

Program EVALPLOT
(Version 2021-1)

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

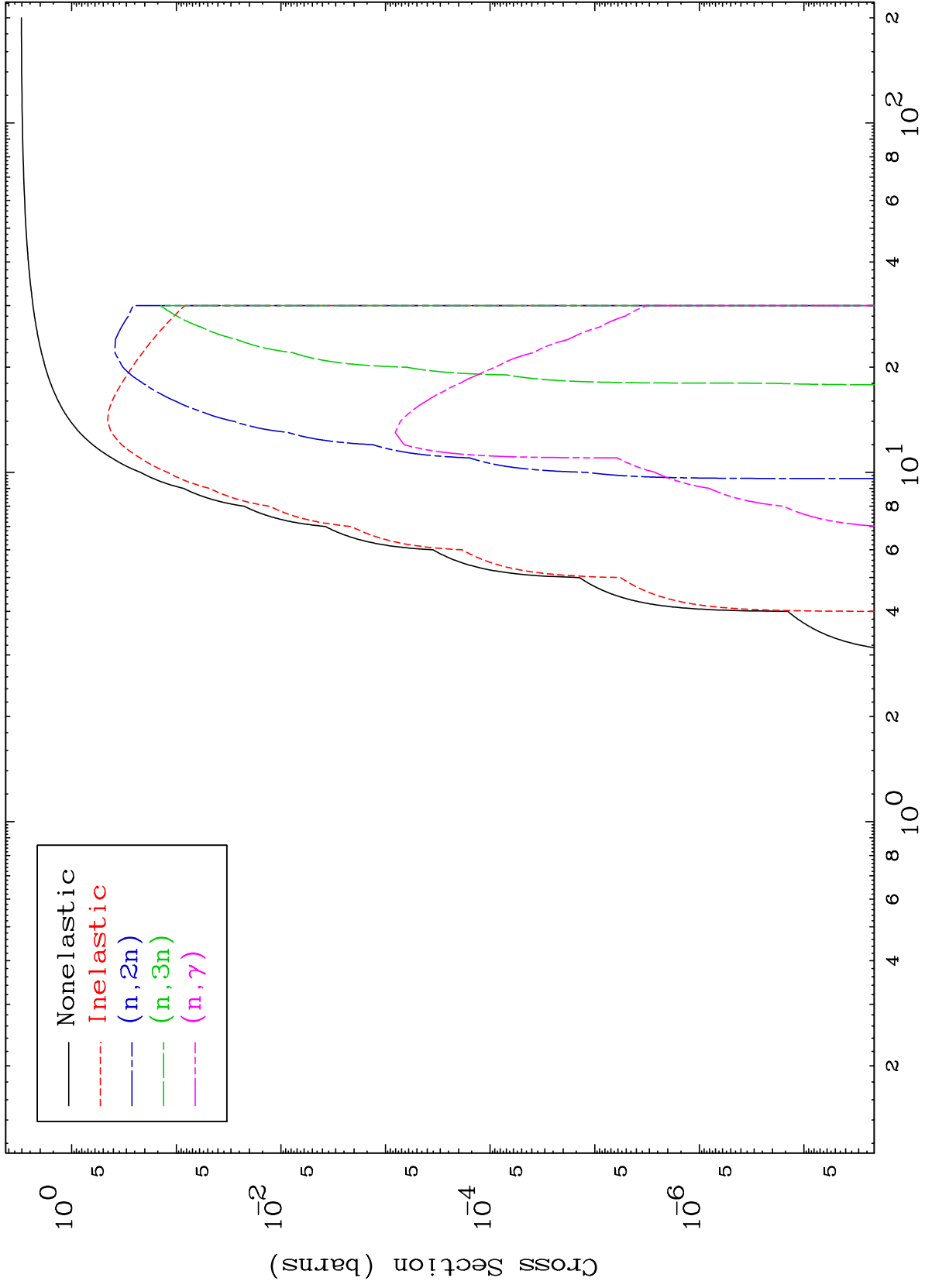
Web:redcullen1.net/HOMEPAGE.NEW

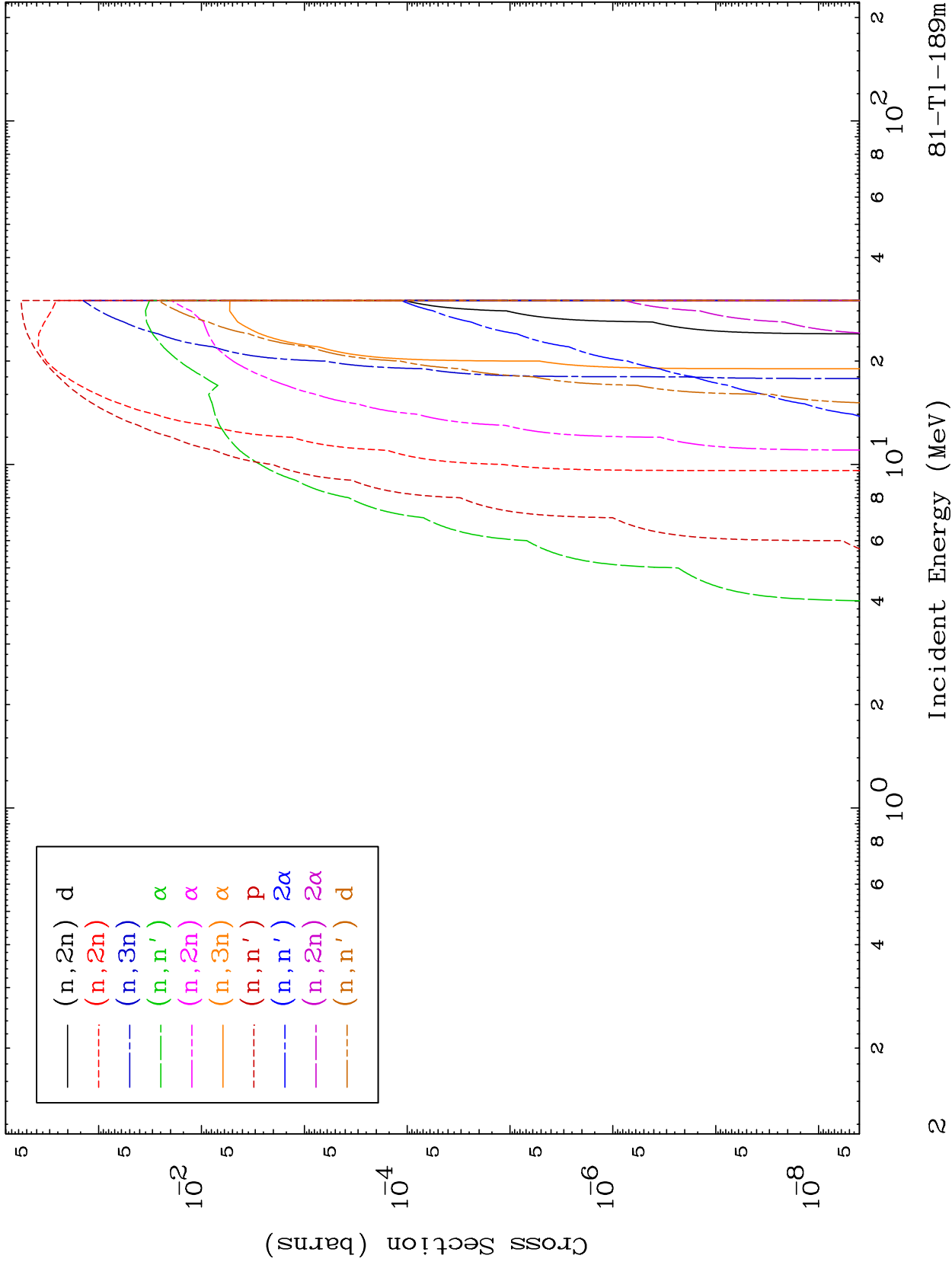
Press Mouse Button to Start

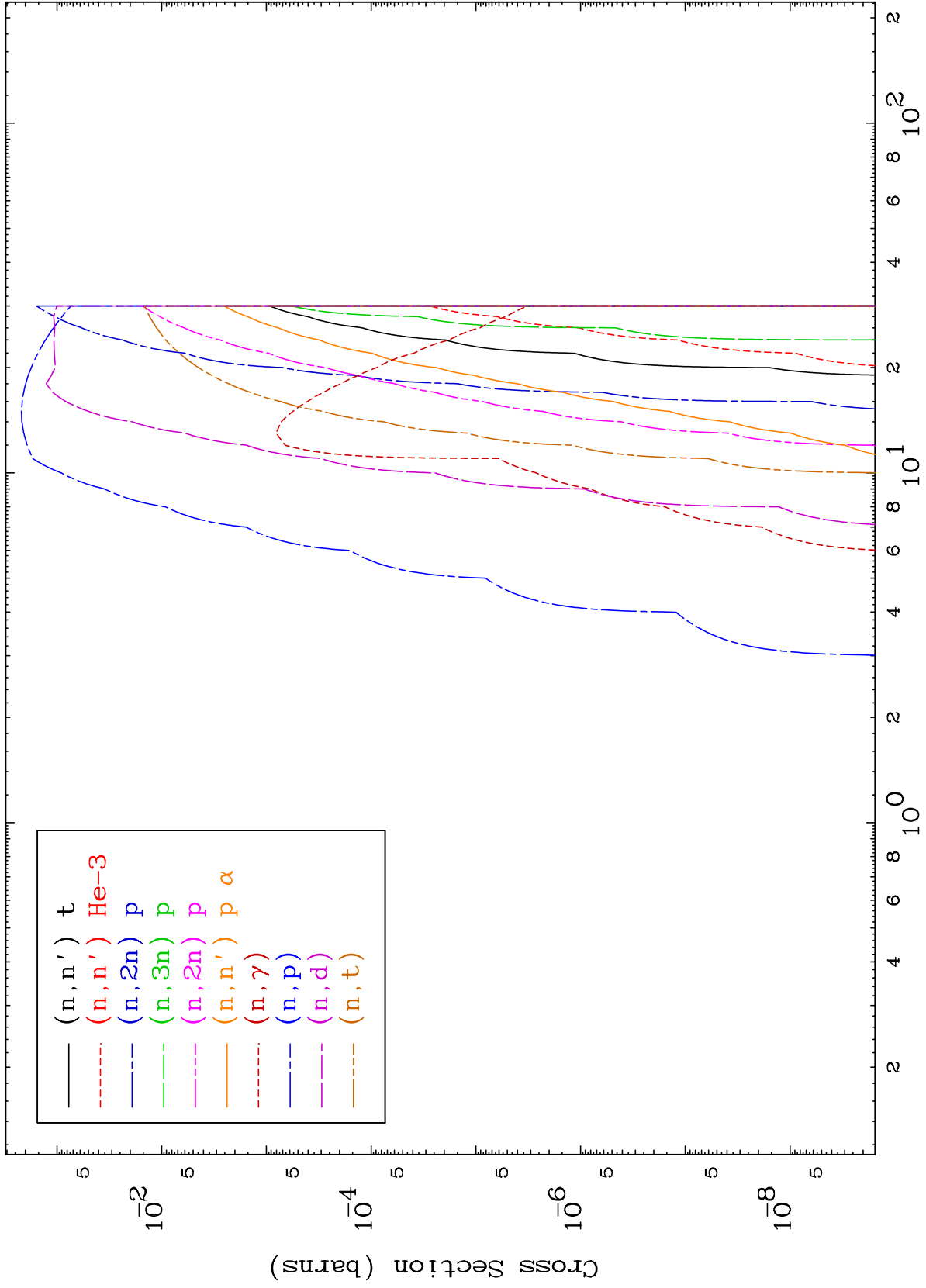
MAT 8084

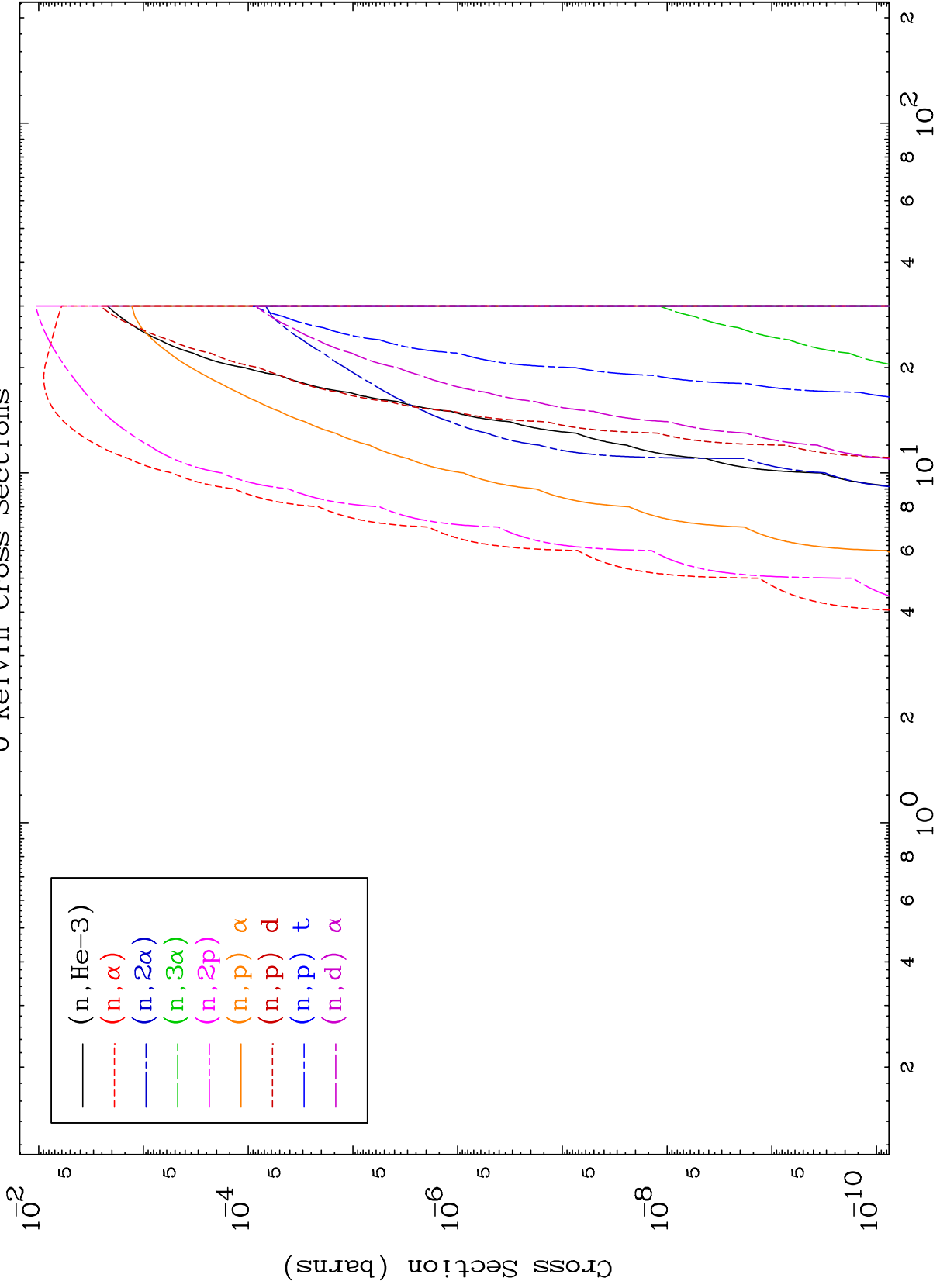
