

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

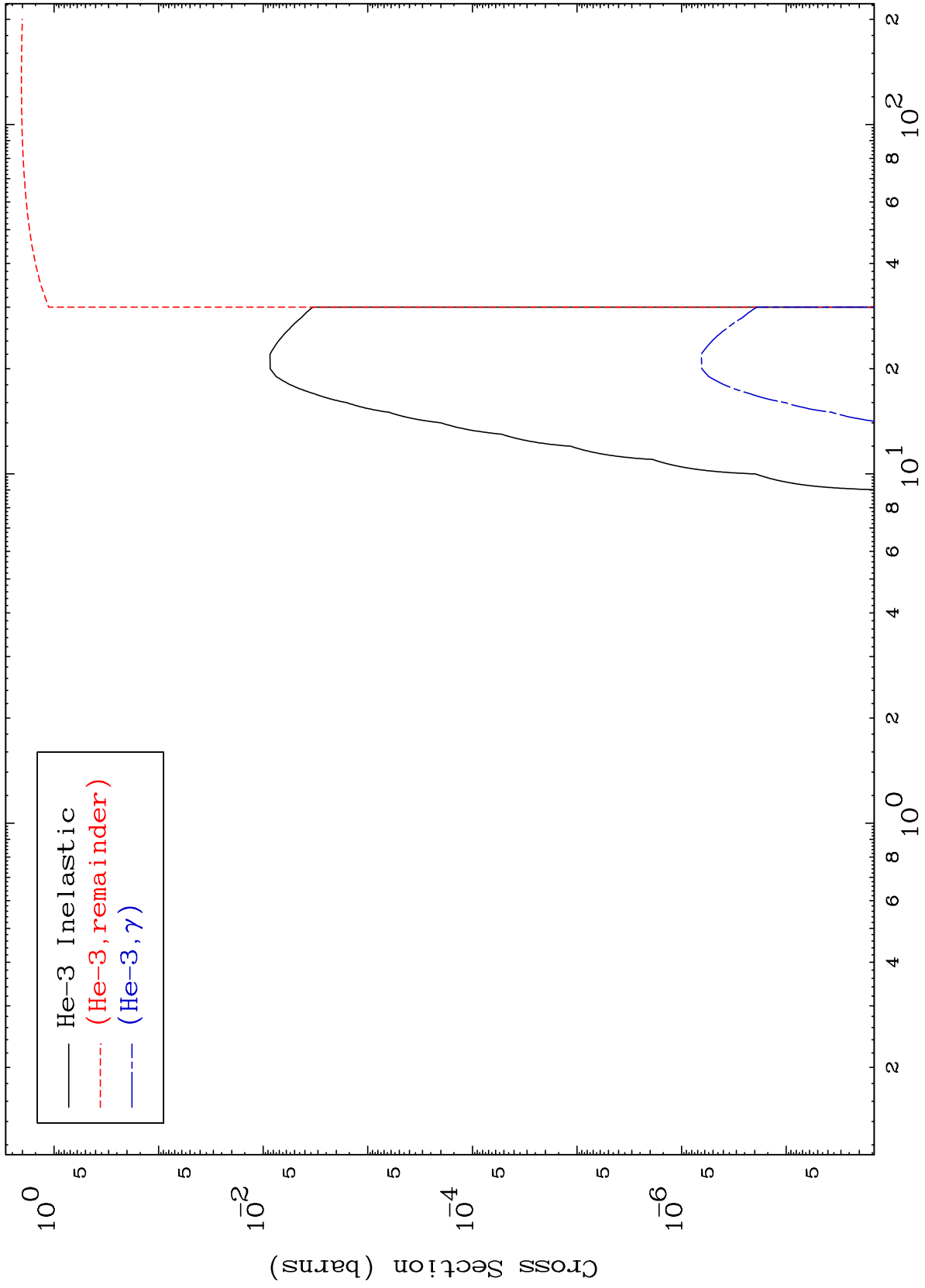
Press Mouse Button to Start

MAT 6304

He-3 Major

63-Eu-144

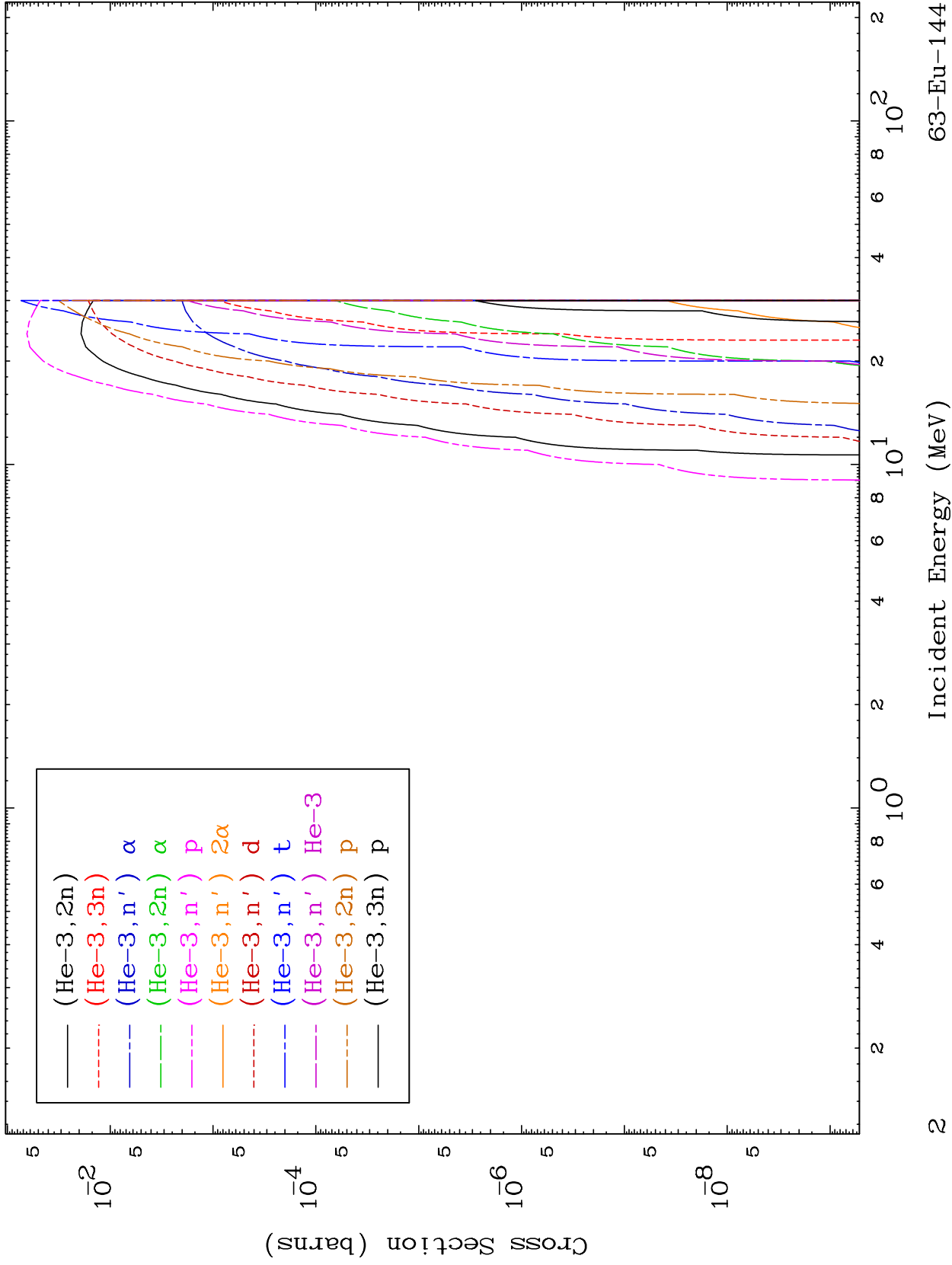
0 Kelvin Cross Sections

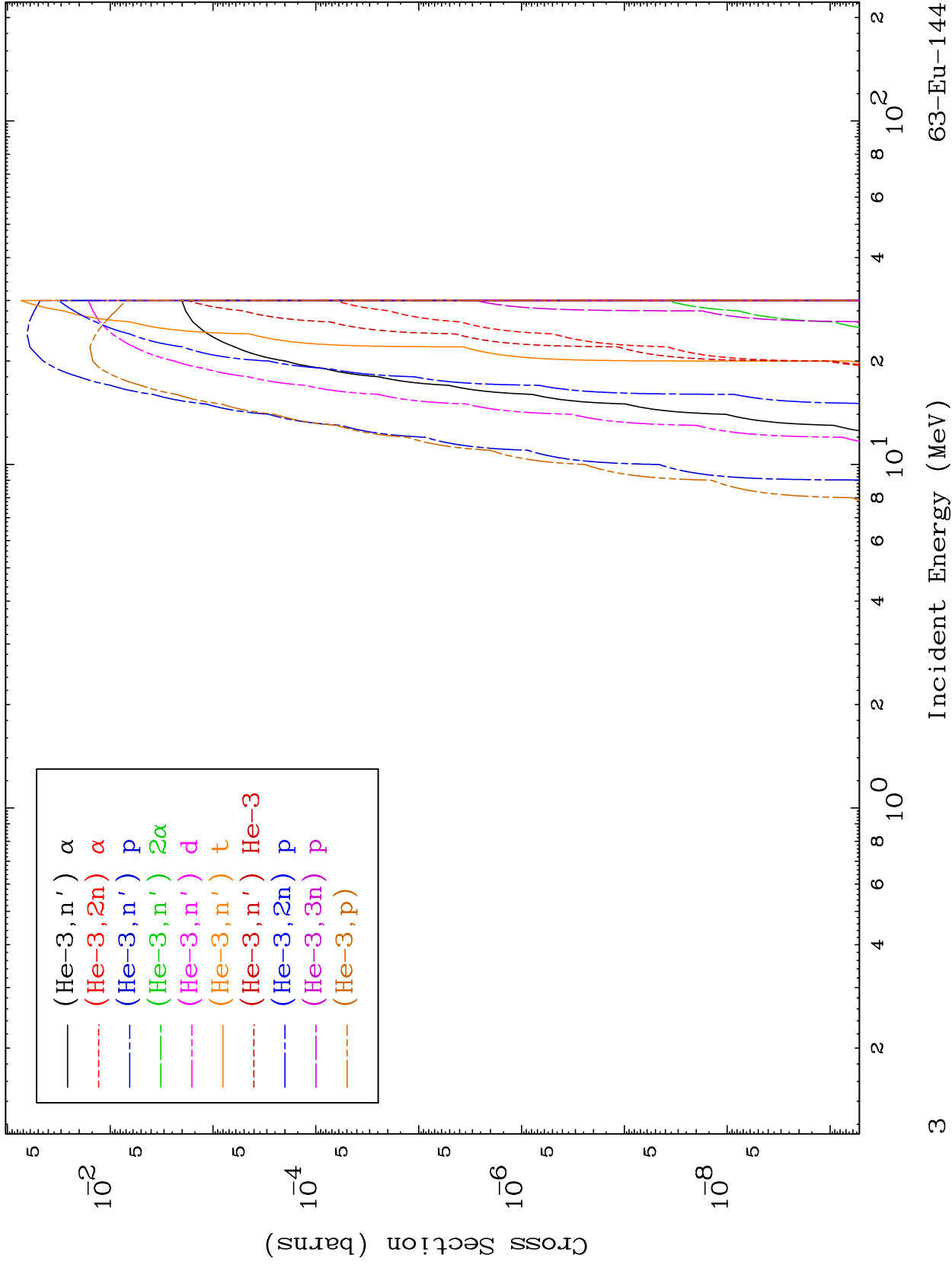


