

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

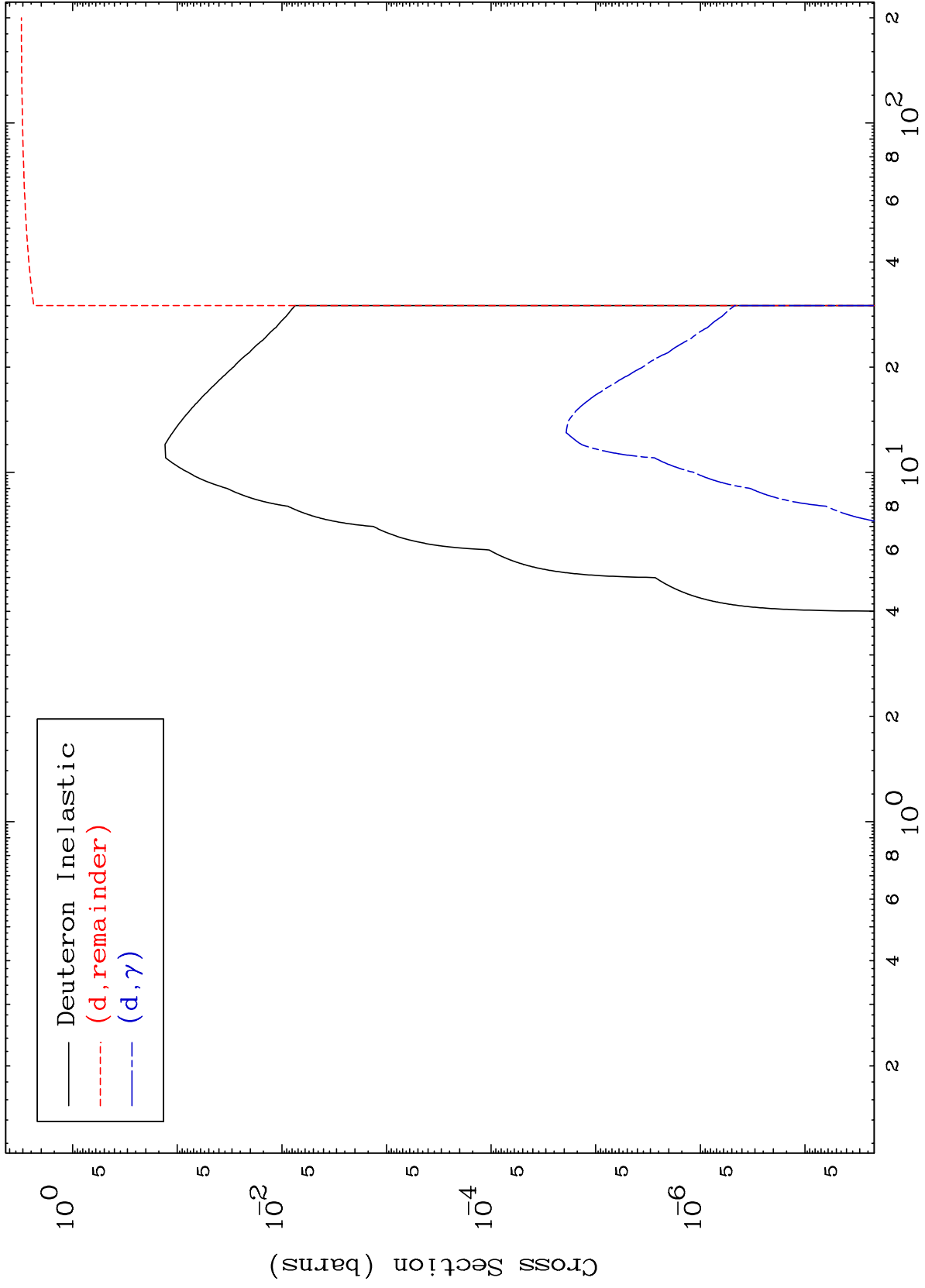
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

