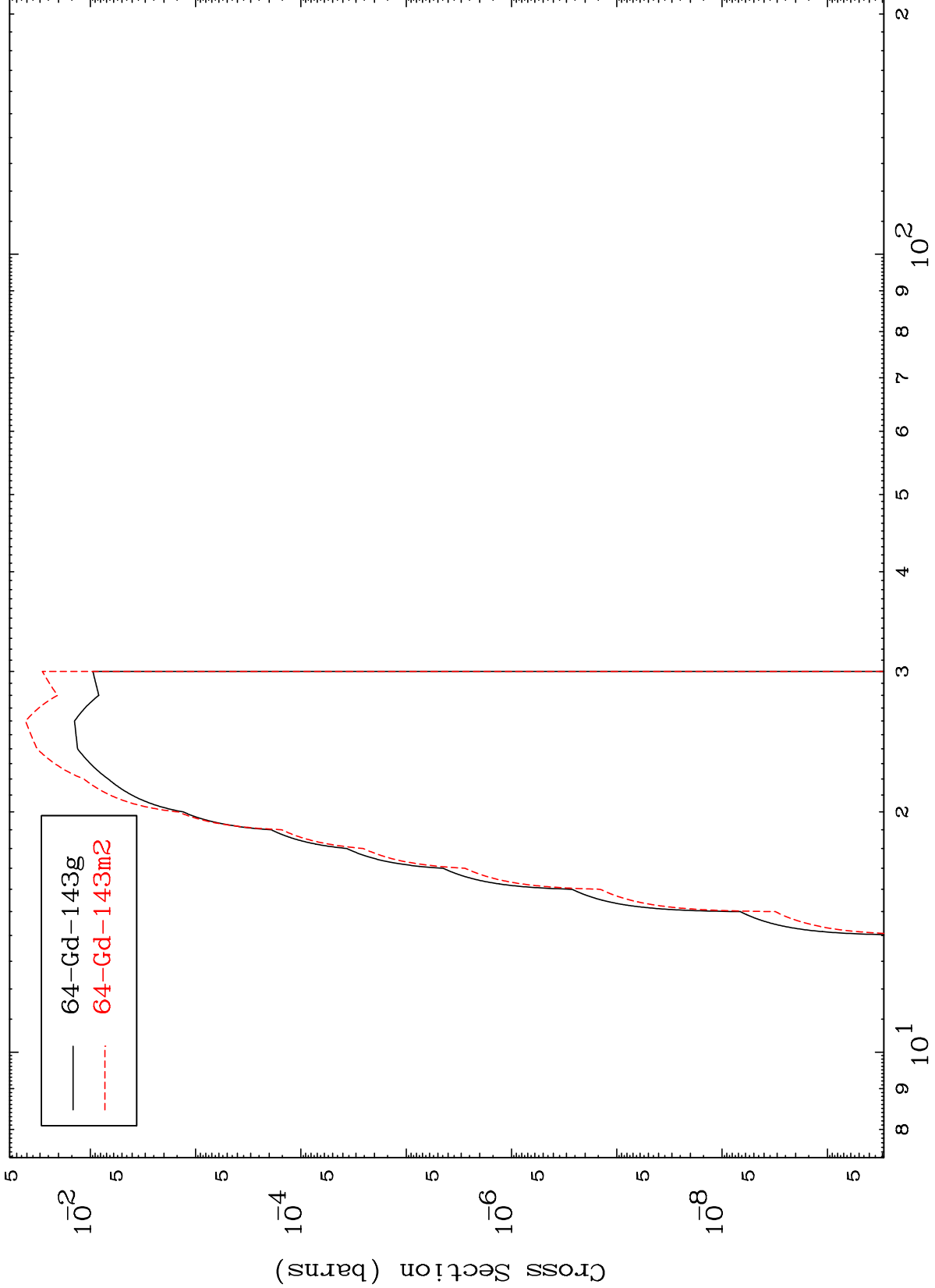


MAT 6399

(He-3,2n) p

64-Gd-143

Radionuclide Production Cross Section



19

Incident Energy (MeV)

