

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

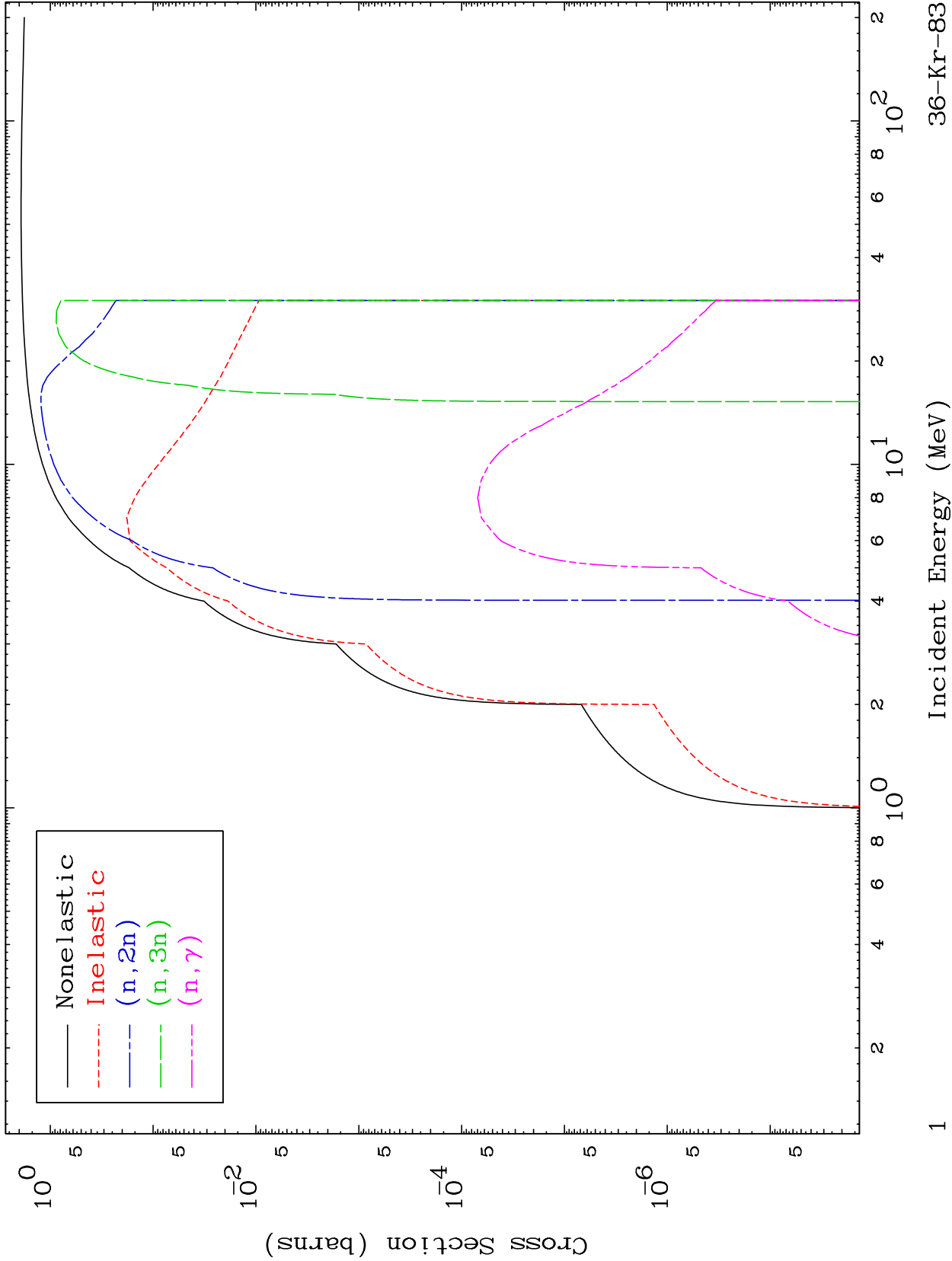
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

