

Program EVALPLOT  
(Version 2018-1)

by

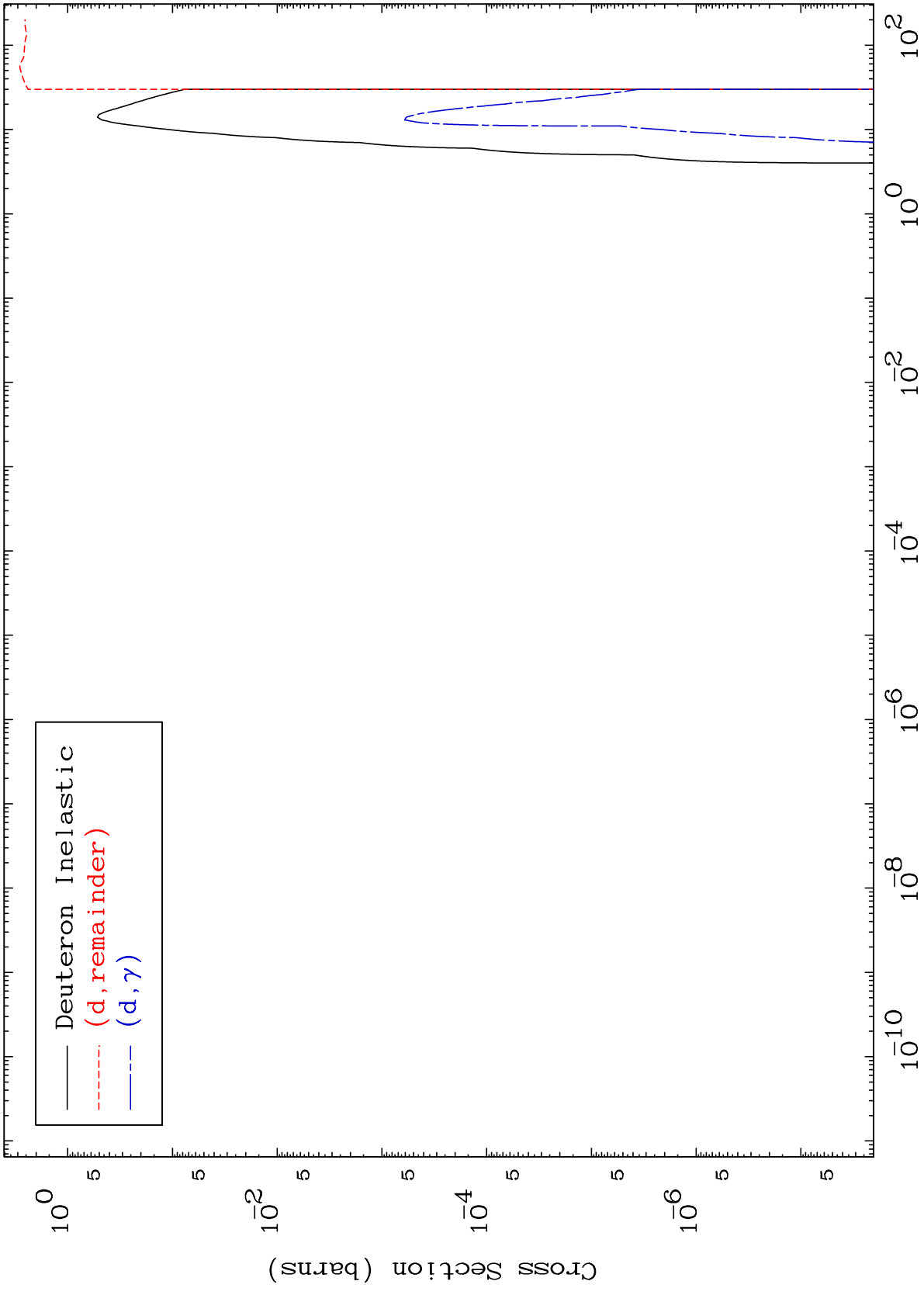
Dermott E. Cullen  
(Present Contact Information)

