

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

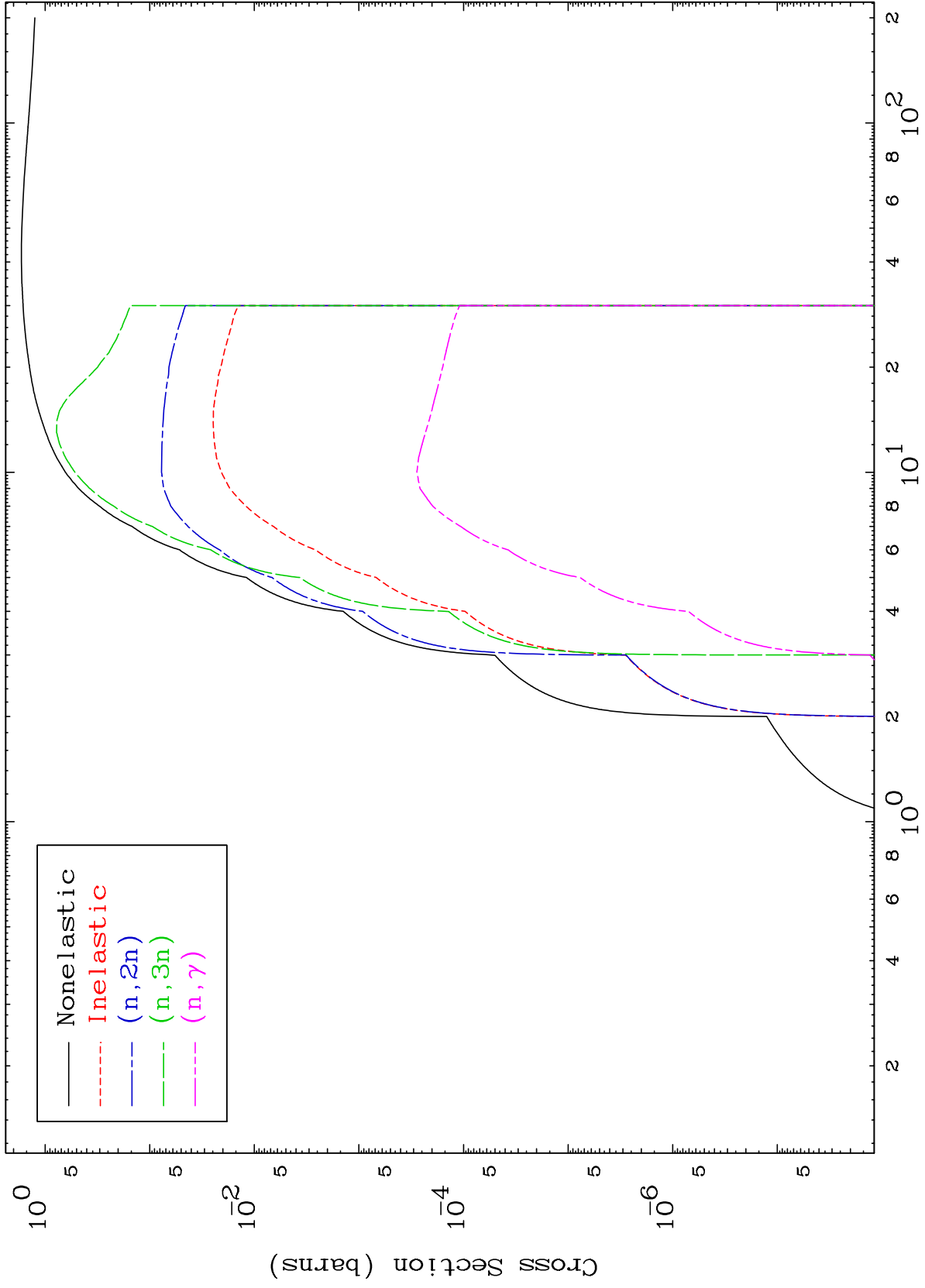
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1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

