

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

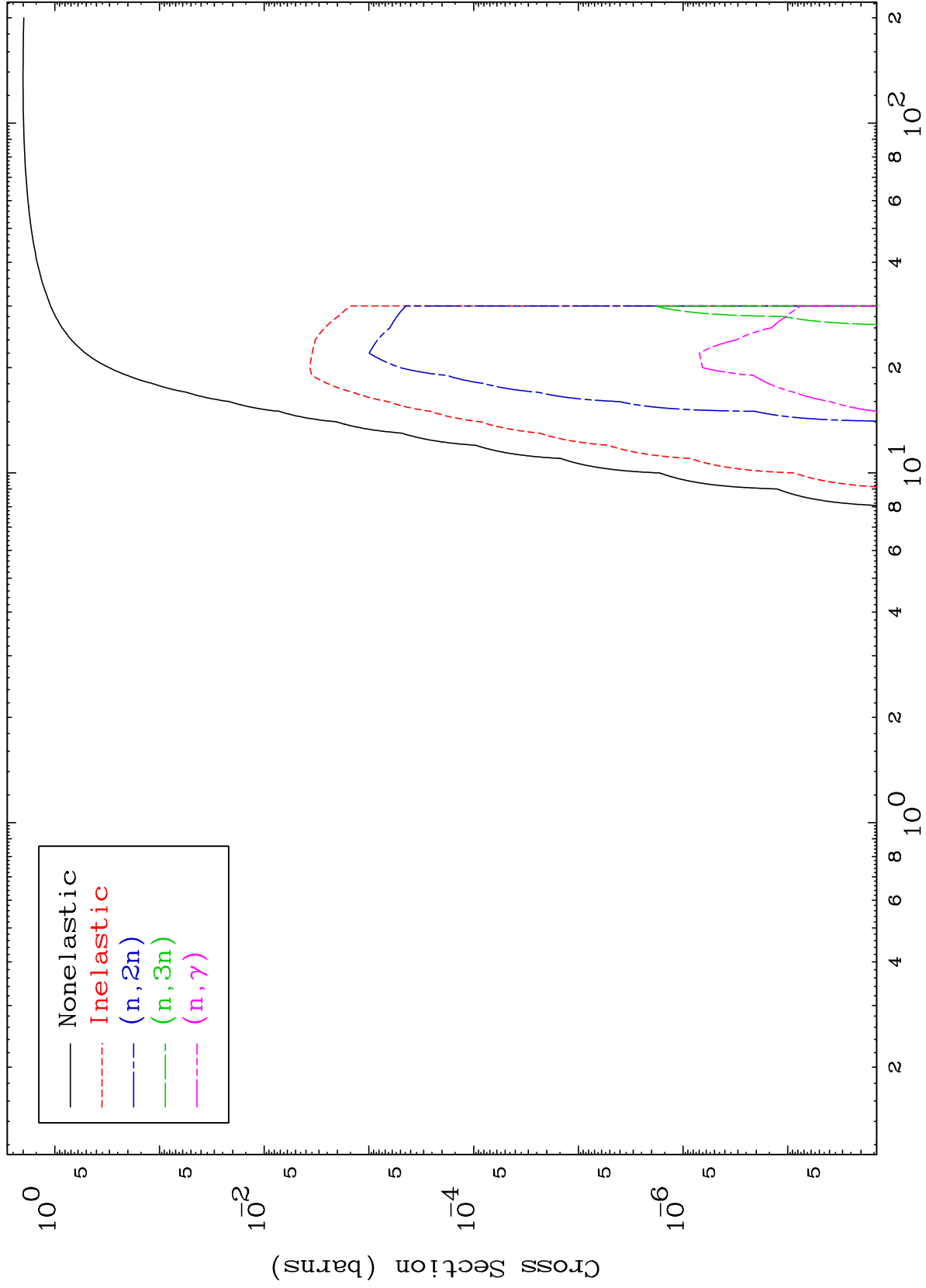
Press Mouse Button to Start

MAT 6292

He-3 Major

63-Eu-140

0 Kelvin Cross Sections



1

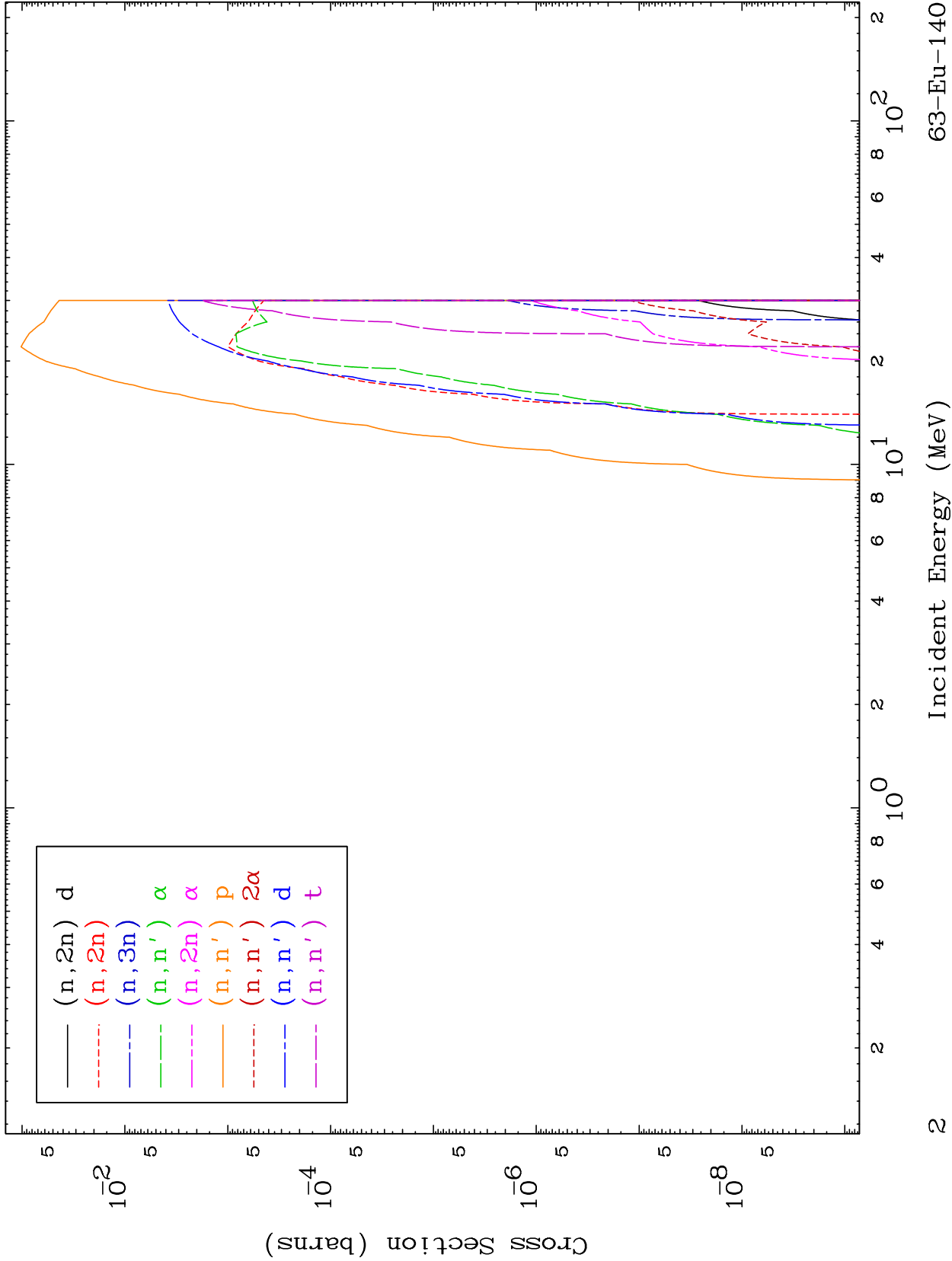
Incident Energy (MeV)