MAT 6304

He-3 Neutron Production
0 Kelvin Cross Sections

63-Eu-144

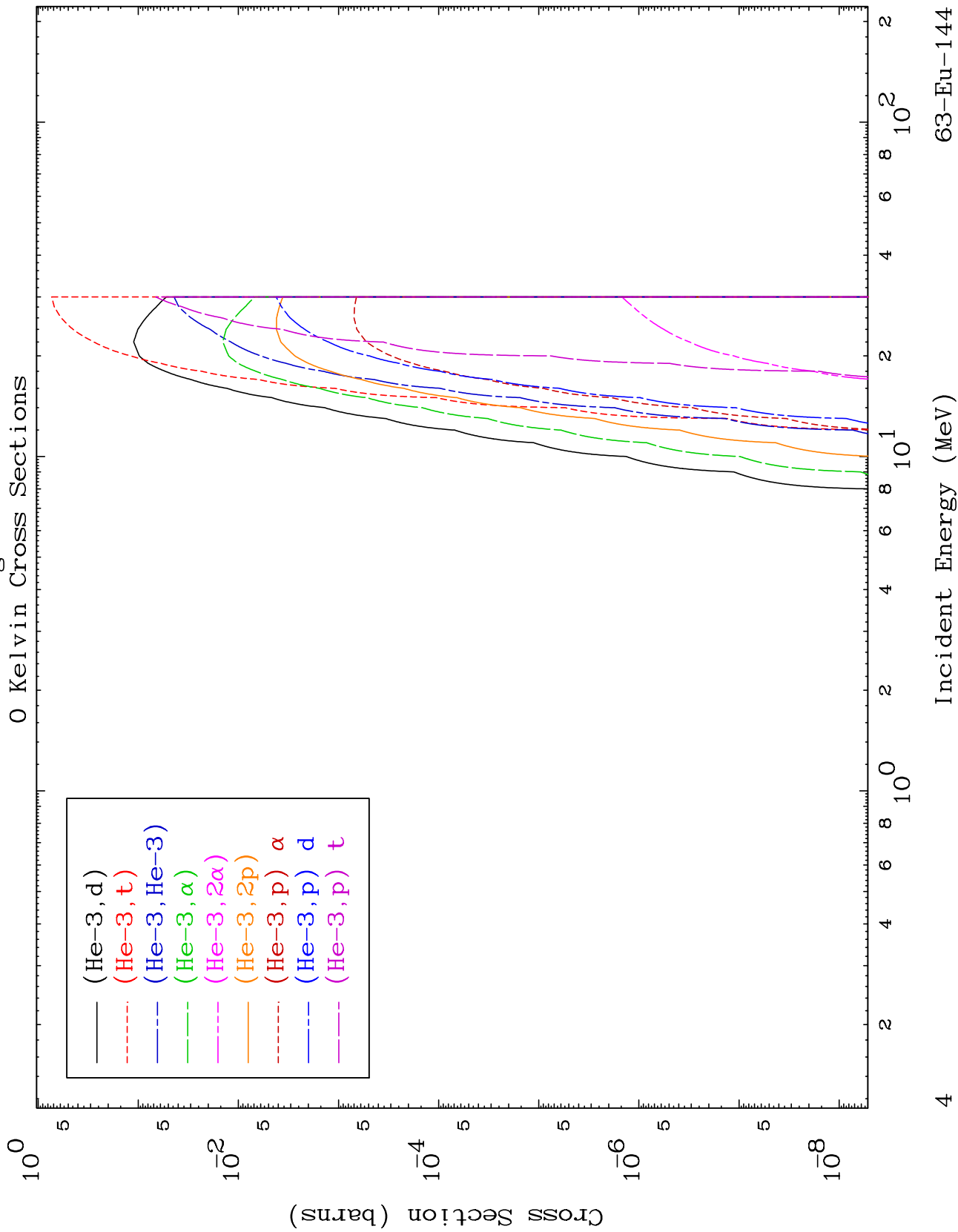




MAT 6304

He-3 Charged Particle
0 Kelvin Cross Sections

63-Eu-144



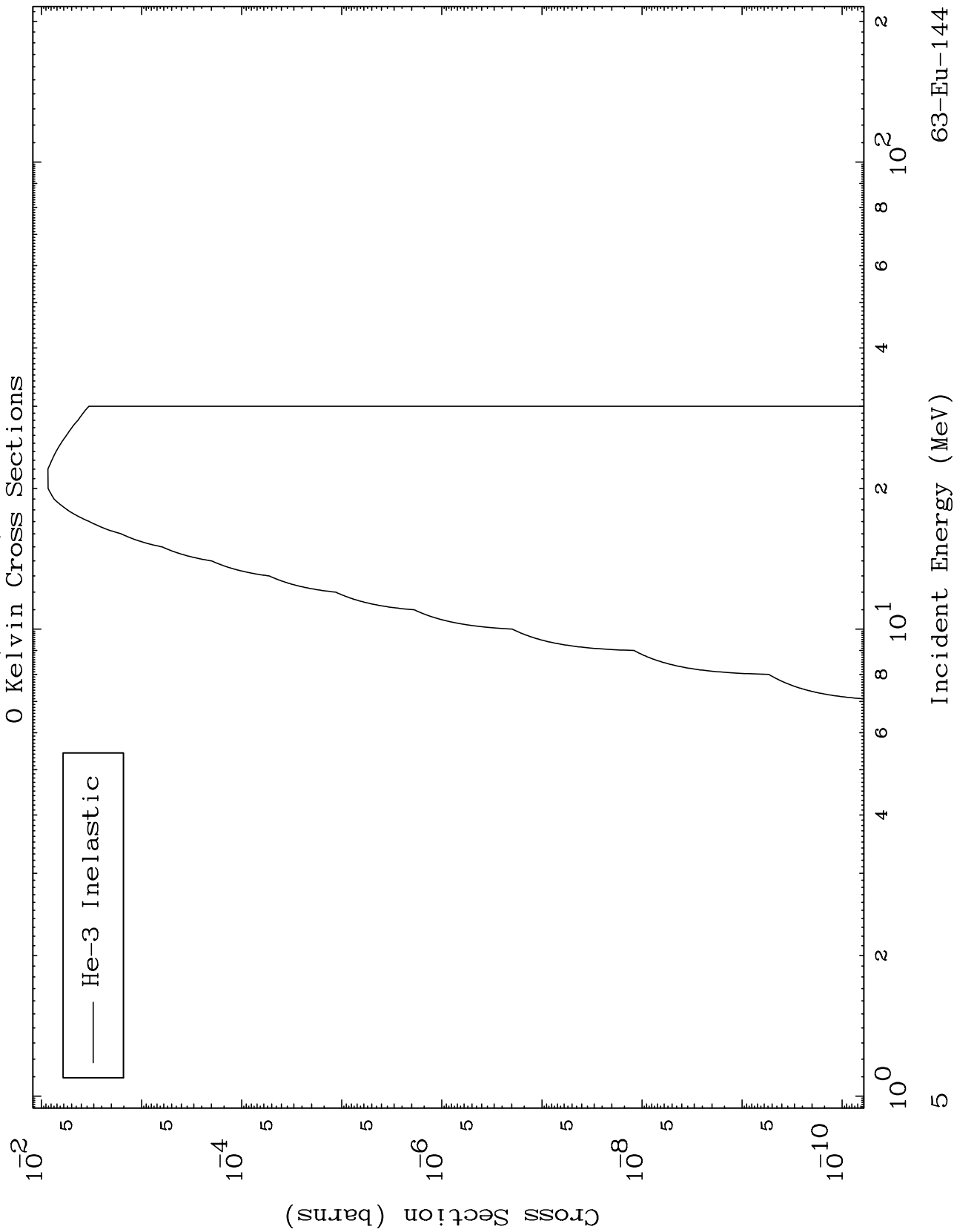
63-Eu-144

Incident Energy (MeV)

