

Program EVALPLOT
(Version 2017-1)

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

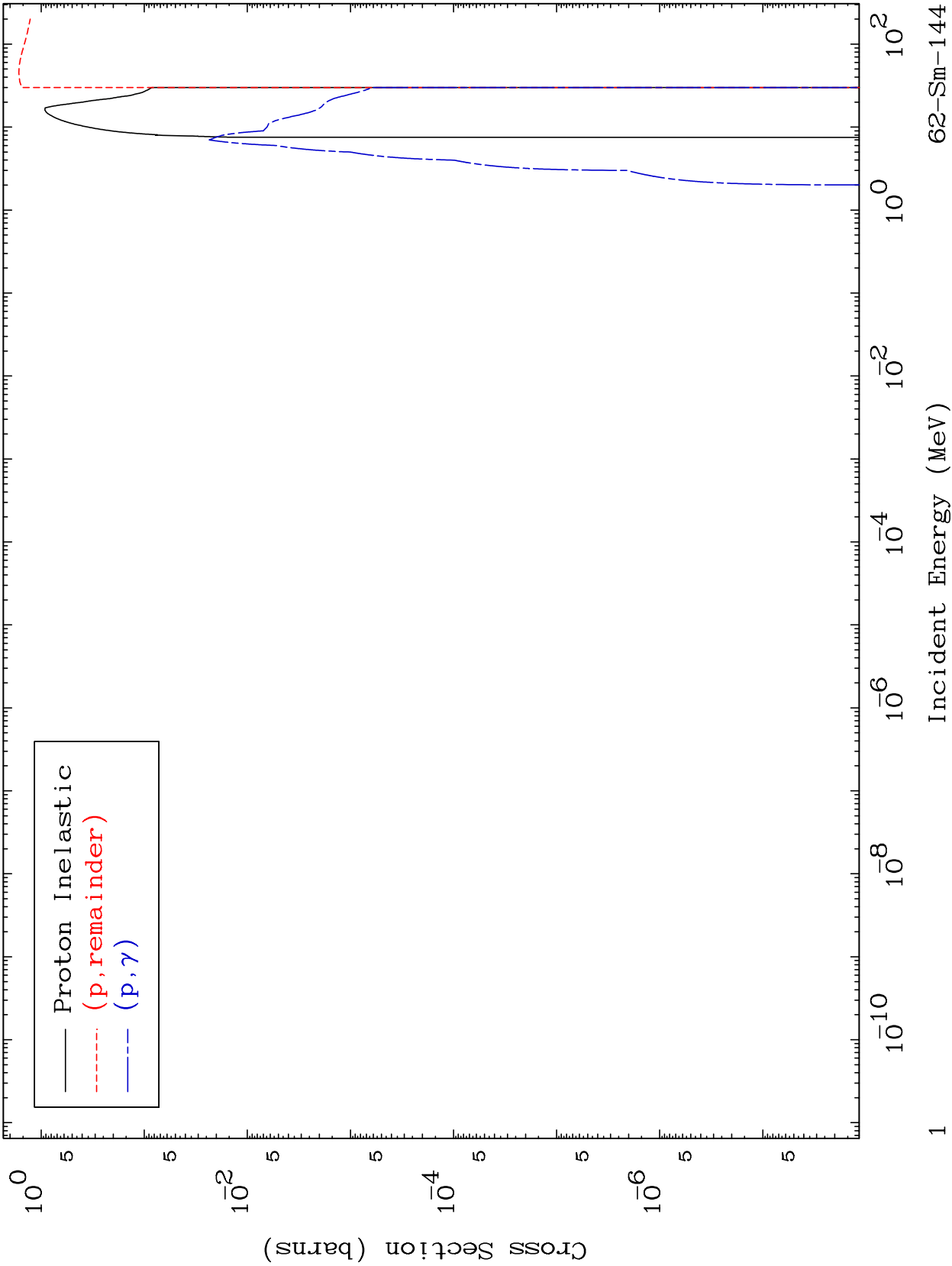
Web:redcullen1.net/HOMEPAGE.NEW

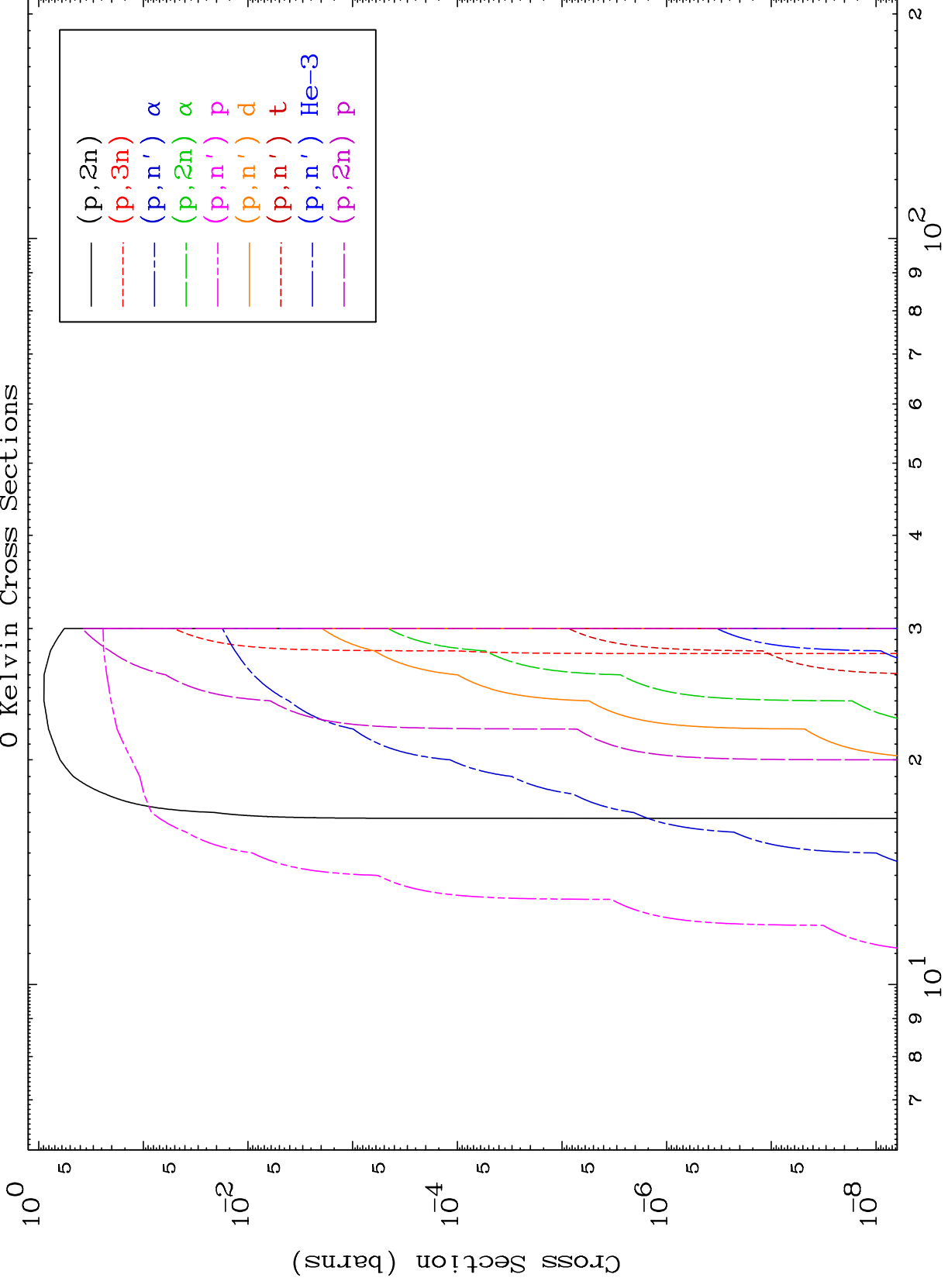
Press Mouse Button to Start

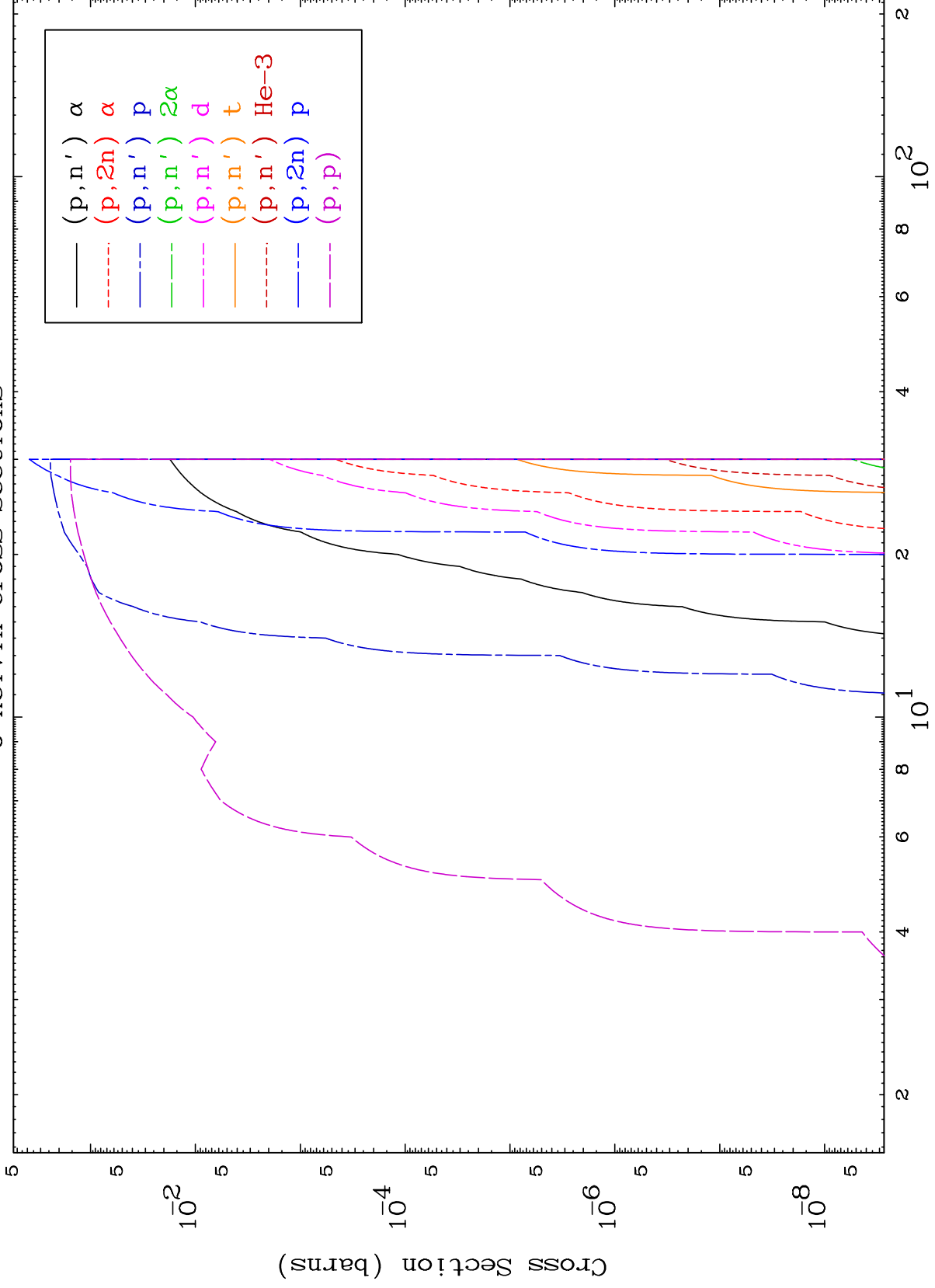