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

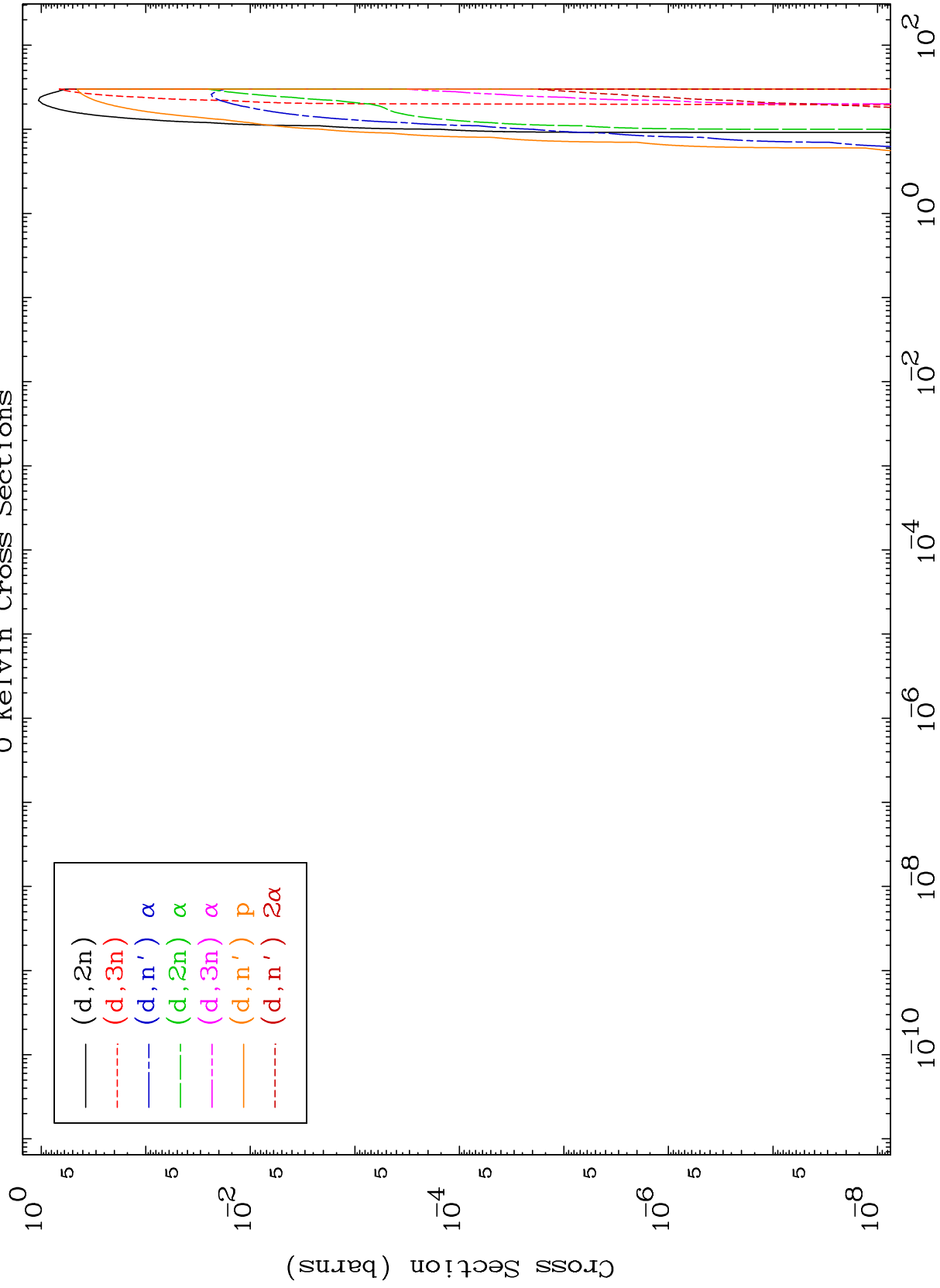
Press Mouse Button to Start



MAT 8405

Deuteron Neutron Production  
0 Kelvin Cross Sections

84-Po-199



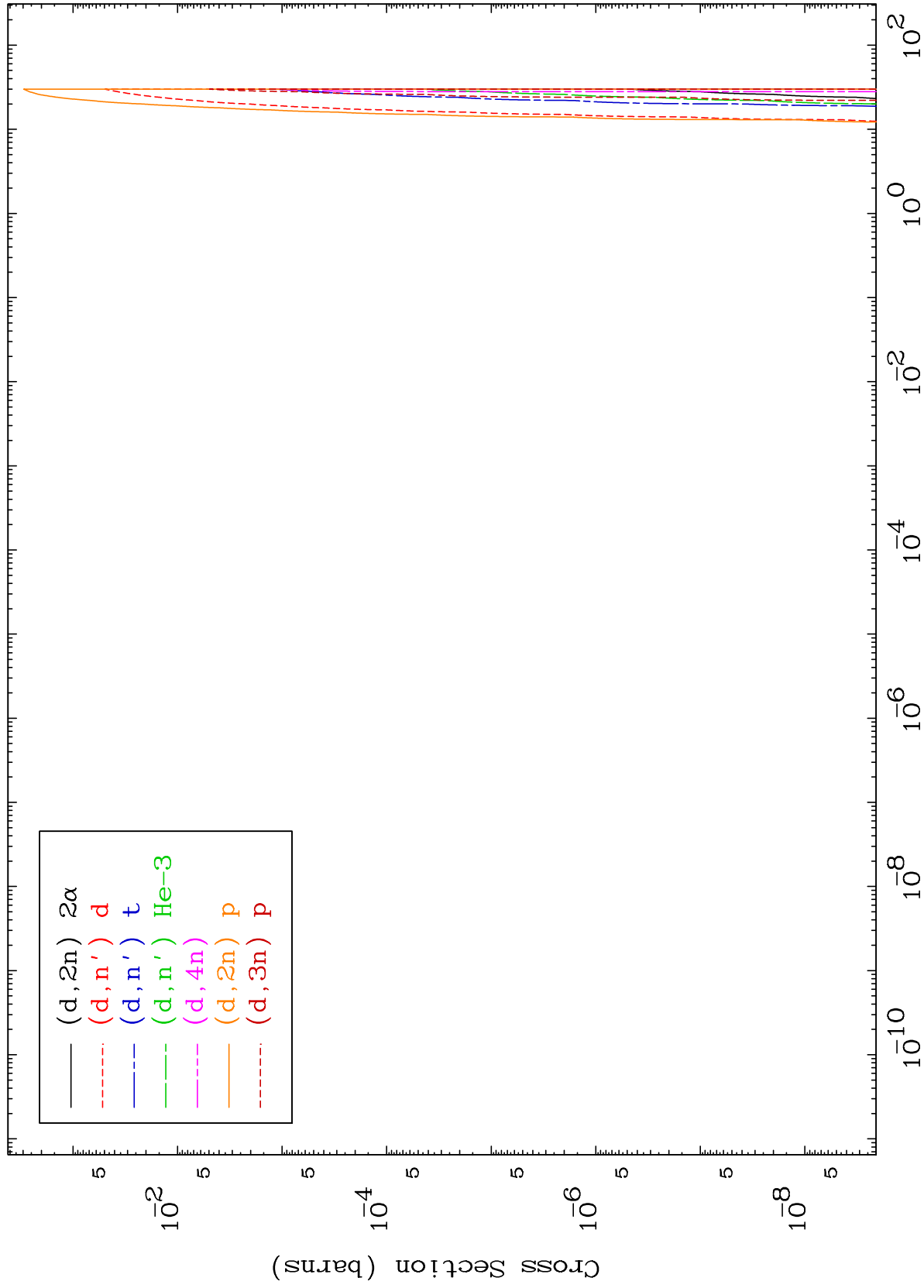
2

84-Po-199

MAT 8405

Deuteron Neutron Production  
0 Kelvin Cross Sections

84-Po-199



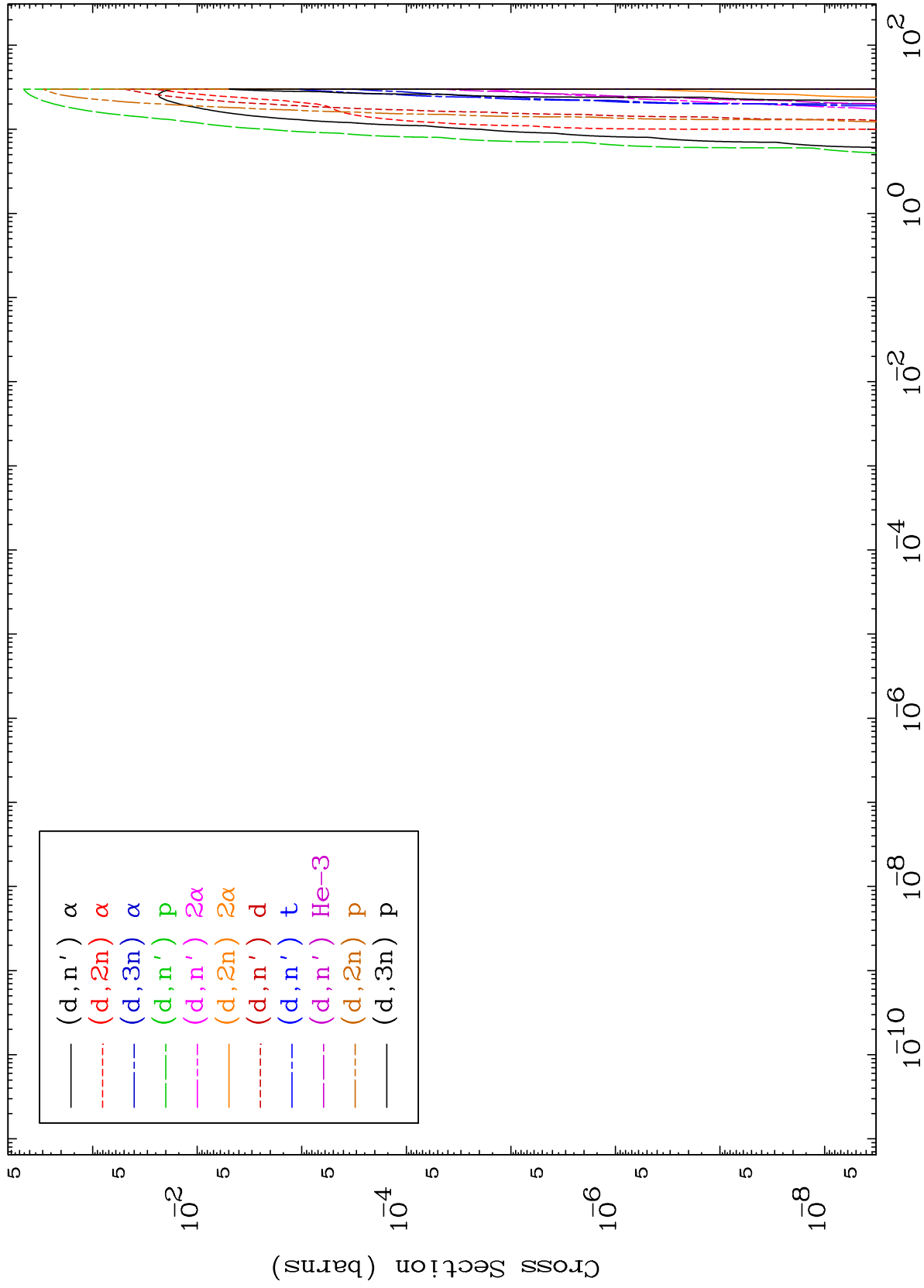
3

84-Po-199

MAT 8405

Deuteron Charged Particle  
0 Kelvin Cross Sections

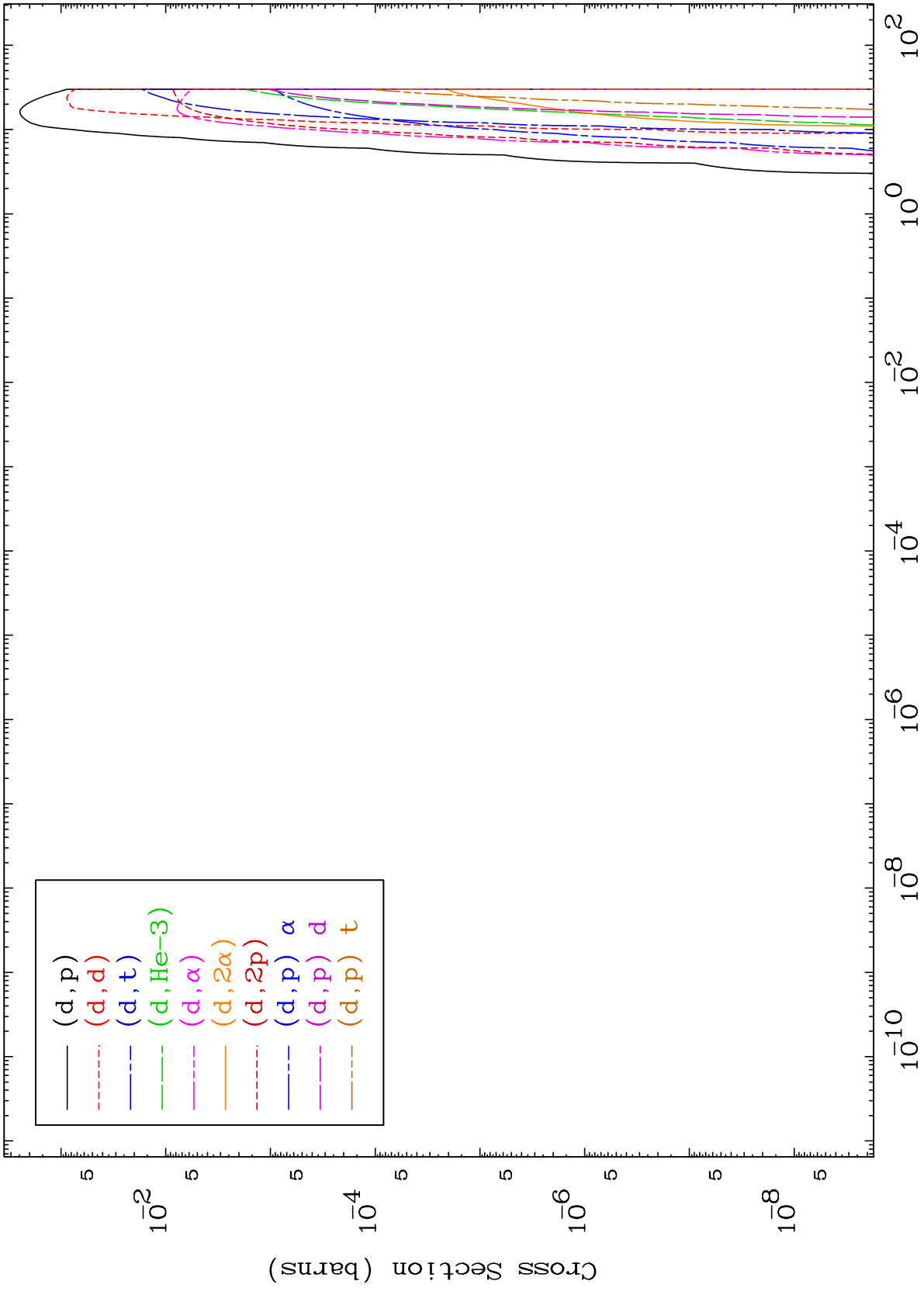
84-Po-199



MAT 8405

Deuteron Charged Particle  
0 Kelvin Cross Sections

84-Po-199



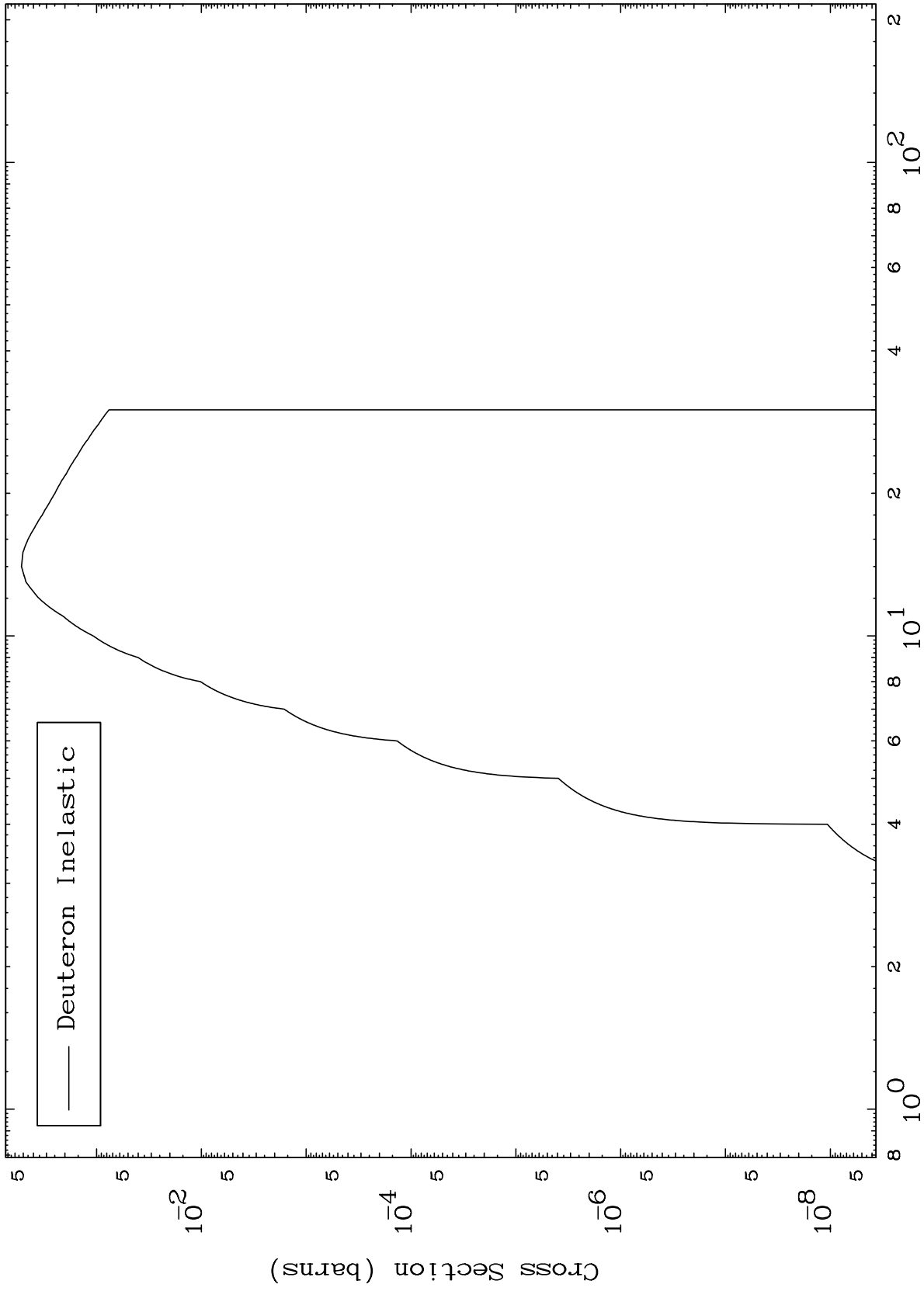
5

84-Po-199

MAT 8405

(d,n') Level  
0 Kelvin Cross Sections

84-Po-199



6

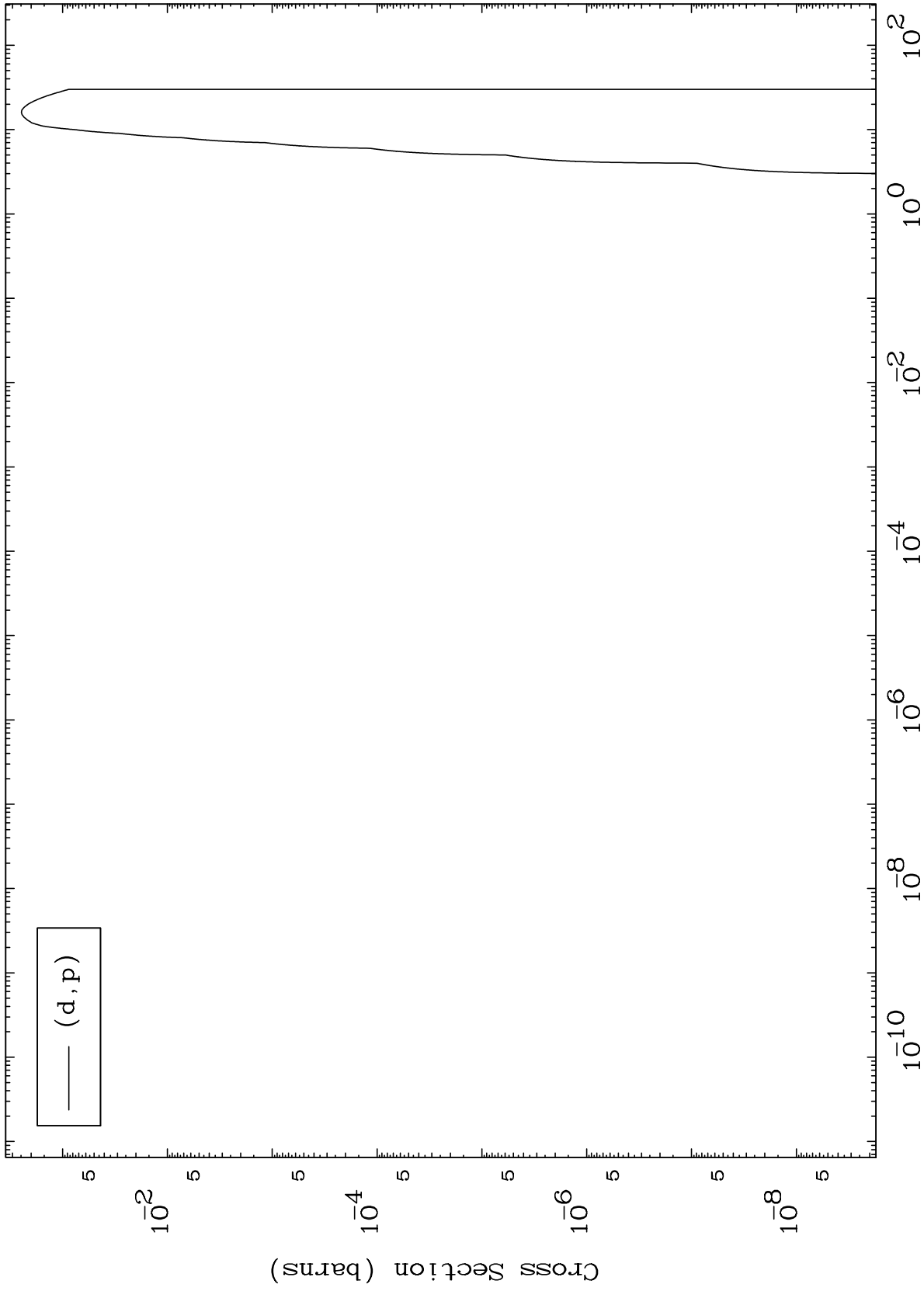
Incident Energy (MeV)

84-Po-199

MAT 8405

(d,p) Levels  
0 Kelvin Cross Sections

84-Po-199



7

Incident Energy (MeV)

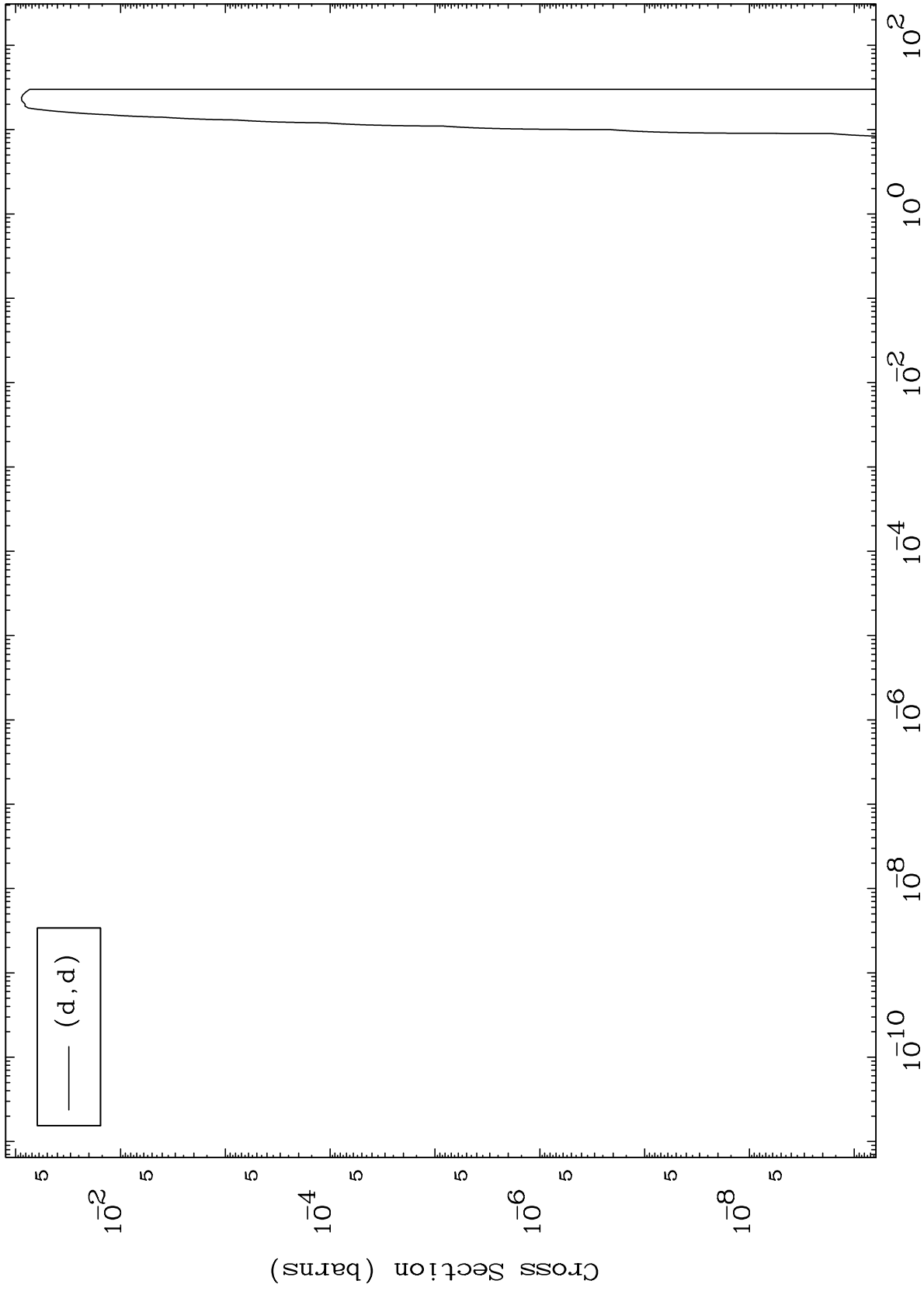
84-Po-199



MAT 8405

(d,d) Levels  
0 Kelvin Cross Sections

84-Po-199



8

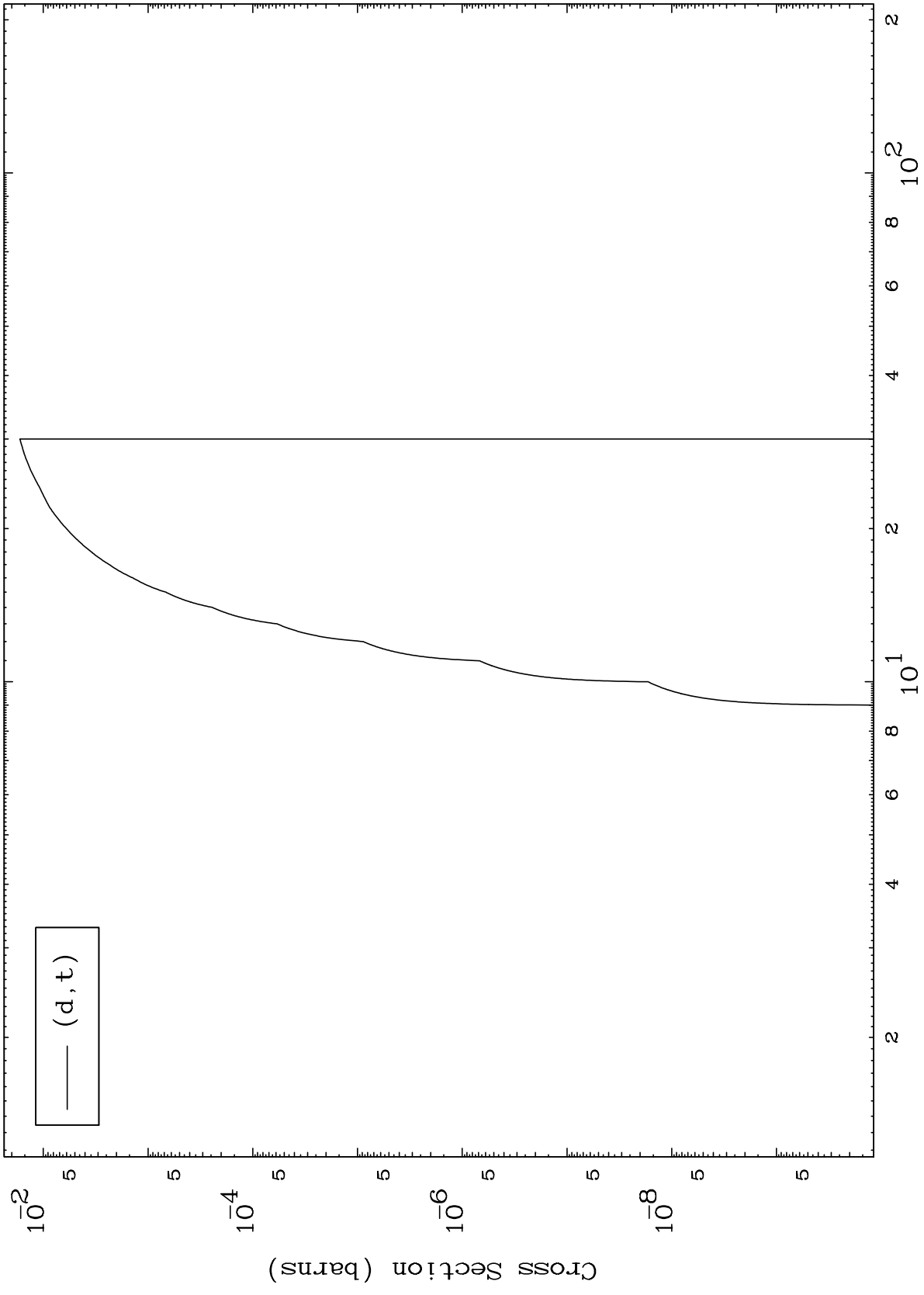
Incident Energy (MeV)

