

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

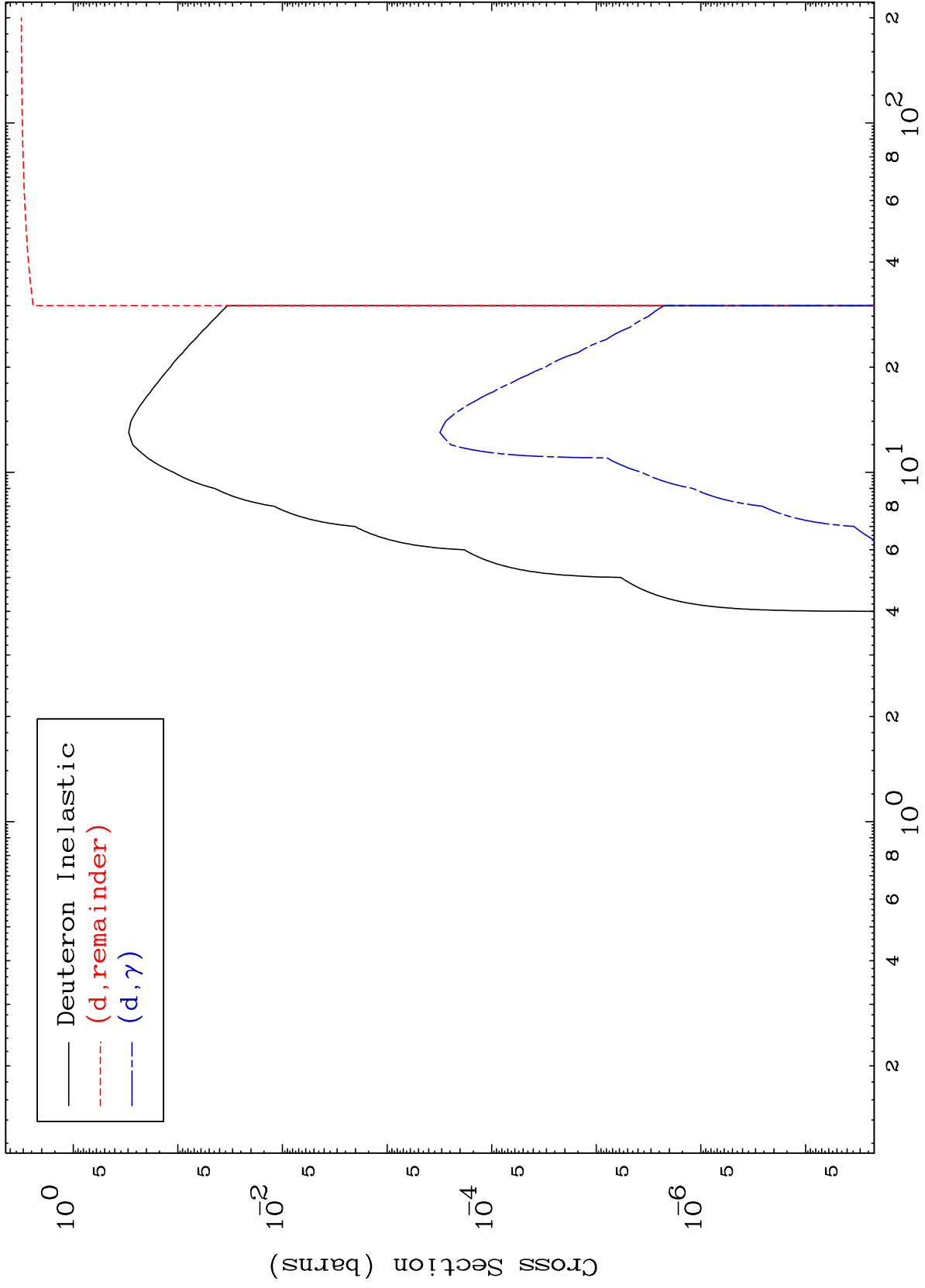
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

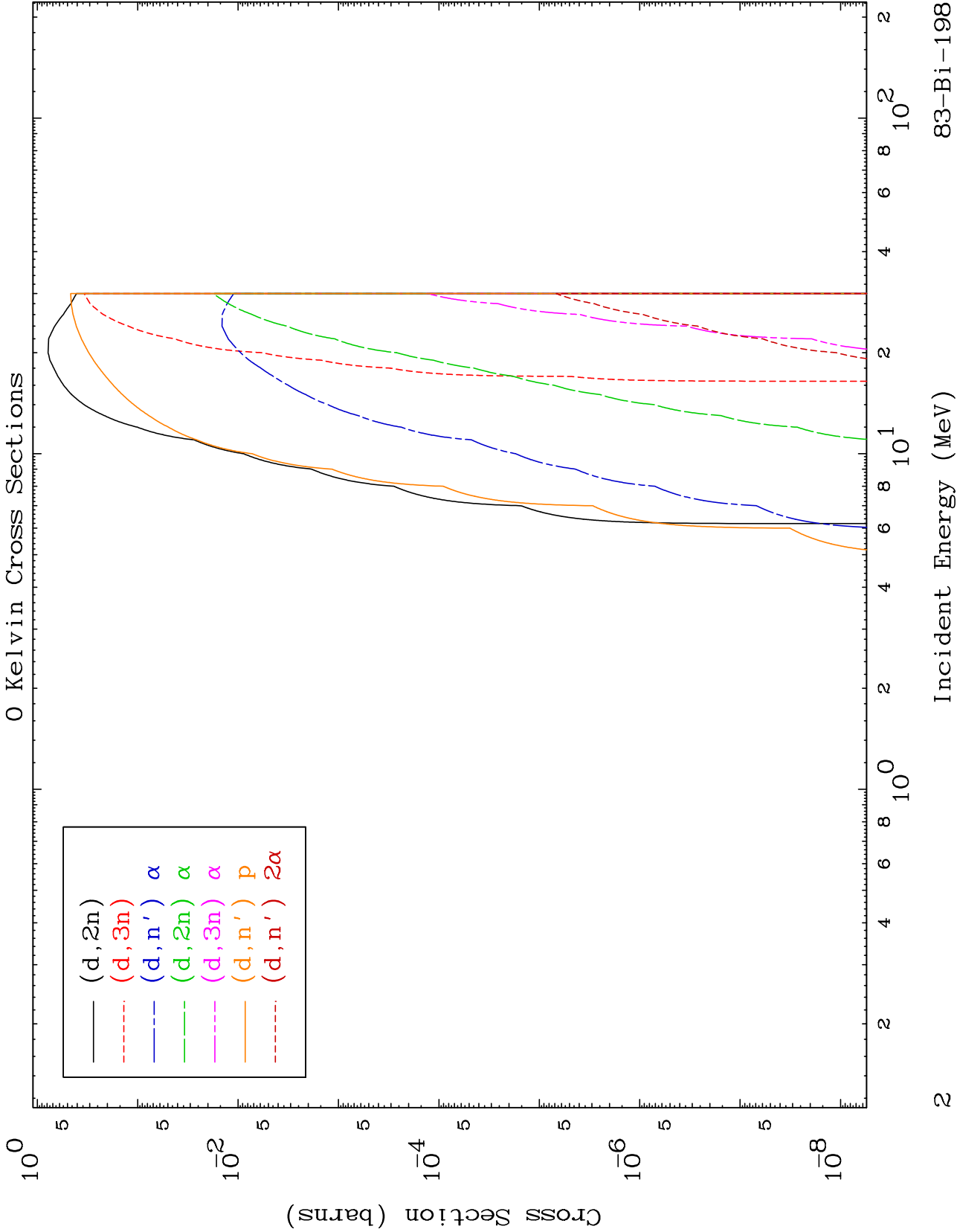
Tele: 925-443-1911

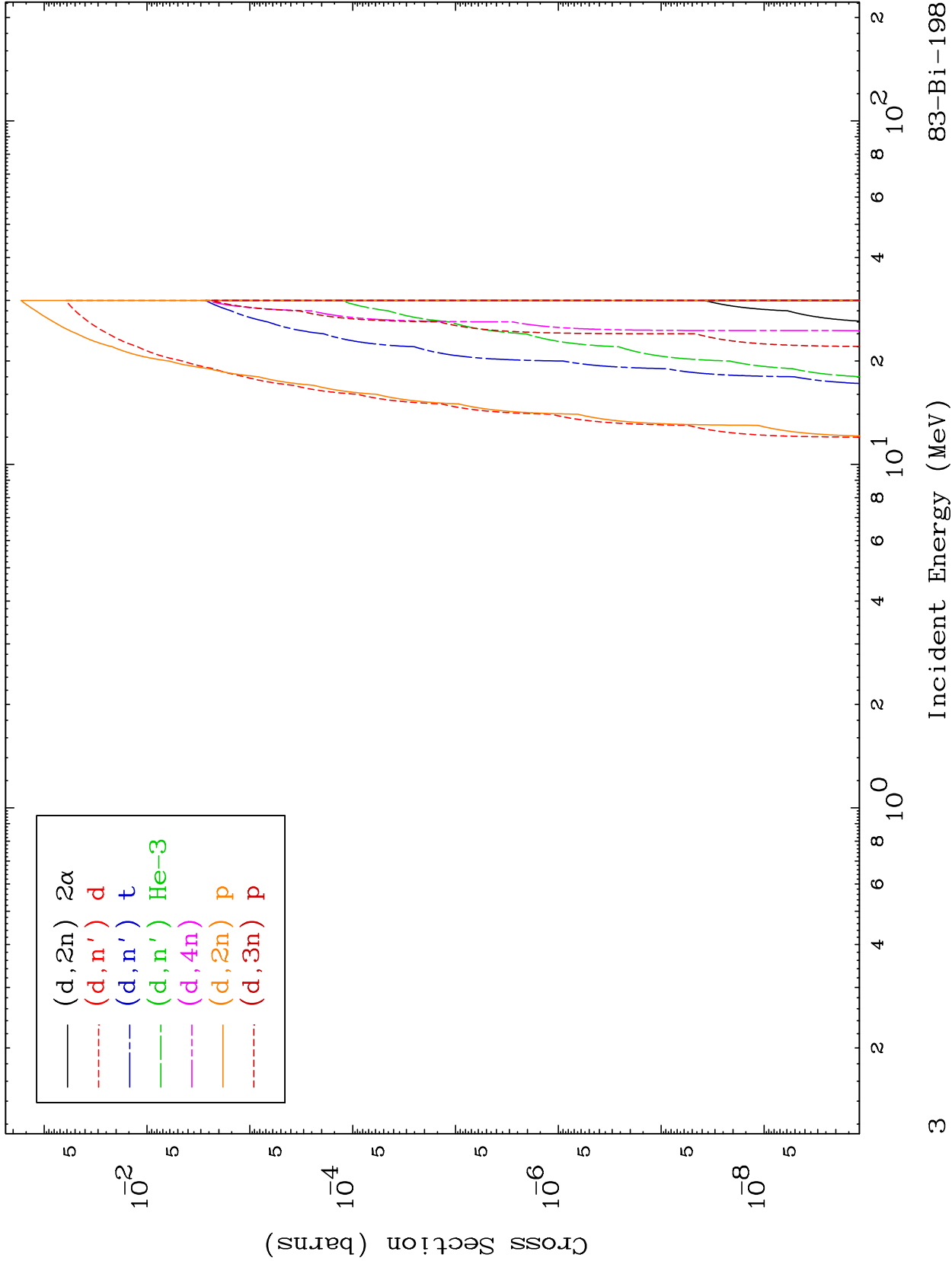
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