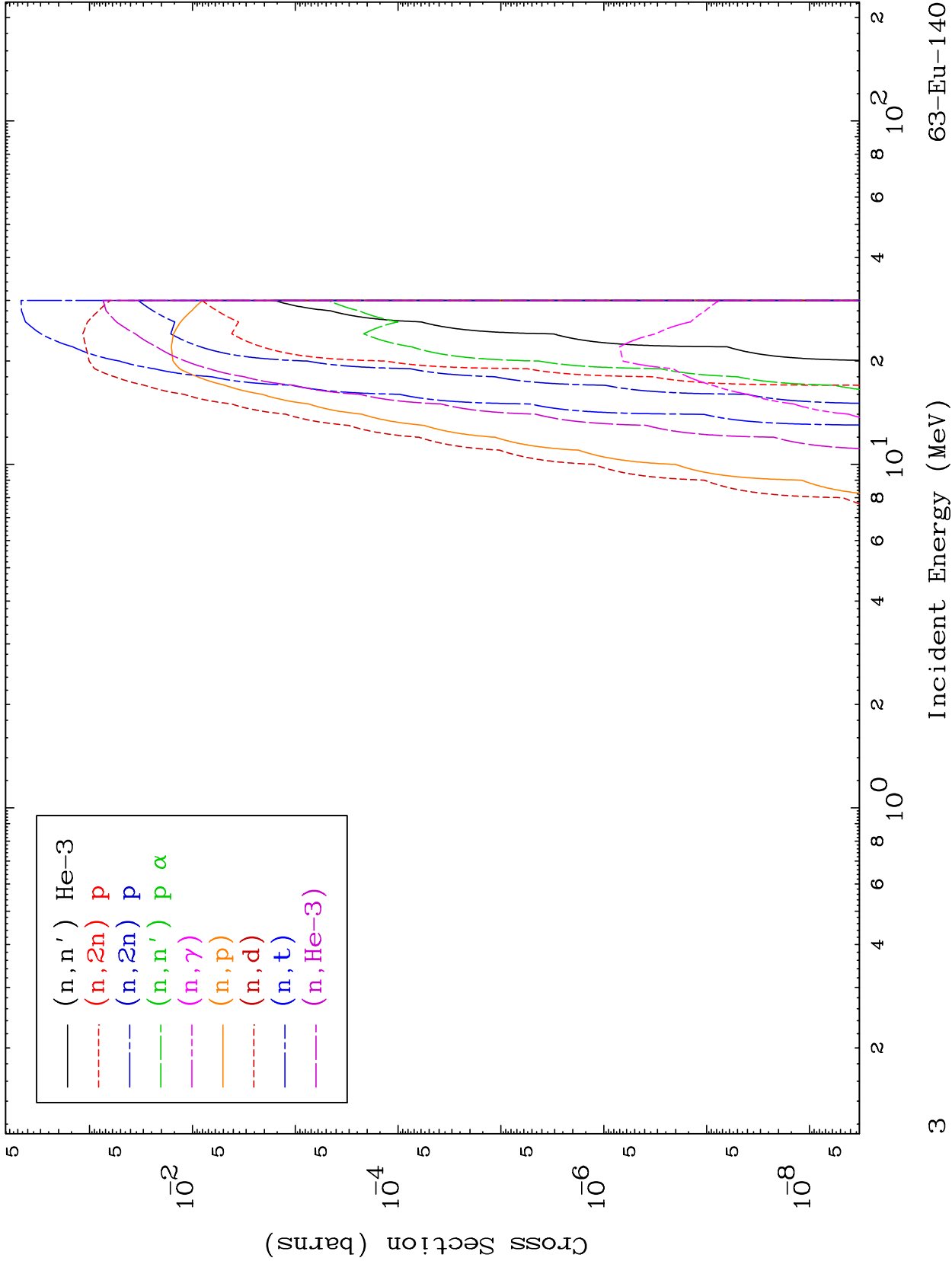
63-Eu-140

MAT 6292

He-3 Neutron Absorption
0 Kelvin Cross Sections

63-Eu-140

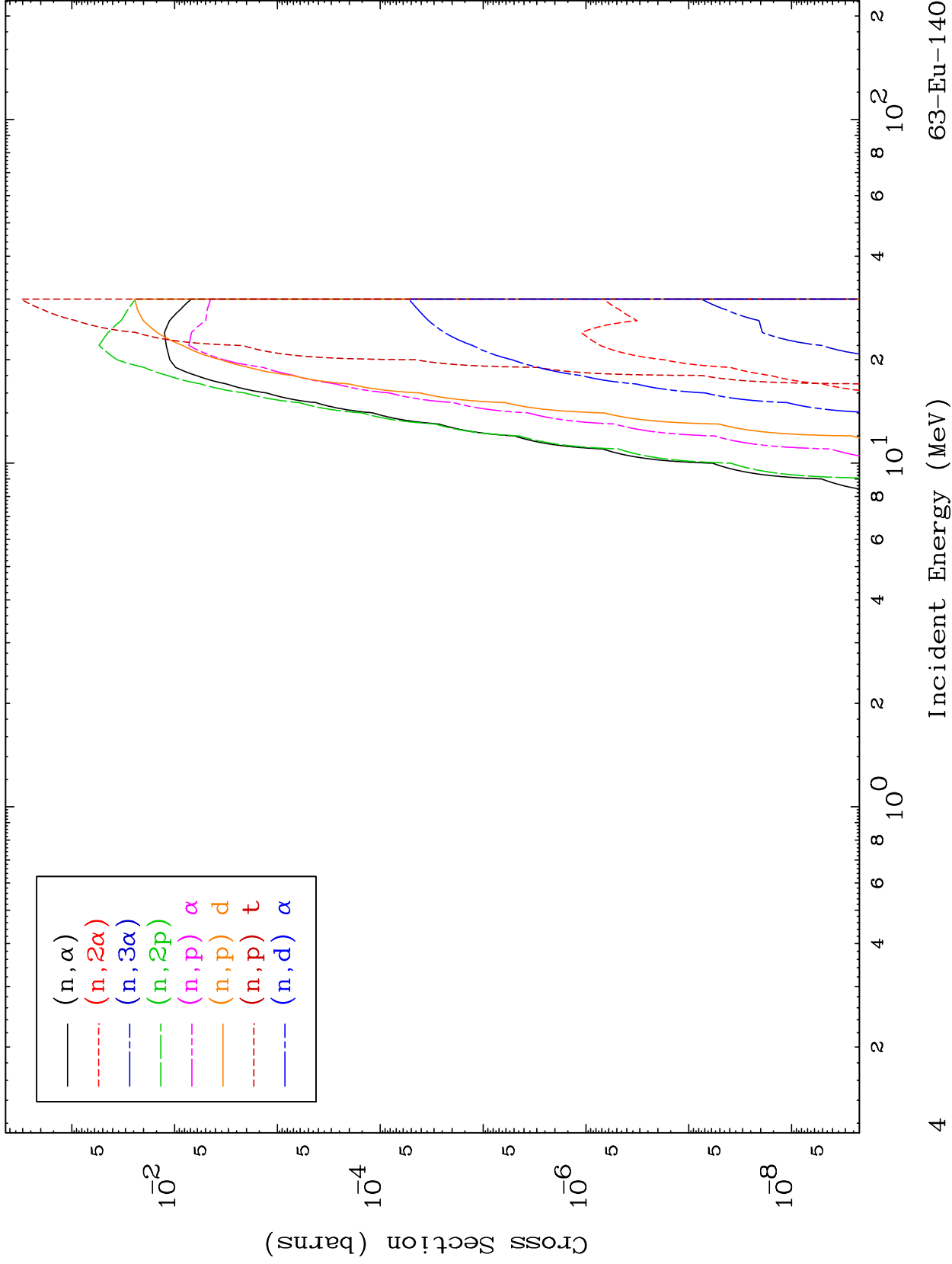


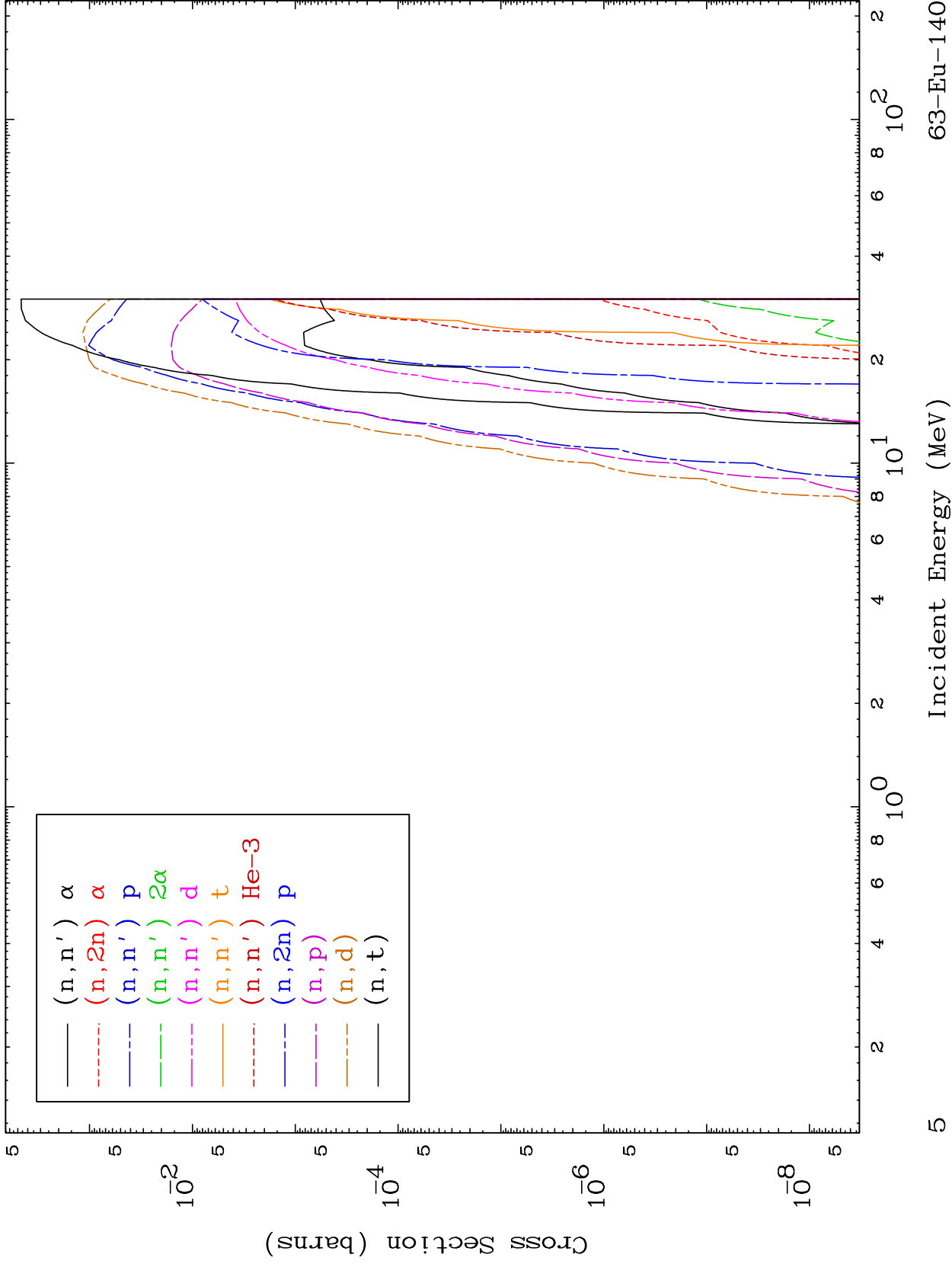


MAT 6292

He-3 Neutron Absorption
0 Kelvin Cross Sections

63-Eu-140

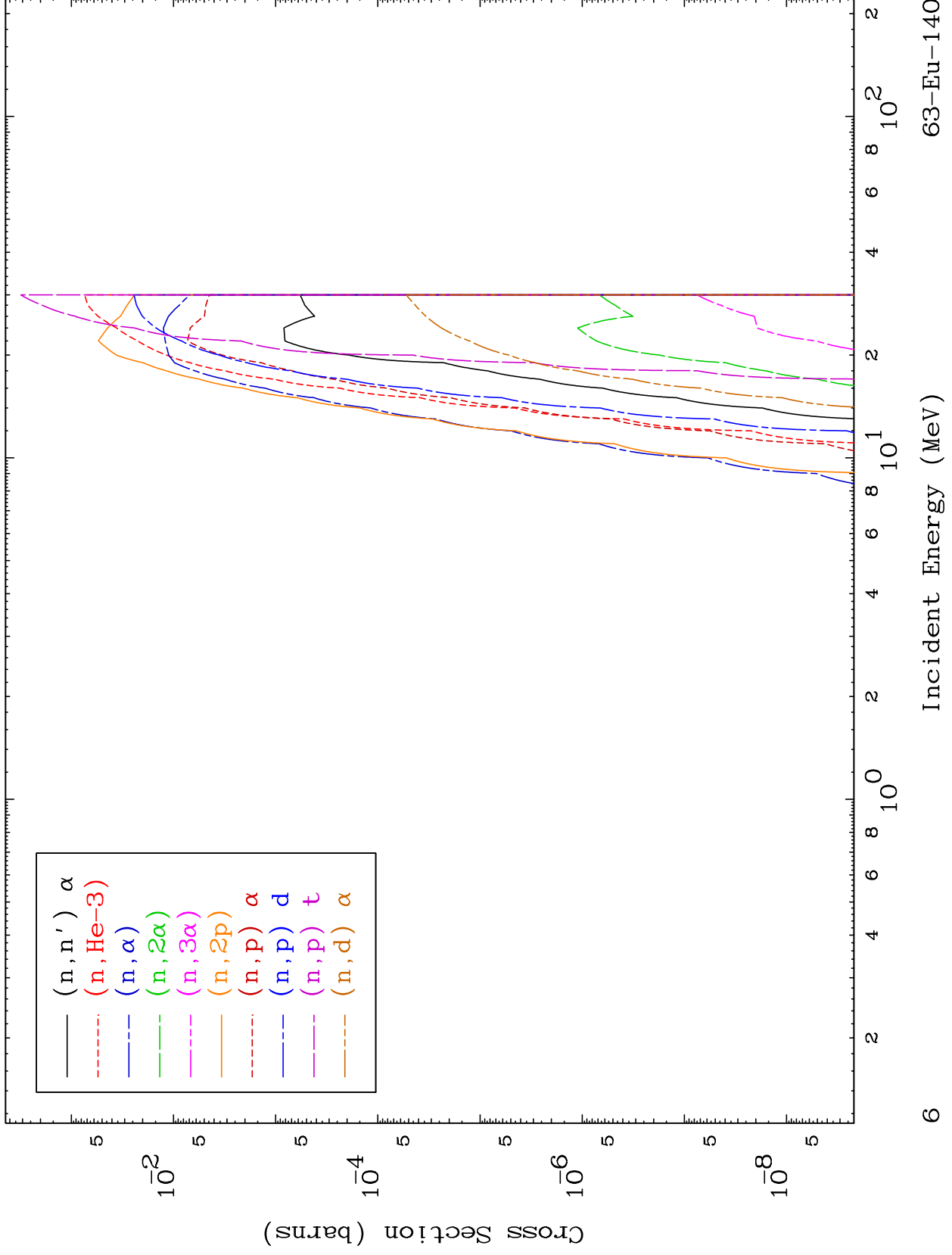