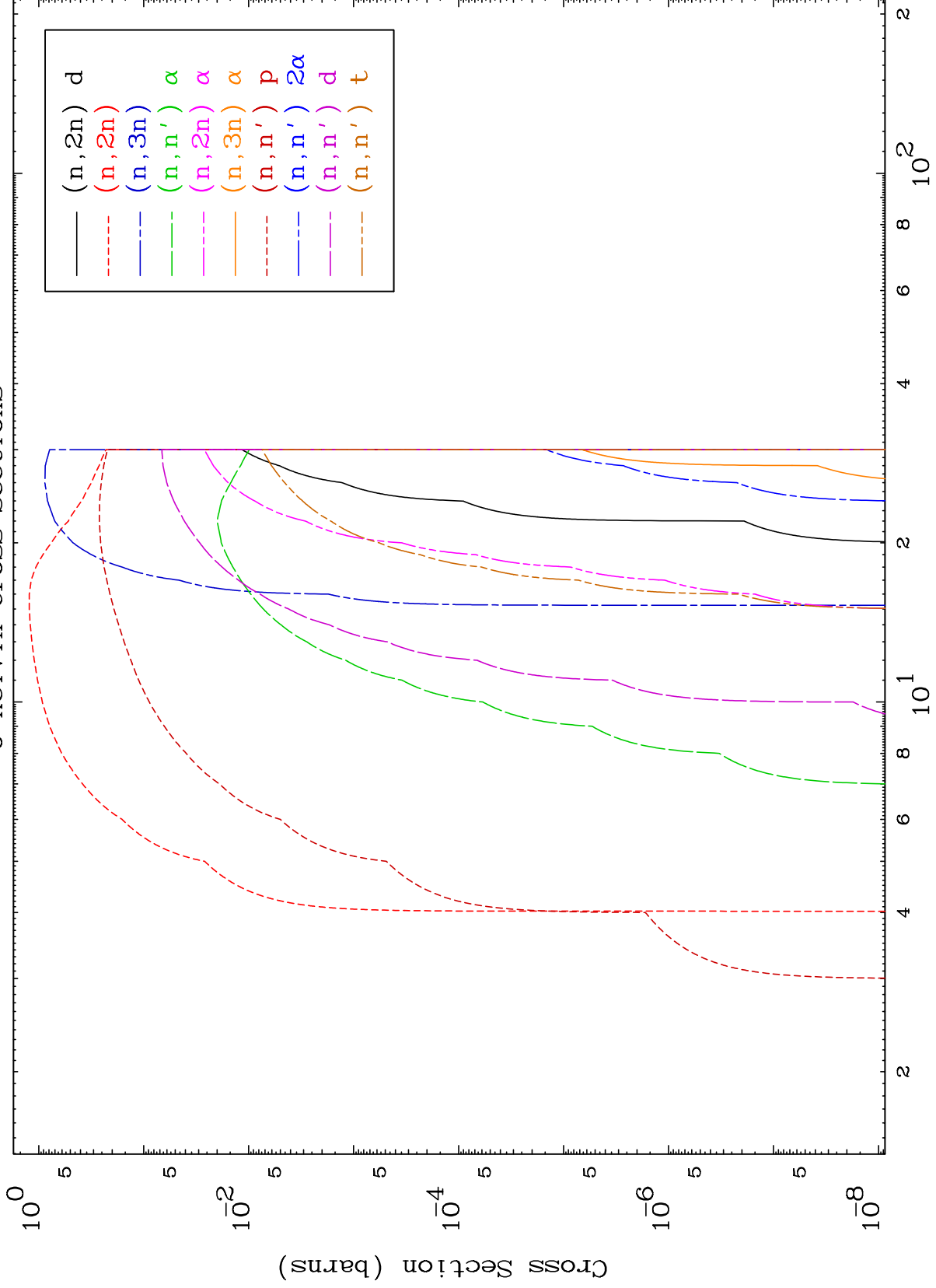
Tele: 925-443-1911

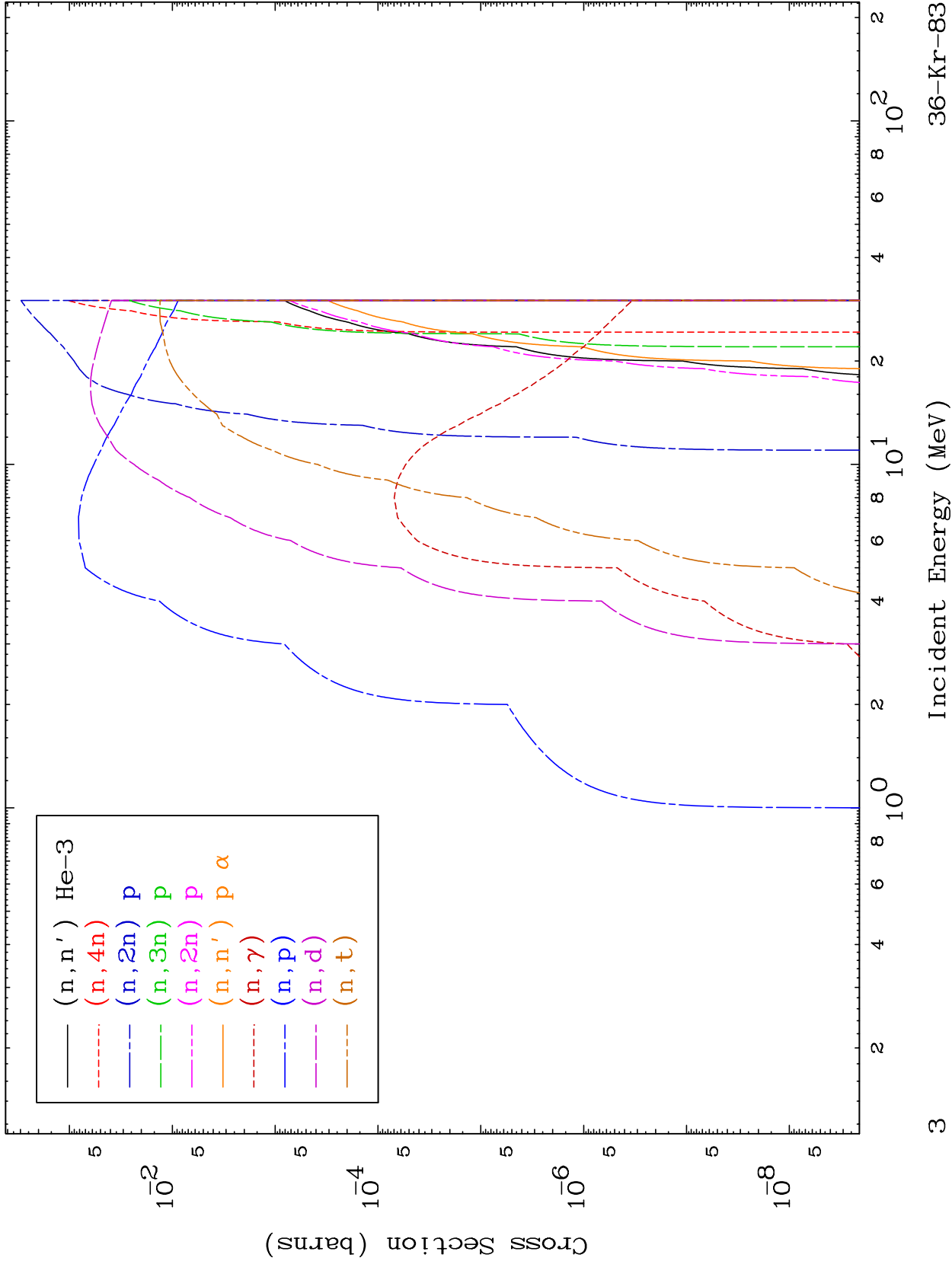
E.Mail:redcullen1@comcast.net

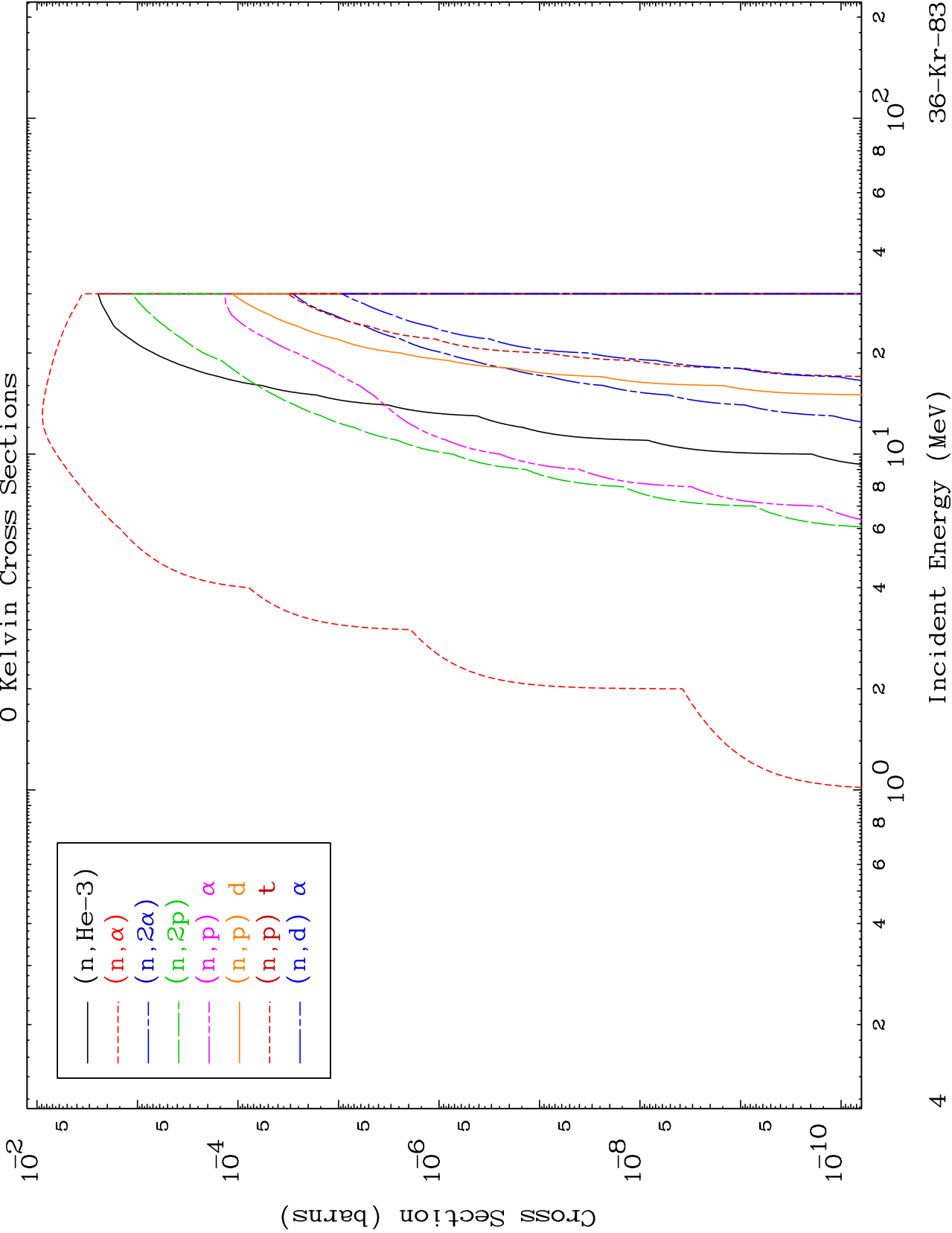
Web:redcullen1.net/HOMEPAGE.NEW

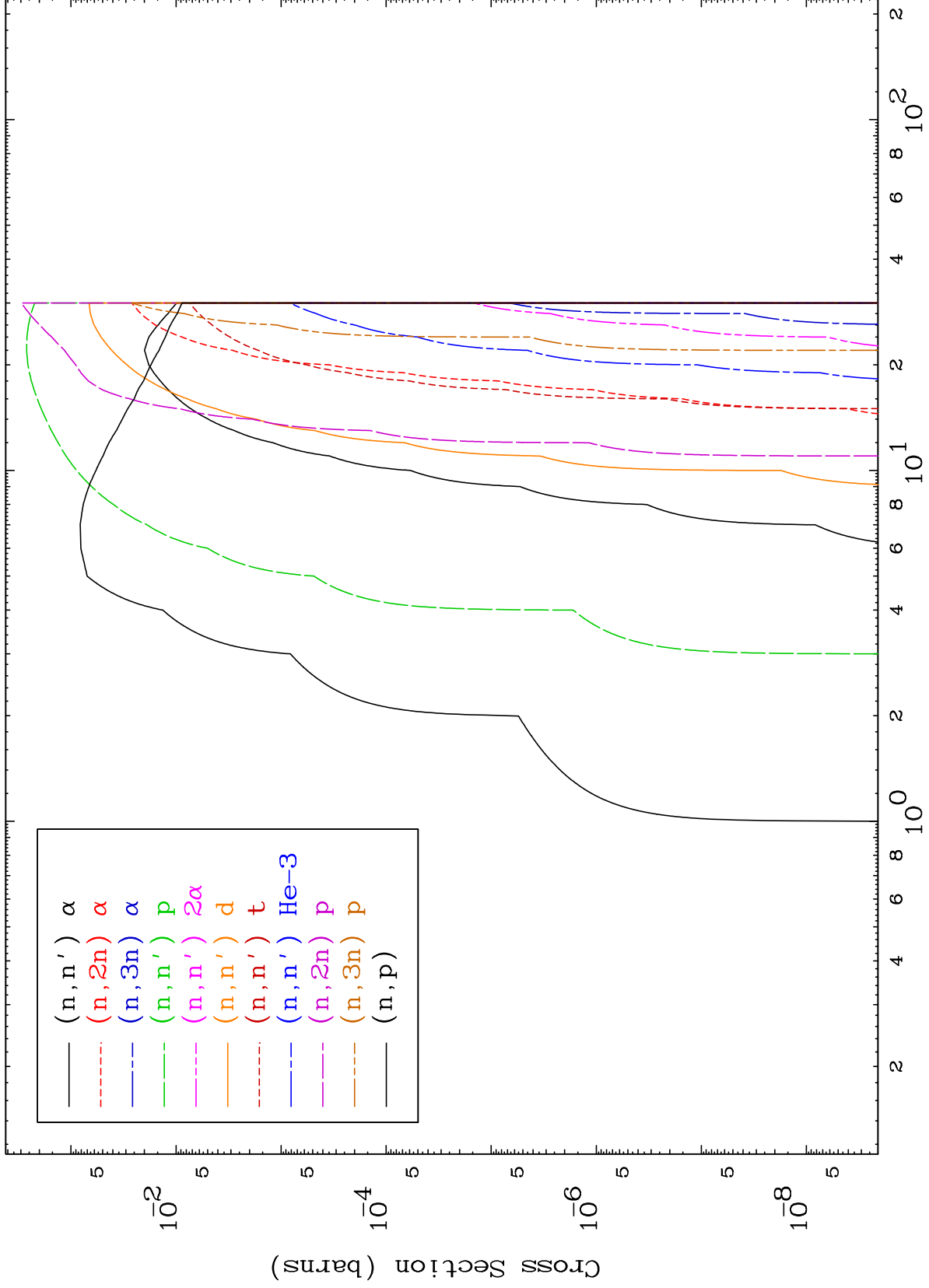
Press Mouse Button to Start

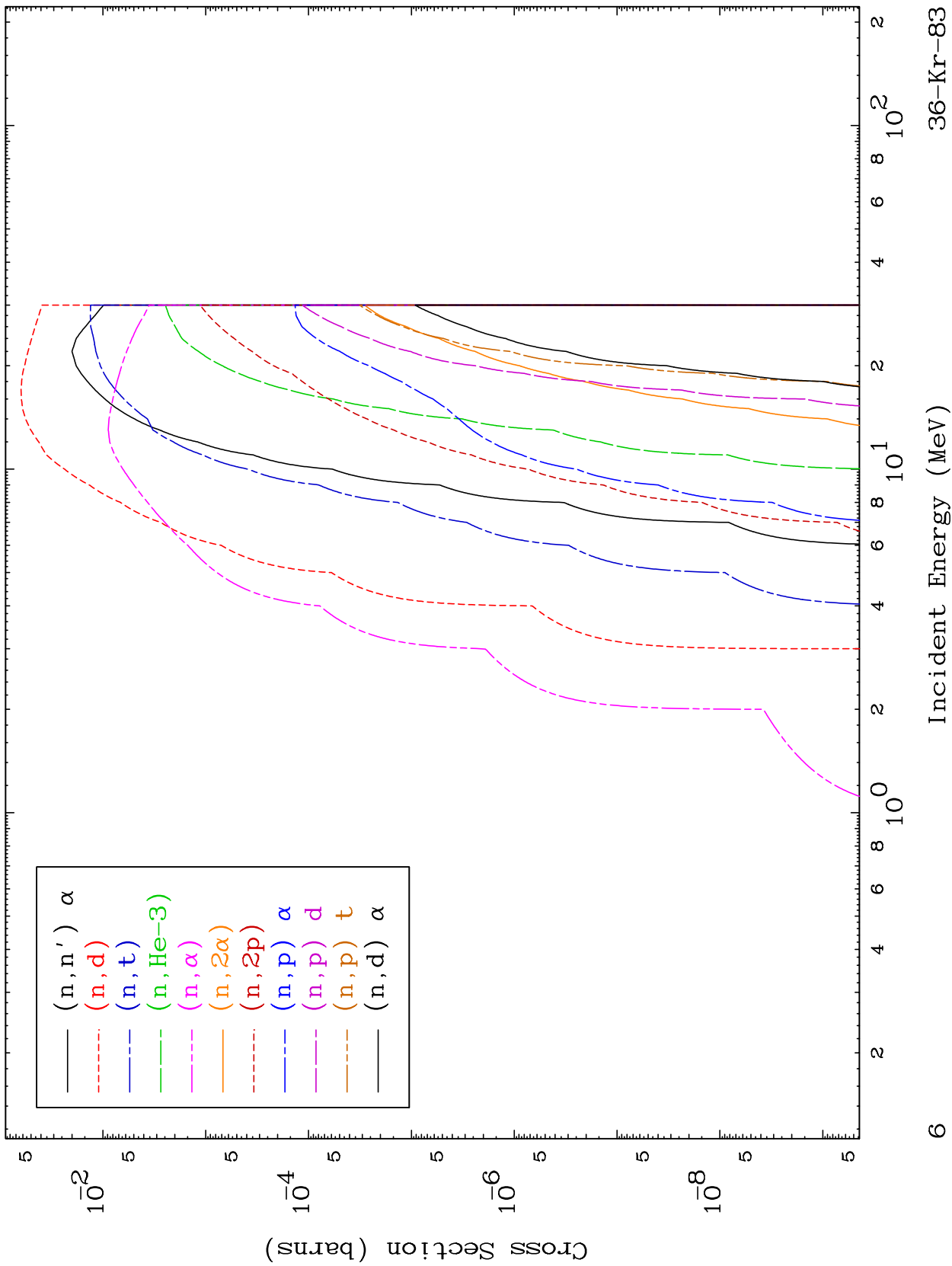








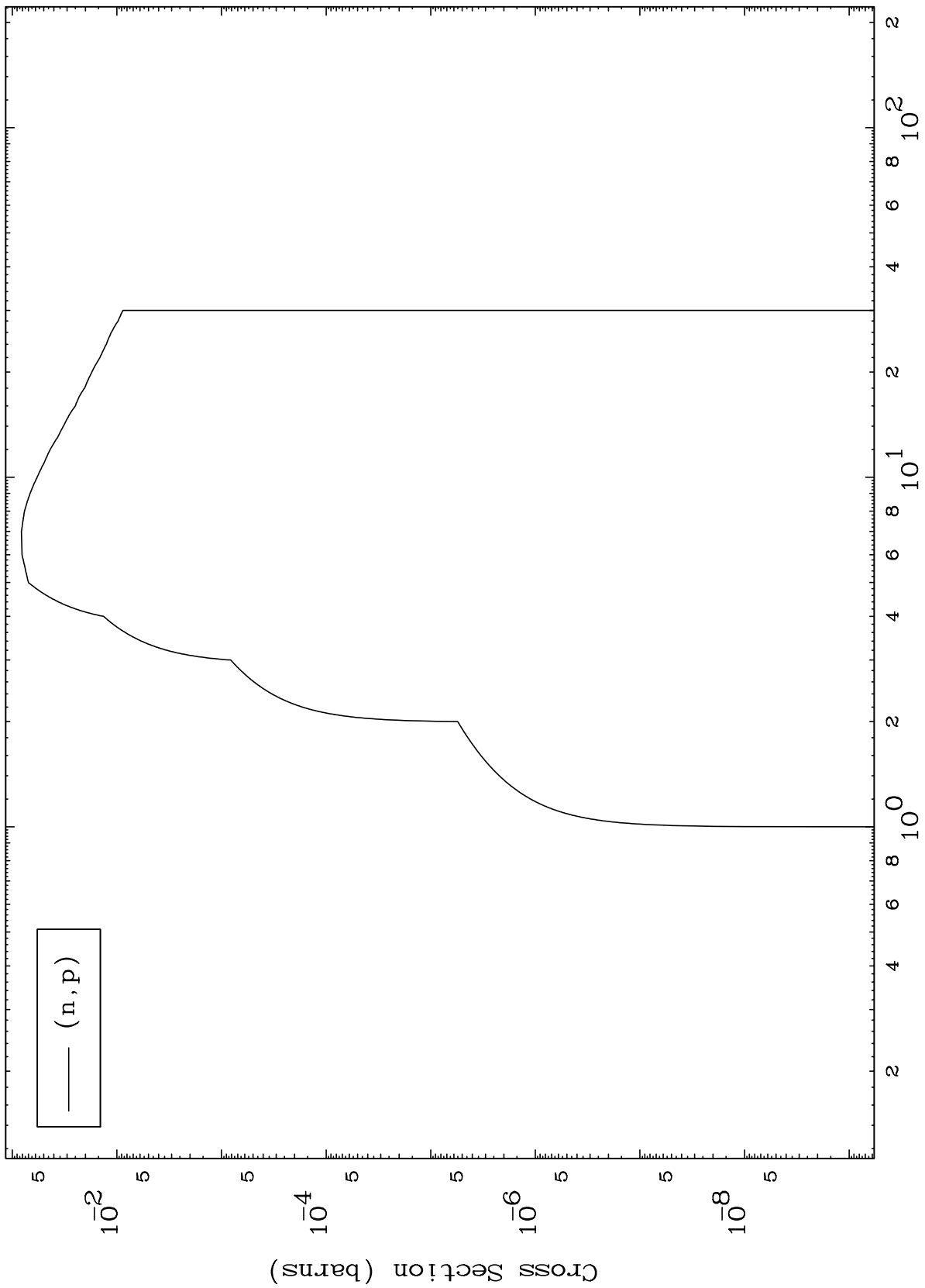




MAT 3640

36-Kr-83

(d,p) Levels  
0 Kelvin Cross Sections



36-Kr-83

Incident Energy (MeV)

