

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

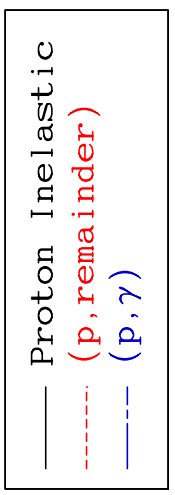
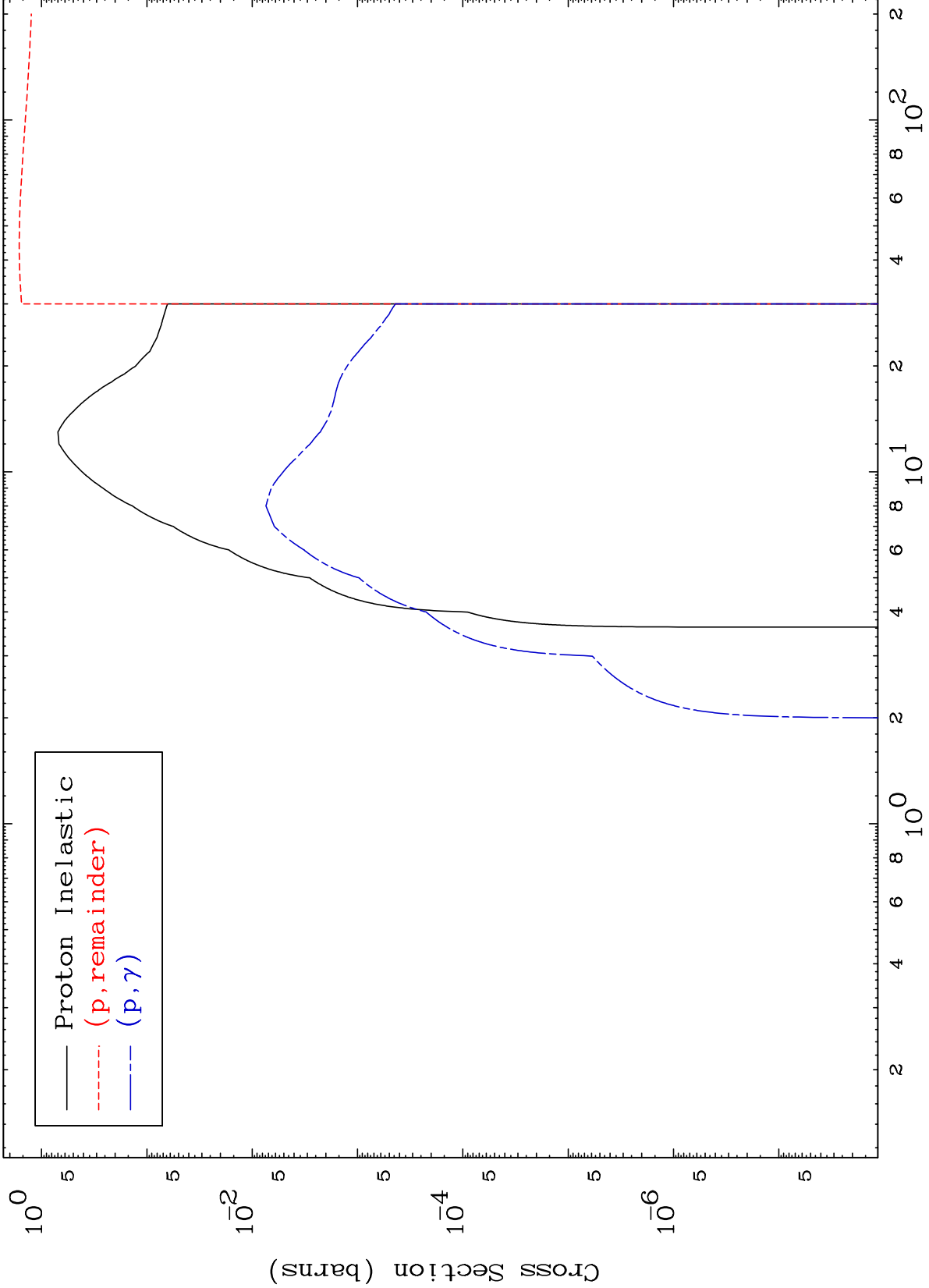
Press Mouse Button to Start