MAT 6225

Proton Major
0 Kelvin Cross Sections

62-Sm-144



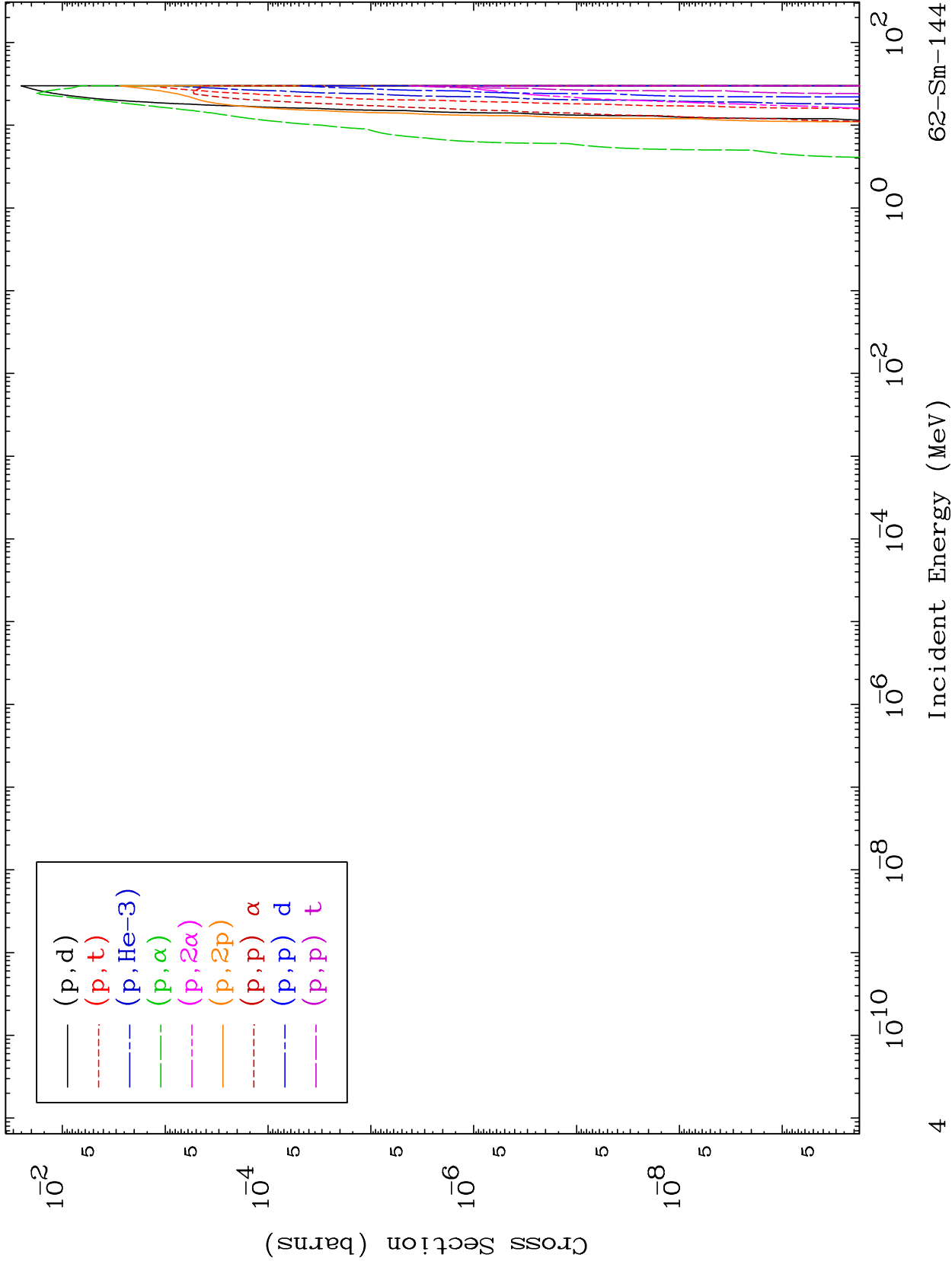




MAT 6225

Proton Charged Particle
0 Kelvin Cross Sections

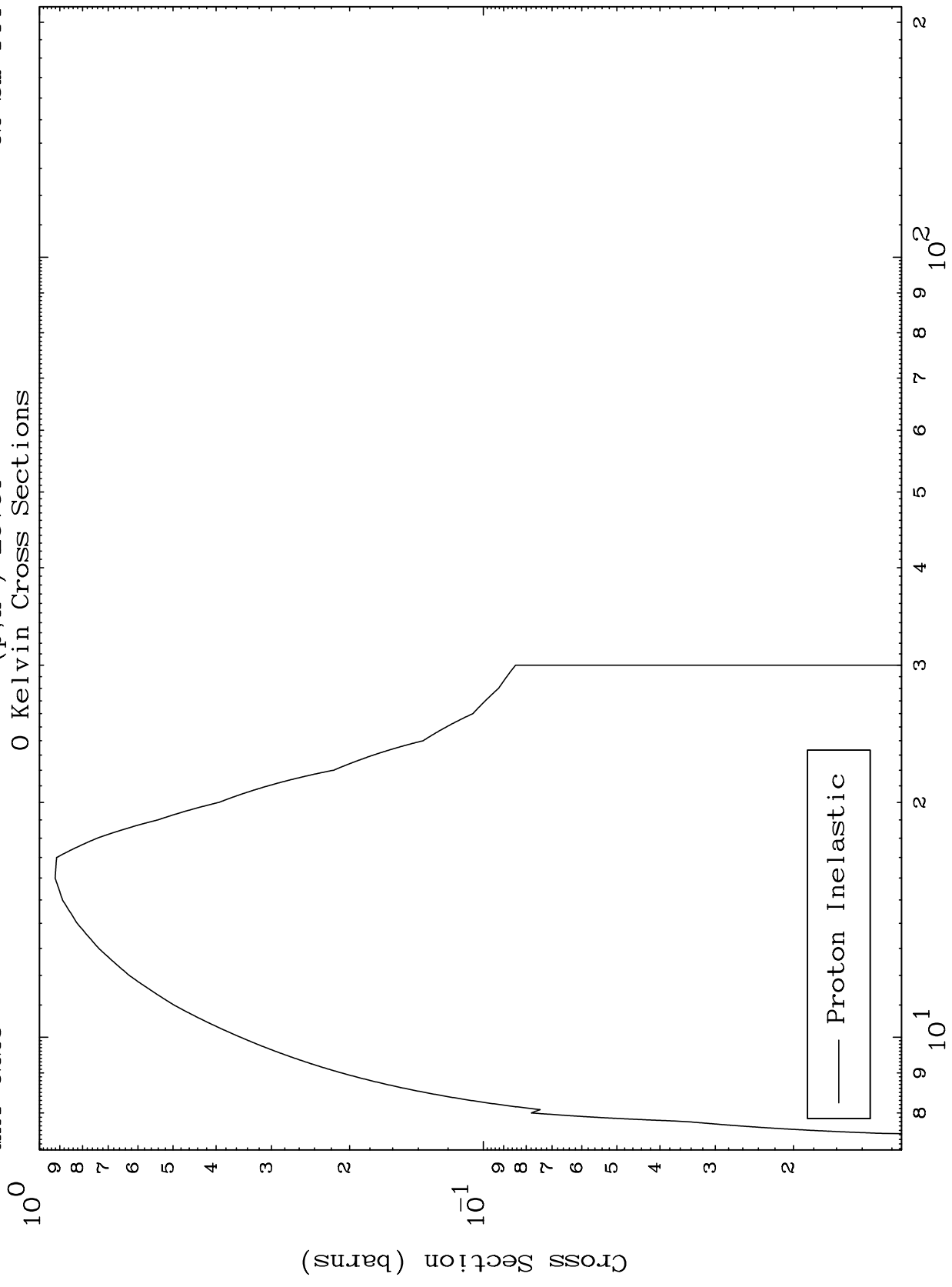
62-Sm-144



MAT 6225

62-Sm-144

(p,n') Level