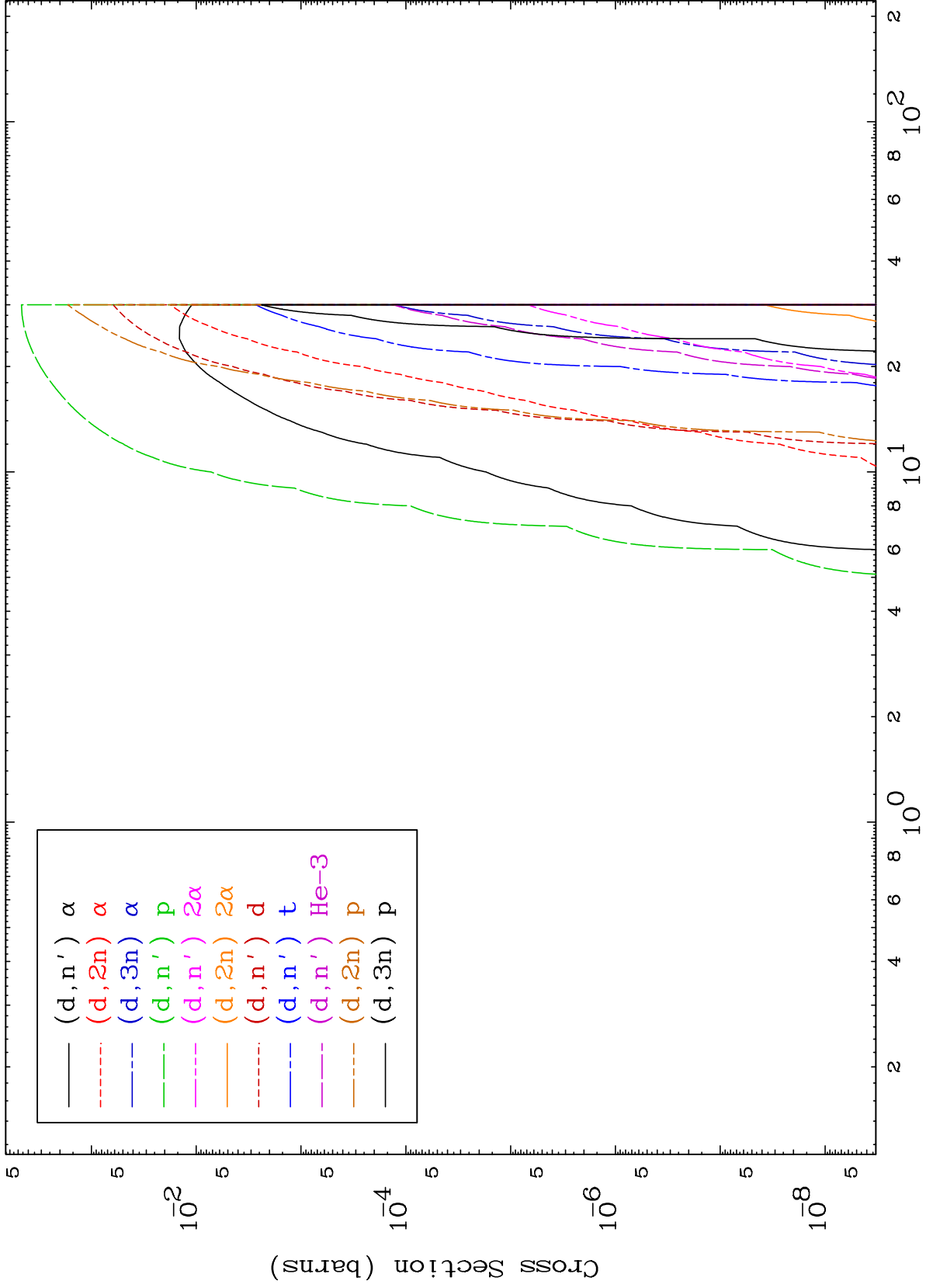


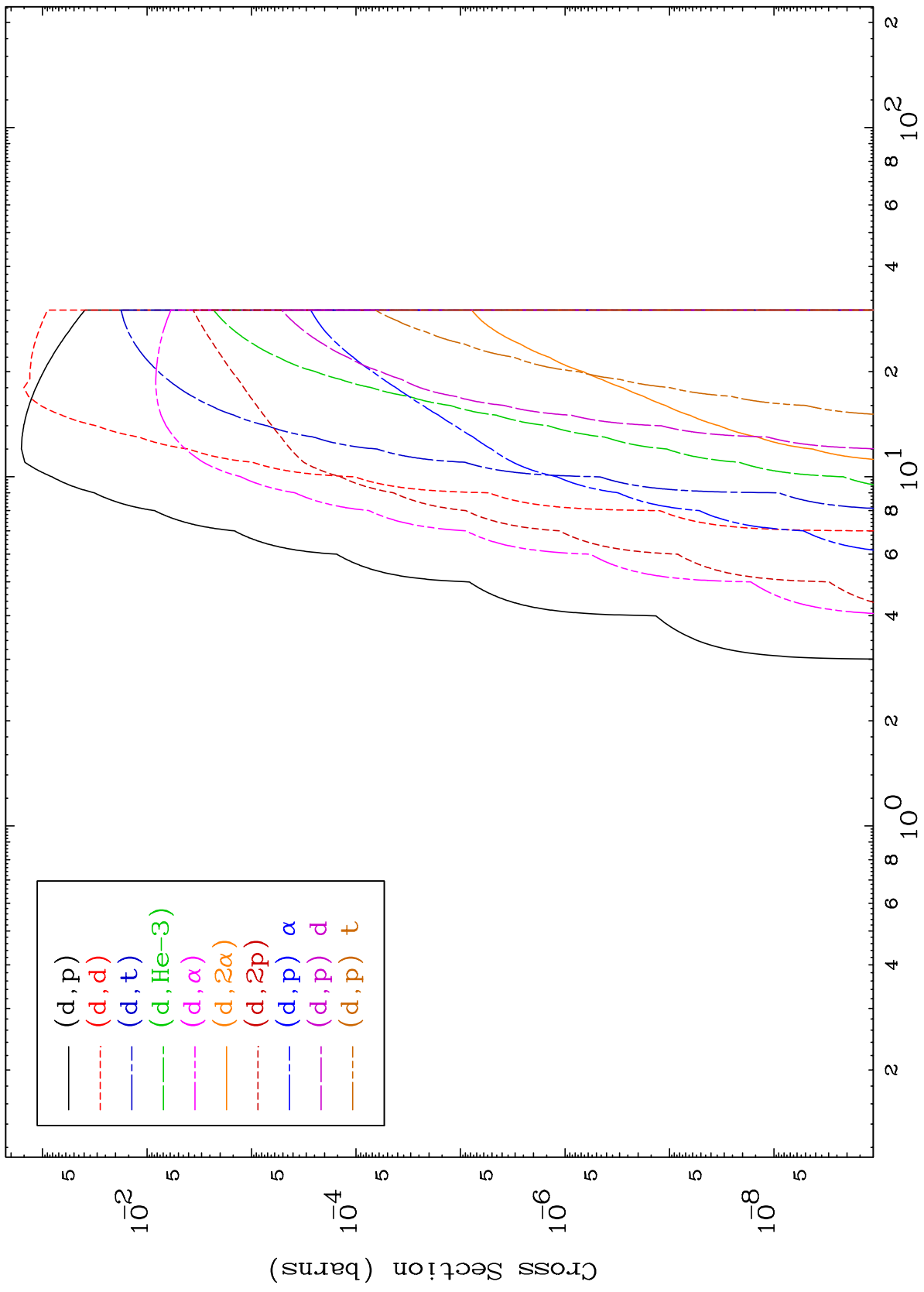


MAT 8293

Deuteron Charged Particle  
0 Kelvin Cross Sections

83-Bi-198



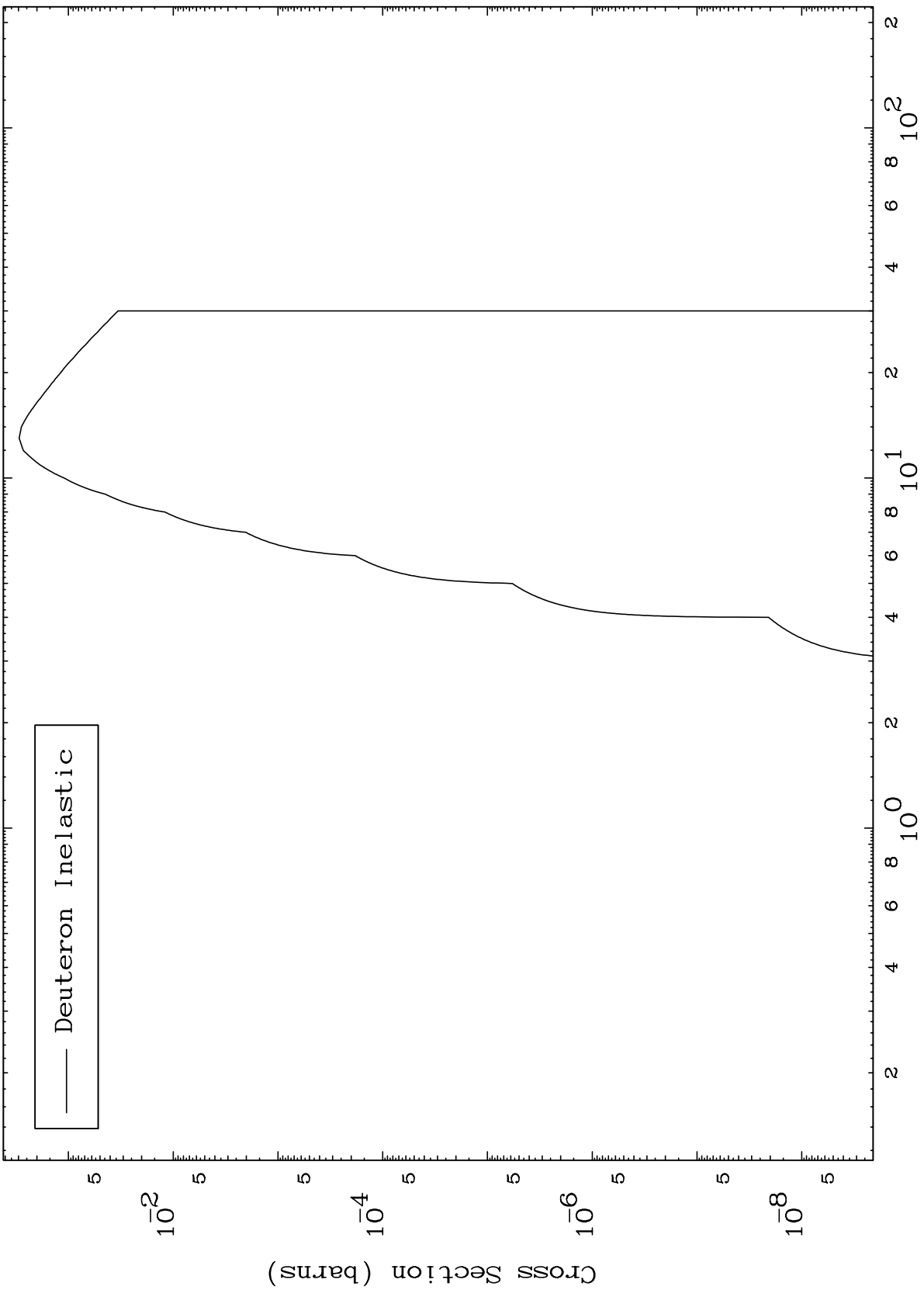


MAT 8293

(d,n') Level

83-Bi-198

0 Kelvin Cross Sections

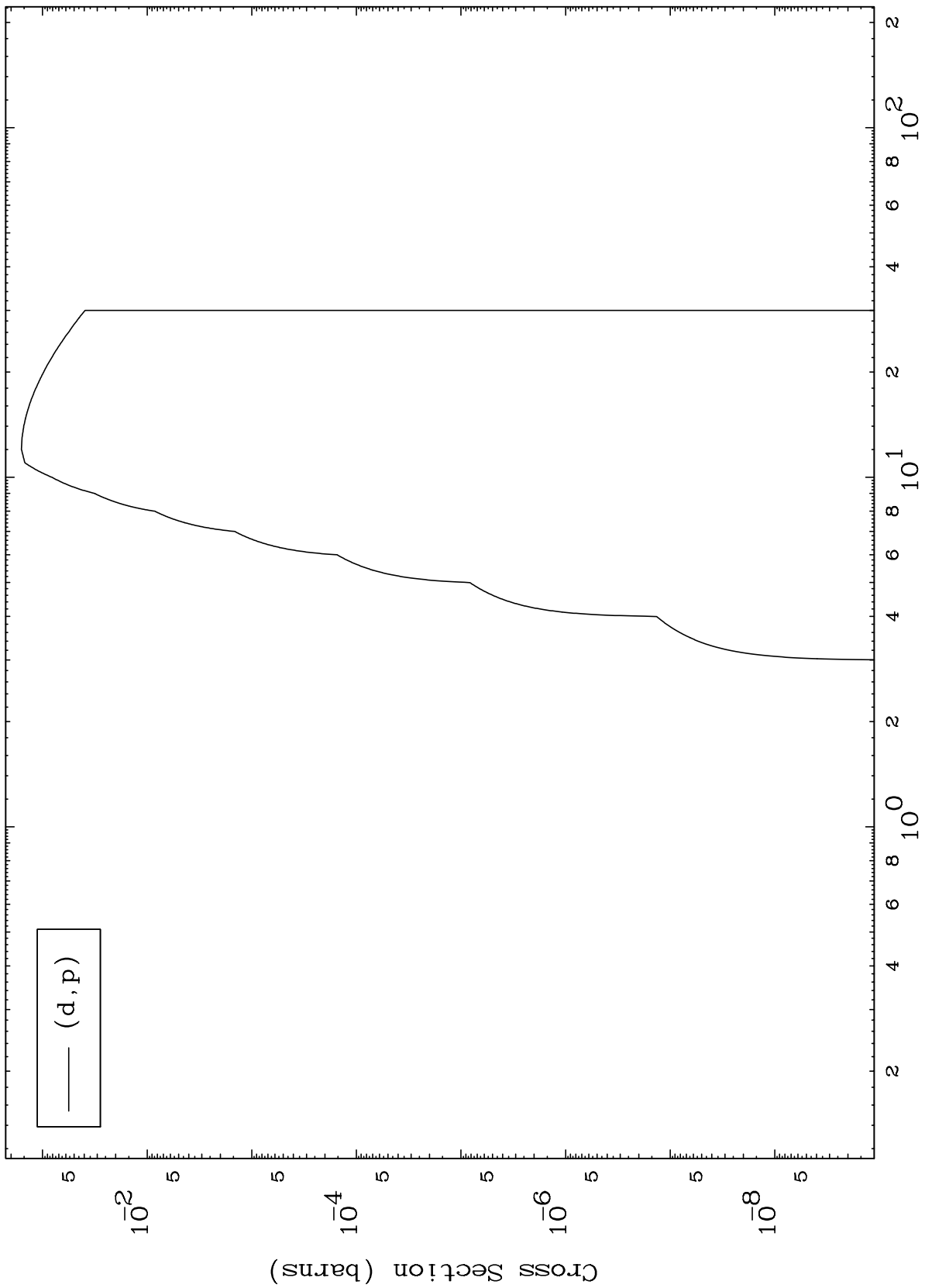


MAT 8293

(d,p) Levels

83-Bi-198

0 Kelvin Cross Sections



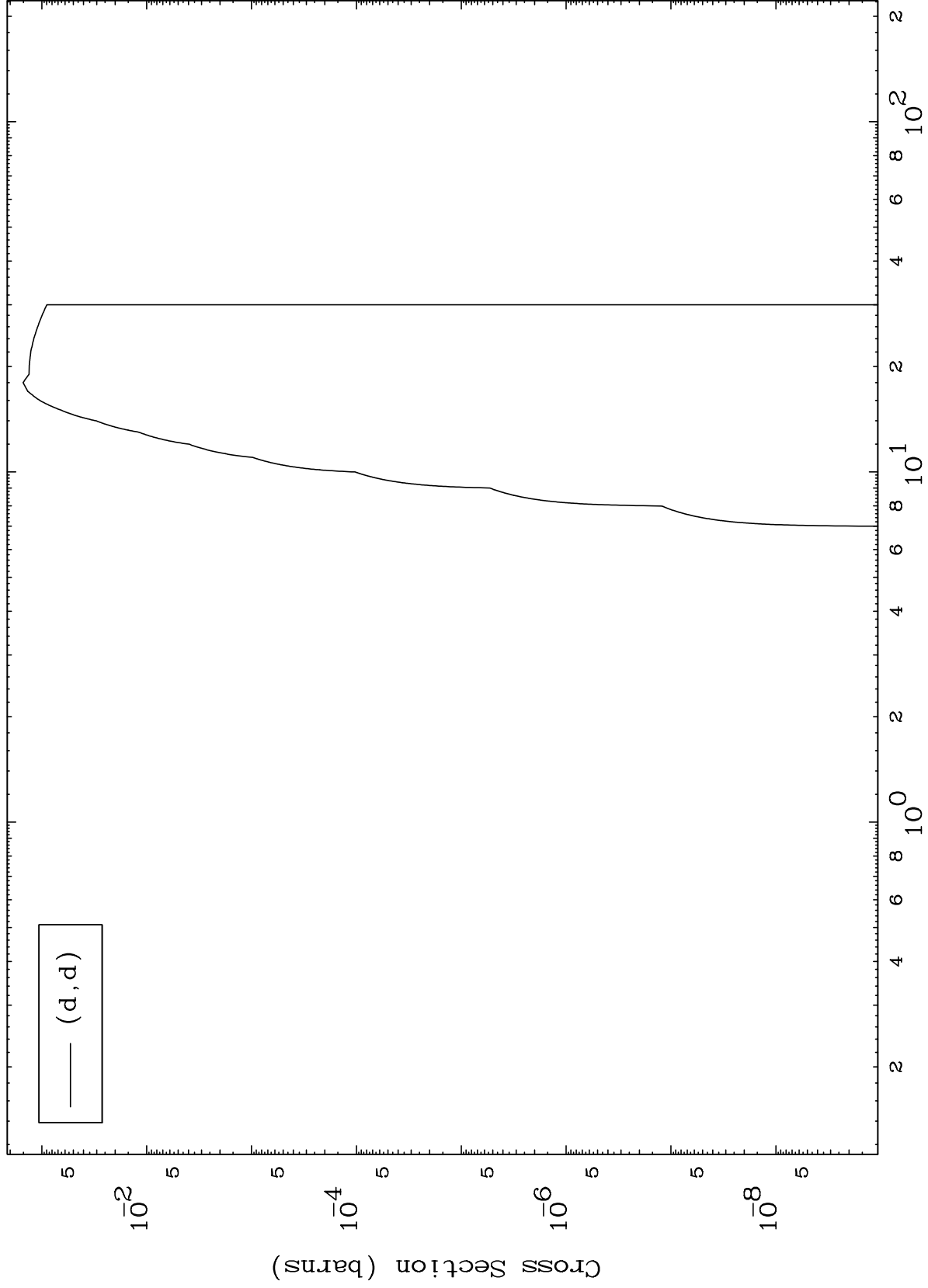


