

Program EVALPLOT
(Version 2018-1)

by

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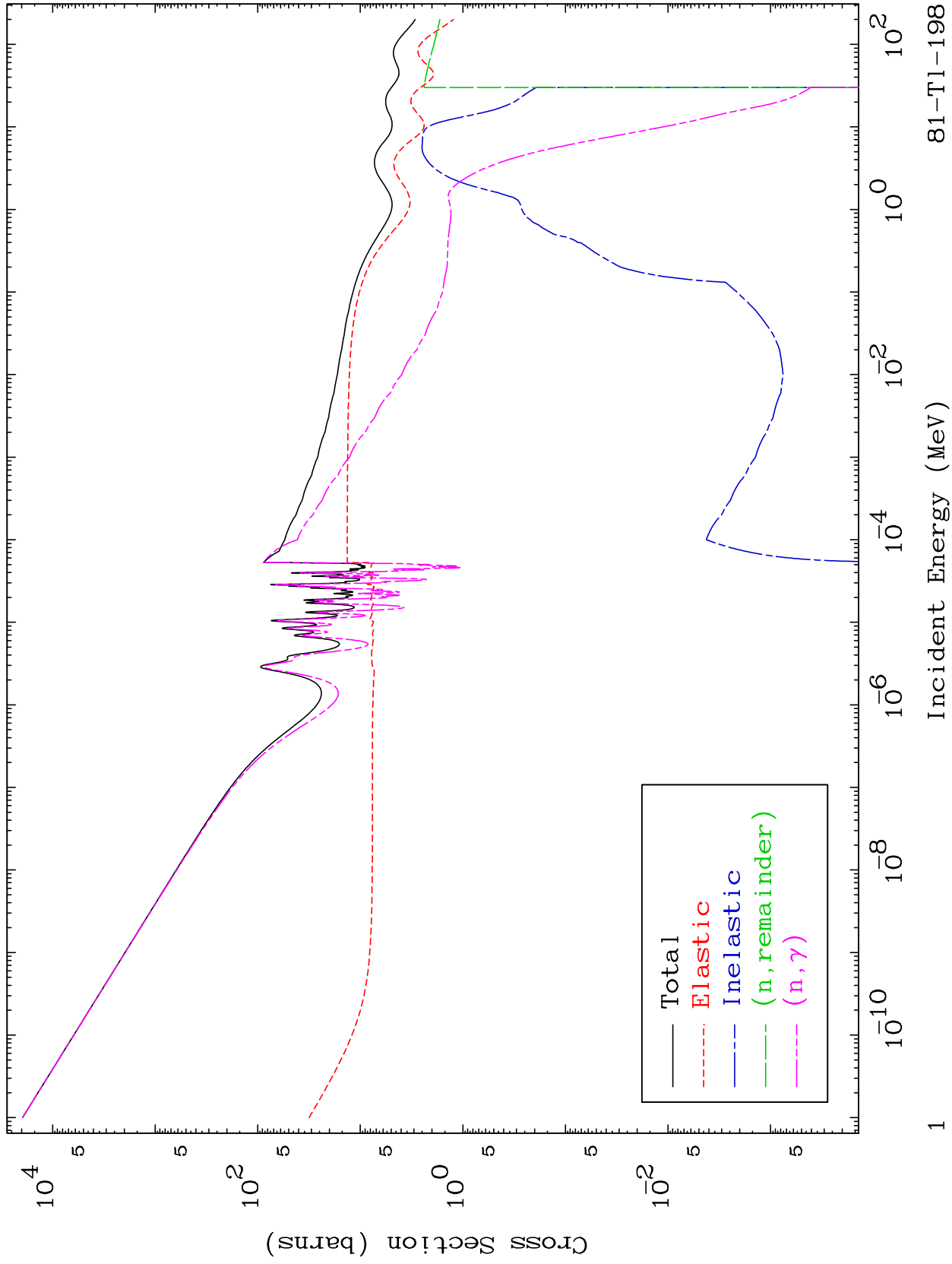
Press Mouse Button to Start