MAT 6292

He-3 Charged Particle
0 Kelvin Cross Sections

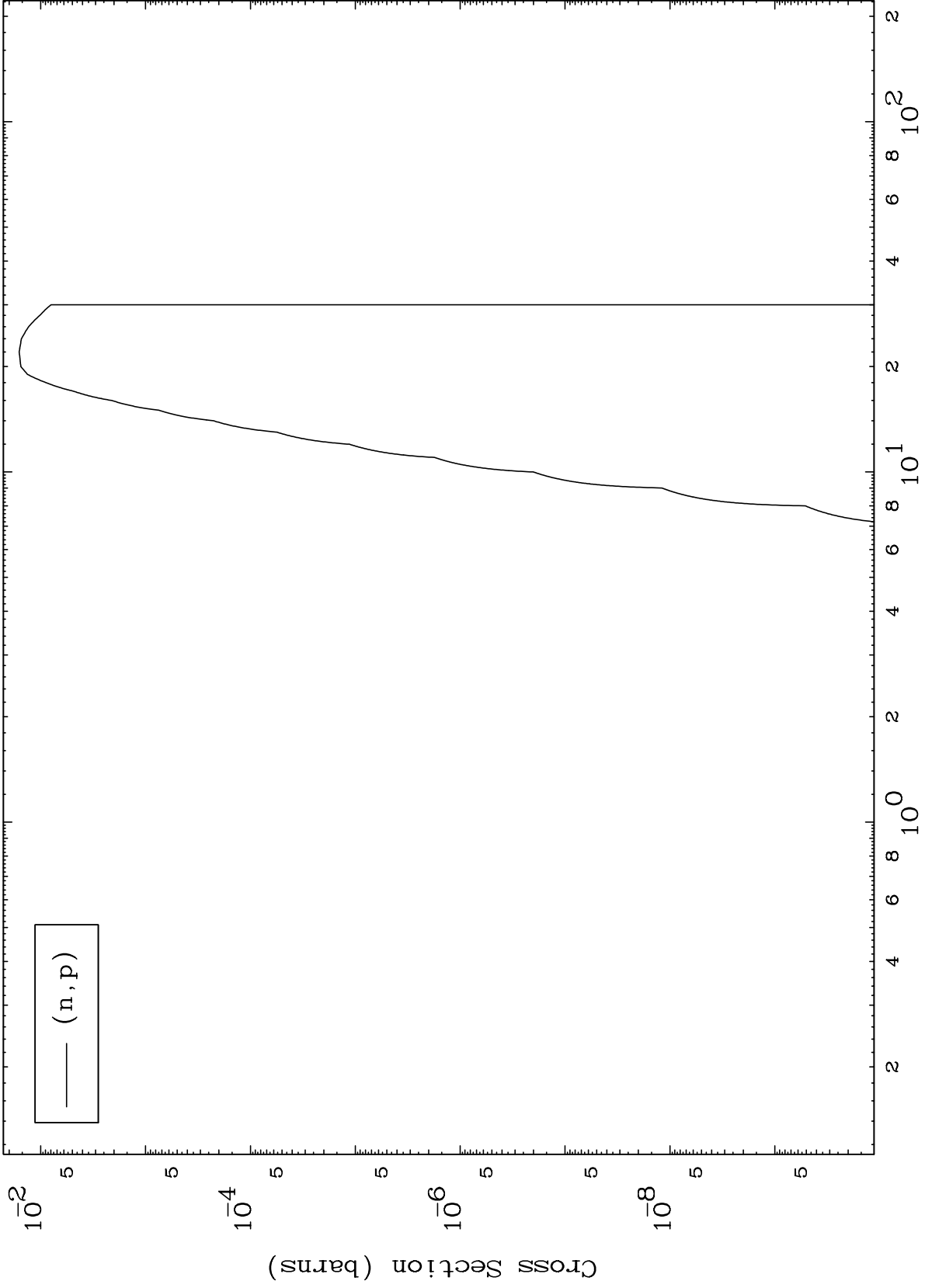
63-Eu-140



MAT 6292

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

63-Eu-140

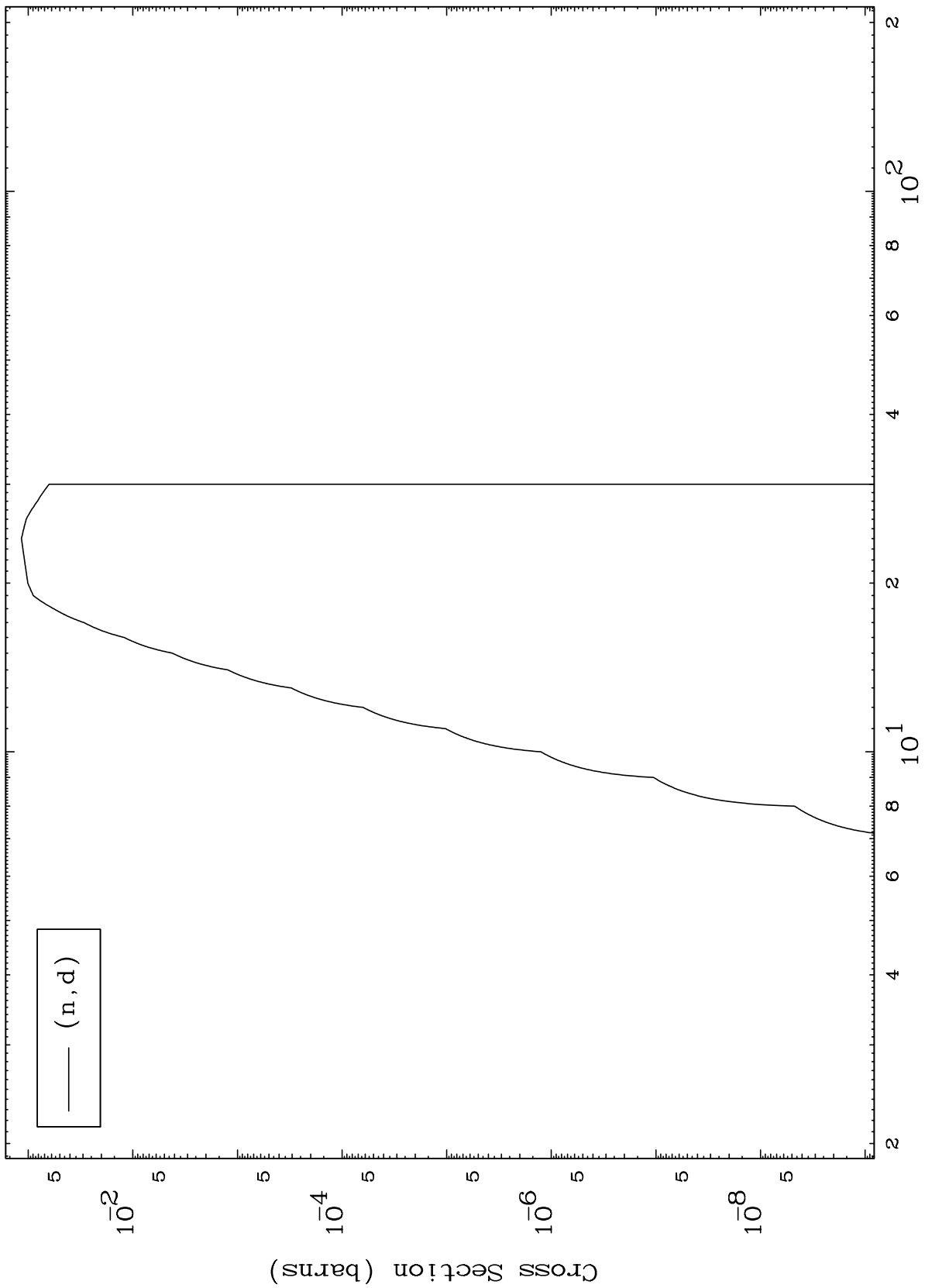


MAT 6292

(He-3,d) Levels

63-Eu-140

0 Kelvin Cross Sections



8