MAT 6304

(He-3, n') Level

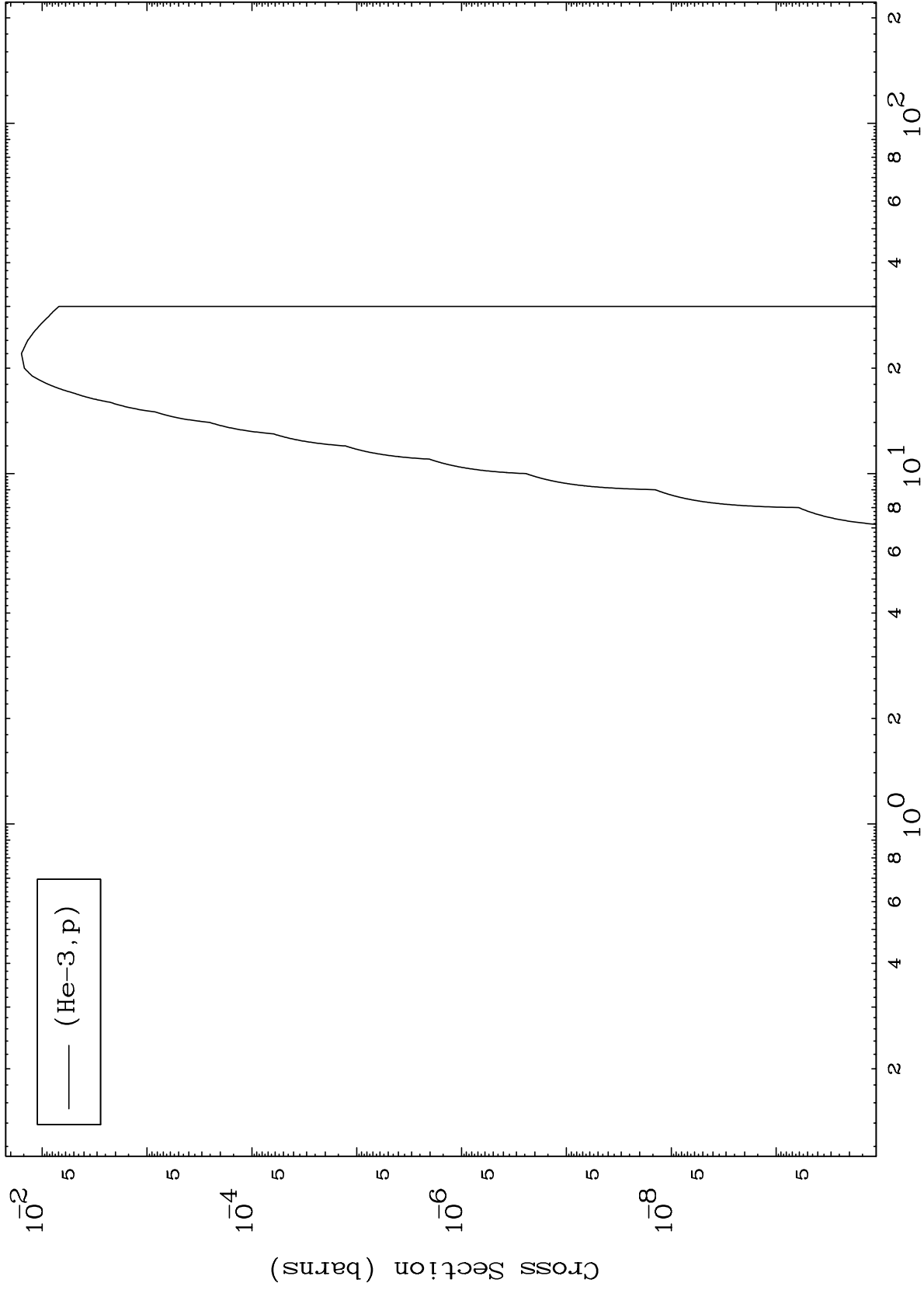
63-Eu-144



MAT 6304

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

63-Eu-144

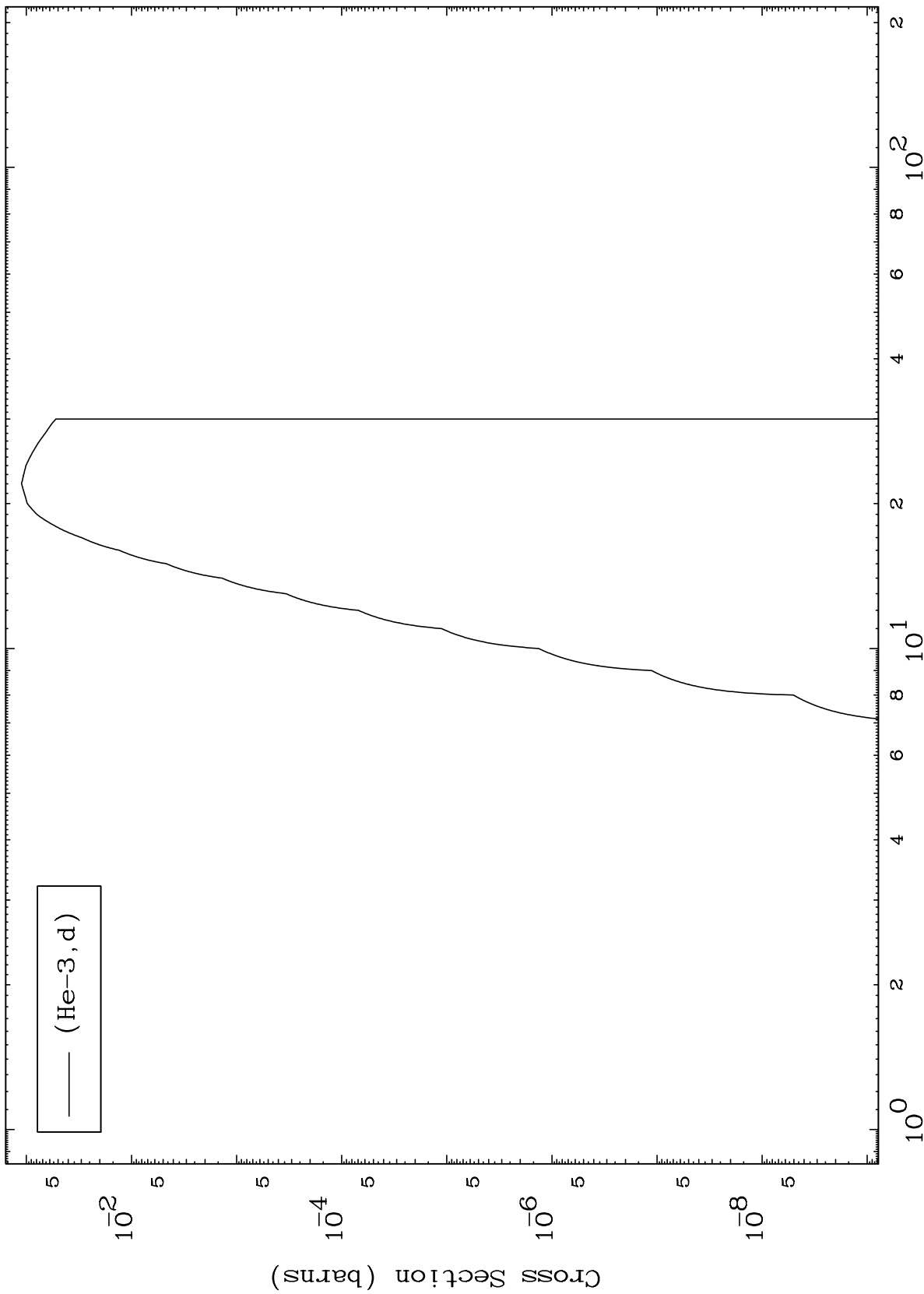


MAT 6304

(He-3,d) Levels

63-Eu-144

0 Kelvin Cross Sections



7

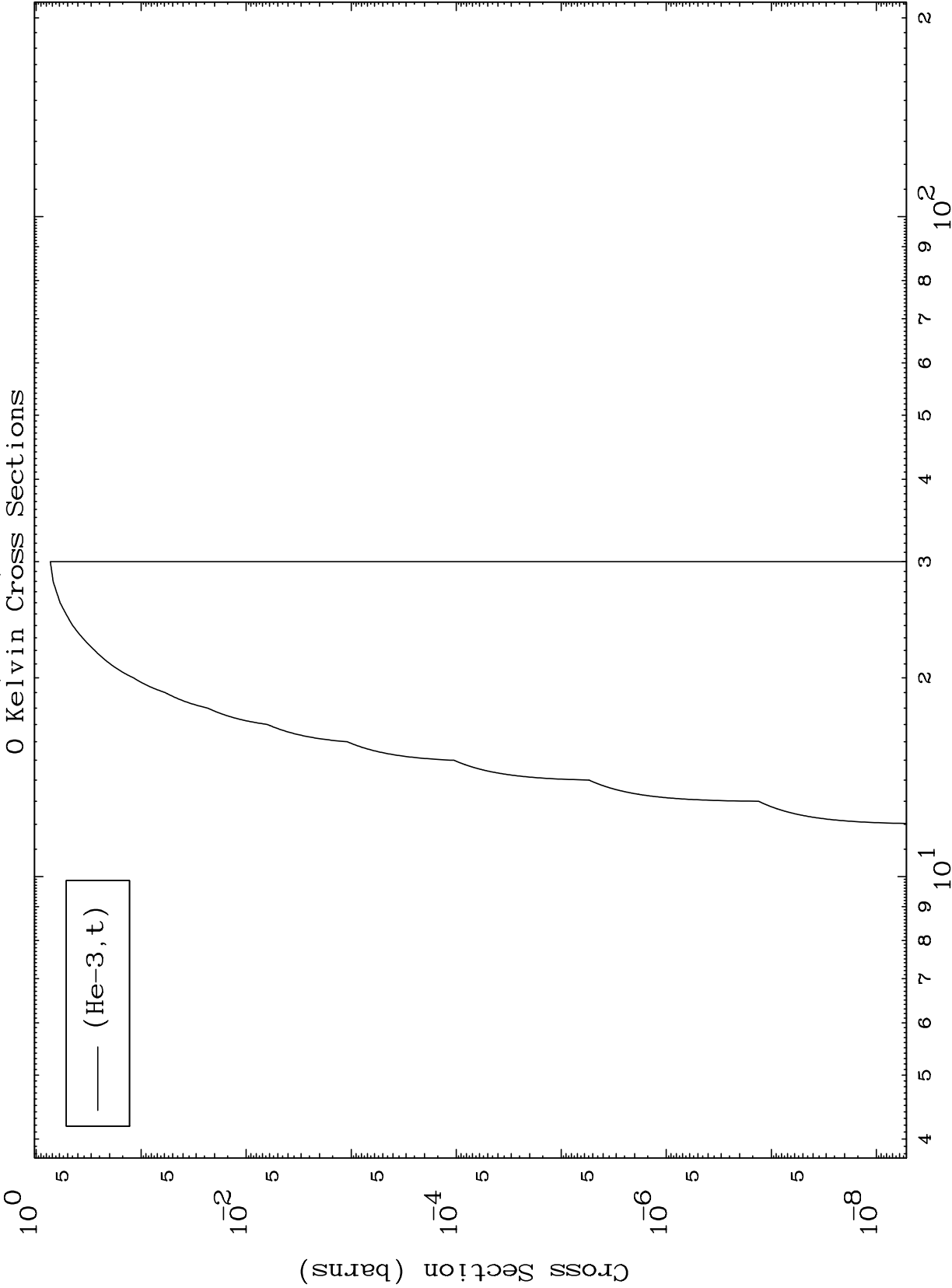
Incident Energy (MeV)

63-Eu-144

MAT 6304

63-Eu-144

(He-3,t) Levels



63-Eu-144

Incident Energy (MeV)

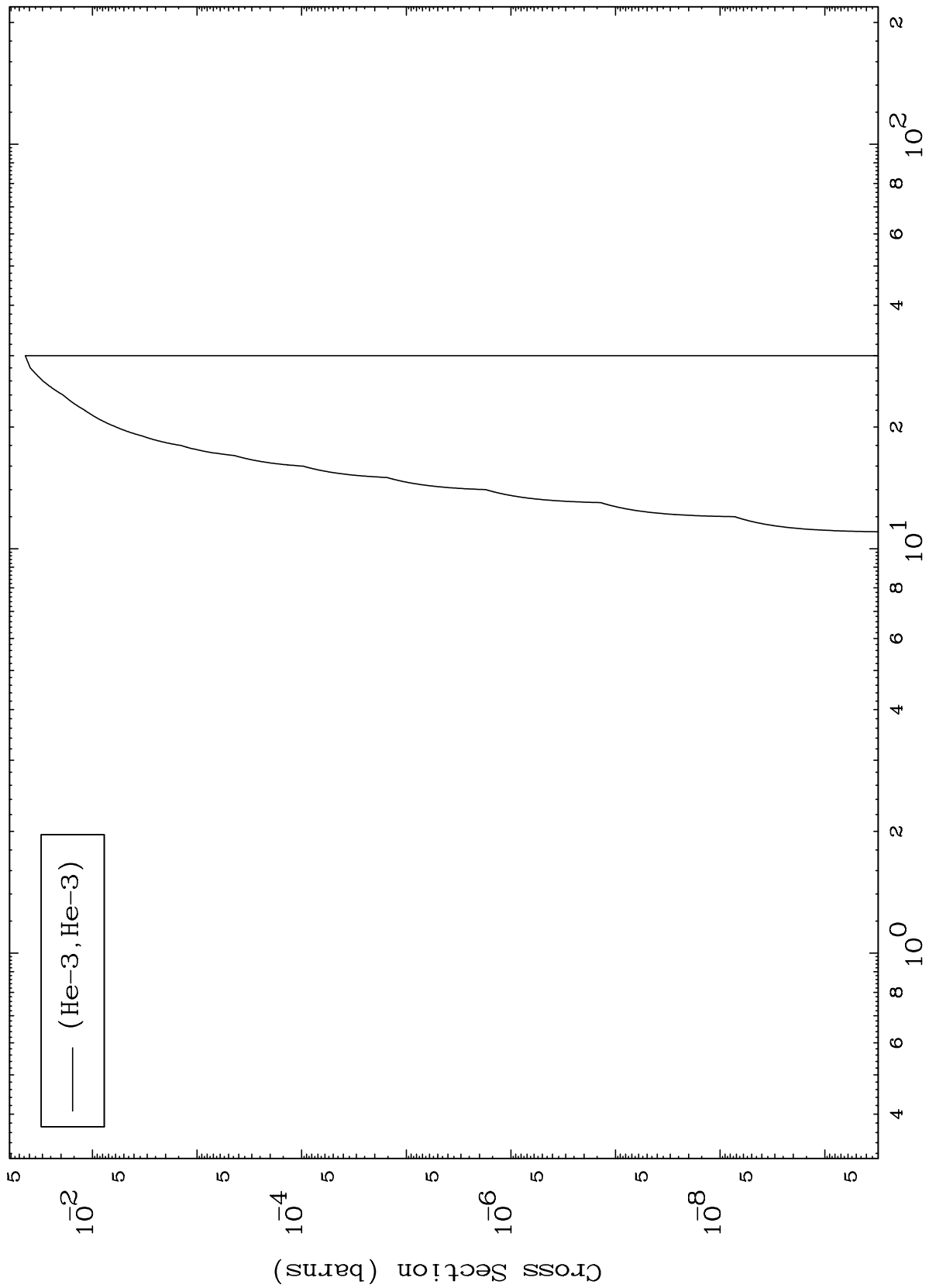
8

MAT 6304

(He-3, He3) Levels

63-Eu-144

0 Kelvin Cross Sections



9

Incident Energy (MeV)

