

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

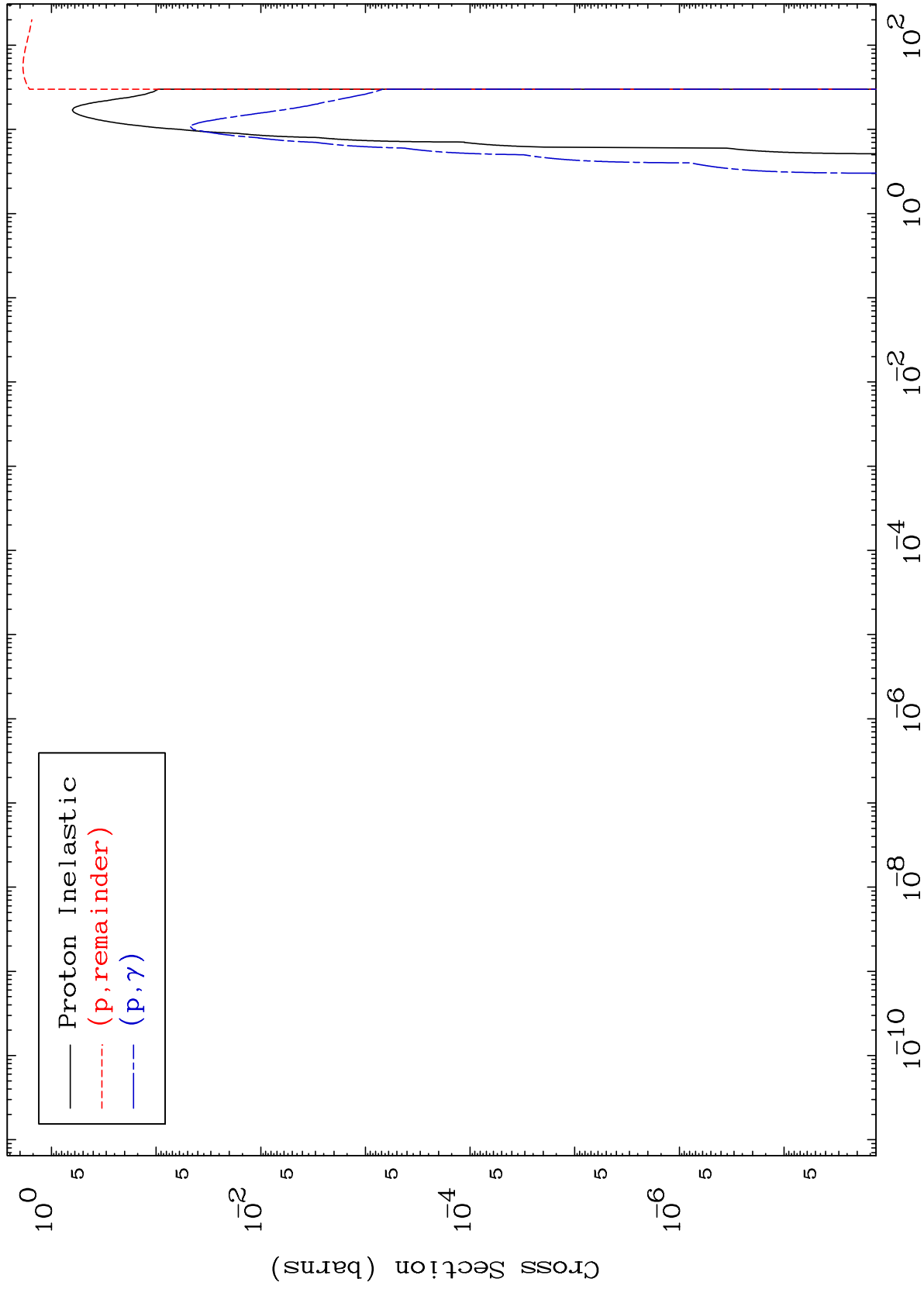
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8081

Proton Major  
0 Kelvin Cross Sections

81-Tl-188



1

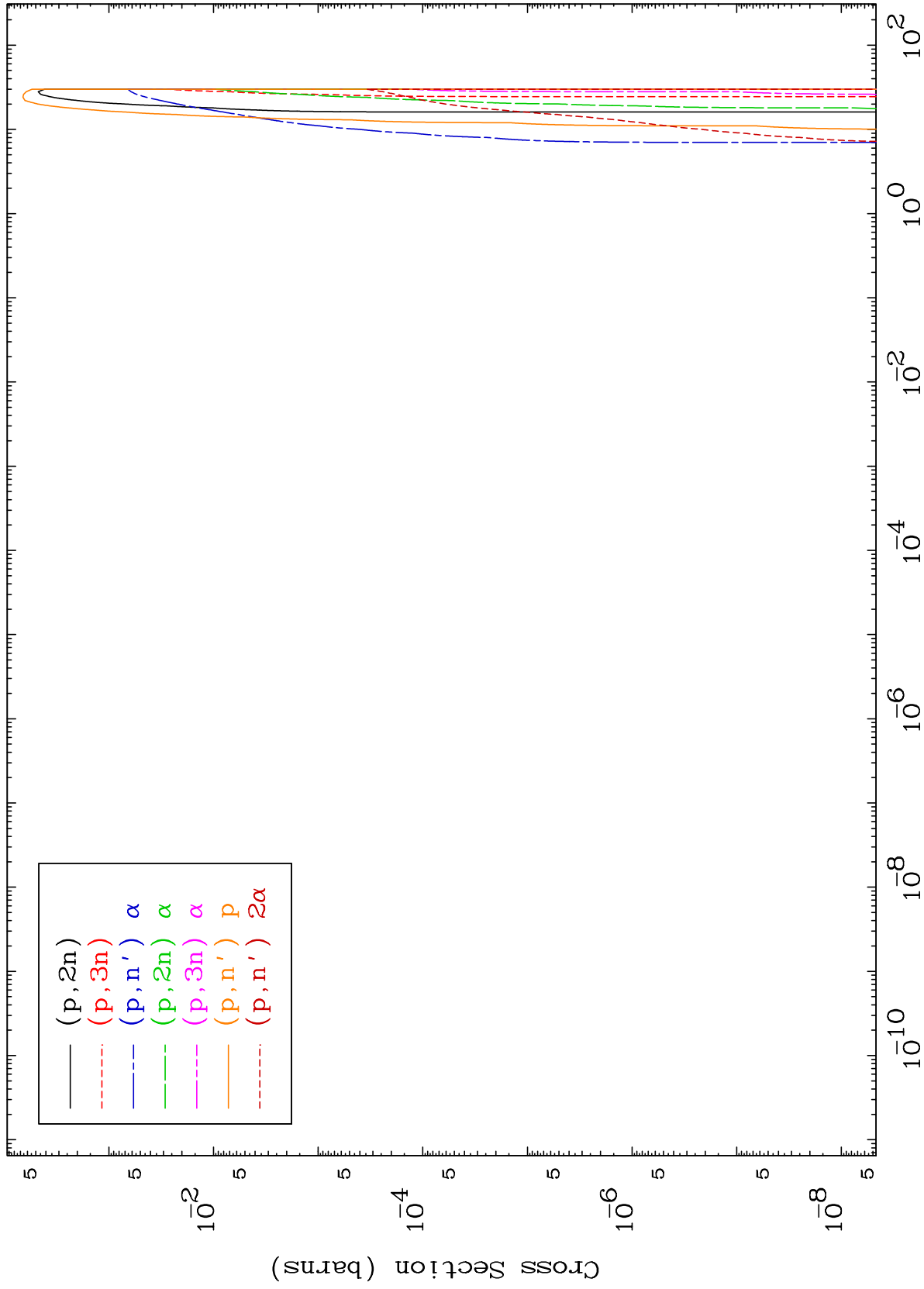
Incident Energy (MeV)

81-Tl-188

MAT 8081

Proton Neutron Production  
0 Kelvin Cross Sections

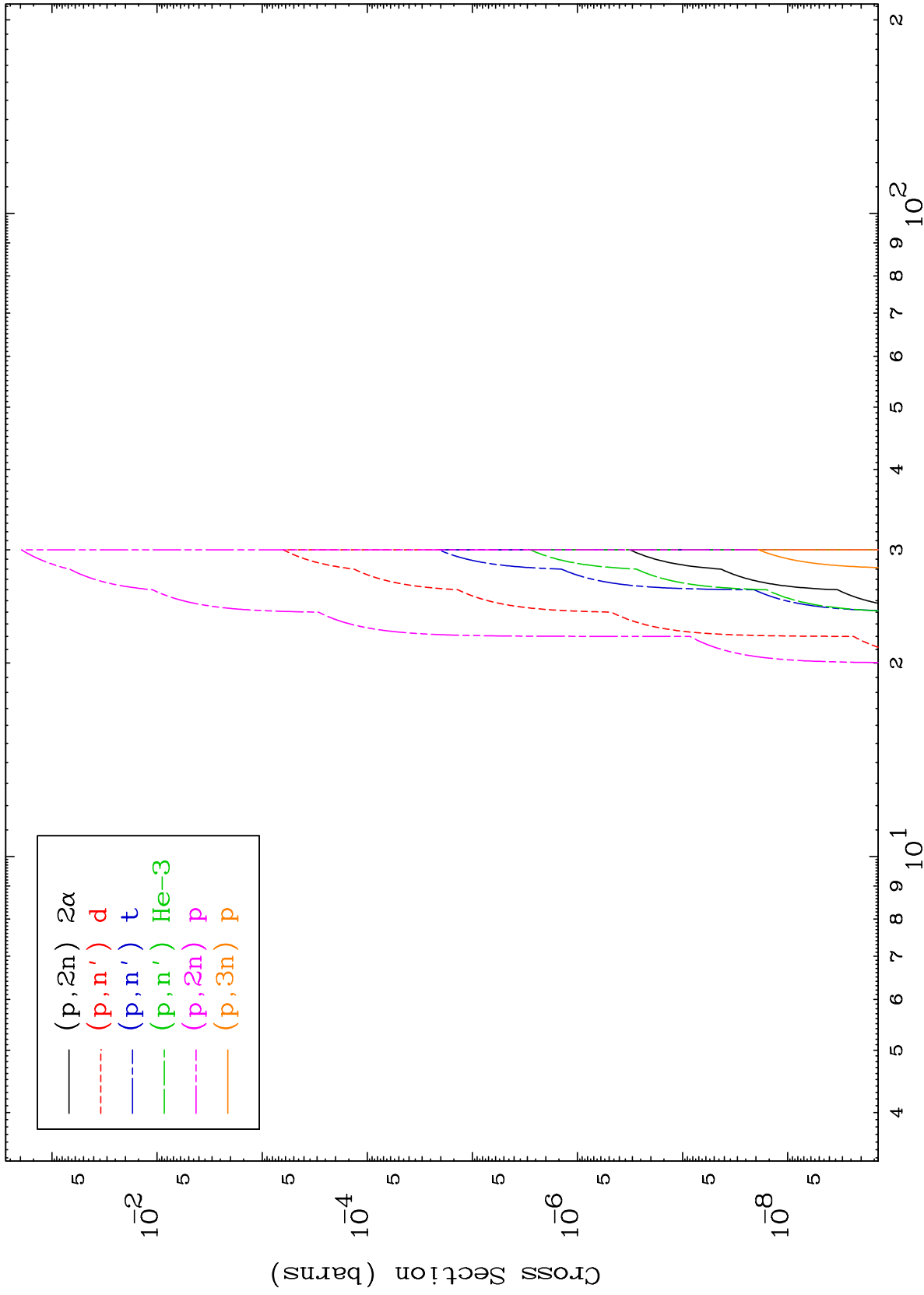
81-Tl-188



2

Incident Energy (MeV)

