

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

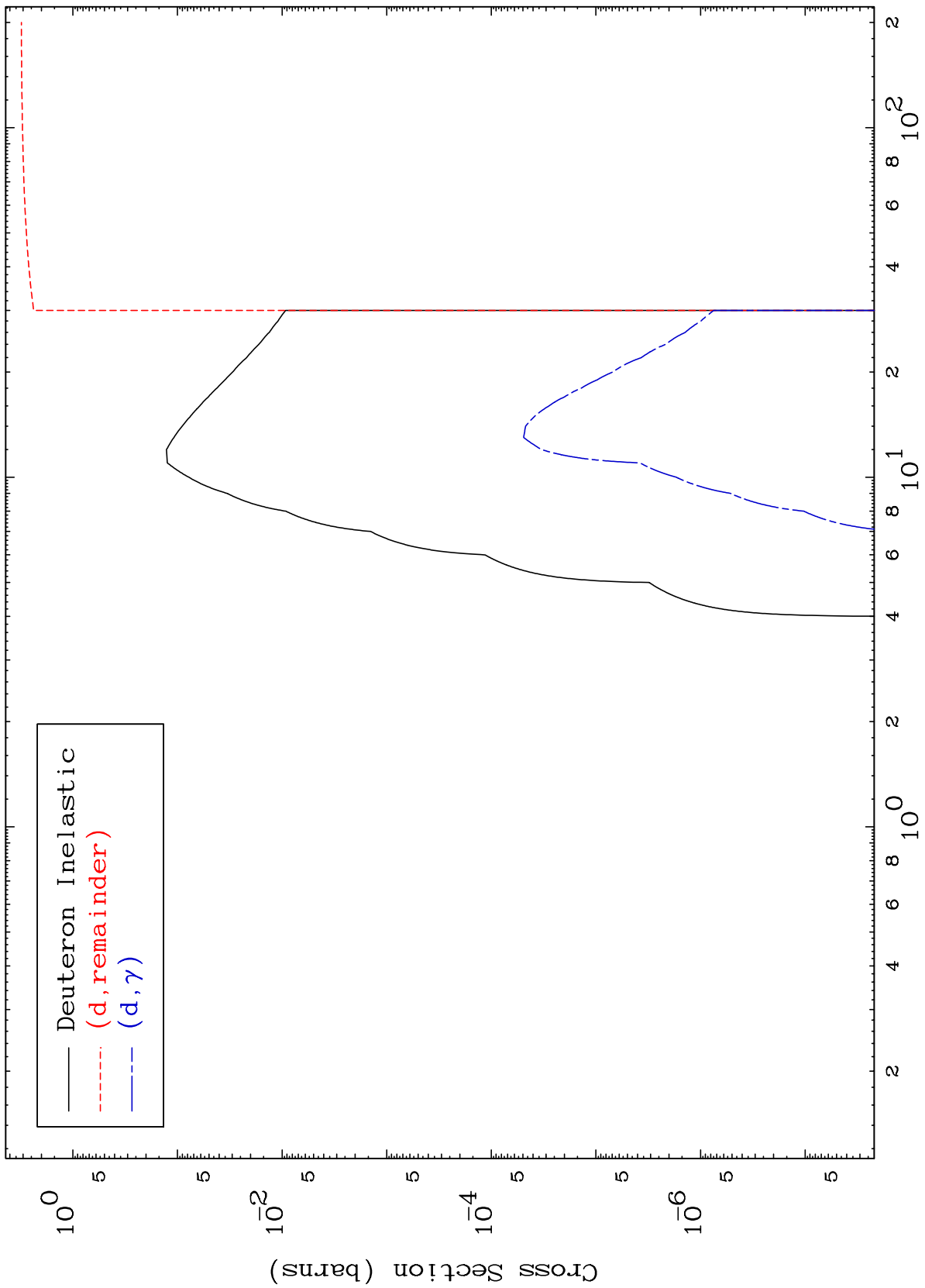
Dermott E. Cullen
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Livermore, CA 94550
U.S.A.

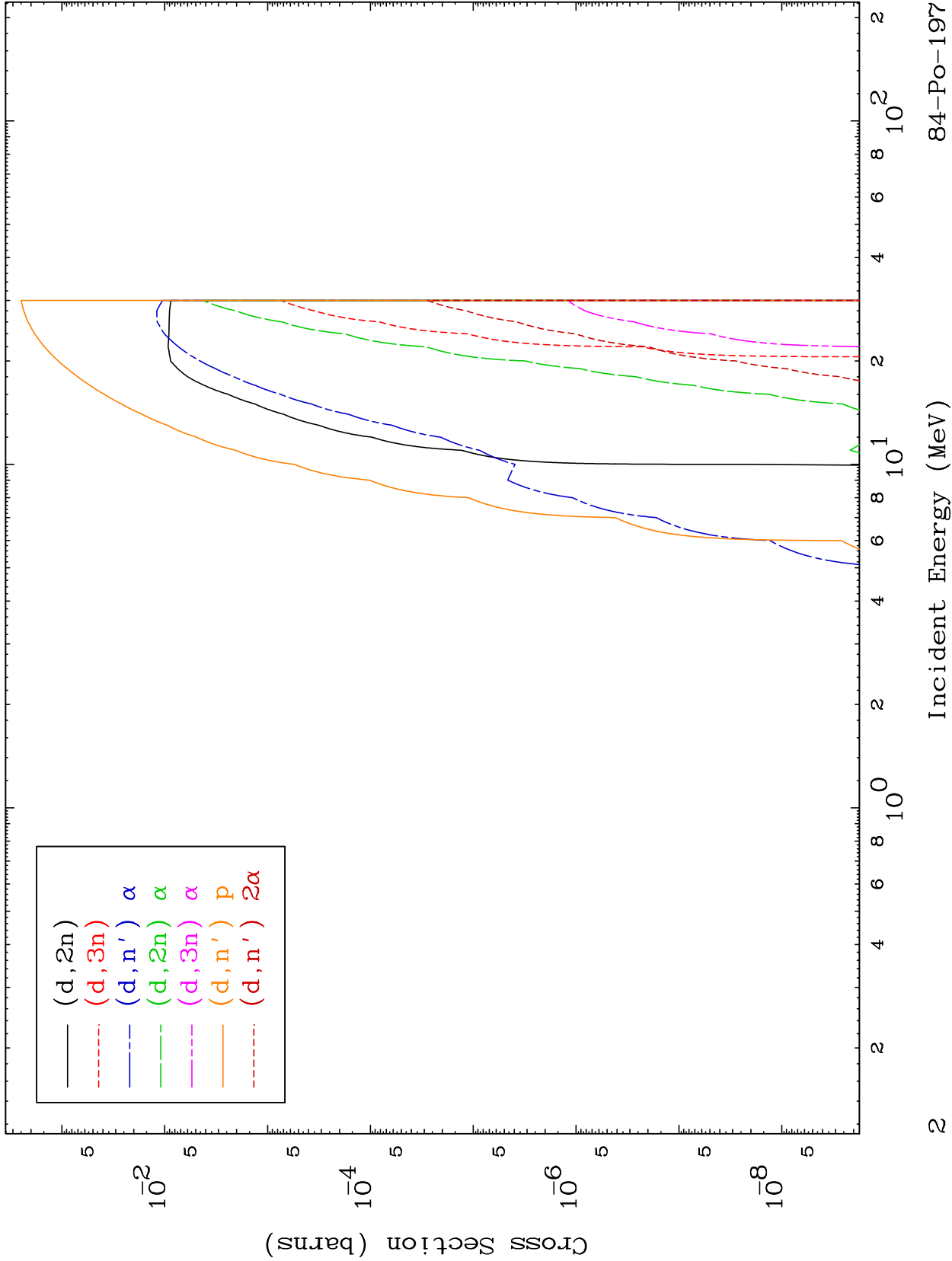
Tele: 925-443-1911

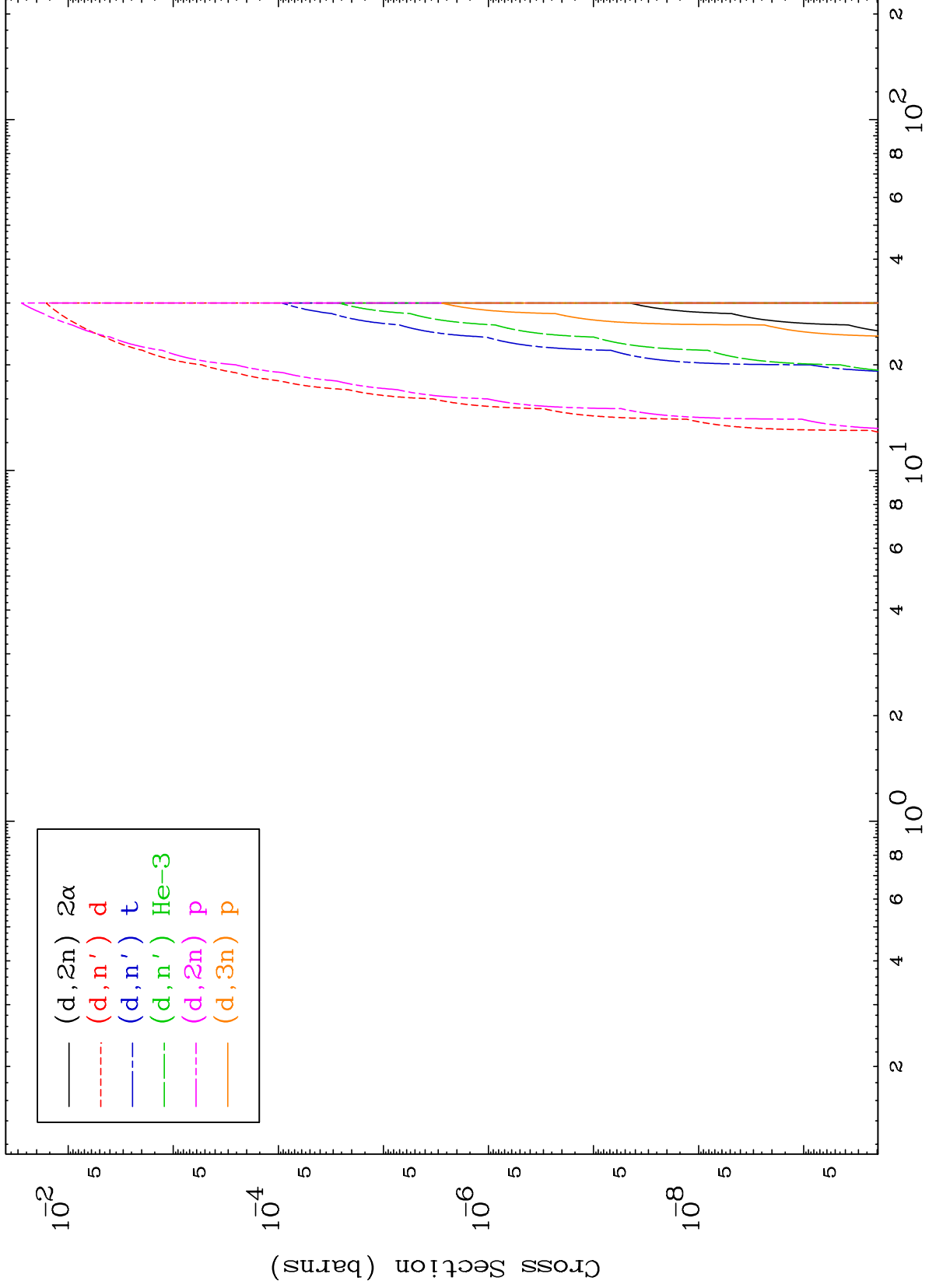
E.Mail:redcullen1@comcast.net

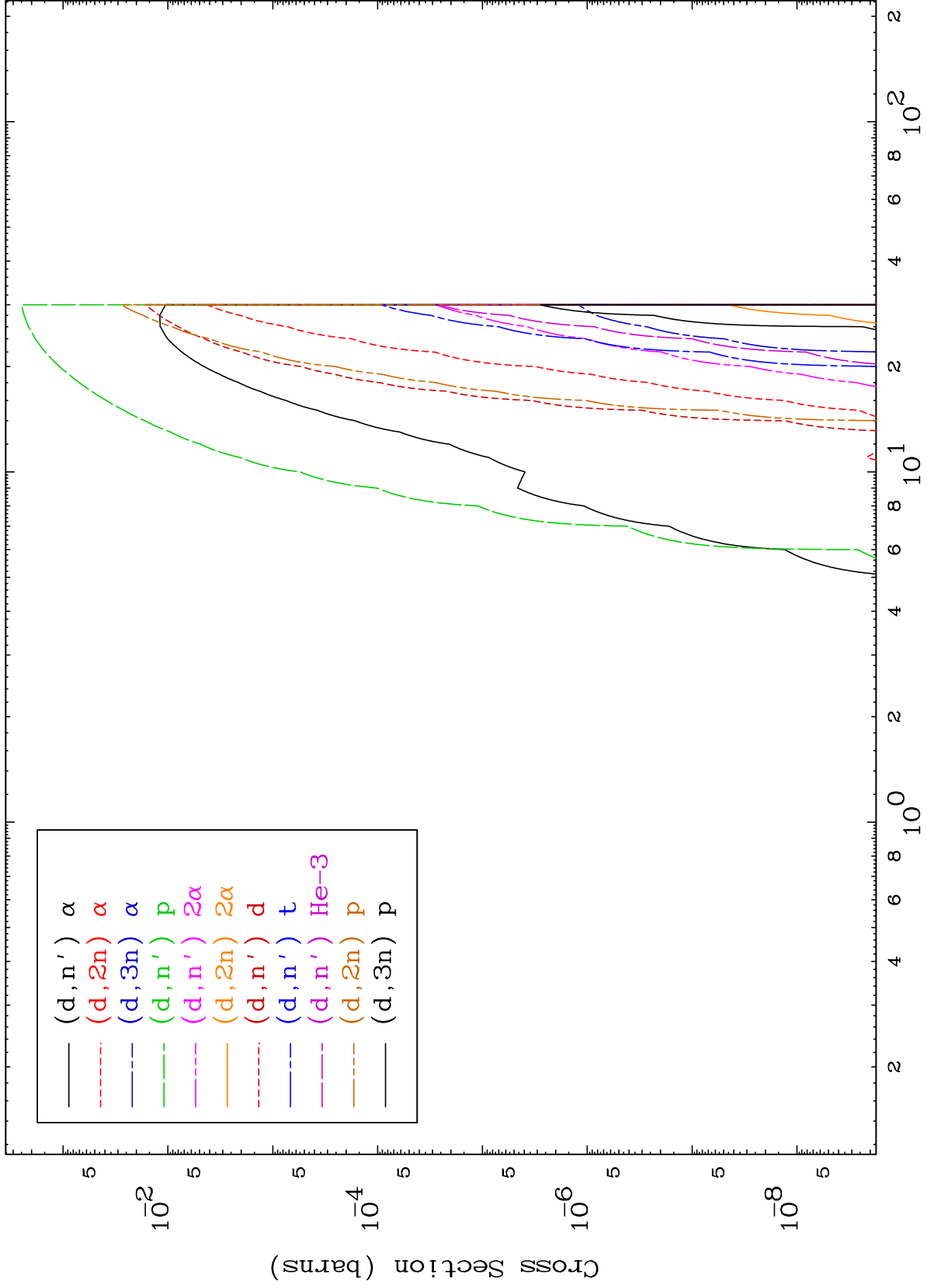
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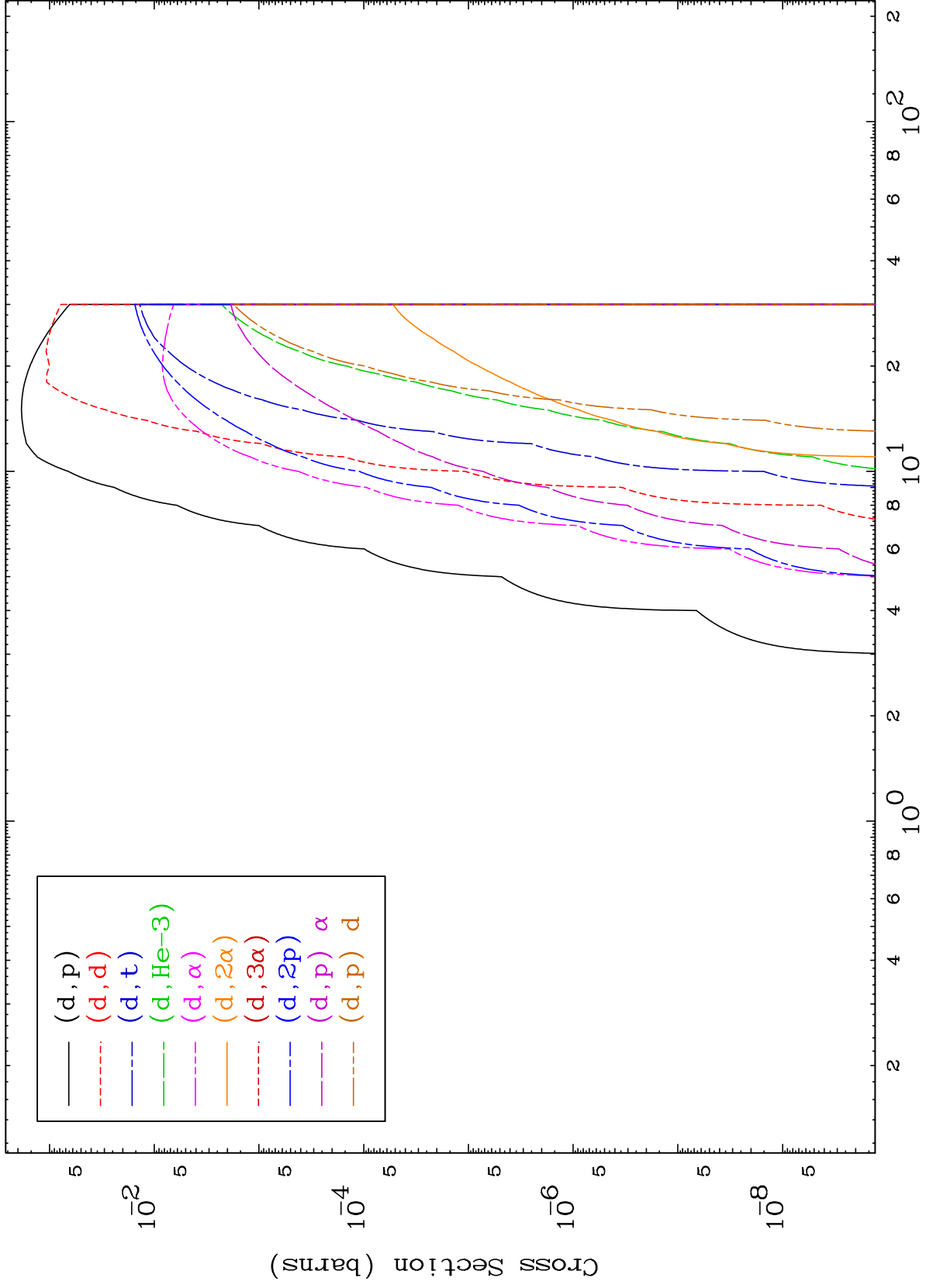
Press Mouse Button to Start









