

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

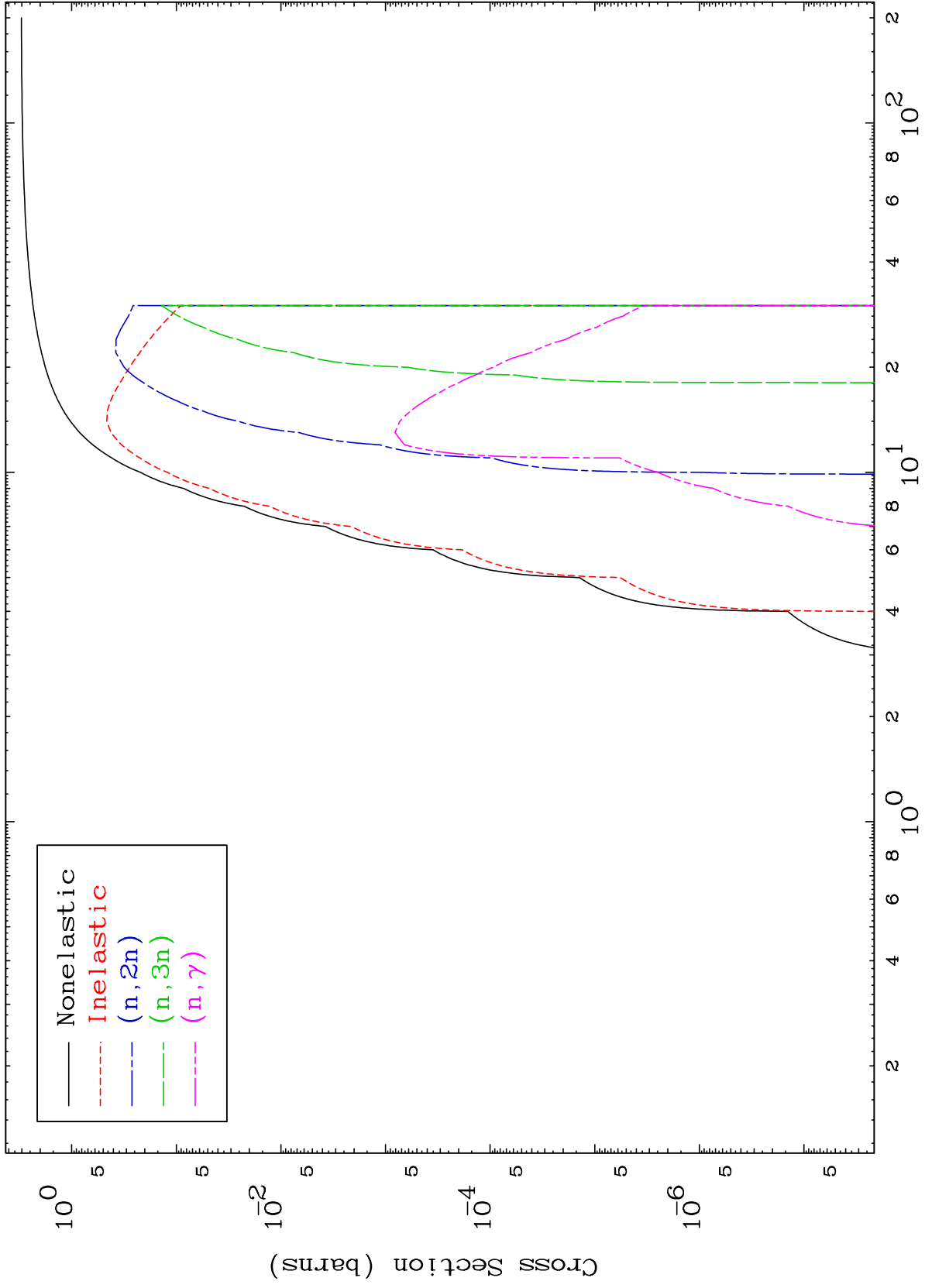
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

