

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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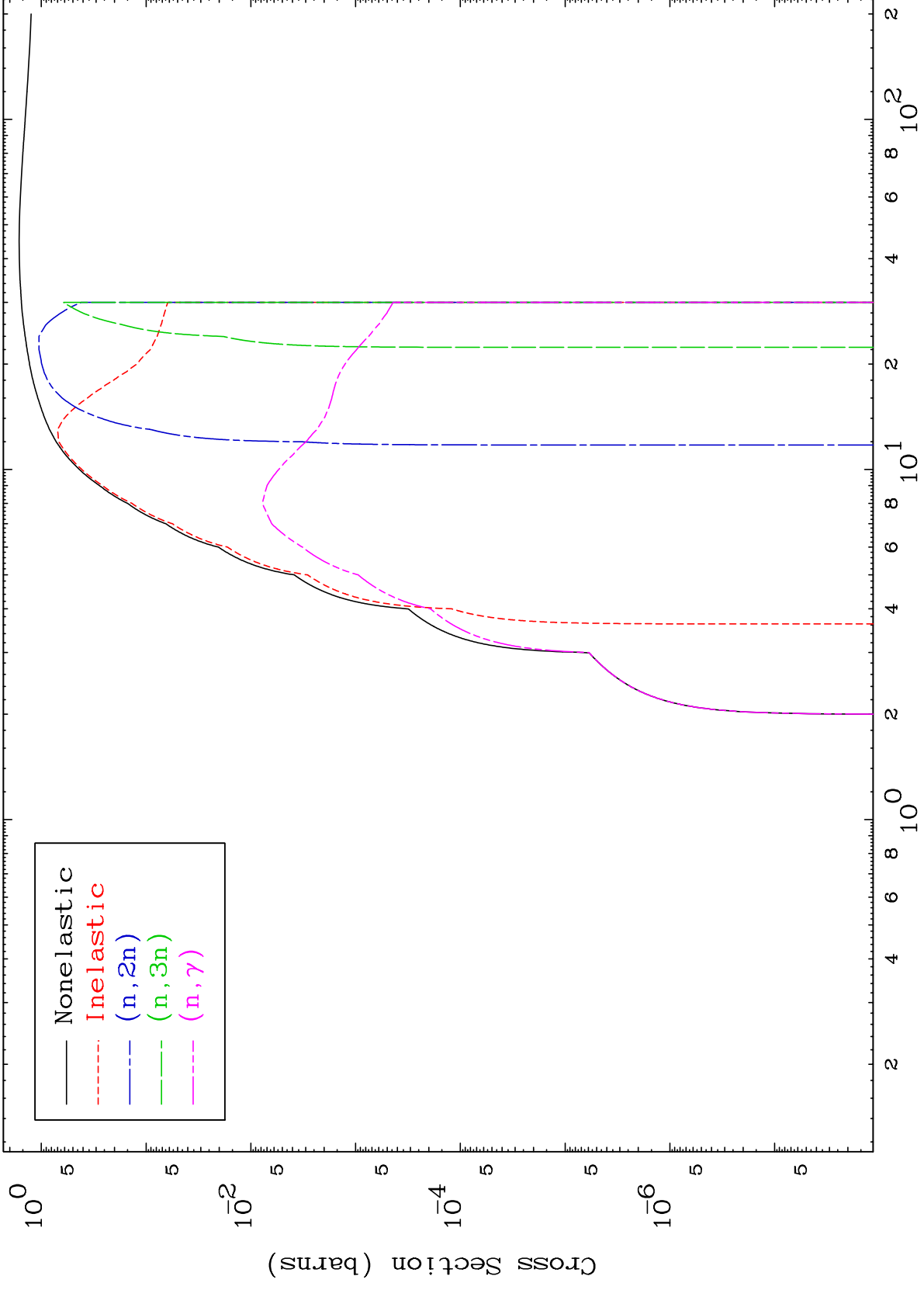
Tele: 925-443-1911

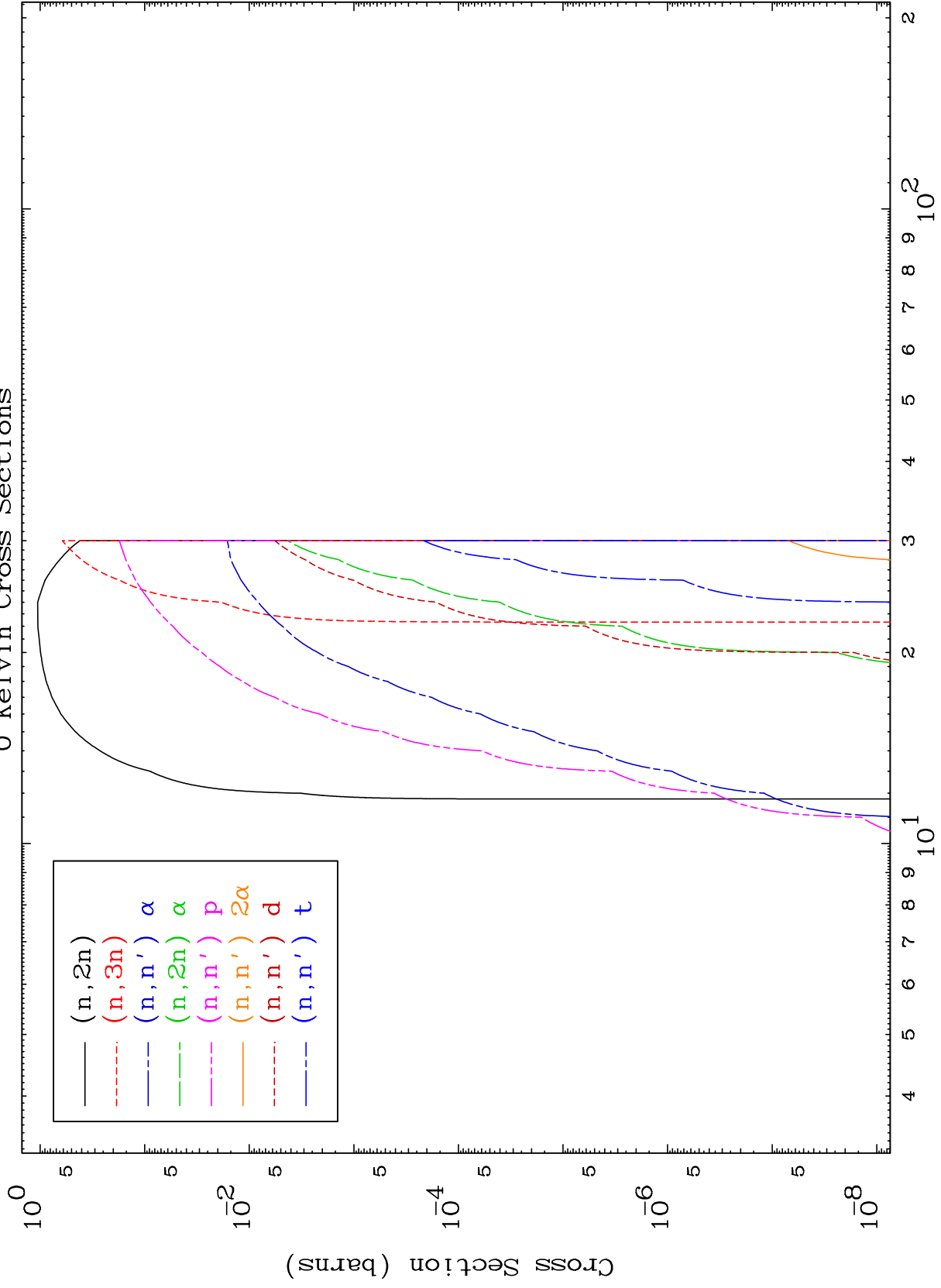
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