0 Kelvin Cross Sections



— Proton Inelastic

62-Sm-144

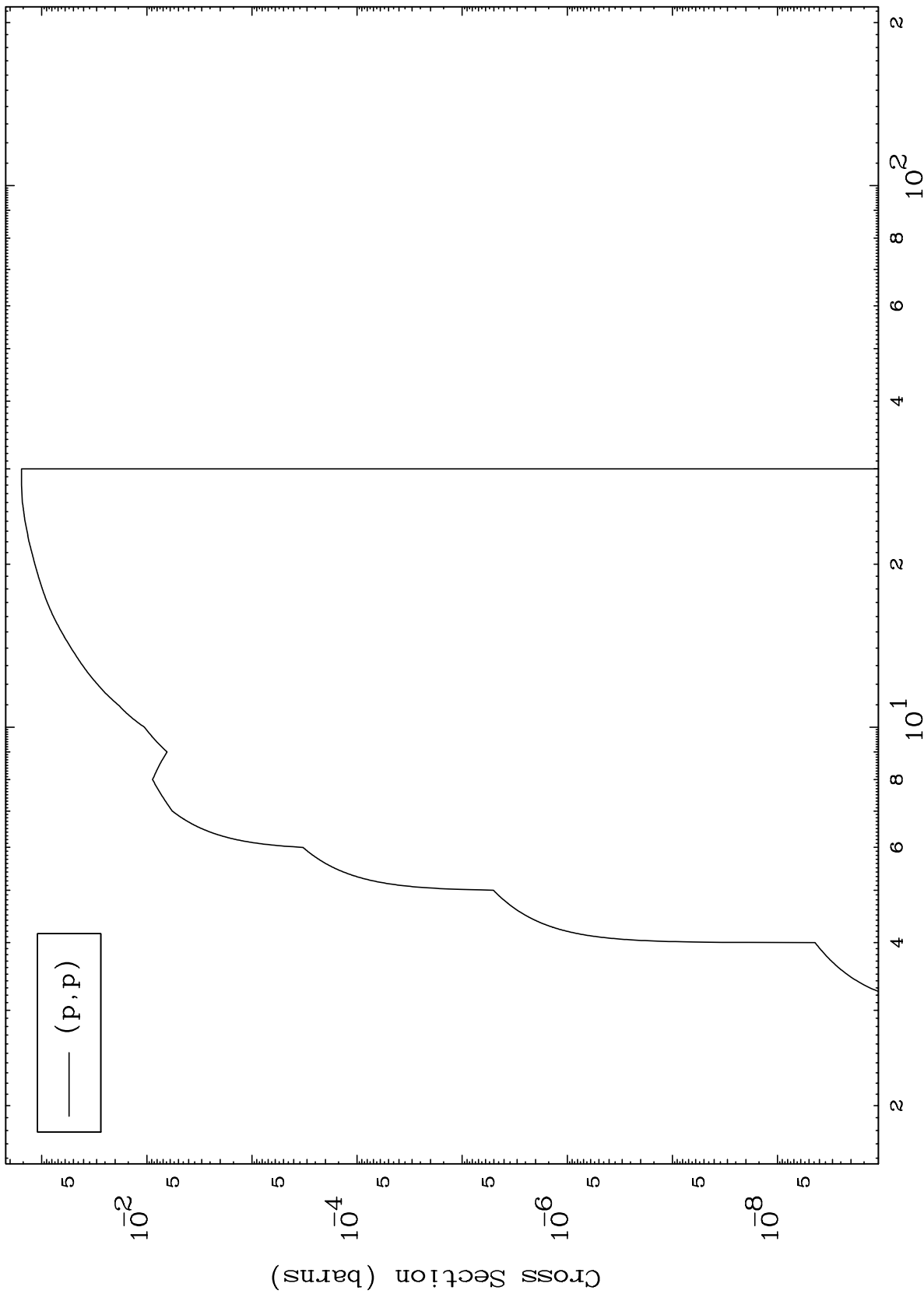
Incident Energy (MeV)

5

MAT 6225

62-Sm-144

(p,p) Levels
0 Kelvin Cross Sections



62-Sm-144

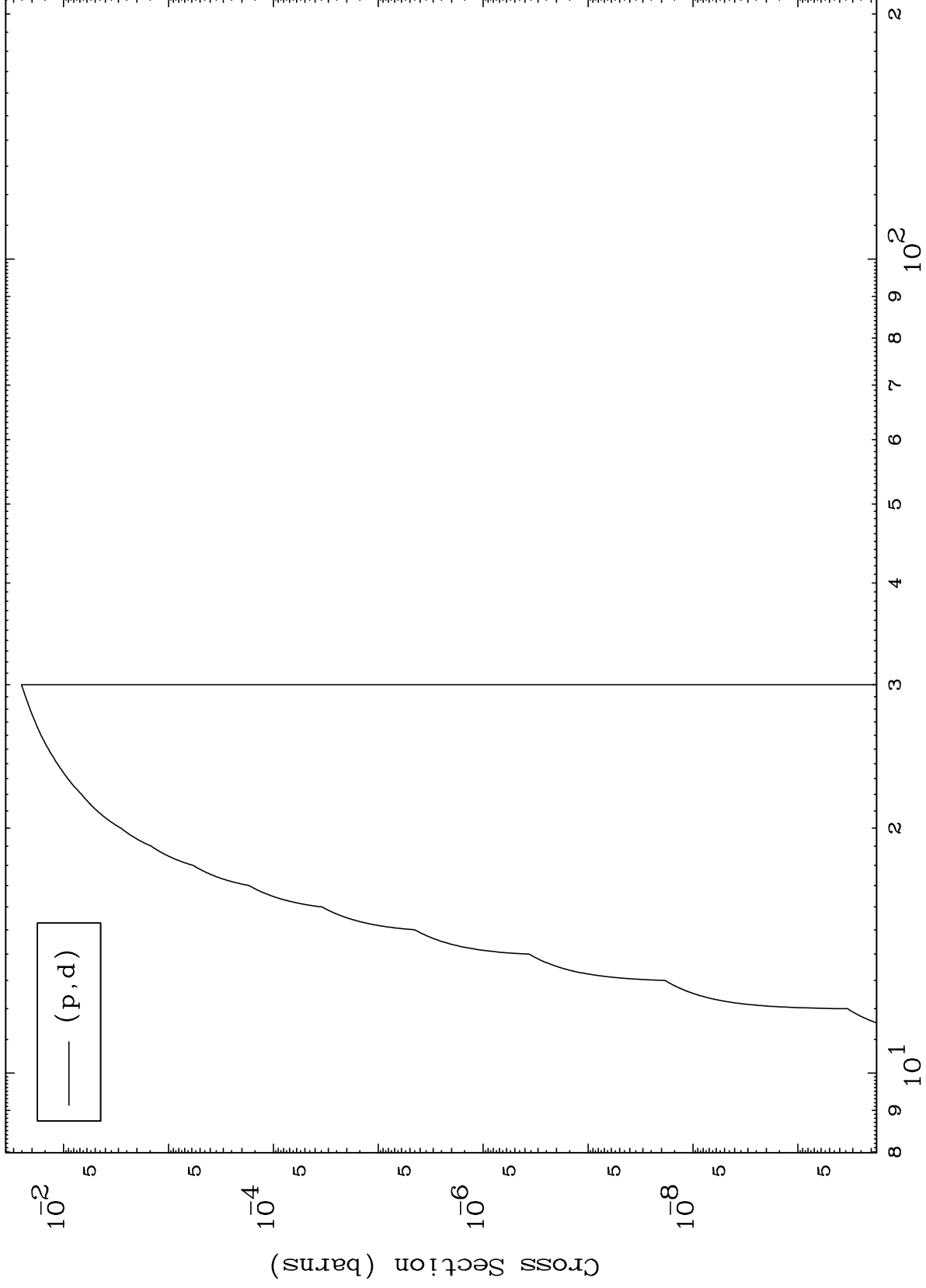
Incident Energy (MeV)