84-Po-199

MAT 8405

(d,t) Levels  
0 Kelvin Cross Sections

84-Po-199



9

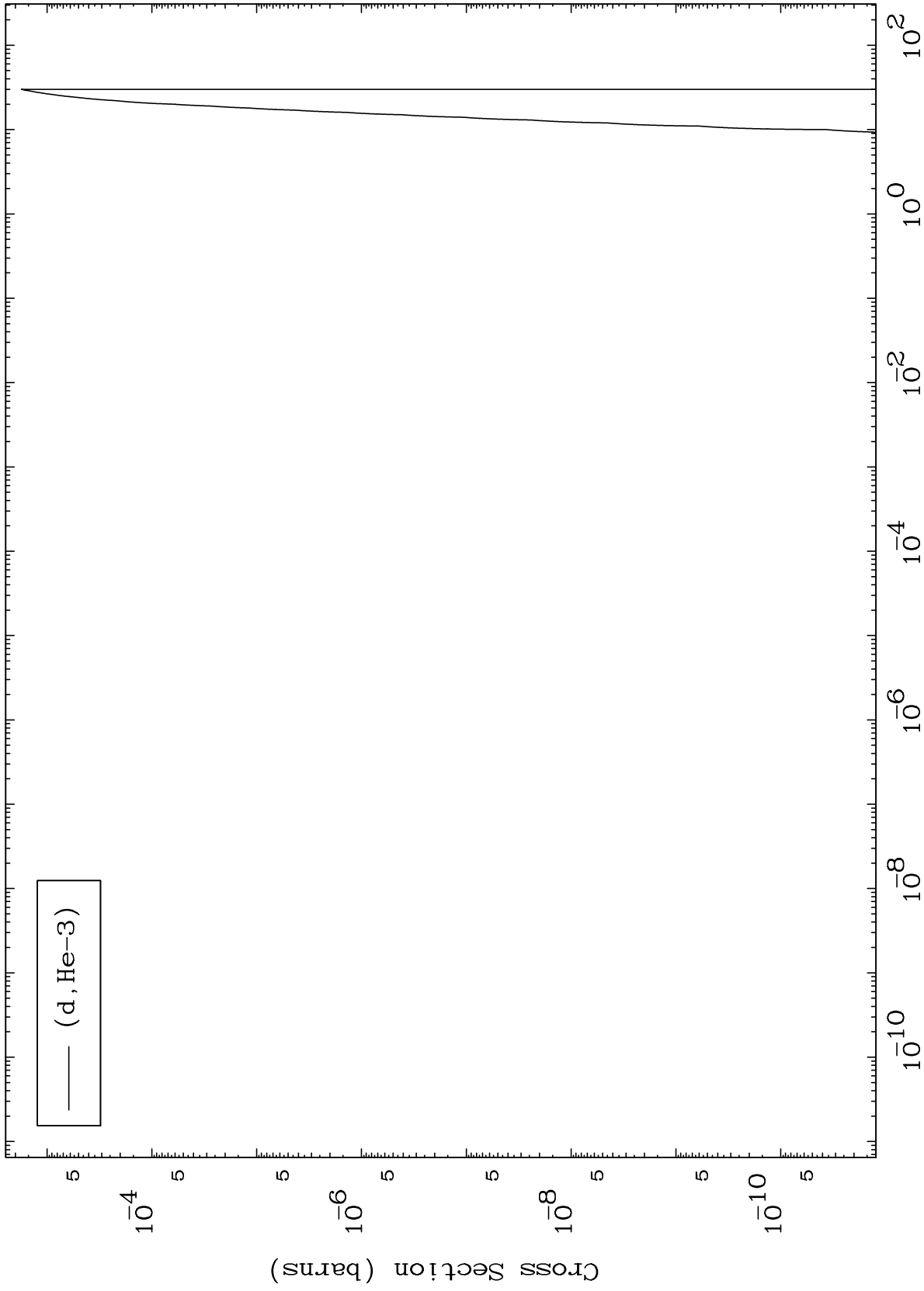
Incident Energy (MeV)

84-Po-199

MAT 8405

(d,He3) Levels  
0 Kelvin Cross Sections

84-Po-199



10

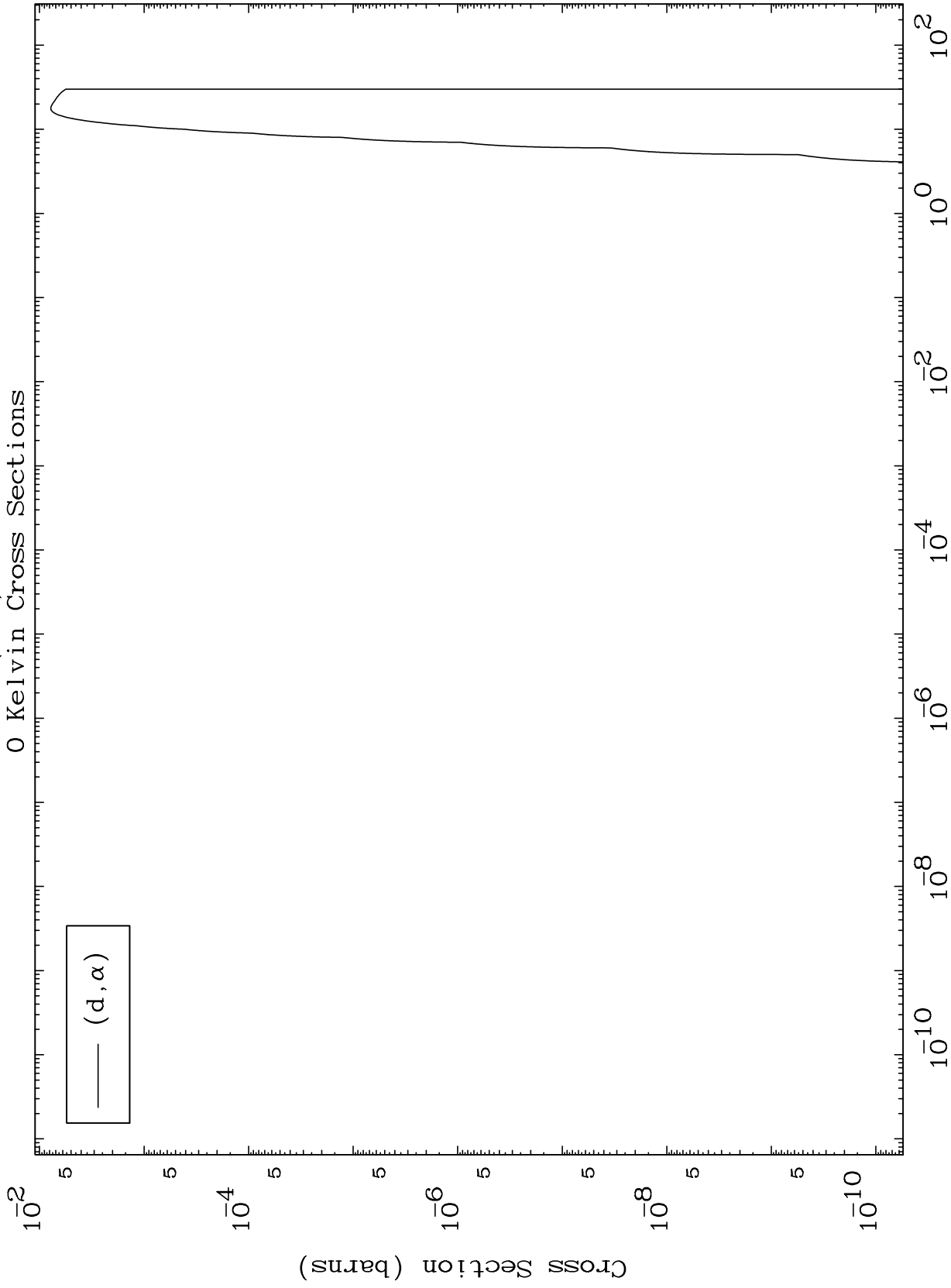
Incident Energy (MeV)

84-Po-199

MAT 8405

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

84-Po-199



11

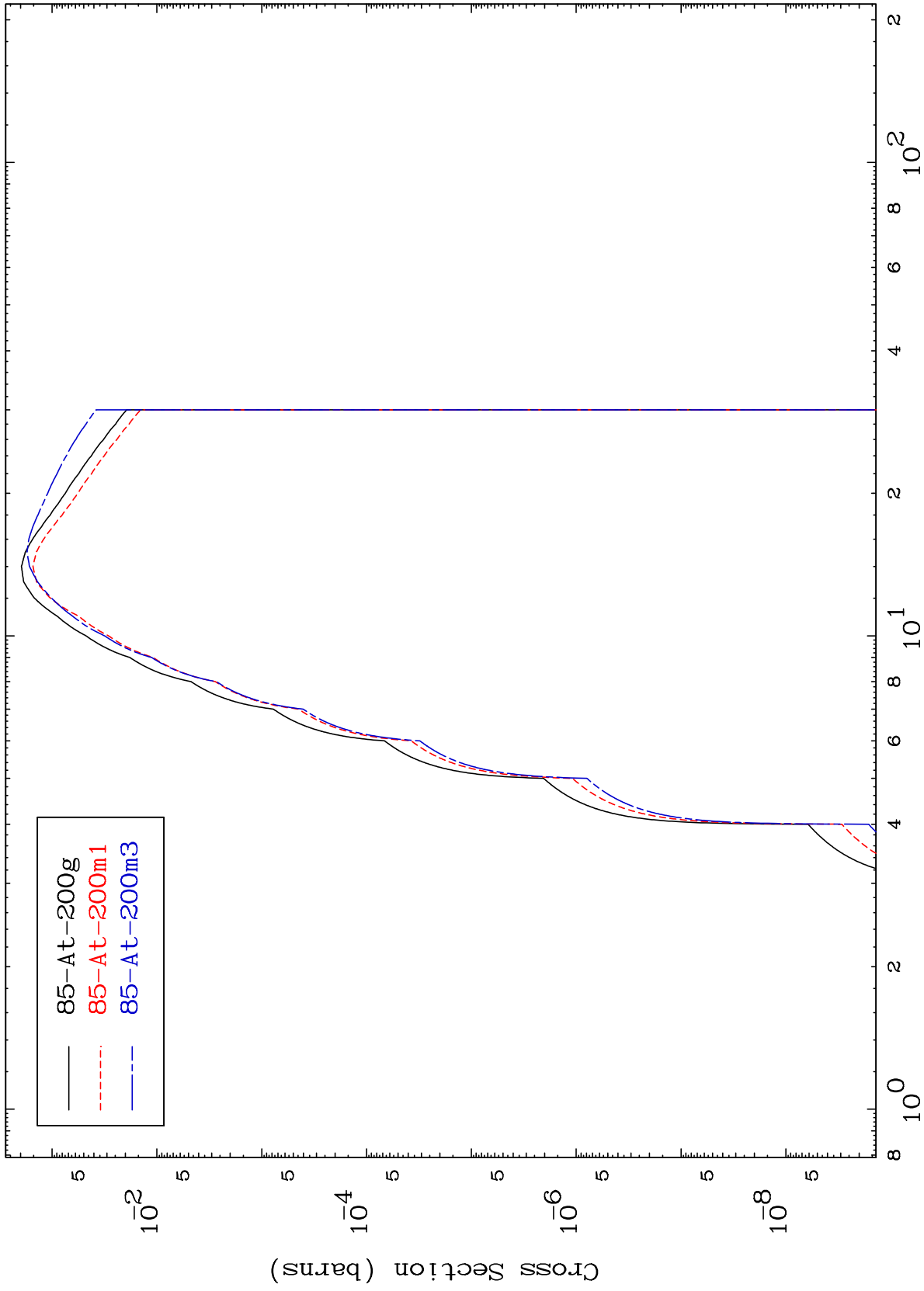
Incident Energy (MeV)