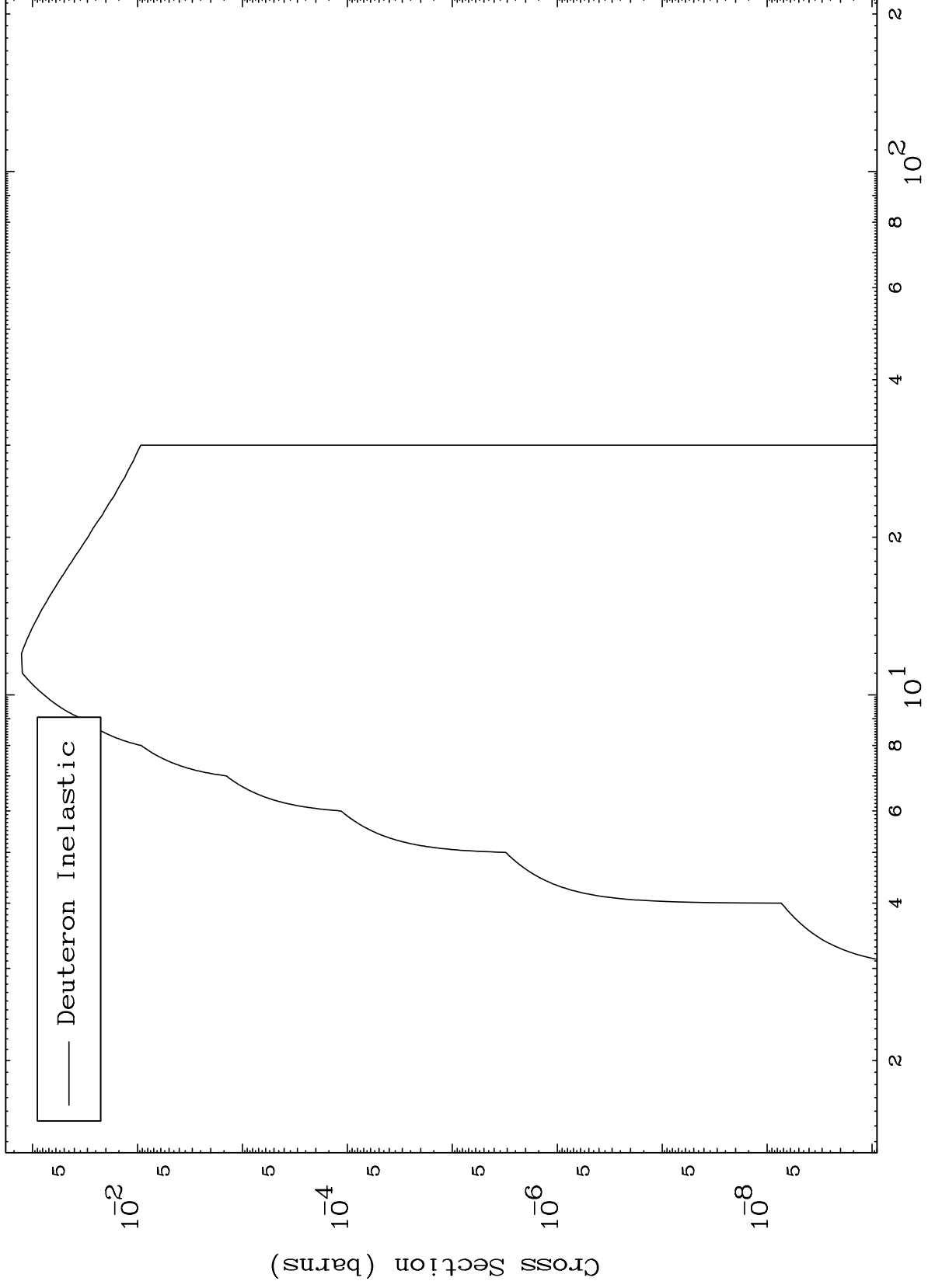


MAT 8399

(d,n') Level

84-Po-197

0 Kelvin Cross Sections



6

Incident Energy (MeV)

