

Program EVALPLOT
(Version 2018-1)

by

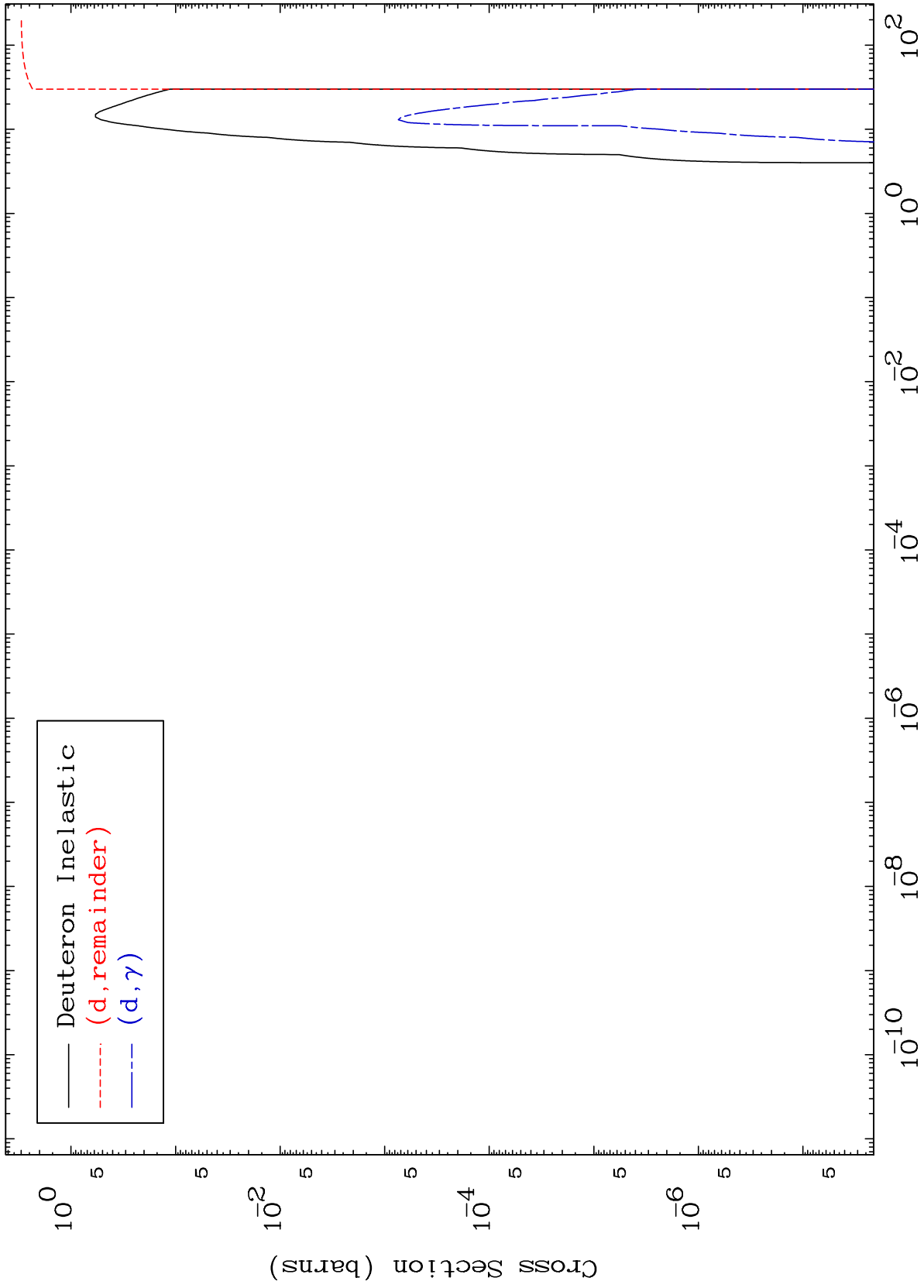
Dermott E. Cullen
(Present Contact Information)

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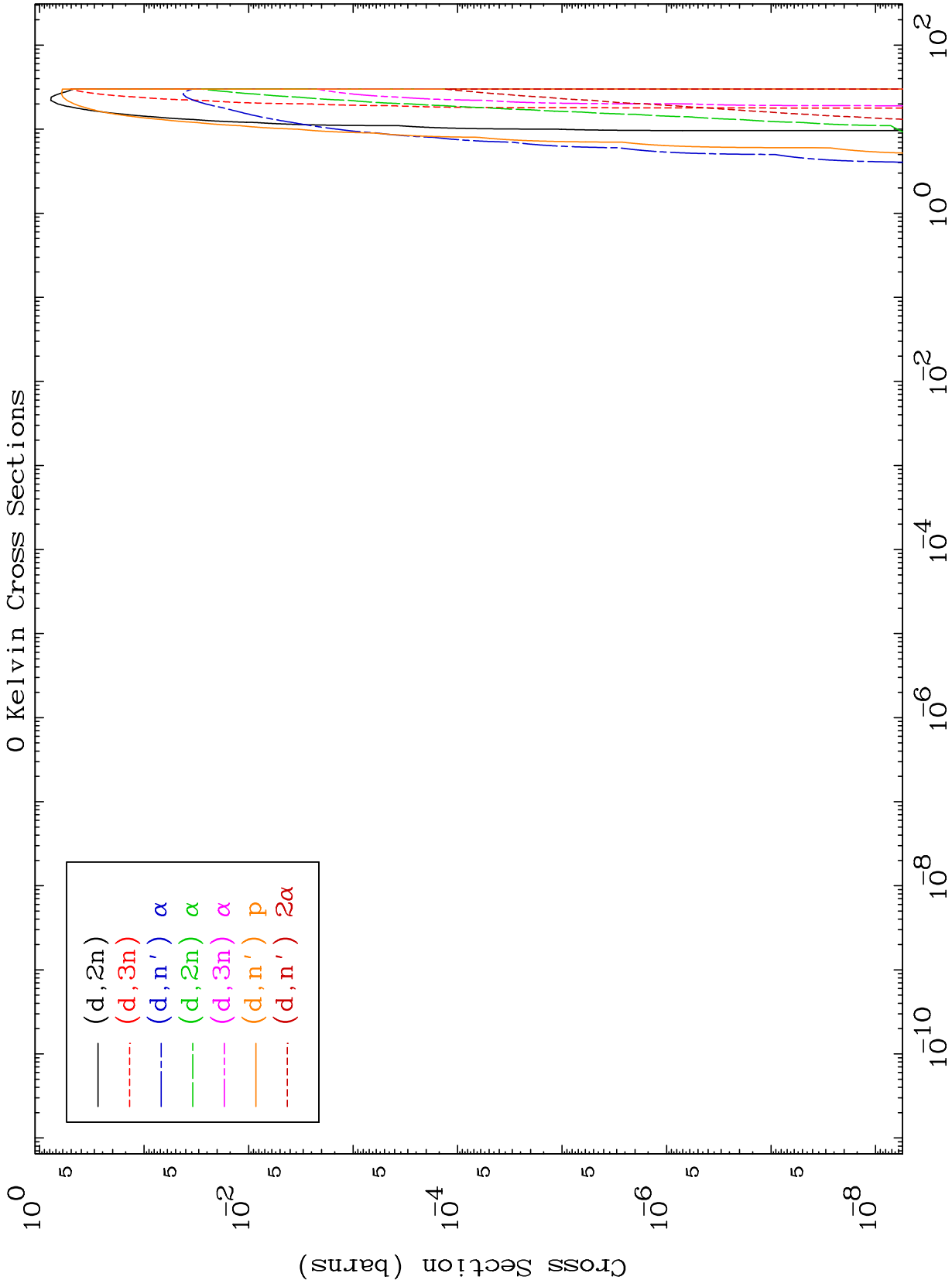
Press Mouse Button to Start



MAT 8084

Deuteron Neutron Production
0 Kelvin Cross Sections

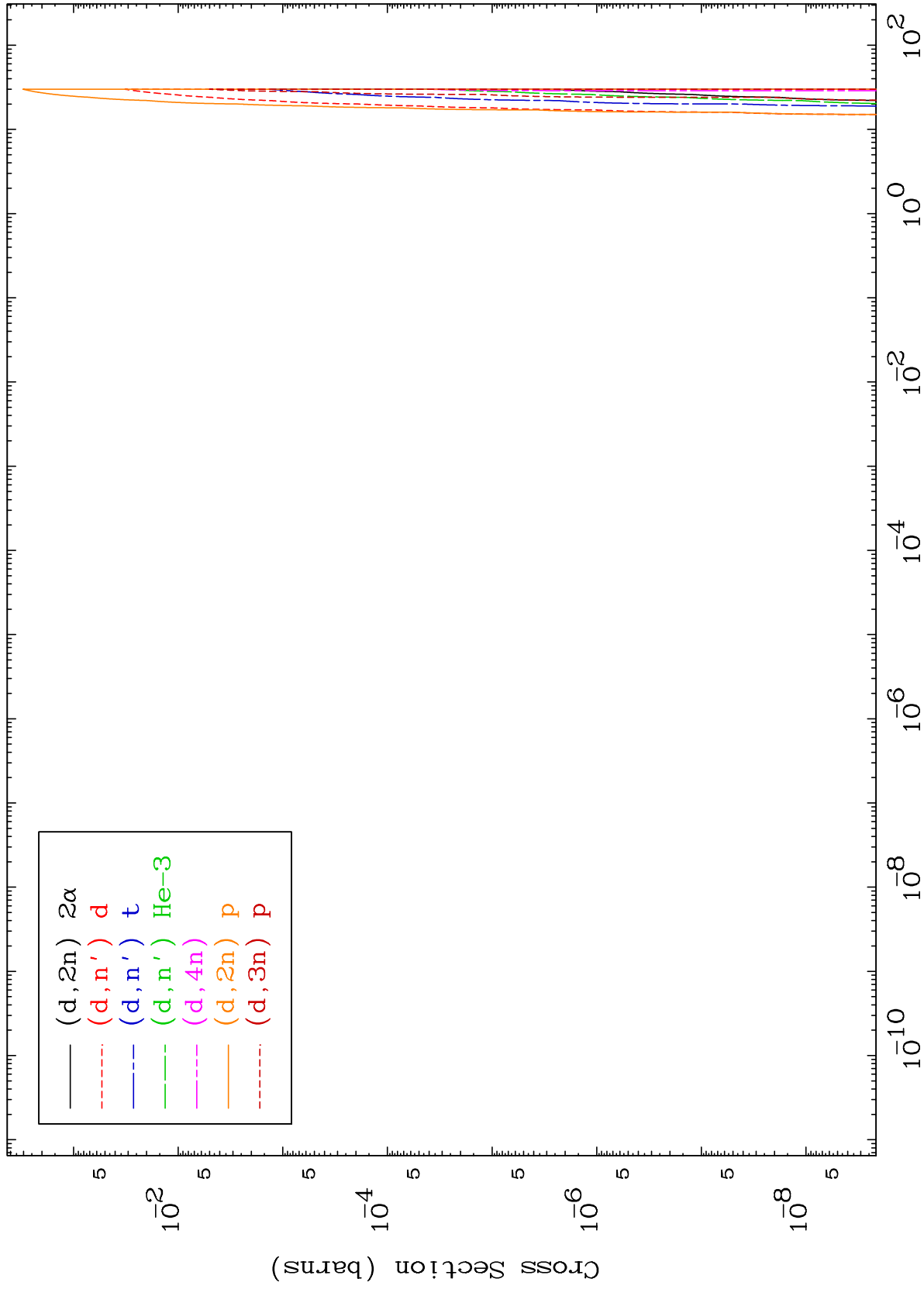
81-Tl-189



2

Incident Energy (MeV)