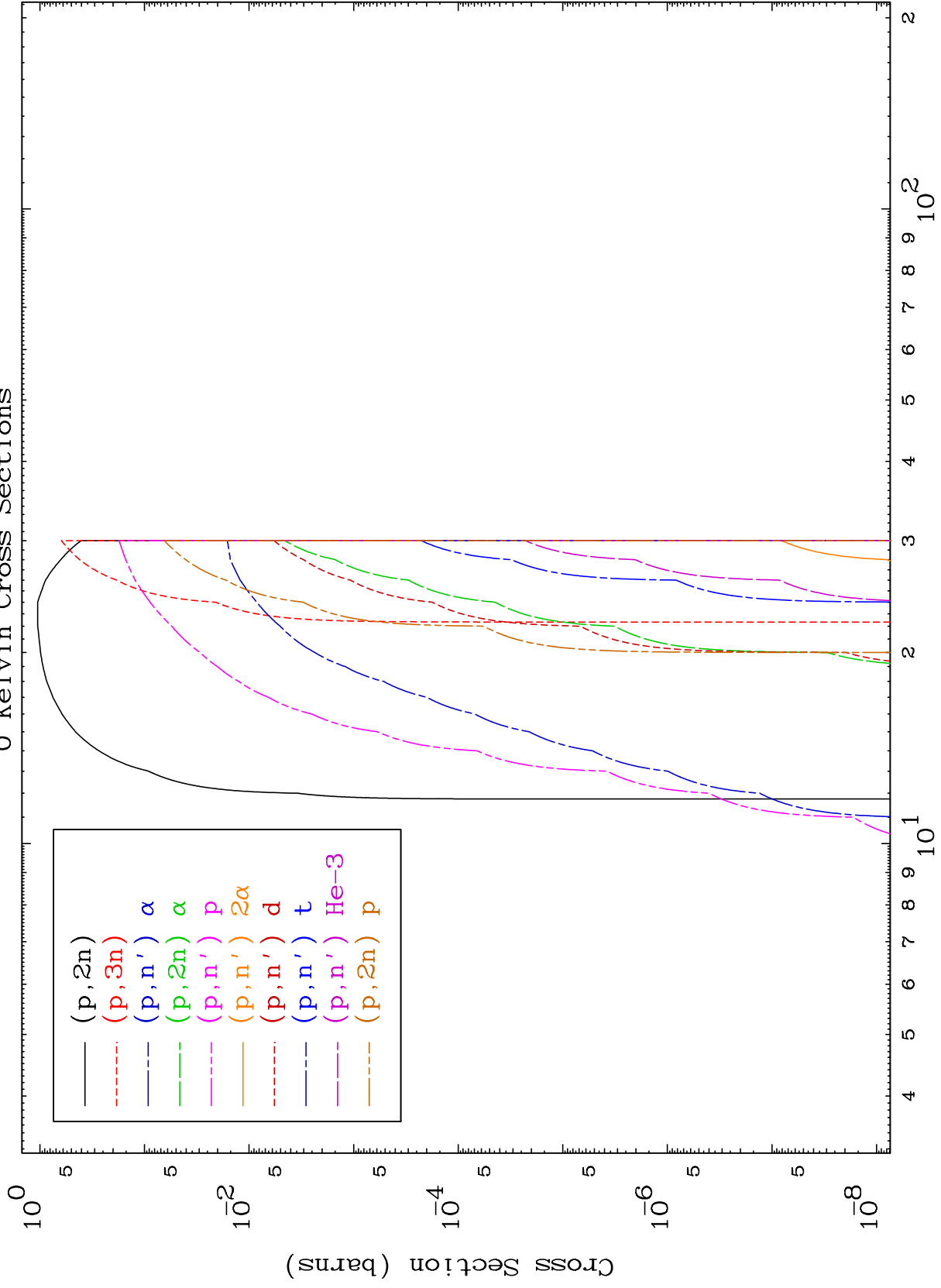
MAT 5919

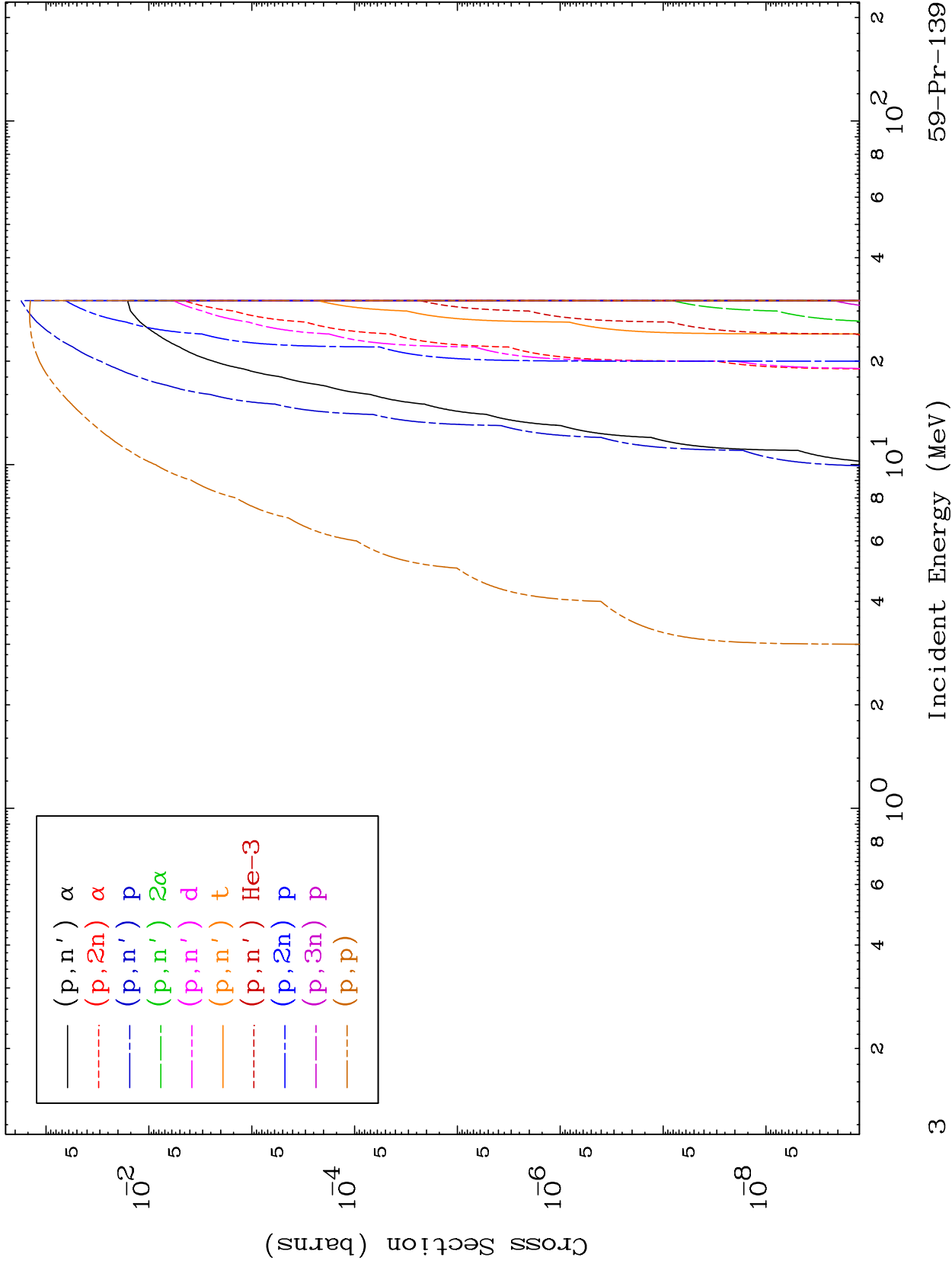
Proton Major

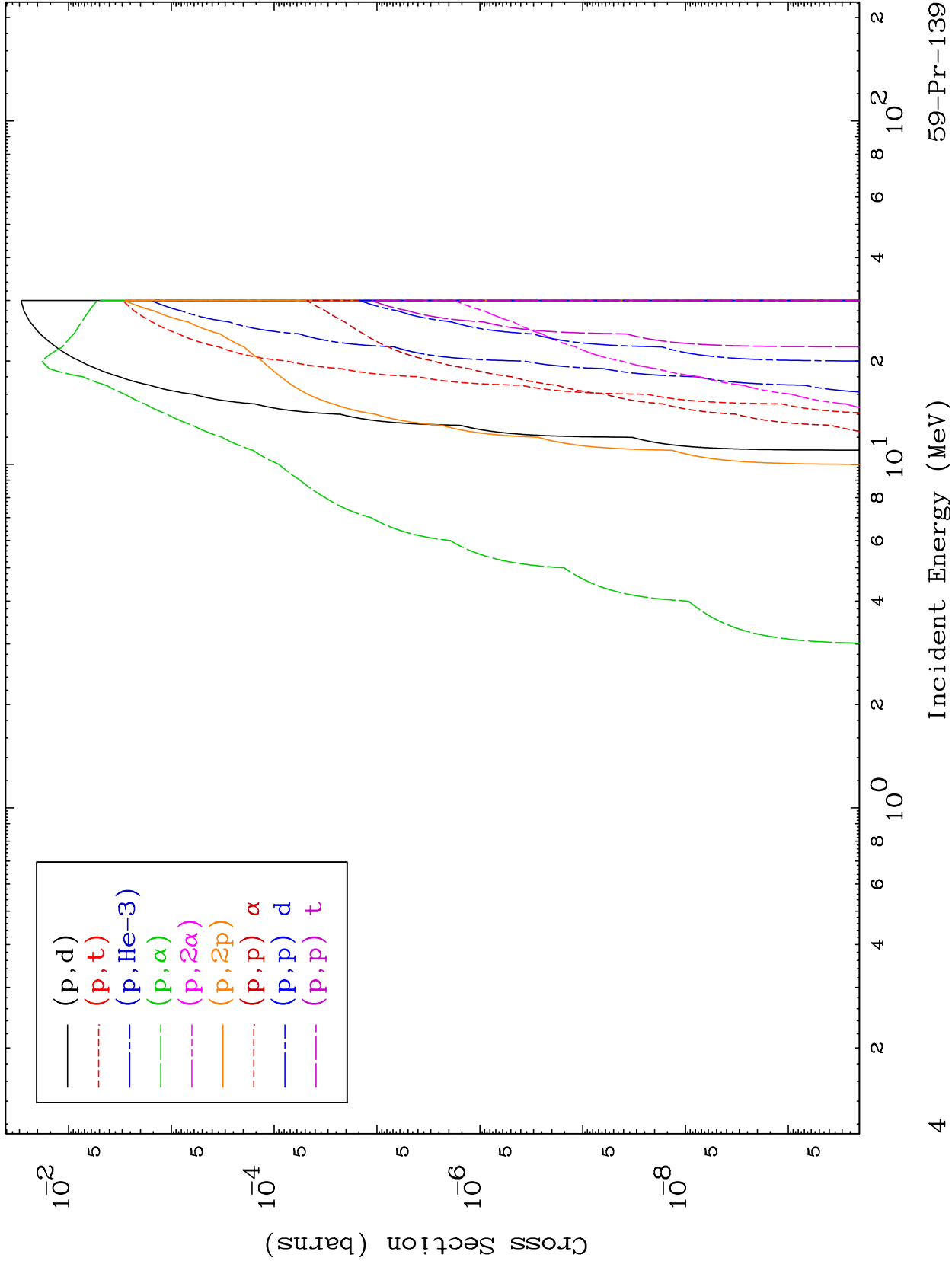
59-Pr-139

