

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

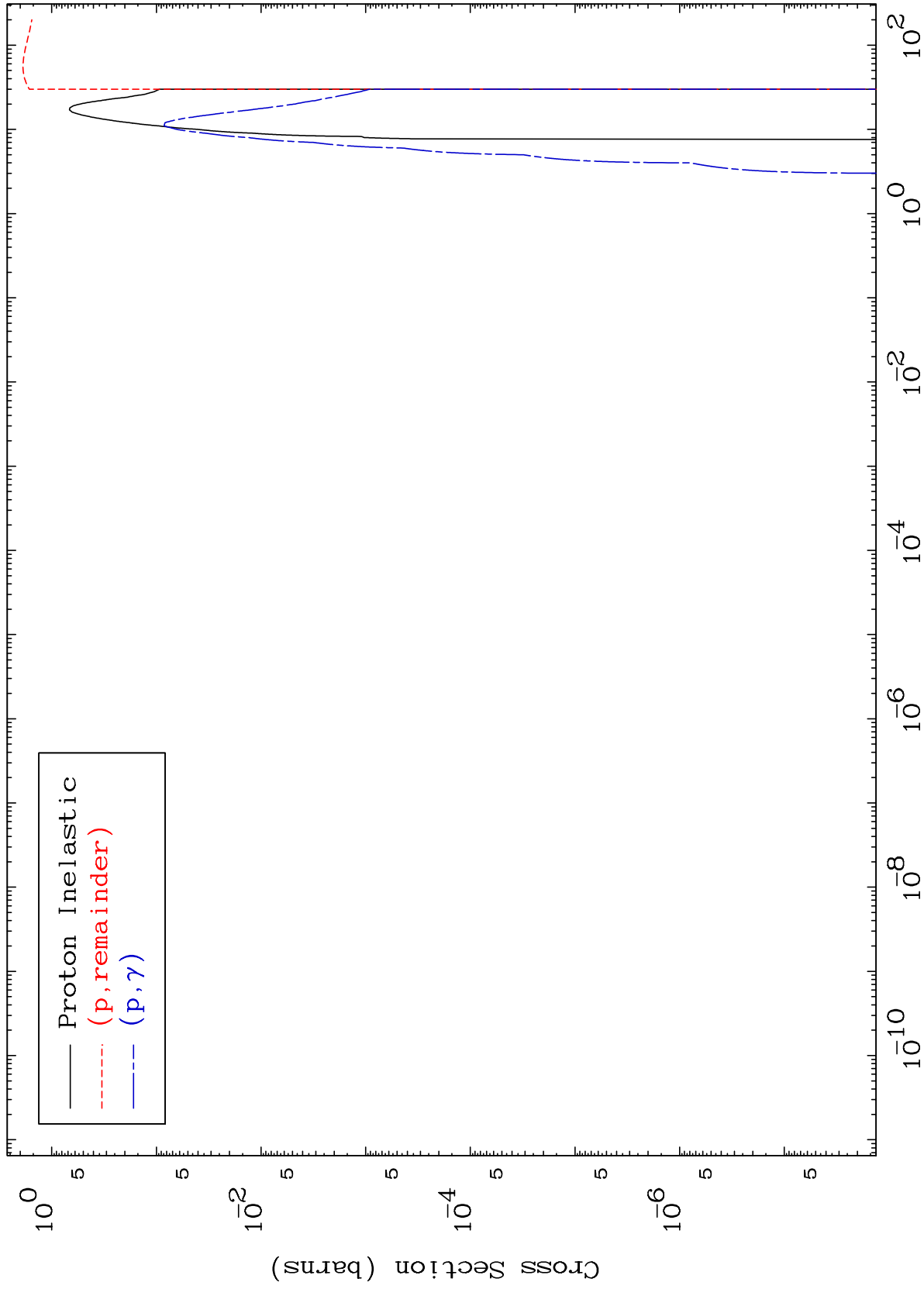
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8083

Proton Major
0 Kelvin Cross Sections

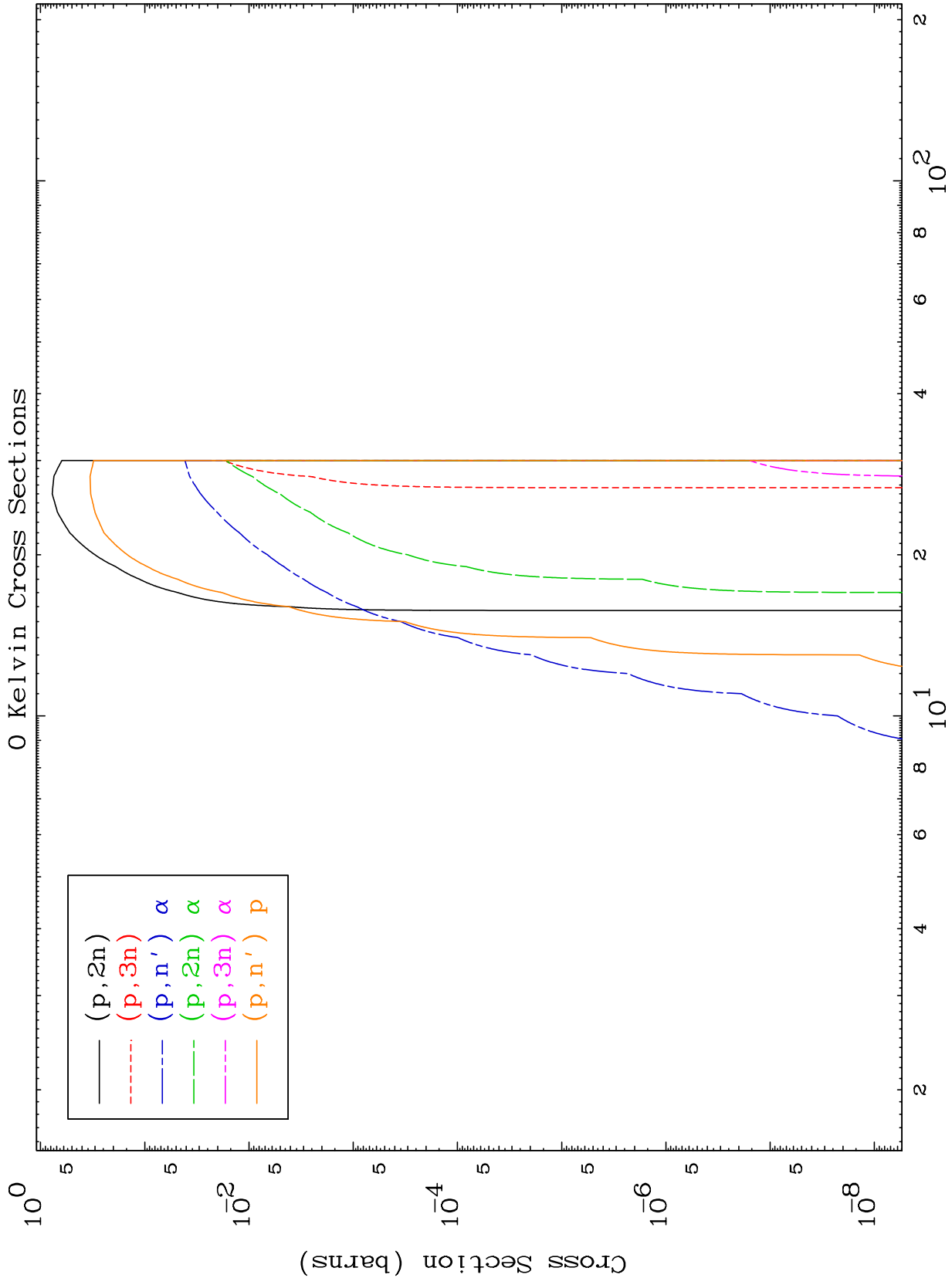
81-Tl-189



1

Incident Energy (MeV)

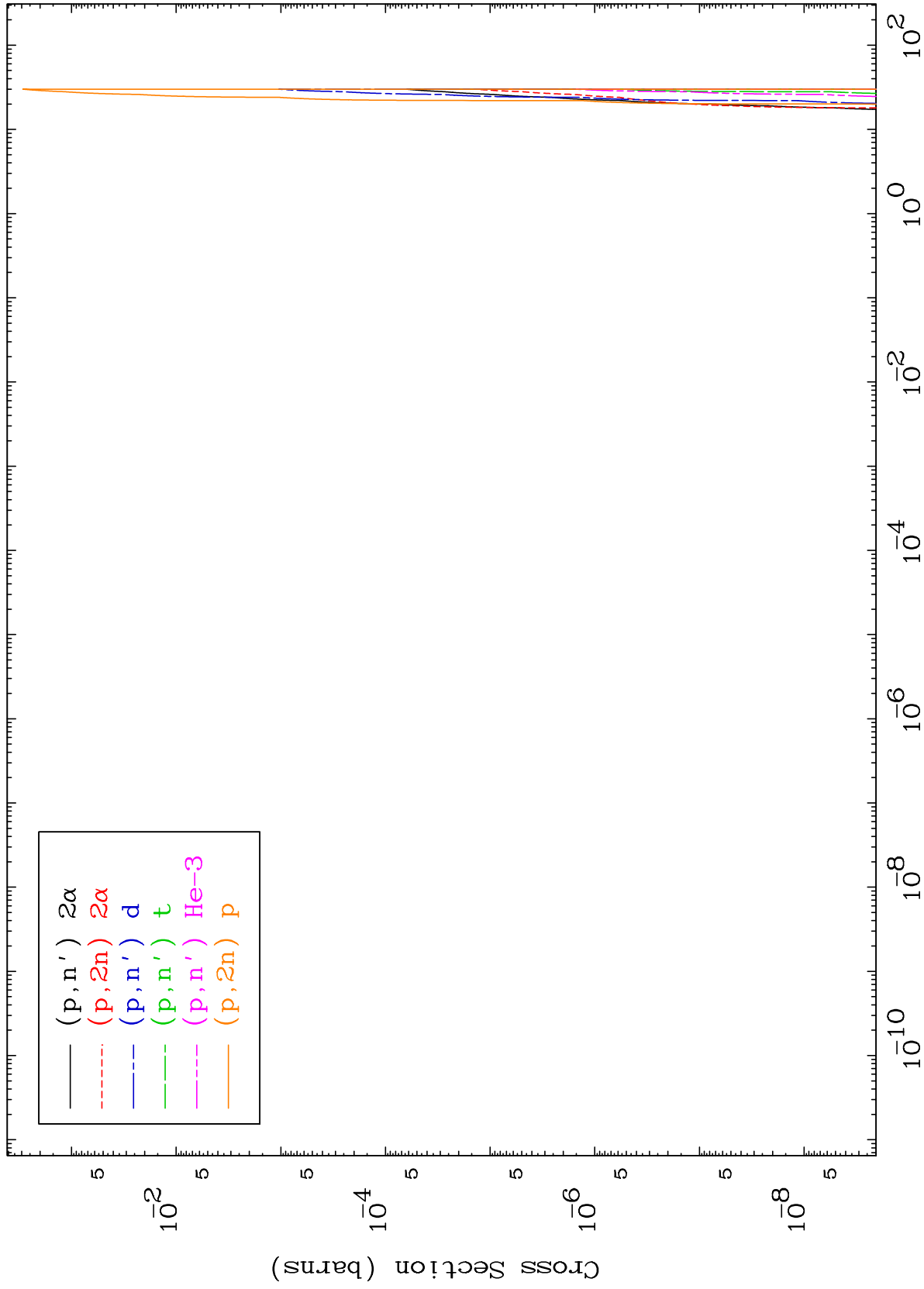
81-Tl-189



MAT 8083

Proton Neutron Production
0 Kelvin Cross Sections

81-Tl-189



3

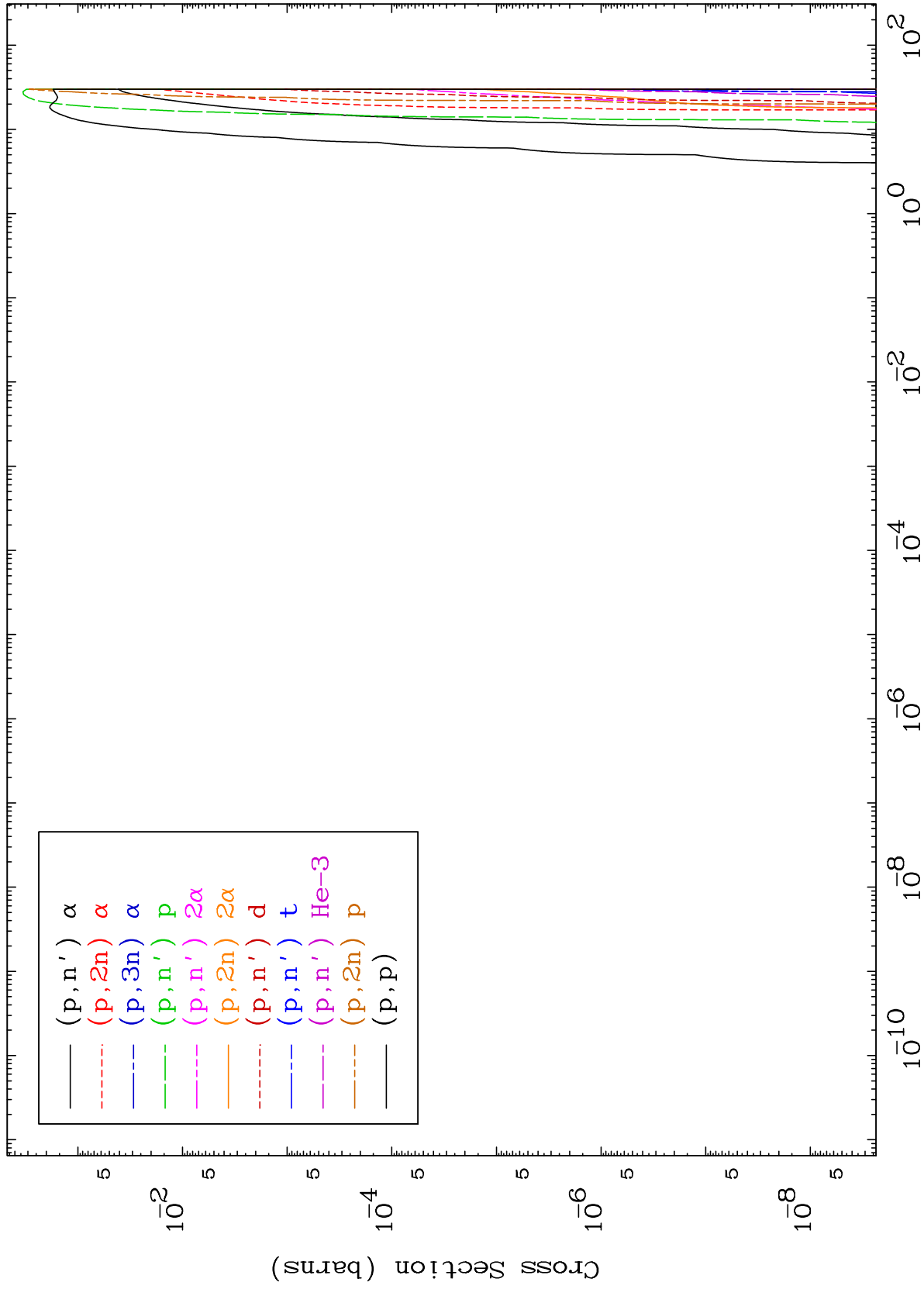
Incident Energy (MeV)

