

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

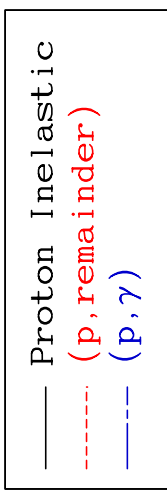
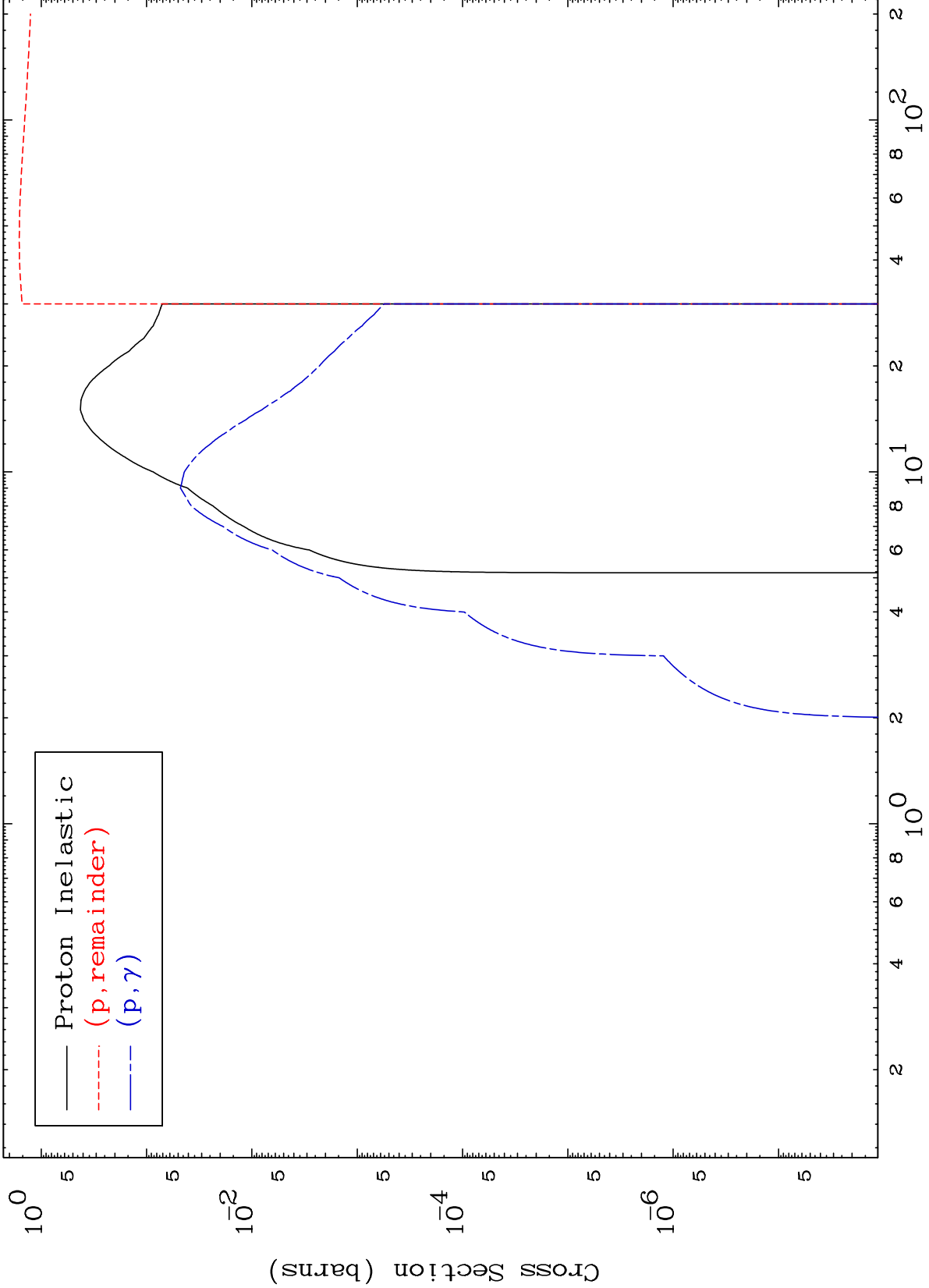
Press Mouse Button to Start

