

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

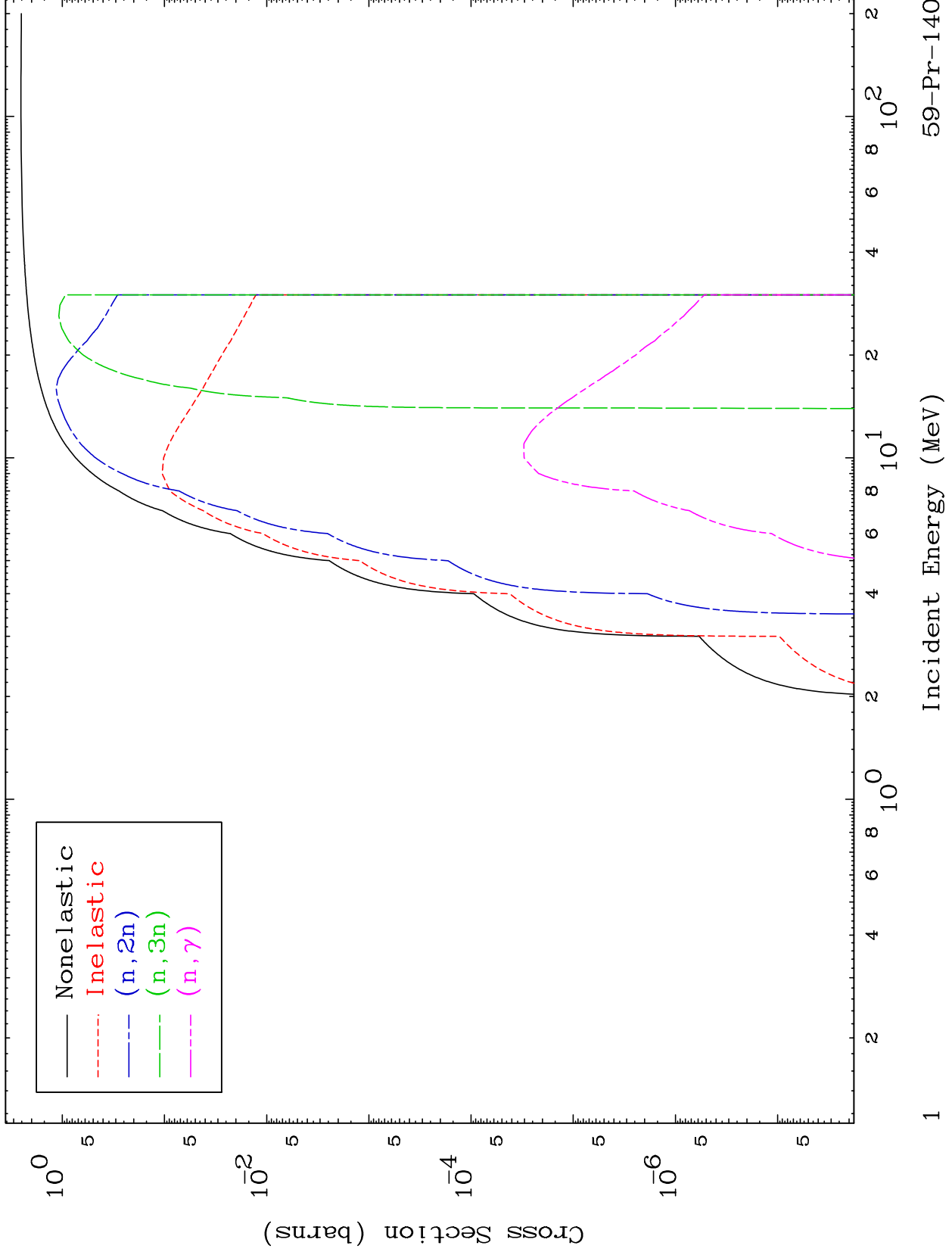
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

