

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](mailto:redcullen1@comcast.net)

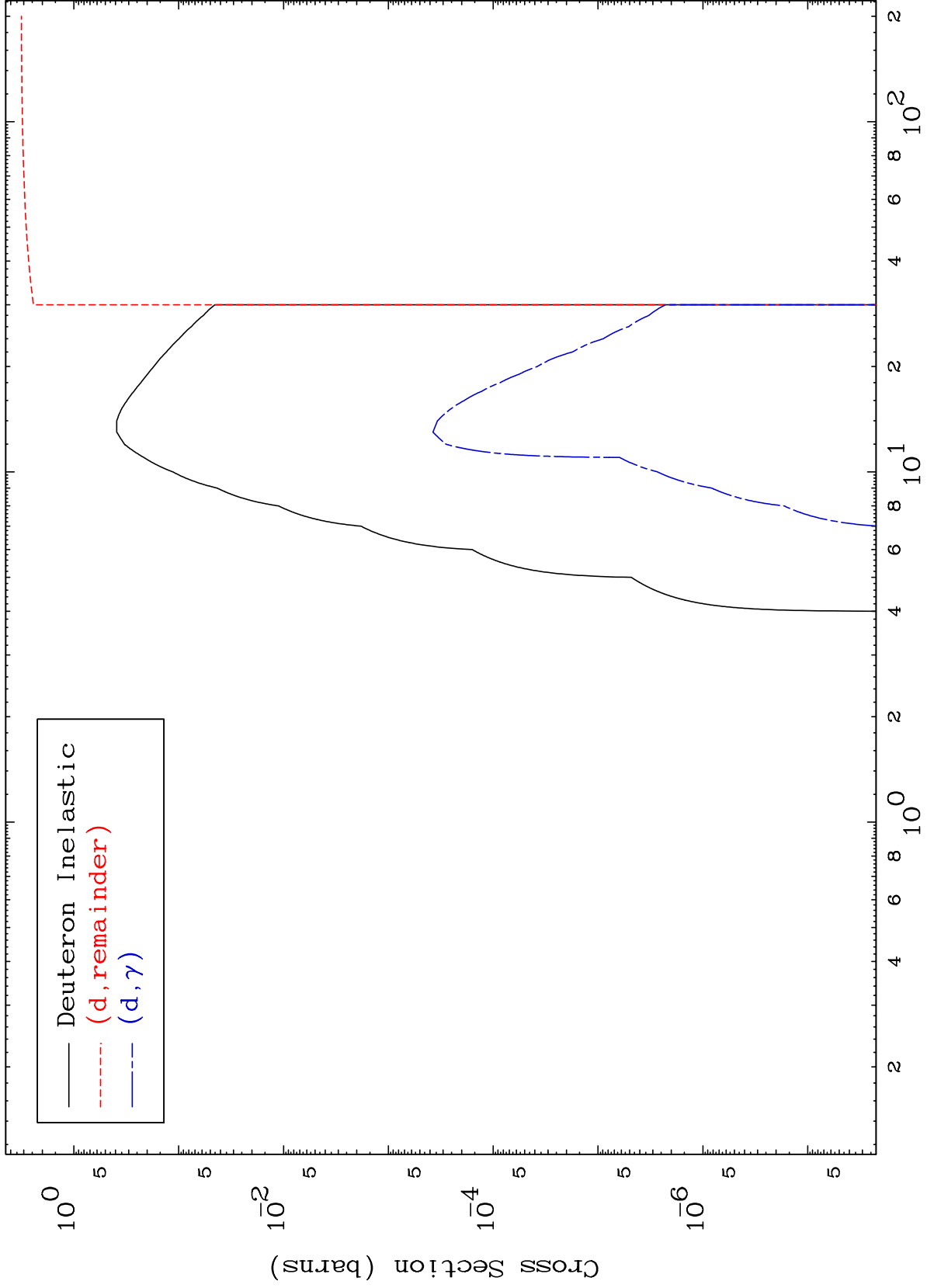
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

