

Program EVALPLOT  
(Version 2021-1)

by

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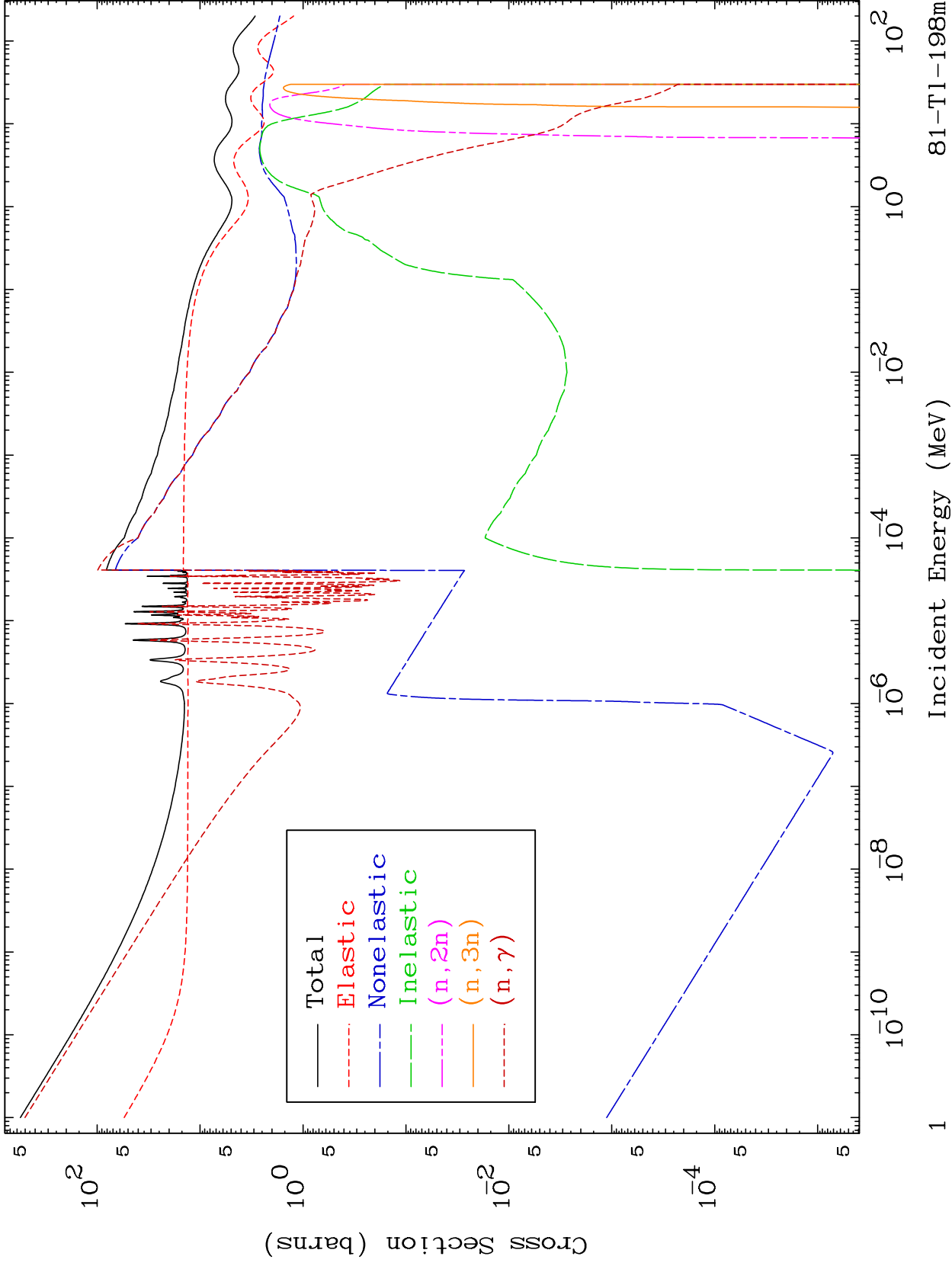
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8111

Neutron Major  
293 Kelvin Cross Sections

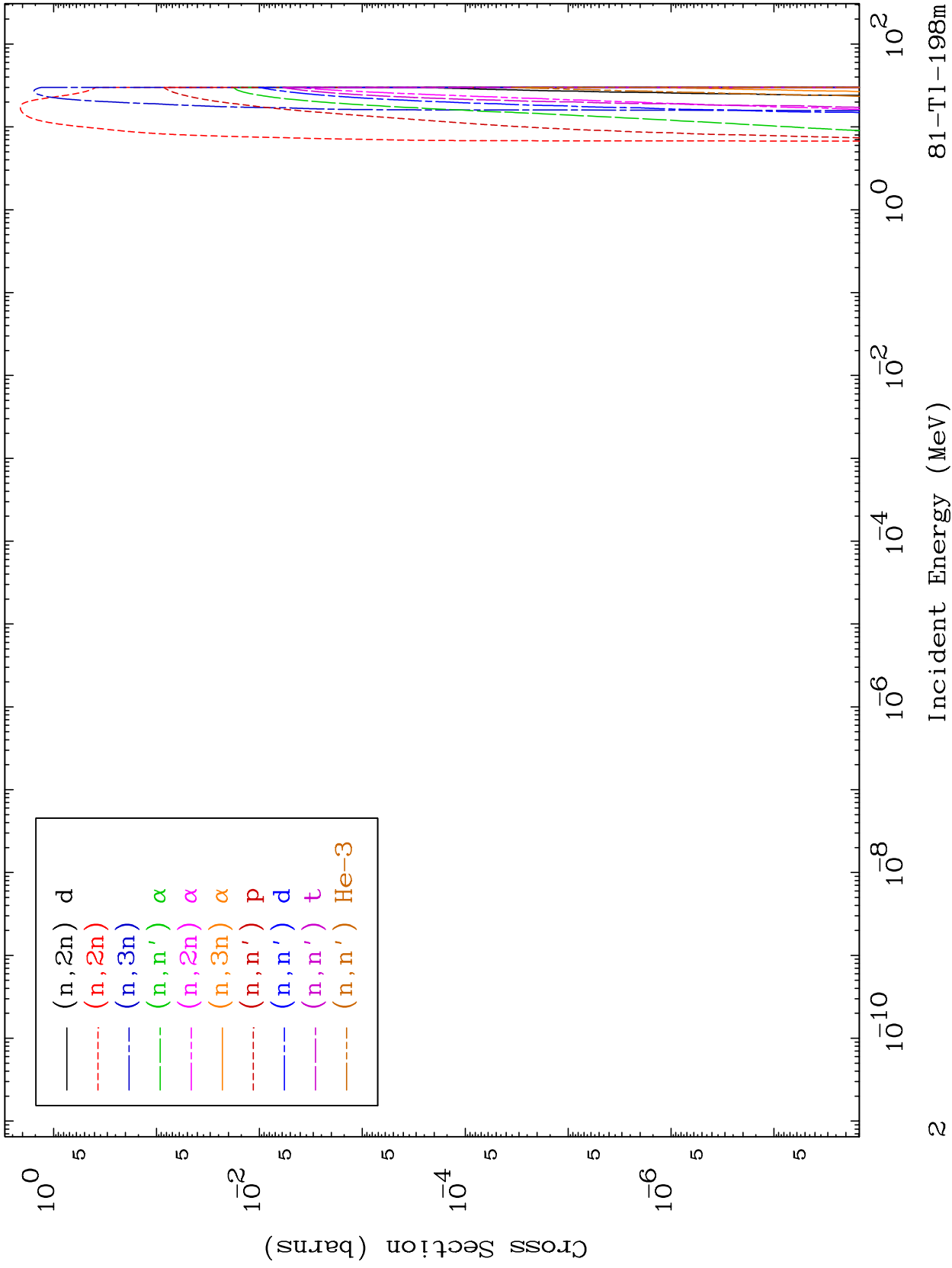
81-TI-198m



MAT 8111

Neutron Absorption  
293 Kelvin Cross Sections

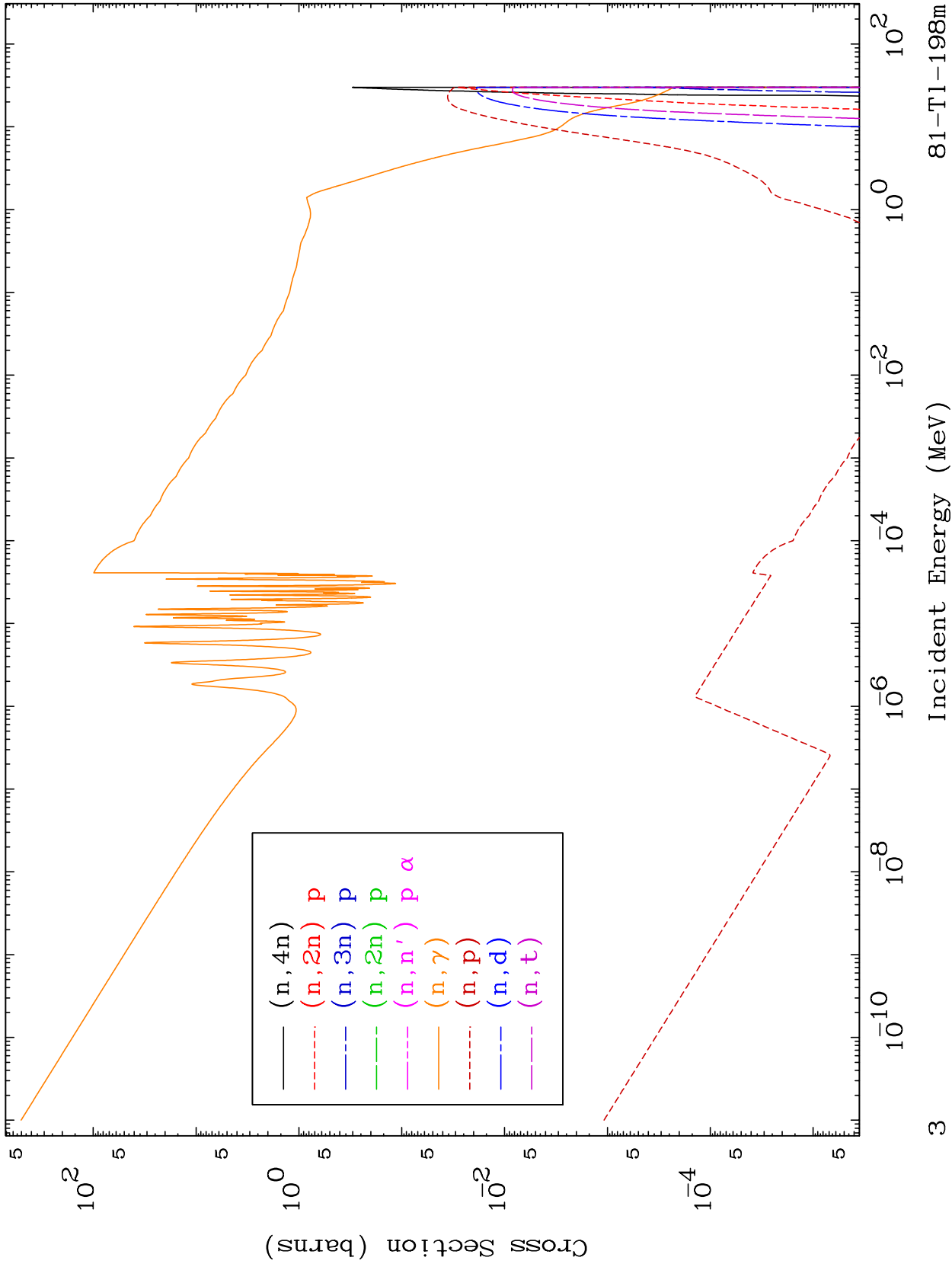
81-Tl-198m



MAT 81111

Neutron Absorption  
293 Kelvin Cross Sections

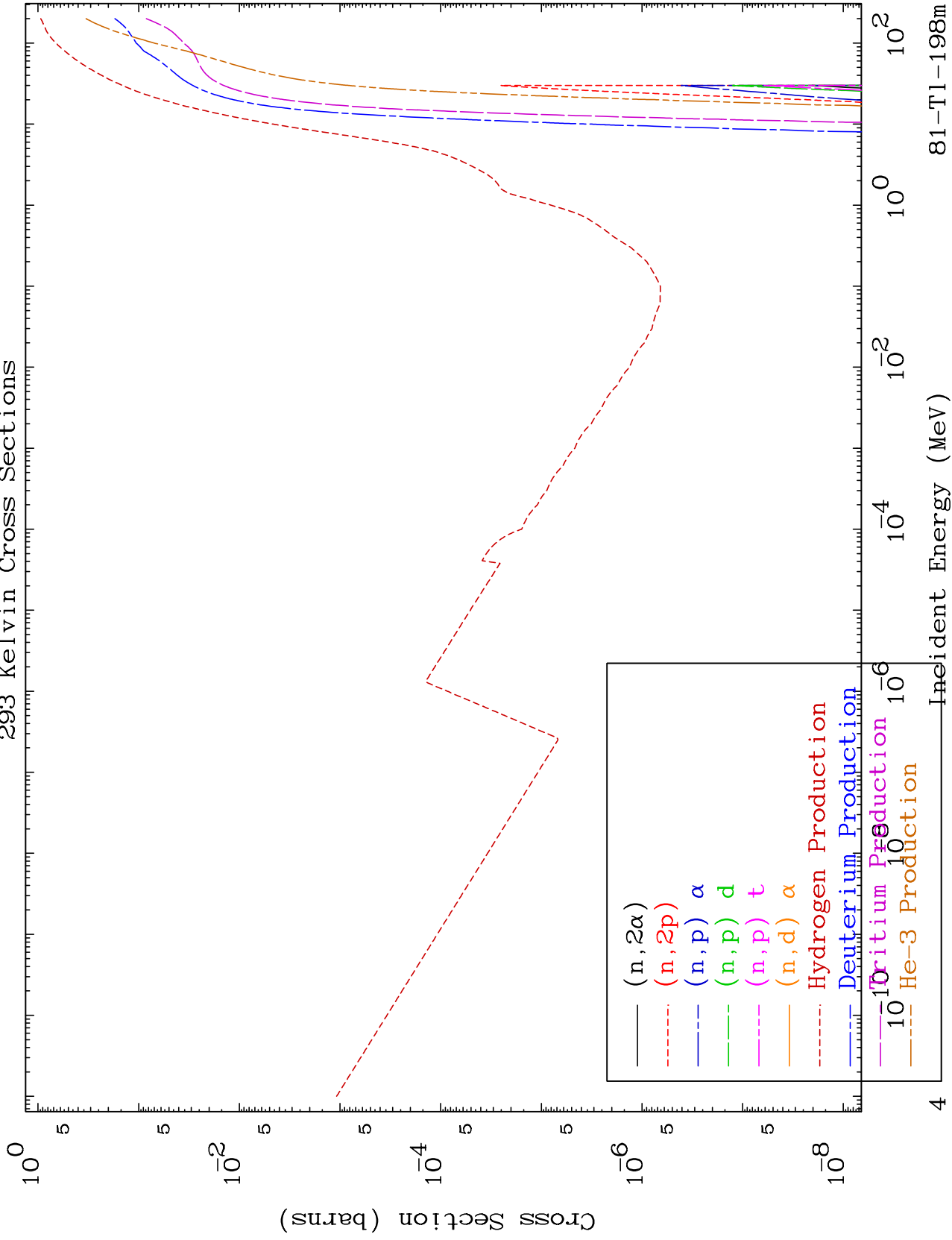
81-TI-198m



MAT 81111

Neutron Absorption  
293 Kelvin Cross Sections

81-TI-198m



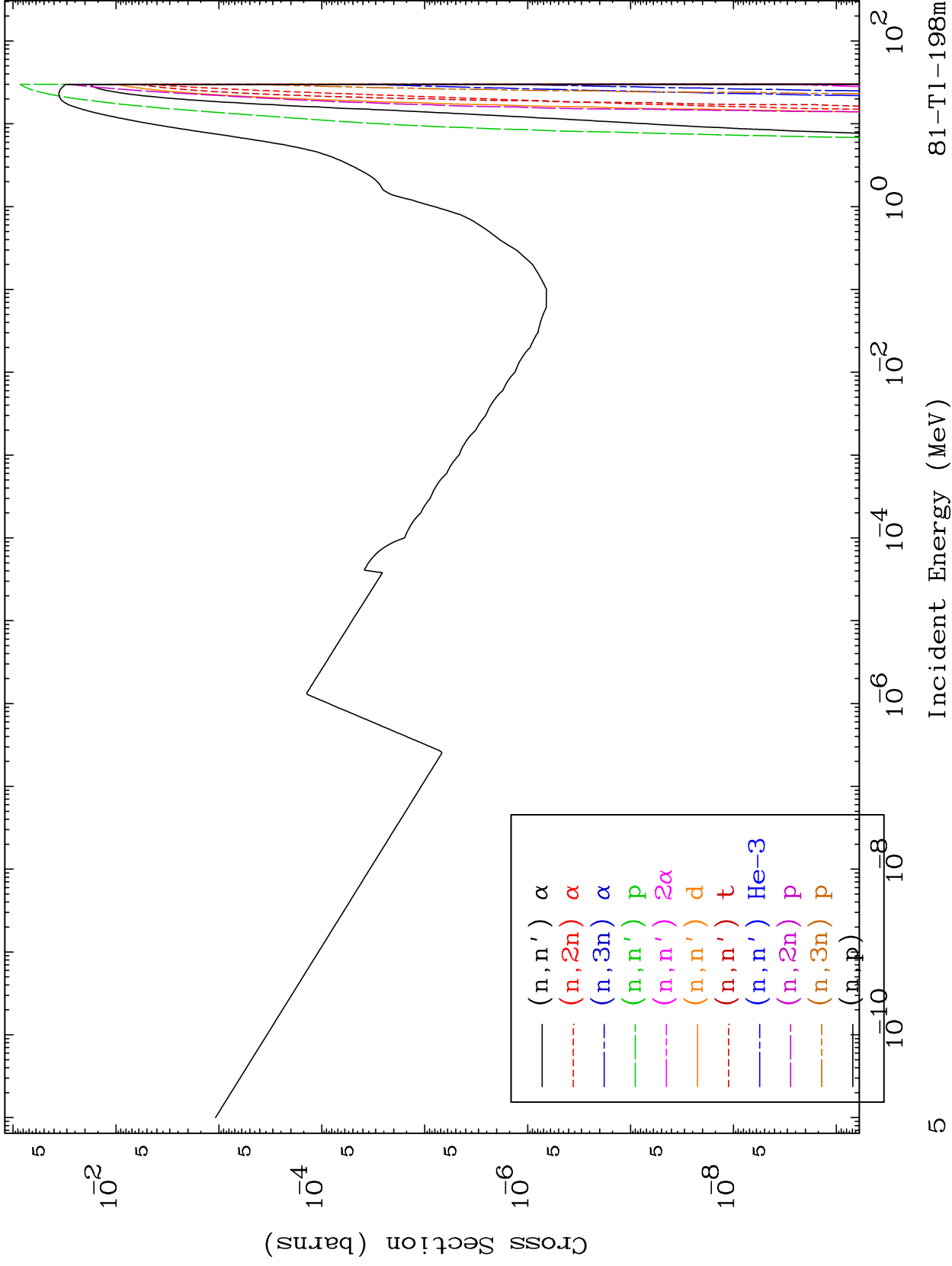
Incident Energy (MeV)