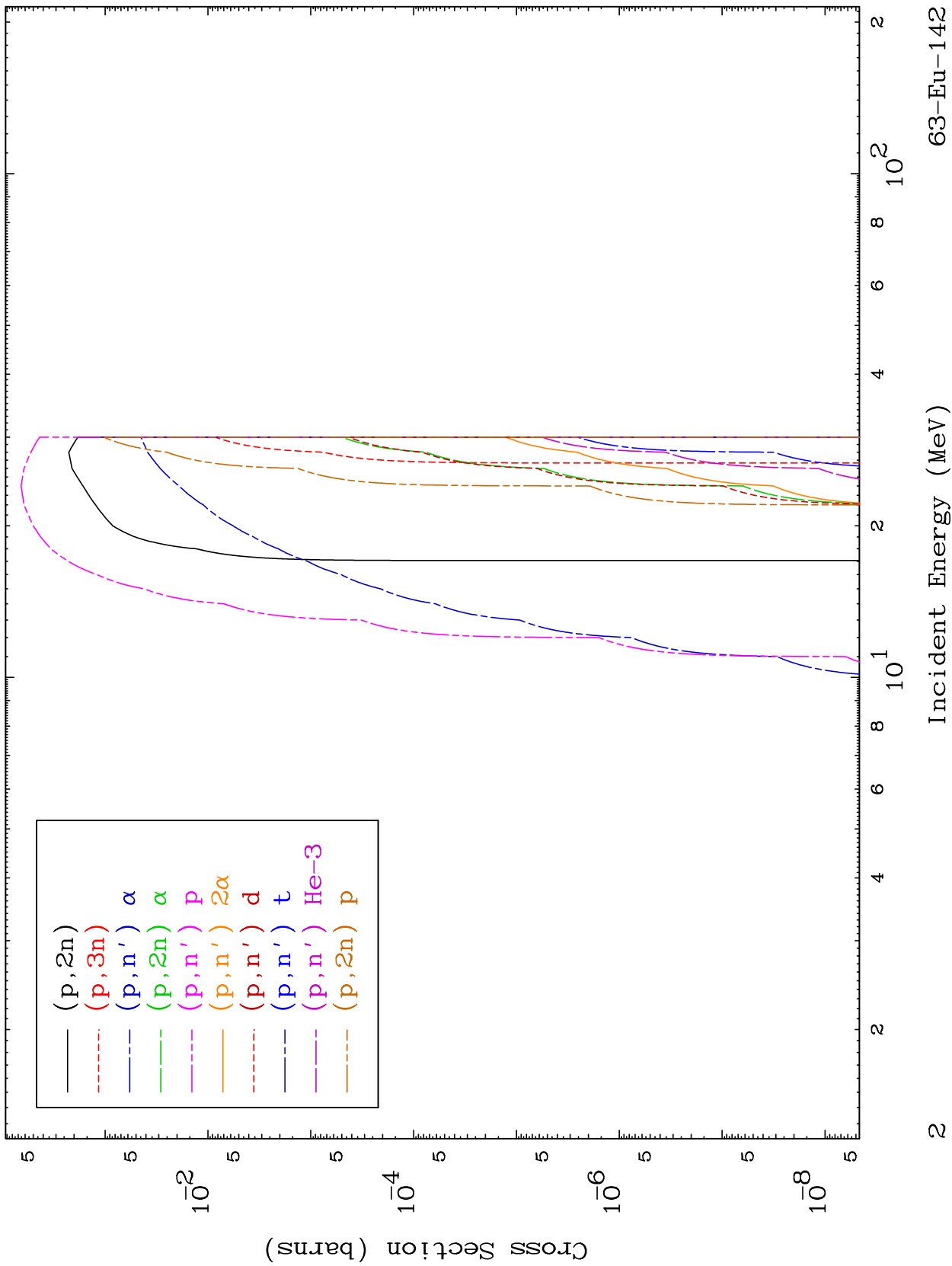
MAT 6298

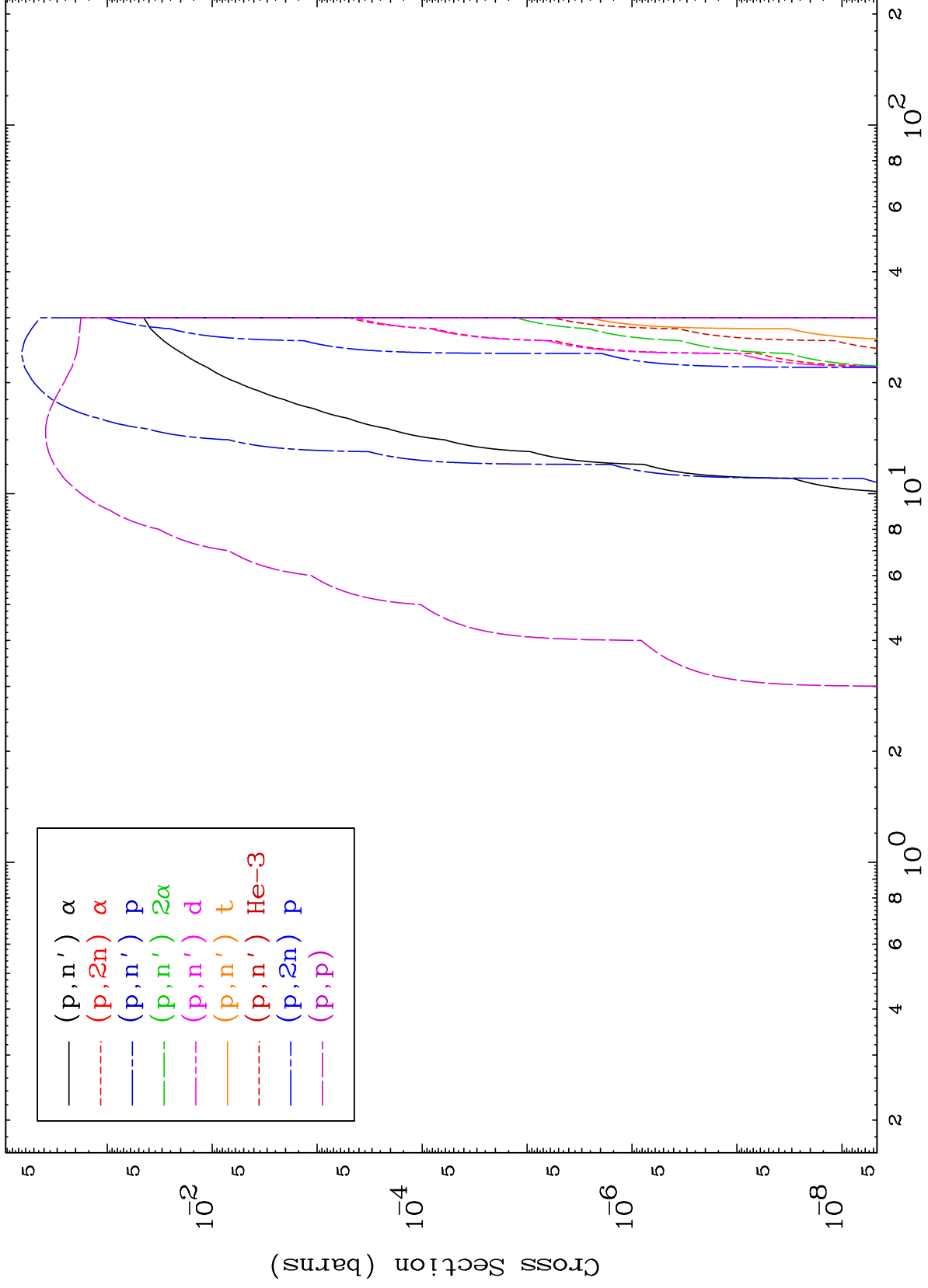
Proton Major

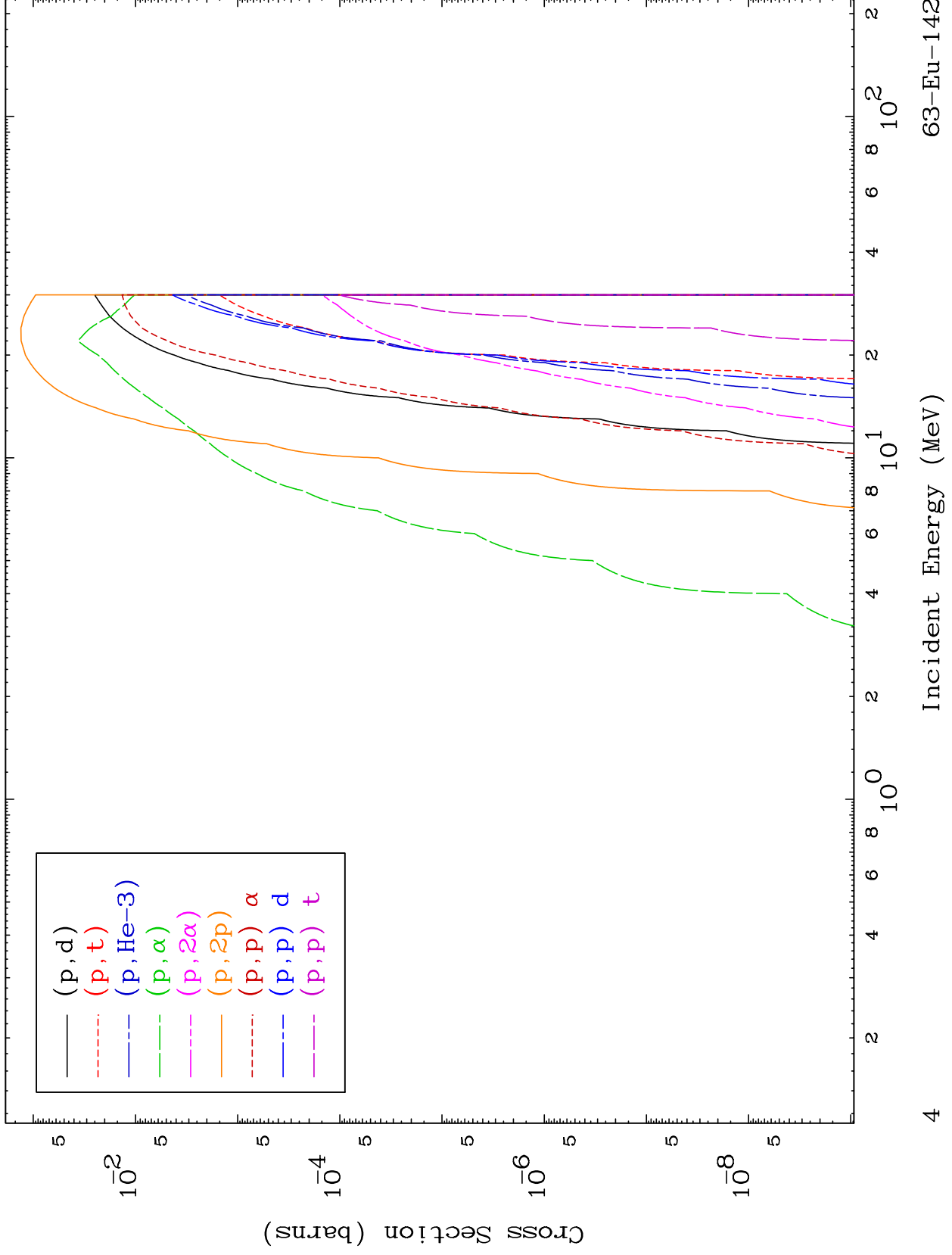
63-Eu-142

0 Kelvin Cross Sections





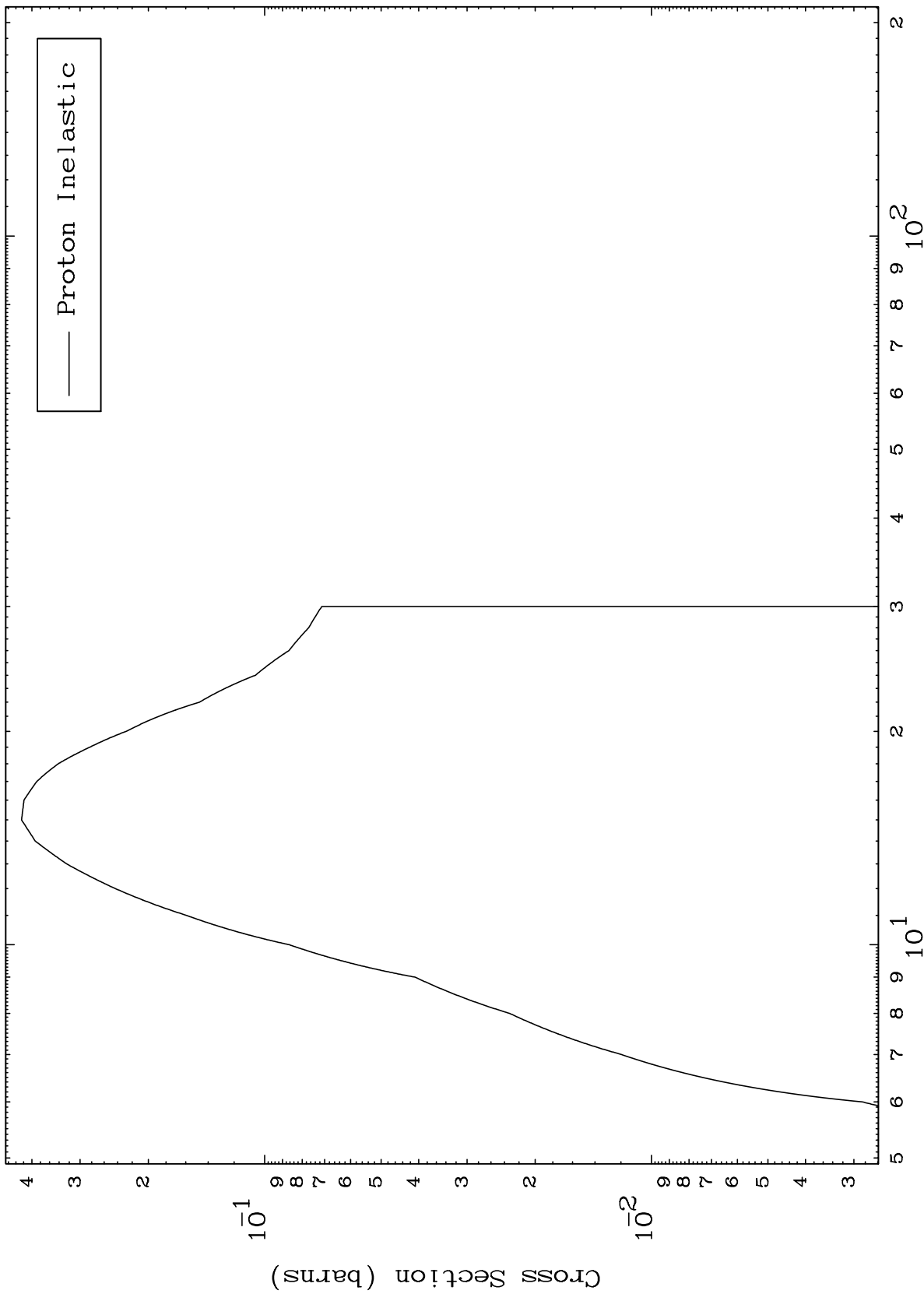




MAT 6298

63-Eu-142

(p,n') Level