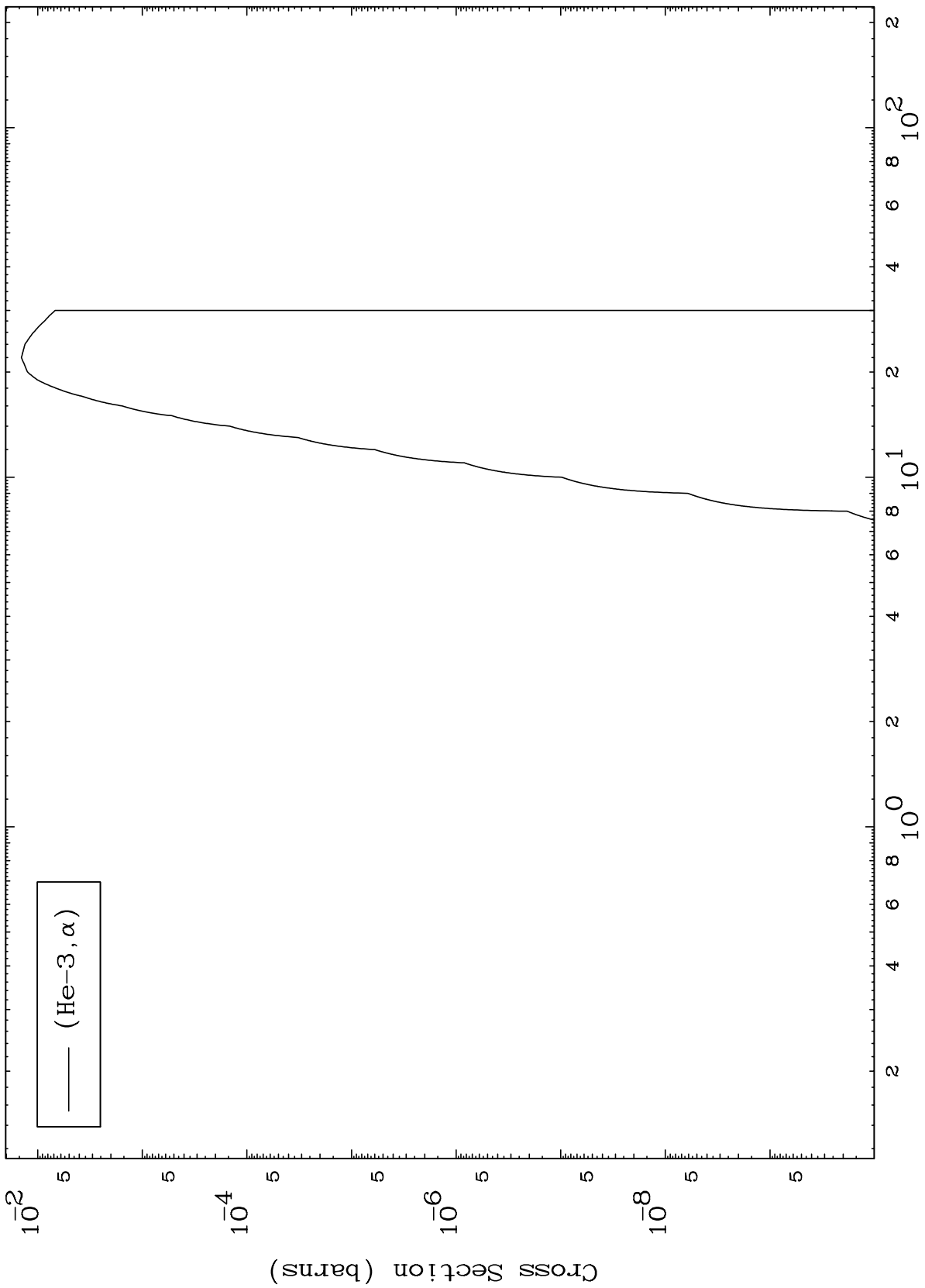
63-Eu-144

MAT 6304

(He-3, α) Levels

63-Eu-144

0 Kelvin Cross Sections



10

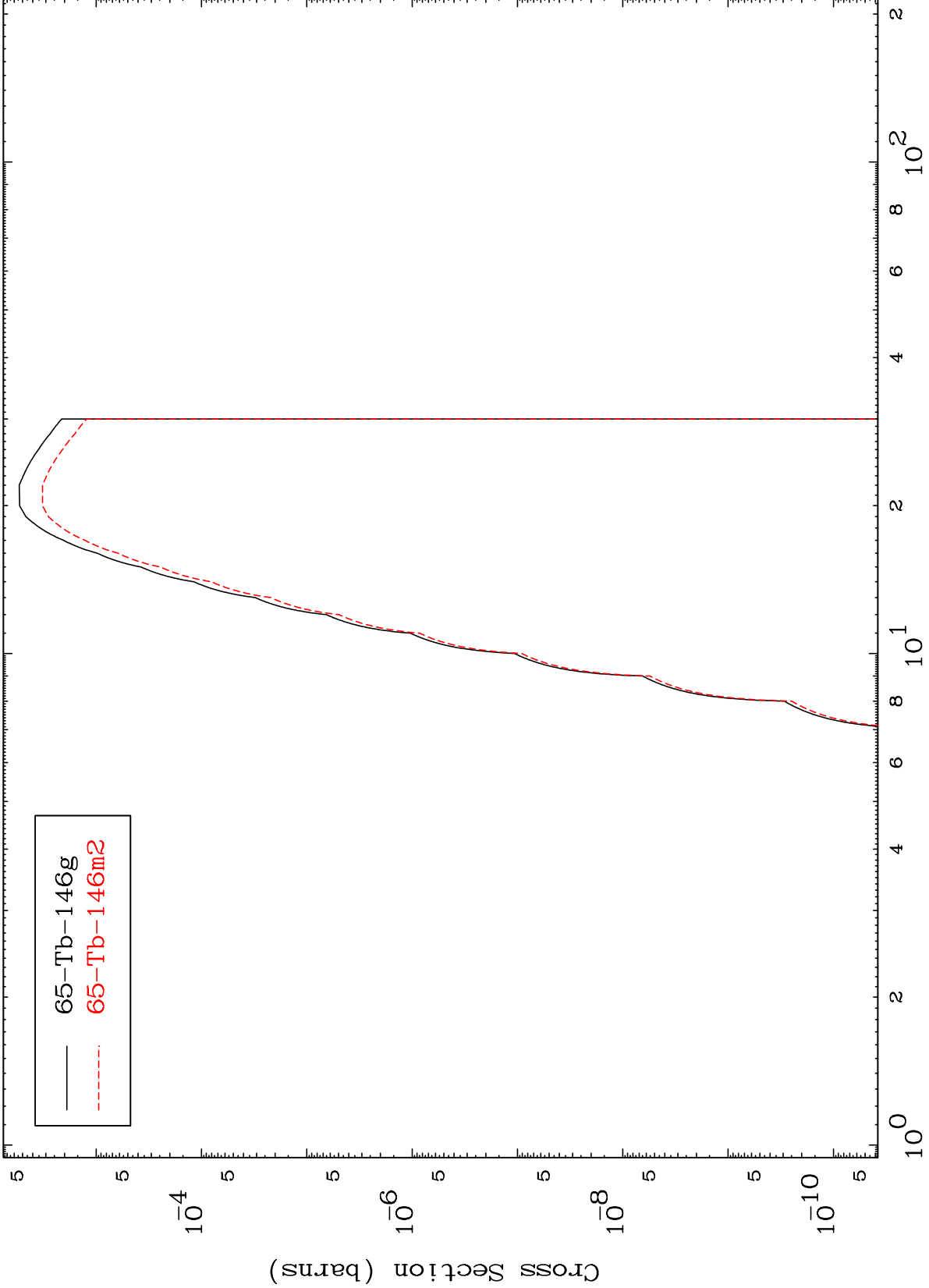
Incident Energy (MeV)

63-Eu-144

MAT 6304

He-3 Inelastic
Radionuclide Production Cross Section

63-Eu-144



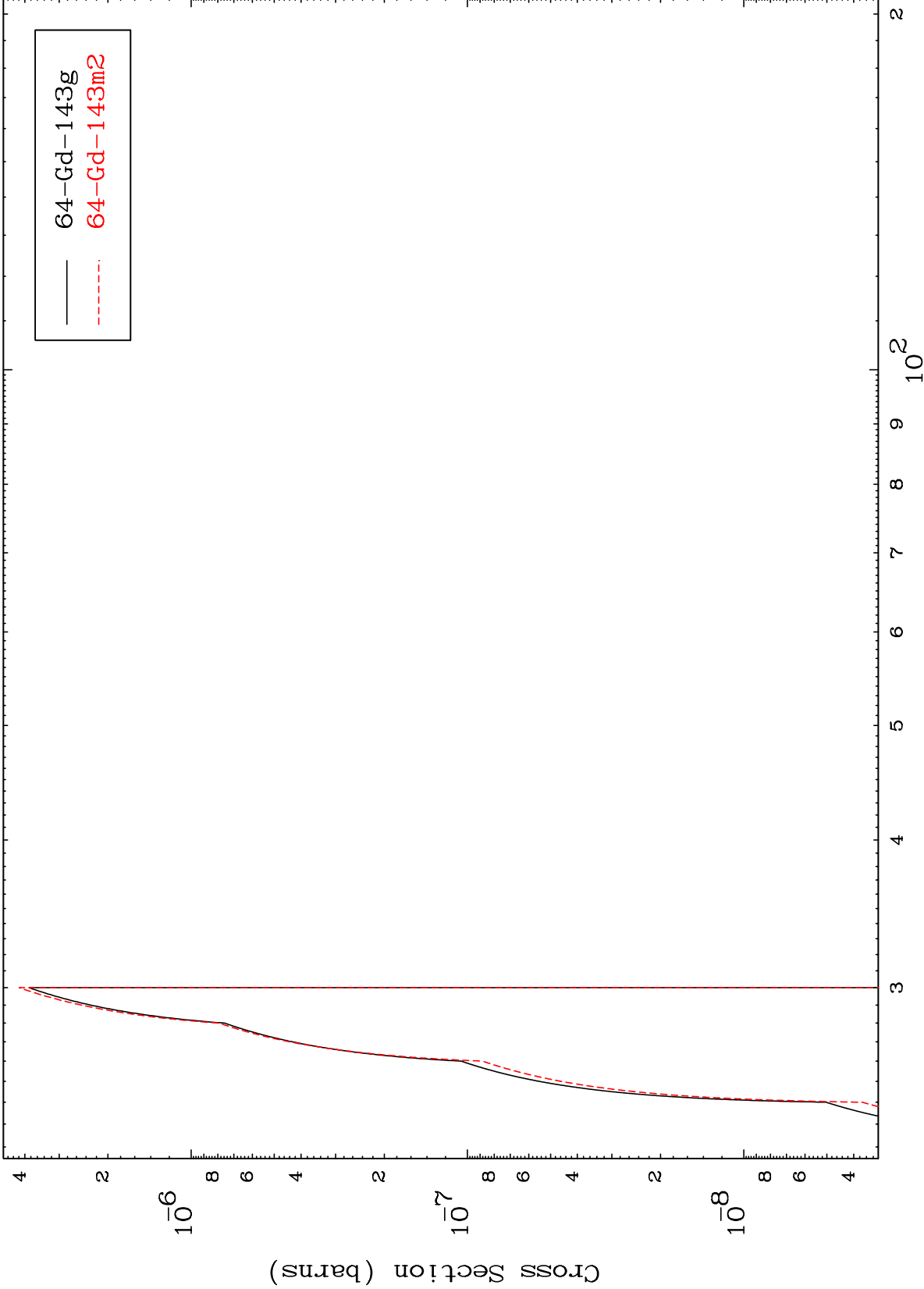
65-Tb-146g
65-Tb-146m2

MAT 6304

(He-3,2n) d

63-Eu-144

Radionuclide Production Cross Section



12

Incident Energy (MeV)