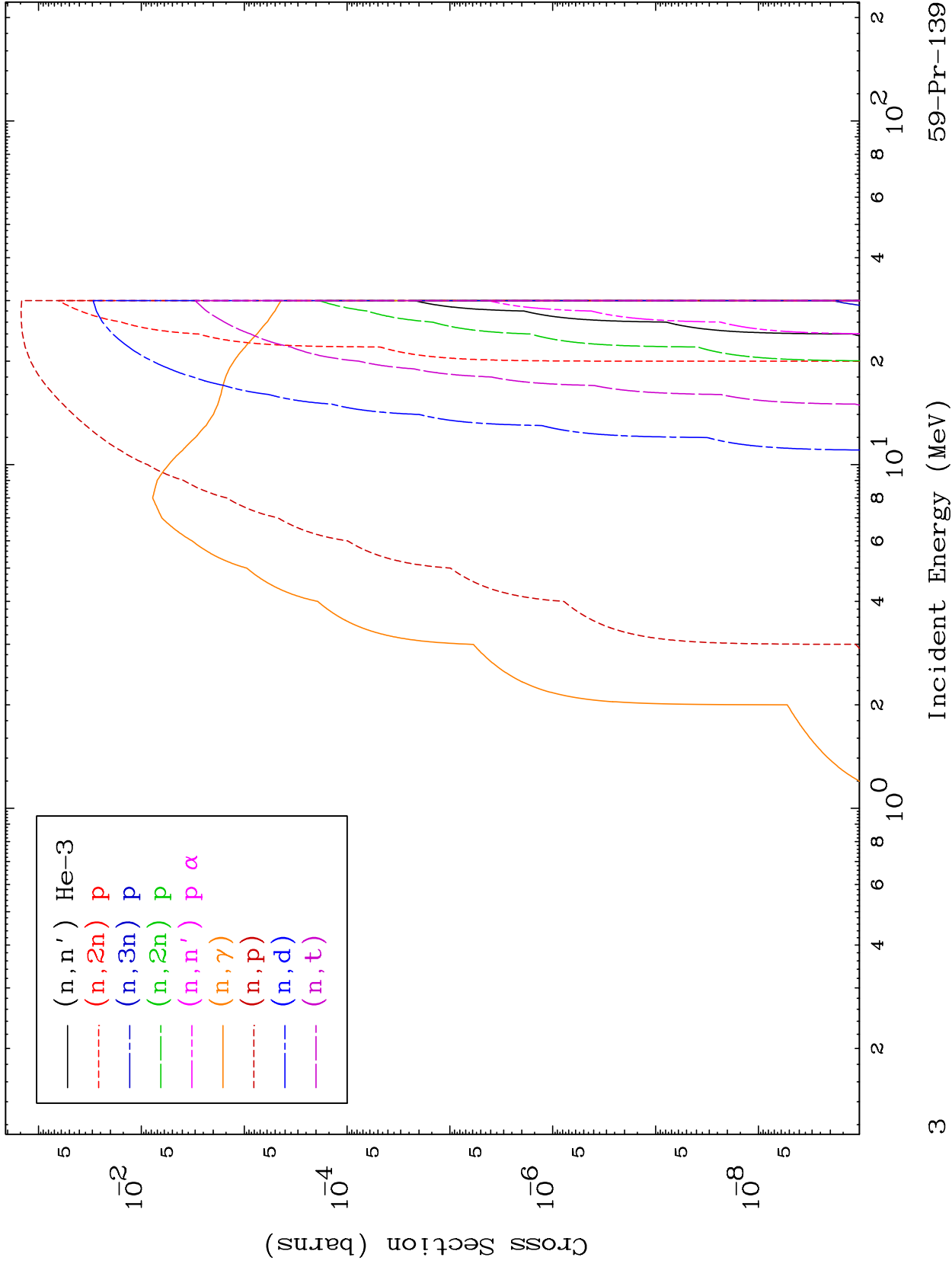
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