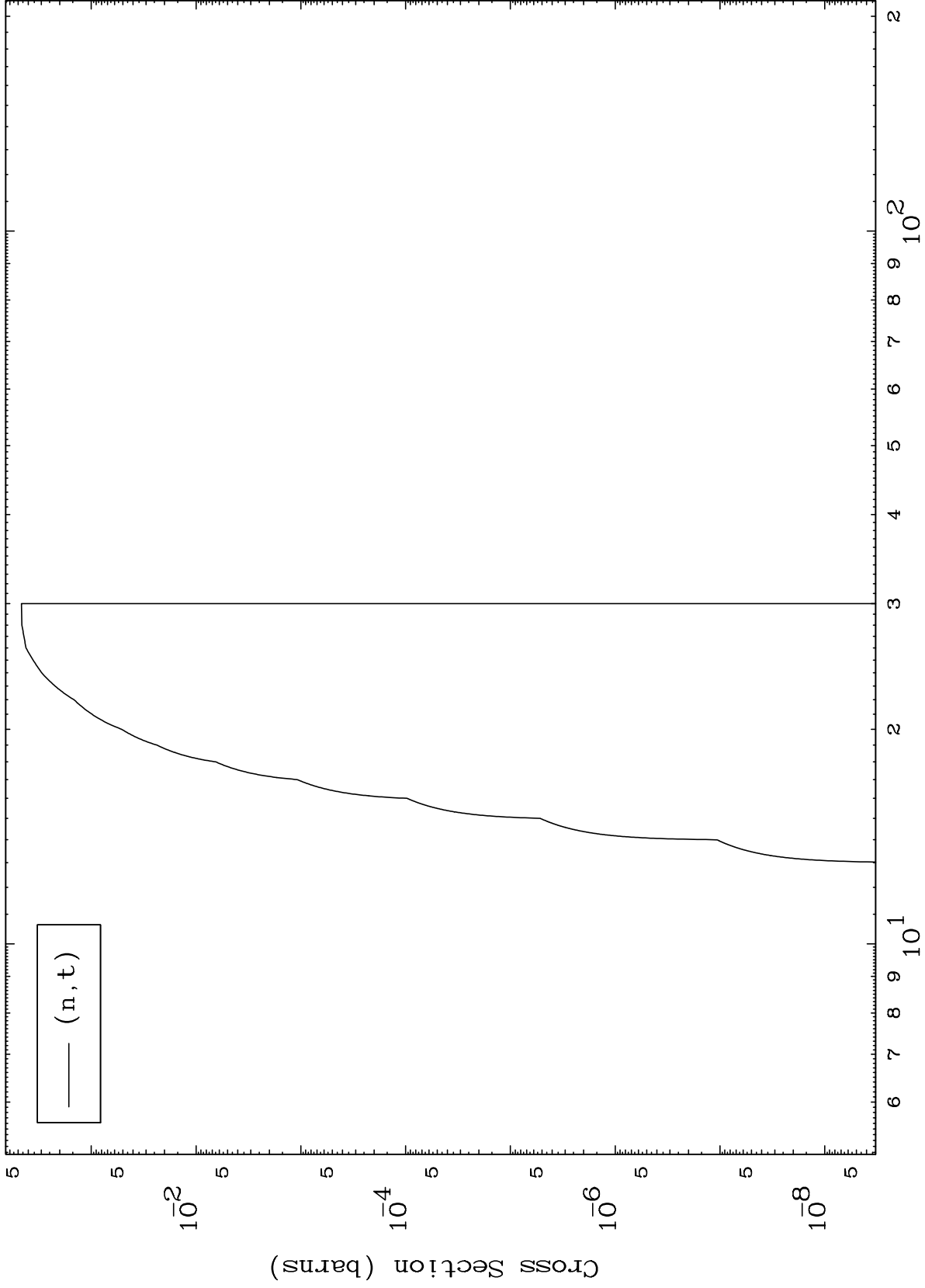
Incident Energy (MeV)

63-Eu-140

MAT 6292

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

63-Eu-140

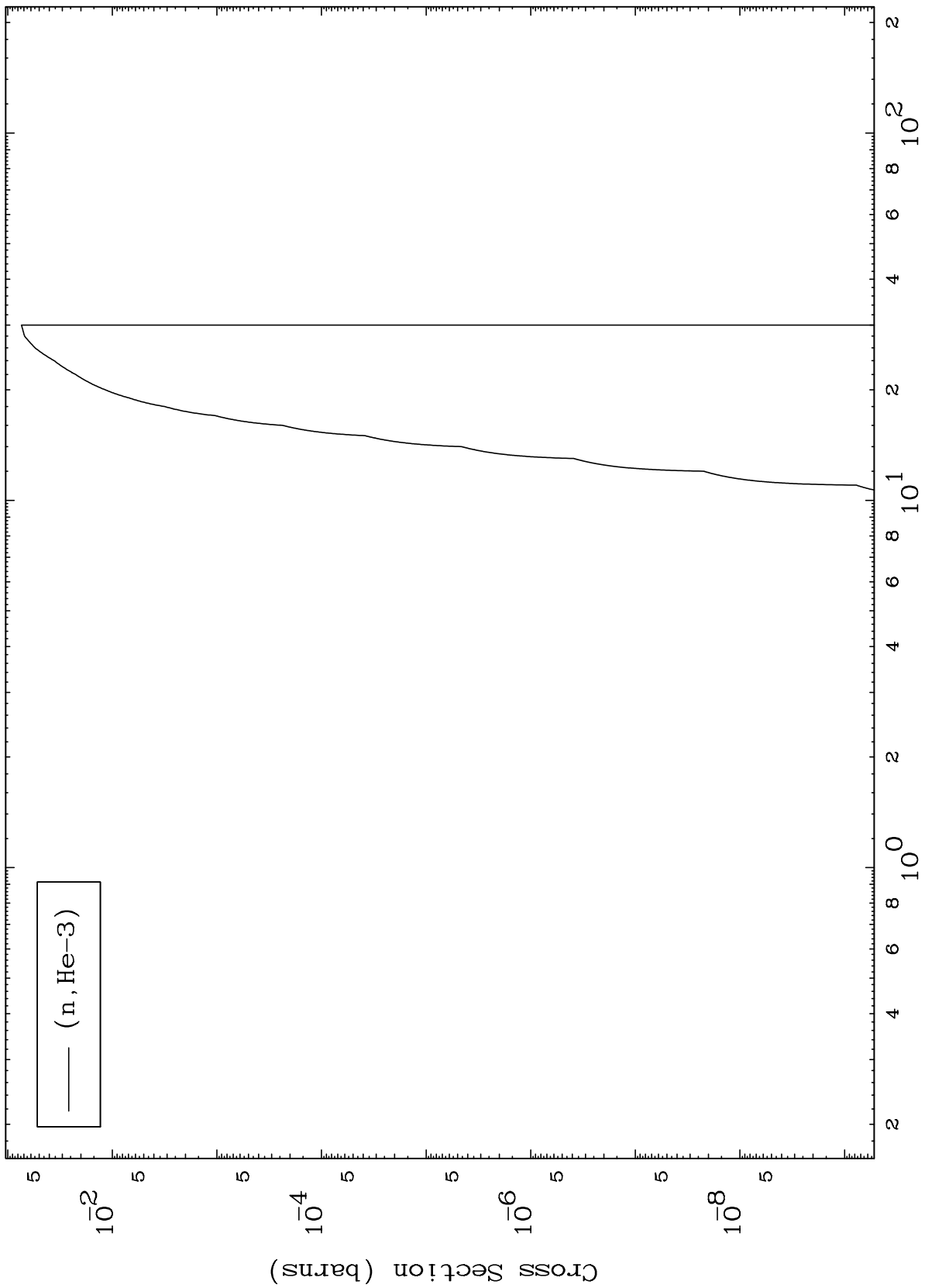


MAT 6292

(He-3, He3) Levels

63-Eu-140

0 Kelvin Cross Sections



10

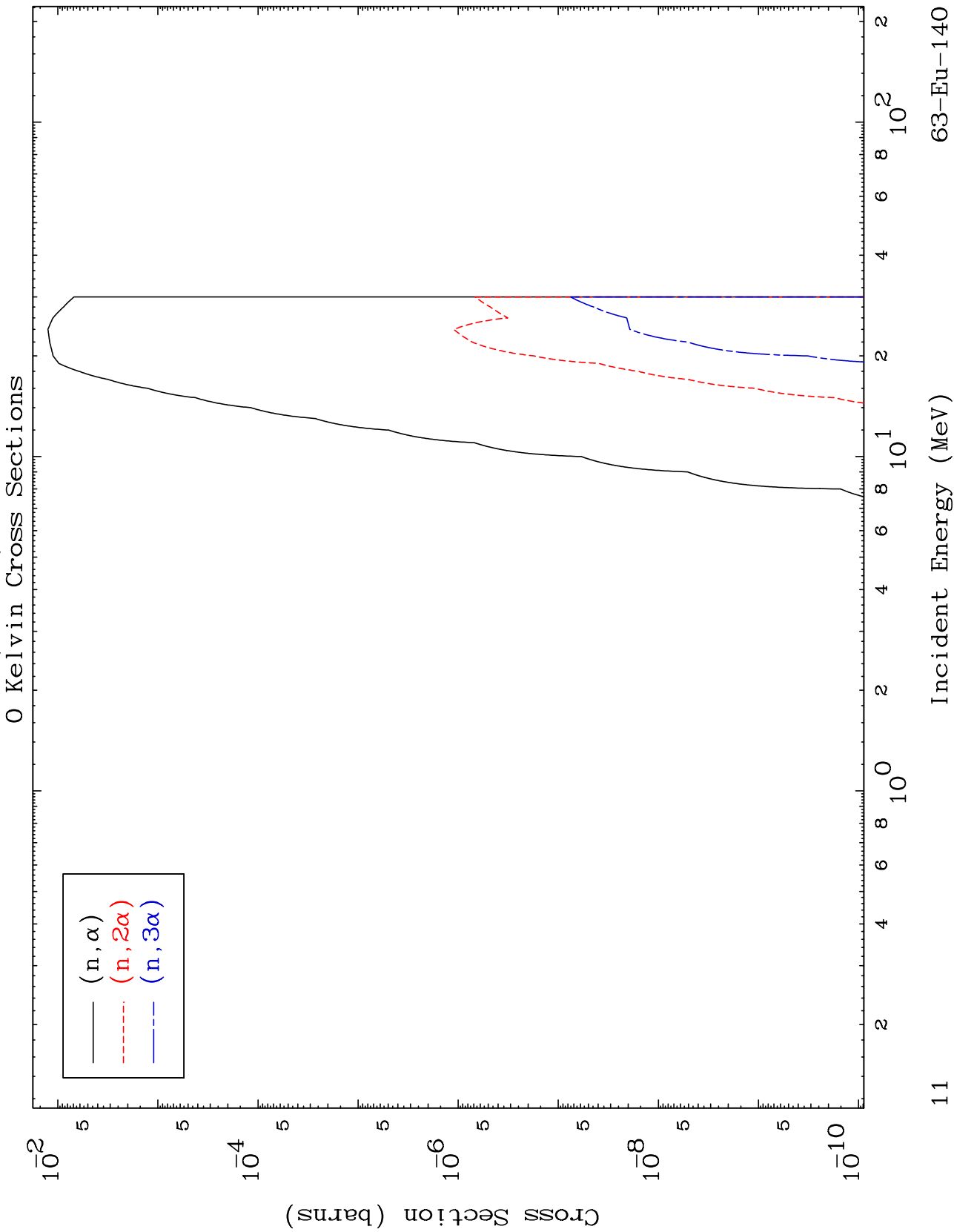
Incident Energy (MeV)