MAT 8111

Major

293 Kelvin Cross Sections

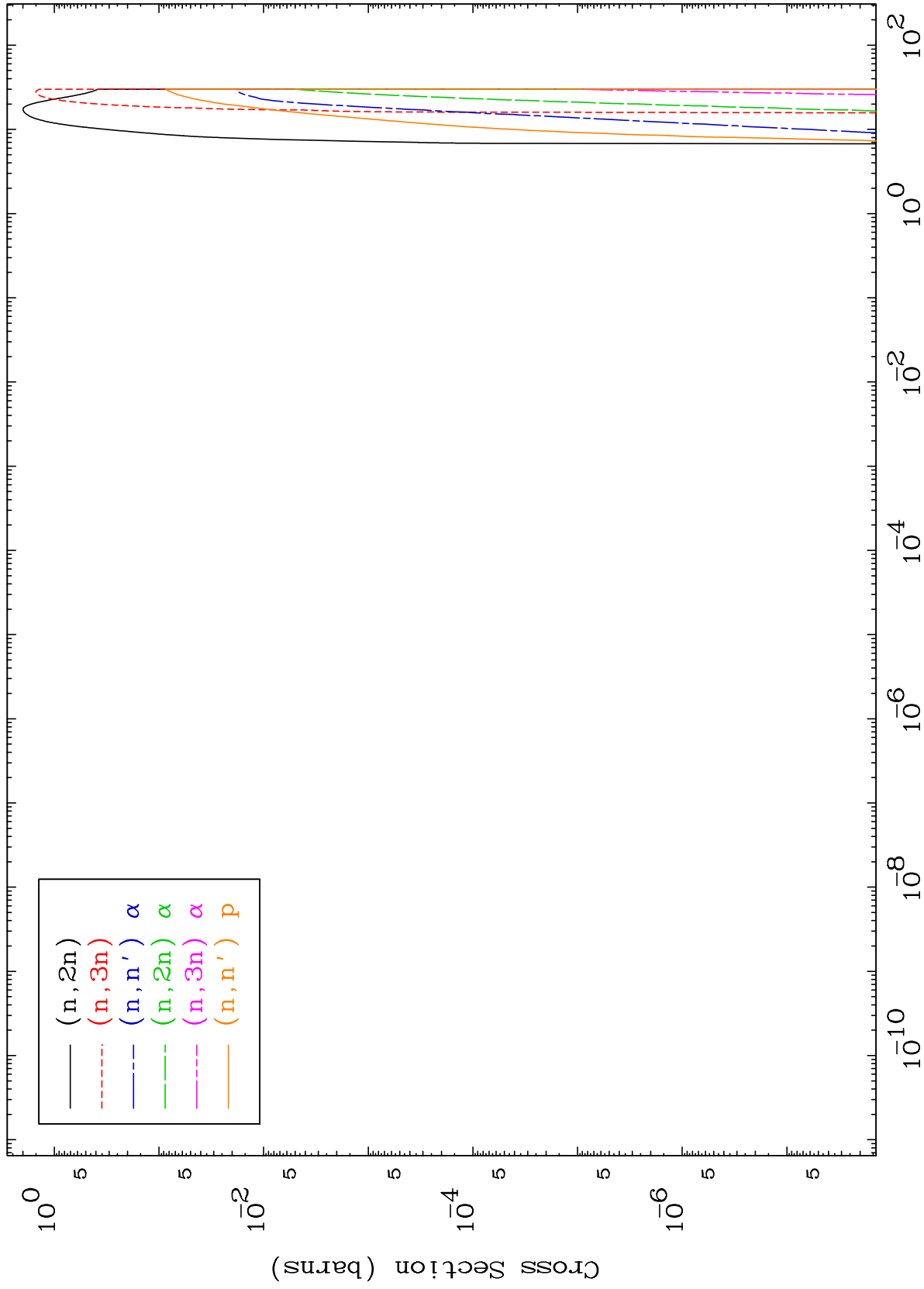
81-Tl-198



MAT 8111