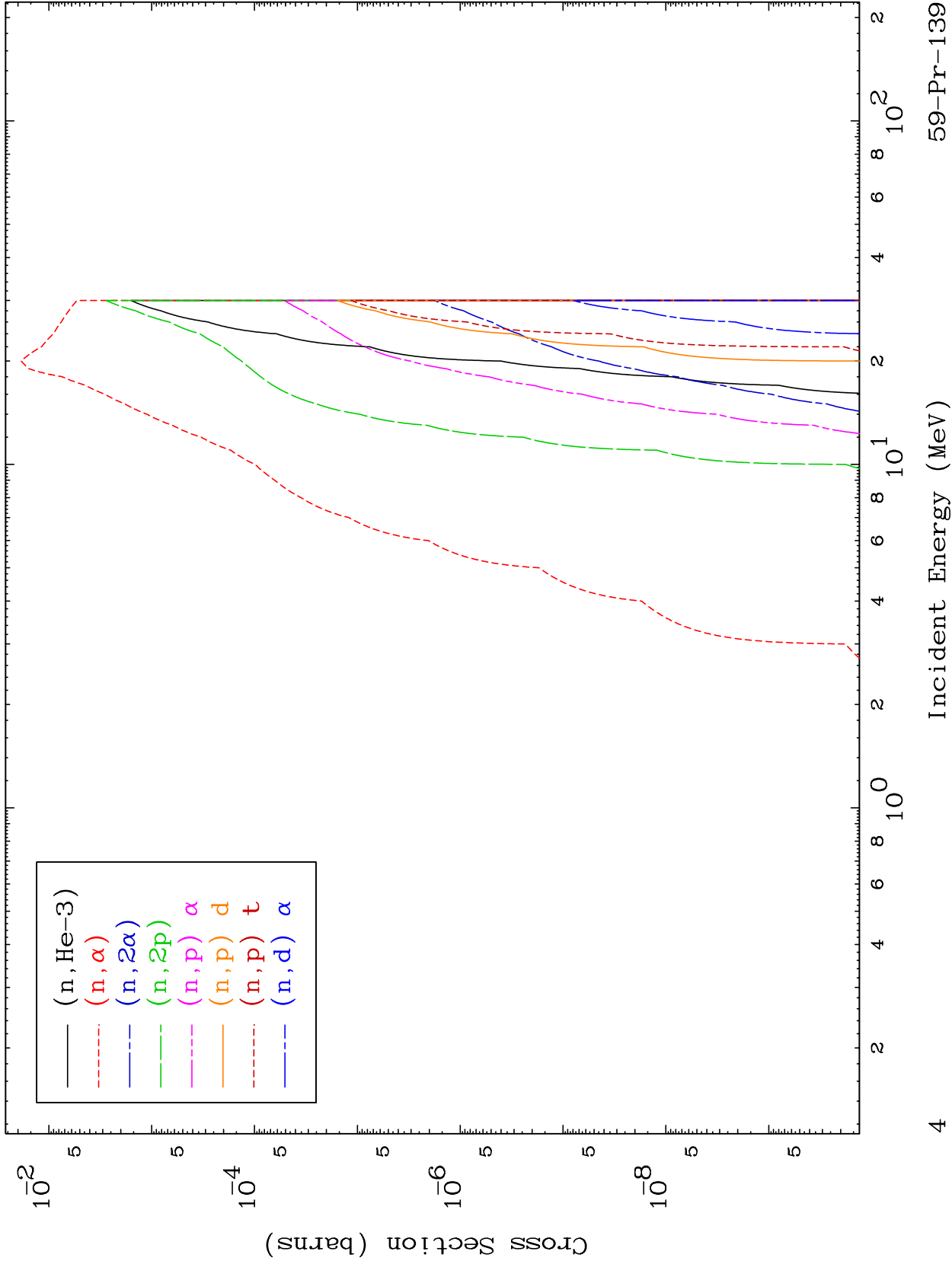
Press Mouse Button to Start

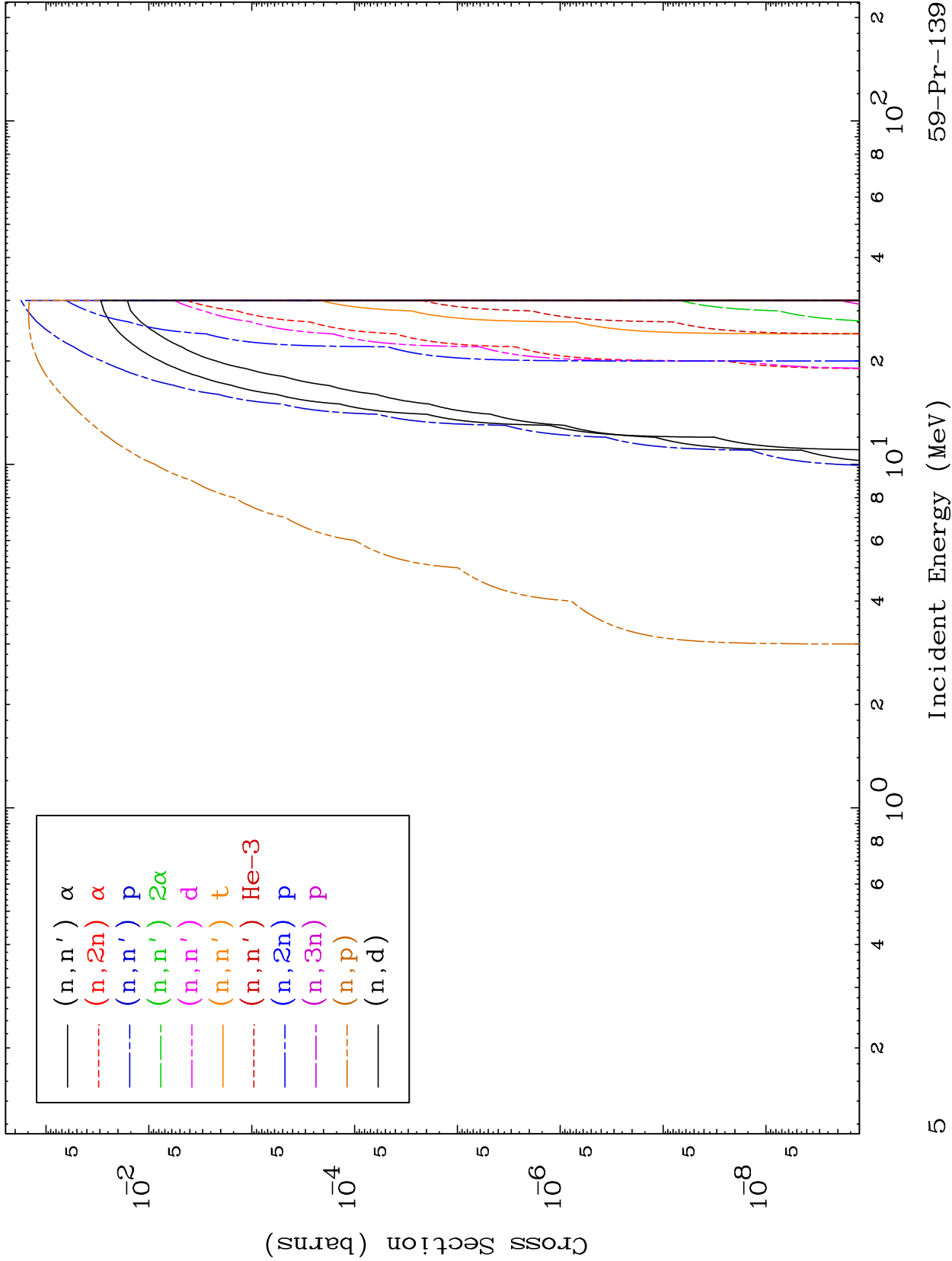
0 Kelvin Cross Sections

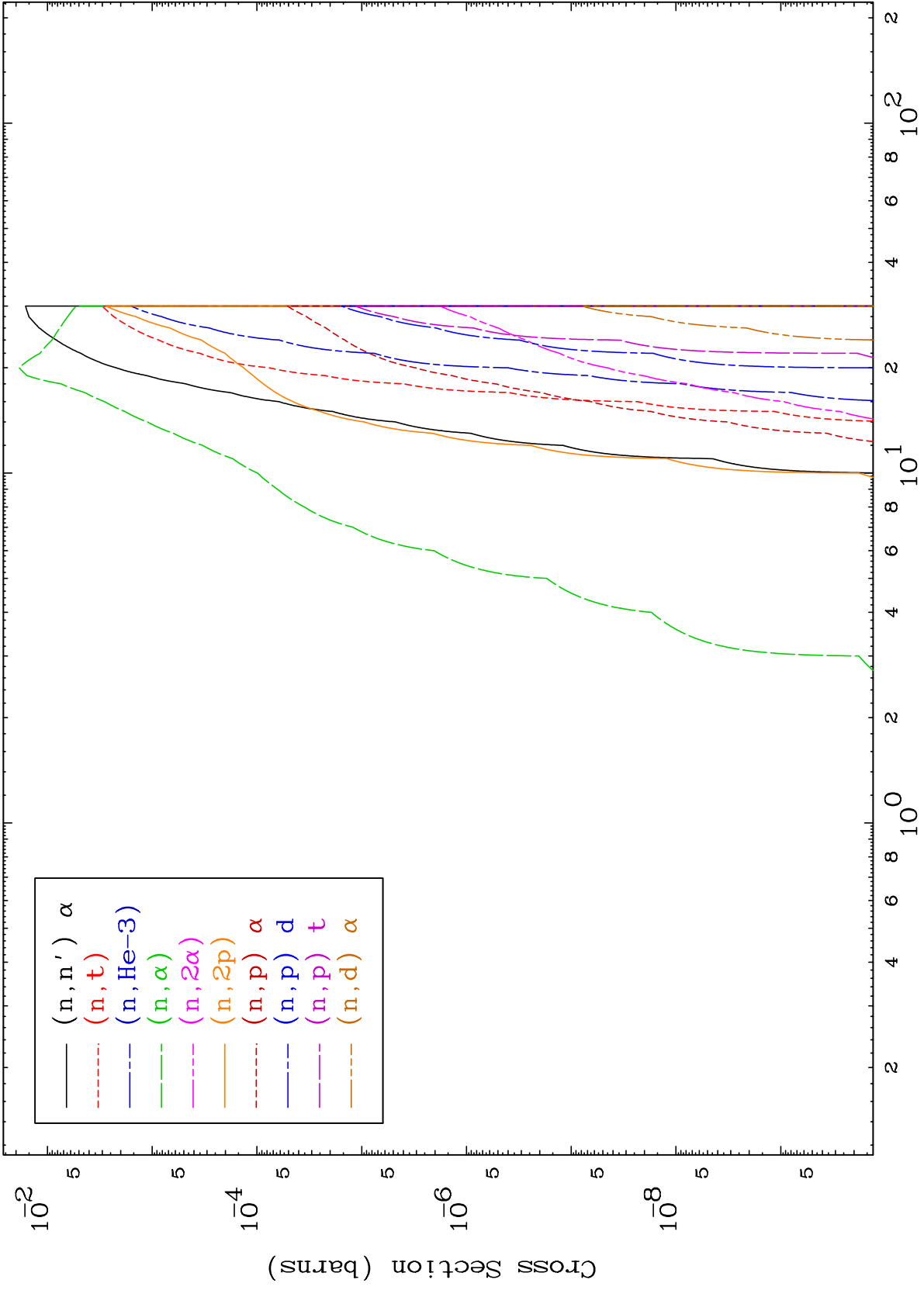