0 Kelvin Cross Sections



— Proton Inelastic

5

Incident Energy (MeV)

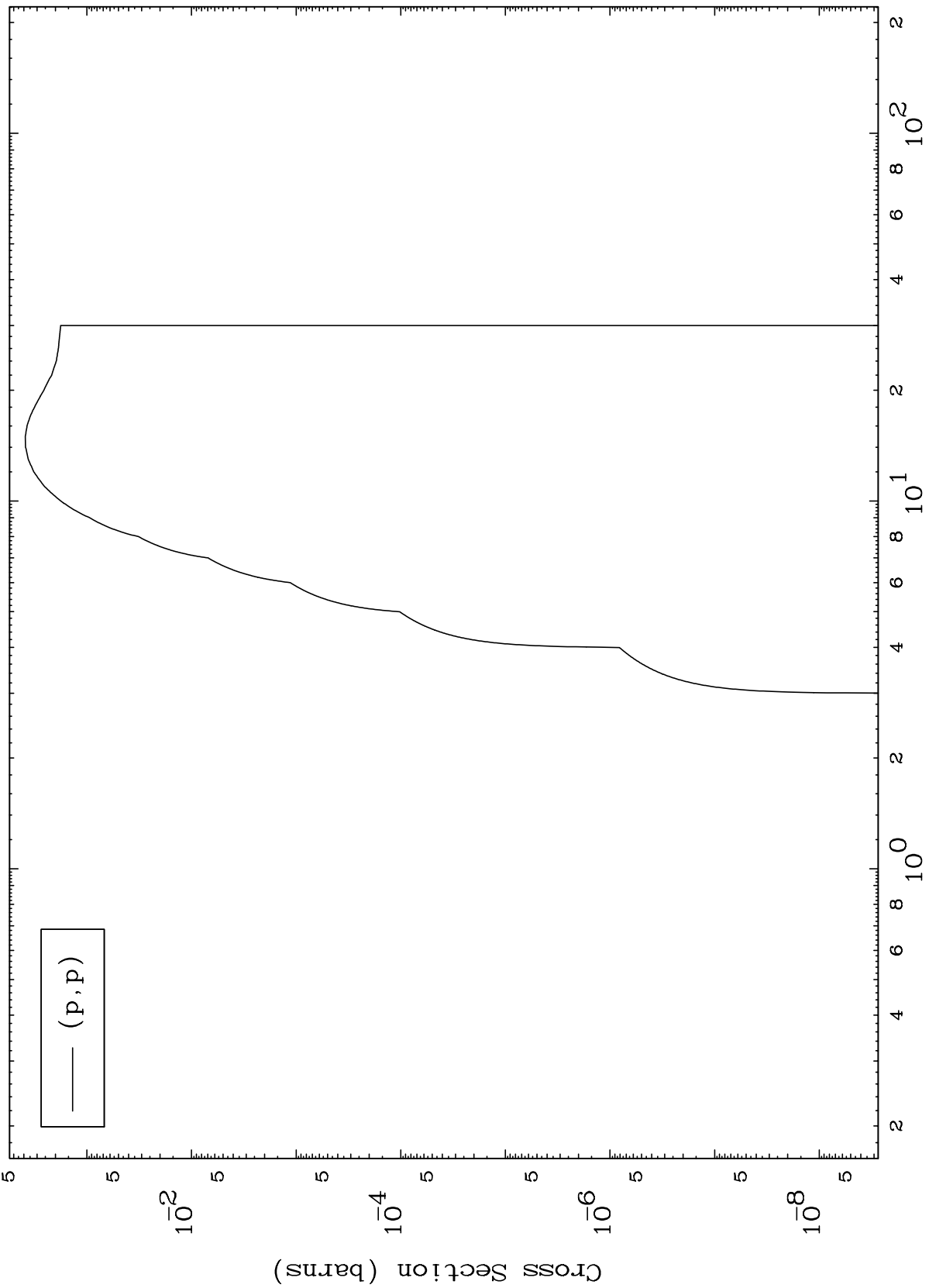
63-Eu-142

MAT 6298

(p,p) Levels

63-Eu-142

0 Kelvin Cross Sections



6

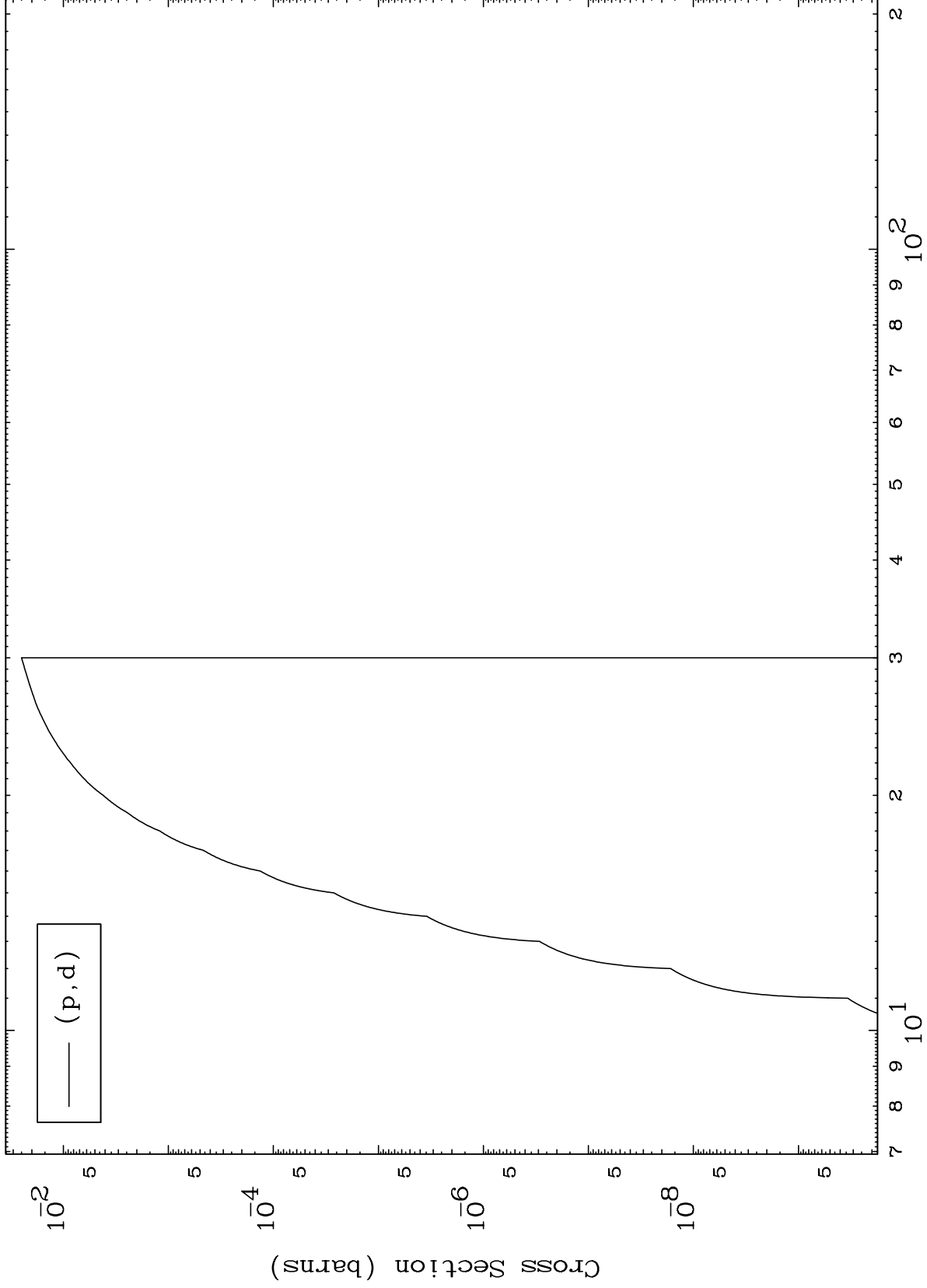
Incident Energy (MeV)

