

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

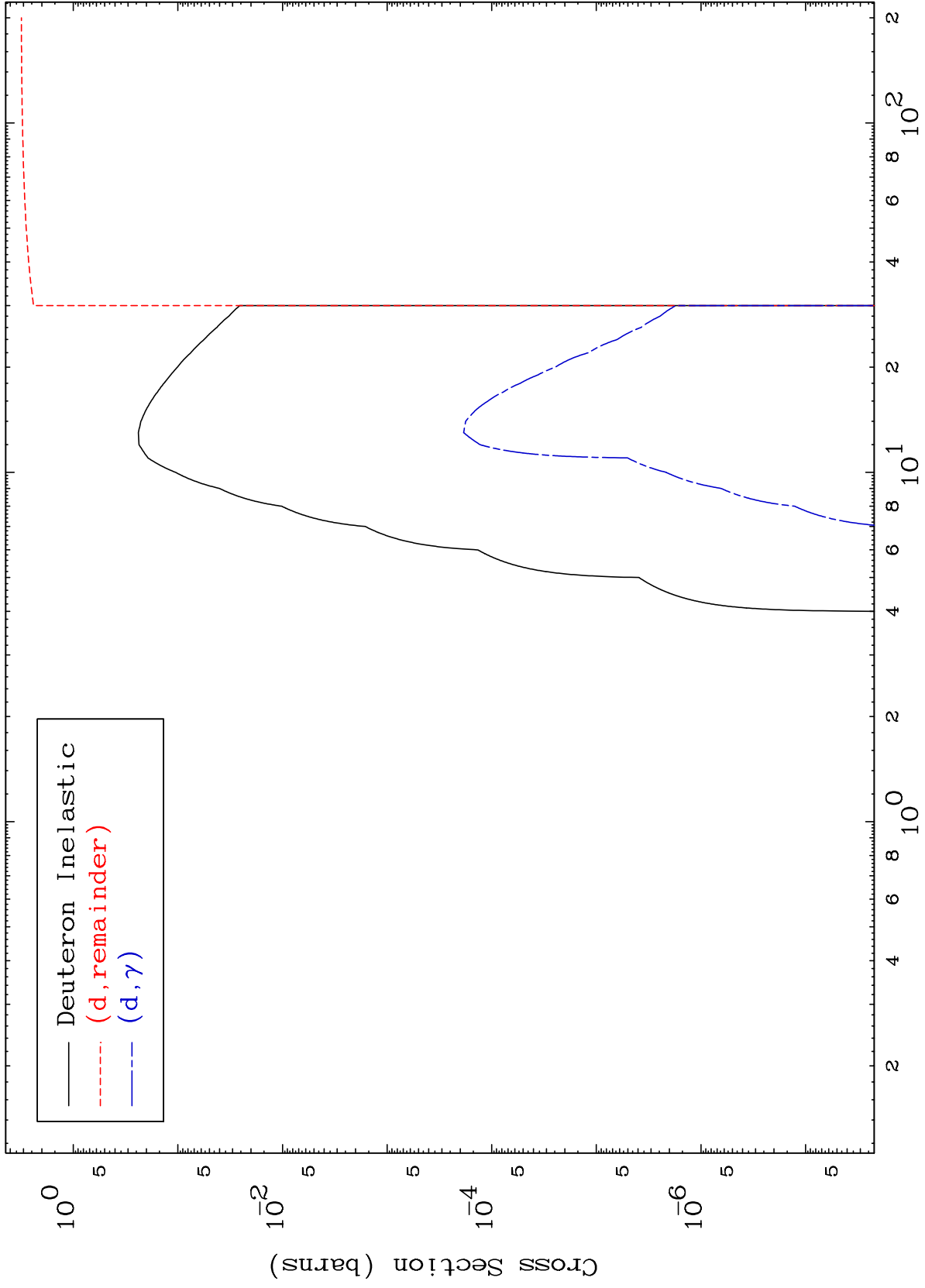
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

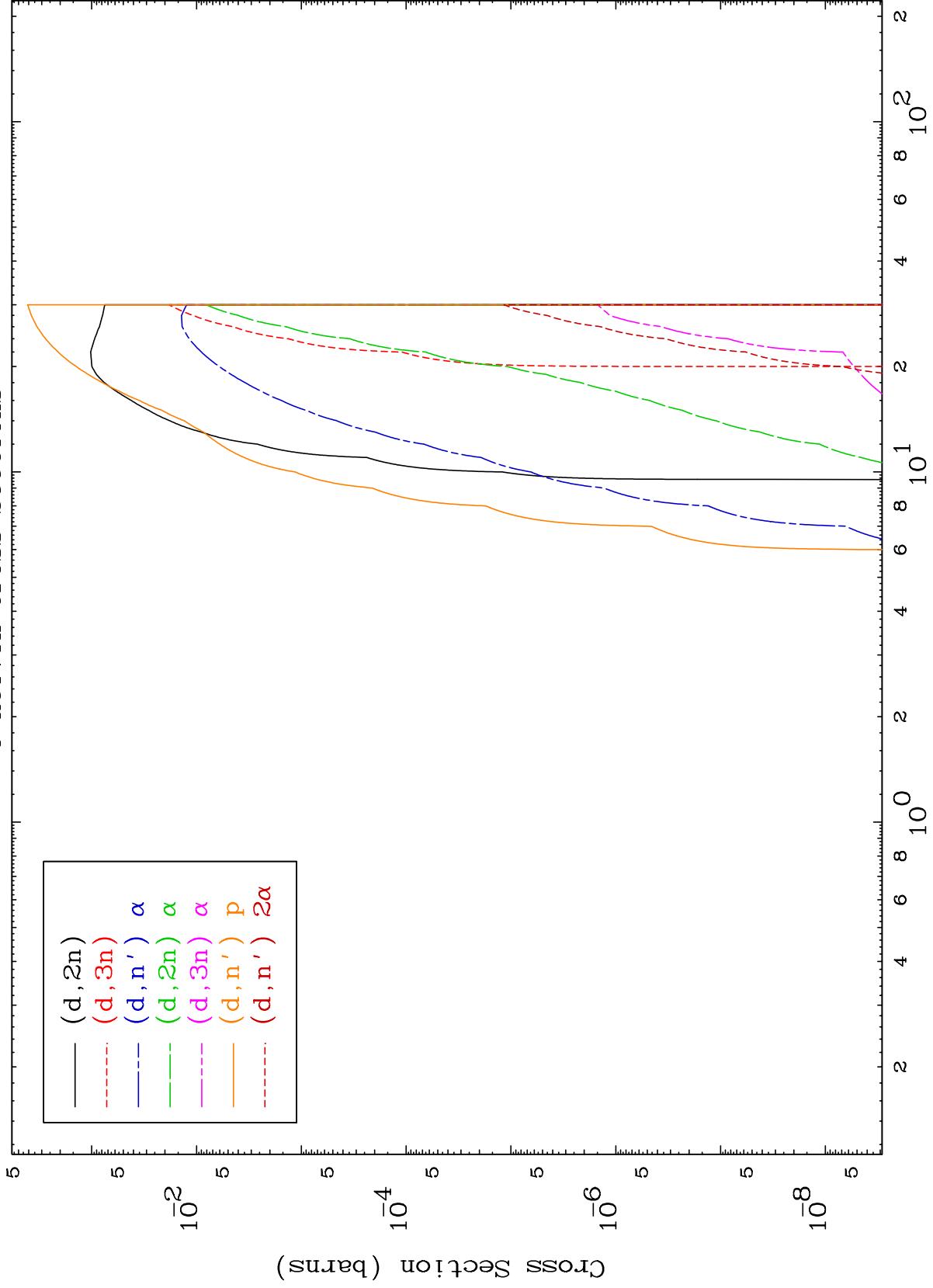
Tele: 925-443-1911

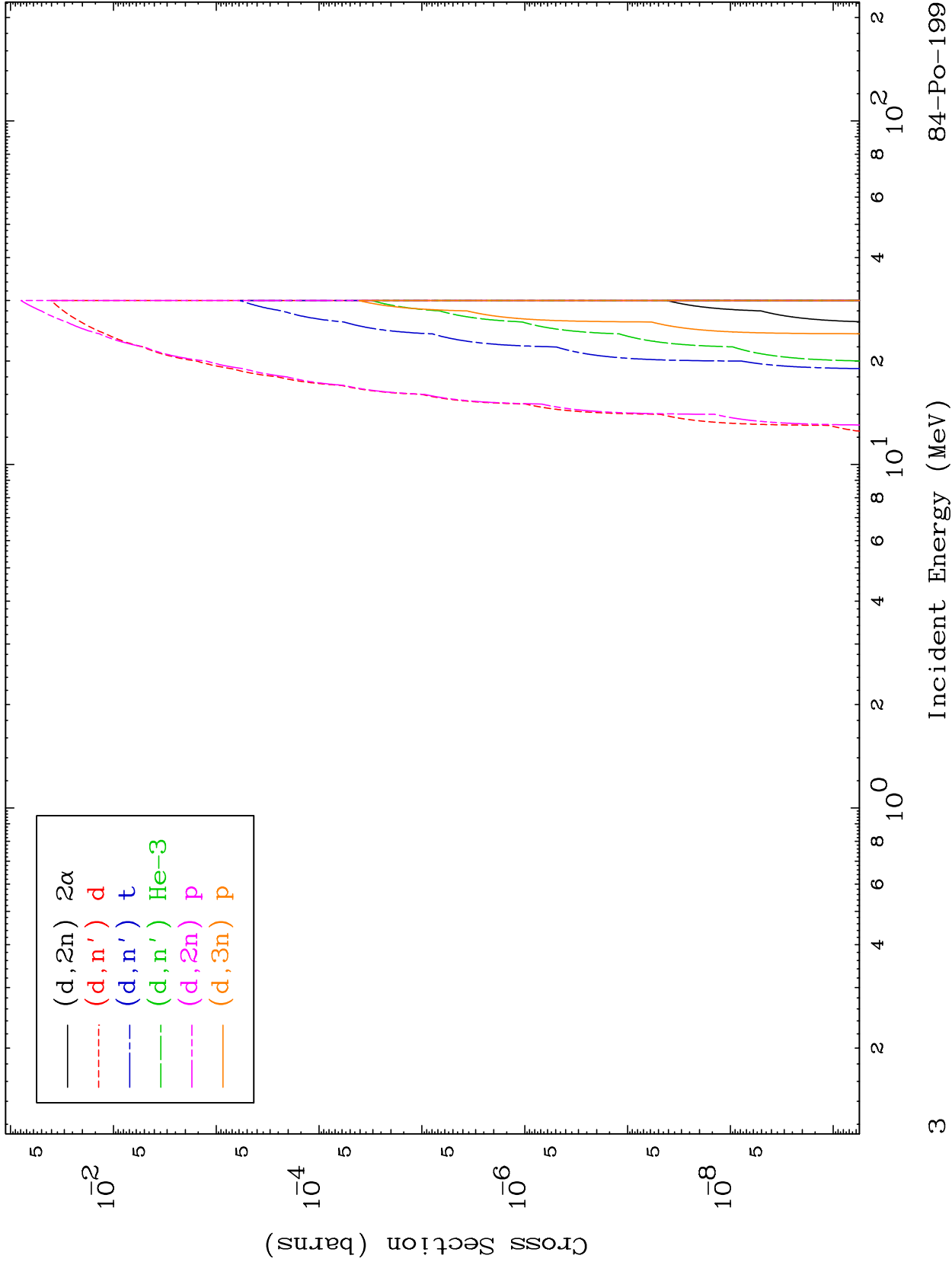
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



