

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

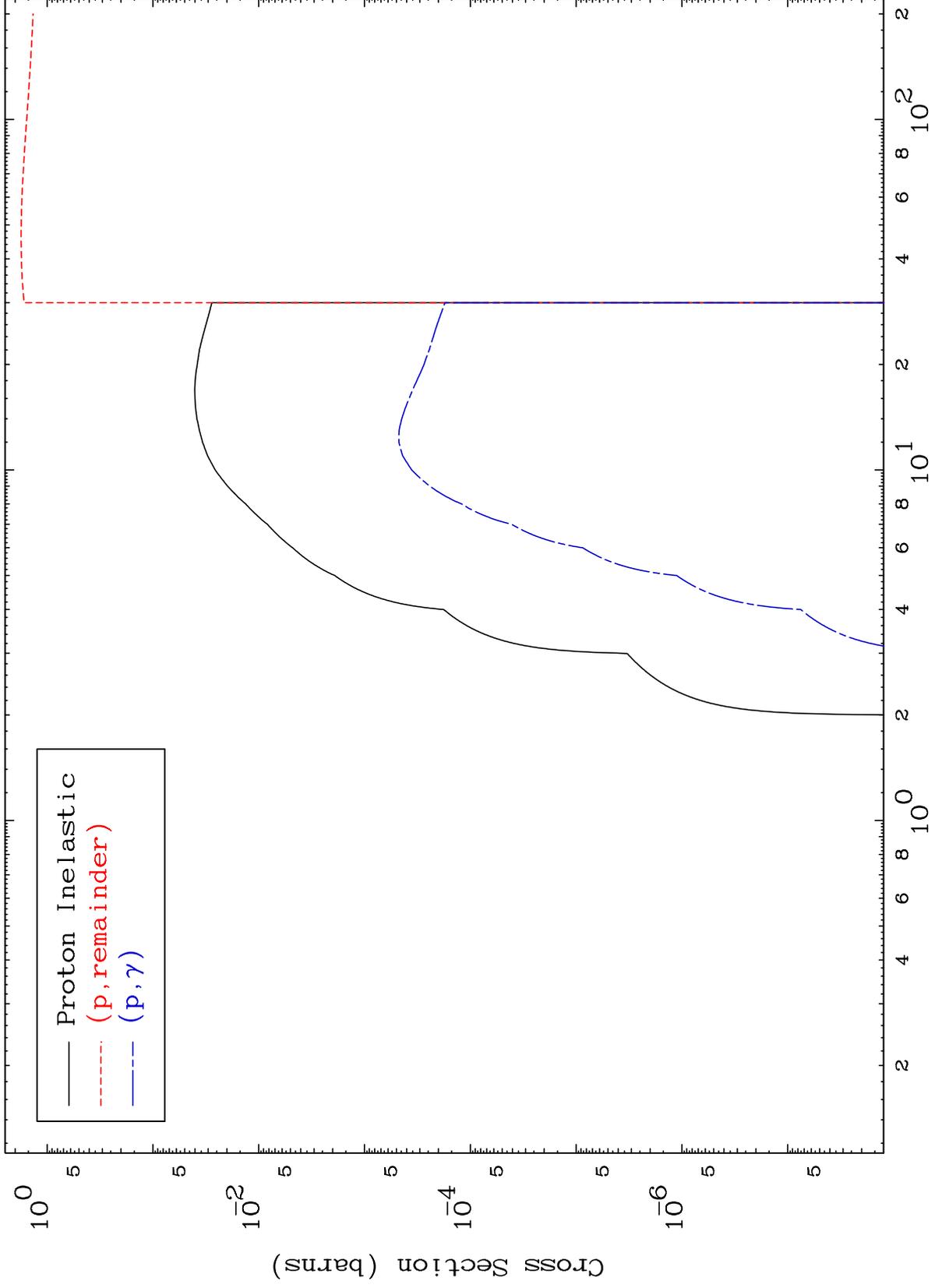
Press Mouse Button to Start

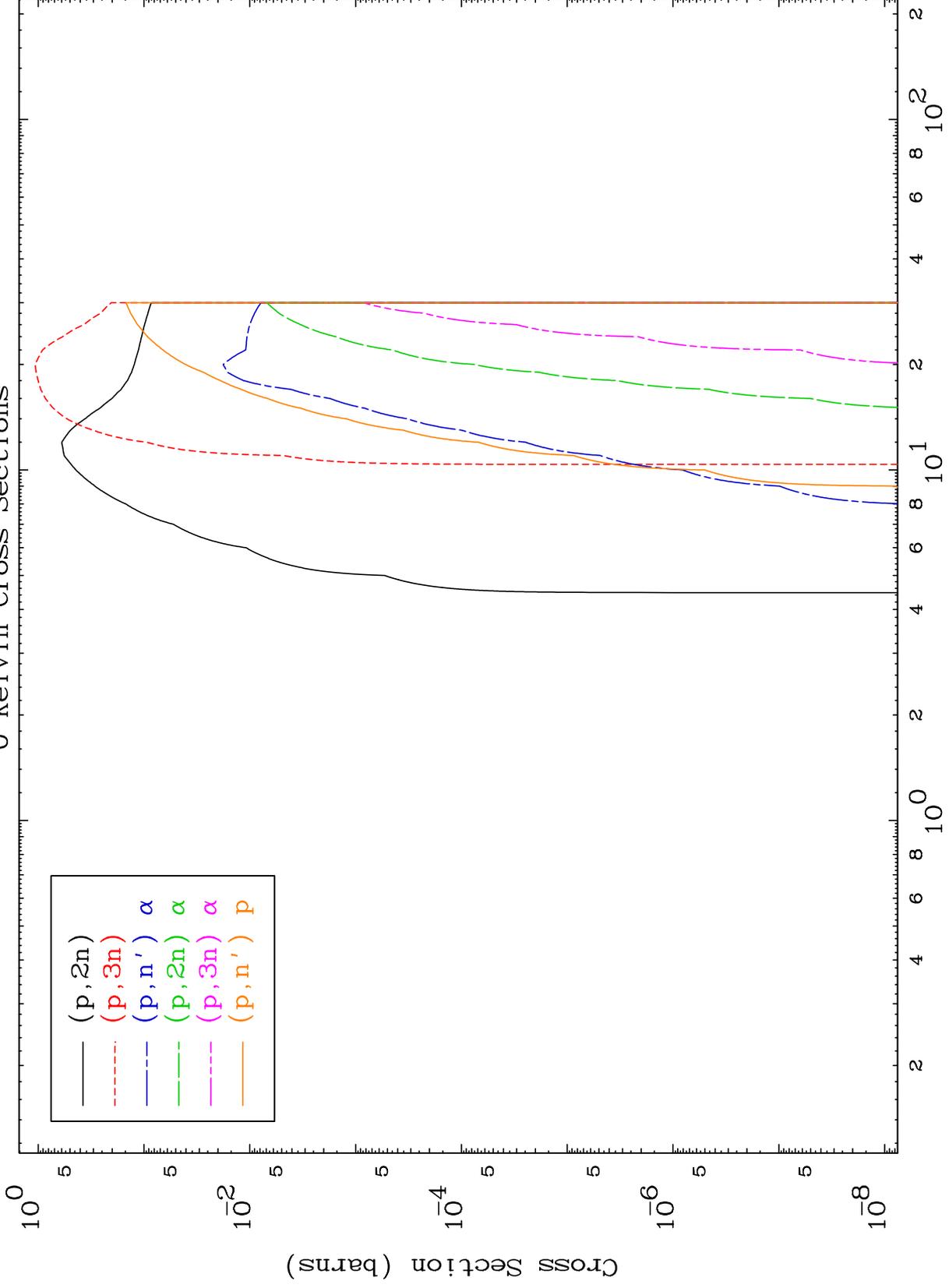
