

Program EVALPLOT  
(Version 2017-1)

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

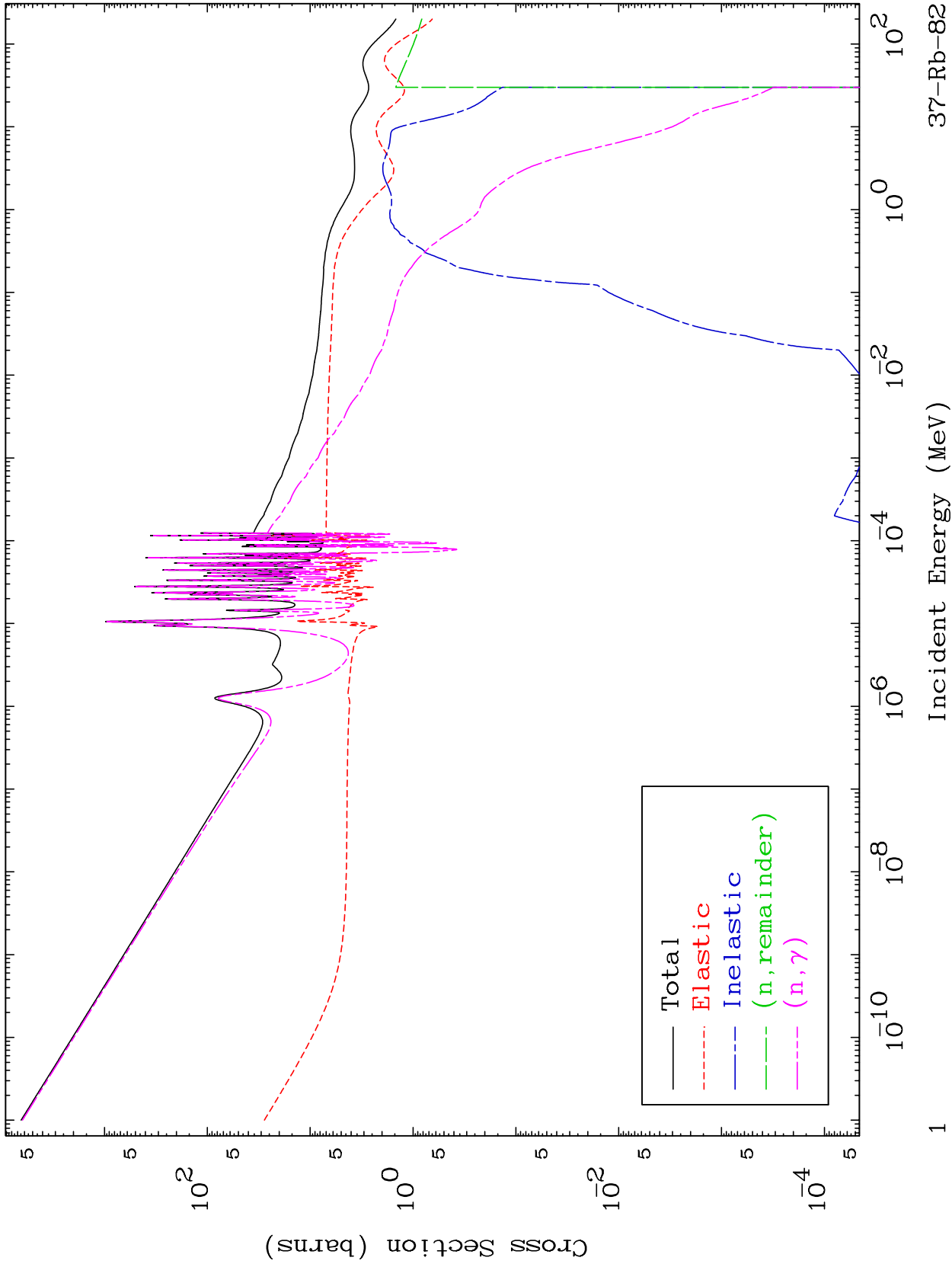
Press Mouse Button to Start

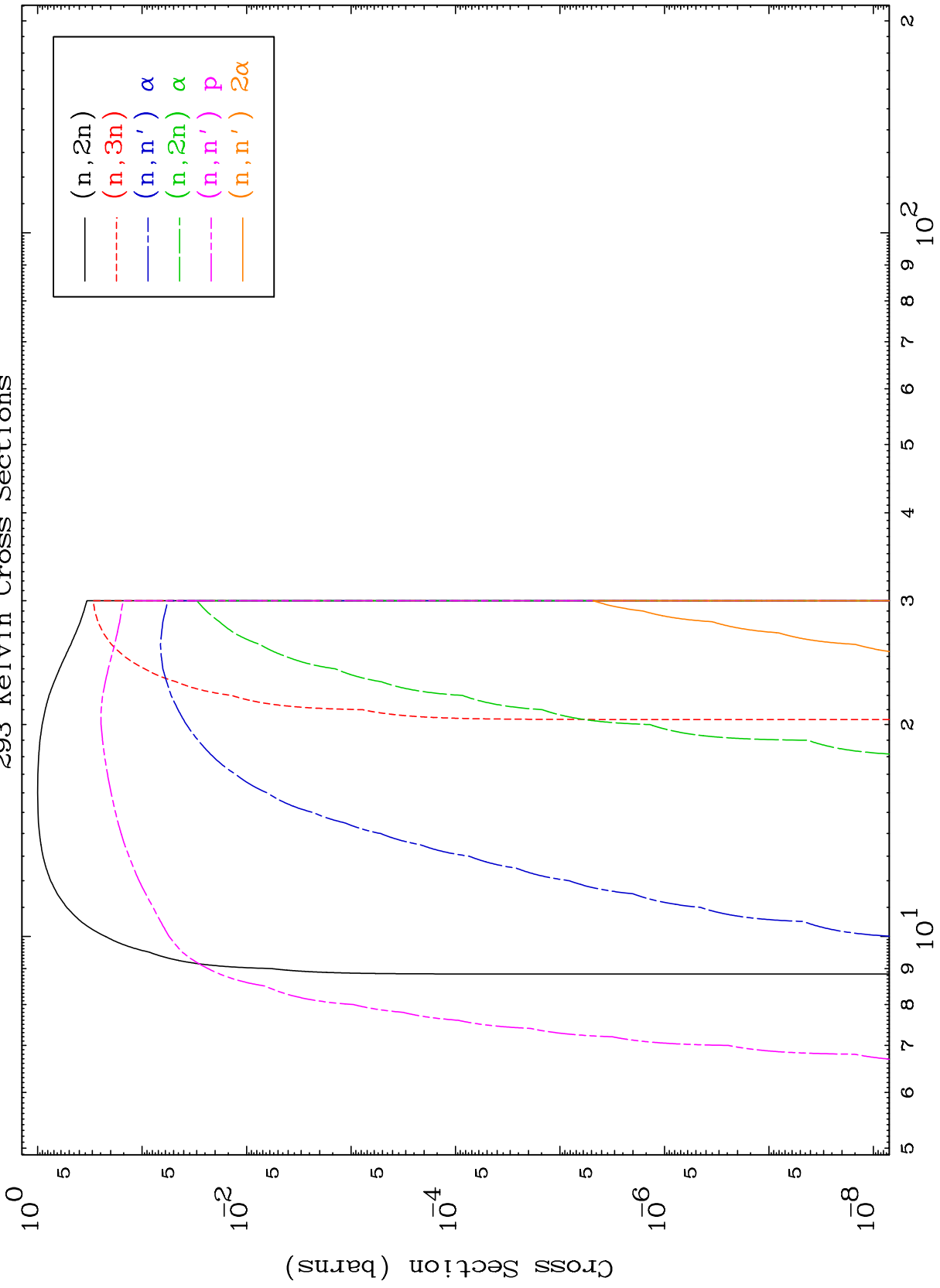
MAT 3717

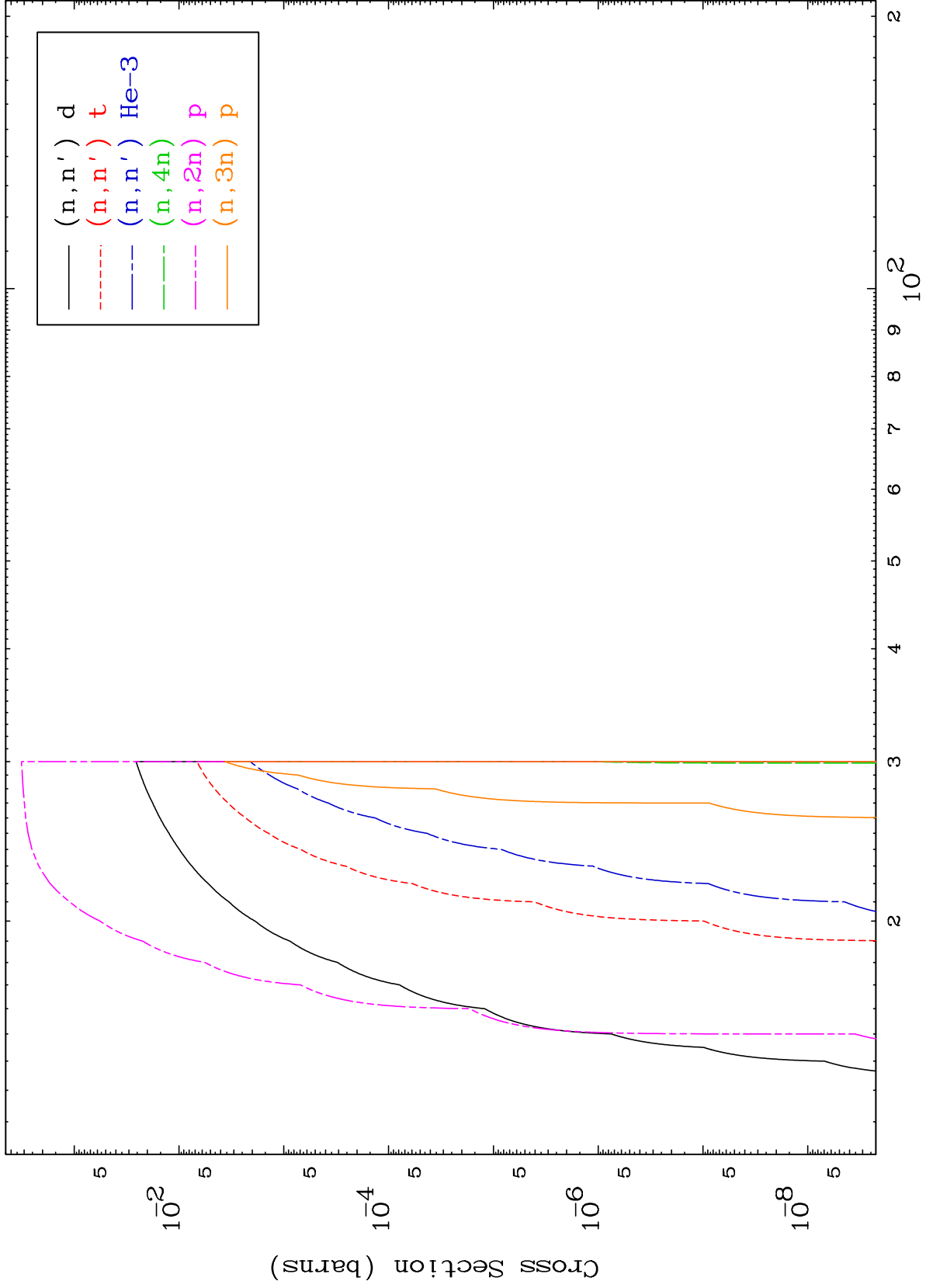
Major

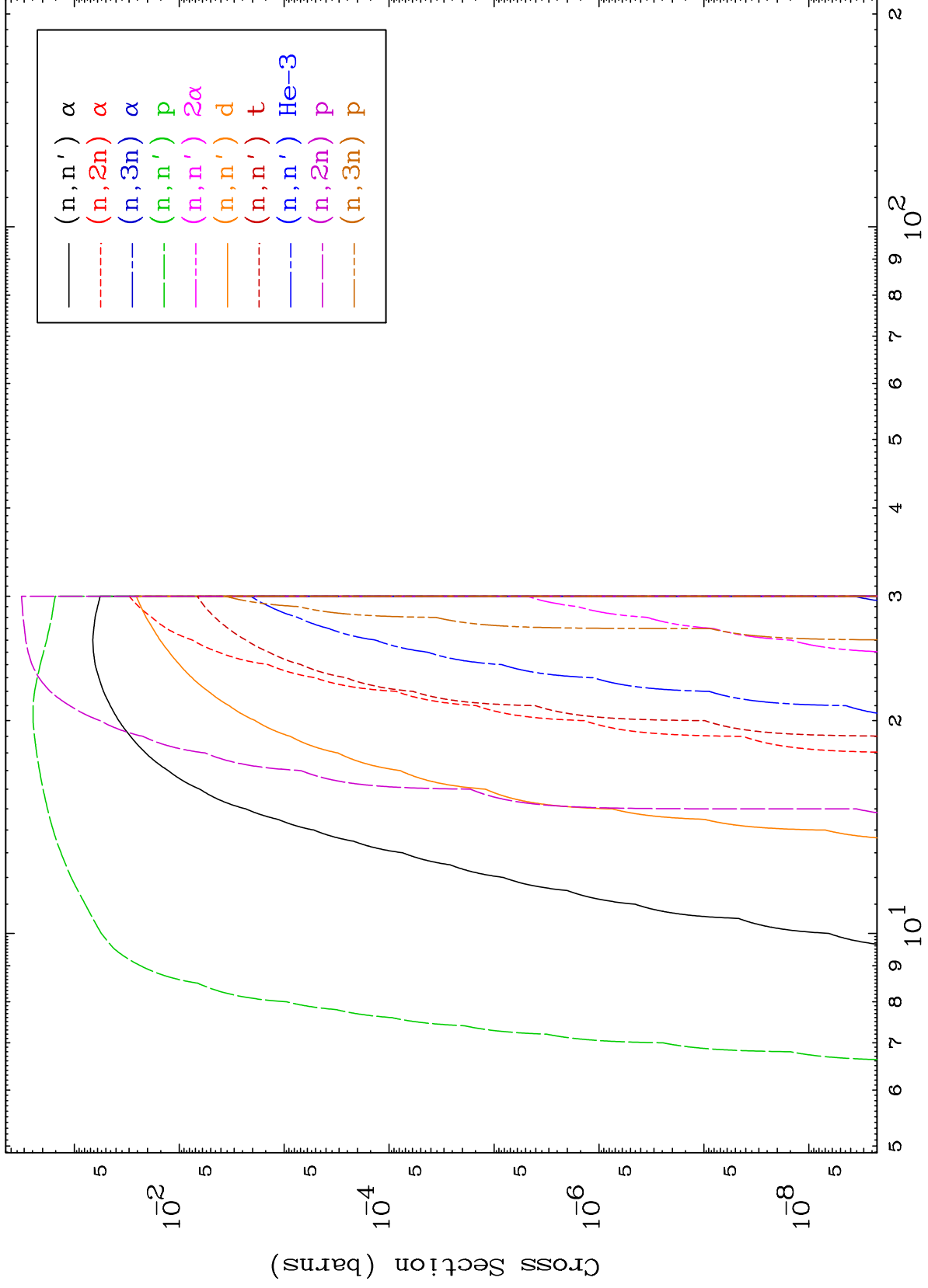
293 Kelvin Cross Sections

37-Rb-82





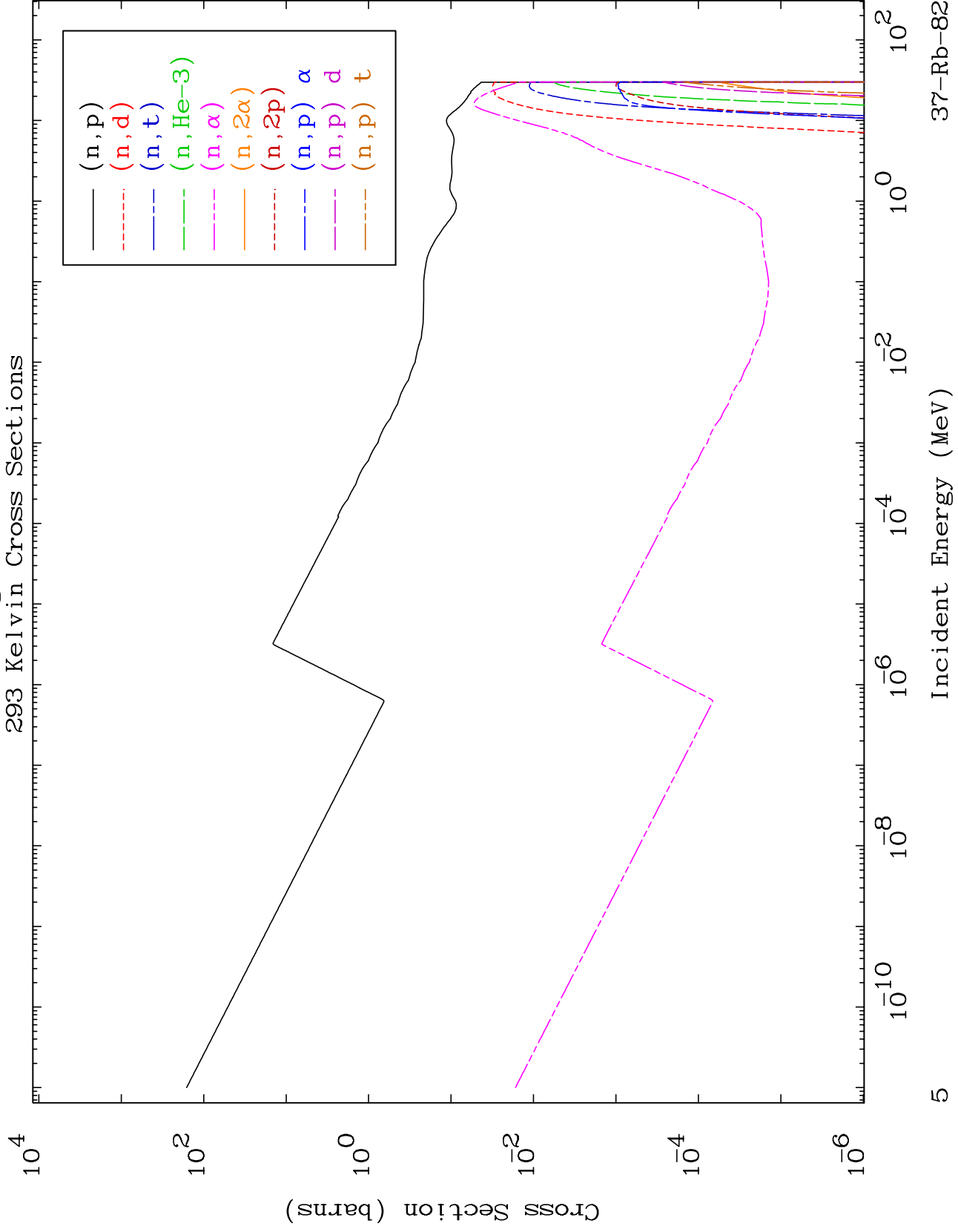




MAT 3717

Charged Particle  