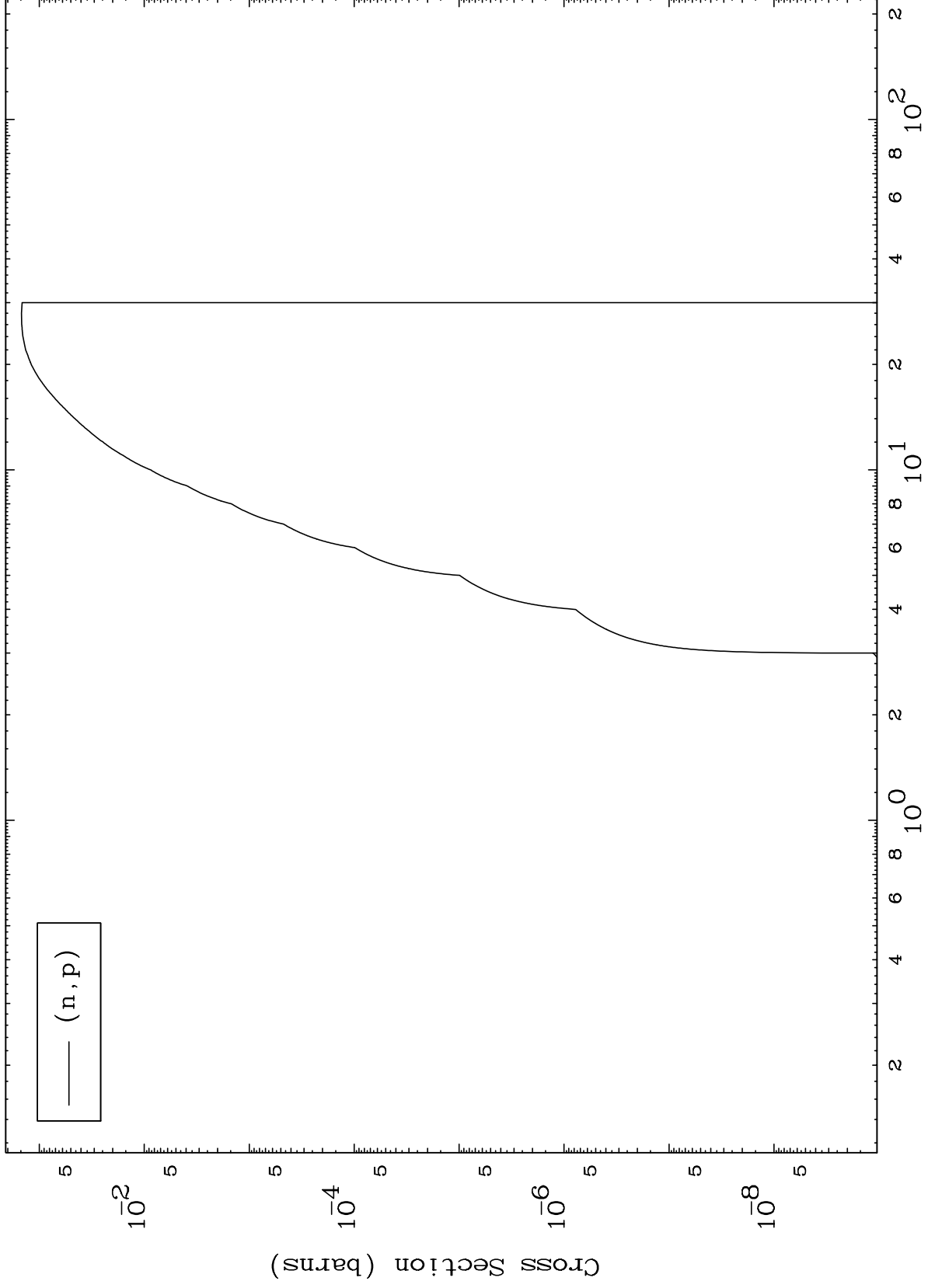




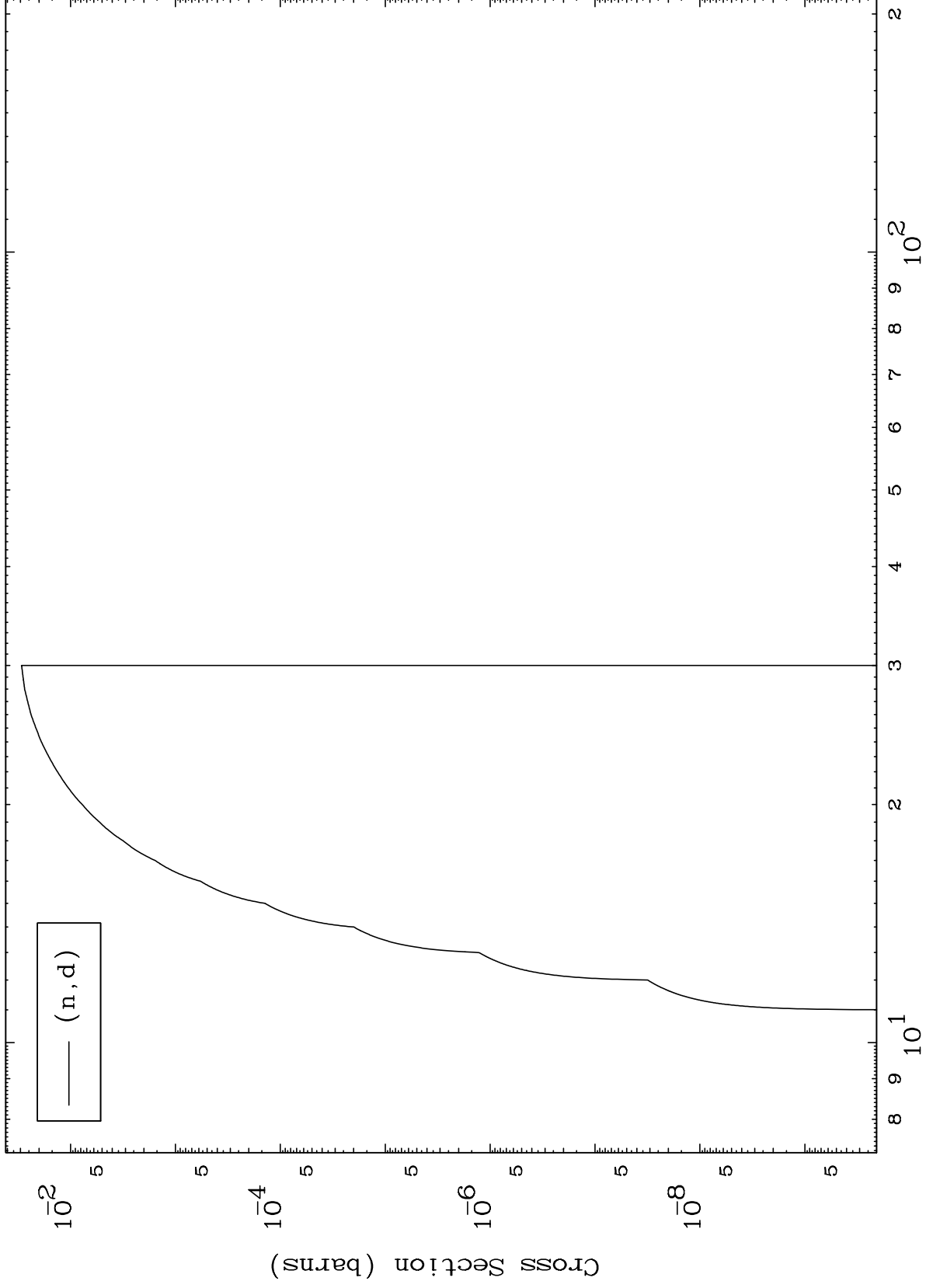
MAT 5919

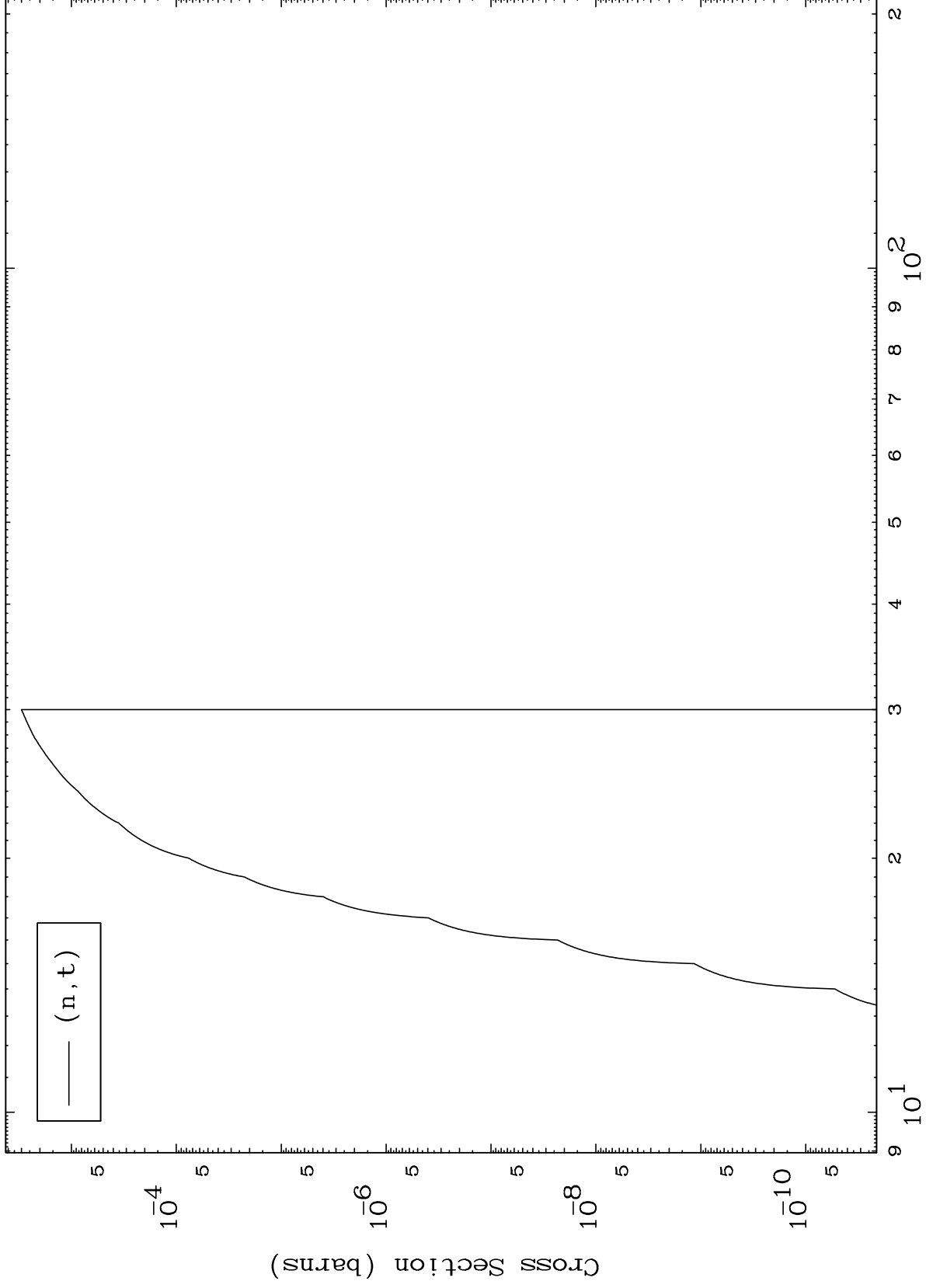
(p,p) Levels  
0 Kelvin Cross Sections

59-Pr-139





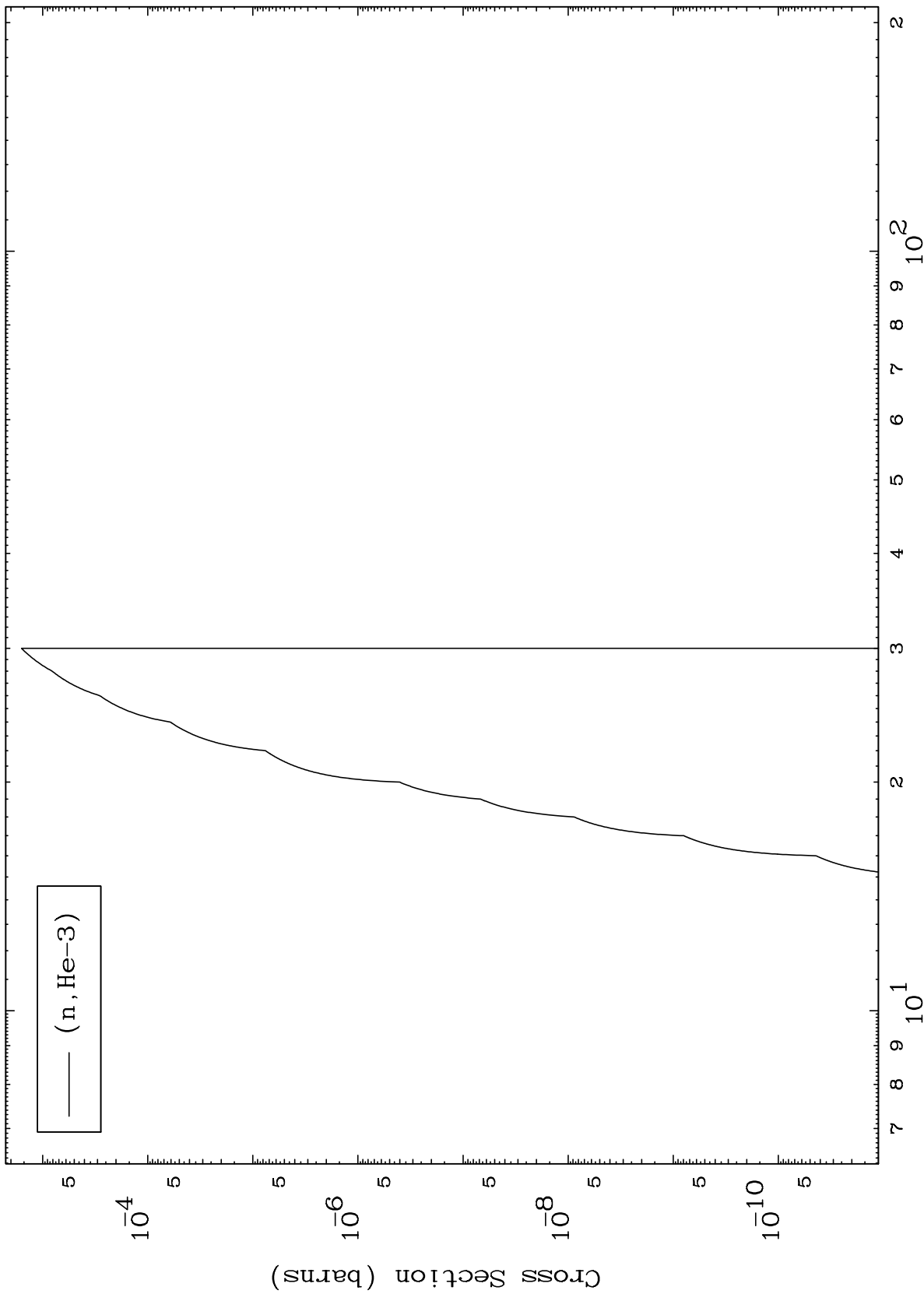