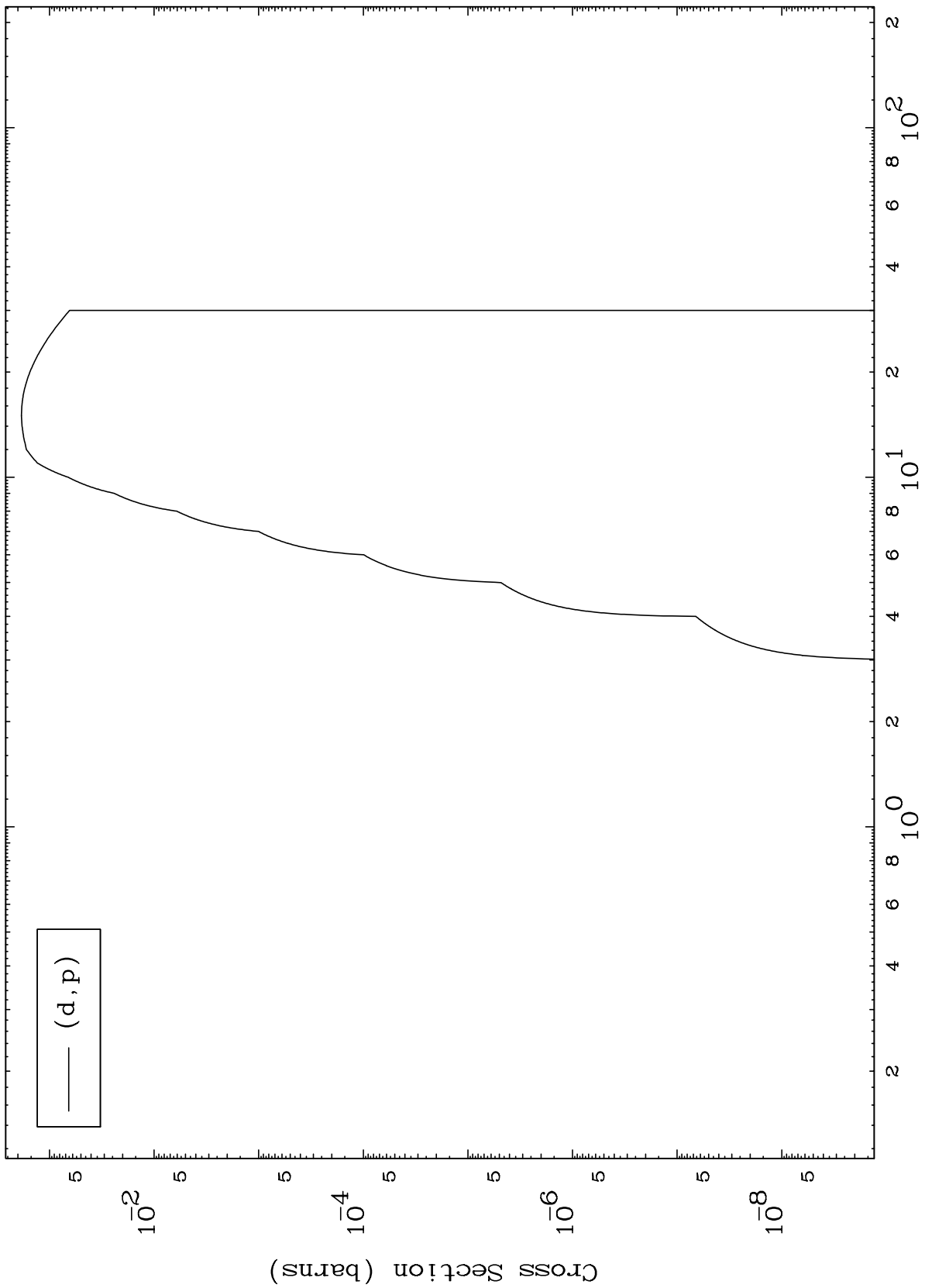
84-Po-197

MAT 8399

(d,p) Levels

84-Po-197

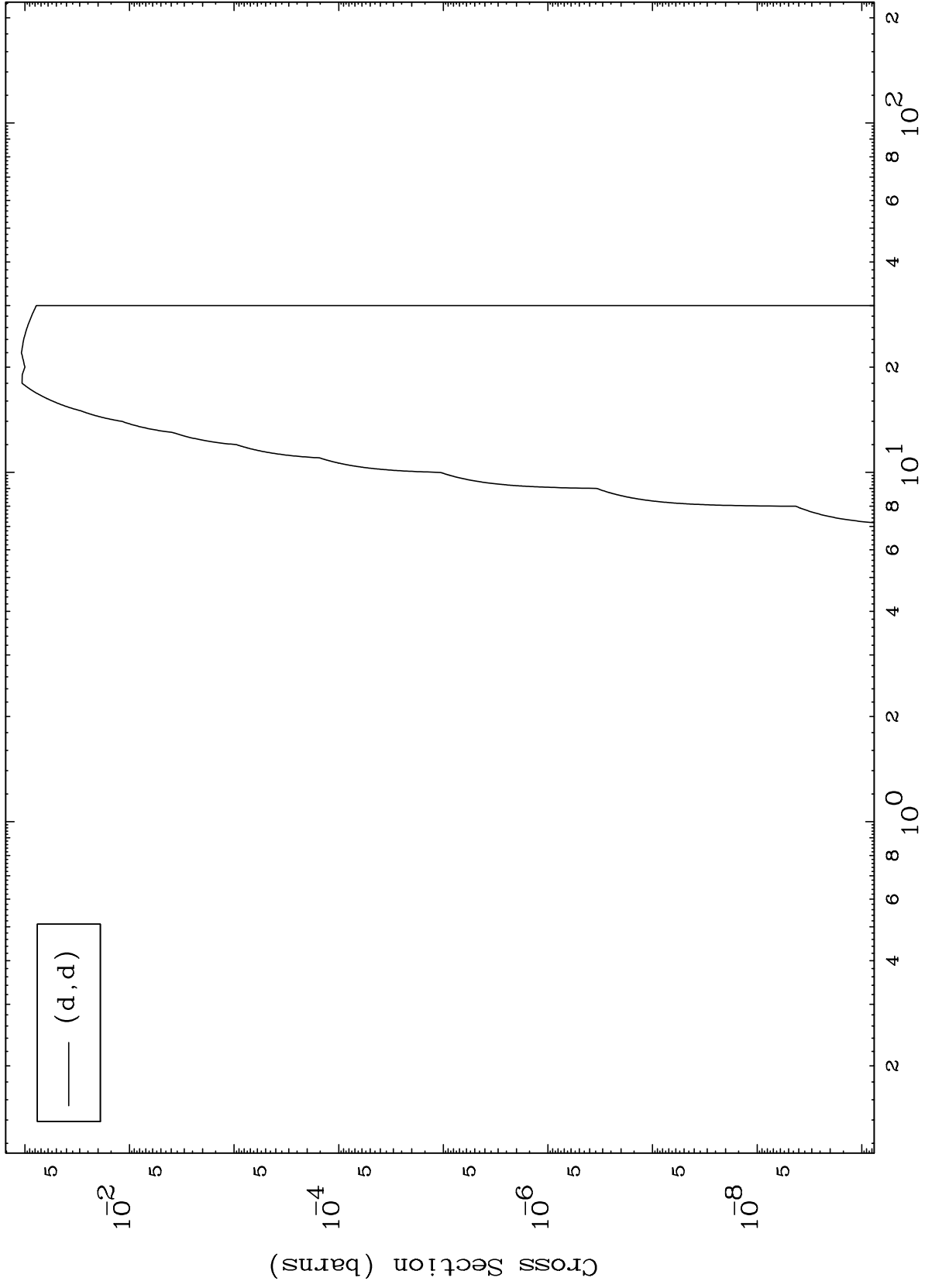
0 Kelvin Cross Sections



MAT 8399

(d,d) Levels
0 Kelvin Cross Sections

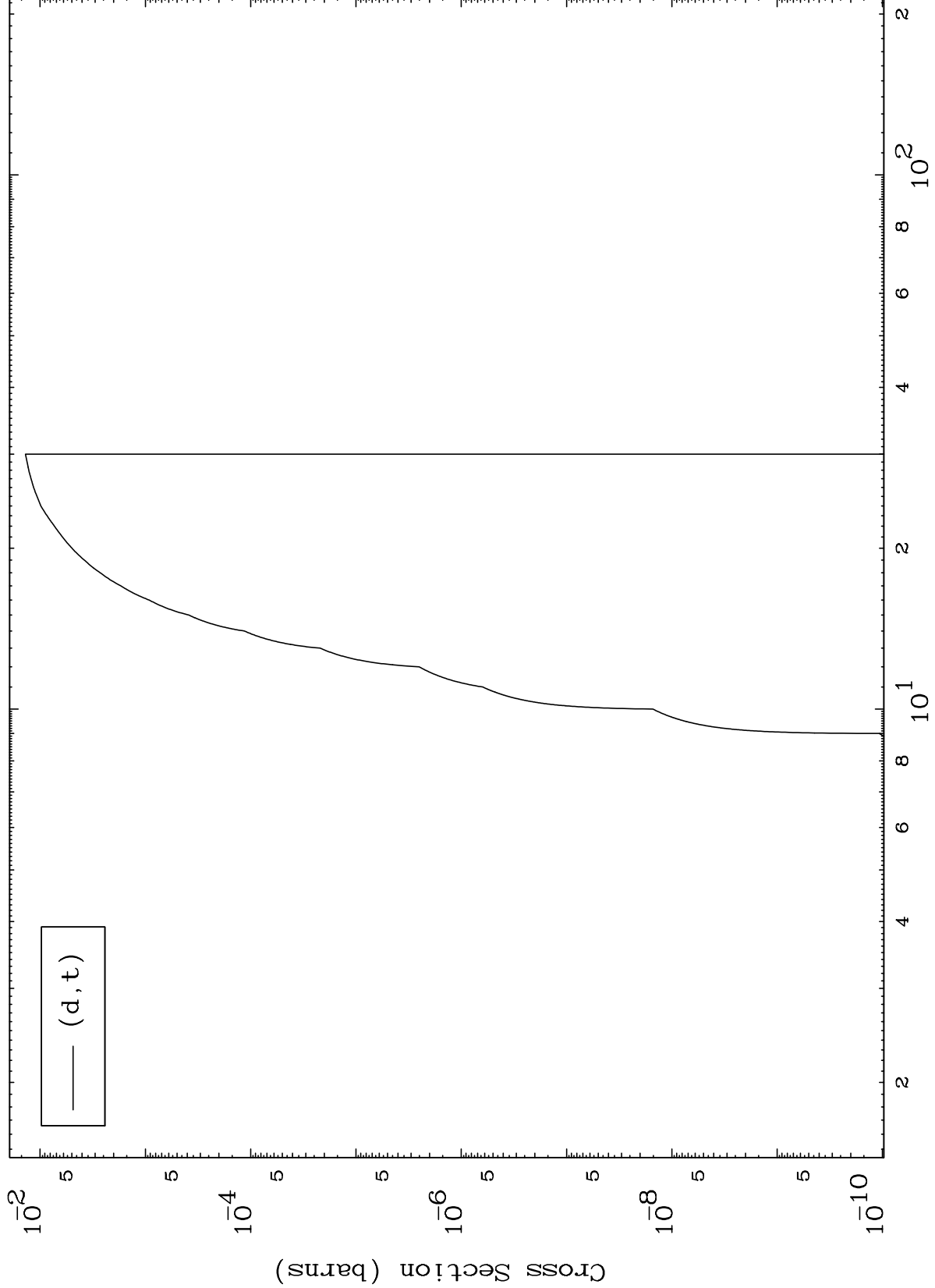
84-Po-197



MAT 8399

(d,t) Levels
0 Kelvin Cross Sections

84-Po-197



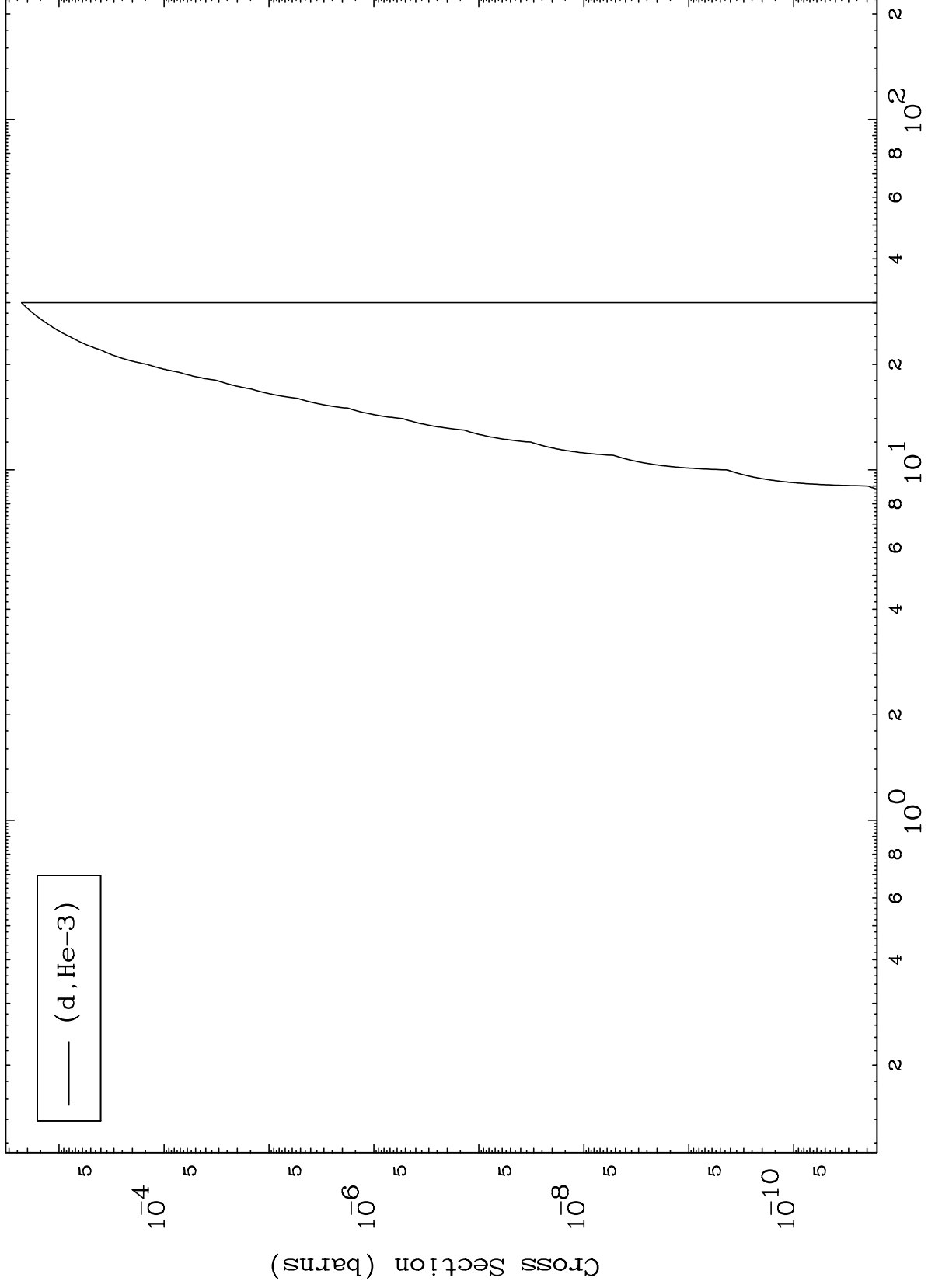
(d,t)

MAT 8399

(d,He3) Levels

84-Po-197

0 Kelvin Cross Sections



10

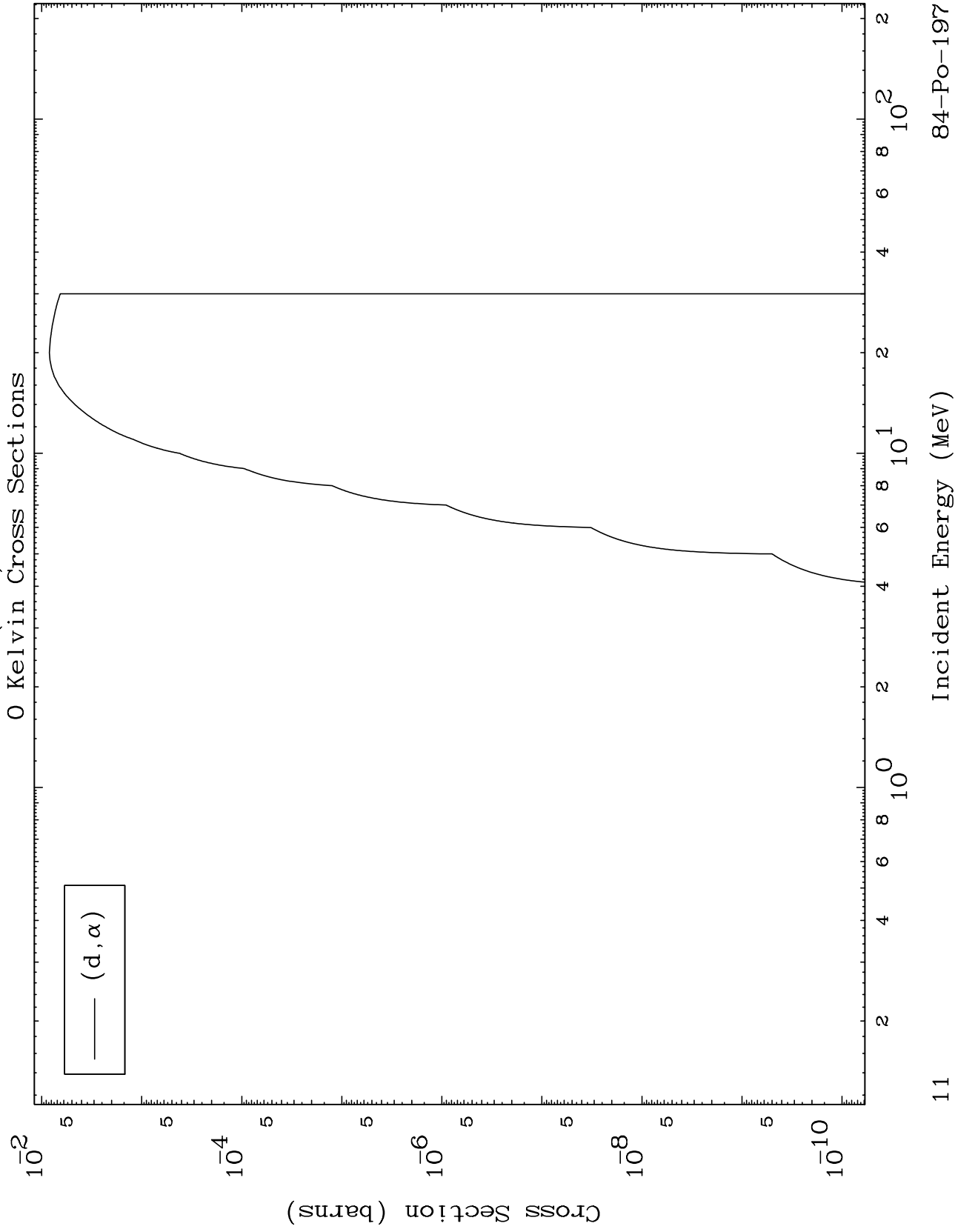
Incident Energy (MeV)

84-Po-197

MAT 8399

(d, α) Levels

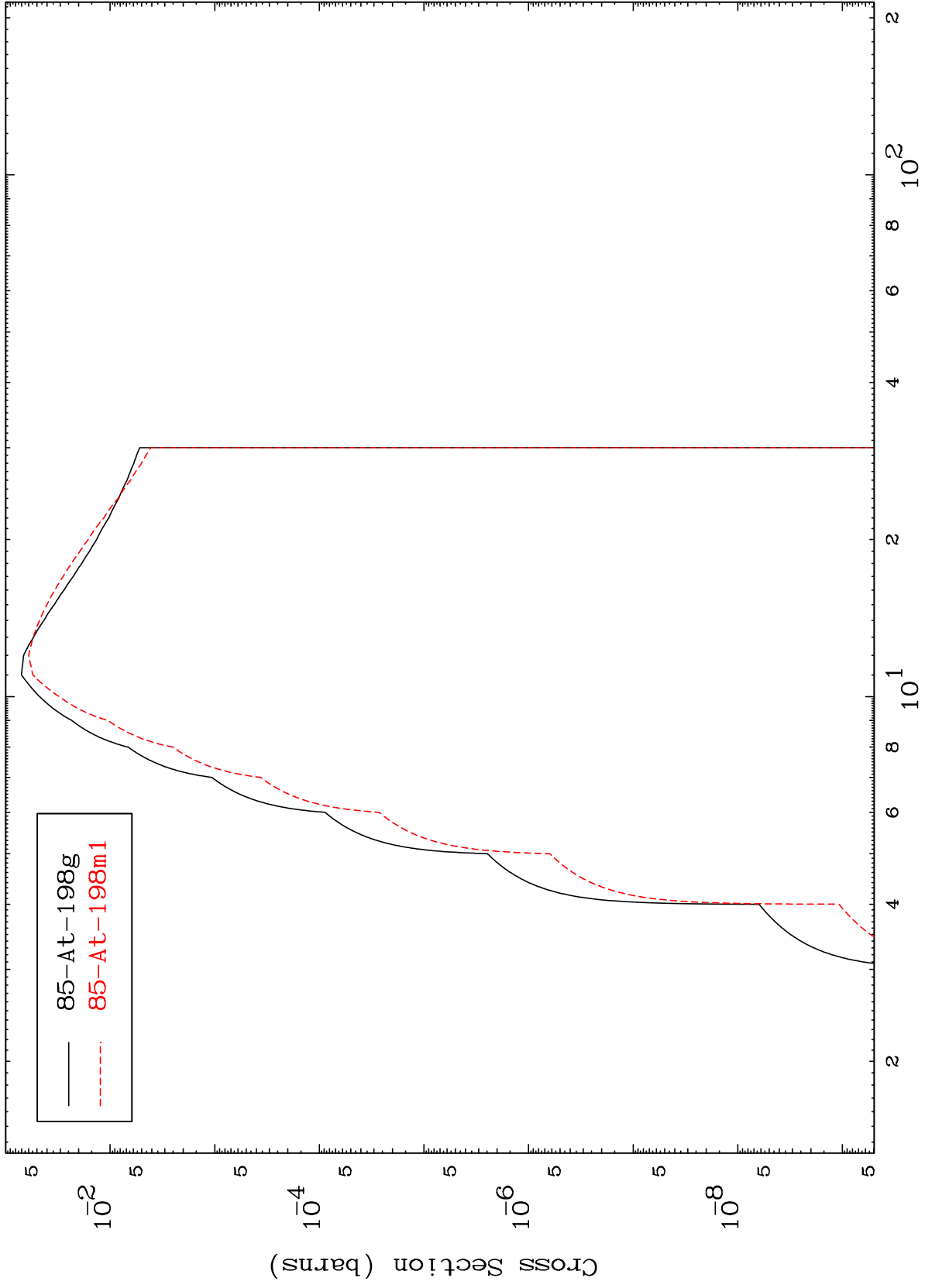
84-Po-197



MAT 8399

Deuteron Inelastic
Radionuclide Production Cross Section

84-Po-197



12

Incident Energy (MeV)