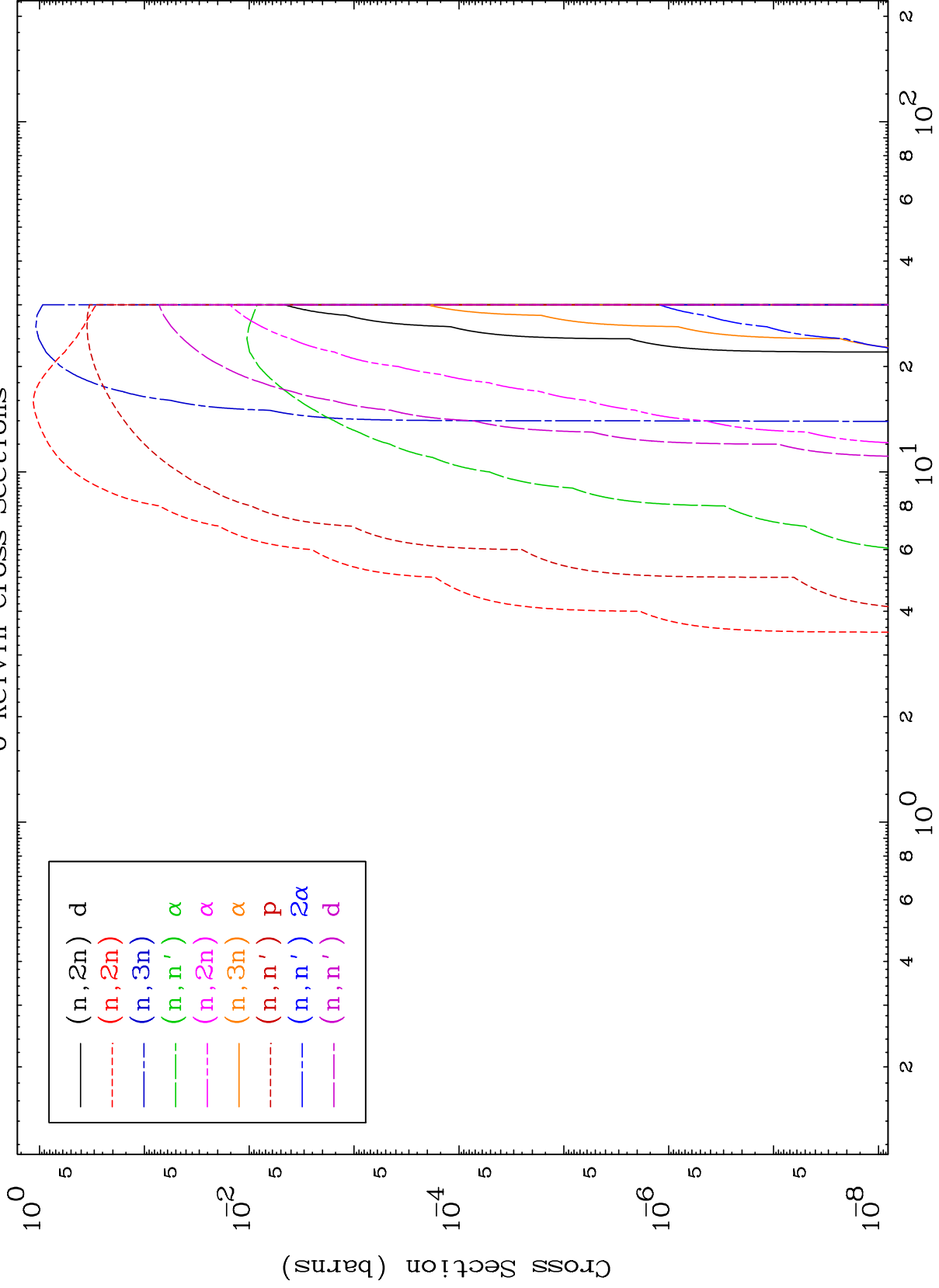
Tele: 925-443-1911

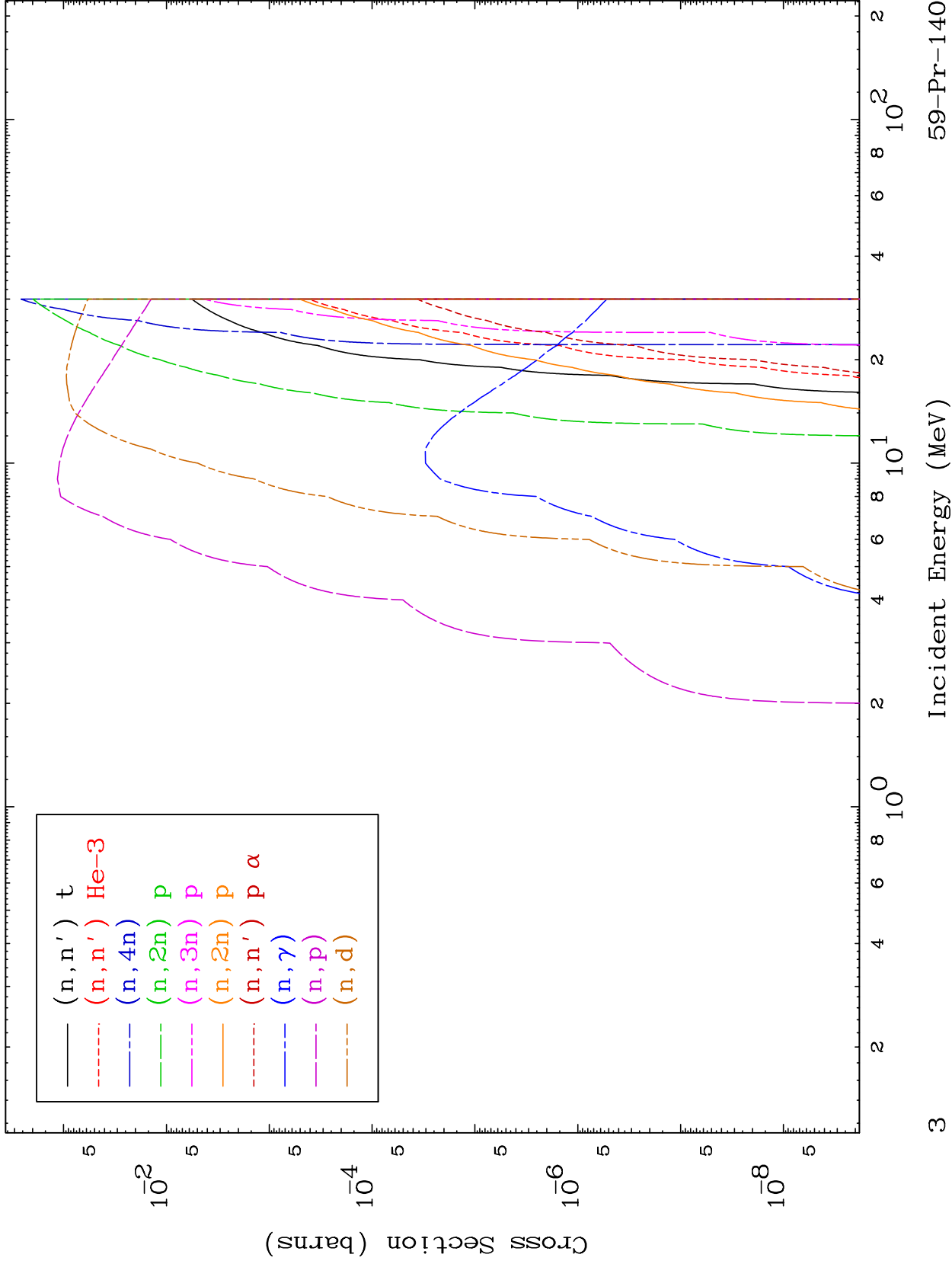
E.Mail:redcullen1@comcast.net

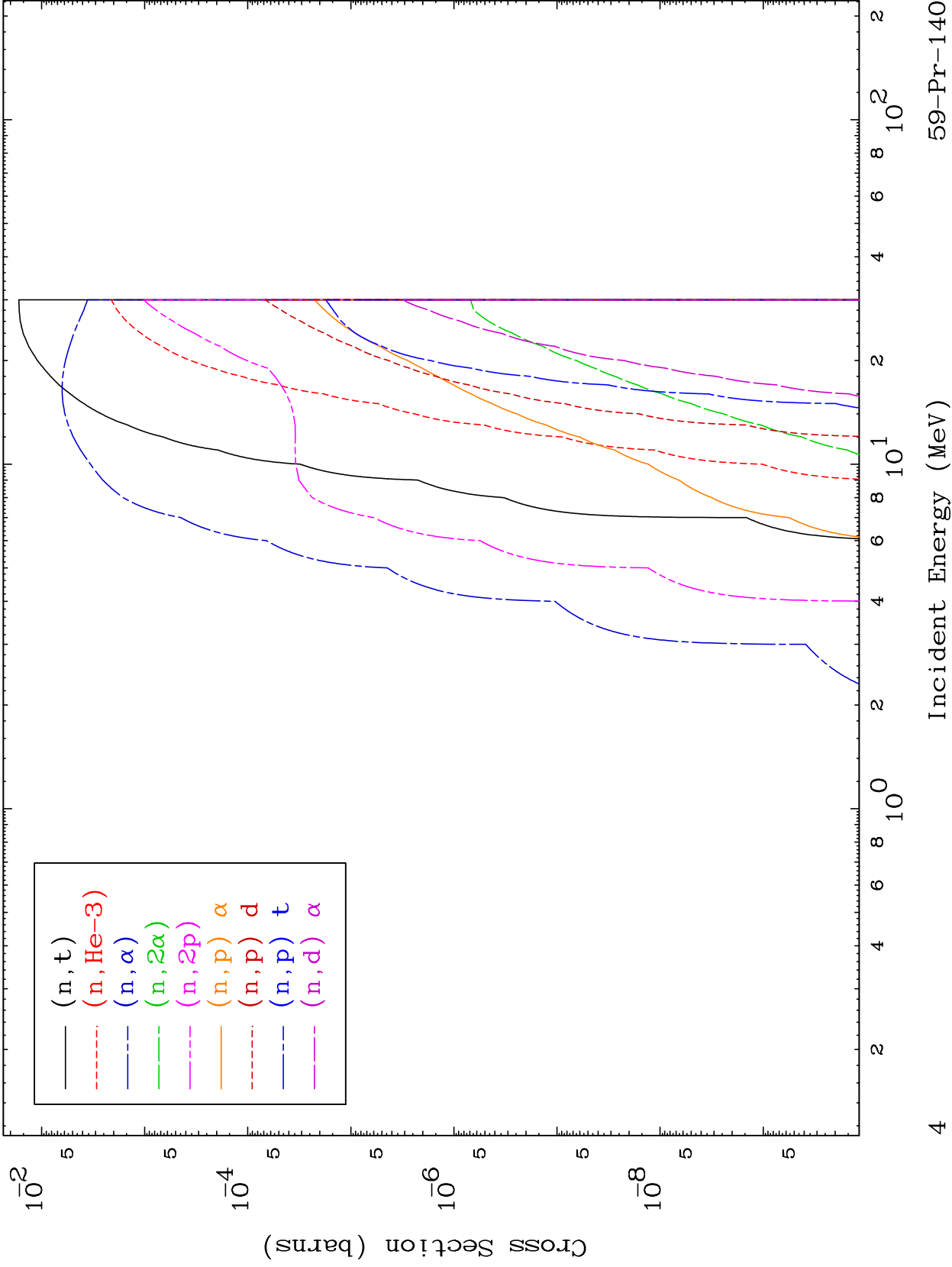
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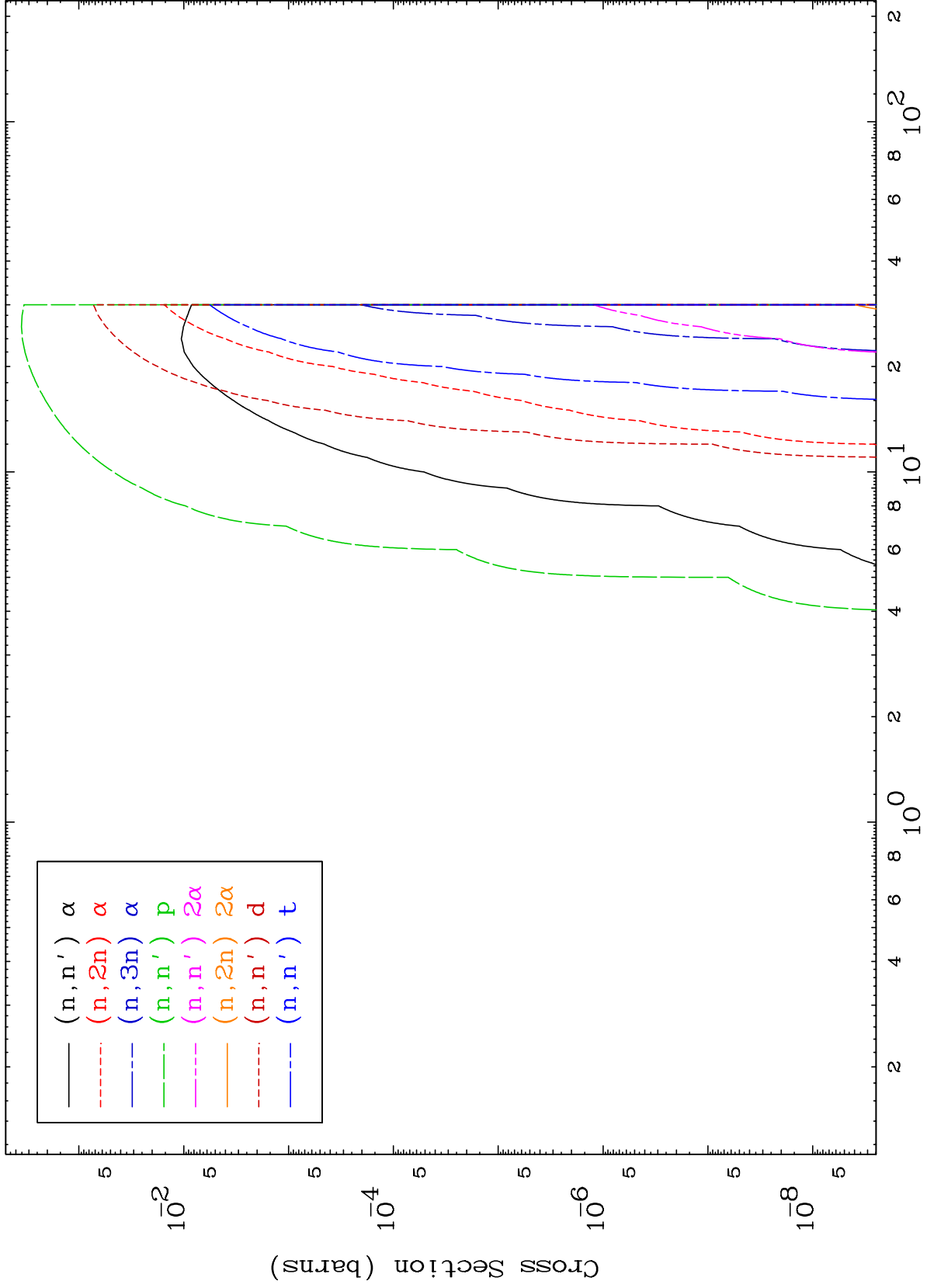
Press Mouse Button to Start

