

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

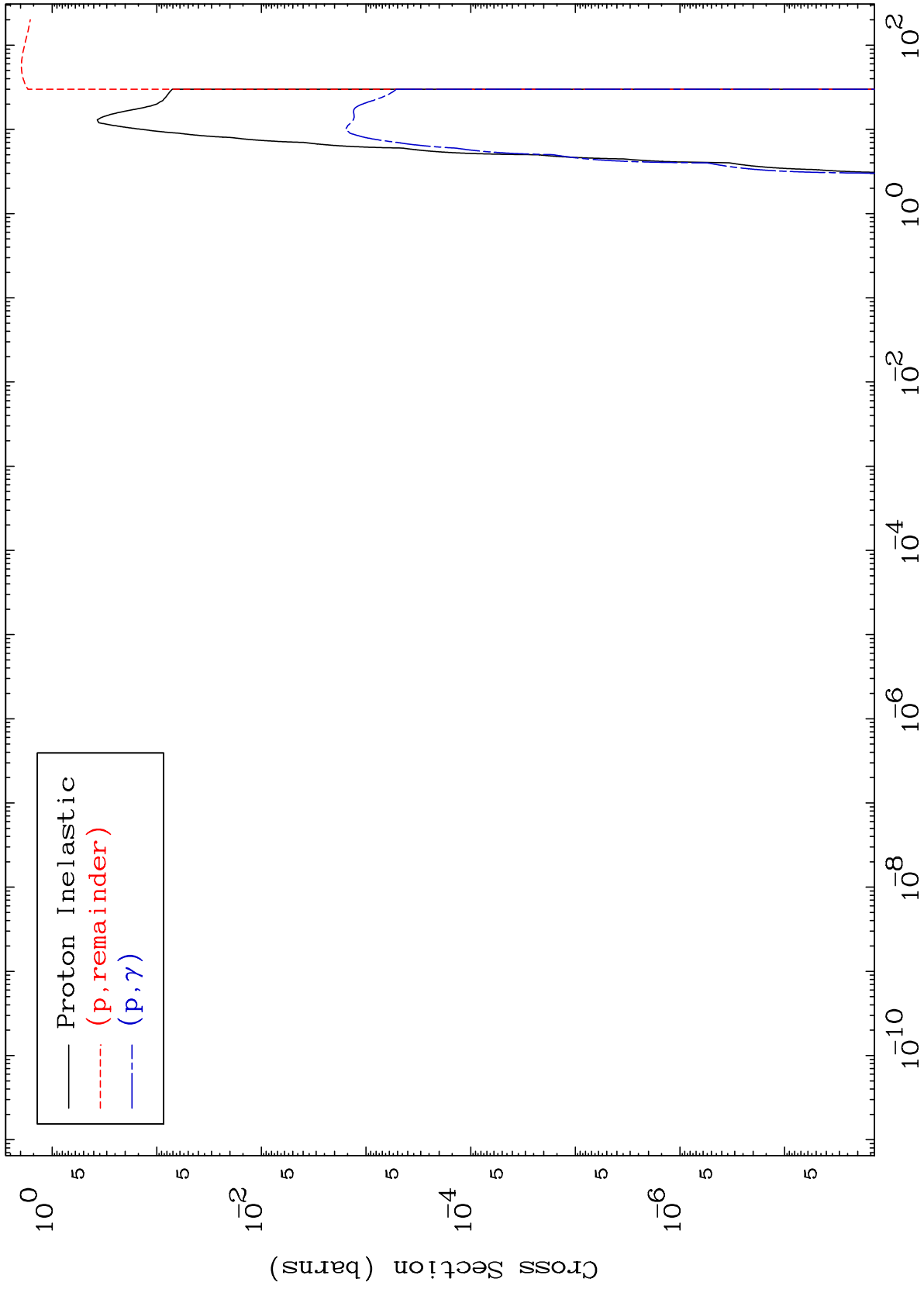
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8110

Proton Major  
0 Kelvin Cross Sections

81-T1-198



1

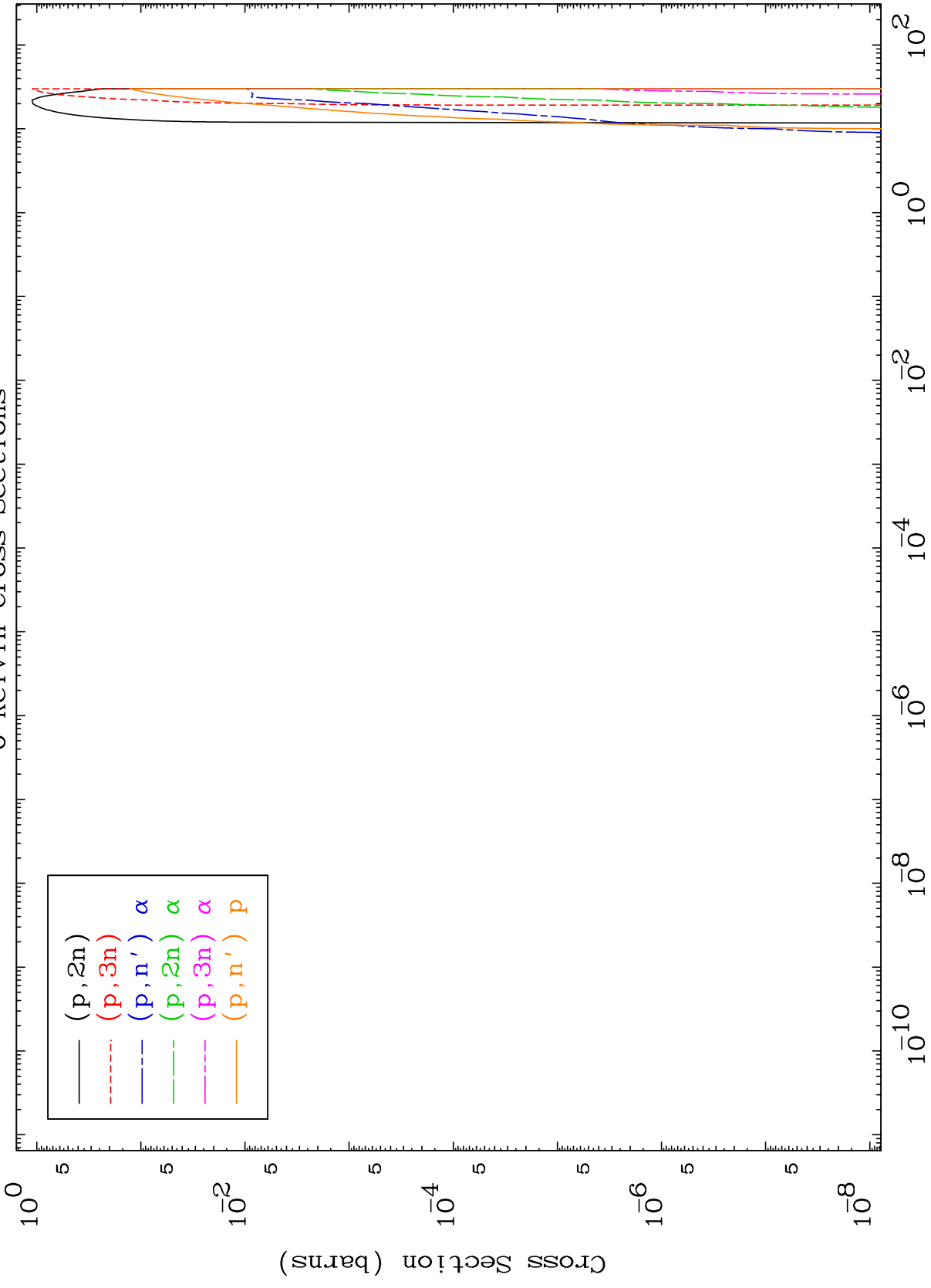
Incident Energy (MeV)