81-TI-198m

MAT 81111

Charged Particle  
293 Kelvin Cross Sections

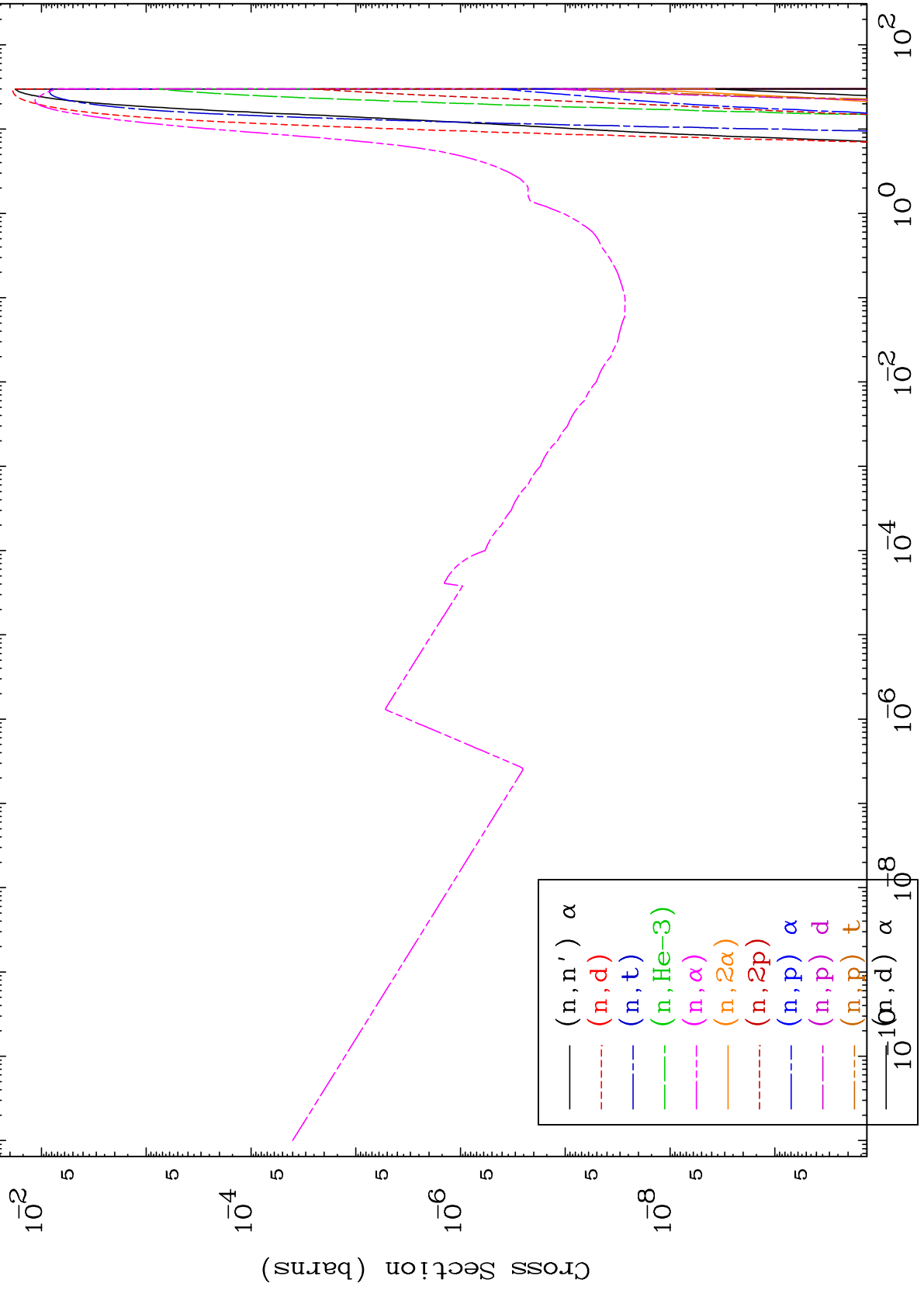
81-Tl-198m



MAT 8111

Charged Particle  
293 Kelvin Cross Sections

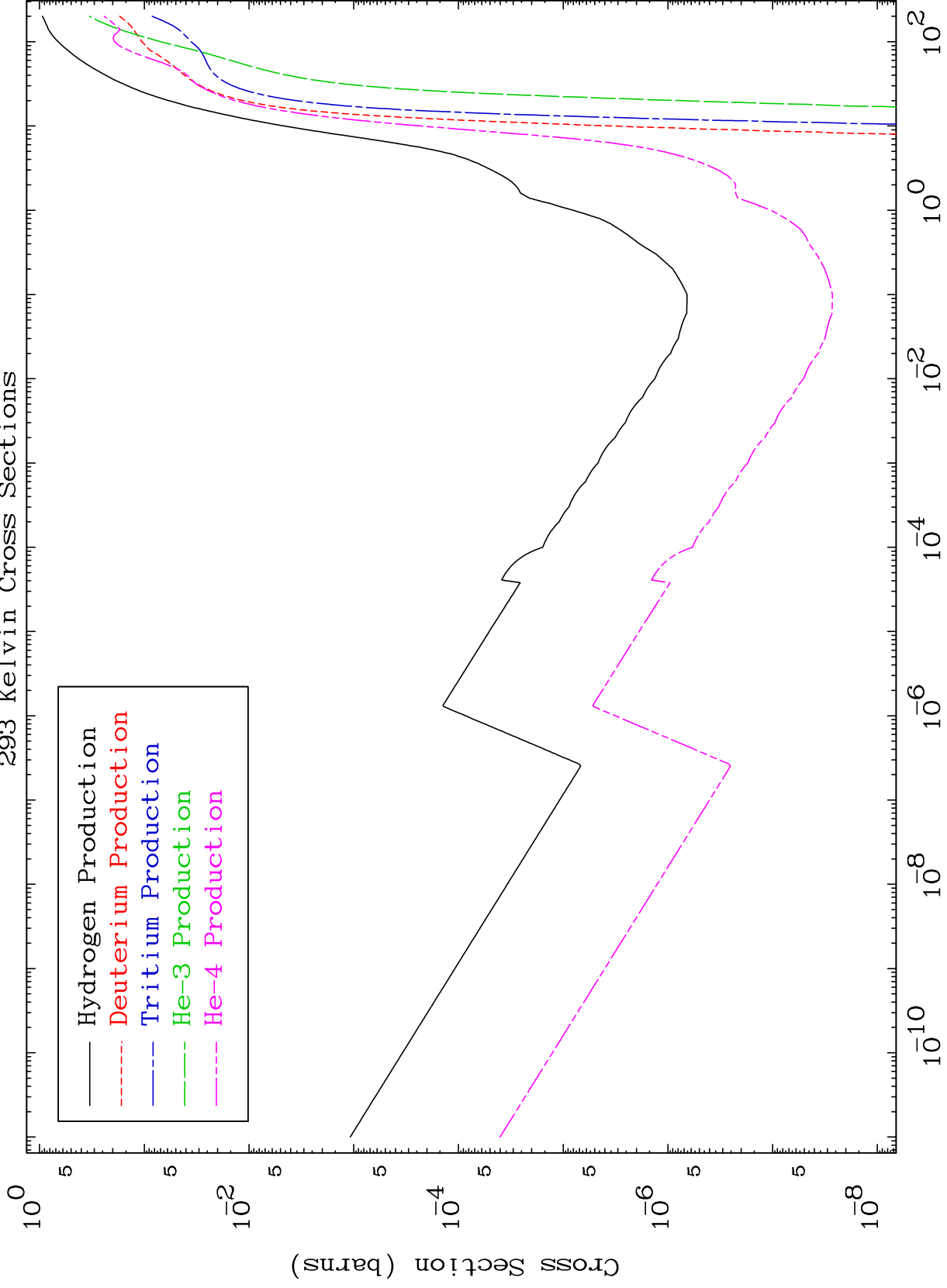
81-Tl-198m



MAT 8111

Particle Production  
293 Kelvin Cross Sections

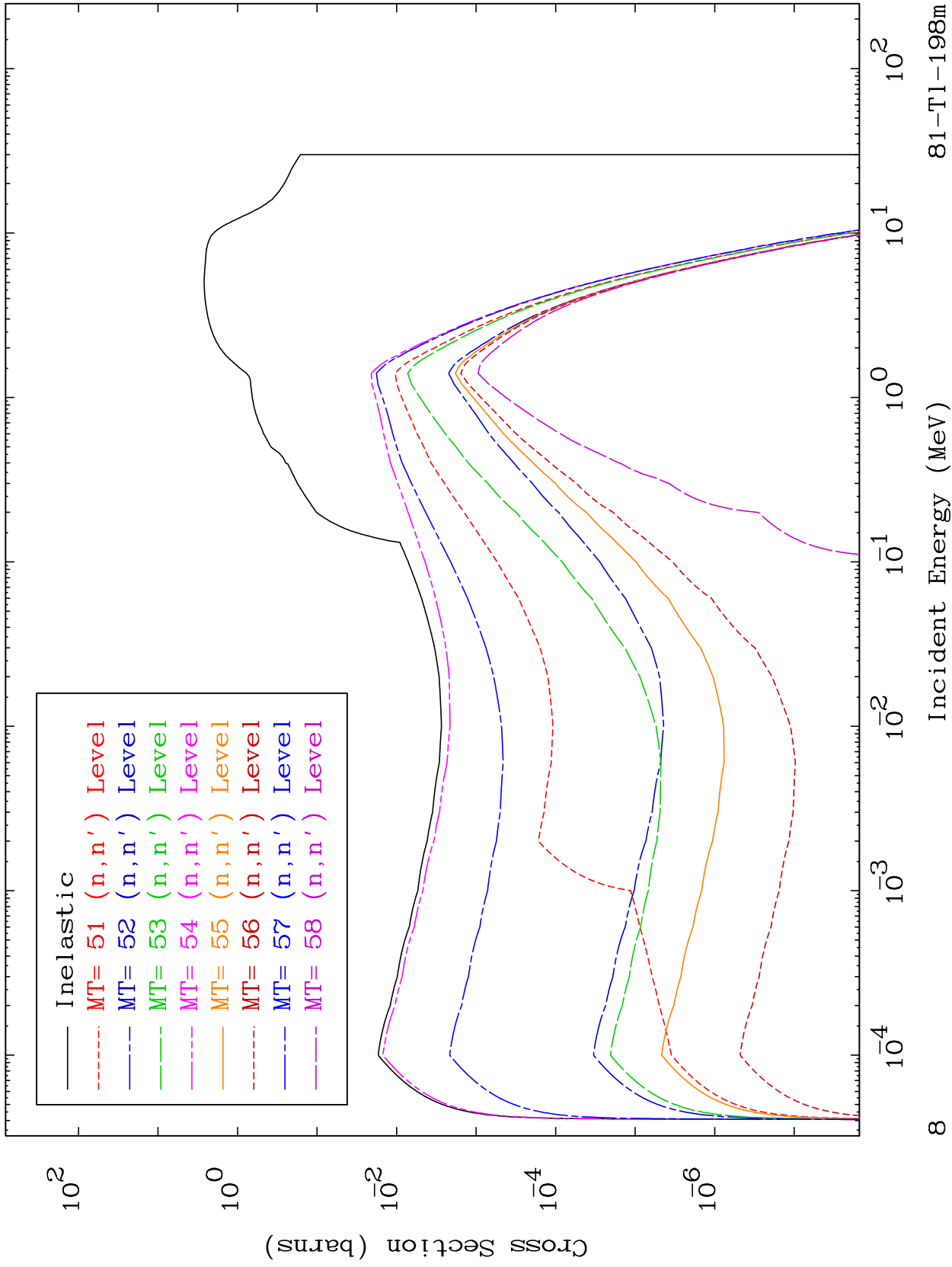
81-Tl-198m



MAT 81111

(n,n') Levels  
293 Kelvin Cross Sections

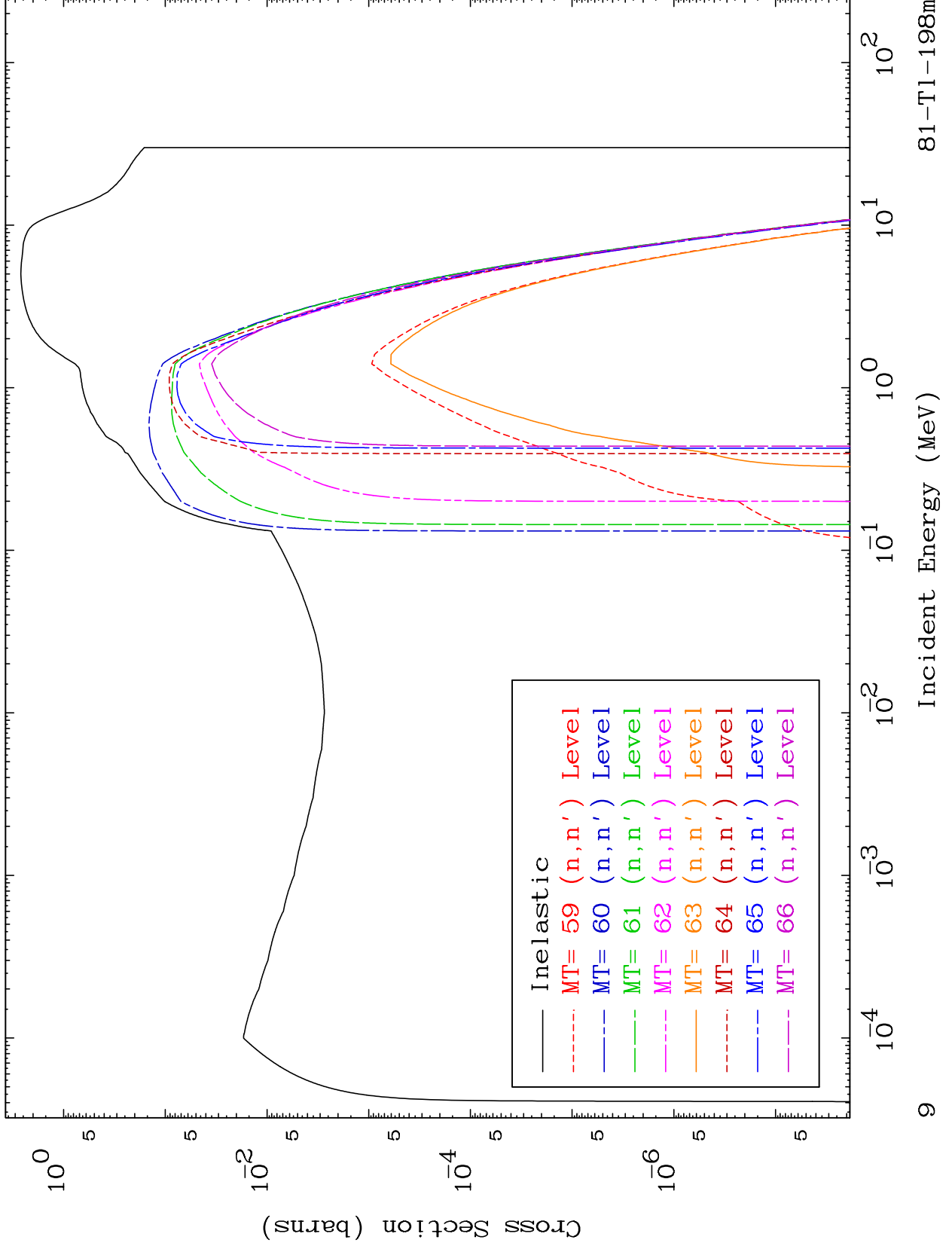
81-TI-198m



MAT 81111

(n,n') Levels  
293 Kelvin Cross Sections

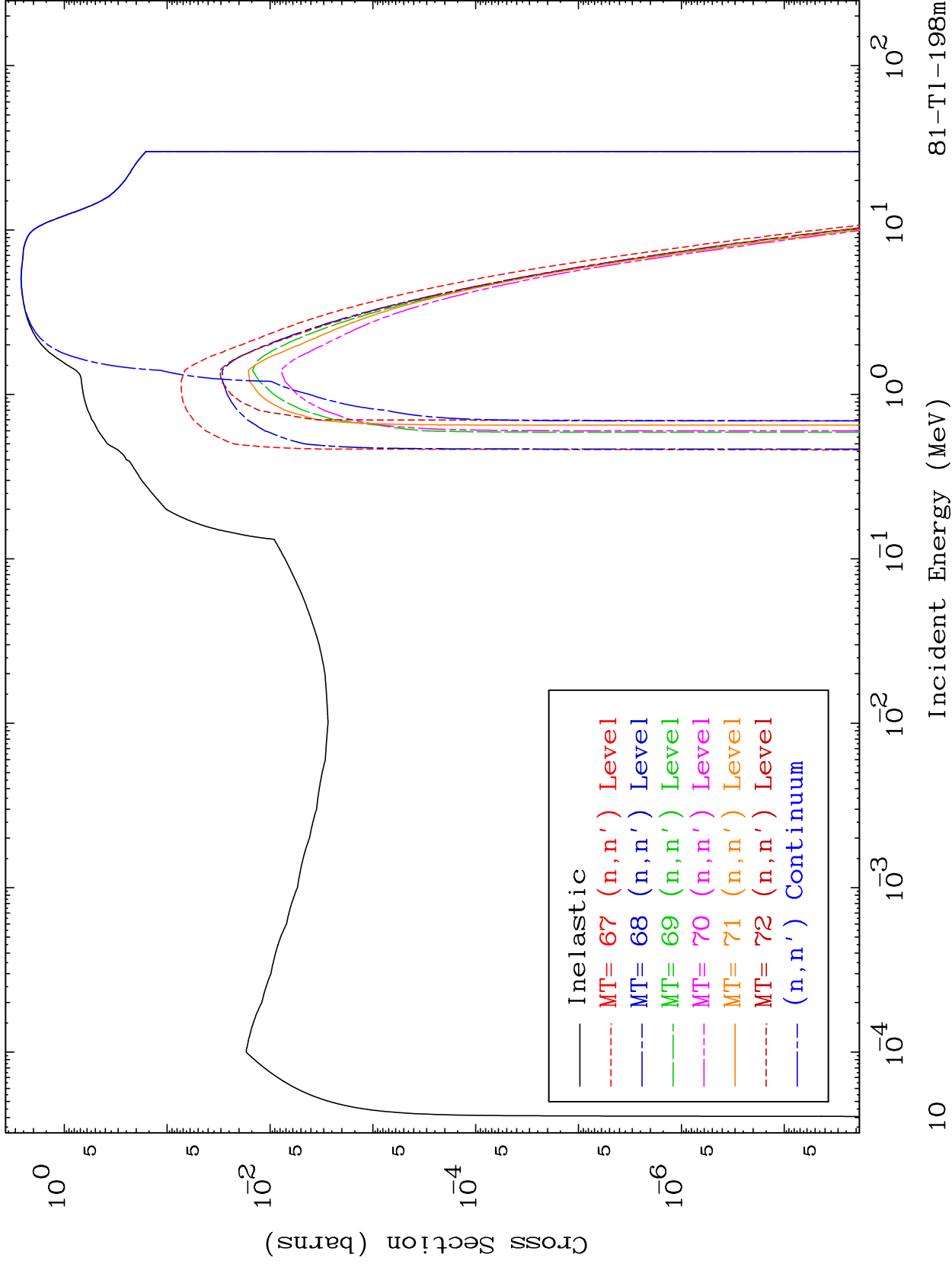
81-TI-198m



MAT 81111

(n,n') Levels  
293 Kelvin Cross Sections

81-TI-198m