MAT 5919

59-Pr-139

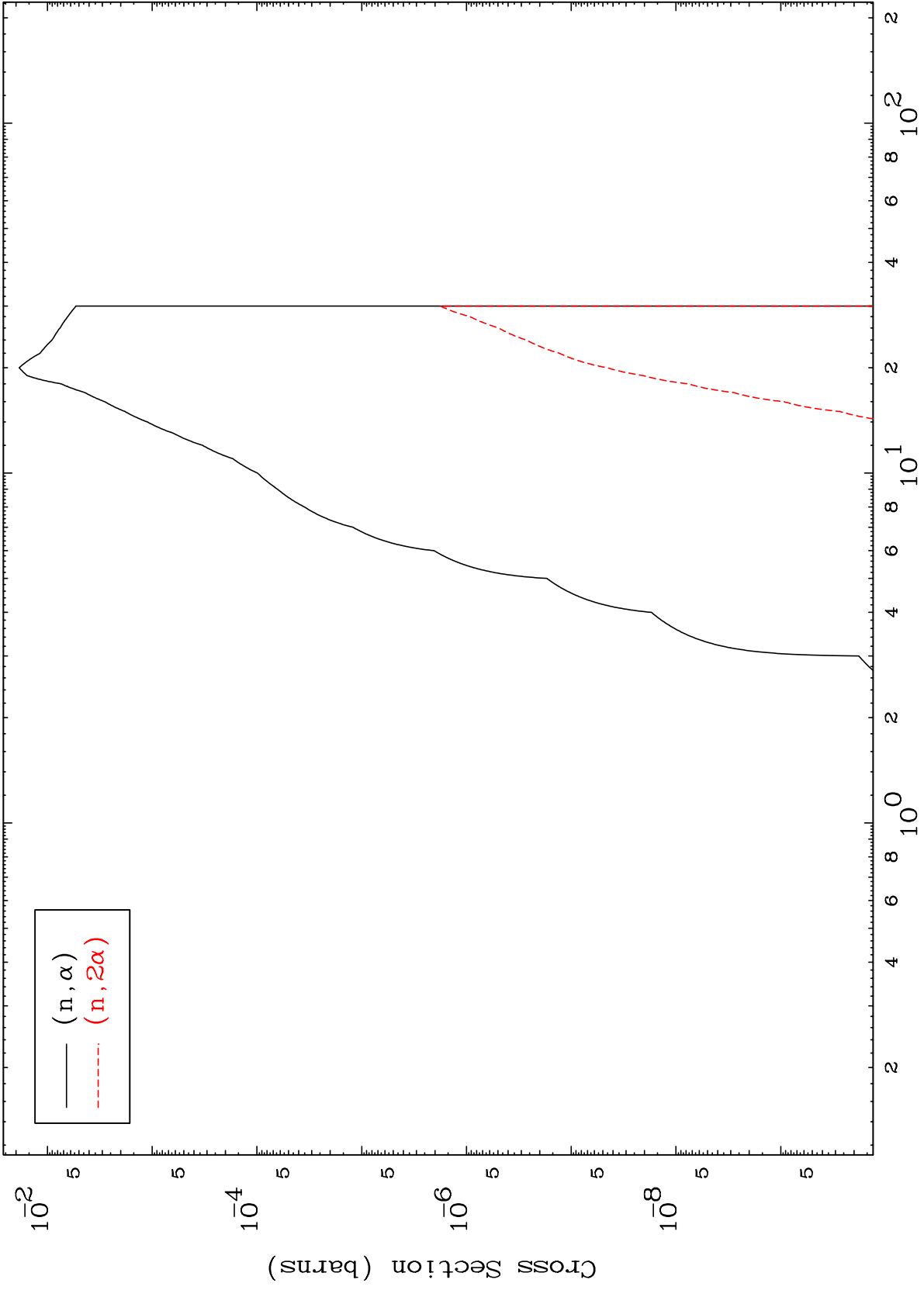
(p,He3) Levels  
0 Kelvin Cross Sections



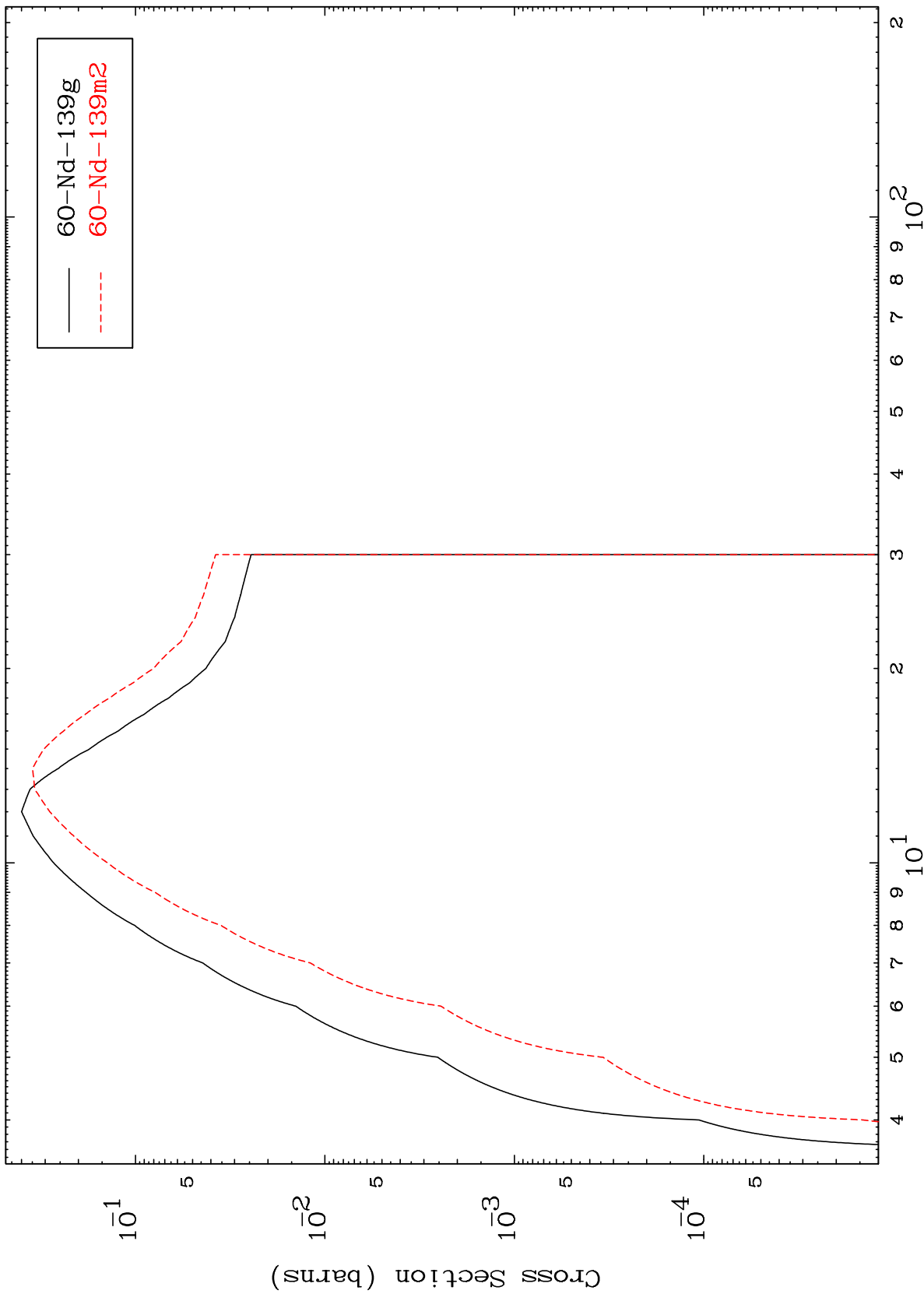
59-Pr-139

Incident Energy (MeV)