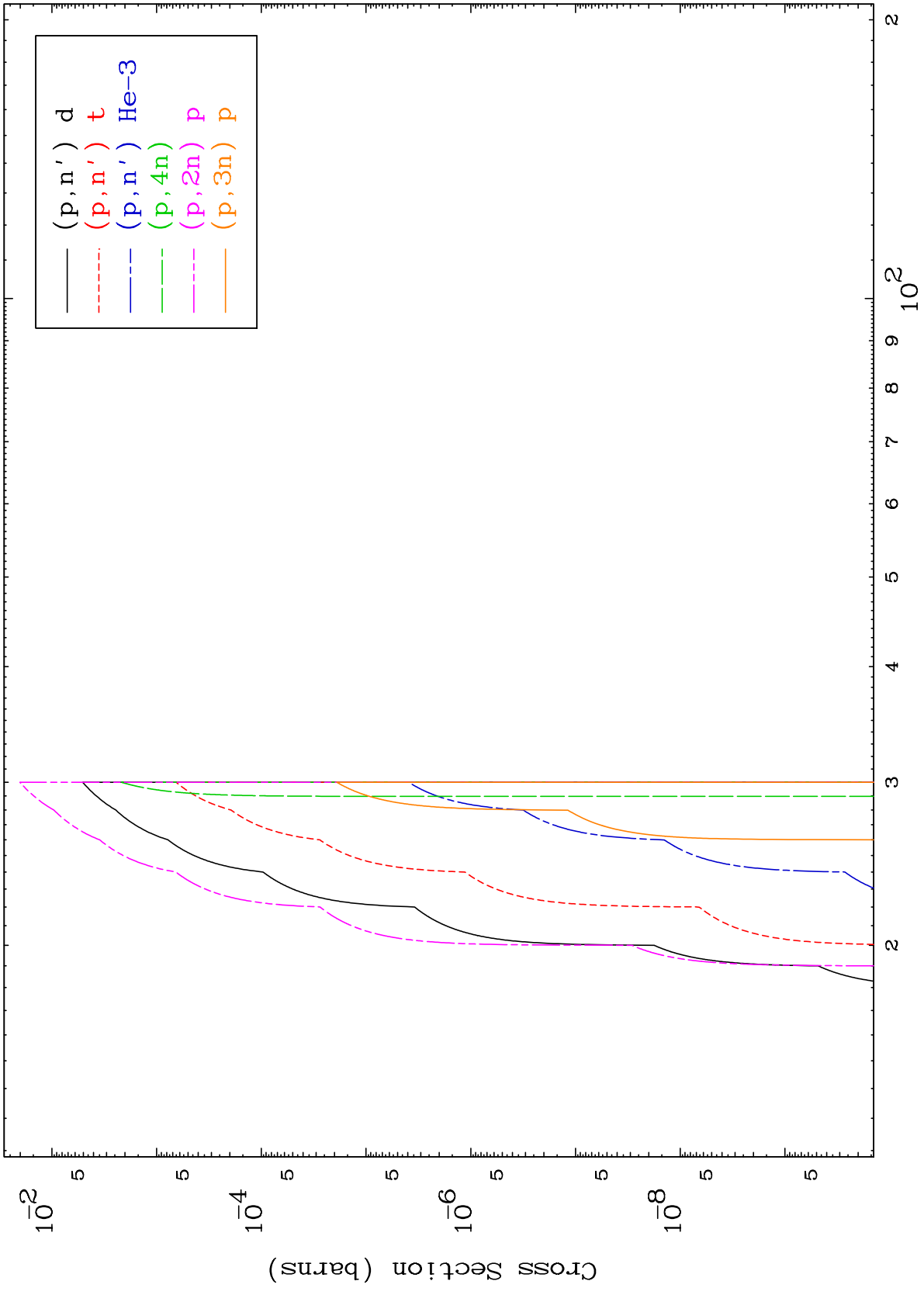
81-T1-198

MAT 8110

Proton Neutron Production  
0 Kelvin Cross Sections

81-T1-198

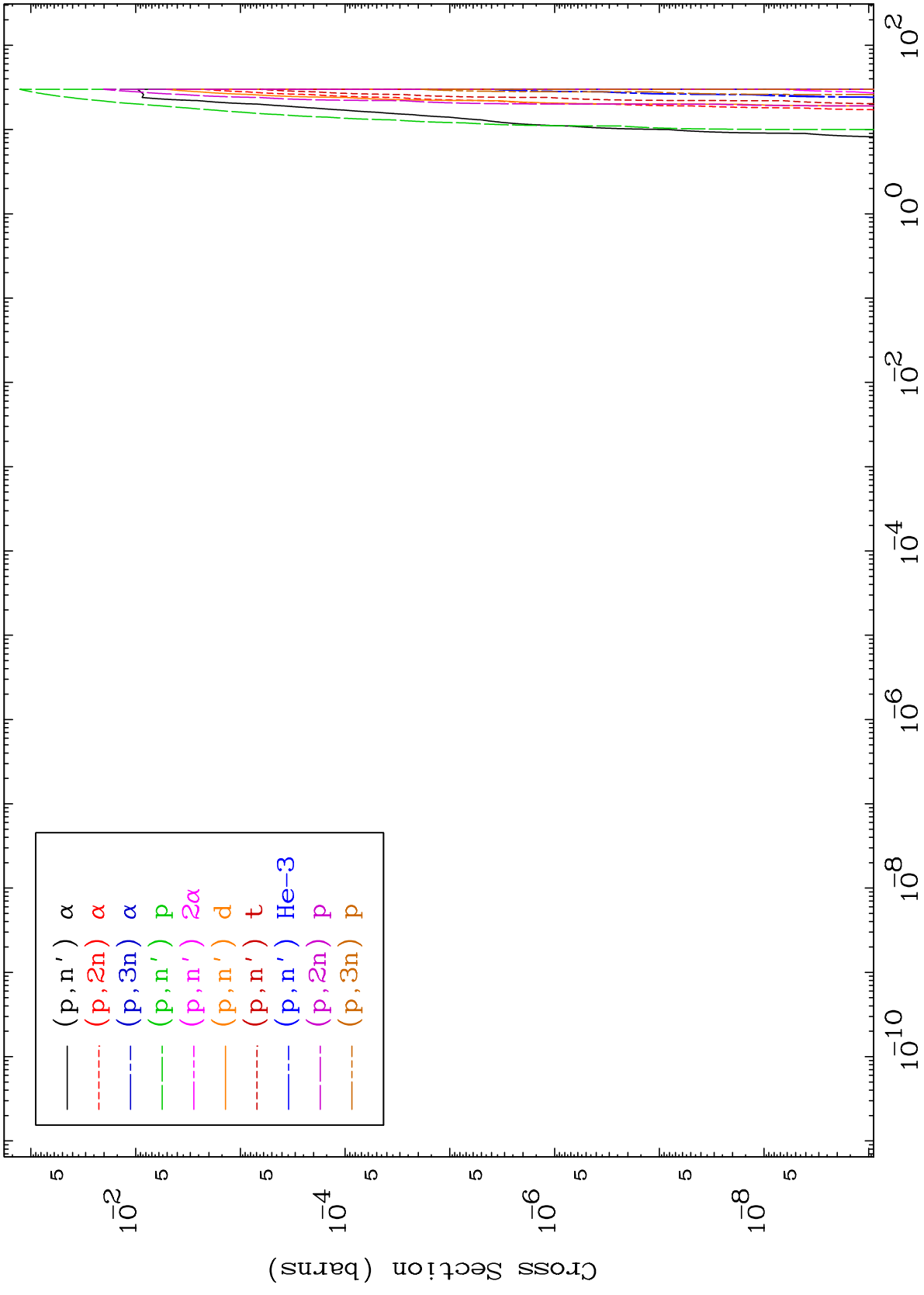




MAT 8110

Proton Charged Particle  
0 Kelvin Cross Sections

81-T1-198

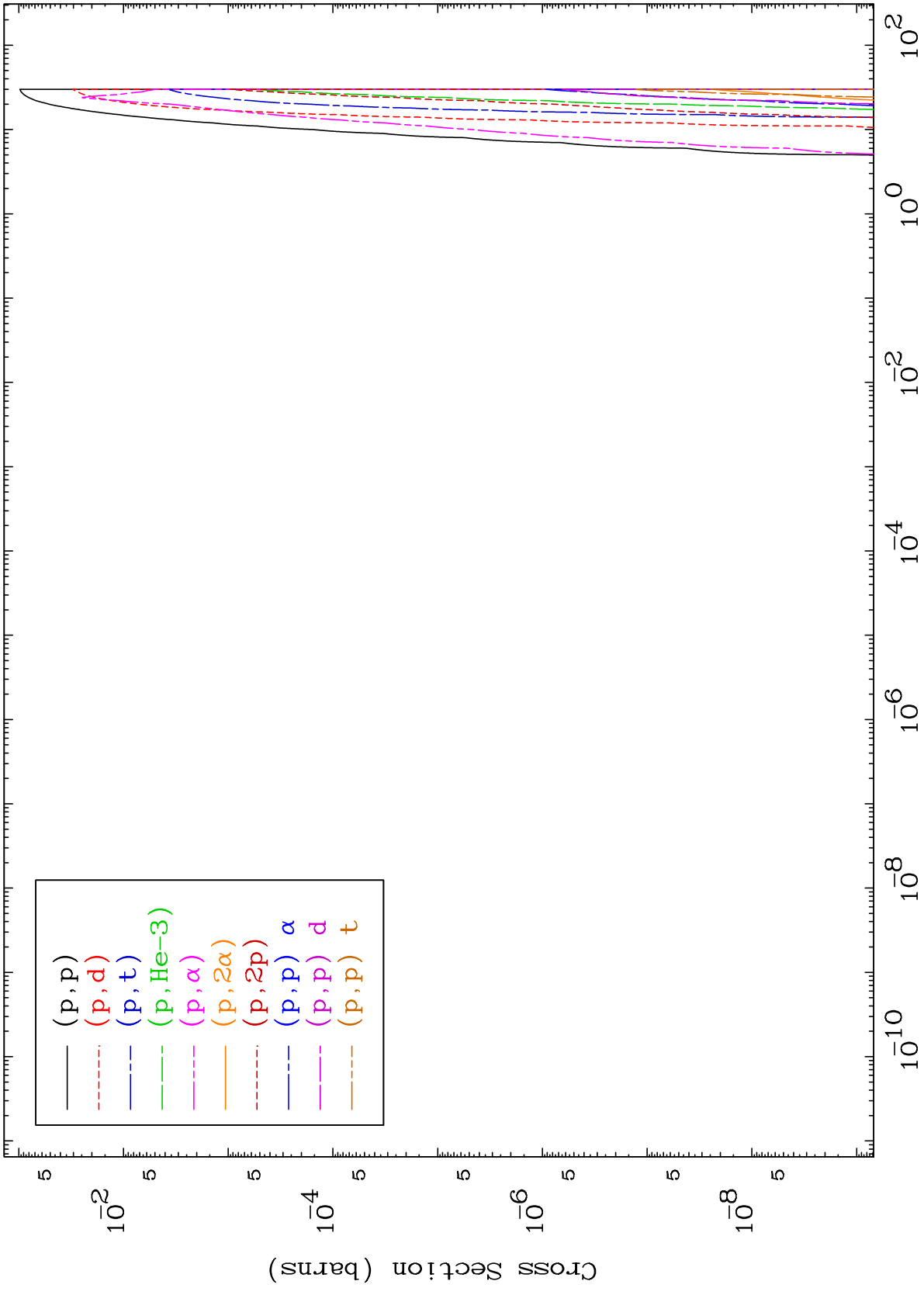


81-T1-198

MAT 8110

Proton Charged Particle  
0 Kelvin Cross Sections

81-T1-198



5

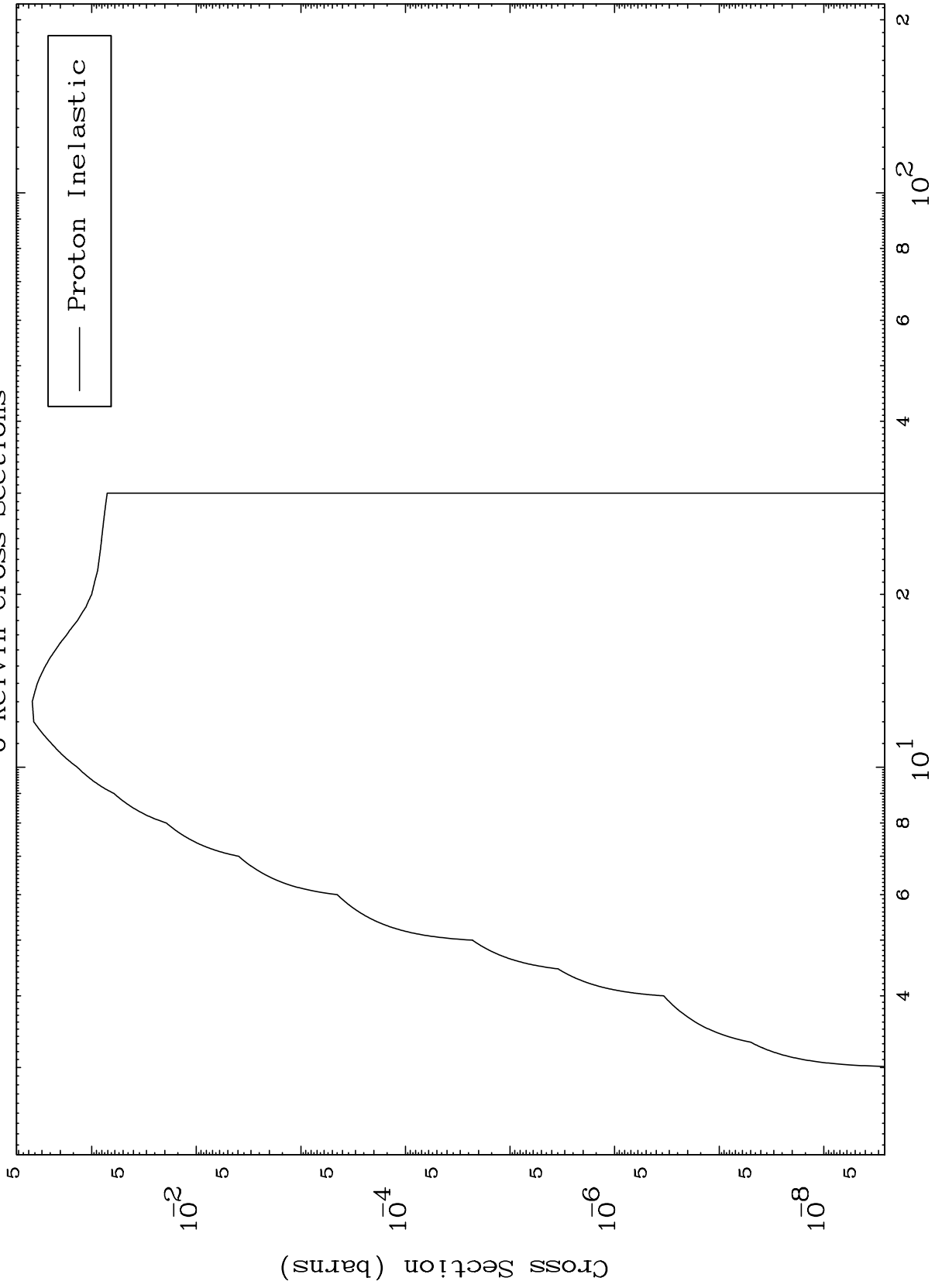
Incident Energy (MeV)

81-T1-198

MAT 8110

81-T1-198

(p,n') Level  
0 Kelvin Cross Sections



81-T1-198

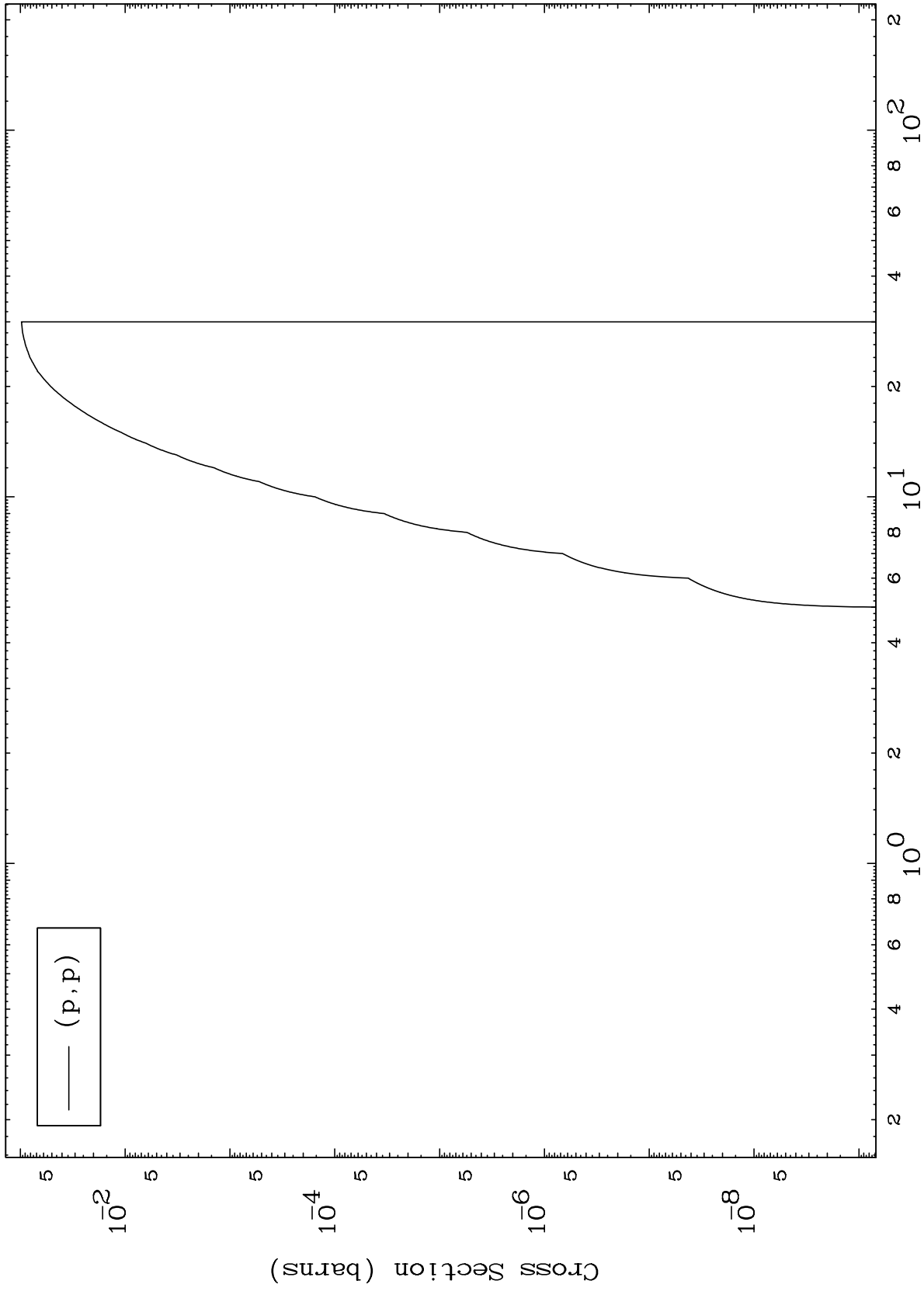
Incident Energy (MeV)

6

MAT 8110

(p,p) Levels  
0 Kelvin Cross Sections

81-T1-198



7

Incident Energy (MeV)

