

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

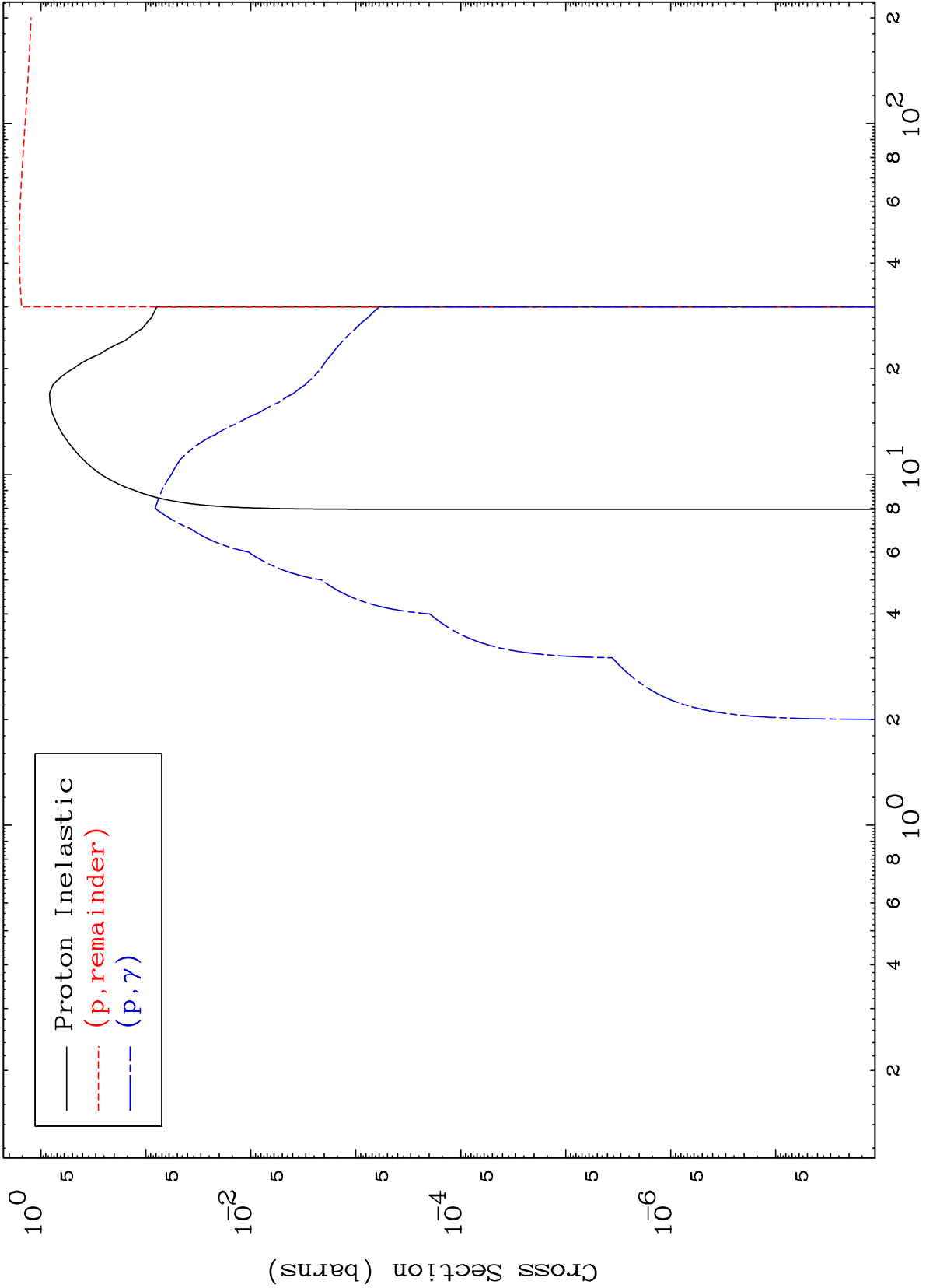
Press Mouse Button to Start

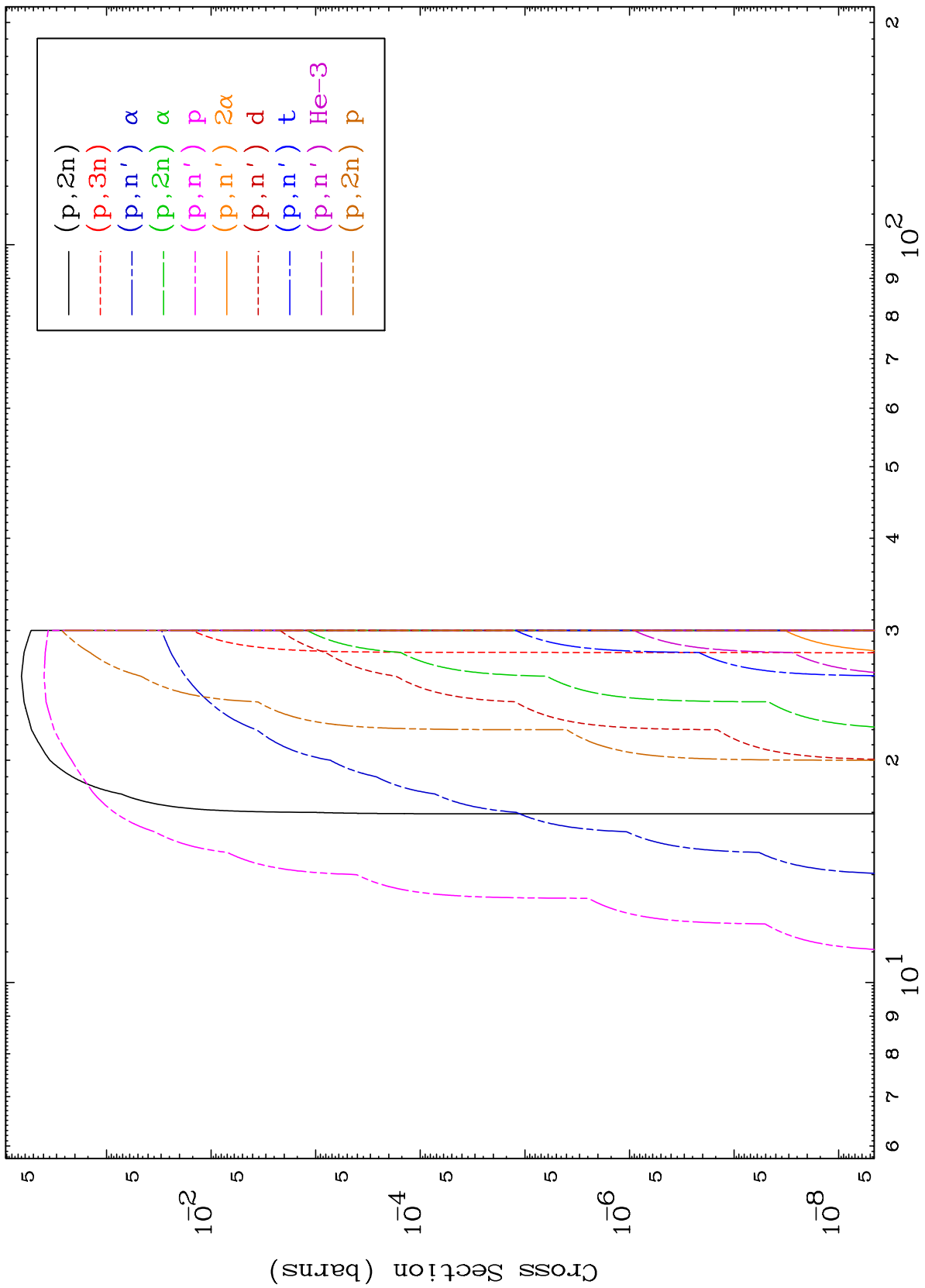
MAT 6013

Proton Major

60-Nd-138

0 Kelvin Cross Sections

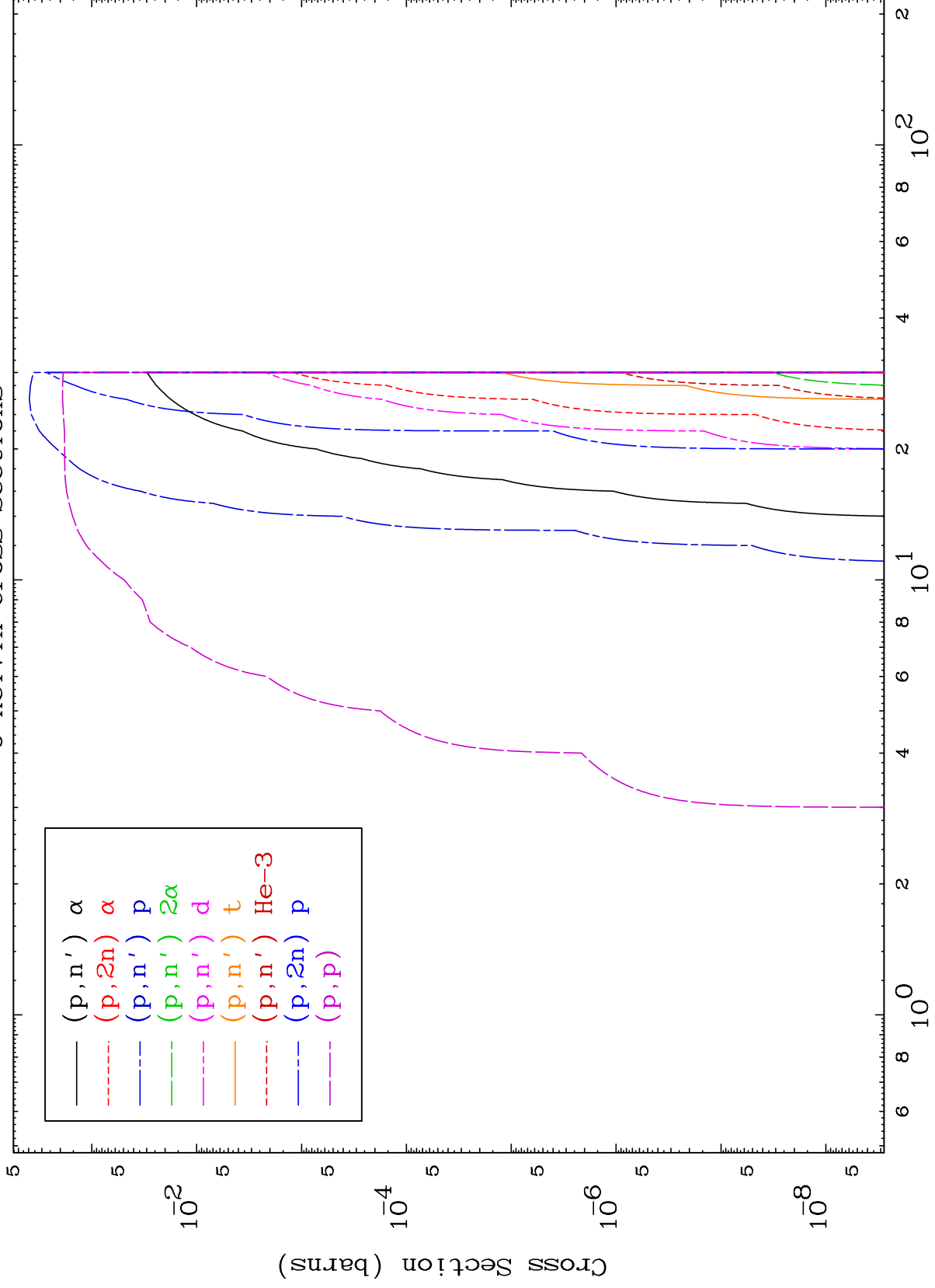




