

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

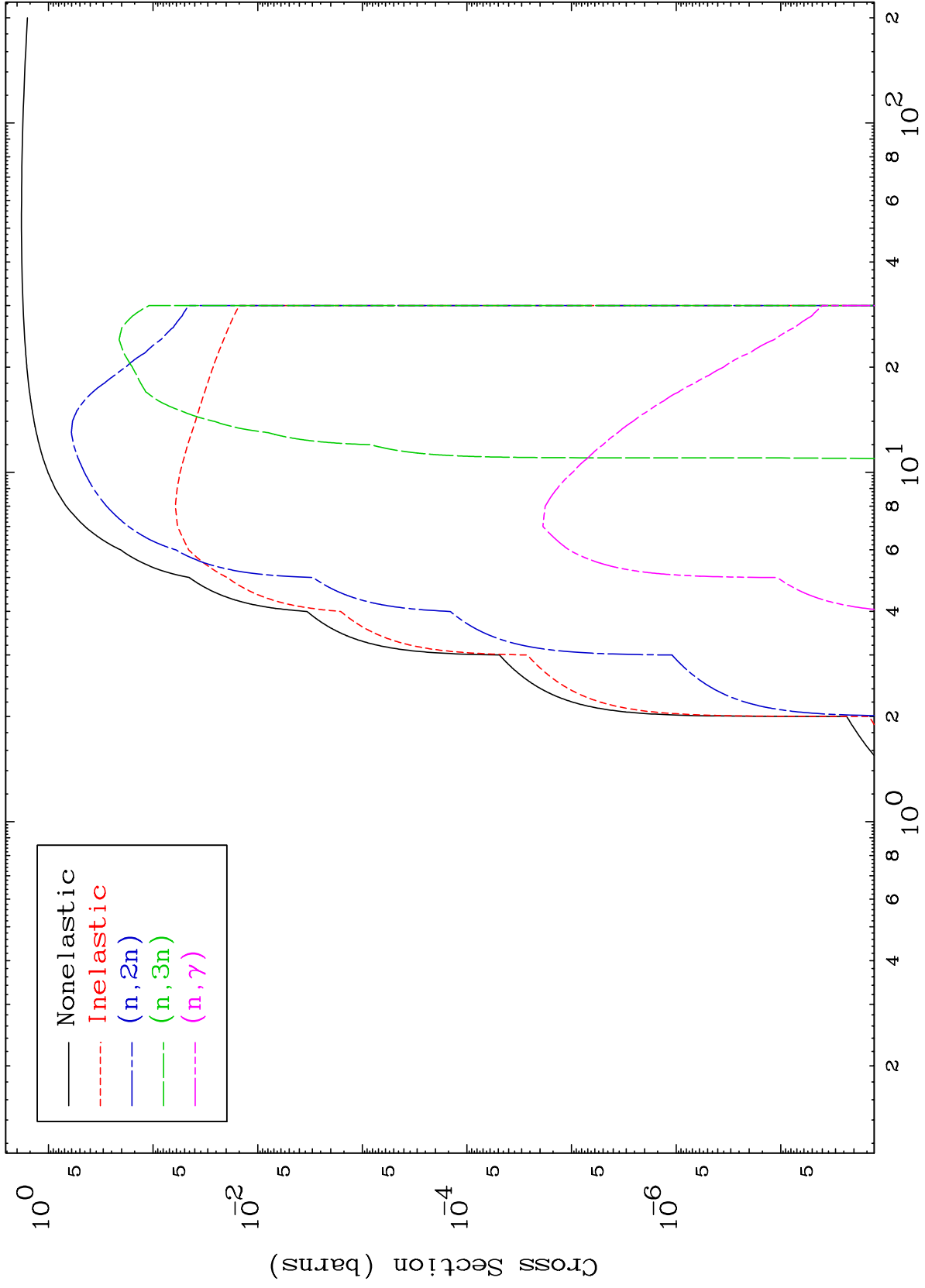
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

