

Program EVALPLOT
(Version 2018-1)

by

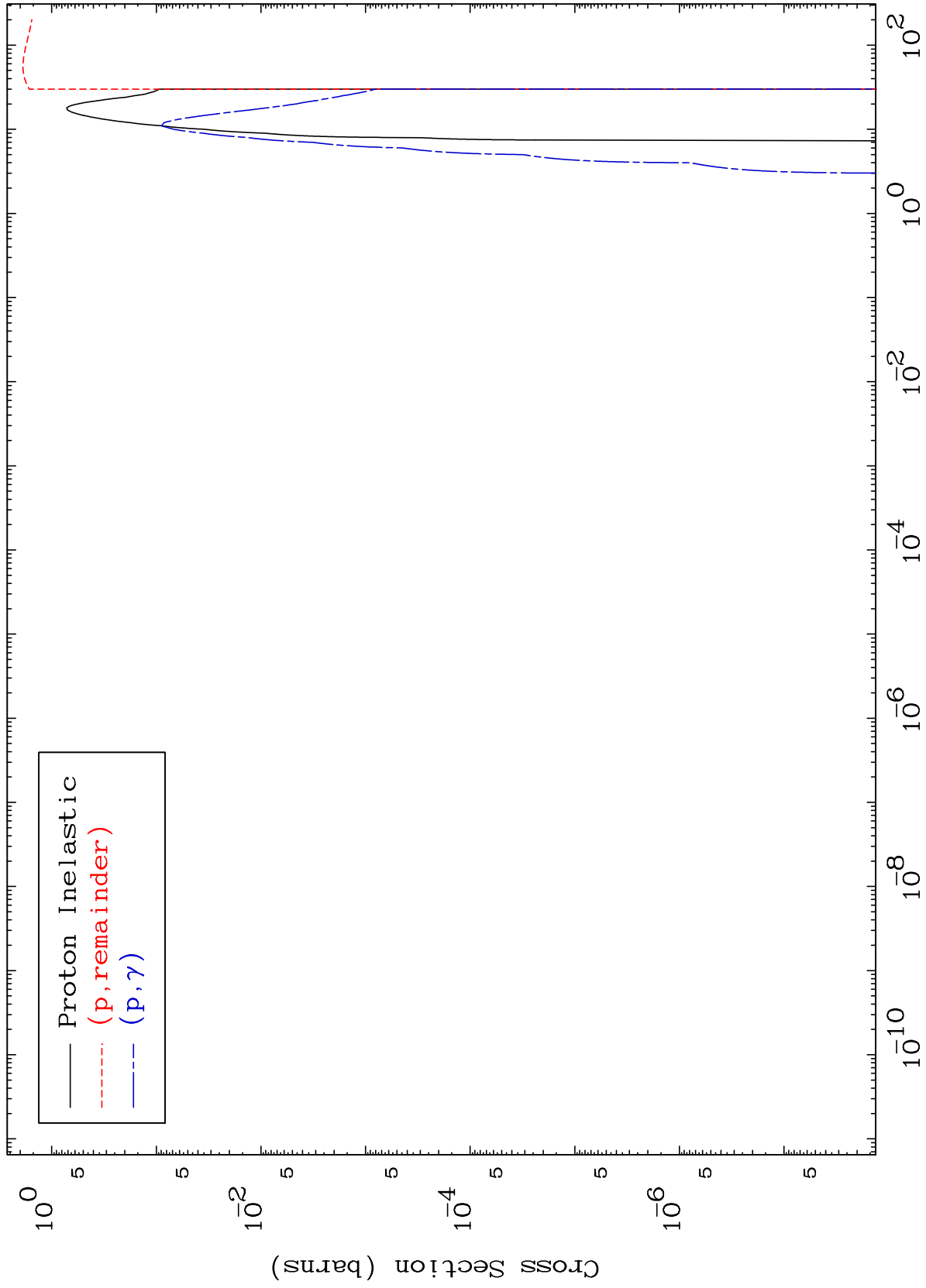
Dermott E. Cullen
(Present Contact Information)

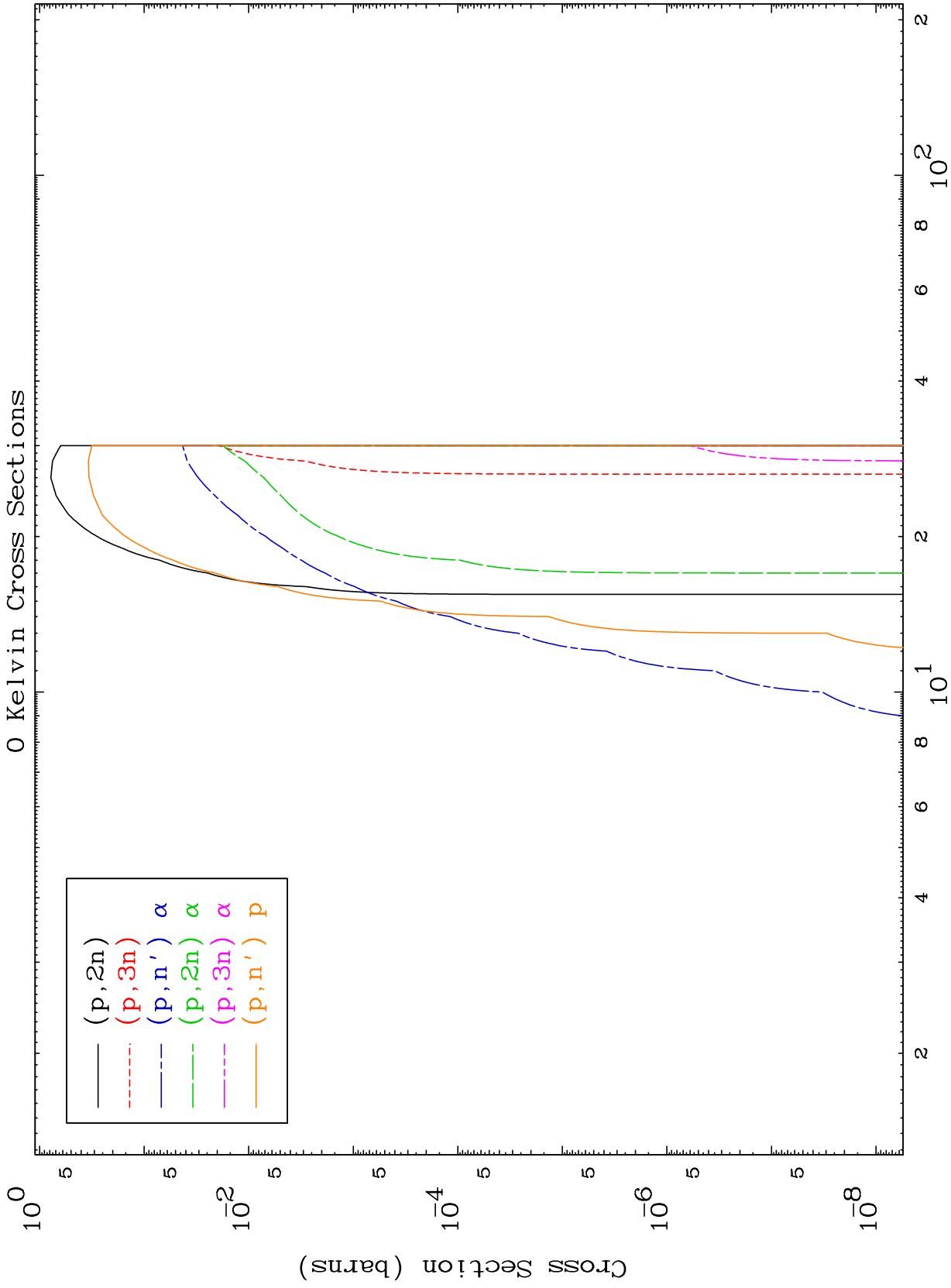
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

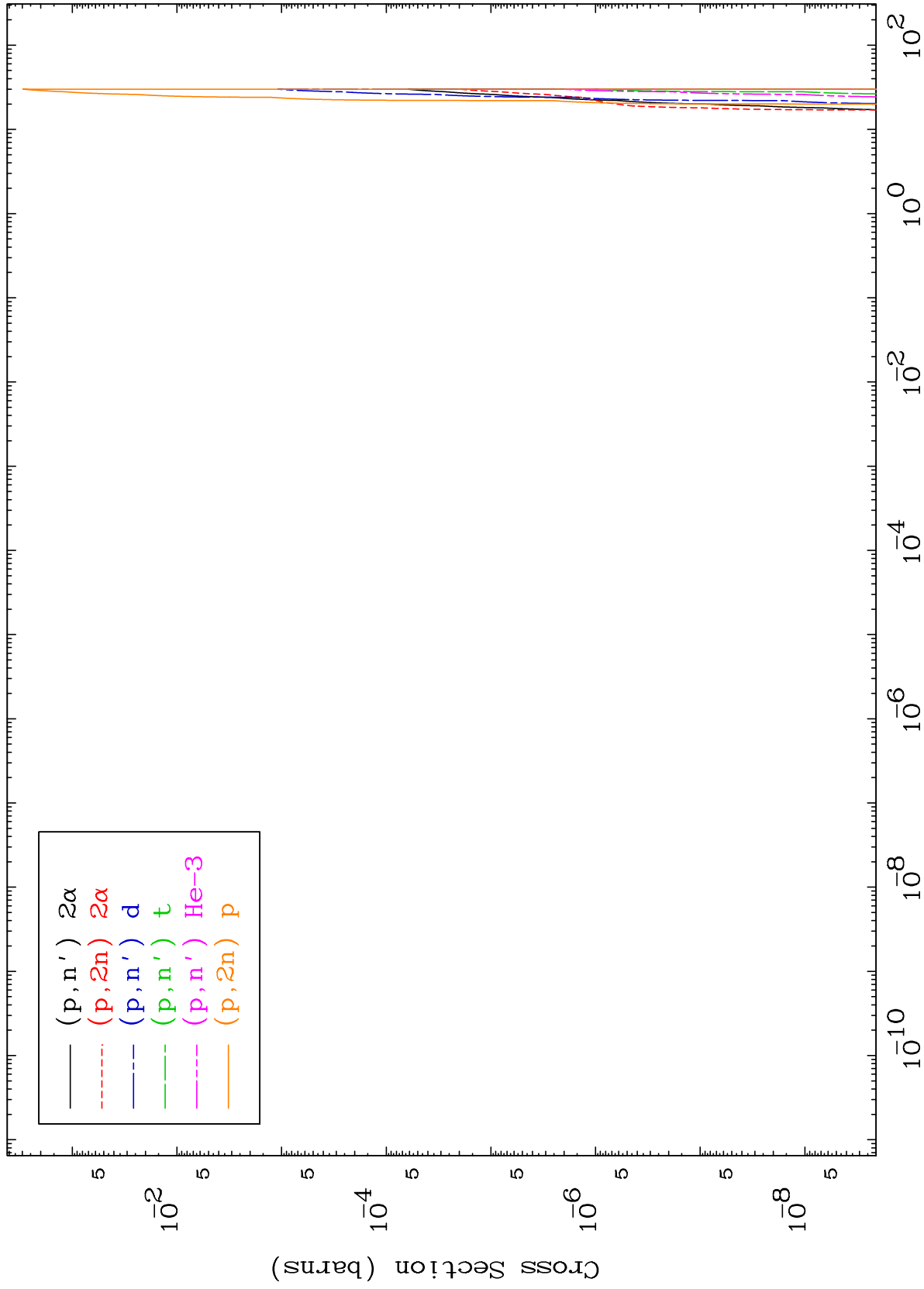
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