6

MAT 6225

(p,d) Levels
0 Kelvin Cross Sections

62-Sm-144



7

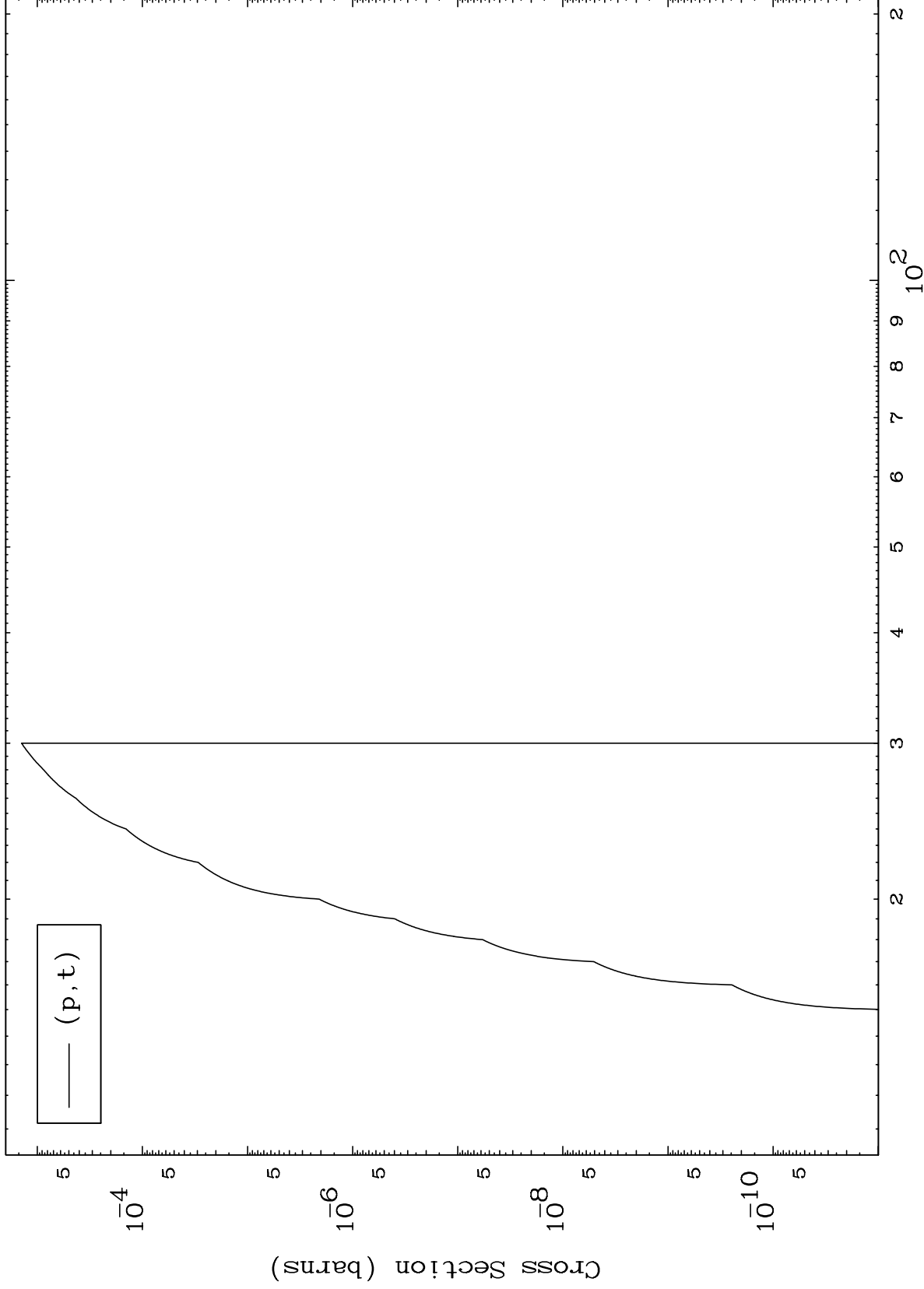
Incident Energy (MeV)

62-Sm-144

MAT 6225

(p,t) Levels
0 Kelvin Cross Sections

62-Sm-144



8

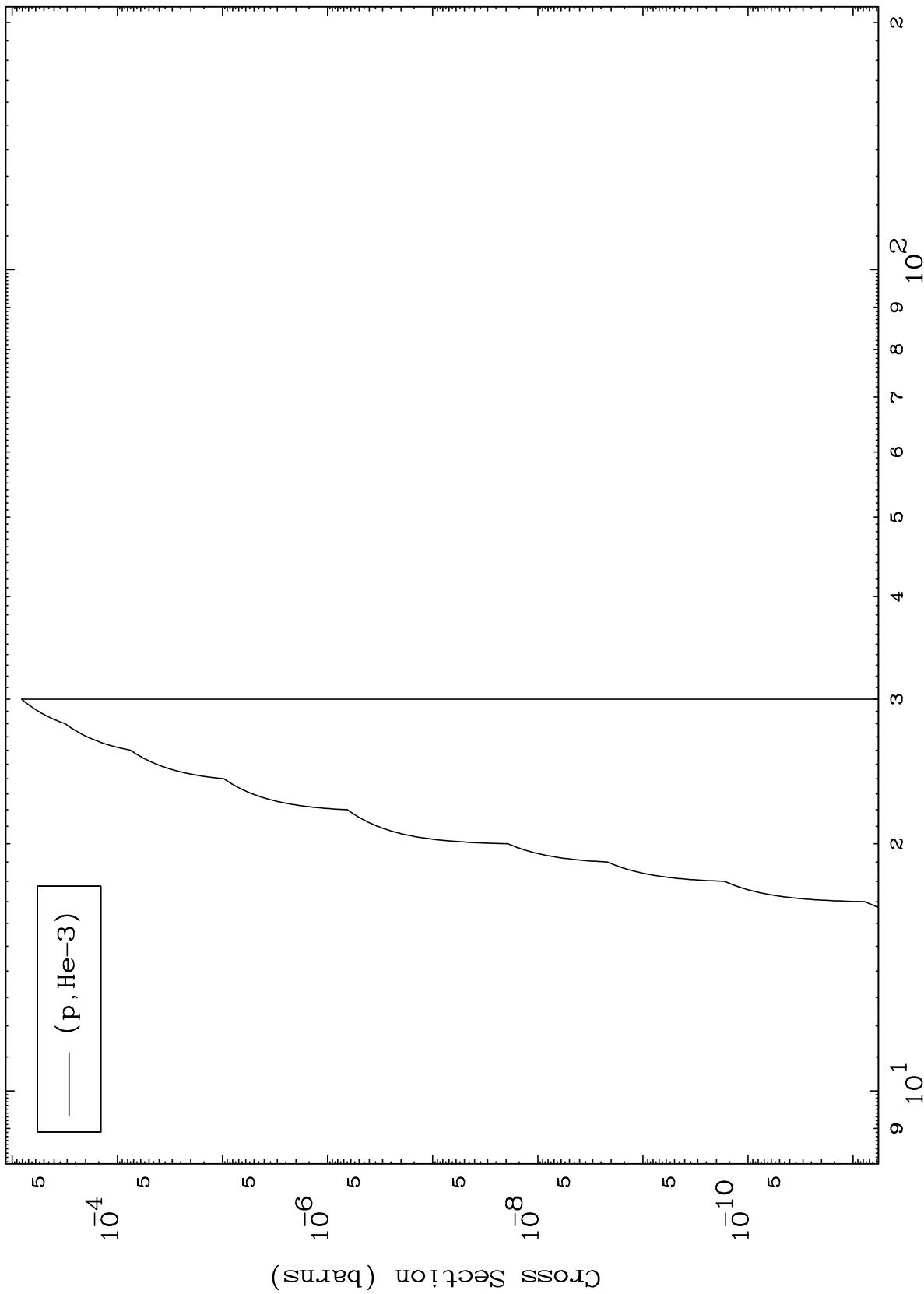
Incident Energy (MeV)