0 Kelvin Cross Sections

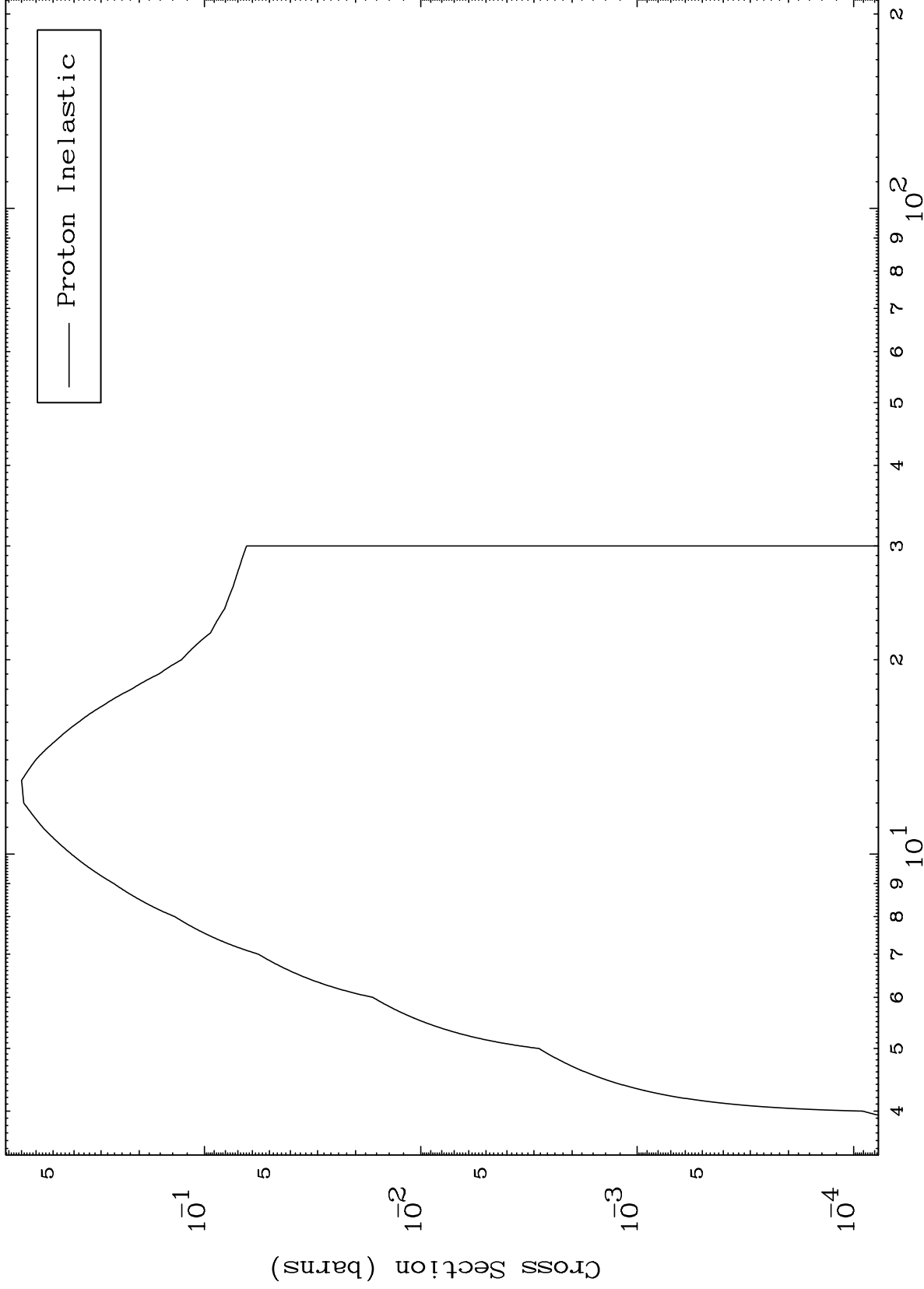








(p,n') Level  
0 Kelvin Cross Sections

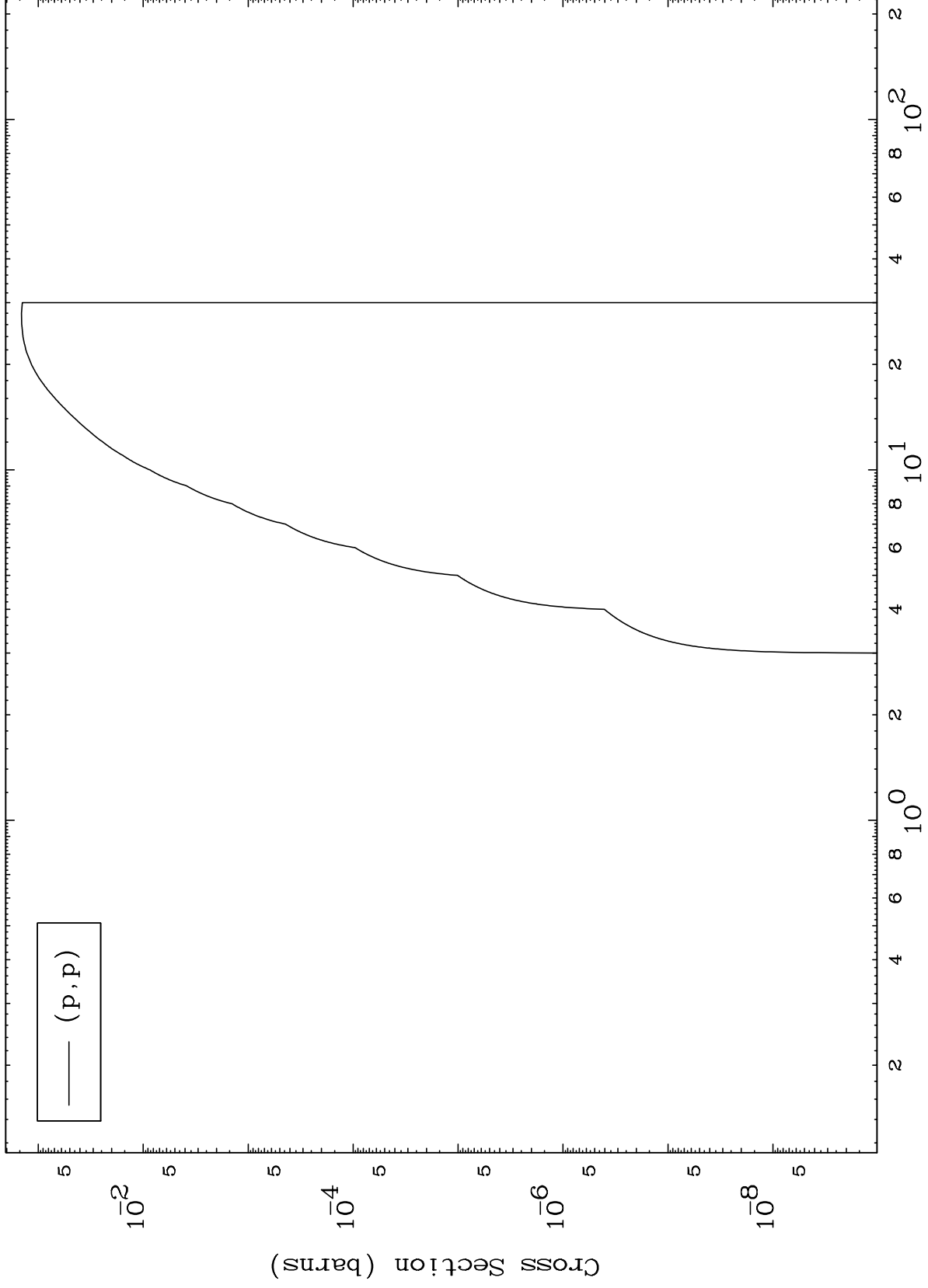


Incident Energy (MeV)

