

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

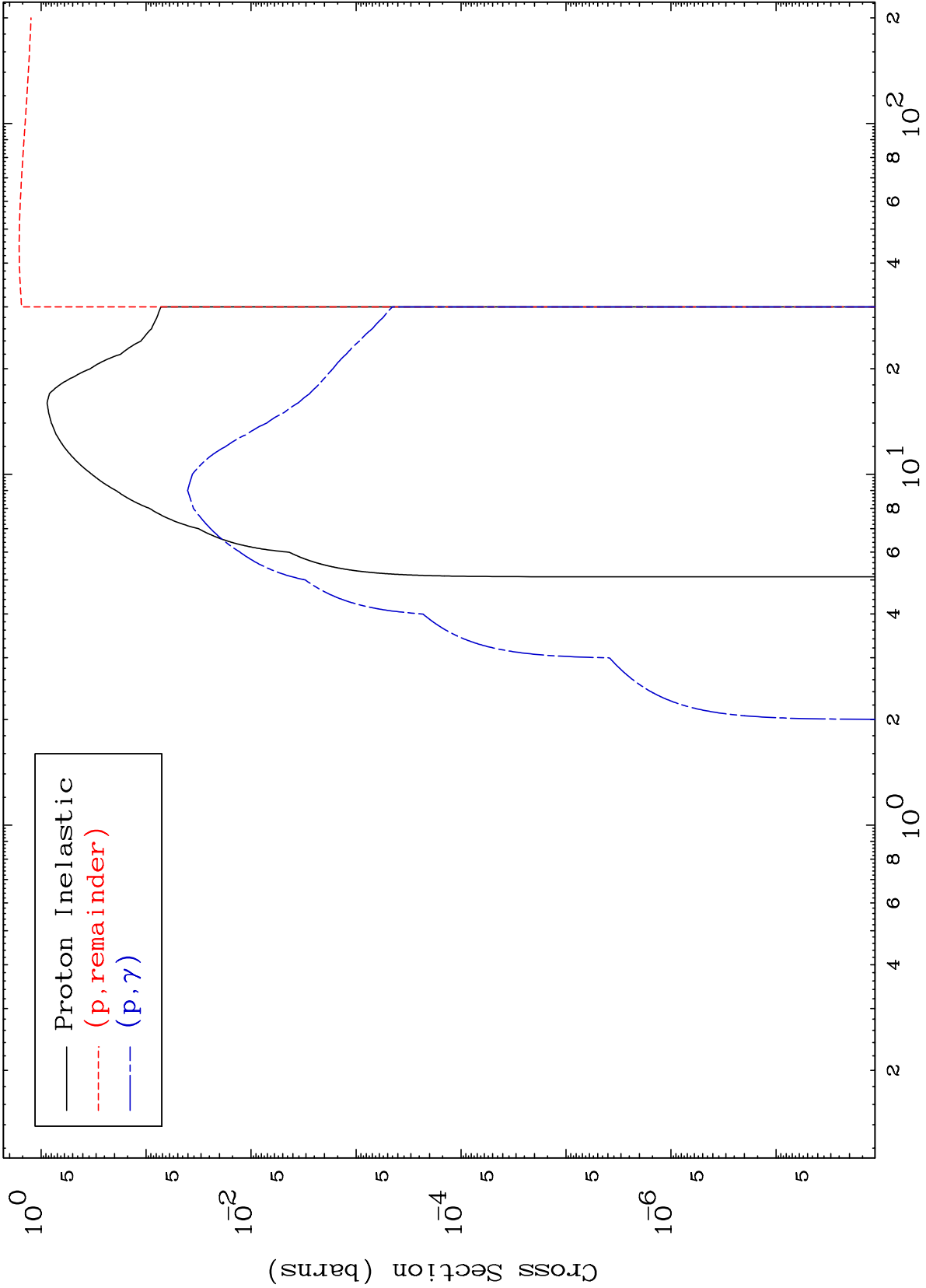
Press Mouse Button to Start

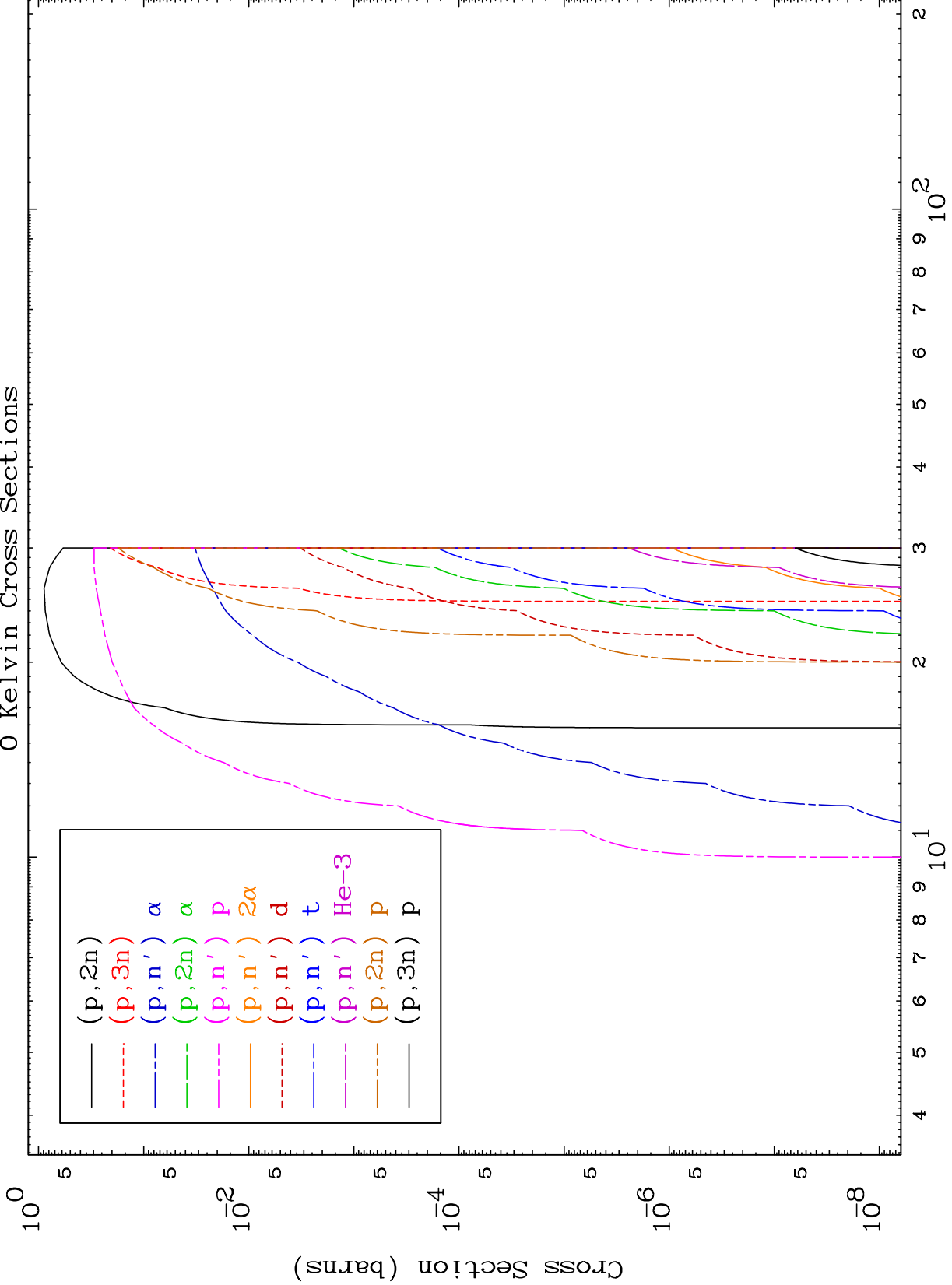
MAT 6017

Proton Major

60-Nd-139

0 Kelvin Cross Sections

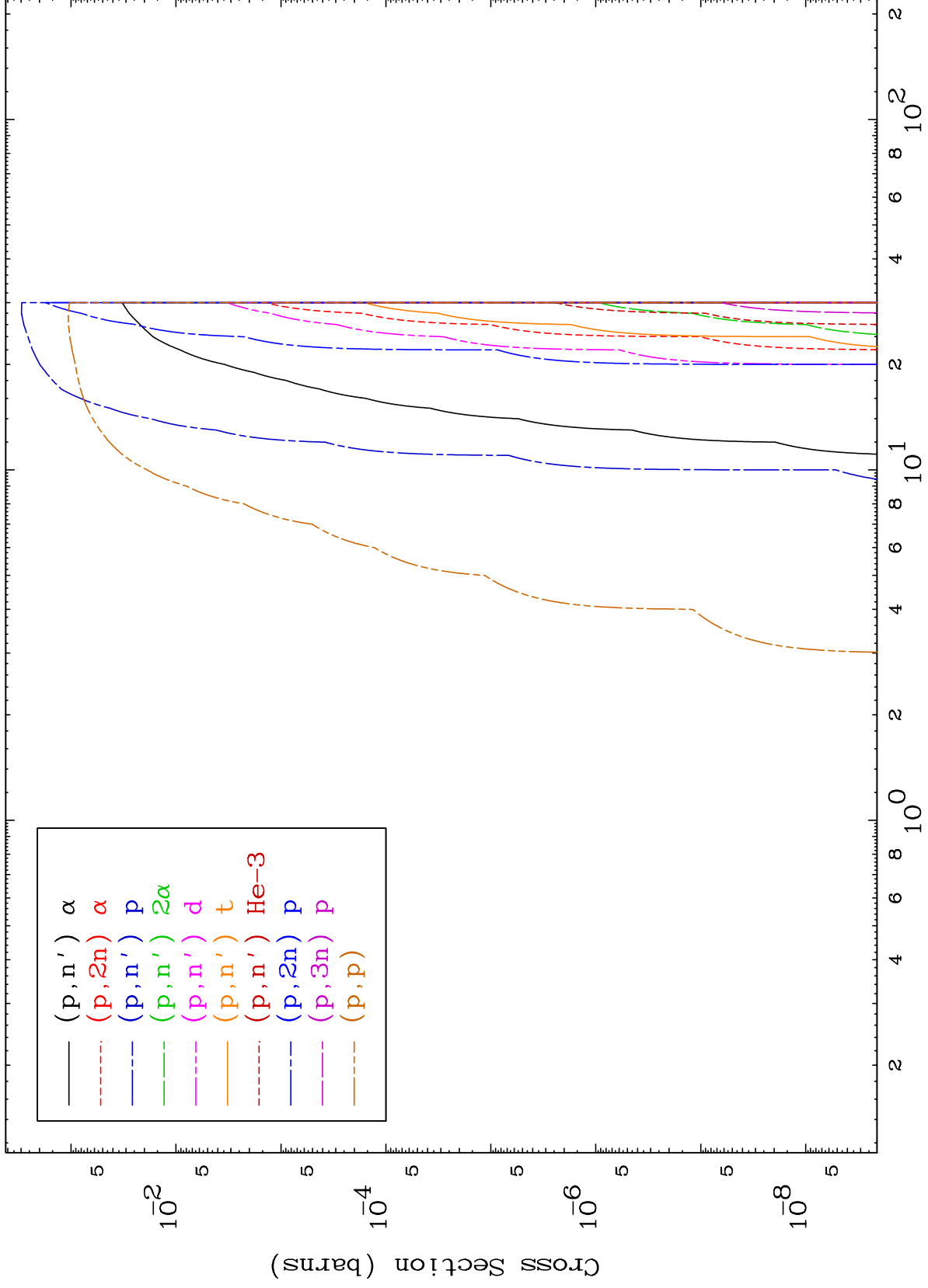