Deuteron Major
0 Kelvin Cross Sections

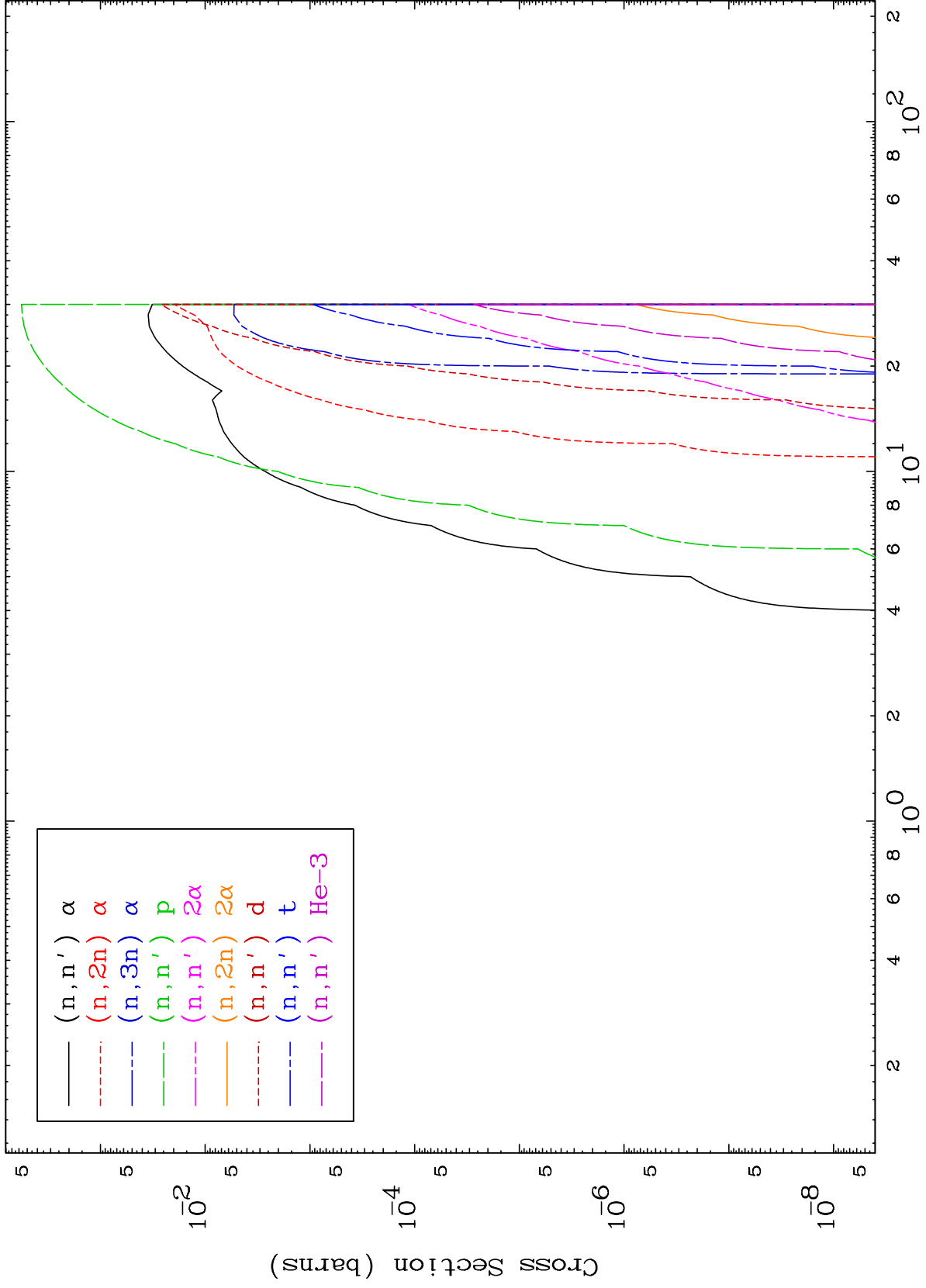
81-Tl-189m

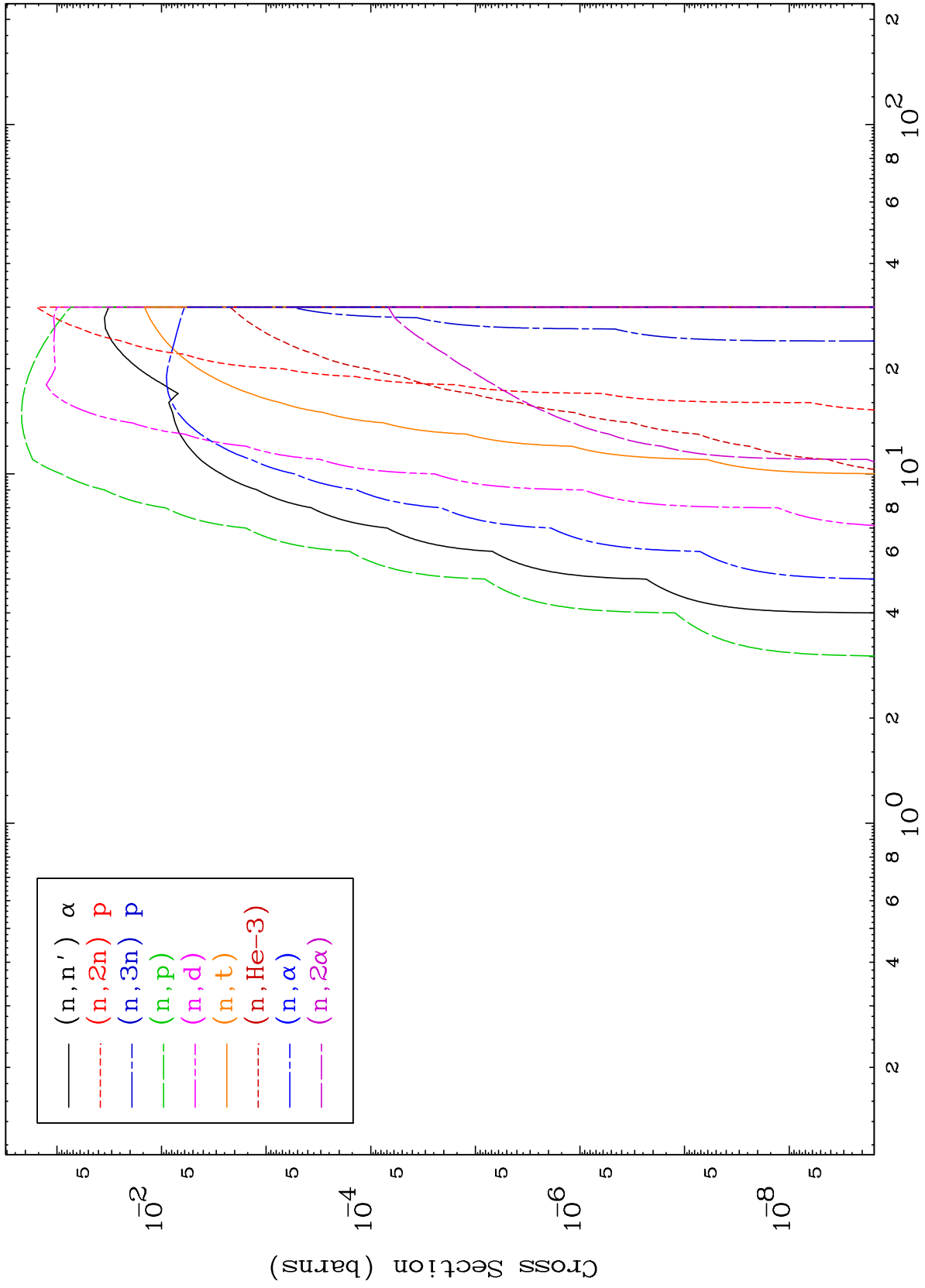


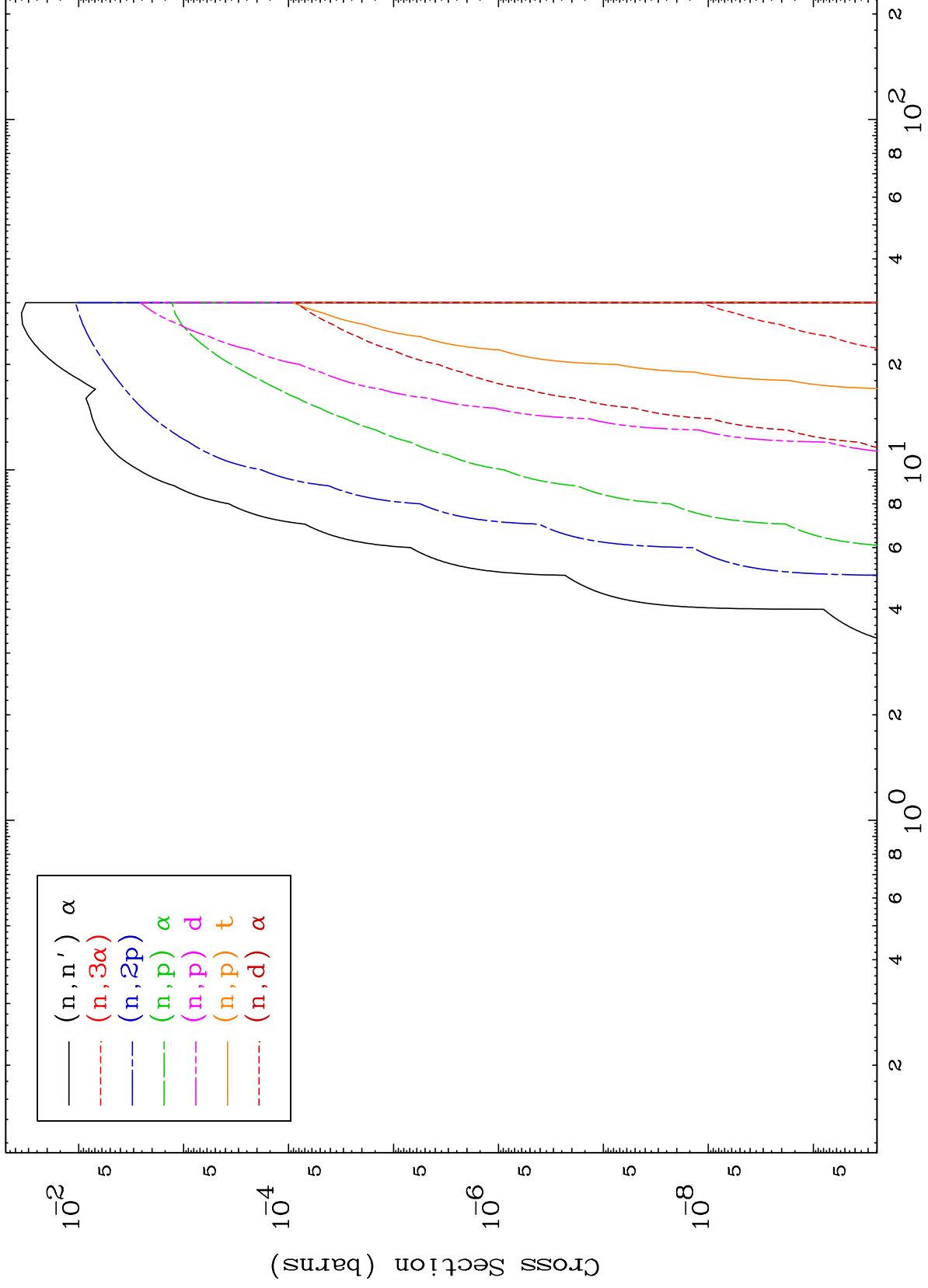










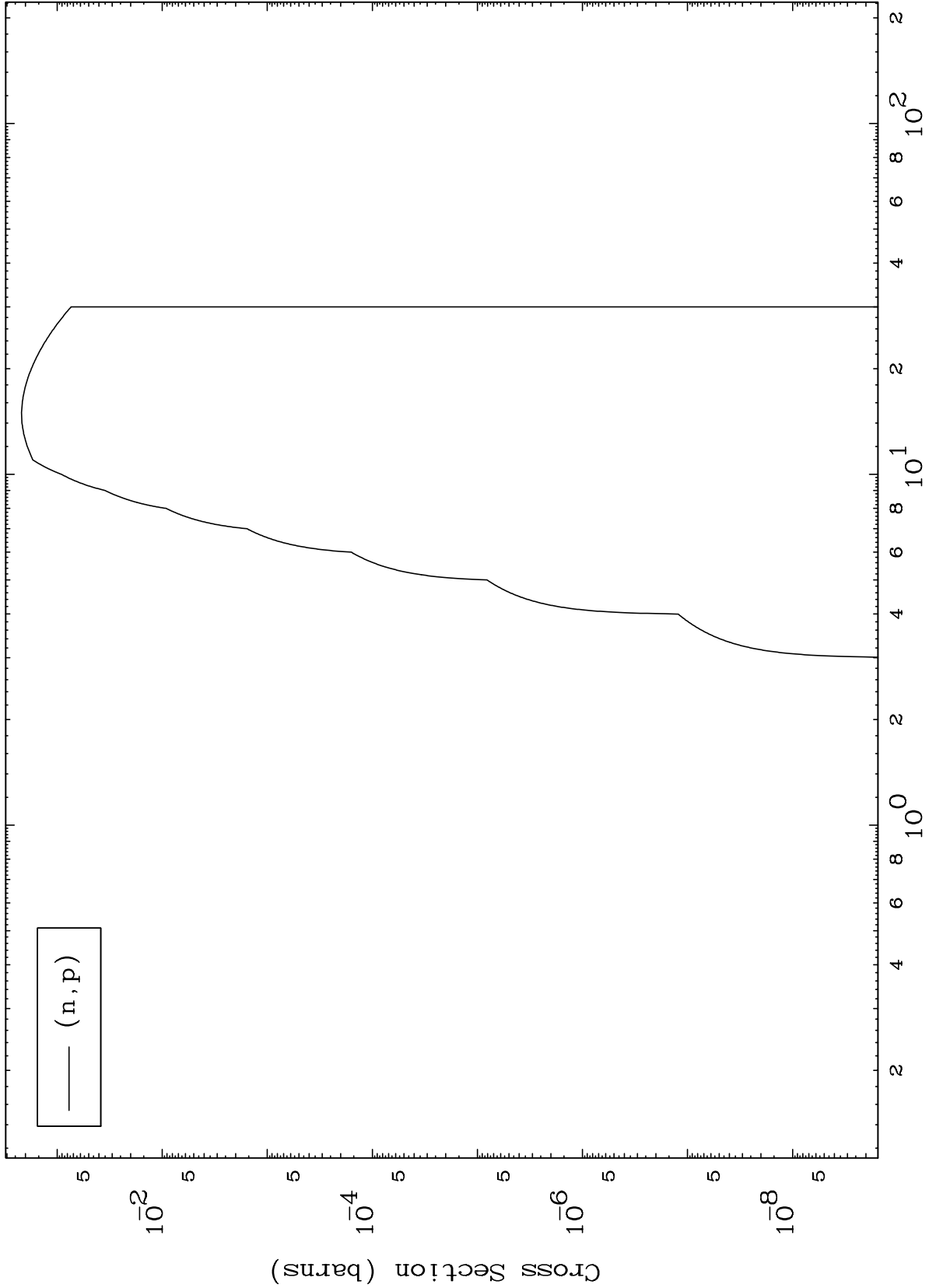


MAT 8084

(d,p) Levels

81-Tl-189m

0 Kelvin Cross Sections