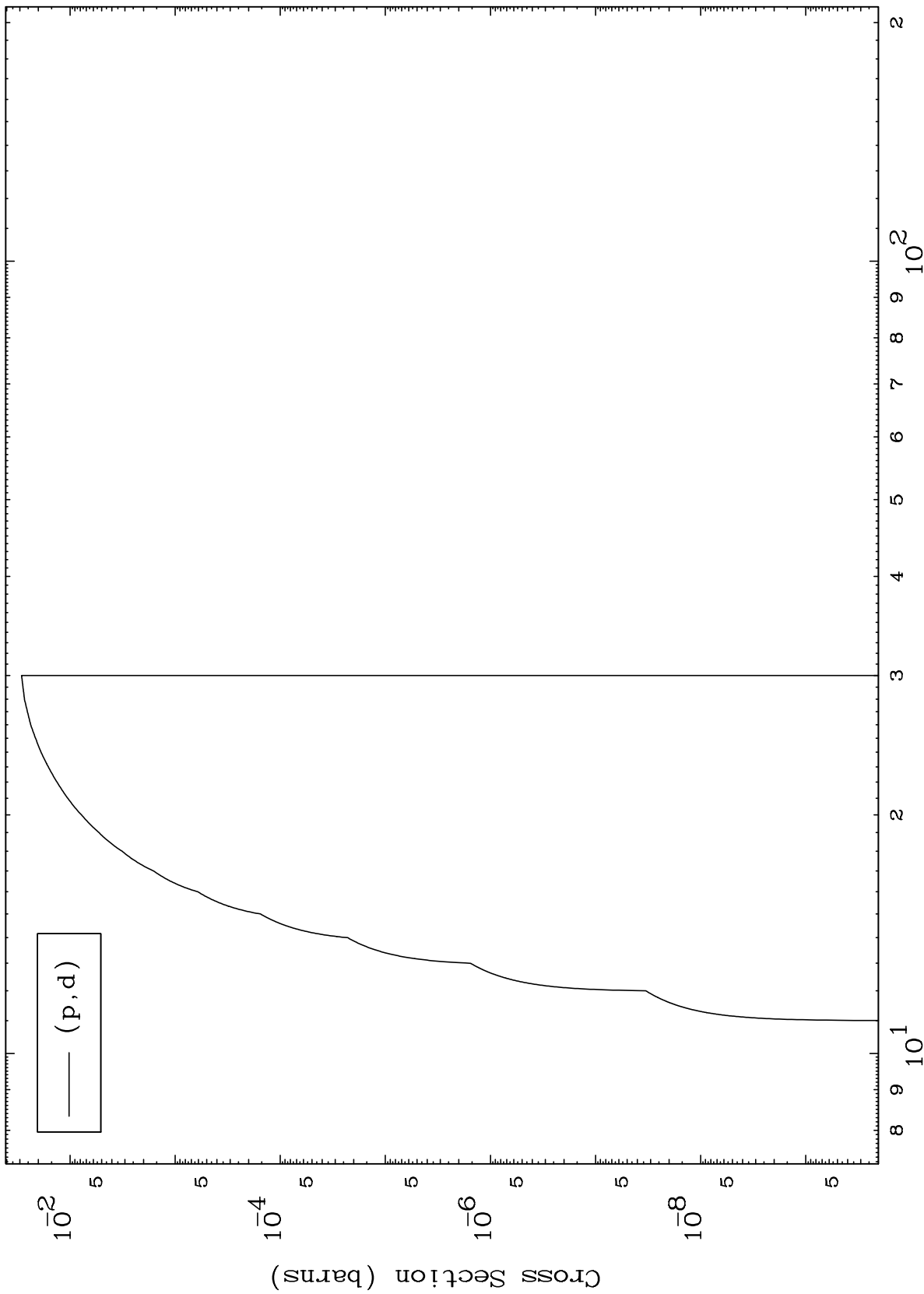
MAT 5919

(p,p) Levels  
0 Kelvin Cross Sections

59-Pr-139

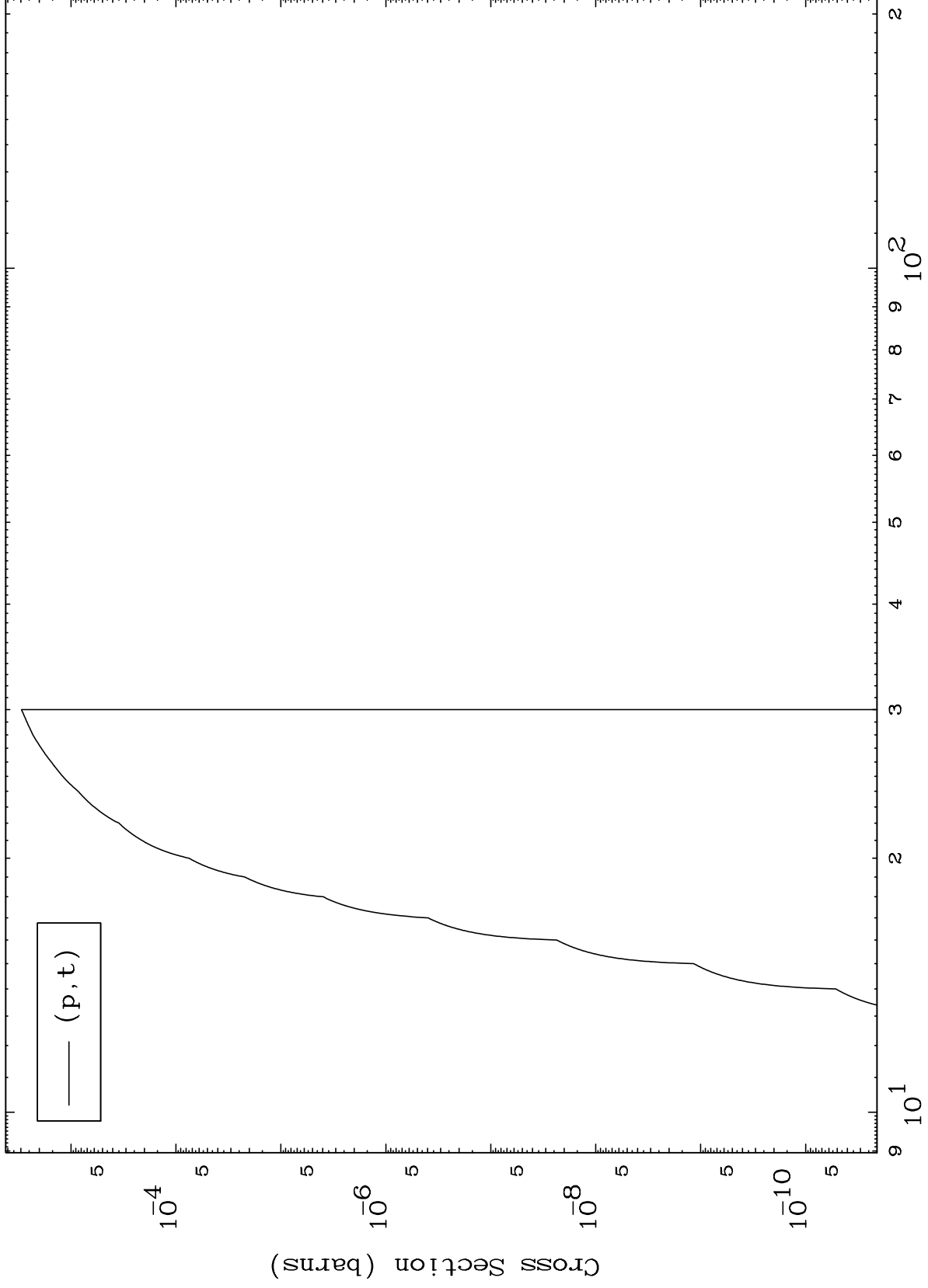


(p,d) Levels  
0 Kelvin Cross Sections

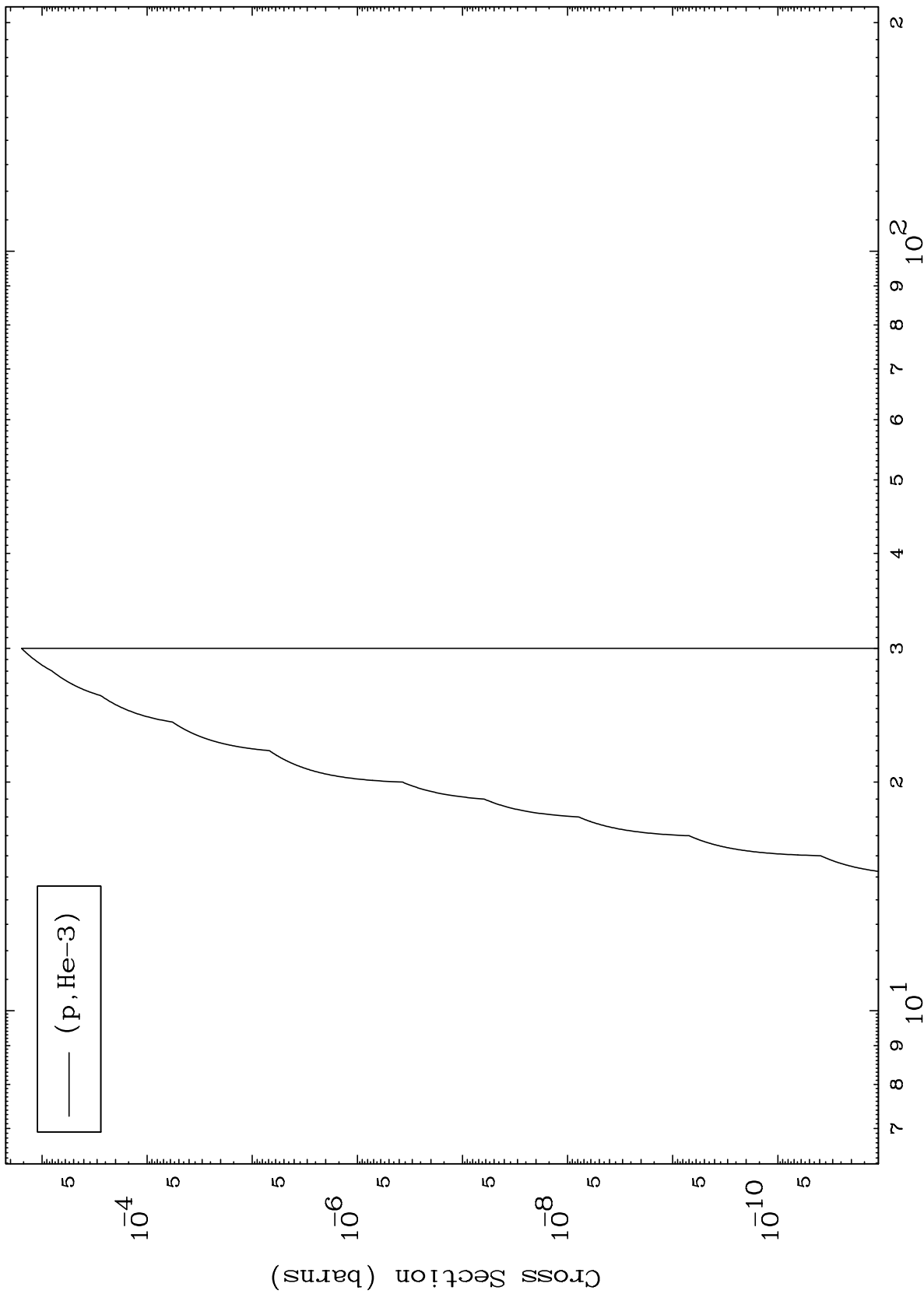


(p,d)