MAT 6017

Proton Charged Particle
0 Kelvin Cross Sections

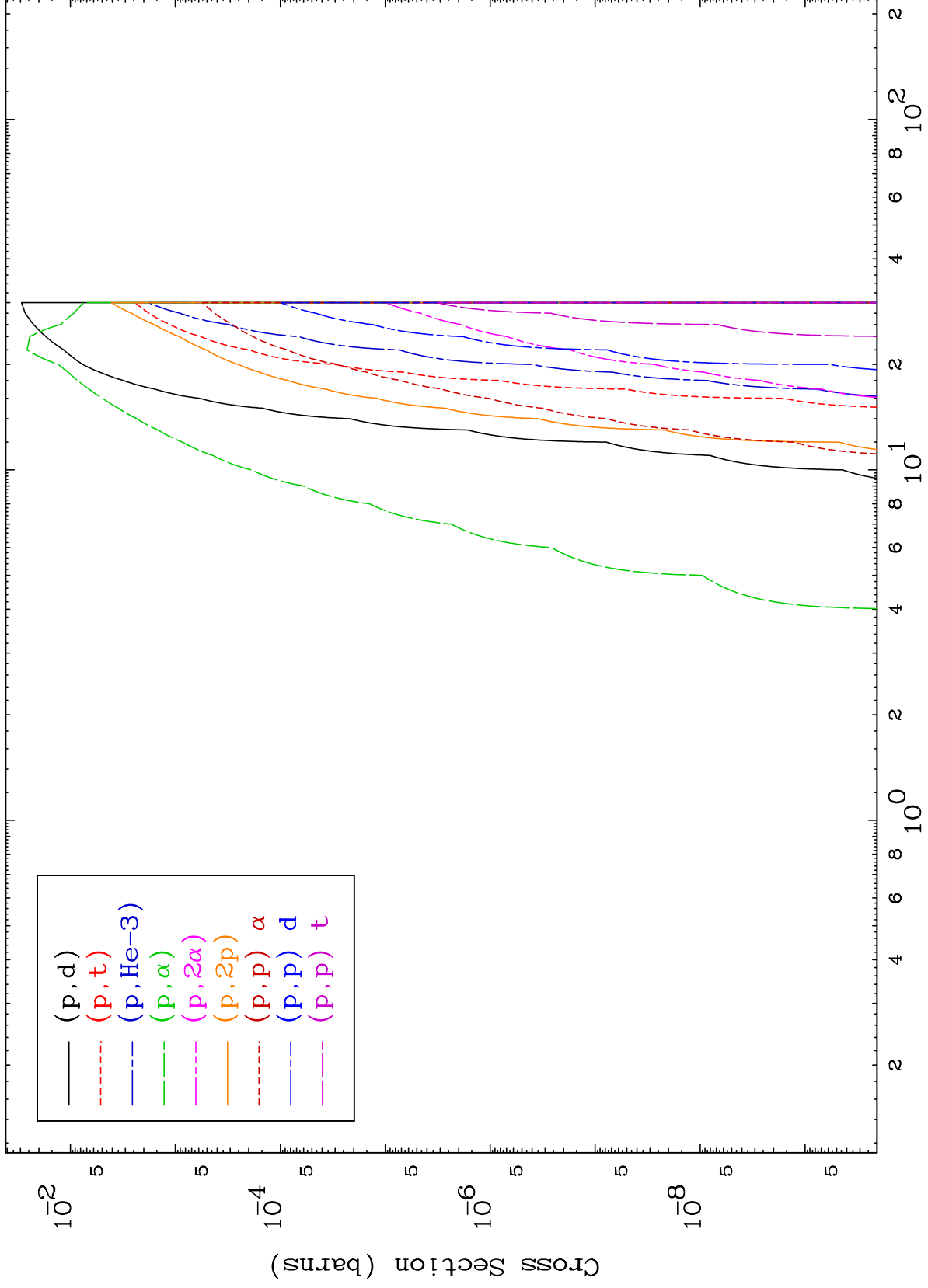
60-Nd-139



MAT 6017

Proton Charged Particle
0 Kelvin Cross Sections

60-Nd-139



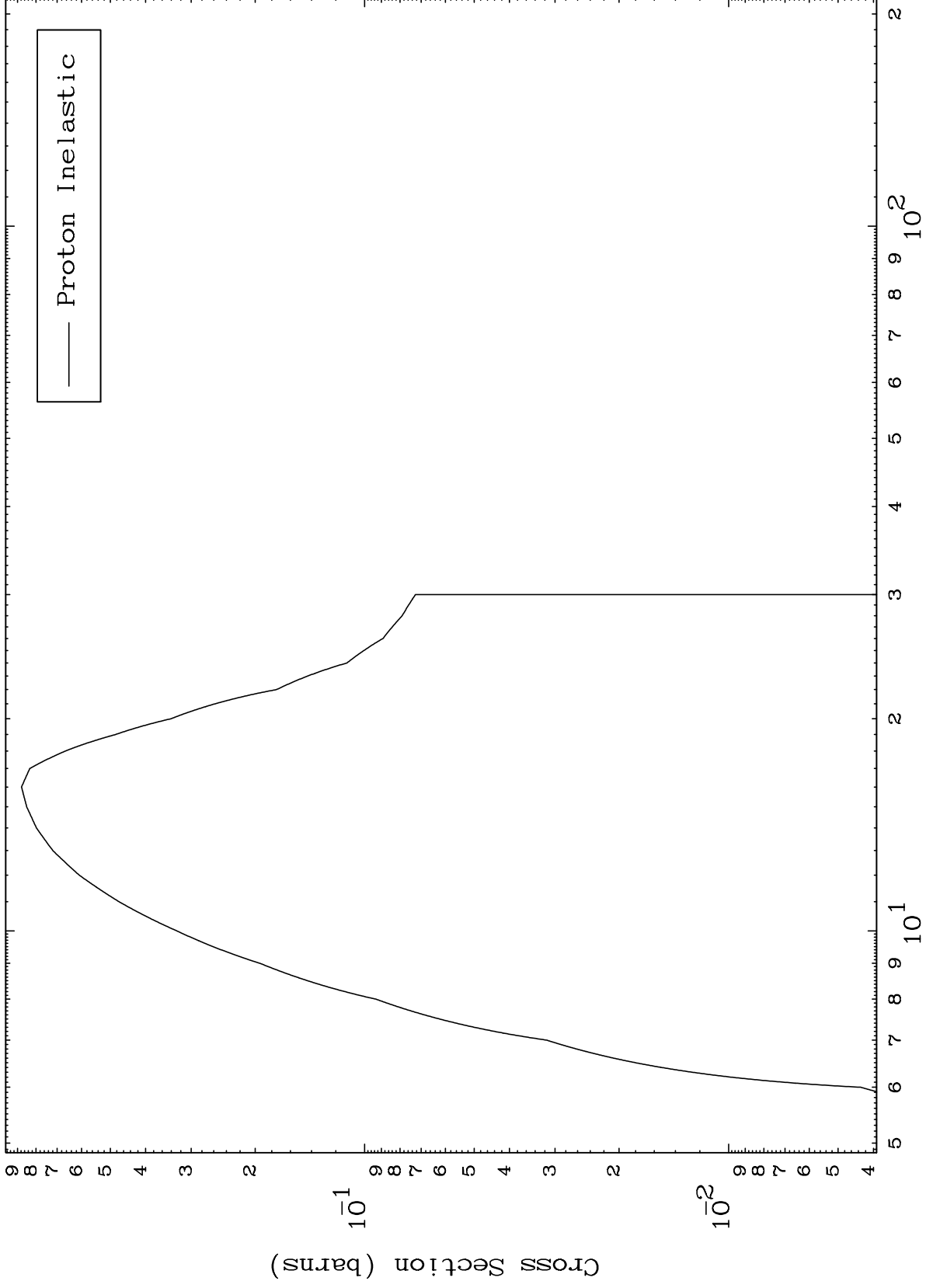
Incident Energy (MeV)