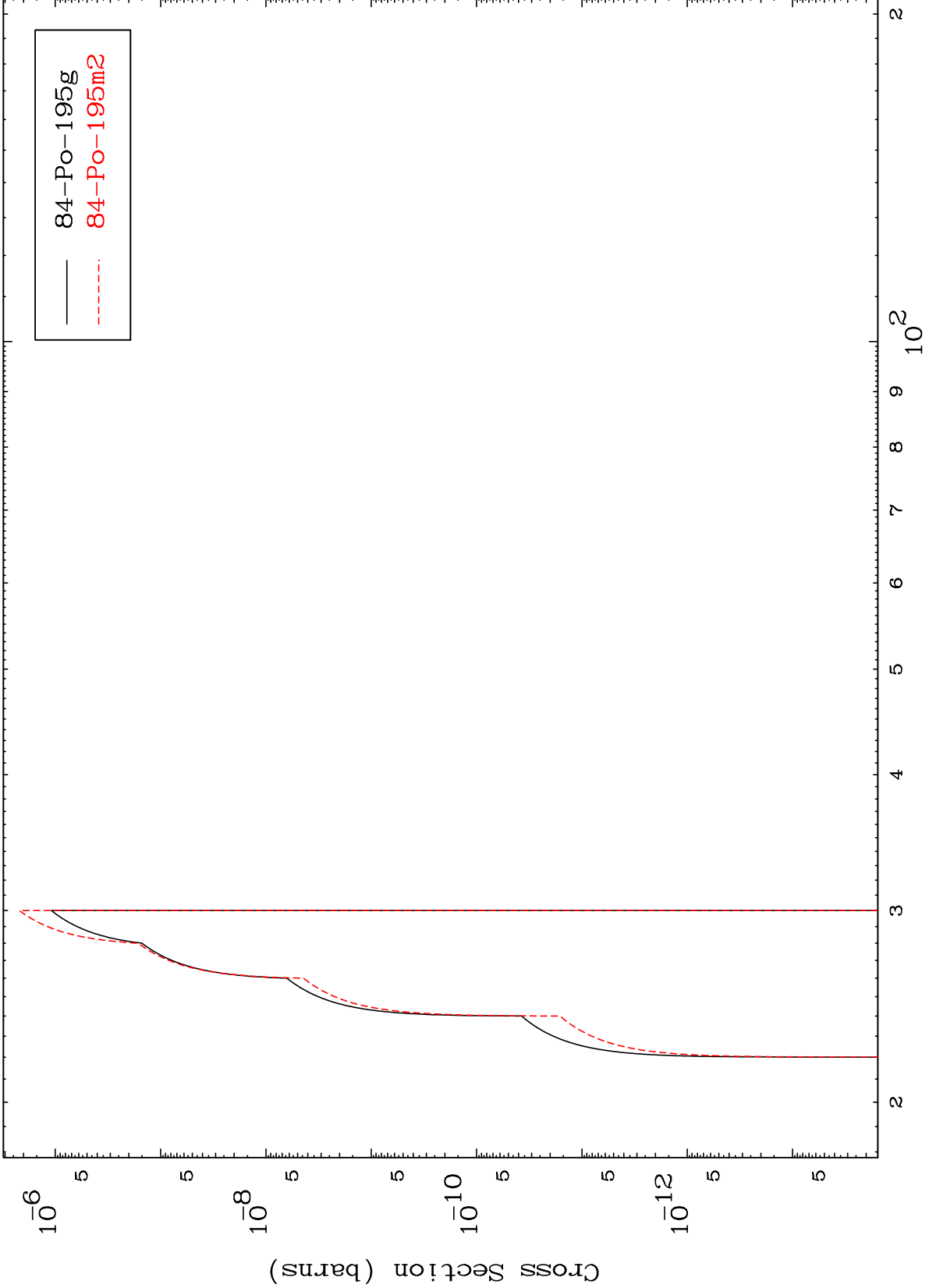
84-Po-197

MAT 8399

(d,2n) d

84-Po-197

Radionuclide Production Cross Section



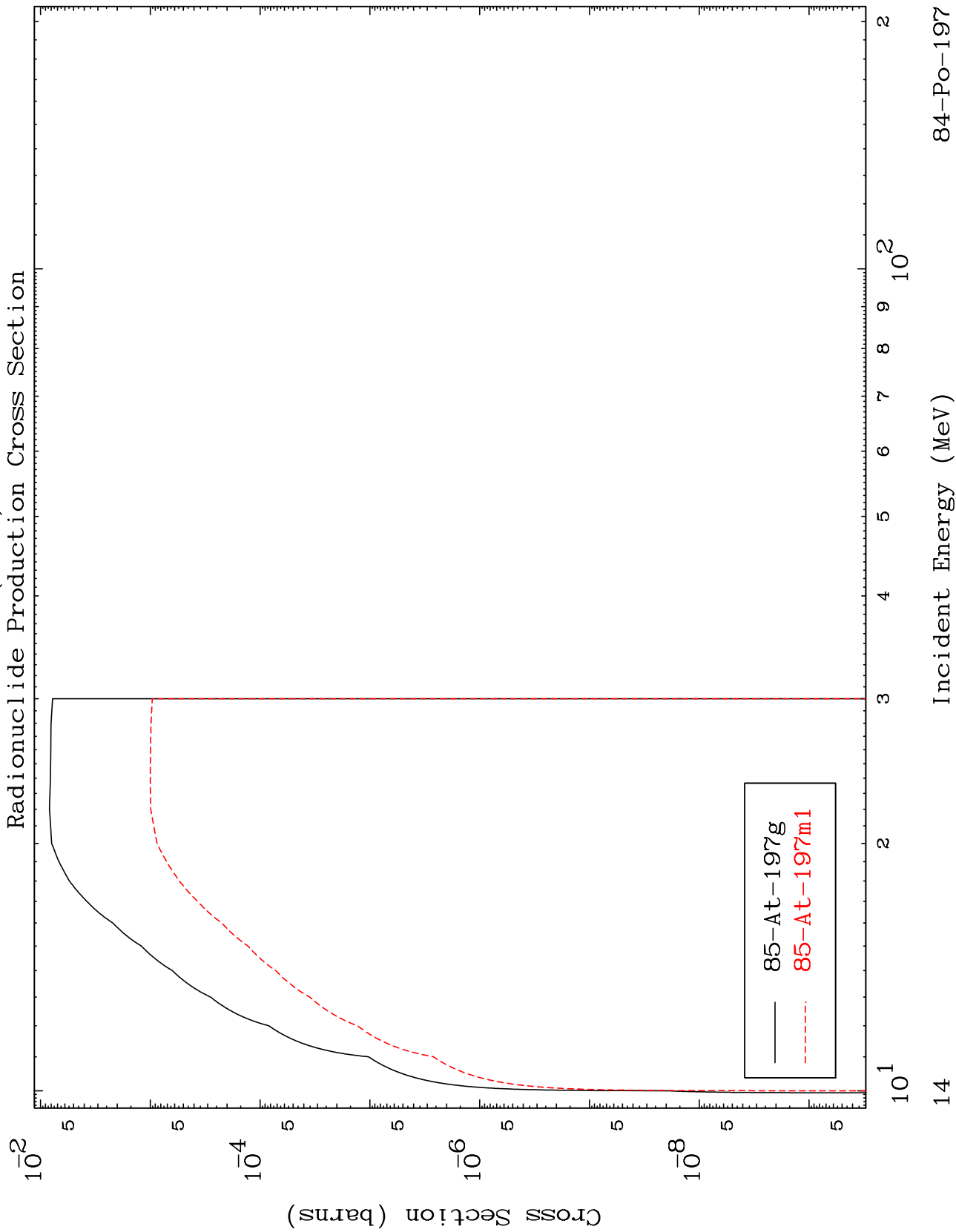
13

Incident Energy (MeV)

84-Po-197

MAT 8399

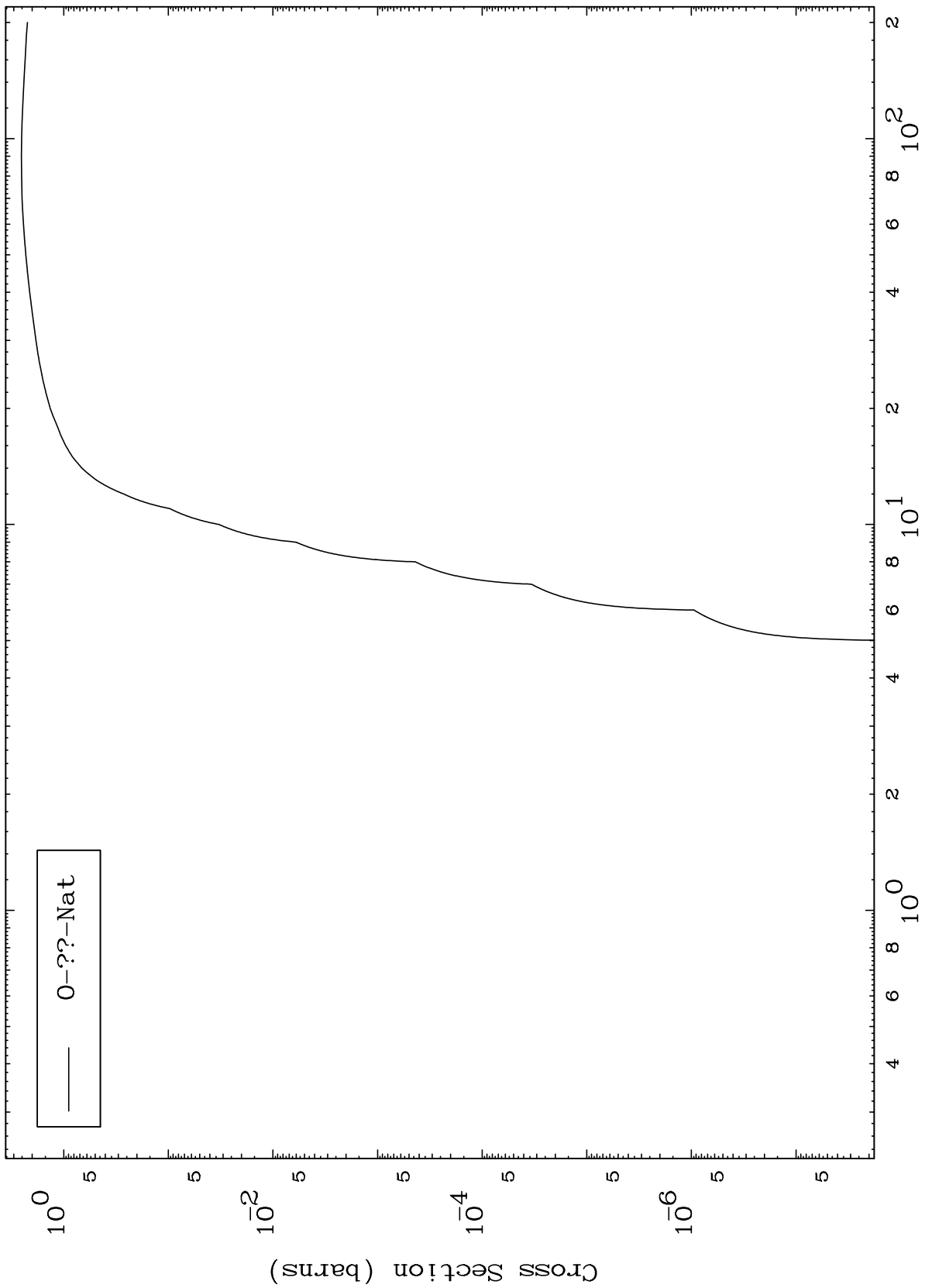
84-Po-197



MAT 8399

84-Po-197

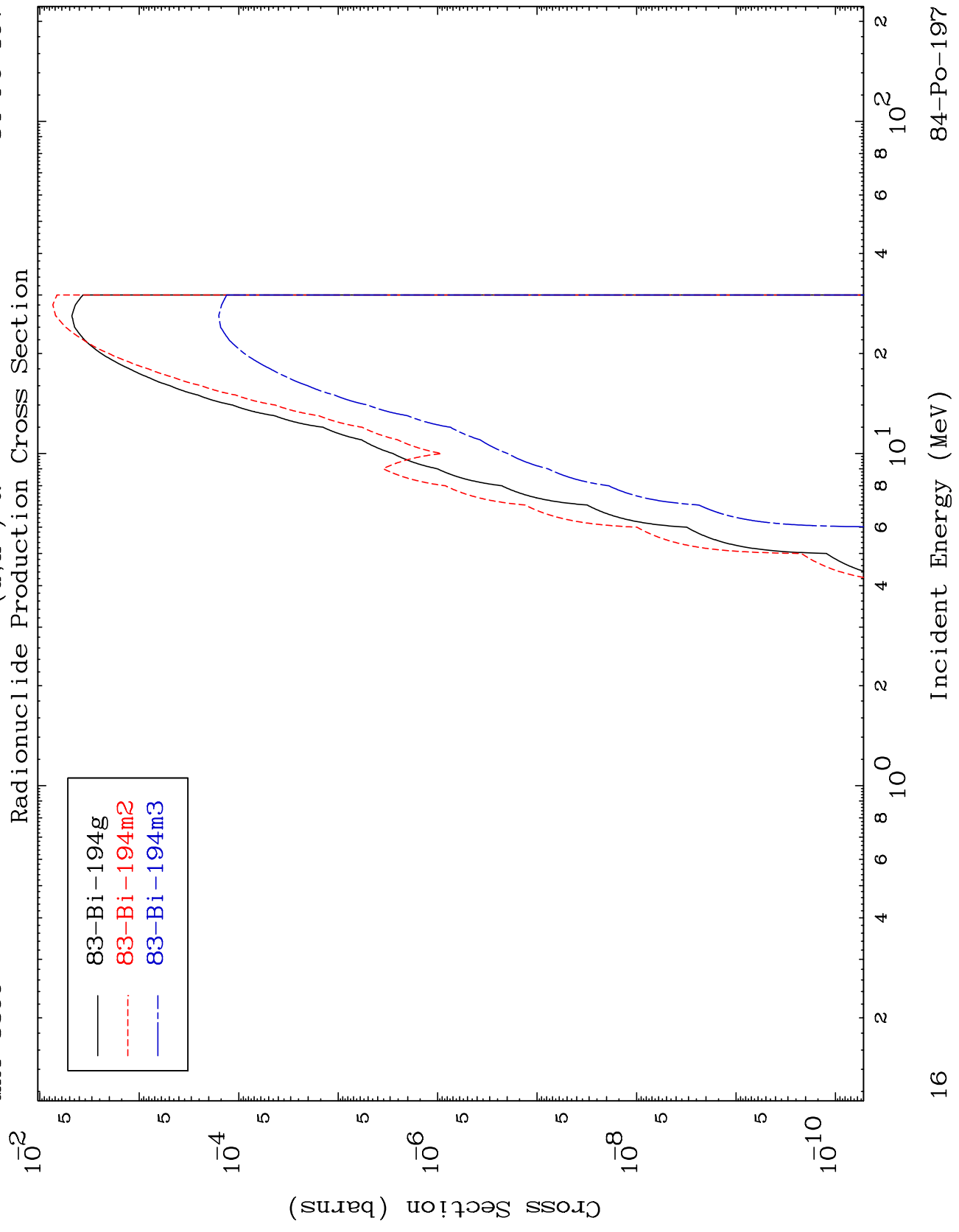
Deuteron Fission
Radionuclide Production Cross Section