84-Po-199

MAT 8405

Radionuclide Production Cross Section

84-Po-199

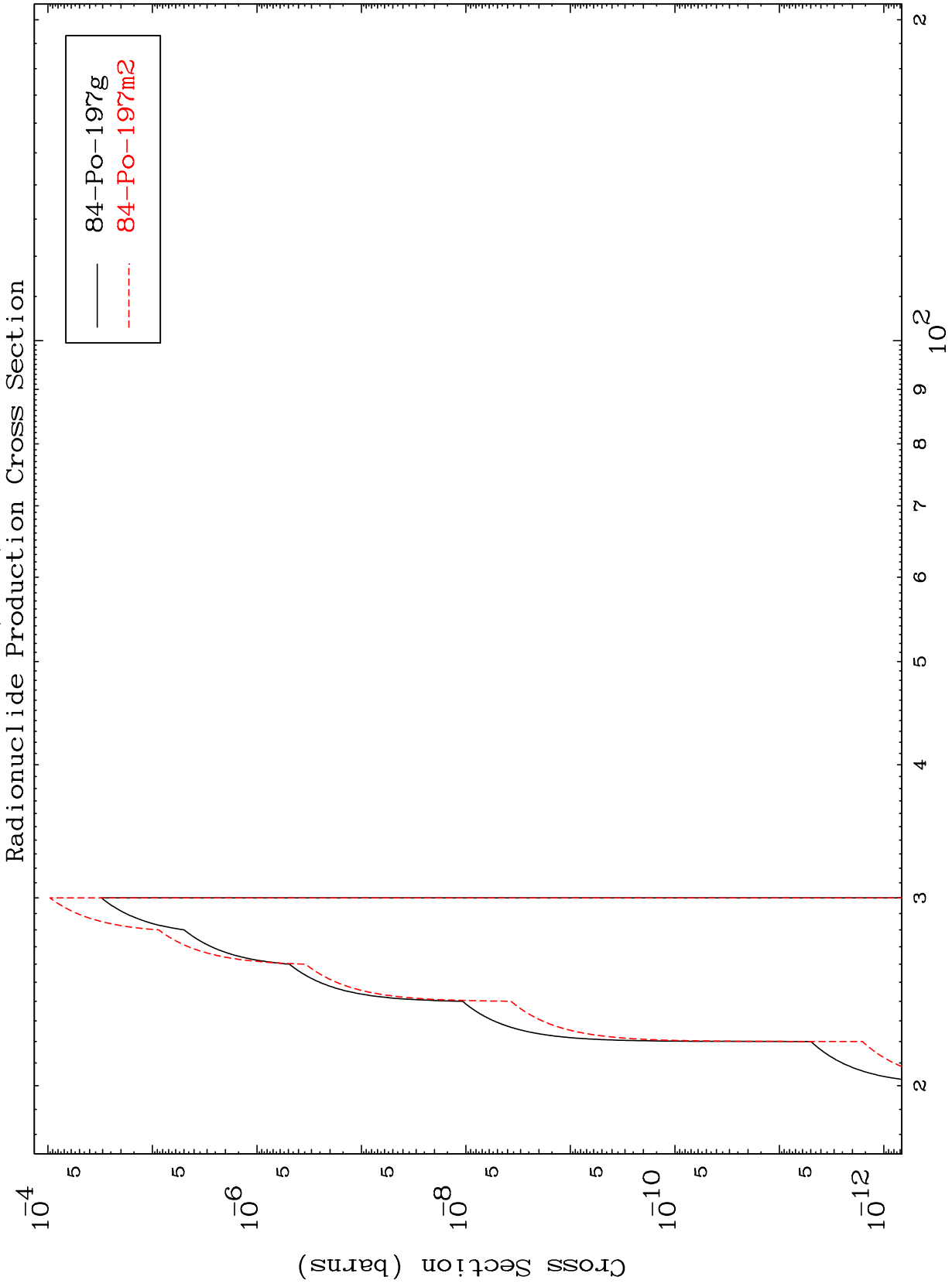


12

MAT 8405

(d,2n) d

84-Po-199



13

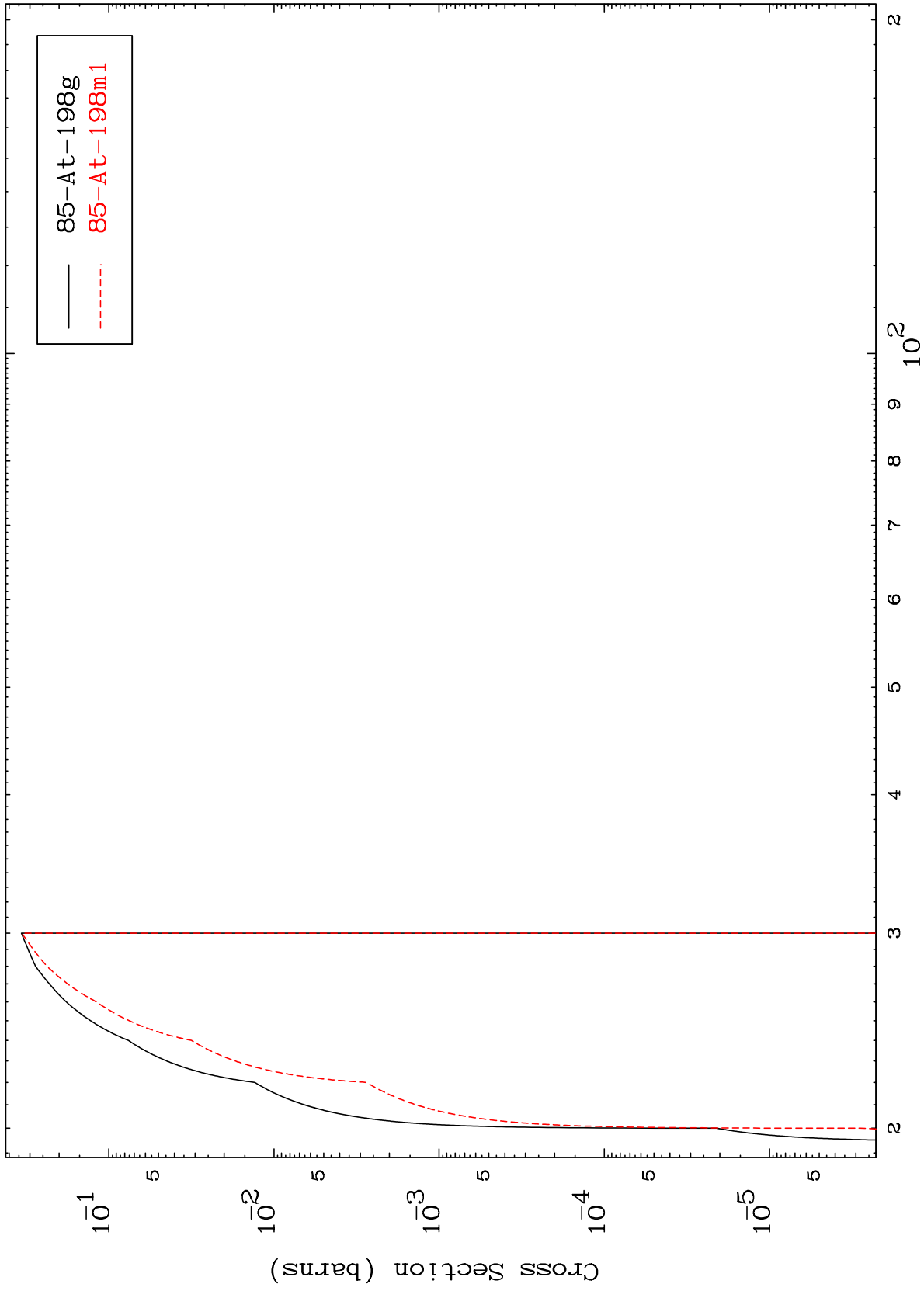
Incident Energy (MeV)

84-Po-199

MAT 8405

84-Po-199

(d,3n)  
Radionuclide Production Cross Section



14

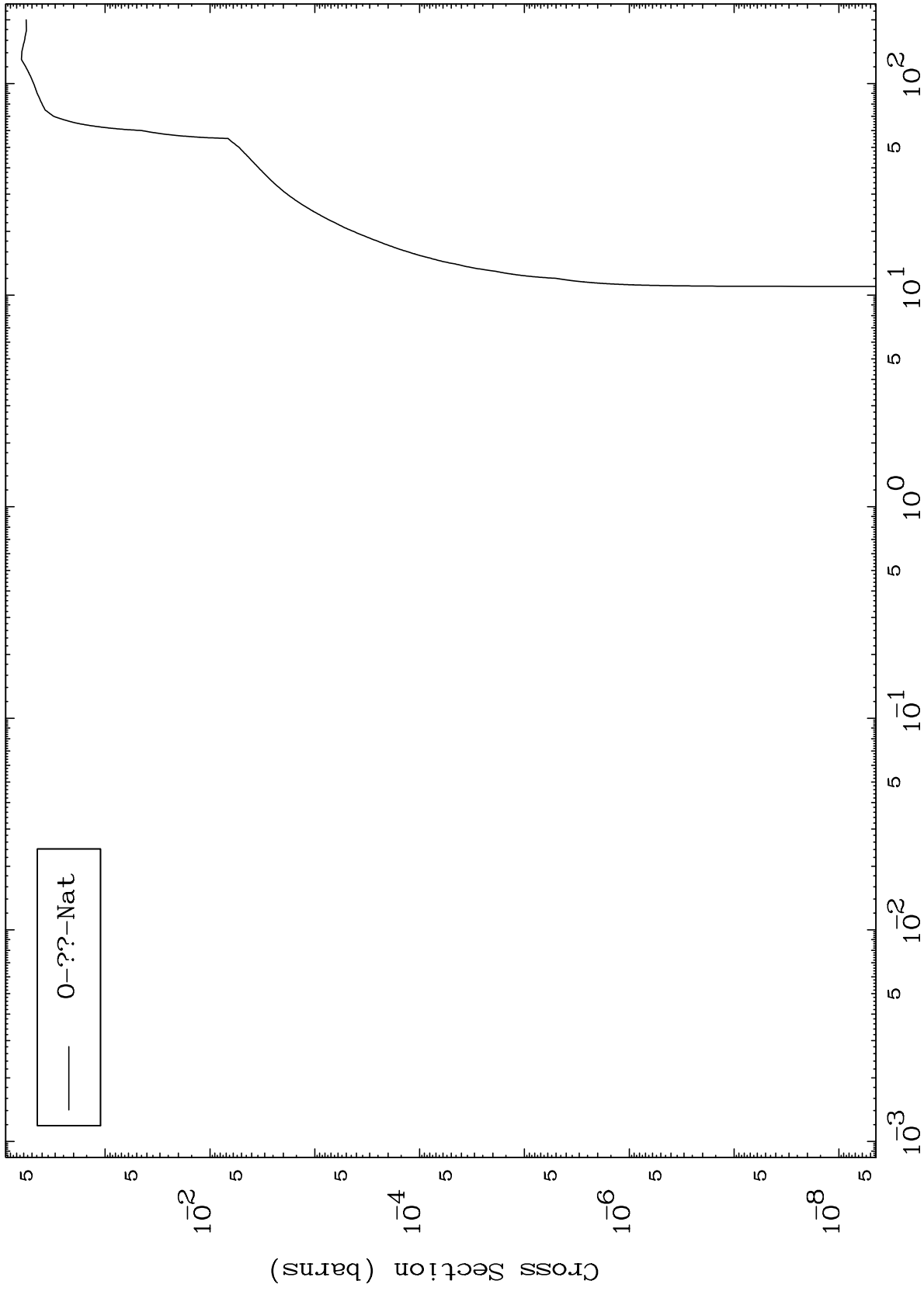
Incident Energy (MeV)

84-Po-199

MAT 8405

Deuteron Fission  
Radionuclide Production Cross Section

84-Po-199



15

Incident Energy (MeV)

84-Po-199

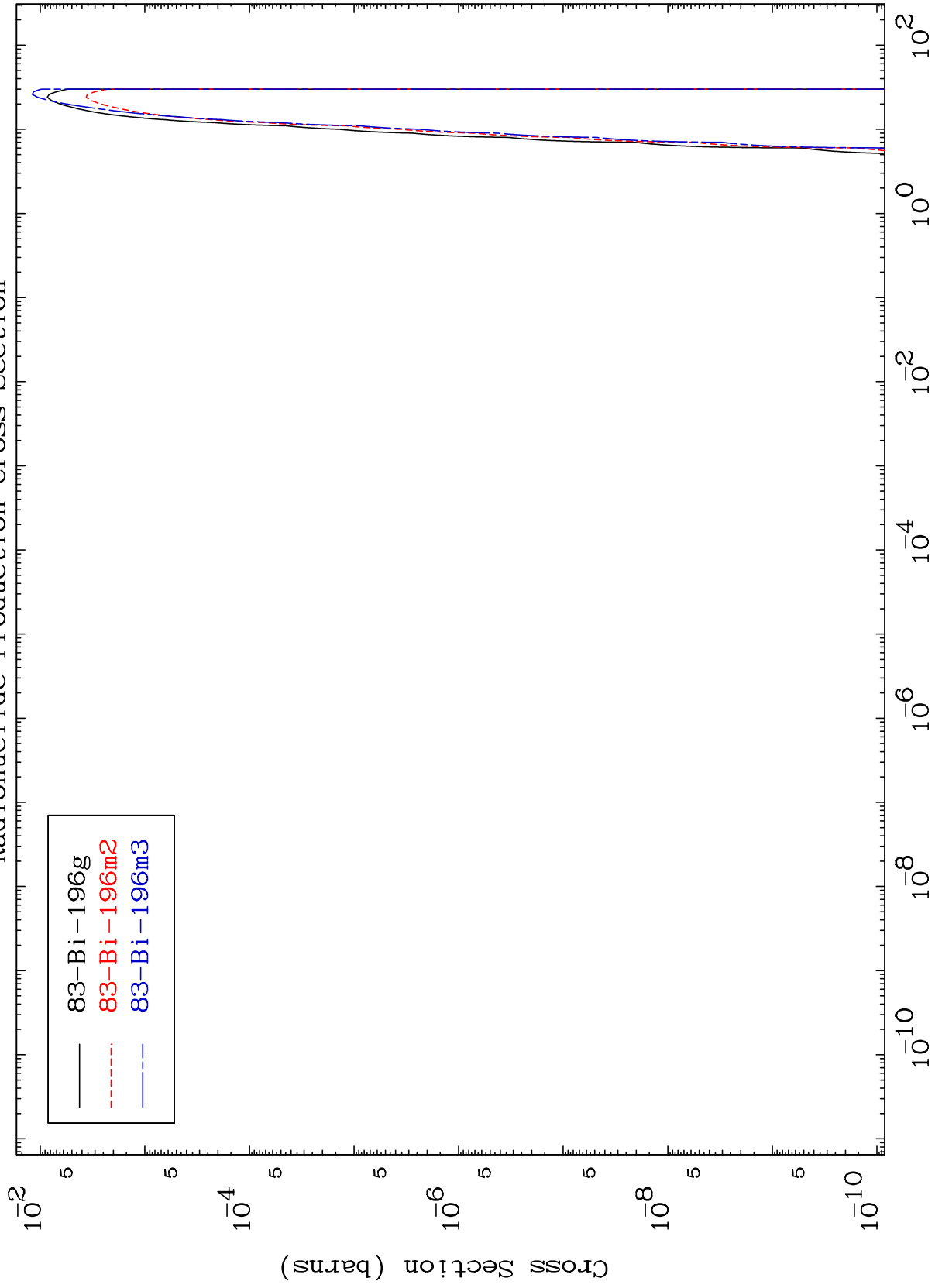


MAT 8405

(d,n')  $\alpha$

84-Po-199

Radionuclide Production Cross Section



16

Incident Energy (MeV)

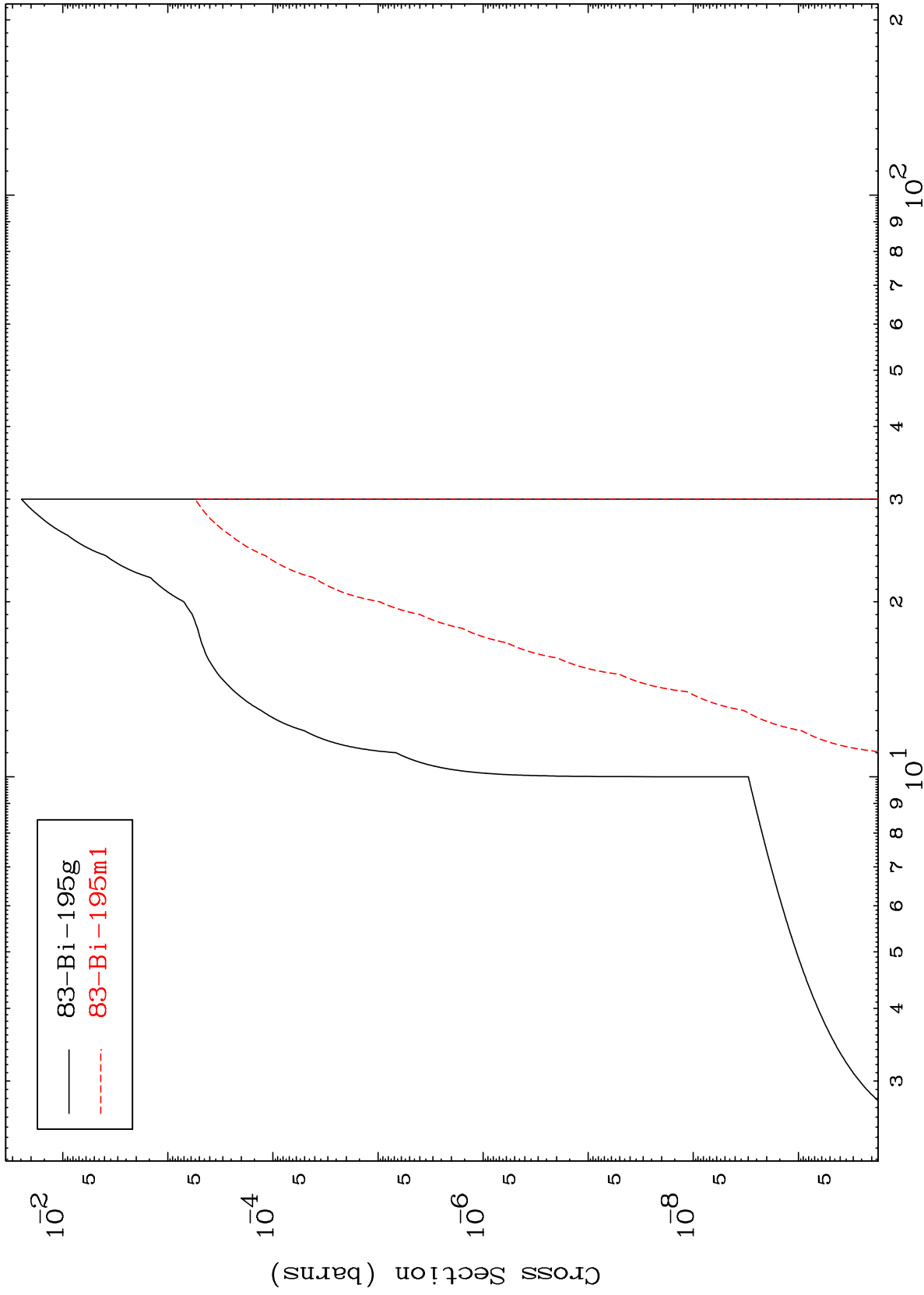
84-Po-199

MAT 8405

(d,2n)  $\alpha$

84-Po-199

Radionuclide Production Cross Section

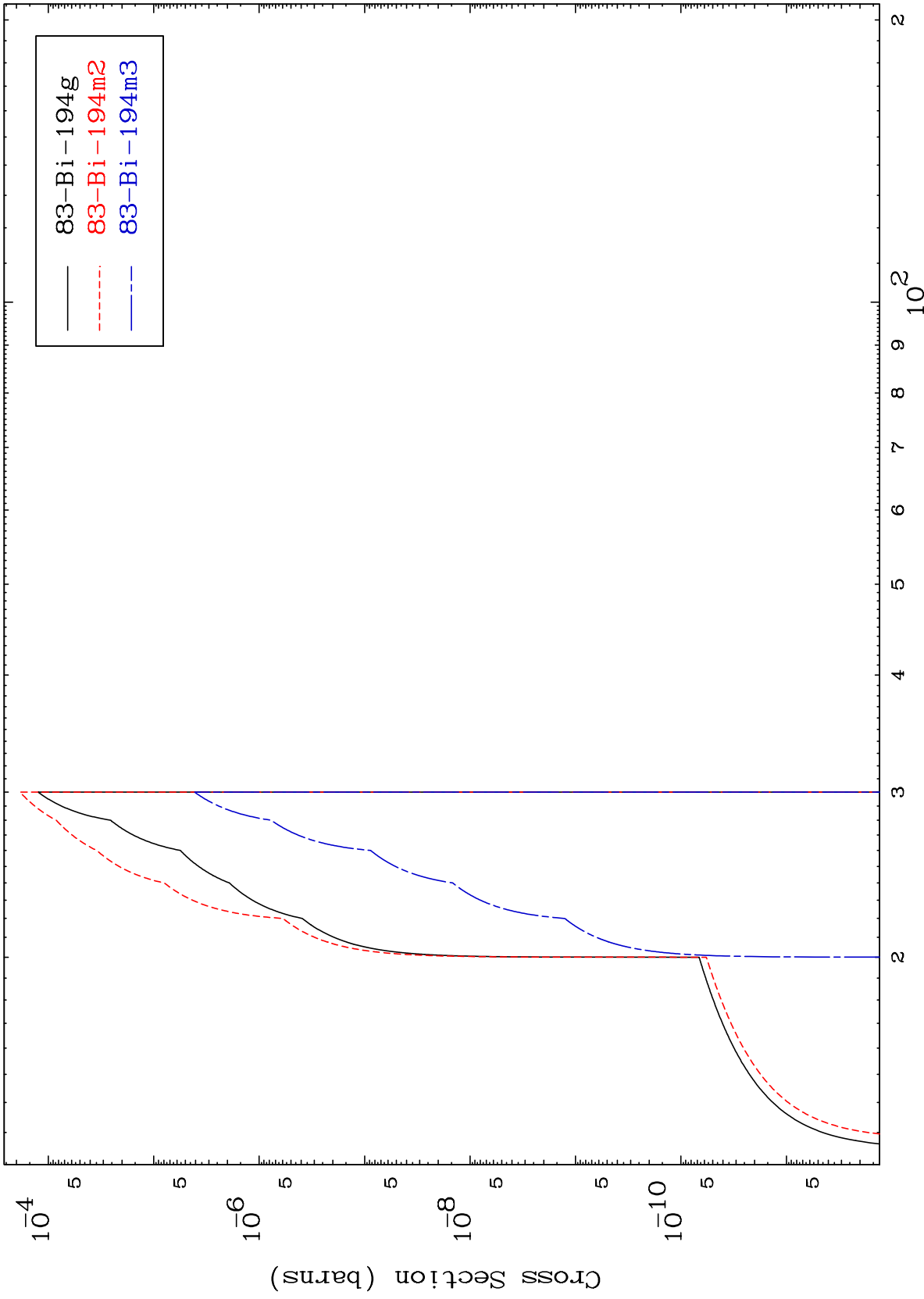


17

Incident Energy (MeV)