60-Nd-139

MAT 6017

60-Nd-139

(p,n') Level
0 Kelvin Cross Sections



Proton Inelastic

60-Nd-139

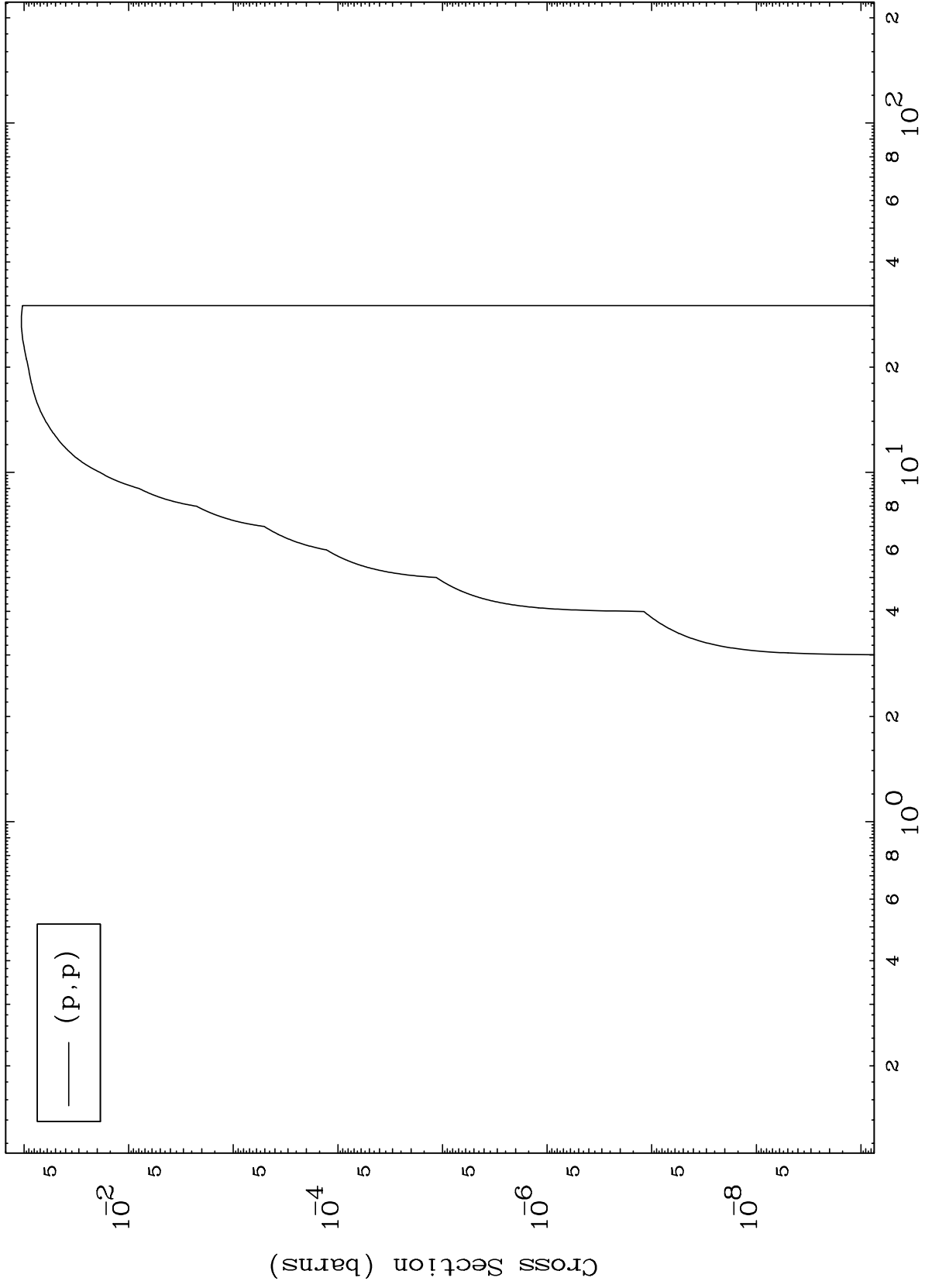
Incident Energy (MeV)

5

MAT 6017

(p,p) Levels
0 Kelvin Cross Sections

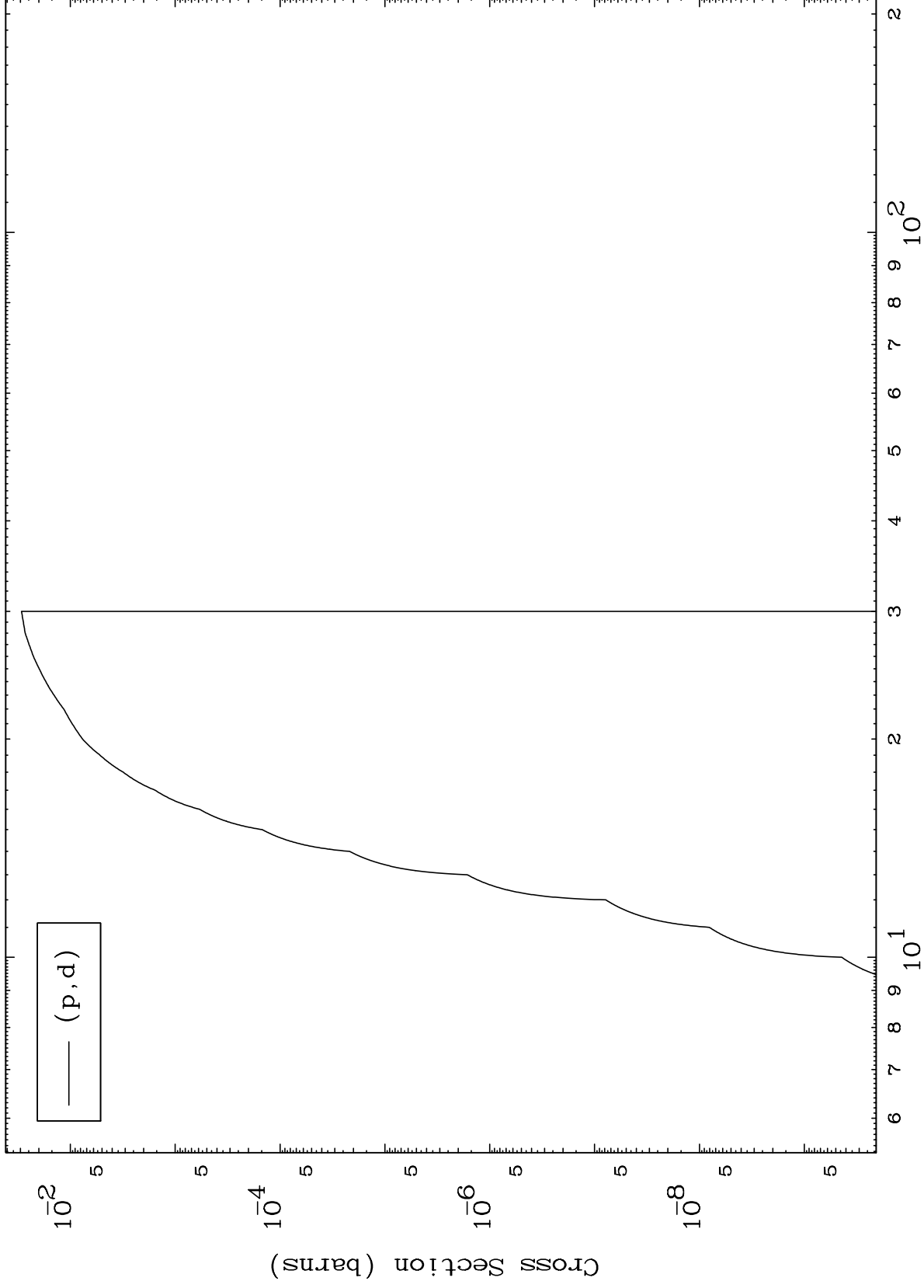
60-Nd-139



MAT 6017

(p,d) Levels
0 Kelvin Cross Sections

60-Nd-139



7

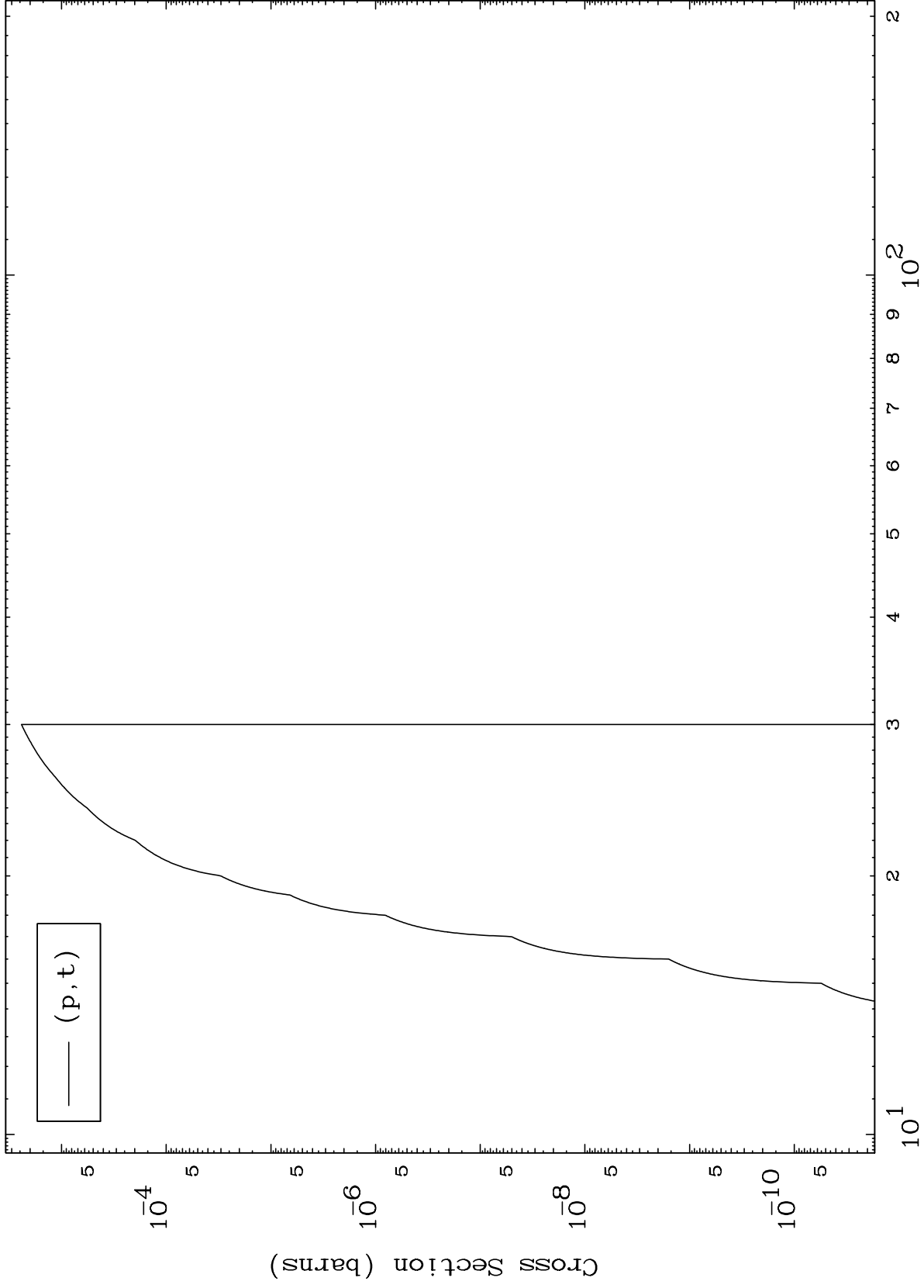
Incident Energy (MeV)

