

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

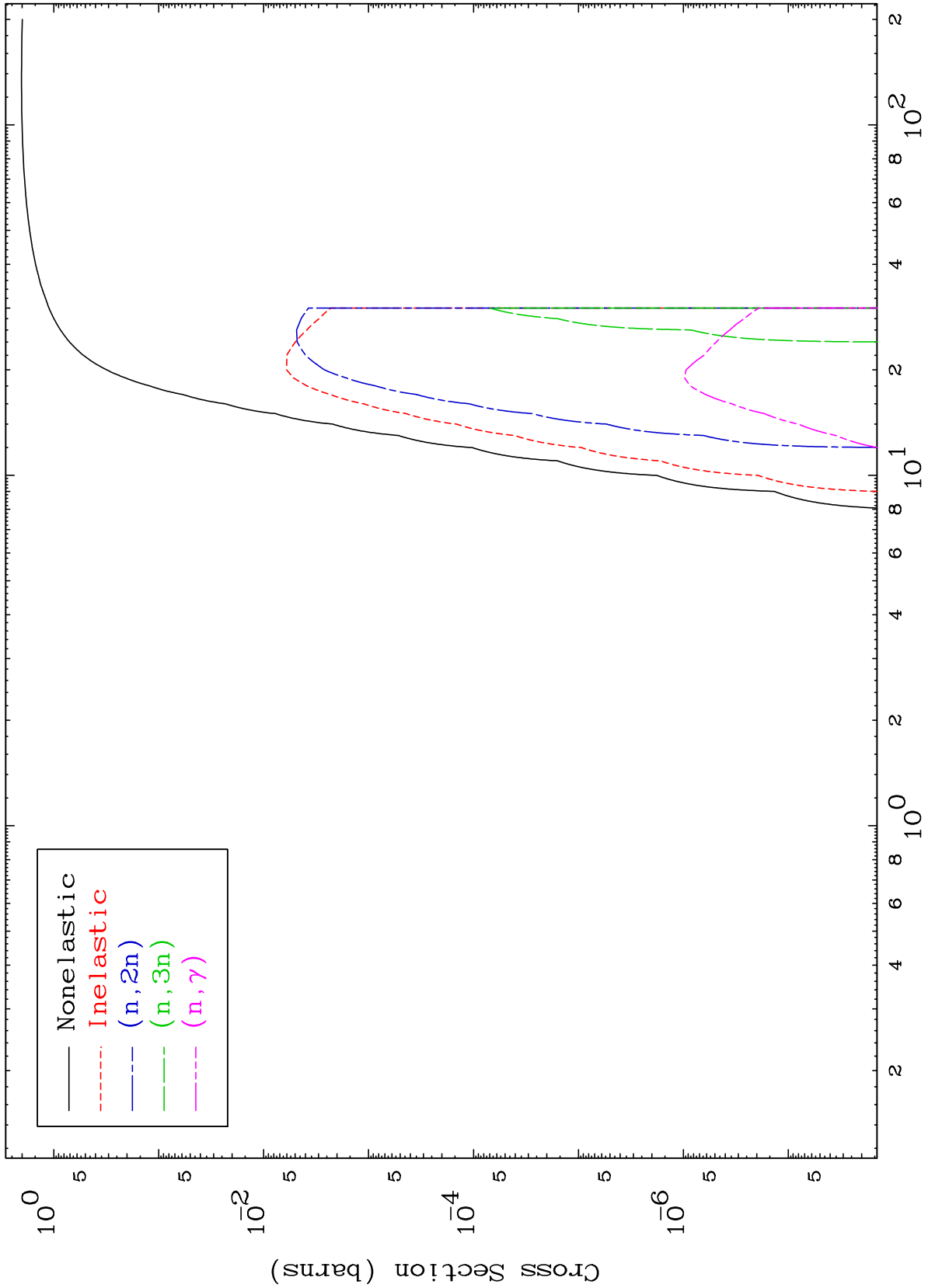
Press Mouse Button to Start

MAT 6299

He-3 Major

63-Eu-142m

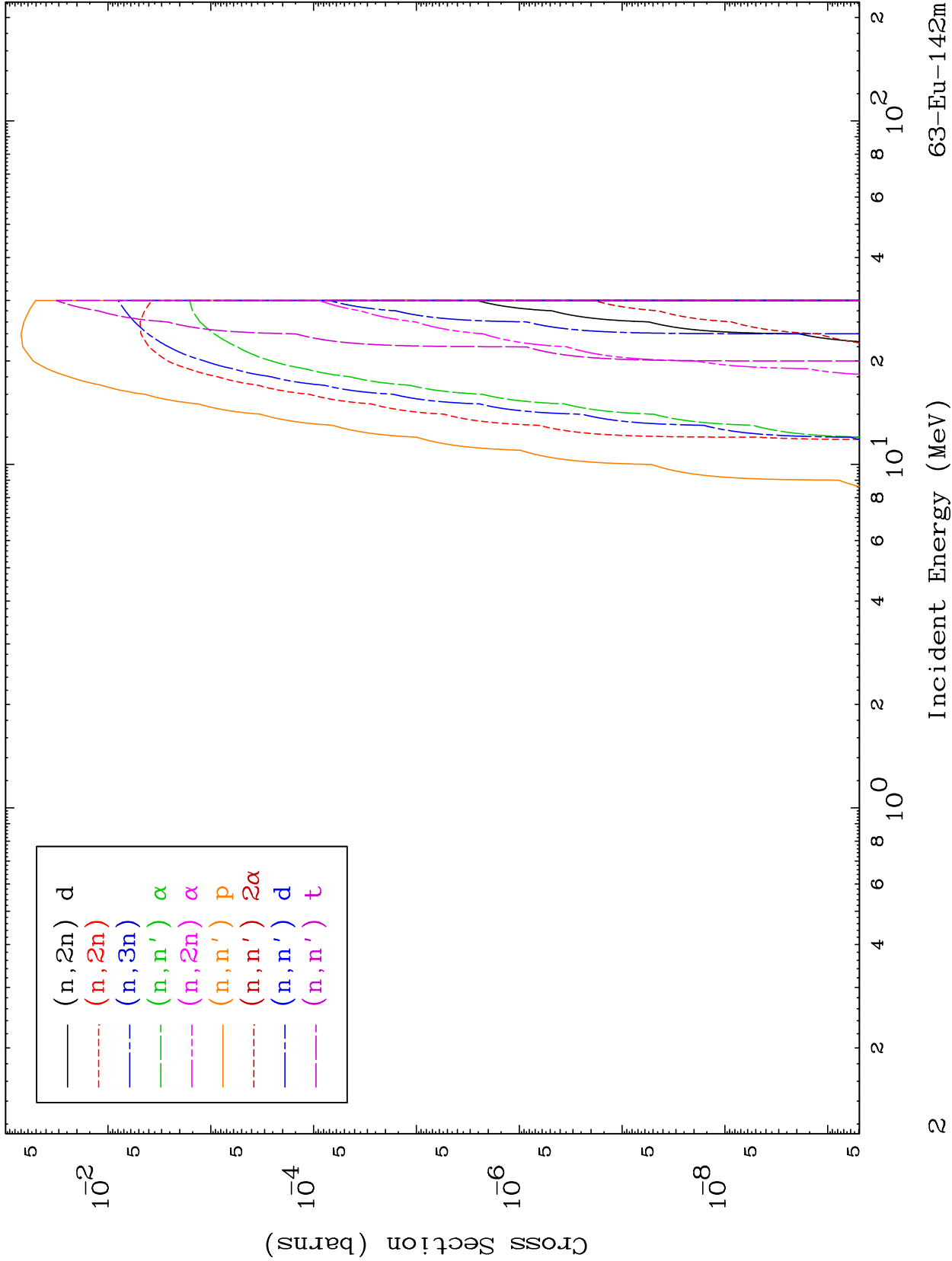
0 Kelvin Cross Sections



MAT 6299

He-3 Neutron Absorption
0 Kelvin Cross Sections

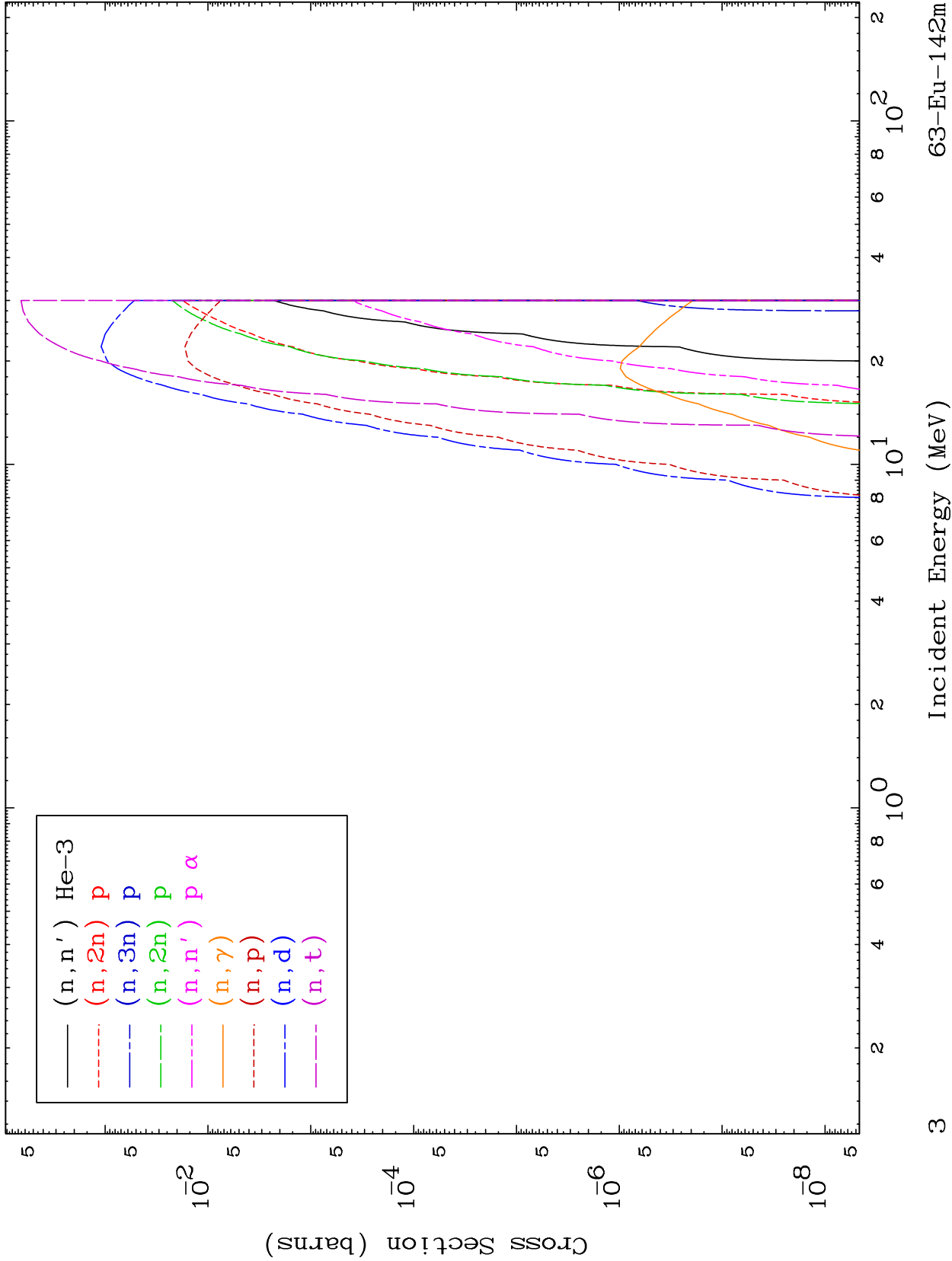
63-Eu-142m



MAT 6299

He-3 Neutron Absorption
0 Kelvin Cross Sections

63-Eu-142m