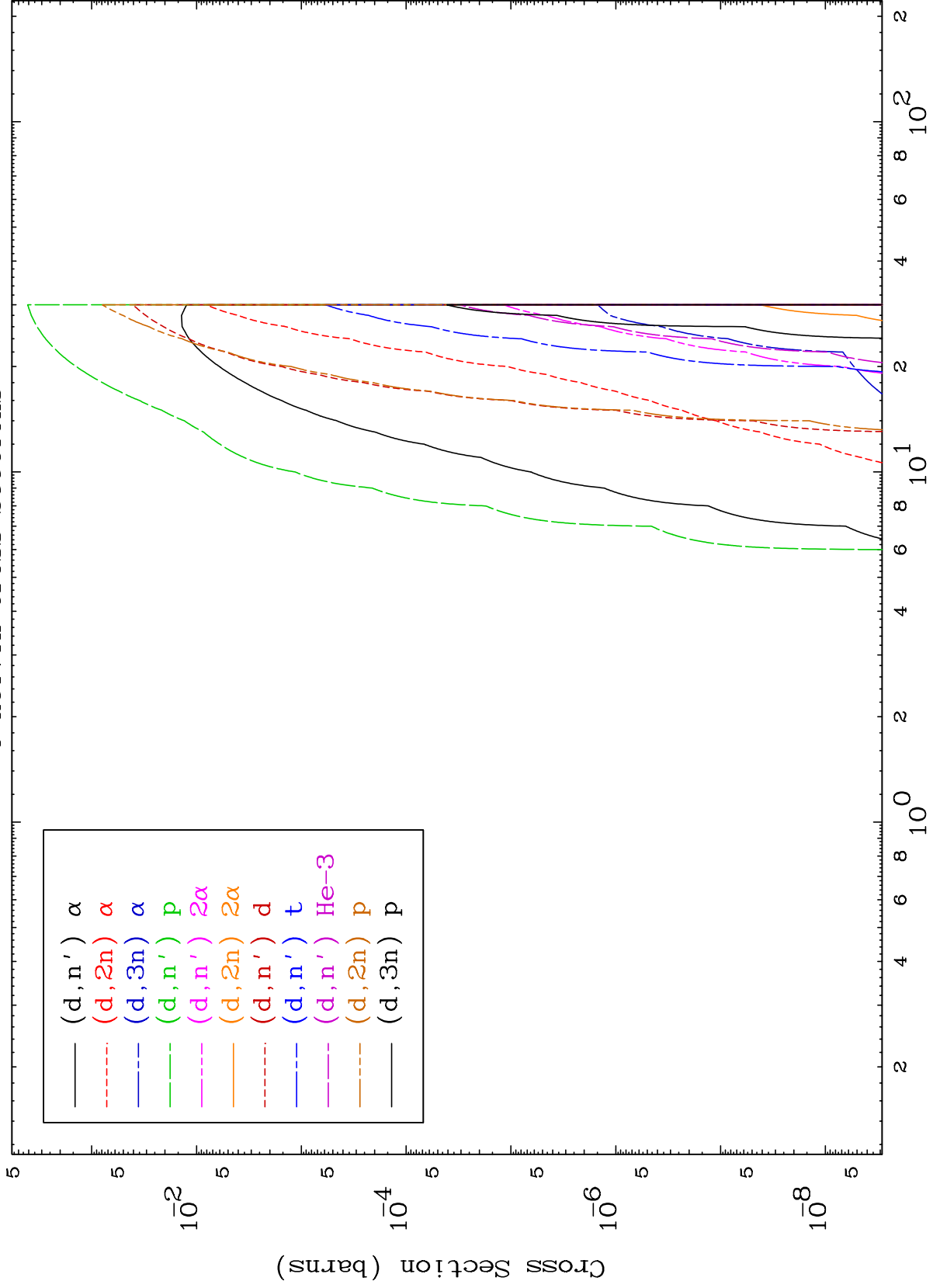


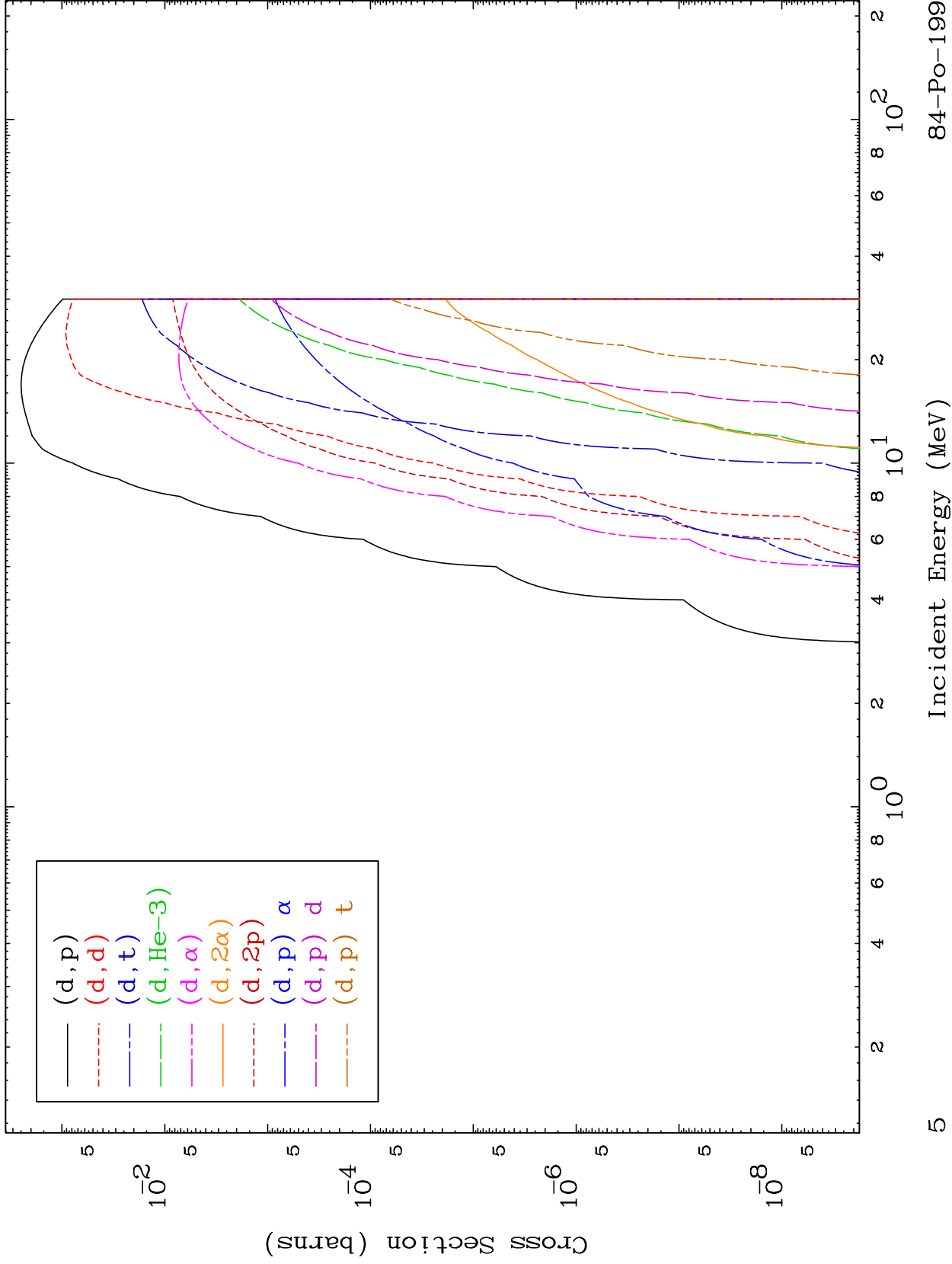


MAT 8404

Deuteron Charged Particle
0 Kelvin Cross Sections

84-Po-199



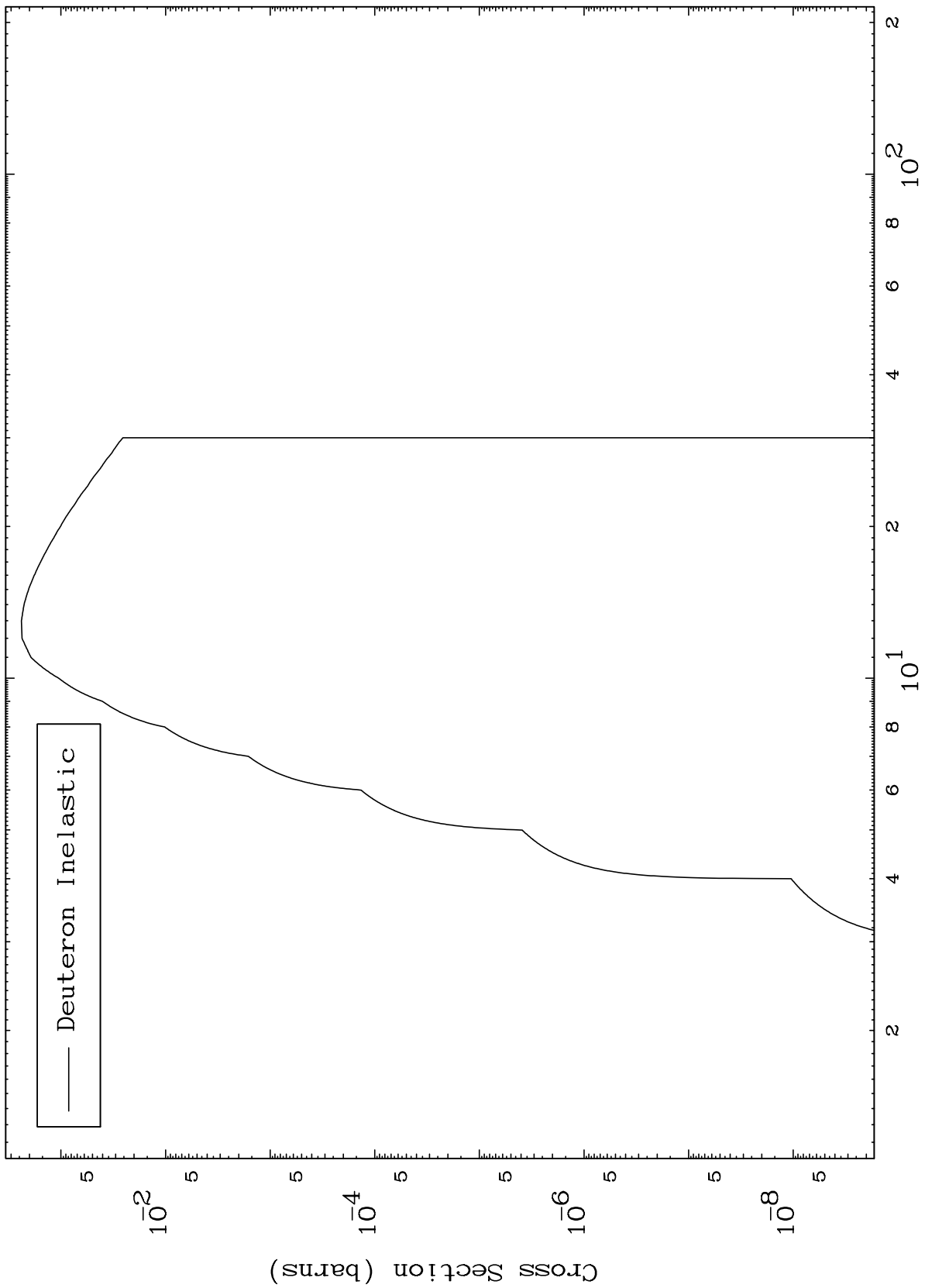


MAT 8404

(d,n') Level

84-Po-199

0 Kelvin Cross Sections



— Deuteron Inelastic

6

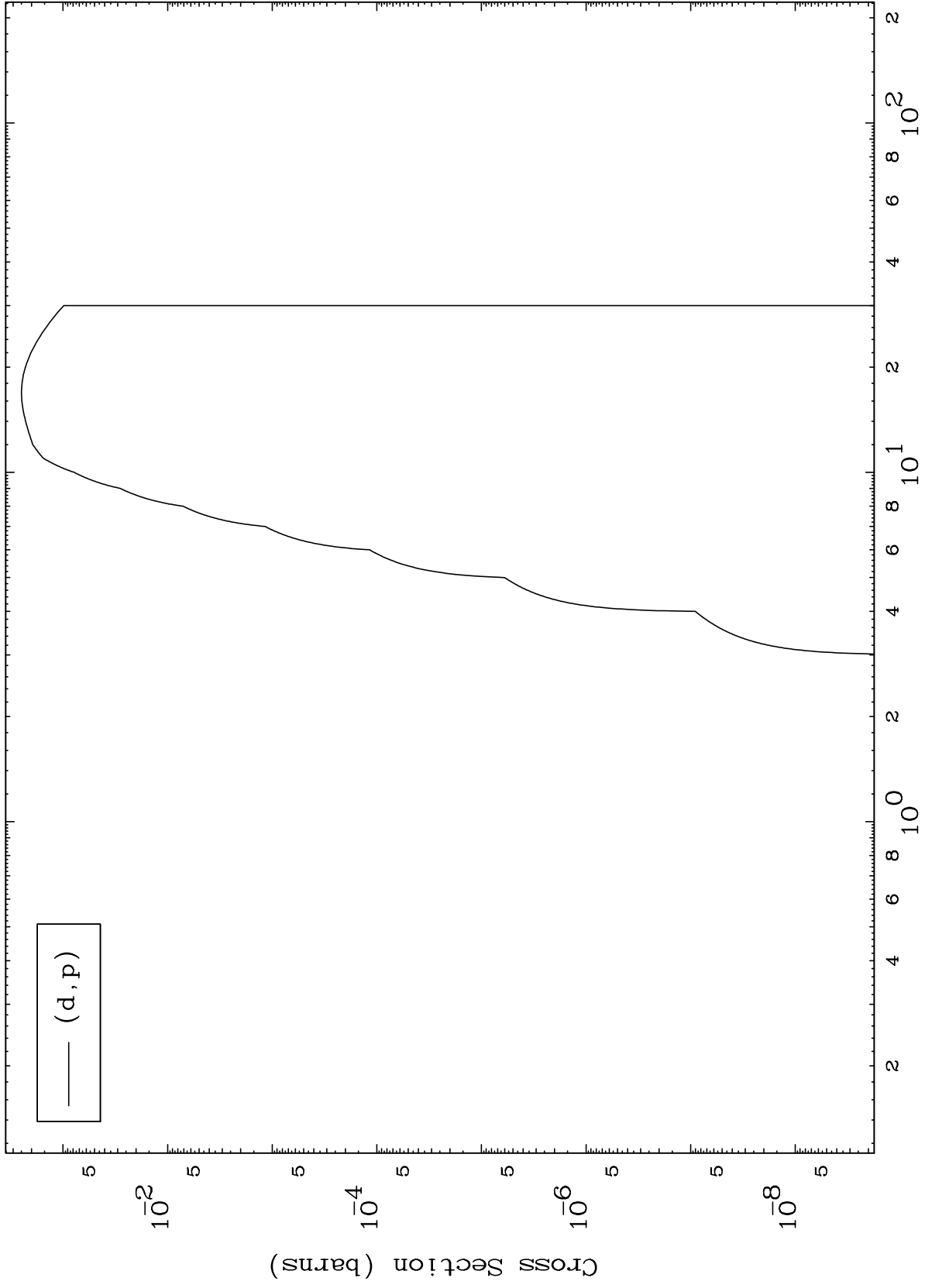
Incident Energy (MeV)

