

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

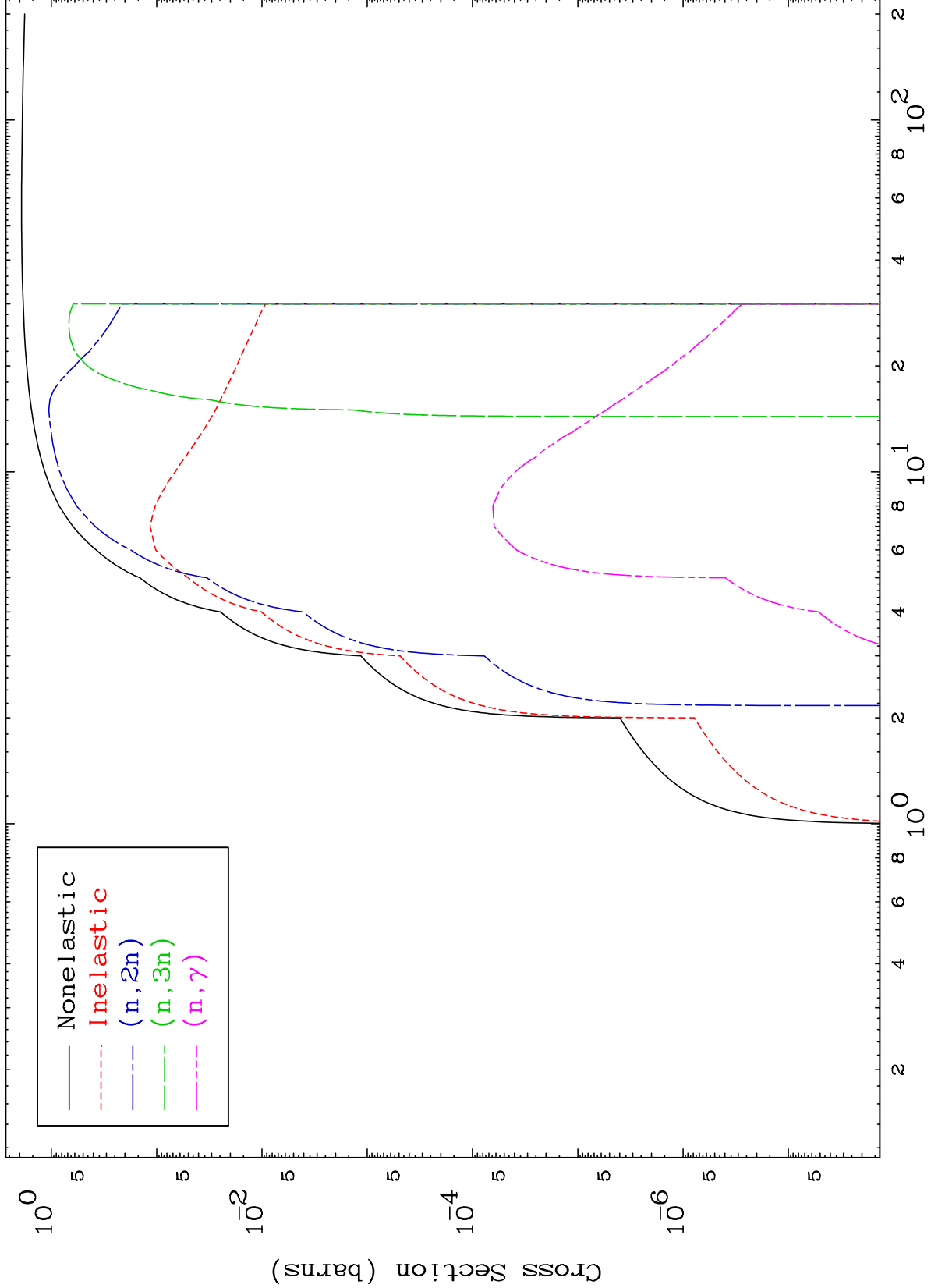
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

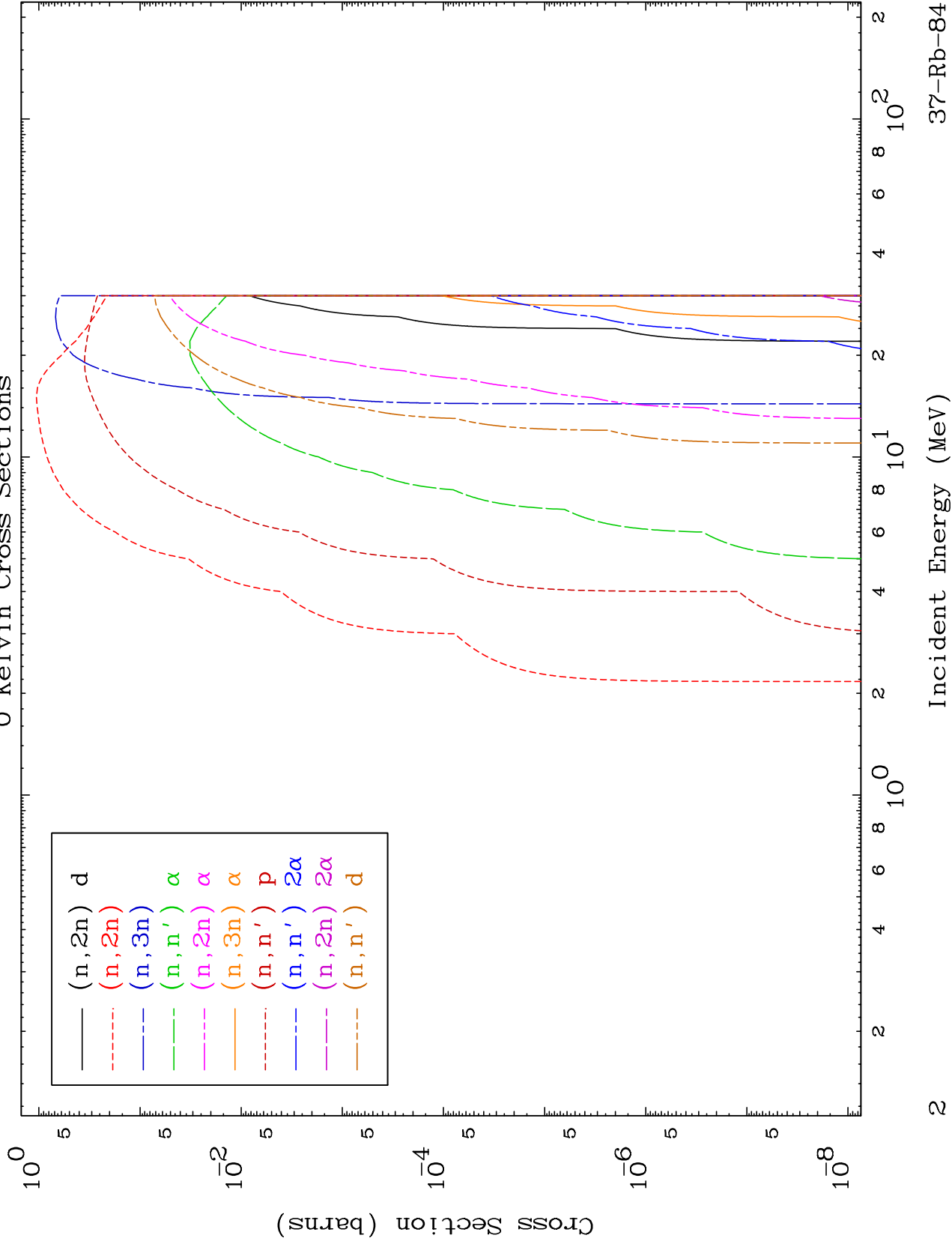
Tele: 925-443-1911

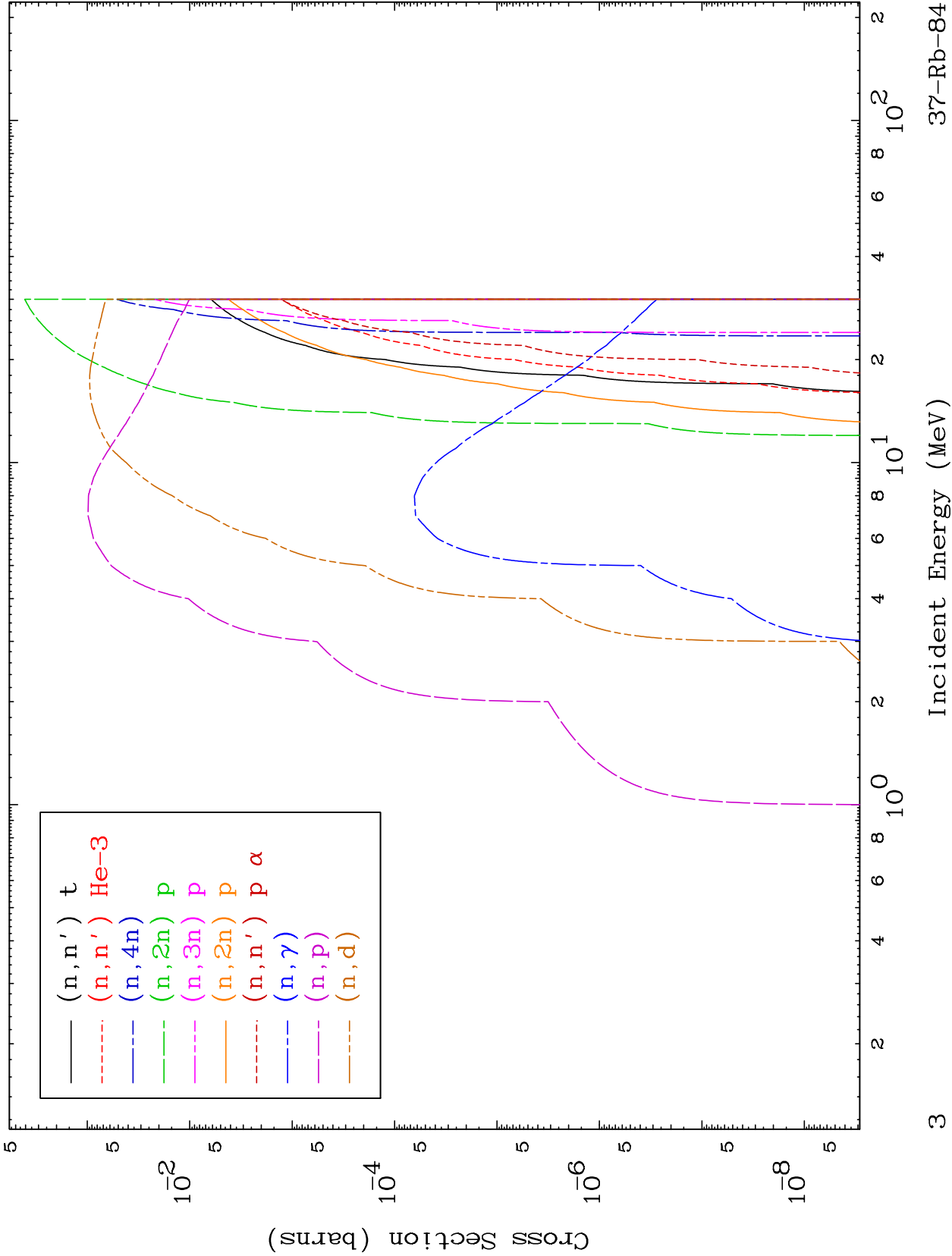
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