MAT 6171

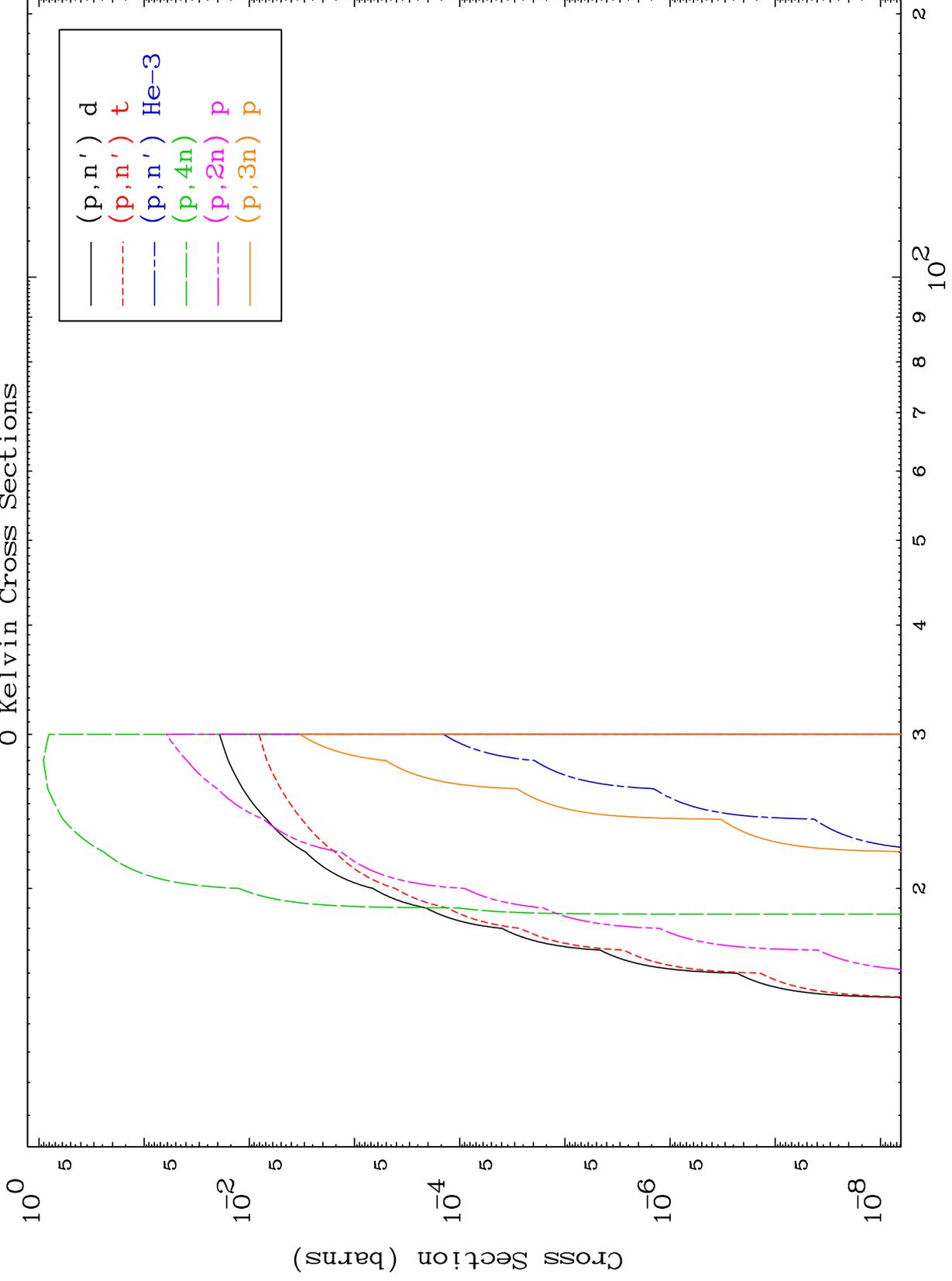
Proton Major

61-Pm-154

0 Kelvin Cross Sections



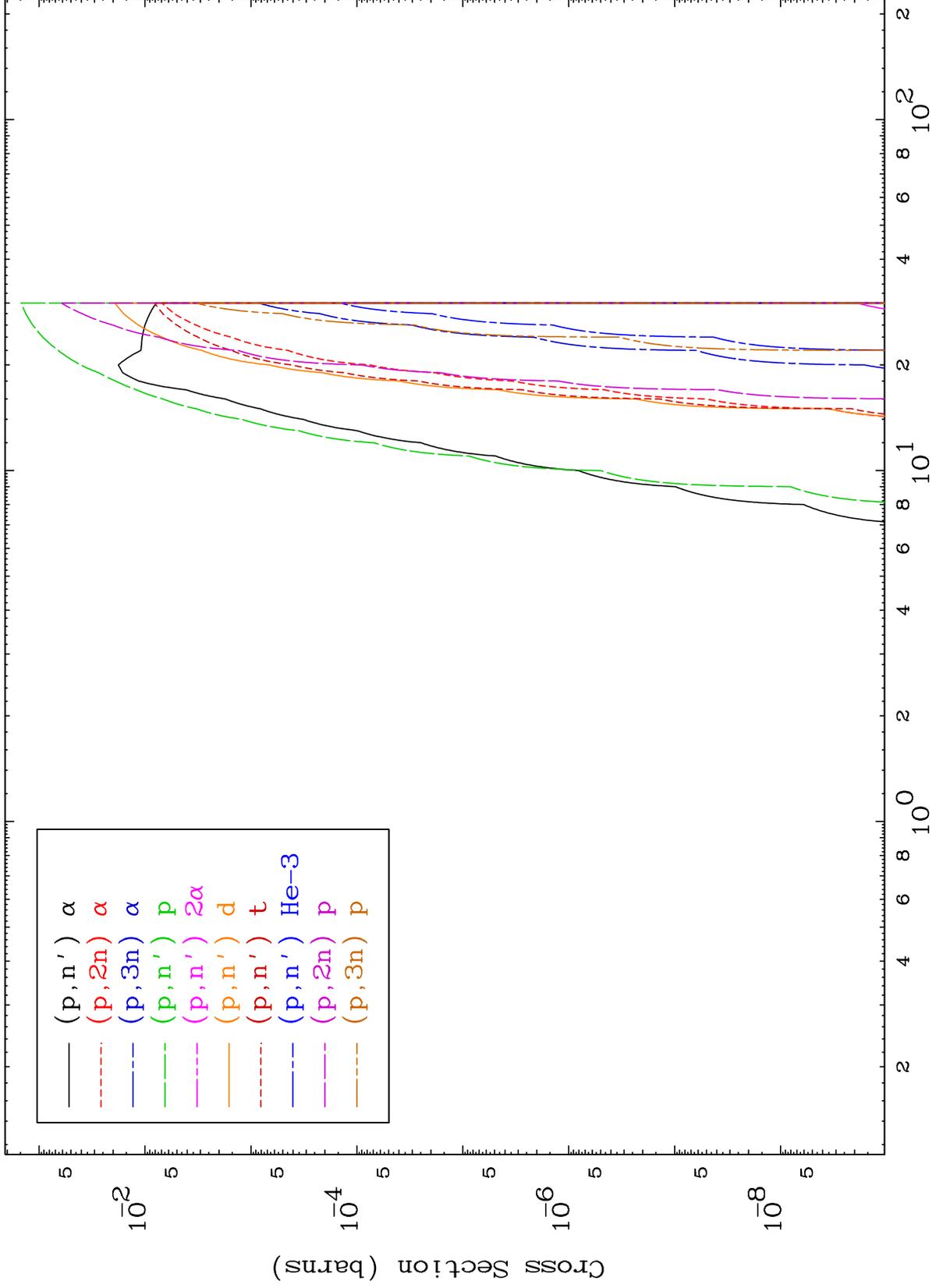