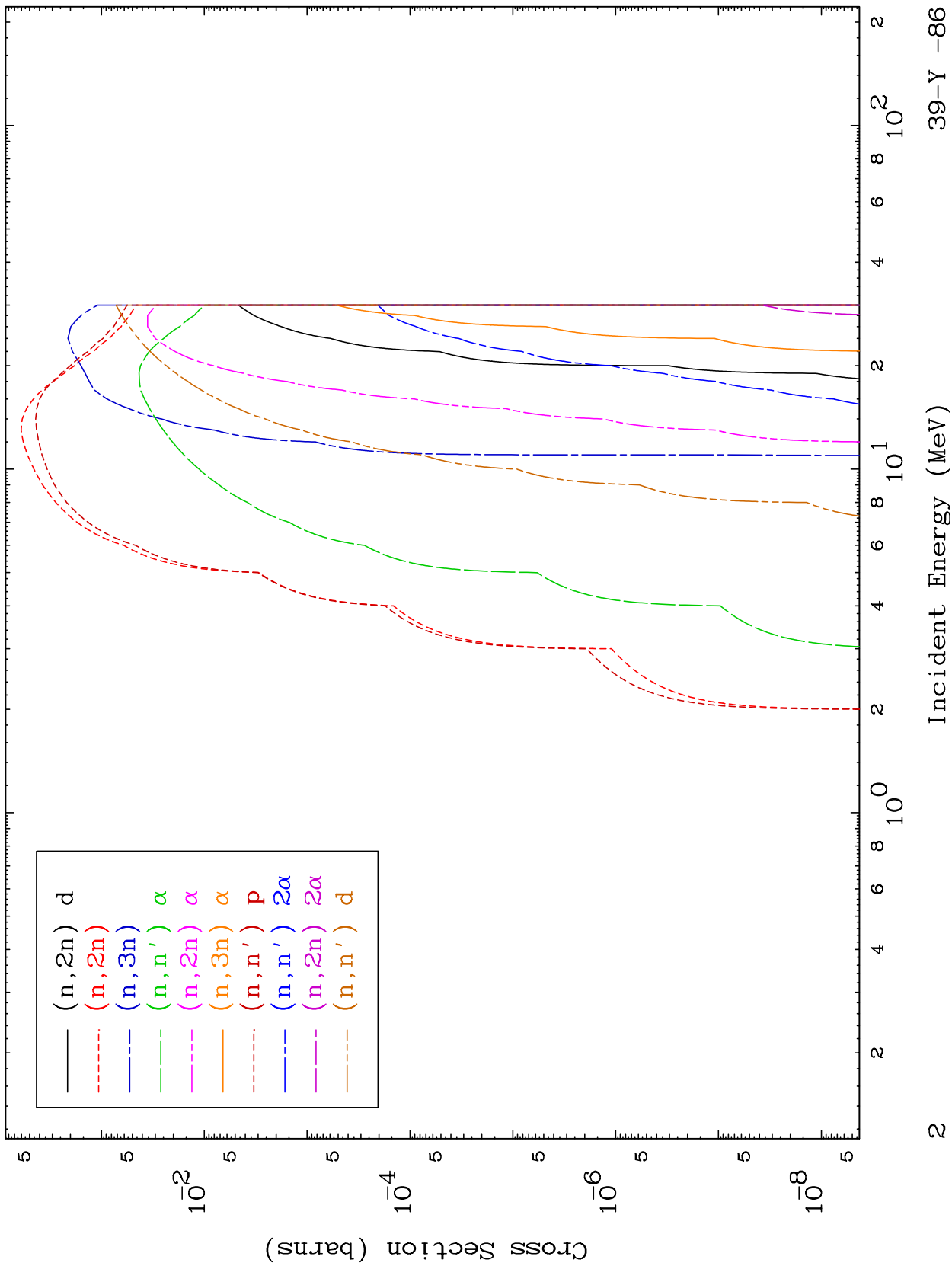
Tele: 925-443-1911

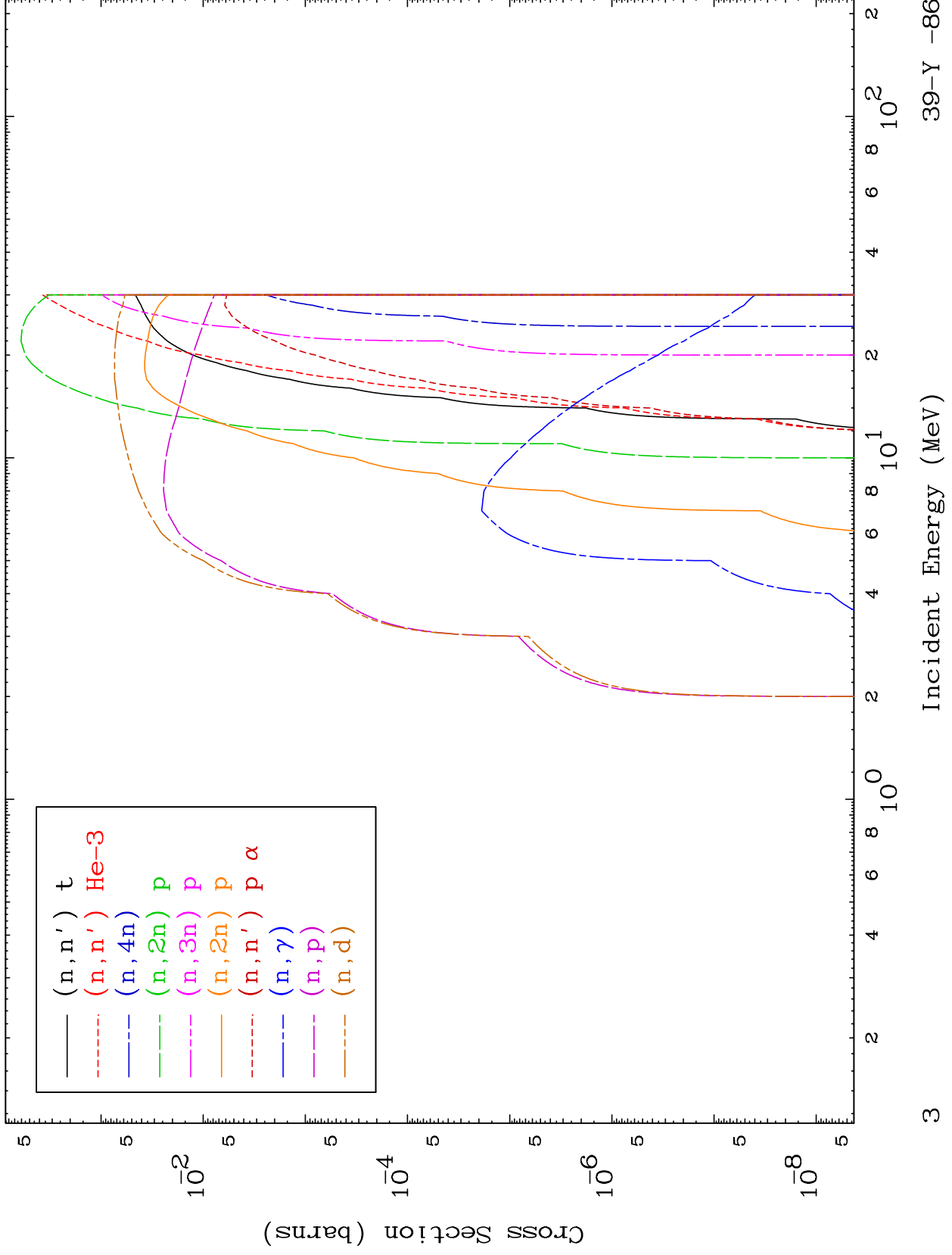
E.Mail:redcullen1@comcast.net

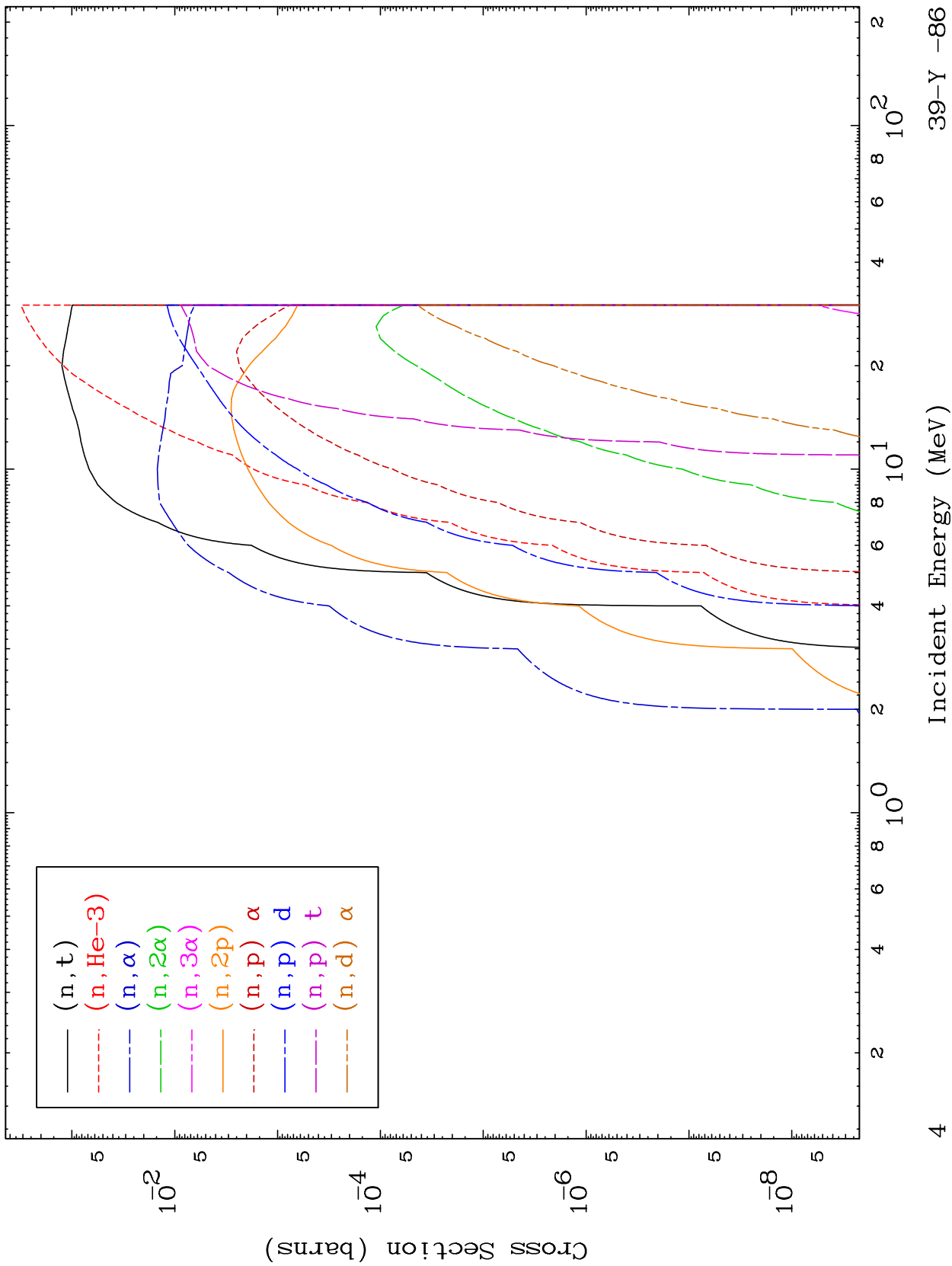
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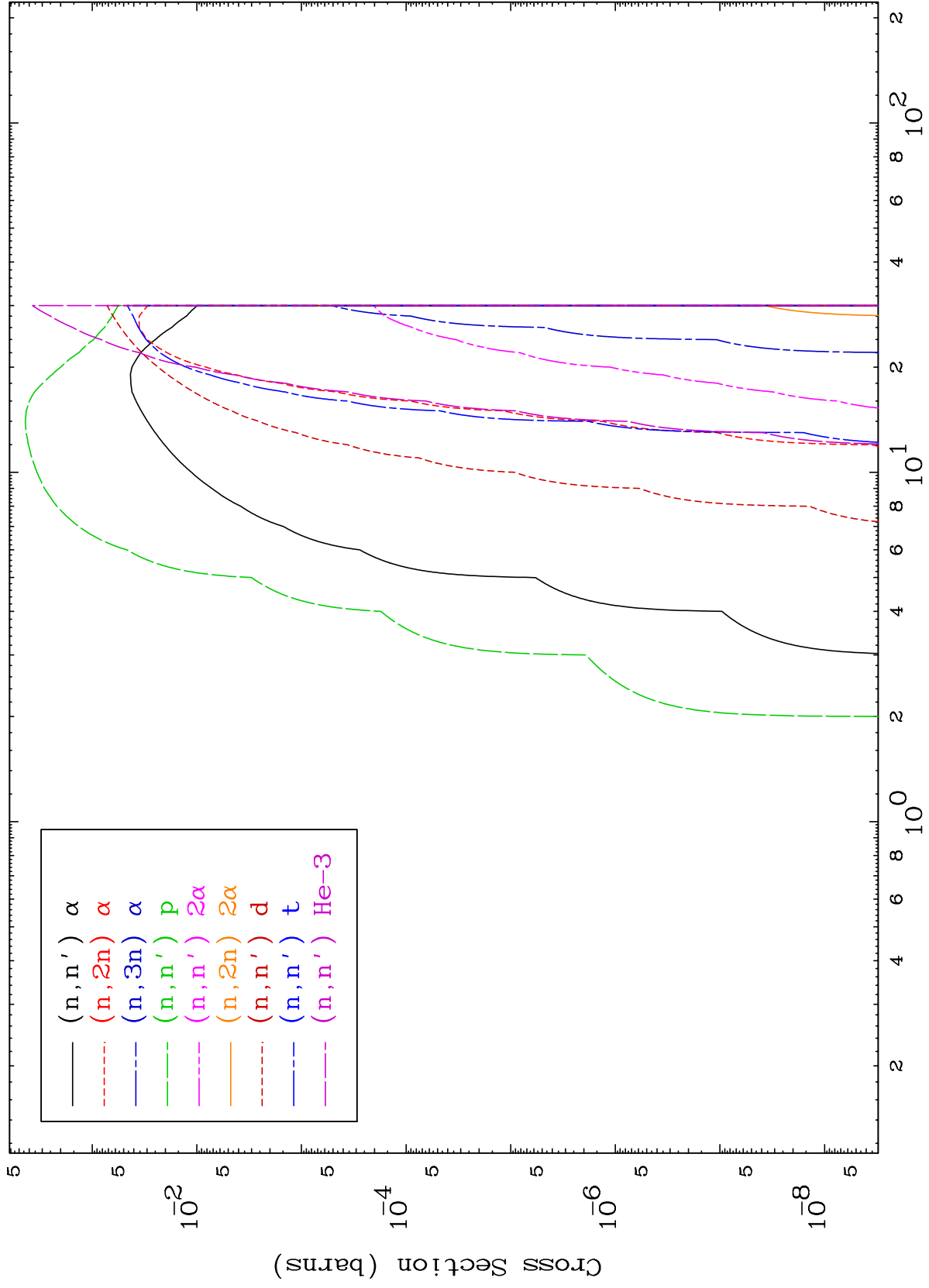
Press Mouse Button to Start