63-Eu-140

MAT 6292

(He-3, α) Levels

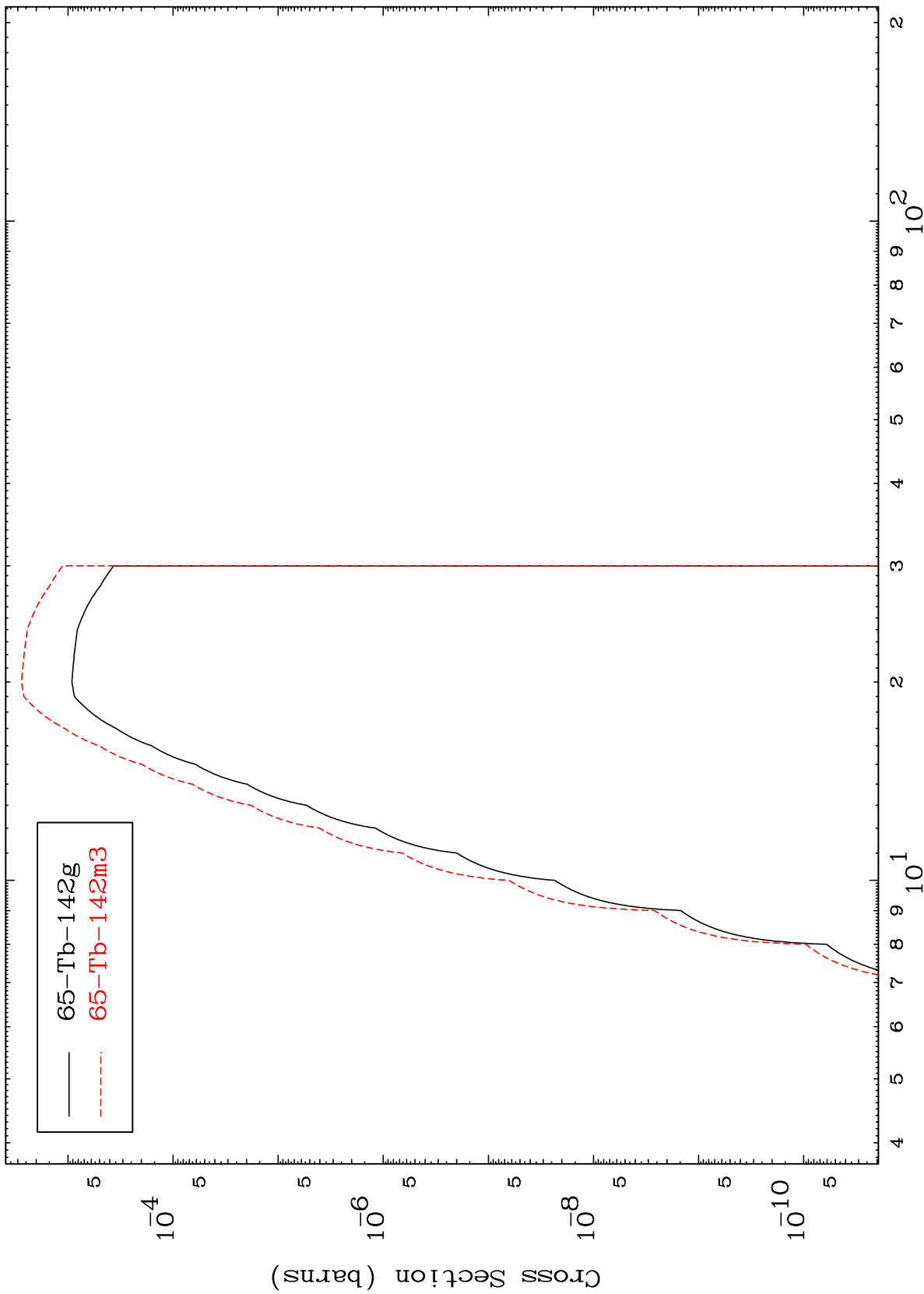
63-Eu-140



MAT 6292

63-Eu-140

Inelastic
Radionuclide Production Cross Section

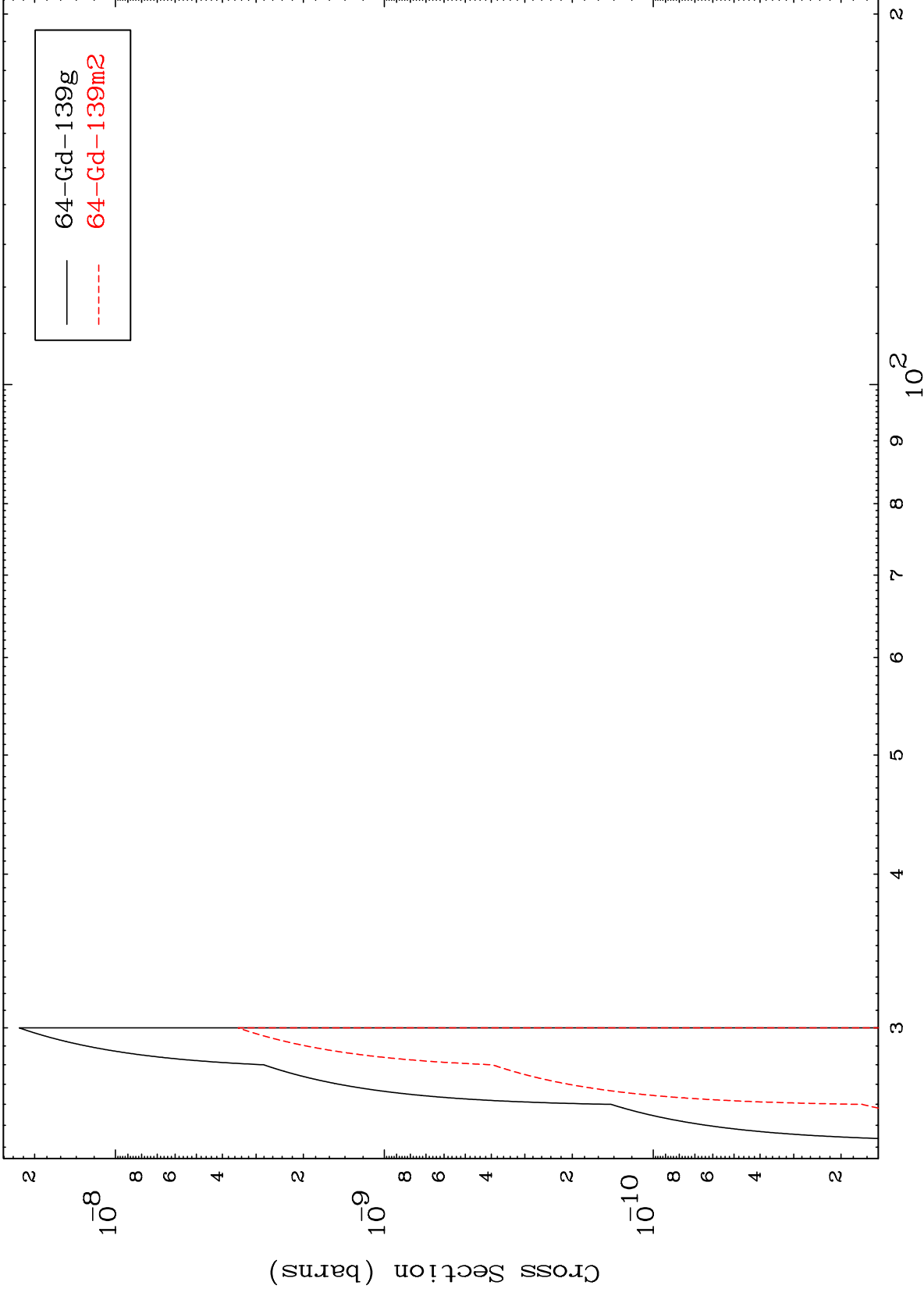


63-Eu-140

Incident Energy (MeV)