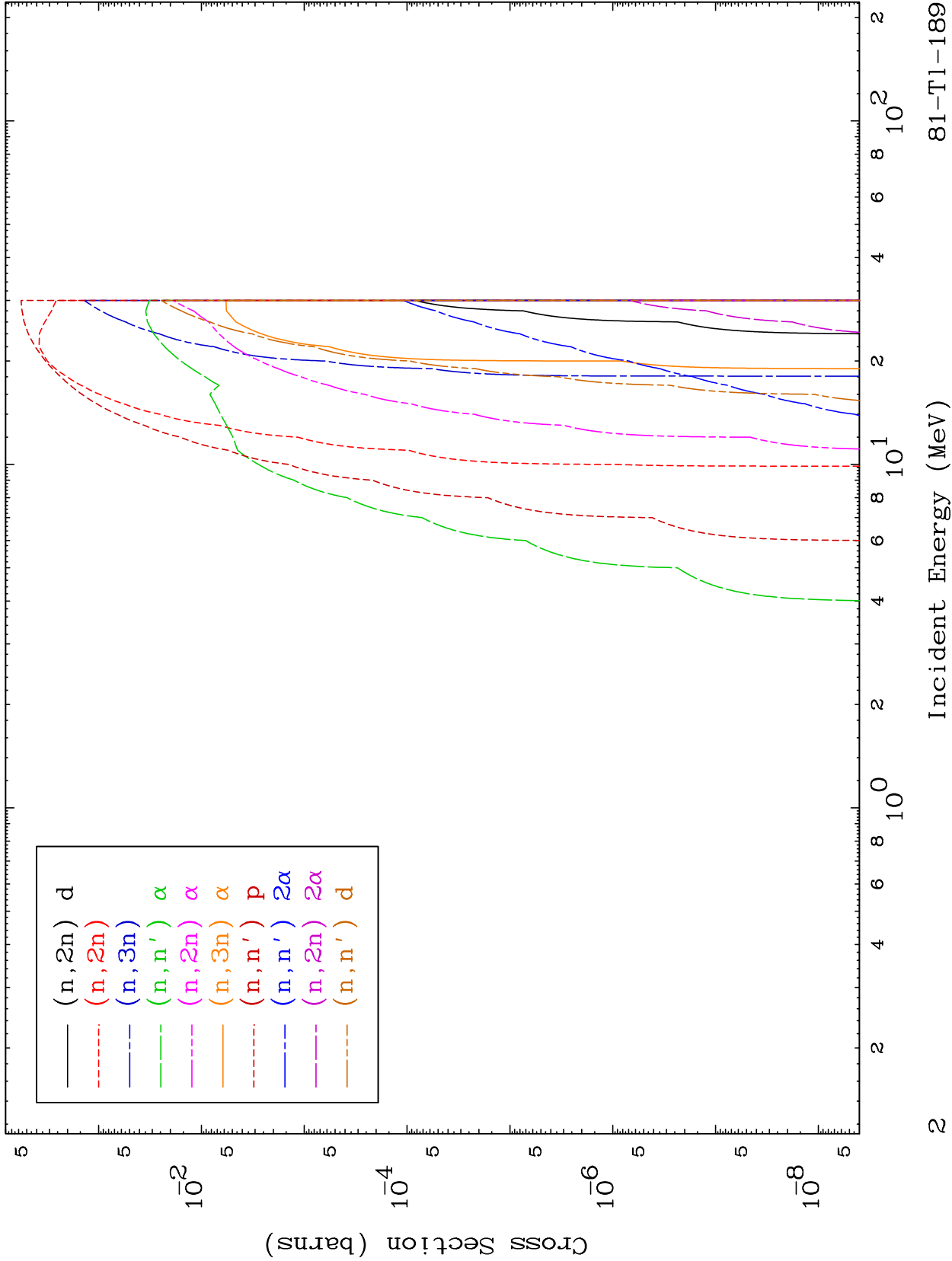
Tele: 925-443-1911

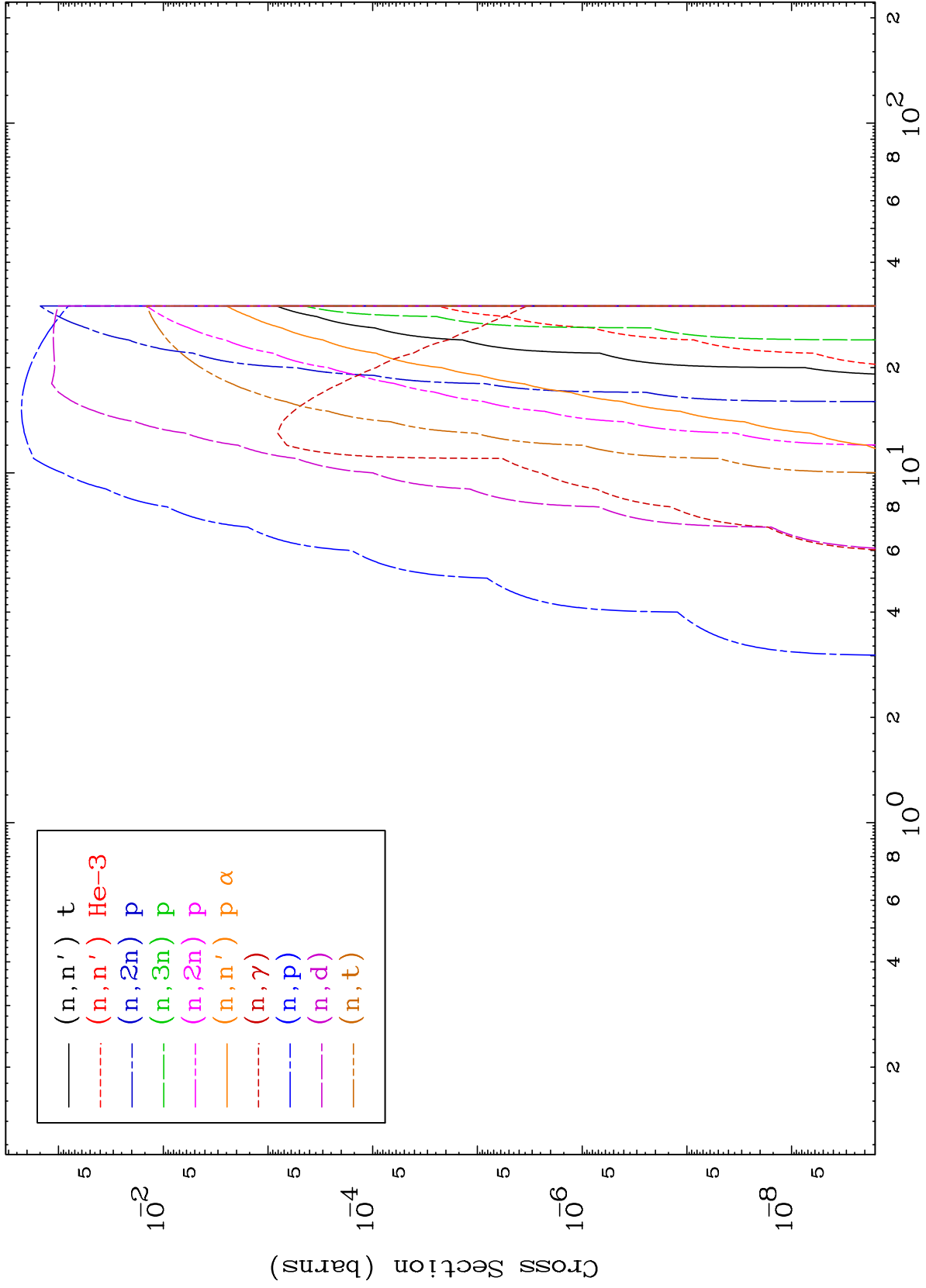
E.Mail:redcullen1@comcast.net

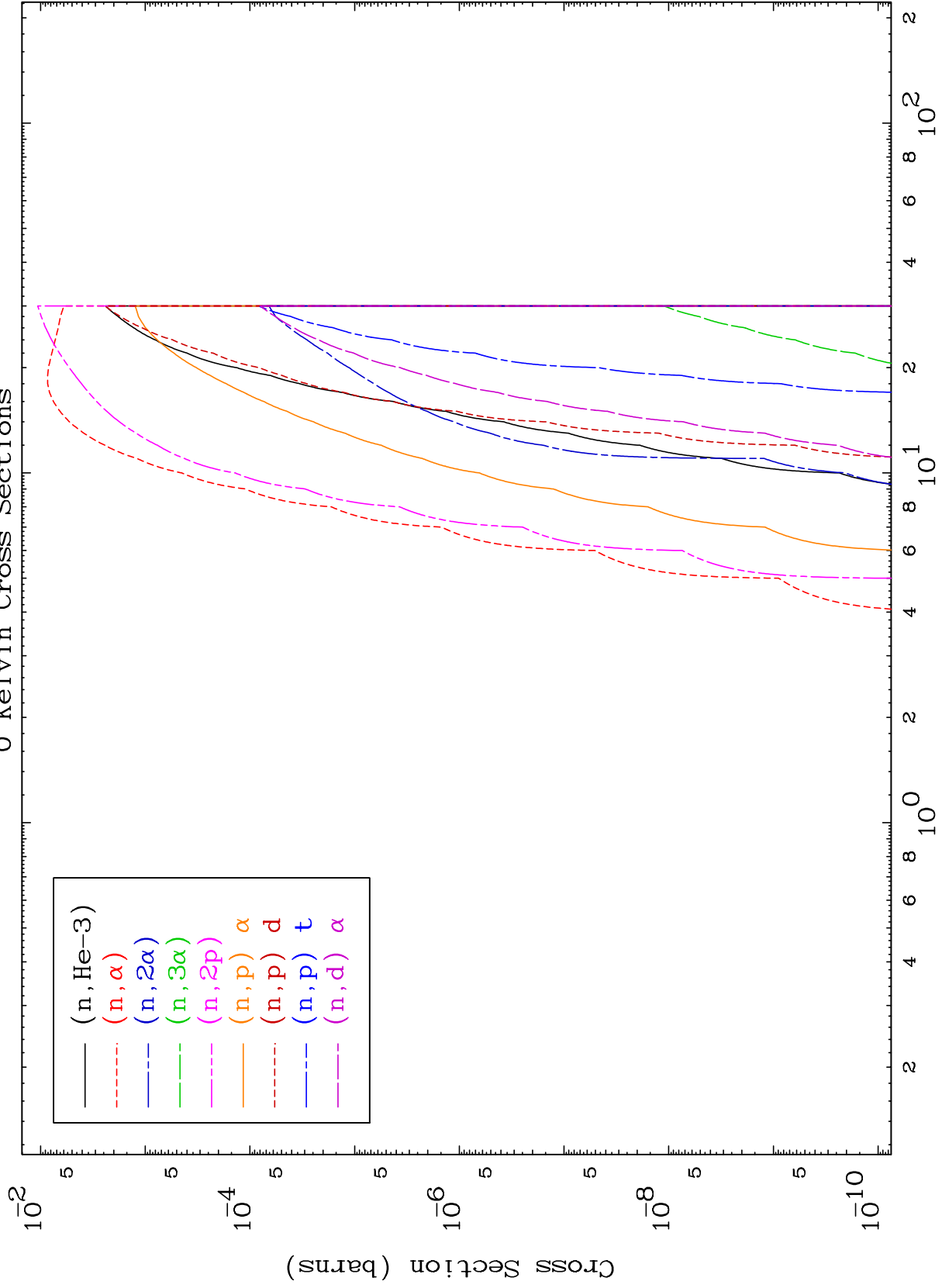
Web:redcullen1.net/HOMEPAGE.NEW

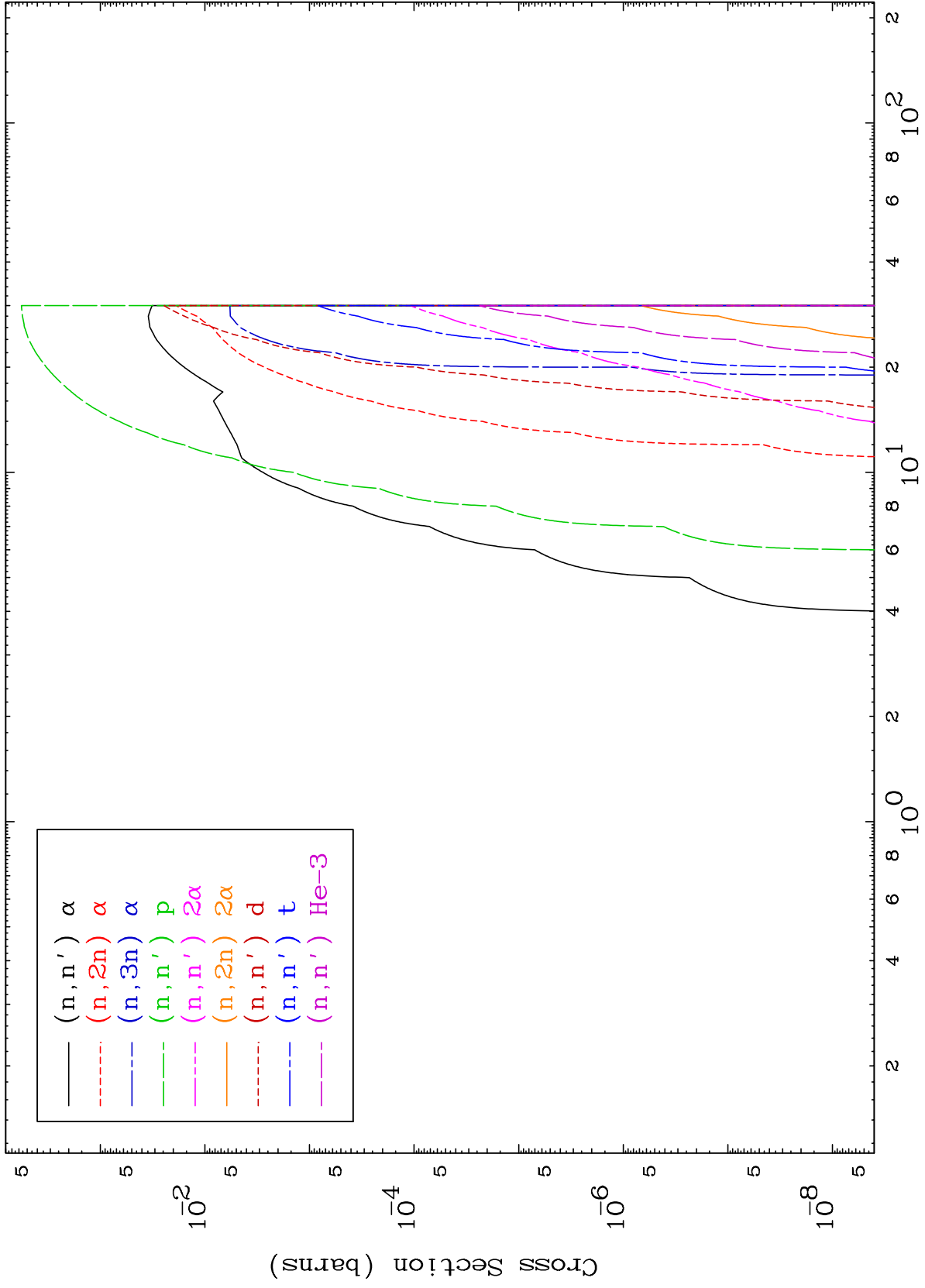
Press Mouse Button to Start

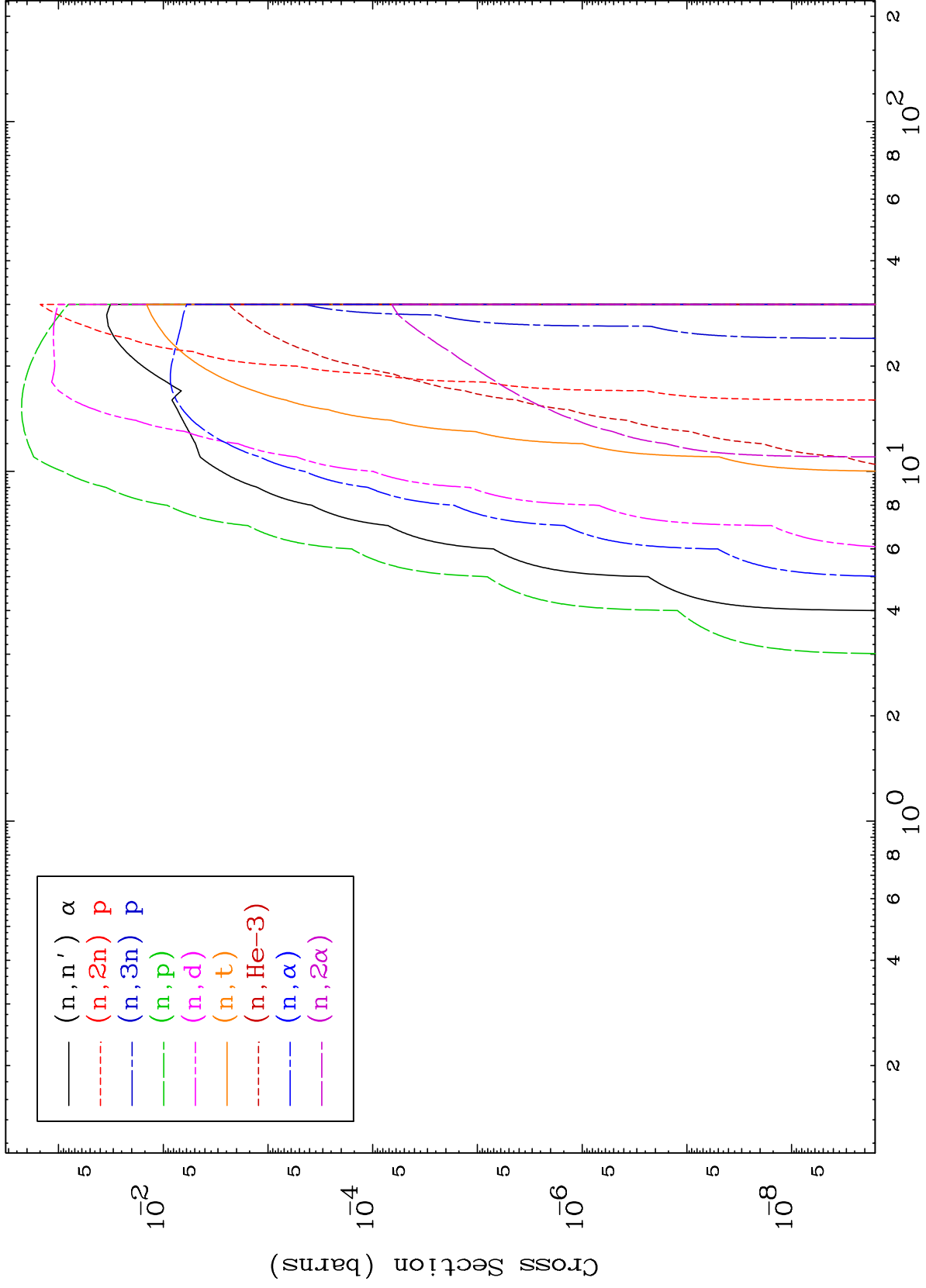


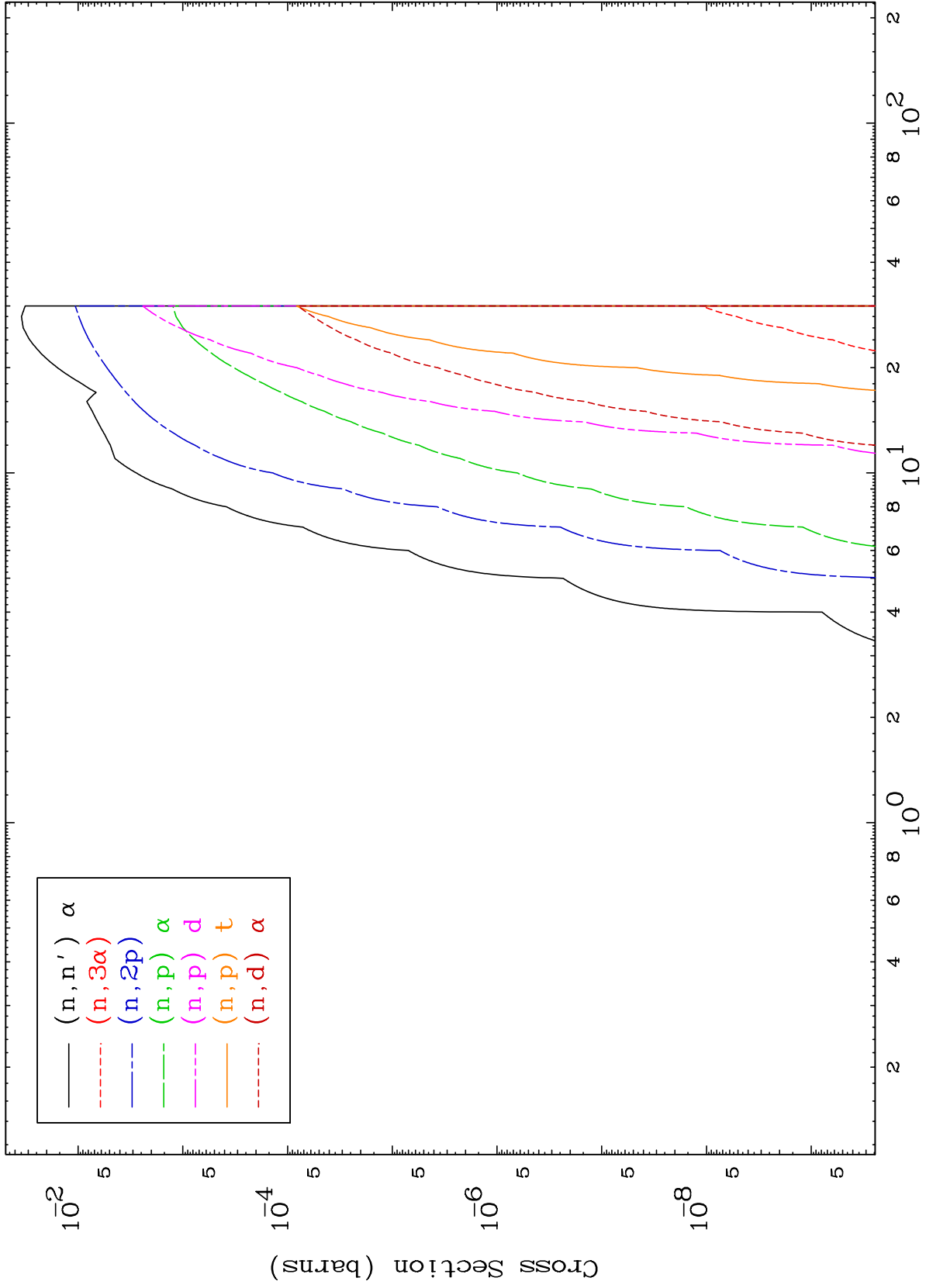










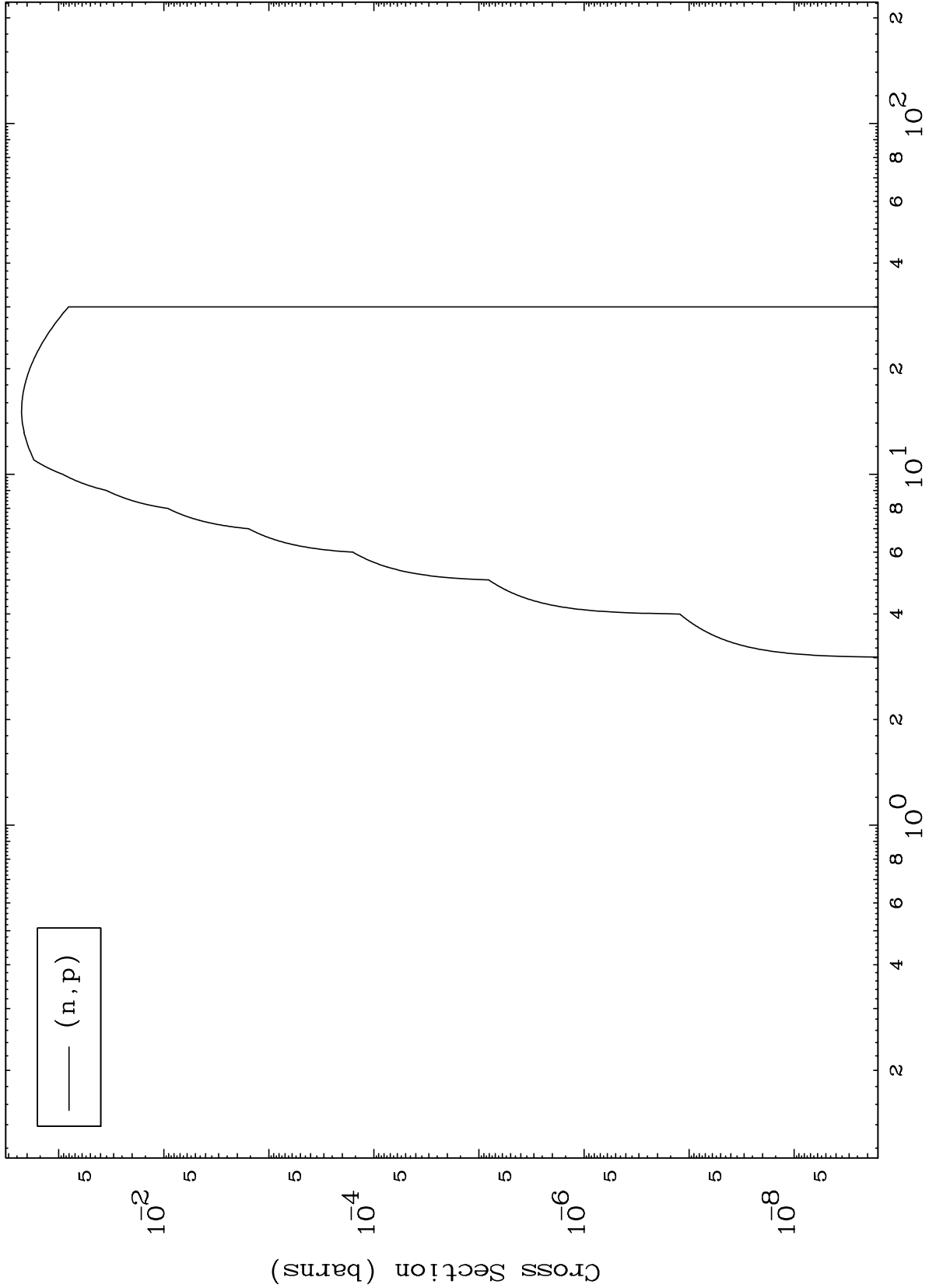


MAT 8083

(d,p) Levels

81-Tl-189

0 Kelvin Cross Sections