84-Po-199

MAT 8404

(d,p) Levels
0 Kelvin Cross Sections

84-Po-199

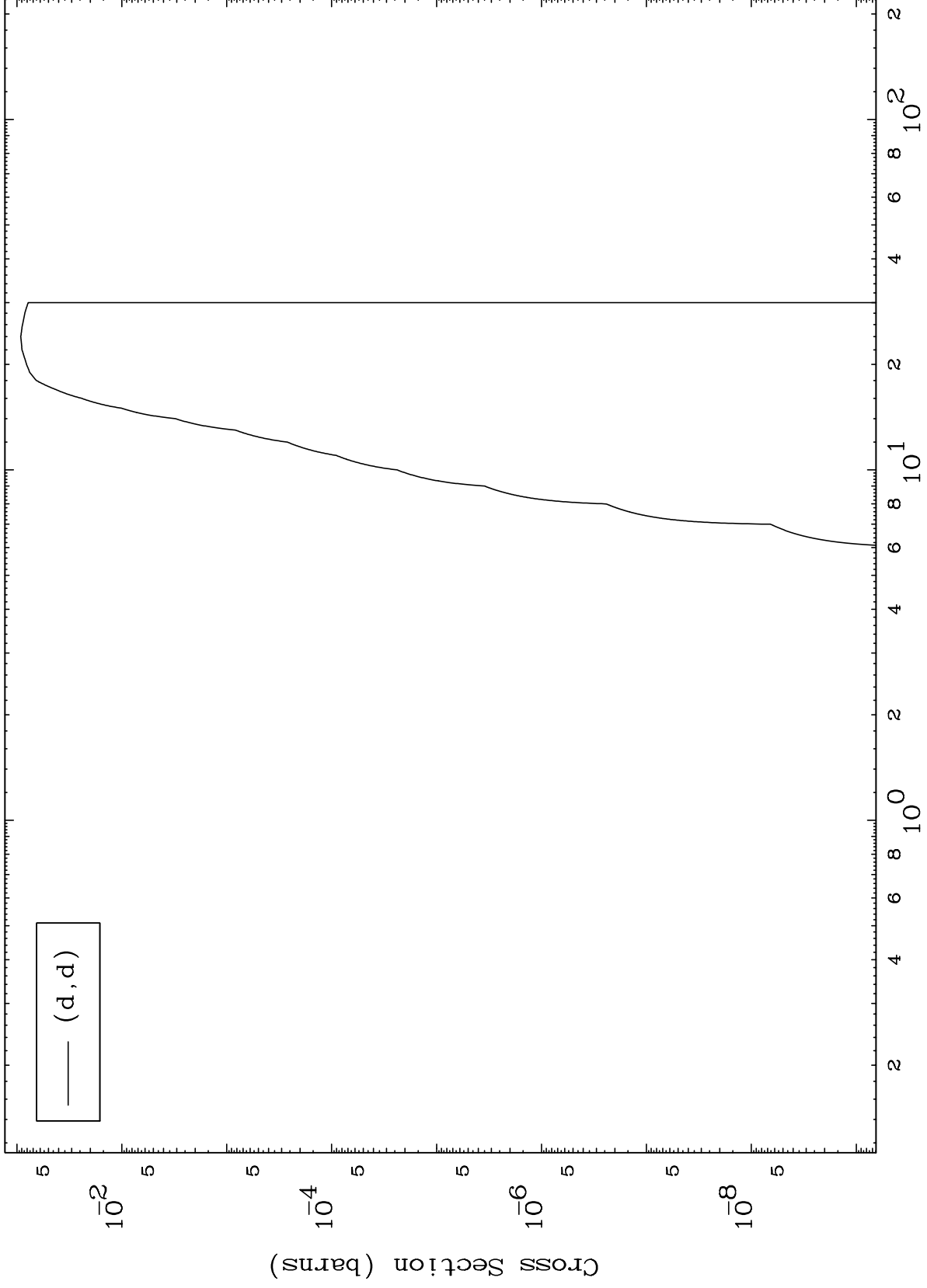


MAT 8404

(d,d) Levels

84-Po-199

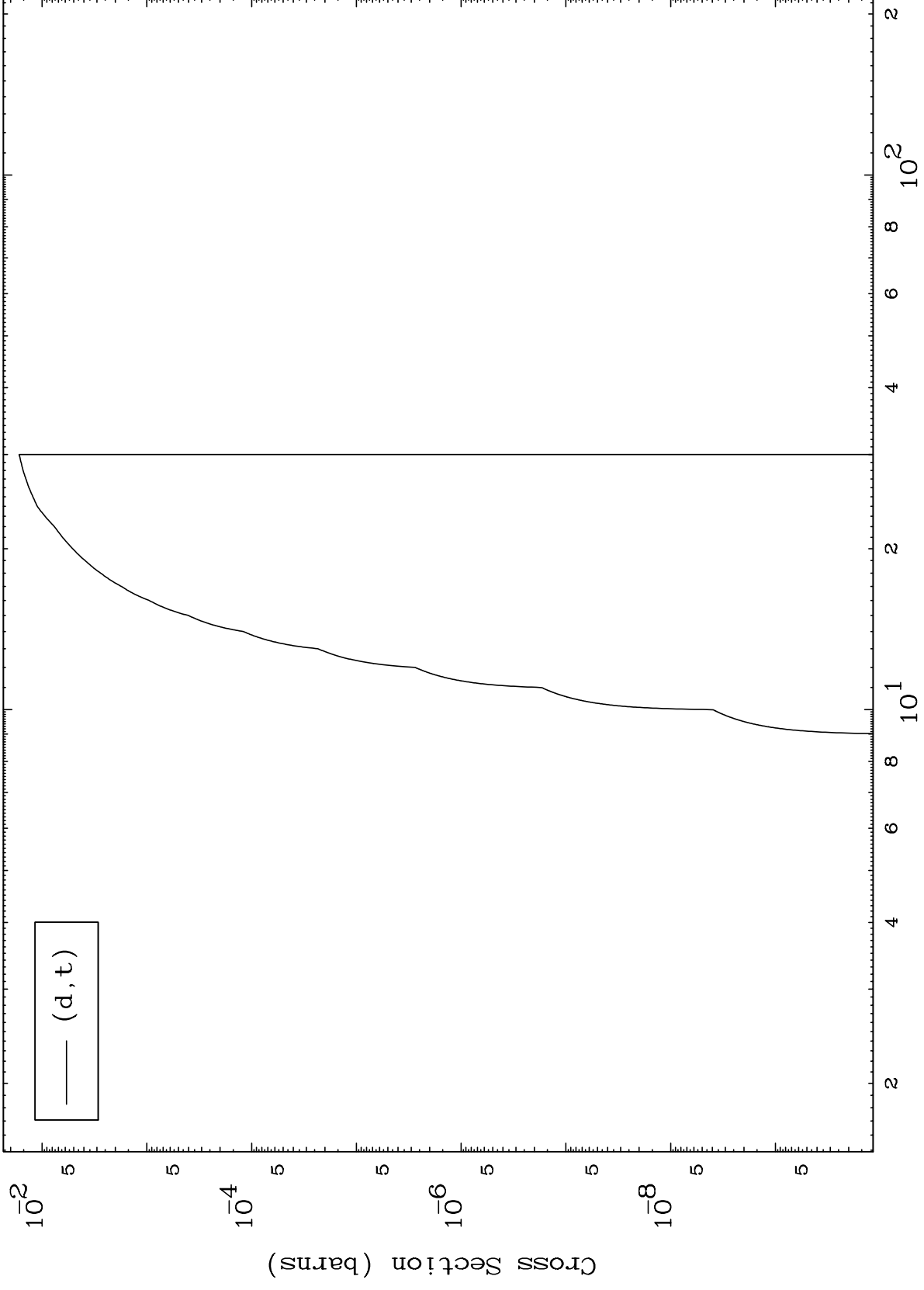
0 Kelvin Cross Sections



MAT 8404

(d,t) Levels
0 Kelvin Cross Sections

84-Po-199

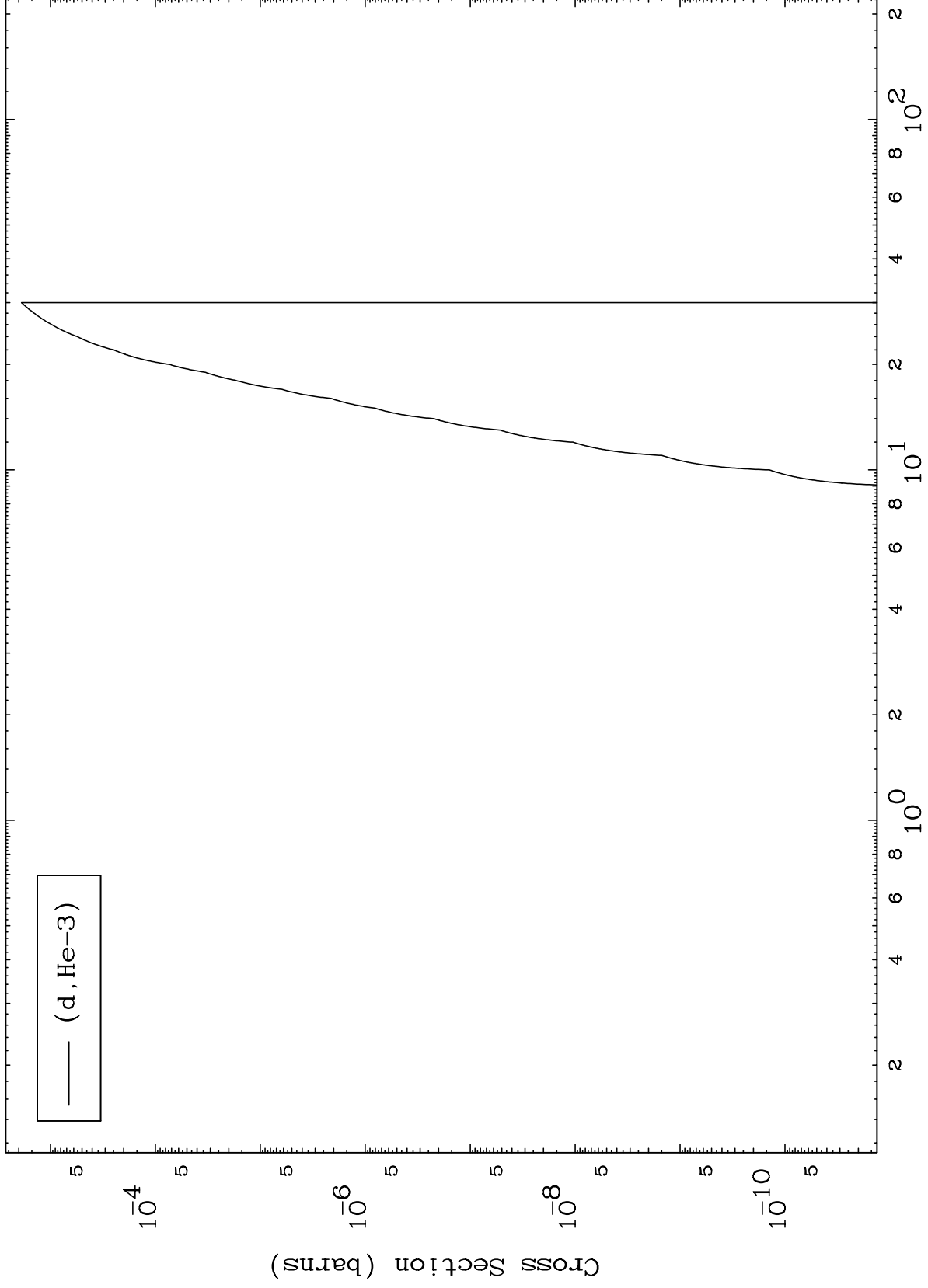


MAT 8404

(d,He3) Levels

84-Po-199

0 Kelvin Cross Sections



10

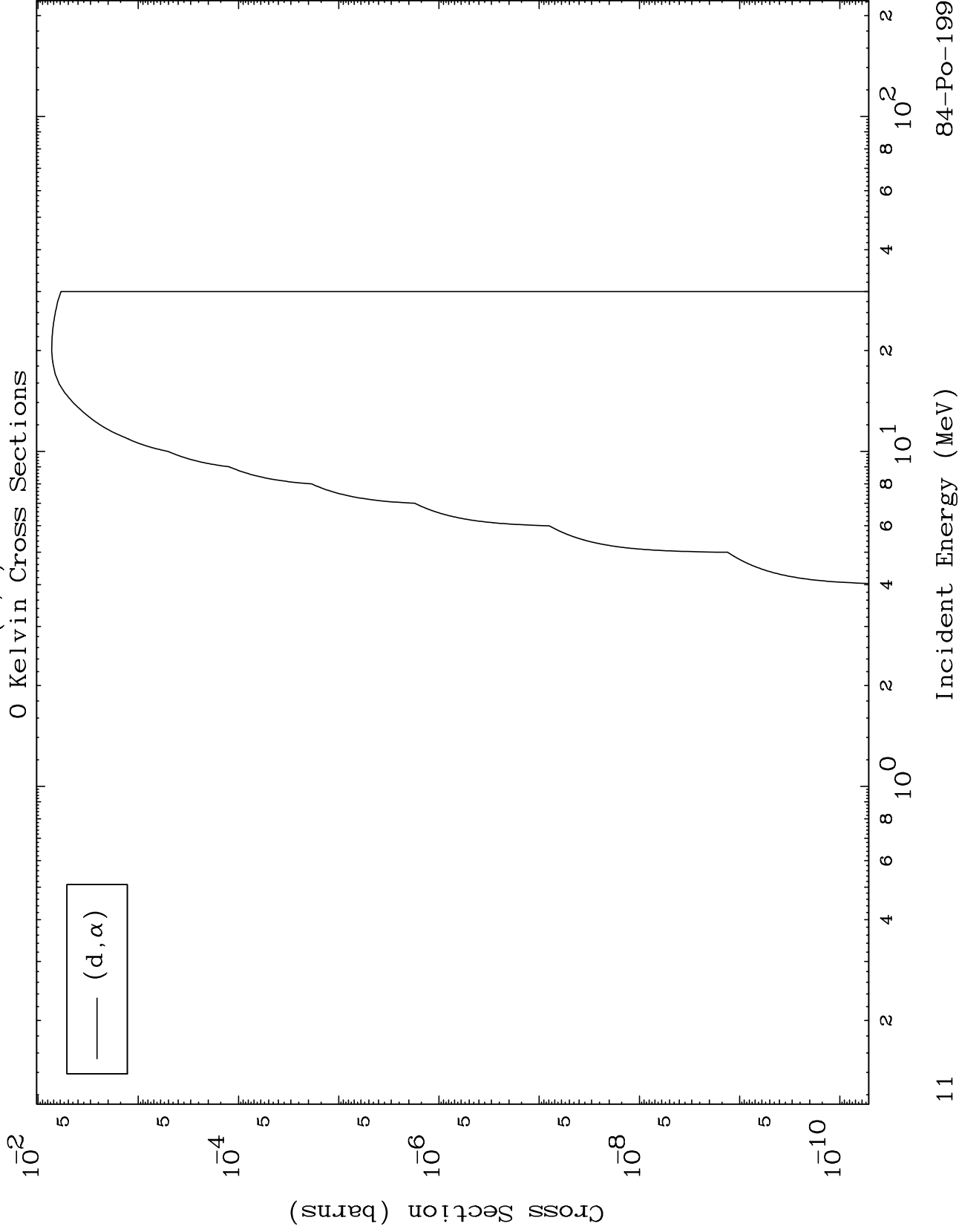
Incident Energy (MeV)