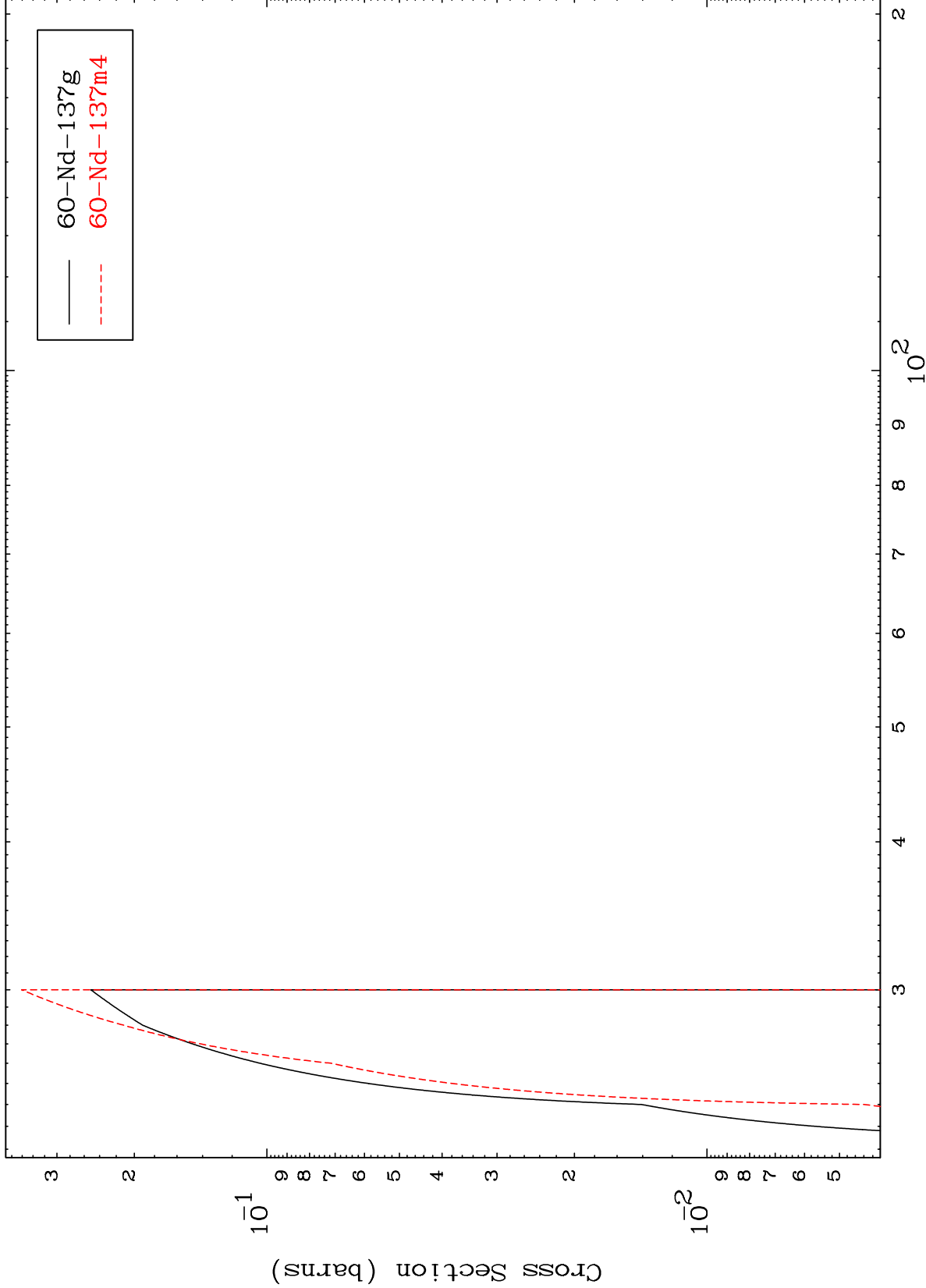
10



Inelastic  
Radionuclide Production Cross Section



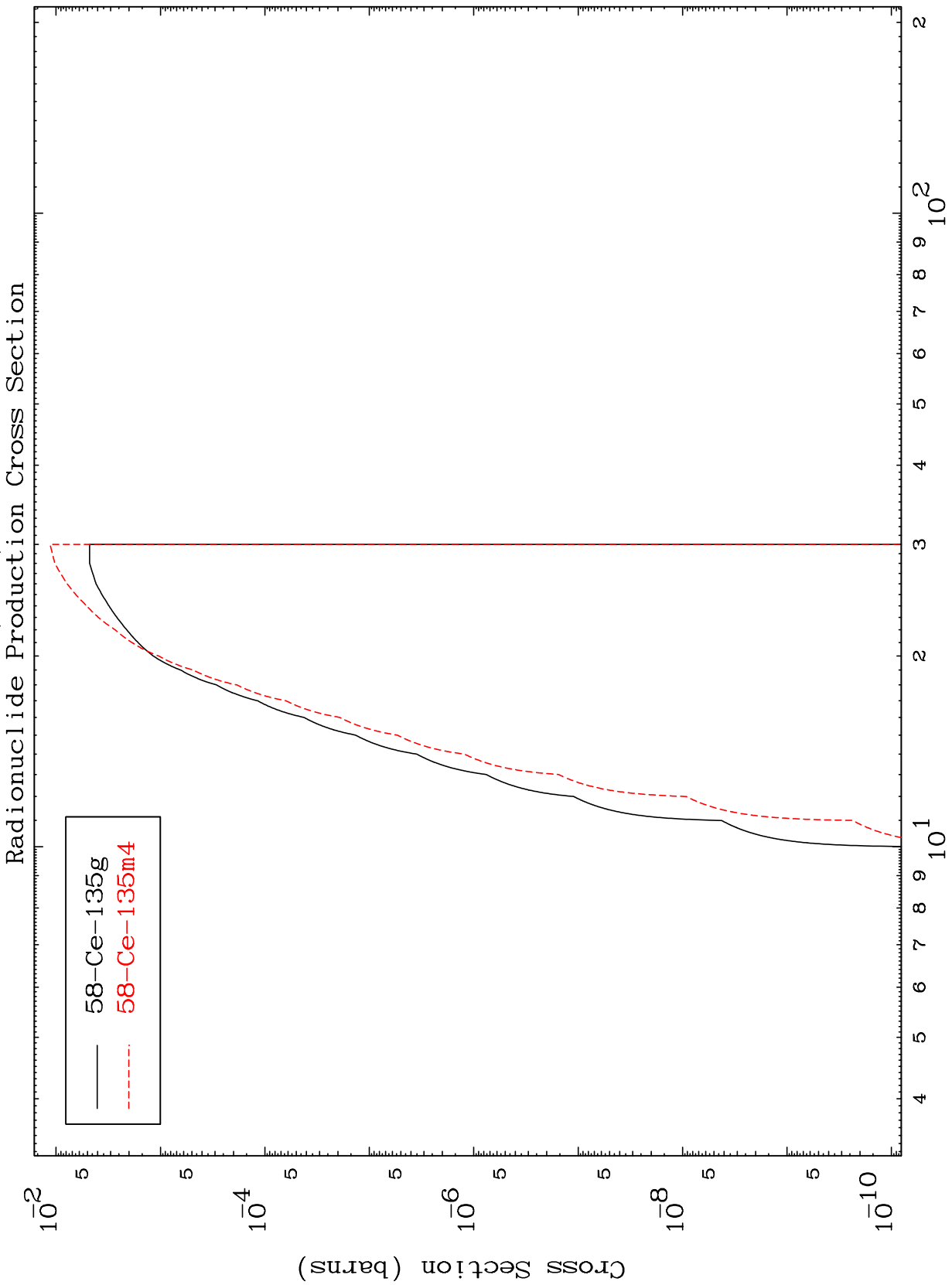
Radionuclide Production Cross Section



MAT 5919

59-Pr-139

(n,n')  $\alpha$



14

Incident Energy (MeV)