63-Eu-142

MAT 6298

(p,d) Levels
0 Kelvin Cross Sections

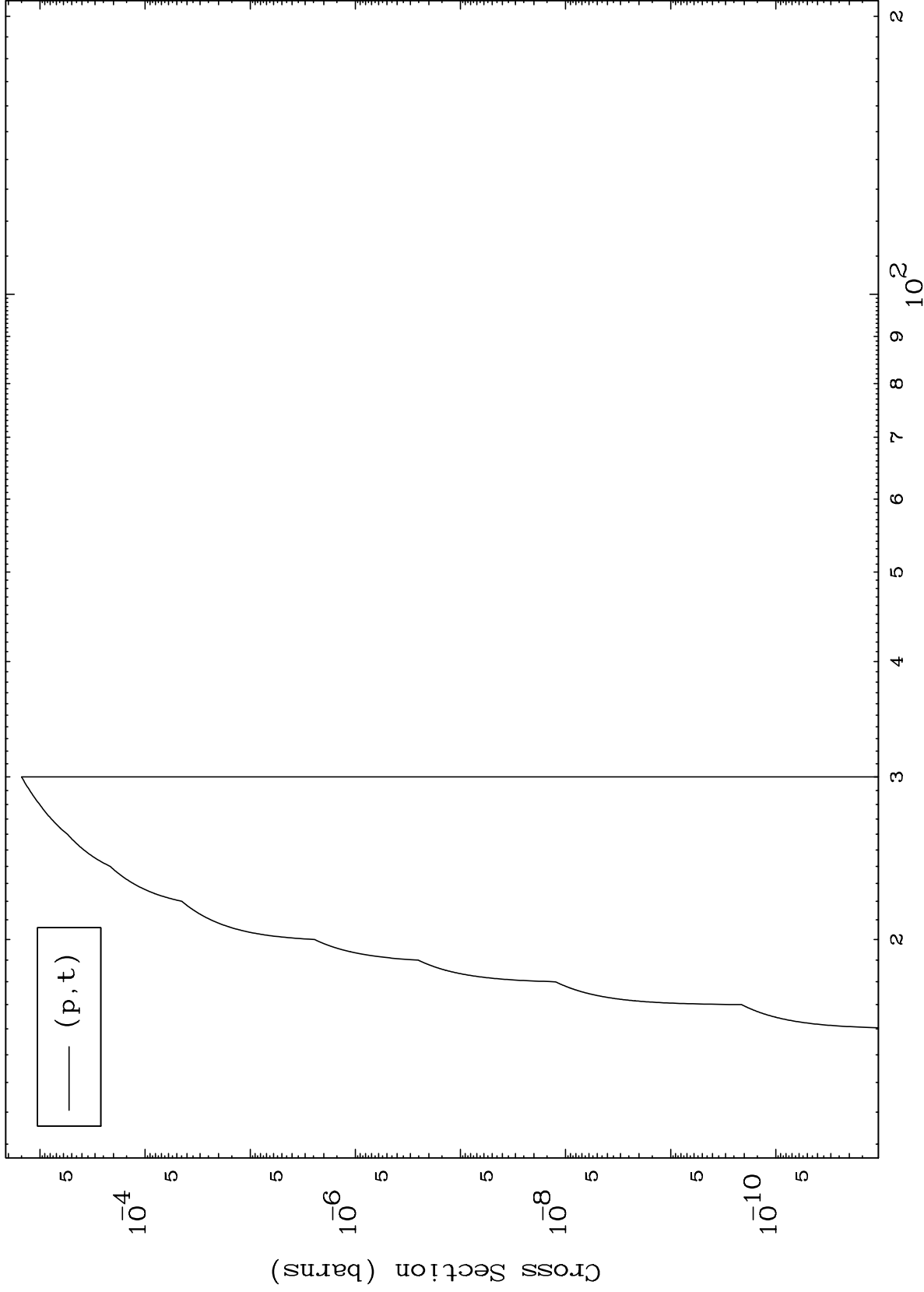
63-Eu-142



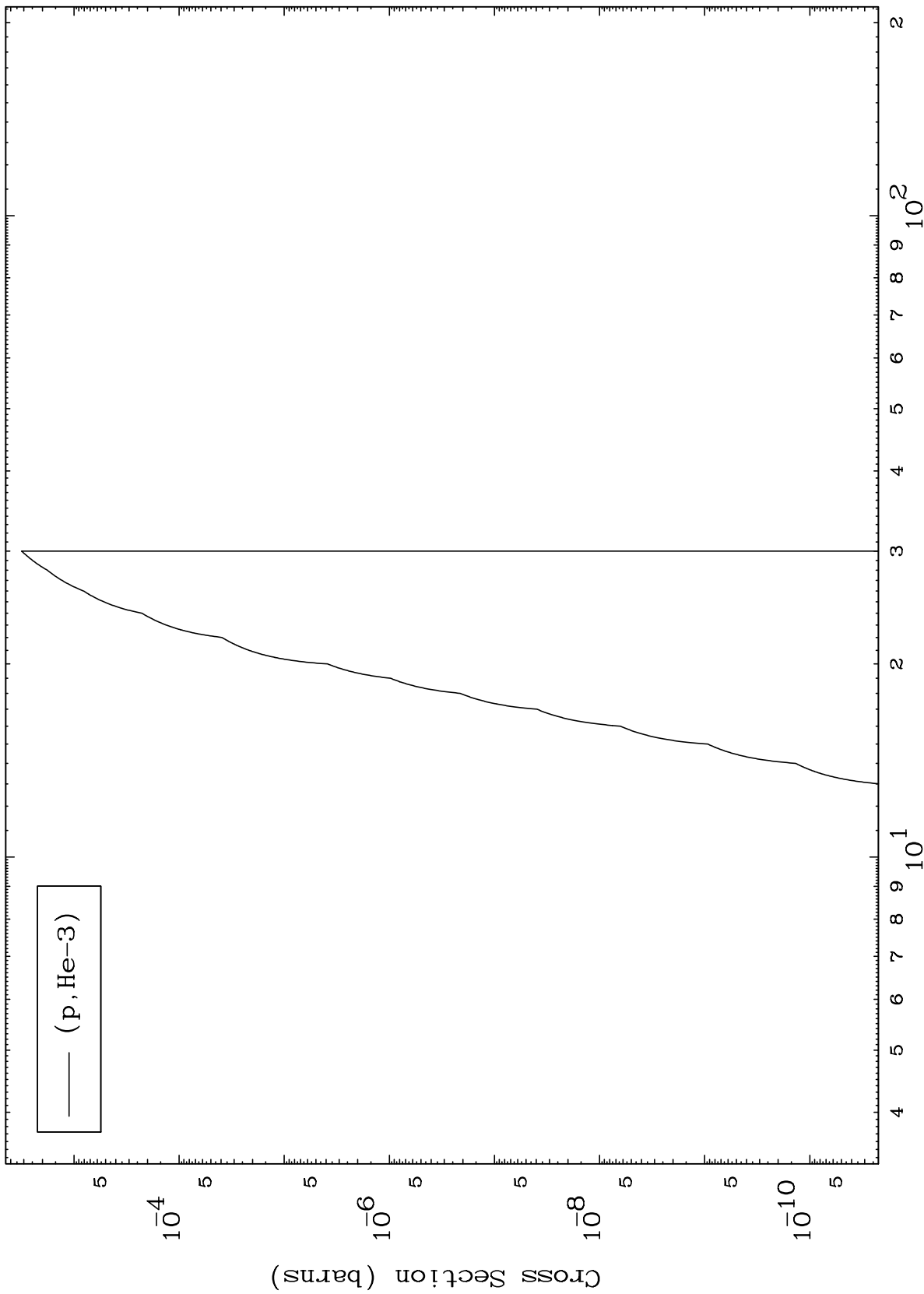
7

Incident Energy (MeV)