MAT 8293

(d,d) Levels

83-Bi-198

0 Kelvin Cross Sections

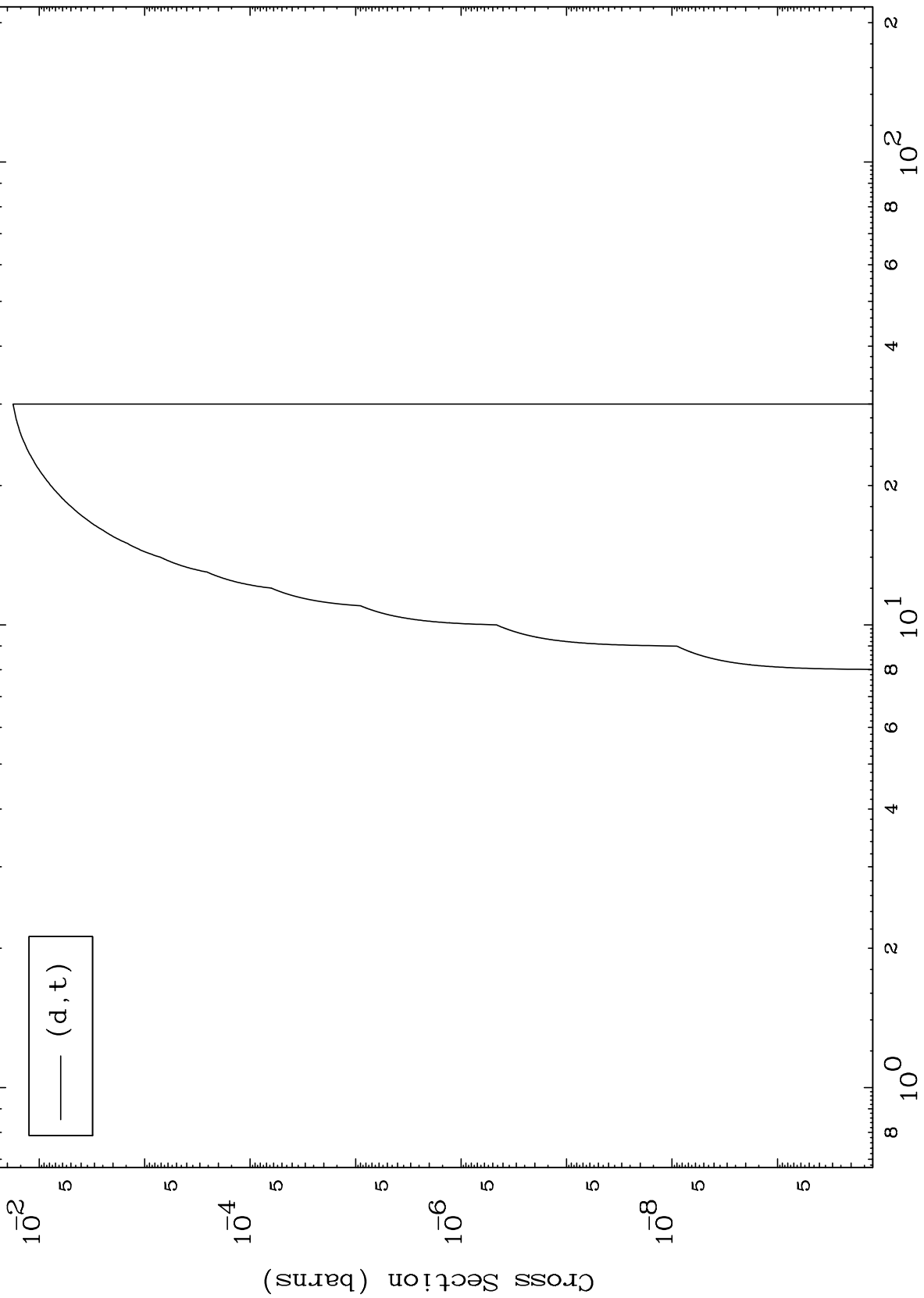


MAT 8293

(d,t) Levels

83-Bi-198

0 Kelvin Cross Sections



9

Incident Energy (MeV)

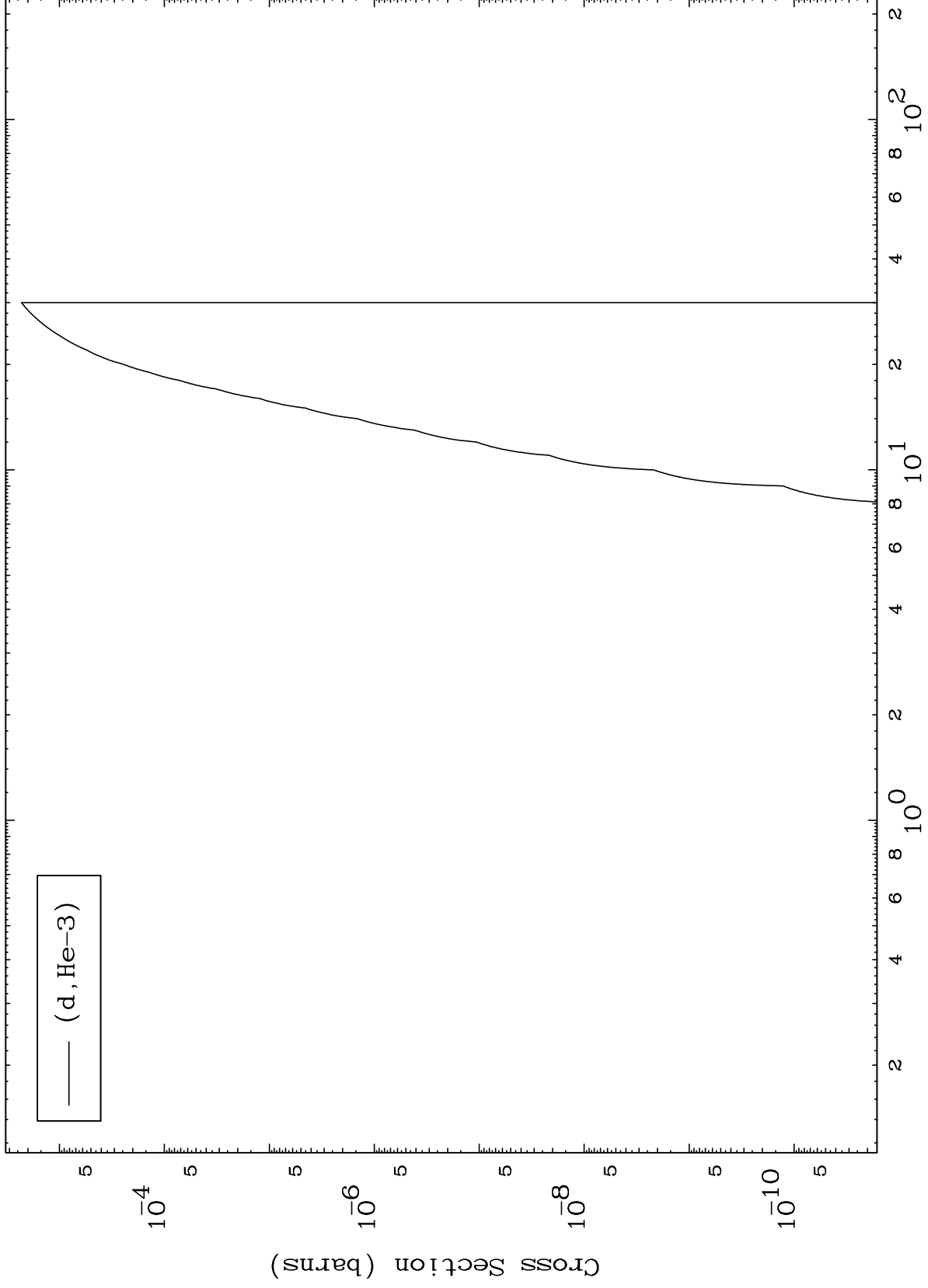
83-Bi-198

MAT 8293

(d,He3) Levels

83-Bi-198

0 Kelvin Cross Sections



10

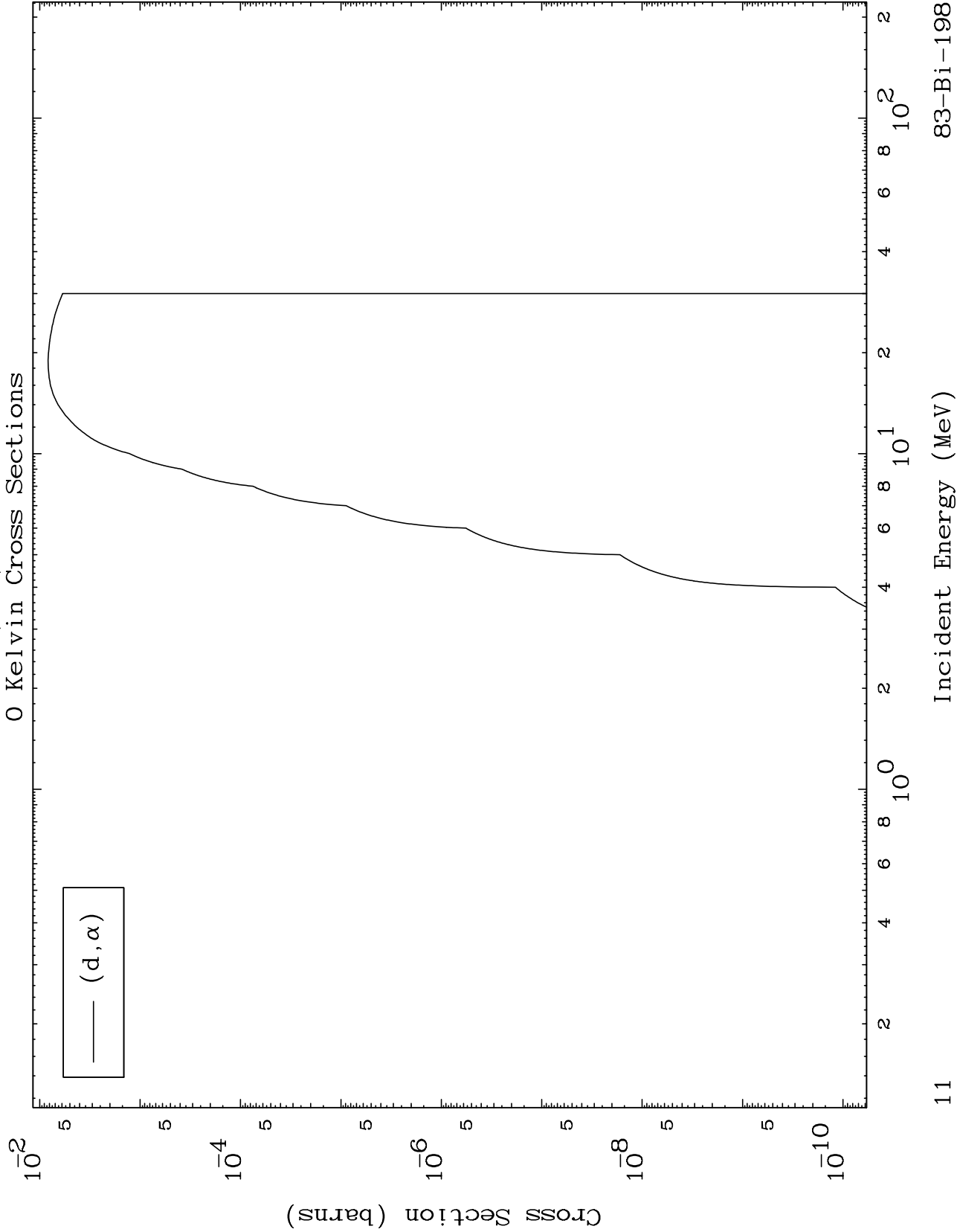
Incident Energy (MeV)