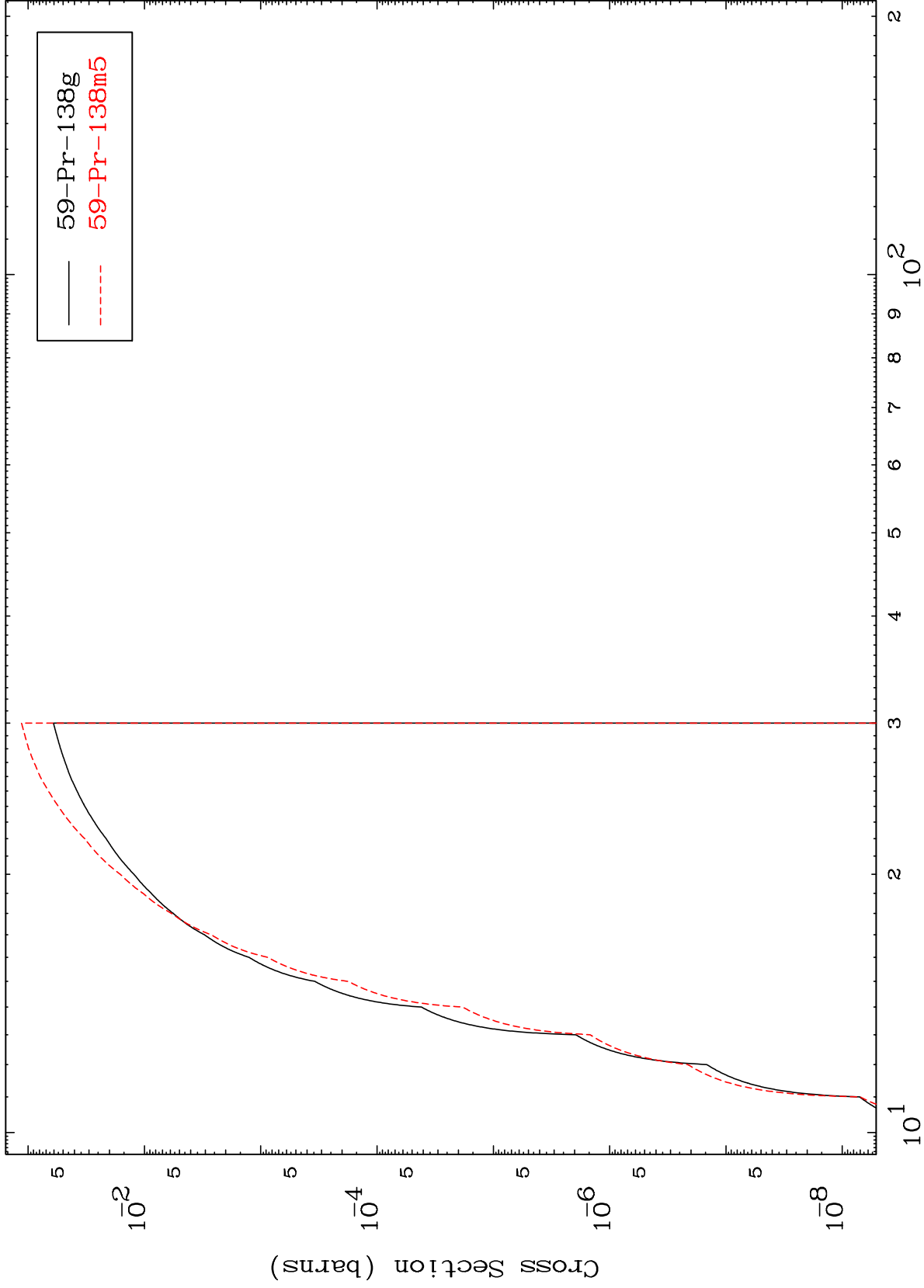
59-Pr-139

MAT 5919

(n,n') p

59-Pr-139

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-139

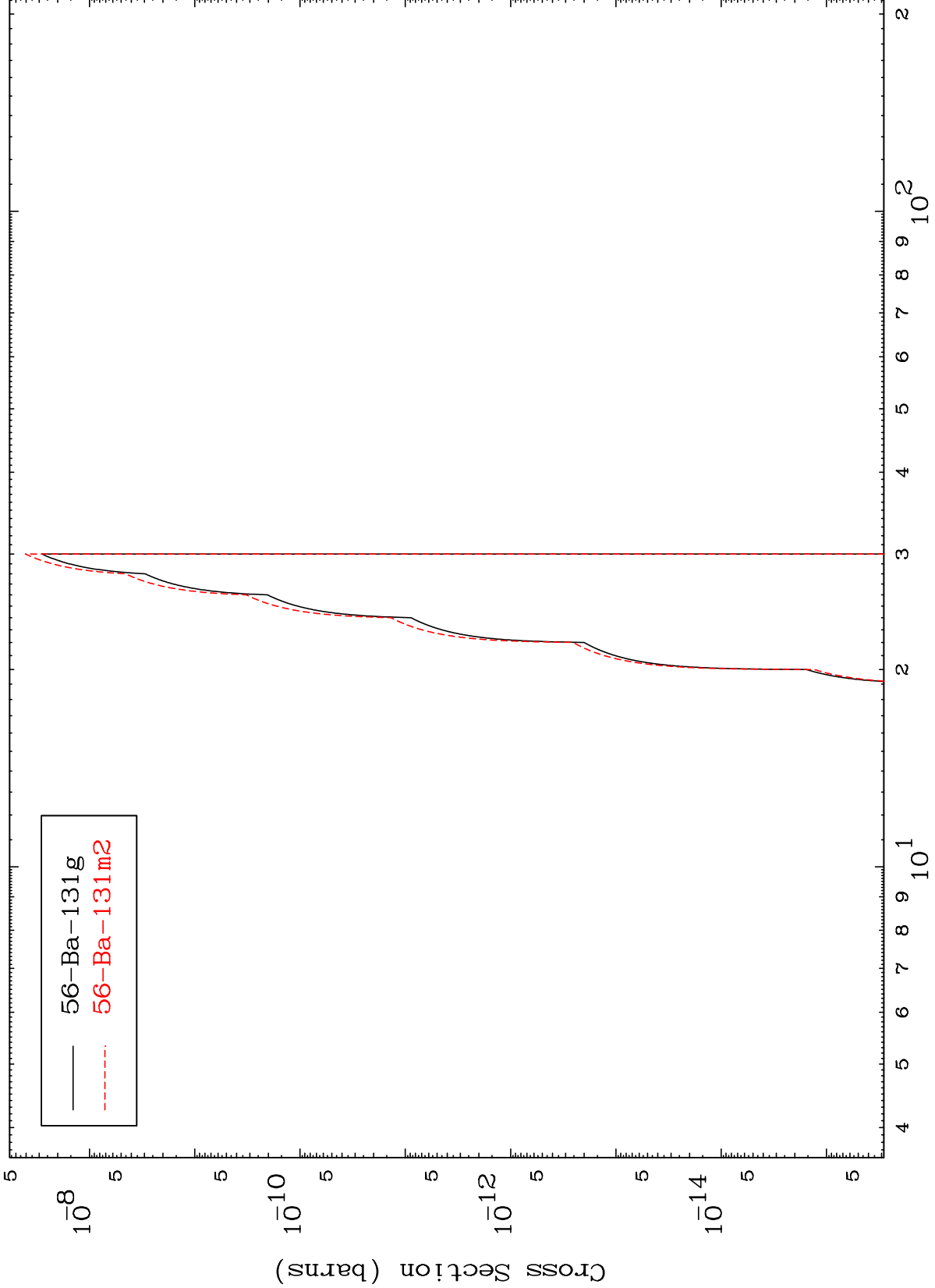


MAT 5919

(n,n') 2α

59-Pr-139

Radionuclide Production Cross Section



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

16

Incident Energy (MeV)