84-Po-199

MAT 8404

(d, α) Levels

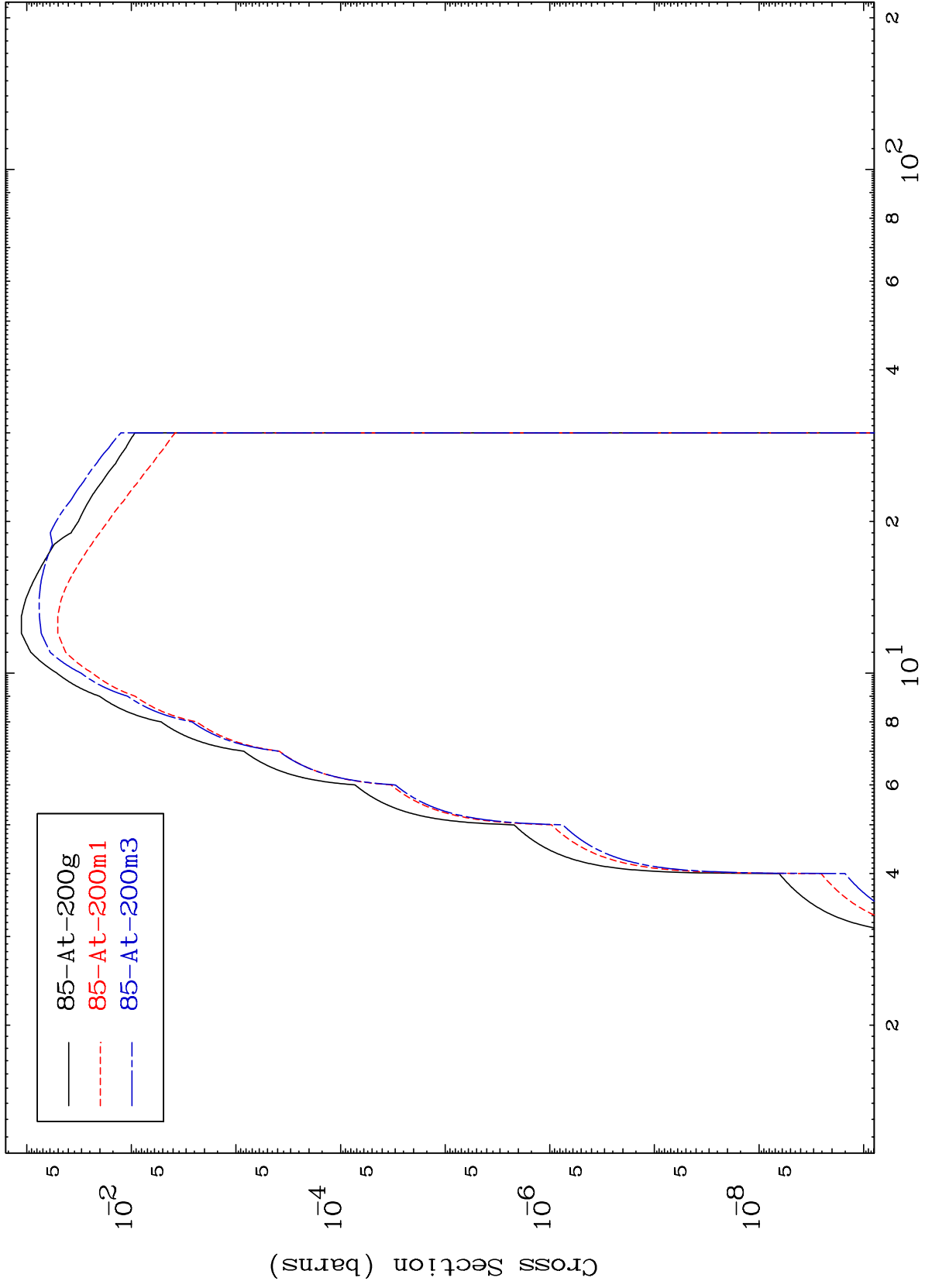
84-Po-199



MAT 8404

Deuteron Inelastic
Radionuclide Production Cross Section

84-Po-199

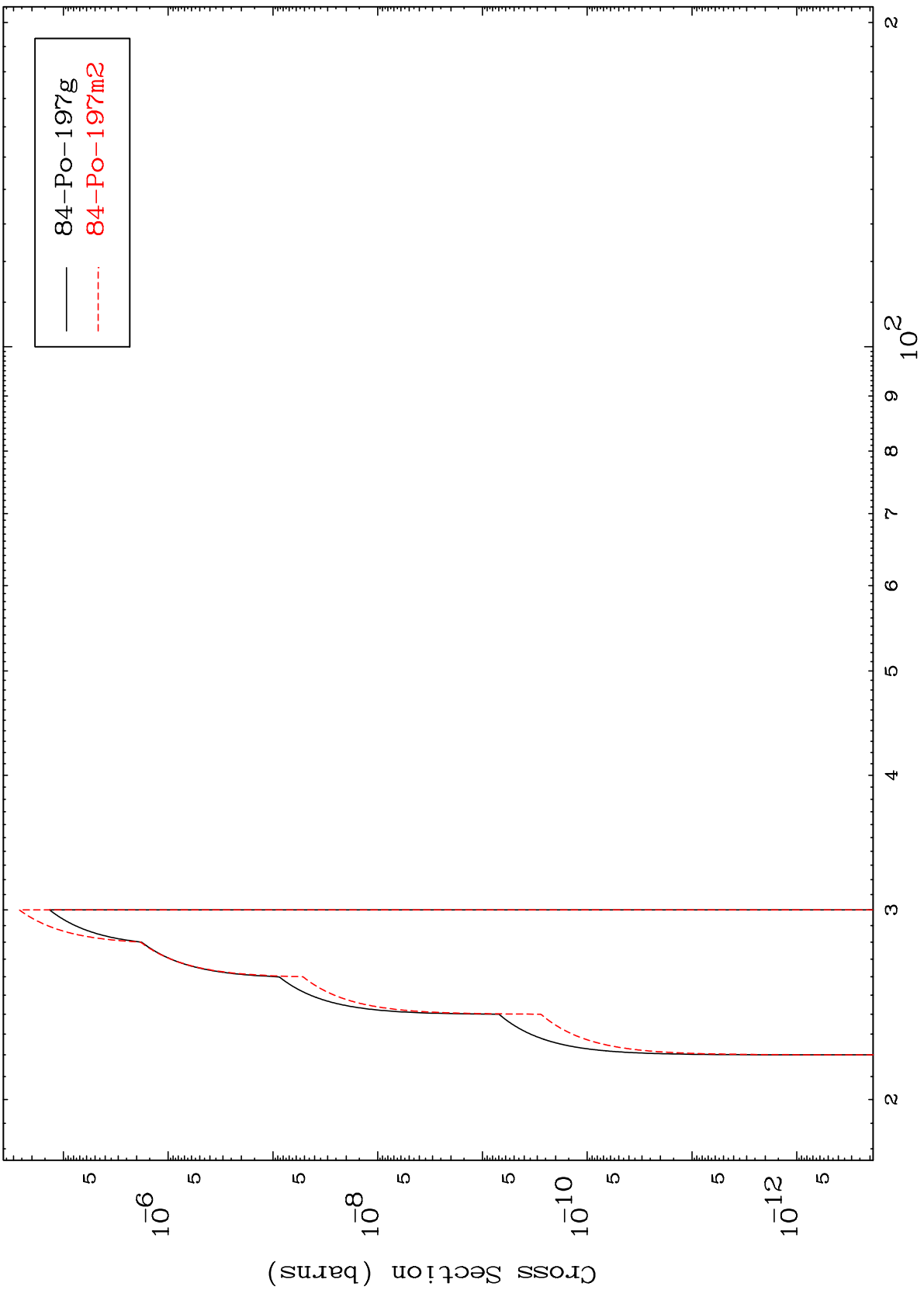


MAT 8404

(d,2n) d

84-Po-199

Radionuclide Production Cross Section



13

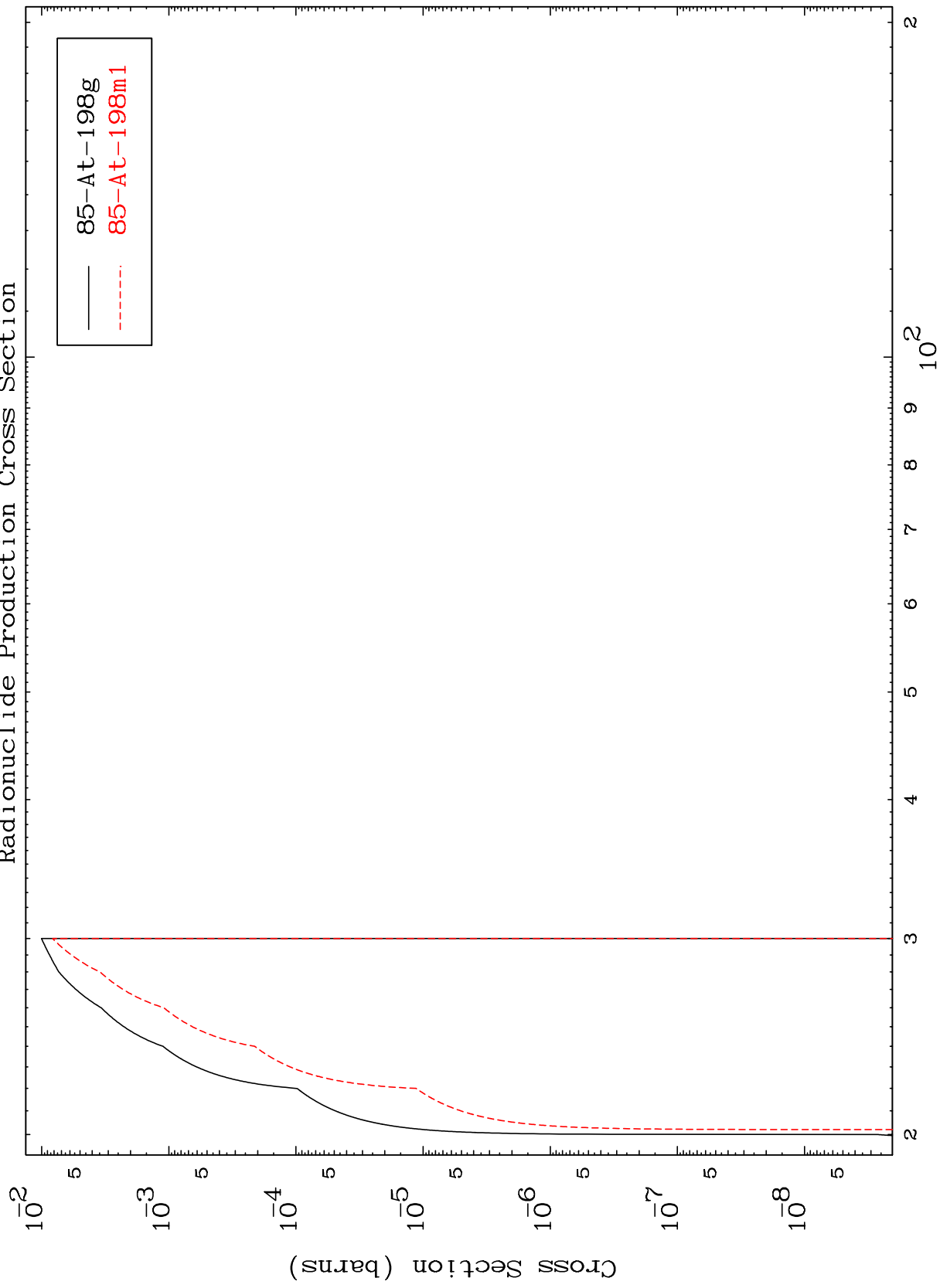
Incident Energy (MeV)

84-Po-199

MAT 8404

84-Po-199

(d,3n)
Radionuclide Production Cross Section



84-Po-199

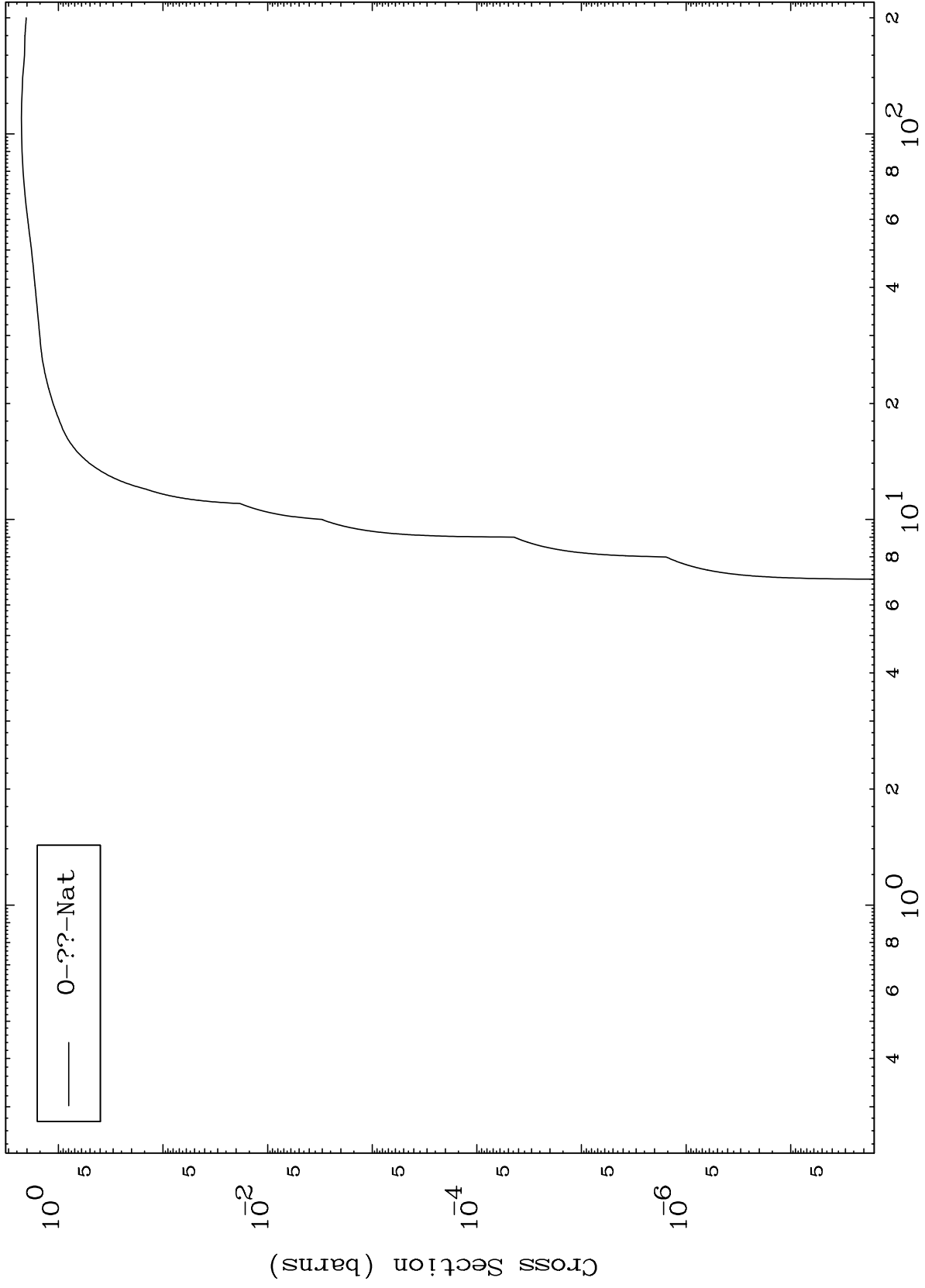
Incident Energy (MeV)

14

MAT 8404

84-Po-199

Deuteron Fission
Radionuclide Production Cross Section

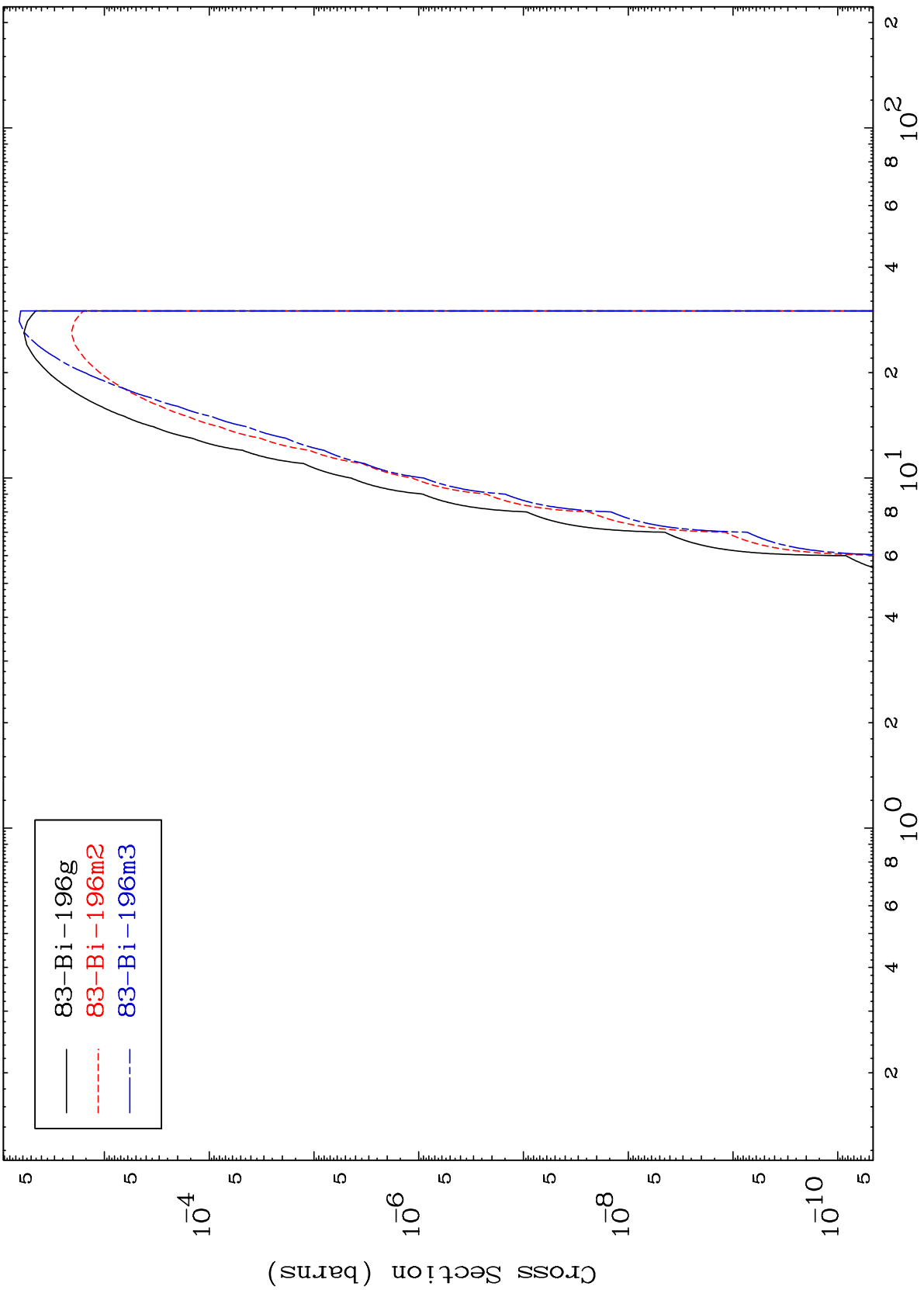


MAT 8404

(d,n') α

84-Po-199

Radionuclide Production Cross Section



16

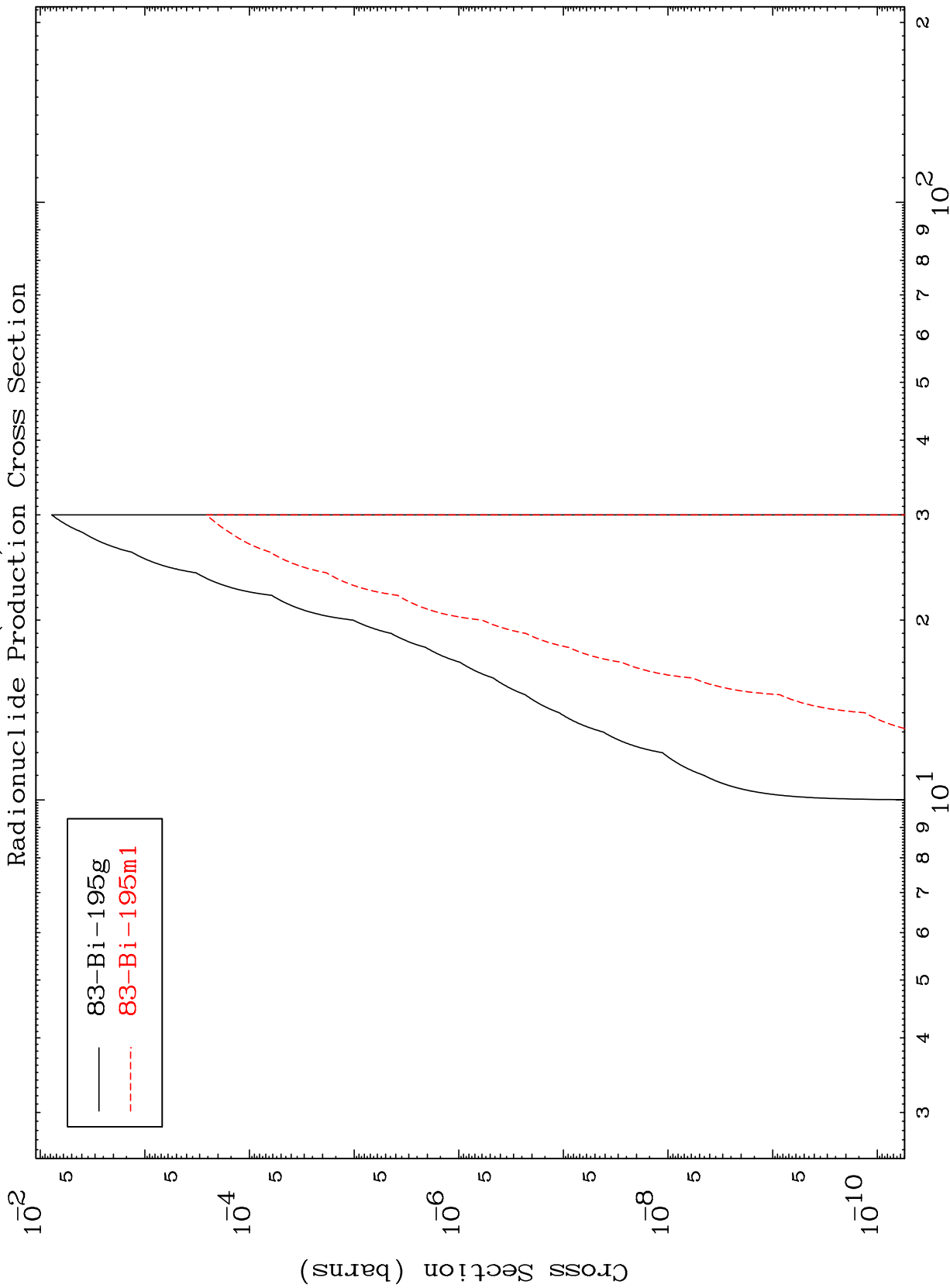
Incident Energy (MeV)