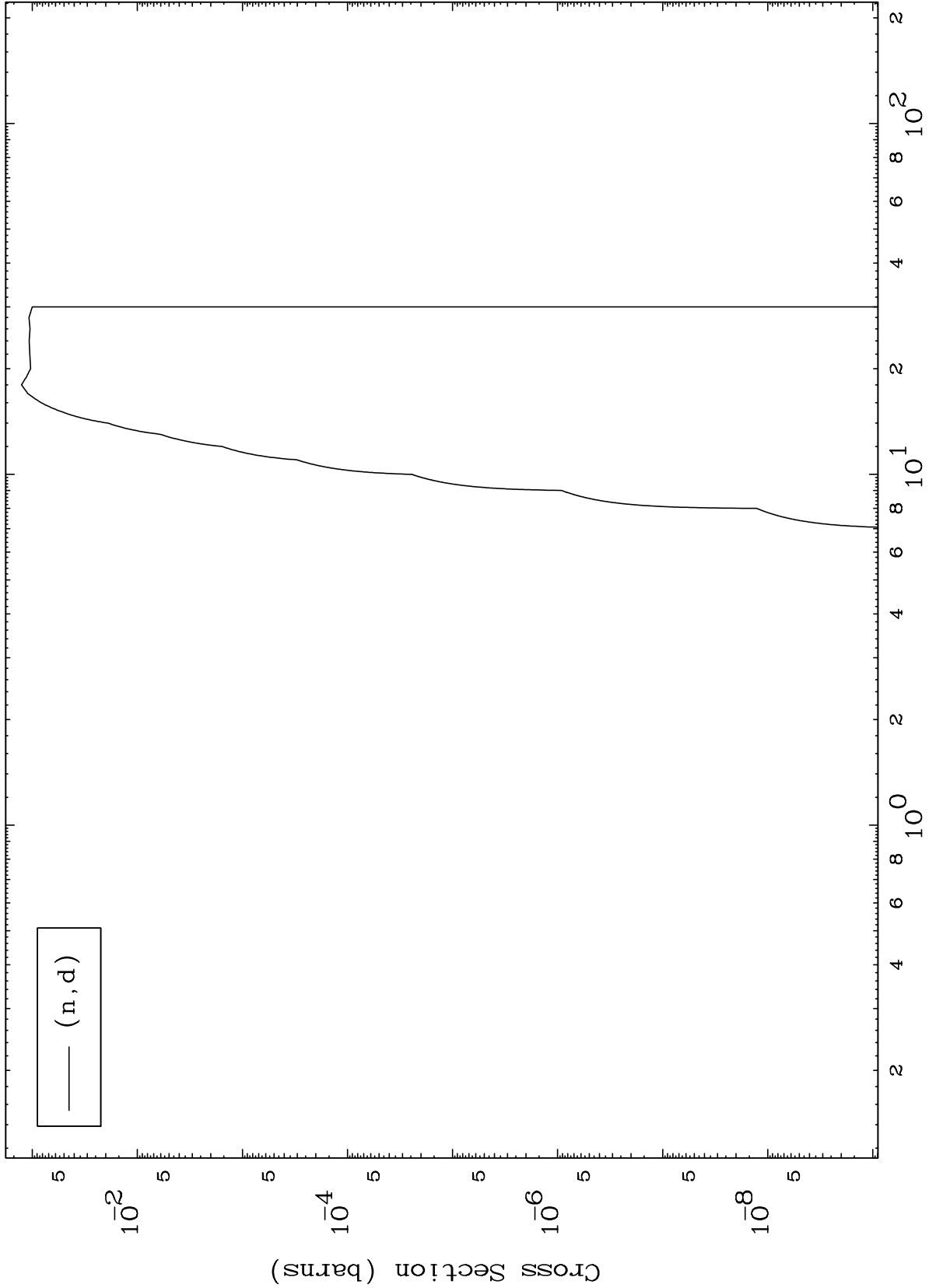


MAT 8084

(d,d) Levels

81-Tl-189m

0 Kelvin Cross Sections

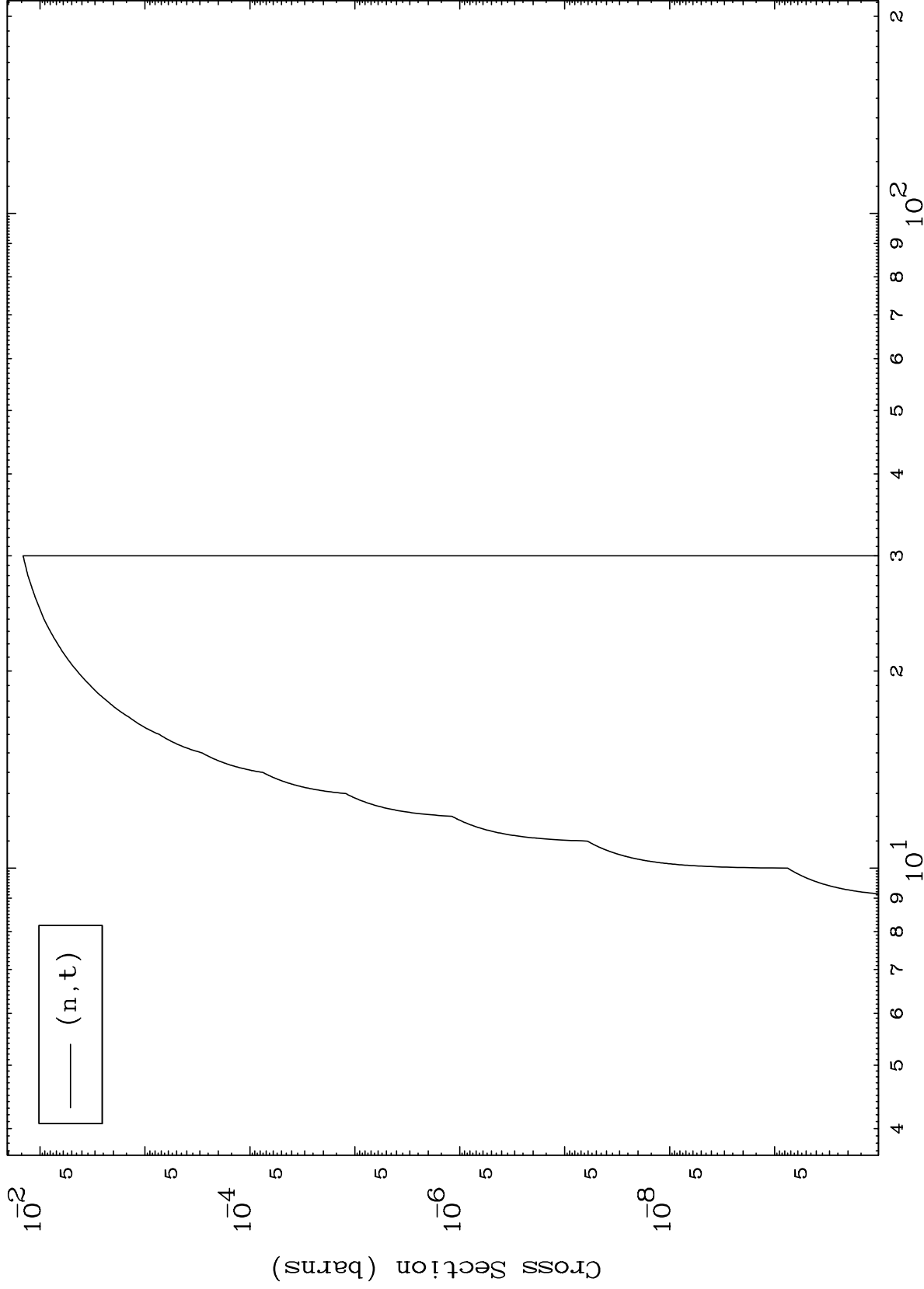


MAT 8084

(d, t) Levels

81-Tl-189m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

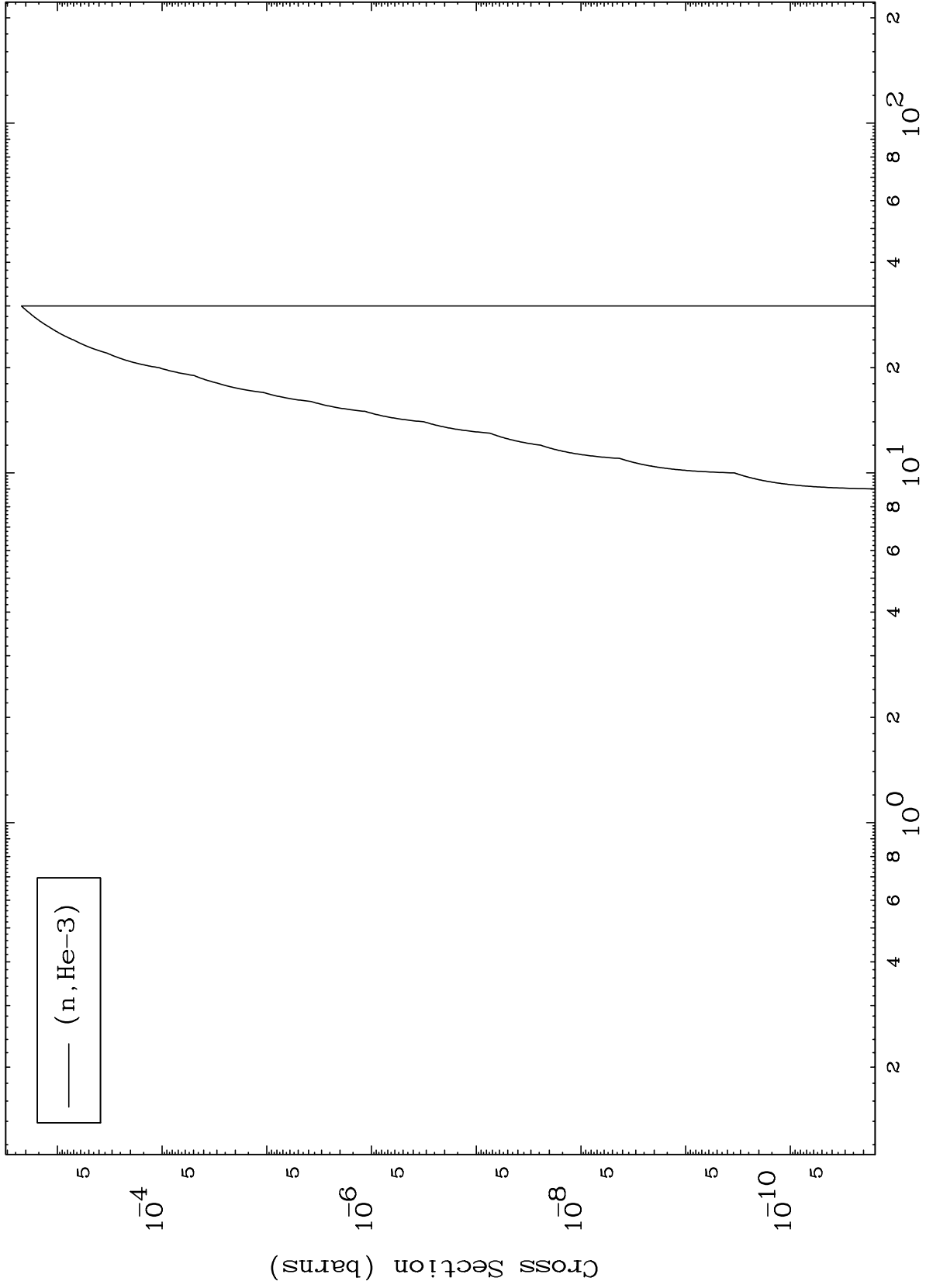
81-Tl-189m

MAT 8084