84-Po-199

Radionuclide Production Cross Section

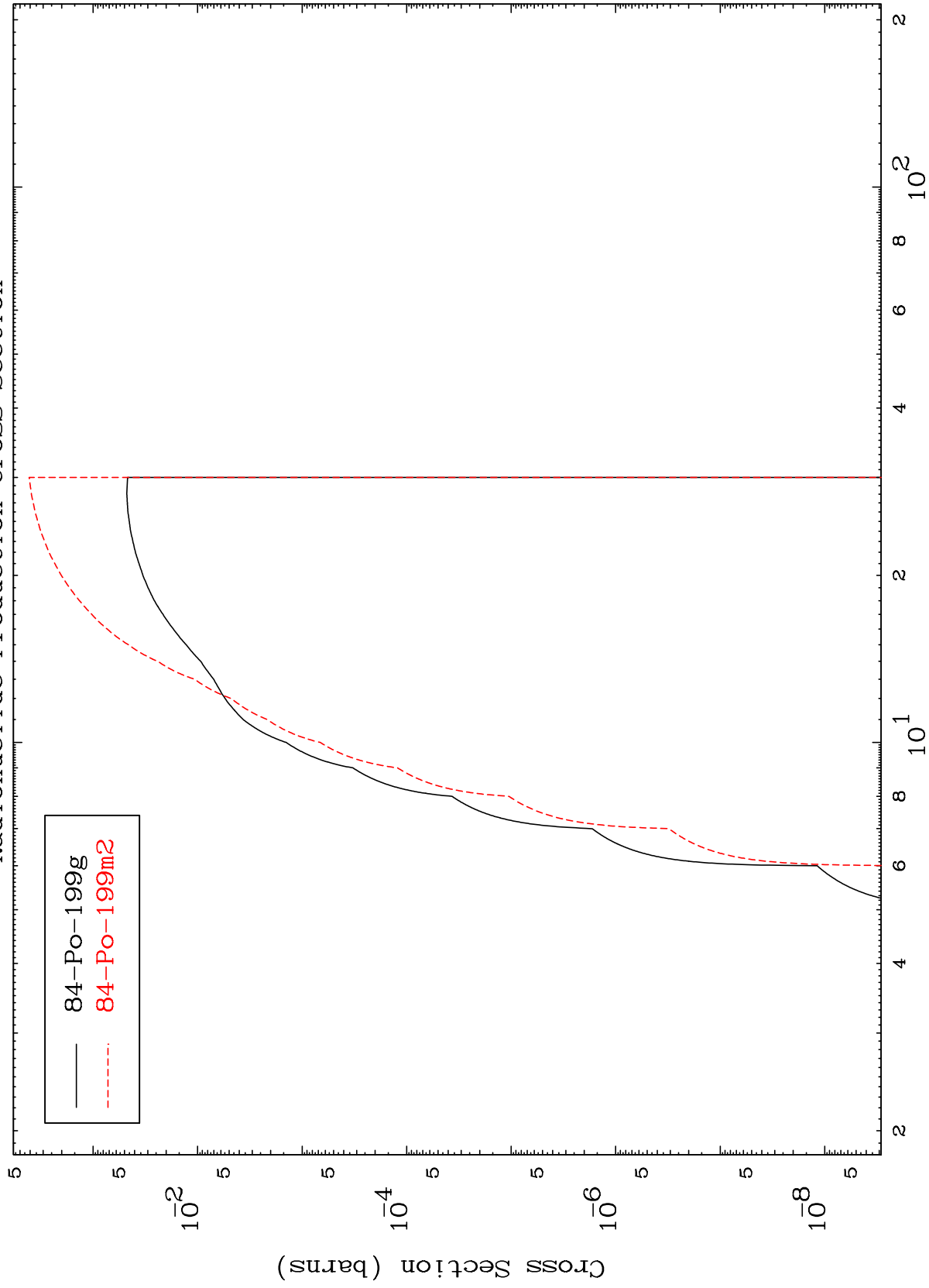


MAT 8405

(d,n') p

84-Po-199

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

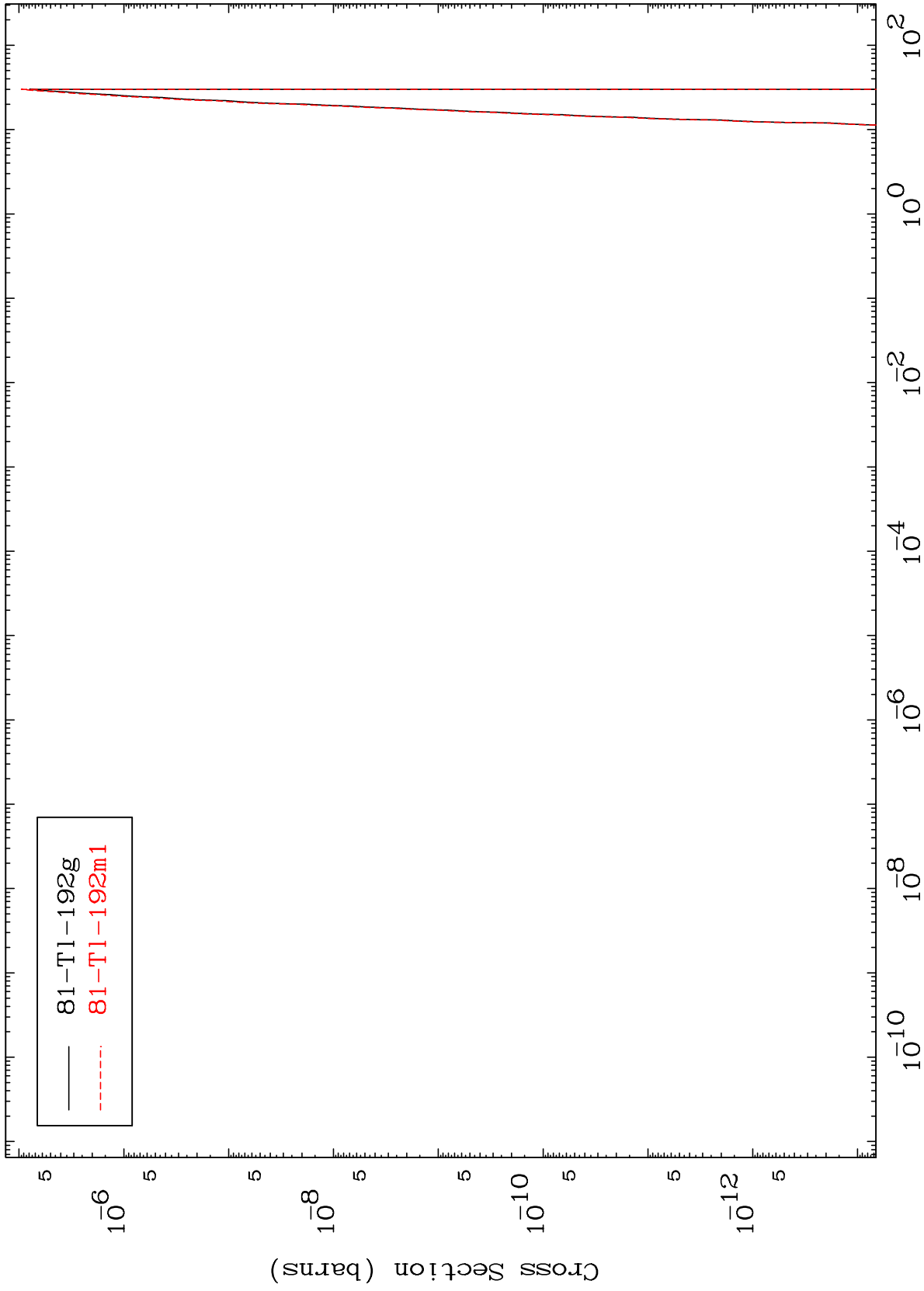
84-Po-199

MAT 8405

(d,n') 2 $\alpha$

84-Po-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

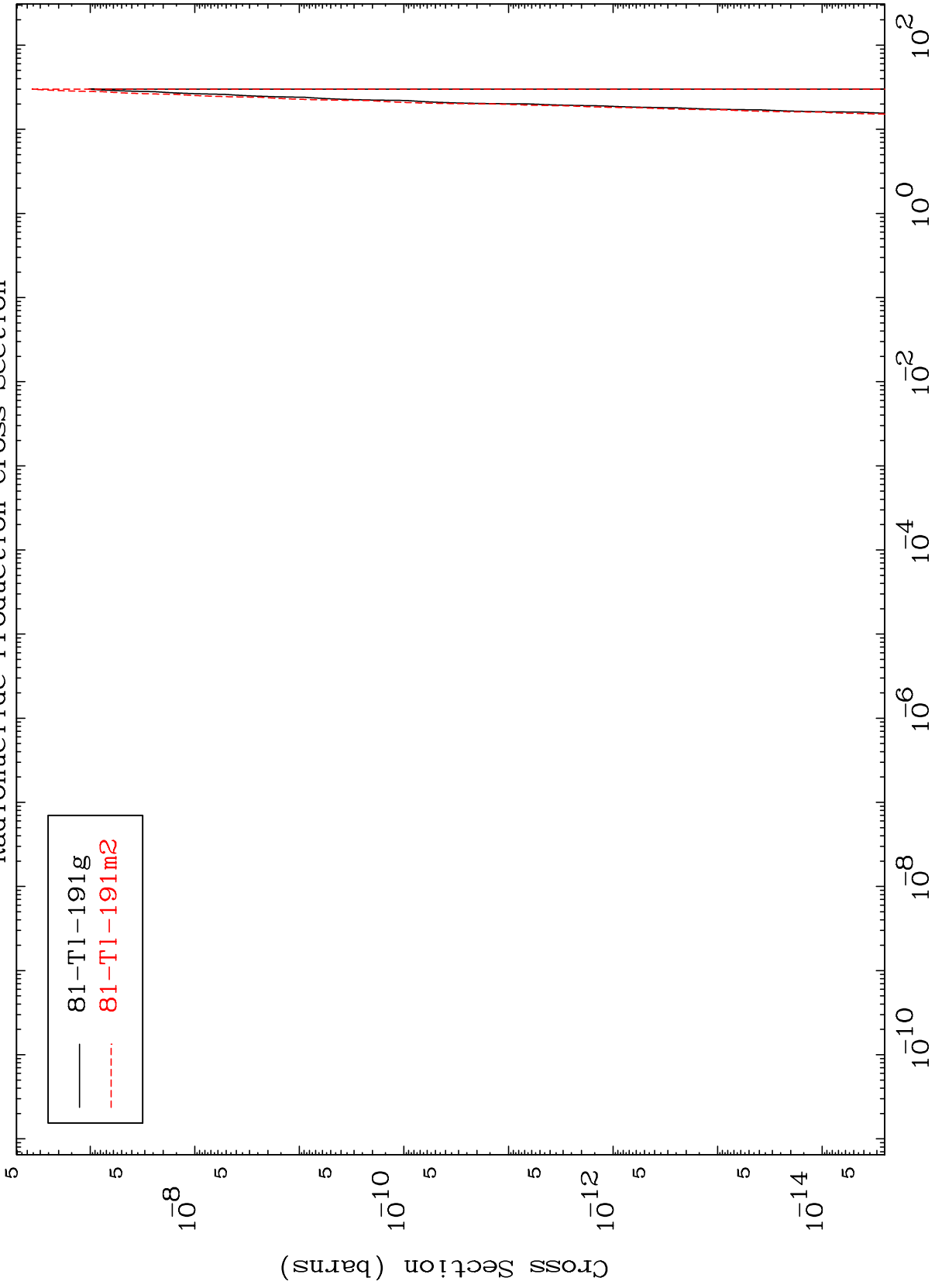
84-Po-199

MAT 8405

(d,2n) 2 $\alpha$

84-Po-199

Radionuclide Production Cross Section

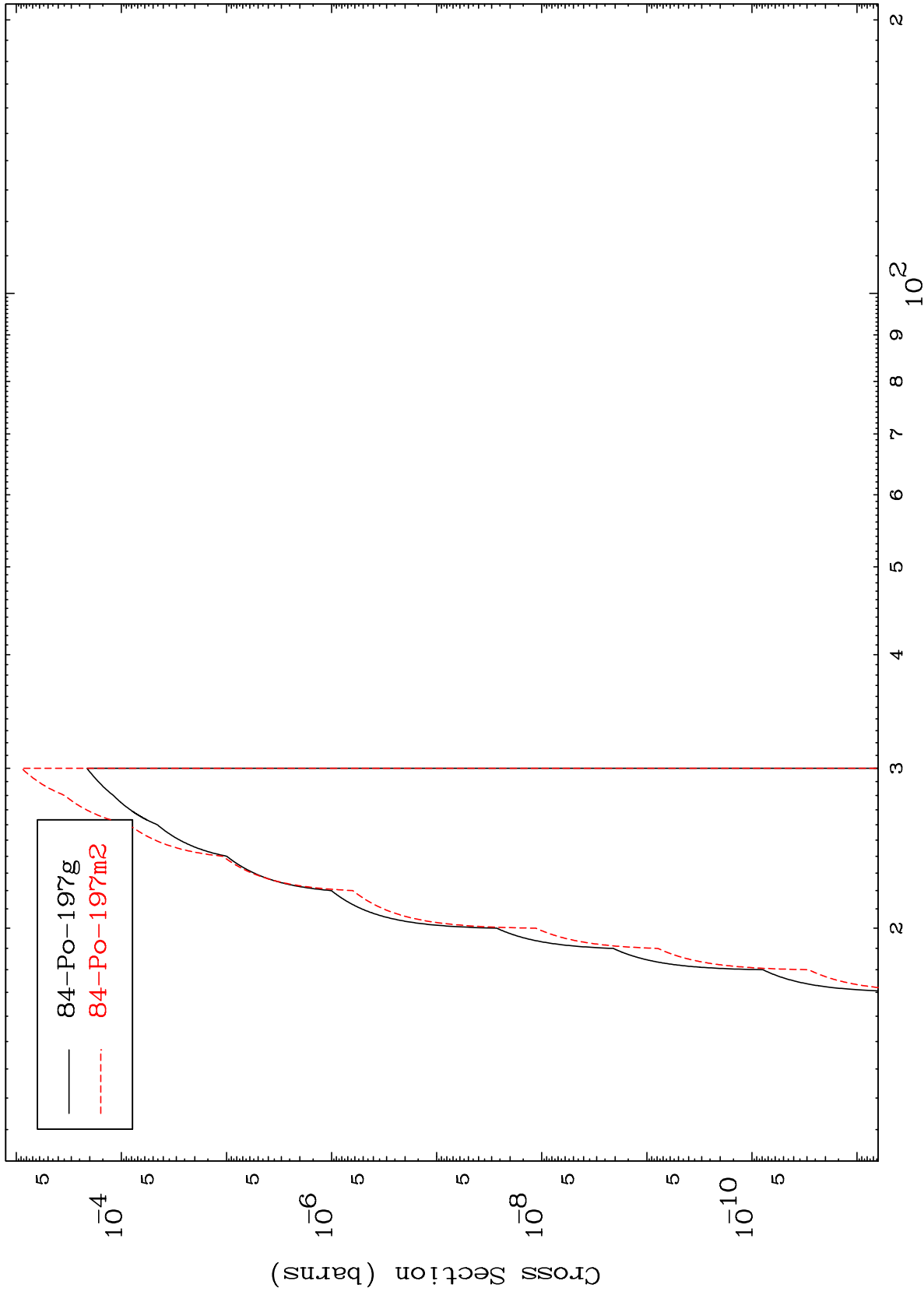


MAT 8405

(d,n') t

84-Po-199

Radionuclide Production Cross Section



22

Incident Energy (MeV)