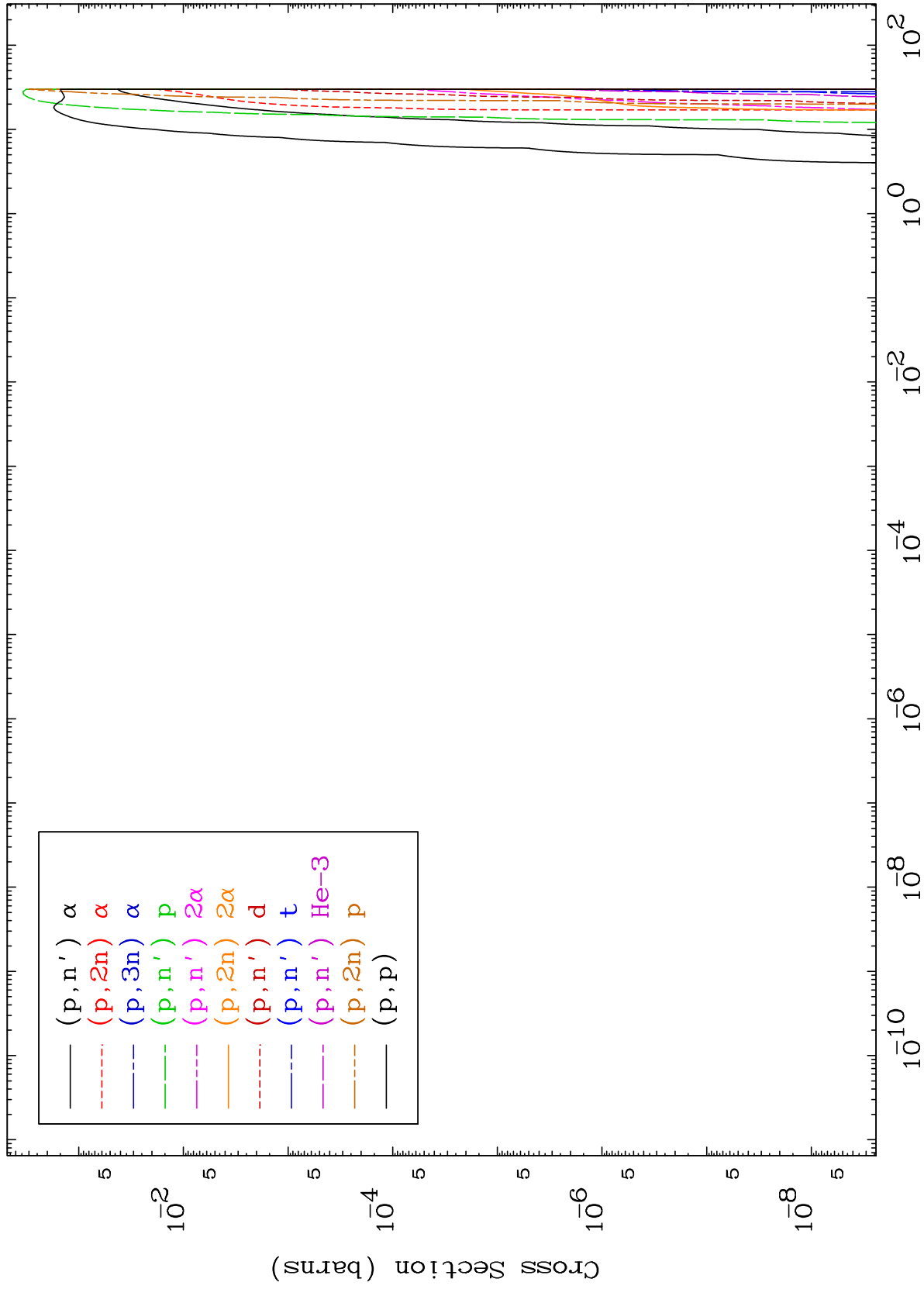




MAT 8084

Proton Charged Particle
0 Kelvin Cross Sections

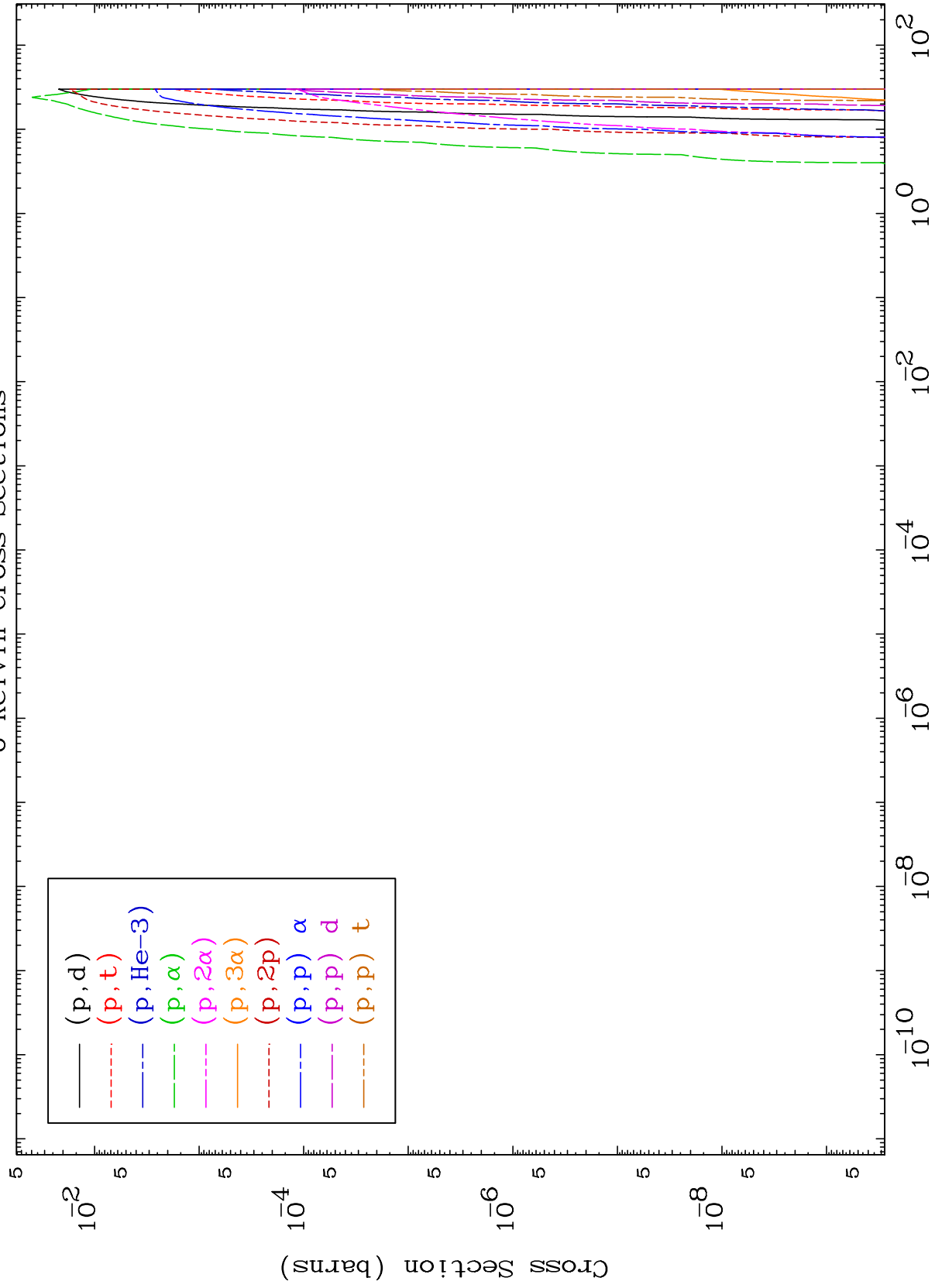
81-Tl-189



MAT 8084

Proton Charged Particle
0 Kelvin Cross Sections

81-Tl-189



5

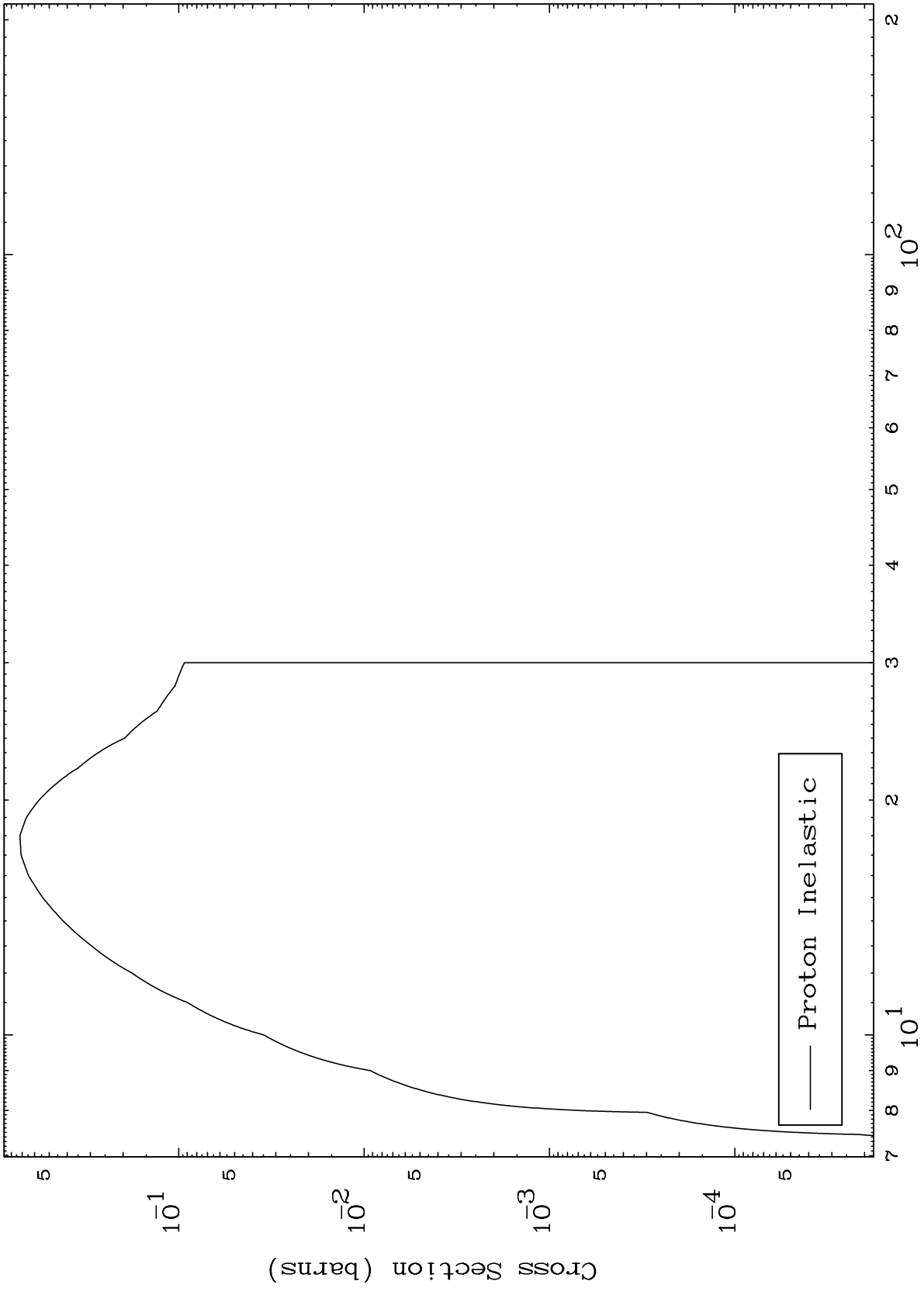
Incident Energy (MeV)

81-Tl-189

MAT 8084

(p,n') Level
0 Kelvin Cross Sections

81-Tl-189



6

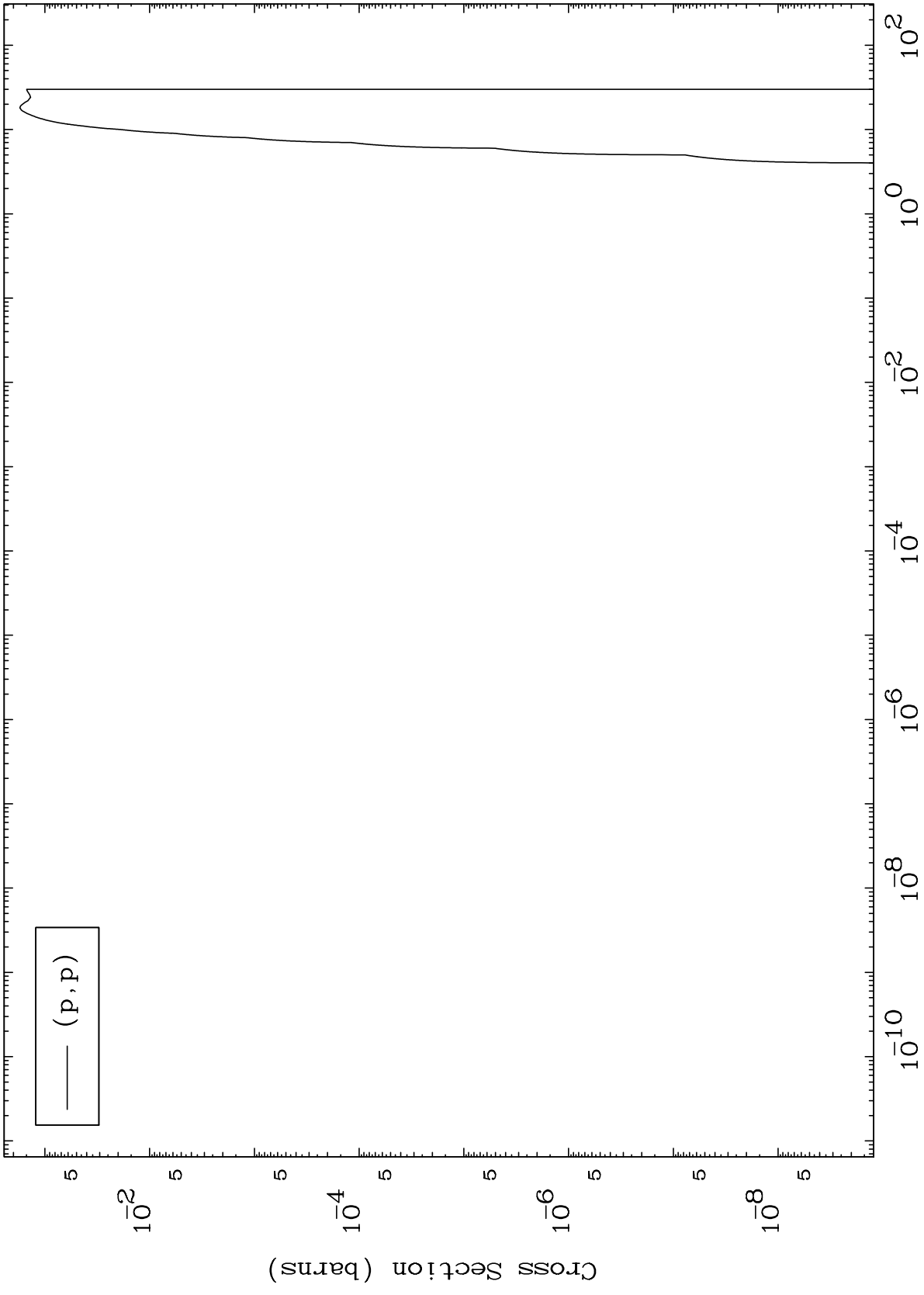
Incident Energy (MeV)

