

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

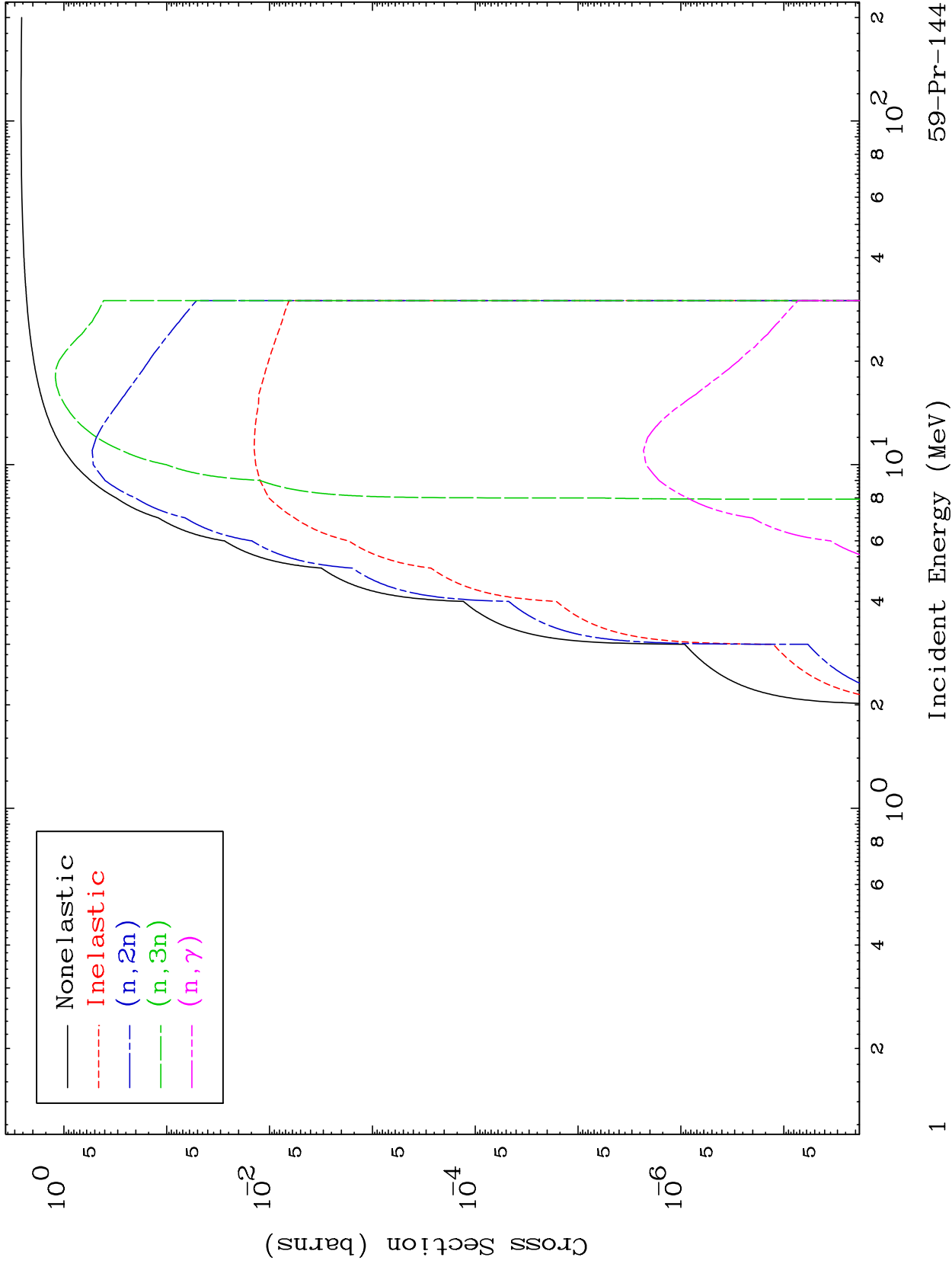
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

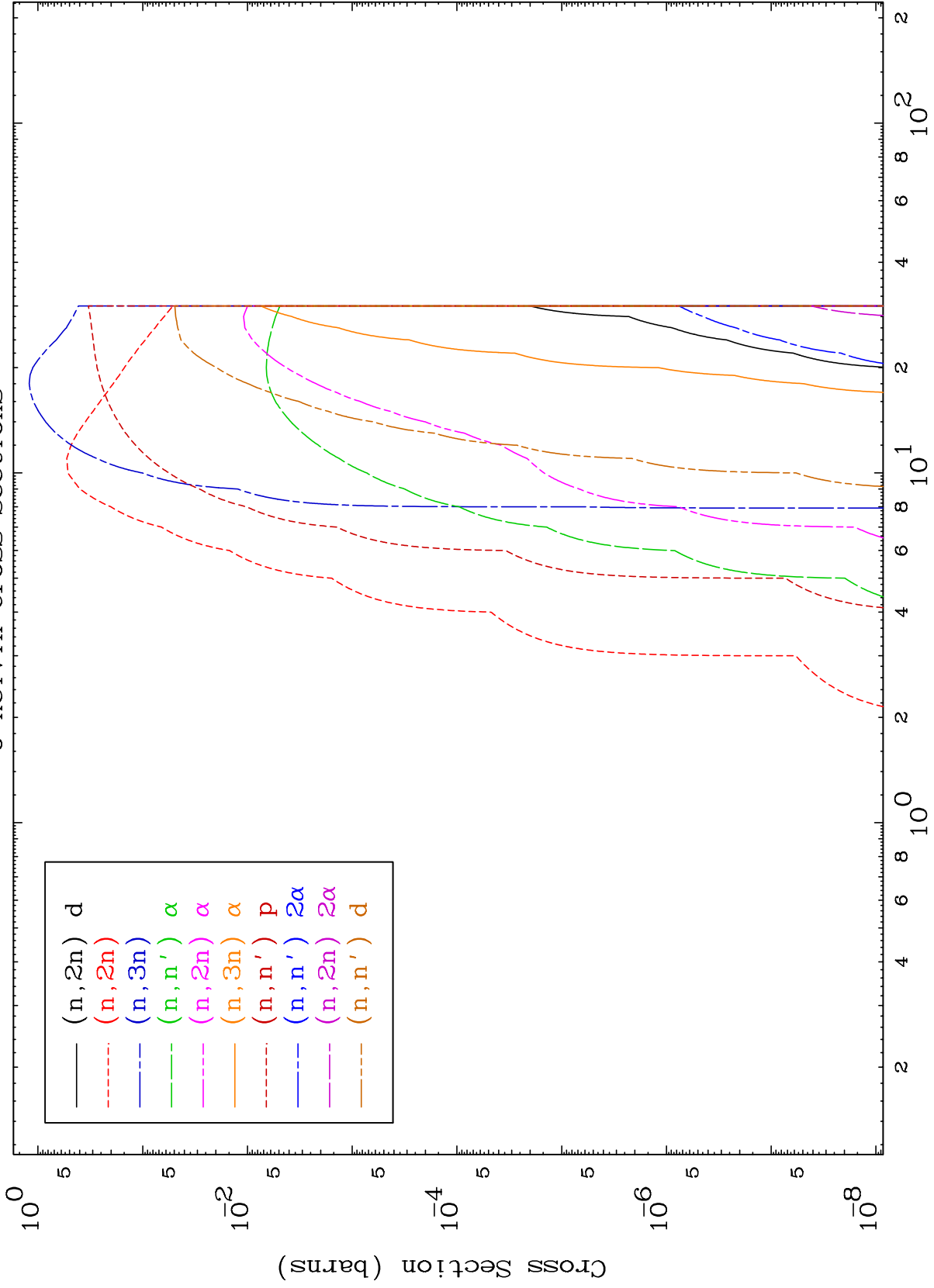
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