MAT 6013

Proton Charged Particle  
0 Kelvin Cross Sections

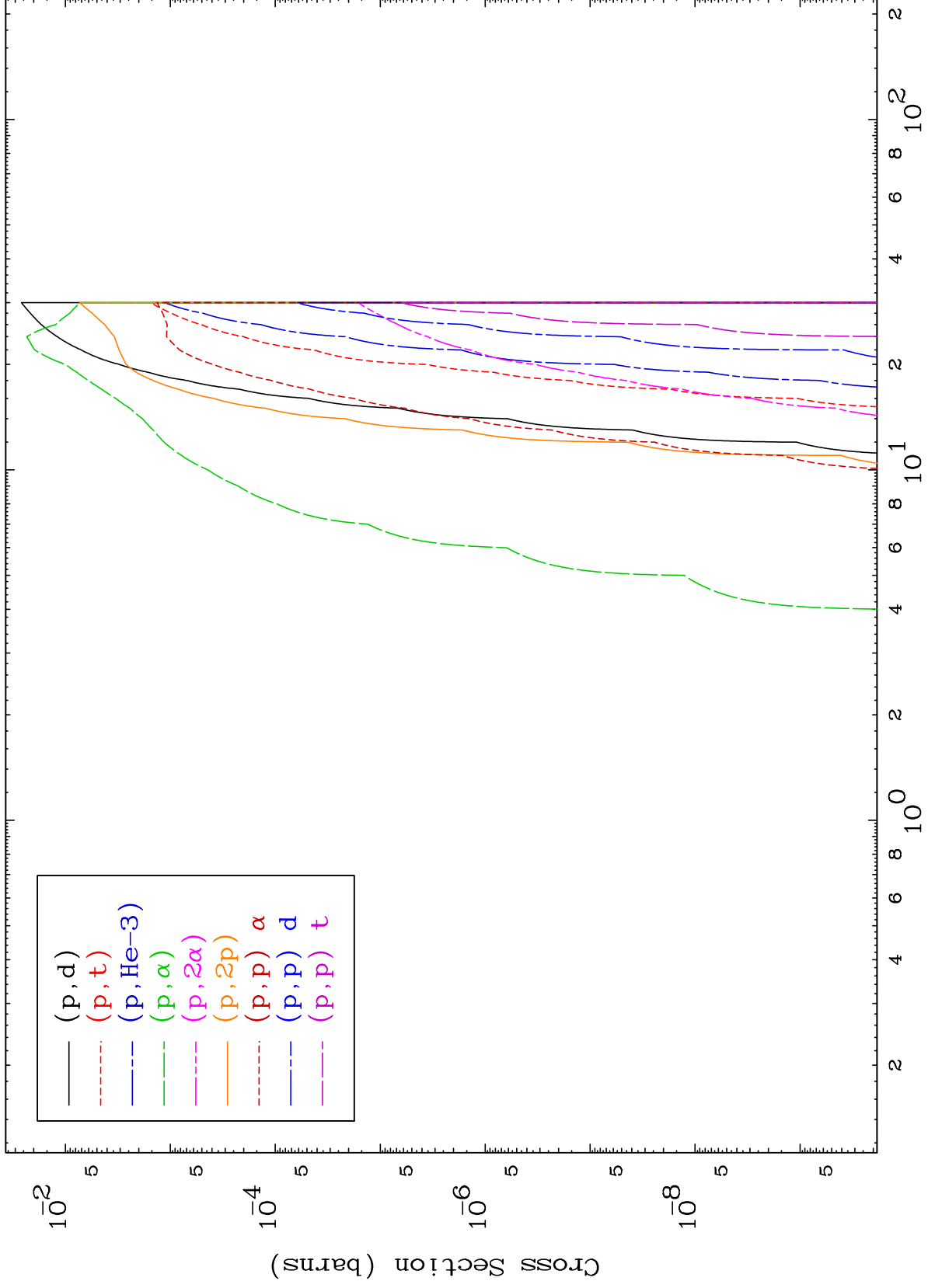
60-Nd-138



MAT 6013

Proton Charged Particle  
0 Kelvin Cross Sections

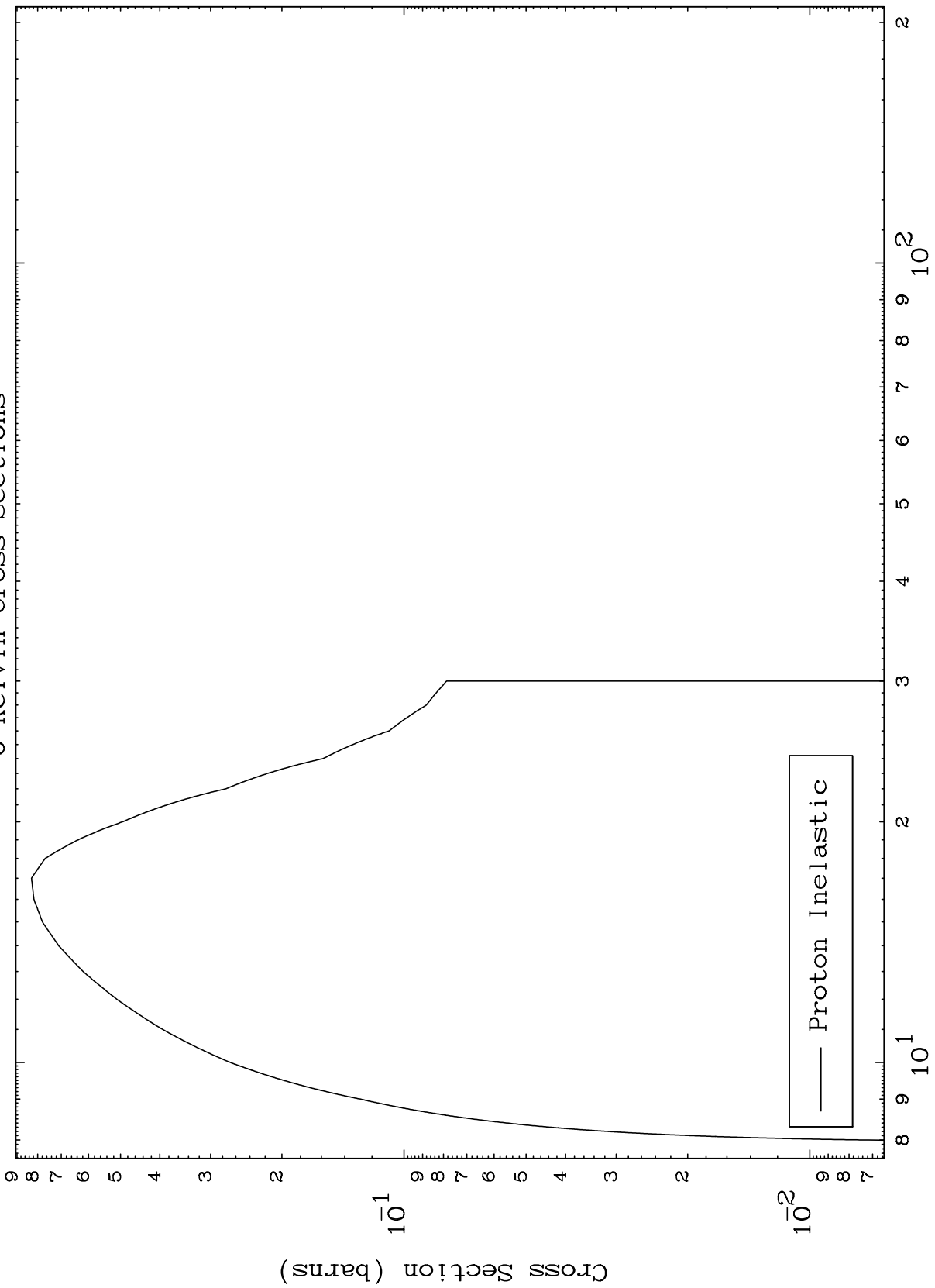
60-Nd-138



MAT 6013