81-Tl-189

MAT 8084

(p,p) Levels
0 Kelvin Cross Sections

81-Tl-189

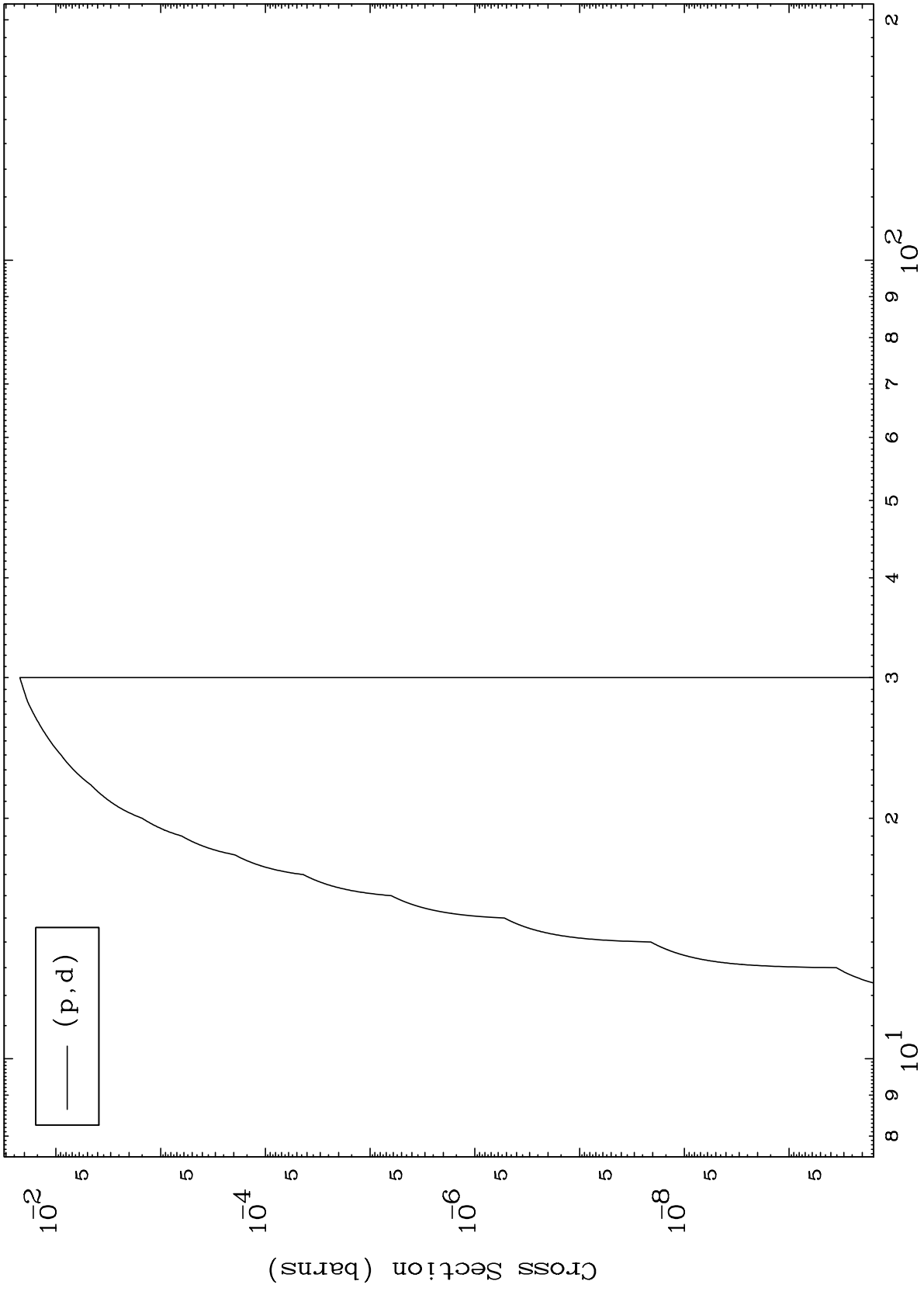


81-Tl-189

MAT 8084

(p,d) Levels
0 Kelvin Cross Sections

81-Tl-189



8

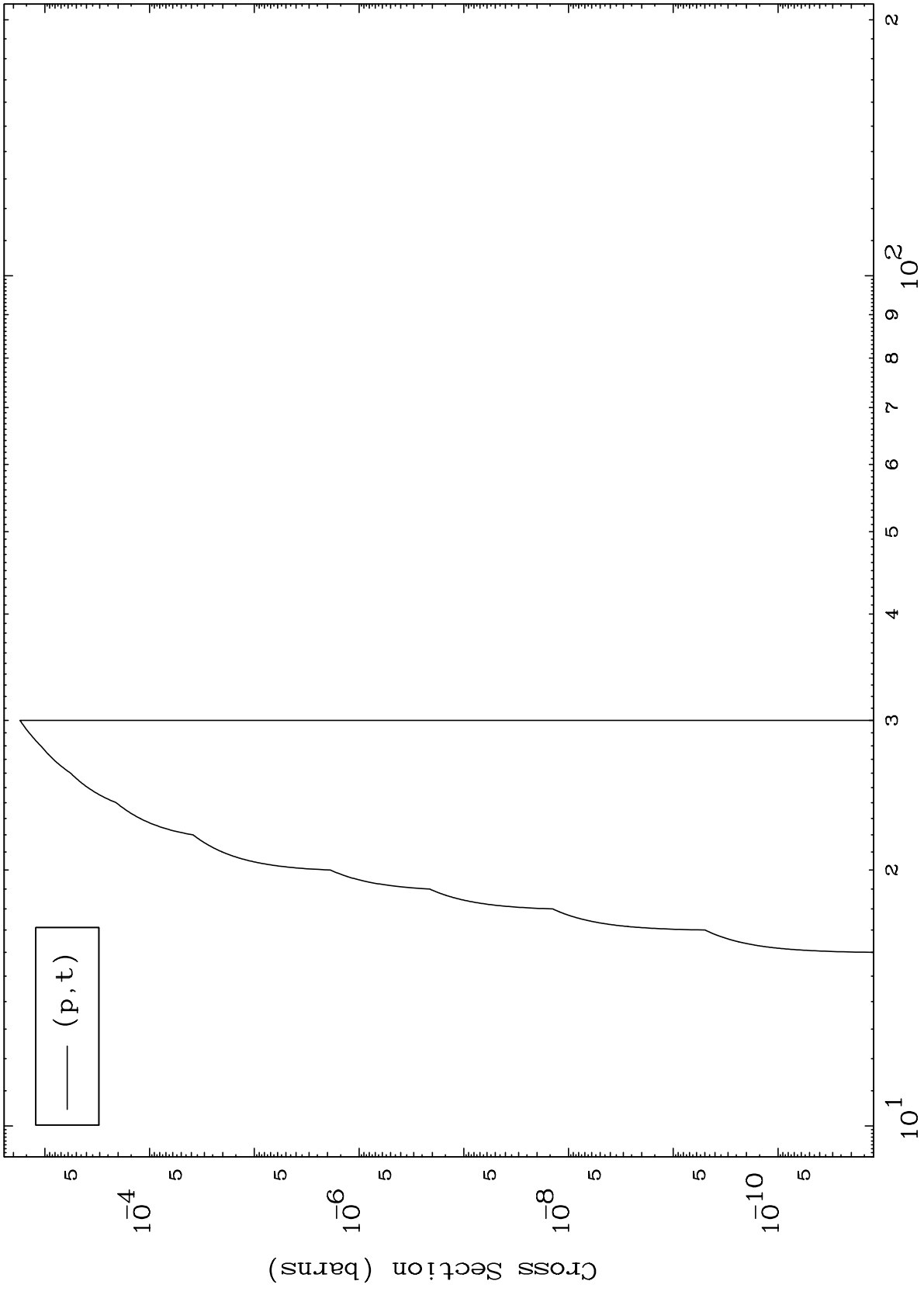
Incident Energy (MeV)

81-Tl-189

MAT 8084

(p,t) Levels
0 Kelvin Cross Sections

81-Tl-189



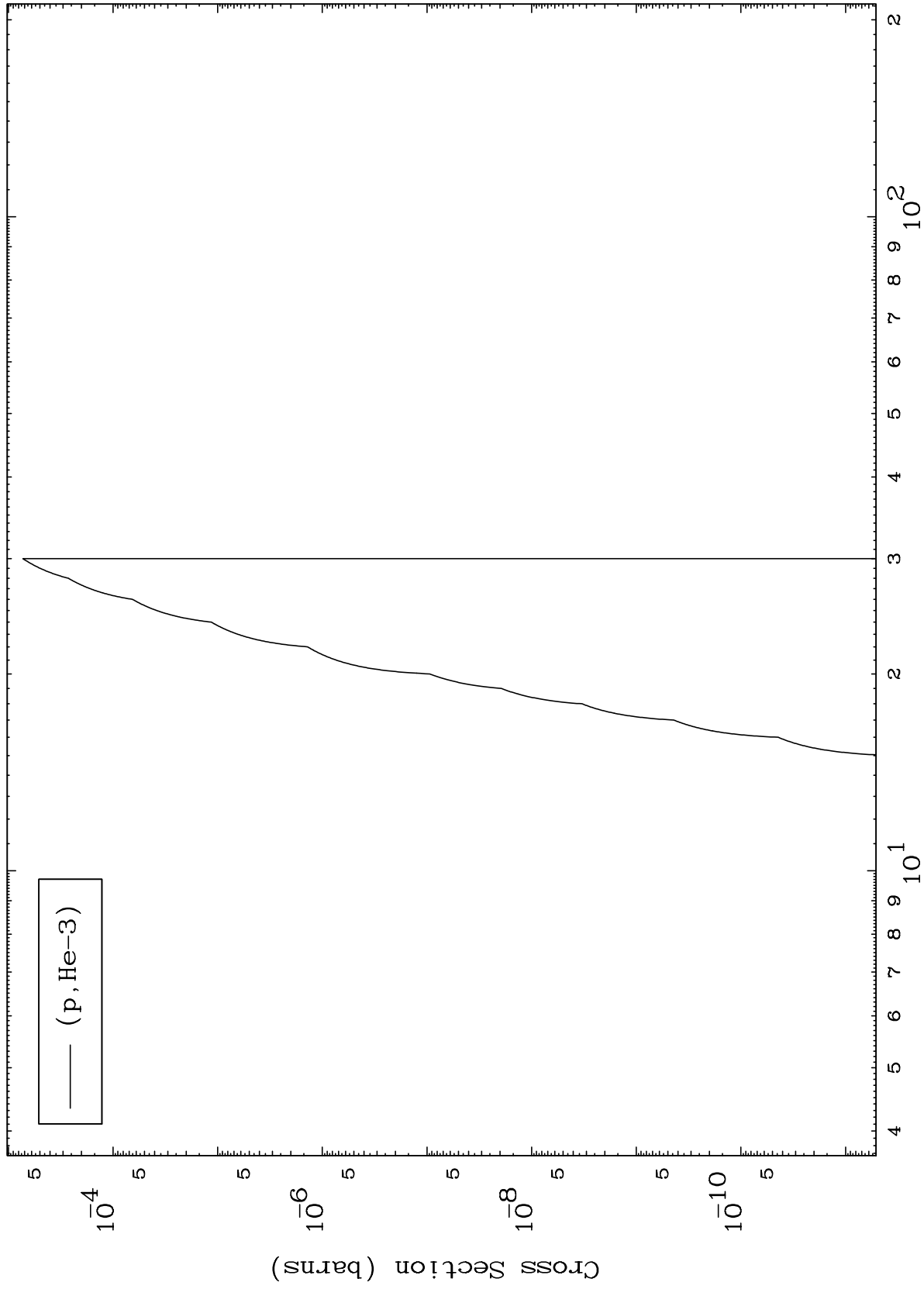
Incident Energy (MeV)

81-Tl-189

MAT 8084

(p,He3) Levels
0 Kelvin Cross Sections

81-T1-189



10

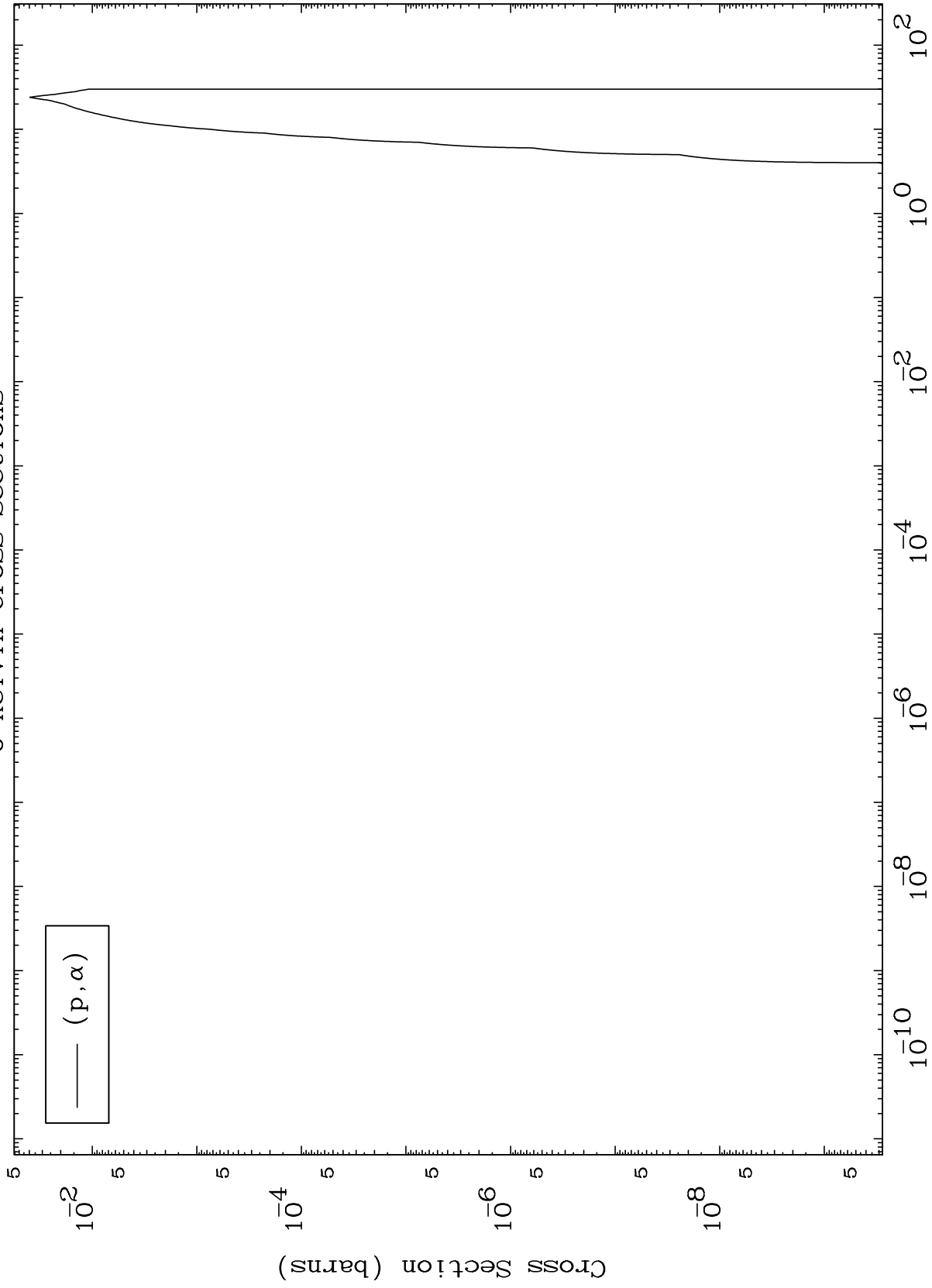
Incident Energy (MeV)