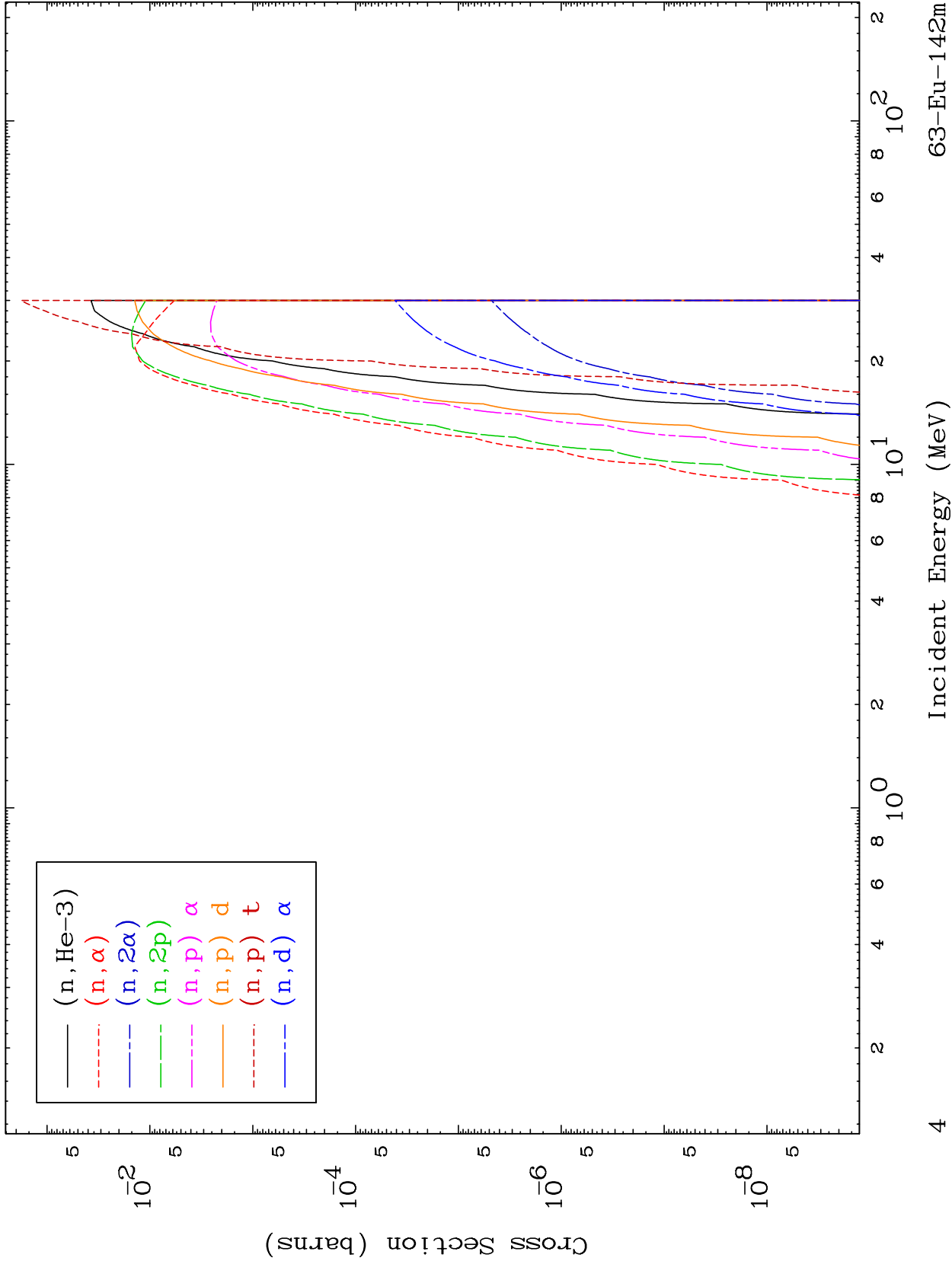


63-Eu-142m

MAT 6299

He-3 Neutron Absorption
0 Kelvin Cross Sections

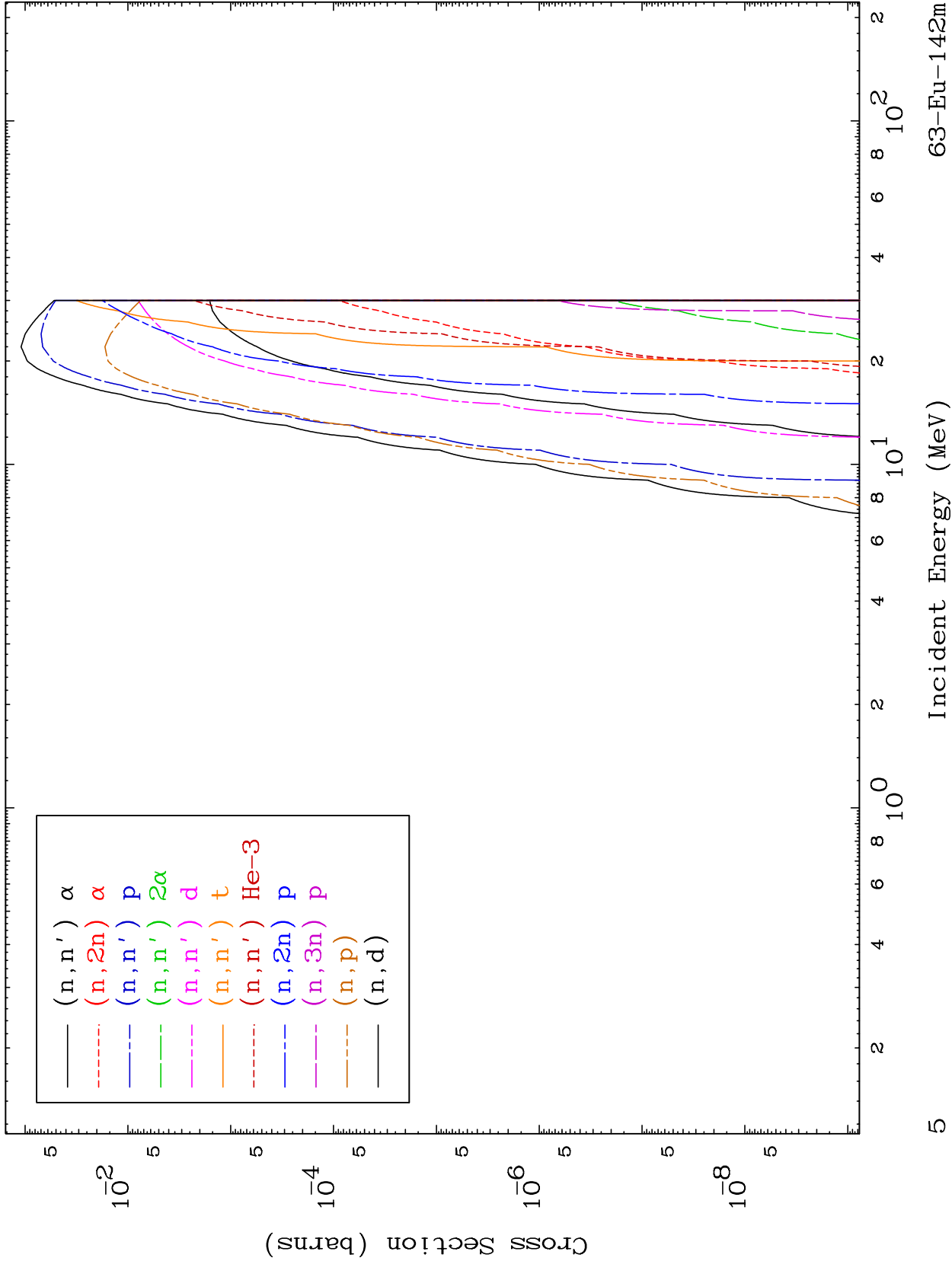
63-Eu-142m



MAT 6299

He-3 Charged Particle
0 Kelvin Cross Sections

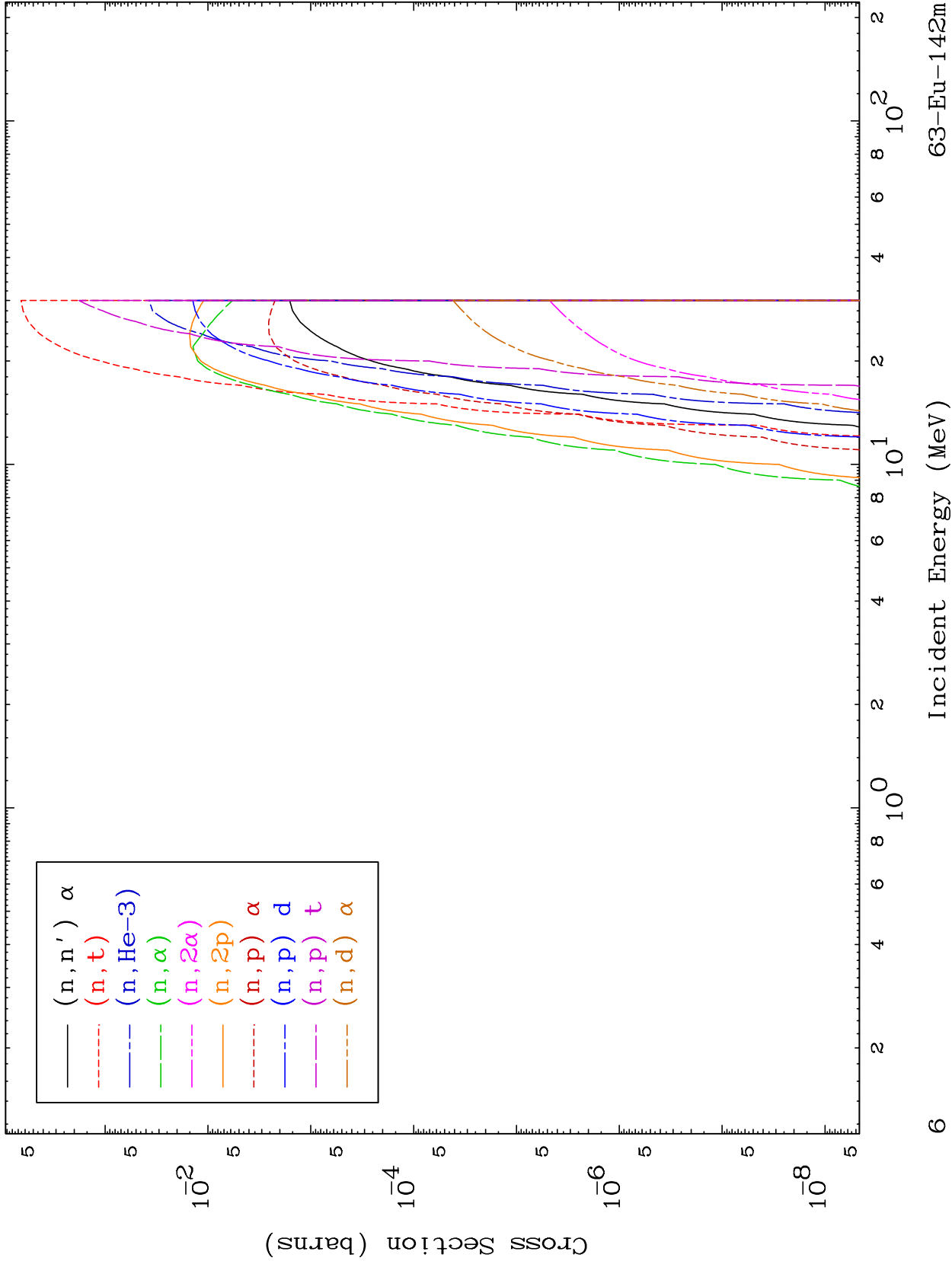
63-Eu-142m



MAT 6299

He-3 Charged Particle
0 Kelvin Cross Sections

63-Eu-142m



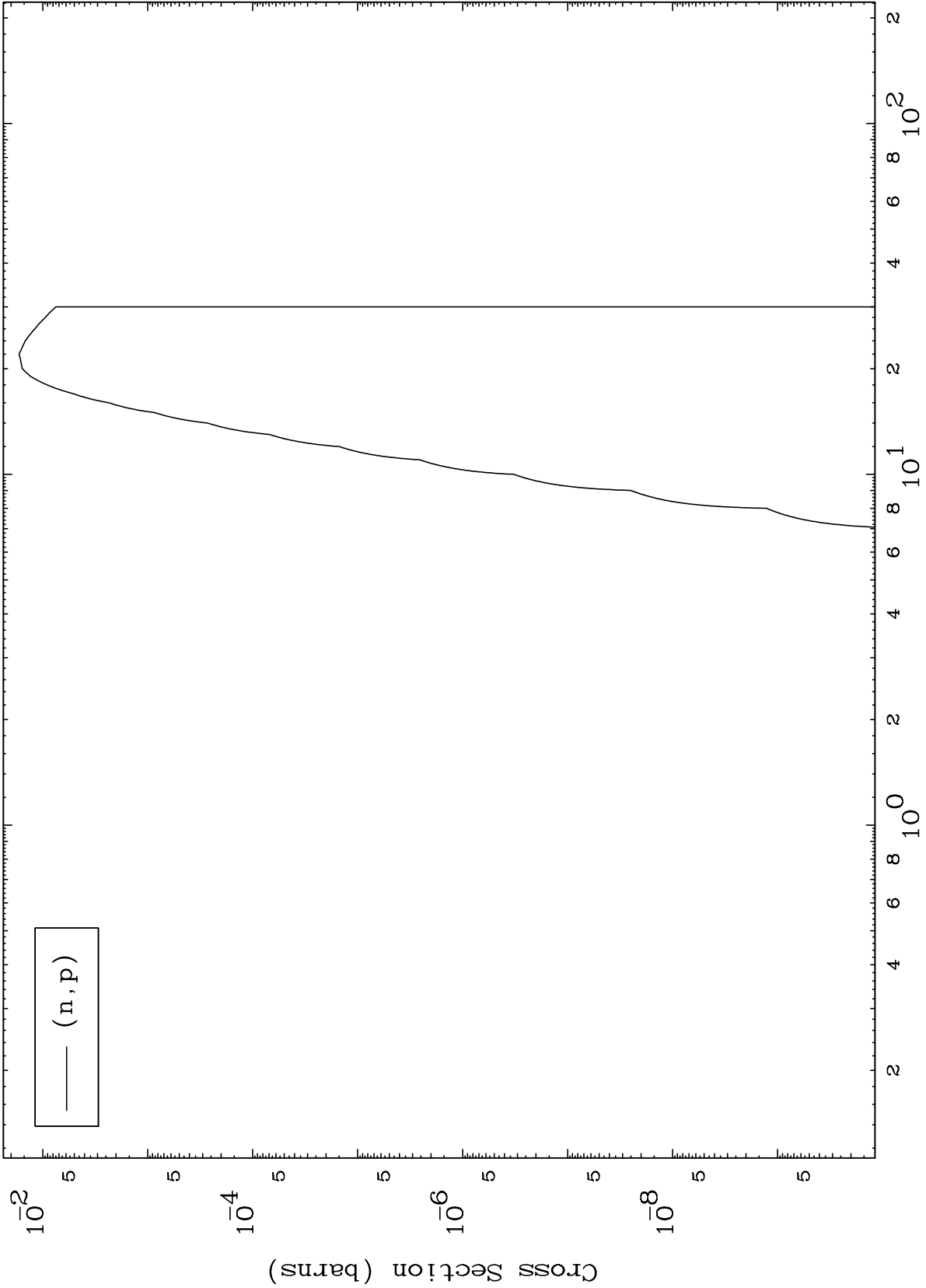
63-Eu-142m

Incident Energy (MeV)