83-Bi-198

MAT 8293

(d,  $\alpha$ ) Levels

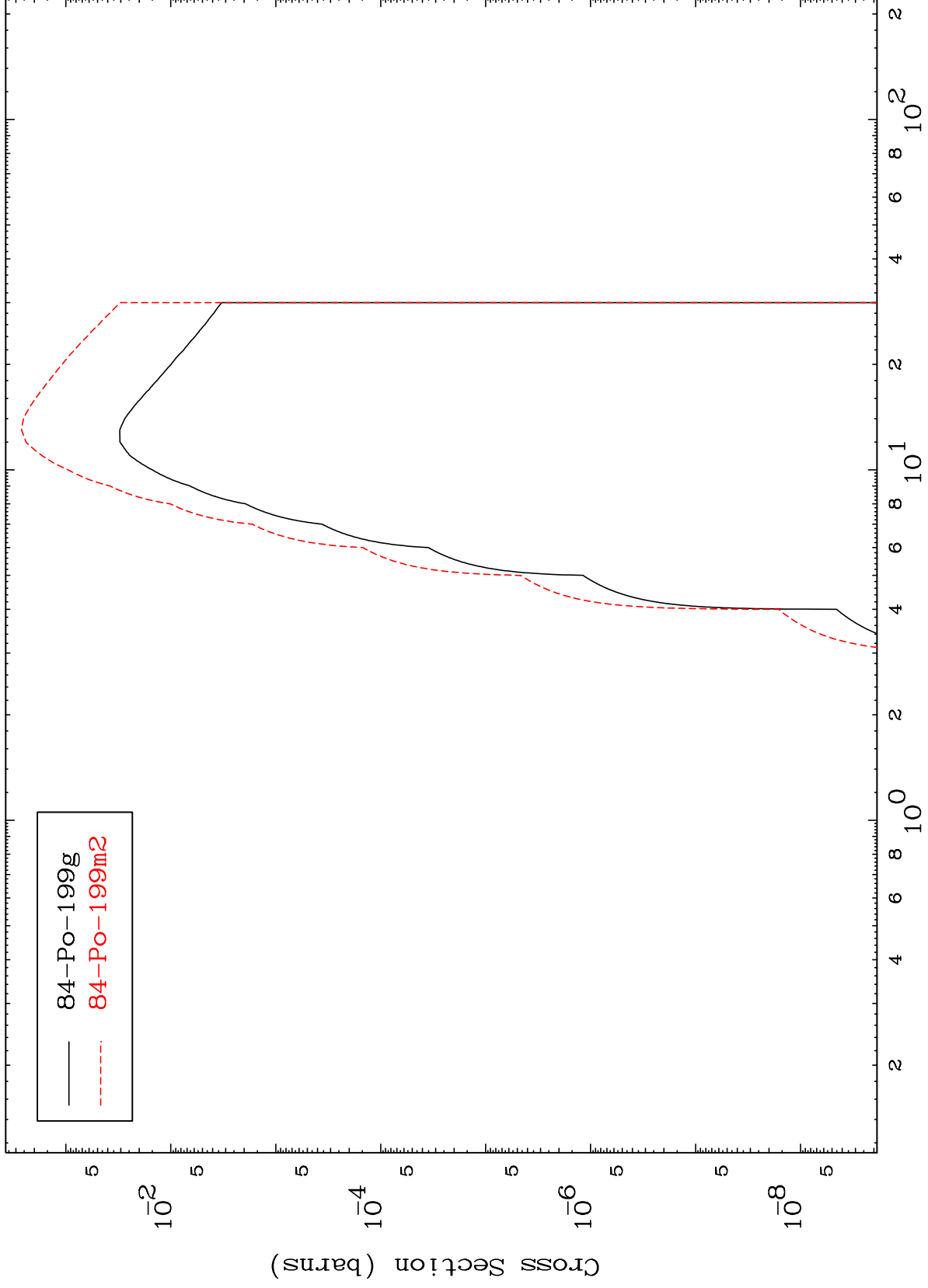
83-Bi-198



MAT 8293

Deuteron Inelastic  
Radionuclide Production Cross Section

83-Bi-198



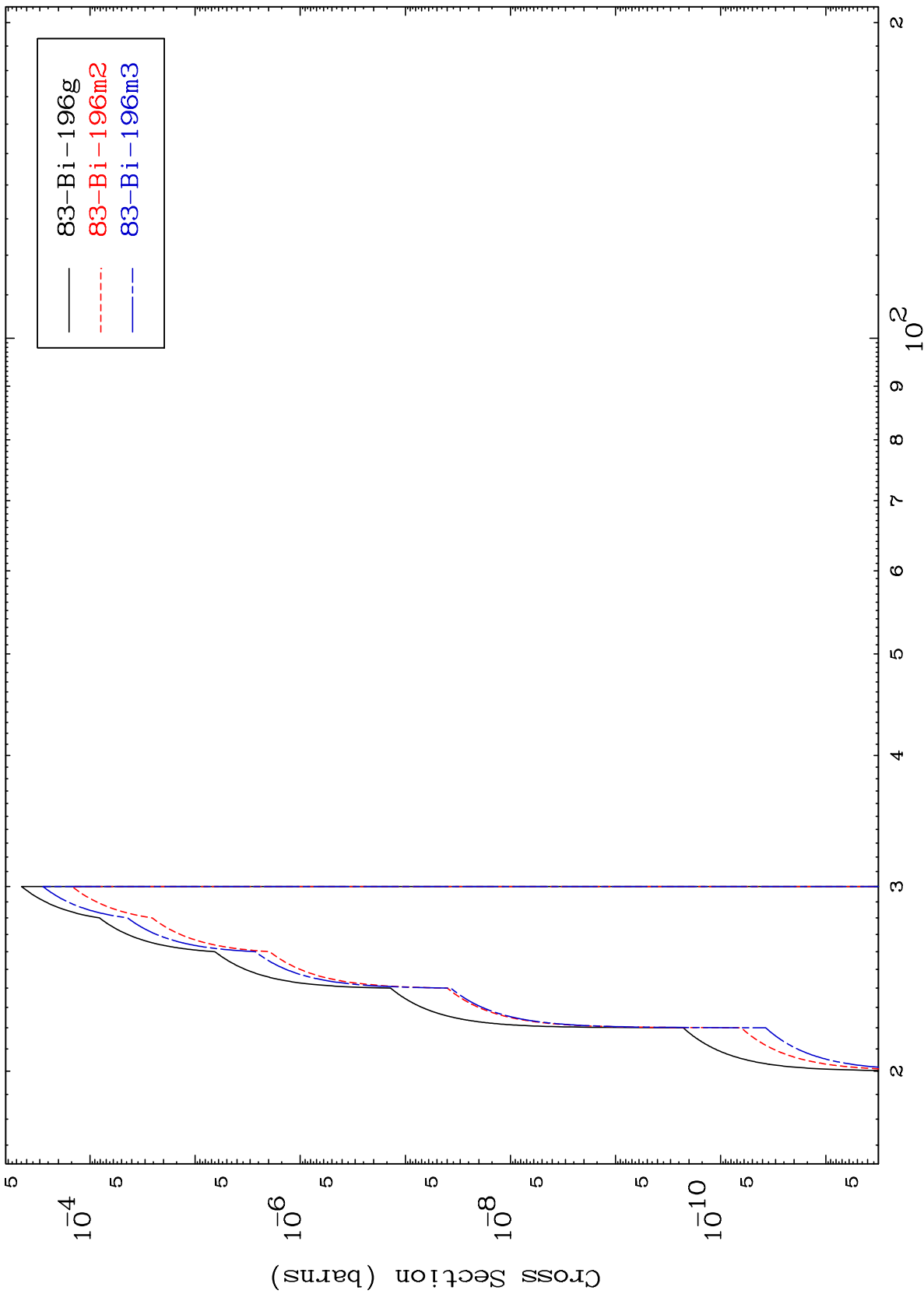
84-Po-199g  
84-Po-199m2

MAT 8293

(d,2n) d

83-Bi-198

Radionuclide Production Cross Section



13

Incident Energy (MeV)

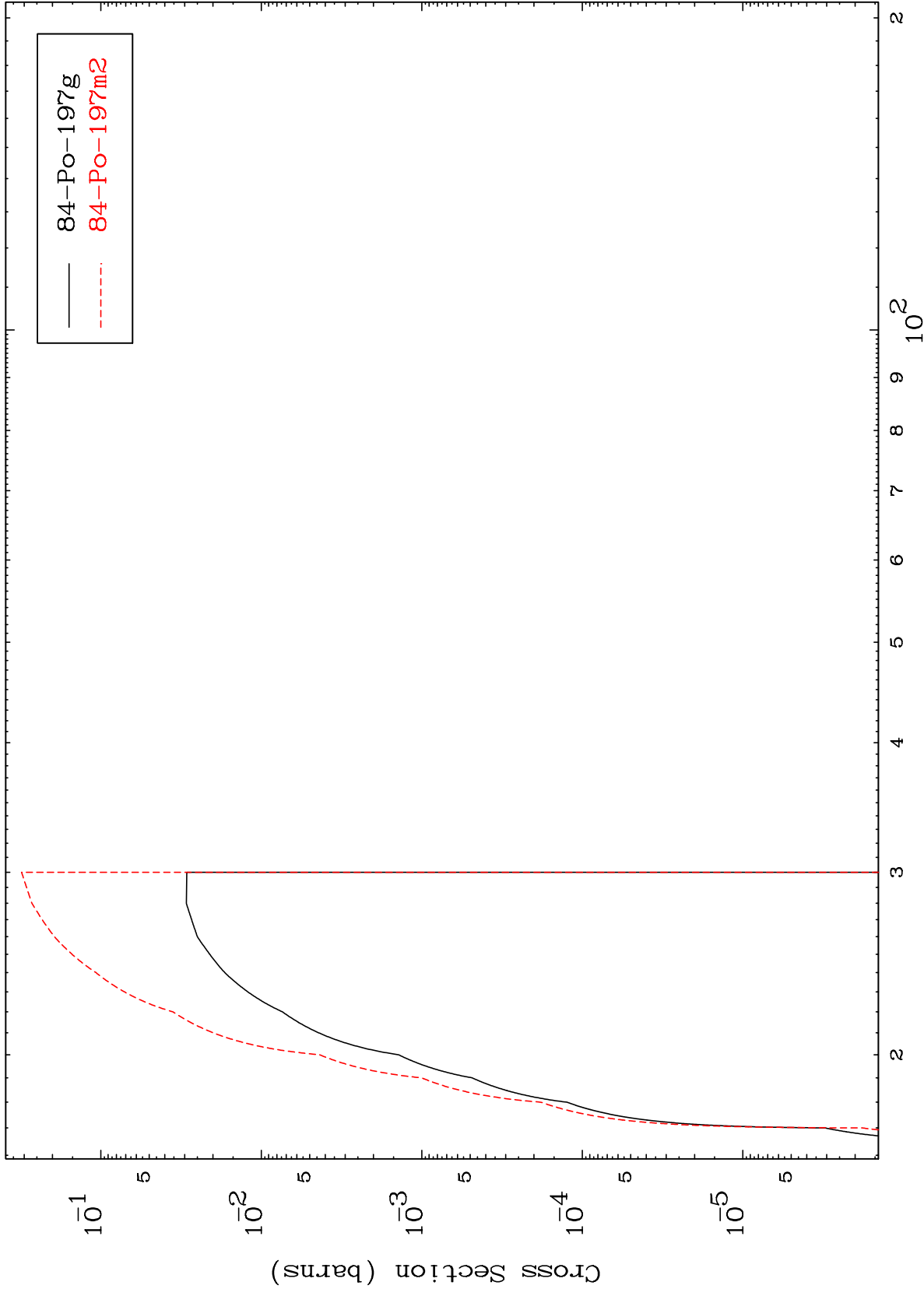
83-Bi-198

MAT 8293

(d,3n)

83-Bi-198

Radionuclide Production Cross Section



14

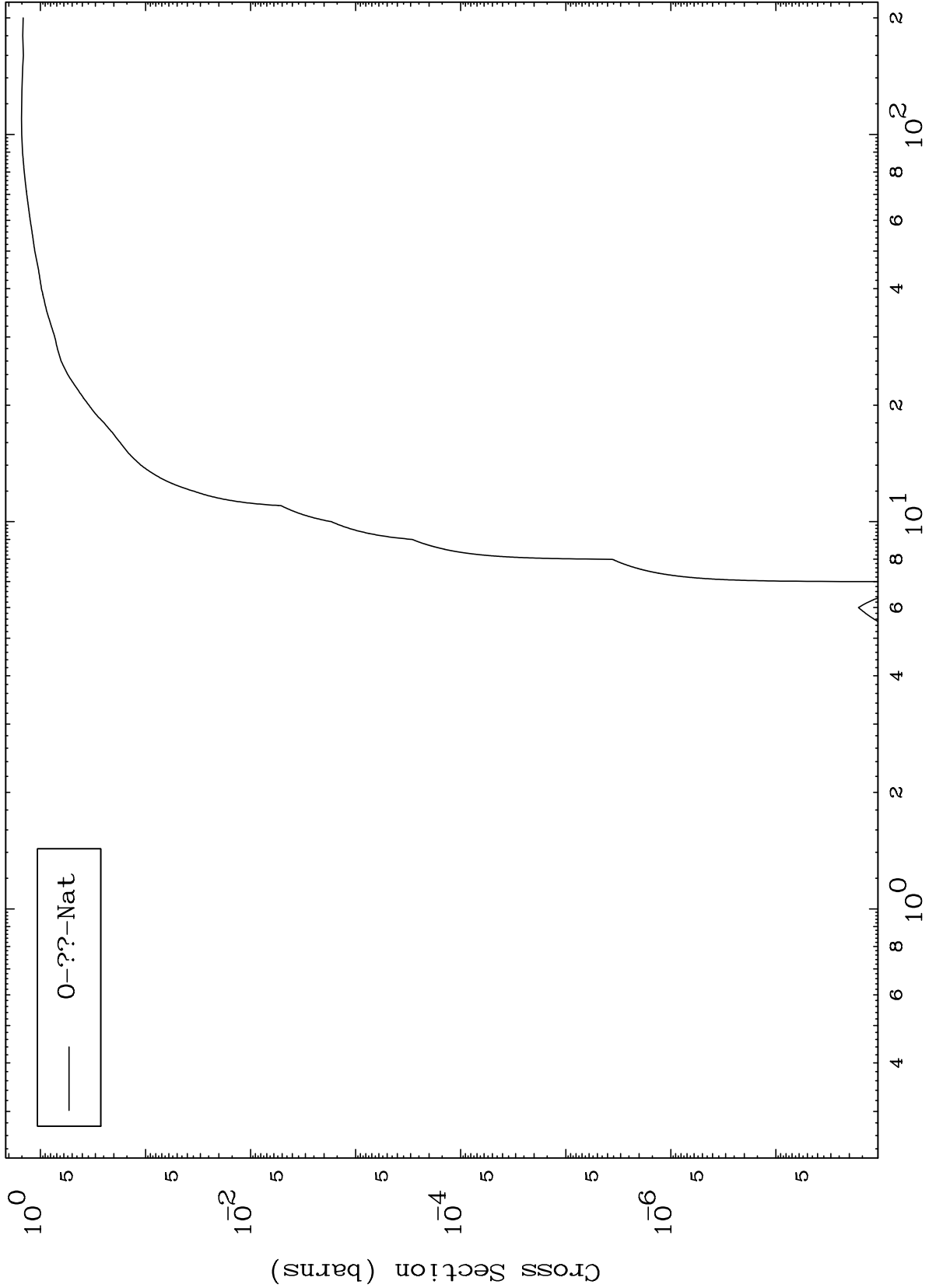
Incident Energy (MeV)