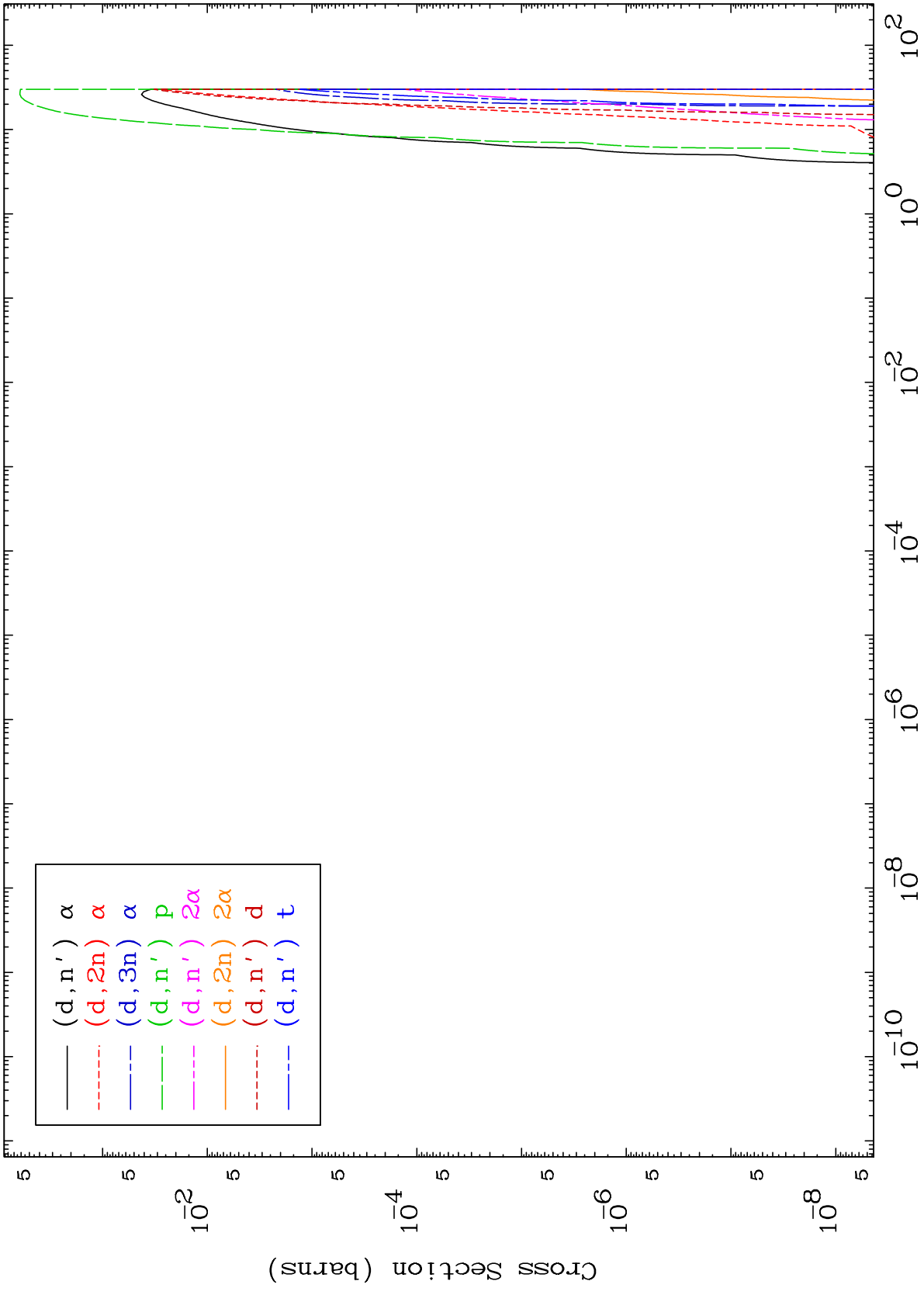
81-Tl-189



MAT 8084

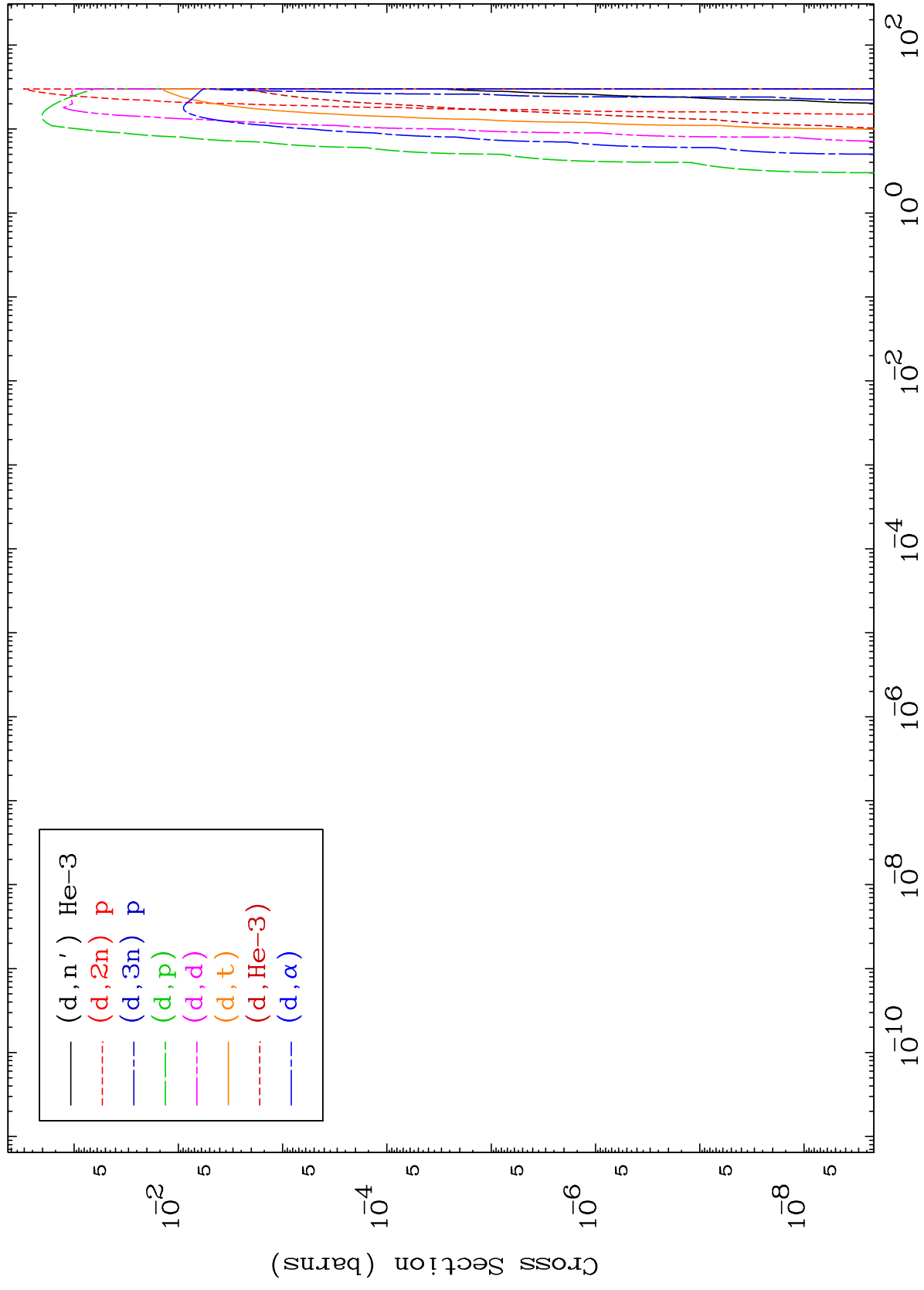
Deuteron Charged Particle
0 Kelvin Cross Sections

81-Tl-189



81-Tl-189

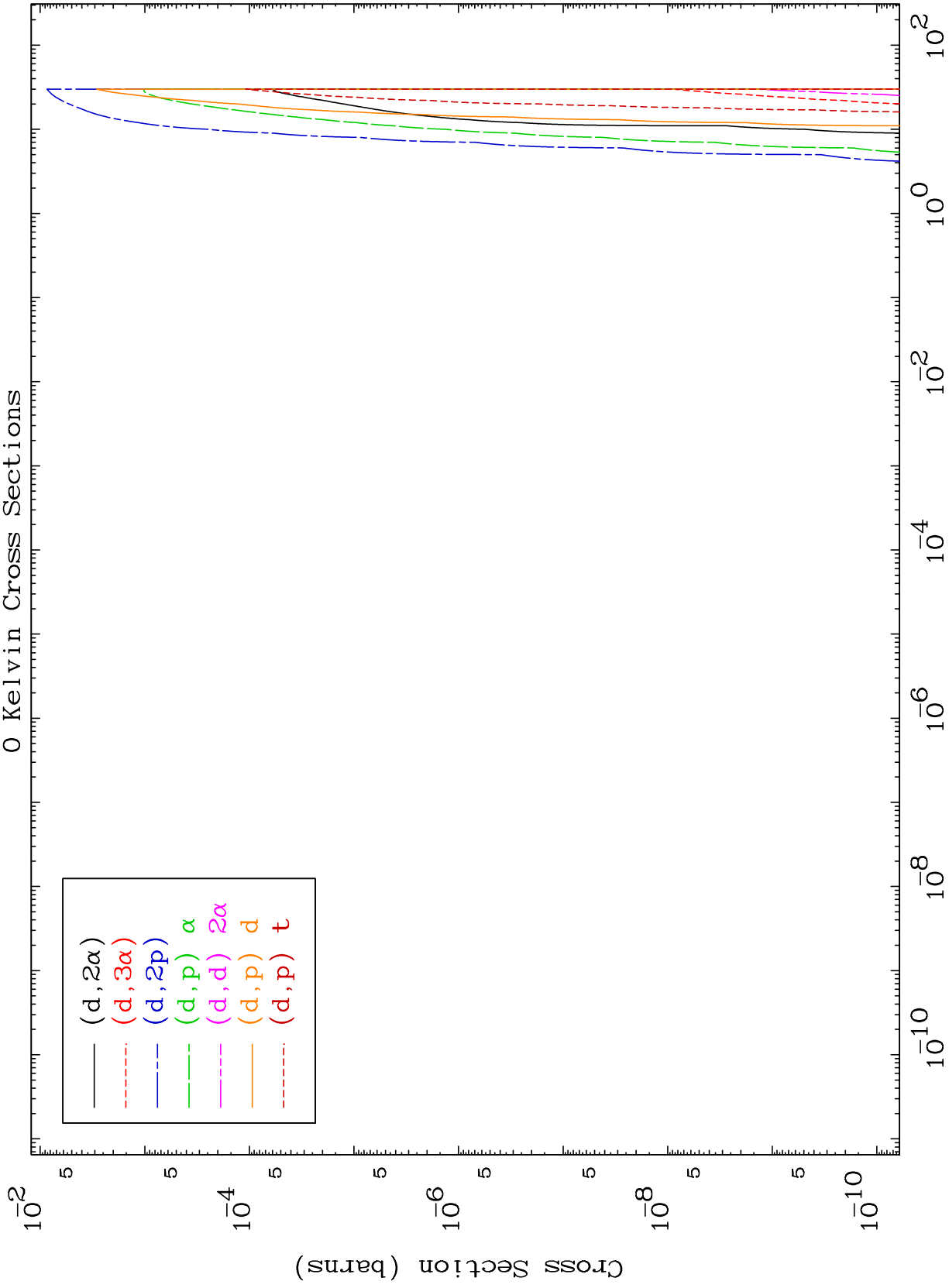
Incident Energy (MeV)