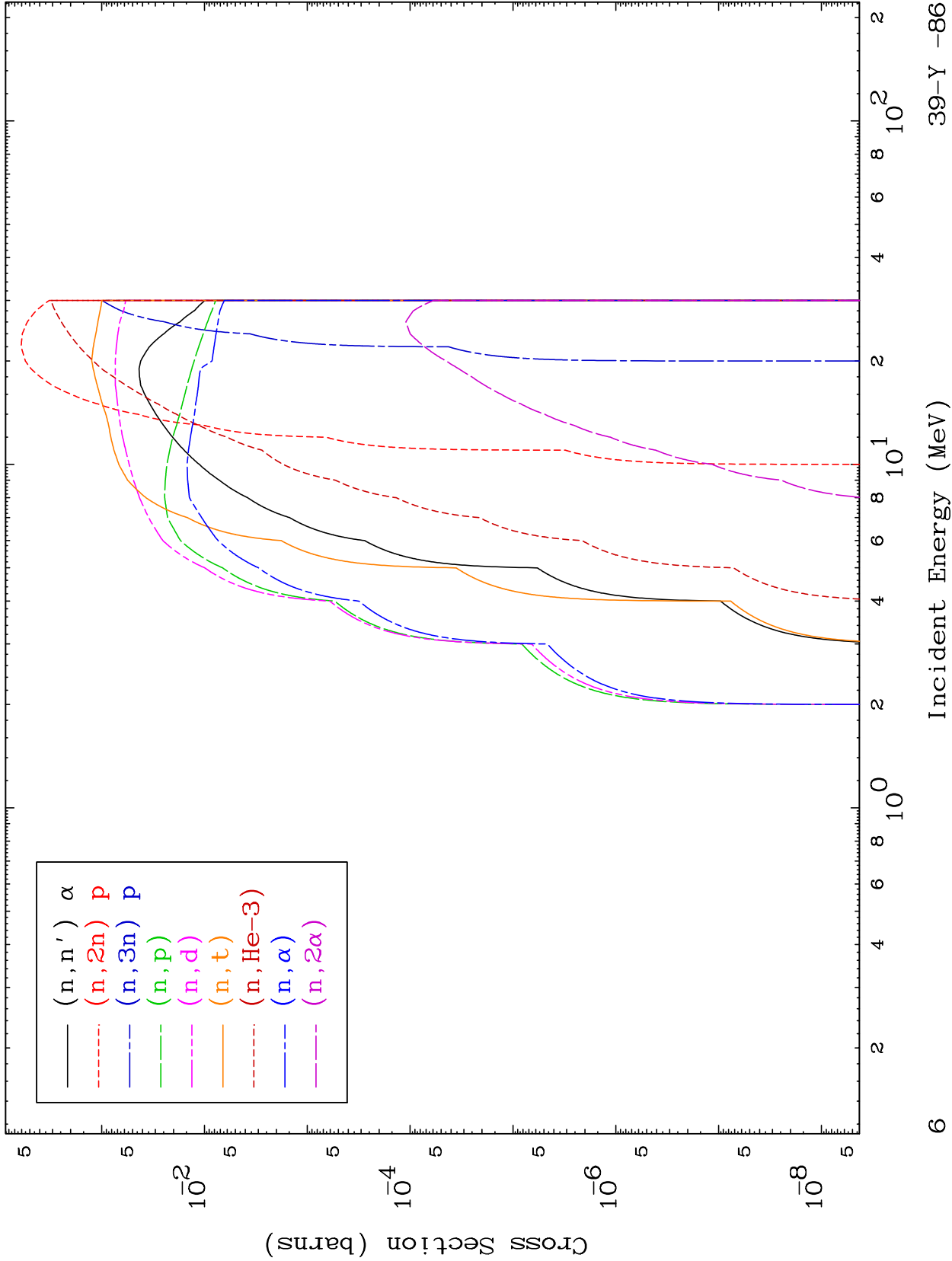


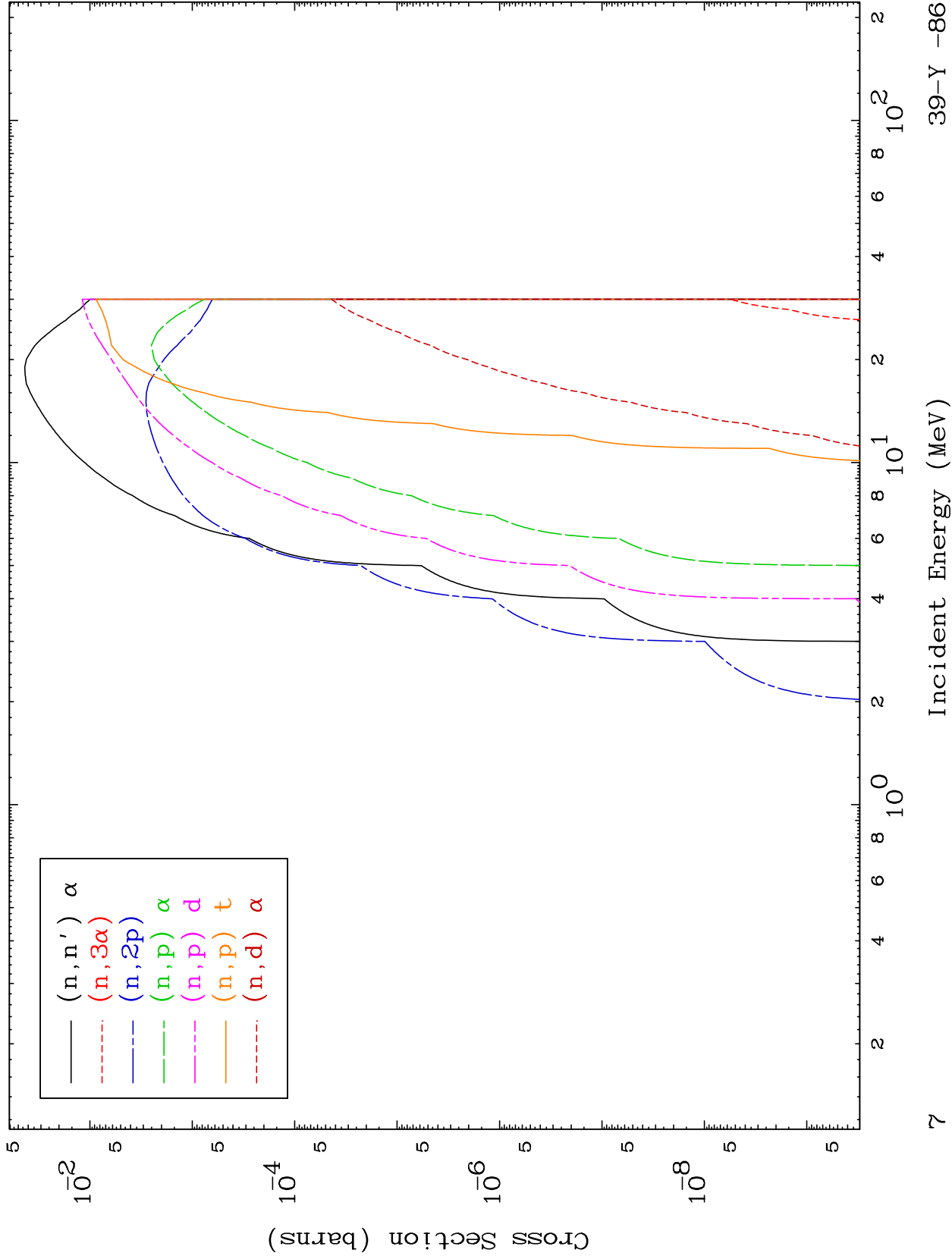


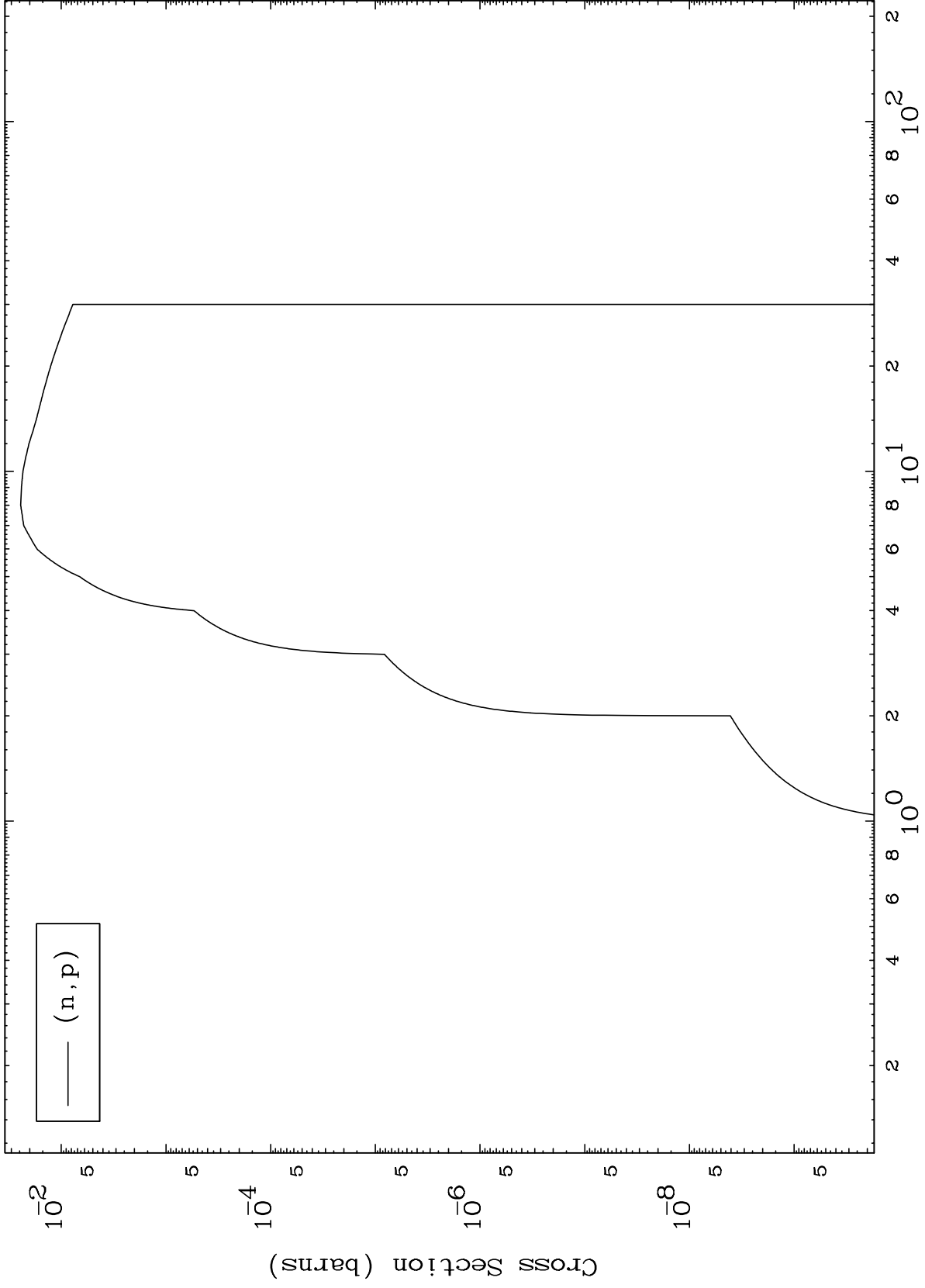


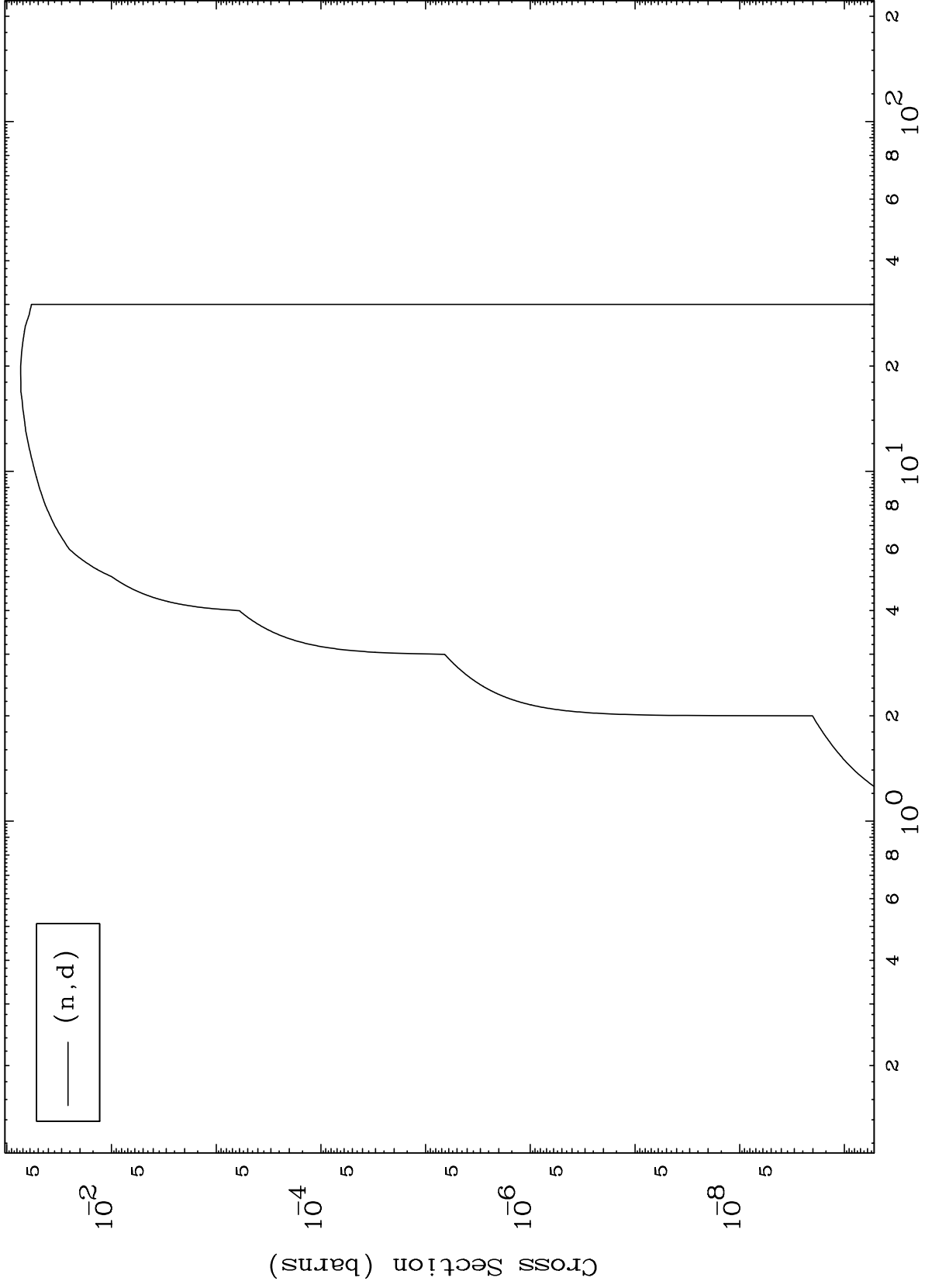










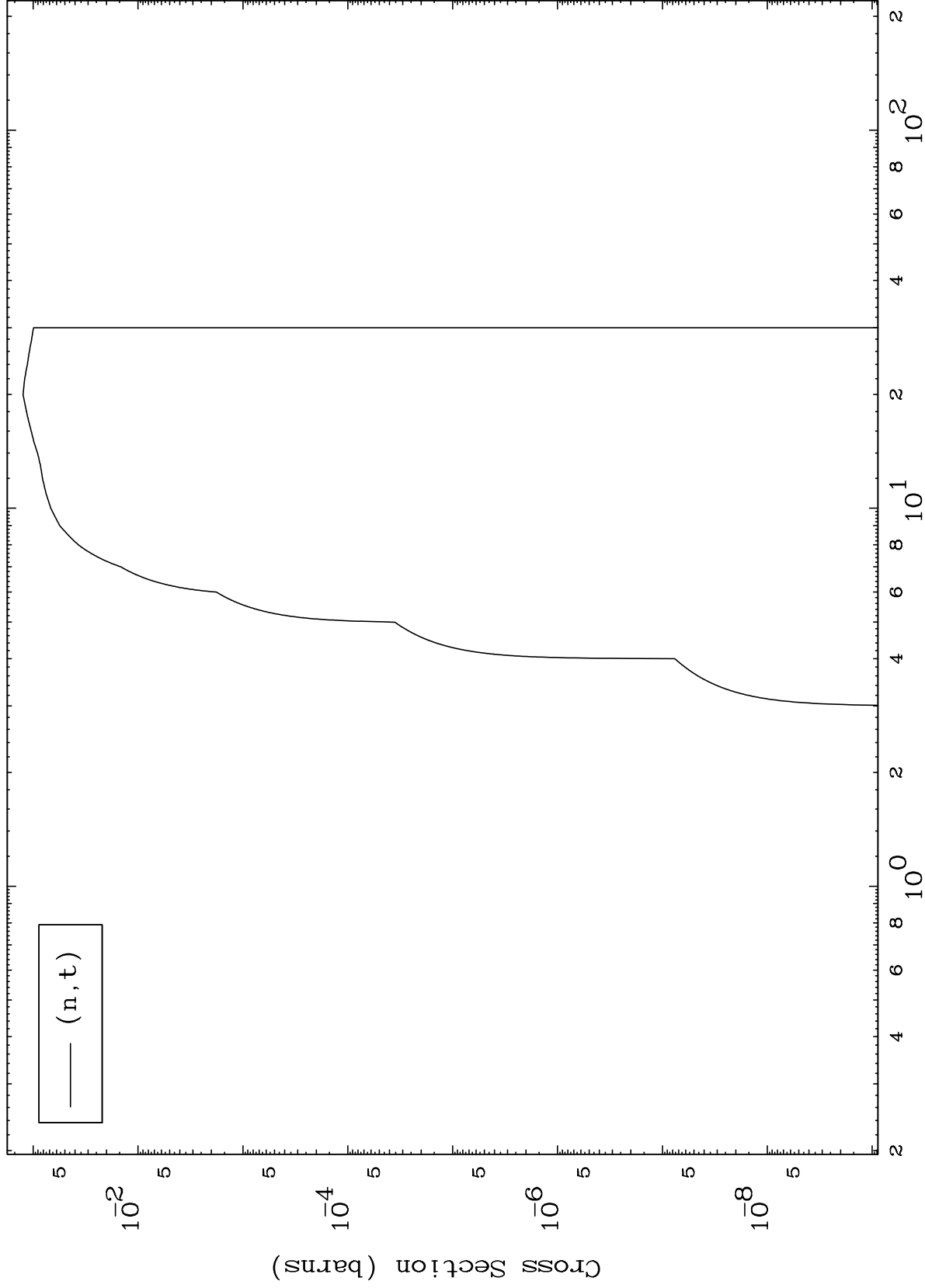


MAT 3916

(t, t) Levels

39-Y -86

0 Kelvin Cross Sections

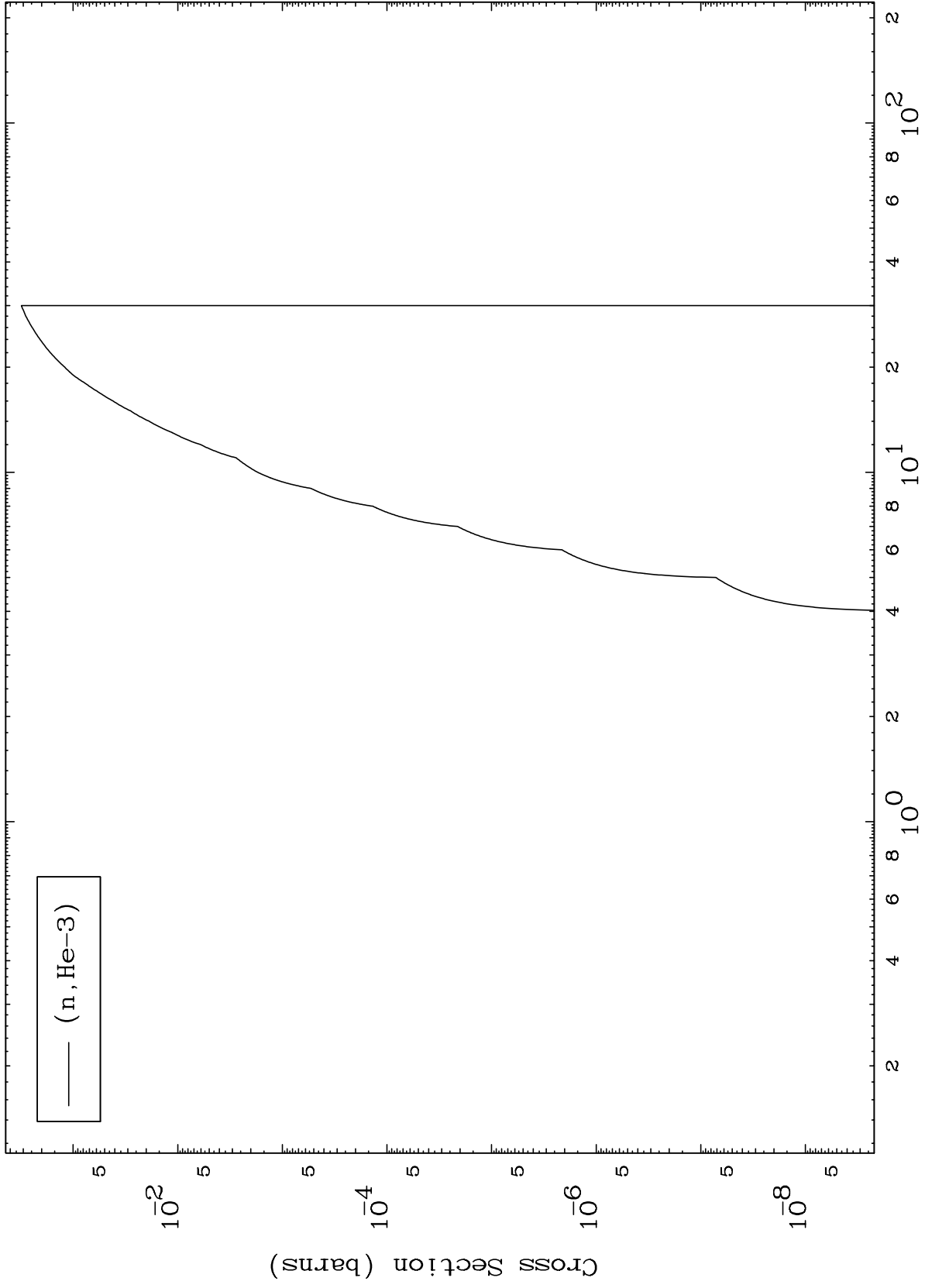


10

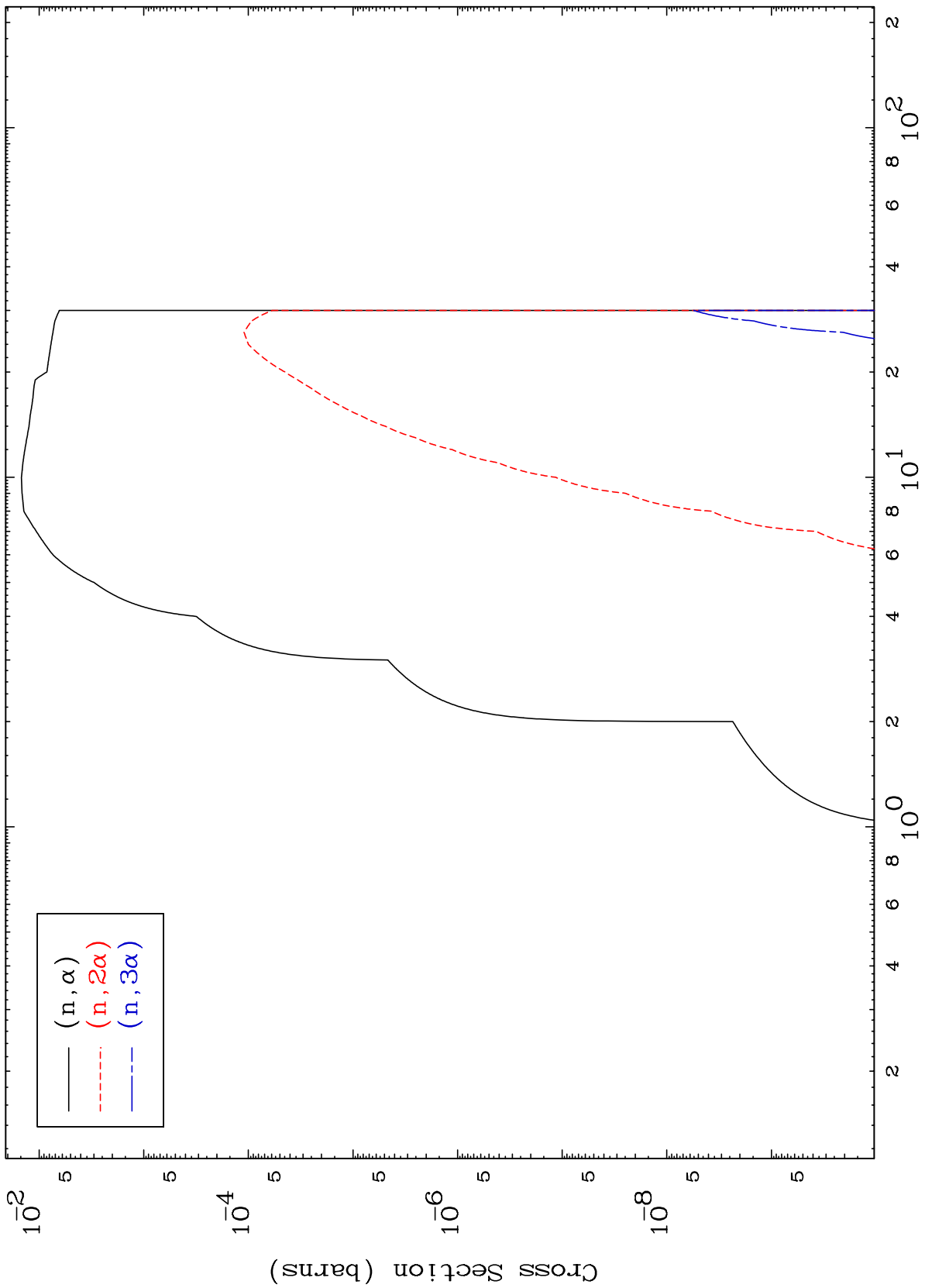
Incident Energy (MeV)