84-Po-199

MAT 8404

(d,2n) α

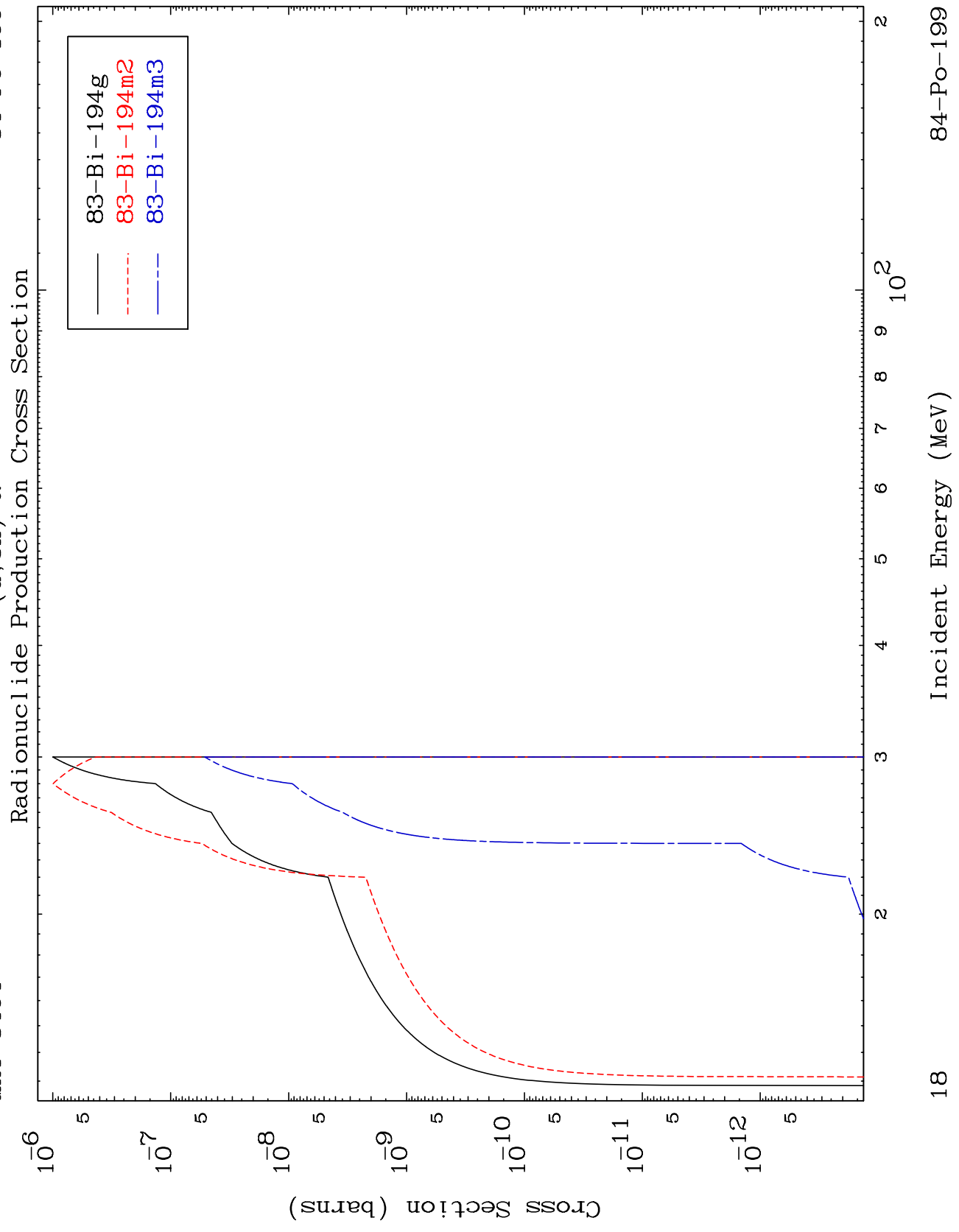
84-Po-199



17

Incident Energy (MeV)

84-Po-199

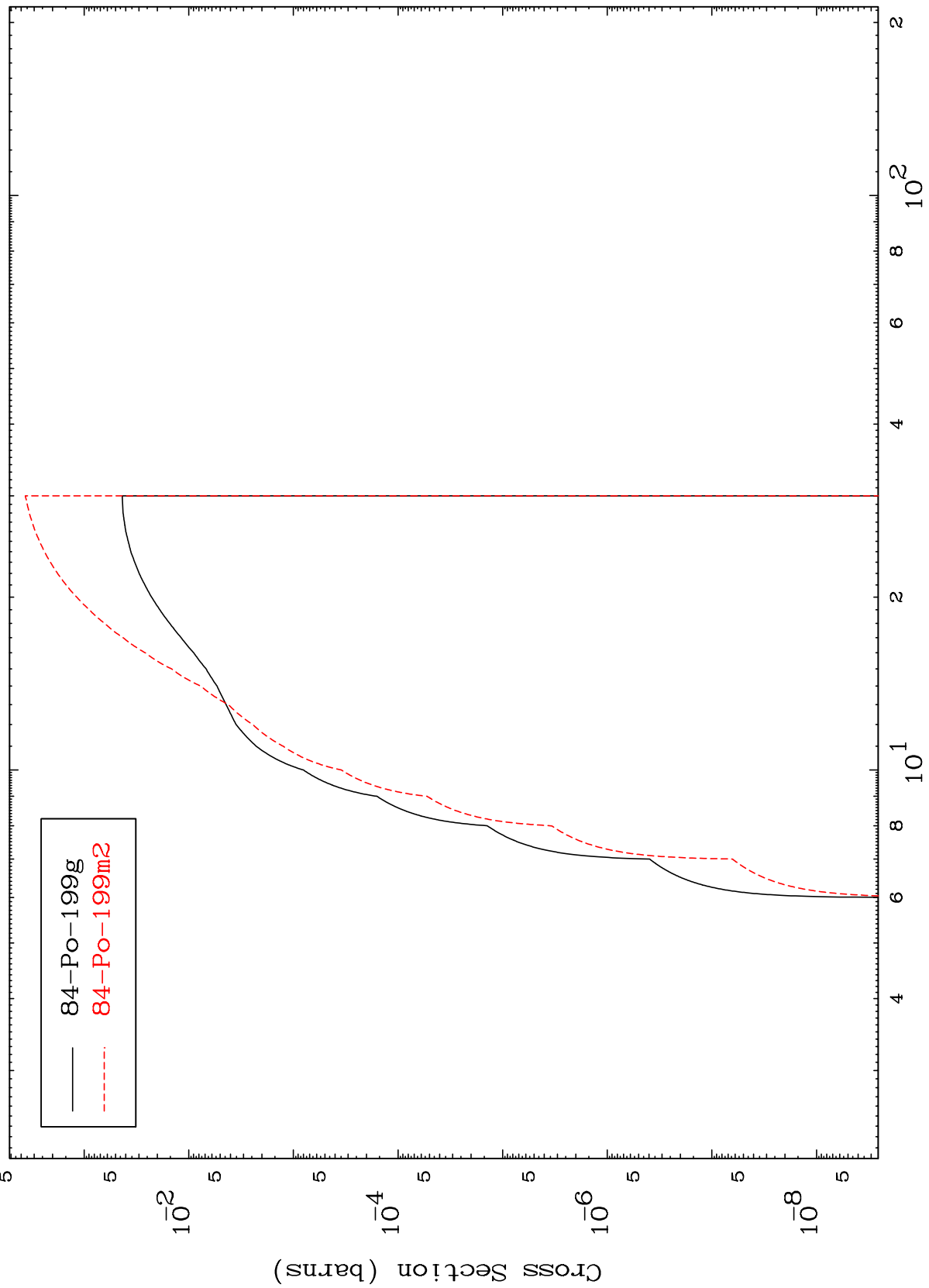


MAT 8404

(d,n') p

84-Po-199

Radionuclide Production Cross Section



19

Incident Energy (MeV)