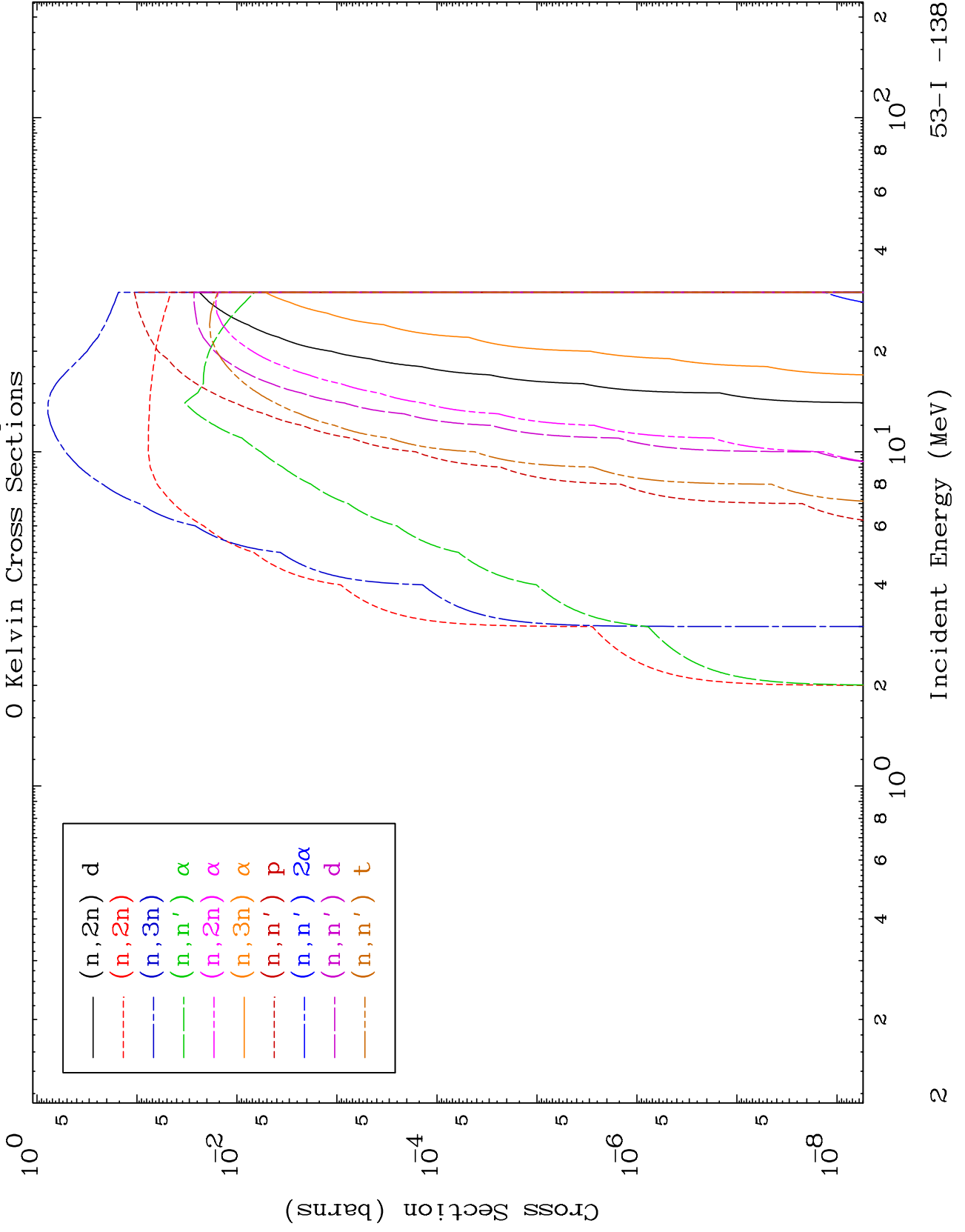
Tele: 925-443-1911

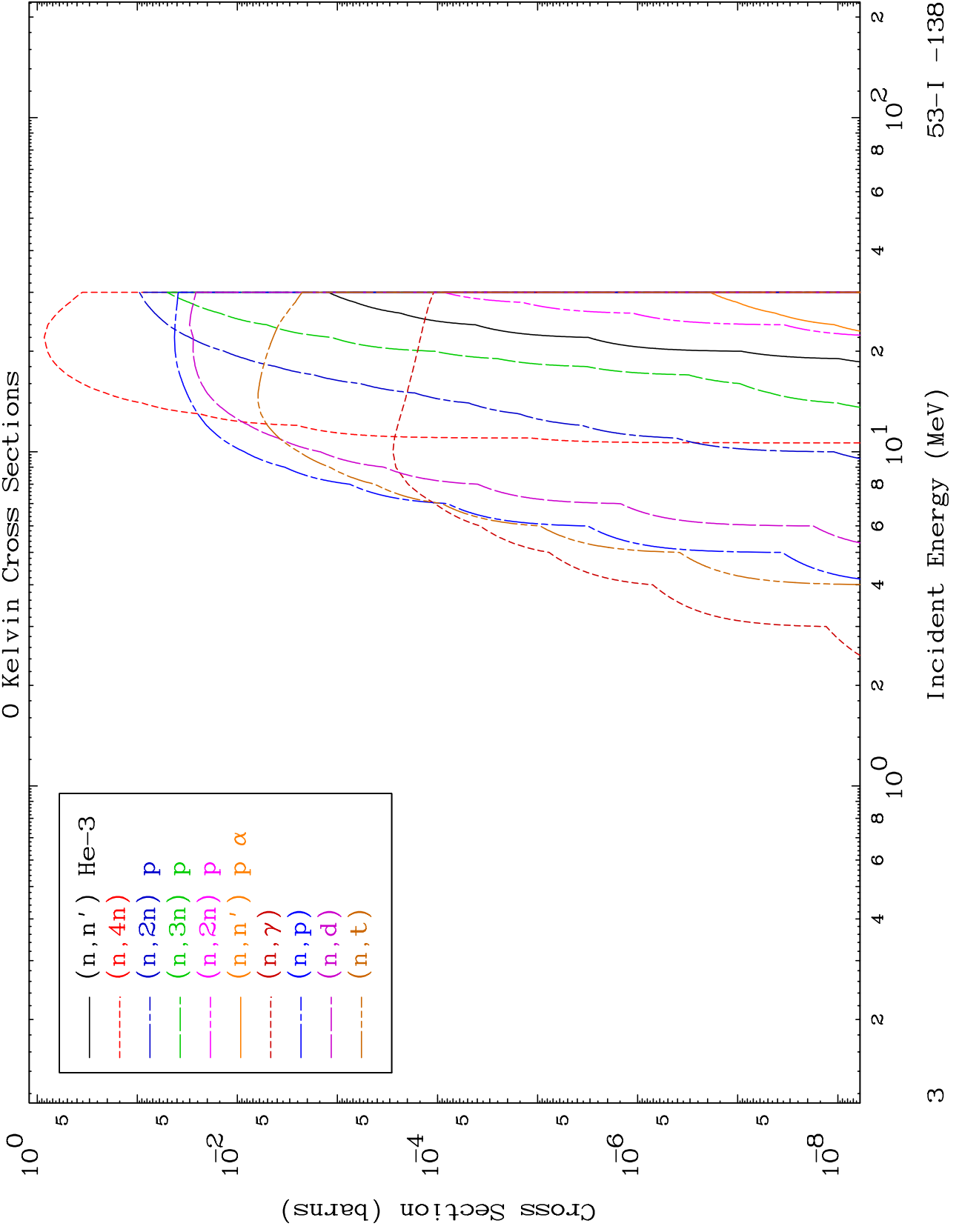
E.Mail:redcullen1@comcast.net

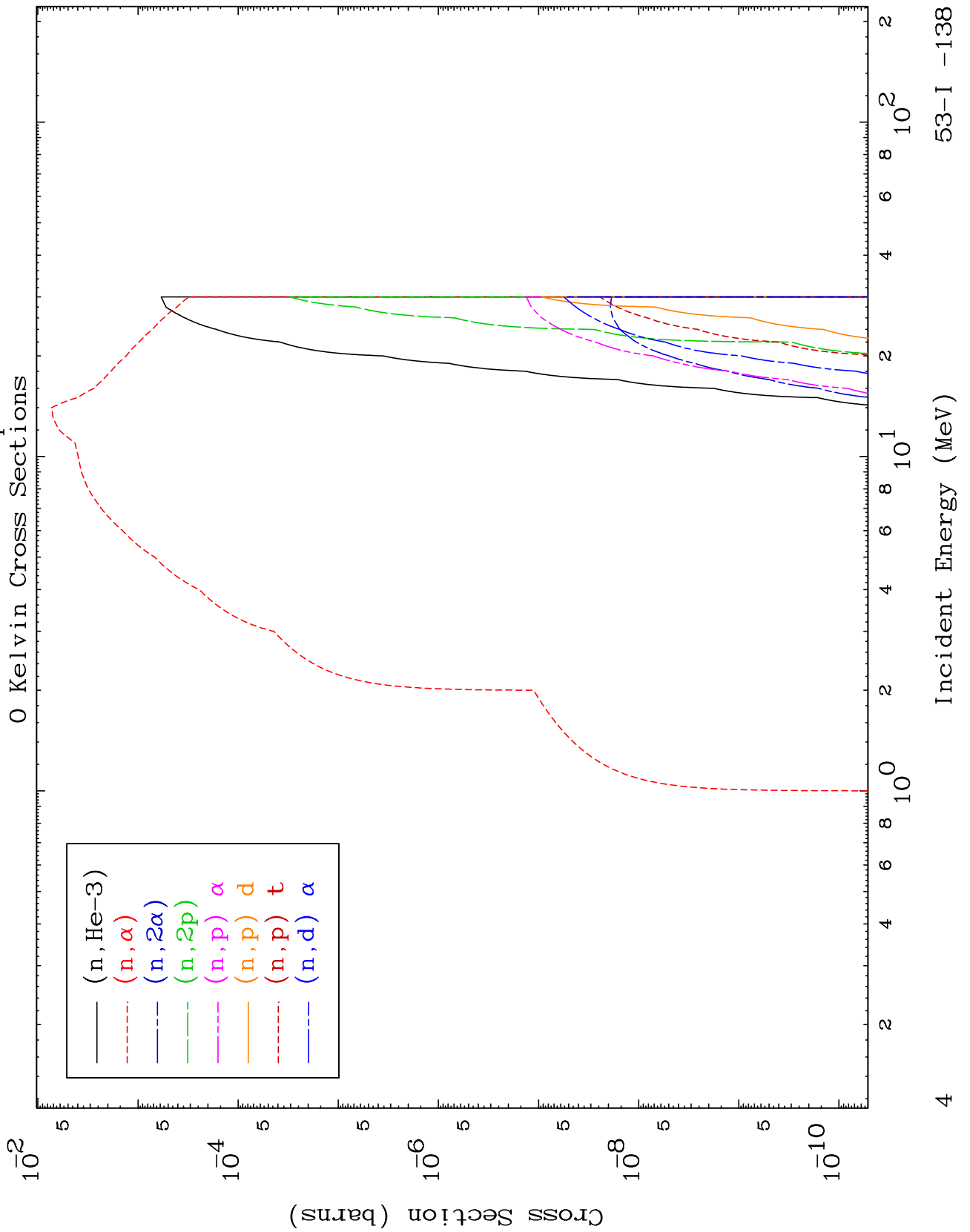
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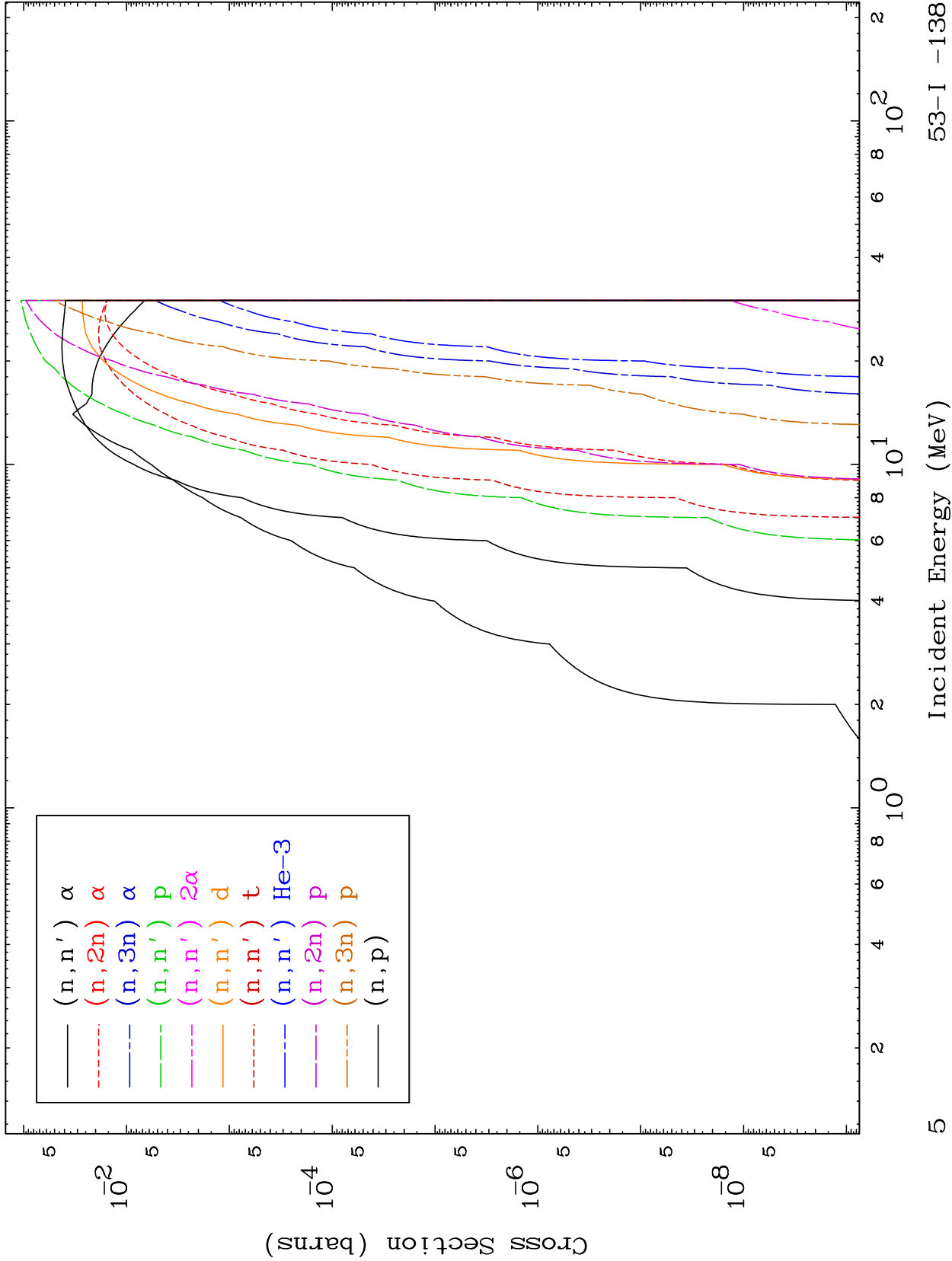
Press Mouse Button to Start