(p,He3) Levels  
0 Kelvin Cross Sections

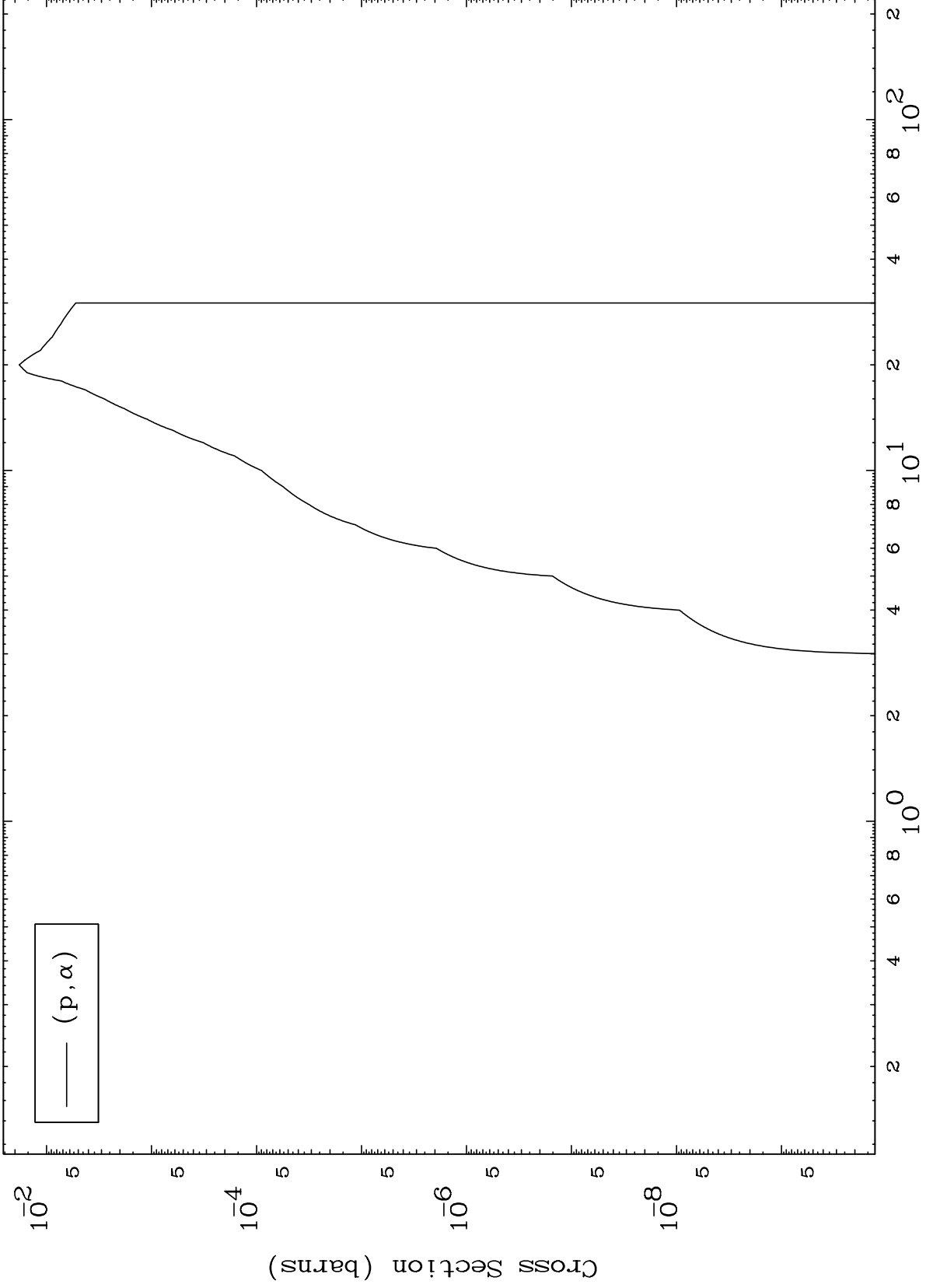


MAT 5919

(p,  $\alpha$ ) Levels

59-Pr-139

0 Kelvin Cross Sections

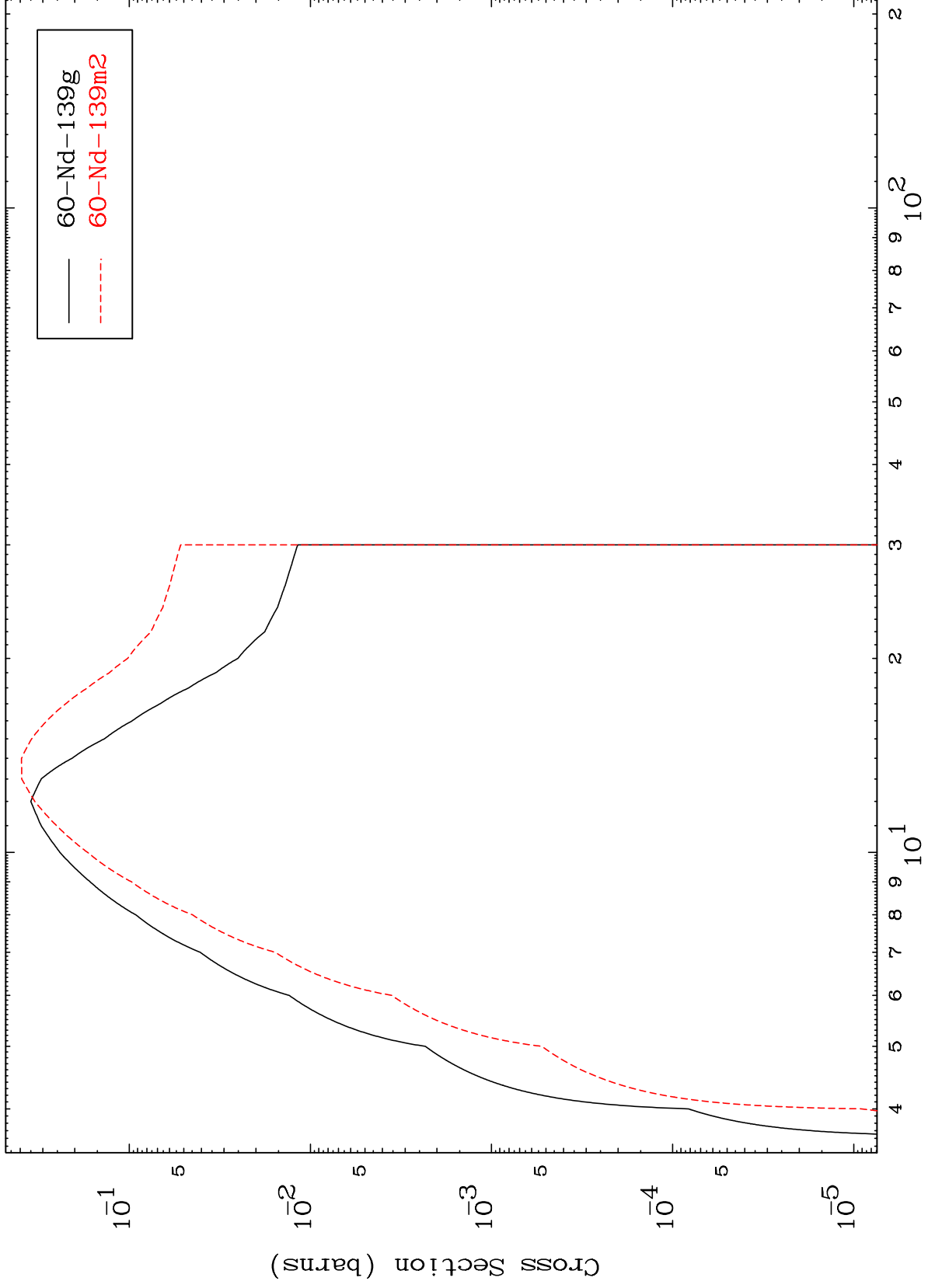


10

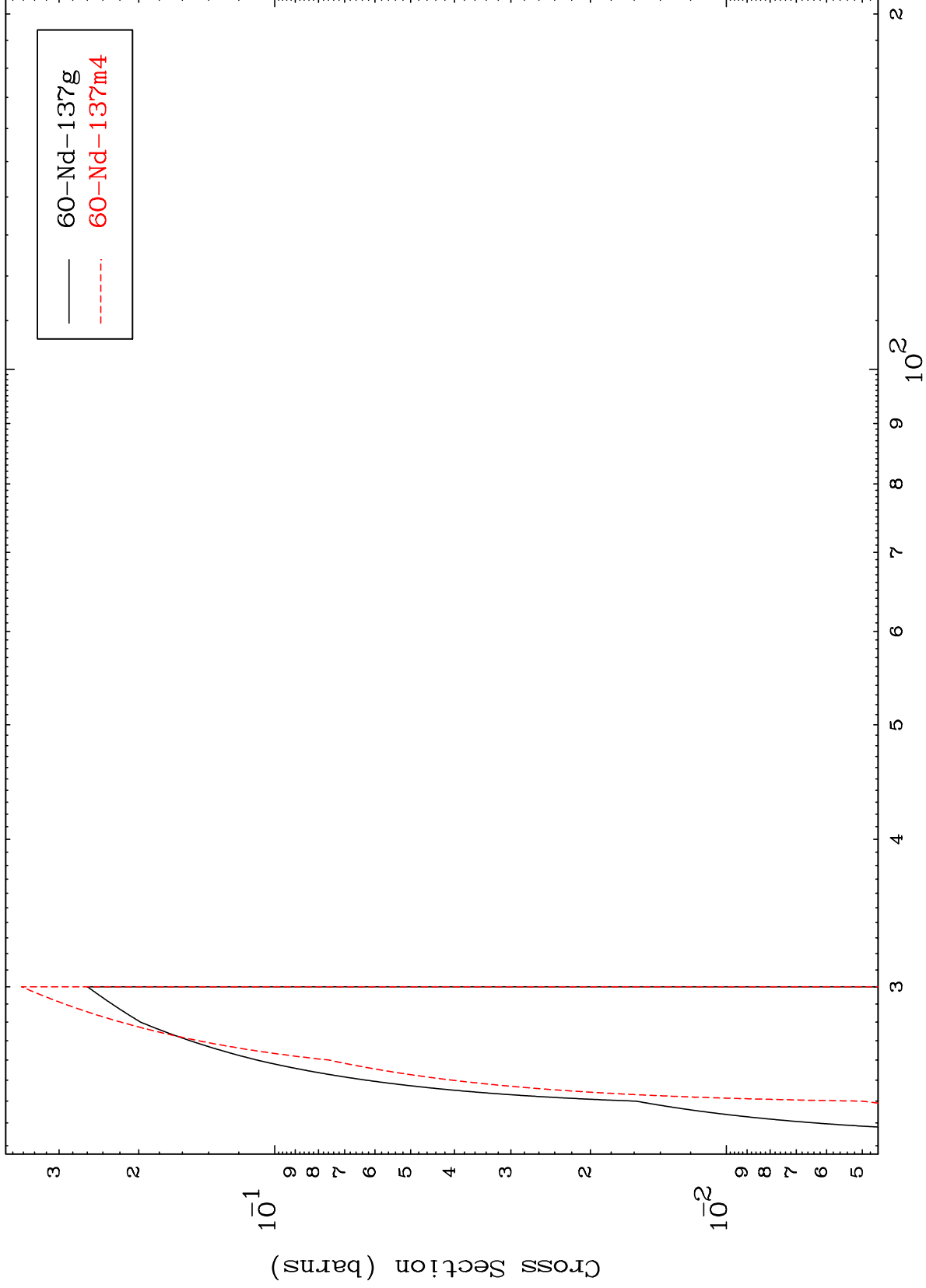
Incident Energy (MeV)