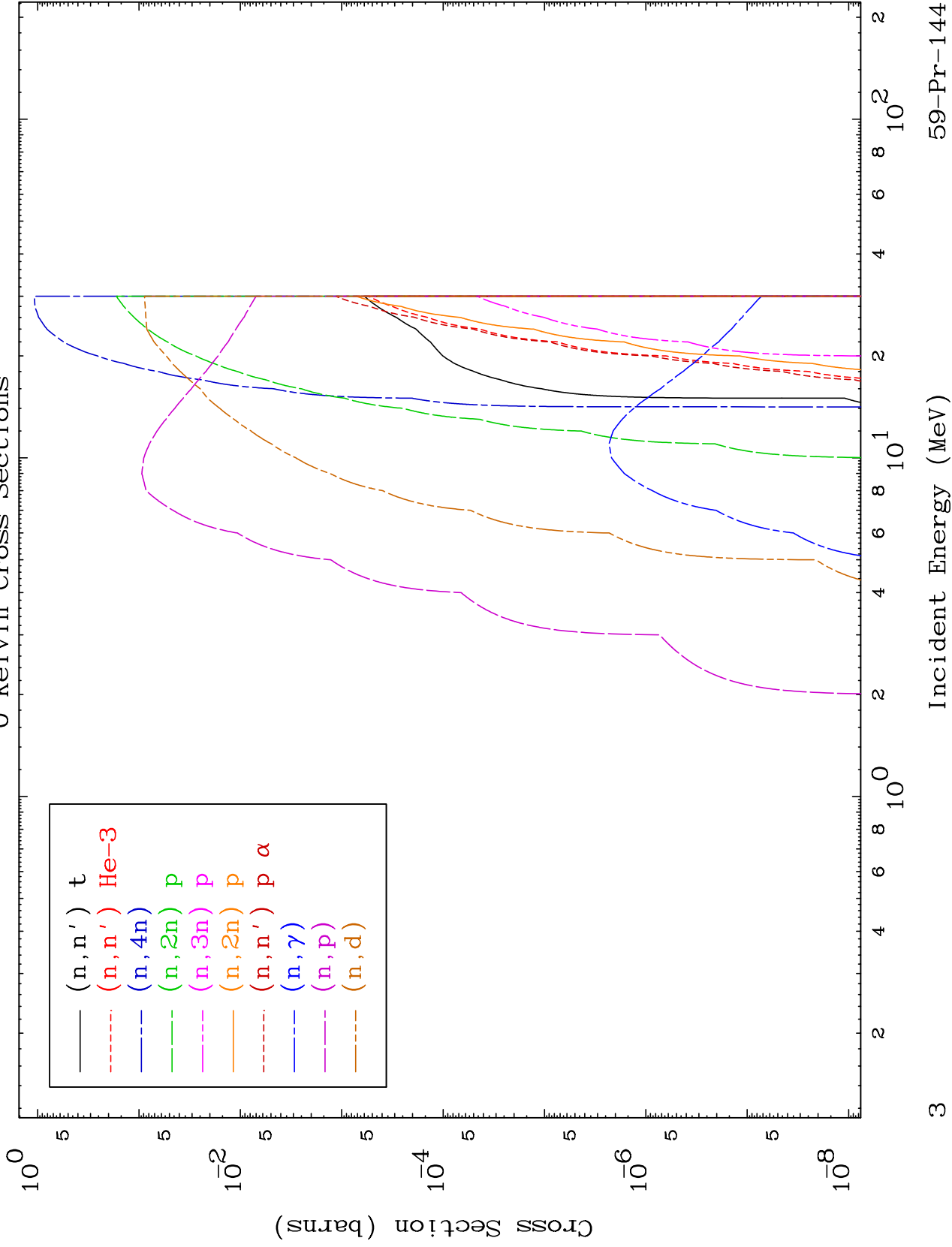


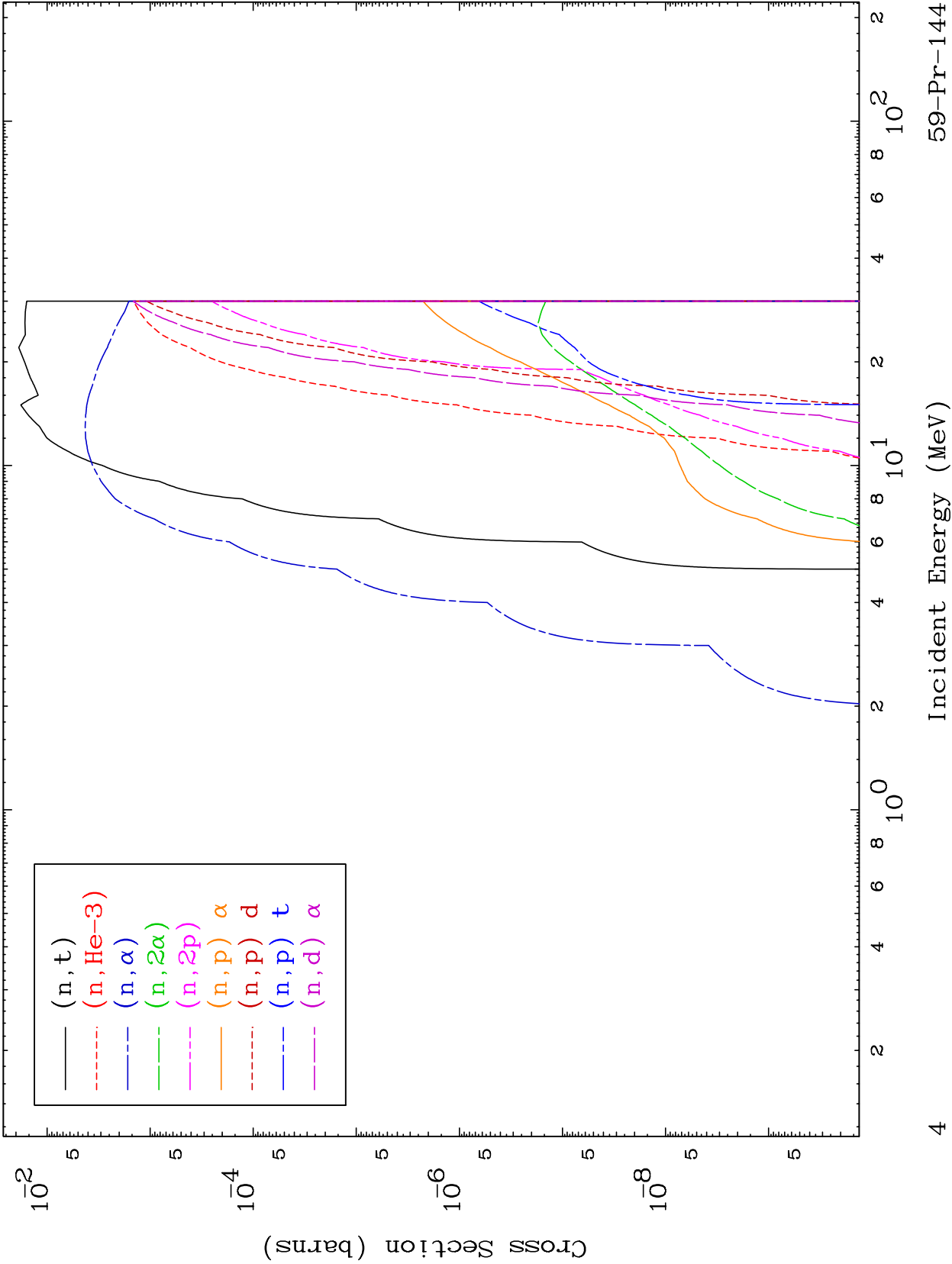


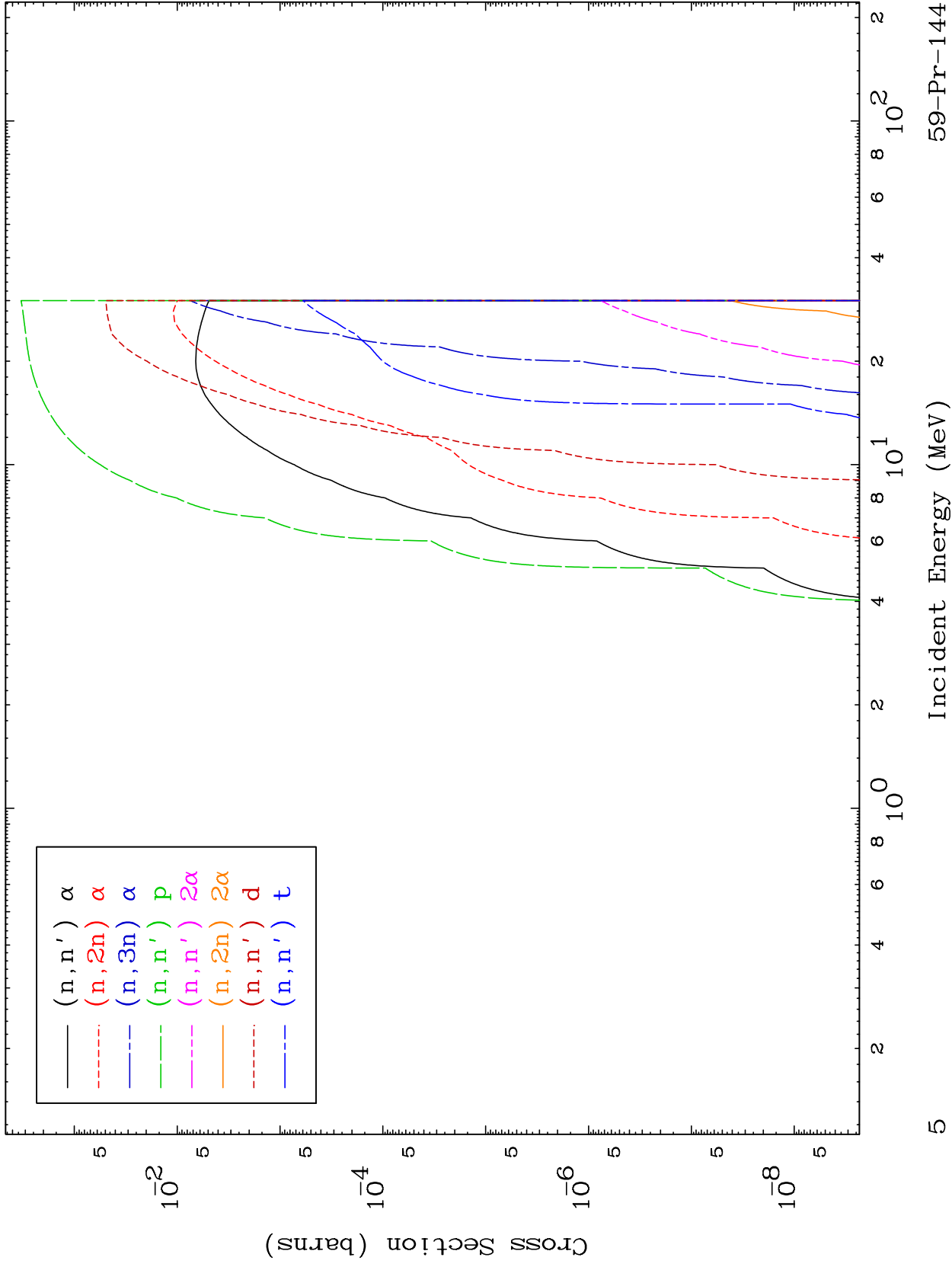
MAT 5934

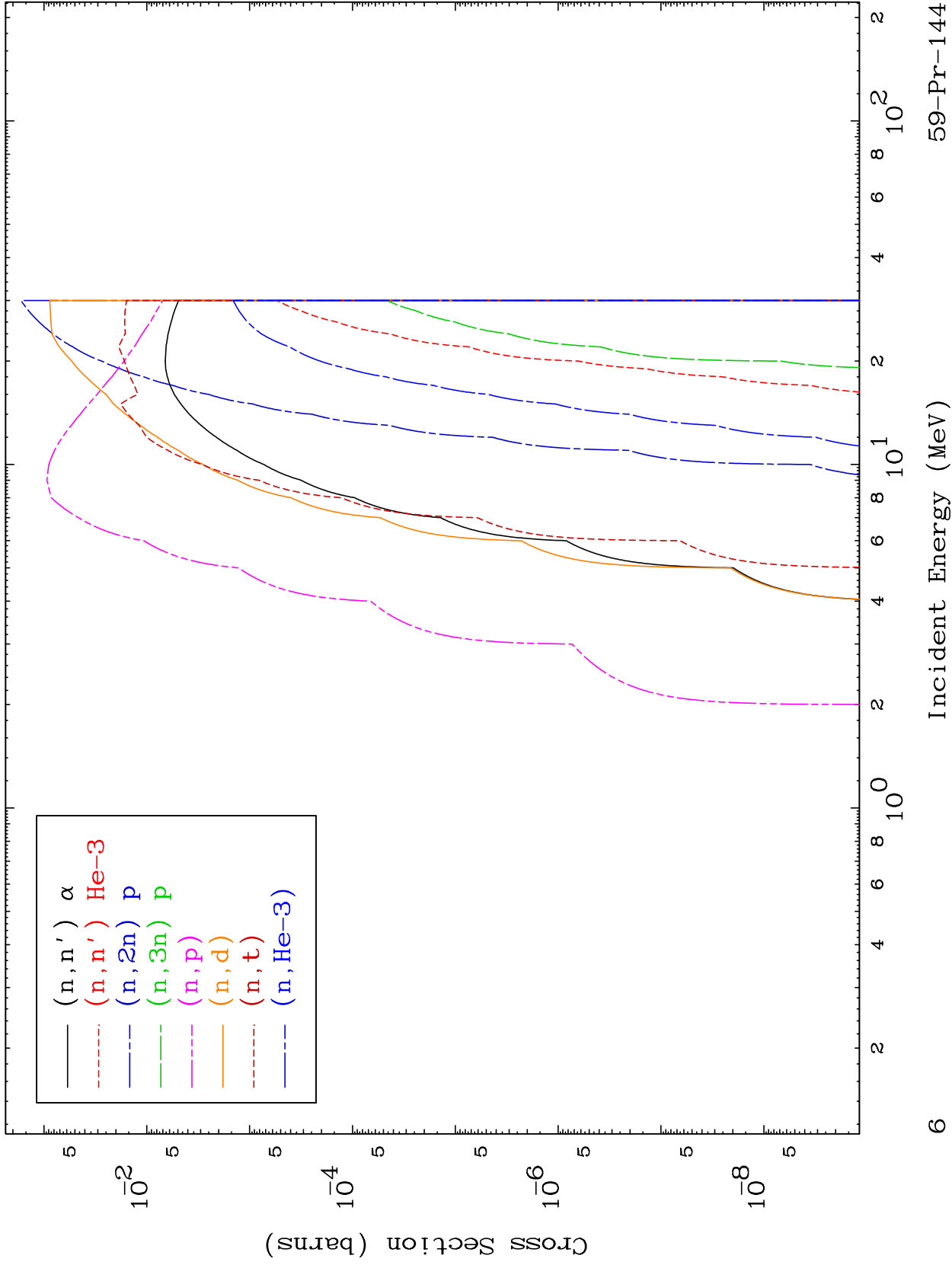
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

