

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

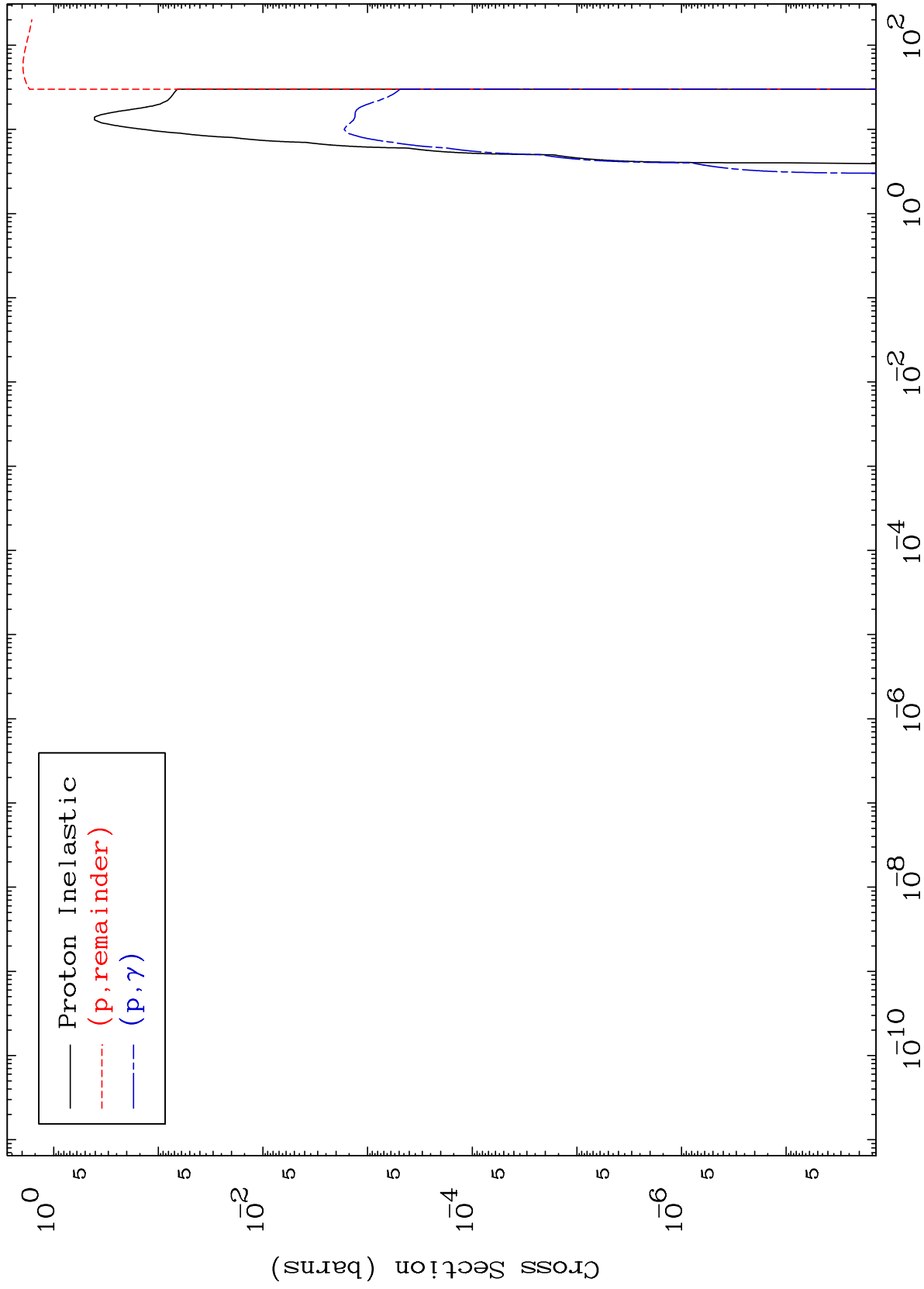
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8111

Proton Major  
0 Kelvin Cross Sections

81-T1-198



1

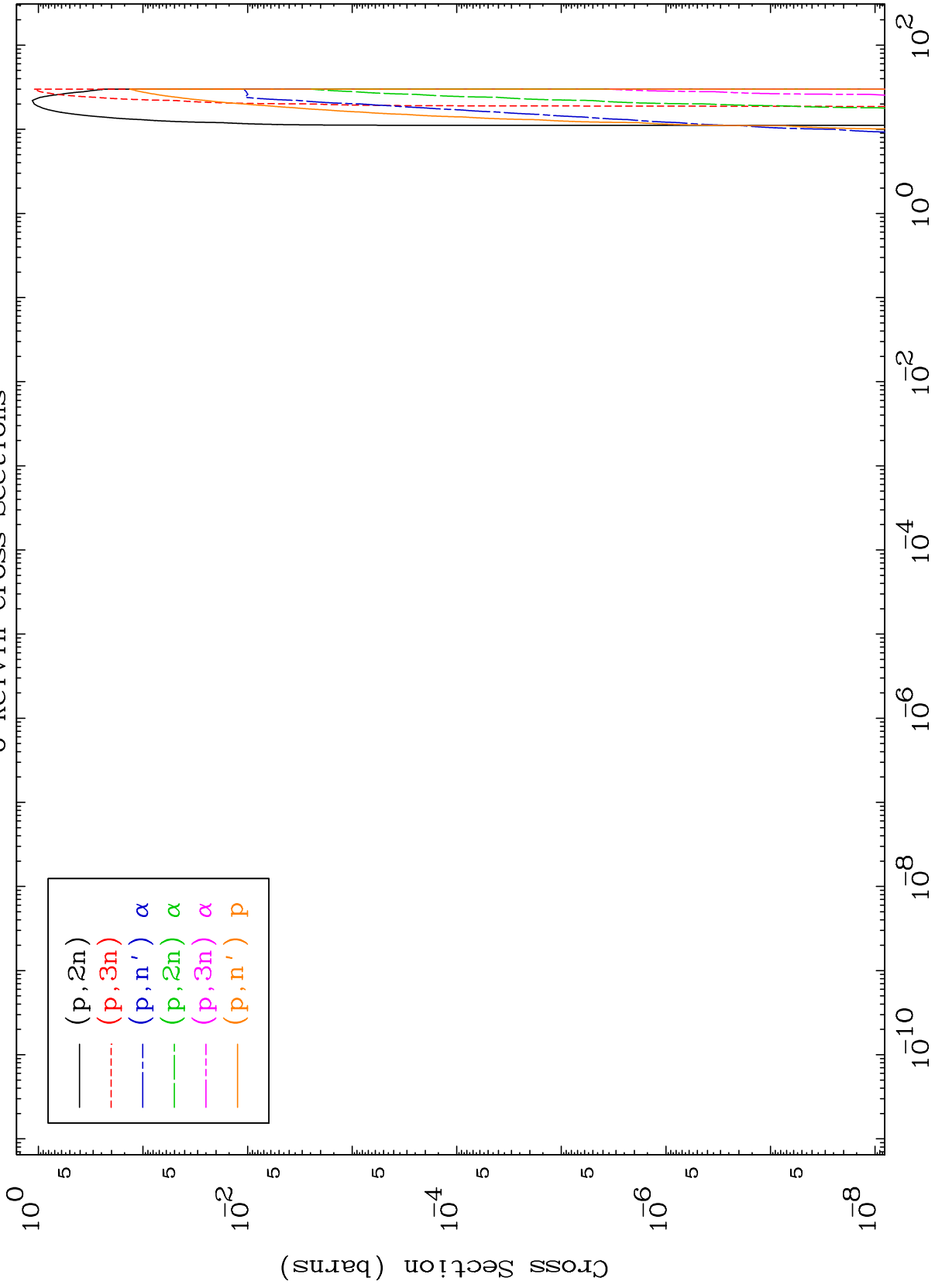
Incident Energy (MeV)

81-T1-198

MAT 8111

Proton Neutron Production  
0 Kelvin Cross Sections

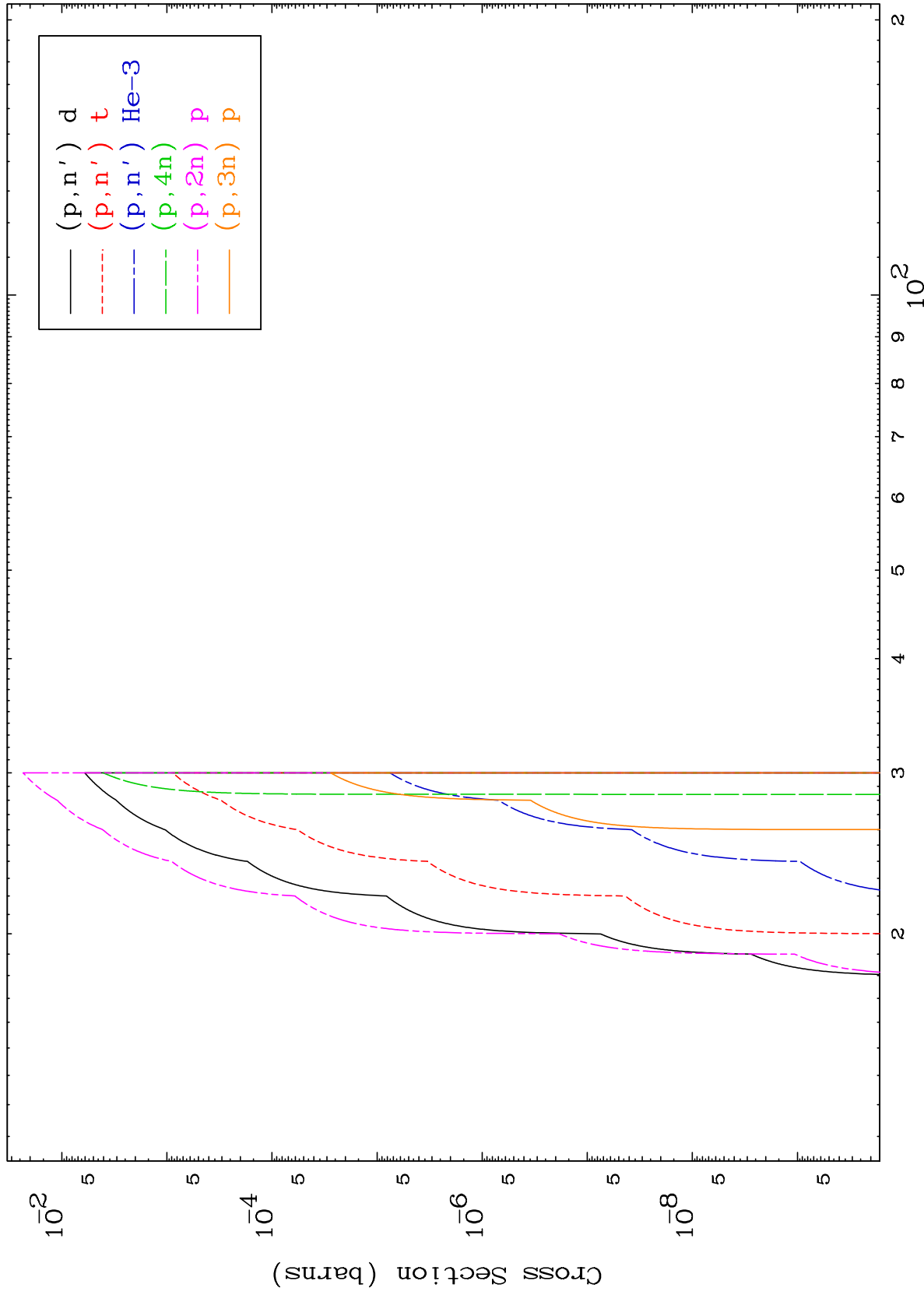
81-T1-198



2

Incident Energy (MeV)