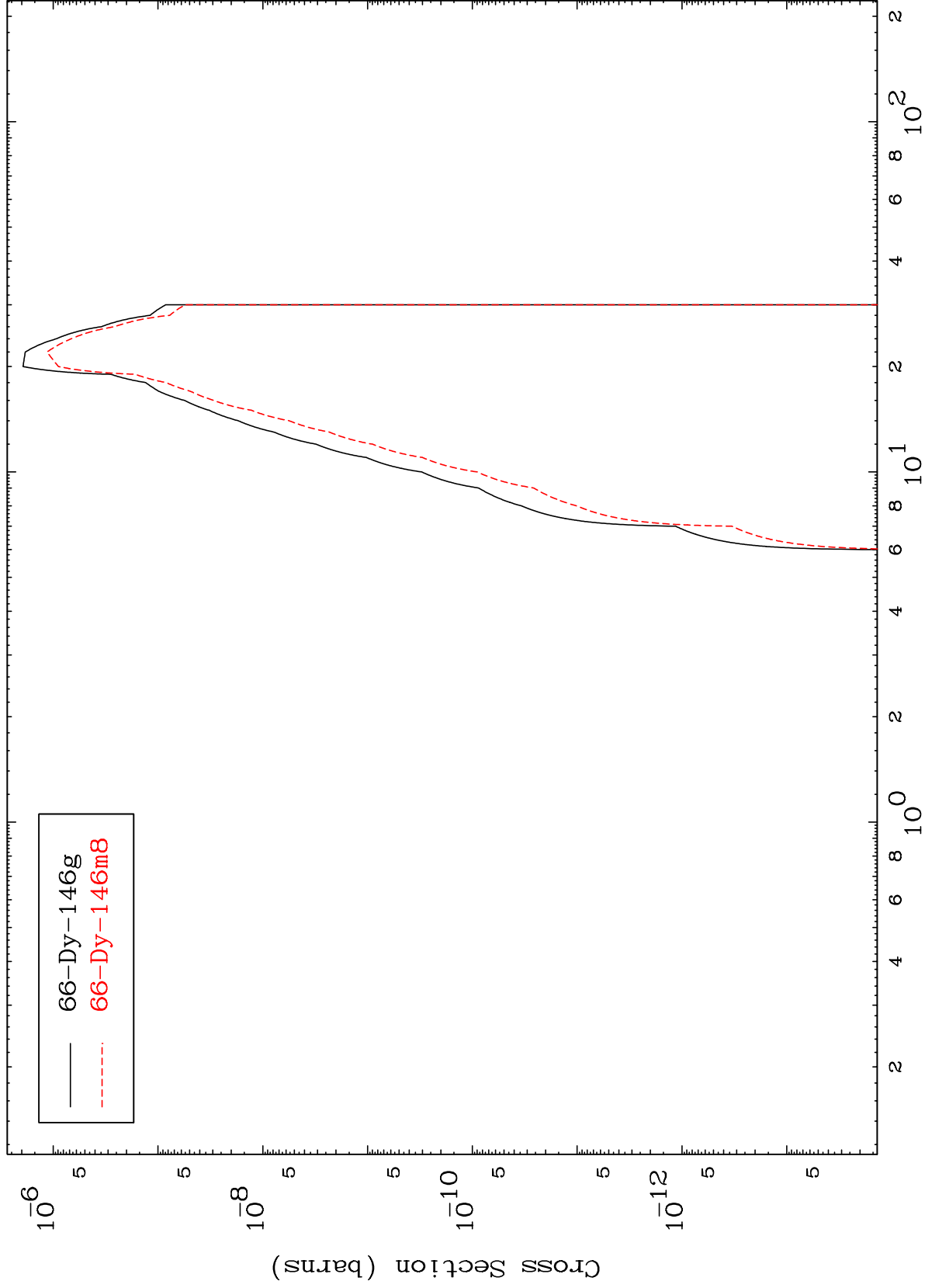
64-Gd-143

MAT 6399

(He-3, γ)