293 Kelvin Cross Sections

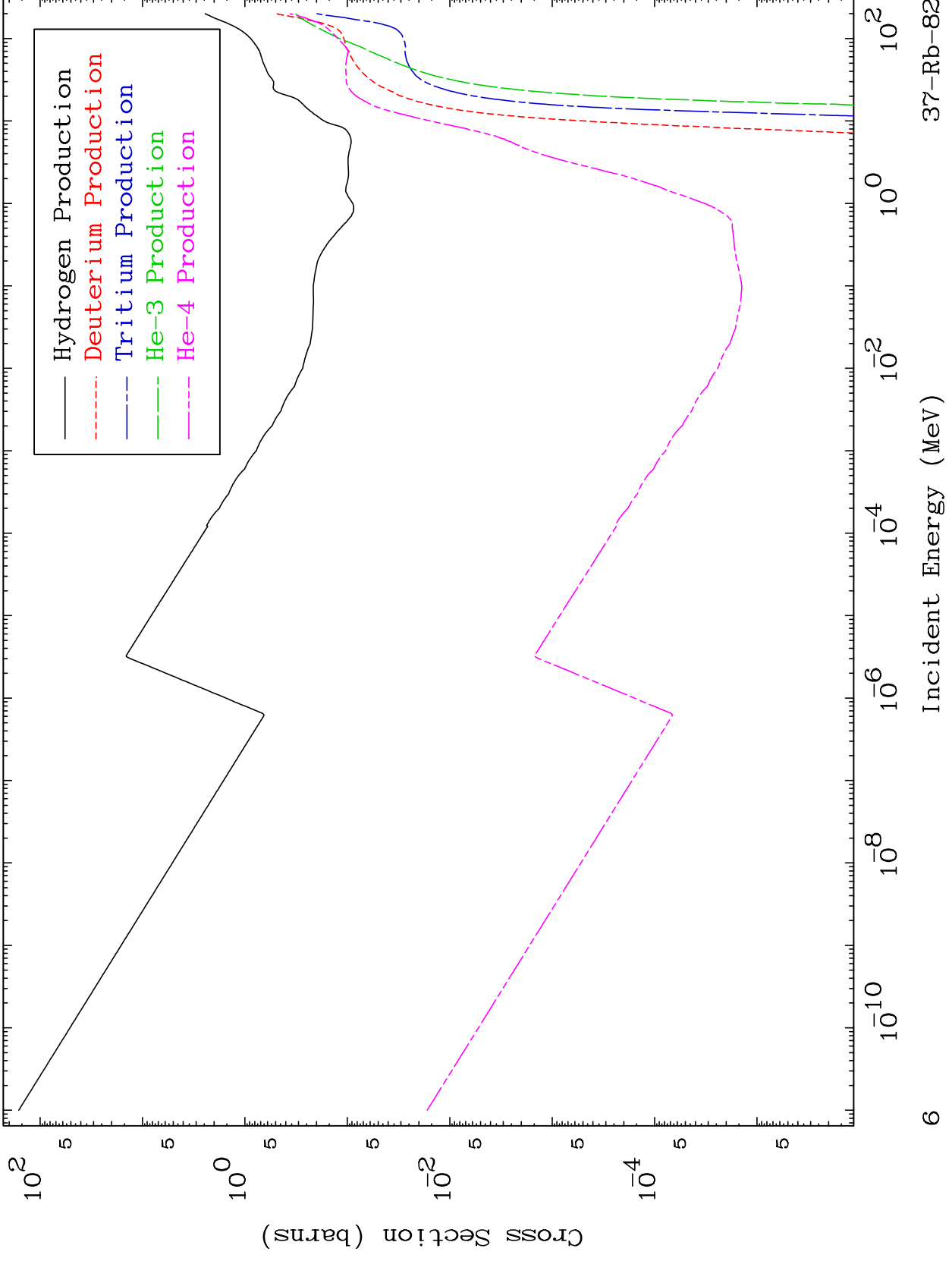
37-Rb-82



MAT 3717

Particle Production  
293 Kelvin Cross Sections

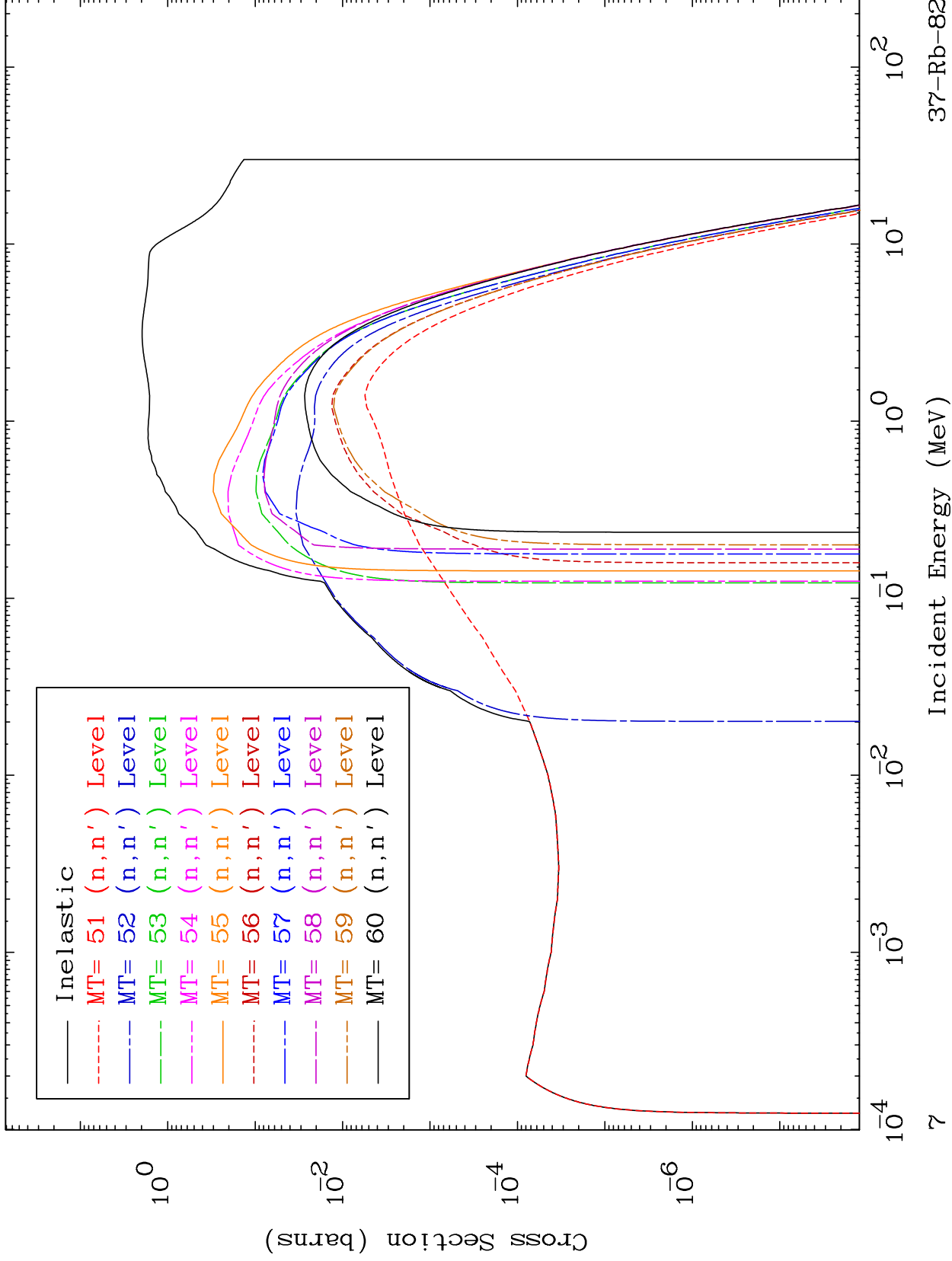
37-Rb-82



MAT 3717

(n,n') Level  
293 Kelvin Cross Sections

37-Rb-82



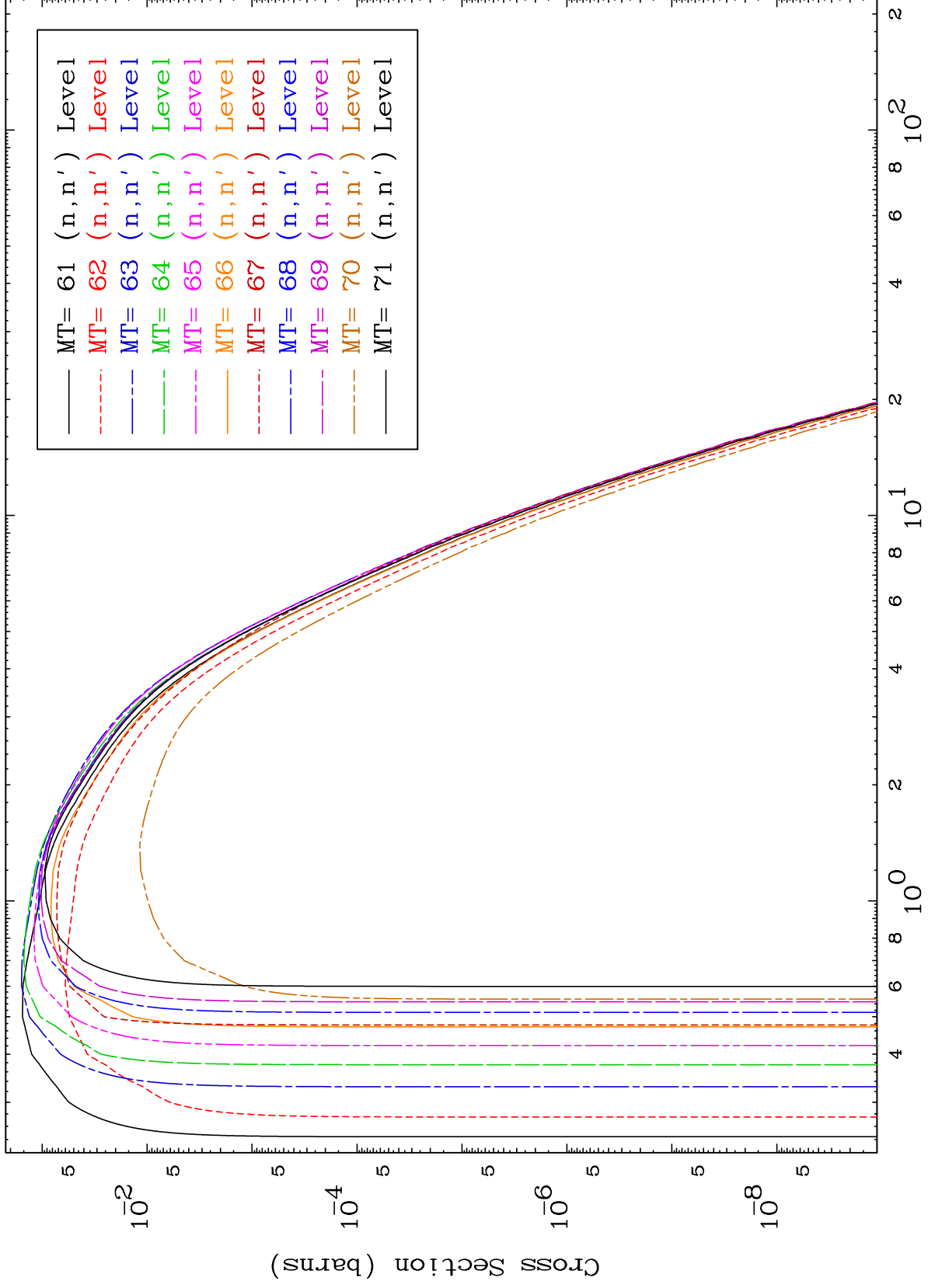


MAT 3717

(n,n') Level

37-Rb-82

293 Kelvin Cross Sections

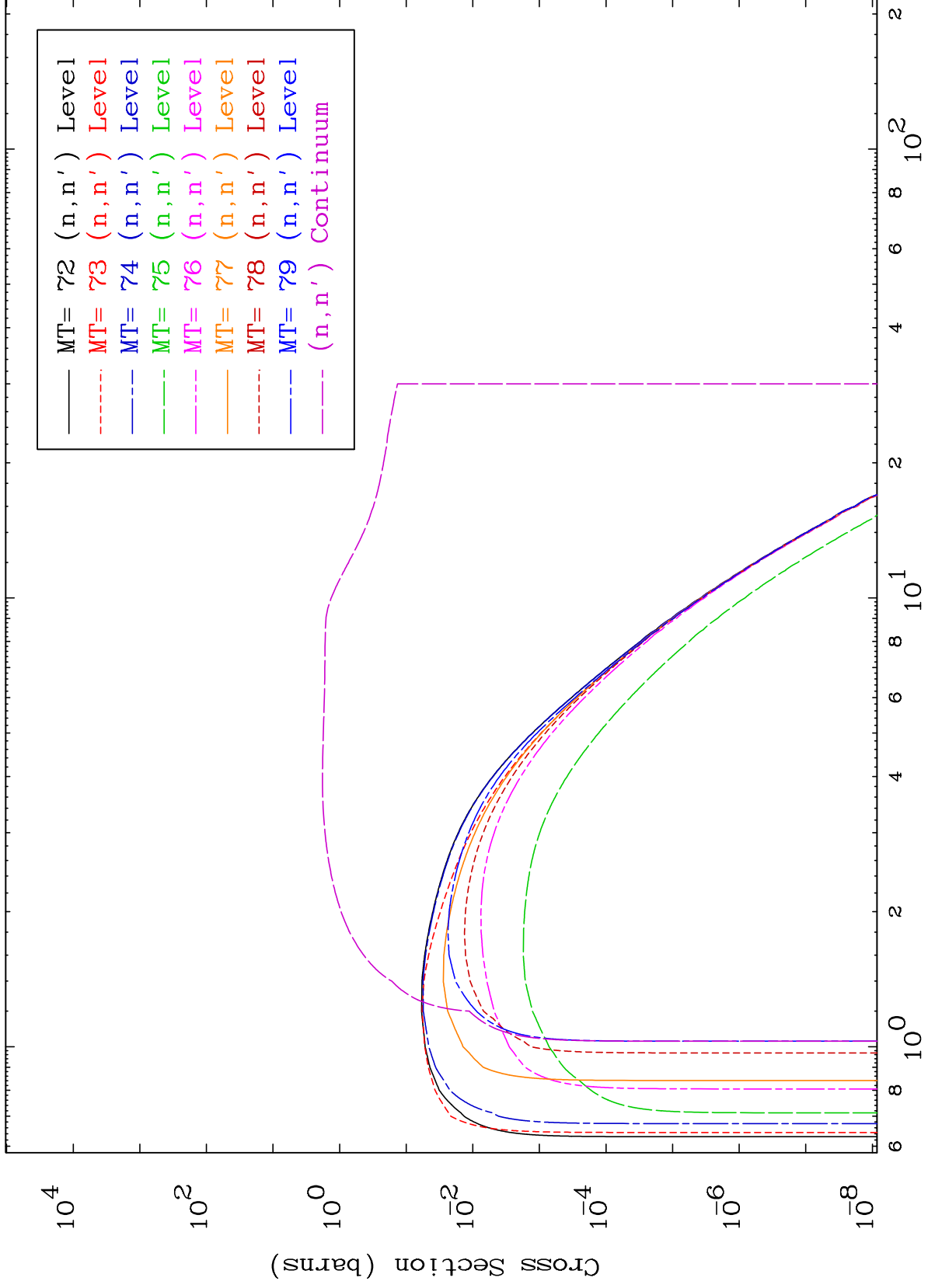


8

Incident Energy (MeV)