81-T1-189

MAT 8084

(p,α) Levels
0 Kelvin Cross Sections

81-Tl-189



11

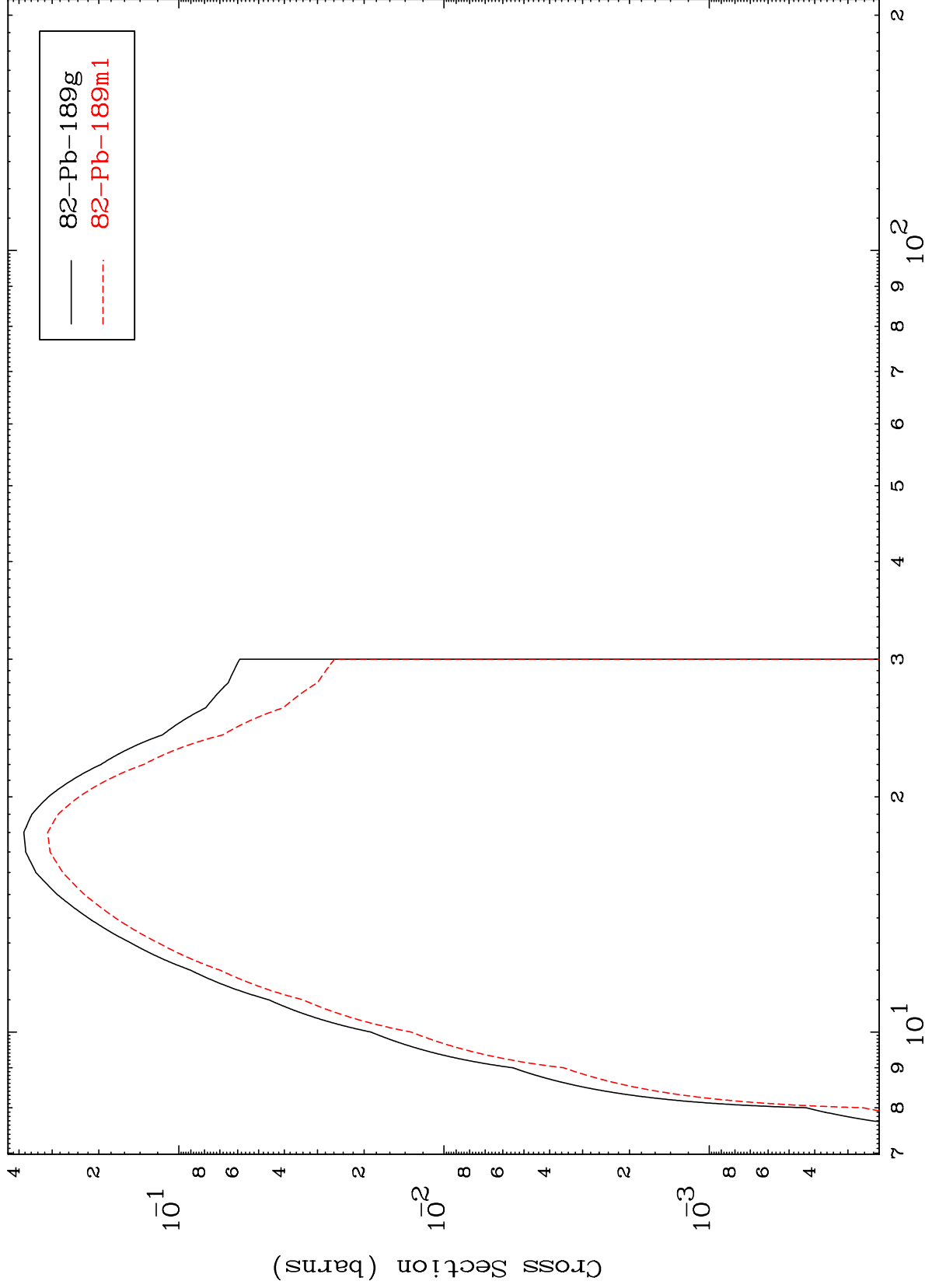
Incident Energy (MeV)

81-Tl-189

MAT 8084

Proton Inelastic
Radionuclide Production Cross Section

81-Tl-189



12

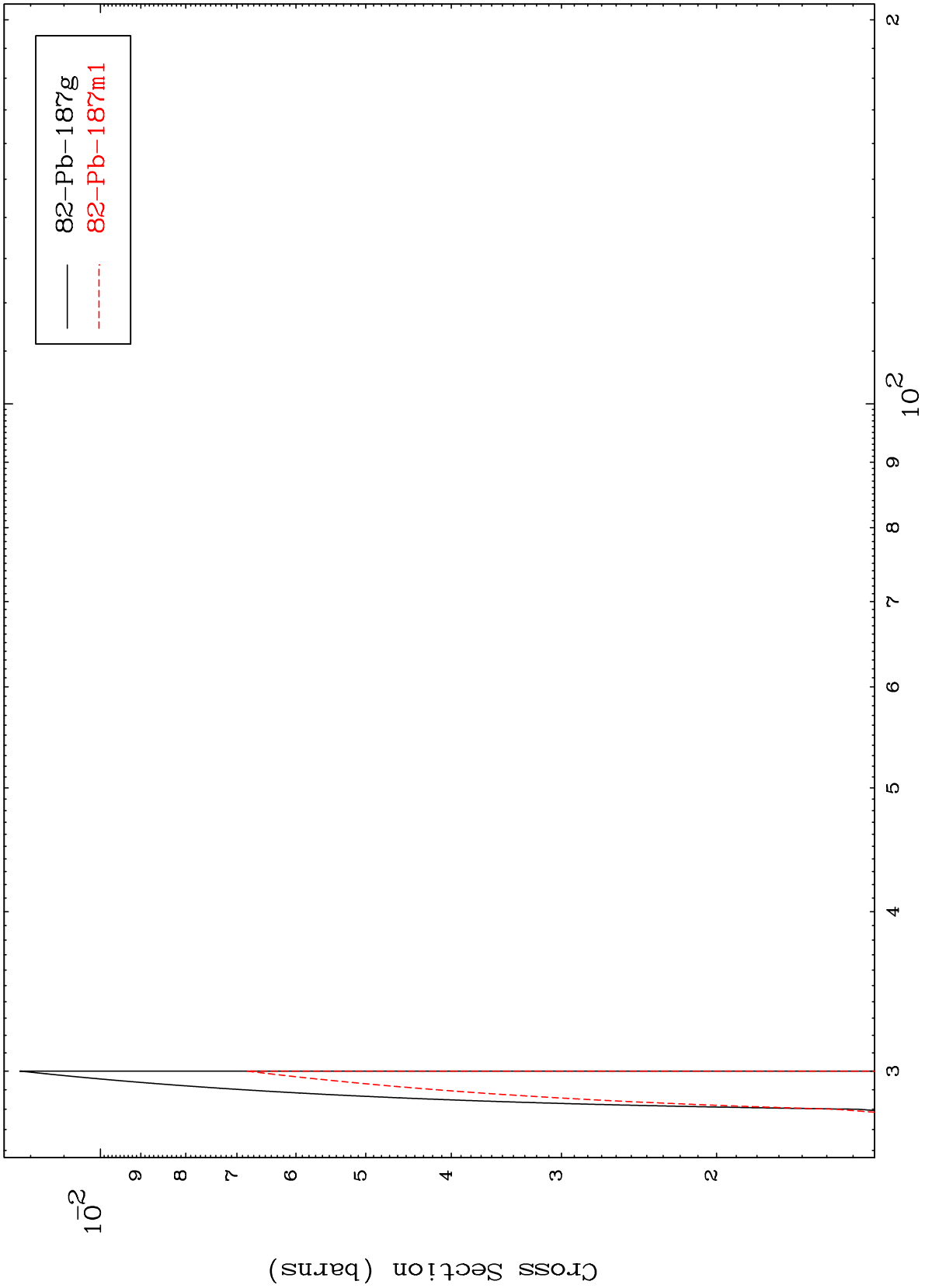
Incident Energy (MeV)

81-Tl-189

MAT 8084

81-Tl-189

(p,3n)
Radionuclide Production Cross Section



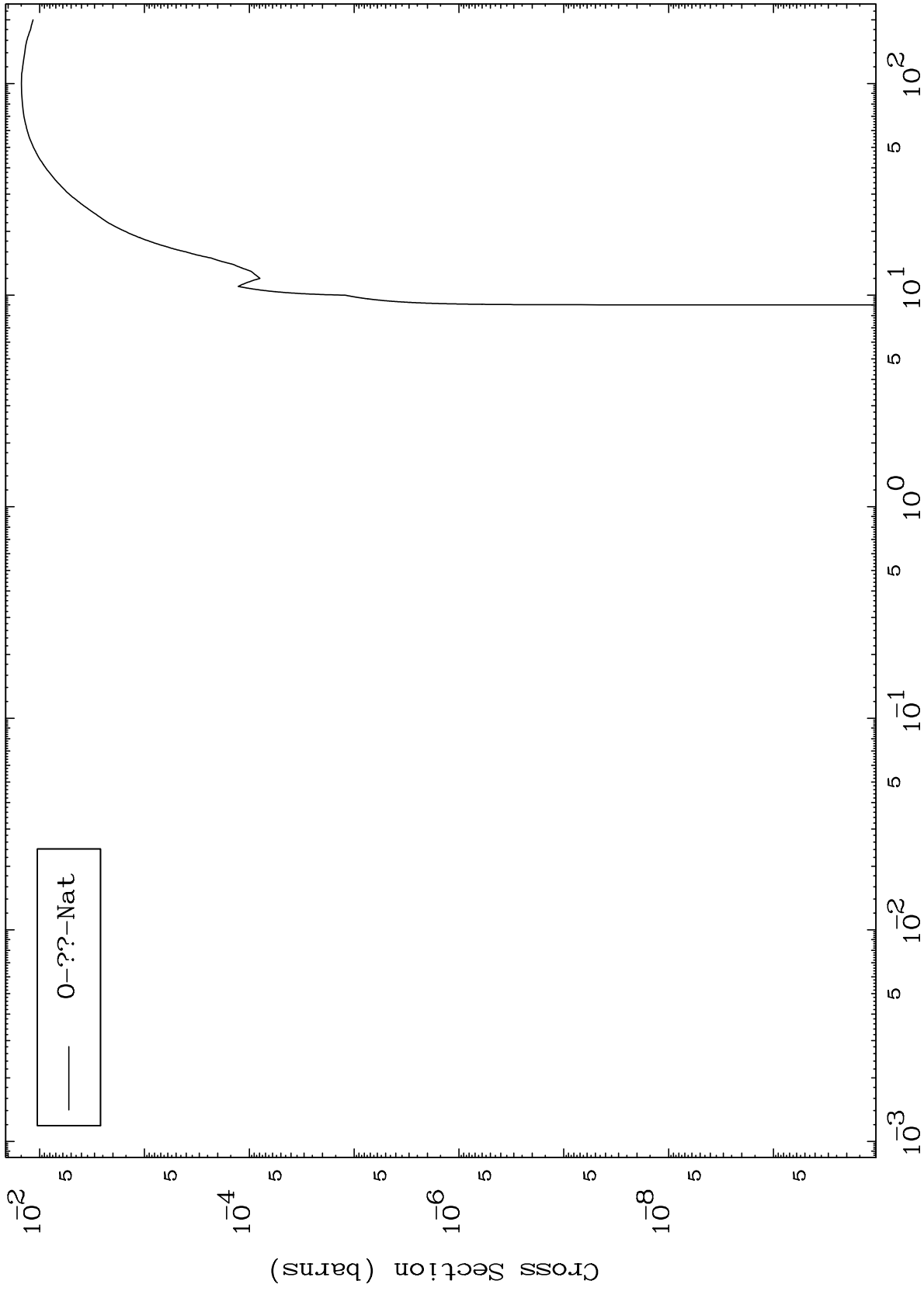
13

81-Tl-189

MAT 8084

81-Tl-189

Proton Fission
Radionuclide Production Cross Section



14

Incident Energy (MeV)