62-Sm-144

MAT 6225

62-Sm-144

(p,He3) Levels
0 Kelvin Cross Sections



62-Sm-144

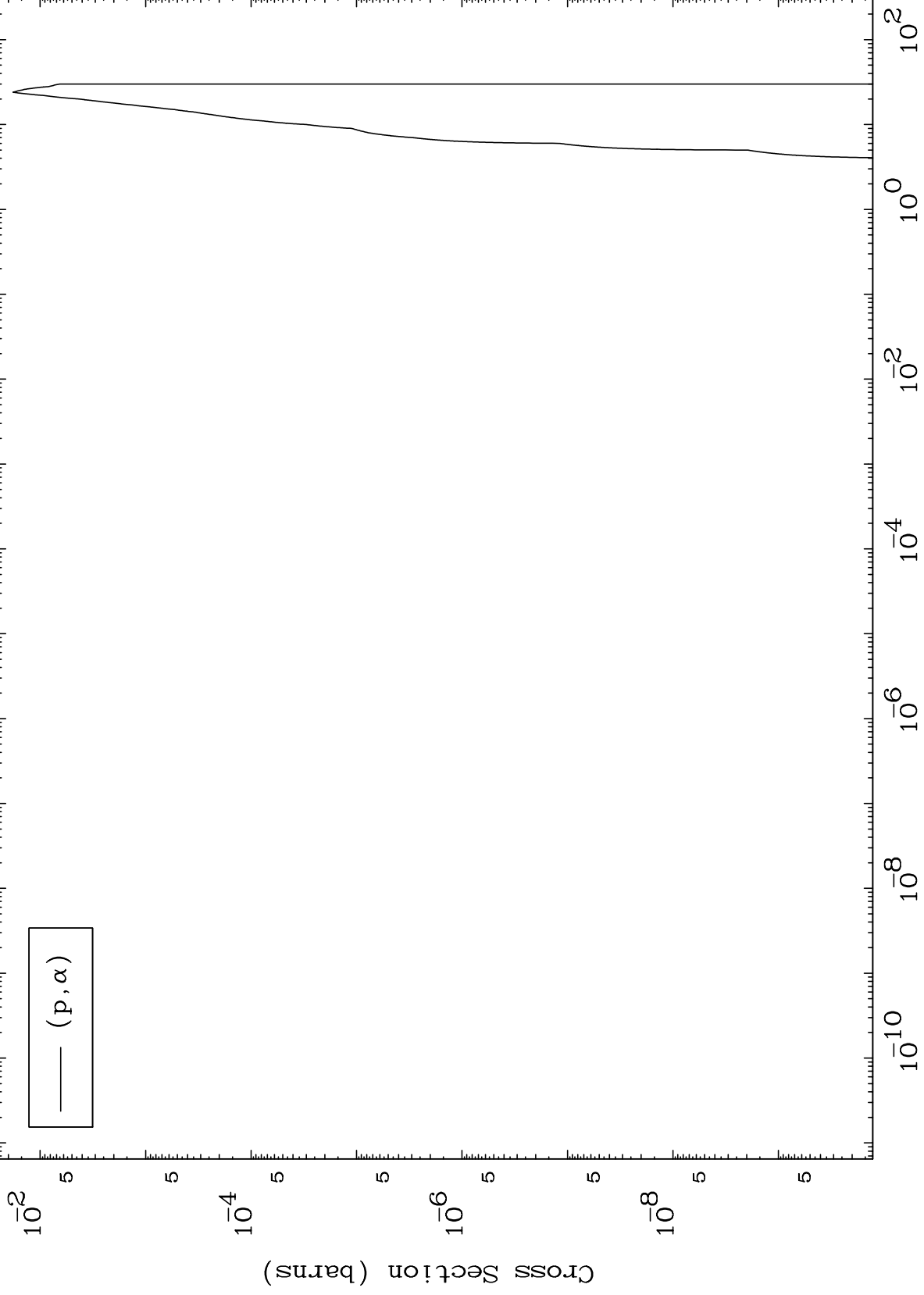
Incident Energy (MeV)

9 10¹

MAT 6225

(p, α) Levels
0 Kelvin Cross Sections

62-Sm-144



10

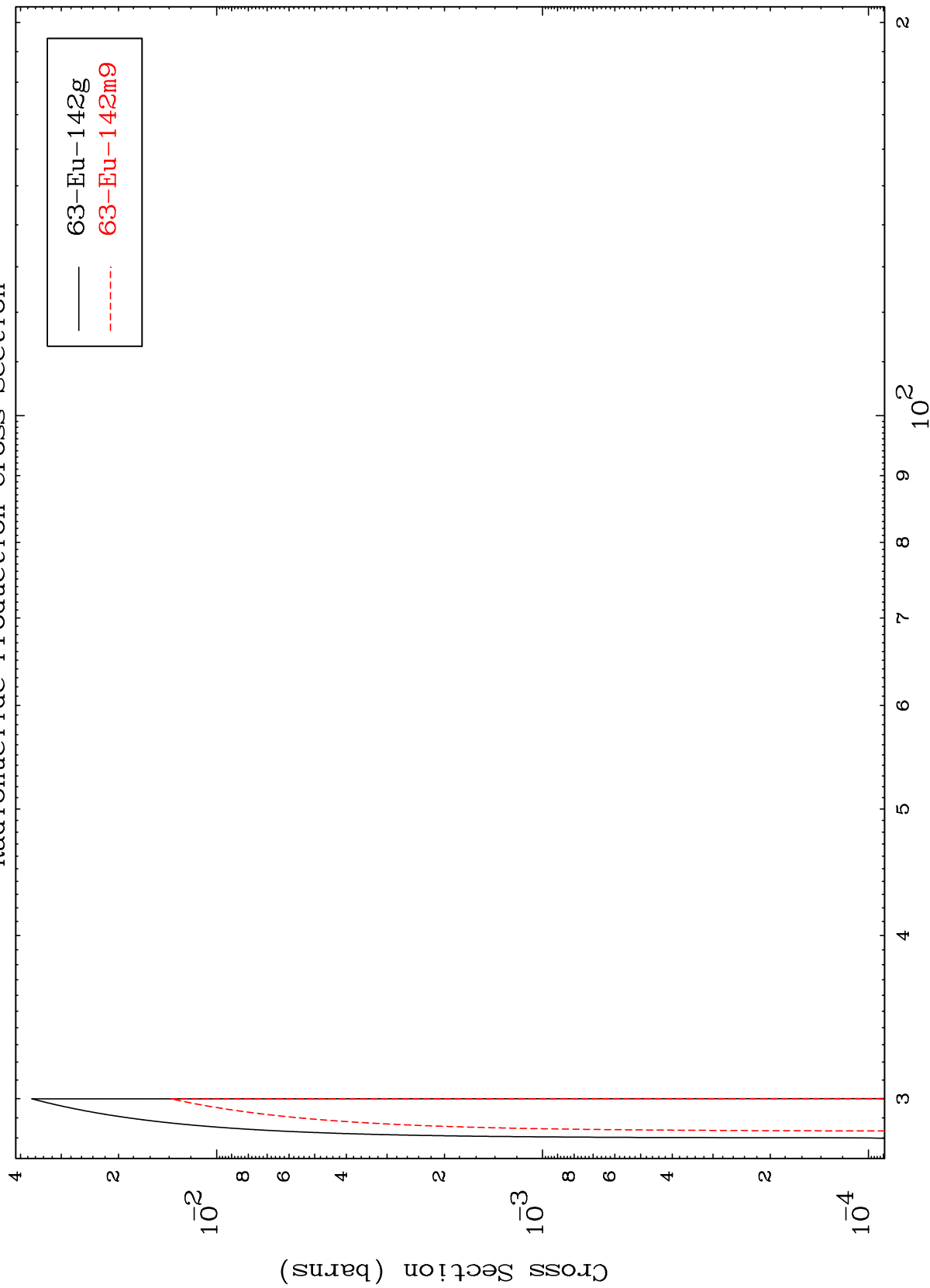
Incident Energy (MeV)