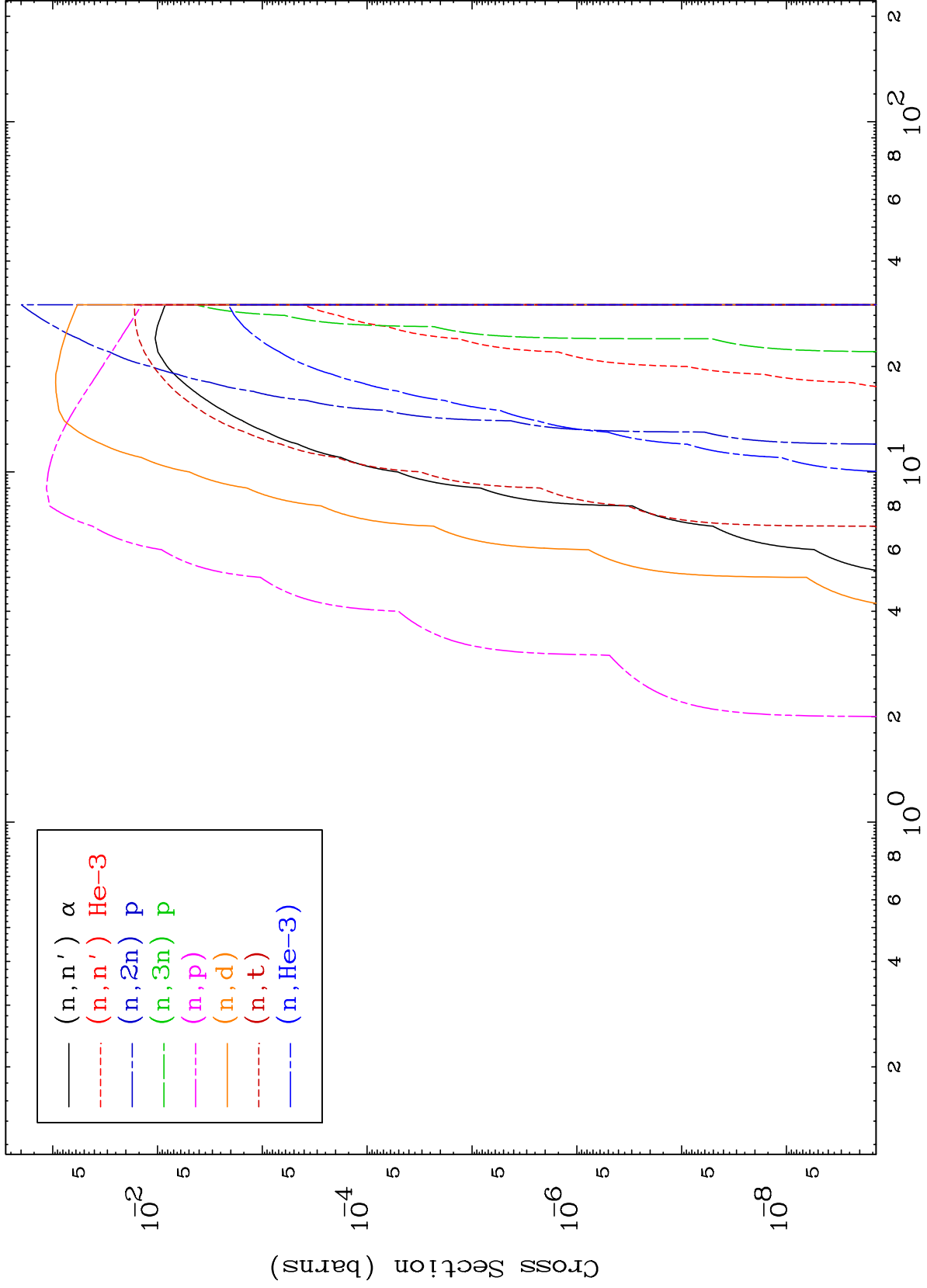


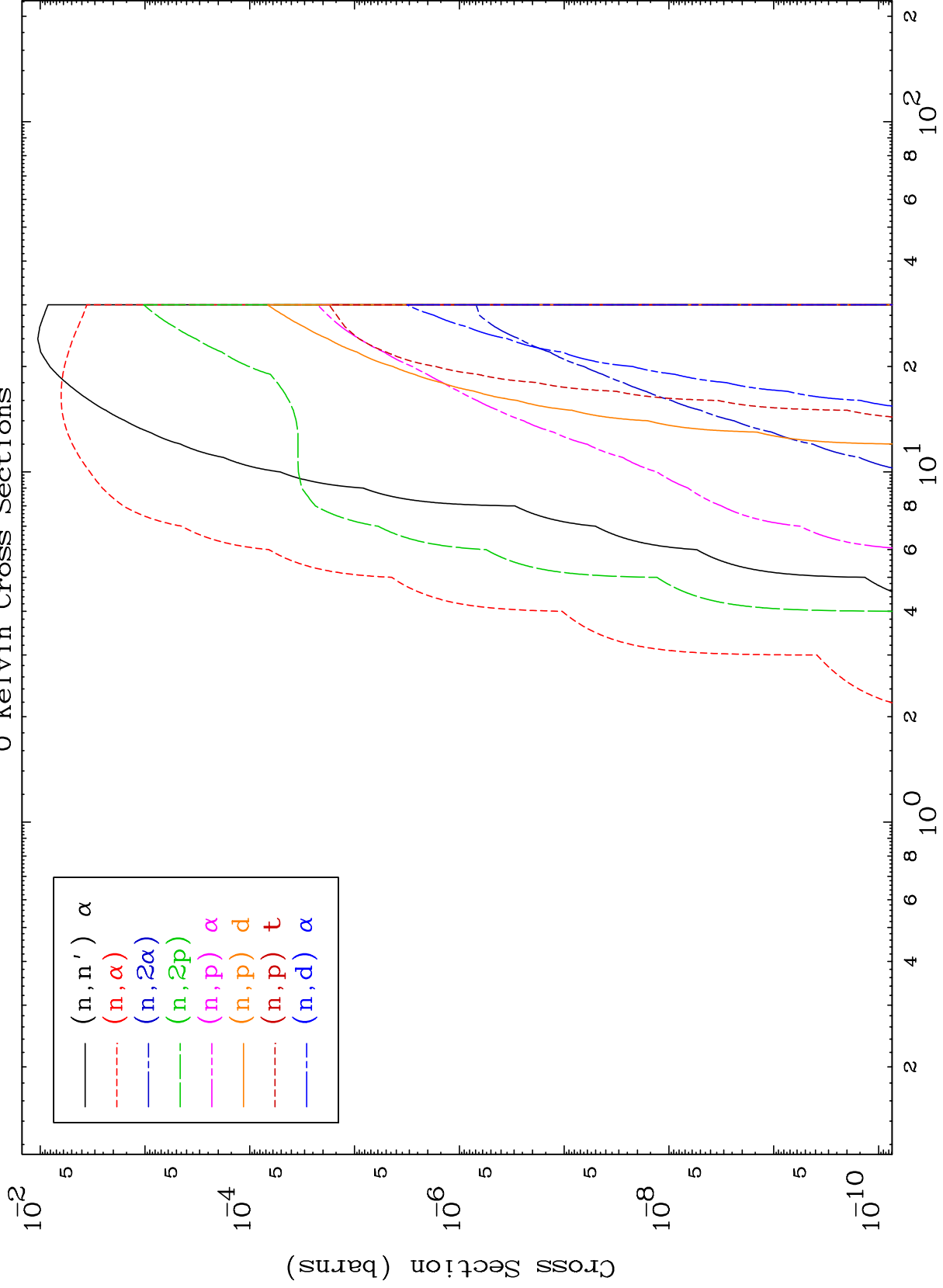












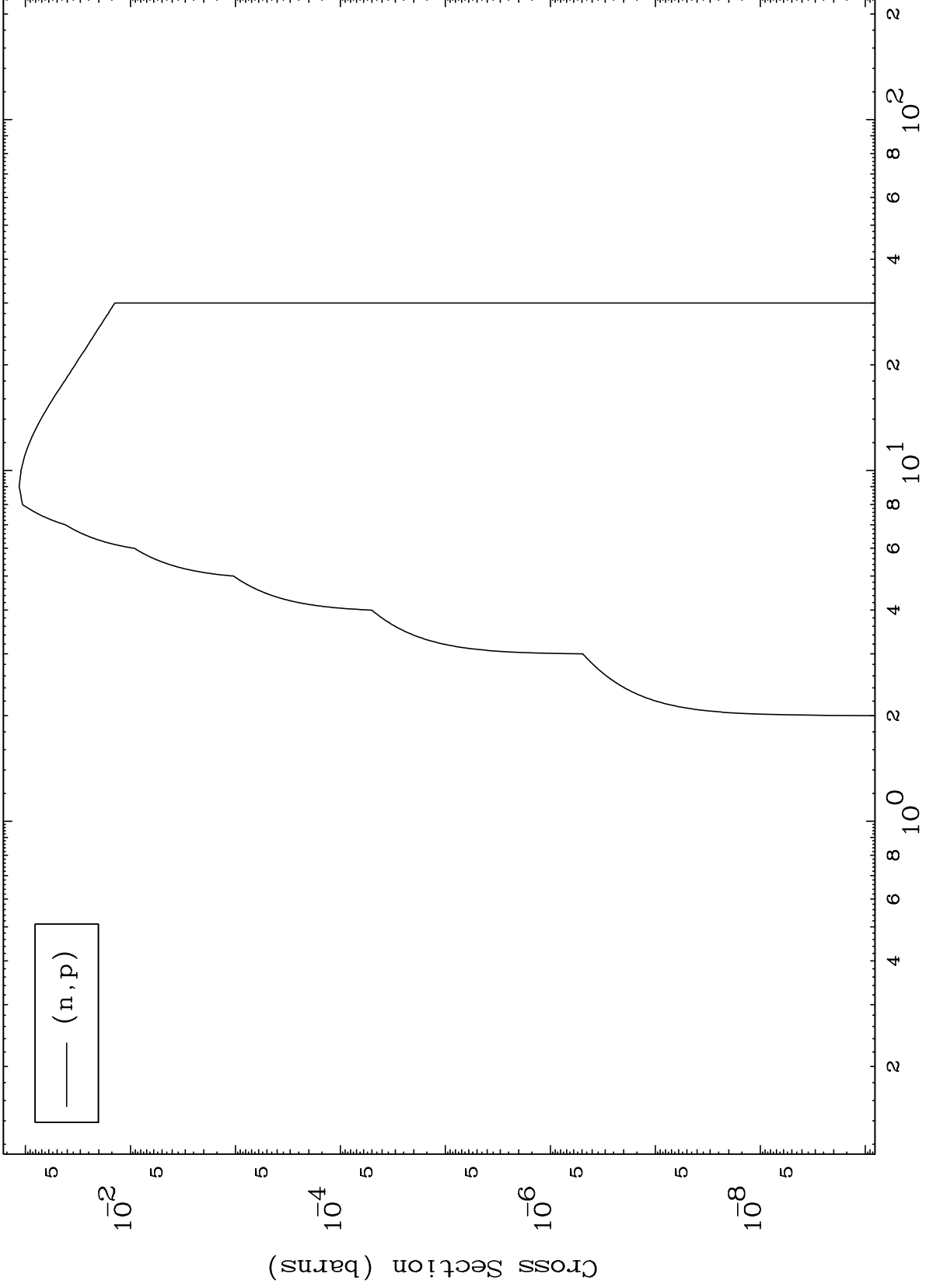


MAT 5922

(d,p) Levels

59-Pr-140

0 Kelvin Cross Sections

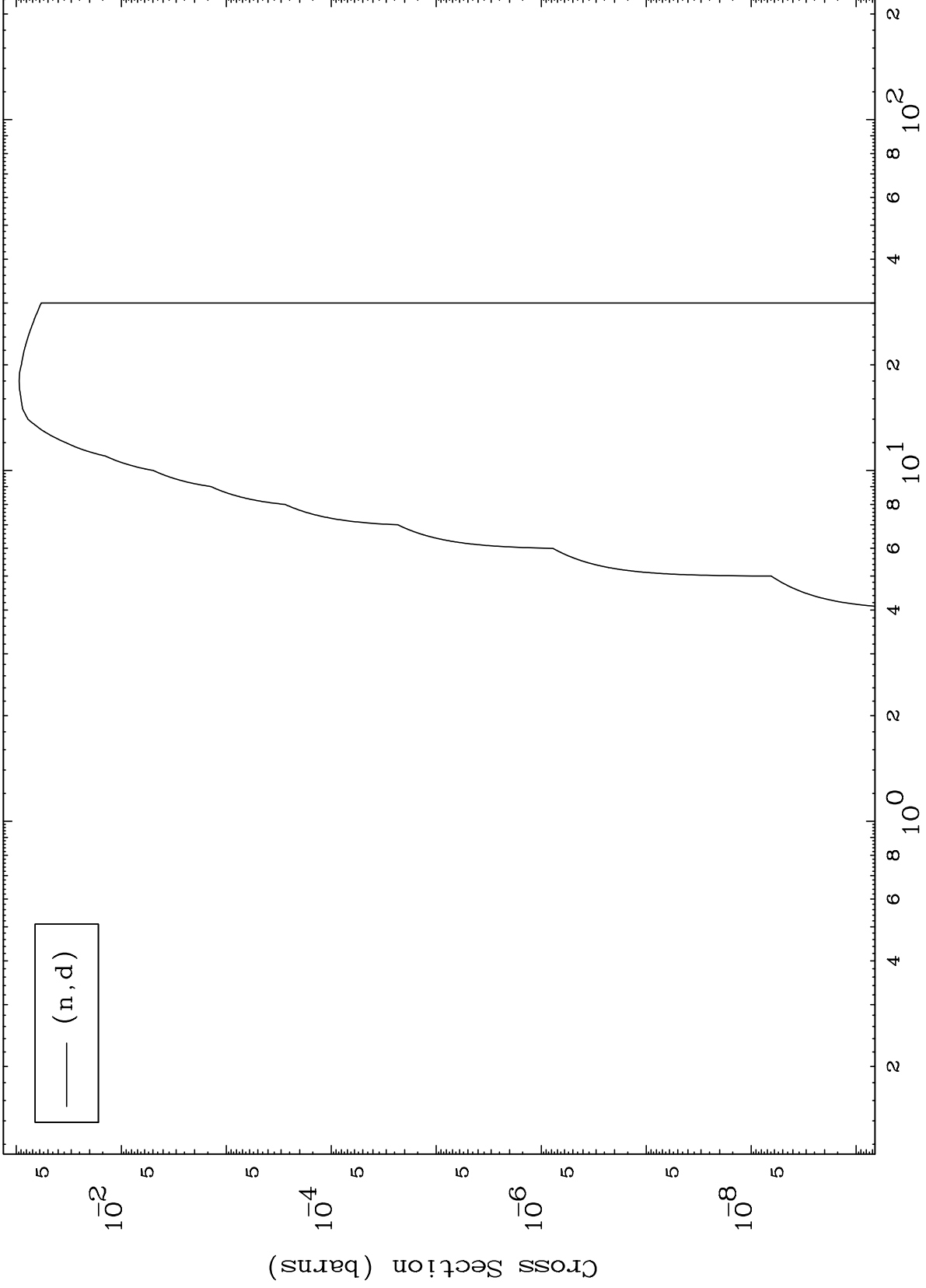


MAT 5922

(d,d) Levels

