

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

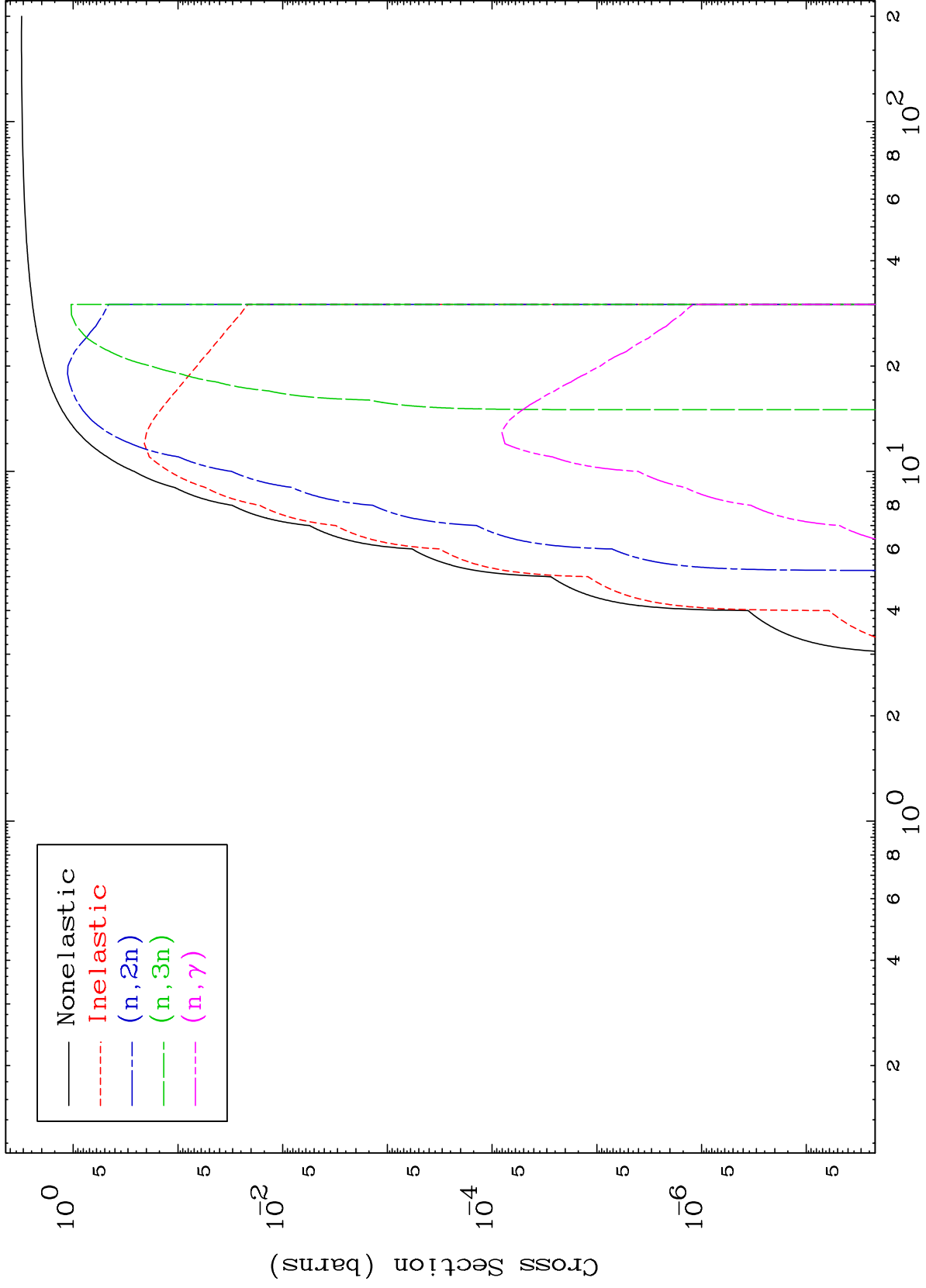
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