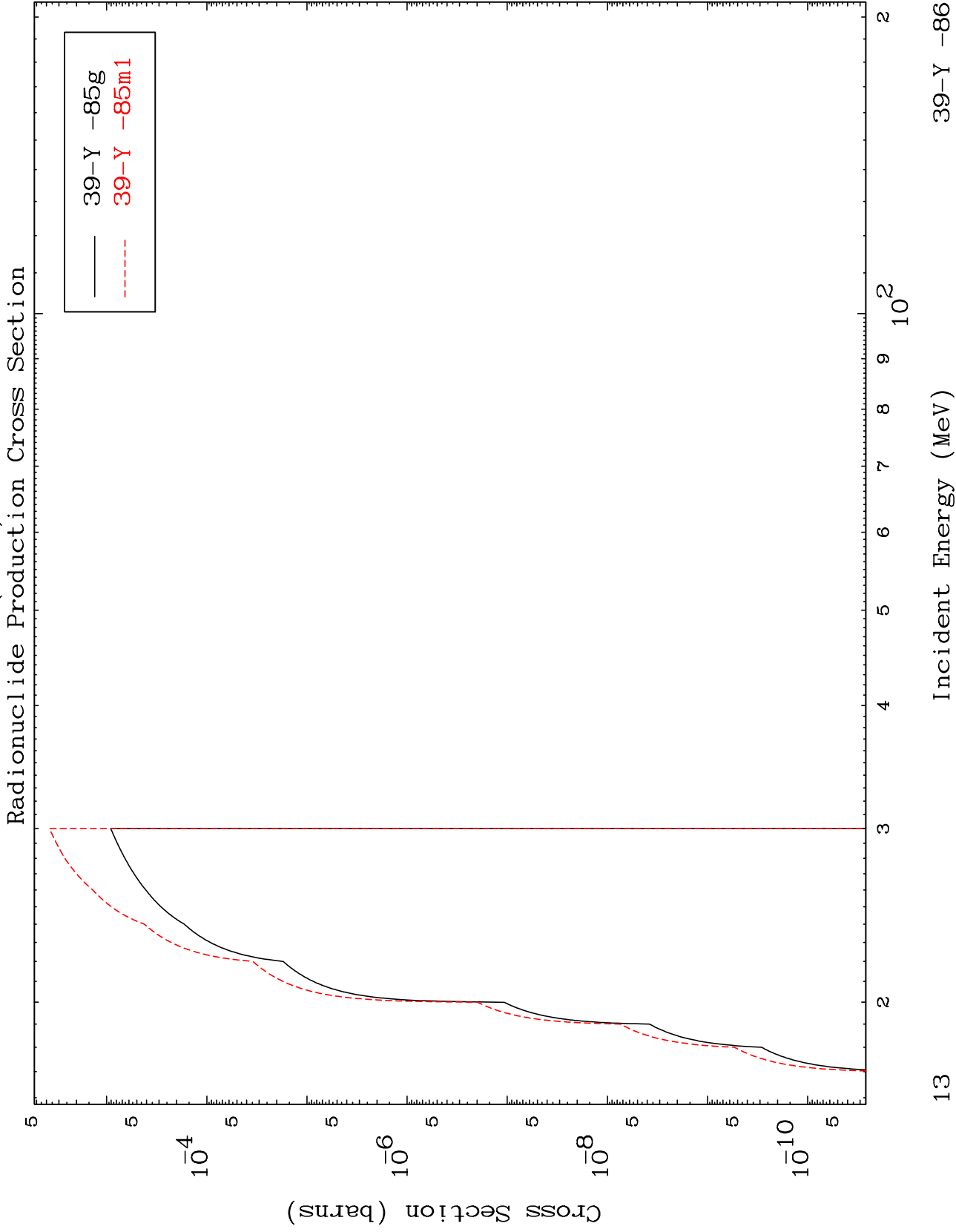
39-Y -86

0 Kelvin Cross Sections



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

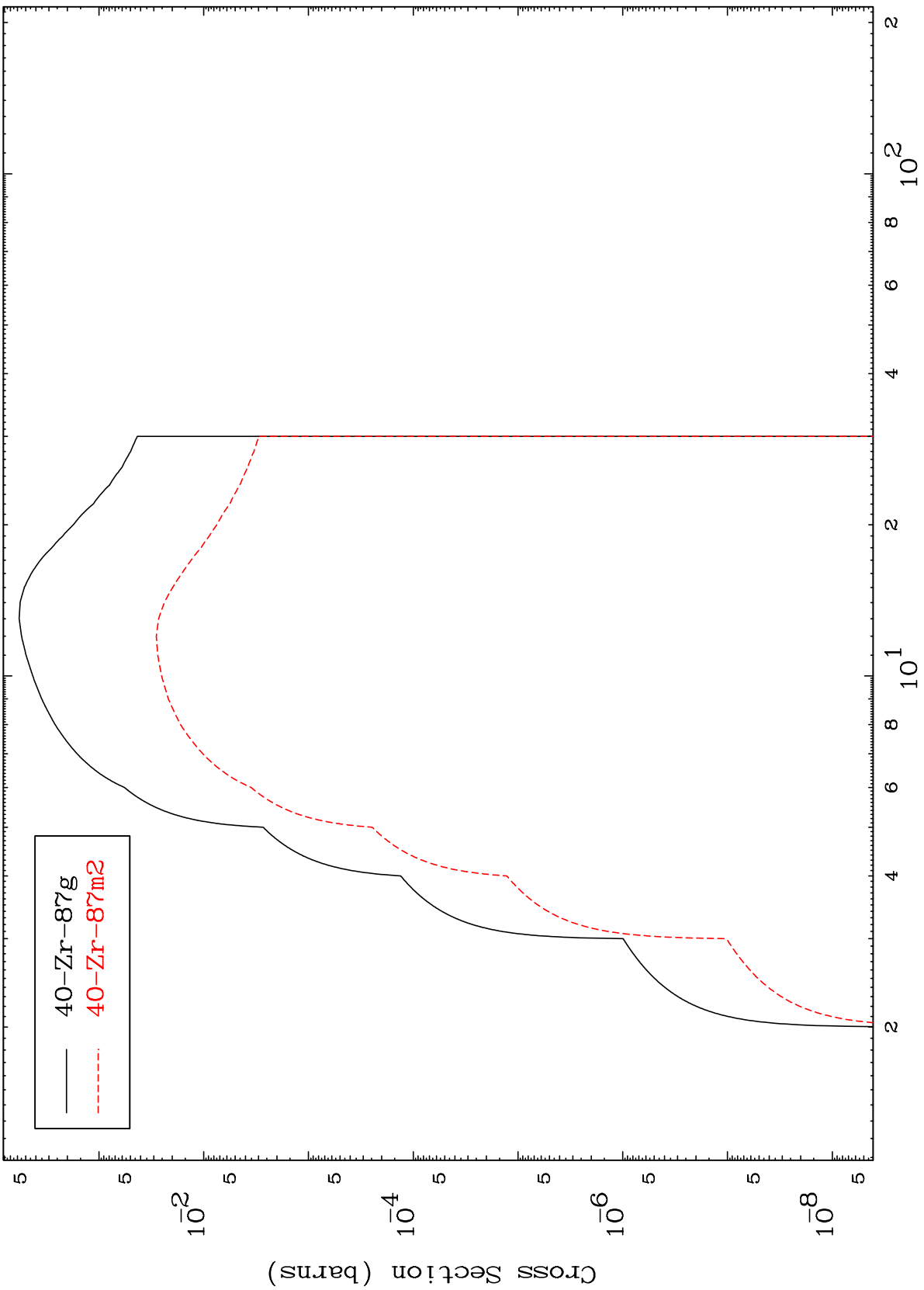




MAT 3916

39-Y -86

Radionuclide Production Cross Section



14

Incident Energy (MeV)

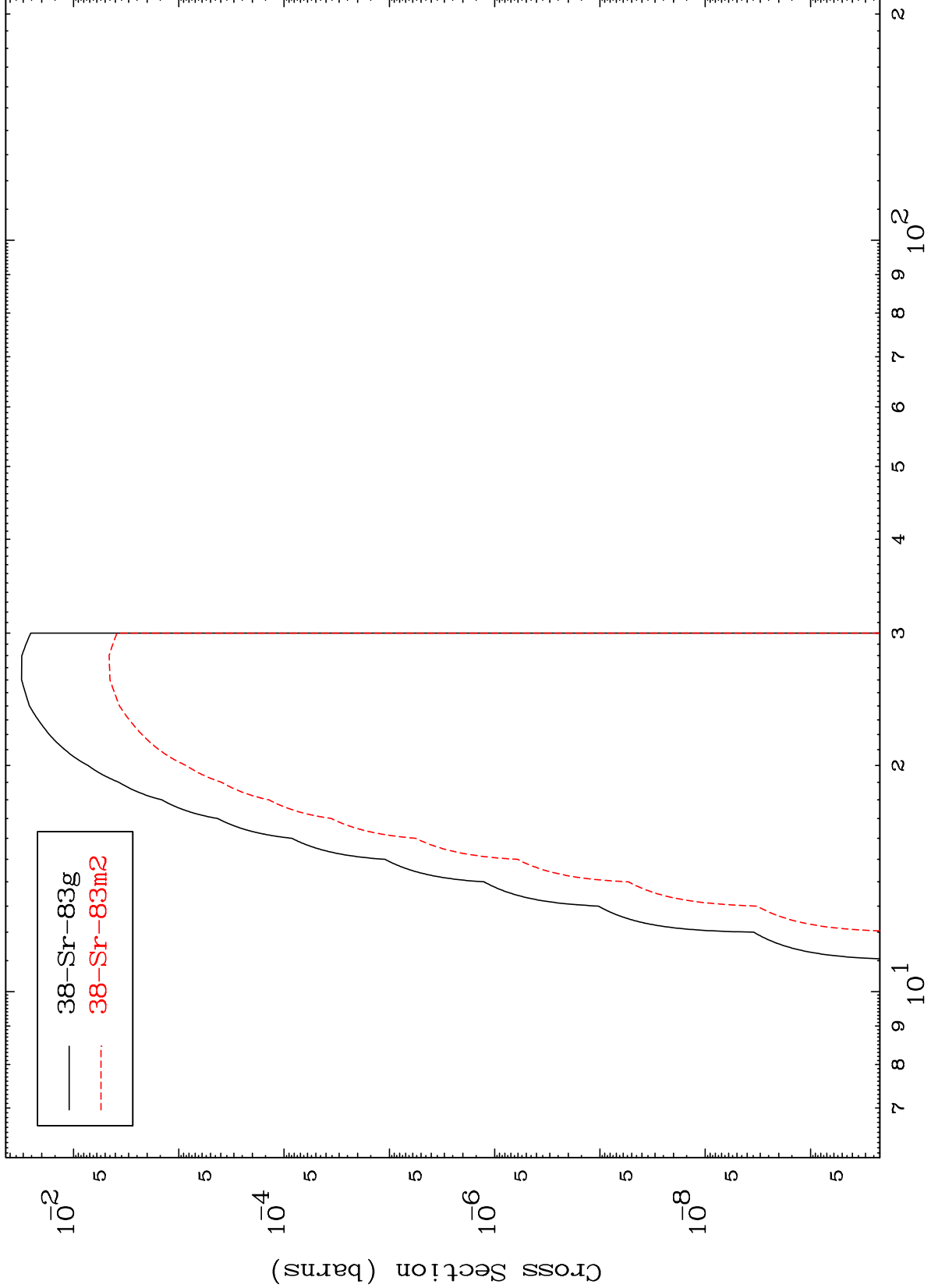
39-Y -86

MAT 3916

(n,2n)  $\alpha$

39-Y -86

Radionuclide Production Cross Section



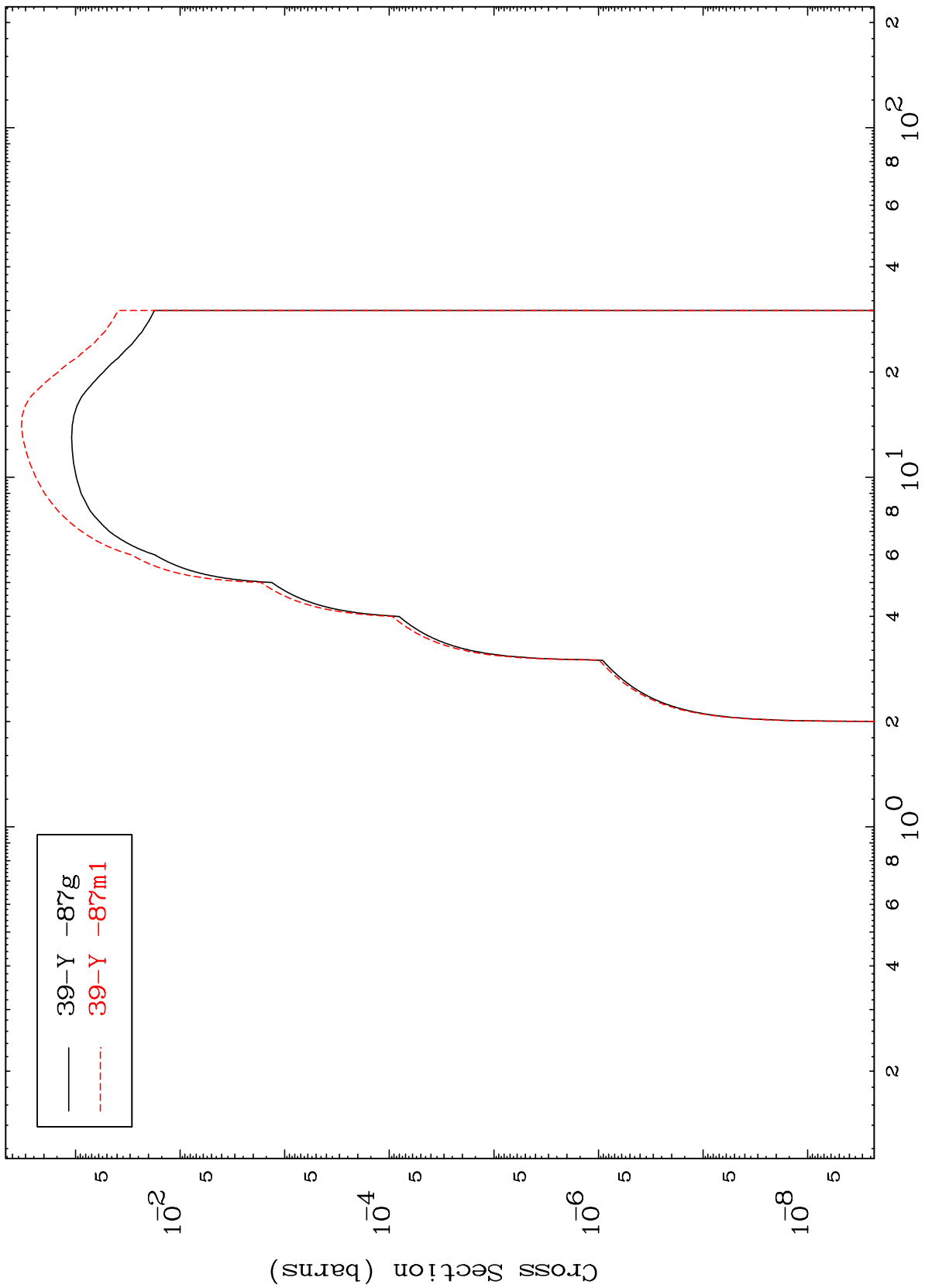
— 38-Sr-83g  
- - - 38-Sr-83m2

15

Incident Energy (MeV)