MAT 6299

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

63-Eu-142m

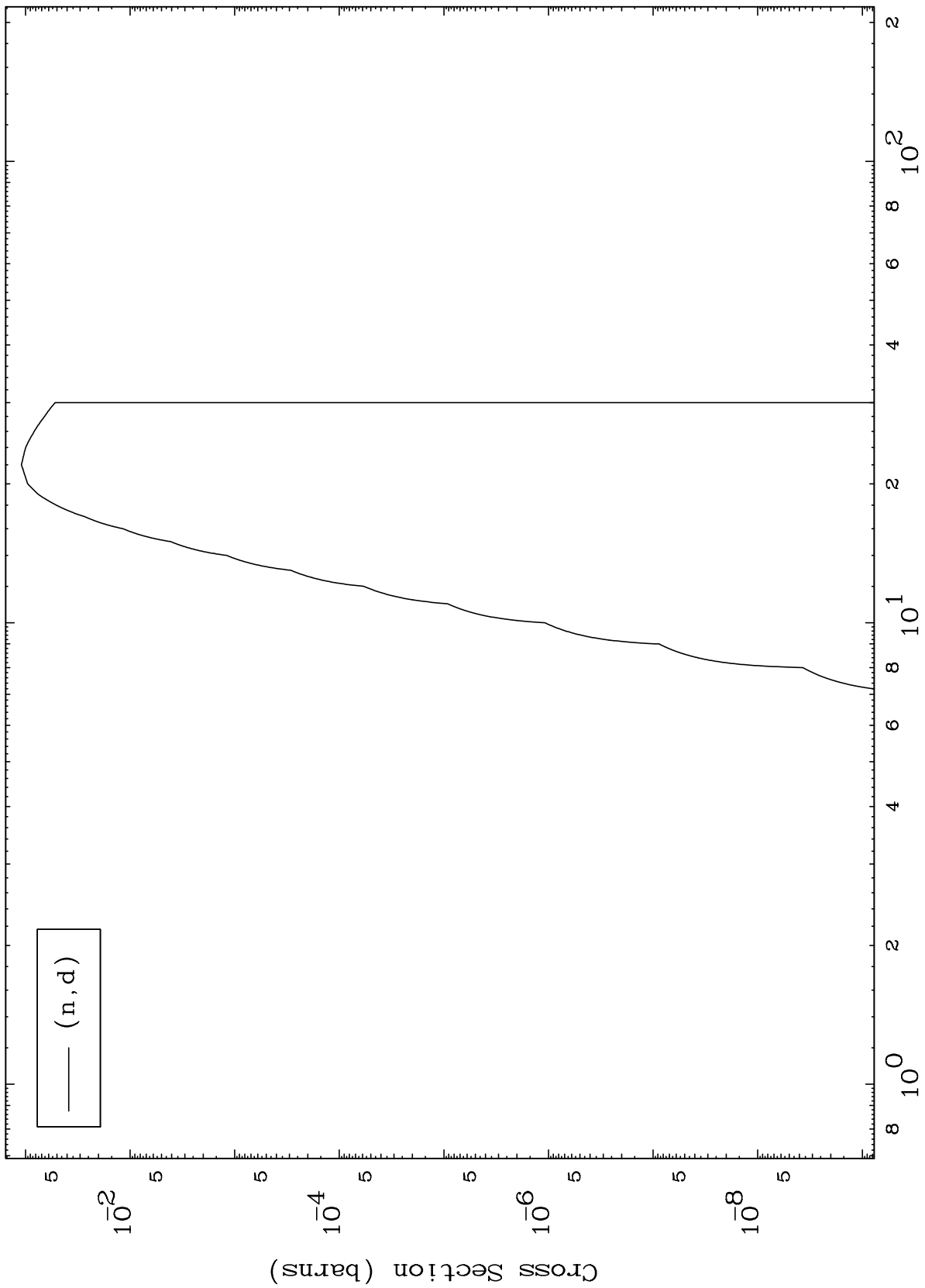


MAT 6299

(He-3,d) Levels

63-Eu-142m

0 Kelvin Cross Sections



(n,d)

8

Incident Energy (MeV)