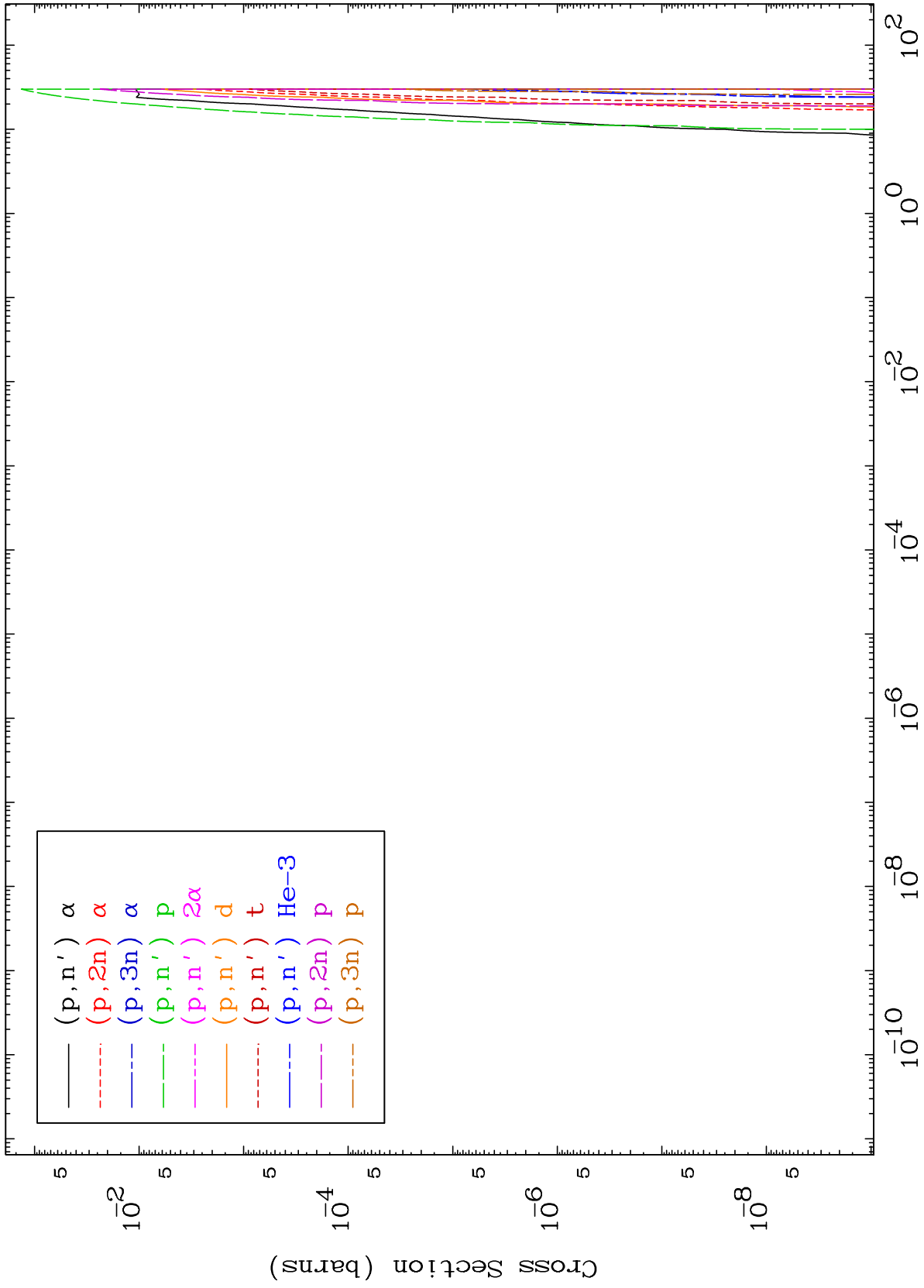
81-T1-198



MAT 8111

Proton Charged Particle  
0 Kelvin Cross Sections

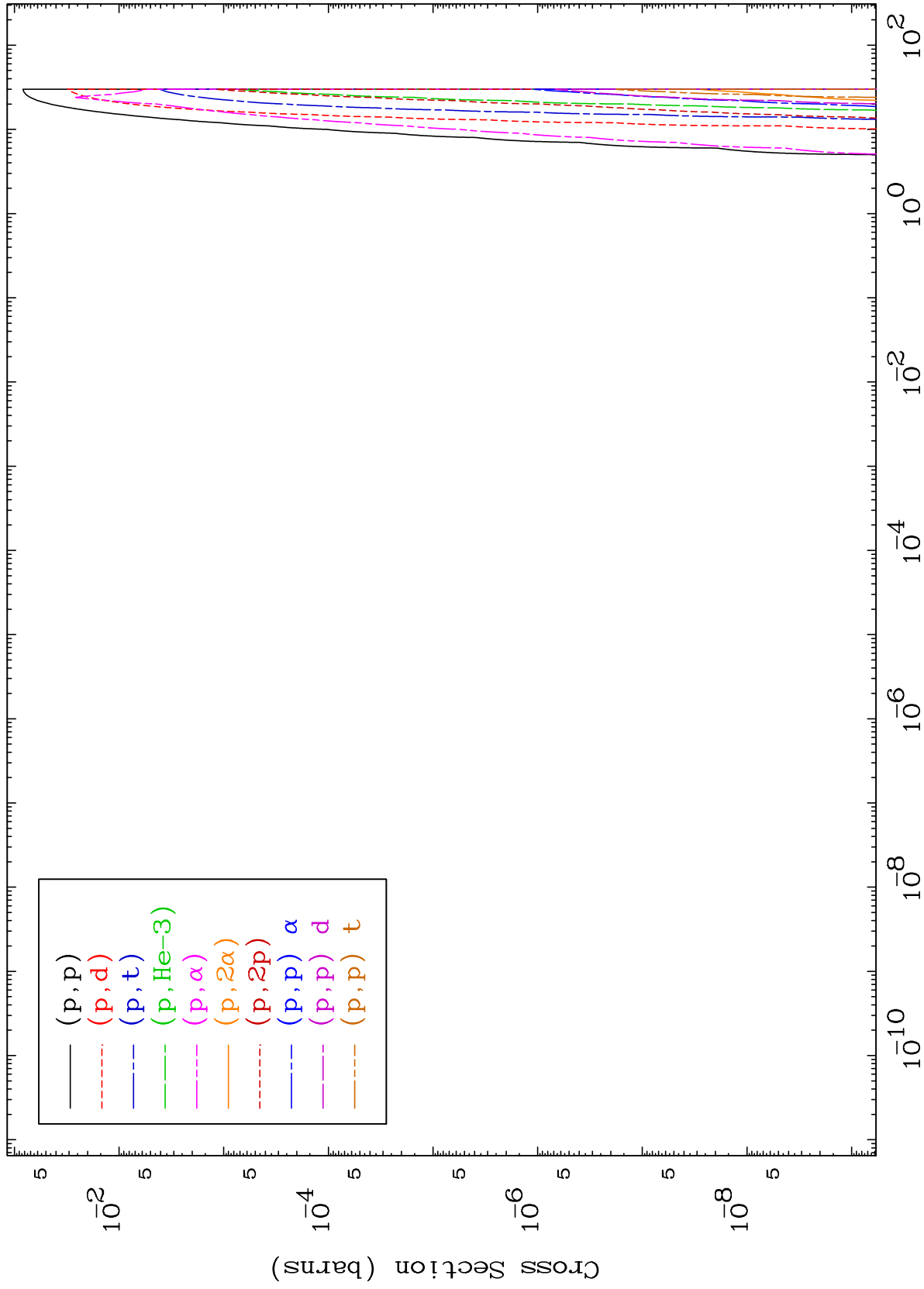
81-Tl-198



MAT 8111

Proton Charged Particle  
0 Kelvin Cross Sections

81-Tl-198



5

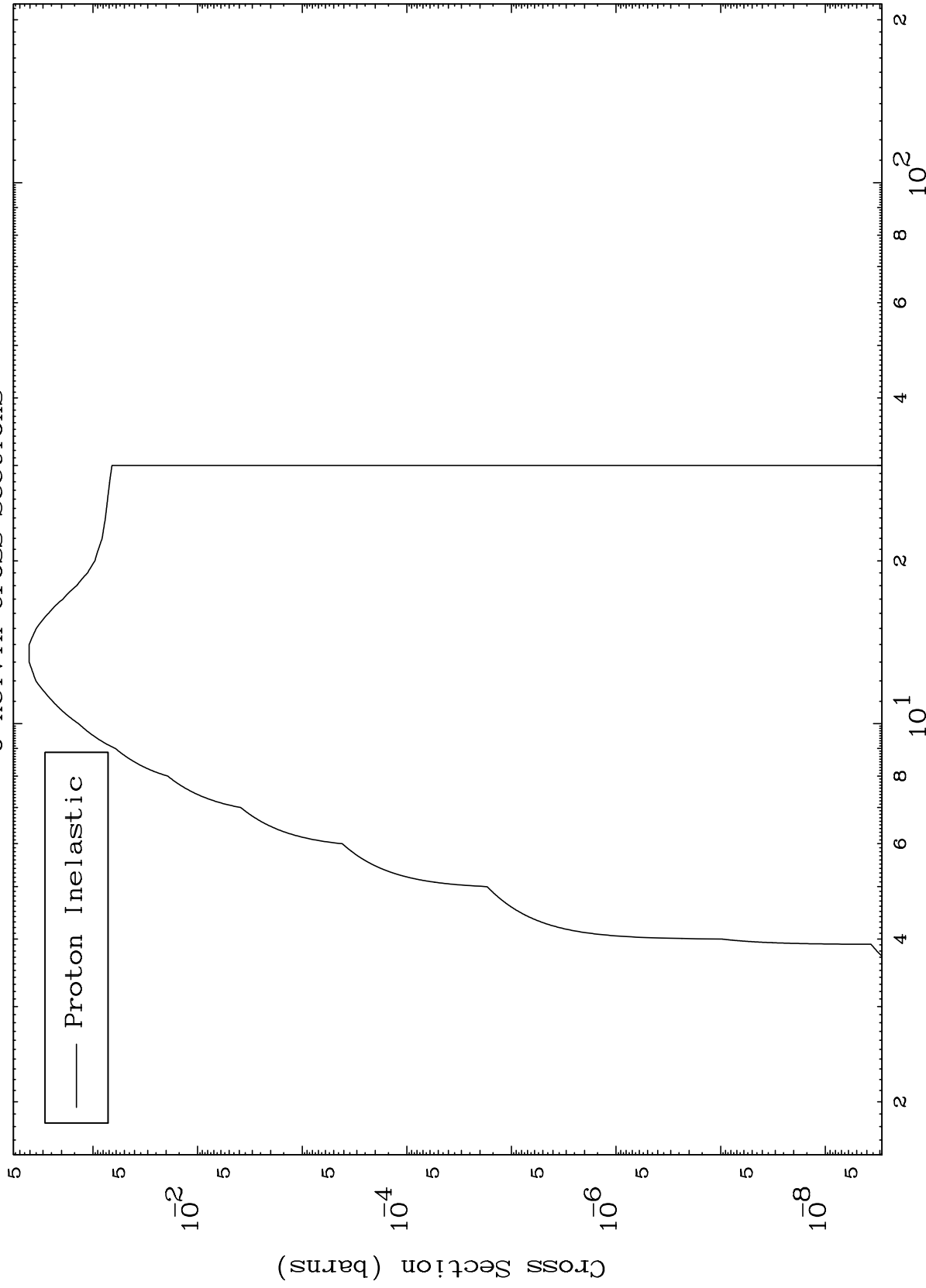
Incident Energy (MeV)

81-Tl-198

MAT 8111

(p,n') Level  
0 Kelvin Cross Sections

81-T1-198



6

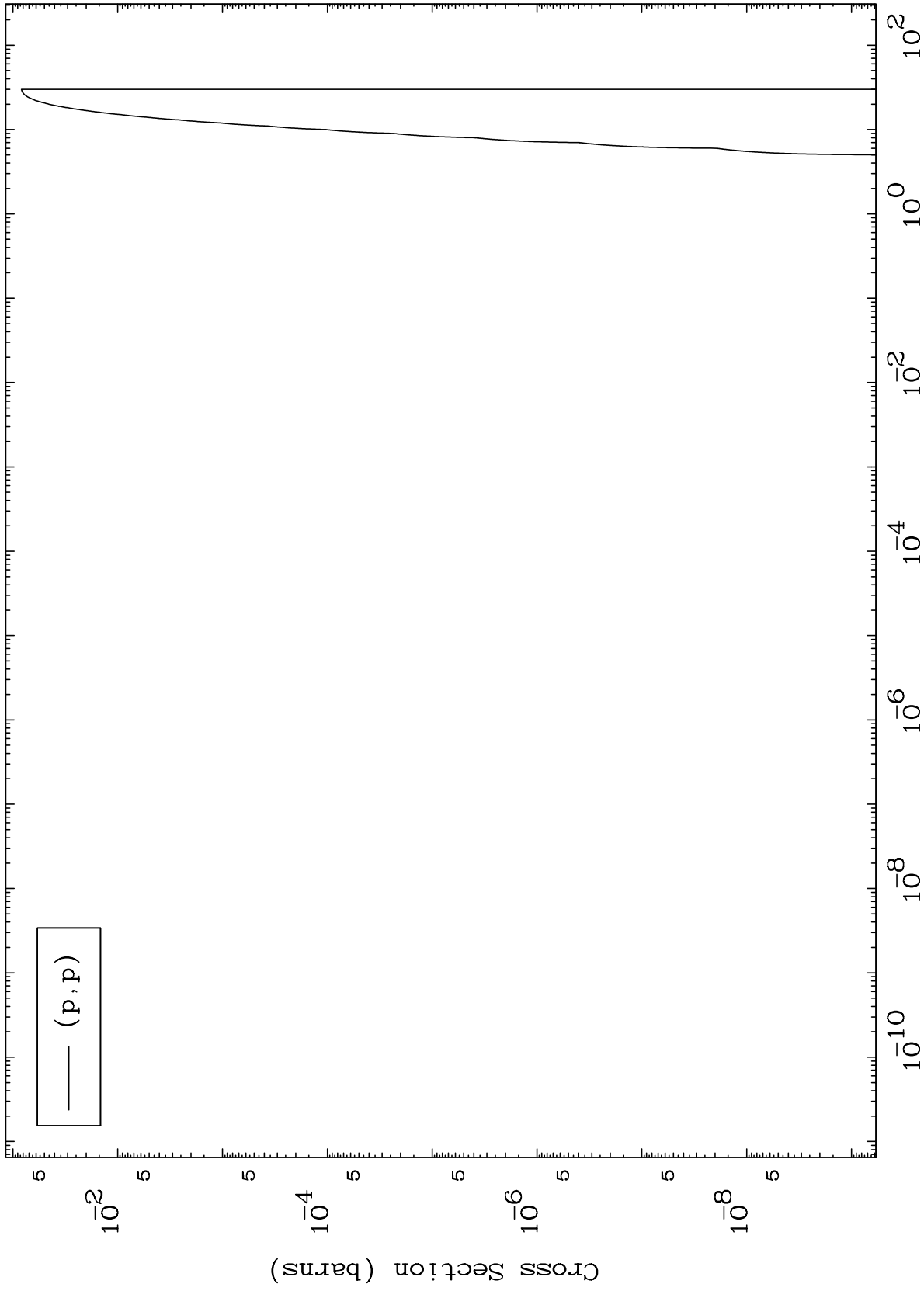
Incident Energy (MeV)

81-T1-198

MAT 8111

(p,p) Levels  
0 Kelvin Cross Sections

81-T1-198



7

Incident Energy (MeV)