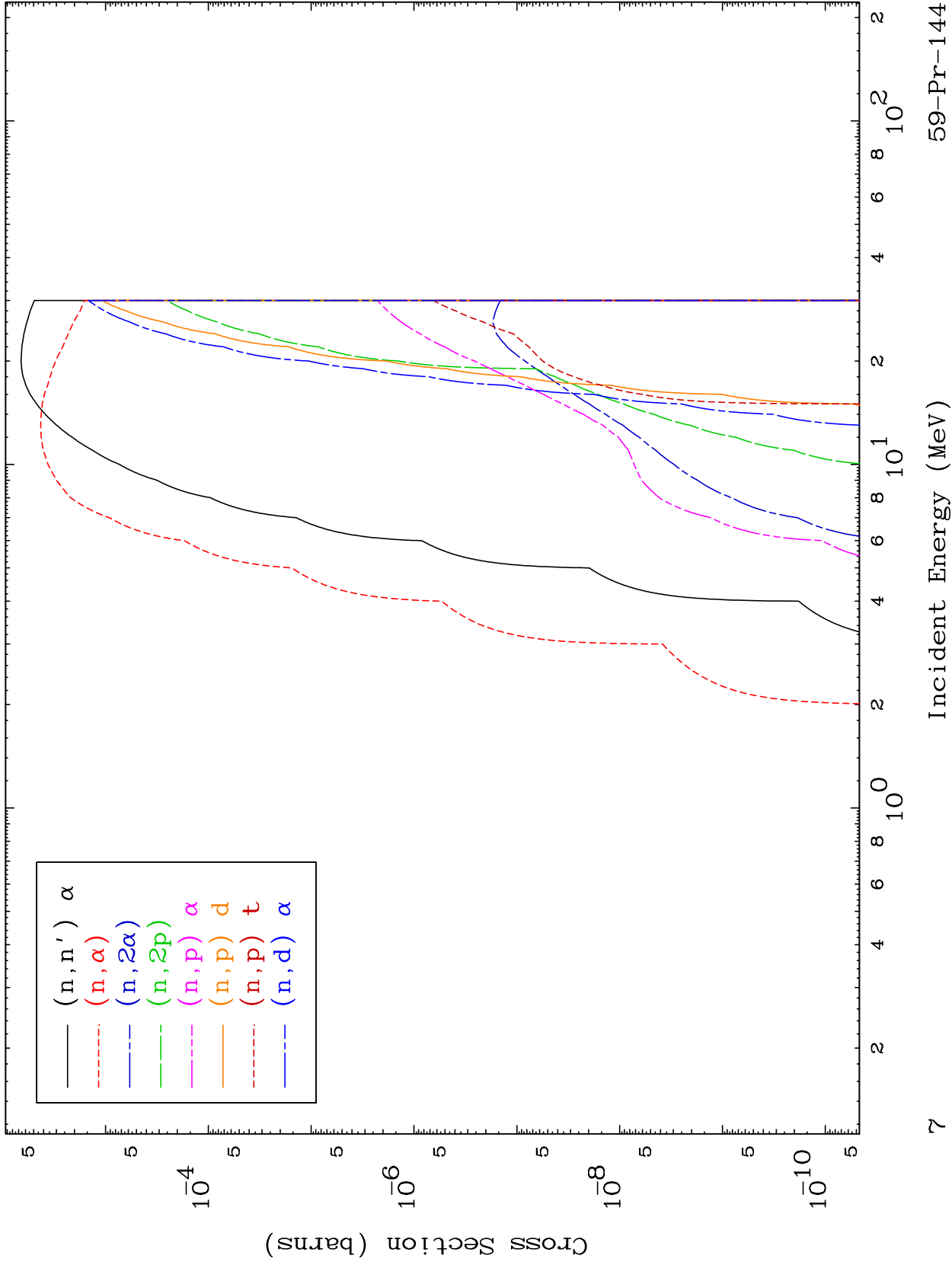
59-Pr-144







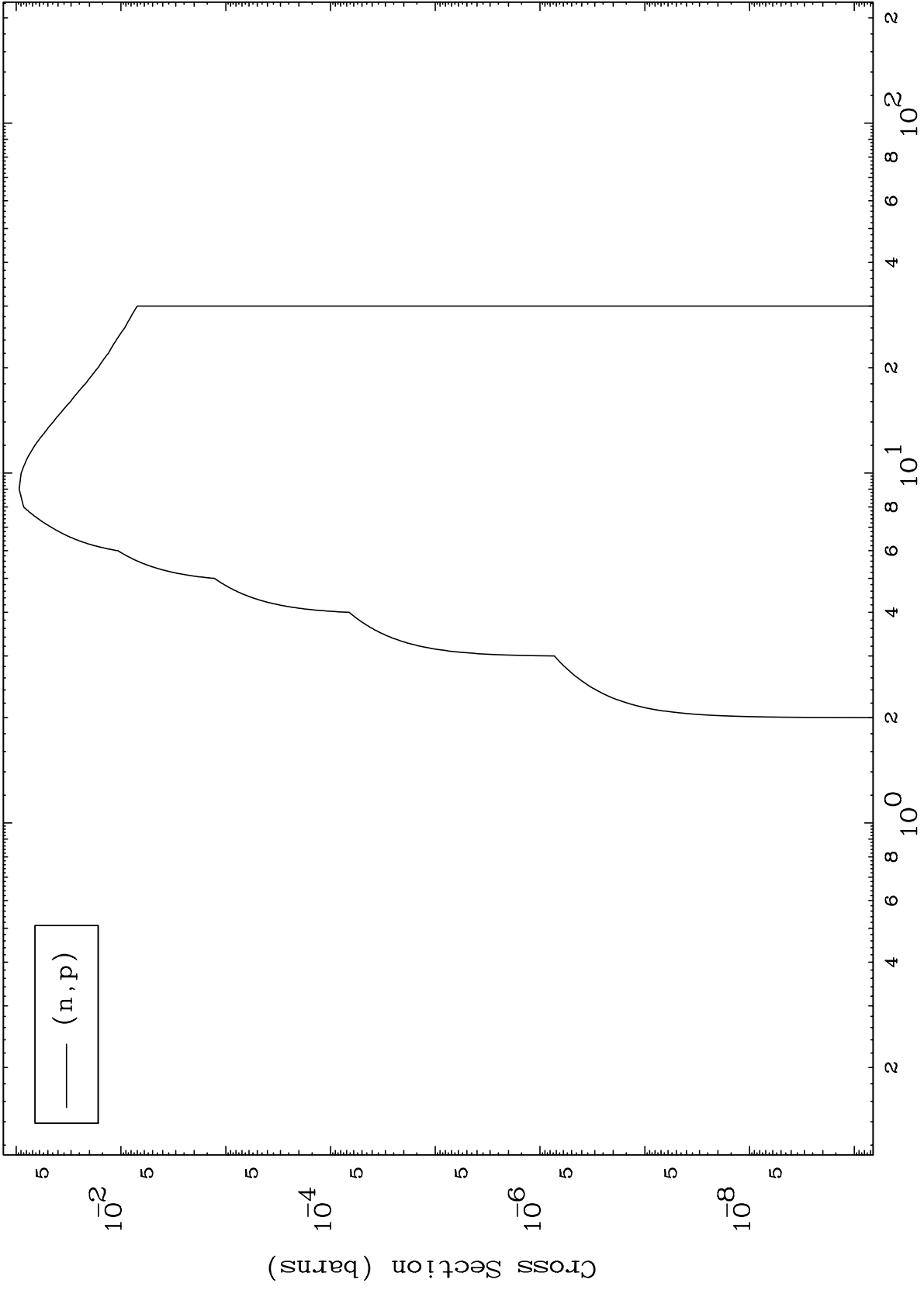




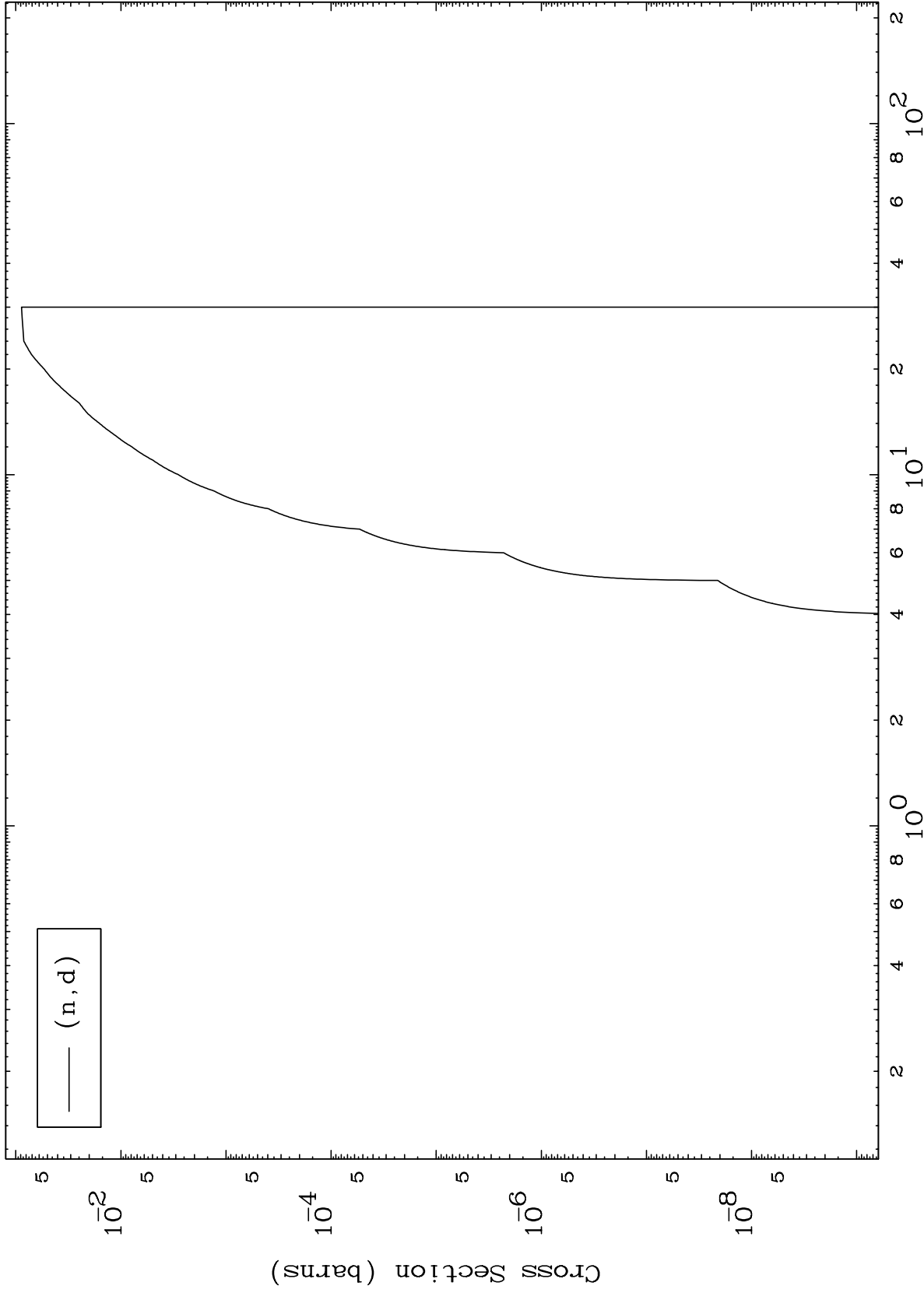
MAT 5934

59-Pr-144

(d,p) Levels  
0 Kelvin Cross Sections



0 Kelvin Cross Sections

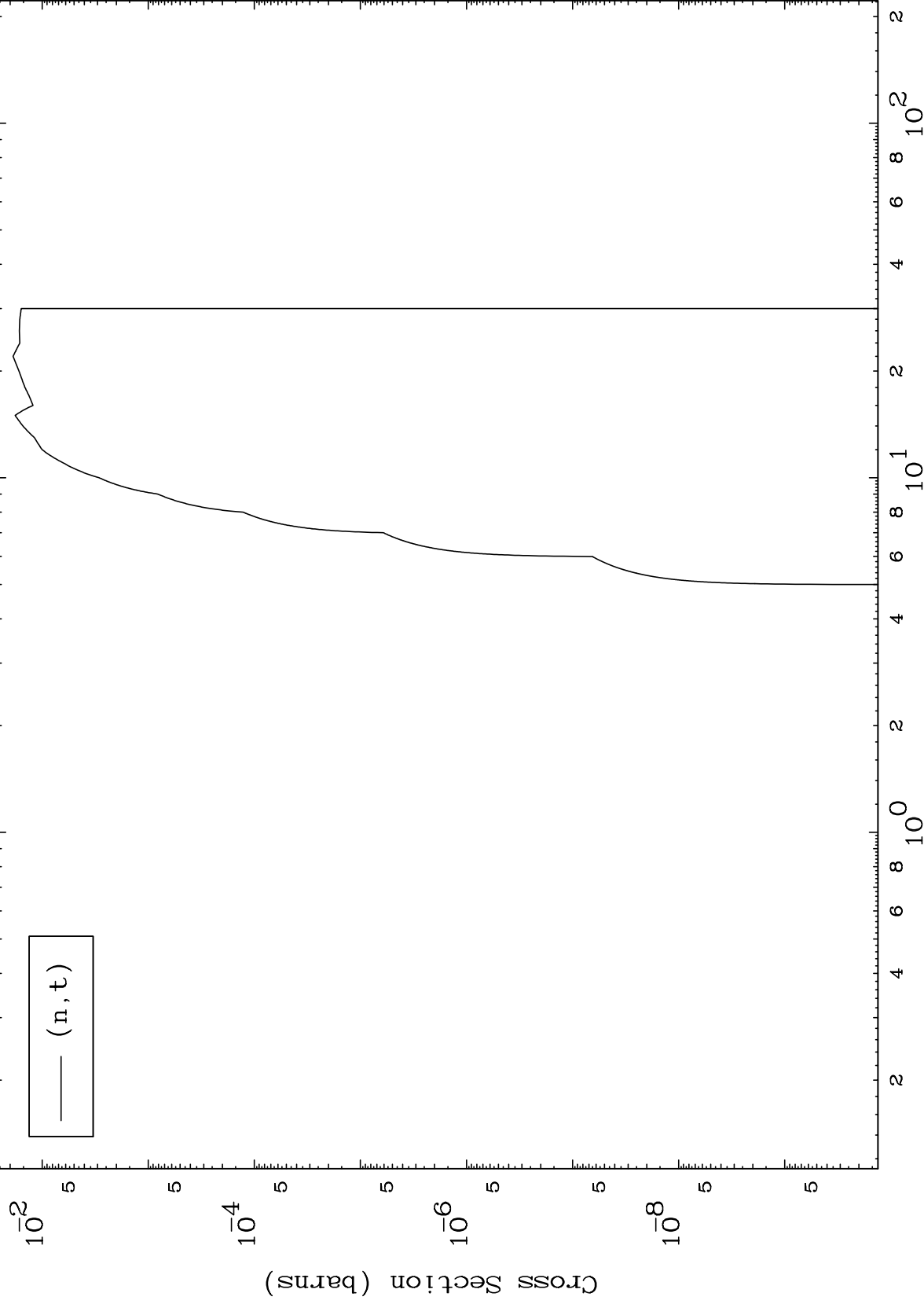


MAT 5934

(d, t) Levels

59-Pr-144