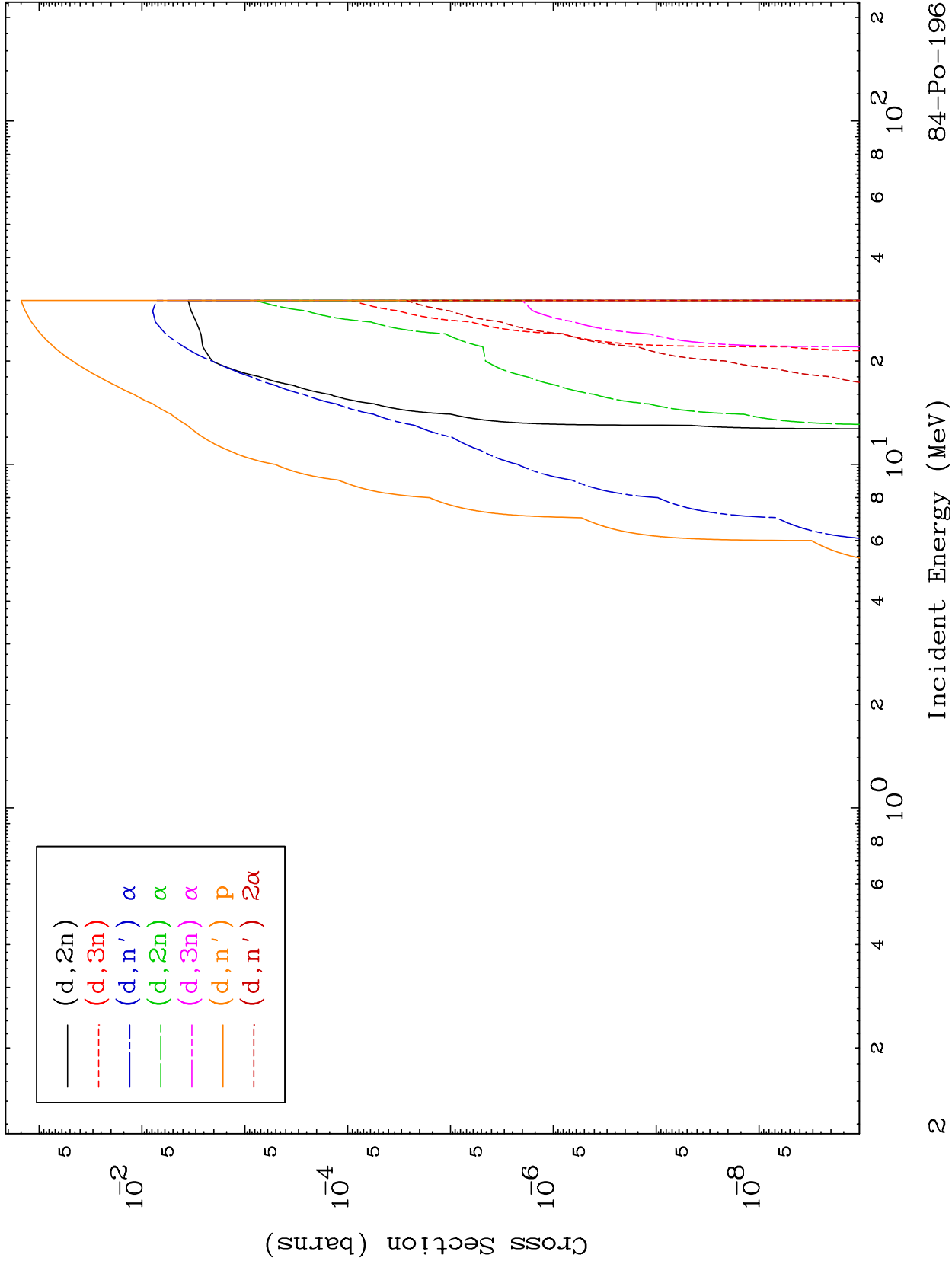
Tele: 925-443-1911

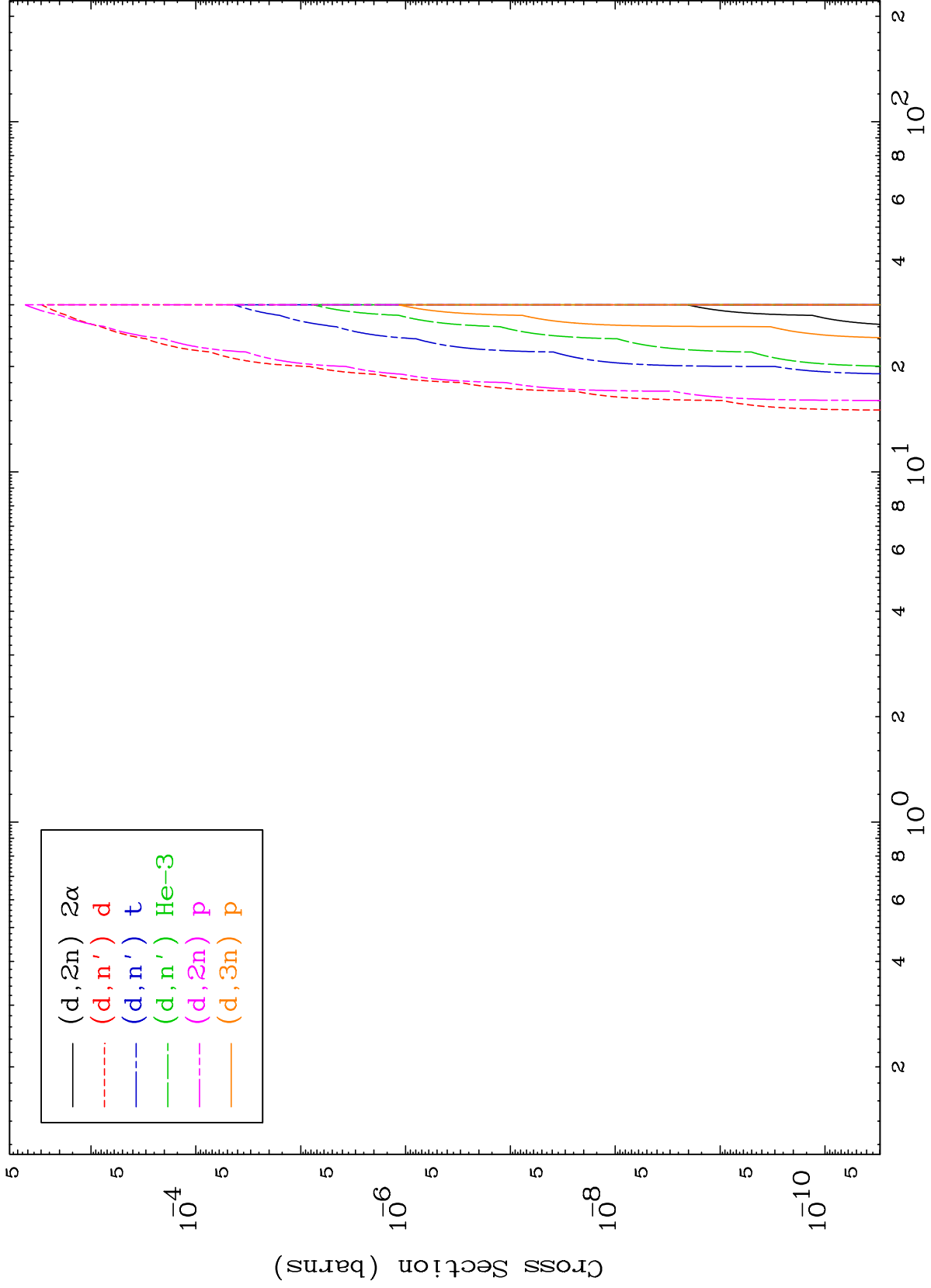
E.Mail:redcullen1@comcast.net

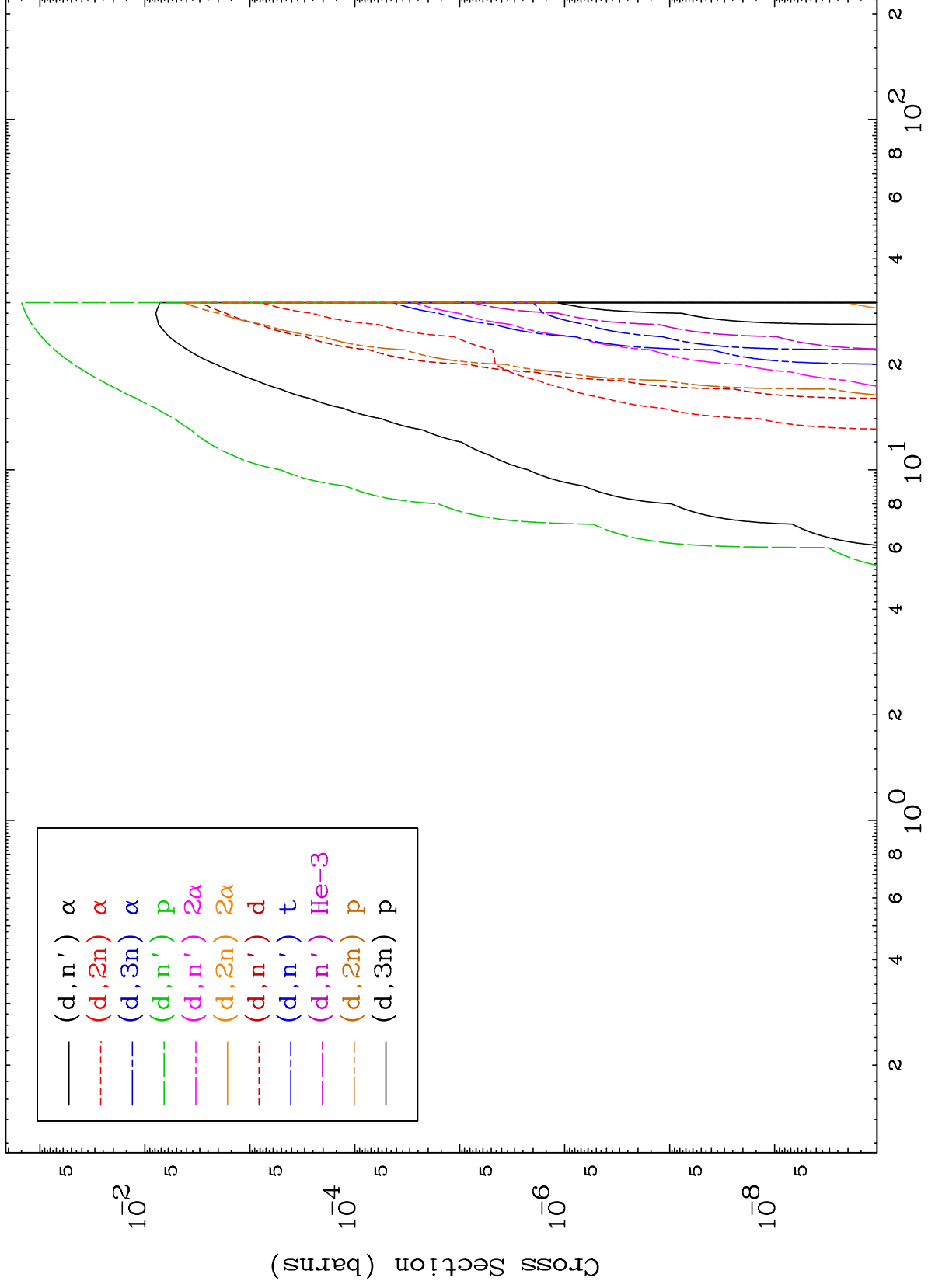
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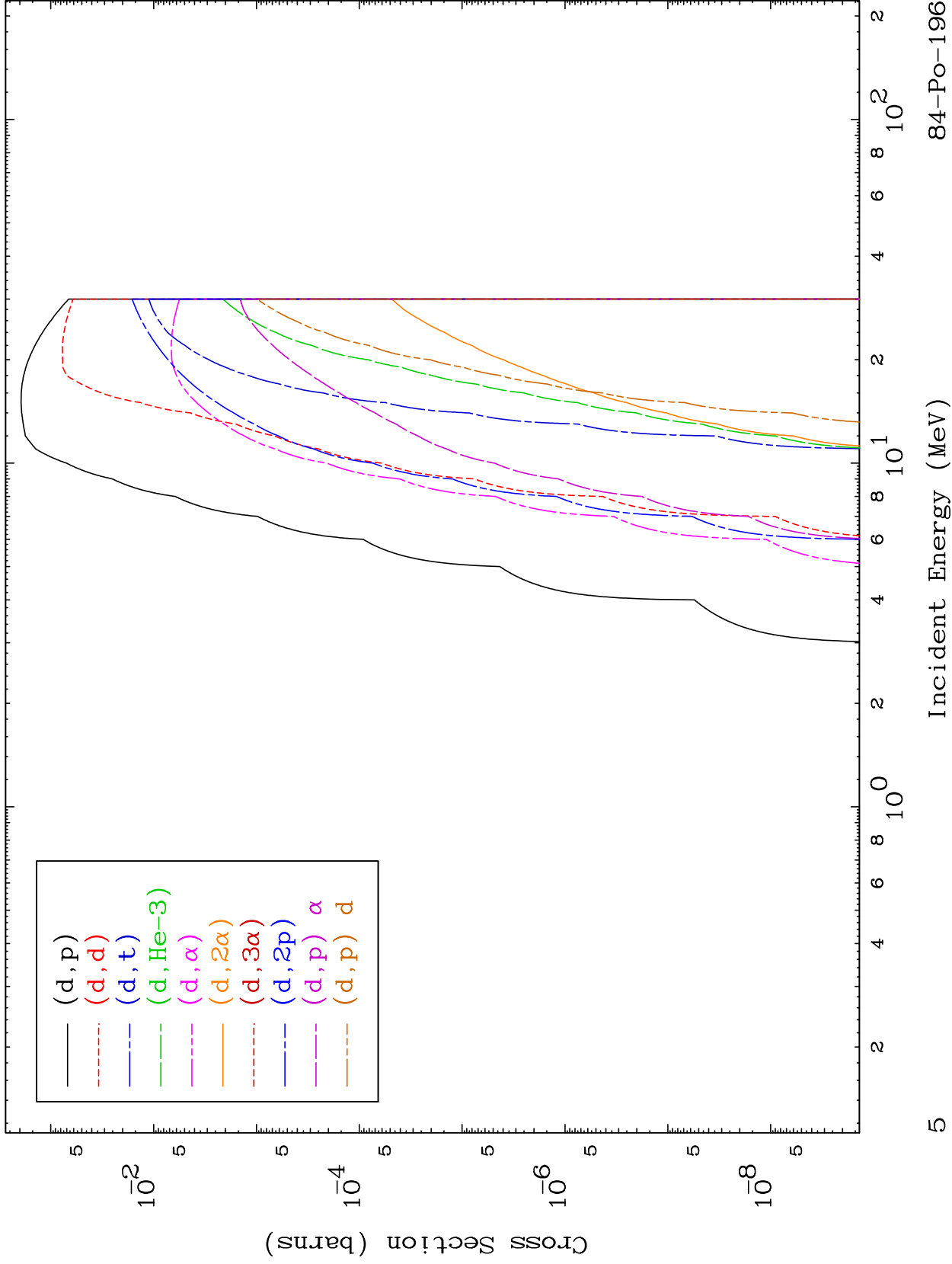
Press Mouse Button to Start









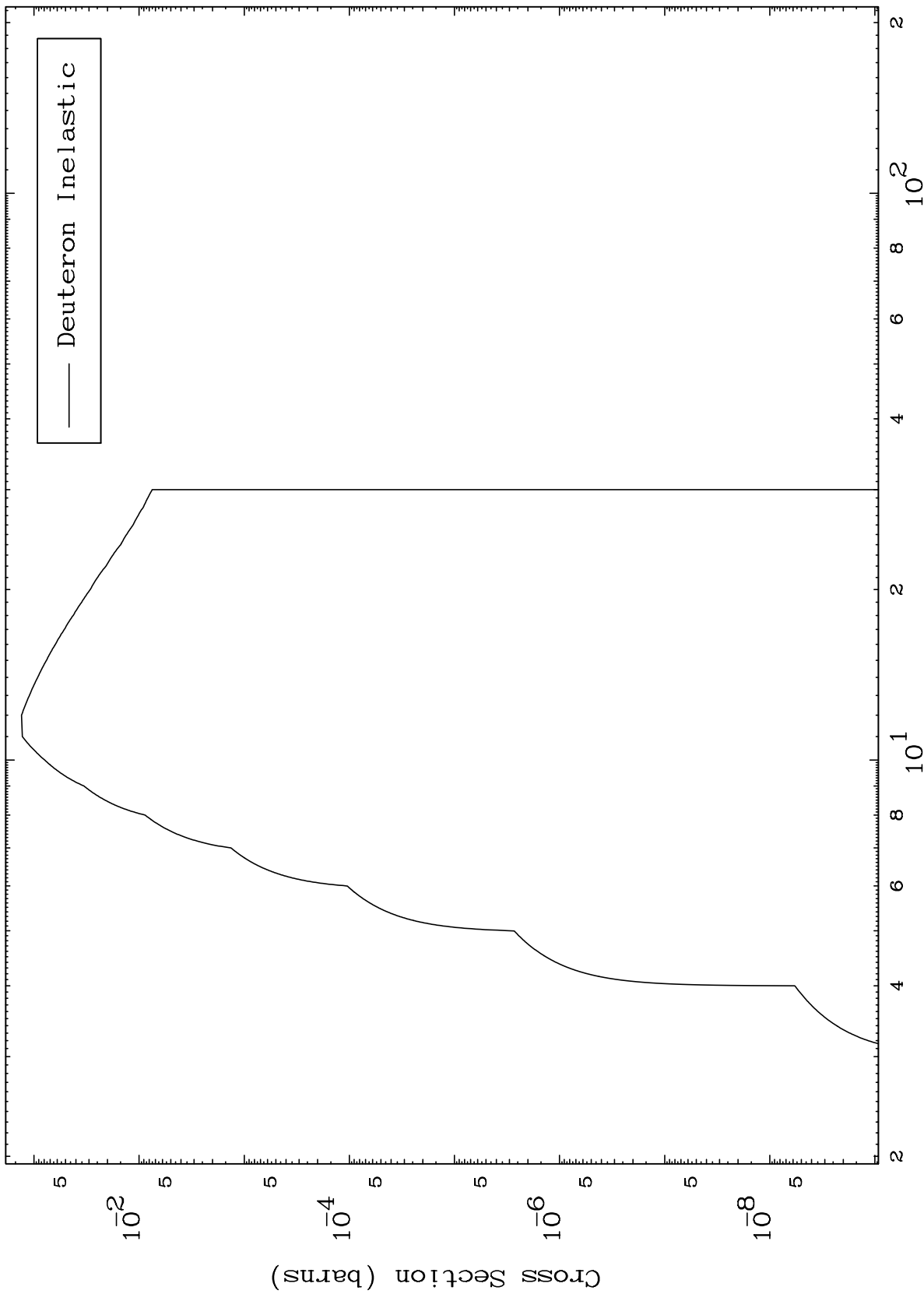


MAT 8395

(d,n') Level

84-Po-196

0 Kelvin Cross Sections



6

Incident Energy (MeV)