37-Rb-82

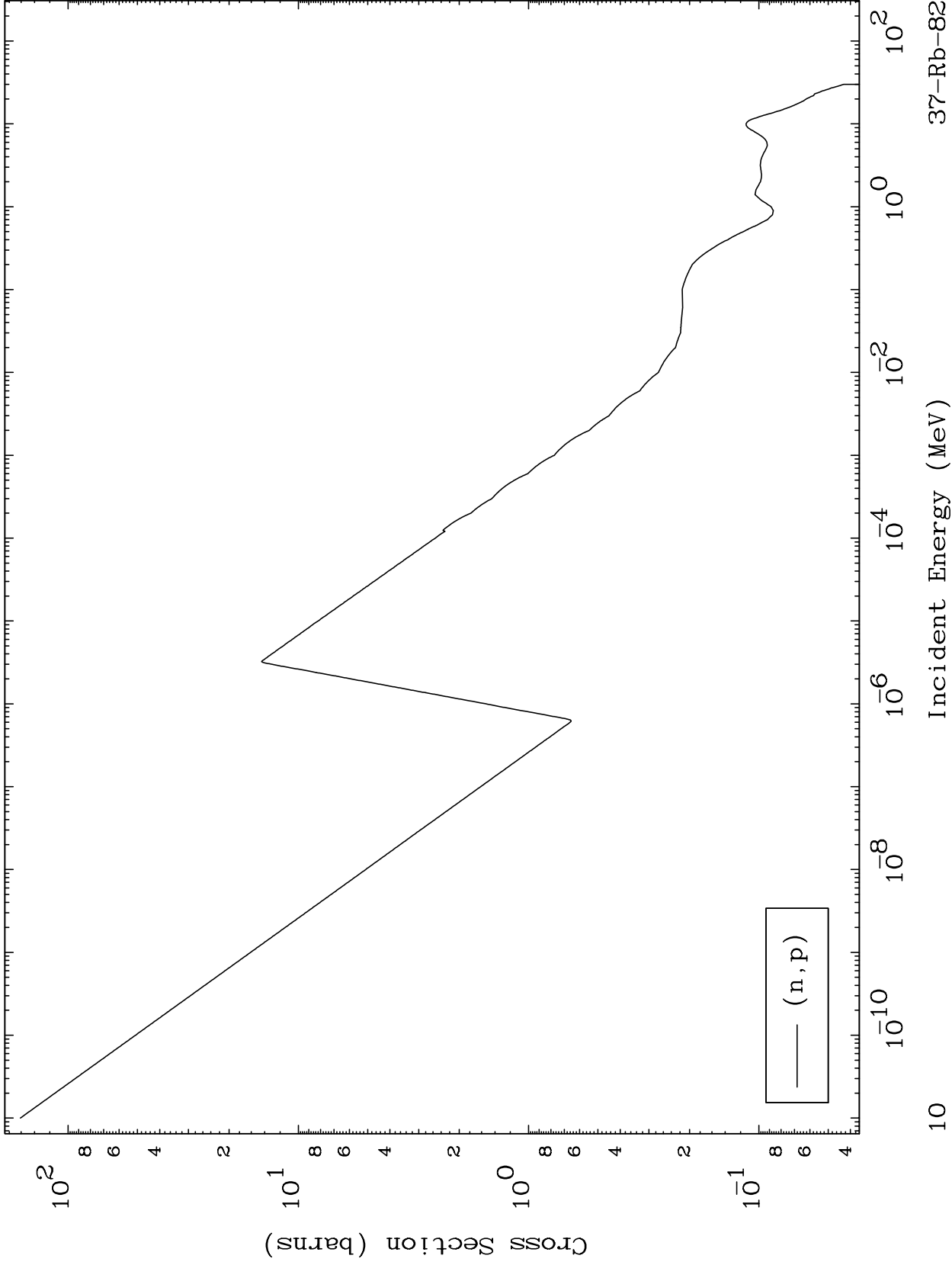
293 Kelvin Cross Sections



MAT 3717

(n,p) Levels  
293 Kelvin Cross Sections

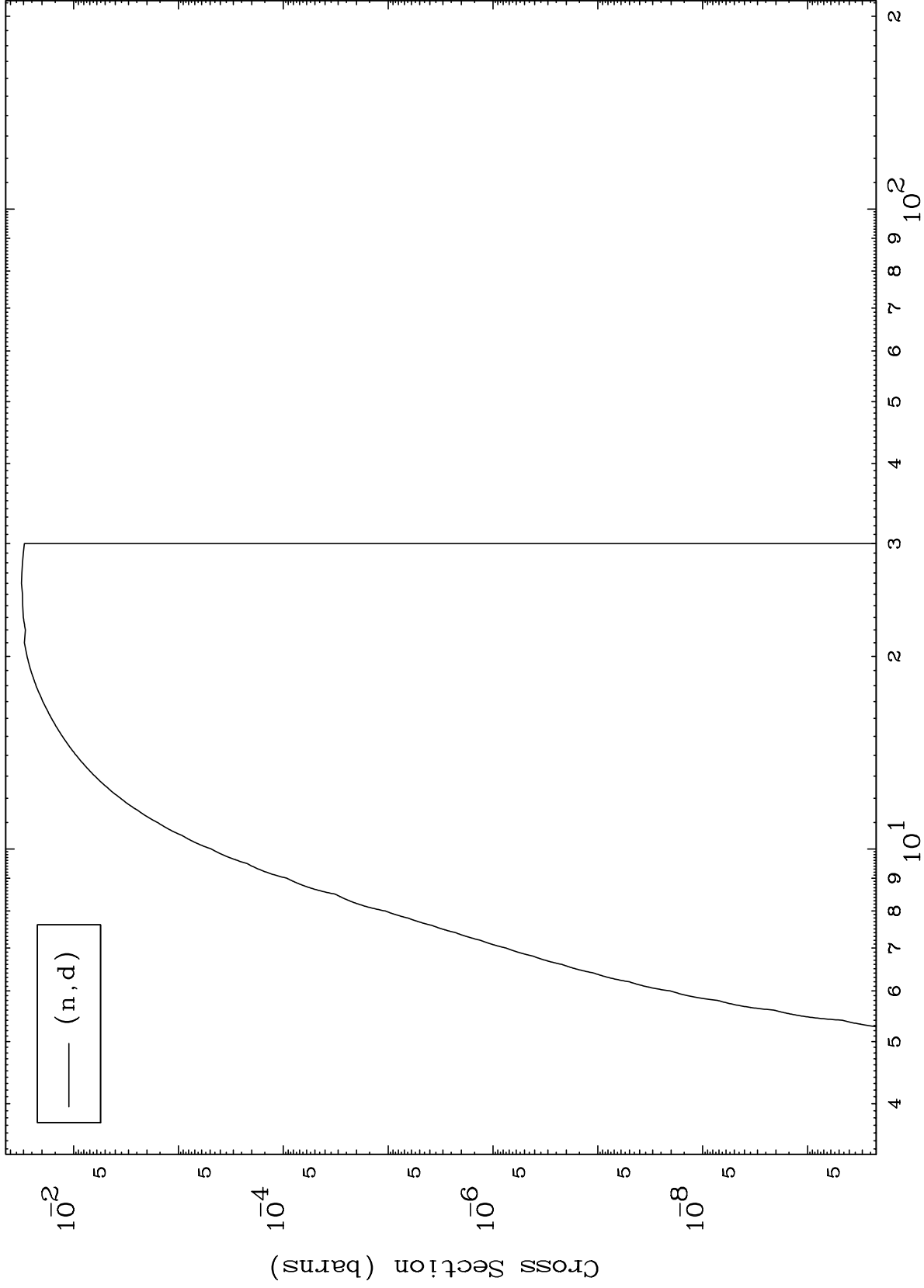
37-Rb-82



MAT 3717

(n,d) Levels  
293 Kelvin Cross Sections

37-Rb-82



11

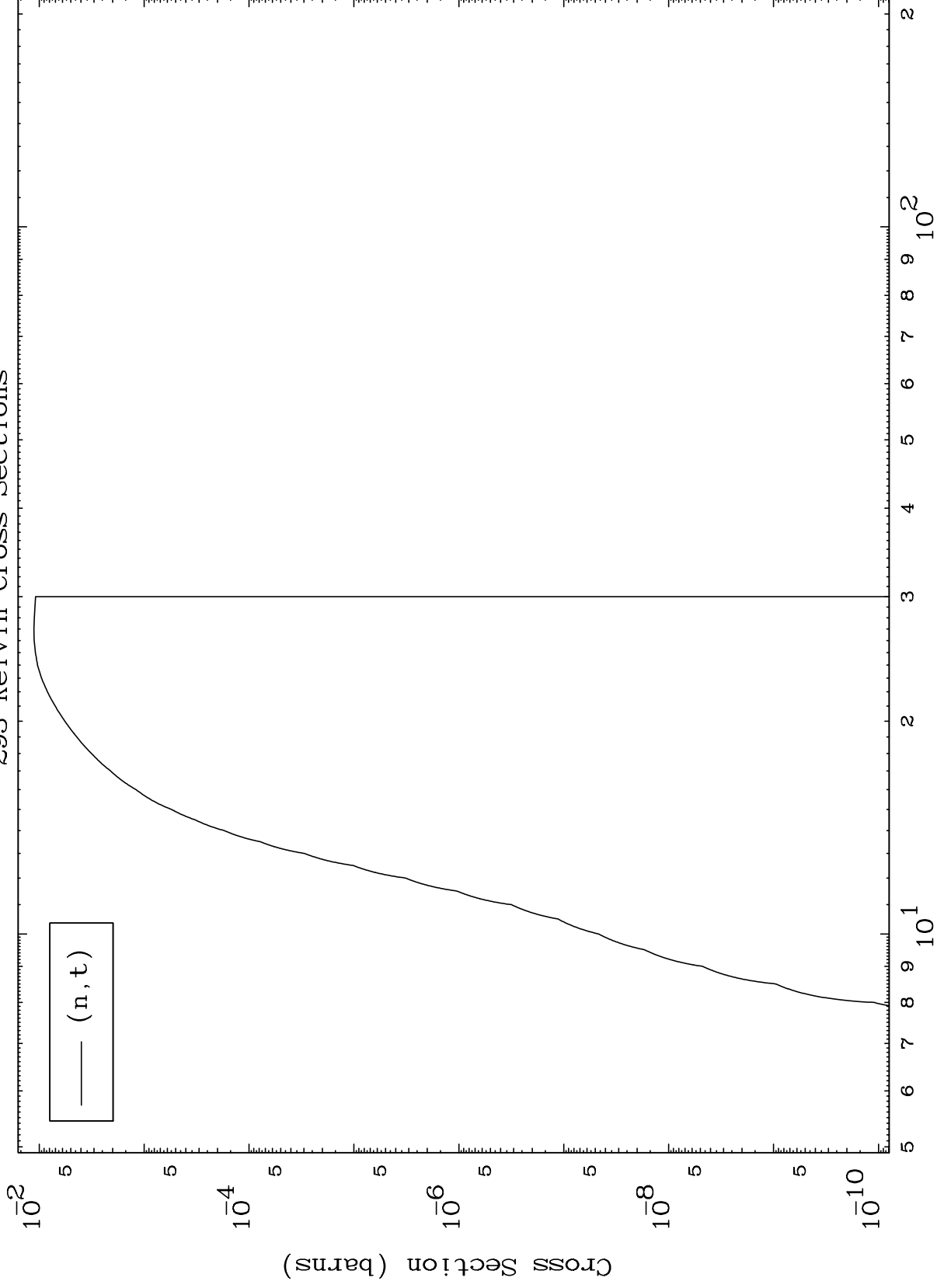
Incident Energy (MeV)

37-Rb-82

MAT 3717

(n,t) Levels  
293 Kelvin Cross Sections

37-Rb-82



12

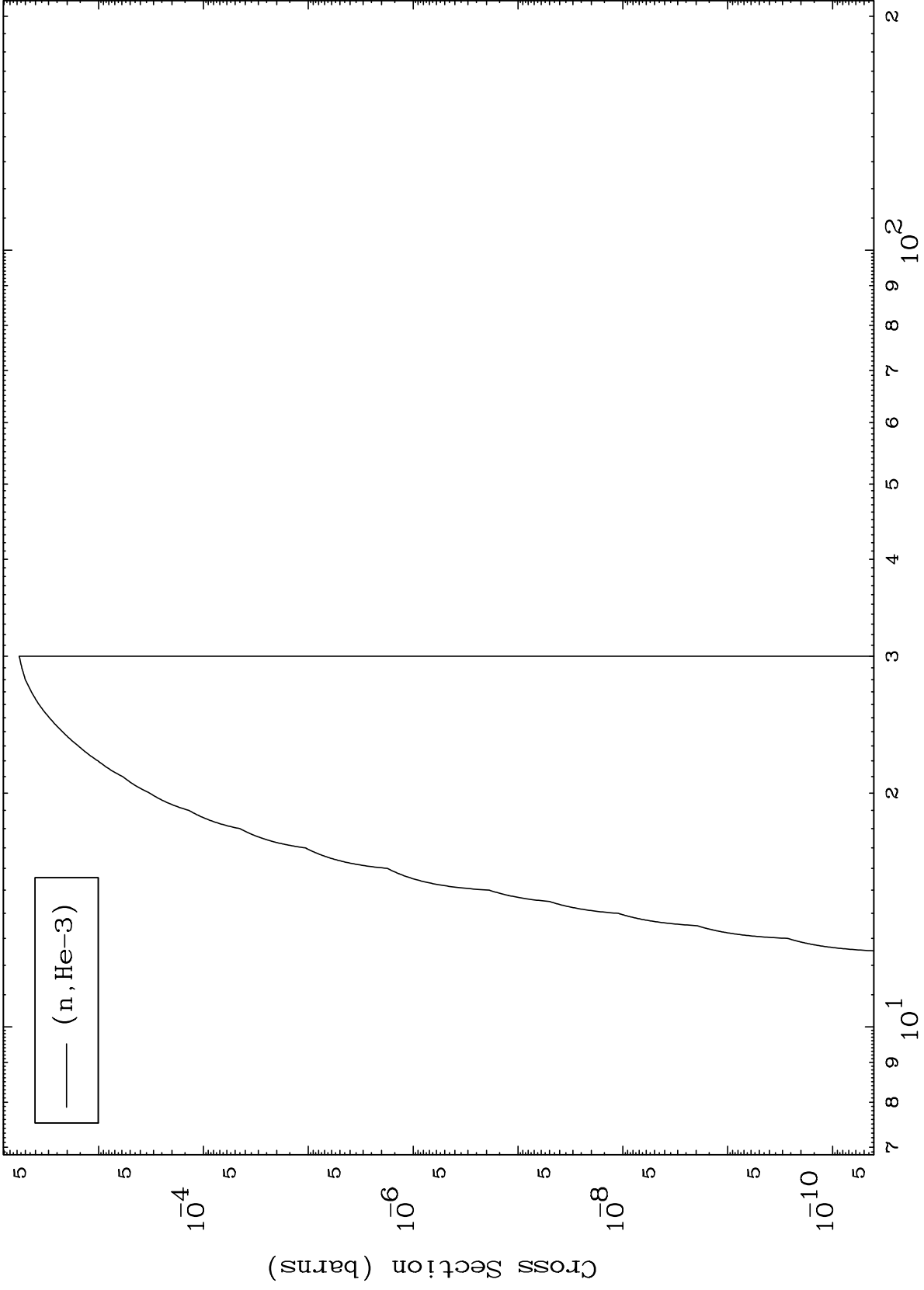
Incident Energy (MeV)