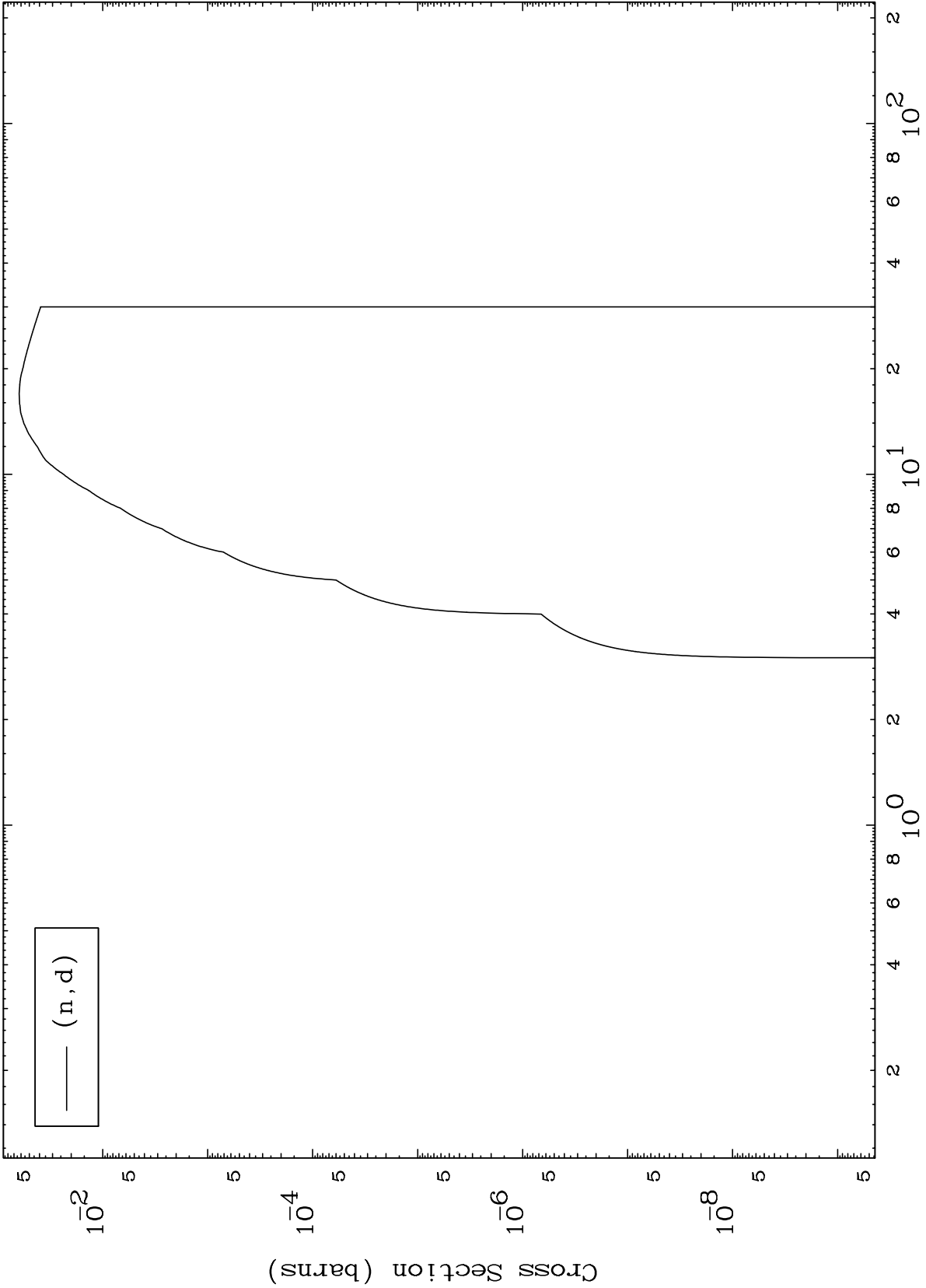


MAT 3640

(d,d) Levels

36-Kr-83

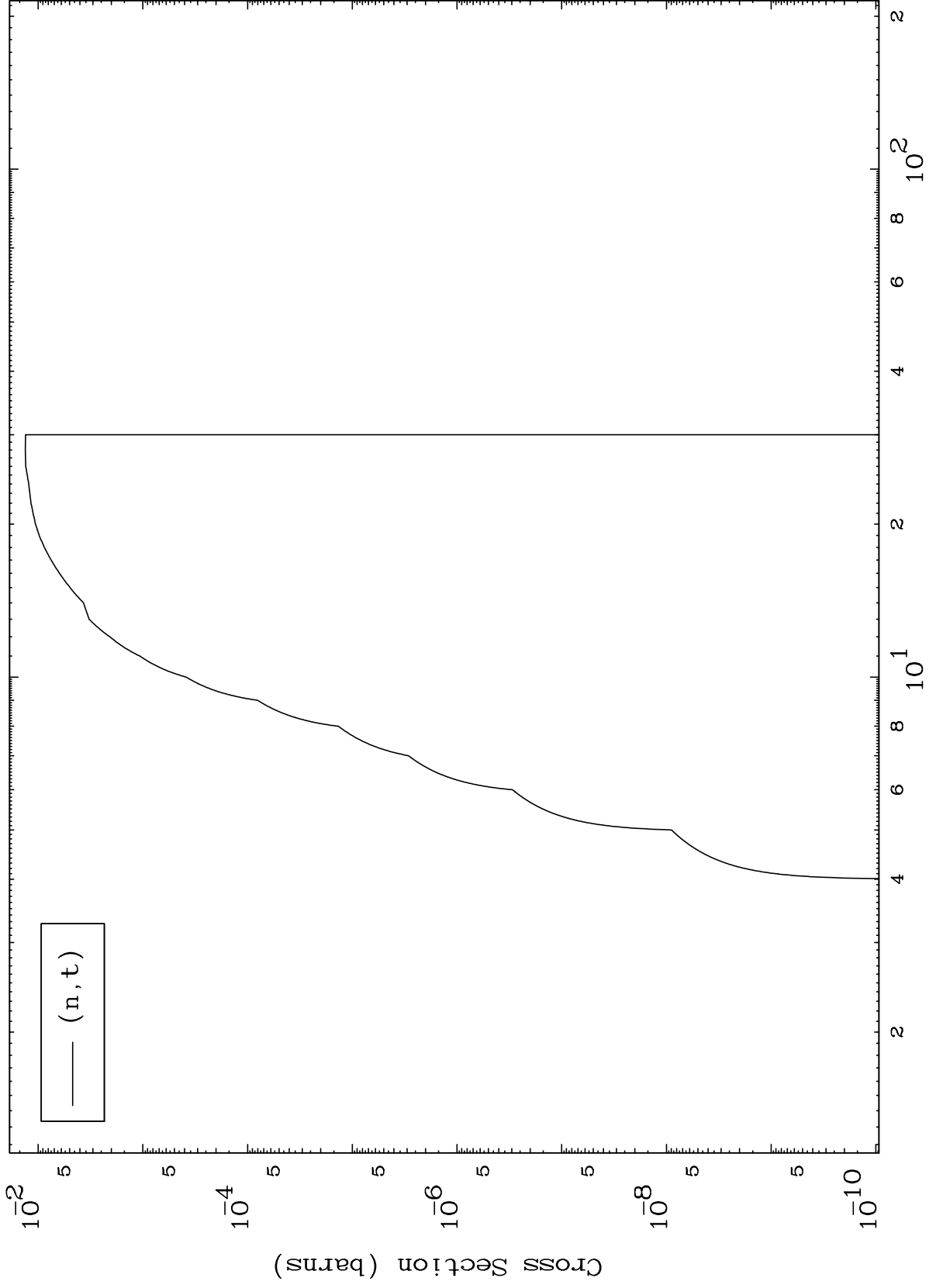
0 Kelvin Cross Sections



MAT 3640

36-Kr-83

(d,t) Levels  
0 Kelvin Cross Sections



9

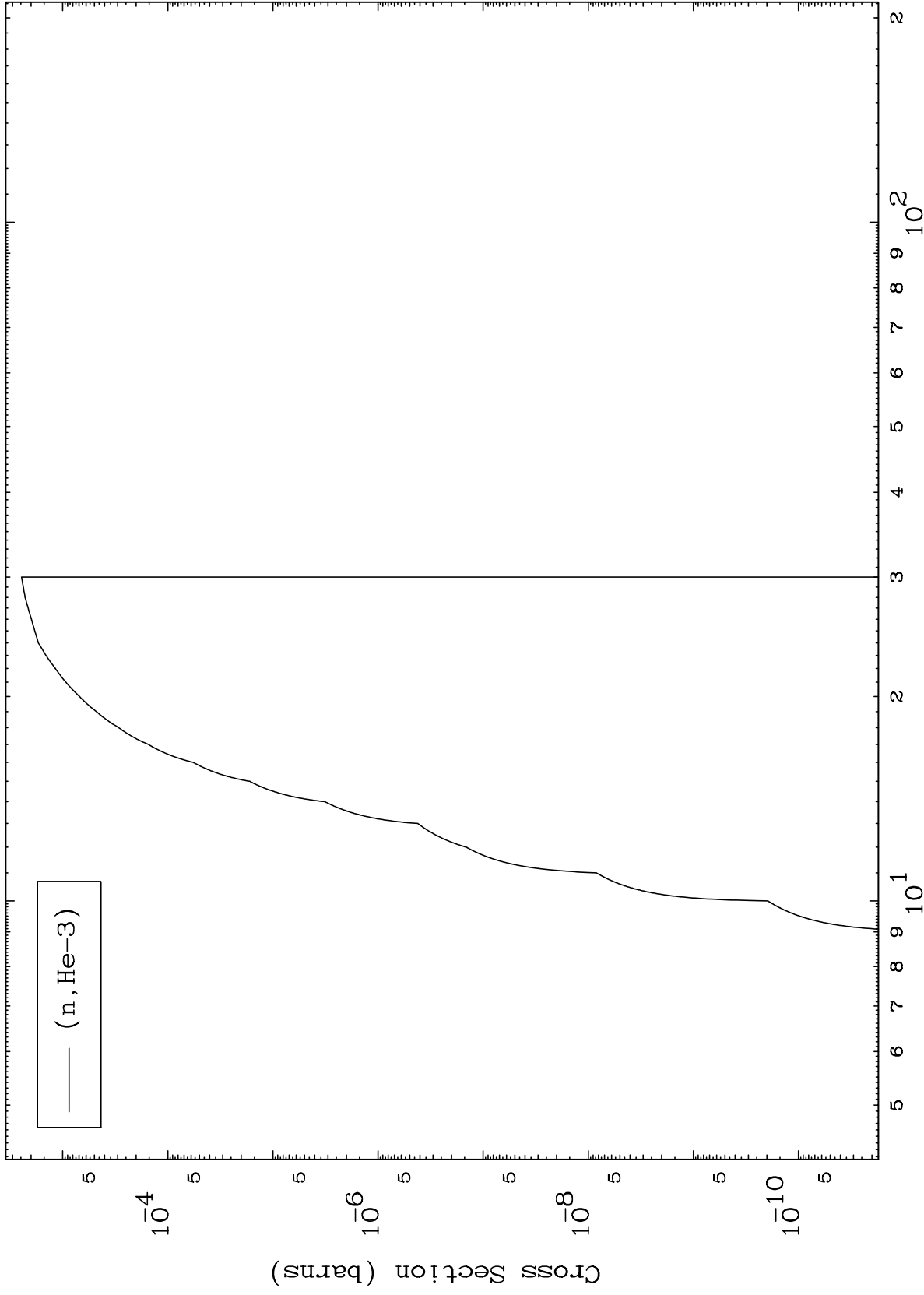
Incident Energy (MeV)