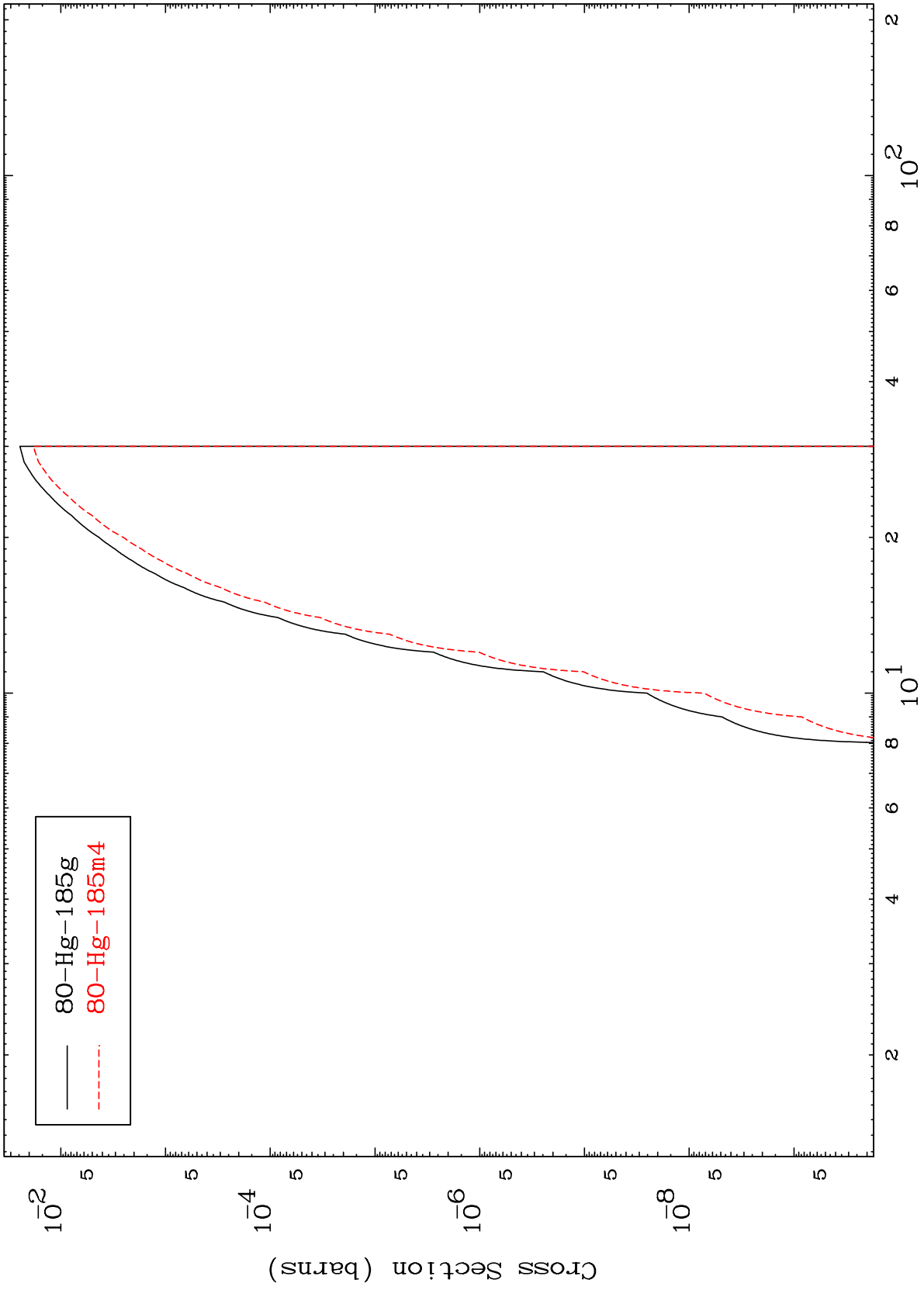
81-Tl-189

MAT 8084

(p,n') α

81-Tl-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

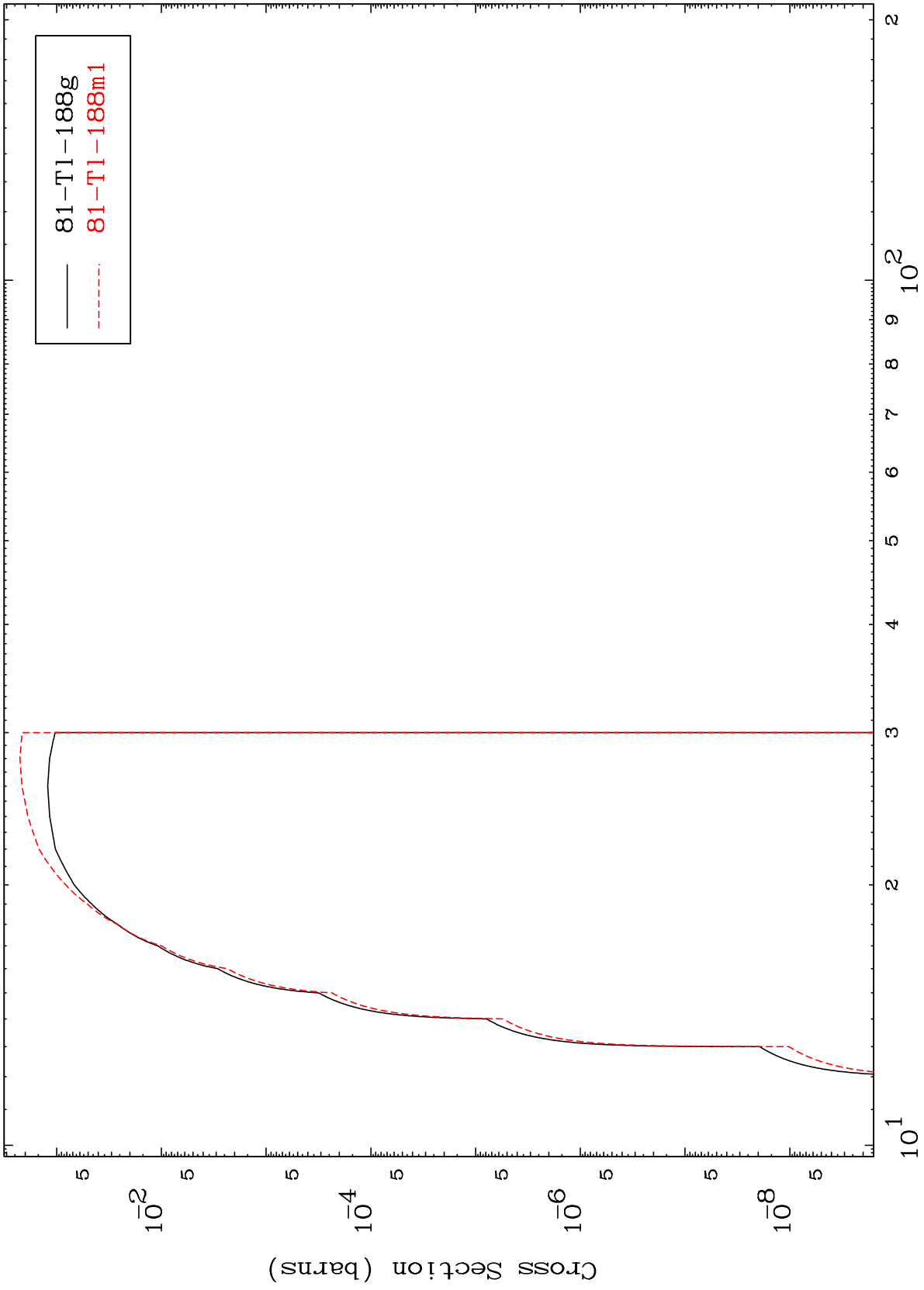
81-Tl-189

MAT 8084

(p,n') p

81-Tl-189

Radionuclide Production Cross Section



Incident Energy (MeV)

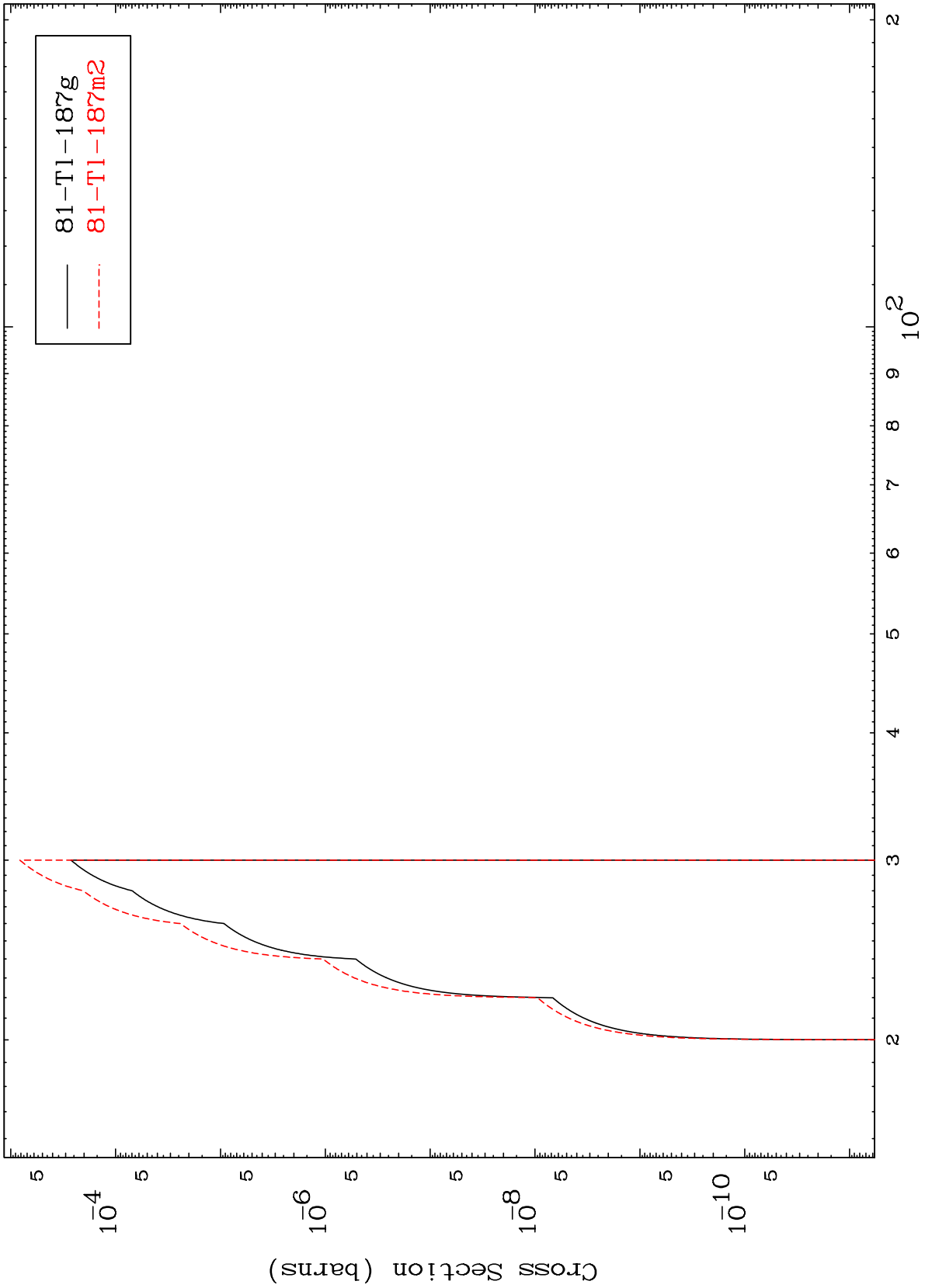
81-Tl-189

MAT 8084

(p,n') d

81-Tl-189

Radionuclide Production Cross Section



17

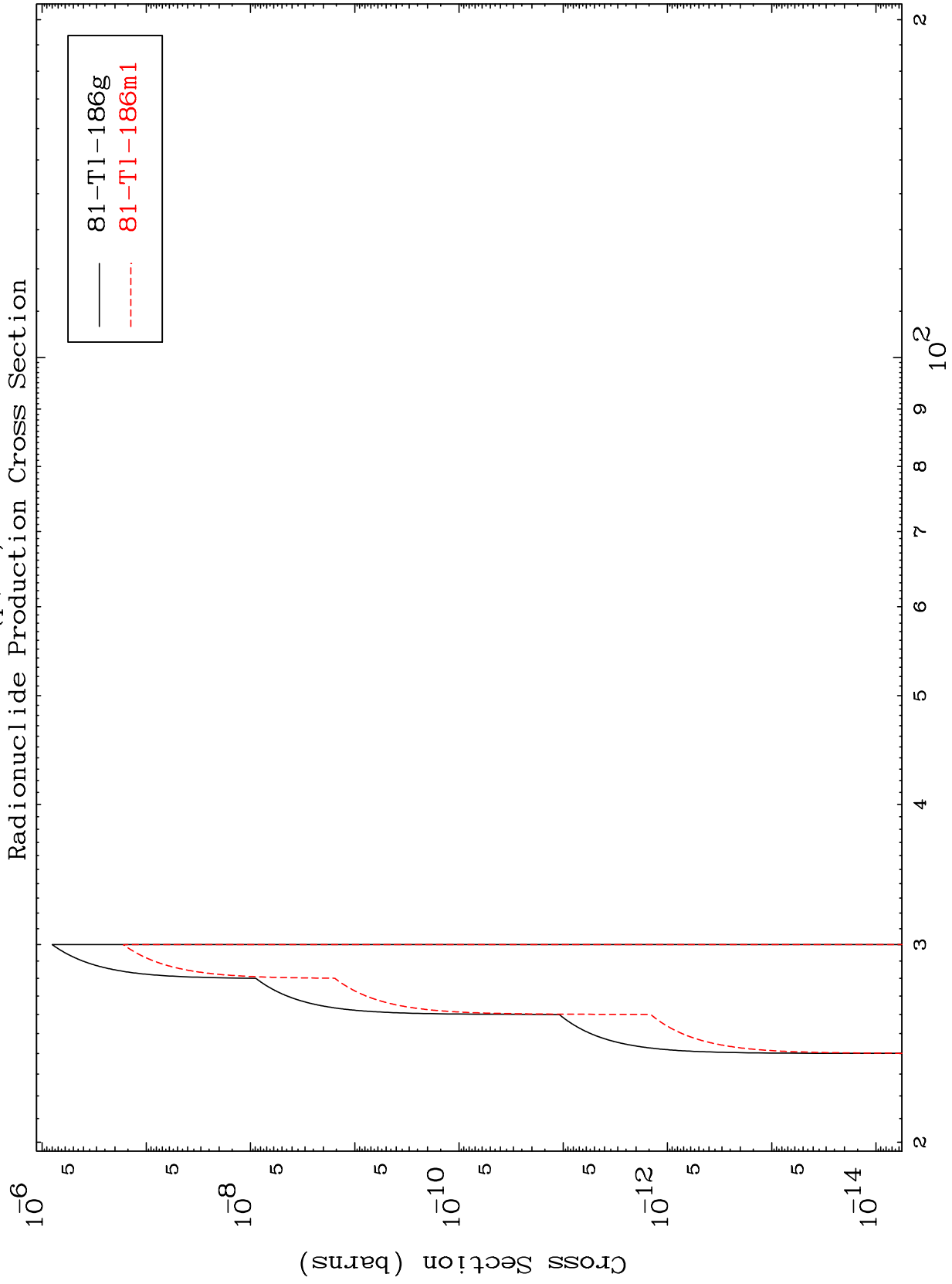
Incident Energy (MeV)