60-Nd-139

MAT 6017

(p,t) Levels
0 Kelvin Cross Sections

60-Nd-139



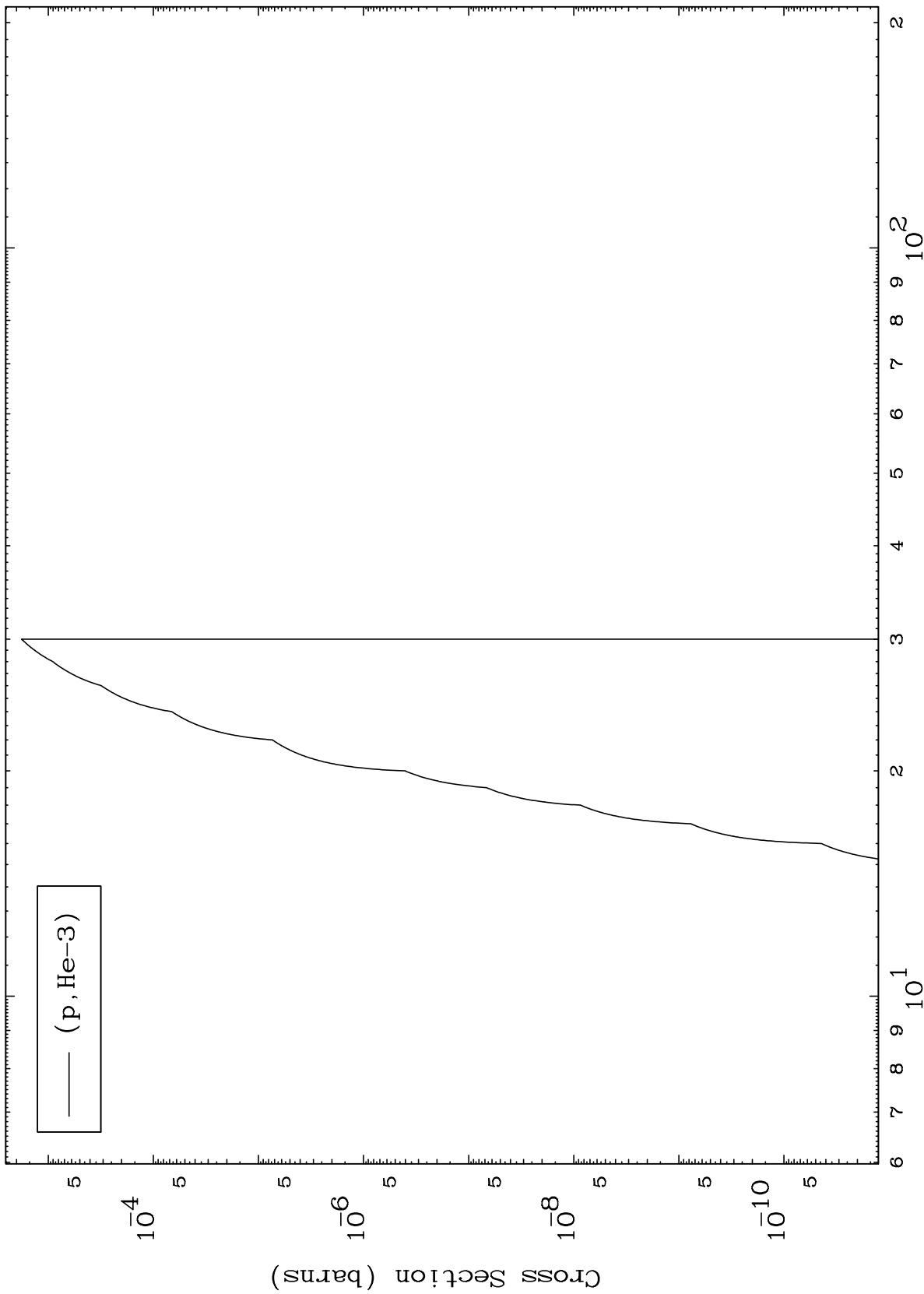
Incident Energy (MeV)