MAT 8399

(d,n') α

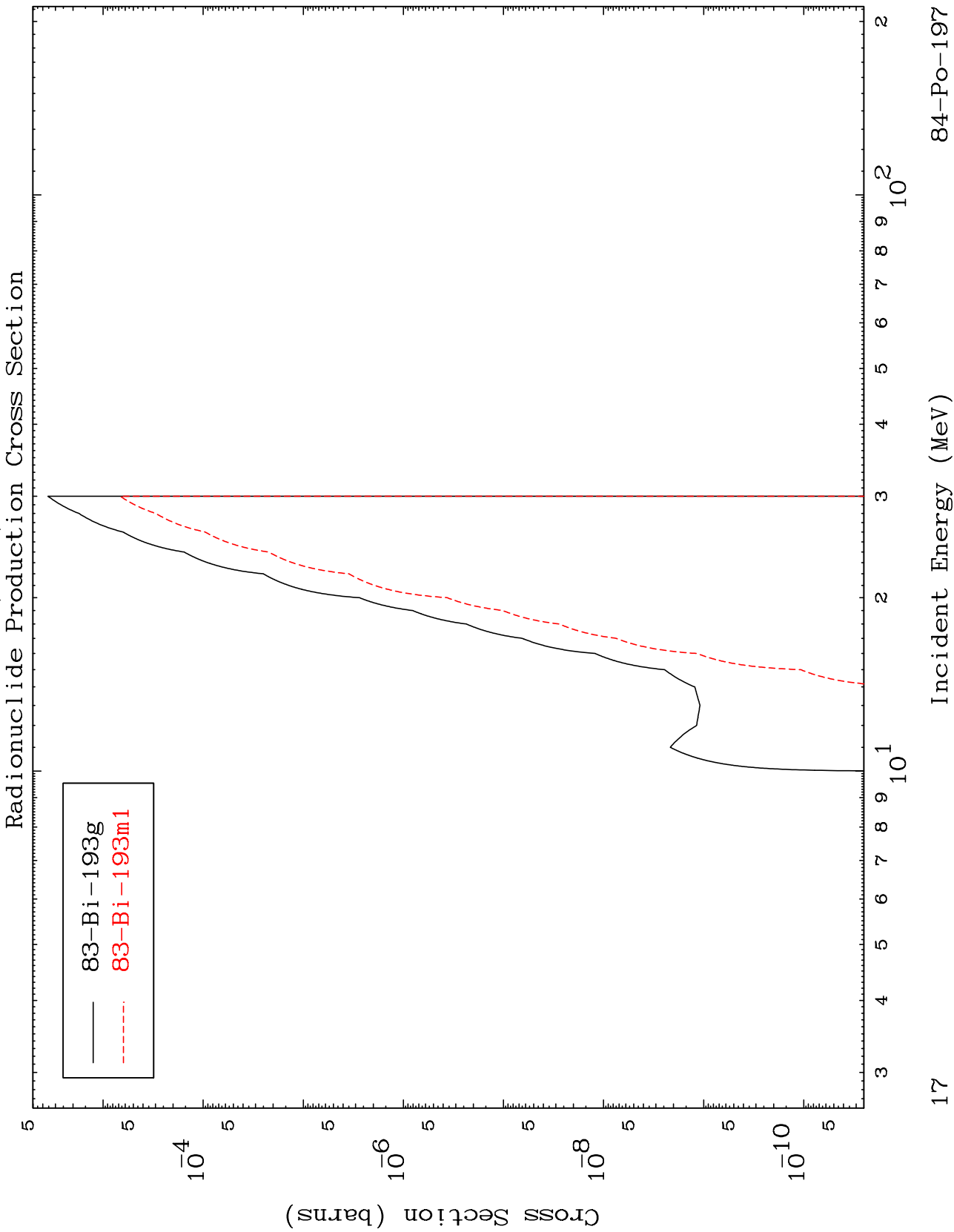
84-Po-197



MAT 8399

(d,2n) α

84-Po-197



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

17

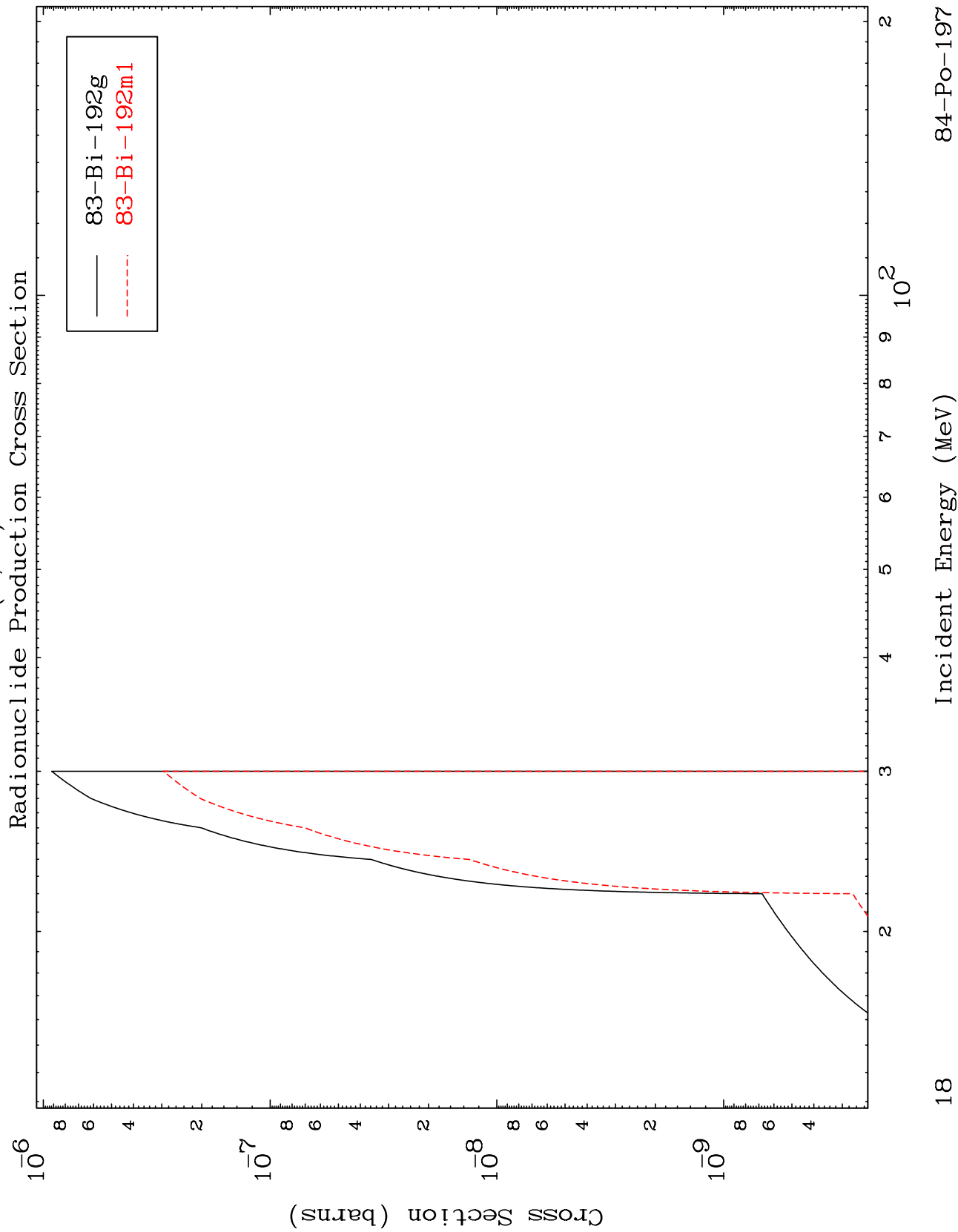
Incident Energy (MeV)

84-Po-197

MAT 8399

(d,3n) α

84-Po-197



18

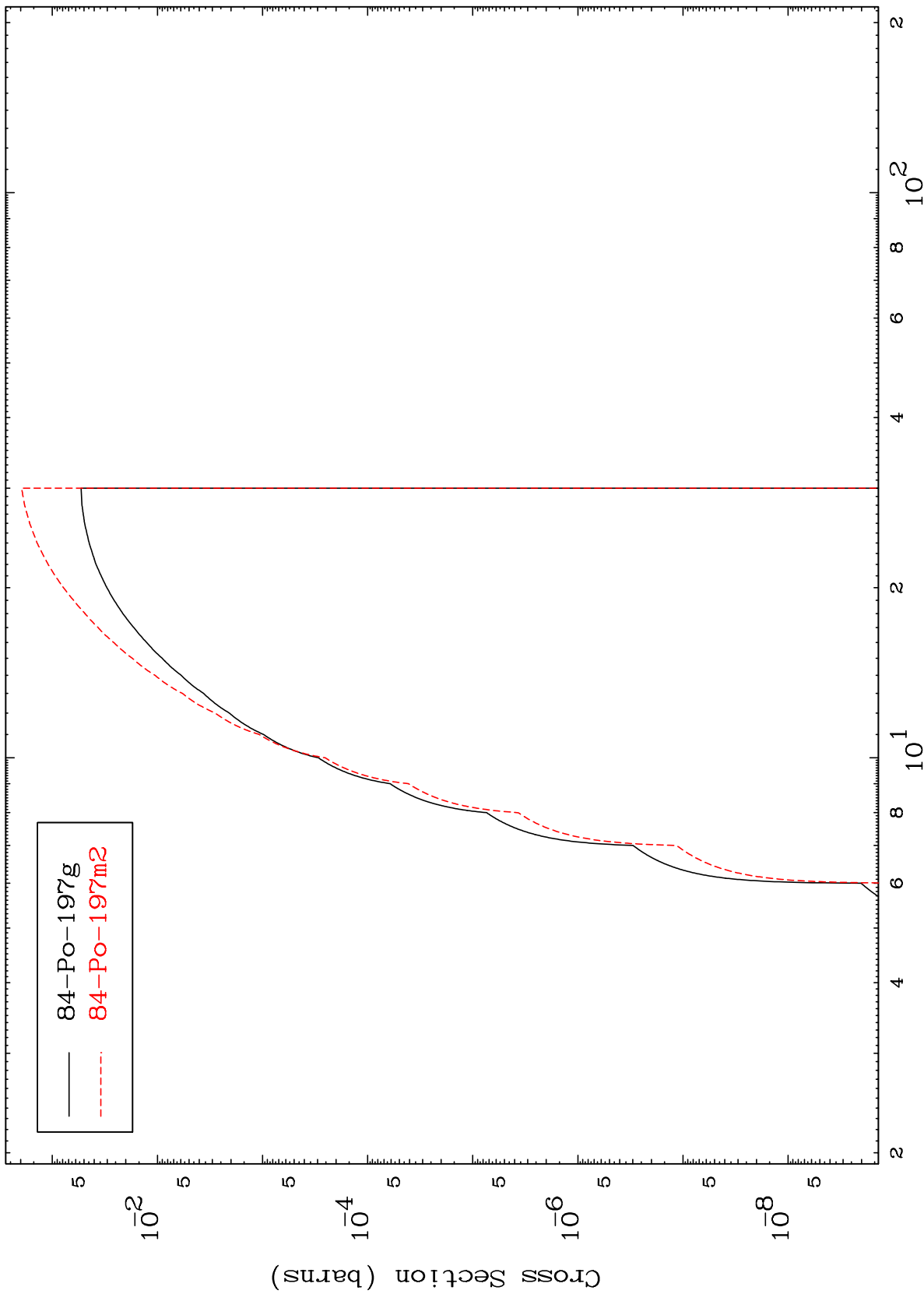
84-Po-197

MAT 8399

84-Po-197

(d,n') p

Radionuclide Production Cross Section



19

Incident Energy (MeV)