60-Nd-138

(p,n') Level  
0 Kelvin Cross Sections



60-Nd-138

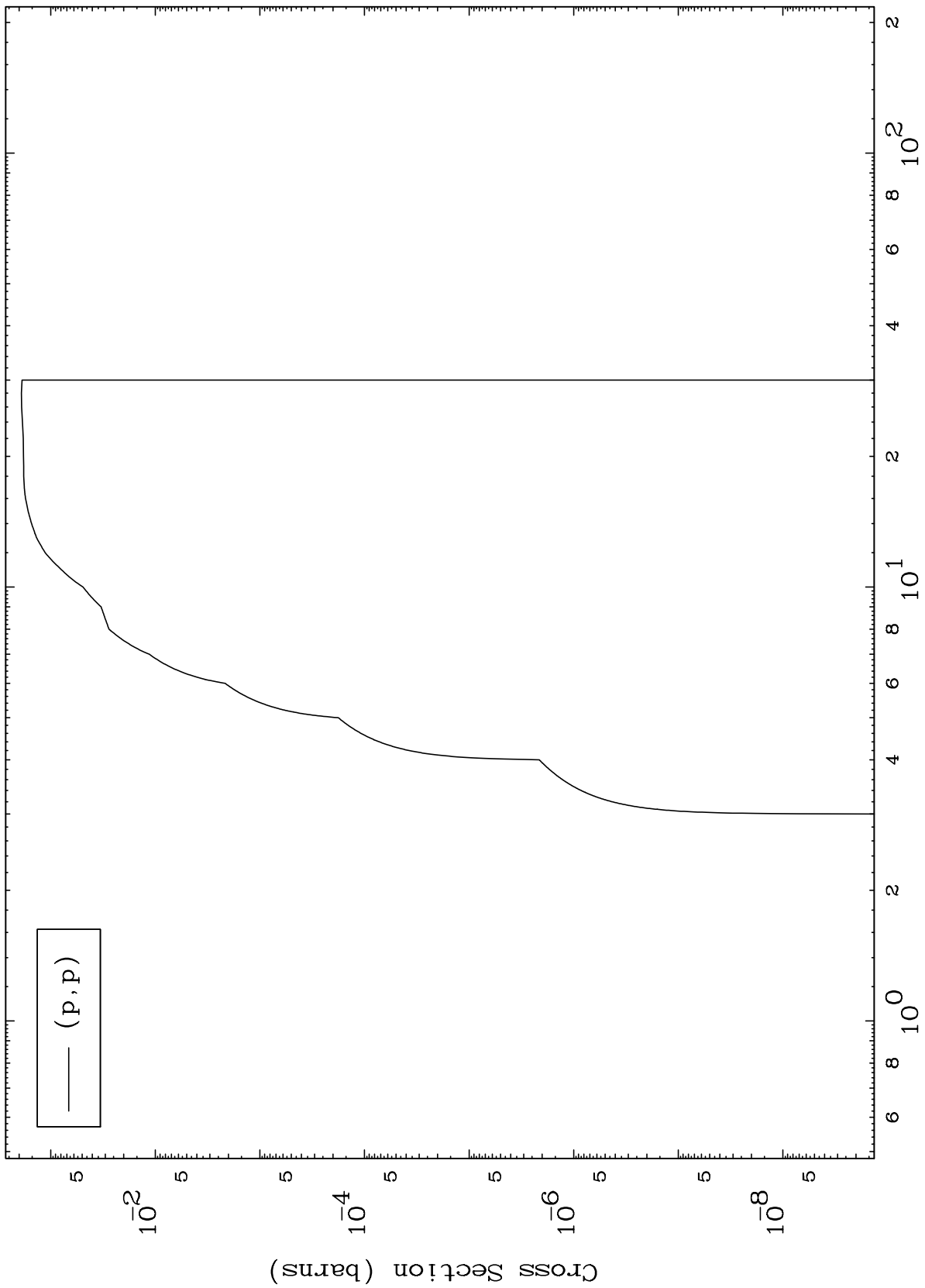
Incident Energy (MeV)

5

MAT 6013

60-Nd-138

(p,p) Levels  
0 Kelvin Cross Sections



6

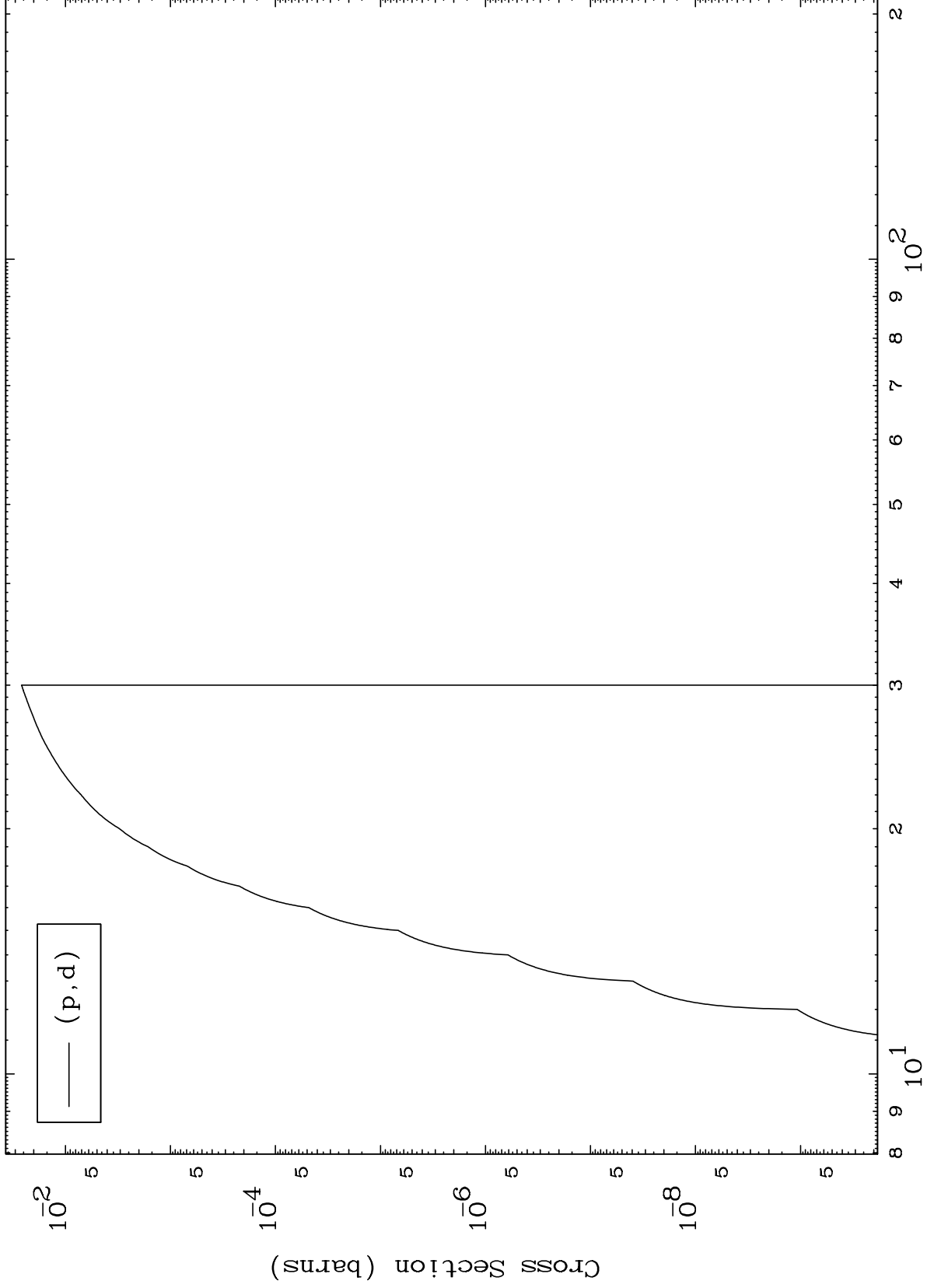
Incident Energy (MeV)