60-Nd-139

MAT 6017

60-Nd-139

(p,He3) Levels
0 Kelvin Cross Sections

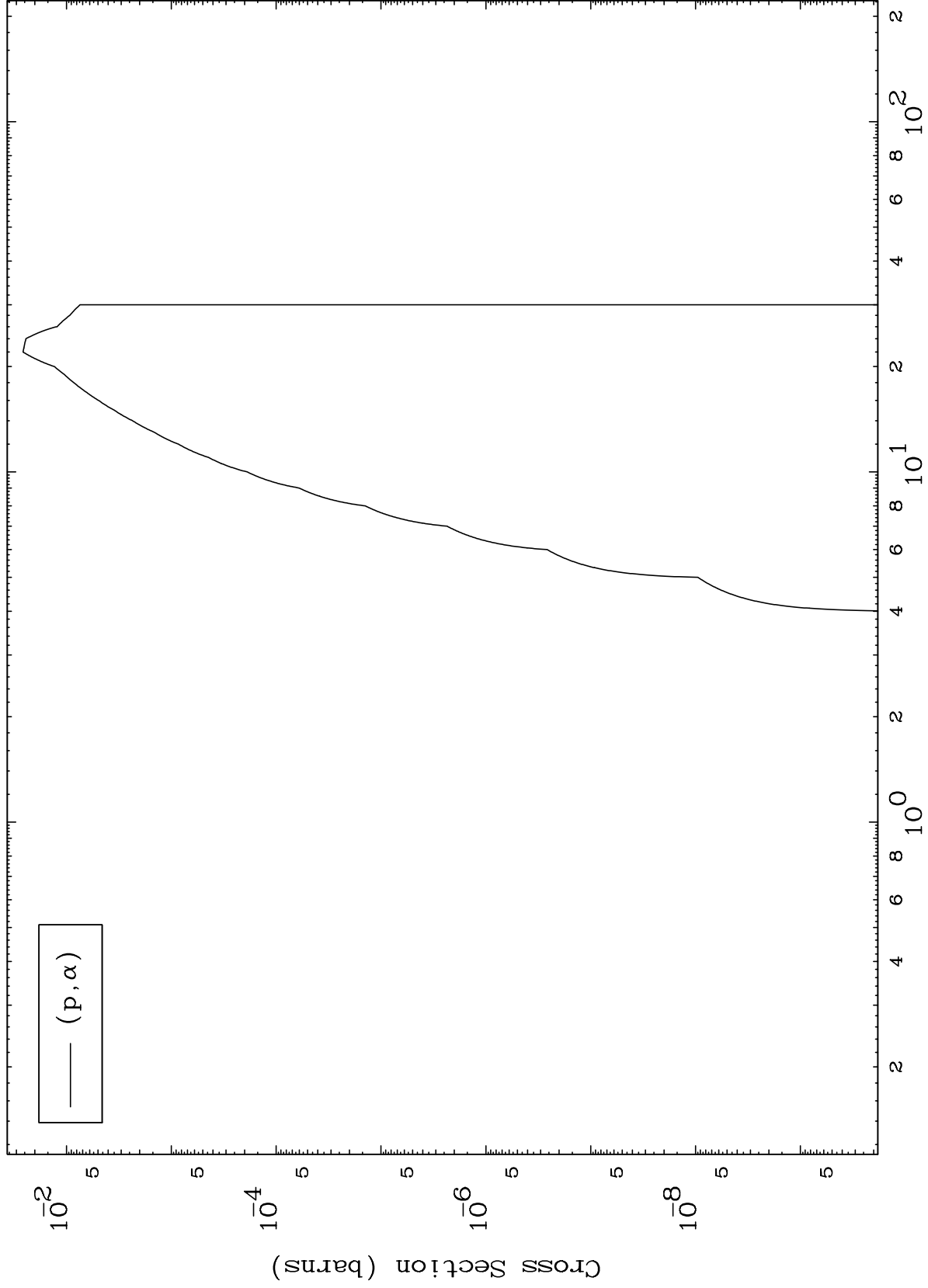


MAT 6017

(p, α) Levels

60-Nd-139

0 Kelvin Cross Sections



10

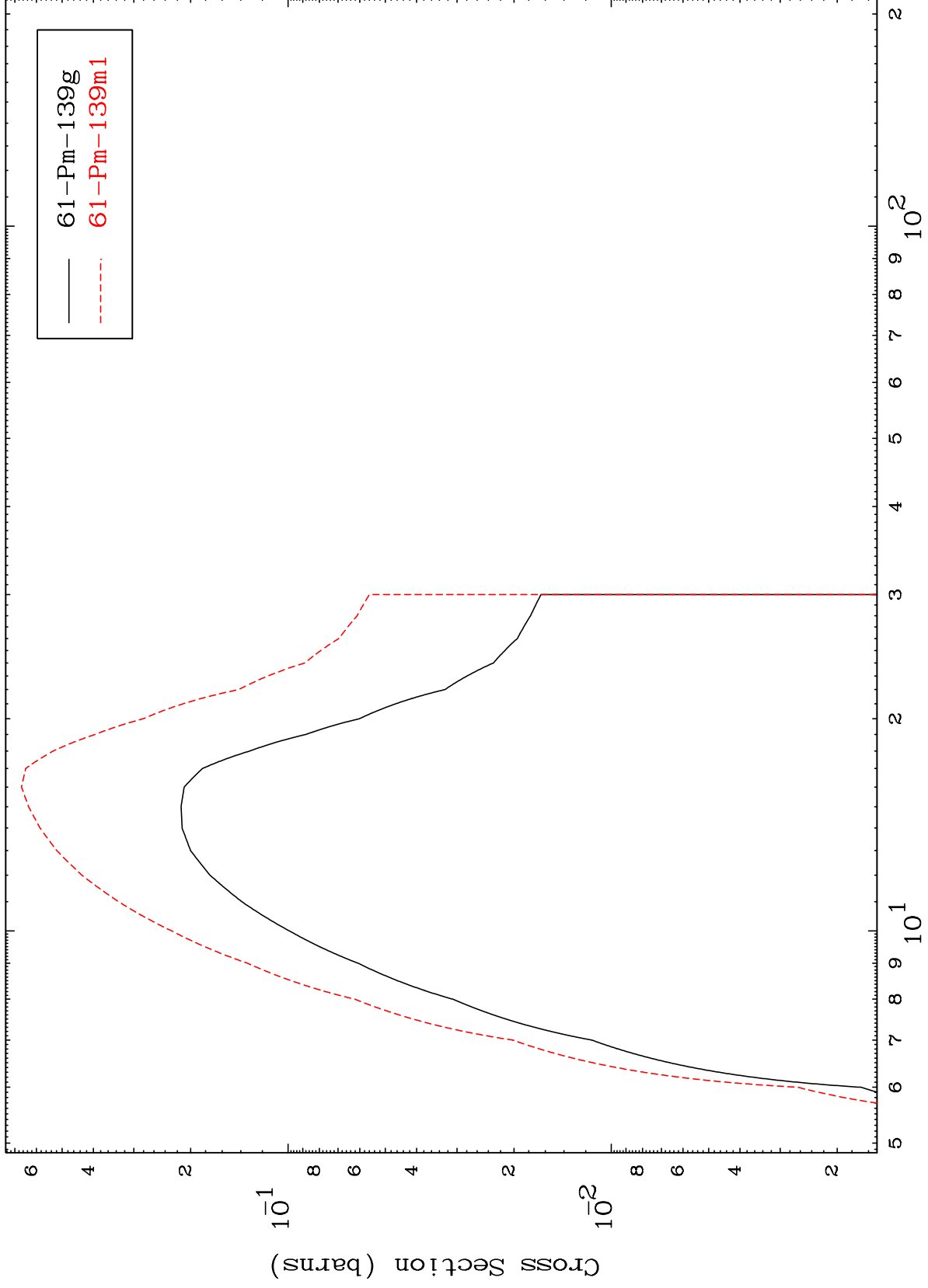
Incident Energy (MeV)

60-Nd-139

MAT 6017

Proton Inelastic
Radionuclide Production Cross Section

60-Nd-139



11

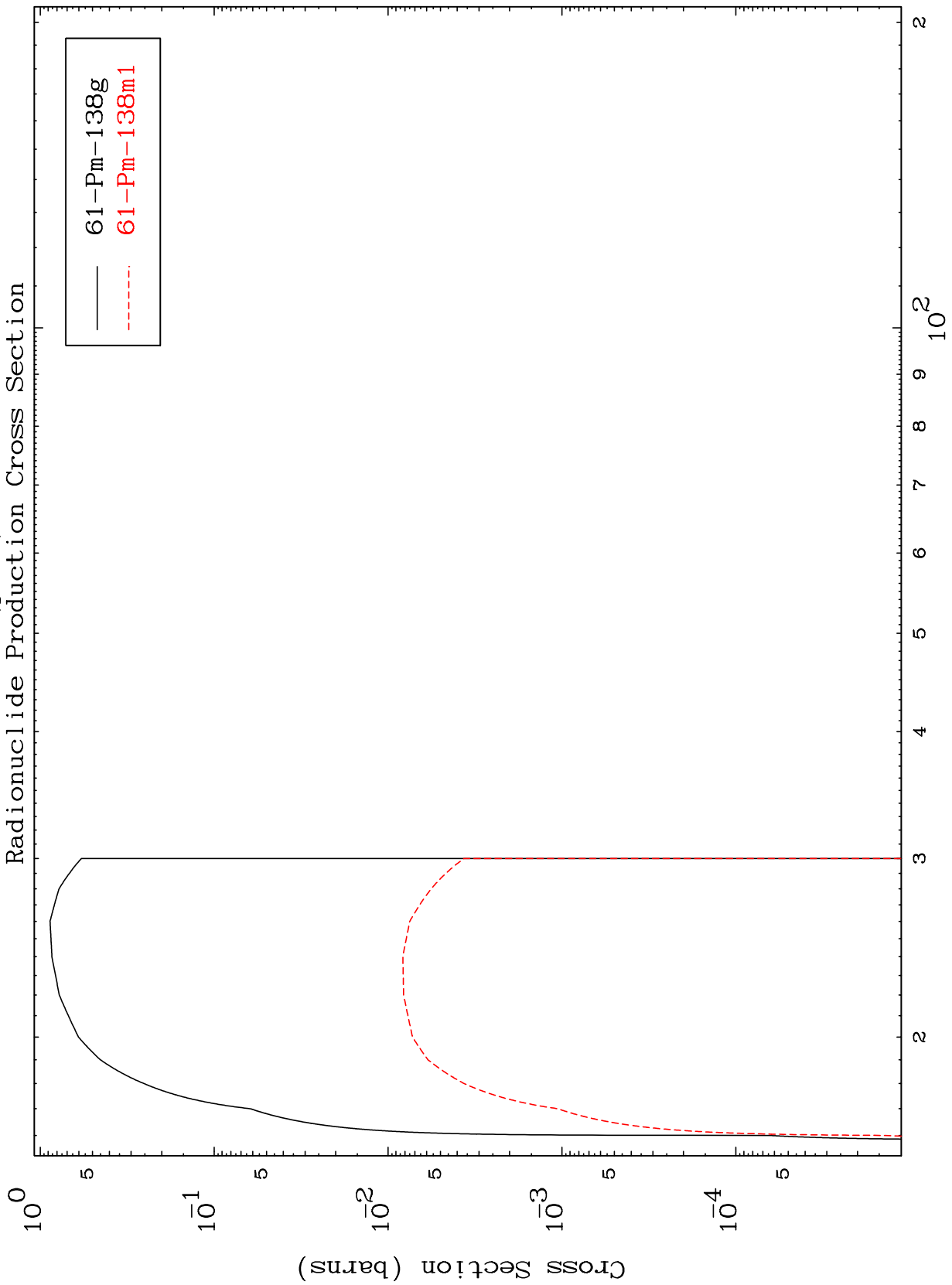
Incident Energy (MeV)

60-Nd-139

MAT 6017

60-Nd-139

(p,2n)
Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

12

Incident Energy (MeV)