Neutron Production
293 Kelvin Cross Sections

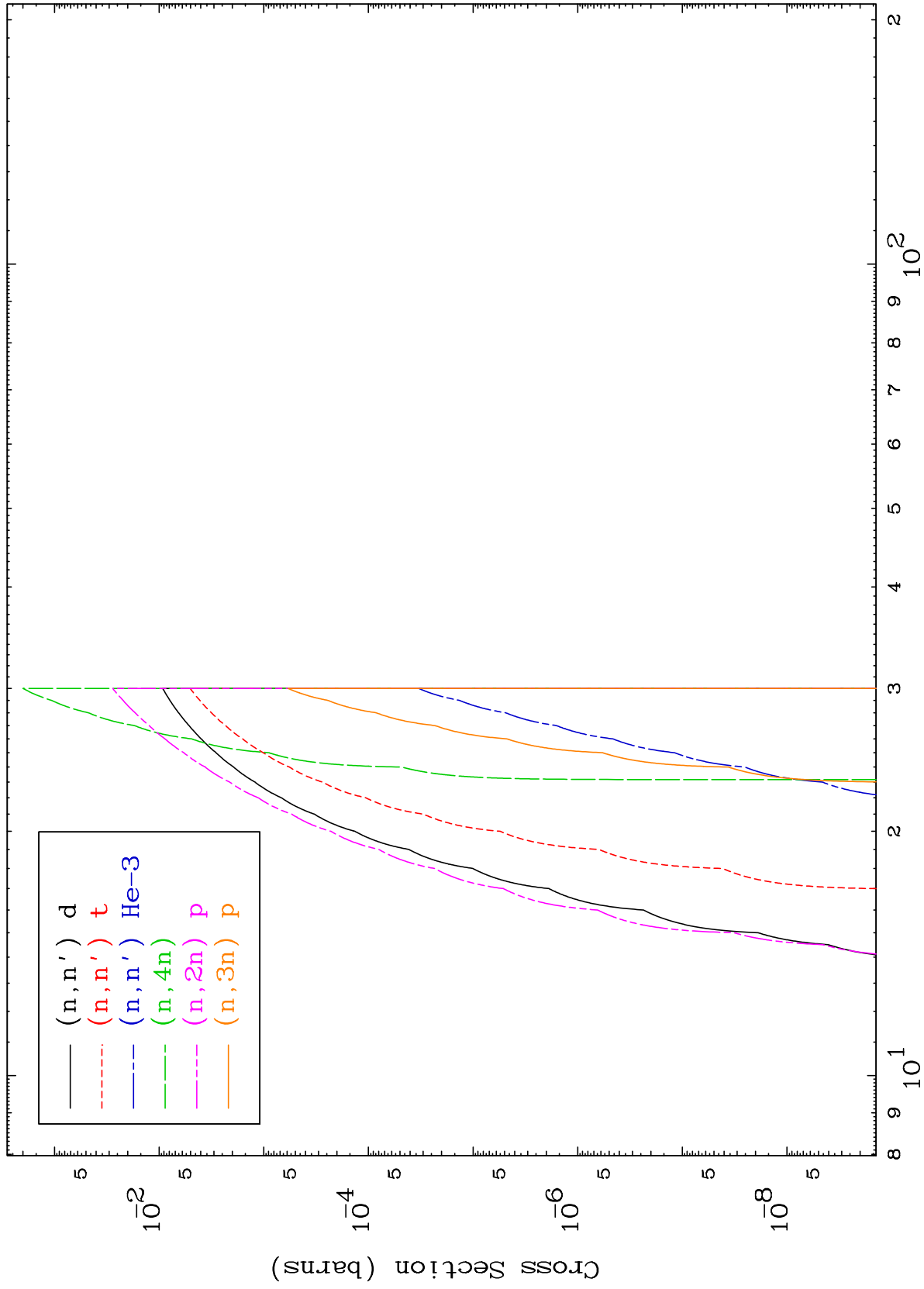
81-Tl-198



2

Incident Energy (MeV)