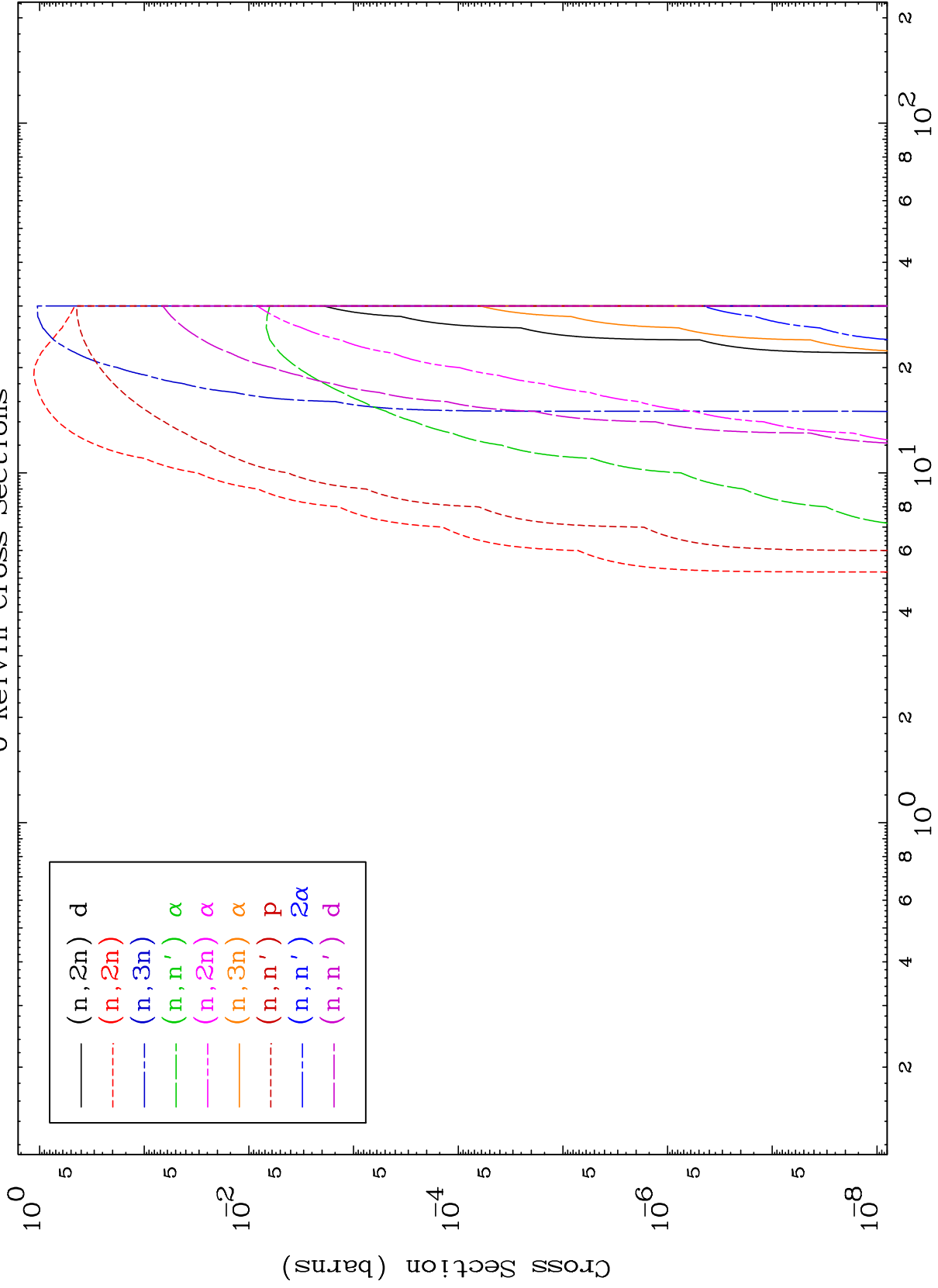
Tele: 925-443-1911

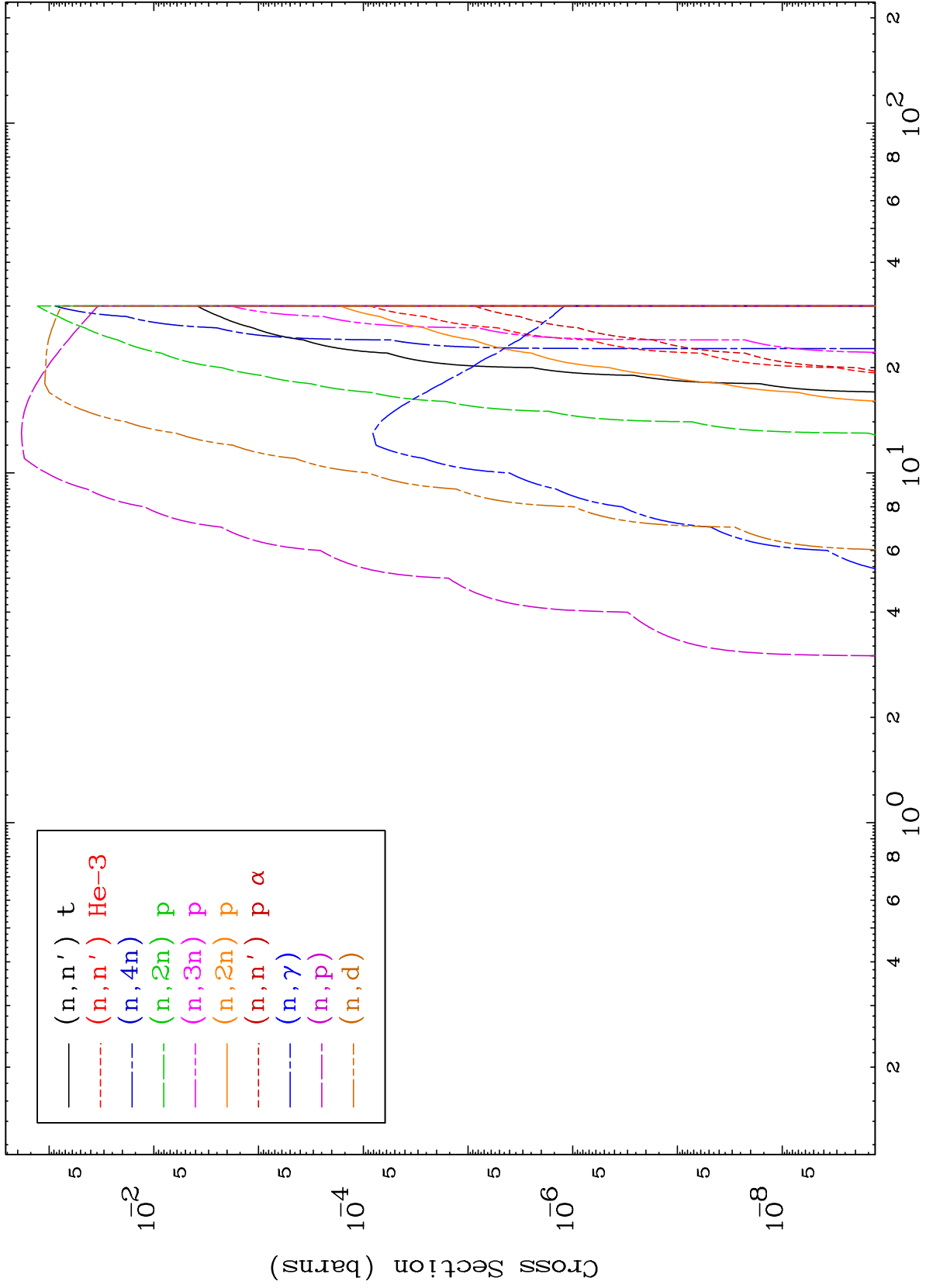
E.Mail:redcullen1@comcast.net

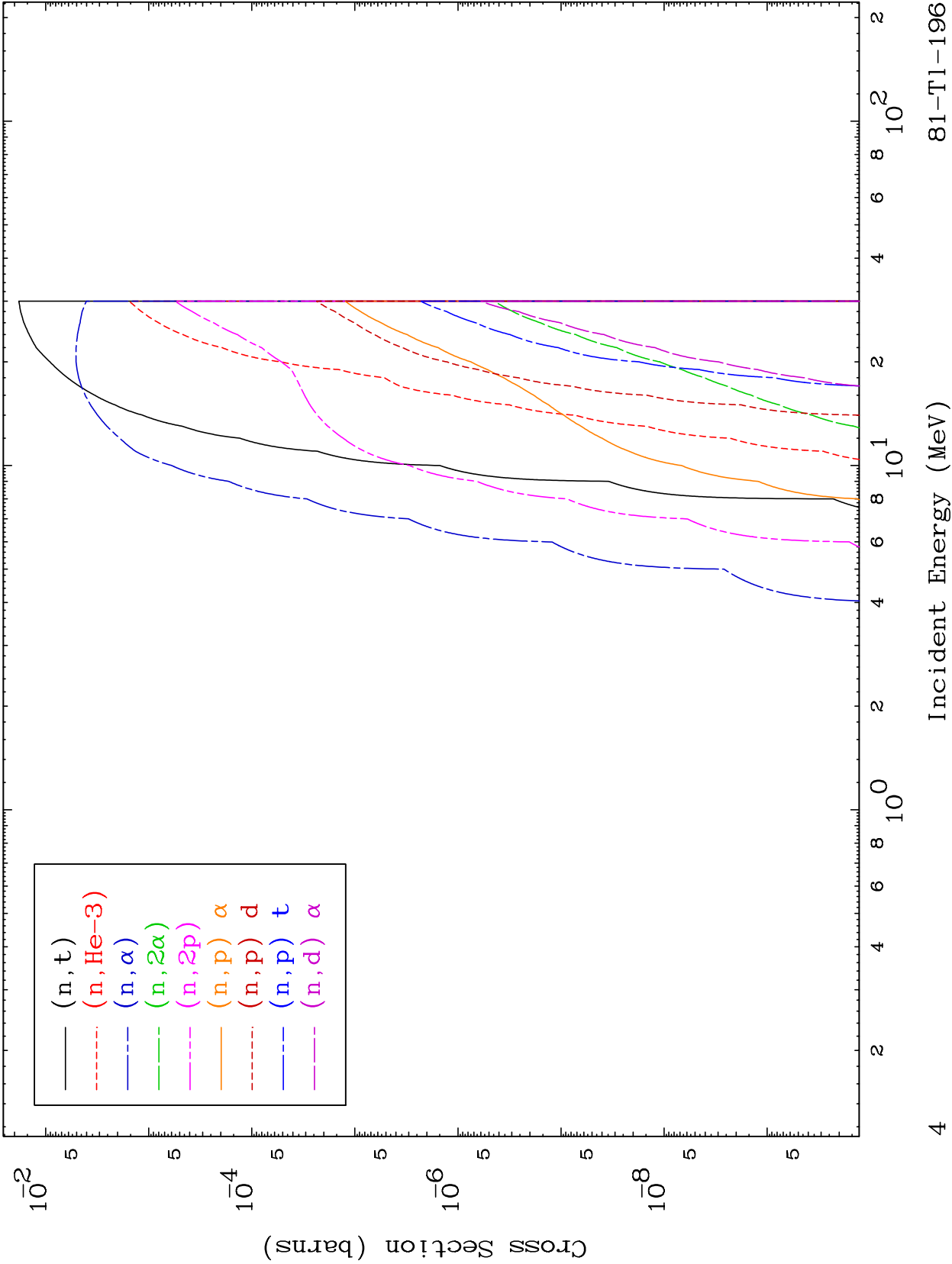
Web:redcullen1.net/HOMEPAGE.NEW

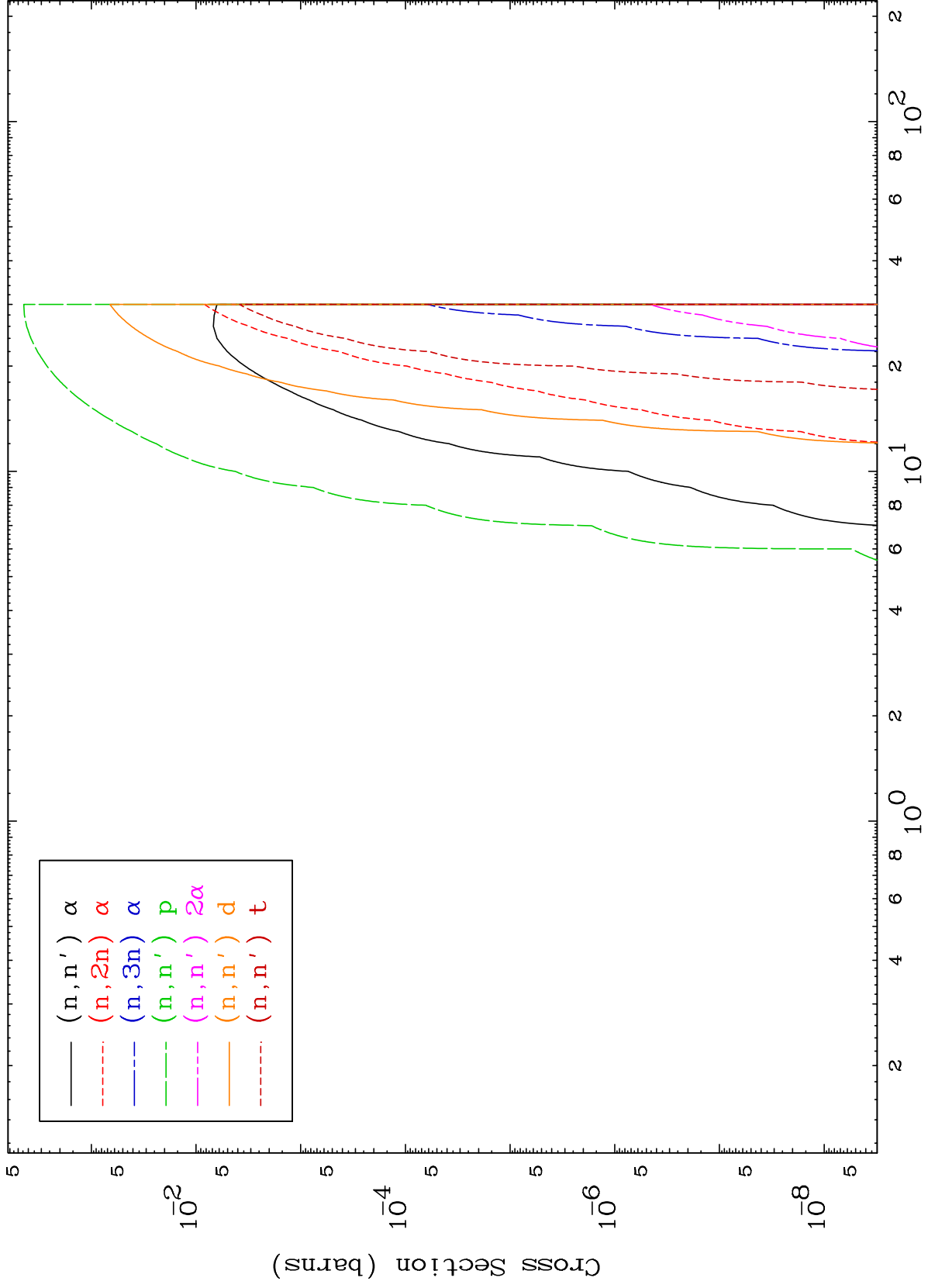
Press Mouse Button to Start

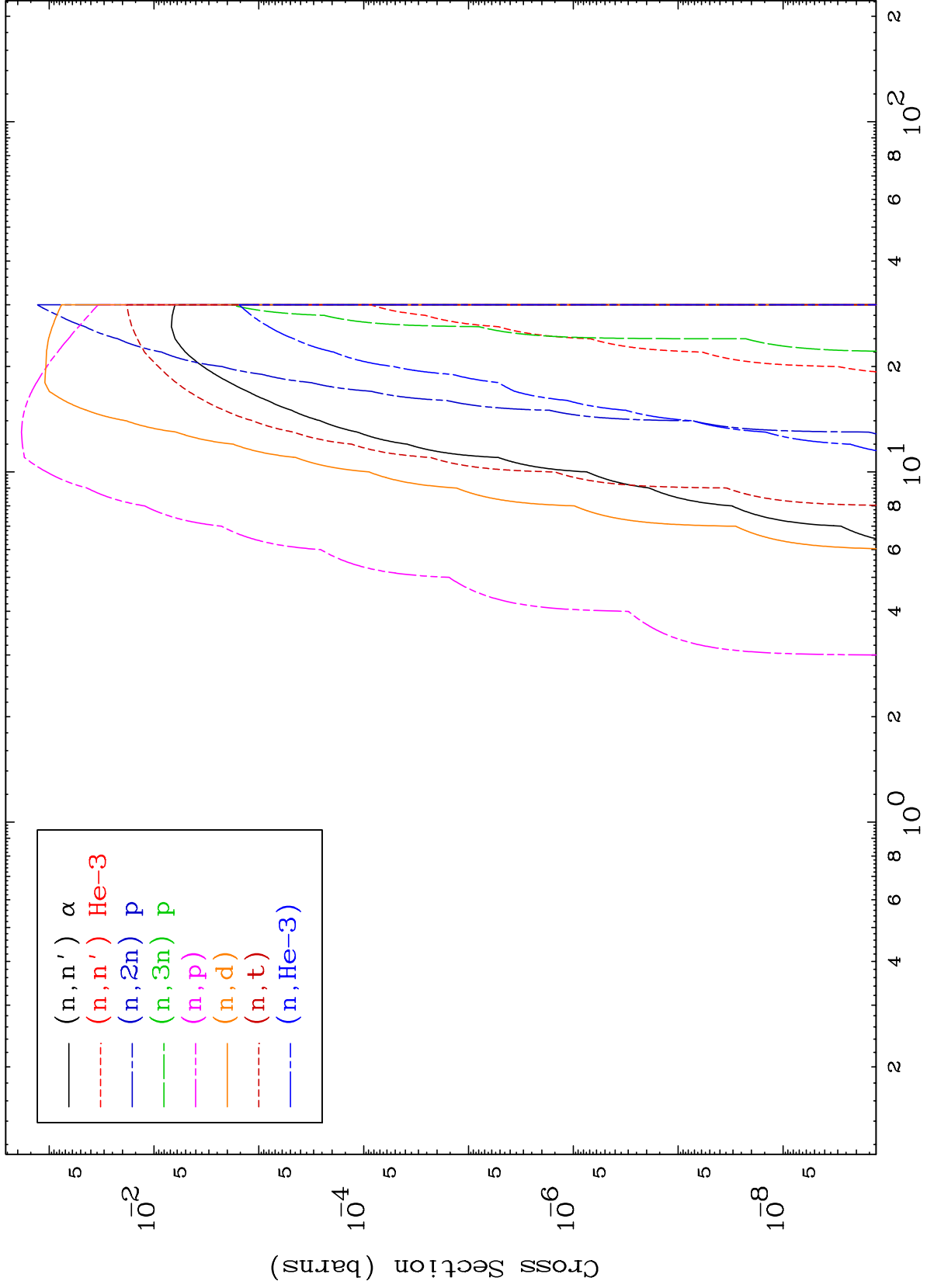


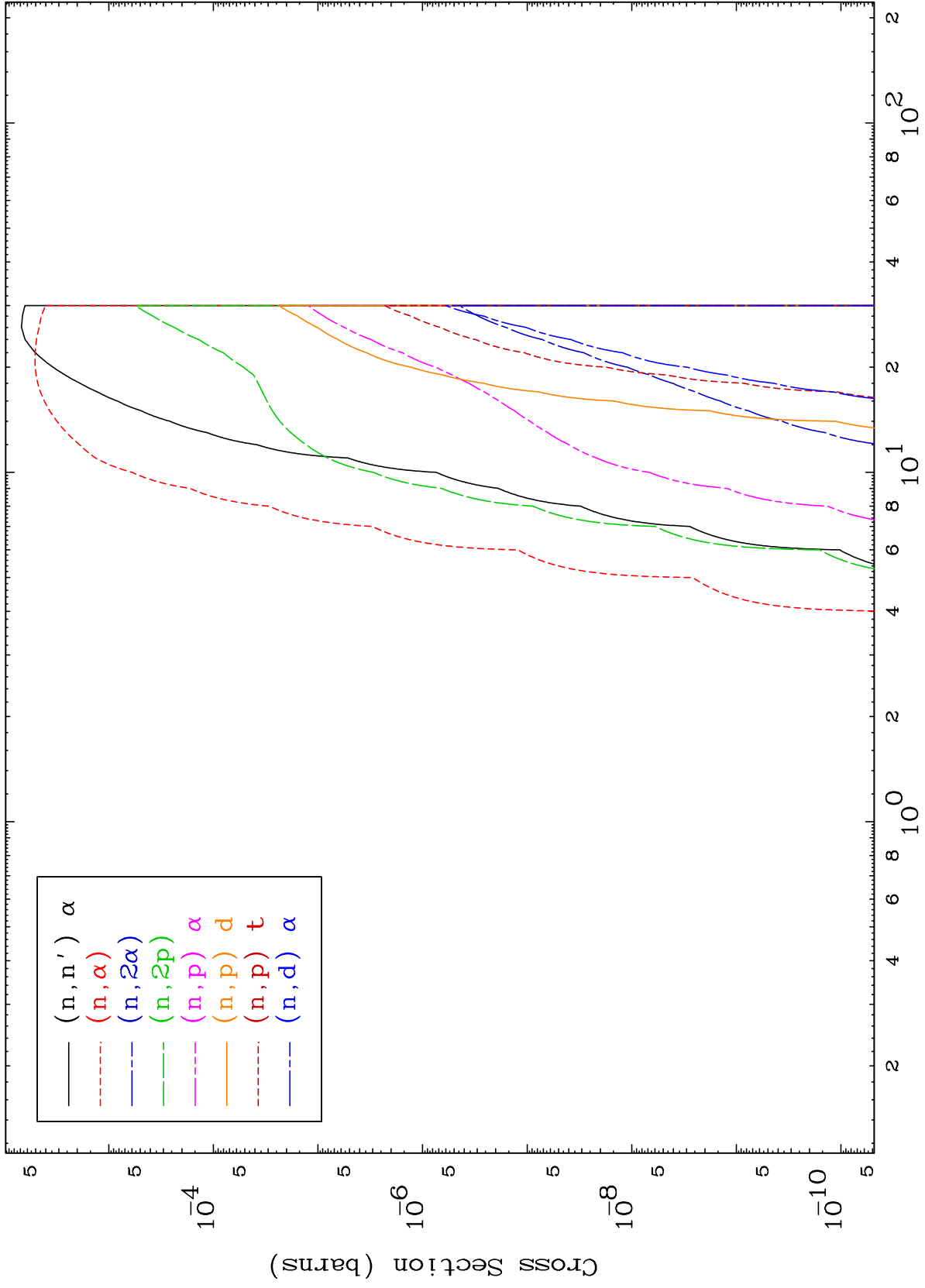












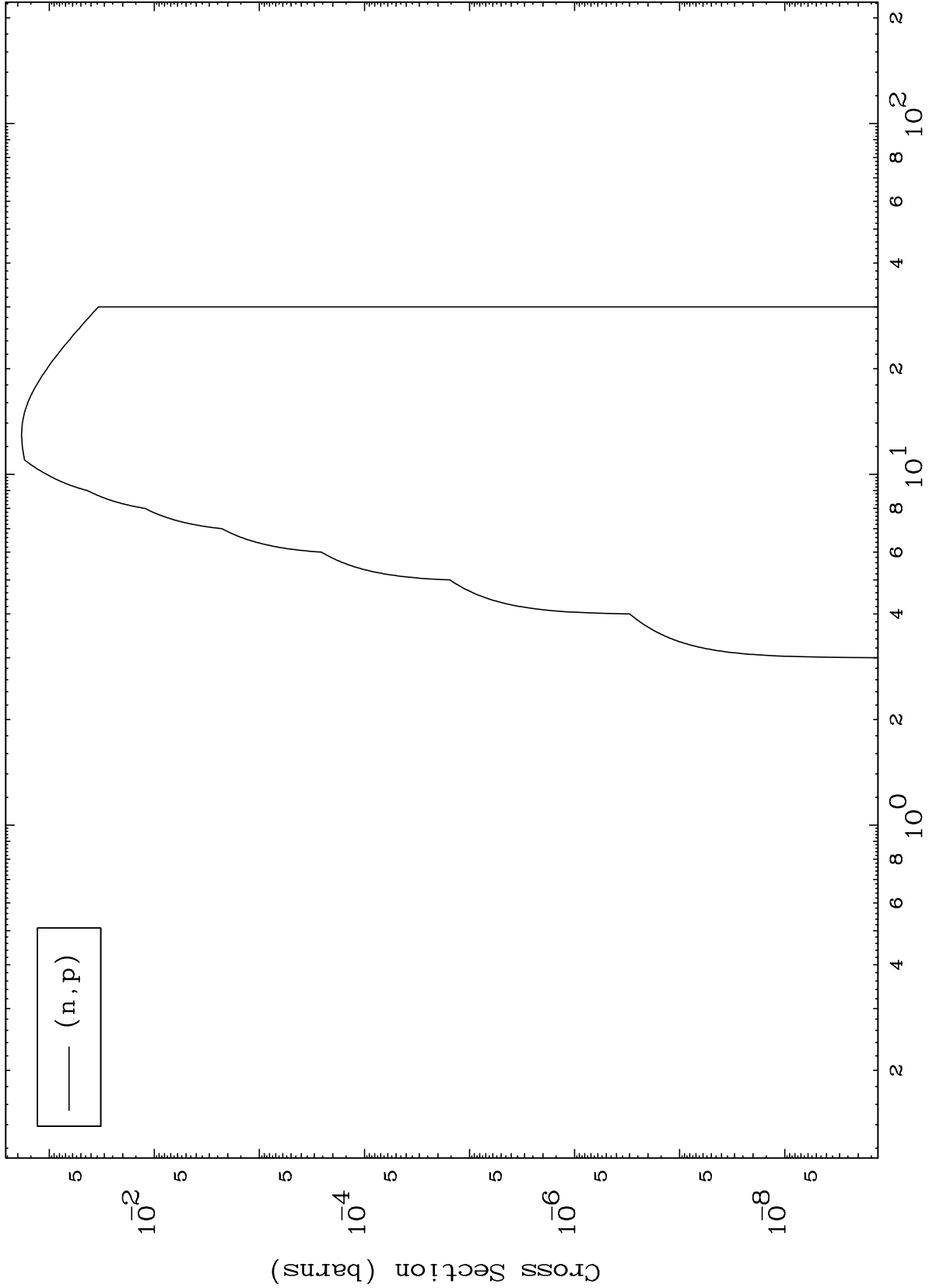