62-Sm-144

MAT 6225

62-Sm-144

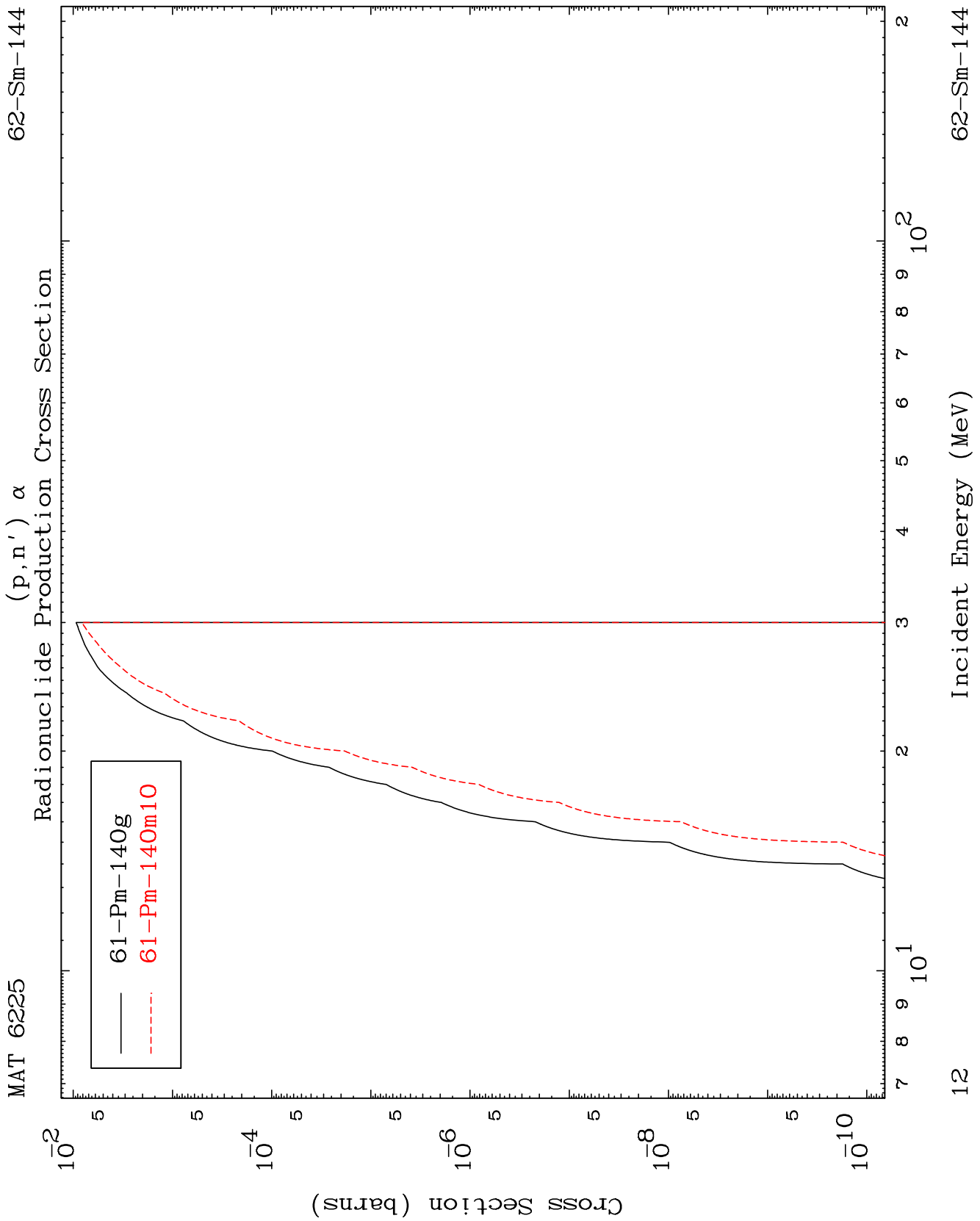
(p,3n)
Radionuclide Production Cross Section



62-Sm-144

Incident Energy (MeV)

11

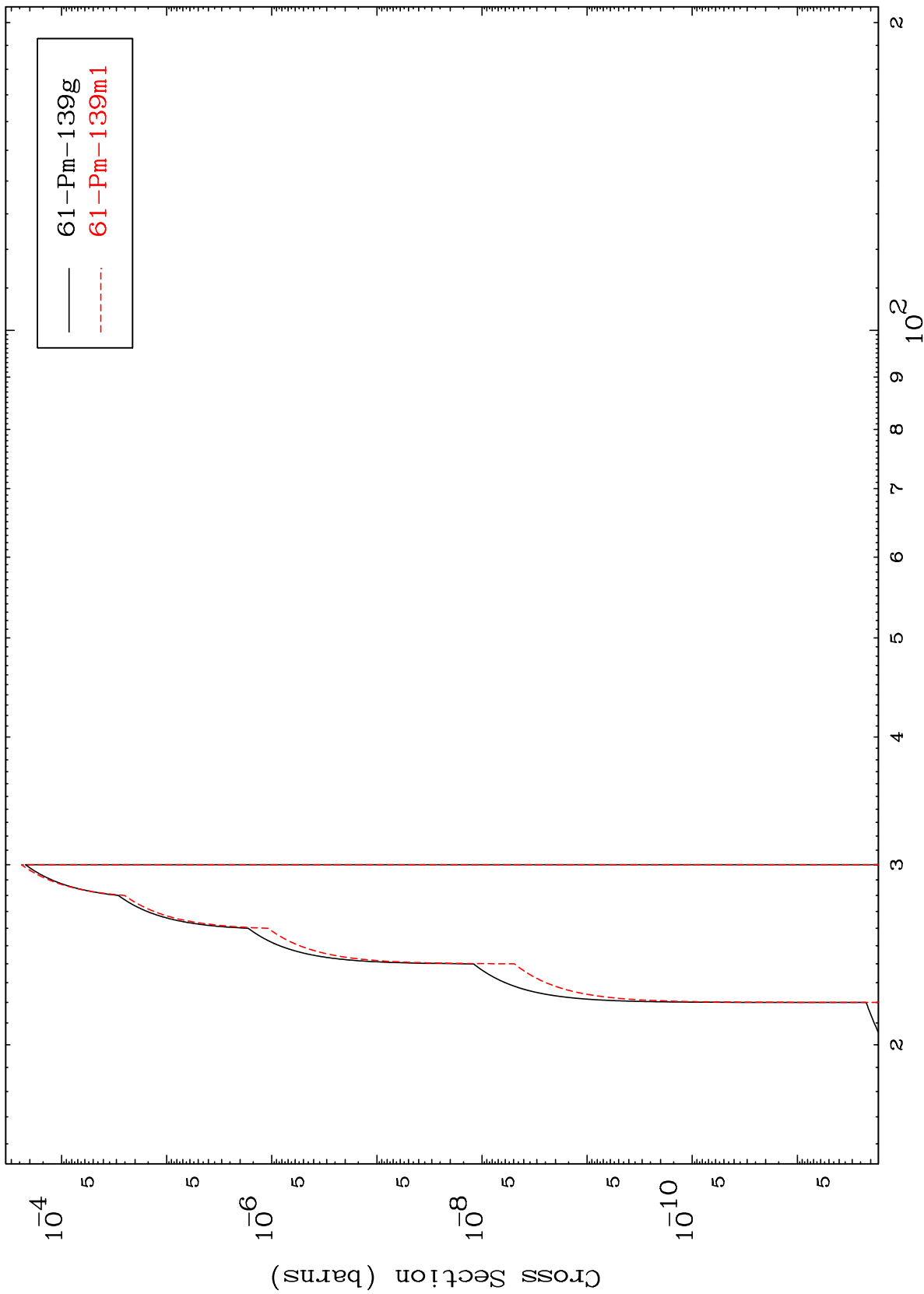


MAT 6225

(p,2n) α

62-Sm-144

Radionuclide Production Cross Section



13

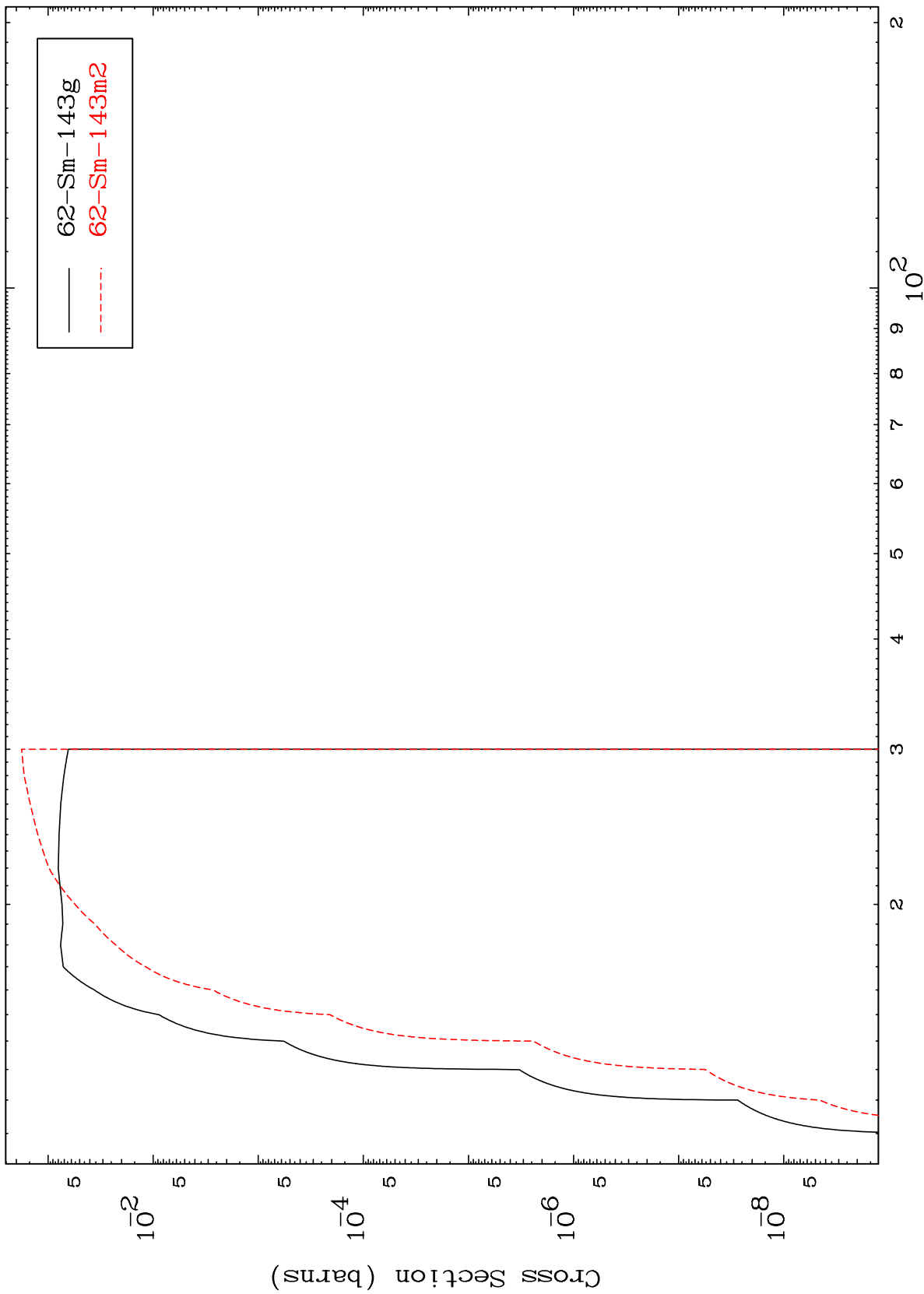
Incident Energy (MeV)