81-Tl-189

MAT 8083

Proton Charged Particle
0 Kelvin Cross Sections

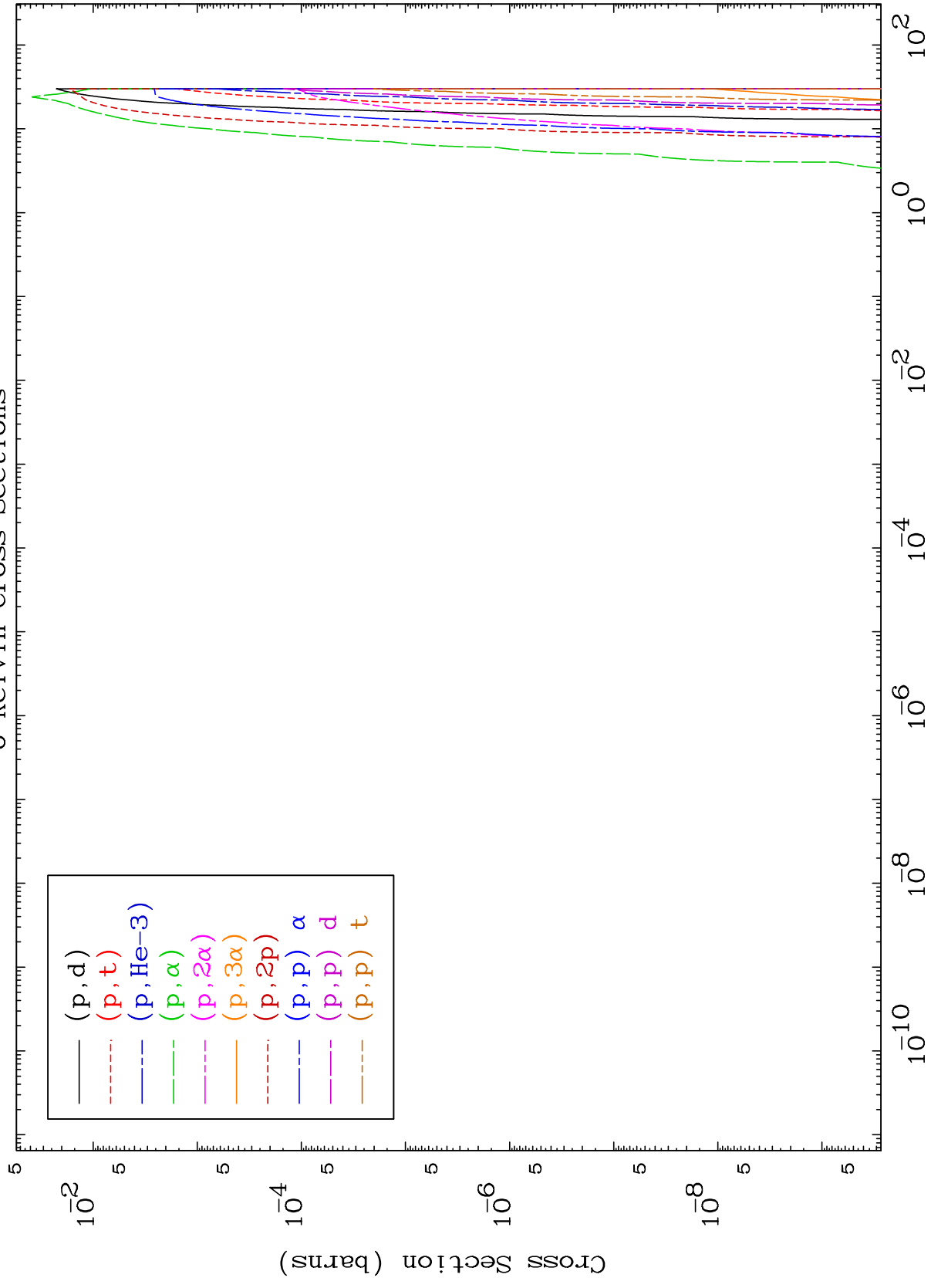
81-Tl-189



MAT 8083

Proton Charged Particle
0 Kelvin Cross Sections

81-Tl-189



5

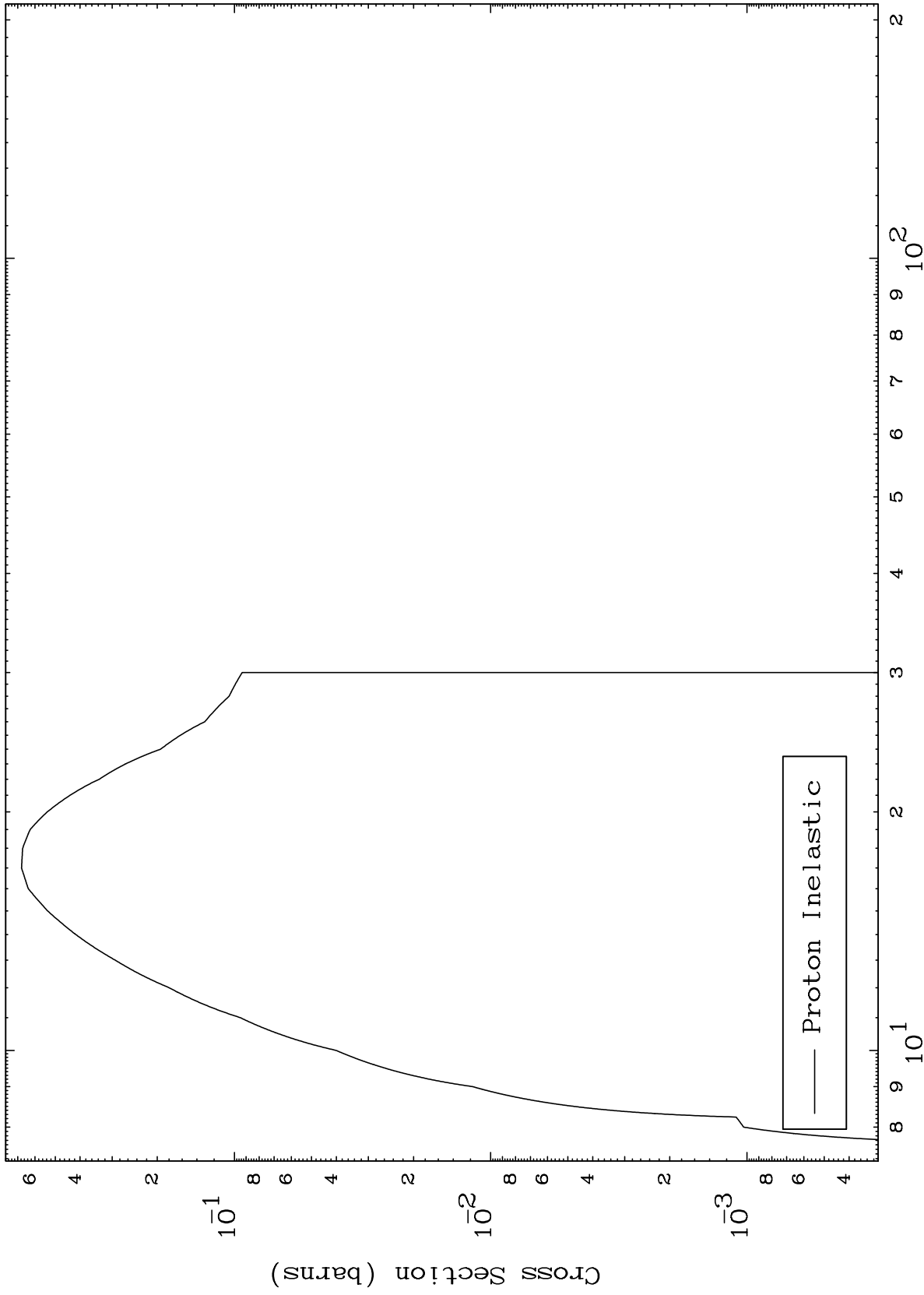
Incident Energy (MeV)

81-Tl-189

MAT 8083

(p,n') Level
0 Kelvin Cross Sections

81-Tl-189



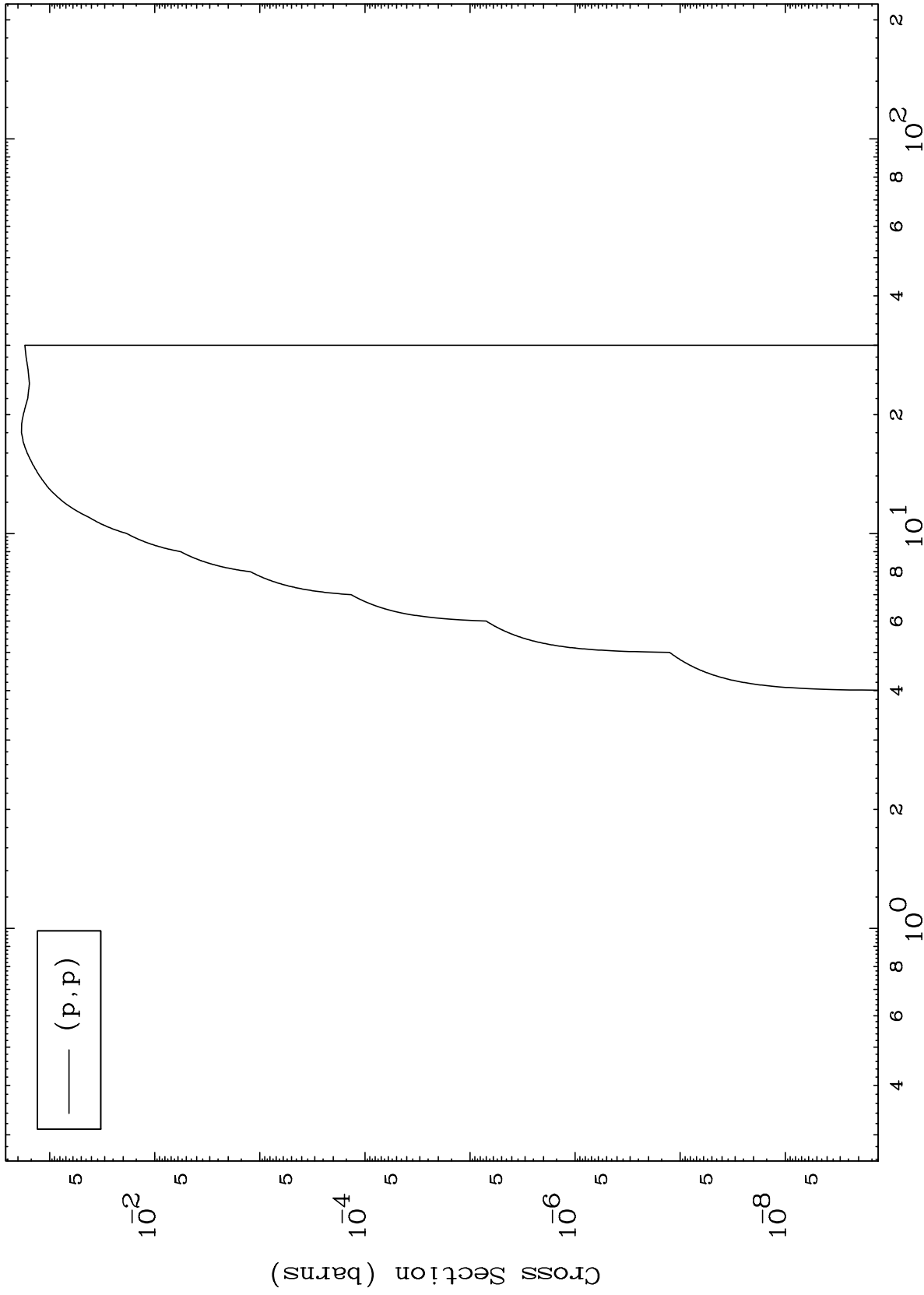
Incident Energy (MeV)