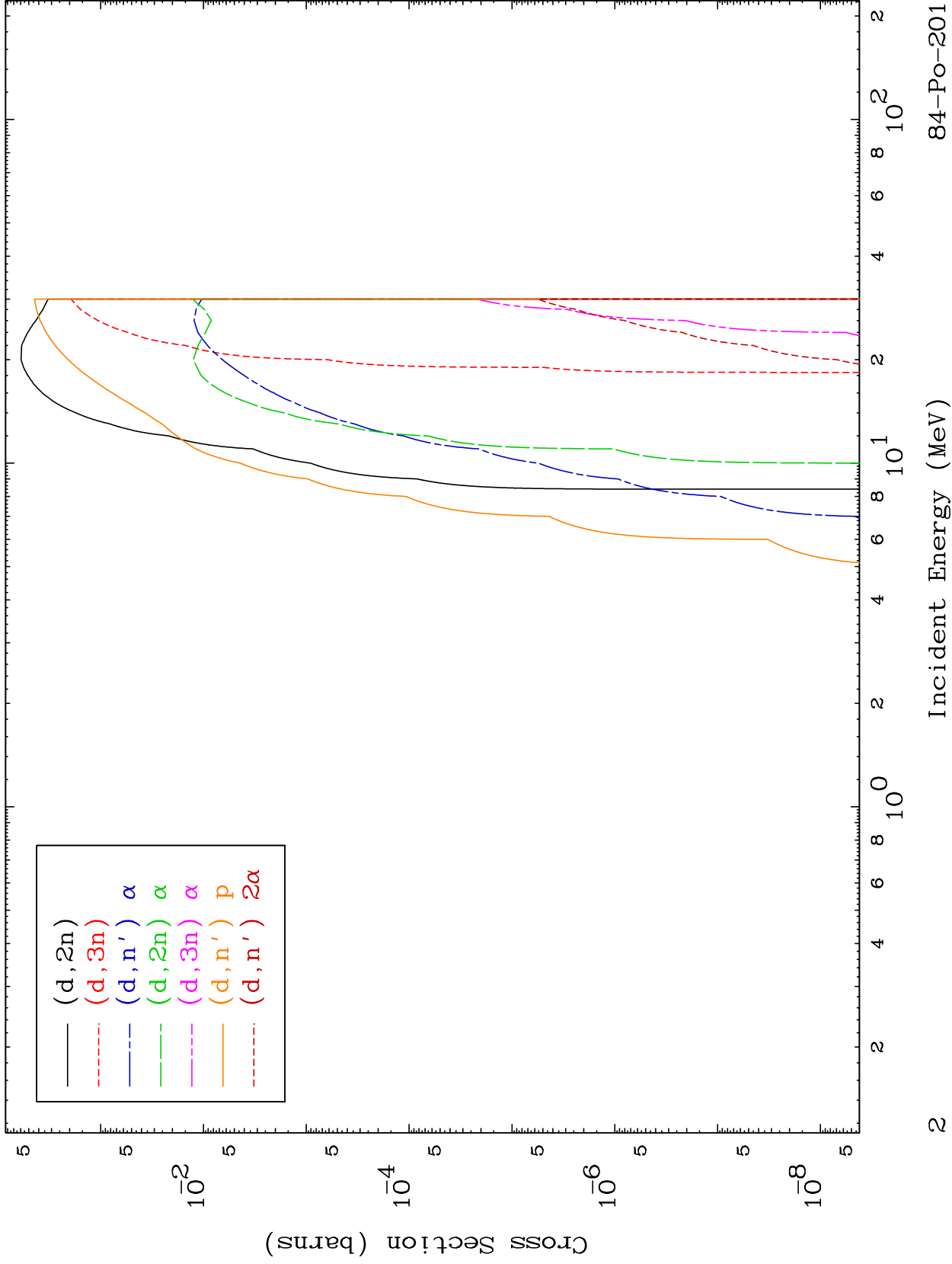
Press Mouse Button to Start

MAT 8411

Deuteron Major  
0 Kelvin Cross Sections

84-Po-201

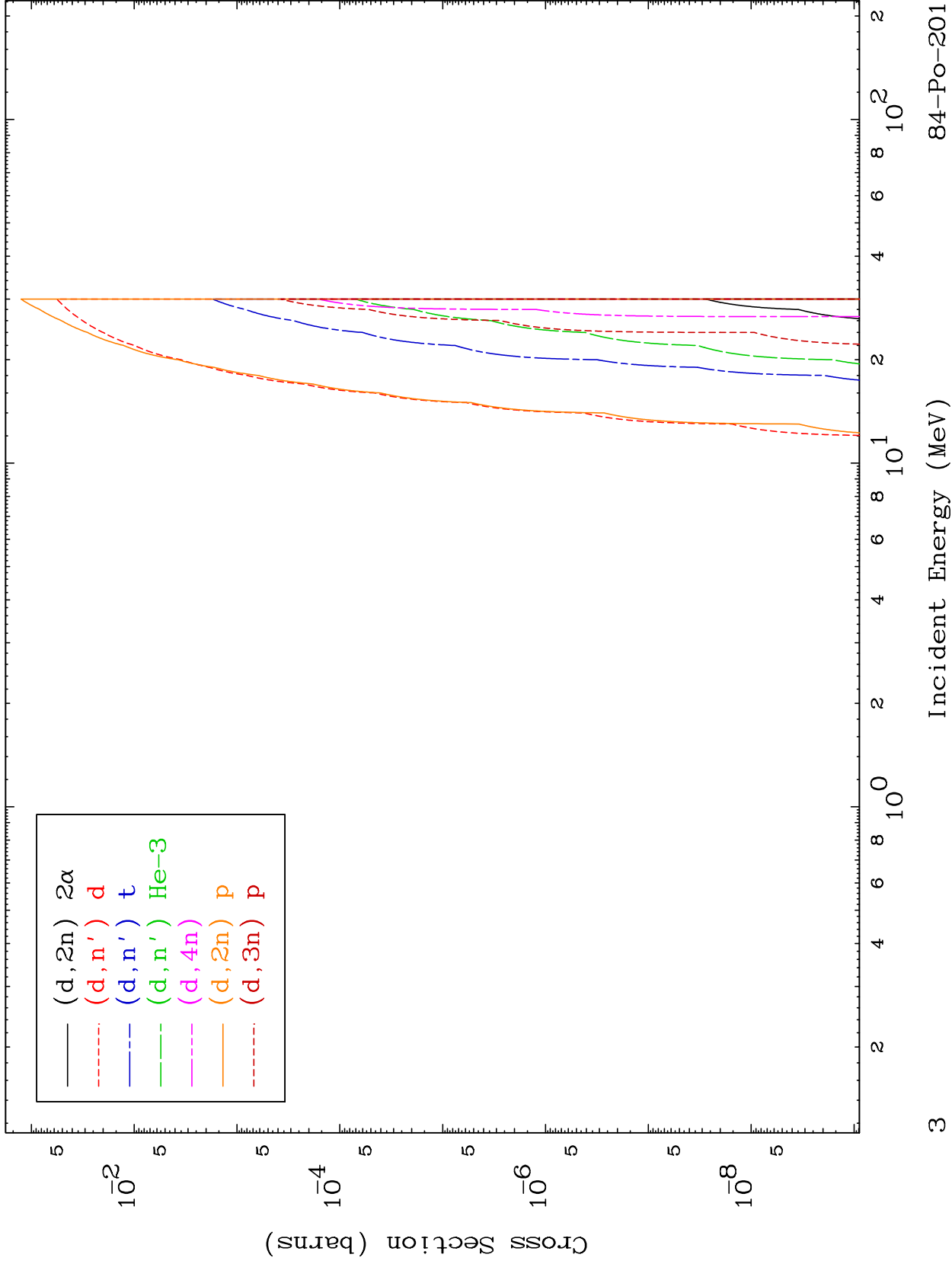




MAT 8411

Deuteron Neutron Production  
0 Kelvin Cross Sections

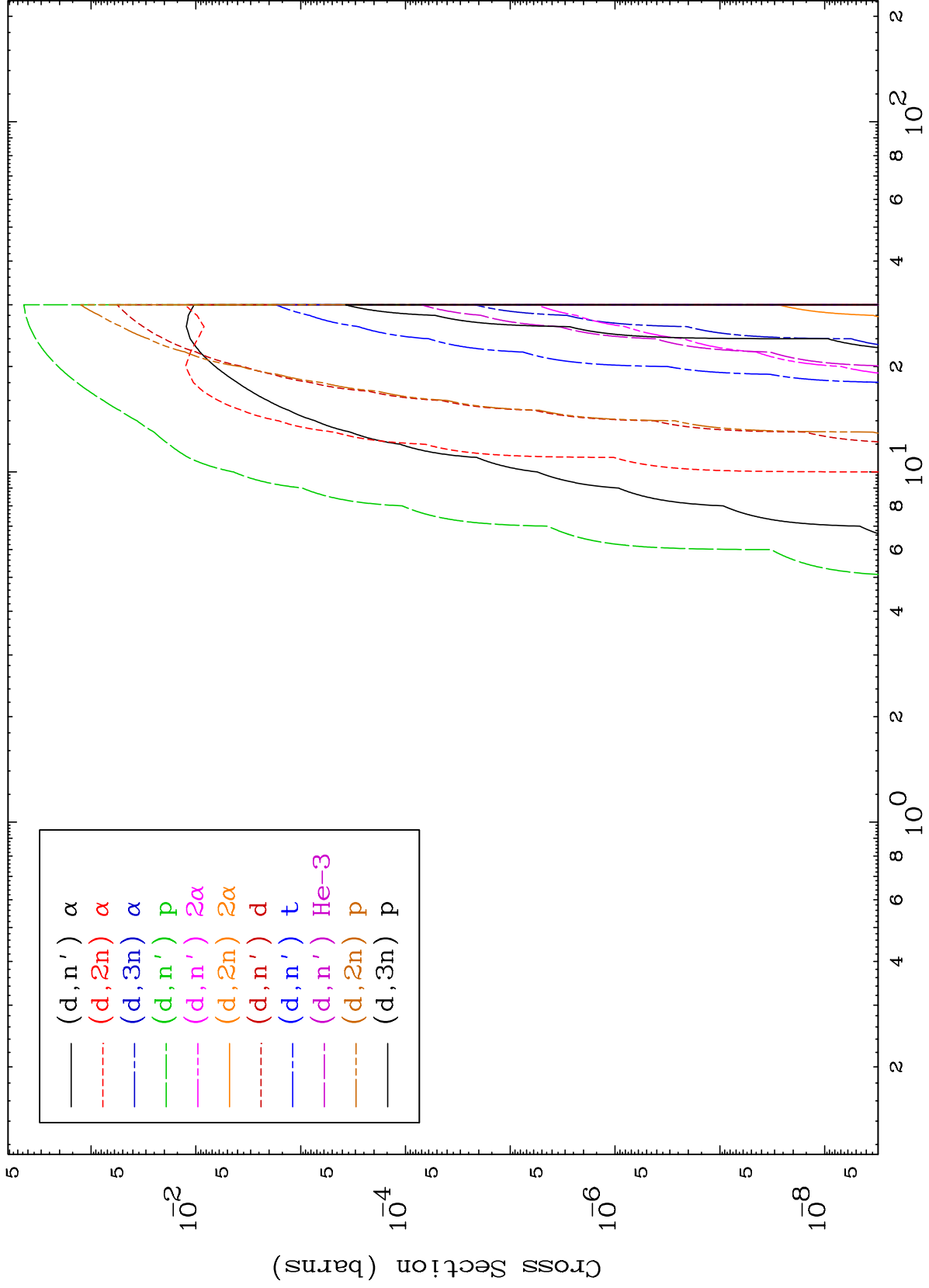
84-Po-201

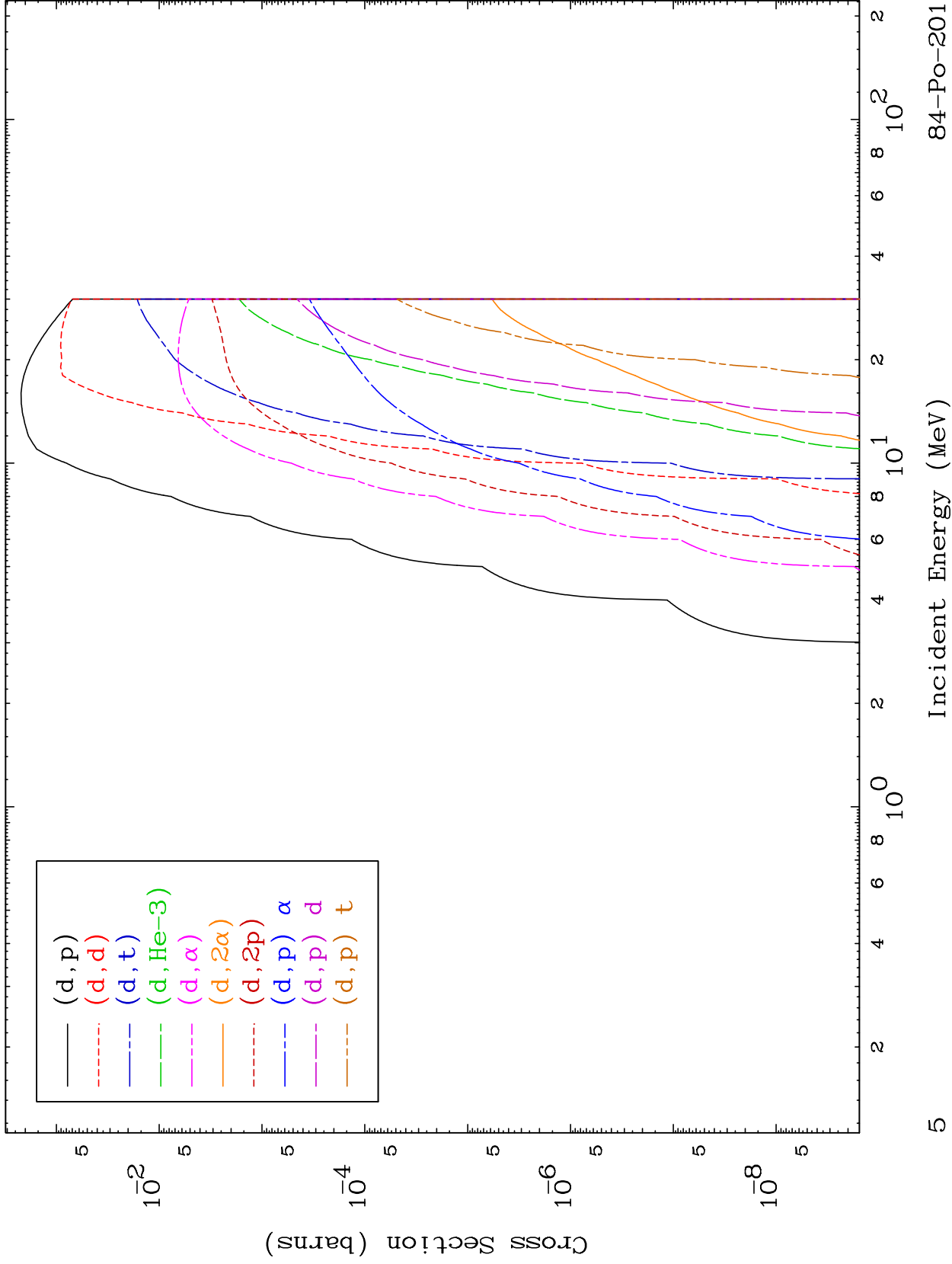


MAT 8411

Deuteron Charged Particle  
0 Kelvin Cross Sections

84-Po-201



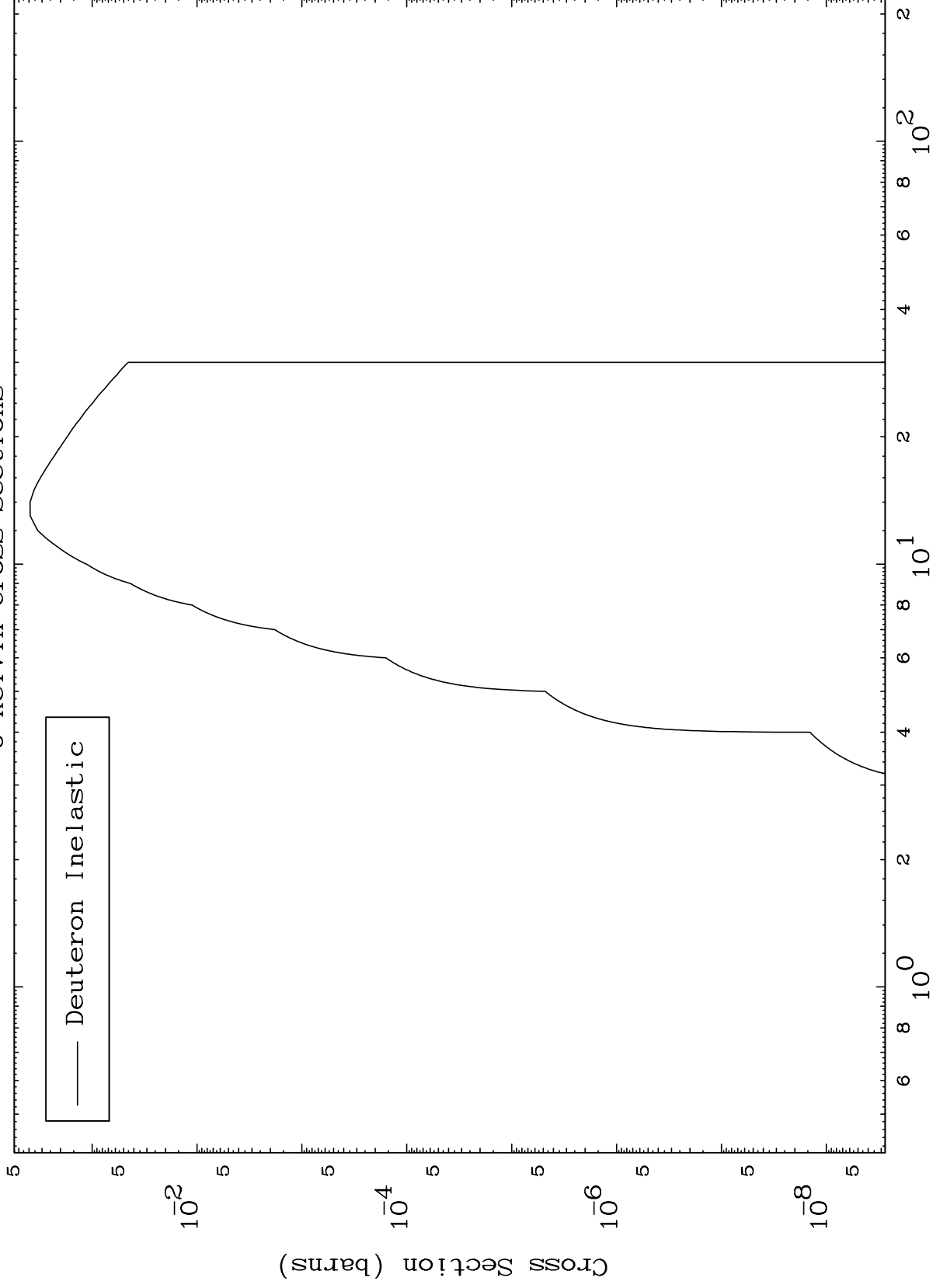


MAT 8411

(d,n') Level

84-Po-201

0 Kelvin Cross Sections



6

Incident Energy (MeV)

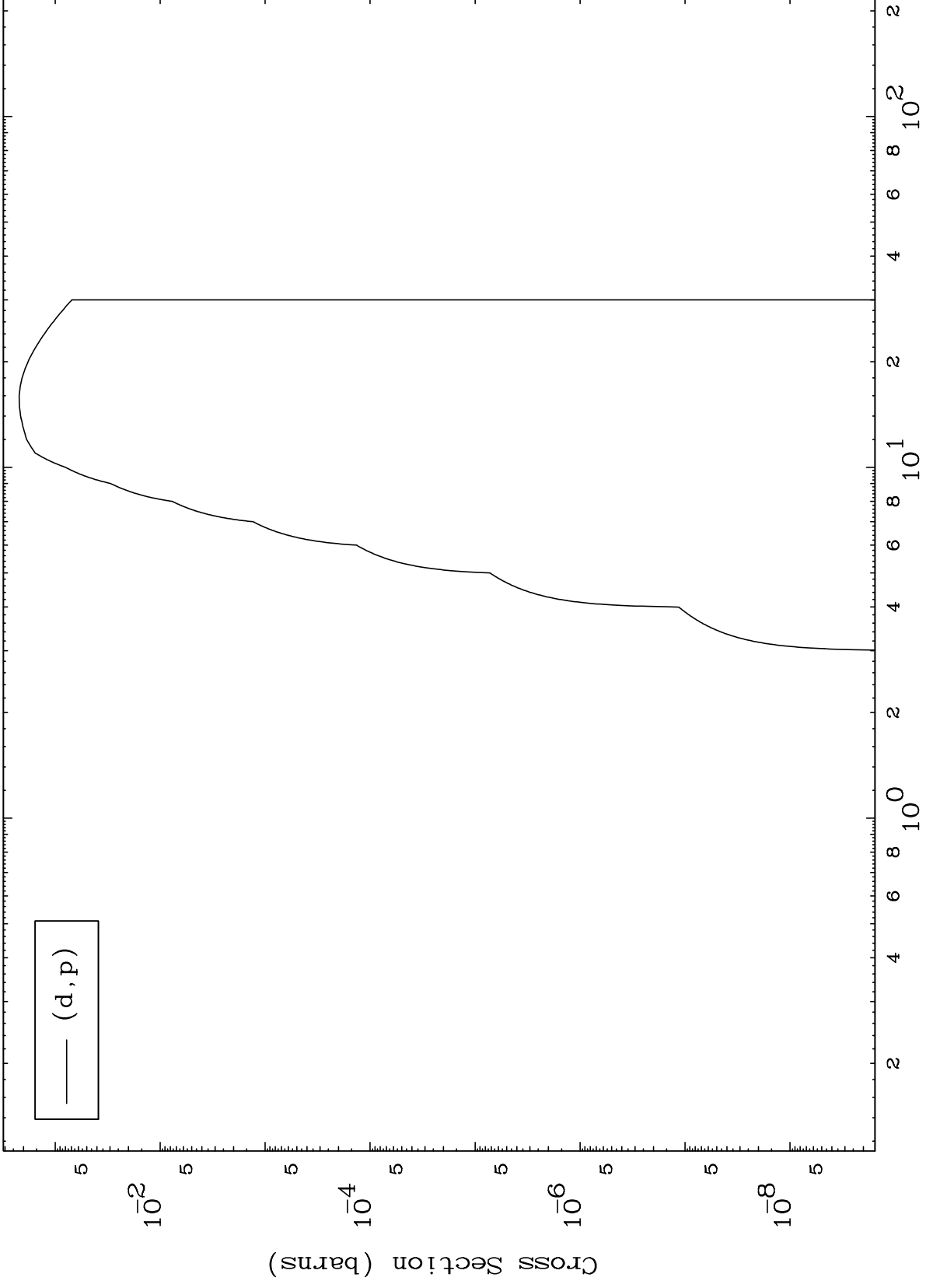
84-Po-201

MAT 8411

(d,p) Levels

84-Po-201

0 Kelvin Cross Sections

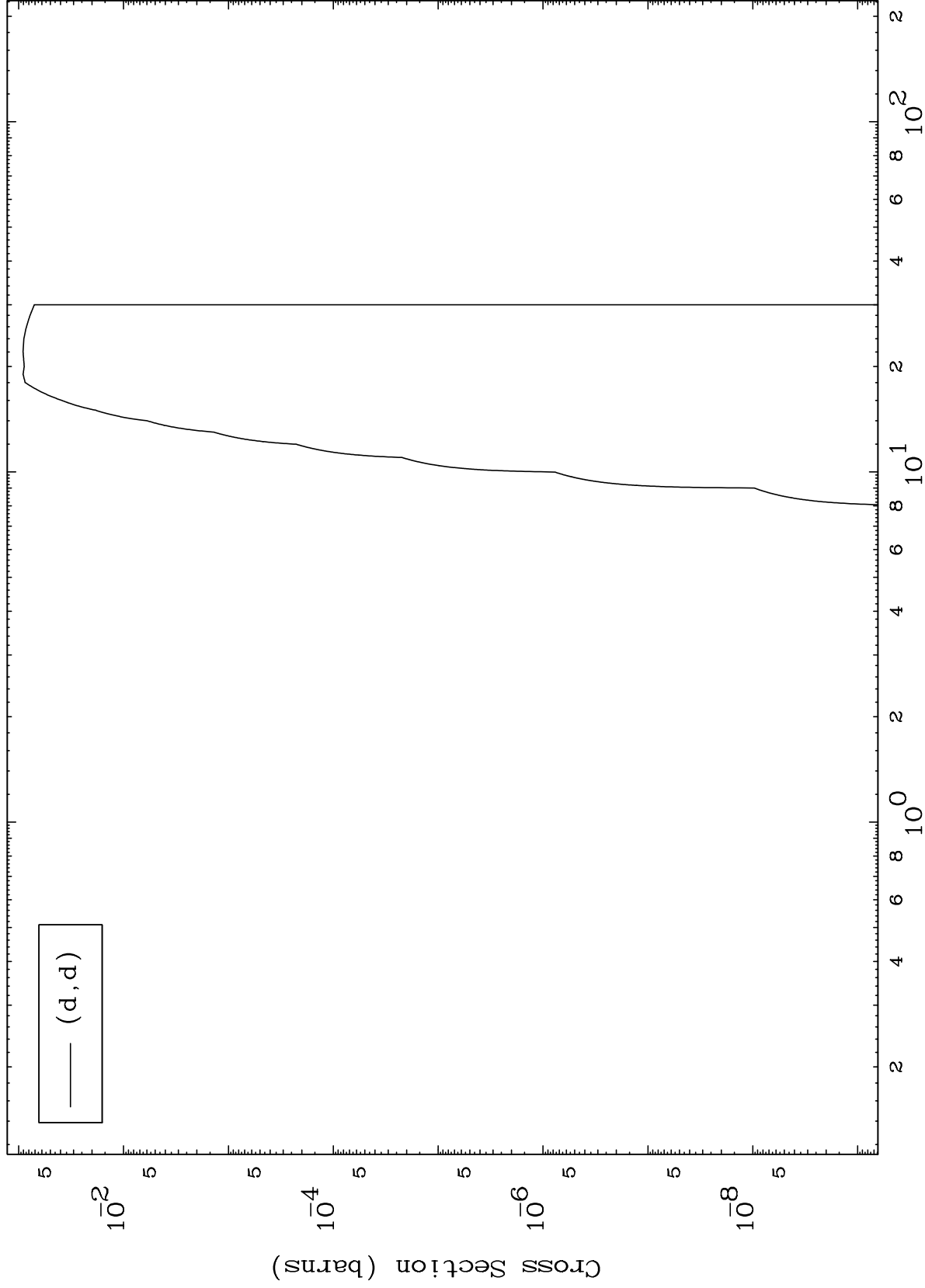




MAT 8411

84-Po-201

(d,d) Levels  
0 Kelvin Cross Sections

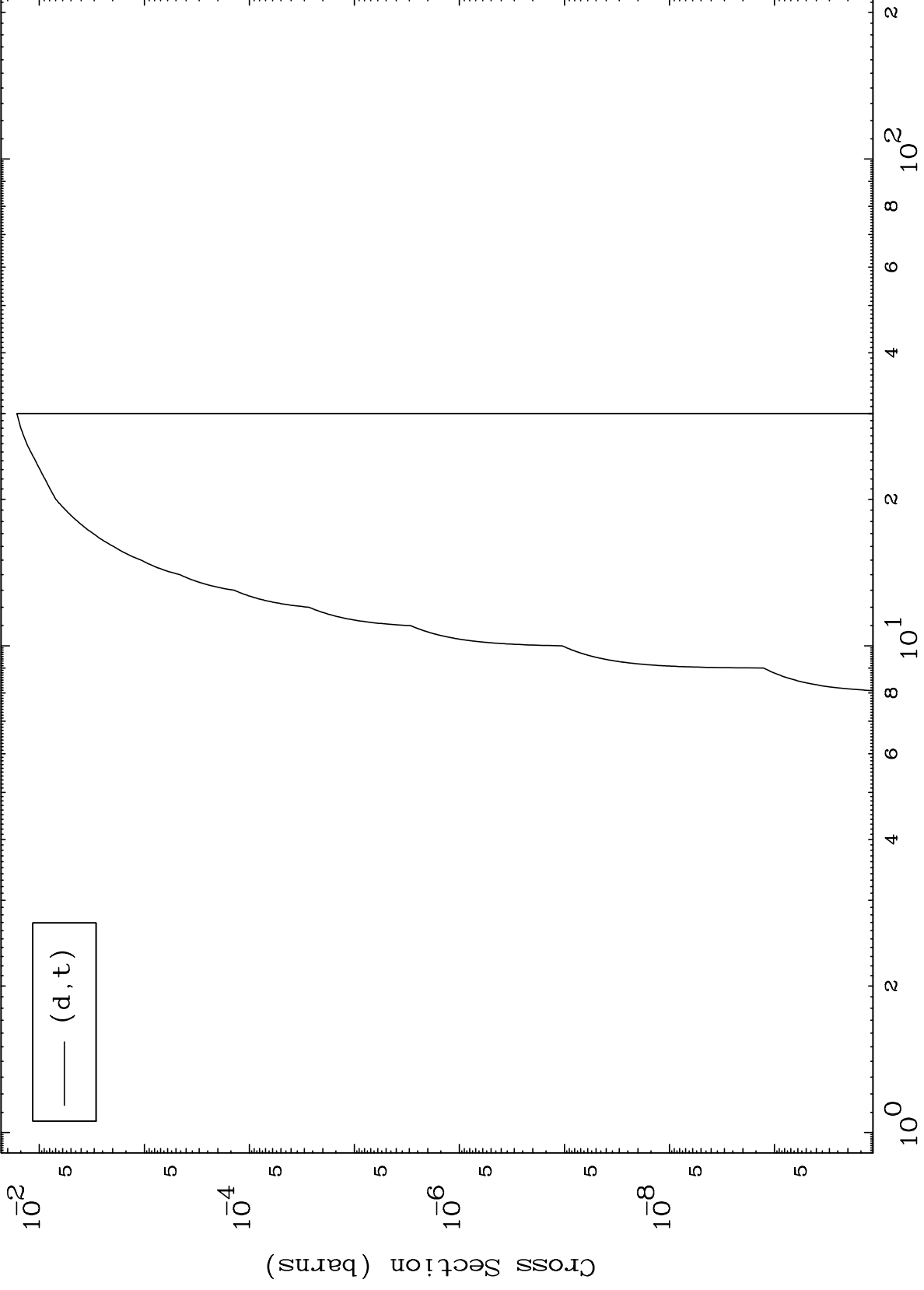


MAT 8411

(d,t) Levels

84-Po-201

0 Kelvin Cross Sections



Incident Energy (MeV)