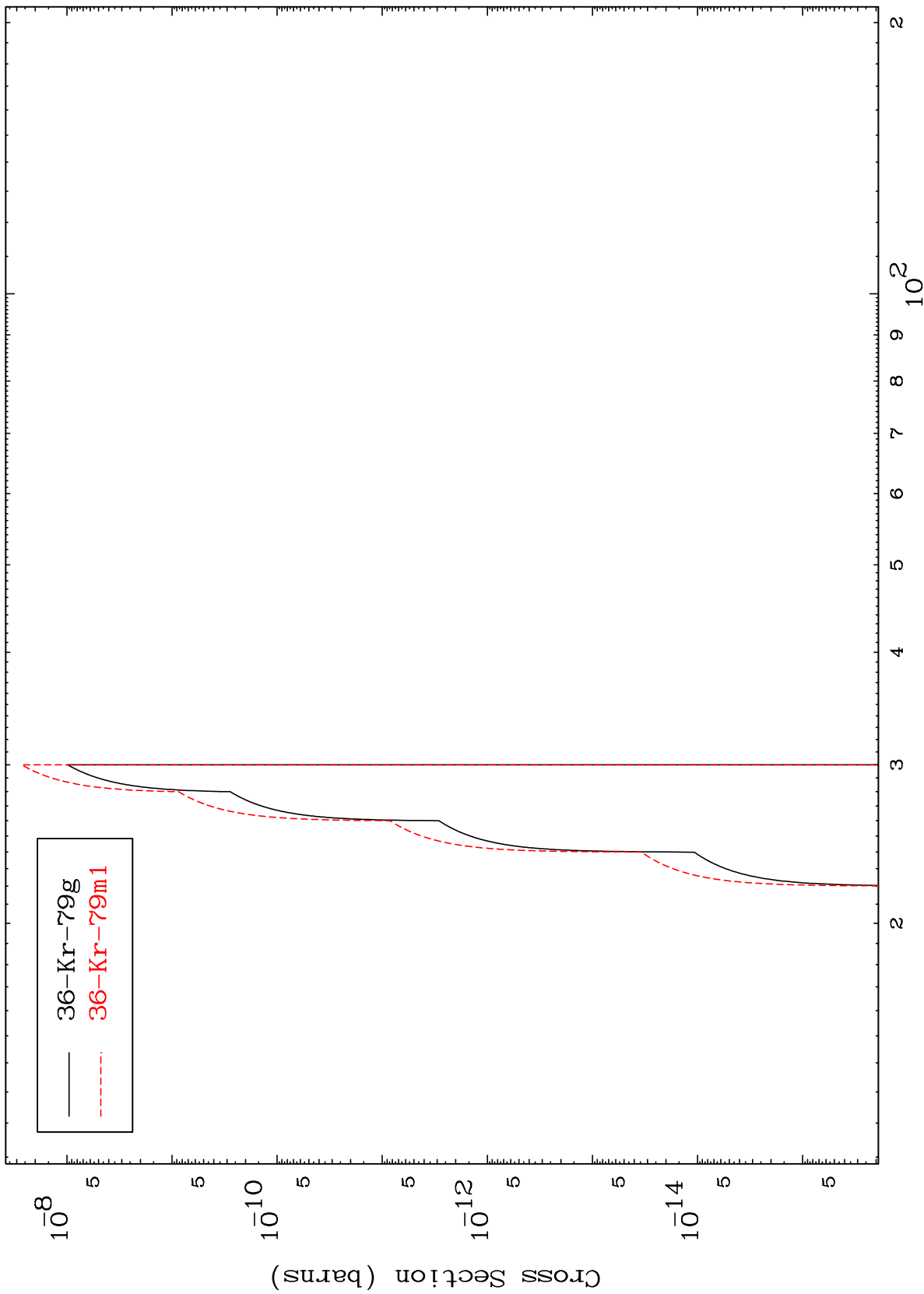
39-Y -86

(n,n') p  
Radionuclide Production Cross Section



39-Y -87g  
39-Y -87m1

(n,2n) 2α  
Radionuclide Production Cross Section

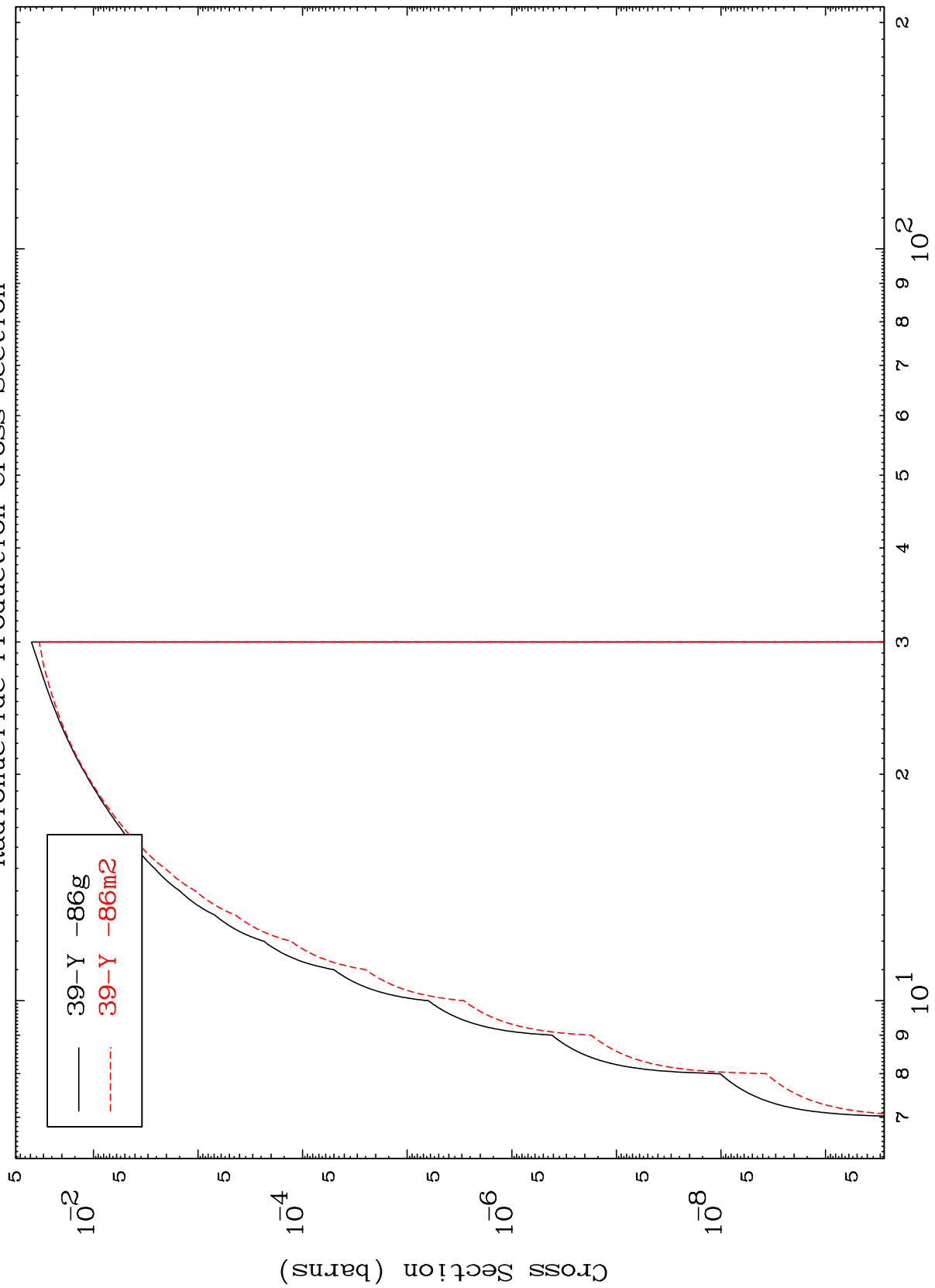


MAT 3916

(n,n') d

39-Y -86

Radionuclide Production Cross Section



18

Incident Energy (MeV)