MAT 8104

(d,p) Levels

81-Tl-196

0 Kelvin Cross Sections

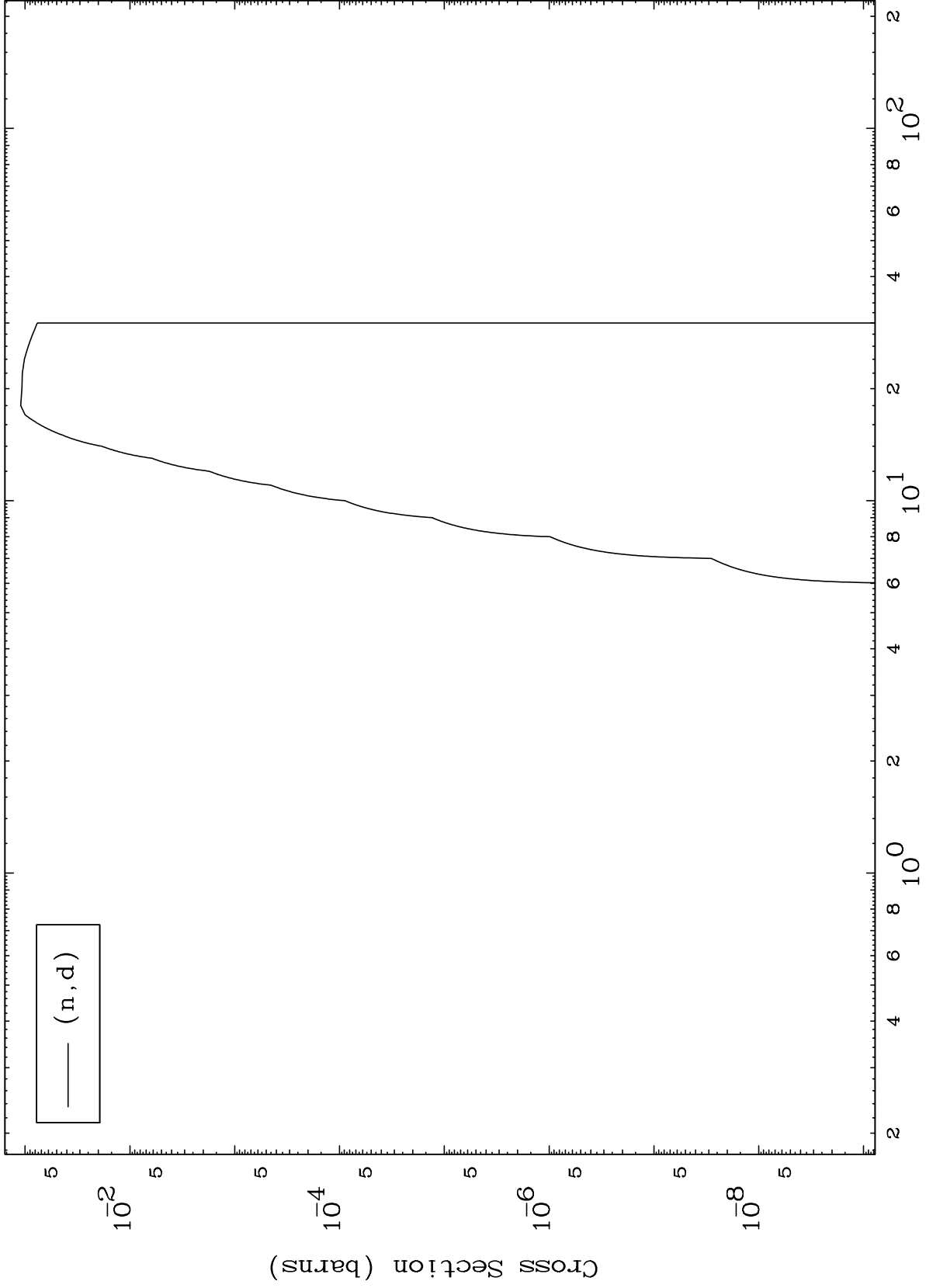


MAT 8104

(d,d) Levels

81-Tl-196

0 Kelvin Cross Sections



9

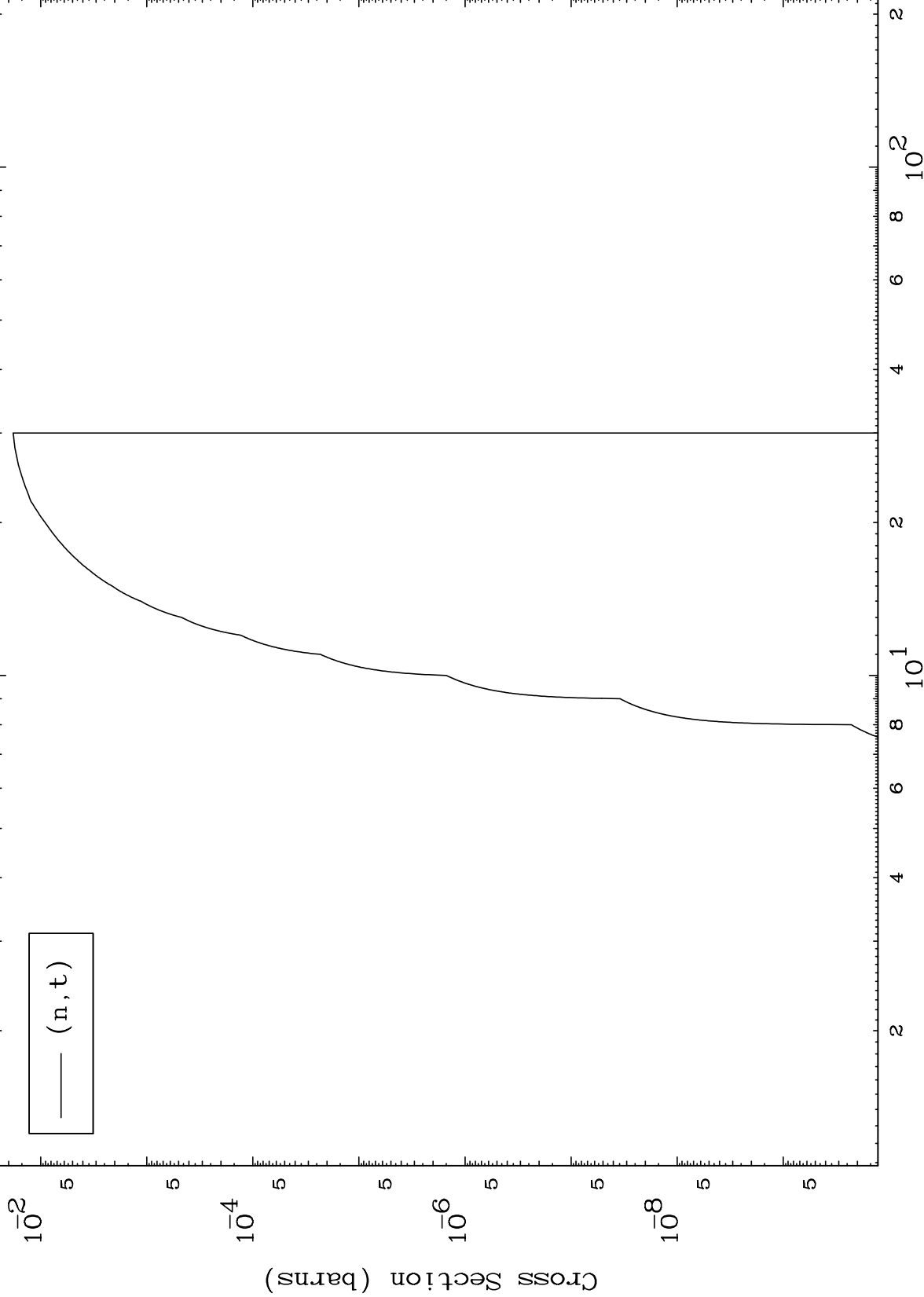
Incident Energy (MeV)

81-Tl-196

MAT 8104

(d,t) Levels  
0 Kelvin Cross Sections

81-Tl-196



(n,t)

10

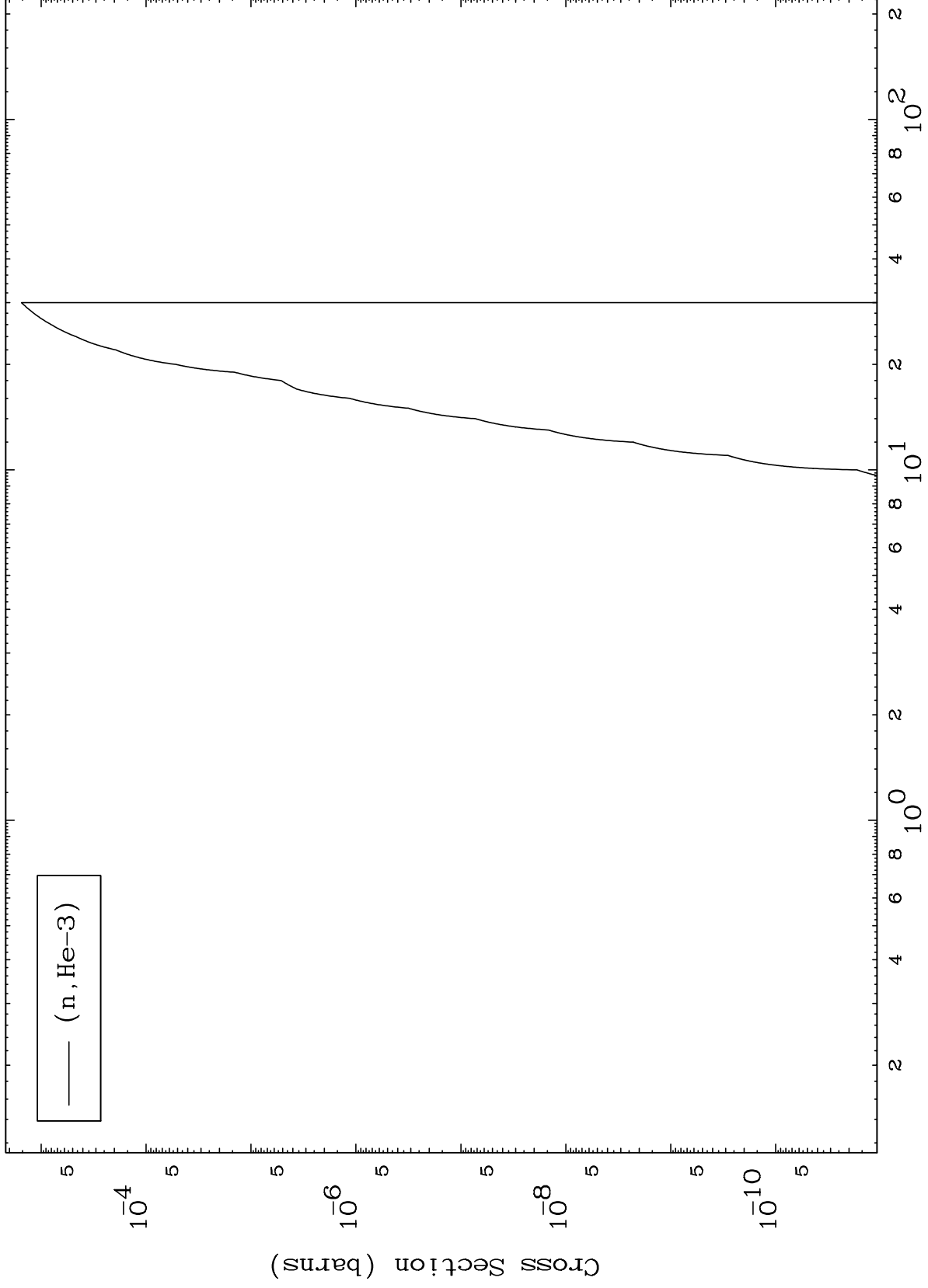
Incident Energy (MeV)