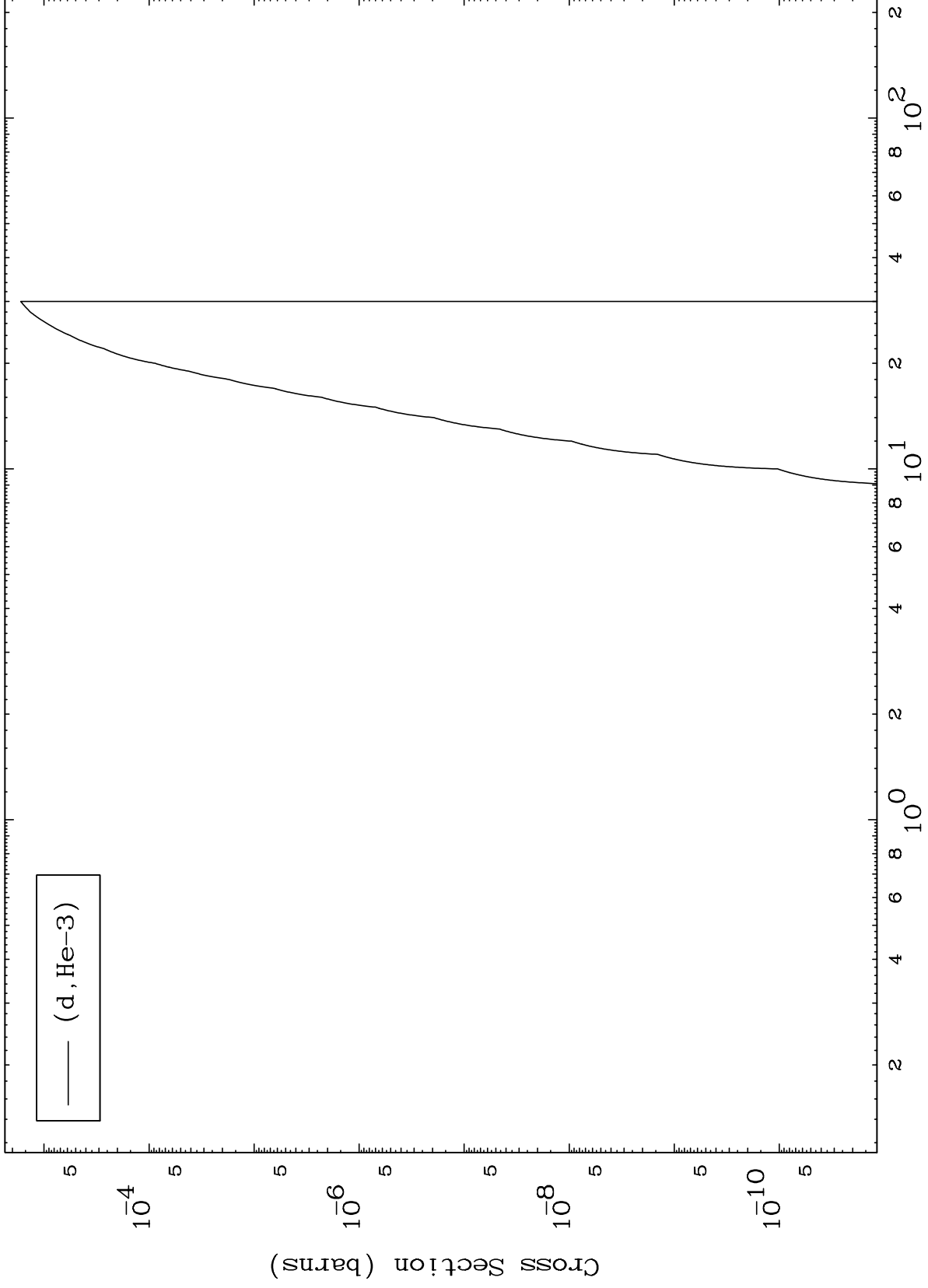
84-Po-201

MAT 8411

(d,He3) Levels

84-Po-201

0 Kelvin Cross Sections



(d, He-3)

10

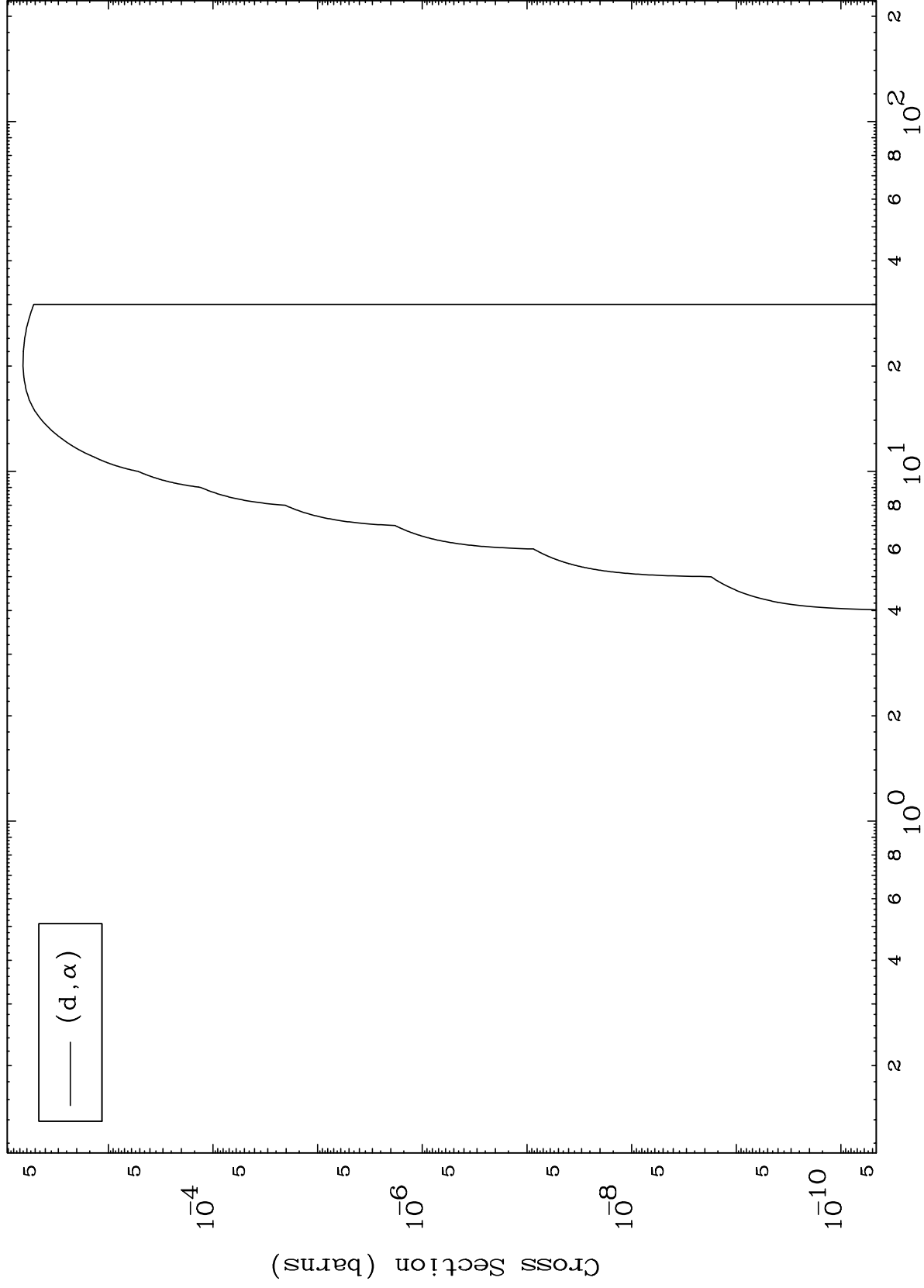
Incident Energy (MeV)

84-Po-201

MAT 8411

84-Po-201

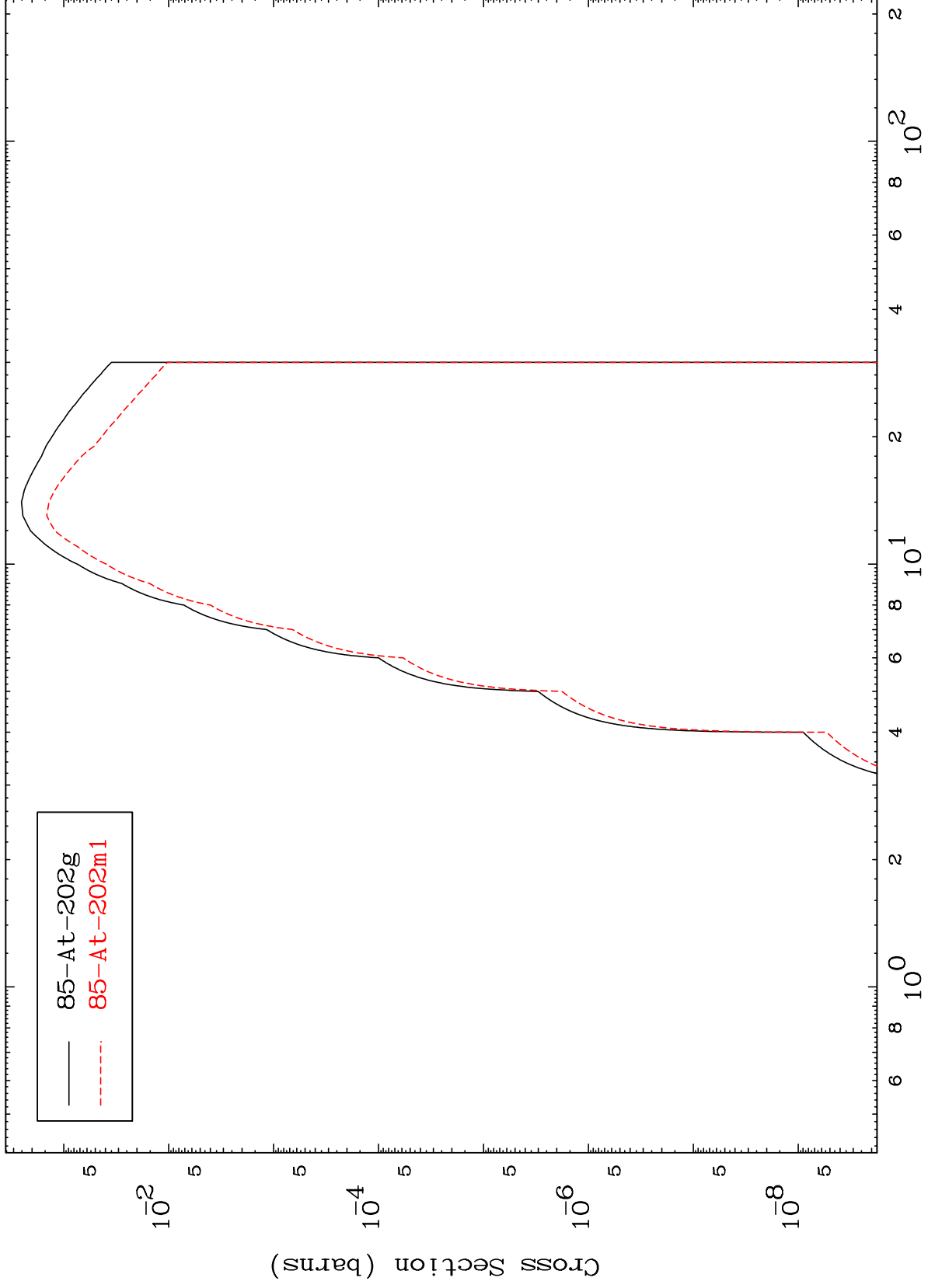
(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 8411