81-Tl-189

MAT 8084

(p,n') t

81-Tl-189



18

Incident Energy (MeV)

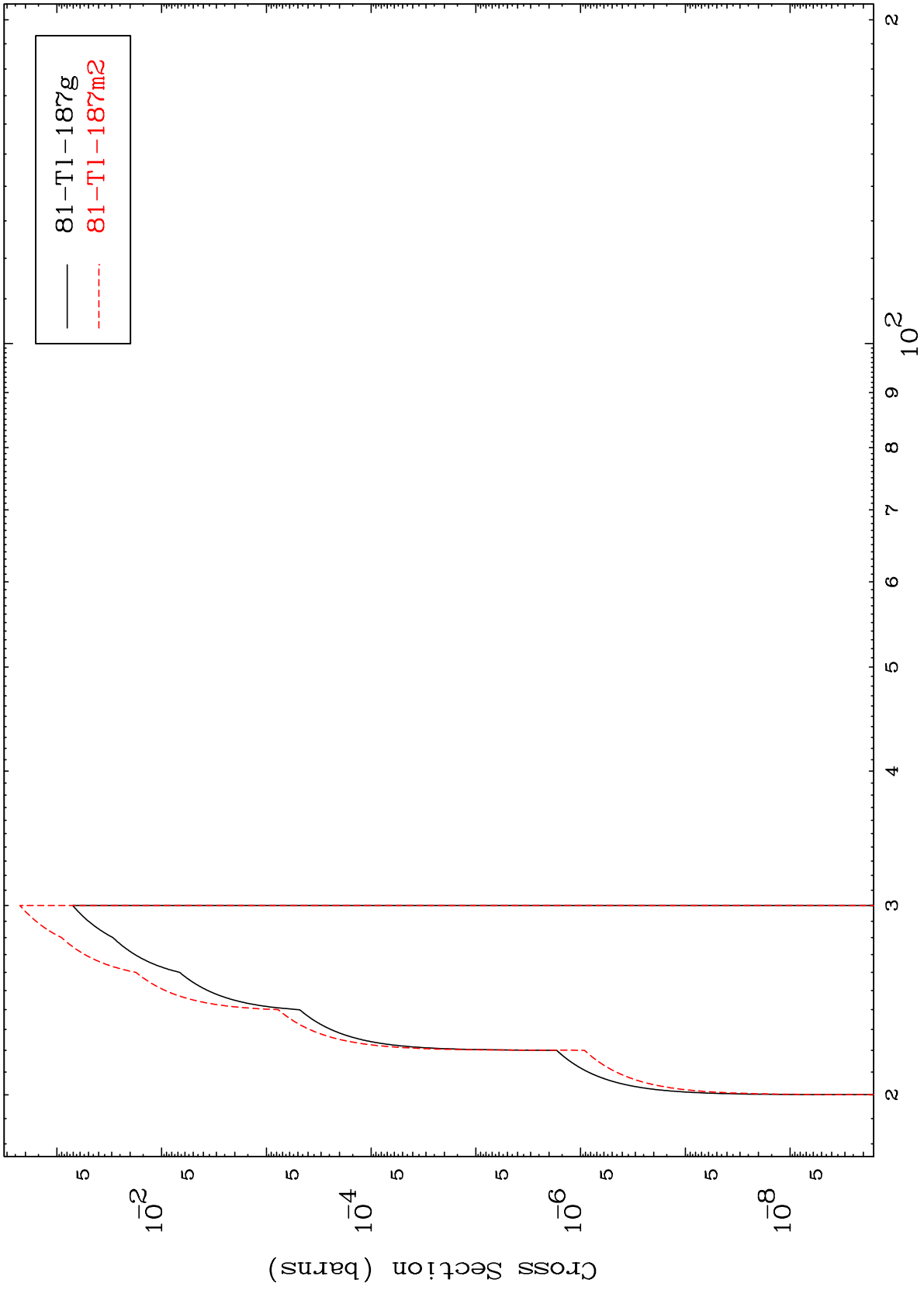
81-Tl-189

MAT 8084

(p,2n) p

81-Tl-189

Radionuclide Production Cross Section



19

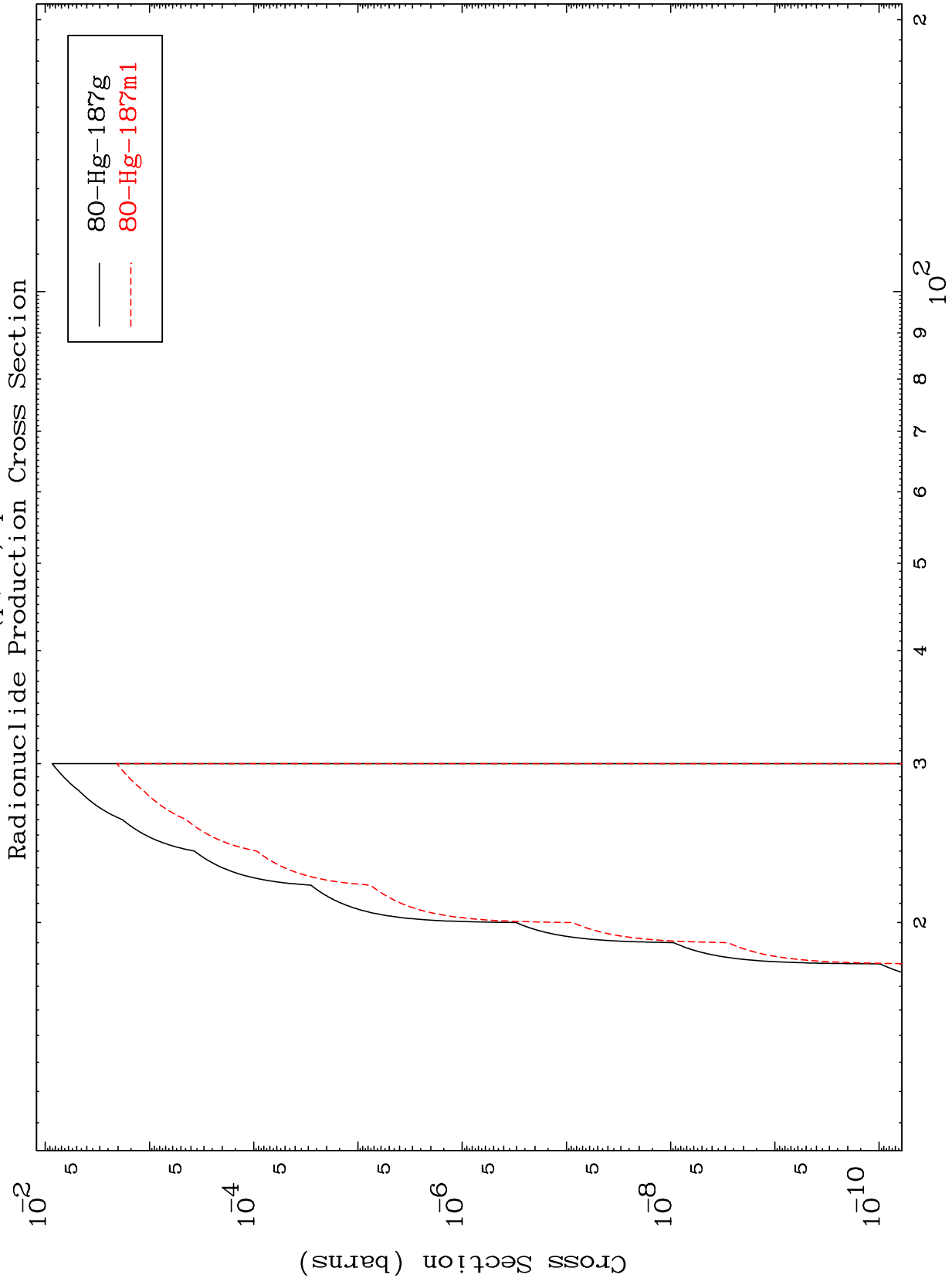
Incident Energy (MeV)

81-Tl-189

MAT 8084

(p,2n) p

81-Tl-189



20

Incident Energy (MeV)