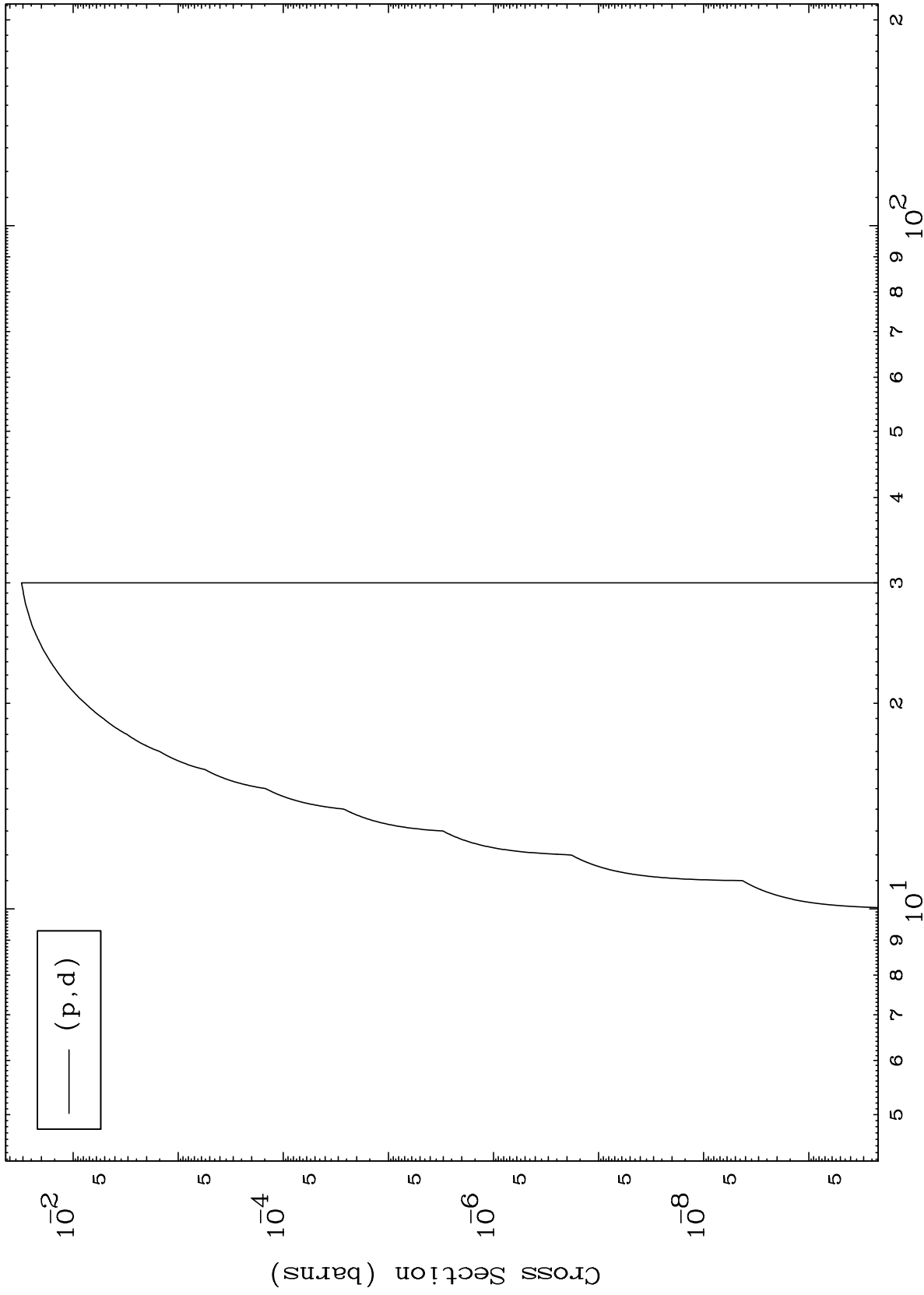
81-T1-198



MAT 8111

(p,d) Levels  
0 Kelvin Cross Sections

81-Tl-198



8

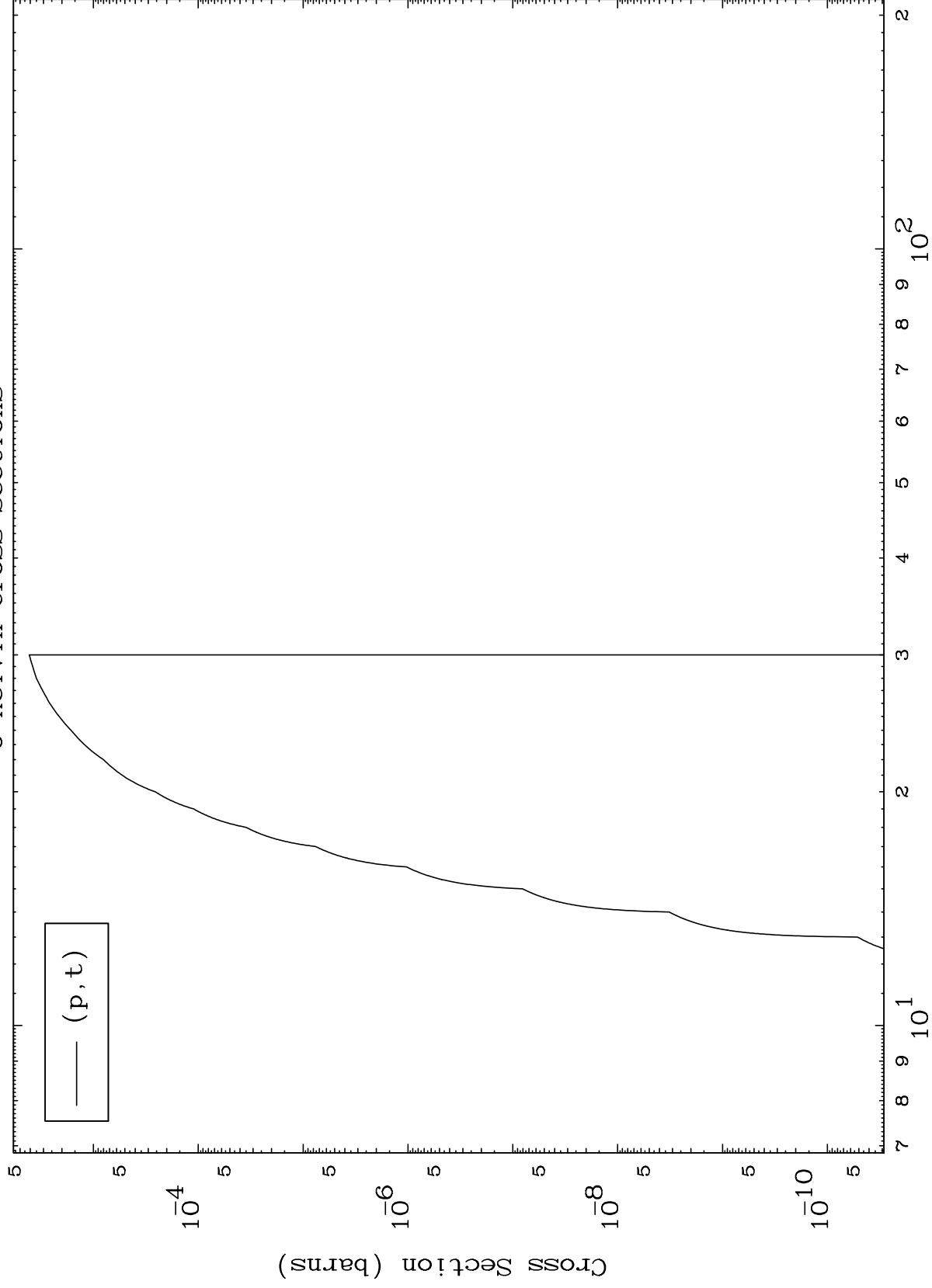
Incident Energy (MeV)

81-Tl-198

MAT 8111

(p,t) Levels  
0 Kelvin Cross Sections

81-Tl-198



9

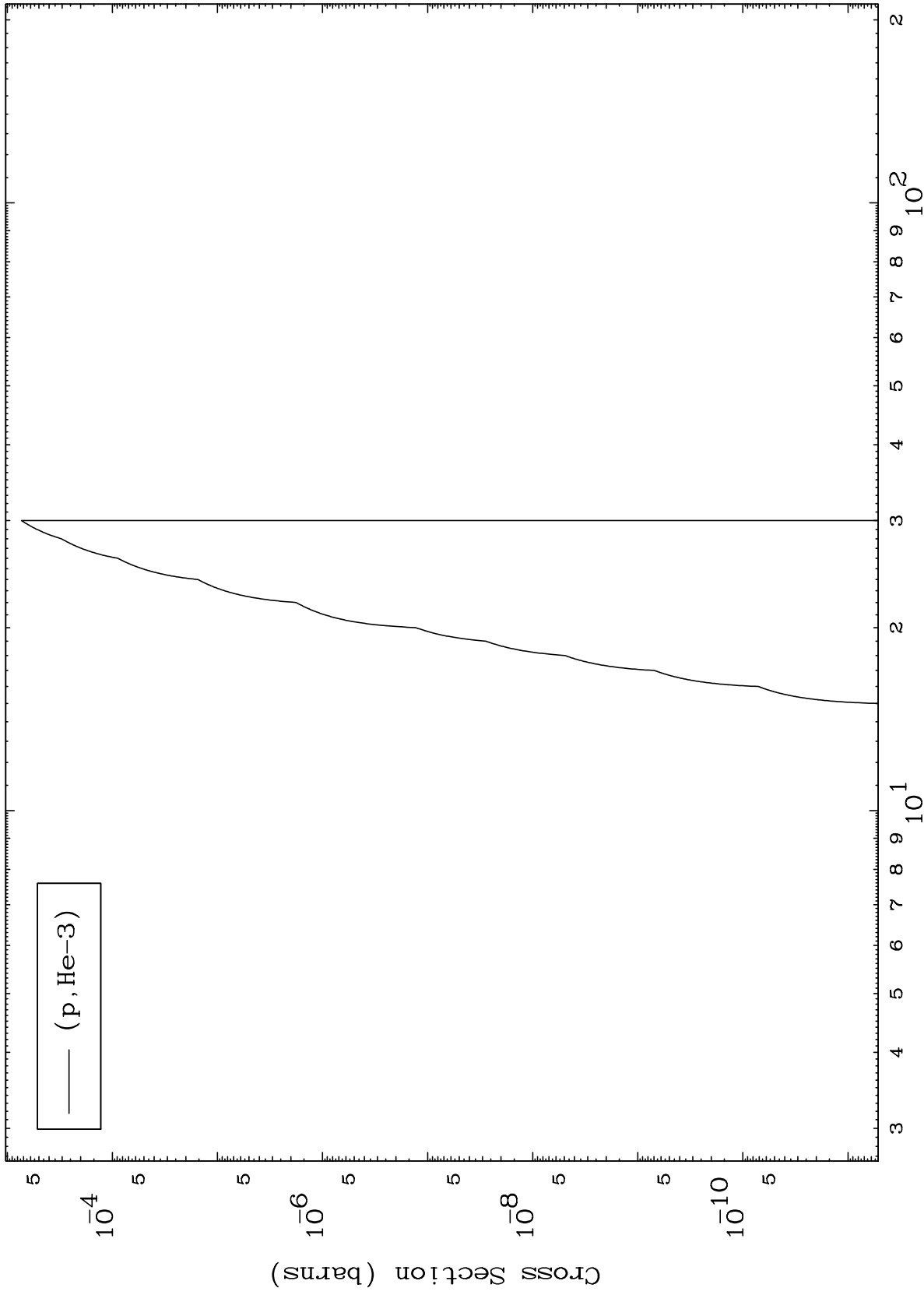
Incident Energy (MeV)

81-Tl-198

MAT 8111

(p,He3) Levels  
0 Kelvin Cross Sections

81-T1-198



10

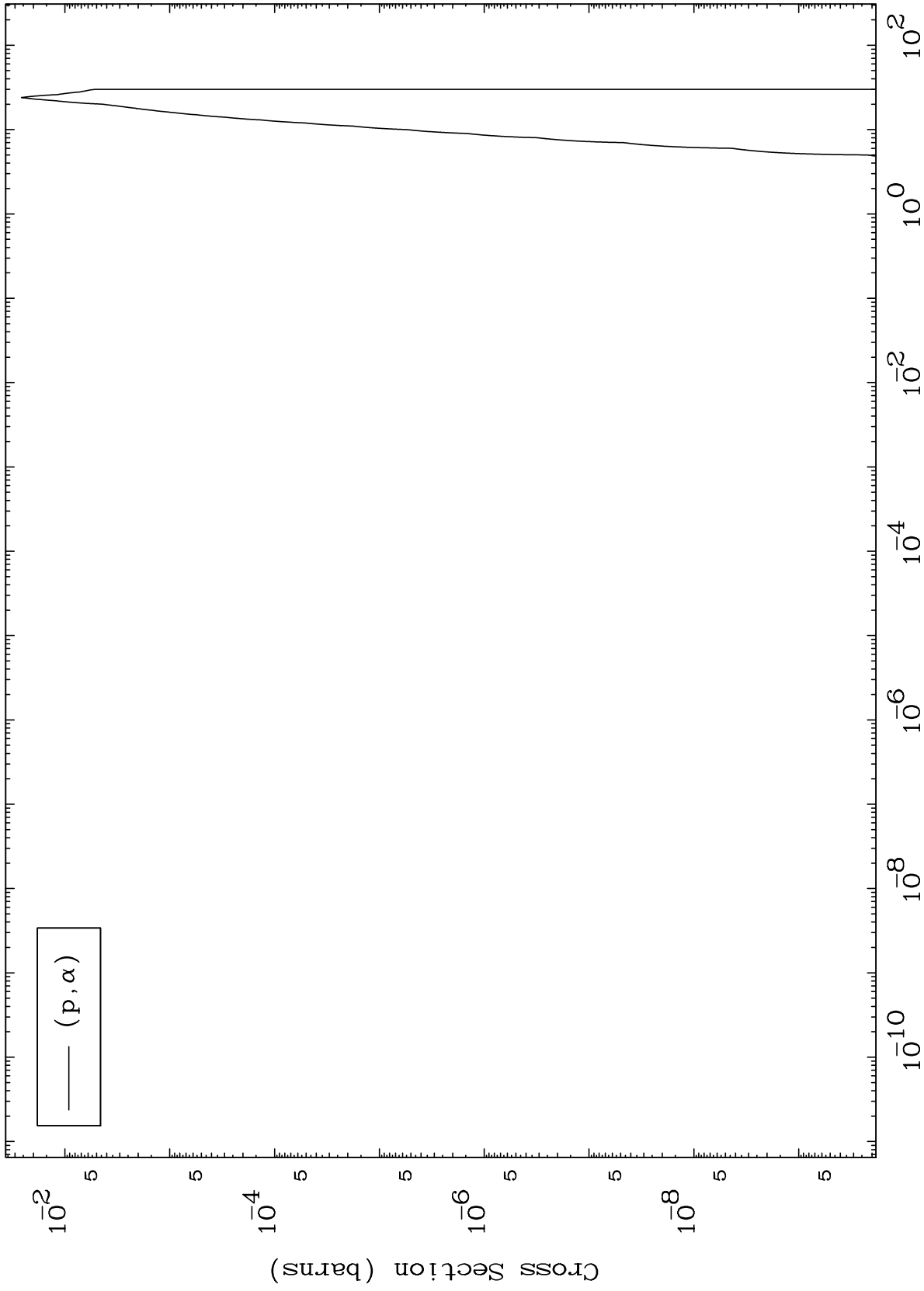
Incident Energy (MeV)

81-T1-198

MAT 8111

(p,α) Levels  
0 Kelvin Cross Sections

81-Tl-198



11

Incident Energy (MeV)