36-Kr-83

MAT 3640

(d,He3) Levels  
0 Kelvin Cross Sections

36-Kr-83



10

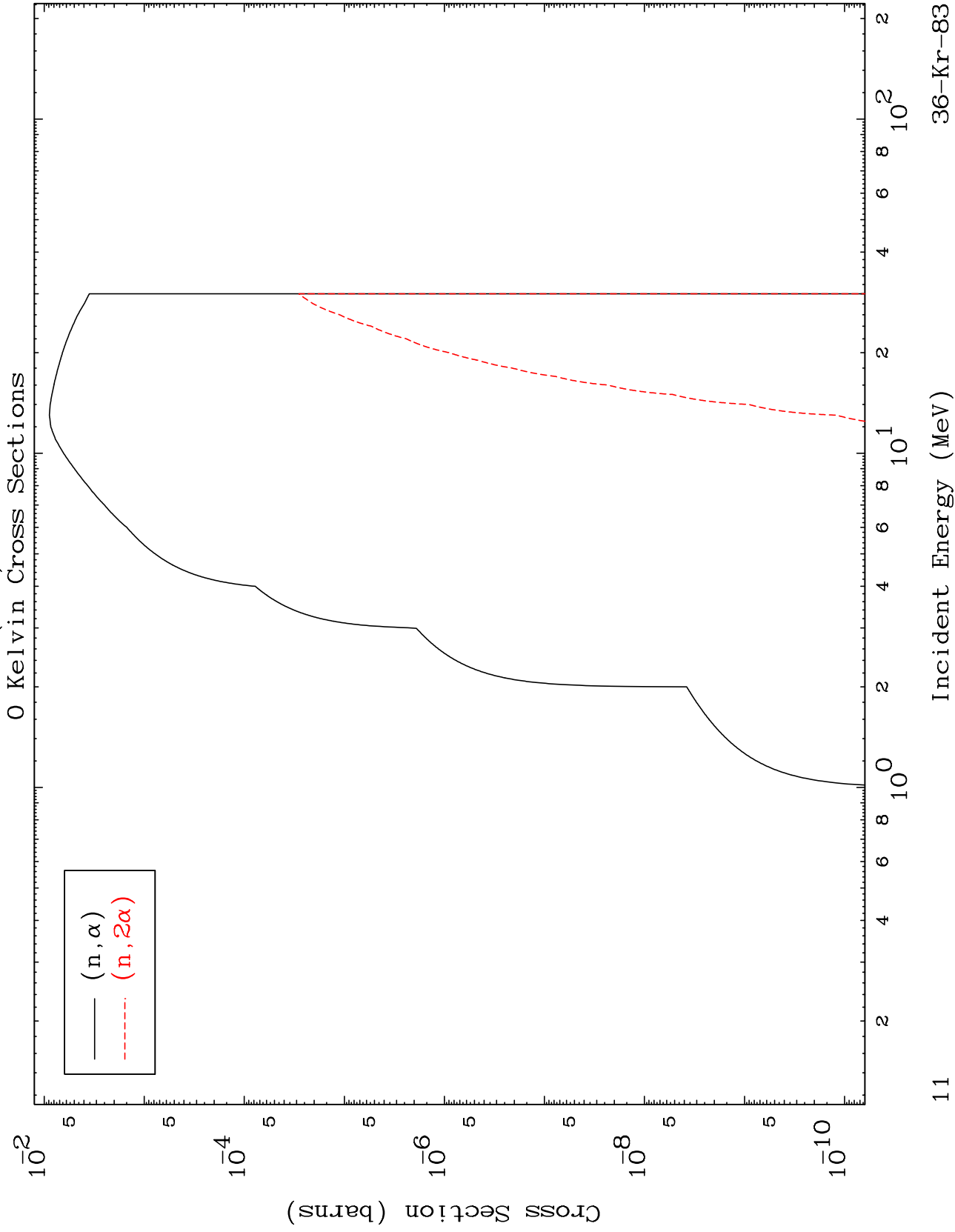
Incident Energy (MeV)