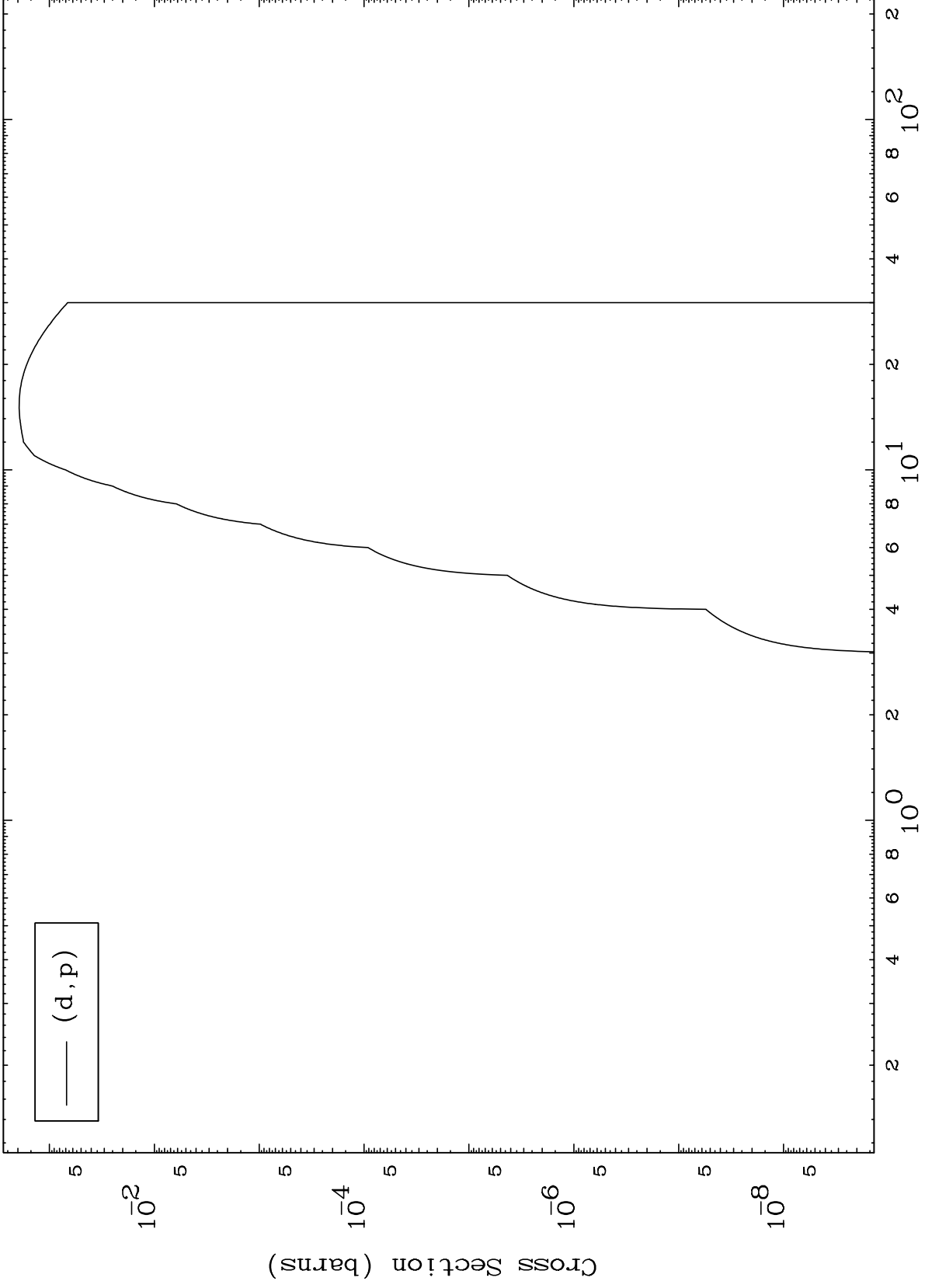
84-Po-196

MAT 8395

(d,p) Levels

84-Po-196

0 Kelvin Cross Sections

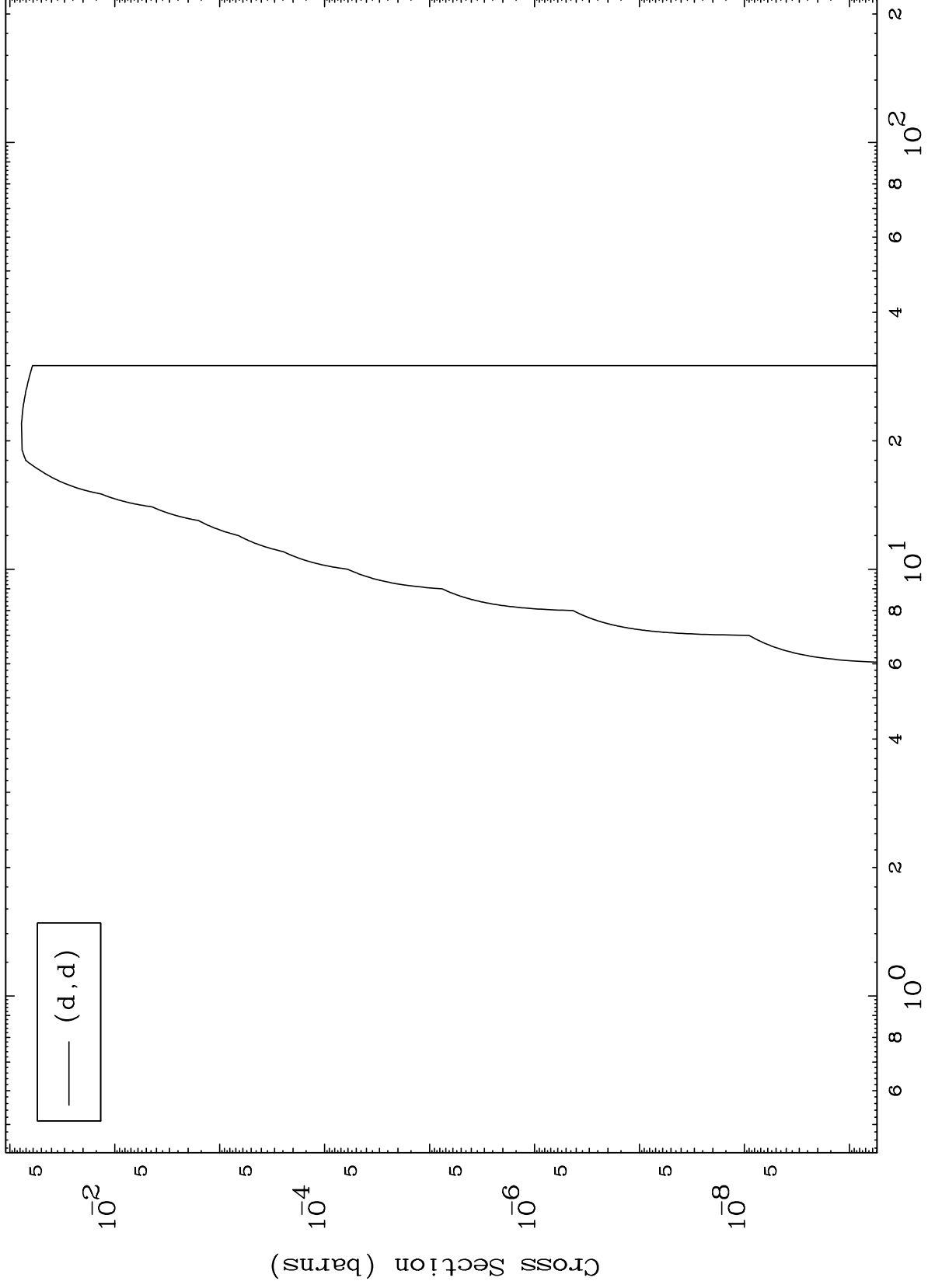




MAT 8395

(d,d) Levels  
0 Kelvin Cross Sections

84-Po-196



8

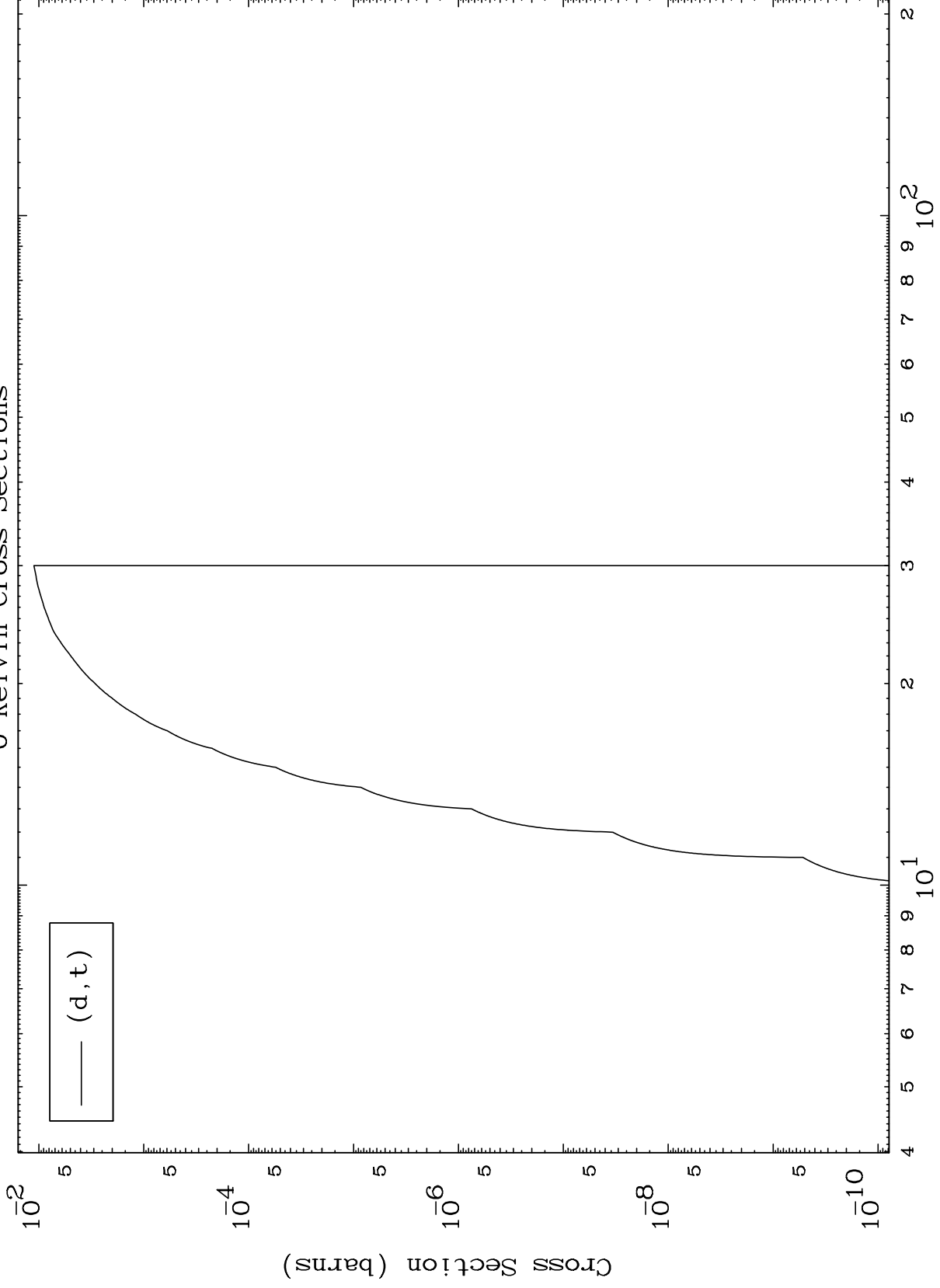
Incident Energy (MeV)

84-Po-196

MAT 8395

(d,t) Levels  
0 Kelvin Cross Sections

84-Po-196

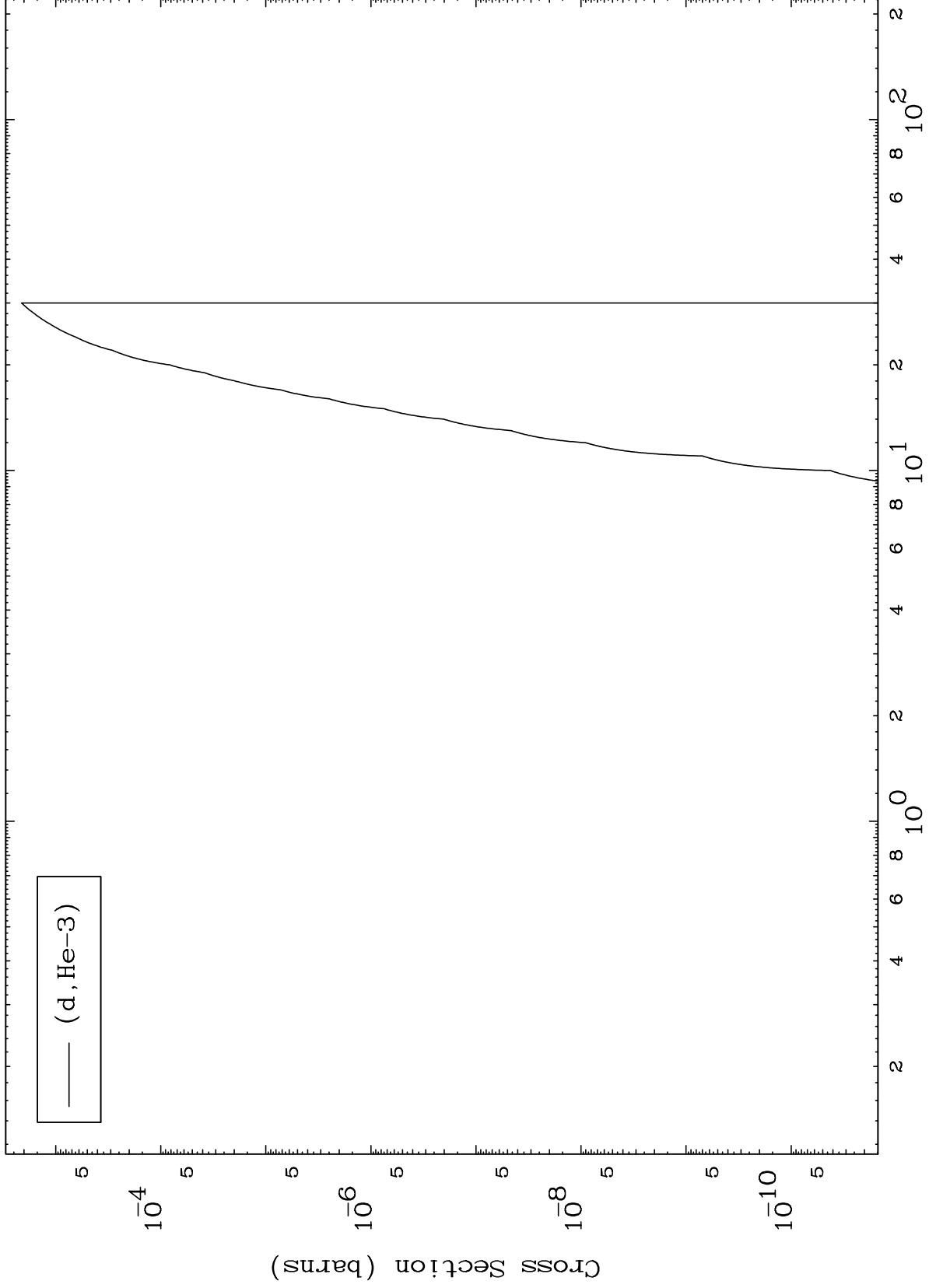


MAT 8395

(d,He3) Levels

84-Po-196

0 Kelvin Cross Sections



10

Incident Energy (MeV)