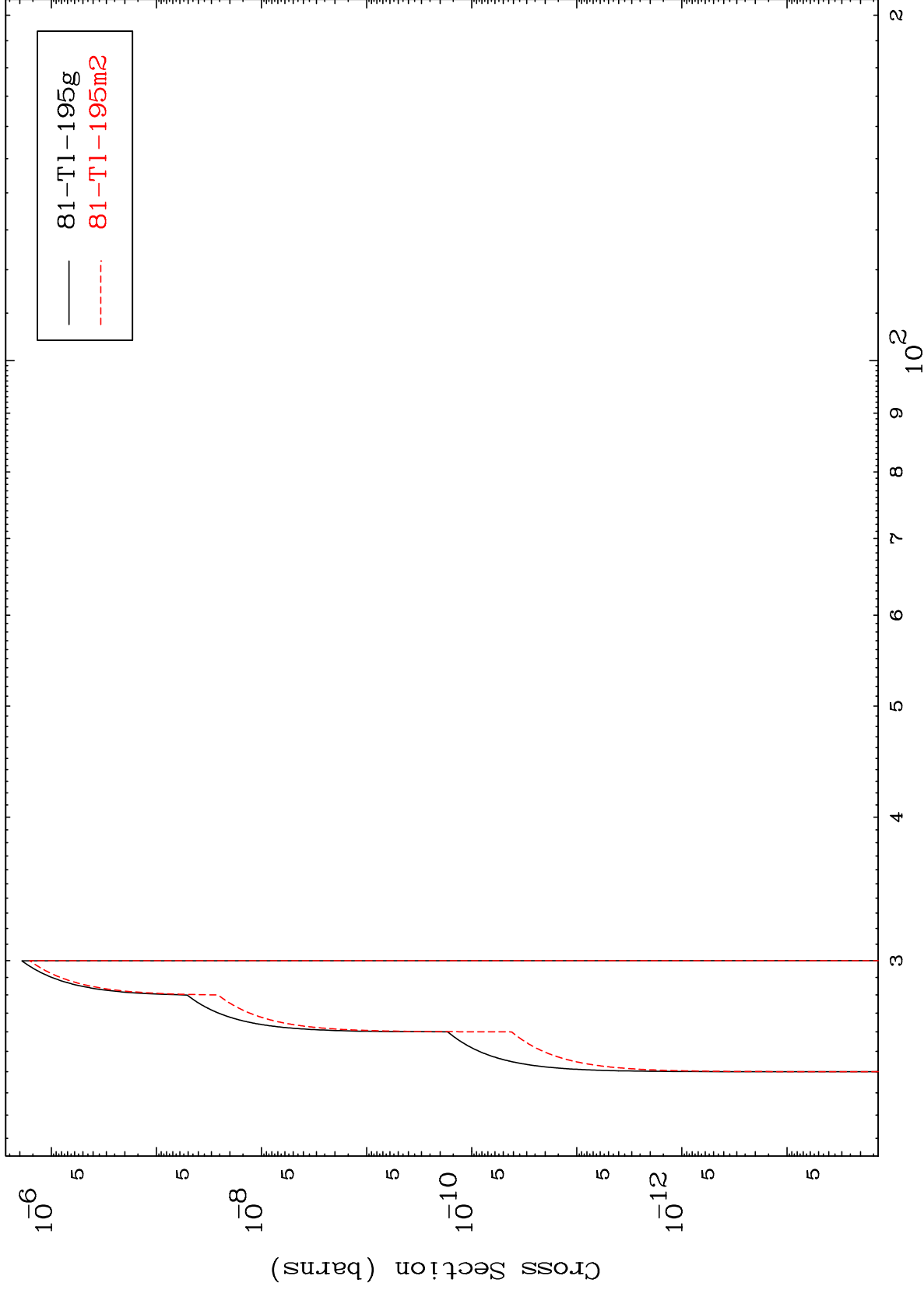
81-Tl-198

MAT 8111

(p,2n) d

81-Tl-198

Radionuclide Production Cross Section



12

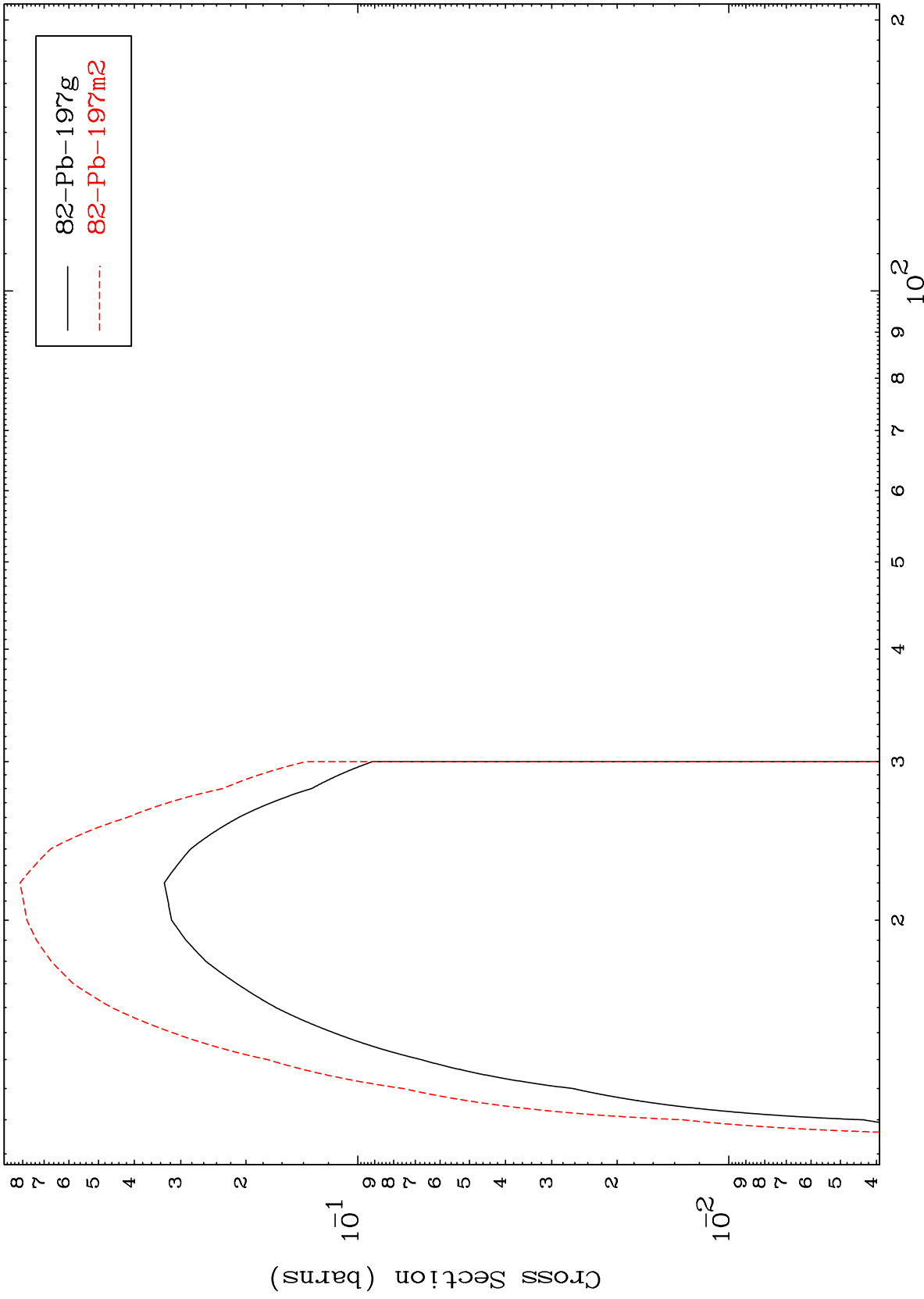
Incident Energy (MeV)

81-Tl-198

MAT 8111

81-T1-198

(p,2n)  
Radionuclide Production Cross Section



13

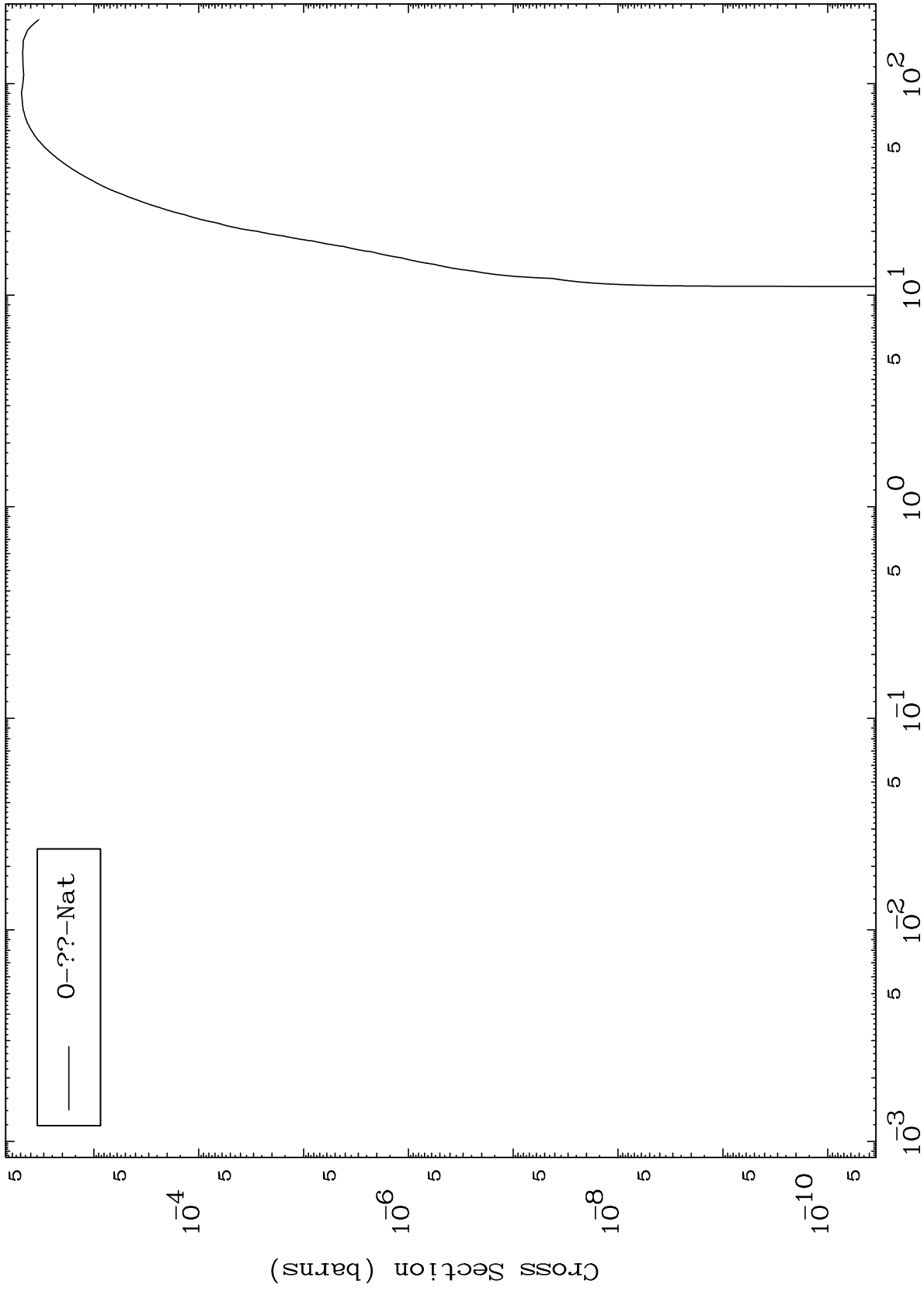
Incident Energy (MeV)

81-T1-198

MAT 8111

Proton Fission  
Radionuclide Production Cross Section

81-Tl-198



14

Incident Energy (MeV)

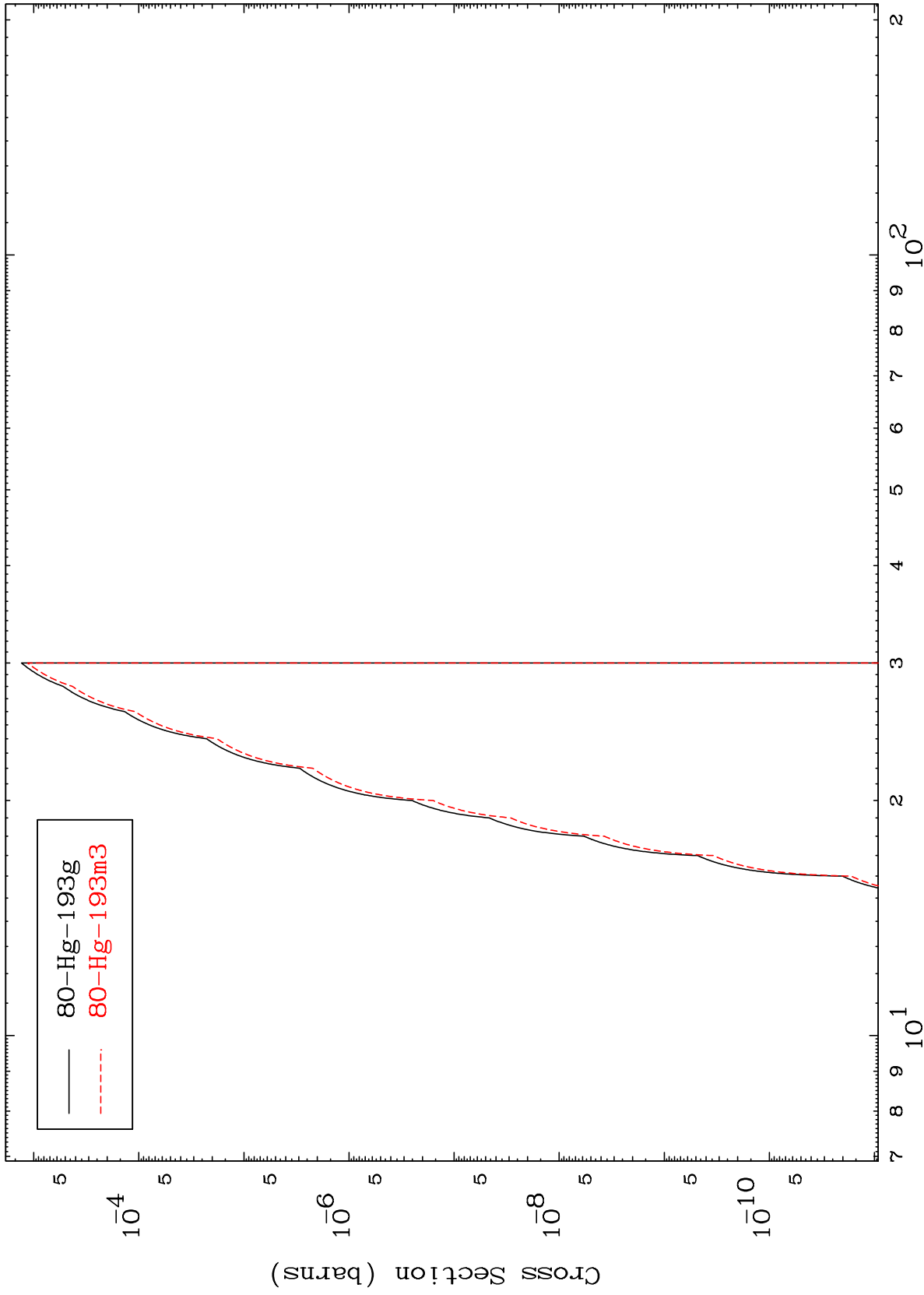
81-Tl-198

MAT 8111

(p,2n)  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

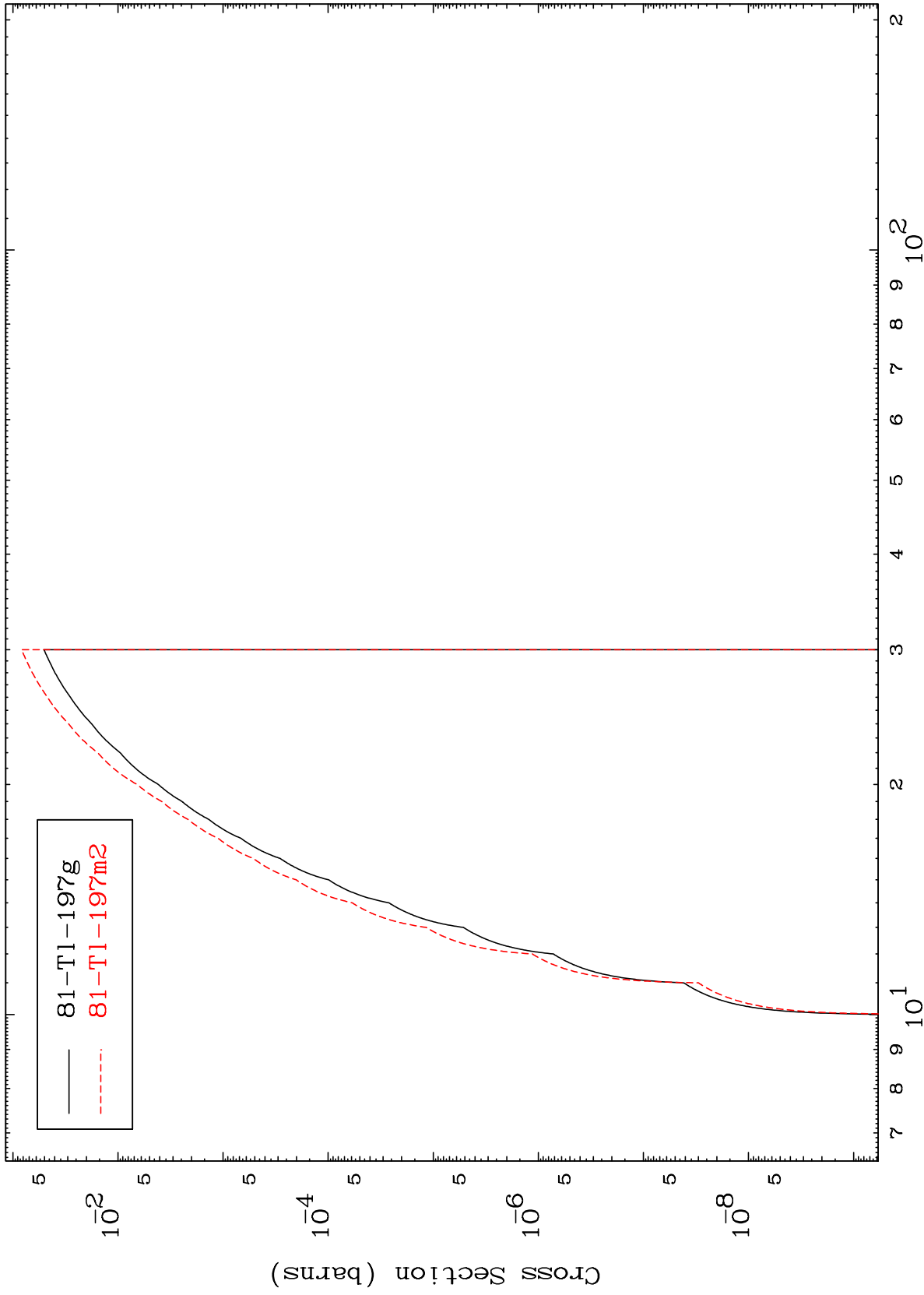
81-Tl-198



MAT 8111

81-Tl-198

Radionuclide Production Cross Section  
(p,n') p



16

Incident Energy (MeV)