37-Rb-82

MAT 3717

(n,He3) Levels  
293 Kelvin Cross Sections

37-Rb-82



13

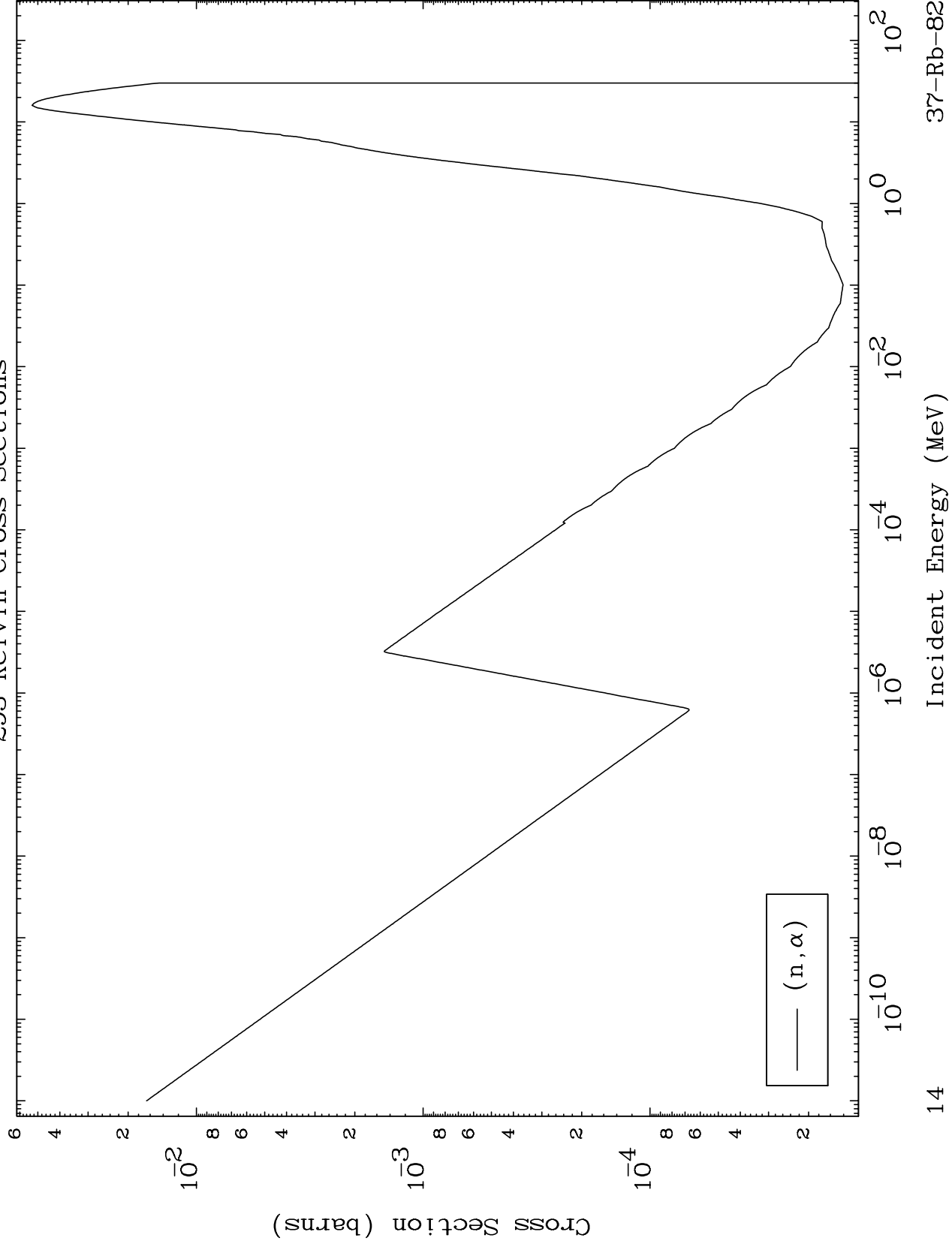
Incident Energy (MeV)

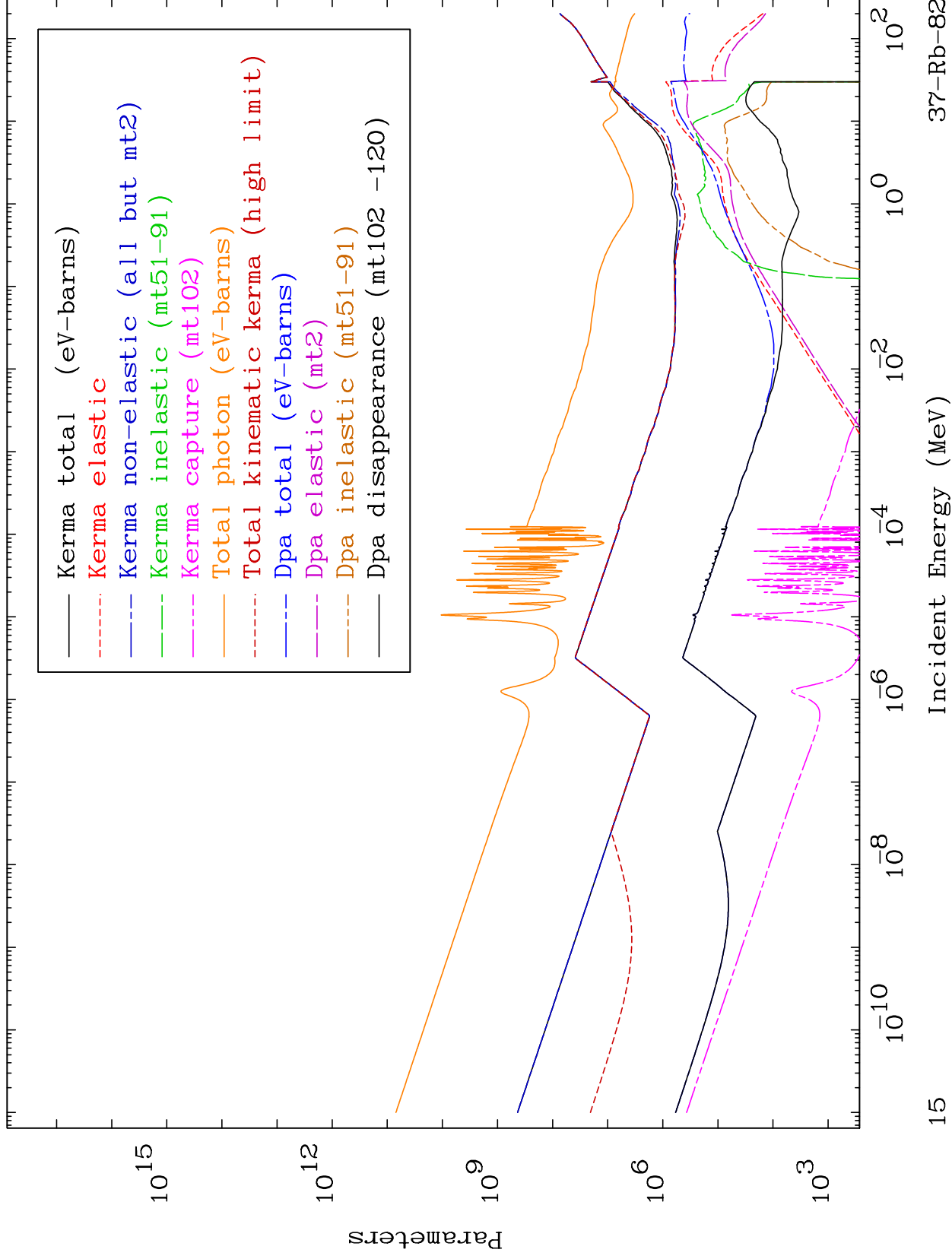
37-Rb-82

MAT 3717

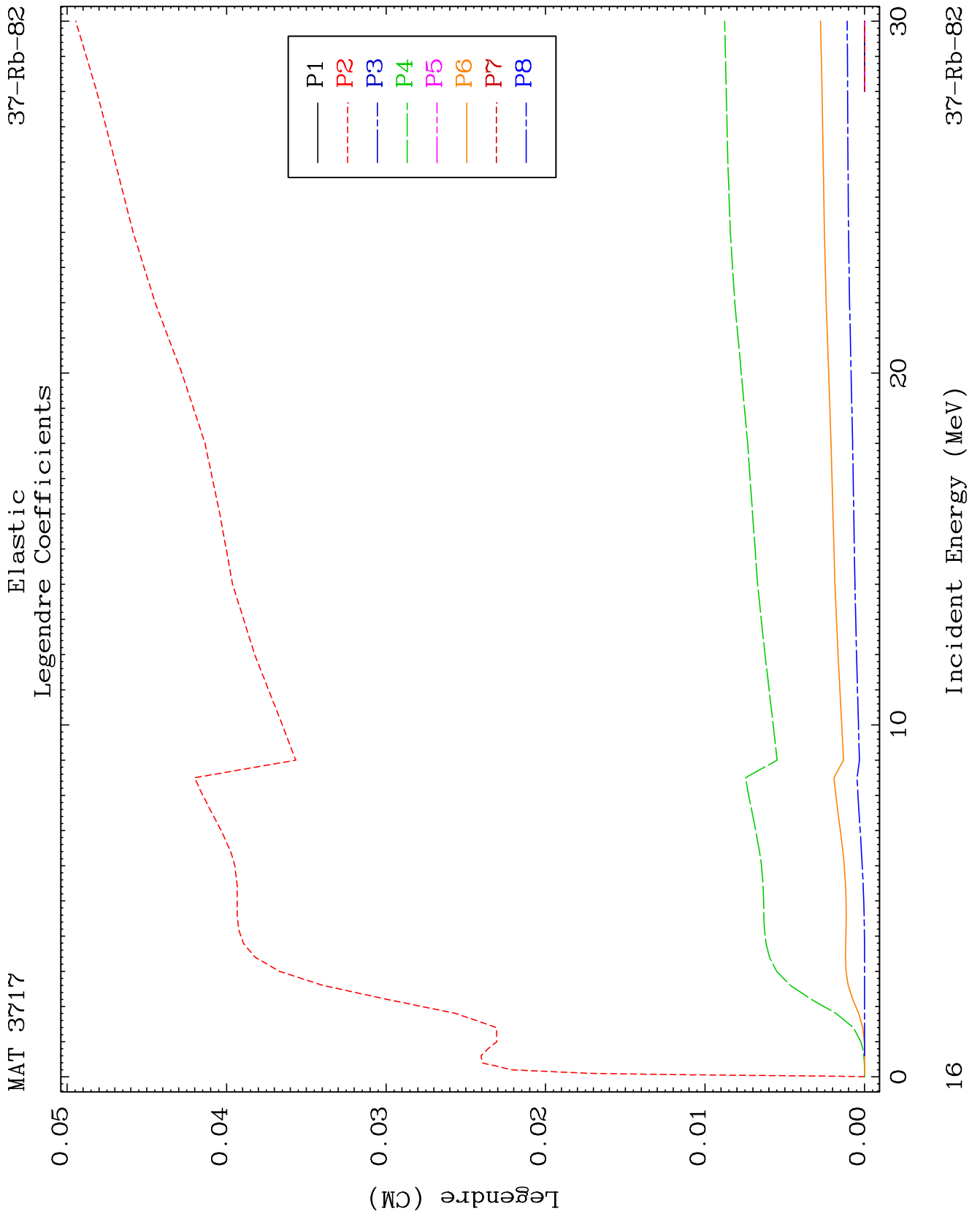
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

37-Rb-82









MAT 3717

Elastic Legendre Coefficients

37-Rb-82

16

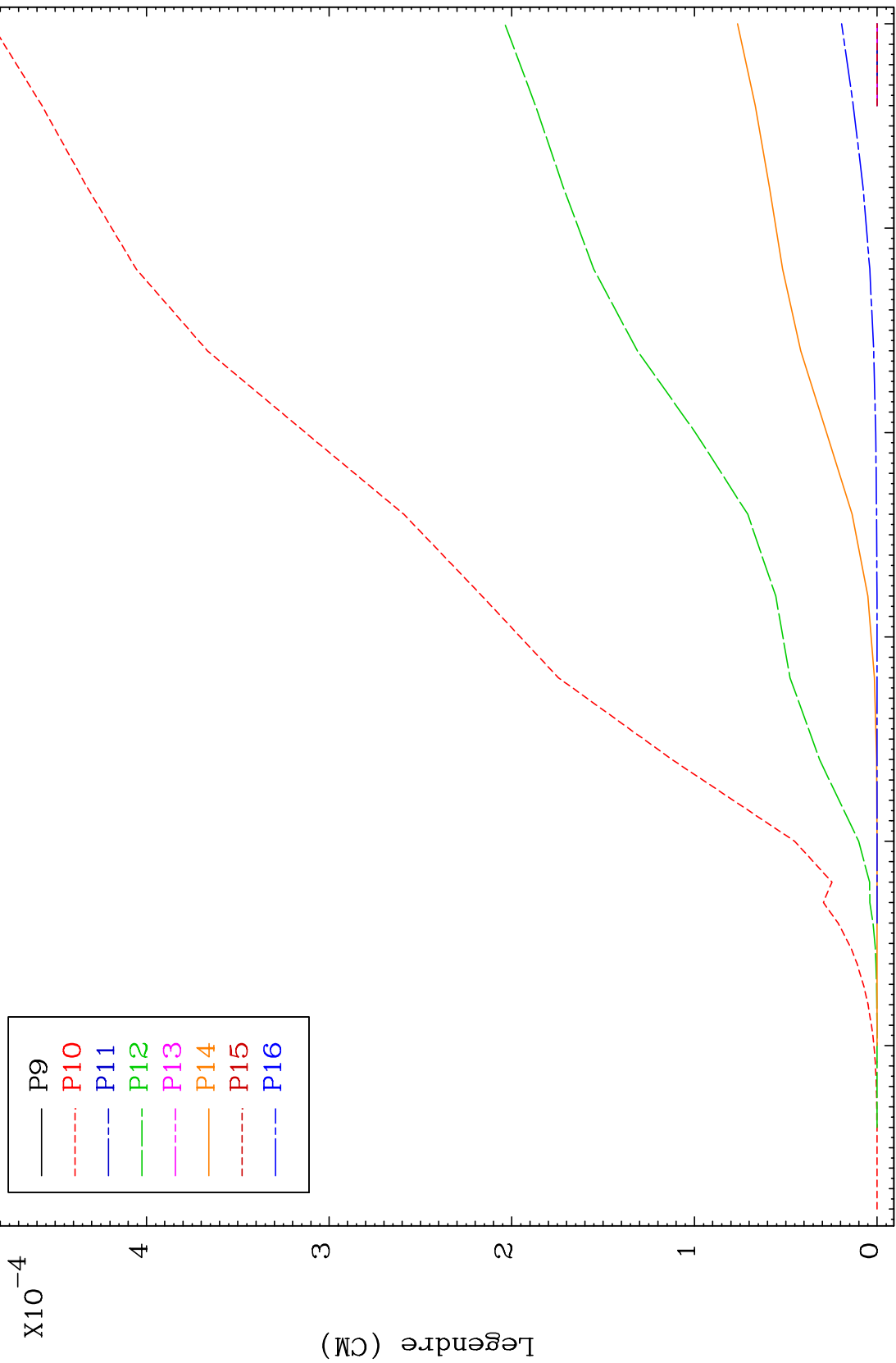
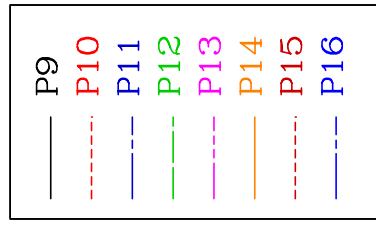
Incident Energy (MeV)

37-Rb-82

MAT 3717

Elastic Legendre Coefficients

37-Rb-82



17

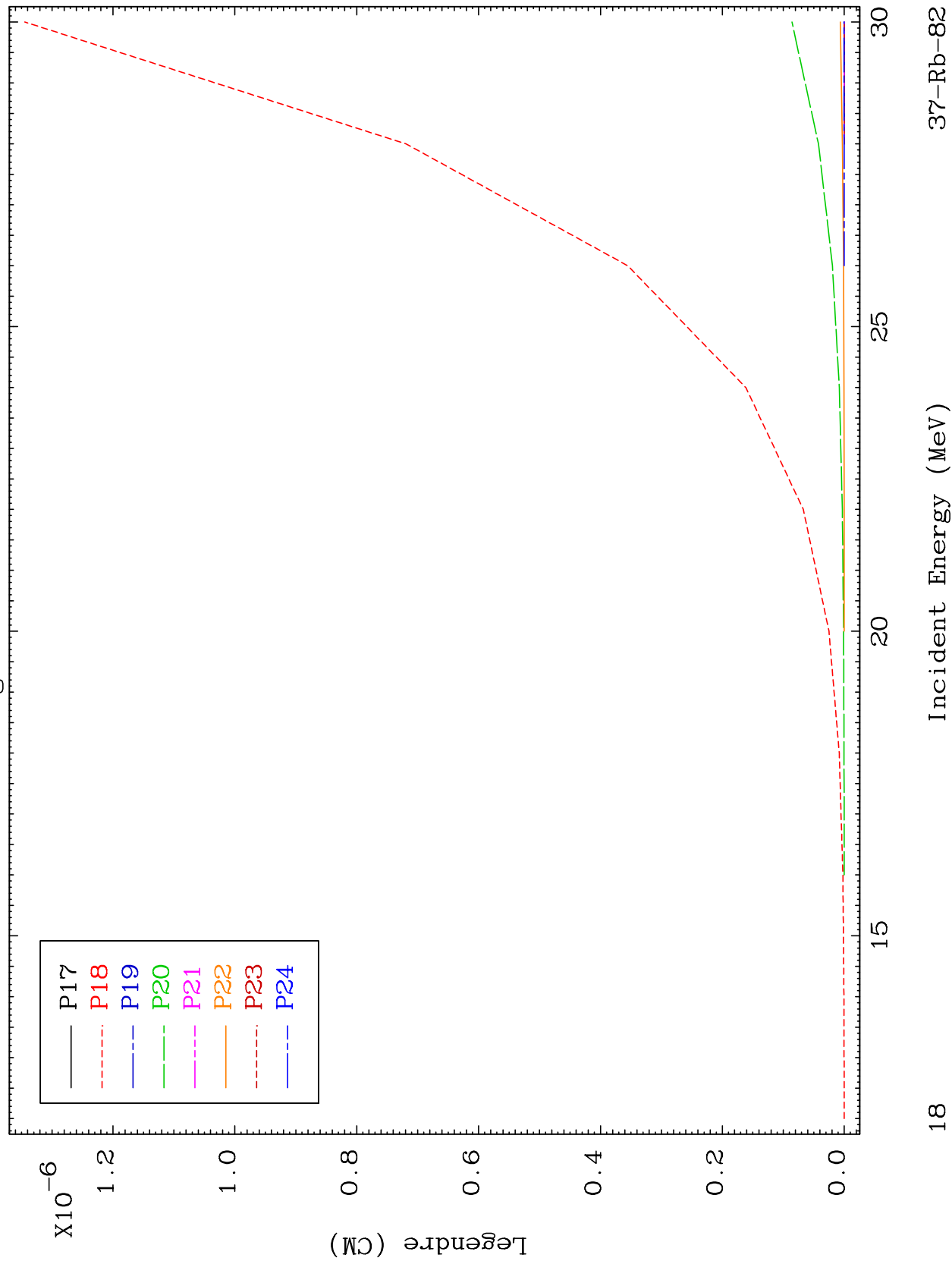
Incident Energy (MeV)