0 Kelvin Cross Sections



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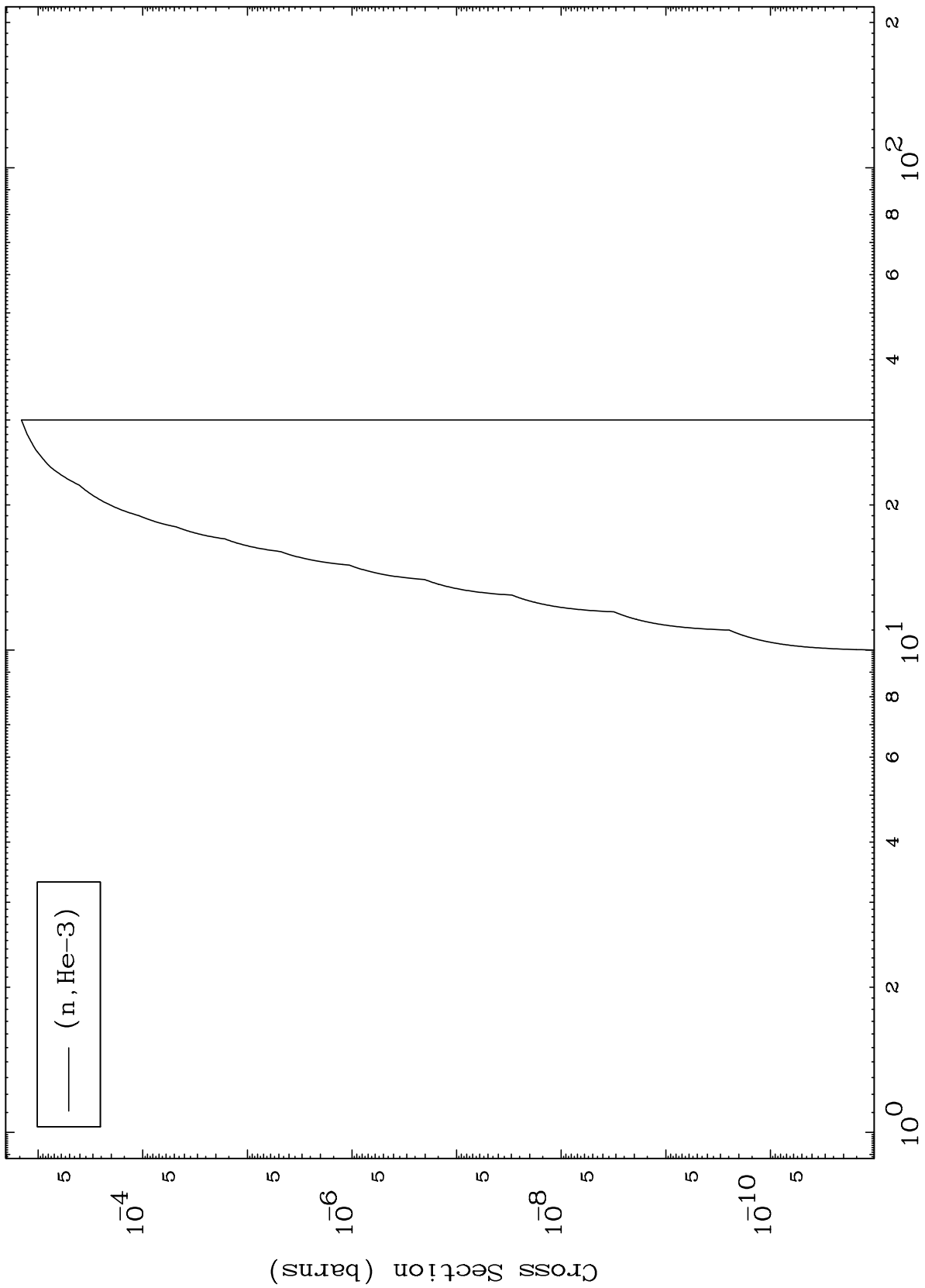
Incident Energy (MeV)

59-Pr-144

MAT 5934

59-Pr-144

(d,He3) Levels  
0 Kelvin Cross Sections

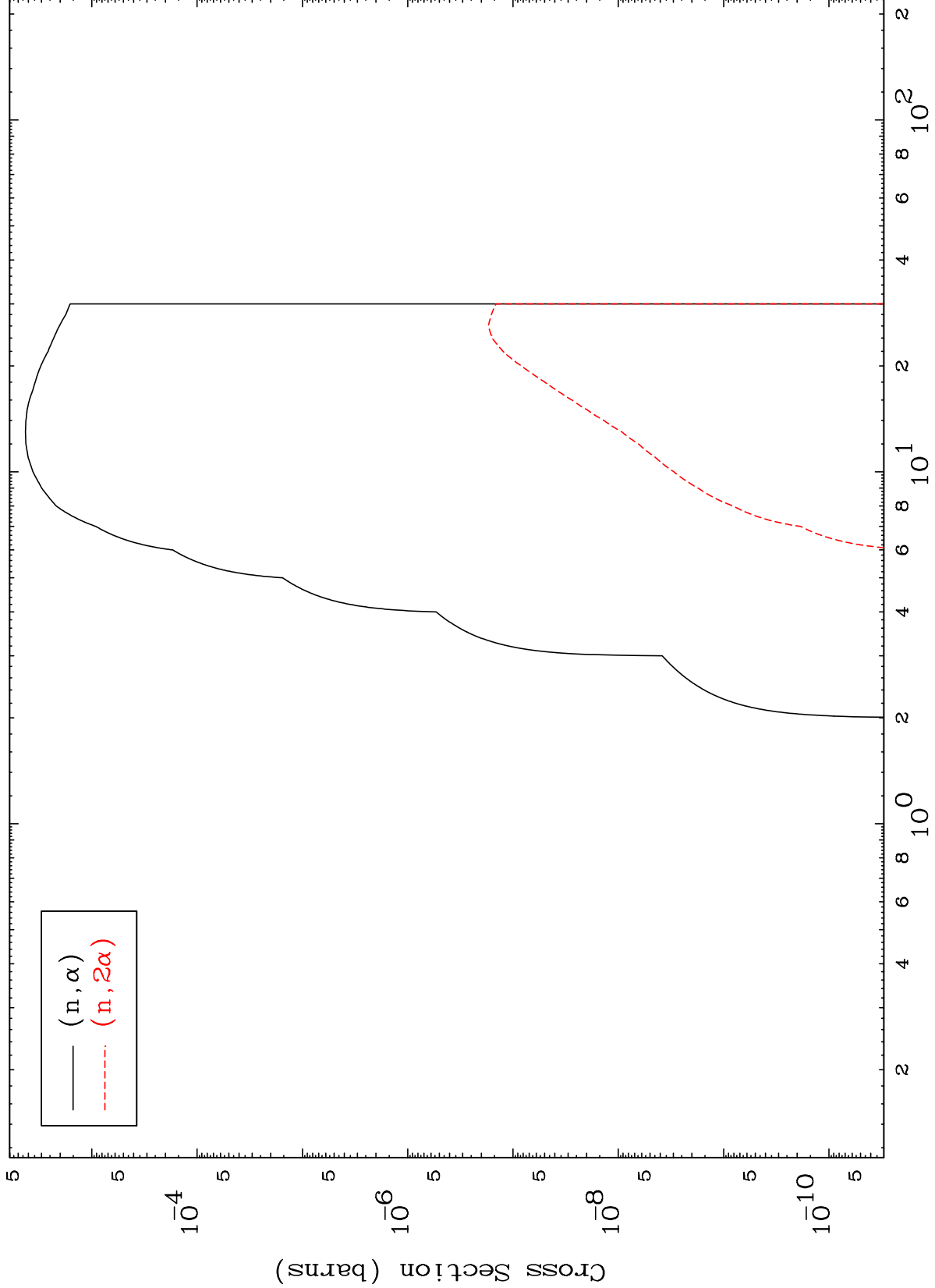


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Incident Energy (MeV)