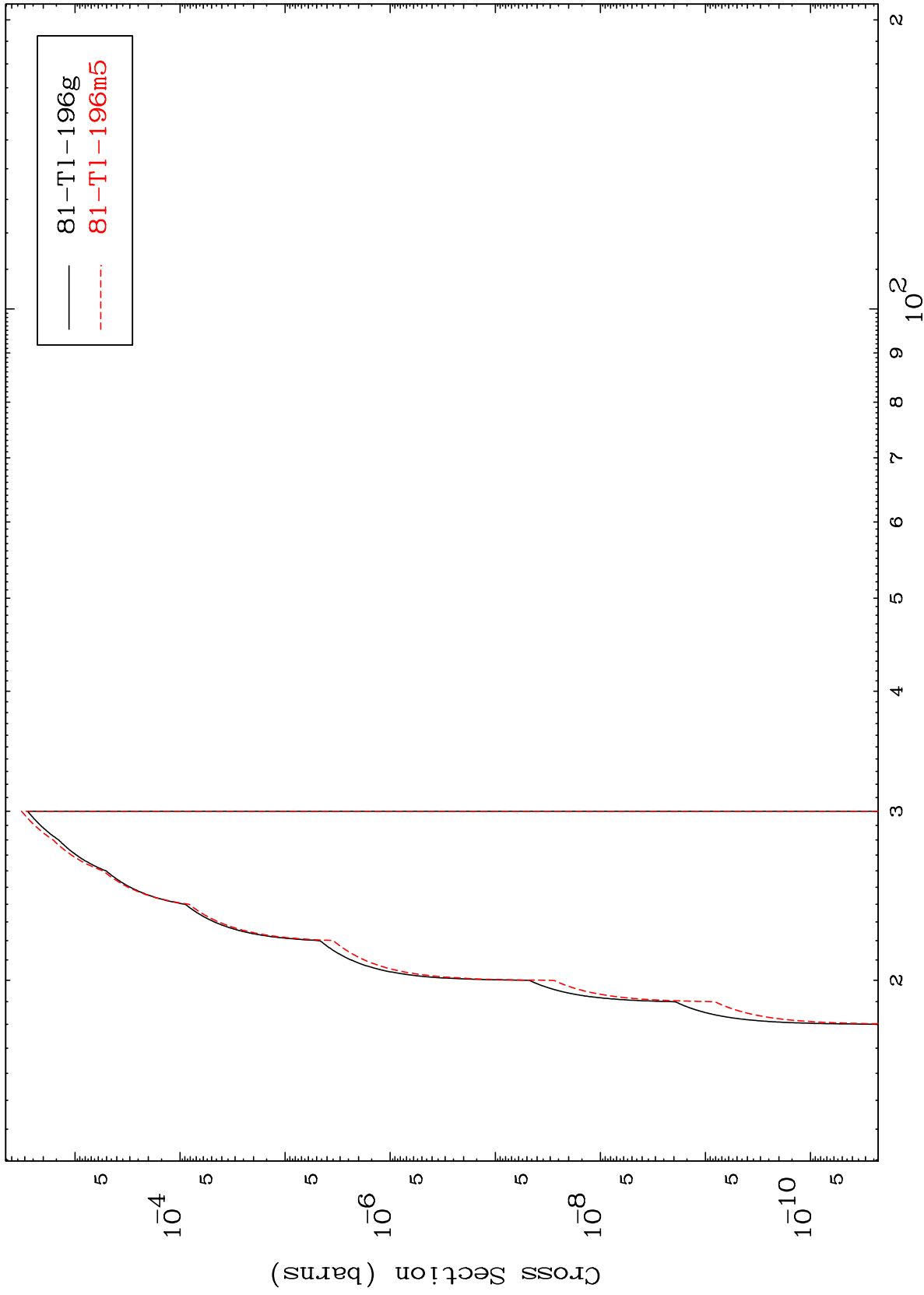
81-Tl-198

MAT 8111

(p,n) d

81-Tl-198

Radionuclide Production Cross Section



17

Incident Energy (MeV)

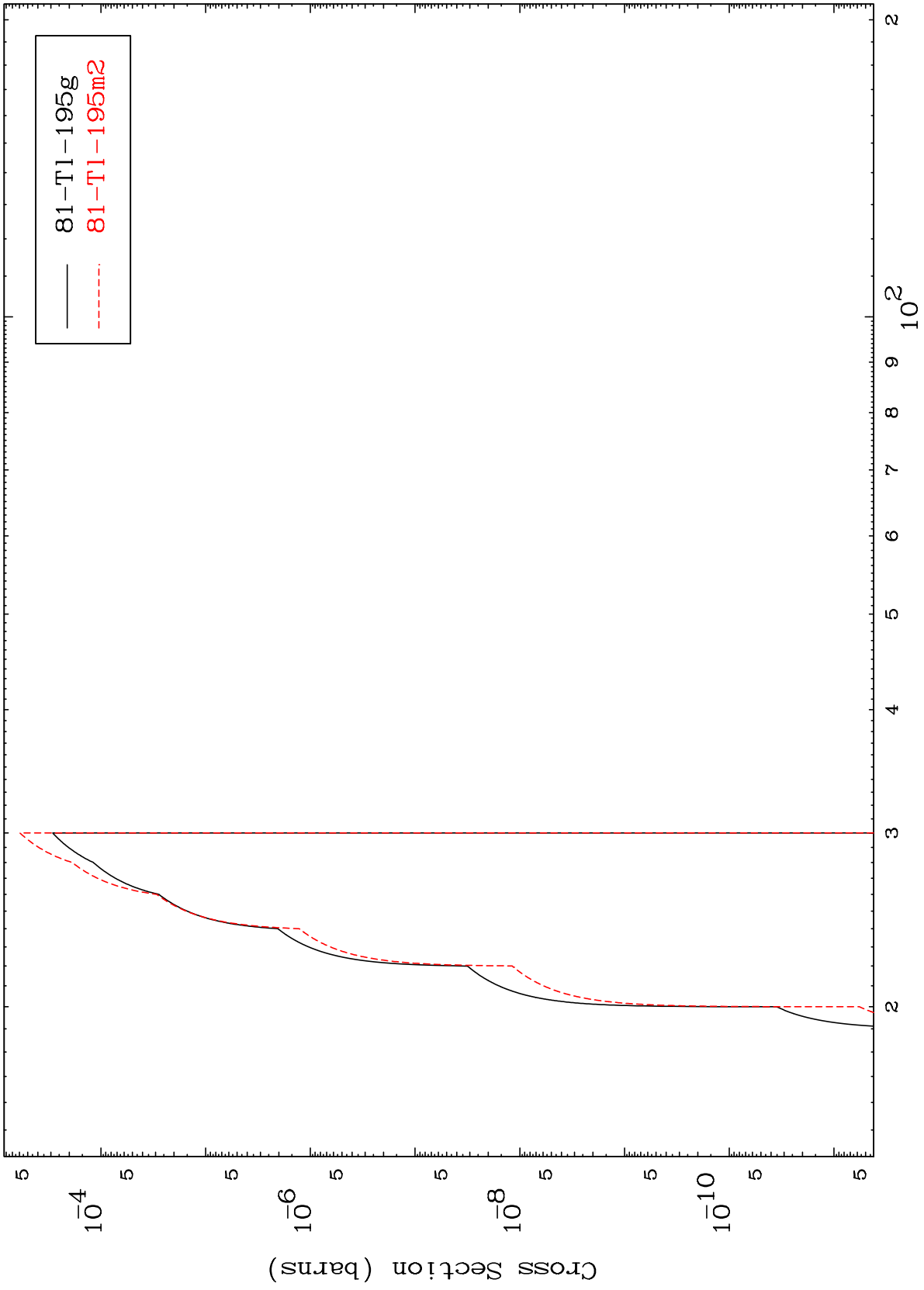
81-Tl-198

MAT 8111

(p,n') t

81-Tl-198

Radionuclide Production Cross Section



18

Incident Energy (MeV)

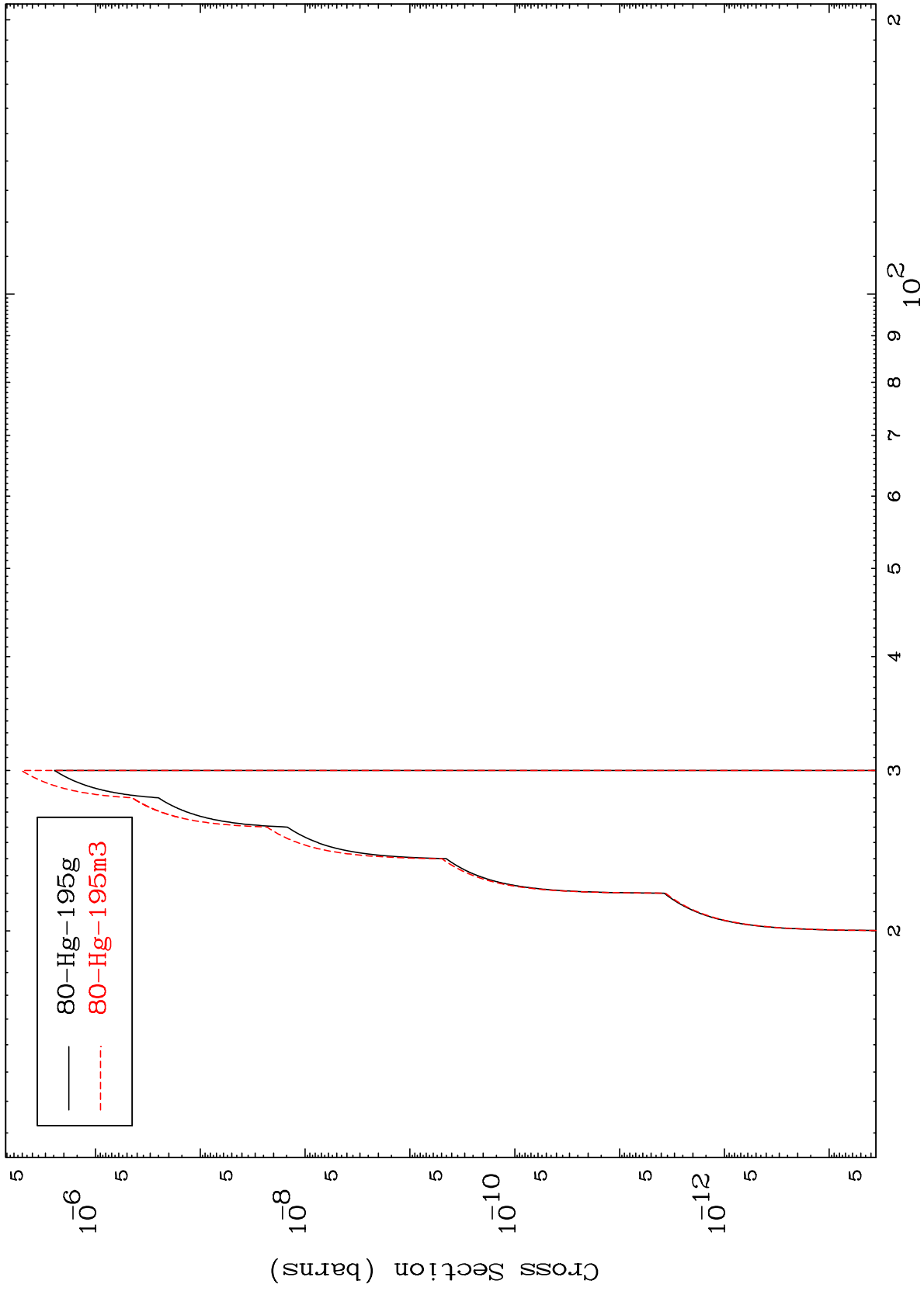
81-Tl-198

MAT 8111

(p,n') He-3

81-Tl-198

Radionuclide Production Cross Section



19

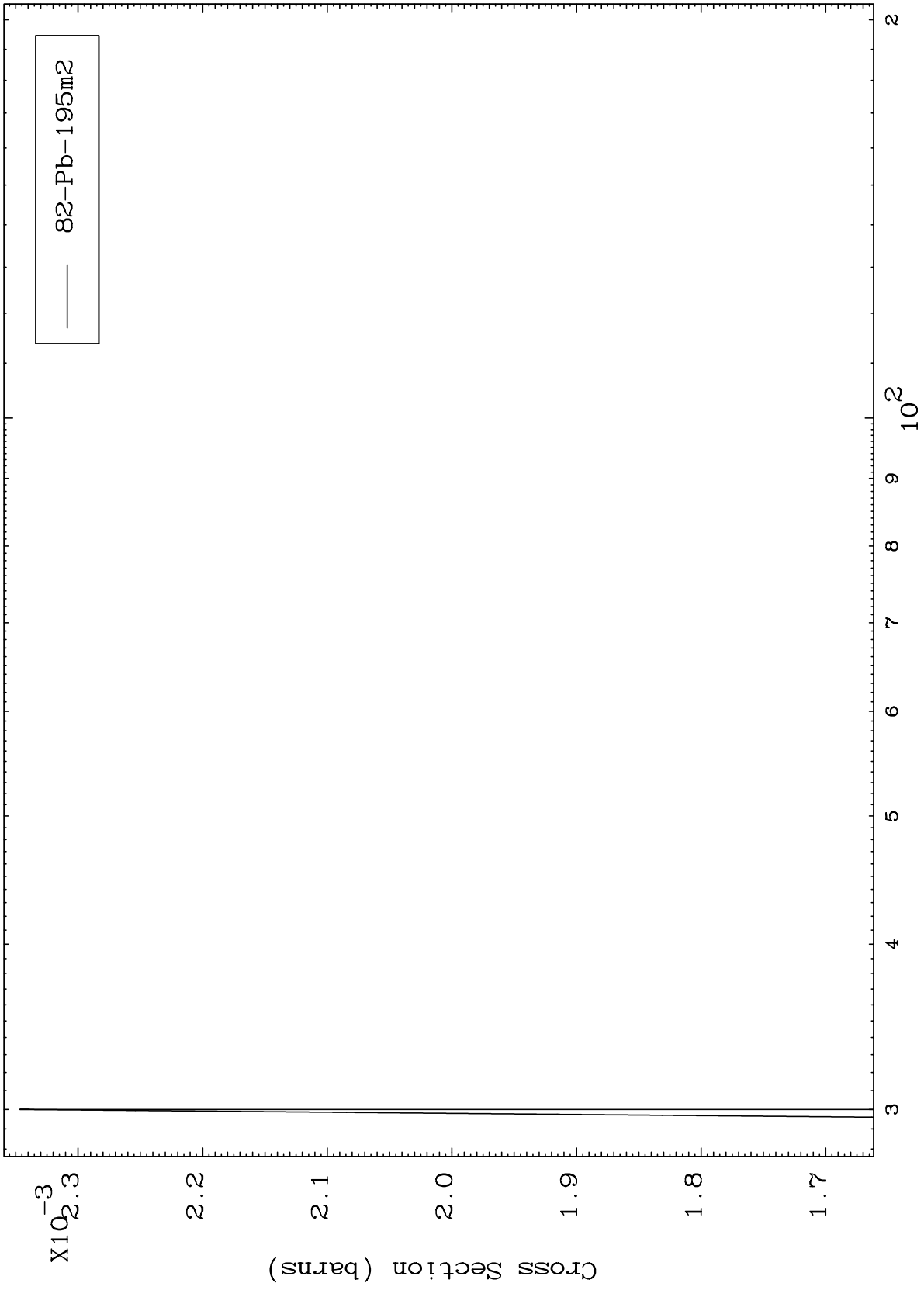
Incident Energy (MeV)