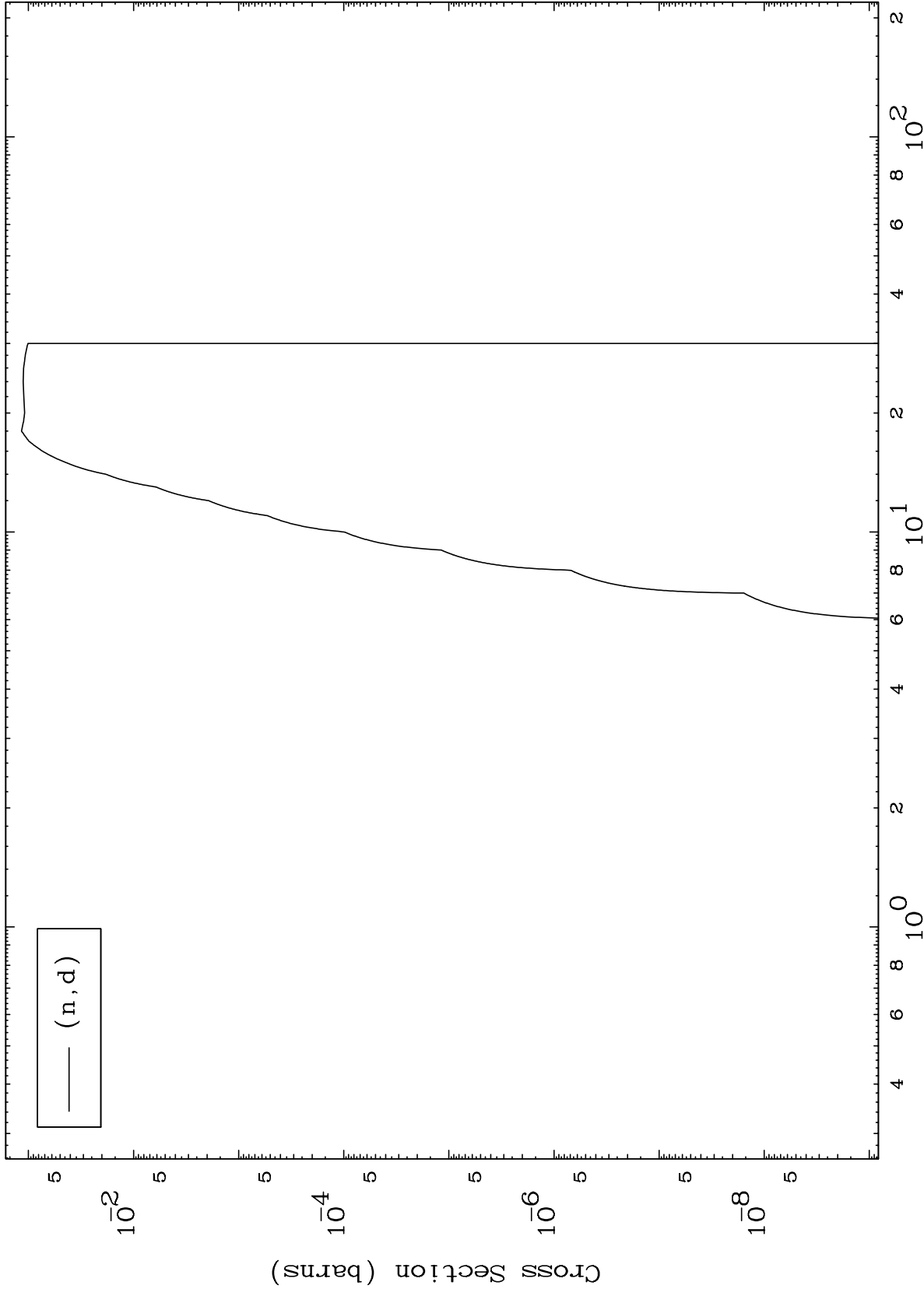


MAT 8083

(d,d) Levels

81-Tl-189

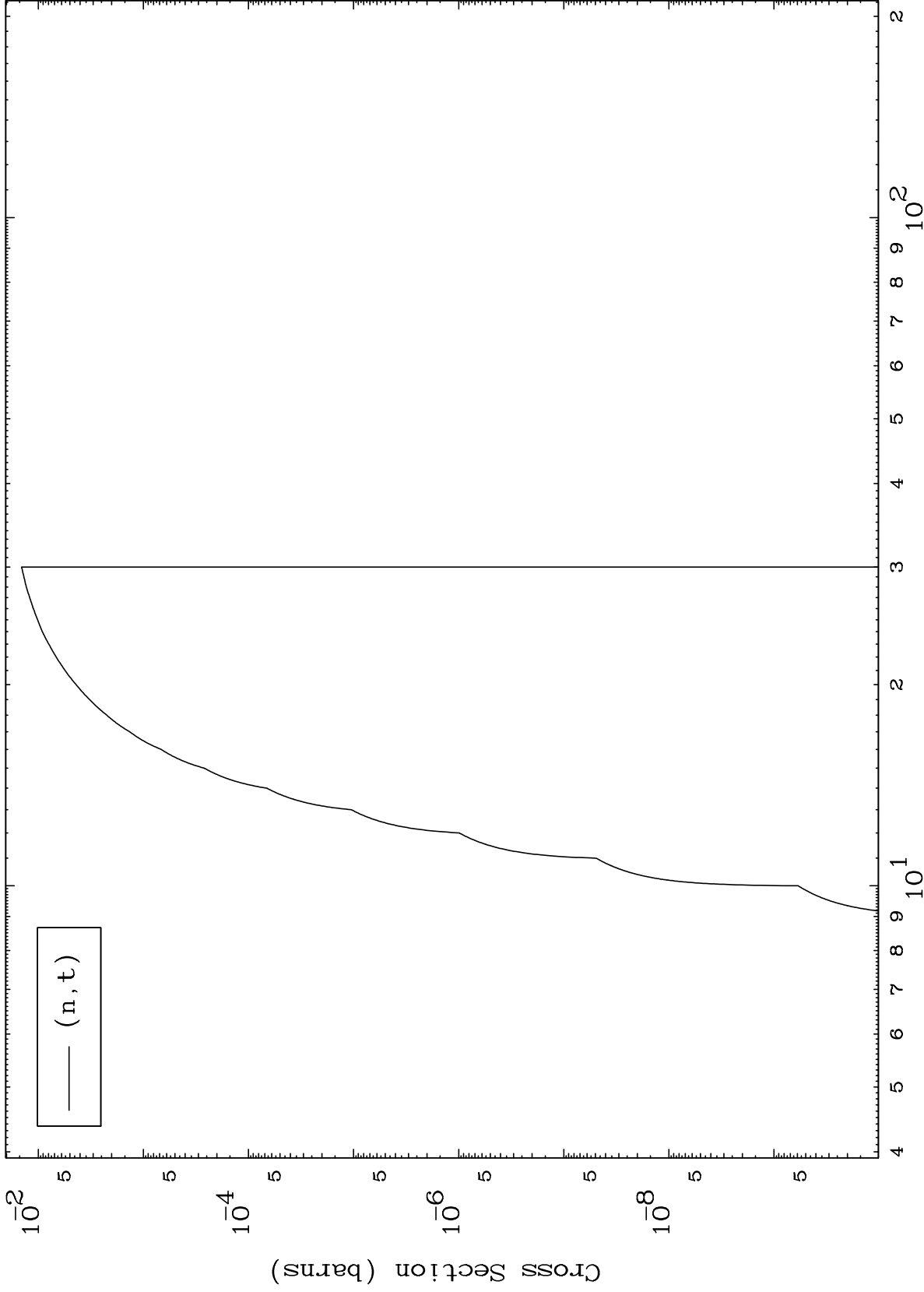
0 Kelvin Cross Sections



MAT 8083

(d,t) Levels
0 Kelvin Cross Sections

81-Tl-189

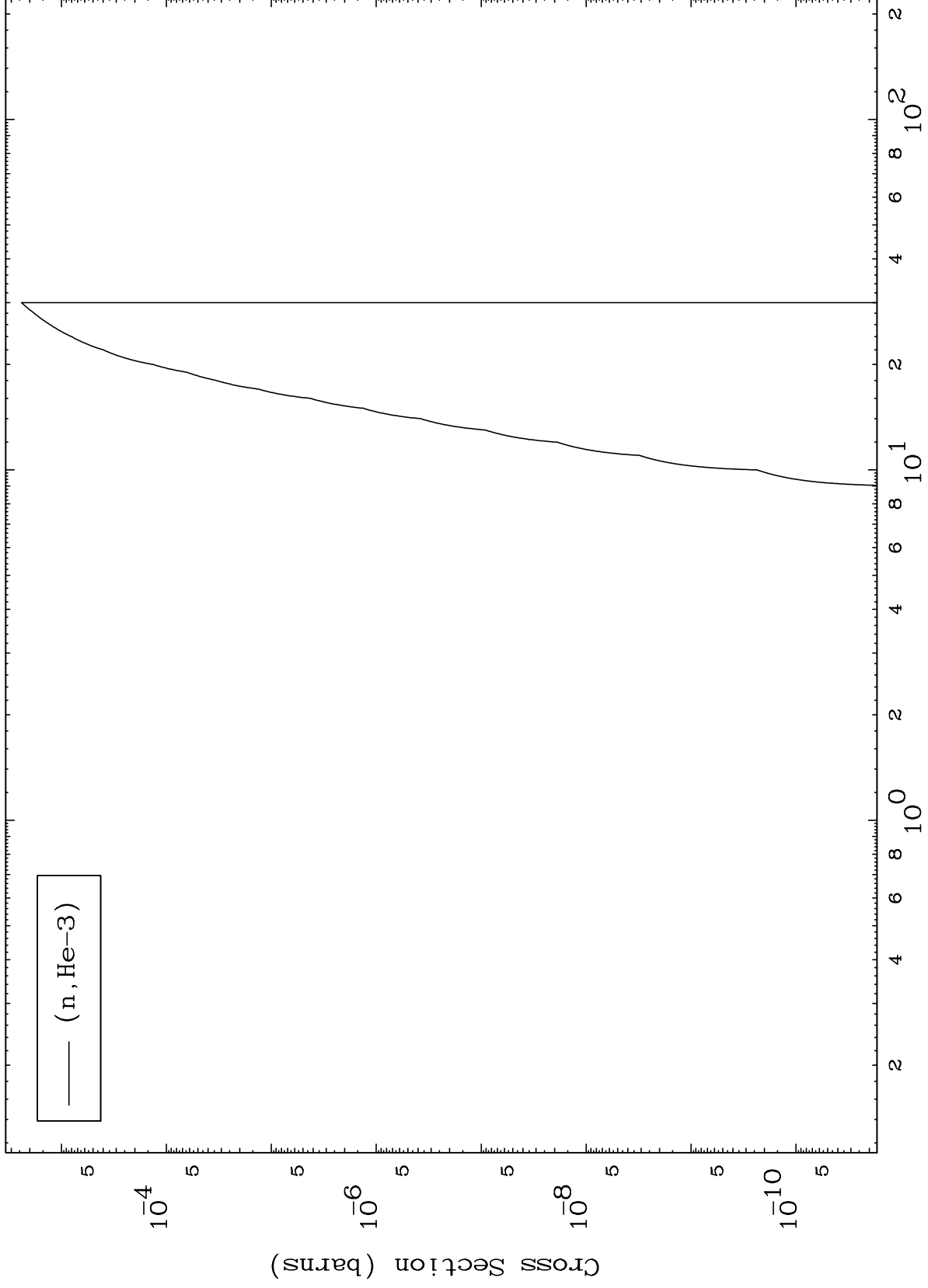


MAT 8083

(d,He3) Levels

81-Tl-189

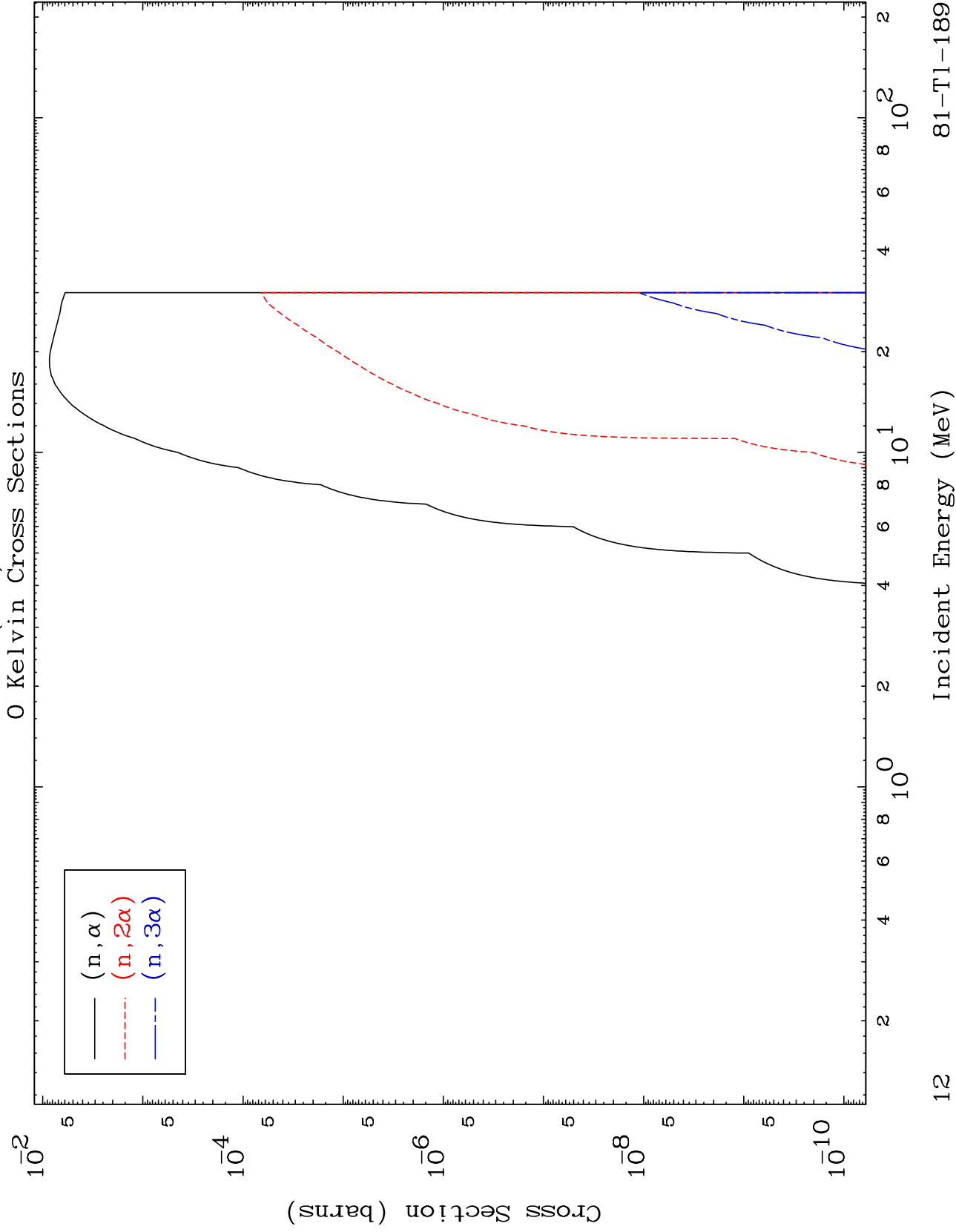
0 Kelvin Cross Sections



MAT 8083

(d, α) Levels

81-Tl-189



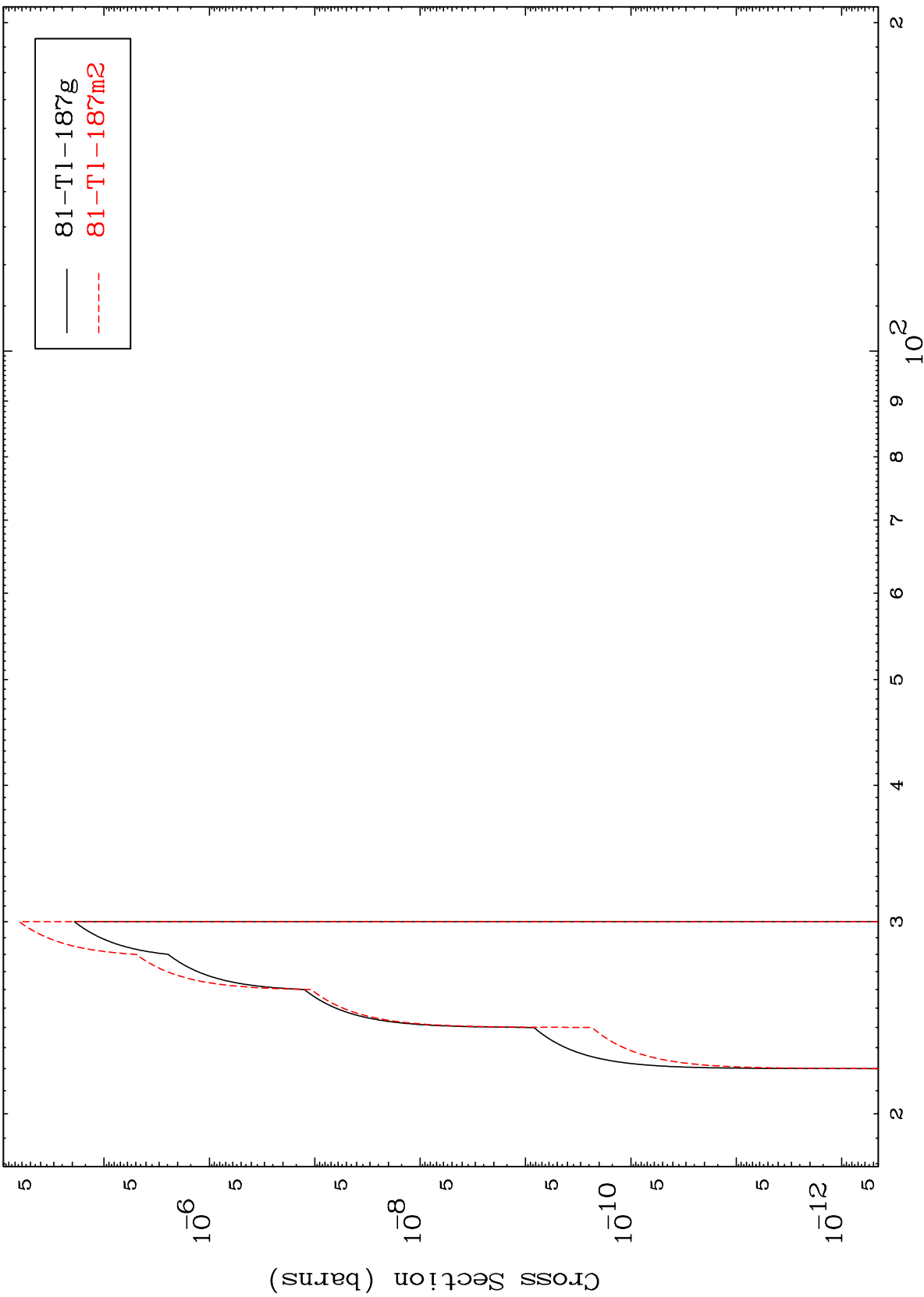
12

MAT 8083

(n,2n) d

81-Tl-189