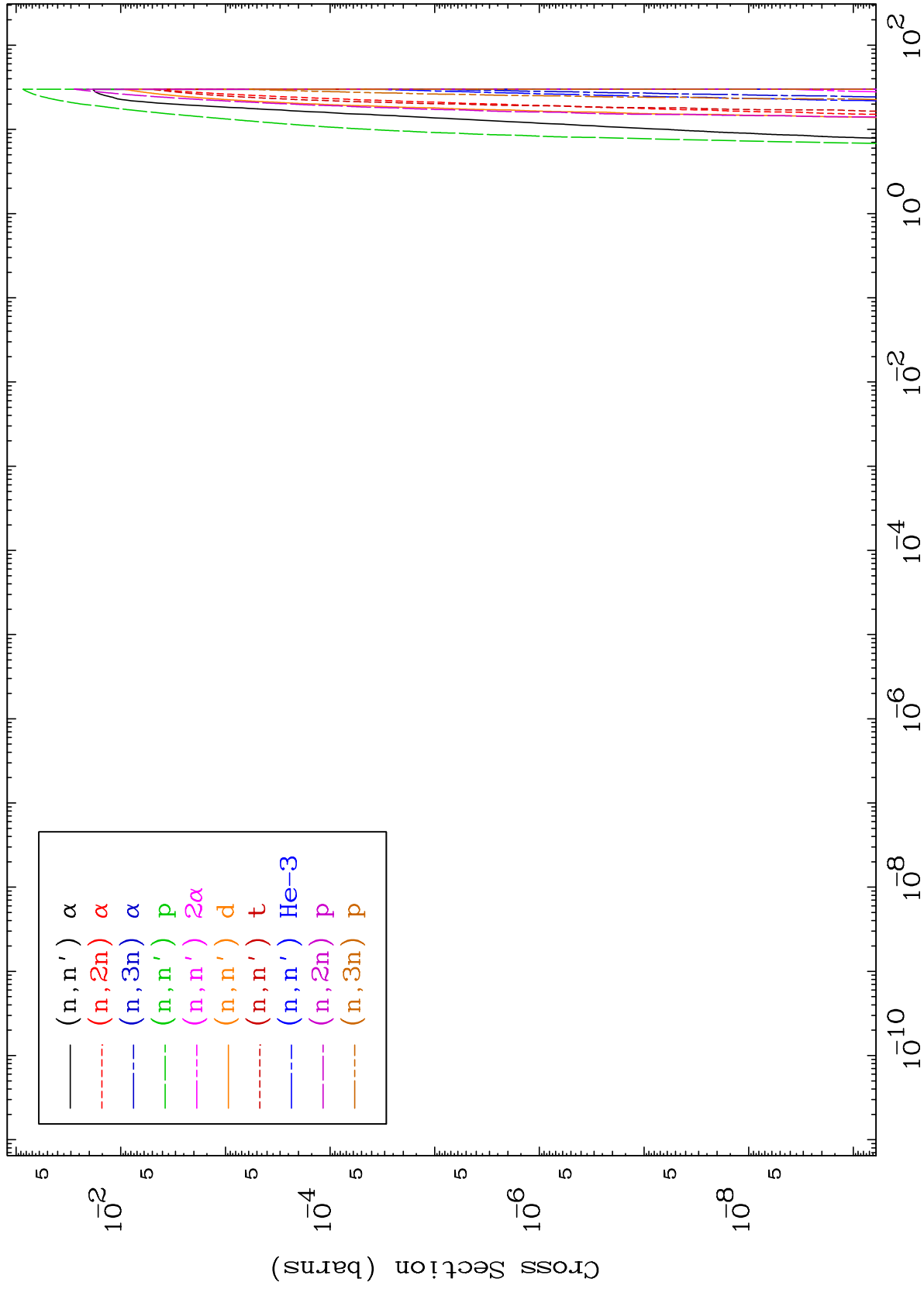
81-Tl-198



MAT 8111

293 Kelvin Cross Sections
Charged Particle

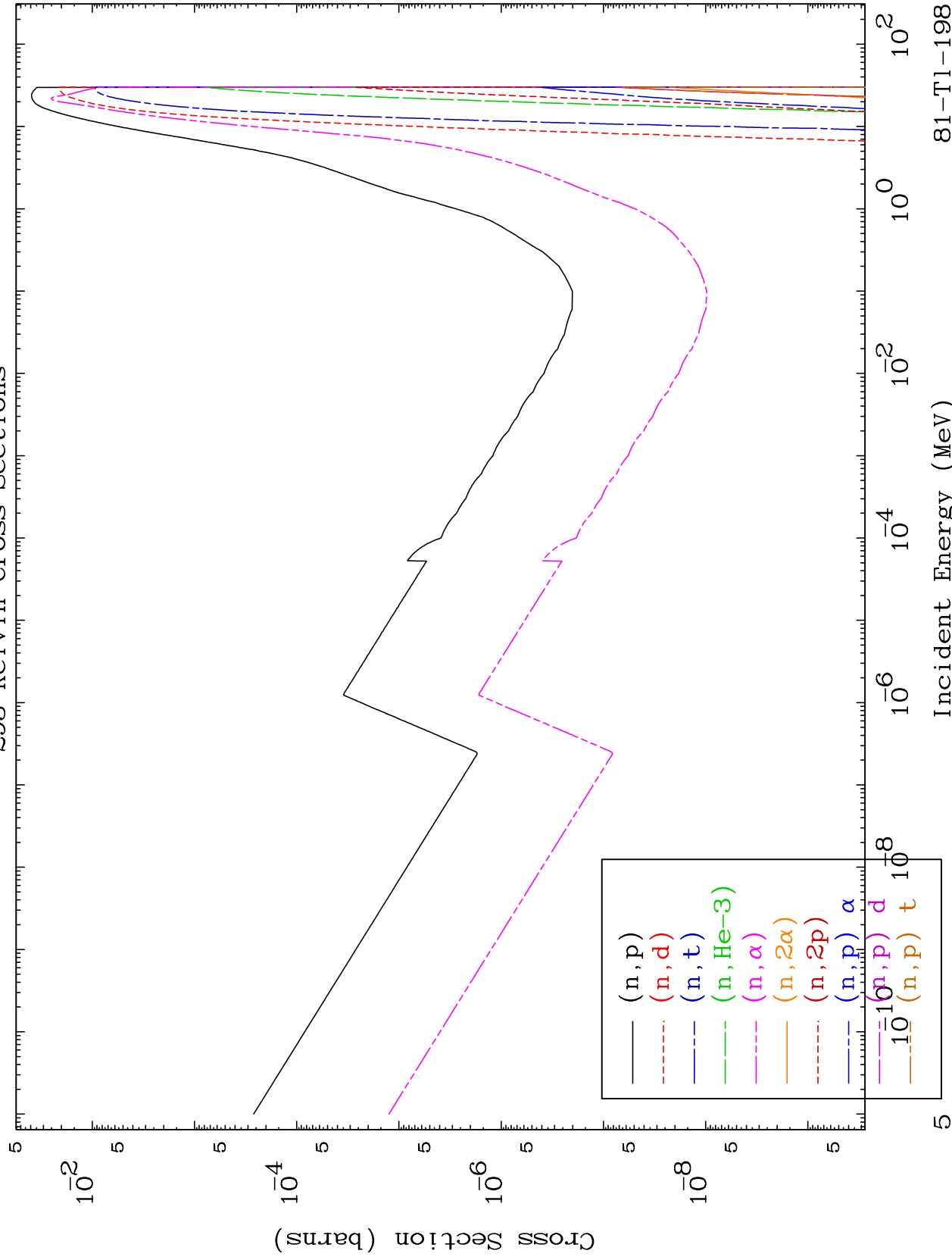