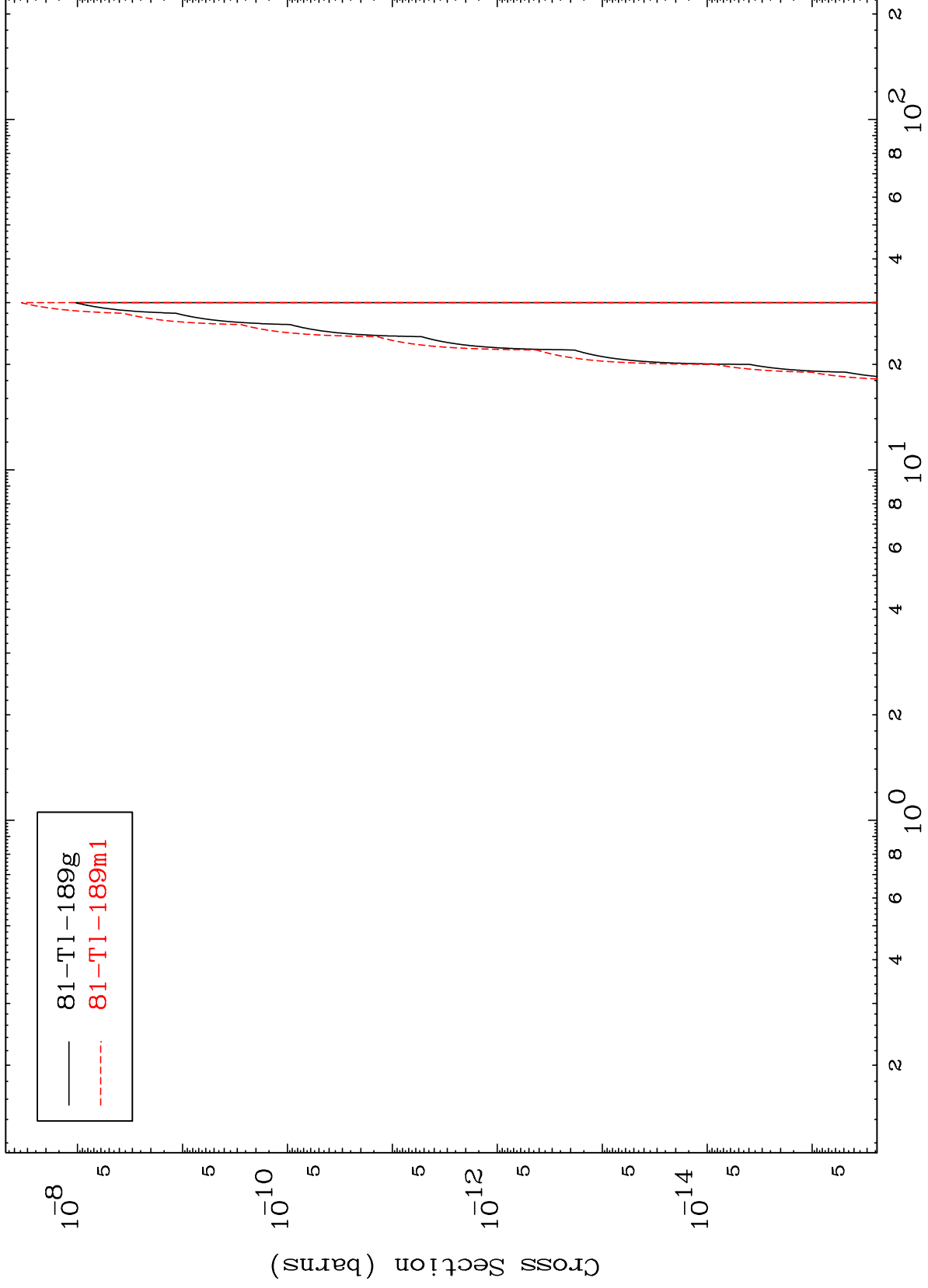
84-Po-197

MAT 8399

(d,2n) ^{208}Po

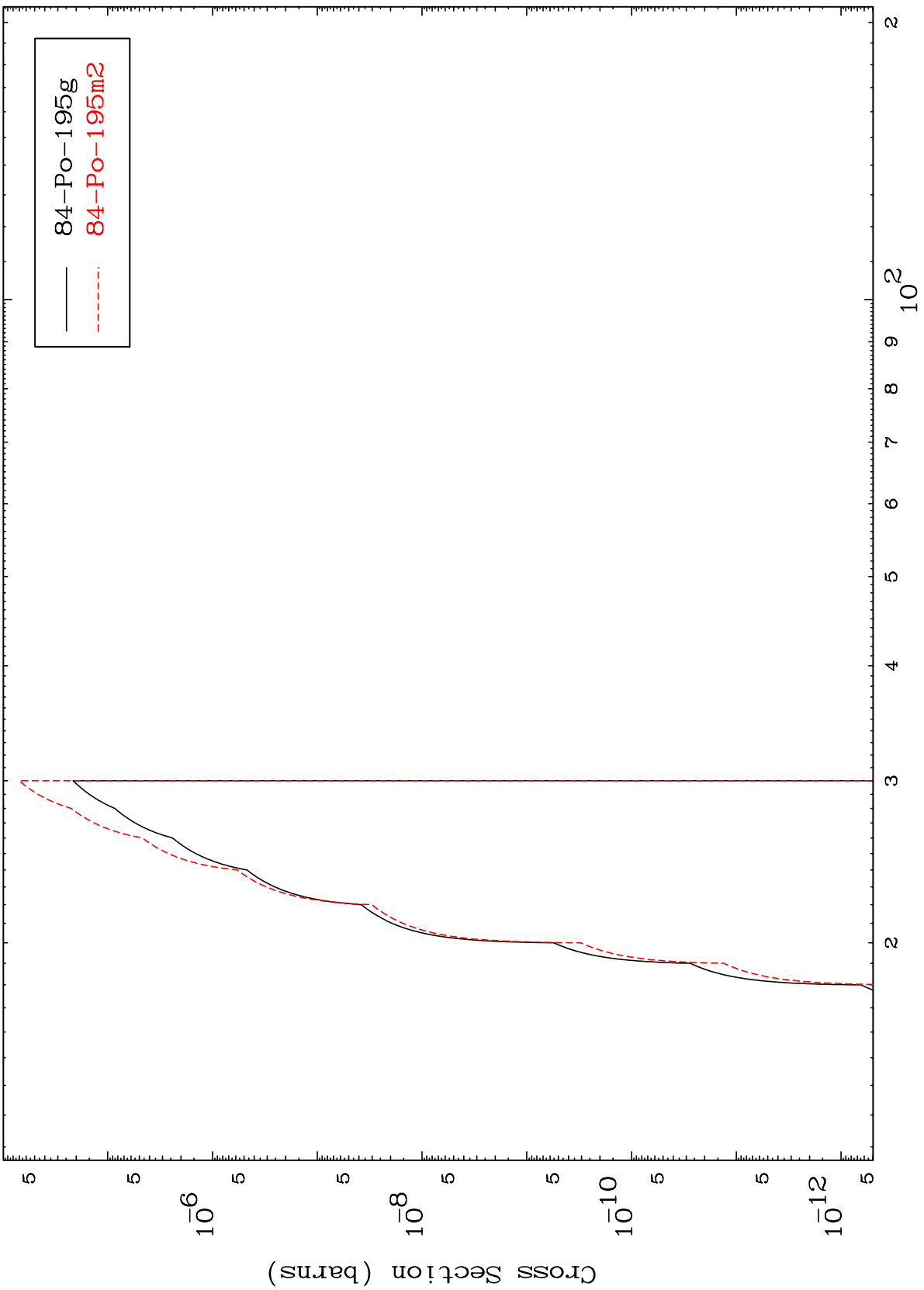
^{208}Po -197

Radionuclide Production Cross Section



81-Tl-189g
81-Tl-189m1

Radionuclide Production Cross Section



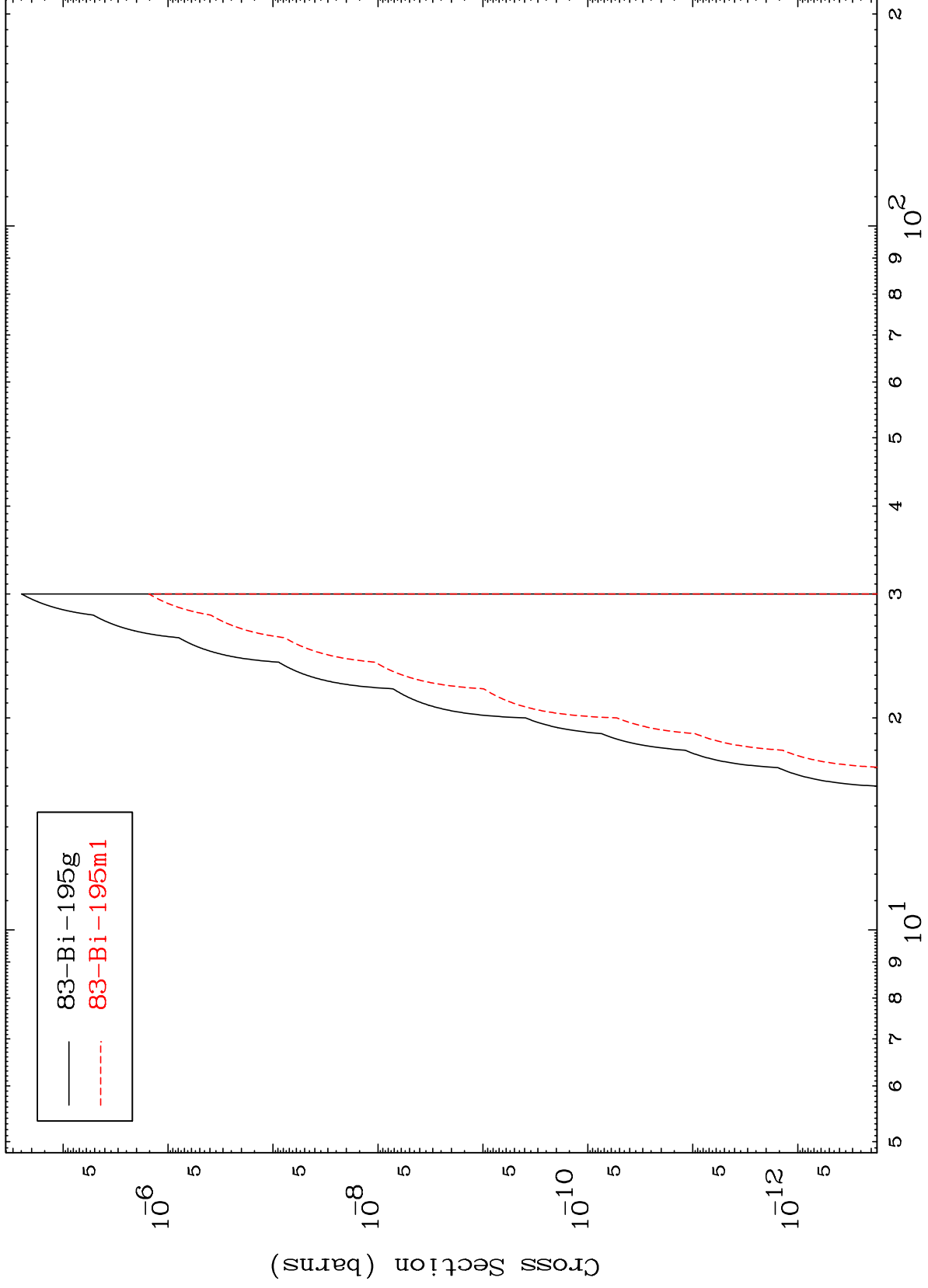
84-Po-195g
84-Po-195m2

MAT 8399

(d,n') He-3

84-Po-197

Radionuclide Production Cross Section



22

Incident Energy (MeV)

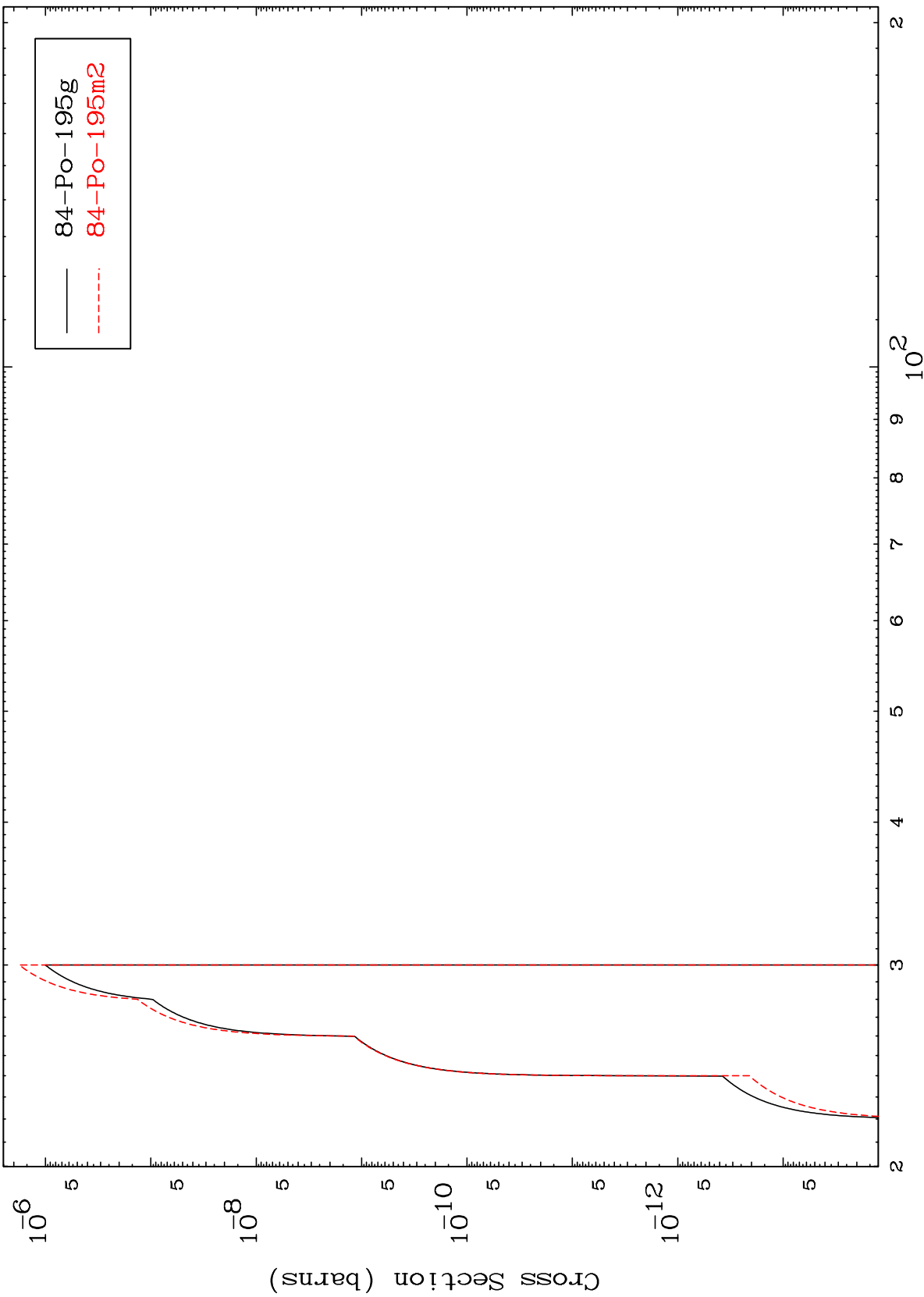
84-Po-197

MAT 8399

(d,3n) p

84-Po-197

Radionuclide Production Cross Section



23

Incident Energy (MeV)

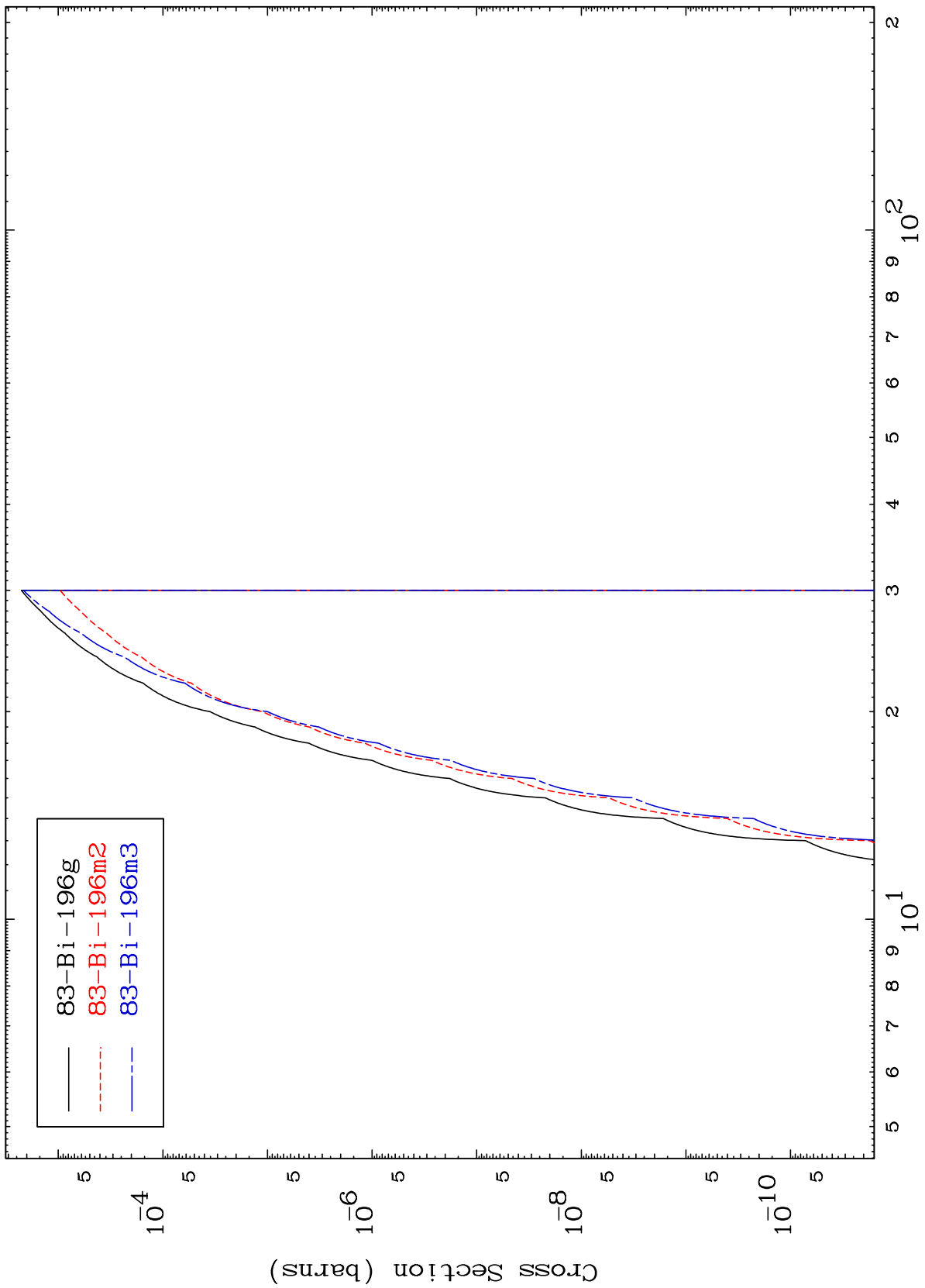
84-Po-197

MAT 8399

(d,2n) p

84-Po-197

Radionuclide Production Cross Section



24

Incident Energy (MeV)