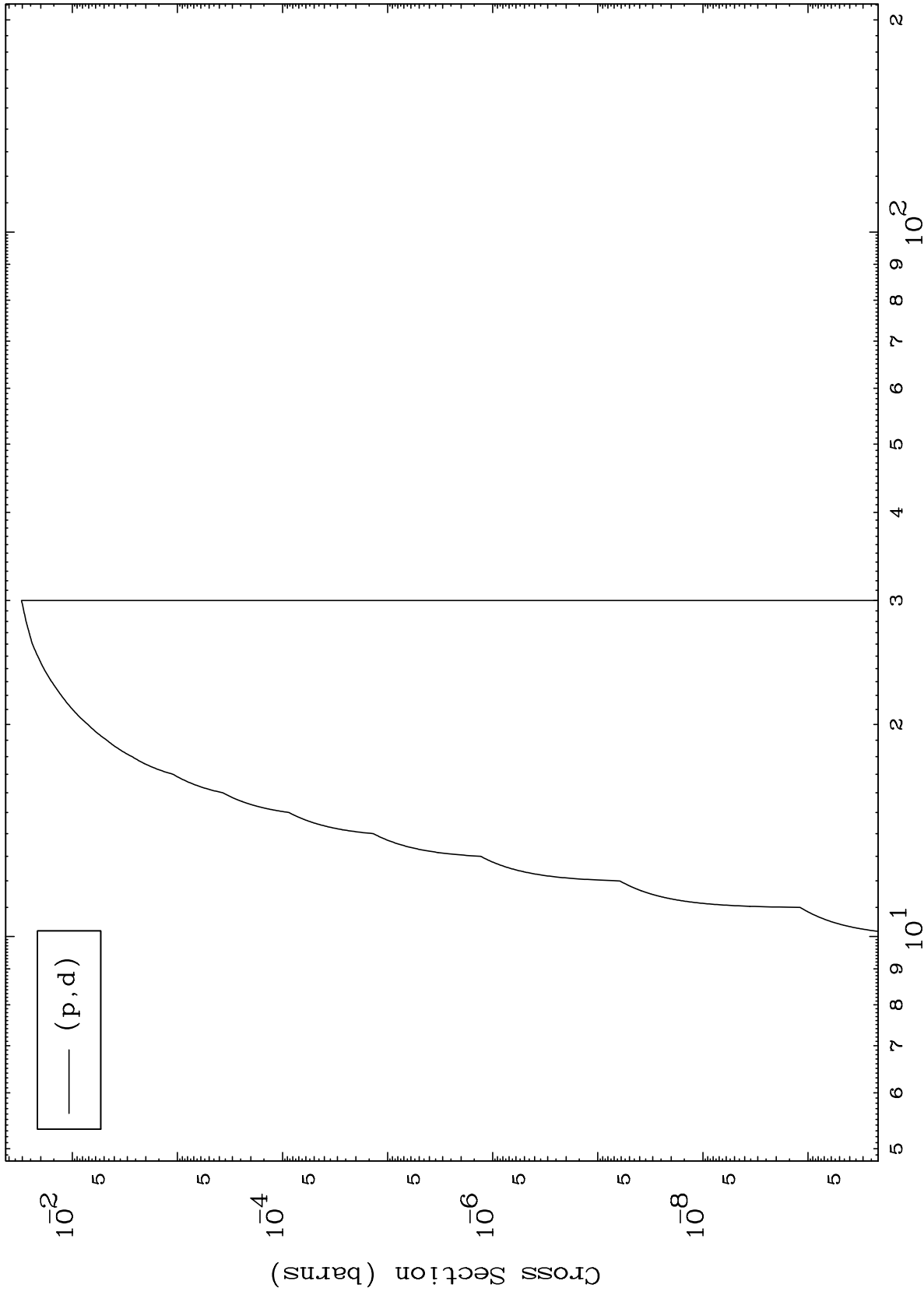
81-T1-198



MAT 8110

(p,d) Levels  
0 Kelvin Cross Sections

81-Tl-198



8

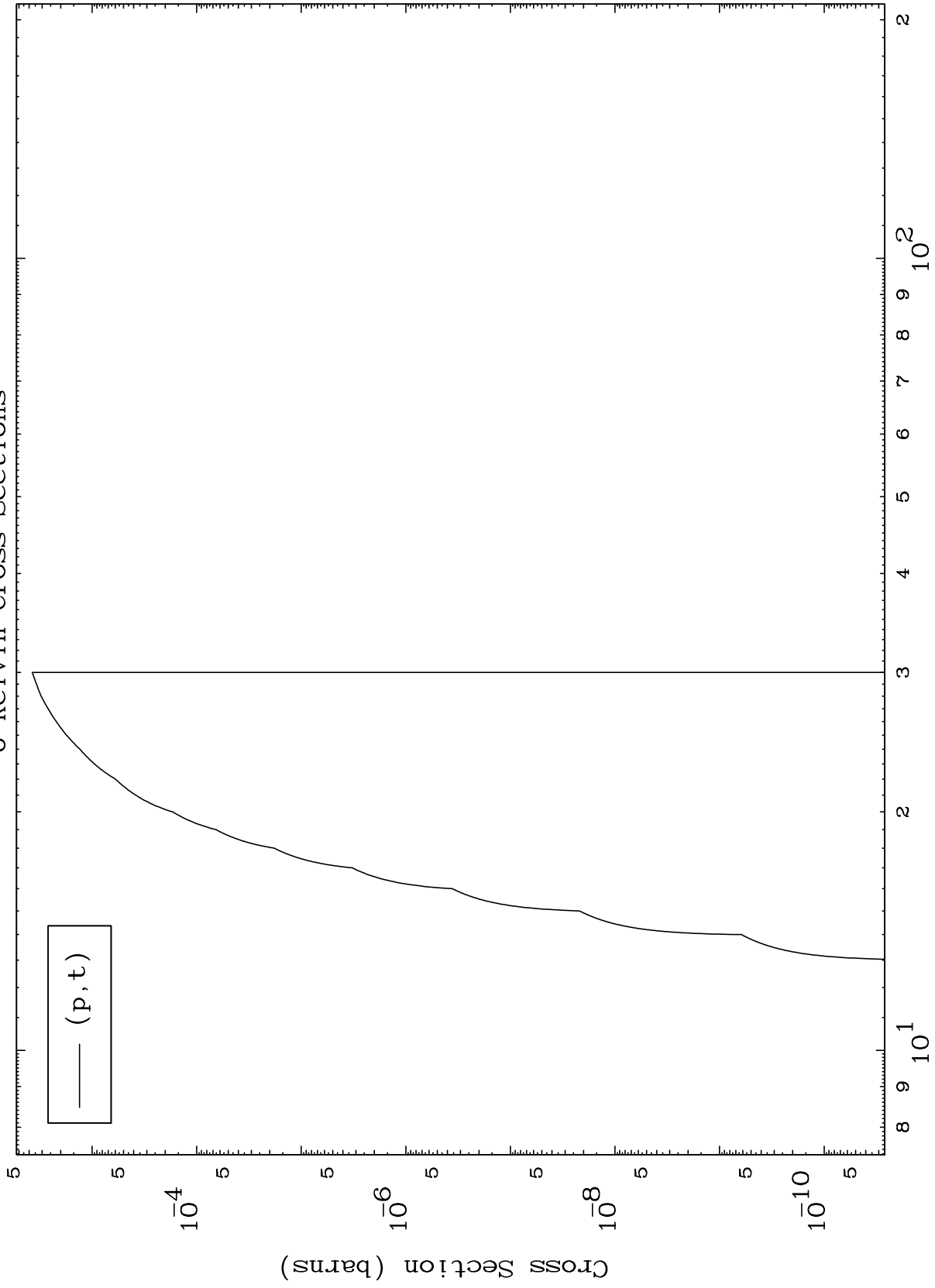
Incident Energy (MeV)

81-Tl-198

MAT 8110

(p,t) Levels  
0 Kelvin Cross Sections

81-T1-198



9

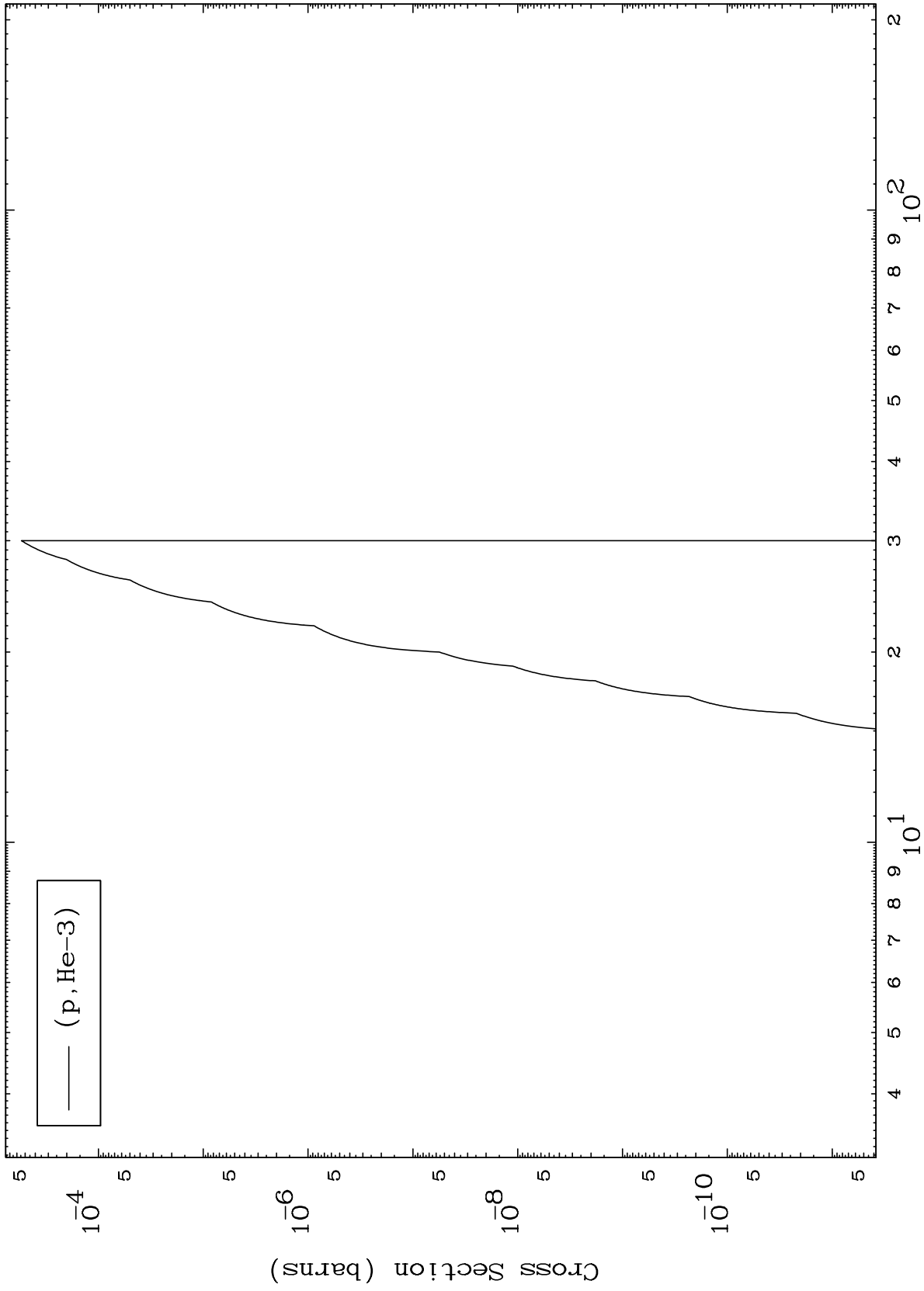
Incident Energy (MeV)

81-T1-198

MAT 8110

(p,He3) Levels  
0 Kelvin Cross Sections

81-T1-198



10

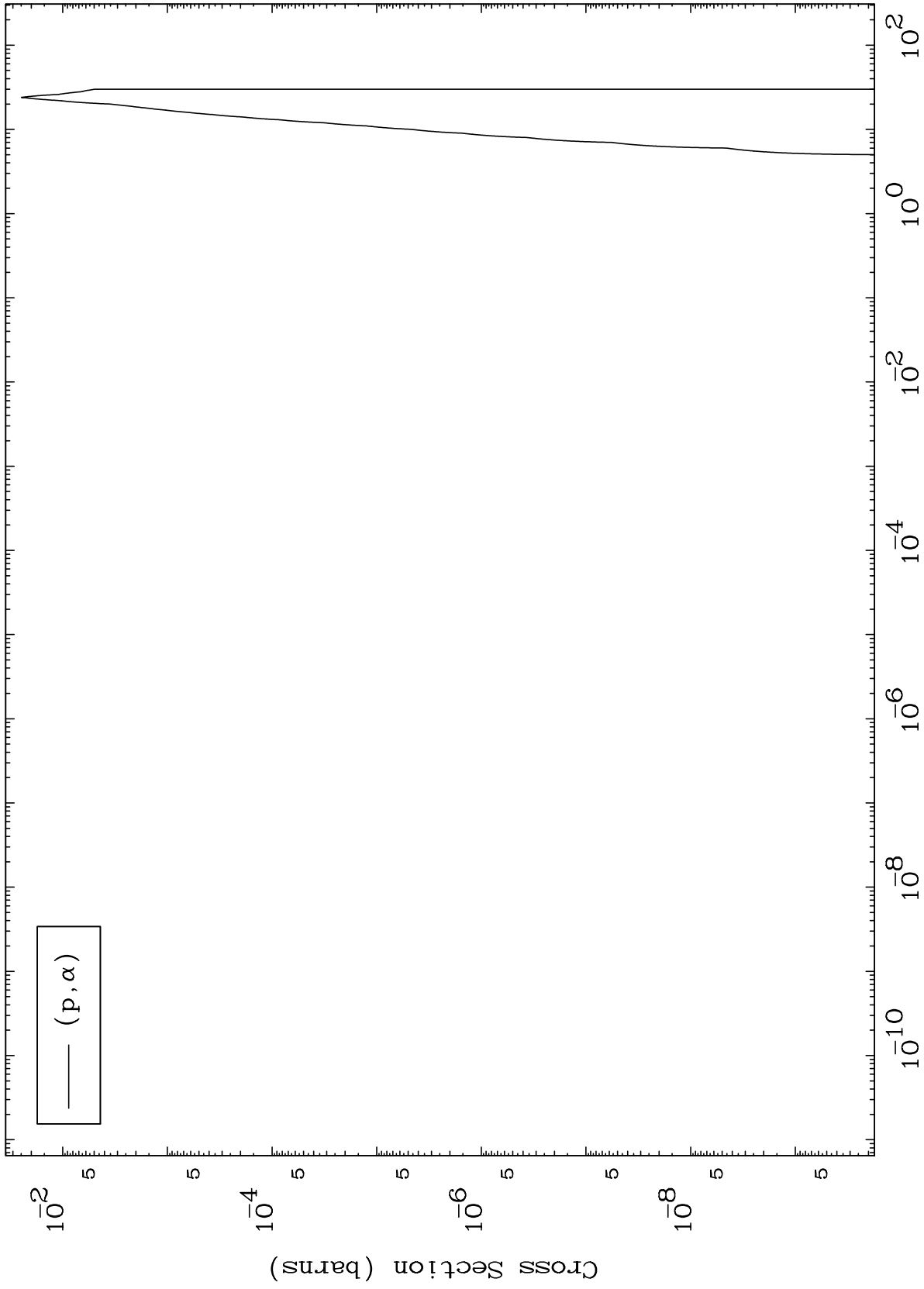
Incident Energy (MeV)

81-T1-198

MAT 8110

(p,α) Levels  
0 Kelvin Cross Sections

81-Tl-198



11

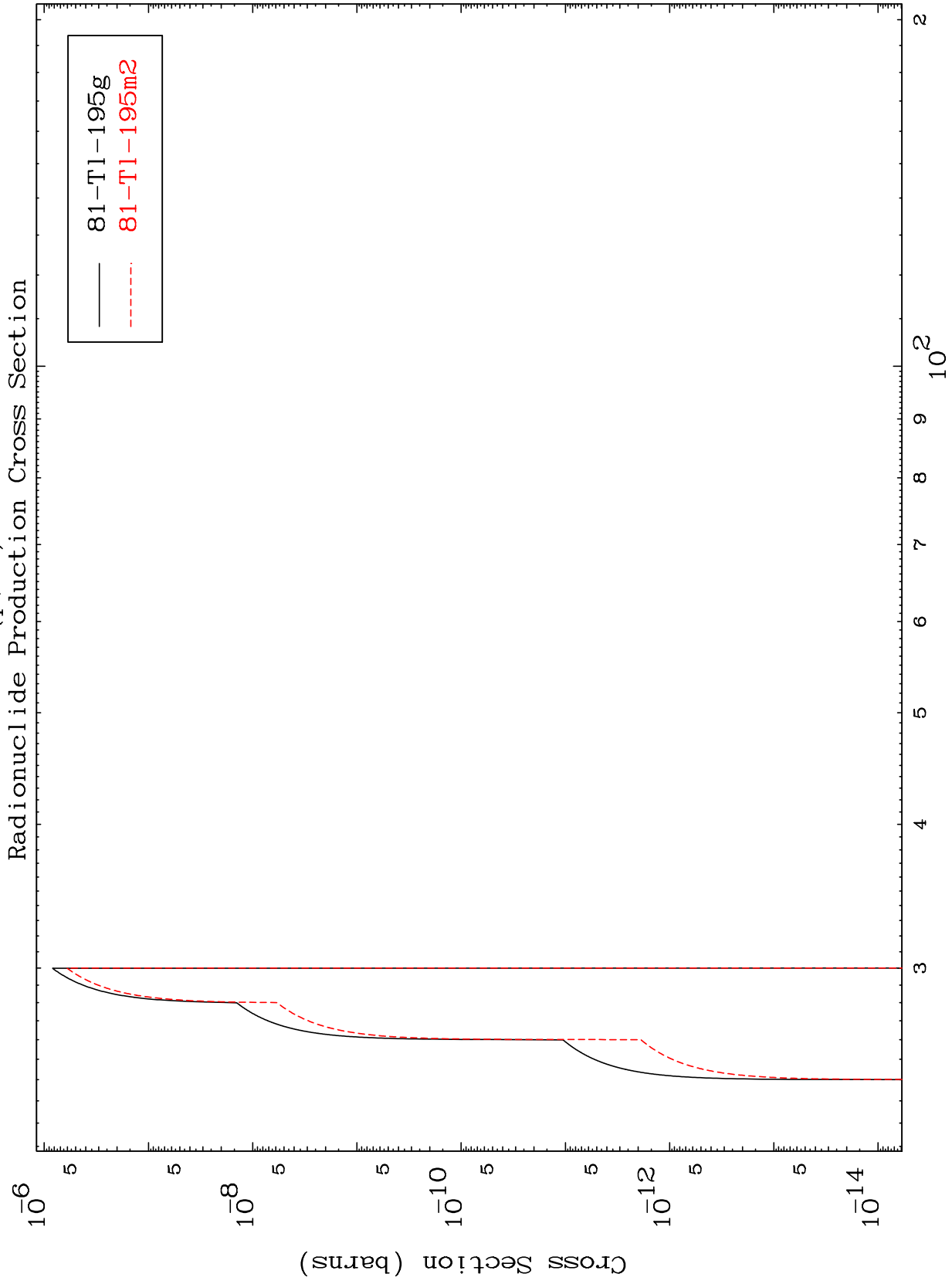
Incident Energy (MeV)