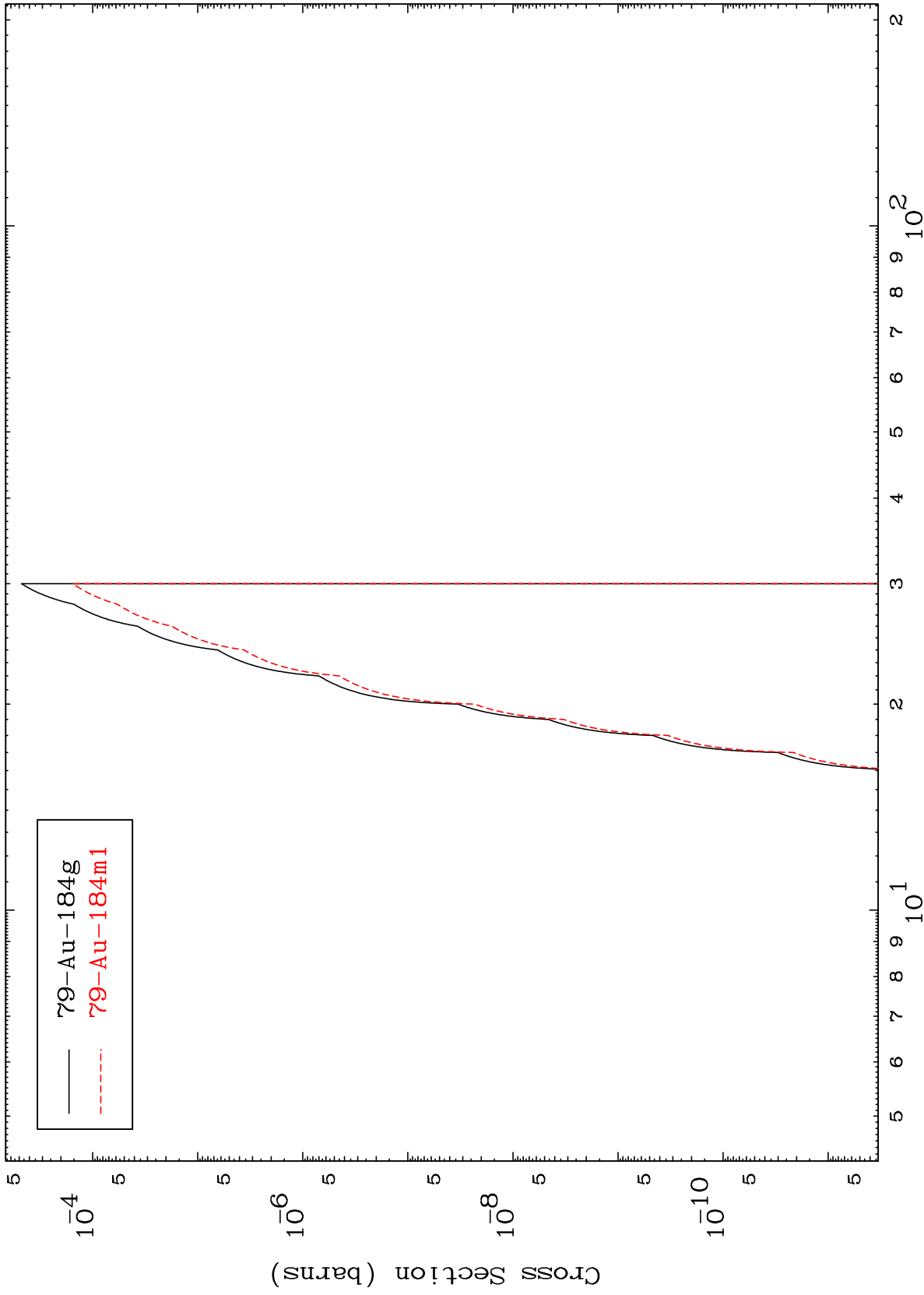
81-Tl-189

MAT 8084

(p,n) p α

81-Tl-189

Radionuclide Production Cross Section



21

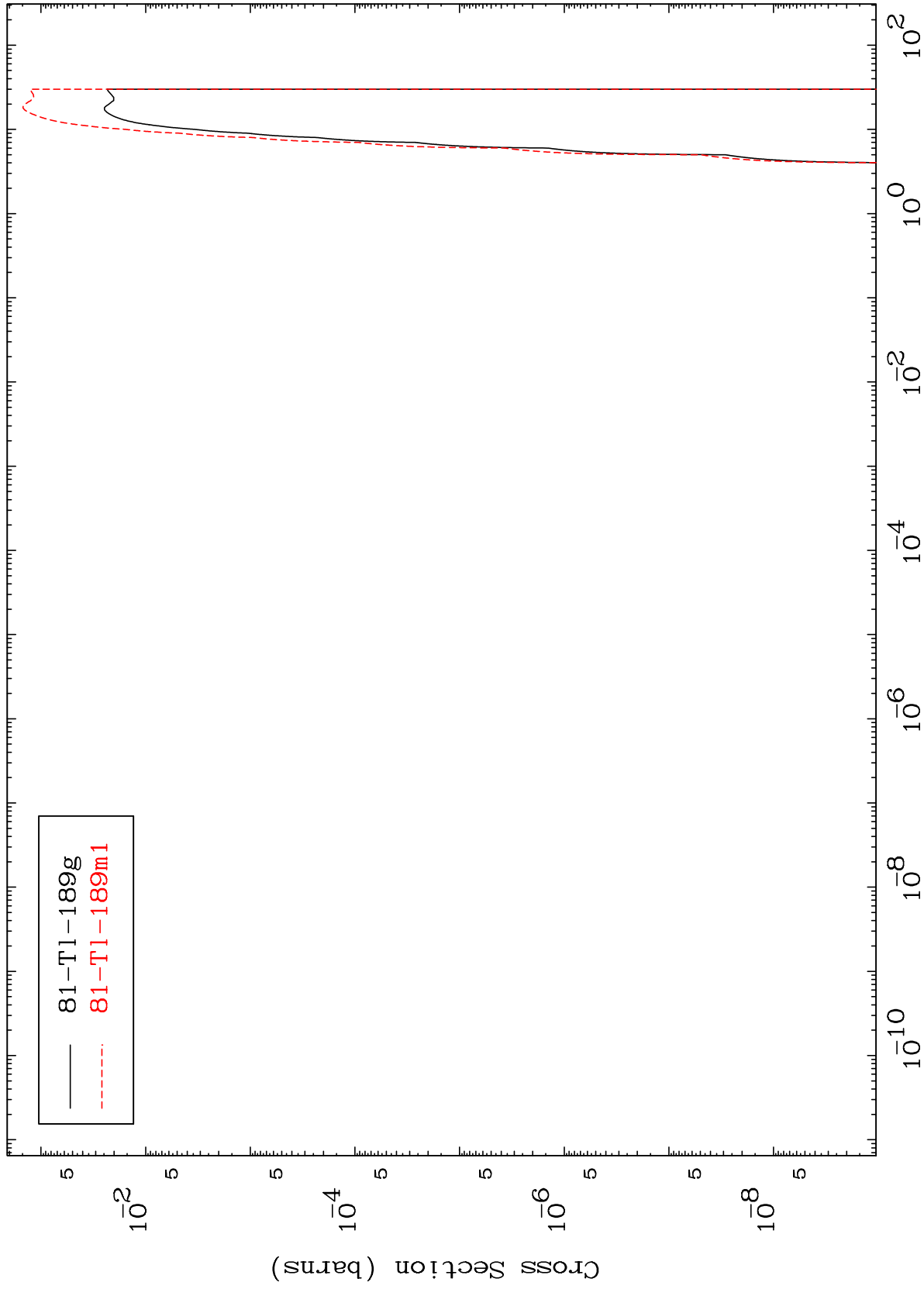
Incident Energy (MeV)

81-Tl-189

MAT 8084

Radionuclide Production Cross Section
(p,p)

81-Tl-189



22

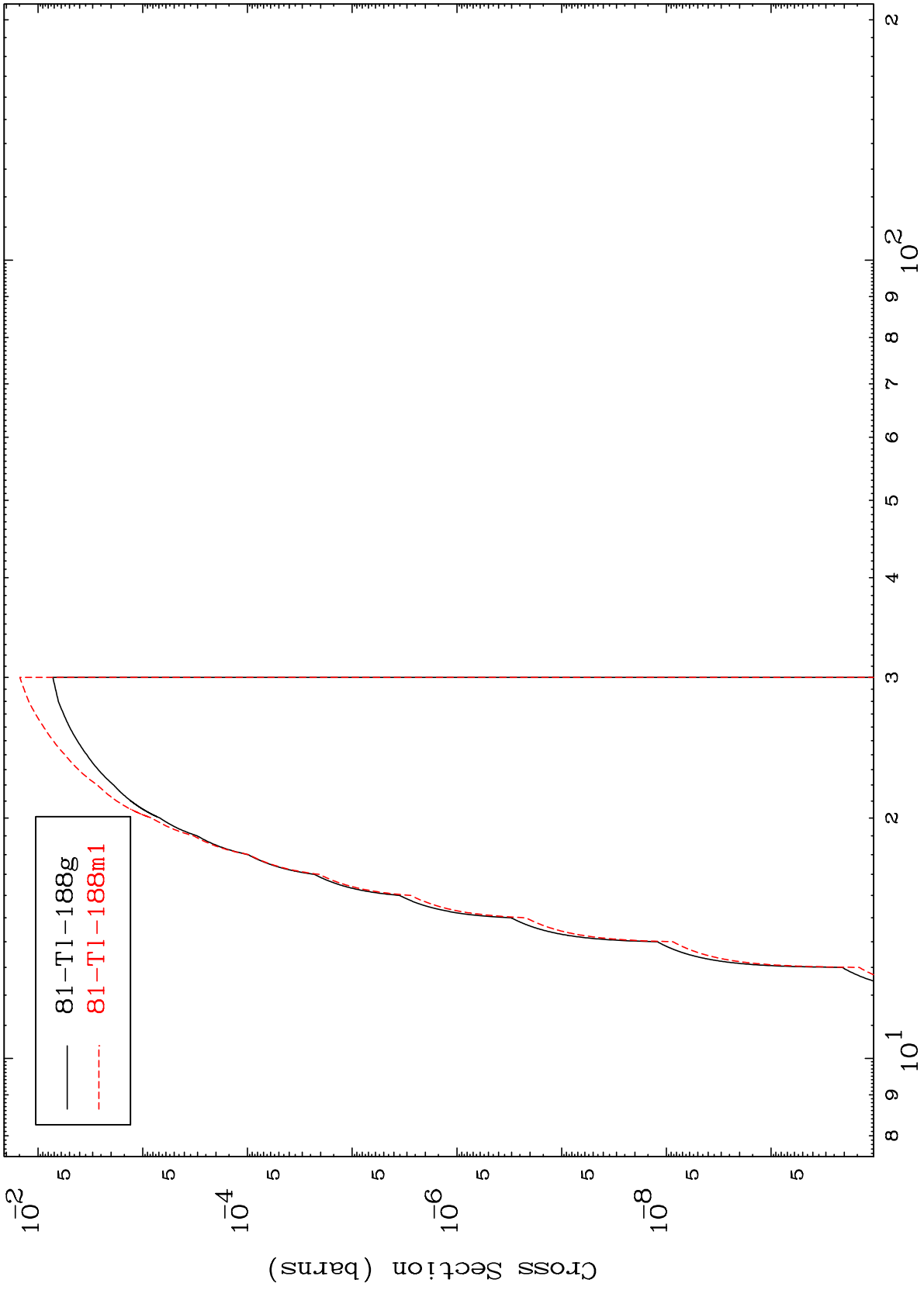
Incident Energy (MeV)

81-Tl-189

MAT 8084

81-Tl-189

(p,d)
Radionuclide Production Cross Section



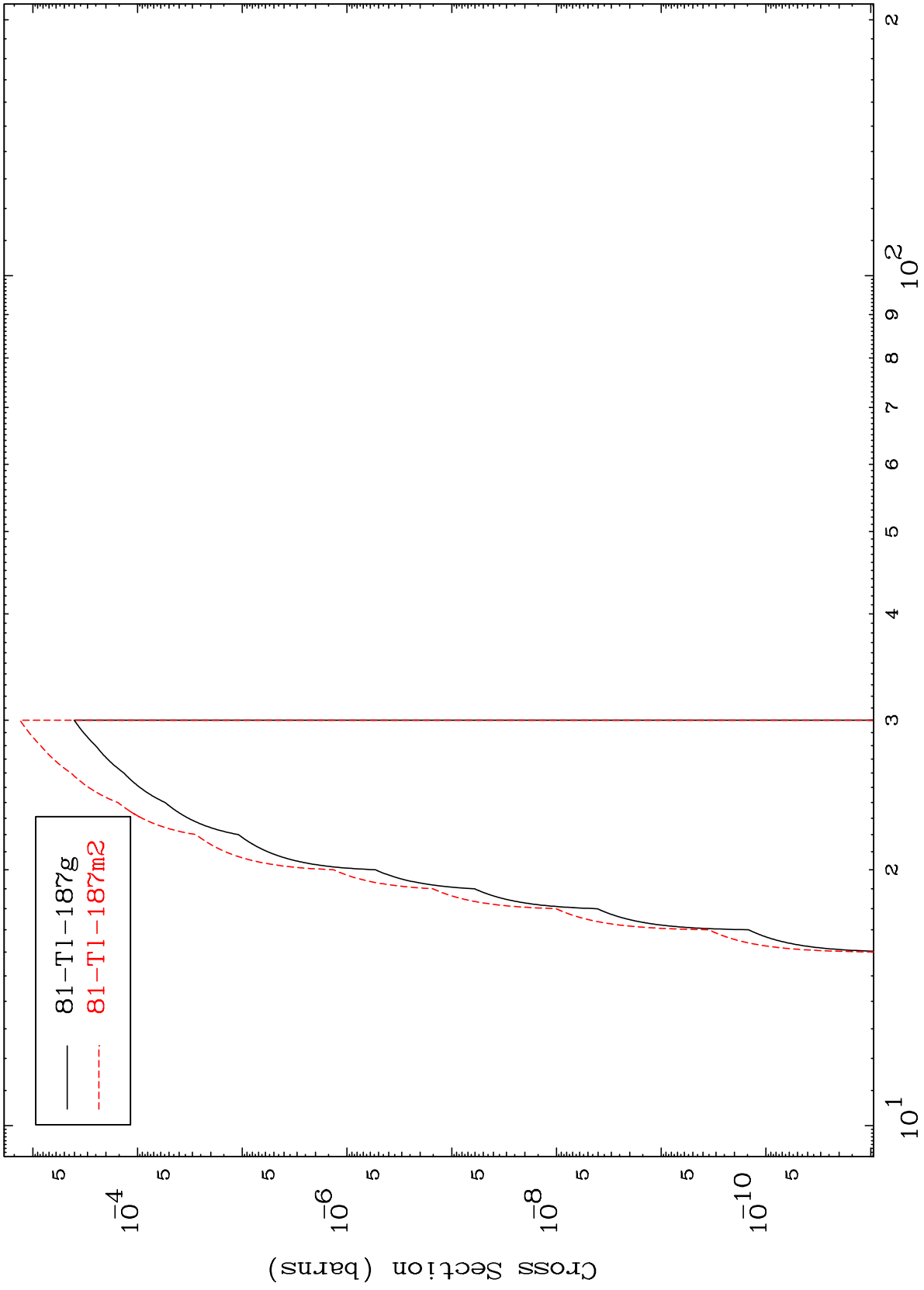
23

81-Tl-189

MAT 8084

81-Tl-189

(p, t)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

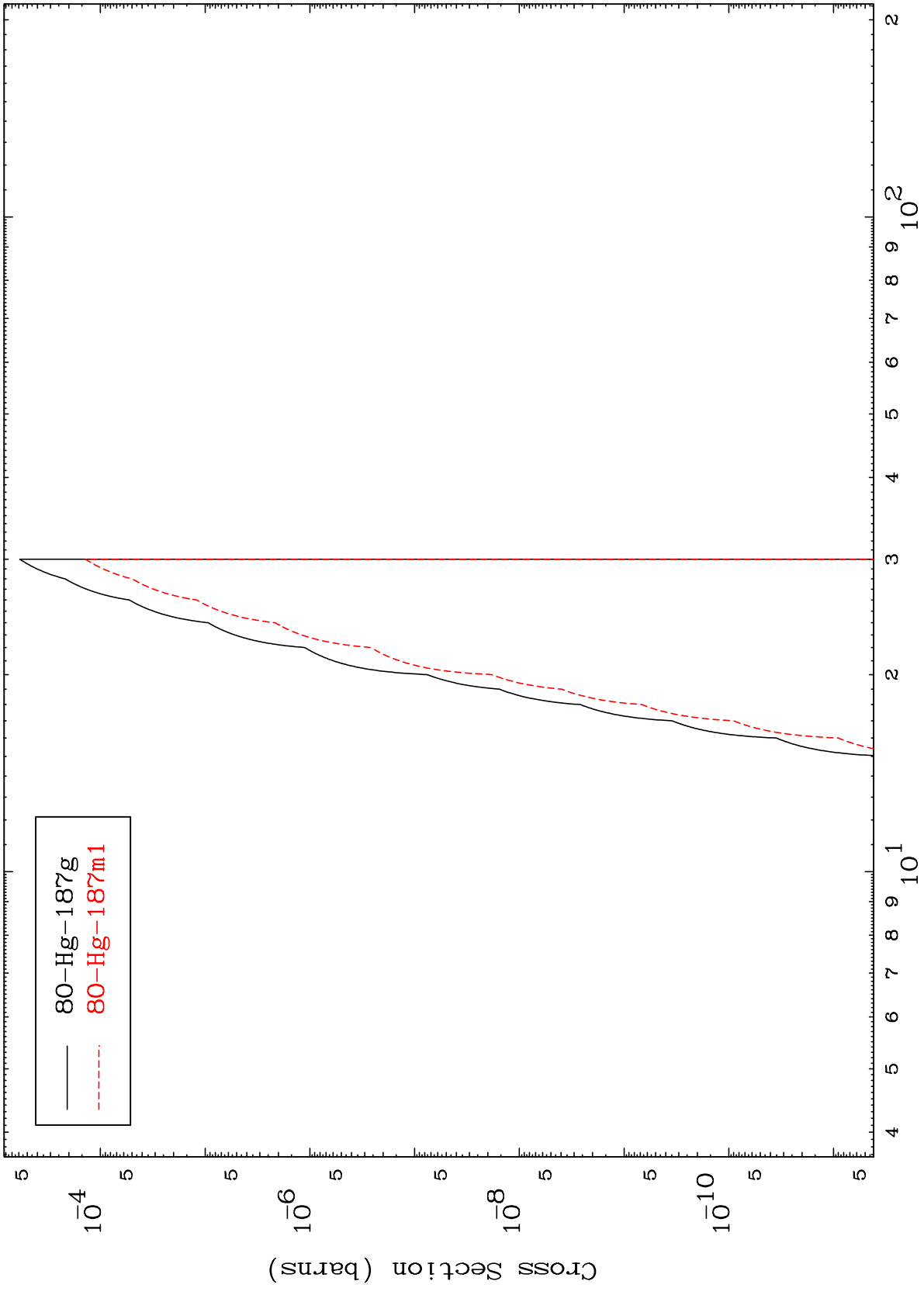
81-Tl-189

MAT 8084

(p,He-3)