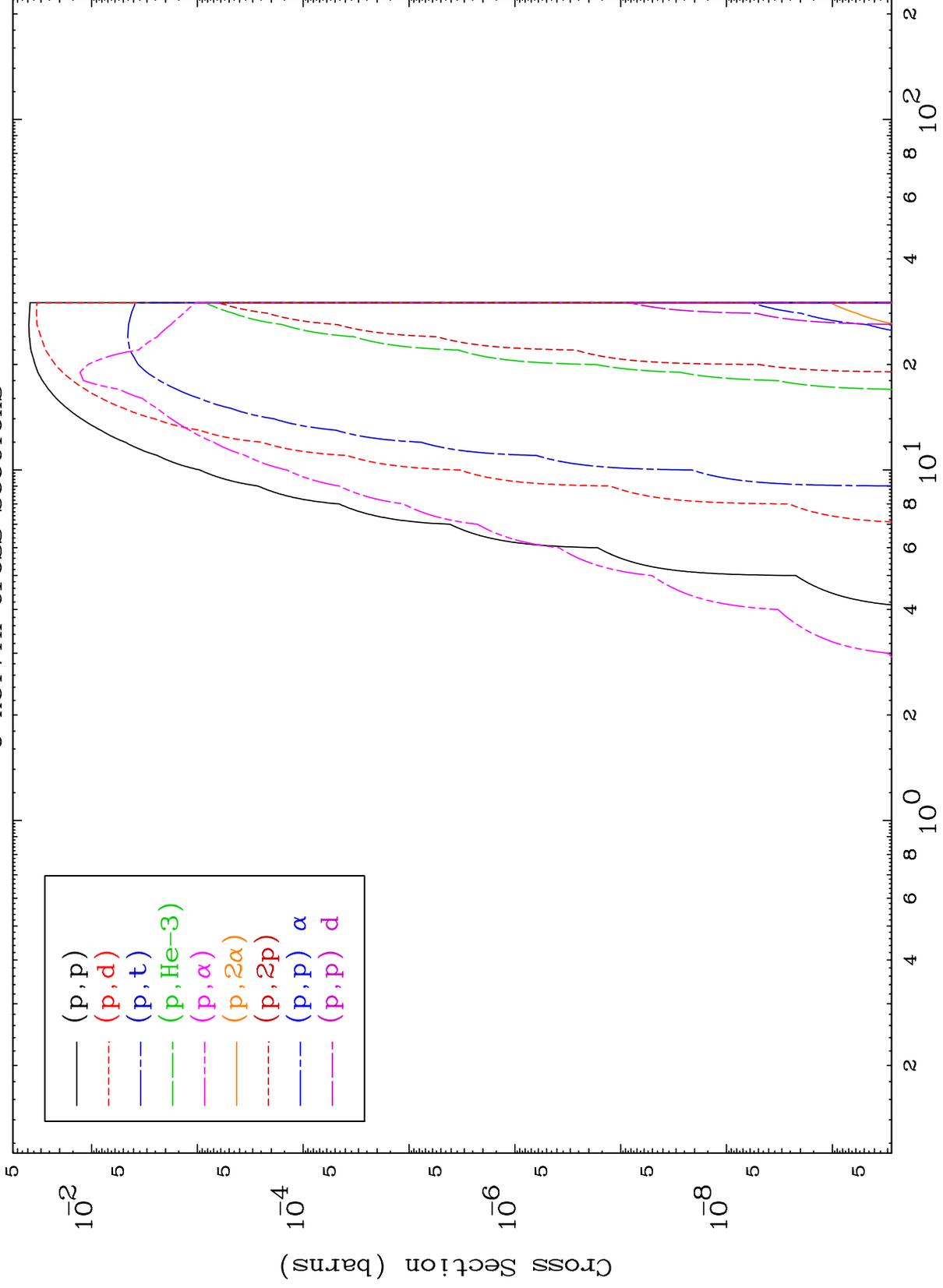


MAT 6171

Proton Charged Particle  
0 Kelvin Cross Sections

61-Pm-154