MAT 8084

Deuteron Charged Particle
0 Kelvin Cross Sections

81-T1-189



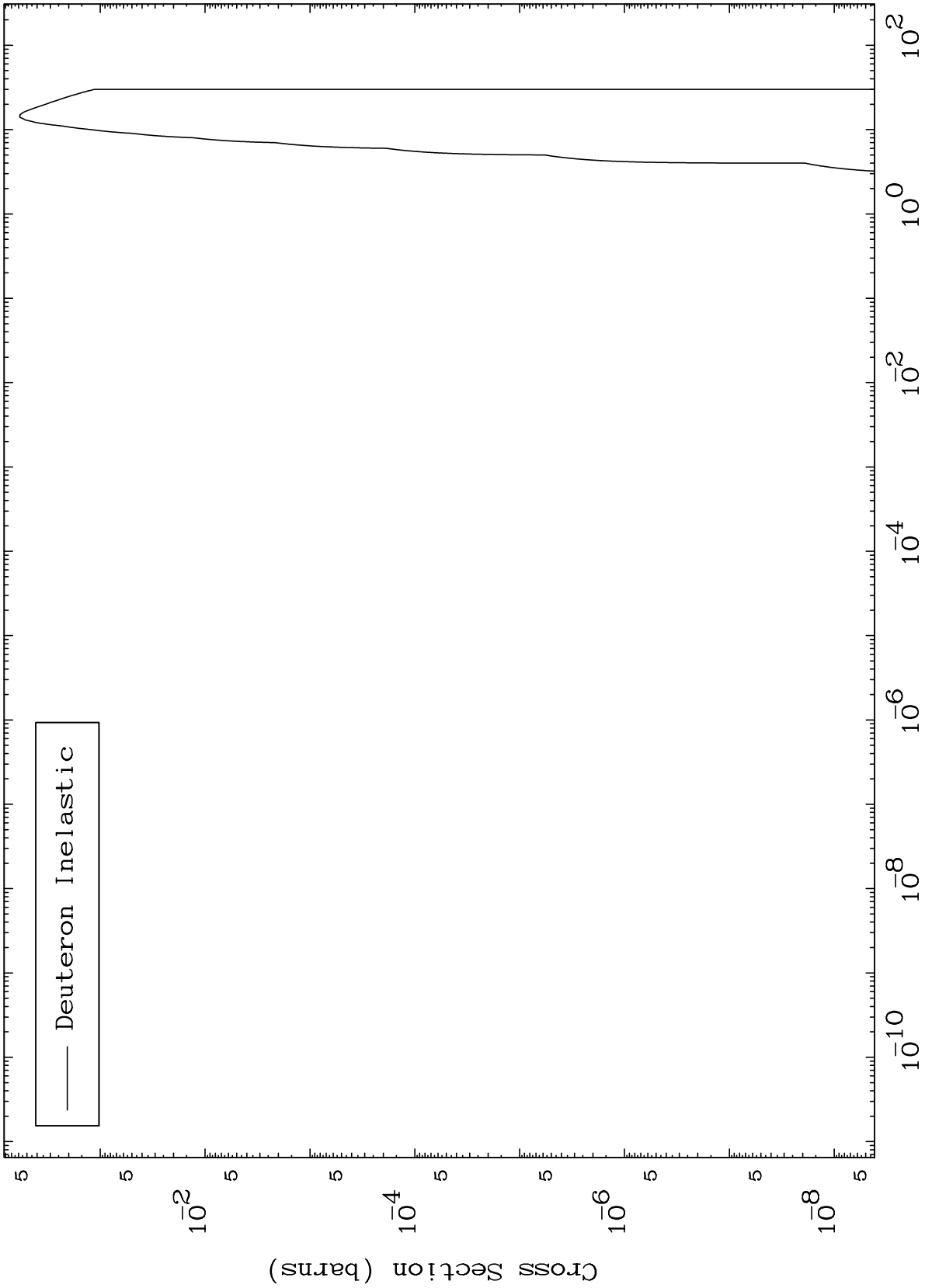
6

81-T1-189

MAT 8084

(d,n') Level
0 Kelvin Cross Sections

81-Tl-189

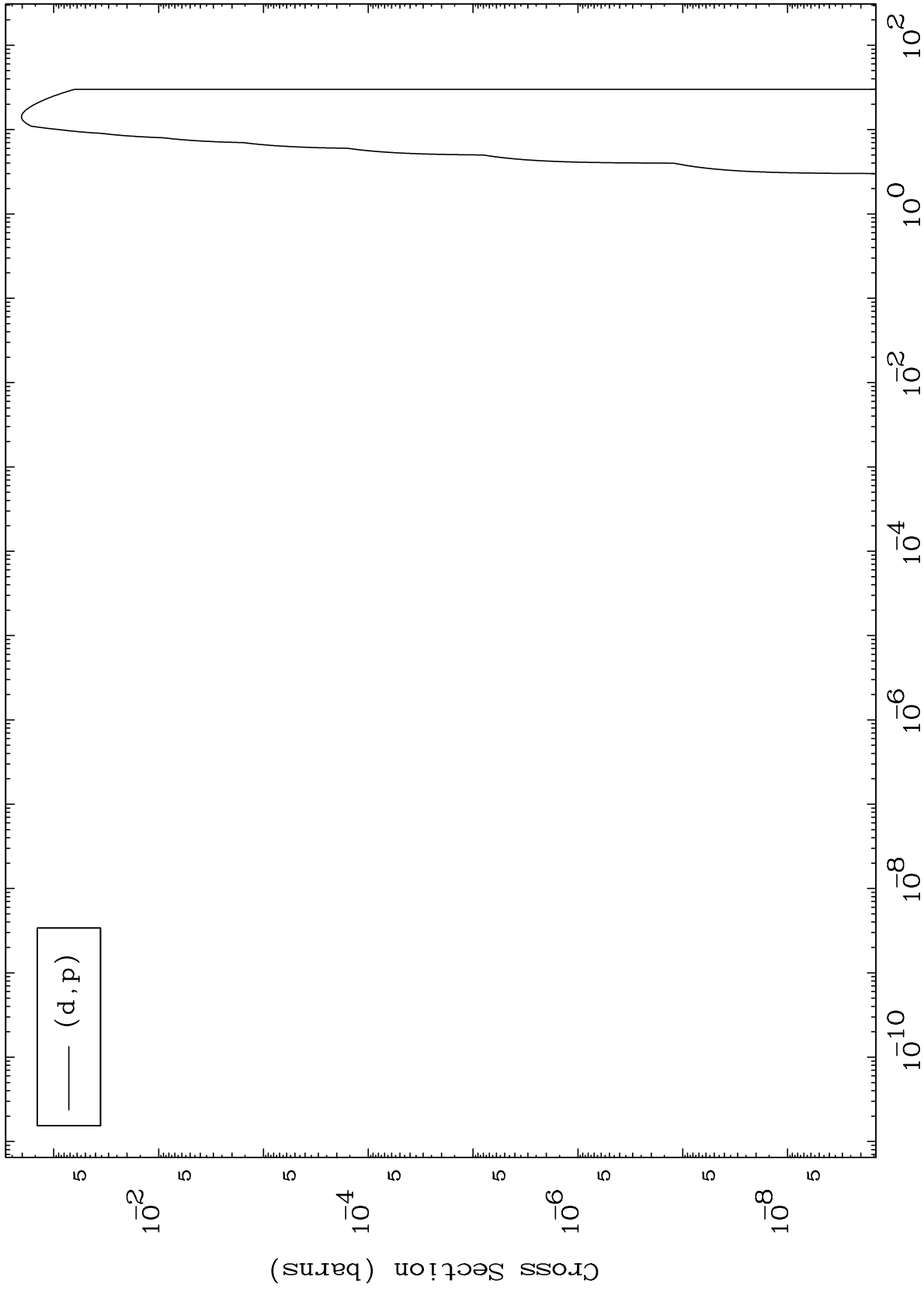


81-Tl-189

MAT 8084

(d,p) Levels
0 Kelvin Cross Sections

81-Tl-189



8

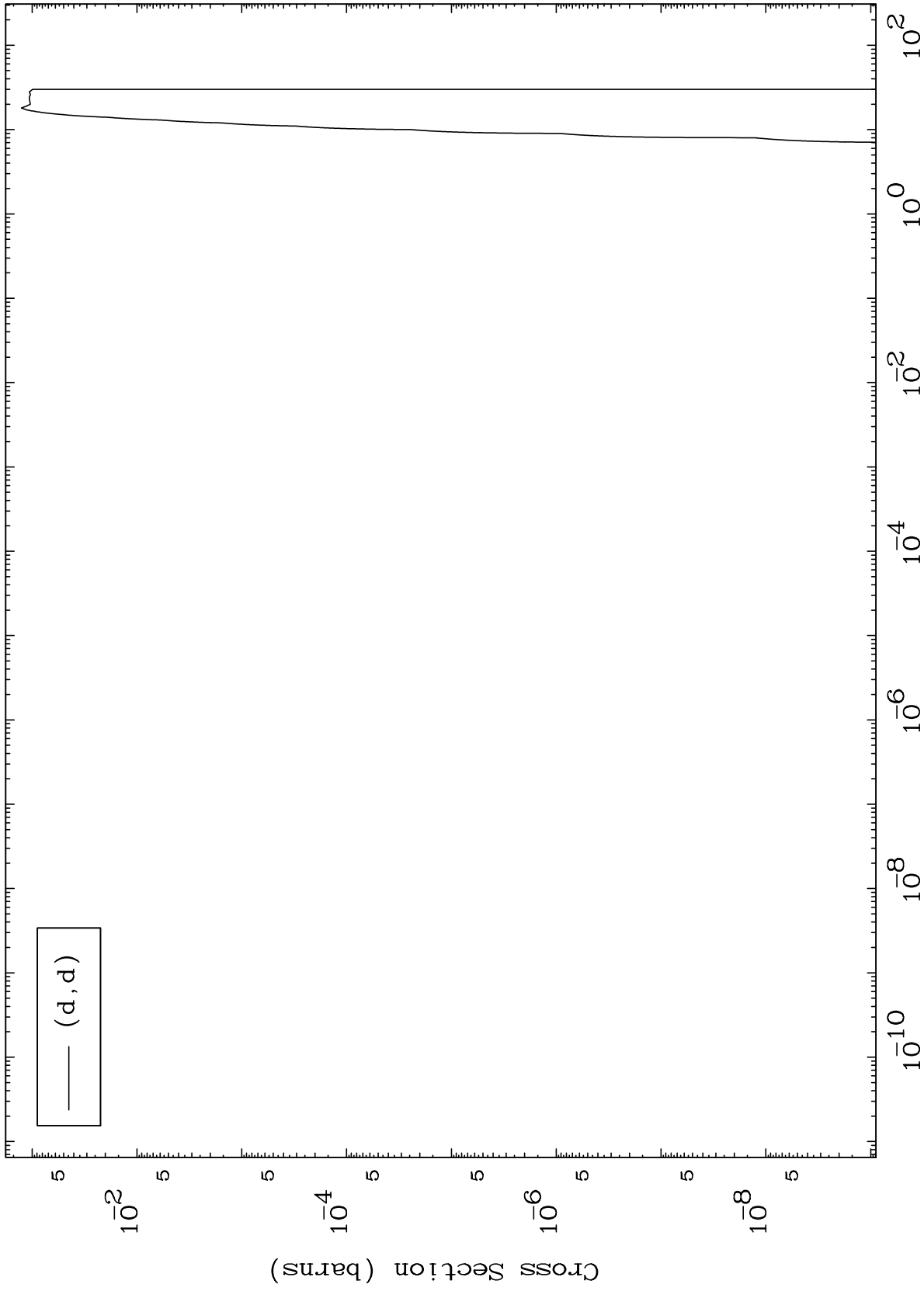
Incident Energy (MeV)

81-Tl-189

MAT 8084

(d,d) Levels
0 Kelvin Cross Sections

81-Tl-189



9

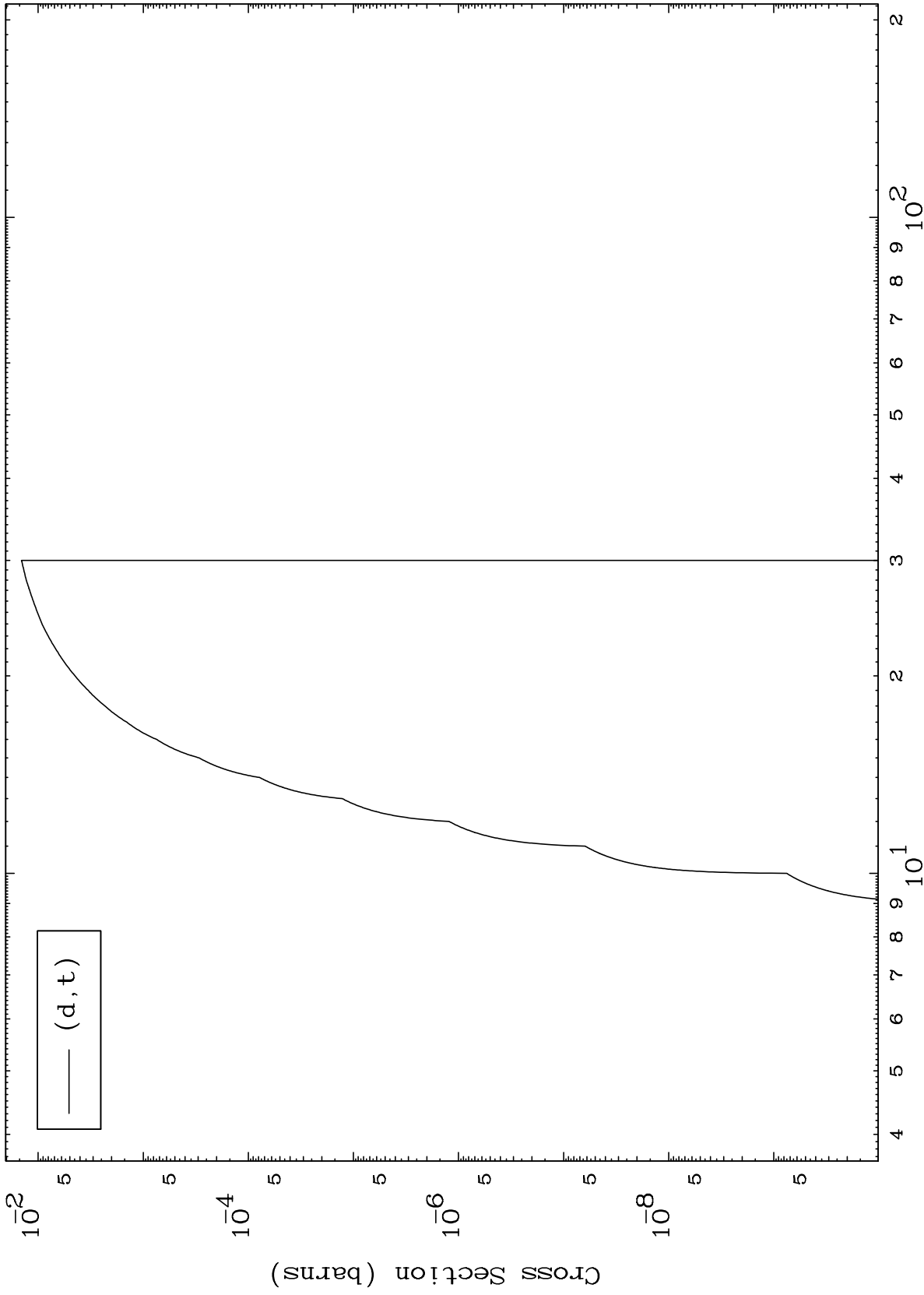
Incident Energy (MeV)

81-Tl-189

MAT 8084

(d,t) Levels
0 Kelvin Cross Sections

81-Tl-189



10

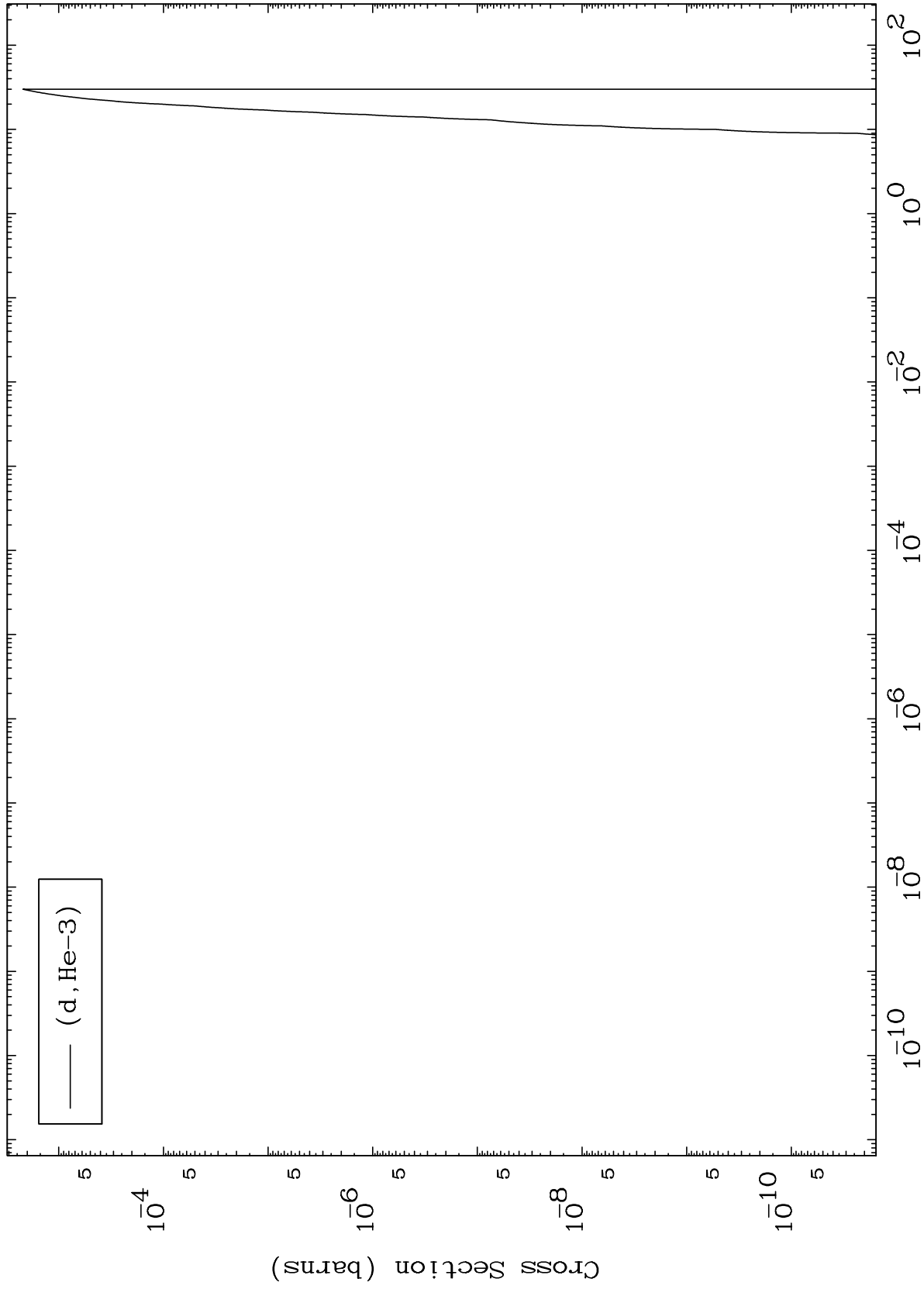
Incident Energy (MeV)

81-Tl-189

MAT 8084

(d,He3) Levels
0 Kelvin Cross Sections

81-Tl-189



11

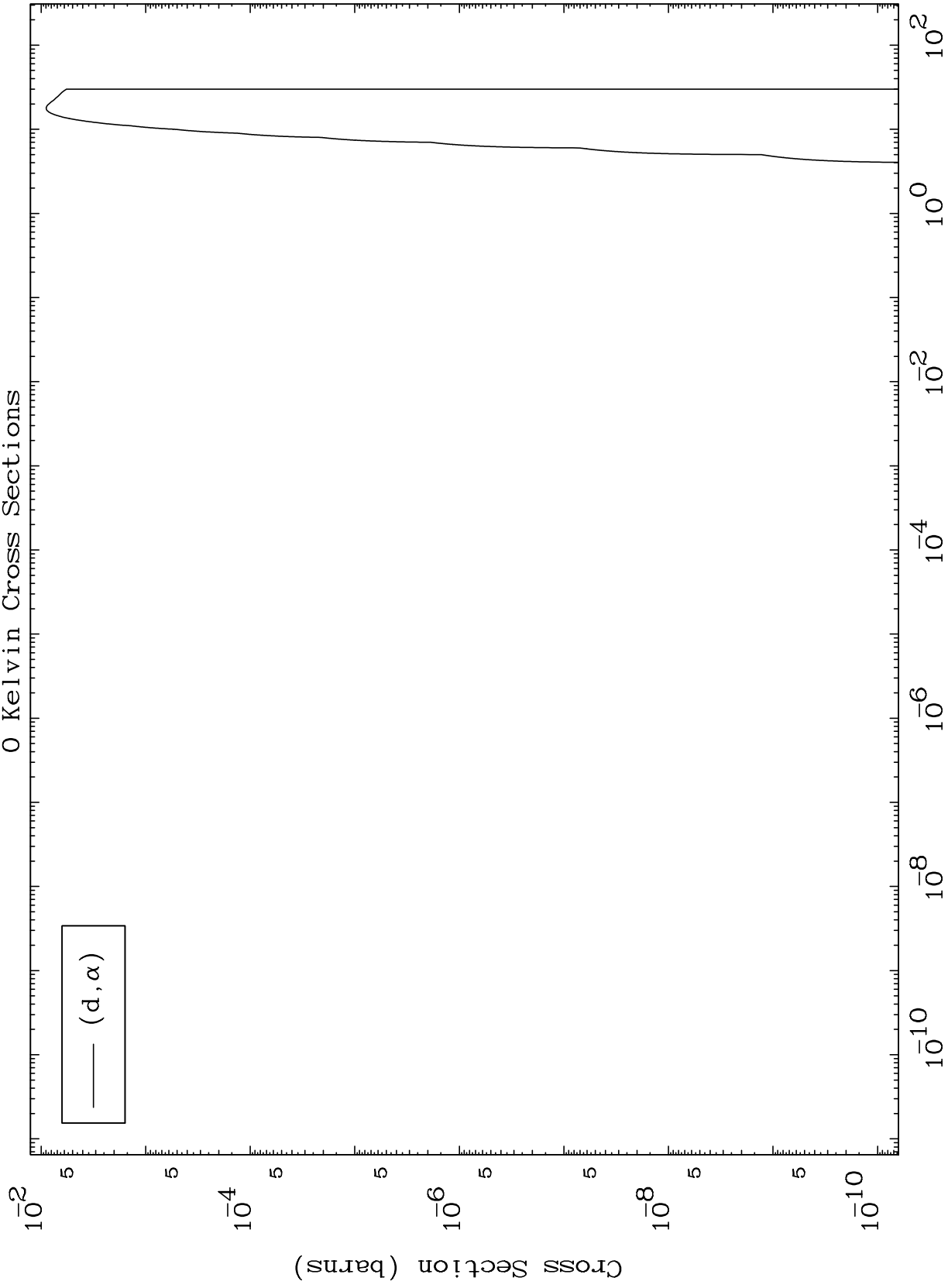
Incident Energy (MeV)

81-Tl-189

MAT 8084

(d, α) Levels
0 Kelvin Cross Sections

81-Tl-189



12

Incident Energy (MeV)