60-Nd-138

MAT 6013

(p,d) Levels  
0 Kelvin Cross Sections

60-Nd-138

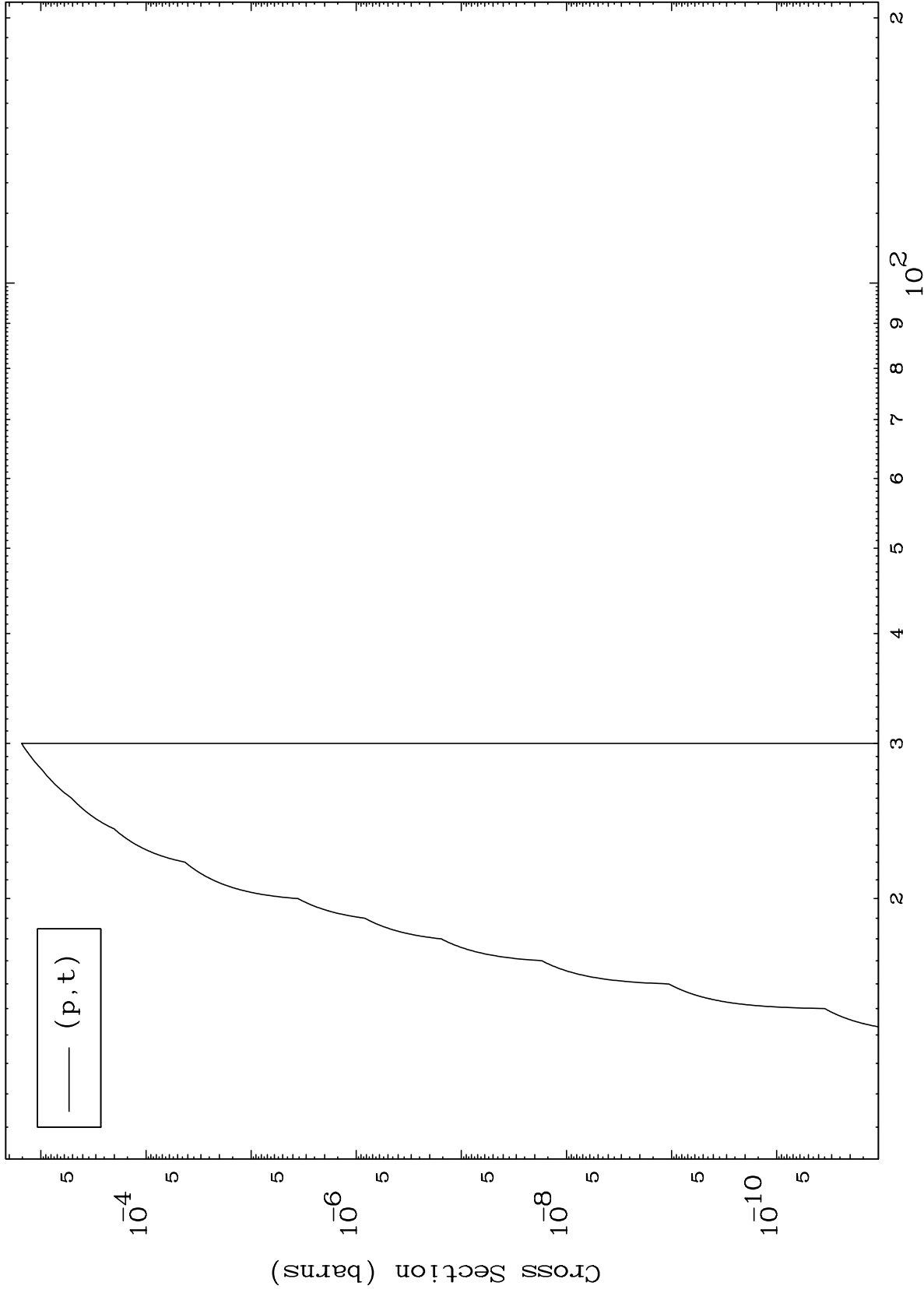


7

Incident Energy (MeV)

60-Nd-138

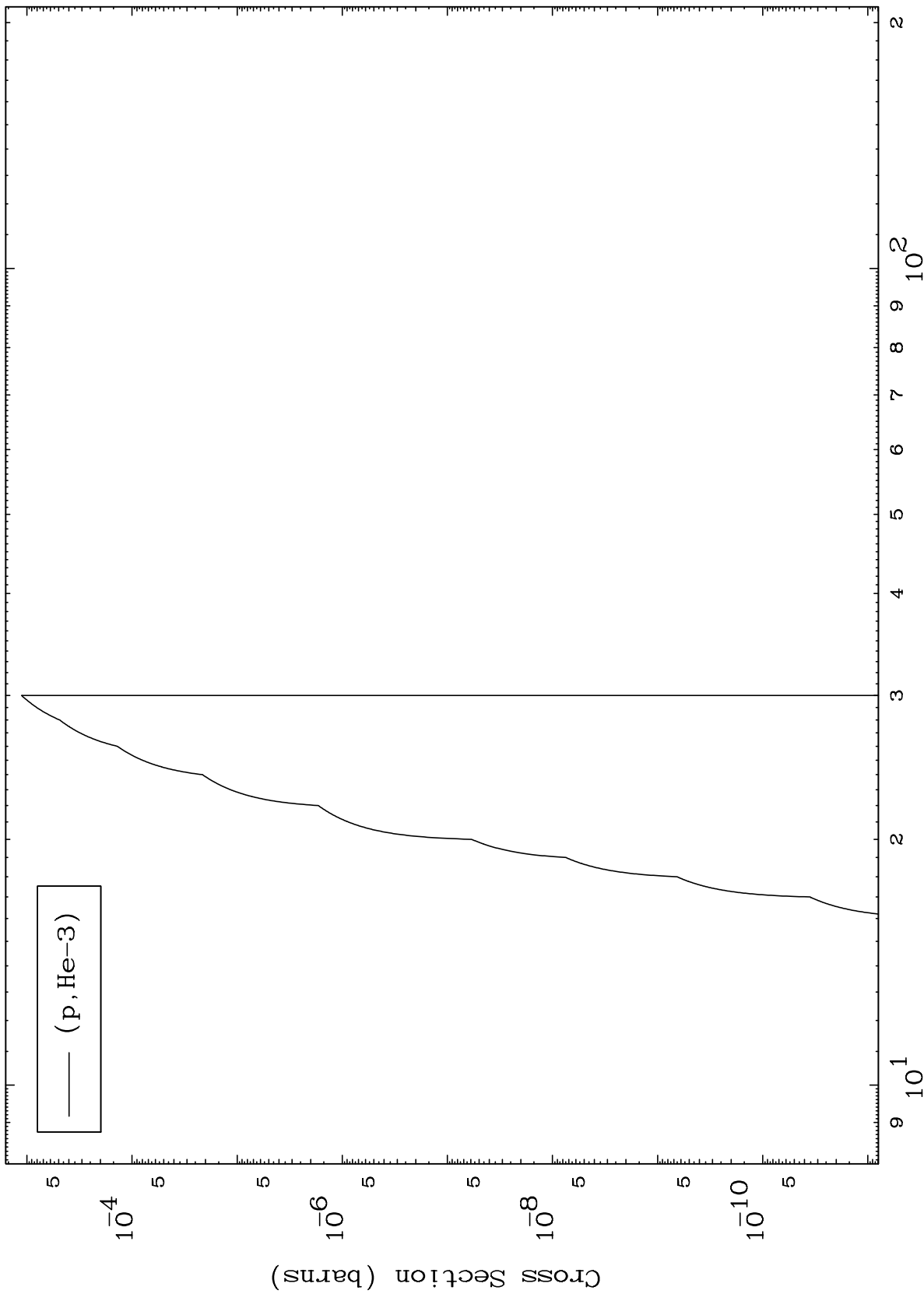




MAT 6013

60-Nd-138

(p,He3) Levels  
0 Kelvin Cross Sections



9

Incident Energy (MeV)

