

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

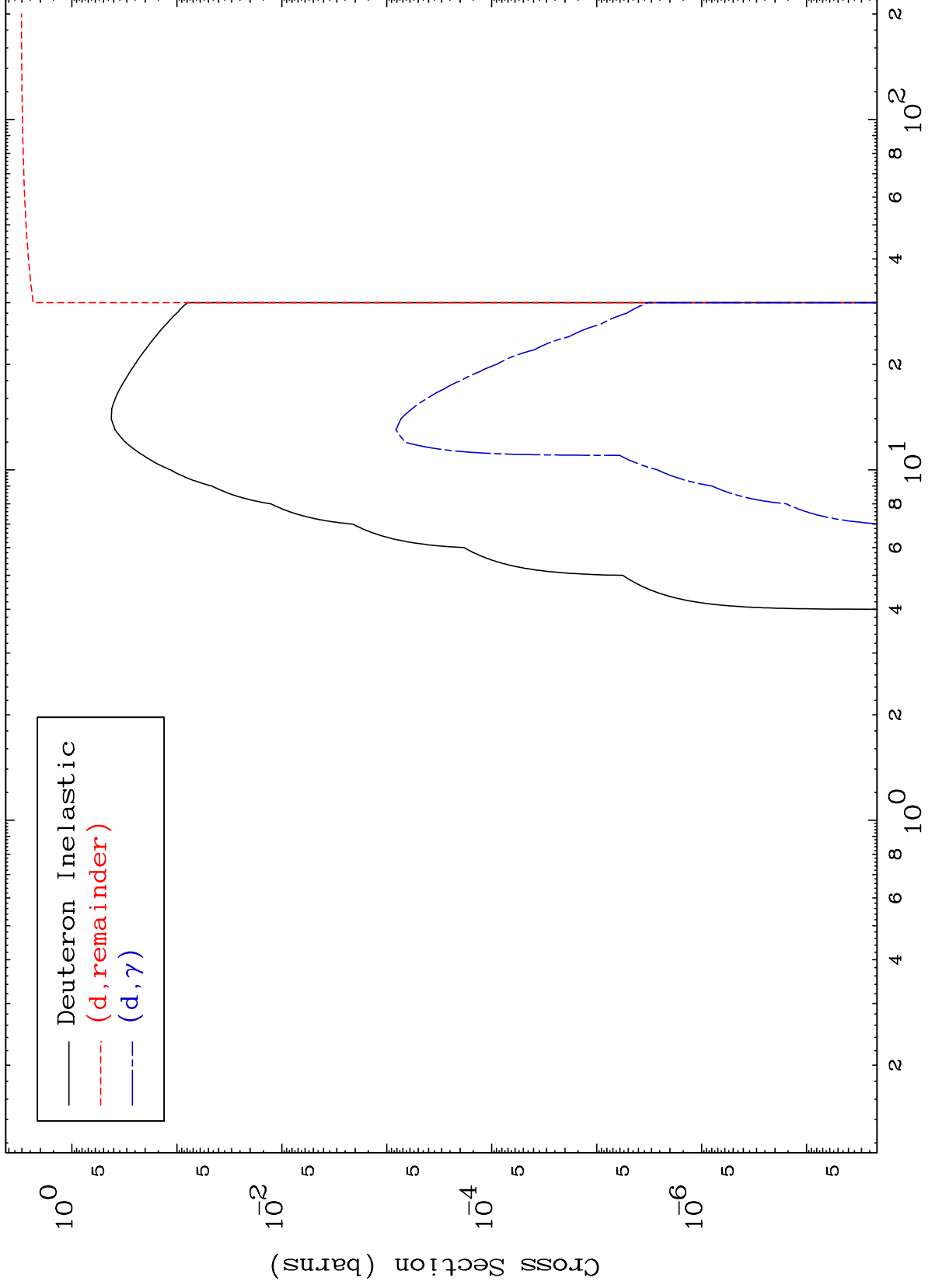
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