(d,He3) Levels

81-Tl-189m

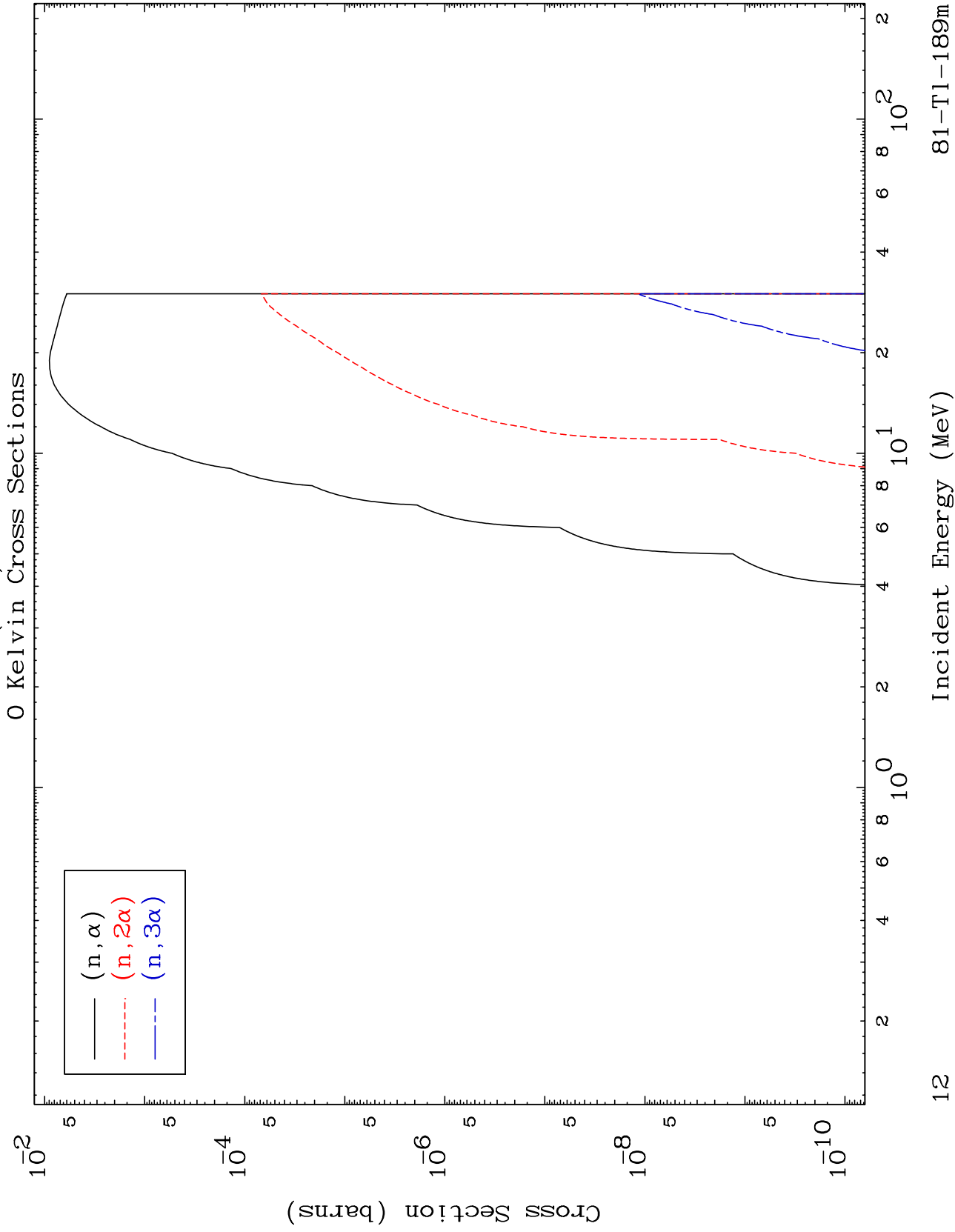
0 Kelvin Cross Sections

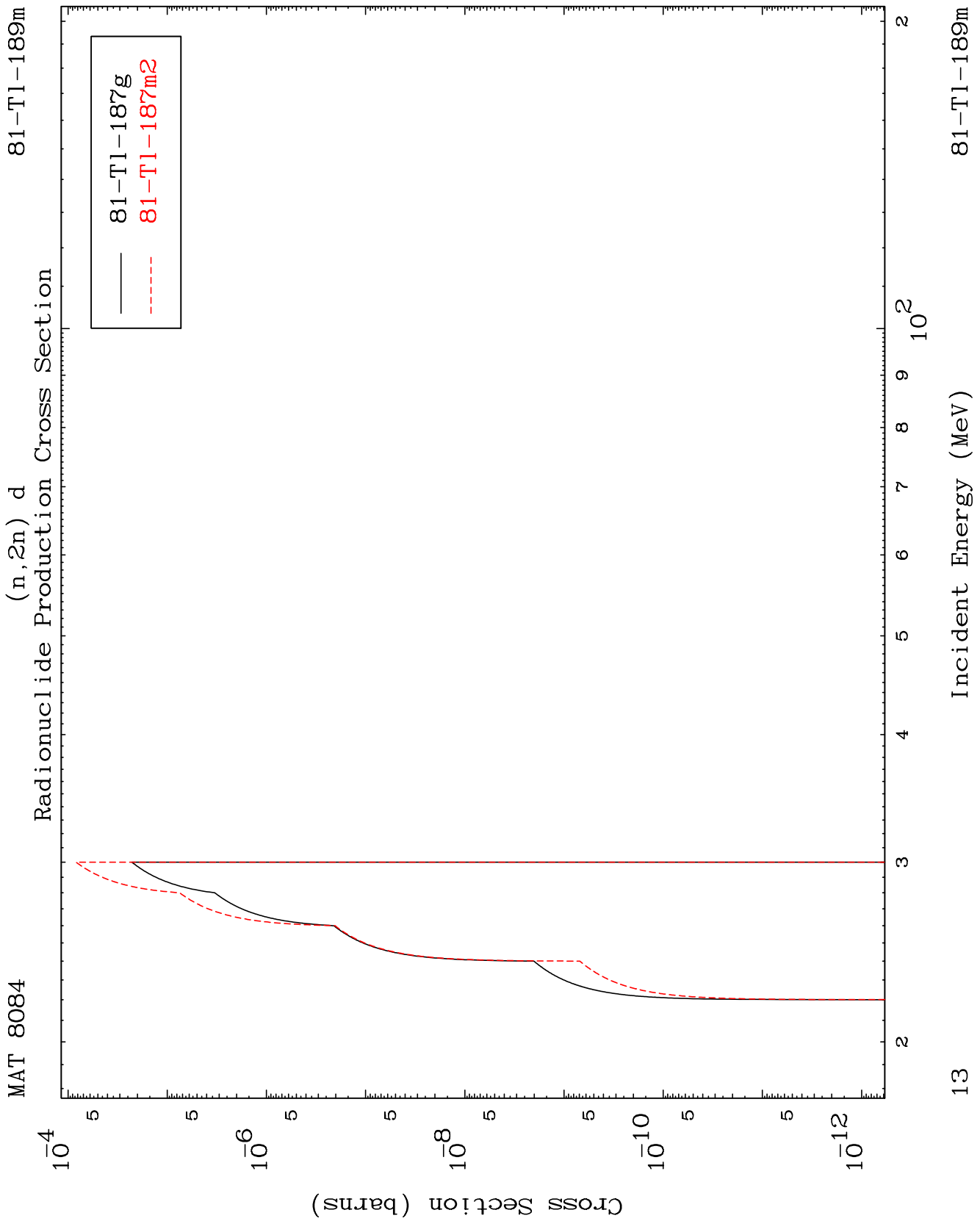


MAT 8084

(d, α) Levels

81-Tl-189m



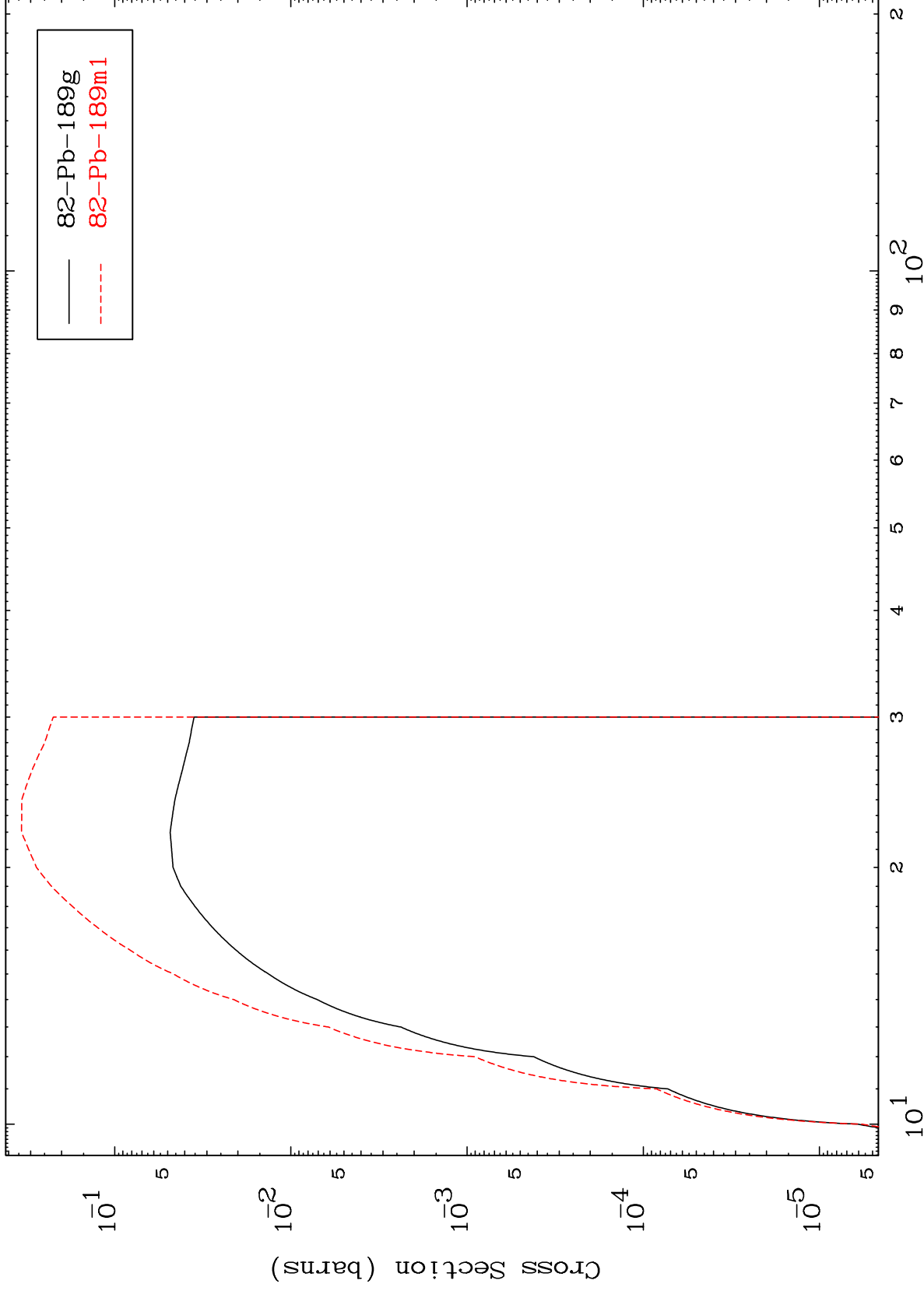


MAT 8084

(n,2n)

81-Tl-189m

Radionuclide Production Cross Section



Incident Energy (MeV)