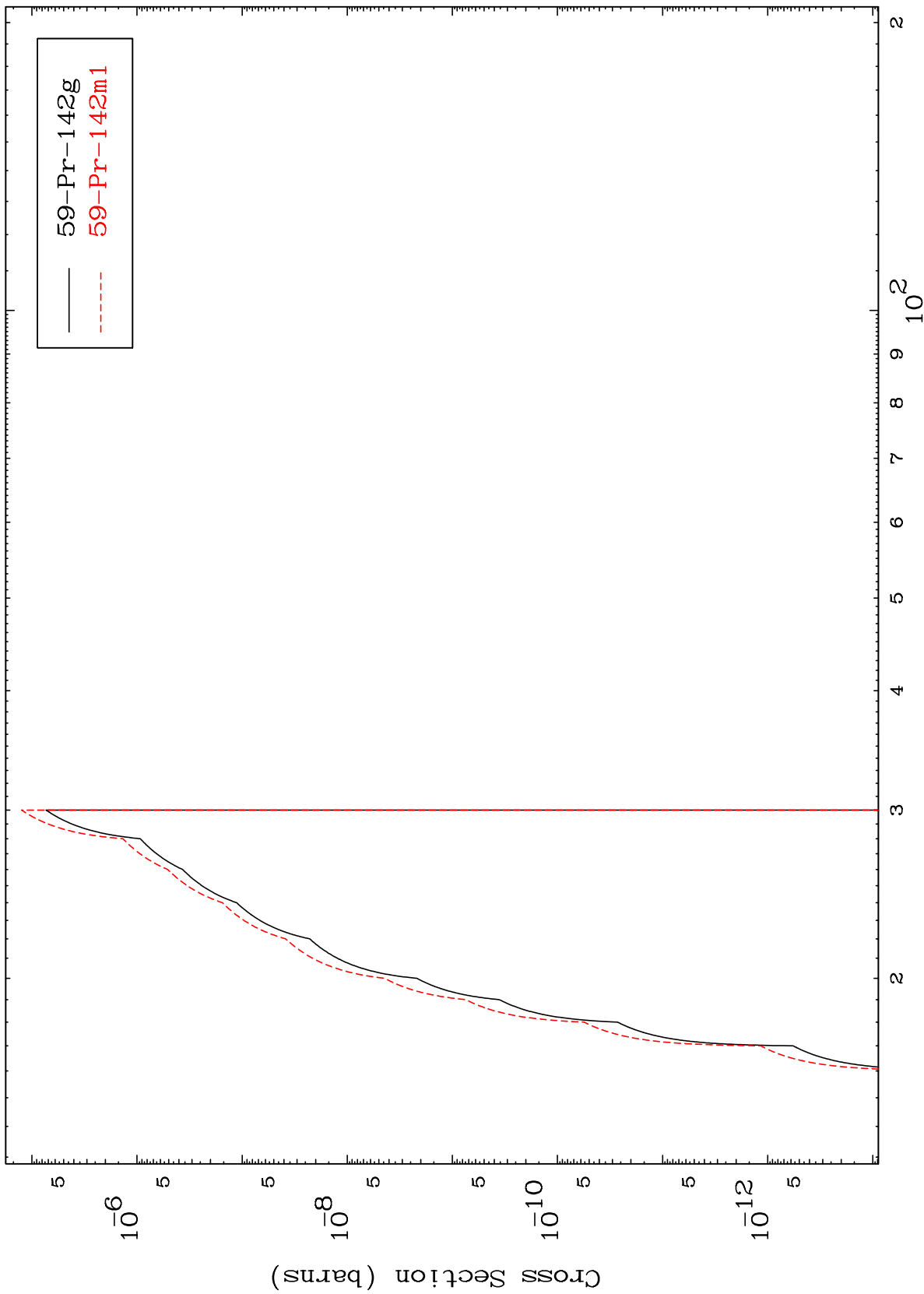
59-Pr-144

0 Kelvin Cross Sections



—  $(n, \alpha)$   
- - -  $(n, 2\alpha)$

Radionuclide Production Cross Section



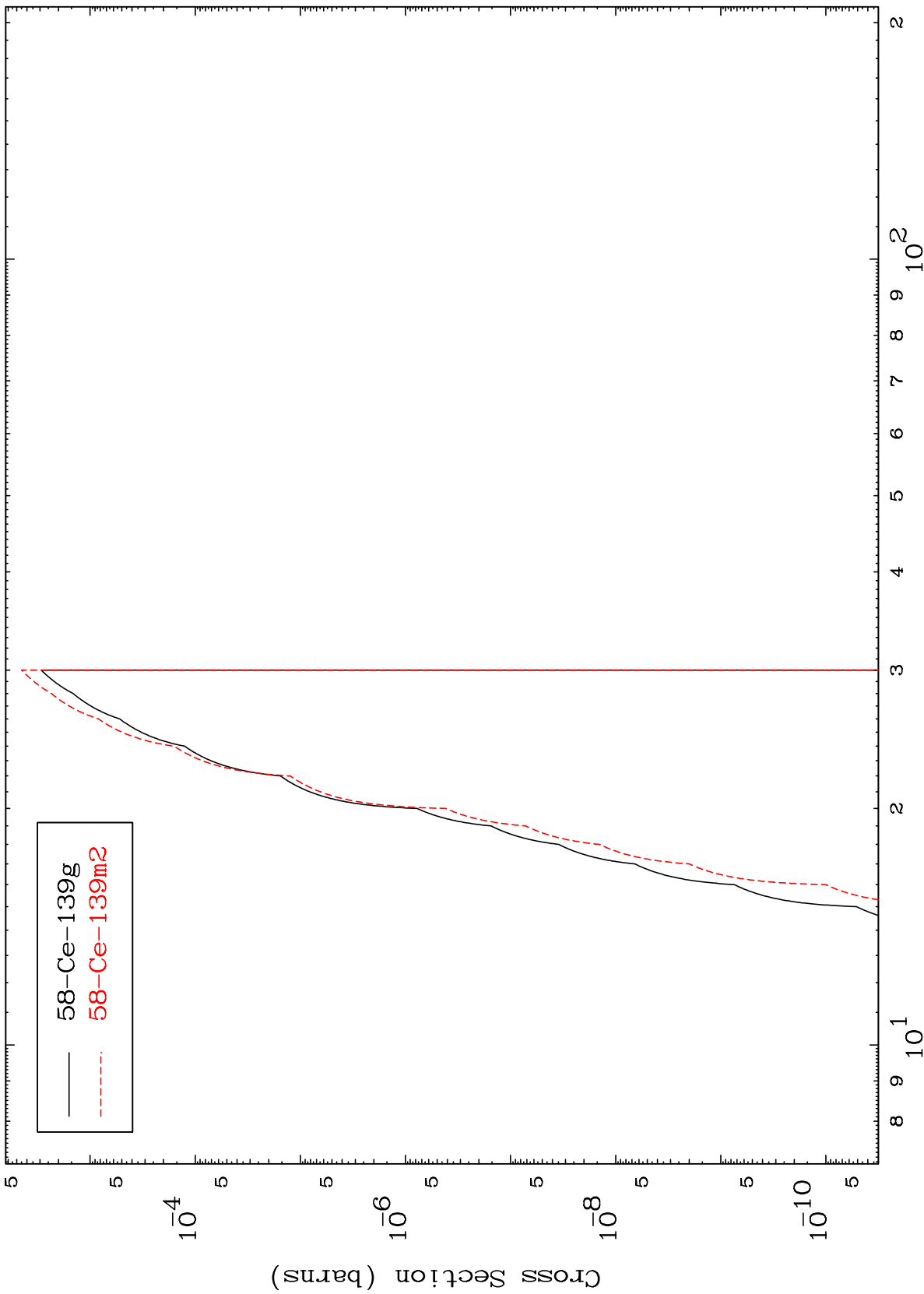
59-Pr-142g  
59-Pr-142m1

MAT 5934

(n,3n)  $\alpha$

59-Pr-144

Radionuclide Production Cross Section



14

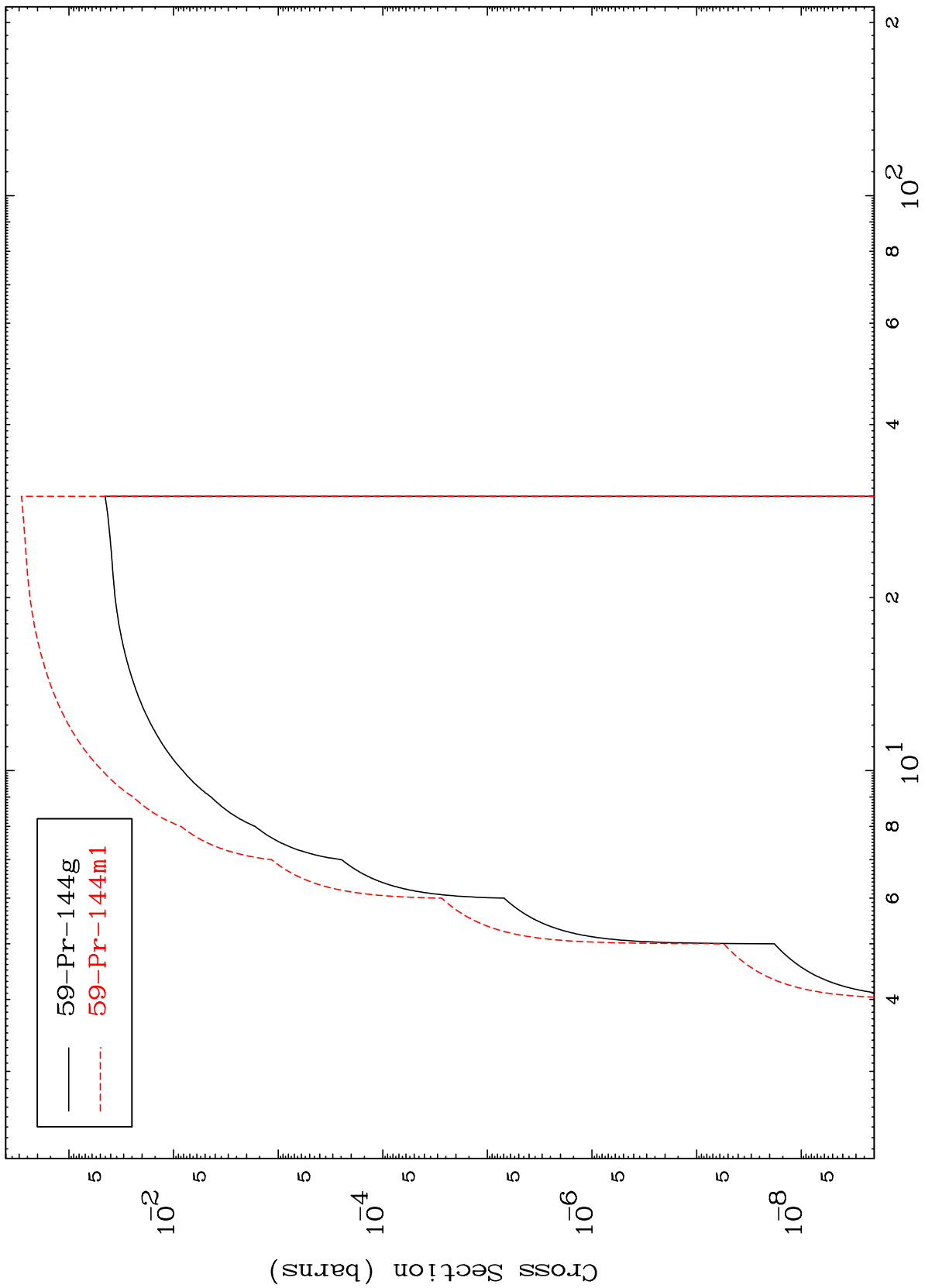
Incident Energy (MeV)