37-Rb-82

MAT 3717

### Elastic Legendre Coefficients

37-Rb-82



18

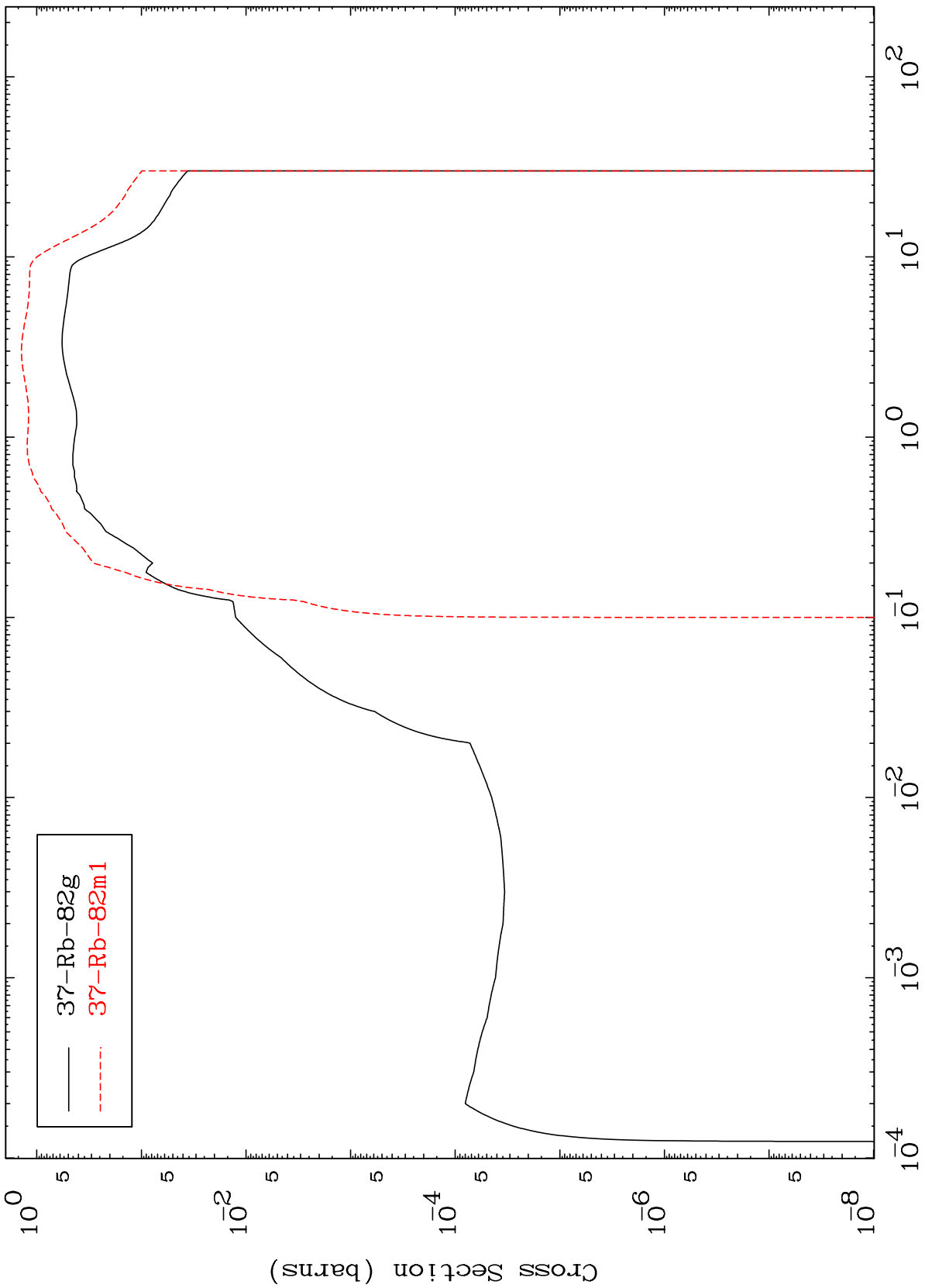
Incident Energy (MeV)

37-Rb-82

MAT 3717

37-Rb-82

Inelastic  
Radionuclide Production Cross Section



— 37-Rb-82g  
- - - 37-Rb-82m1

37-Rb-82

Incident Energy (MeV)

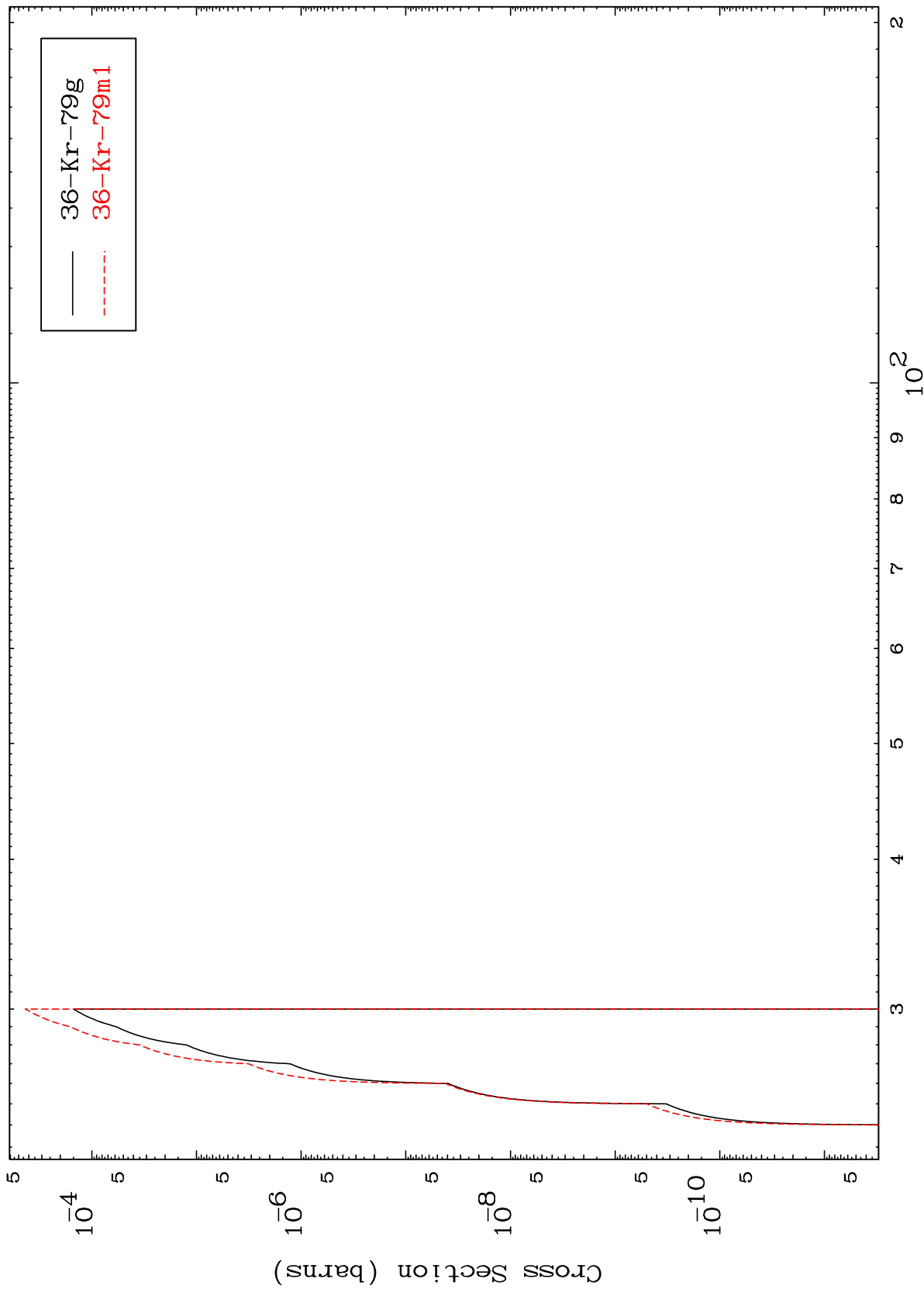
19

MAT 3717

(n,2n) d

37-Rb-82

Radionuclide Production Cross Section



20

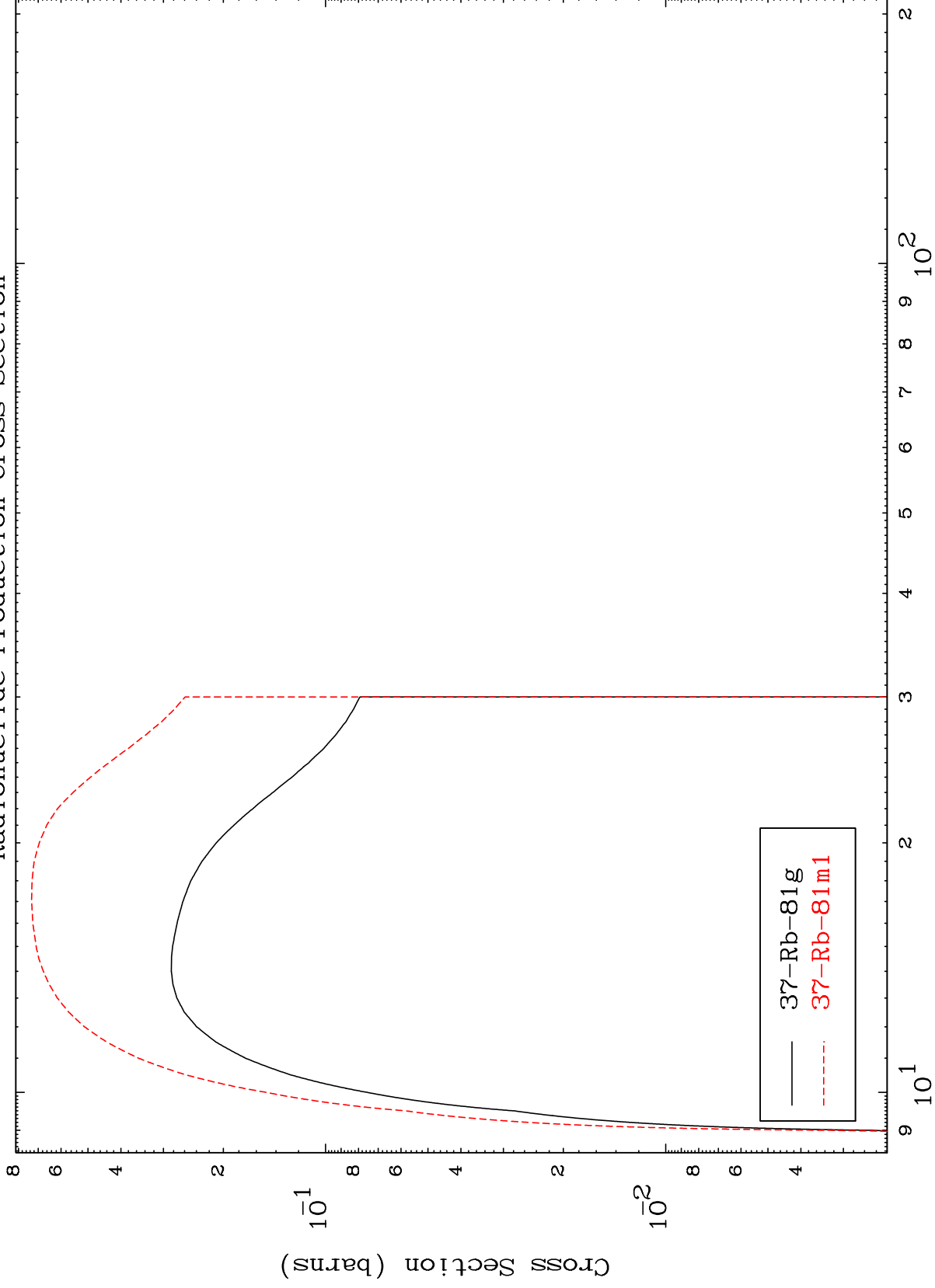
Incident Energy (MeV)

37-Rb-82

MAT 3717

37-Rb-82

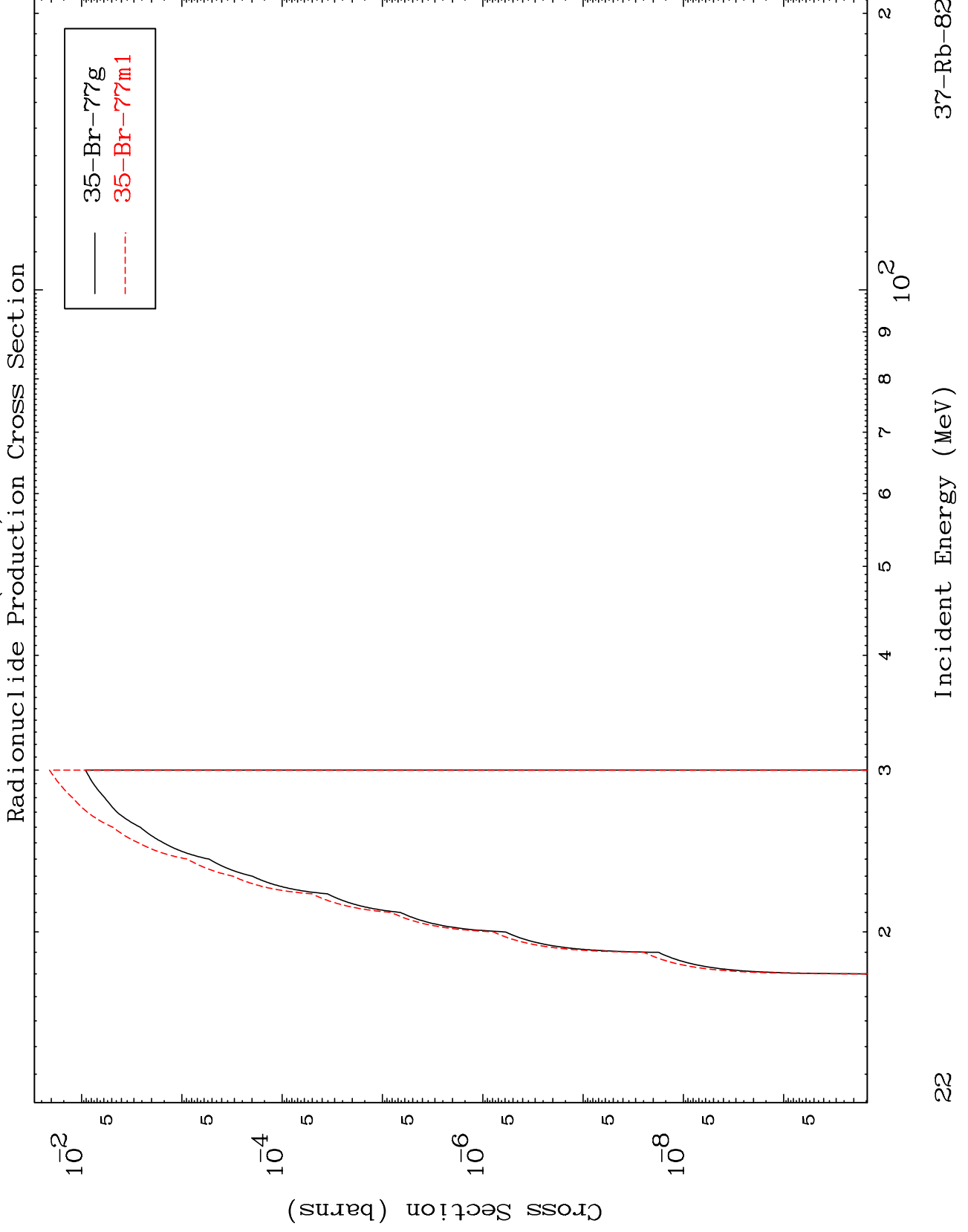
Radionuclide Production Cross Section



37-Rb-82

Incident Energy (MeV)