81-Tl-198

MAT 8110

(p,2n) d

81-Tl-198



12

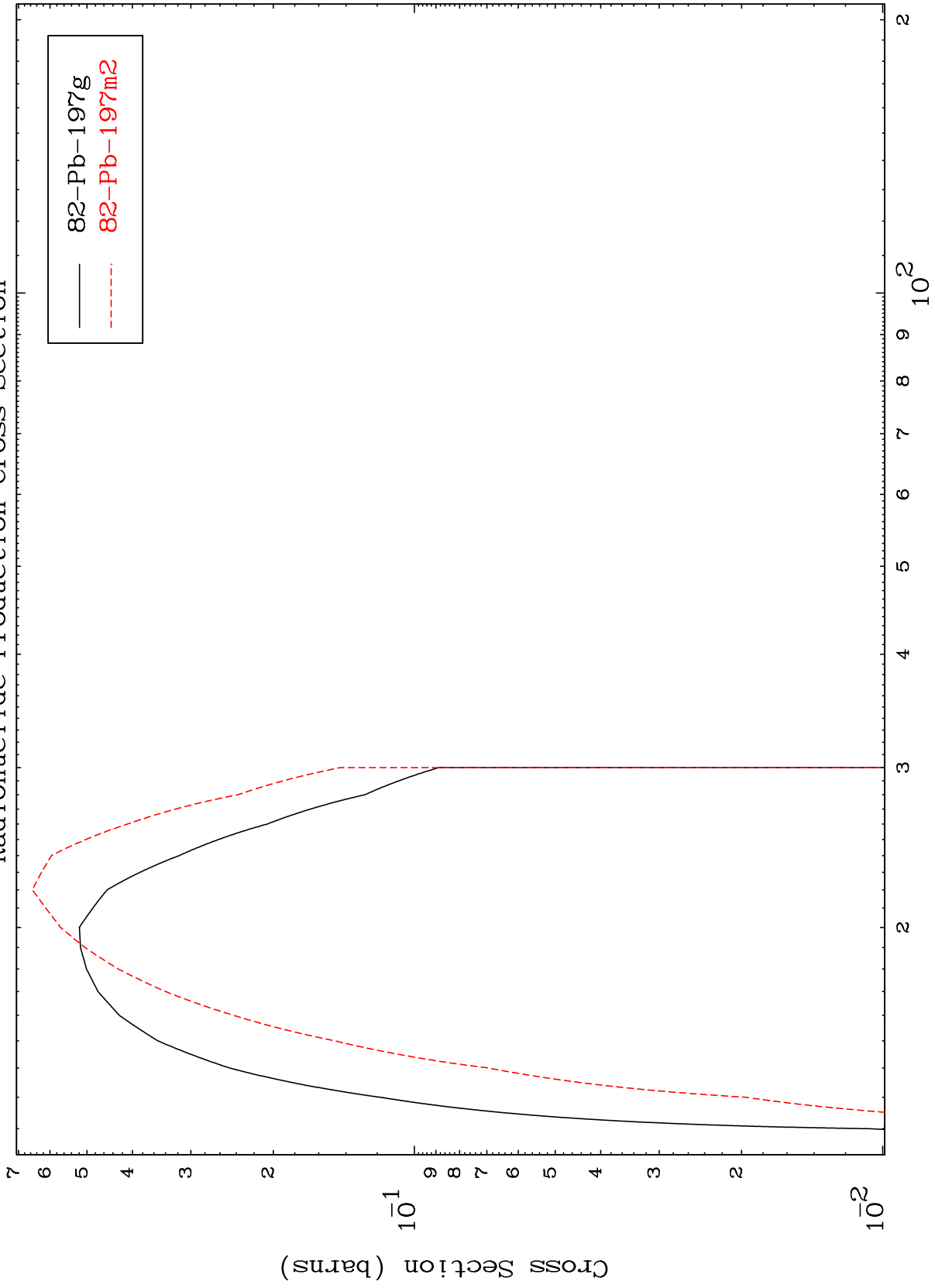
Incident Energy (MeV)

81-Tl-198

MAT 8110

81-T1-198

(p,2n)  
Radionuclide Production Cross Section



82-Pb-197g  
82-Pb-197m2

13

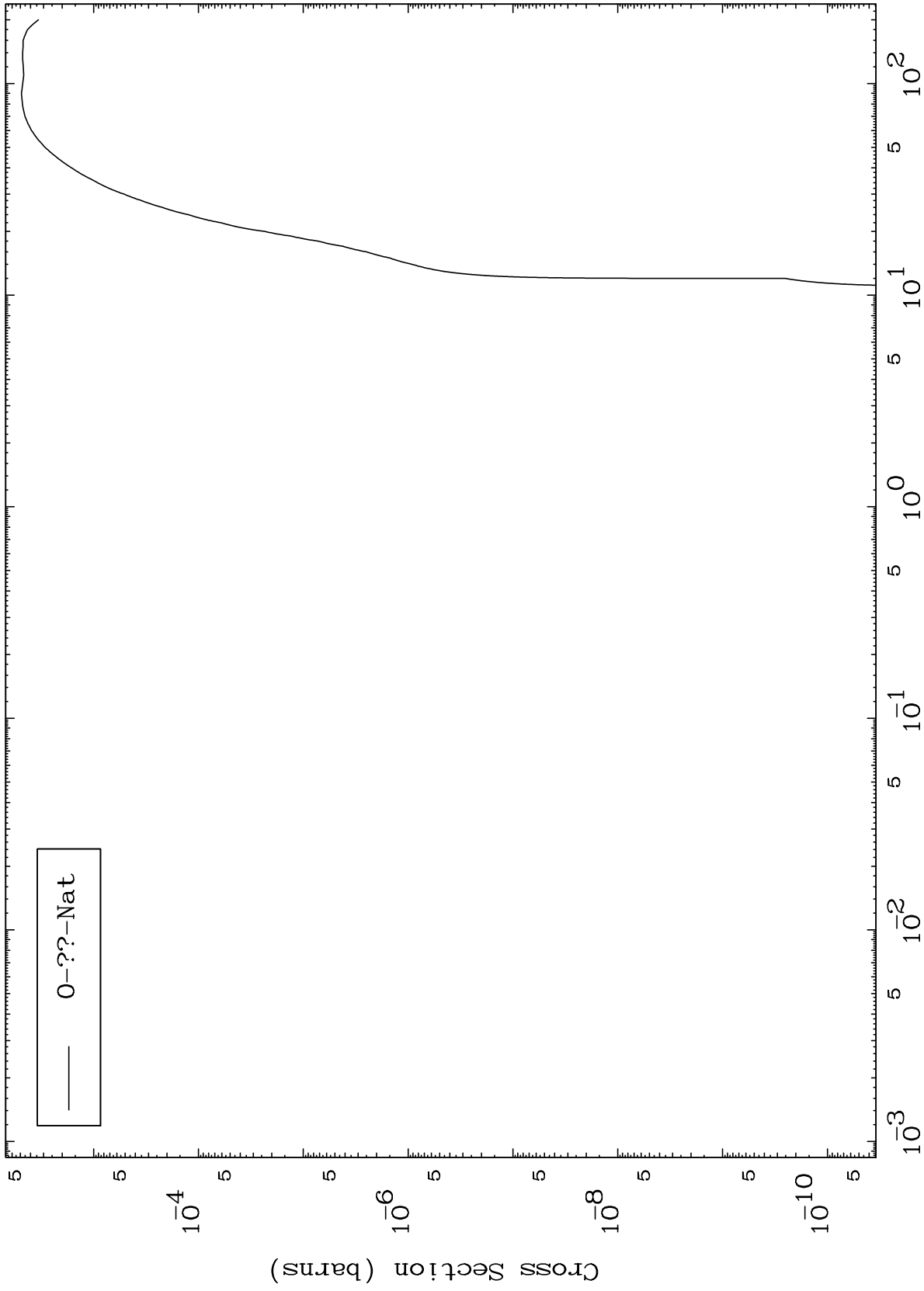
81-T1-198

Incident Energy (MeV)

MAT 8110

Proton Fission  
Radionuclide Production Cross Section

81-T1-198



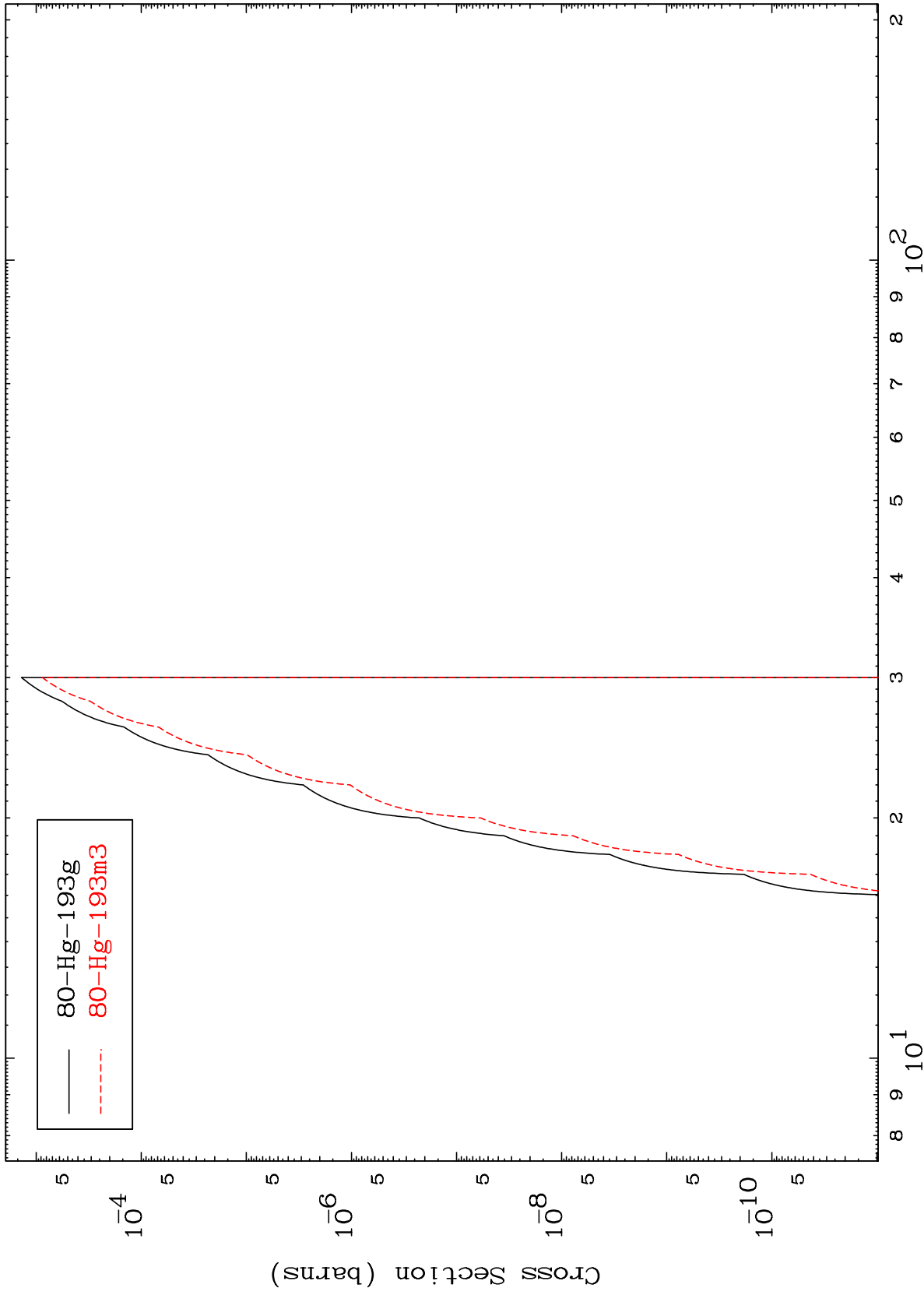
0-??-Nat

MAT 8110

(p,2n)  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

81-Tl-198

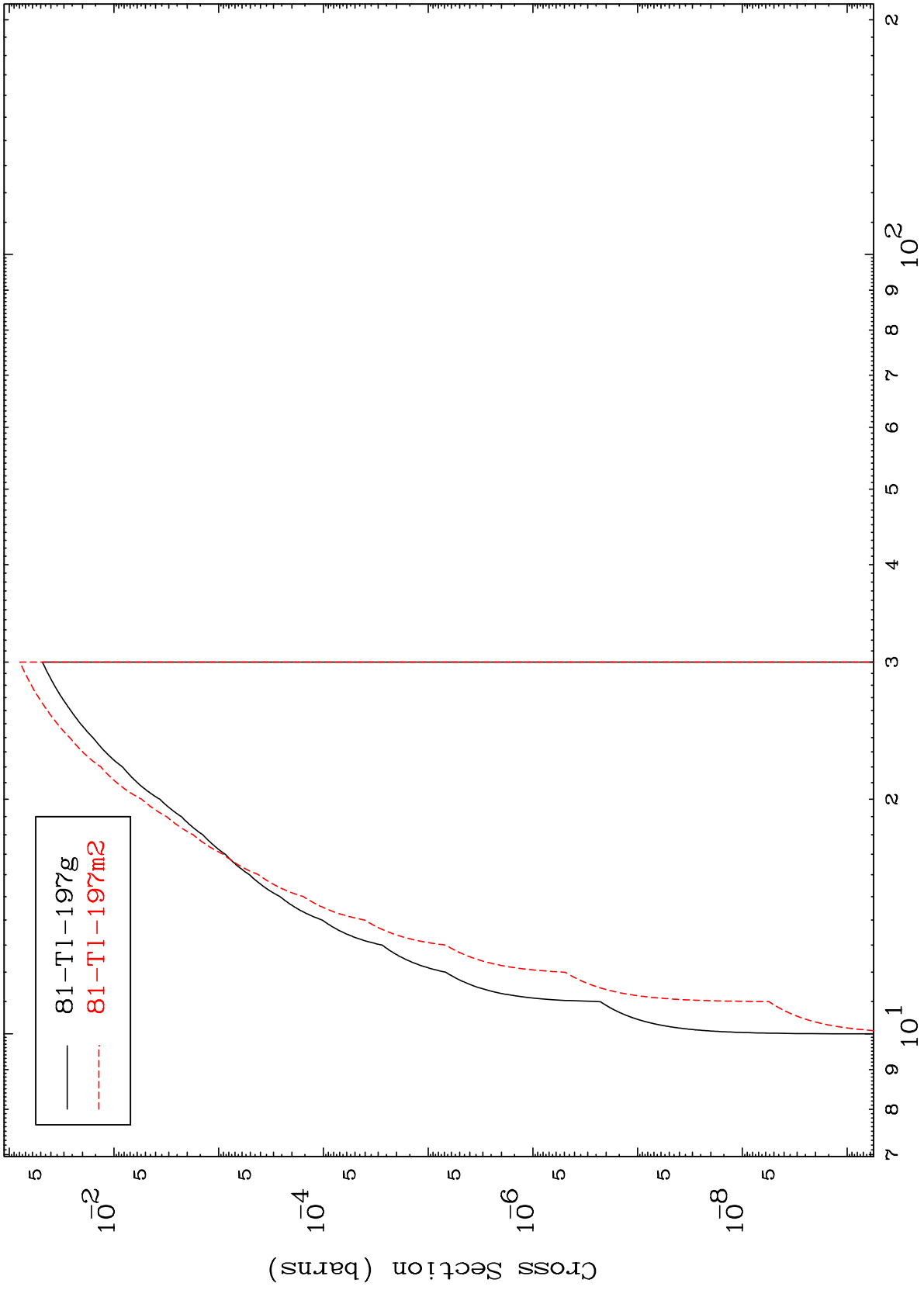


MAT 8110

(p,n') p

81-Tl-198

Radionuclide Production Cross Section



81-Tl-197g  
81-Tl-197m2

16

Incident Energy (MeV)