10

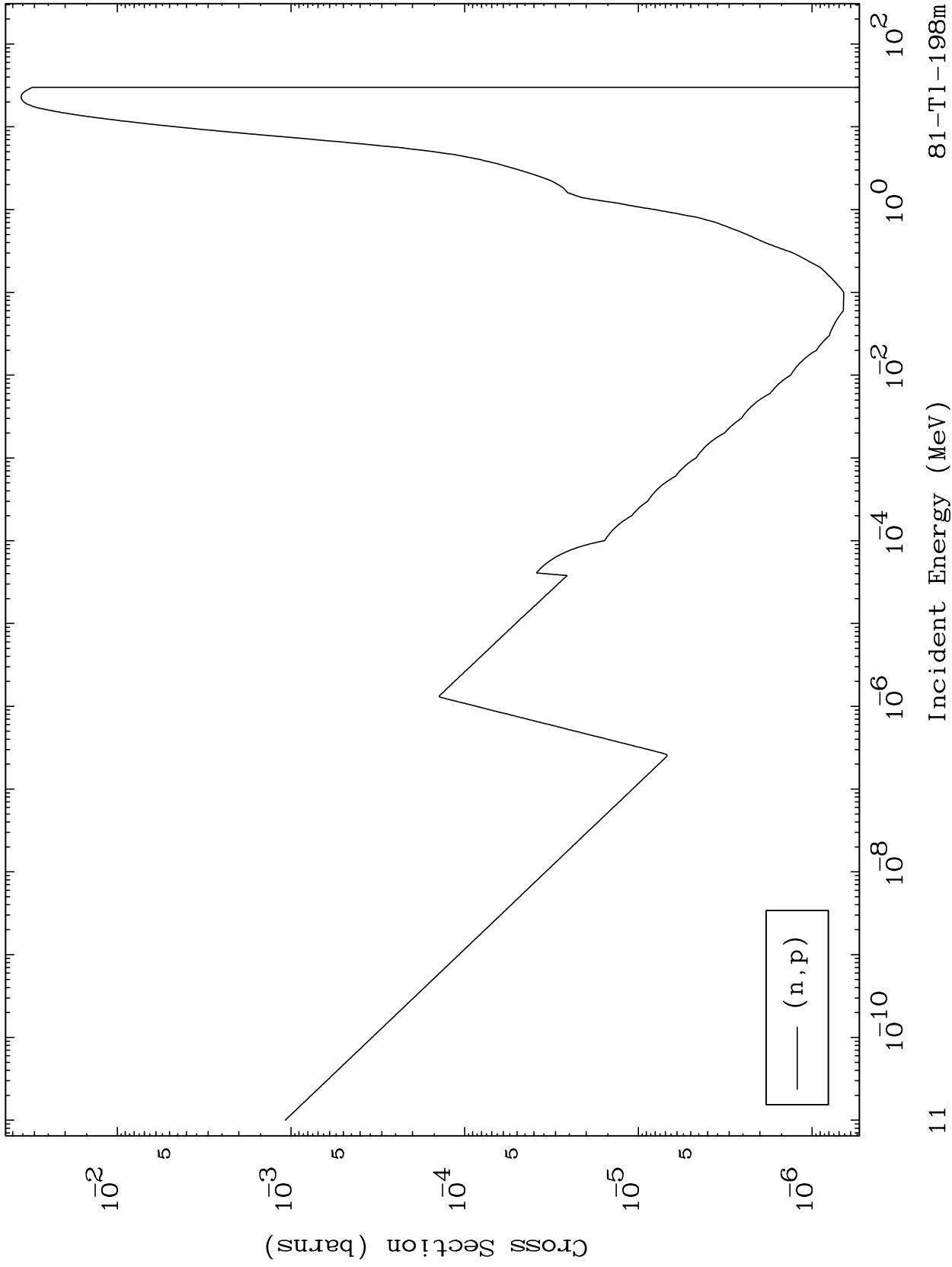
Incident Energy (MeV)

81-TI-198m

MAT 81111

(n,p) Levels  
293 Kelvin Cross Sections

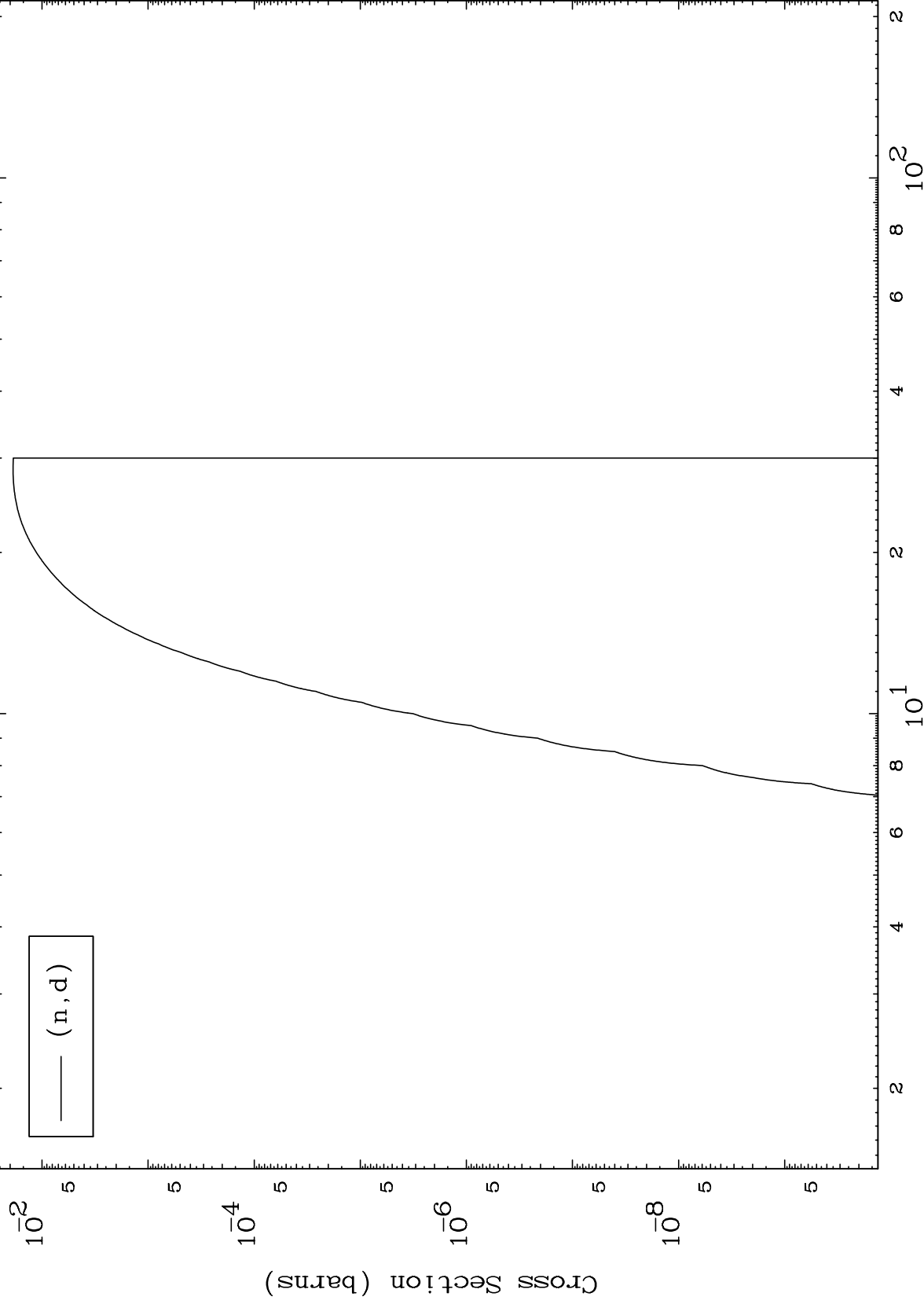
81-Tl-198m



MAT 81111

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-198m



12

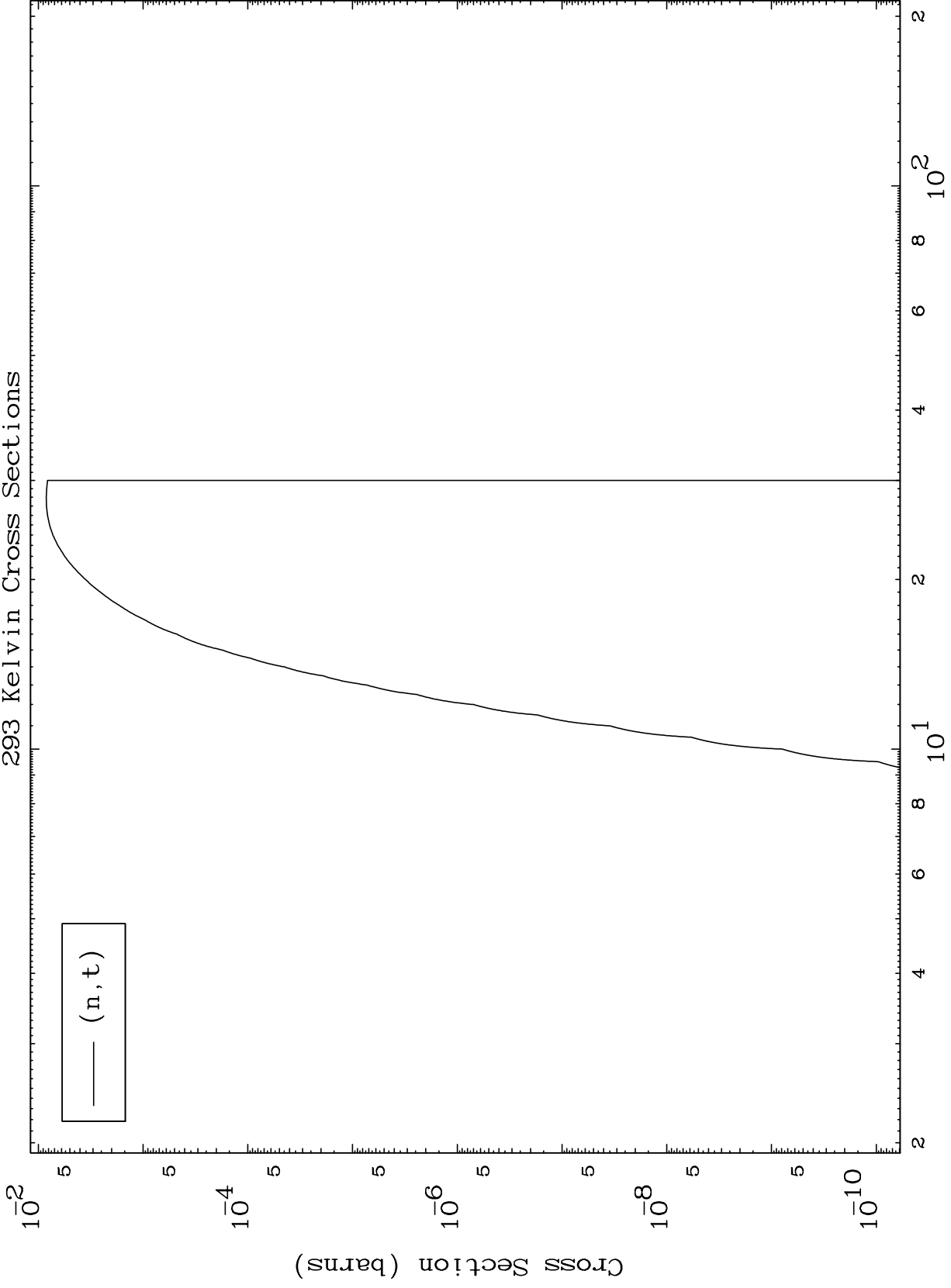
Incident Energy (MeV)

81-Tl-198m

MAT 81111

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-198m



13

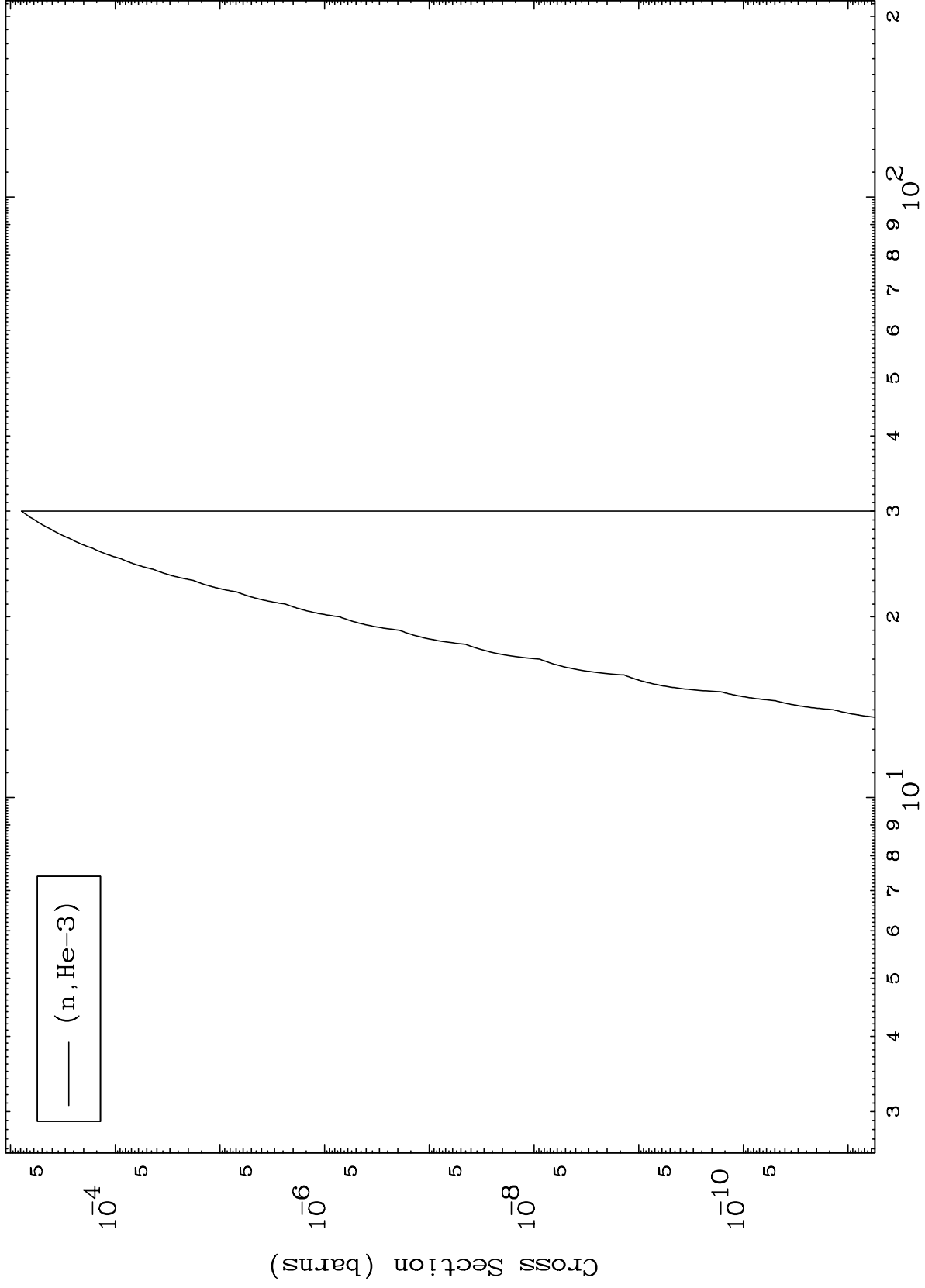
Incident Energy (MeV)

81-Tl-198m

MAT 81111

(n,He3) Levels  
293 Kelvin Cross Sections

81-Tl-198m



14

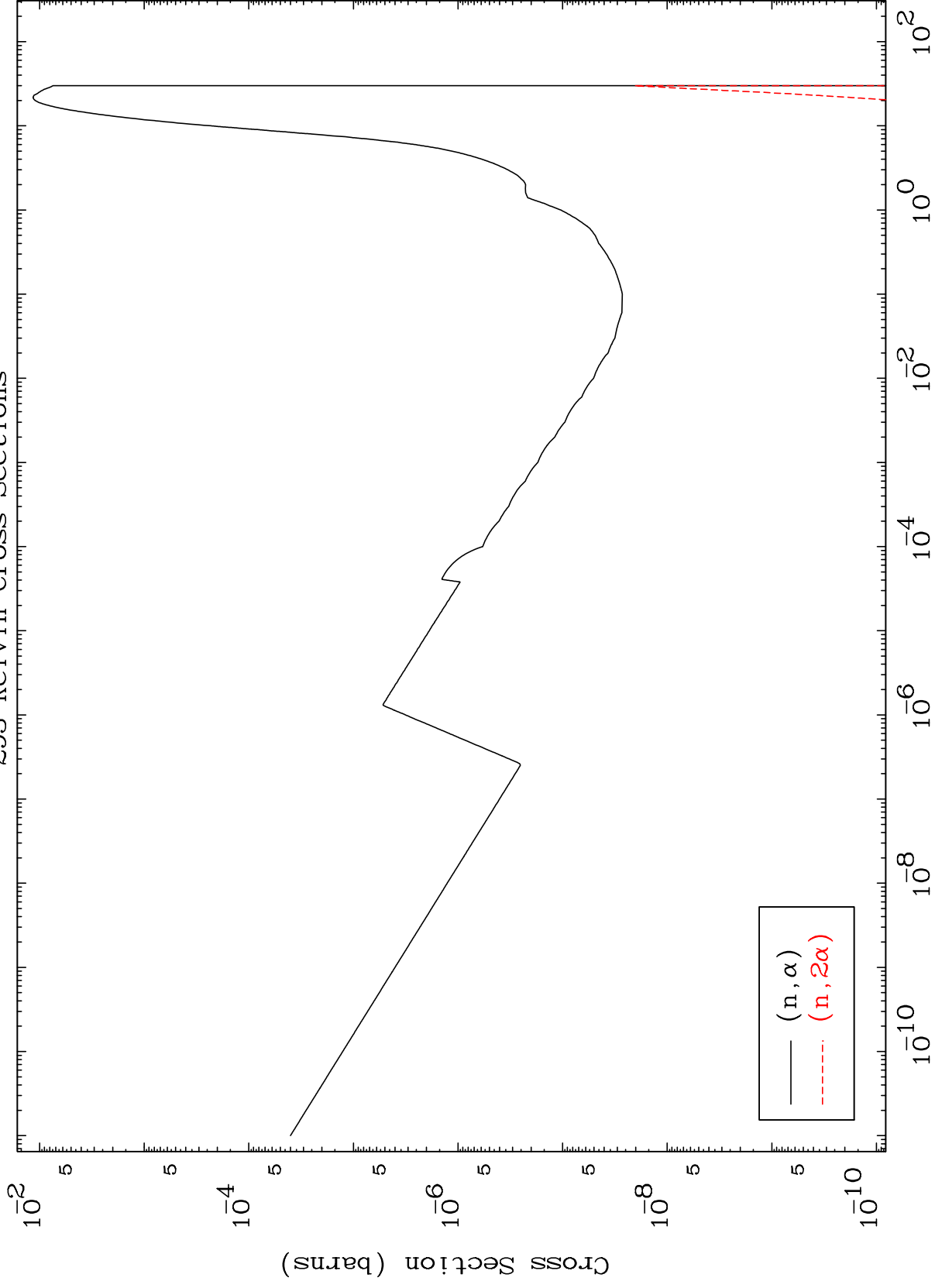
Incident Energy (MeV)