Deuteron Inelastic  
Radionuclide Production Cross Section

84-Po-201



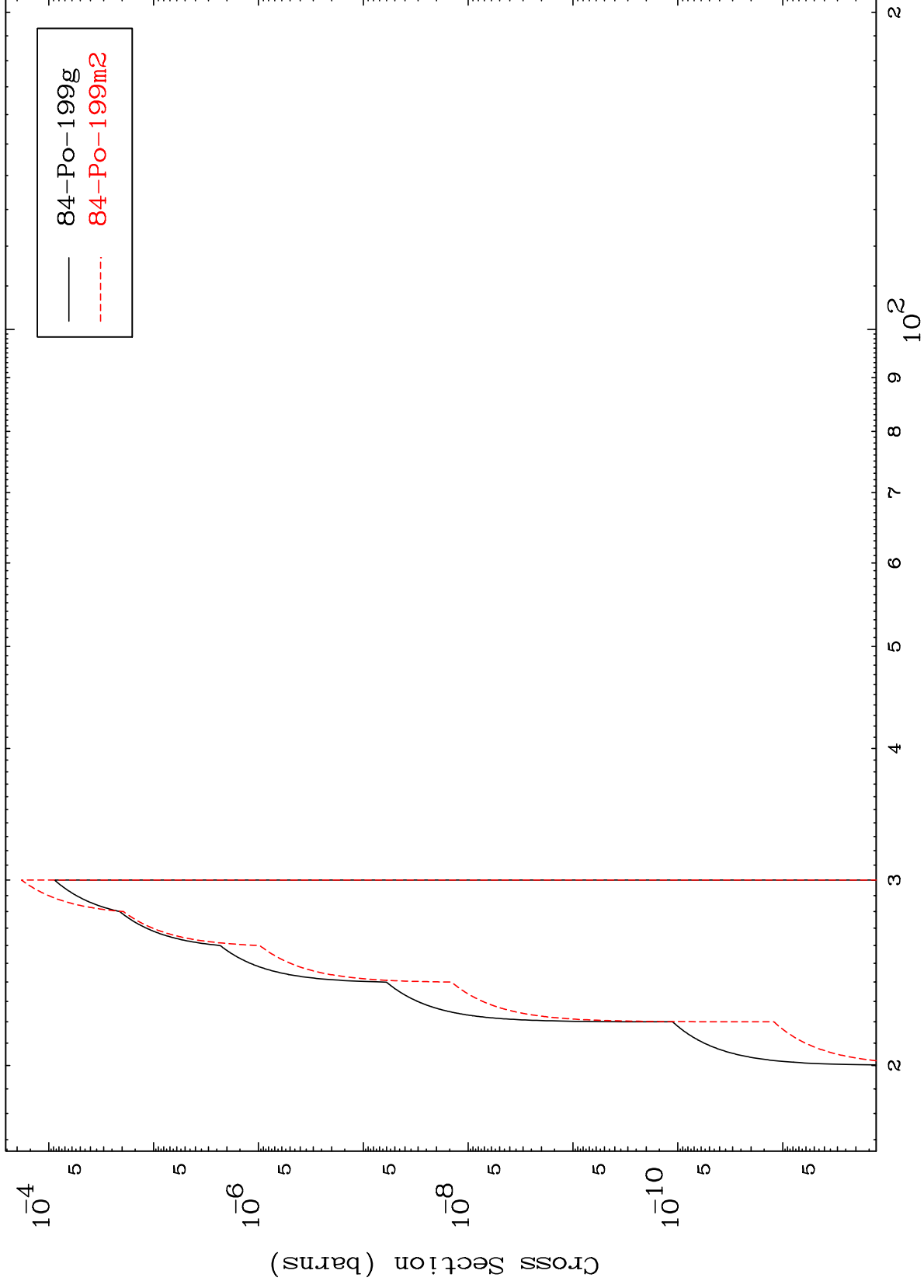
85-At-202g  
85-At-202m1

MAT 8411

(d,2n) d

84-Po-201

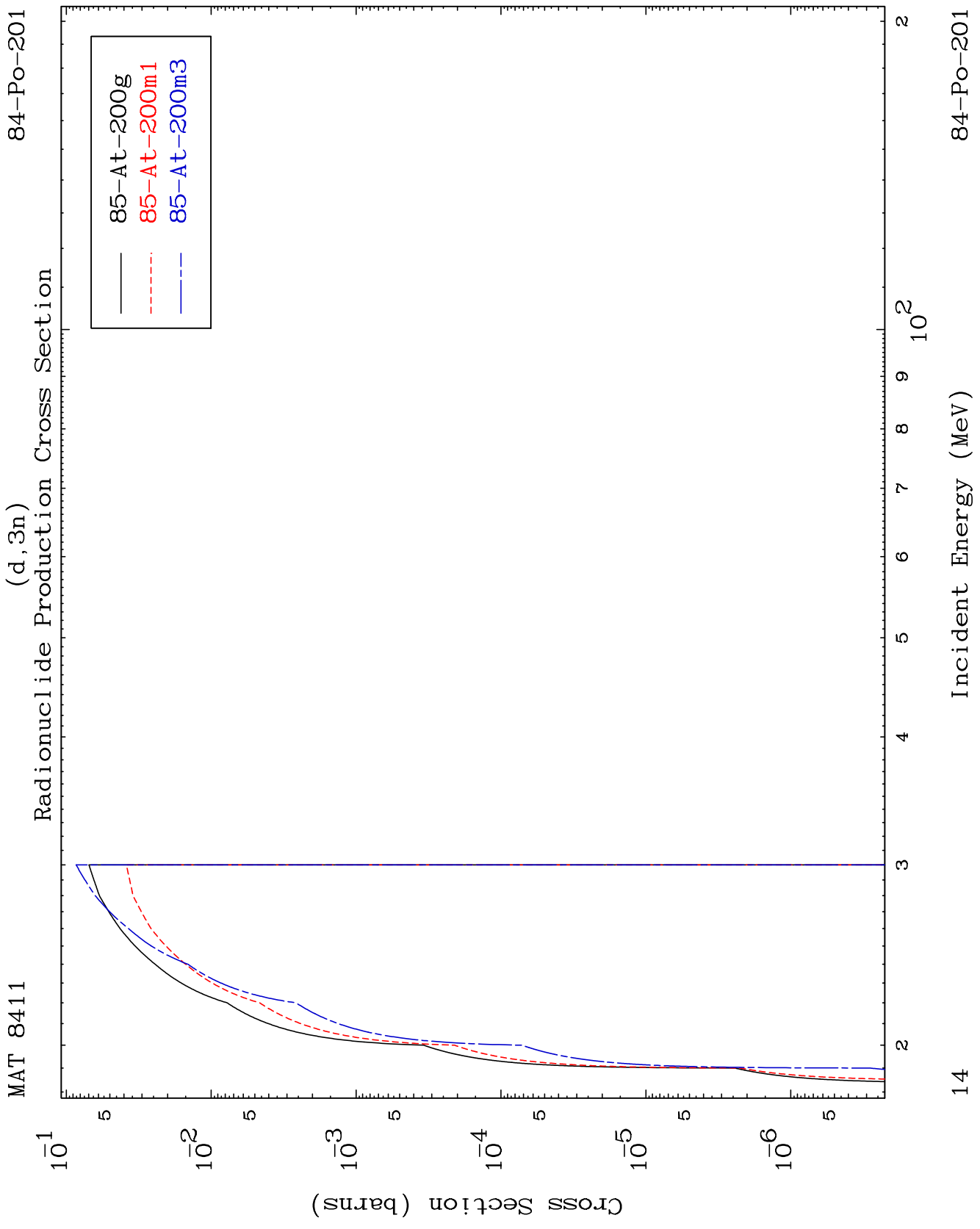
Radionuclide Production Cross Section



13

Incident Energy (MeV)

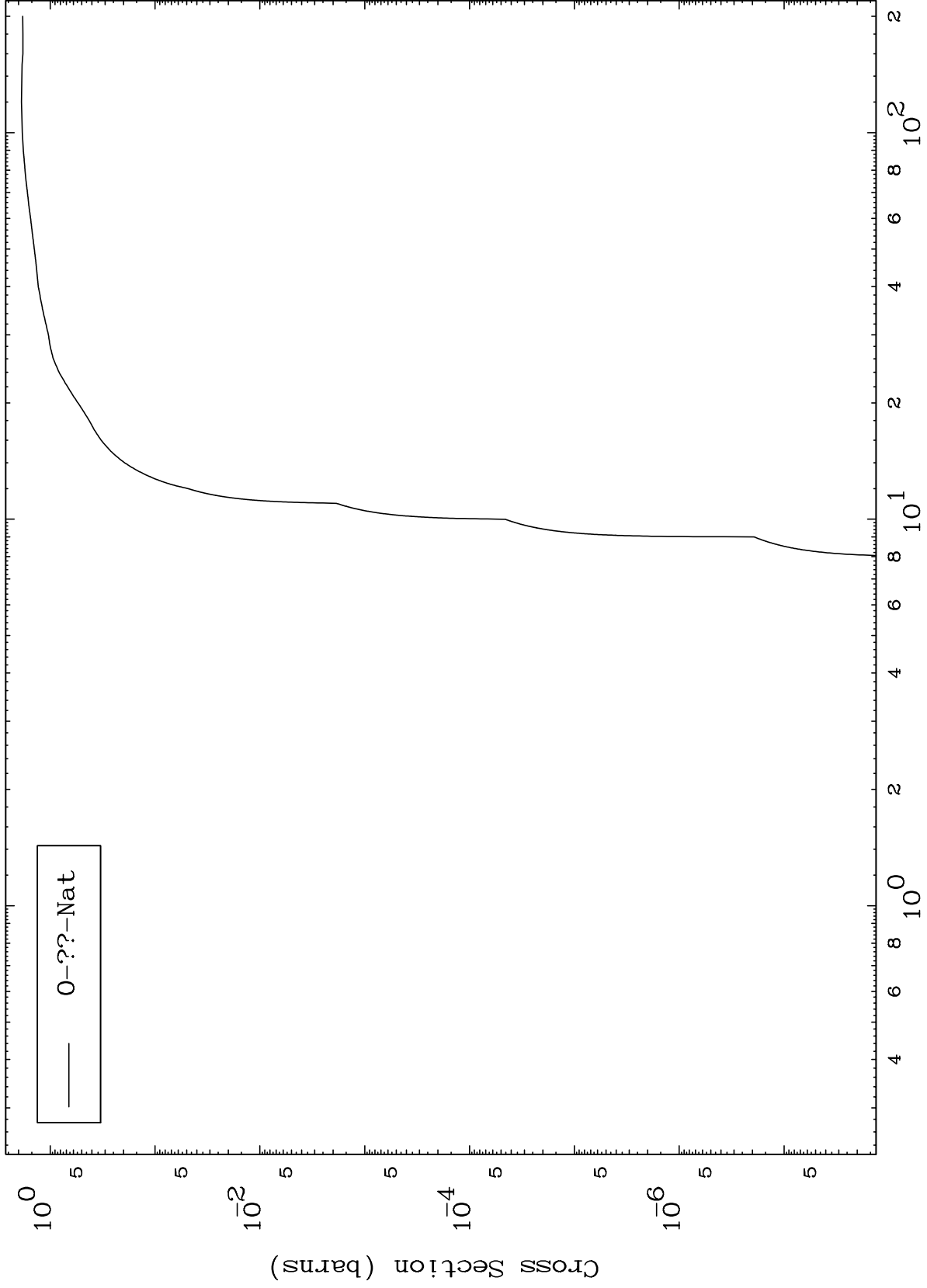
84-Po-201



MAT 8411

84-Po-201

Deuteron Fission  
Radionuclide Production Cross Section



15

84-Po-201

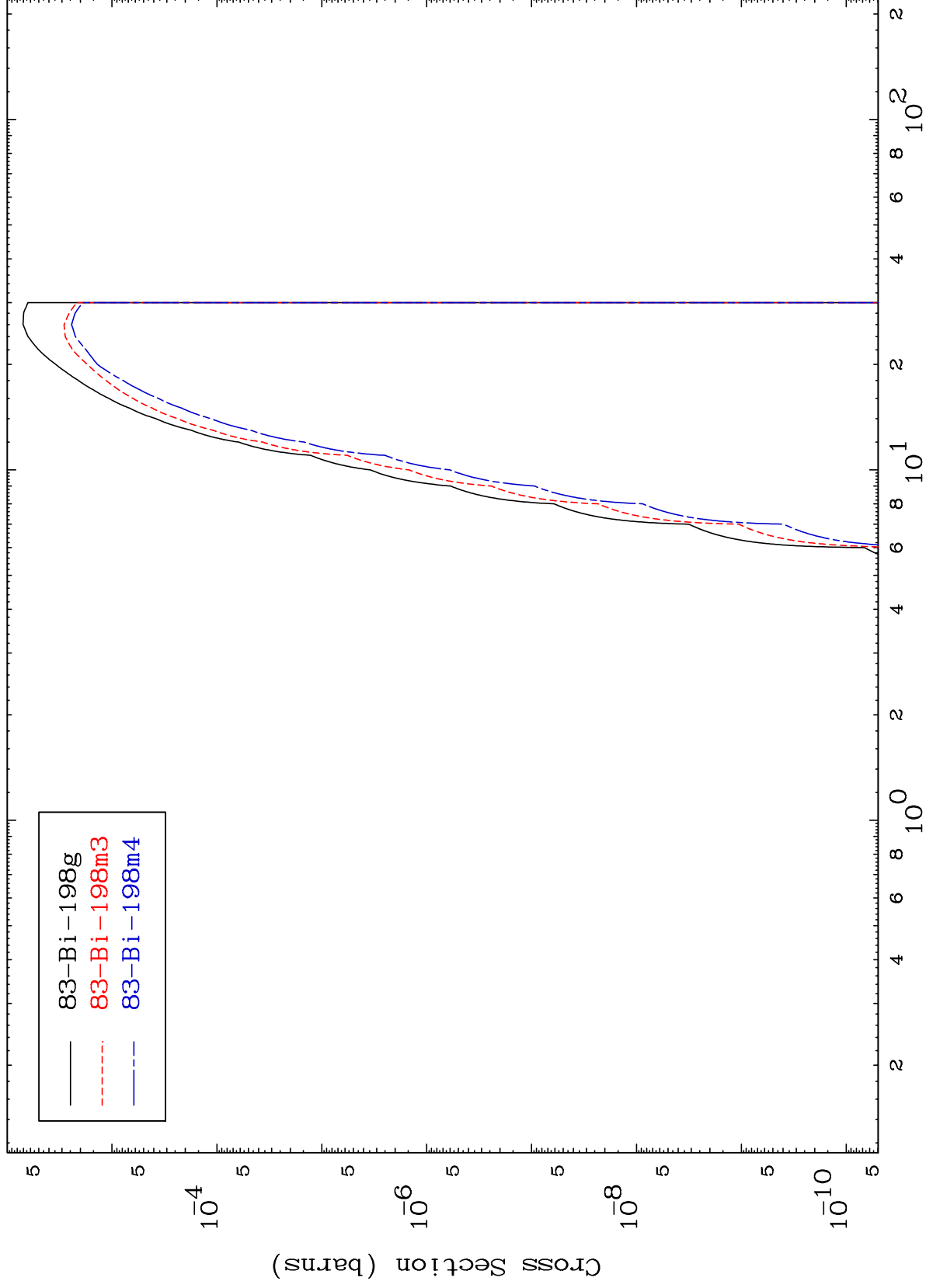


MAT 8411

84-Po-201

(d,n')  $\alpha$

Radionuclide Production Cross Section



83-Bi-198g  
83-Bi-198m3  
83-Bi-198m4

84-Po-201

Incident Energy (MeV)