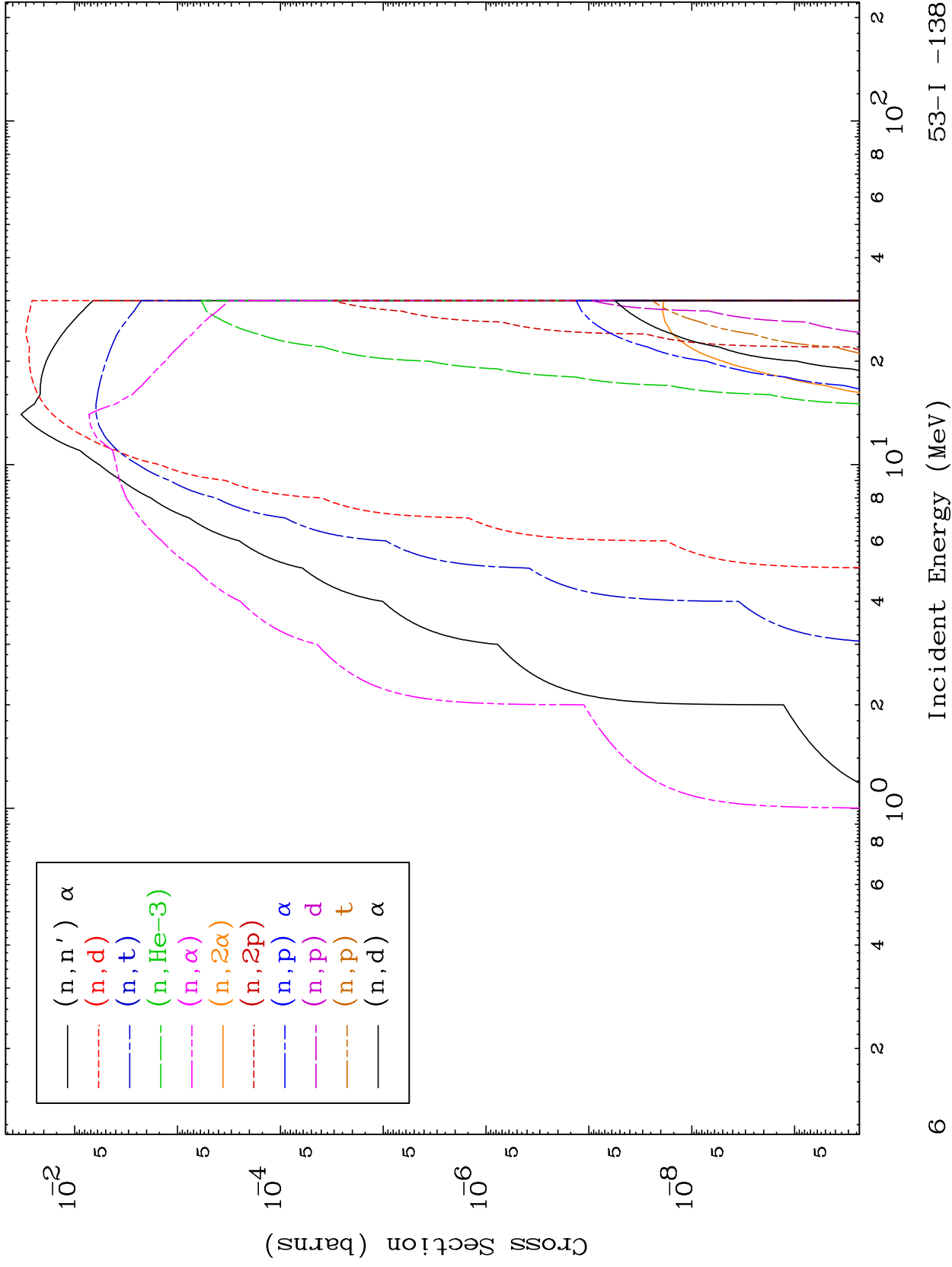








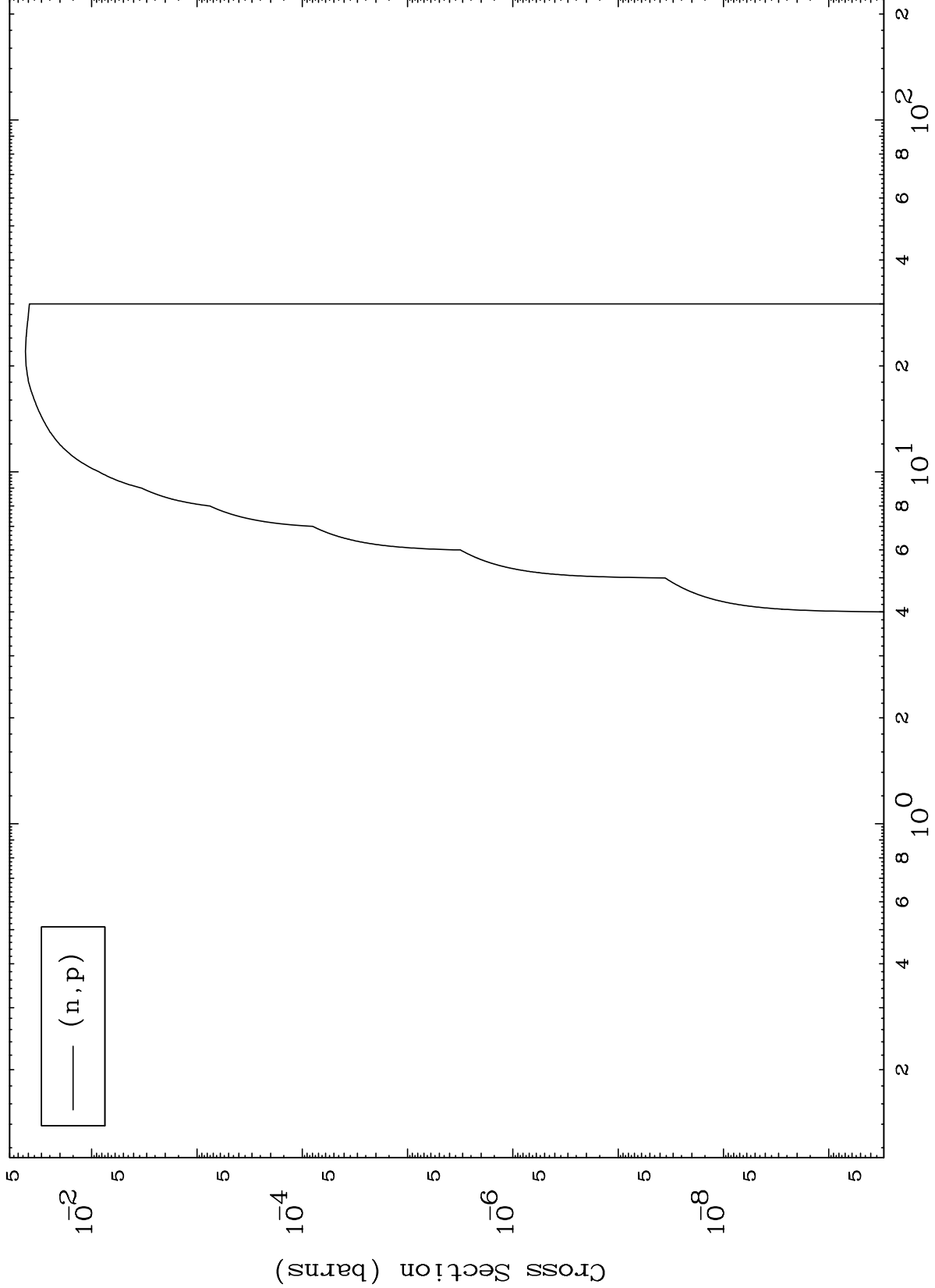




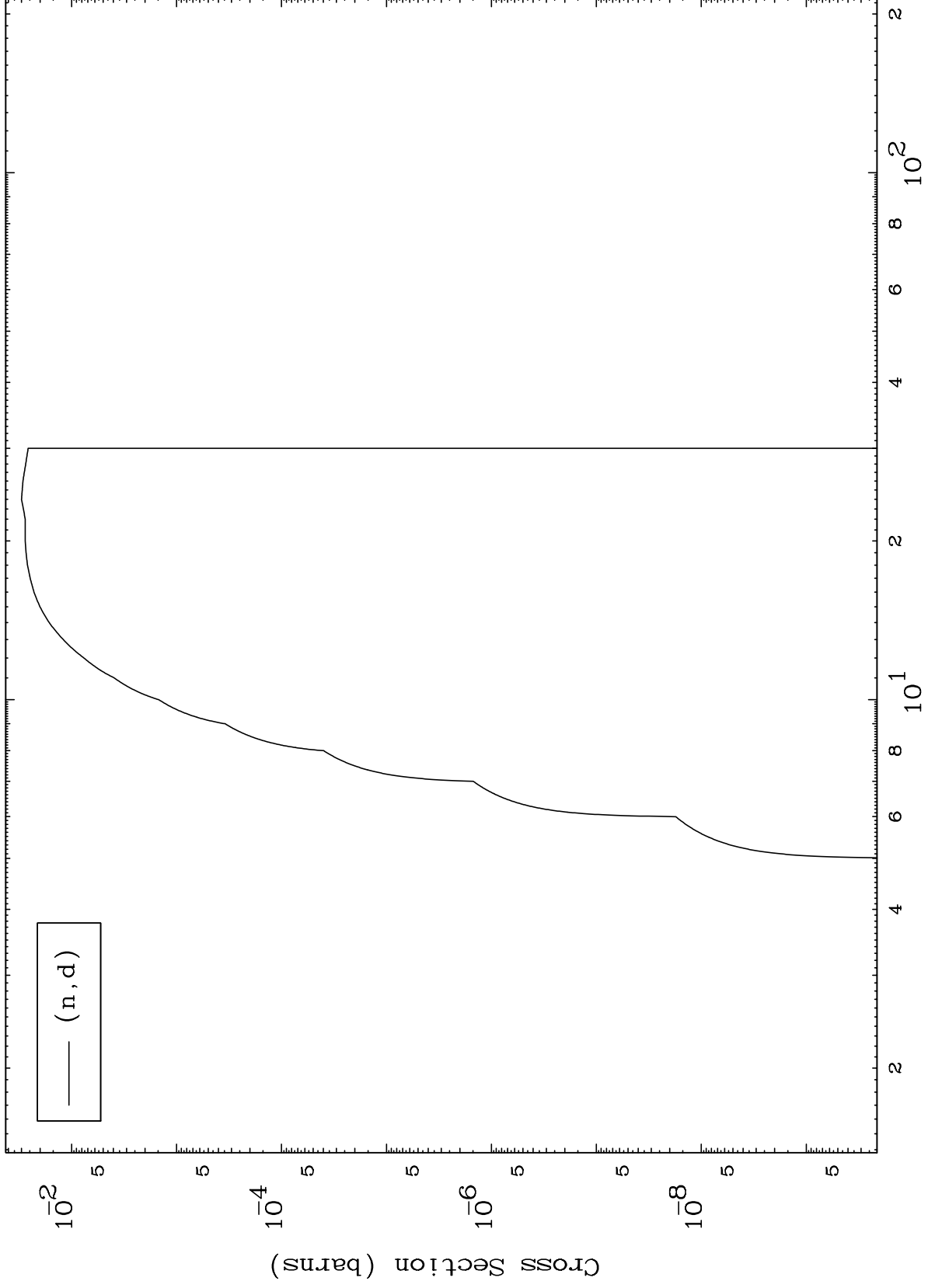
MAT 5358

(p,p) Levels  
0 Kelvin Cross Sections