59-Pr-144

MAT 5934

59-Pr-144

(n,n') p  
Radionuclide Production Cross Section



15

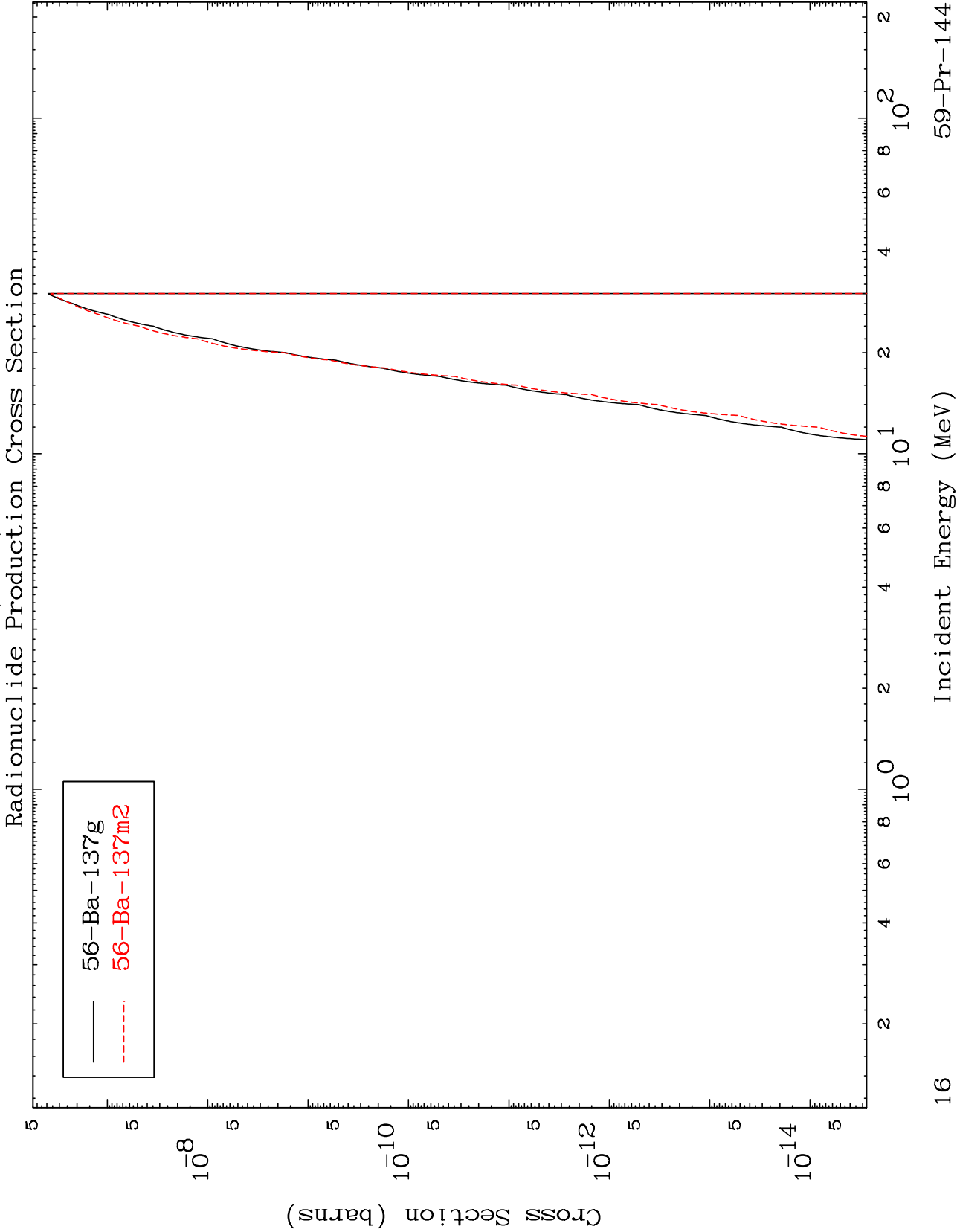
59-Pr-144

Incident Energy (MeV)