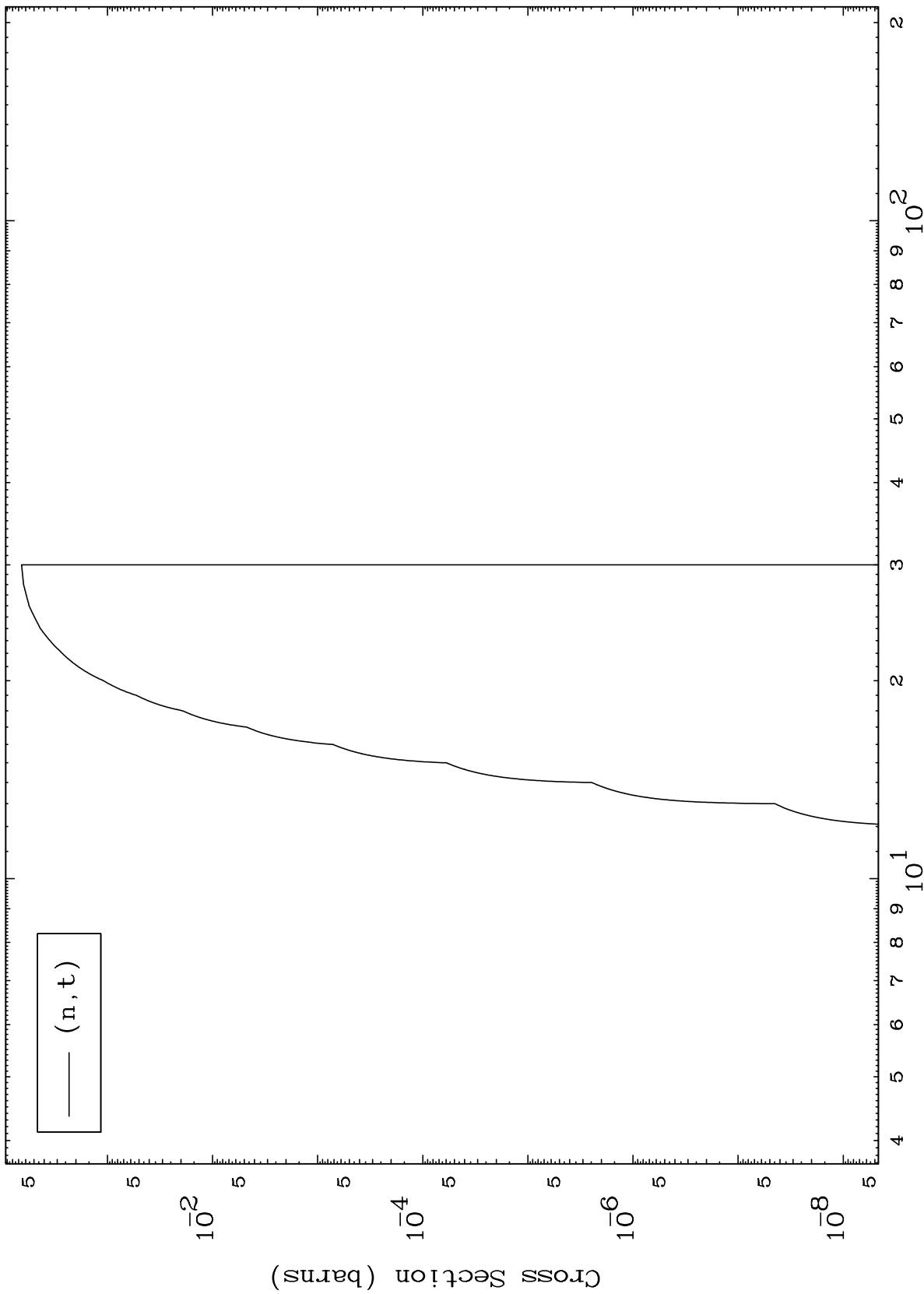
63-Eu-142m

MAT 6299

(He-3,t) Levels

63-Eu-142m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

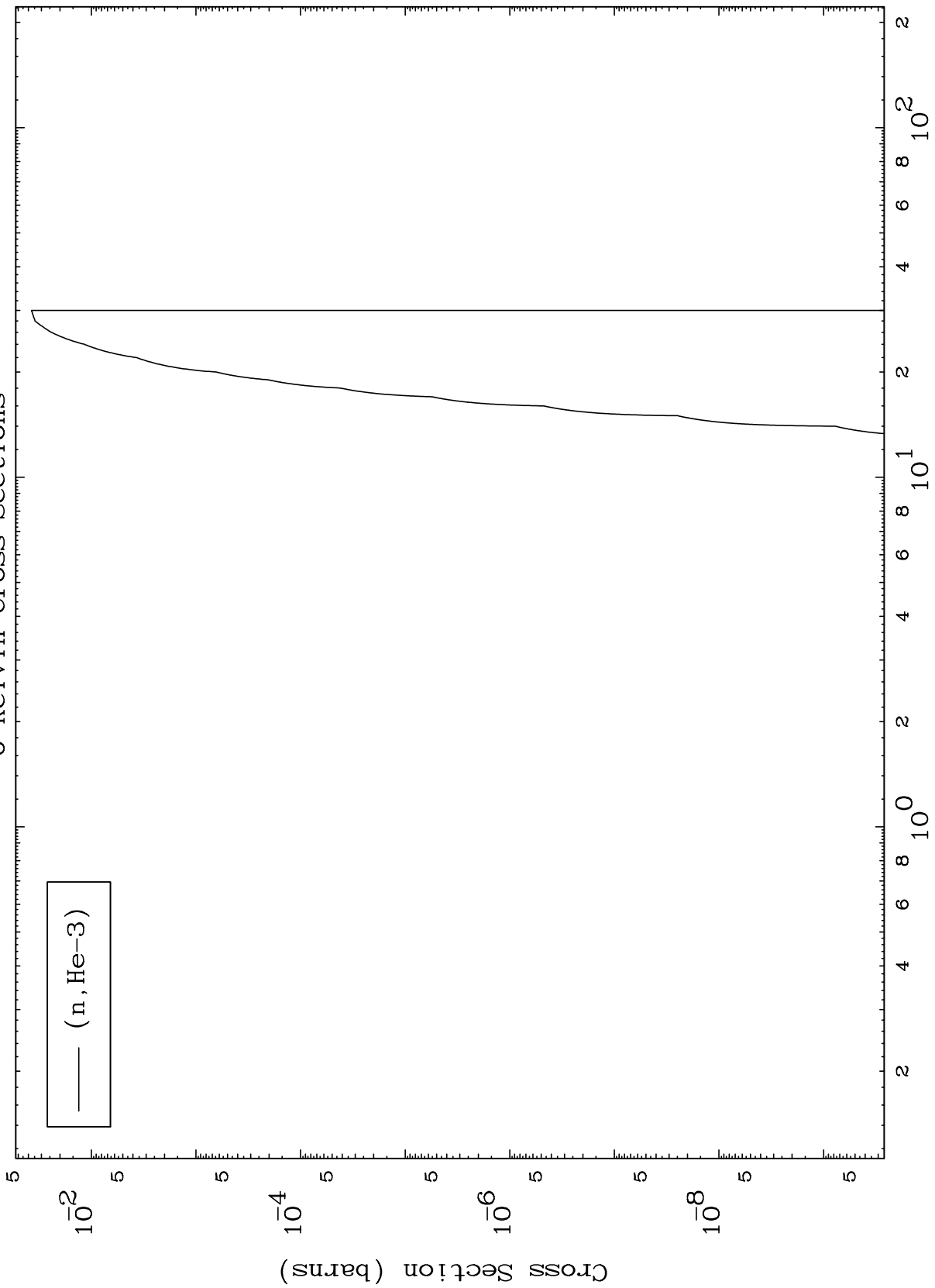
63-Eu-142m

MAT 6299

(He-3, He3) Levels

63-Eu-142m

0 Kelvin Cross Sections



10

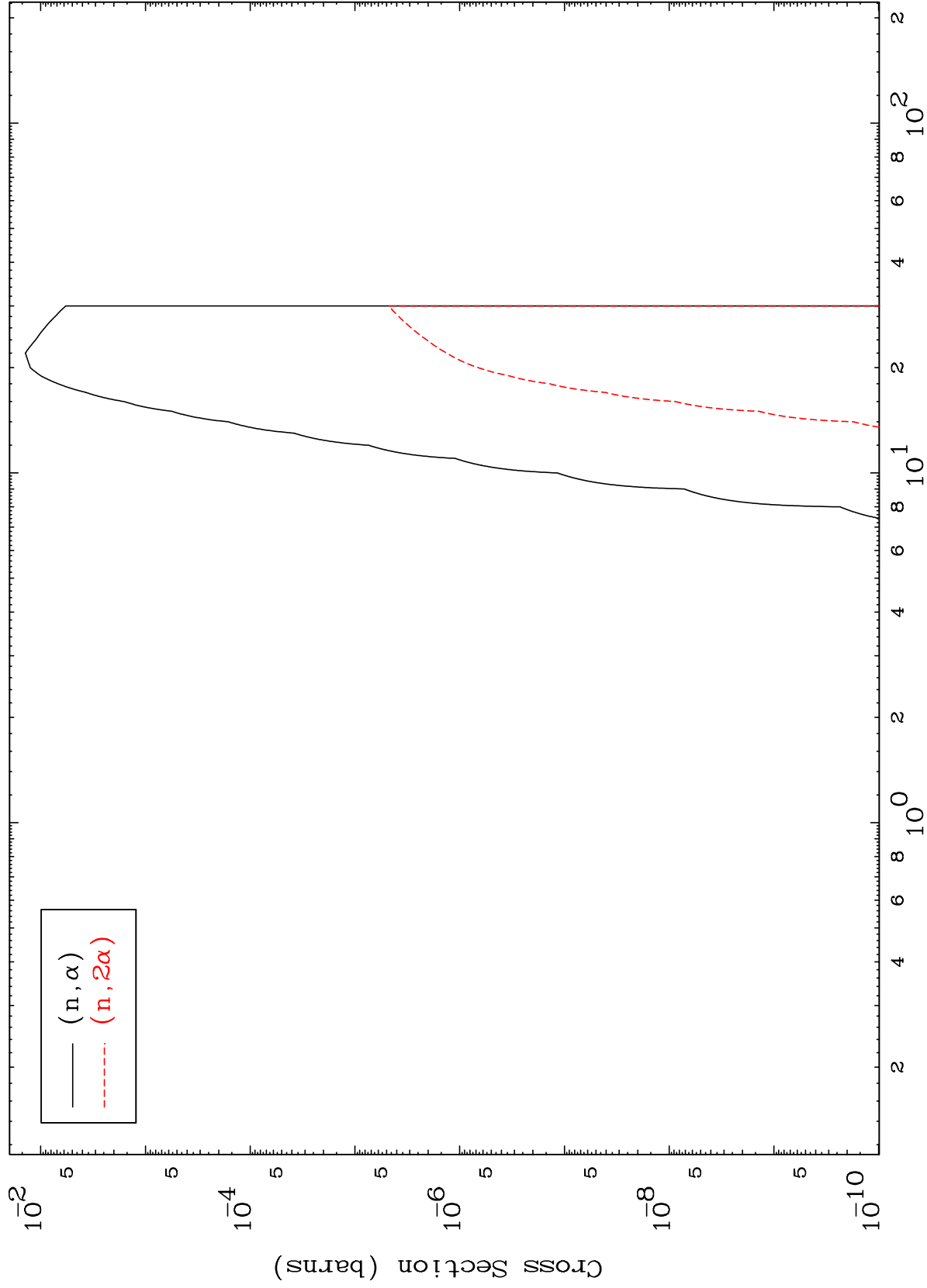
Incident Energy (MeV)

63-Eu-142m

MAT 6299

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

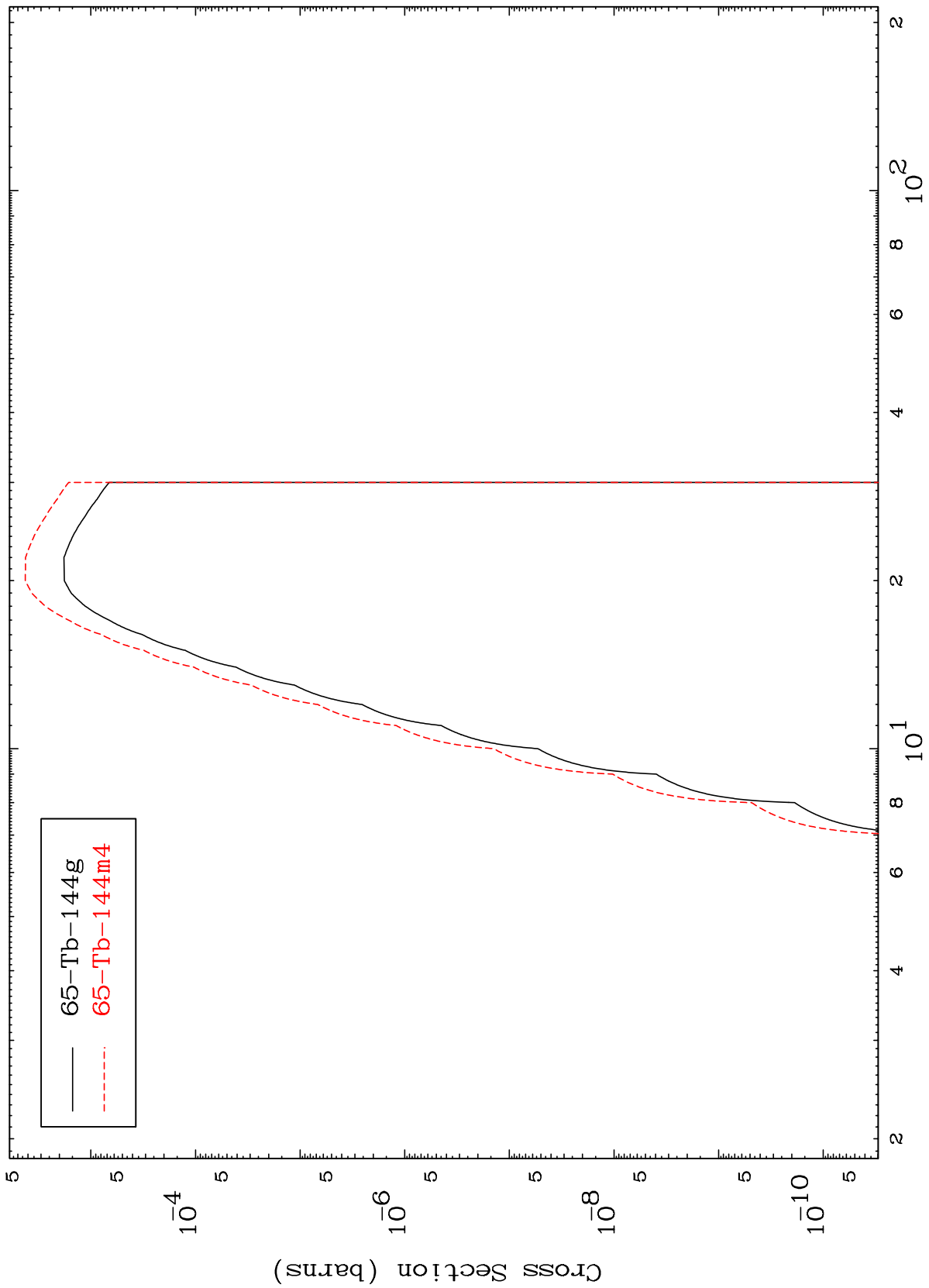
63-Eu-142m



MAT 6299

63-Eu-142m

Inelastic
Radionuclide Production Cross Section



63-Eu-142m

Incident Energy (MeV)