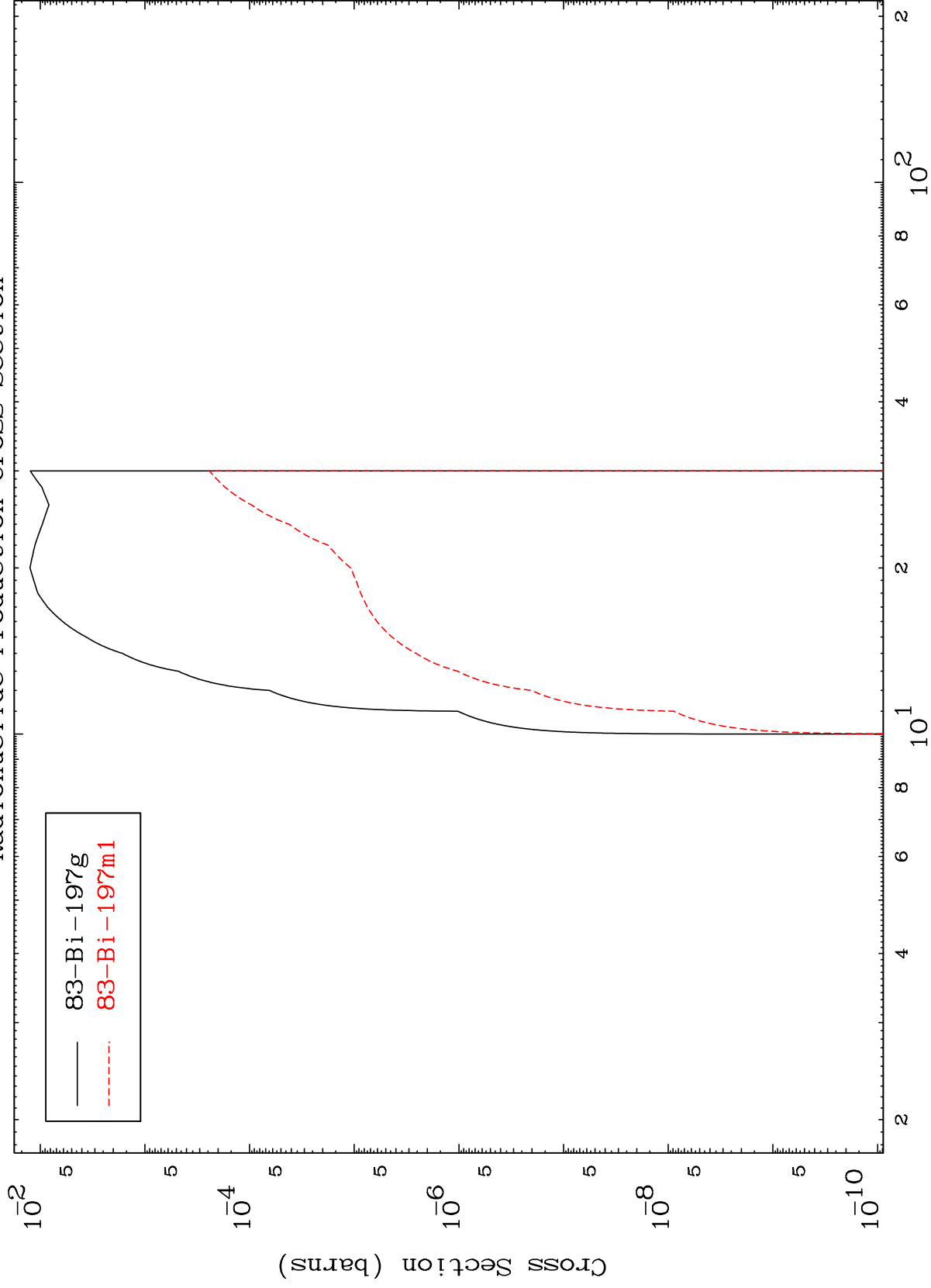
16

MAT 8411

84-Po-201

(d,2n)  $\alpha$

Radionuclide Production Cross Section



84-Po-201

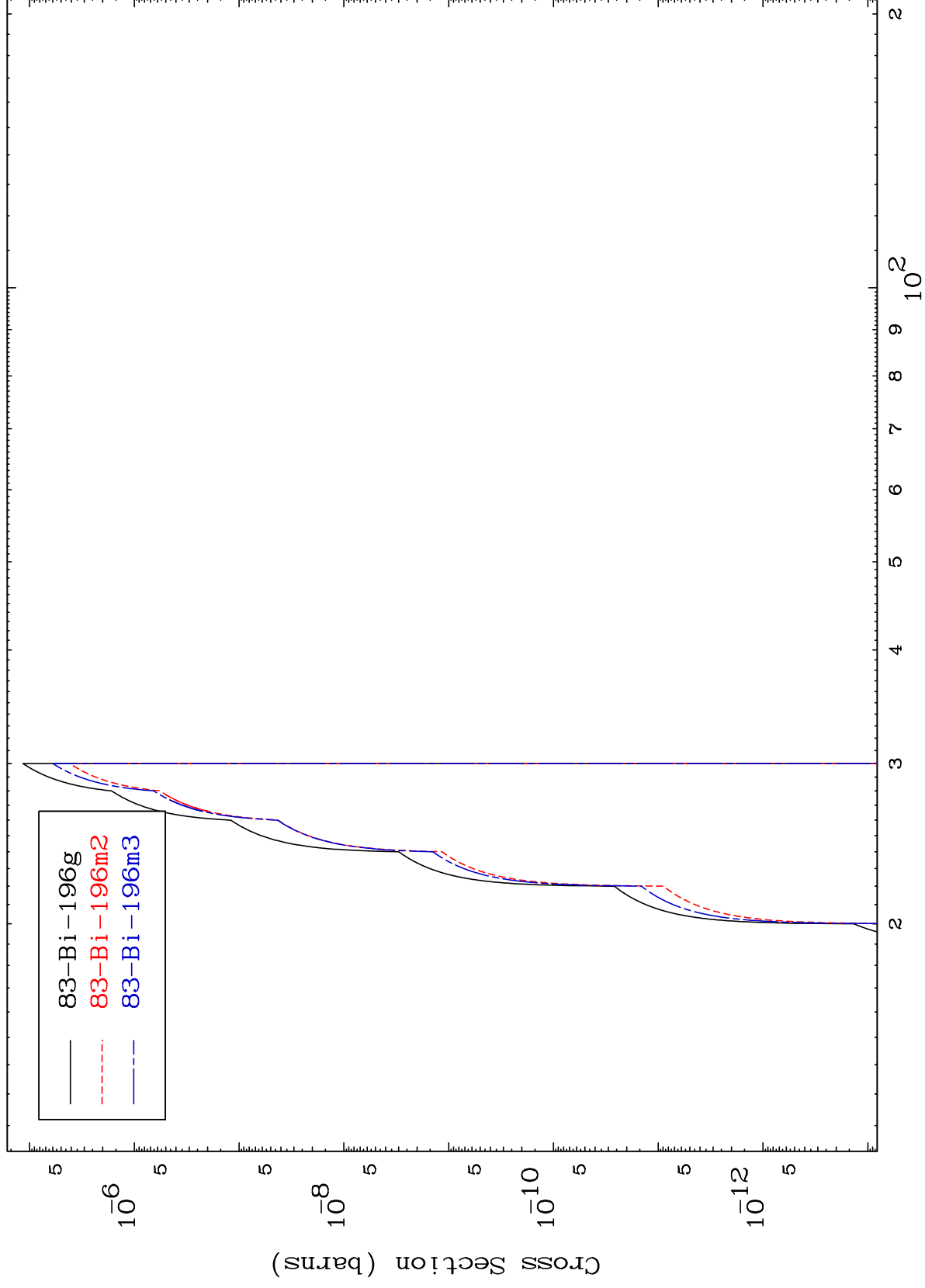
Incident Energy (MeV)

17

MAT 8411

84-Po-201

(d,3n)  $\alpha$   
Radionuclide Production Cross Section



18

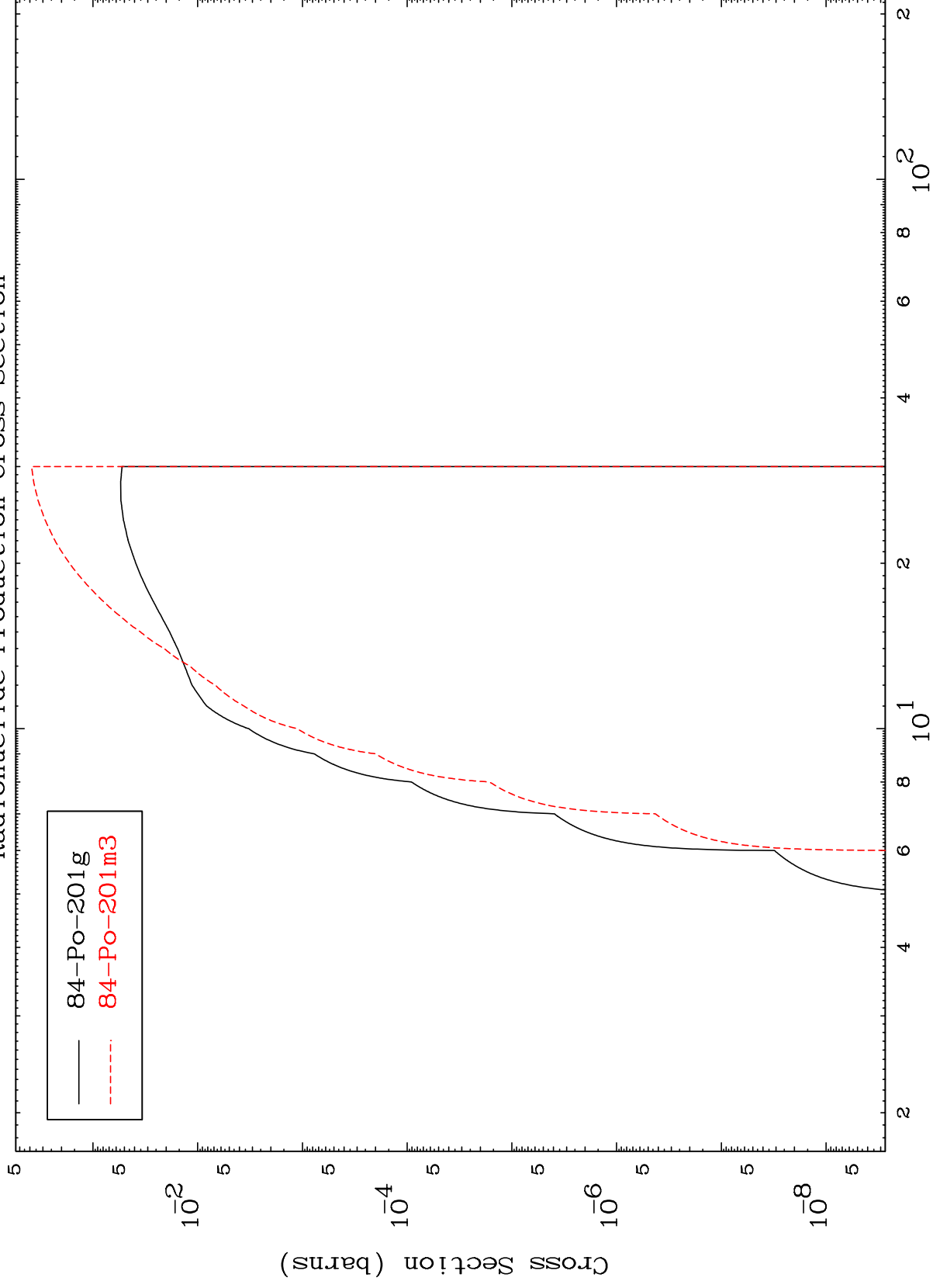
Incident Energy (MeV)