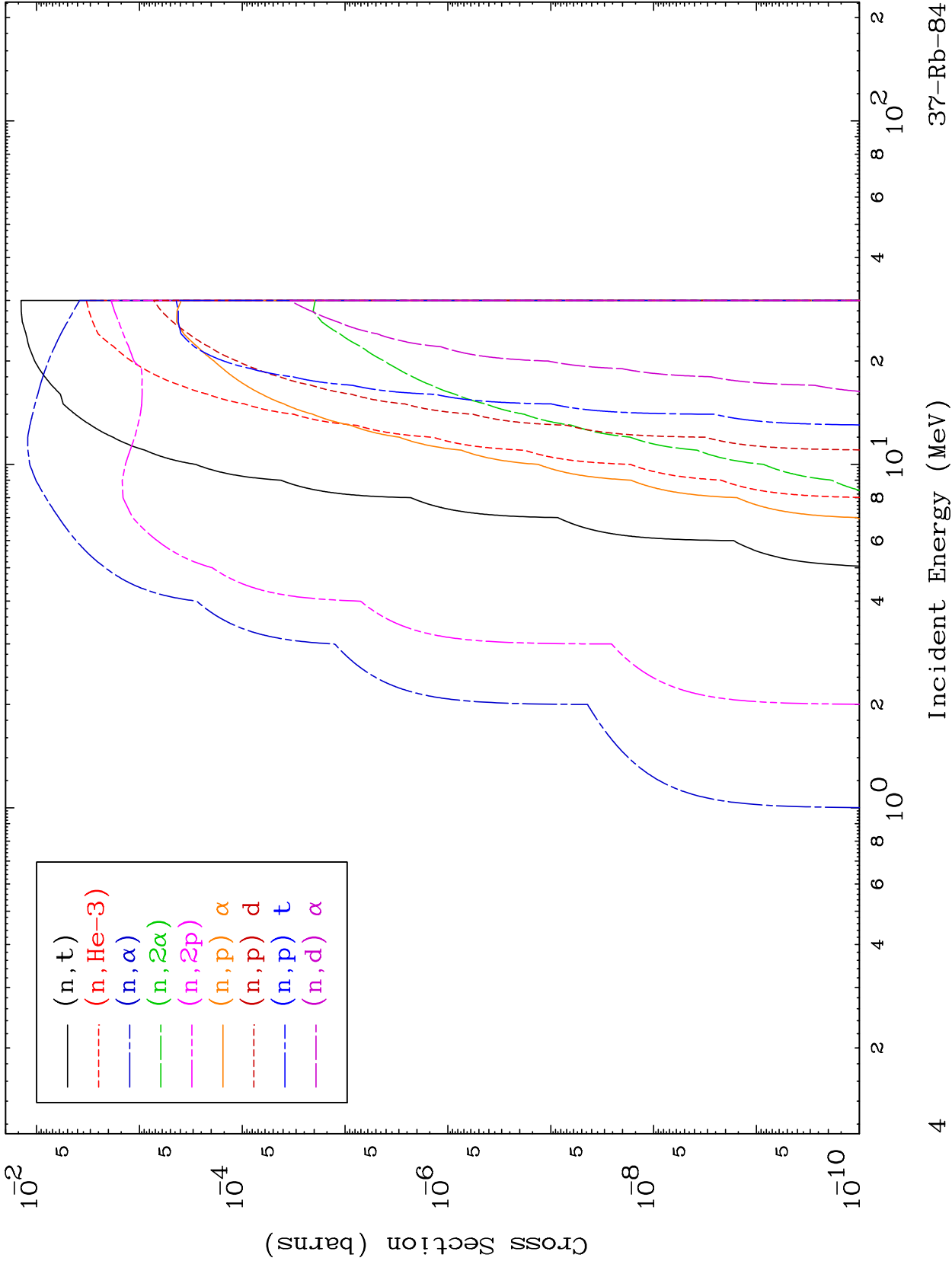
Press Mouse Button to Start



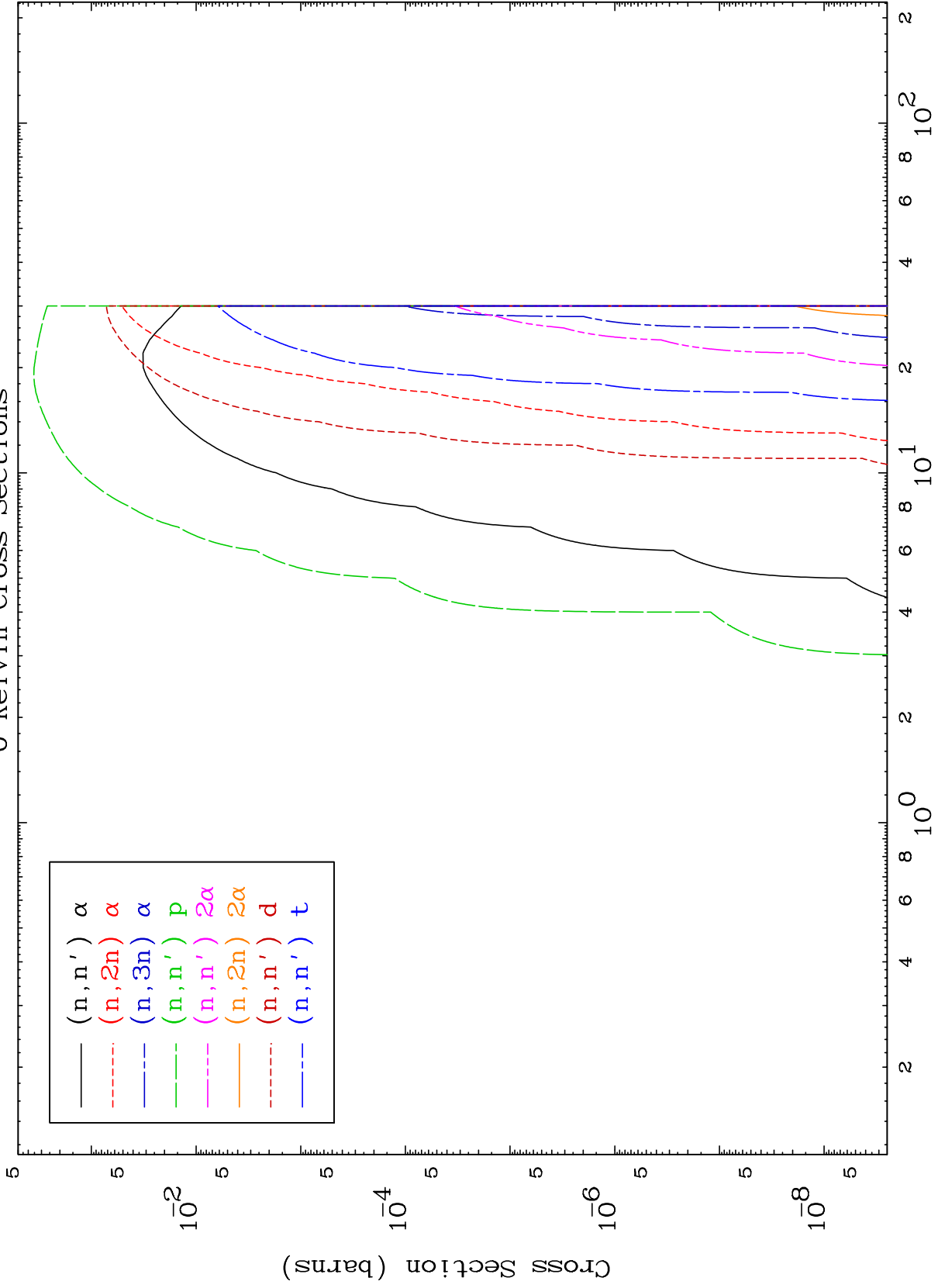


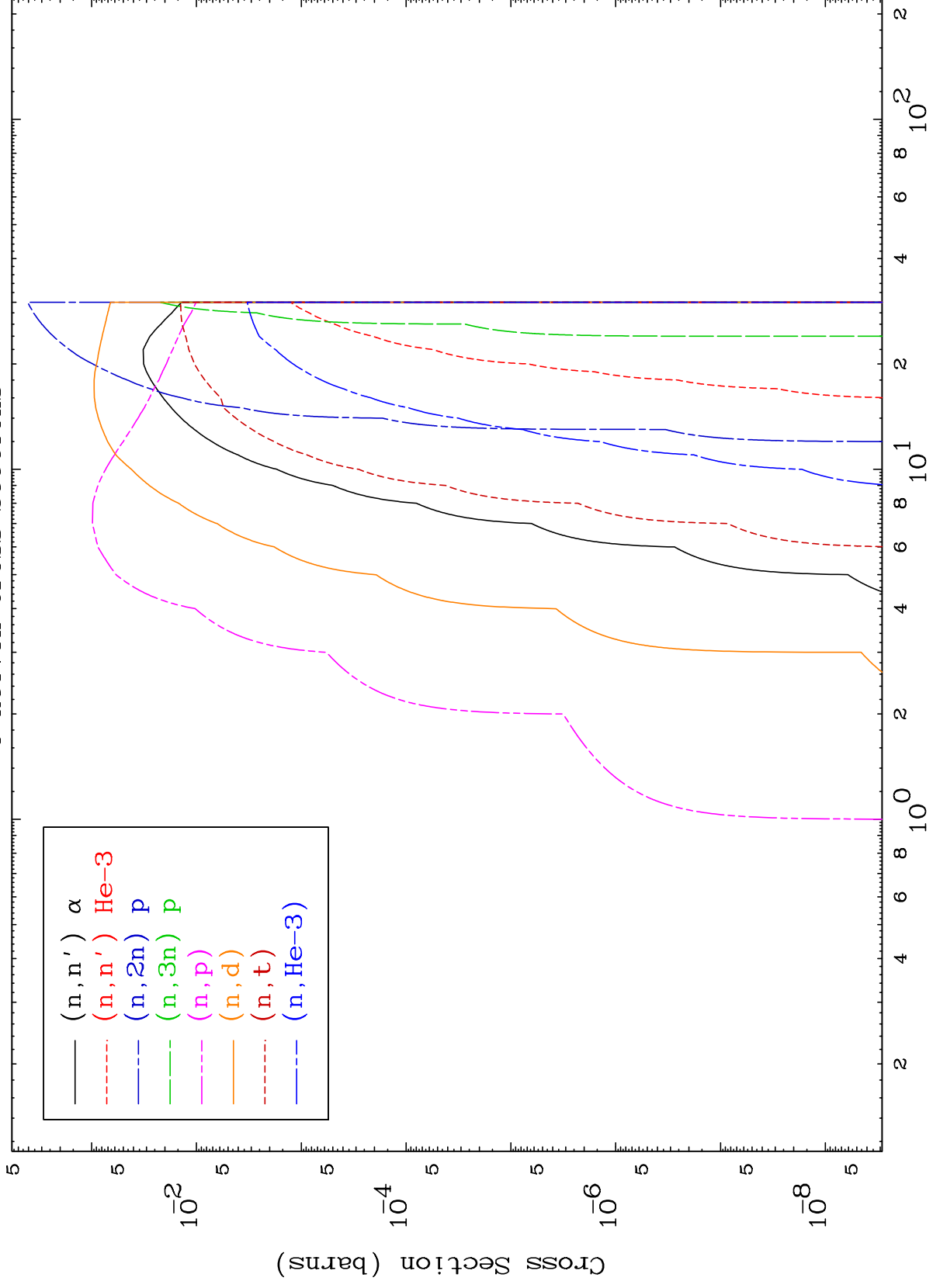


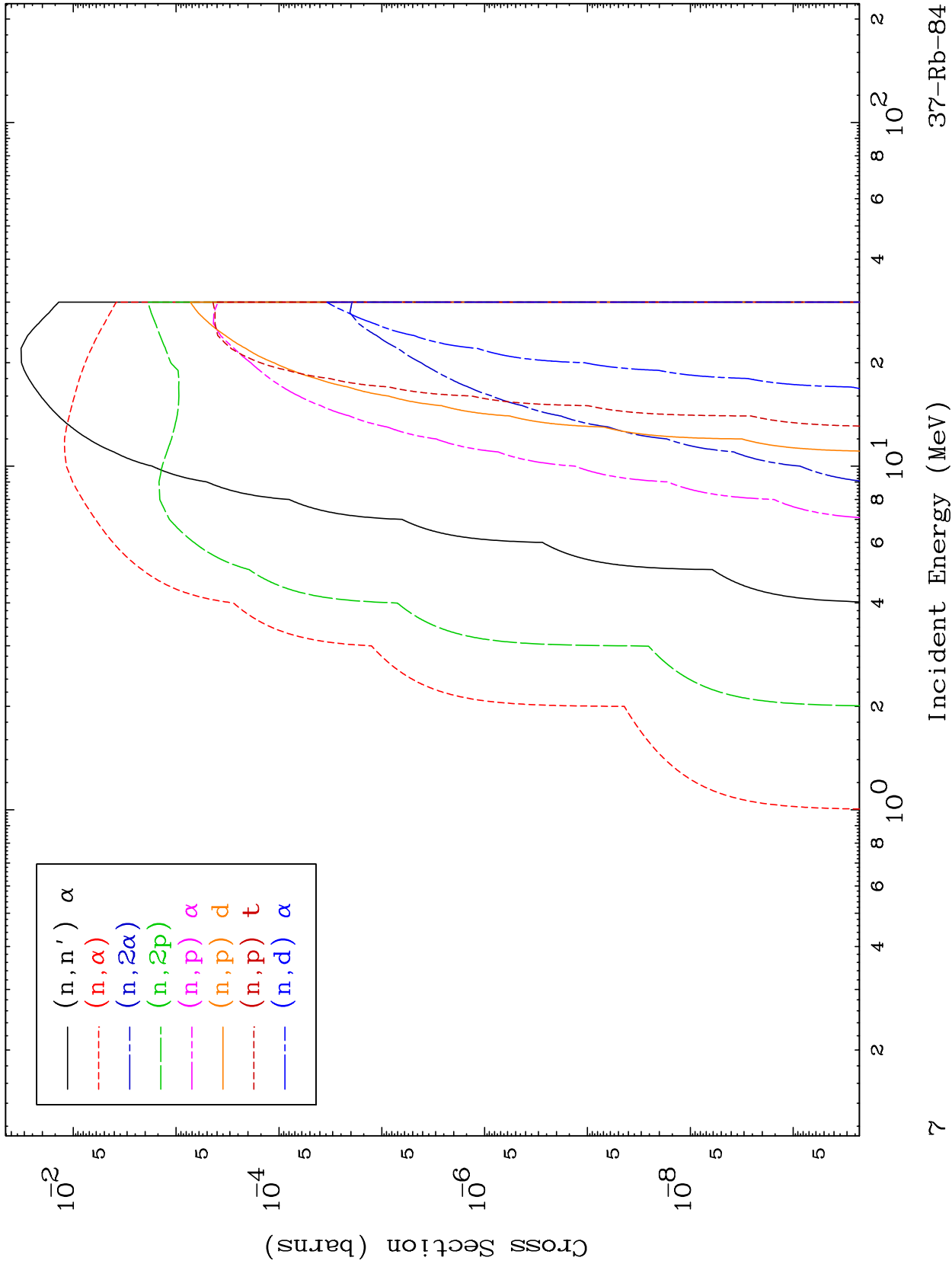
Deuteron Neutron Absorption  
0 Kelvin Cross Sections