81-Tl-189

MAT 8083

(p,p) Levels
0 Kelvin Cross Sections

81-Tl-189



7

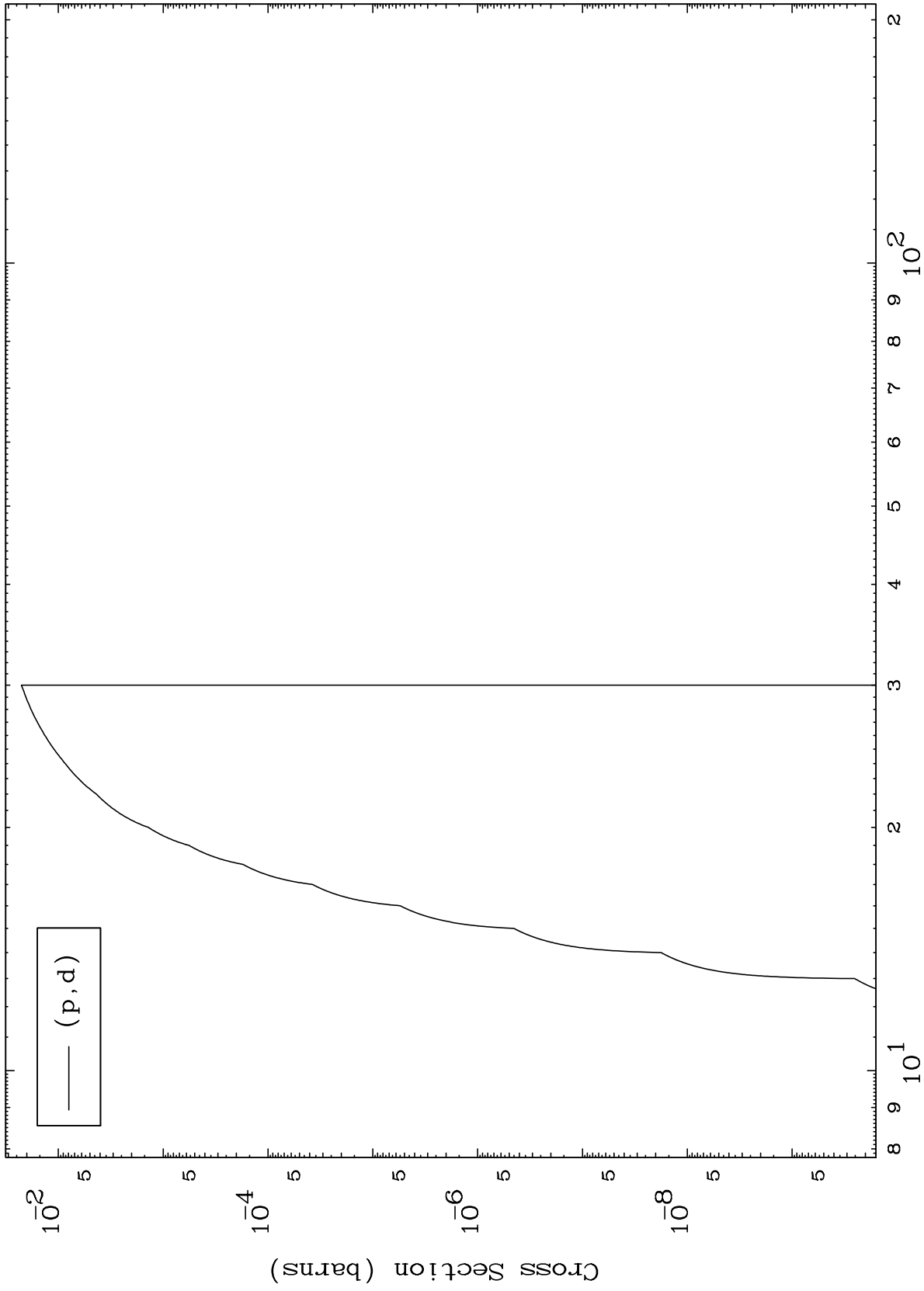
Incident Energy (MeV)

81-Tl-189

MAT 8083

(p,d) Levels
0 Kelvin Cross Sections

81-Tl-189



8

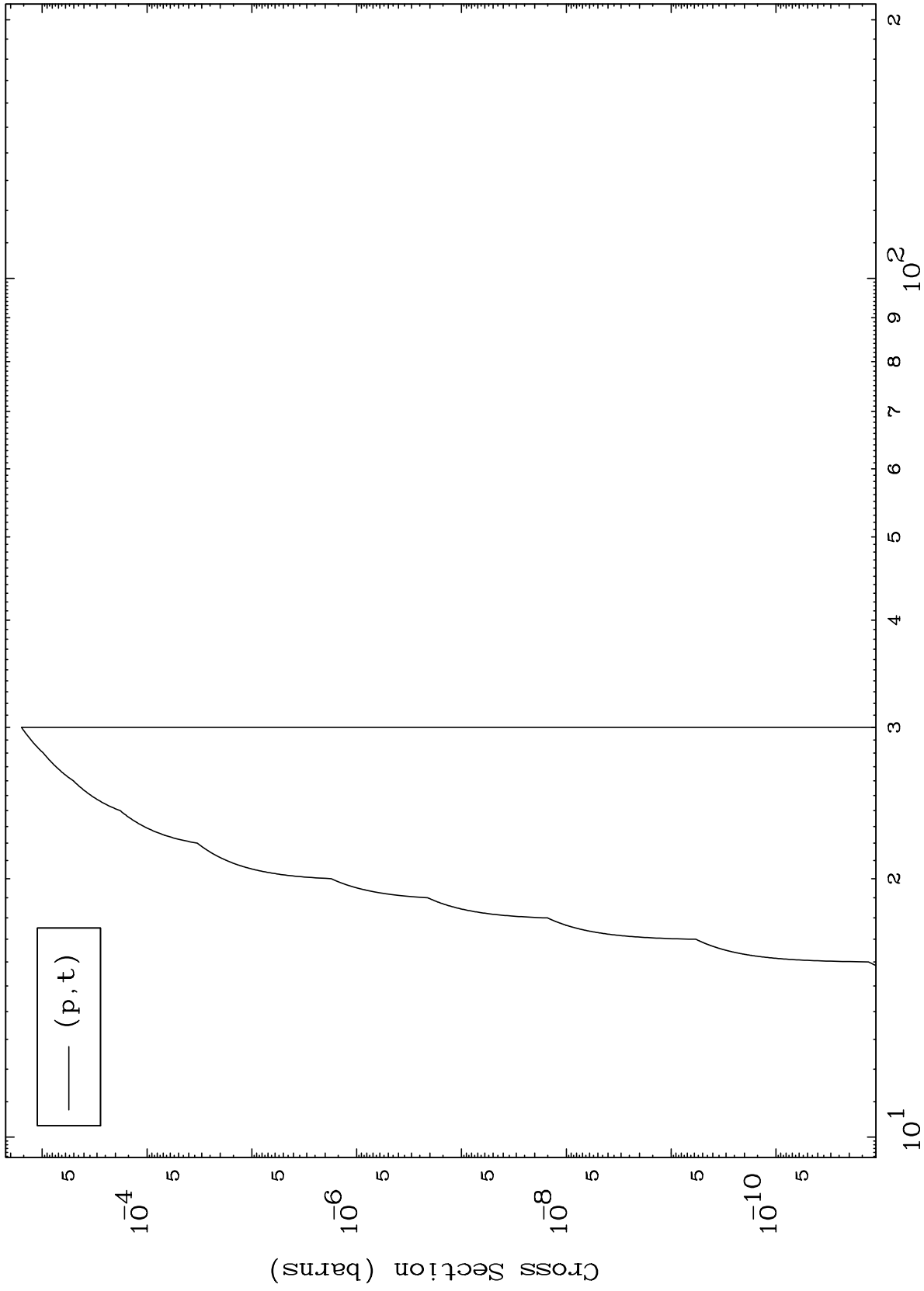
Incident Energy (MeV)

81-Tl-189

MAT 8083

(p,t) Levels
0 Kelvin Cross Sections

81-Tl-189



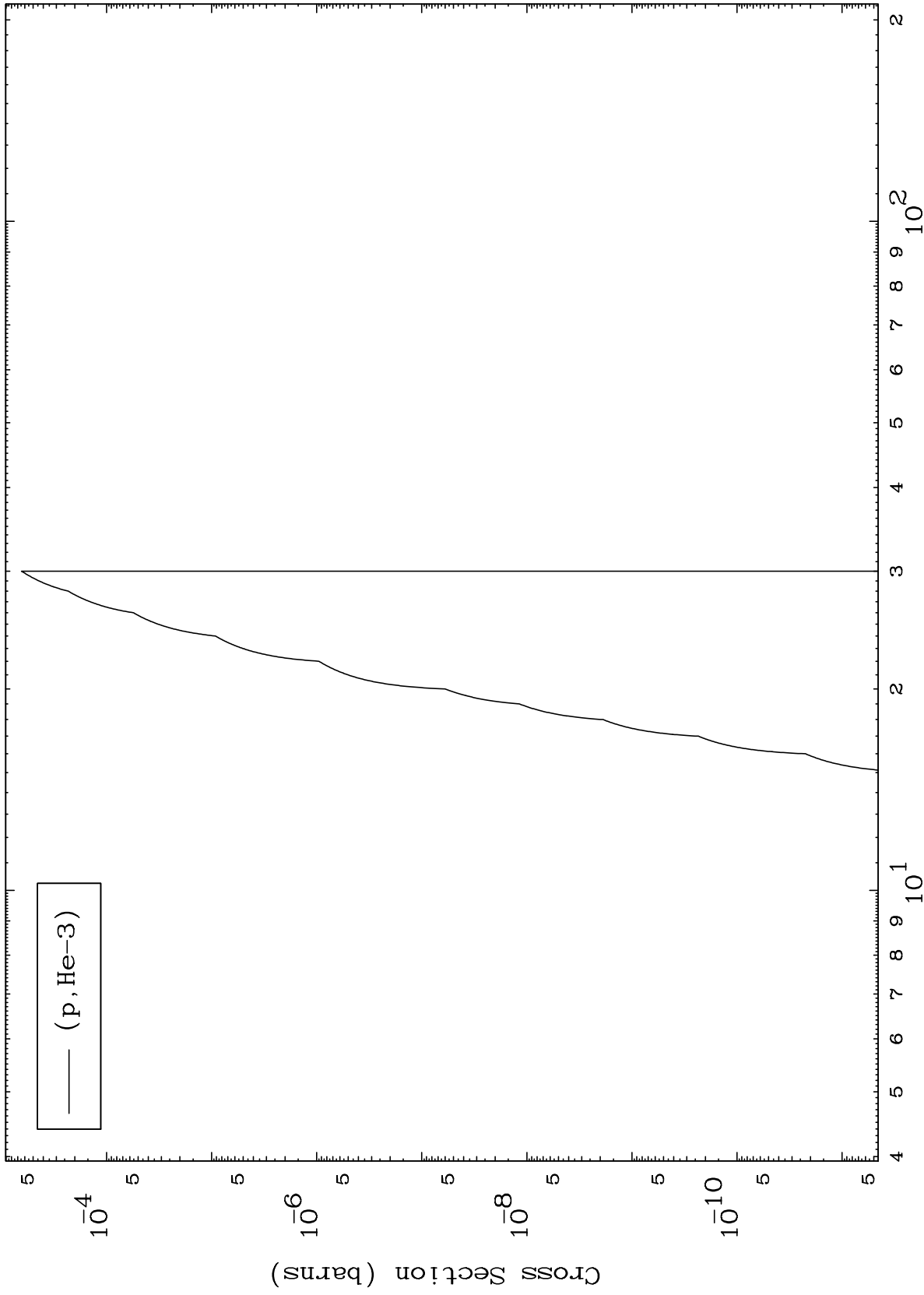
Incident Energy (MeV)

81-Tl-189

MAT 8083

(p,He3) Levels
0 Kelvin Cross Sections

81-Tl-189



10

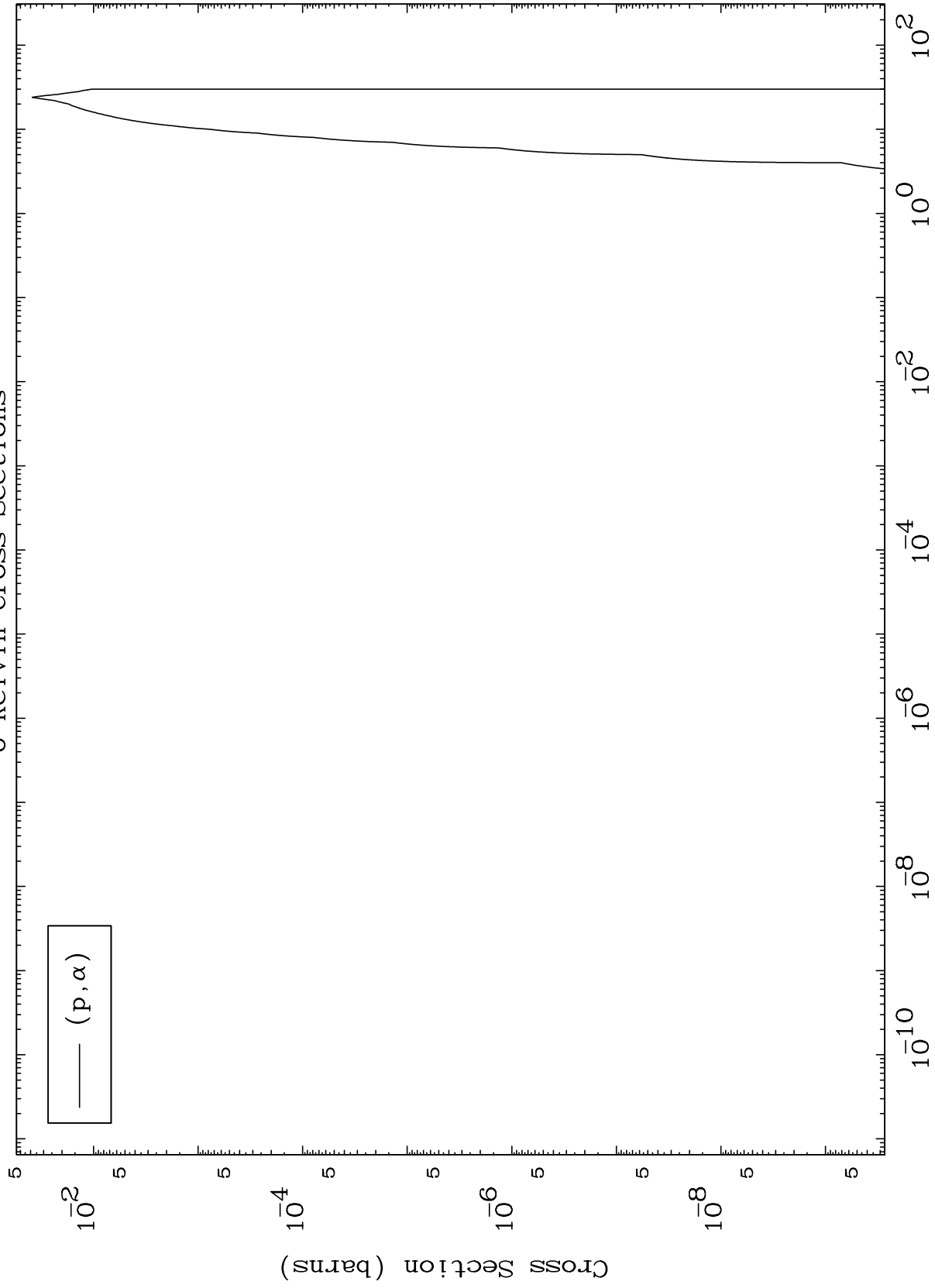
Incident Energy (MeV)