81-Tl-198

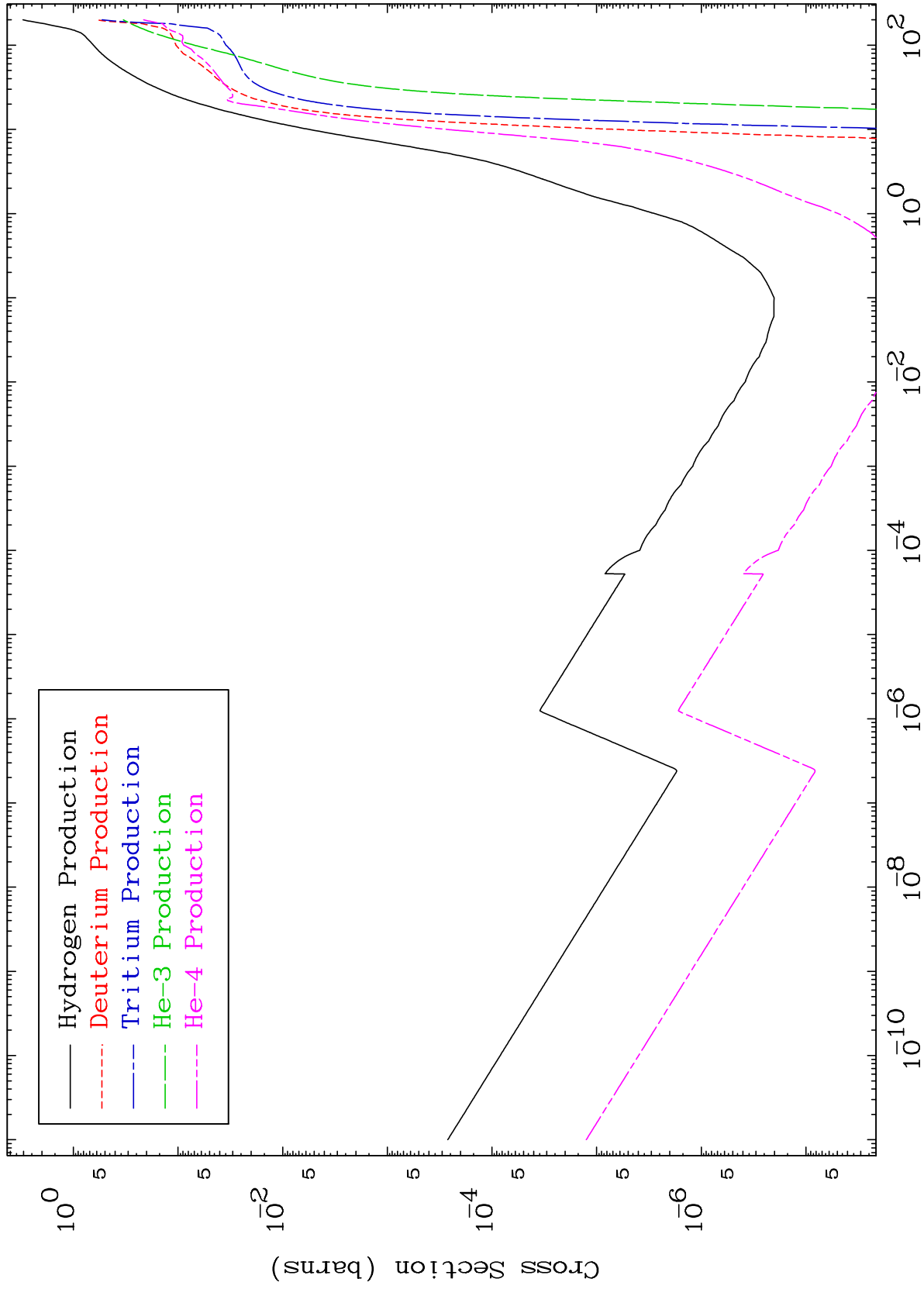


MAT 8111

293 Kelvin Cross Sections

81-Tl-198