12

Radionuclide Production Cross Section

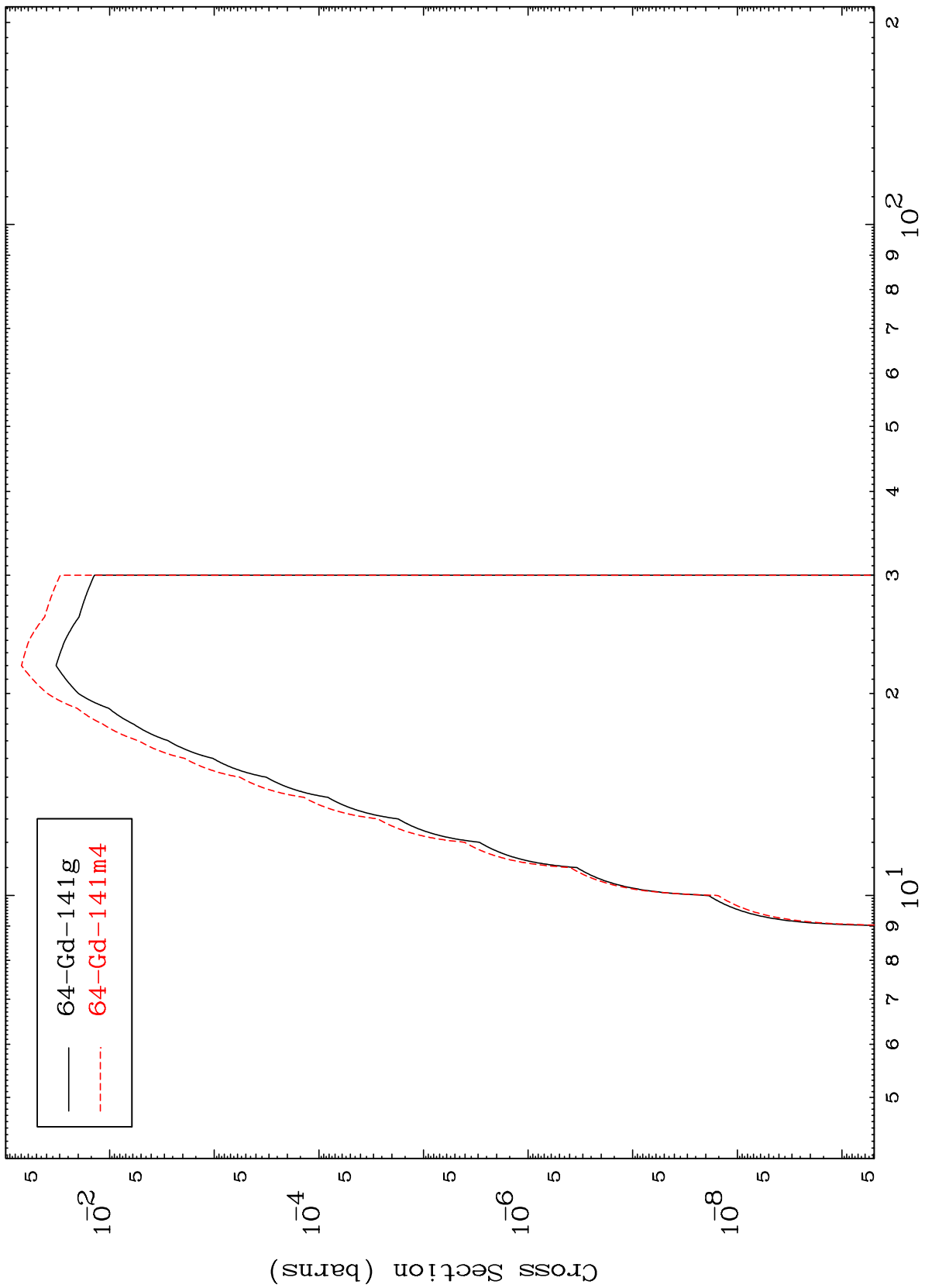


64-Gd-139g
64-Gd-139m2

MAT 6292

63-Eu-140

(n,n') p
Radionuclide Production Cross Section



14

Incident Energy (MeV)

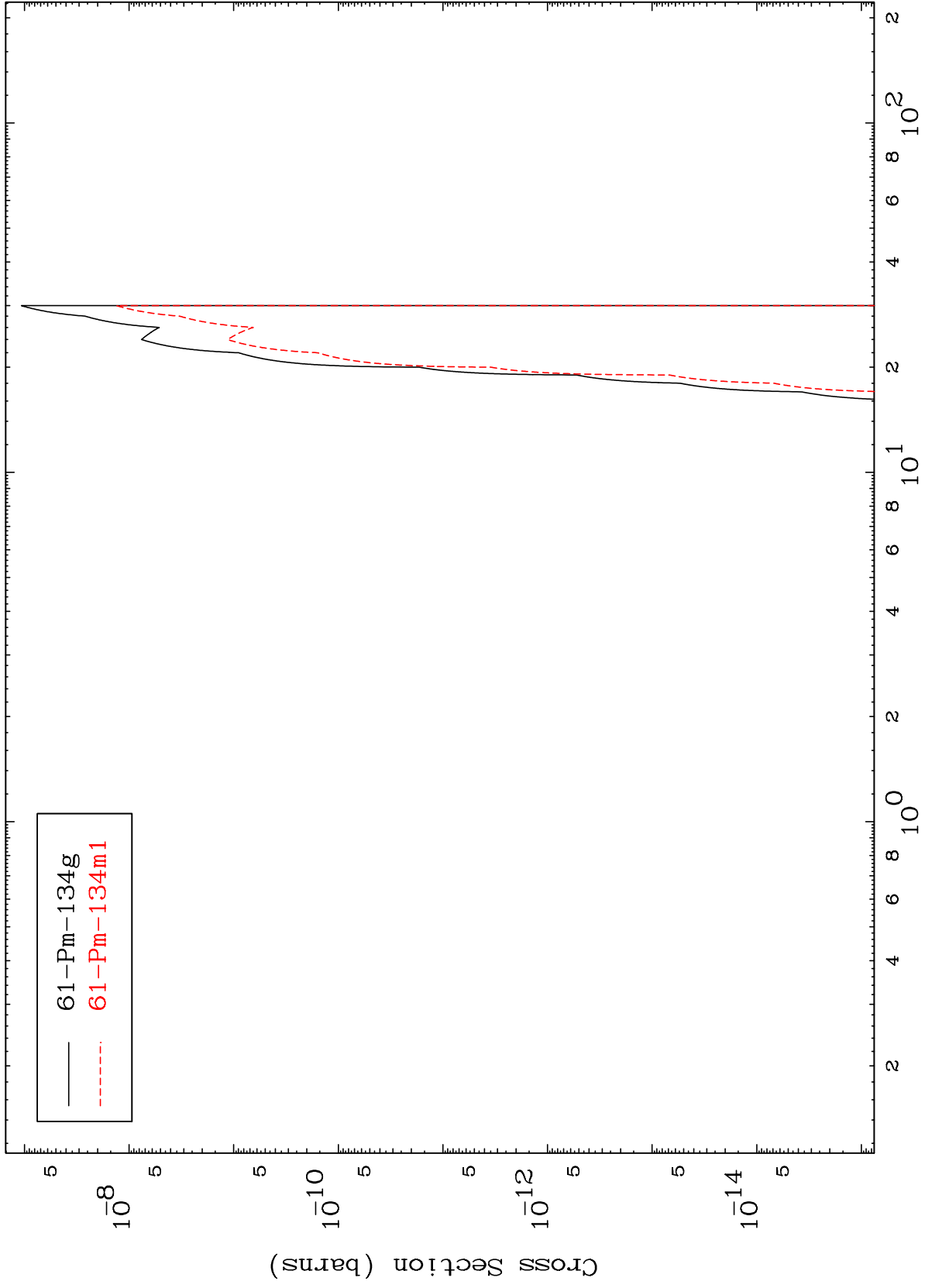
63-Eu-140

MAT 6292

(n,n') 2 α

63-Eu-140

Radionuclide Production Cross Section



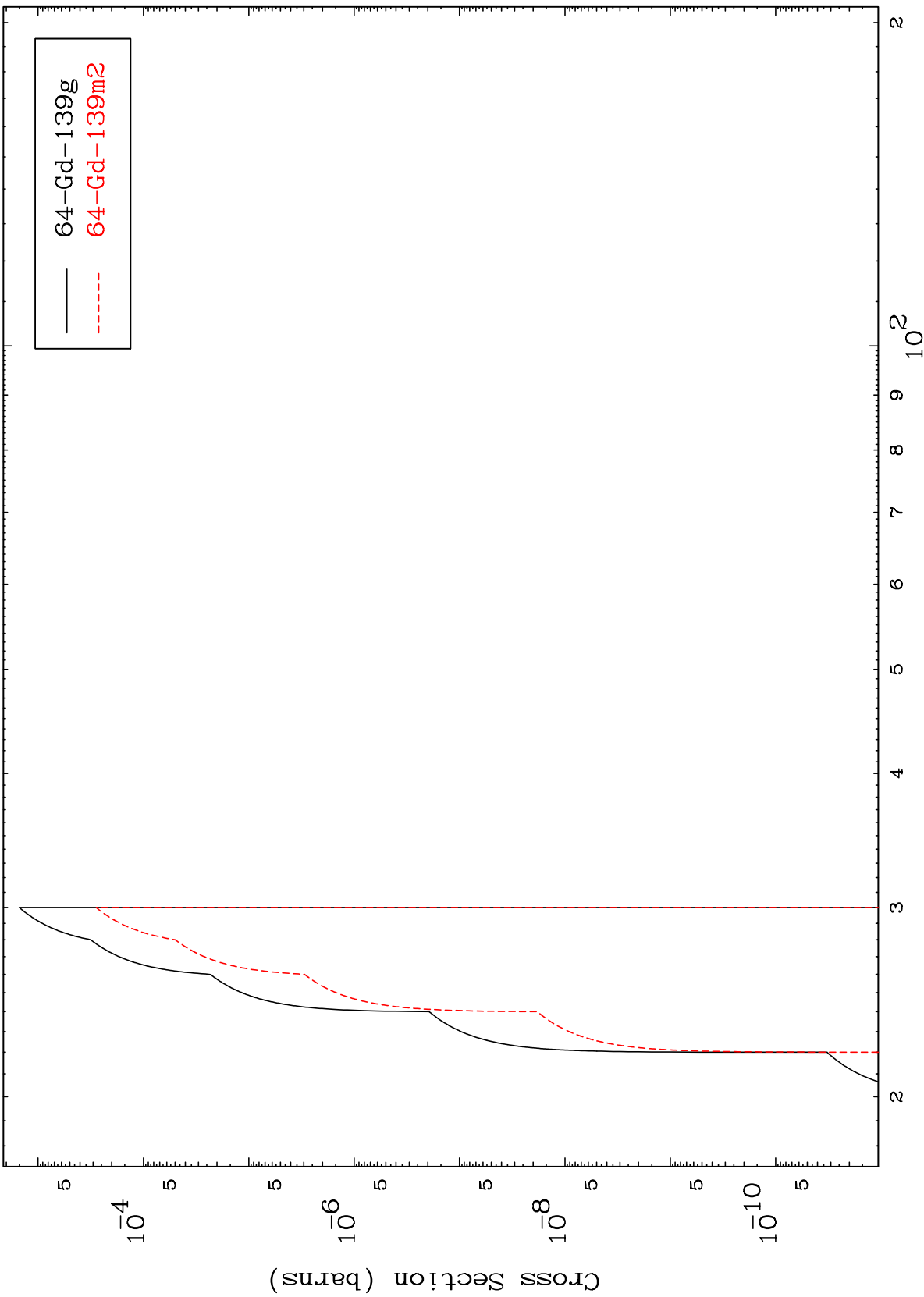
61-Pm-134g
61-Pm-134m1

15

Incident Energy (MeV)