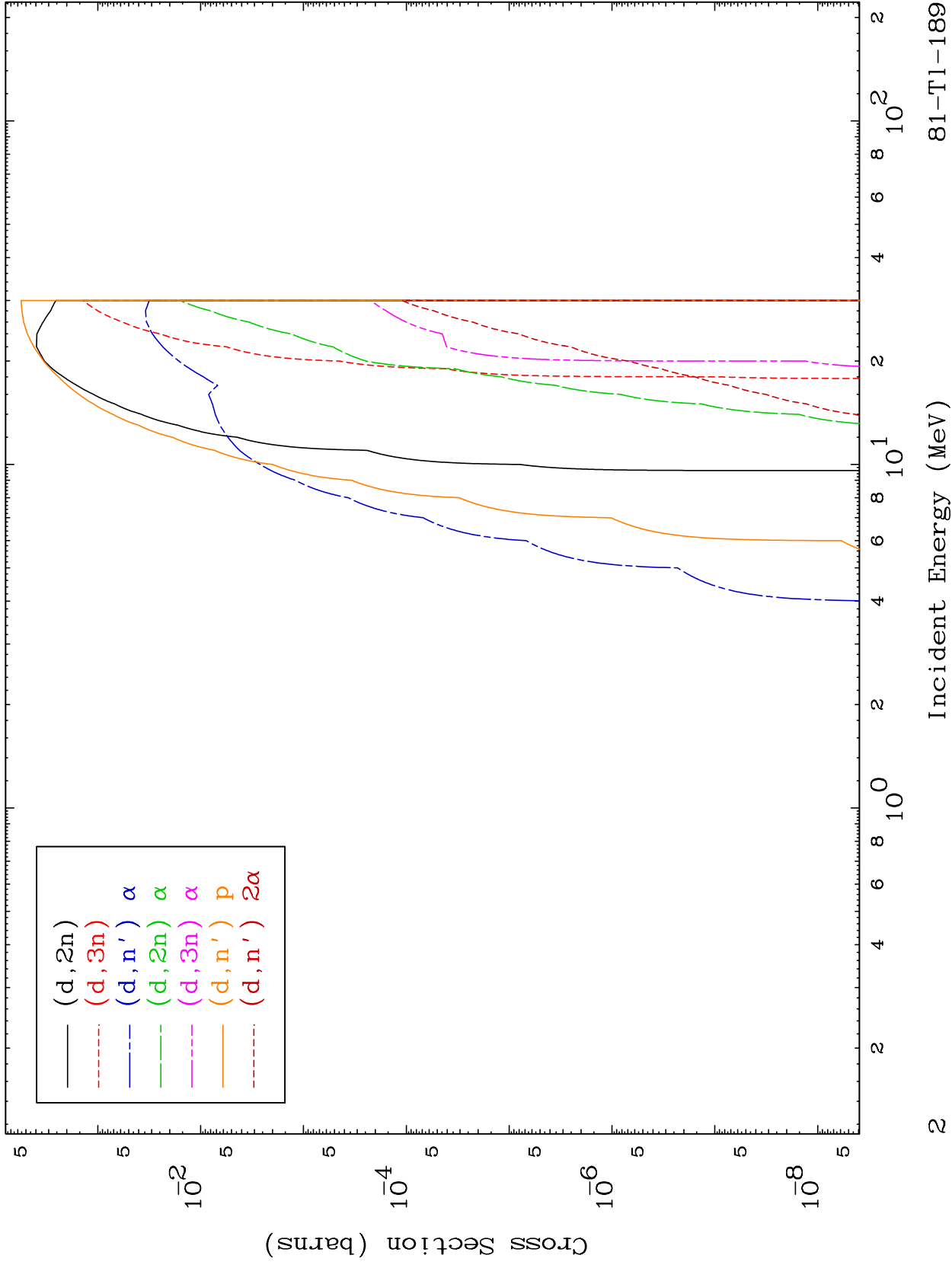
Tele: 925-443-1911

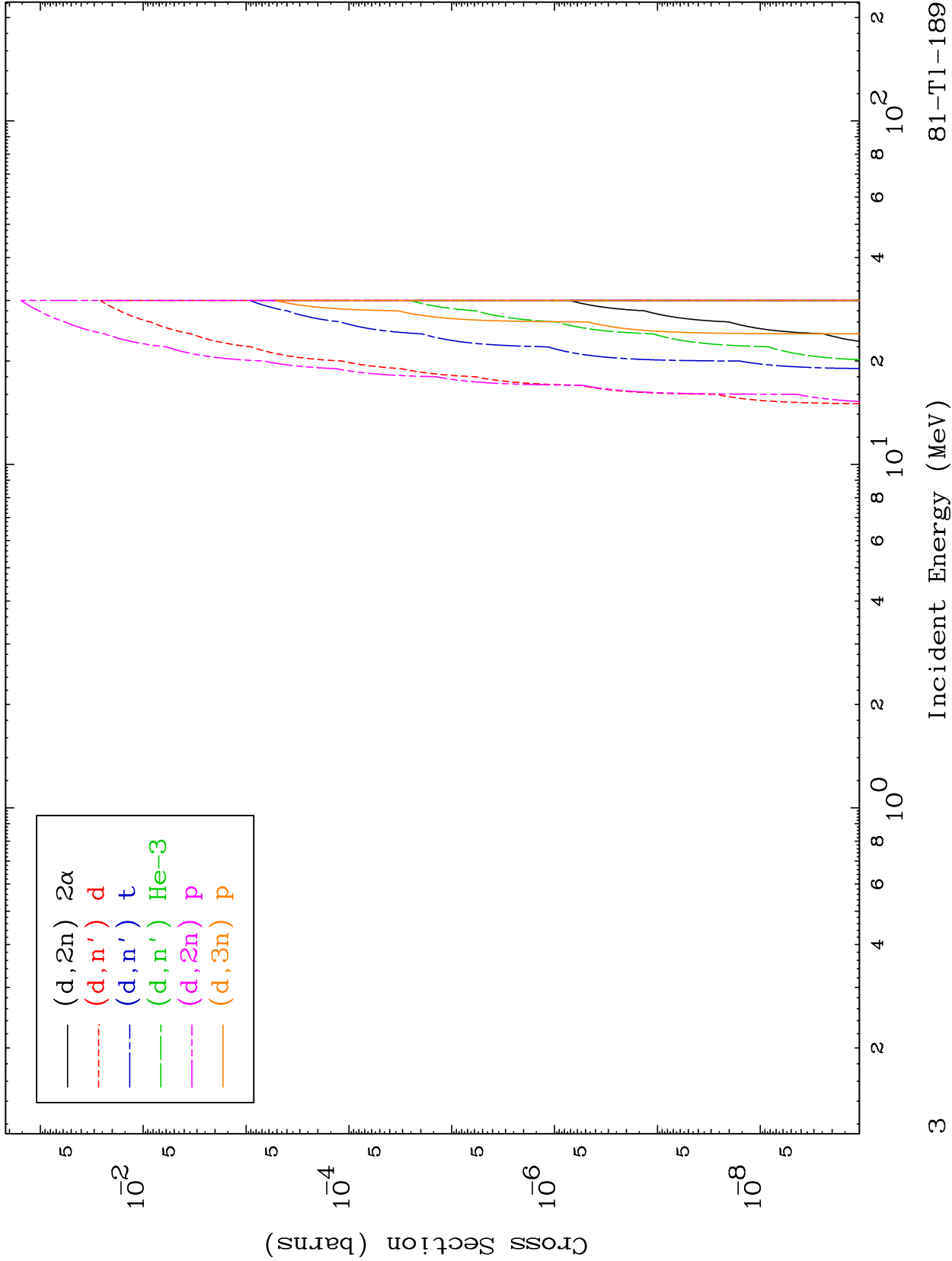
E.Mail: redcullen1@comcast.net

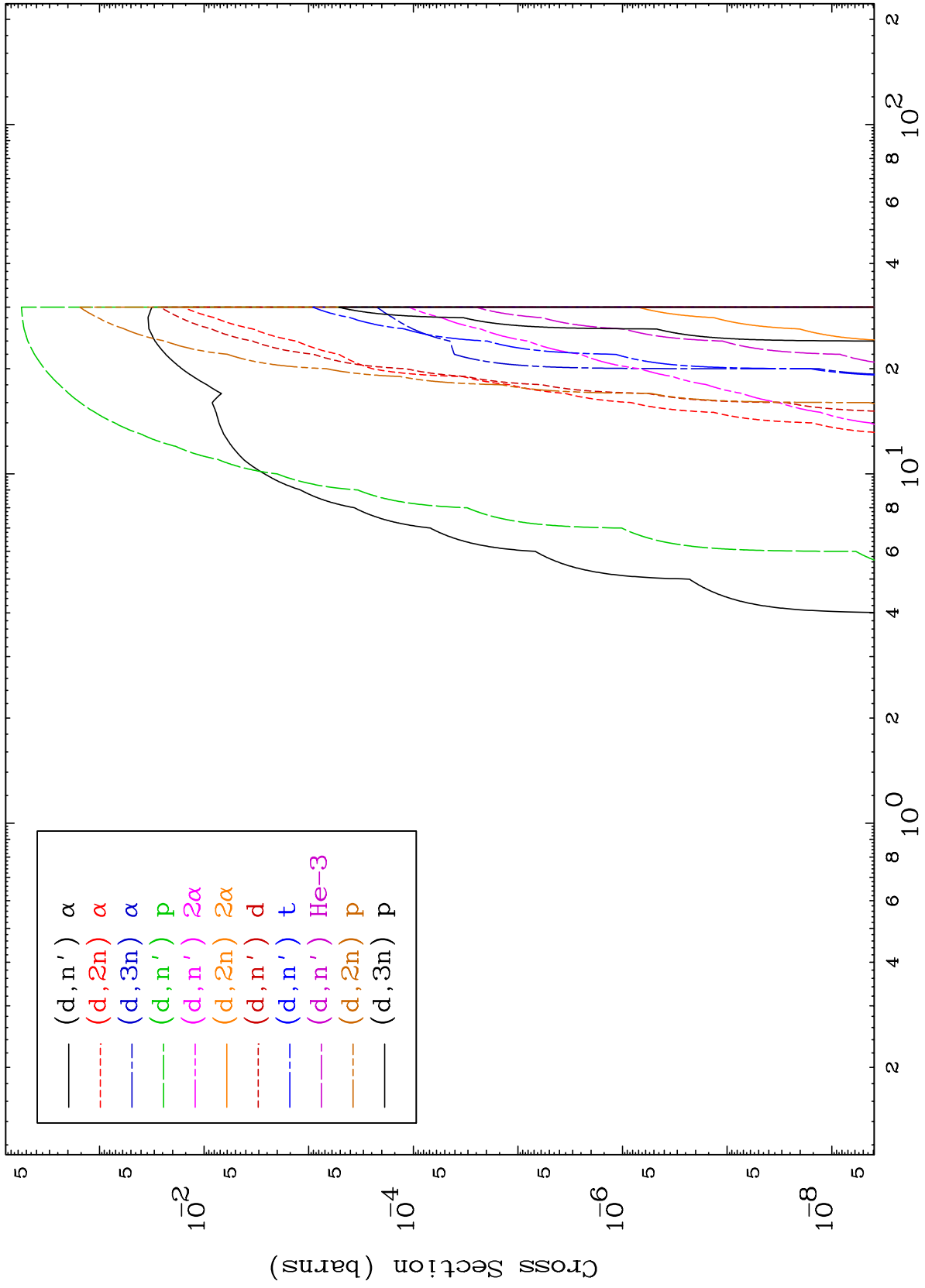
Web: redcullen1.net/HOMEPAGE.NEW

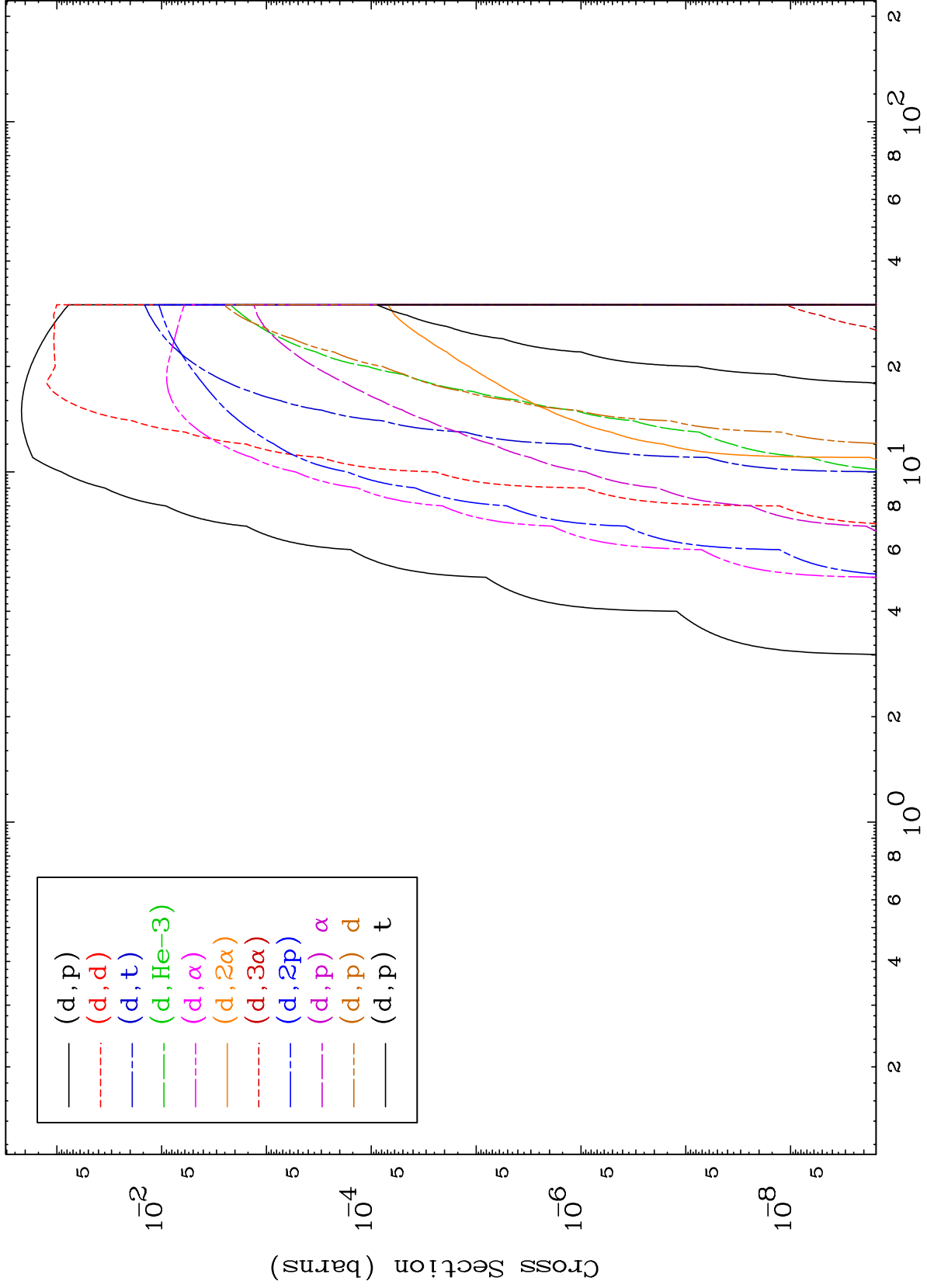
Press Mouse Button to Start









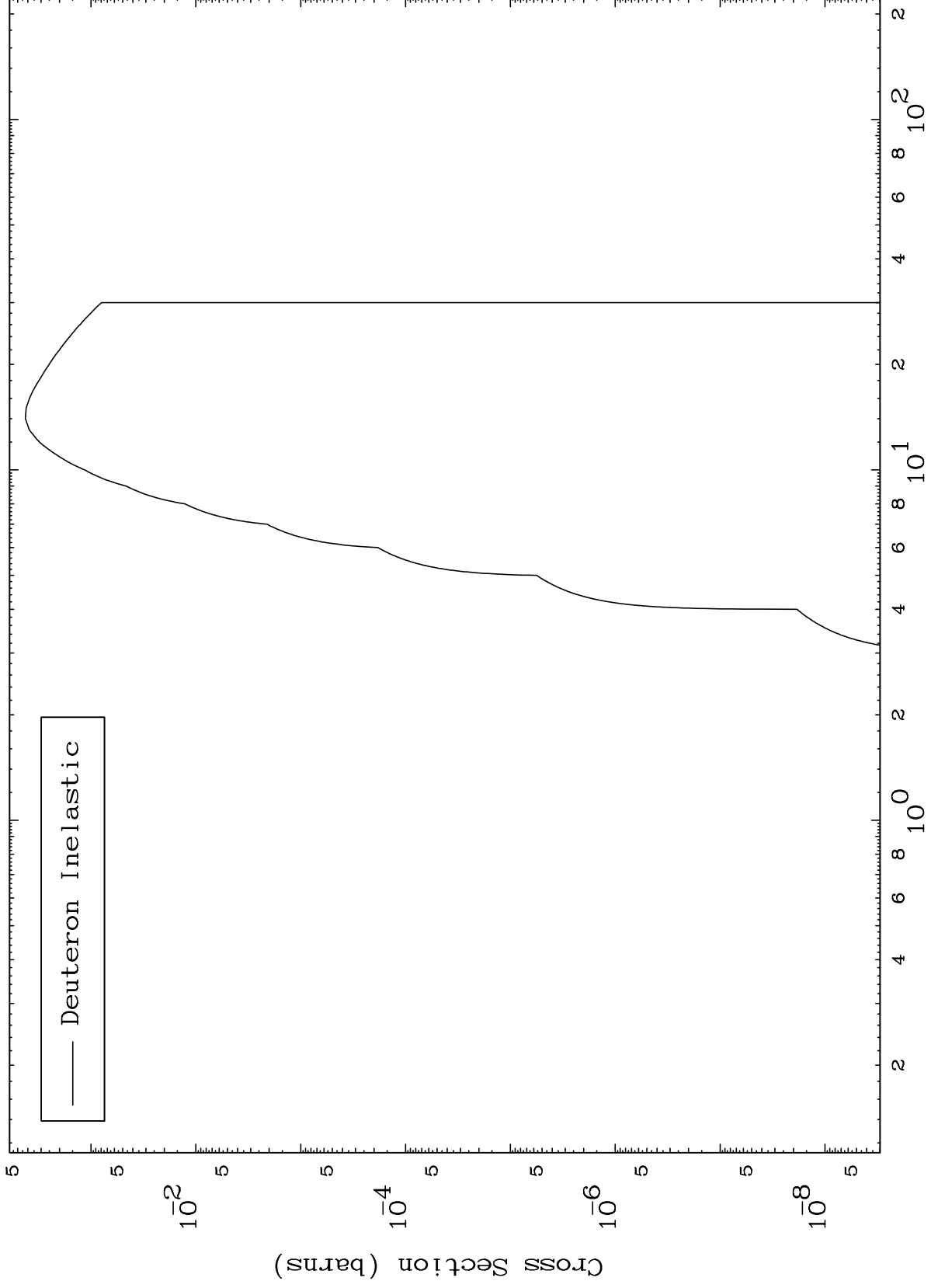


MAT 8084

(d,n') Level

81-Tl-189

0 Kelvin Cross Sections



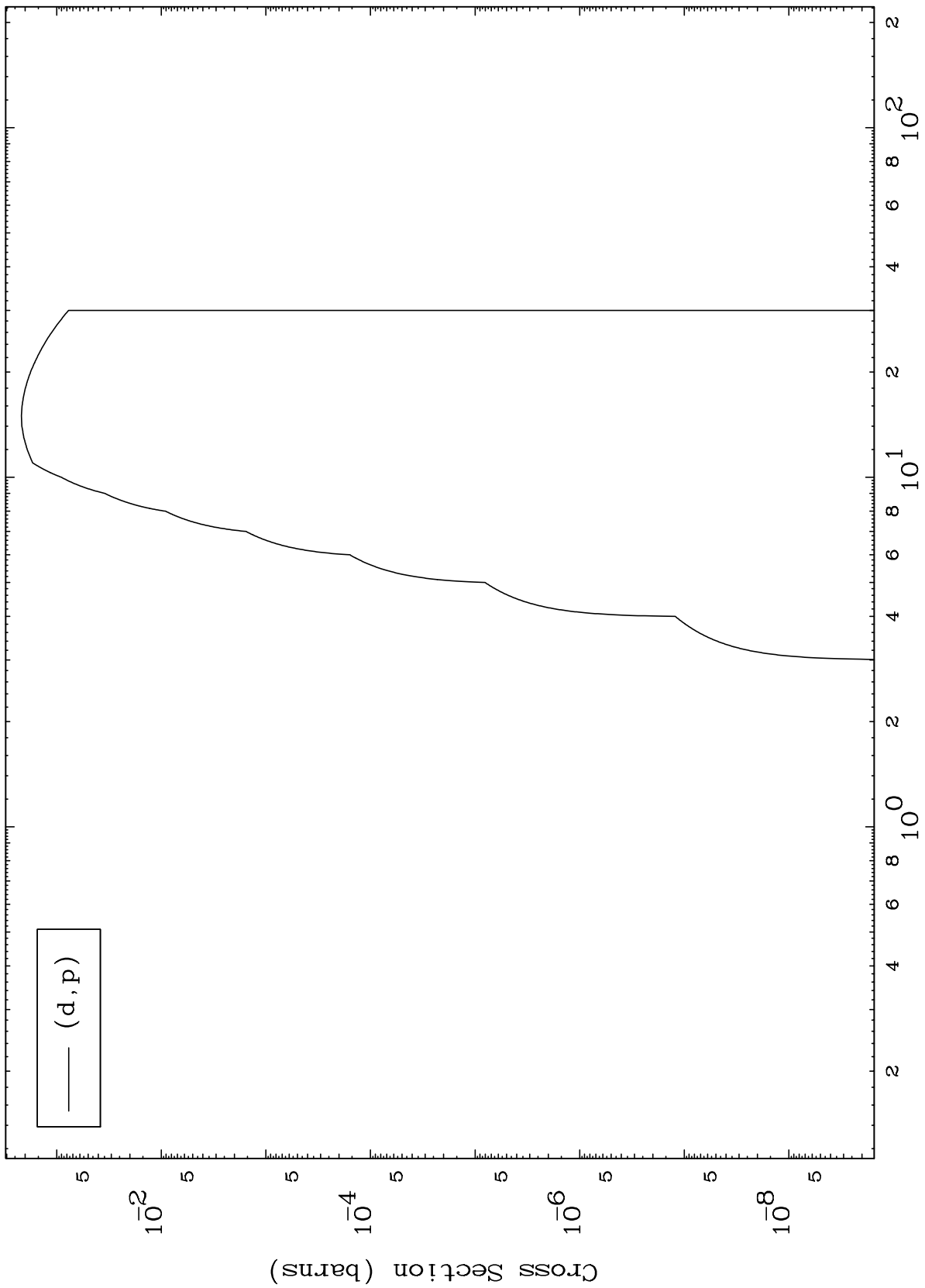
— Deuteron Inelastic

MAT 8084