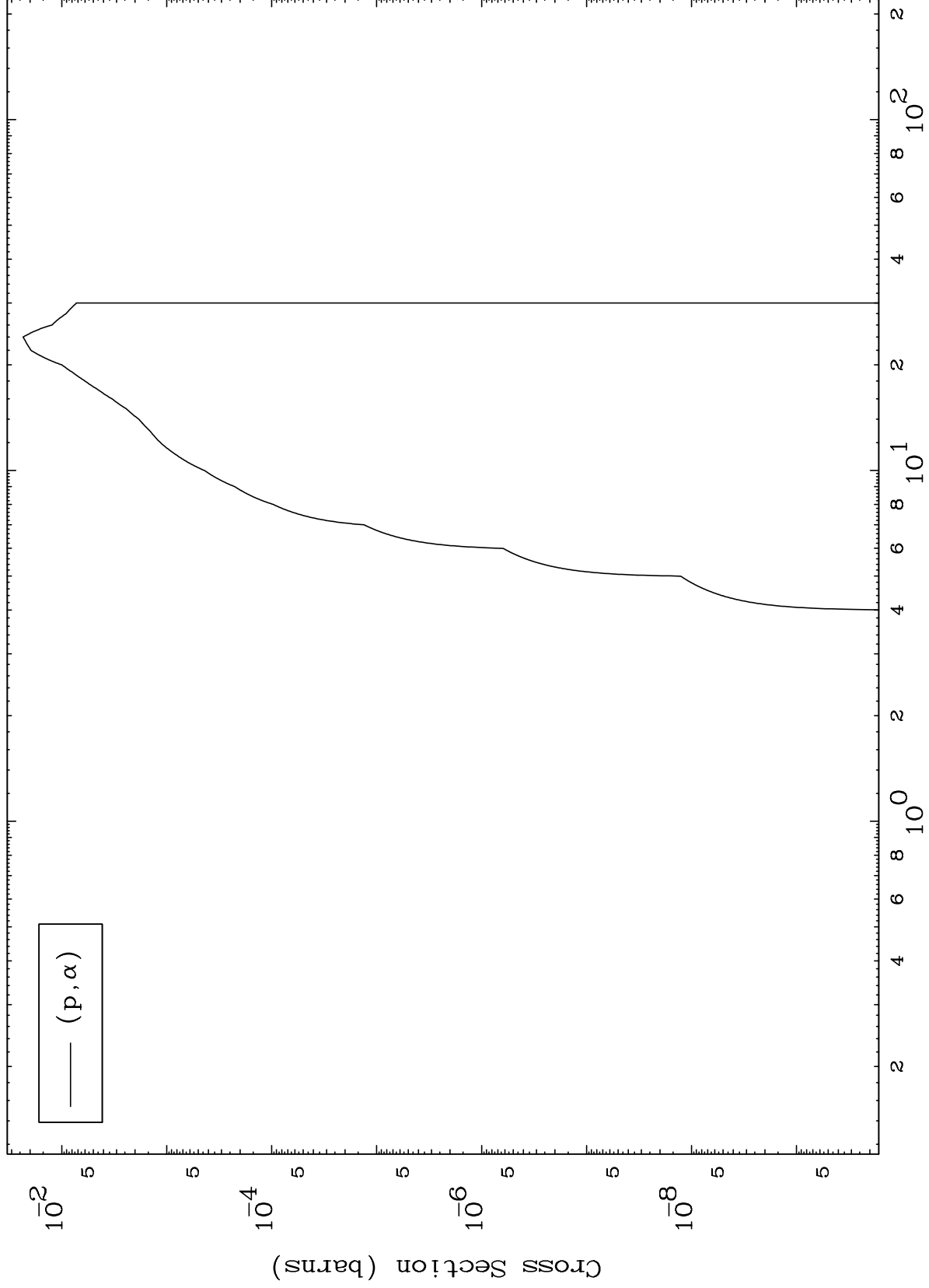
60-Nd-138

MAT 6013

(p,  $\alpha$ ) Levels

60-Nd-138

0 Kelvin Cross Sections



10

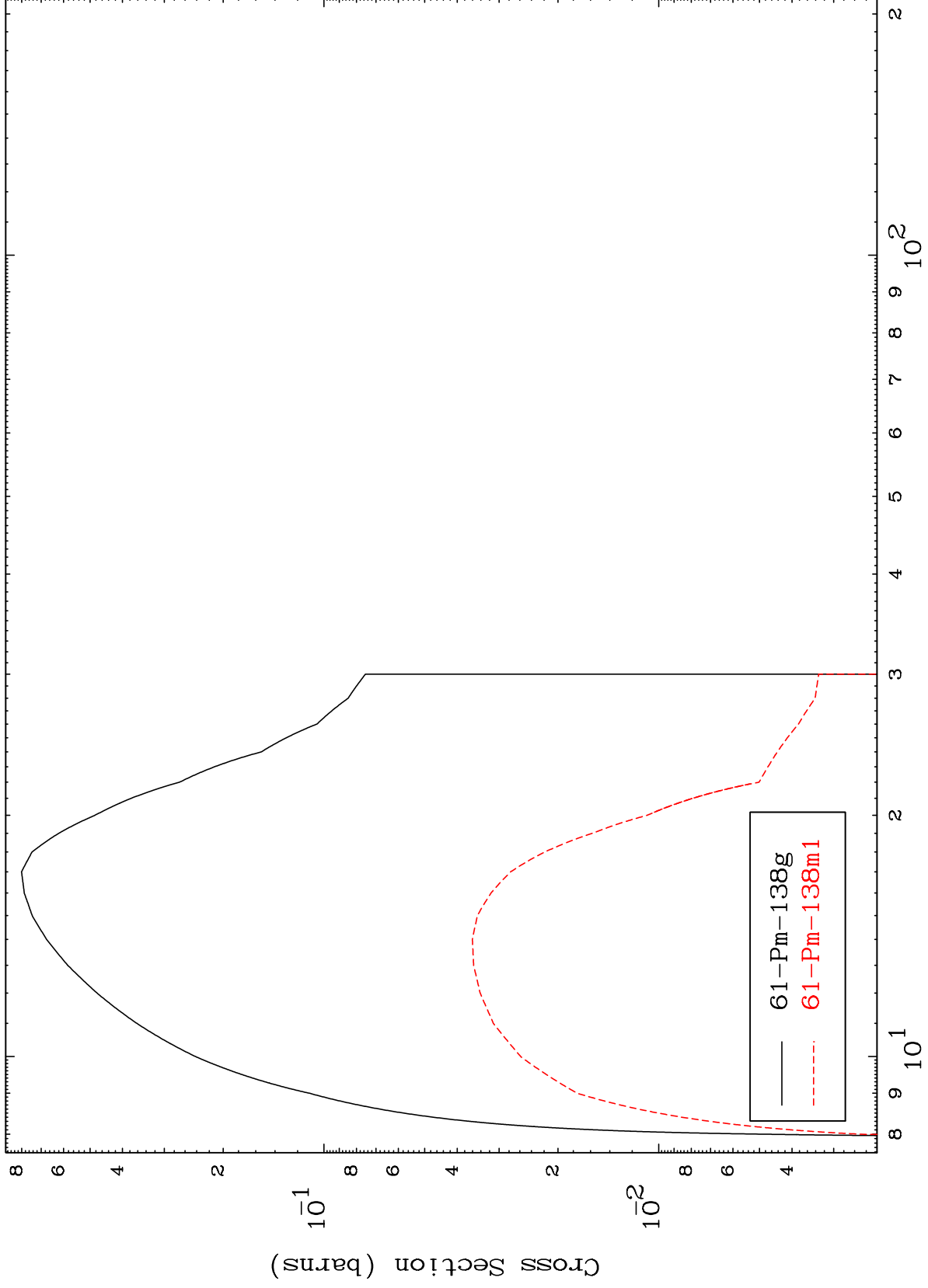
Incident Energy (MeV)

60-Nd-138

MAT 6013

Proton Inelastic  
Radionuclide Production Cross Section

60-Nd-138



11

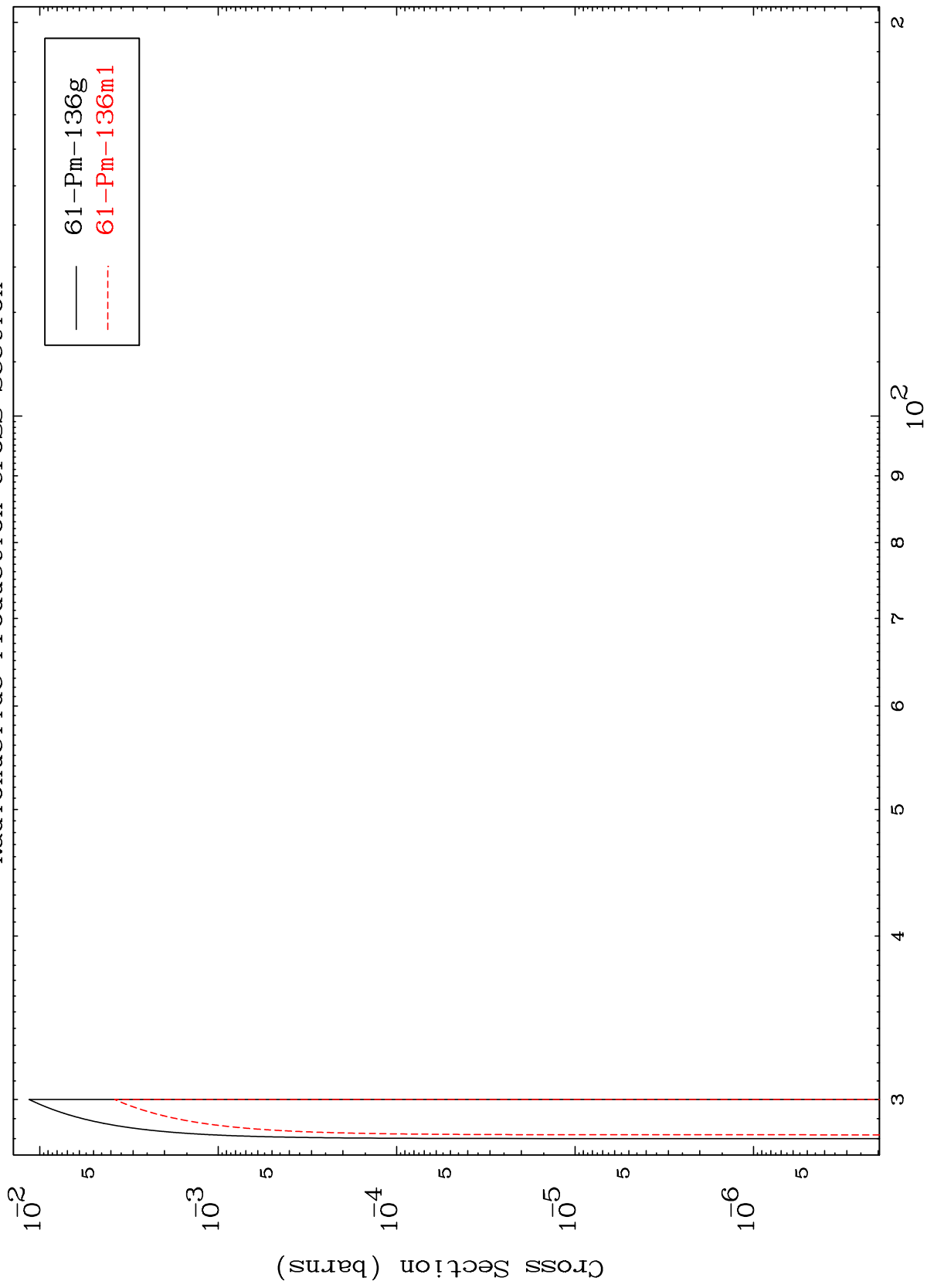
Incident Energy (MeV)