Incident Energy (MeV)





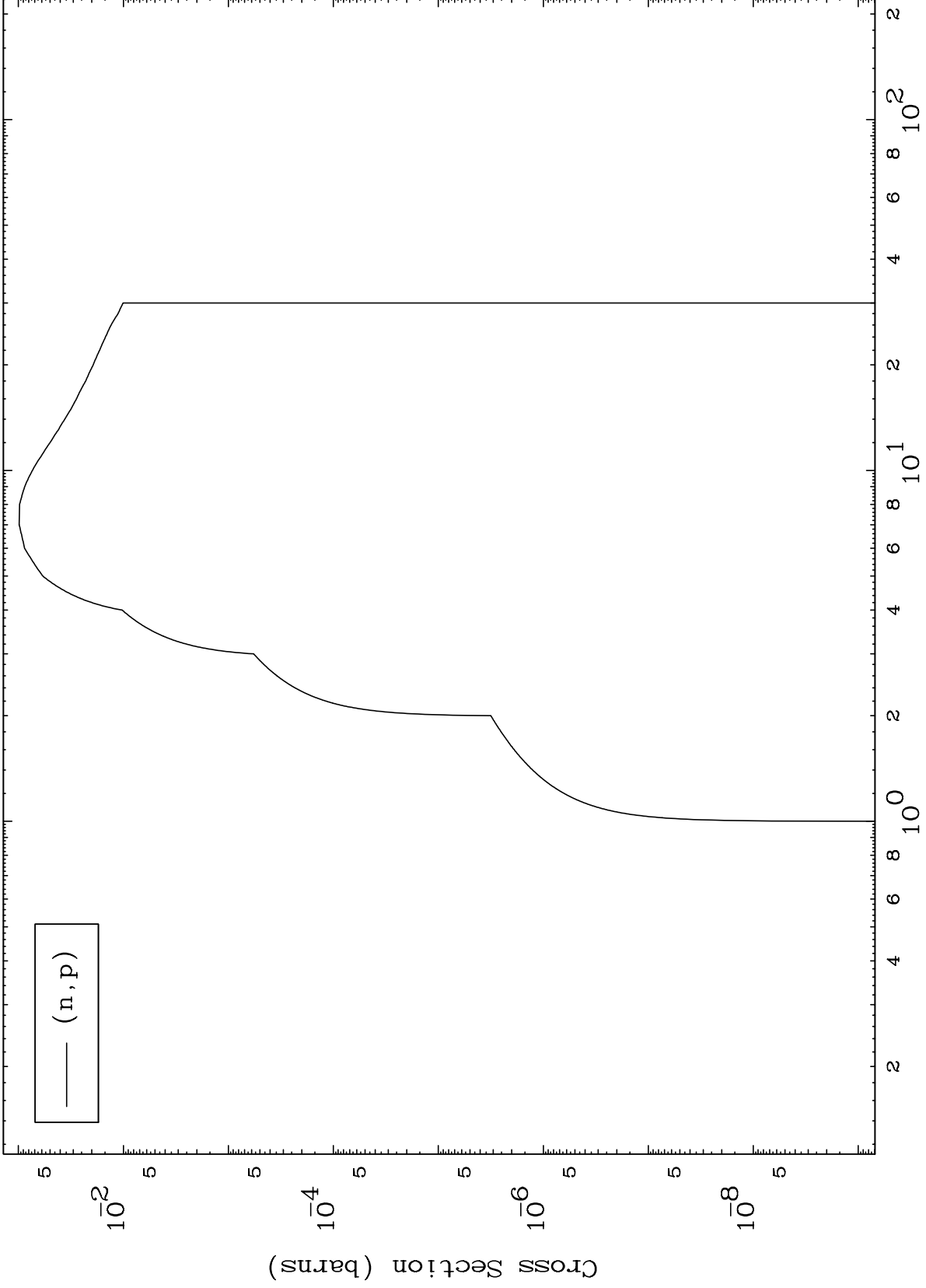




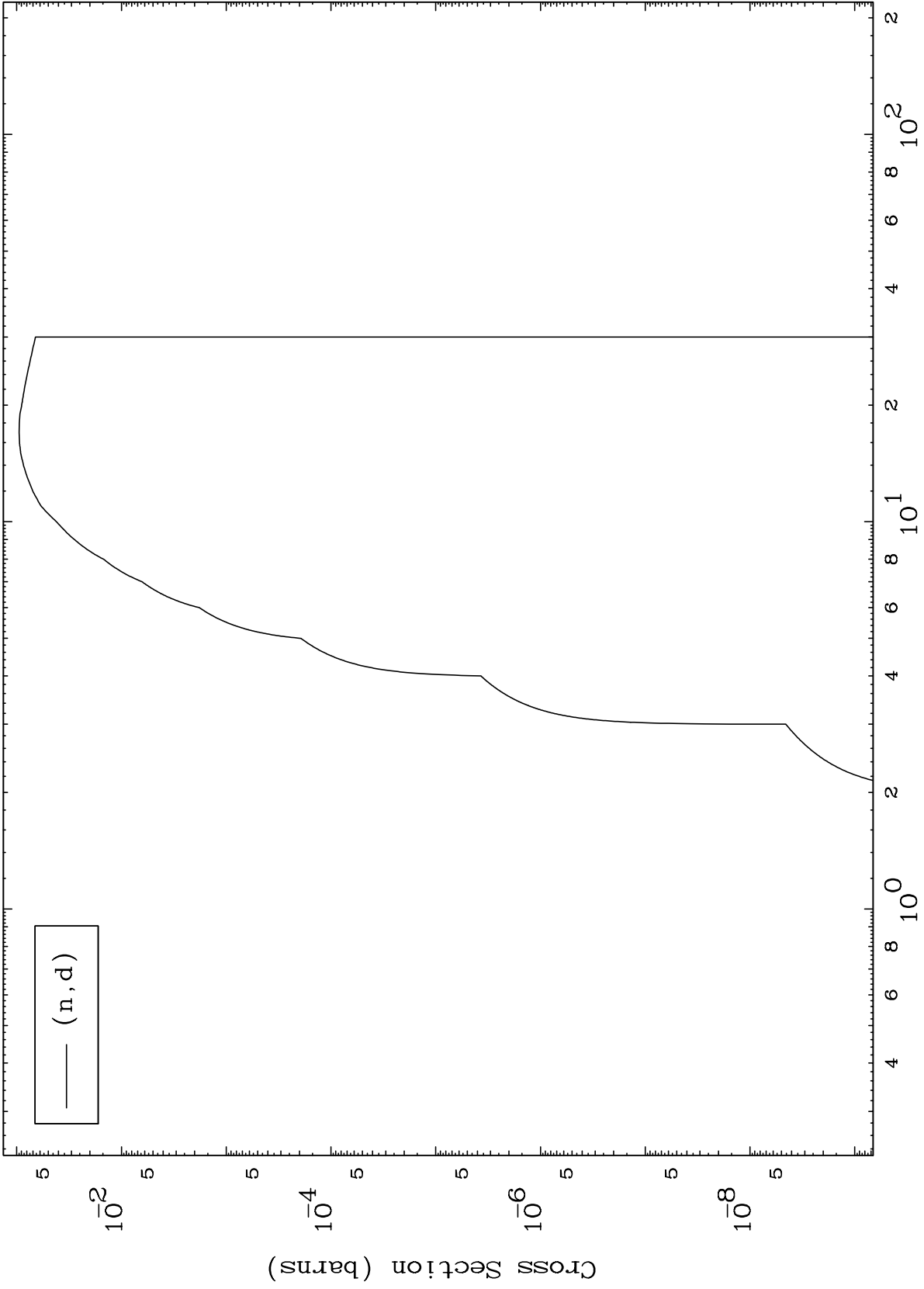
MAT 3722

37-Rb-84

(d,p) Levels  
0 Kelvin Cross Sections



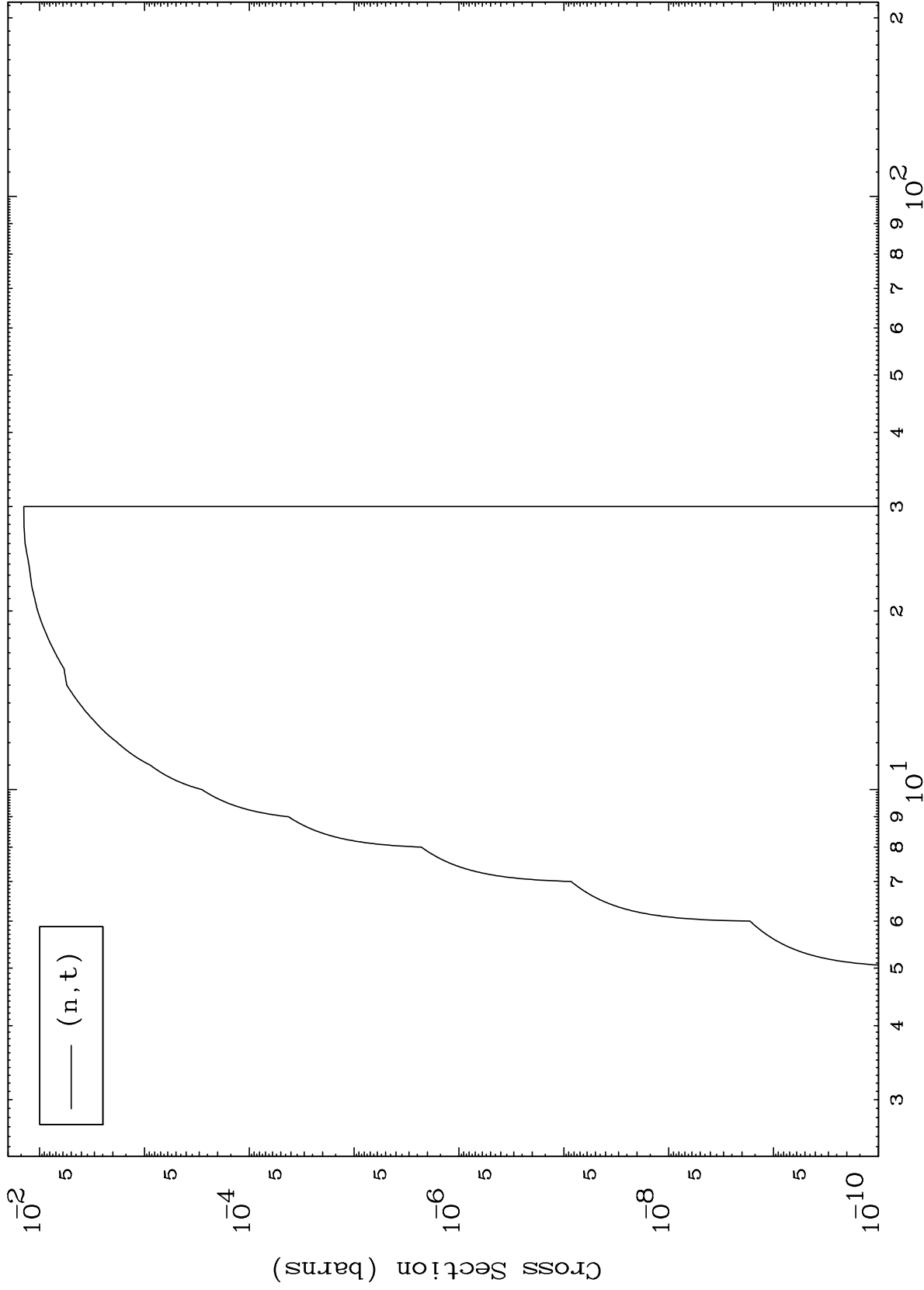
(d,d) Levels  
0 Kelvin Cross Sections



MAT 3722

(d,t) Levels  
0 Kelvin Cross Sections

37-Rb-84