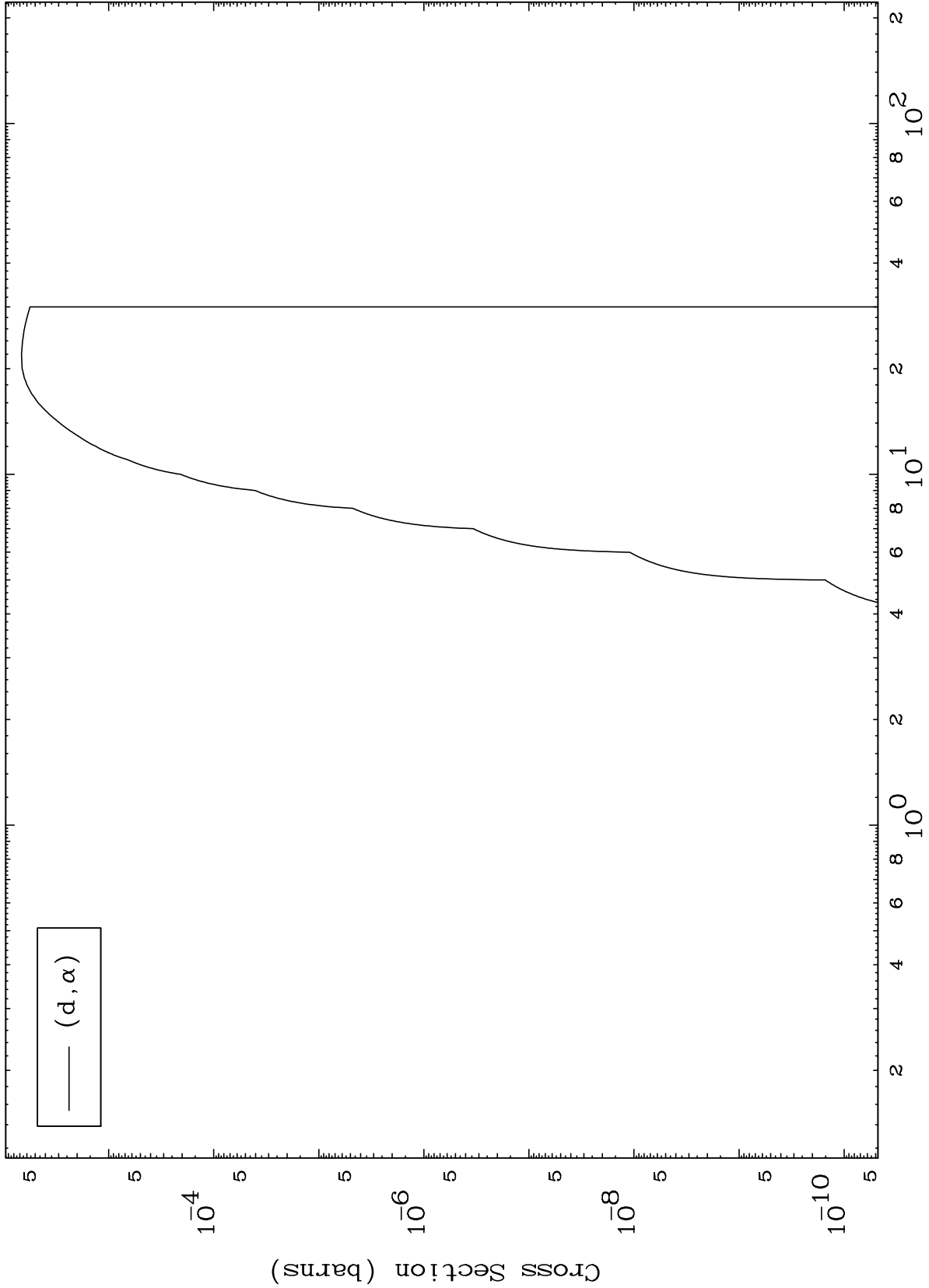
84-Po-196

MAT 8395

(d,  $\alpha$ ) Levels

84-Po-196

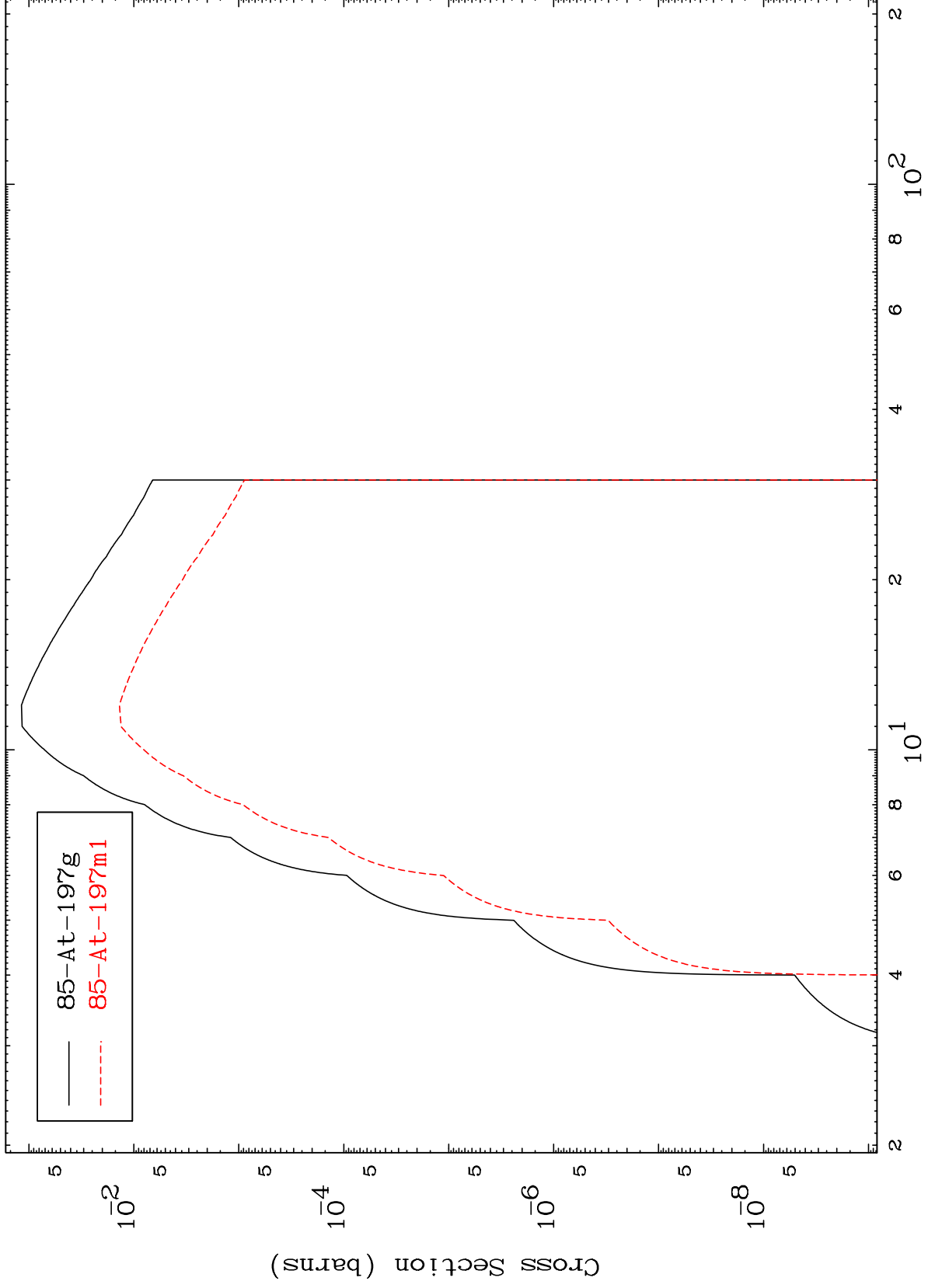
0 Kelvin Cross Sections



MAT 8395

Deuteron Inelastic  
Radionuclide Production Cross Section

84-Po-196



12

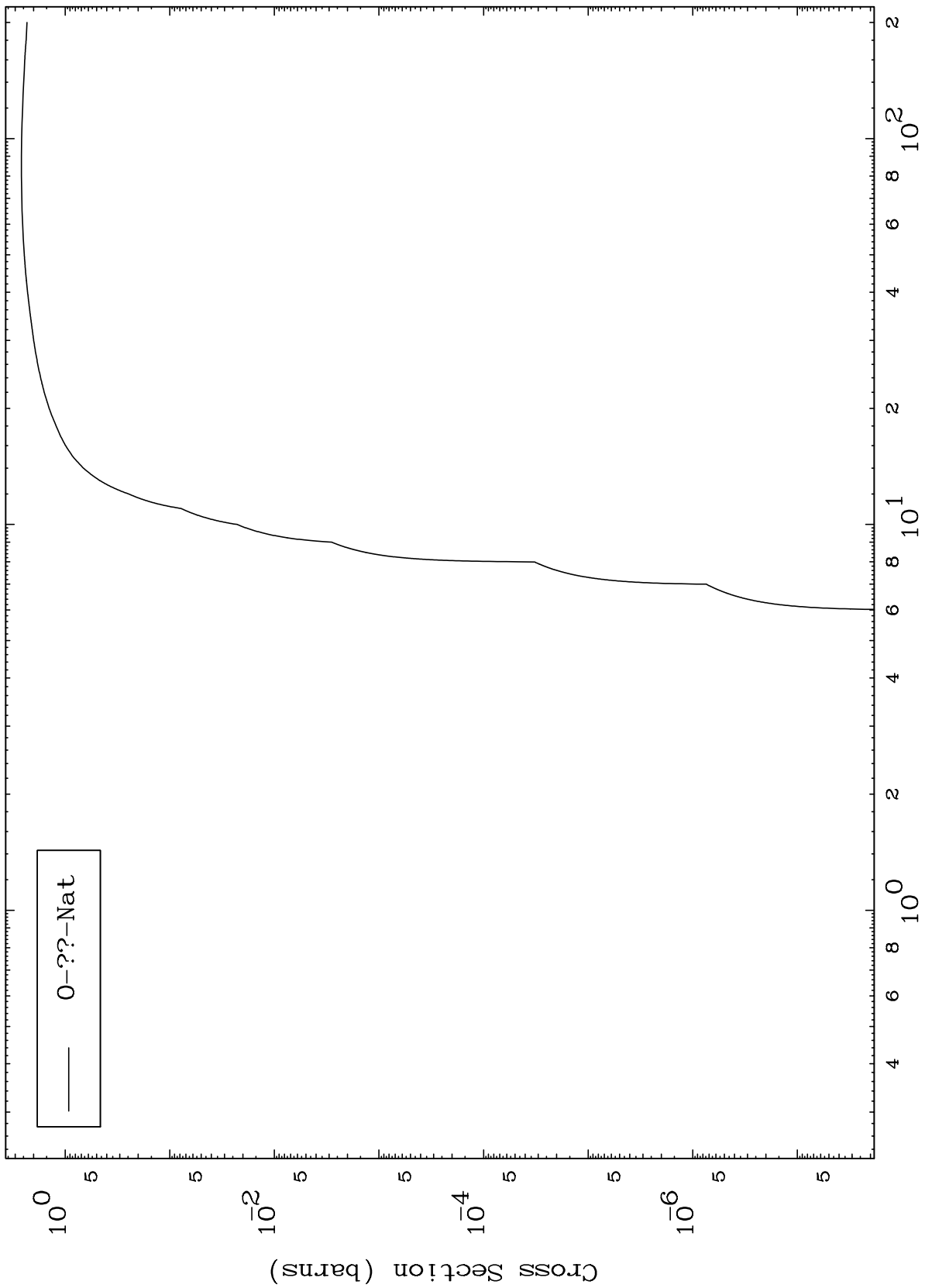
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

Deuteron Fission  
Radionuclide Production Cross Section



84-Po-196

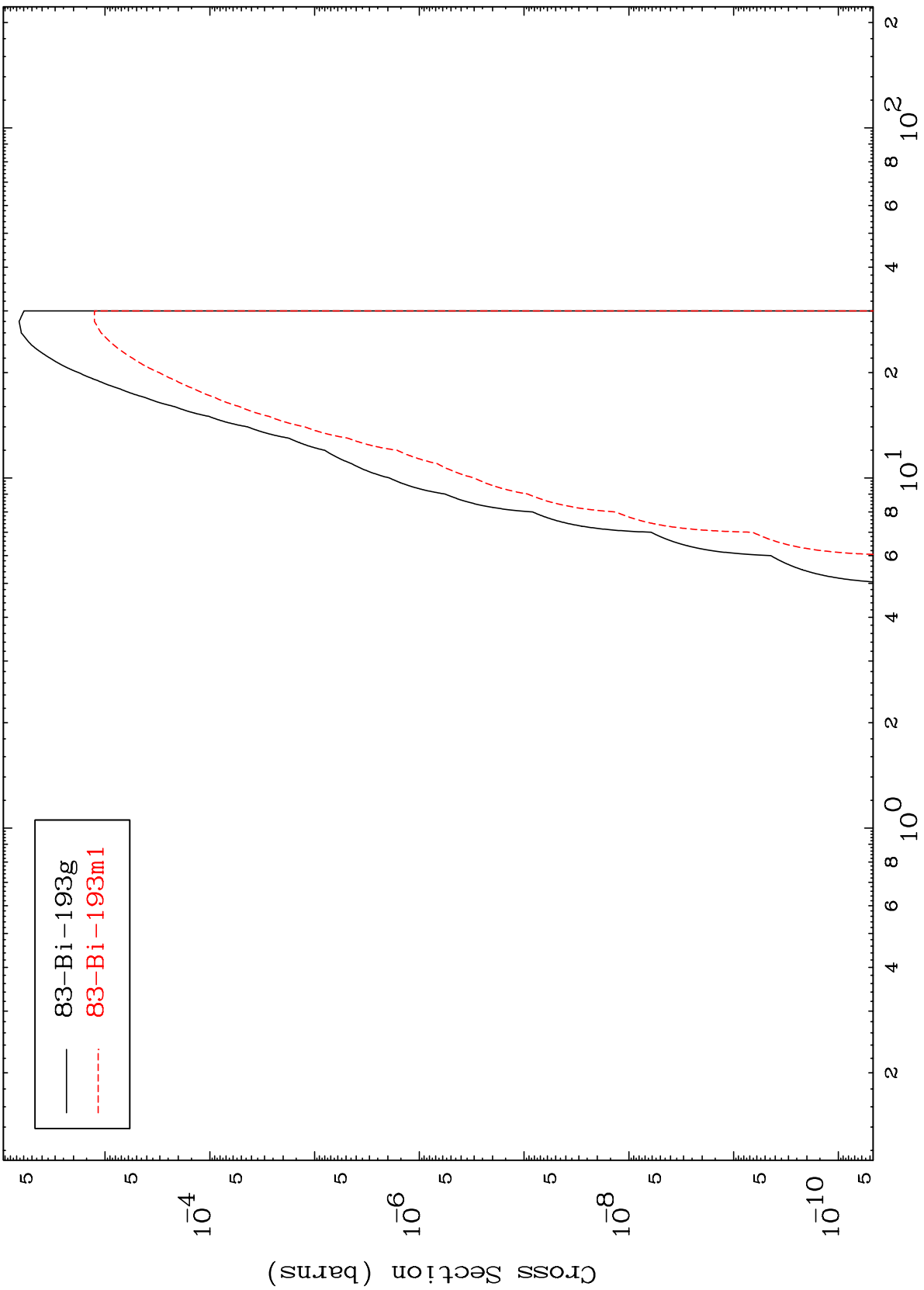
Incident Energy (MeV)

MAT 8395

(d,n')  $\alpha$

84-Po-196

Radionuclide Production Cross Section



83-Bi-193g  
83-Bi-193m1

14

Incident Energy (MeV)

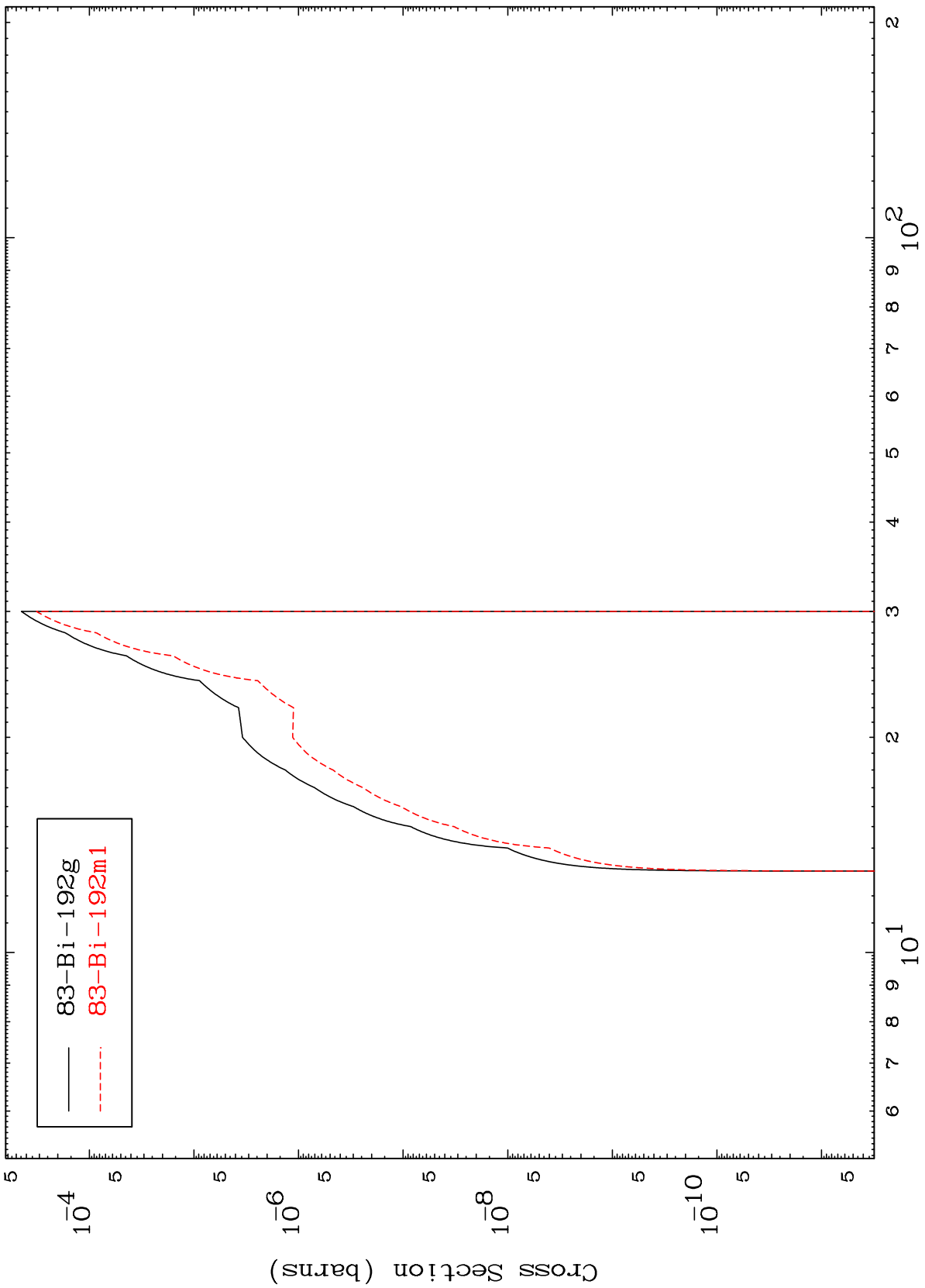
84-Po-196

MAT 8395

(d,2n)  $\alpha$

84-Po-196

Radionuclide Production Cross Section



83-Bi-192g  
83-Bi-192m1

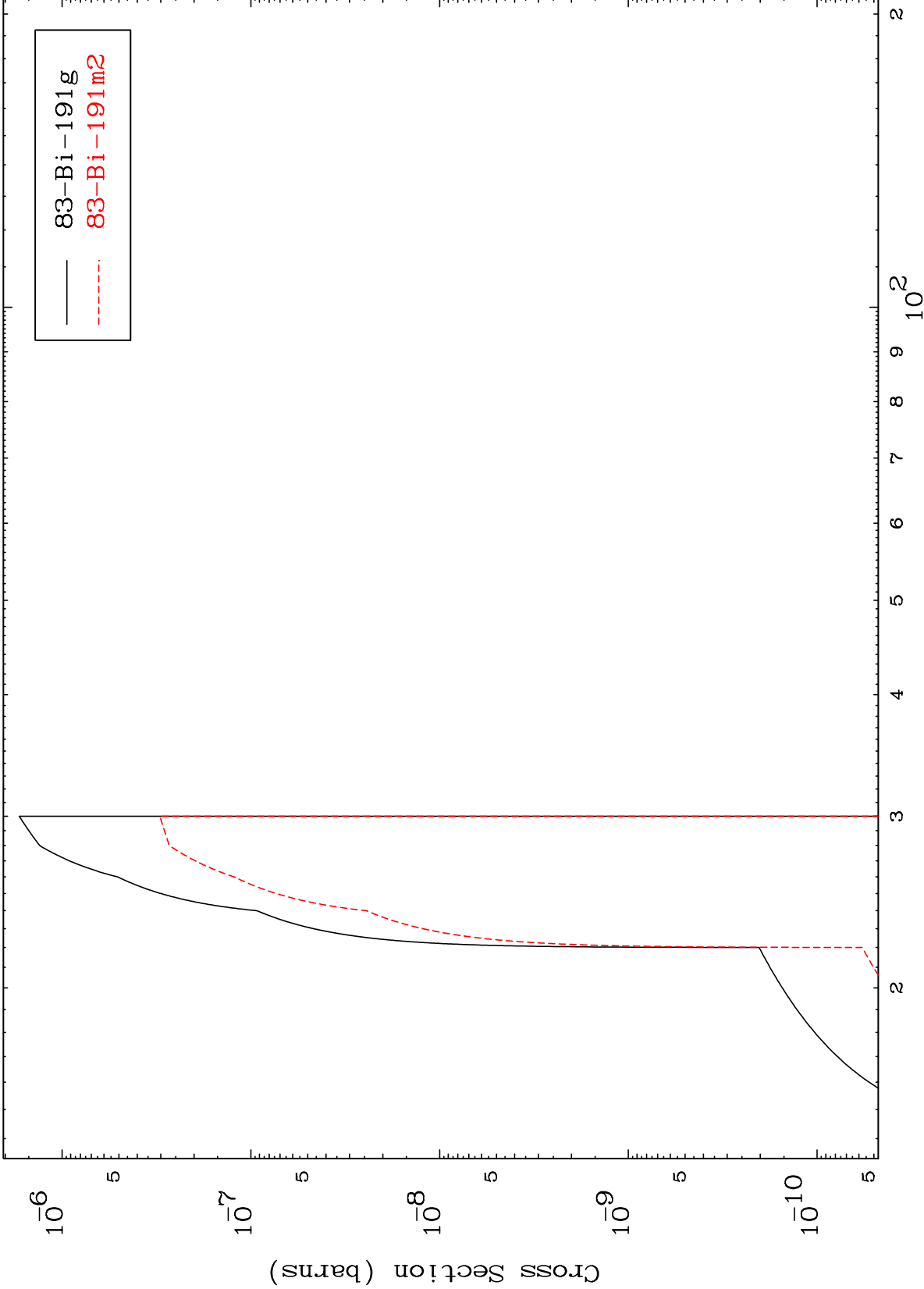
15

Incident Energy (MeV)