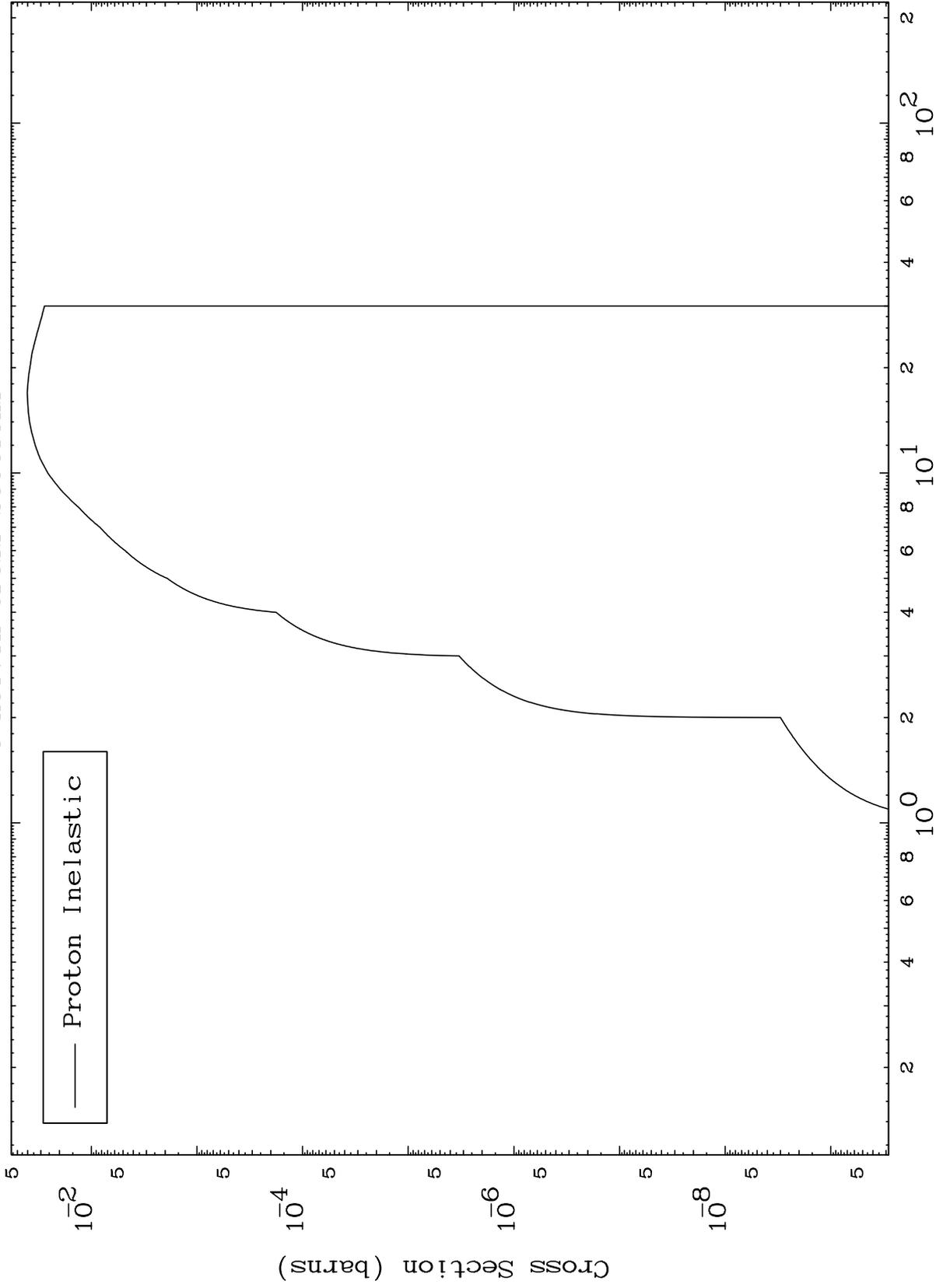


MAT 6171

(p,n') Level

61-Pm-154

0 Kelvin Cross Sections



6

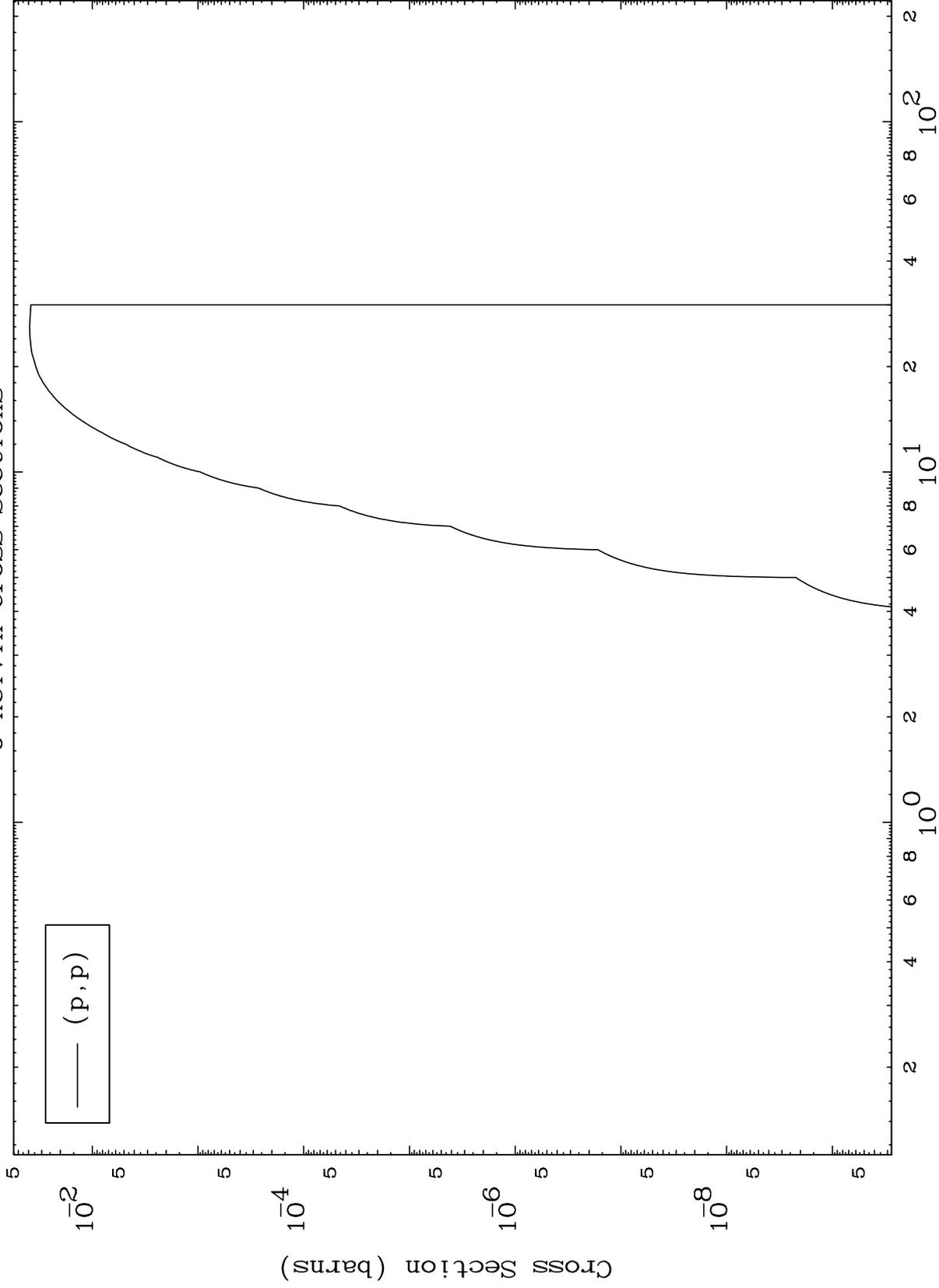
Incident Energy (MeV)