84-Po-201

MAT 8411

84-Po-201

(d,n') p  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

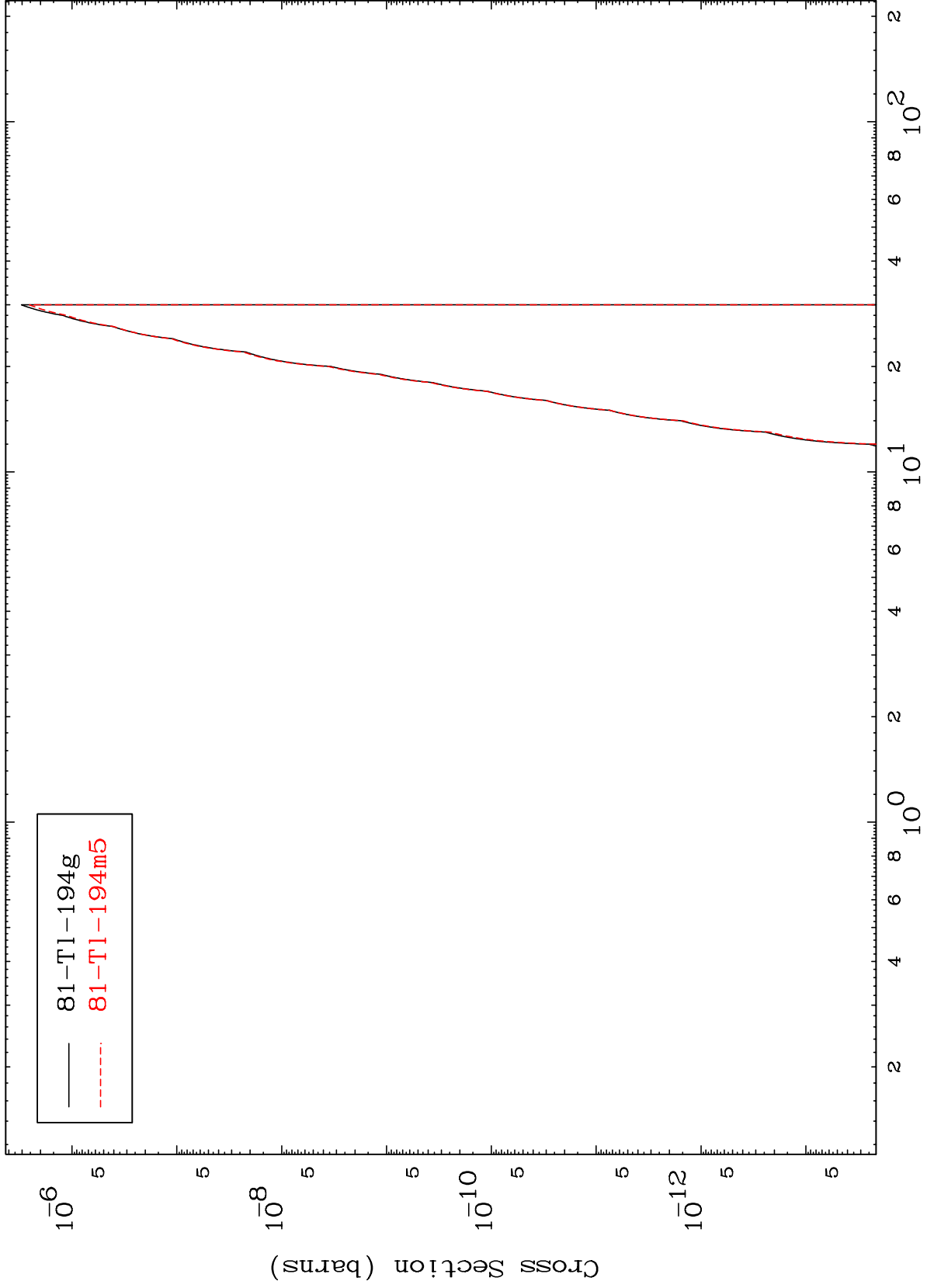
84-Po-201

MAT 8411

(d,n') 2 $\alpha$

84-Po-201

Radionuclide Production Cross Section

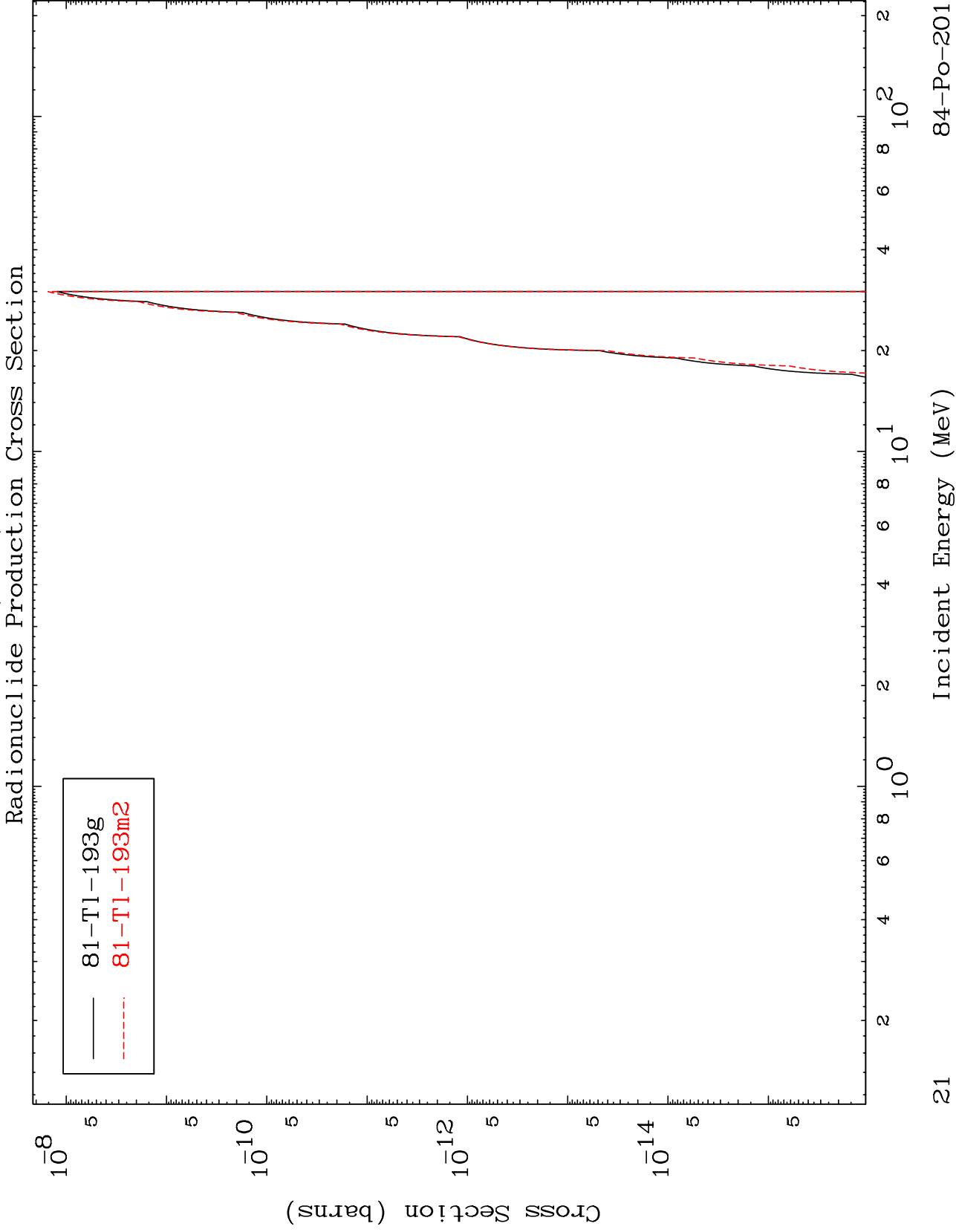


81-Tl-194g  
81-Tl-194m5

MAT 8411

(d,2n) 2α

84-Po-201

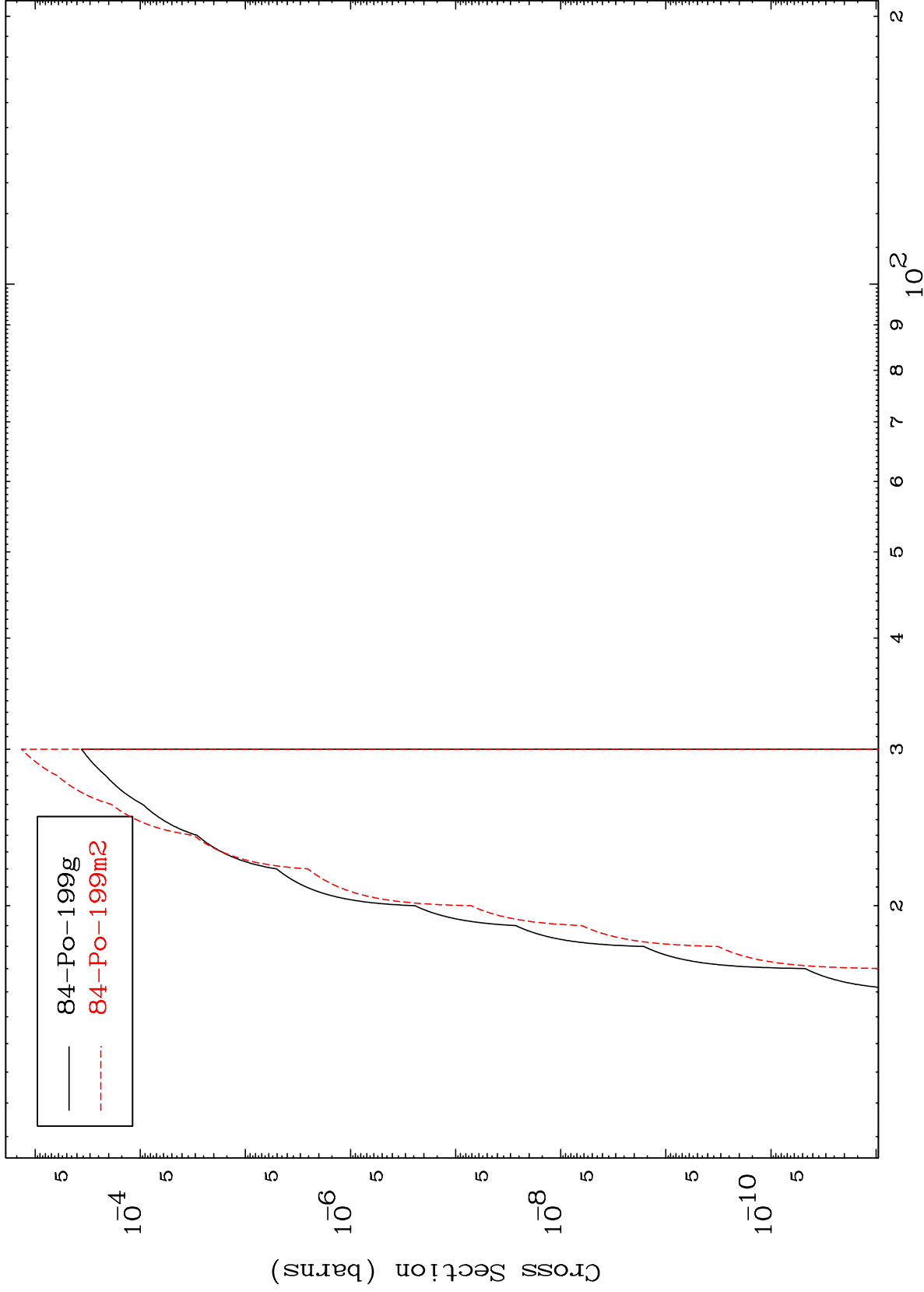


MAT 8411

(d,n') t

84-Po-201

Radionuclide Production Cross Section



22

Incident Energy (MeV)

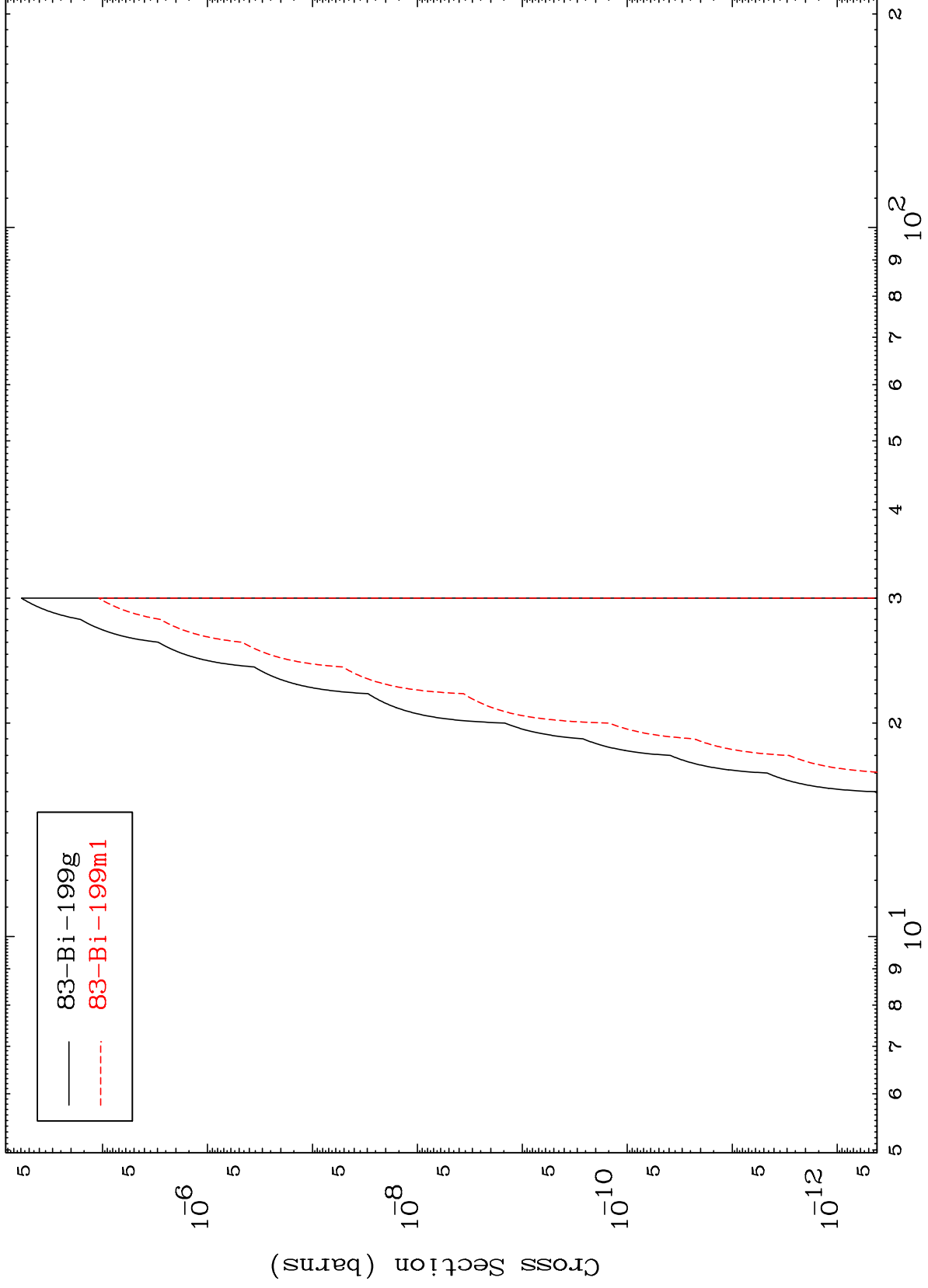
84-Po-201

MAT 8411

(d,n') He-3

84-Po-201

Radionuclide Production Cross Section



23

Incident Energy (MeV)

84-Po-201

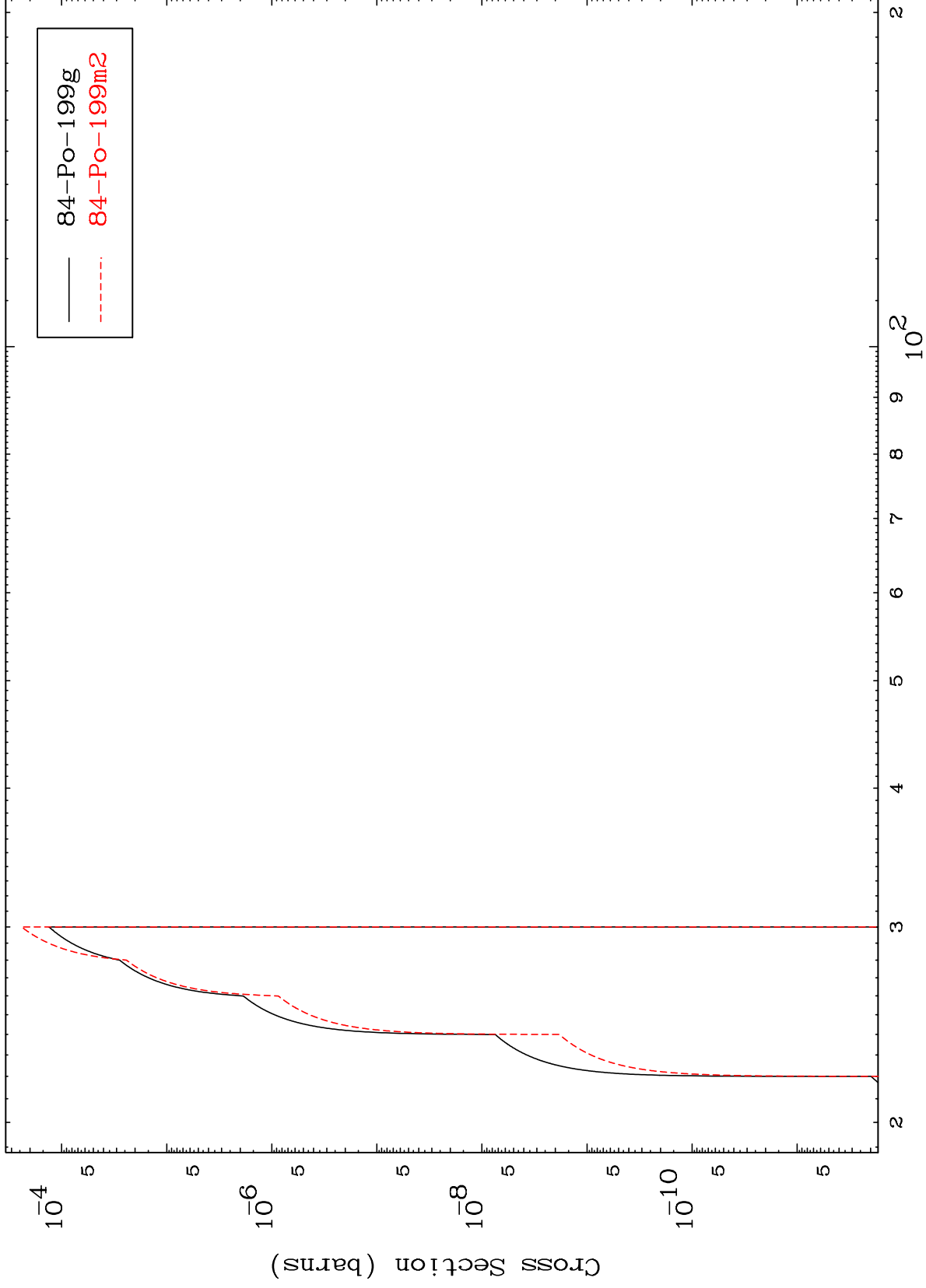


MAT 8411

(d,3n) p

84-Po-201

Radionuclide Production Cross Section



24

Incident Energy (MeV)

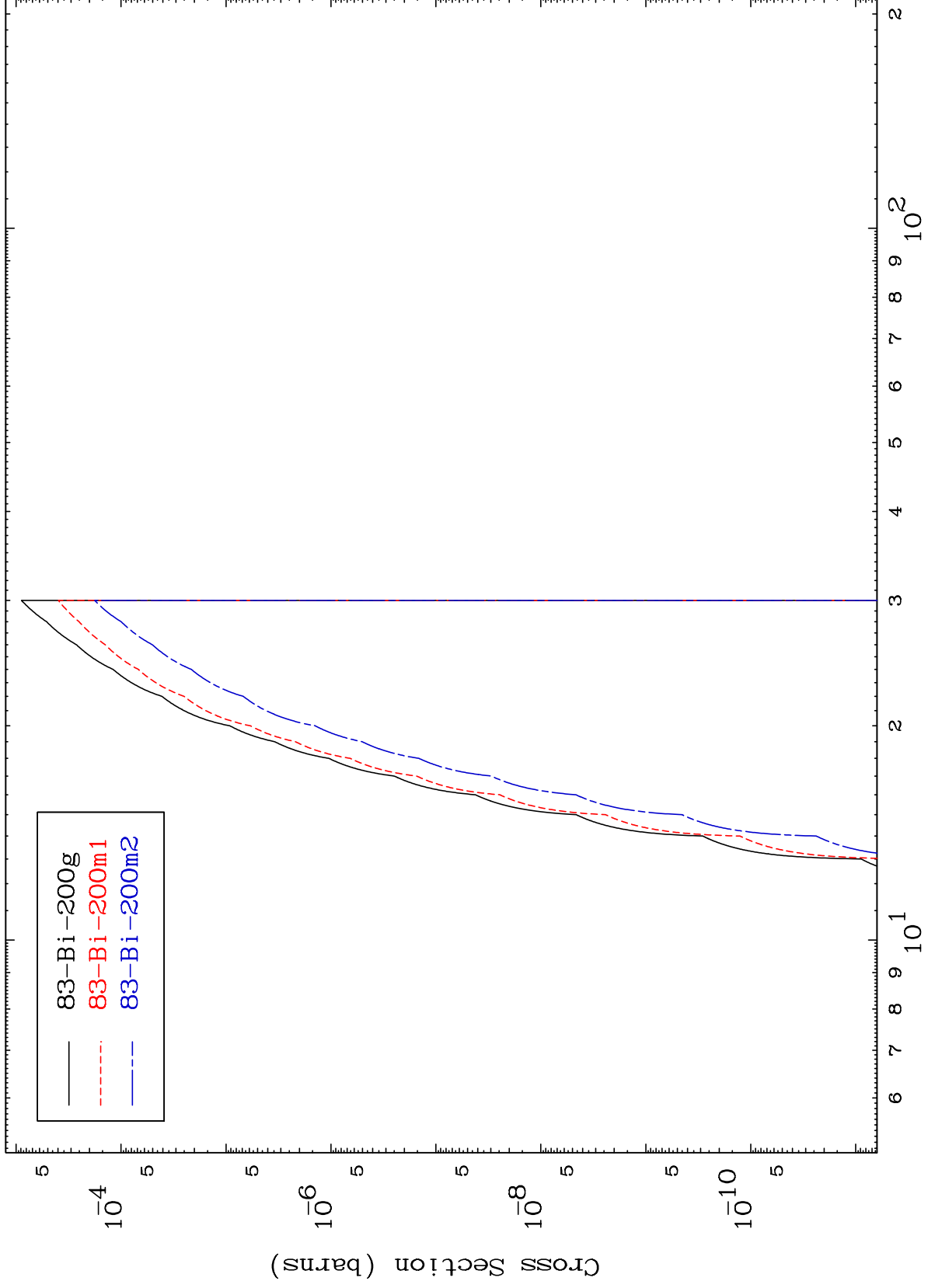
84-Po-201

MAT 8411

(d,2n) p

84-Po-201

Radionuclide Production Cross Section



25

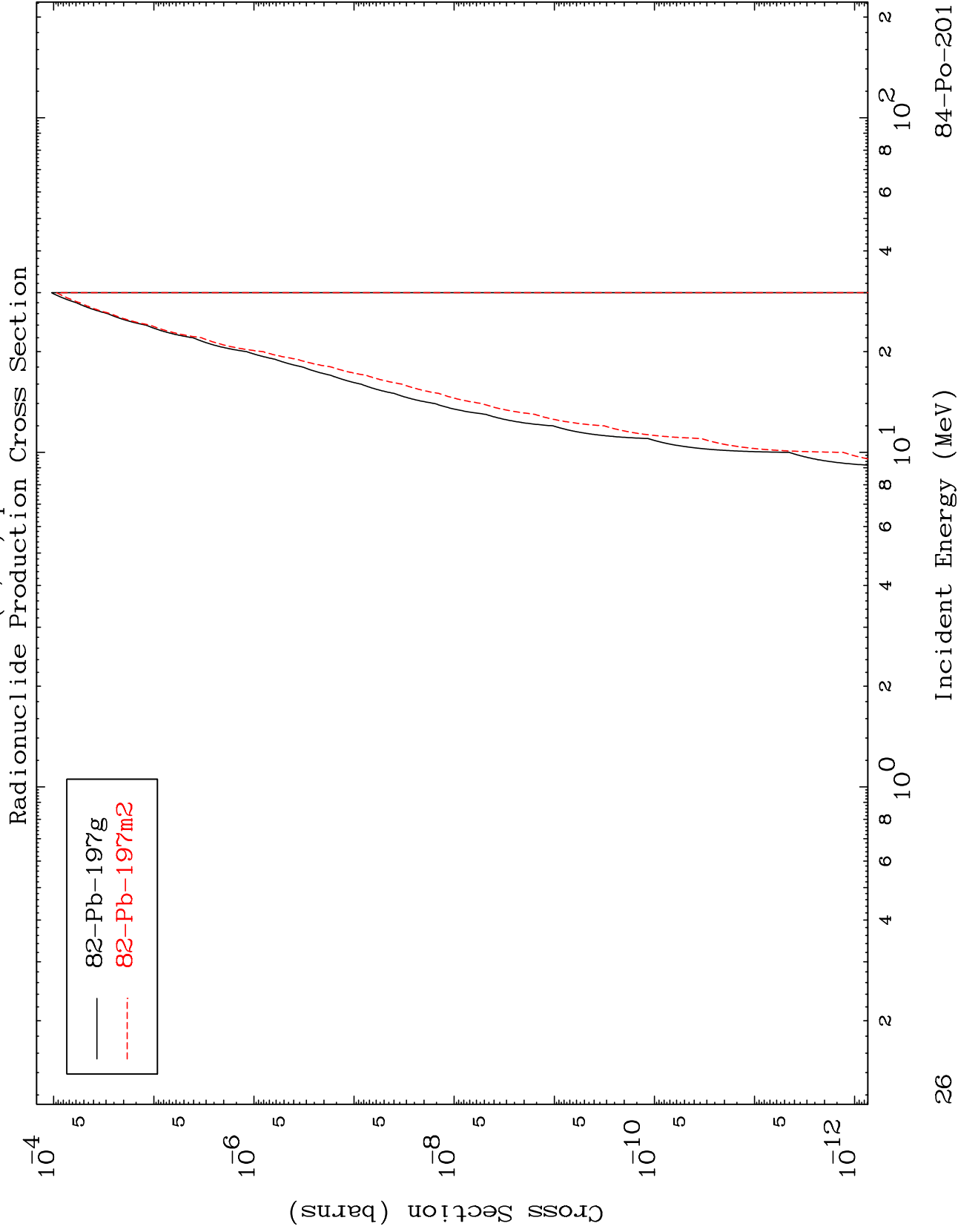
Incident Energy (MeV)