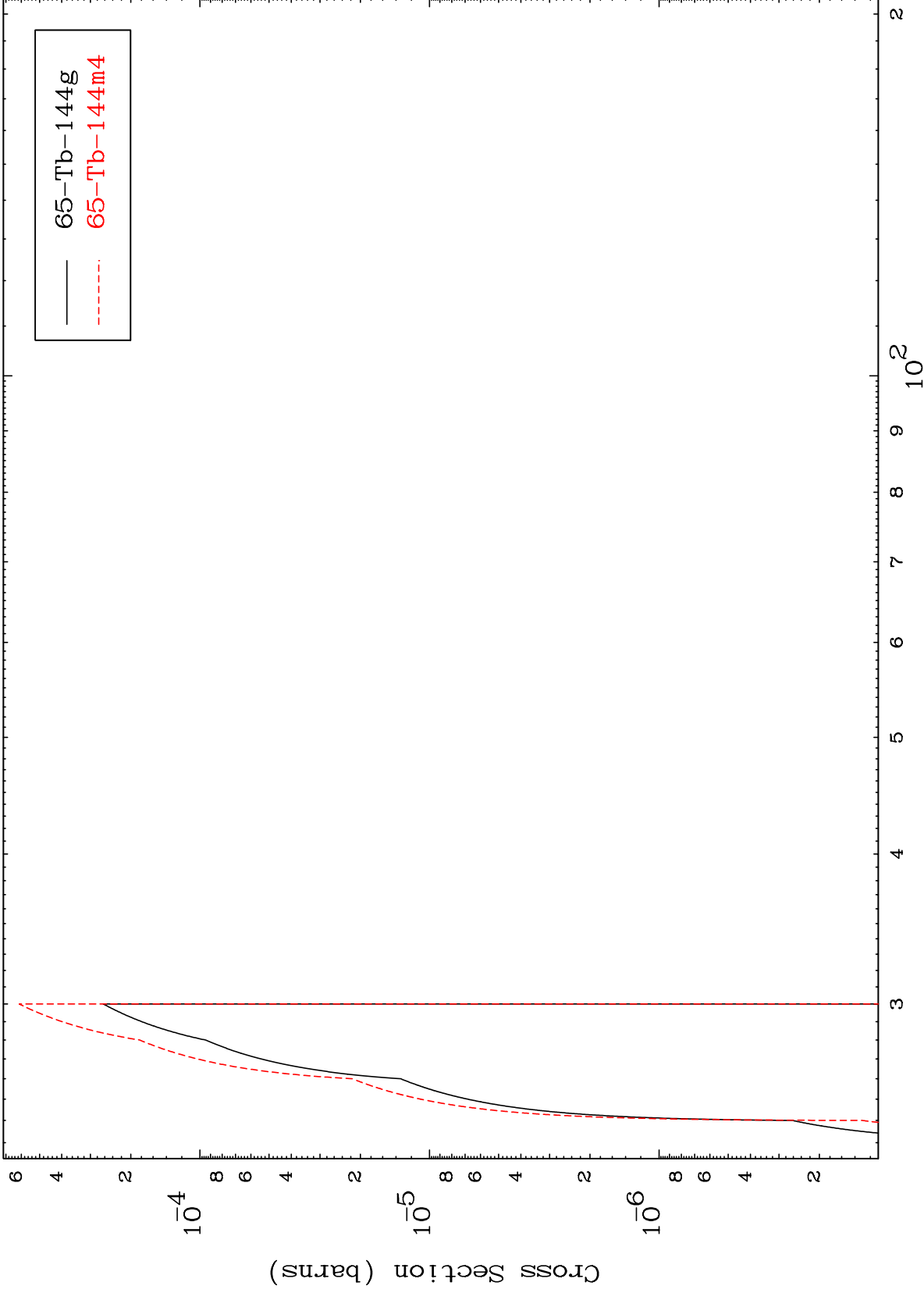
63-Eu-144

MAT 6304

(He-3,3n)

63-Eu-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

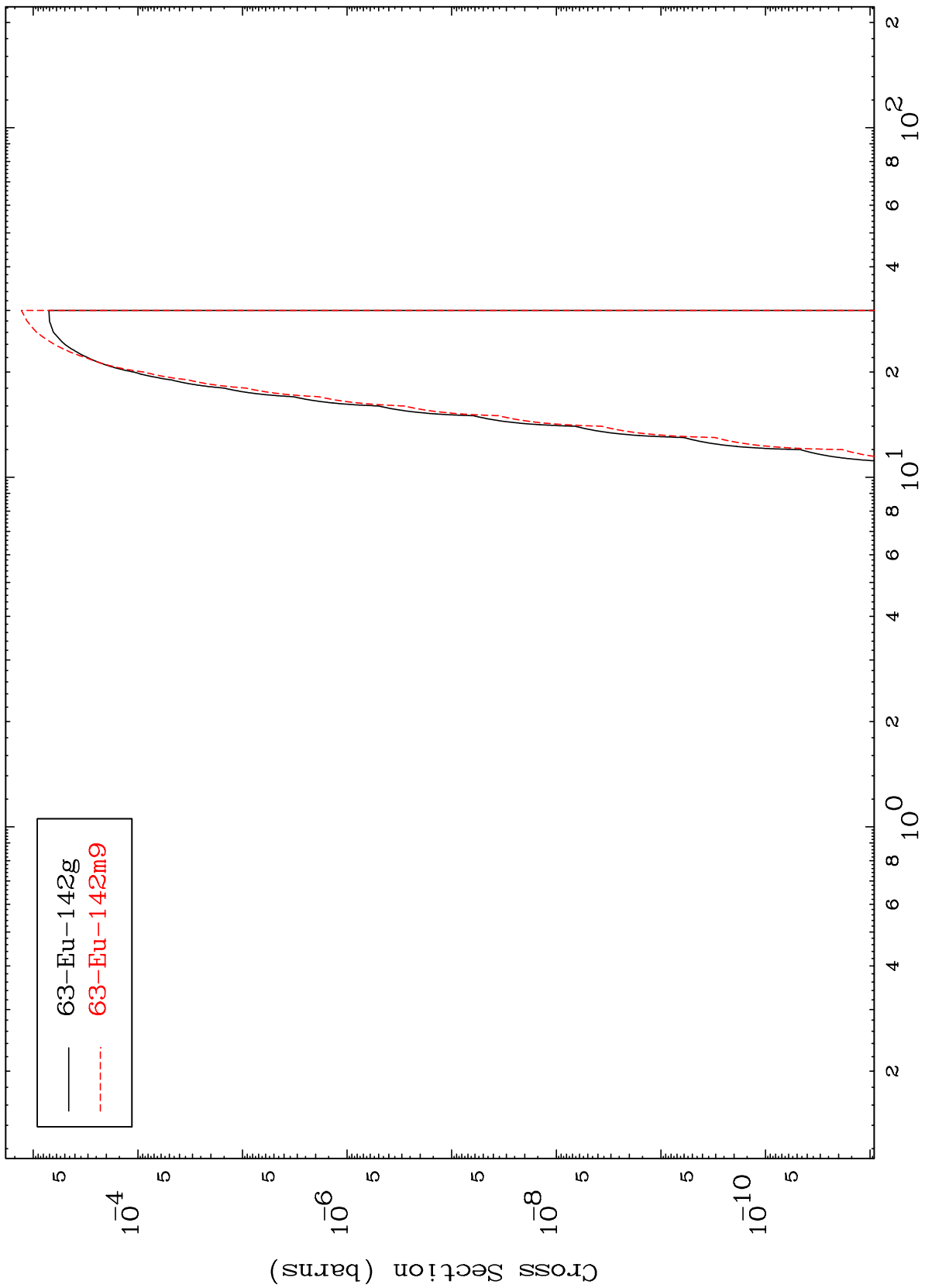
63-Eu-144

MAT 6304

(He-3, n') α

63-Eu-144

Radionuclide Production Cross Section

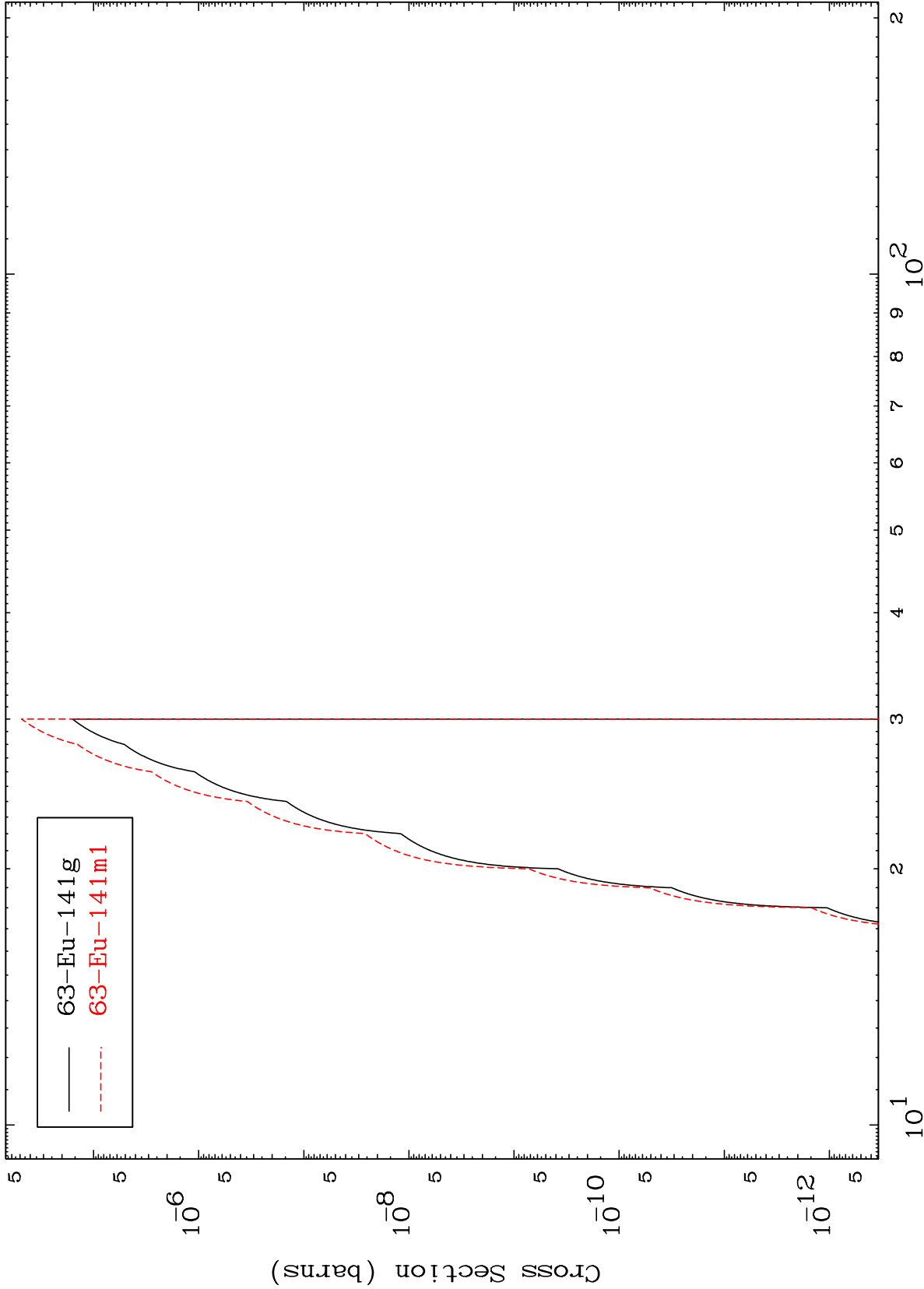


MAT 6304

(He-3,2n) α

63-Eu-144

Radionuclide Production Cross Section



15

Incident Energy (MeV)