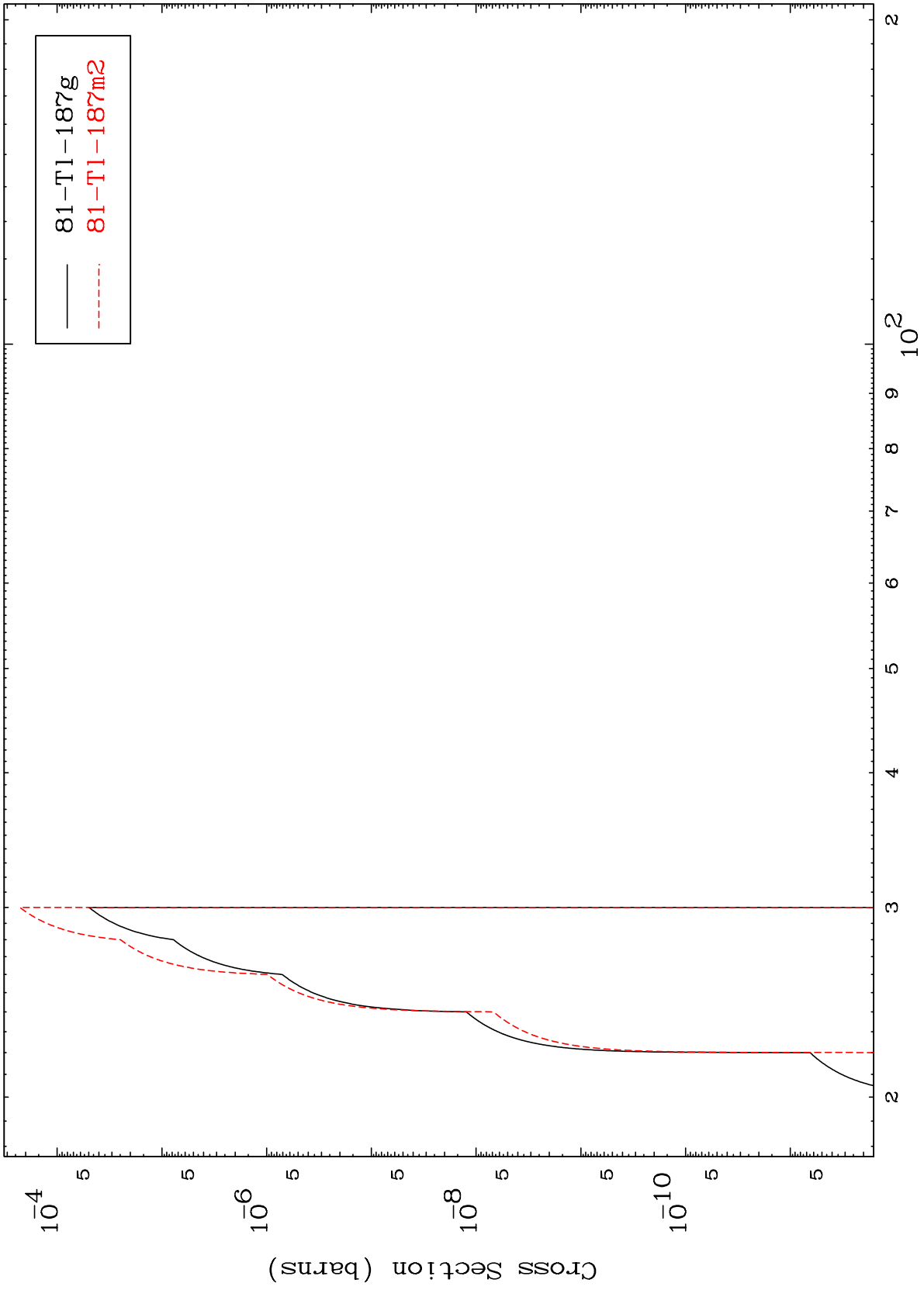
81-Tl-189

MAT 8084

(d,2n) d

81-Tl-189

Radionuclide Production Cross Section



13

Incident Energy (MeV)

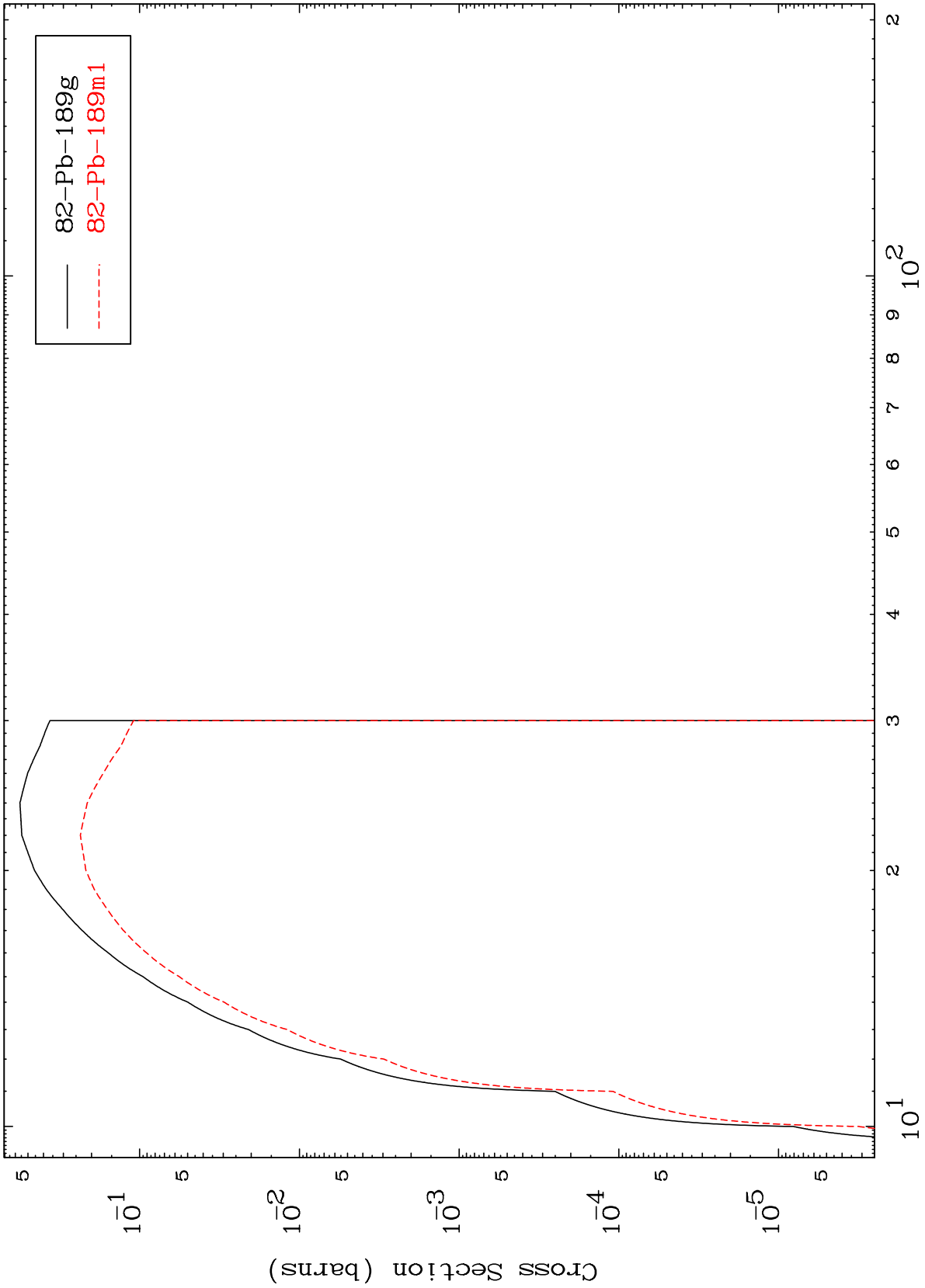
81-Tl-189

MAT 8084

(d,2n)

81-Tl-189

Radionuclide Production Cross Section



14

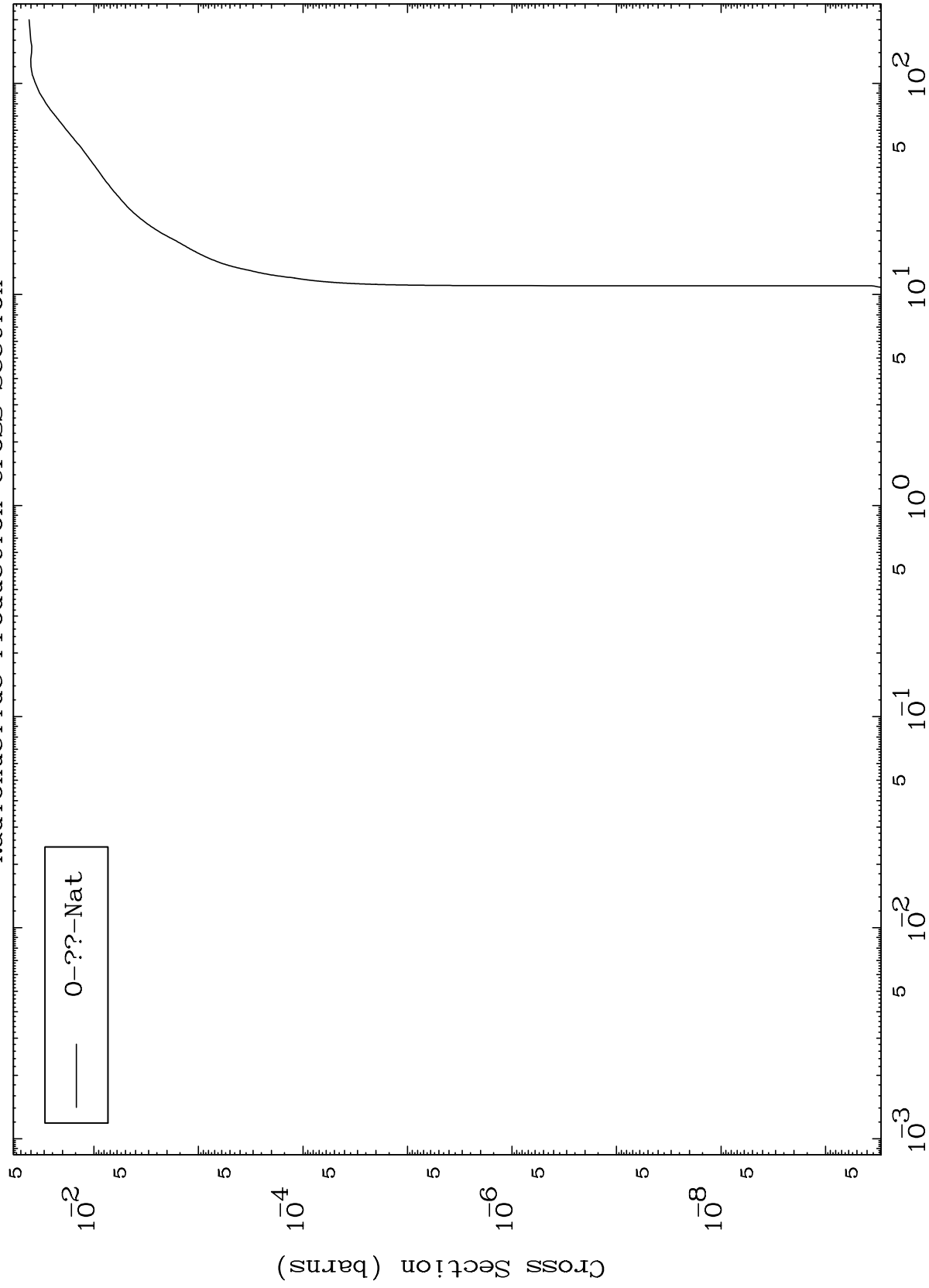
Incident Energy (MeV)

81-Tl-189

MAT 8084

Deuteron Fission
Radionuclide Production Cross Section

81-Tl-189



15

Incident Energy (MeV)

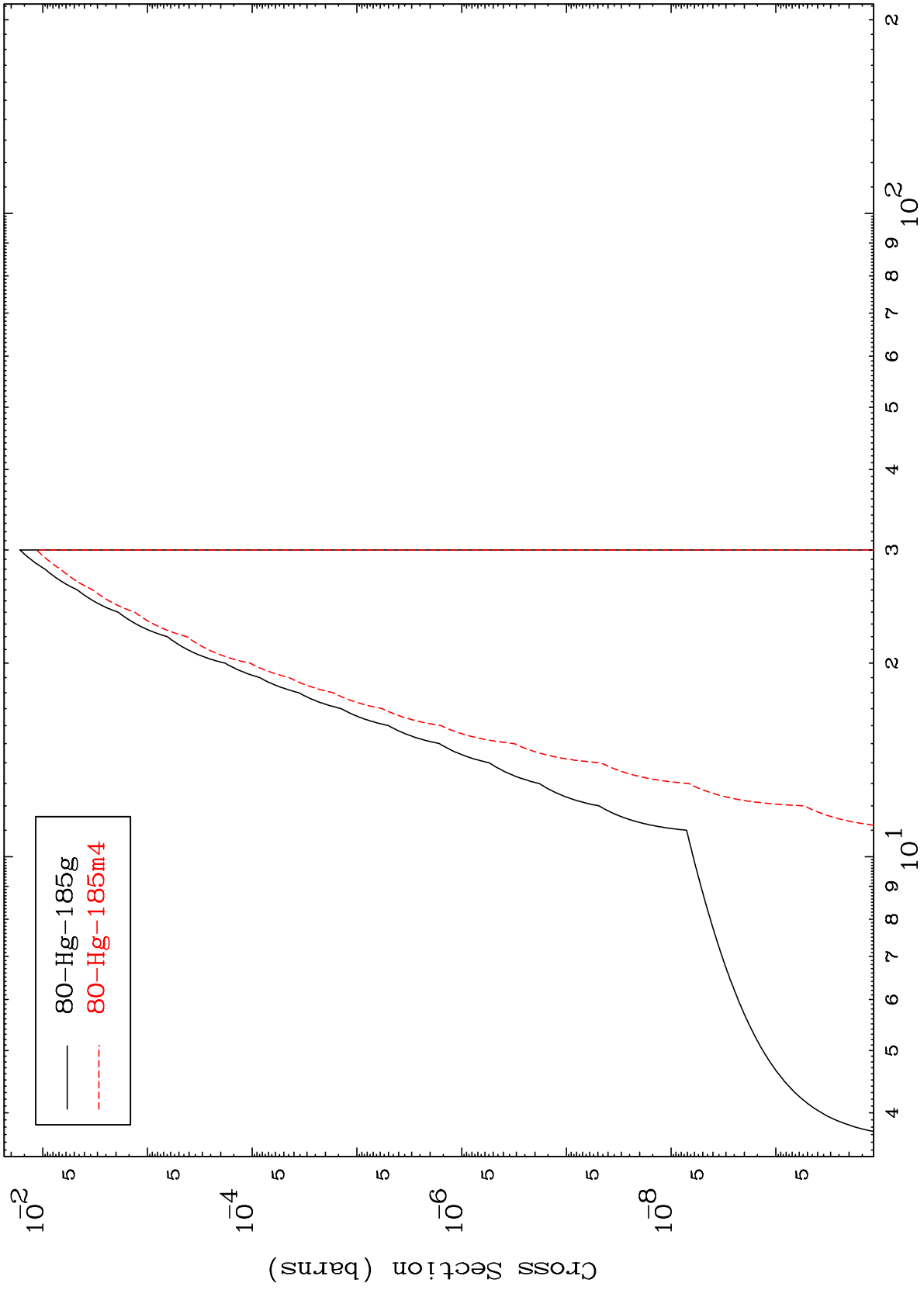
81-Tl-189

MAT 8084

(d,2n) α

81-Tl-189

Radionuclide Production Cross Section



80-Hg-185g
80-Hg-185m4

16

Incident Energy (MeV)