84-Po-201

MAT 8411

(d,n') p  $\alpha$

84-Po-201



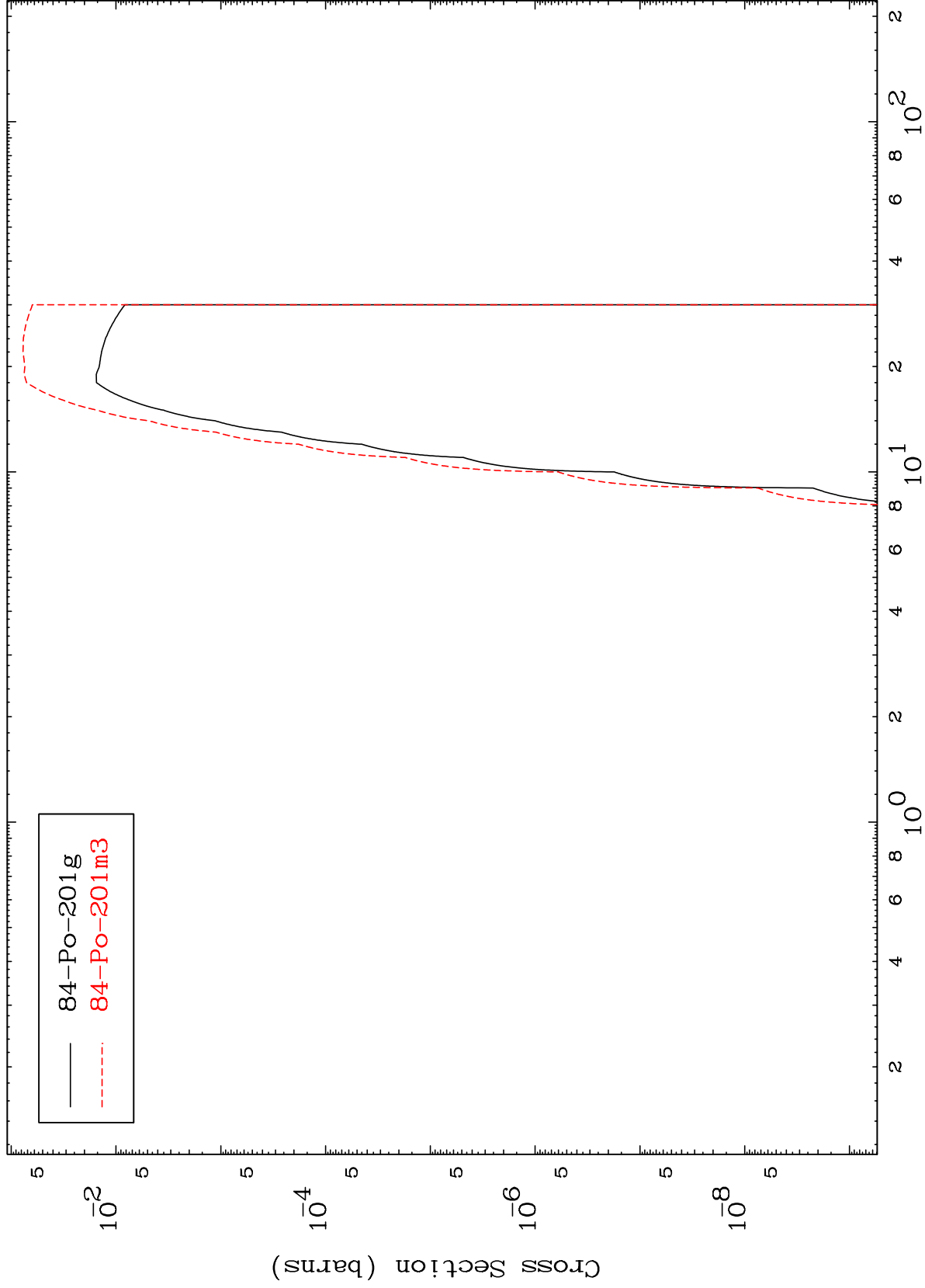
26

MAT 8411

(d,d)

84-Po-201

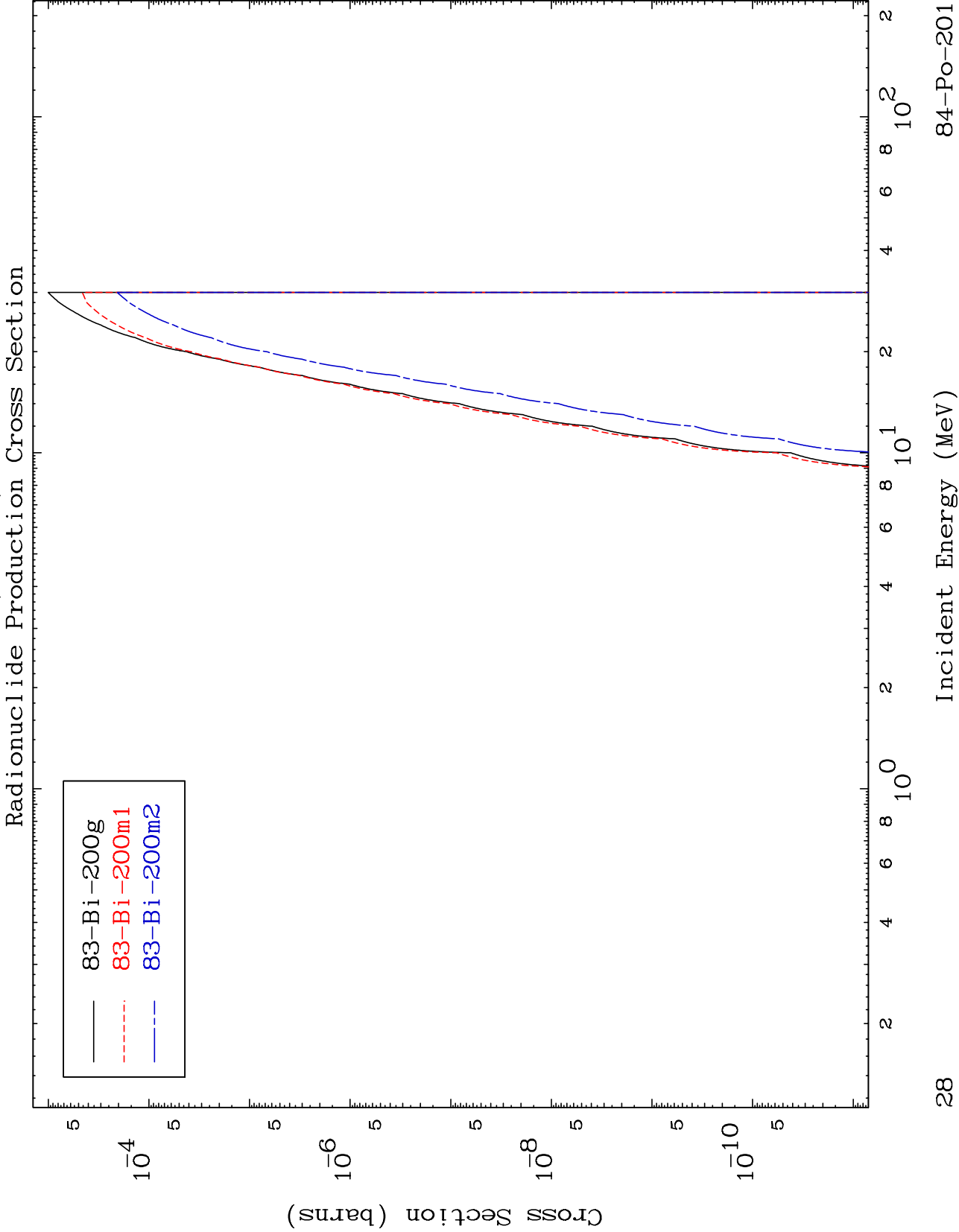
Radionuclide Production Cross Section



MAT 8411

(d,He-3)

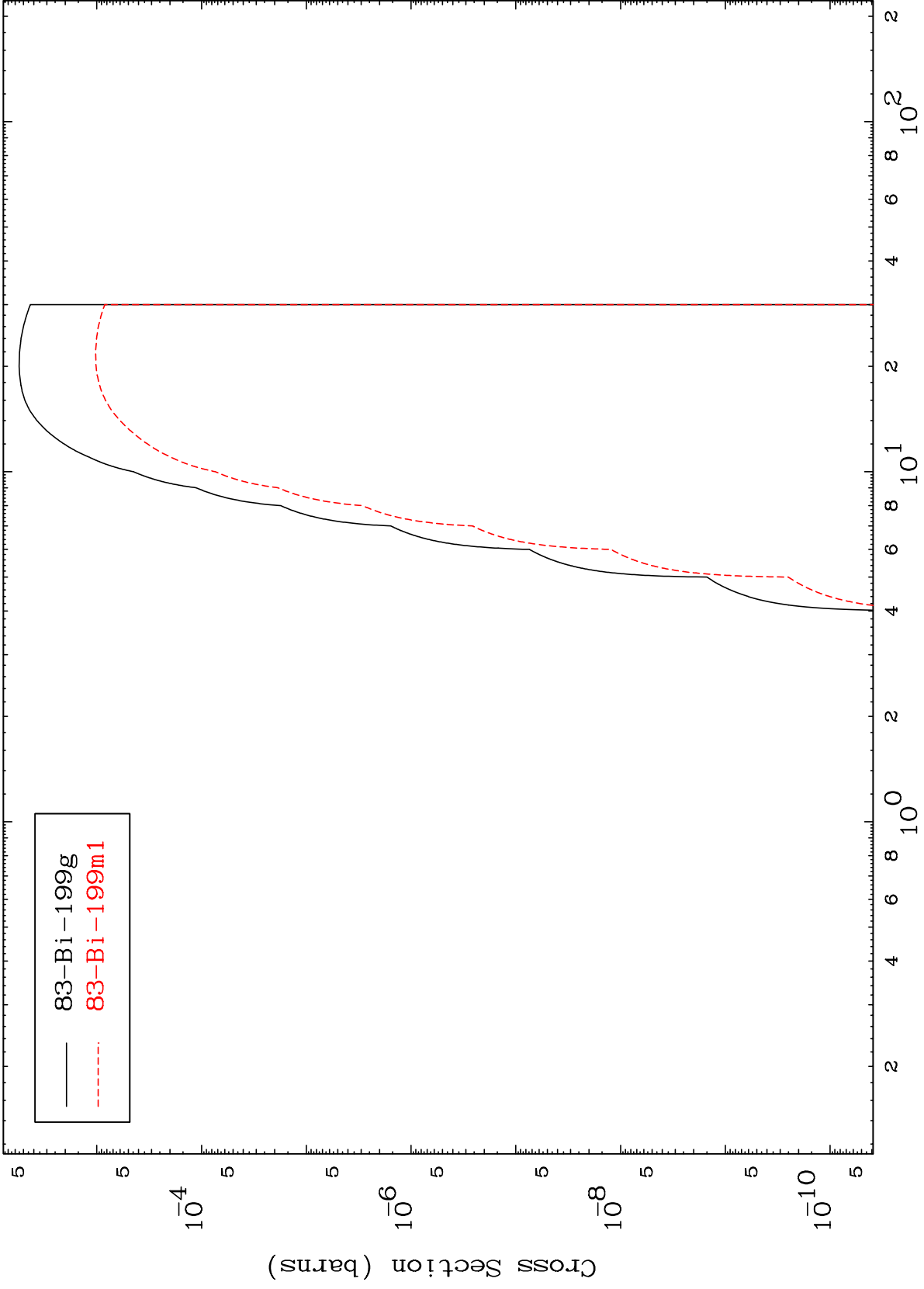
84-Po-201



MAT 8411

84-Po-201

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



29

84-Po-201

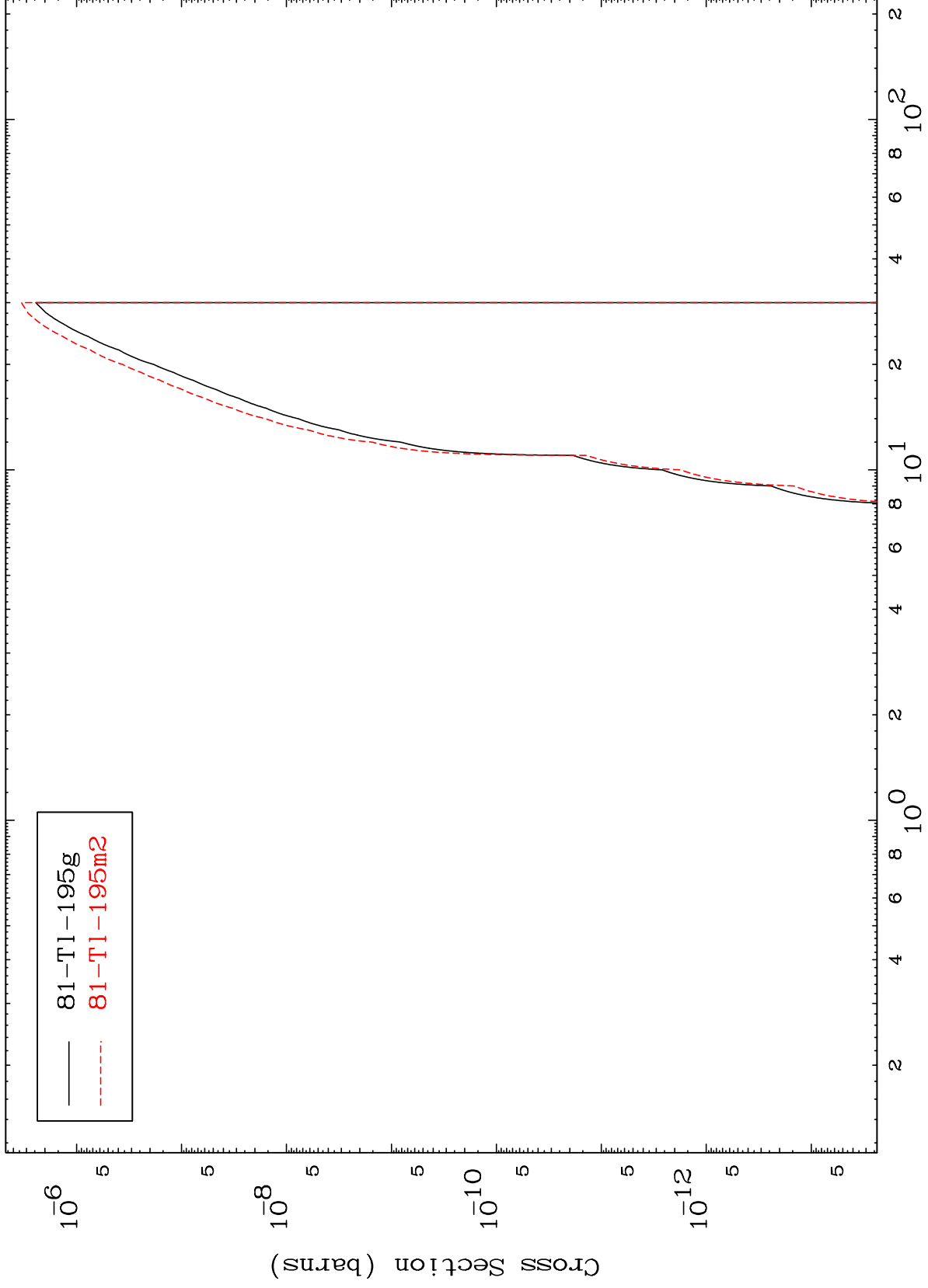
Incident Energy (MeV)