81-Tl-189

Radionuclide Production Cross Section



— 80-Hg-187g
- - - 80-Hg-187m1

25

Incident Energy (MeV)

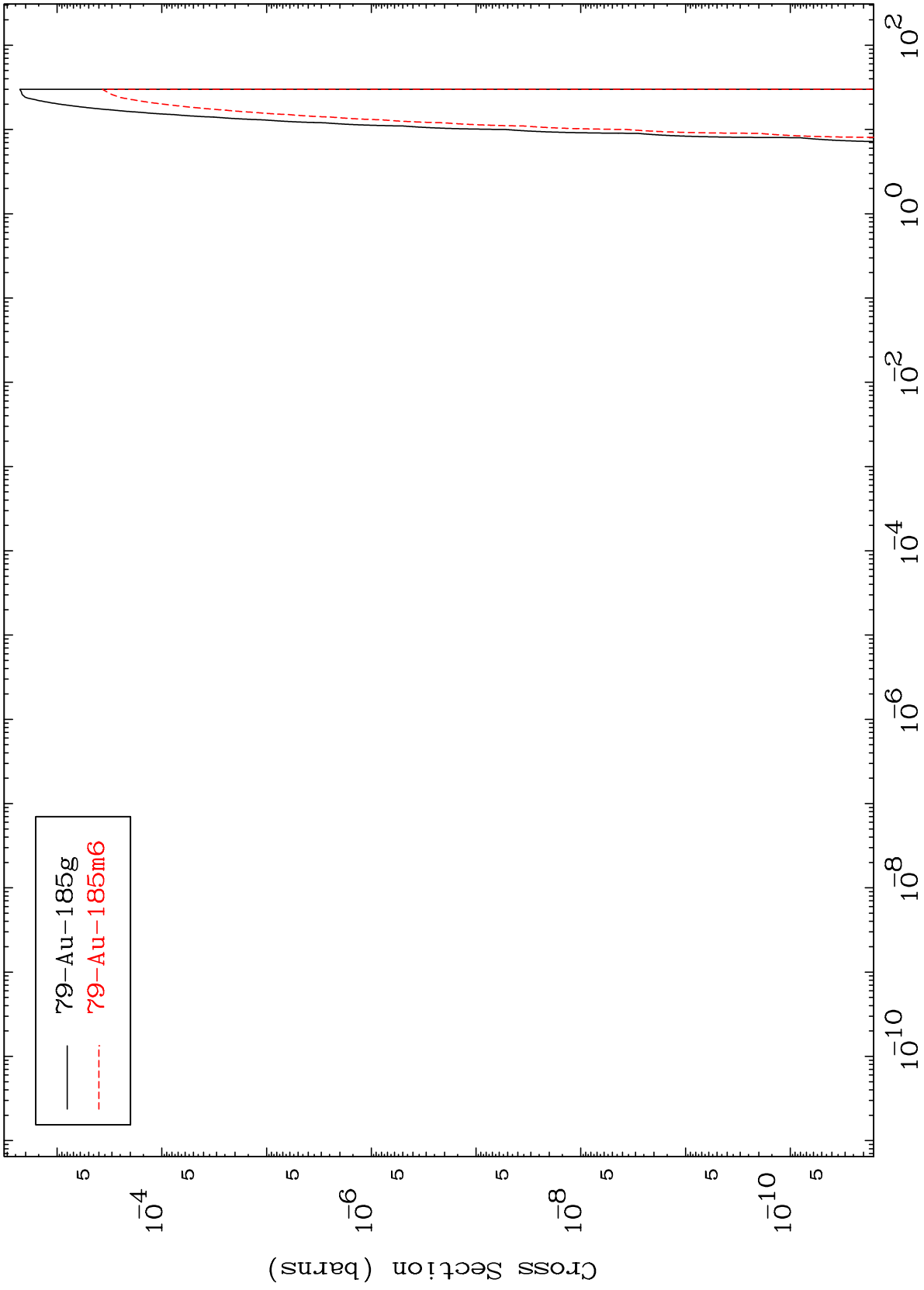
81-Tl-189

MAT 8084

(p,p) α

81-Tl-189

Radionuclide Production Cross Section



26

Incident Energy (MeV)

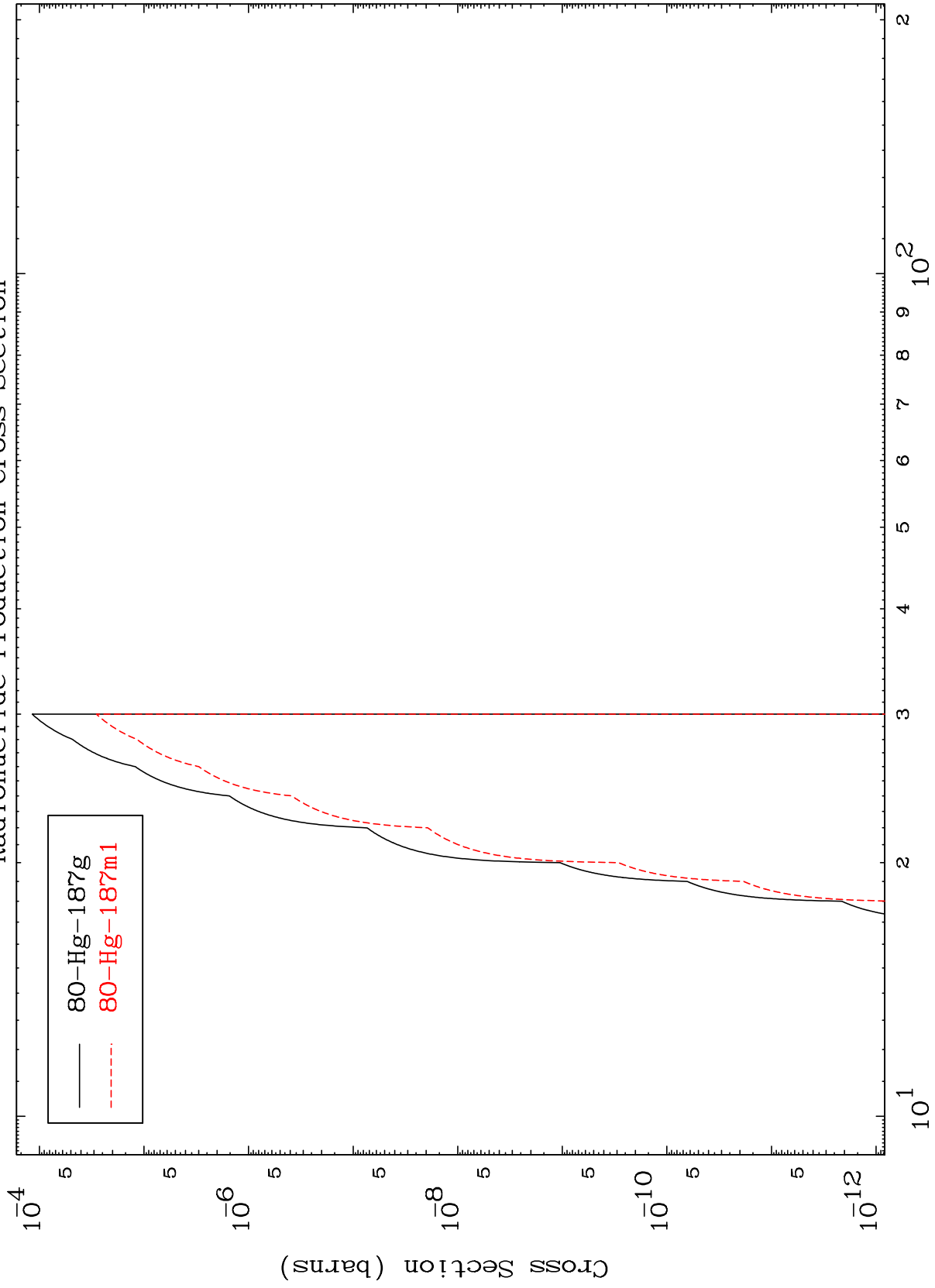
81-Tl-189

MAT 8084

(p,p) d

81-Tl-189

Radionuclide Production Cross Section



27

Incident Energy (MeV)

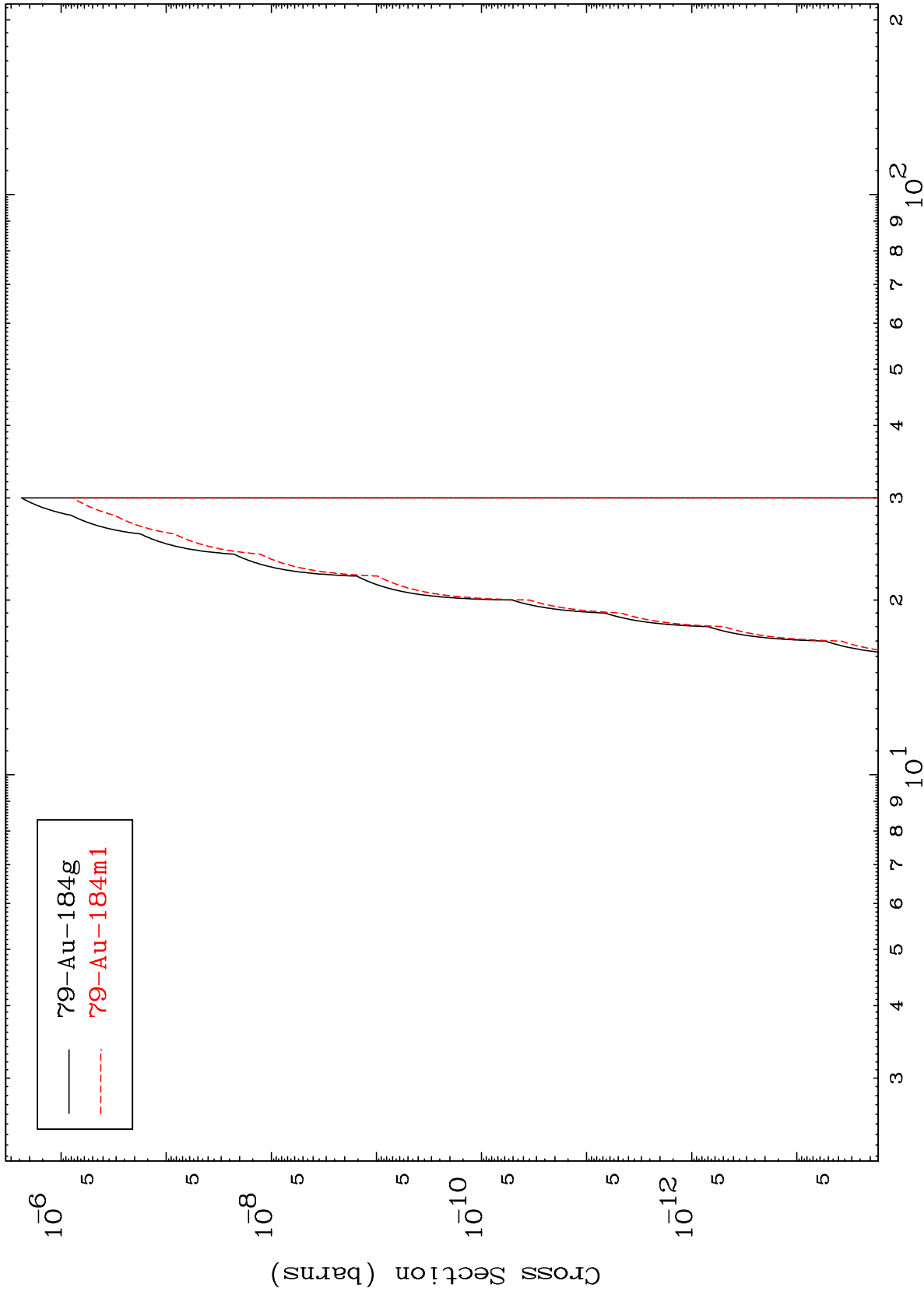
81-Tl-189

MAT 8084

(p,d) α

81-Tl-189

Radionuclide Production Cross Section



28

81-Tl-189