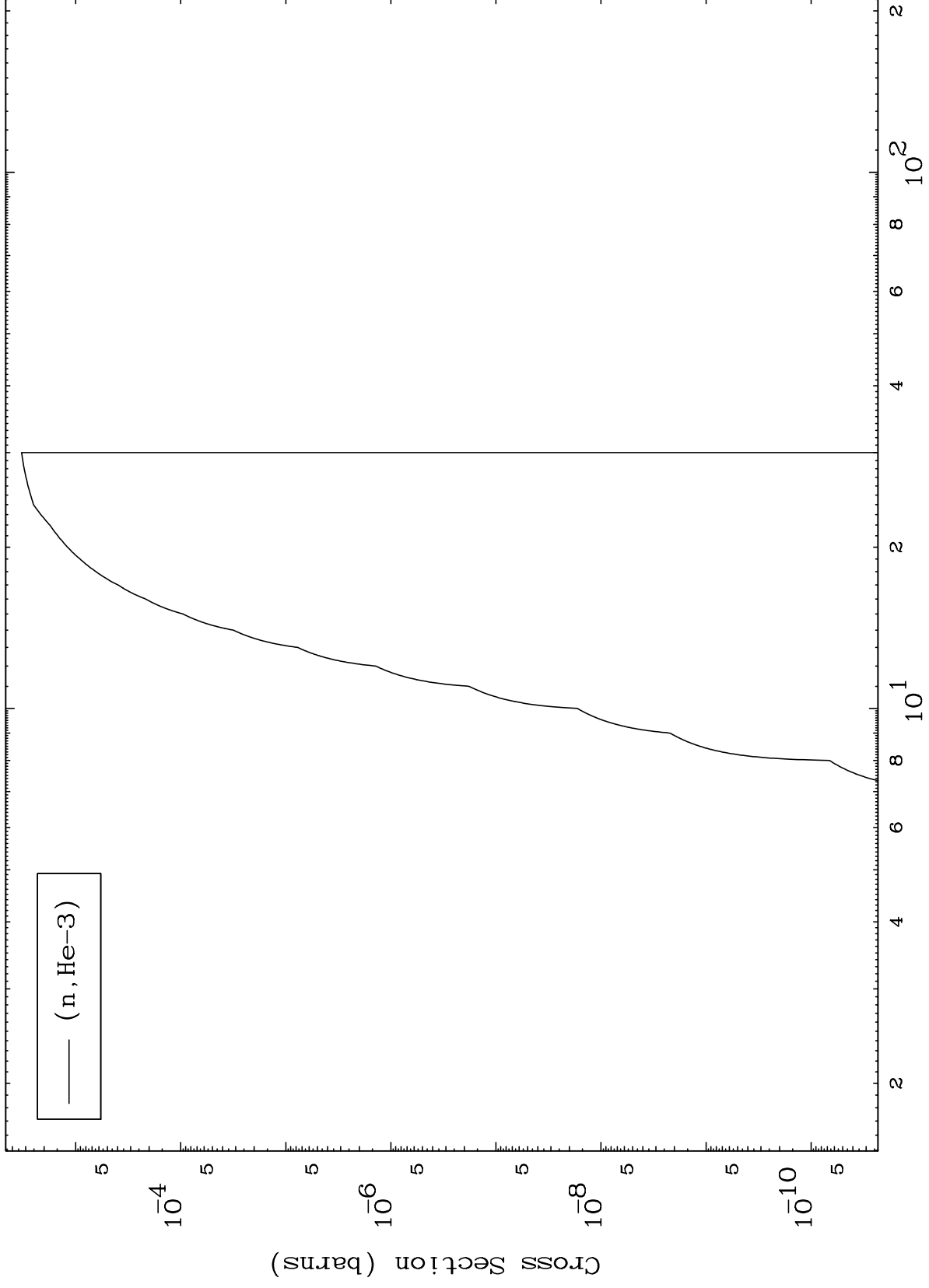


10

Incident Energy (MeV)

37-Rb-84

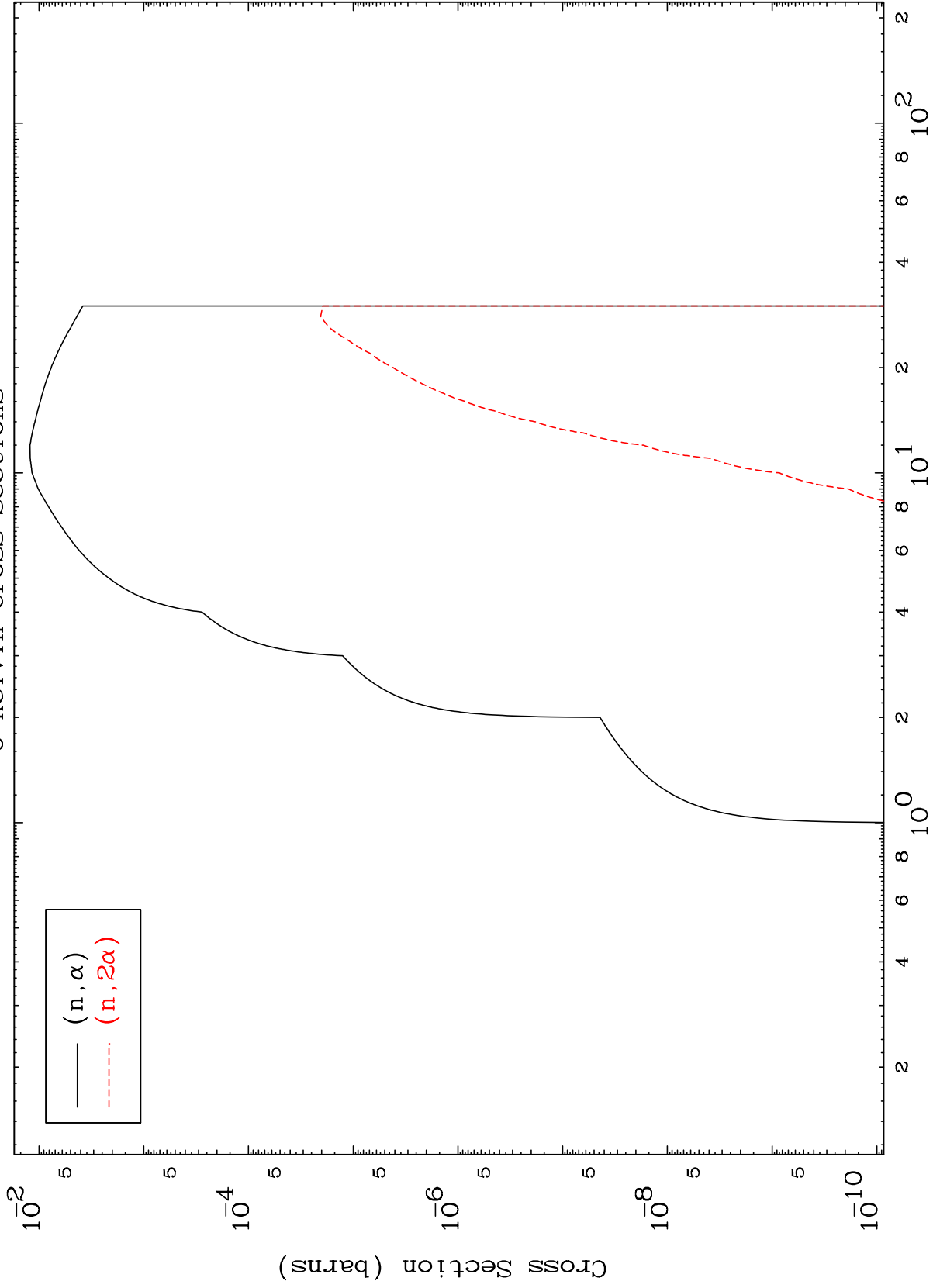
(d,He3) Levels  
0 Kelvin Cross Sections



MAT 3722

37-Rb-84

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



37-Rb-84

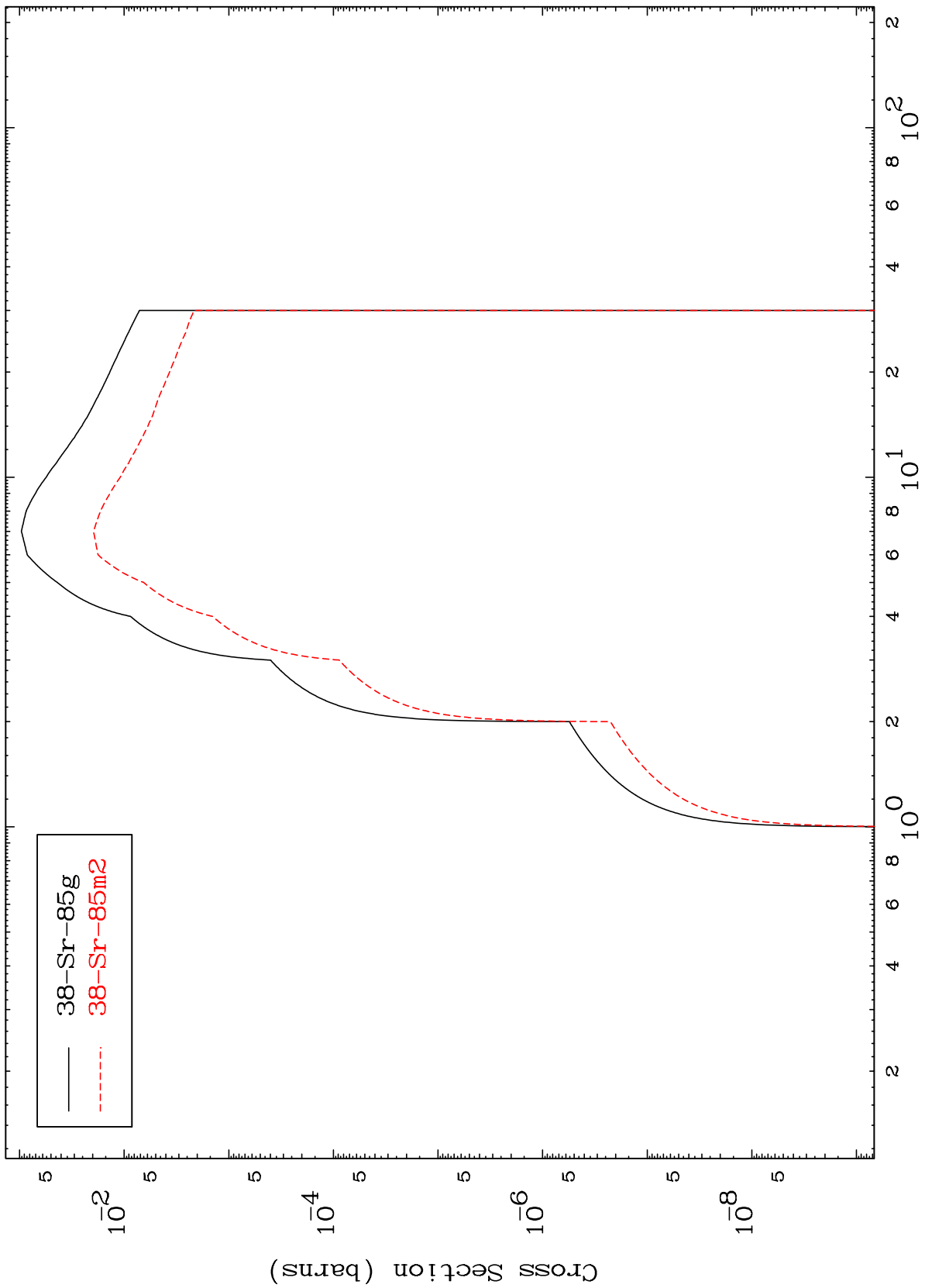
Incident Energy (MeV)