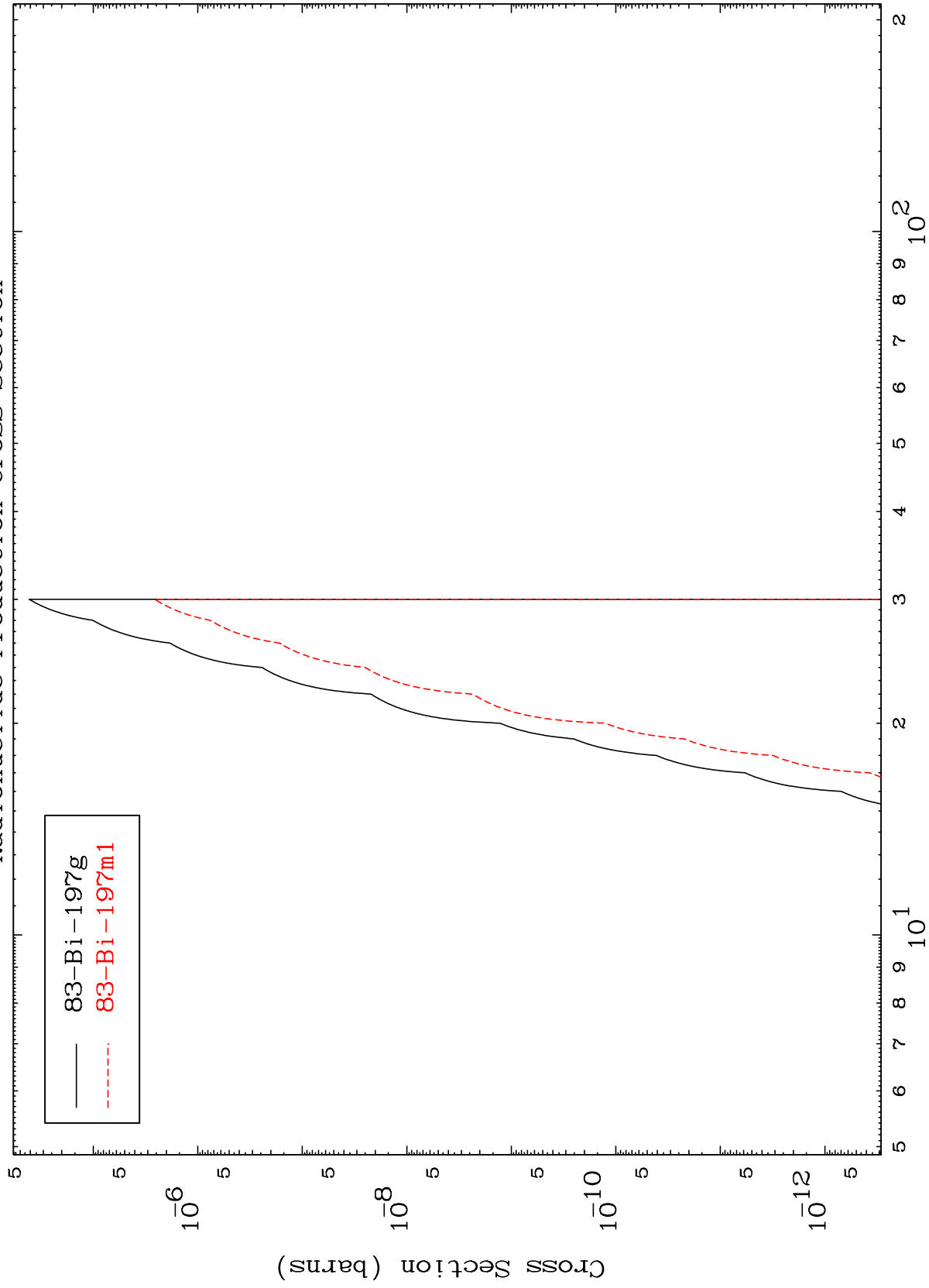
84-Po-199

MAT 8405

(d, n') He-3

84-Po-199

Radionuclide Production Cross Section



23

Incident Energy (MeV)

84-Po-199

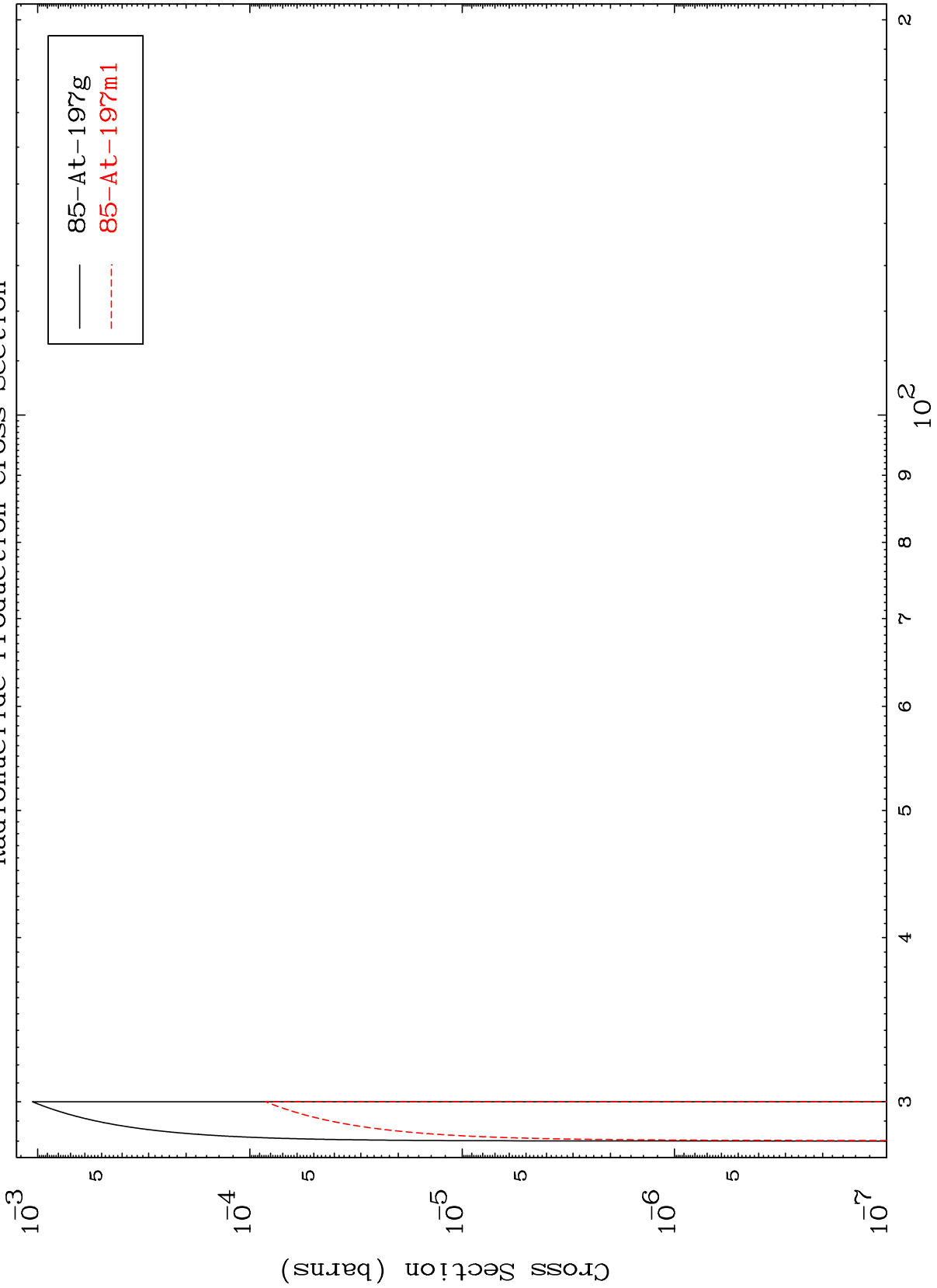


MAT 8405

(d,4n)

84-Po-199

Radionuclide Production Cross Section



24

Incident Energy (MeV)

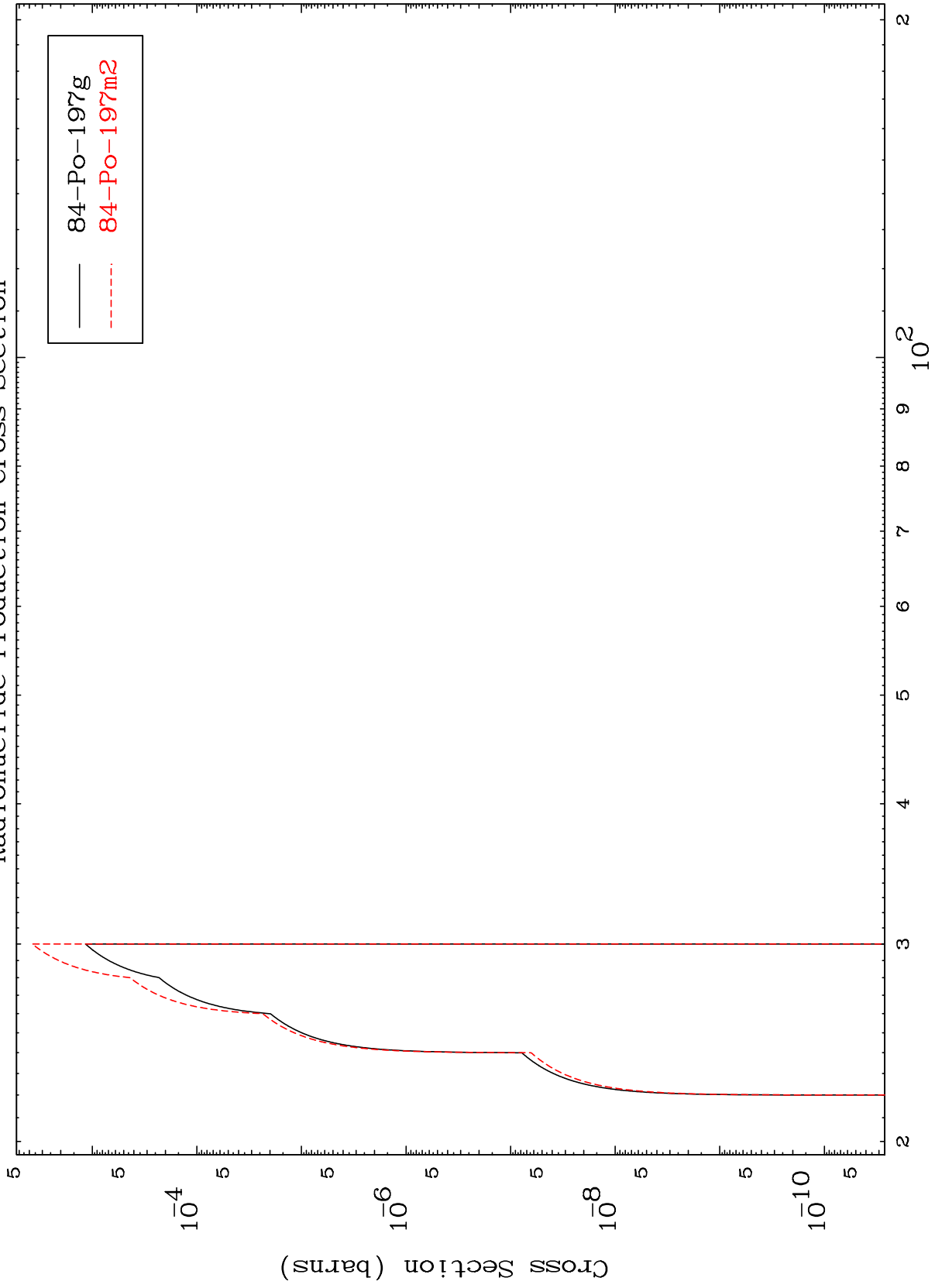
84-Po-199

MAT 8405

(d,3n) p

84-Po-199

Radionuclide Production Cross Section



25

Incident Energy (MeV)

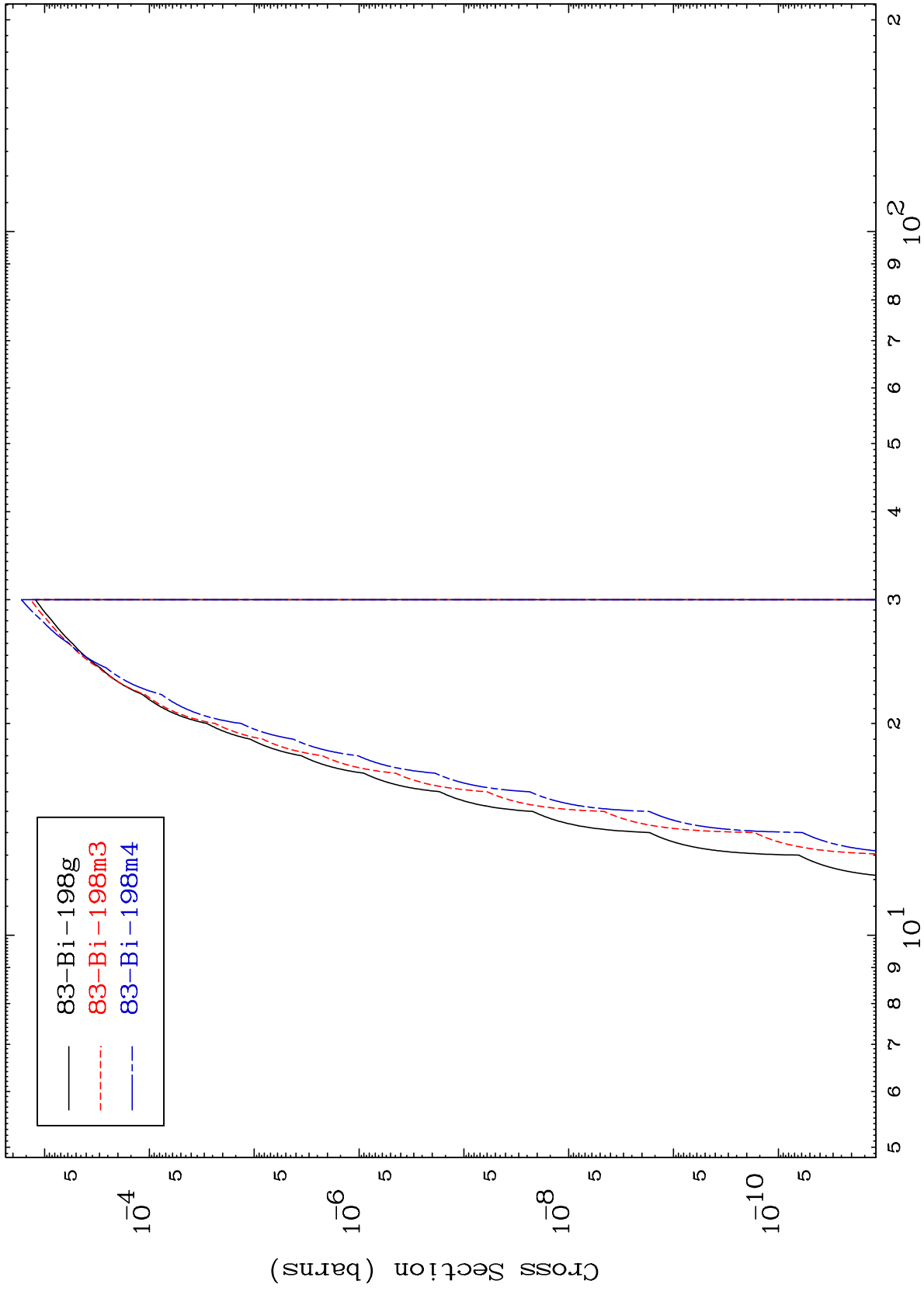
84-Po-199

MAT 8405

(d,2n) p

84-Po-199

Radionuclide Production Cross Section



26

Incident Energy (MeV)