84-Po-196



Radionuclide Production Cross Section

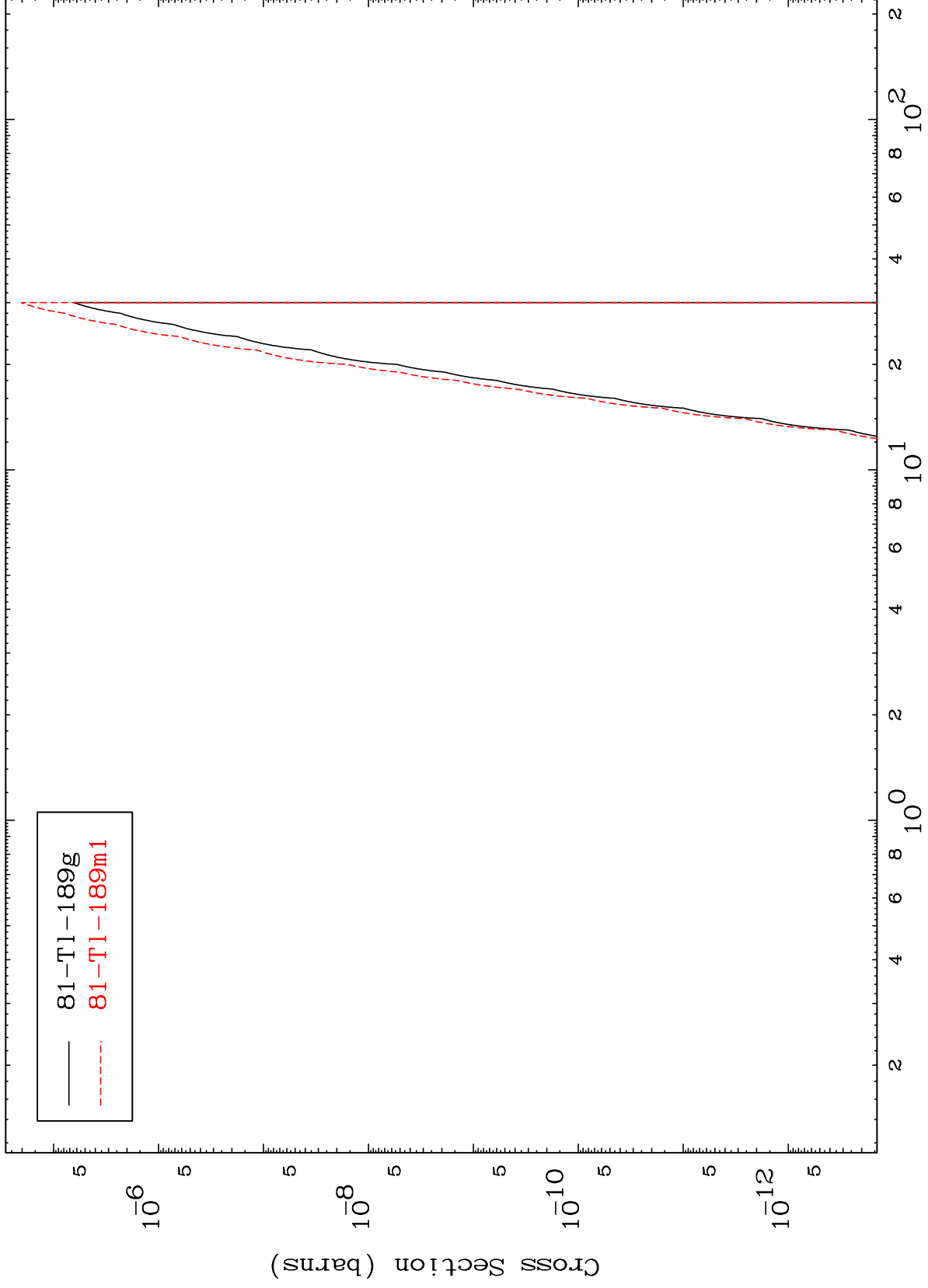


MAT 8395

(d,n') 2 $\alpha$

84-Po-196

Radionuclide Production Cross Section

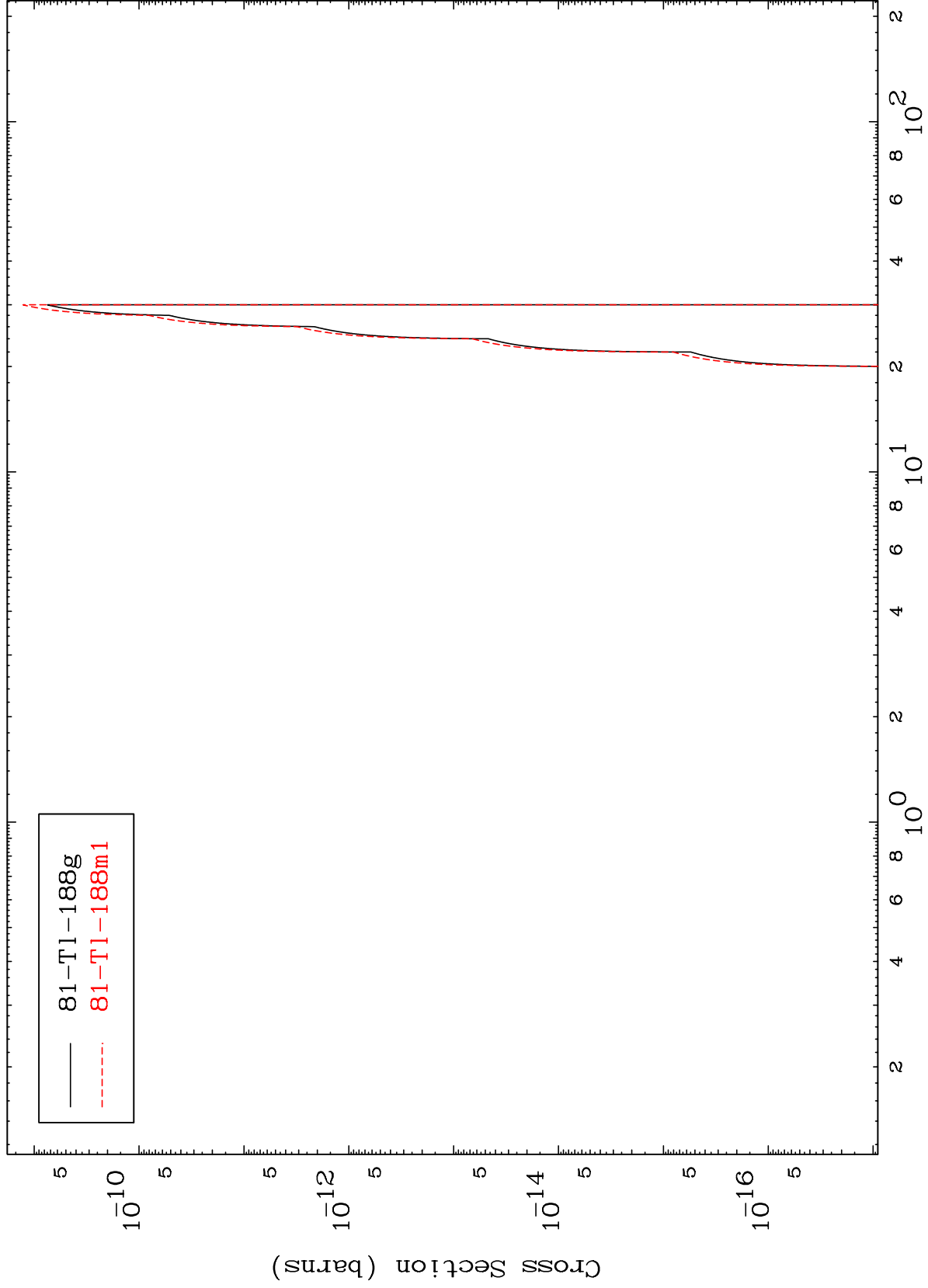


MAT 8395

(d,2n)  $2\alpha$

84-Po-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

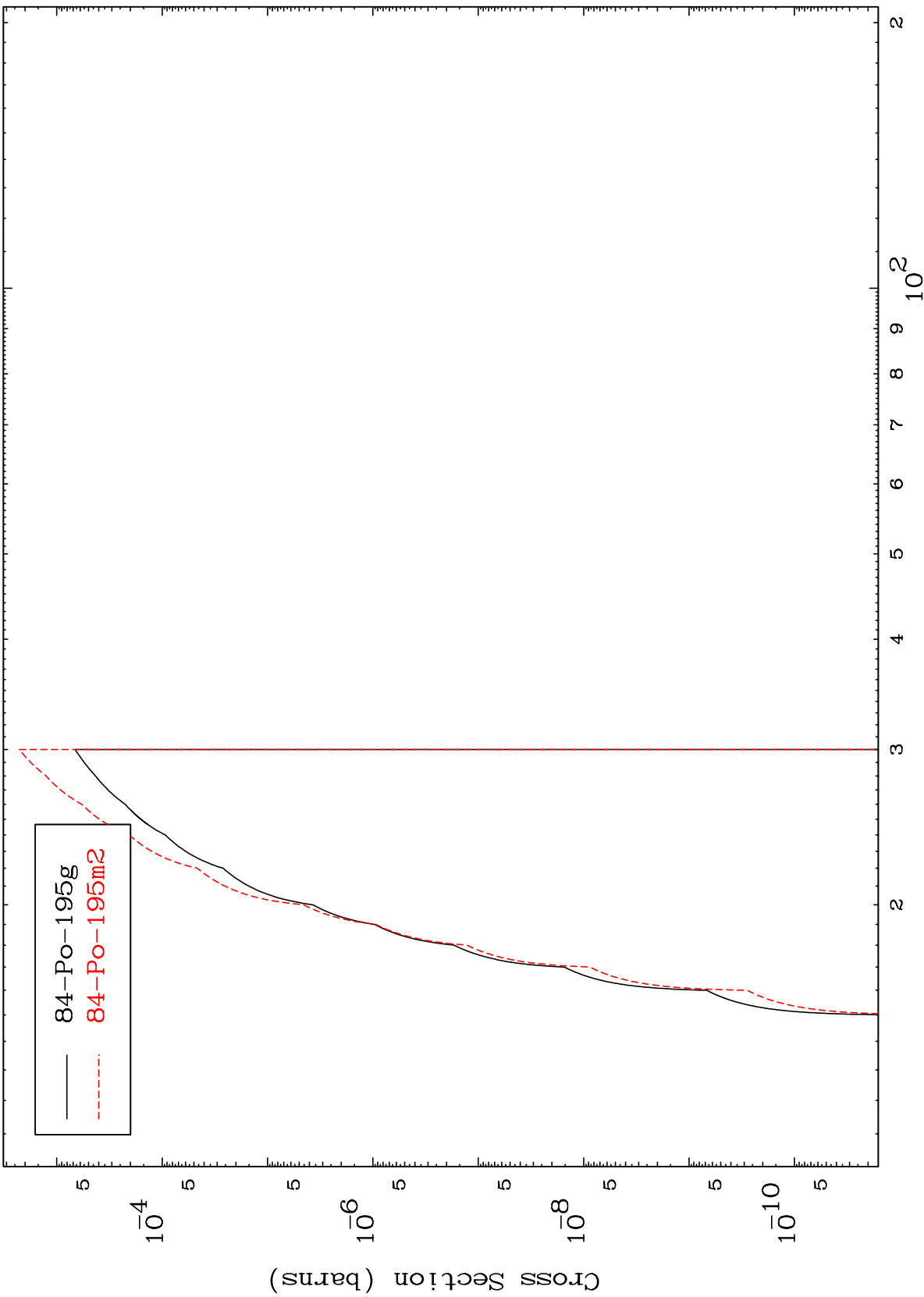
84-Po-196

MAT 8395

(d,n') d

84-Po-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

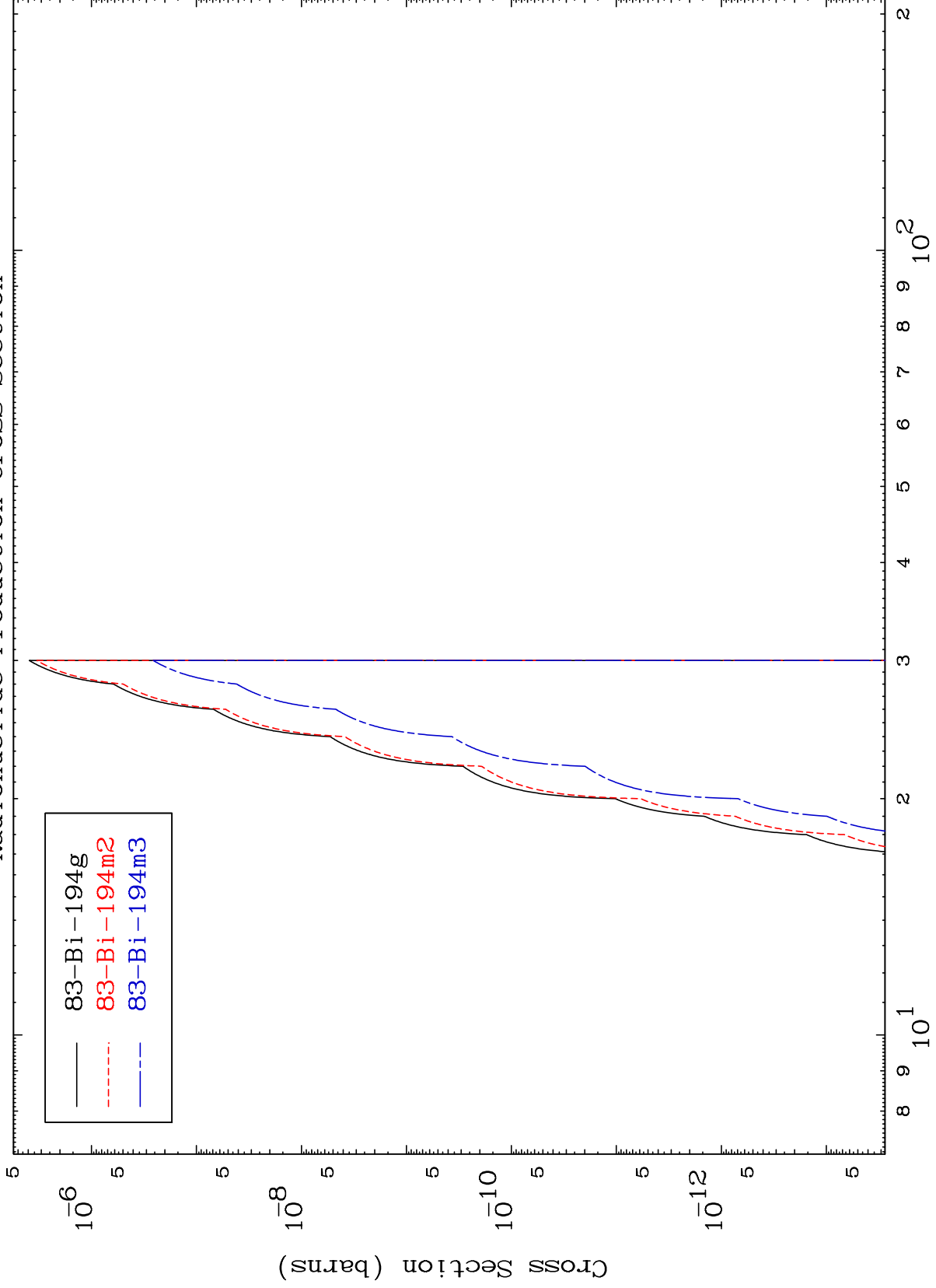
84-Po-196

MAT 8395