83-Bi-198

MAT 8293

83-Bi-198

Deuteron Fission  
Radionuclide Production Cross Section

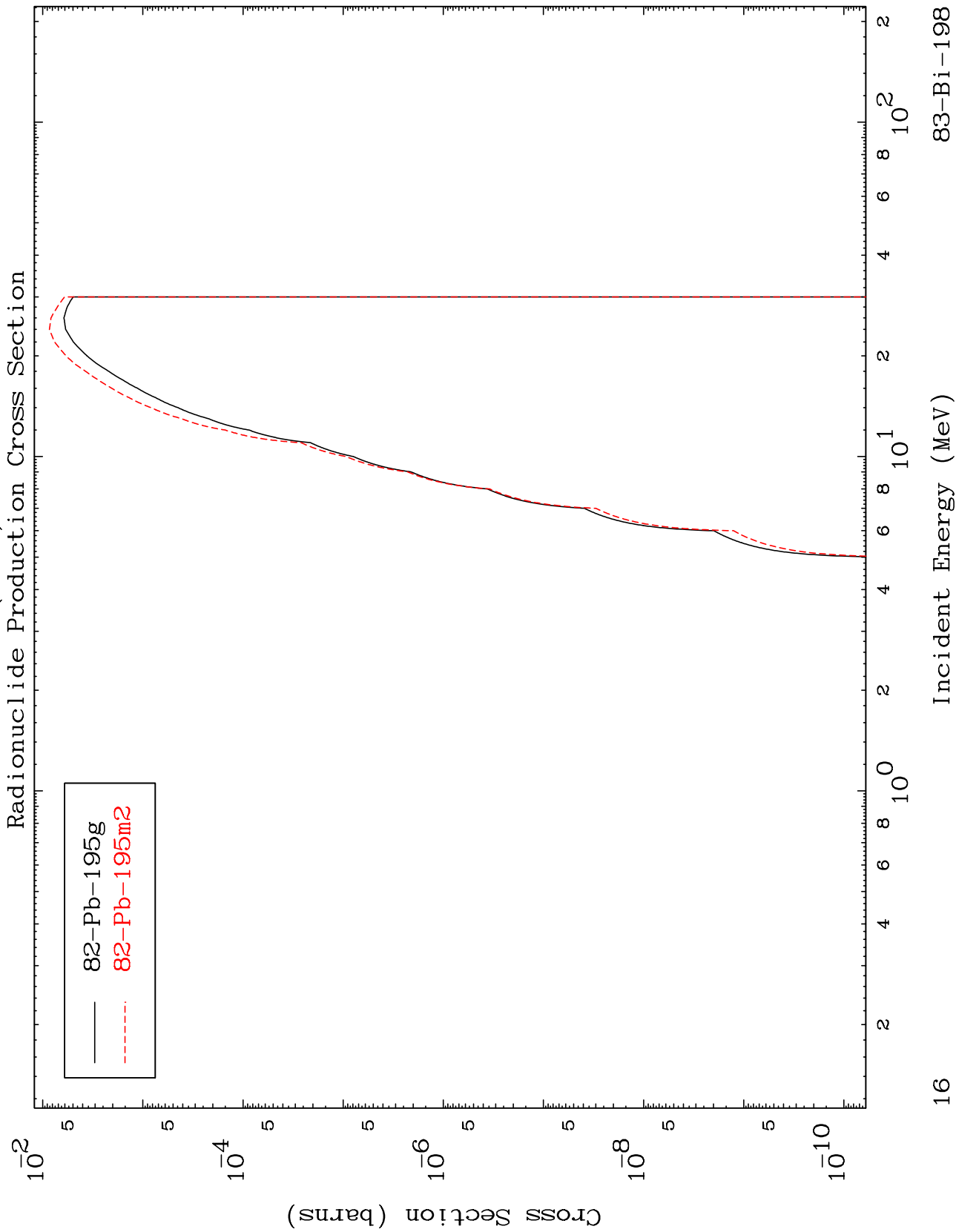




MAT 8293

(d,n')  $\alpha$

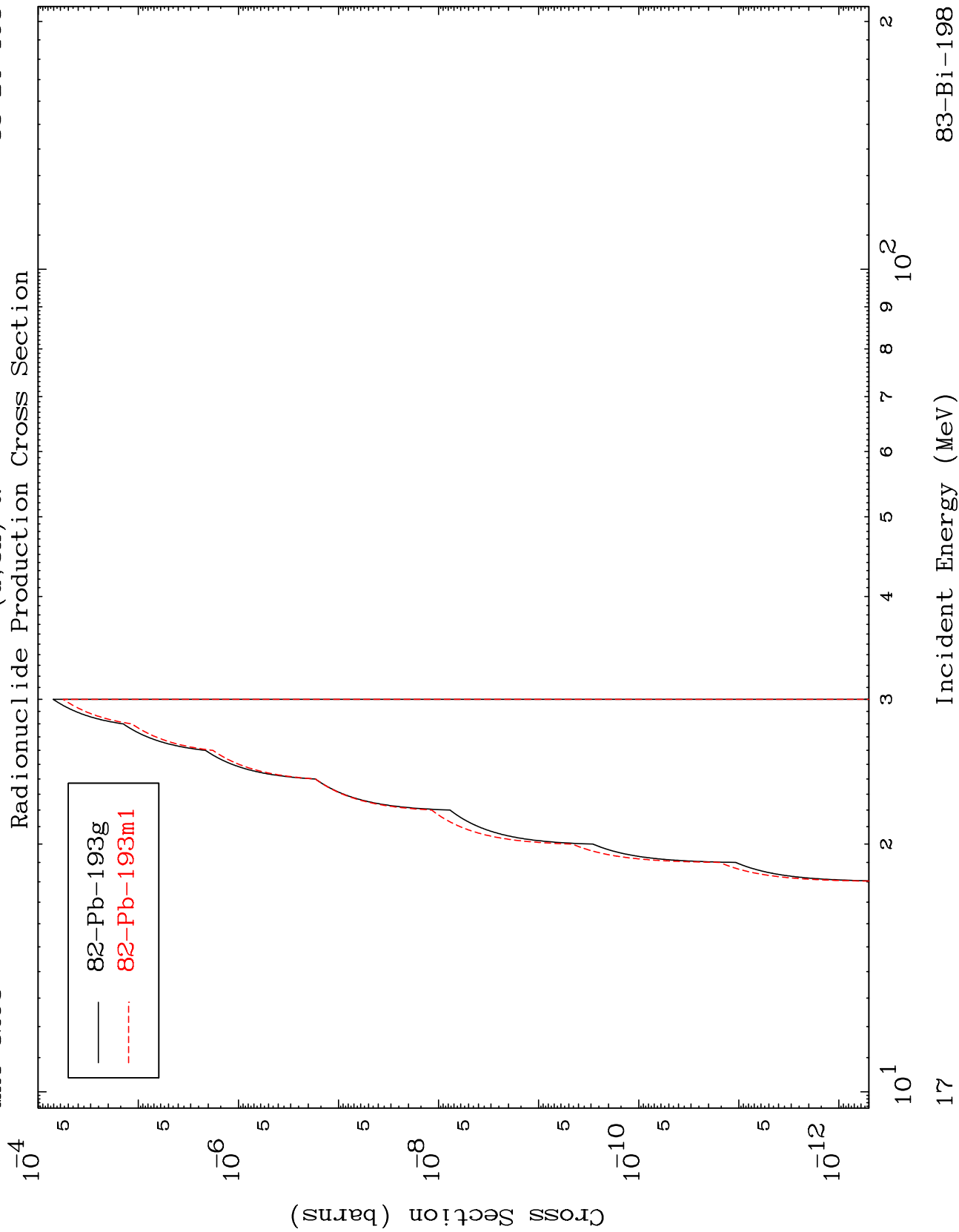
83-Bi-198



MAT 8293

(d,3n)  $\alpha$

83-Bi-198



17

Incident Energy (MeV)

83-Bi-198

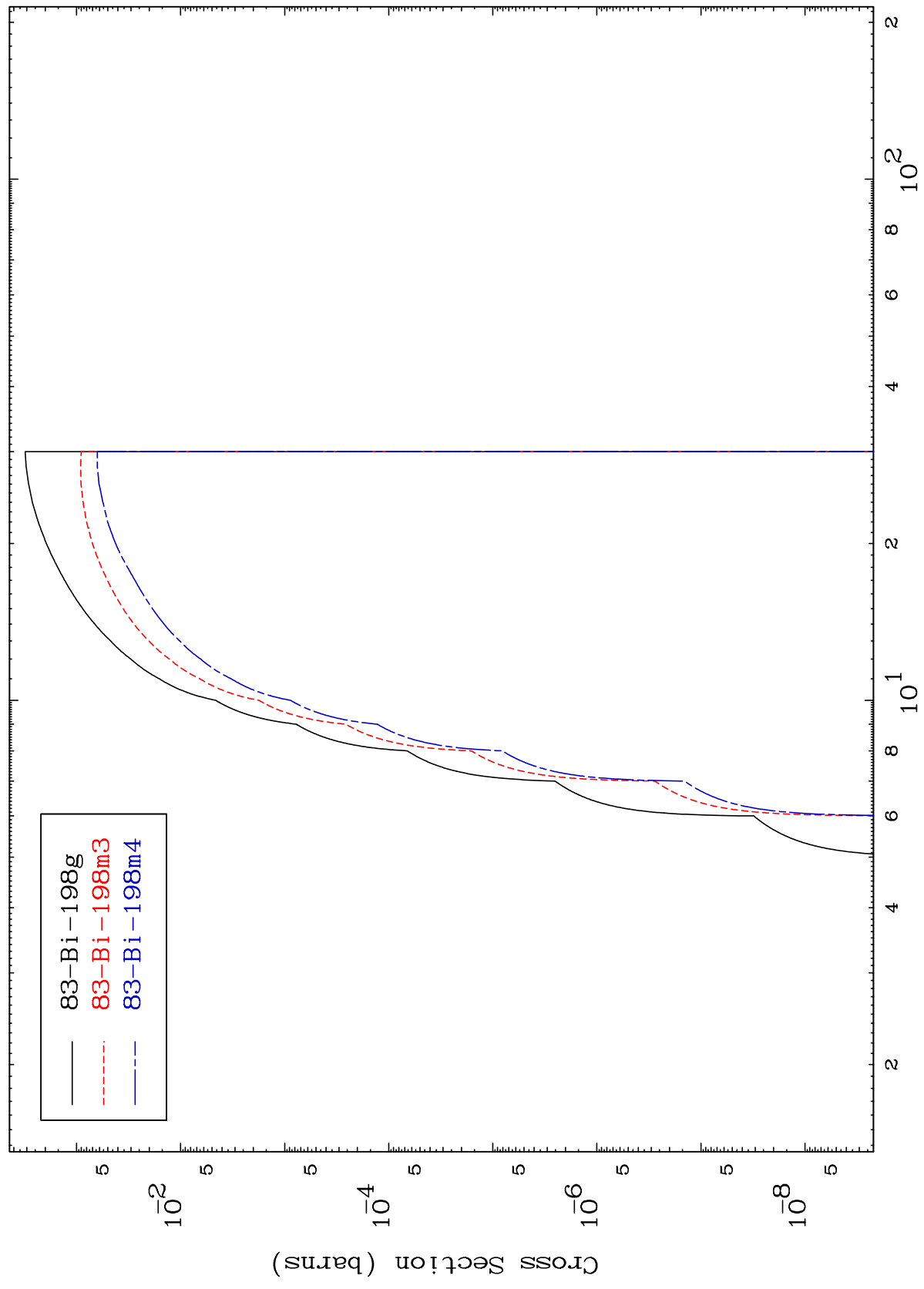
MAT 8293

83-Bi-198

83-Bi-198

Incident Energy (MeV)

Radionuclide Production Cross Section (d,n') p

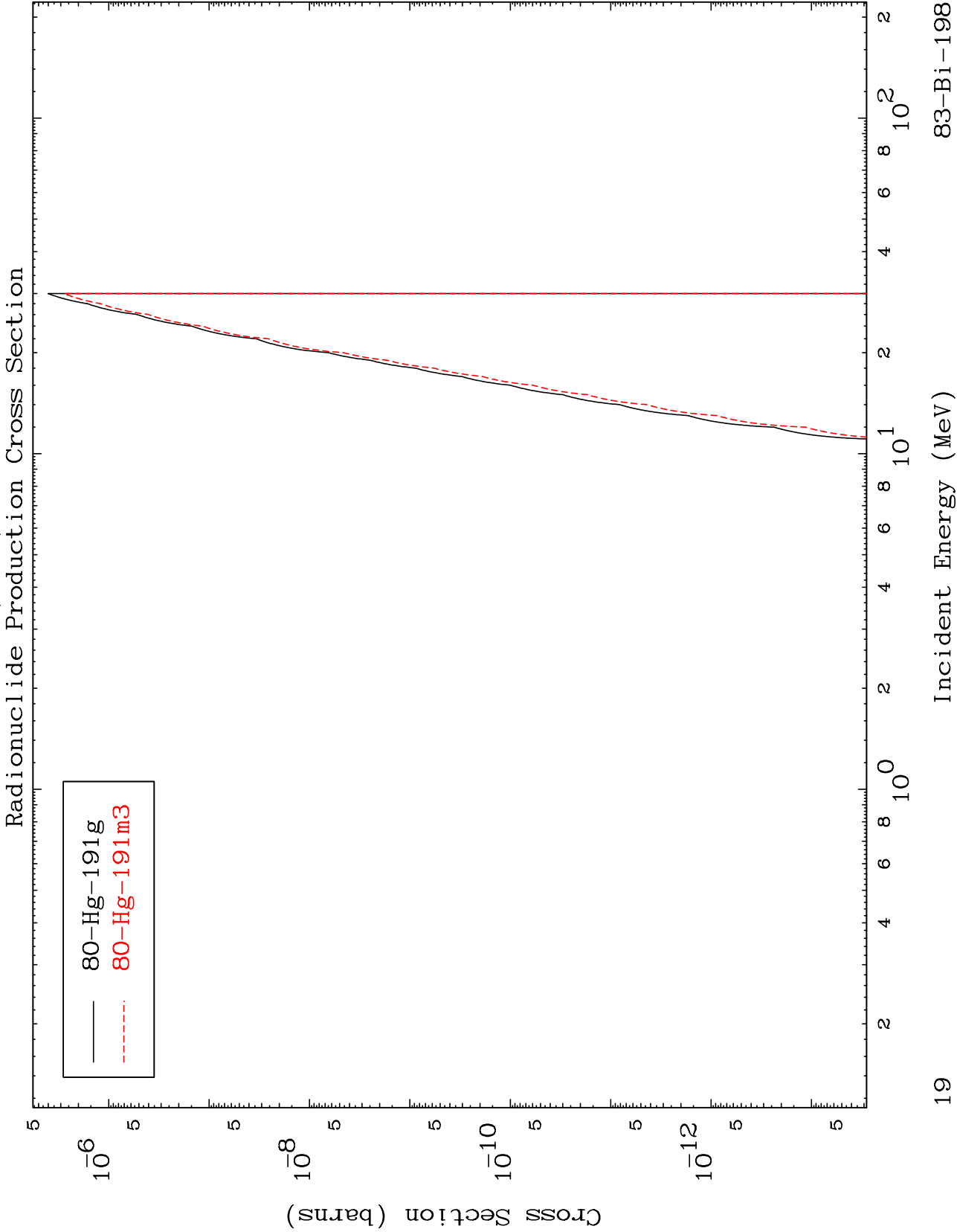


18

MAT 8293

(d,n') 2α

83-Bi-198

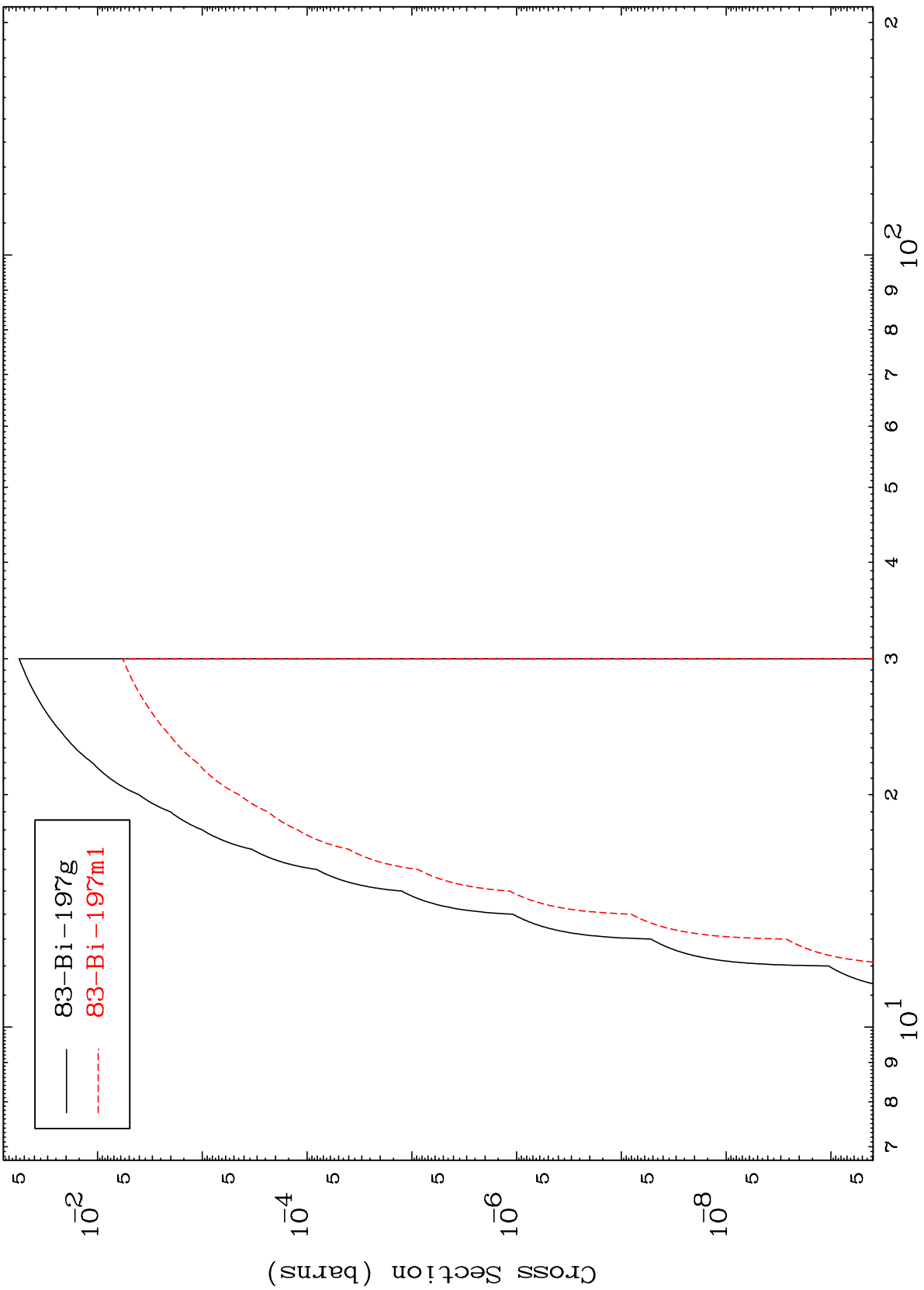


MAT 8293

(d,n') d

83-Bi-198

Radionuclide Production Cross Section



20

Incident Energy (MeV)