(d,p) Levels

81-Tl-189

0 Kelvin Cross Sections

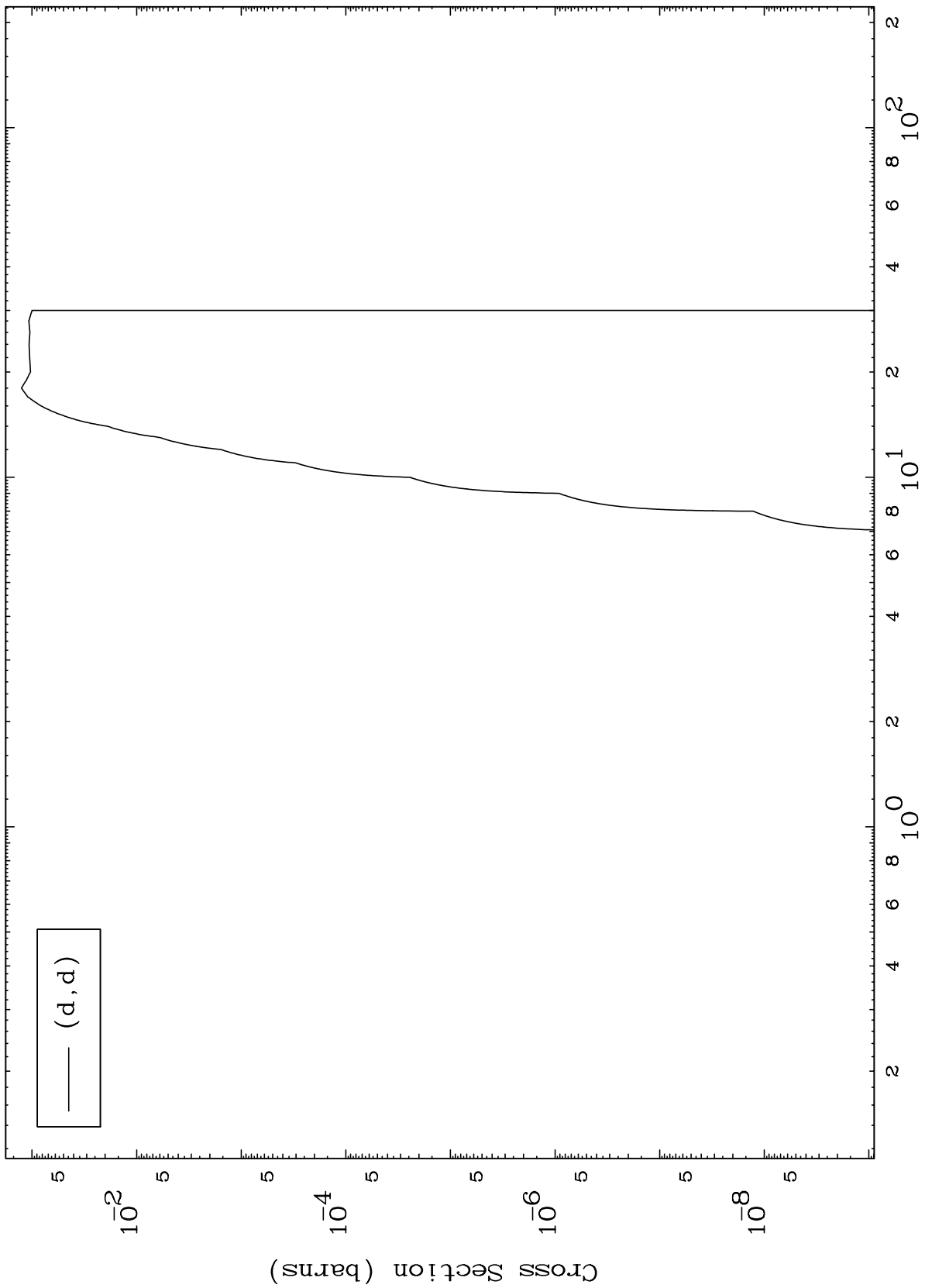


MAT 8084

(d,d) Levels

81-Tl-189

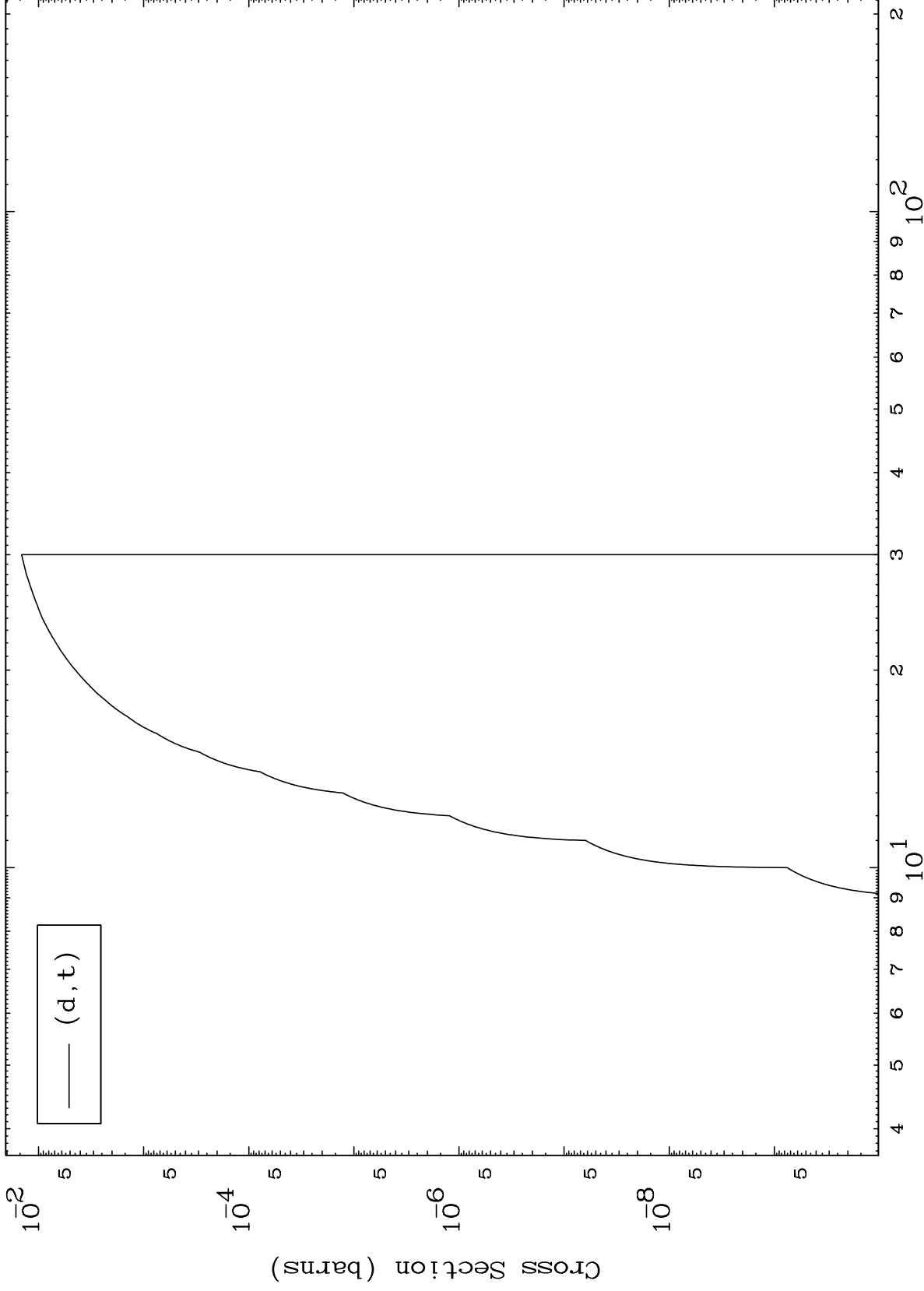
0 Kelvin Cross Sections



MAT 8084

(d,t) Levels
0 Kelvin Cross Sections

81-Tl-189



9

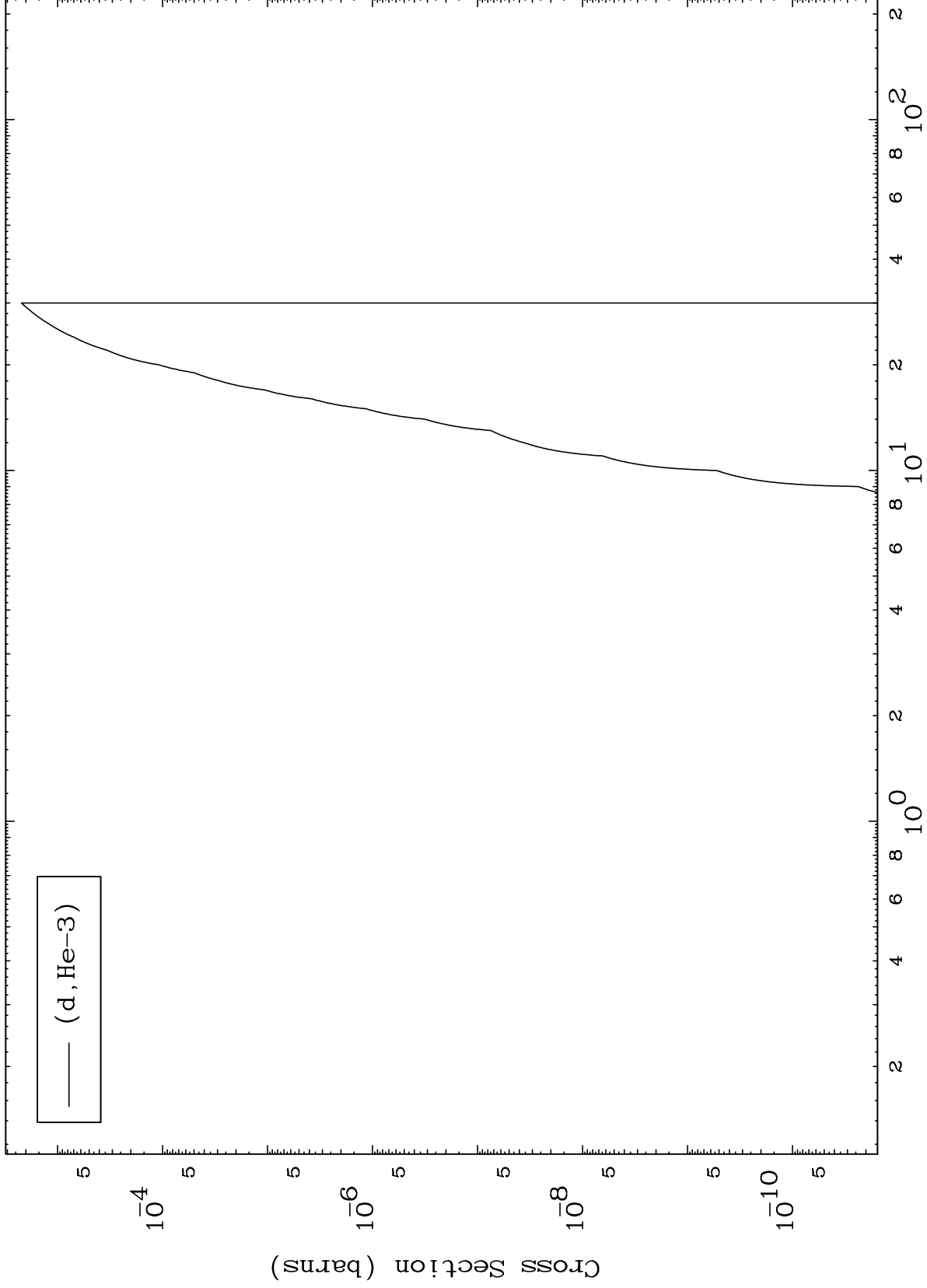
Incident Energy (MeV)

81-Tl-189

MAT 8084

(d,He3) Levels
0 Kelvin Cross Sections

81-Tl-189



10

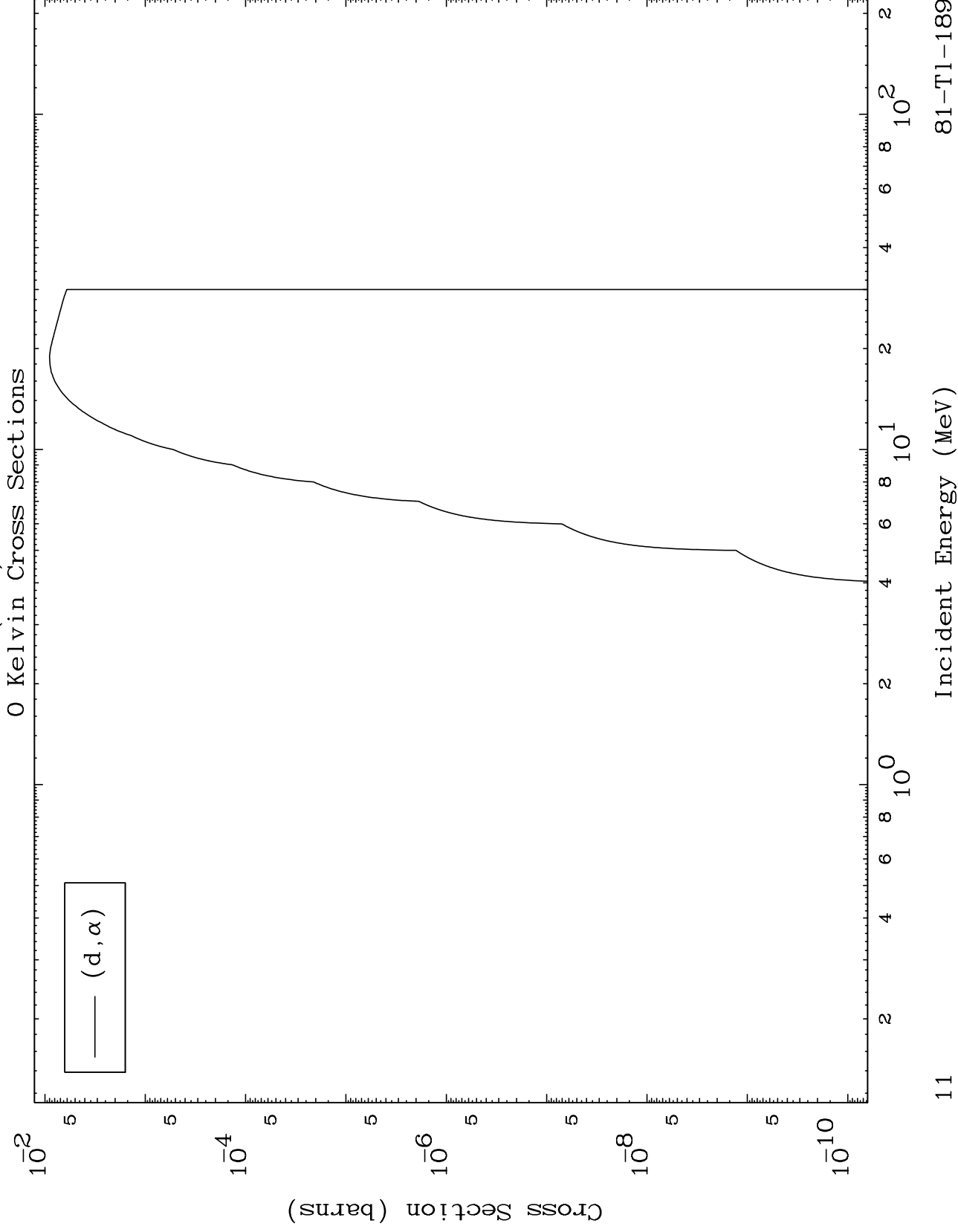
Incident Energy (MeV)