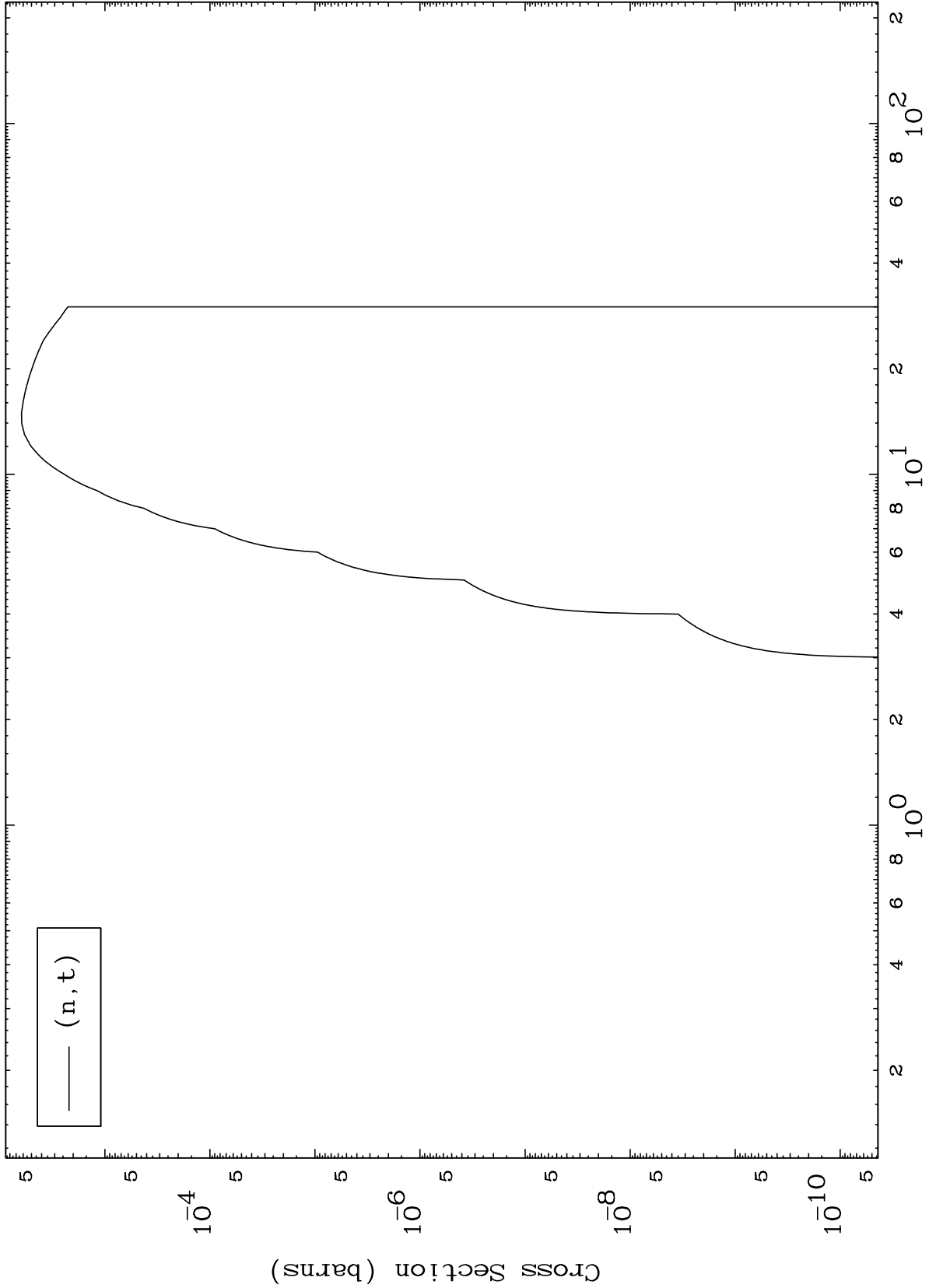
53-I -138







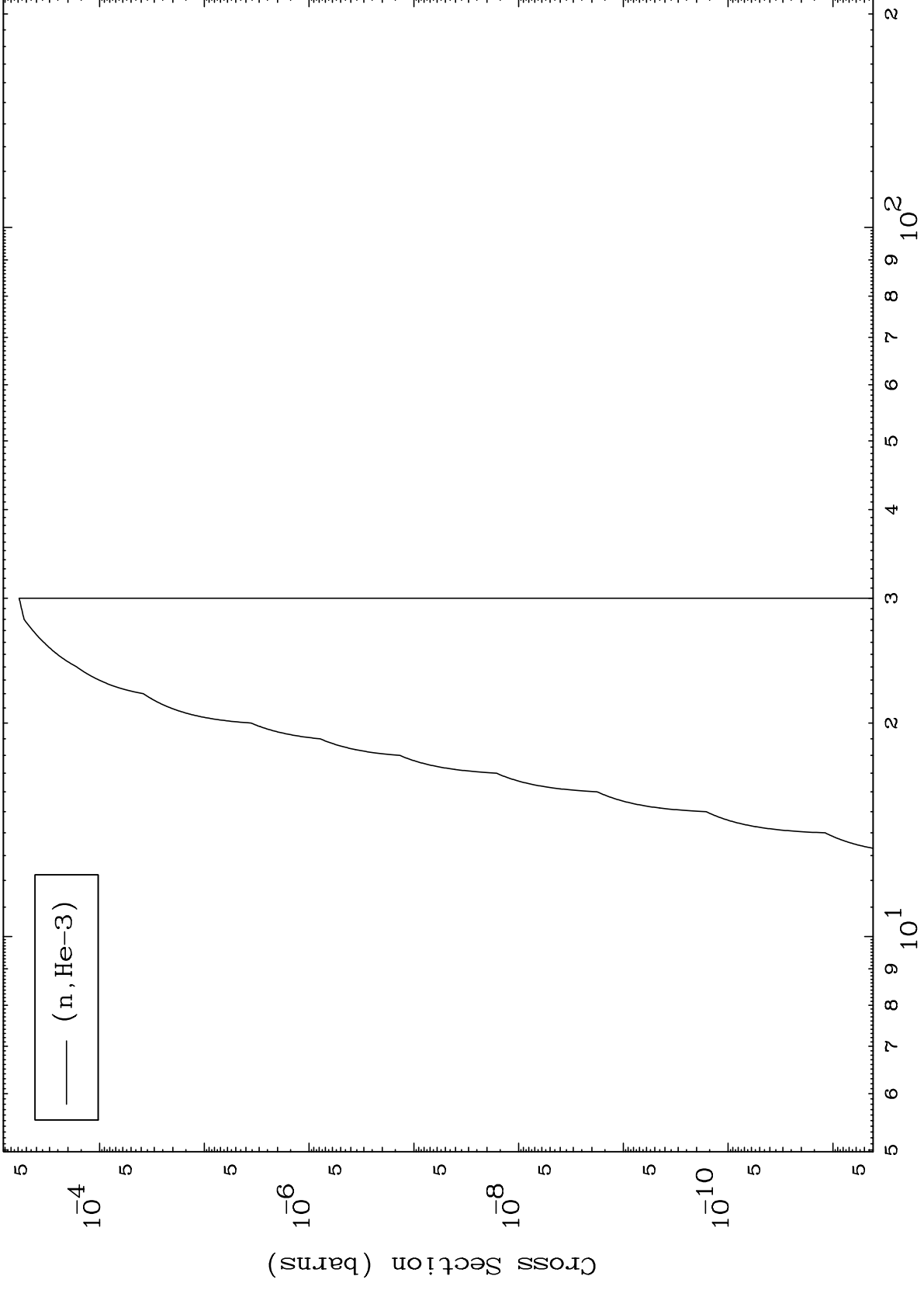
0 Kelvin Cross Sections



MAT 5358

(p,He3) Levels  
0 Kelvin Cross Sections

53-I -138