63-Eu-142



(p,He3) Levels
0 Kelvin Cross Sections

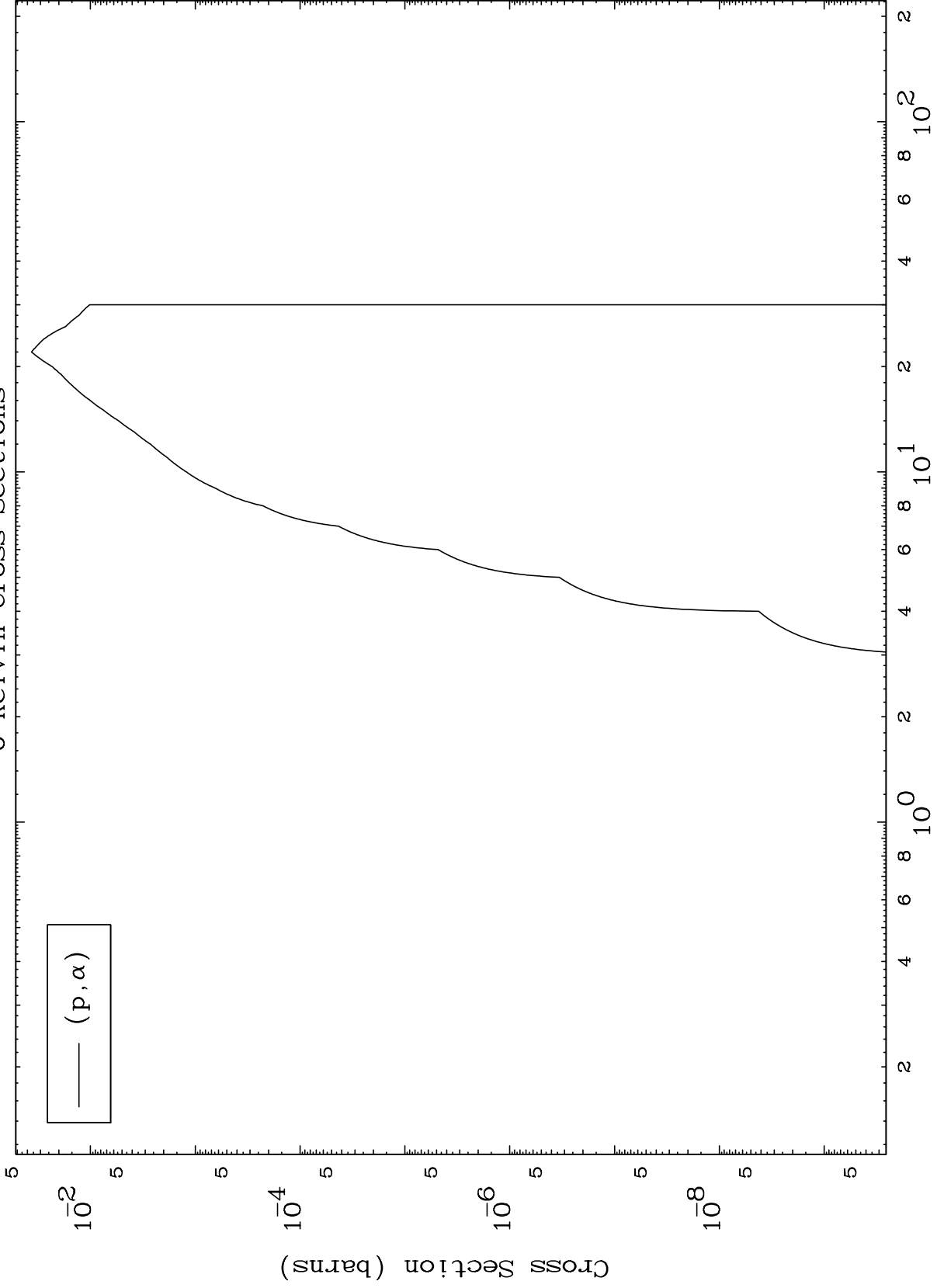


MAT 6298

(p, α) Levels

63-Eu-142

0 Kelvin Cross Sections

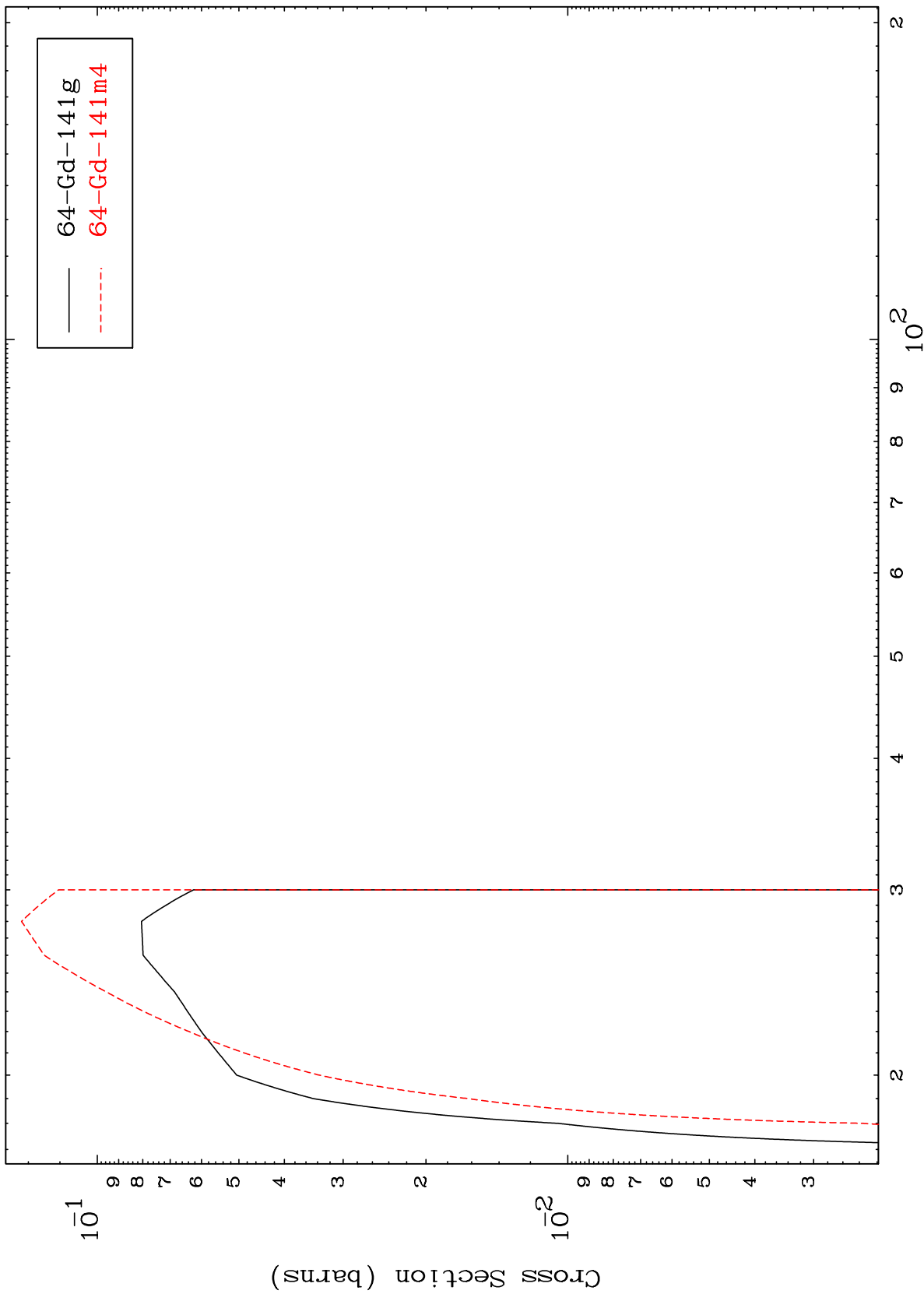


10

Incident Energy (MeV)