59-Pr-140

0 Kelvin Cross Sections

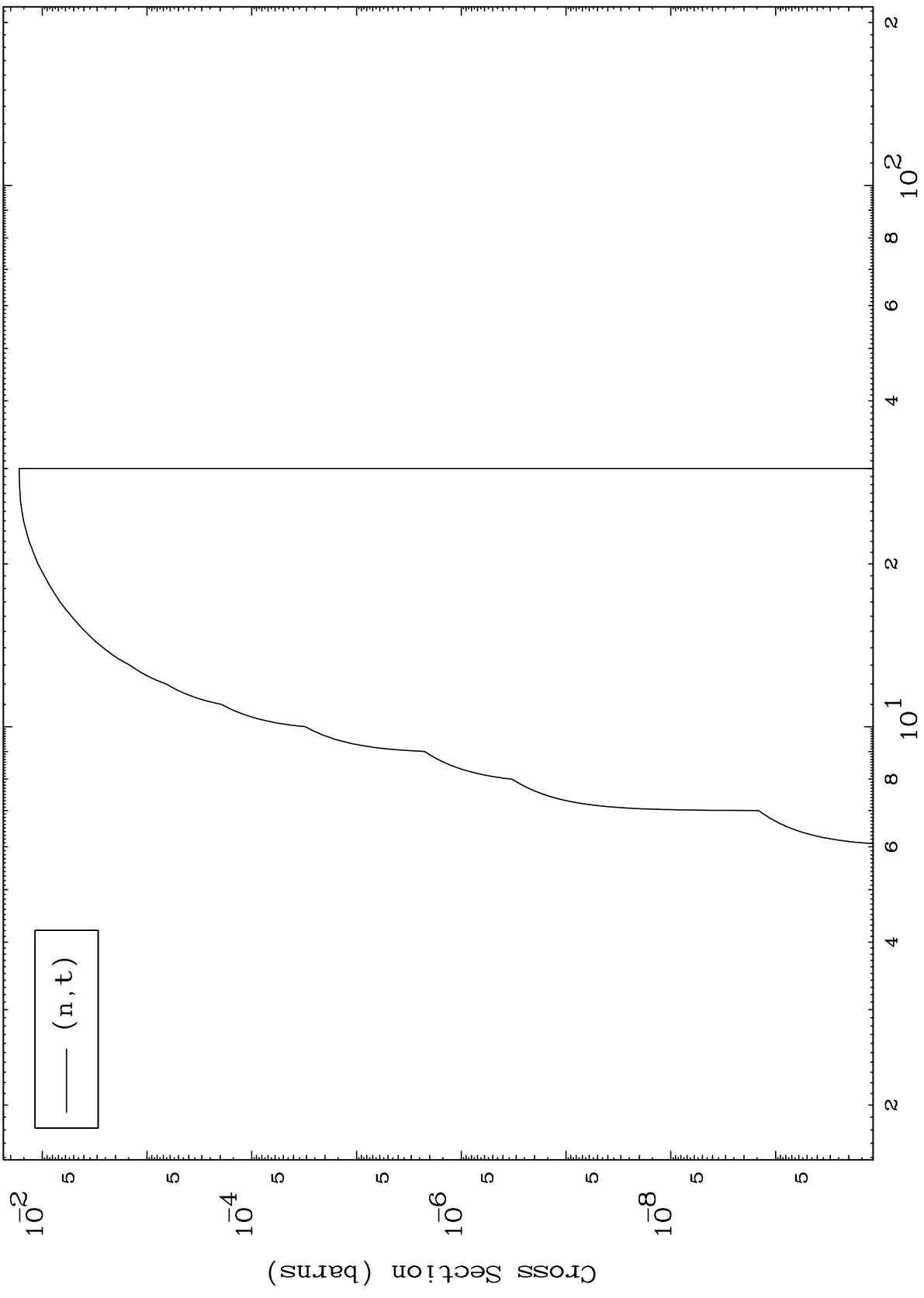


MAT 5922

(d,t) Levels

59-Pr-140

0 Kelvin Cross Sections



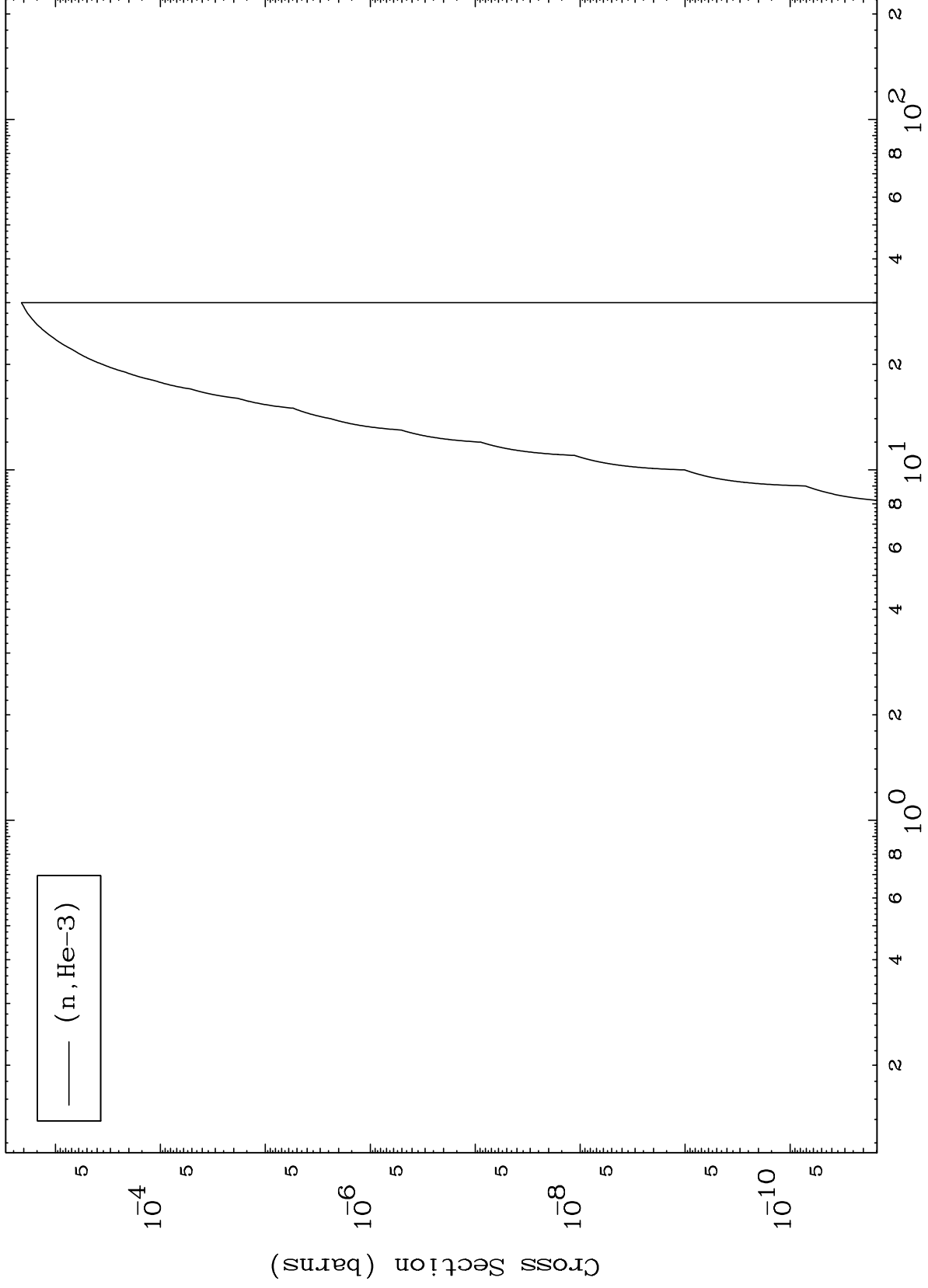
(n,t)

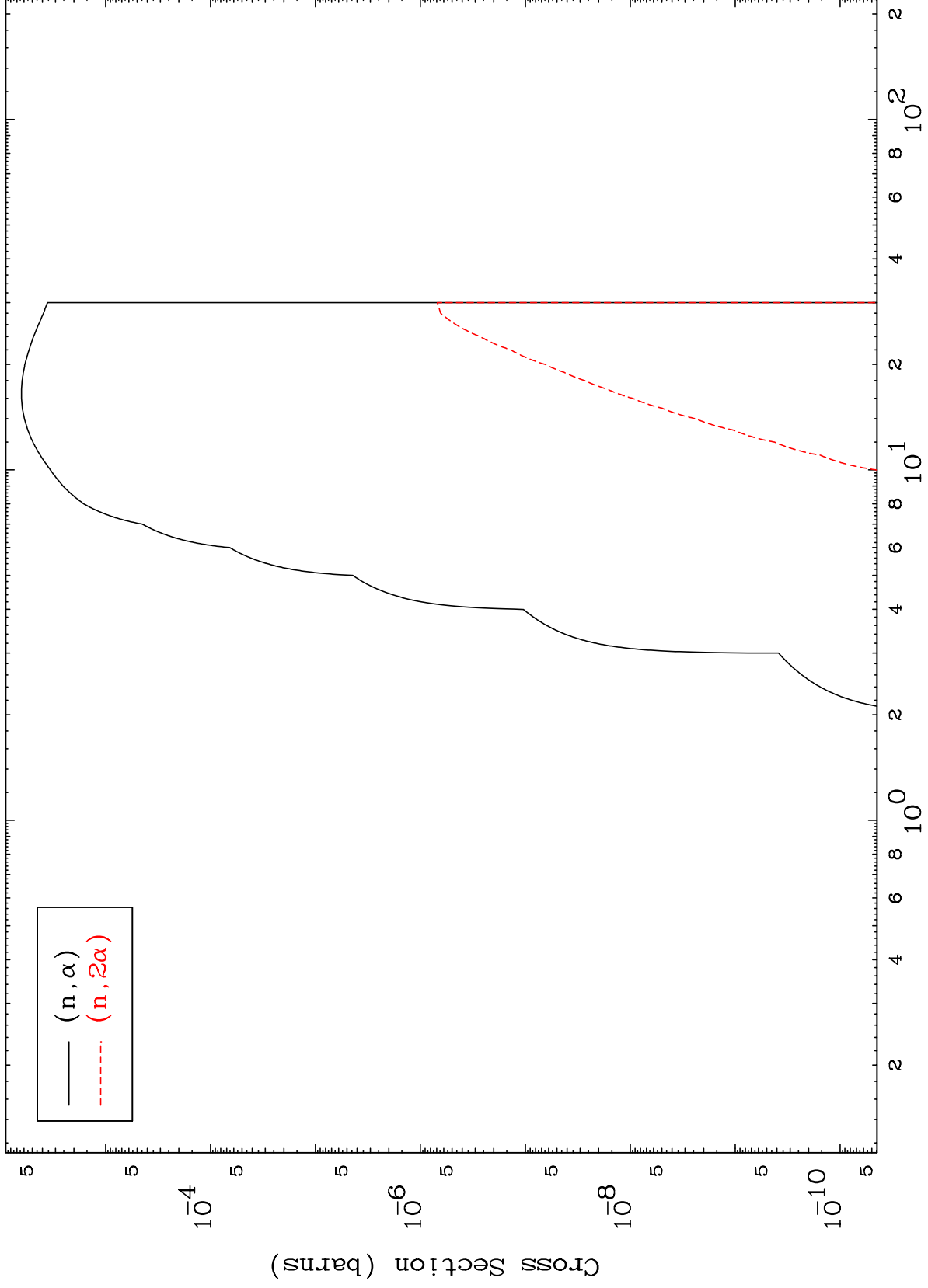
10

Incident Energy (MeV)