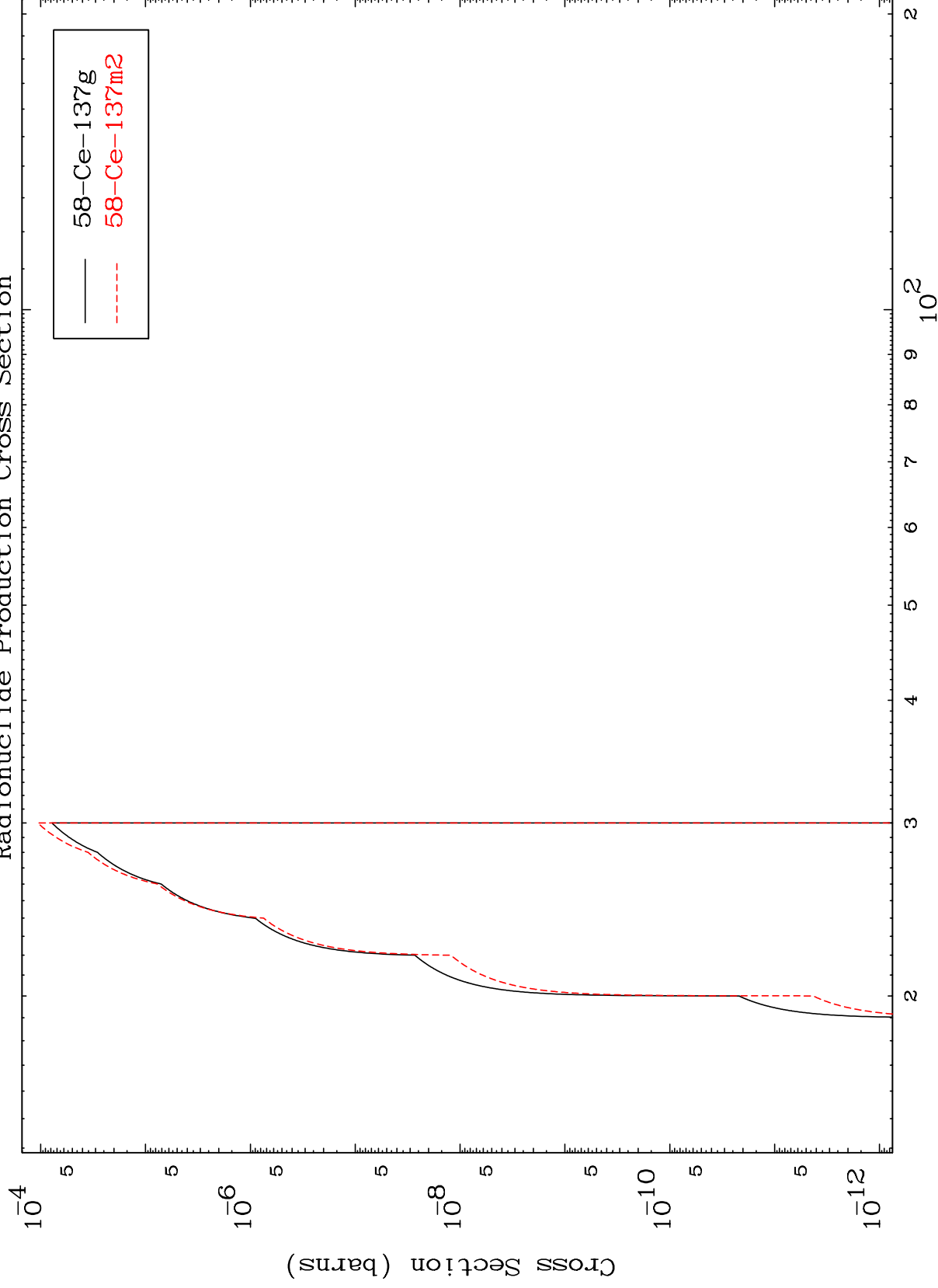
59-Pr-139

MAT 5919

(n,2n) p

59-Pr-139

Radionuclide Production Cross Section

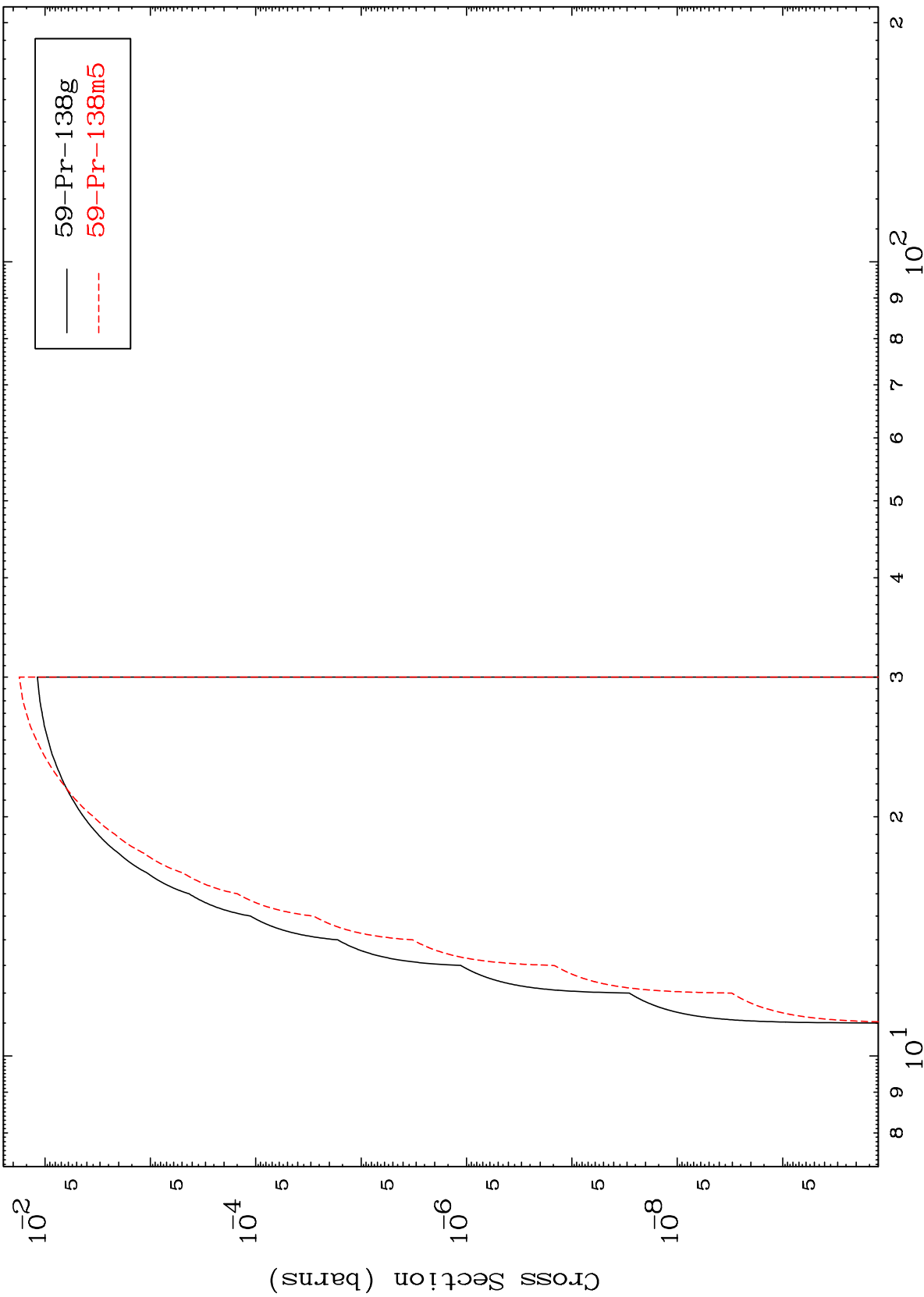


MAT 5919

(n,d)

59-Pr-139

Radionuclide Production Cross Section



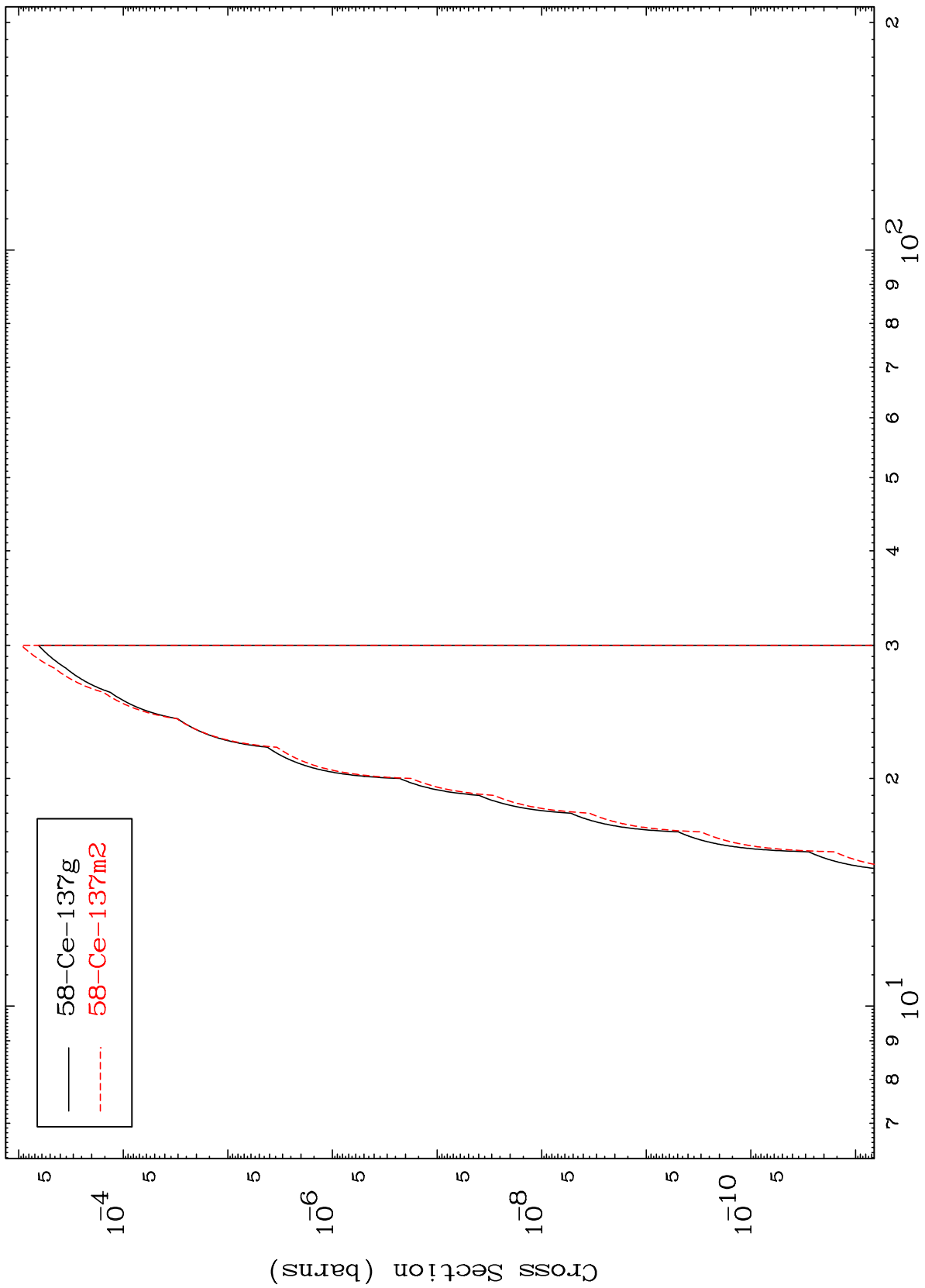
59-Pr-138g  
59-Pr-138m5

18

Incident Energy (MeV)

59-Pr-139

Radionuclide Production Cross Section  
(n,He-3)



Radionuclide Production Cross Section