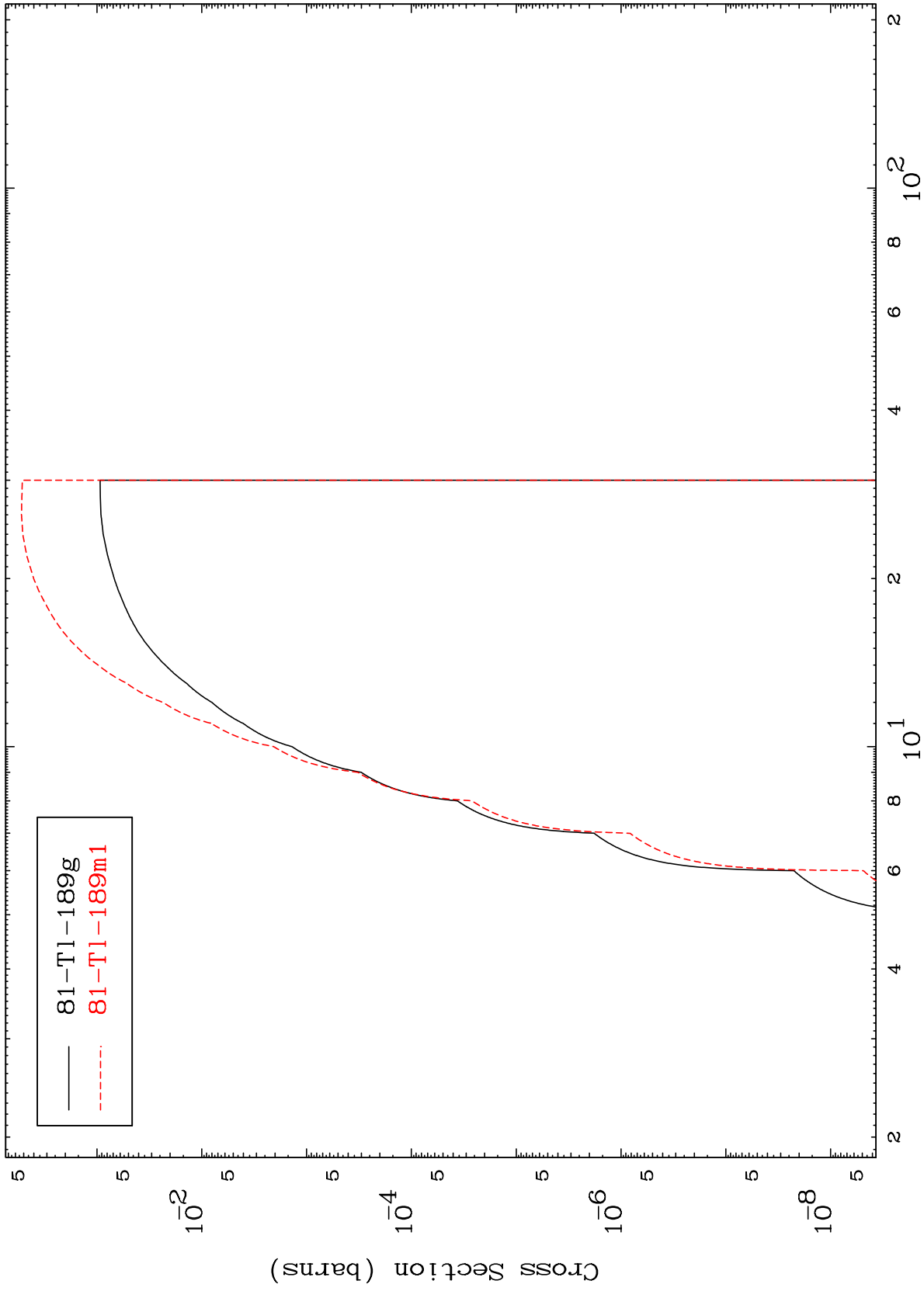
81-Tl-189

MAT 8084

(d,n') p

81-Tl-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

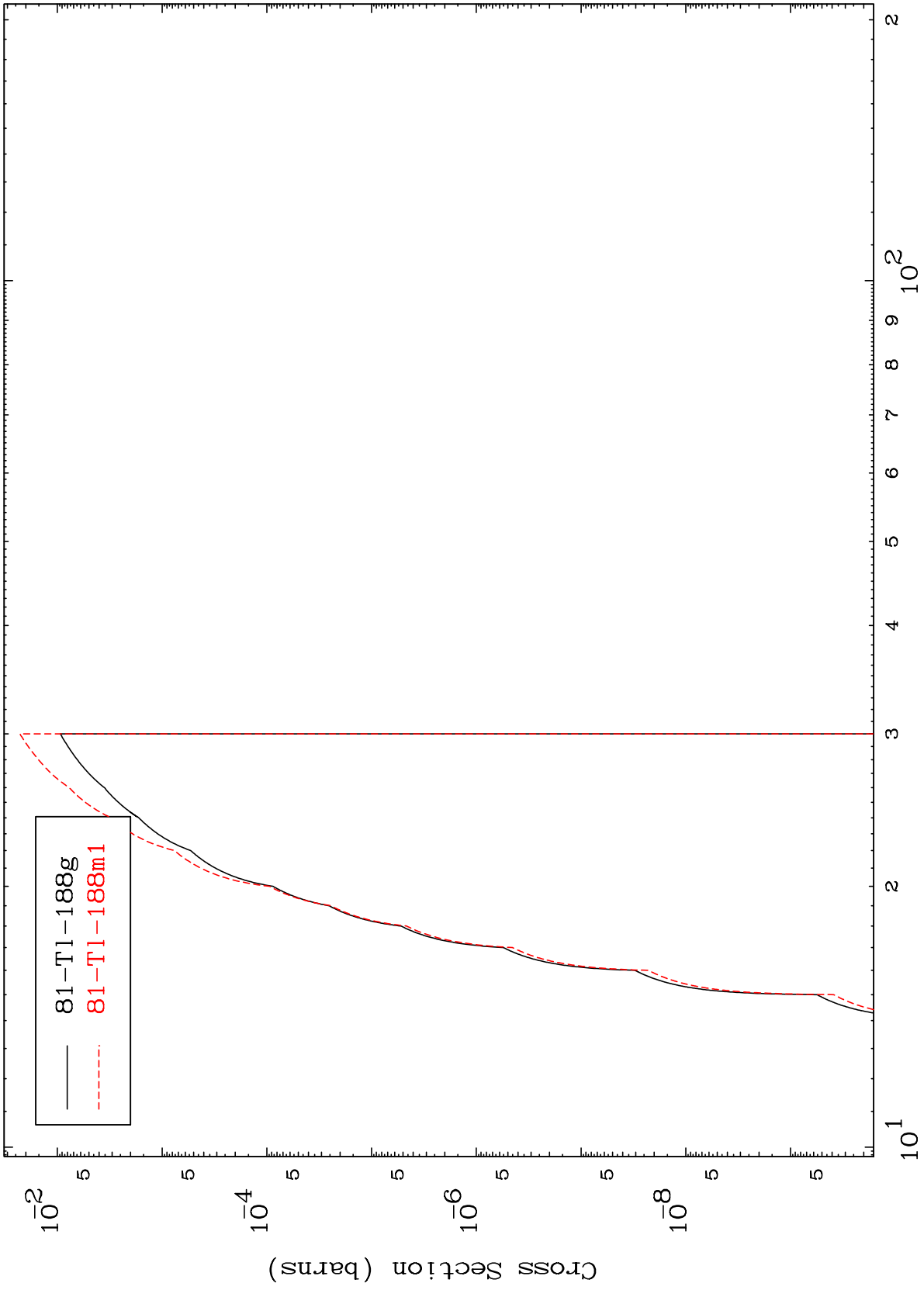
81-Tl-189

MAT 8084

(d,n') d

81-Tl-189

Radionuclide Production Cross Section



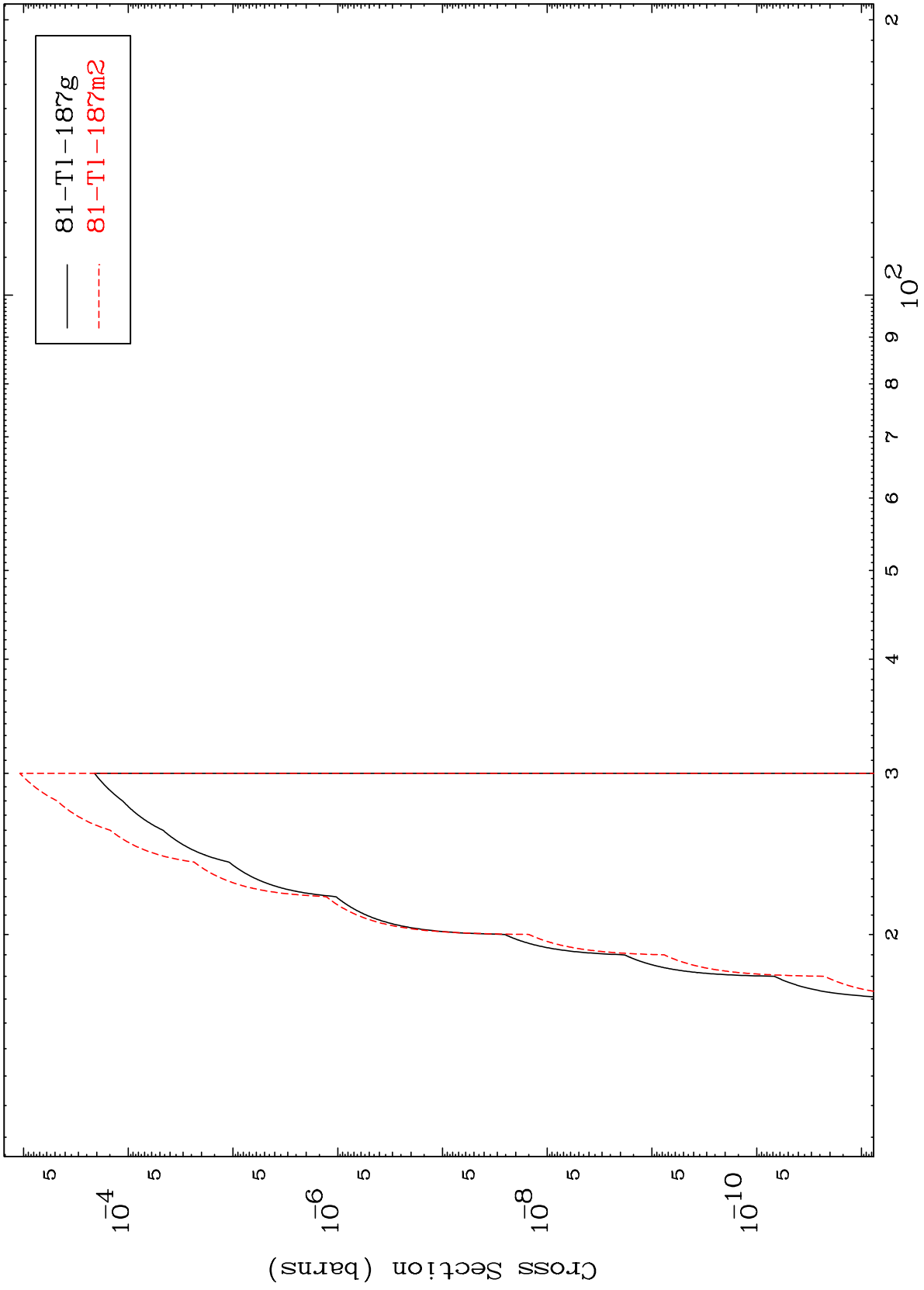
81-Tl-188g
81-Tl-188m1

MAT 8084

(d,n') t

81-Tl-189

Radionuclide Production Cross Section



19

Incident Energy (MeV)