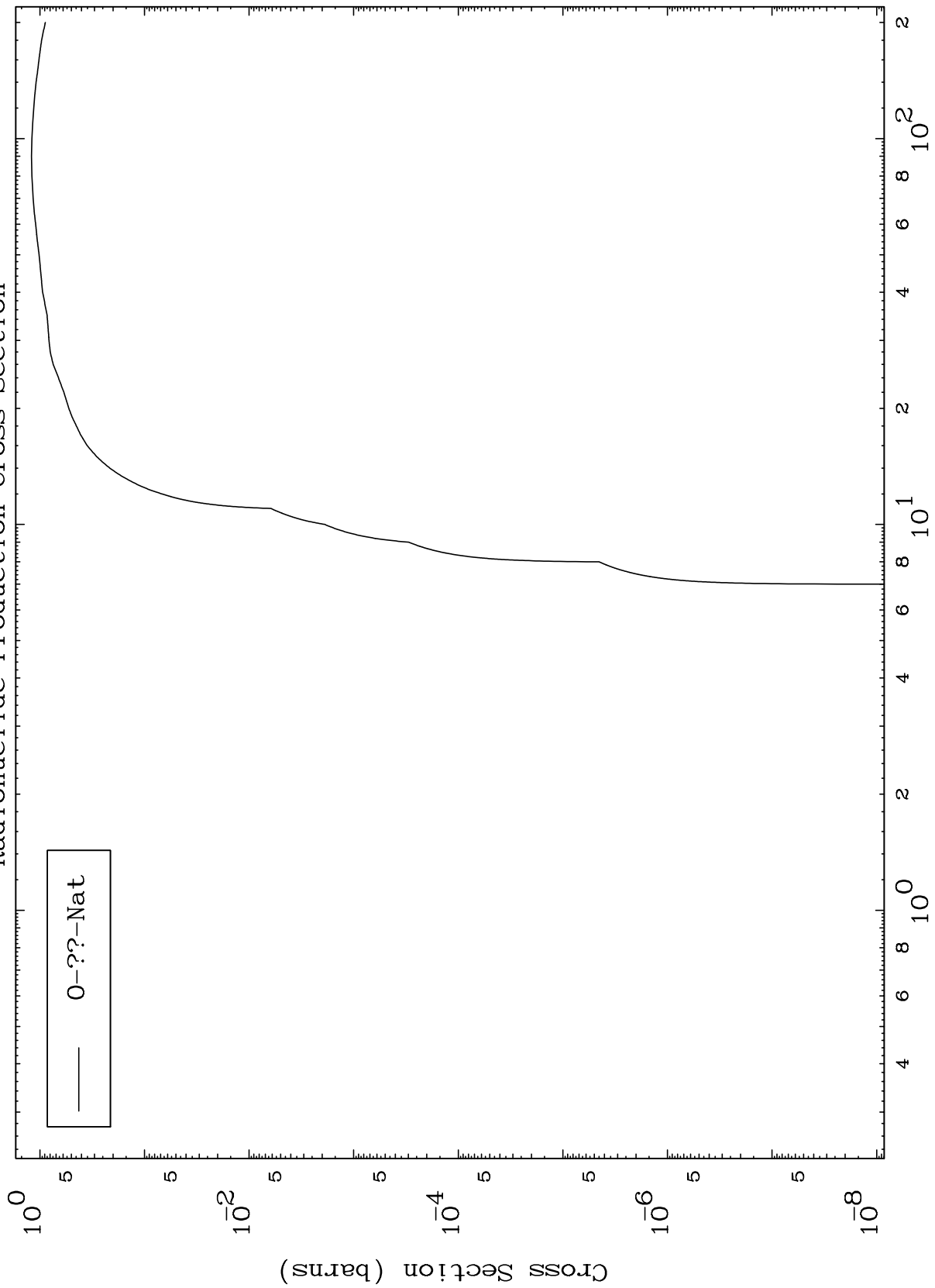
81-Tl-189m

MAT 8084

Fission

81-Tl-189m

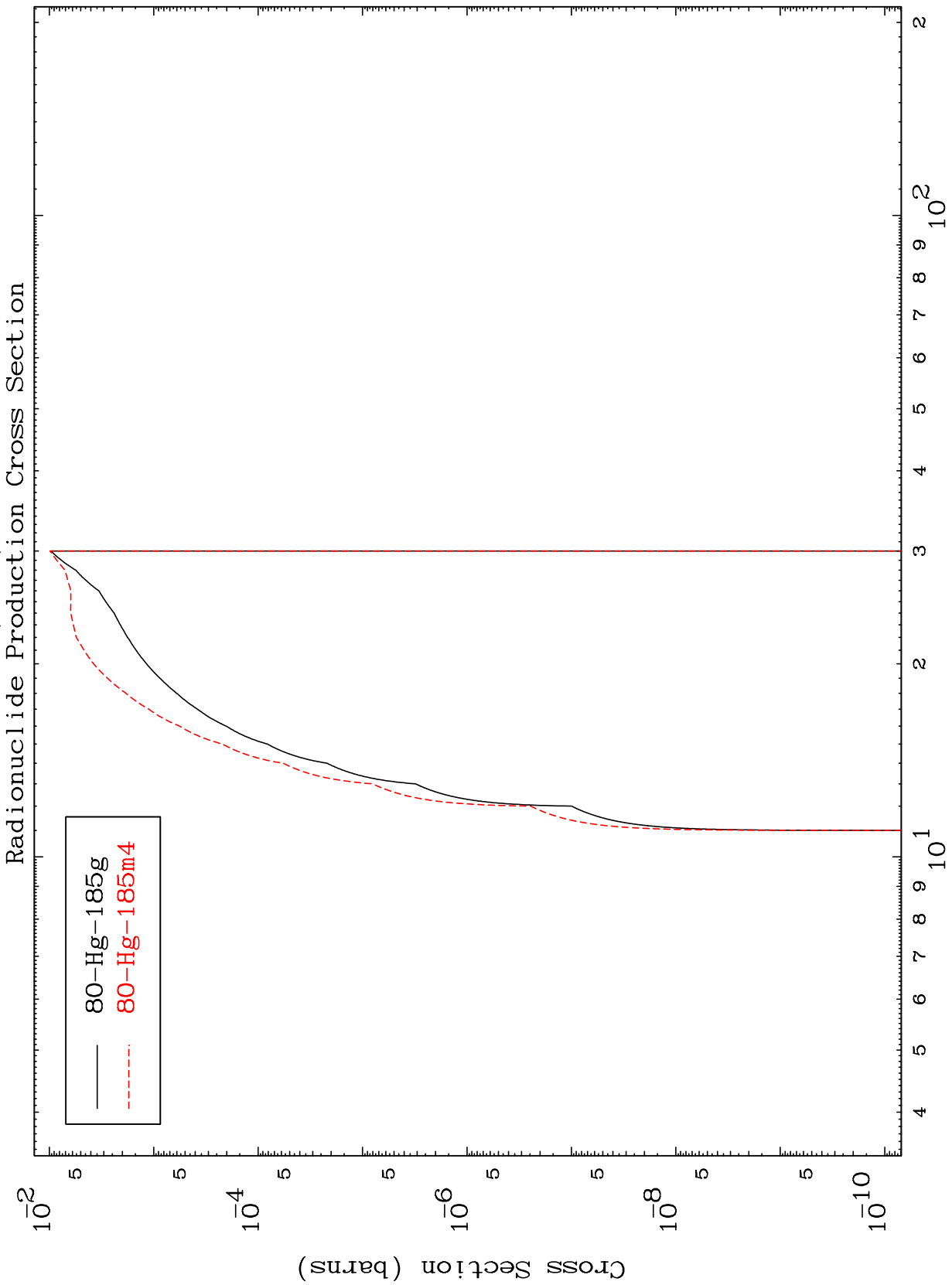
Radionuclide Production Cross Section



MAT 8084

(n,2n) α

81-Tl-189m

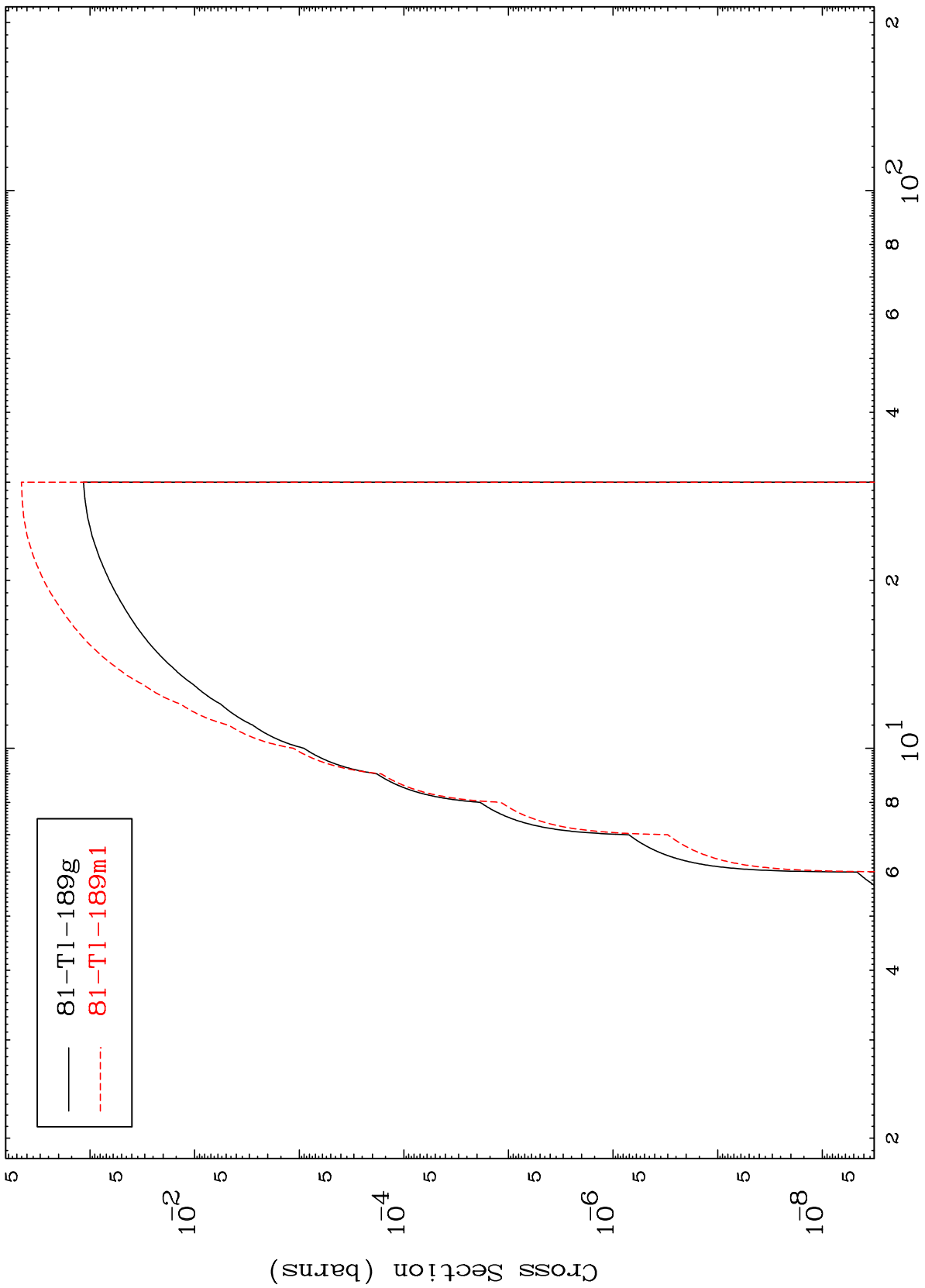


MAT 8084

(n,n') p

81-Tl-189m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

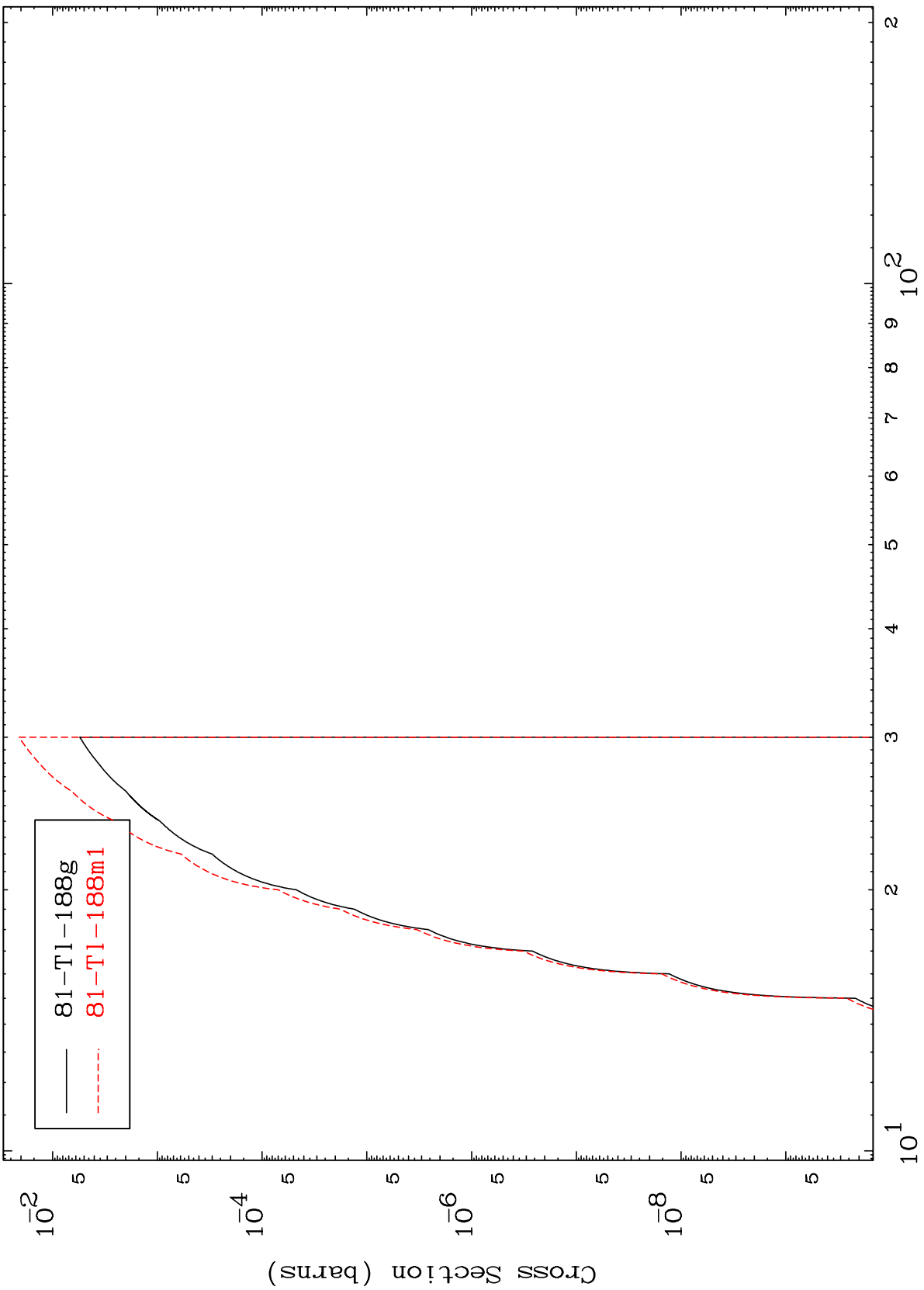
81-Tl-189m

MAT 8084

(n,n') d

81-Tl-189m

Radionuclide Production Cross Section



Incident Energy (MeV)