12

MAT 3722

37-Rb-84

Radionuclide Production Cross Section



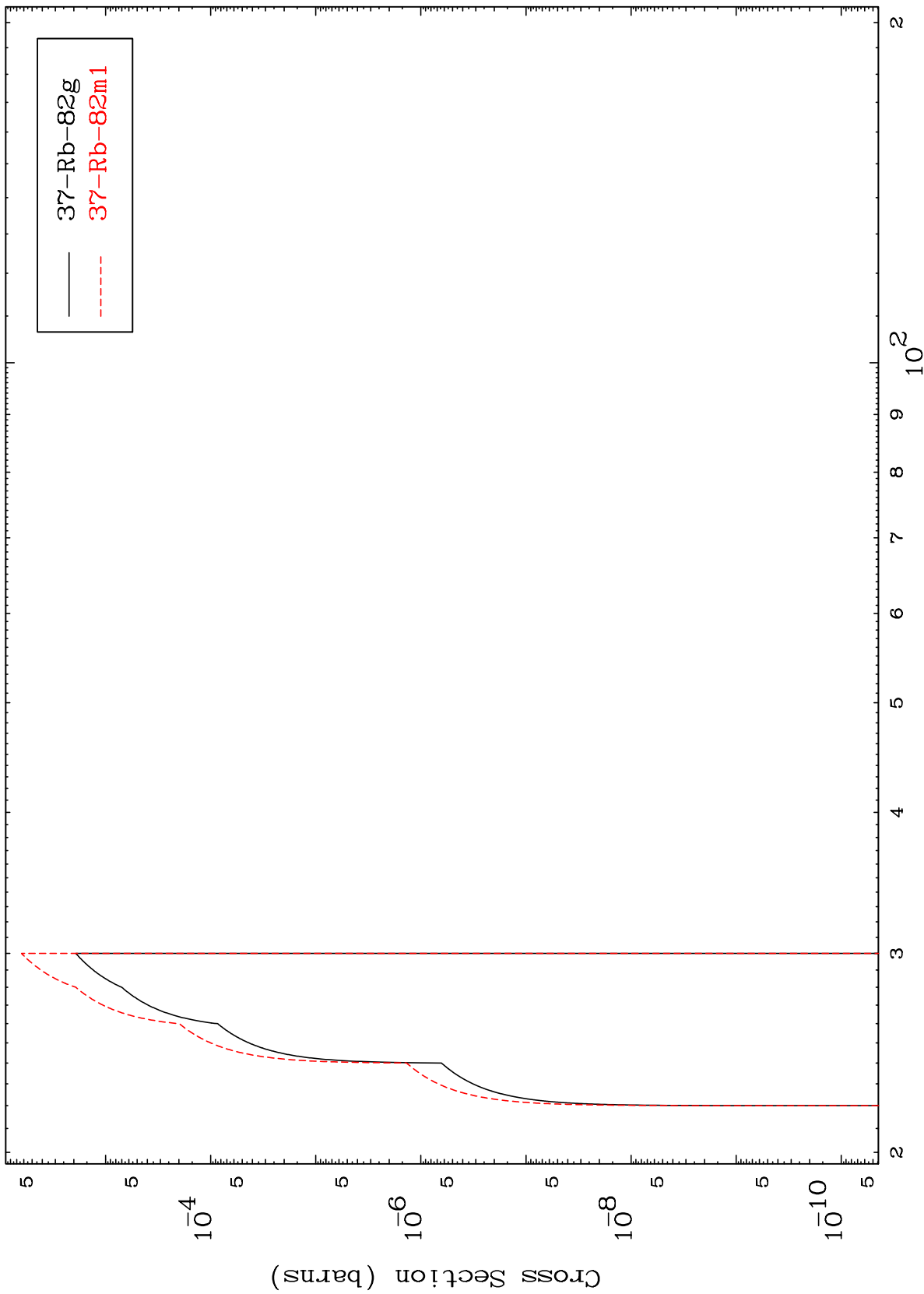
— 38-Sr-85g  
- - - 38-Sr-85m2

MAT 3722

(n,2n) d

37-Rb-84

Radionuclide Production Cross Section

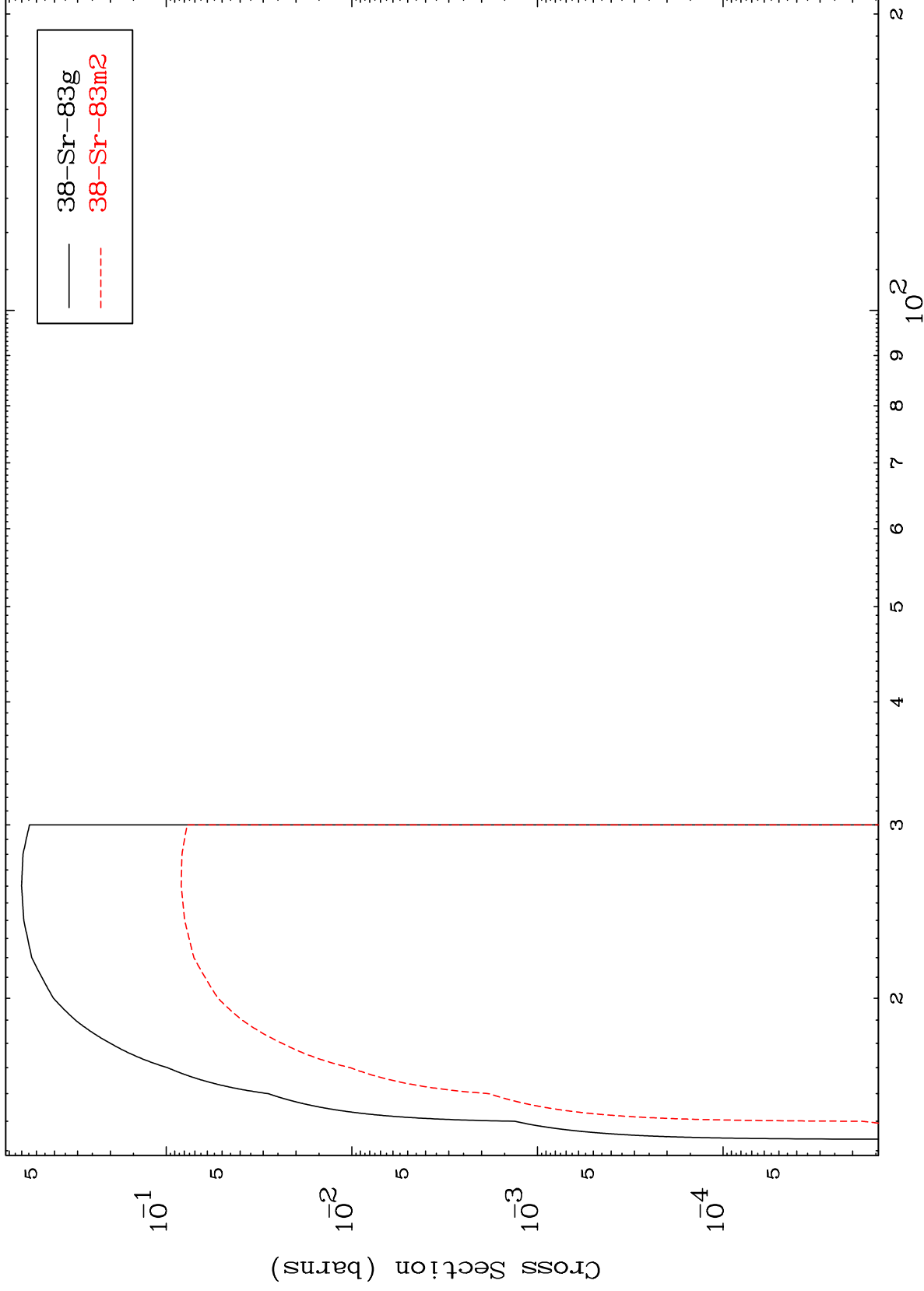


14

Incident Energy (MeV)

37-Rb-84

Radionuclide Production Cross Section



— 38-Sr-83g  
- - - 38-Sr-83m2

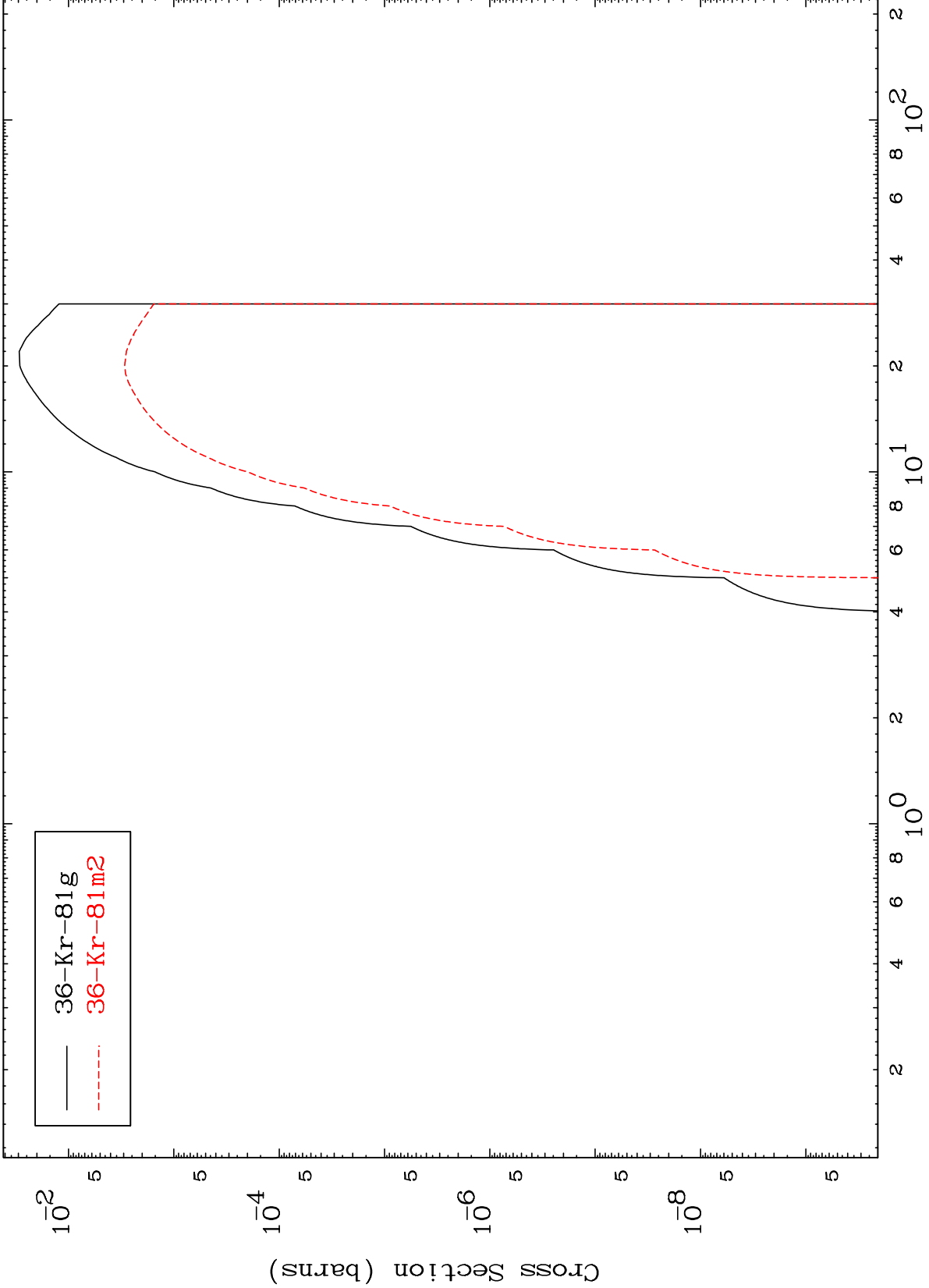


MAT 3722

$(n, n')$   $\alpha$

37-Rb-84

Radionuclide Production Cross Section



16

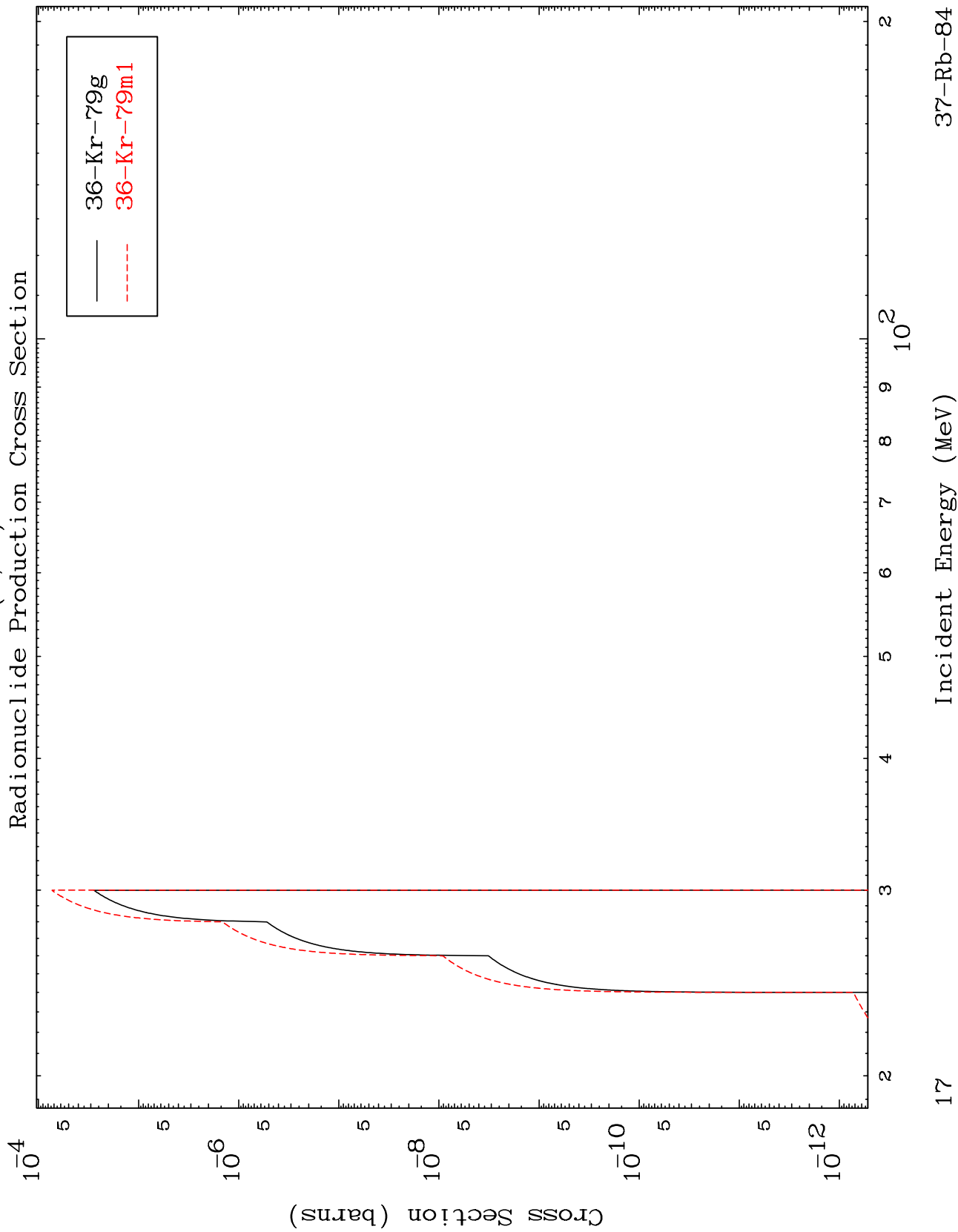
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,3n)  $\alpha$