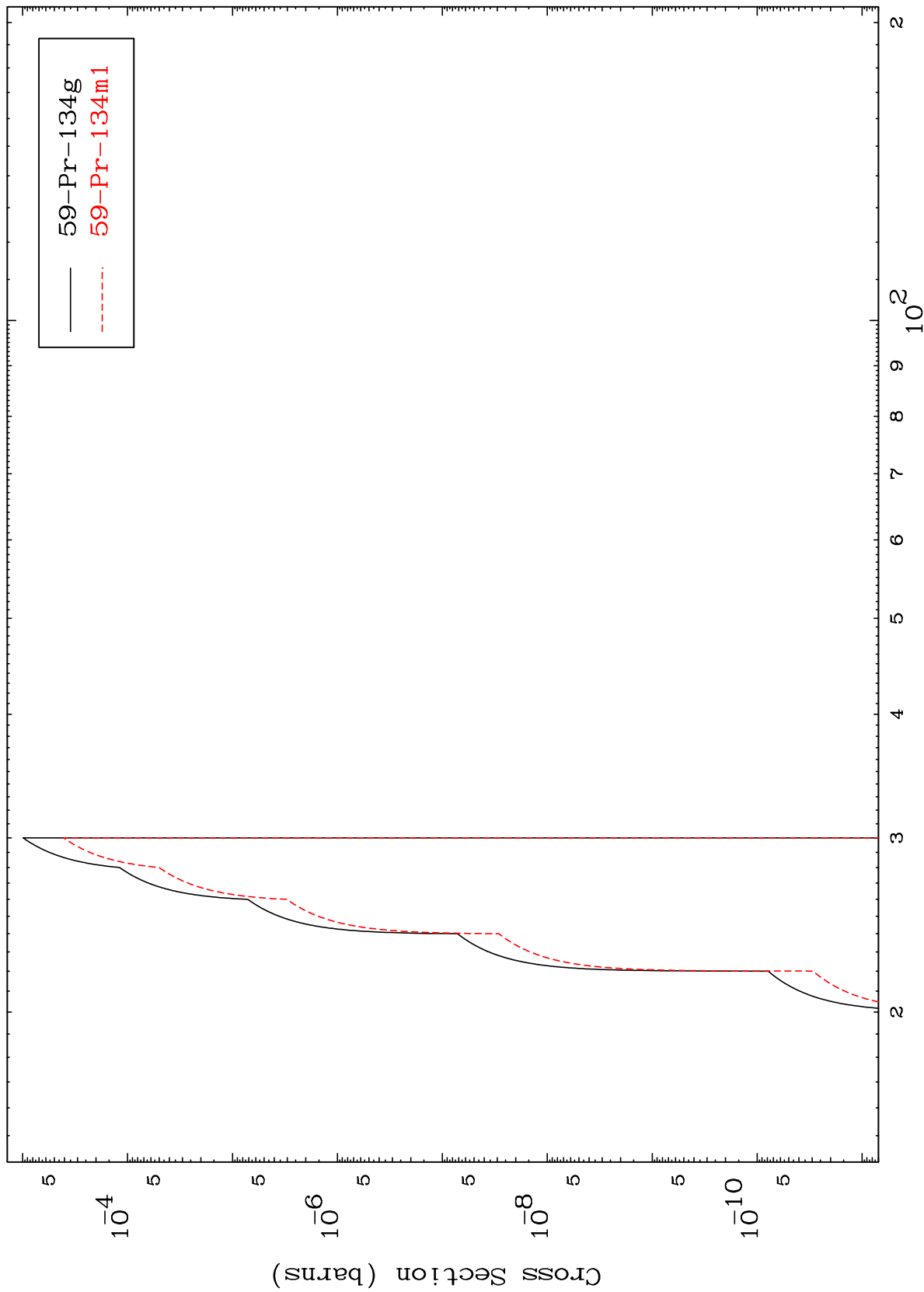
60-Nd-139

MAT 6017

(p,2n) α

60-Nd-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

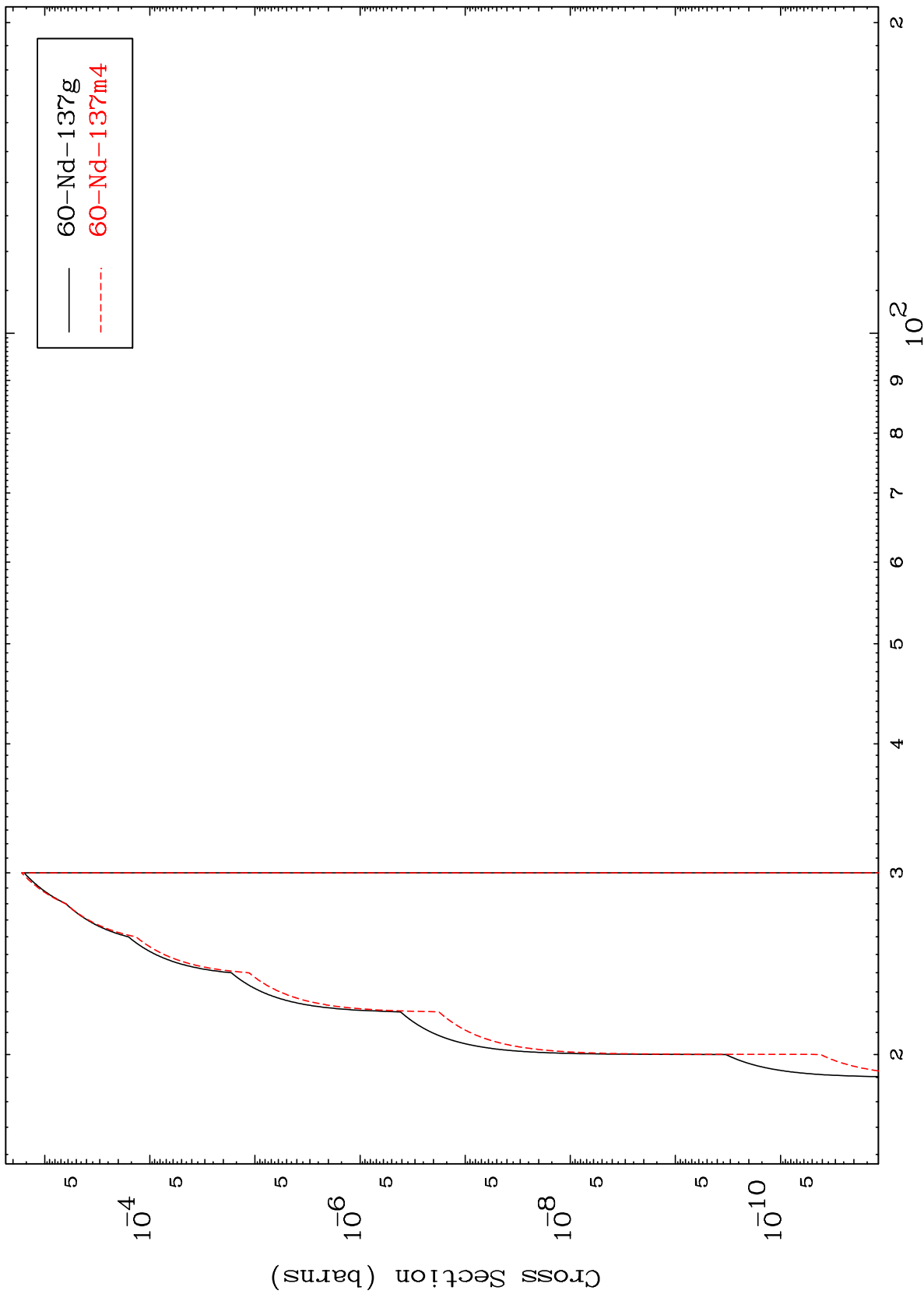
60-Nd-139

MAT 6017

(p,n) d

60-Nd-139

Radionuclide Production Cross Section



14

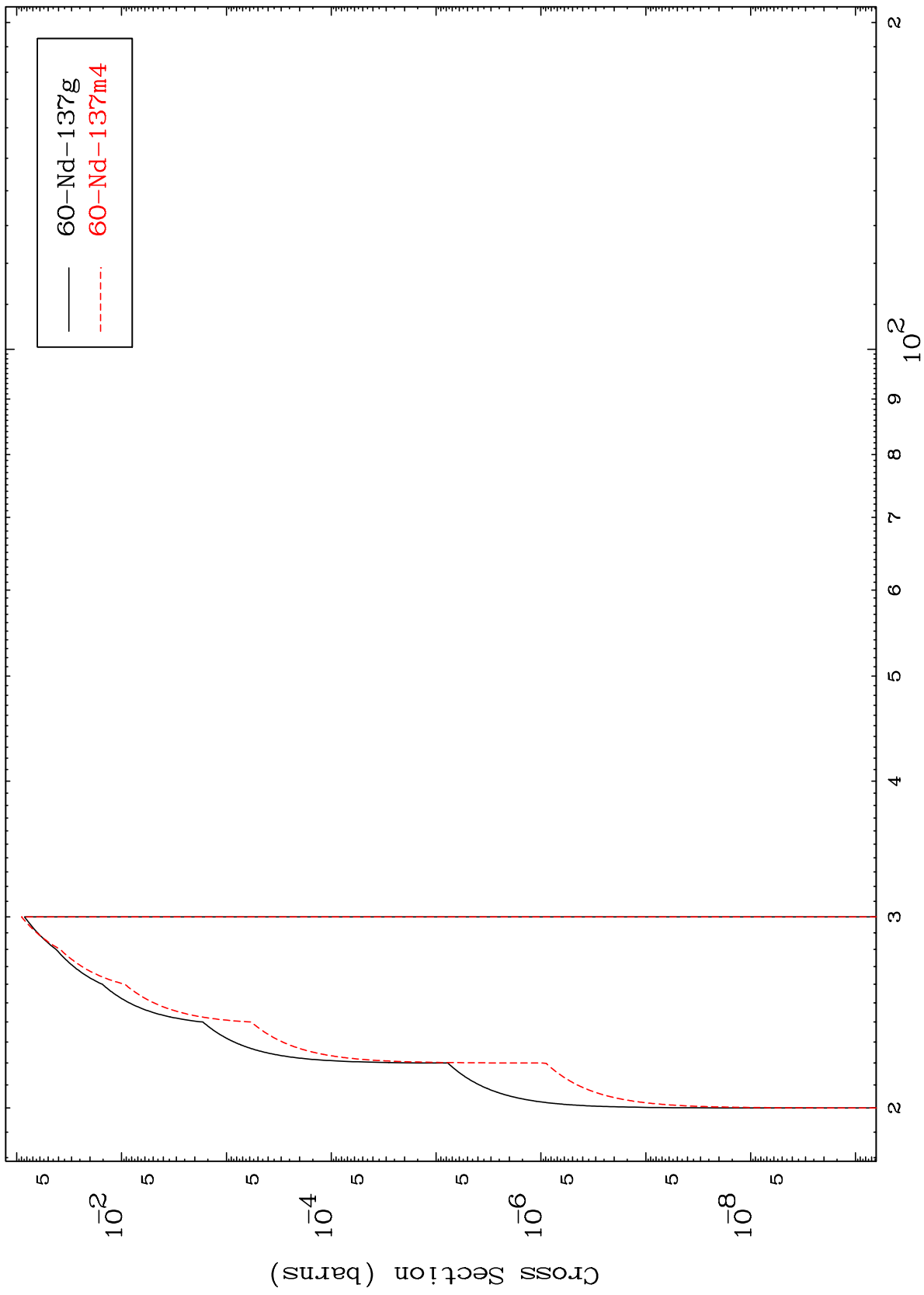
Incident Energy (MeV)