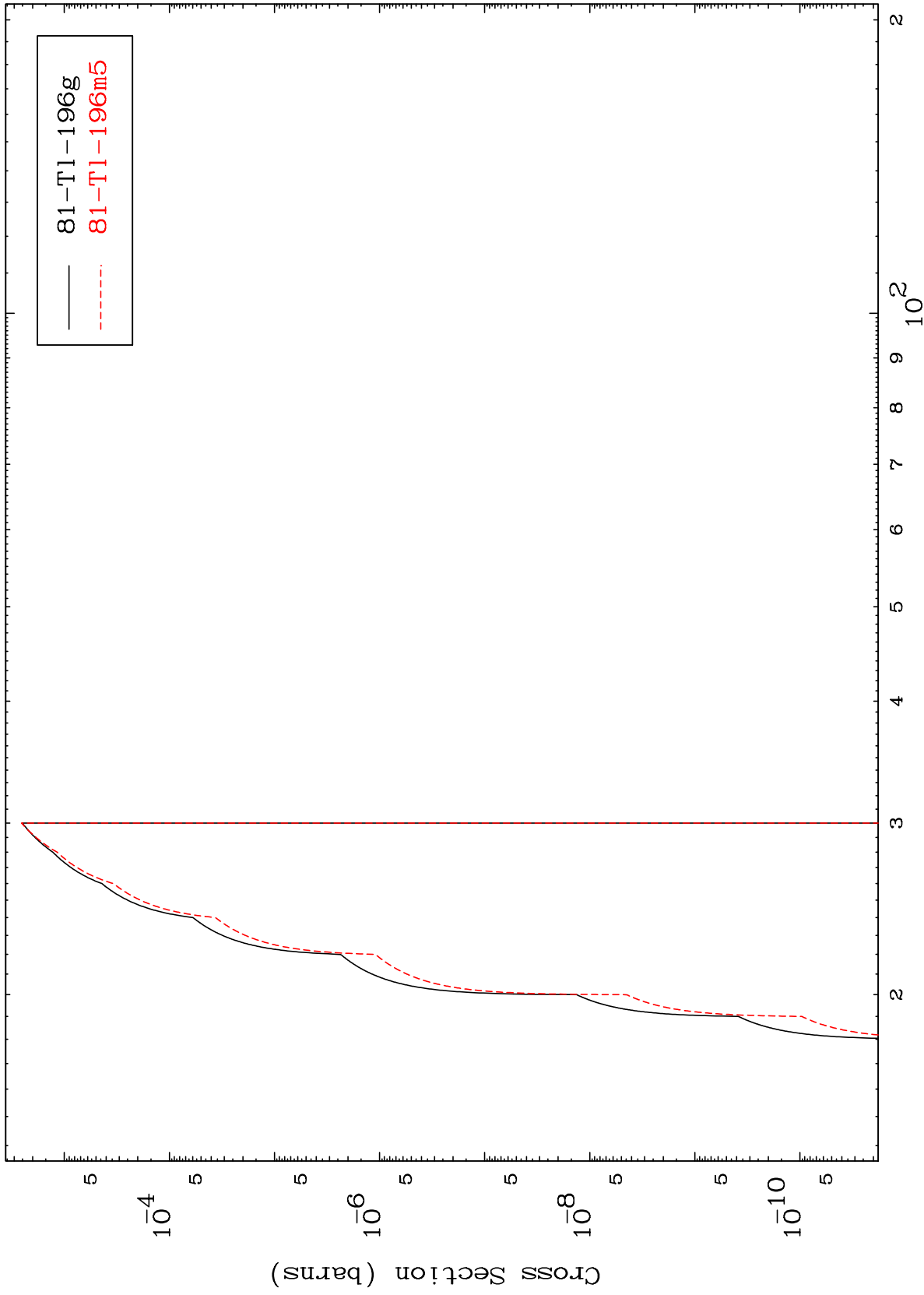
81-Tl-198

MAT 8110

(p,n') d

81-Tl-198

Radionuclide Production Cross Section



17

Incident Energy (MeV)

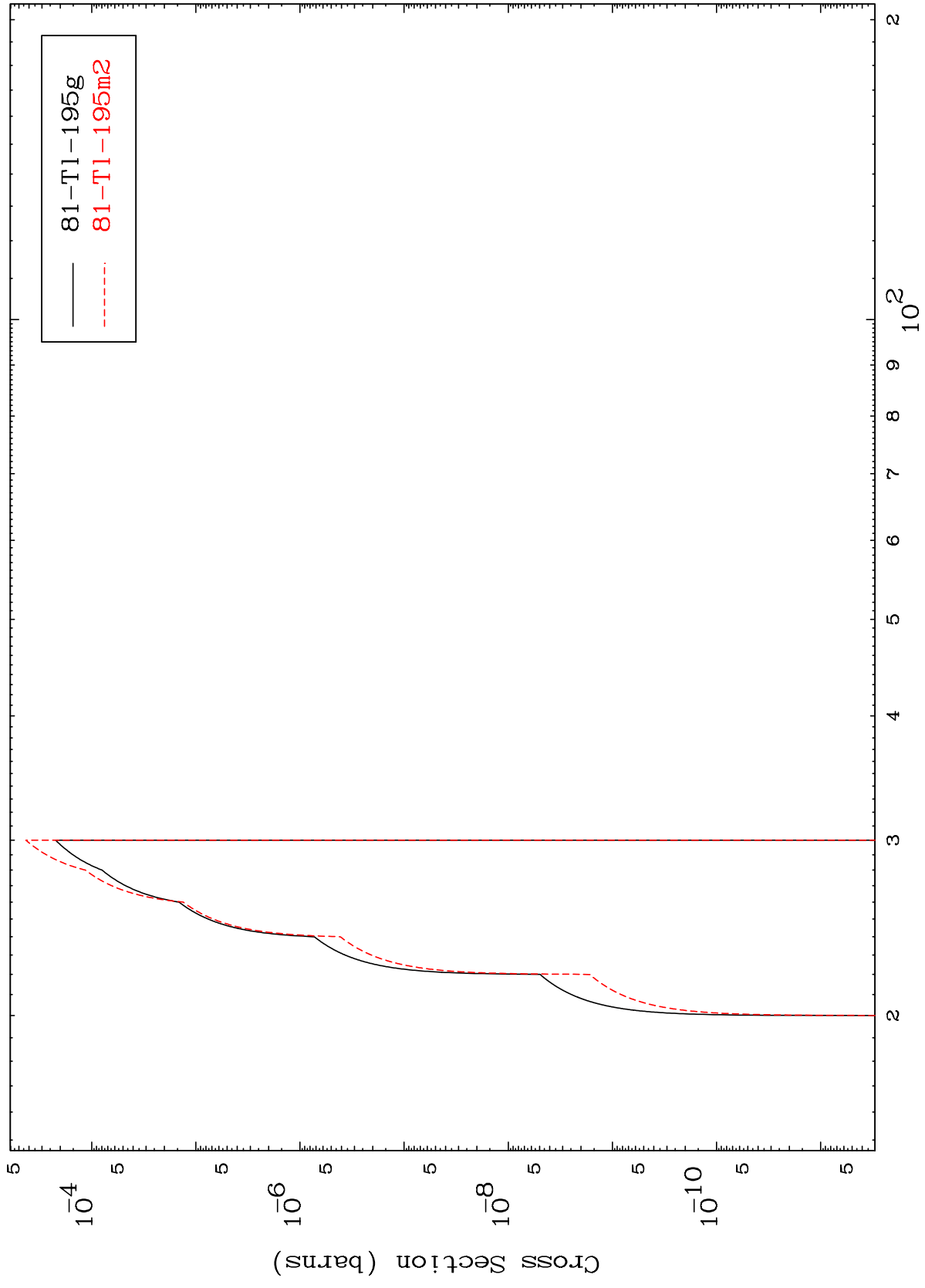
81-Tl-198

MAT 8110

(p,n') t

81-Tl-198

Radionuclide Production Cross Section



81-Tl-195g  
81-Tl-195m2

18

Incident Energy (MeV)

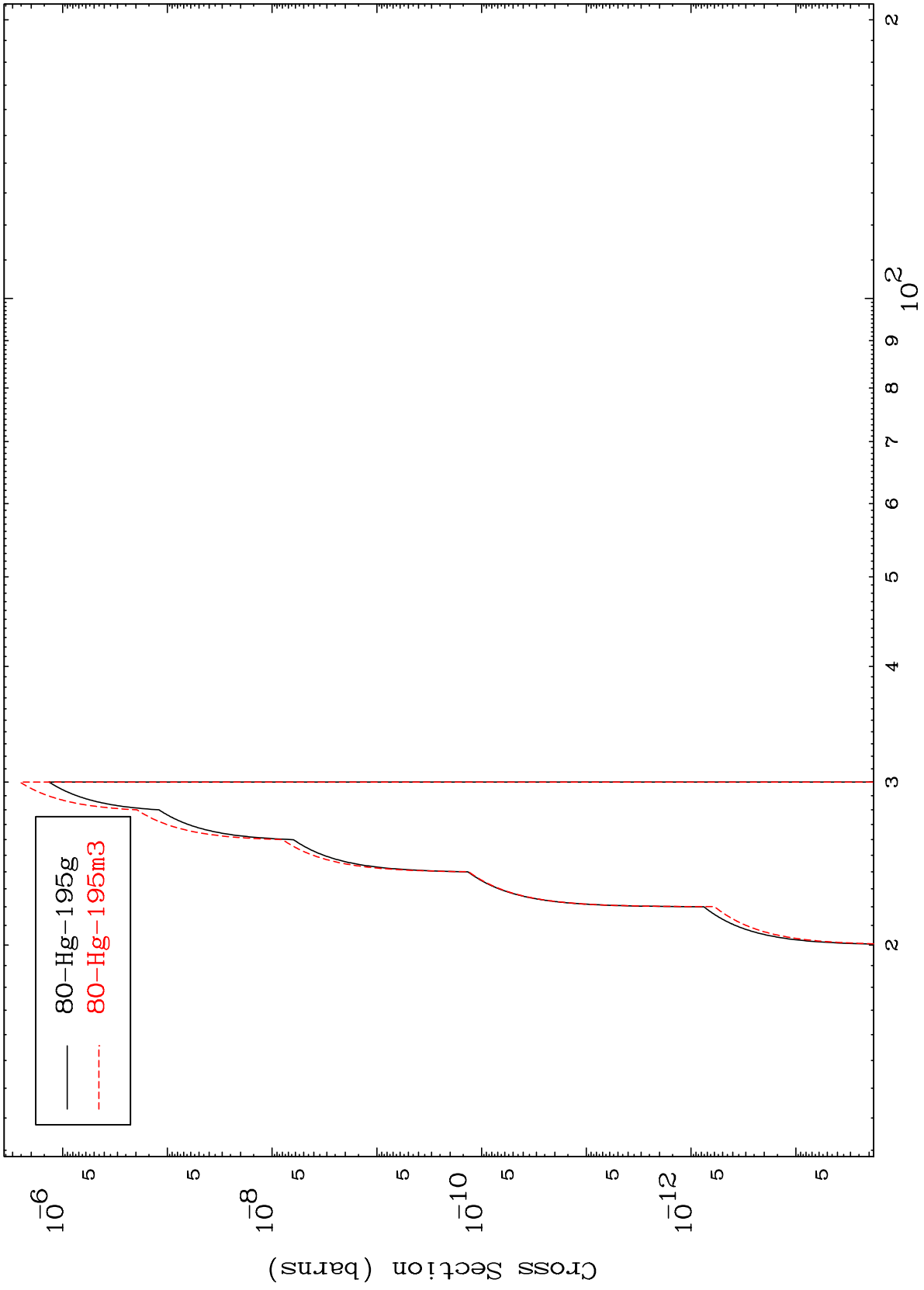
81-Tl-198

MAT 8110

(p,n') He-3

81-Tl-198

Radionuclide Production Cross Section



19

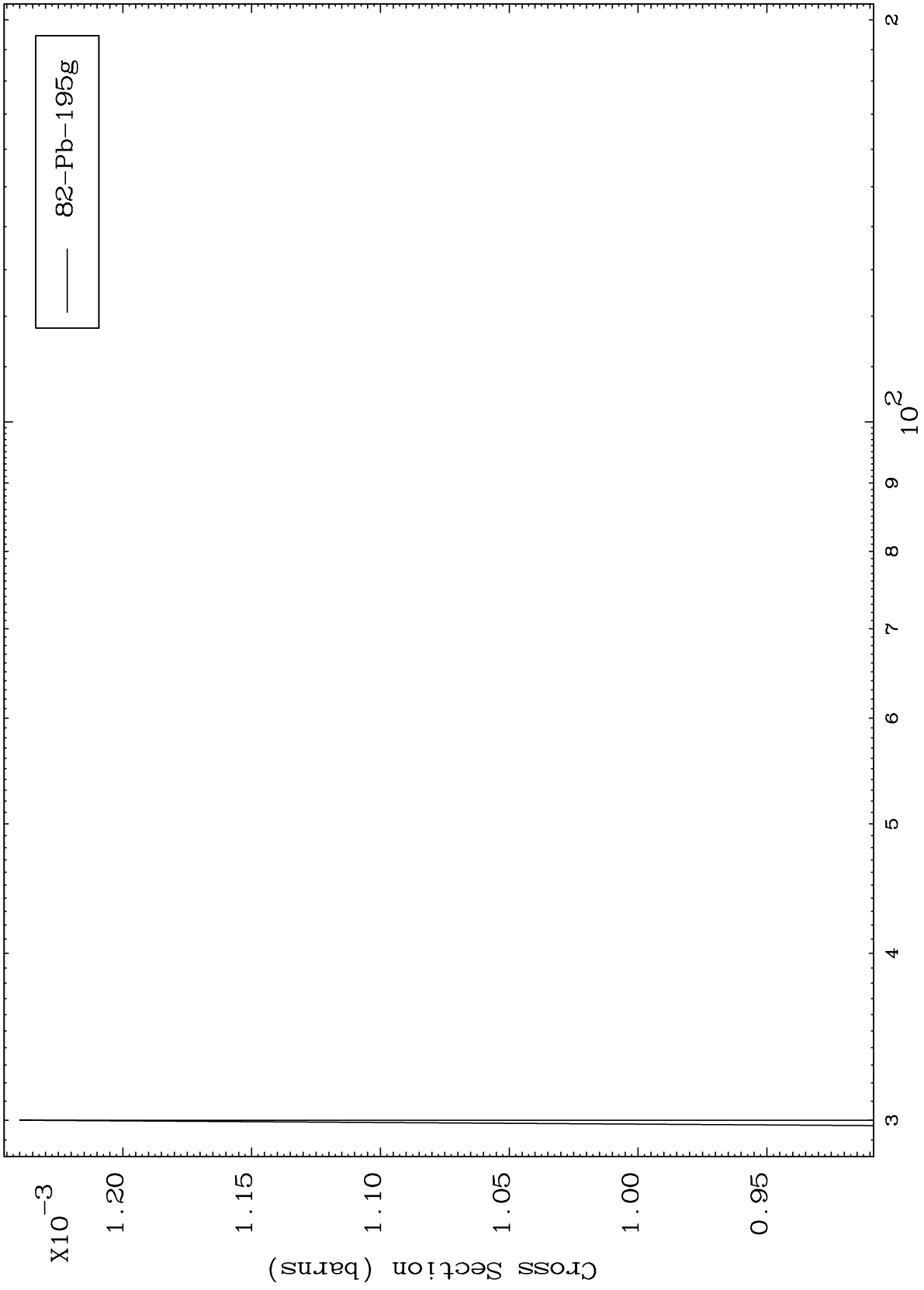
Incident Energy (MeV)