81-Tl-196

MAT 8104

(d,He3) Levels  
0 Kelvin Cross Sections

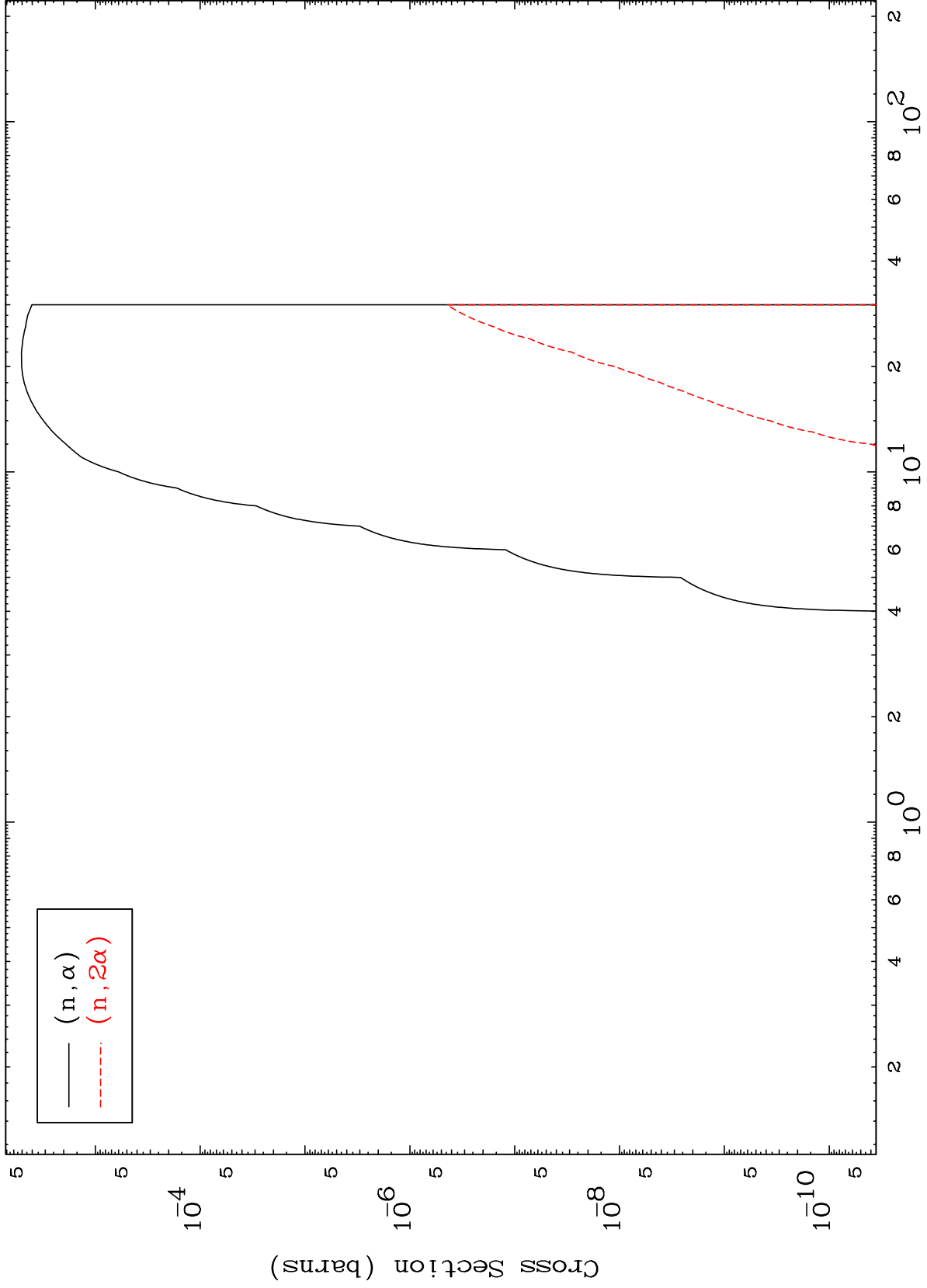
81-T1-196



MAT 8104

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

81-Tl-196



12

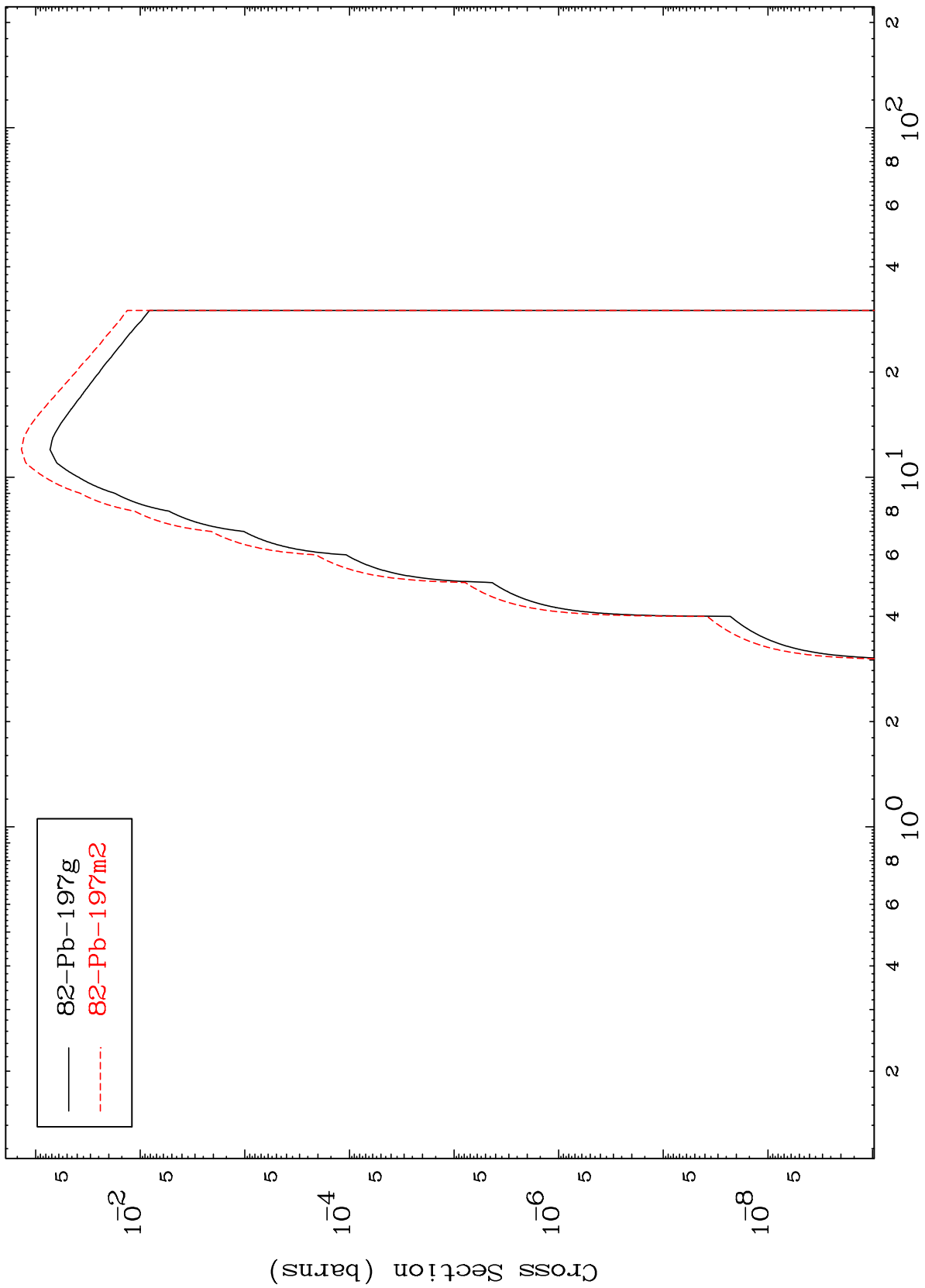
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

### Radionuclide Production Cross Section

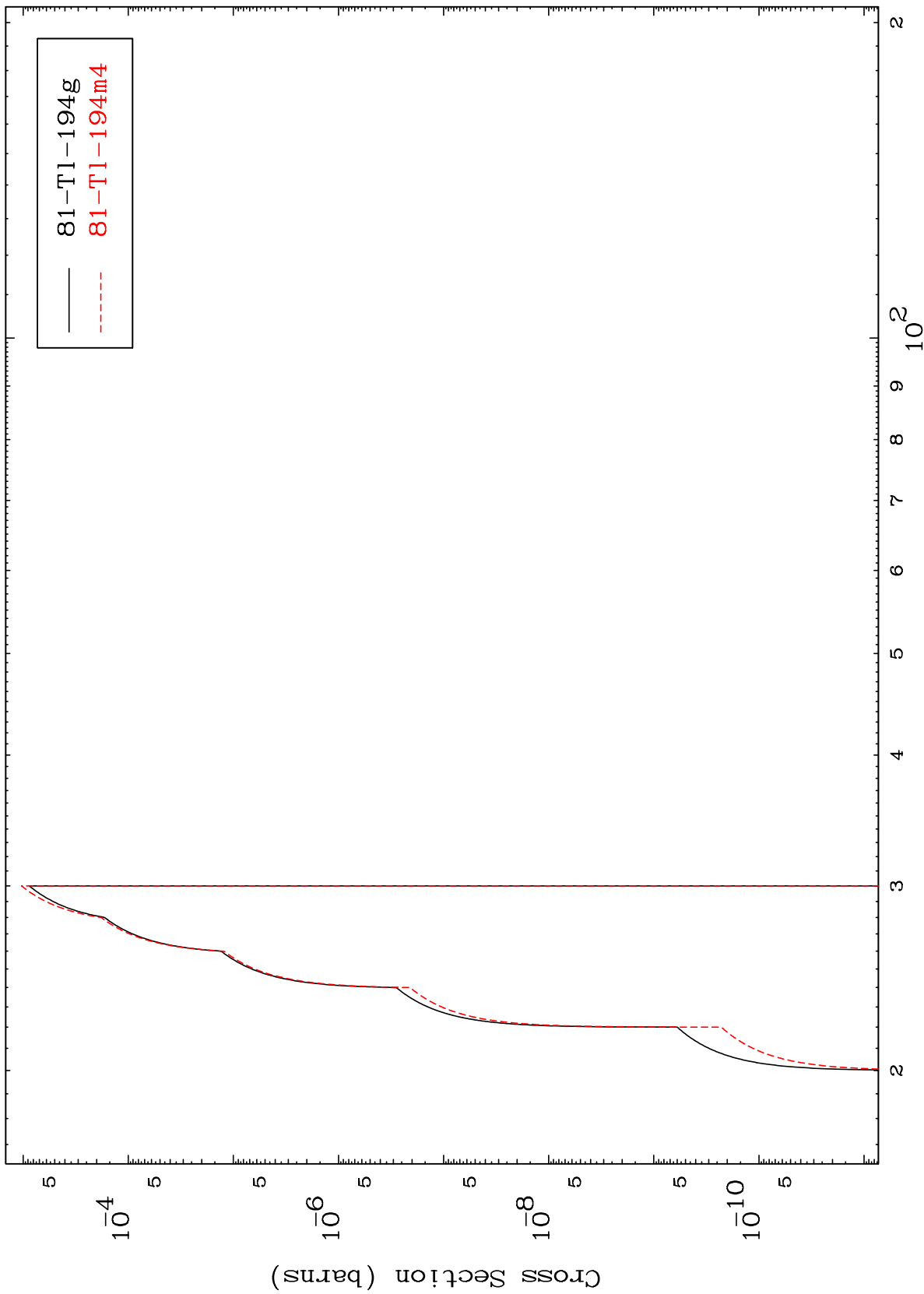


MAT 8104

(n,2n) d

81-Tl-196

Radionuclide Production Cross Section



14

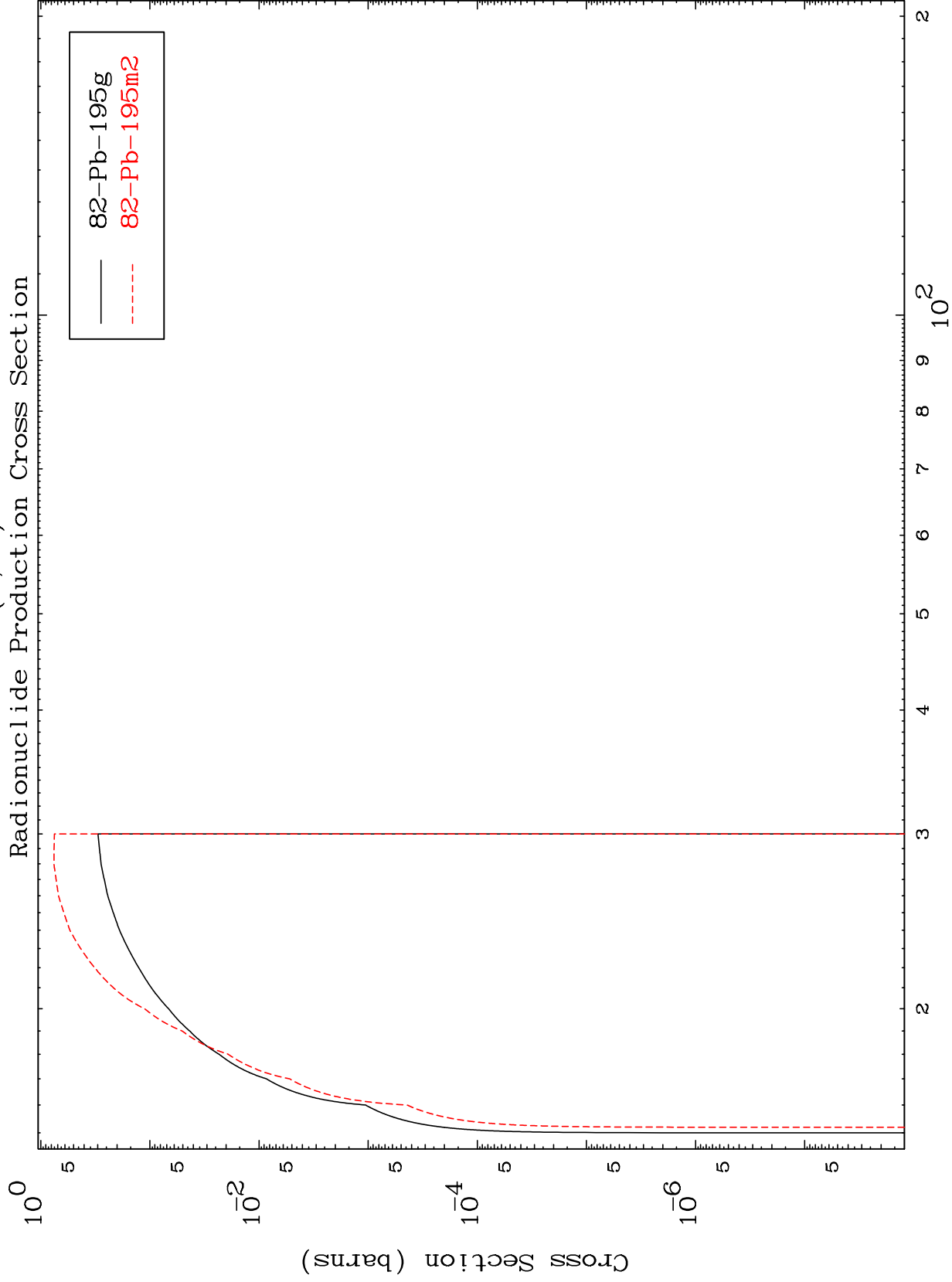
Incident Energy (MeV)

81-Tl-196

MAT 8104

(n,3n)

81-T1-196



15

Incident Energy (MeV)