81-Tl-189

MAT 8084

(d, α) Levels

81-Tl-189

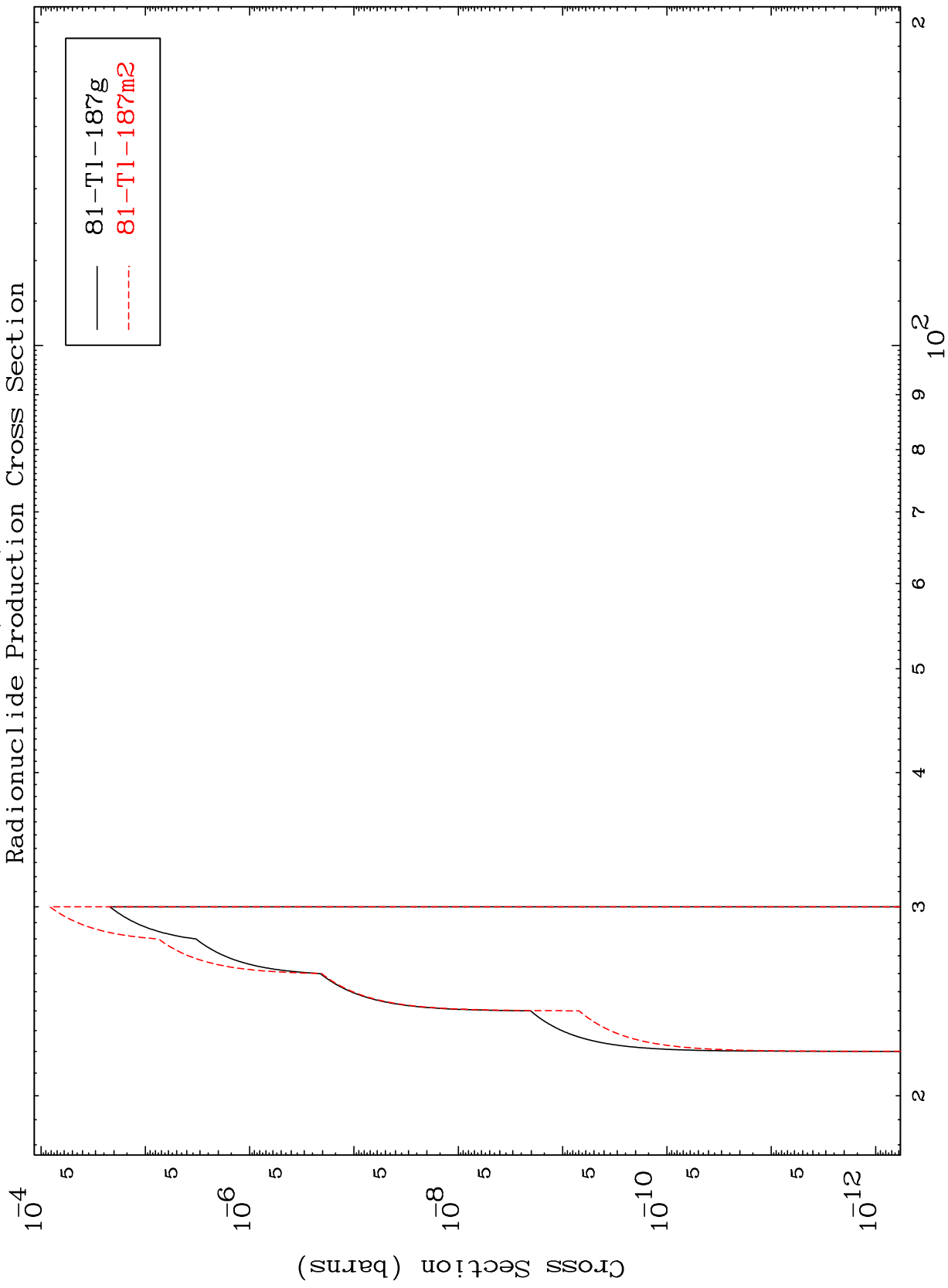


MAT 8084

(d,2n) d

81-Tl-189

Radionuclide Production Cross Section



12

Incident Energy (MeV)

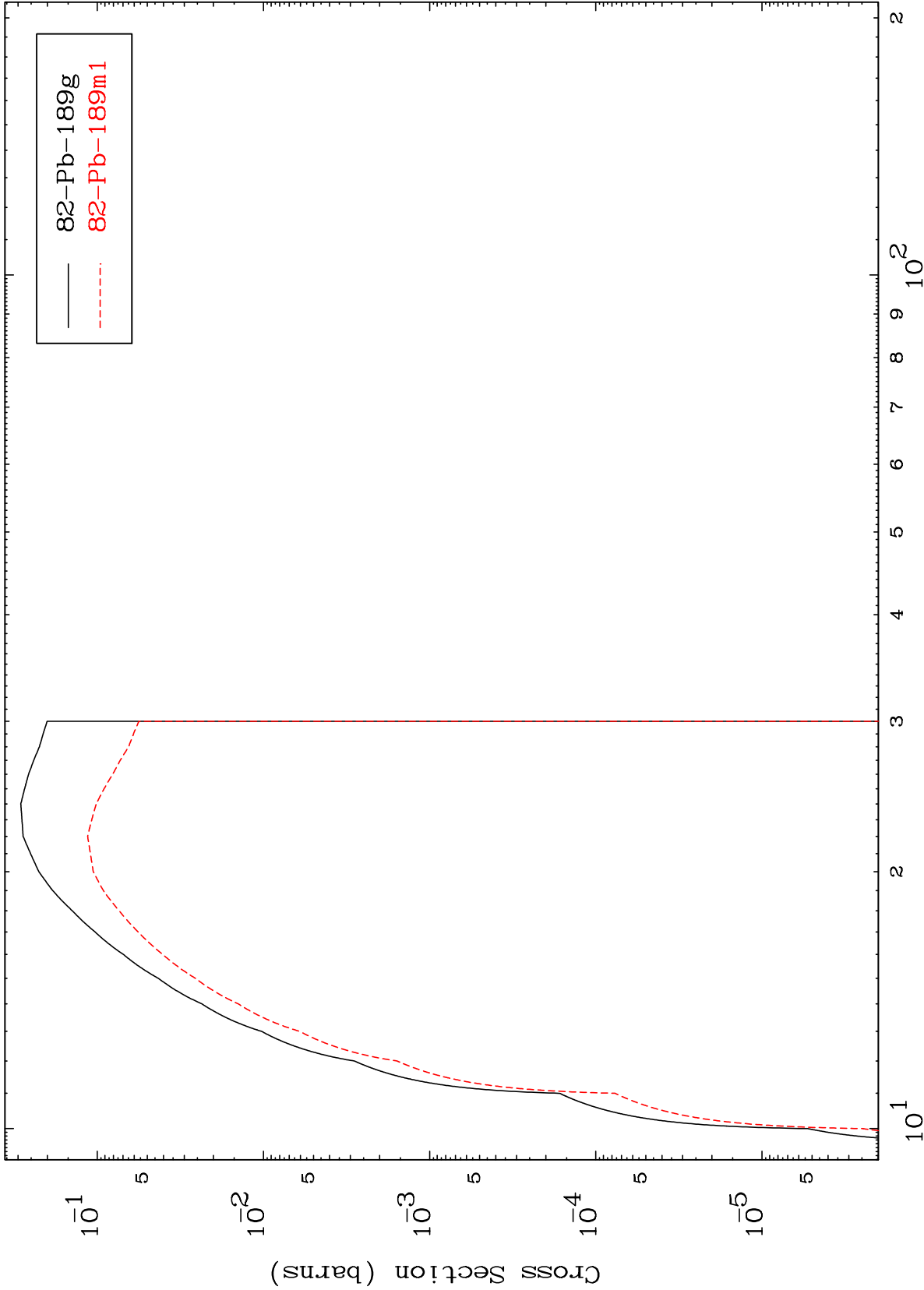
81-Tl-189

MAT 8084

(d,2n)

81-Tl-189

Radionuclide Production Cross Section



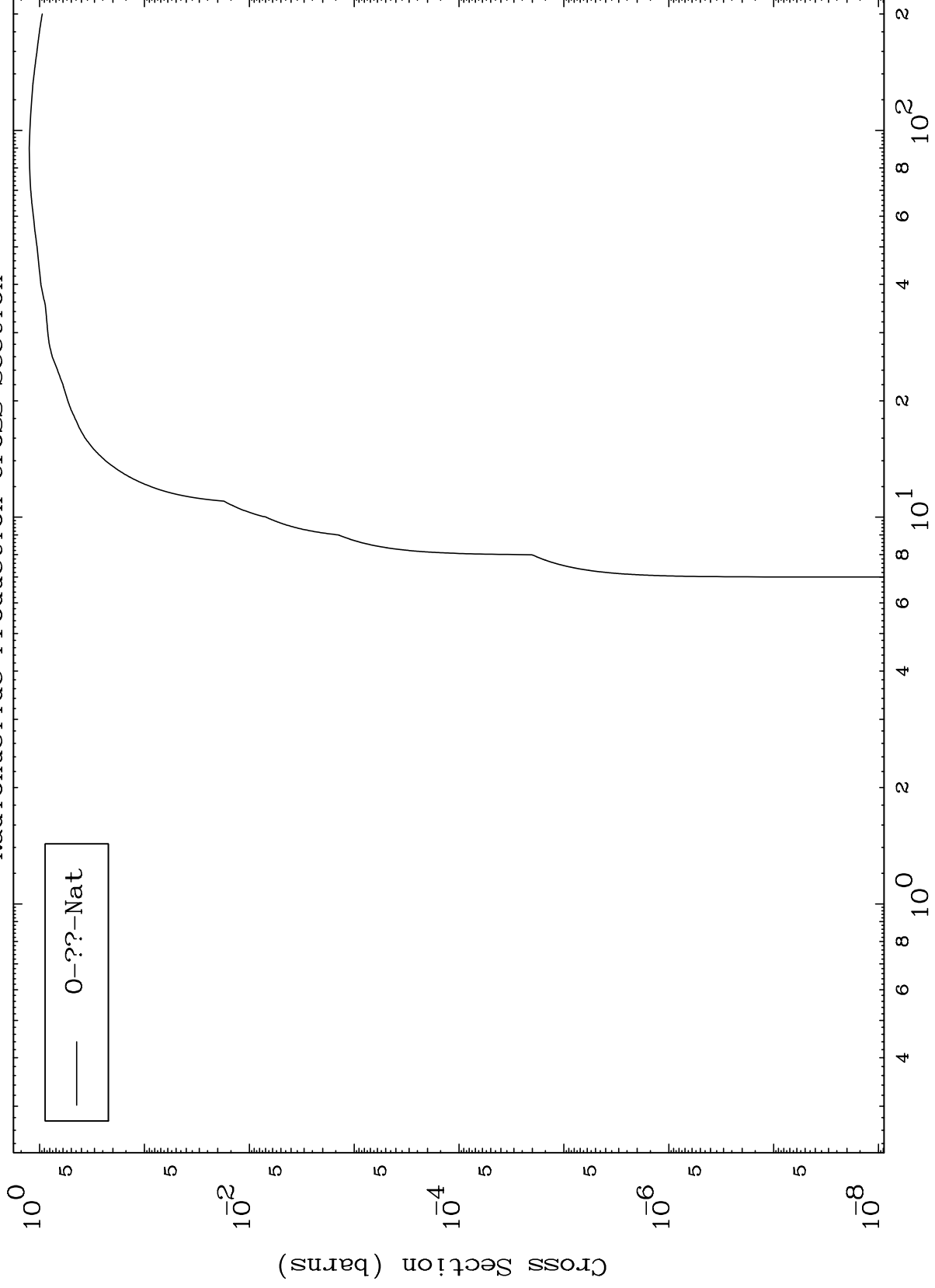
Incident Energy (MeV)

81-Tl-189

MAT 8084

Deuteron Fission
Radionuclide Production Cross Section

81-Tl-189



14

Incident Energy (MeV)