59-Pr-140

0 Kelvin Cross Sections

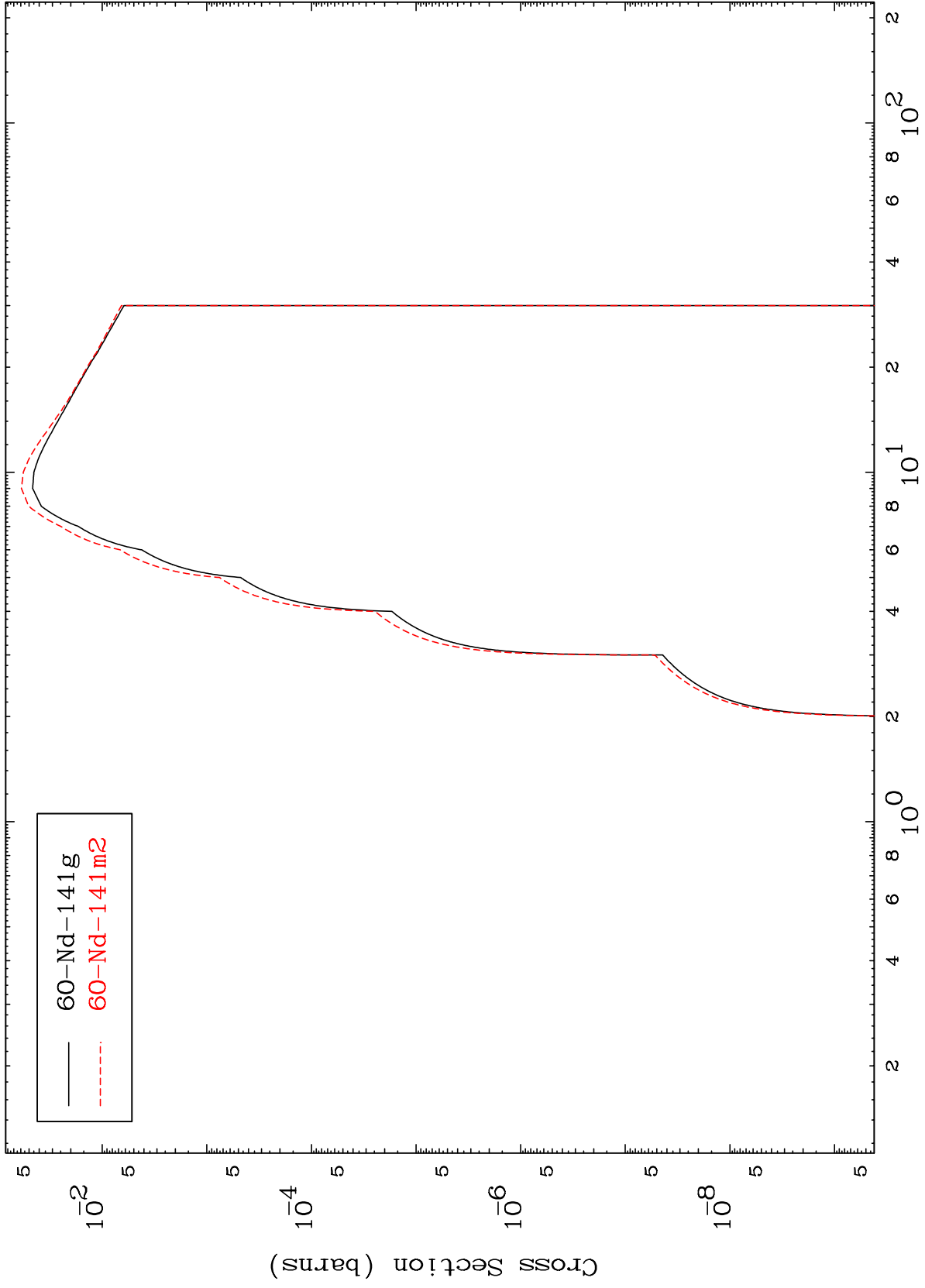




MAT 5922

59-Pr-140

Inelastic  
Radionuclide Production Cross Section

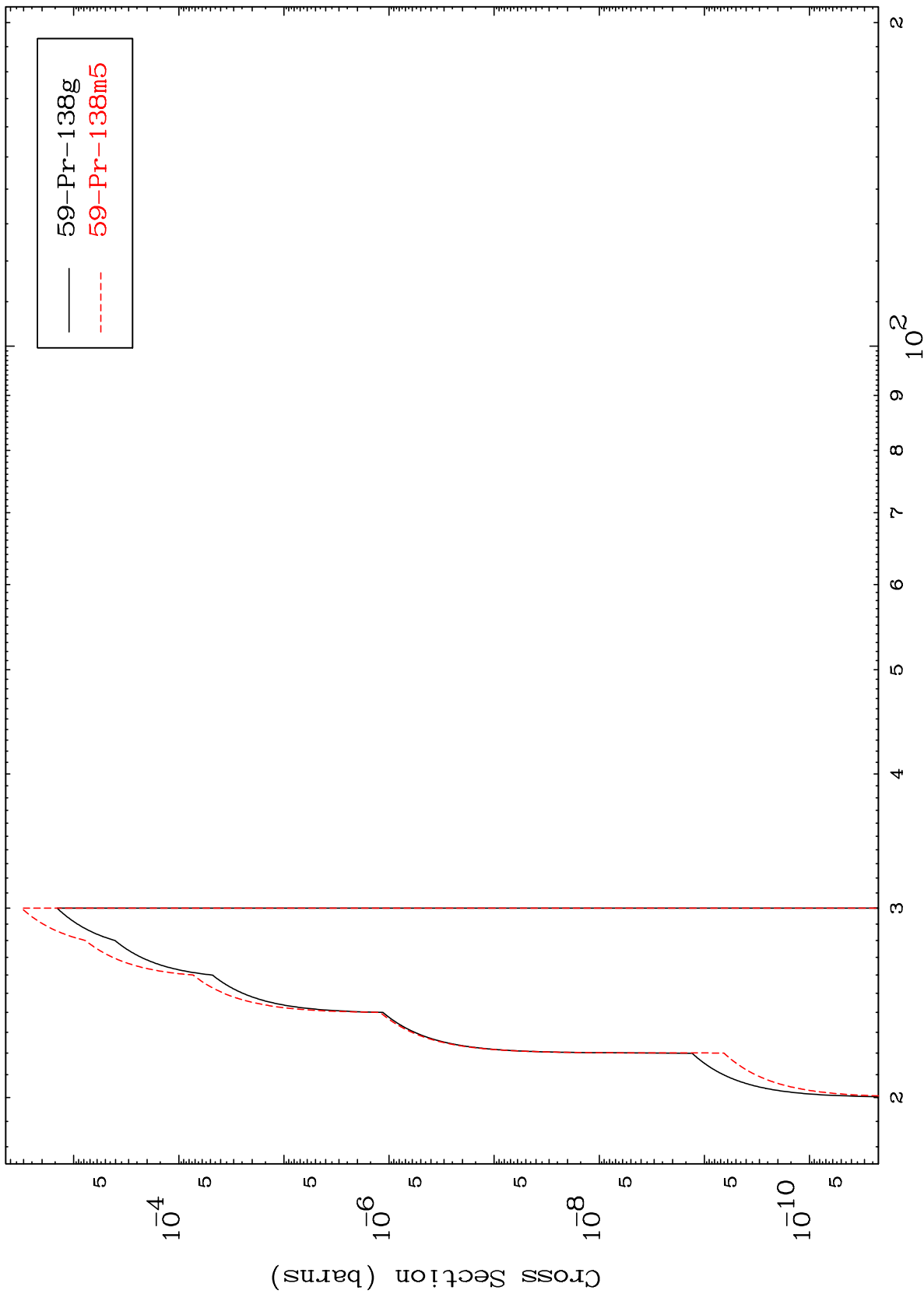


59-Pr-140

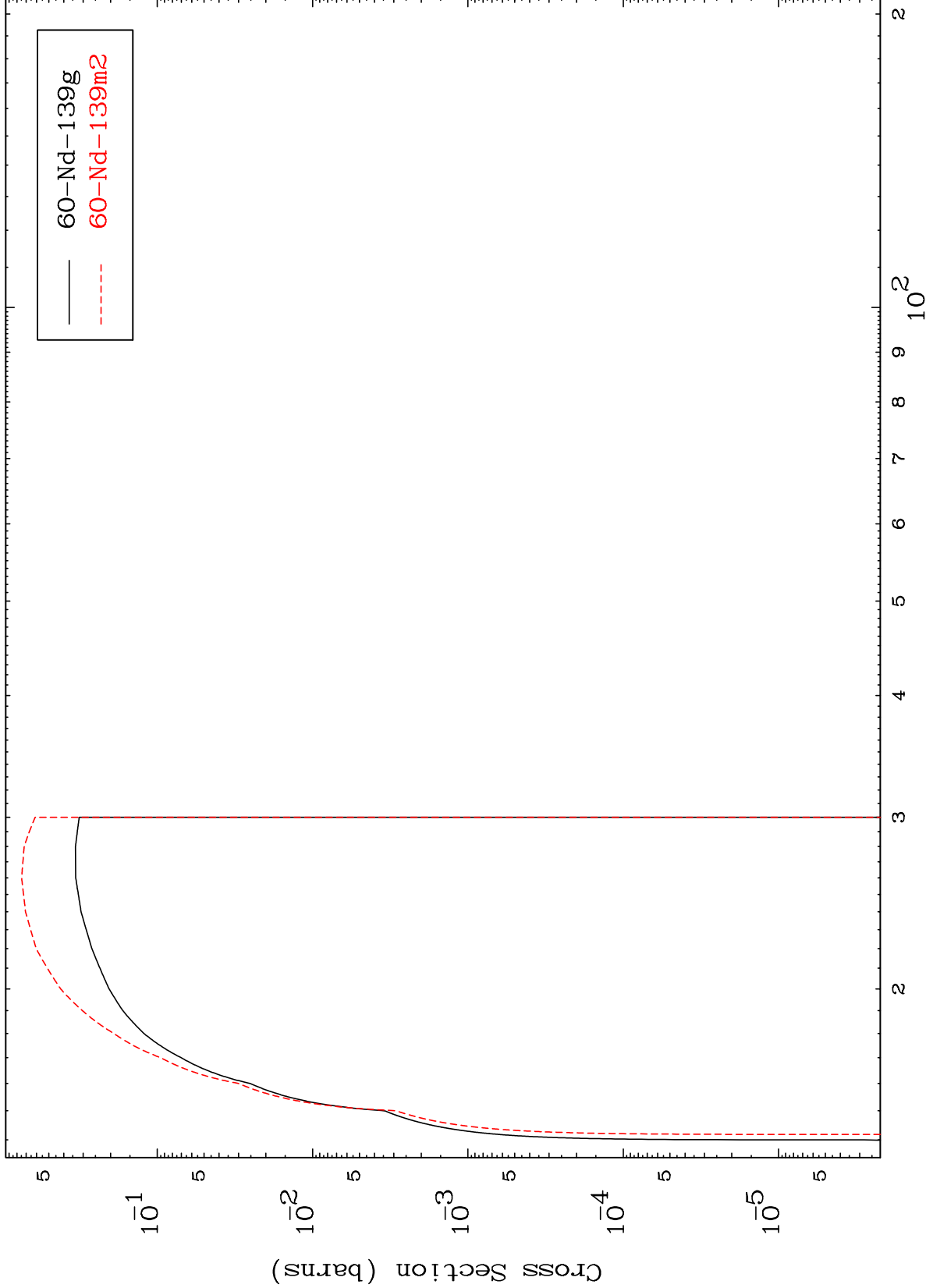
Incident Energy (MeV)