81-Tl-189

MAT 8083

(p,α) Levels
0 Kelvin Cross Sections

81-Tl-189



11

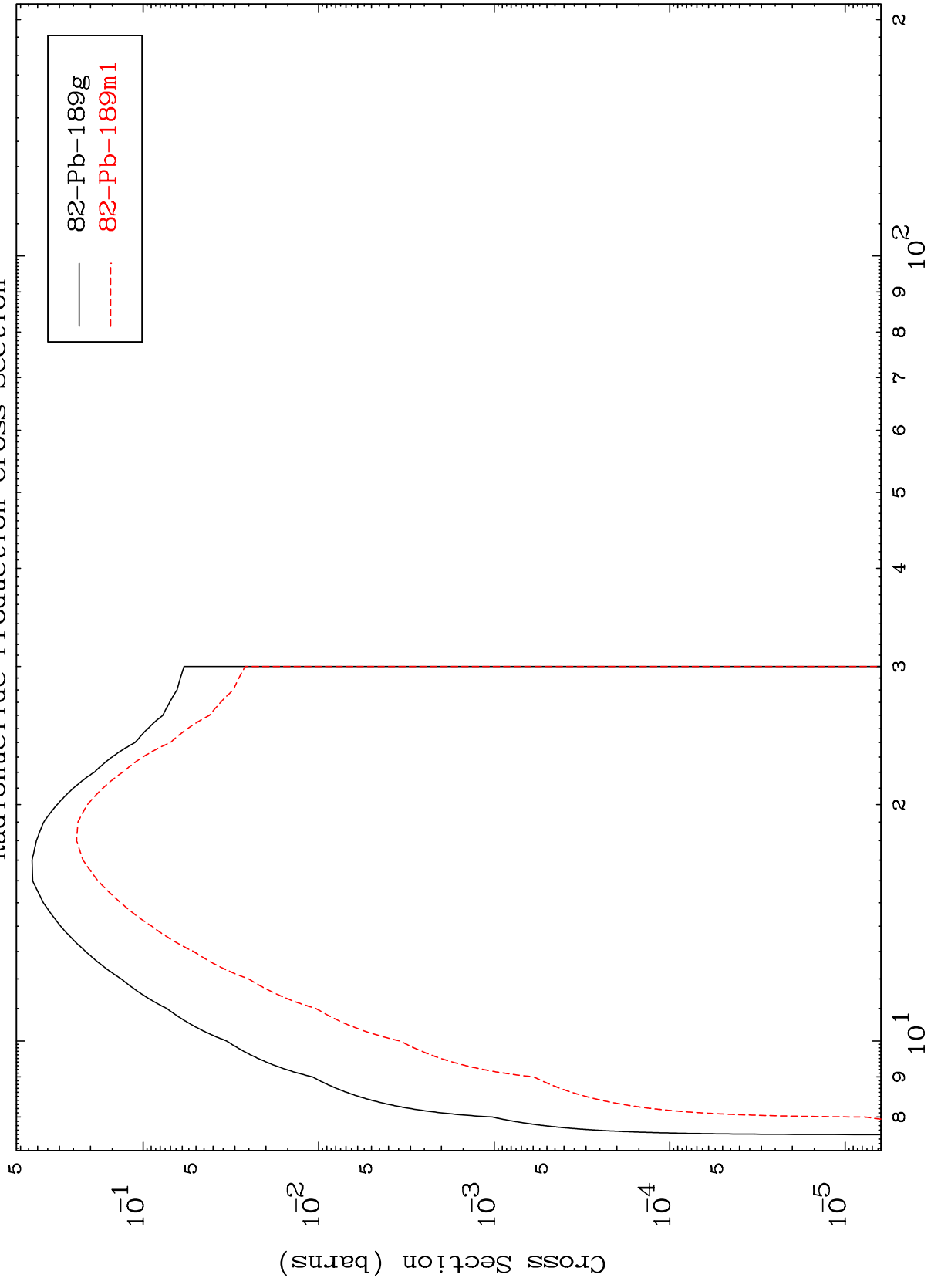
Incident Energy (MeV)

81-Tl-189

MAT 8083

Proton Inelastic
Radionuclide Production Cross Section

81-Tl-189



12

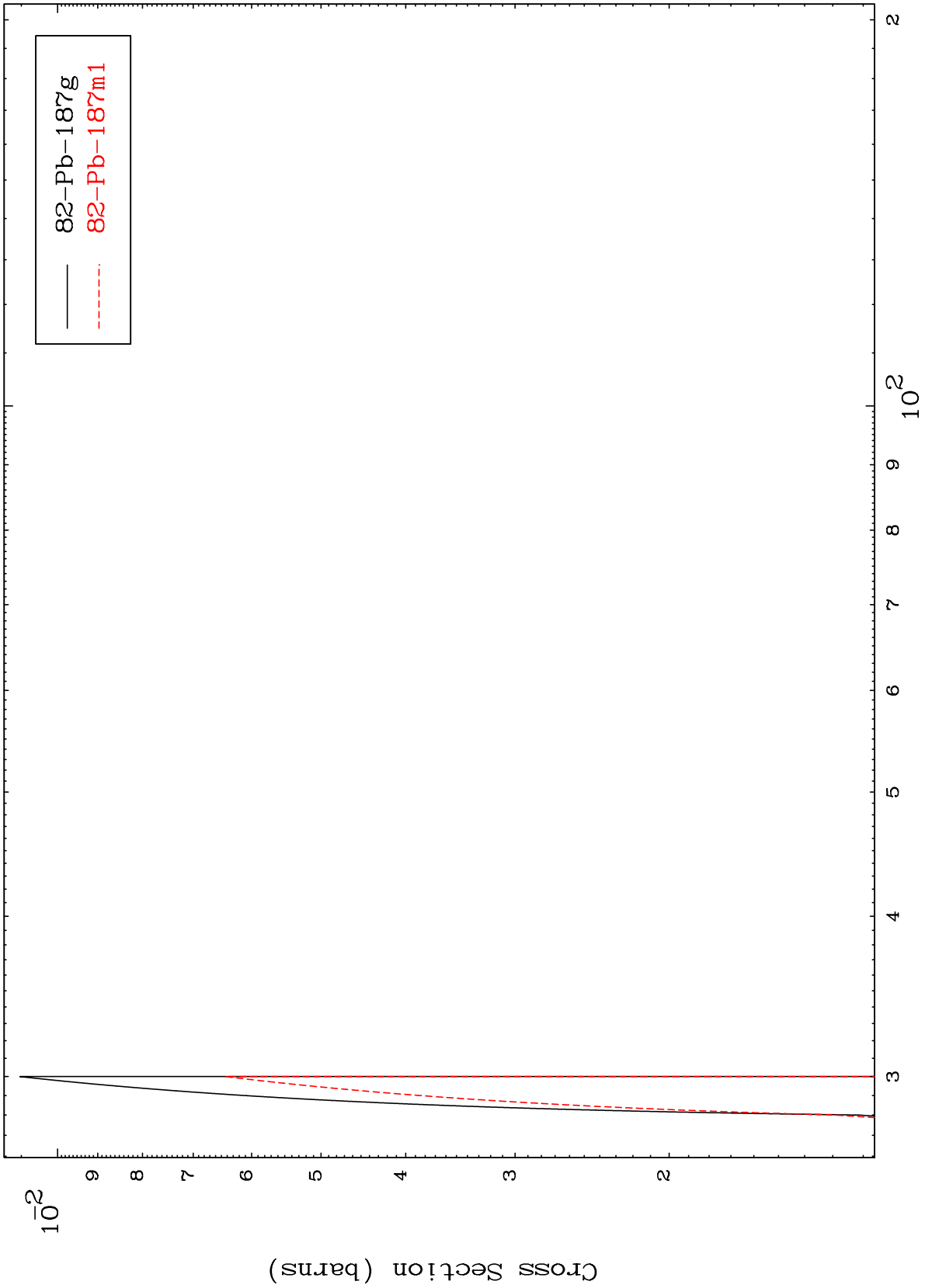
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

(p,3n)
Radionuclide Production Cross Section



13

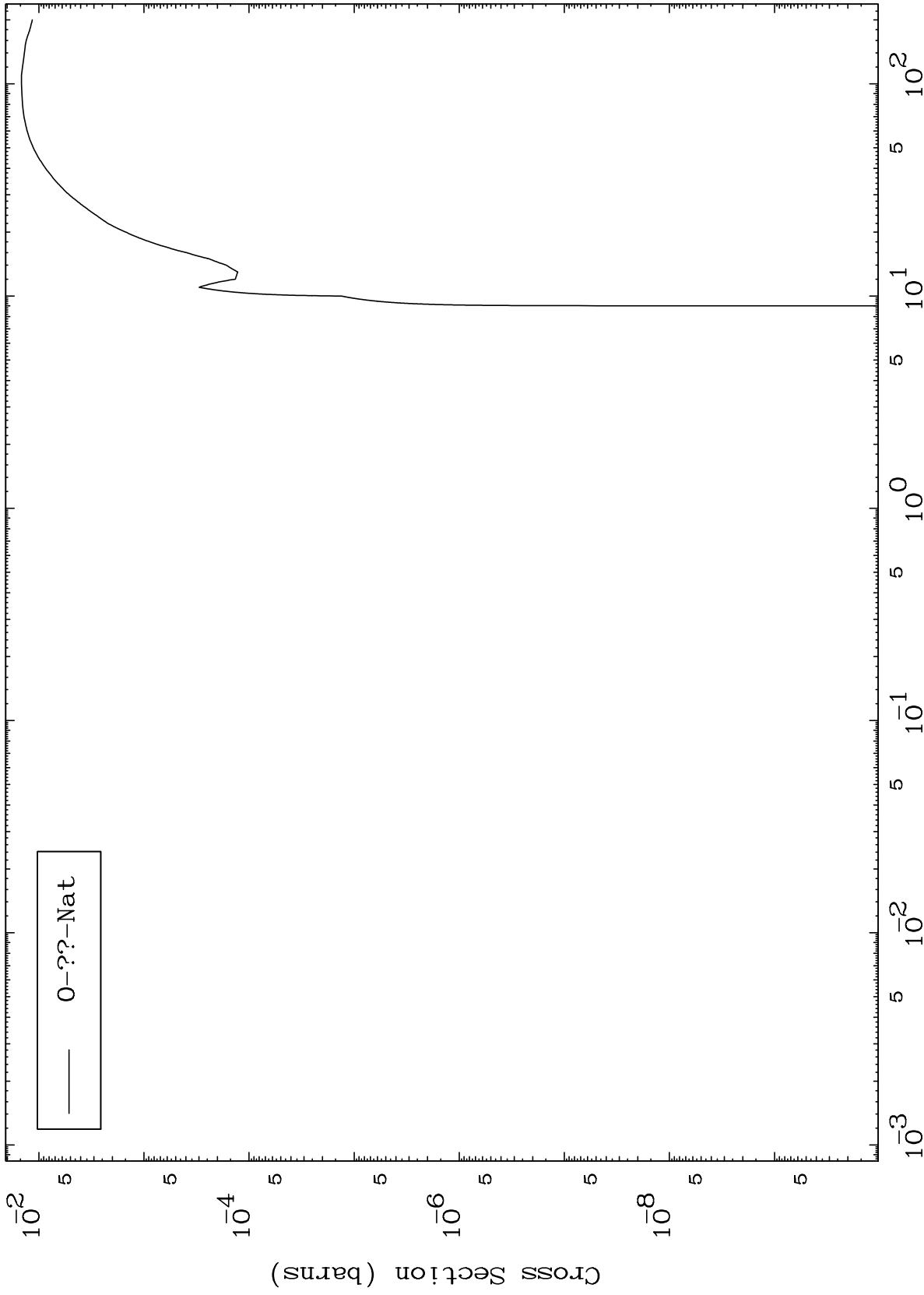
81-Tl-189

MAT 8083

Proton Fission

81-Tl-189

Radionuclide Production Cross Section



14

Incident Energy (MeV)