64-Gd-143

Radionuclide Production Cross Section



20

Incident Energy (MeV)

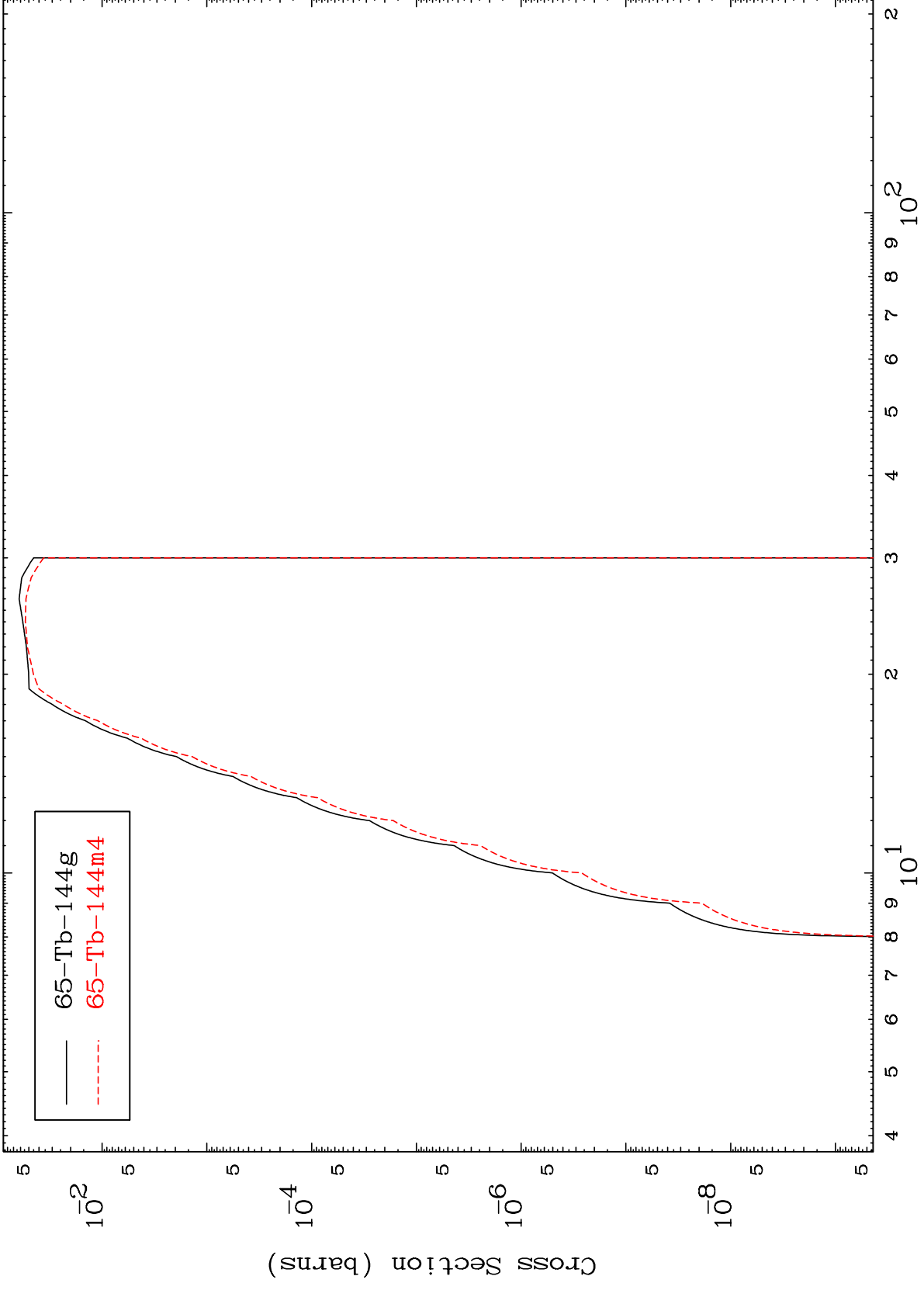
64-Gd-143

MAT 6399

(He-3, d)