13

Radionuclide Production Cross Section



Radionuclide Production Cross Section



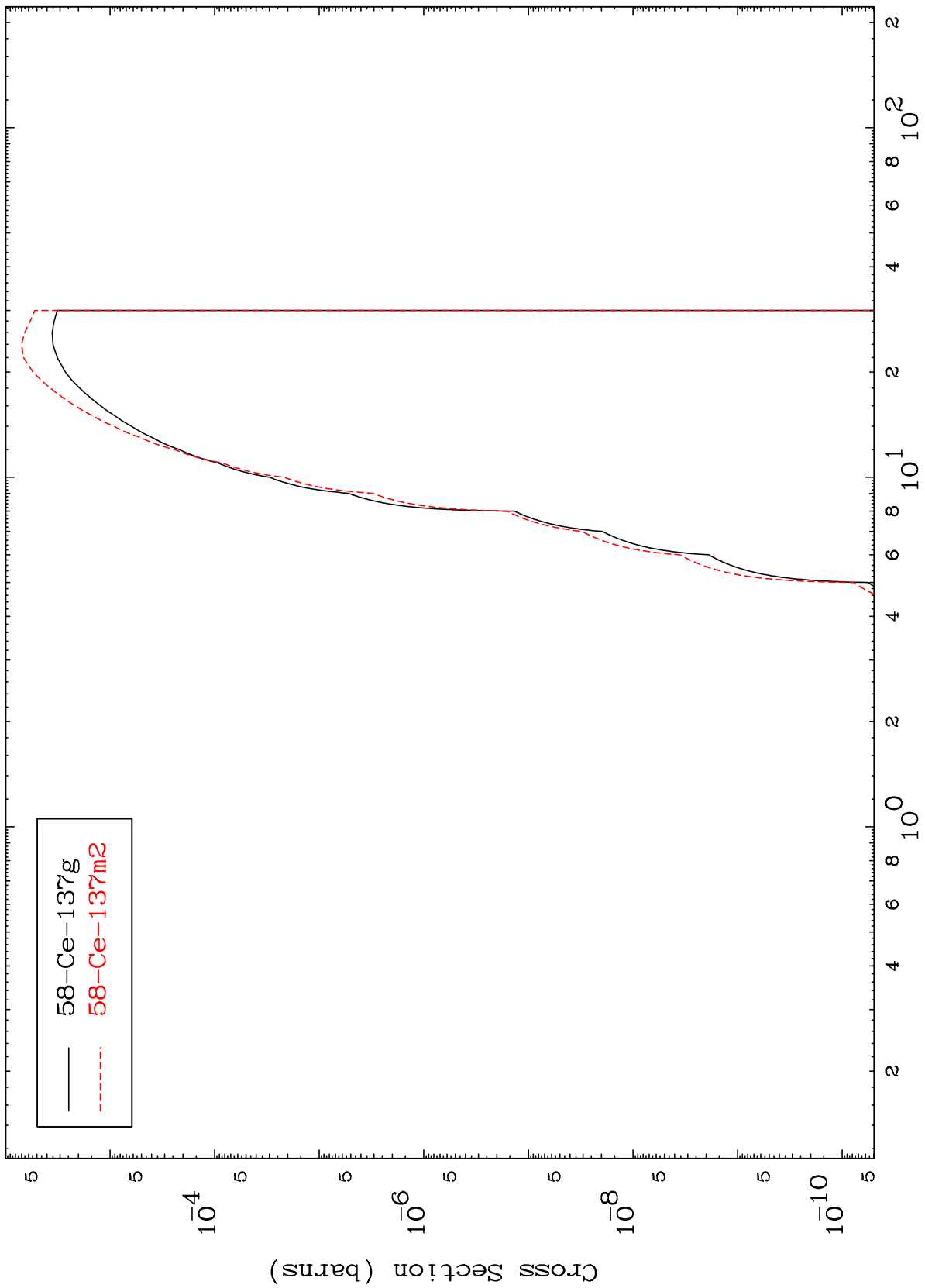


MAT 5922

(n,n')  $\alpha$

59-Pr-140

Radionuclide Production Cross Section



16

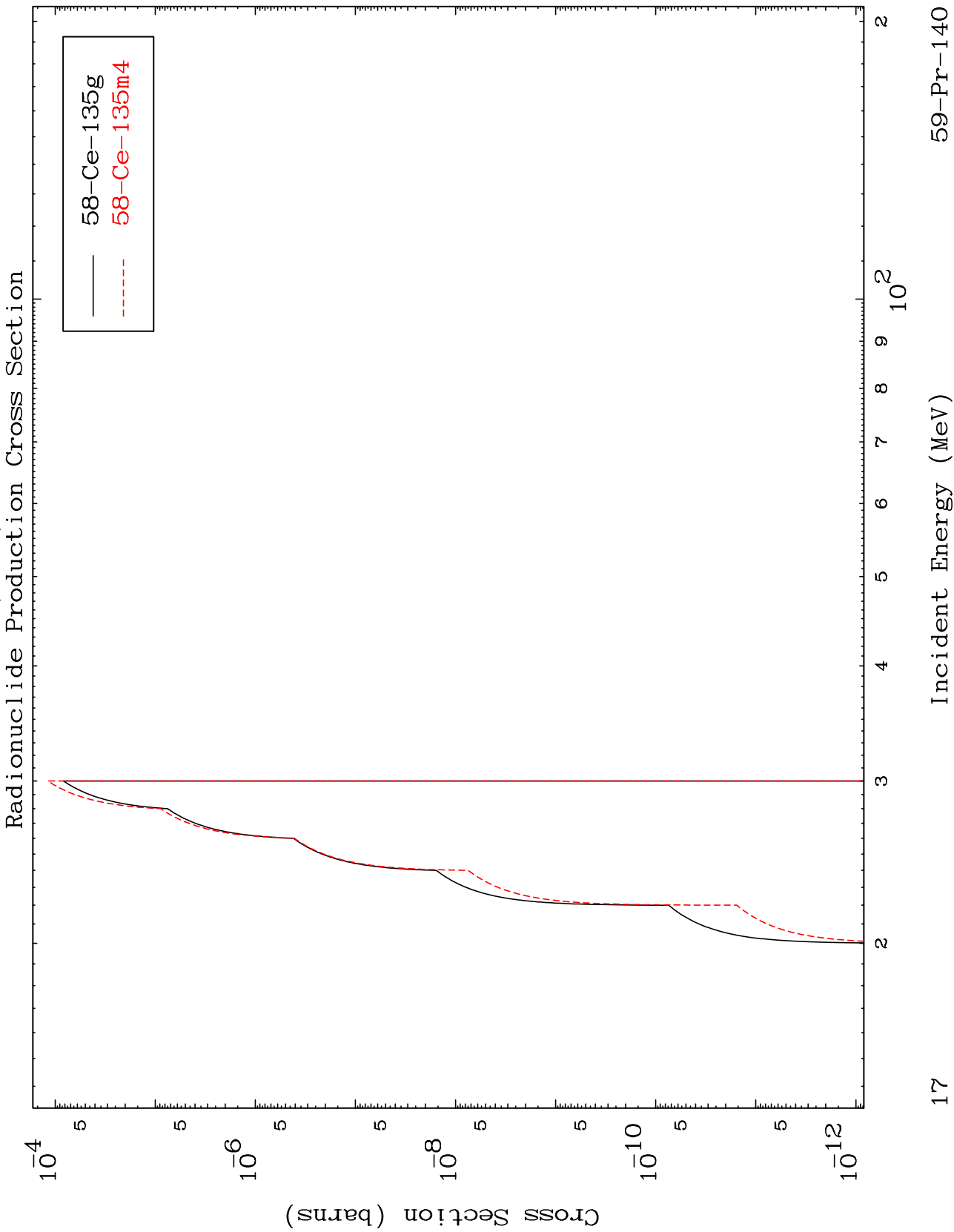
Incident Energy (MeV)