81-Tl-198

MAT 8110

81-T1-198

Radionuclide Production Cross Section  
(p,4n)



20

Incident Energy (MeV)

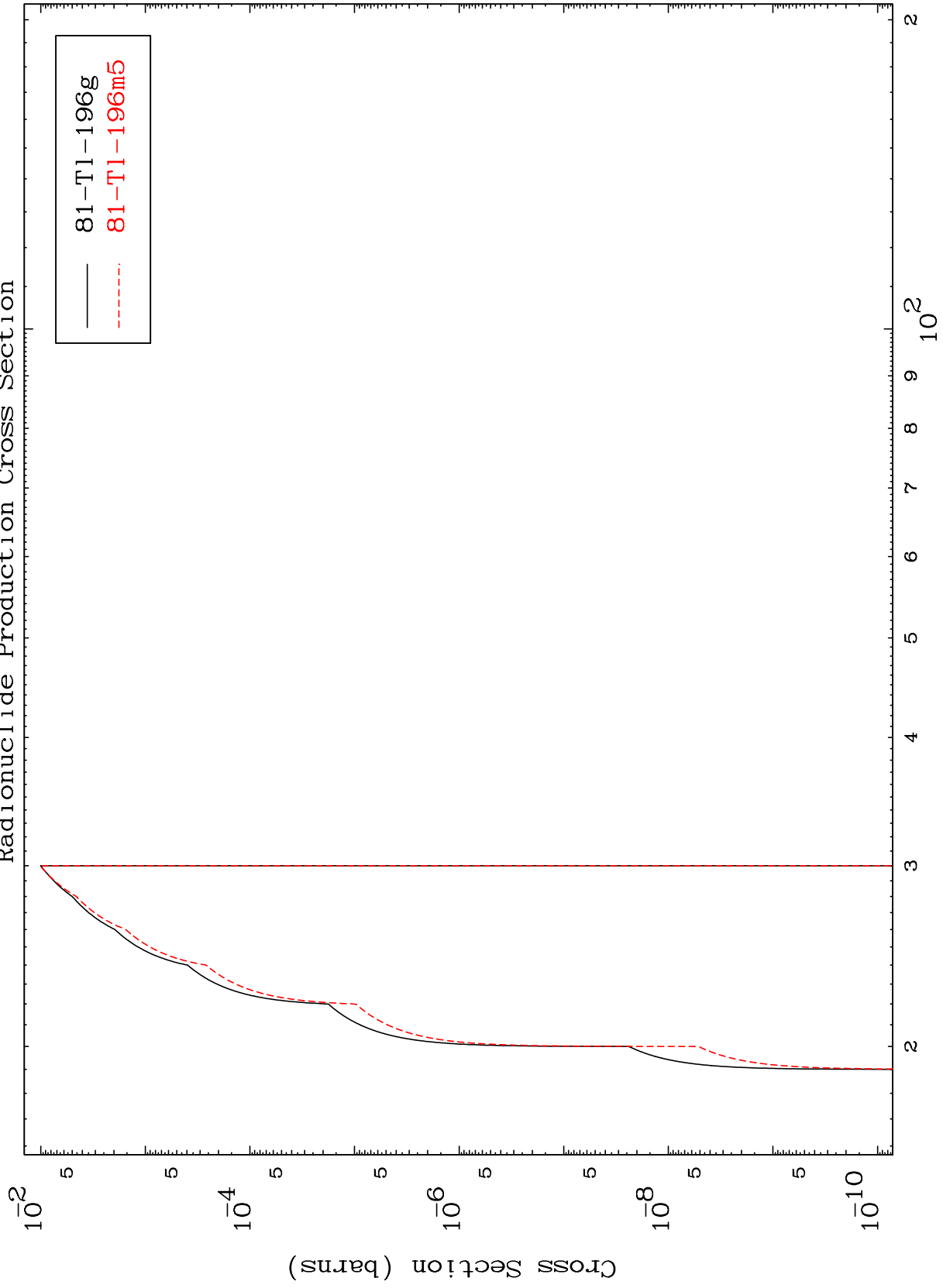
81-T1-198

MAT 8110

(p,2n) p

81-Tl-198

Radionuclide Production Cross Section



21

Incident Energy (MeV)

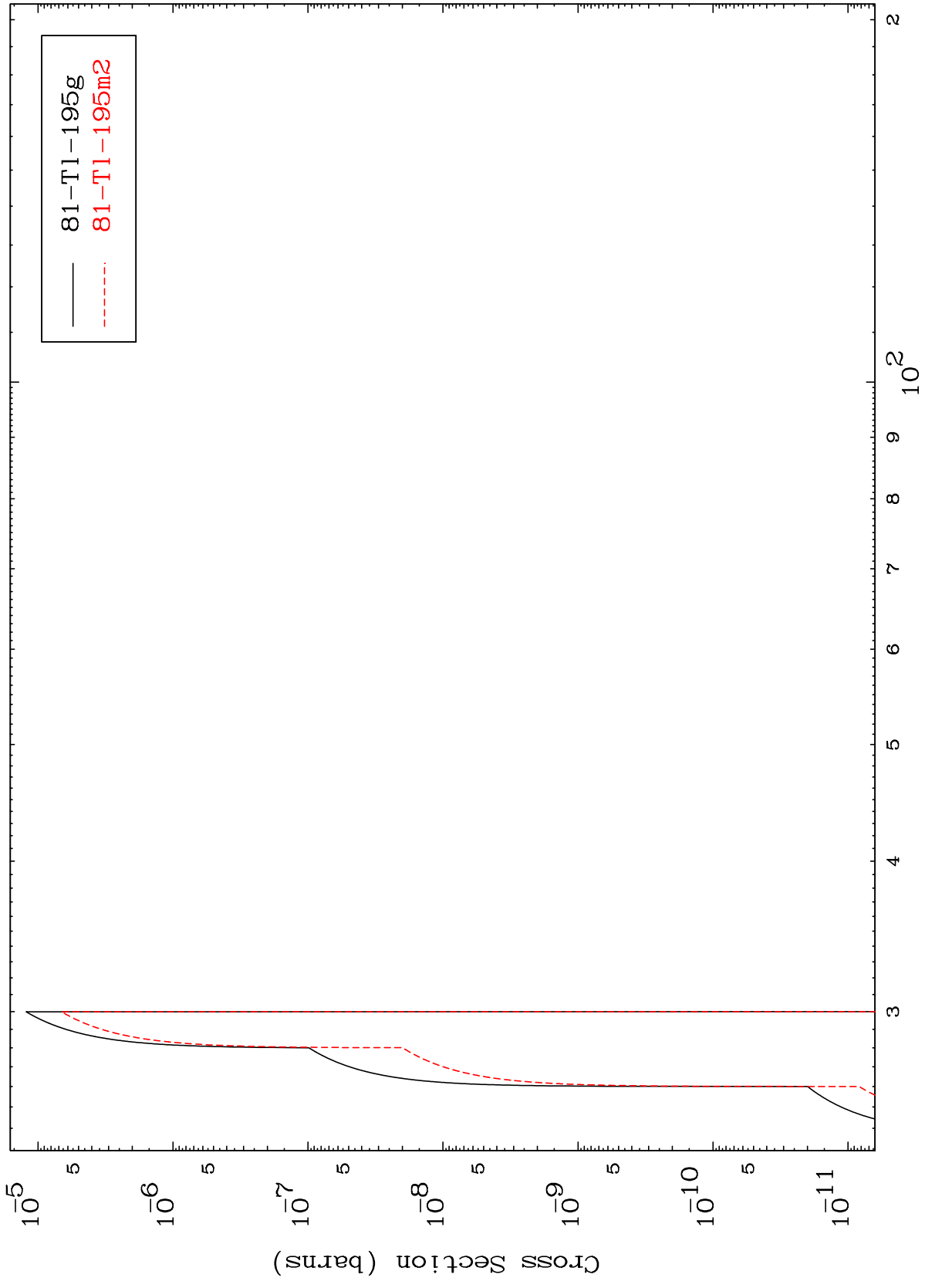
81-Tl-198

MAT 8110

(p,3n) p

81-Tl-198

Radionuclide Production Cross Section



81-Tl-195g  
81-Tl-195m2

22

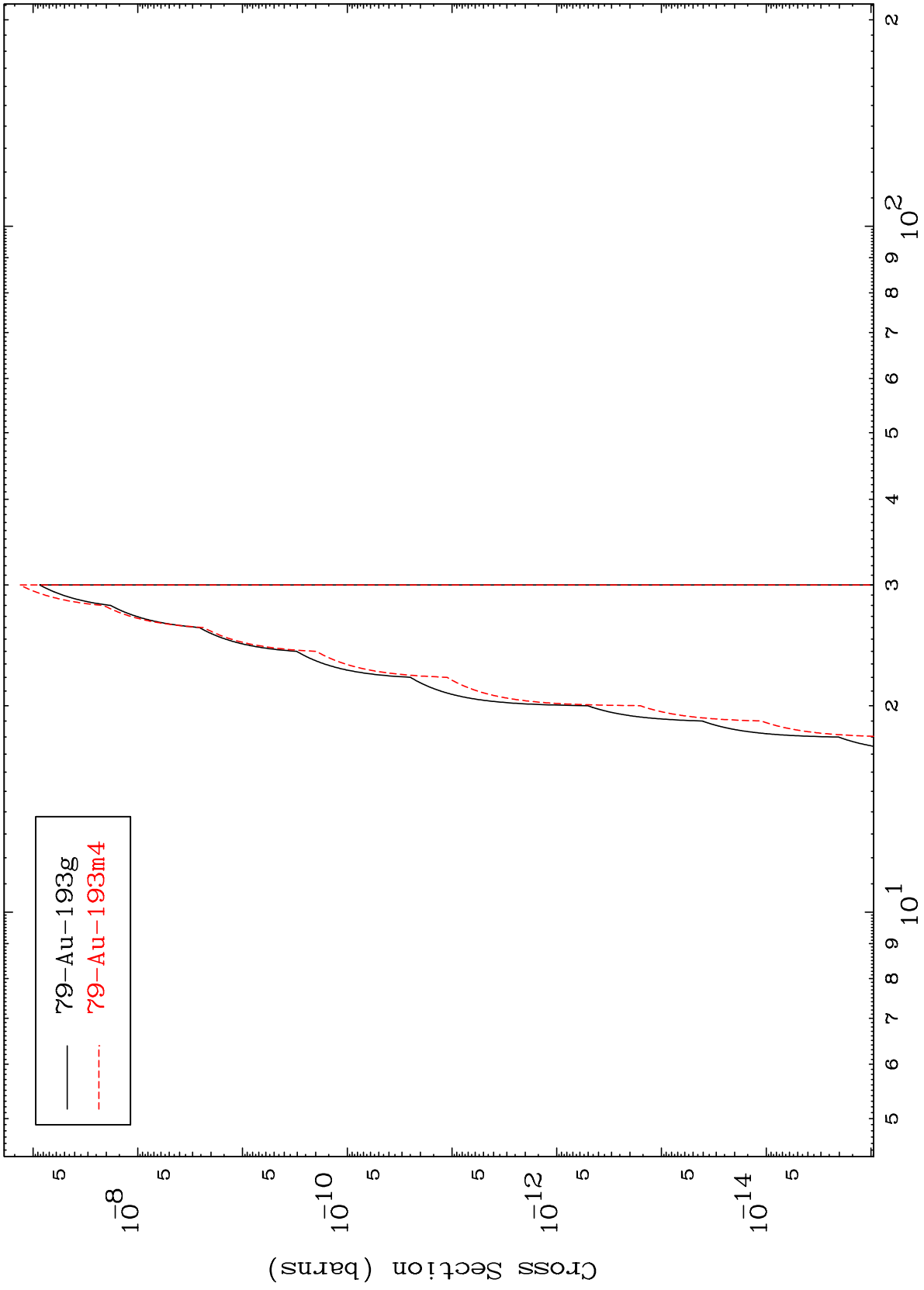
Incident Energy (MeV)

81-Tl-198

MAT 8110

81-Tl-198

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



23

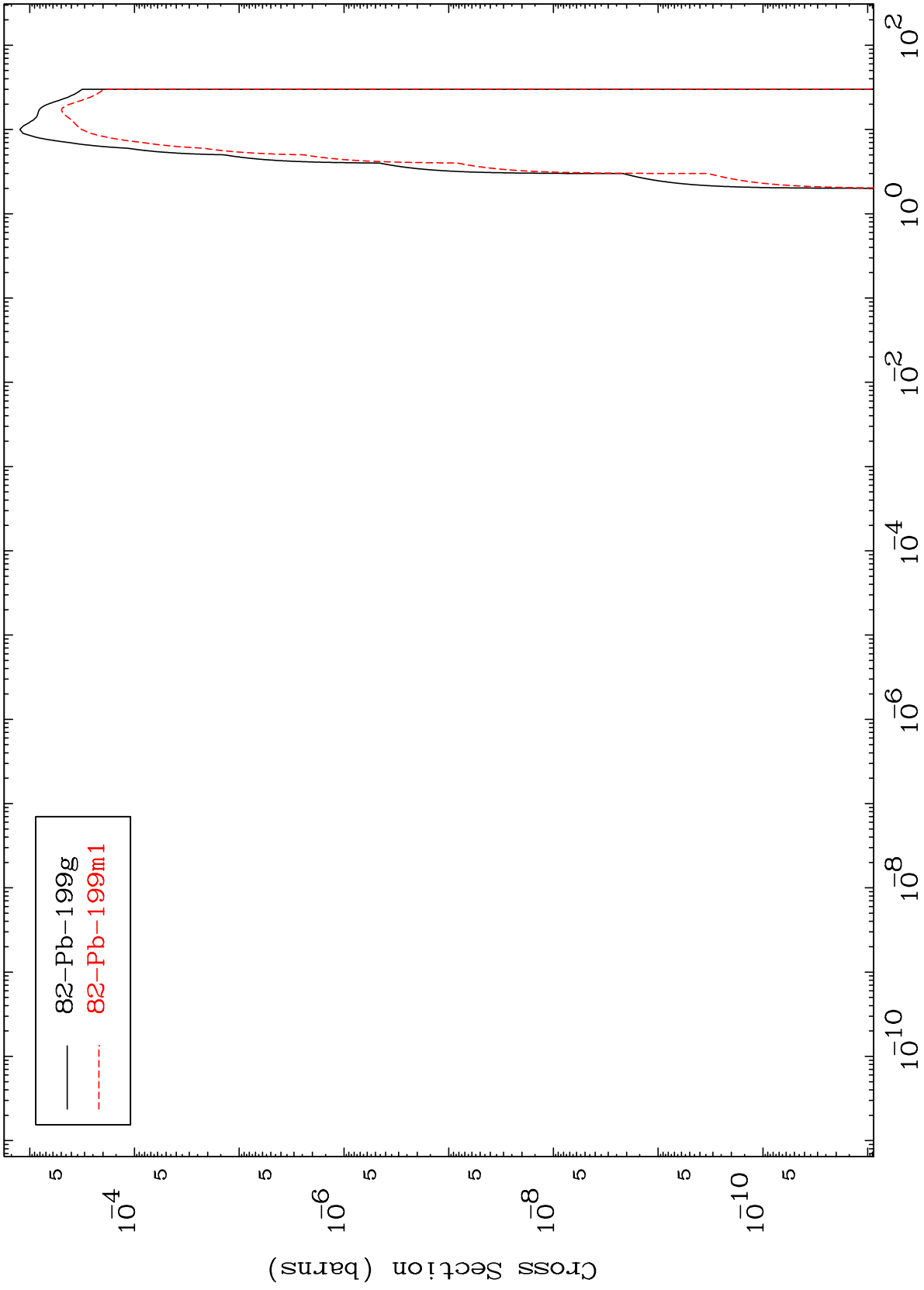
81-Tl-198



MAT 8110

Radionuclide Production Cross Section  
(p,γ)