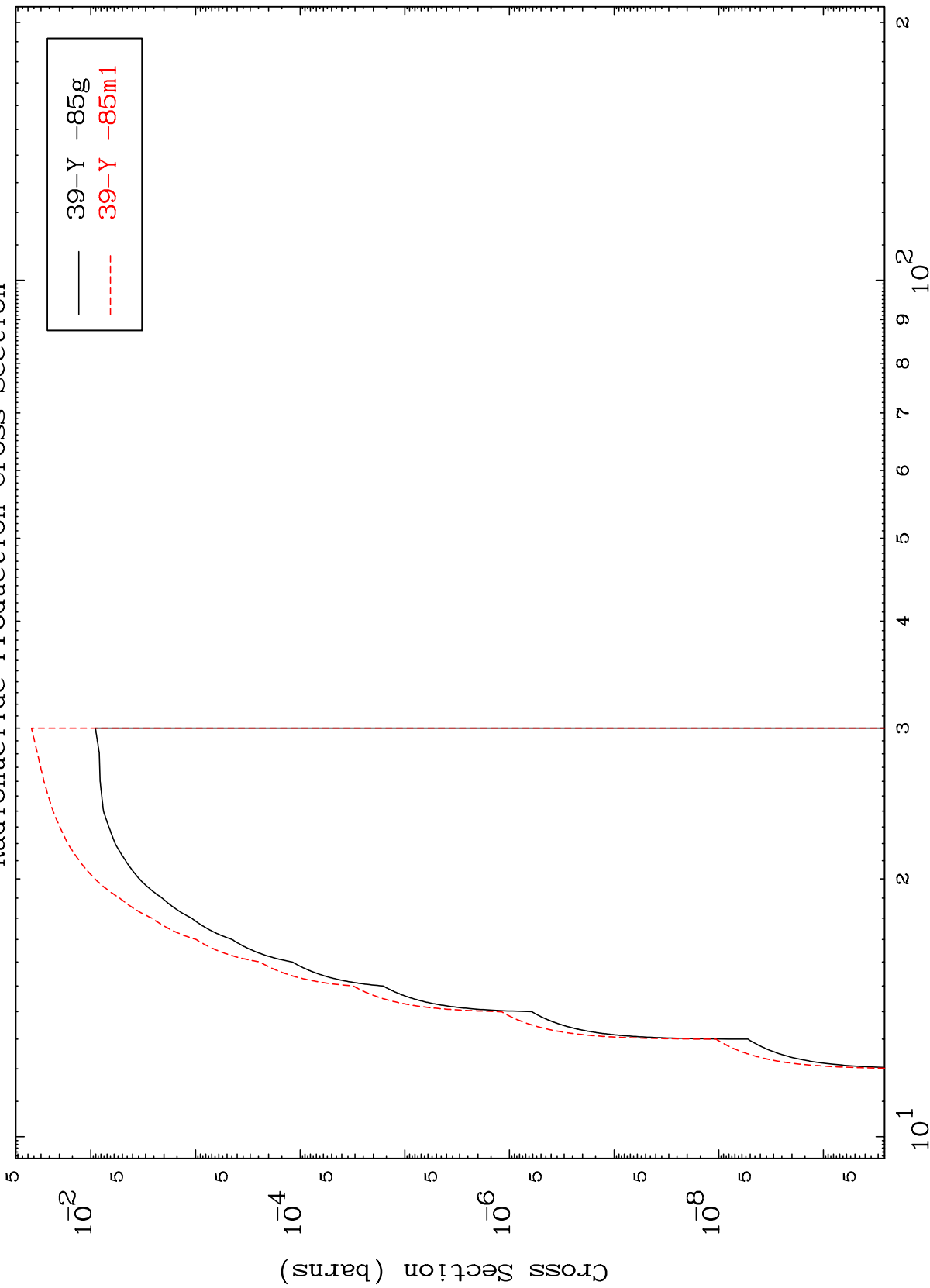
39-Y -86

MAT 3916

(n,n') t

39-Y -86

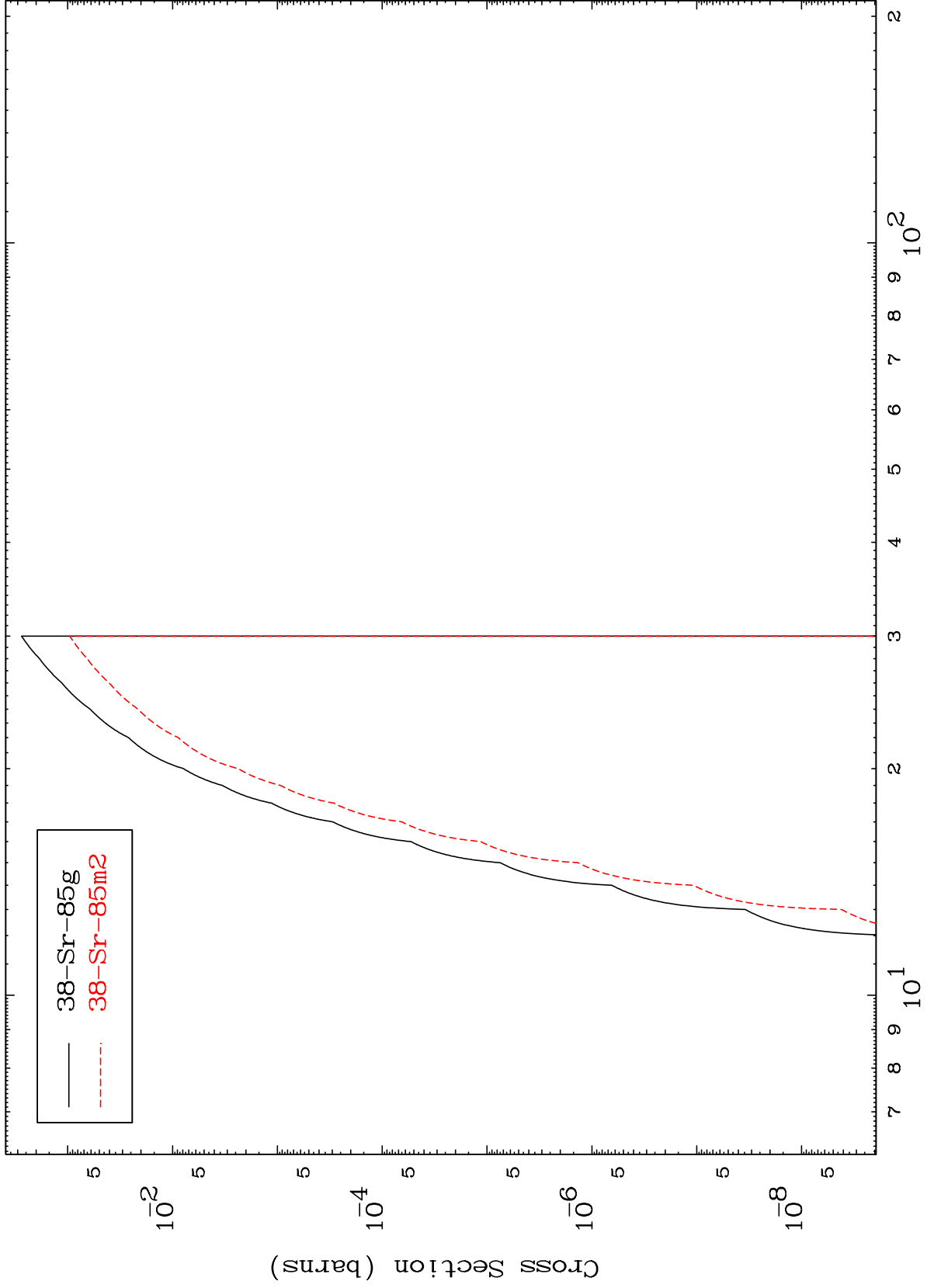
Radionuclide Production Cross Section



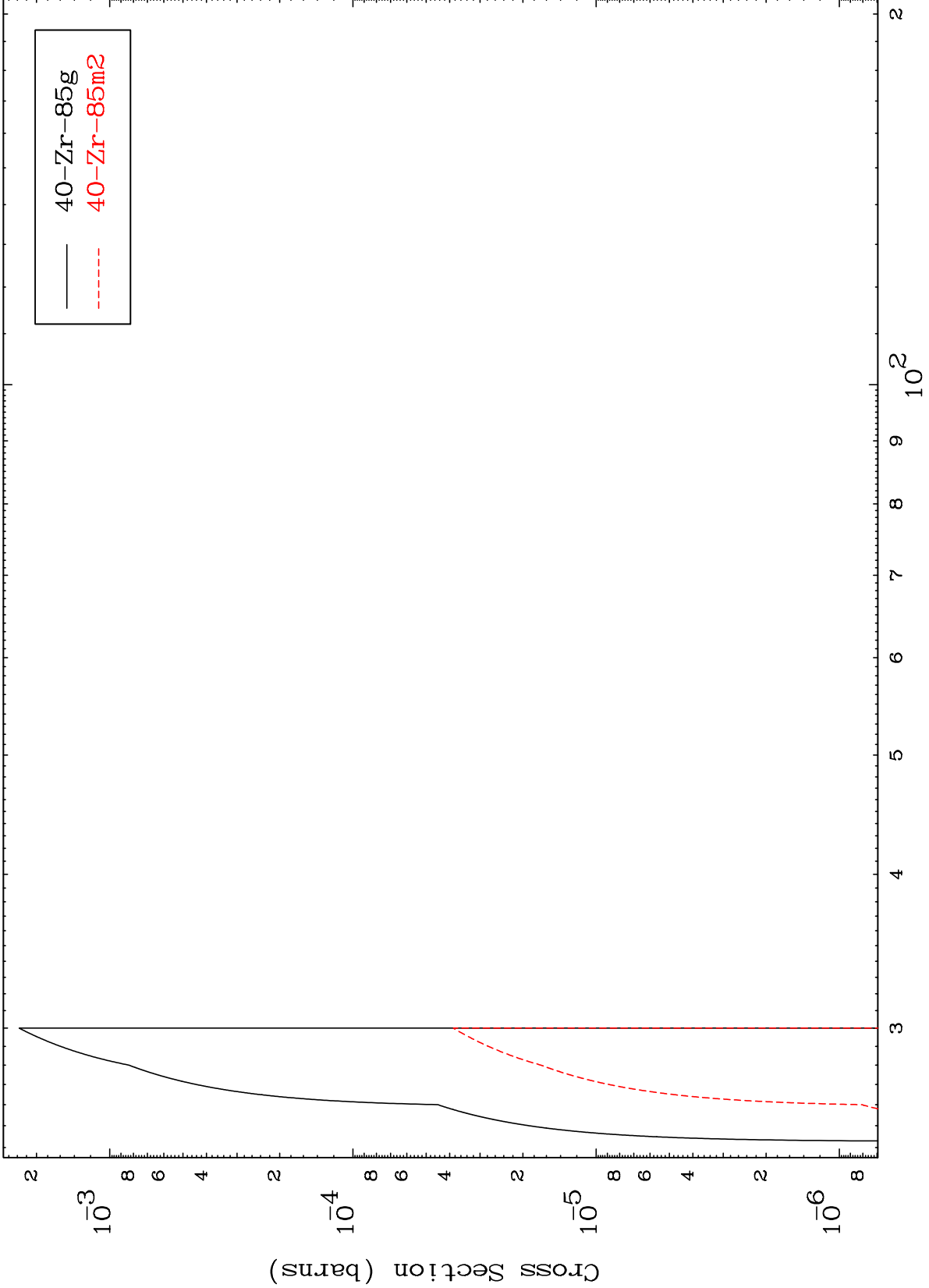
Incident Energy (MeV)