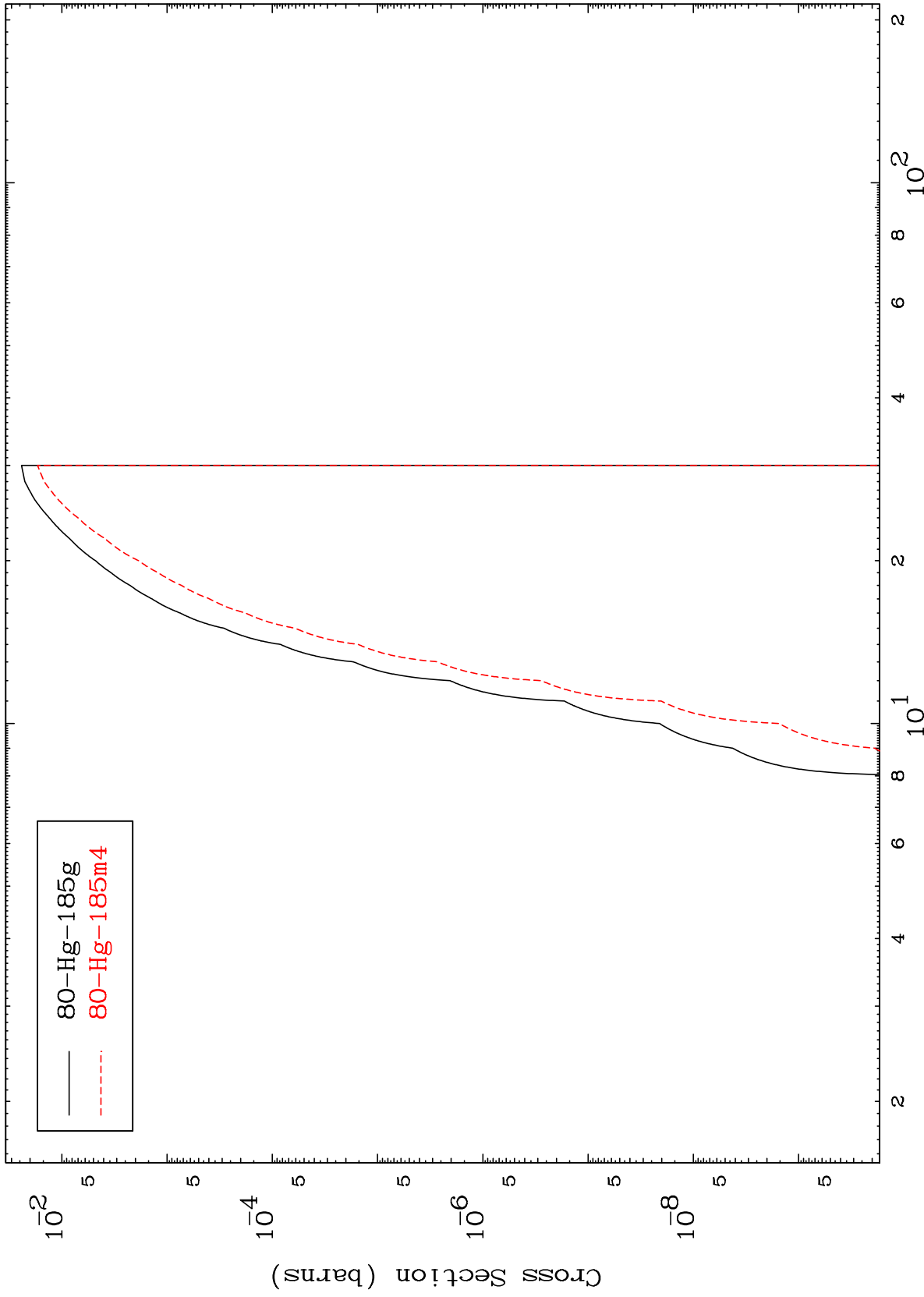
81-Tl-189

MAT 8083

(p,n') α

81-Tl-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

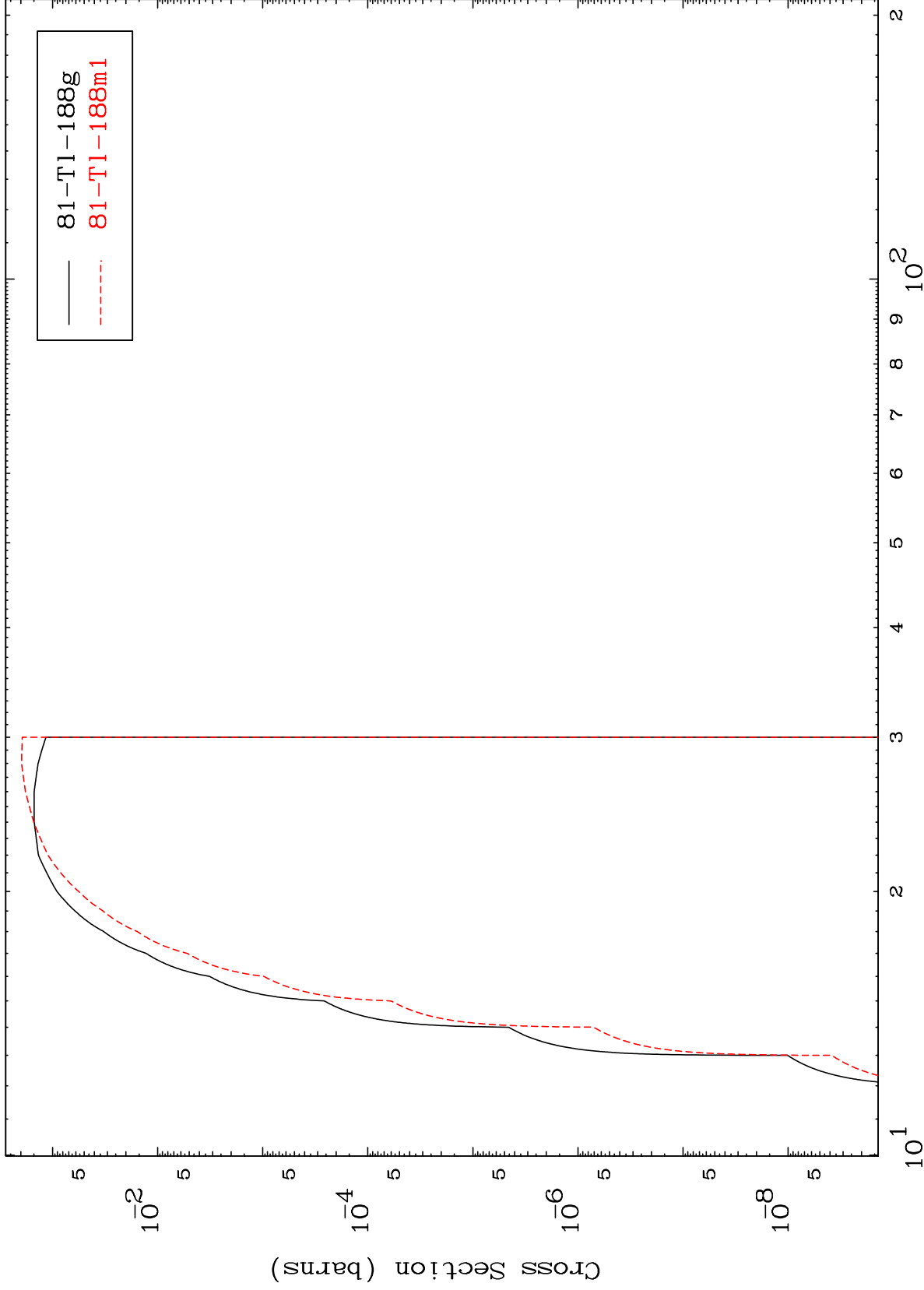
81-Tl-189

MAT 8083

(p,n') p

81-Tl-189

Radionuclide Production Cross Section



Incident Energy (MeV)