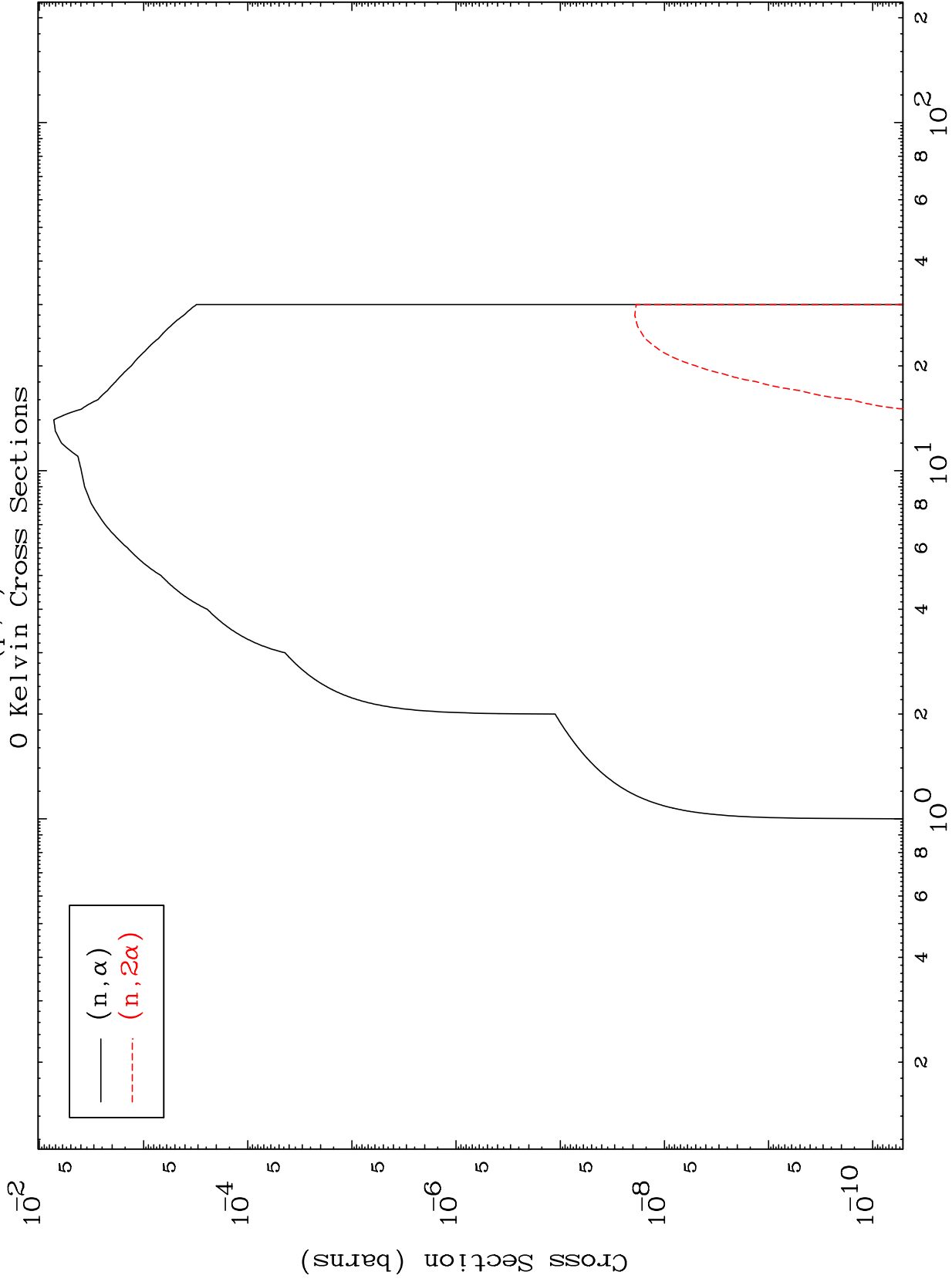


10

Incident Energy (MeV)

53-I -138

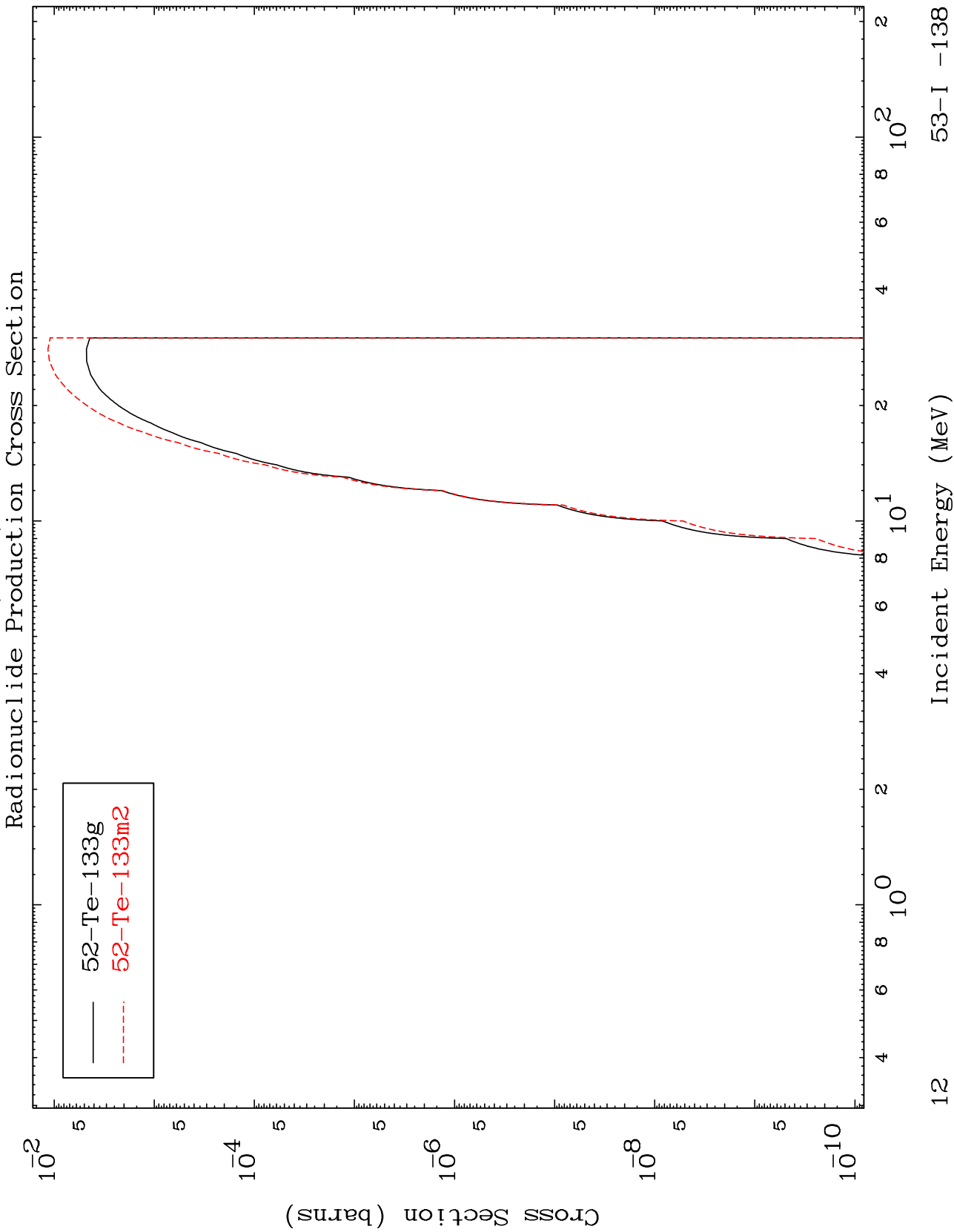
(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 5358