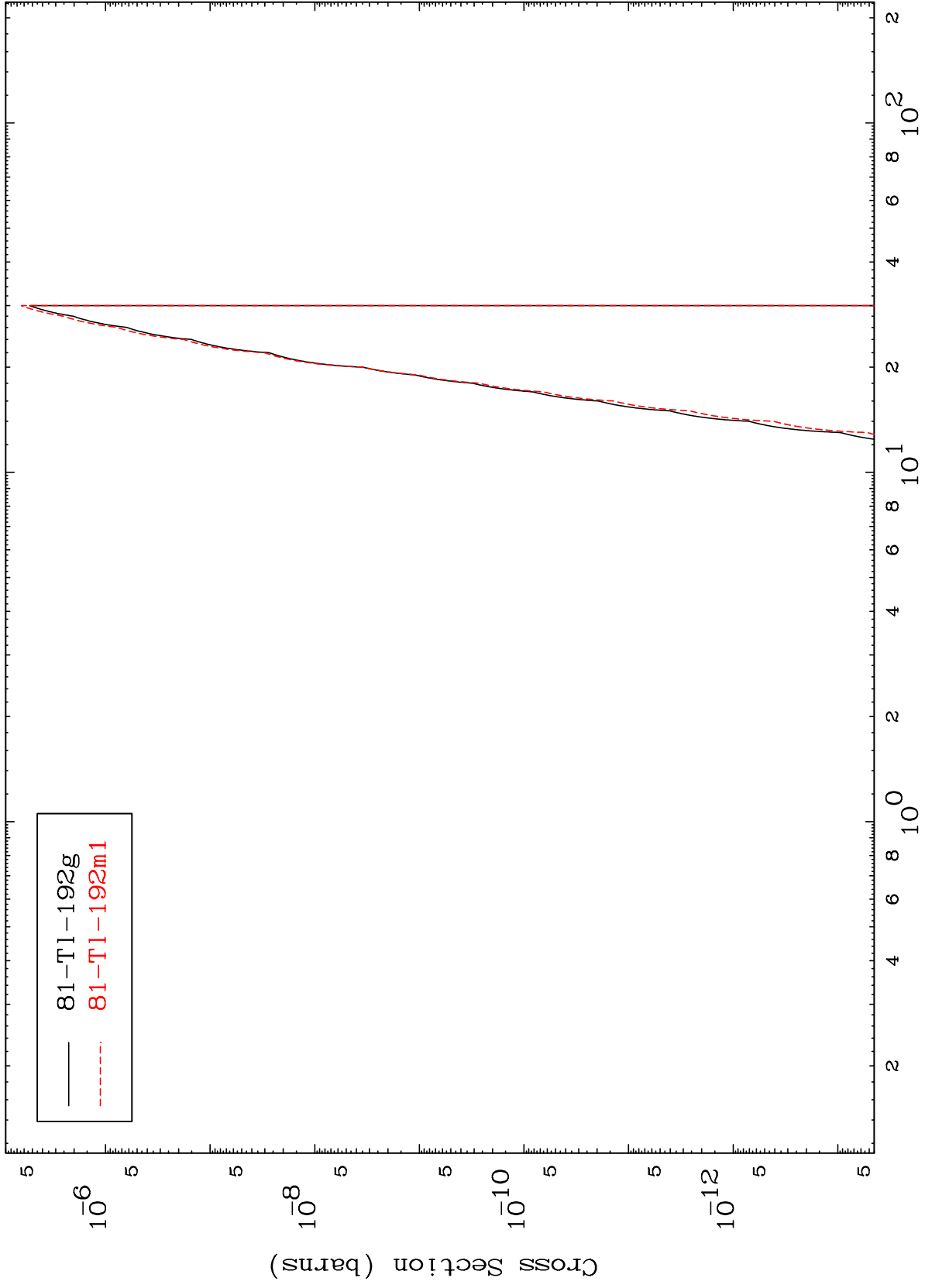
84-Po-199

MAT 8404

(d,n') 2α

84-Po-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

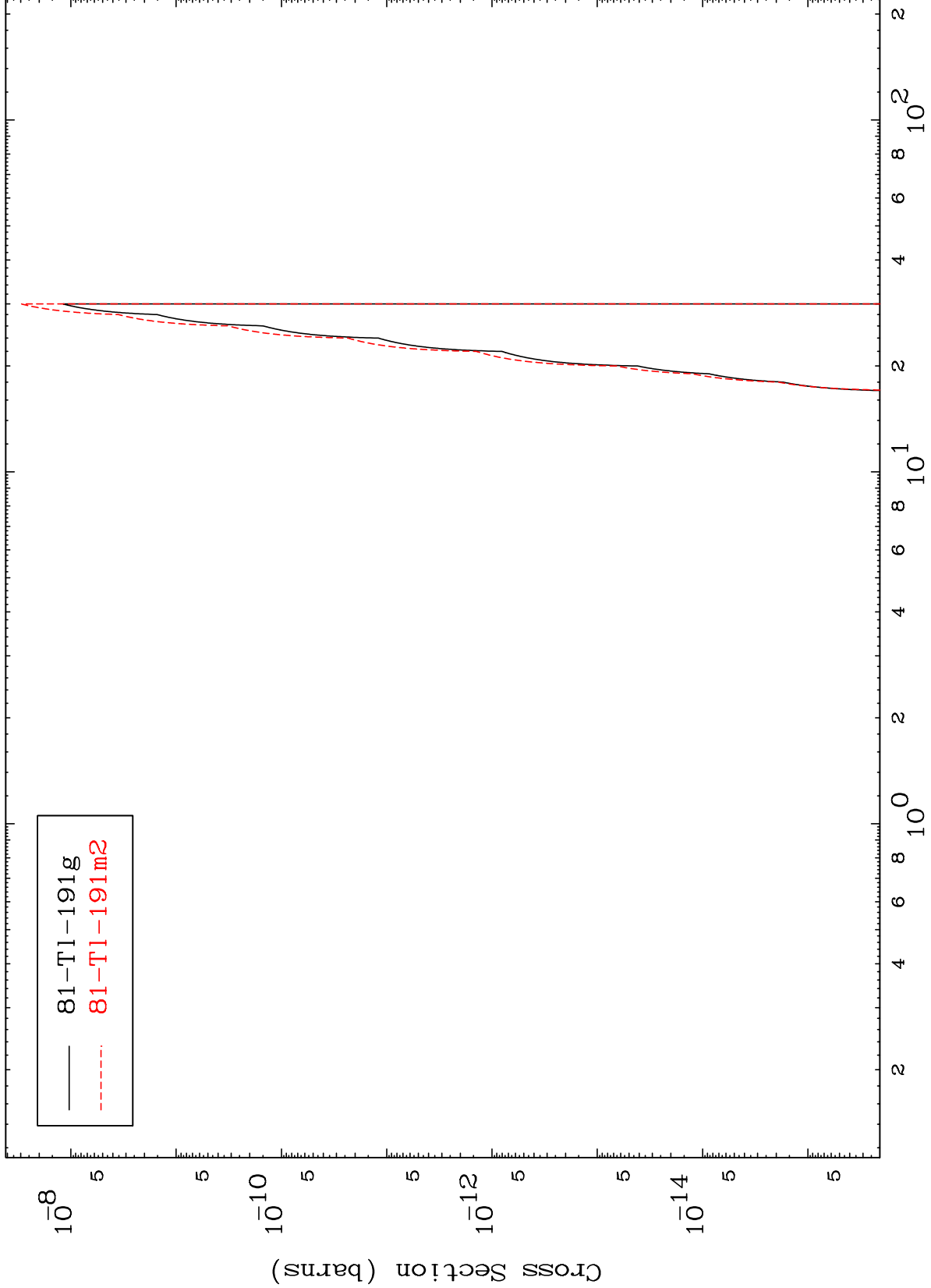
84-Po-199

MAT 8404

(d,2n) ^{201}Tl

^{201}Po -199

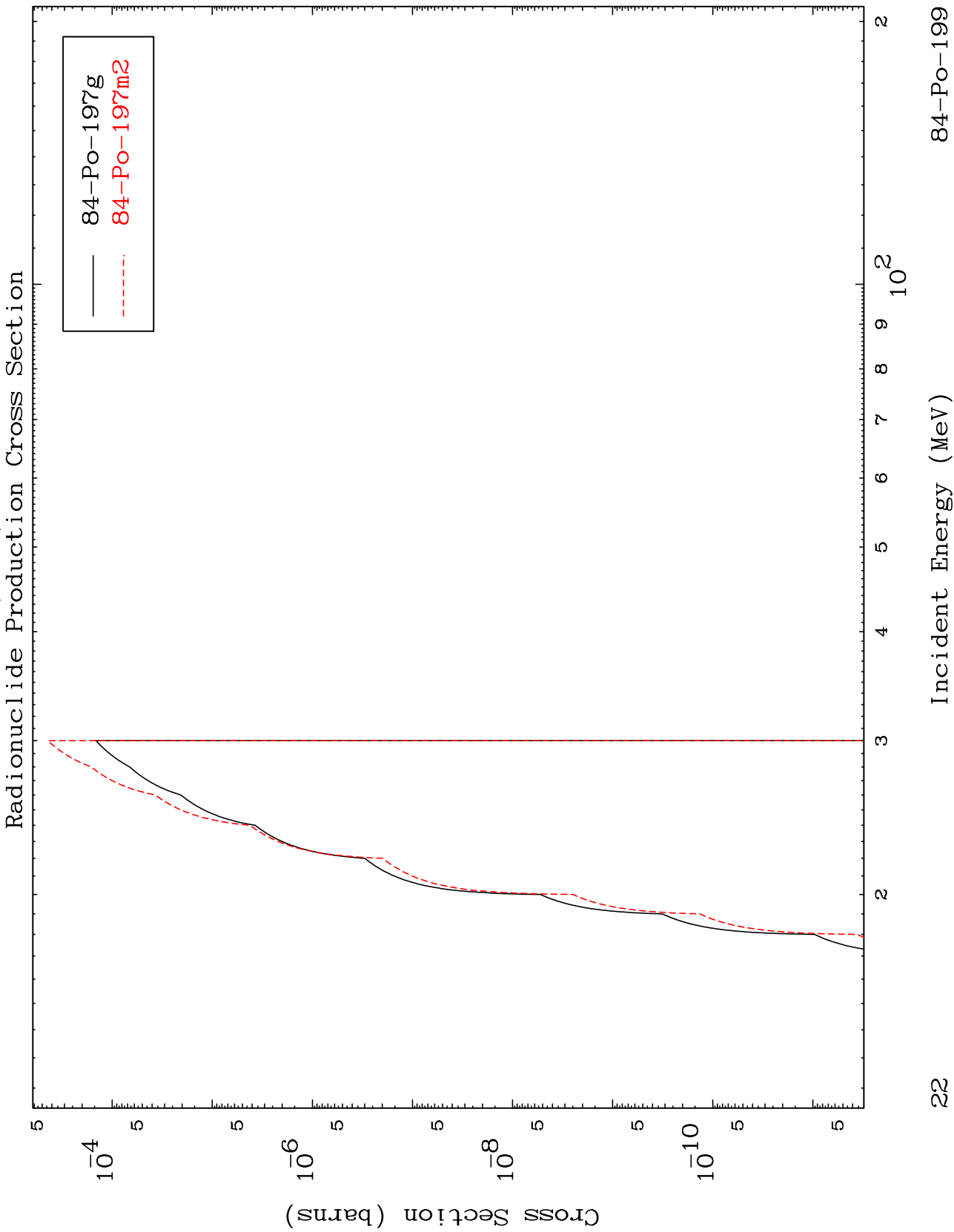
Radionuclide Production Cross Section



MAT 8404

(d,n') t

84-Po-199



22

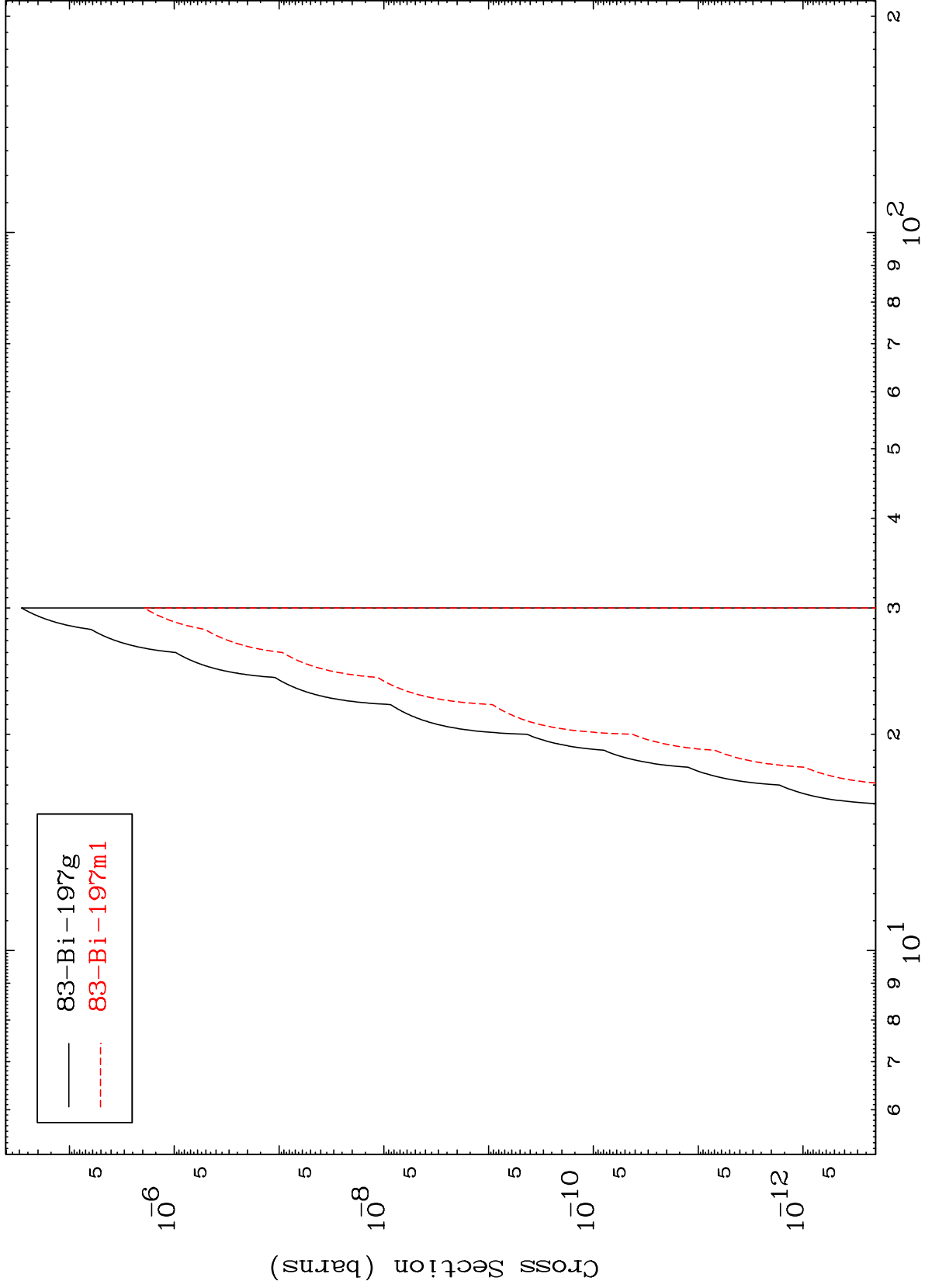
84-Po-199

MAT 8404

(d,n') He-3

84-Po-199

Radionuclide Production Cross Section



23

Incident Energy (MeV)

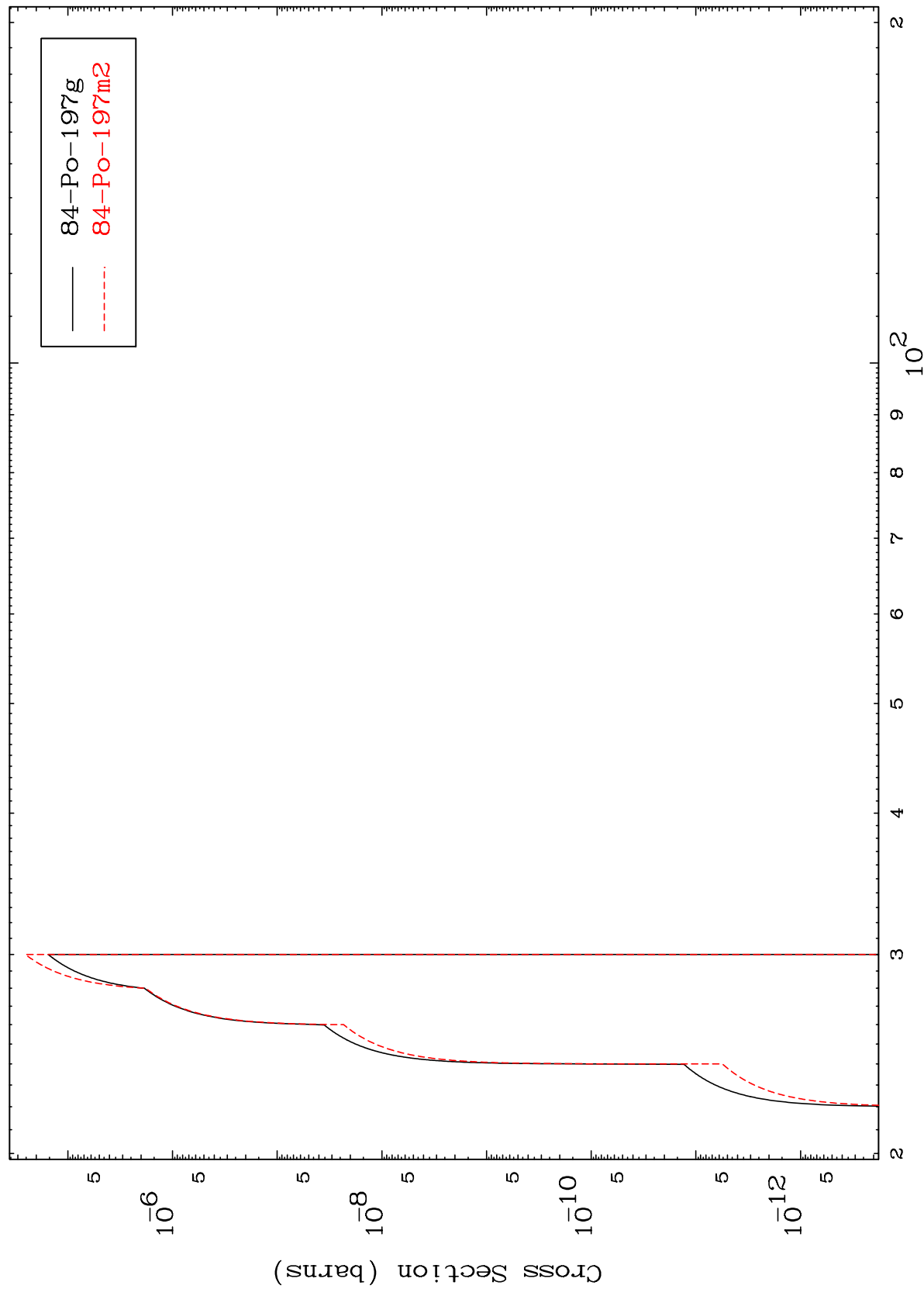
84-Po-199

MAT 8404

(d,3n) p

84-Po-199

Radionuclide Production Cross Section



24

Incident Energy (MeV)

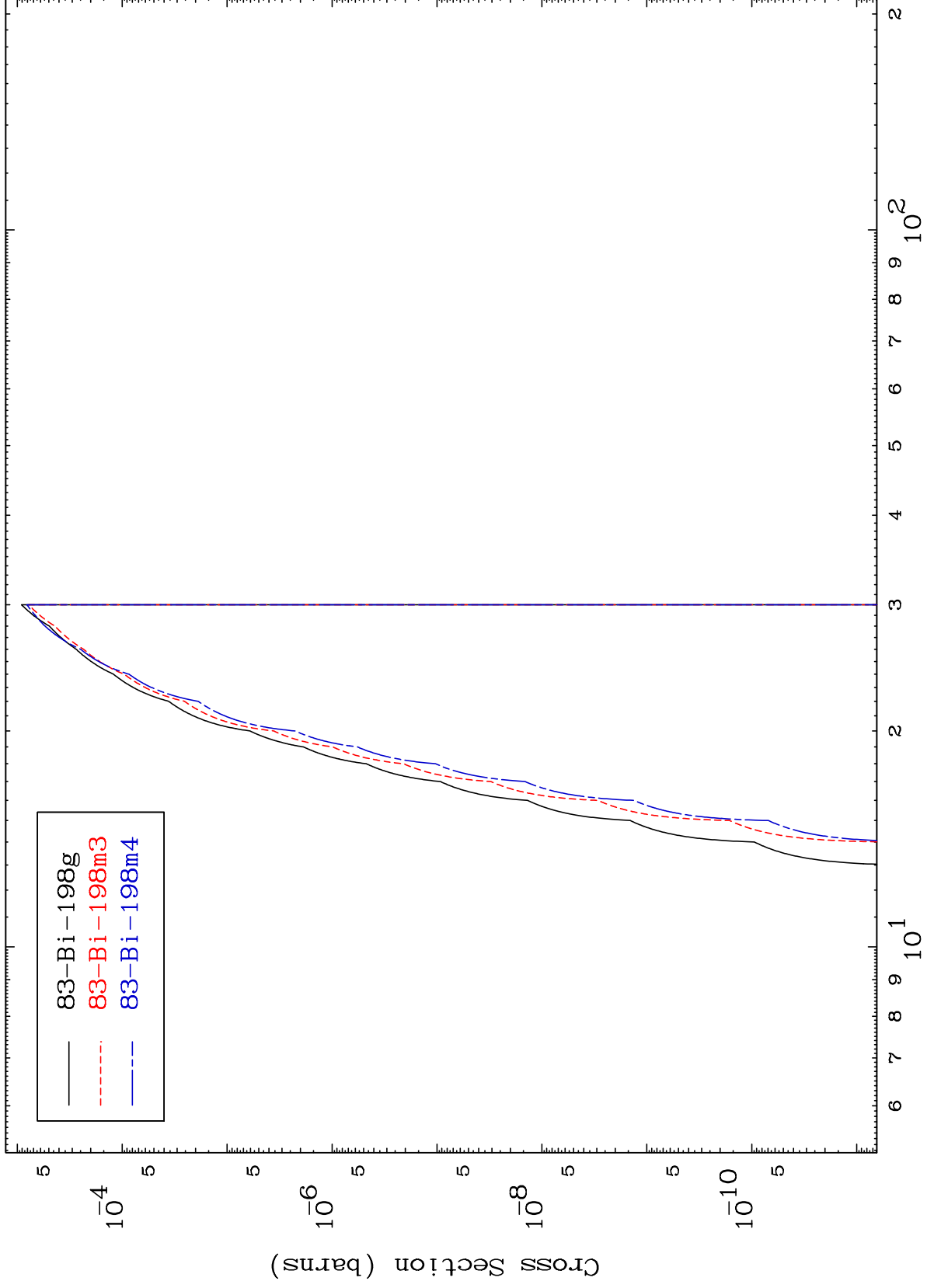
84-Po-199

MAT 8404

(d,2n) p

84-Po-199

Radionuclide Production Cross Section



25

Incident Energy (MeV)