61-Pm-154

MAT 6171

(p,p) Levels  
0 Kelvin Cross Sections

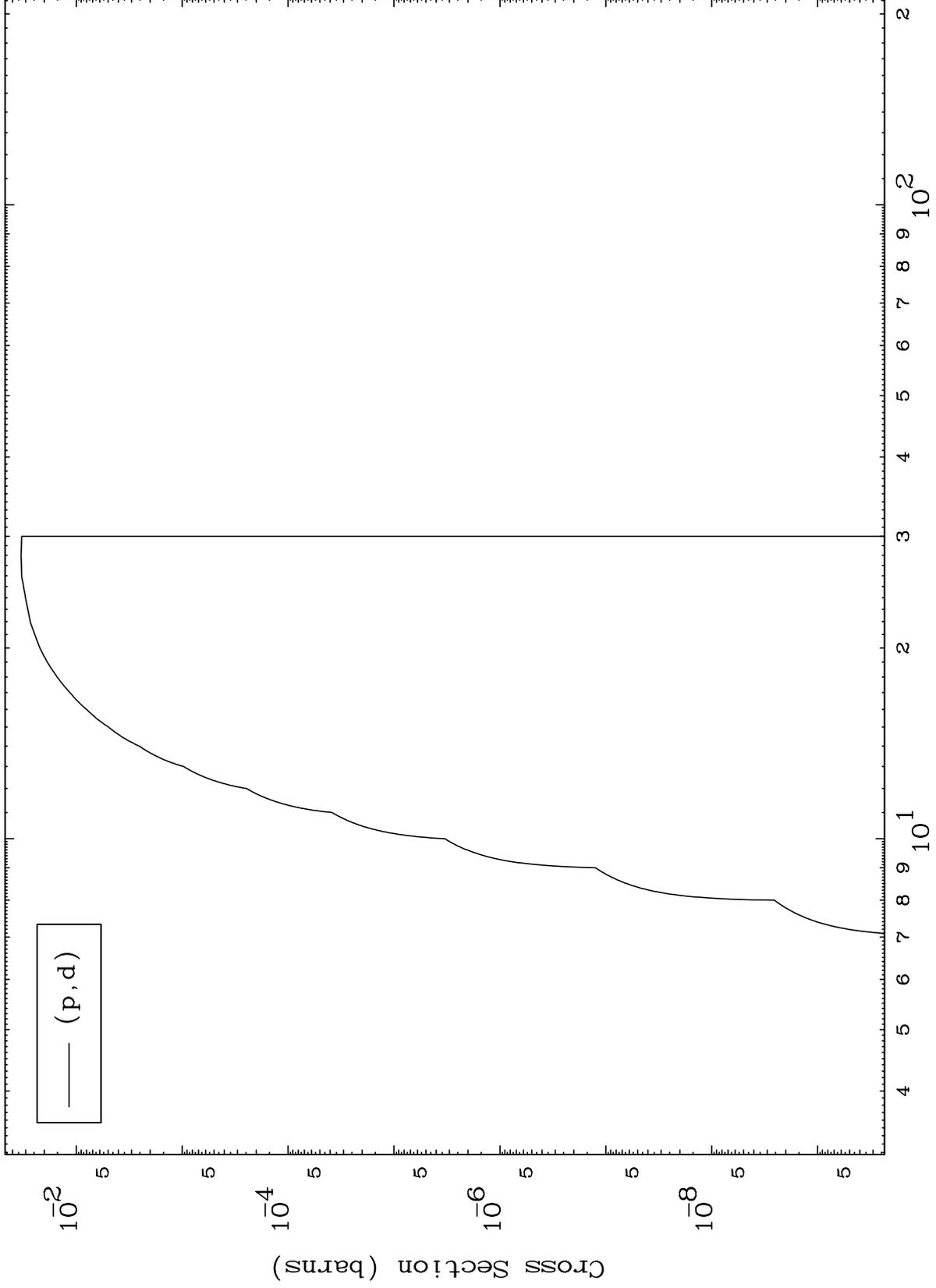
61-Pm-154



MAT 6171

(p,d) Levels  
0 Kelvin Cross Sections

61-Pm-154



8

Incident Energy (MeV)

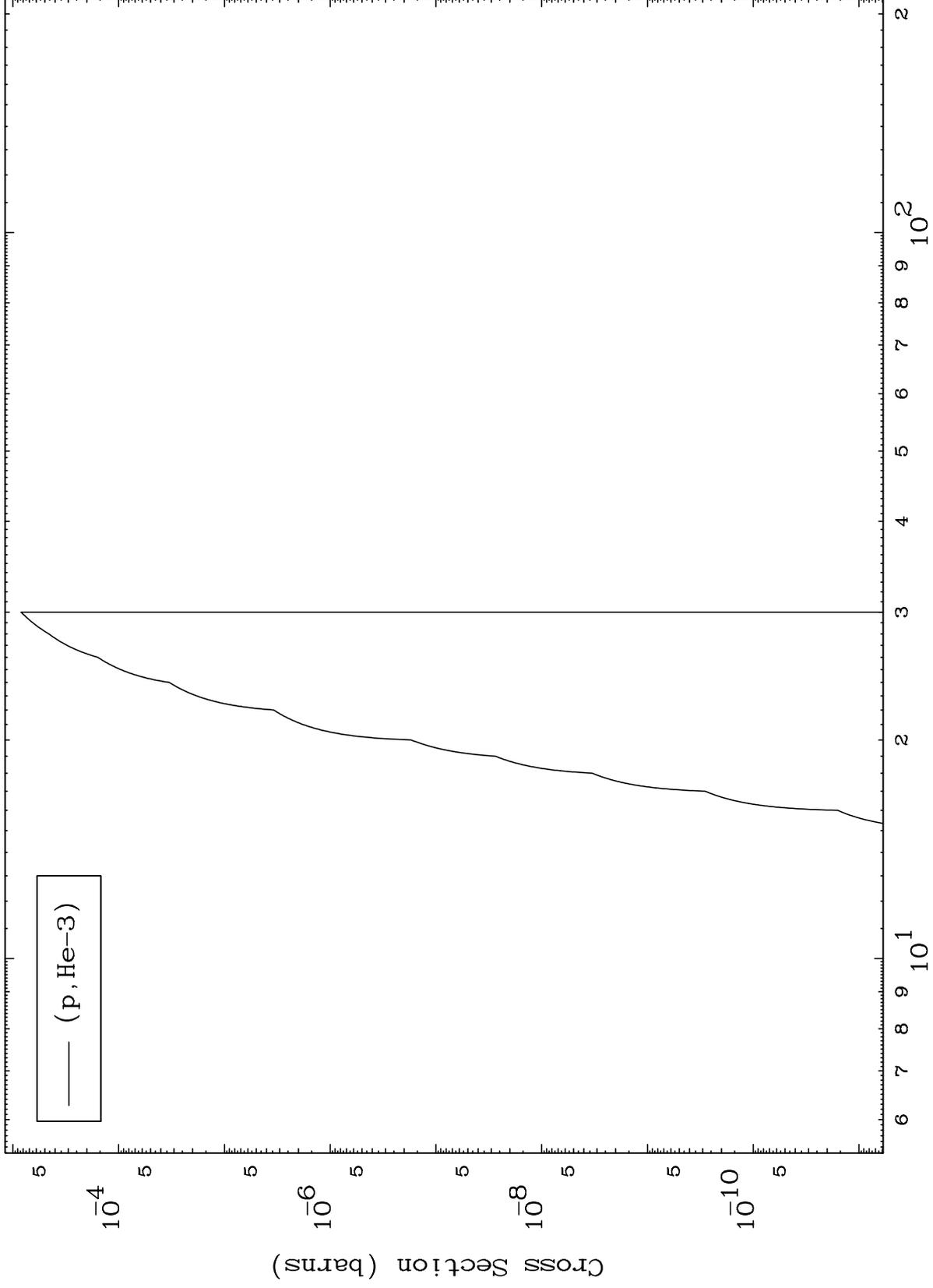
61-Pm-154



MAT 6171

(p,He3) Levels  
0 Kelvin Cross Sections

61-Pm-154



10

Incident Energy (MeV)