(n,2n)  $\alpha$

53-I -138



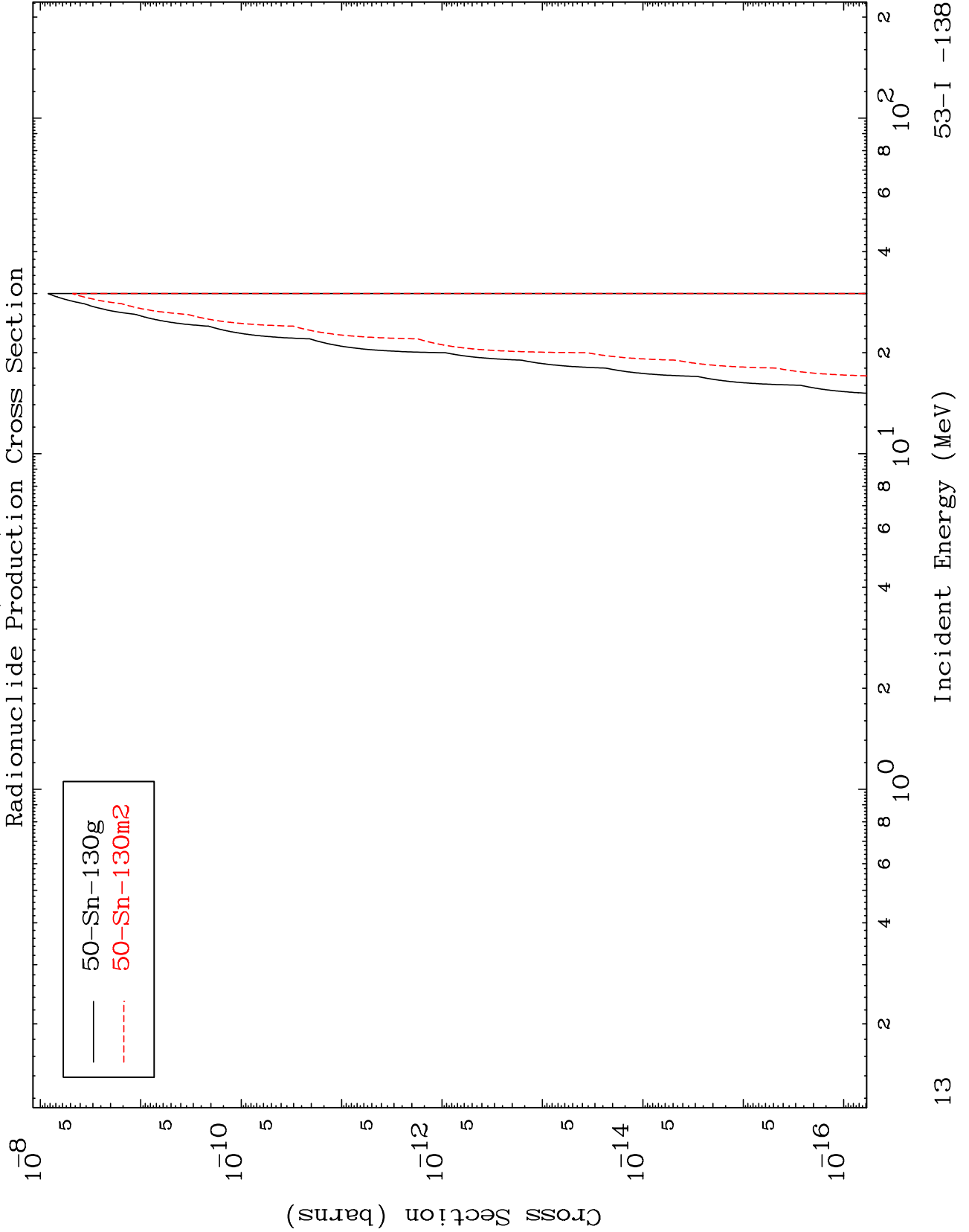
12

53-I -138

MAT 5358

(n,n') 2α

53-I -138

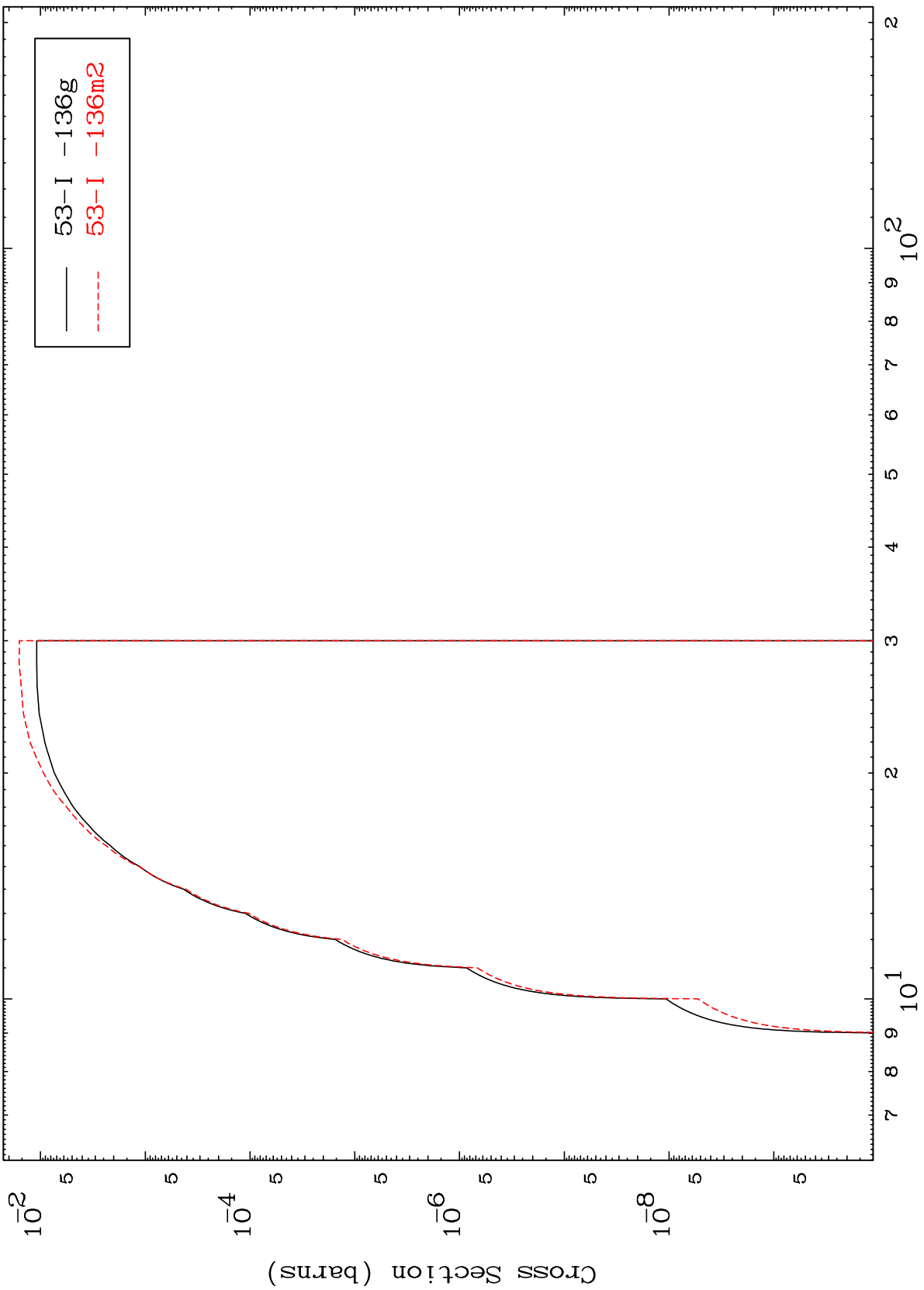


MAT 5358

(n,n') d

53-I -138

Radionuclide Production Cross Section



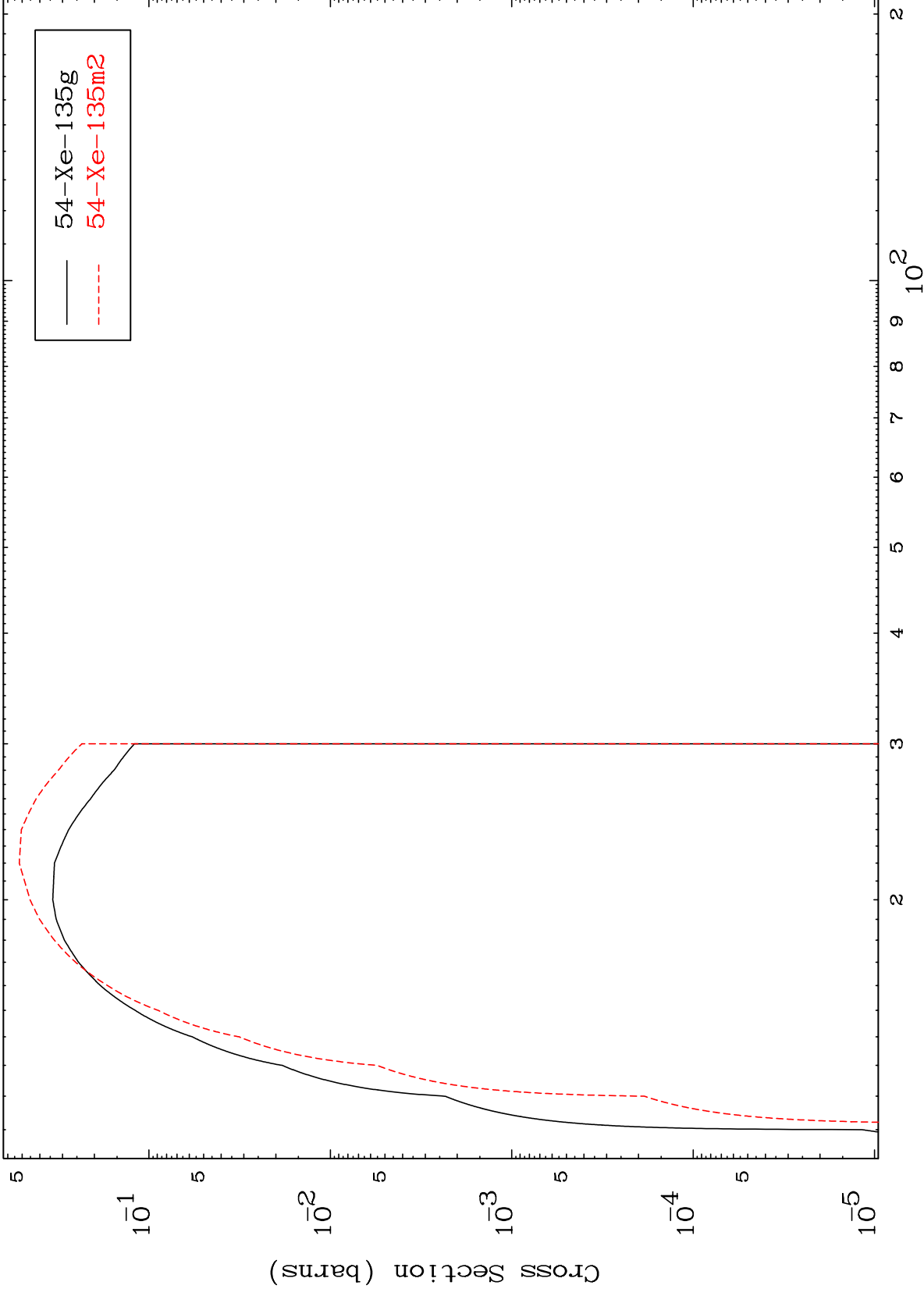