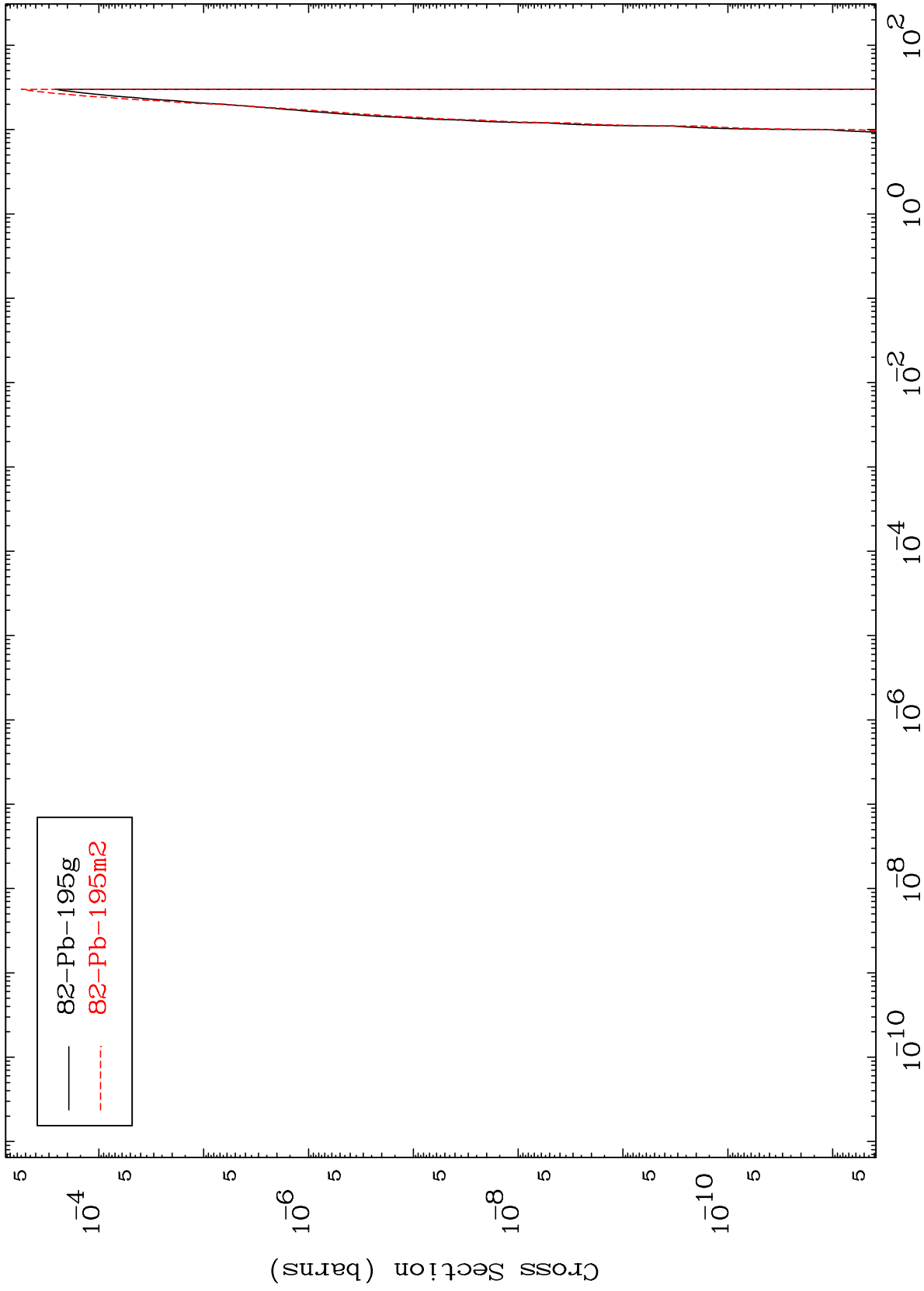
84-Po-199

MAT 8405

(d,n') p  $\alpha$

84-Po-199

Radionuclide Production Cross Section



27

Incident Energy (MeV)

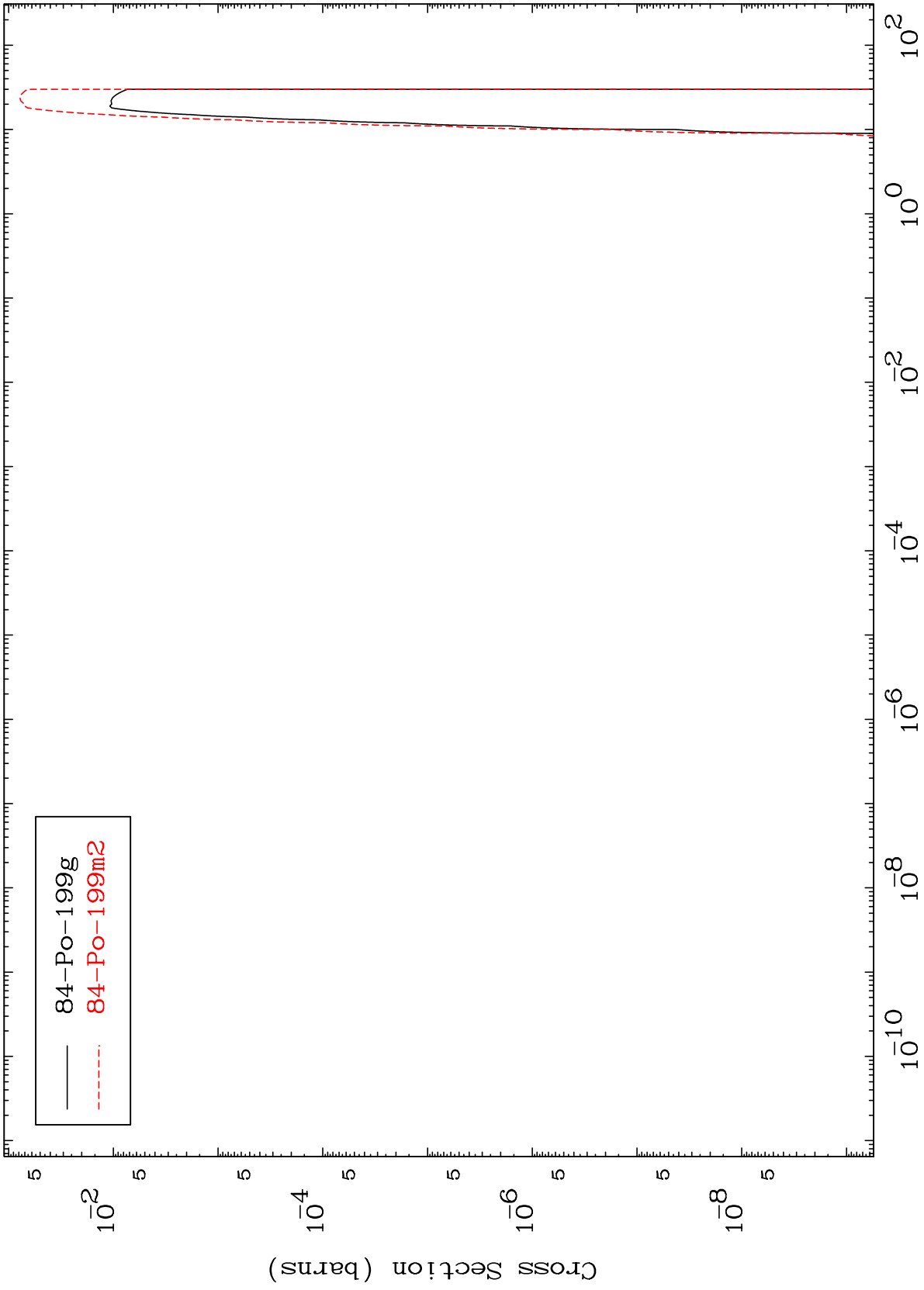
84-Po-199

MAT 8405

(d,d)

84-Po-199

Radionuclide Production Cross Section



28

Incident Energy (MeV)

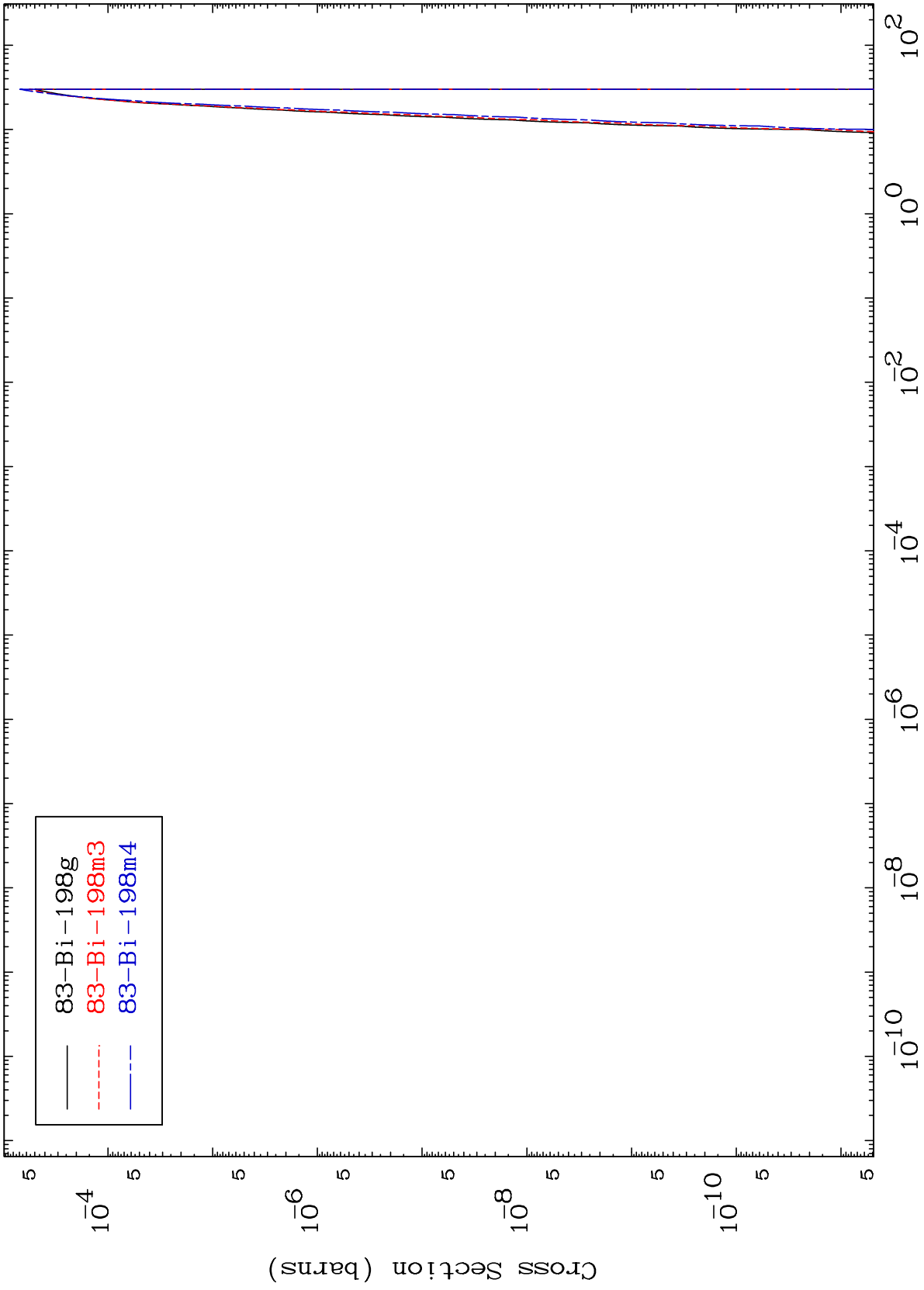
84-Po-199

MAT 8405

(d, He-3)

84-Po-199

Radionuclide Production Cross Section



29

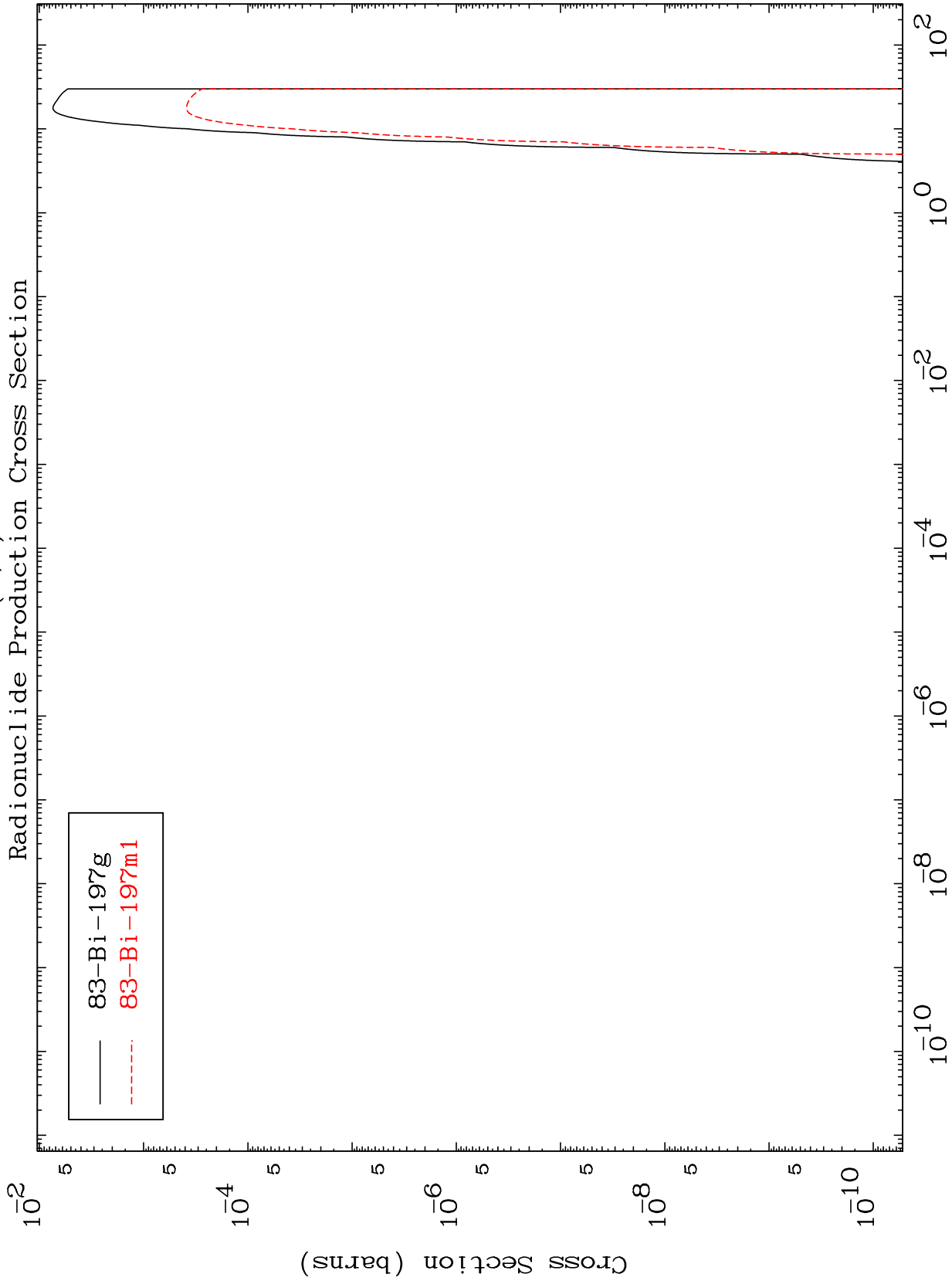
Incident Energy (MeV)

84-Po-199

MAT 8405

(d,  $\alpha$ )

84-Po-199

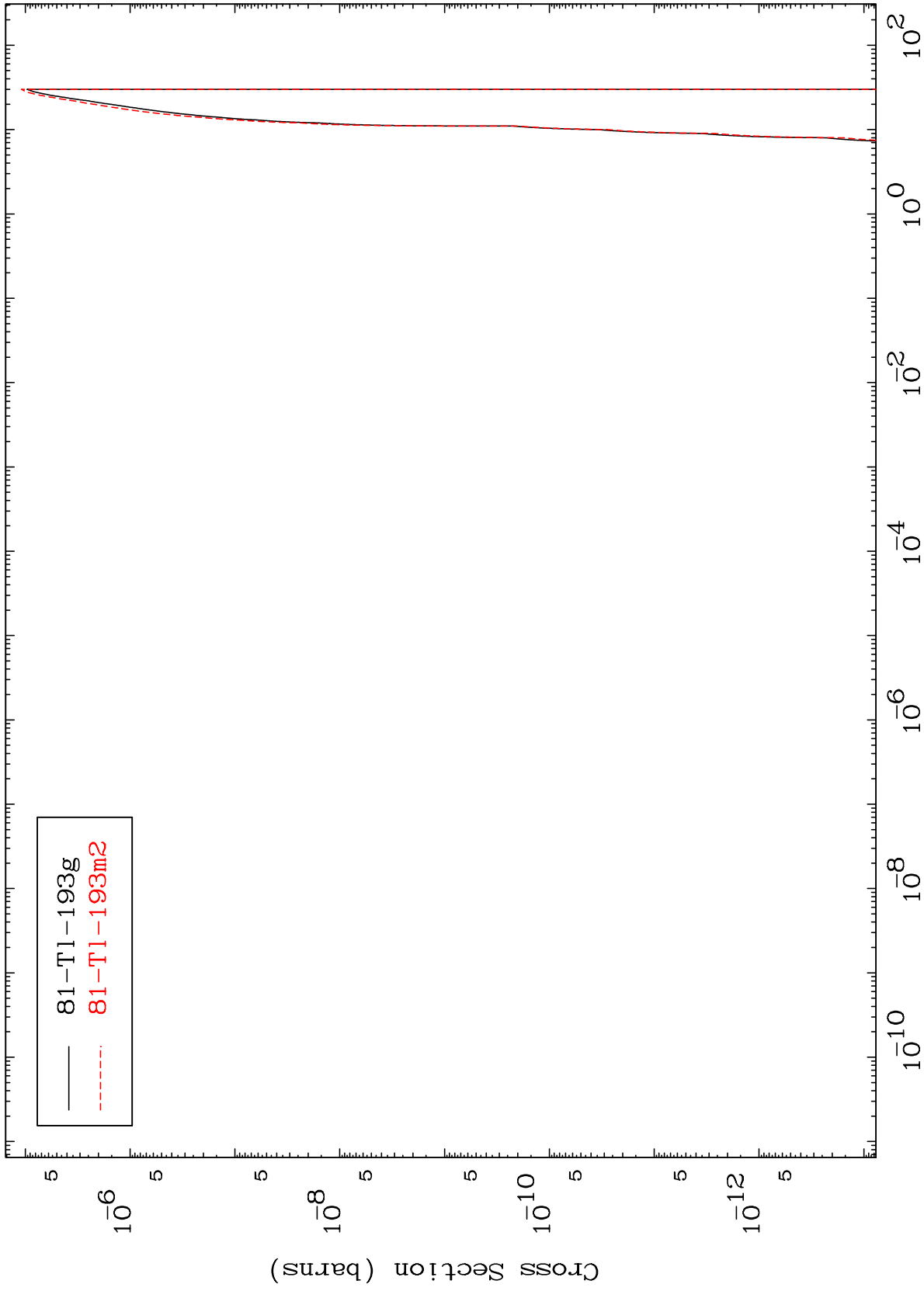


MAT 8405

(d,2α)