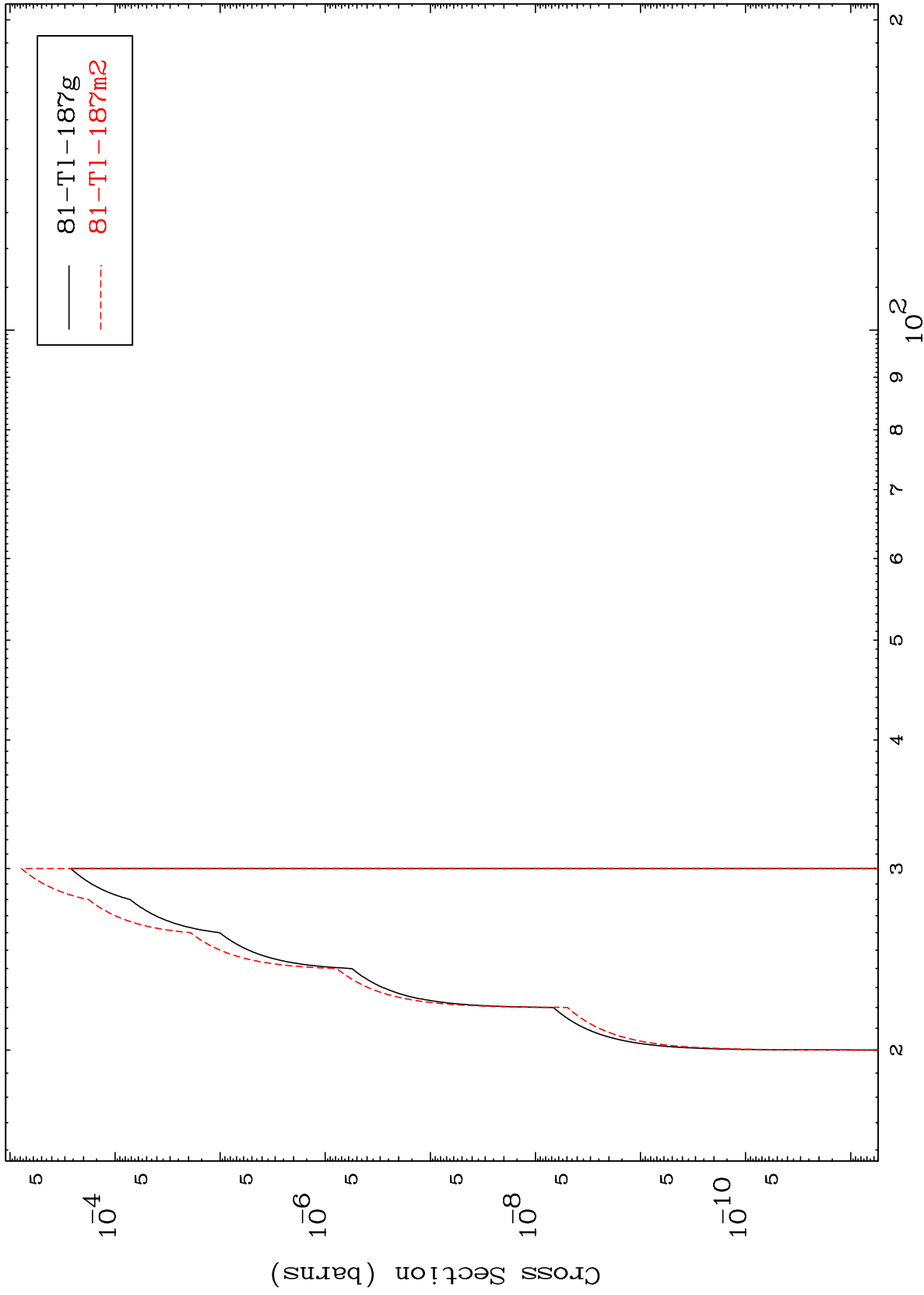
81-Tl-189

MAT 8083

(p,n') d

81-Tl-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

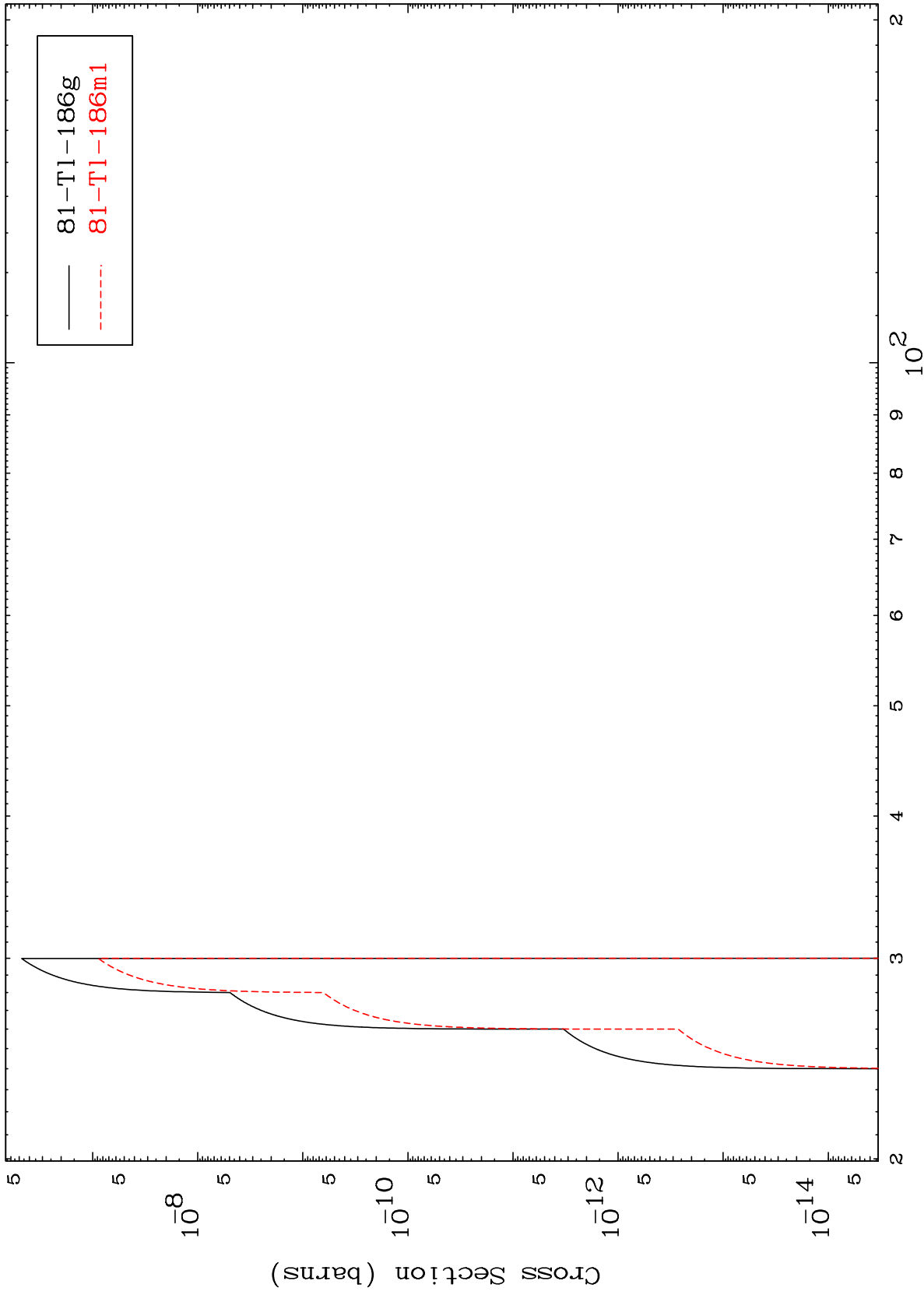
81-Tl-189

MAT 8083

(p,n') t

81-Tl-189

Radionuclide Production Cross Section

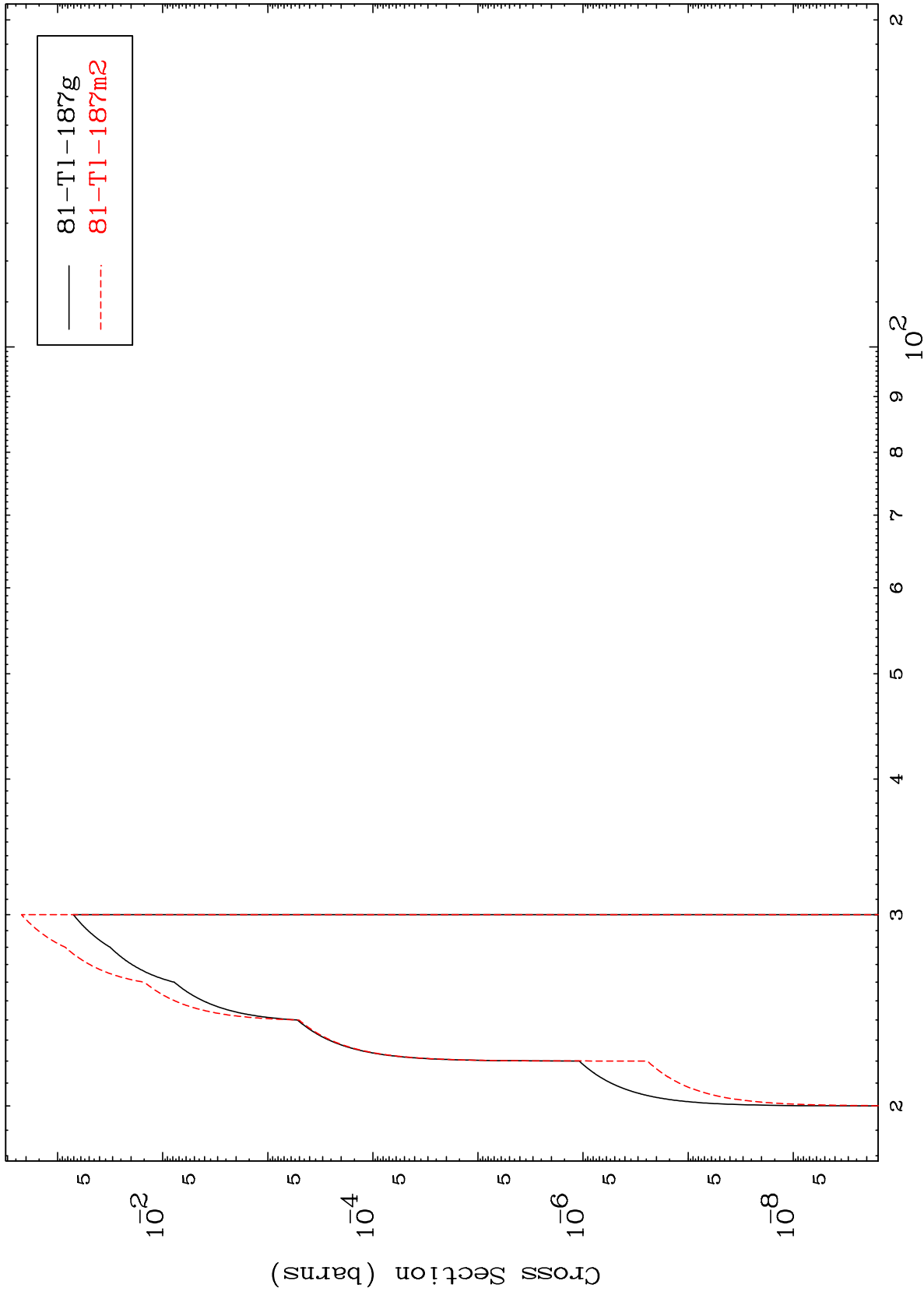


18

Incident Energy (MeV)

81-Tl-189

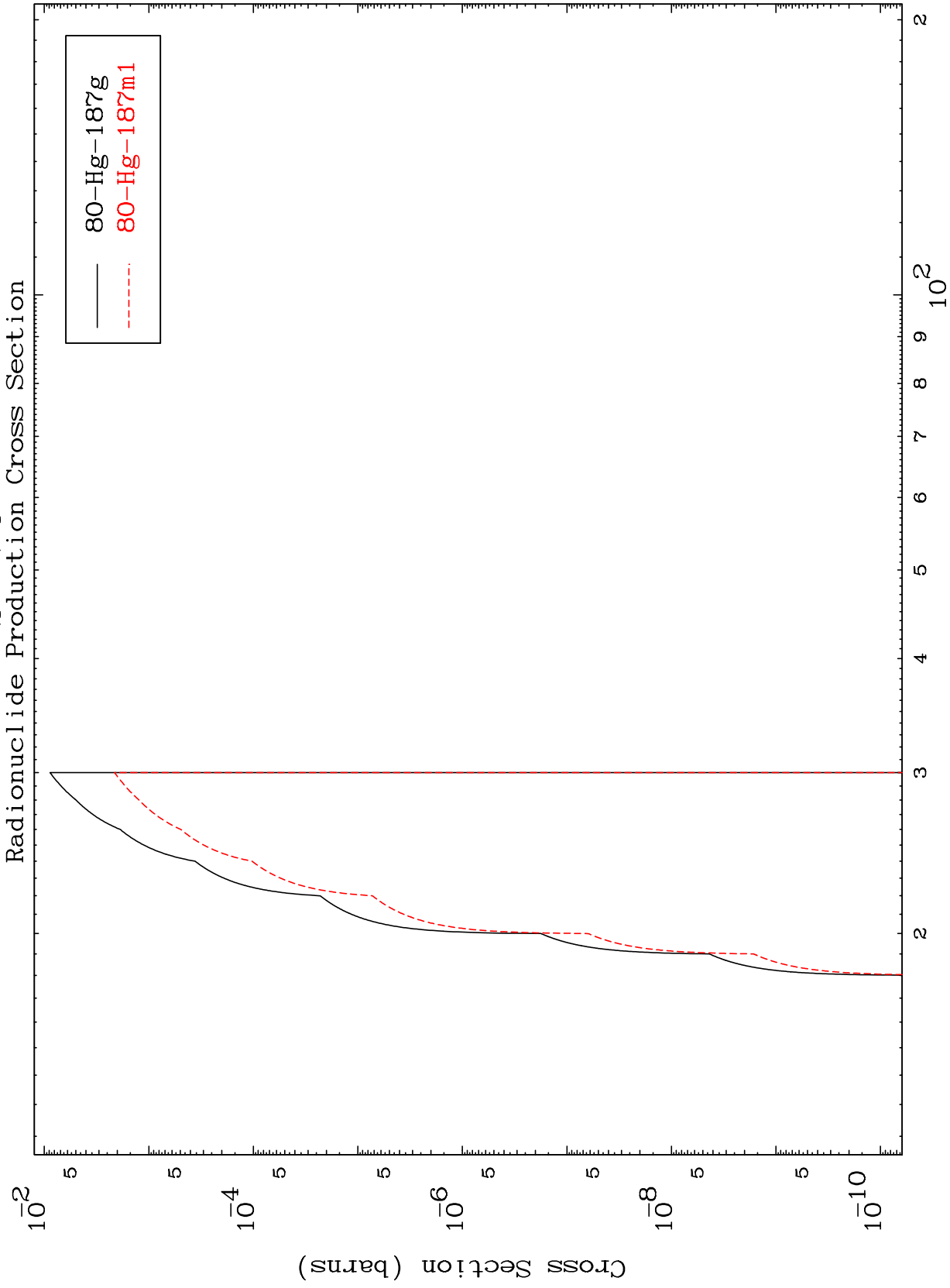
(p,2n) p
Radionuclide Production Cross Section



MAT 8083

(p,2n) p

81-Tl-189



20

Incident Energy (MeV)