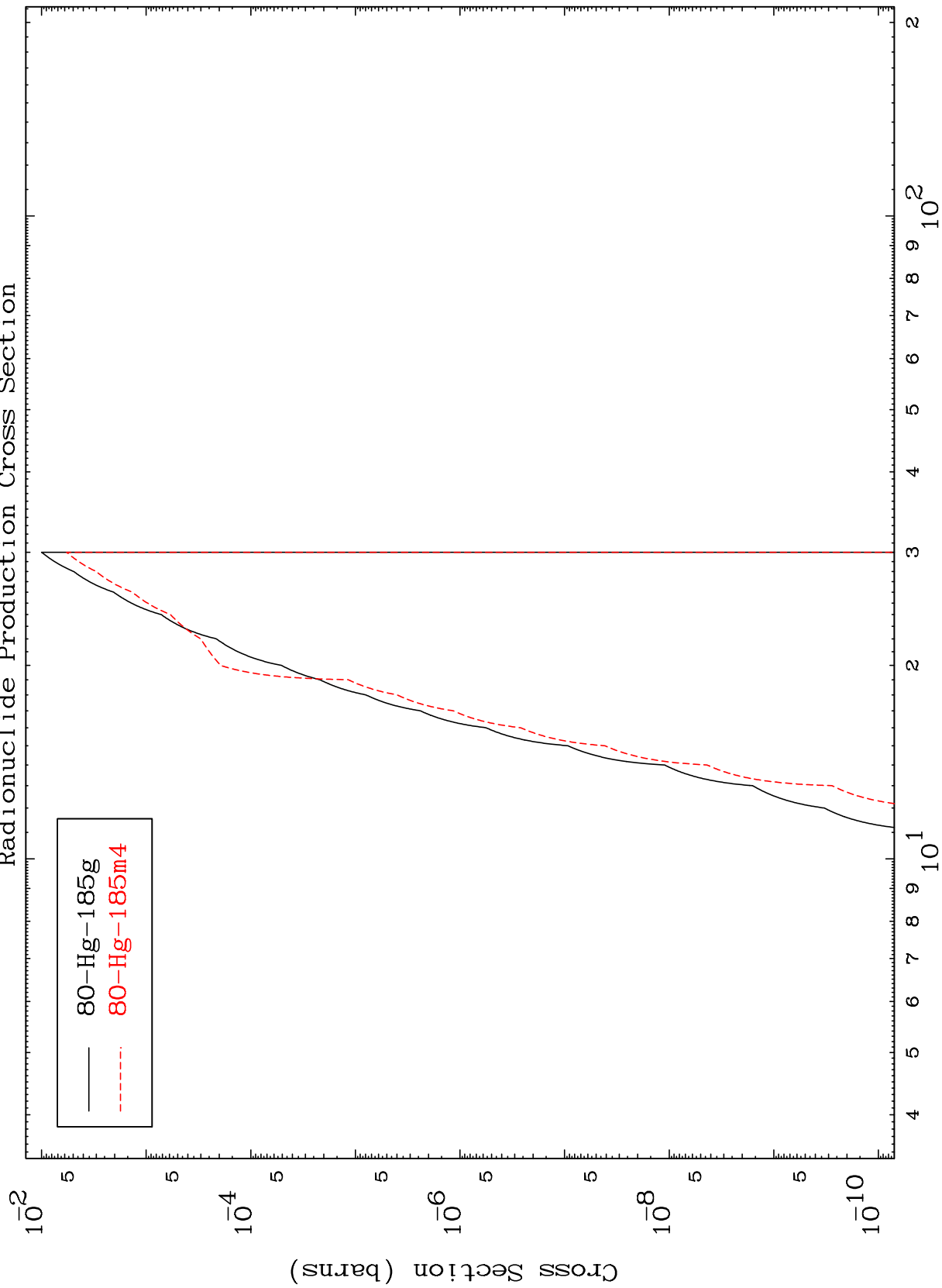
81-Tl-189

MAT 8084

(d,2n) α

81-Tl-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

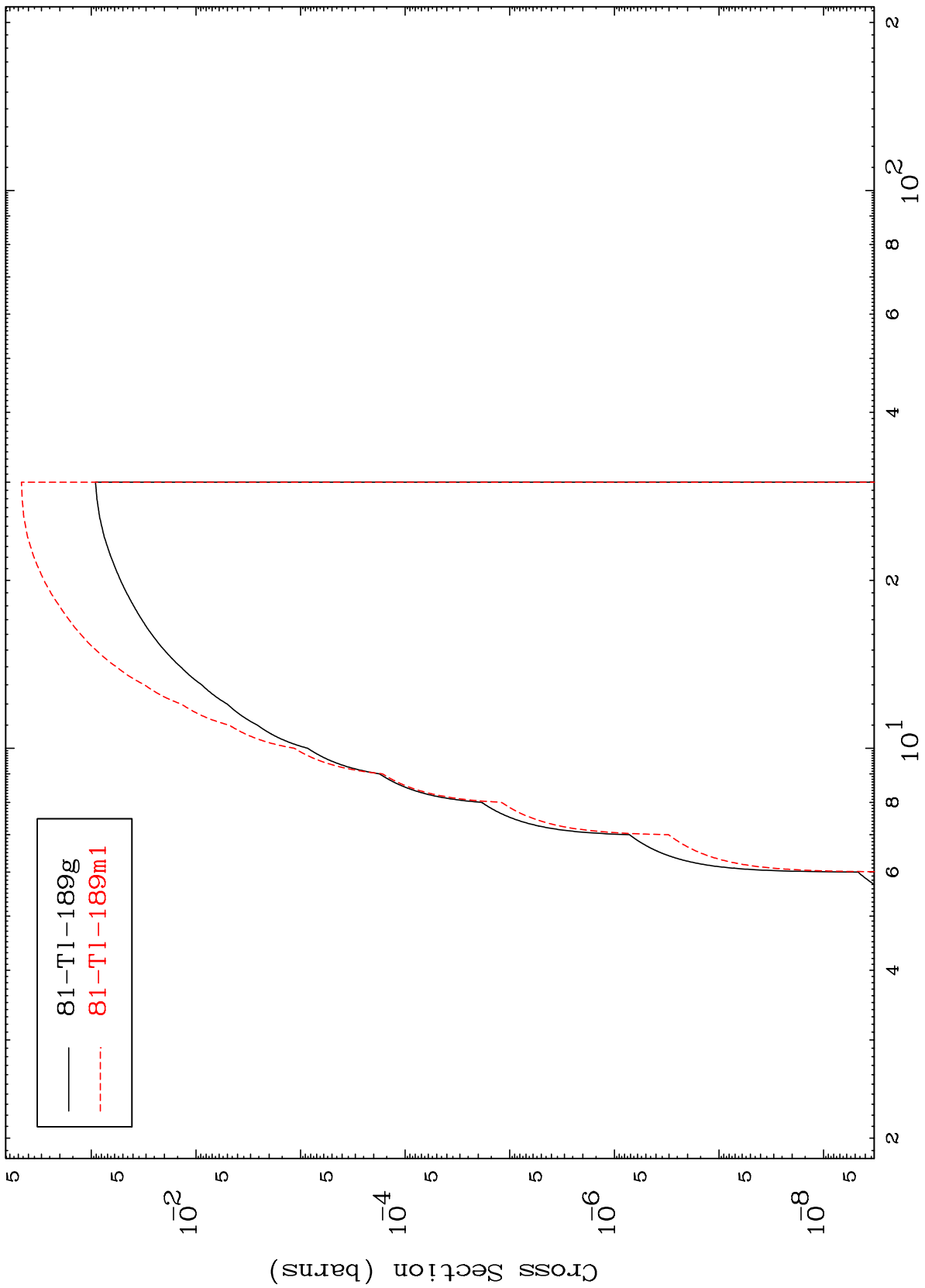
81-Tl-189

MAT 8084

(d,n') p

81-Tl-189

Radionuclide Production Cross Section



16

Incident Energy (MeV)

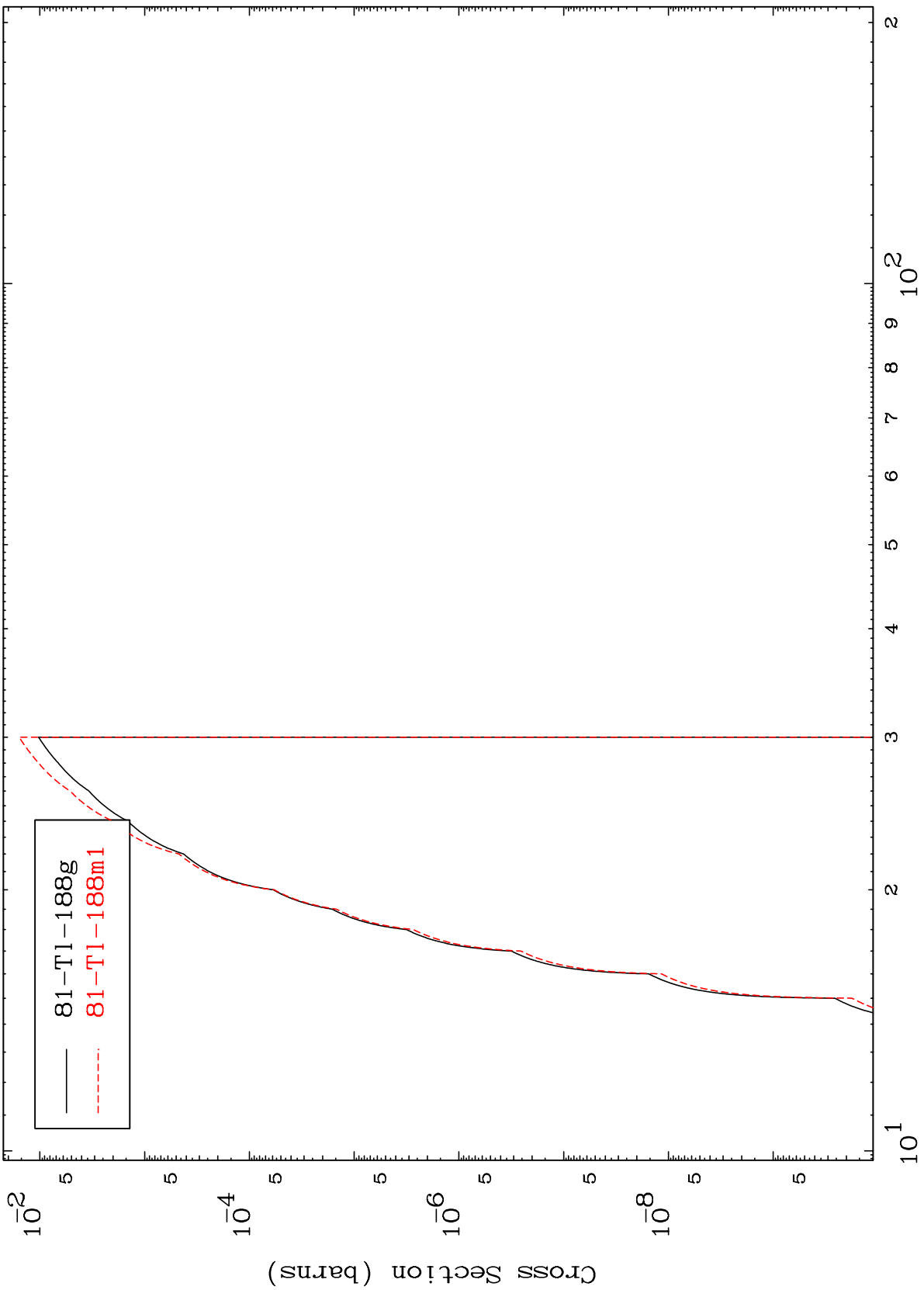
81-Tl-189

MAT 8084

(d,n') d

81-Tl-189

Radionuclide Production Cross Section

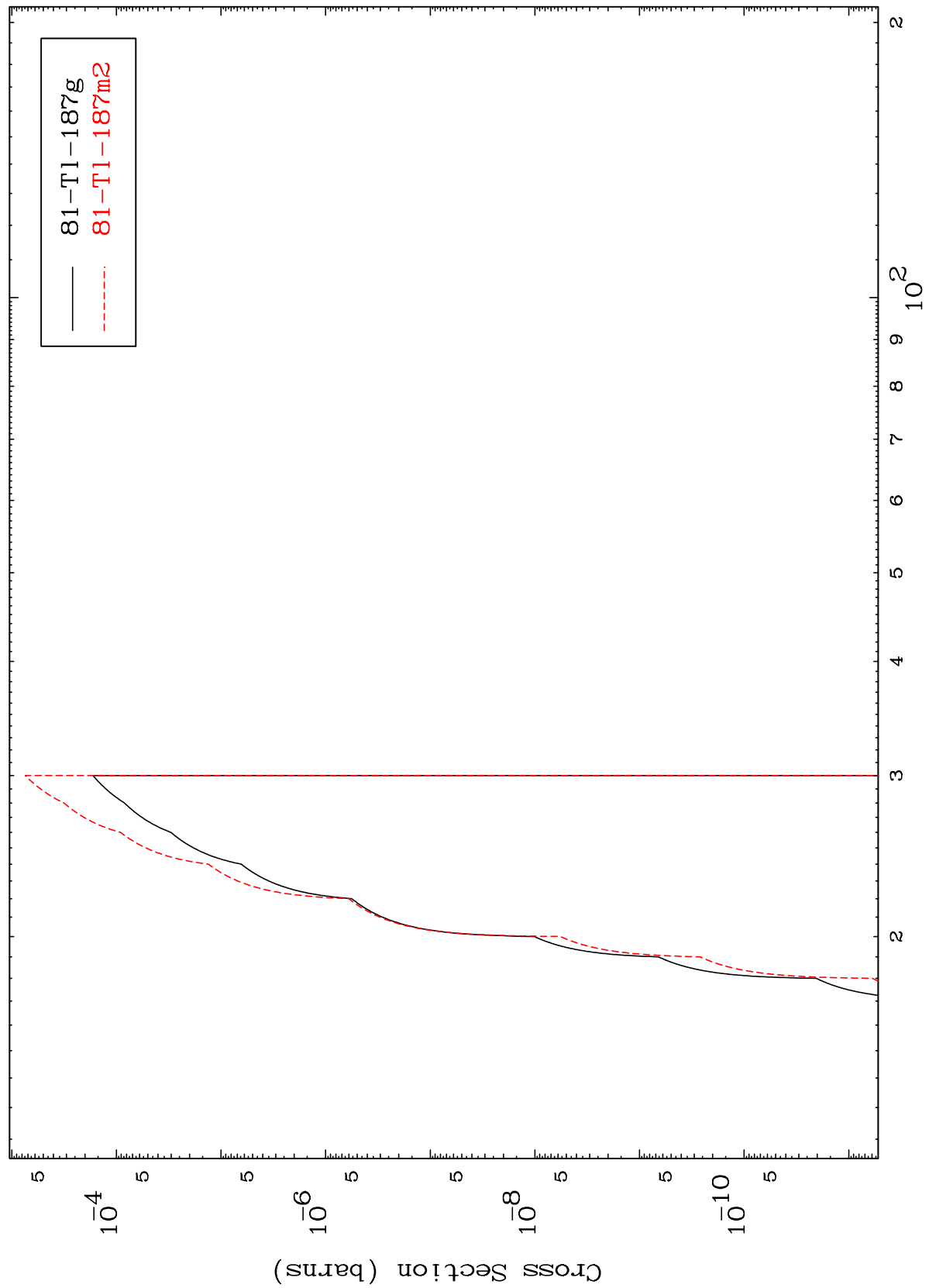


Incident Energy (MeV)