MAT 8411

(d,2α)

84-Po-201

Radionuclide Production Cross Section



30

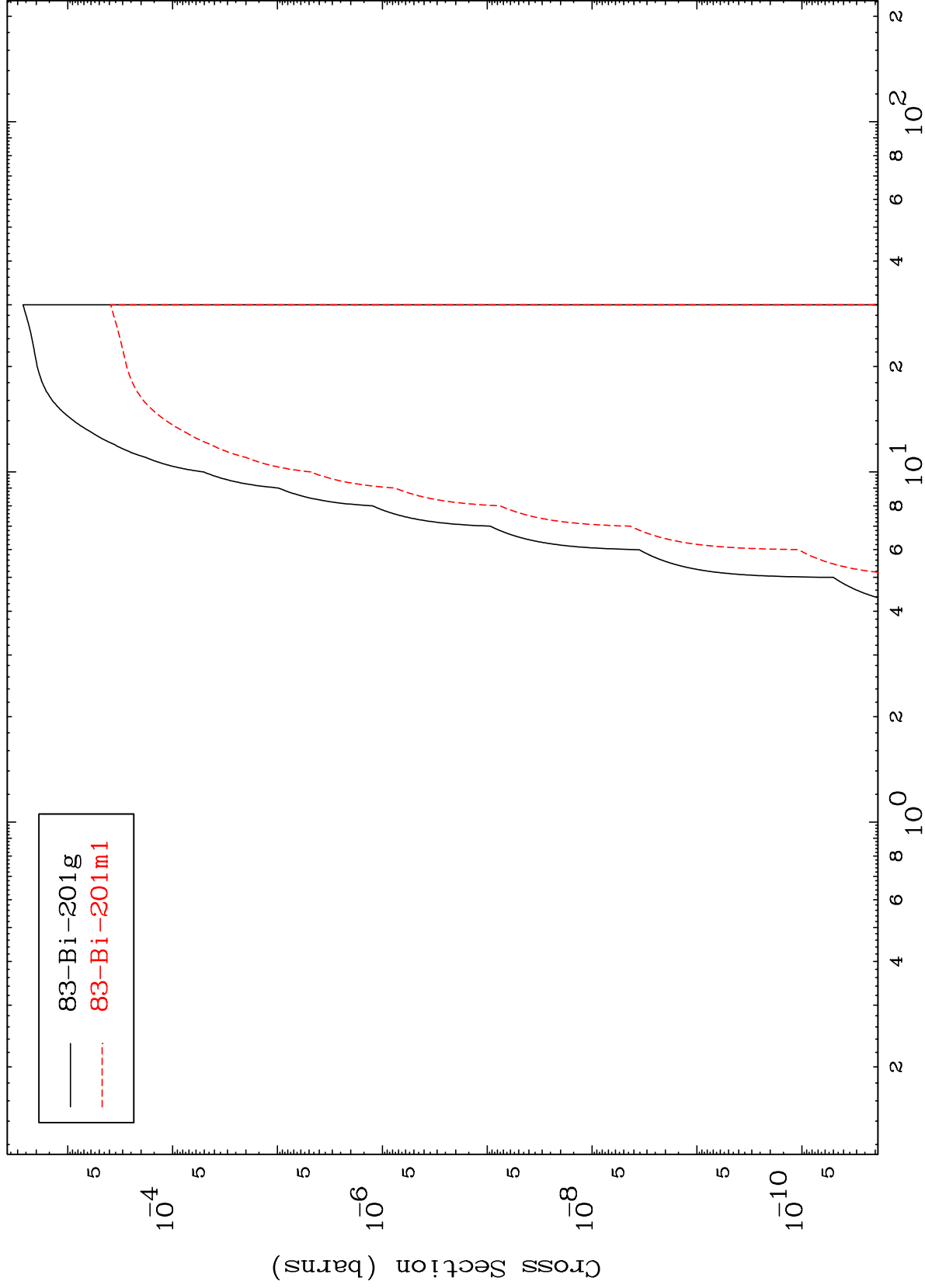
Incident Energy (MeV)

84-Po-201

MAT 8411

84-Po-201

(d,2p)  
Radionuclide Production Cross Section



31

84-Po-201

Incident Energy (MeV)

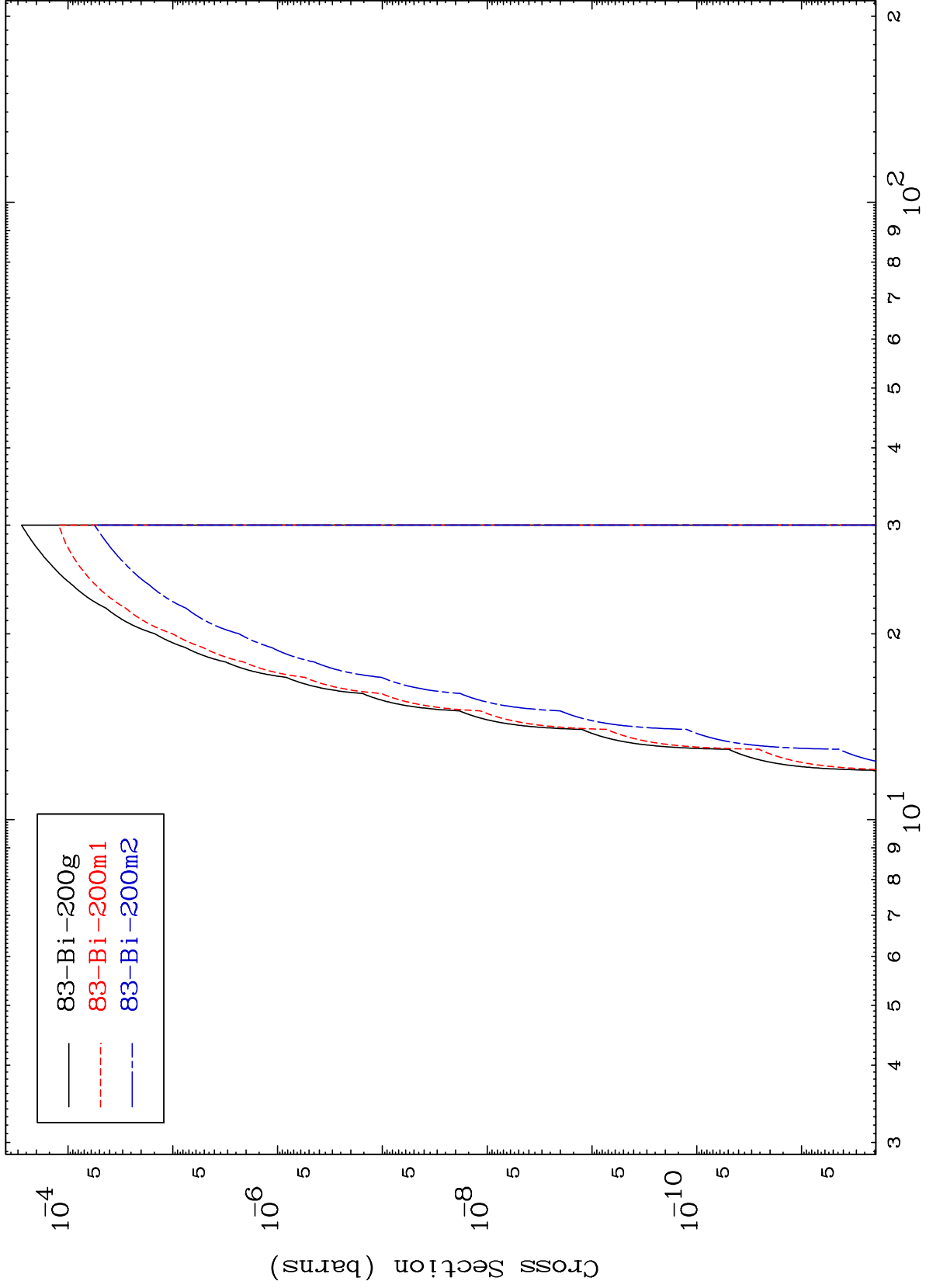


MAT 8411

(d,p) d

84-Po-201

Radionuclide Production Cross Section



83-Bi-200g  
83-Bi-200m1  
83-Bi-200m2

32

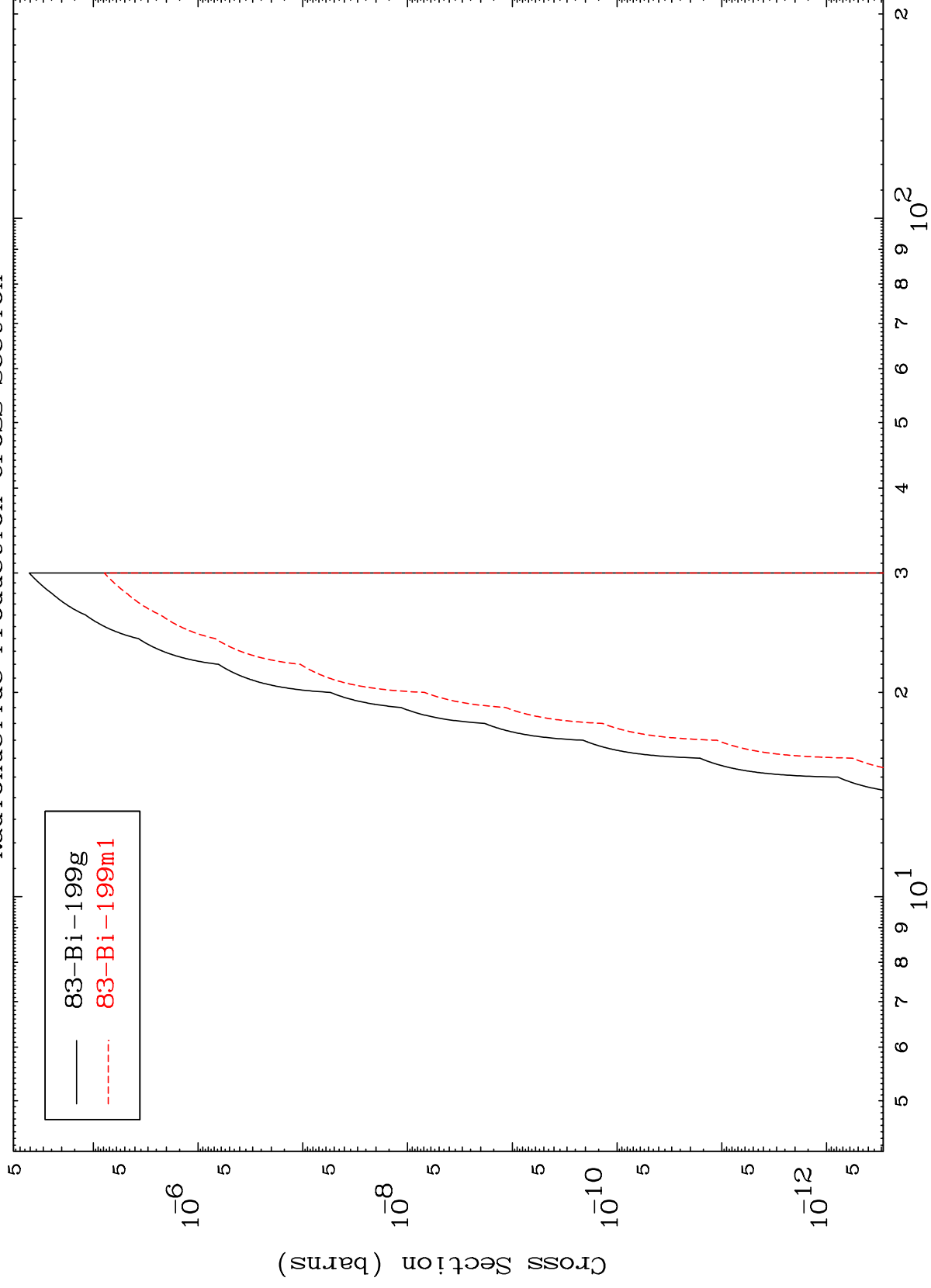
Incident Energy (MeV)

84-Po-201

MAT 8411

84-Po-201

(d,p) t  
Radionuclide Production Cross Section



84-Po-201

Incident Energy (MeV)

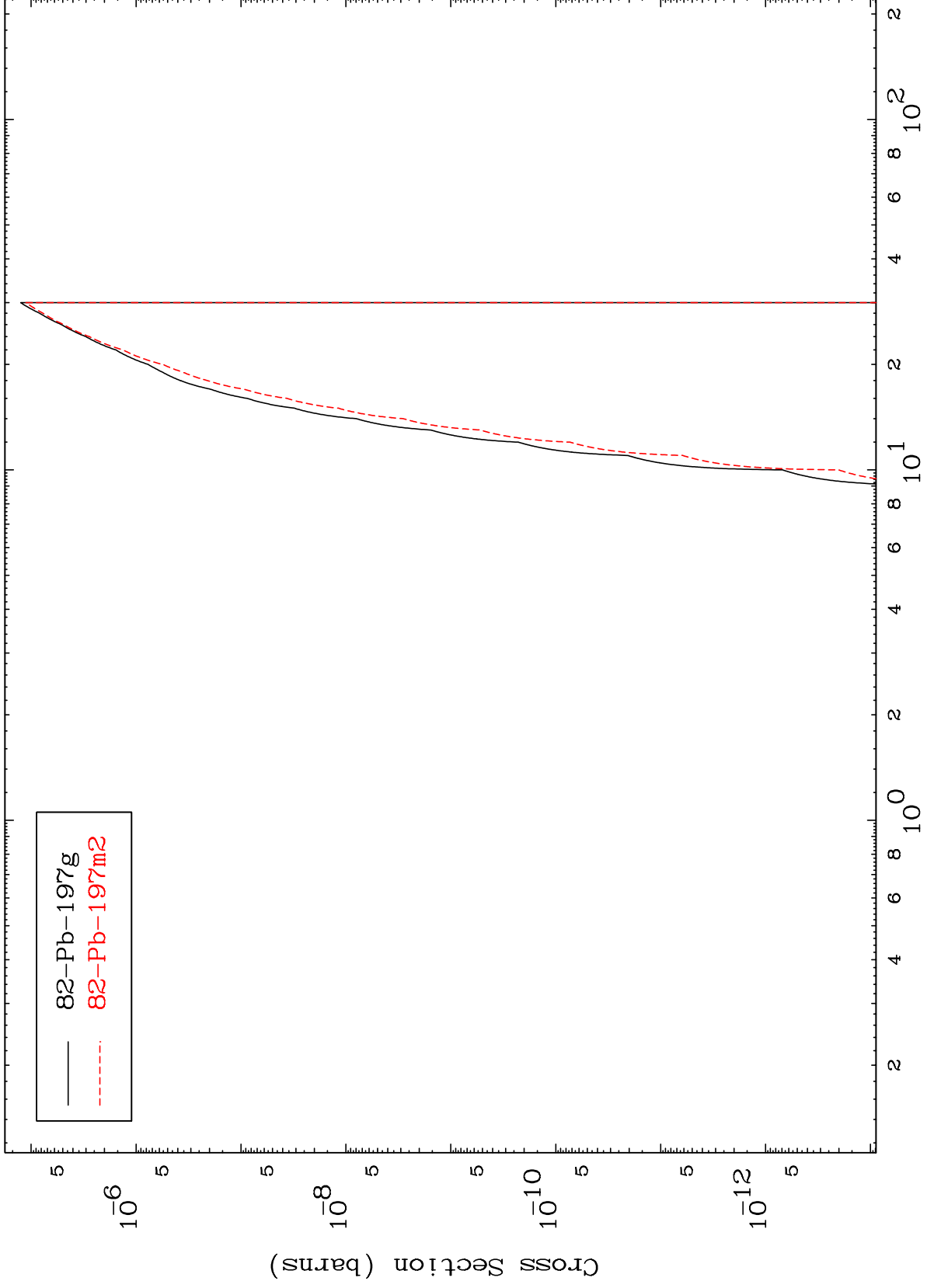
33

MAT 8411

(d,d)  $\alpha$

84-Po-201

Radionuclide Production Cross Section



82-Pb-197g  
82-Pb-197m2

34

84-Po-201