Radionuclide Production Cross Section



13

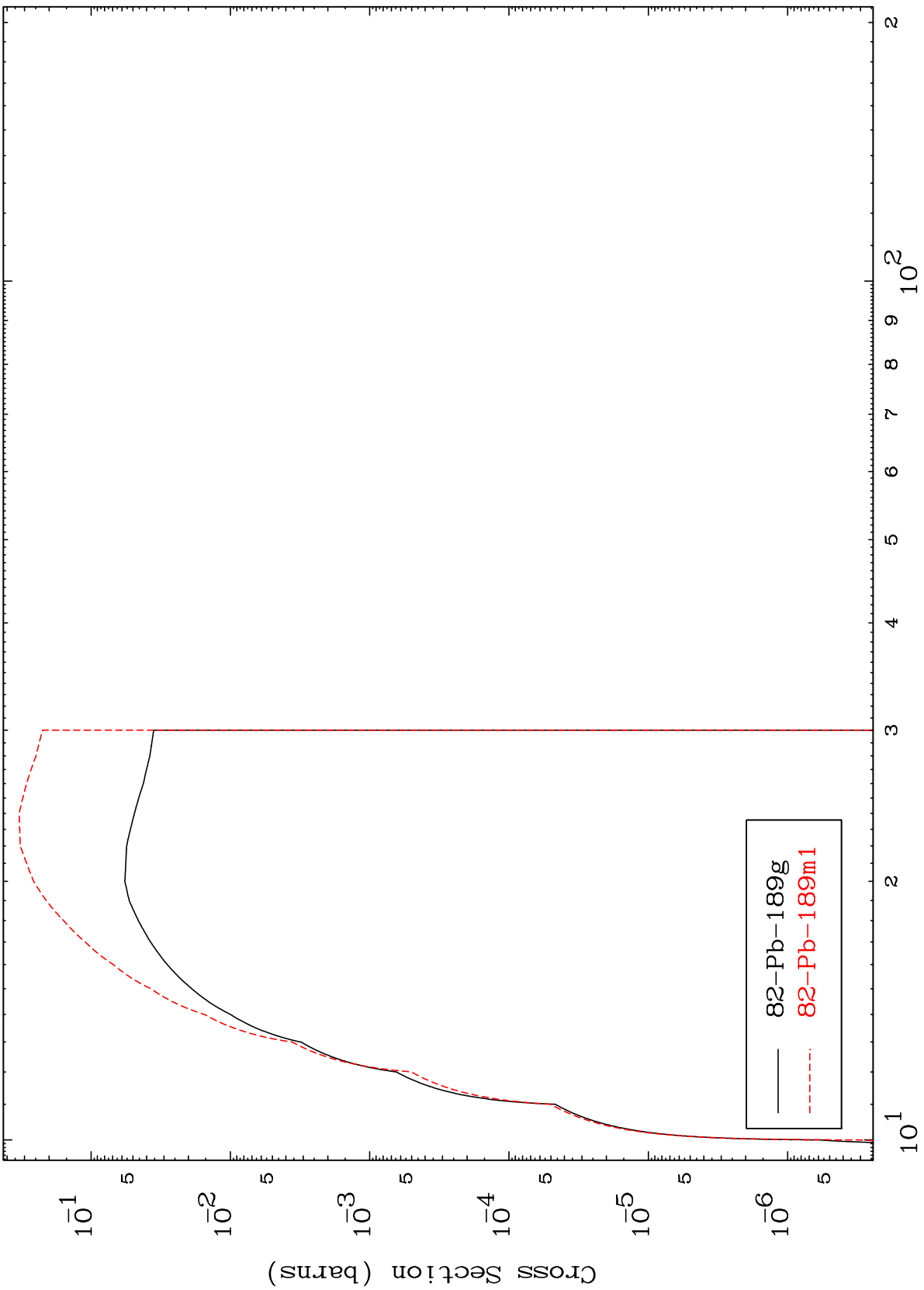
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

Radionuclide Production Cross Section
(n,2n)



81-Tl-189

Incident Energy (MeV)

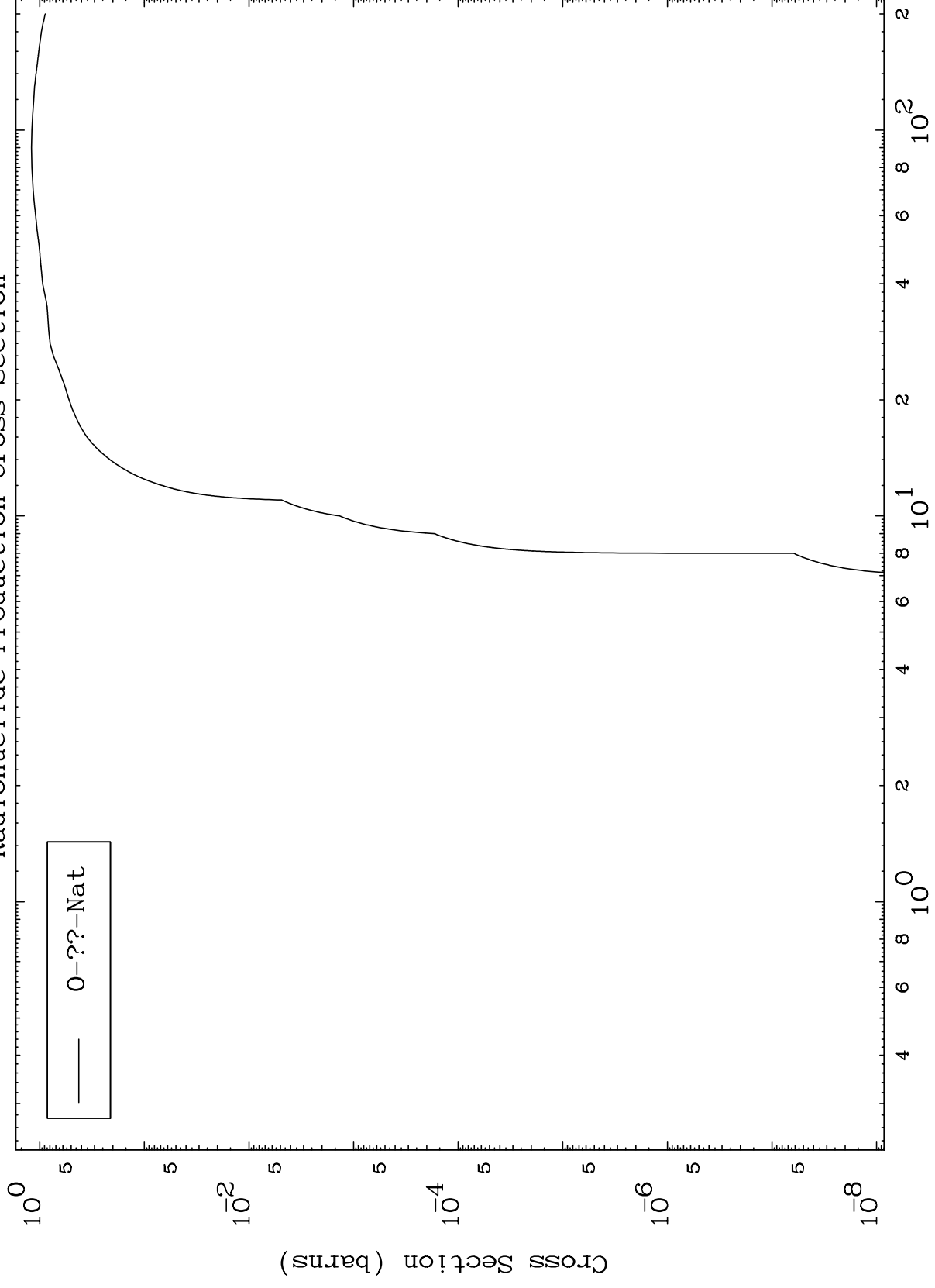
14

MAT 8083

Fission

81-Tl-189

Radionuclide Production Cross Section

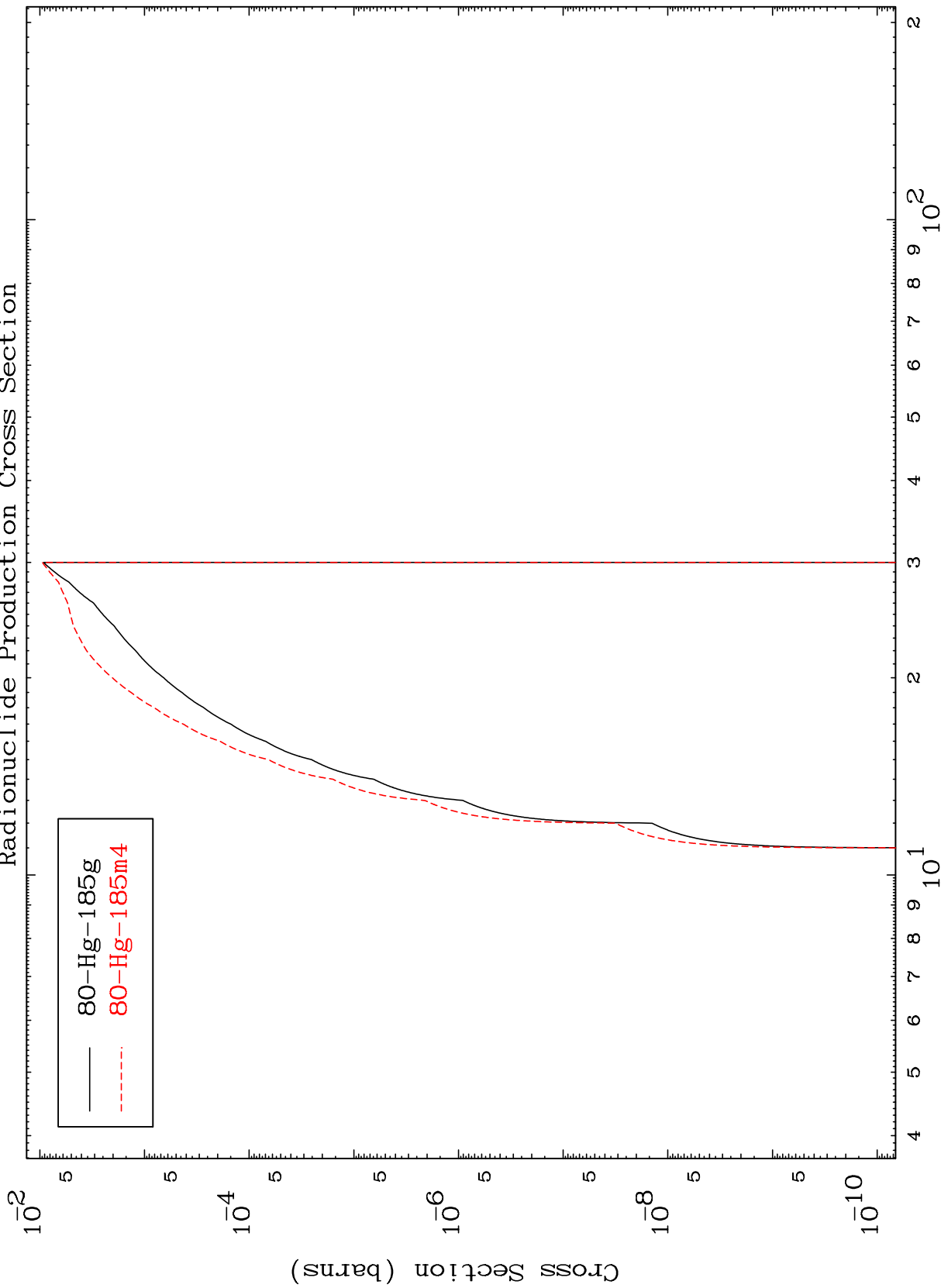


MAT 8083

(n,2n) α

81-Tl-189

Radionuclide Production Cross Section



16

Incident Energy (MeV)