81-Tl-198m

MAT 81111

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

81-Tl-198m



Incident Energy (MeV)

81-Tl-198m

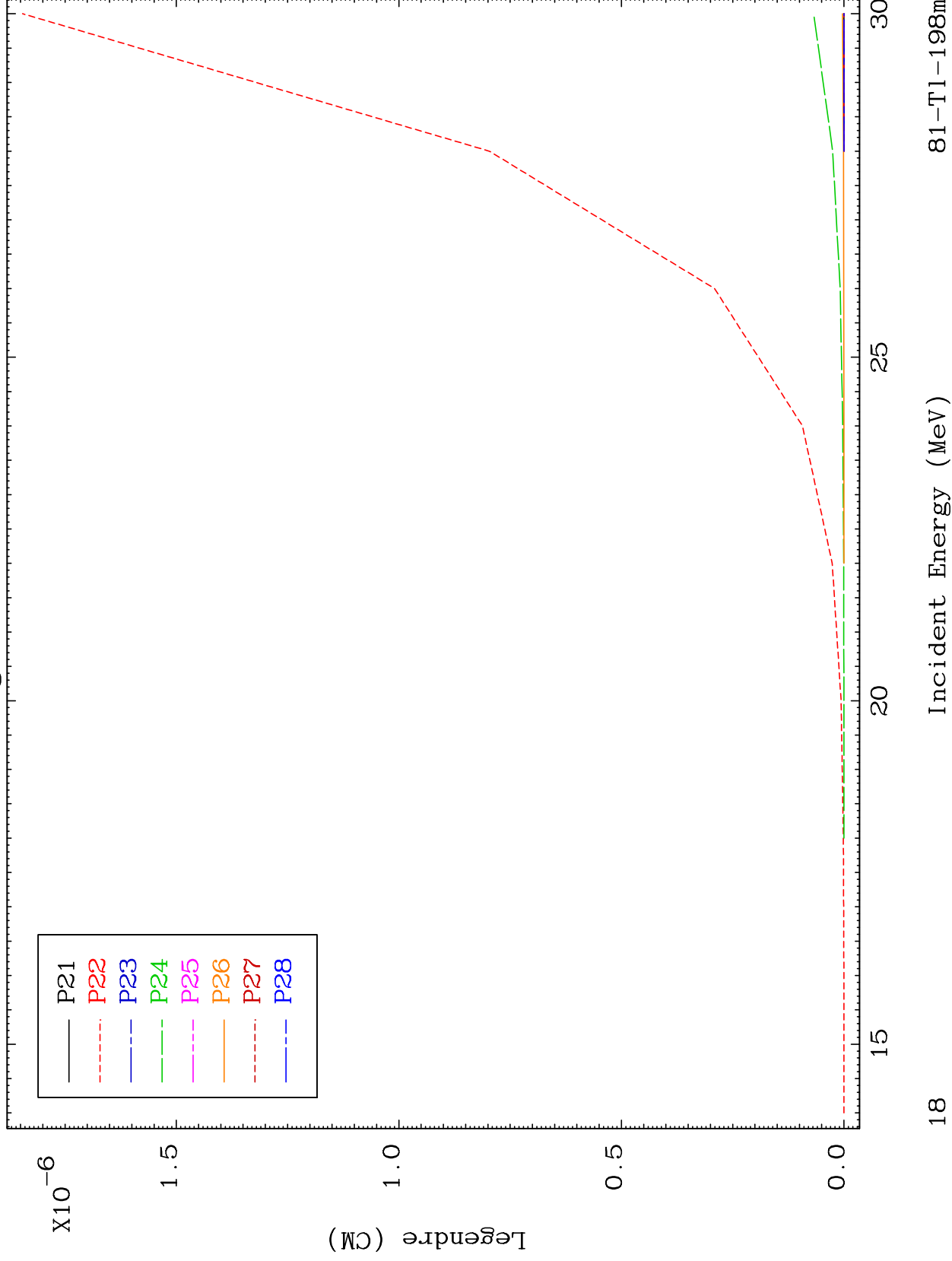




MAT 8111

Elastic  
Legendre Coefficients

81-TI-198m



18

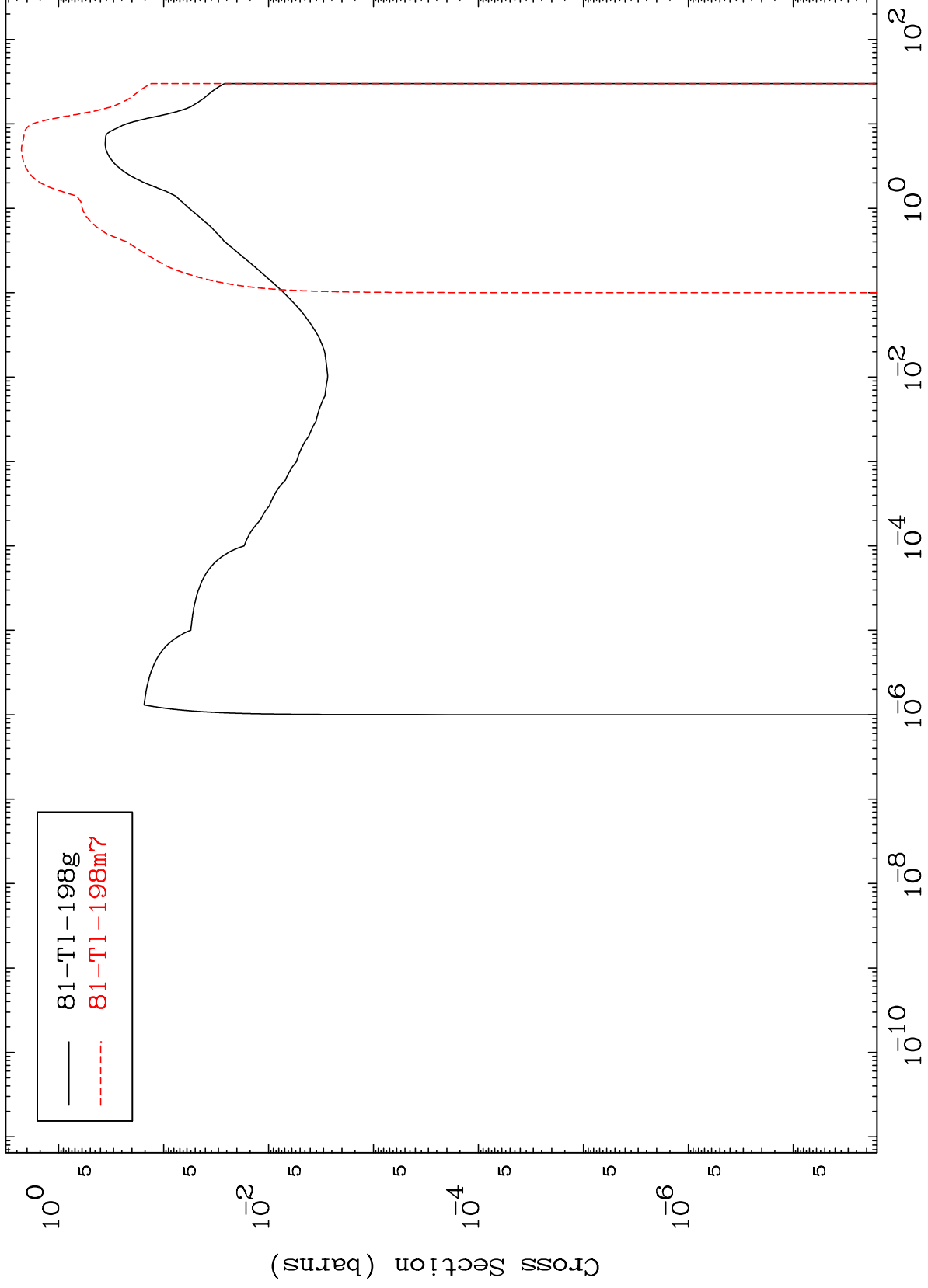
Incident Energy (MeV)

81-TI-198m

MAT 81111

Inelastic  
Radionuclide Production Cross Section

81-Tl-198m

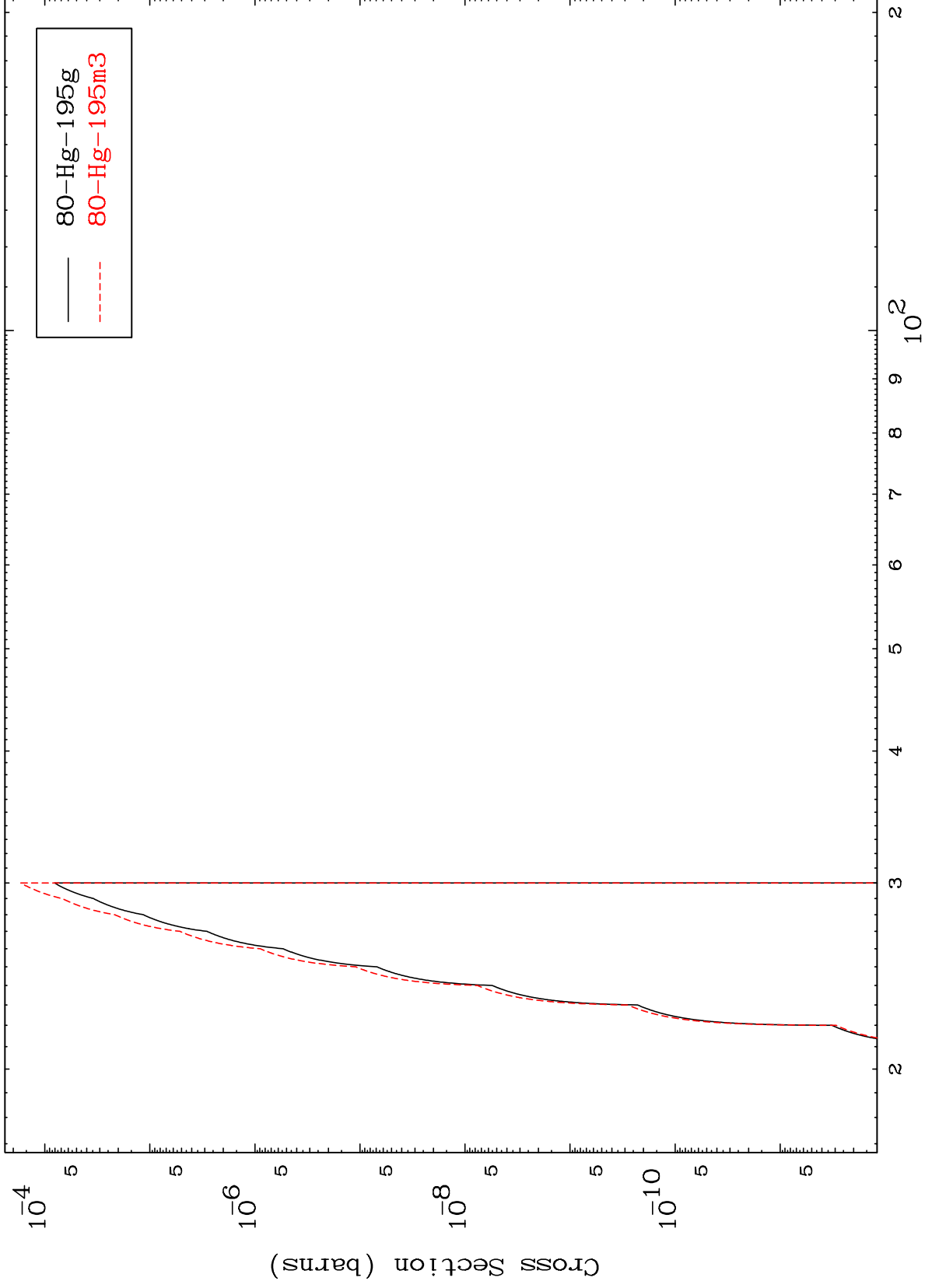


MAT 81111

(n,2n) d

81-Tl-198m

Radionuclide Production Cross Section



20

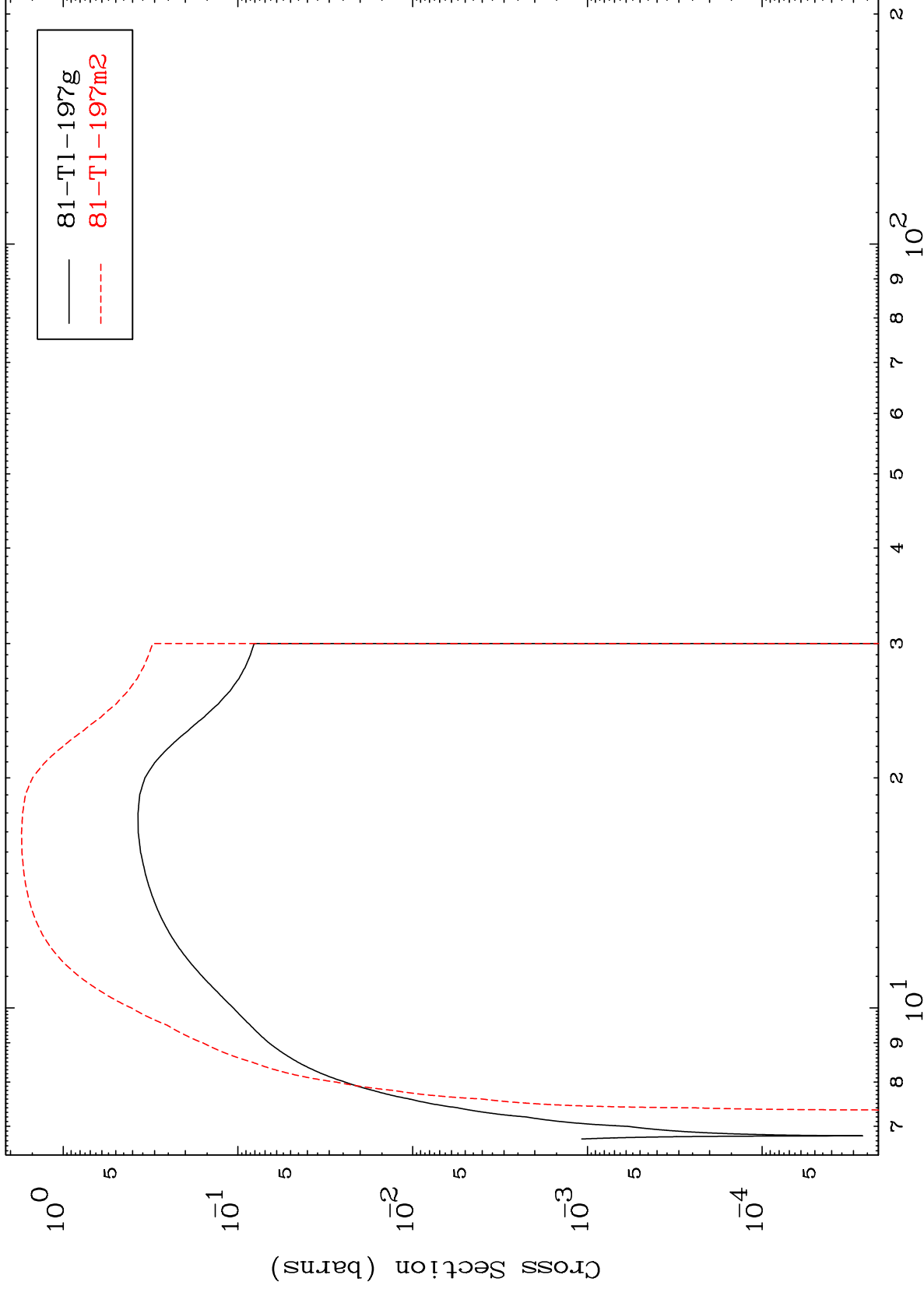
Incident Energy (MeV)

81-Tl-198m

MAT 81111

81-Tl-198m

(n,2n)  
Radionuclide Production Cross Section



21

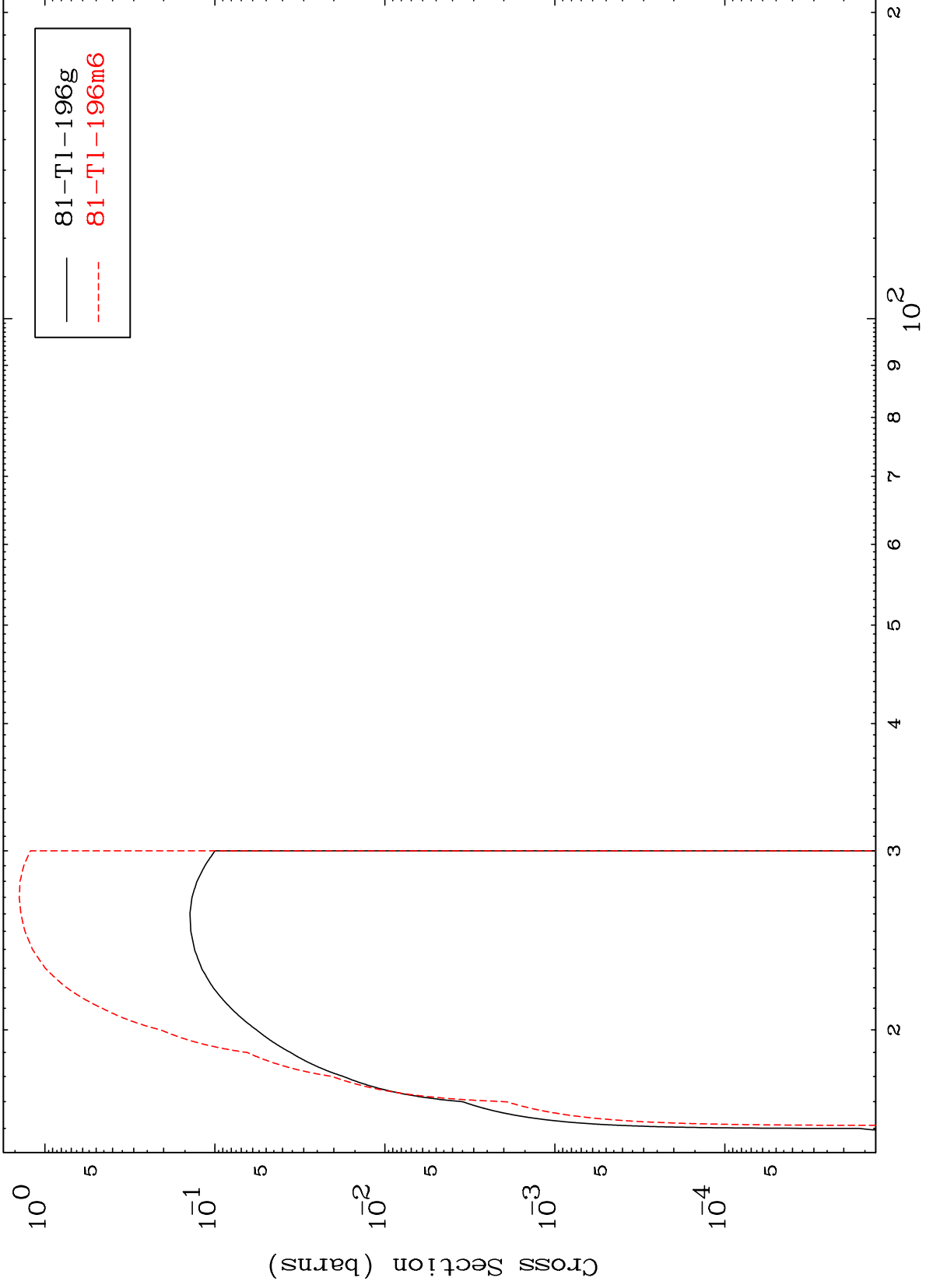
Incident Energy (MeV)