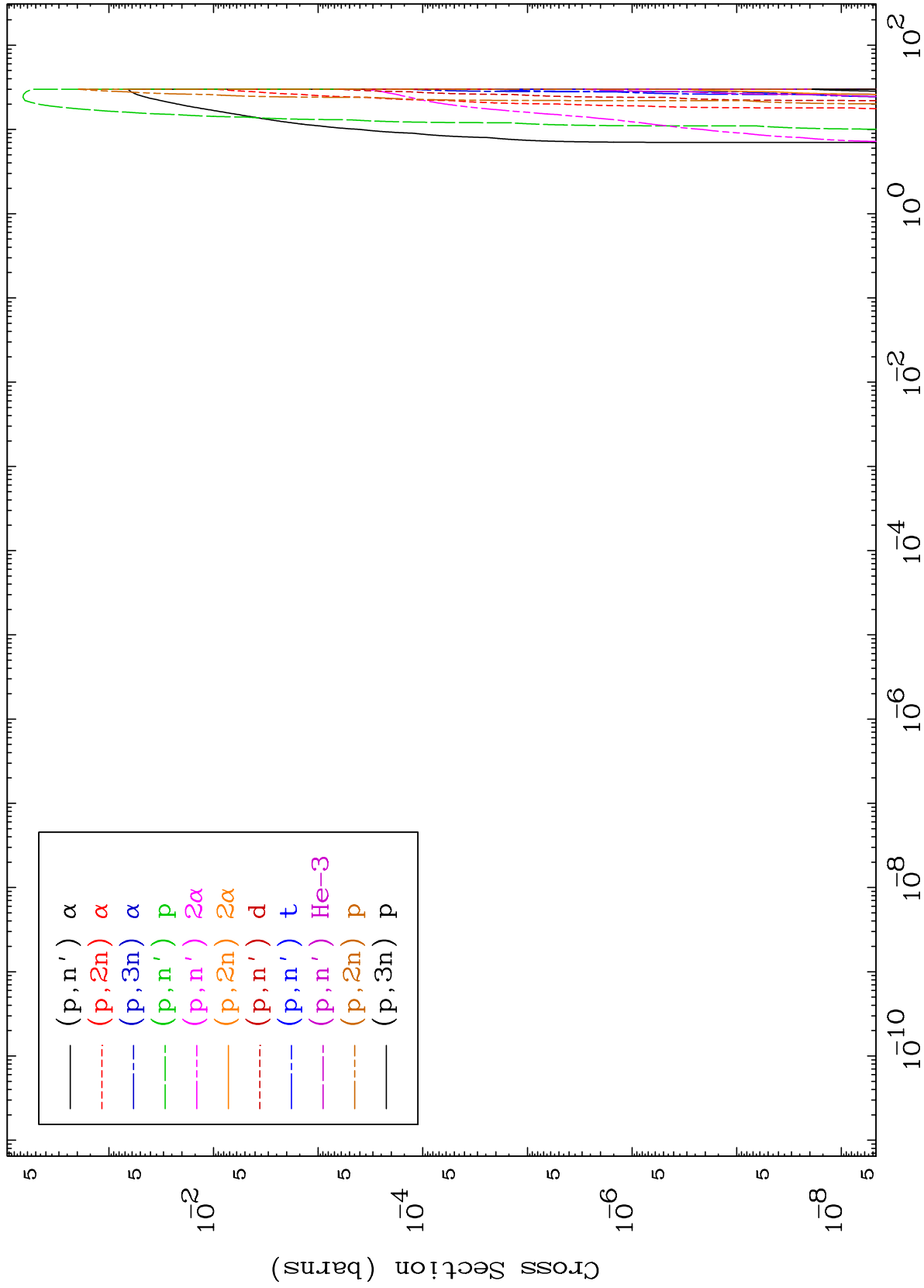
81-Tl-188



MAT 8081

Proton Charged Particle  
0 Kelvin Cross Sections

81-Tl-188

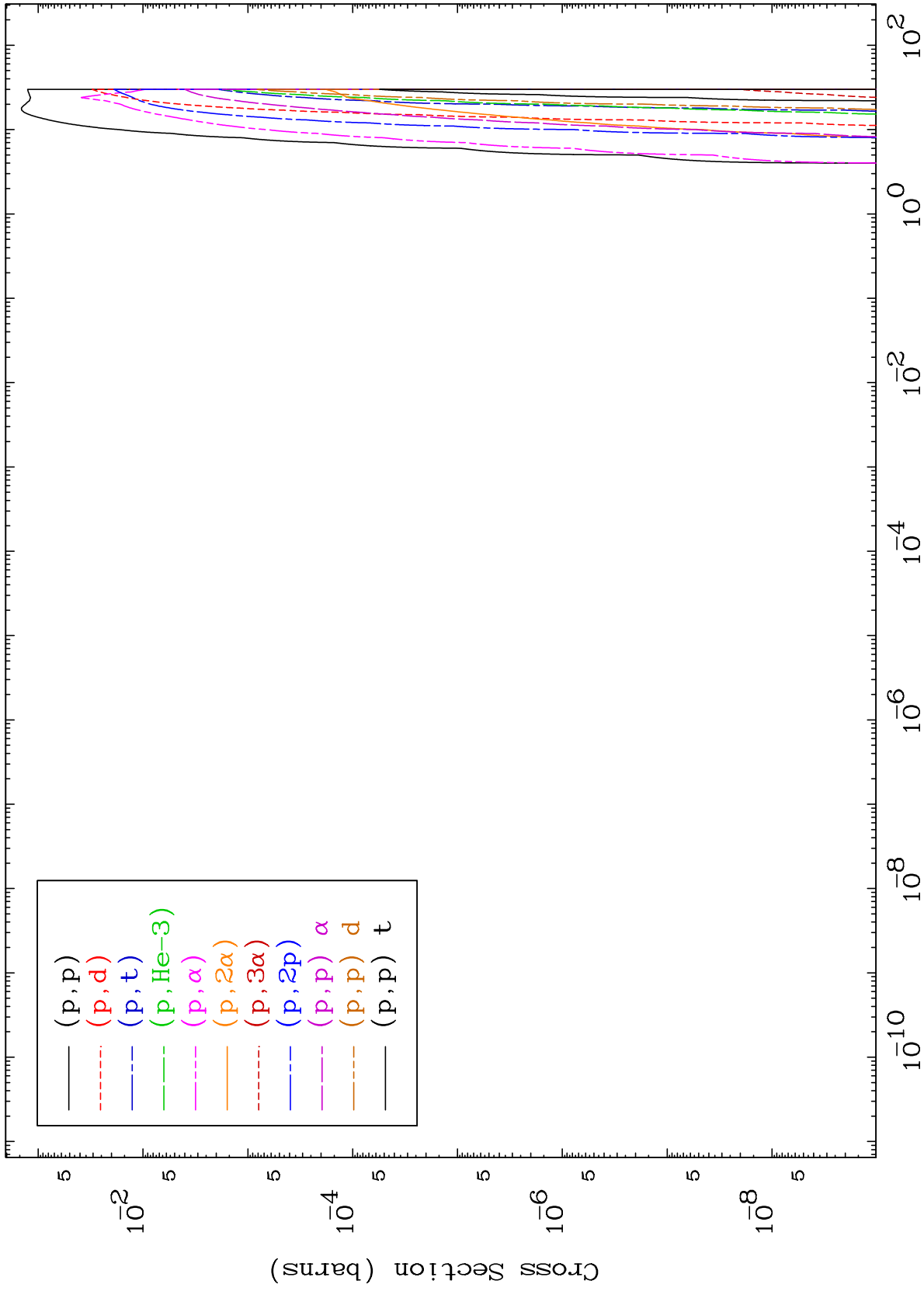


81-Tl-188

MAT 8081

Proton Charged Particle  
0 Kelvin Cross Sections

81-Tl-188



5

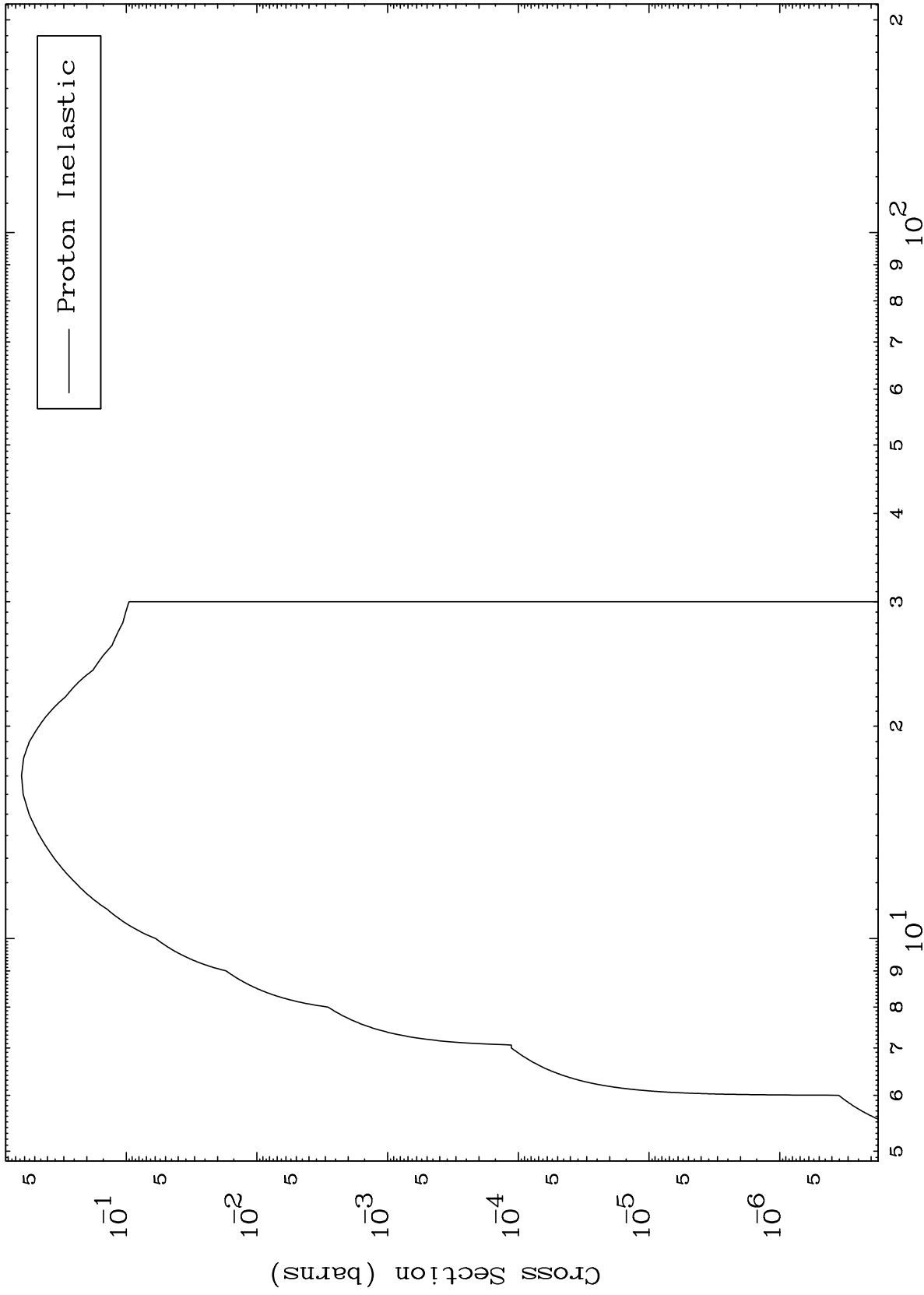
Incident Energy (MeV)

81-Tl-188

MAT 8081

(p,n') Level  
0 Kelvin Cross Sections

81-Tl-188



6

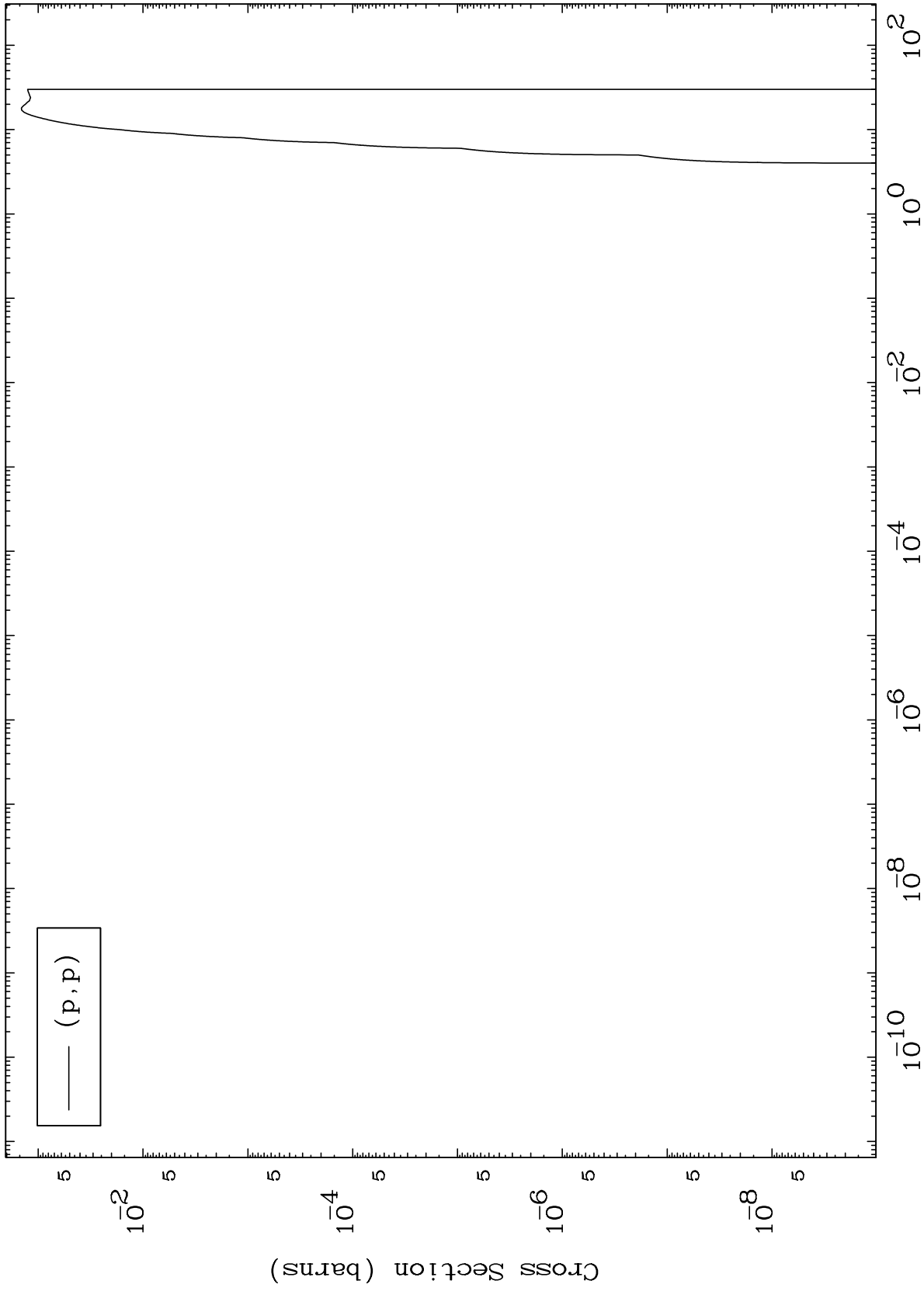
Incident Energy (MeV)

81-Tl-188

MAT 8081

(p,p) Levels  
0 Kelvin Cross Sections

81-Tl-188



7

Incident Energy (MeV)