37-Rb-84



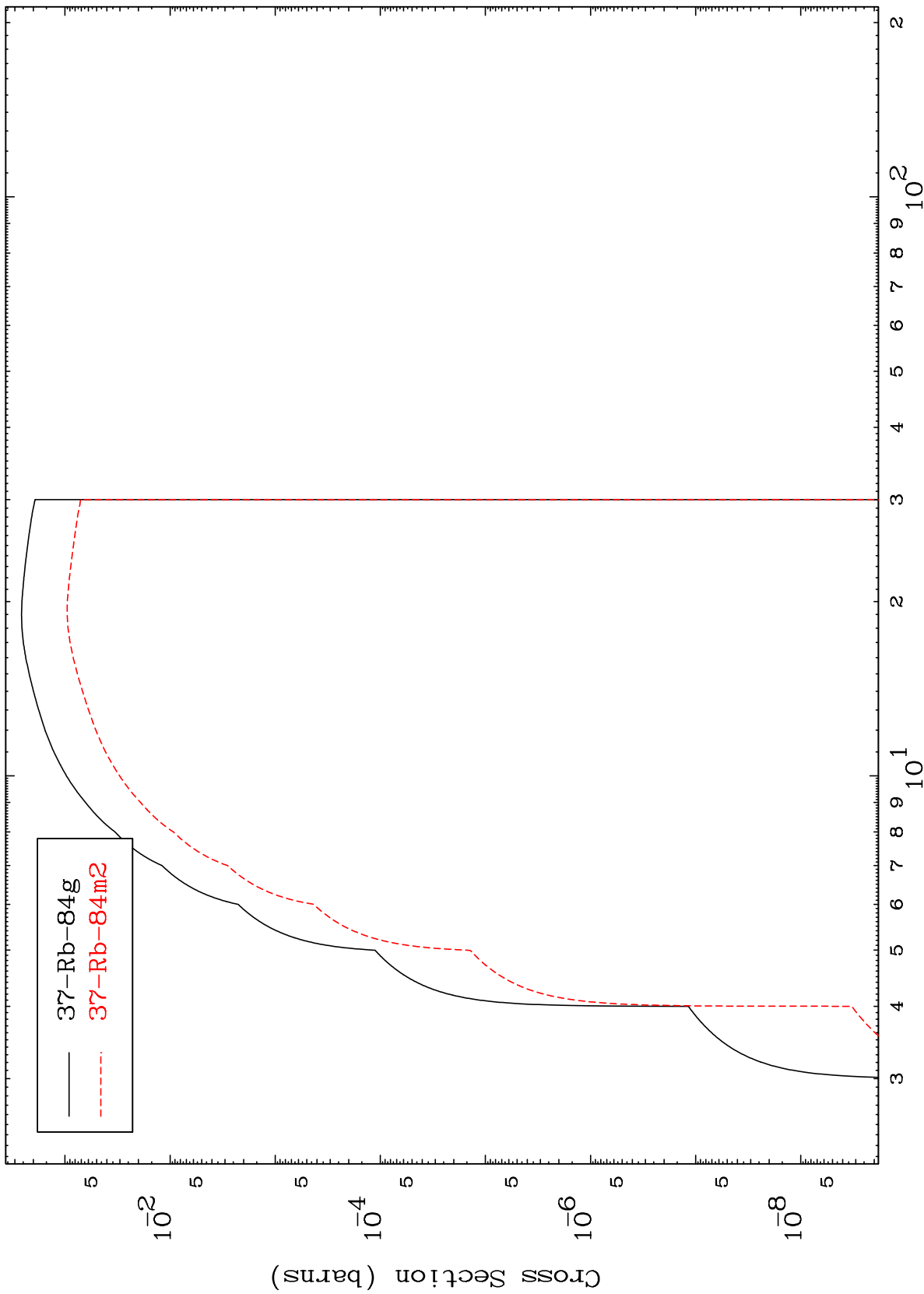
17

37-Rb-84

MAT 3722

<sup>37</sup>Rb-84

Radionuclide Production Cross Section



18

<sup>37</sup>Rb-84

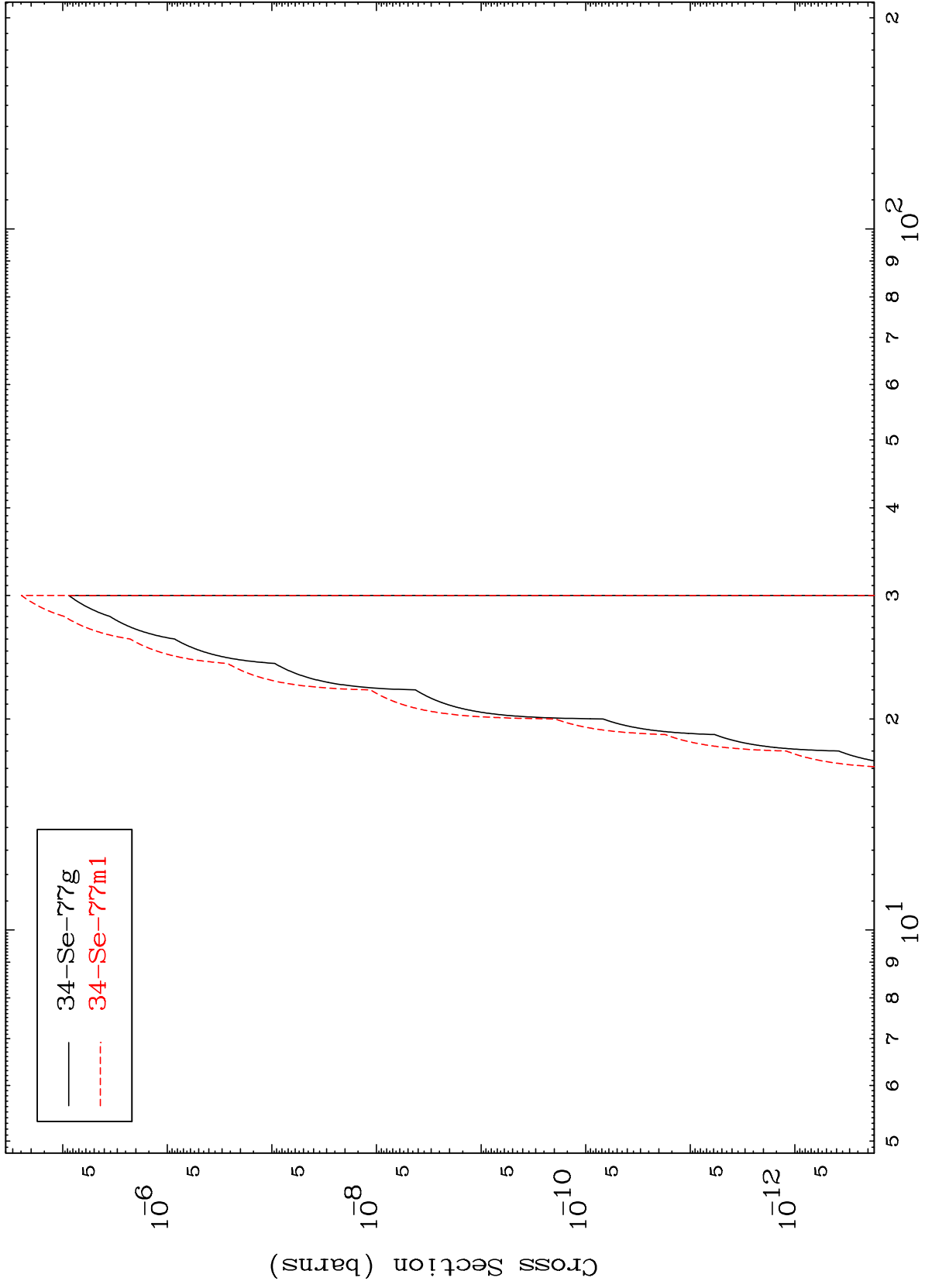
Incident Energy (MeV)

MAT 3722

(n,n') 2 $\alpha$

37-Rb-84

Radionuclide Production Cross Section



19

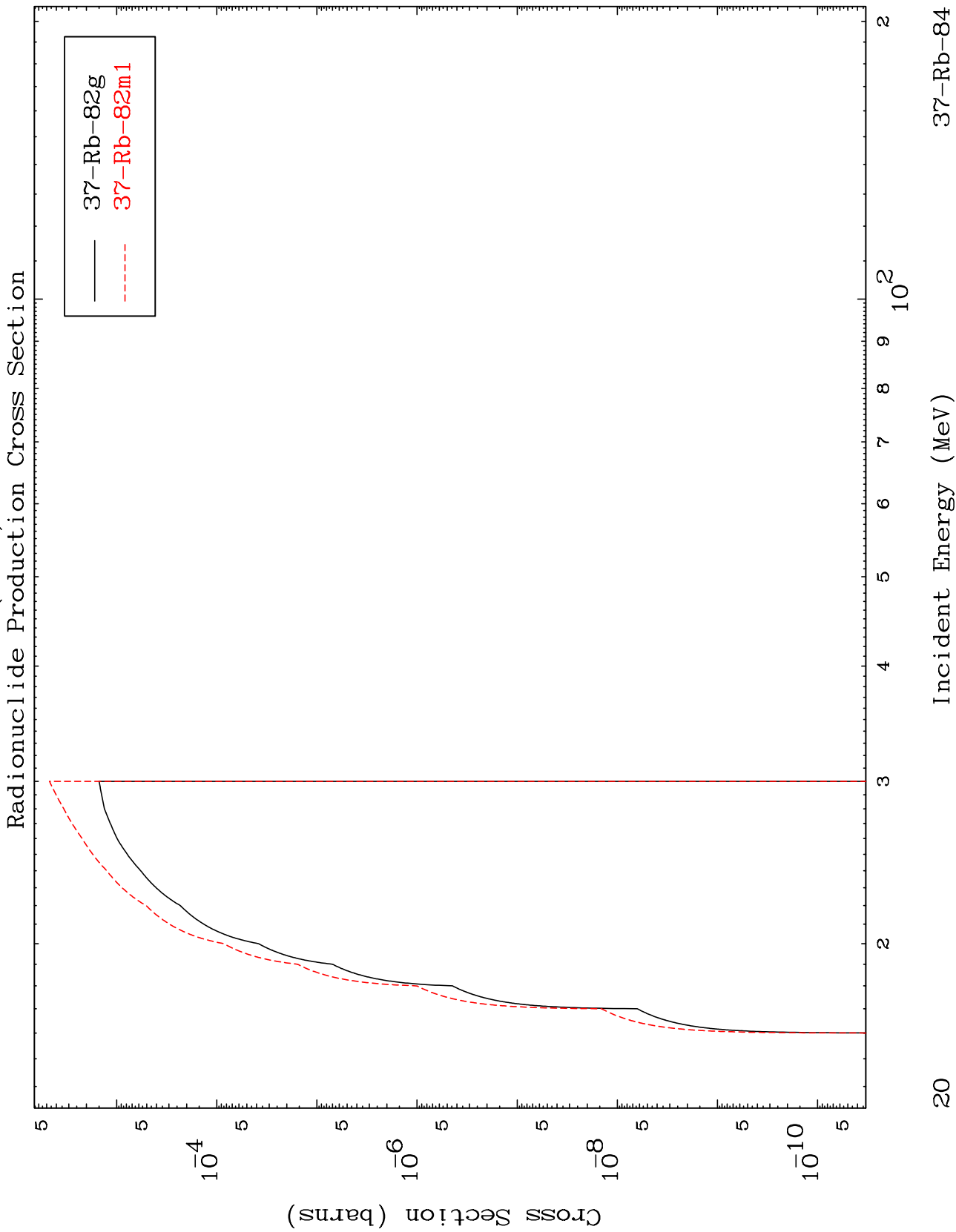
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,n') t