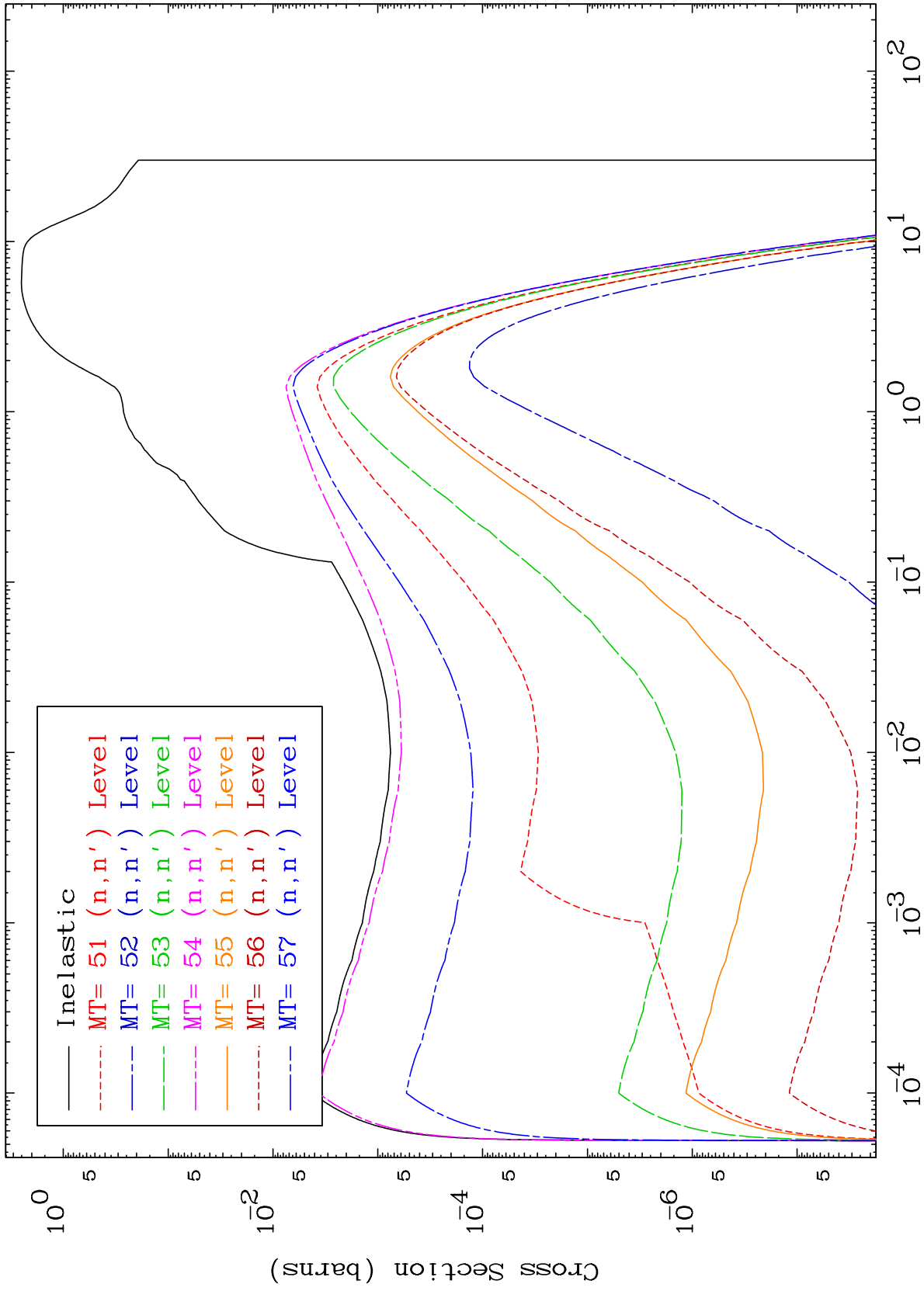




MAT 8111

(n,n') Level
293 Kelvin Cross Sections

81-T1-198

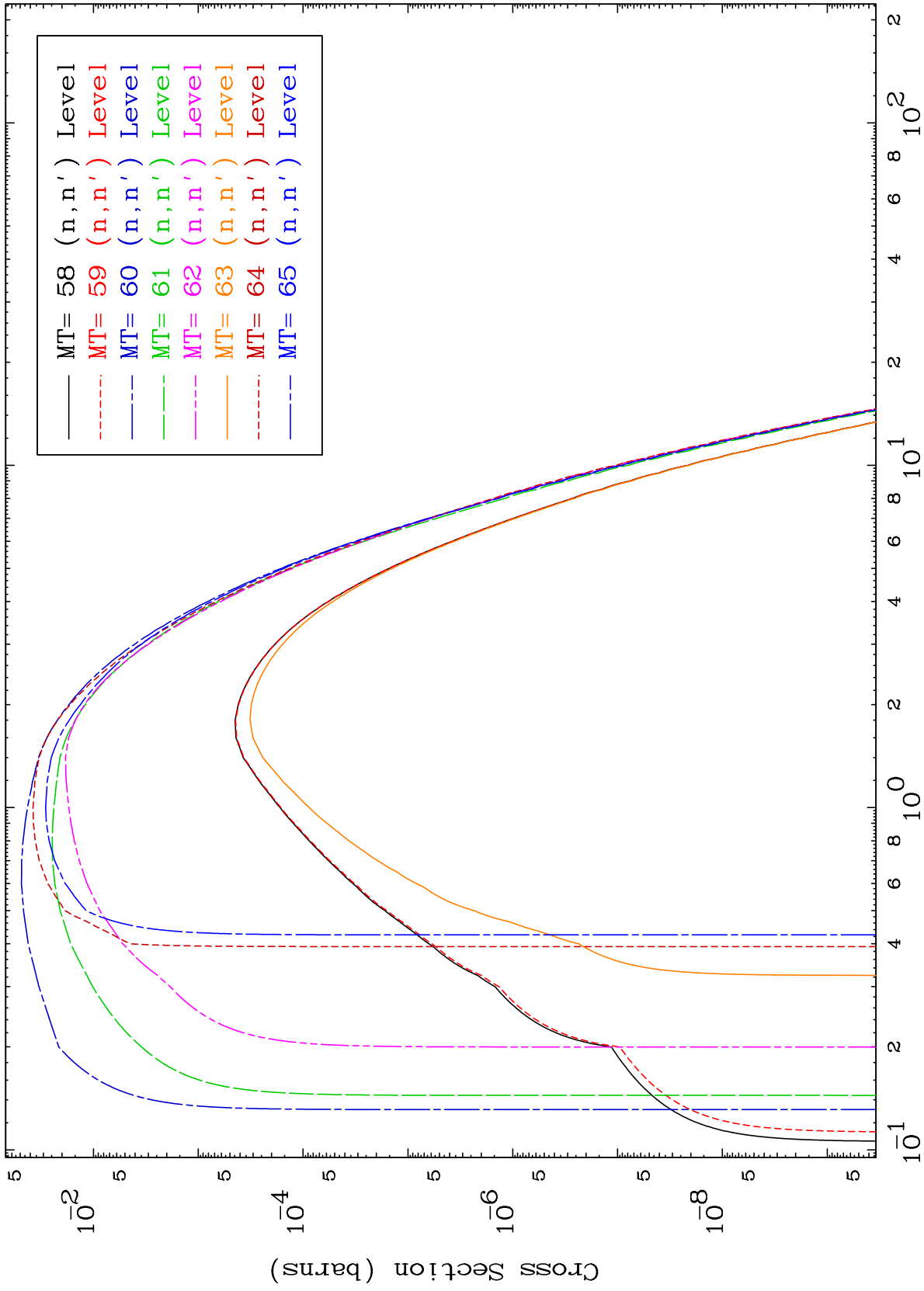