60-Nd-138

MAT 6013

60-Nd-138

(p,3n)  
Radionuclide Production Cross Section



60-Nd-138

Incident Energy (MeV)

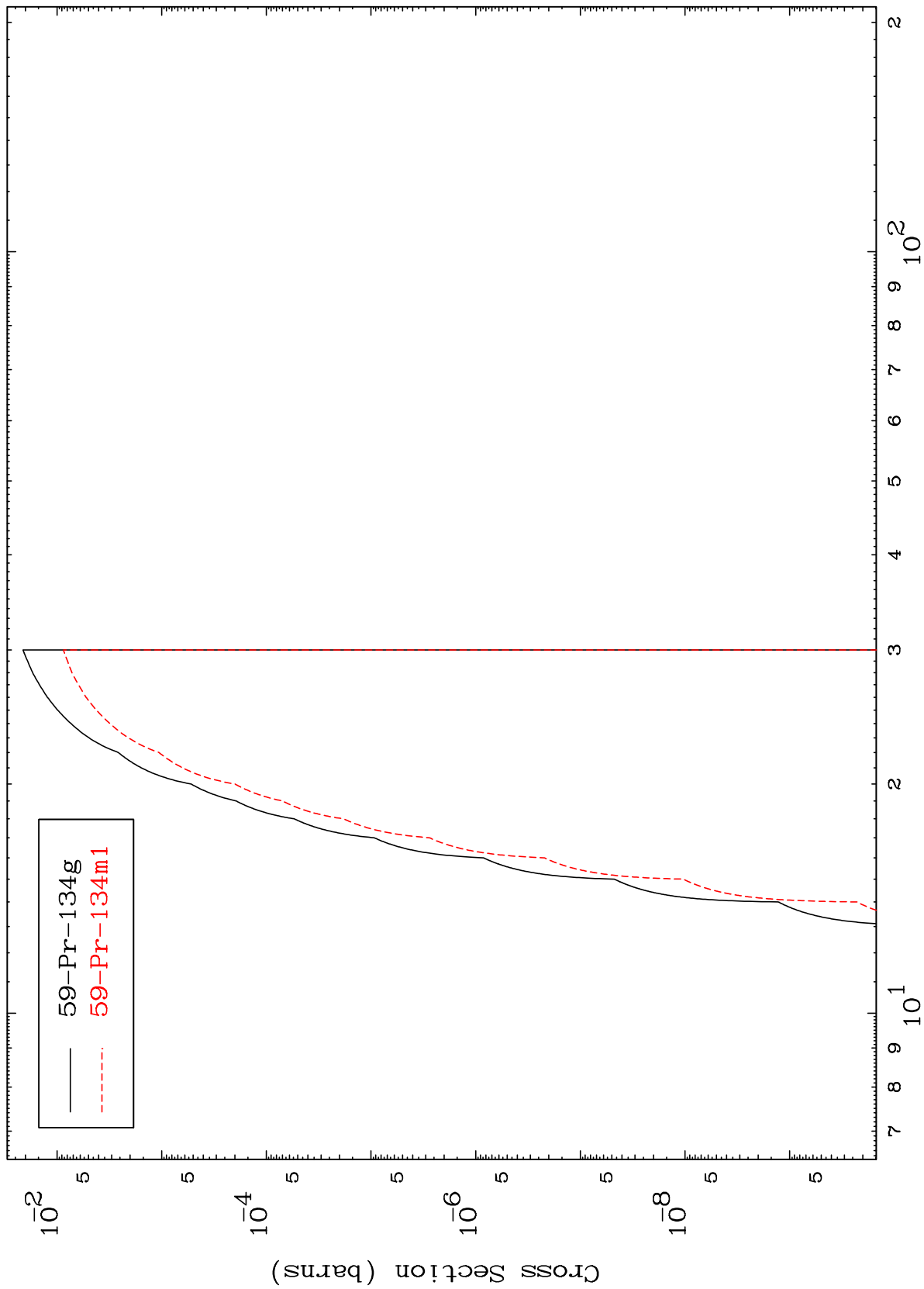
12

MAT 6013

(p,n')  $\alpha$

60-Nd-138

Radionuclide Production Cross Section



59-Pr-134g  
59-Pr-134m1

13

Incident Energy (MeV)