64-Gd-143

Radionuclide Production Cross Section



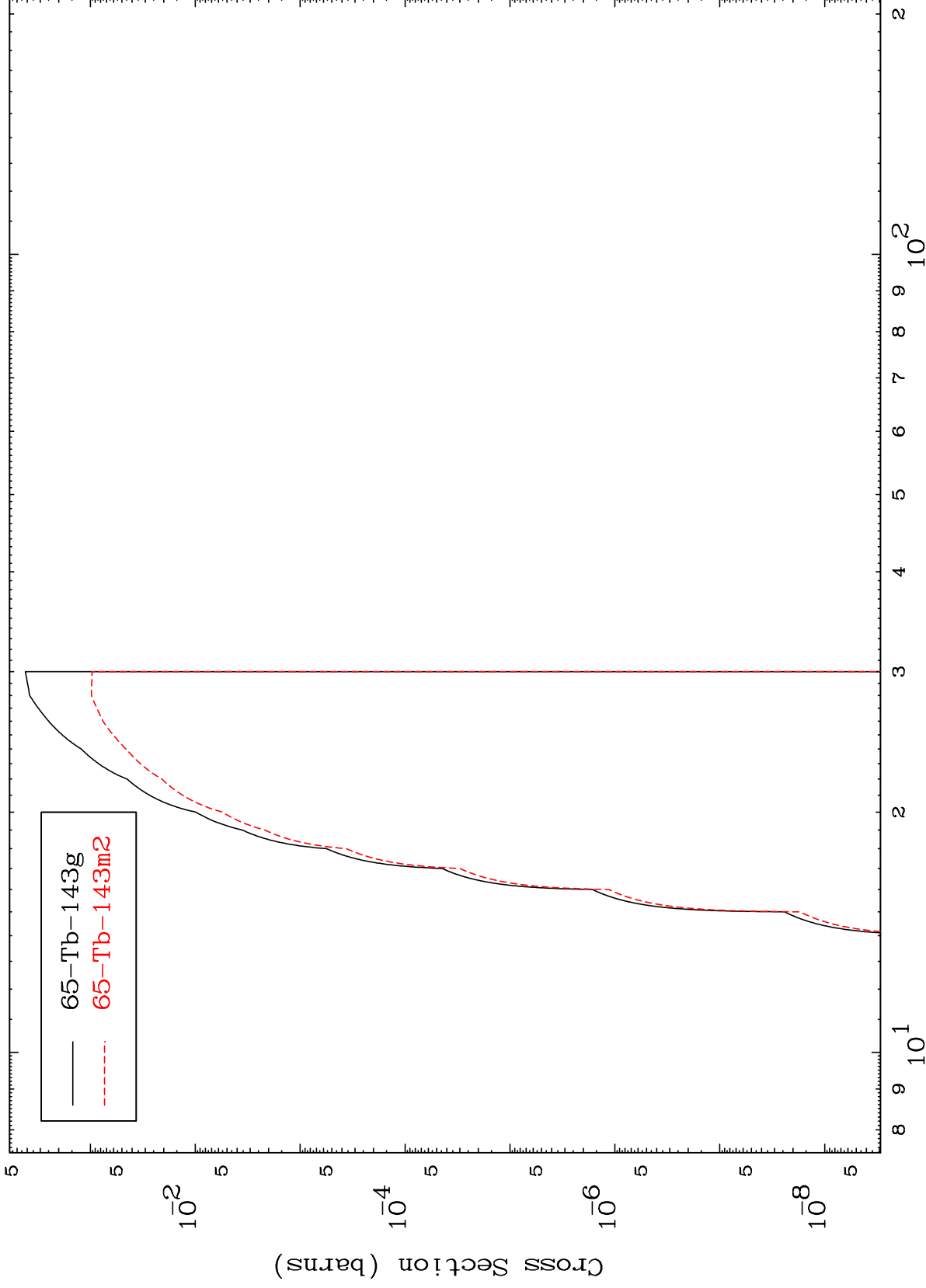
65-Tb-144g
65-Tb-144m4

MAT 6399

(He-3, t)