37-Rb-84



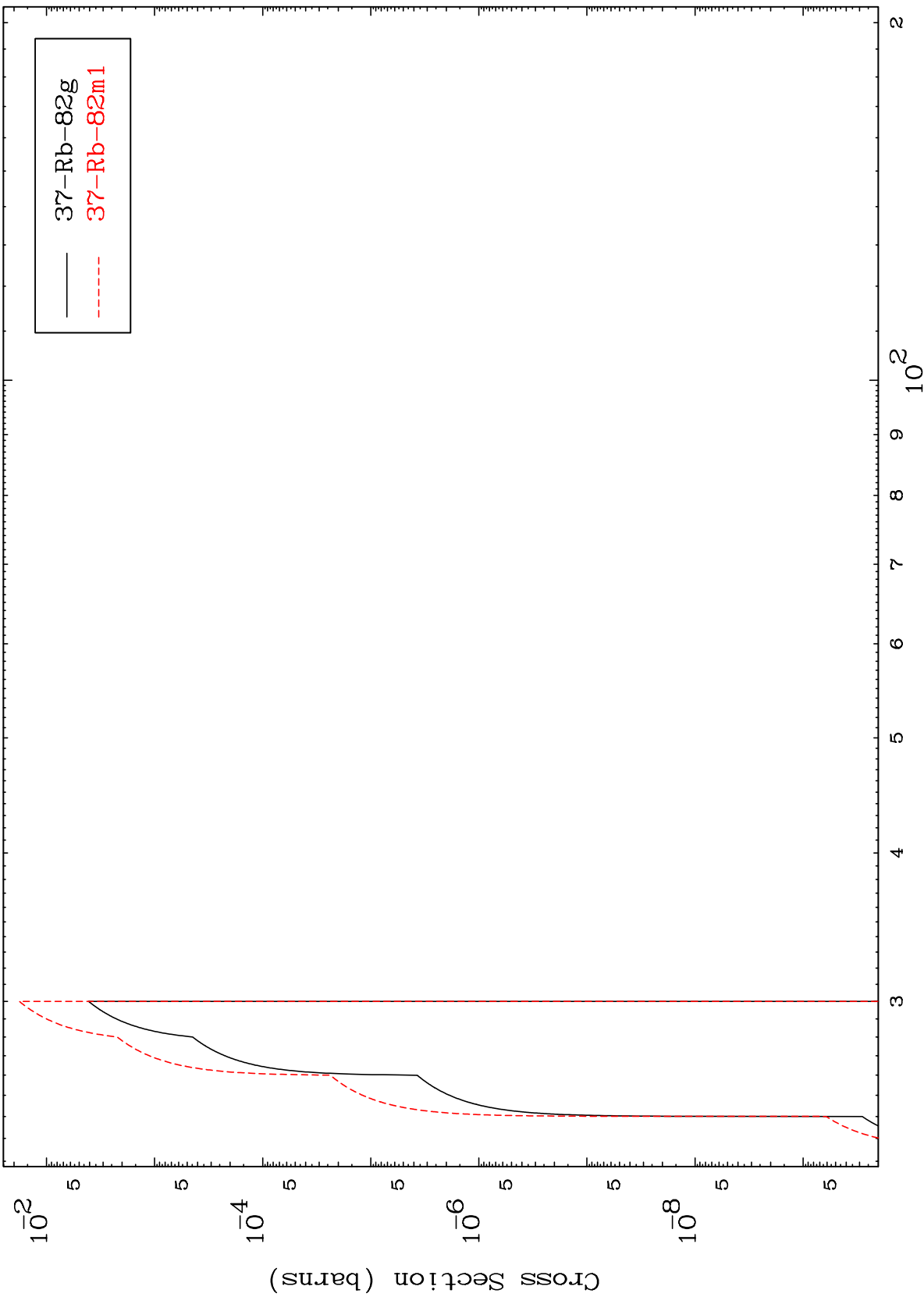
20

MAT 3722

(n,3n) p

37-Rb-84

Radionuclide Production Cross Section



37-Rb-82g  
37-Rb-82m1

21

Incident Energy (MeV)

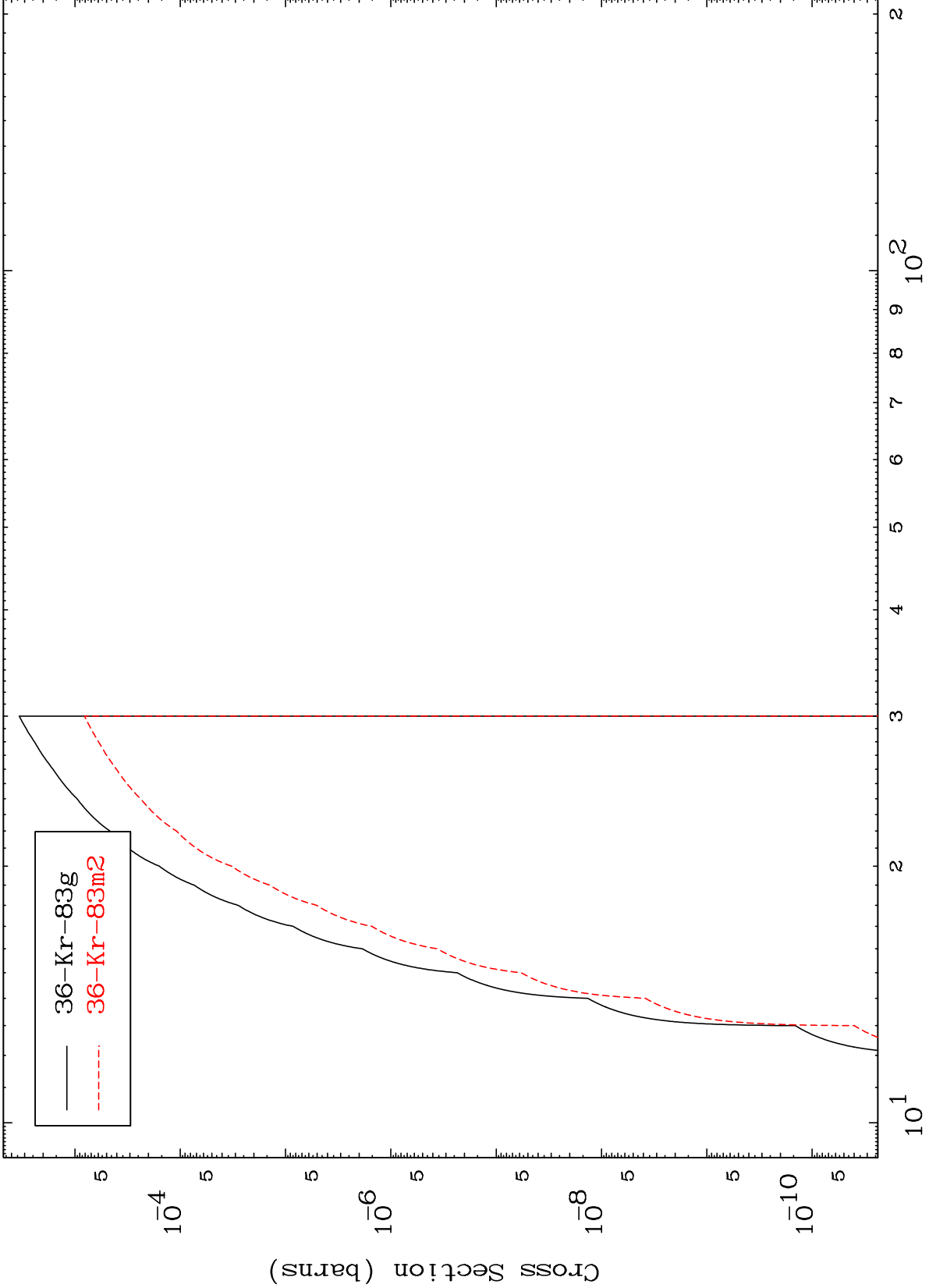
37-Rb-84

MAT 3722

(n,2n) p

37-Rb-84

Radionuclide Production Cross Section



22

Incident Energy (MeV)

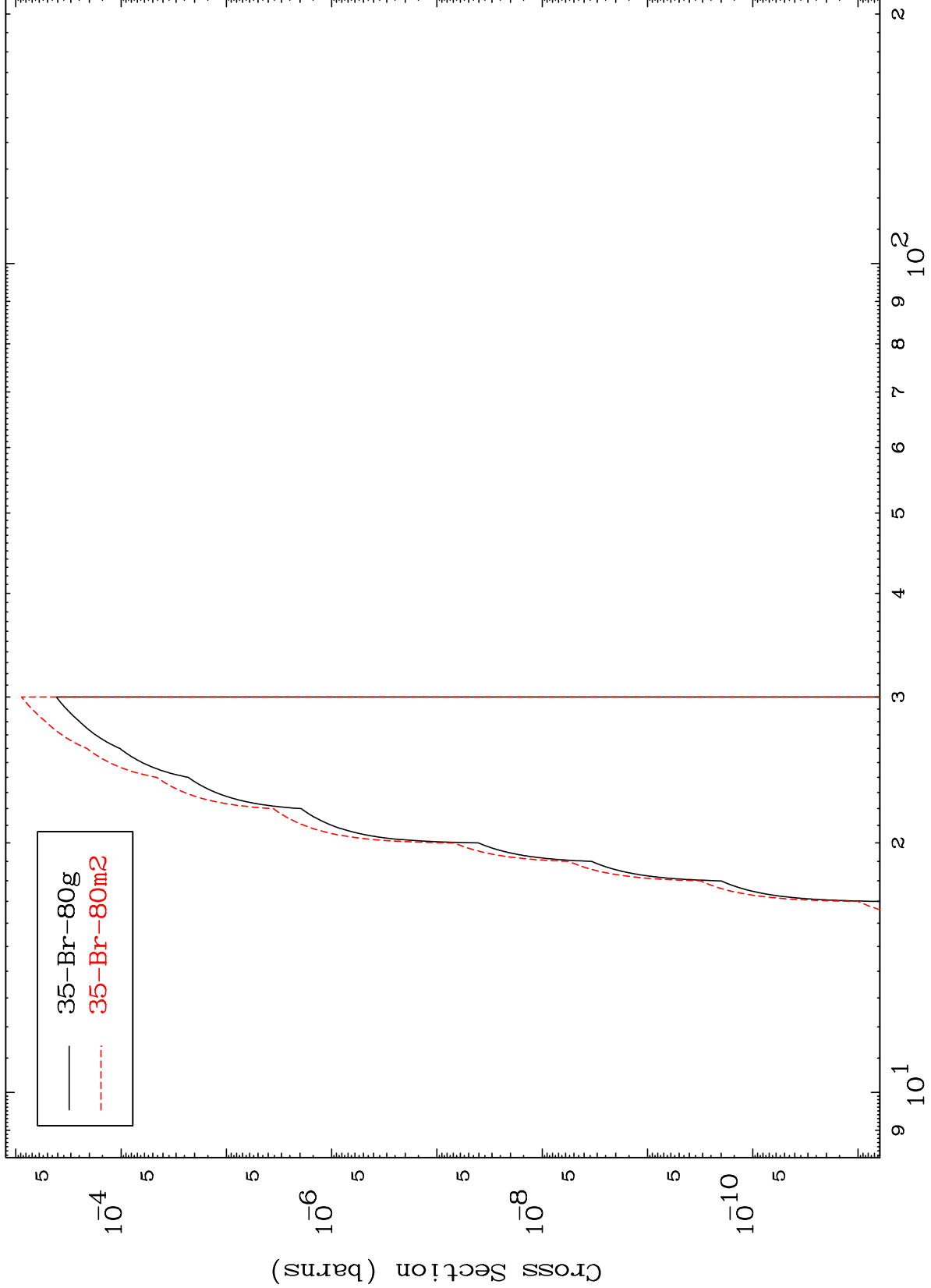
37-Rb-84

MAT 3722

(n,n') p  $\alpha$

37-Rb-84

Radionuclide Production Cross Section



23

Incident Energy (MeV)