63-Eu-142

(p,2n)
Radionuclide Production Cross Section

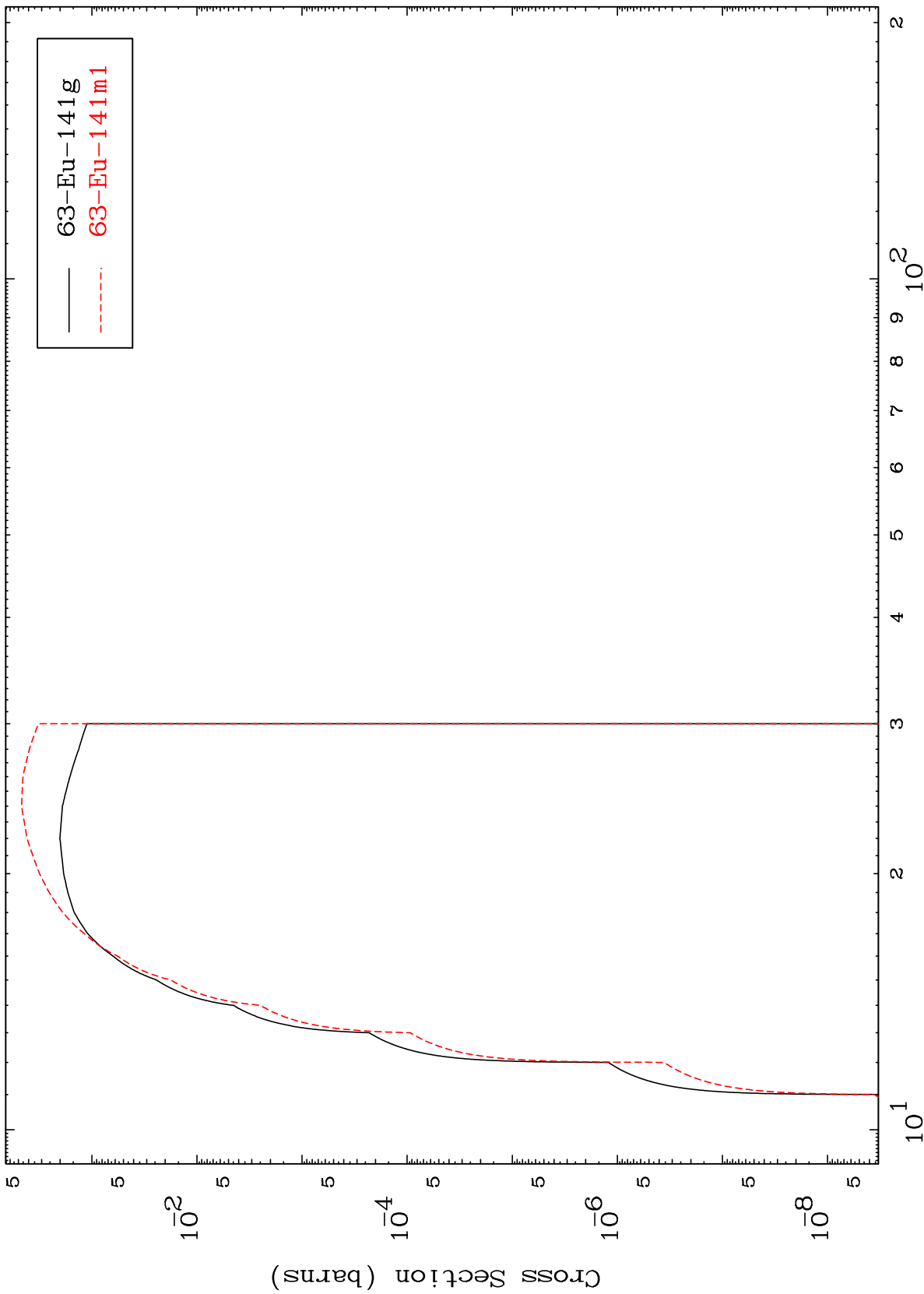


MAT 6298

(p,n') p

63-Eu-142

Radionuclide Production Cross Section



Incident Energy (MeV)

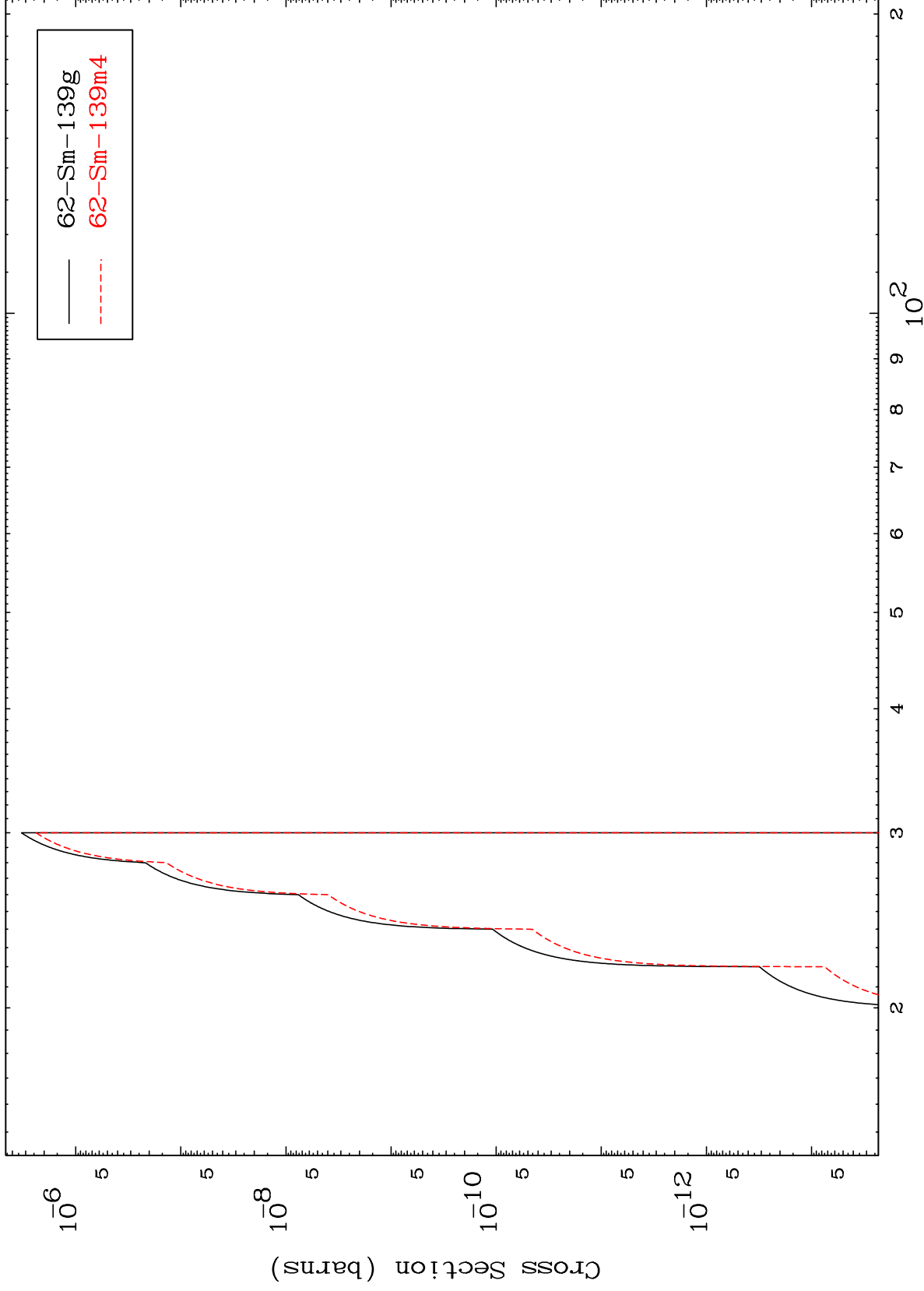
63-Eu-142

MAT 6298

(p,n') He-3

63-Eu-142

Radionuclide Production Cross Section



13

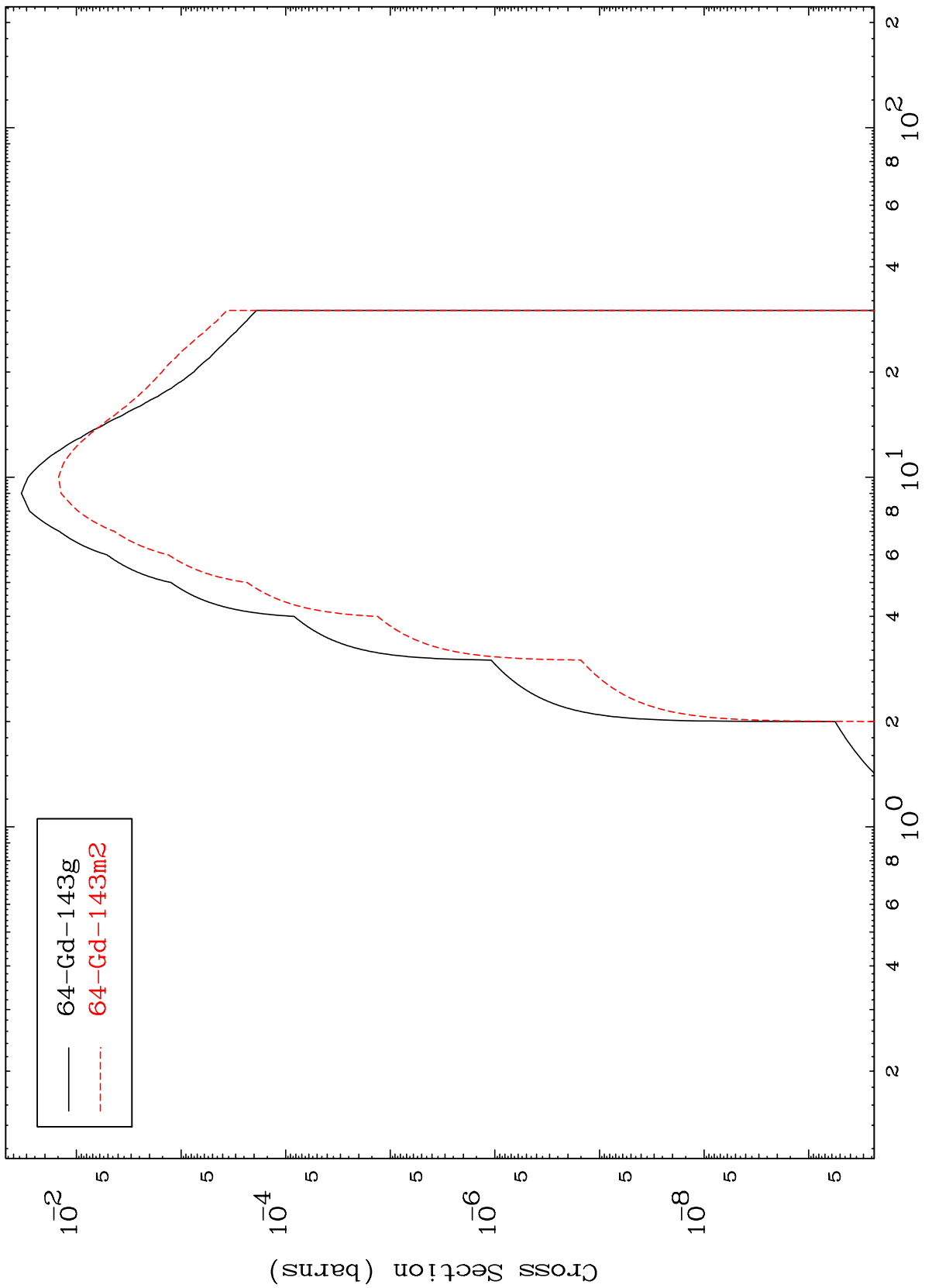
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