62-Sm-144

MAT 6225

62-Sm-144

(p,n') p
Radionuclide Production Cross Section



62-Sm-144

Incident Energy (MeV)

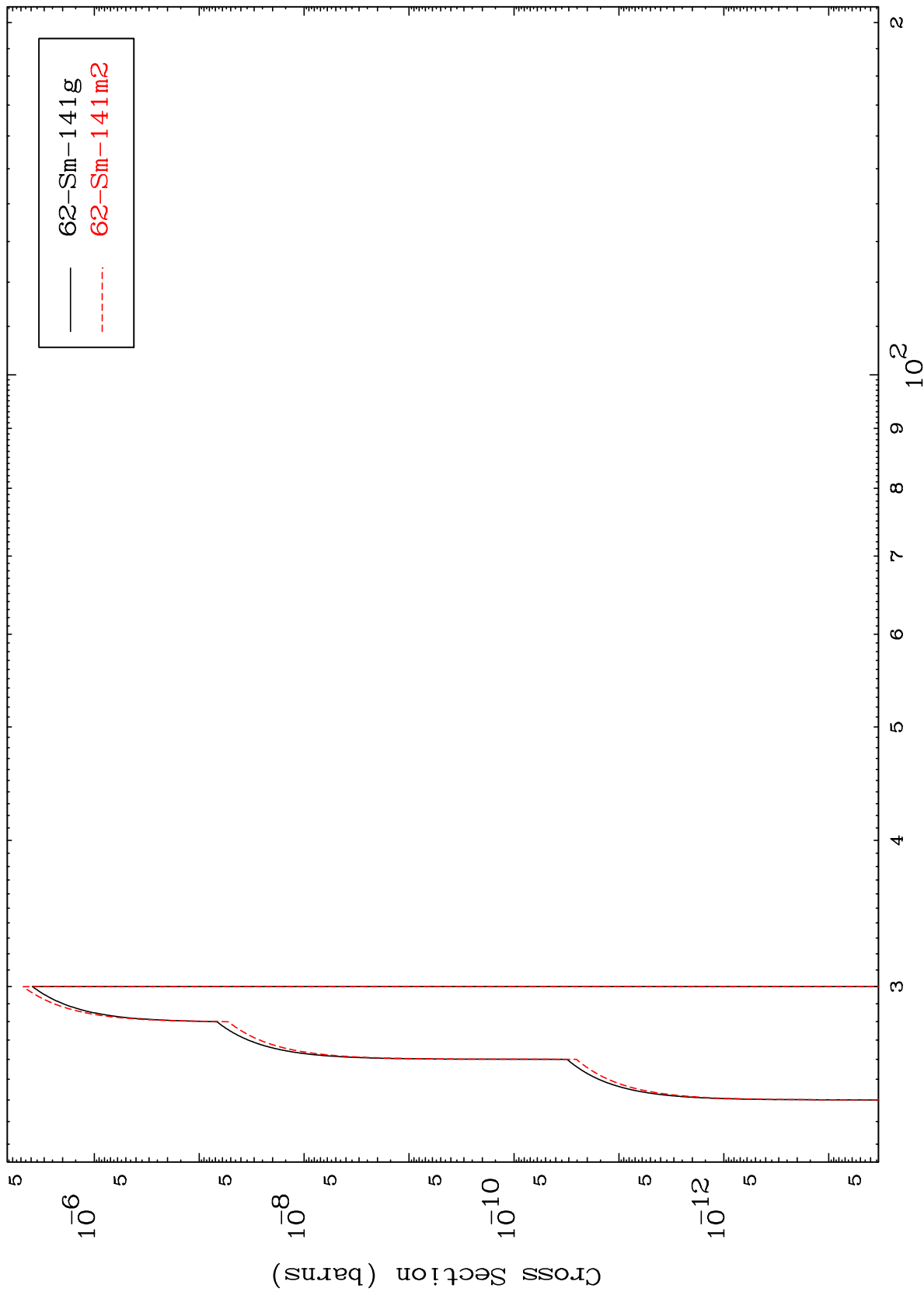
14

MAT 6225

(p,n') t

62-Sm-144

Radionuclide Production Cross Section



15

Incident Energy (MeV)

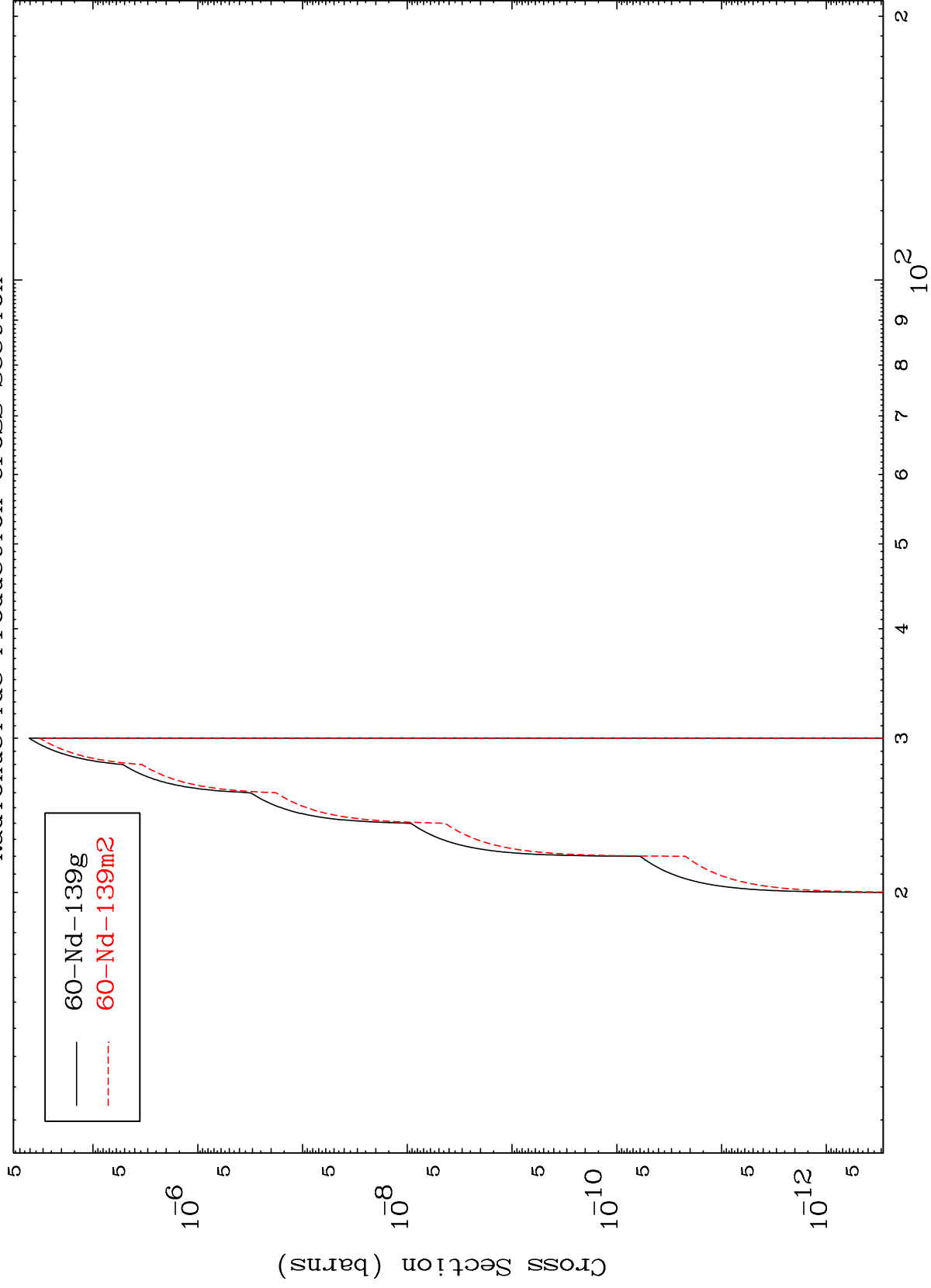
62-Sm-144

MAT 6225

(p,n') p α

62-Sm-144

Radionuclide Production Cross Section



16

Incident Energy (MeV)