81-Tl-189

17

Radionuclide Production Cross Section



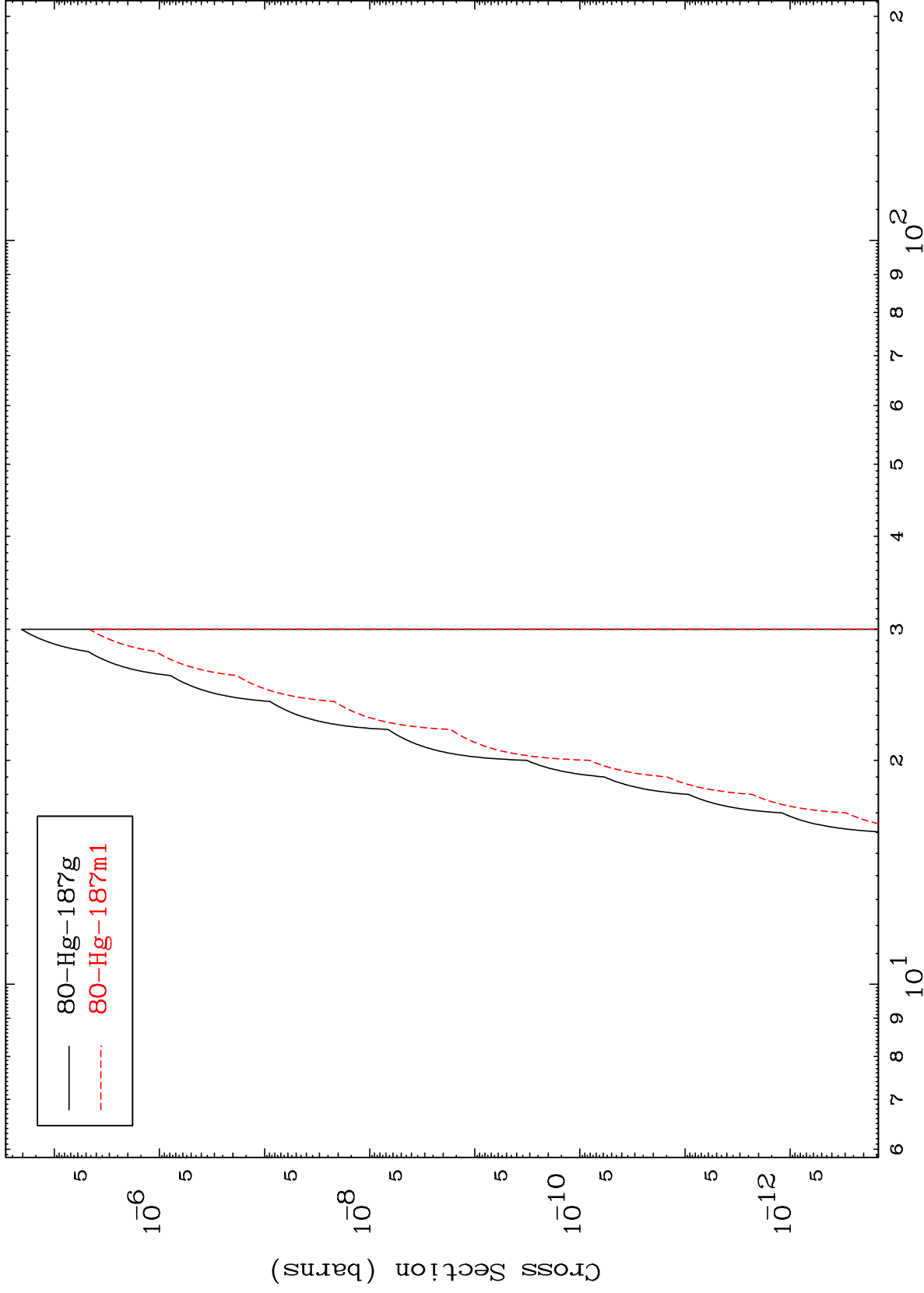
81-Tl-187g
81-Tl-187m2

MAT 8084

(d,n') He-3

81-Tl-189

Radionuclide Production Cross Section



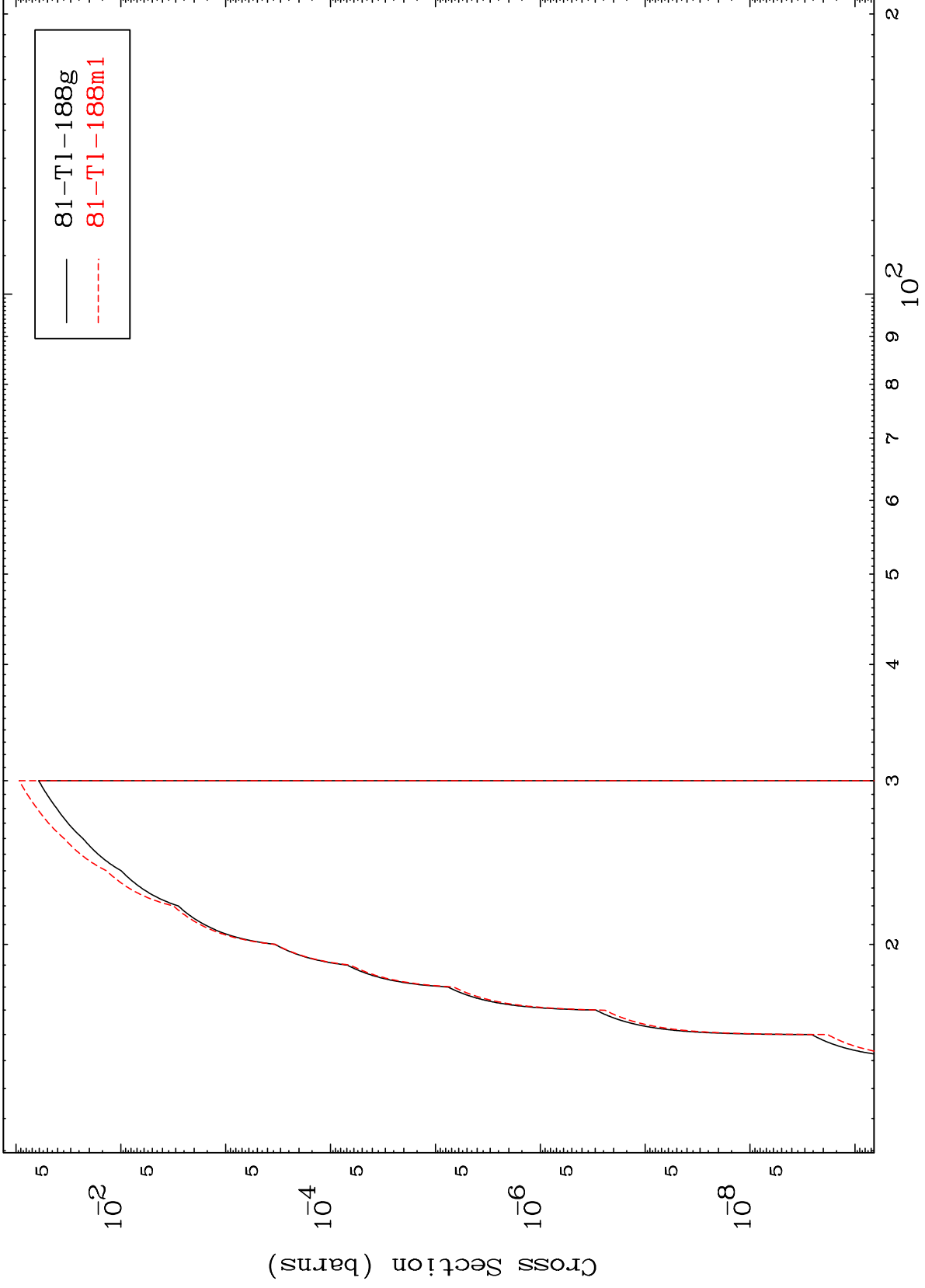
80-Hg-187g
80-Hg-187m1

19

Incident Energy (MeV)

81-Tl-189

Radionuclide Production Cross Section

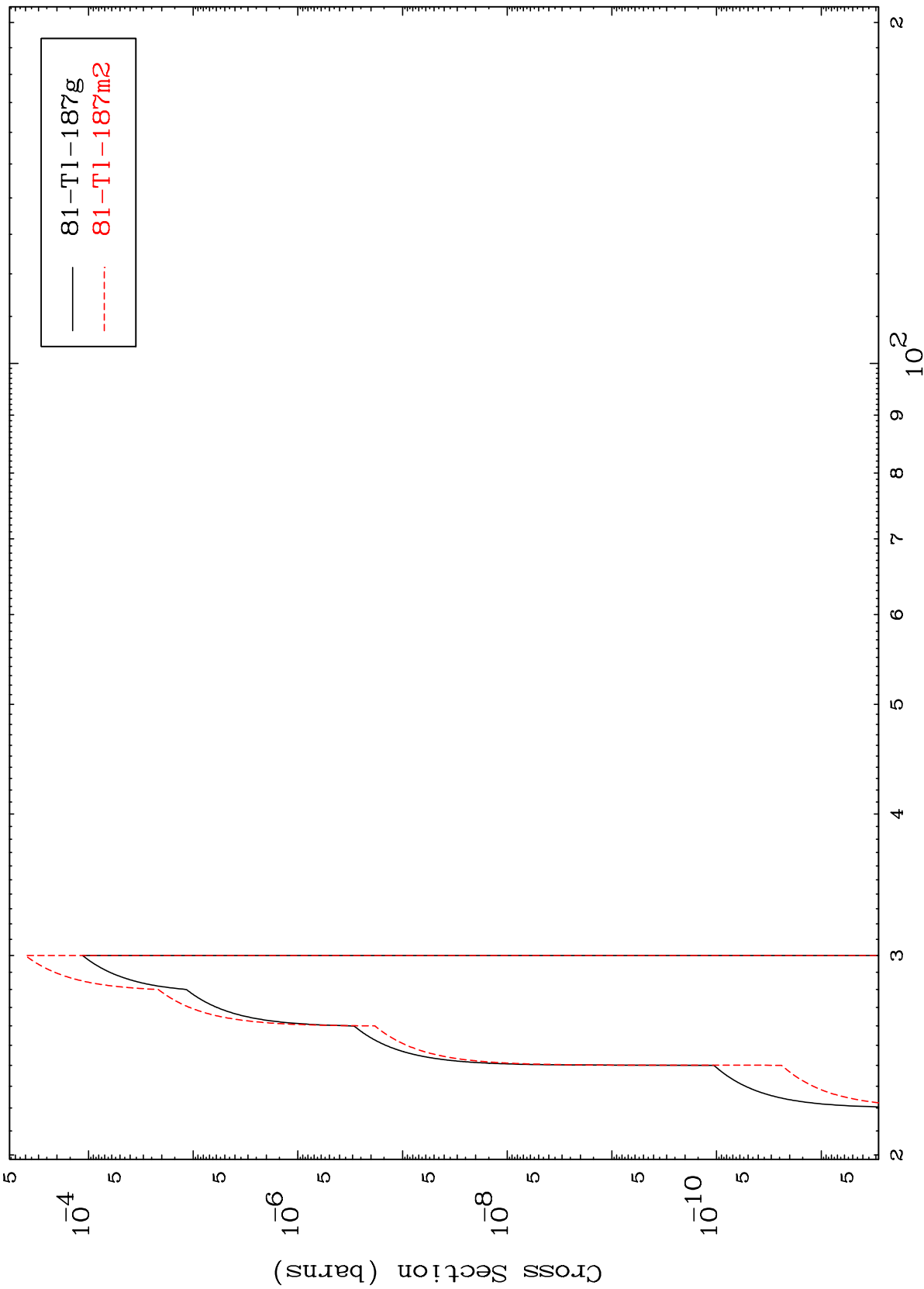


MAT 8084

(d,3n) p

81-Tl-189

Radionuclide Production Cross Section



21

Incident Energy (MeV)