21

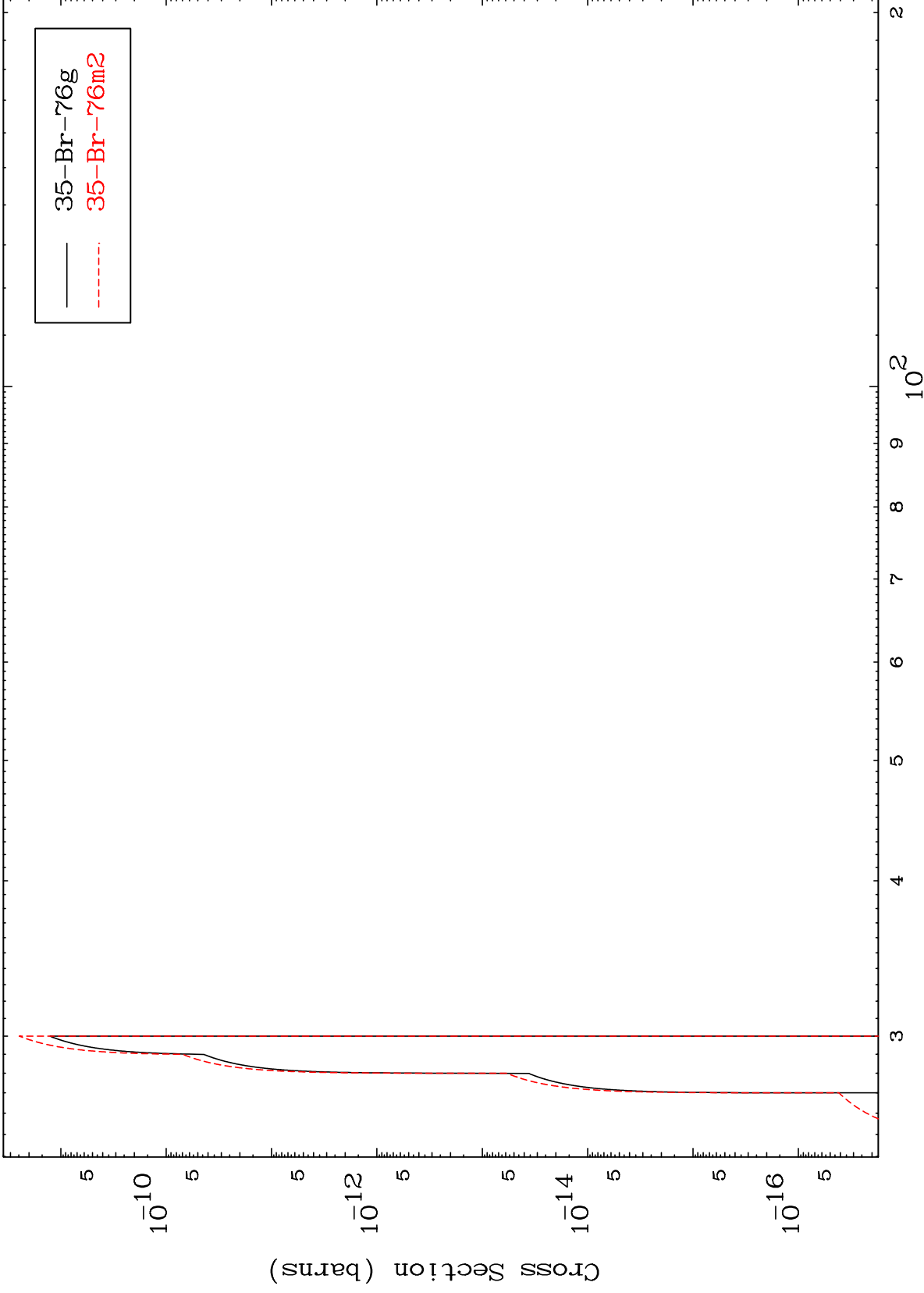


MAT 3717

(n,3n)  $\alpha$

37-Rb-82

Radionuclide Production Cross Section



23

Incident Energy (MeV)

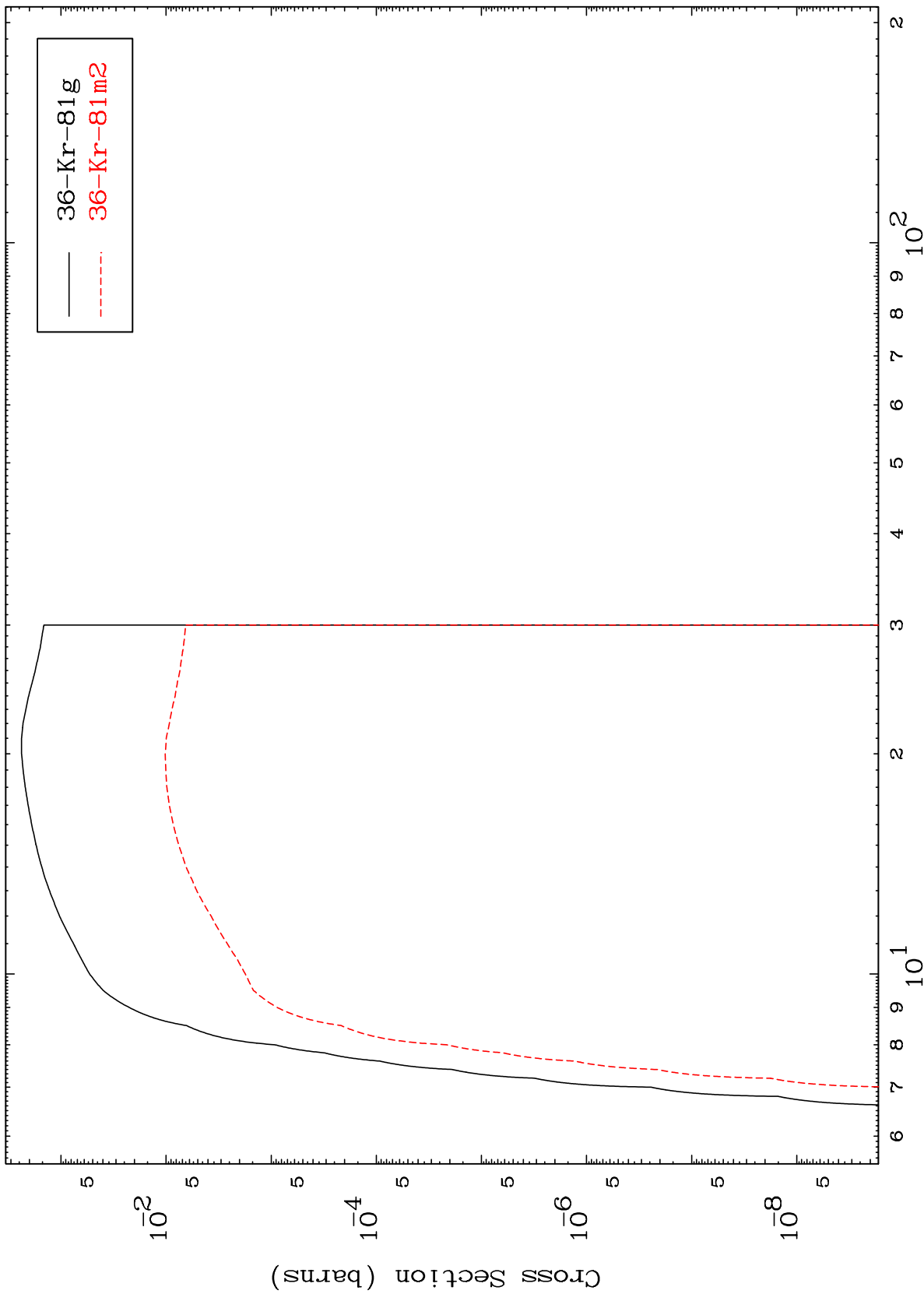
37-Rb-82



MAT 3717

37-Rb-82

$(n, n')$  p  
Radionuclide Production Cross Section



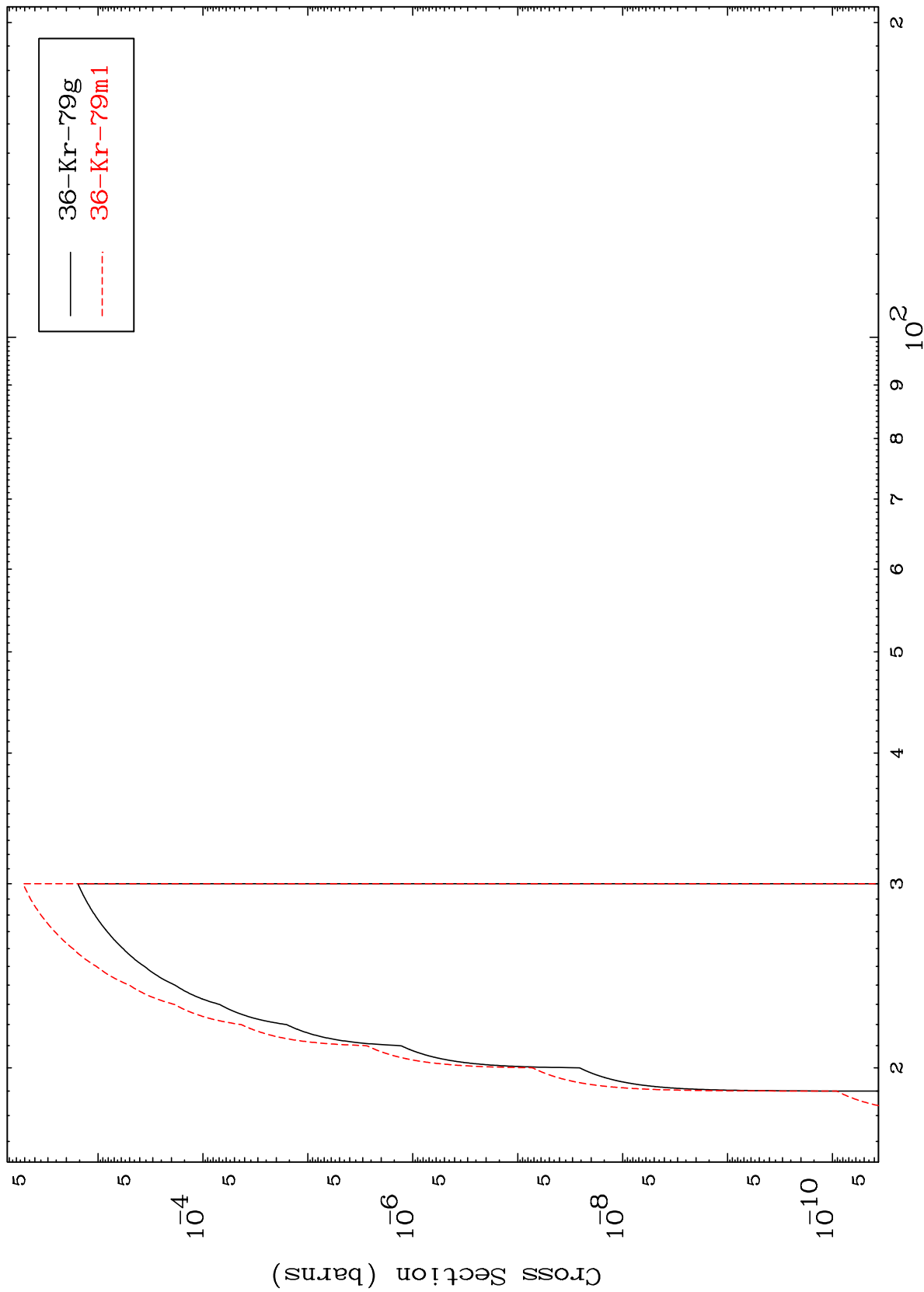
36-Kr-81 g  
36-Kr-81 m2

24

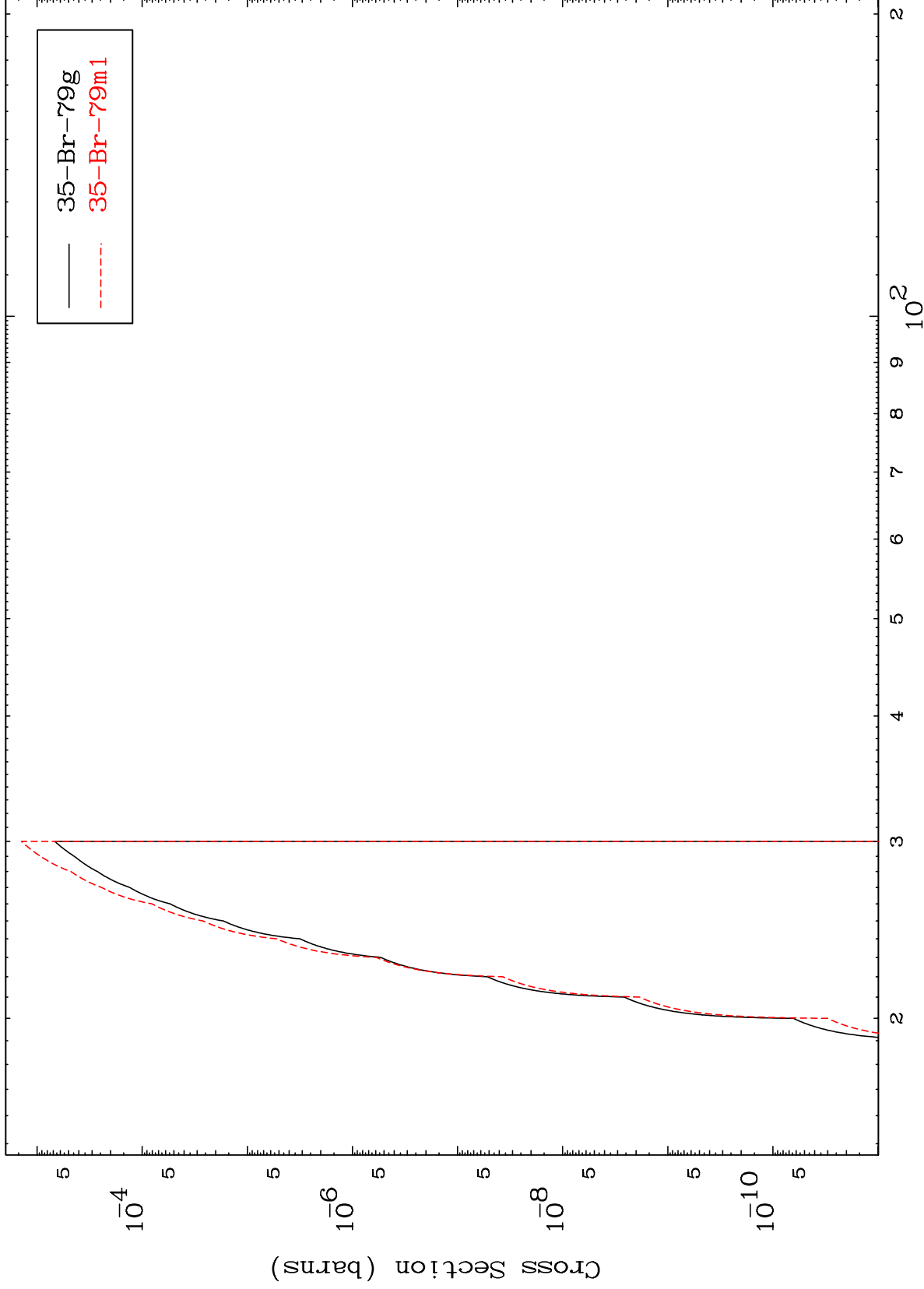
Incident Energy (MeV)