MAT 8111

(n,n') Level

81-Tl-198

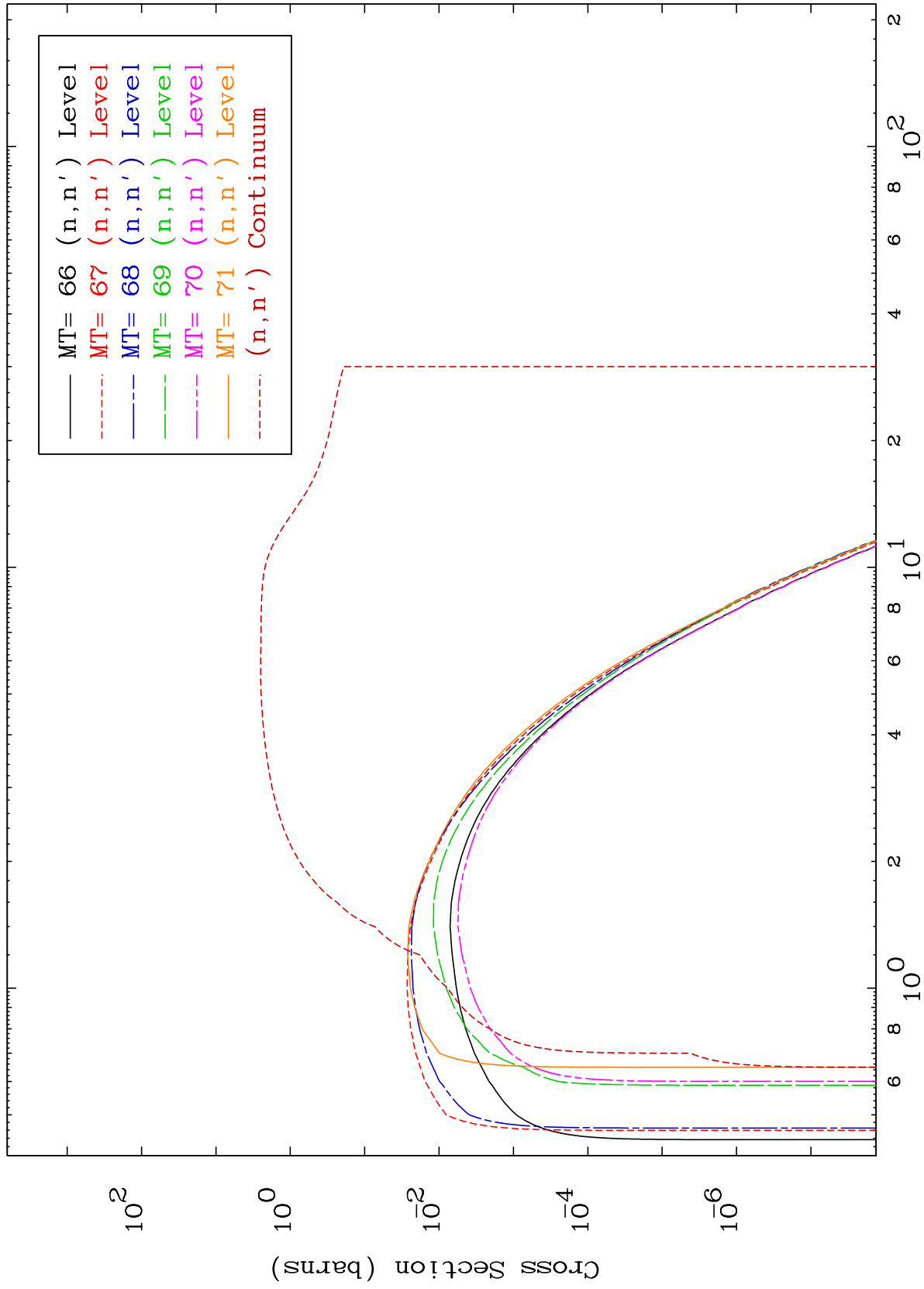
293 Kelvin Cross Sections



8

Incident Energy (MeV)