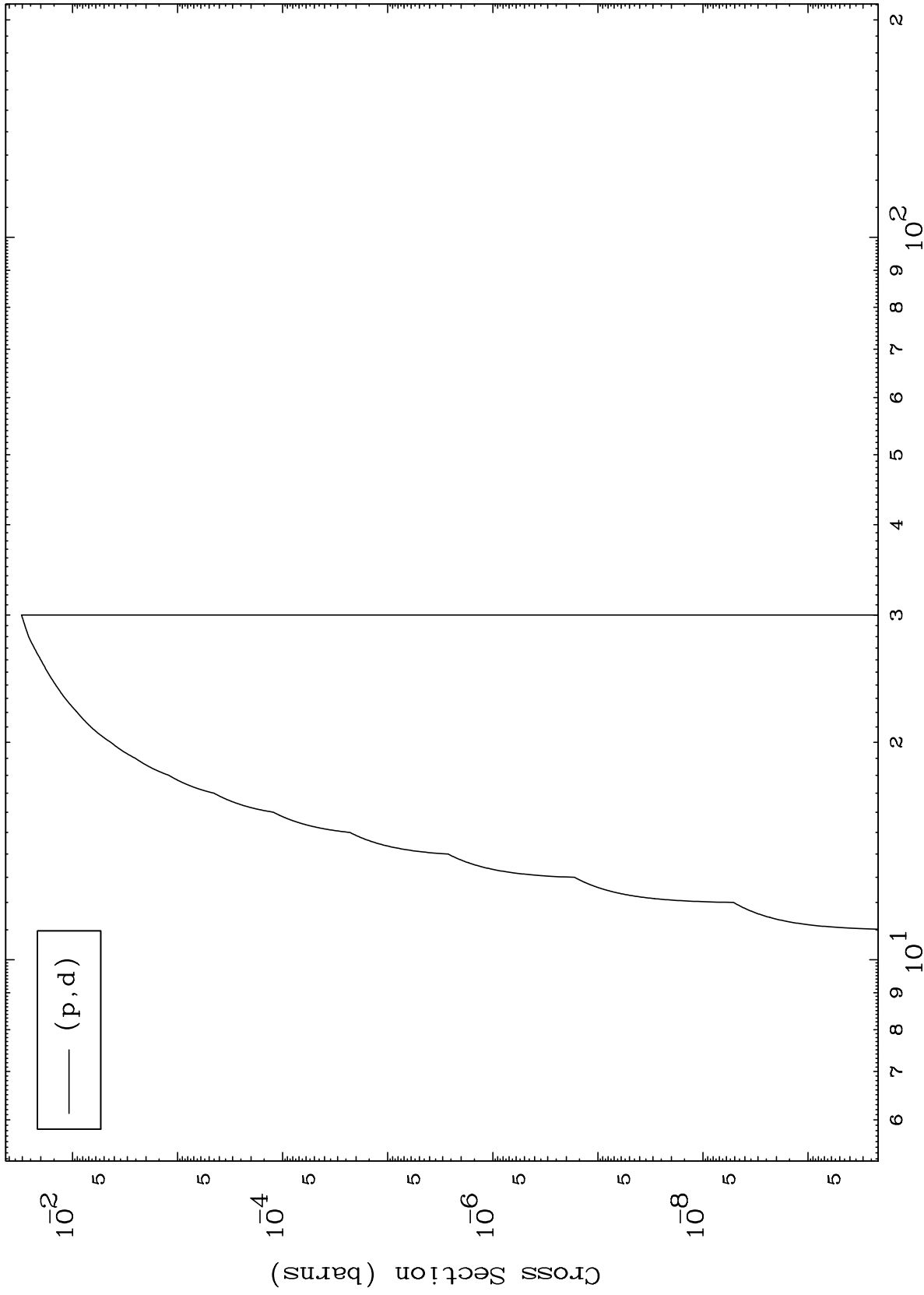
81-Tl-188



MAT 8081

(p,d) Levels  
0 Kelvin Cross Sections

81-Tl-188



8

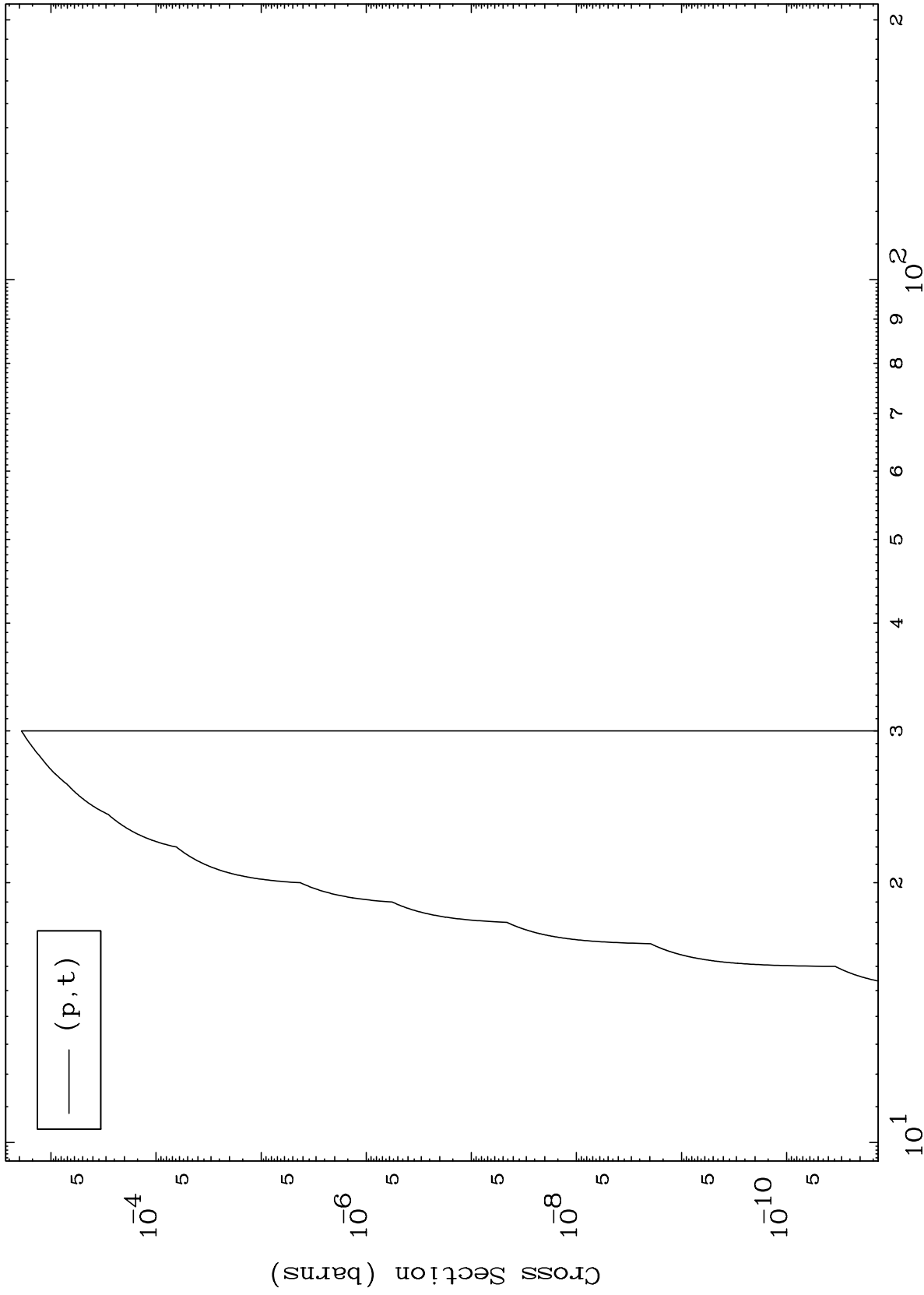
Incident Energy (MeV)

81-Tl-188

MAT 8081

(p,t) Levels  
0 Kelvin Cross Sections

81-Tl-188

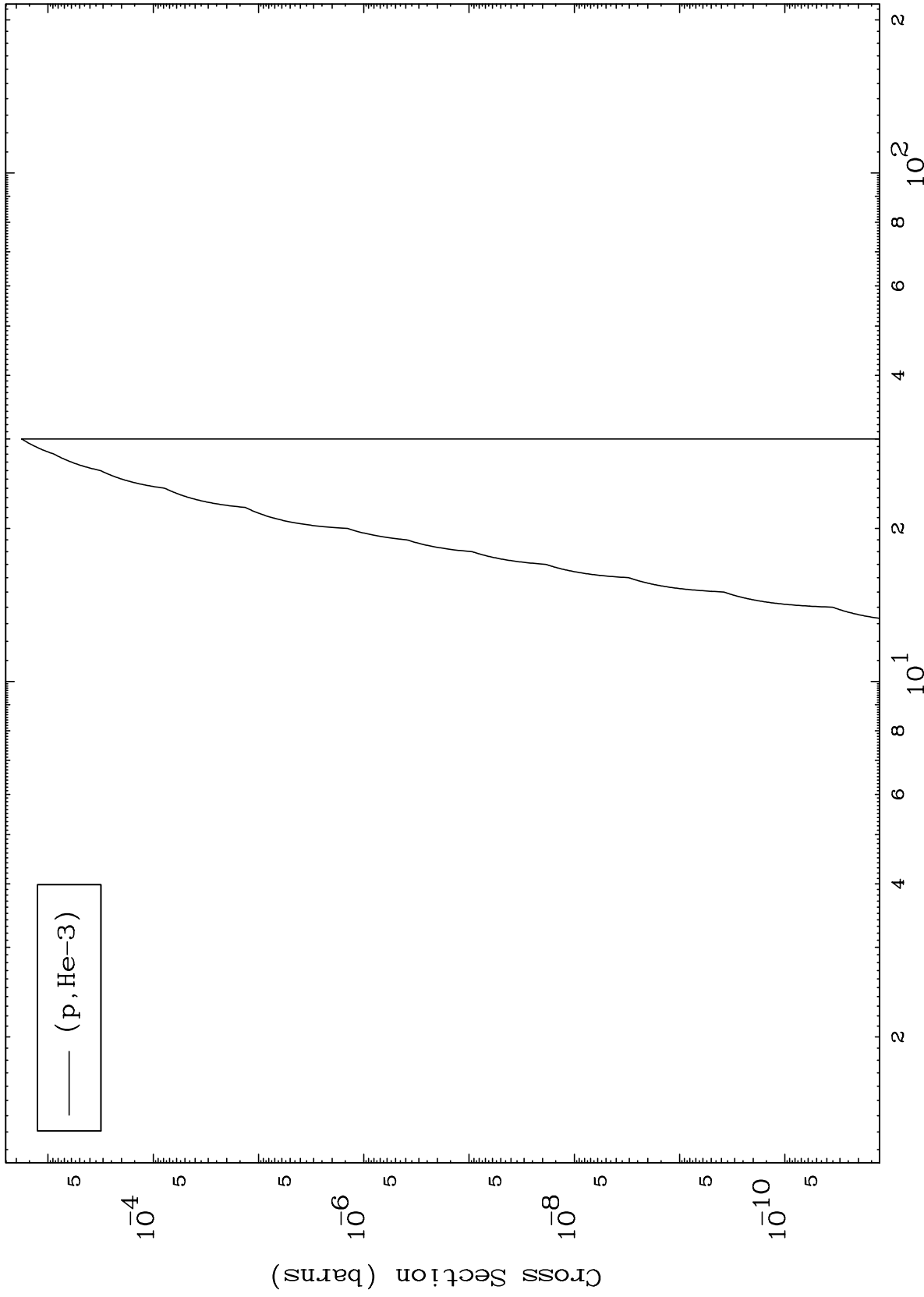


81-Tl-188

MAT 8081

(p,He3) Levels  
0 Kelvin Cross Sections

81-Tl-188



10

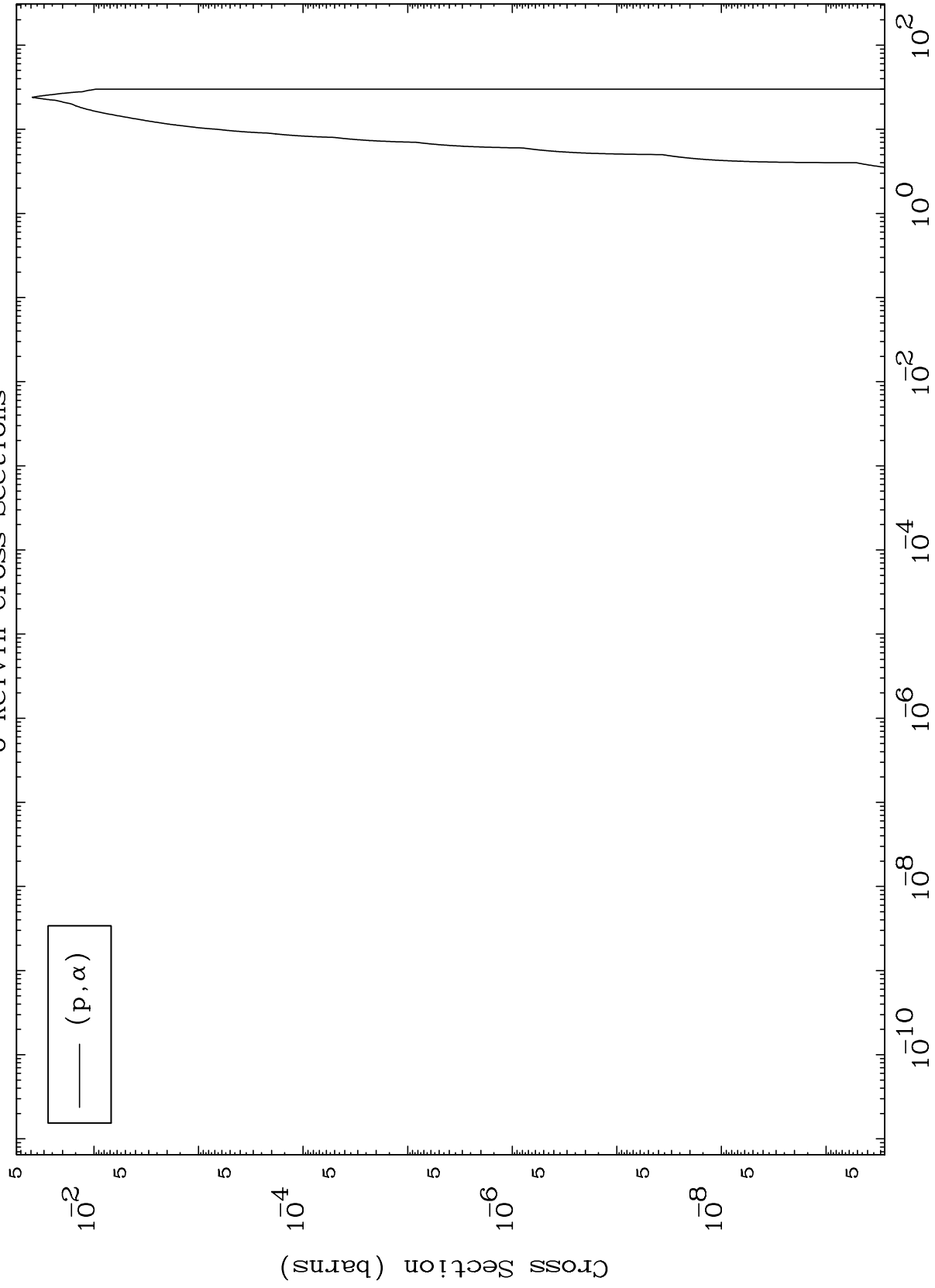
Incident Energy (MeV)