(d,n') He-3

84-Po-196

Radionuclide Production Cross Section



83-Bi-194g  
83-Bi-194m2  
83-Bi-194m3

20

Incident Energy (MeV)

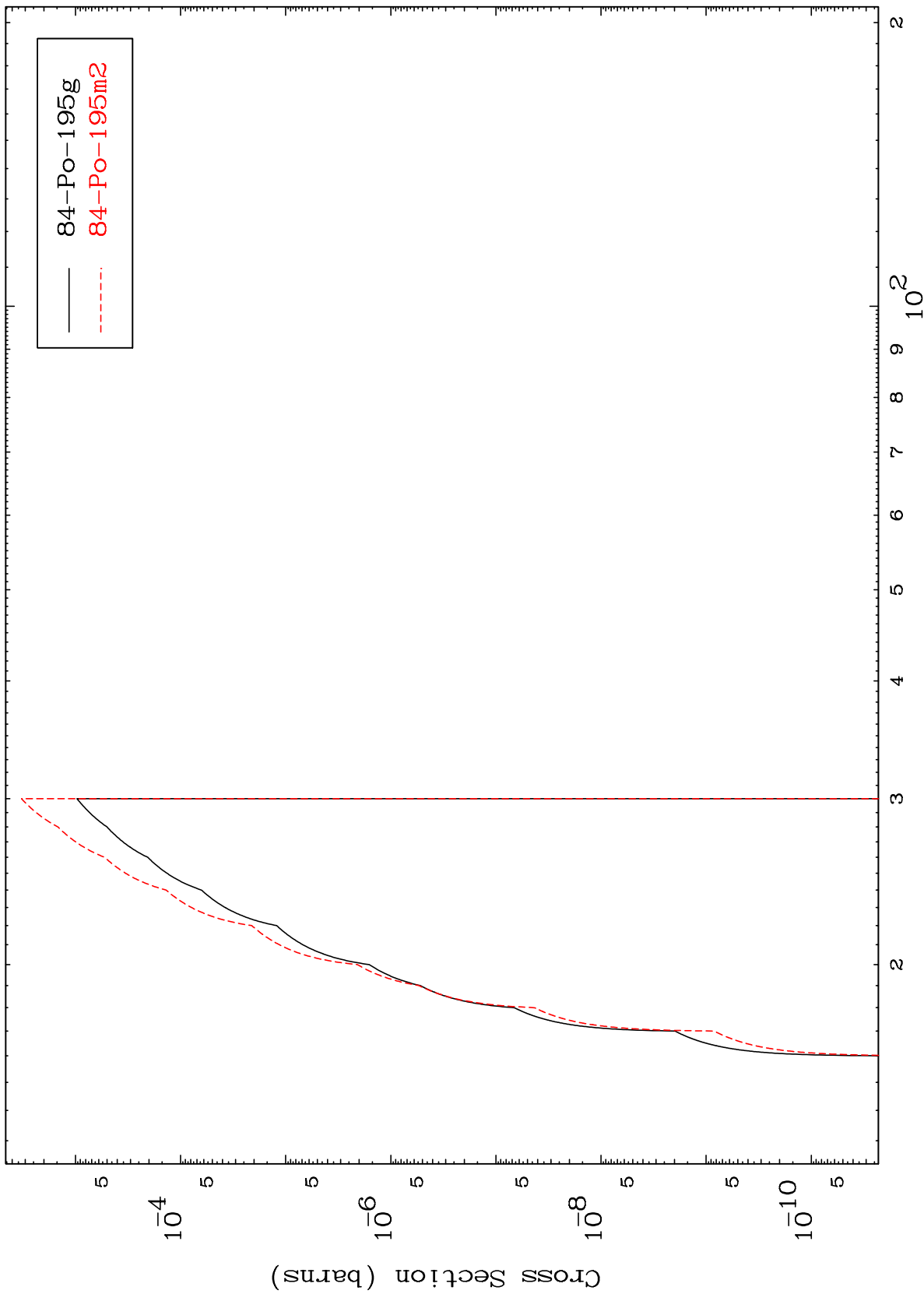
84-Po-196

MAT 8395

(d,2n) p

84-Po-196

Radionuclide Production Cross Section



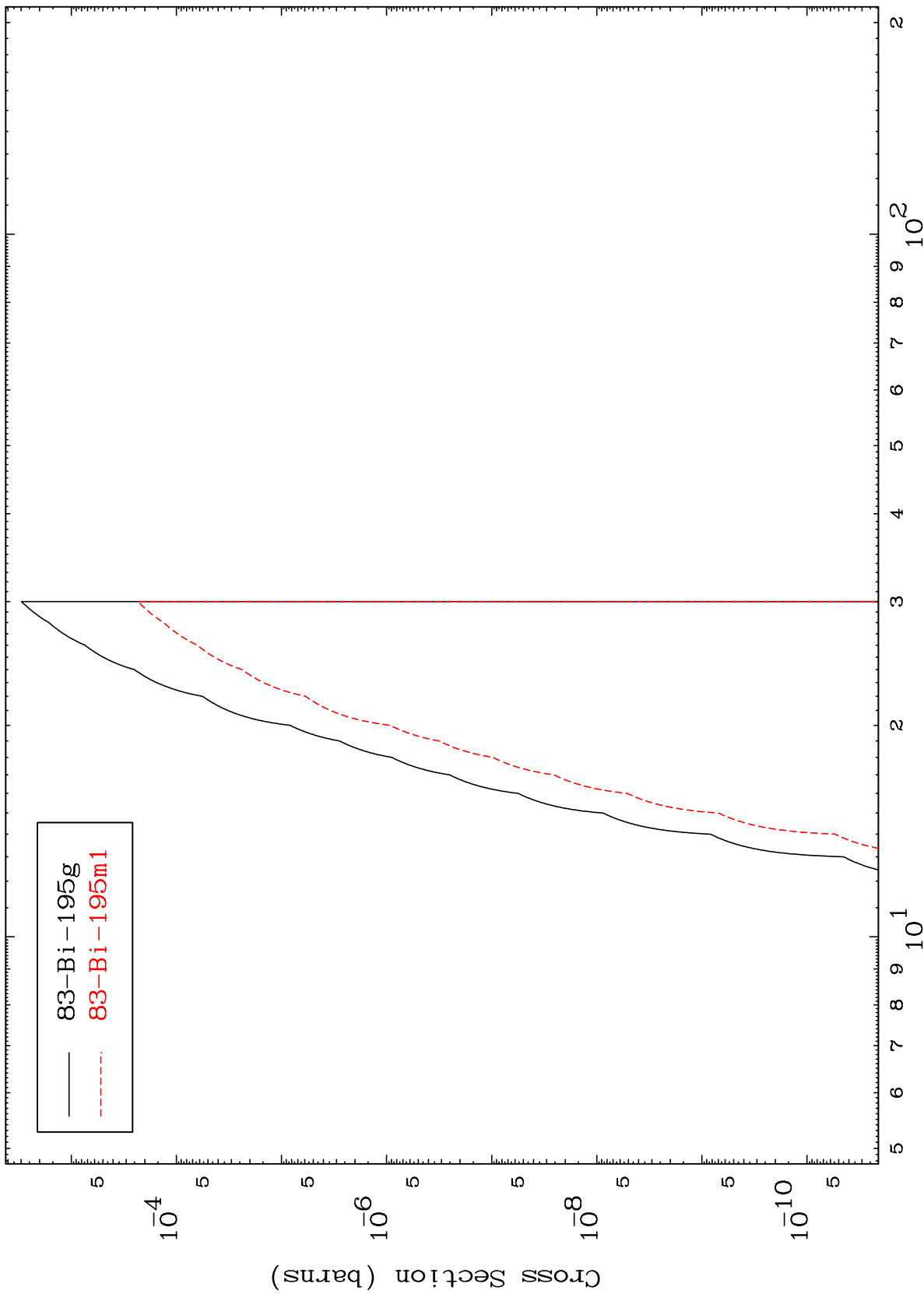
84-Po-195g  
84-Po-195m2

MAT 8395

(d,2n) p

84-Po-196

Radionuclide Production Cross Section



22

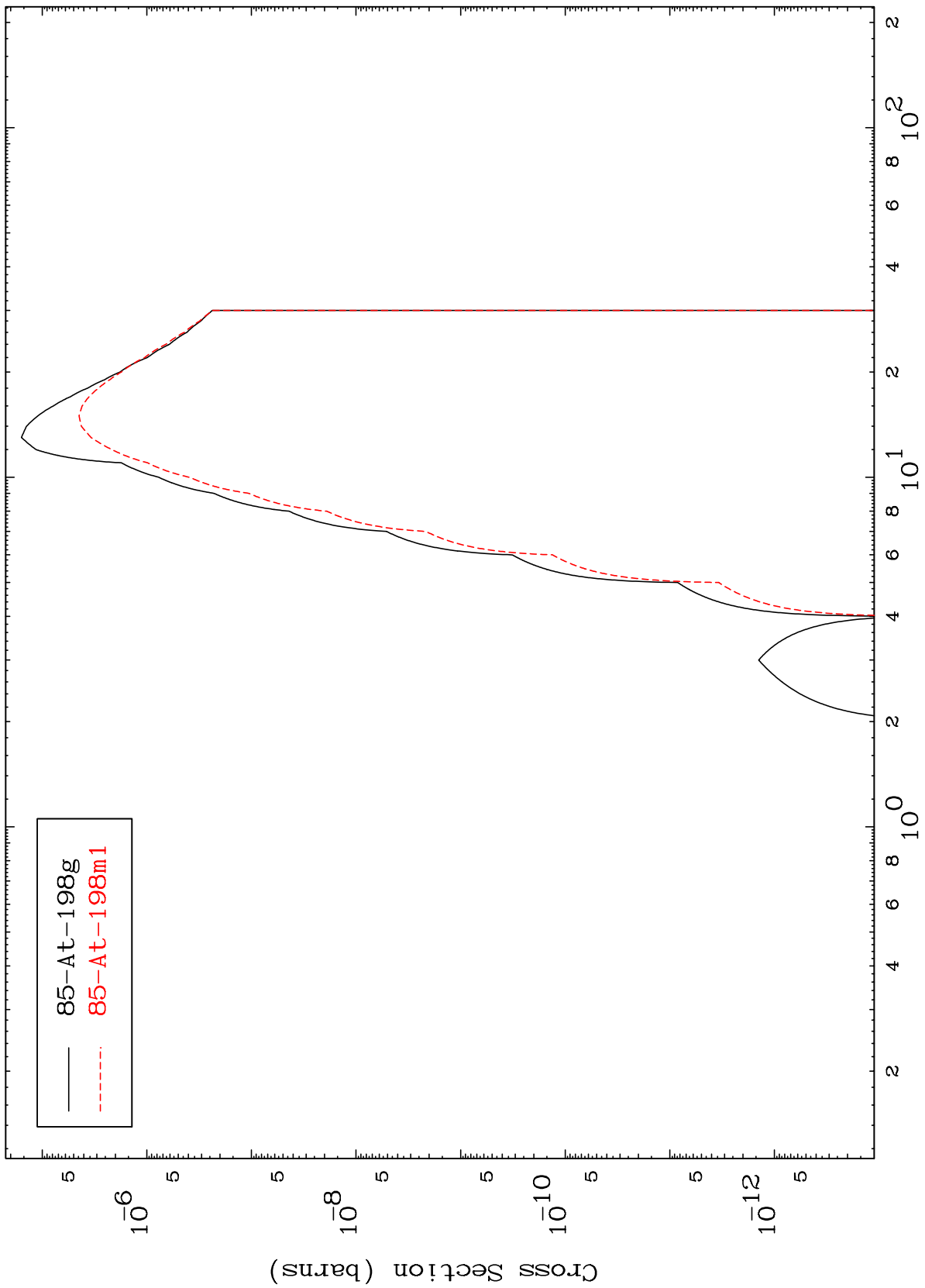
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