64-Gd-143

Radionuclide Production Cross Section



22

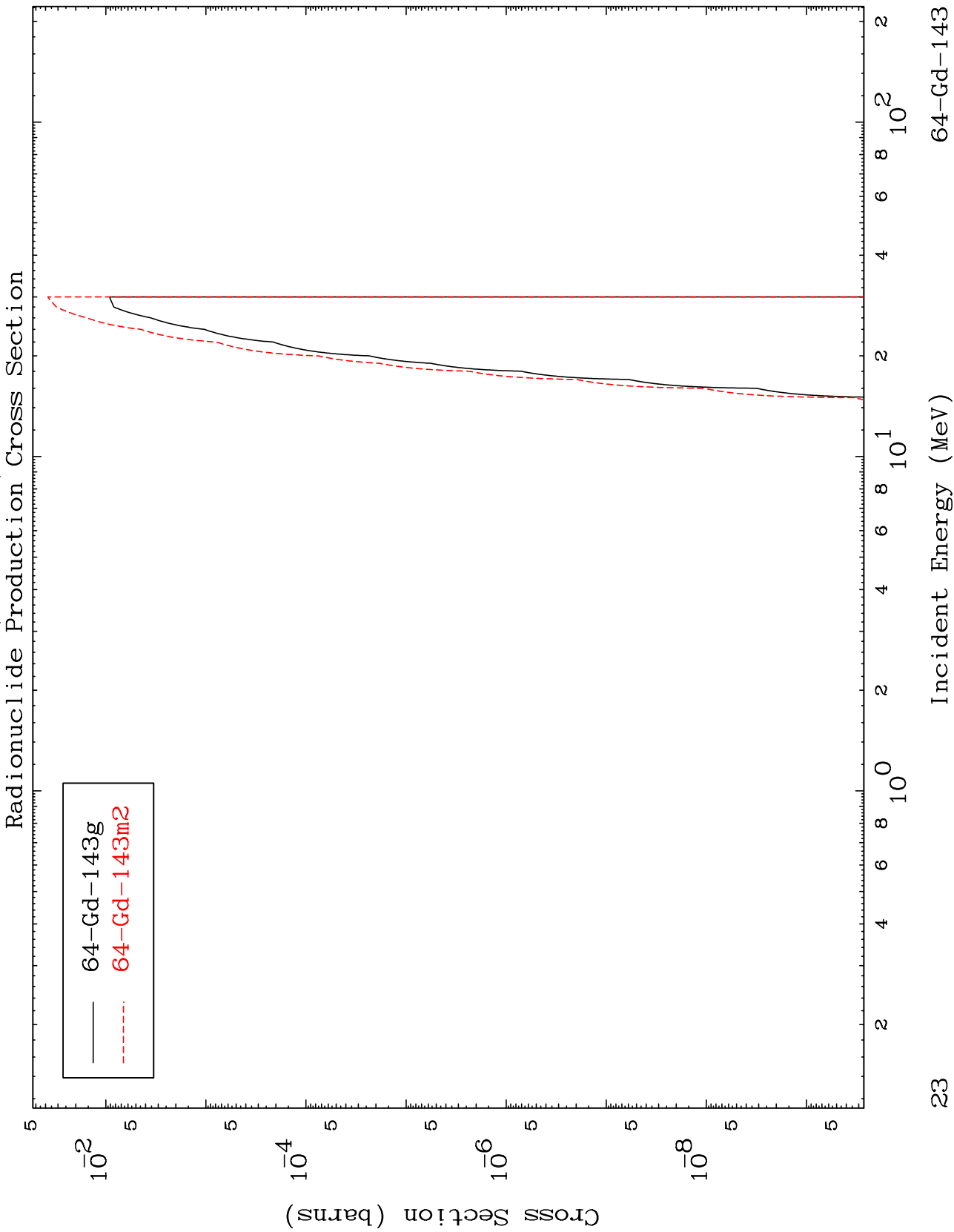
Incident Energy (MeV)

64-Gd-143

MAT 6399

(He-3, He-3)