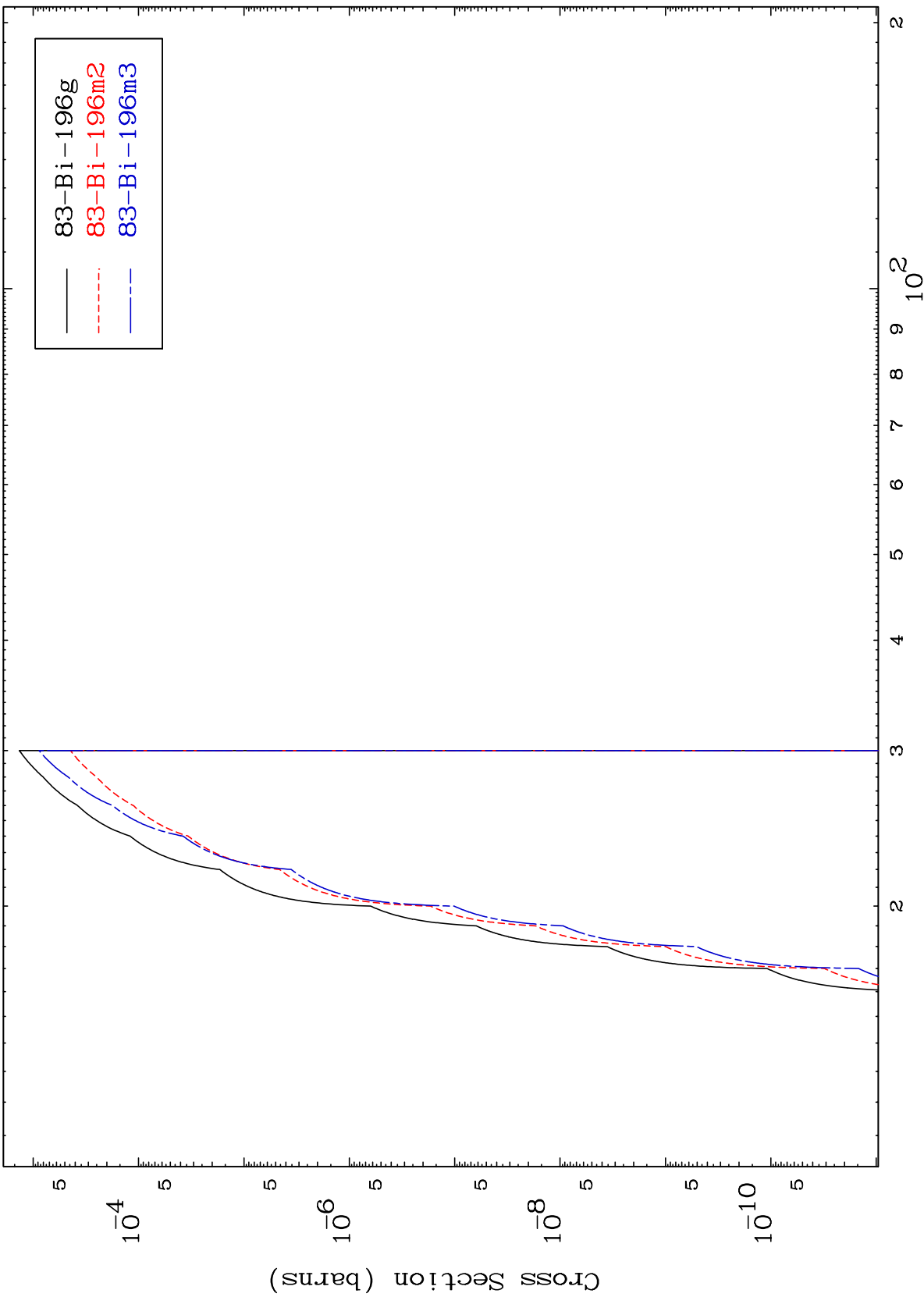
83-Bi-198

MAT 8293

(d,n') t

83-Bi-198

Radionuclide Production Cross Section

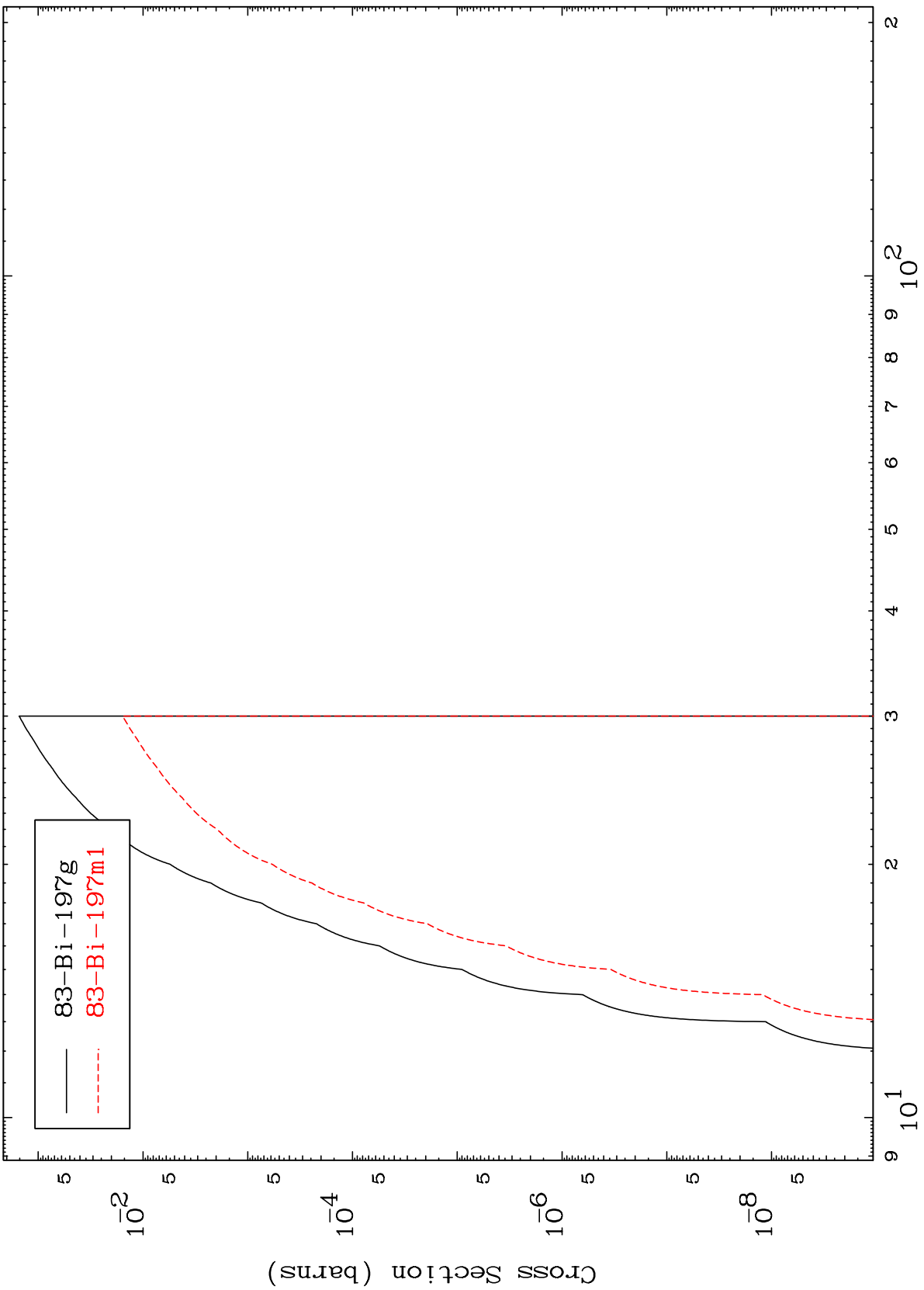


MAT 8293

(d,2n) p

83-Bi-198

Radionuclide Production Cross Section



83-Bi-197g  
83-Bi-197m1

22

Incident Energy (MeV)

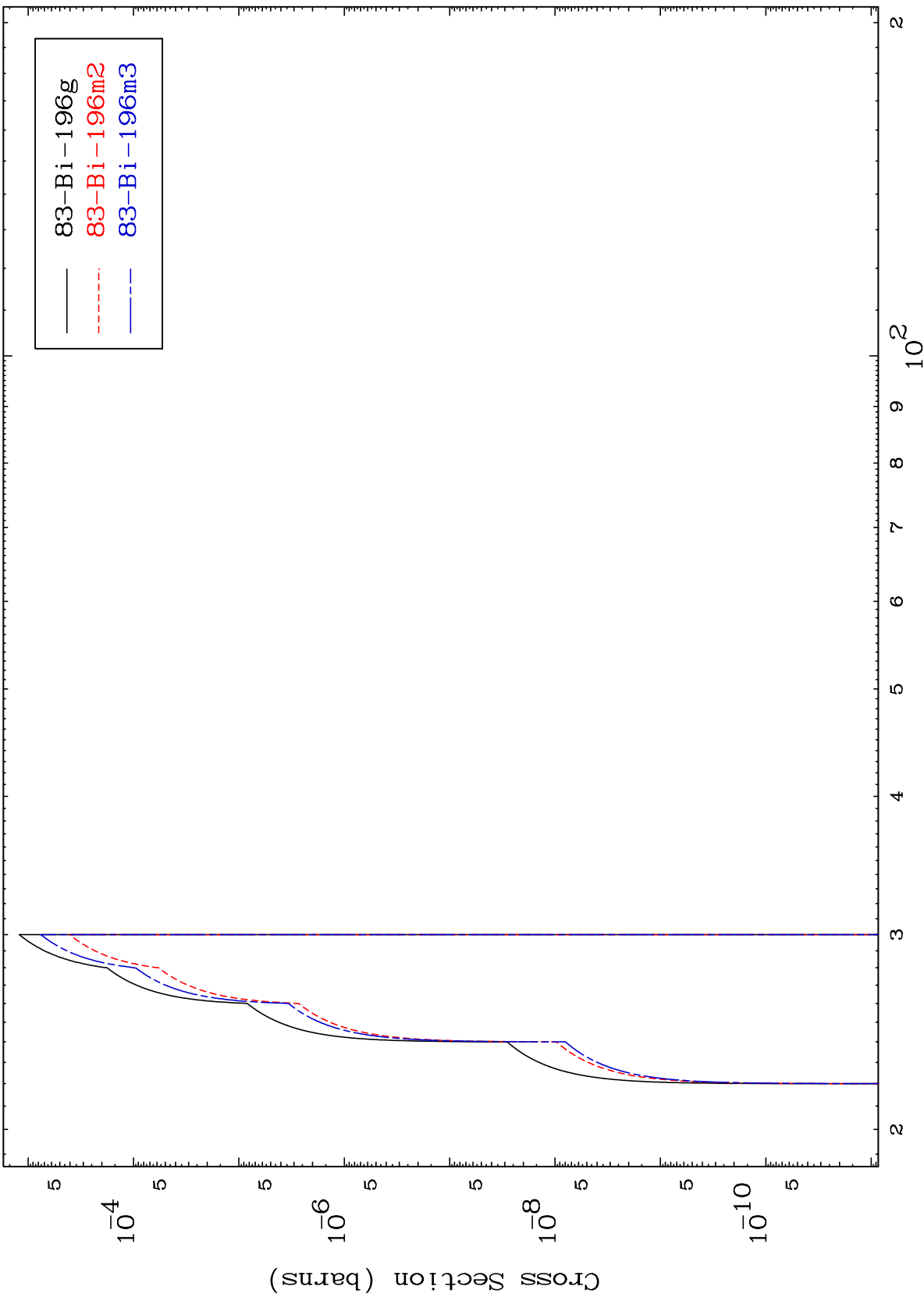
83-Bi-198

MAT 8293

(d,3n) p

83-Bi-198

Radionuclide Production Cross Section



23

Incident Energy (MeV)