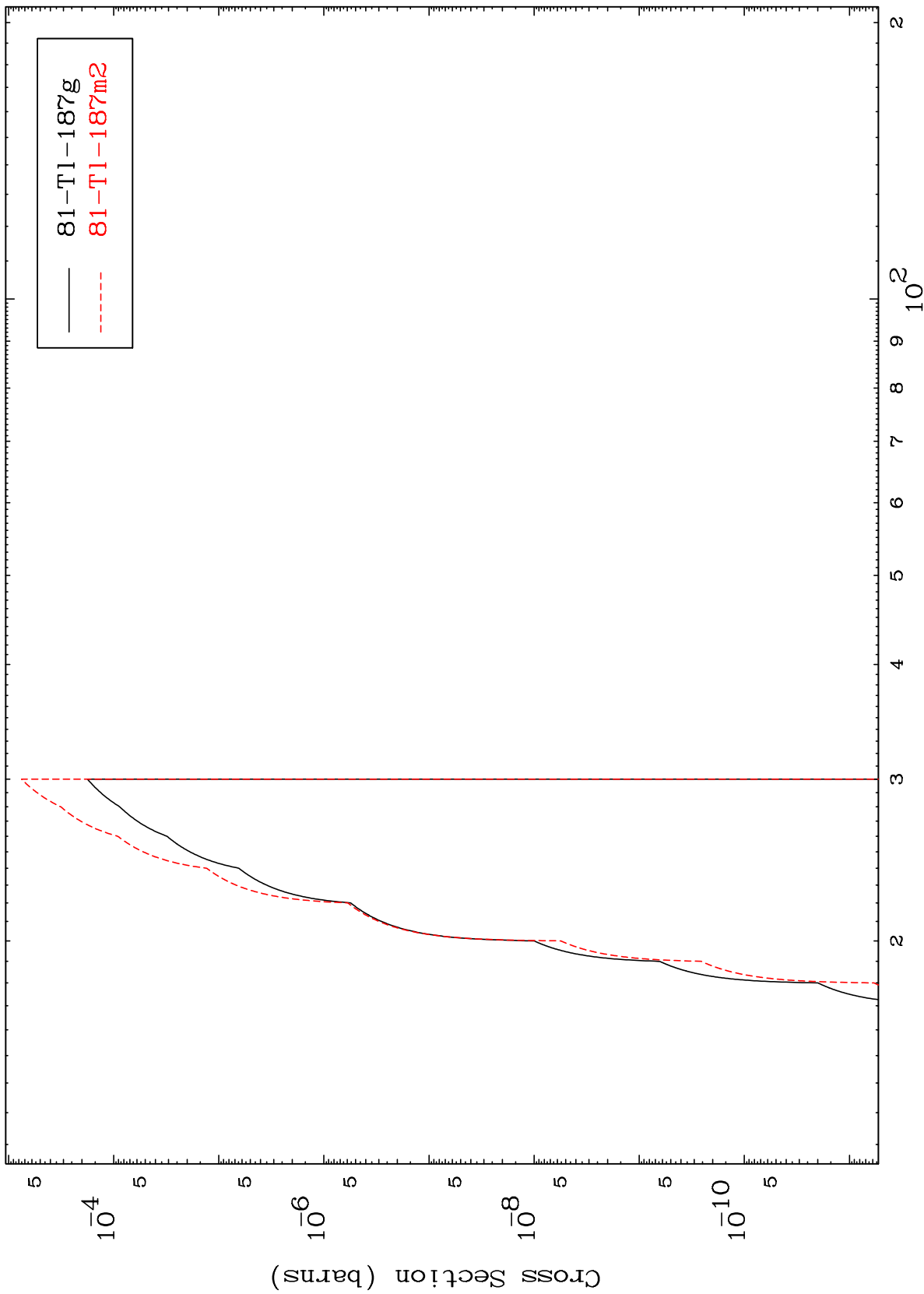
81-Tl-189m

MAT 8084

(n,n') t

81-Tl-189m

Radionuclide Production Cross Section

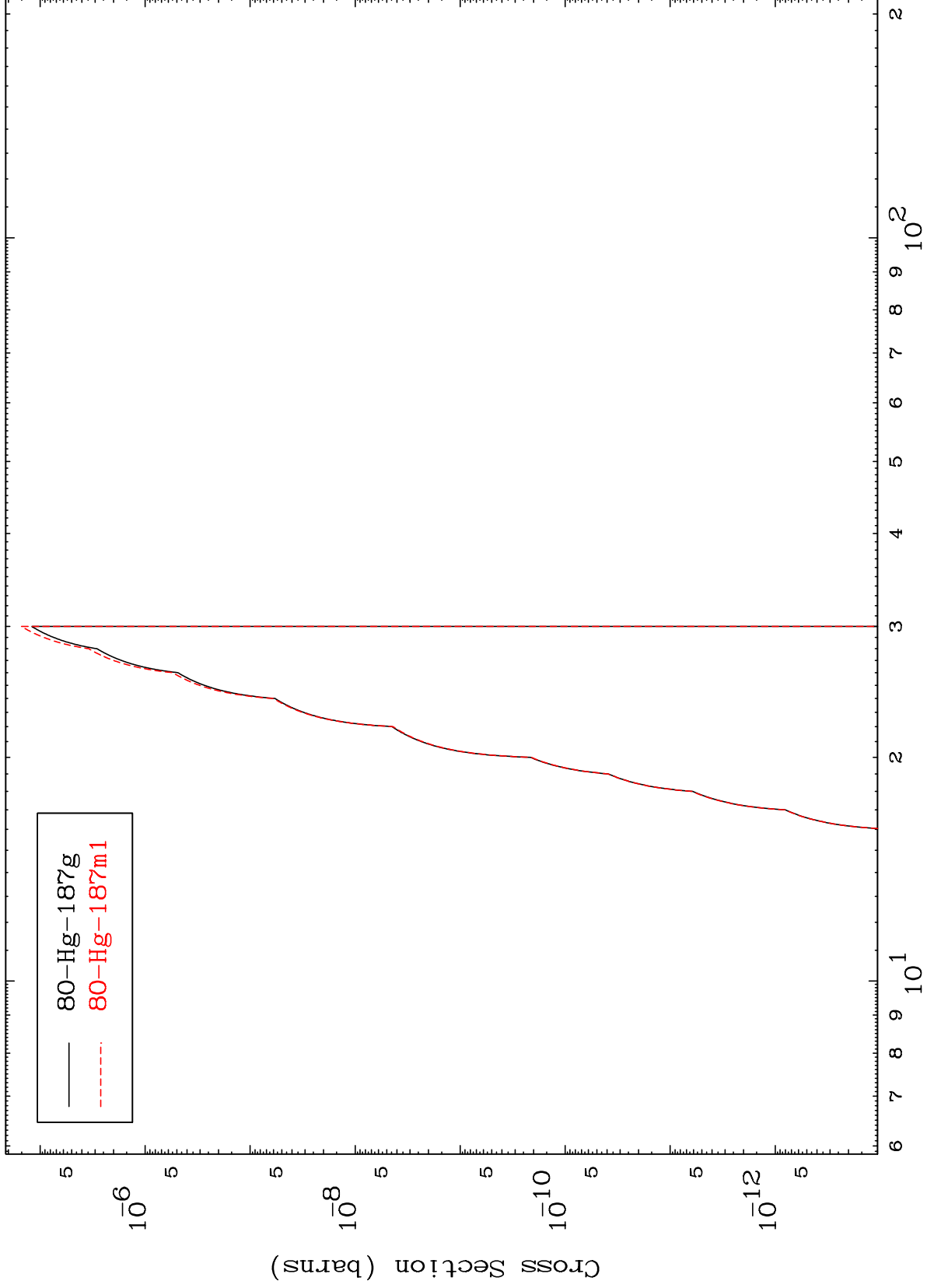


MAT 8084

(n,n') He-3

81-Tl-189m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

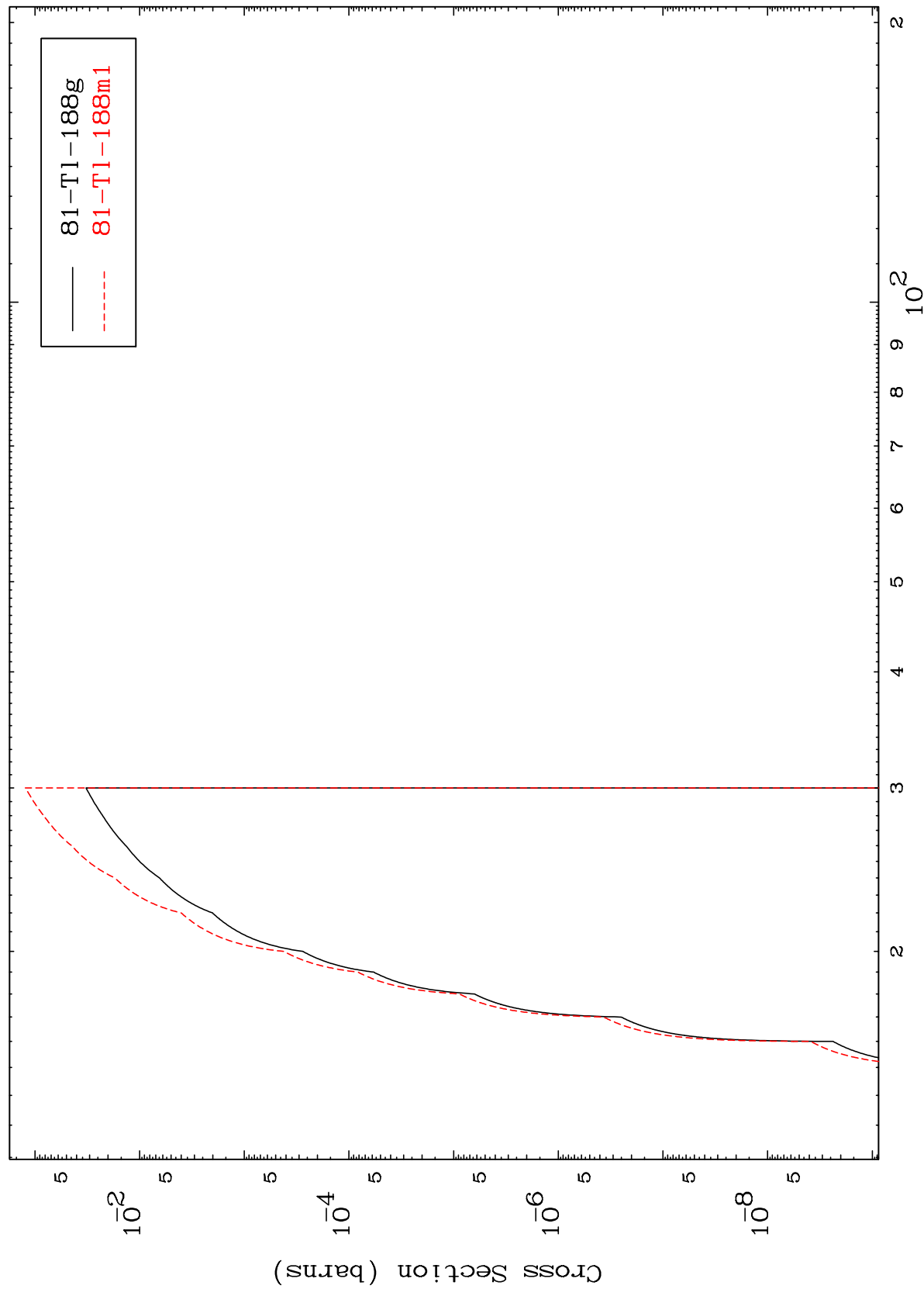
81-Tl-189m

MAT 8084

(n,2n) p

81-Tl-189m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

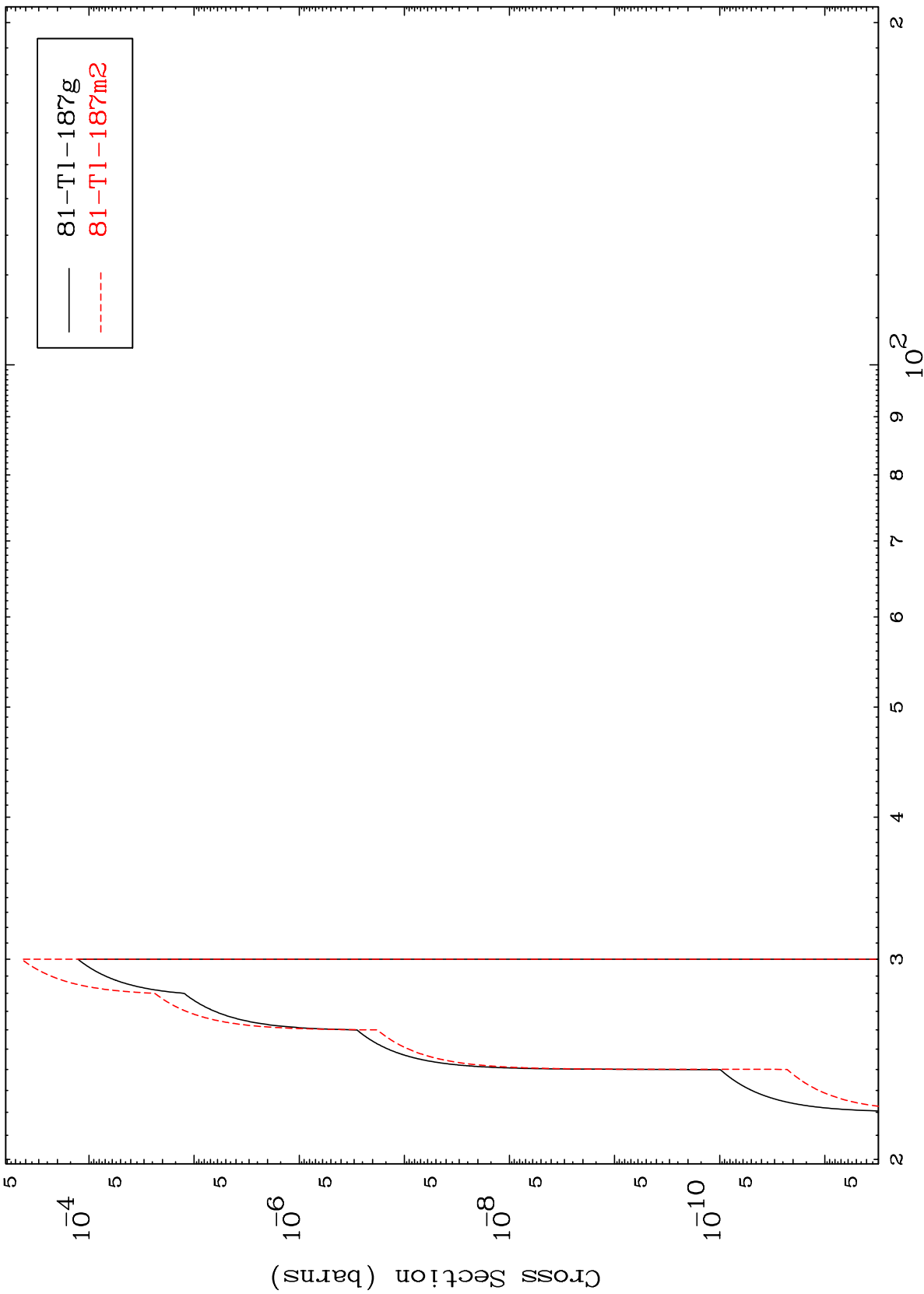
81-Tl-189m

MAT 8084

(n,3n) p

81-Tl-189m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