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

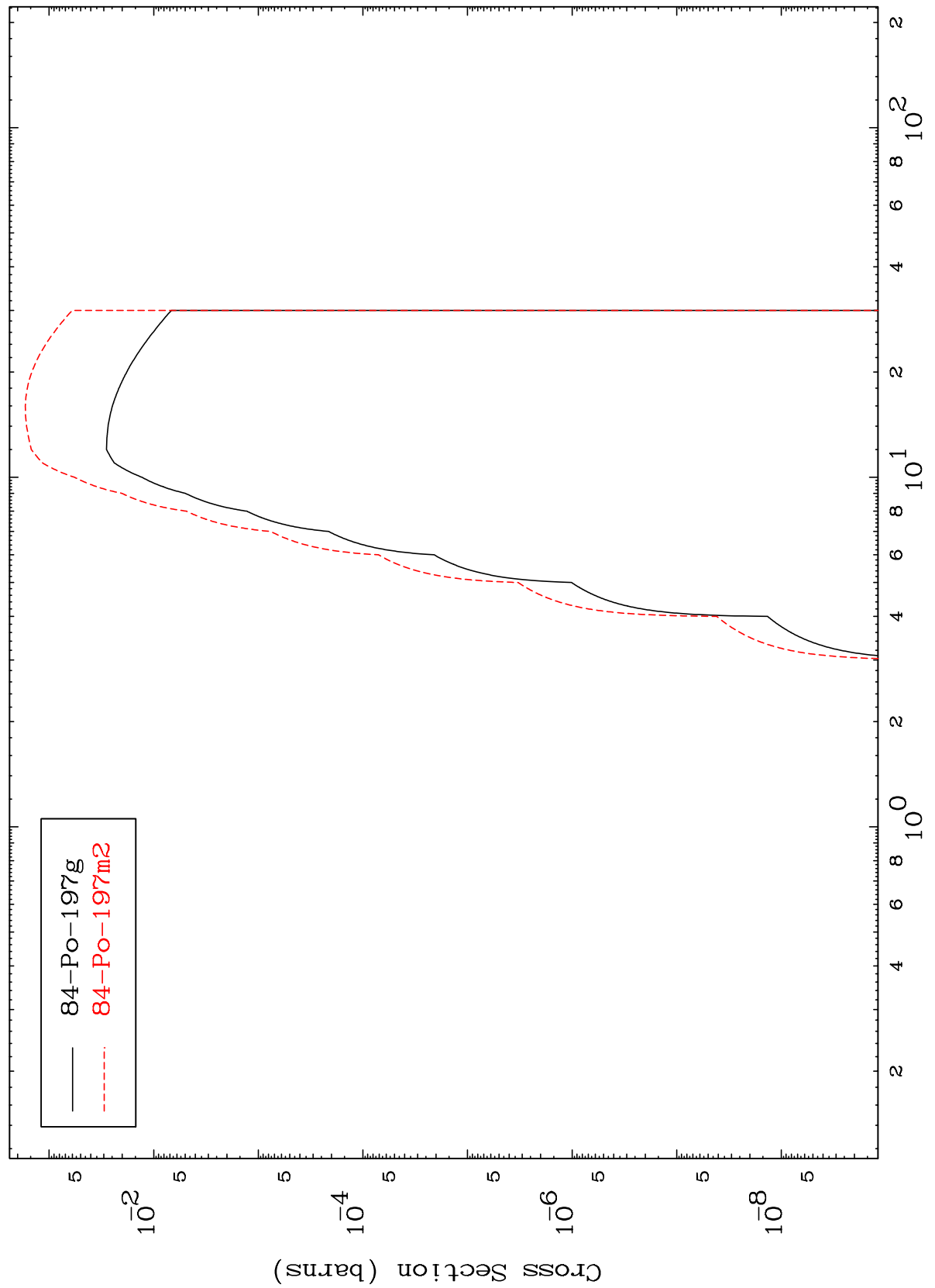




MAT 8395

84-Po-196

(d,p)  
Radionuclide Production Cross Section



24

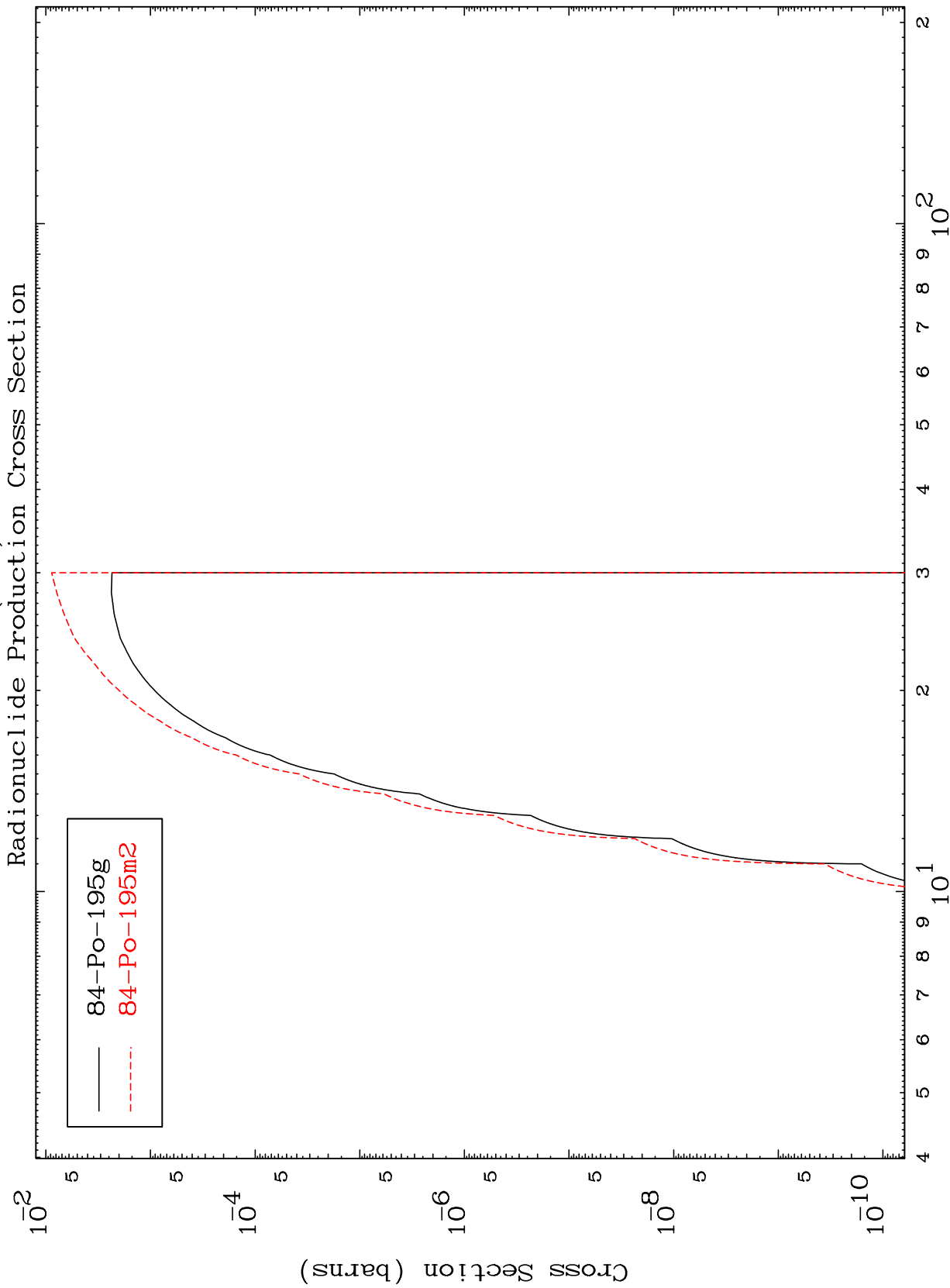
84-Po-196

Incident Energy (MeV)

MAT 8395

(d, t)

84-Po-196



25

Incident Energy (MeV)

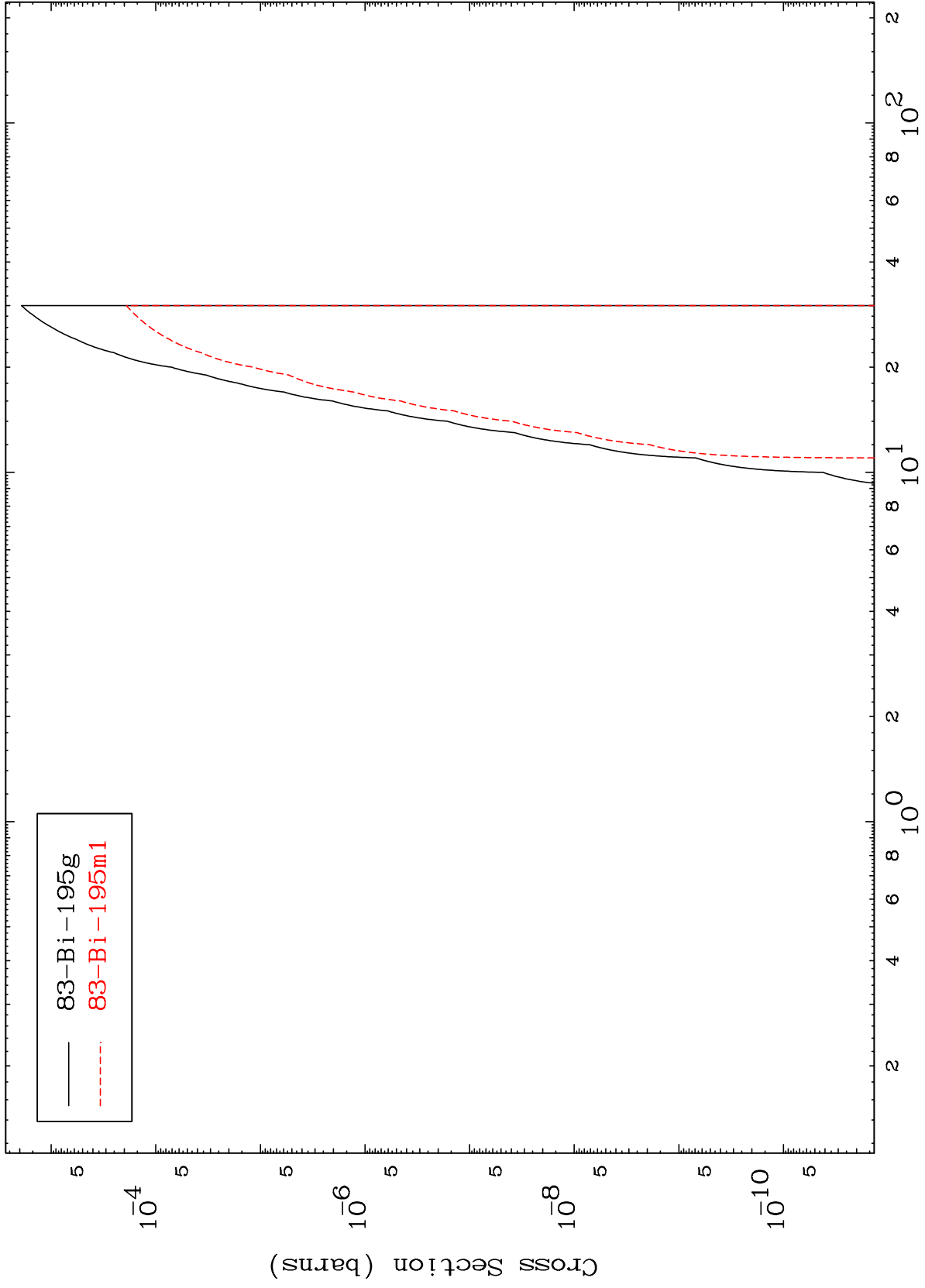
84-Po-196

MAT 8395

(d,He-3)

84-Po-196

Radionuclide Production Cross Section



83-Bi-195g  
83-Bi-195m1

26

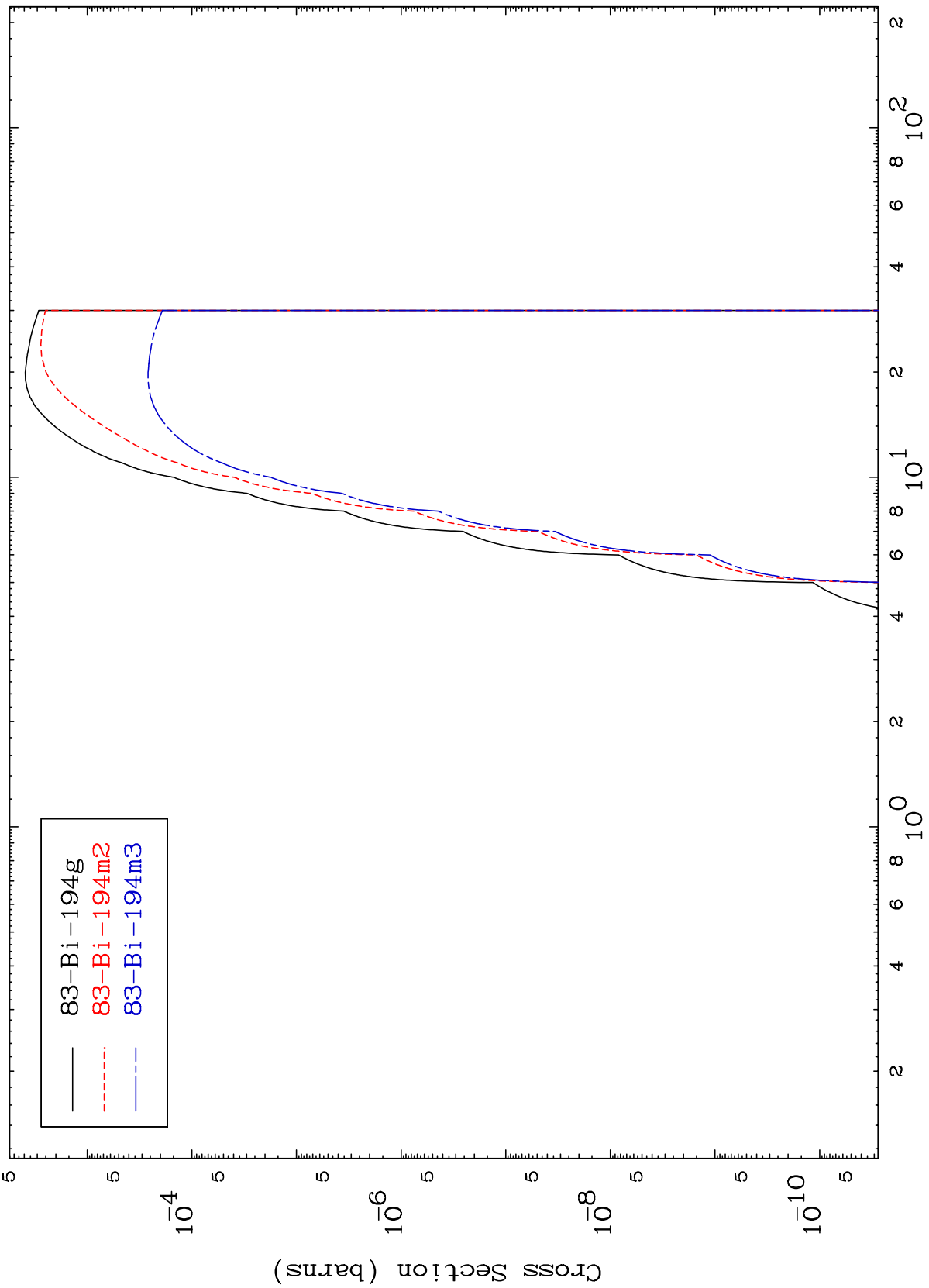
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