81-Tl-188

MAT 8081

(p,α) Levels  
0 Kelvin Cross Sections

81-Tl-188



11

Incident Energy (MeV)

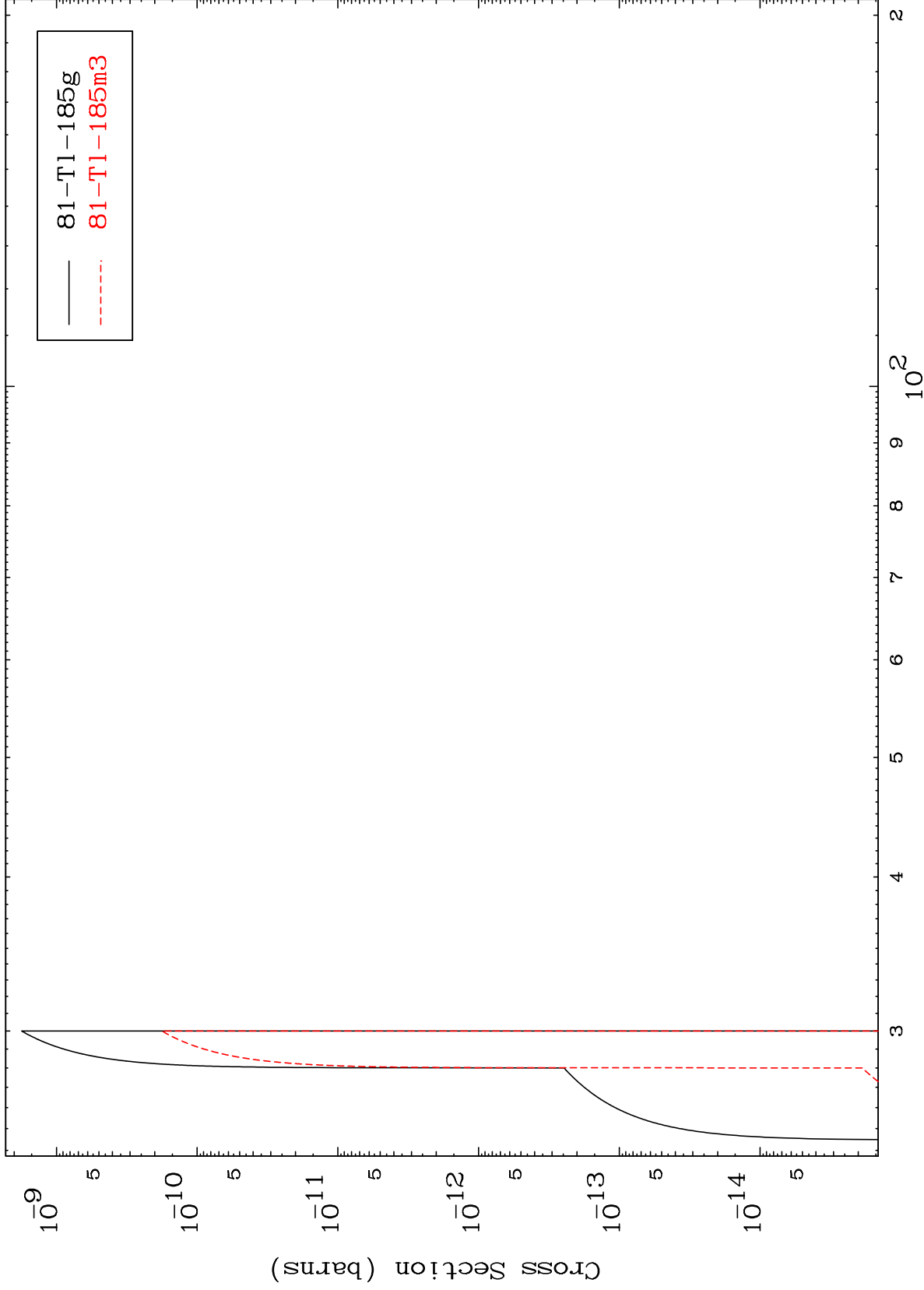
81-Tl-188

MAT 8081

(p,2n) d

81-Tl-188

Radionuclide Production Cross Section



12

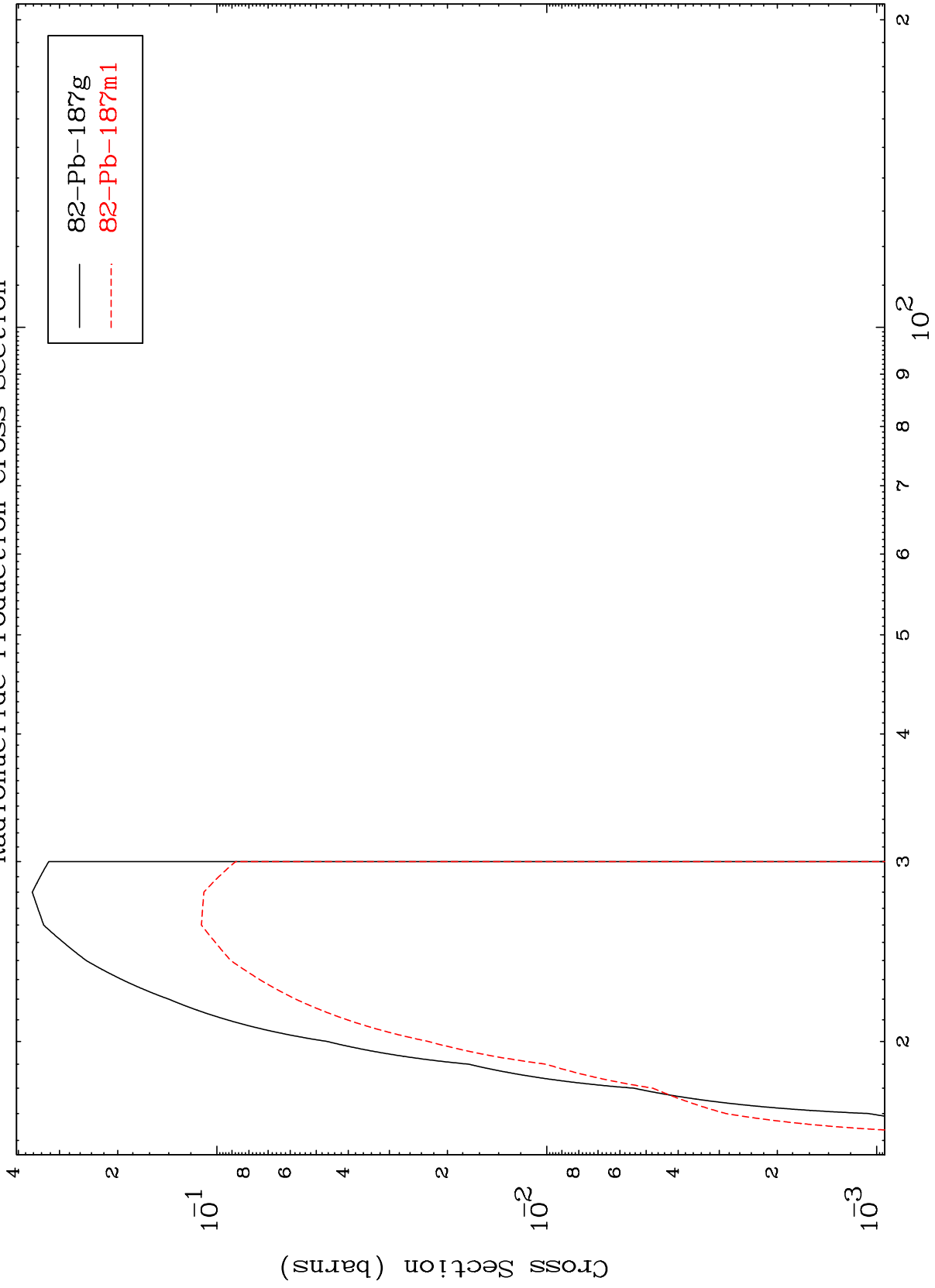
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

(p,2n)  
Radionuclide Production Cross Section



13

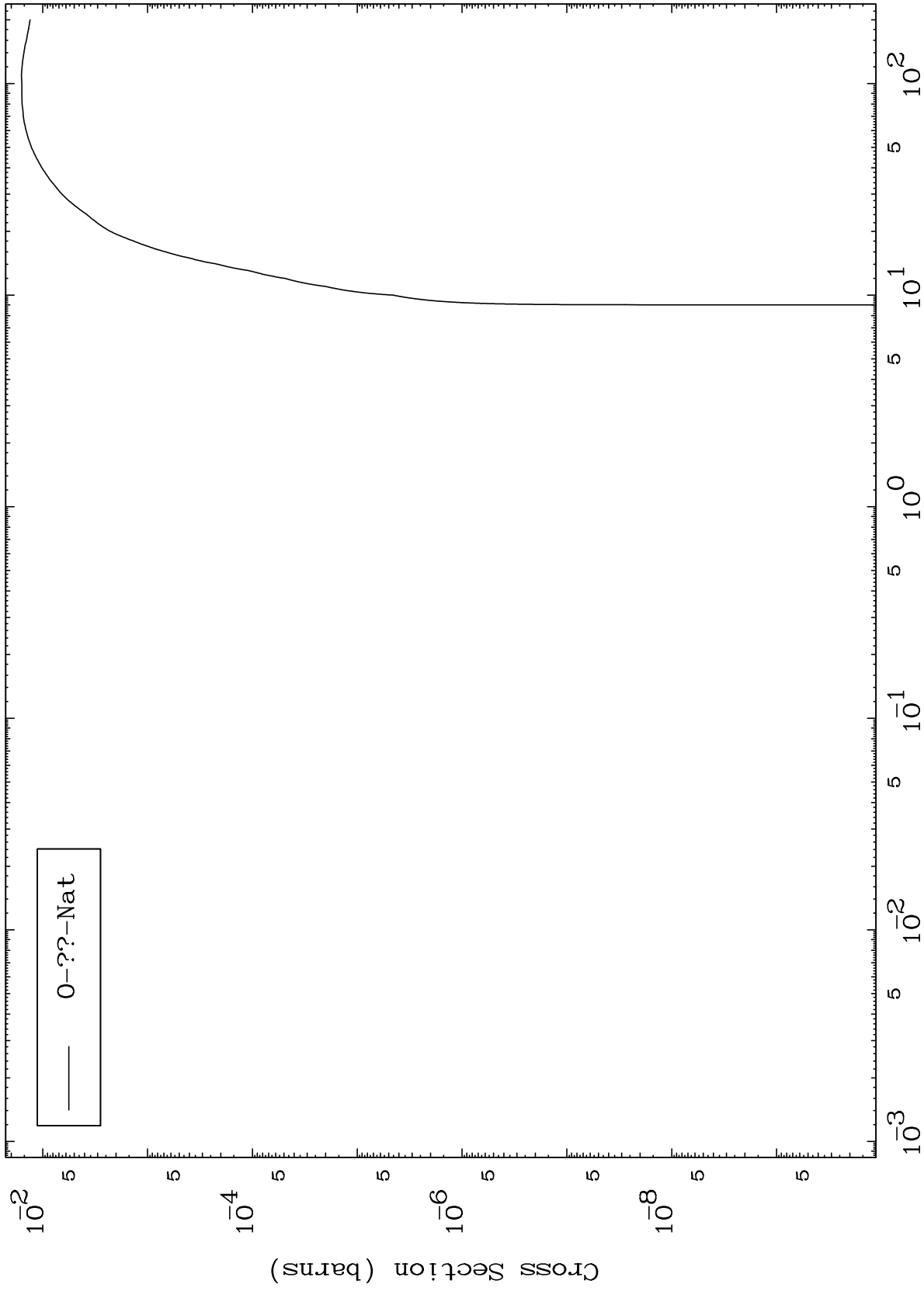
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