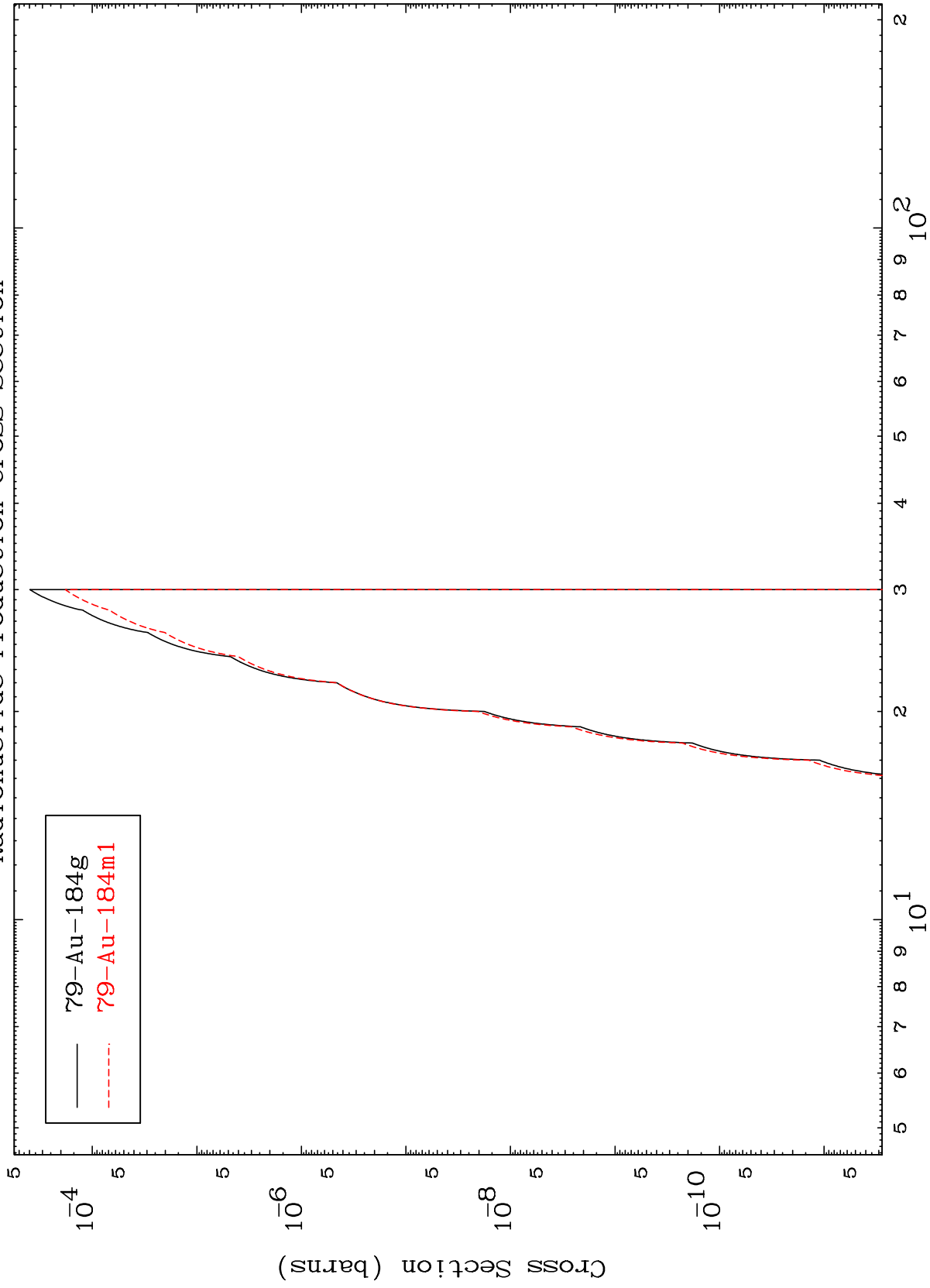
81-Tl-189

MAT 8083

(p,n') p α

81-Tl-189

Radionuclide Production Cross Section



21

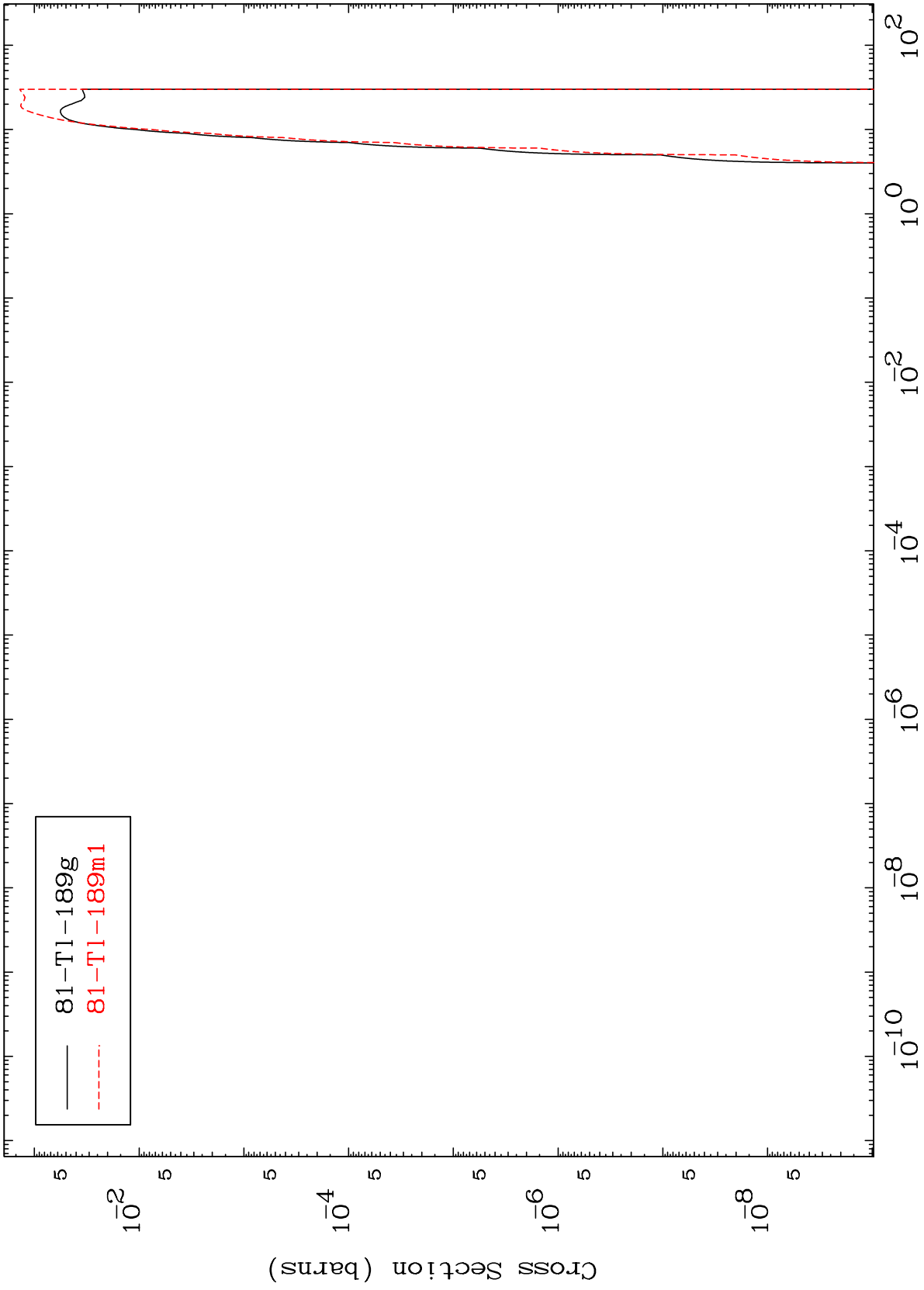
Incident Energy (MeV)

81-Tl-189

MAT 8083

(p,p)
Radionuclide Production Cross Section

81-Tl-189



22

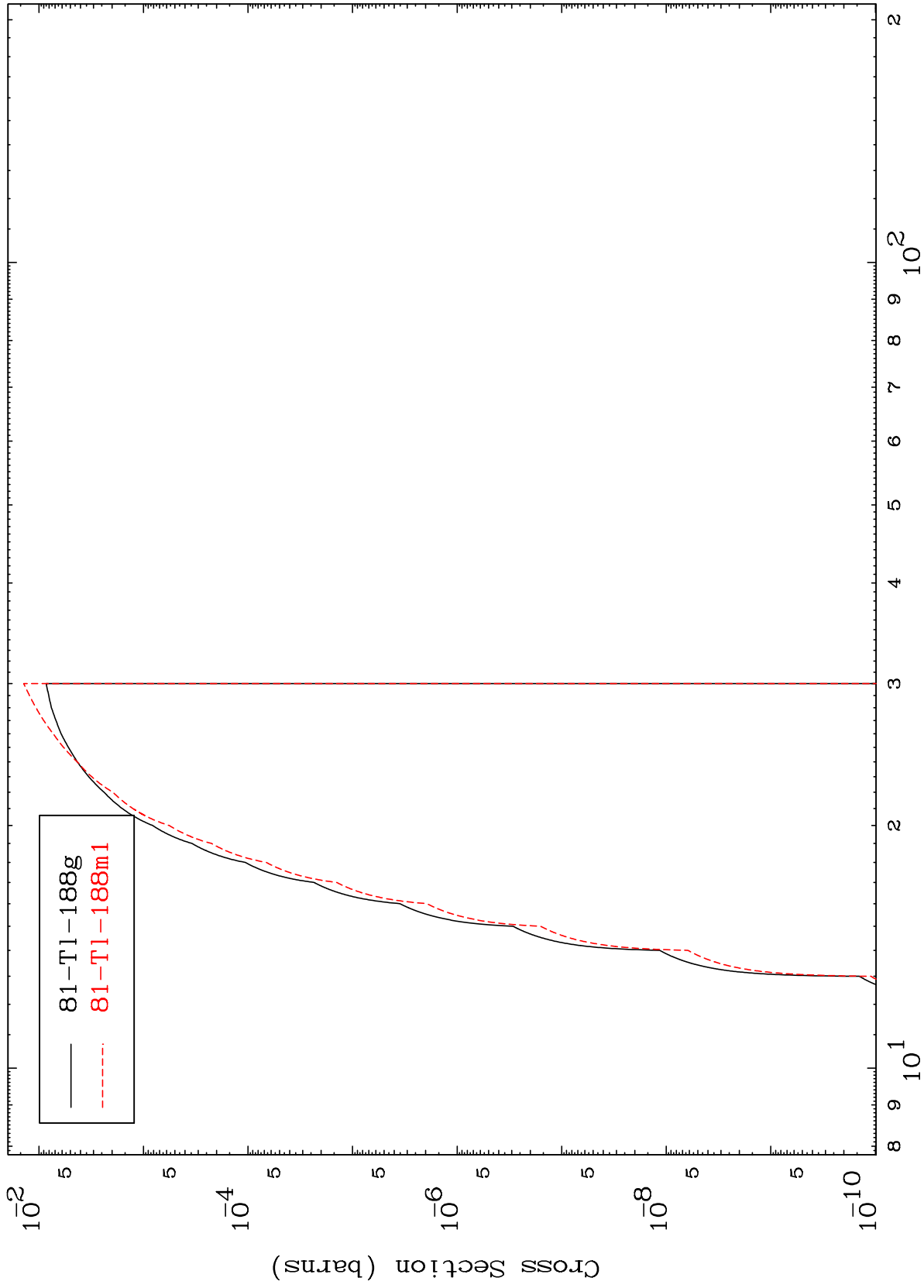
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

(p,d)
Radionuclide Production Cross Section



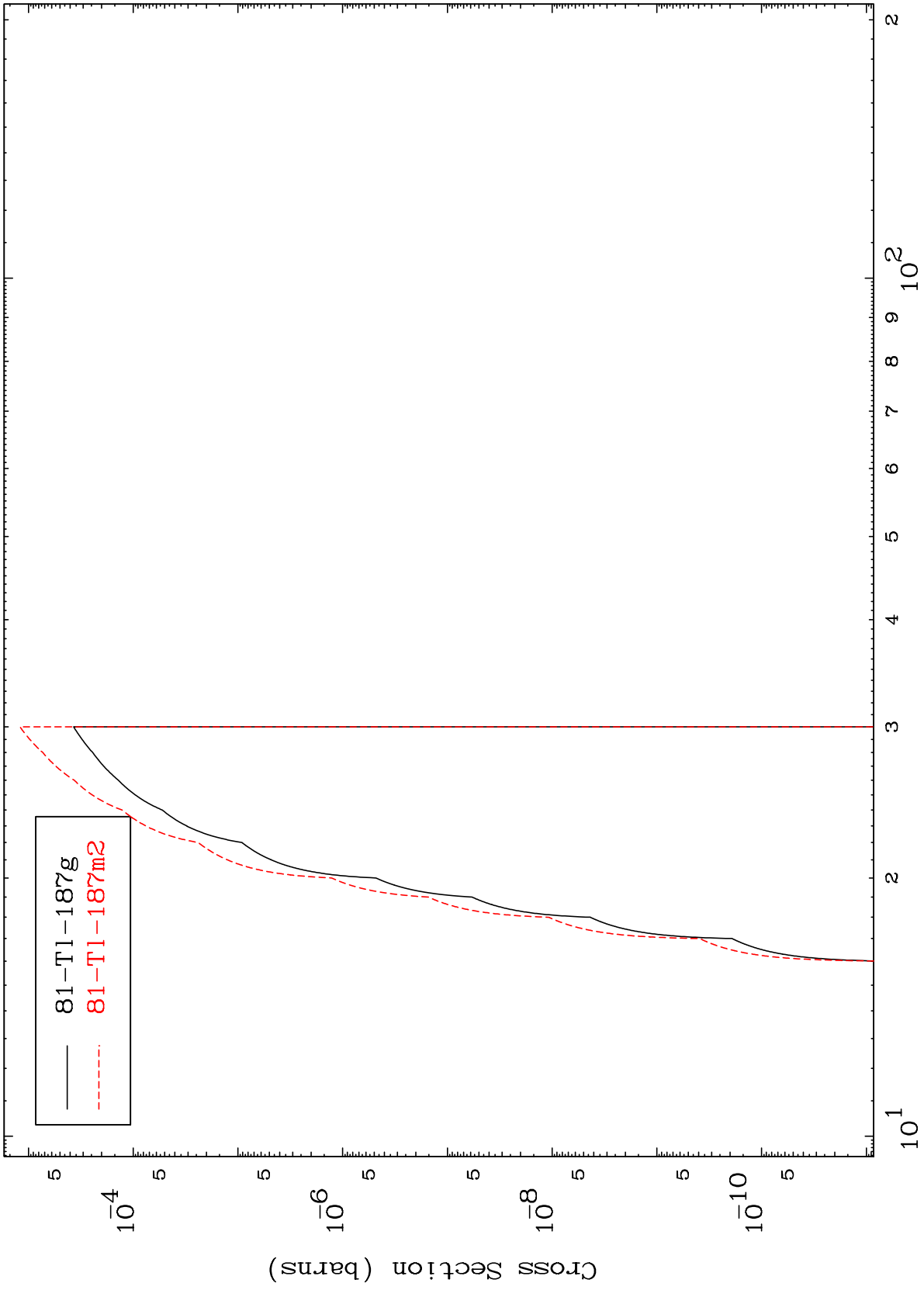
23

81-Tl-189

MAT 8083

81-Tl-189

(p, t)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

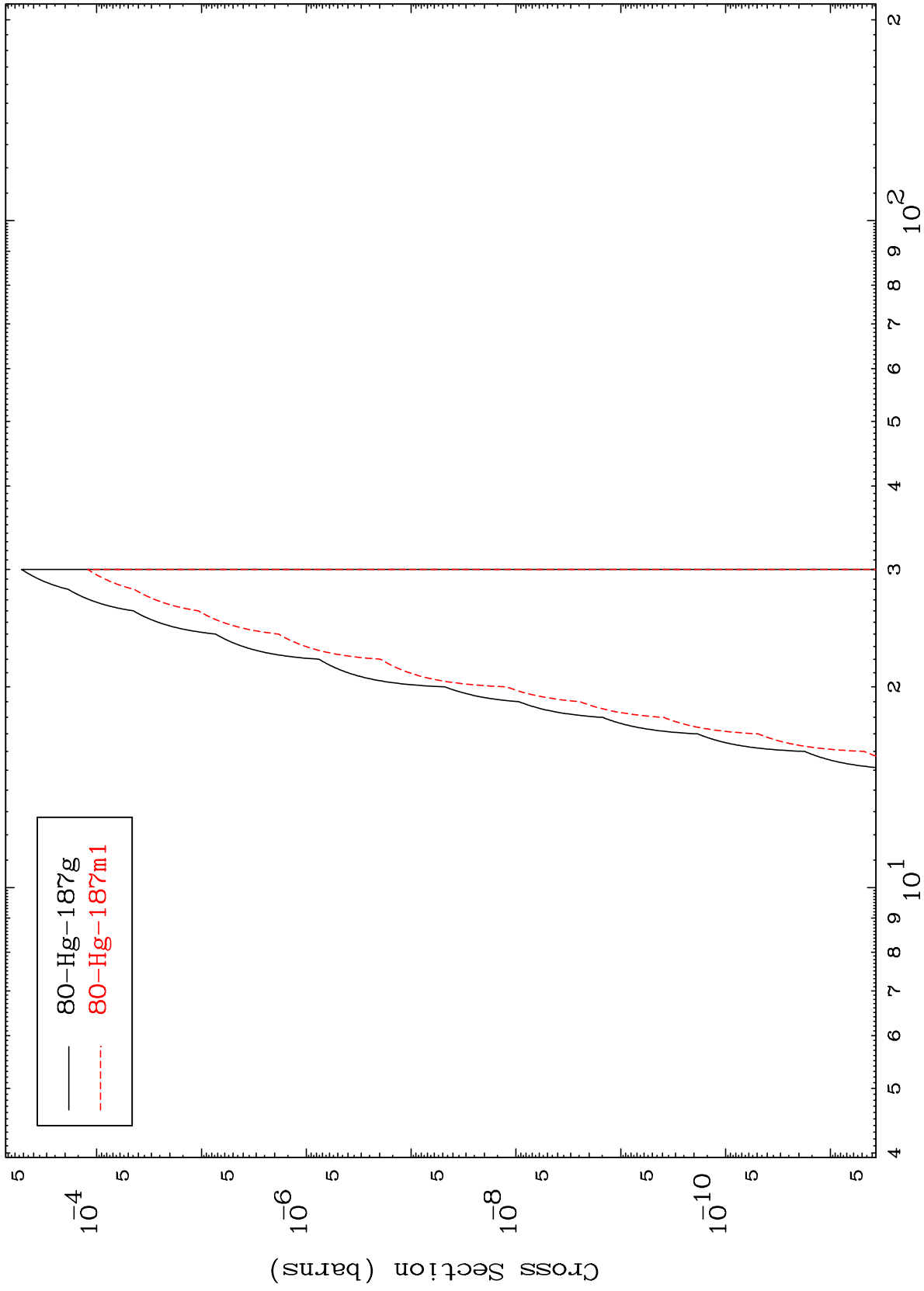
81-Tl-189

MAT 8083

(p,He-3)