81-Tl-198m

MAT 81111

81-Tl-198m

(n,3n)  
Radionuclide Production Cross Section



22

Incident Energy (MeV)

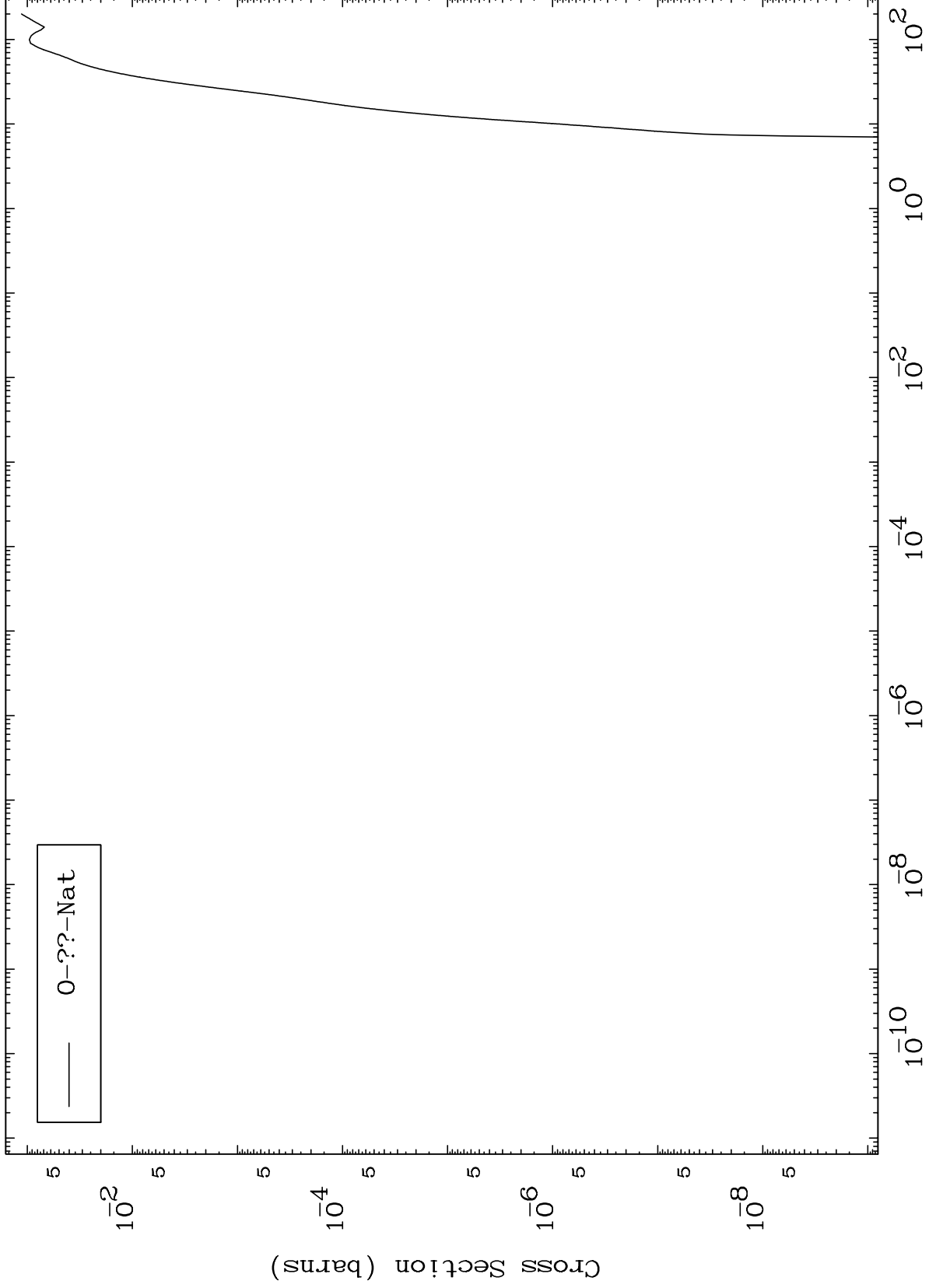
81-Tl-198m

MAT 81111

Fission

81-Tl-198m

Radionuclide Production Cross Section

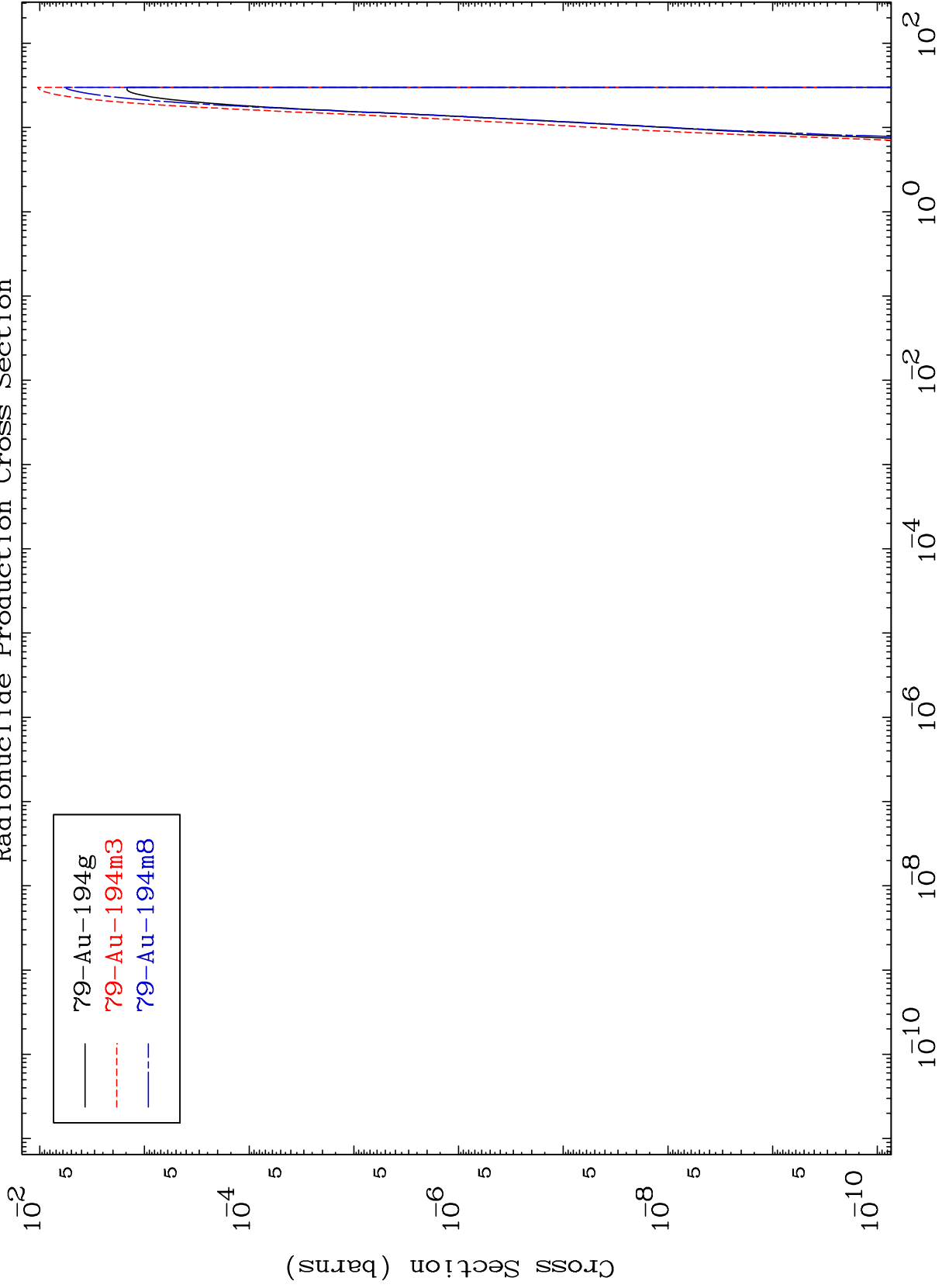


MAT 81111

$(n, n') \alpha$

81-Tl-198m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

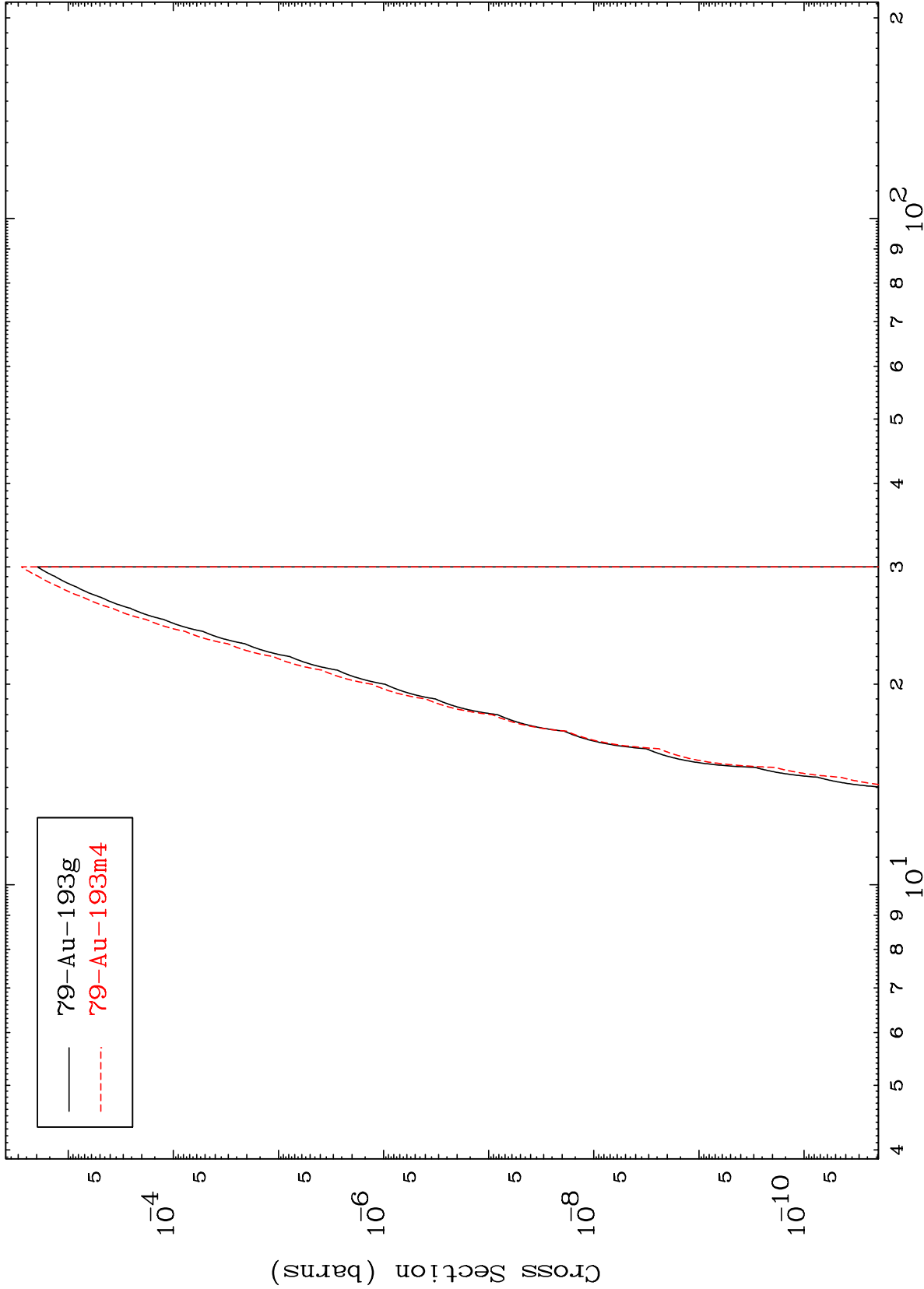
81-Tl-198m

MAT 8111

(n,2n)  $\alpha$

81-Tl-198m

Radionuclide Production Cross Section



25

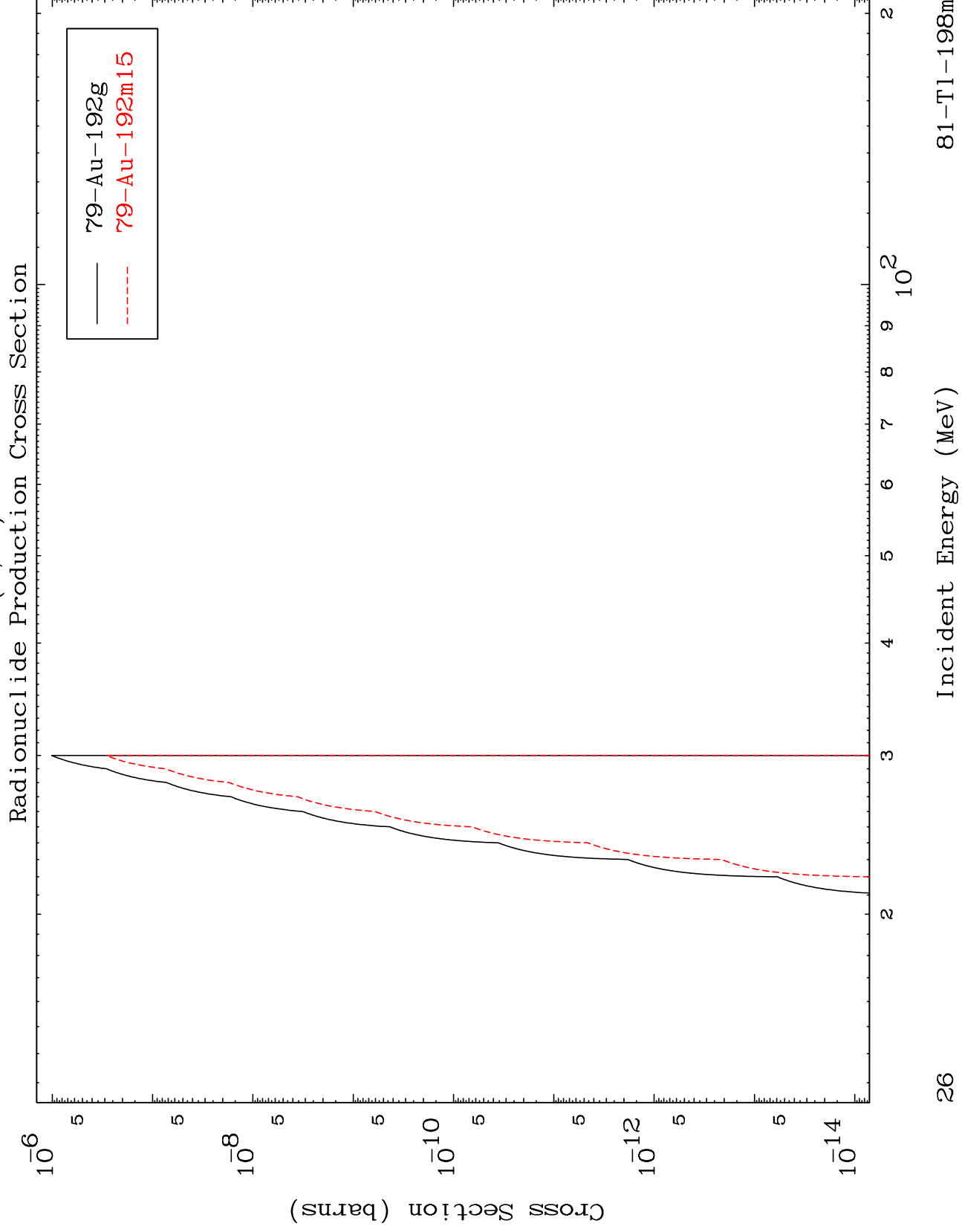
Incident Energy (MeV)