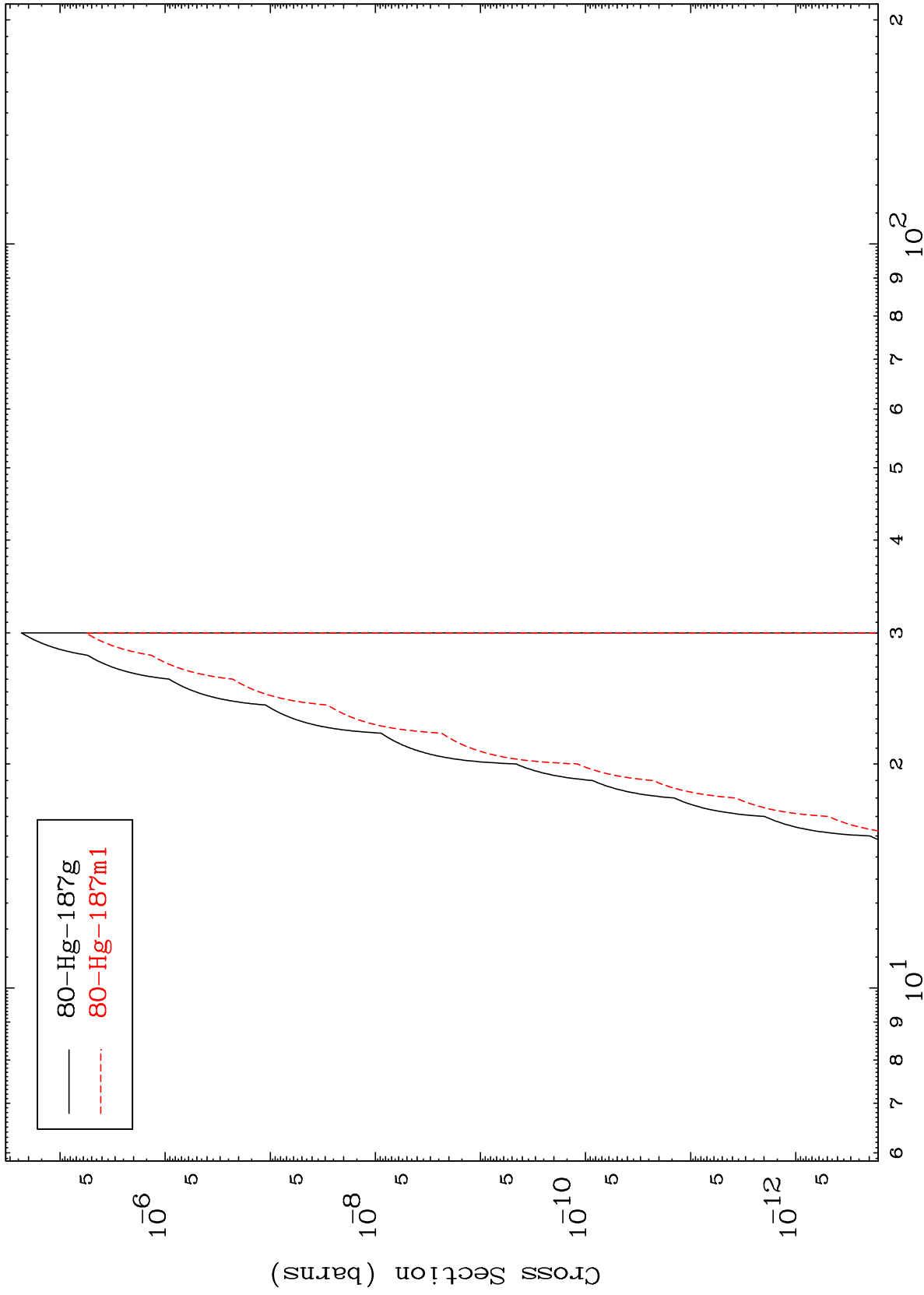
81-Tl-189

MAT 8084

(d, n') He-3

81-Tl-189

Radionuclide Production Cross Section



20

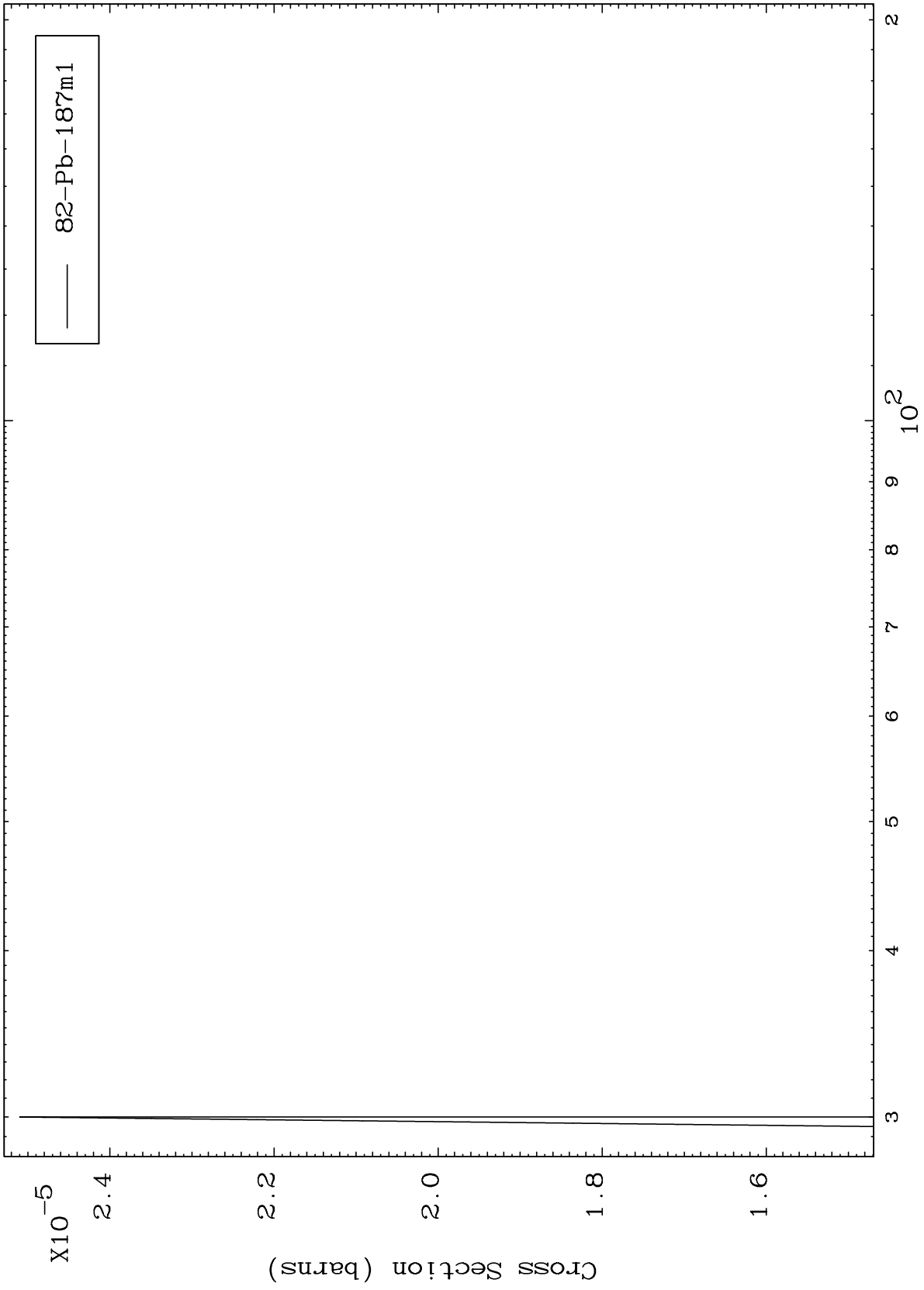
Incident Energy (MeV)

81-Tl-189

MAT 8084

81-Tl-189

(d,4n)
Radionuclide Production Cross Section



21

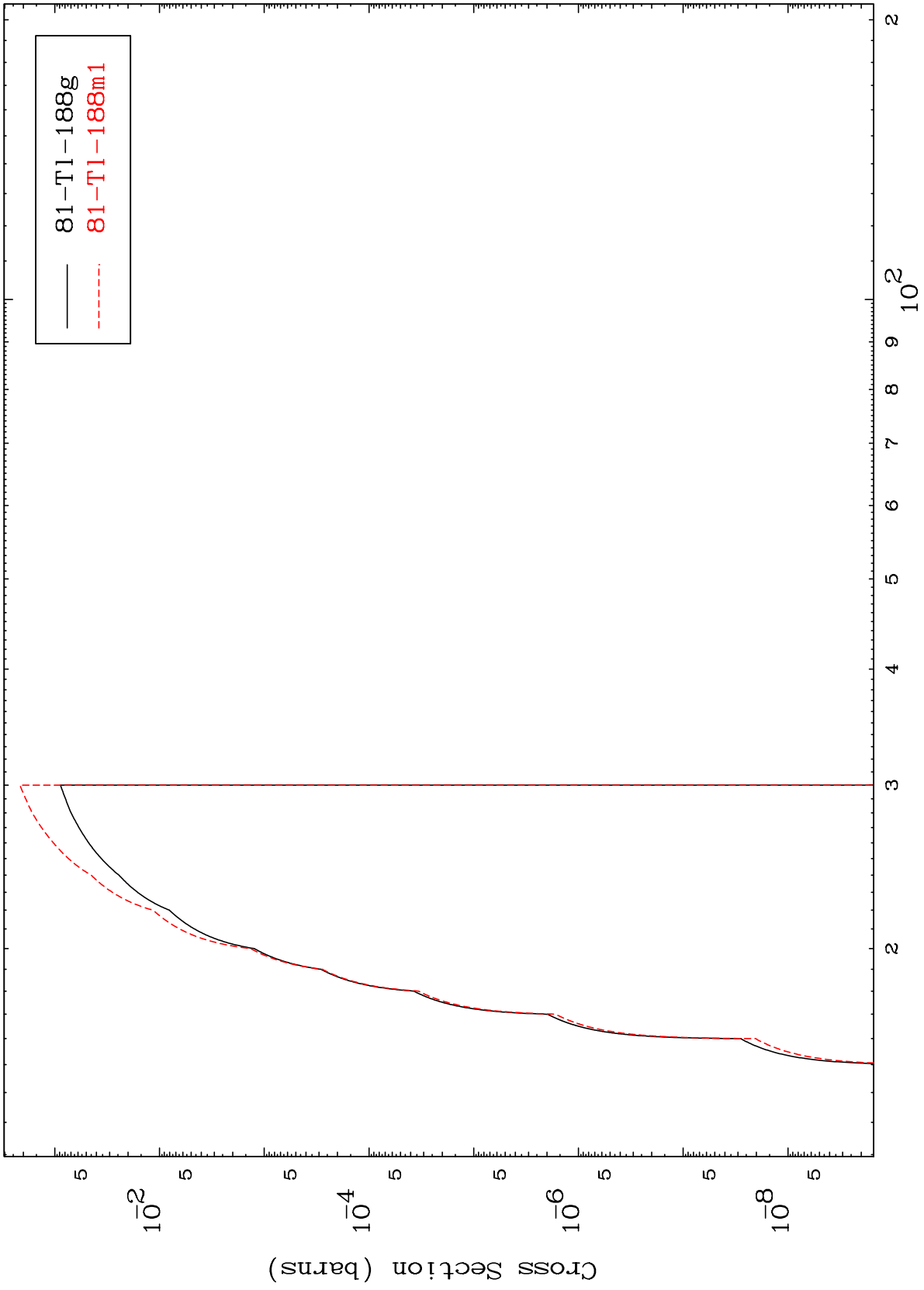
81-Tl-189

MAT 8084

(d,2n) p

81-Tl-189

Radionuclide Production Cross Section



22

Incident Energy (MeV)

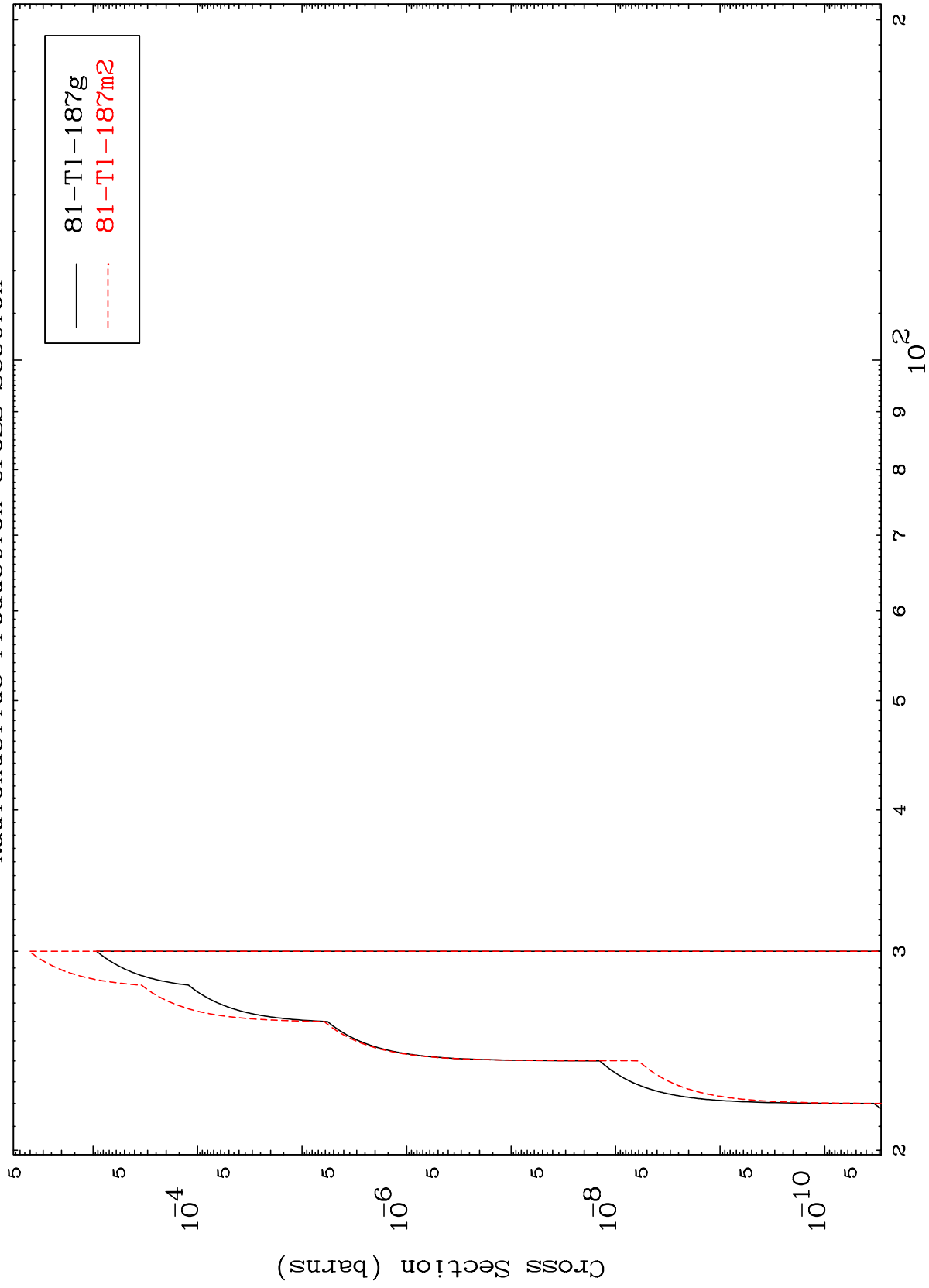
81-Tl-189

MAT 8084

(d,3n) p

81-Tl-189

Radionuclide Production Cross Section



23

Incident Energy (MeV)