53-I -136g  
53-I -136m2

14

Incident Energy (MeV)

53-I -138

Radionuclide Production Cross Section



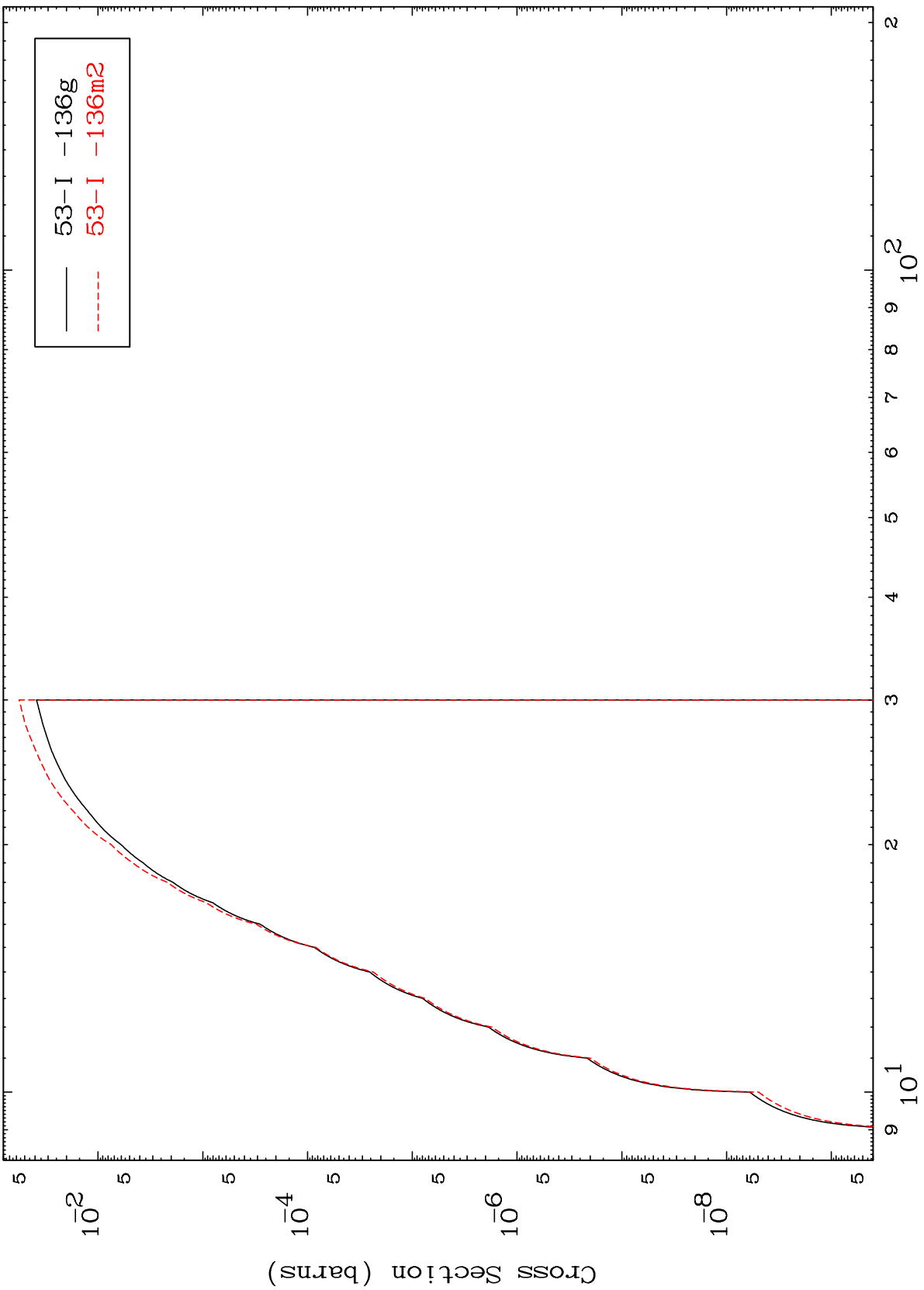


MAT 5358

(n,2n) p

53-I -138

Radionuclide Production Cross Section



16

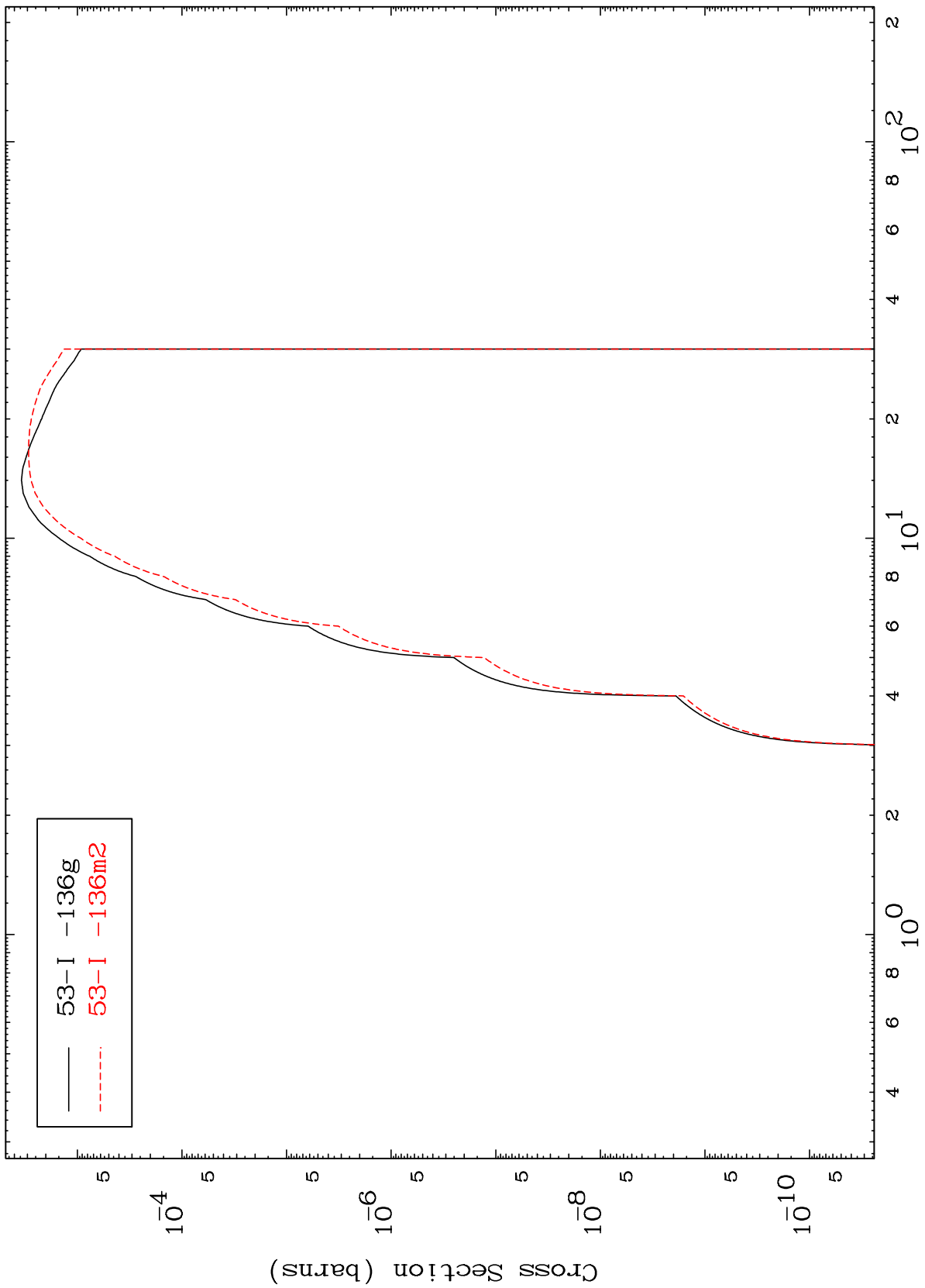
Incident Energy (MeV)