39-Y -86

Radionuclide Production Cross Section



Radionuclide Production Cross Section

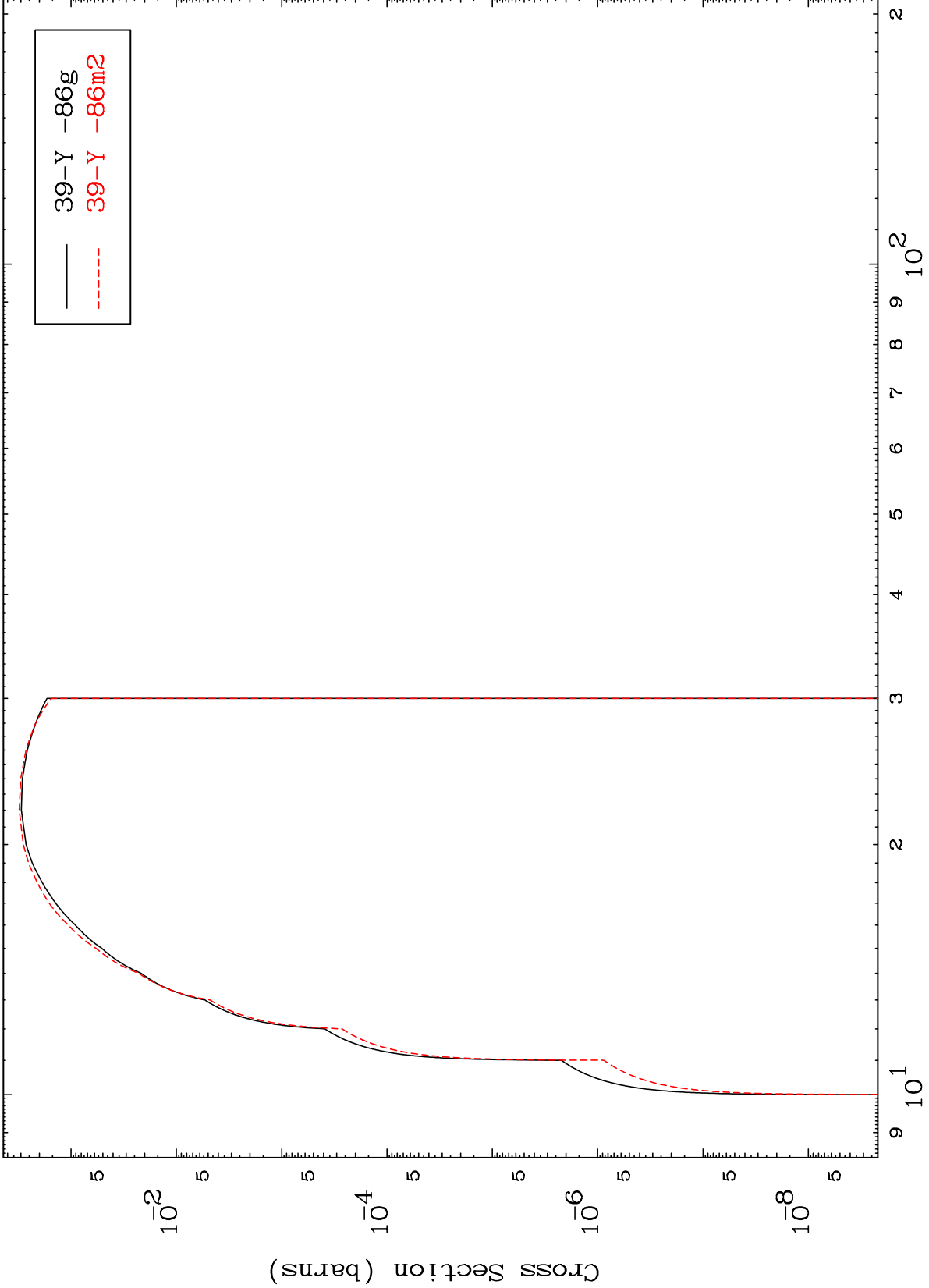


MAT 3916

(n,2n) p

39-Y -86

Radionuclide Production Cross Section



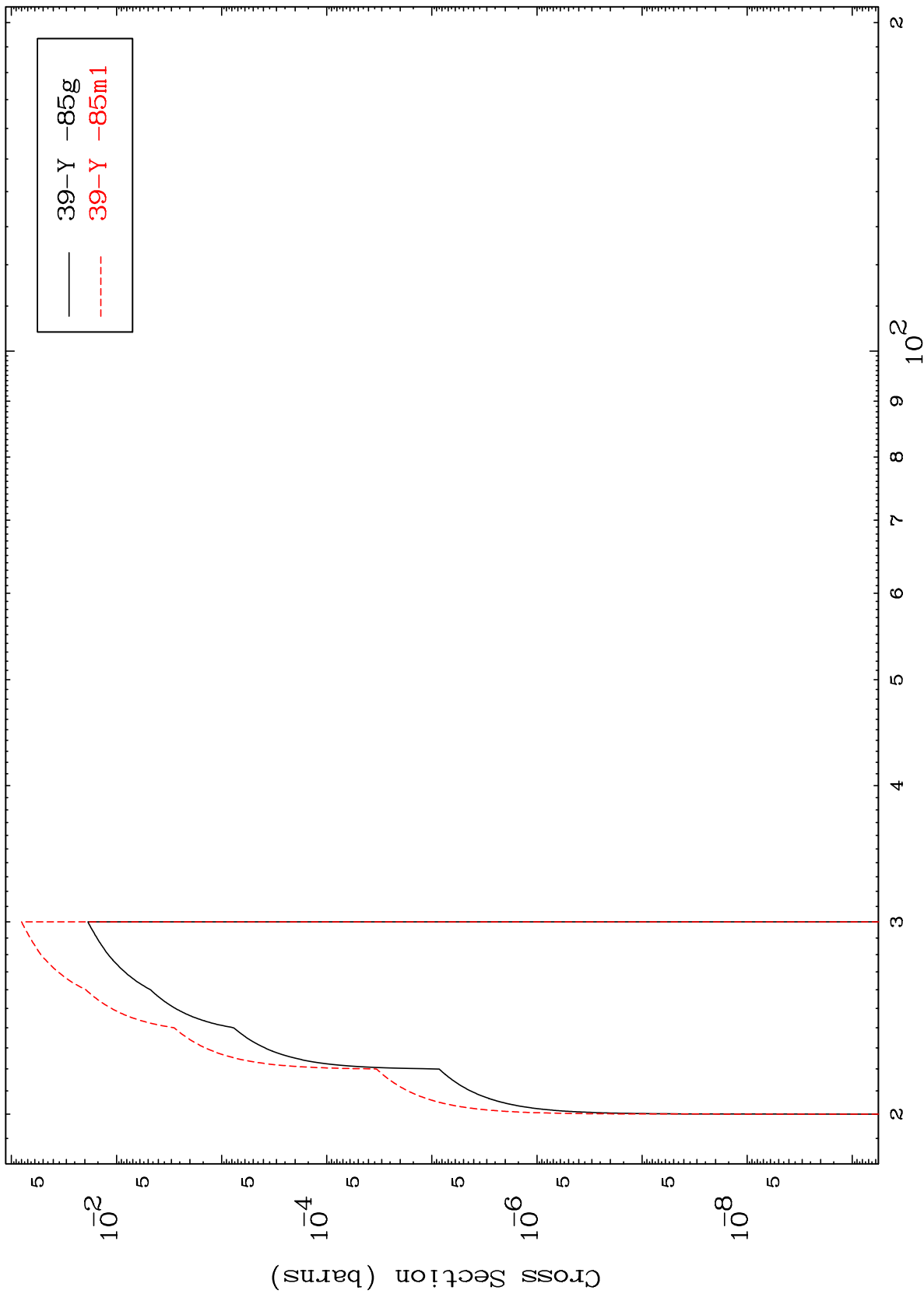
39-Y -86g  
39-Y -86m2

22

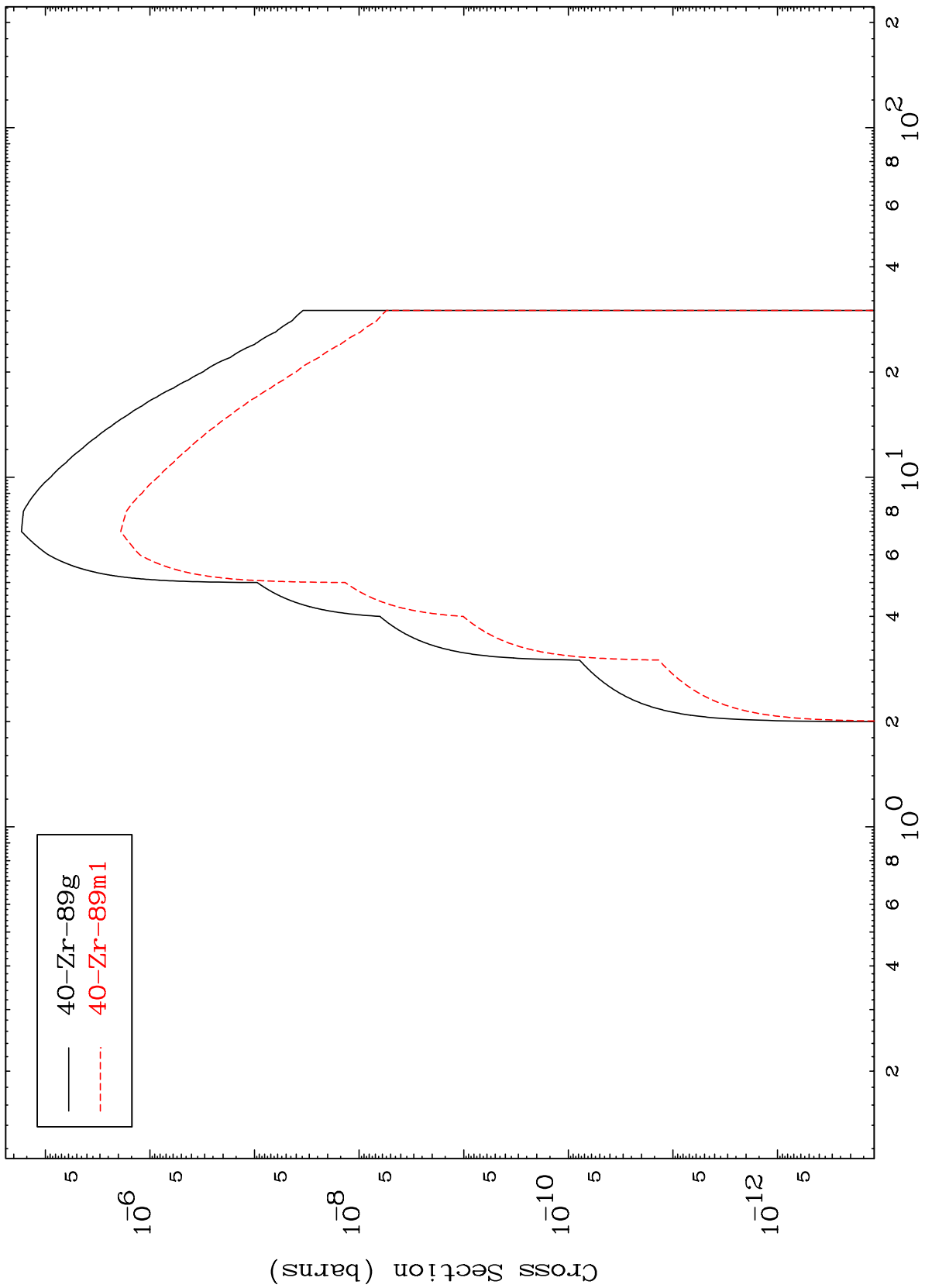
Incident Energy (MeV)

39-Y -86

Radionuclide Production Cross Section



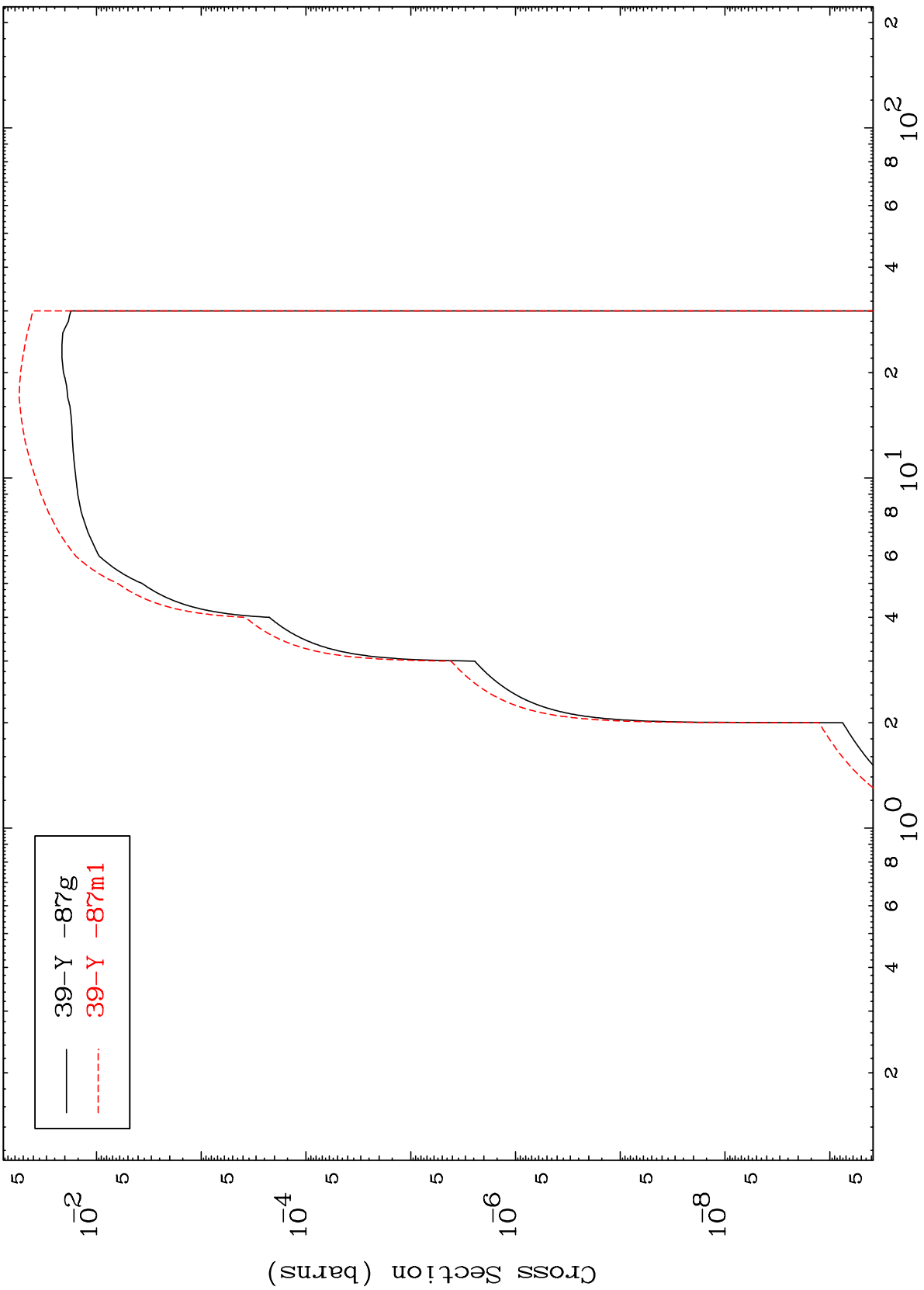
Radionuclide Production Cross Section  
(n,  $\gamma$ )



MAT 3916

39-Y -86

(n,d)  
Radionuclide Production Cross Section



39-Y -86

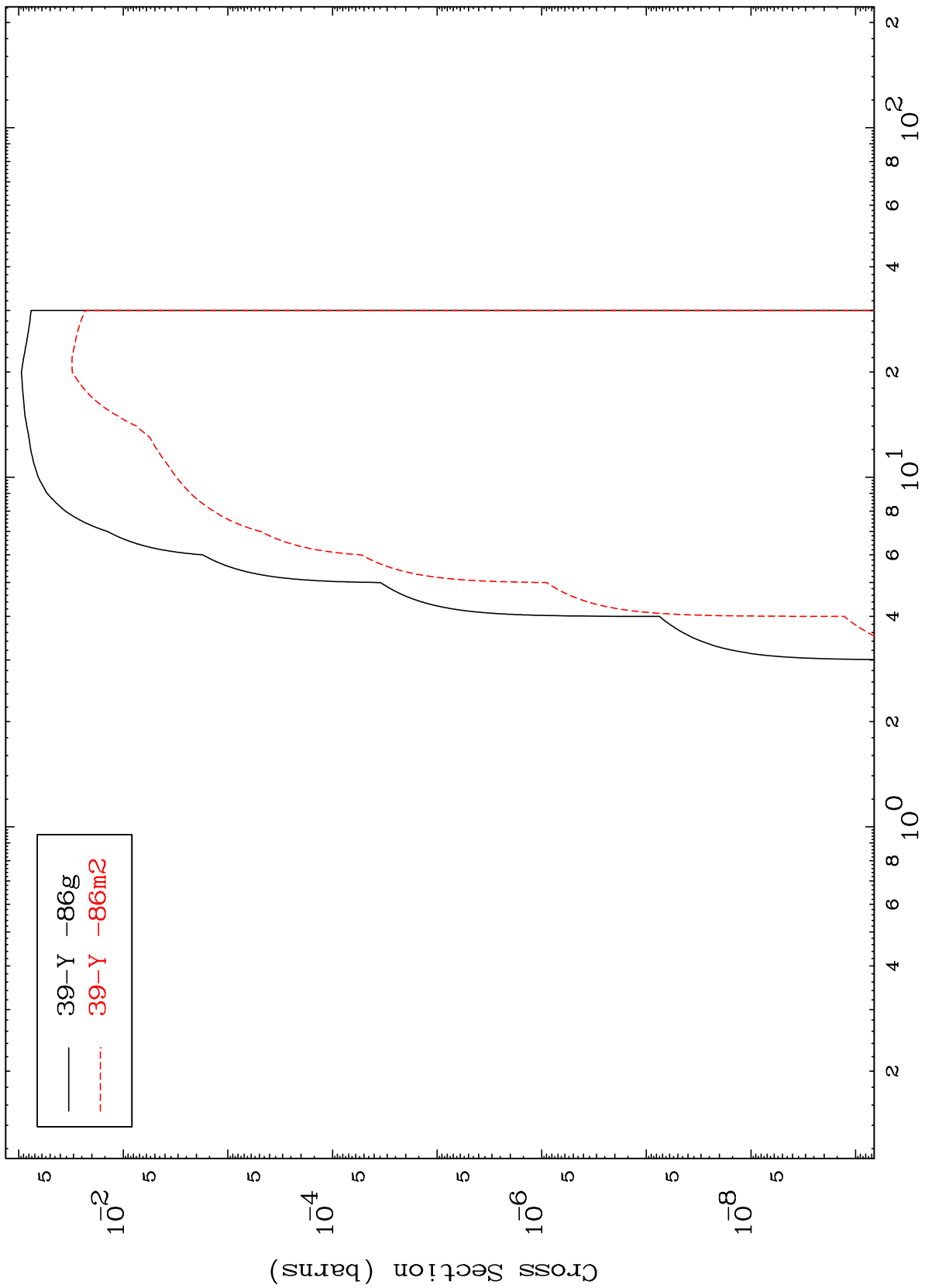
Incident Energy (MeV)

25

MAT 3916

39-Y -86

Radionuclide Production Cross Section (n,t)



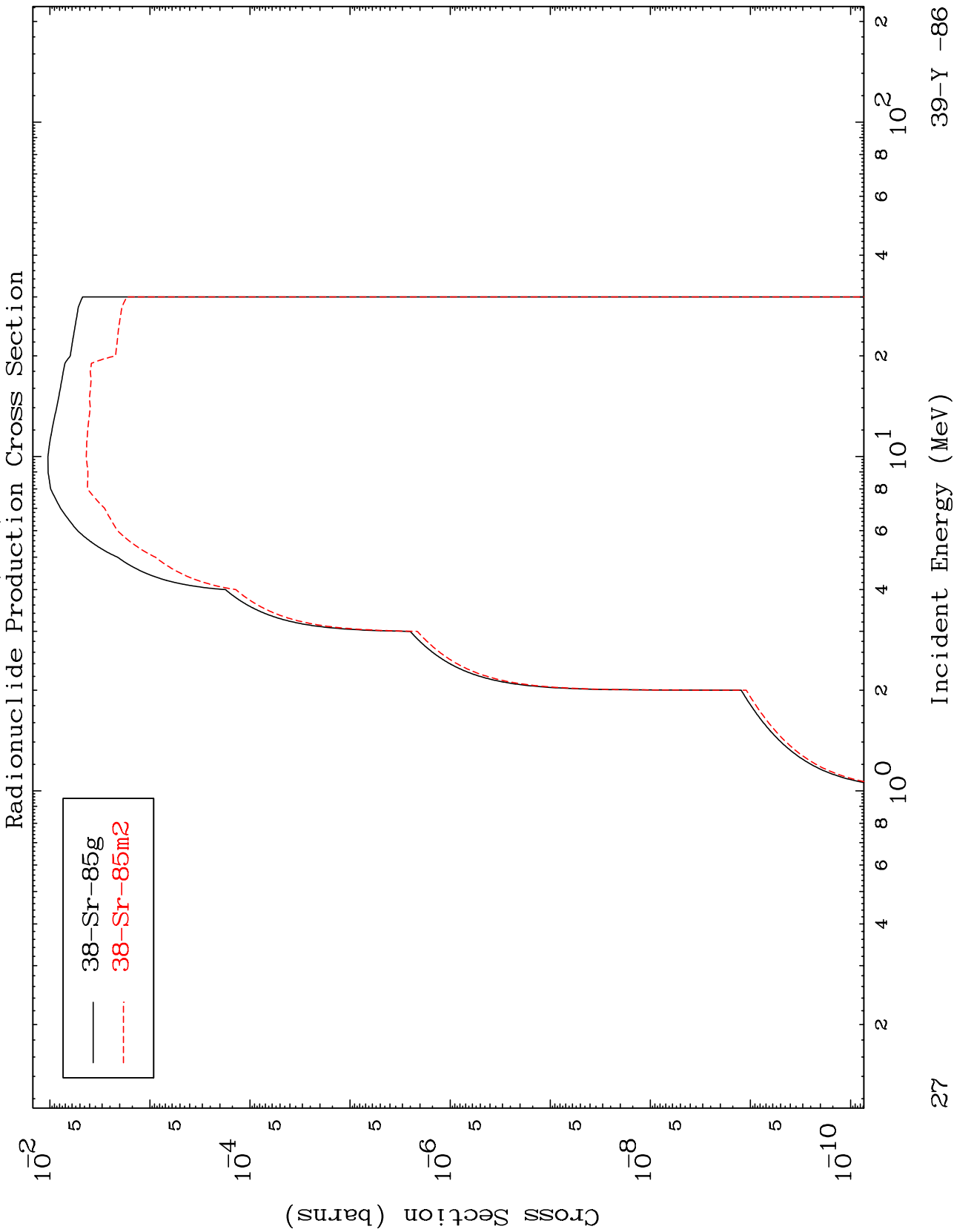
26

39-Y -86

Incident Energy (MeV)