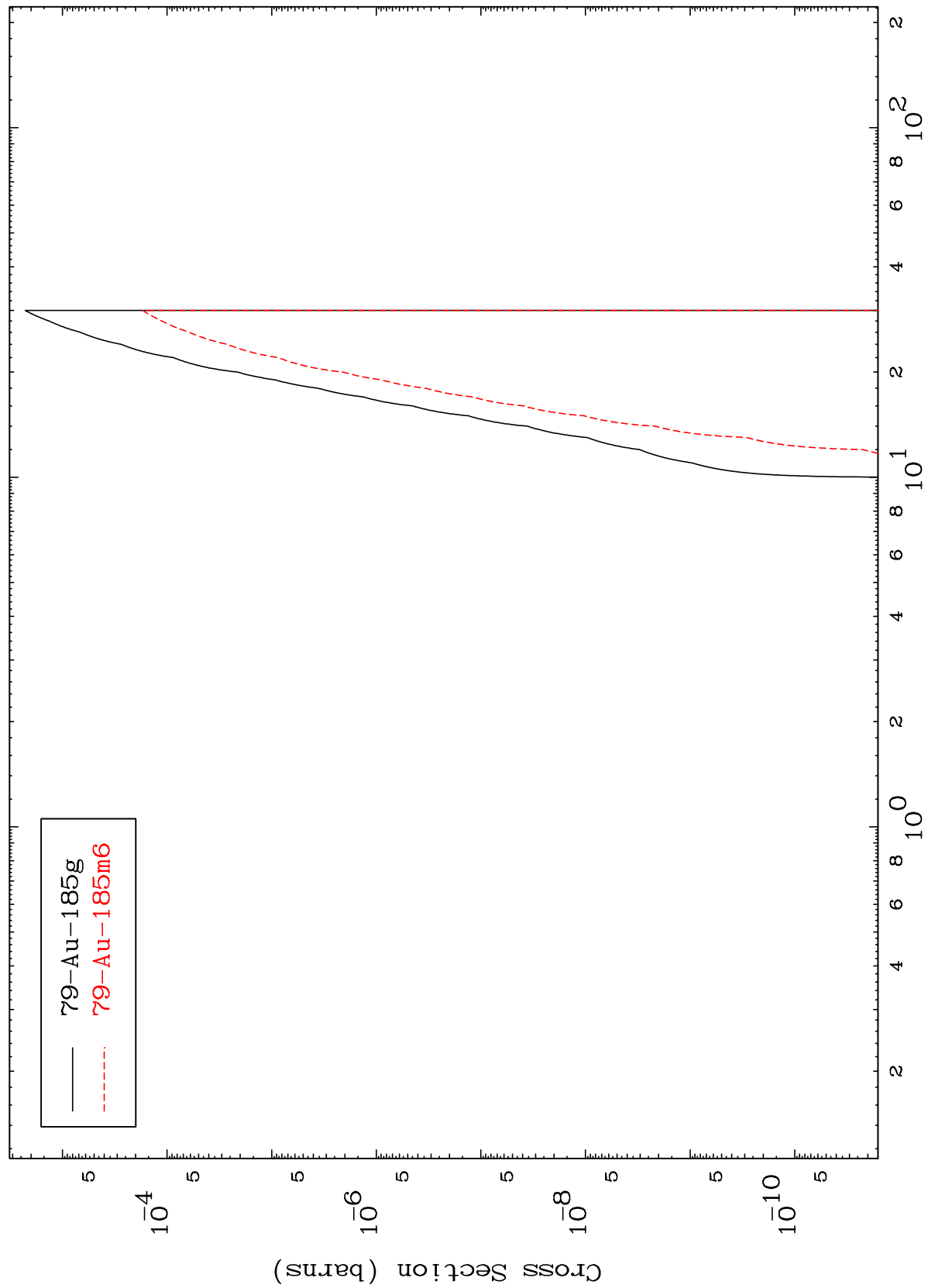
81-Tl-189

MAT 8084

(d,n') p α

81-Tl-189

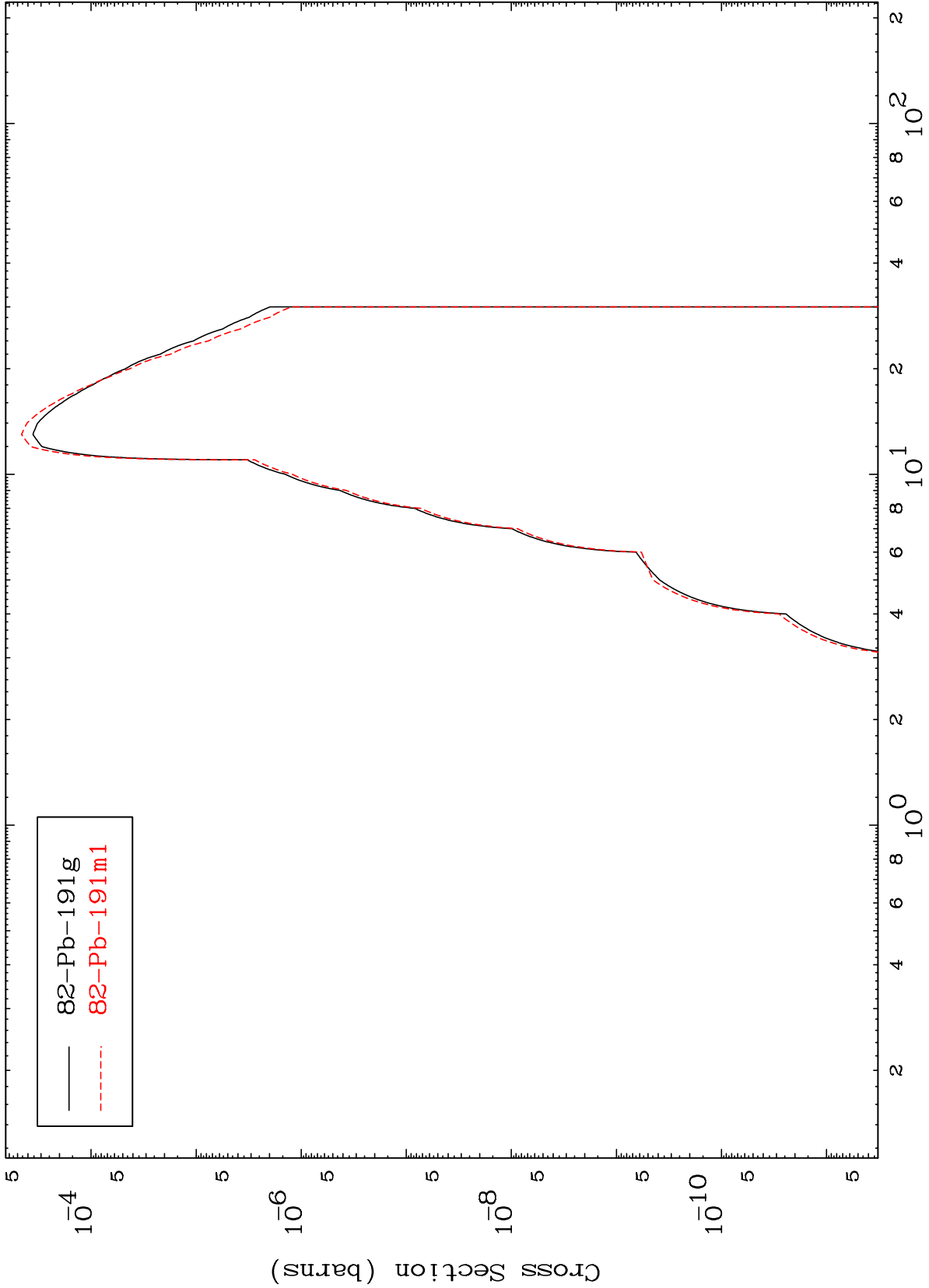
Radionuclide Production Cross Section



MAT 8084

81-Tl-189

(d, γ)
Radionuclide Production Cross Section

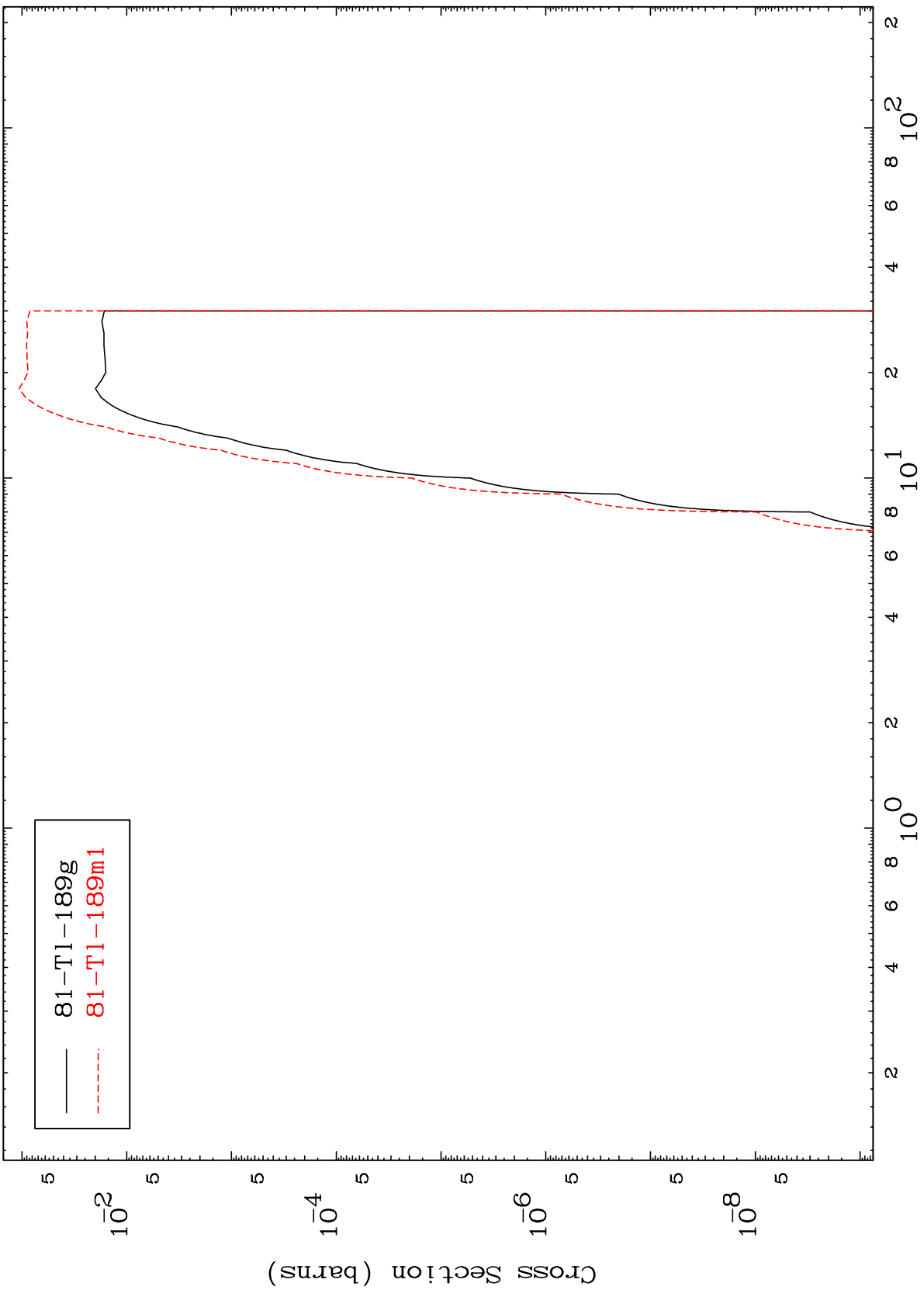


MAT 8084

(d,d)

81-Tl-189

Radionuclide Production Cross Section

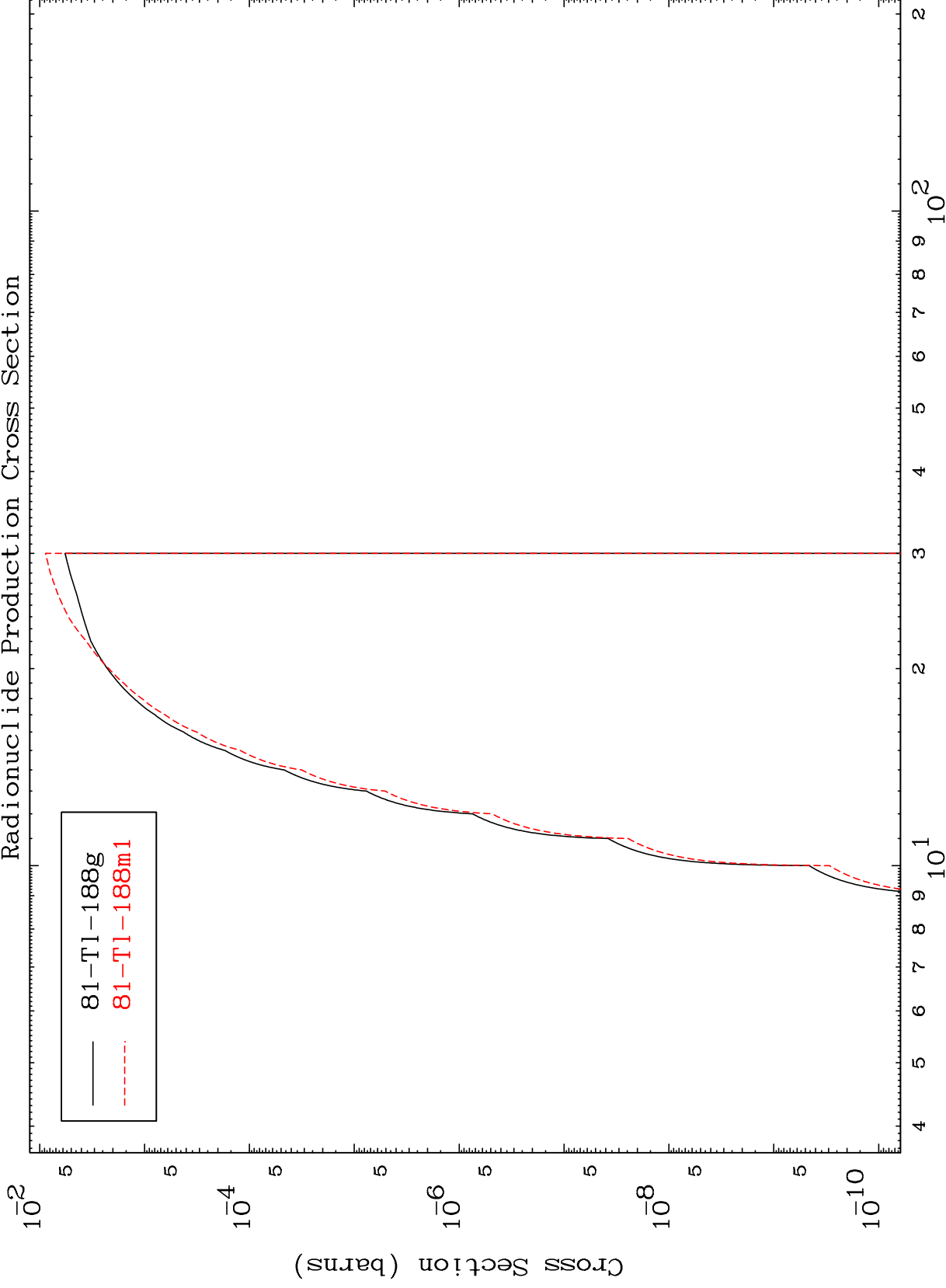


81-Tl-189g
81-Tl-189m1

MAT 8084

81-Tl-189

(d, t)
Radionuclide Production Cross Section



25

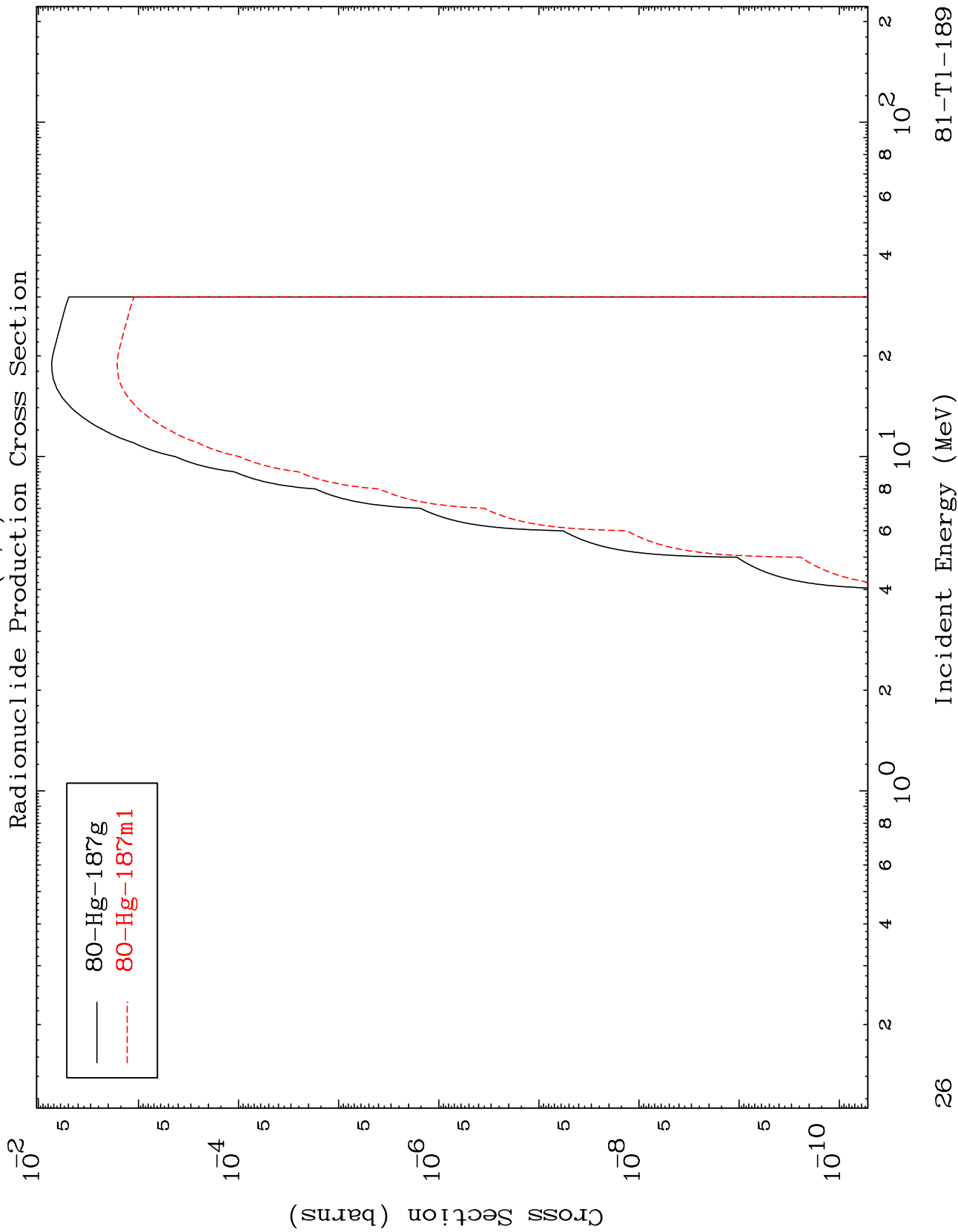
Incident Energy (MeV)

81-Tl-189

MAT 8084

(d, α)