81-Tl-198

MAT 8111

81-T1-198

(p,4n)  
Radionuclide Production Cross Section



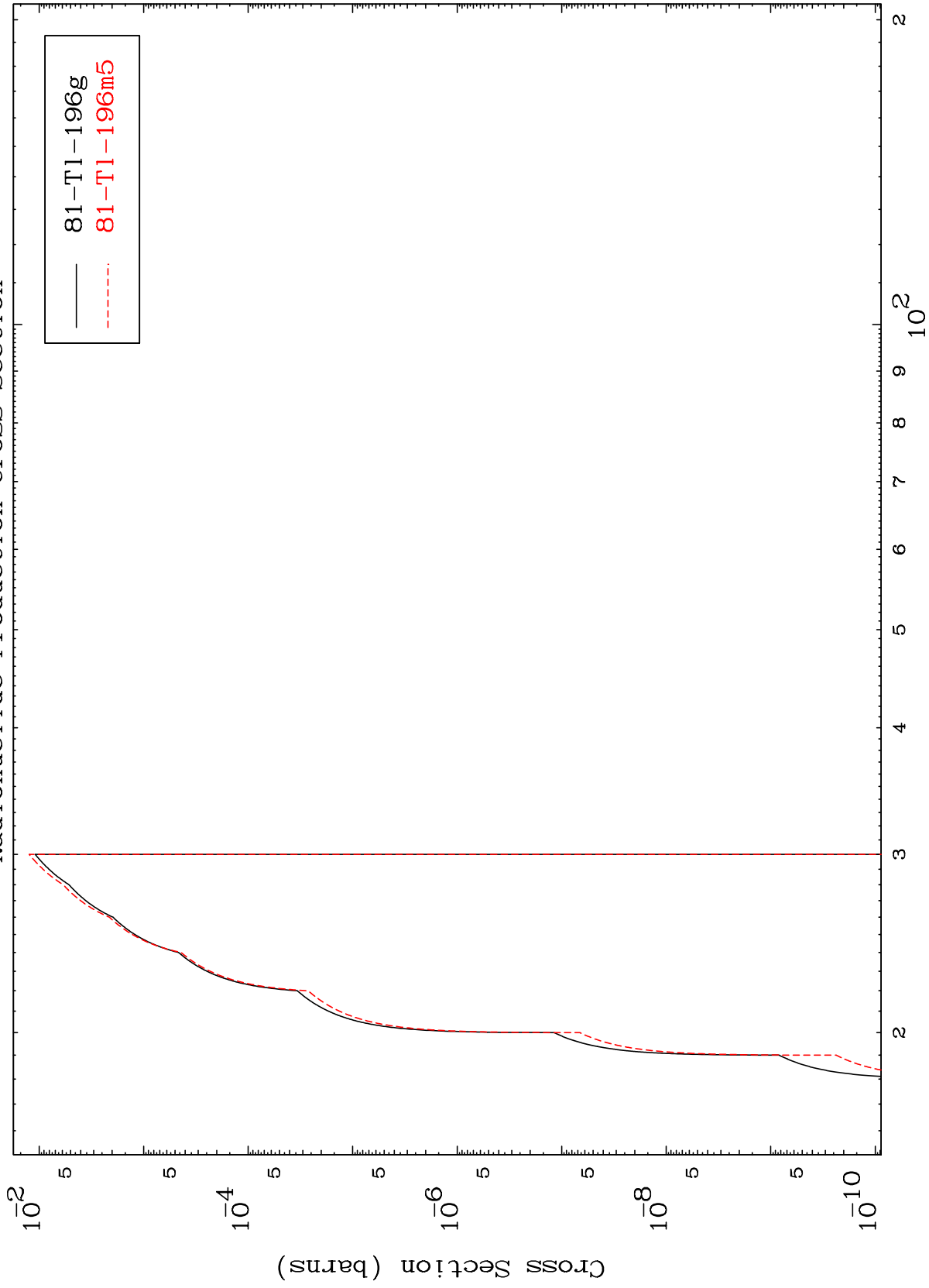
20

81-T1-198

MAT 8111

81-Tl-198

(p,2n) p  
Radionuclide Production Cross Section



21

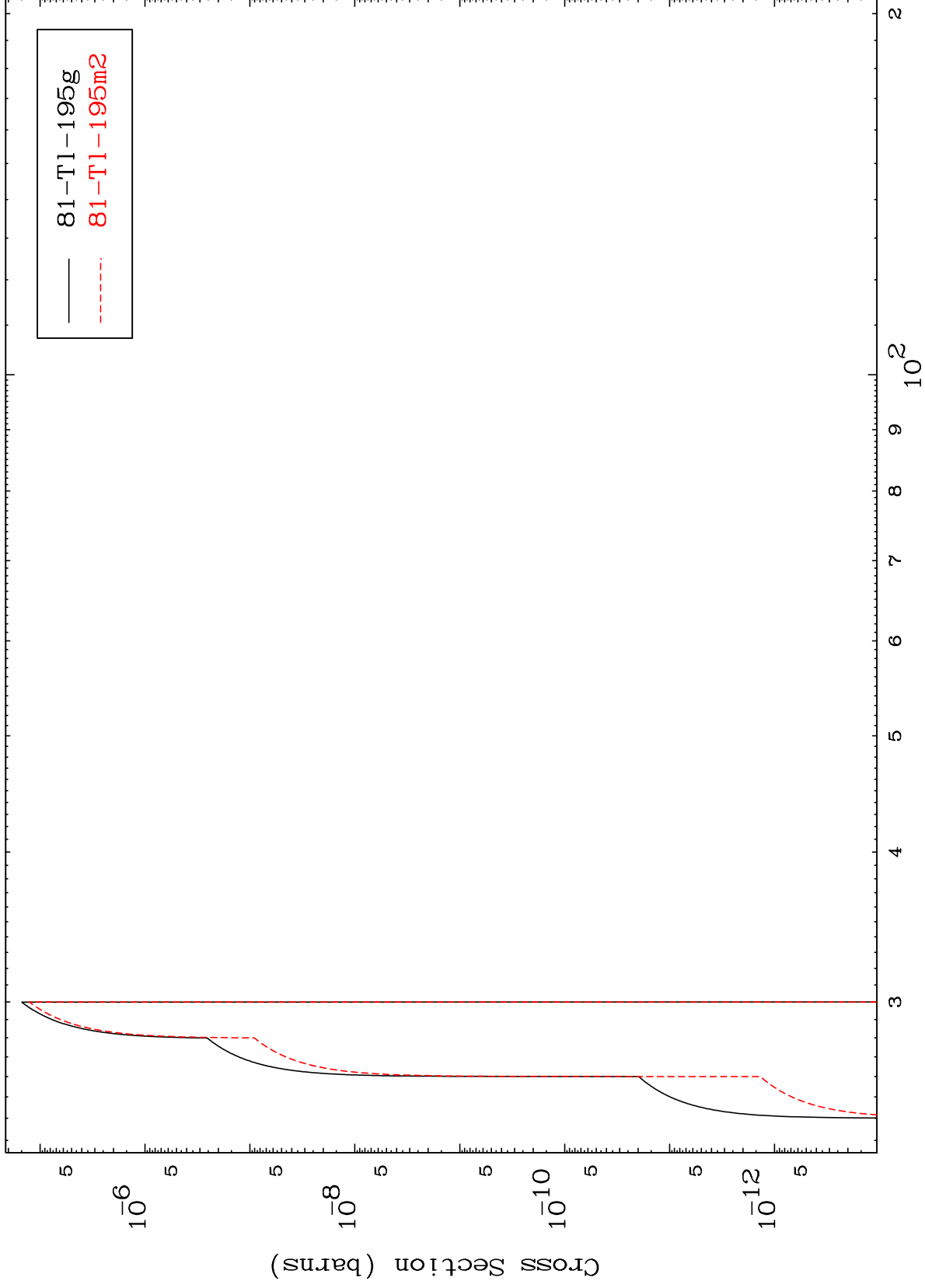
81-Tl-198

MAT 8111

(p,3n) p

81-Tl-198

Radionuclide Production Cross Section



22

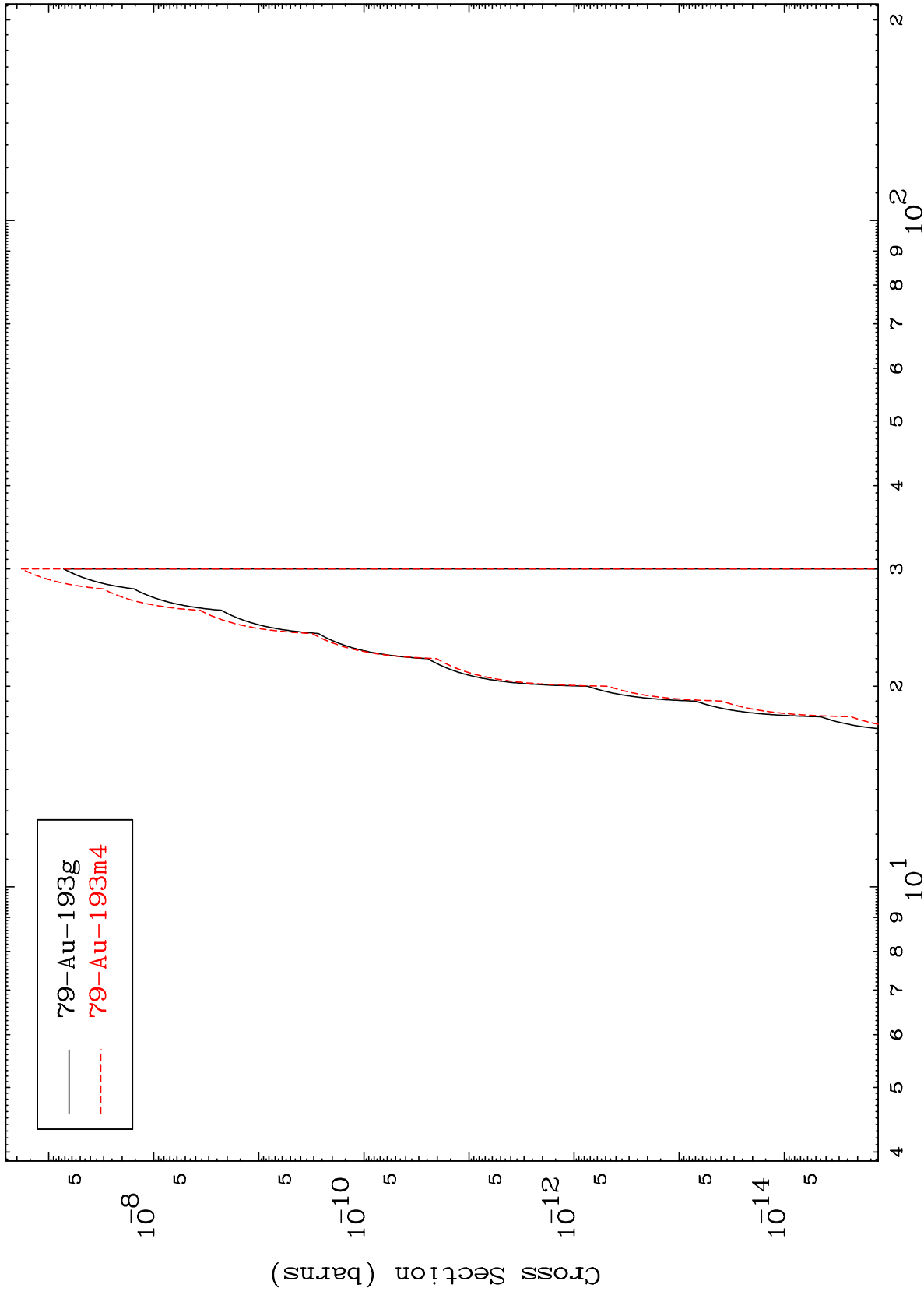
Incident Energy (MeV)