Proton Fission  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

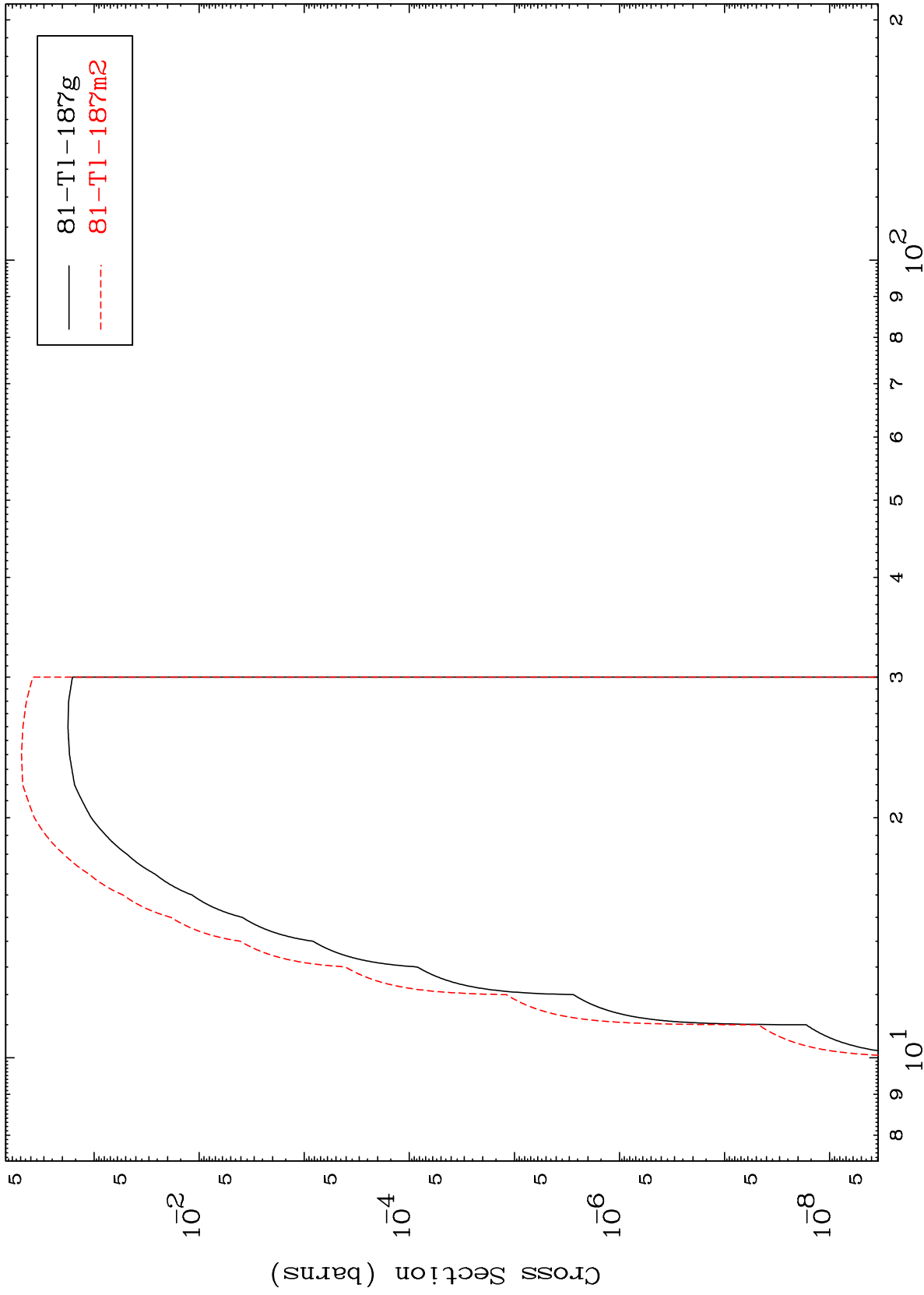
81-Tl-188

MAT 8081

(p,n') p

81-Tl-188

Radionuclide Production Cross Section



15

Incident Energy (MeV)

81-Tl-188

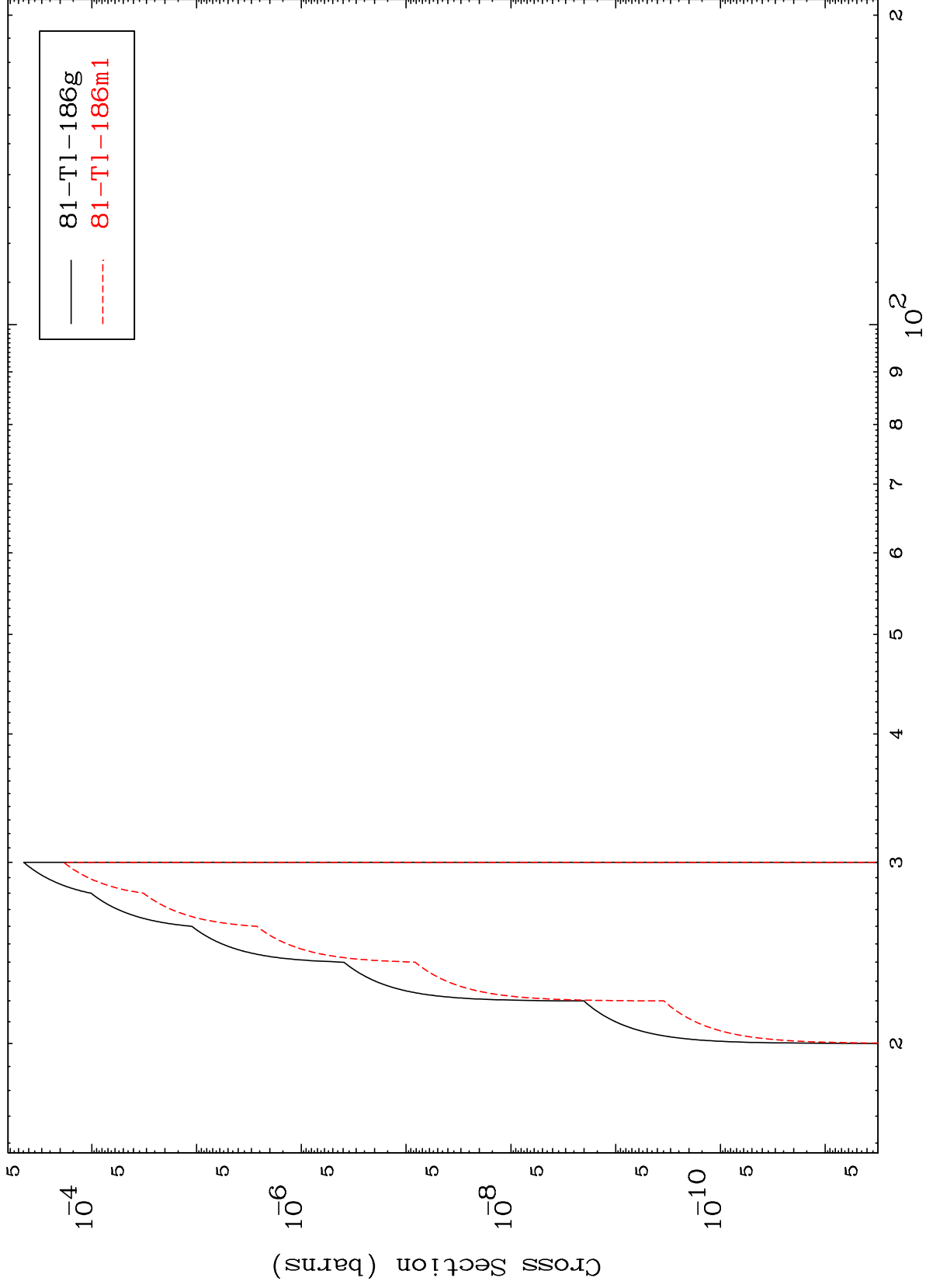


MAT 8081

(p,n') d

81-Tl-188

Radionuclide Production Cross Section



16

Incident Energy (MeV)

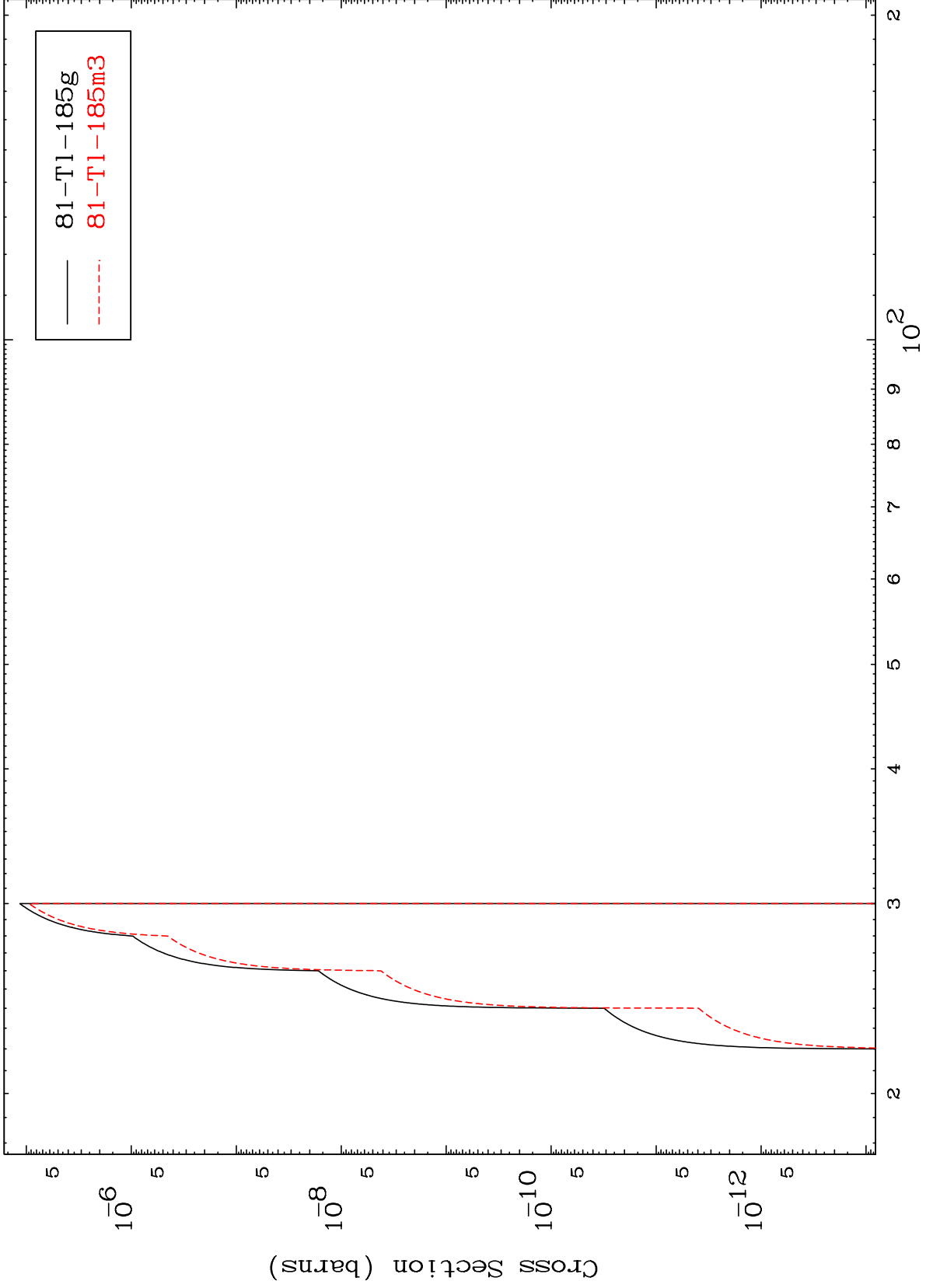
81-Tl-188

MAT 8081

(p,n') t

81-Tl-188

Radionuclide Production Cross Section



17

Incident Energy (MeV)

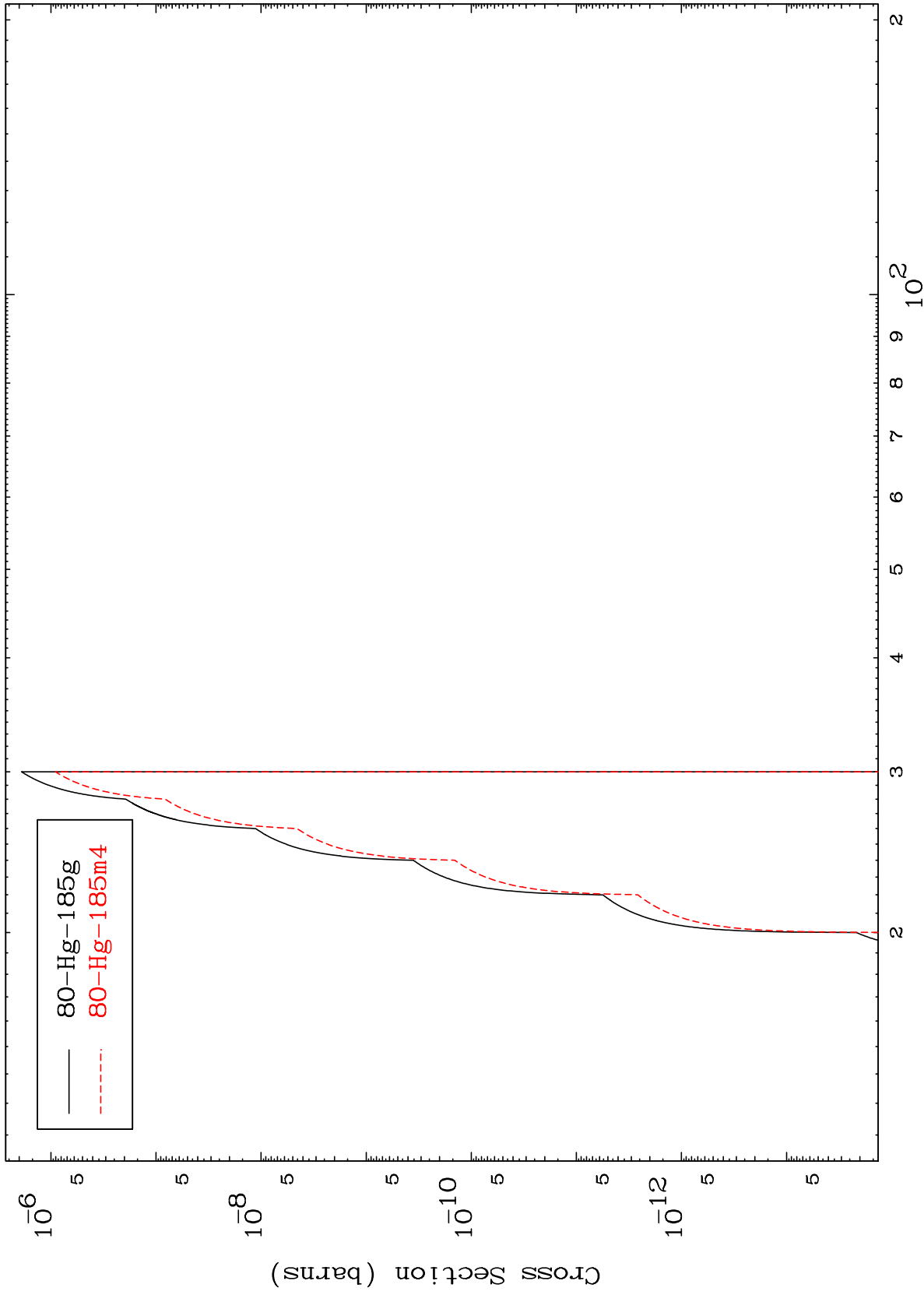
81-Tl-188

MAT 8081

(p,n') He-3

81-Tl-188

Radionuclide Production Cross Section



18

Incident Energy (MeV)