59-Pr-139

Proton Inelastic  
Radionuclide Production Cross Section



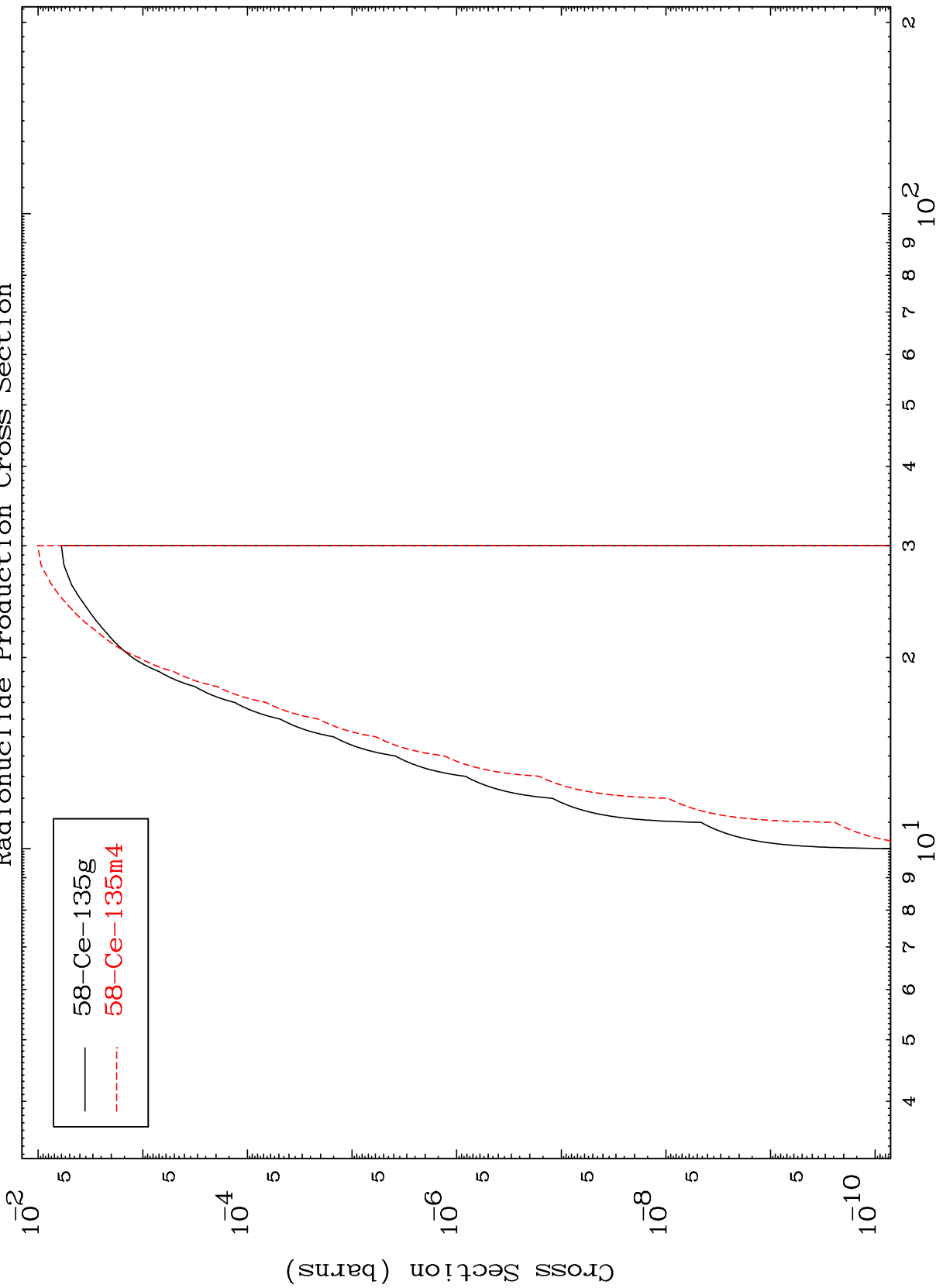
Radionuclide Production Cross Section



MAT 5919

59-Pr-139

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-139

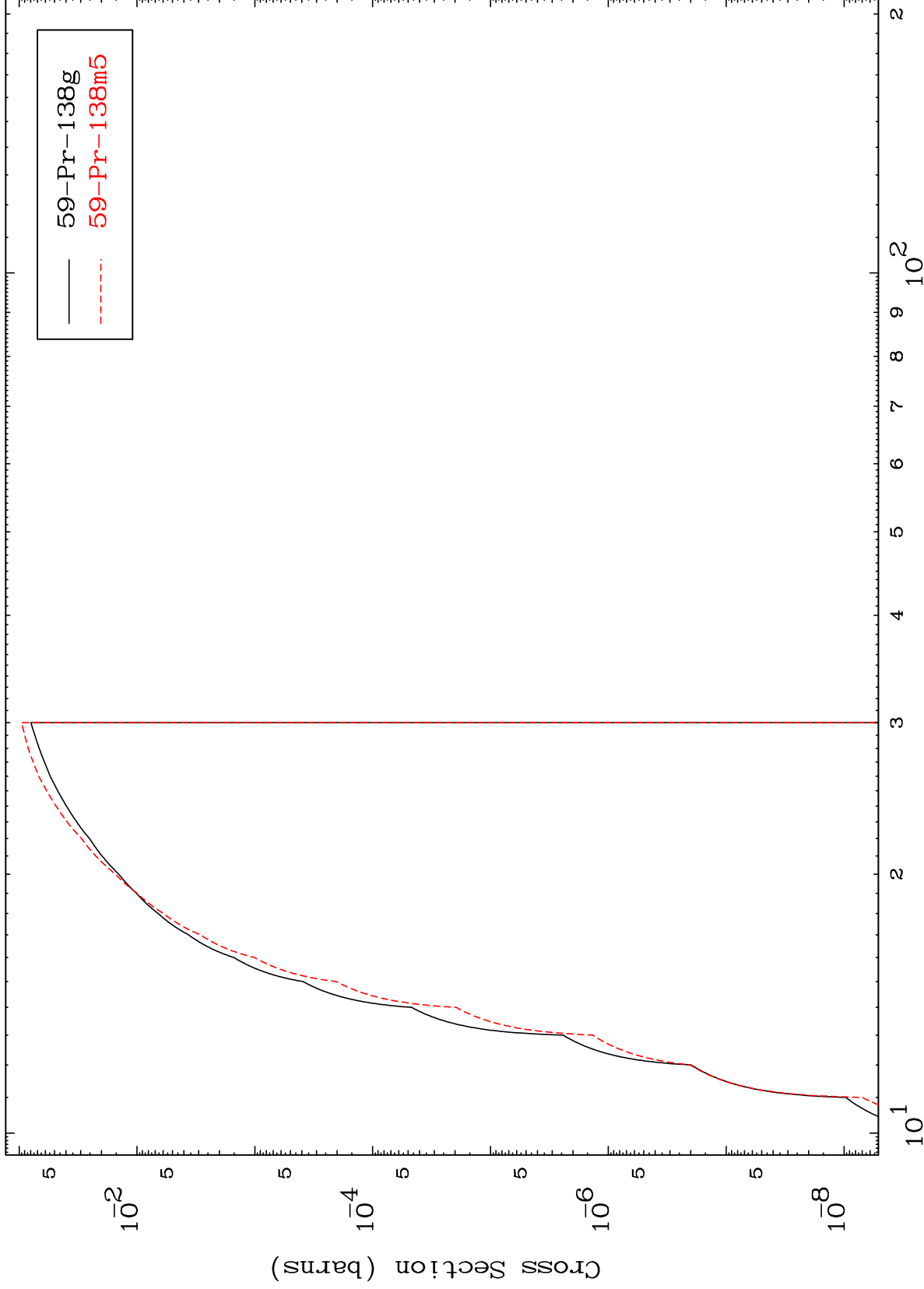
13