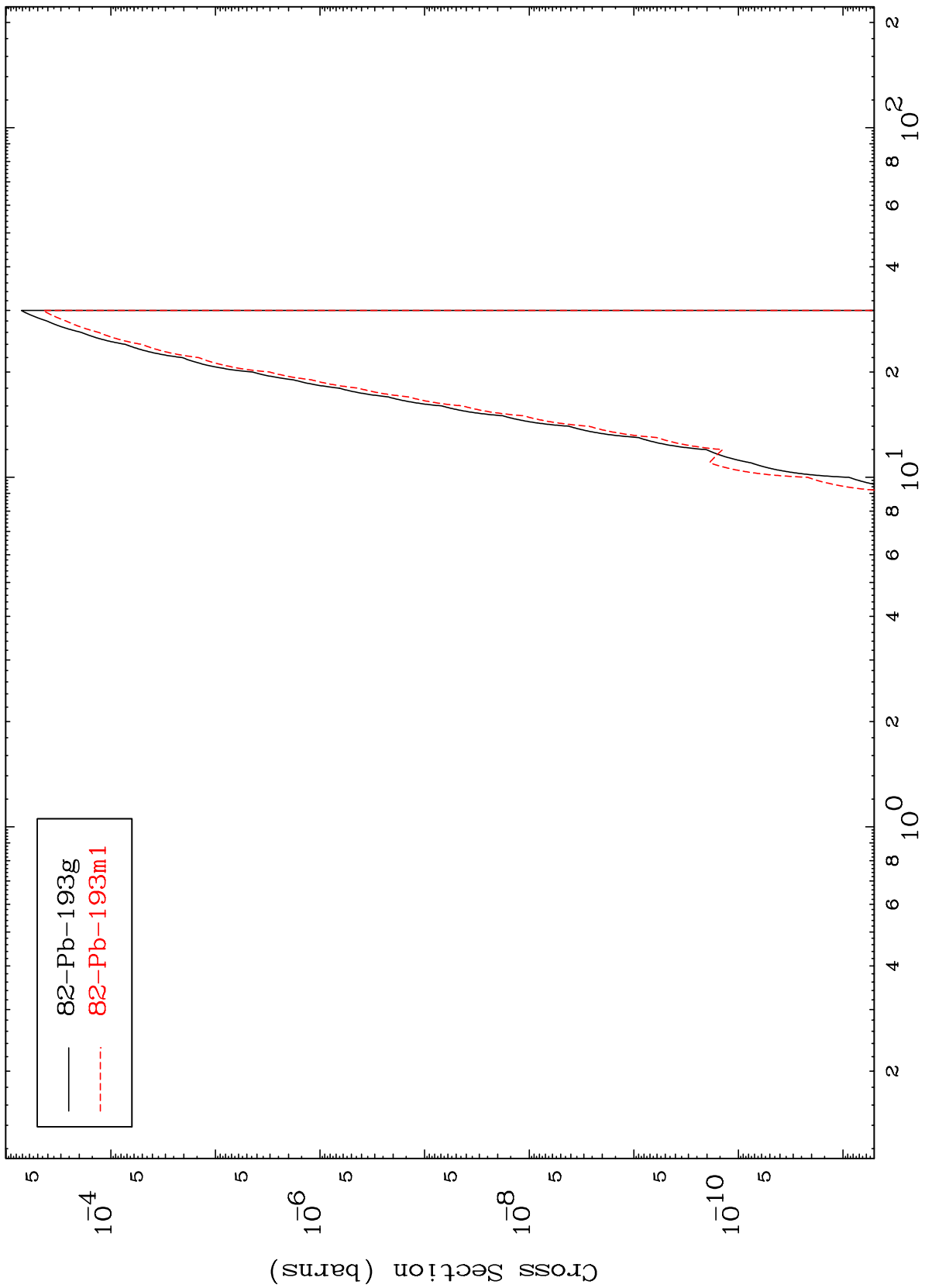
84-Po-197

MAT 8399

(d,n') p α

84-Po-197

Radionuclide Production Cross Section

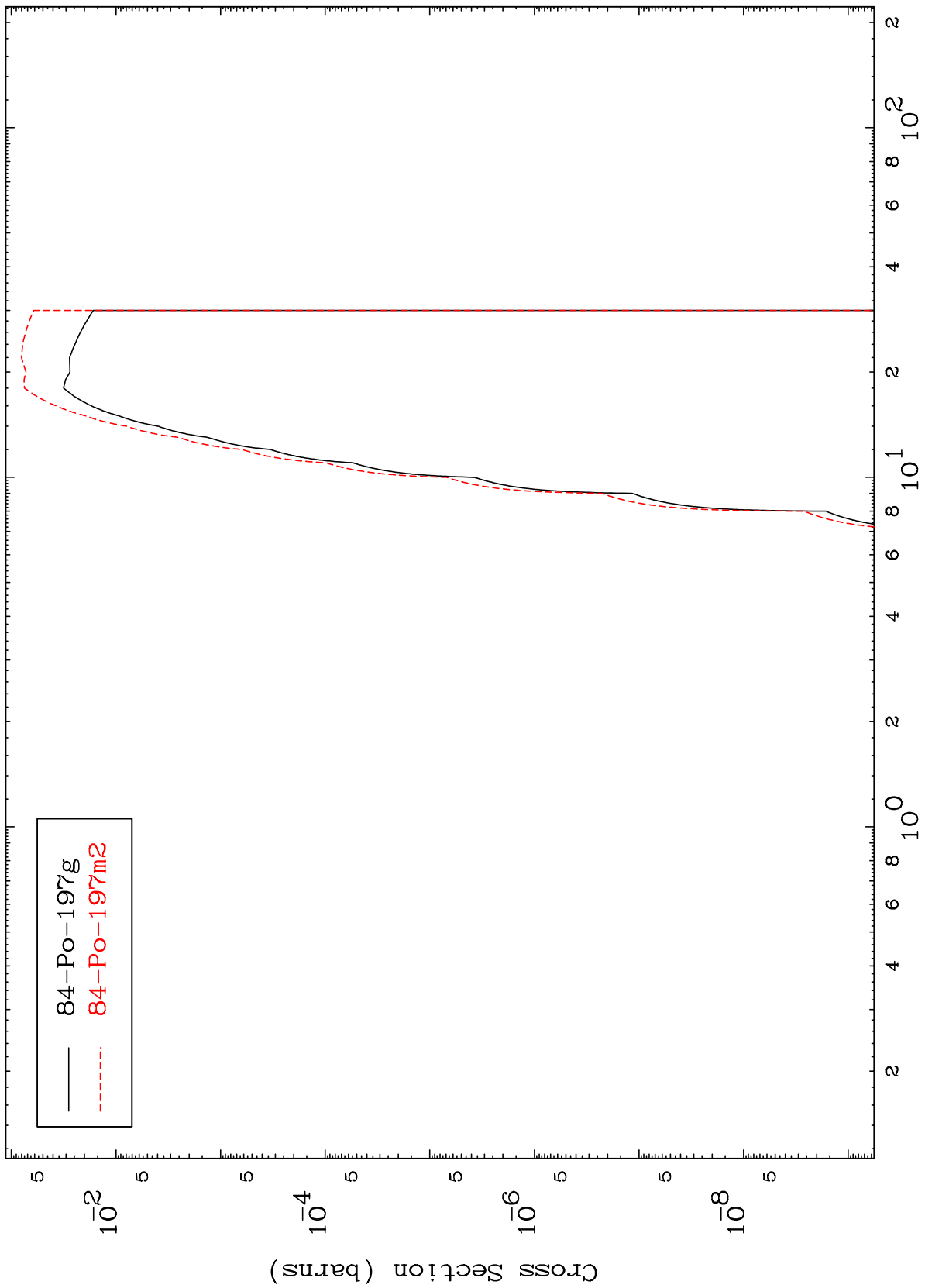


MAT 8399

(d,d)

84-Po-197

Radionuclide Production Cross Section



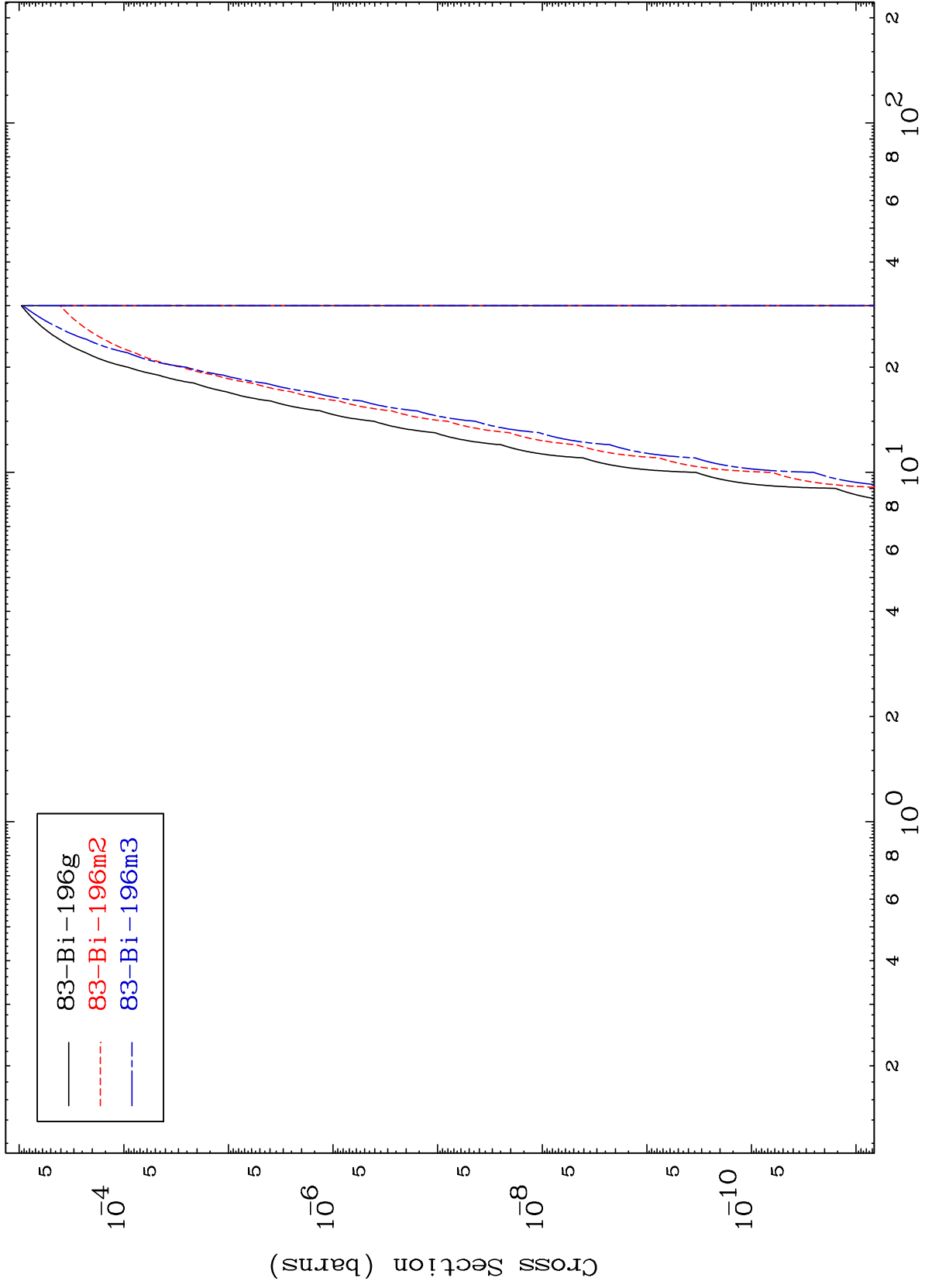
84-Po-197g
84-Po-197m2

MAT 8399

(d,He-3)

84-Po-197

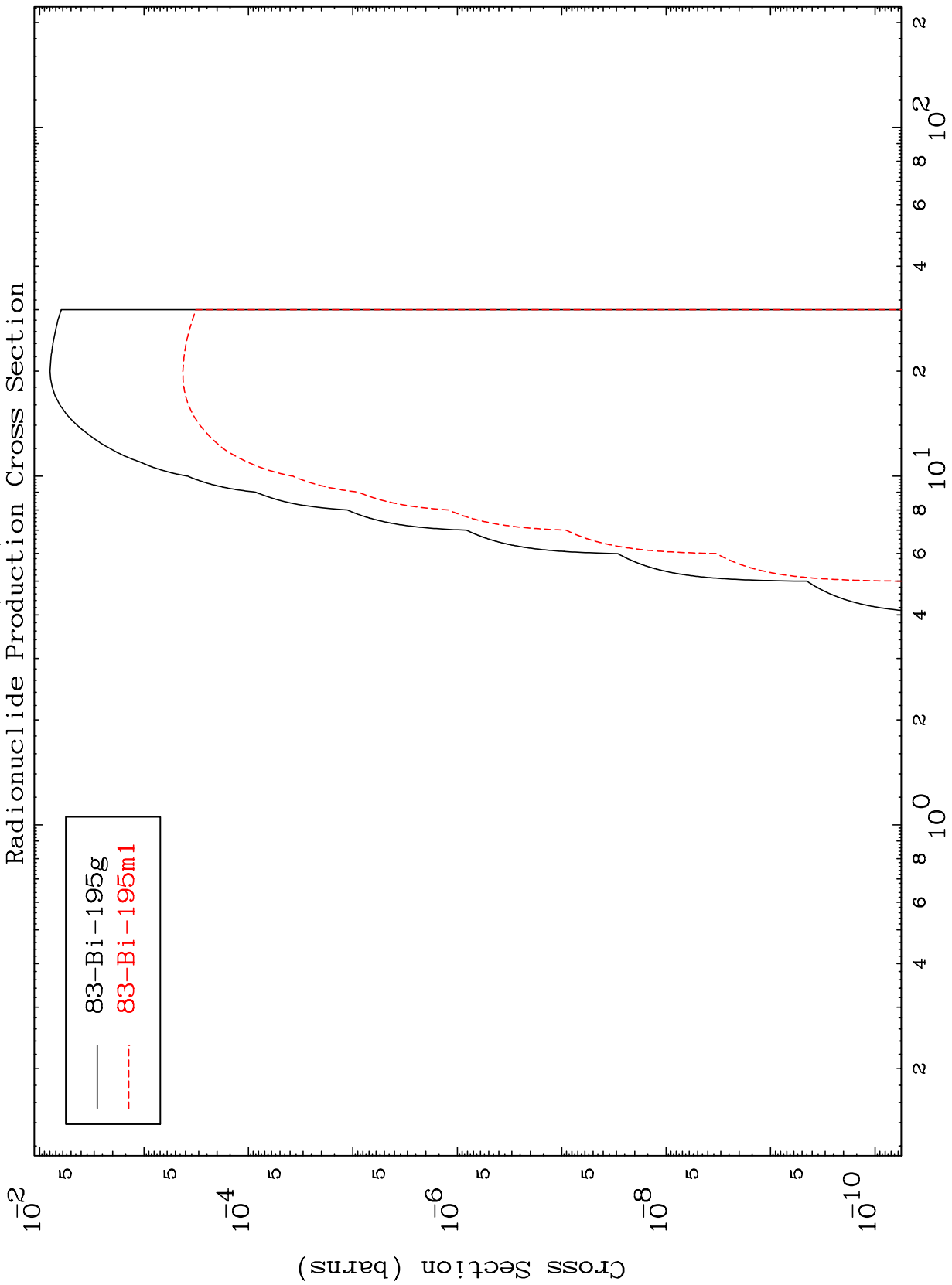
Radionuclide Production Cross Section



MAT 8399

84-Po-197

Radionuclide Production Cross Section
(d, α)



— 83-Bi-195g
- - - 83-Bi-195m1

84-Po-197

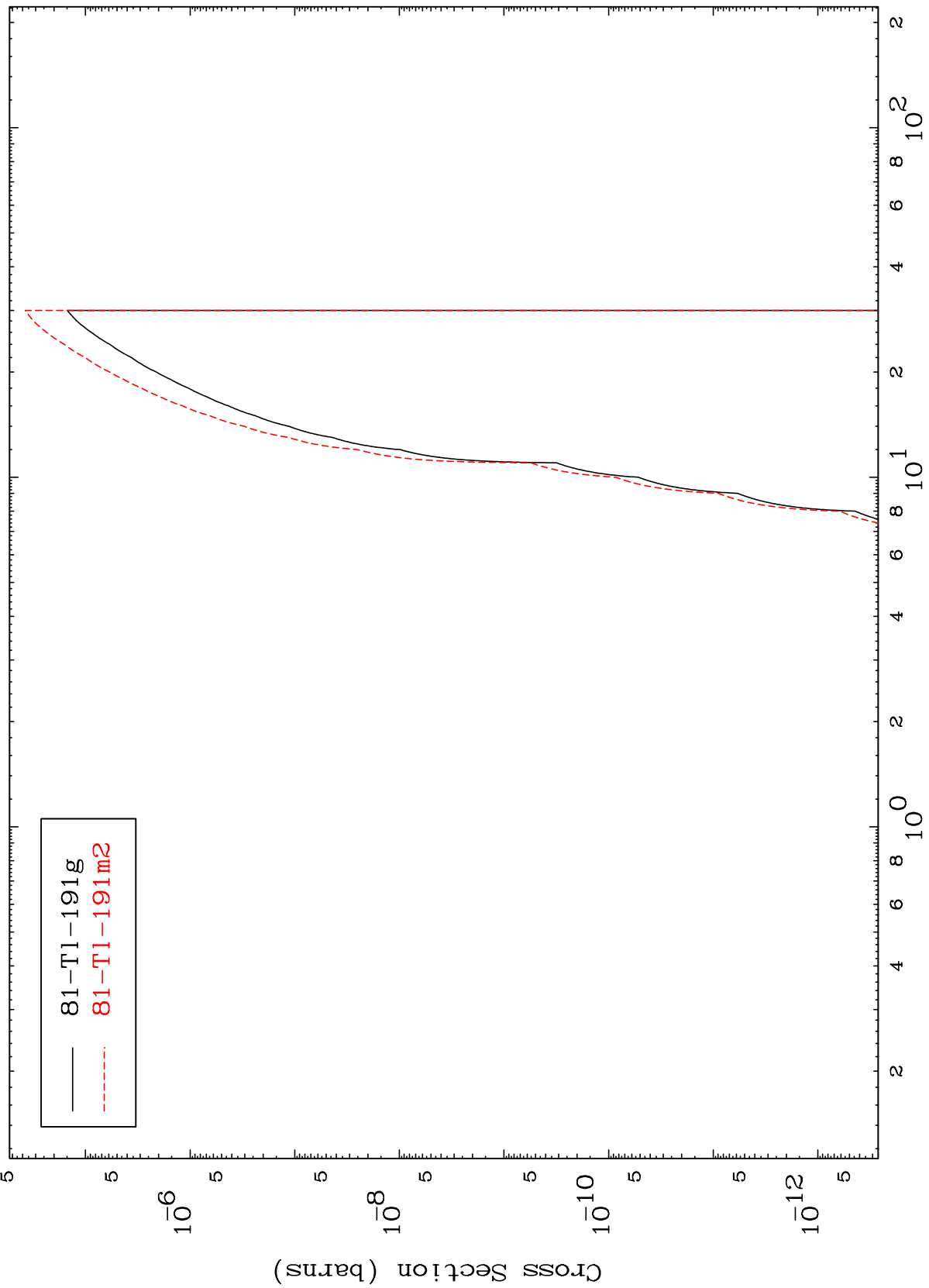
Incident Energy (MeV)