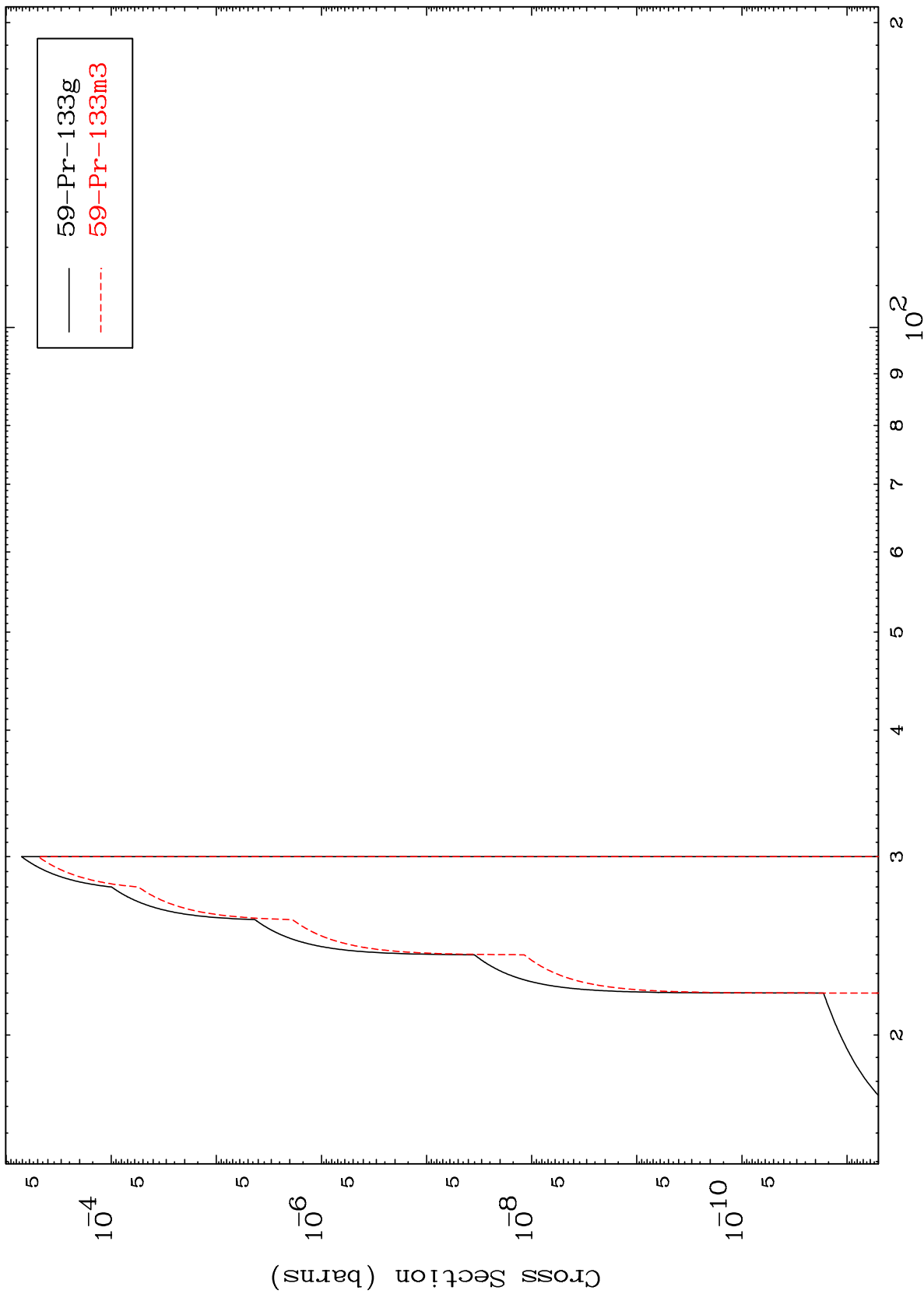
60-Nd-138

MAT 6013

(p,2n)  $\alpha$

60-Nd-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

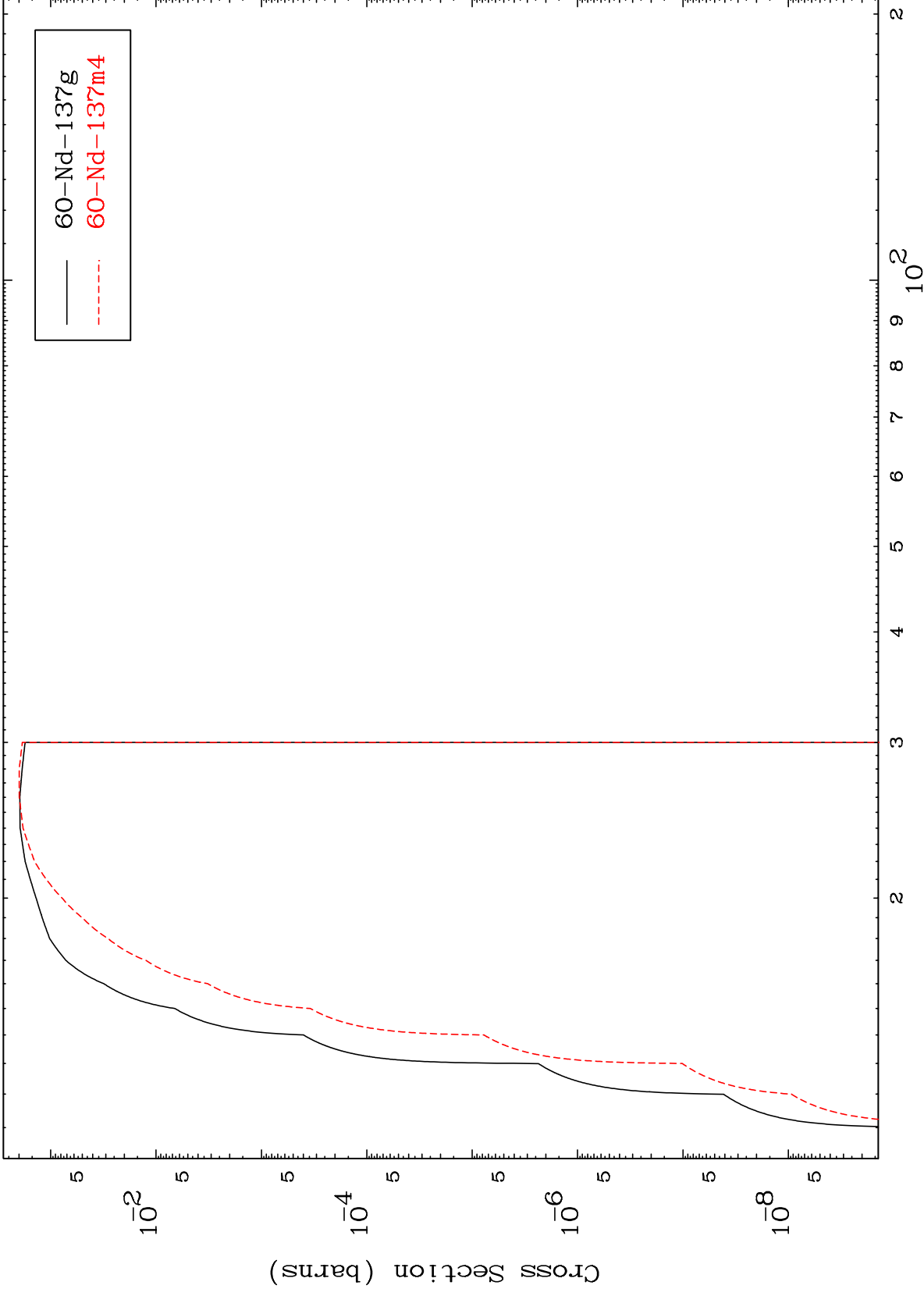
60-Nd-138

MAT 6013

(p,n') p

60-Nd-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-138

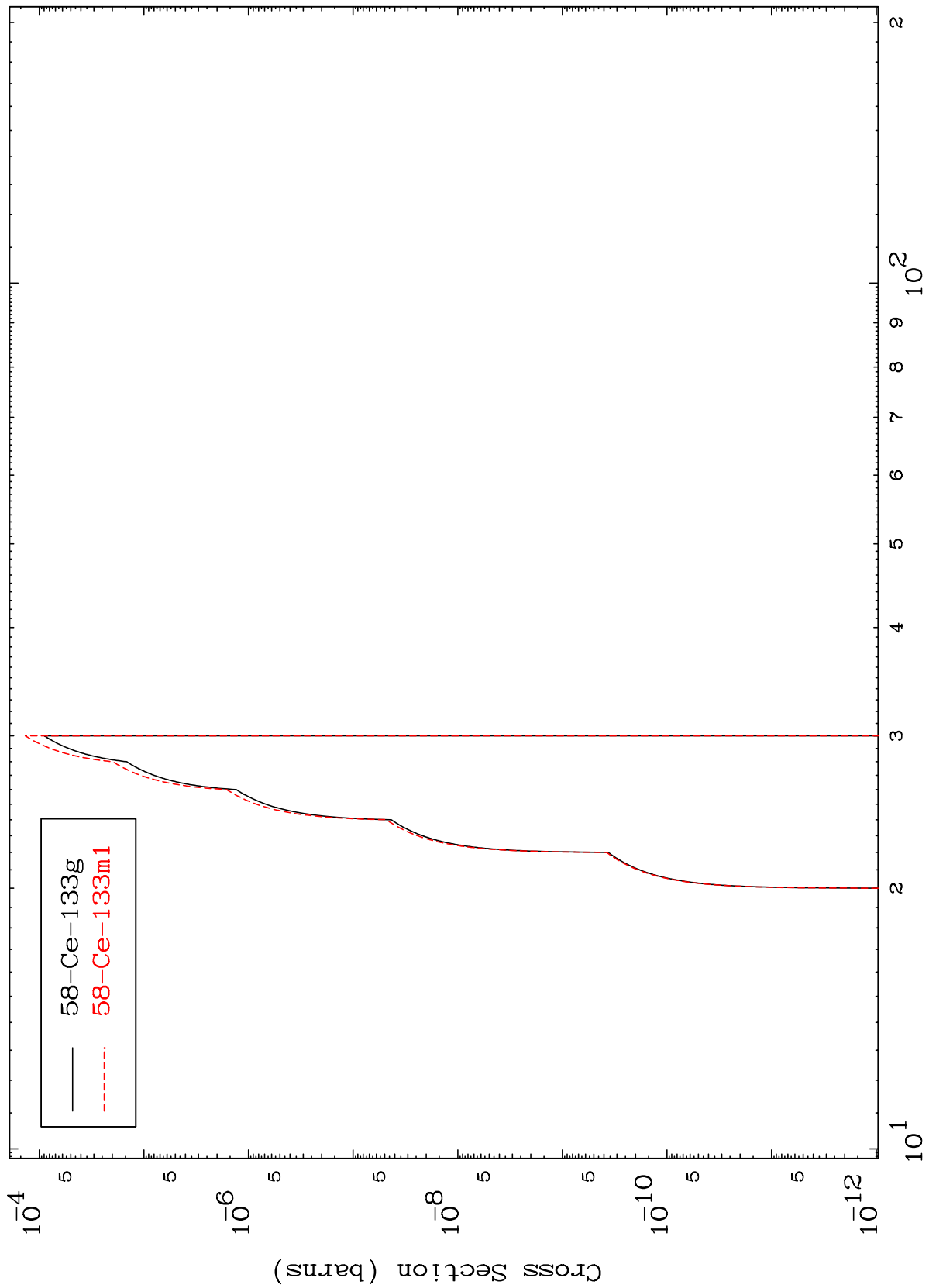


MAT 6013

(p,n') p  $\alpha$

60-Nd-138

Radionuclide Production Cross Section



Incident Energy (MeV)