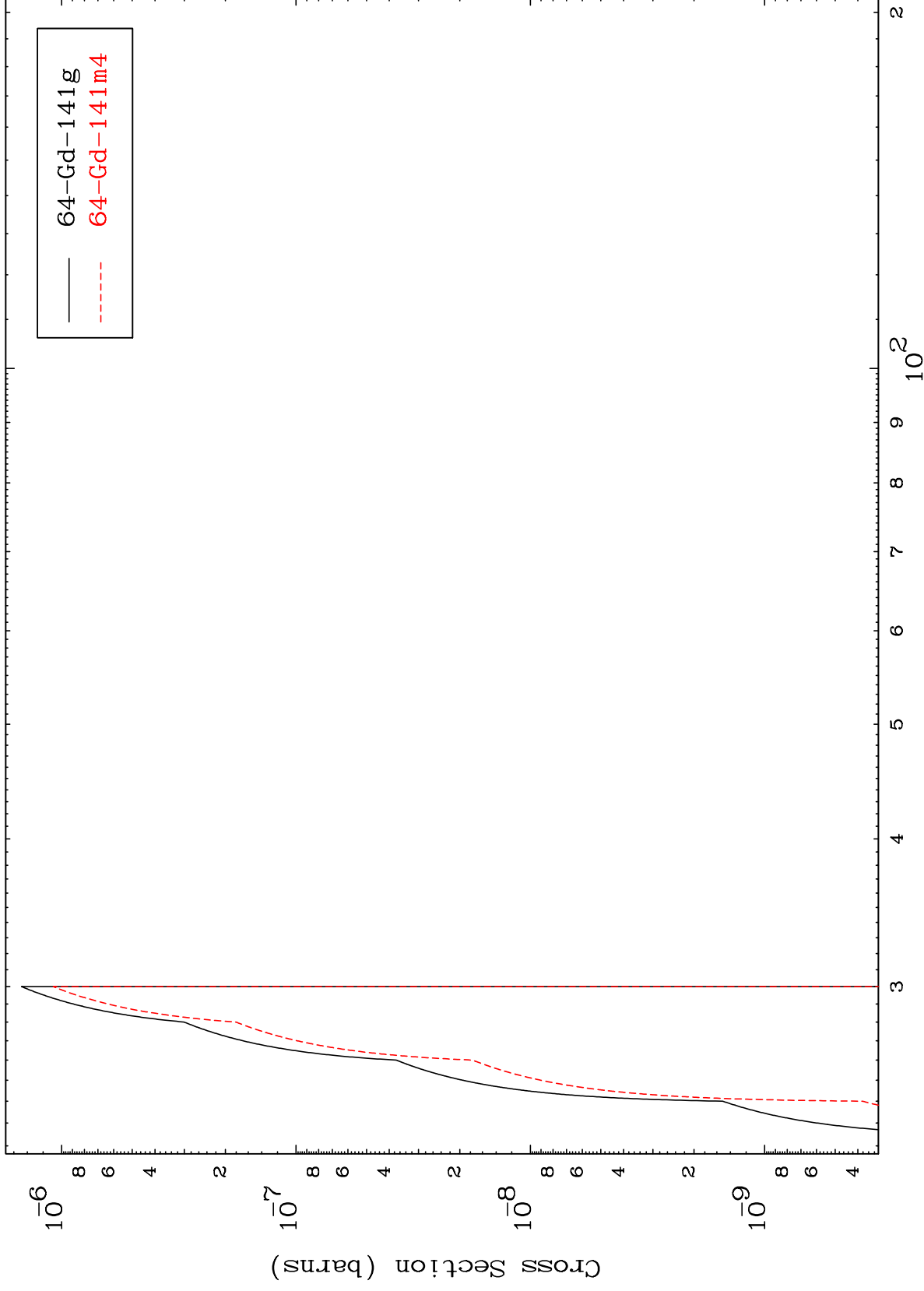
12

MAT 6299

(n,2n) d

63-Eu-142m

Radionuclide Production Cross Section



13

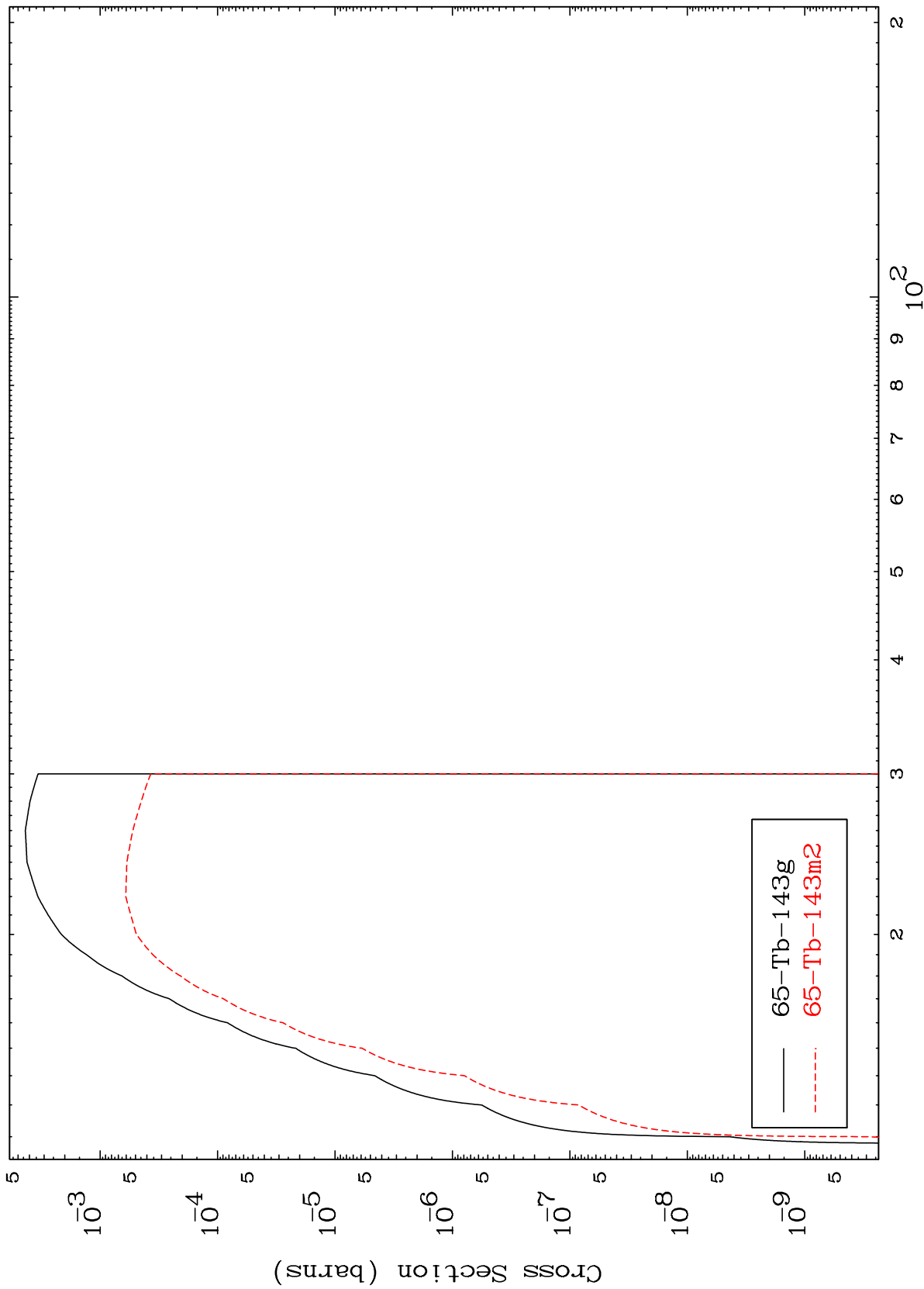
Incident Energy (MeV)

63-Eu-142m

MAT 6299

63-Eu-142m

Radionuclide Production Cross Section
(n,2n)



63-Eu-142m

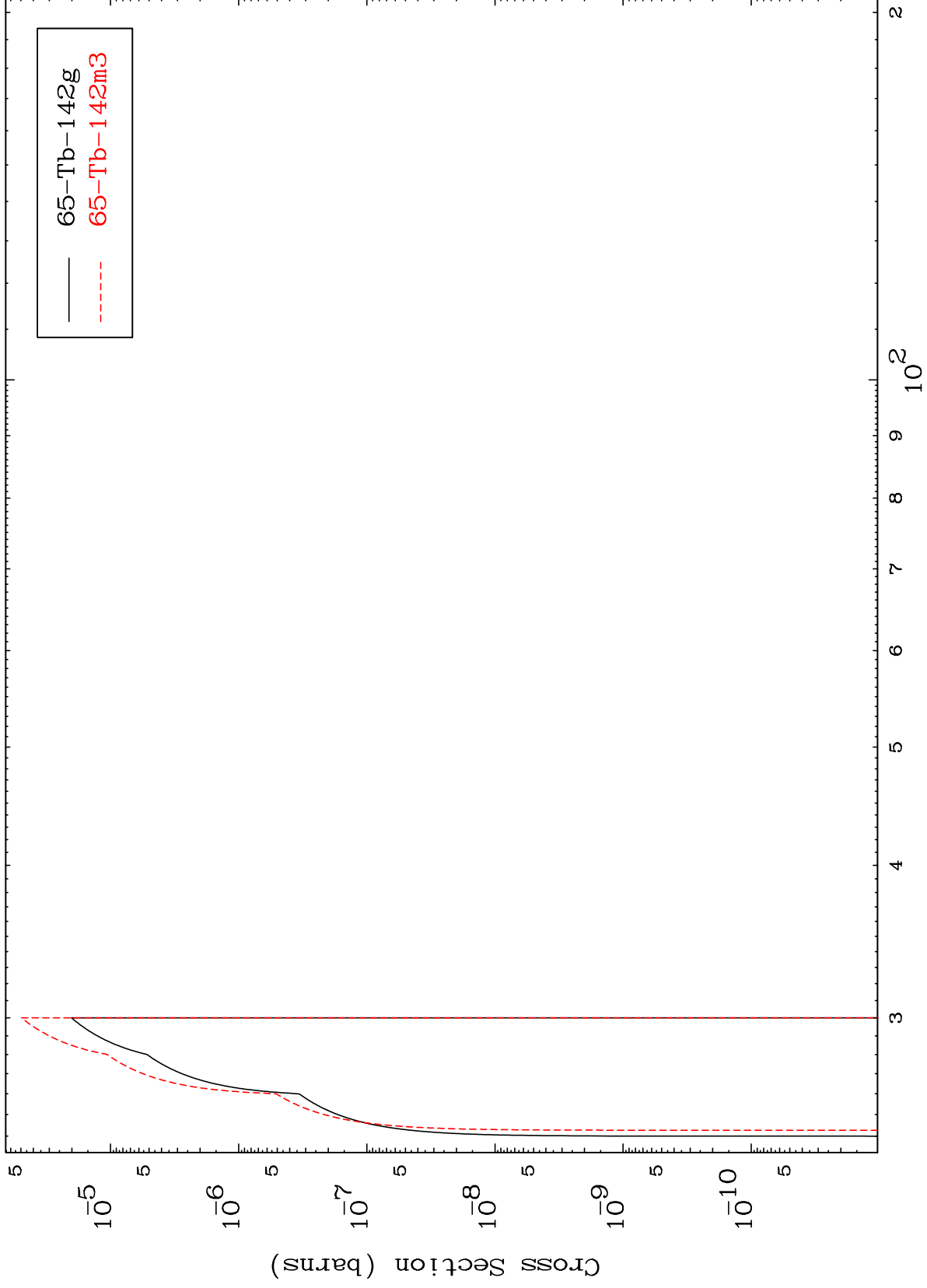
Incident Energy (MeV)

14

MAT 6299

63-Eu-142m

(n,3n)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

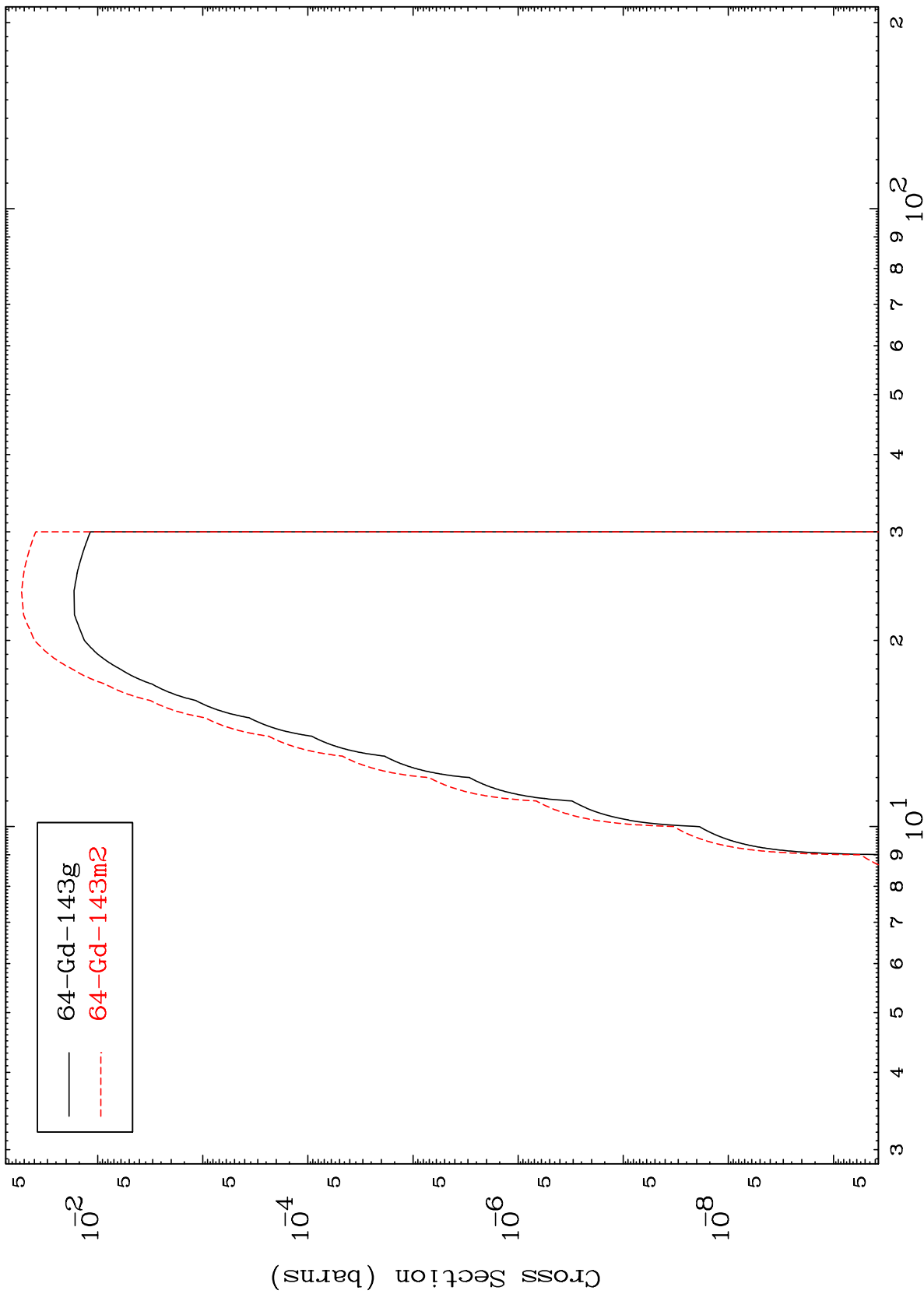
63-Eu-142m

MAT 6299

63-Eu-142m

(n,n') p

Radionuclide Production Cross Section



16

Incident Energy (MeV)