81-T1-196

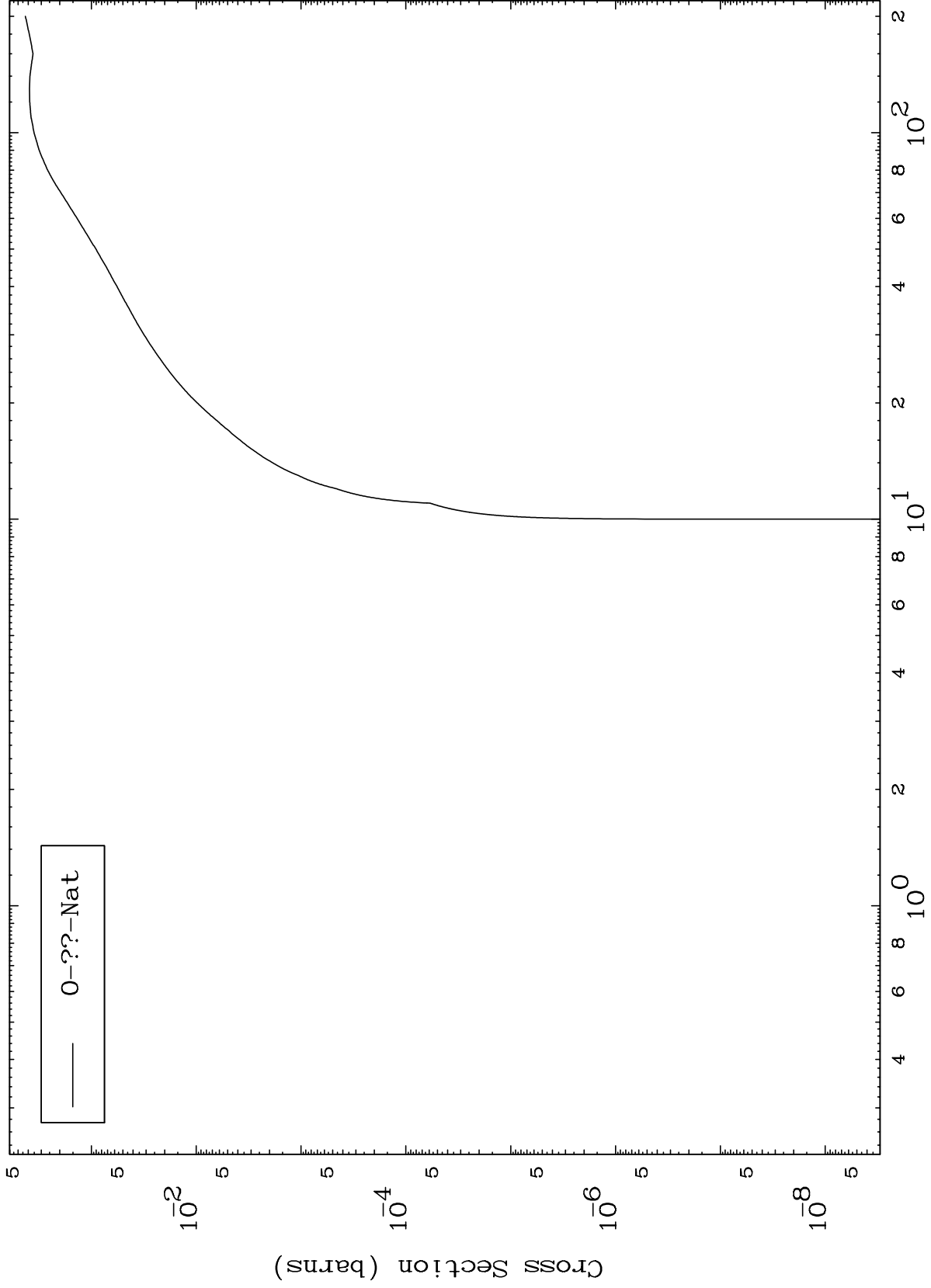


MAT 8104

Fission

81-Tl-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

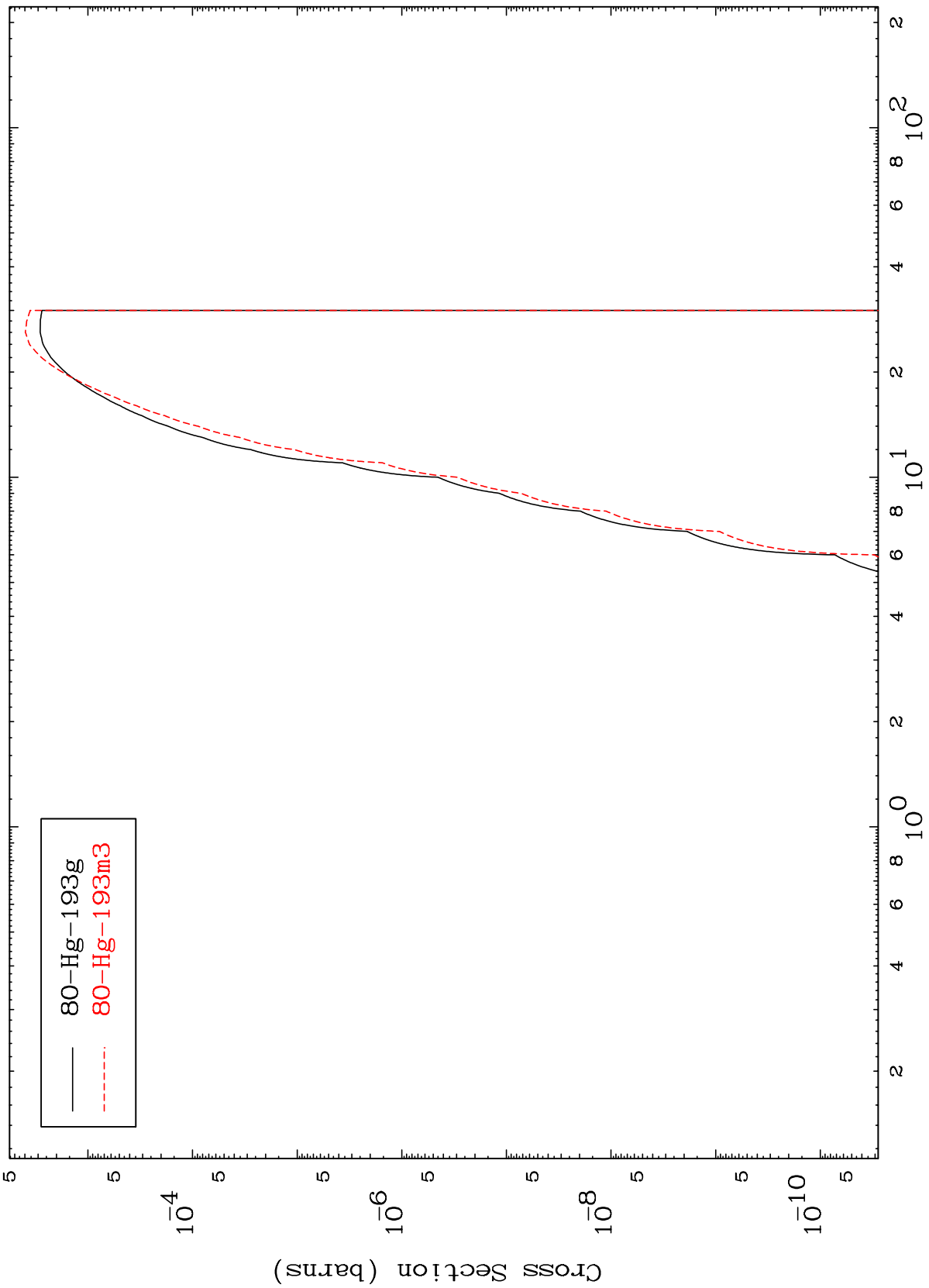
81-Tl-196

MAT 8104

$(n, n') \alpha$

81-Tl-196

Radionuclide Production Cross Section

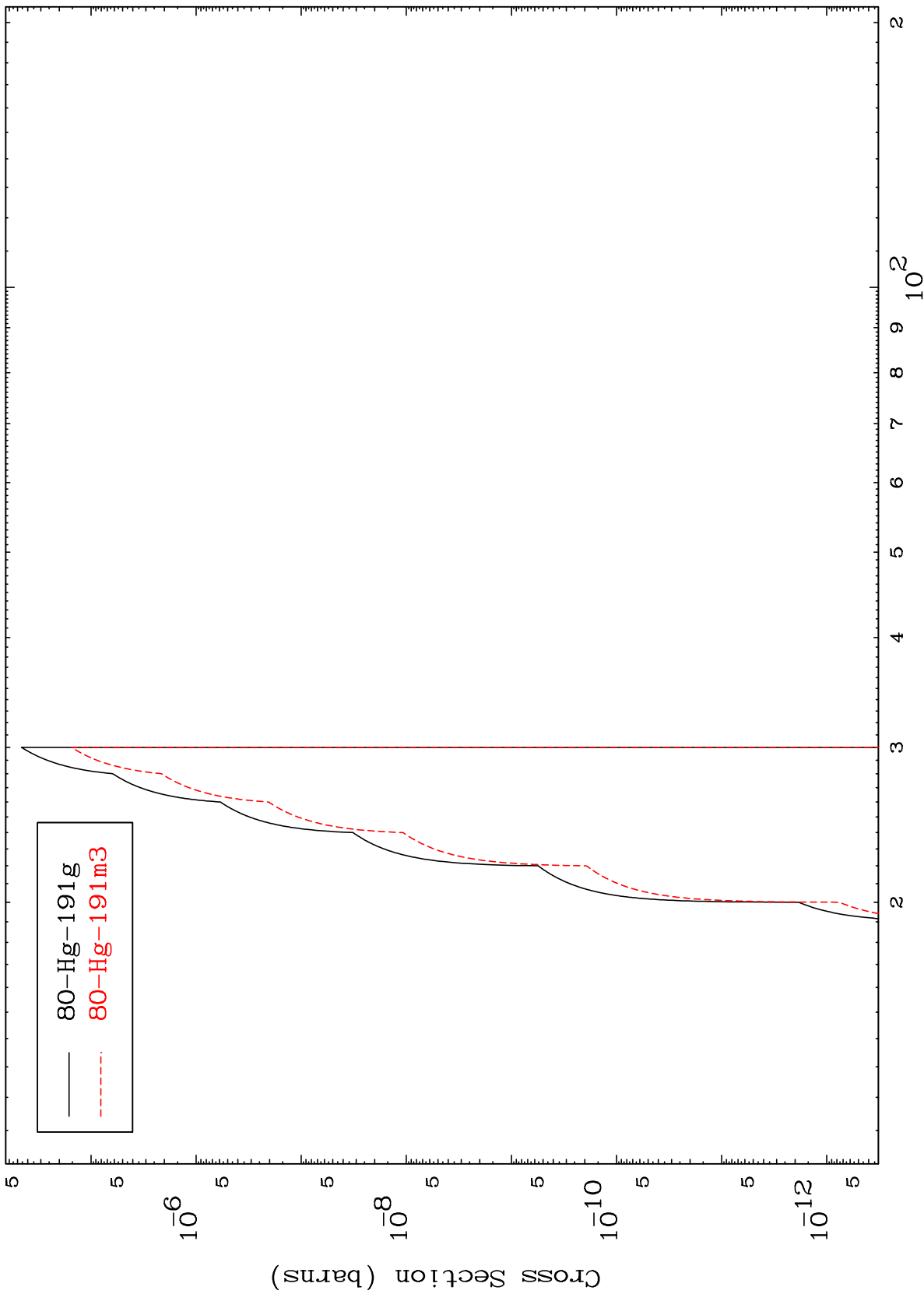


MAT 8104

(n,3n)  $\alpha$

81-Tl-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

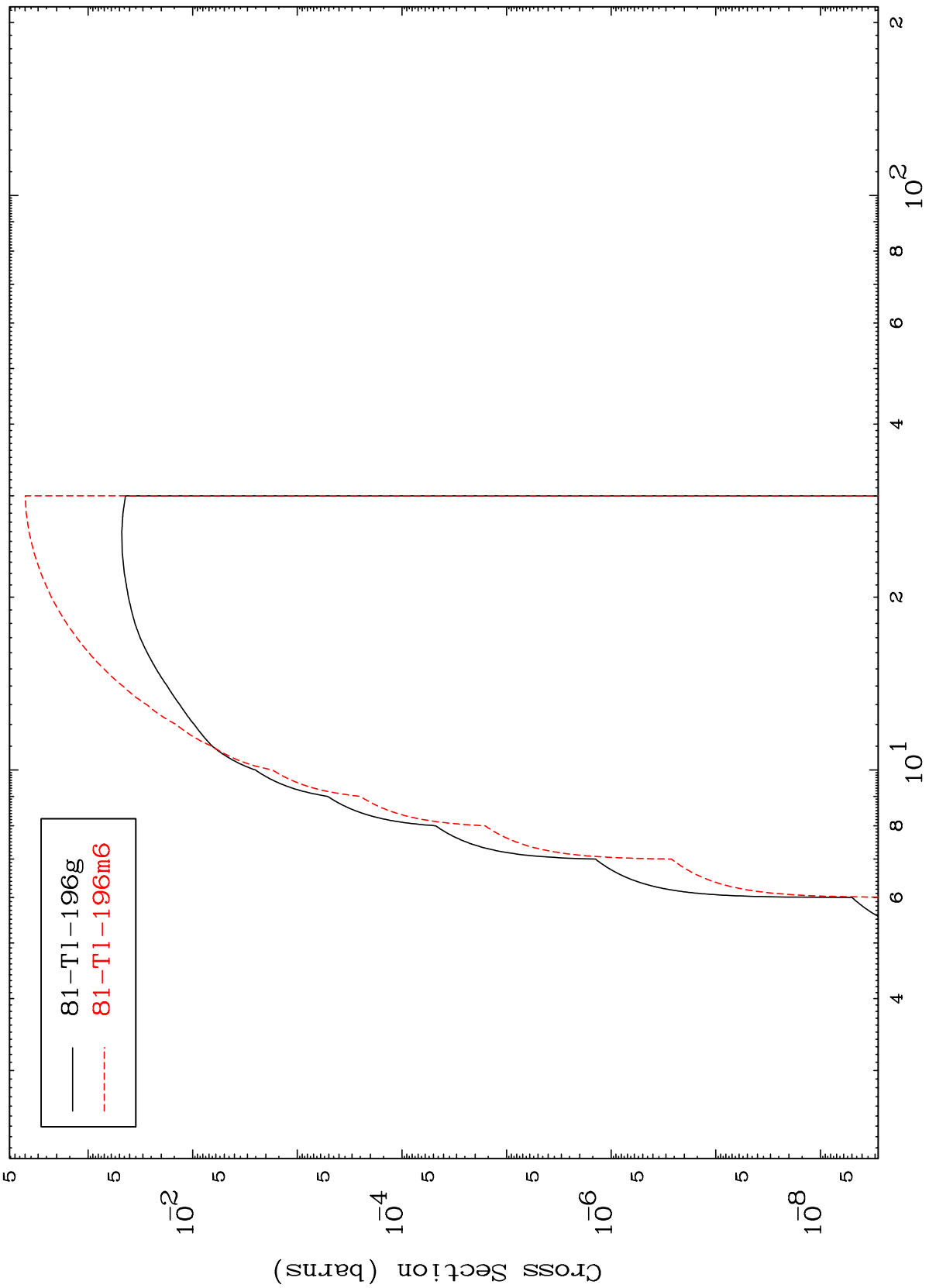
81-Tl-196

MAT 8104

(n,n') p

81-Tl-196

Radionuclide Production Cross Section