81-Tl-198m

MAT 81111

(n,3n)  $\alpha$

81-Tl-198m



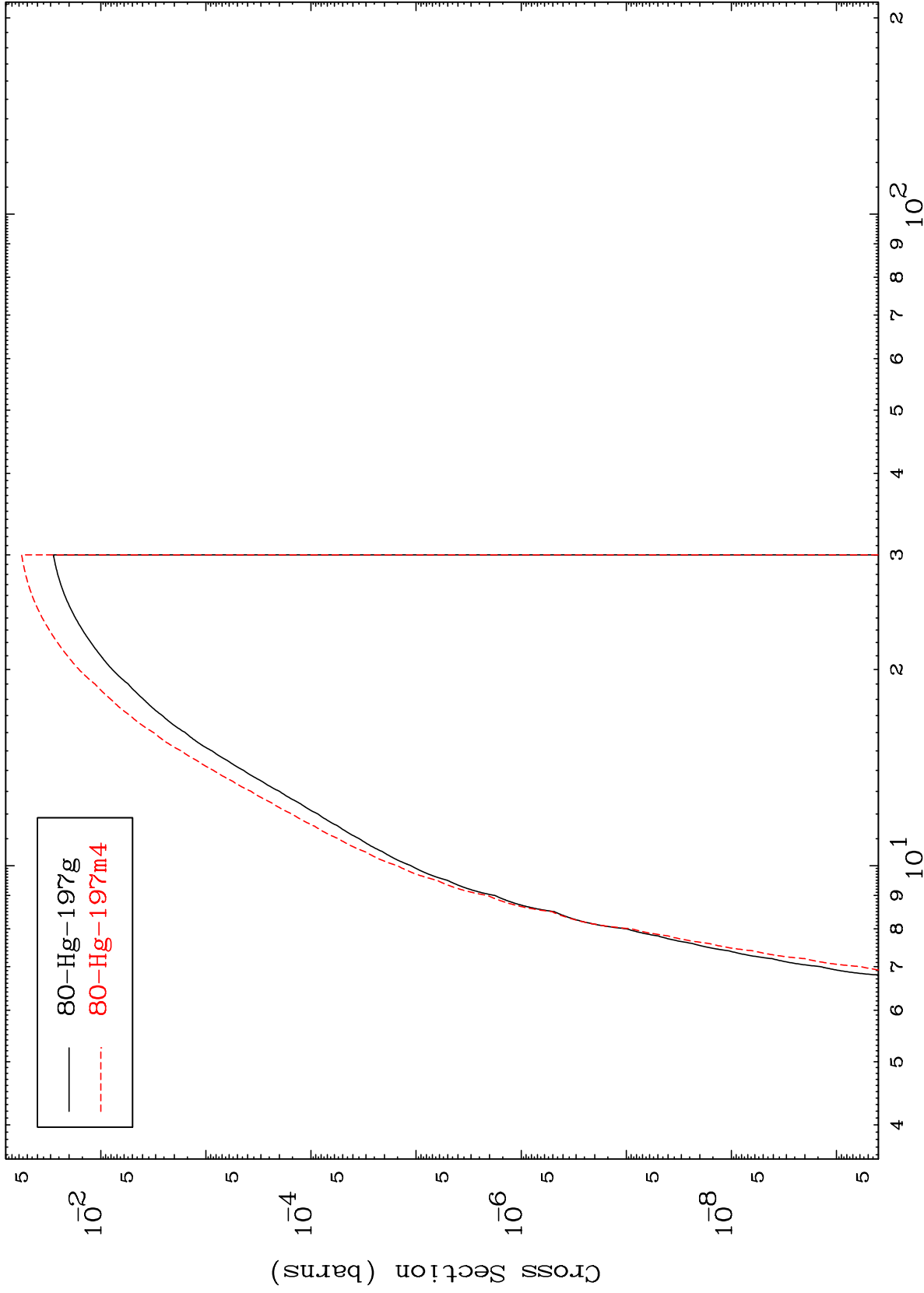
26

MAT 81111

(n,n') p

81-Tl-198m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

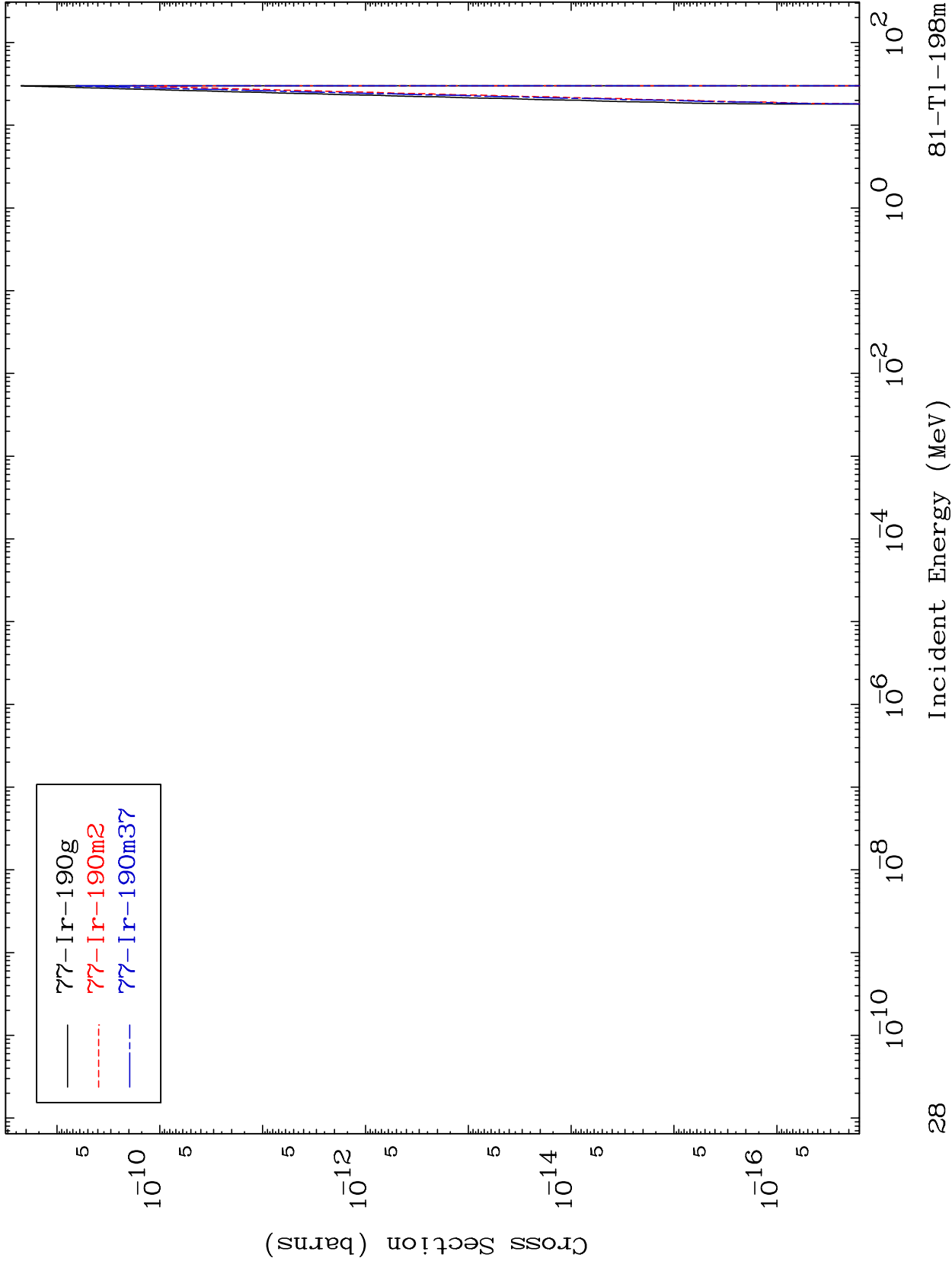
81-Tl-198m

MAT 81111

(n,n') 2α

81-Tl-198m

Radionuclide Production Cross Section

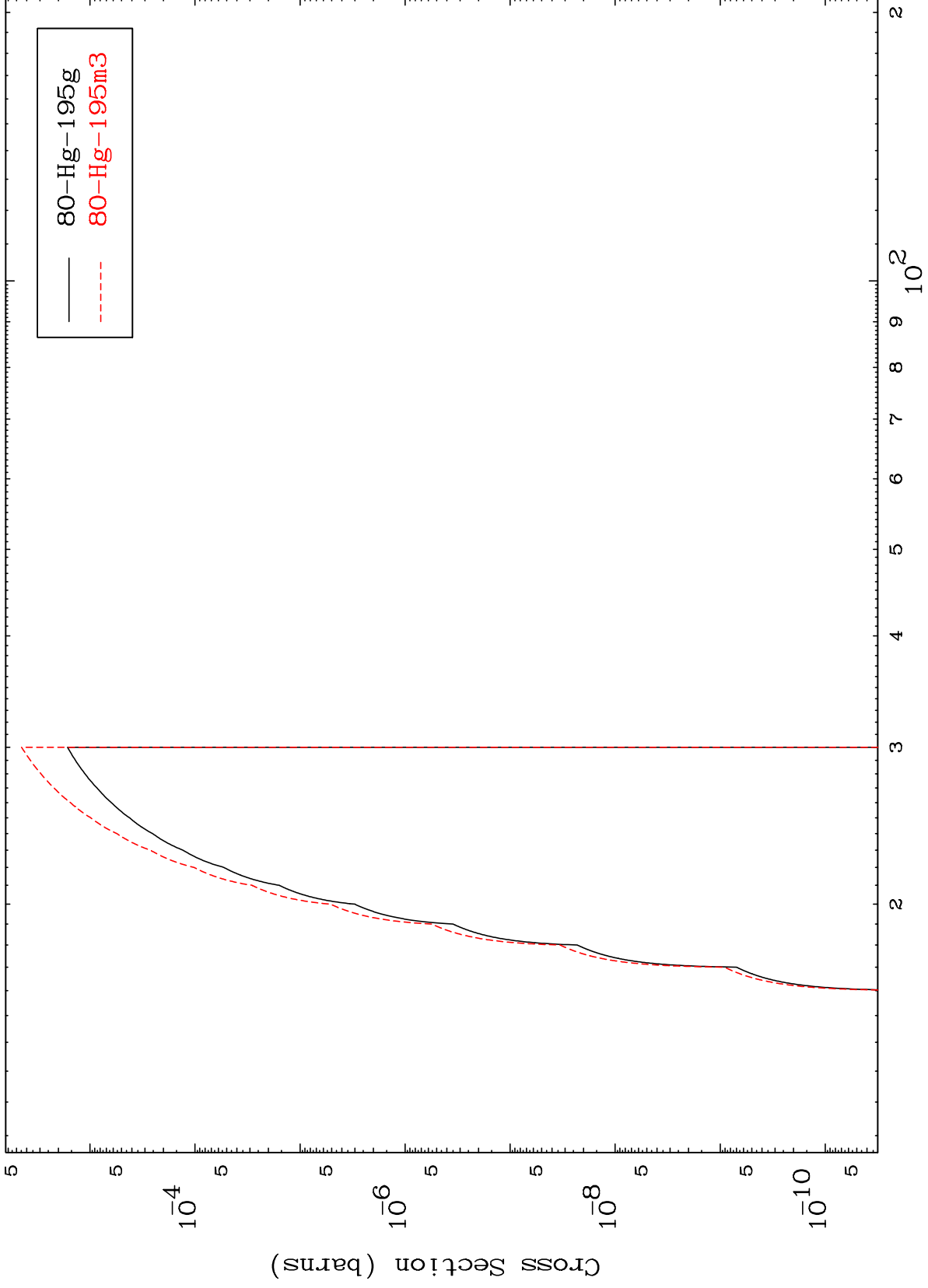


MAT 81111

(n,n') t

81-Tl-198m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

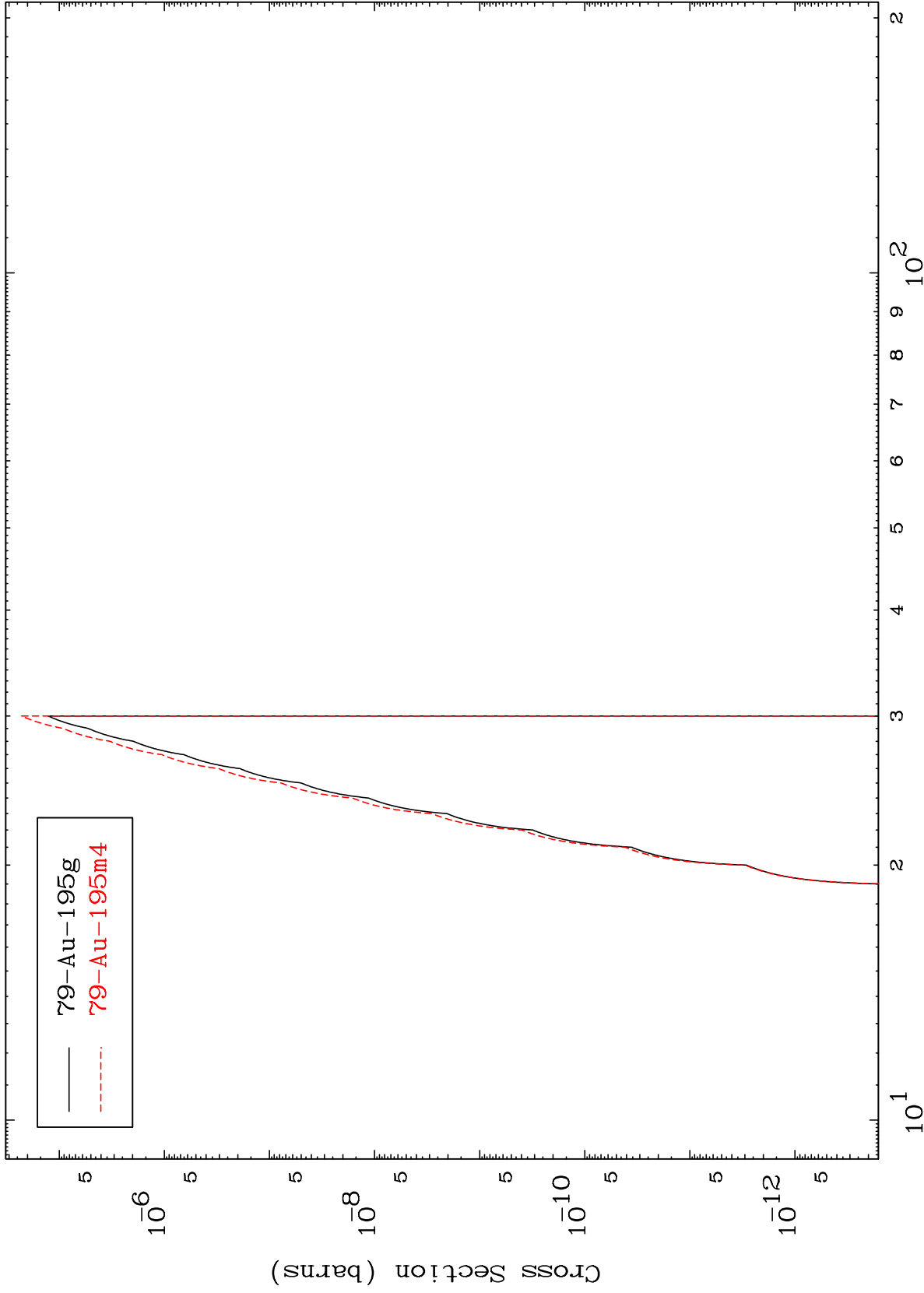
81-Tl-198m

MAT 8111

(n,n') He-3

81-TI-198m

Radionuclide Production Cross Section



30

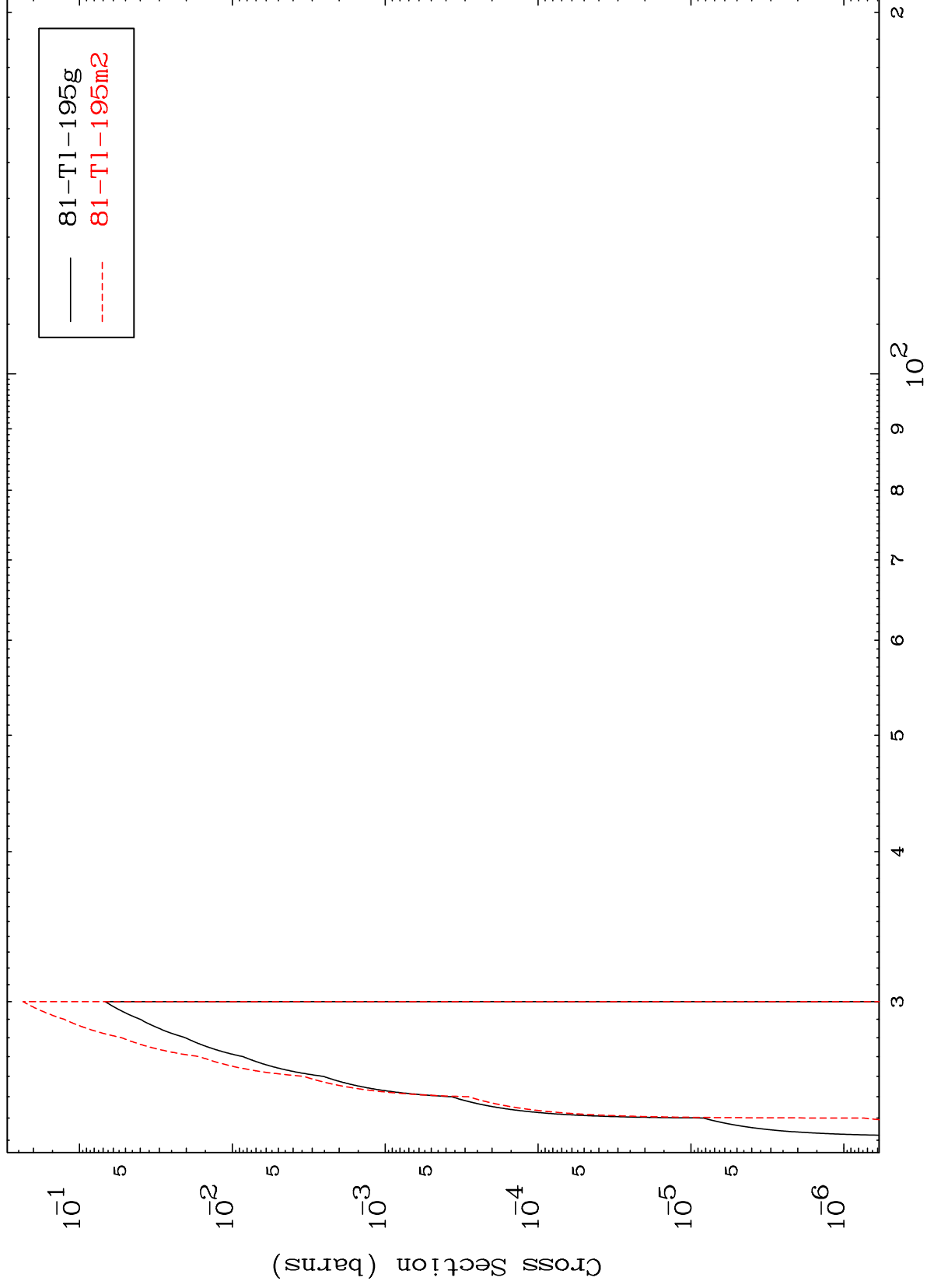
Incident Energy (MeV)

81-TI-198m

MAT 81111

81-Tl-198m

(n,4n)  
Radionuclide Production Cross Section



31

Incident Energy (MeV)