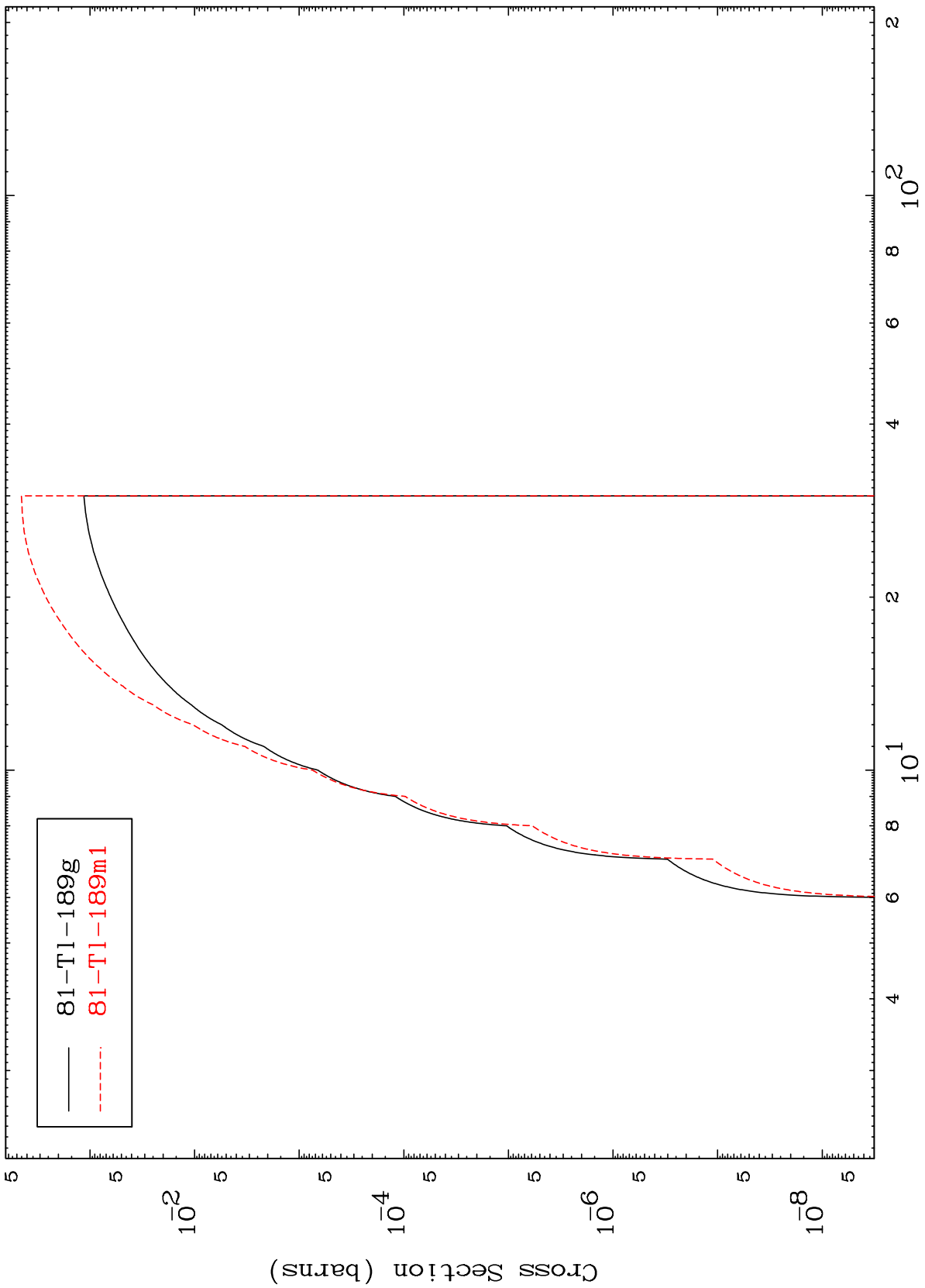
81-Tl-189

MAT 8083

(n,n') p

81-Tl-189

Radionuclide Production Cross Section



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

Incident Energy (MeV)