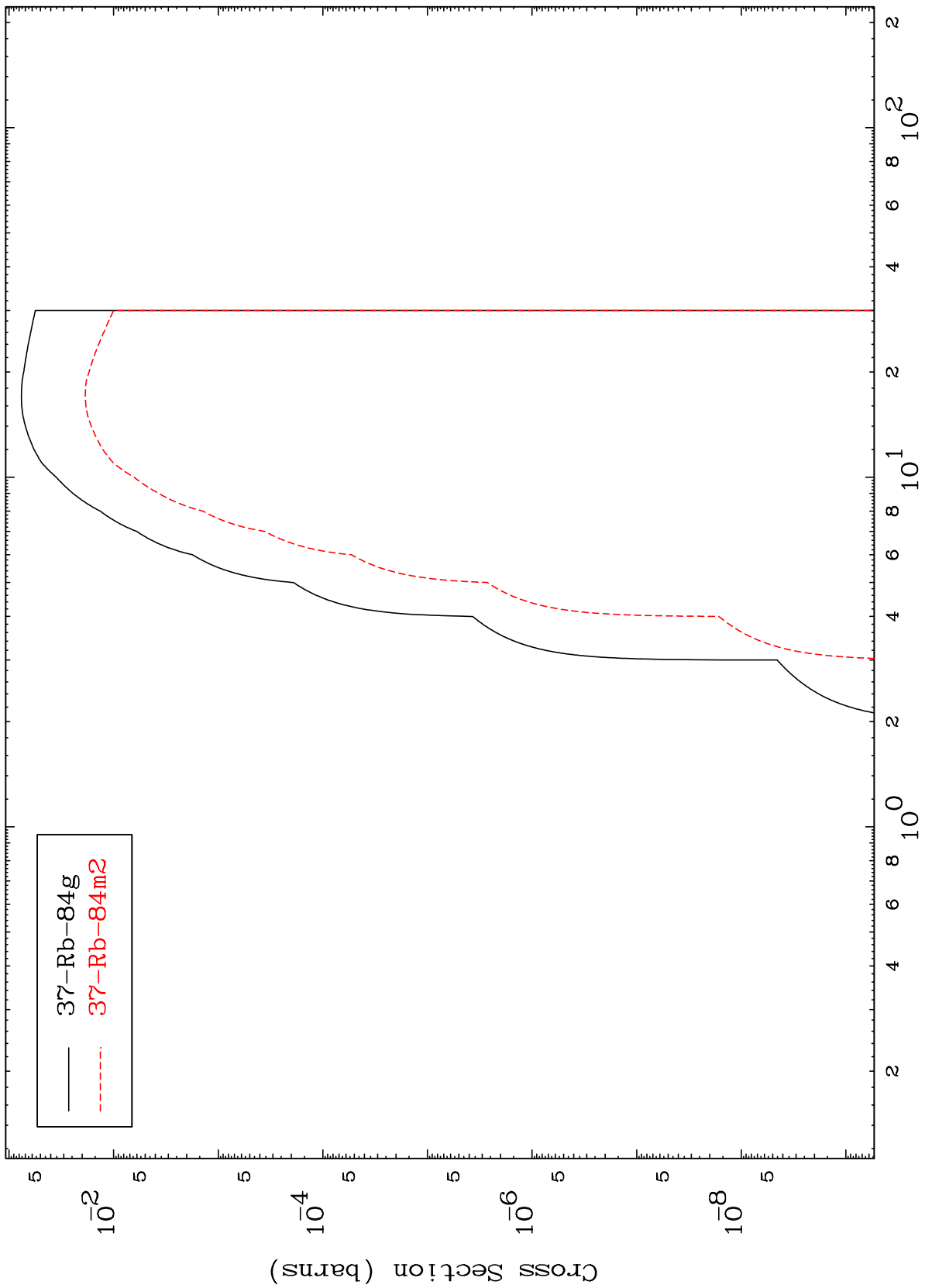
37-Rb-84



MAT 3722

37-Rb-84

(n,d)  
Radionuclide Production Cross Section

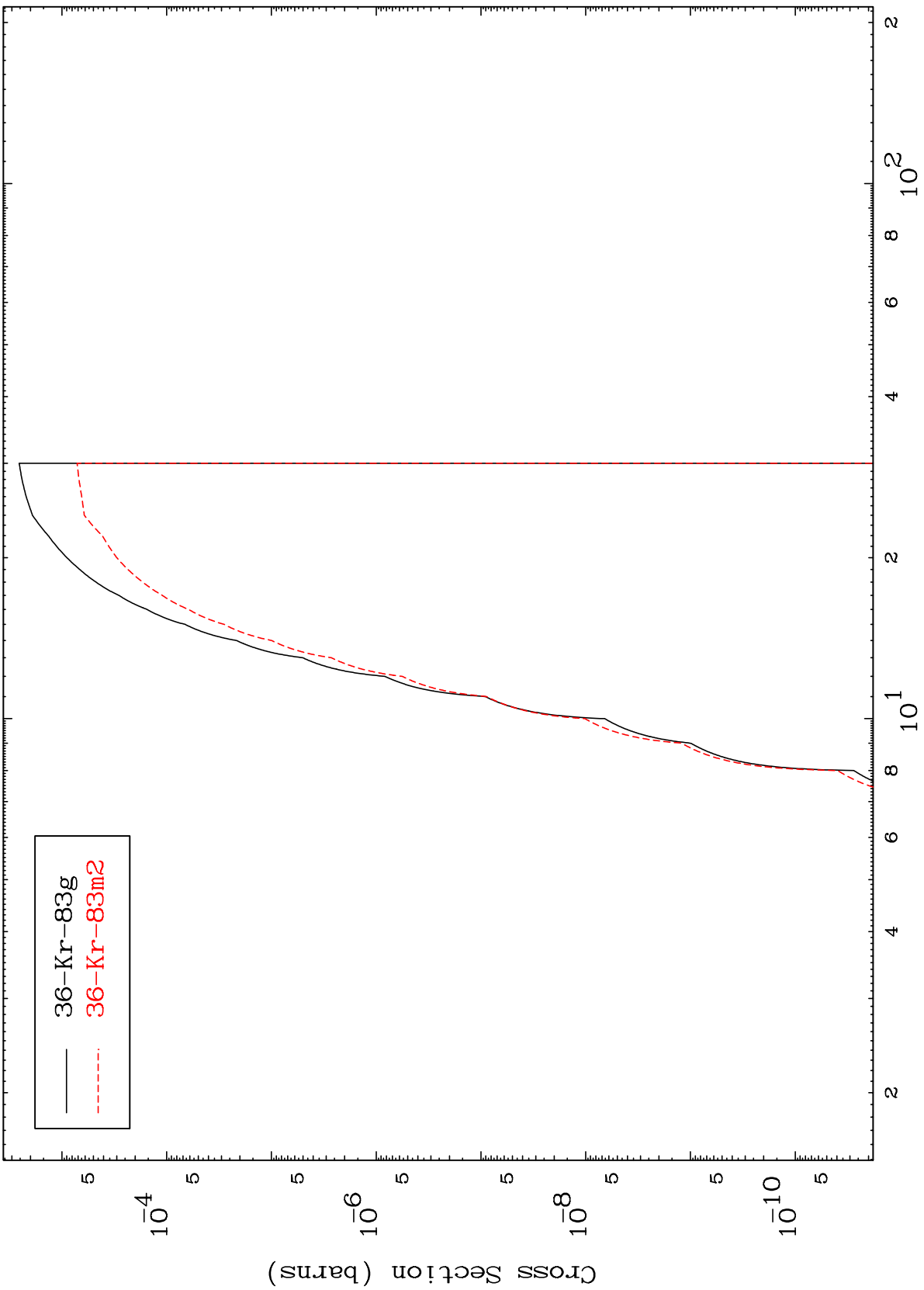


37-Rb-84

Incident Energy (MeV)

24

Radionuclide Production Cross Section  
(n,He-3)

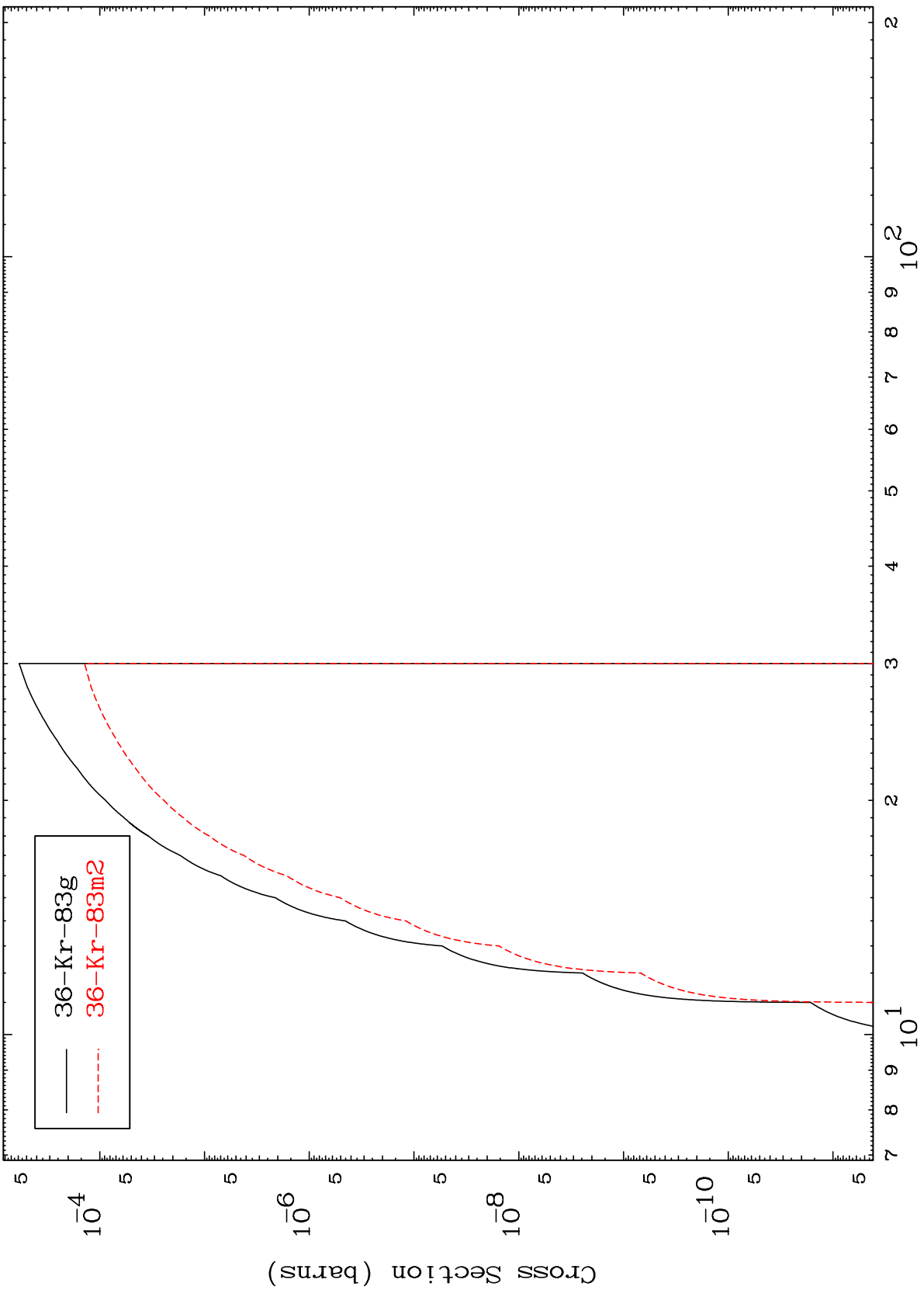


MAT 3722

(n,p) d

37-Rb-84

Radionuclide Production Cross Section



26

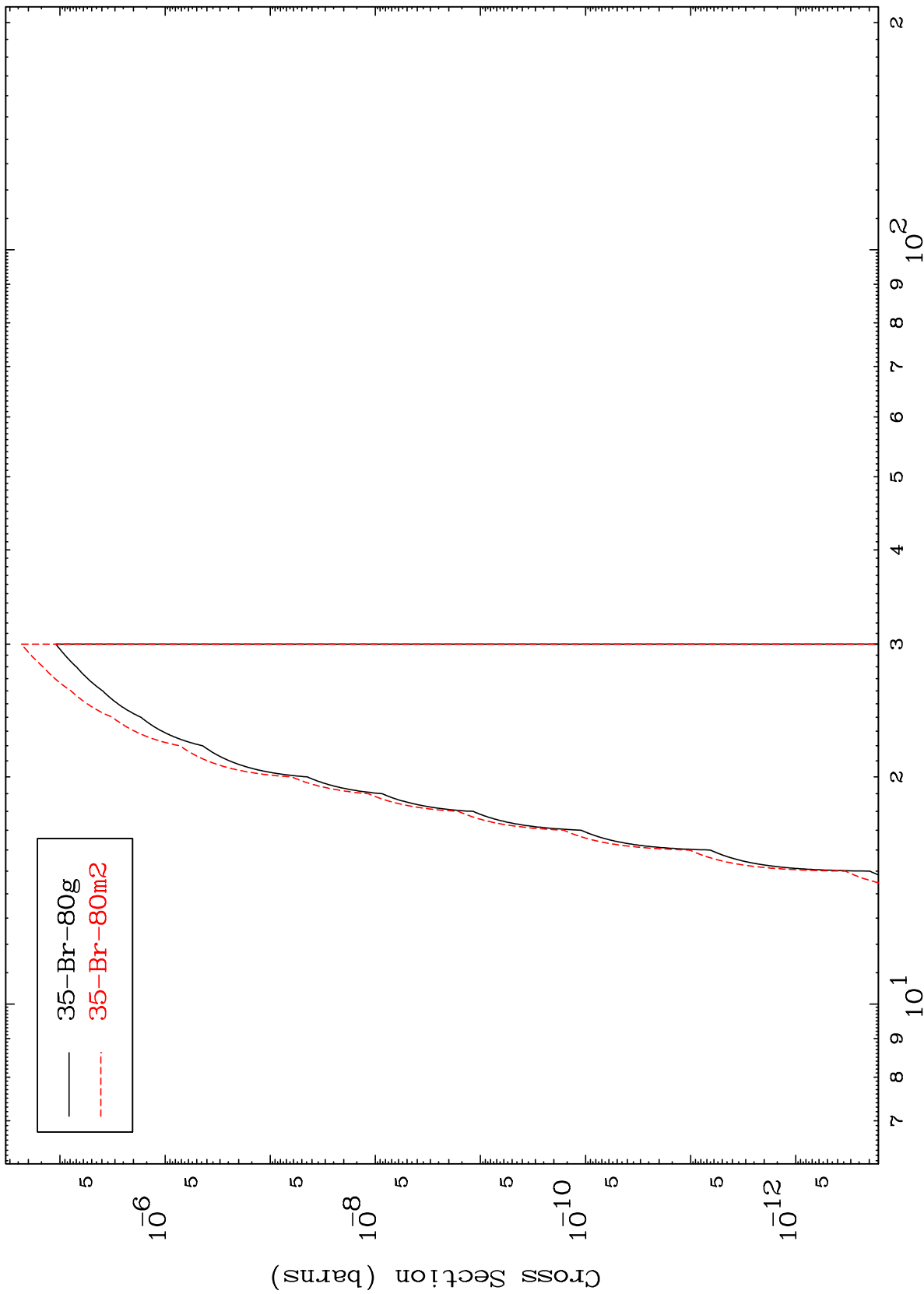
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,d)  $\alpha$   
Radionuclide Production Cross Section



27

Incident Energy (MeV)

37-Rb-84