37-Rb-82

Radionuclide Production Cross Section



Radionuclide Production Cross Section

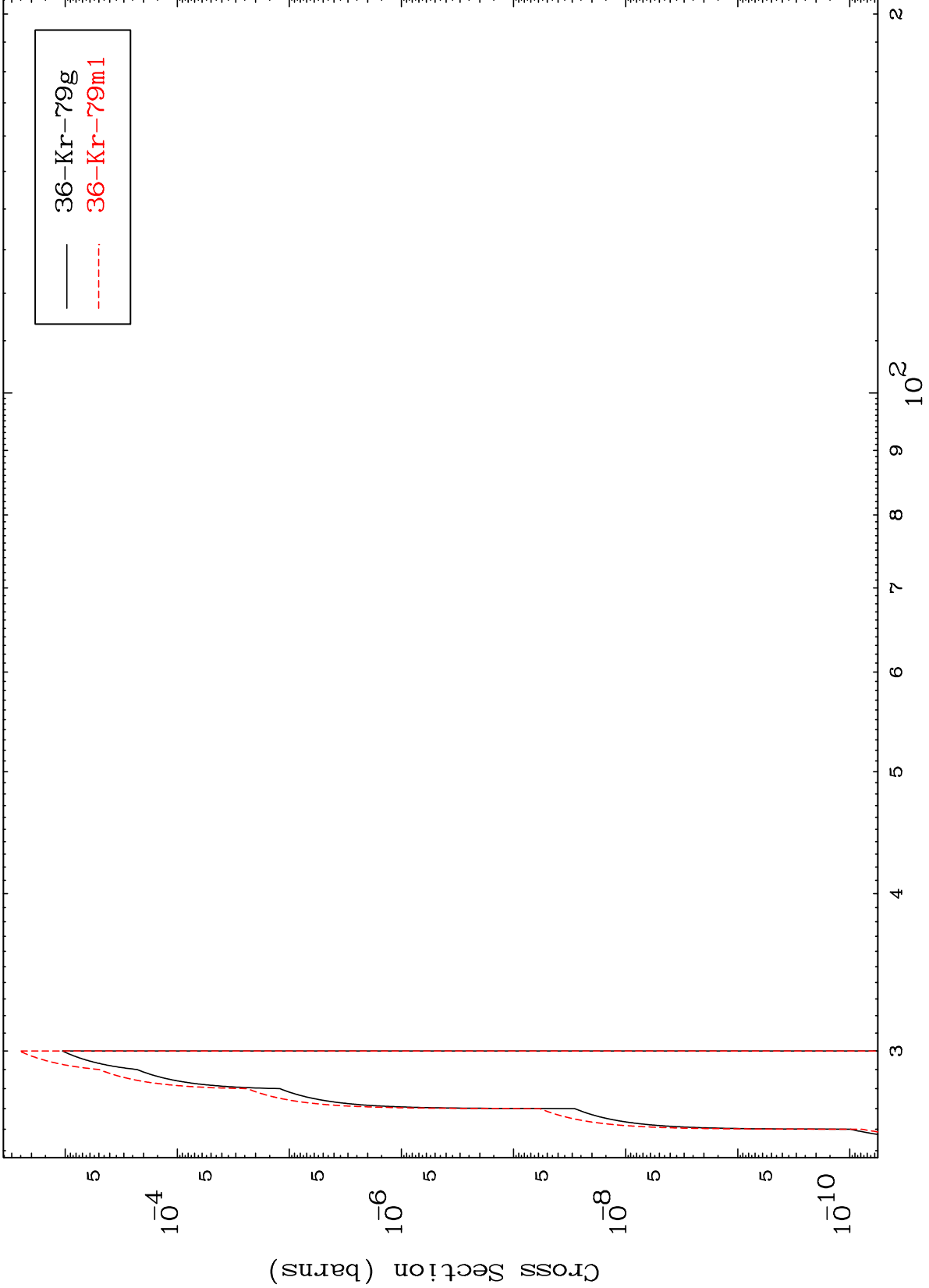


MAT 3717

(n,3n) p

37-Rb-82

Radionuclide Production Cross Section



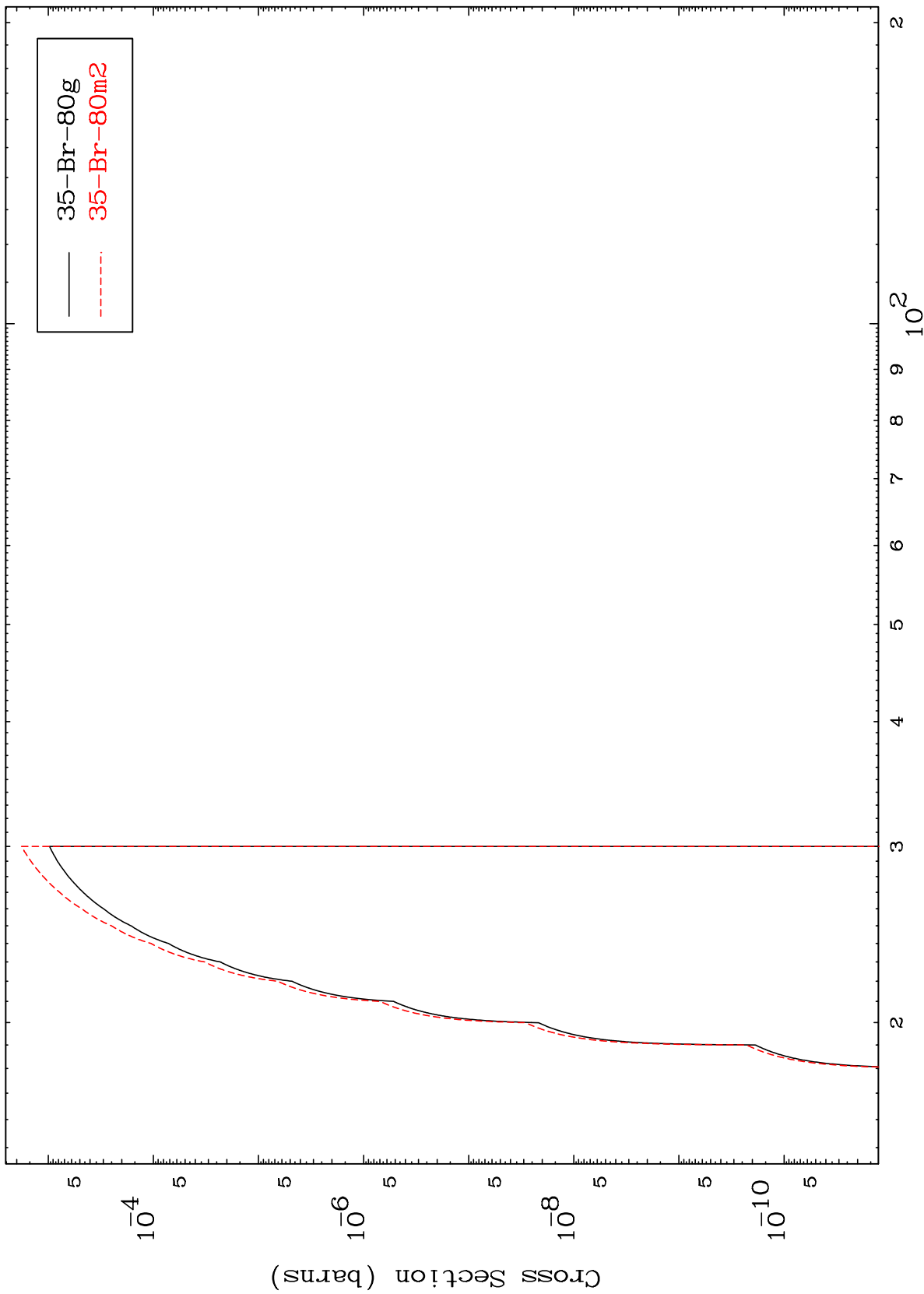
36-Kr-79g  
36-Kr-79m1

27

Incident Energy (MeV)

37-Rb-82

Radionuclide Production Cross Section

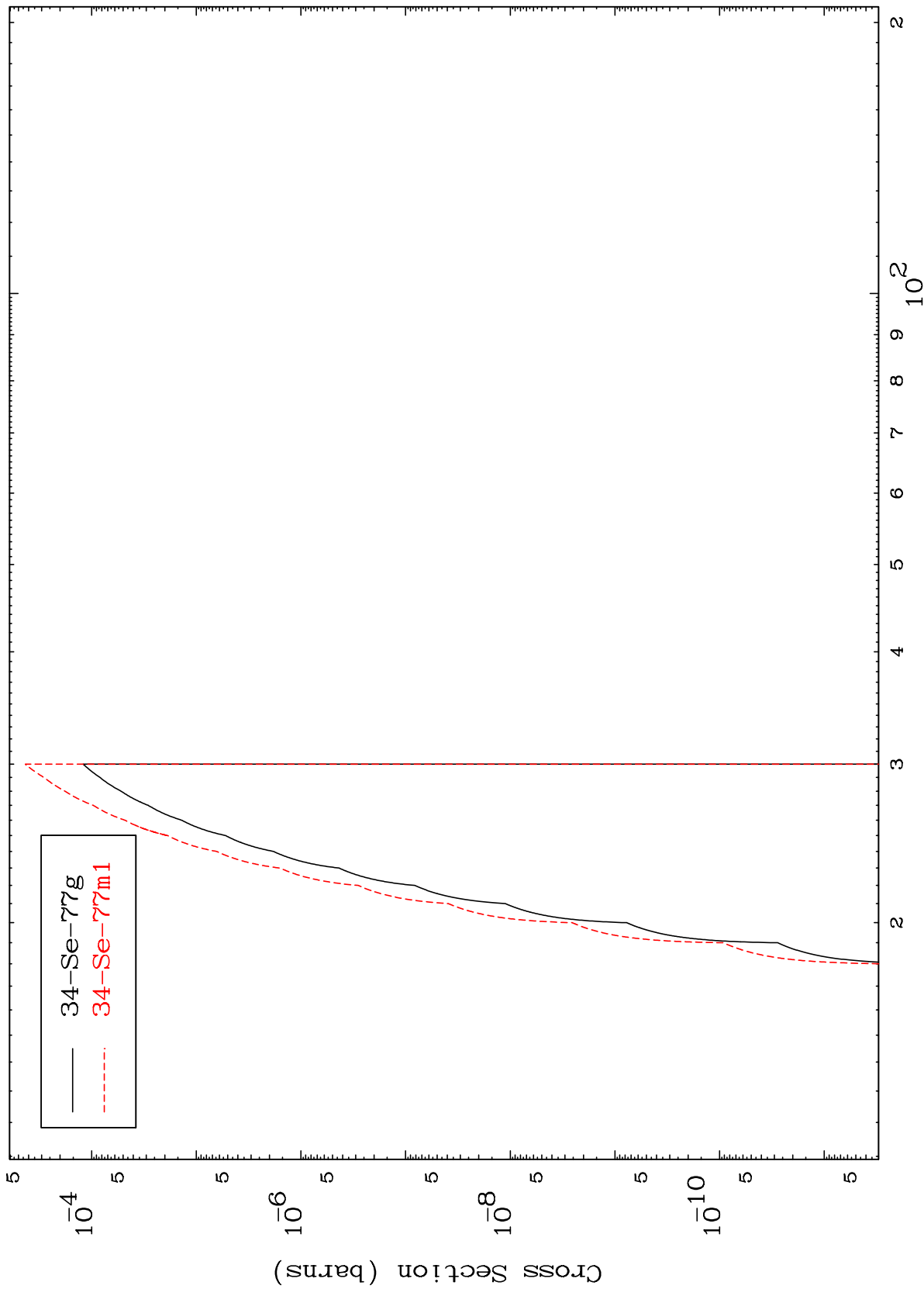


MAT 3717

(n,n') p  $\alpha$

37-Rb-82

Radionuclide Production Cross Section

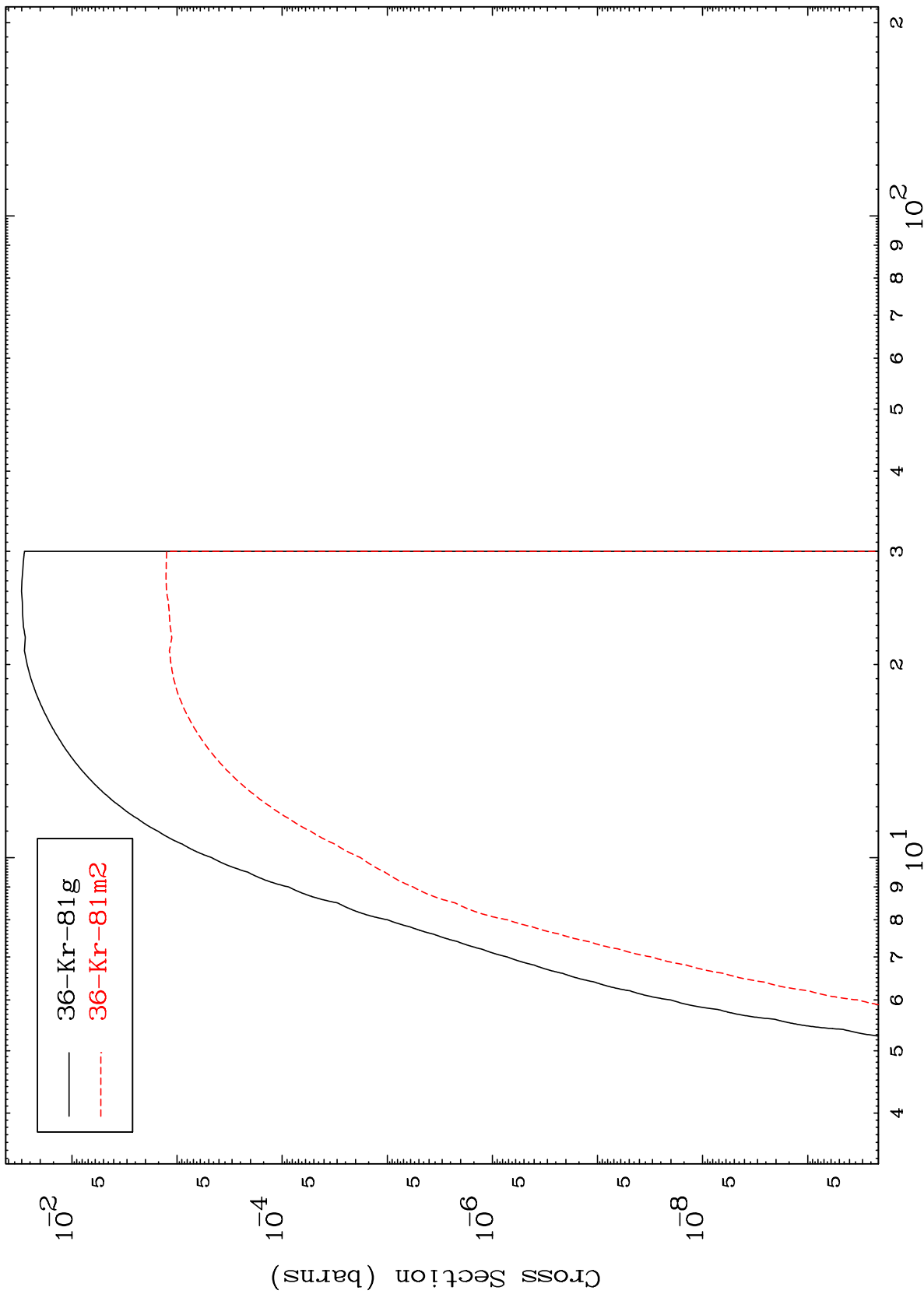


37-Rb-82

37-Rb-82

29

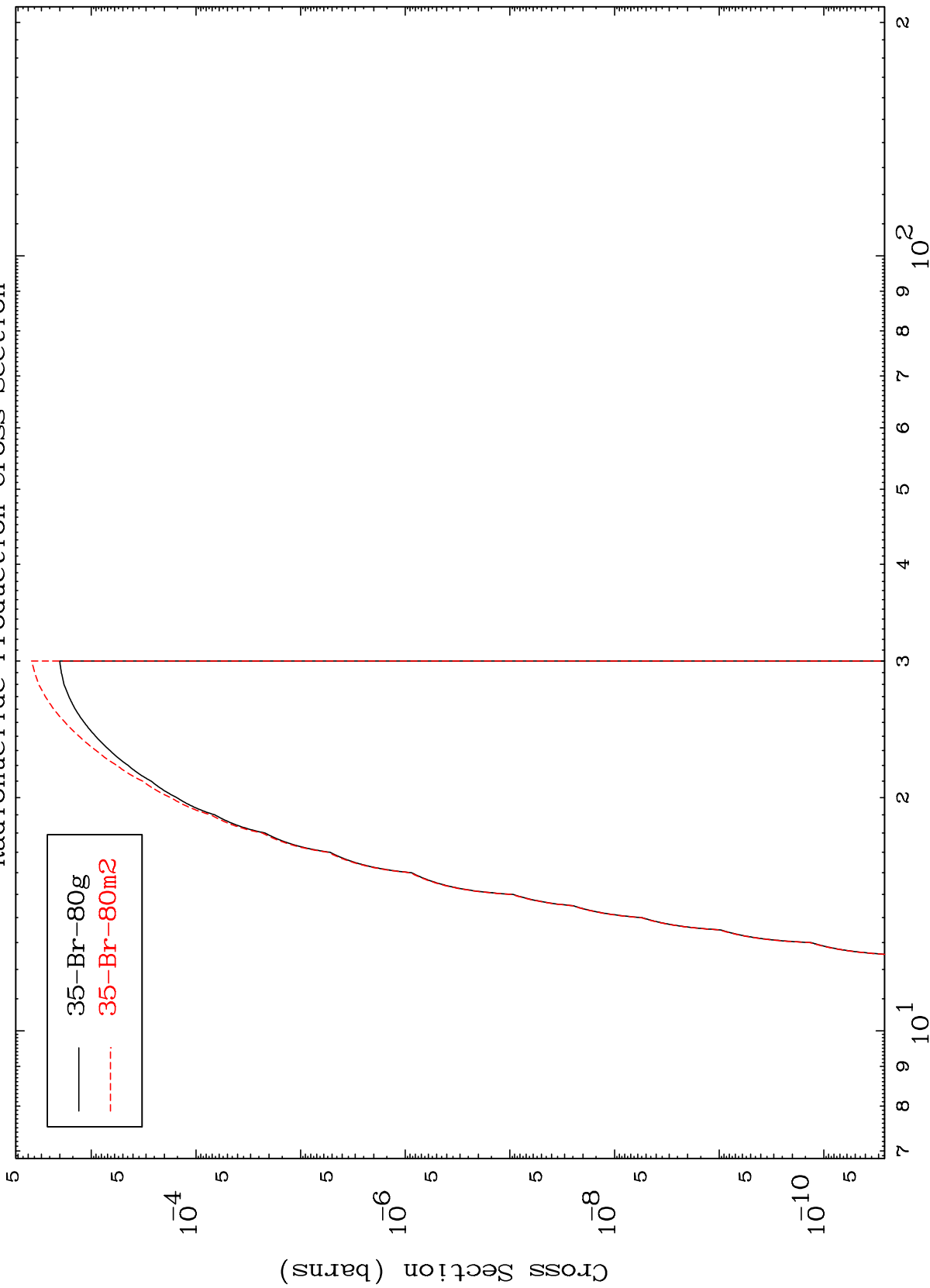
(n,d)  
Radionuclide Production Cross Section