81-Tl-189

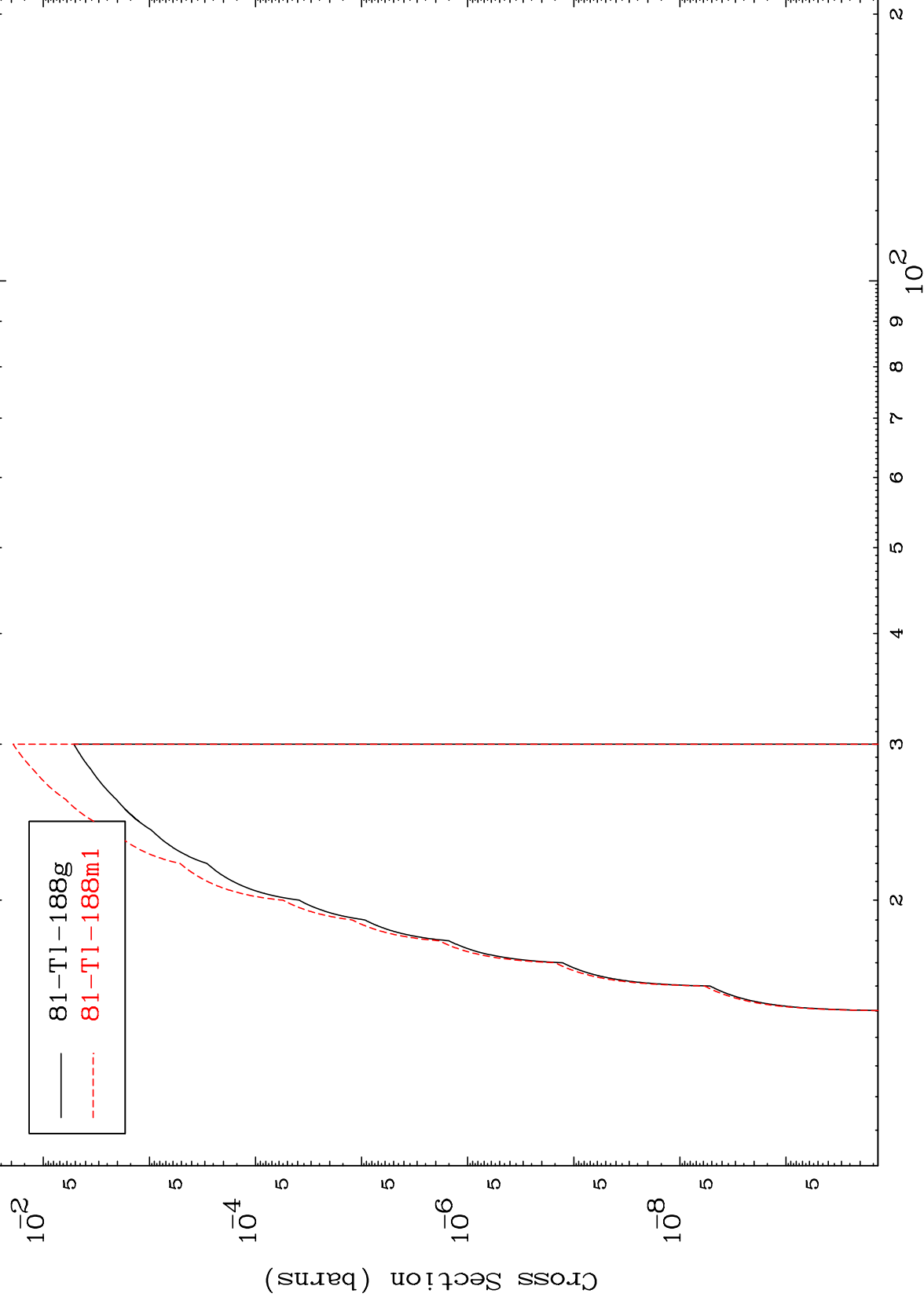
17

MAT 8083

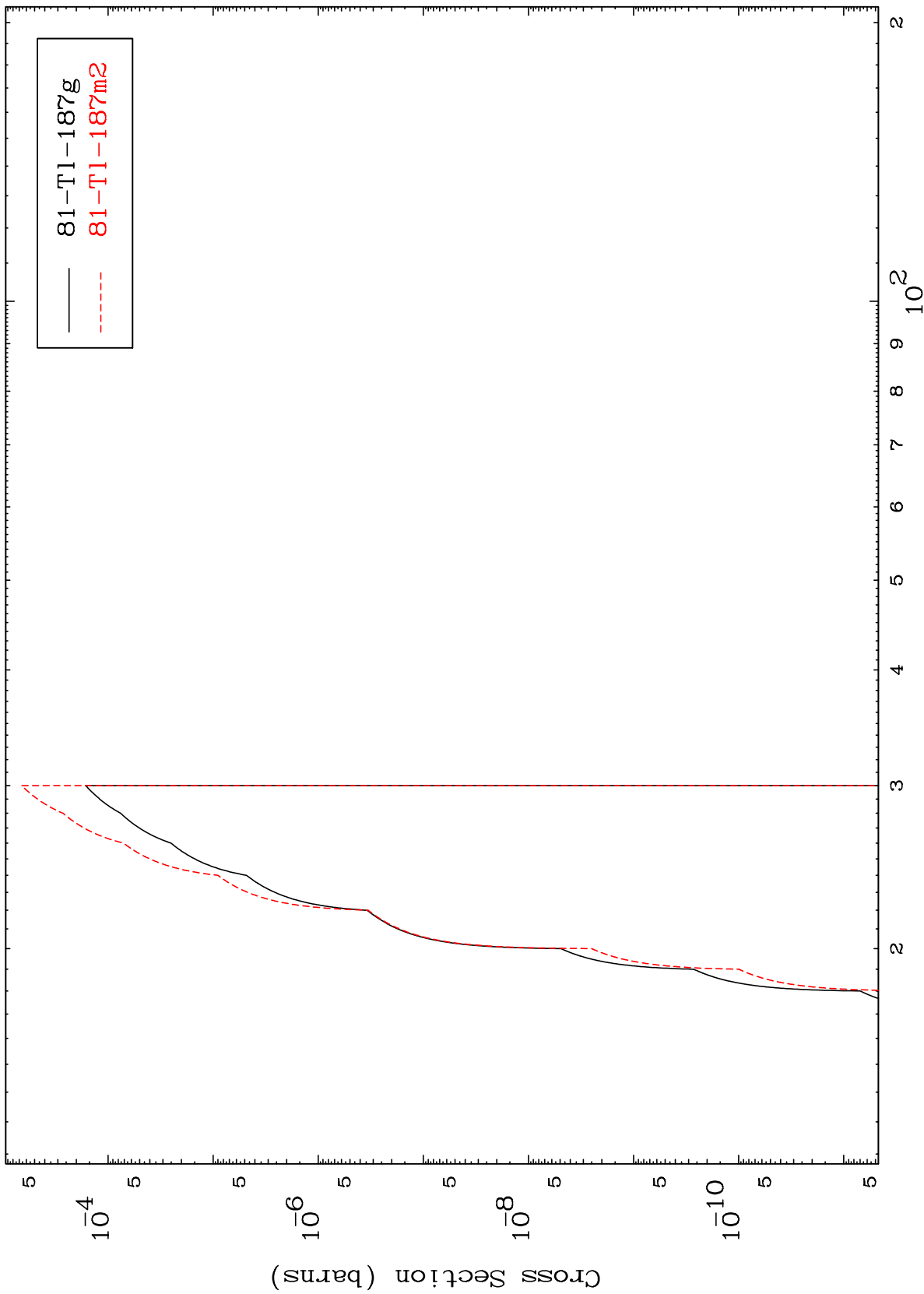
(n,n') d

81-Tl-189

Radionuclide Production Cross Section



Radionuclide Production Cross Section

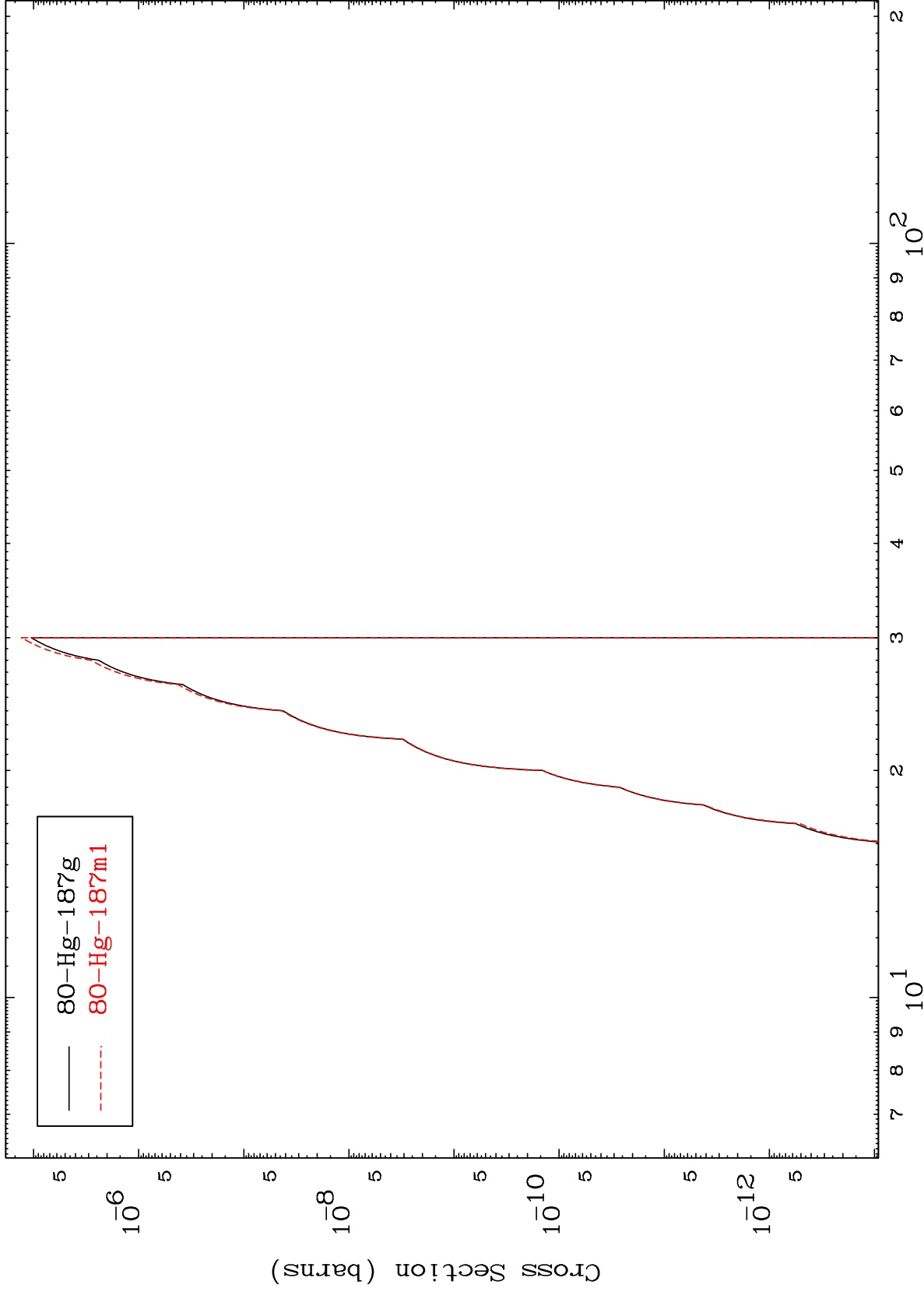


MAT 8083

(n,n') He-3

81-Tl-189

Radionuclide Production Cross Section

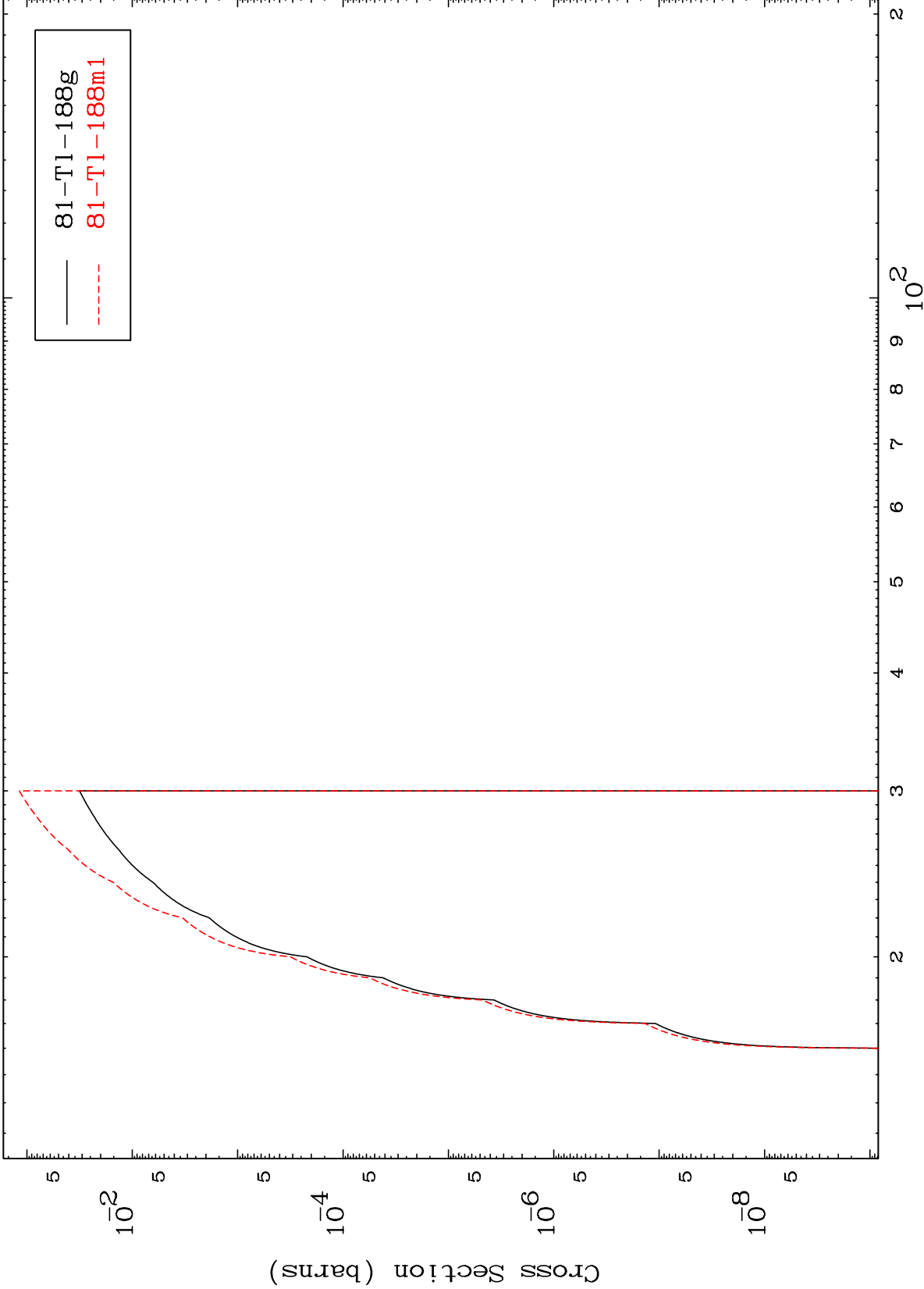


20

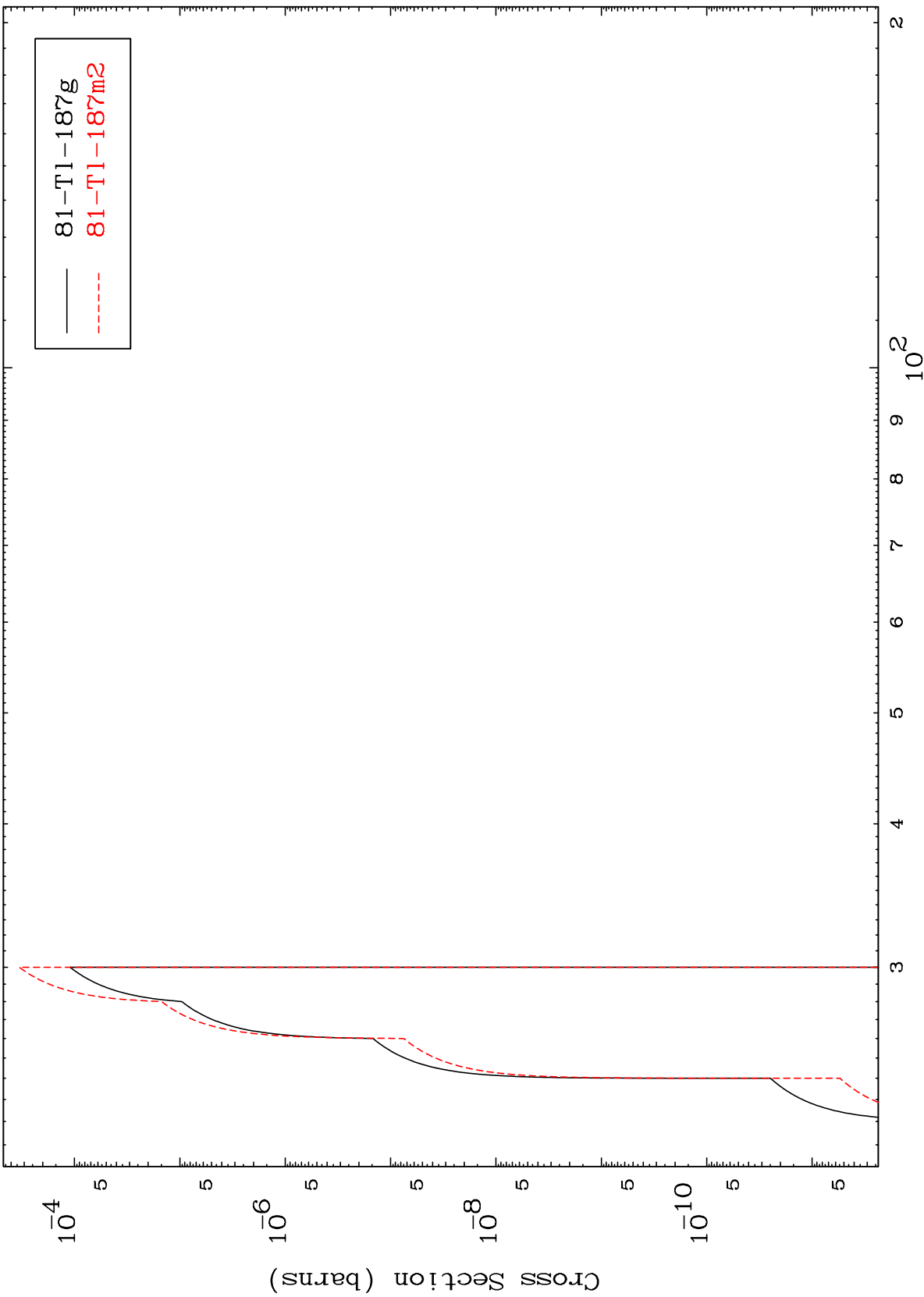
Incident Energy (MeV)