81-Tl-189

Radionuclide Production Cross Section



25

Incident Energy (MeV)

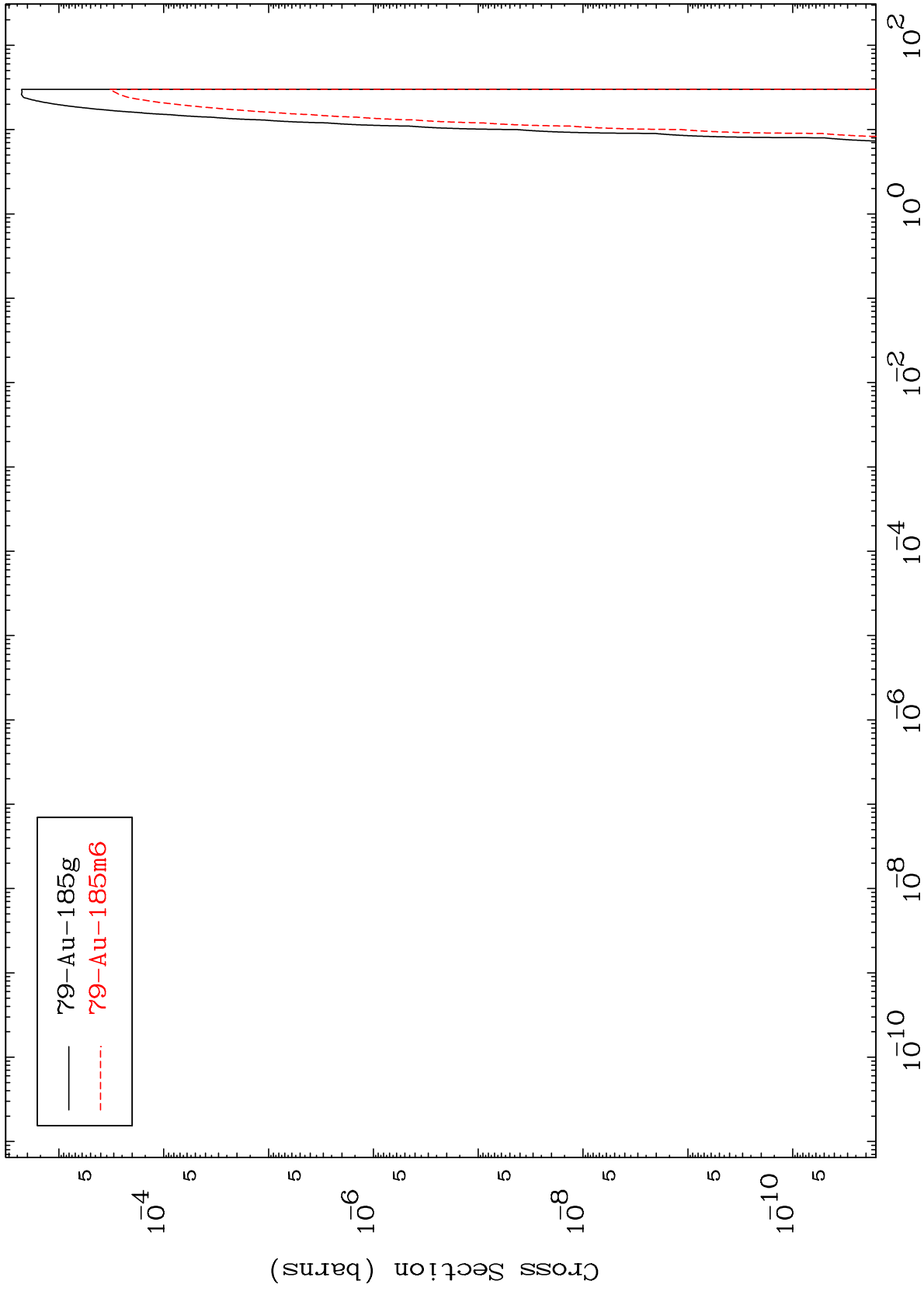
81-Tl-189

MAT 8083

(p,p) α

81-Tl-189

Radionuclide Production Cross Section



26

Incident Energy (MeV)

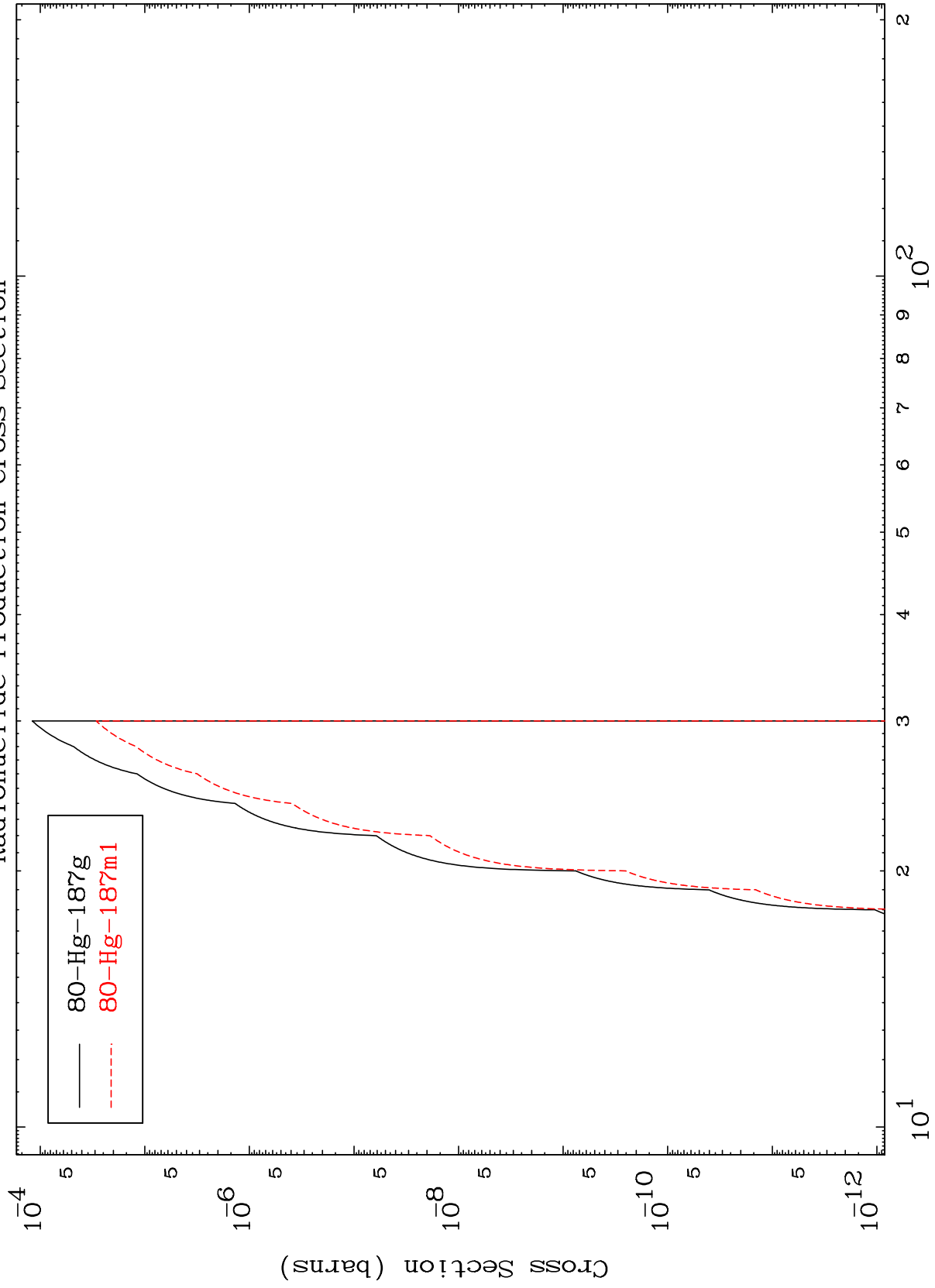
81-Tl-189

MAT 8083

(p,p) d

81-Tl-189

Radionuclide Production Cross Section



27

Incident Energy (MeV)

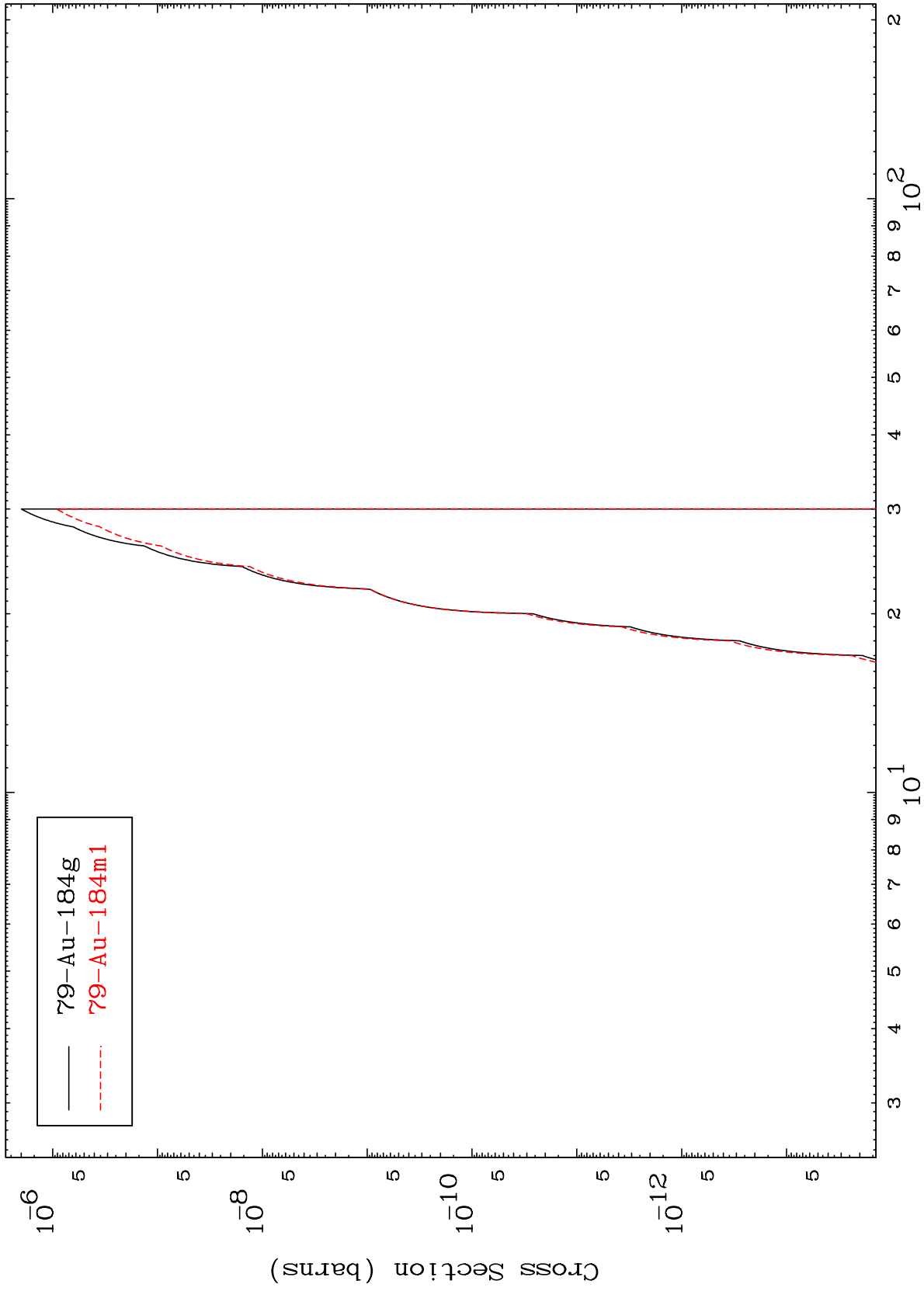
81-Tl-189

MAT 8083

(p,d) α

81-Tl-189

Radionuclide Production Cross Section



28

Incident Energy (MeV)

81-Tl-189