(p, γ)
Radionuclide Production Cross Section



14

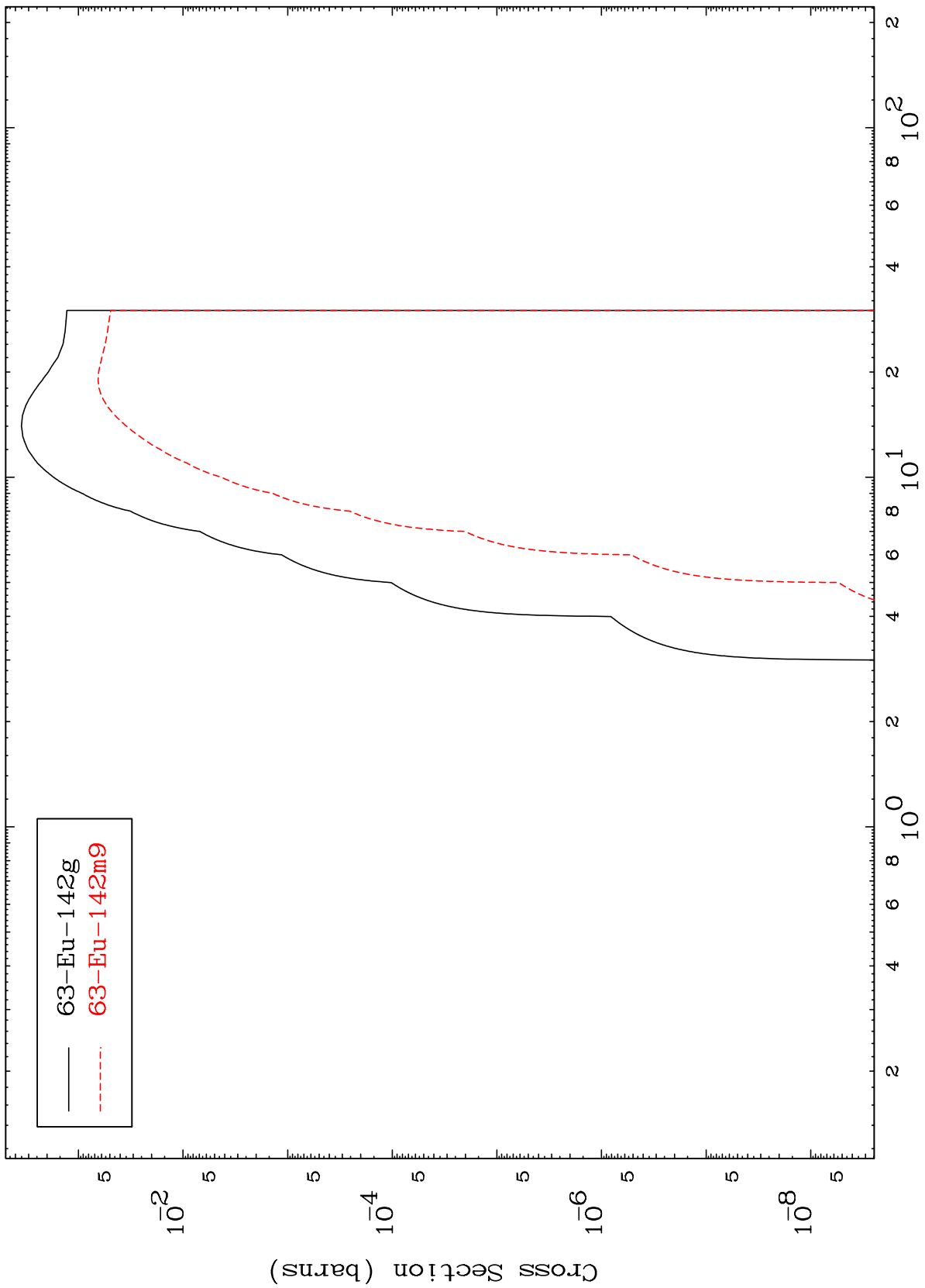
63-Eu-142

Incident Energy (MeV)

MAT 6298

63-Eu-142

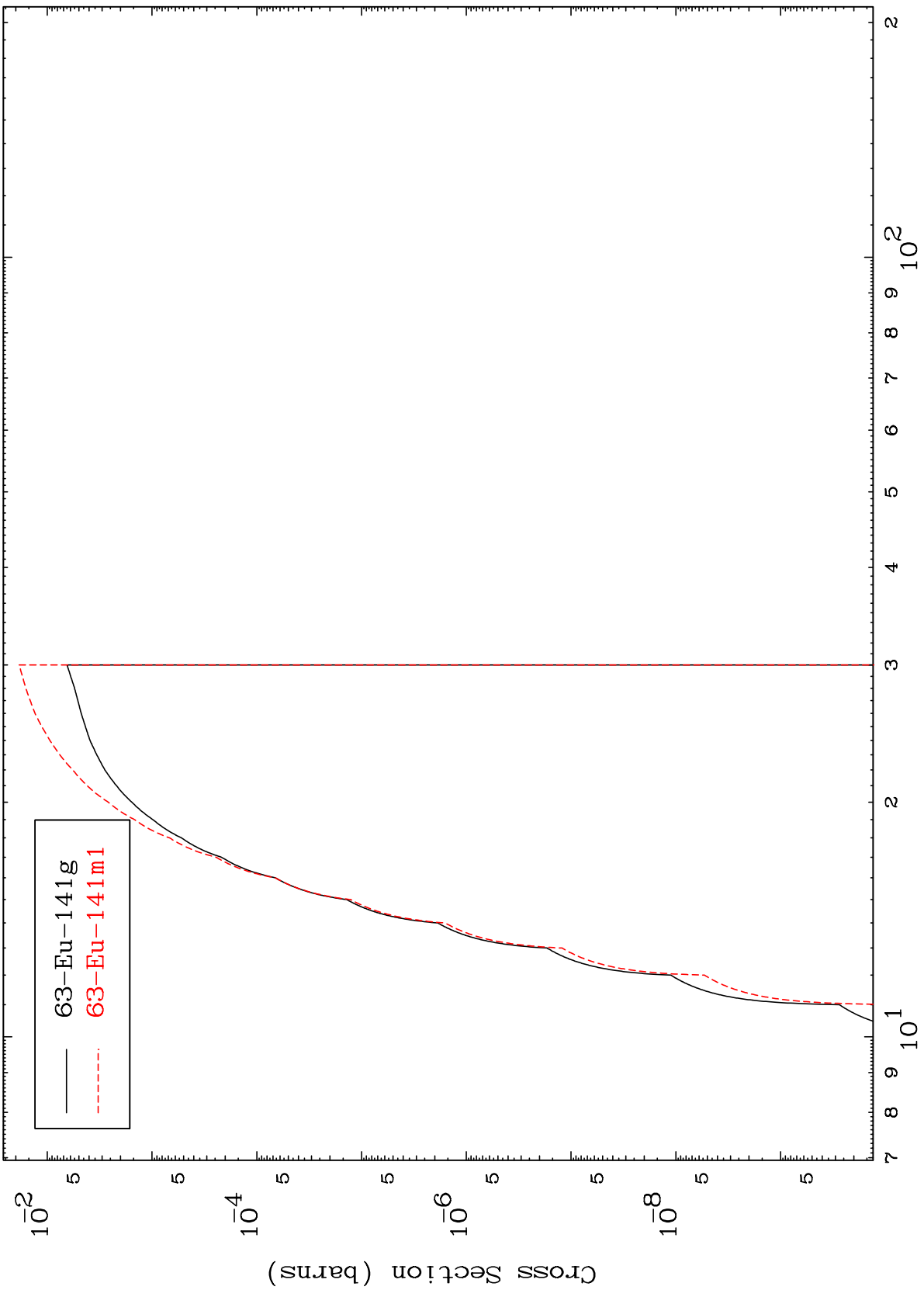
(p,p)
Radionuclide Production Cross Section