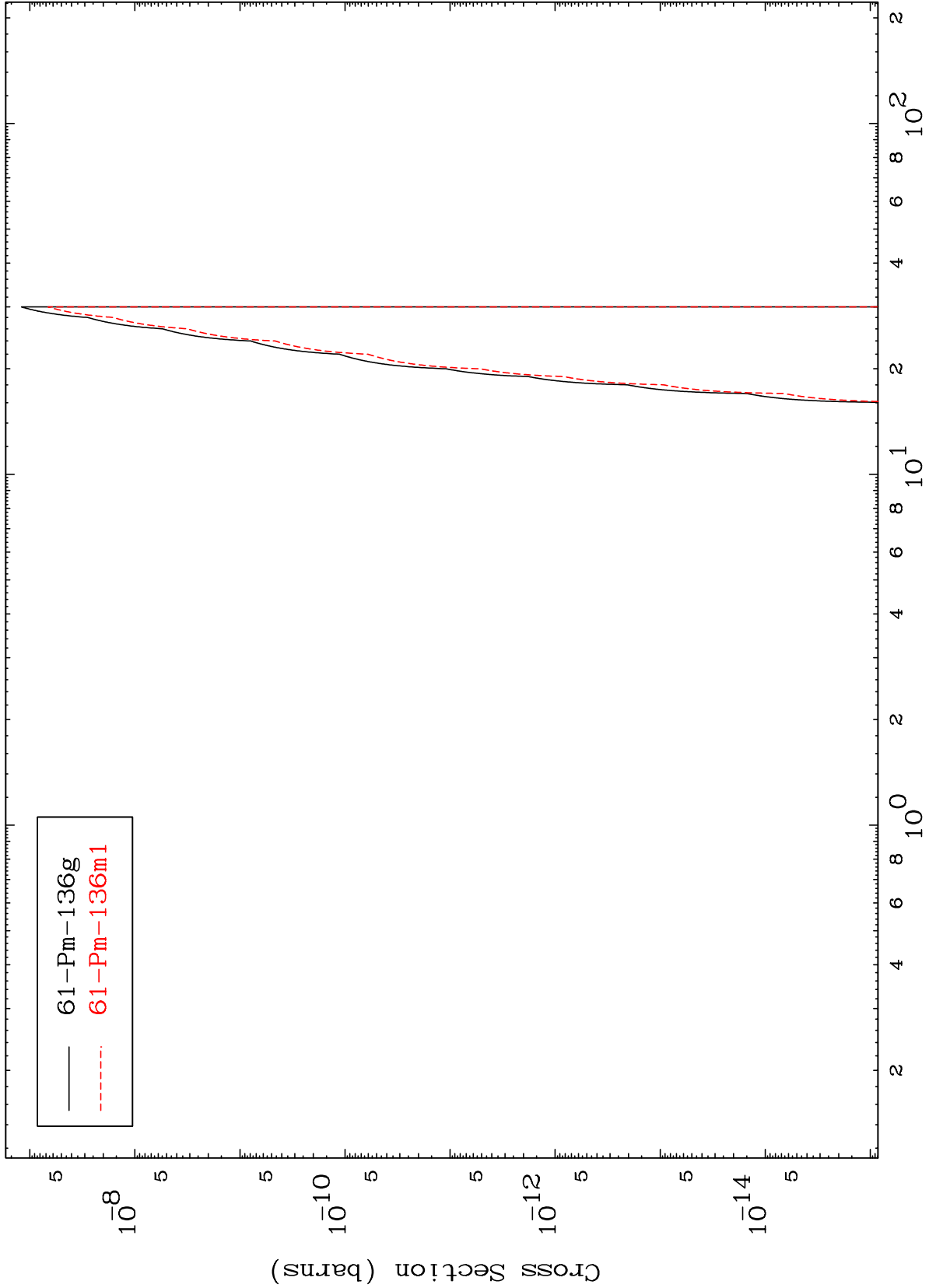
63-Eu-142m

MAT 6299

(n,n') 2 α

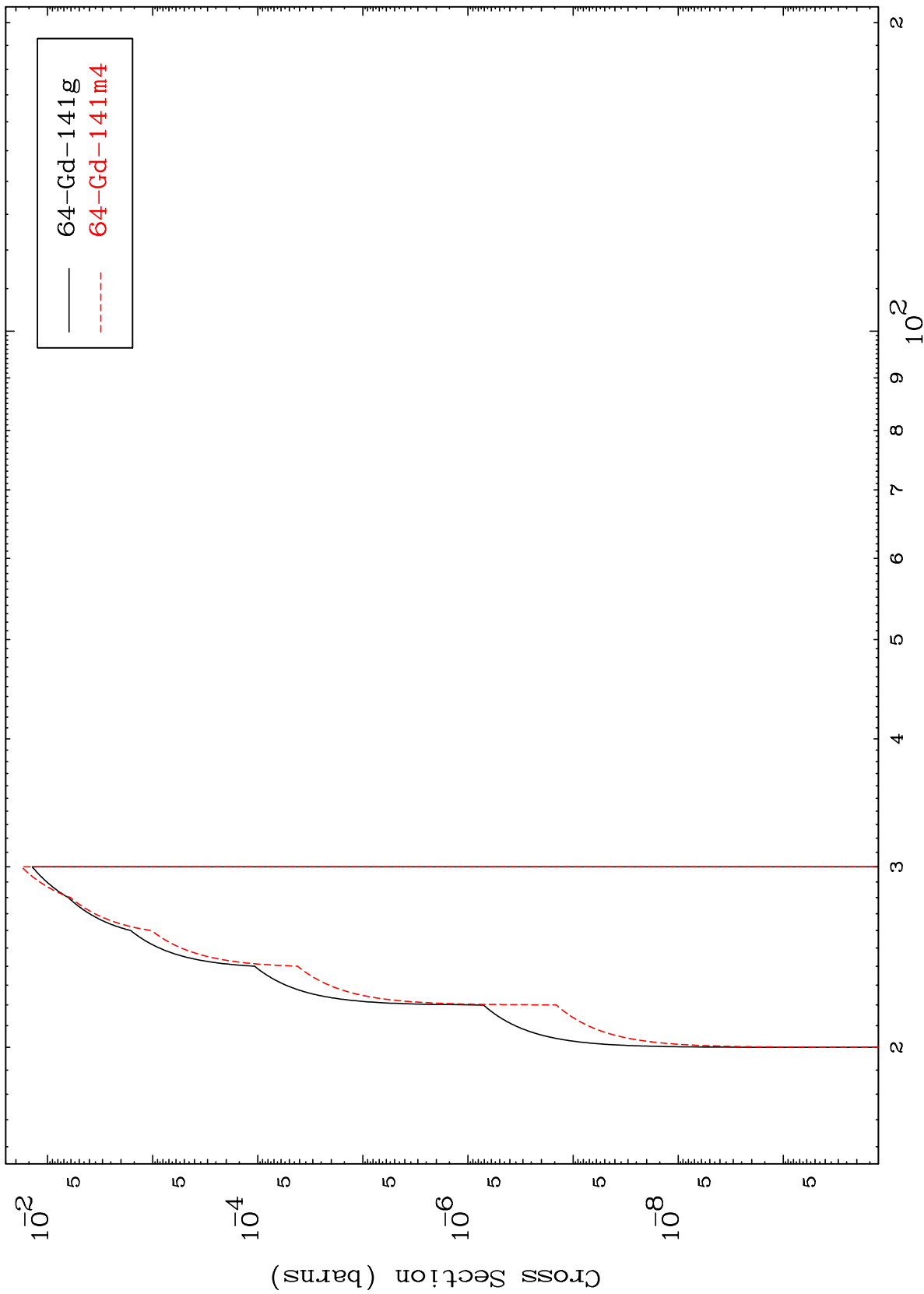
63-Eu-142m

Radionuclide Production Cross Section



61-Pm-136g
61-Pm-136m1

Radionuclide Production Cross Section

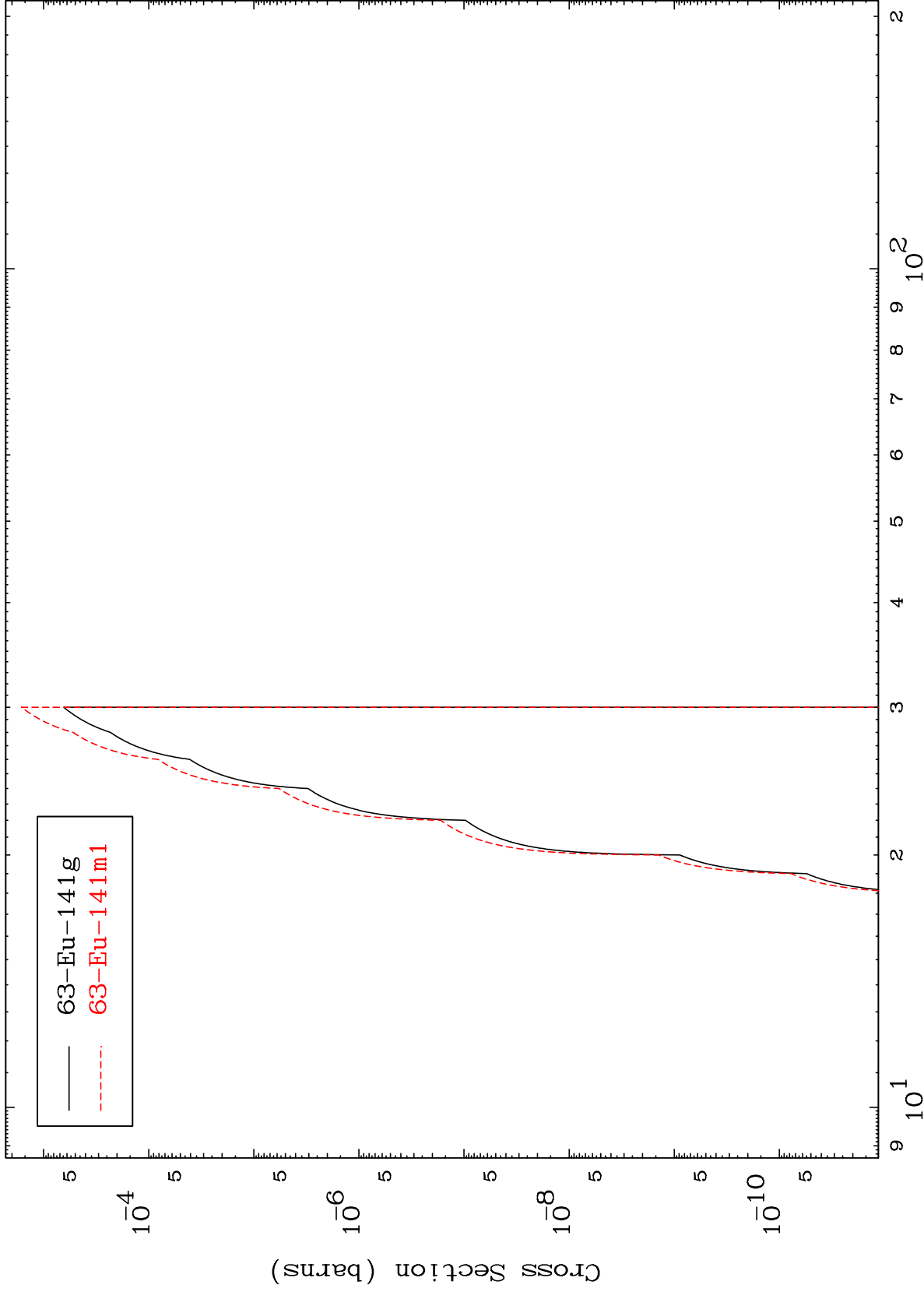


MAT 6299

(n,n') He-3

63-Eu-142m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

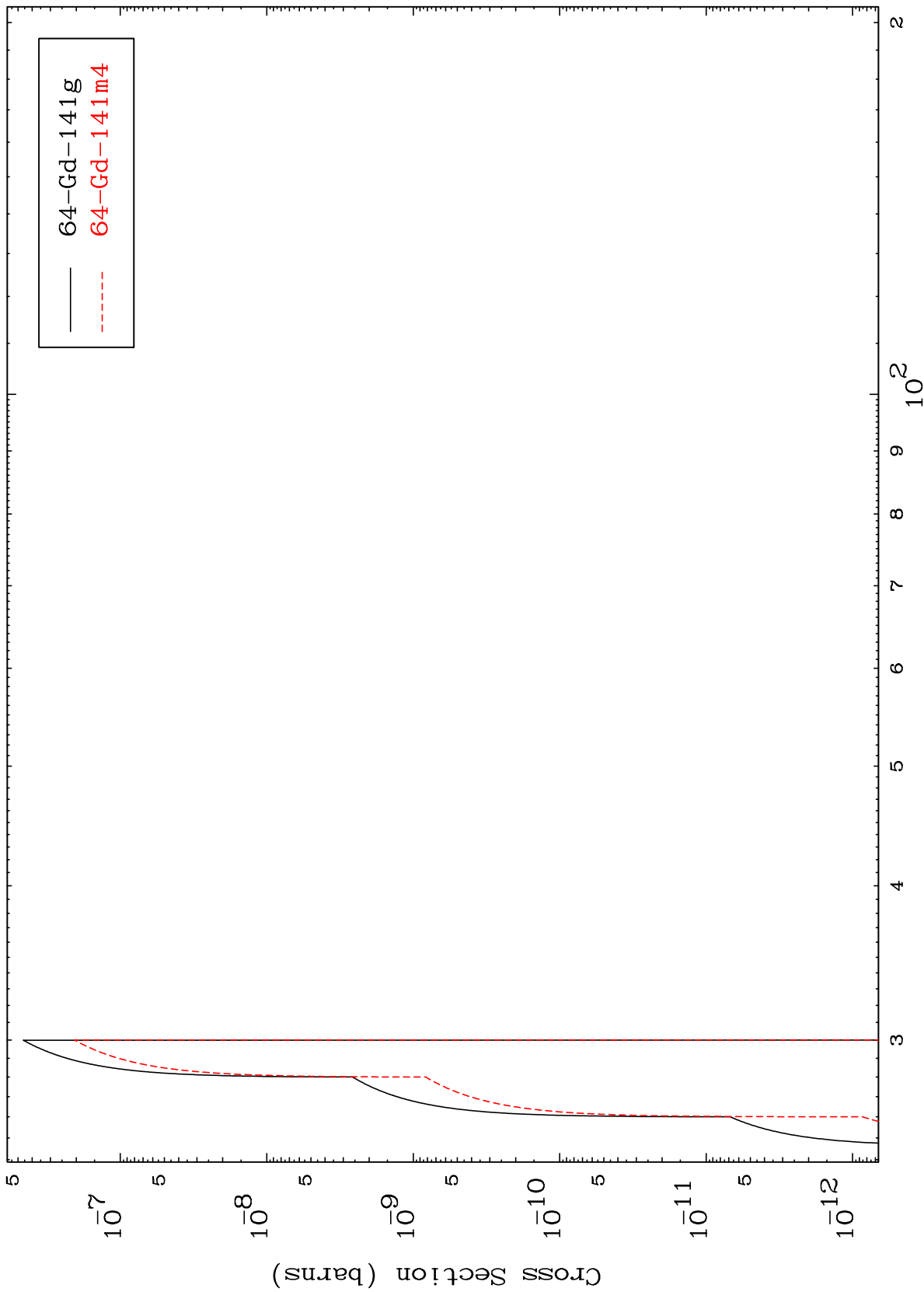
63-Eu-142m

MAT 6299

(n,3n) p

63-Eu-142m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