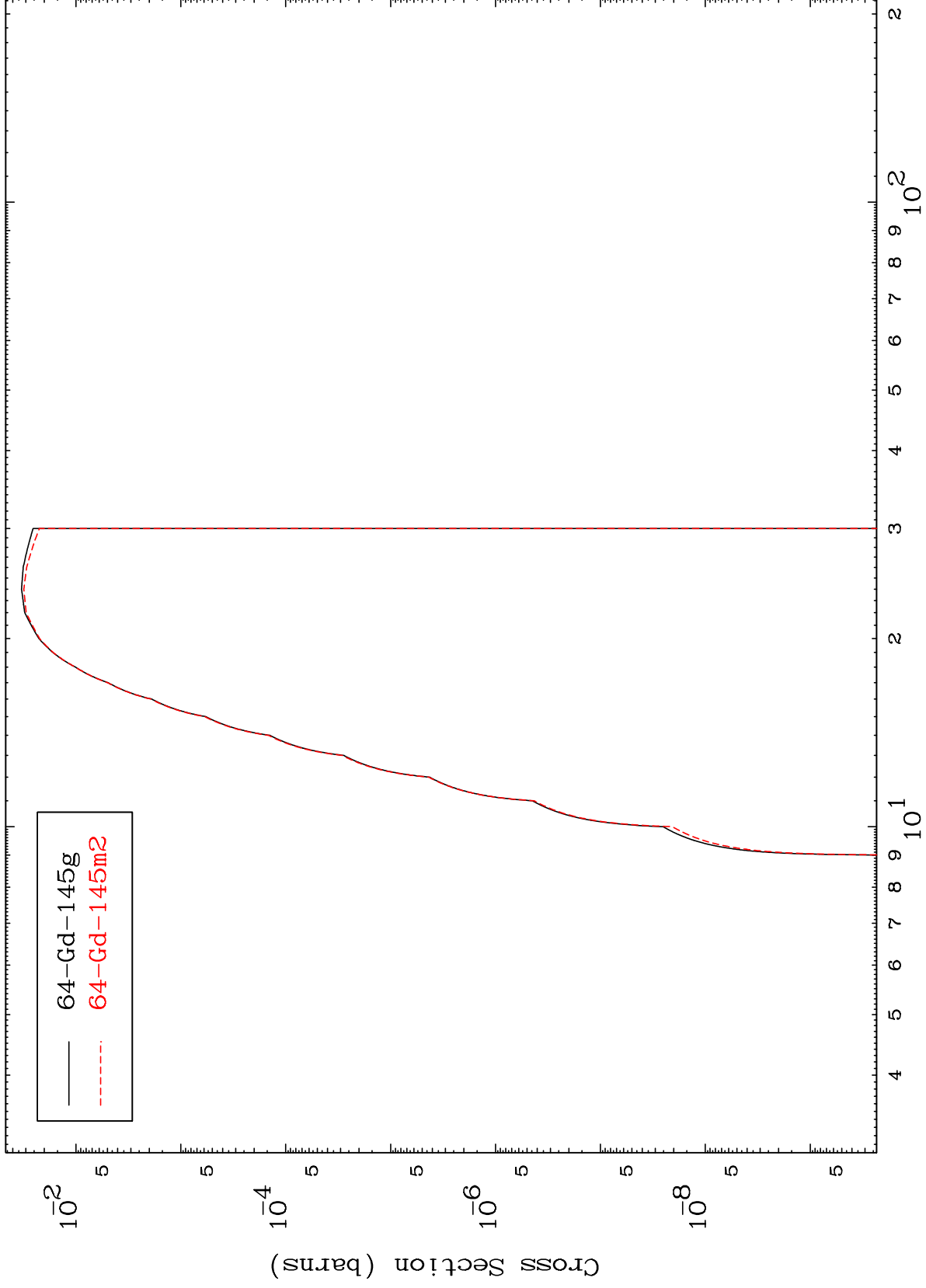
63-Eu-144

MAT 6304

(He-3, n') p

63-Eu-144

Radionuclide Production Cross Section



16

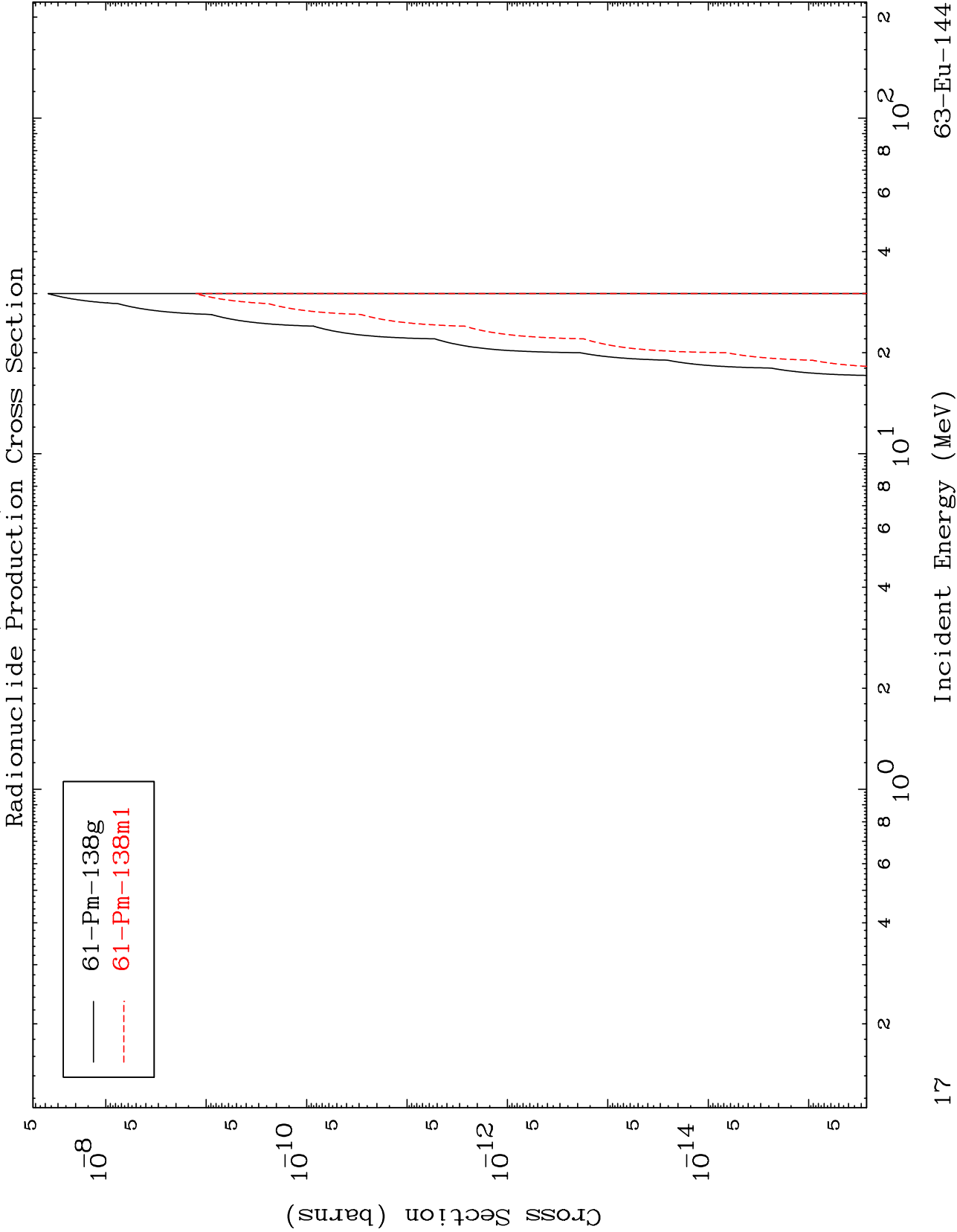
Incident Energy (MeV)