81-Tl-189

Radionuclide Production Cross Section



Radionuclide Production Cross Section

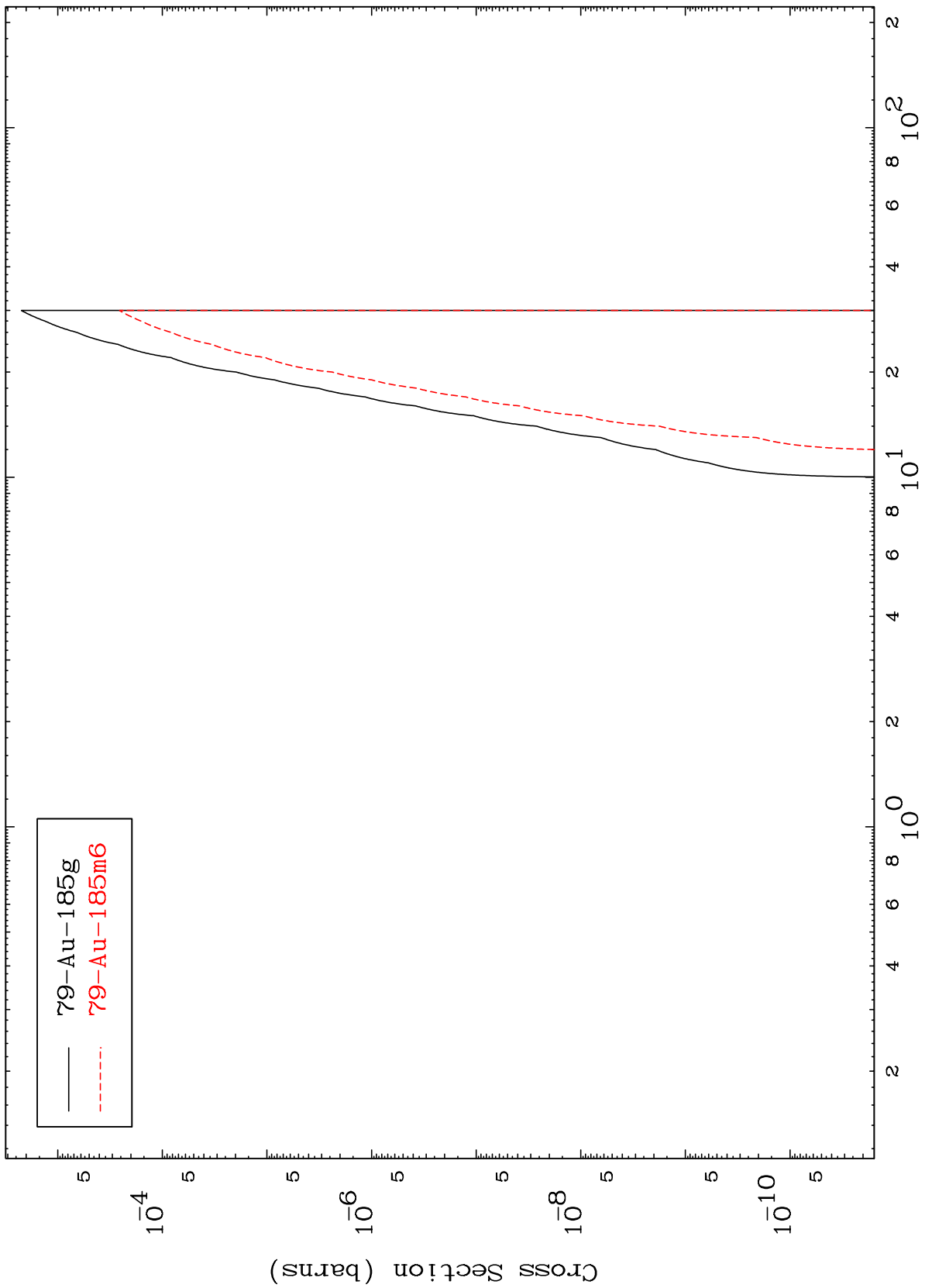


MAT 8083

(n,n') p α

81-Tl-189

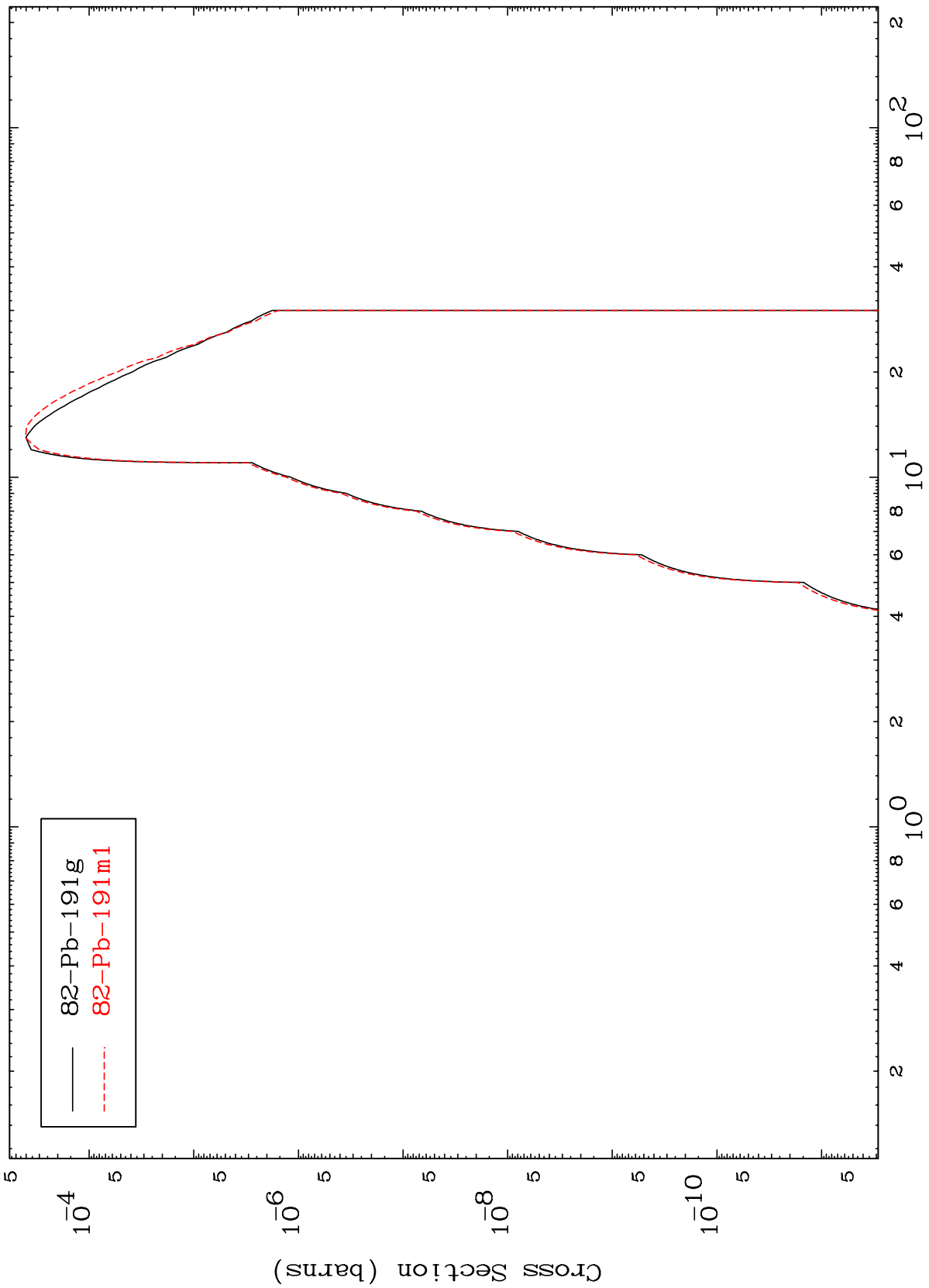
Radionuclide Production Cross Section



MAT 8083

81-Tl-189

(n, γ)
Radionuclide Production Cross Section



81-Tl-189

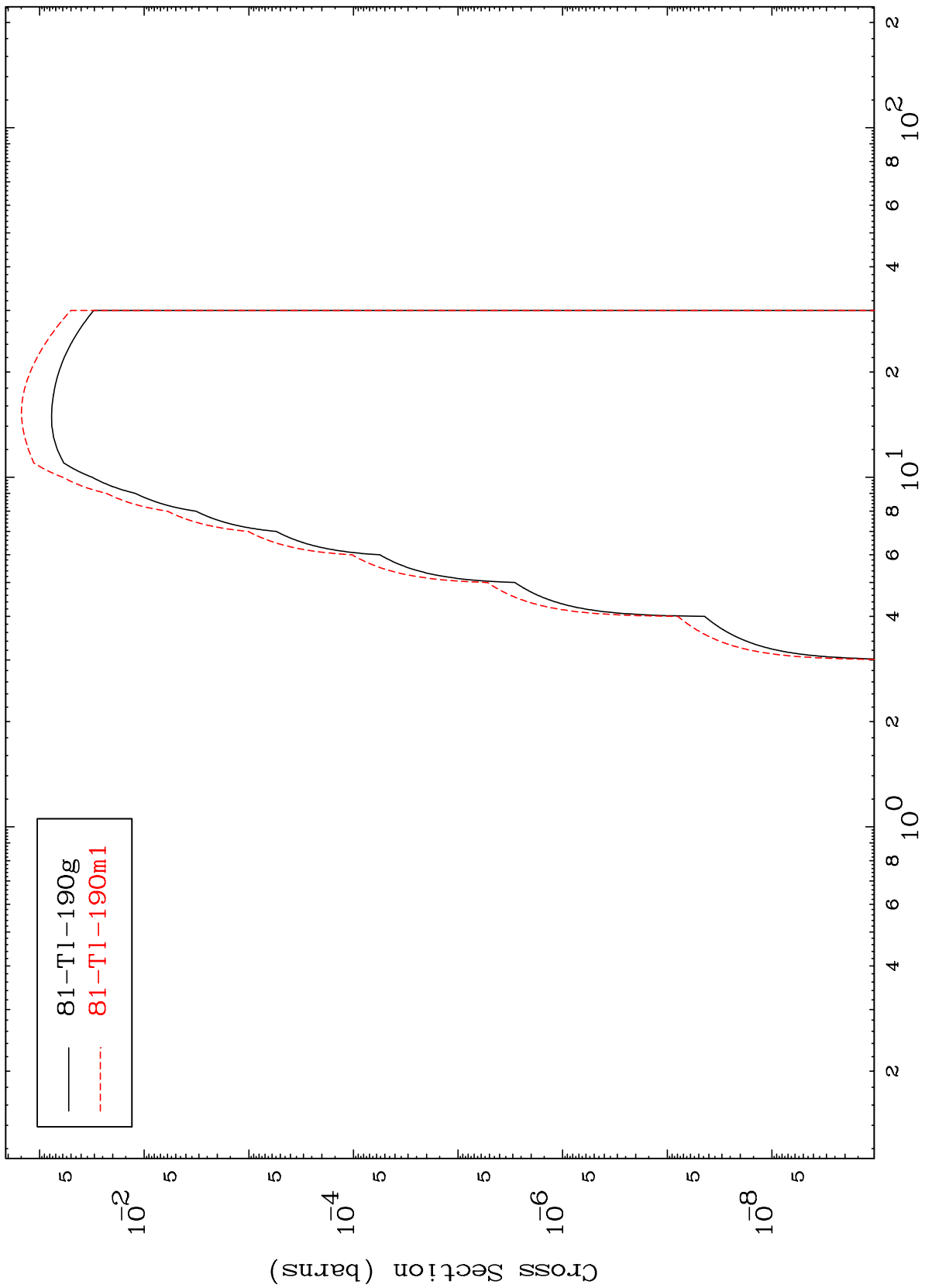
Incident Energy (MeV)

24

MAT 8083

81-Tl-189

(n,p)
Radionuclide Production Cross Section

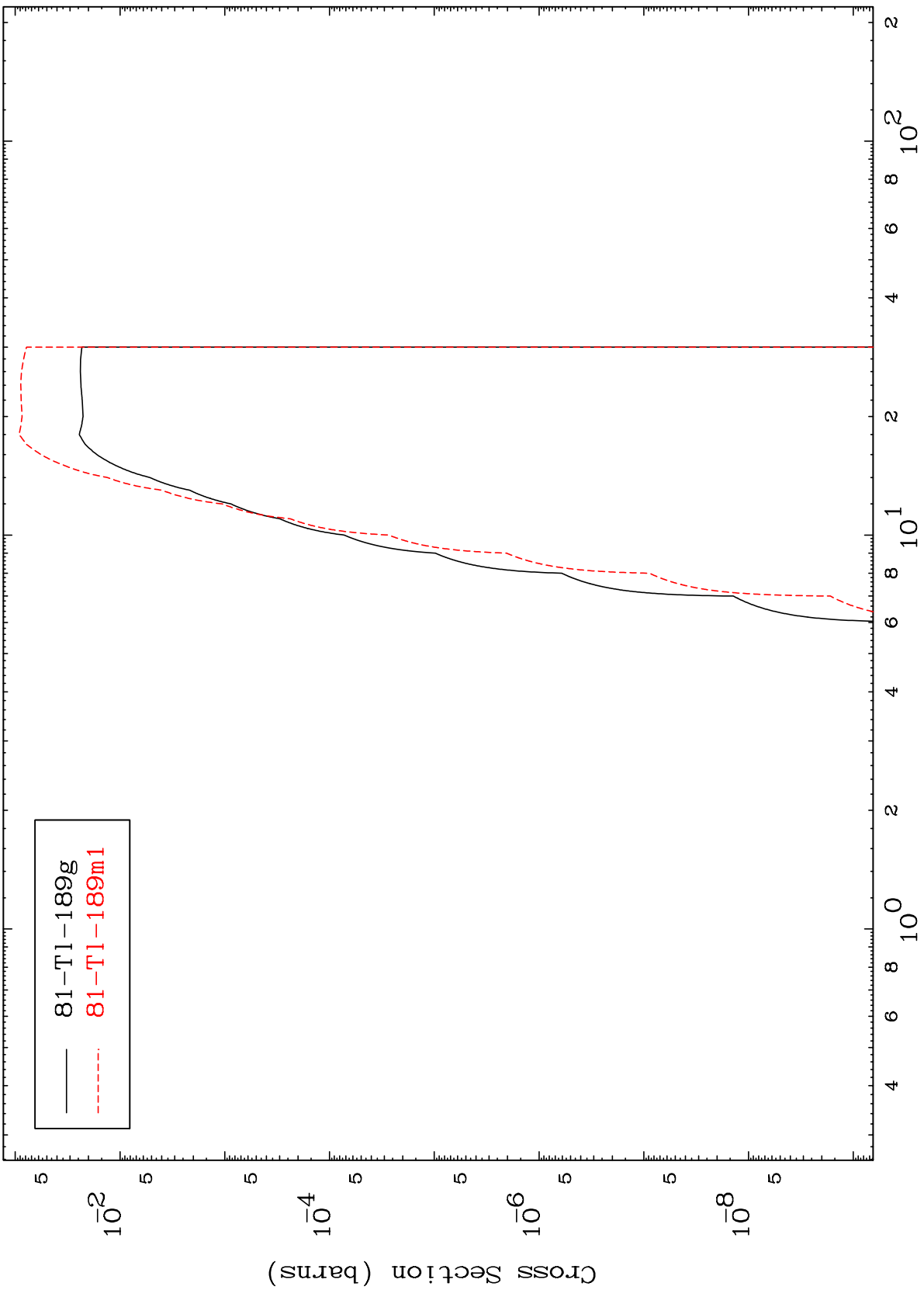


MAT 8083

(n,d)

81-Tl-189

Radionuclide Production Cross Section

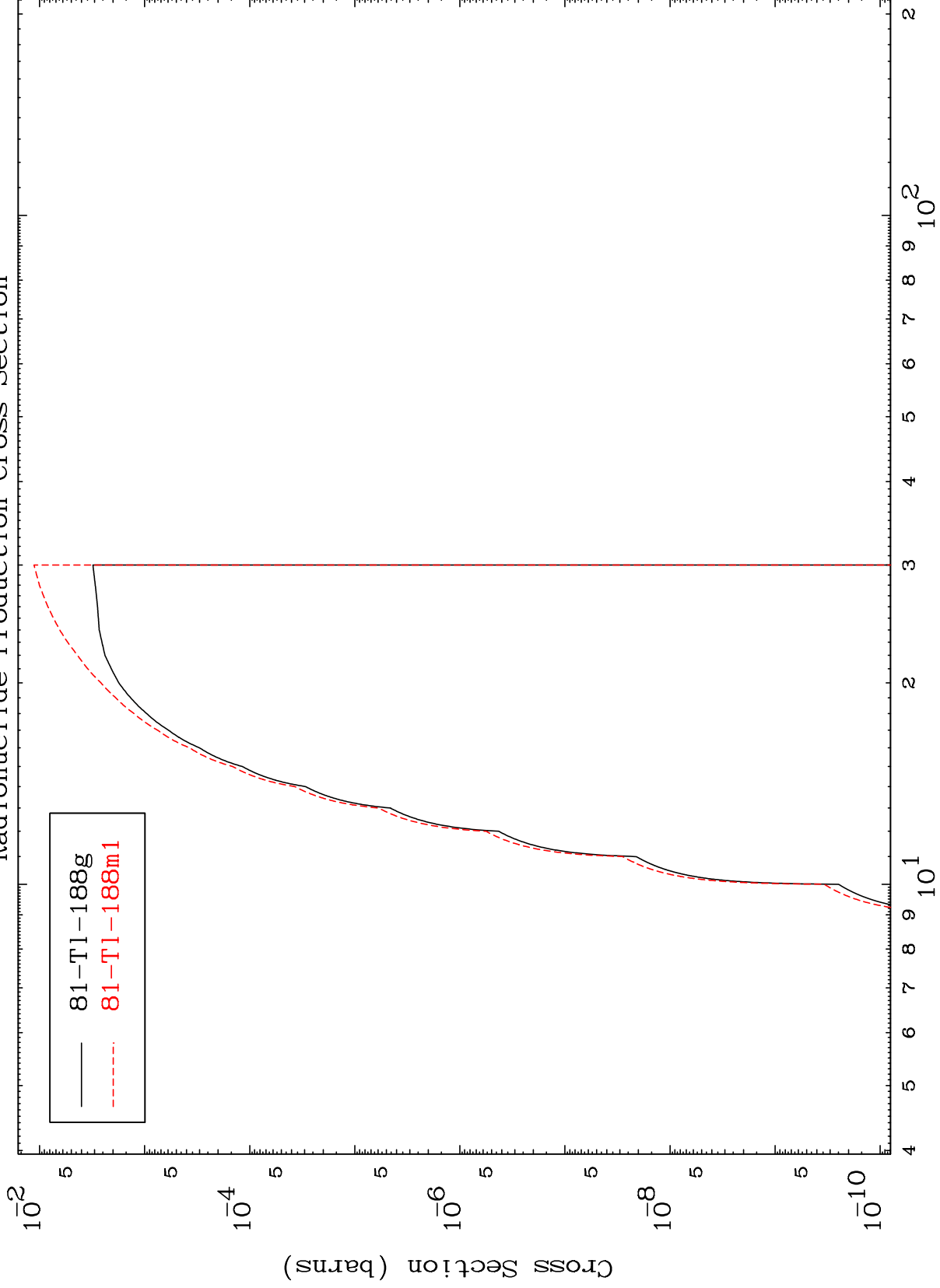


81-Tl-189g
81-Tl-189m1

MAT 8083

81-Tl-189

Radionuclide Production Cross Section (n,t)