59-Pr-140

MAT 5922

(n,3n)  $\alpha$

59-Pr-140



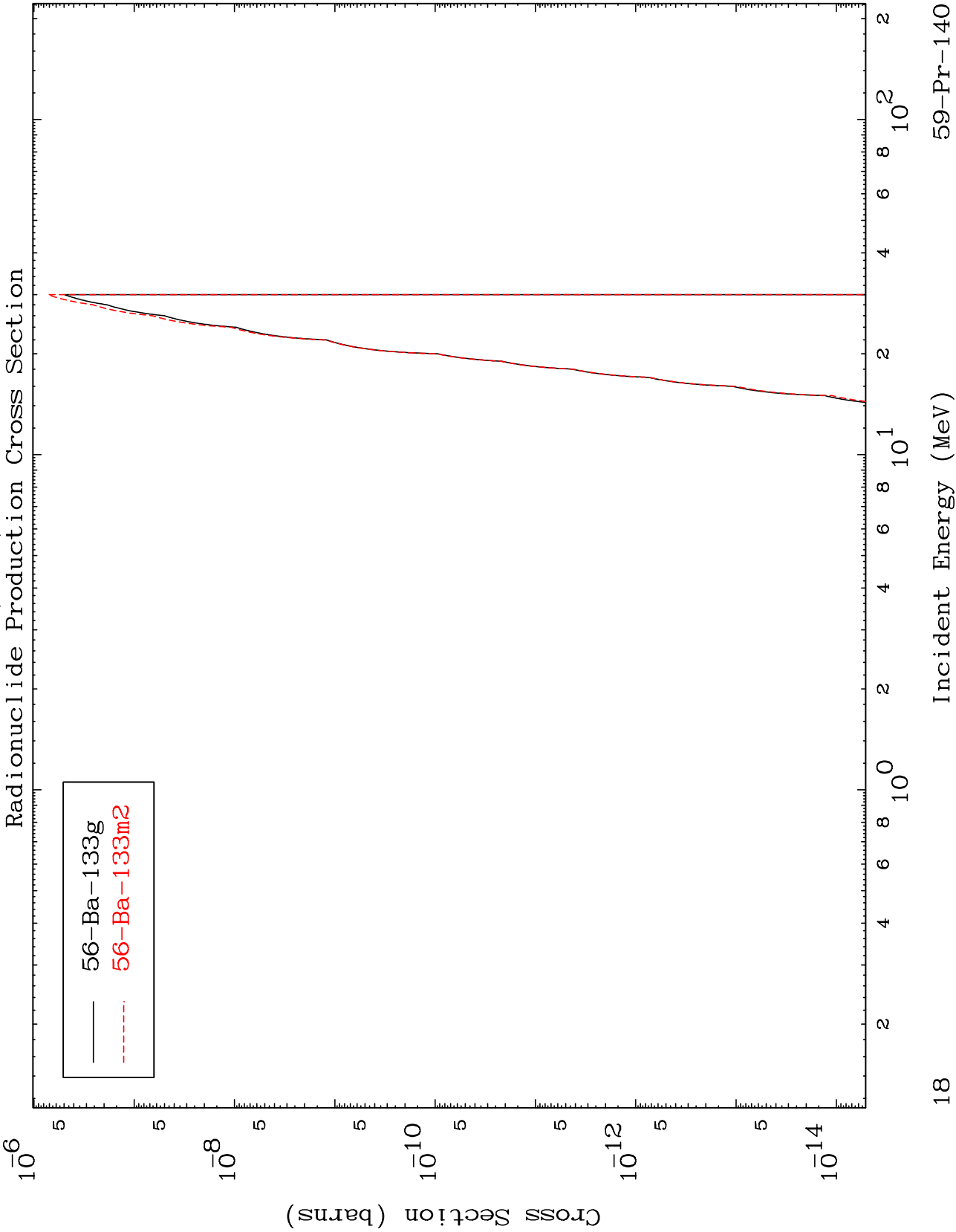
17

59-Pr-140

MAT 5922

(n,n') 2 $\alpha$

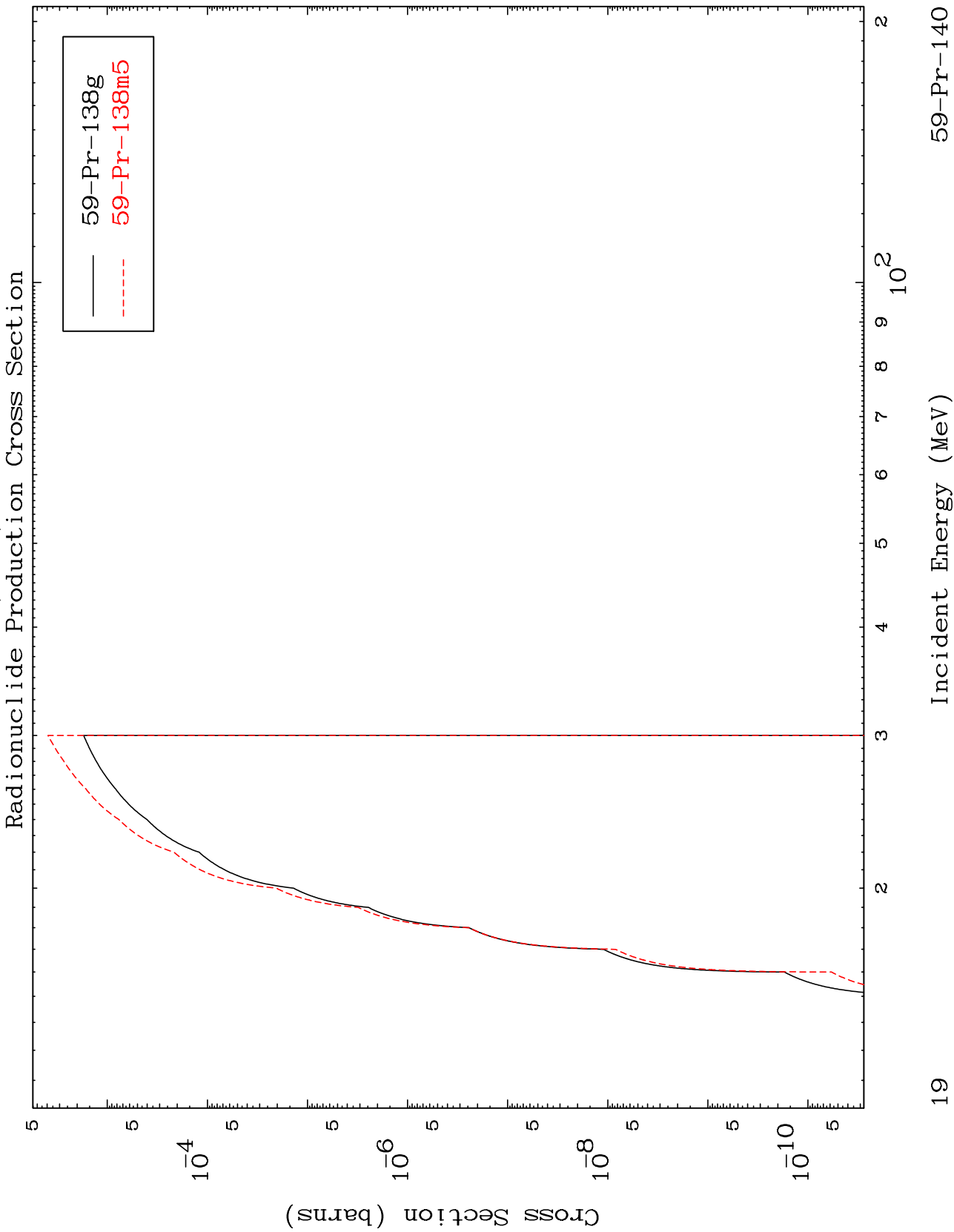
59-Pr-140



MAT 5922

(n,n') t

59-Pr-140



19

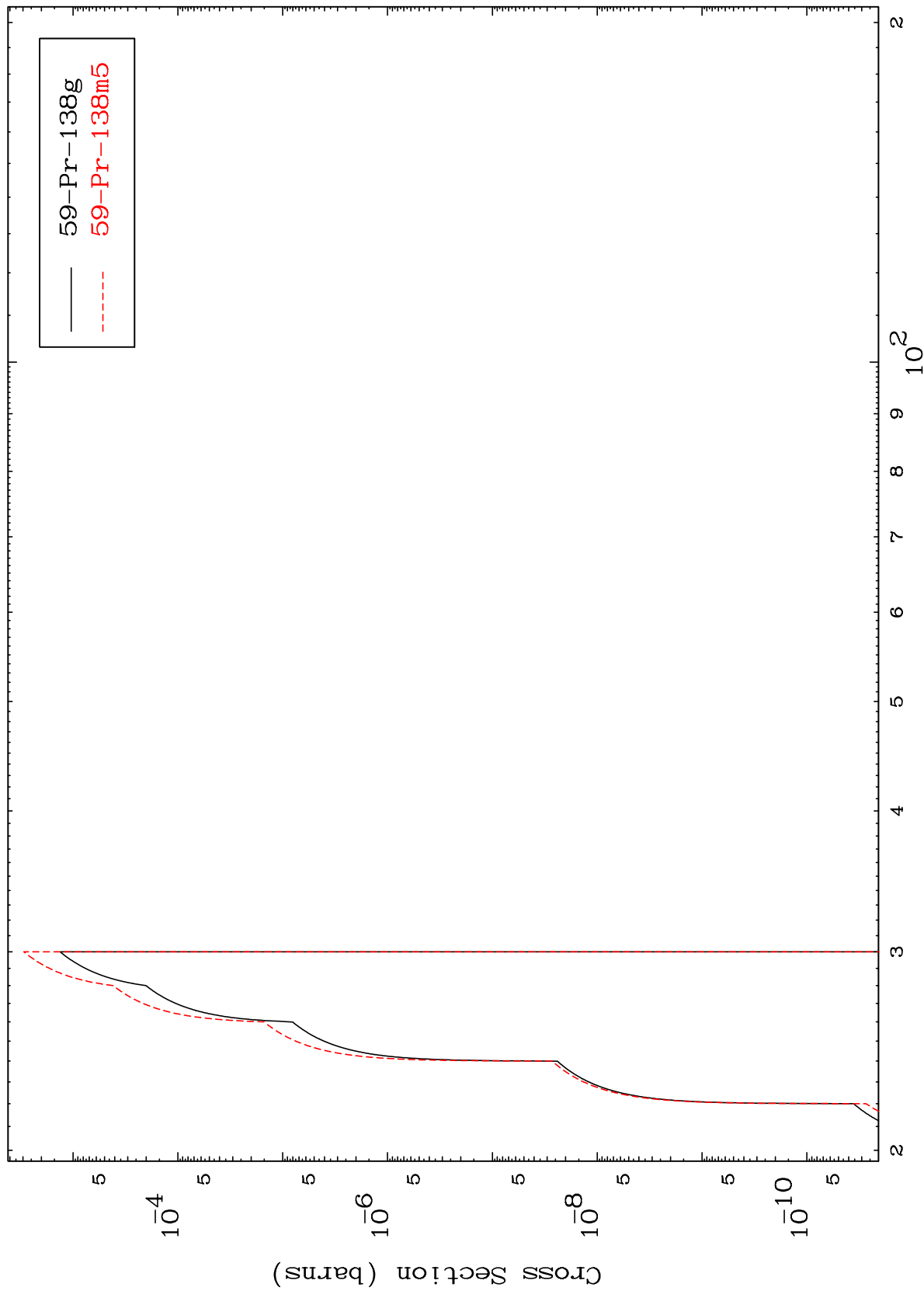
Incident Energy (MeV)

59-Pr-140

MAT 5922

59-Pr-140

(n,3n) p  
Radionuclide Production Cross Section



59-Pr-140

Incident Energy (MeV)