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

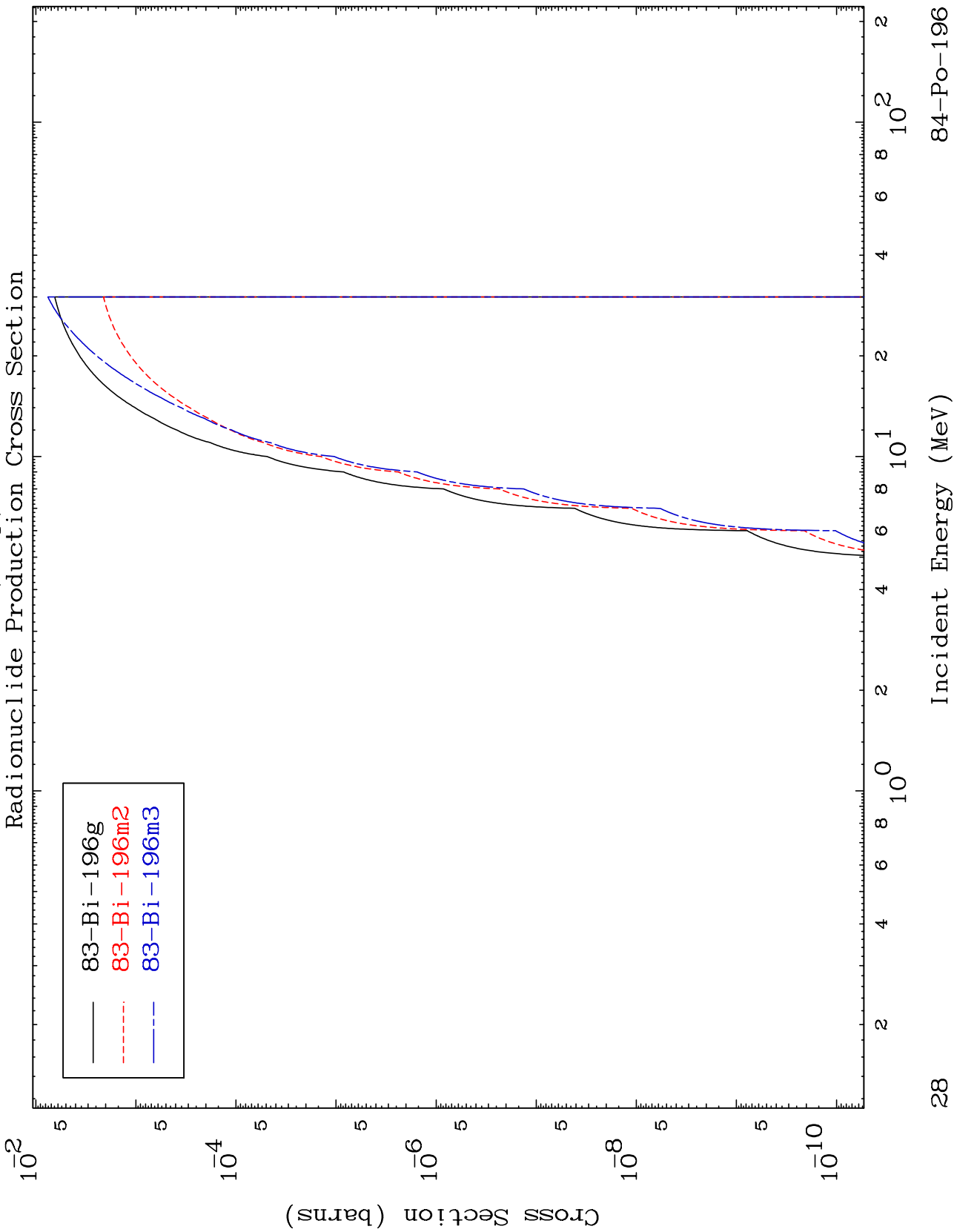


84-Po-196

Incident Energy (MeV)

MAT 8395

84-Po-196

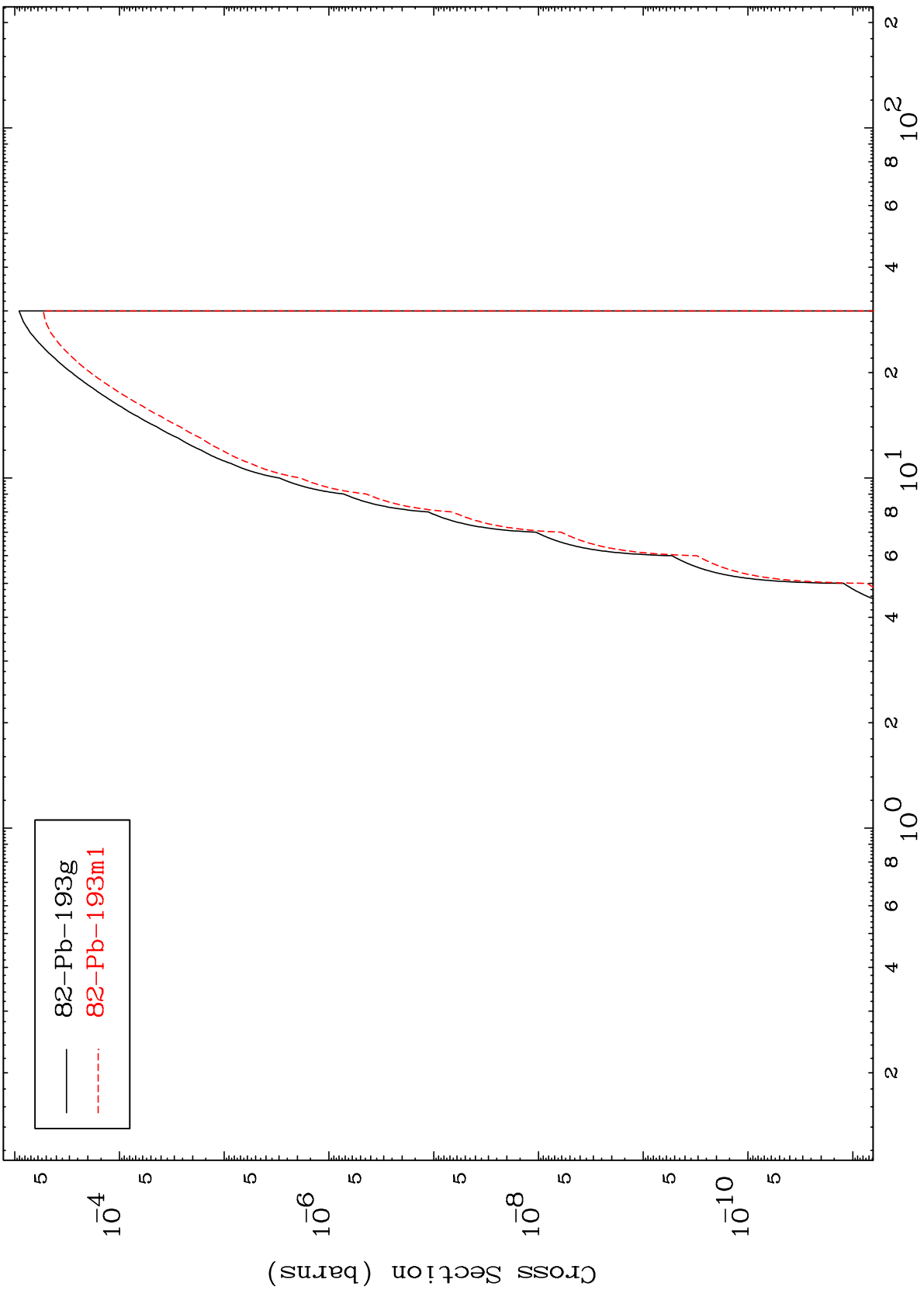


MAT 8395

(d,p)  $\alpha$

84-Po-196

Radionuclide Production Cross Section



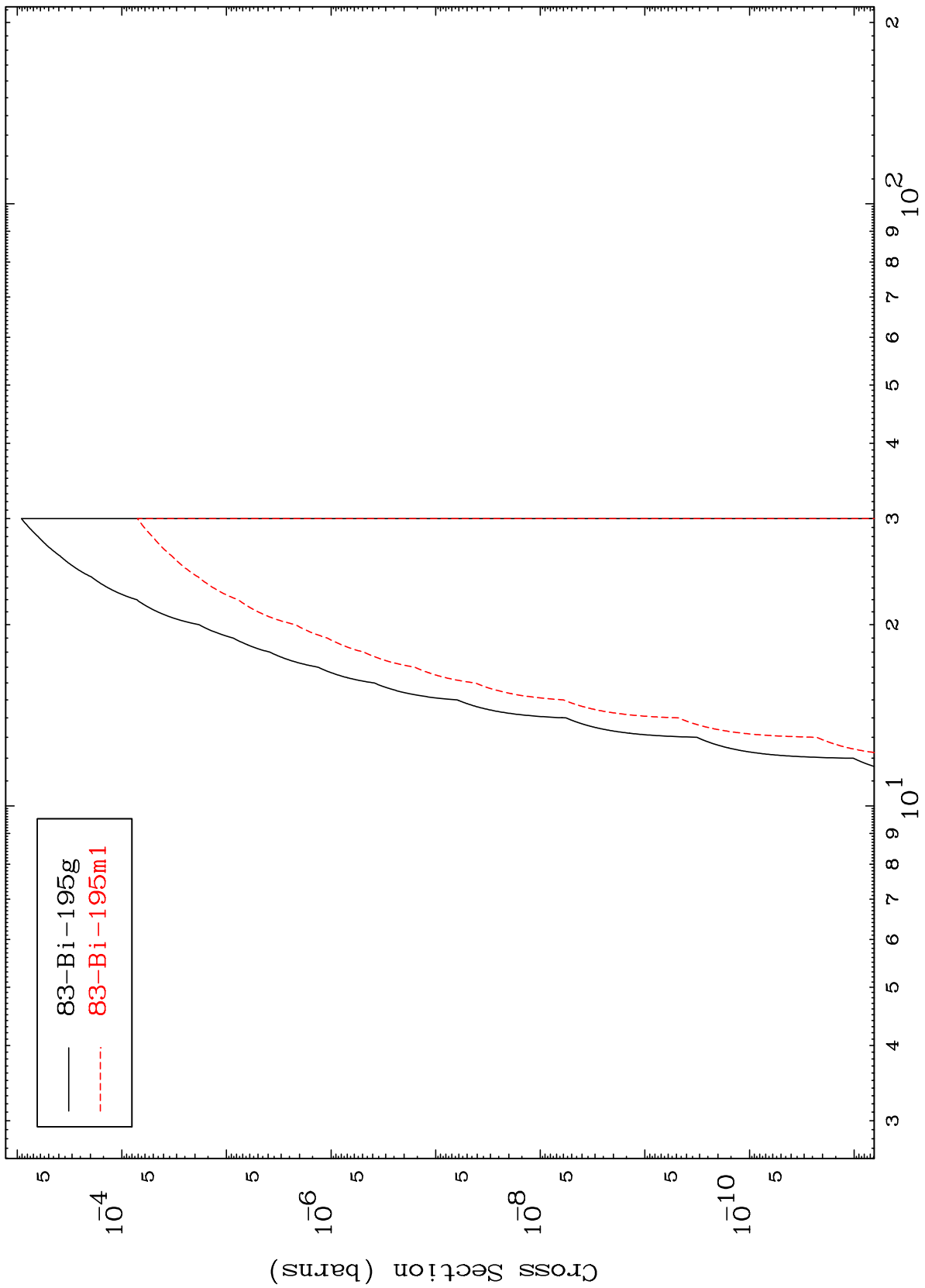
— 82-Pb-193g  
- - - 82-Pb-193m1

MAT 8395

(d,p) d

84-Po-196

Radionuclide Production Cross Section



83-Bi-195g  
83-Bi-195m1

30

Incident Energy (MeV)

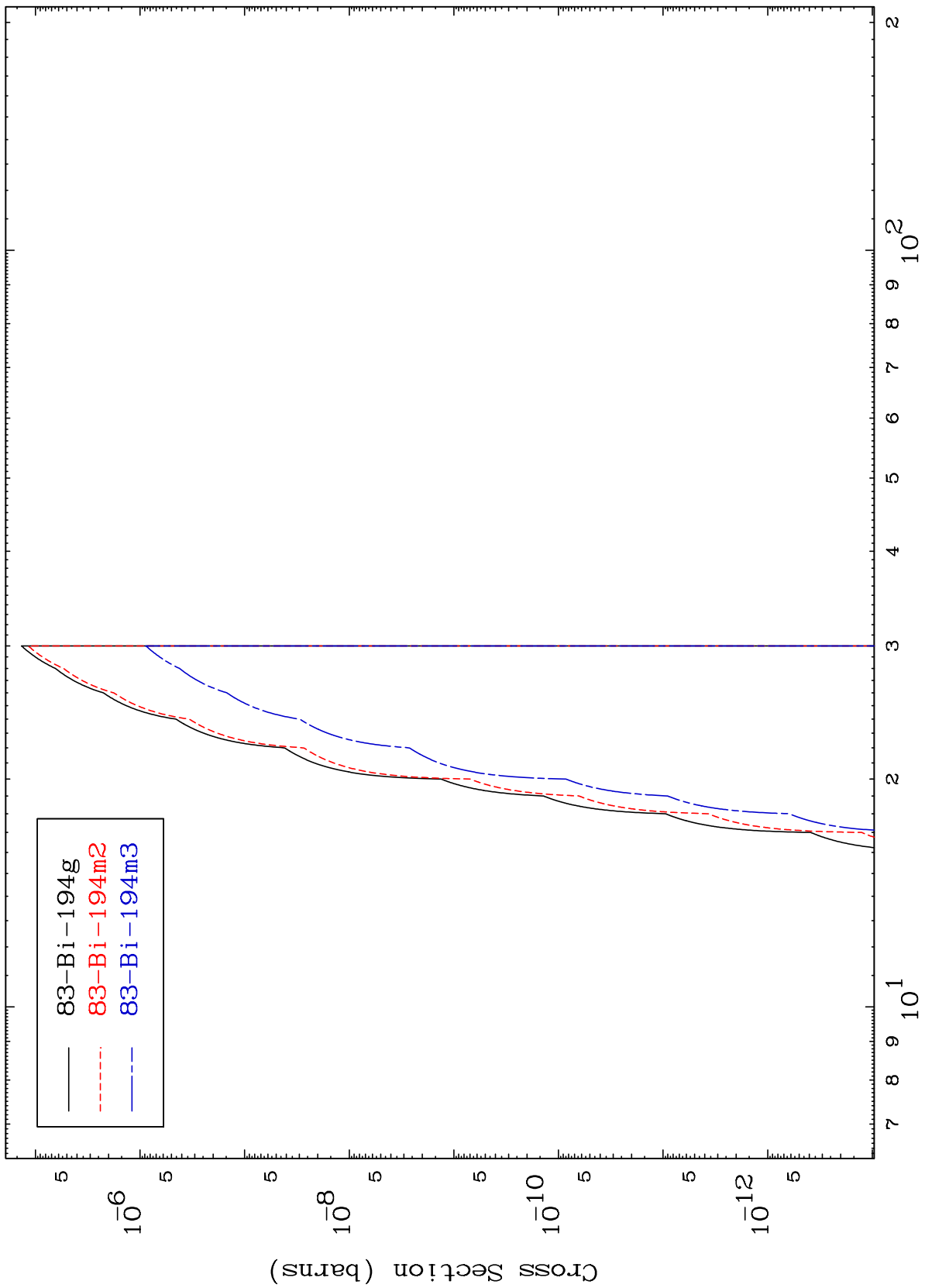
84-Po-196

MAT 8395

(d,p) t

84-Po-196

Radionuclide Production Cross Section



83-Bi-194g  
83-Bi-194m2  
83-Bi-194m3