63-Eu-140

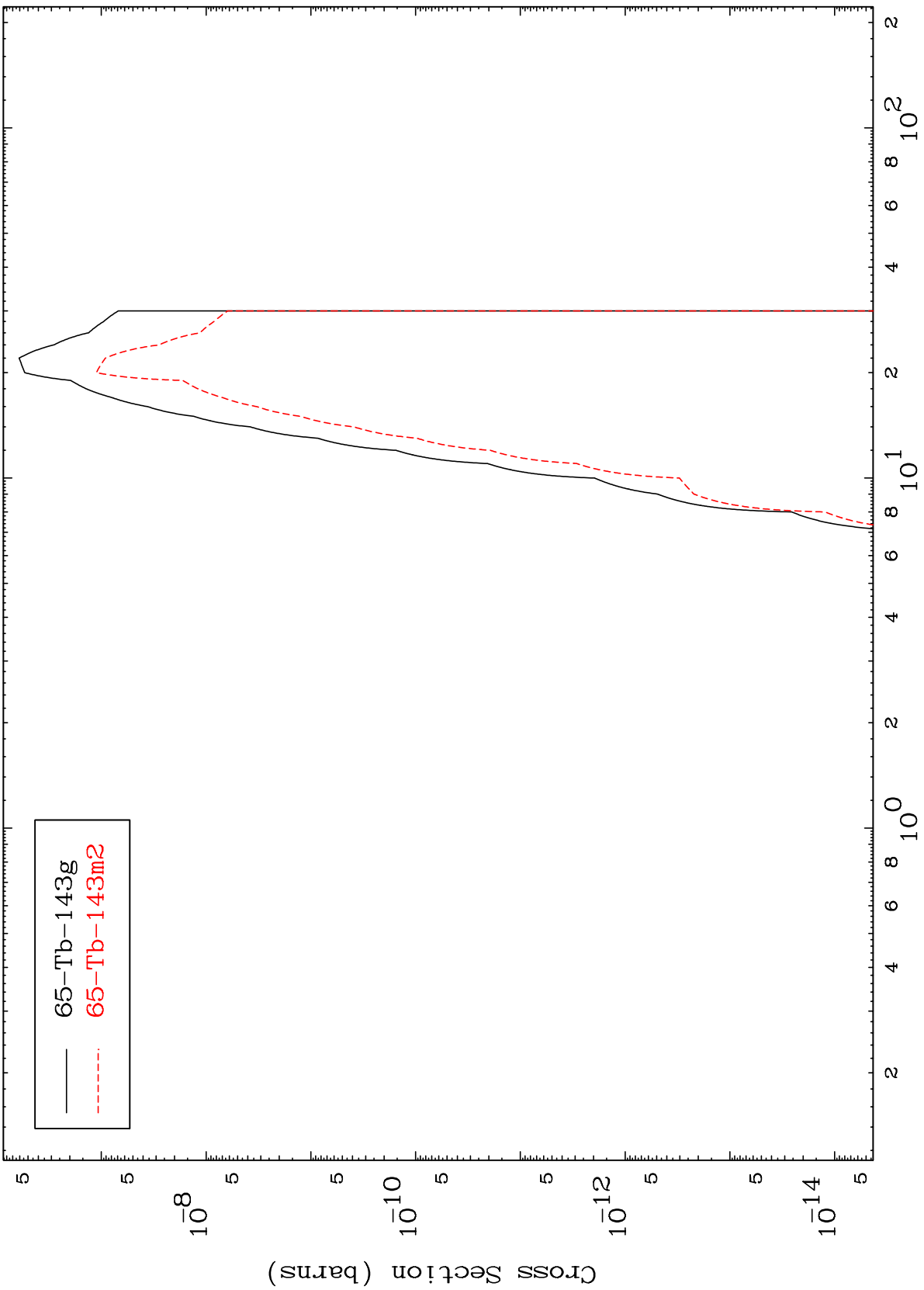
Radionuclide Production Cross Section



MAT 6292

63-Eu-140

(n, γ)
Radionuclide Production Cross Section



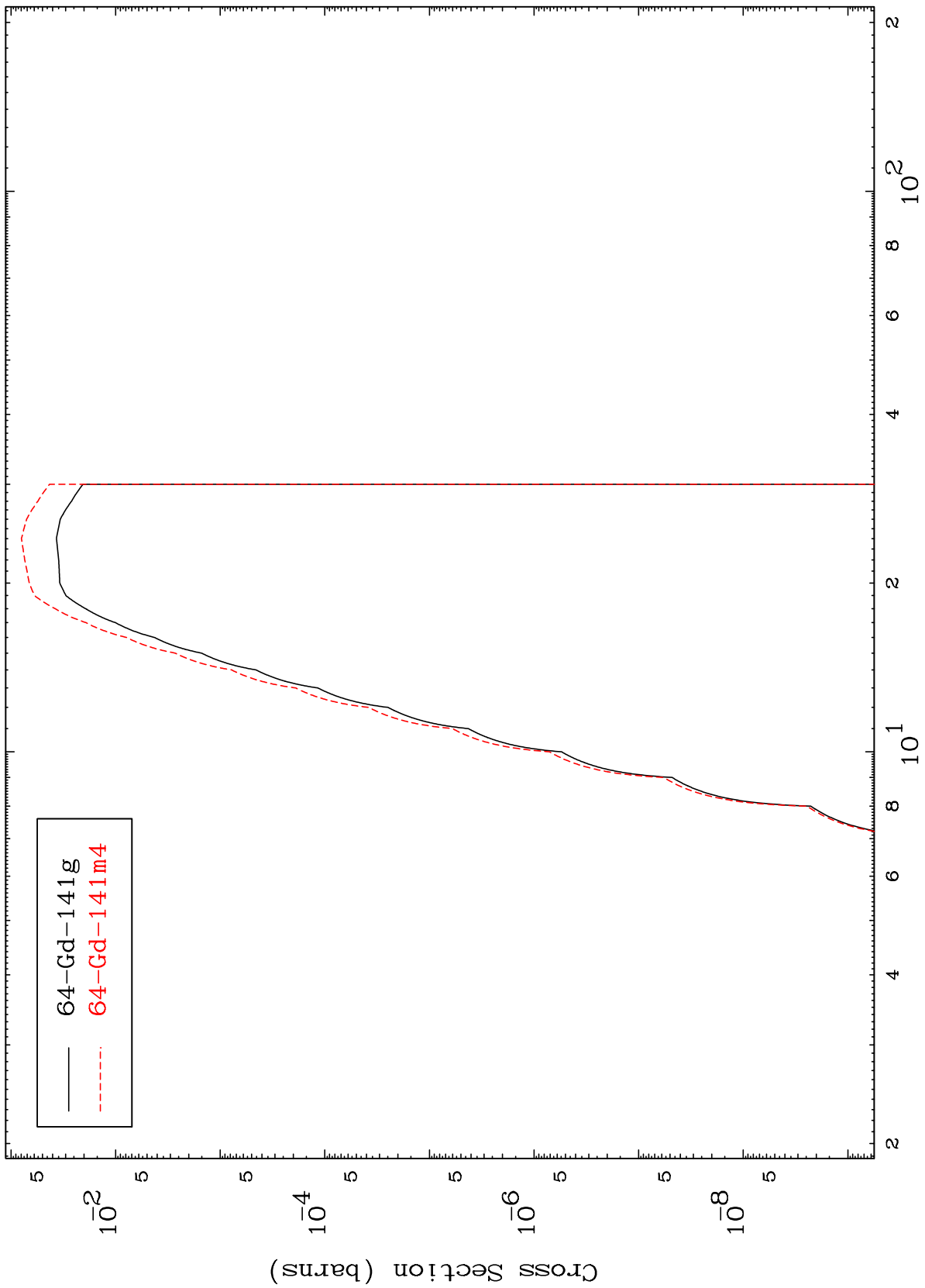
63-Eu-140

Incident Energy (MeV)