MAT 5919

(p,n') p

59-Pr-139

Radionuclide Production Cross Section



Incident Energy (MeV)

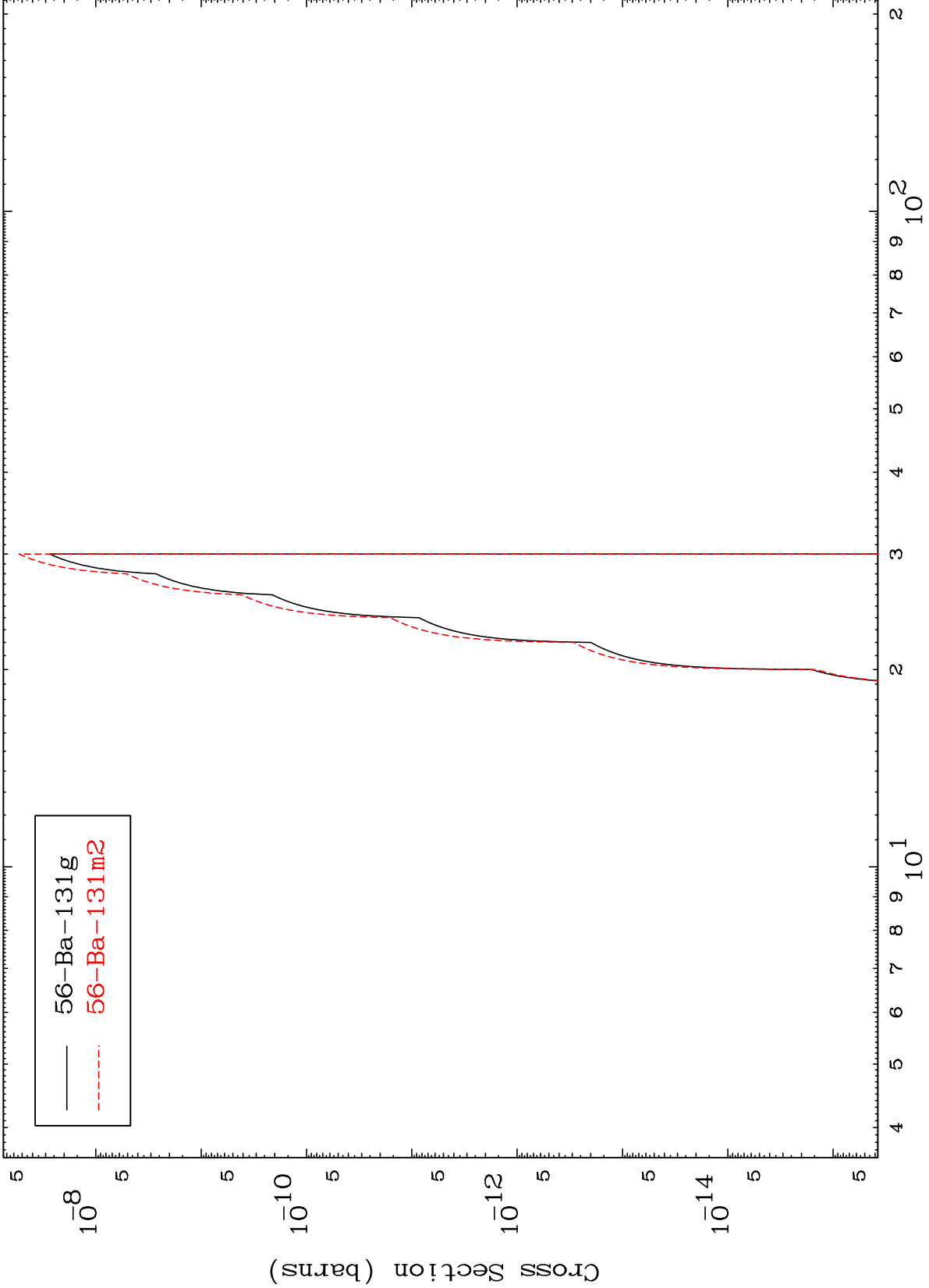
59-Pr-139

MAT 5919

(p,n') 2 $\alpha$

59-Pr-139

Radionuclide Production Cross Section



56-Ba-131 g  
56-Ba-131 m2

15

Incident Energy (MeV)