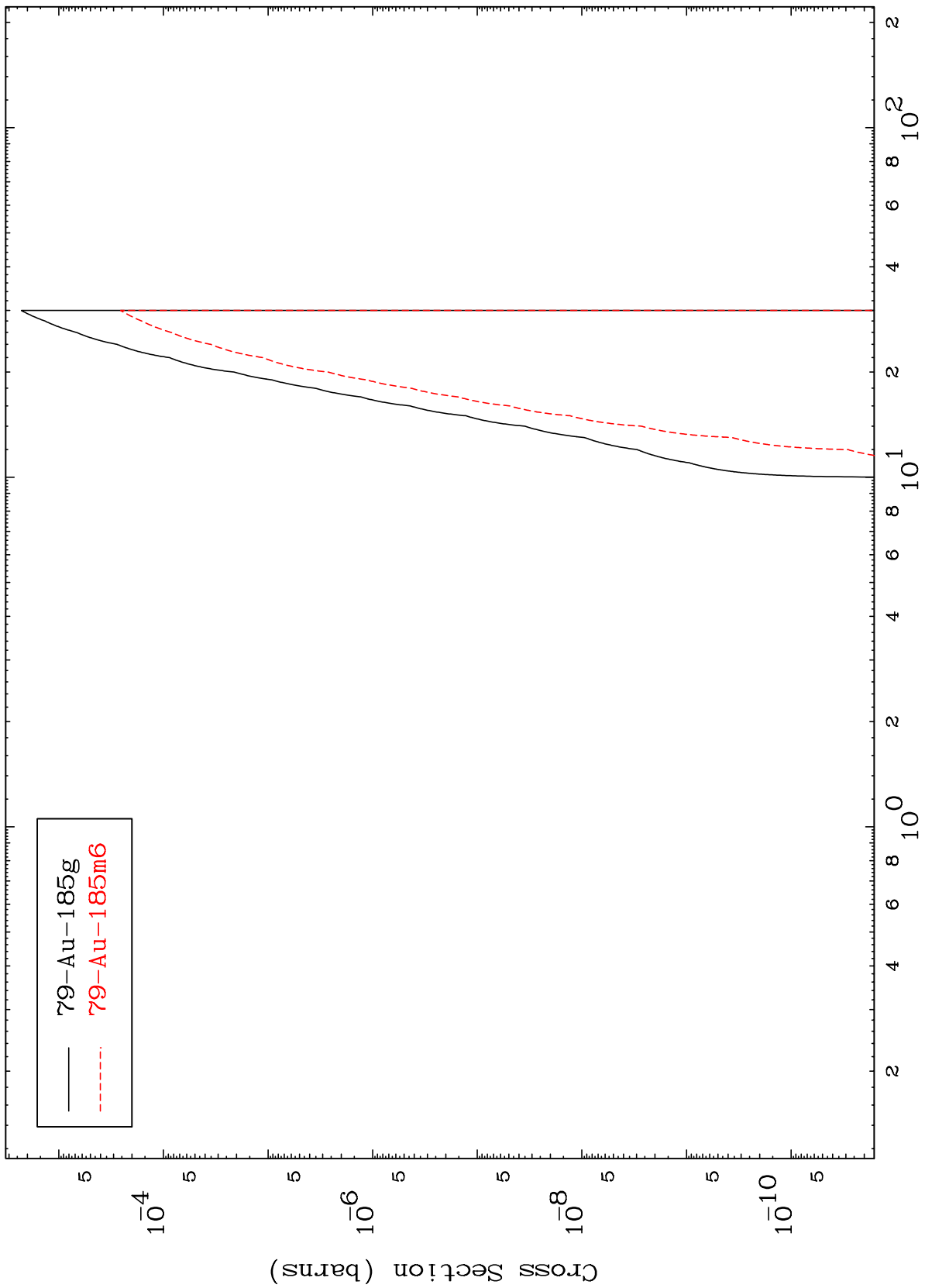
81-Tl-189m

MAT 8084

(n,n') p α

81-Tl-189m

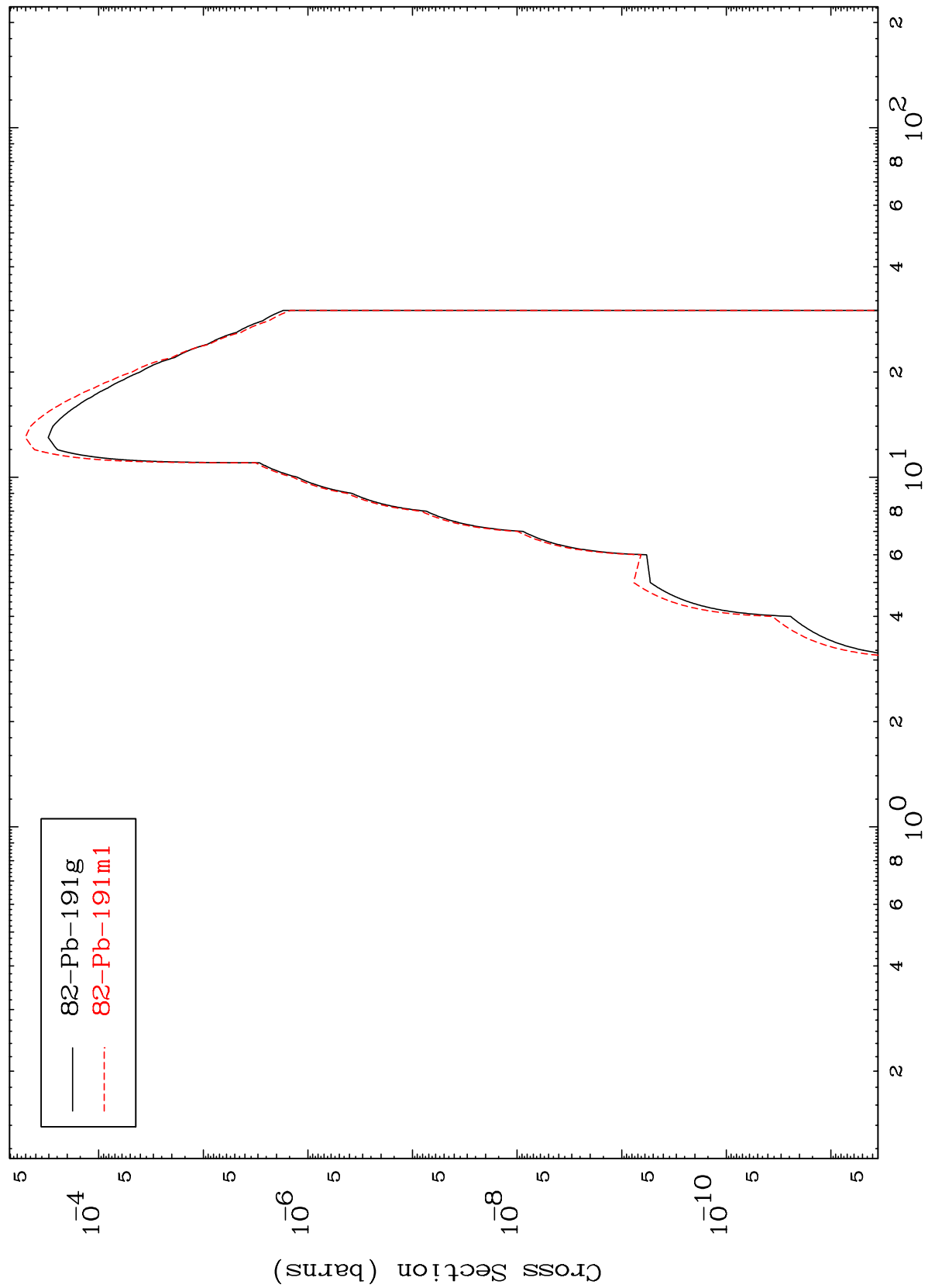
Radionuclide Production Cross Section



MAT 8084

81-Tl-189m

Radionuclide Production Cross Section
(n, γ)



— 82-Pb-191g
- - - 82-Pb-191m1

81-Tl-189m

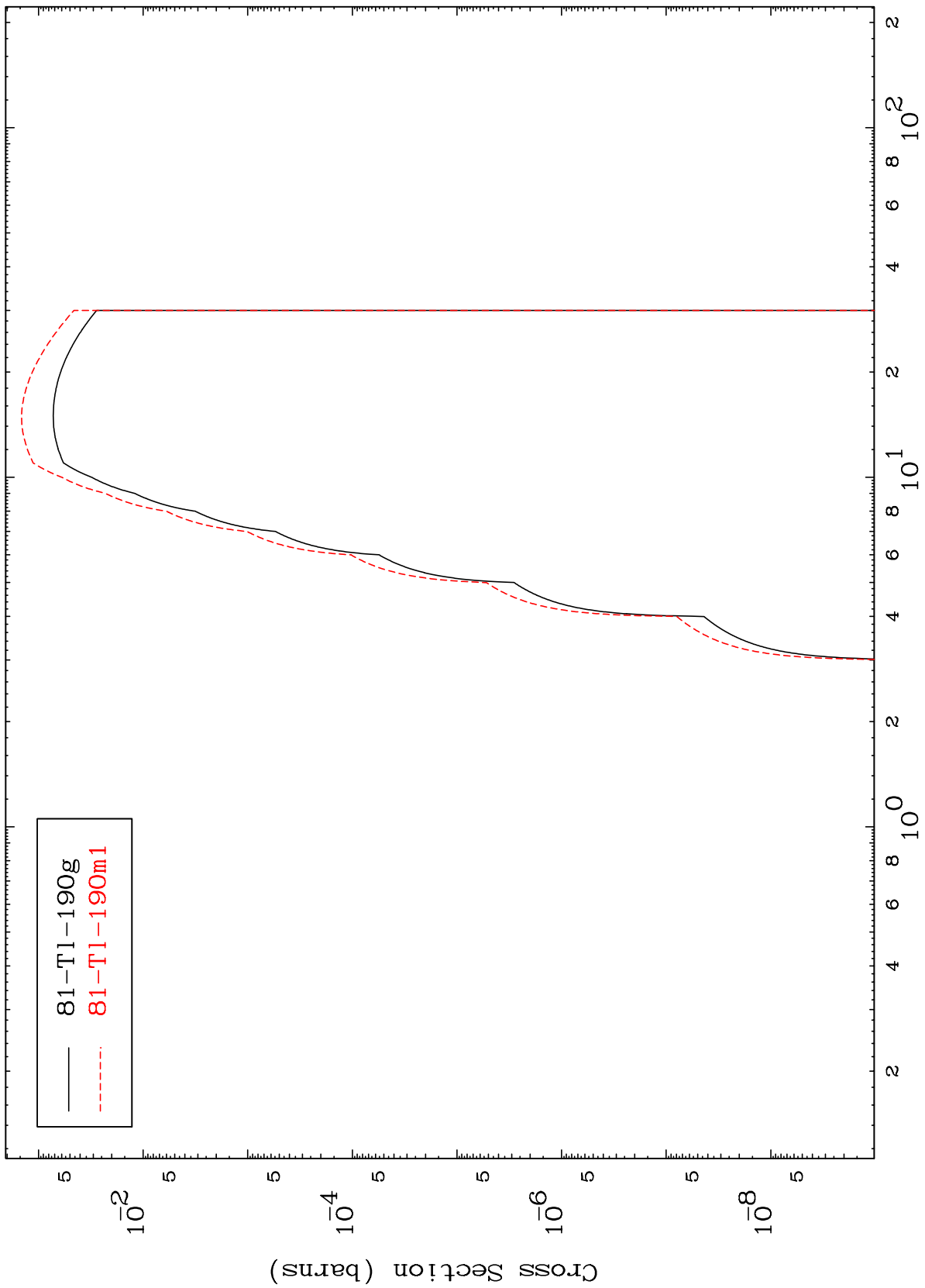
Incident Energy (MeV)

24

MAT 8084

81-Tl-189m

(n,p)
Radionuclide Production Cross Section



81-Tl-189m

Incident Energy (MeV)

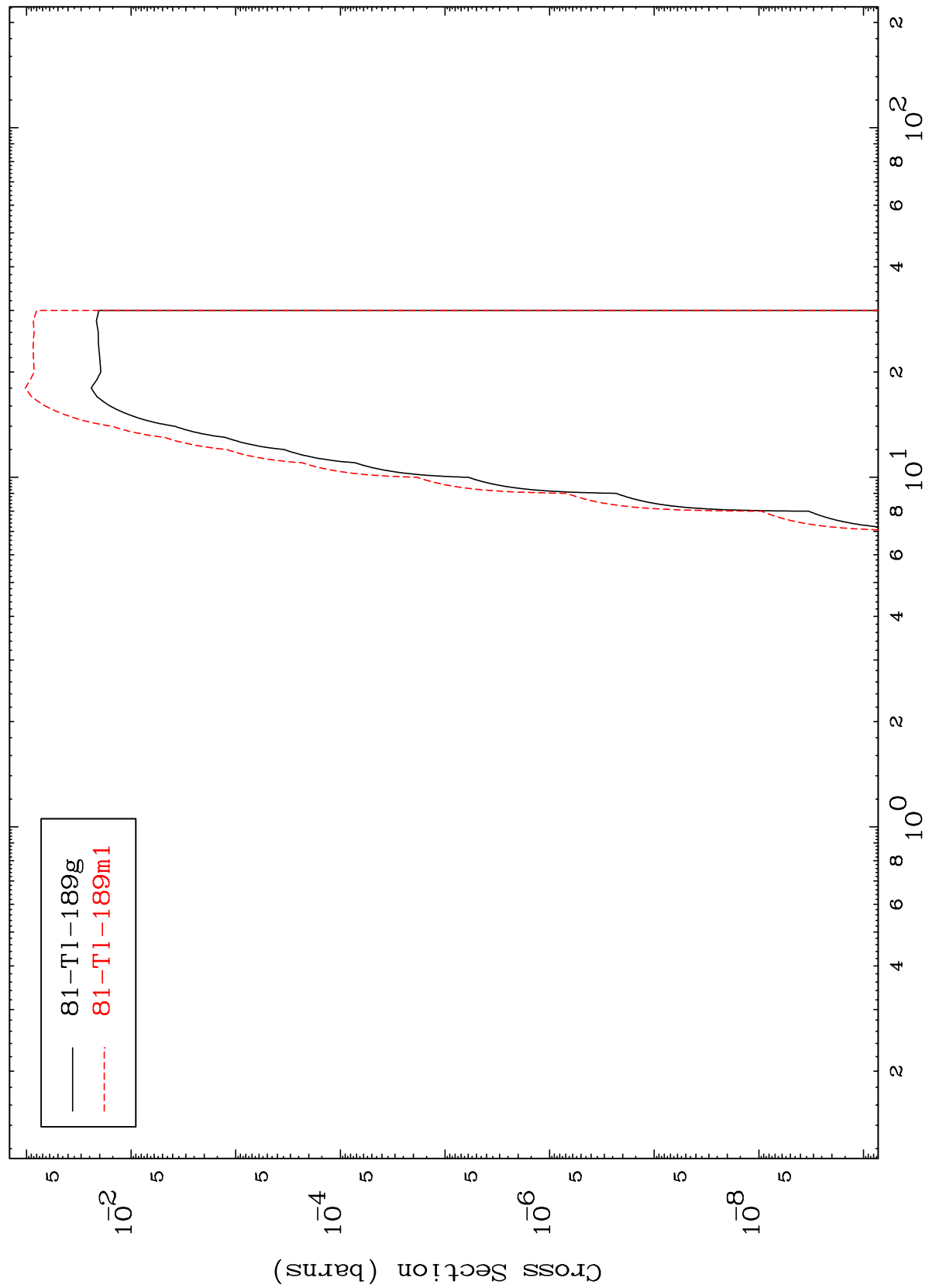
25

MAT 8084

(n,d)