36-Kr-83

MAT 3640

(d,  $\alpha$ ) Levels

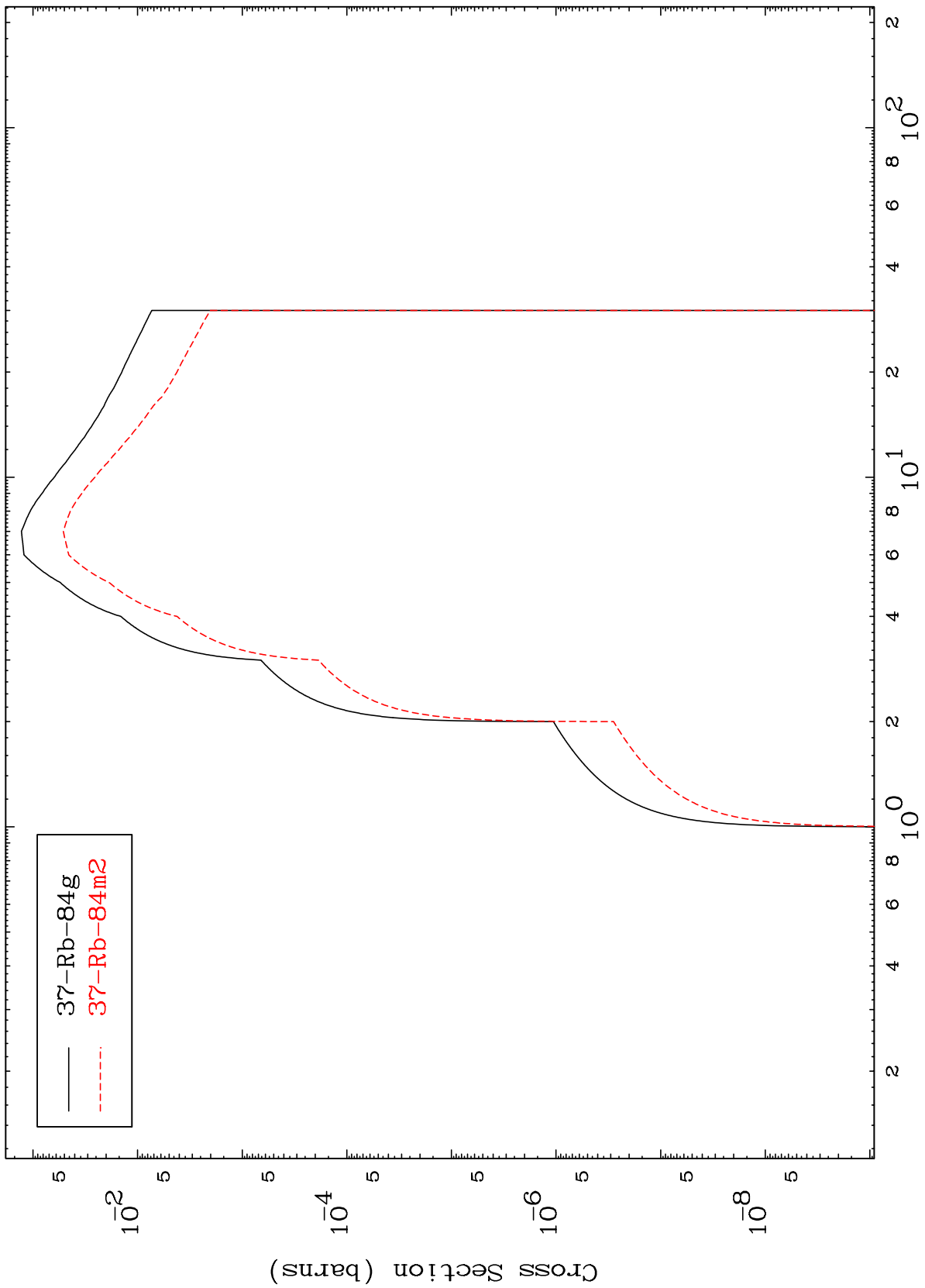
36-Kr-83



MAT 3640

36-Kr-83

Radionuclide Production Cross Section

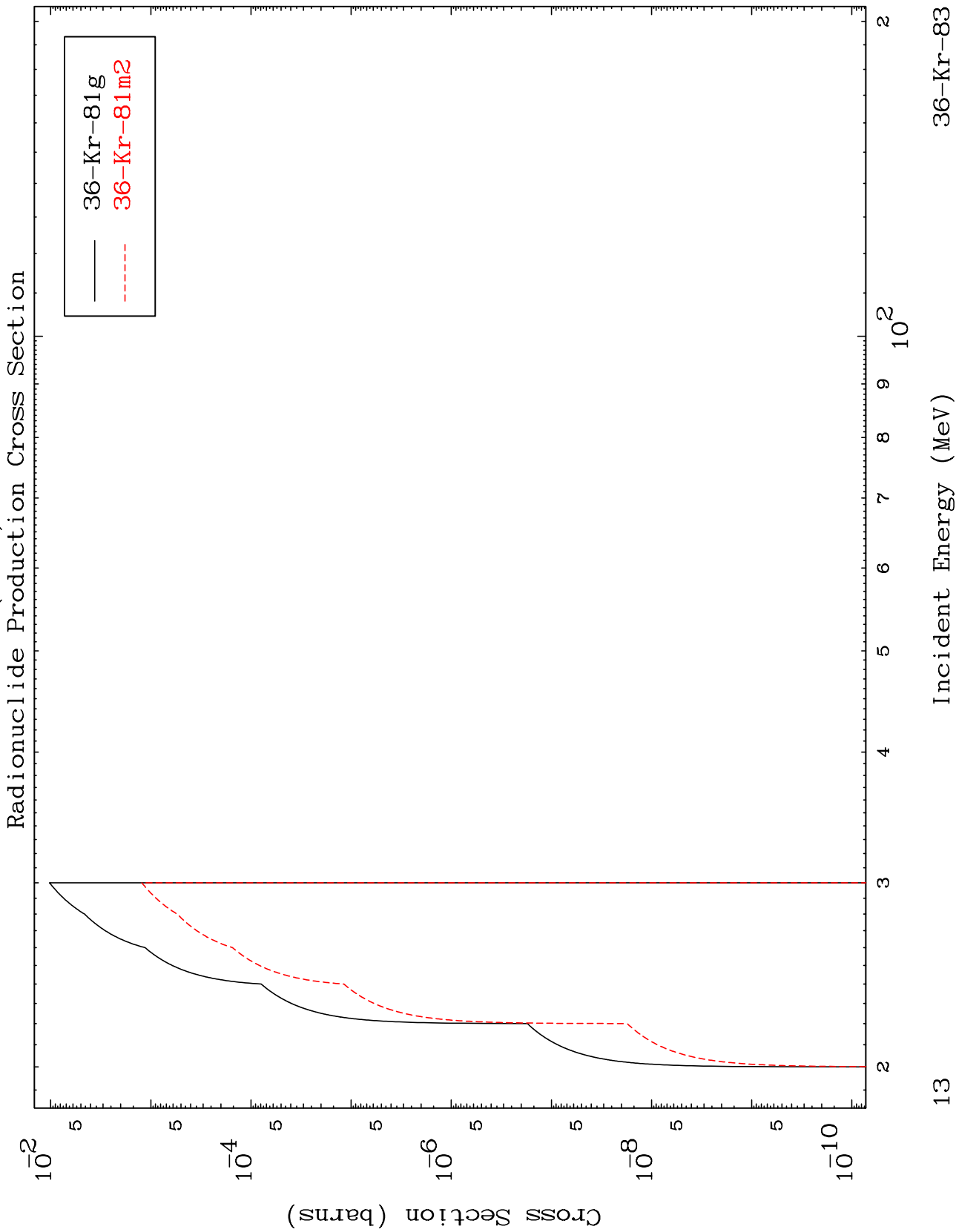


— 37-Rb-84g  
- - - 37-Rb-84m2

MAT 3640

(n,2n) d

36-Kr-83



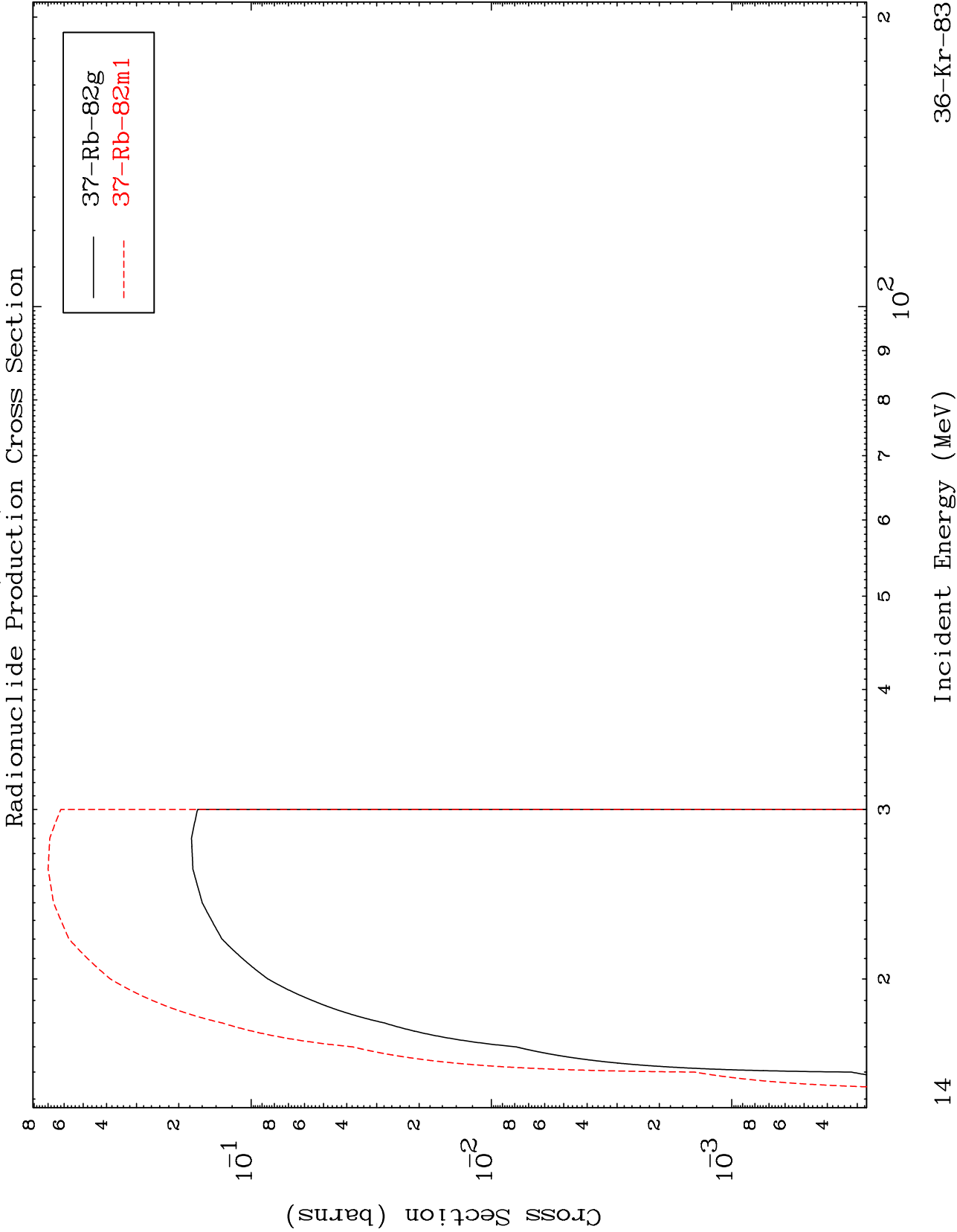
13

36-Kr-83

MAT 3640

(n,3n)

36-Kr-83



14

Incident Energy (MeV)

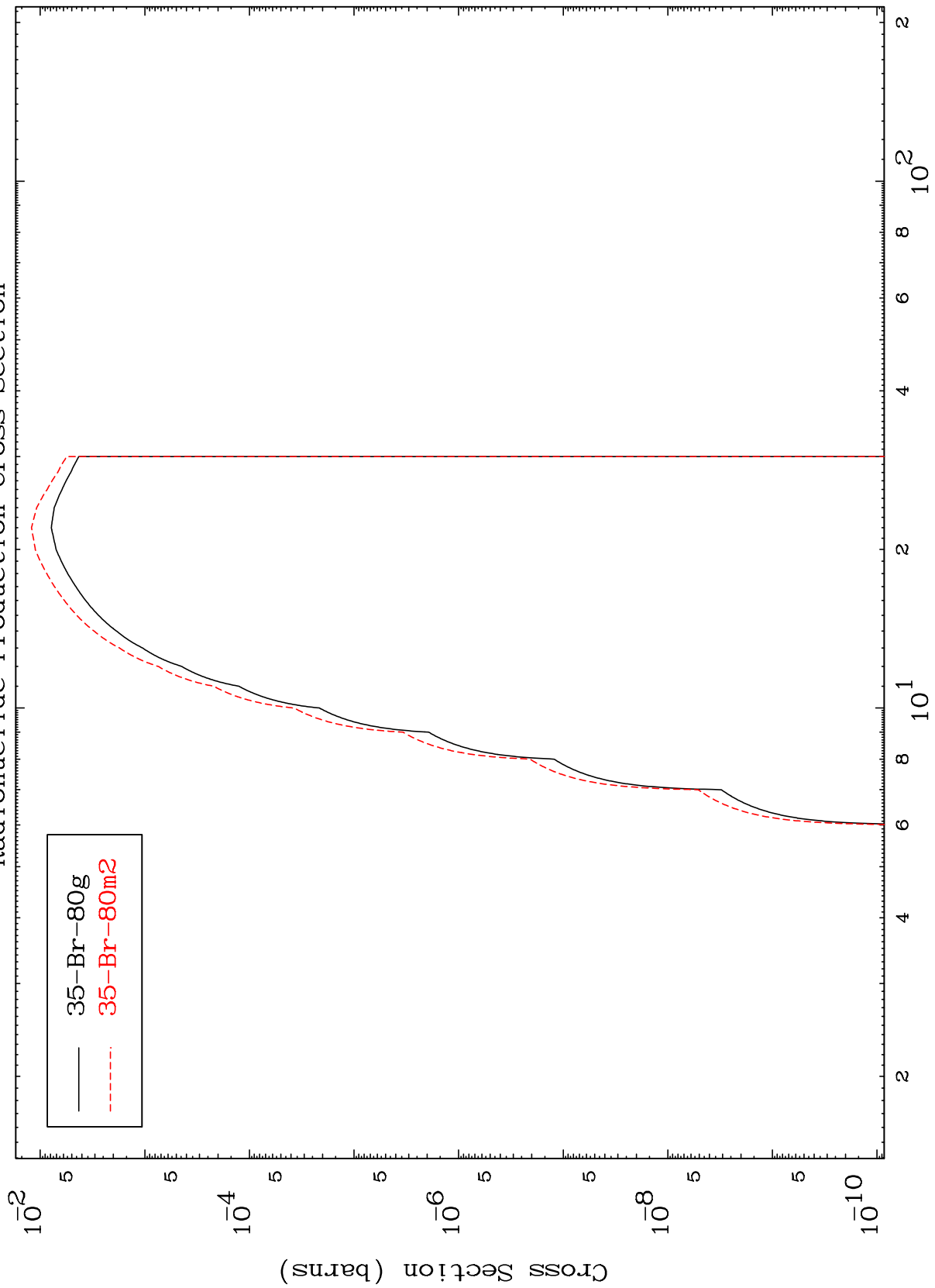
36-Kr-83

MAT 3640

$(n, n') \alpha$

36-Kr-83

Radionuclide Production Cross Section



15

Incident Energy (MeV)