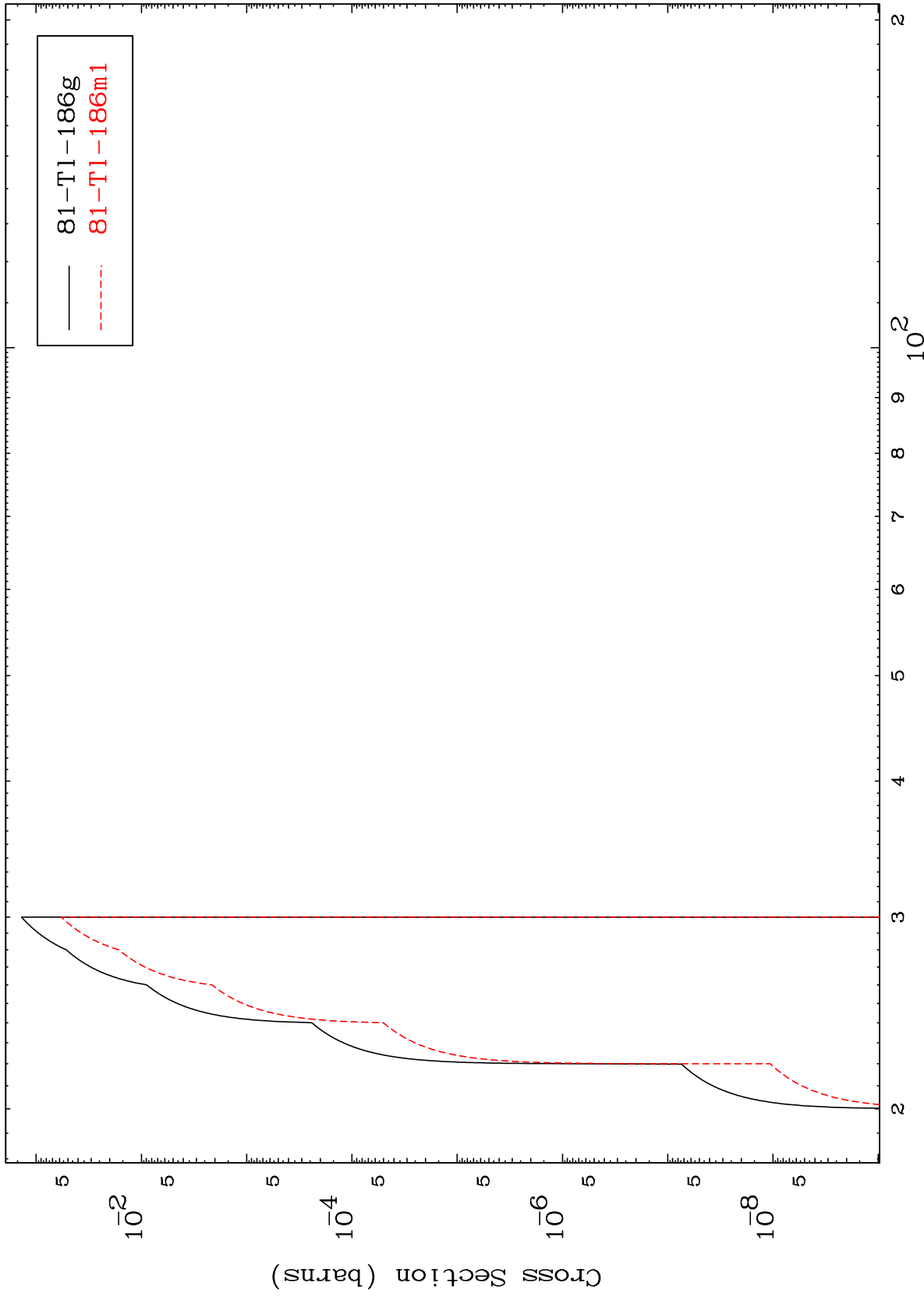
81-Tl-188

MAT 8081

(p,2n) p

81-Tl-188

Radionuclide Production Cross Section



19

Incident Energy (MeV)

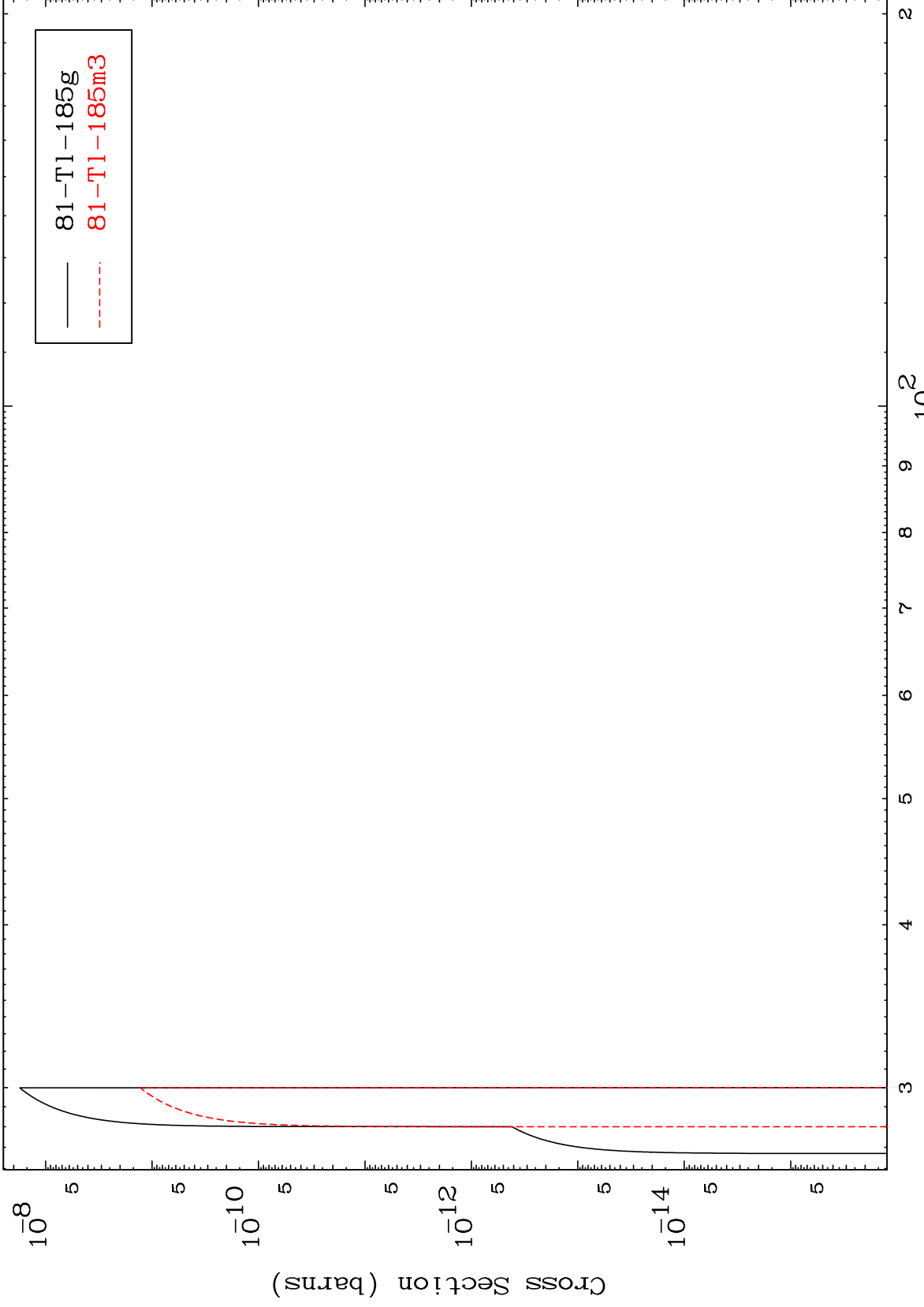
81-Tl-188

MAT 8081

(p,3n) p

81-Tl-188

Radionuclide Production Cross Section



20

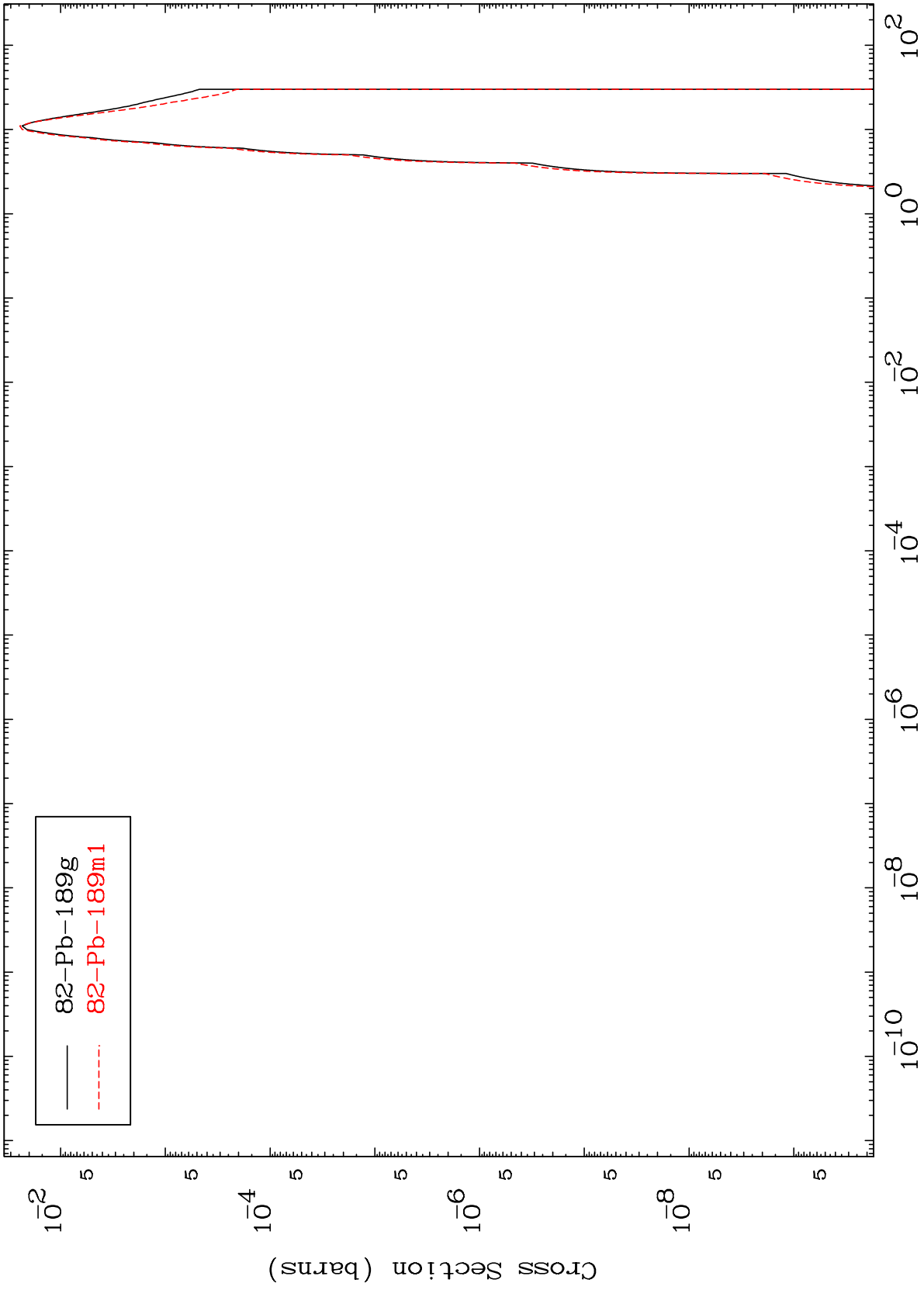
Incident Energy (MeV)

81-Tl-188

MAT 8081

Radionuclide Production Cross Section  
(p,γ)