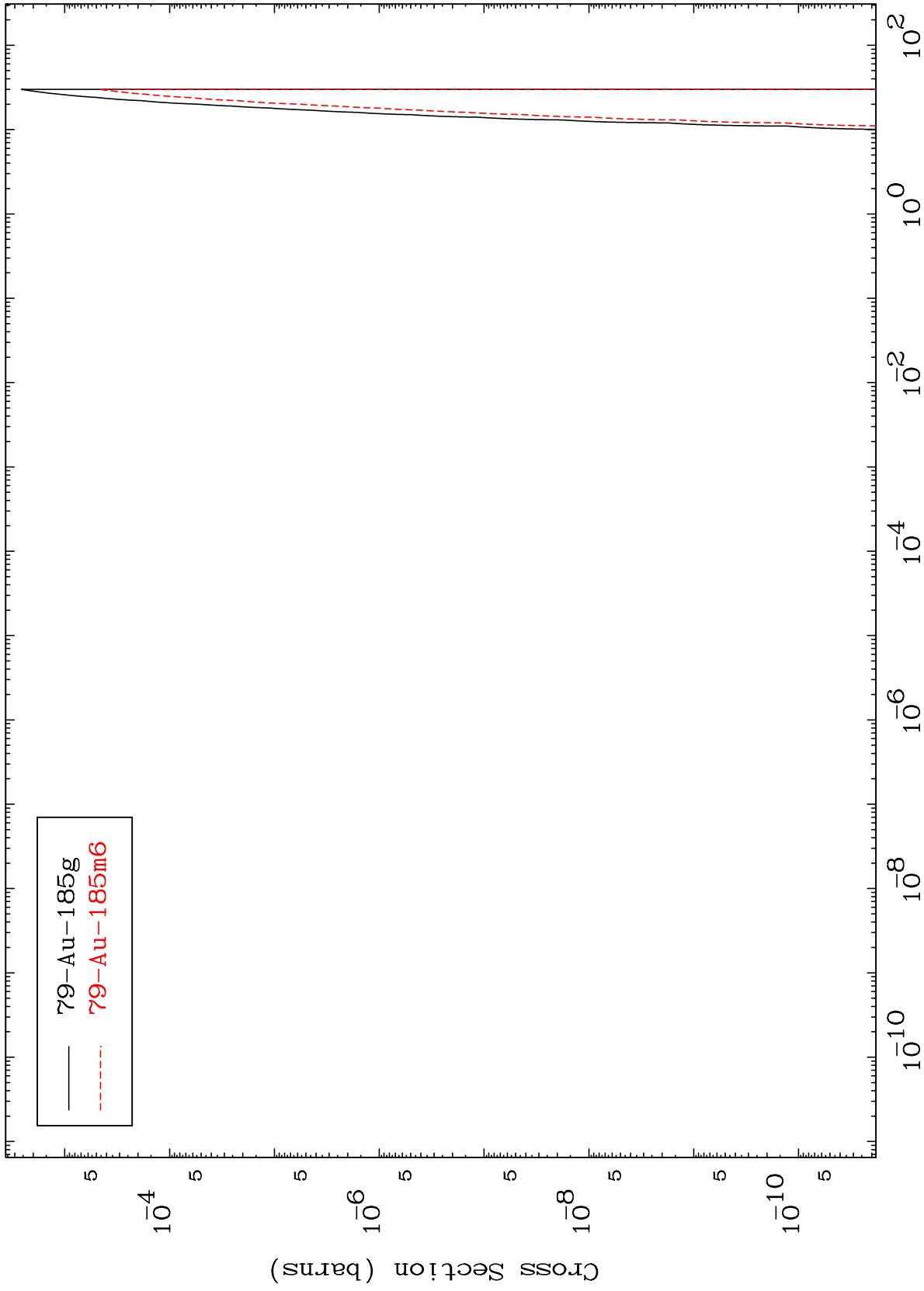
81-Tl-189

MAT 8084

(d,n') p α

81-Tl-189

Radionuclide Production Cross Section



24

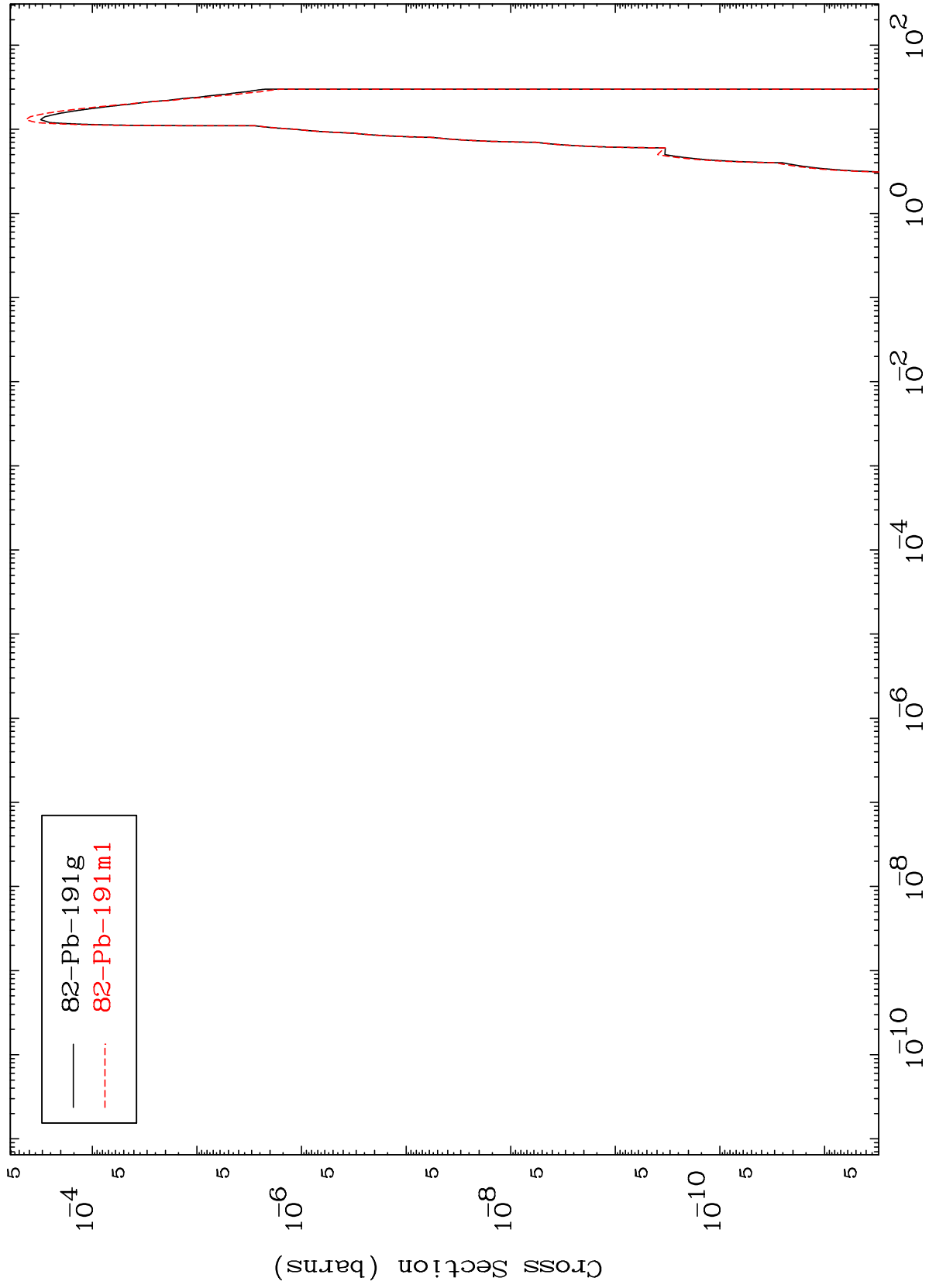
Incident Energy (MeV)

81-Tl-189

MAT 8084

(d,γ)
Radionuclide Production Cross Section

81-Tl-189



25

Incident Energy (MeV)

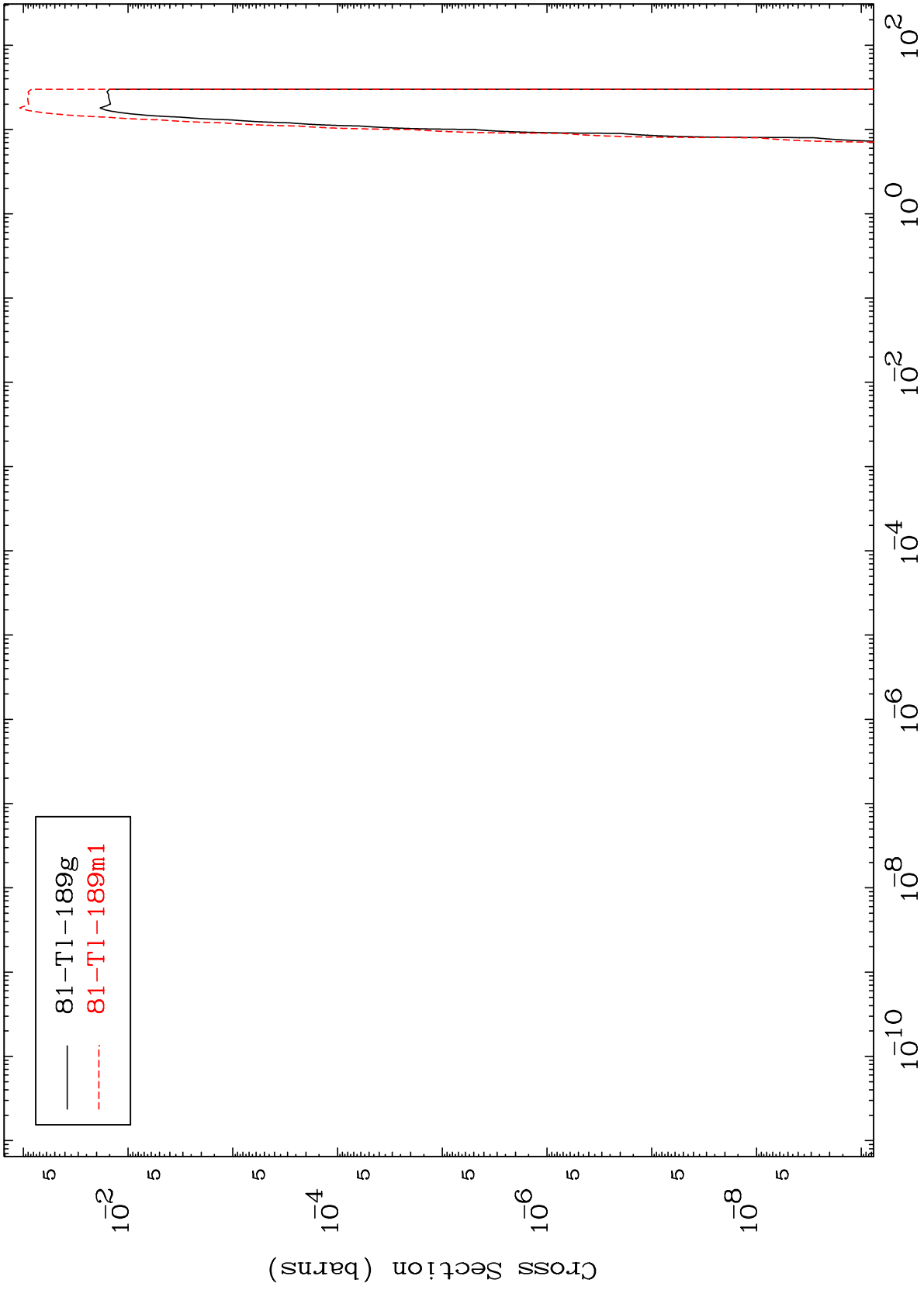
81-Tl-189

MAT 8084

(d,d)

81-Tl-189

Radionuclide Production Cross Section

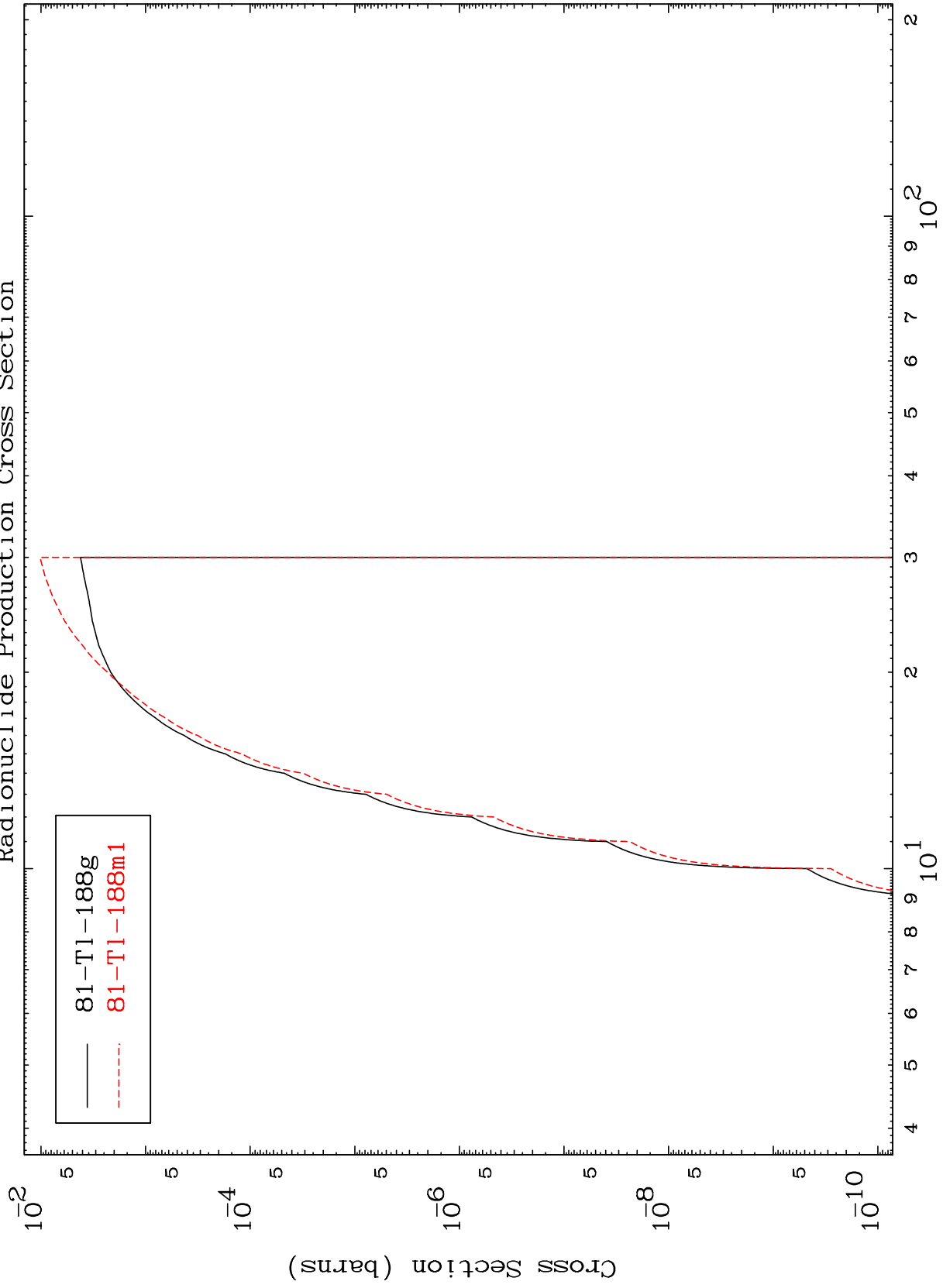


81-Tl-189g
81-Tl-189m1

MAT 8084

81-Tl-189

(d, t)
Radionuclide Production Cross Section



27

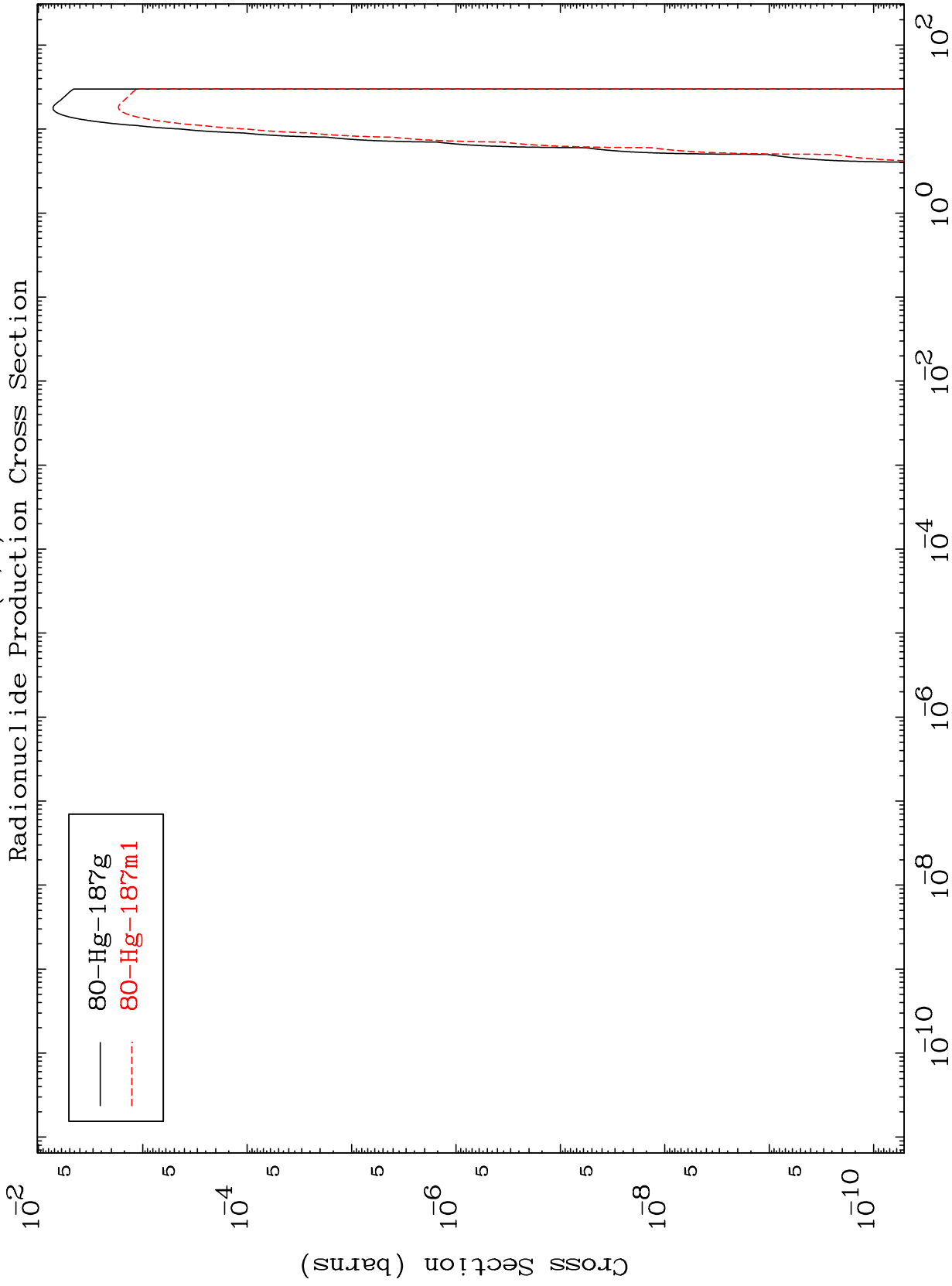
81-Tl-189

MAT 8084

(d, α)