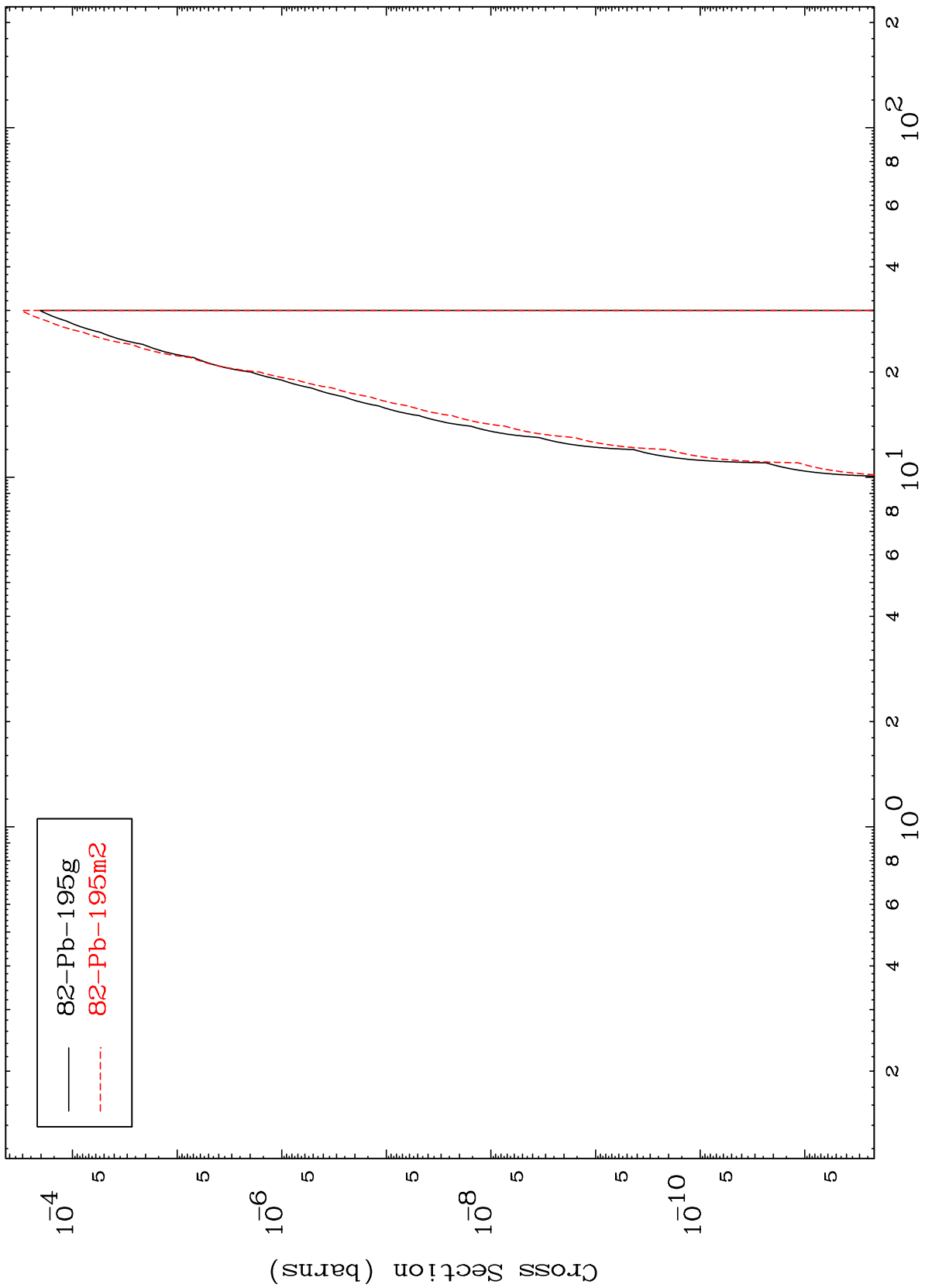
84-Po-199

MAT 8404

(d,n') p α

84-Po-199

Radionuclide Production Cross Section



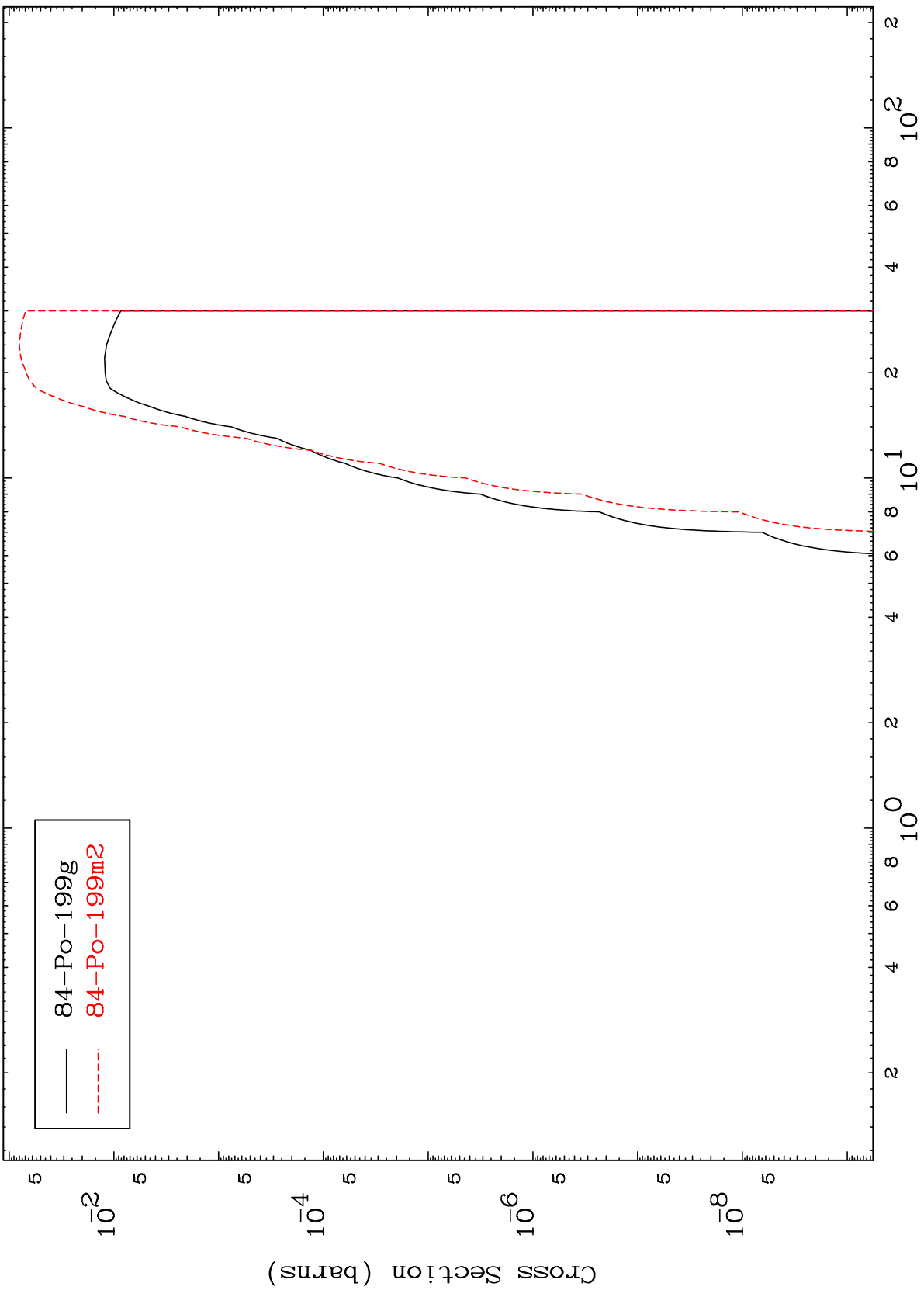
— 82-Pb-195g
- - - 82-Pb-195m2

MAT 8404

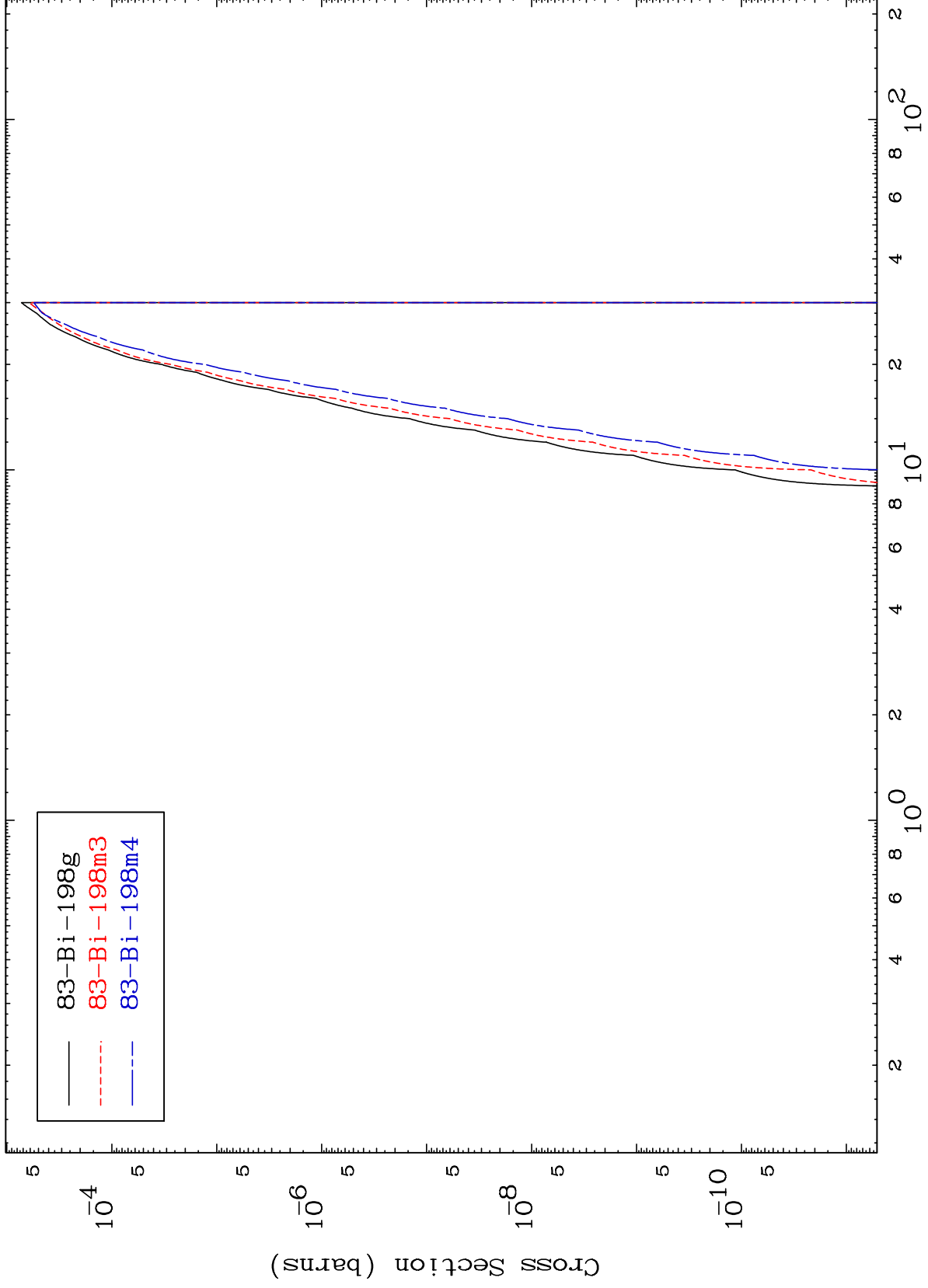
(d,d)

84-Po-199

Radionuclide Production Cross Section



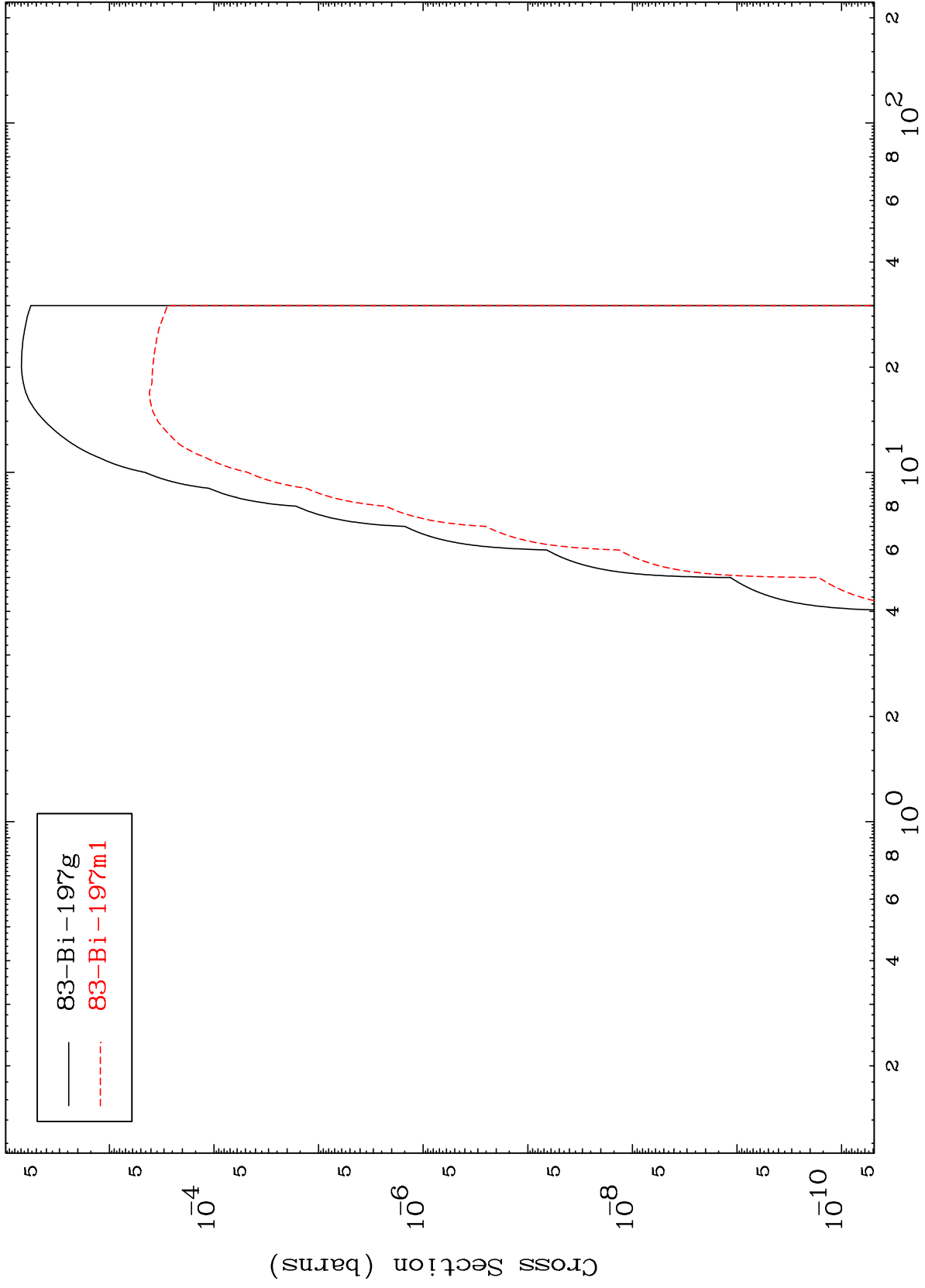
Radionuclide Production Cross Section



MAT 8404

84-Po-199

Radionuclide Production Cross Section
(d, α)



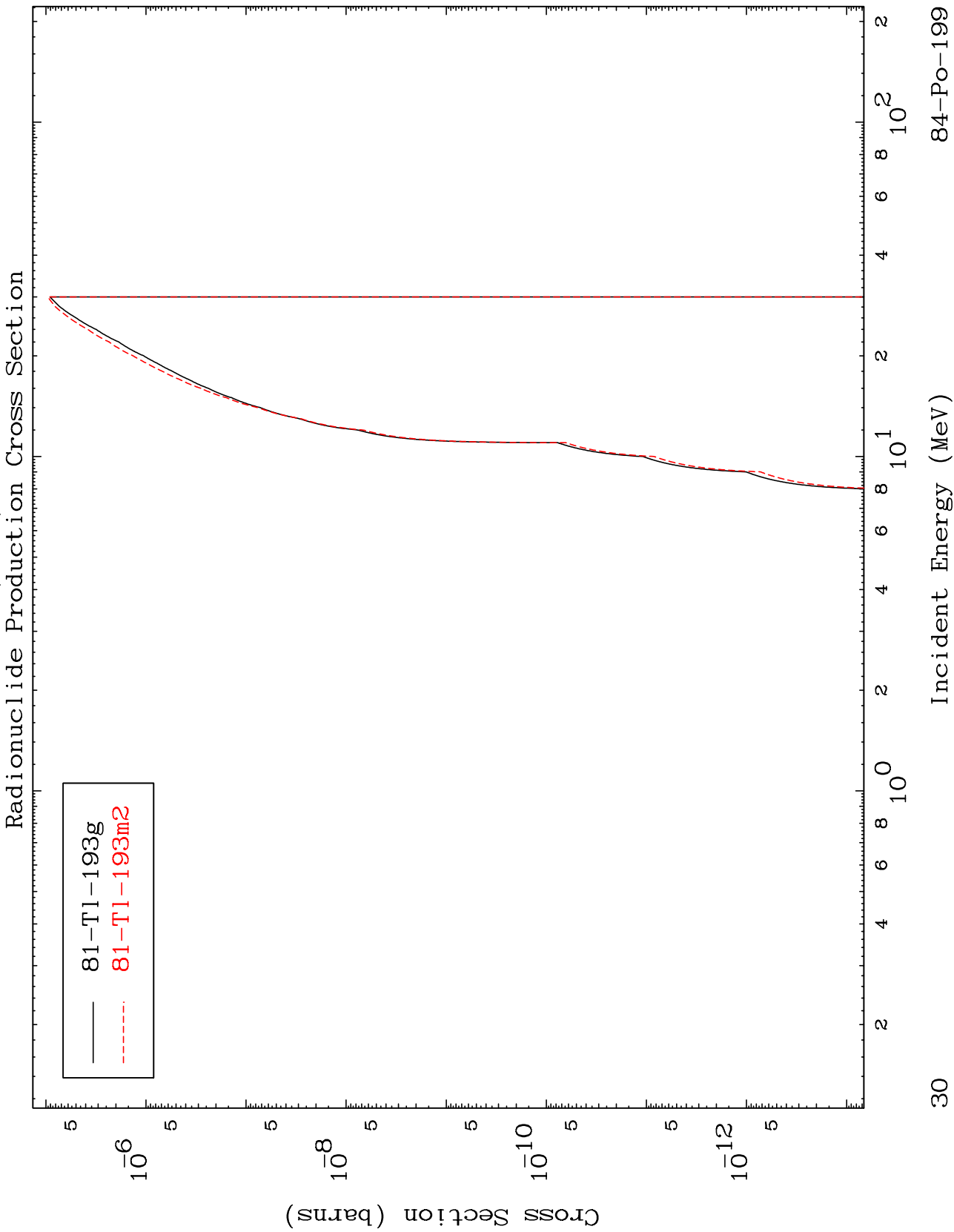
29

84-Po-199

Incident Energy (MeV)