MAT 3717

37-Rb-82

Radionuclide Production Cross Section  
(n,He-3)



Incident Energy (MeV)

37-Rb-82

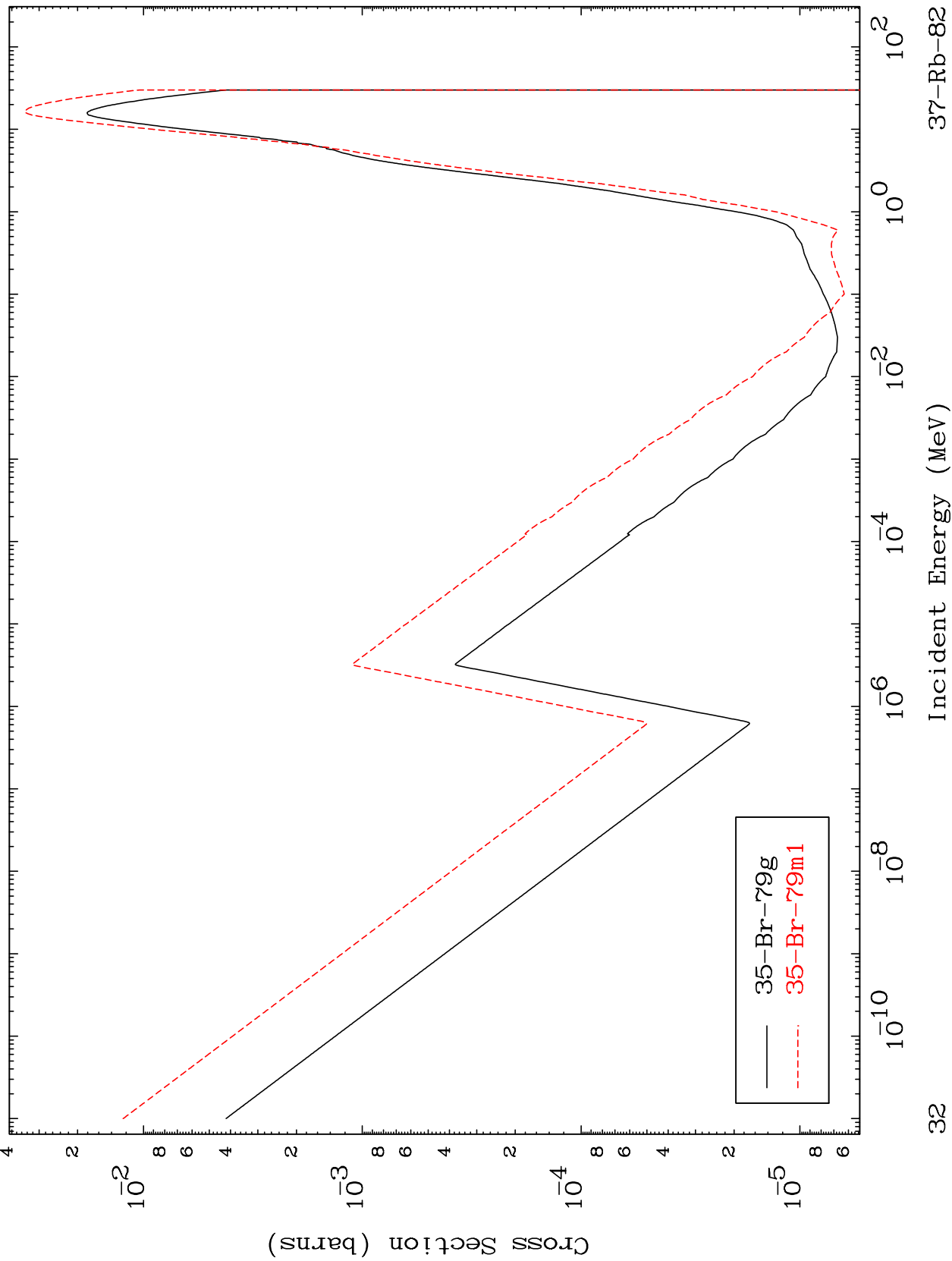
31



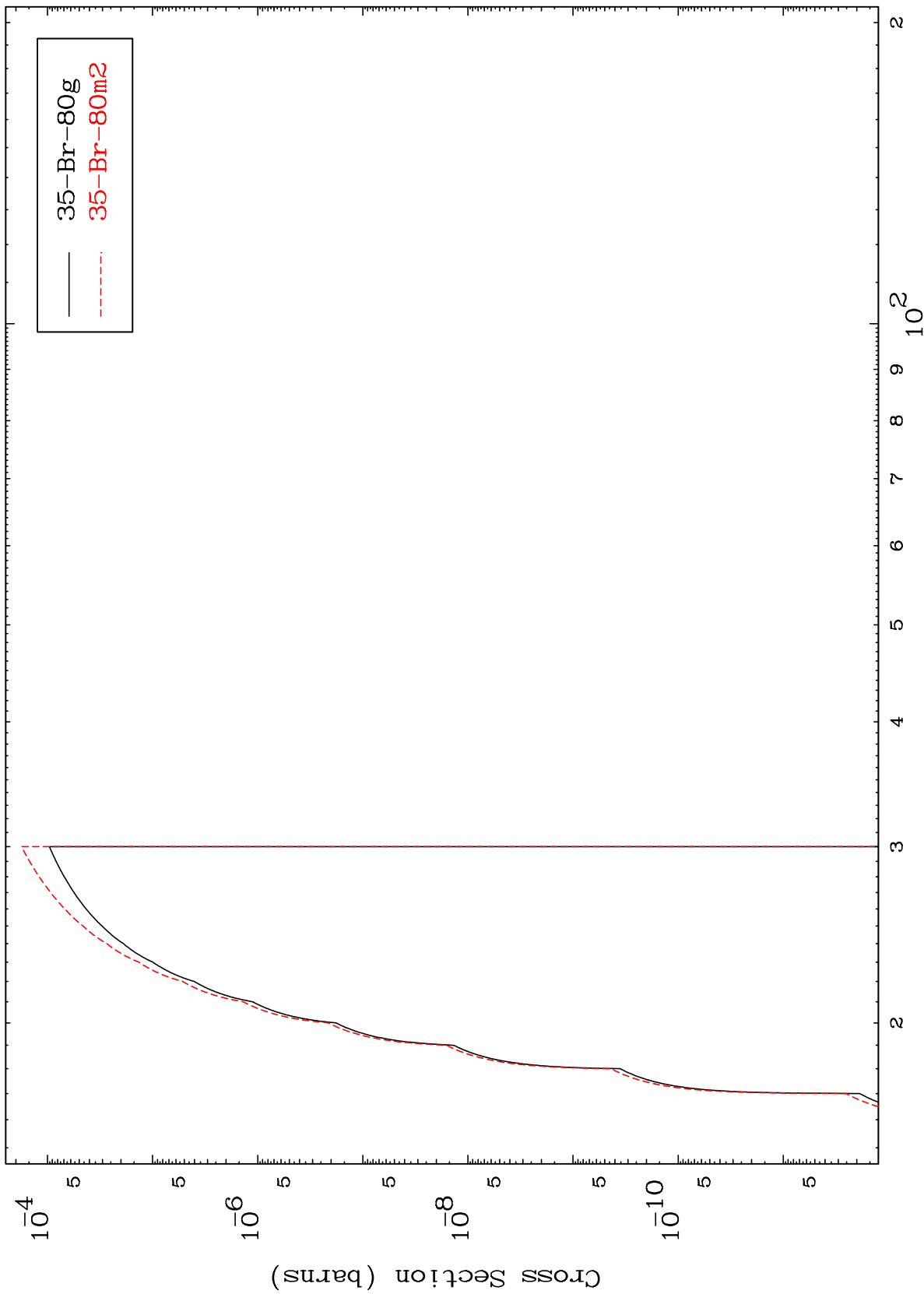
MAT 3717

37-Rb-82

Radionuclide Production Cross Section



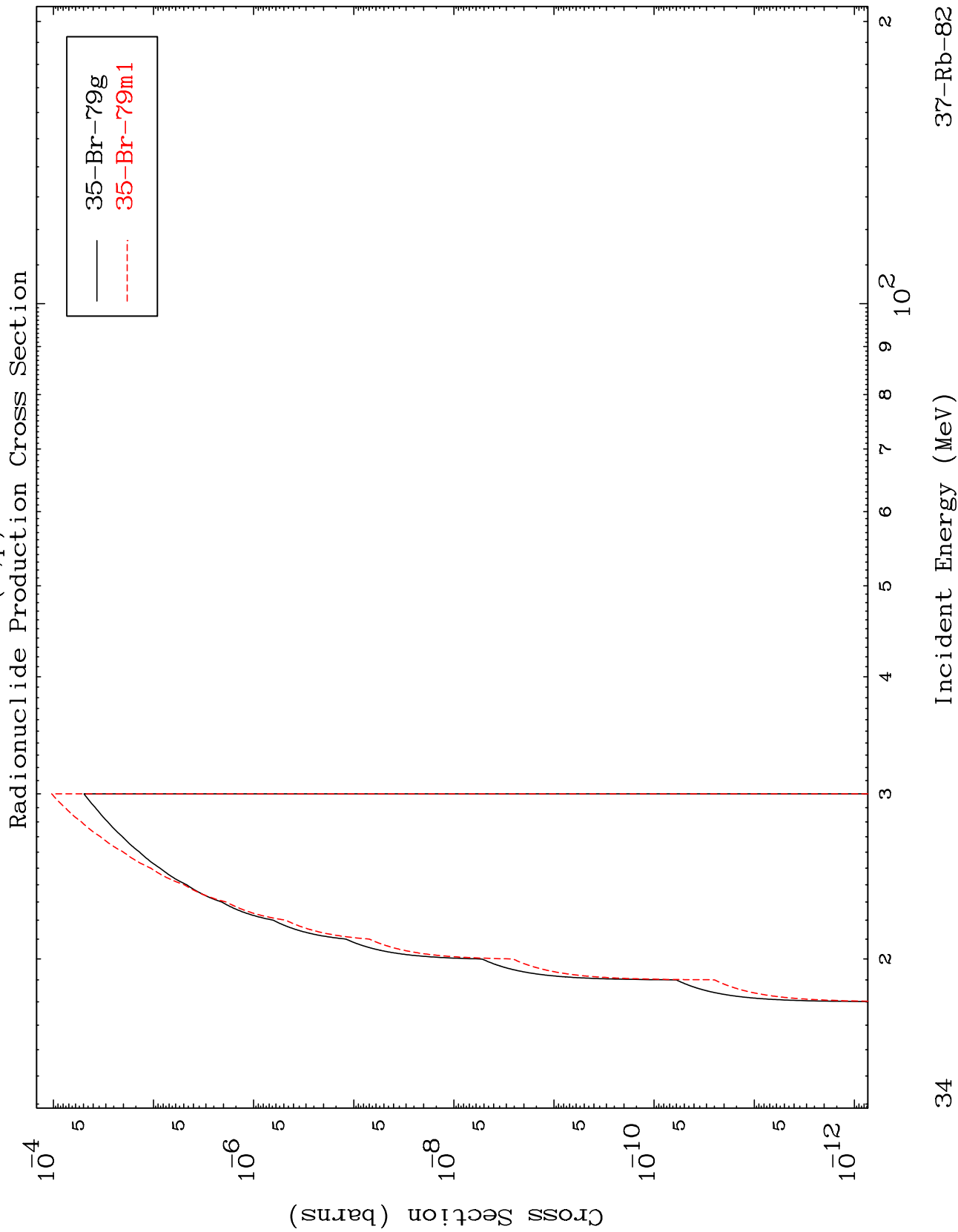
Radionuclide Production Cross Section



MAT 3717

(n,p) t

37-Rb-82



34

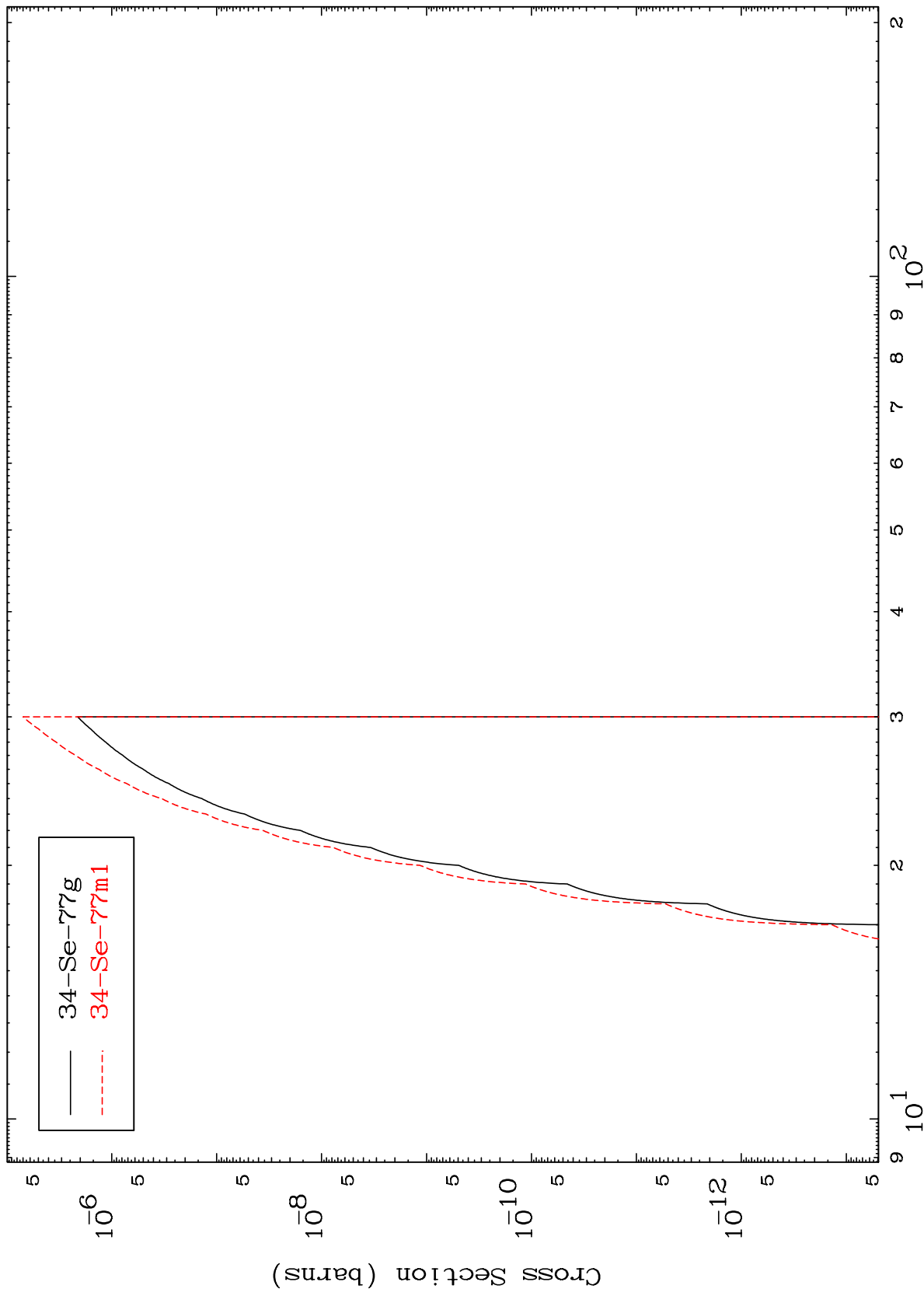
37-Rb-82

MAT 3717

(n,d)  $\alpha$

37-Rb-82

Radionuclide Production Cross Section



35

Incident Energy (MeV)

37-Rb-82