83-Bi-198

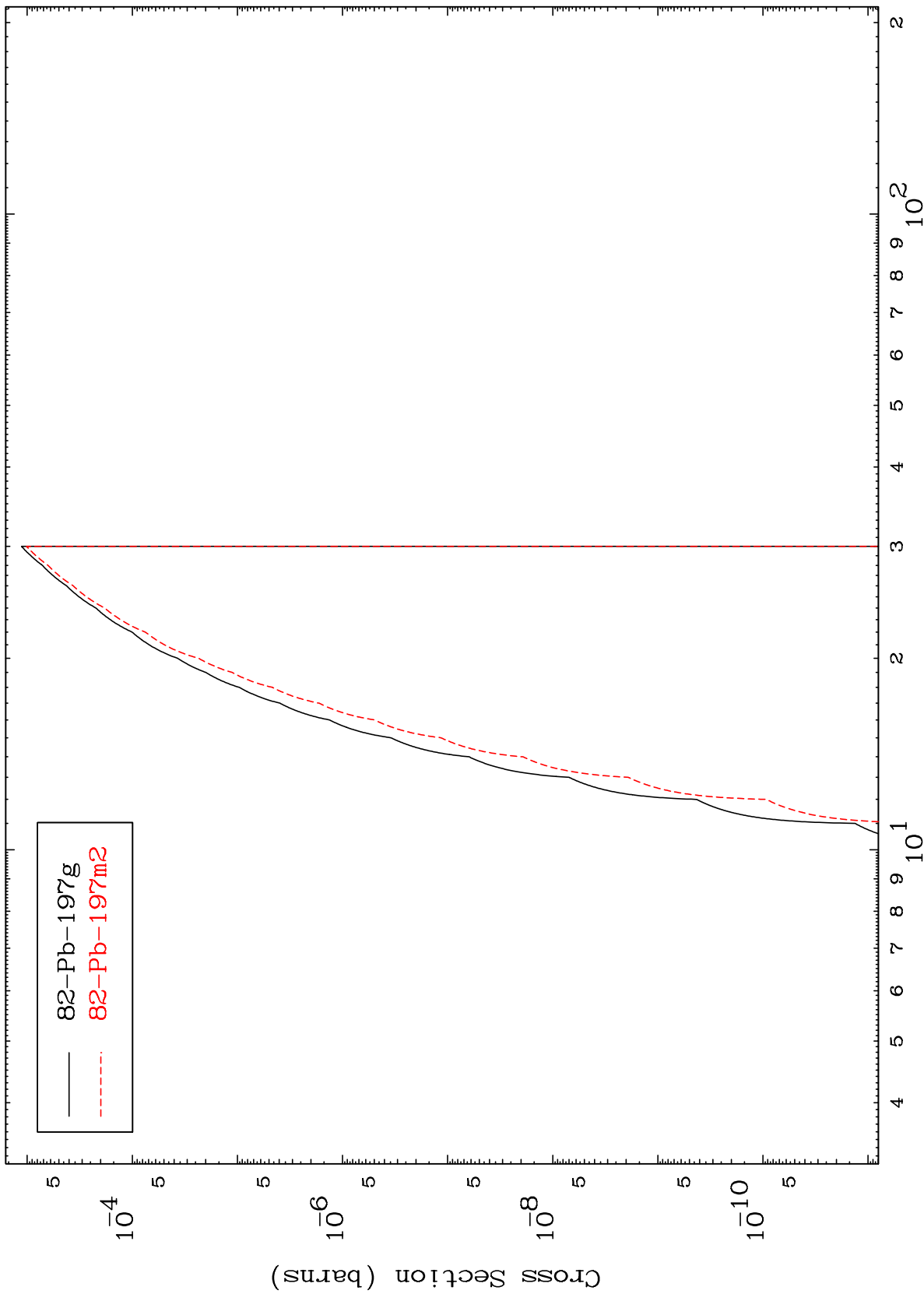


MAT 8293

(d,2n) p

83-Bi-198

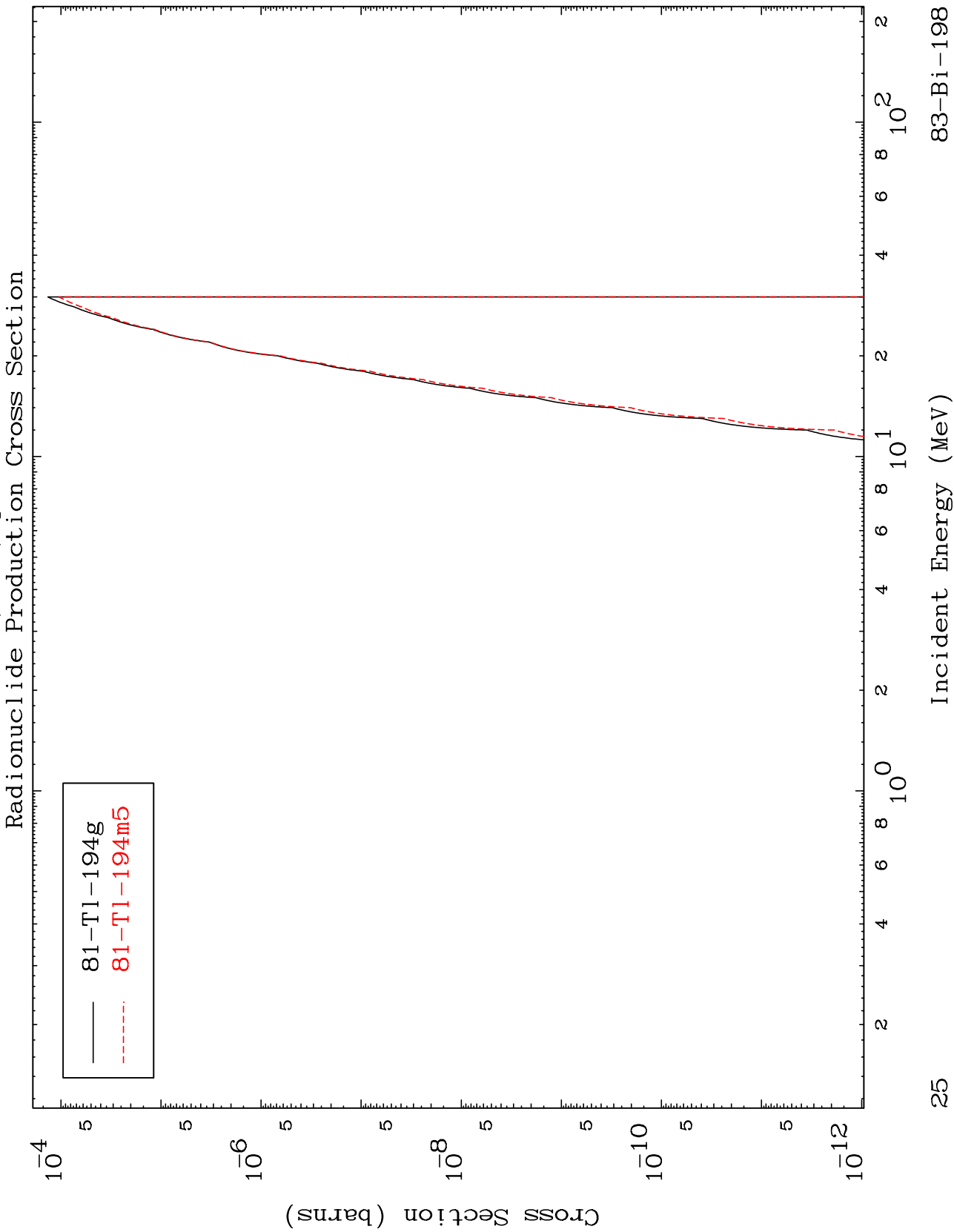
Radionuclide Production Cross Section



MAT 8293

(d,n') p  $\alpha$

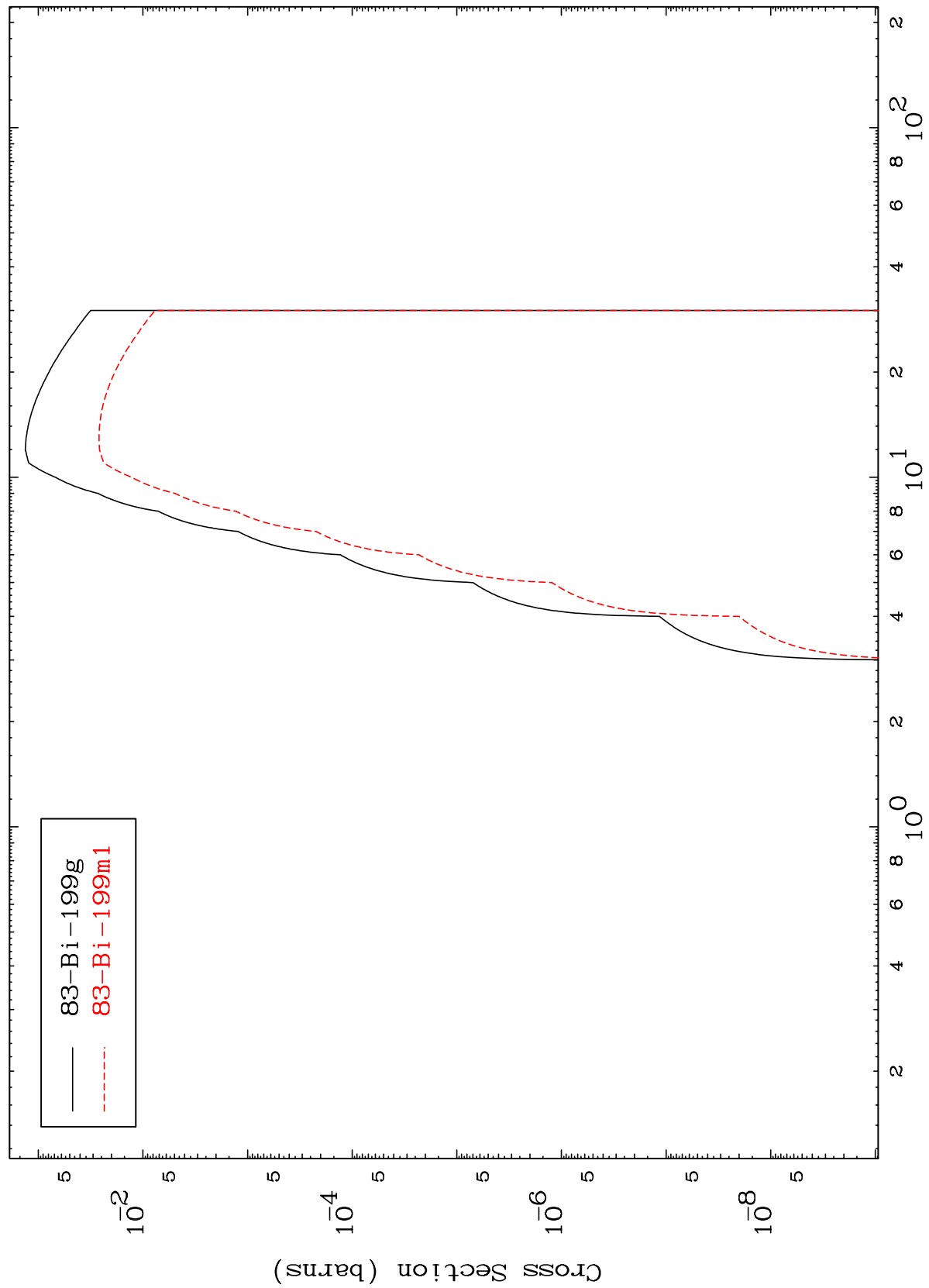
83-Bi-198



MAT 8293

83-Bi-198

(d,p)  
Radionuclide Production Cross Section



— 83-Bi-199g  
- - - 83-Bi-199m1

26

83-Bi-198

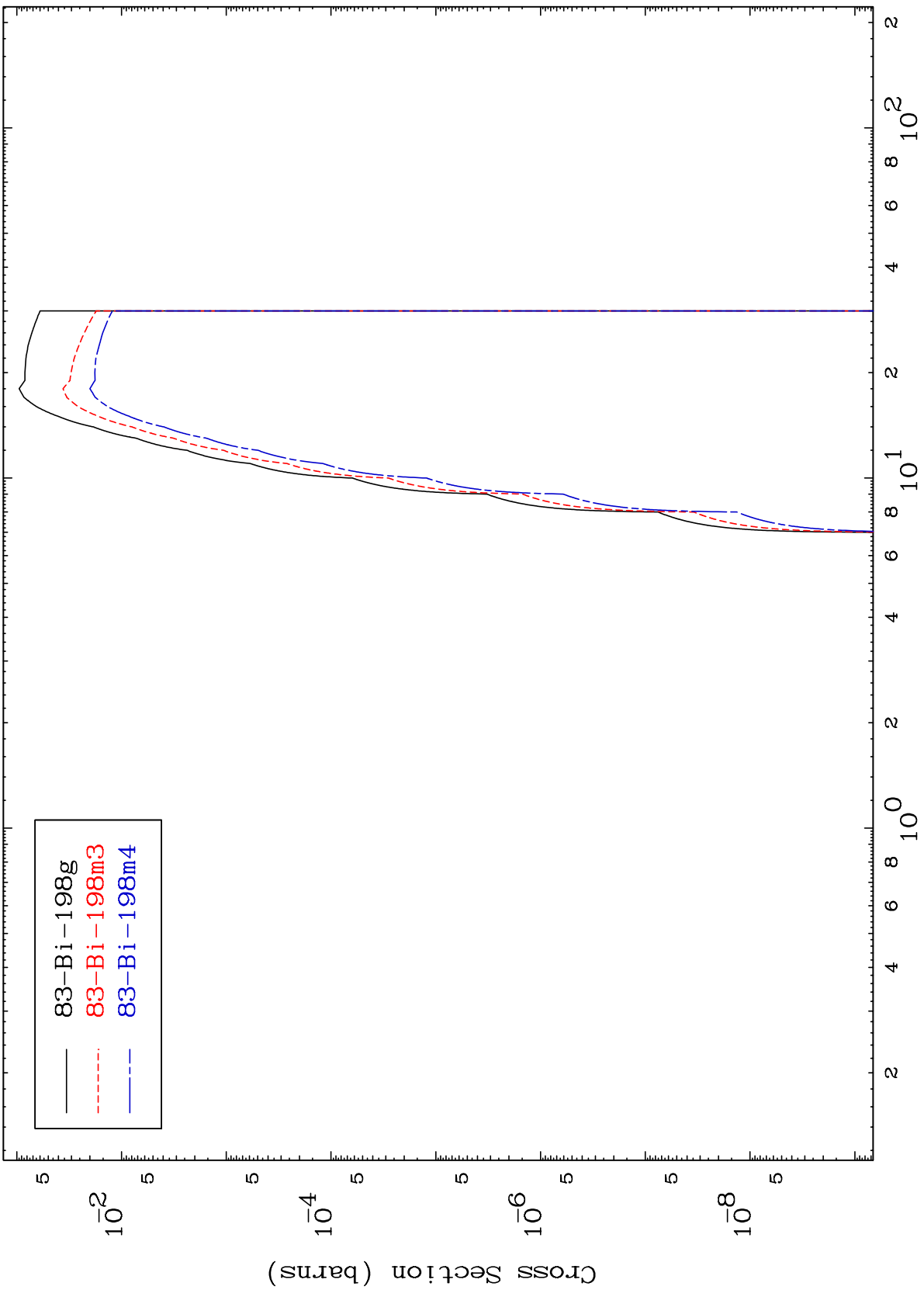
Incident Energy (MeV)

MAT 8293

(d,d)

83-Bi-198

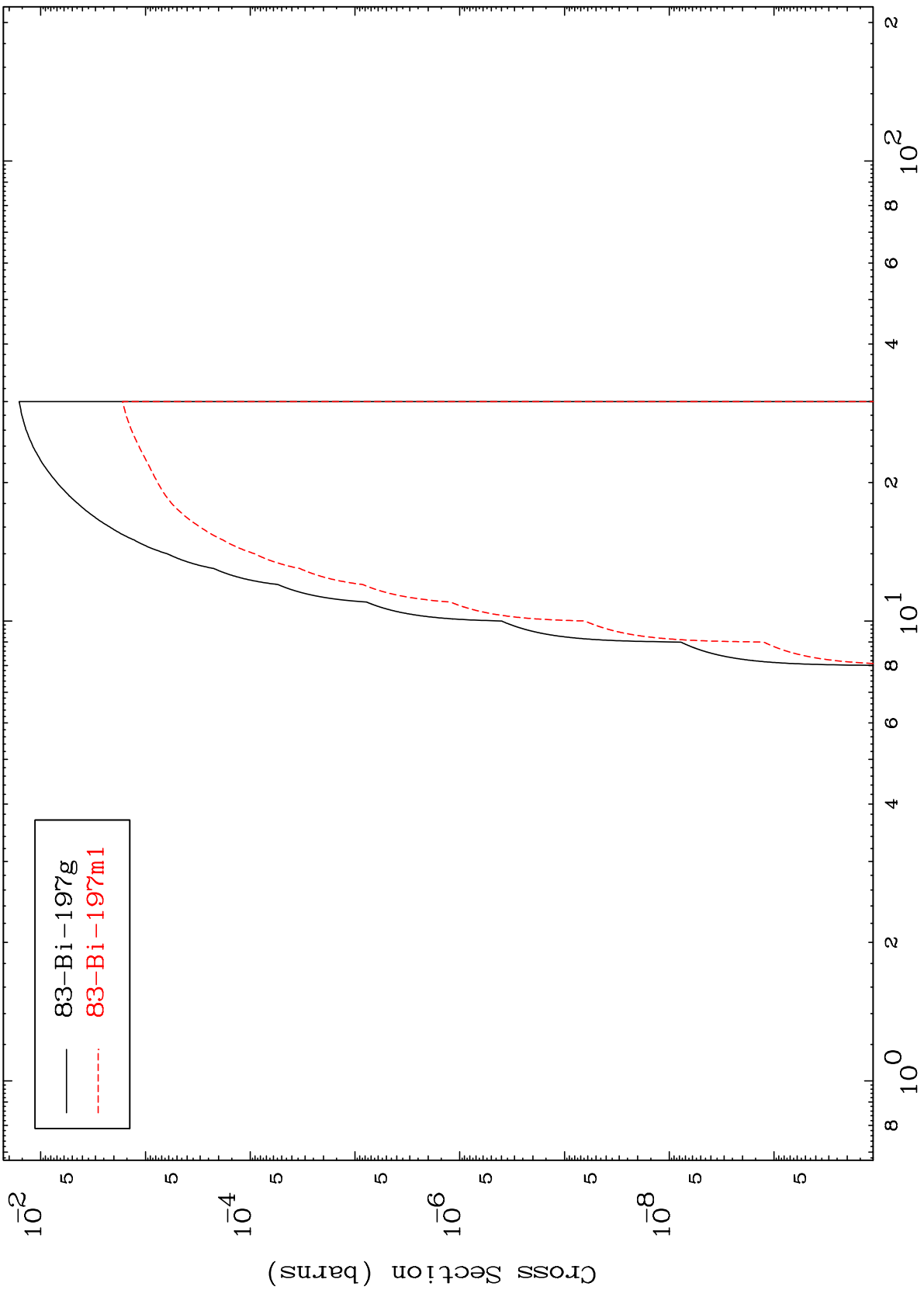
Radionuclide Production Cross Section



MAT 8293

83-Bi-198

(d, t)  
Radionuclide Production Cross Section



28

Incident Energy (MeV)