81-Tl-198

MAT 8111

81-T1-198

(p,n') p  $\alpha$   
Radionuclide Production Cross Section



23

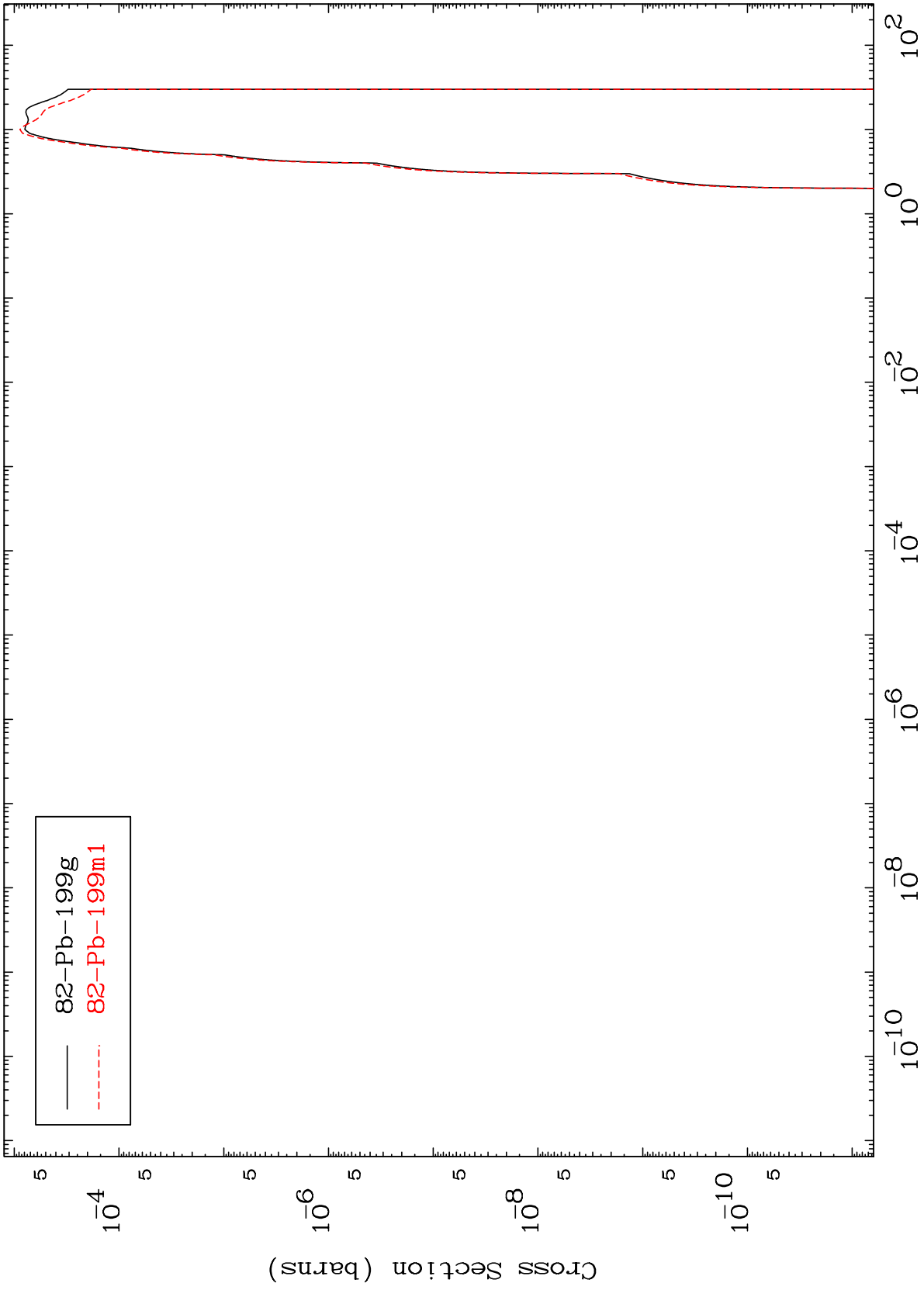
81-T1-198



MAT 8111

(p,γ)  
Radionuclide Production Cross Section

81-Tl-198



24

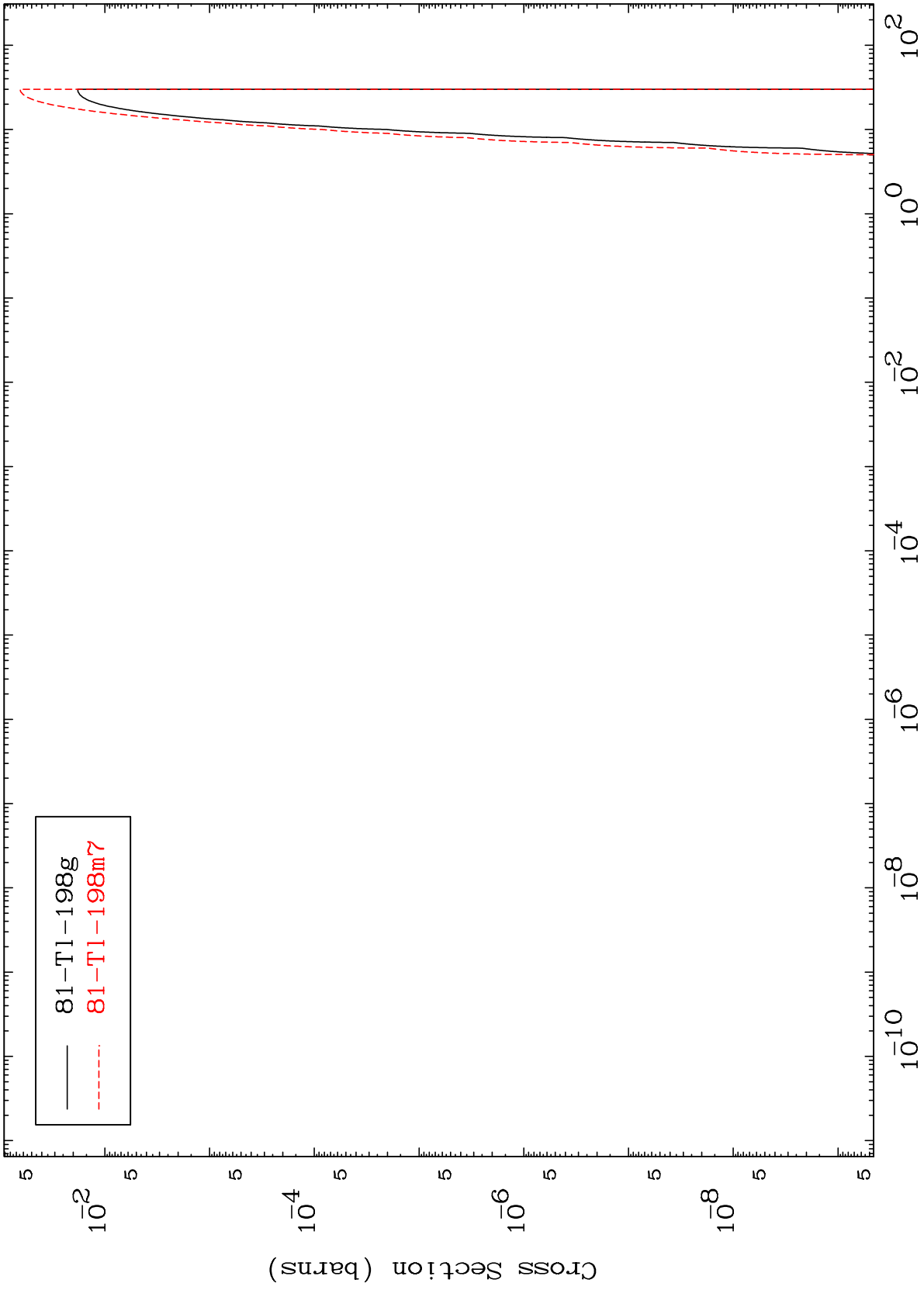
Incident Energy (MeV)

81-Tl-198

MAT 8111

Radionuclide Production Cross Section  
(p,p)

81-Tl-198

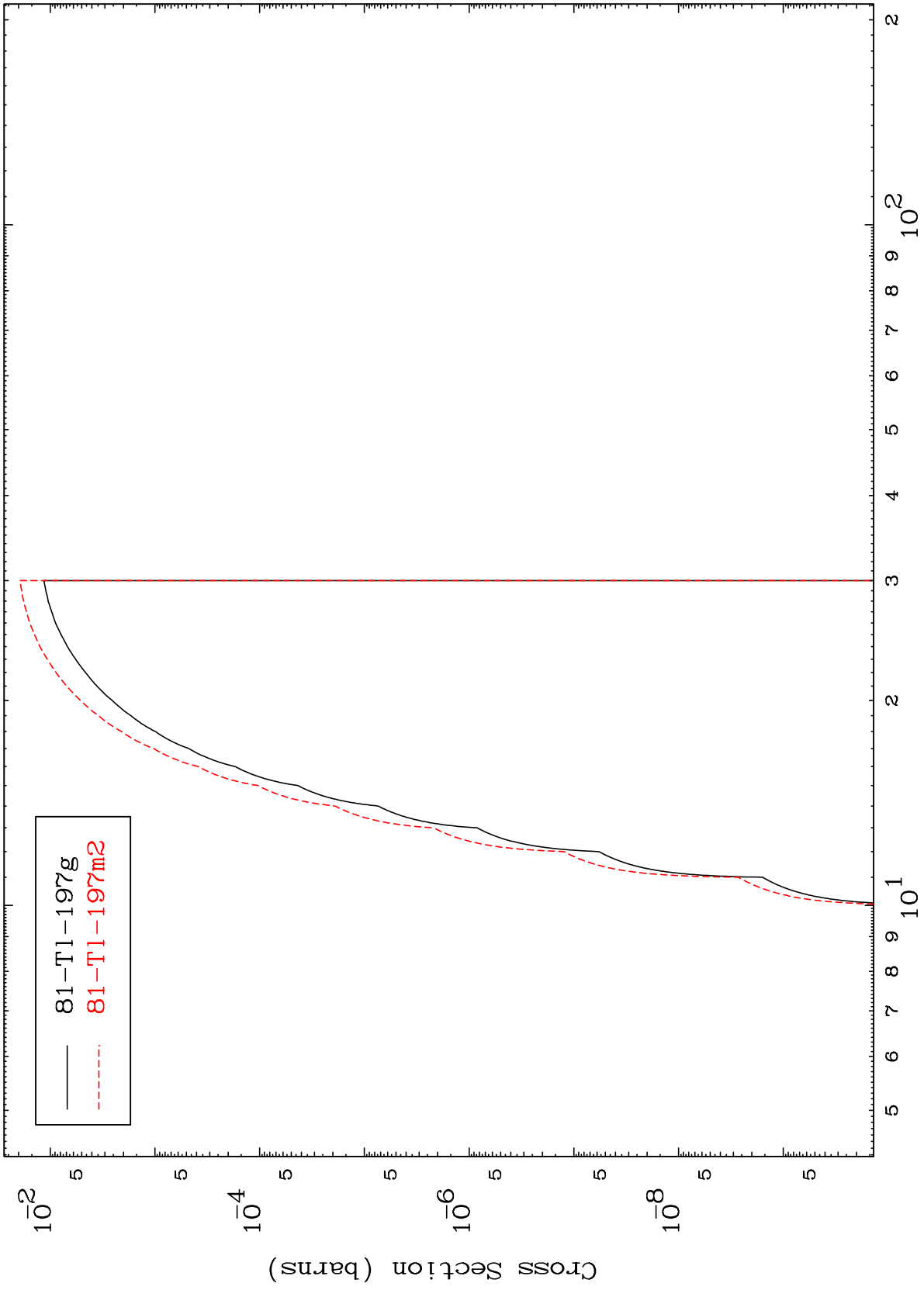


81-Tl-198

MAT 8111

81-Tl-198

(p,d)  
Radionuclide Production Cross Section



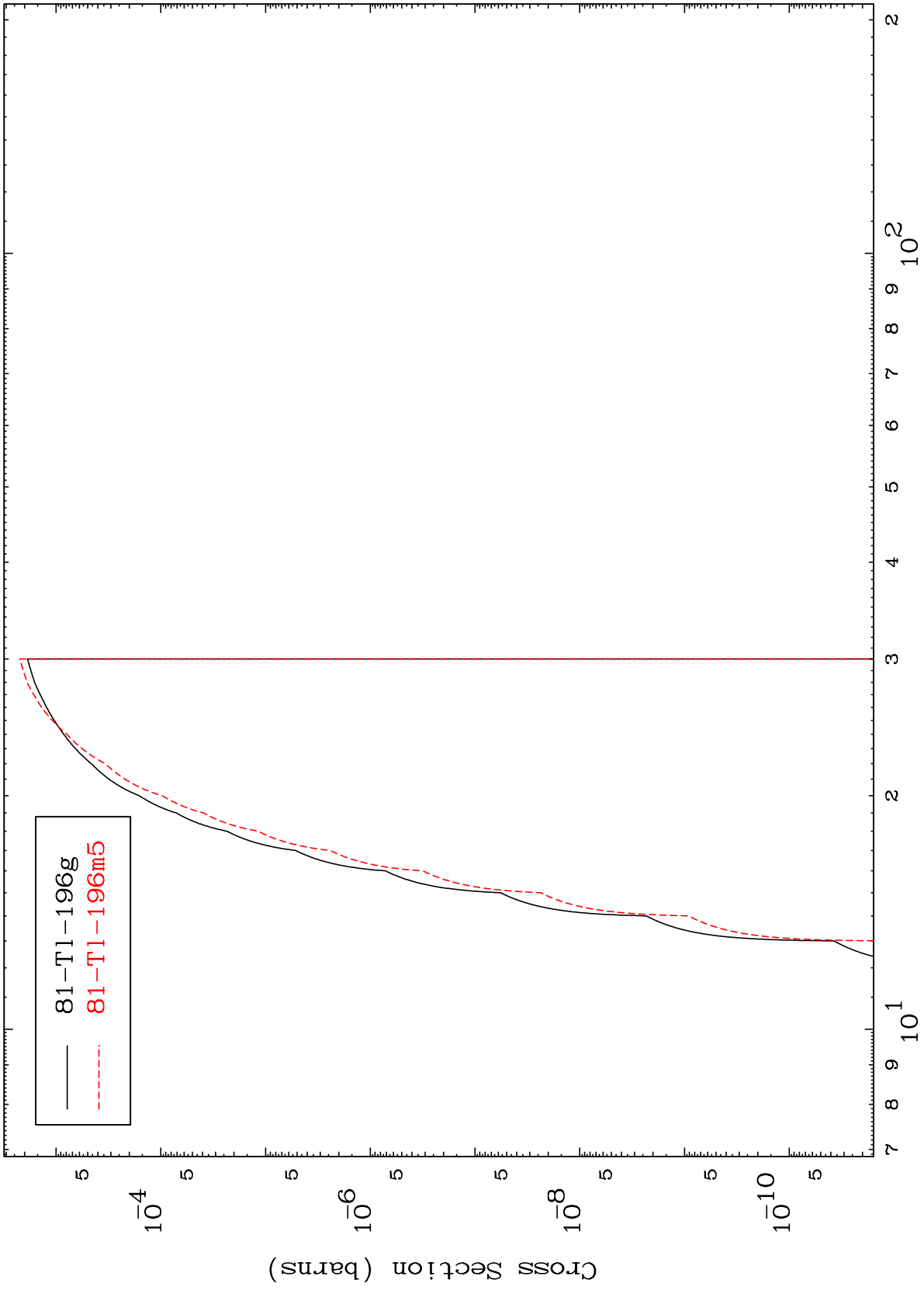
26

81-Tl-198

MAT 8111

81-Tl-198

(p, t)  
Radionuclide Production Cross Section



27

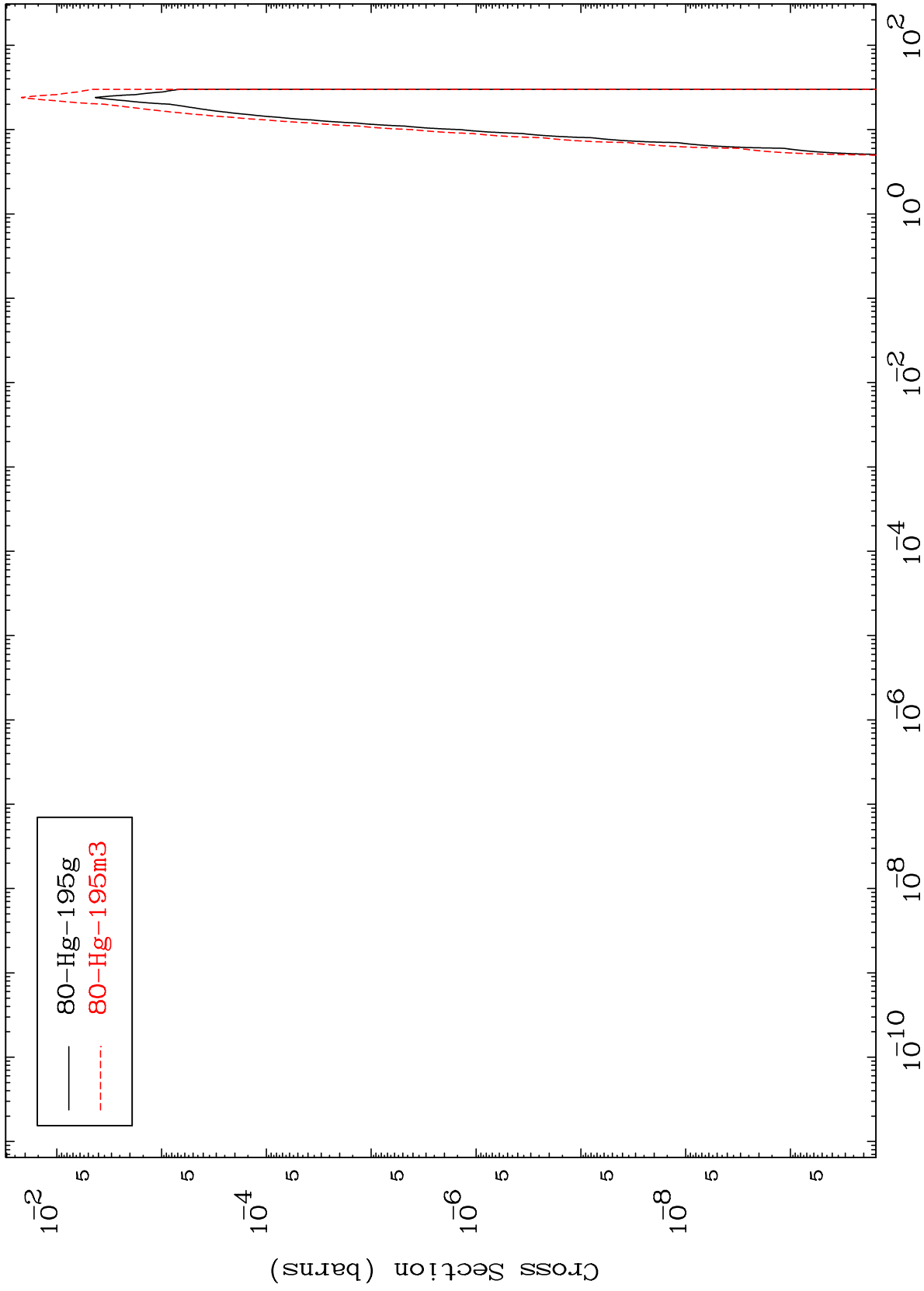
81-Tl-198

MAT 8111

(p,α)