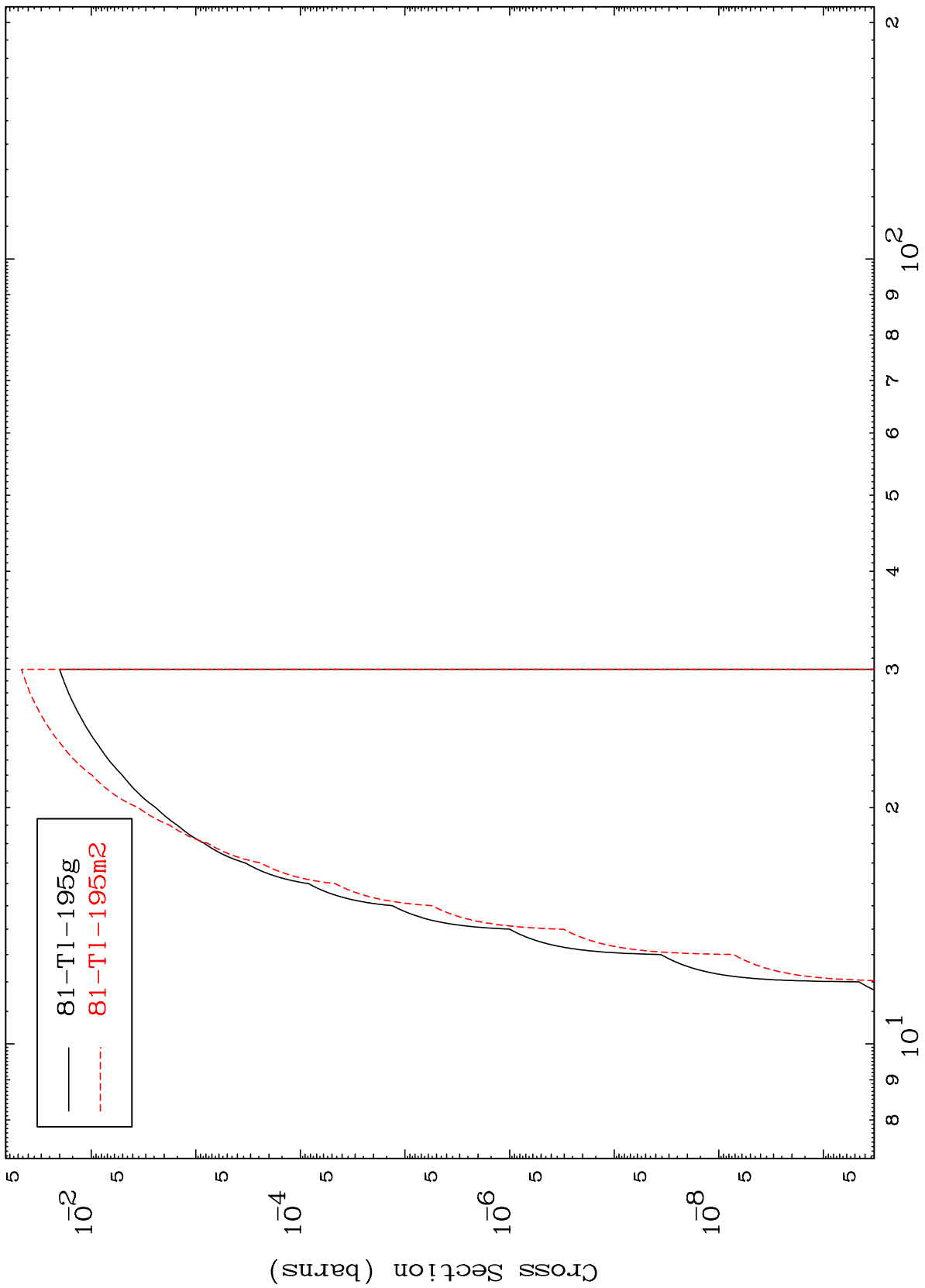


MAT 8104

(n,n') d

81-Tl-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

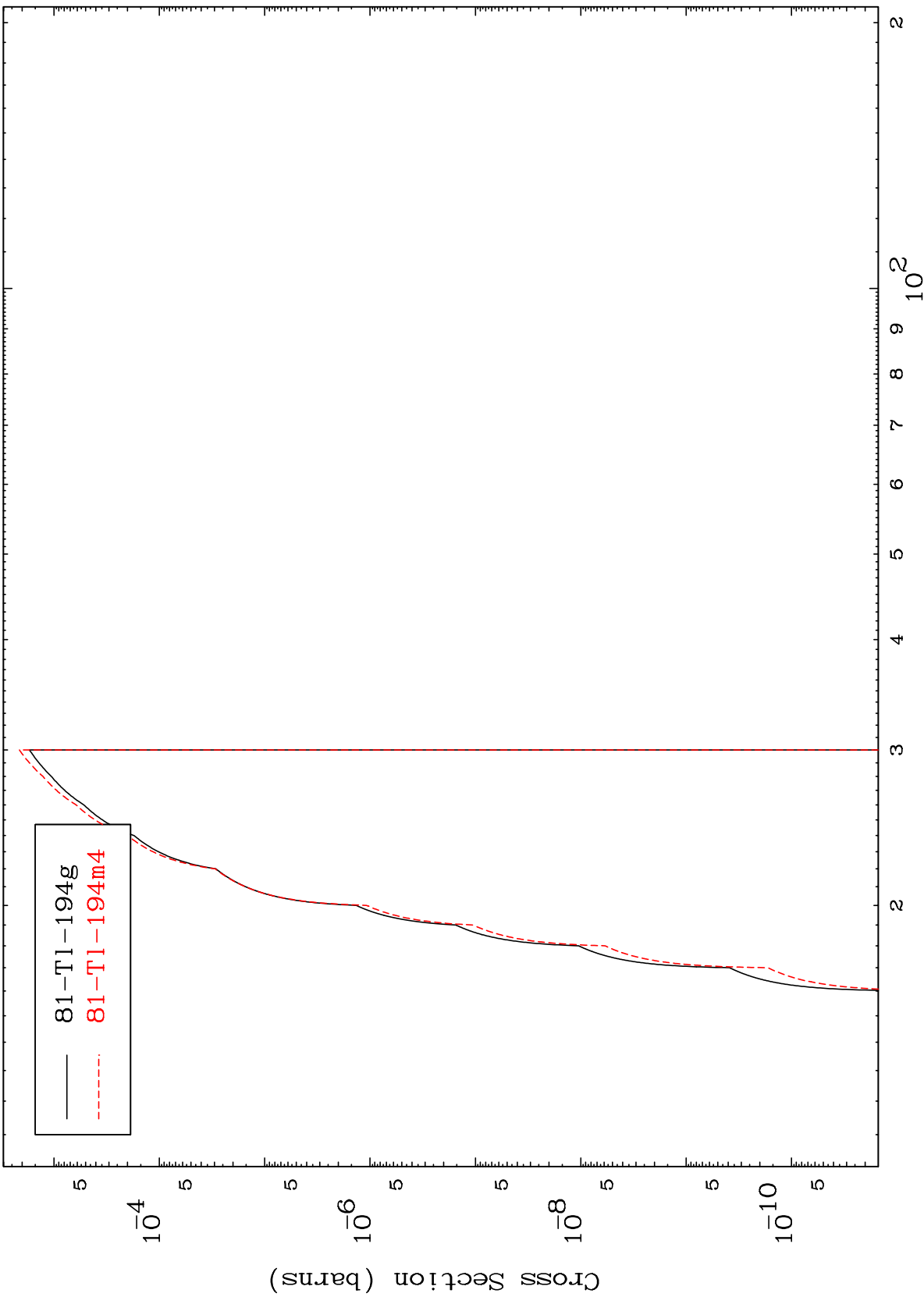
81-Tl-196

MAT 8104

(n,n') t

81-Tl-196

Radionuclide Production Cross Section

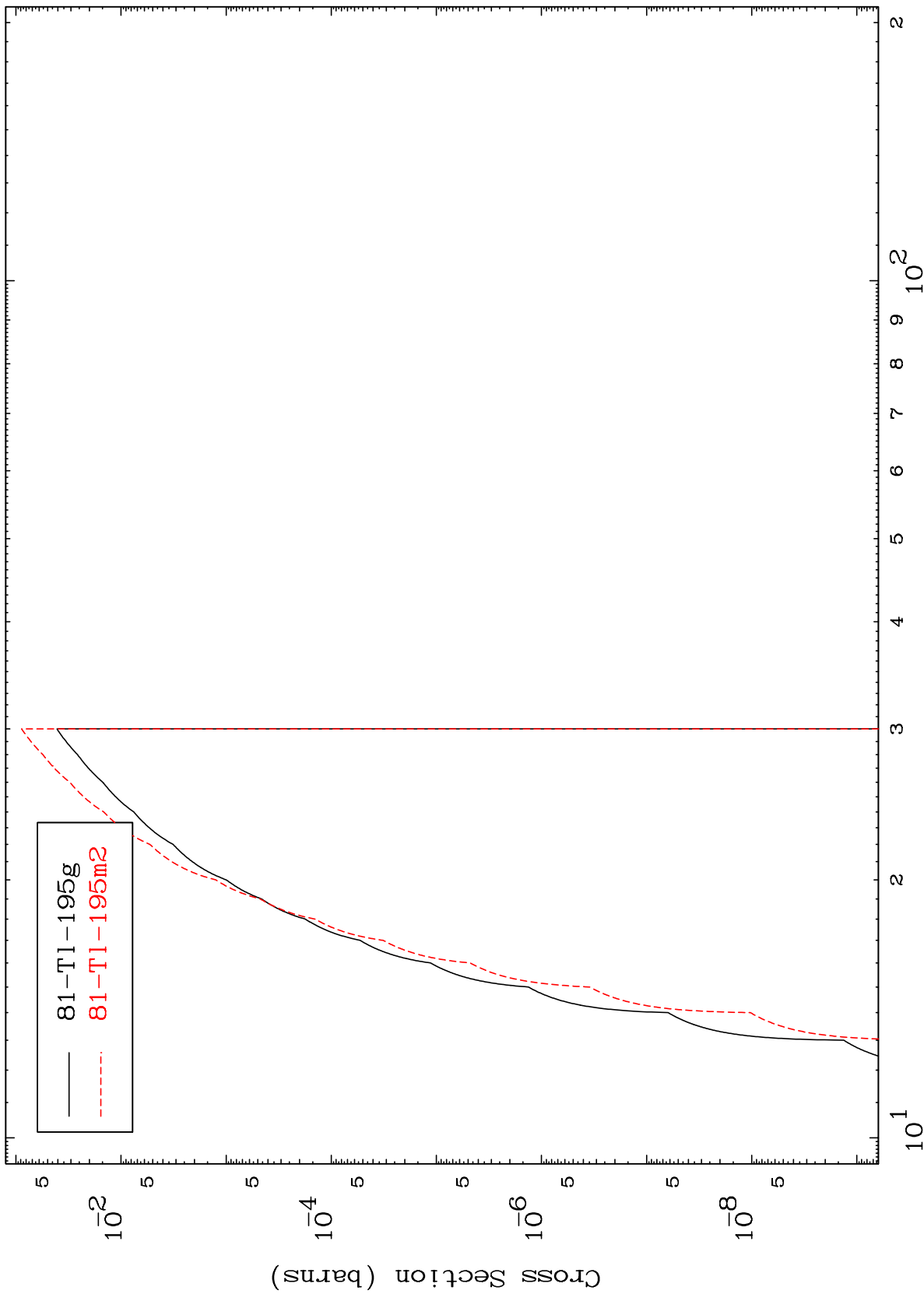


MAT 8104

(n,2n) p

81-Tl-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

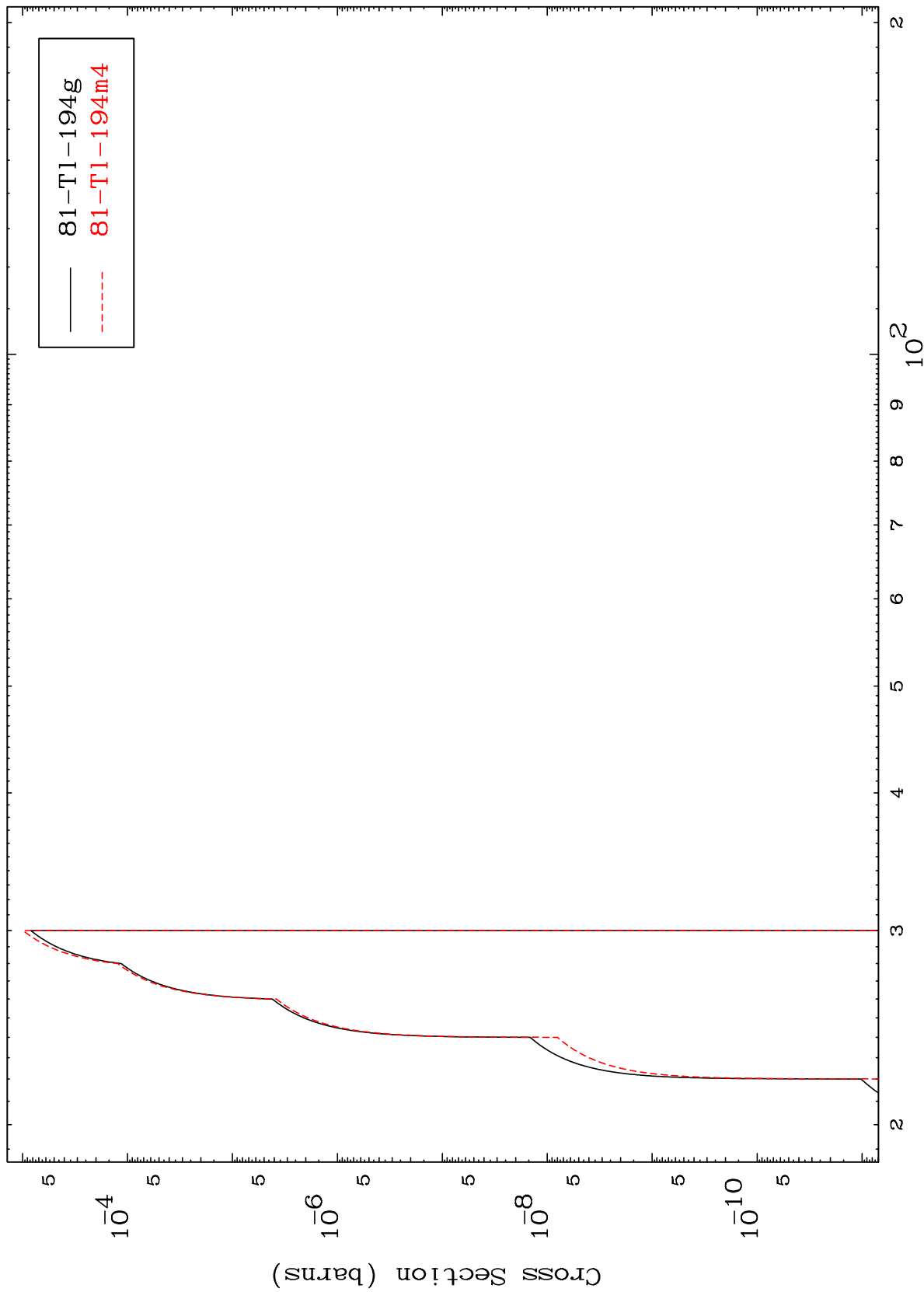
81-Tl-196

MAT 8104

81-Tl-196

(n,3n) p

Radionuclide Production Cross Section



23

81-Tl-196

Incident Energy (MeV)