64-Gd-143

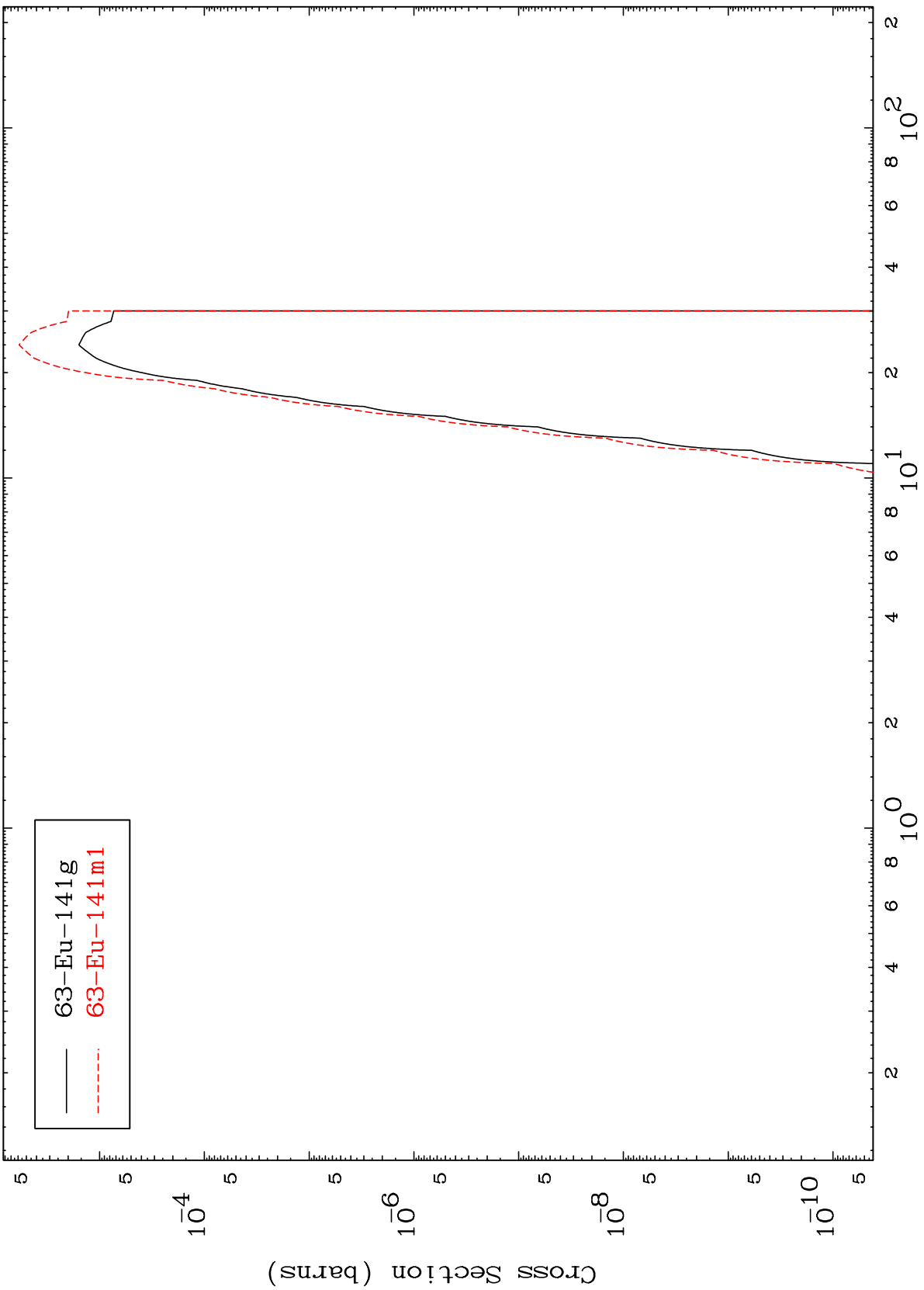


MAT 6399

(He-3, p) α

64-Gd-143

Radionuclide Production Cross Section