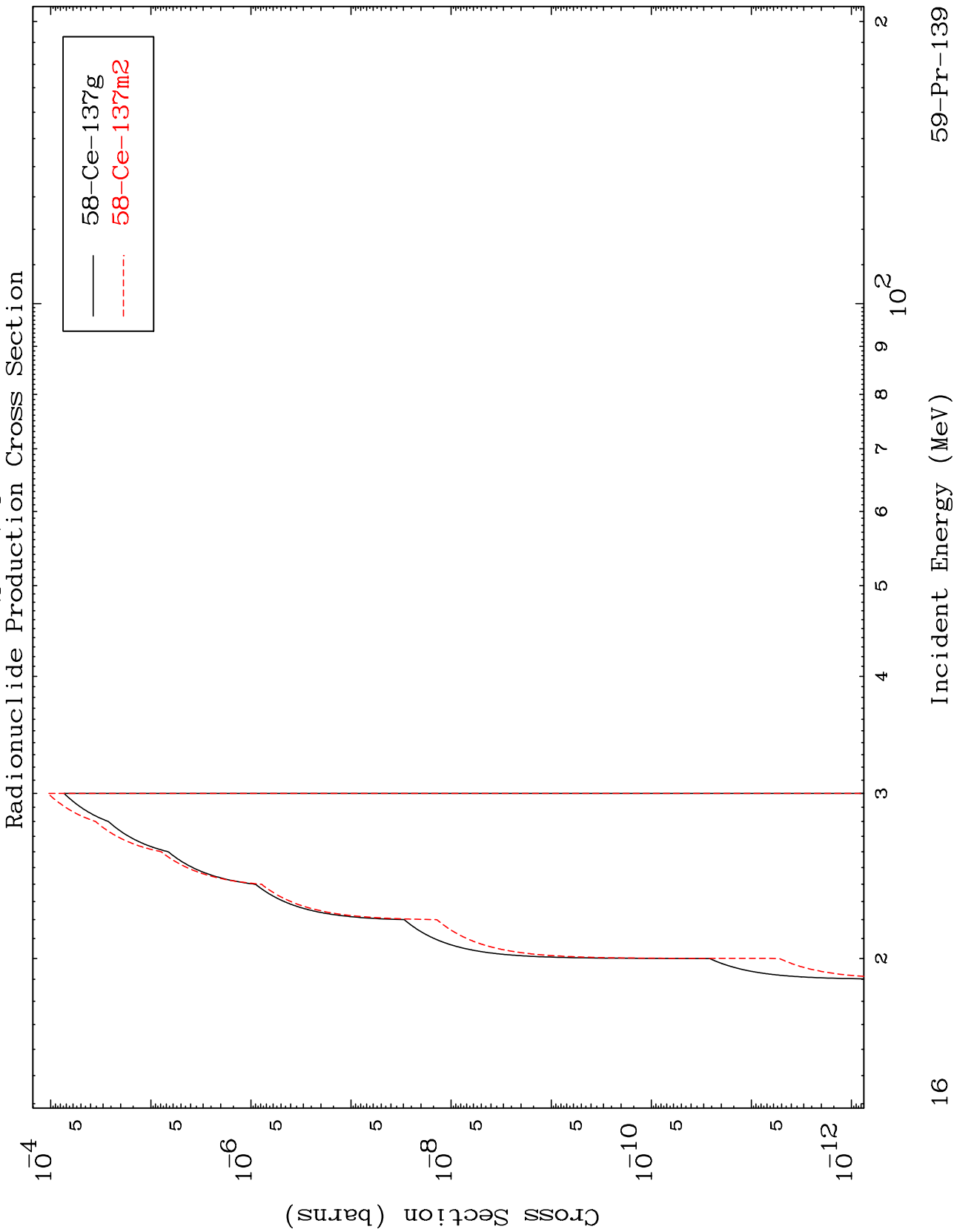
59-Pr-139



MAT 5919

(p,2n) p

59-Pr-139



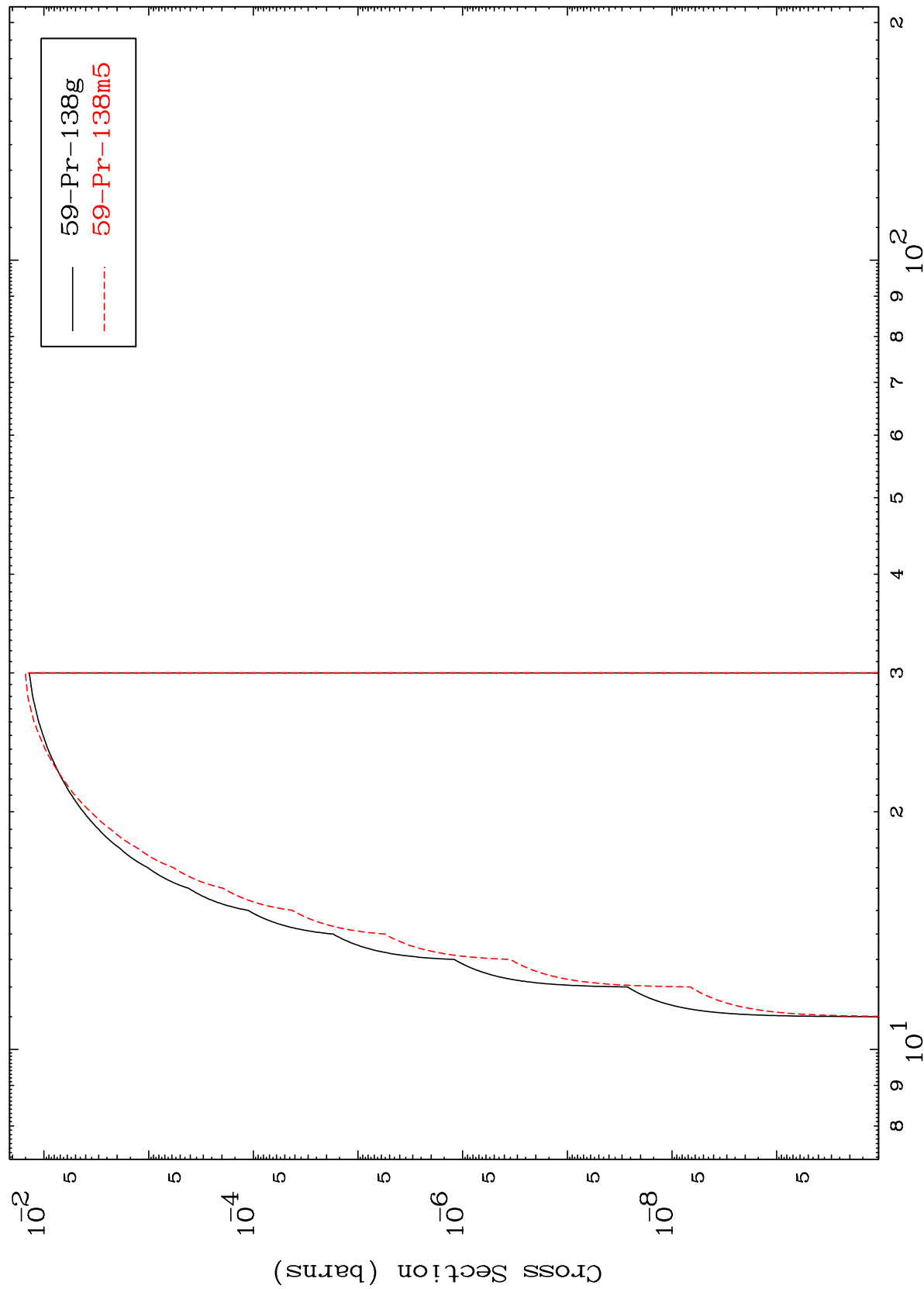
16

59-Pr-139

MAT 5919

59-Pr-139

(p,d)  
Radionuclide Production Cross Section

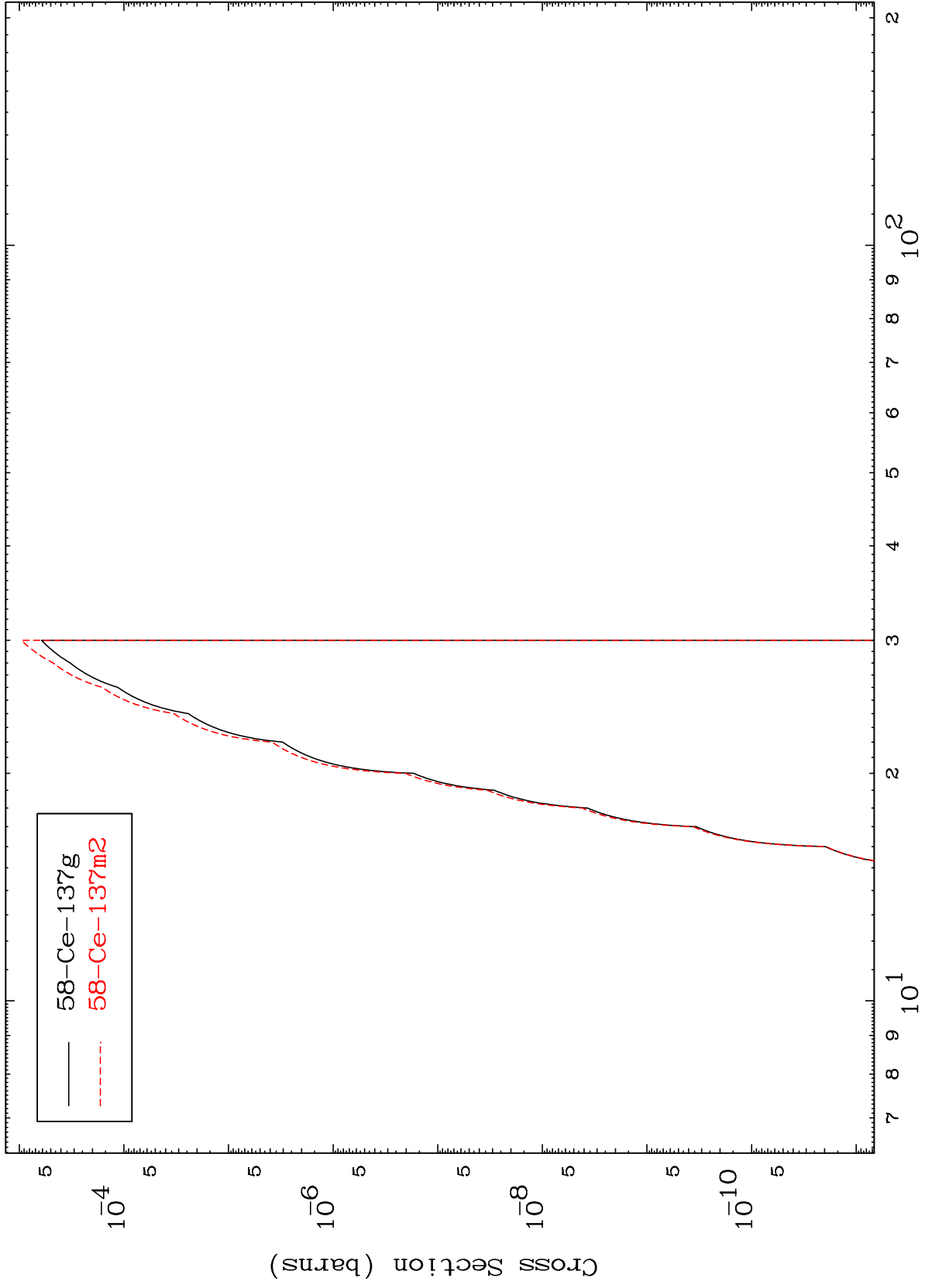


59-Pr-139

Incident Energy (MeV)

17

Radionuclide Production Cross Section



Radionuclide Production Cross Section