81-Tl-198



24

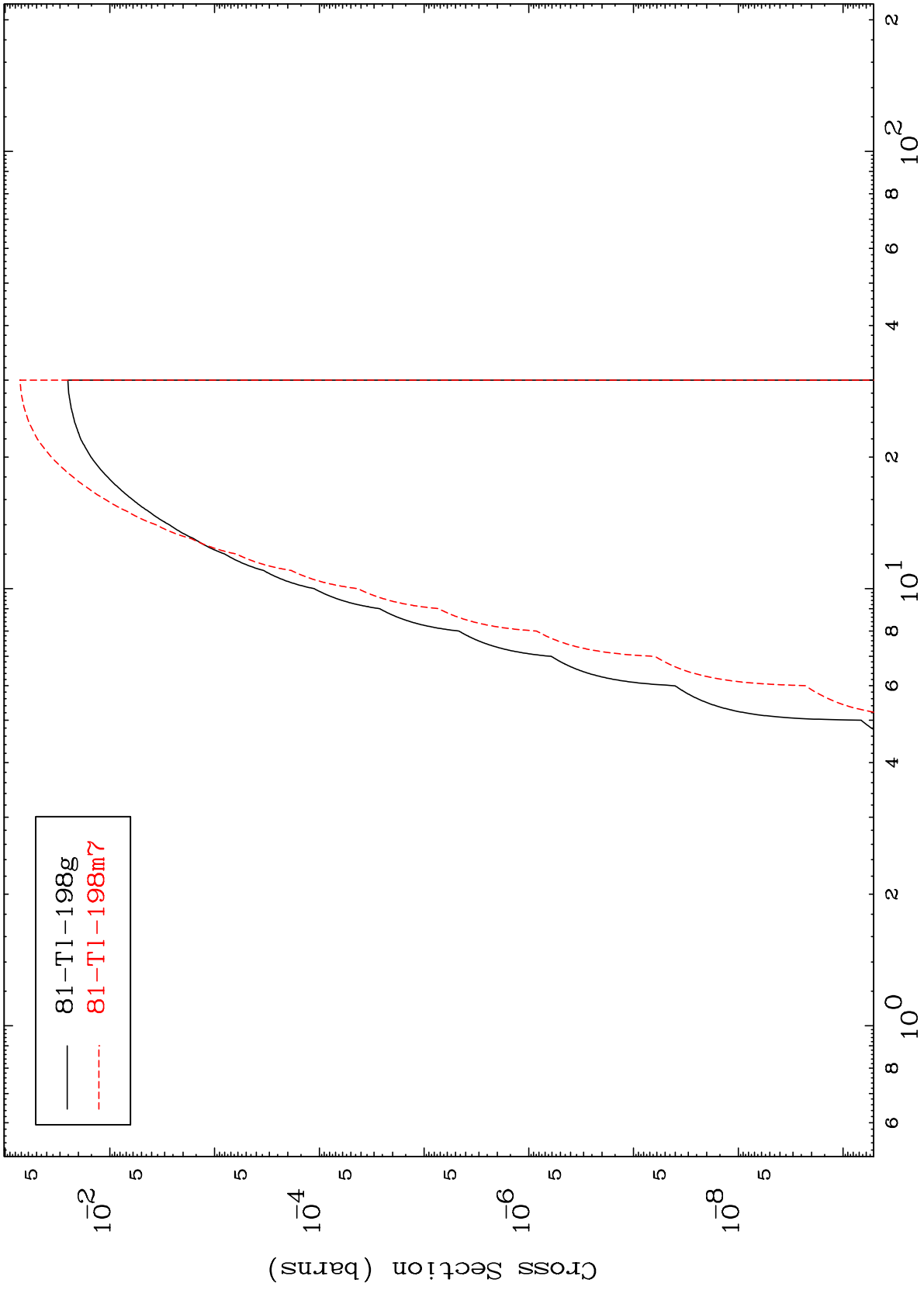
Incident Energy (MeV)

81-Tl-198

MAT 8110

81-Tl-198

Radionuclide Production Cross Section (p,p)