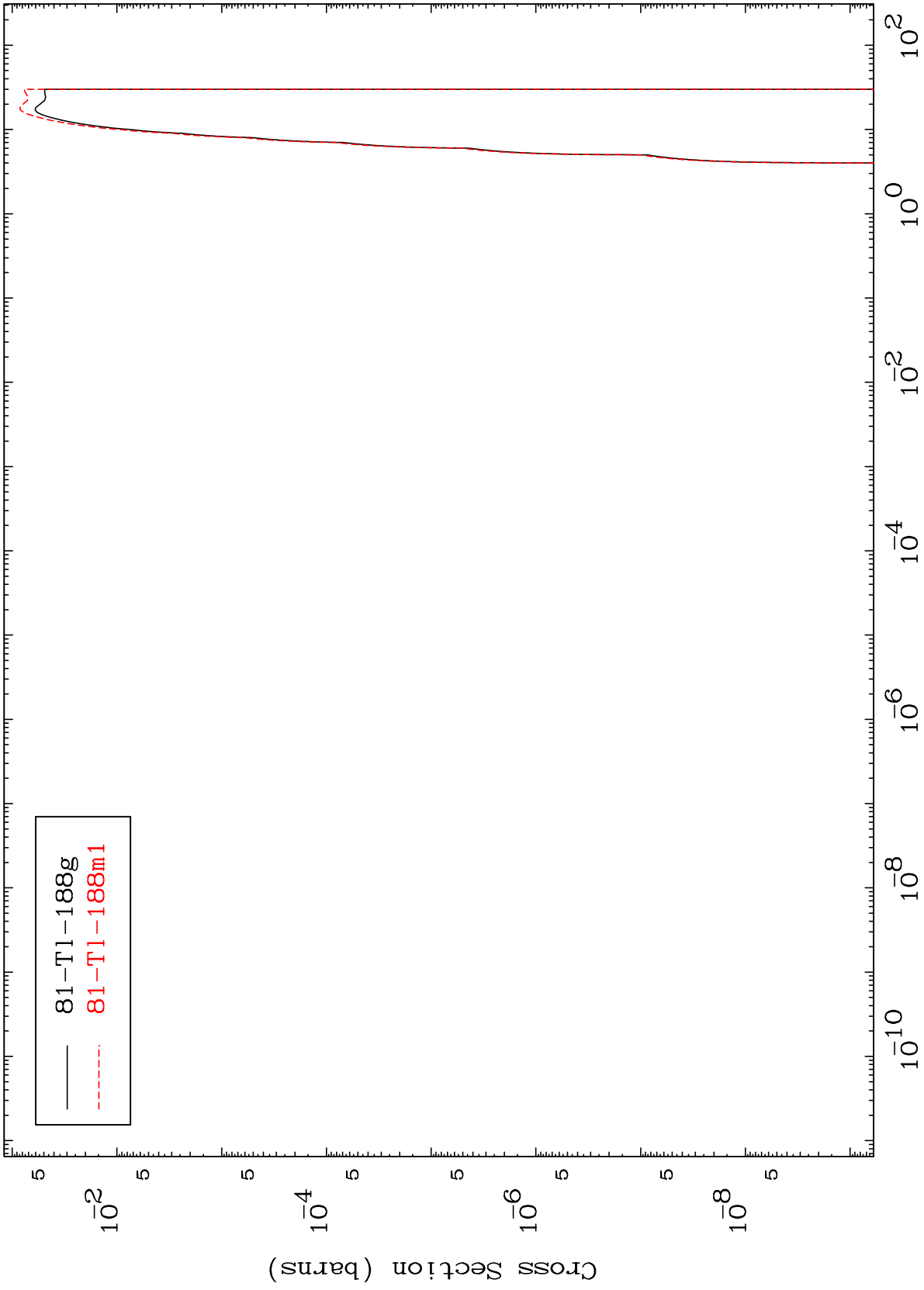
81-Tl-188



MAT 8081

Radionuclide Production Cross Section  
(p,p)

81-Tl-188

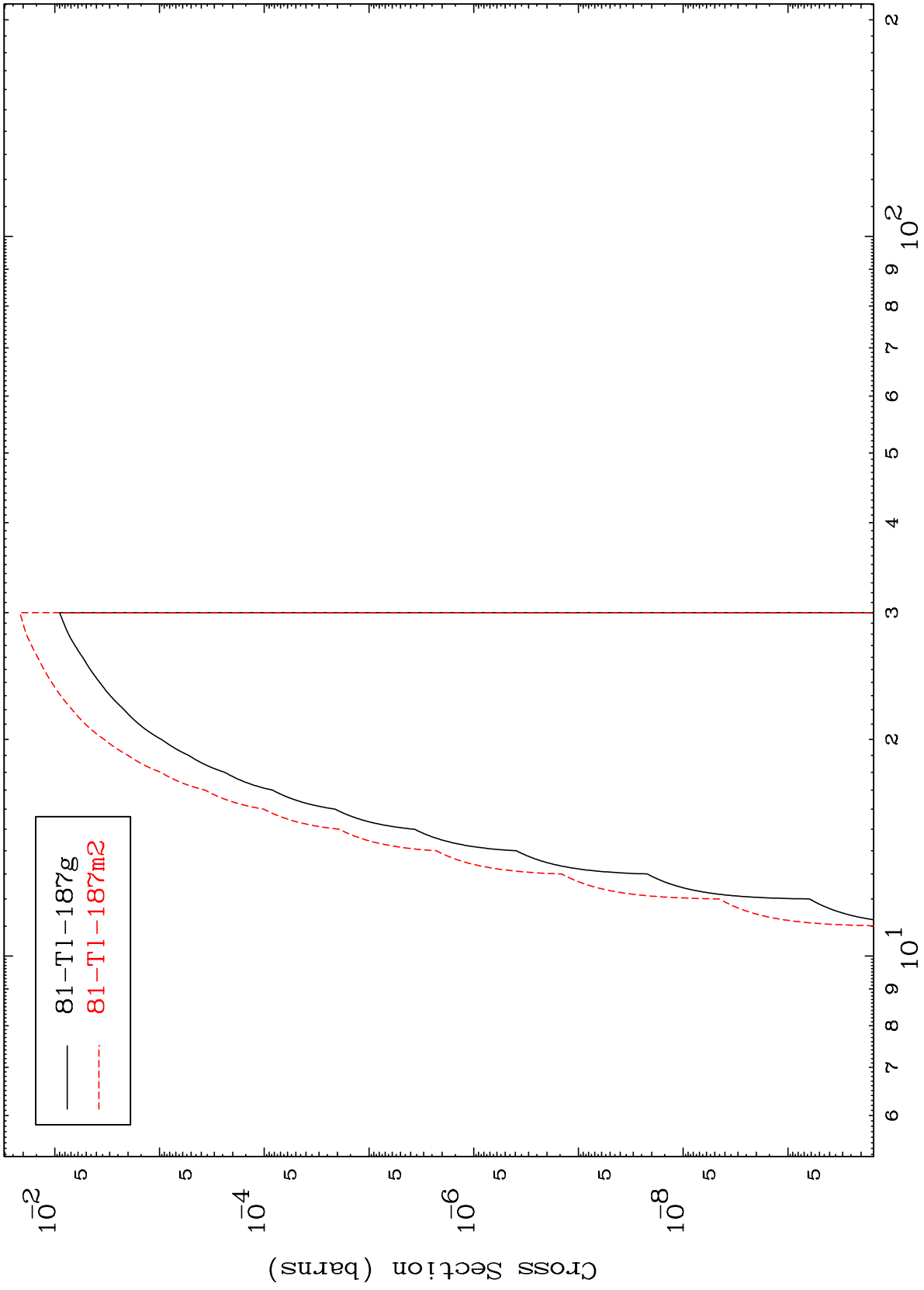


81-Tl-188

MAT 8081

81-Tl-188

(p,d)  
Radionuclide Production Cross Section



81-Tl-187g  
81-Tl-187m2

23

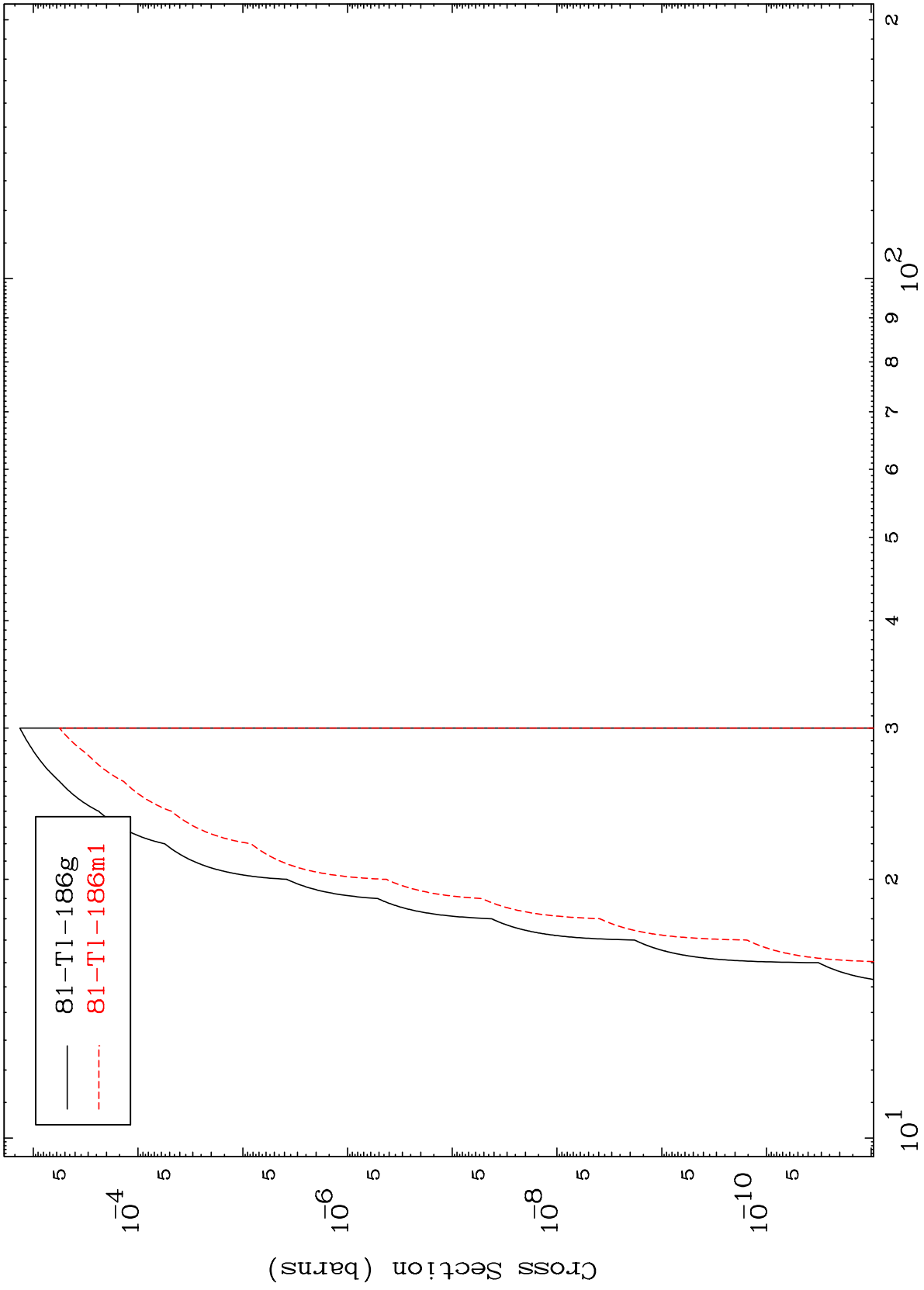
81-Tl-188



MAT 8081

81-Tl-188

Radionuclide Production Cross Section  
(p, t)



24

Incident Energy (MeV)

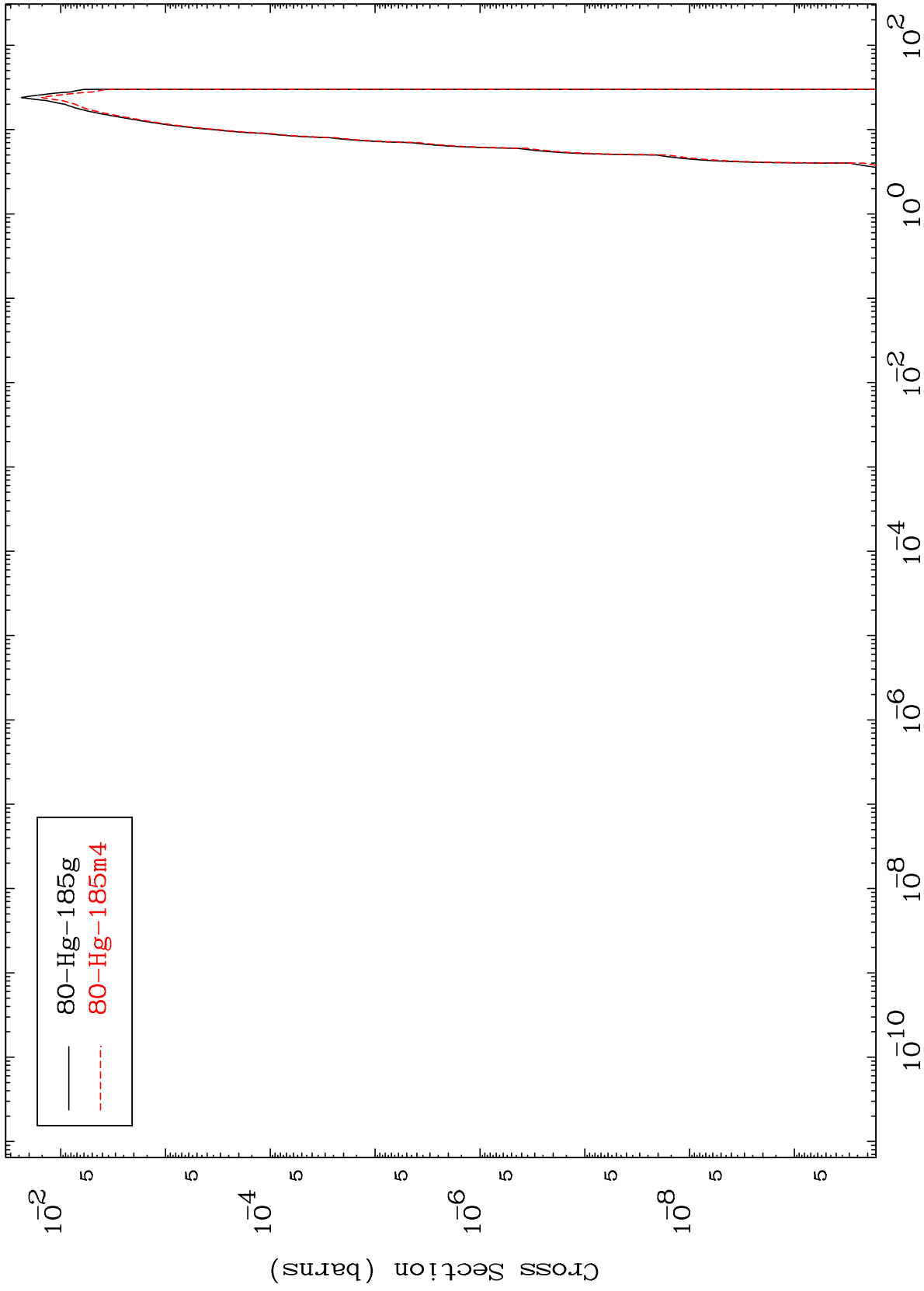
81-Tl-188

MAT 8081

(p,  $\alpha$ )