84-Po-199

Radionuclide Production Cross Section



31

Incident Energy (MeV)

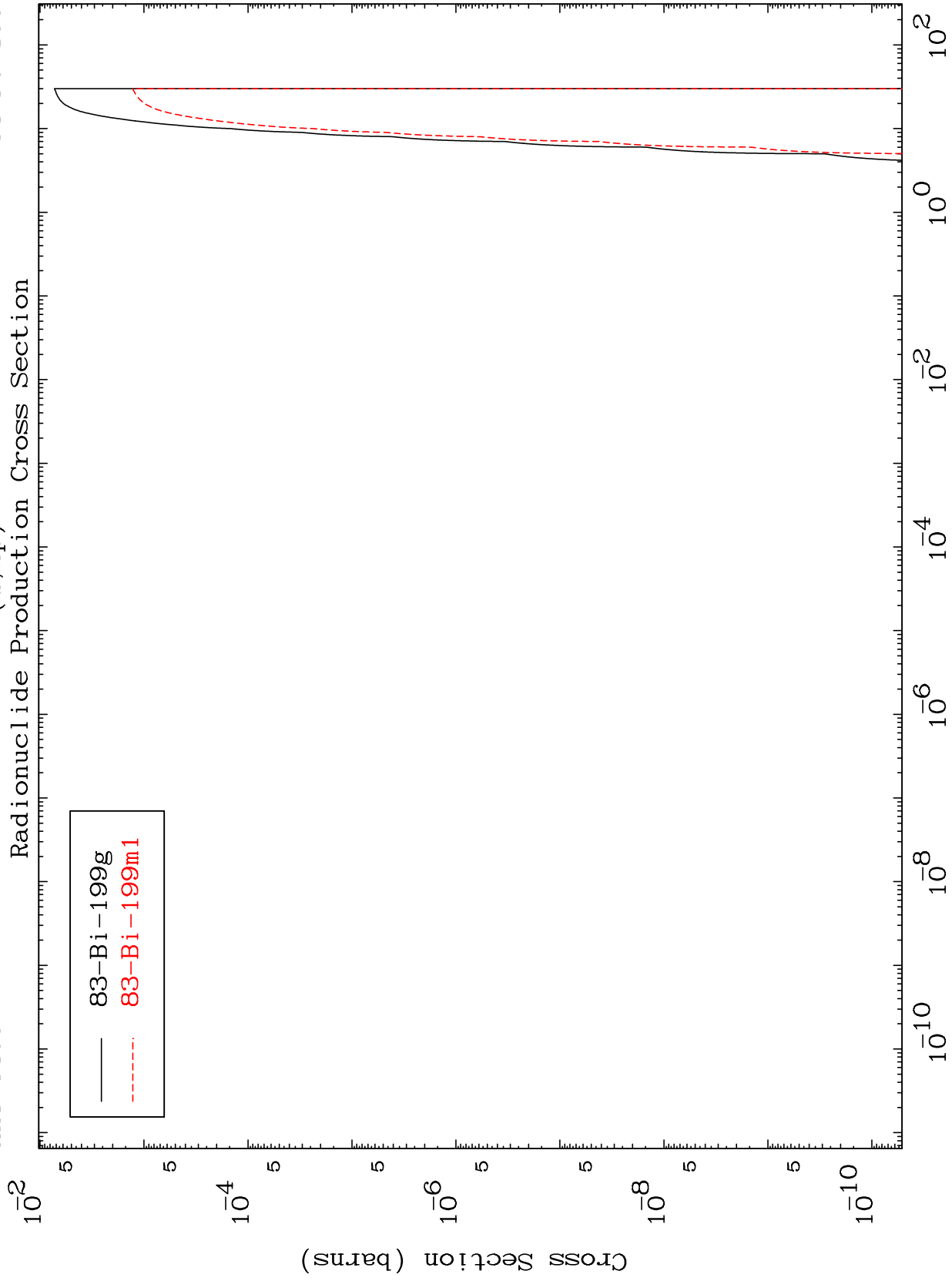
84-Po-199



MAT 8405

(d,2p)  
Radionuclide Production Cross Section

84-Po-199



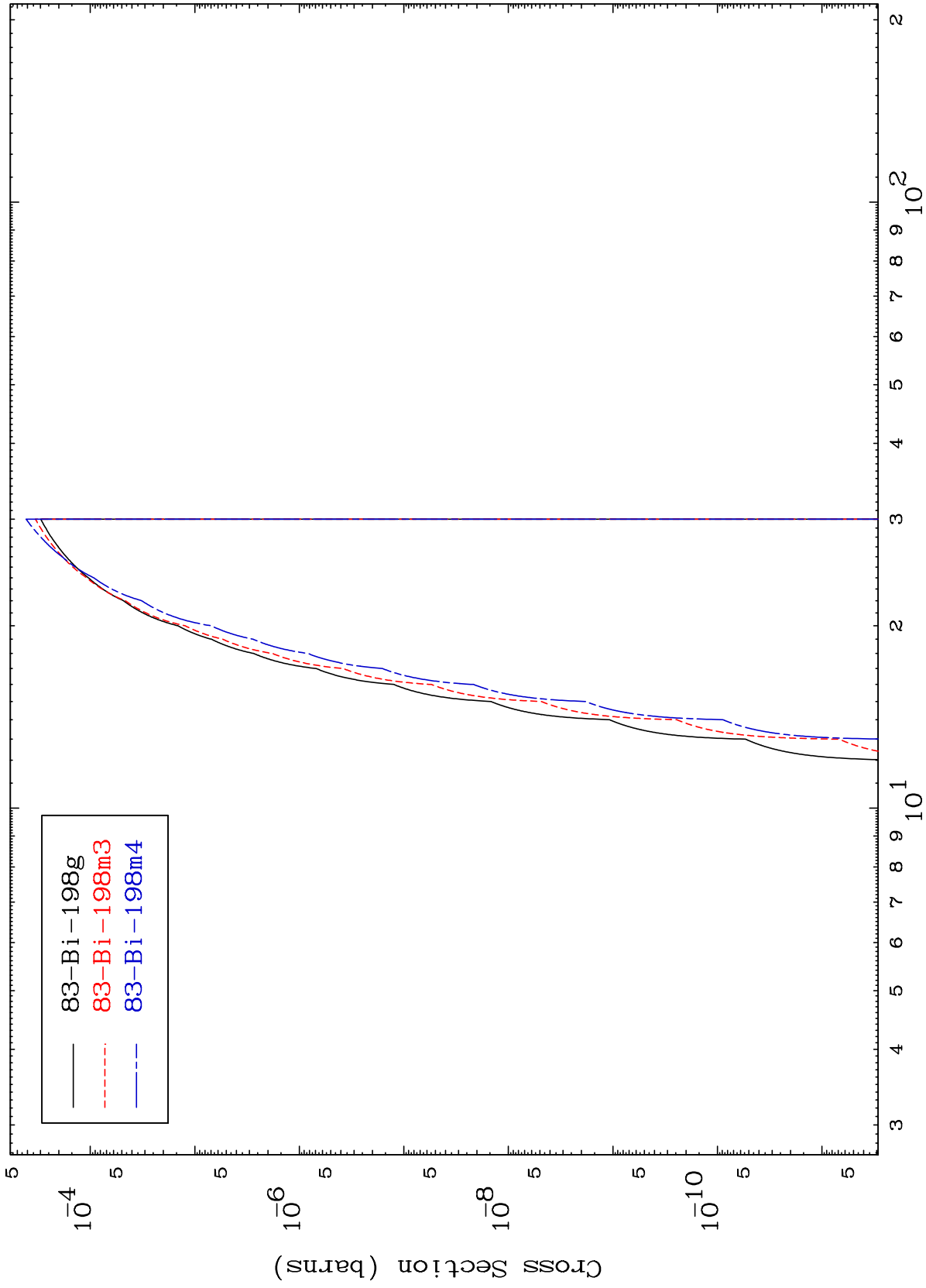
—  $^{83}\text{Bi-199g}$   
- - -  $^{83}\text{Bi-199m1}$

MAT 8405

(d,p) d

84-Po-199

Radionuclide Production Cross Section



33

Incident Energy (MeV)

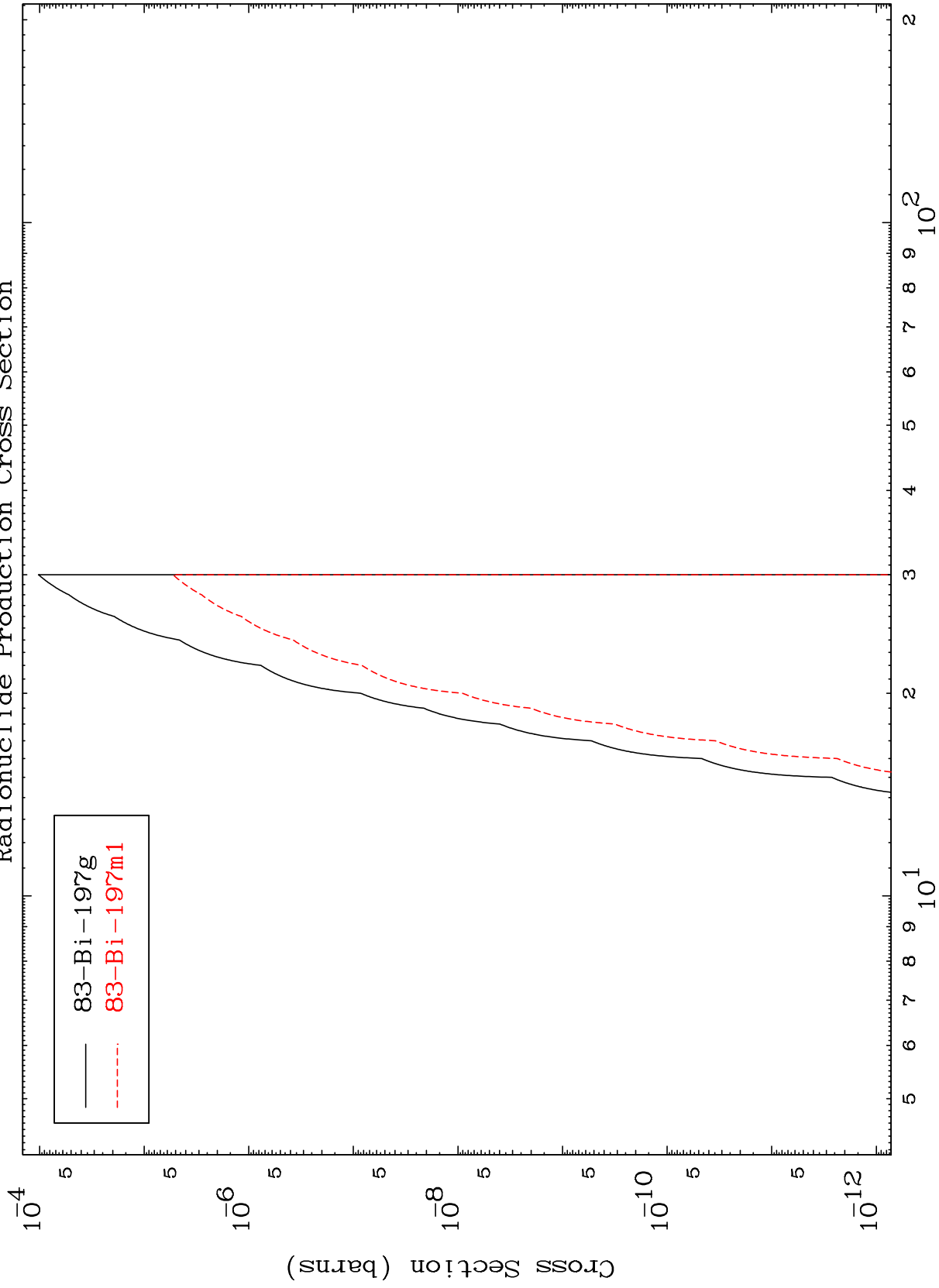
84-Po-199

MAT 8405

(d,p) t

84-Po-199

Radionuclide Production Cross Section



34

Incident Energy (MeV)

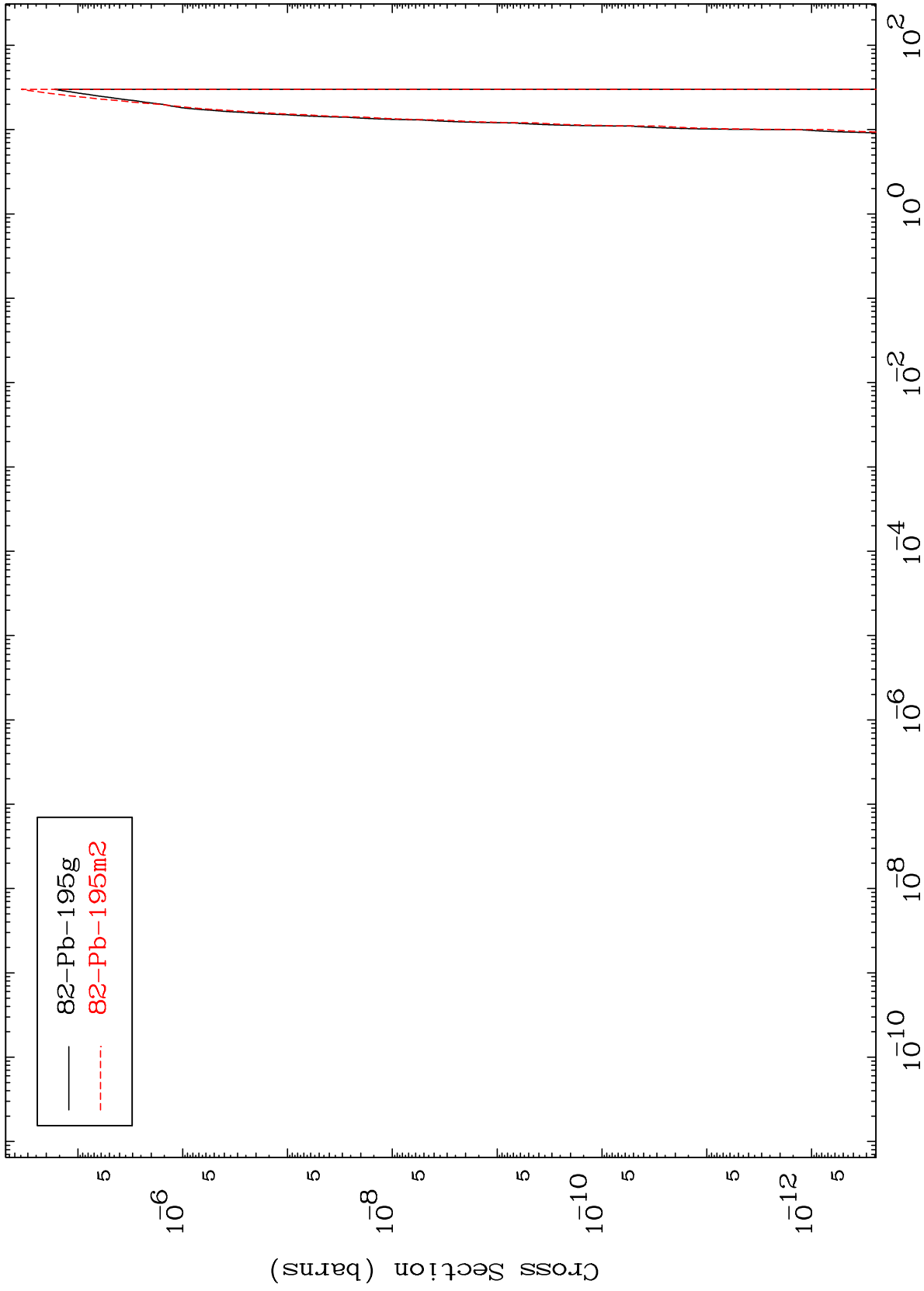
84-Po-199

MAT 8405

(d,d)  $\alpha$

84-Po-199

Radionuclide Production Cross Section



35

Incident Energy (MeV)

84-Po-199