36-Kr-83

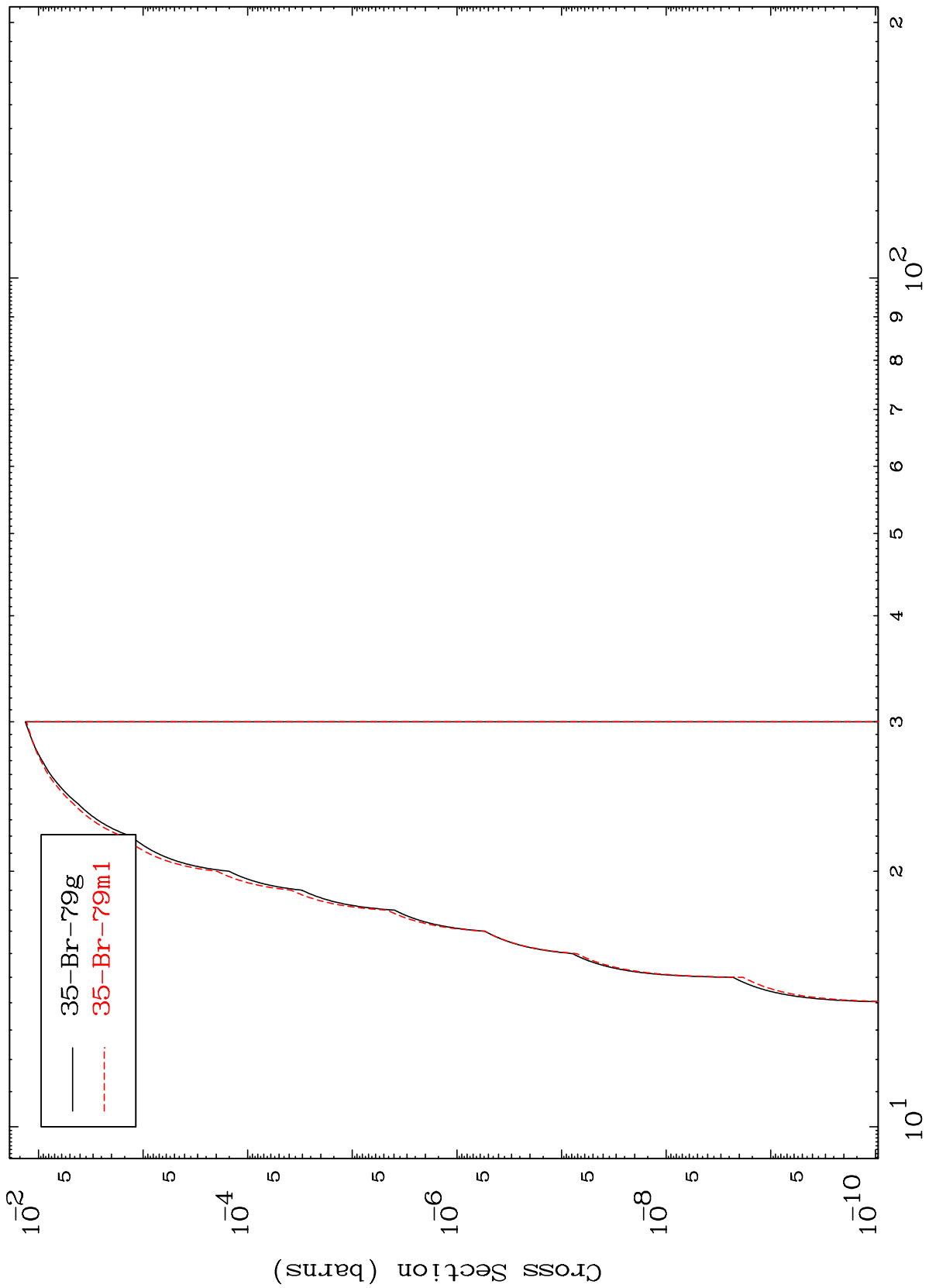


MAT 3640

$(n,2n) \alpha$

36-Kr-83

Radionuclide Production Cross Section



16

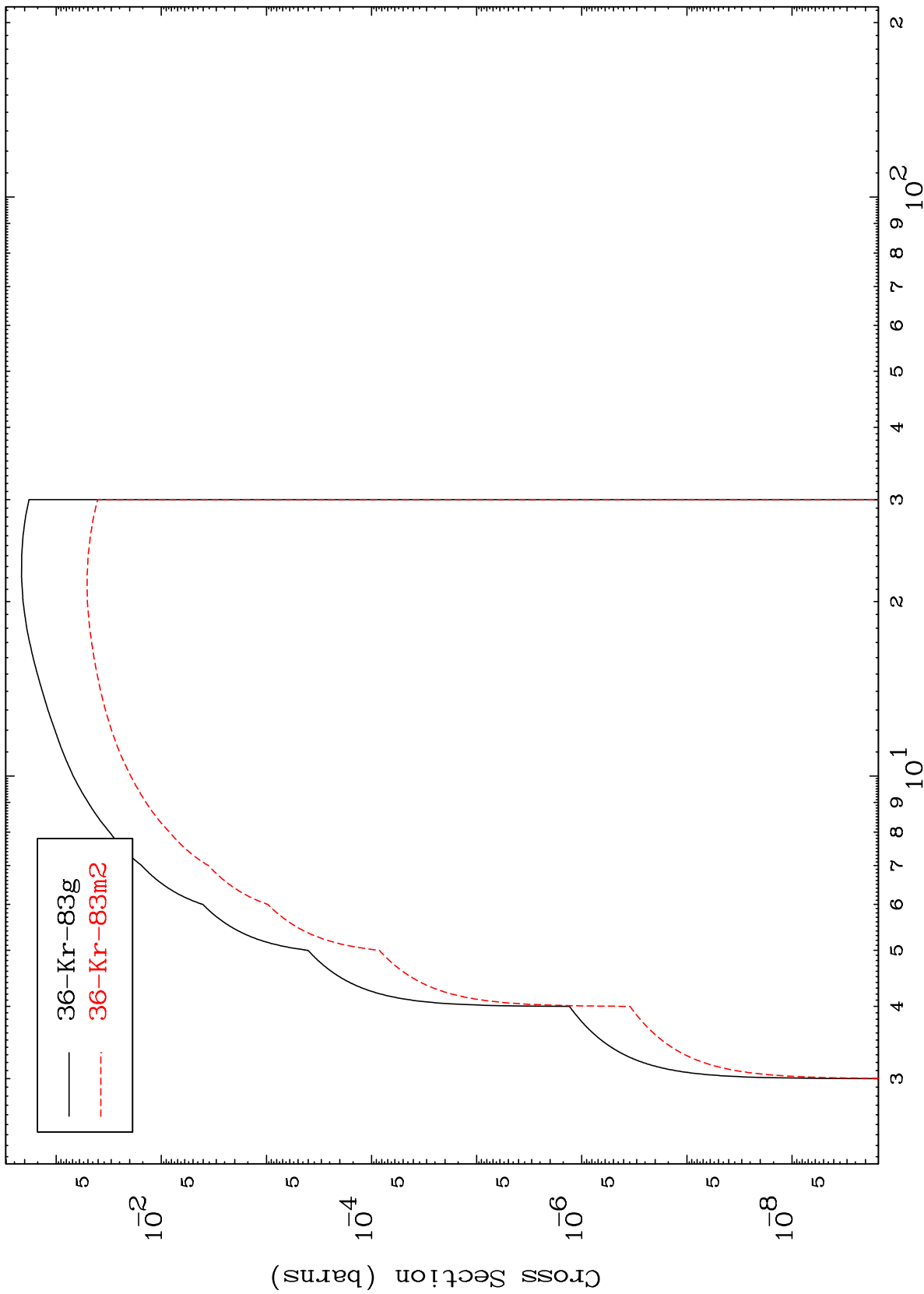
Incident Energy (MeV)

36-Kr-83

MAT 3640

36-Kr-83

(n,n') p  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

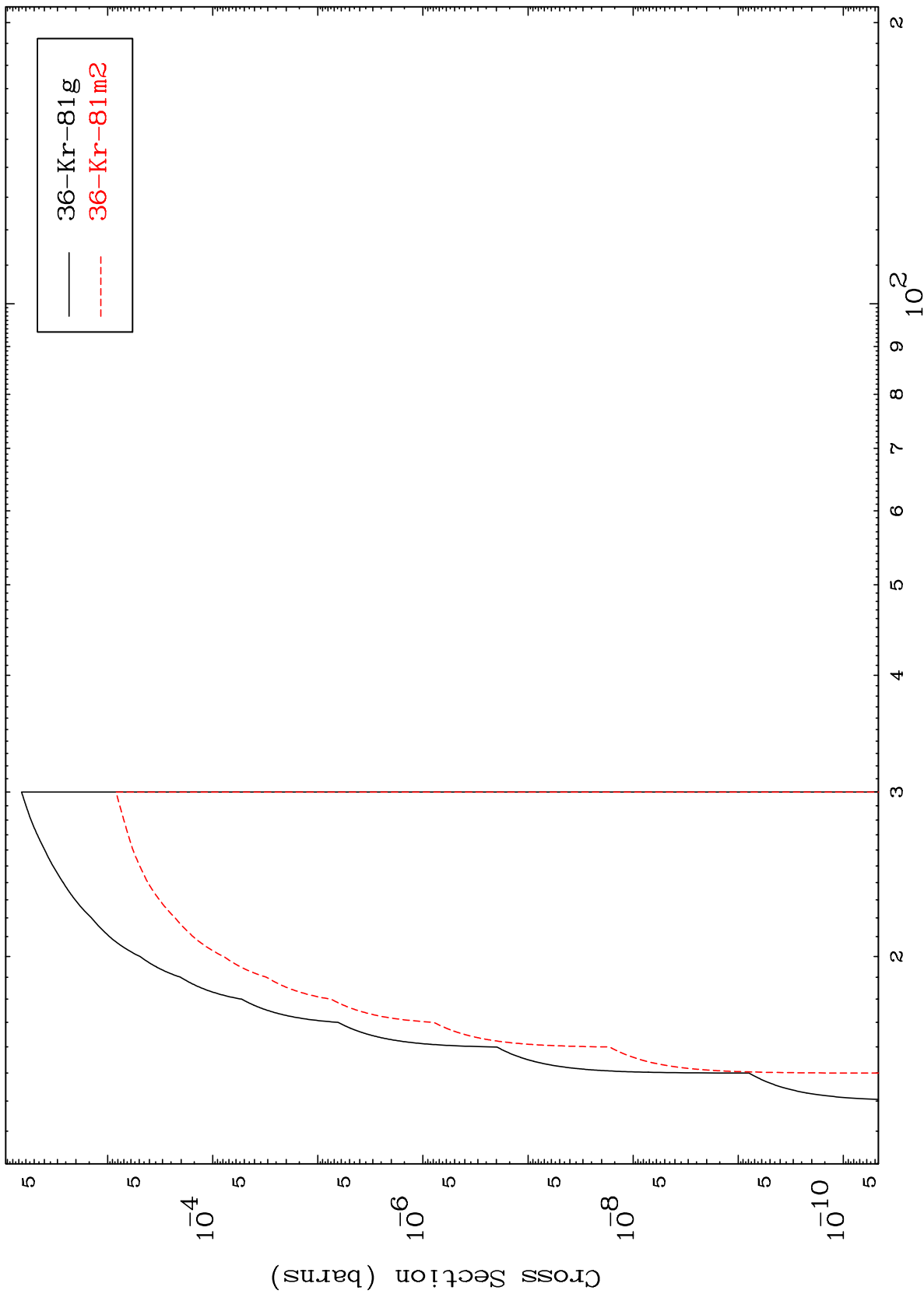
36-Kr-83

MAT 3640

(n,n') t

36-Kr-83

Radionuclide Production Cross Section



18

Incident Energy (MeV)

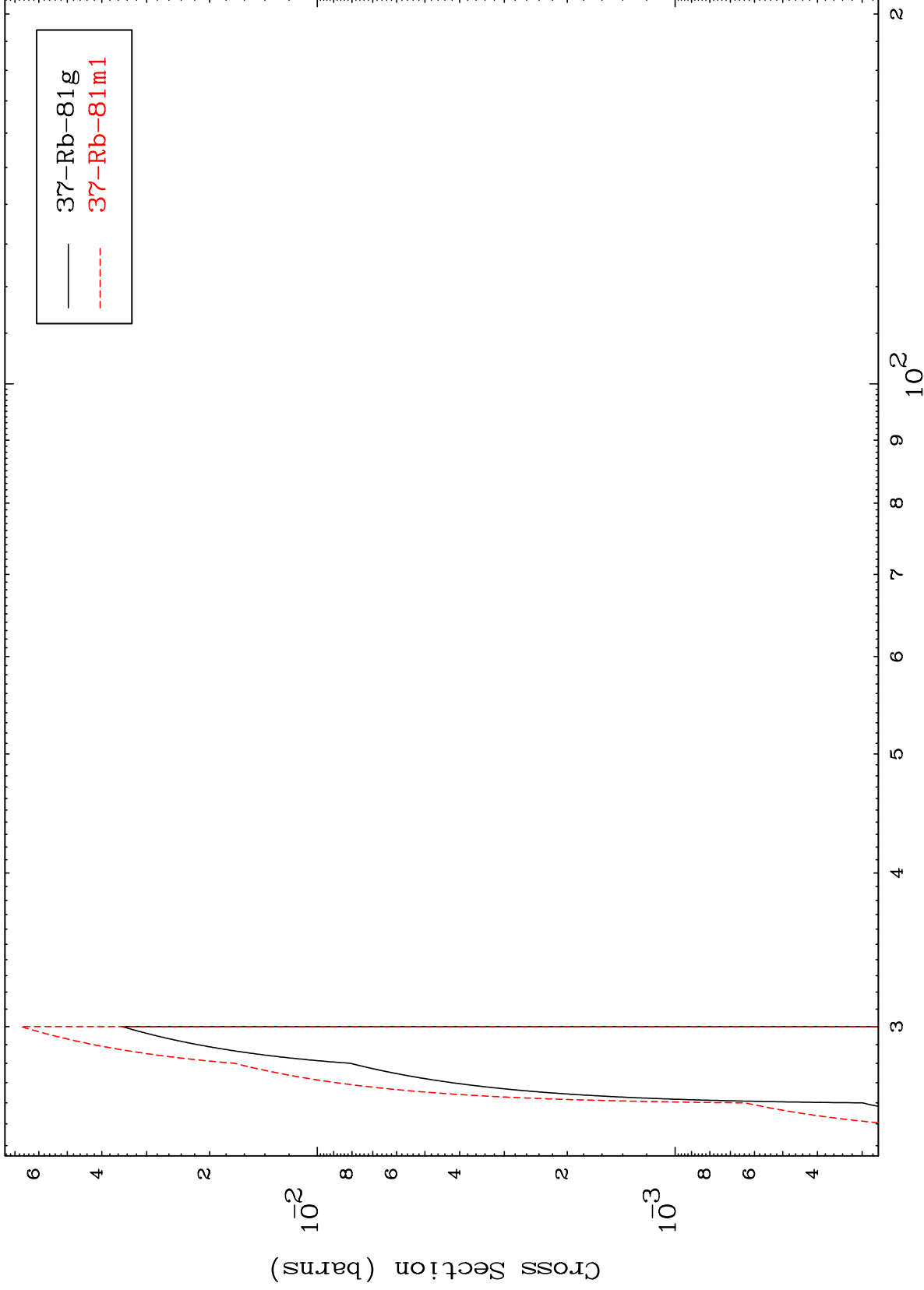
36-Kr-83

MAT 3640

(n,4n)

36-Kr-83

Radionuclide Production Cross Section



19

Incident Energy (MeV)