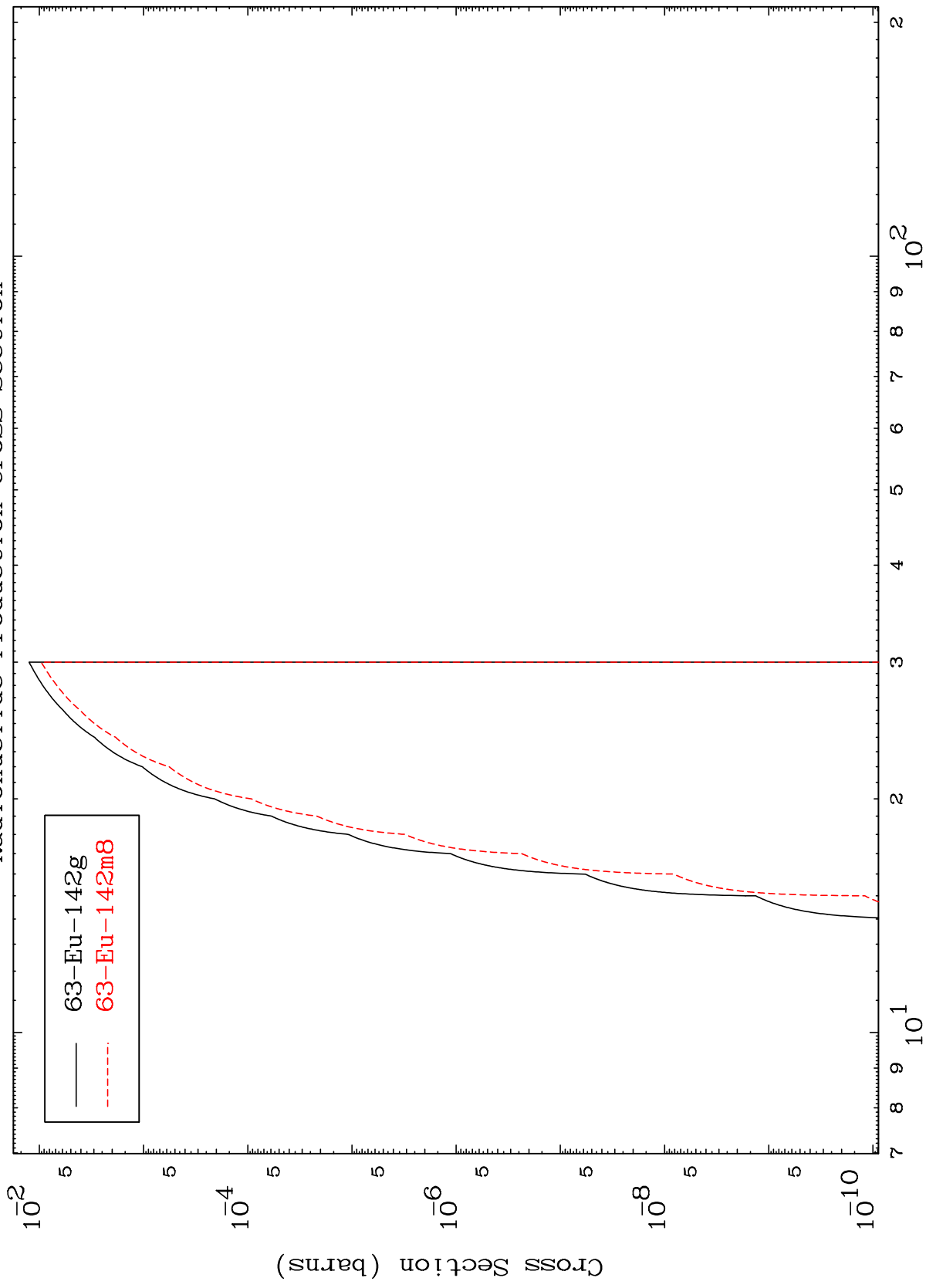
63-Eu-142m

MAT 6299

(n,2n) p

63-Eu-142m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

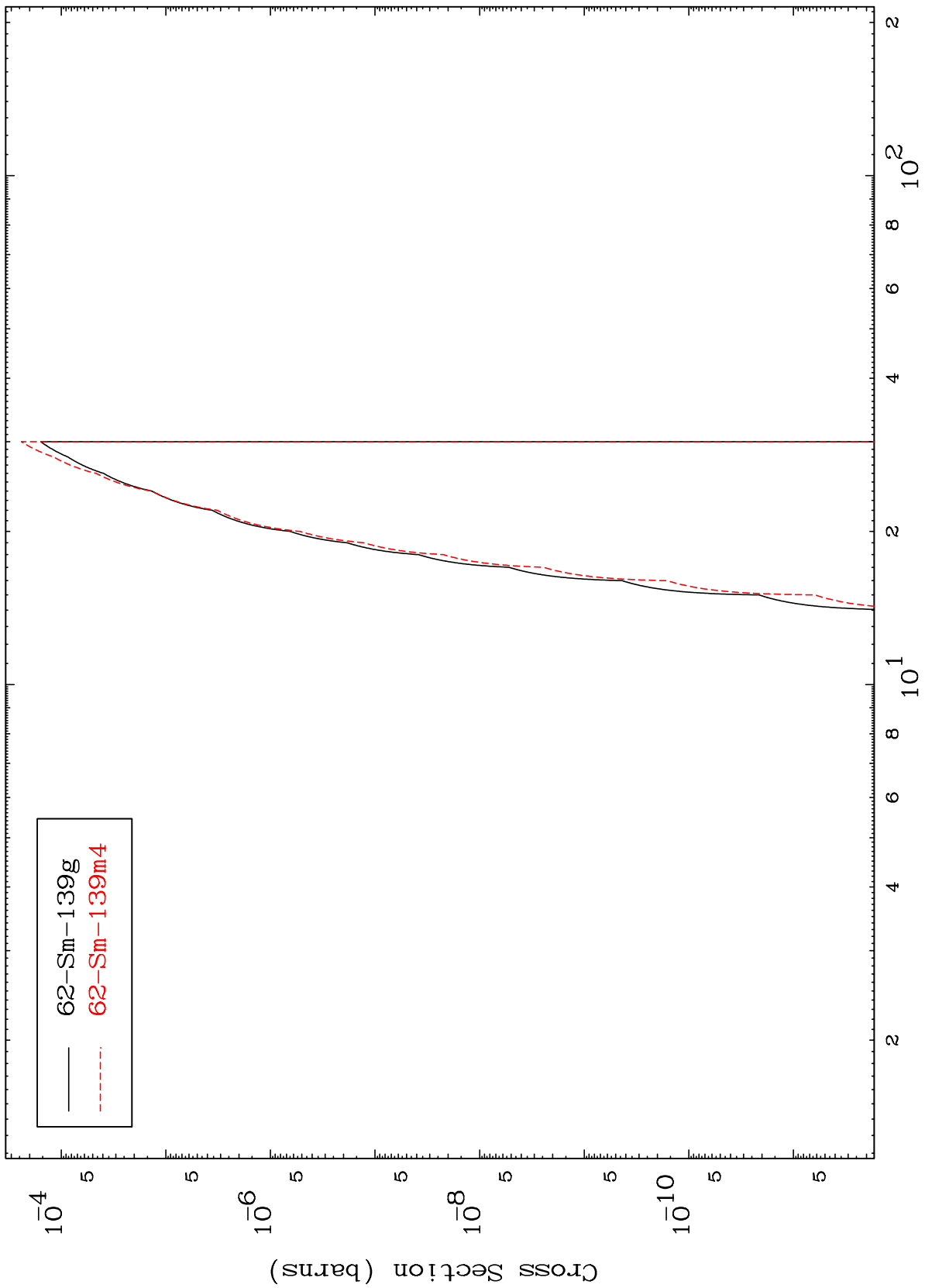
63-Eu-142m

MAT 6299

(n,n') p α

63-Eu-142m

Radionuclide Production Cross Section

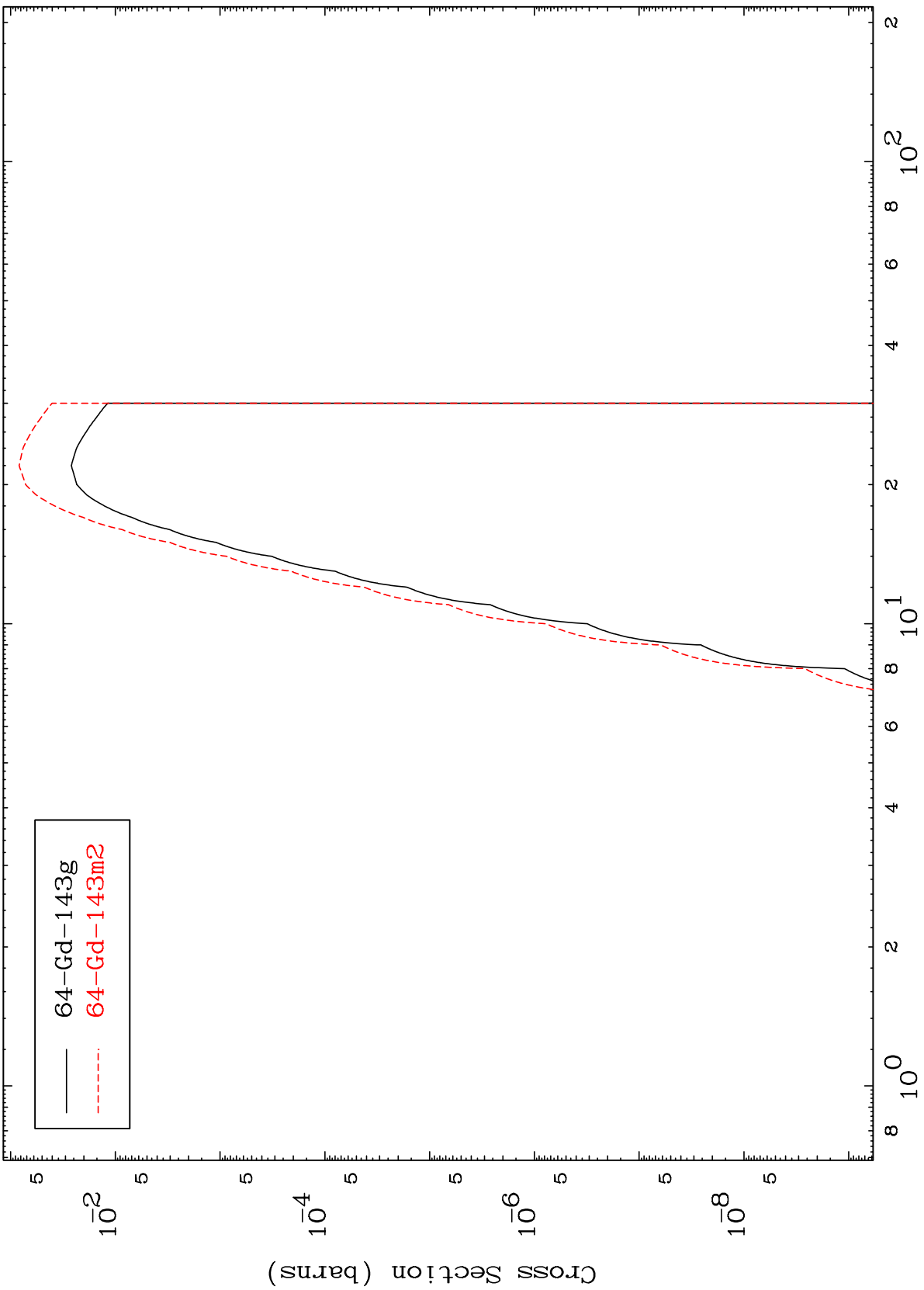


MAT 6299

(n, d)

63-Eu-142m

Radionuclide Production Cross Section



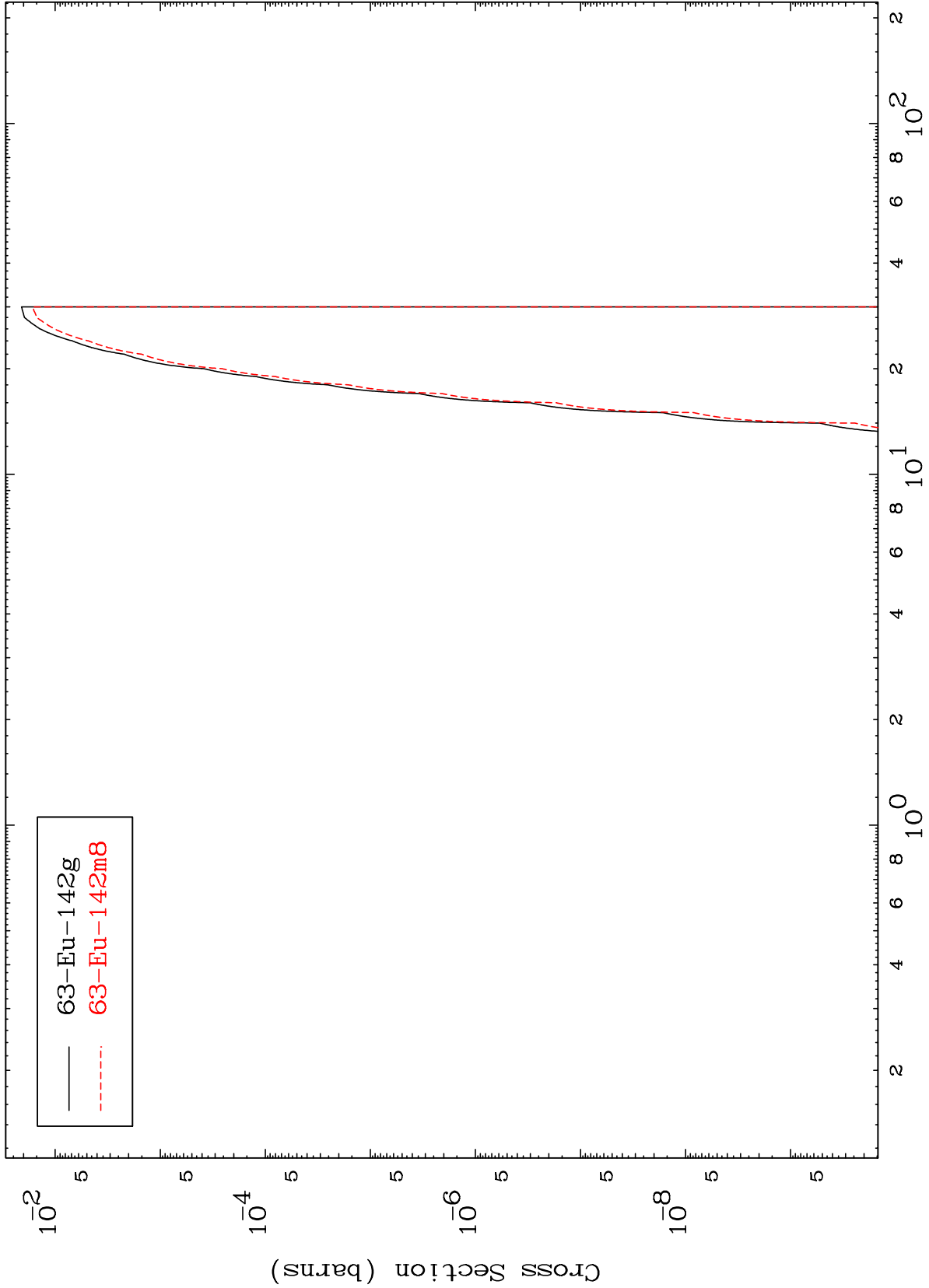
64-Gd-143g
64-Gd-143m2

MAT 6299

(n,He-3)