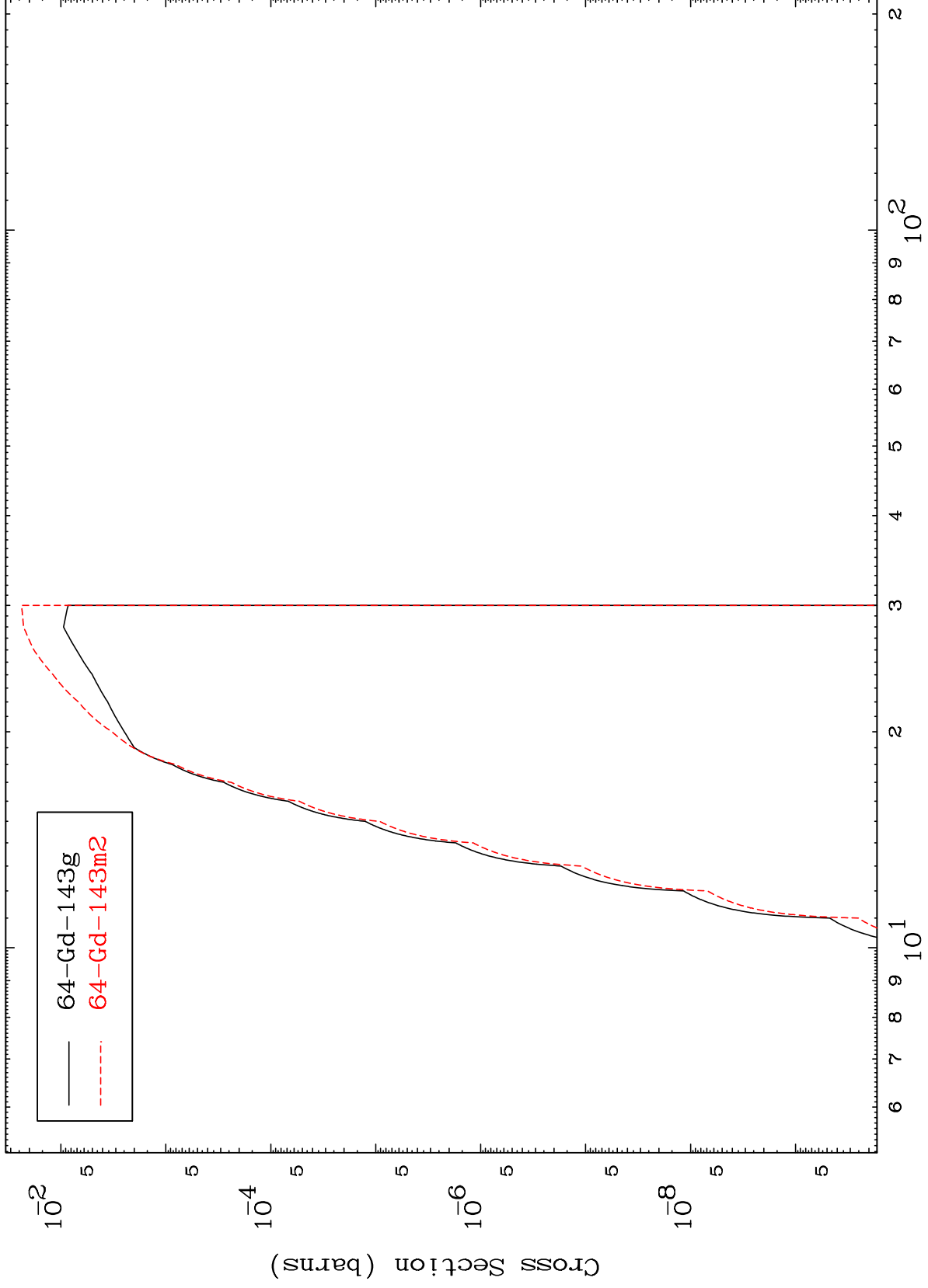


MAT 6399

(He-3, p) d

64-Gd-143

Radionuclide Production Cross Section



25

Incident Energy (MeV)

64-Gd-143