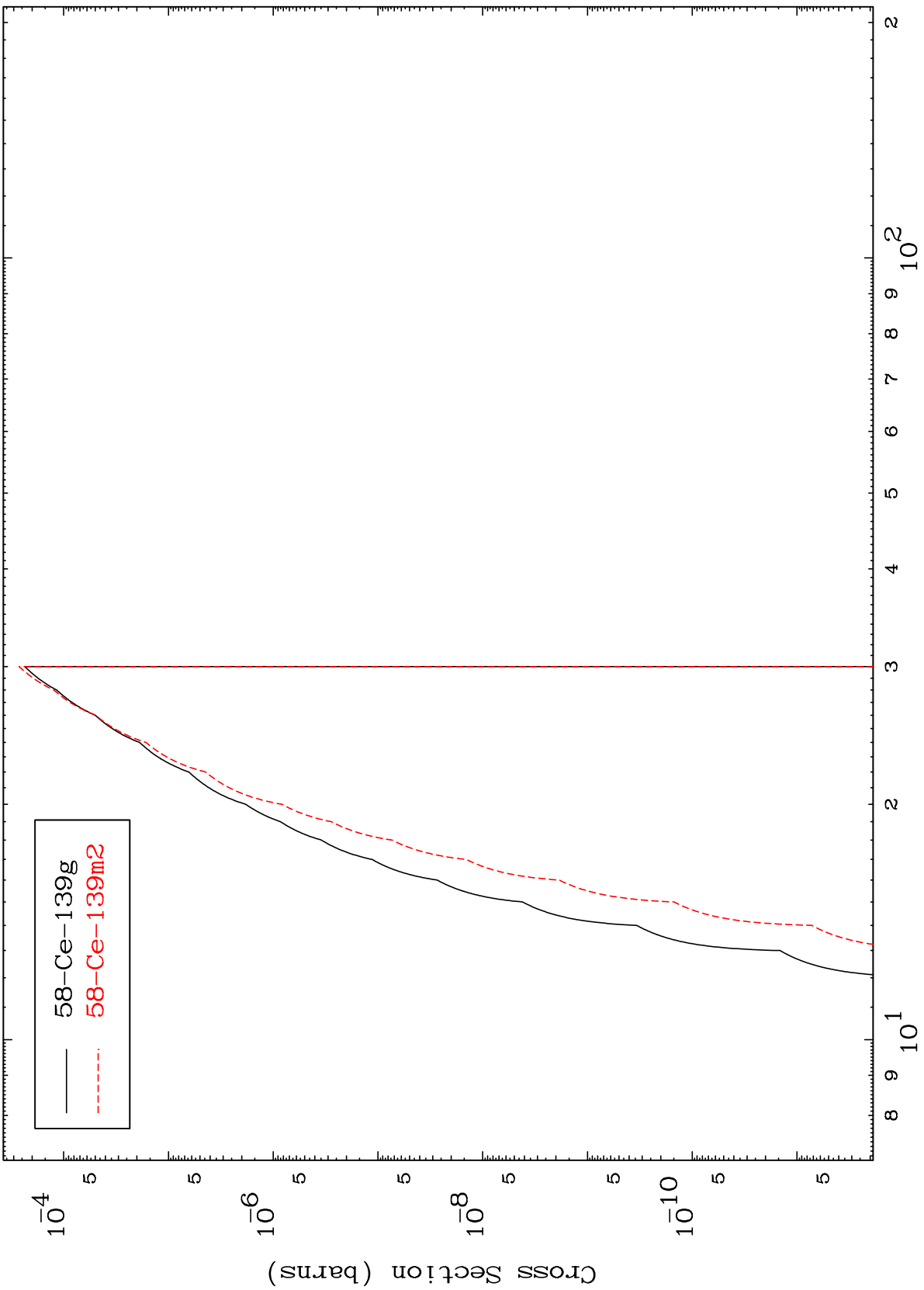
20

MAT 5922

(n,2n) p

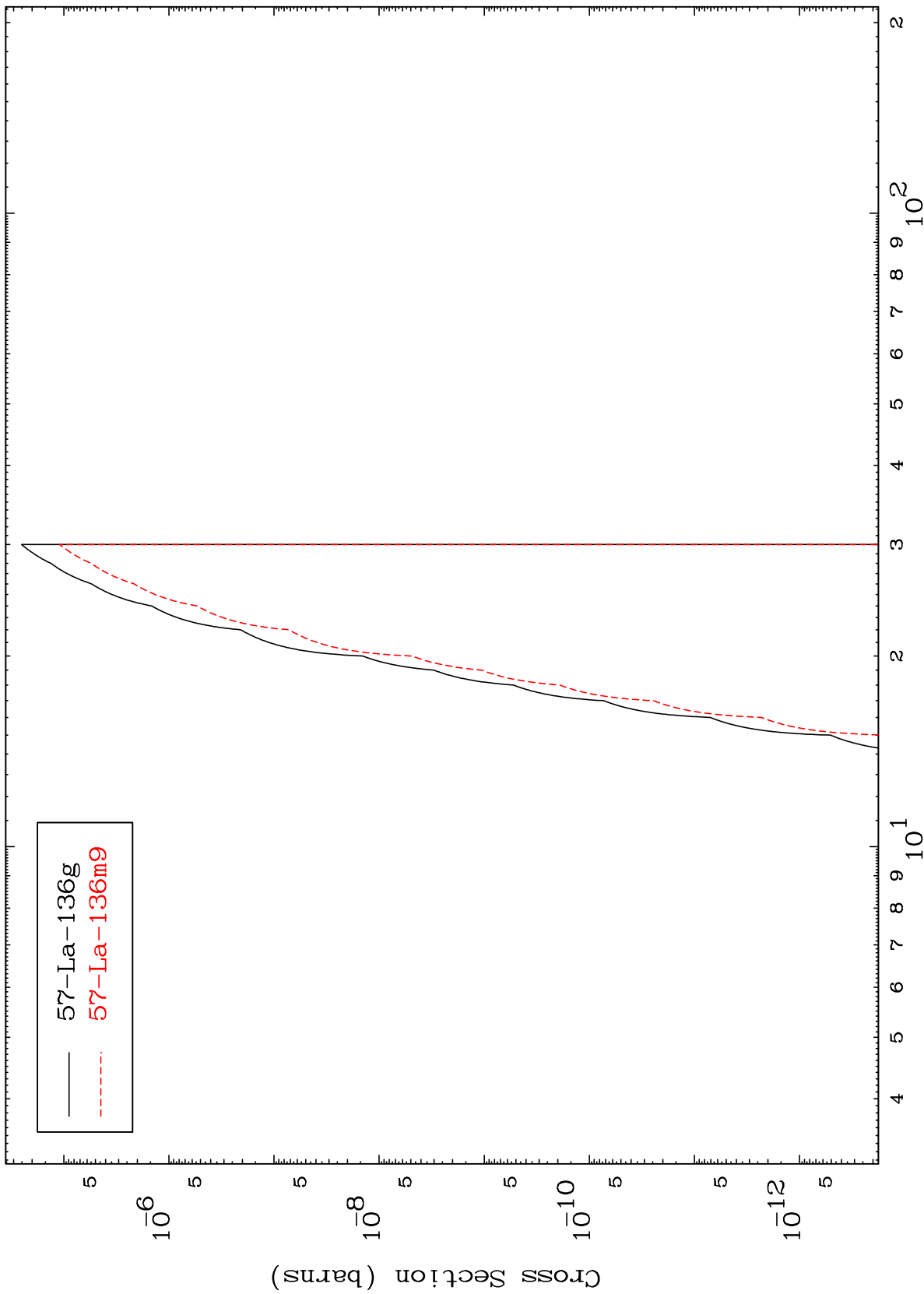
59-Pr-140

Radionuclide Production Cross Section



58-Ce-139g  
58-Ce-139m2

Radionuclide Production Cross Section

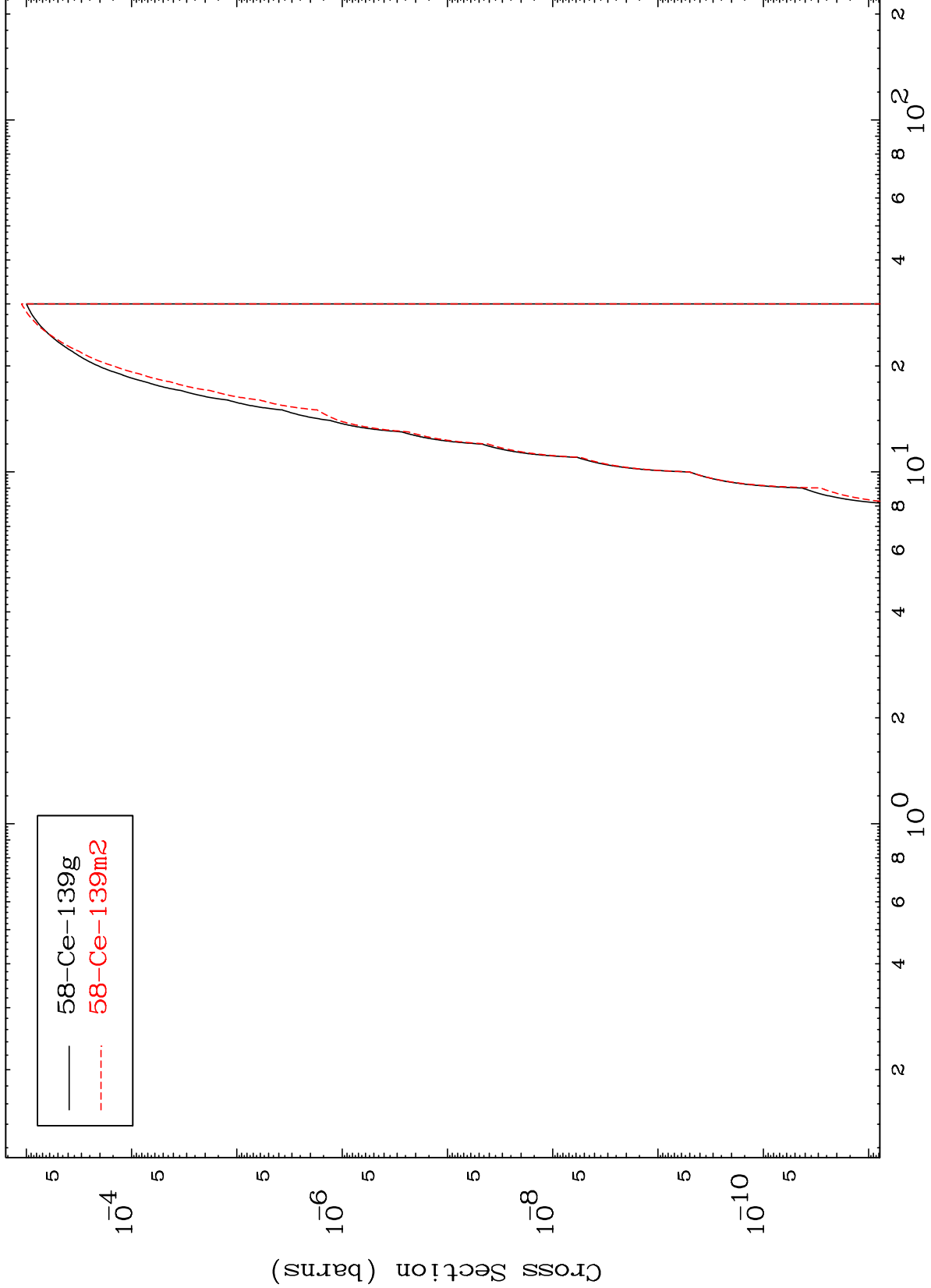


MAT 5922

(n,He-3)

59-Pr-140

Radionuclide Production Cross Section



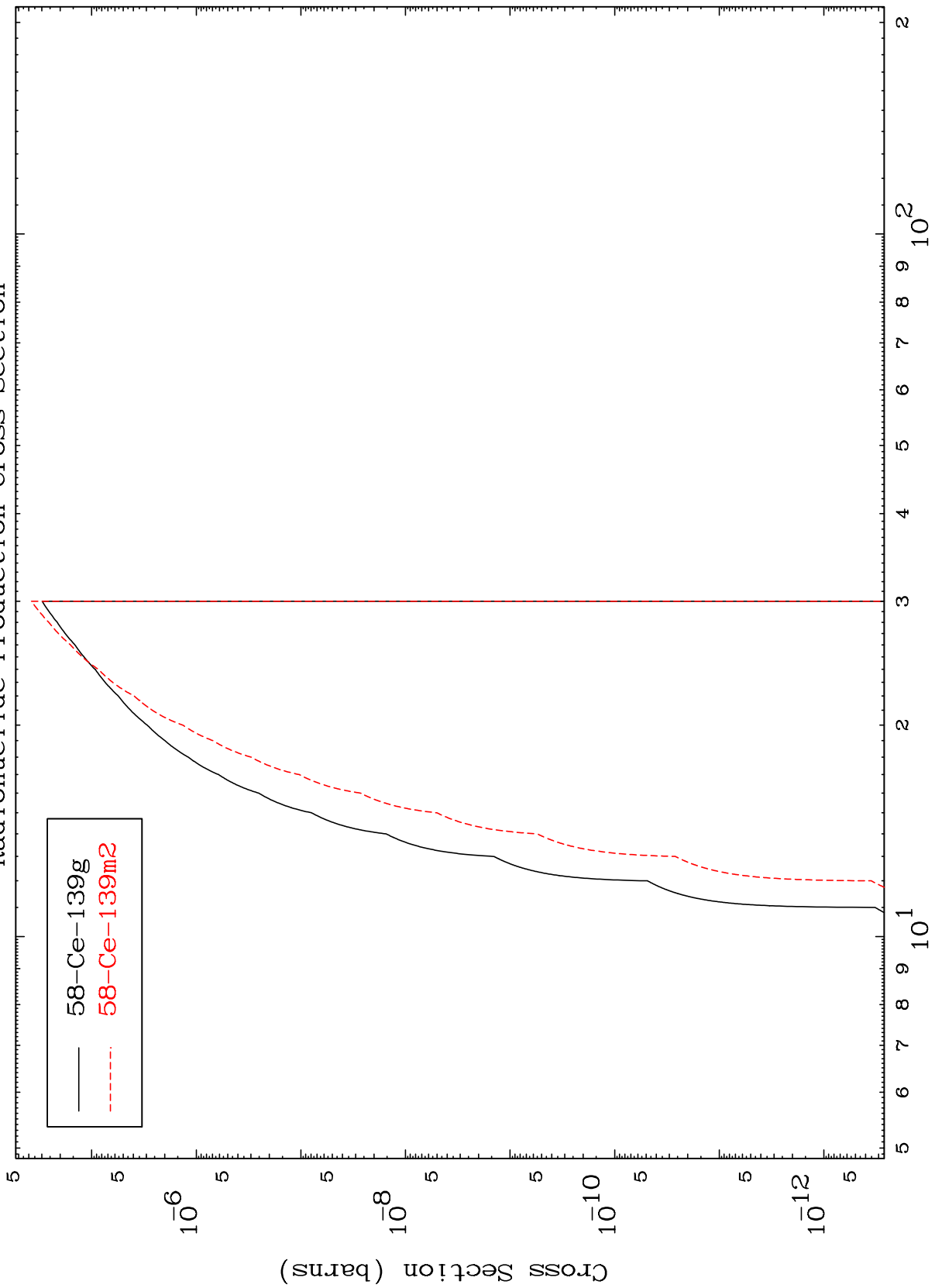


MAT 5922

(n,p) d

59-Pr-140

Radionuclide Production Cross Section



58-Ce-139g  
58-Ce-139m2

24

Incident Energy (MeV)

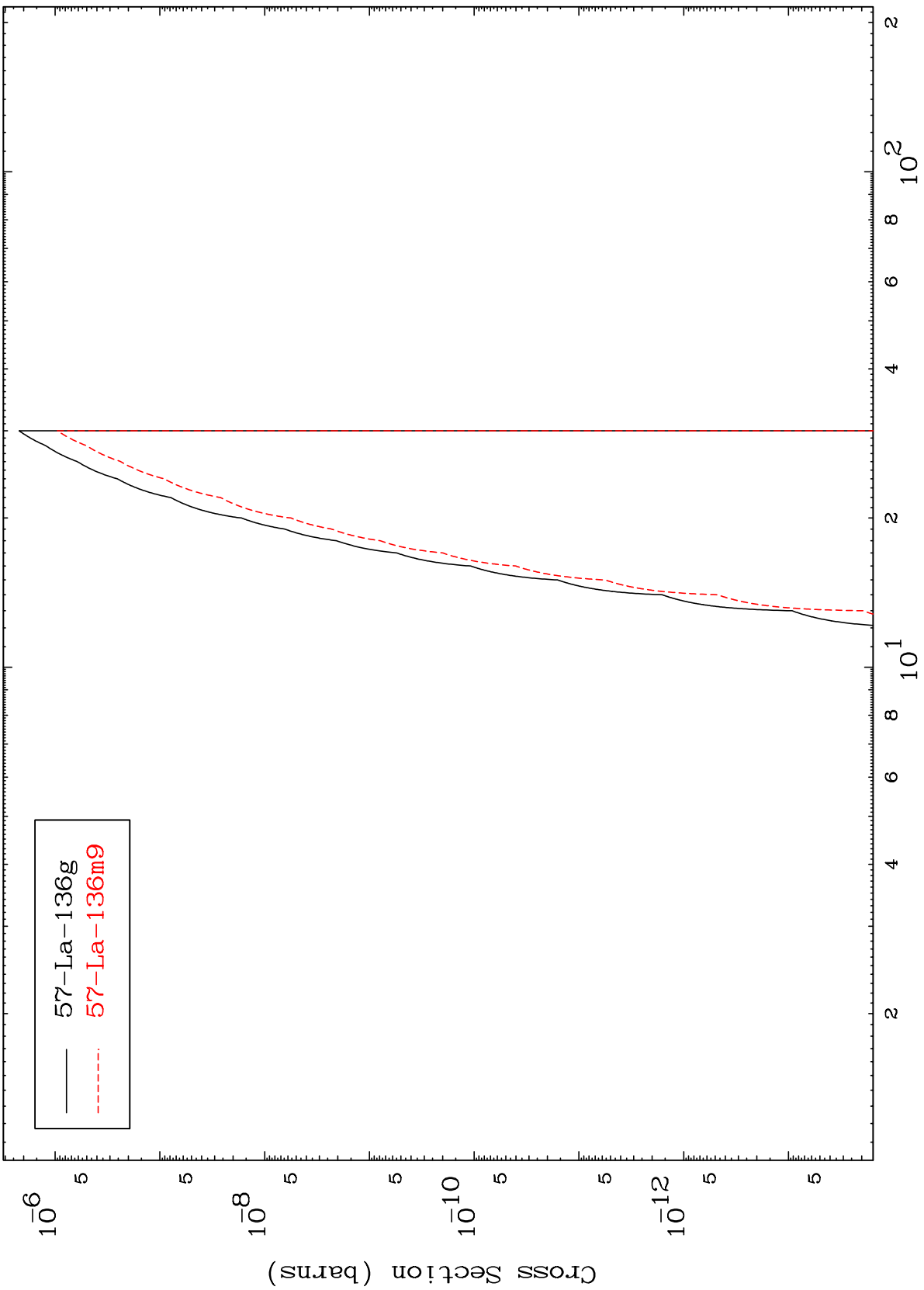
59-Pr-140

MAT 5922

(n,d)  $\alpha$

59-Pr-140

Radionuclide Production Cross Section



25

Incident Energy (MeV)

59-Pr-140