63-Eu-144

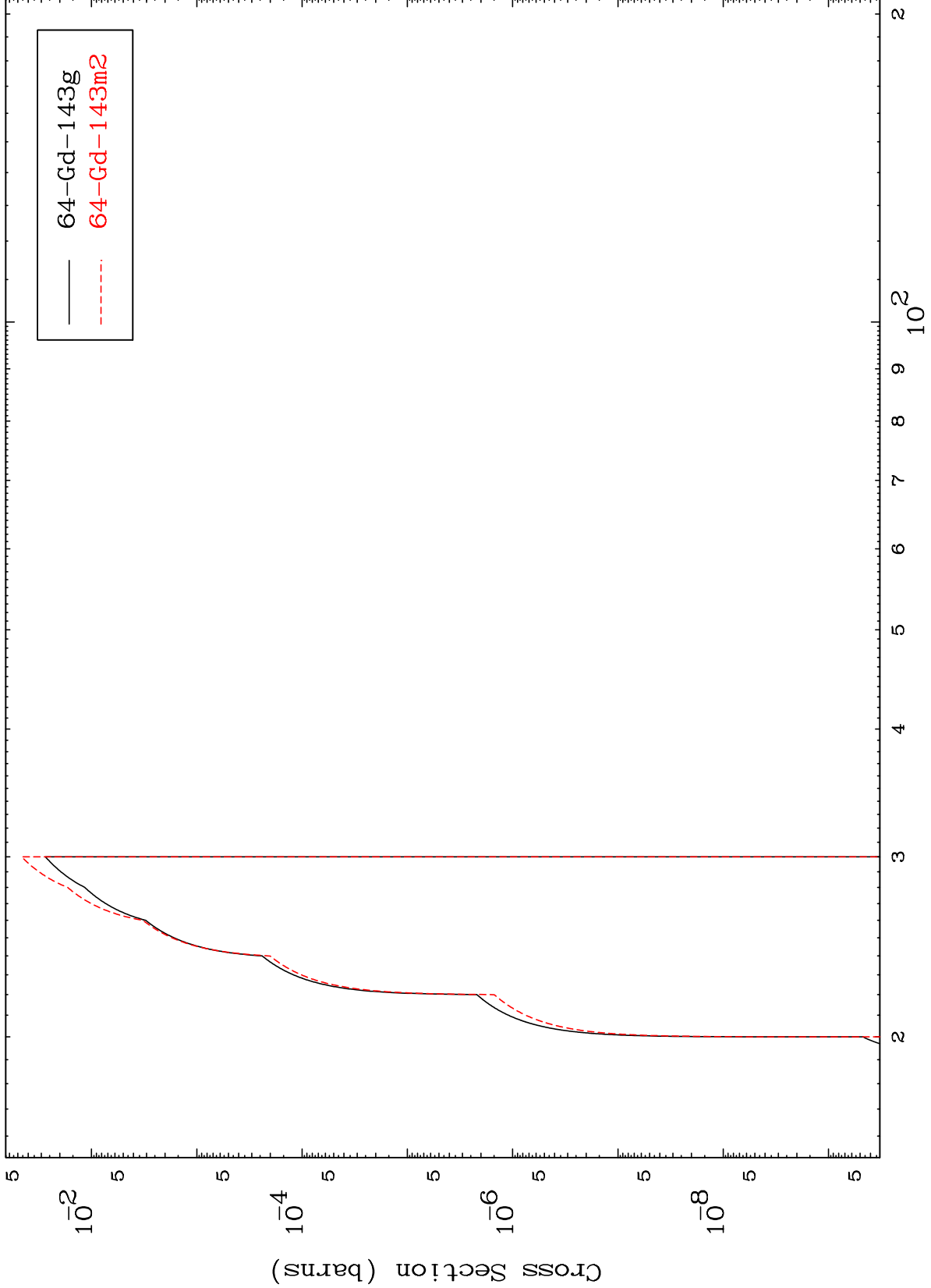
MAT 6304

(He-3, n') 2α

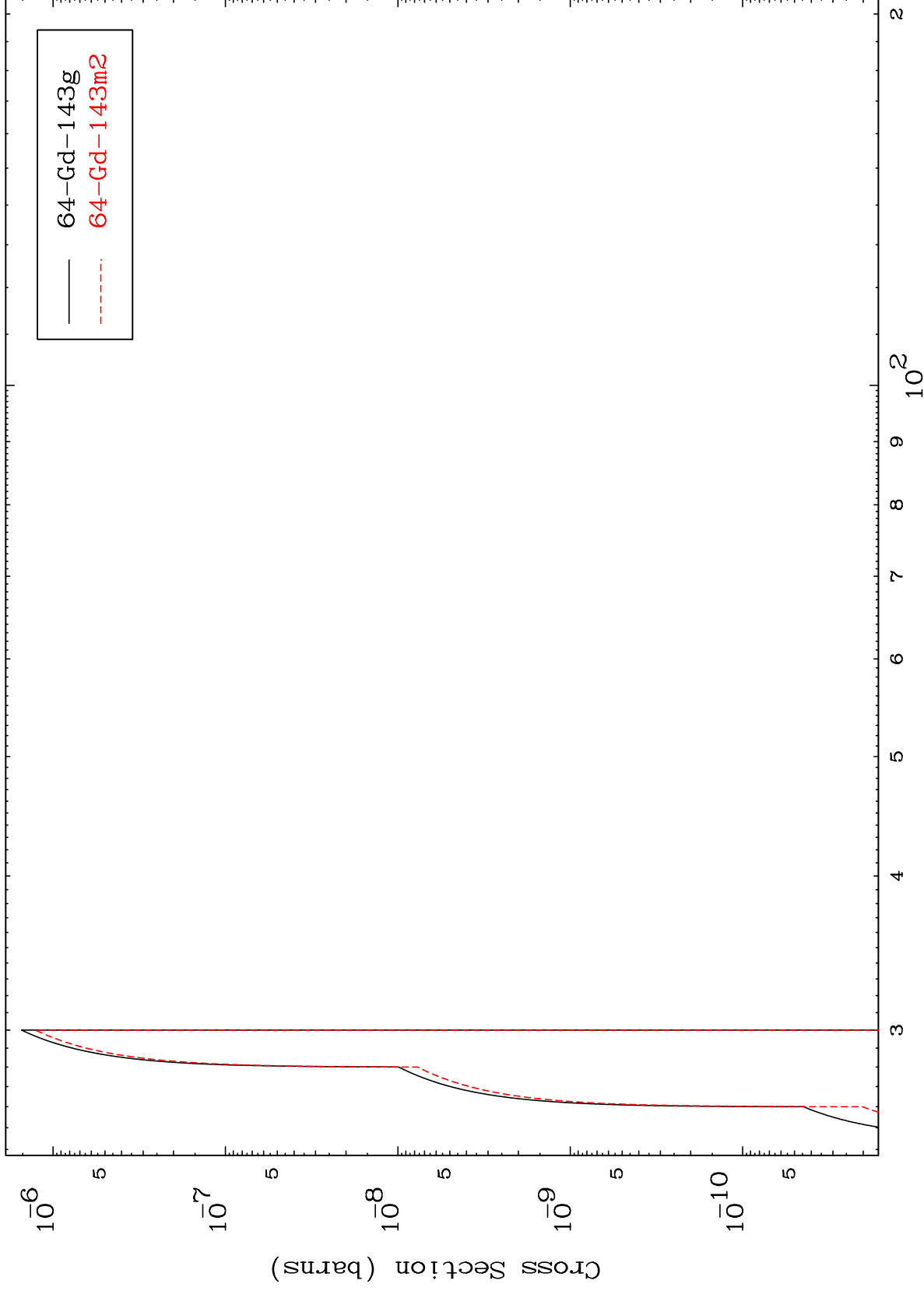
63-Eu-144



Radionuclide Production Cross Section



Radionuclide Production Cross Section

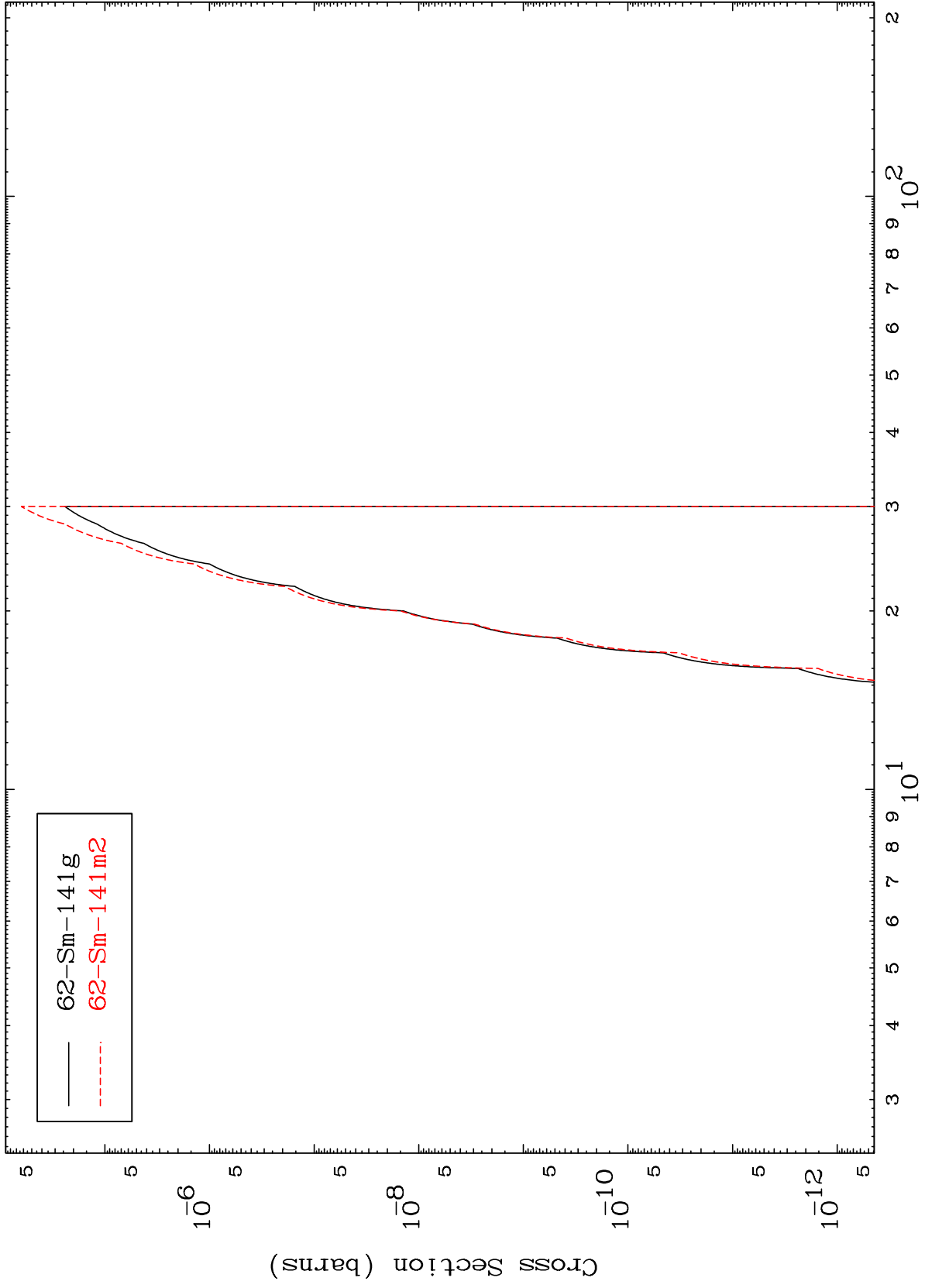


MAT 6304

(He-3, n') p α

63-Eu-144

Radionuclide Production Cross Section



20

Incident Energy (MeV)

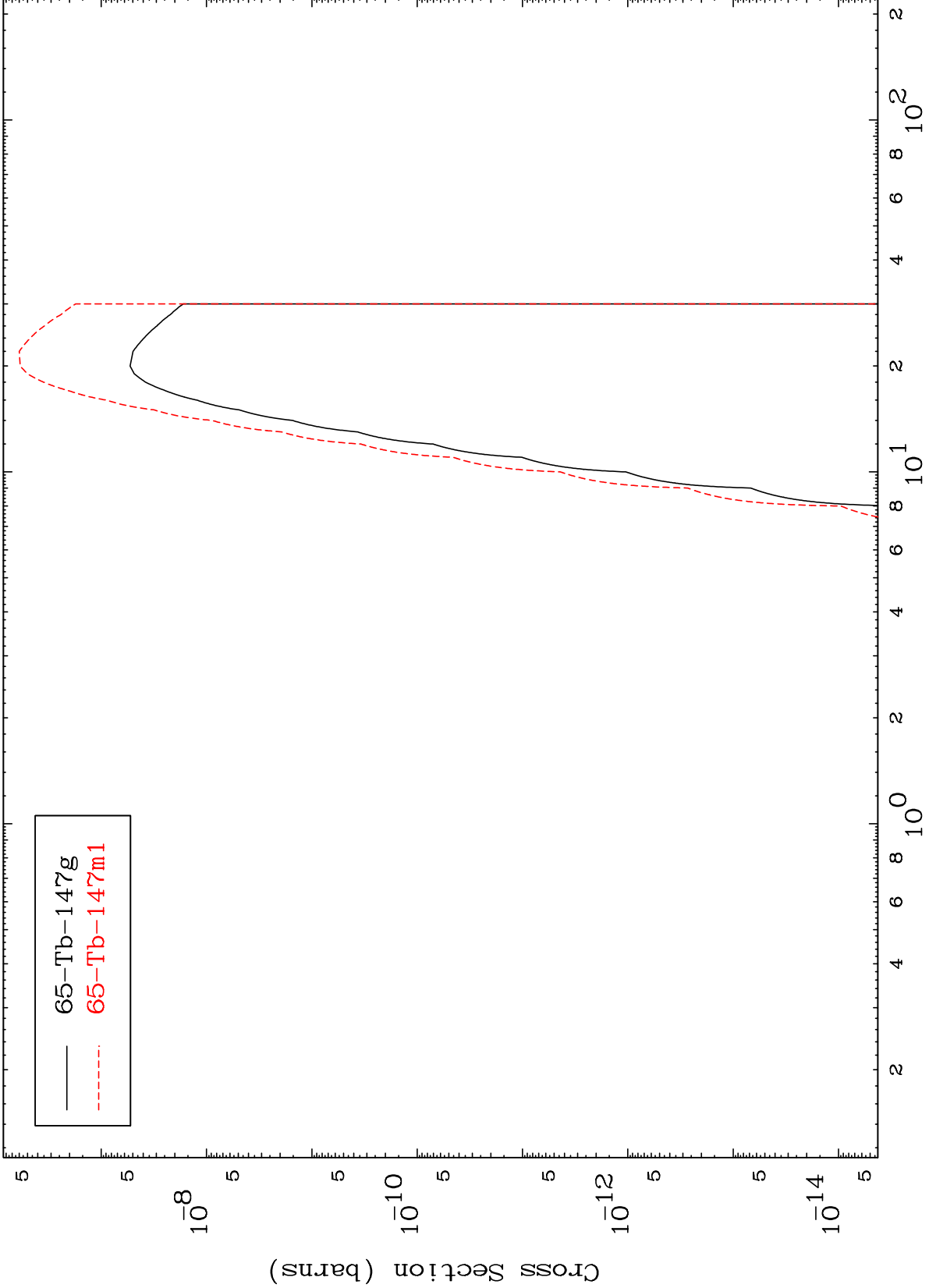
63-Eu-144

MAT 6304

(He-3, γ)