MAT 3916

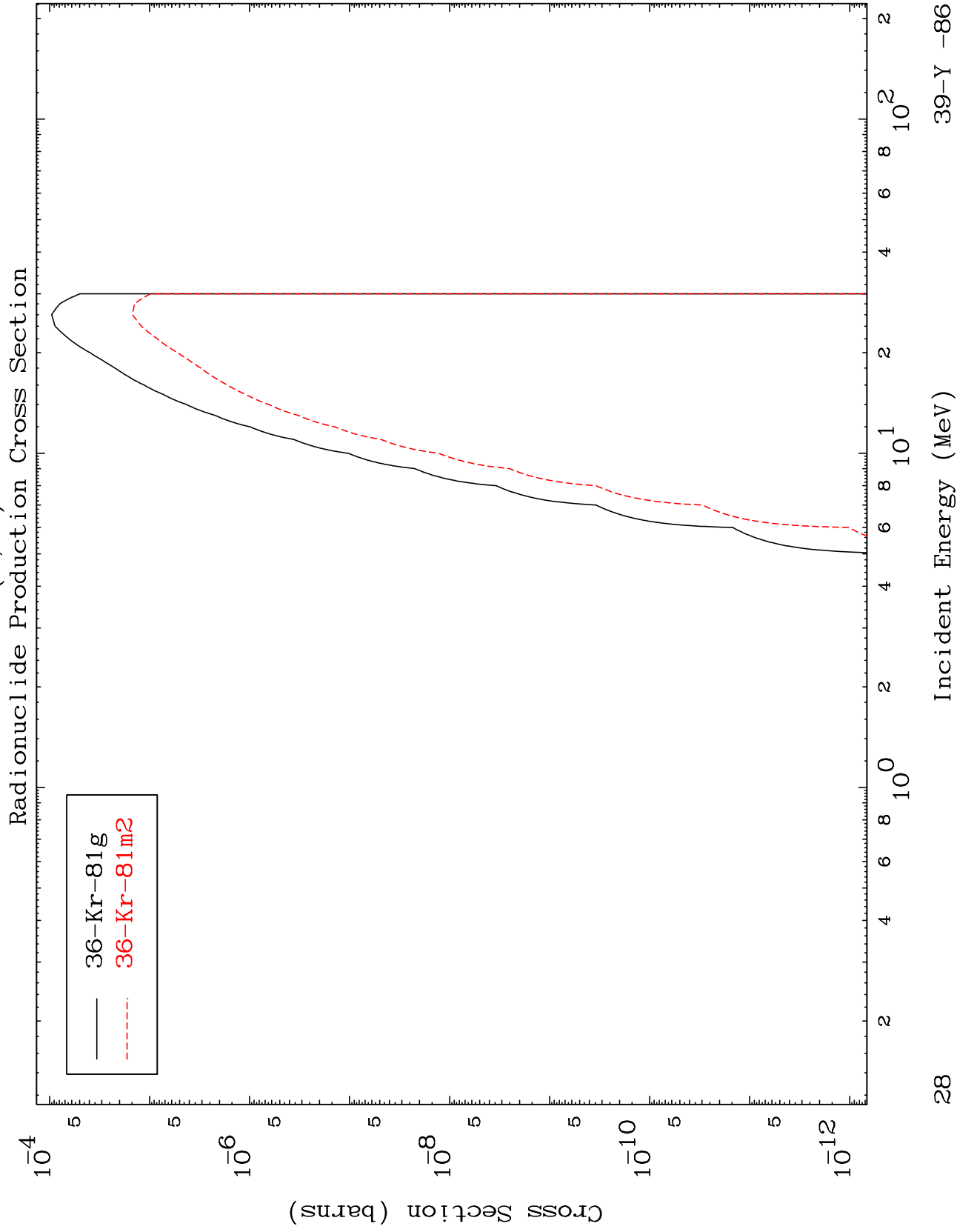
39-Y -86



MAT 3916

(n,2α)

39-Y -86



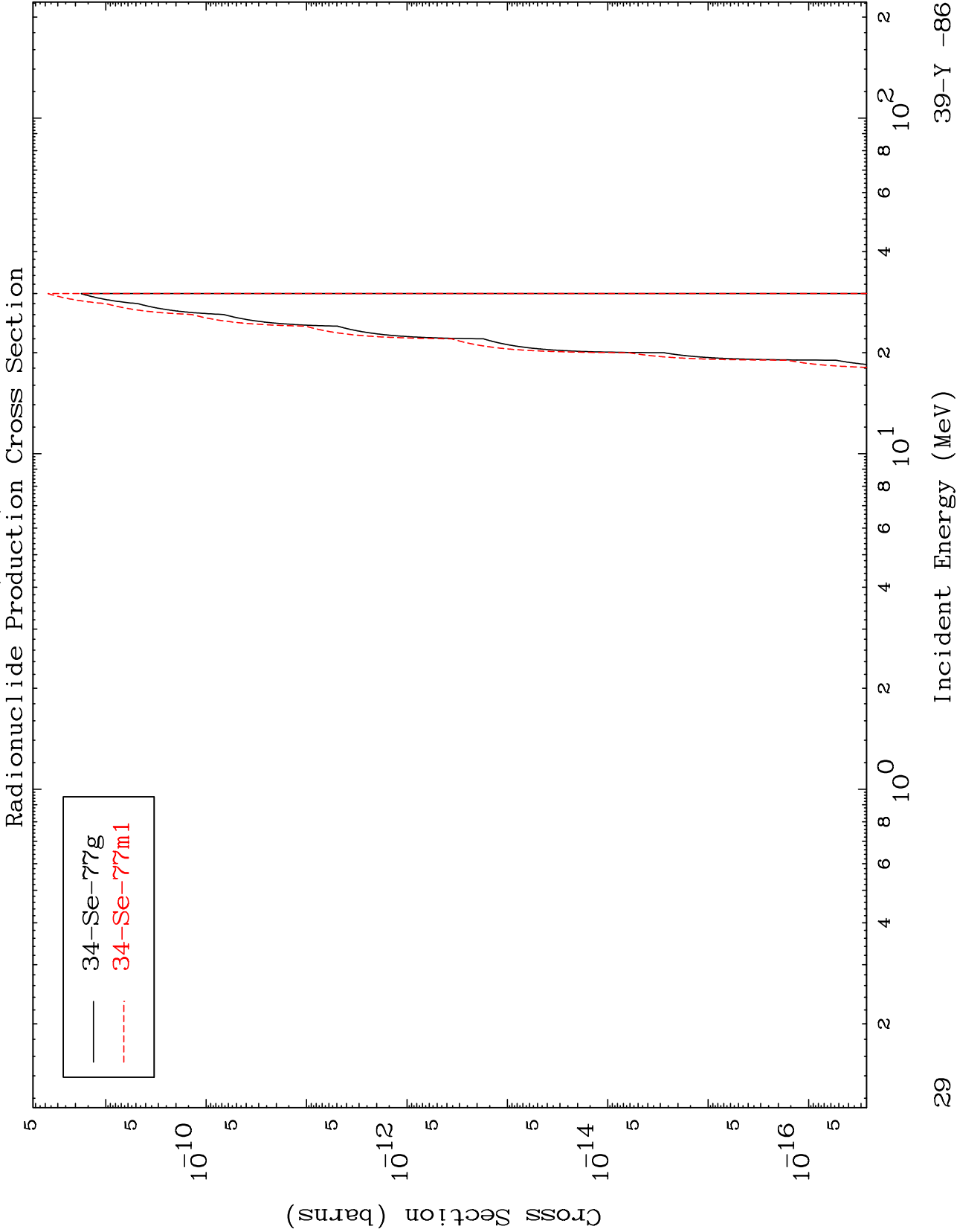
28

39-Y -86

MAT 3916

(n,3 $\alpha$ )

39-Y -86



29

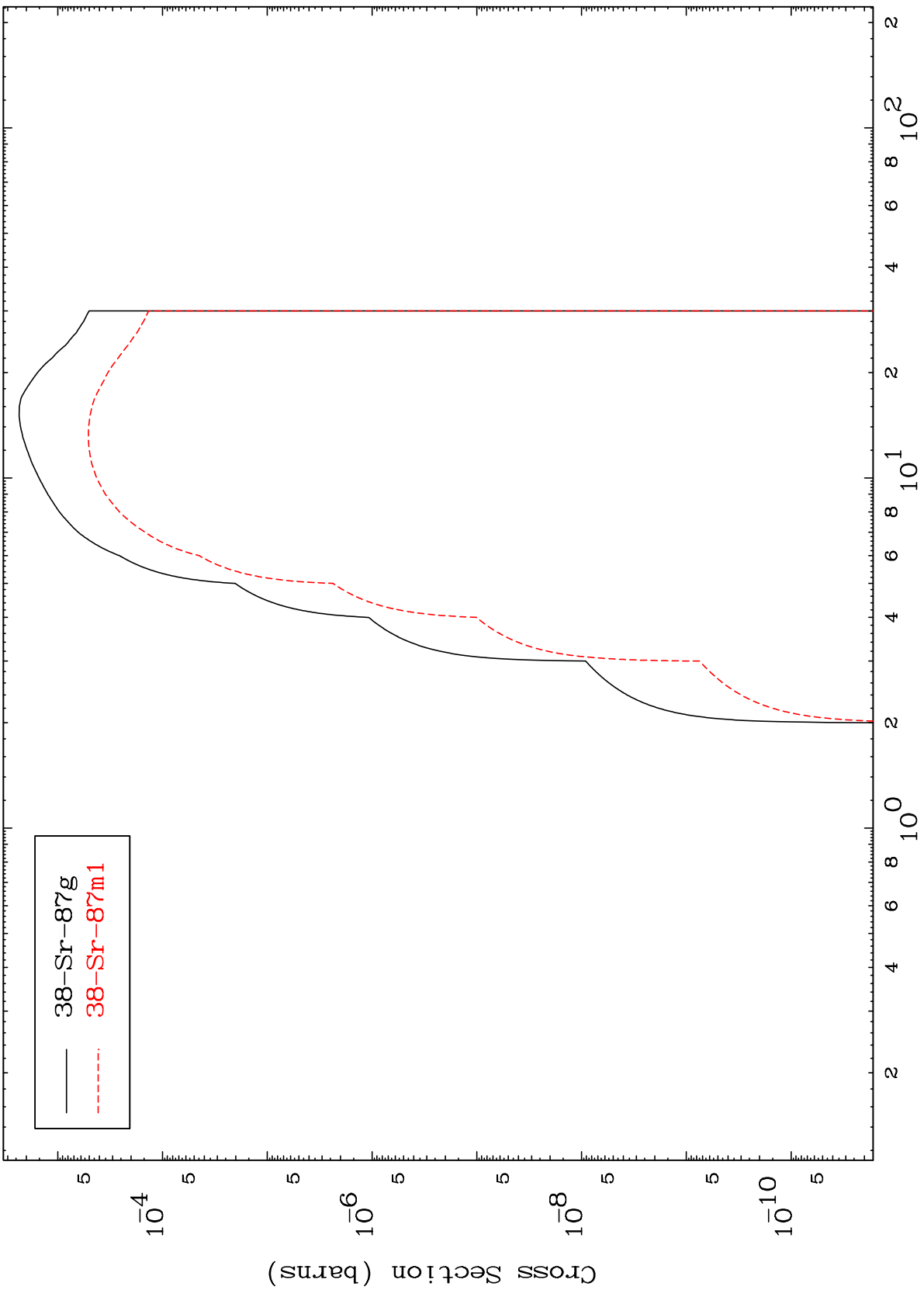
Incident Energy (MeV)

39-Y -86

MAT 3916

39-Y -86

Radionuclide Production Cross Section



30

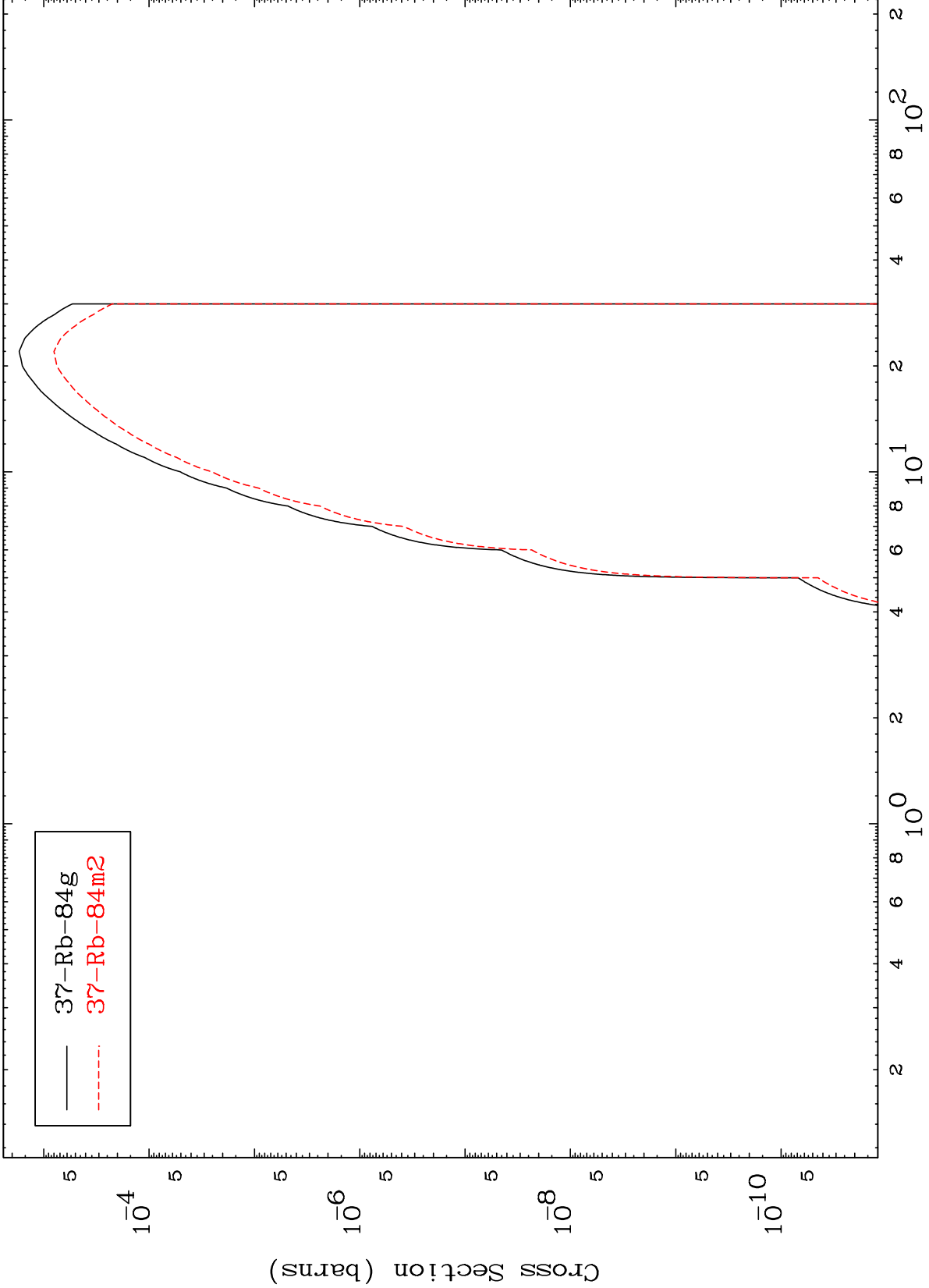
39-Y -86

MAT 3916

(n,p)  $\alpha$

39-Y -86

Radionuclide Production Cross Section



31

Incident Energy (MeV)

39-Y -86

Radionuclide Production Cross Section