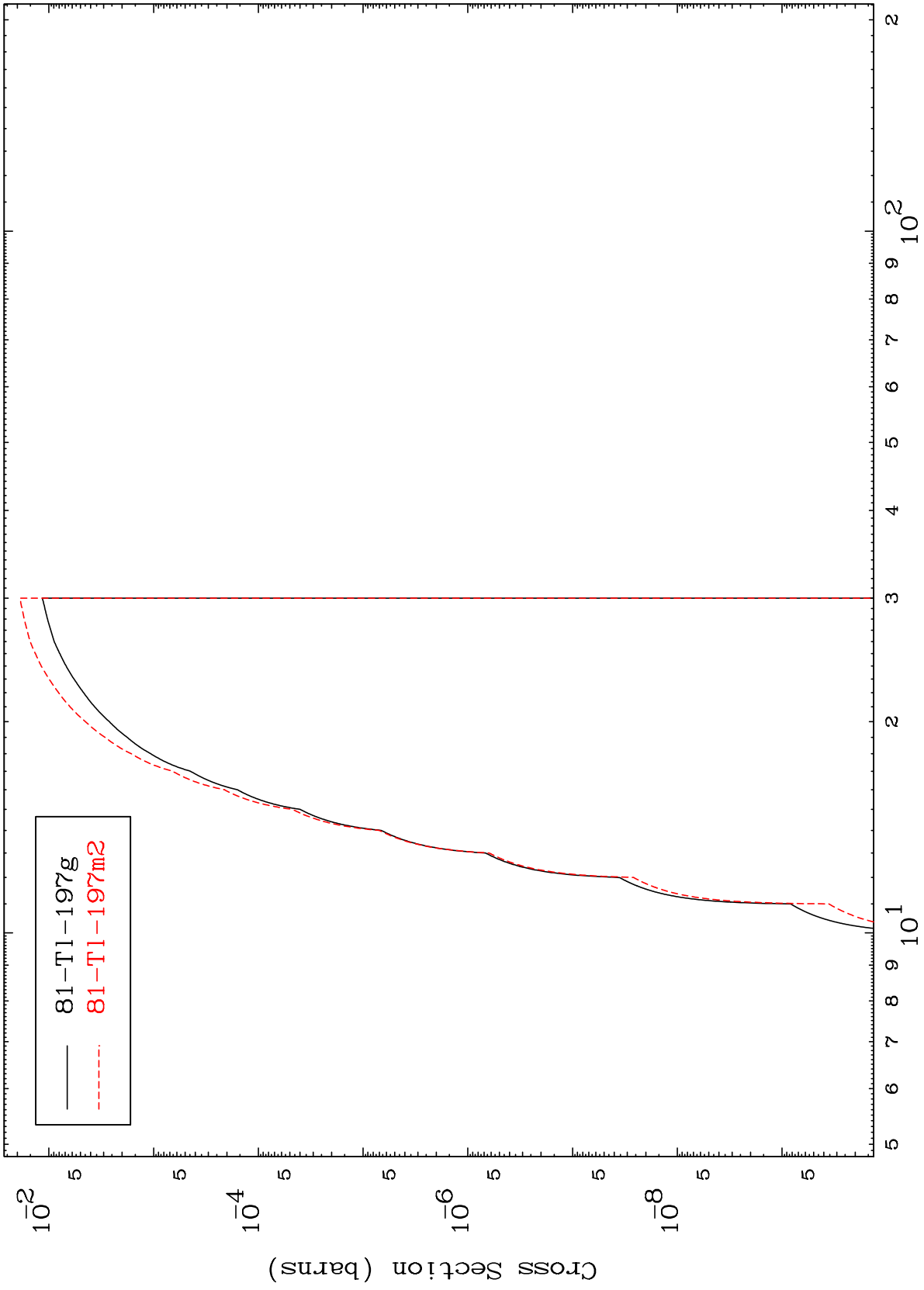
25

81-Tl-198

MAT 8110

81-Tl-198

(p,d)  
Radionuclide Production Cross Section



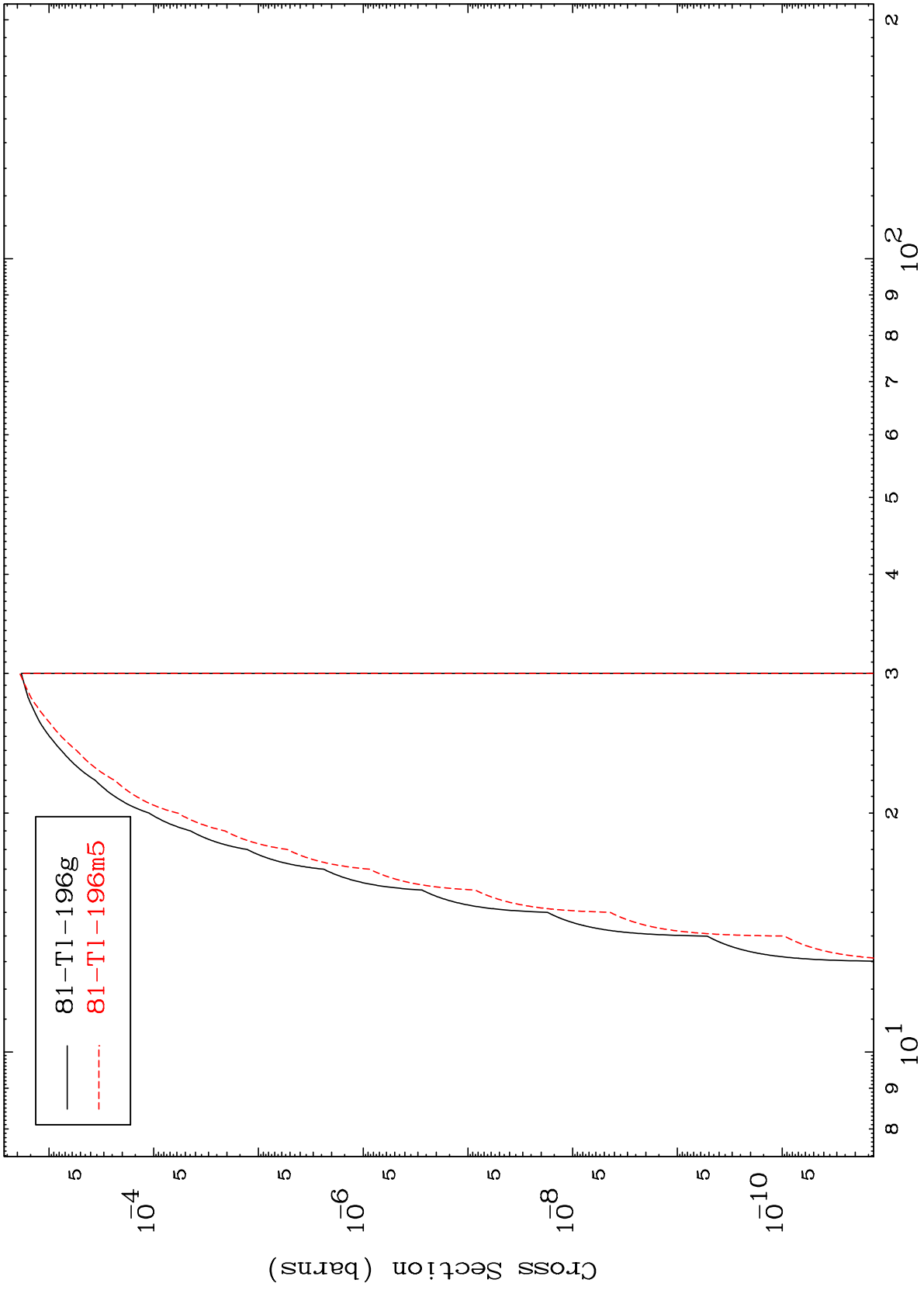
26

81-Tl-198

MAT 8110

81-Tl-198

(p, t)  
Radionuclide Production Cross Section



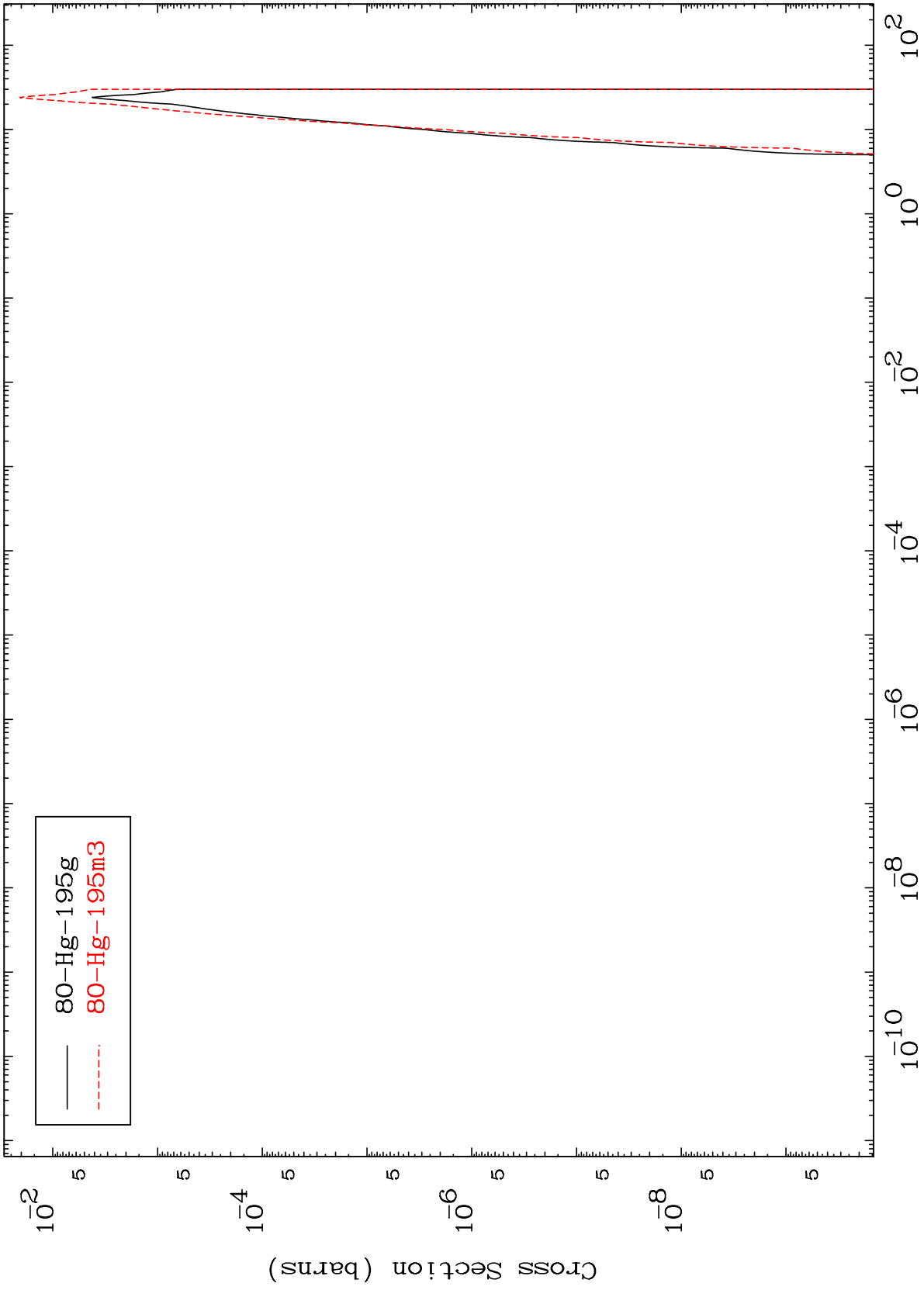
27

81-Tl-198

MAT 8110

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

81-Tl-198



28

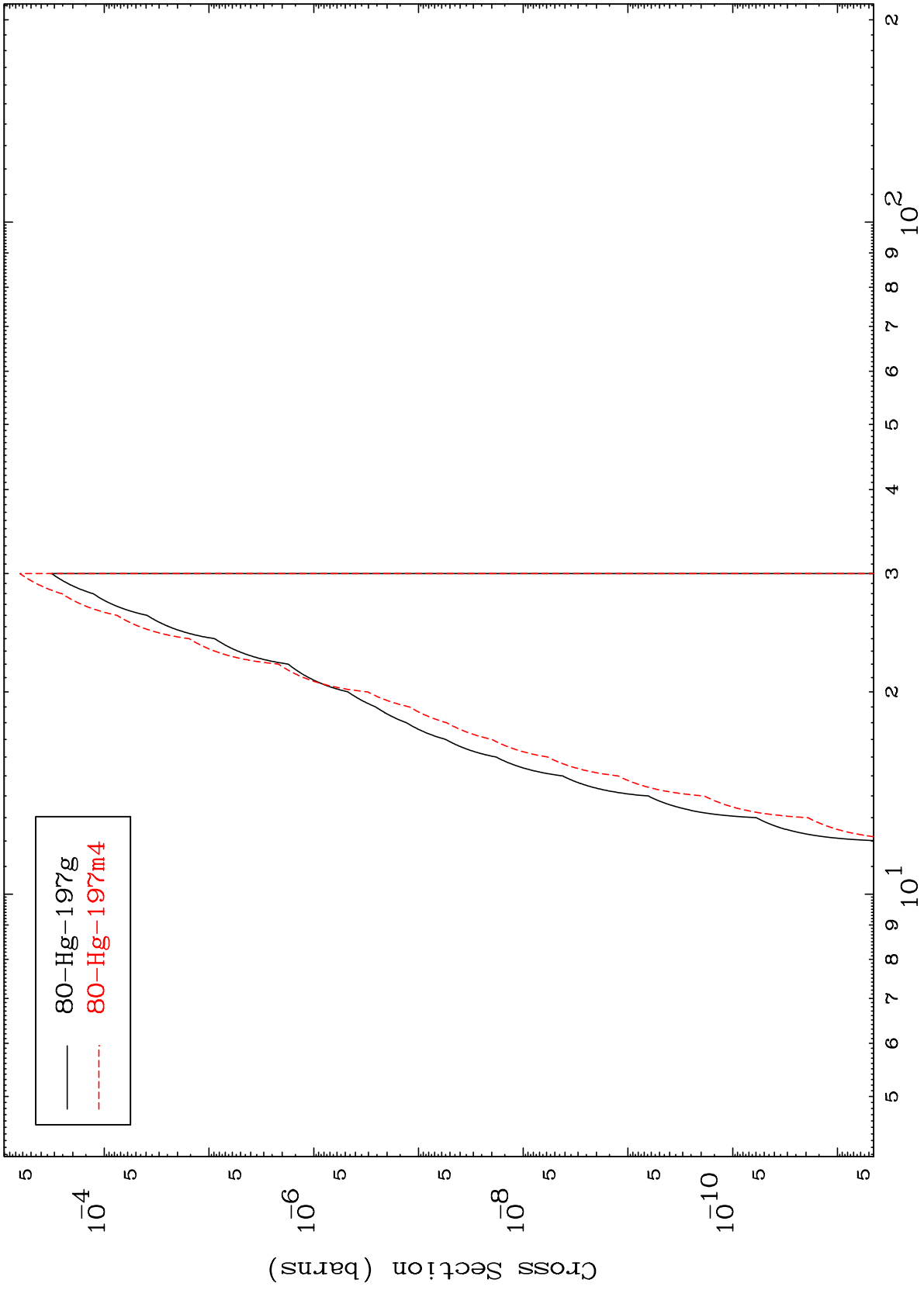
Incident Energy (MeV)

81-Tl-198

MAT 8110

81-Tl-198

(p,2p)  
Radionuclide Production Cross Section



29

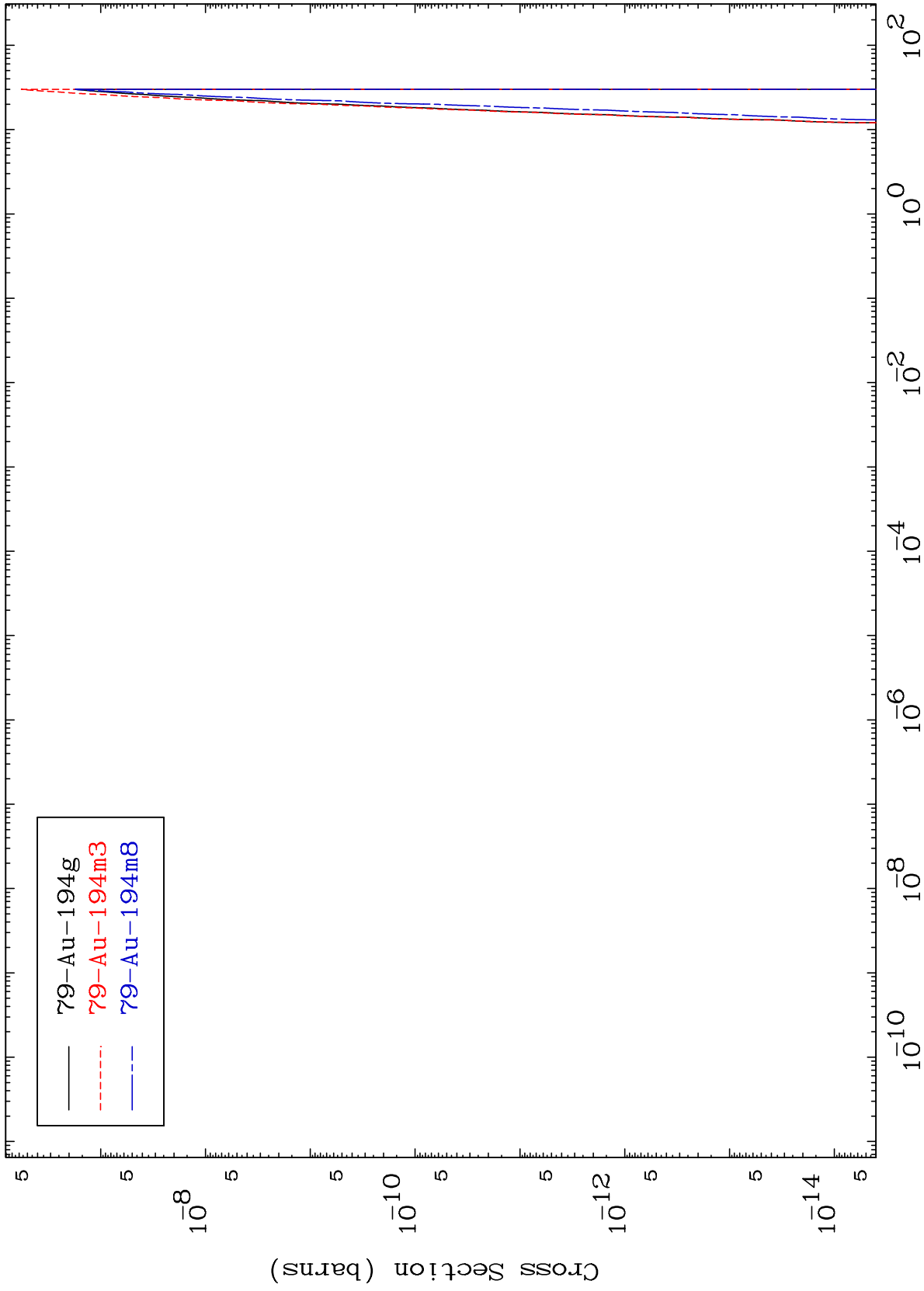
81-Tl-198

MAT 8110

(p,p)  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



30

Incident Energy (MeV)

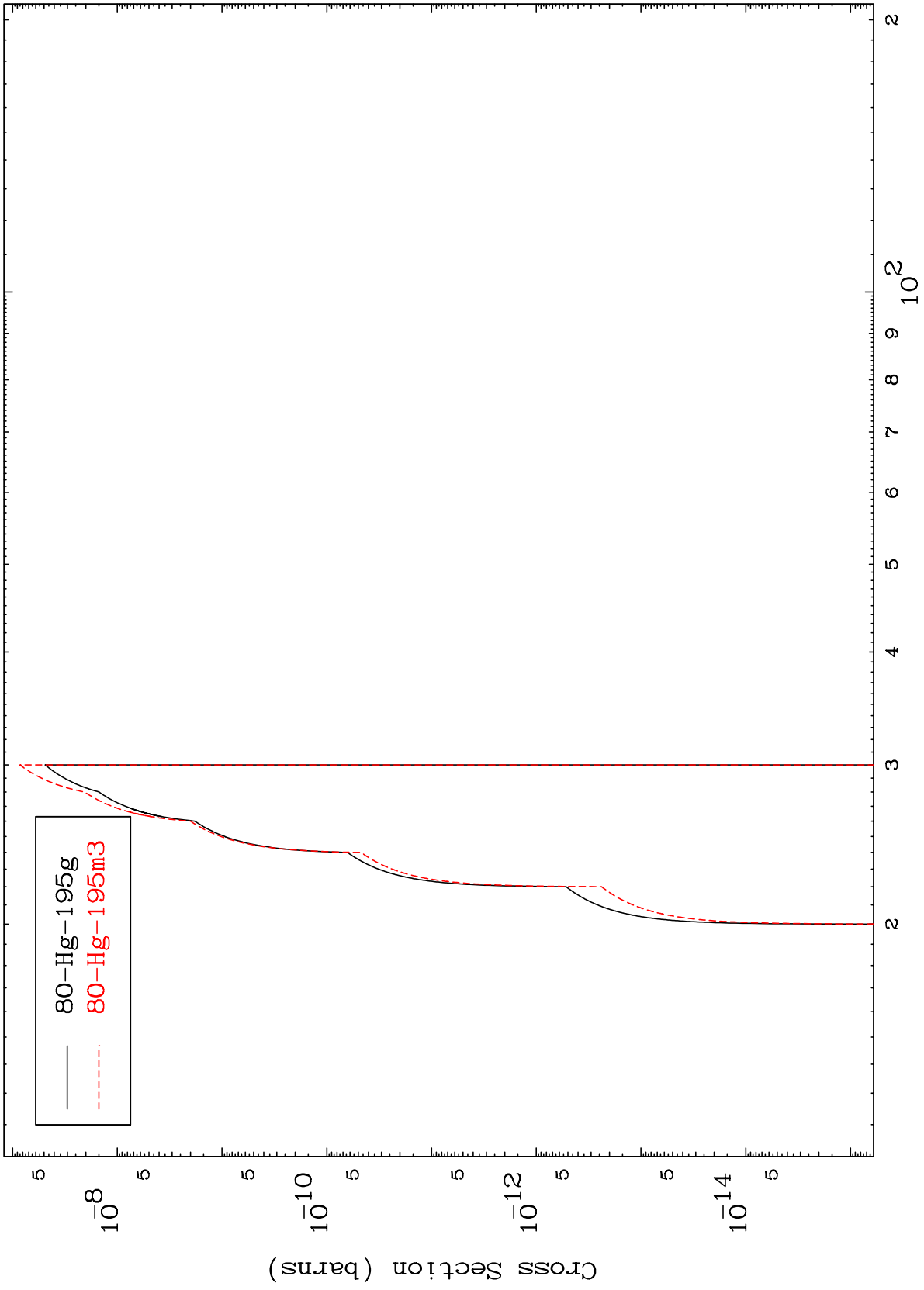
81-Tl-198

MAT 8110

(p,p) t

81-Tl-198

Radionuclide Production Cross Section



31

Incident Energy (MeV)

81-Tl-198

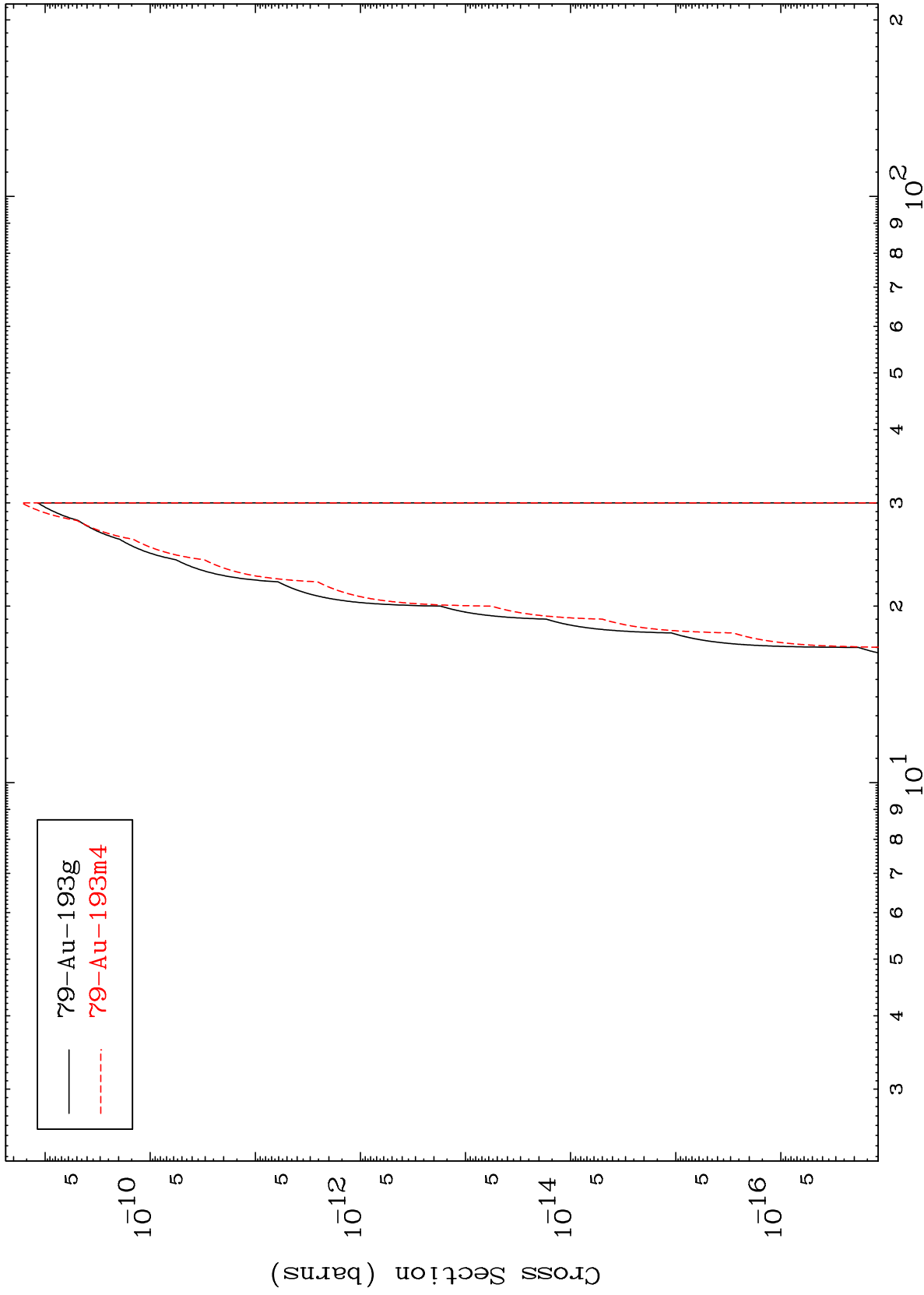


MAT 8110

(p,d)  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



32

Incident Energy (MeV)

81-Tl-198