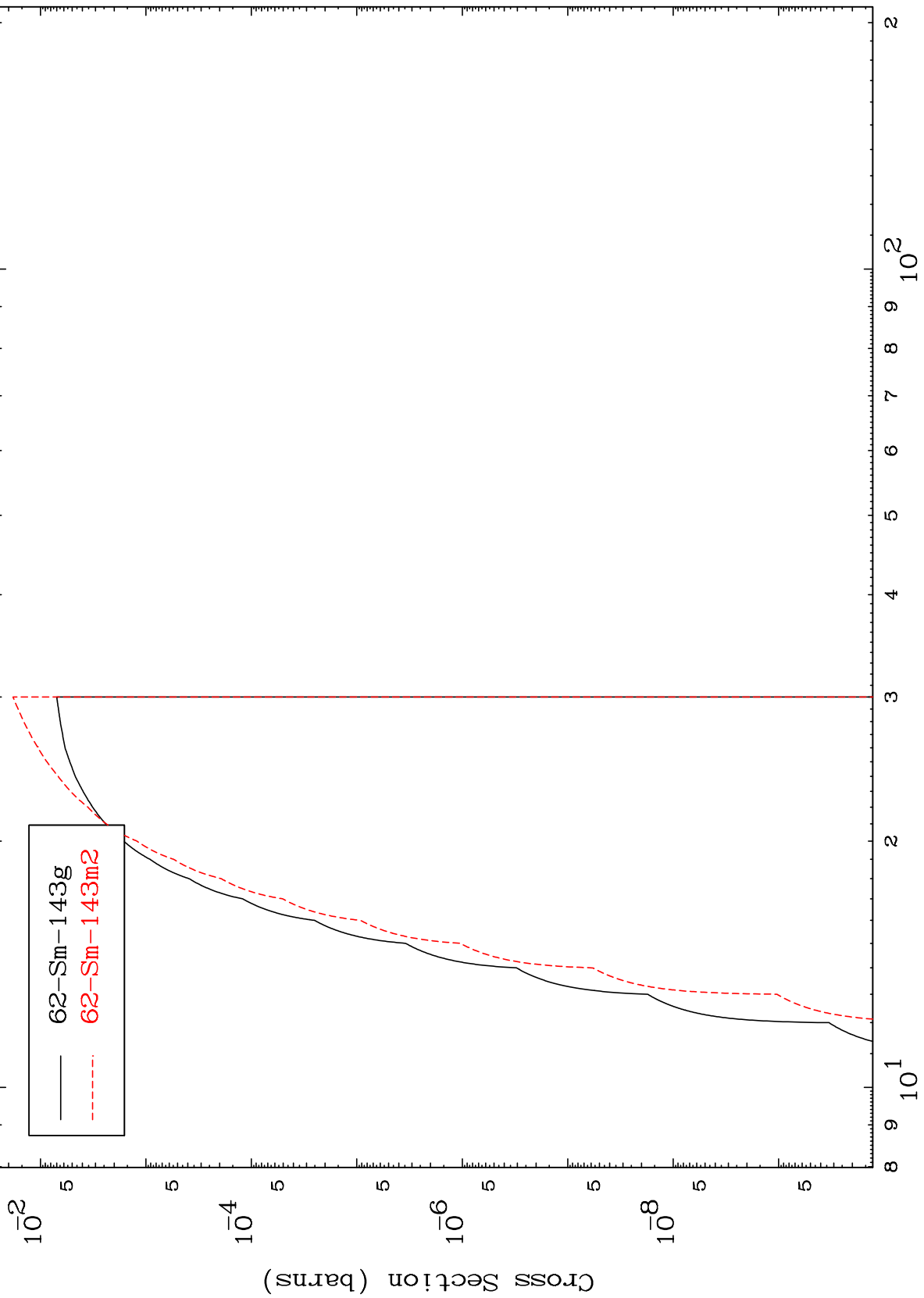
62-Sm-144

MAT 6225

(p,d)

62-Sm-144

Radionuclide Production Cross Section



17

Incident Energy (MeV)

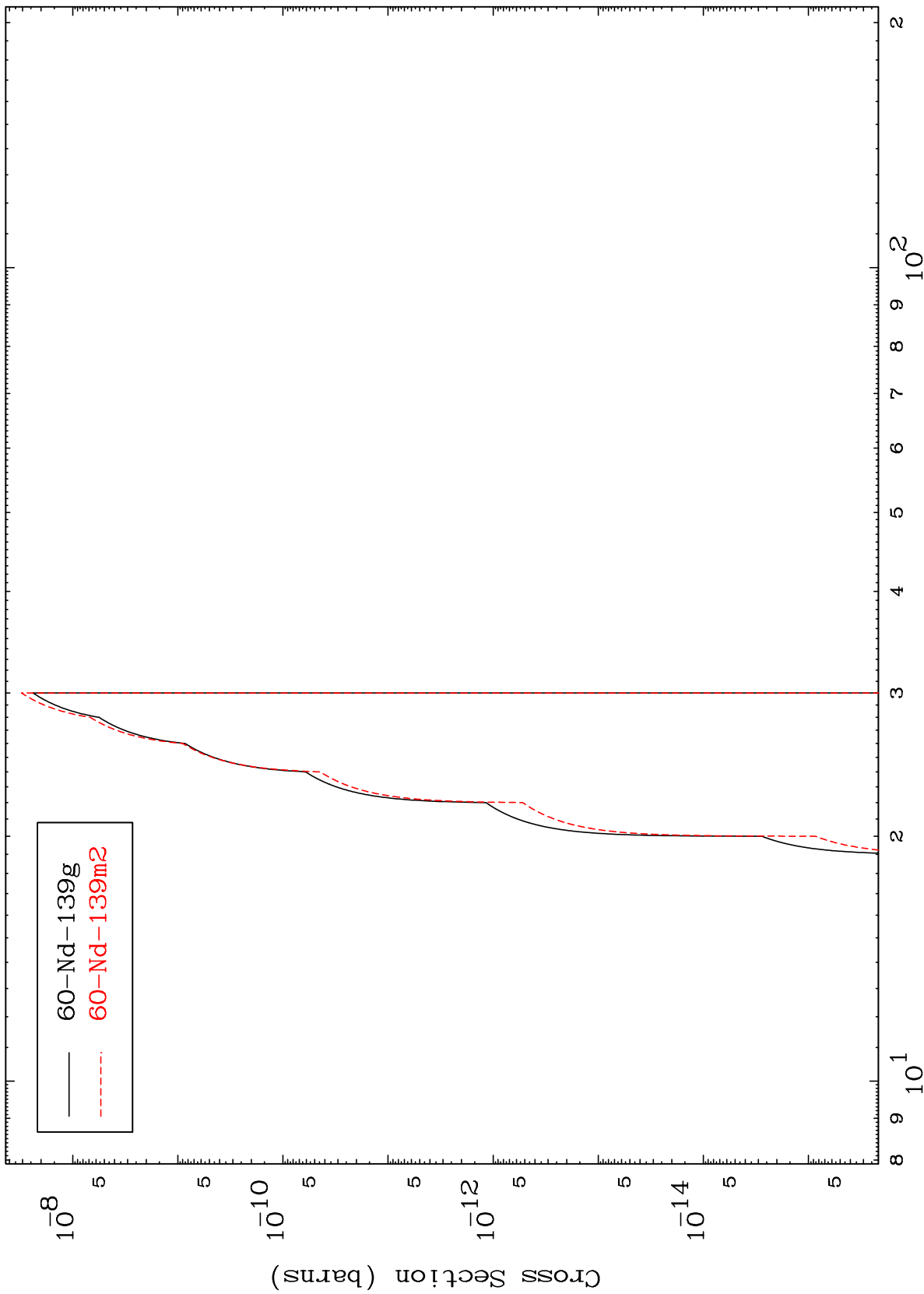
62-Sm-144

MAT 6225

(p,d) α

62-Sm-144

Radionuclide Production Cross Section



60-Nd-139g
60-Nd-139m2

18

Incident Energy (MeV)

62-Sm-144