MAT 5934

(n,n') 2 $\alpha$

59-Pr-144



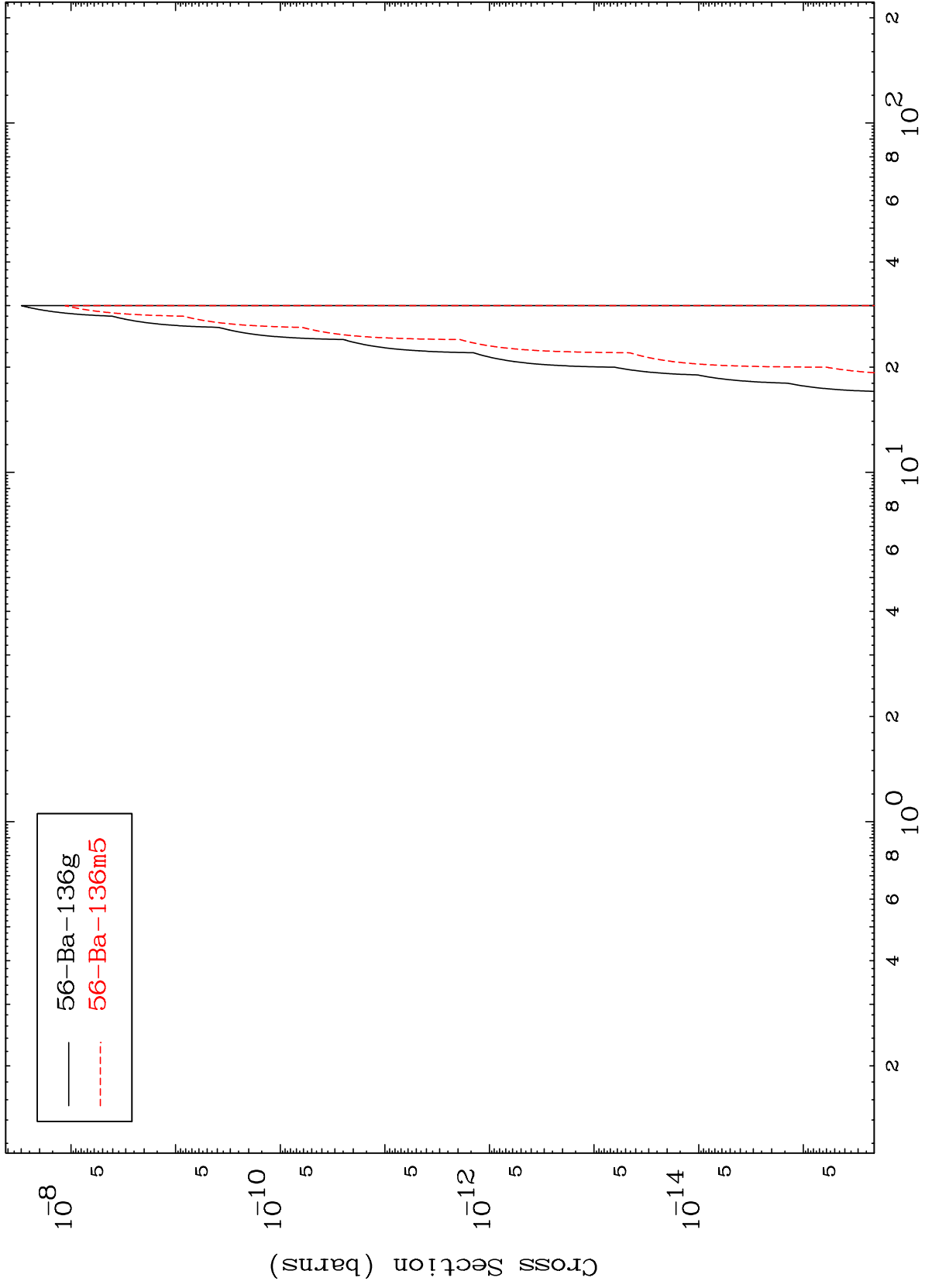
56-Ba-137g  
56-Ba-137m2

MAT 5934

(n,2n) 2 $\alpha$

59-Pr-144

Radionuclide Production Cross Section

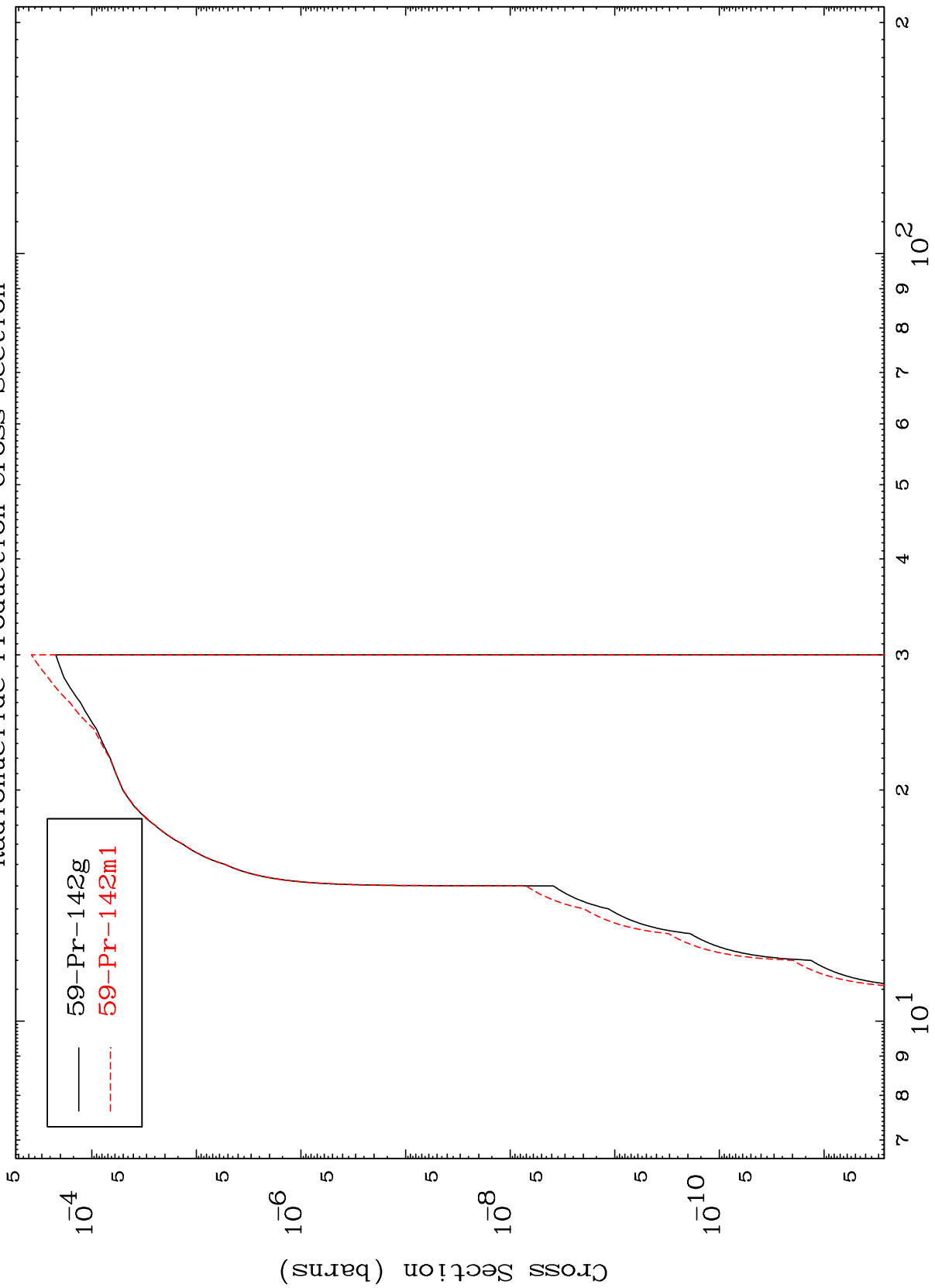


MAT 5934

(n,n') t

59-Pr-144

Radionuclide Production Cross Section