MAT 8404

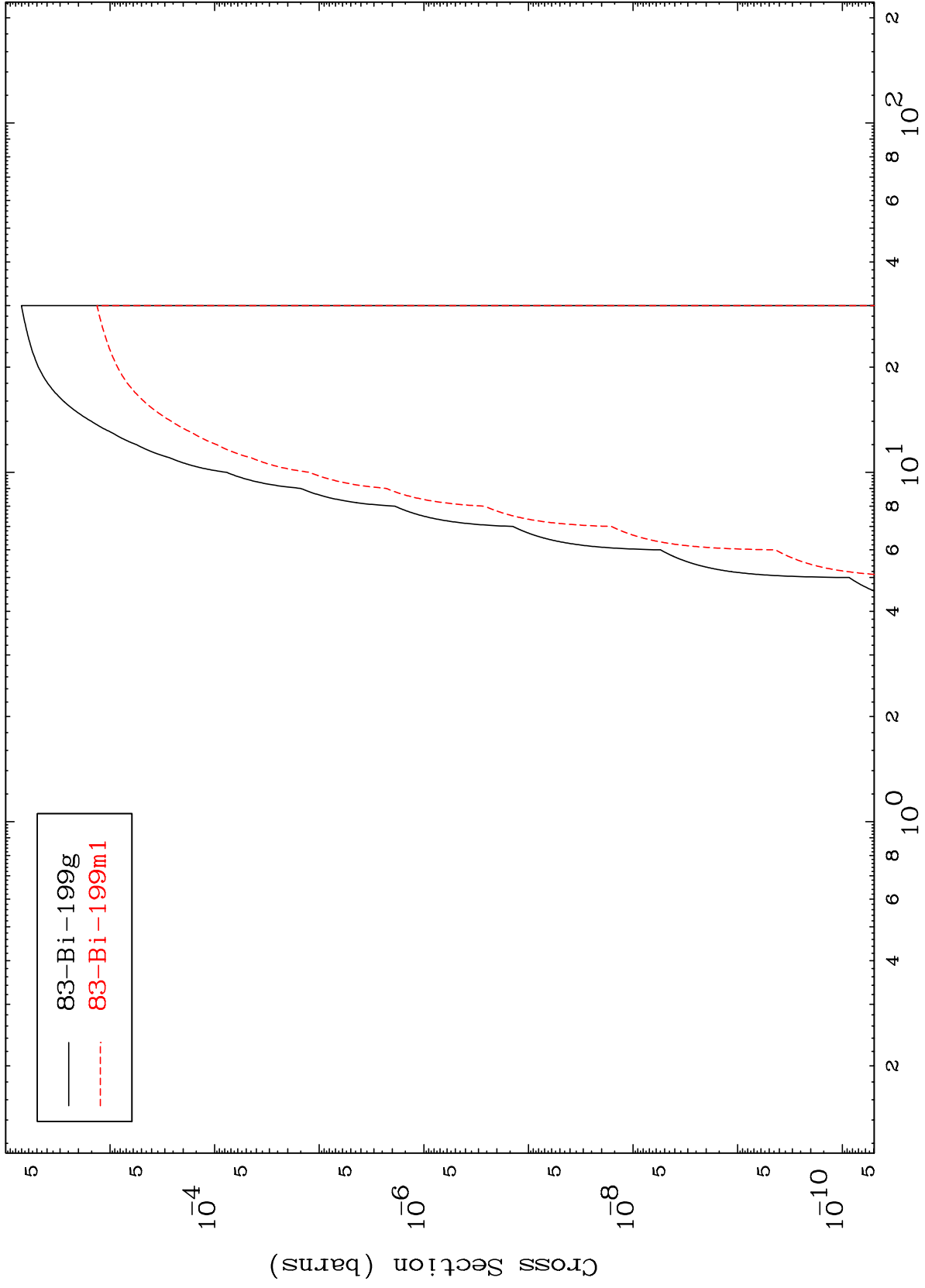
84-Po-199



MAT 8404

84-Po-199

Radionuclide Production Cross Section
(d,2p)

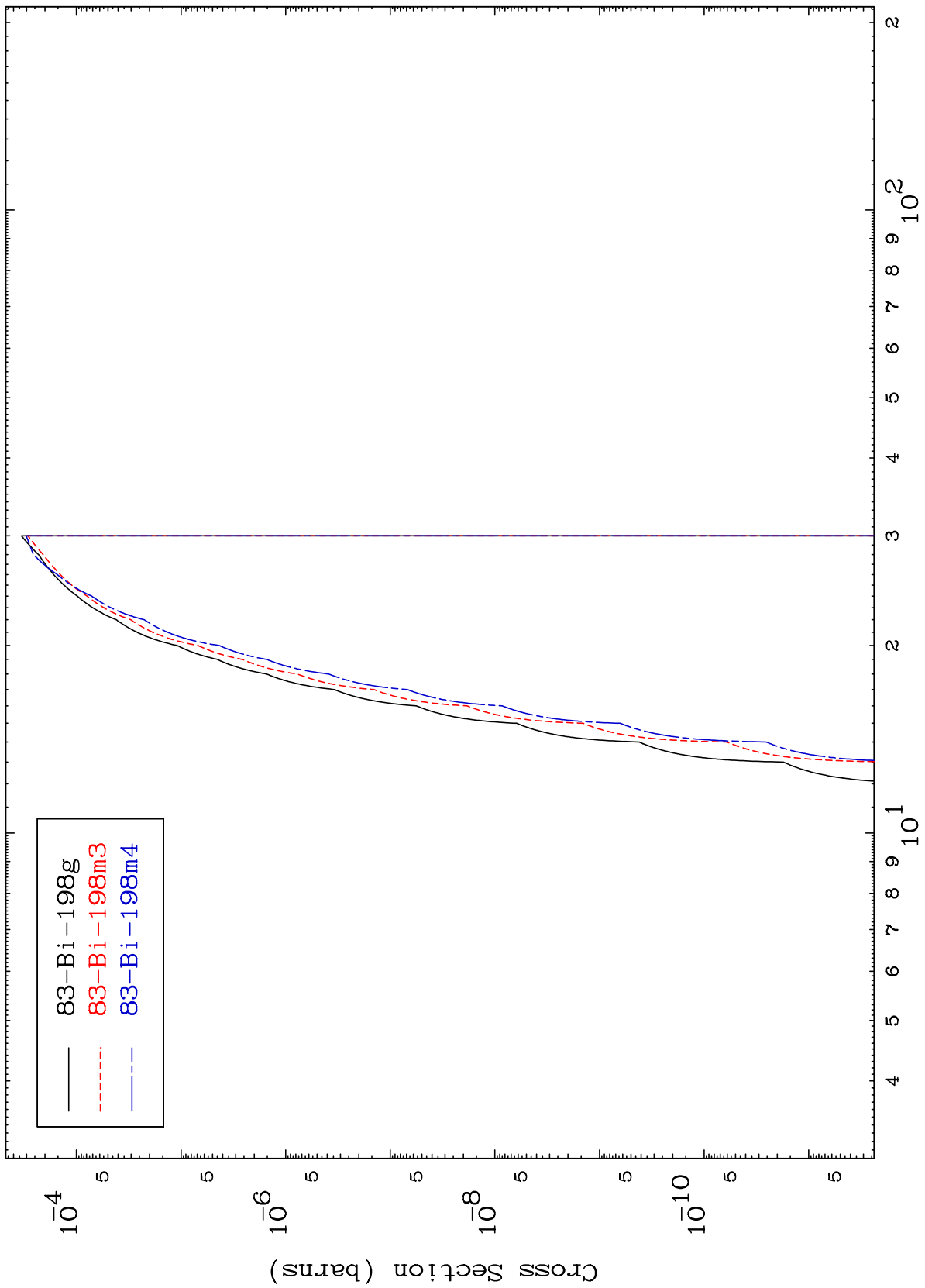


MAT 8404

(d,p) d

84-Po-199

Radionuclide Production Cross Section



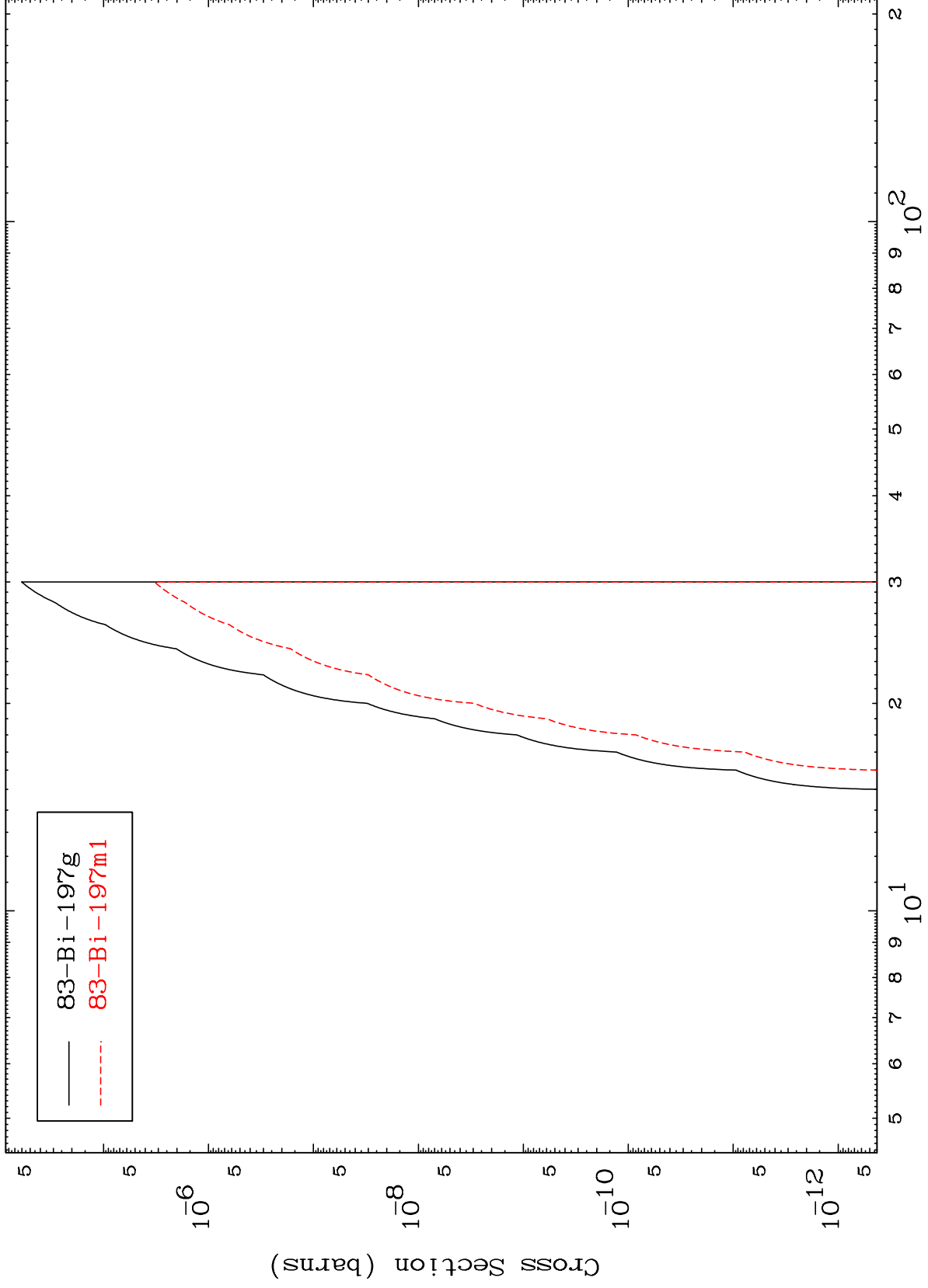
83-Bi-198g
83-Bi-198m3
83-Bi-198m4

MAT 8404

(d,p) t

84-Po-199

Radionuclide Production Cross Section



33

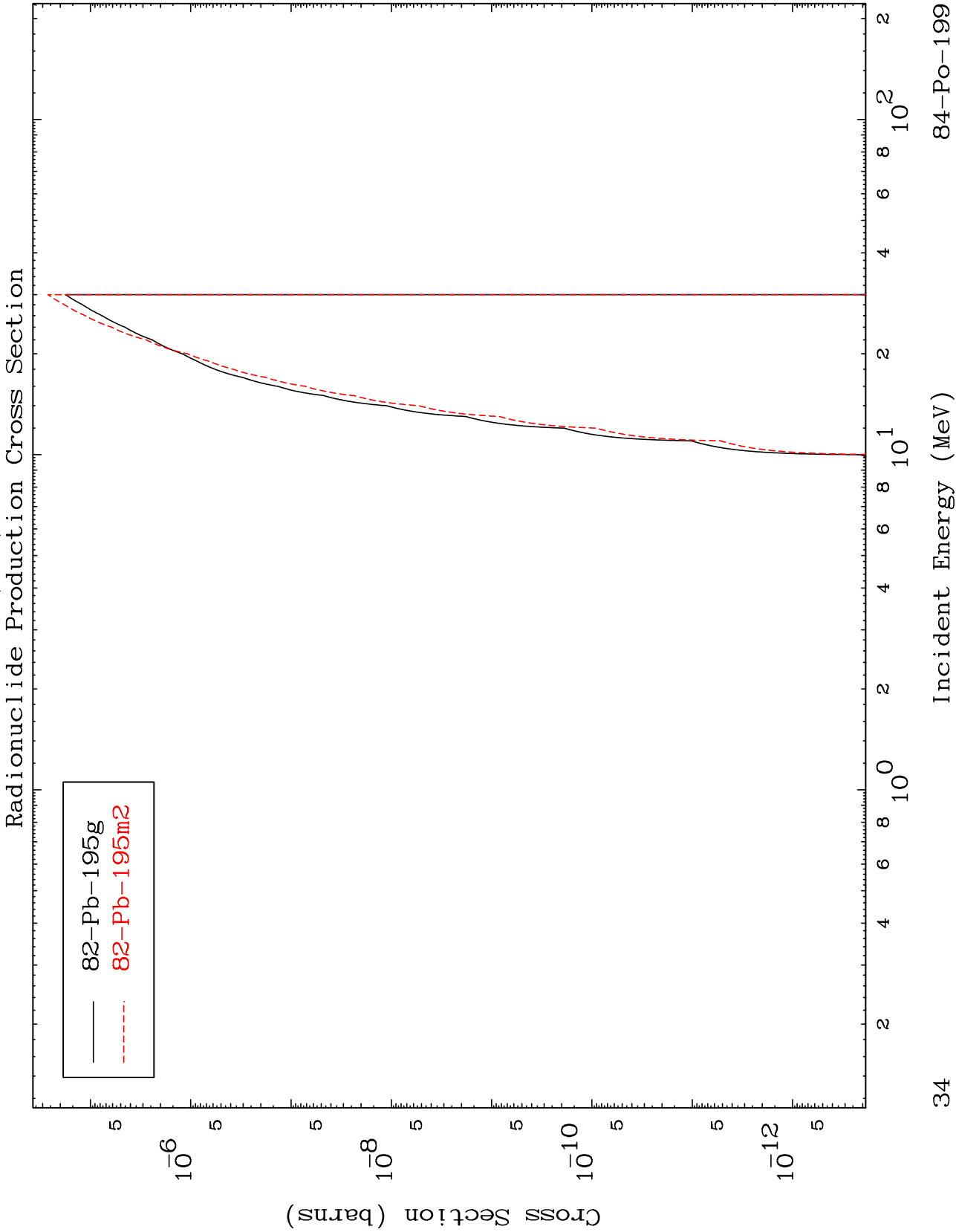
Incident Energy (MeV)

84-Po-199

MAT 8404

(d,d) α

84-Po-199



34

84-Po-199