28

MAT 8399

84-Po-197

Radionuclide Production Cross Section
(d,2 α)



84-Po-197

Incident Energy (MeV)

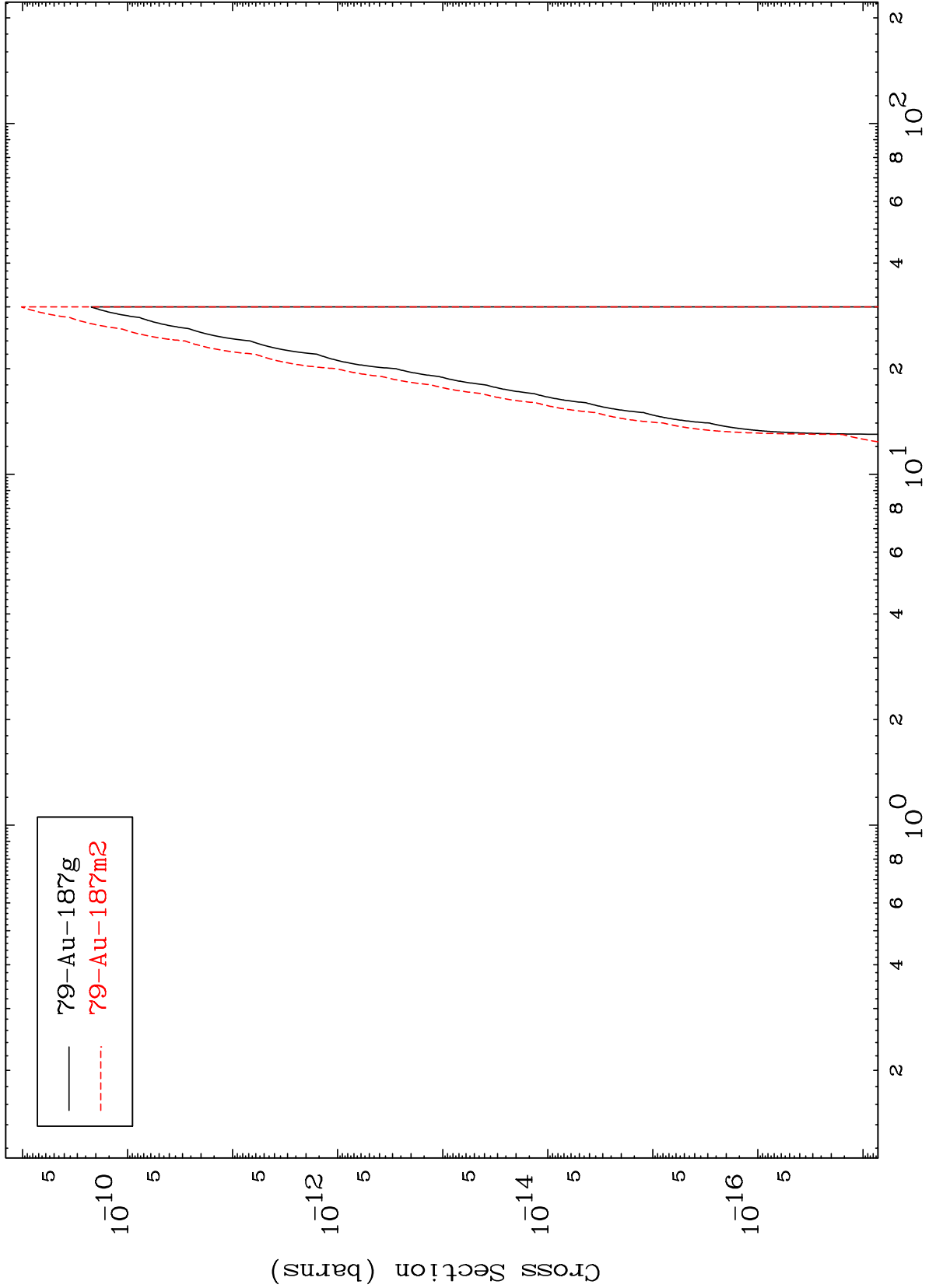
29

MAT 8399

(d,3 α)

84-Po-197

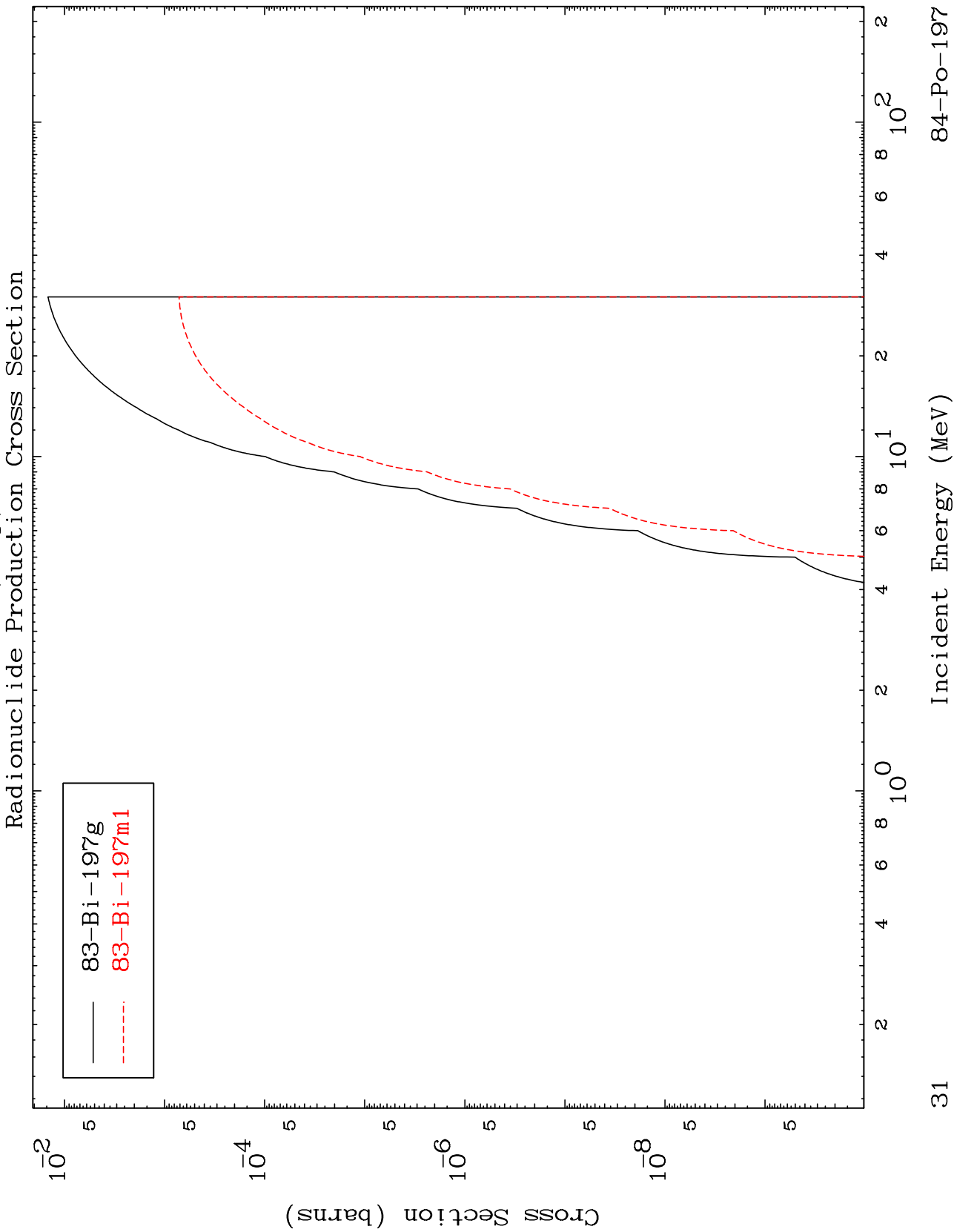
Radionuclide Production Cross Section



— 79-Au-187g
- - - 79-Au-187m2

MAT 8399

84-Po-197

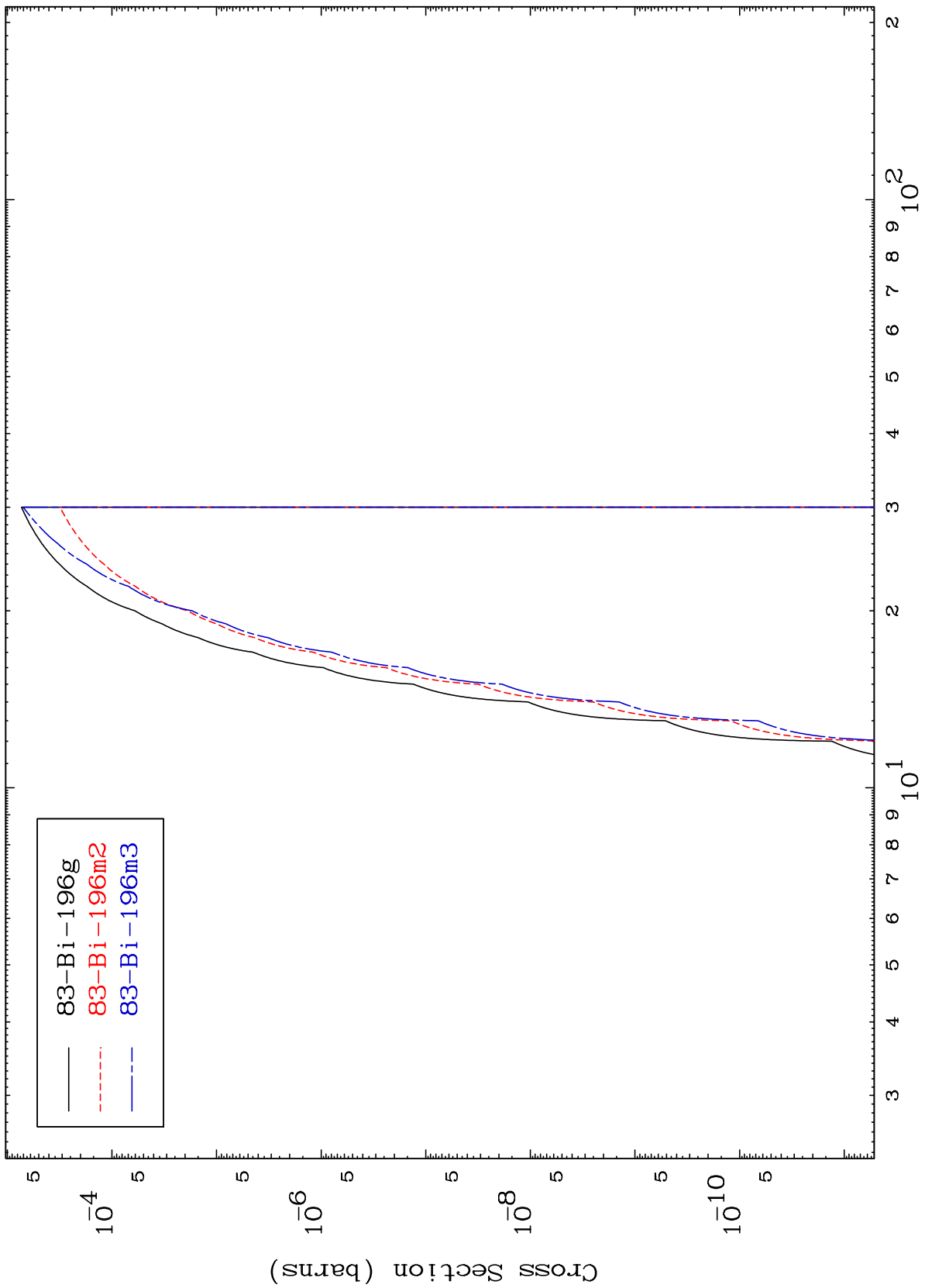


MAT 8399

(d,p) d

84-Po-197

Radionuclide Production Cross Section



32

Incident Energy (MeV)

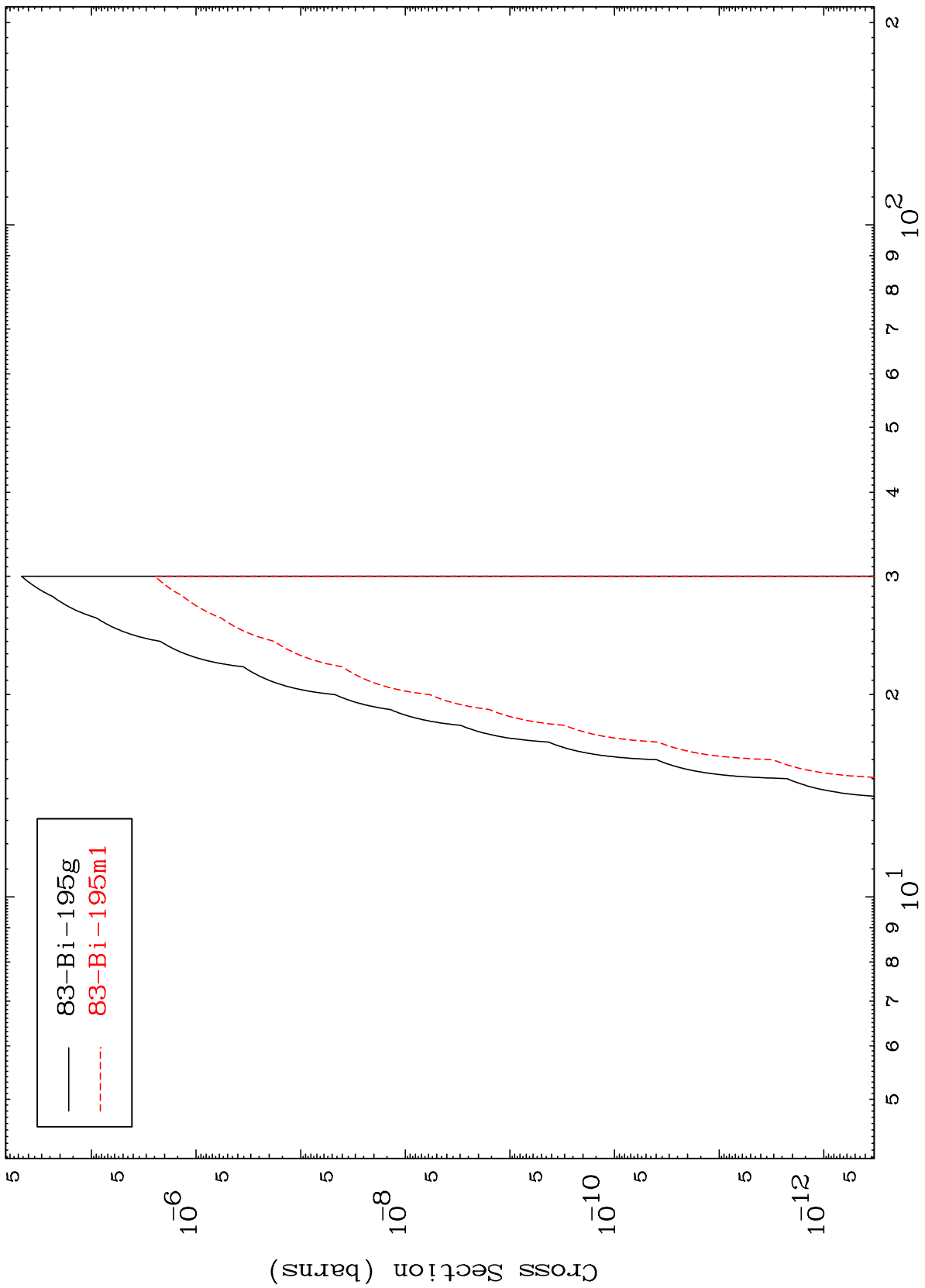
84-Po-197

MAT 8399

(d,p) t

84-Po-197

Radionuclide Production Cross Section



33

Incident Energy (MeV)

84-Po-197

MAT 8399

(d,d) α

84-Po-197