81-Tl-189

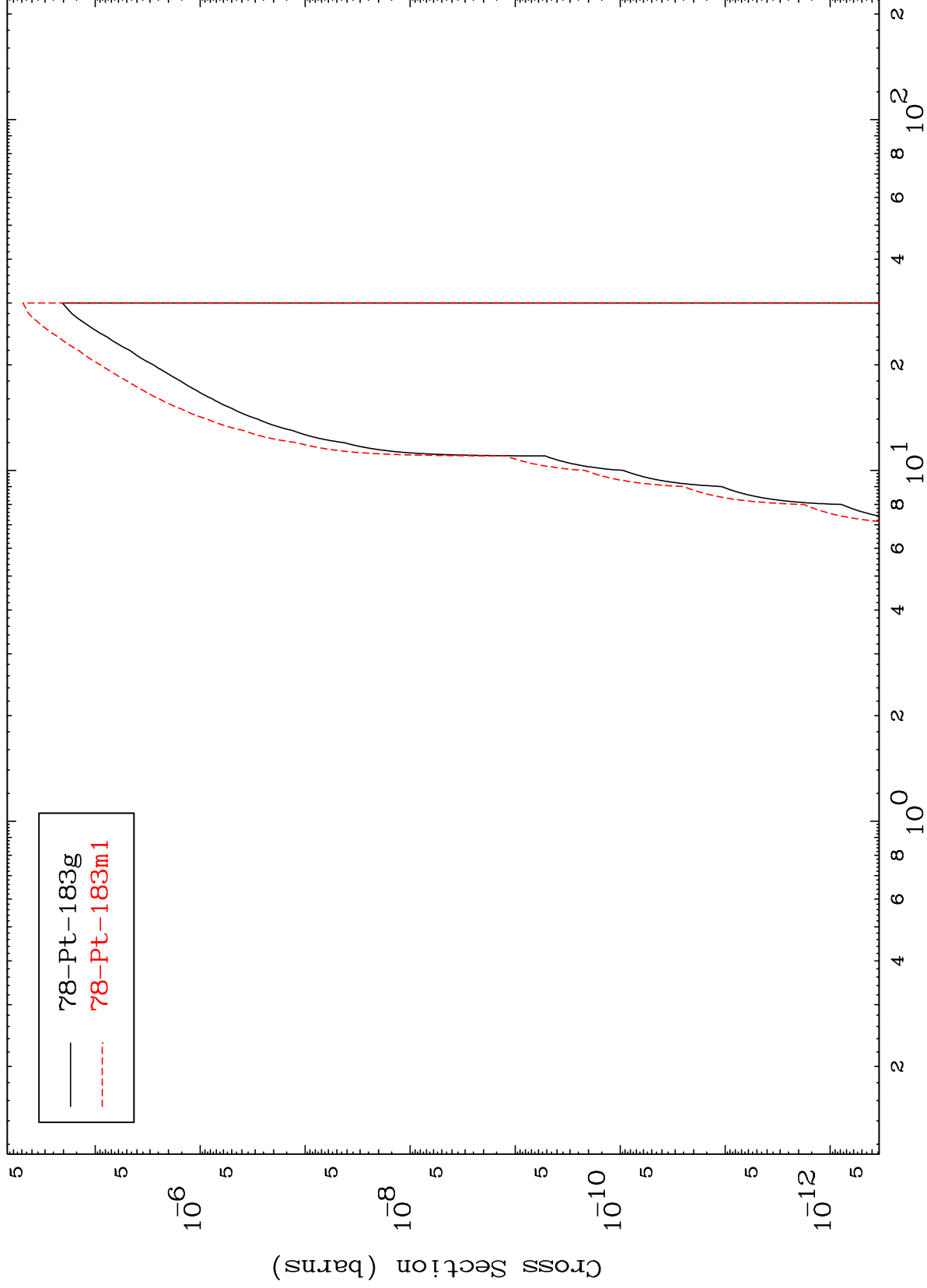


MAT 8084

(d,2 α)

81-Tl-189

Radionuclide Production Cross Section



27

Incident Energy (MeV)

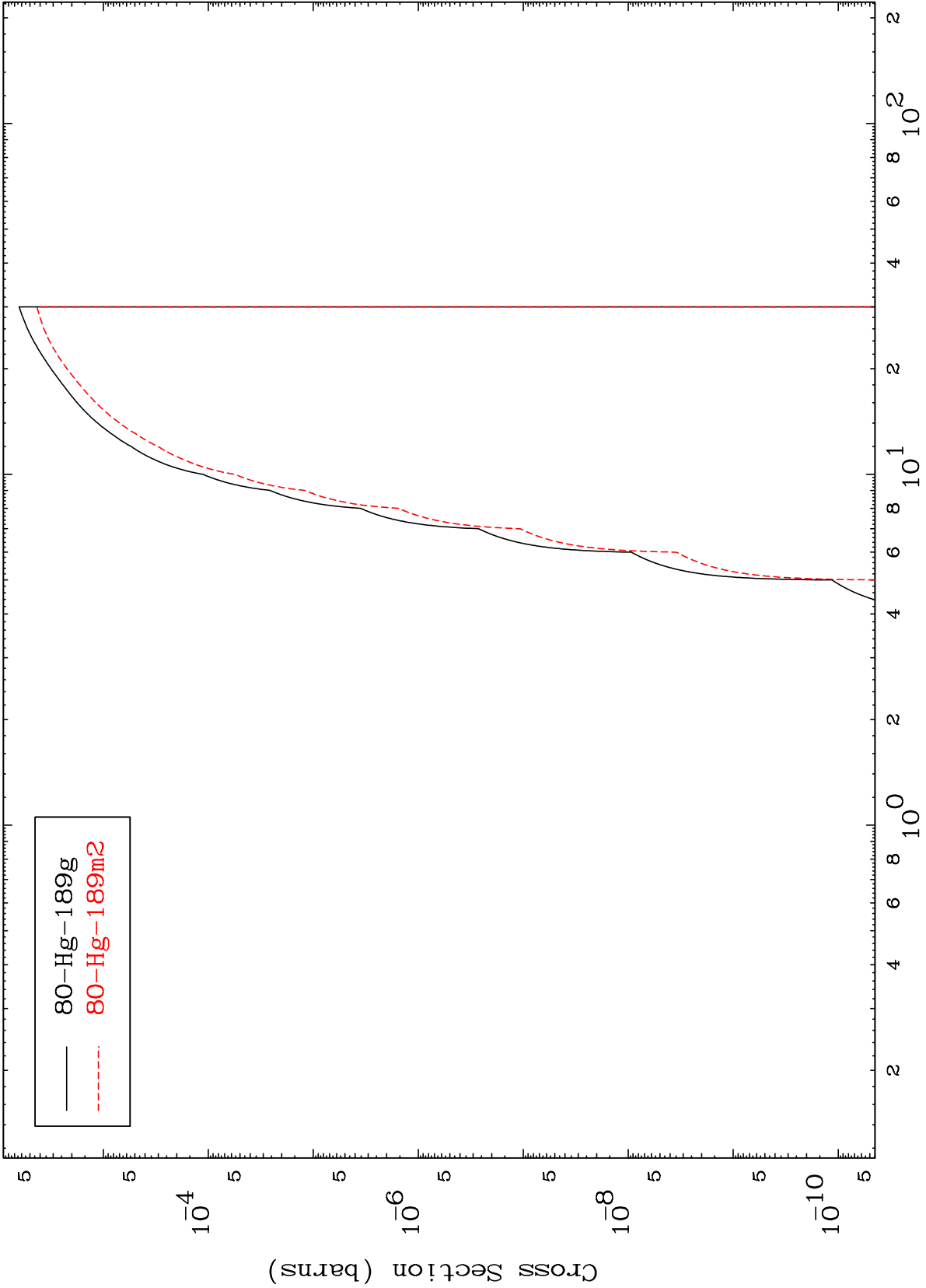
81-Tl-189

MAT 8084

81-Tl-189

(d,2p)

Radionuclide Production Cross Section



28

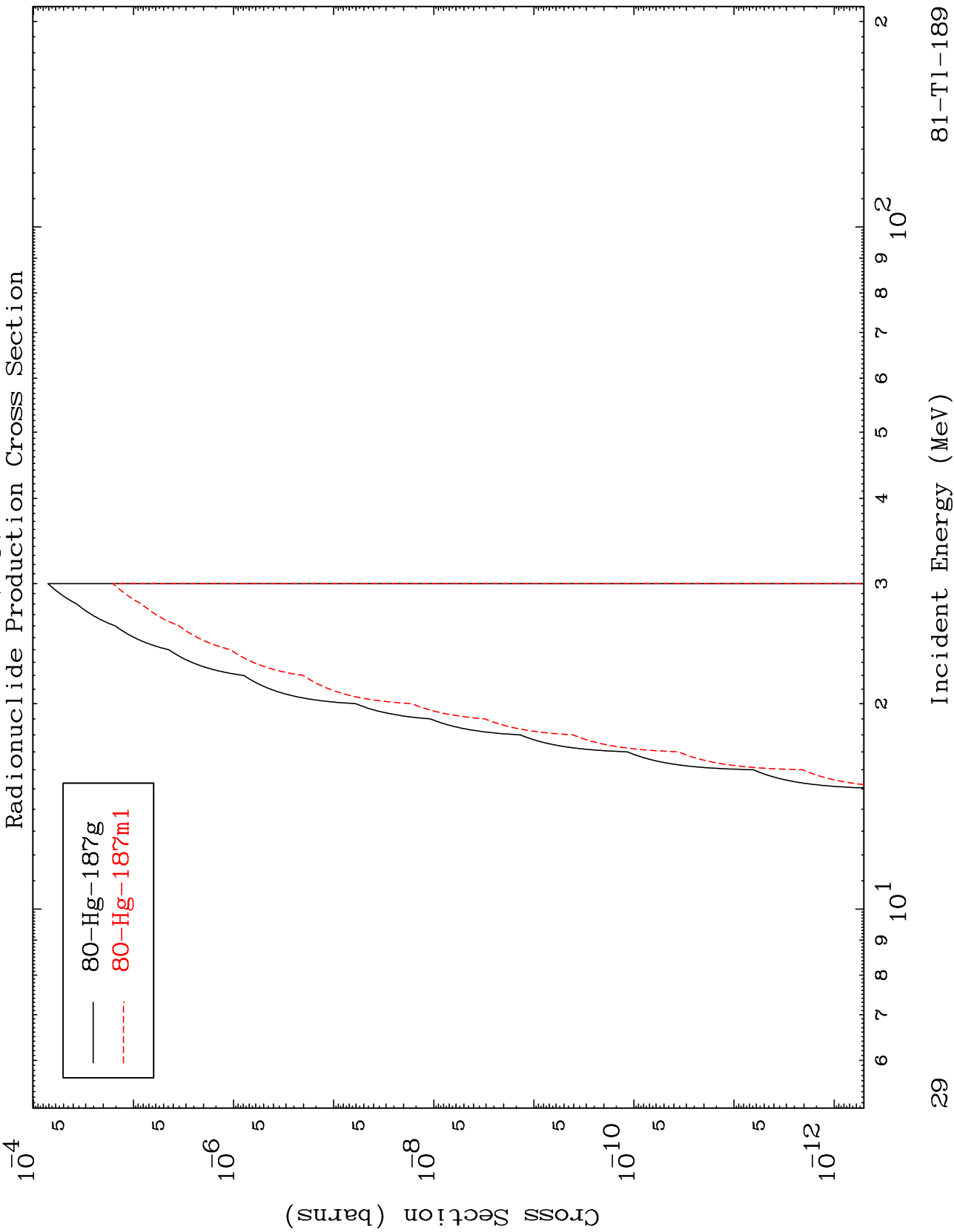
81-Tl-189

Incident Energy (MeV)

MAT 8084

(d,p) t

81-Tl-189

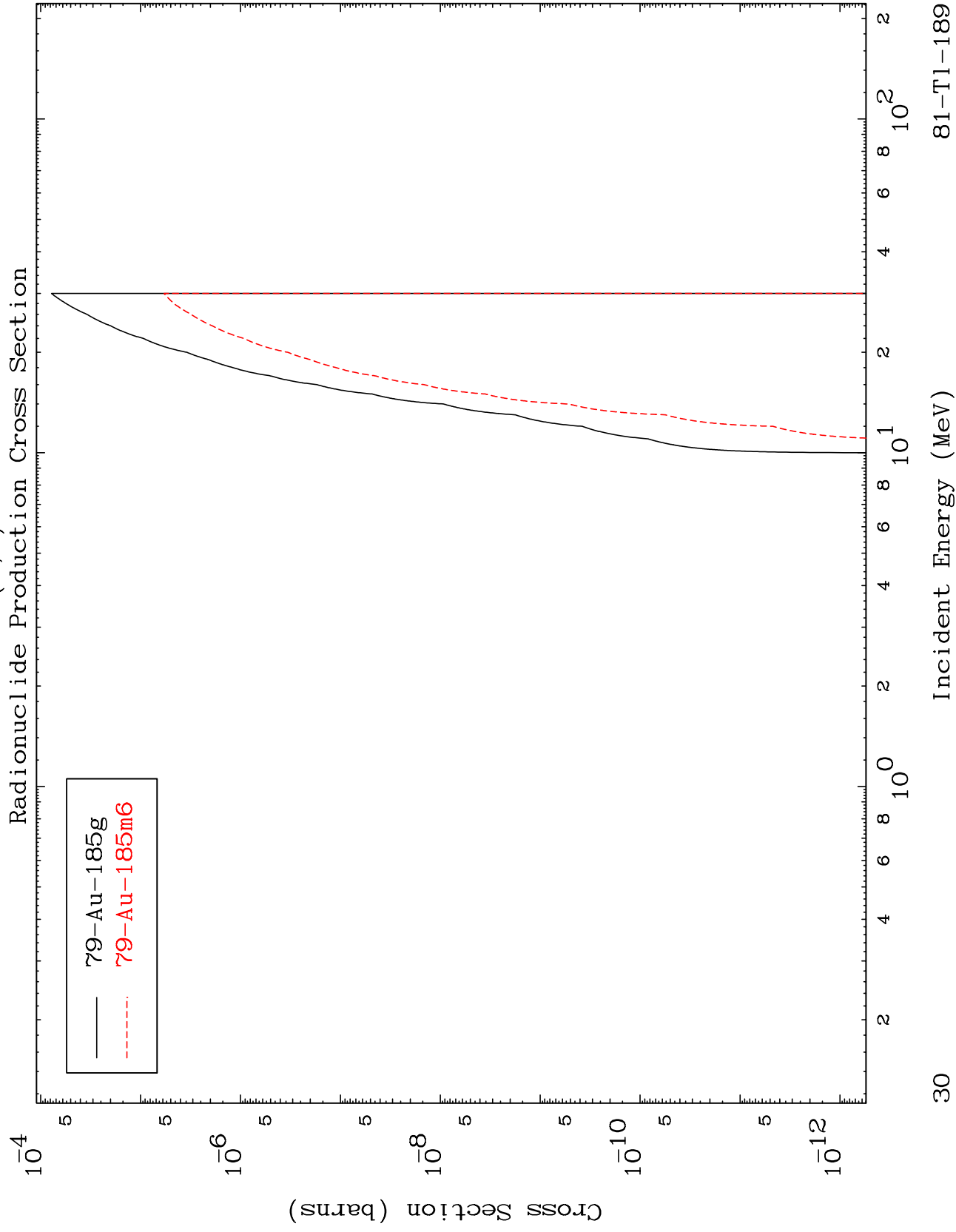


29

MAT 8084

(d,d) α

81-Tl-189



30