81-Tl-189

Radionuclide Production Cross Section



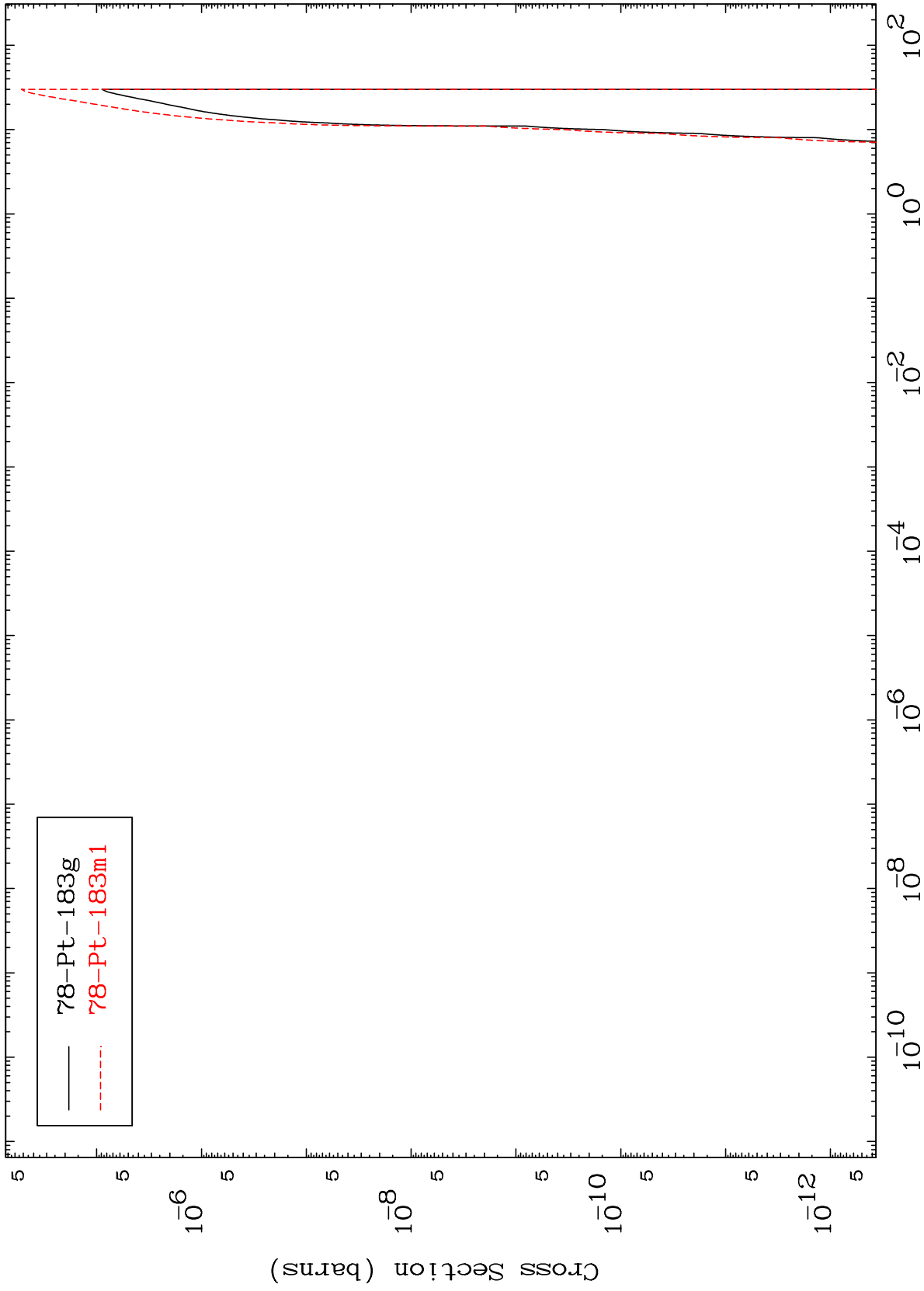
80-Hg-187g
80-Hg-187m1

MAT 8084

(d,2 α)

81-Tl-189

Radionuclide Production Cross Section



29

Incident Energy (MeV)

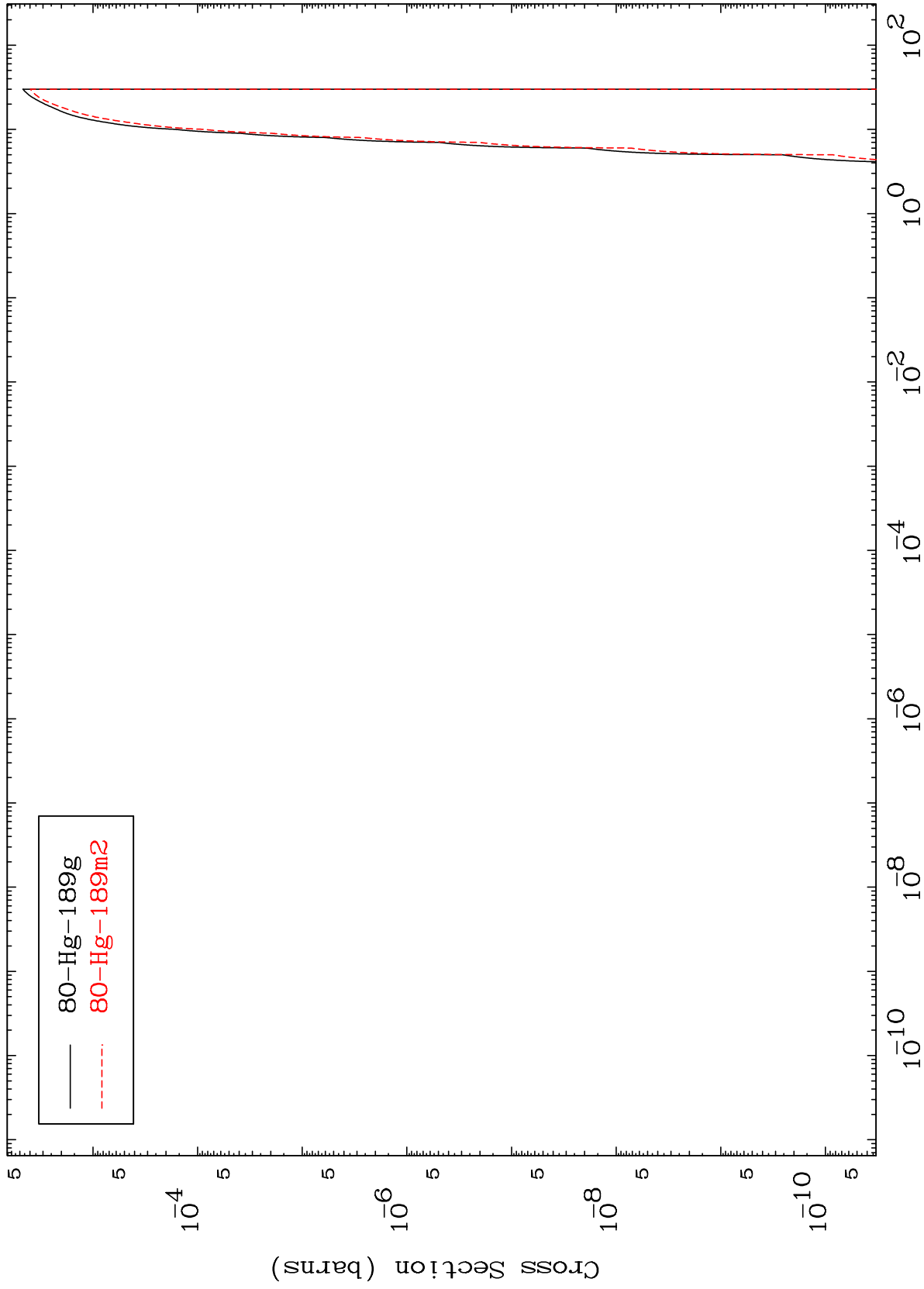
81-Tl-189

MAT 8084

(d,2p)

81-Tl-189

Radionuclide Production Cross Section



30

Incident Energy (MeV)

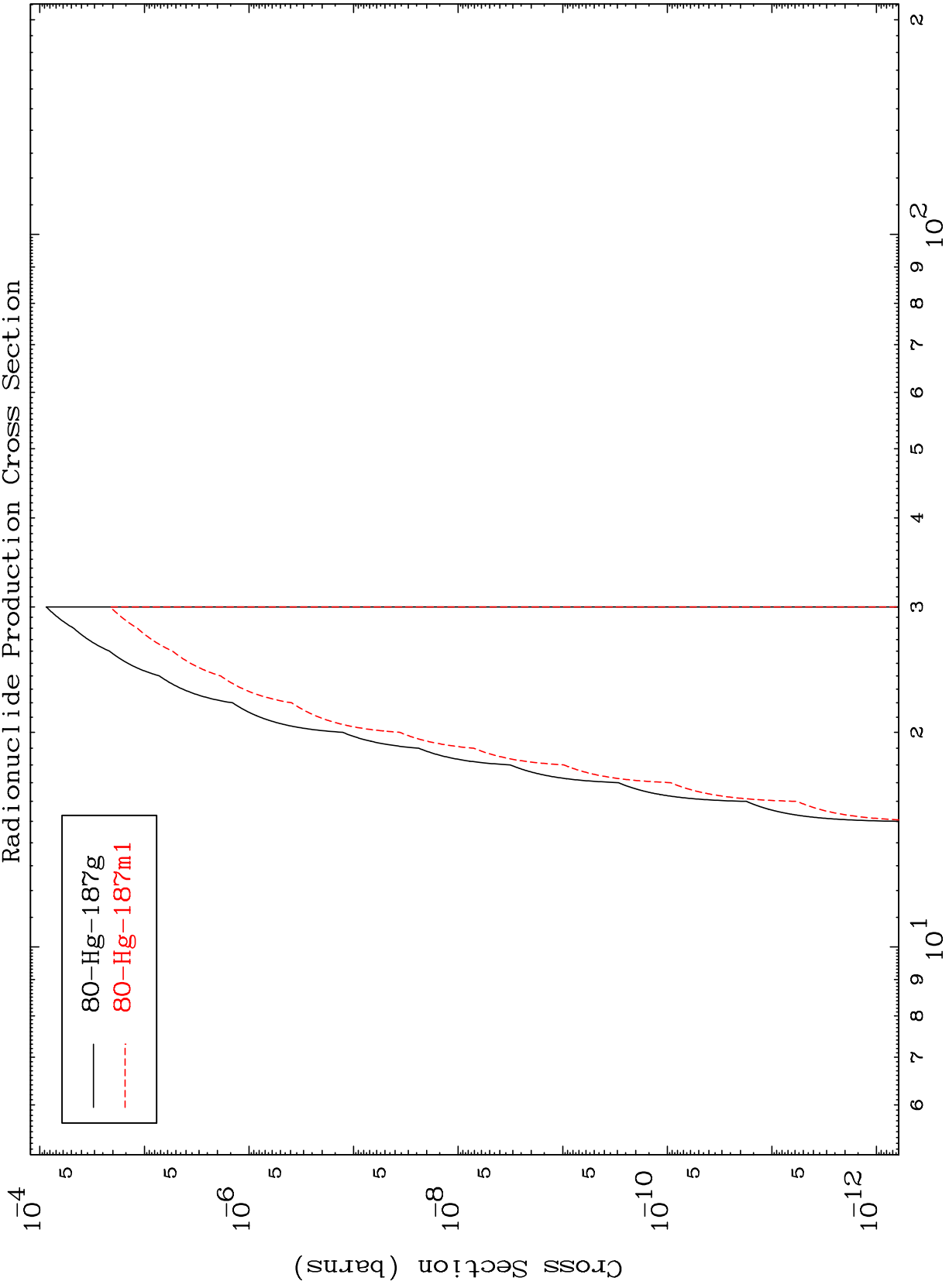
81-Tl-189

MAT 8084

(d,p) t

81-Tl-189

Radionuclide Production Cross Section



31

Incident Energy (MeV)

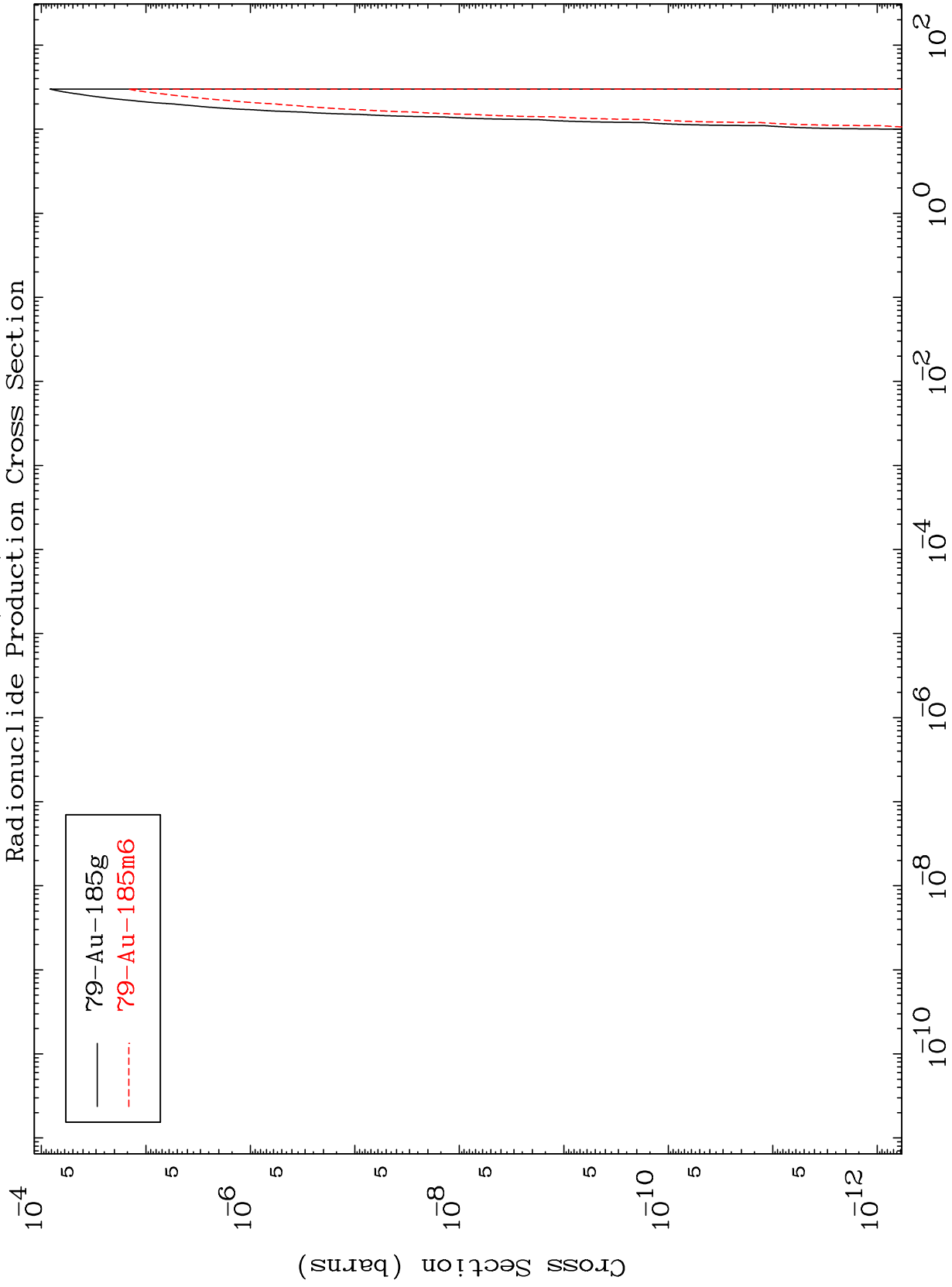
81-Tl-189

MAT 8084

(d,d) α

81-Tl-189

Radionuclide Production Cross Section



32

Incident Energy (MeV)

81-Tl-189