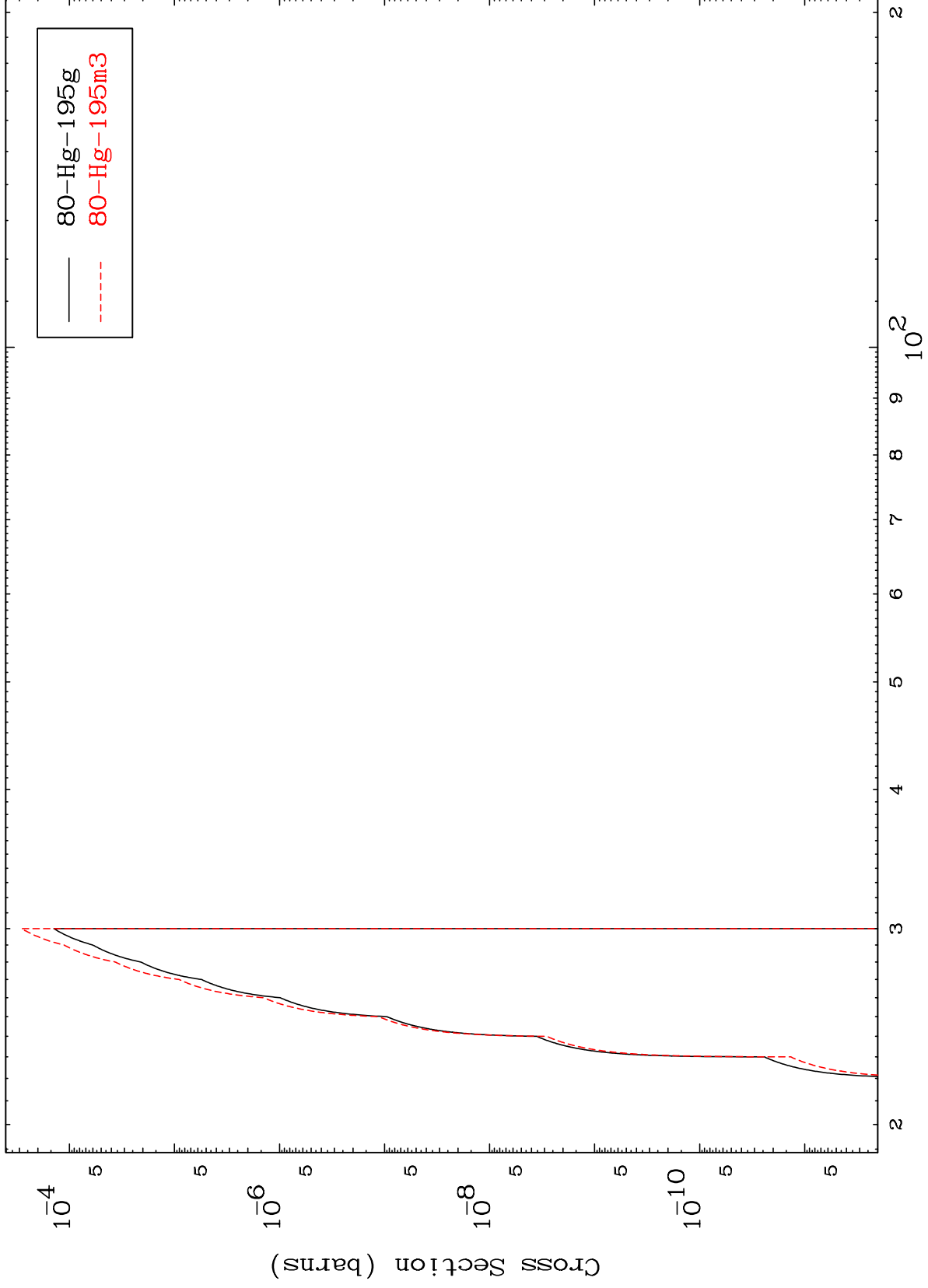
81-Tl-198m

MAT 81111

(n,3n) p

81-Tl-198m

Radionuclide Production Cross Section

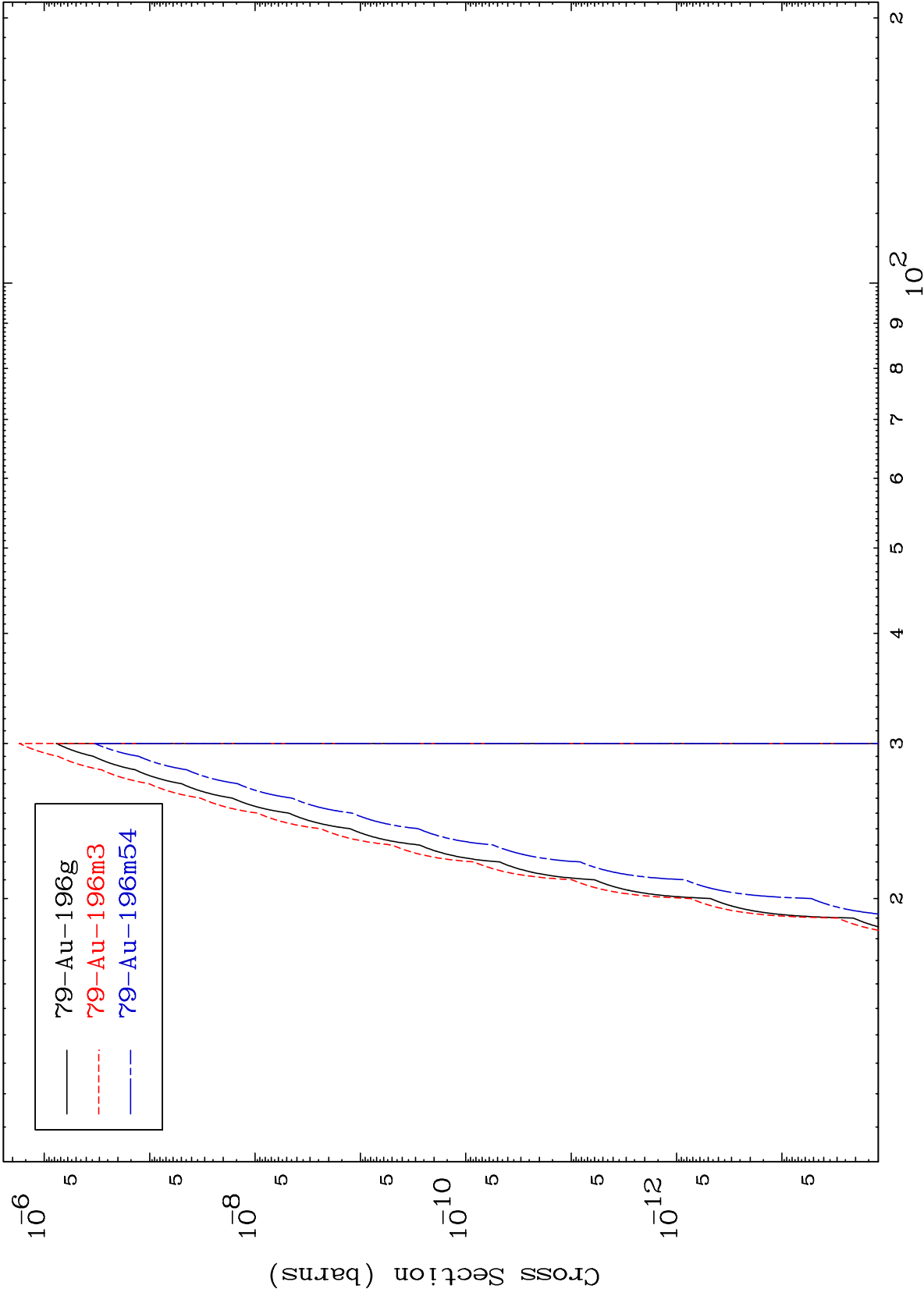


32

Incident Energy (MeV)

81-Tl-198m

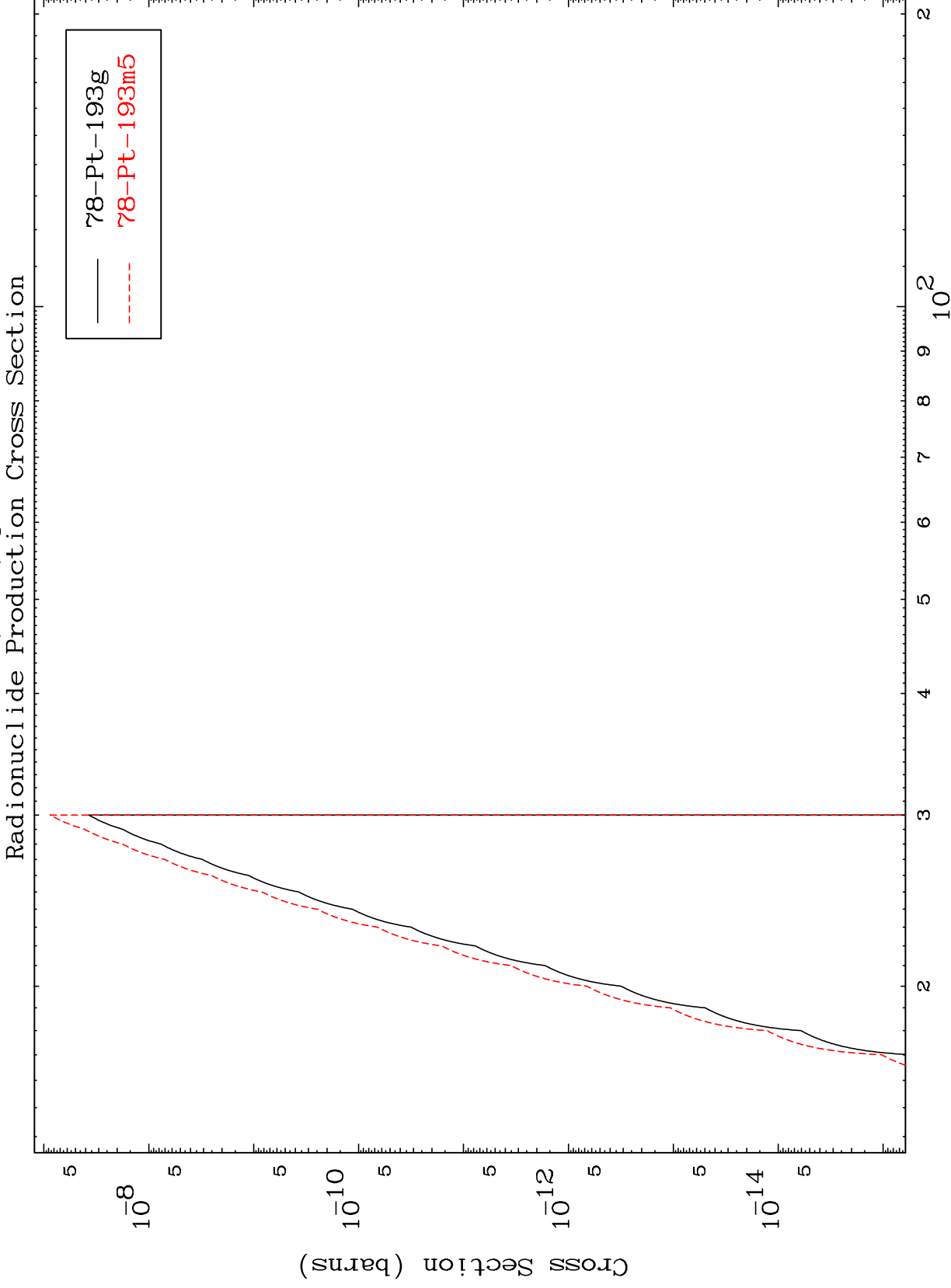
Radionuclide Production Cross Section



MAT 81111

(n,n') p  $\alpha$

81-Tl-198m



34

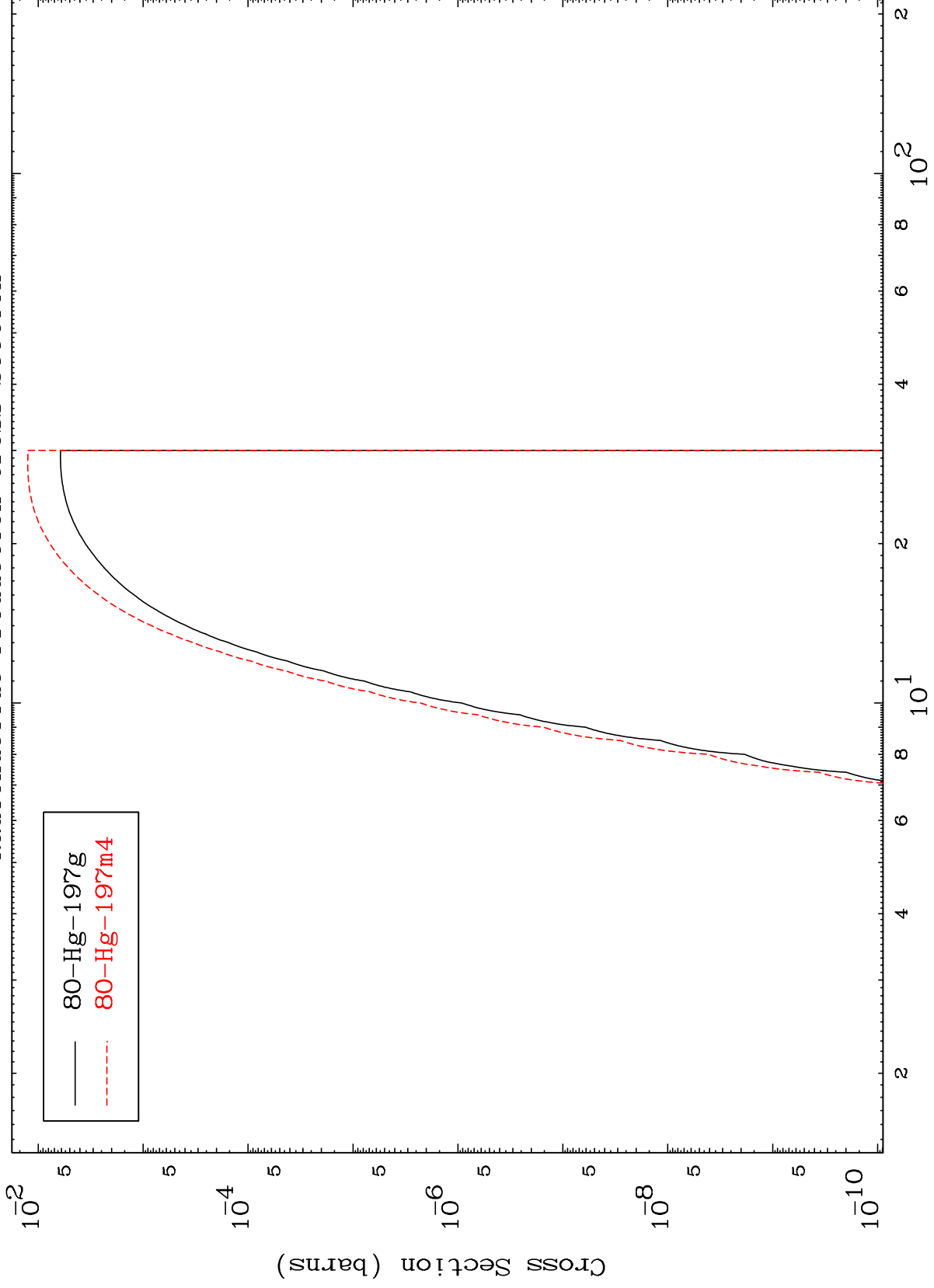
Incident Energy (MeV)