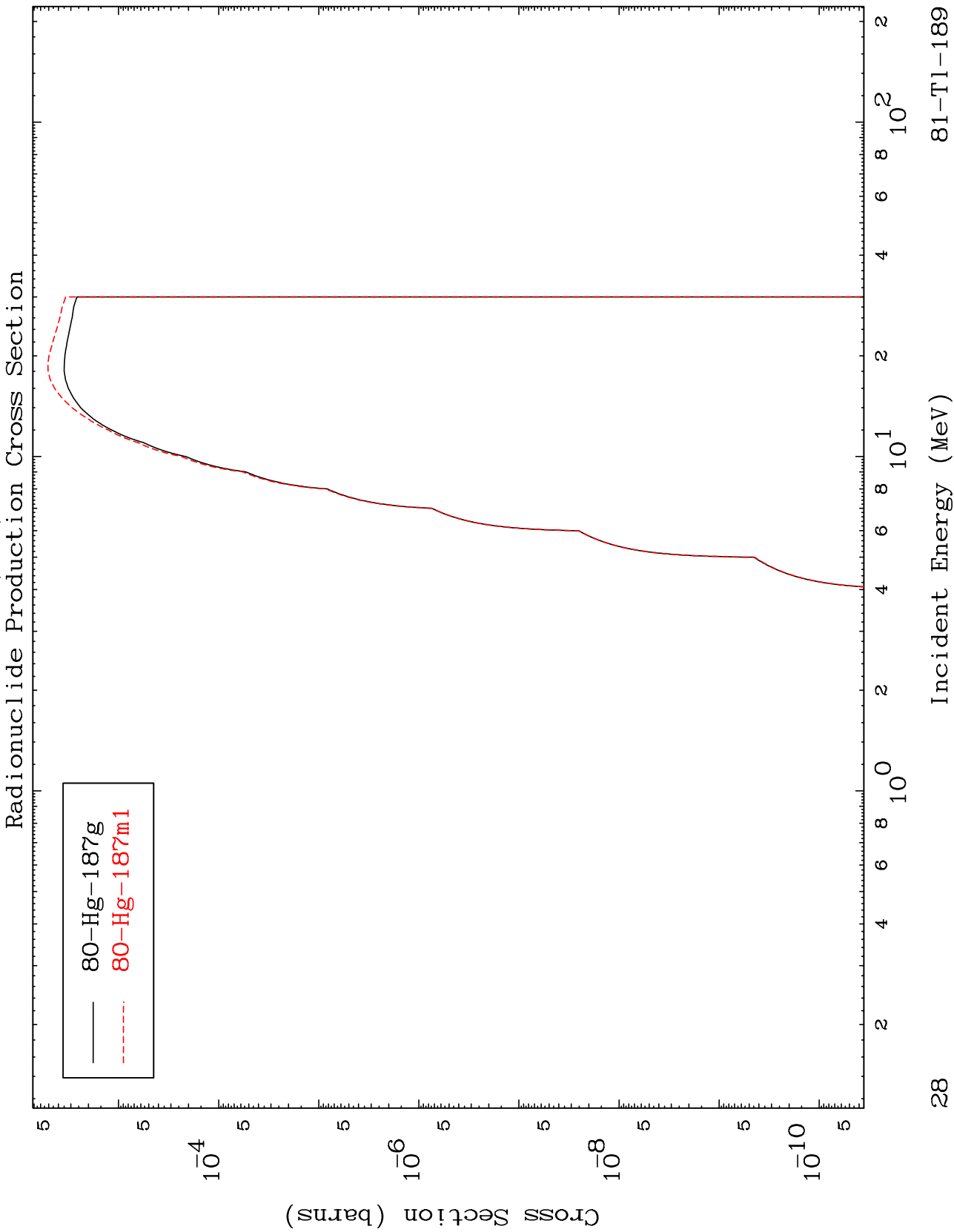
Incident Energy (MeV)

81-Tl-189

27

MAT 8083

81-Tl-189

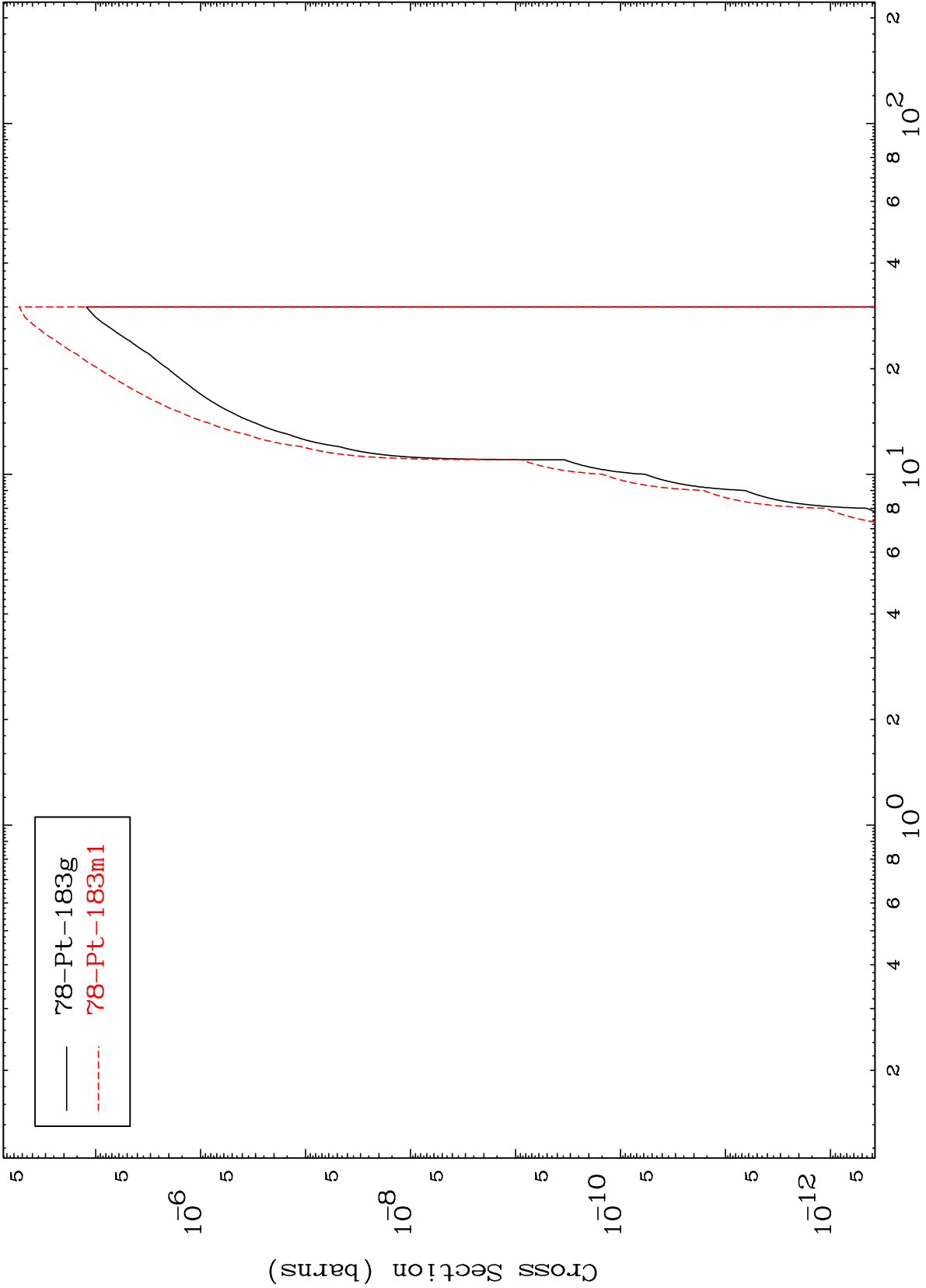


MAT 8083

(n,2α)

81-Tl-189

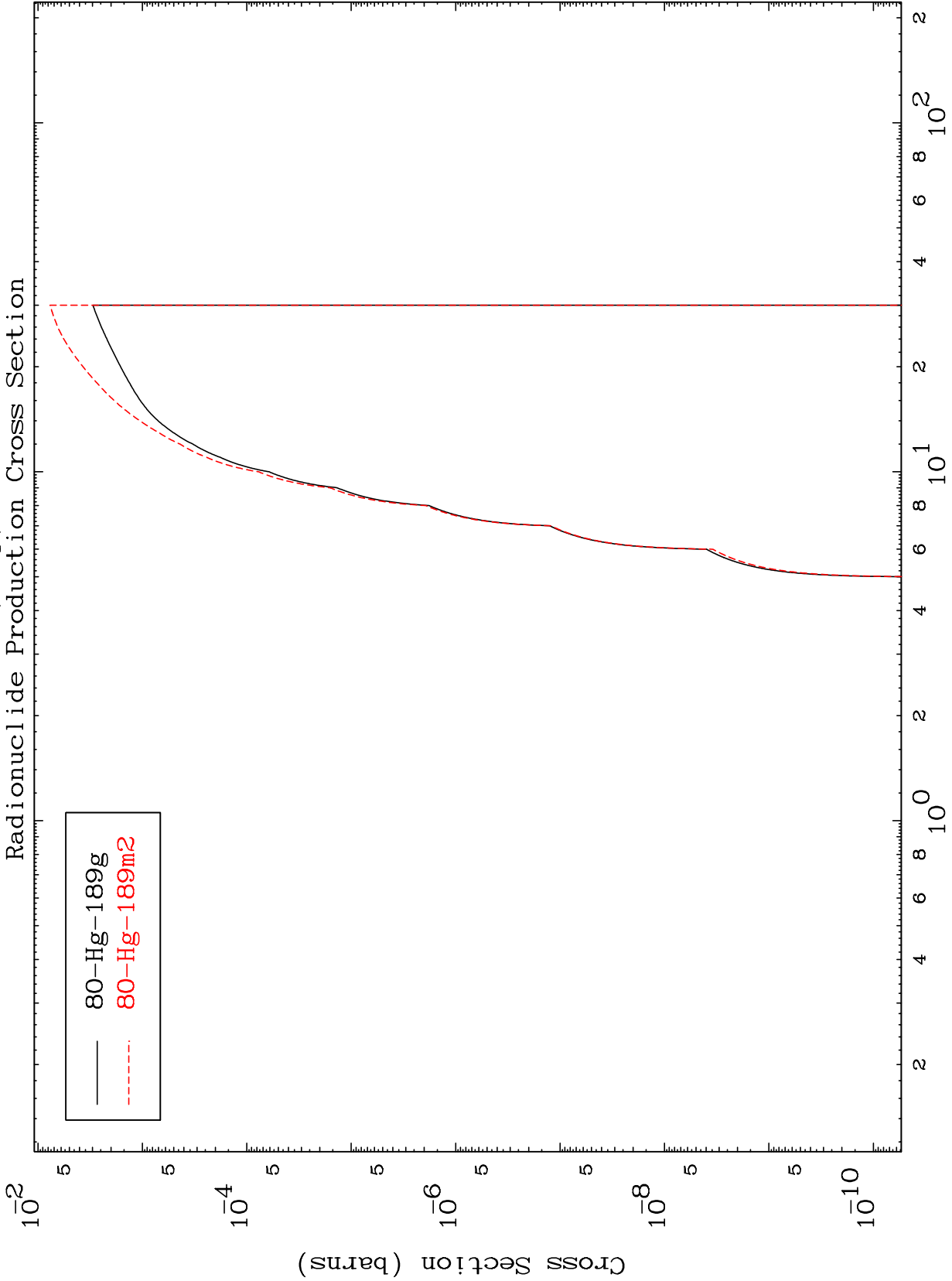
Radionuclide Production Cross Section



MAT 8083

(n,2p)

81-Tl-189



30

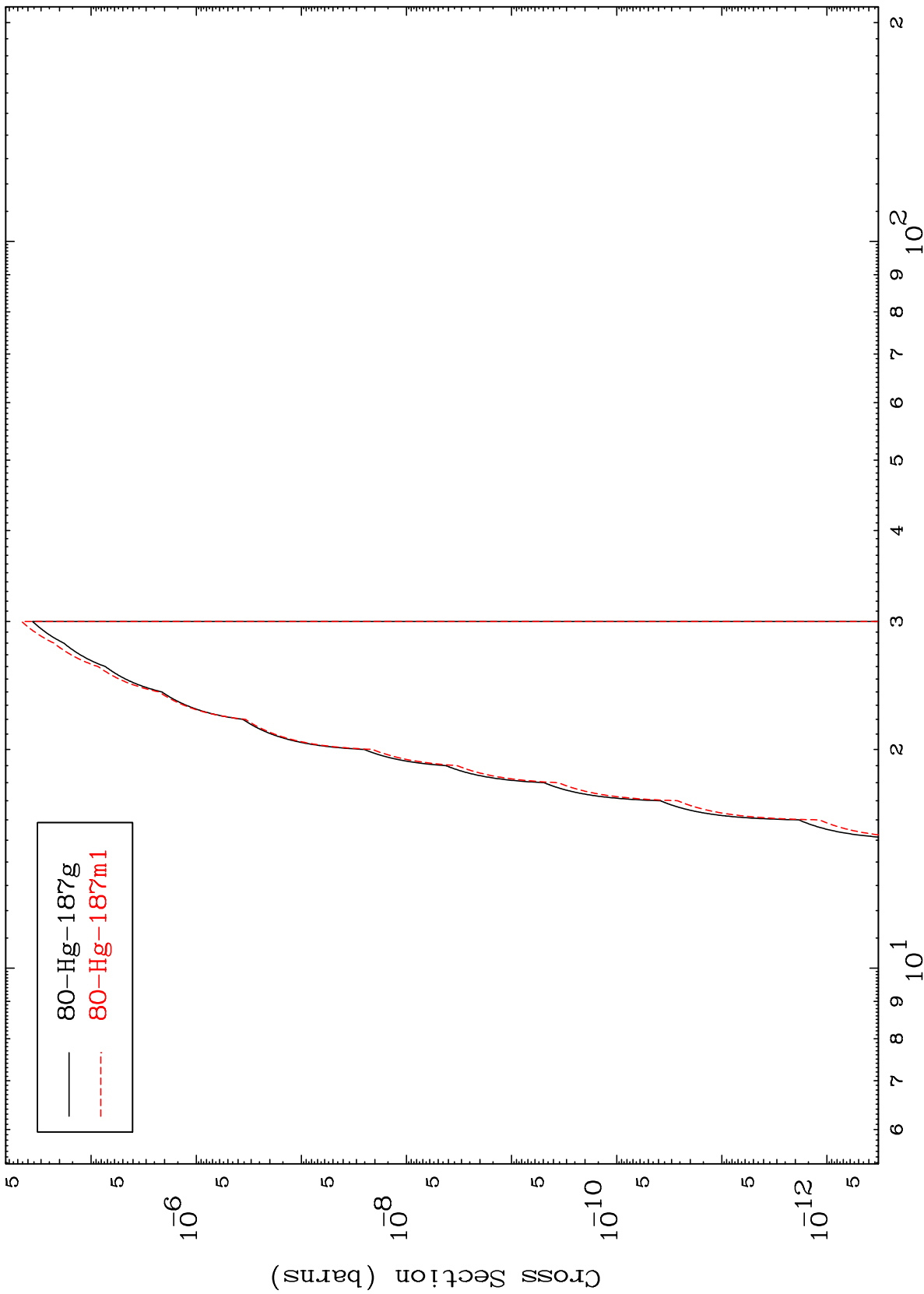
81-Tl-189

MAT 8083

(n,p) t

81-Tl-189

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-189

31

MAT 8083

(n,d) α

81-Tl-189