MAT 6292

63-Eu-140

(n,d)
Radionuclide Production Cross Section



18

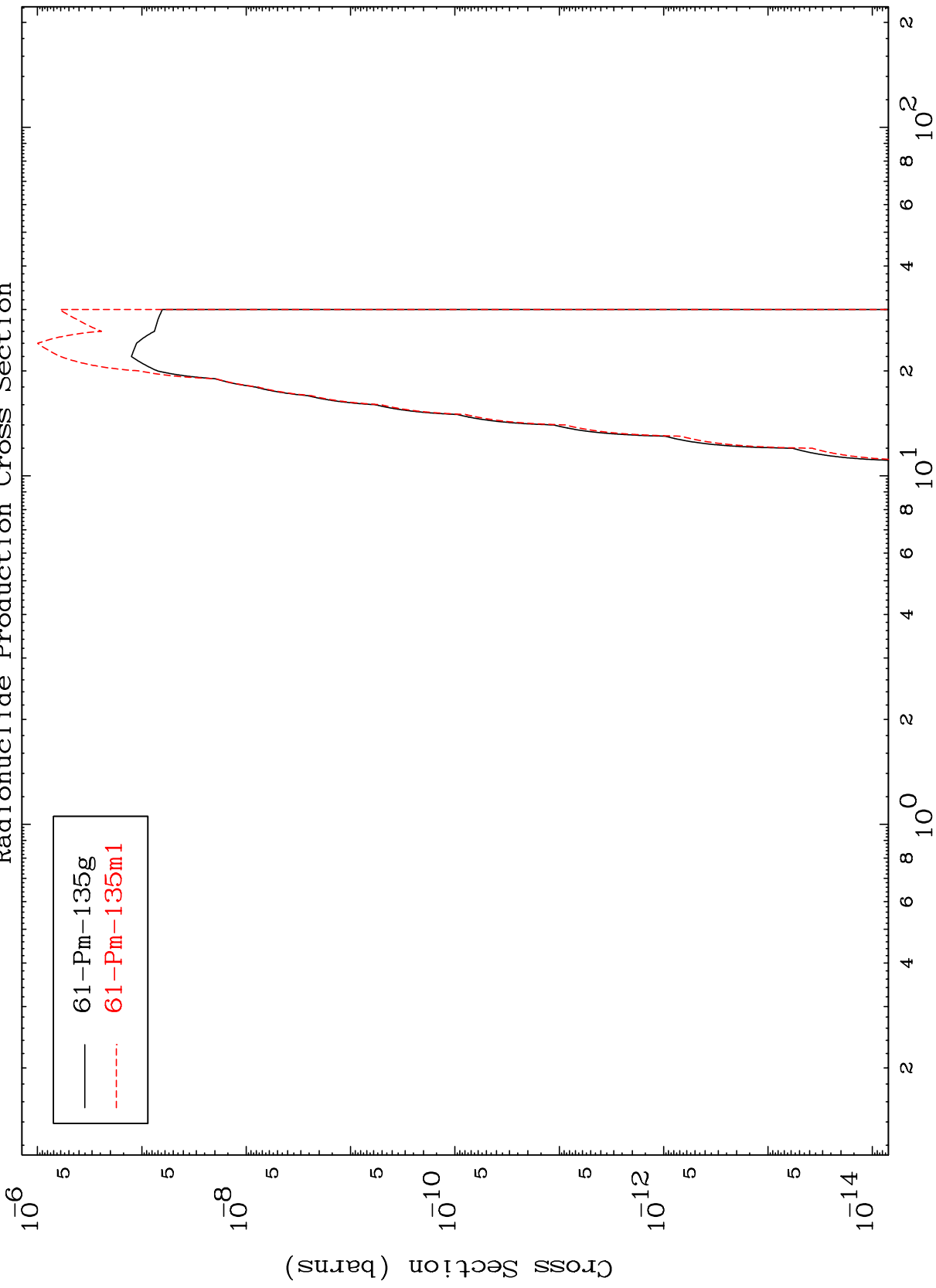
Incident Energy (MeV)

63-Eu-140

MAT 6292

63-Eu-140

Radionuclide Production Cross Section
(n,2 α)



19

Incident Energy (MeV)

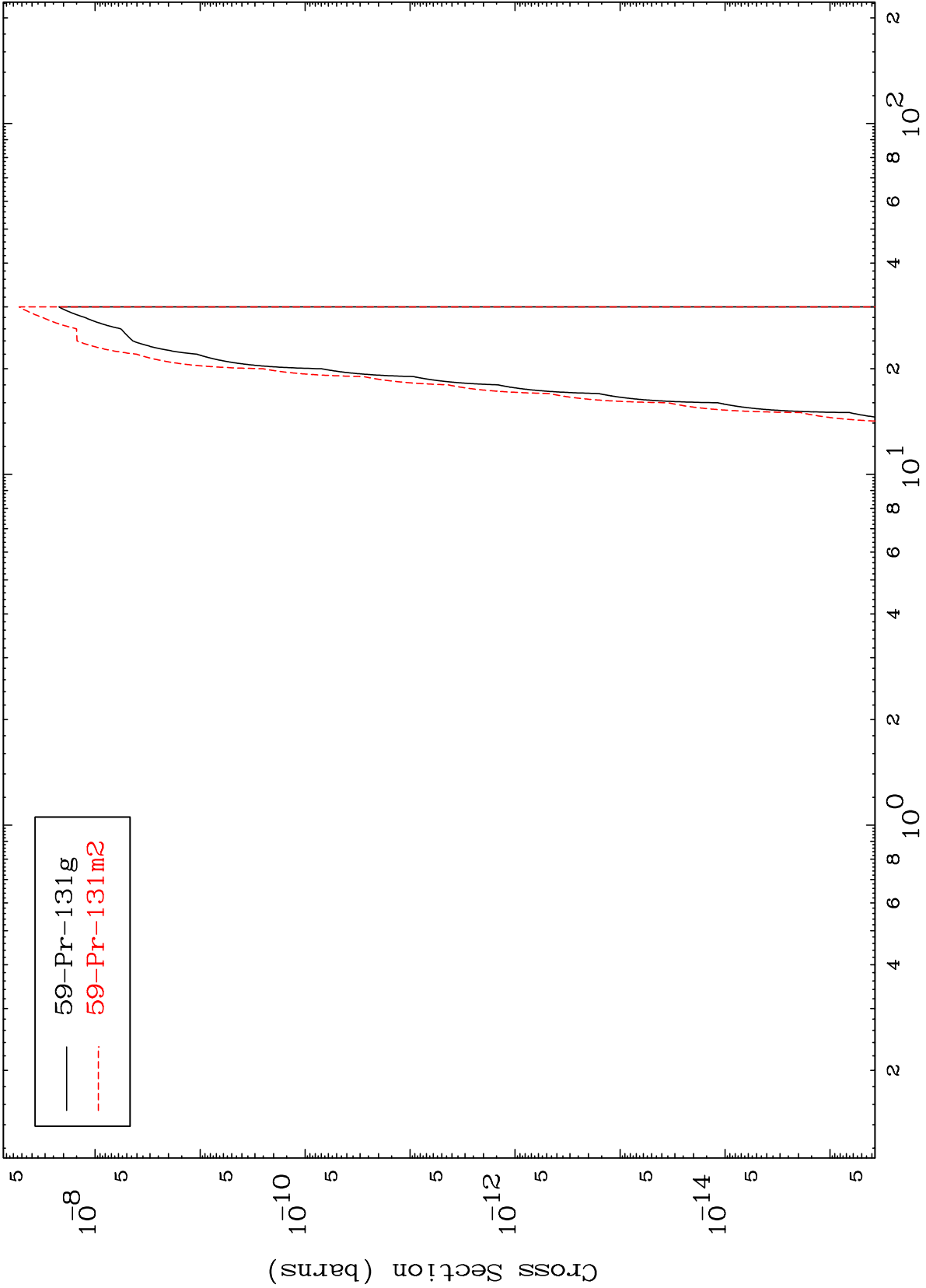
63-Eu-140

MAT 6292

(n, 3α)

63-Eu-140

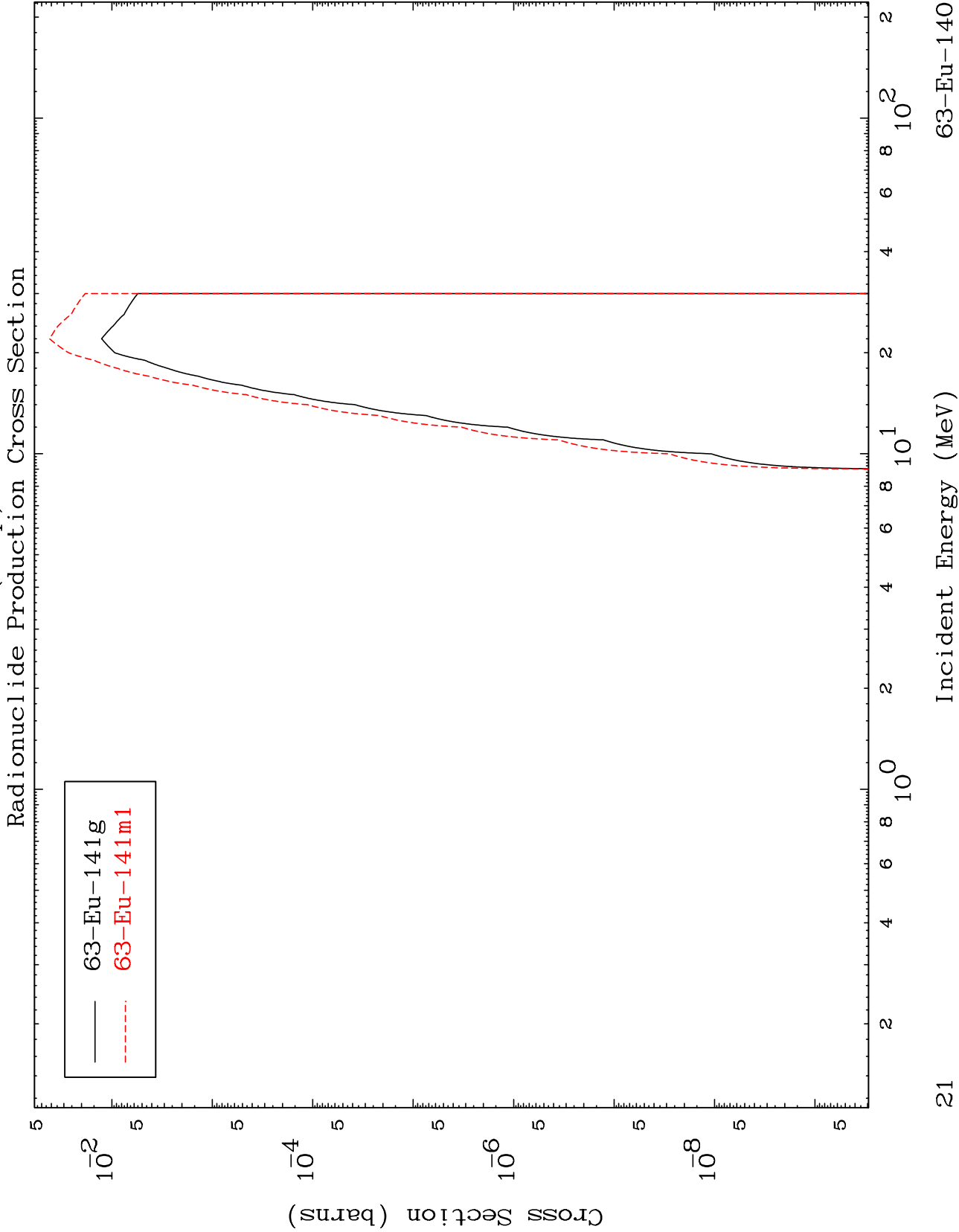
Radionuclide Production Cross Section



MAT 6292

(n,2p)

63-Eu-140



63-Eu-141g
63-Eu-141m1