81-Tl-198

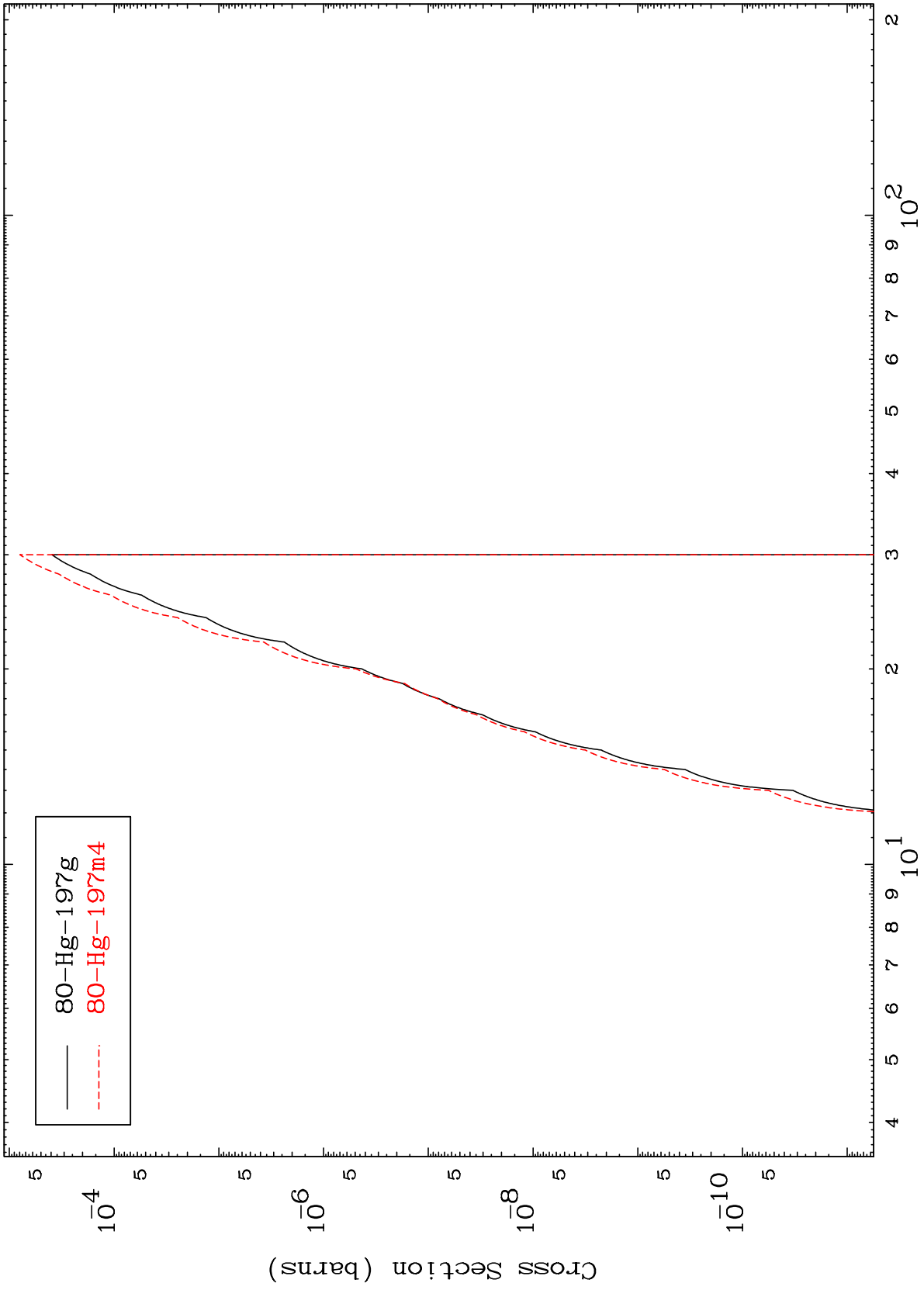
Radionuclide Production Cross Section



MAT 8111

81-T1-198

Radionuclide Production Cross Section  
(p,2p)



29

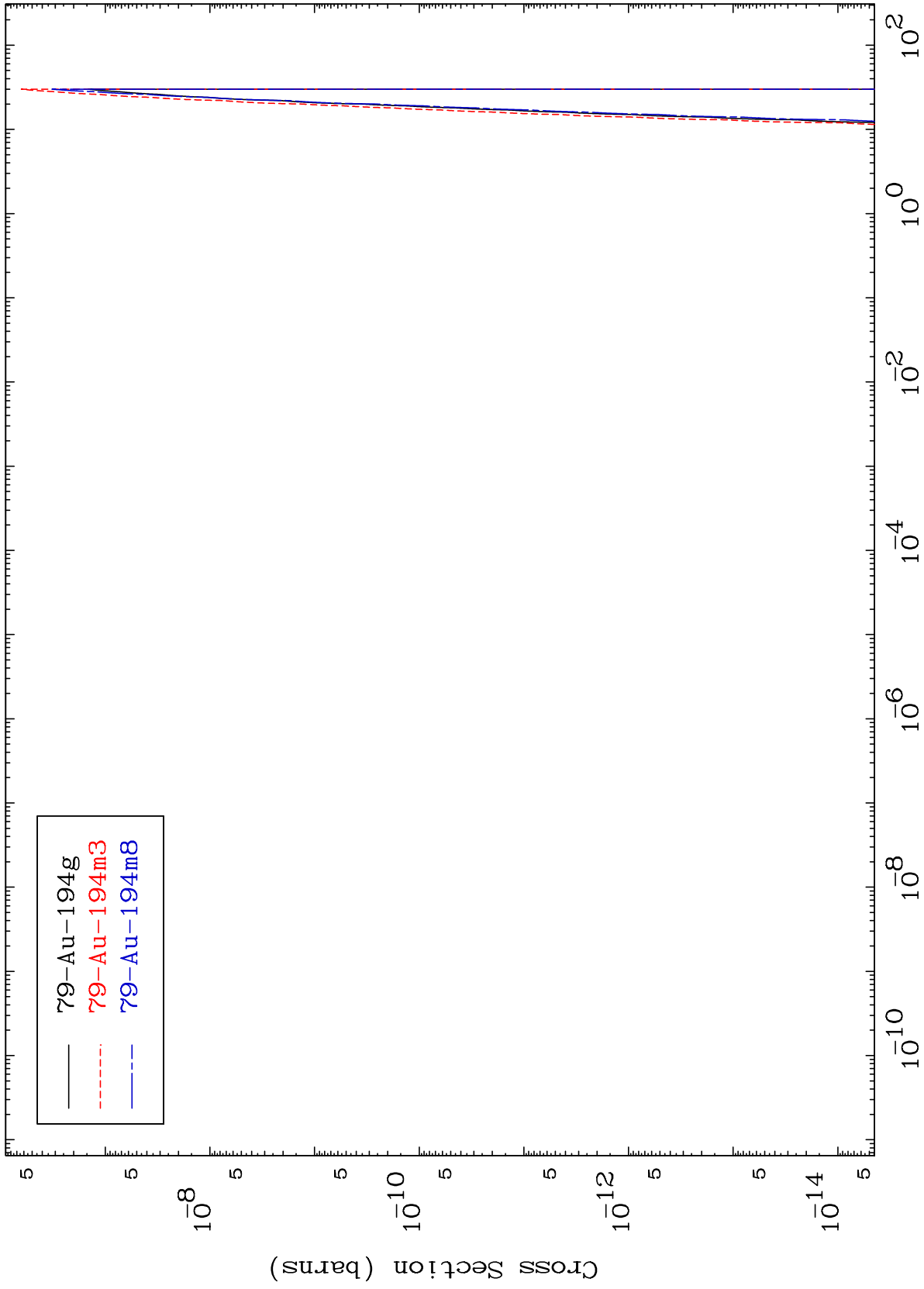
81-T1-198

MAT 8111

(p,p)  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



30

Incident Energy (MeV)

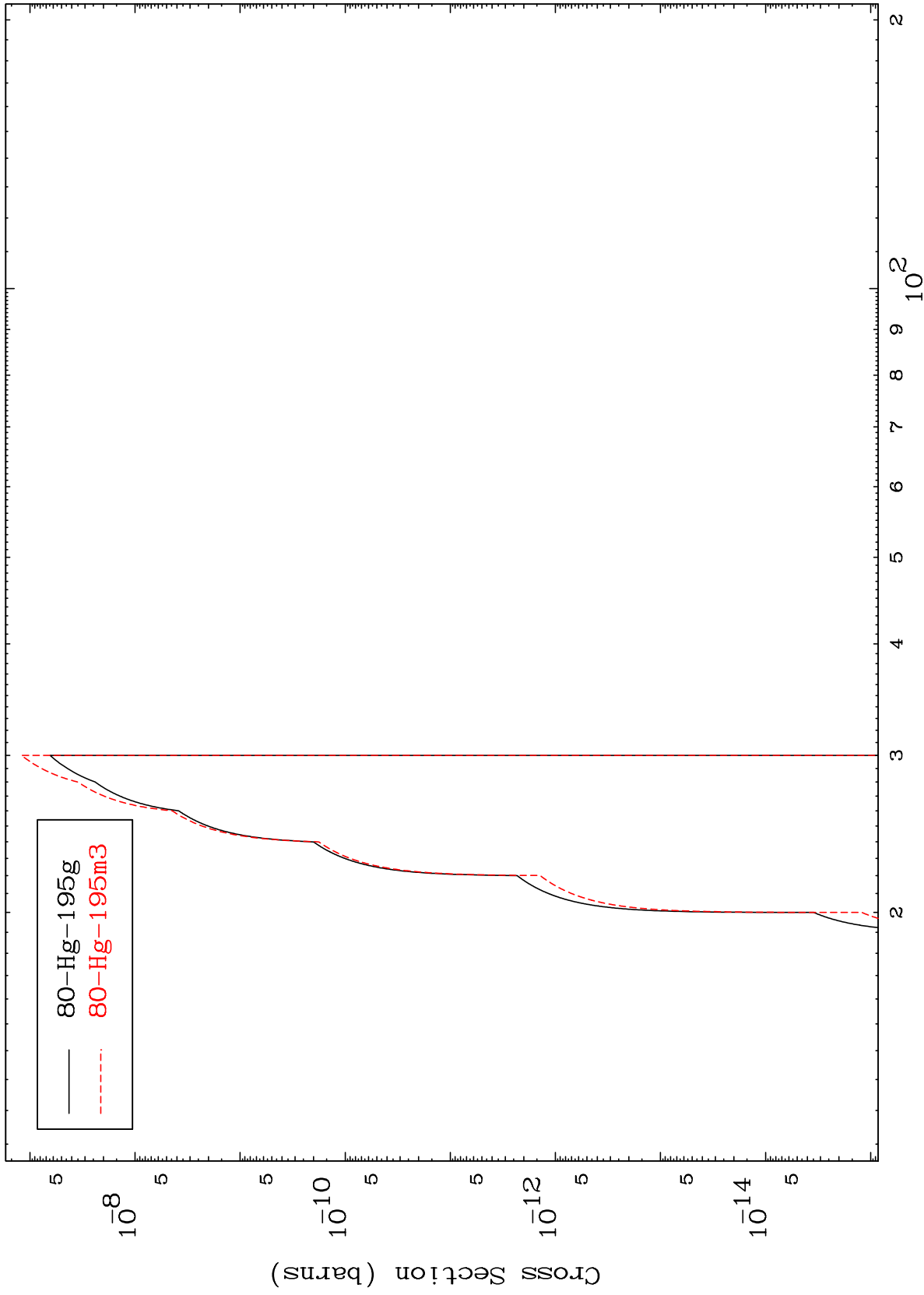
81-Tl-198

MAT 8111

(p,p) t

81-Tl-198

Radionuclide Production Cross Section



31

81-Tl-198

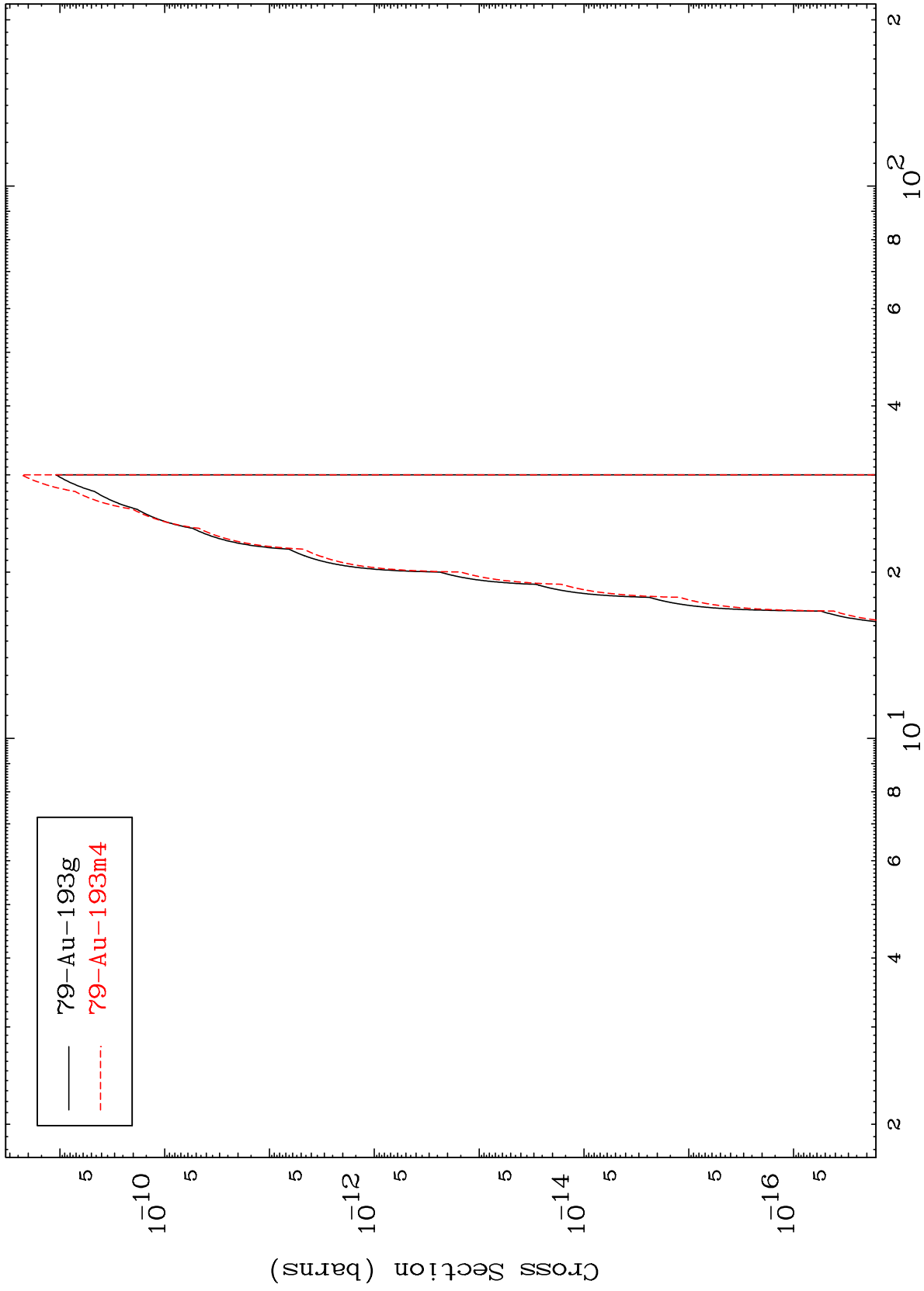


MAT 8111

(p,d)  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



32

Incident Energy (MeV)

81-Tl-198