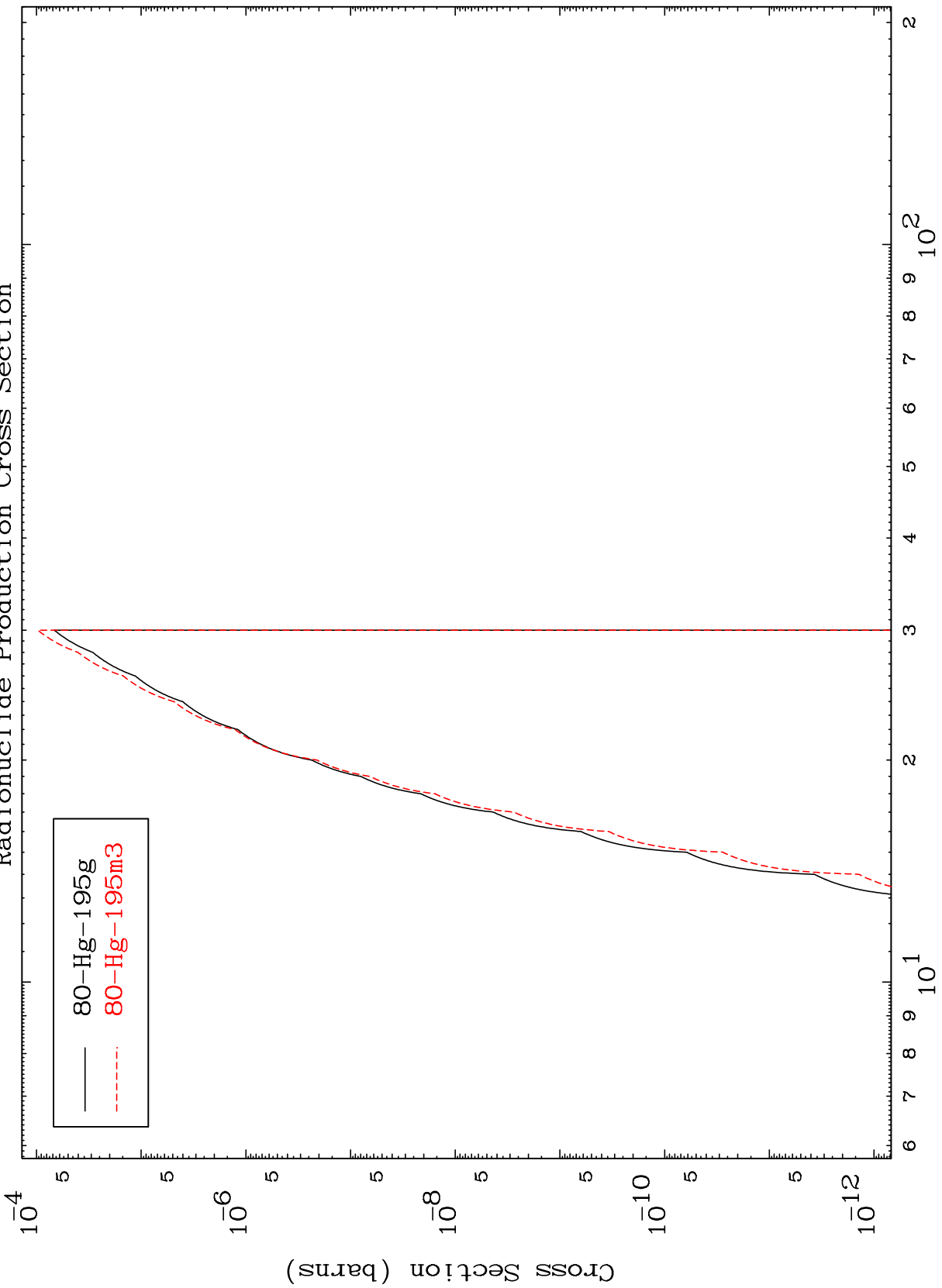


MAT 8104

(n,2n) p

81-Tl-196

Radionuclide Production Cross Section



80-Hg-195g  
80-Hg-195m3

24

Incident Energy (MeV)

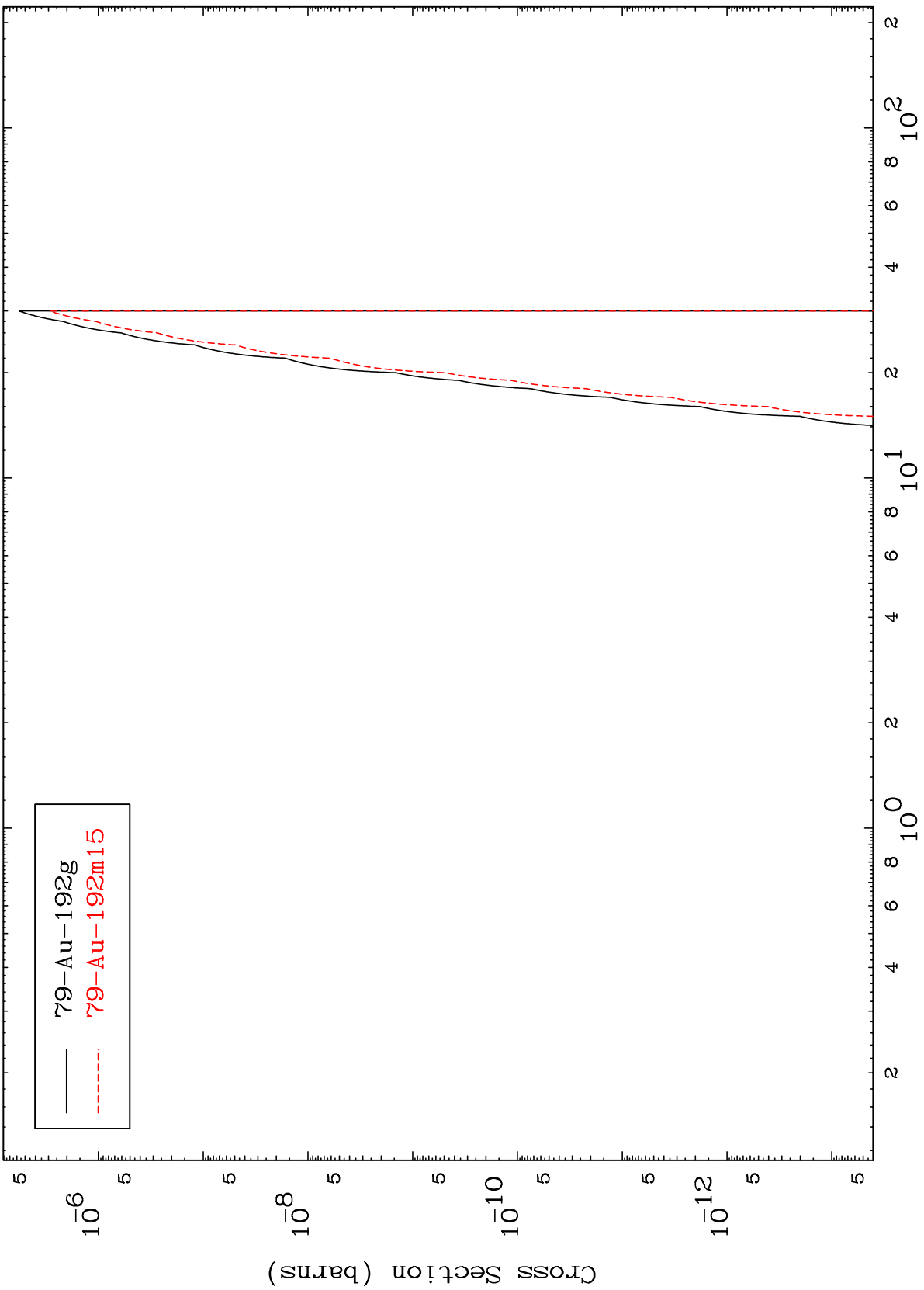
81-Tl-196

MAT 8104

(n,n') p  $\alpha$

81-Tl-196

Radionuclide Production Cross Section



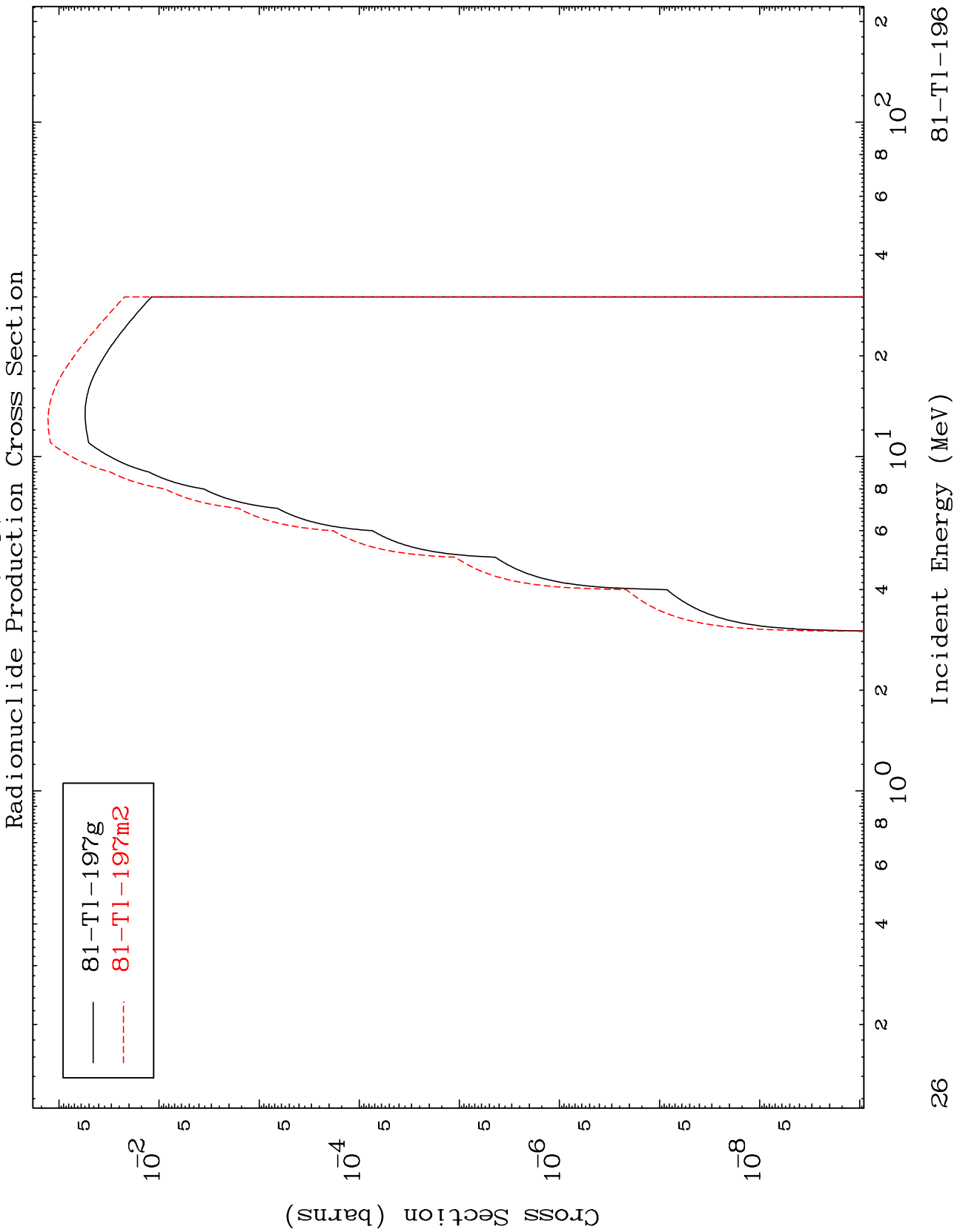
25

Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

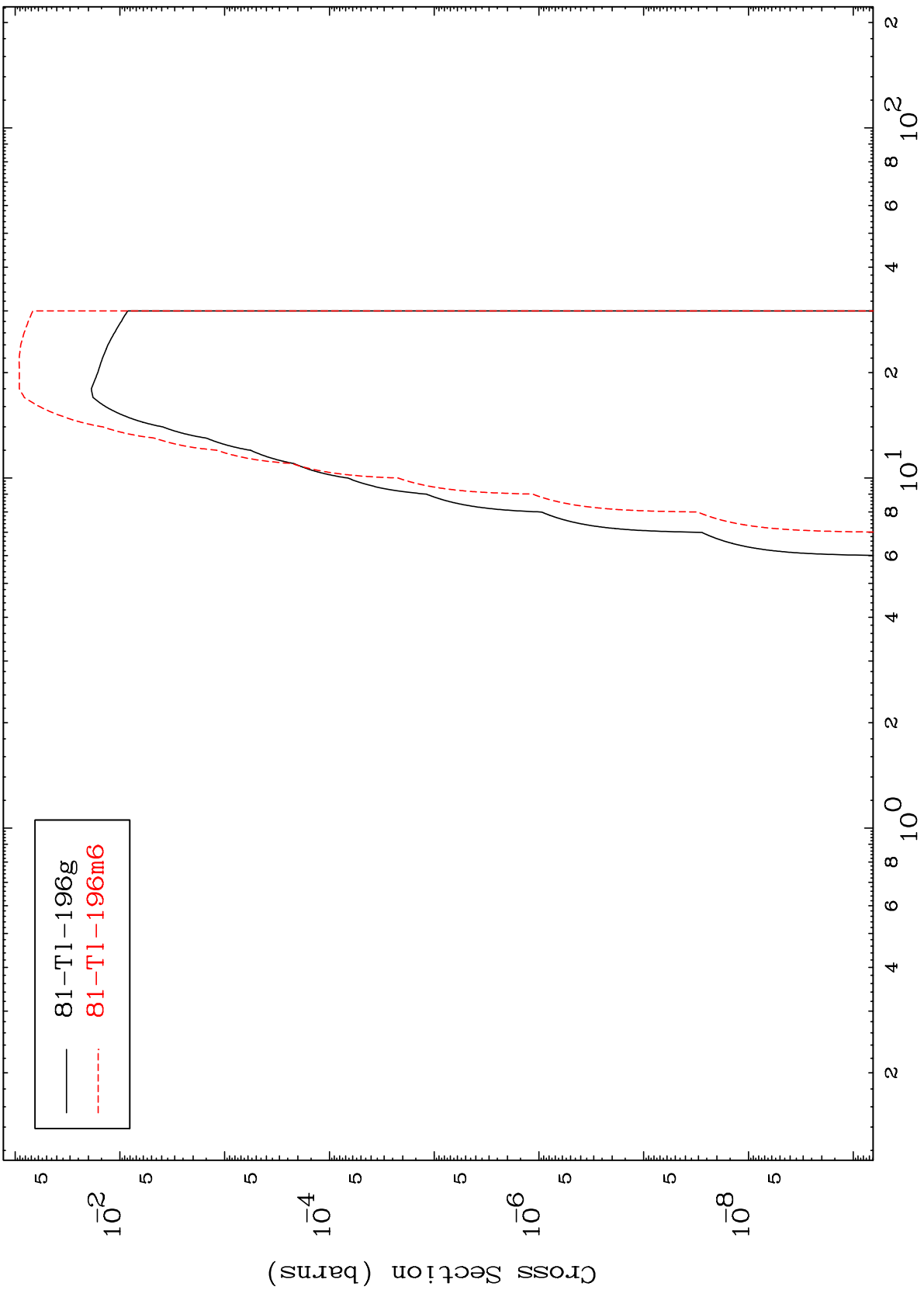


MAT 8104

(n,d)