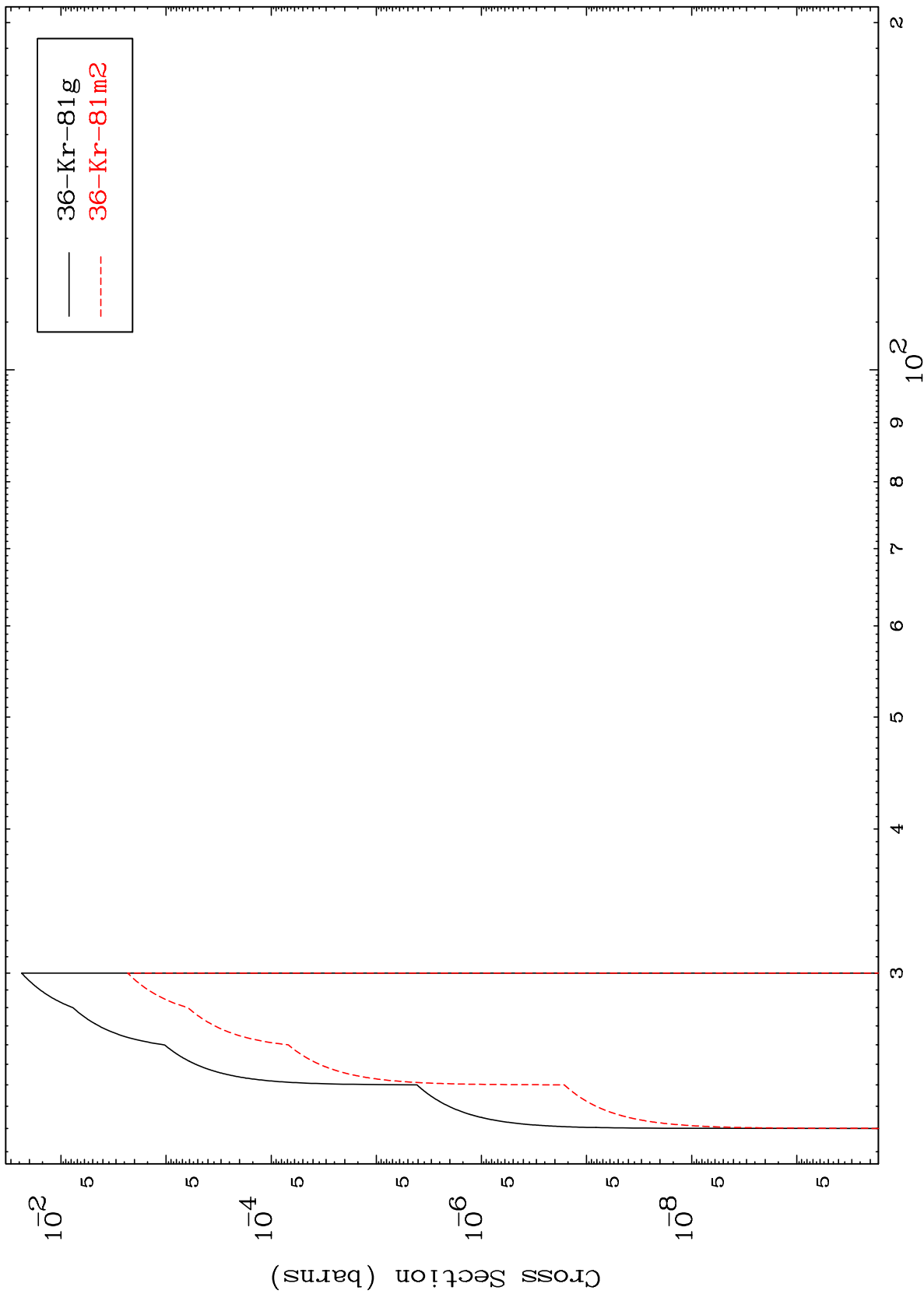
36-Kr-83

MAT 3640

(n,3n) p

36-Kr-83

Radionuclide Production Cross Section



36-Kr-81g  
36-Kr-81m2

20

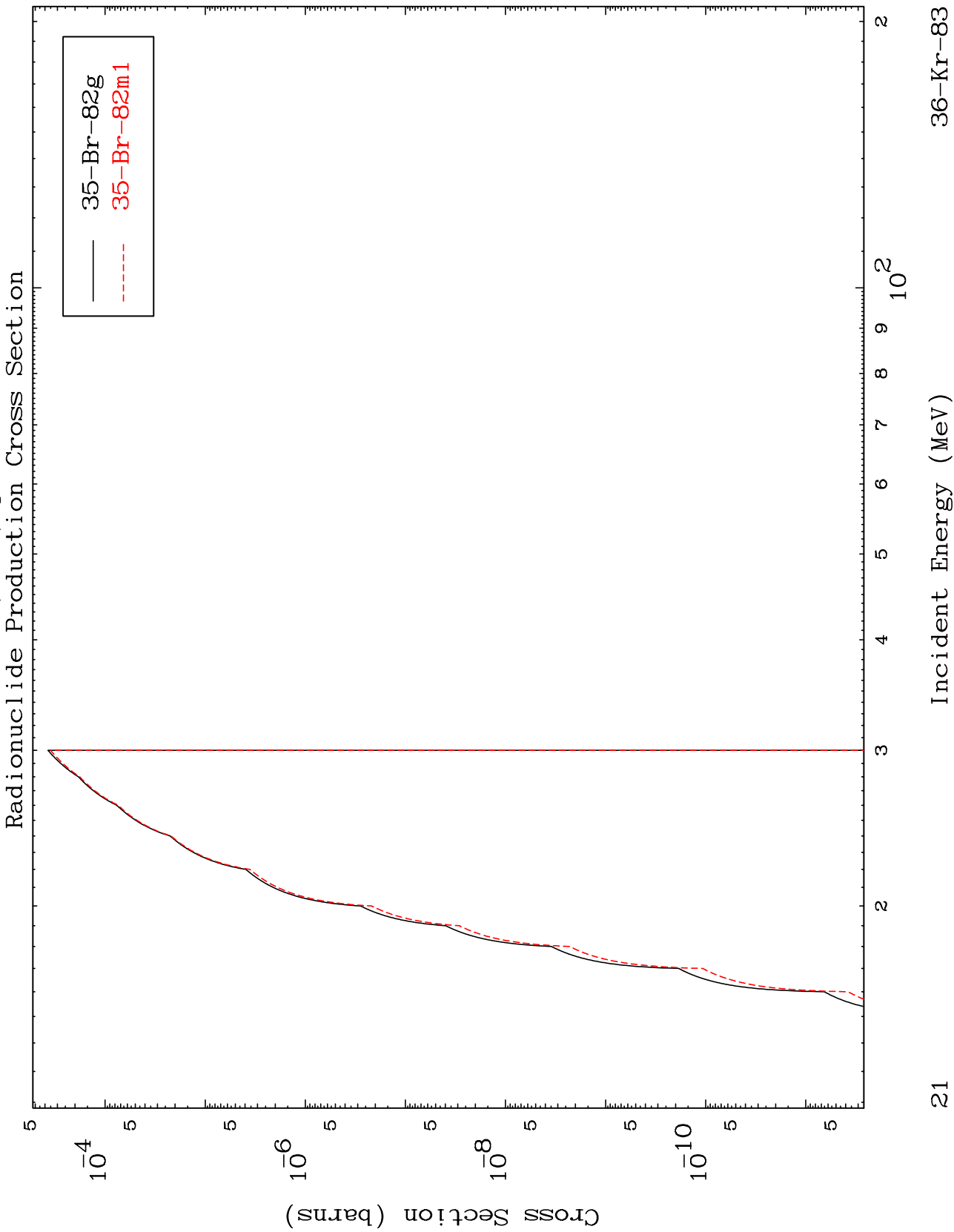
Incident Energy (MeV)

36-Kr-83

MAT 3640

(n,2n) p

36-Kr-83

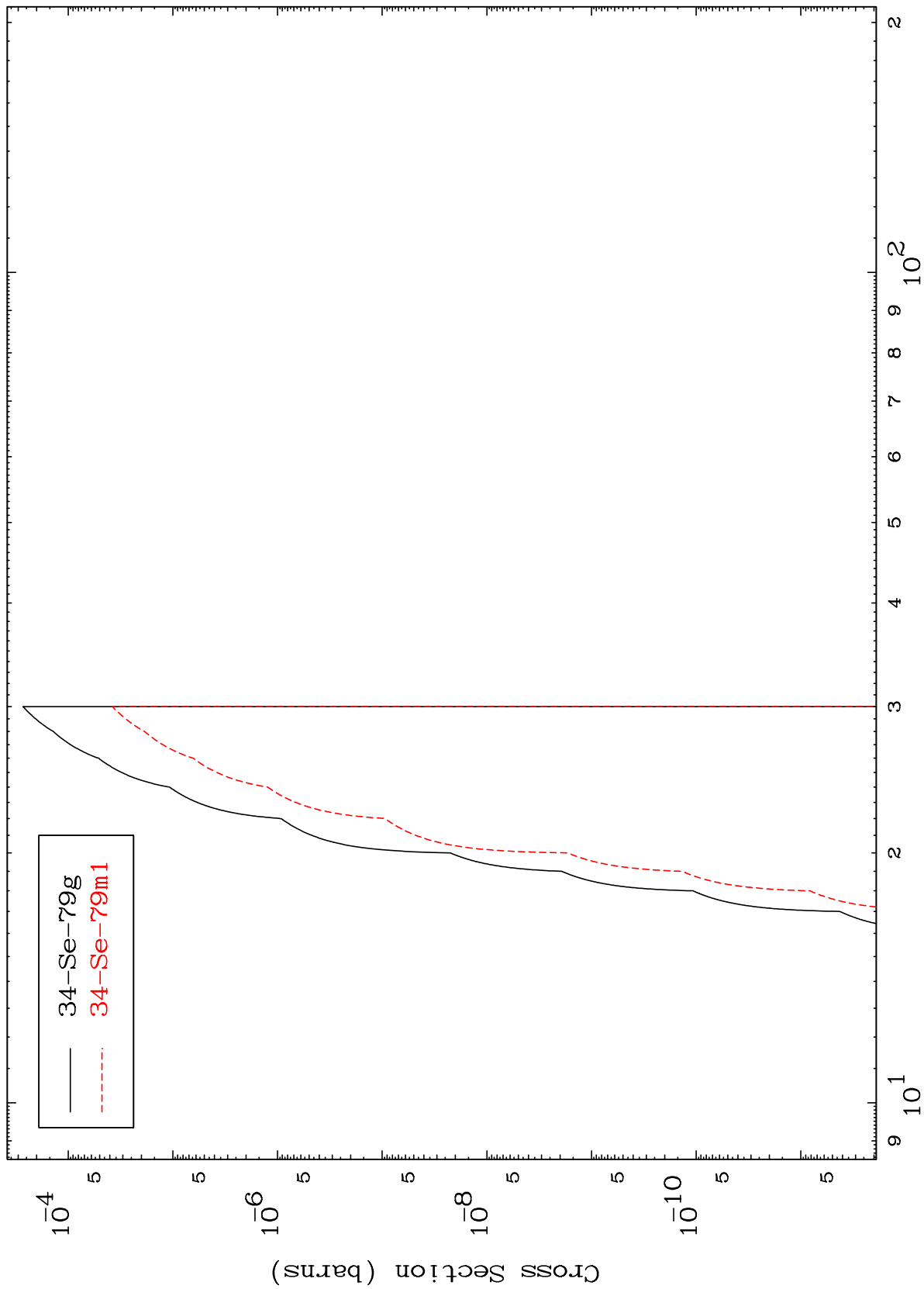


MAT 3640

(n,n') p  $\alpha$

36-Kr-83

Radionuclide Production Cross Section



22

Incident Energy (MeV)

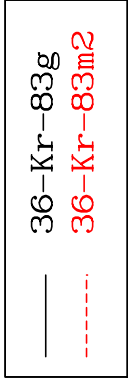
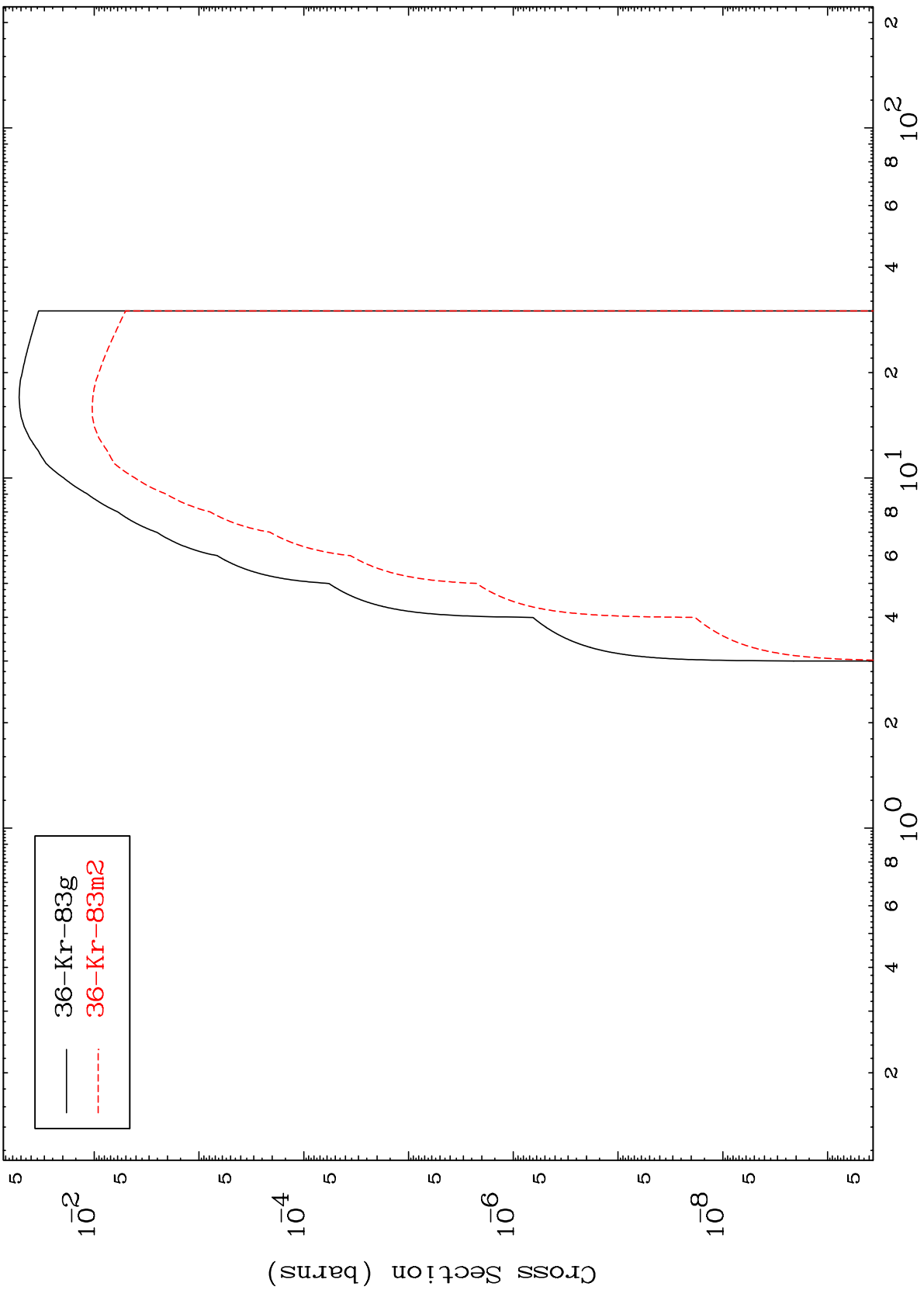
36-Kr-83