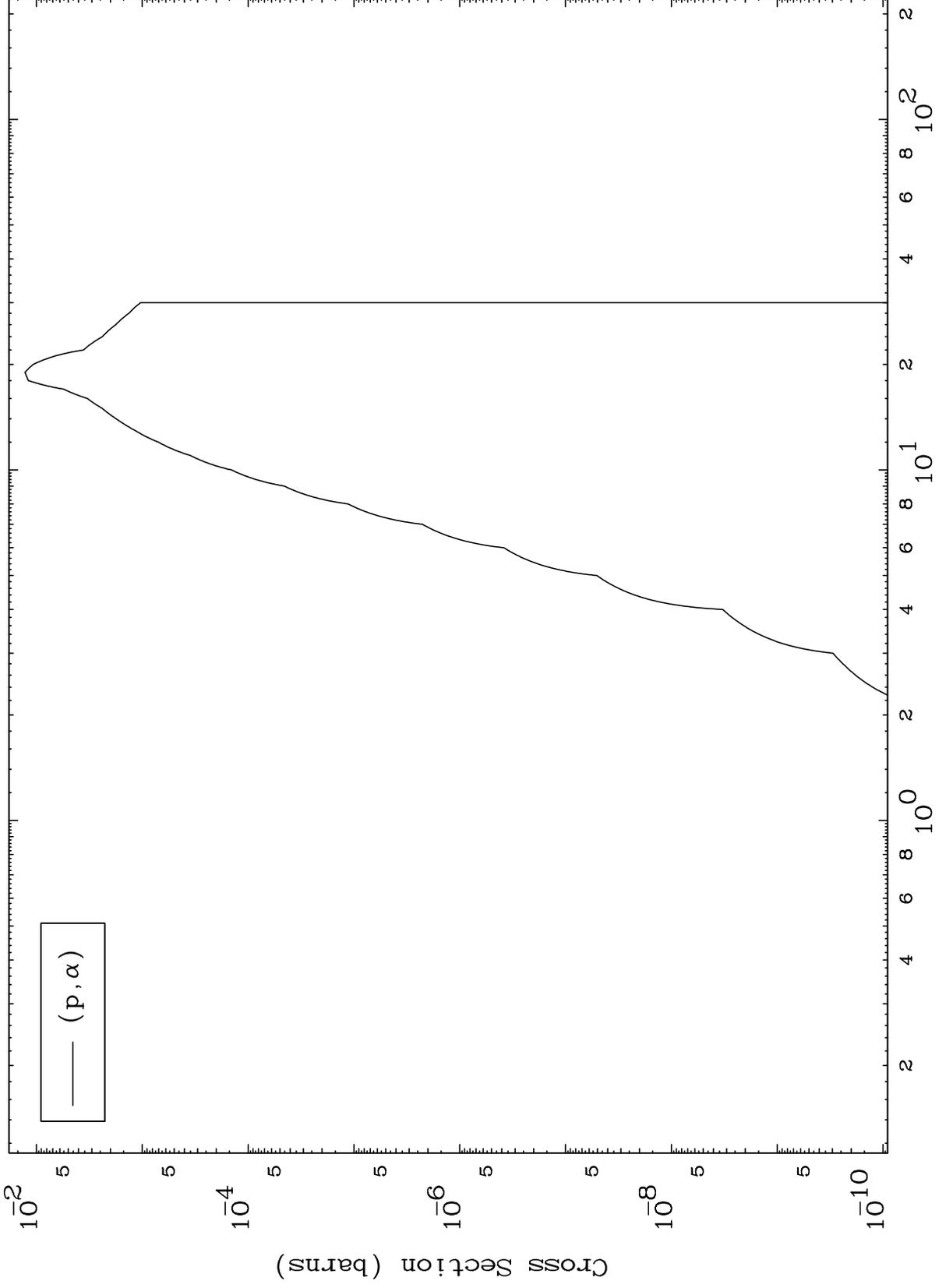
61-Pm-154

MAT 6171

(p,  $\alpha$ ) Levels

61-Pm-154

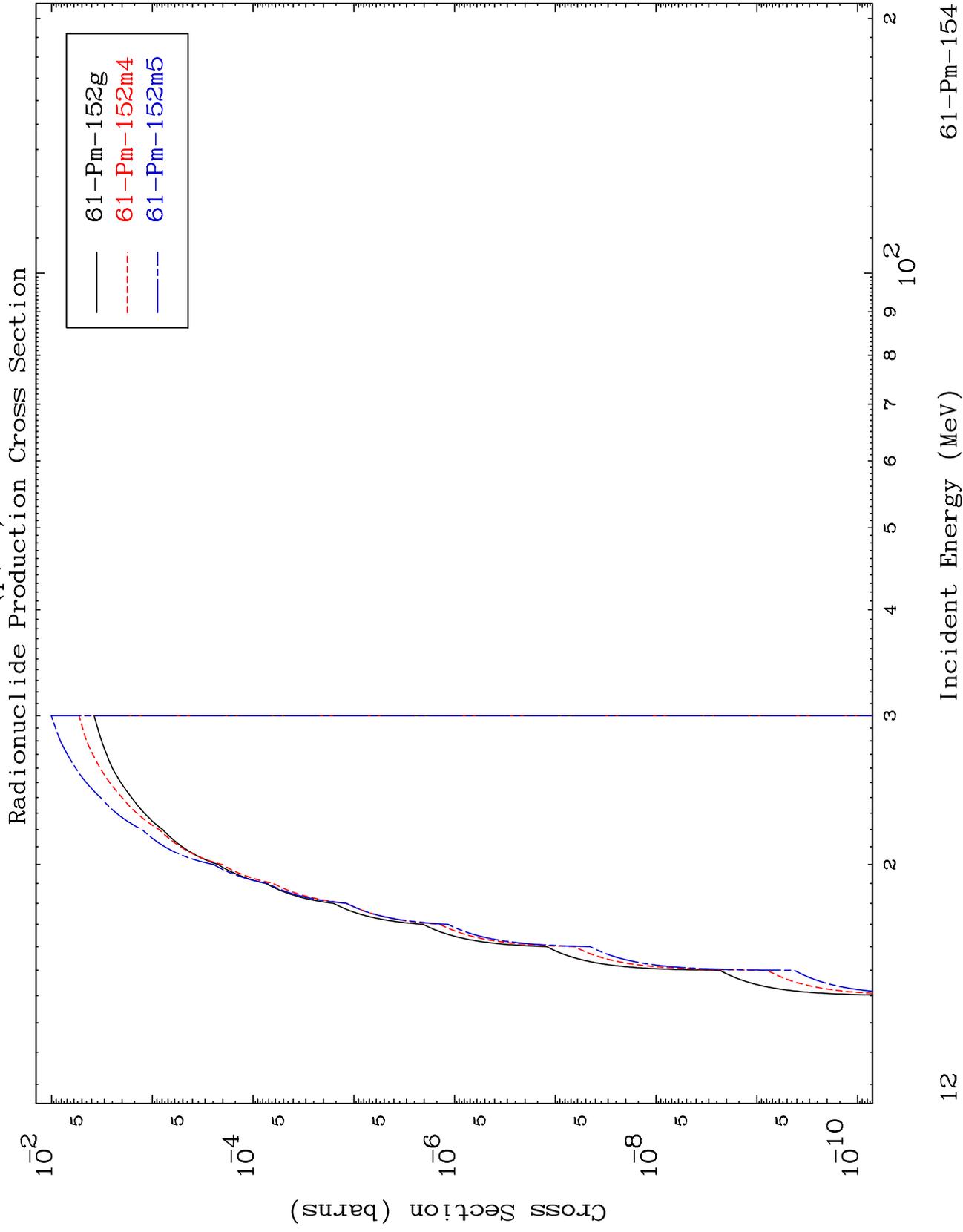
0 Kelvin Cross Sections



MAT 6171

(p,n') d

61-Pm-154