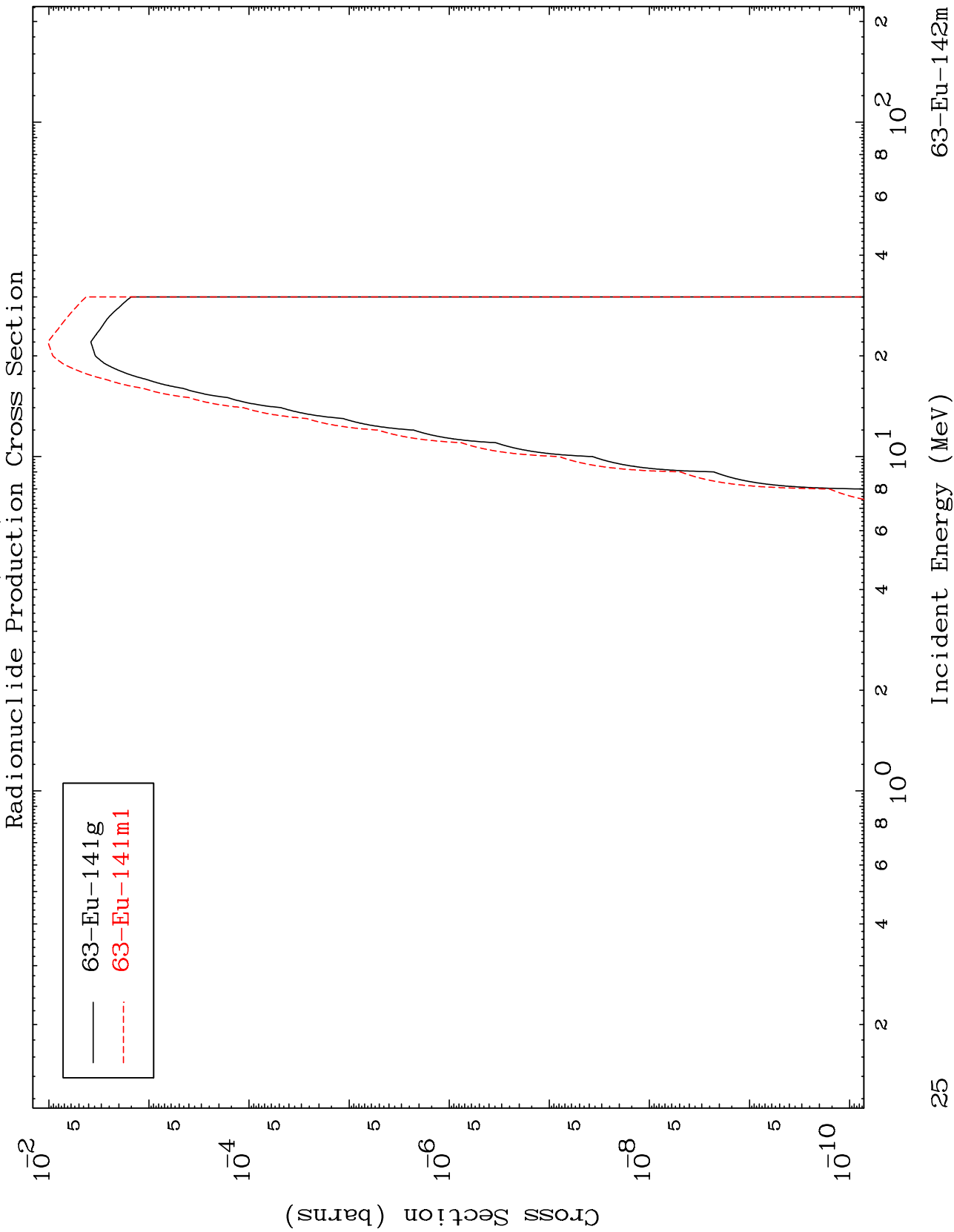
63-Eu-142m

Radionuclide Production Cross Section



MAT 6299

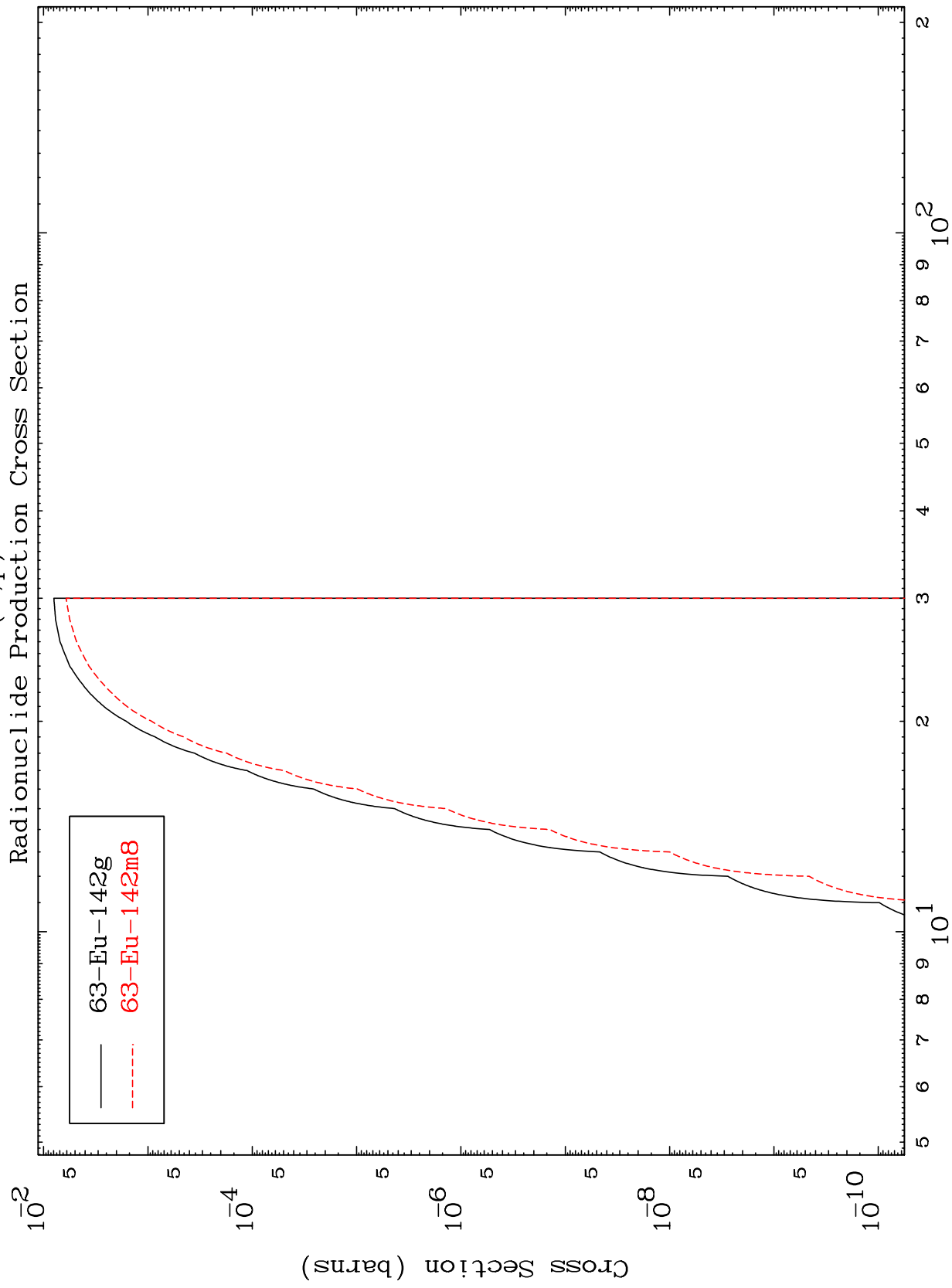
63-Eu-142m



MAT 6299

(n,p) d

63-Eu-142m



26

Incident Energy (MeV)

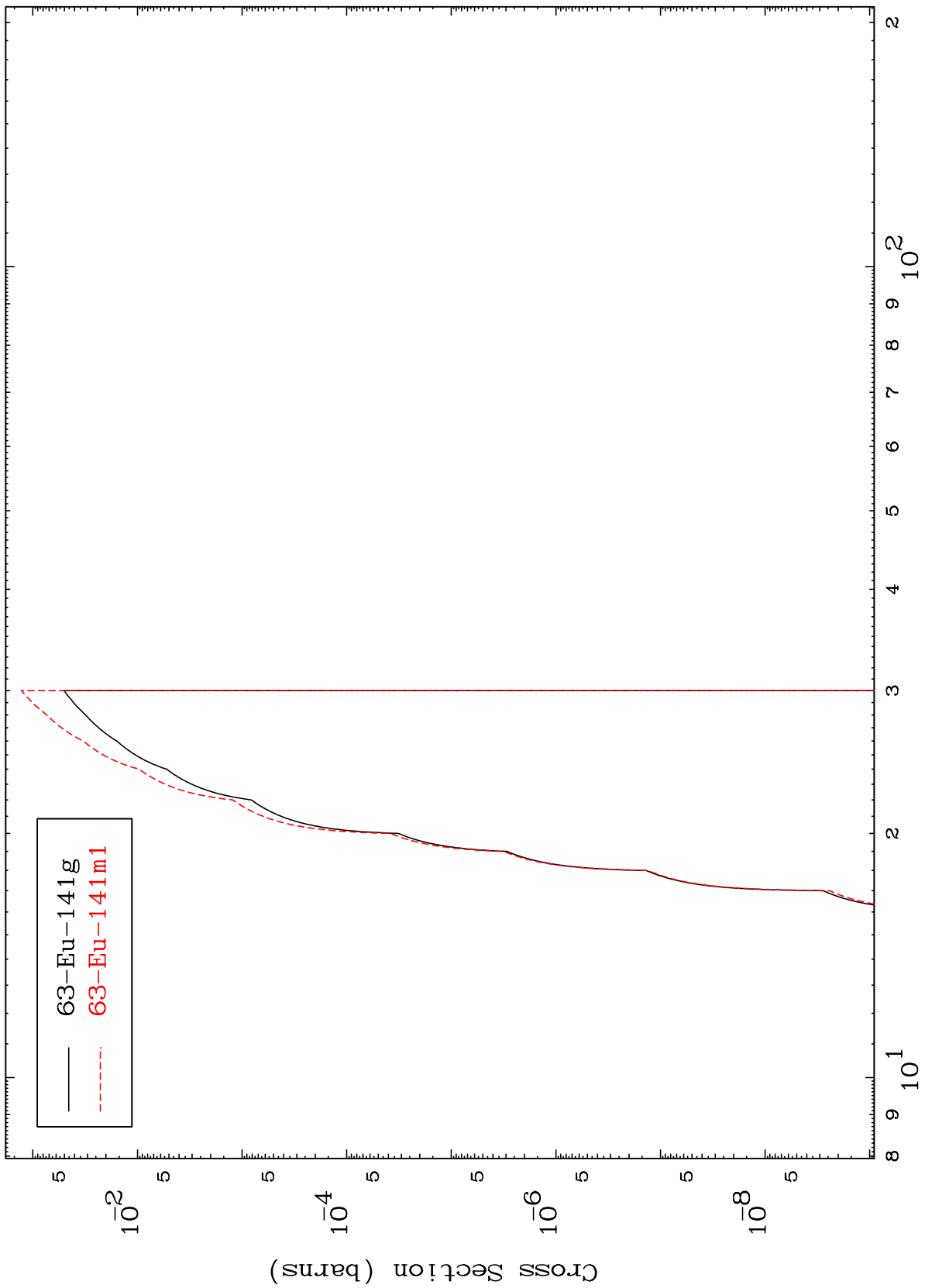
63-Eu-142m

MAT 6299

(n,p) t

63-Eu-142m

Radionuclide Production Cross Section



MAT 6299

(n,d) α

63-Eu-142m