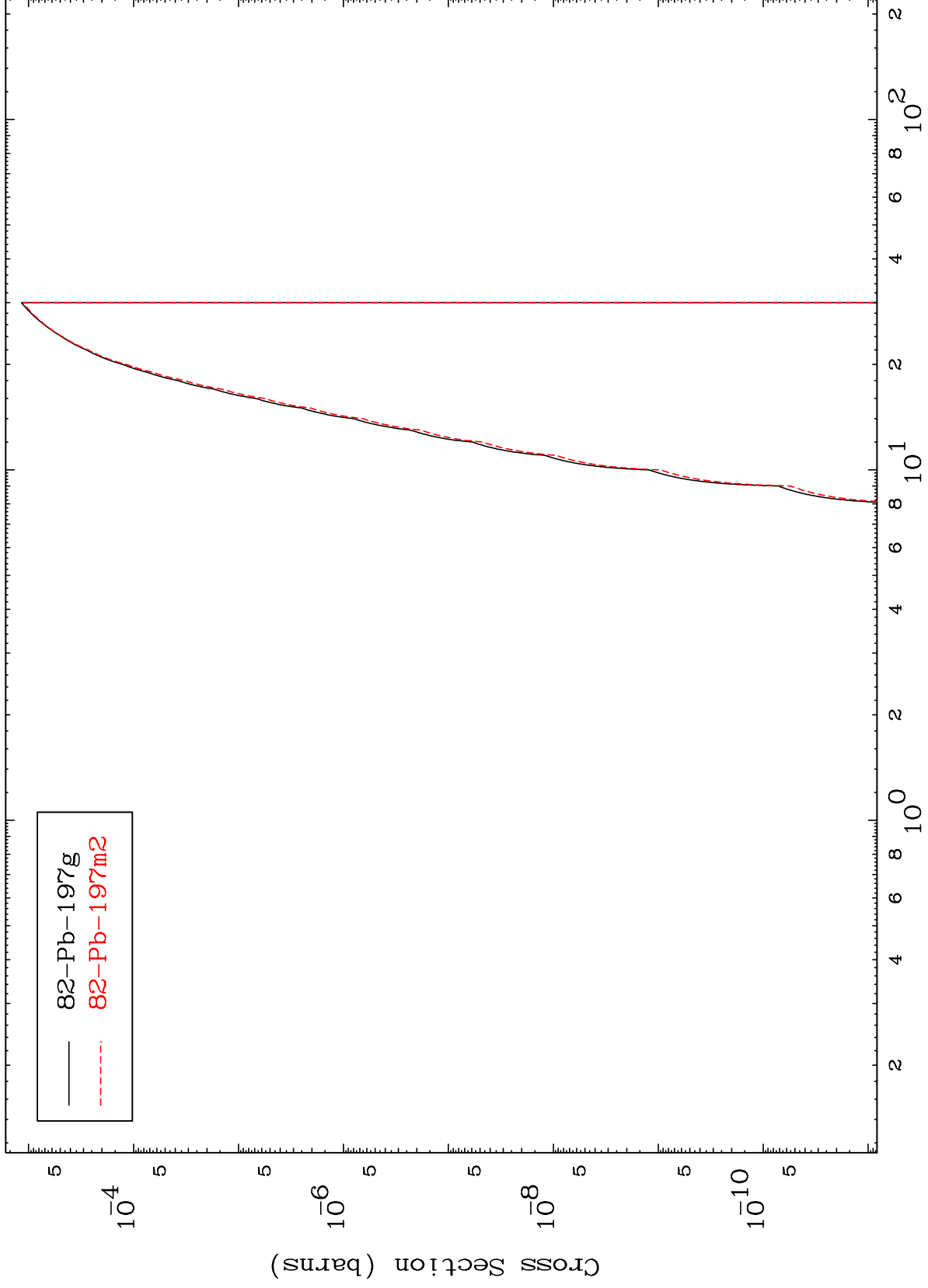
83-Bi-198

MAT 8293

(d,He-3)

83-Bi-198

Radionuclide Production Cross Section

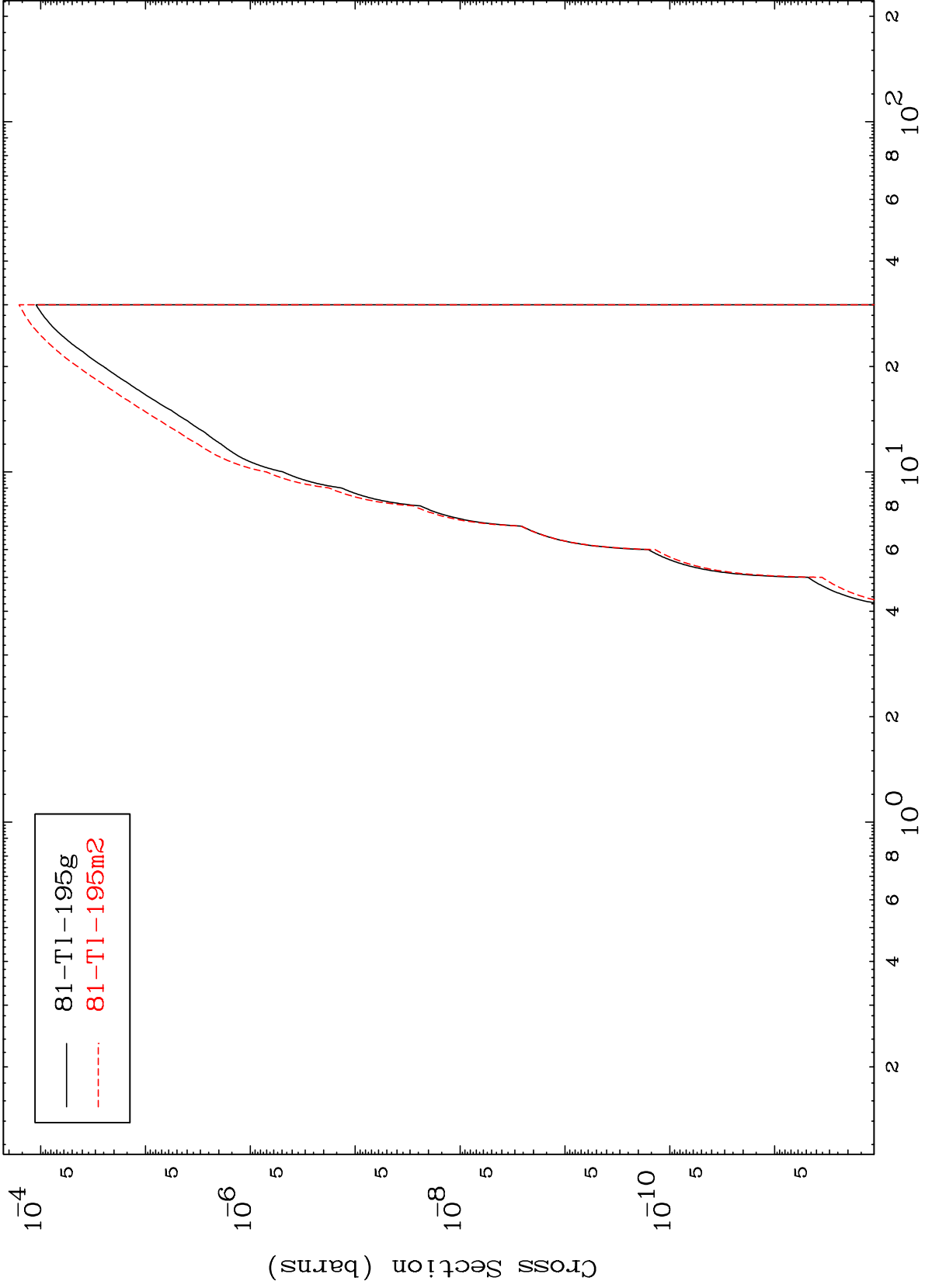


MAT 8293

(d,p)  $\alpha$

83-Bi-198

Radionuclide Production Cross Section



30

Incident Energy (MeV)

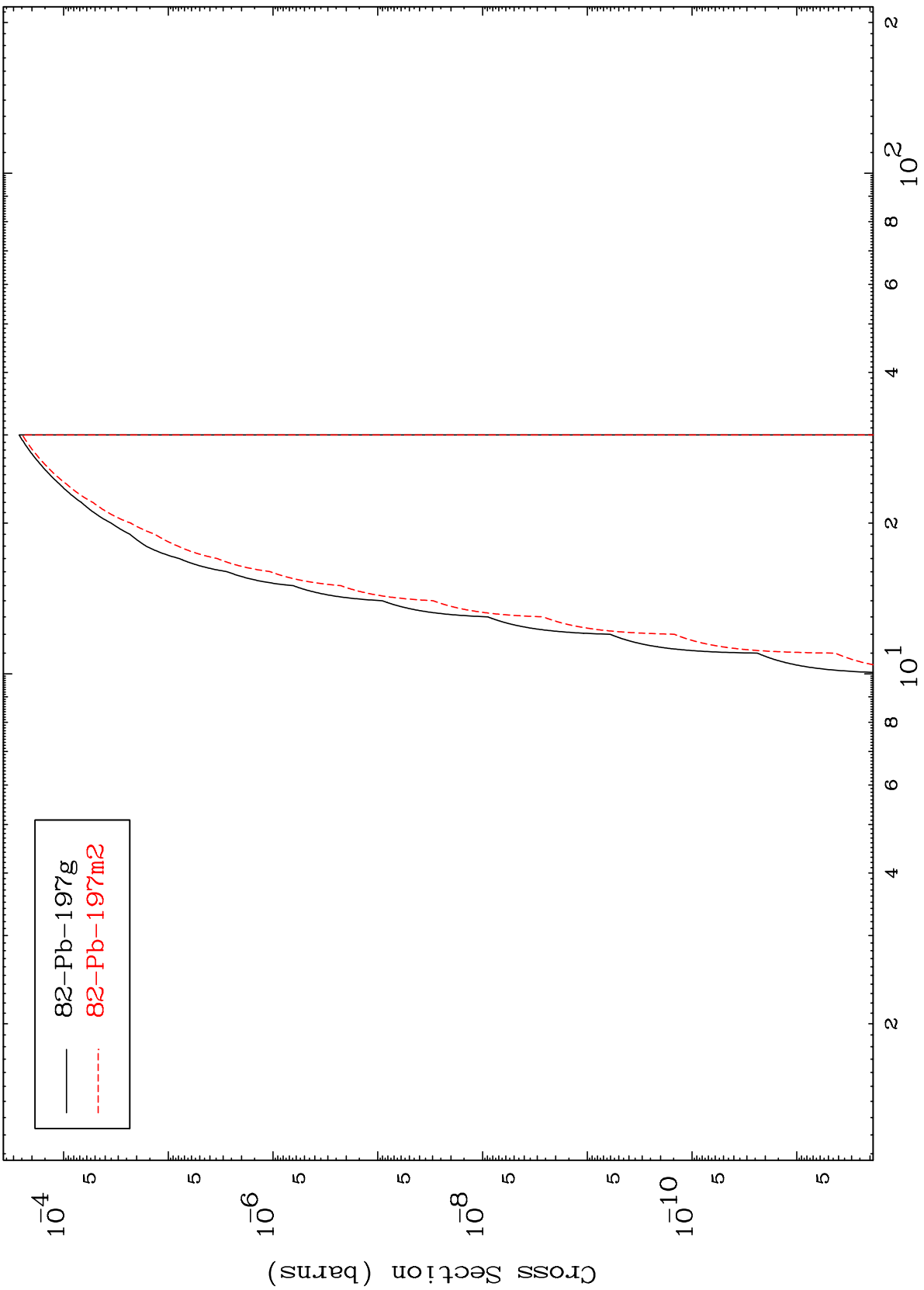
83-Bi-198

MAT 8293

(d,p) d

83-Bi-198

Radionuclide Production Cross Section



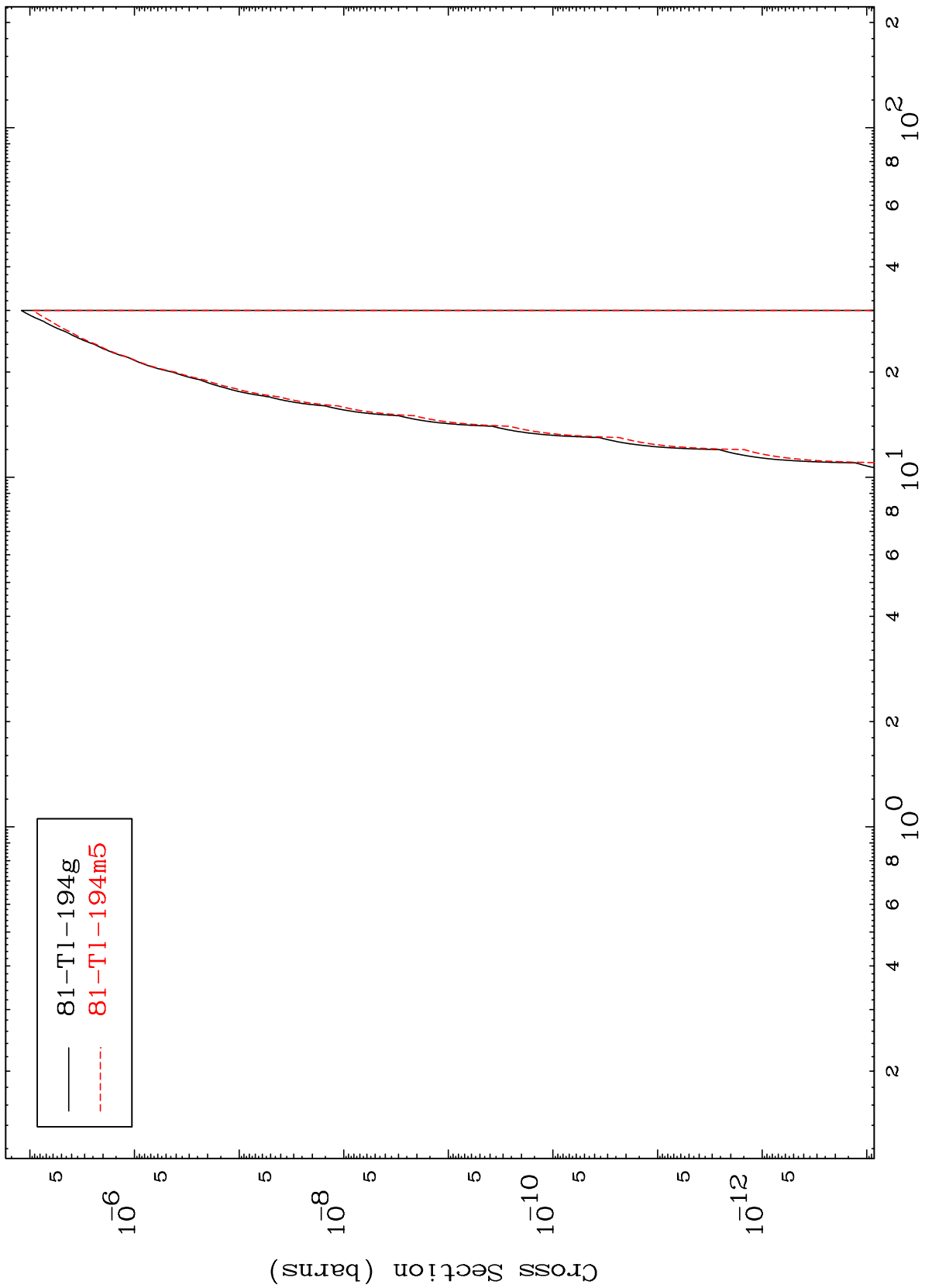


MAT 8293

(d,d)  $\alpha$

83-Bi-198

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-198