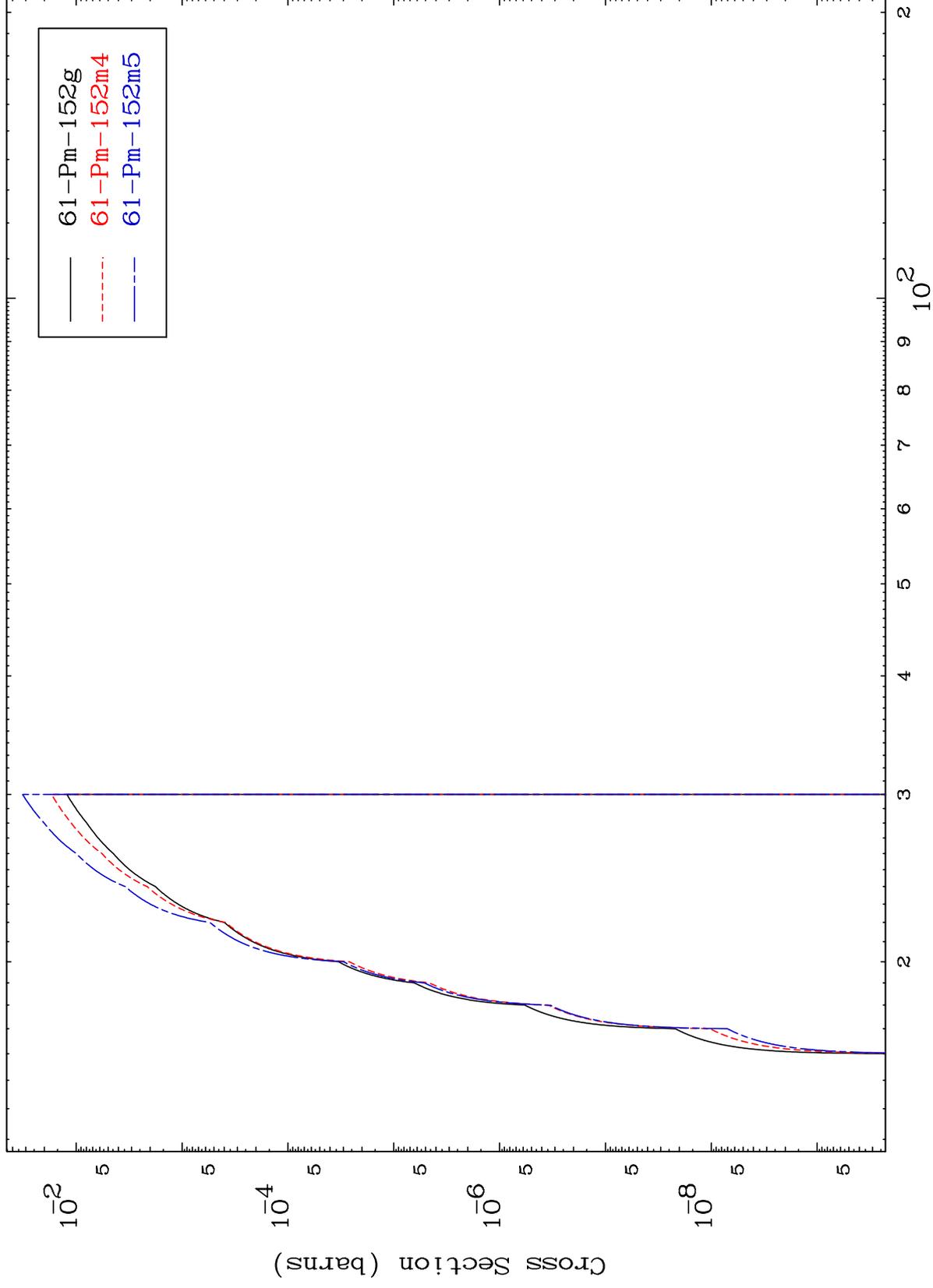
12

MAT 6171

(p,2n) p

61-Pm-154

Radionuclide Production Cross Section



13

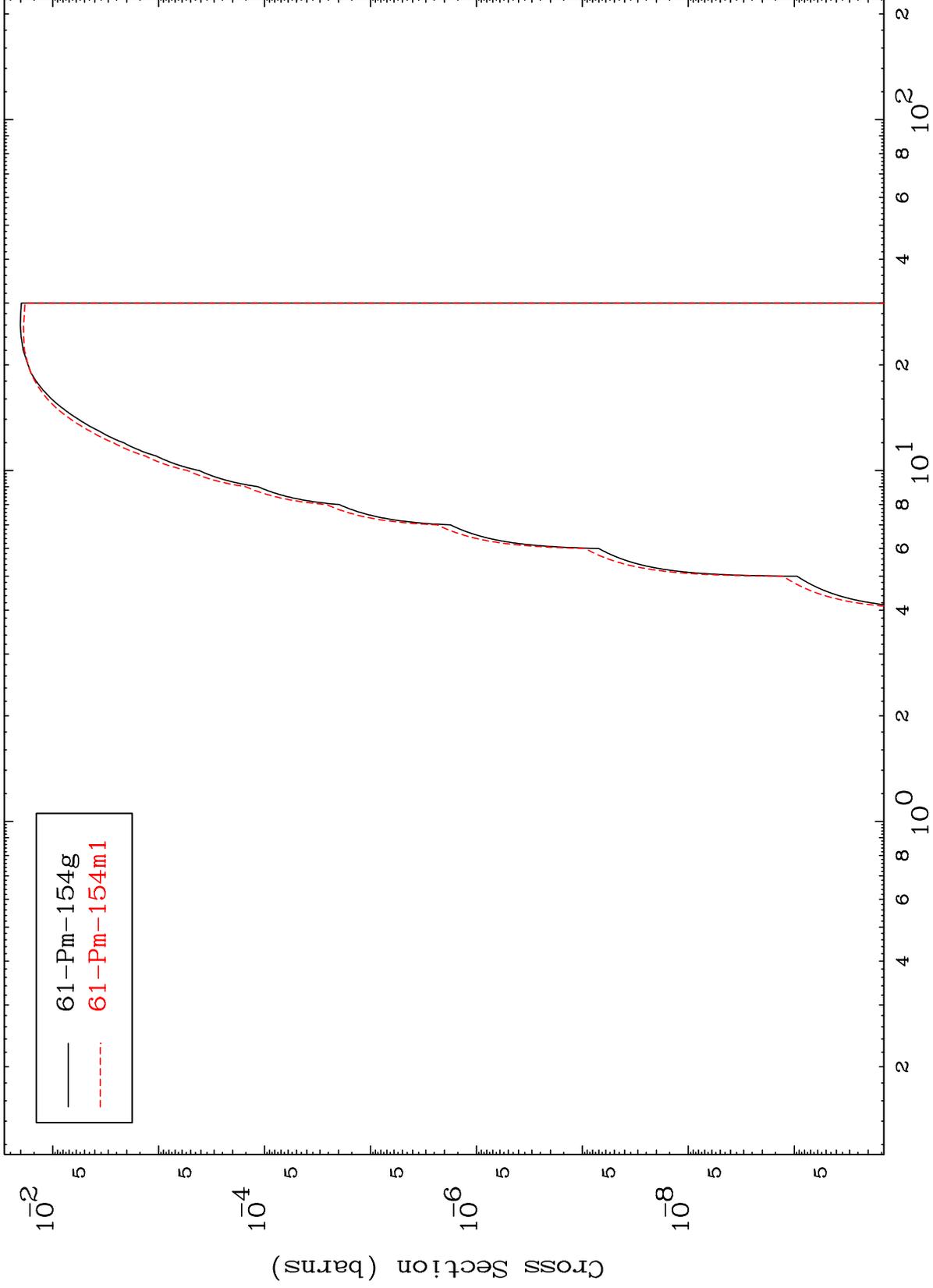
Incident Energy (MeV)

61-Pm-154

MAT 6171

61-Pm-154