MAT 3640

(n,d)

36-Kr-83

Radionuclide Production Cross Section



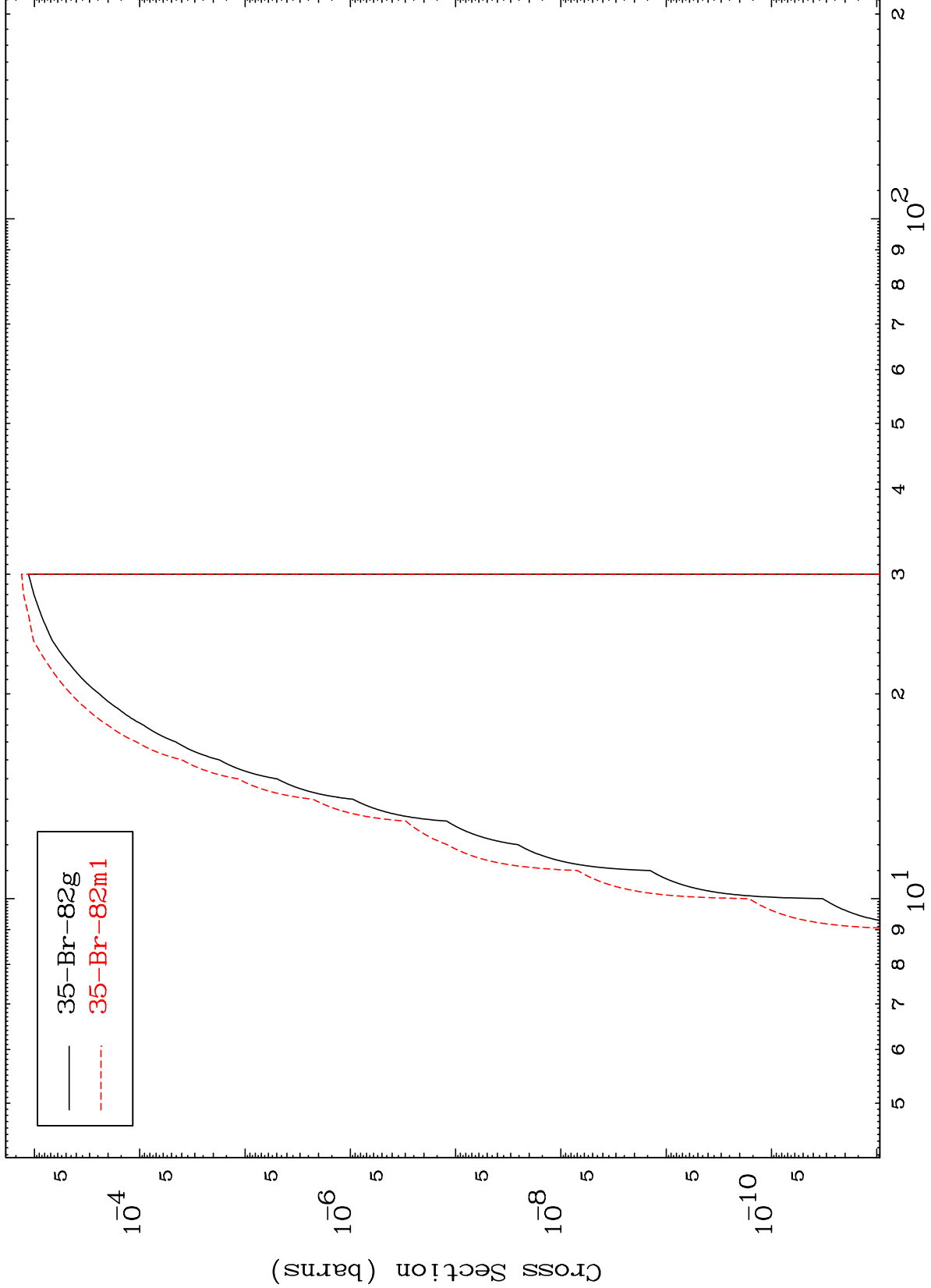


MAT 3640

(n,He-3)

36-Kr-83

Radionuclide Production Cross Section



Legend:  
— 35-Br-82g  
- - - 35-Br-82m1

24

Incident Energy (MeV)

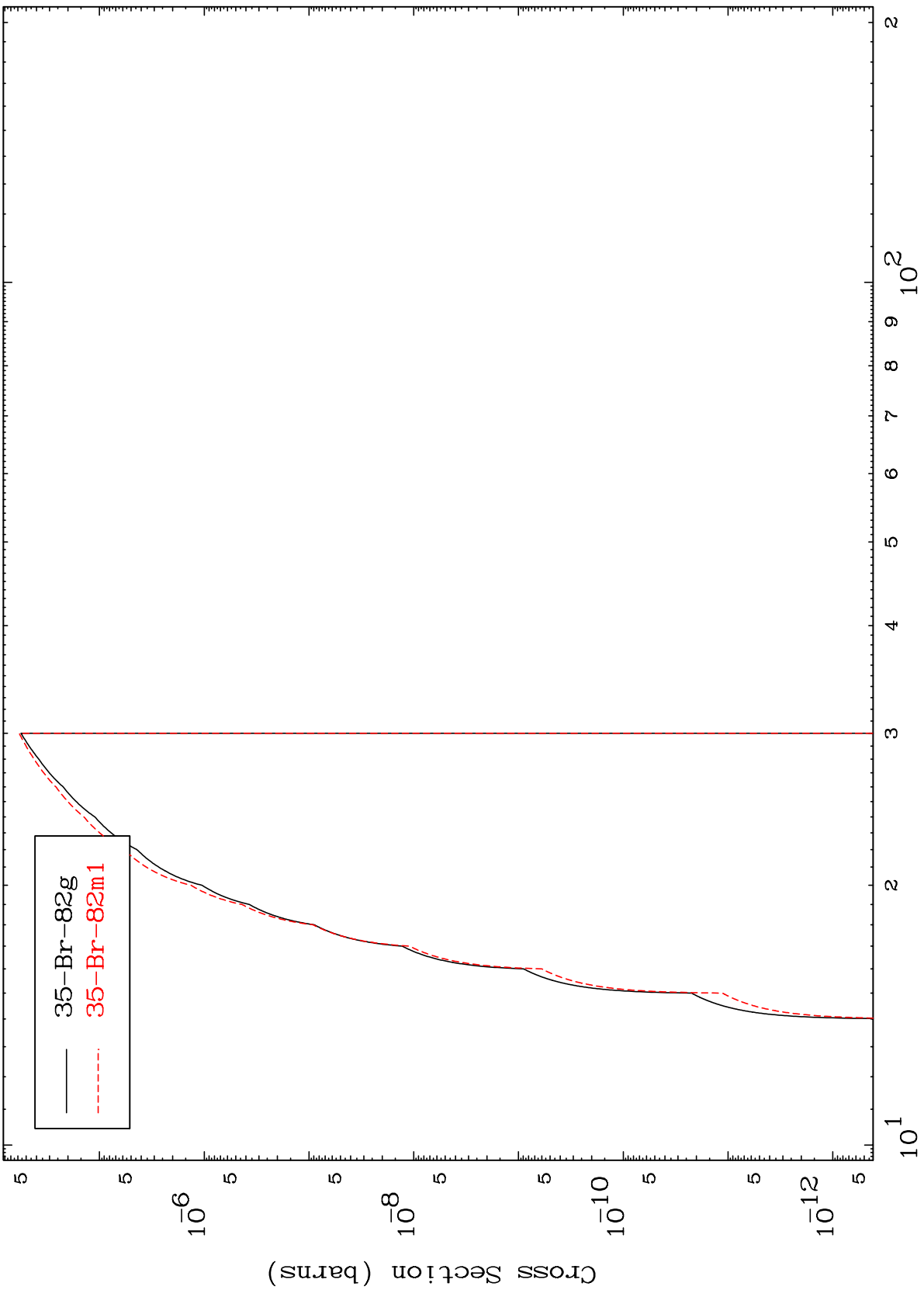
36-Kr-83

MAT 3640

(n,p) d

36-Kr-83

Radionuclide Production Cross Section



Incident Energy (MeV)

36-Kr-83

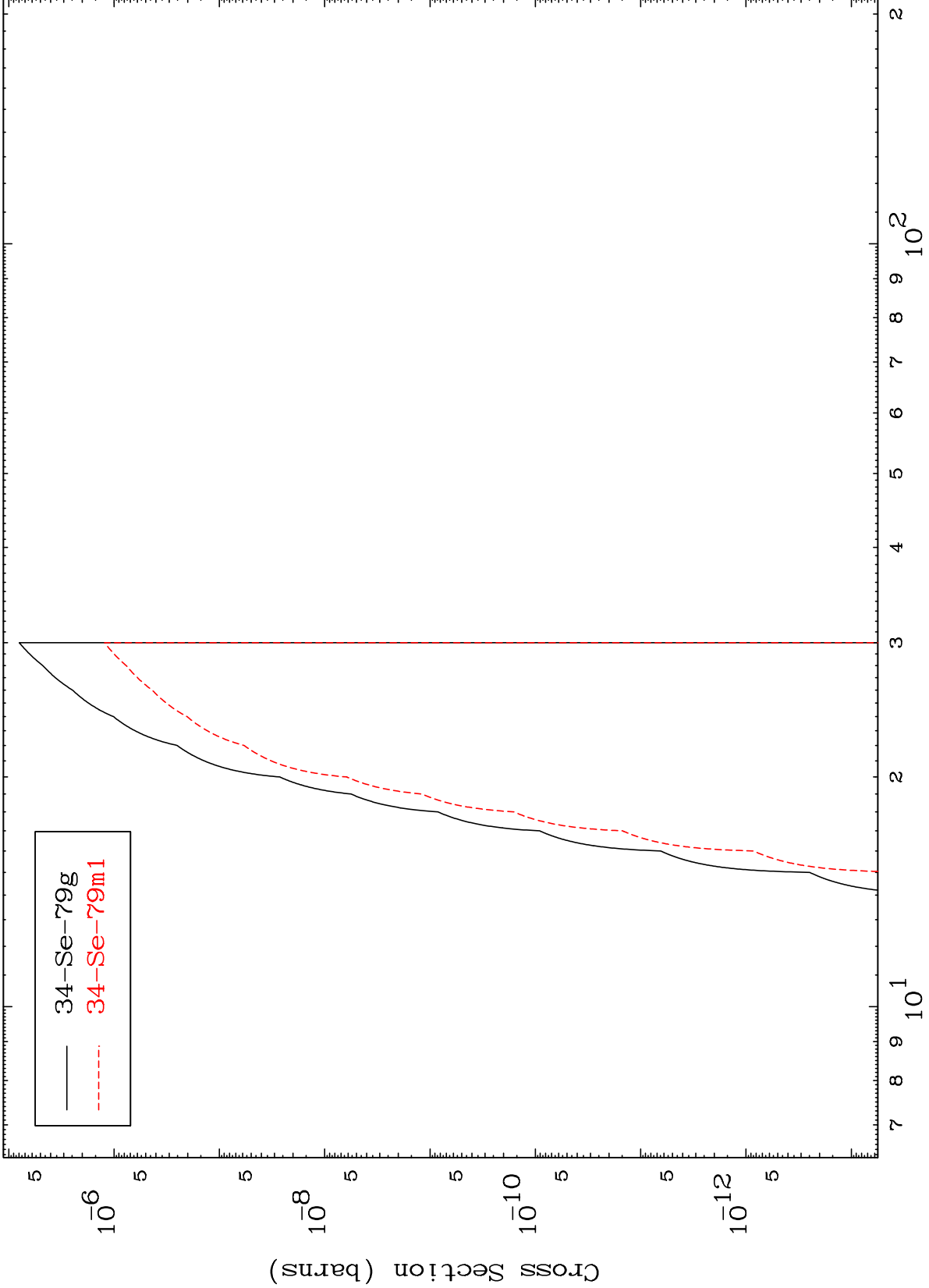
25

MAT 3640

(n,d)  $\alpha$

36-Kr-83

Radionuclide Production Cross Section



26

Incident Energy (MeV)

36-Kr-83