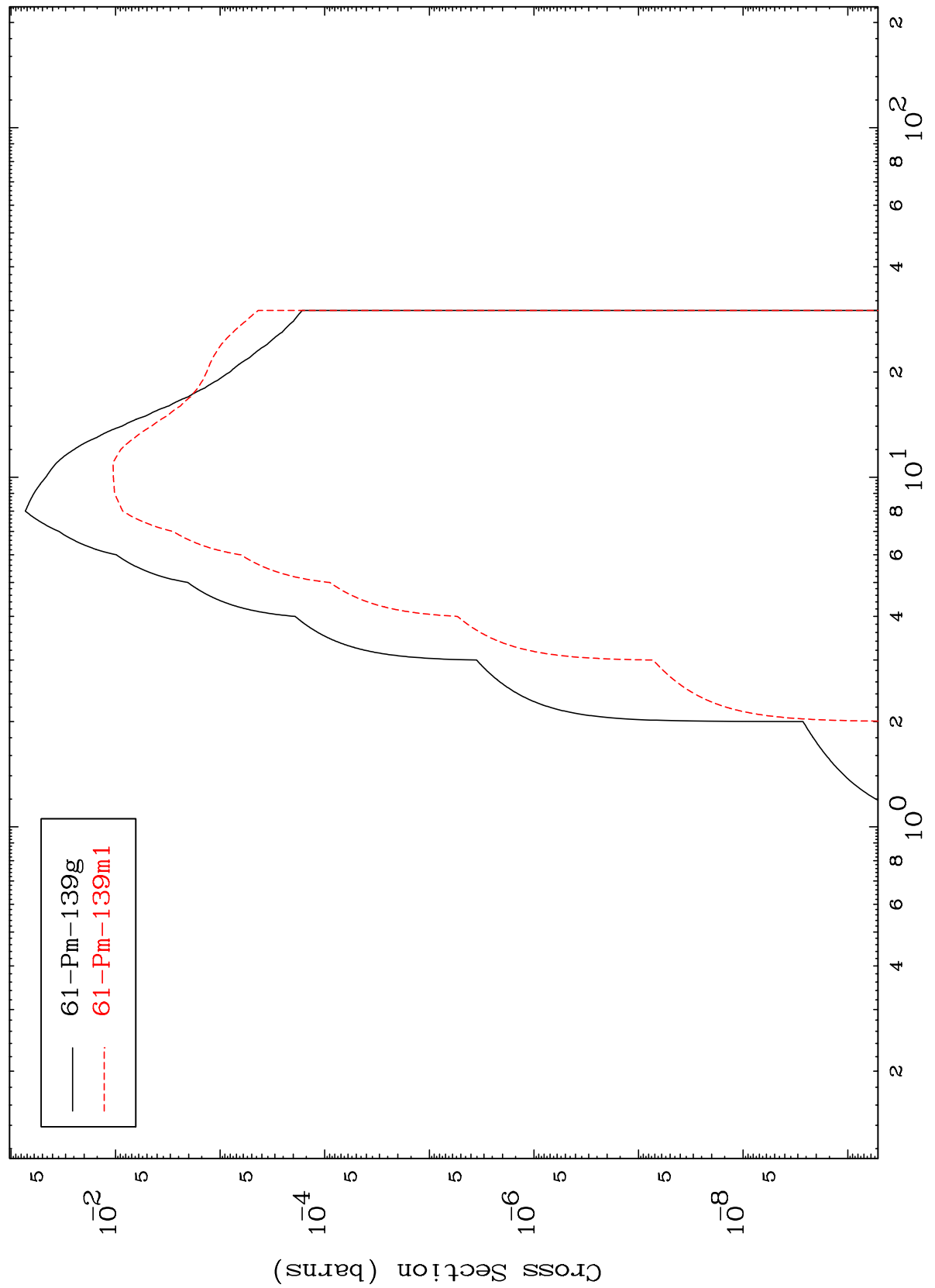
60-Nd-138

16

MAT 6013

60-Nd-138

(p,  $\gamma$ )  
Radionuclide Production Cross Section



17

60-Nd-138

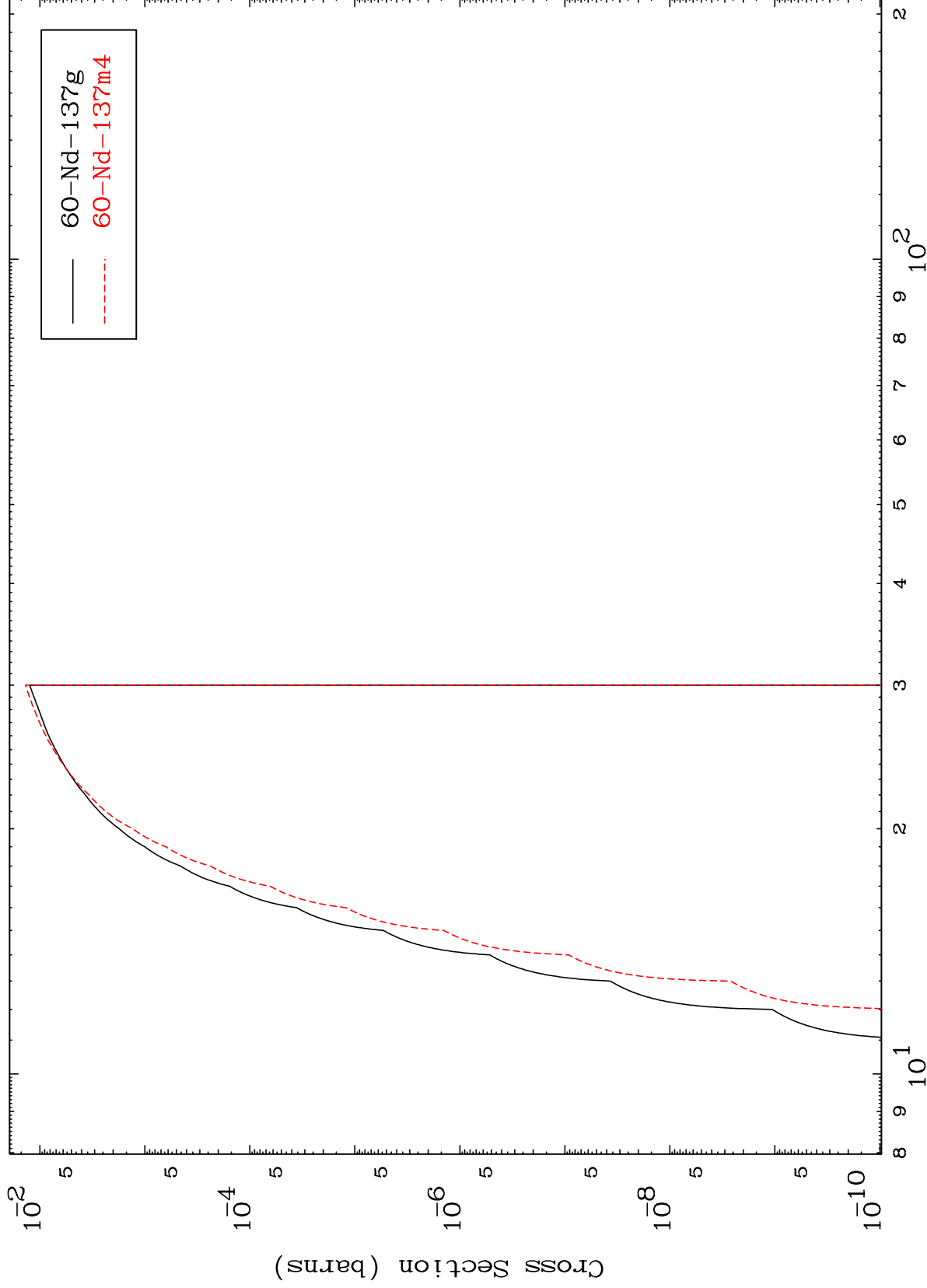
Incident Energy (MeV)

MAT 6013

(p,d)

60-Nd-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

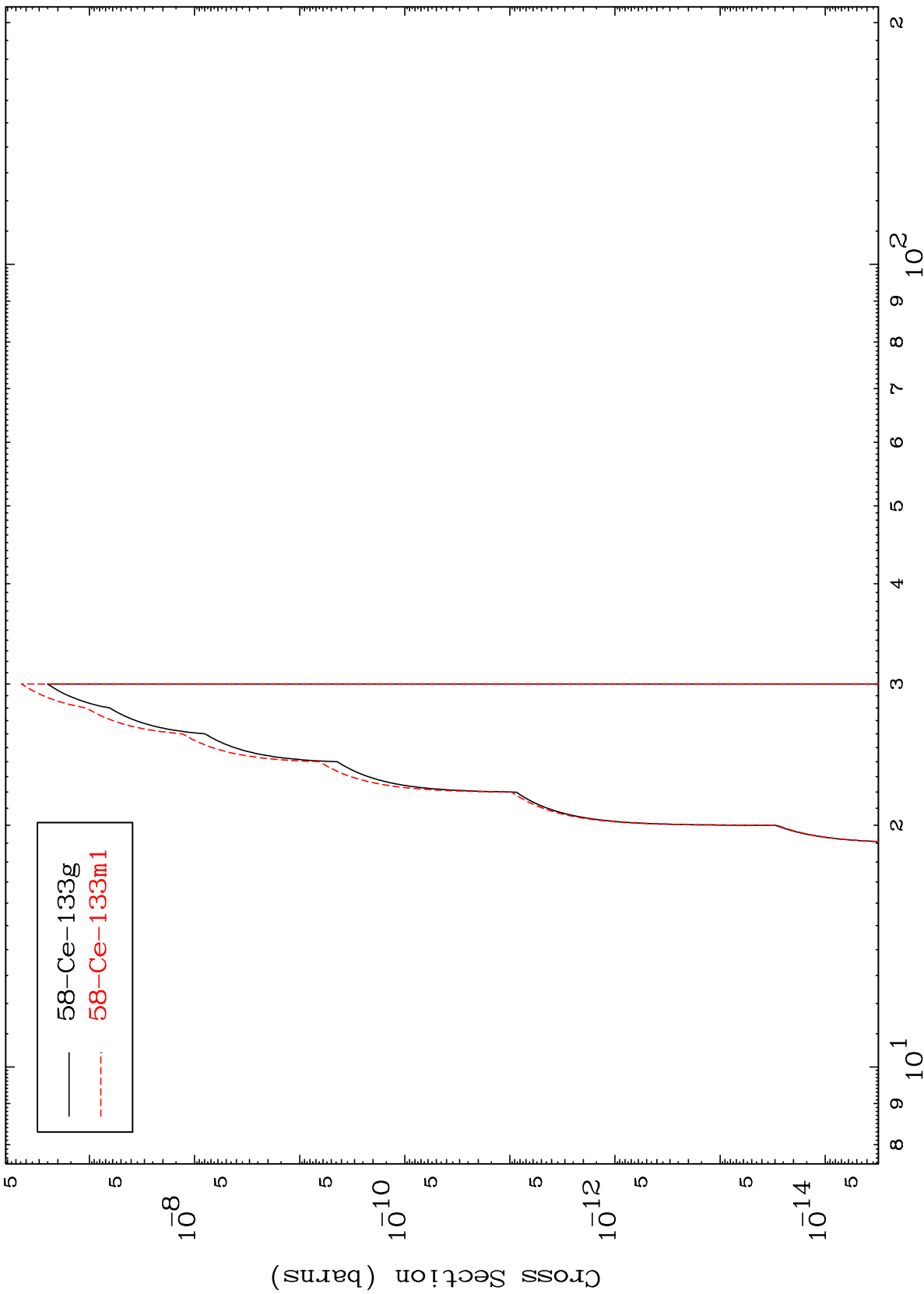
60-Nd-138

MAT 6013

(p,d)  $\alpha$

60-Nd-138

Radionuclide Production Cross Section



19

Incident Energy (MeV)

60-Nd-138