Radionuclide Production Cross Section (p,p)



14

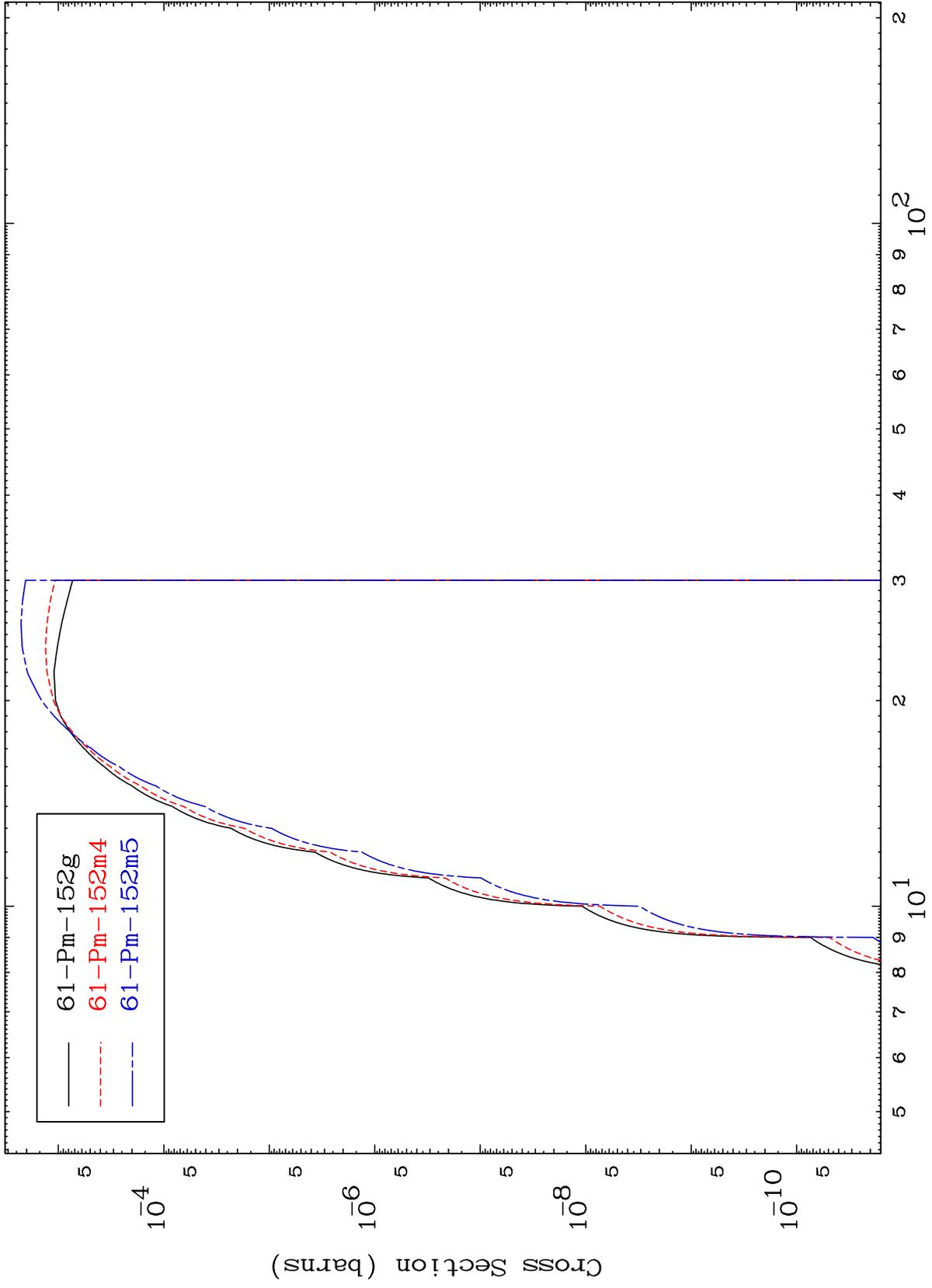
Incident Energy (MeV)

61-Pm-154

MAT 6171

61-Pm-154

(p, t)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-154