60-Nd-139

MAT 6017

60-Nd-139

(p,2n) p
Radionuclide Production Cross Section



60-Nd-139

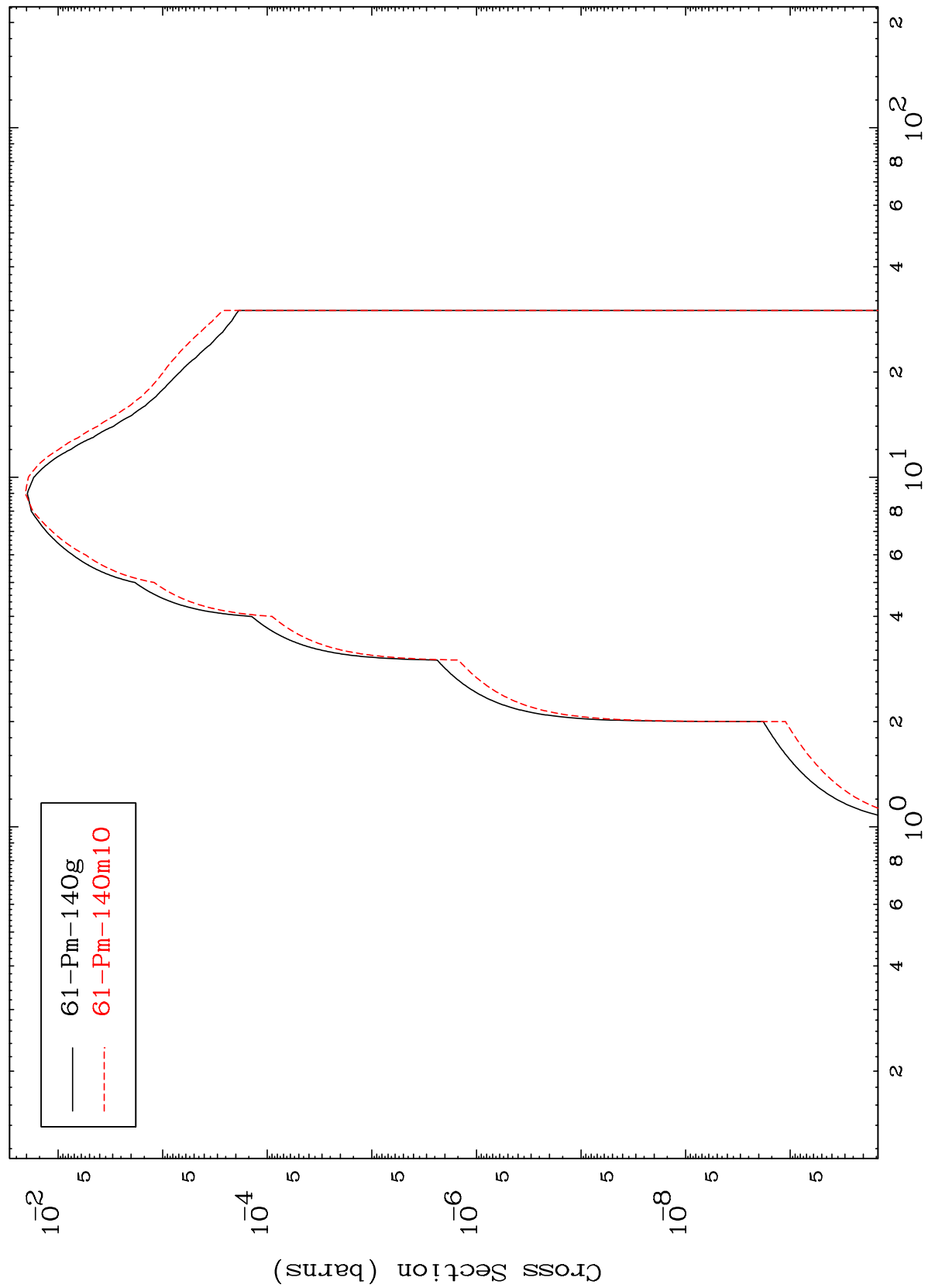
Incident Energy (MeV)

15

MAT 6017

60-Nd-139

(p, γ)
Radionuclide Production Cross Section



61-Pm-140g
61-Pm-140m10

60-Nd-139

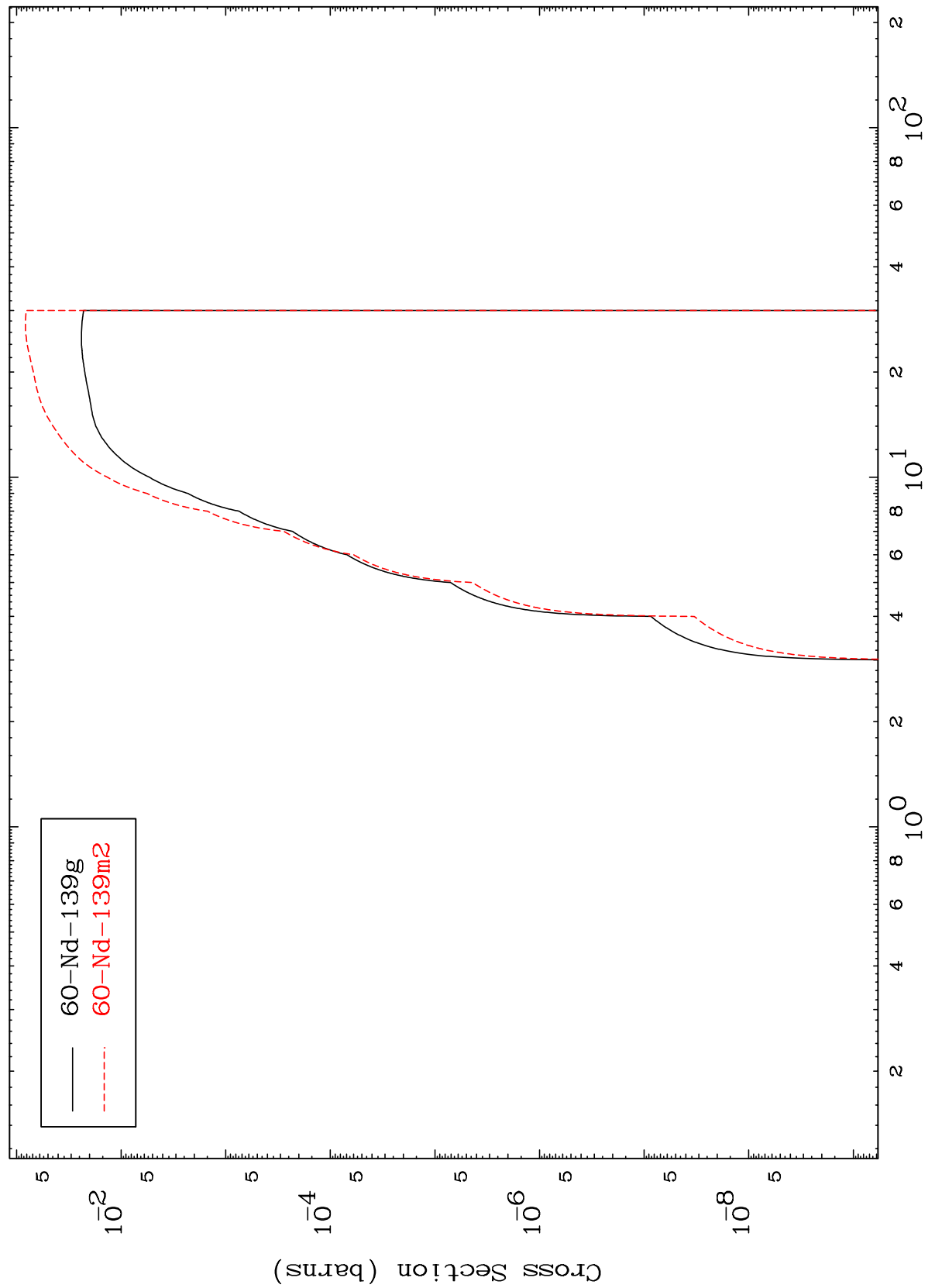
Incident Energy (MeV)

16

MAT 6017

60-Nd-139

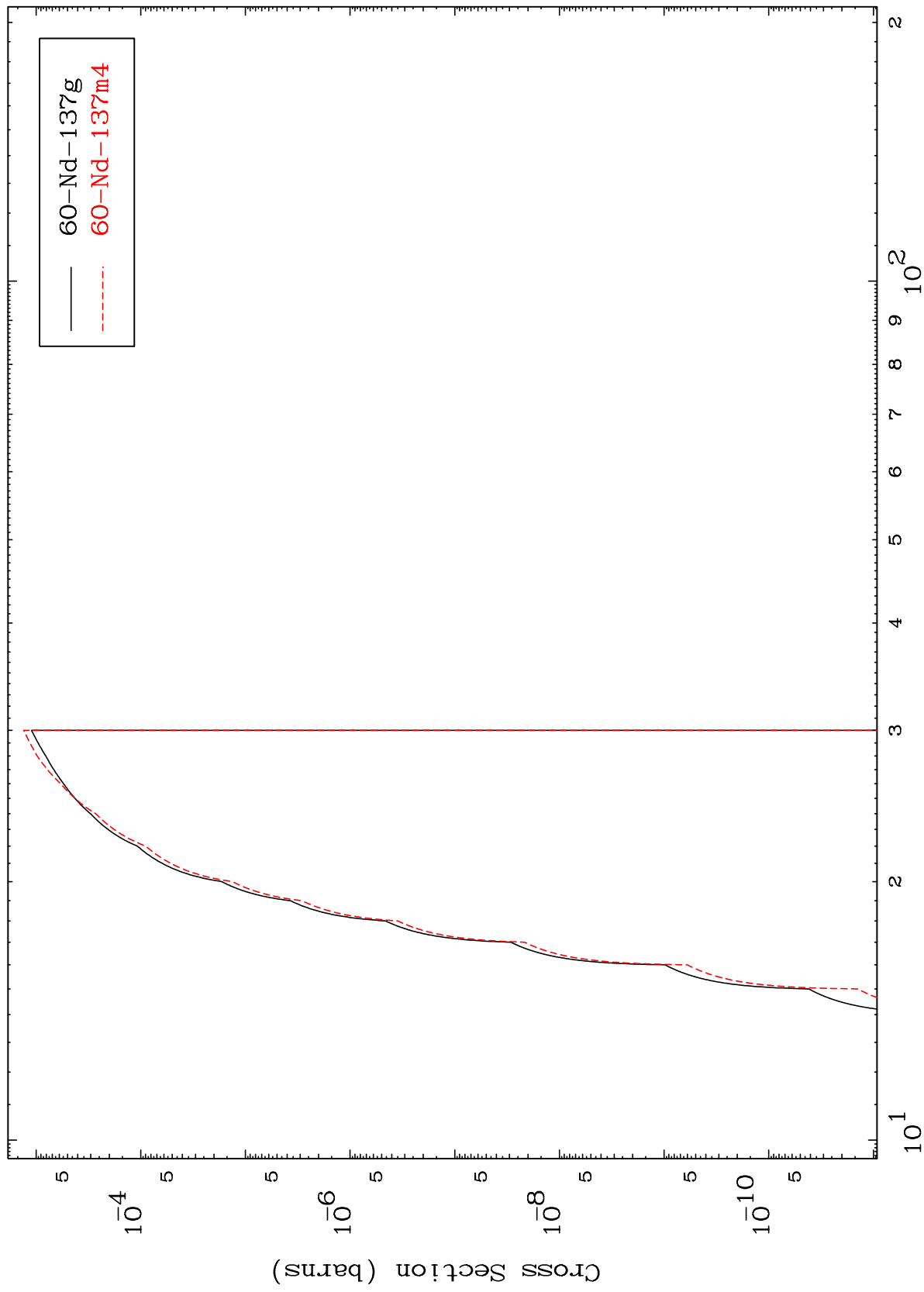
Radionuclide Production Cross Section (p,p)