63-Eu-144

Radionuclide Production Cross Section

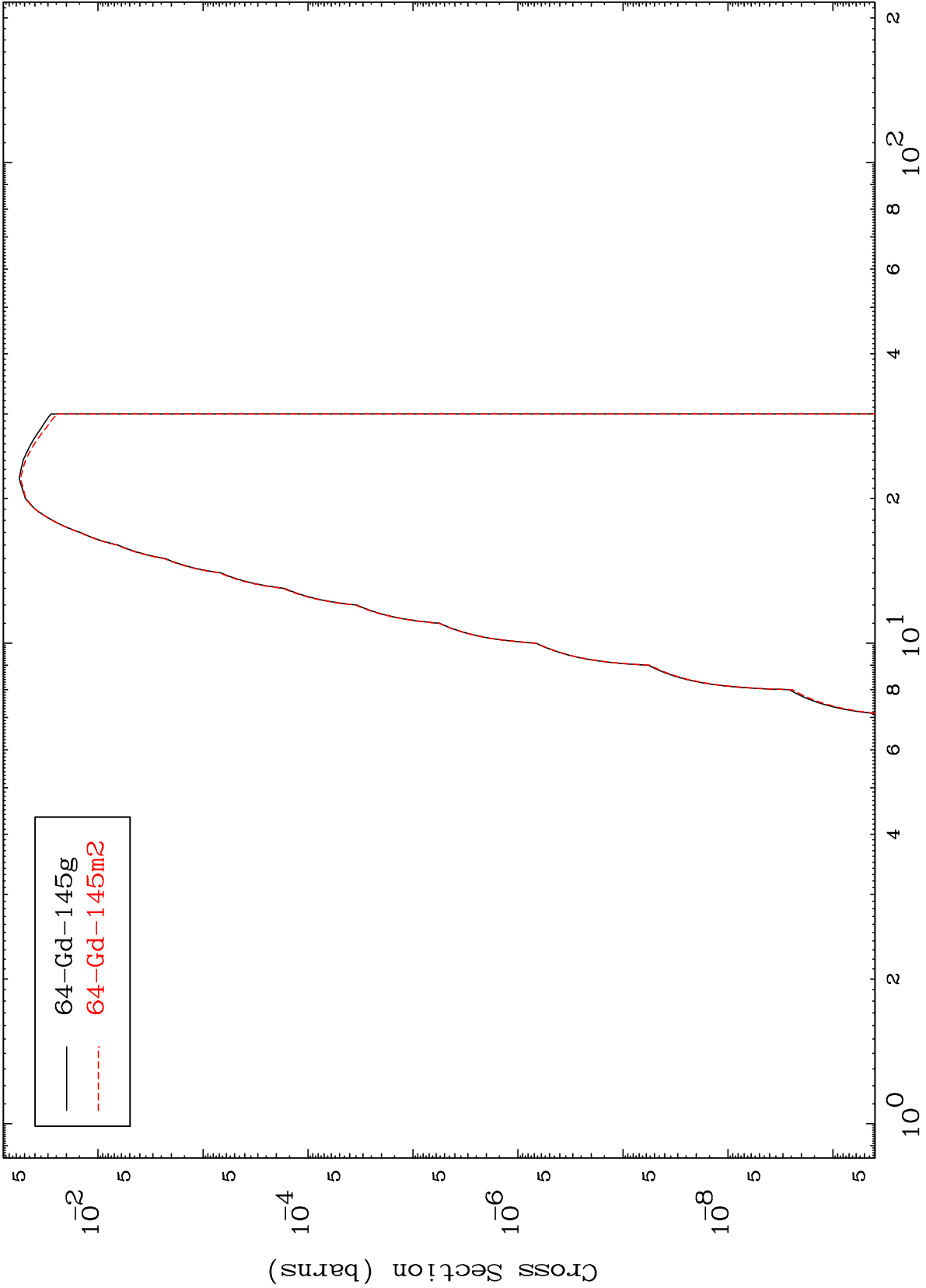


MAT 6304

(He-3, d)

63-Eu-144

Radionuclide Production Cross Section



22

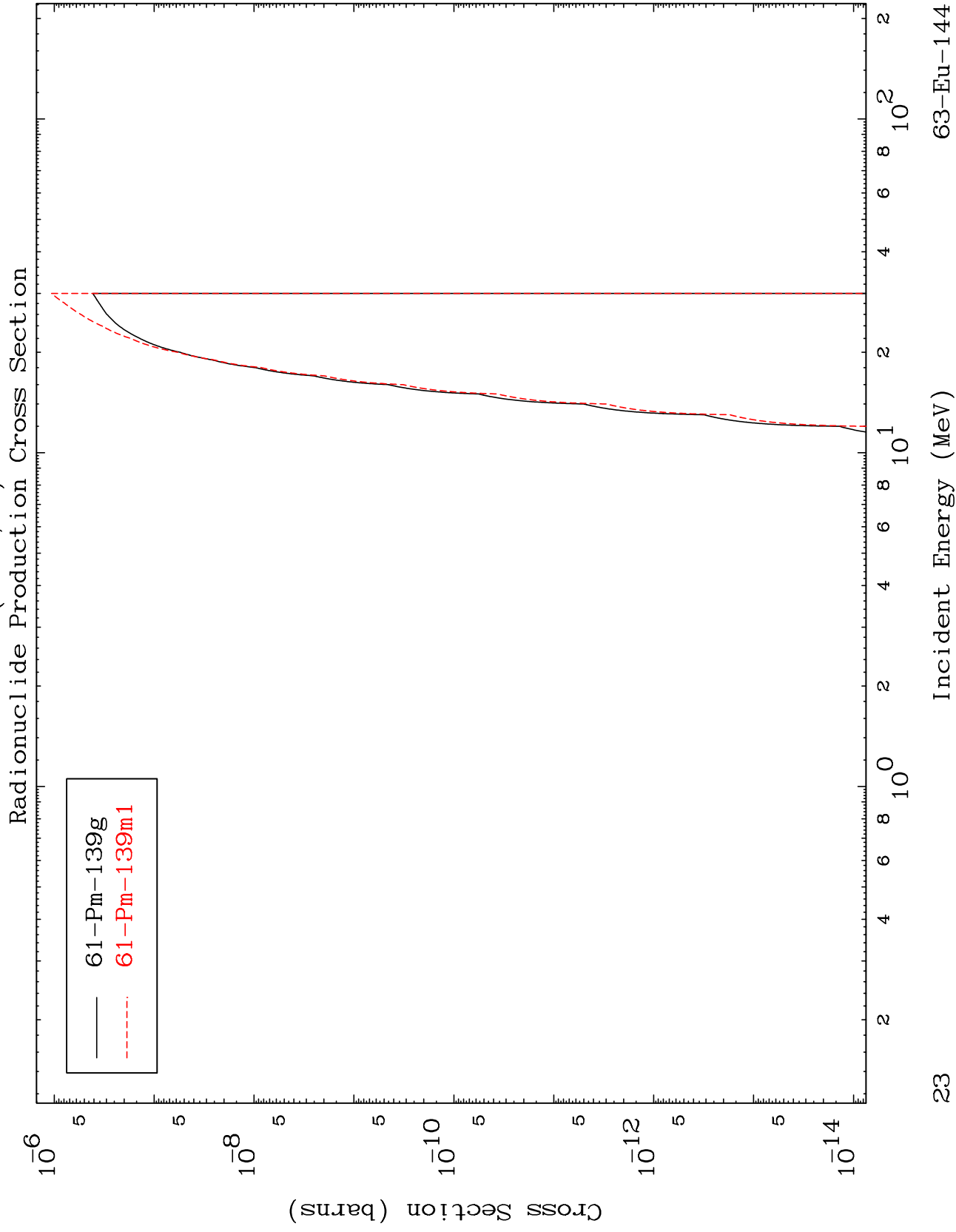
Incident Energy (MeV)

63-Eu-144

MAT 6304

(He-3, 2α)

63-Eu-144

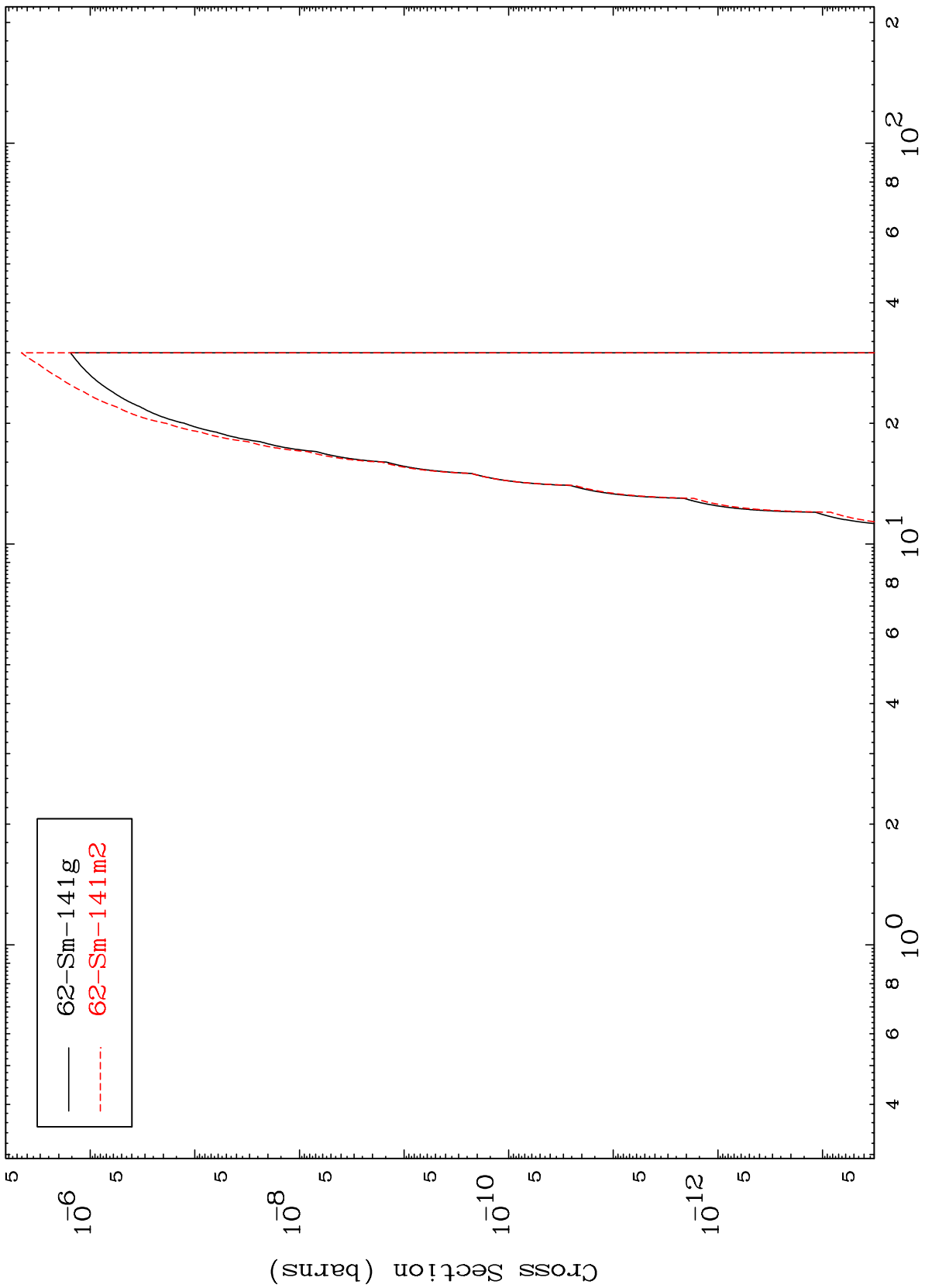


MAT 6304

(He-3, d) α

63-Eu-144

Radionuclide Production Cross Section



24

Incident Energy (MeV)

63-Eu-144