MAT 6298

63-Eu-142

(p,d)
Radionuclide Production Cross Section



16

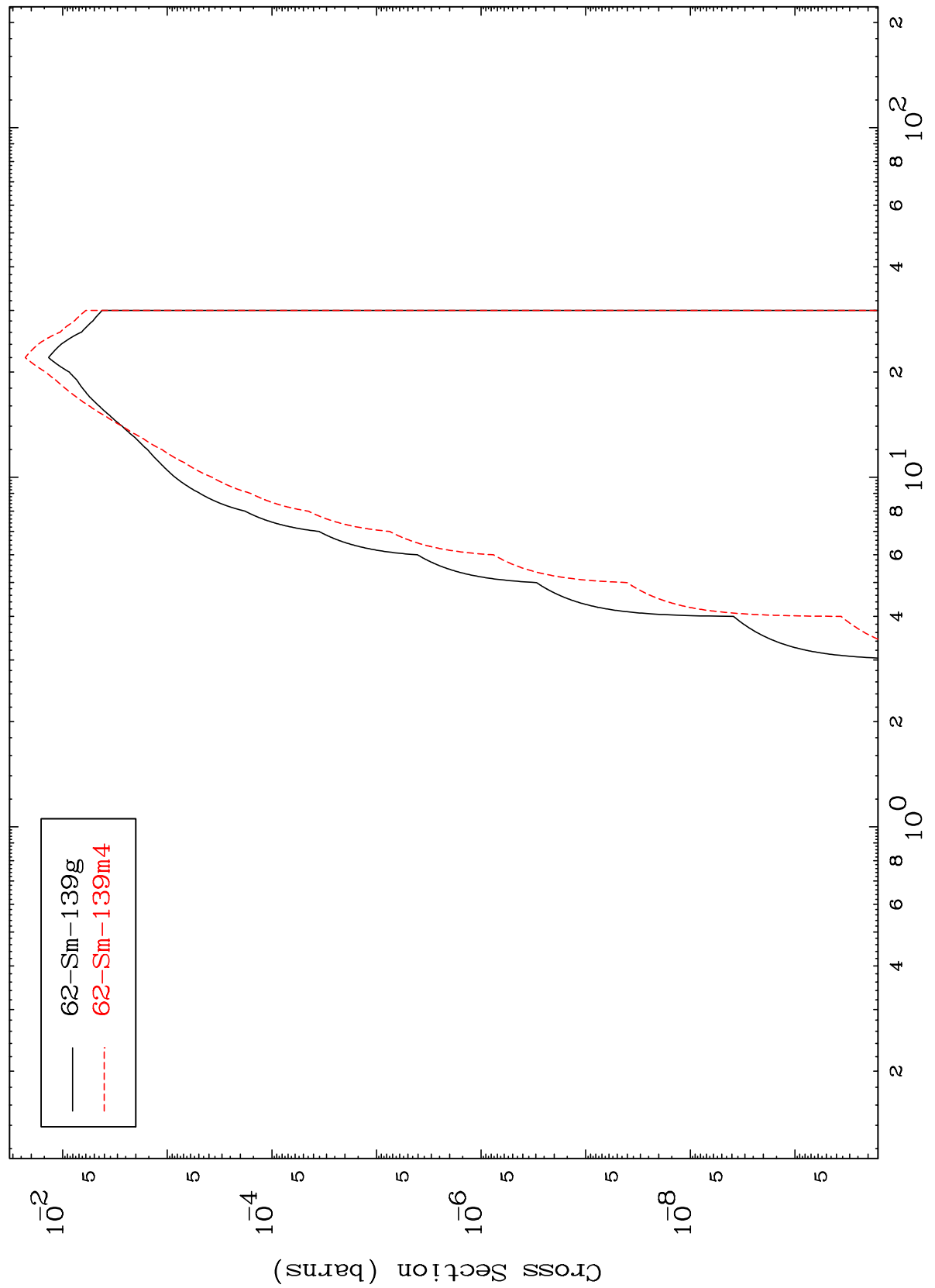
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

Radionuclide Production Cross Section
(p, α)

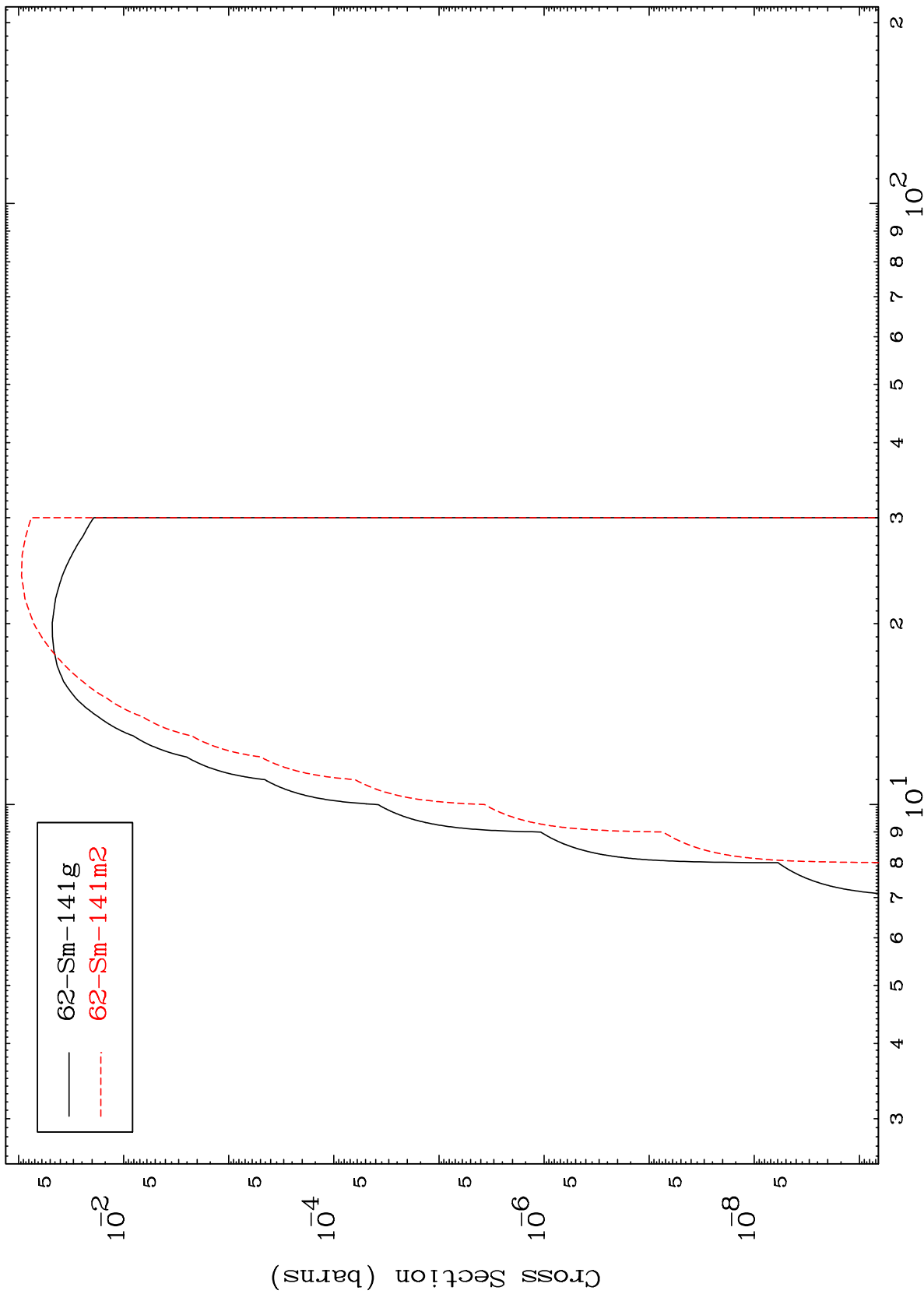


— 62-Sm-139g
- - - 62-Sm-139m4

MAT 6298

63-Eu-142

(p,2p)
Radionuclide Production Cross Section



62-Sm-141g
62-Sm-141m2

18

Incident Energy (MeV)

63-Eu-142

MAT 6298

(p,p) α

63-Eu-142