81-Tl-188

Radionuclide Production Cross Section



25

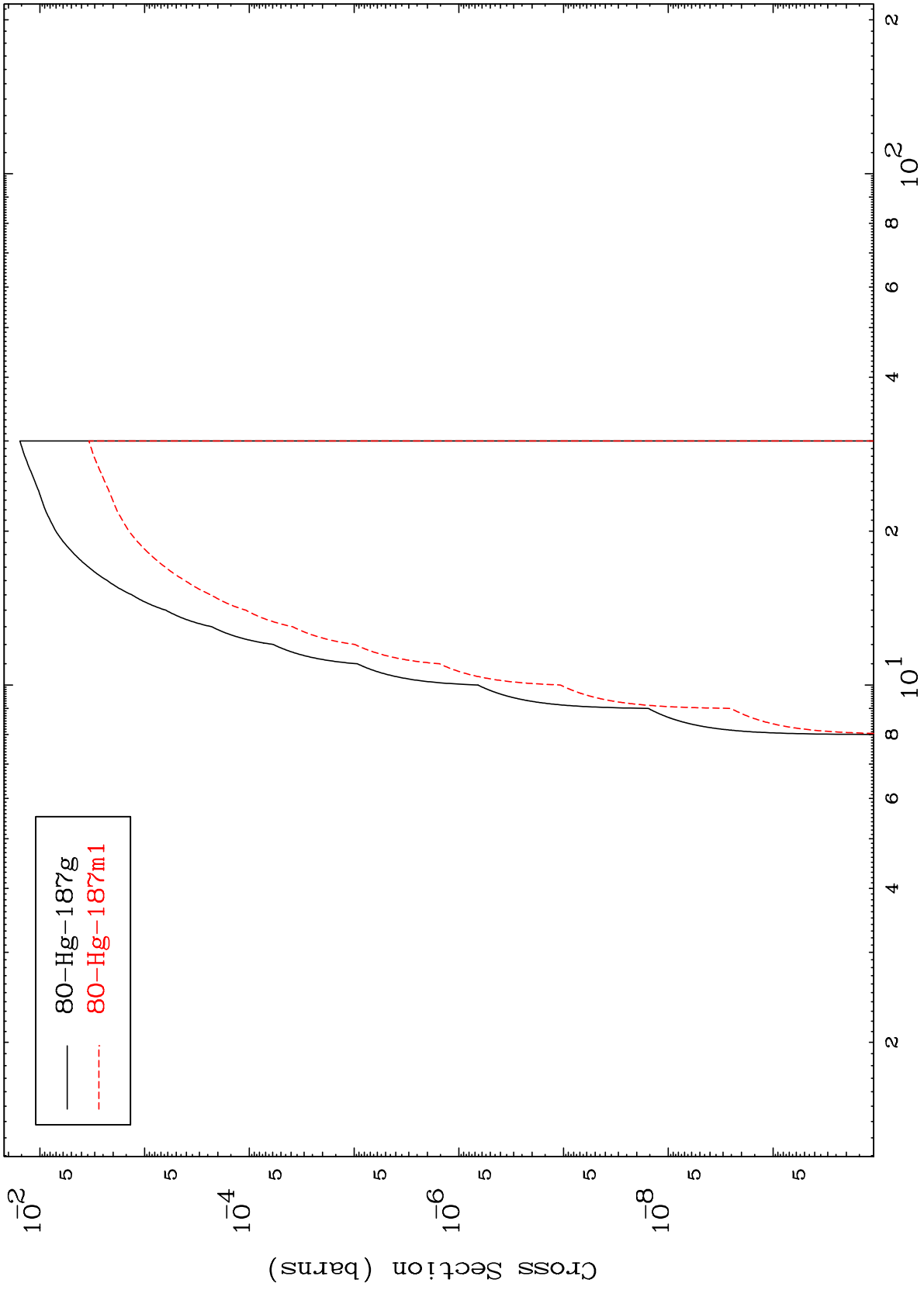
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

(p,2p)  
Radionuclide Production Cross Section



26

Incident Energy (MeV)

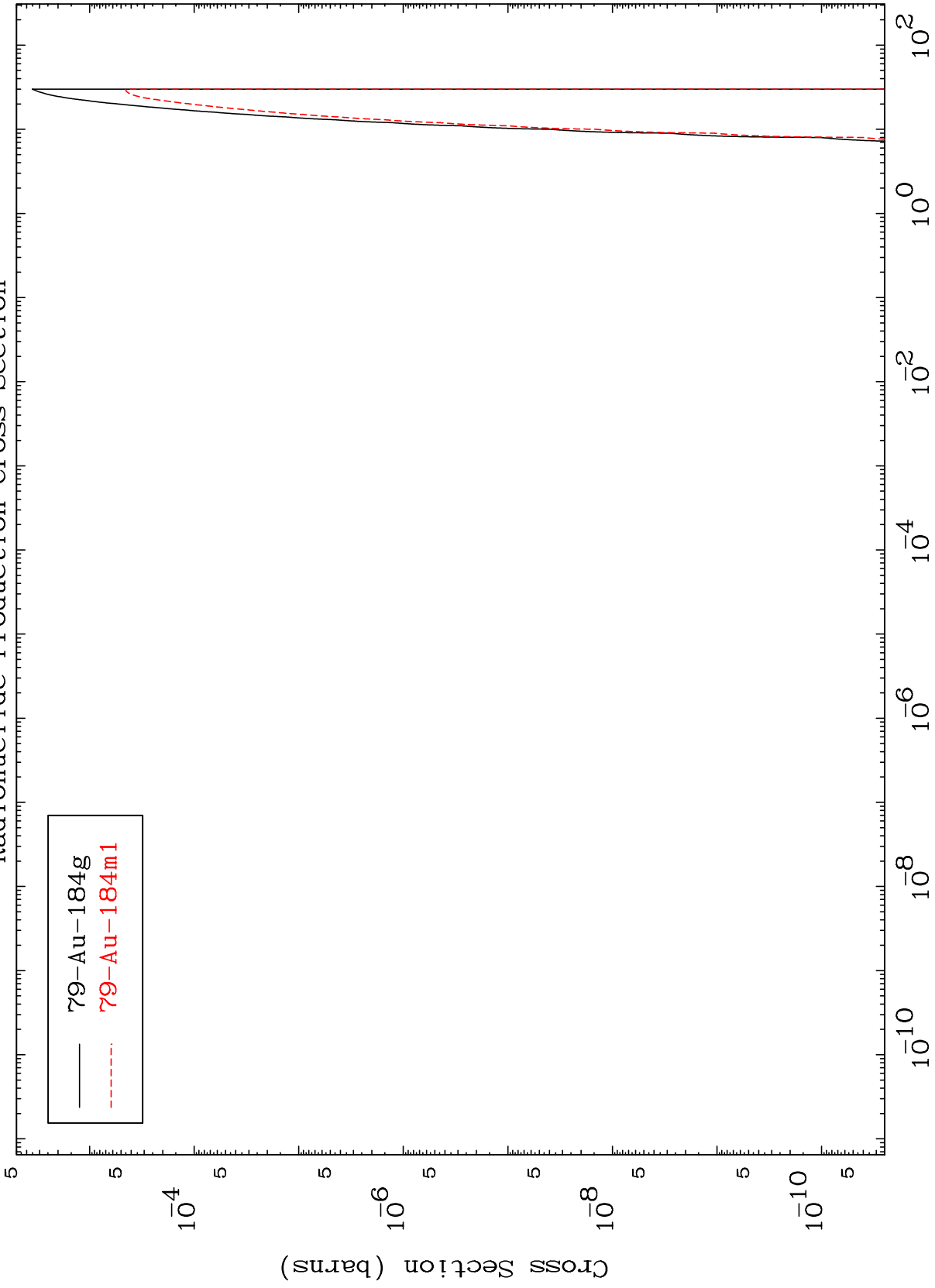
81-Tl-188

MAT 8081

(p,p)  $\alpha$

81-Tl-188

Radionuclide Production Cross Section



27

Incident Energy (MeV)

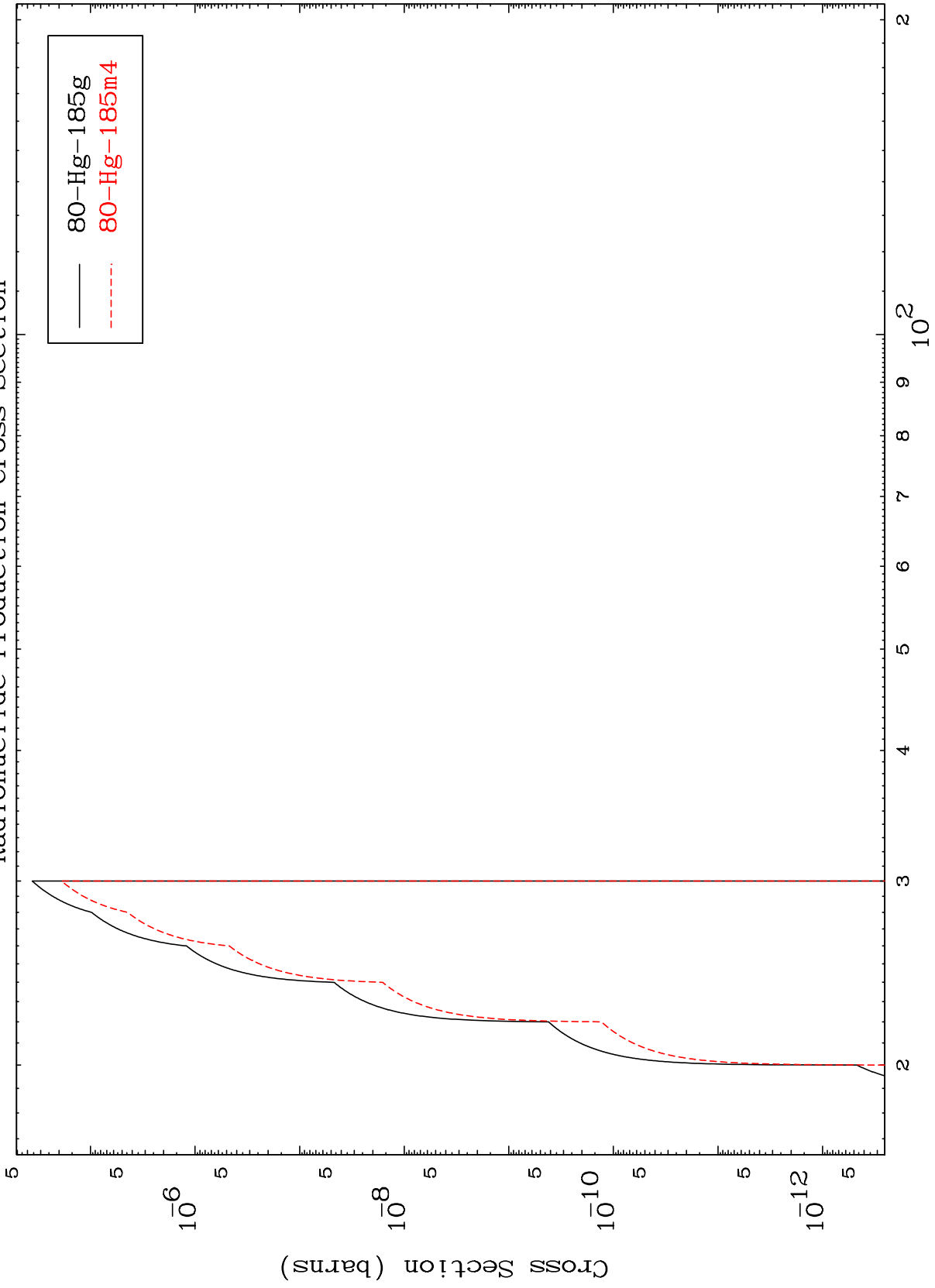
81-Tl-188

MAT 8081

(p,p) t

81-Tl-188

Radionuclide Production Cross Section



28

Incident Energy (MeV)

81-Tl-188