53-I -138

MAT 5358

53-I -138

(n,t)  
Radionuclide Production Cross Section



53-I -136g  
53-I -136m2

17

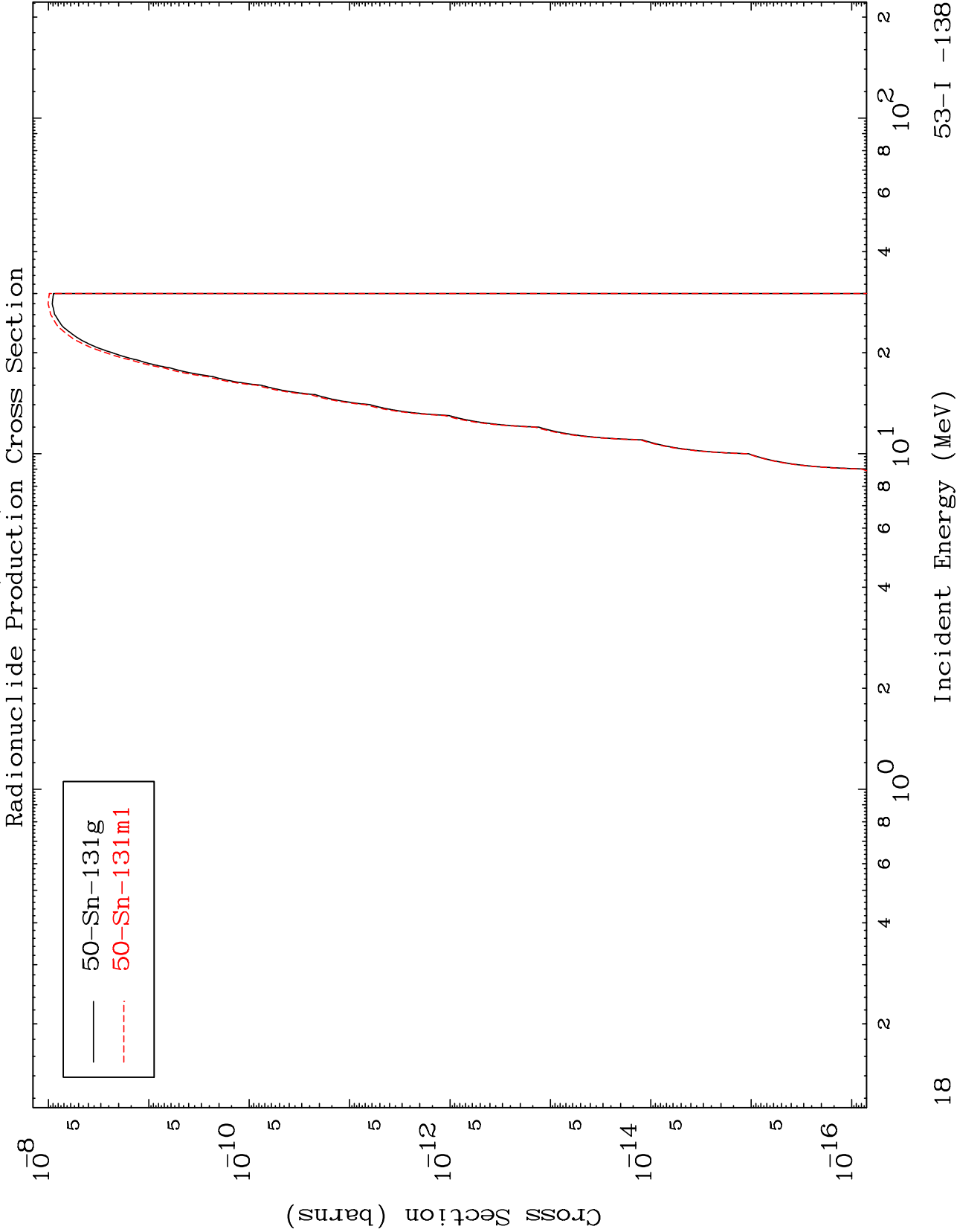
53-I -138

Incident Energy (MeV)

MAT 5358

(n,2α)

53-I -138



18

Incident Energy (MeV)

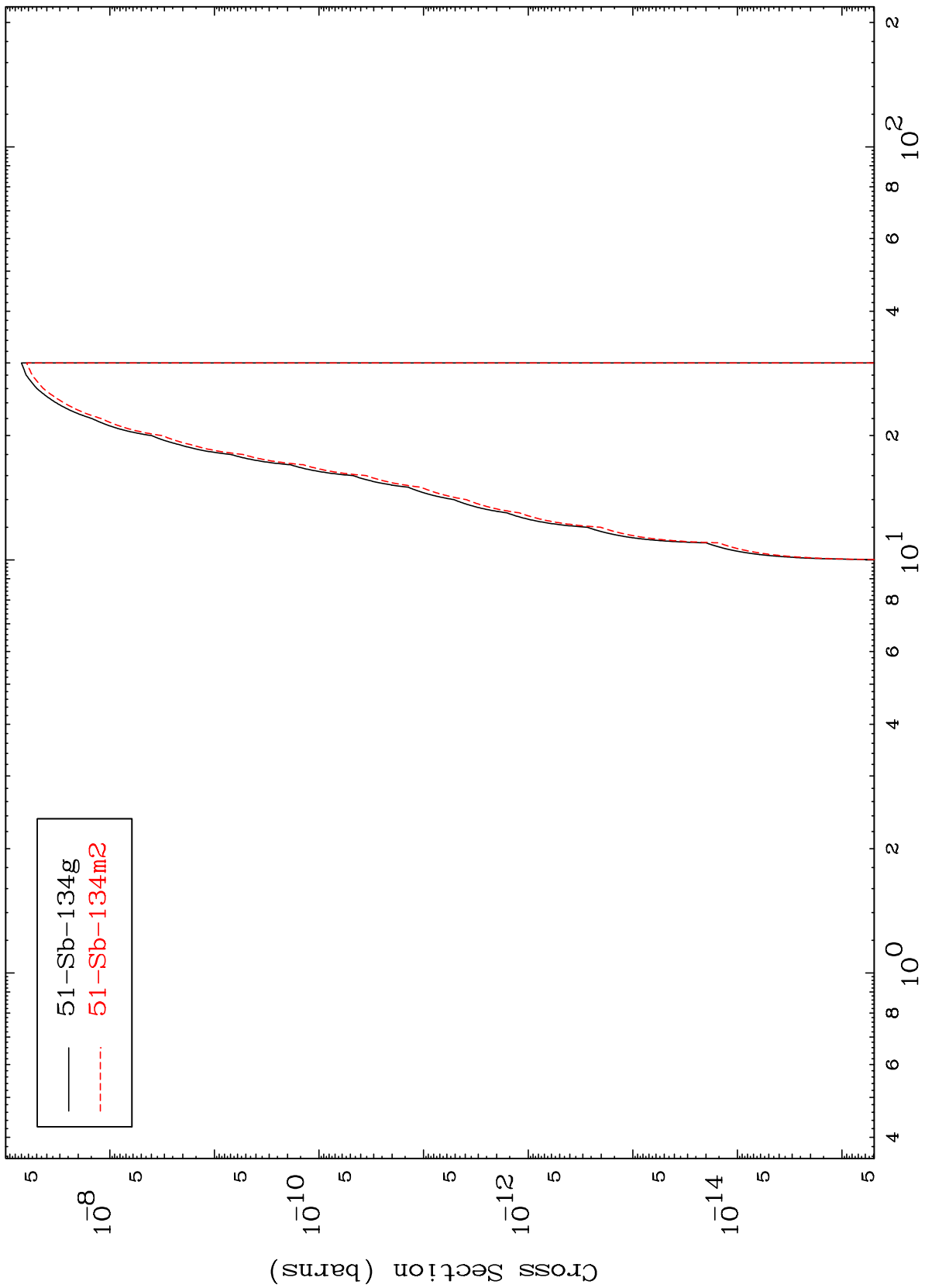
53-I -138

MAT 5358

(n,p)  $\alpha$

53-I -138

Radionuclide Production Cross Section



— 51-Sb-134g  
- - - 51-Sb-134m2

19

Incident Energy (MeV)

53-I -138