81-Tl-198m

MAT 81111

81-Tl-198m

(n,d)  
Radionuclide Production Cross Section

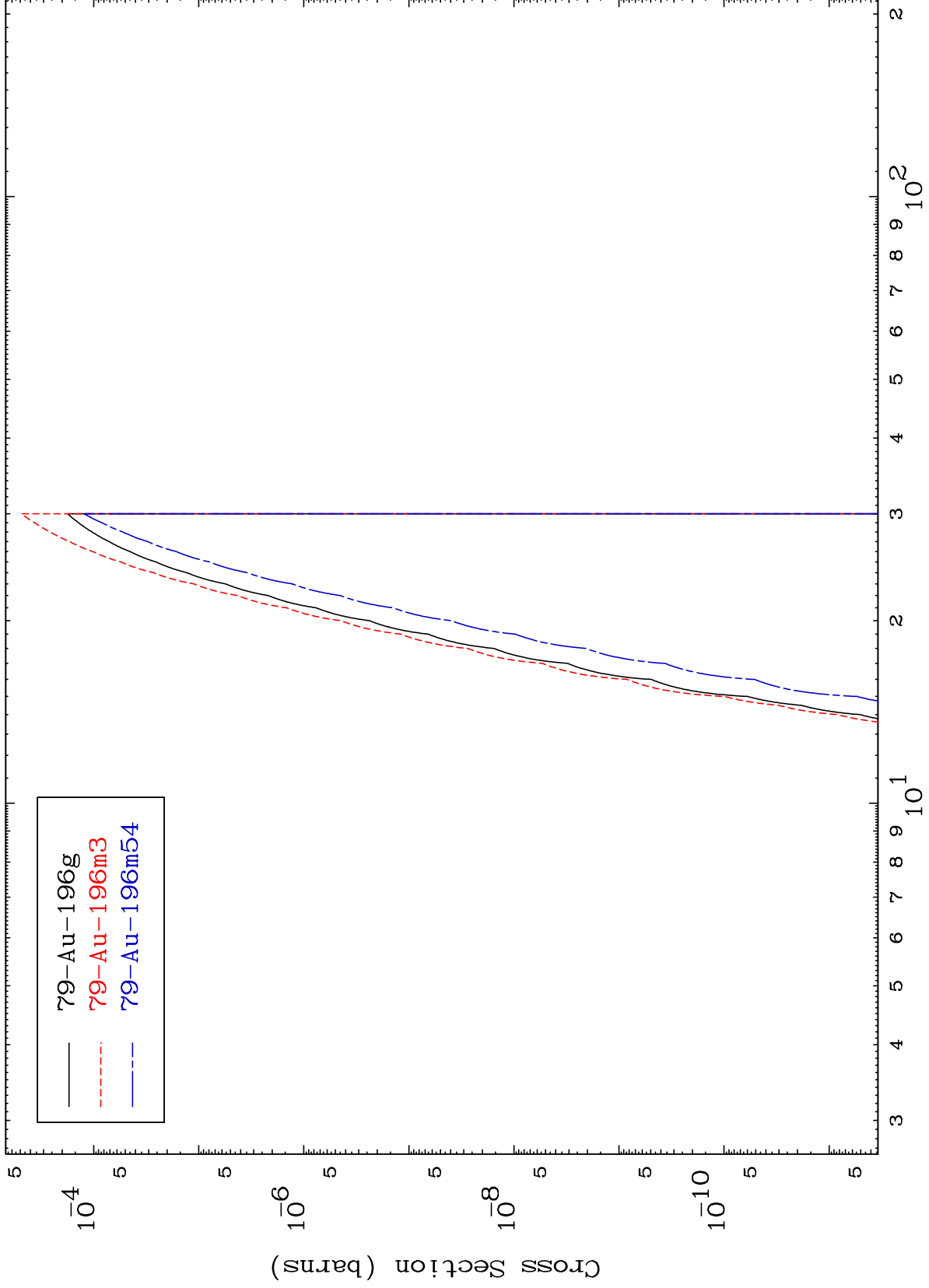


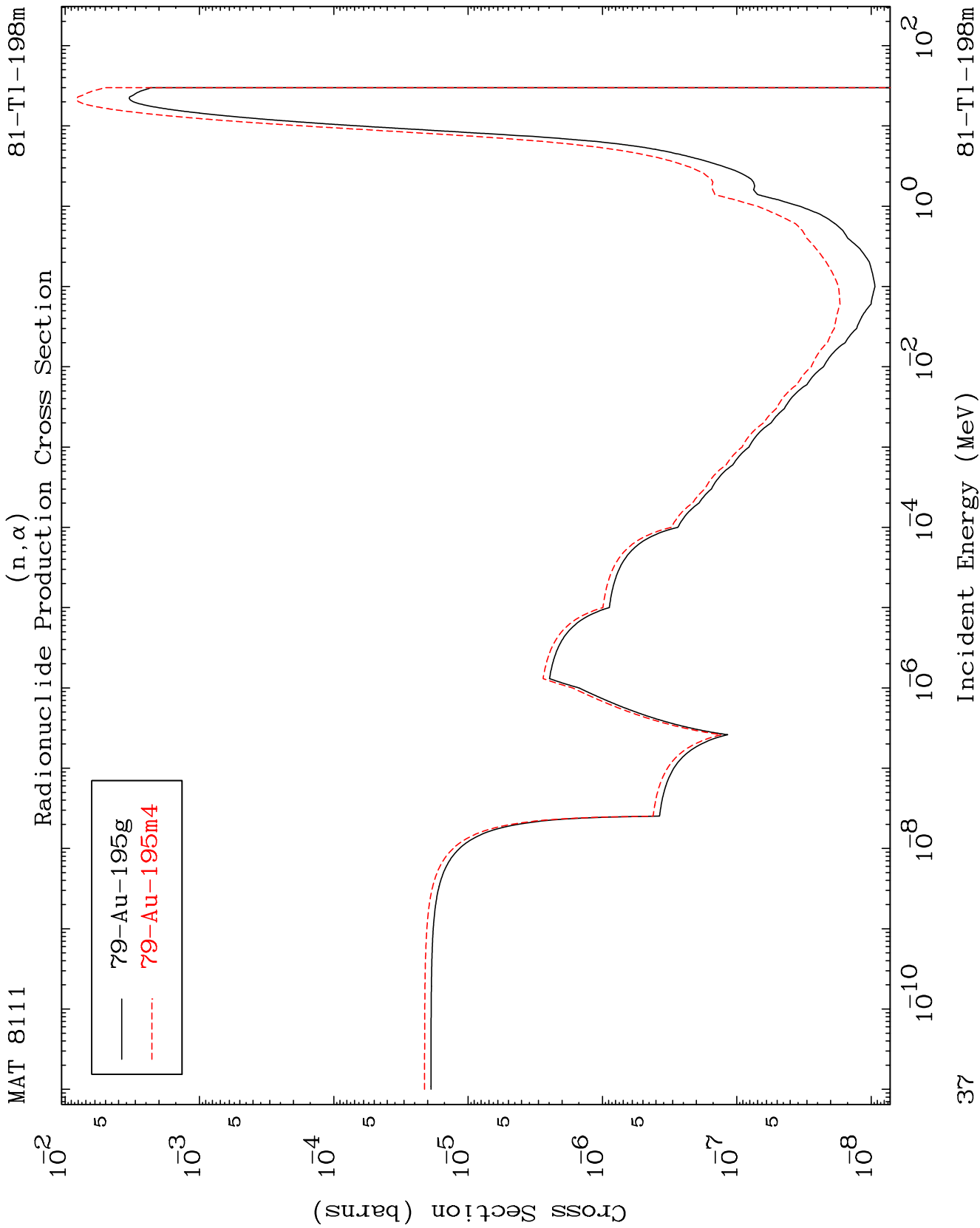
35

Incident Energy (MeV)

81-Tl-198m

Radionuclide Production Cross Section



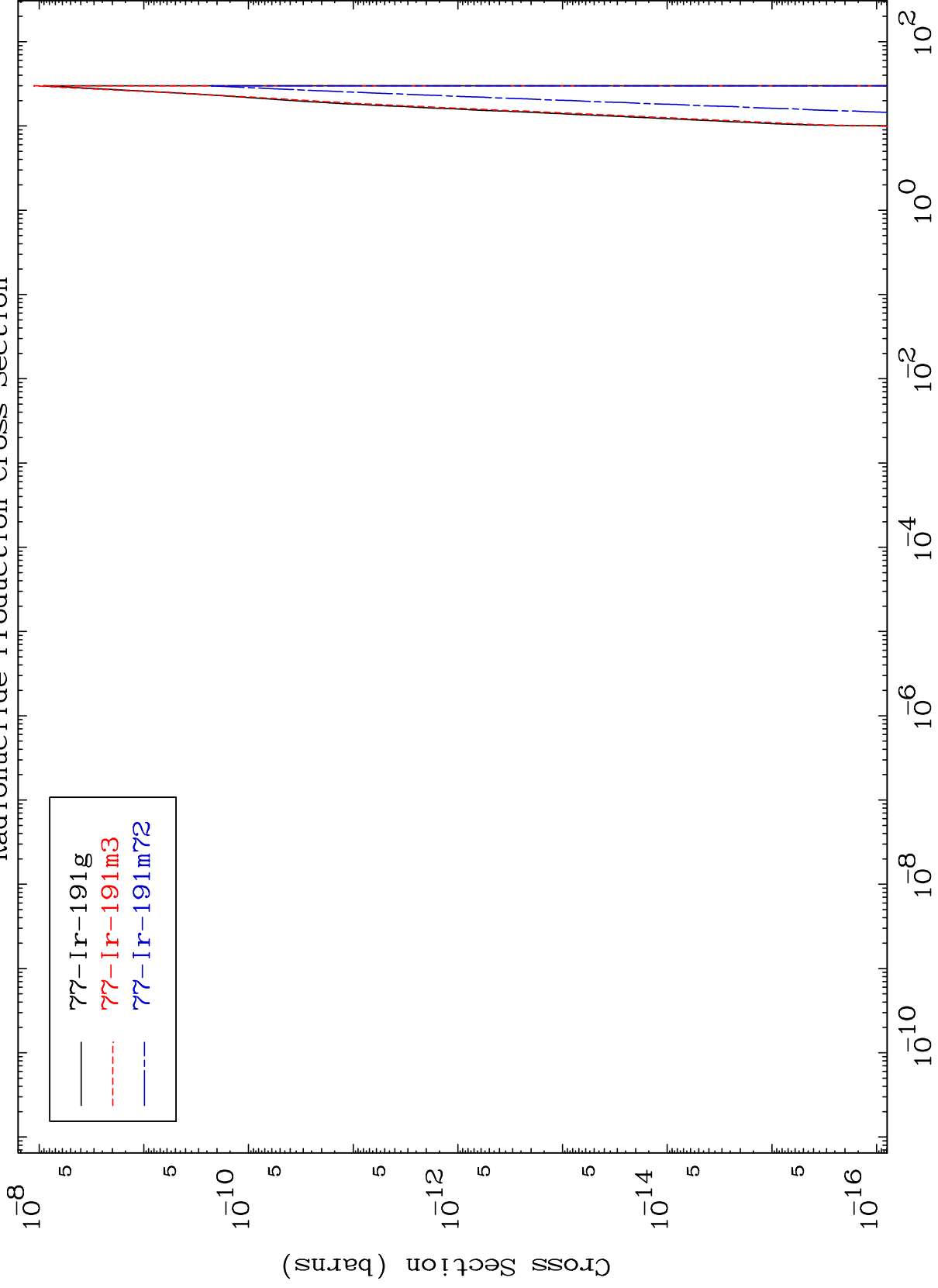


MAT 81111

(n,2α)

81-Tl-198m

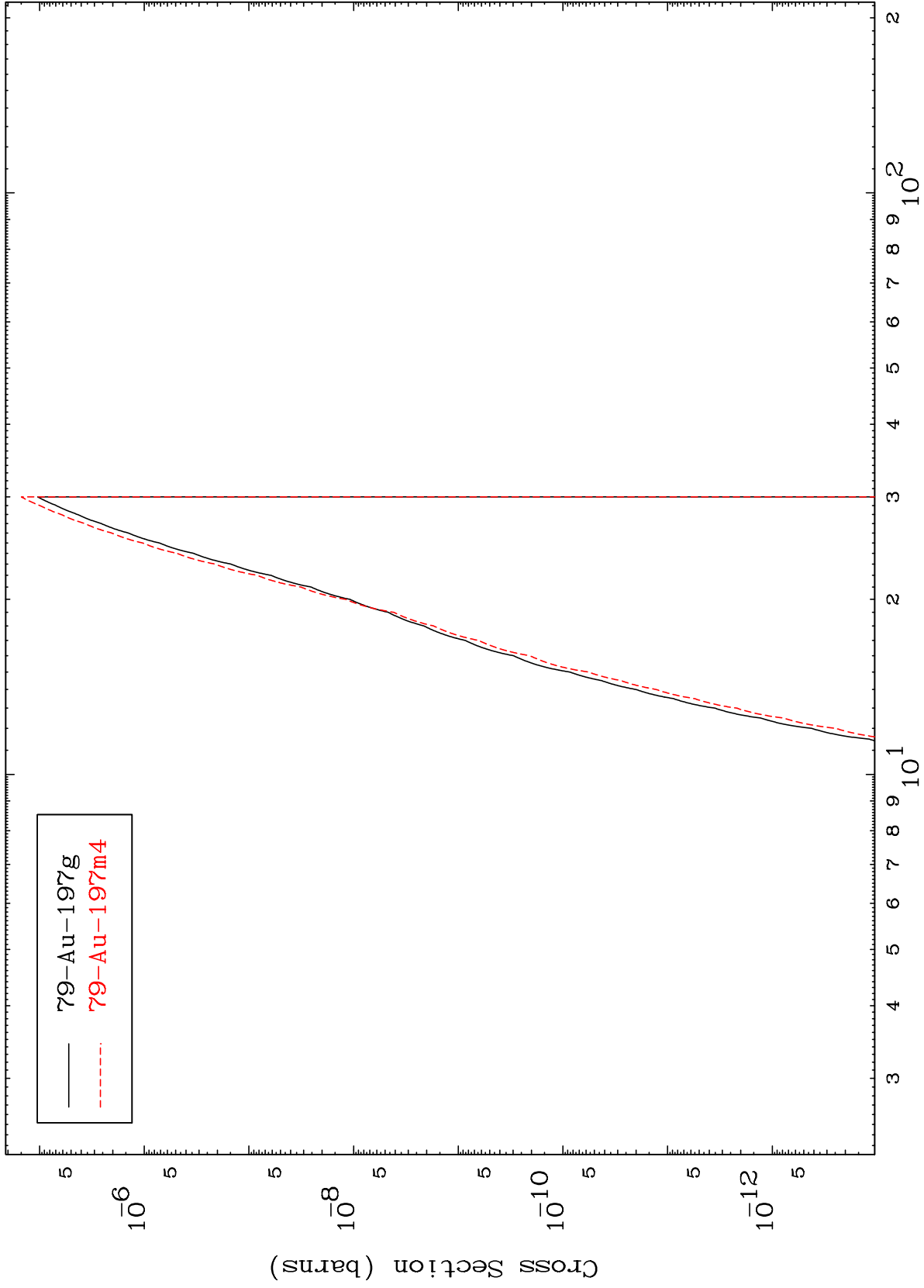
Radionuclide Production Cross Section



MAT 8111

81-TI-198m

(n,2p)  
Radionuclide Production Cross Section



39

Incident Energy (MeV)

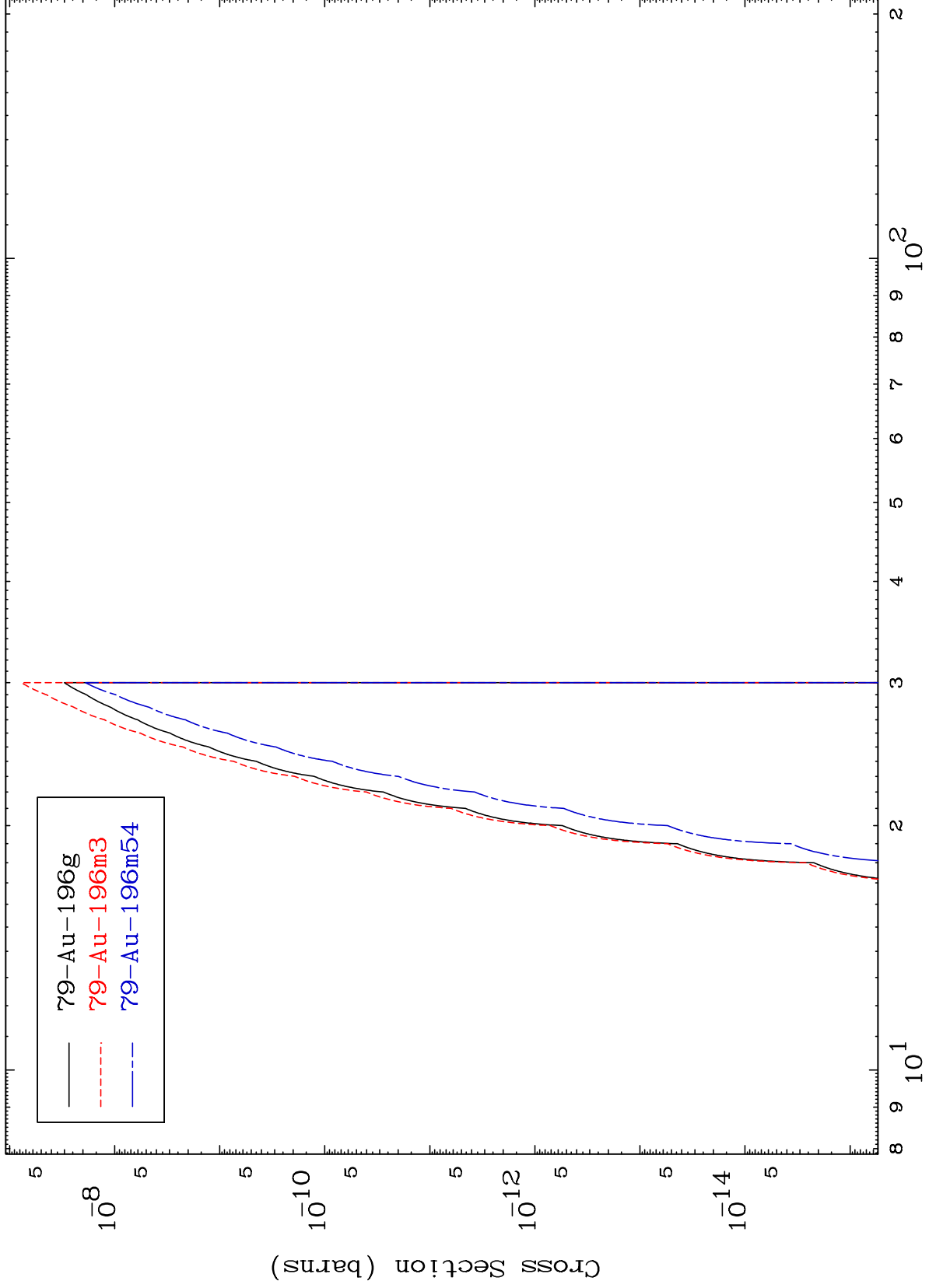
81-TI-198m

MAT 81111

(n,p) d

81-Tl-198m

Radionuclide Production Cross Section



40

Incident Energy (MeV)

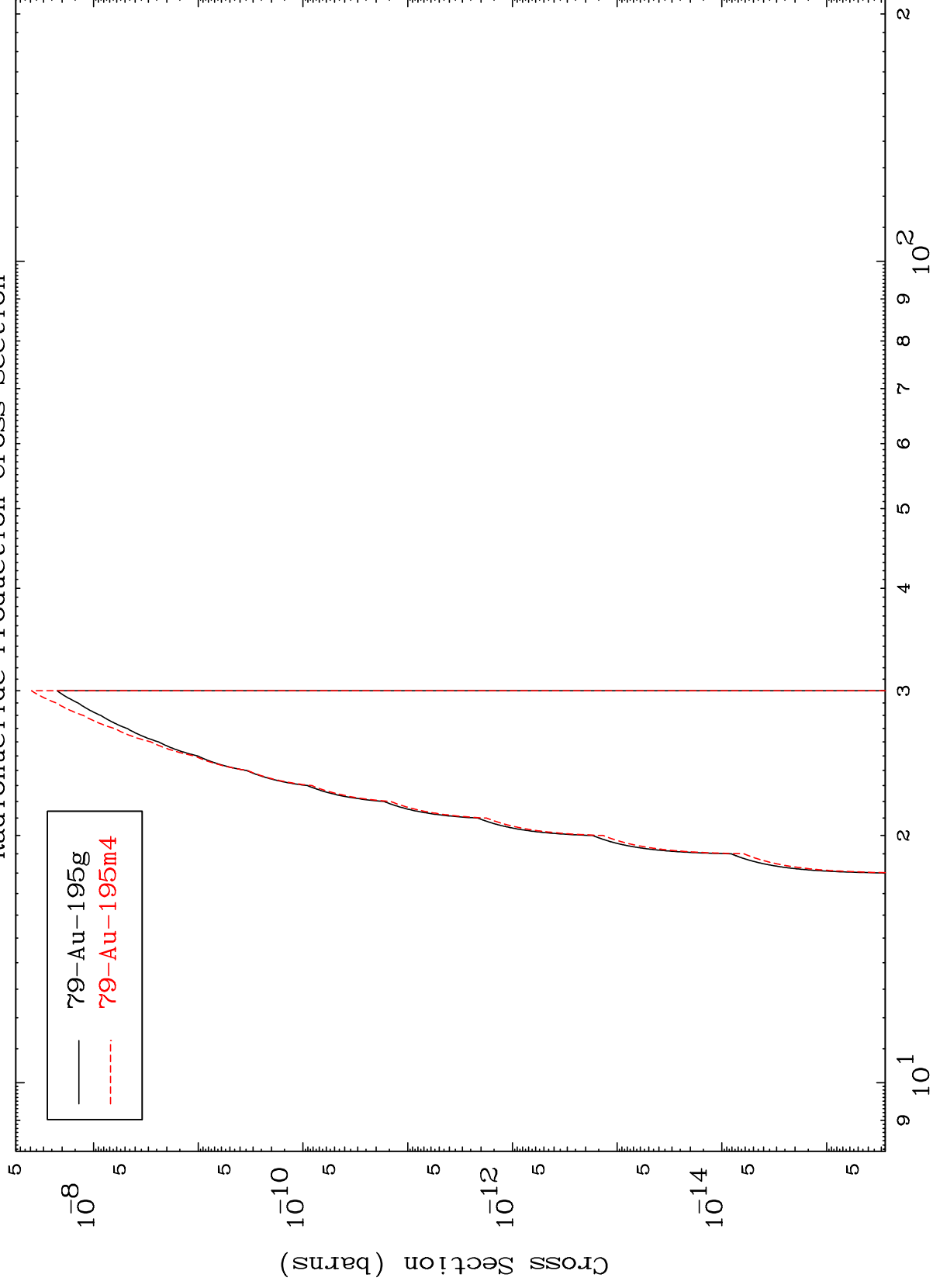
81-Tl-198m

MAT 81111

(n,p) t

81-Tl-198m

Radionuclide Production Cross Section



41

Incident Energy (MeV)

81-Tl-198m

MAT 81111

(n,d)  $\alpha$

81-TI-198m

Radionuclide Production Cross Section