81-Tl-196

Radionuclide Production Cross Section

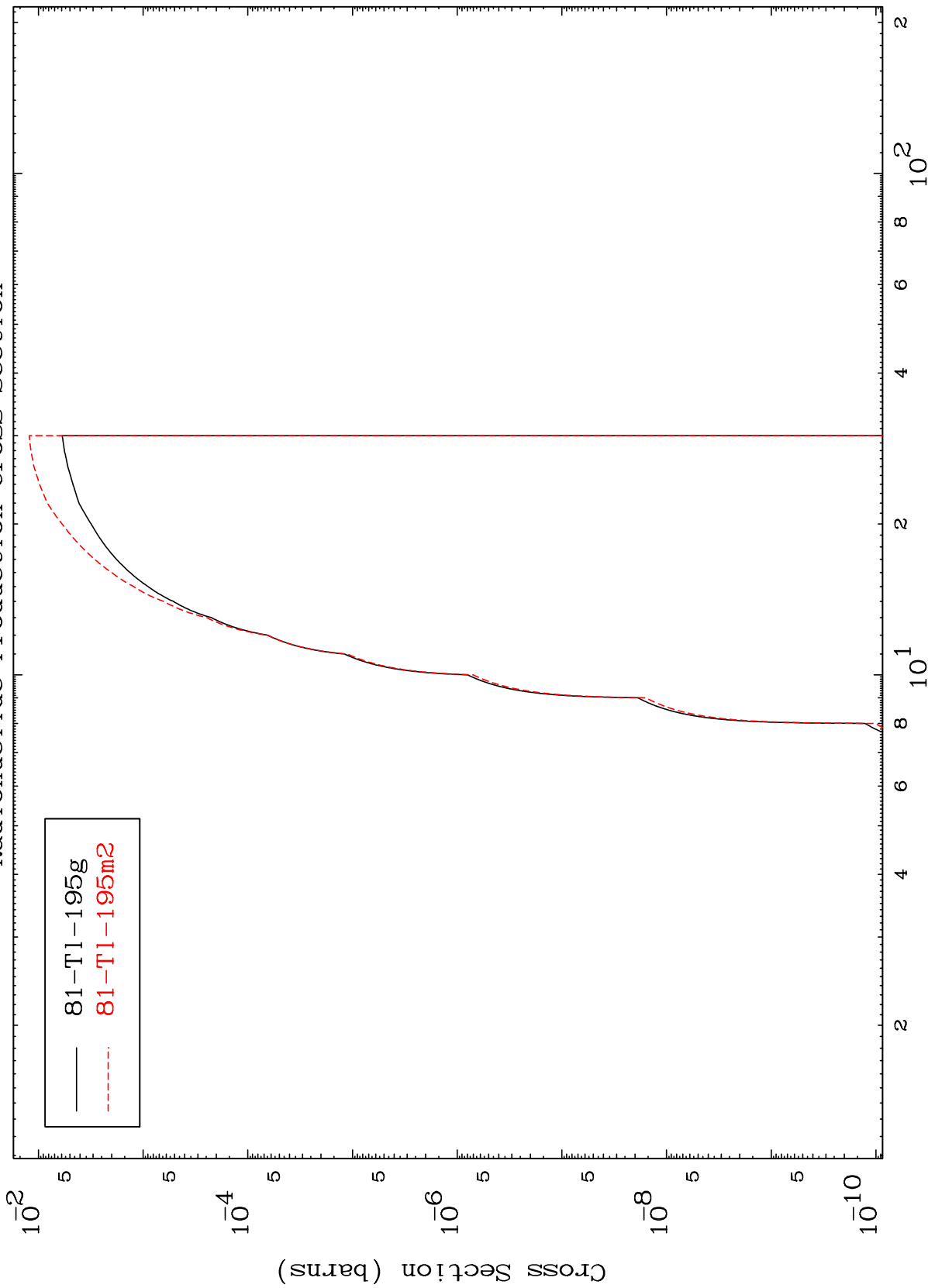


81-Tl-196g  
81-Tl-196m6

MAT 8104

81-Tl-196

(n, t)  
Radionuclide Production Cross Section

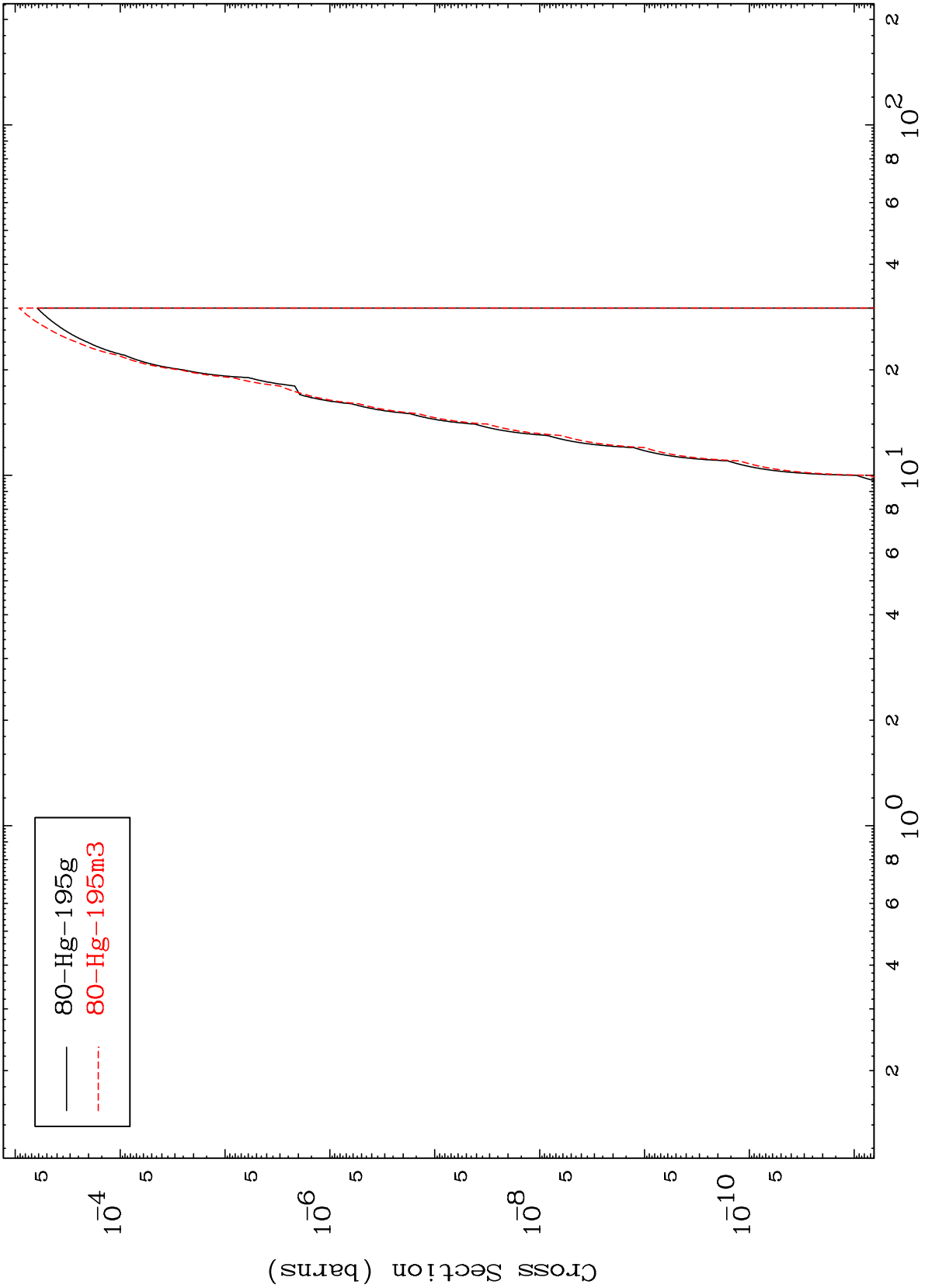
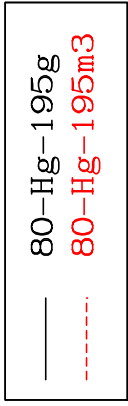


MAT 8104

(n,He-3)

81-Tl-196

Radionuclide Production Cross Section

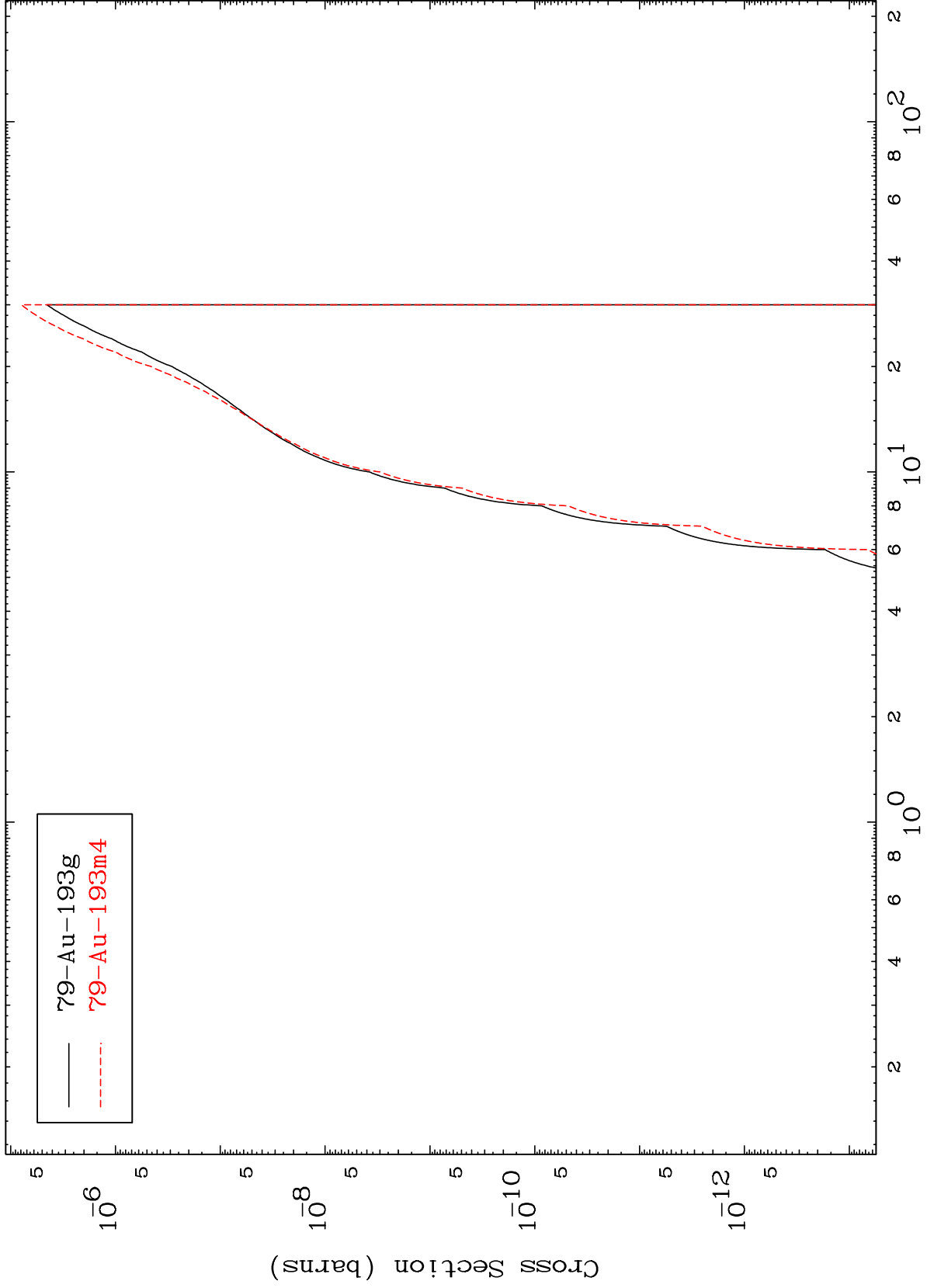


MAT 8104

(n,p)  $\alpha$

81-Tl-196

Radionuclide Production Cross Section



30

Incident Energy (MeV)

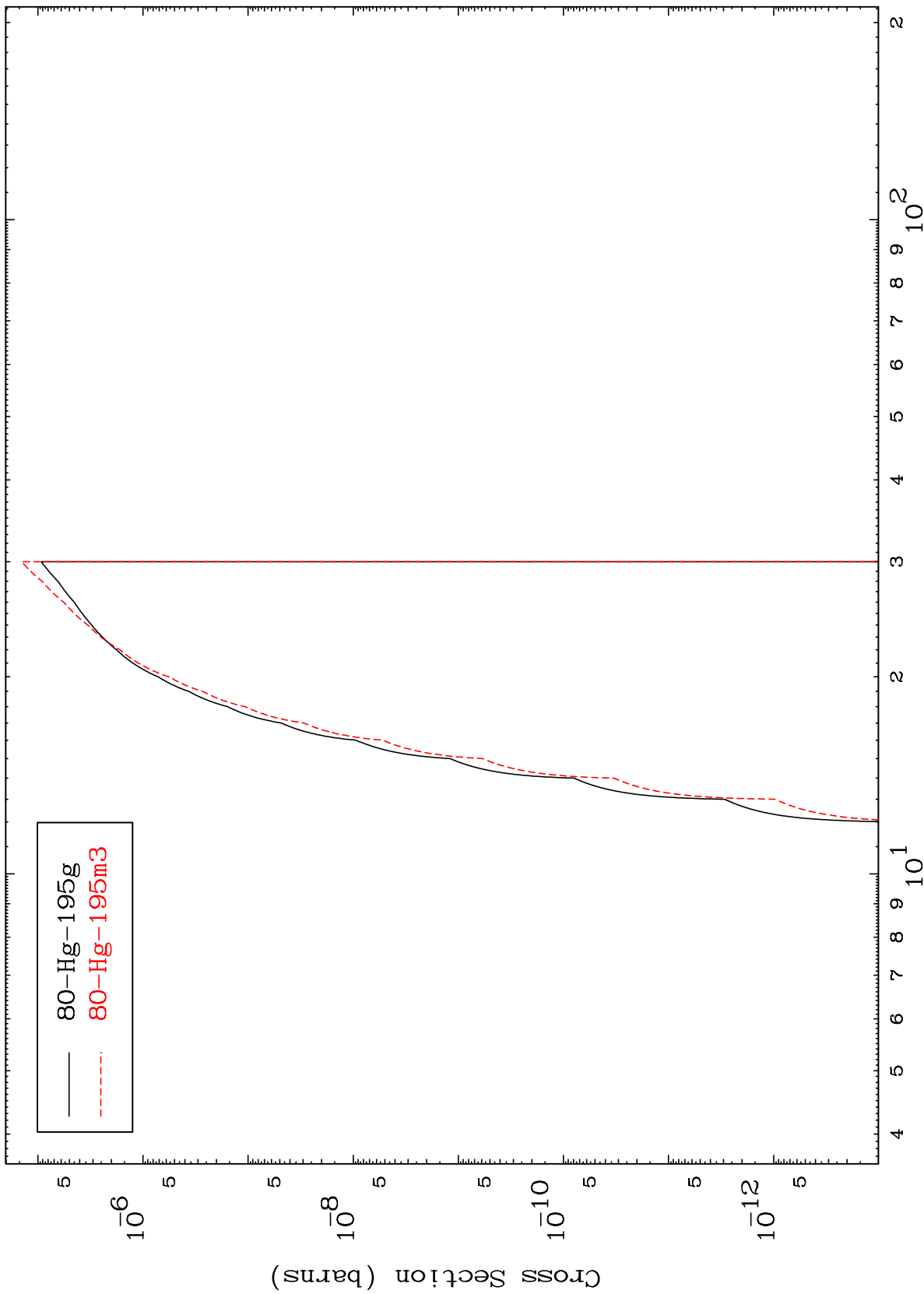
81-Tl-196

MAT 8104

(n,p) d

81-Tl-196

Radionuclide Production Cross Section





MAT 8104

(n,d)  $\alpha$

81-Tl-196