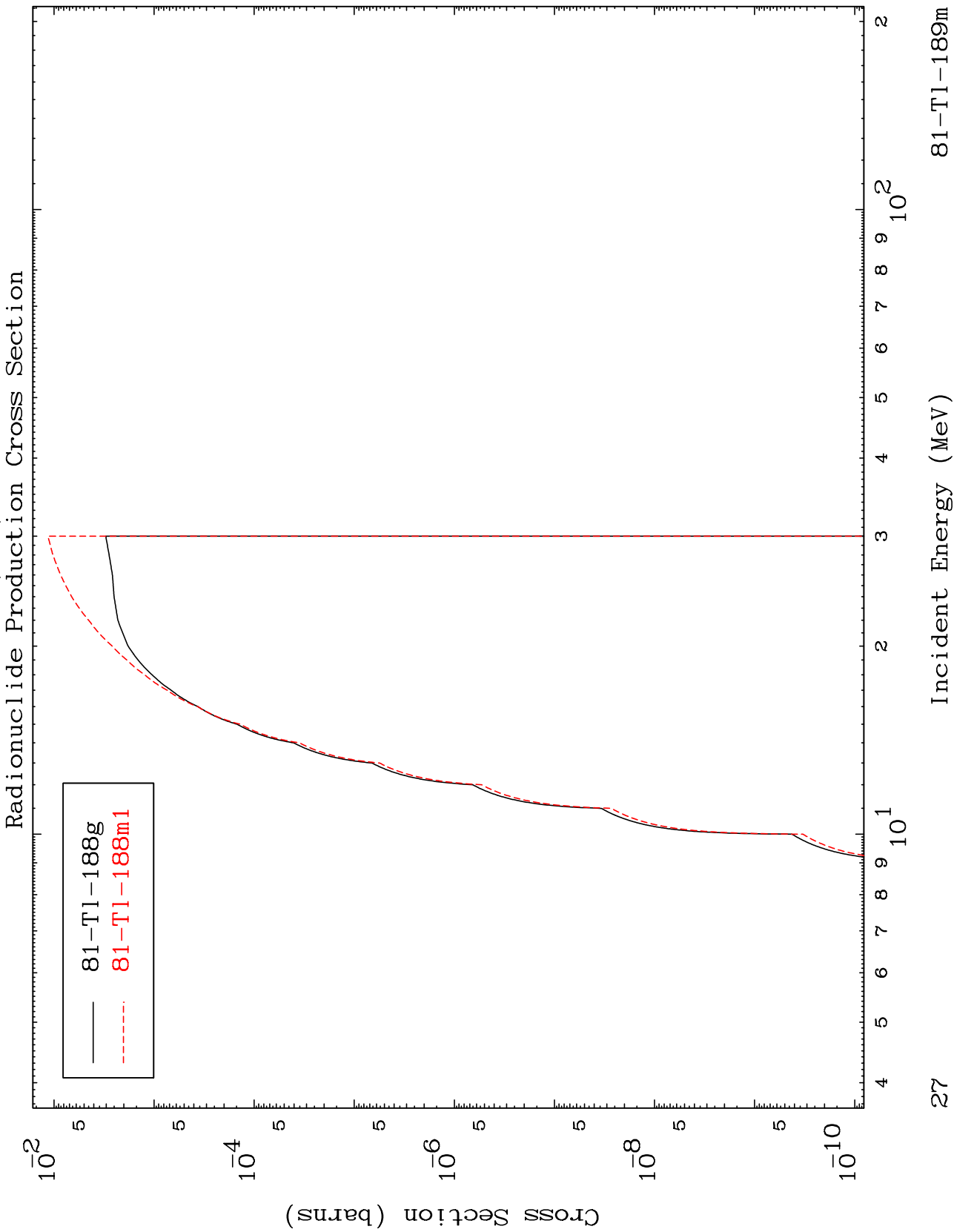
81-Tl-189m

Radionuclide Production Cross Section



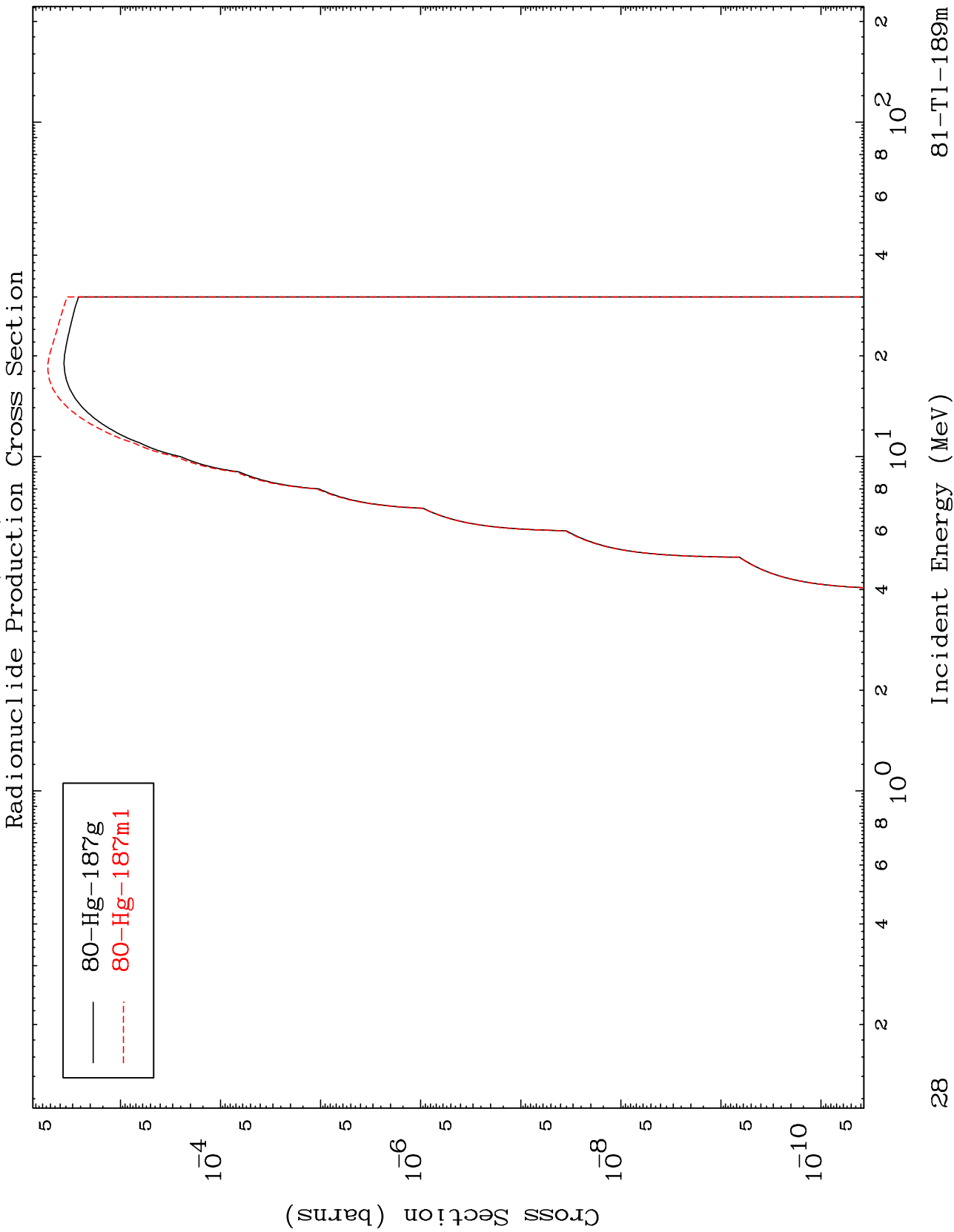
MAT 8084

81-Tl-189m



MAT 8084

81-Tl-189m

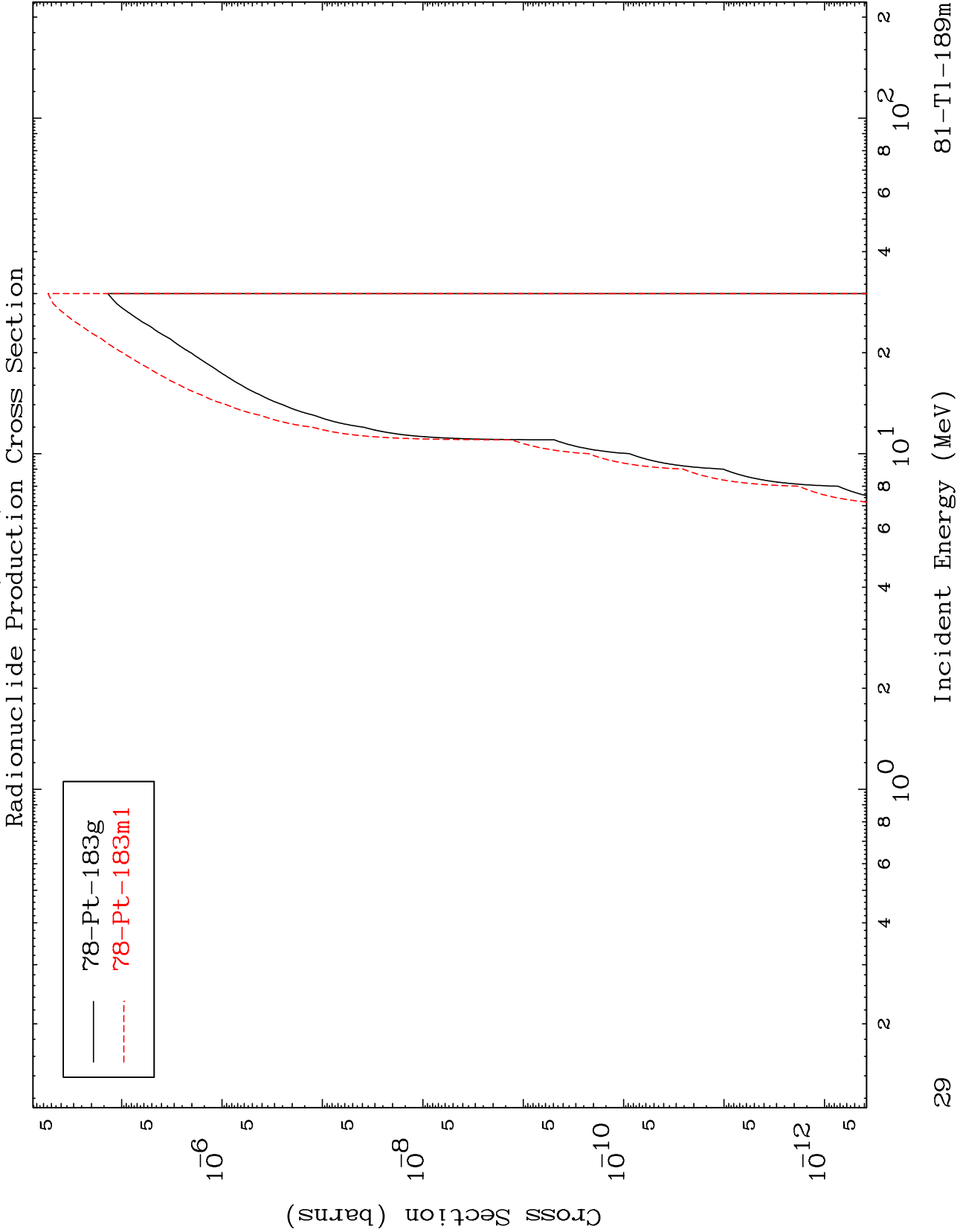


— 80-Hg-187g
- - - 80-Hg-187m1

MAT 8084

(n,2α)

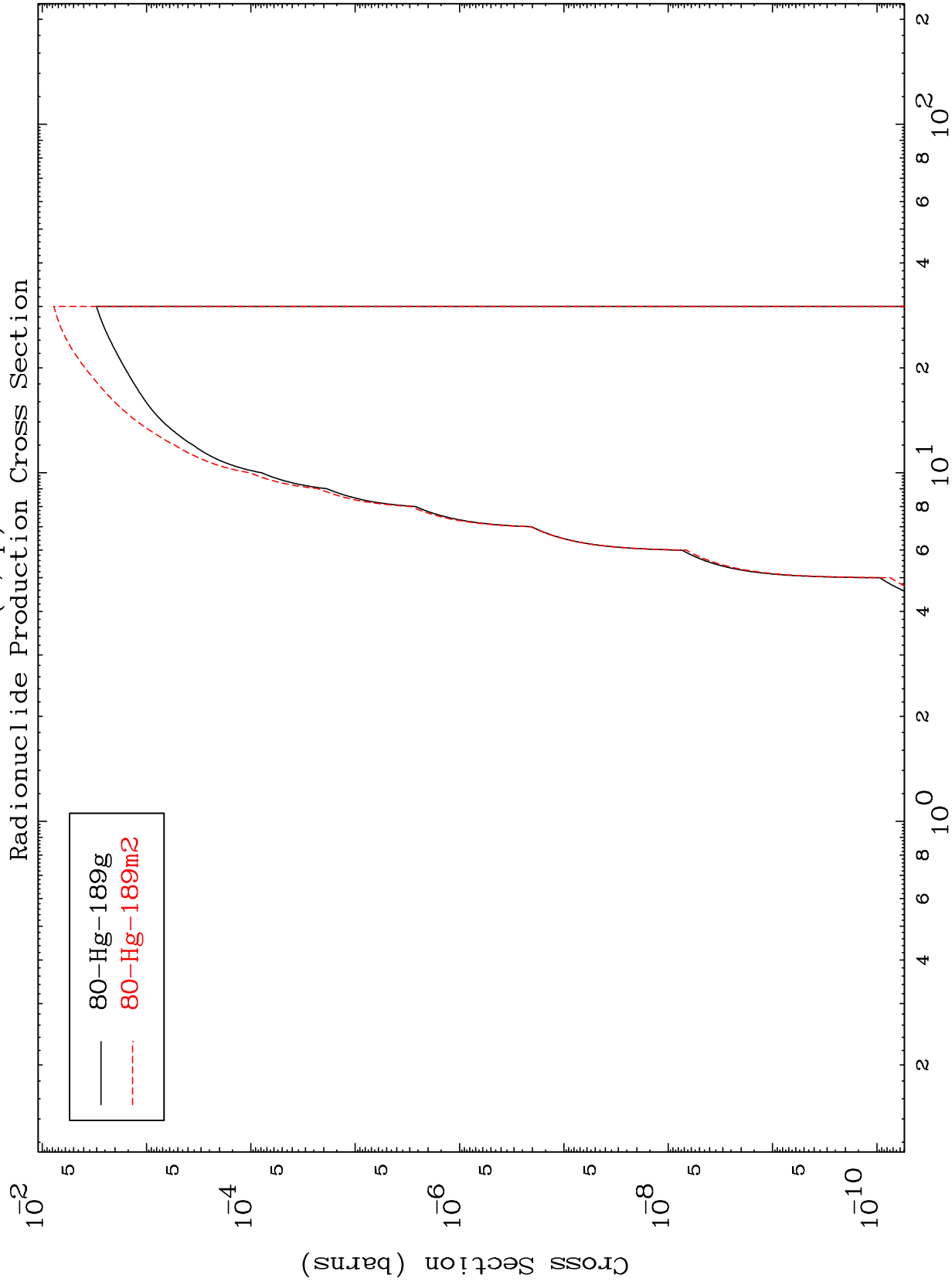
81-Tl-189m



MAT 8084

(n,2p)

81-Tl-189m



30

Incident Energy (MeV)

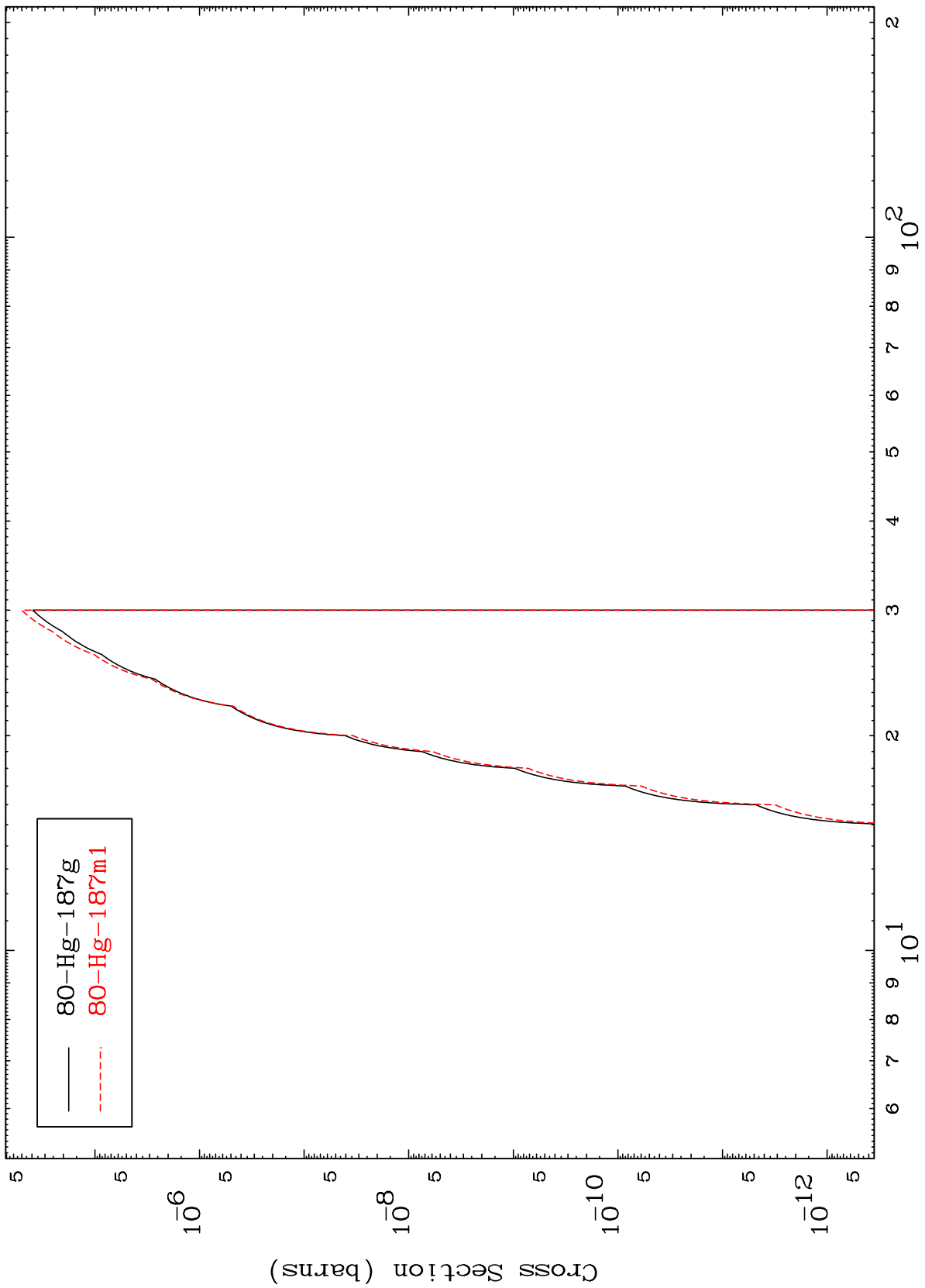
81-Tl-189m

MAT 8084

(n,p) t

81-Tl-189m

Radionuclide Production Cross Section



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

MAT 8084

(n,d) α

81-Tl-189m