MAT 6017

60-Nd-139

(p, t)
Radionuclide Production Cross Section



60-Nd-139

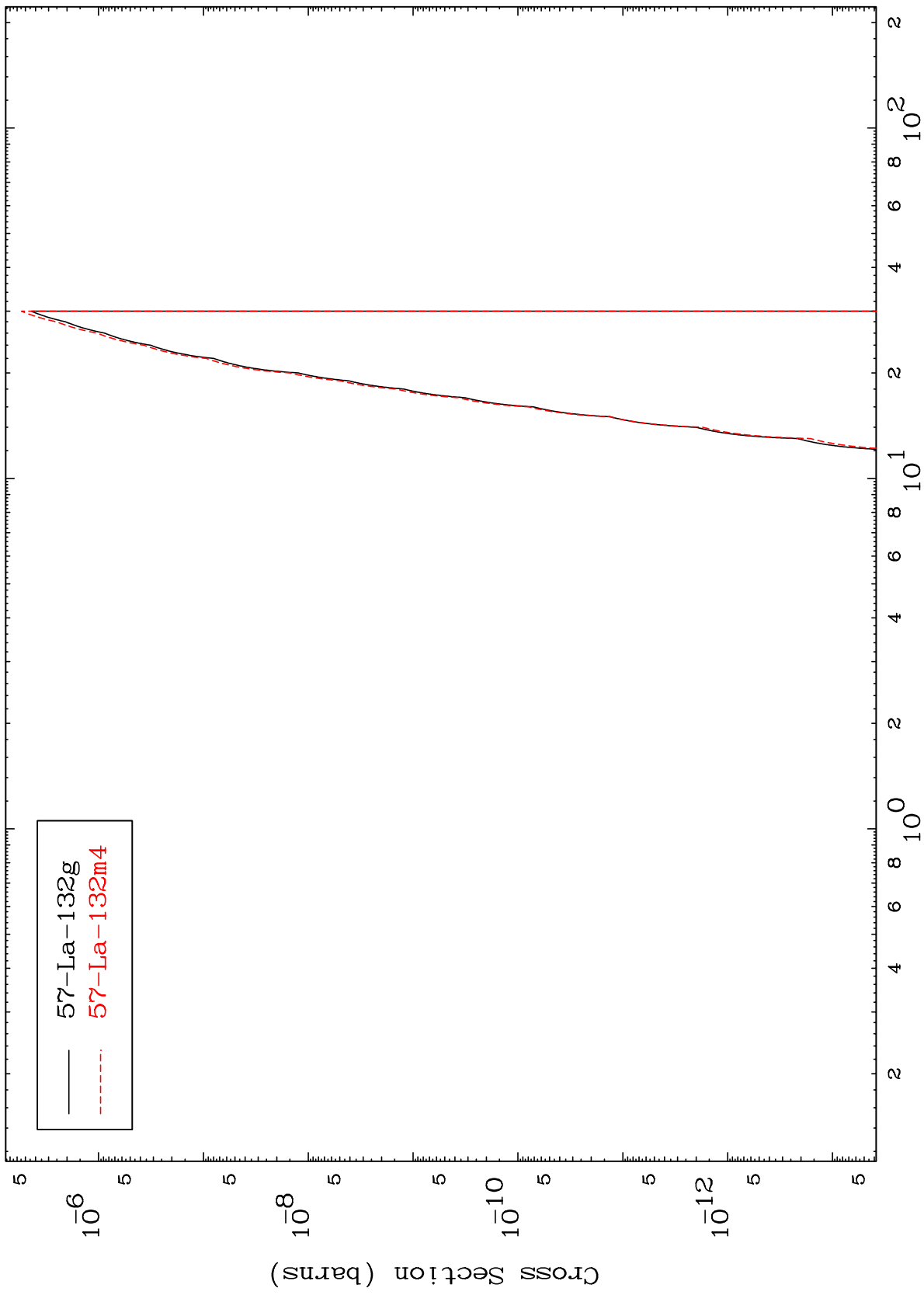
Incident Energy (MeV)

18

MAT 6017

60-Nd-139

Radionuclide Production Cross Section
(p,2 α)



19

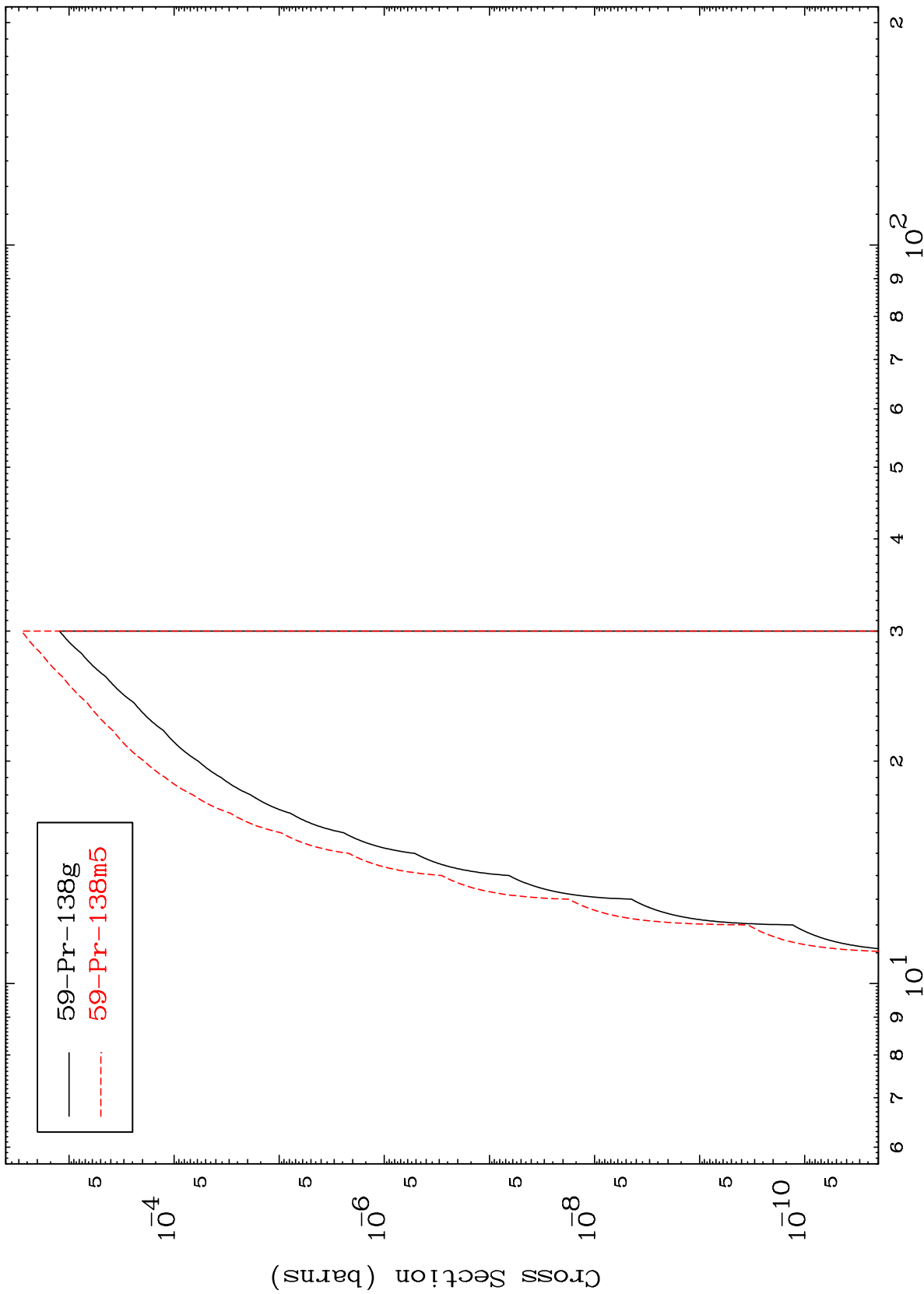
60-Nd-139

Incident Energy (MeV)

MAT 6017

60-Nd-139

(p,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

60-Nd-139

MAT 6017

(p,p) α

60-Nd-139

Radionuclide Production Cross Section