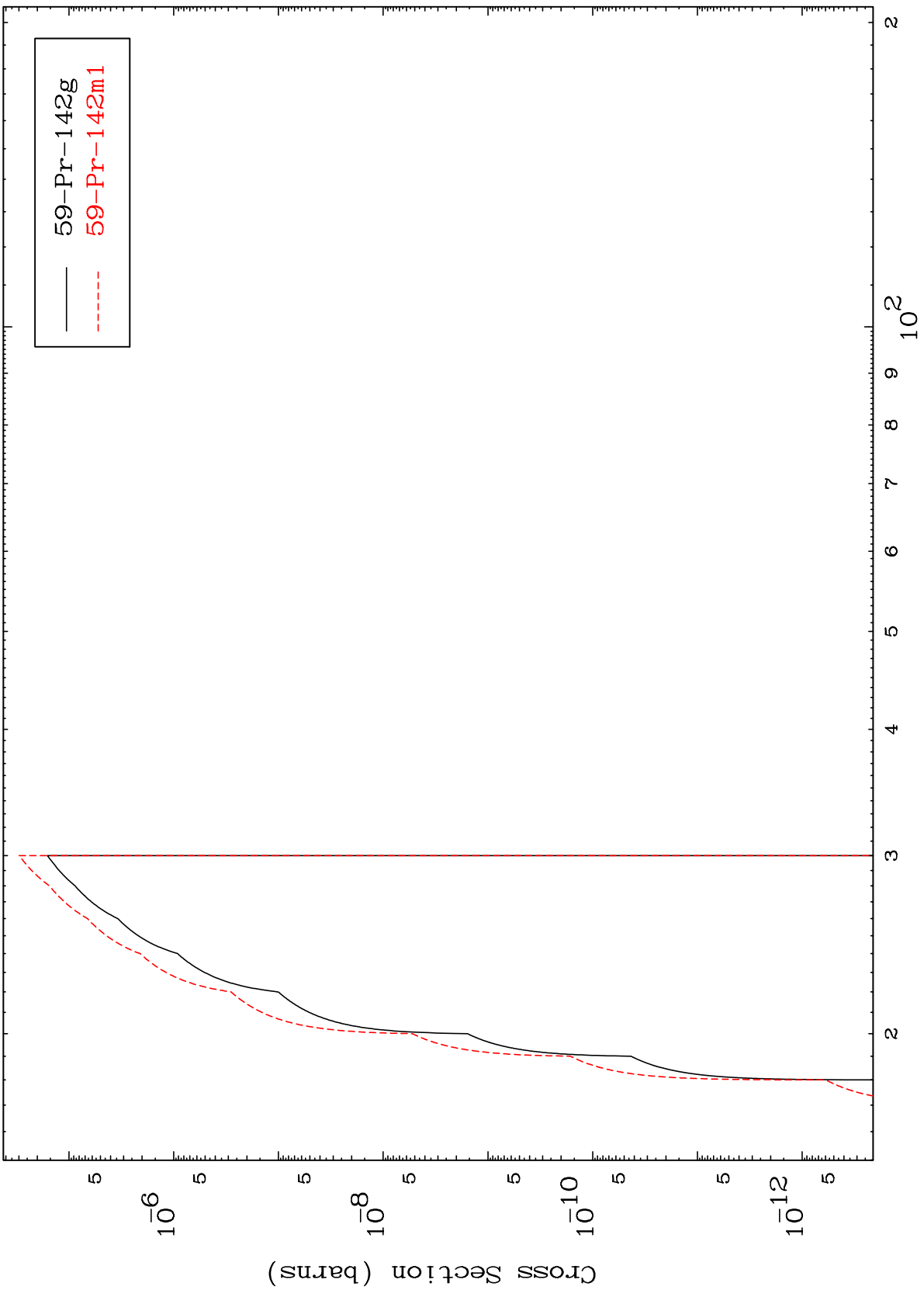
59-Pr-142g  
59-Pr-142m1

18

Incident Energy (MeV)

59-Pr-144

Radionuclide Production Cross Section

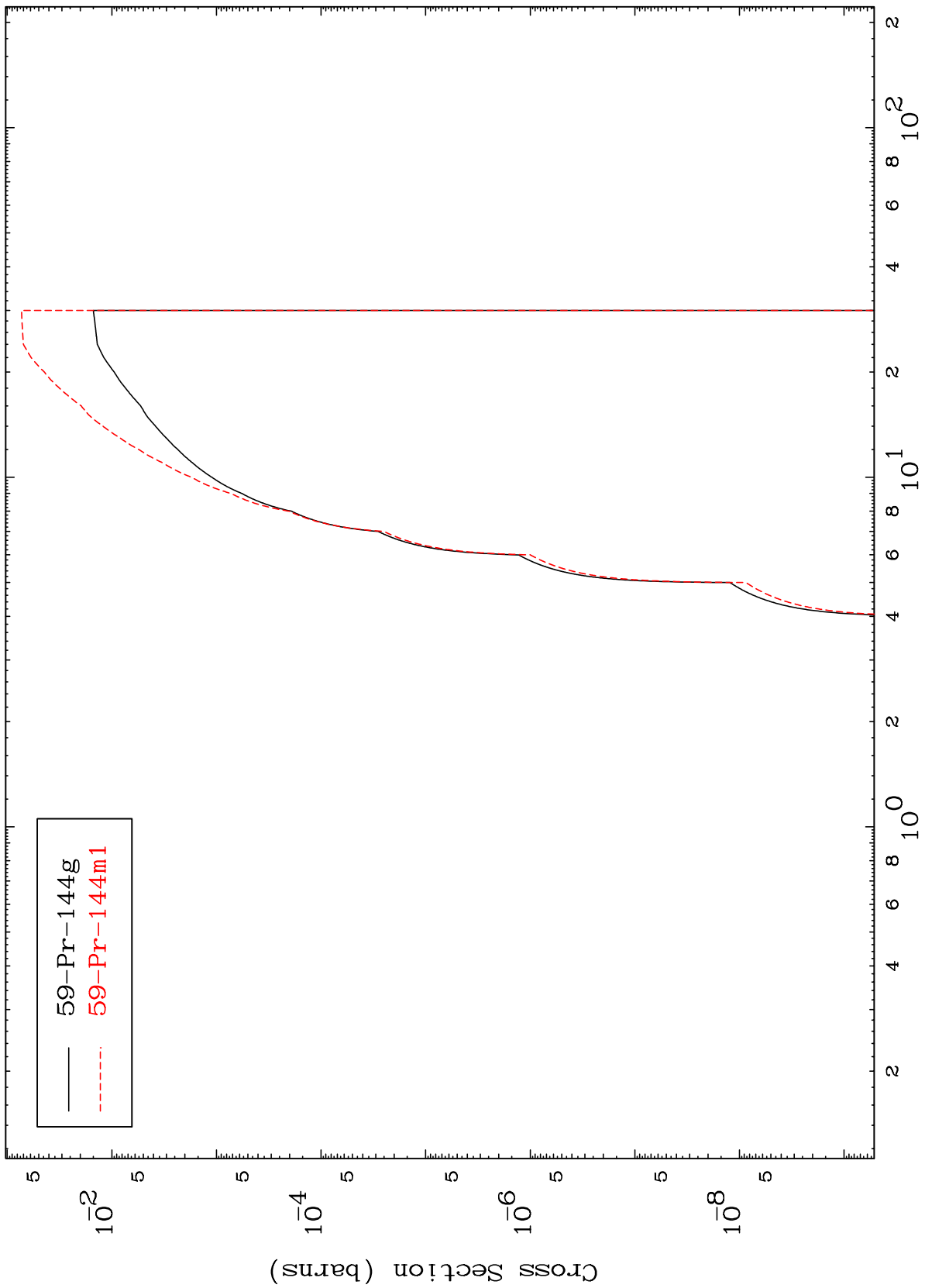


MAT 5934

(n,d)

59-Pr-144

Radionuclide Production Cross Section



59-Pr-144g  
59-Pr-144m1

20

Incident Energy (MeV)

59-Pr-144