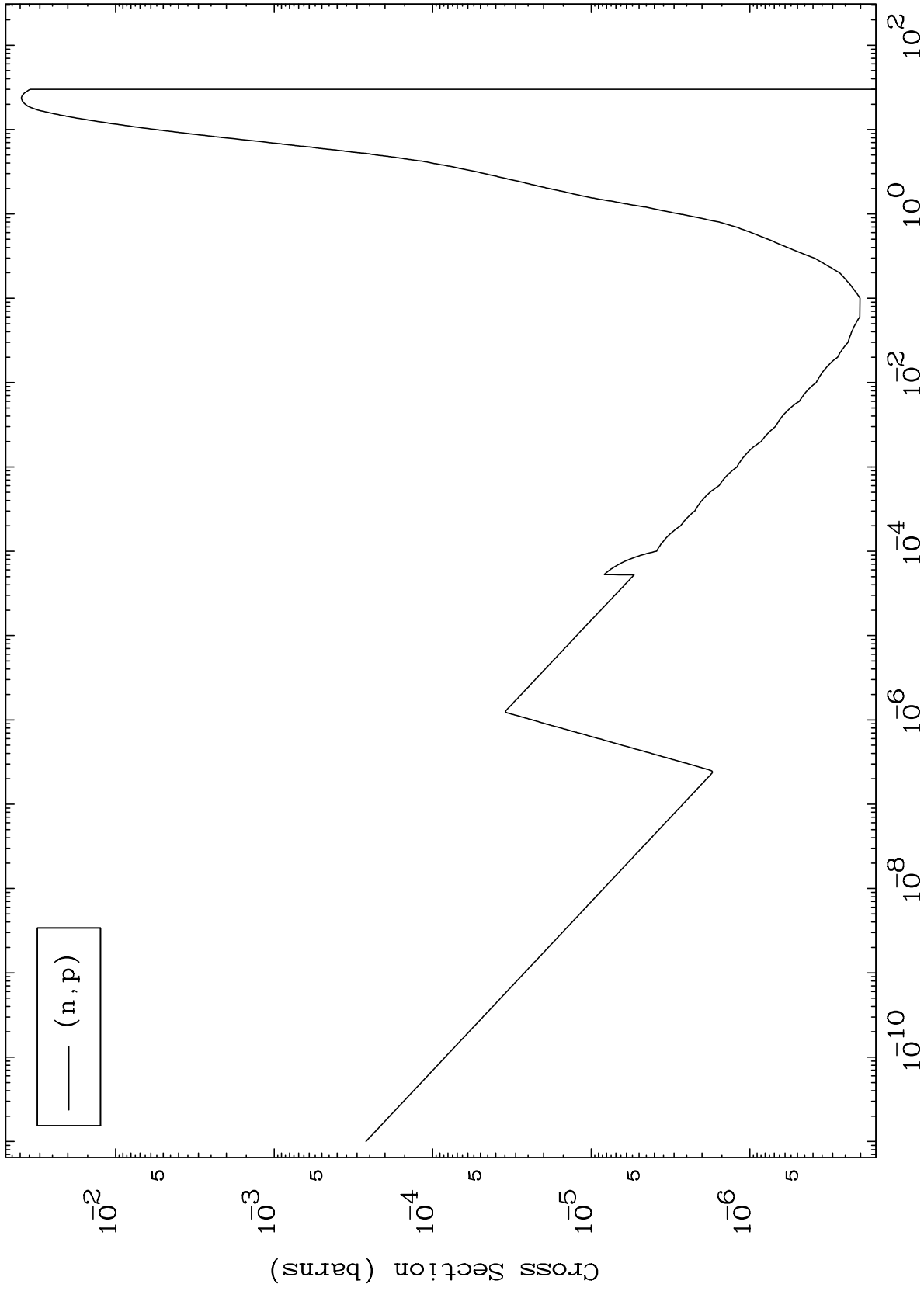
81-Tl-198



MAT 8111

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-198



10

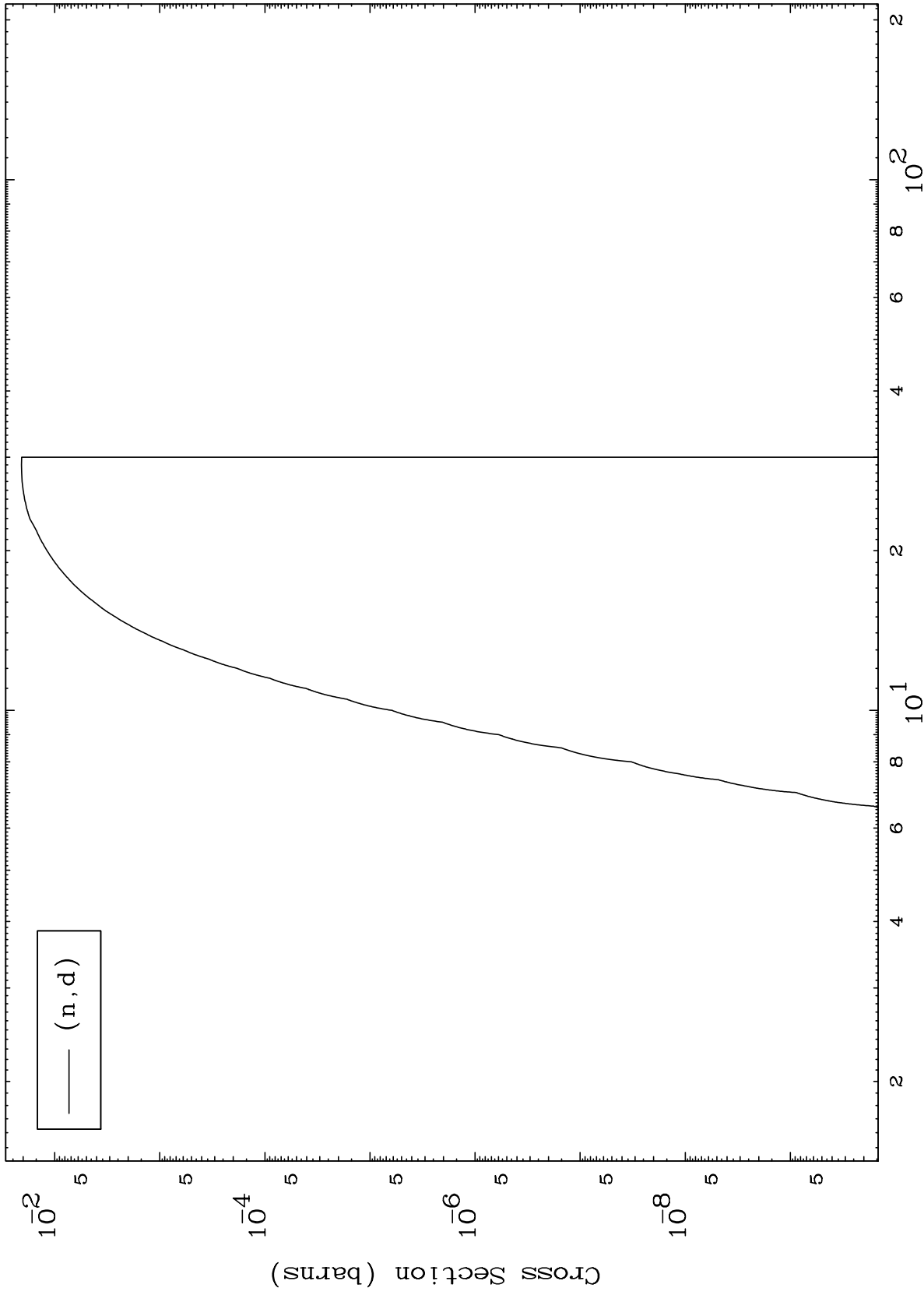
Incident Energy (MeV)

81-Tl-198

MAT 8111

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-198



11

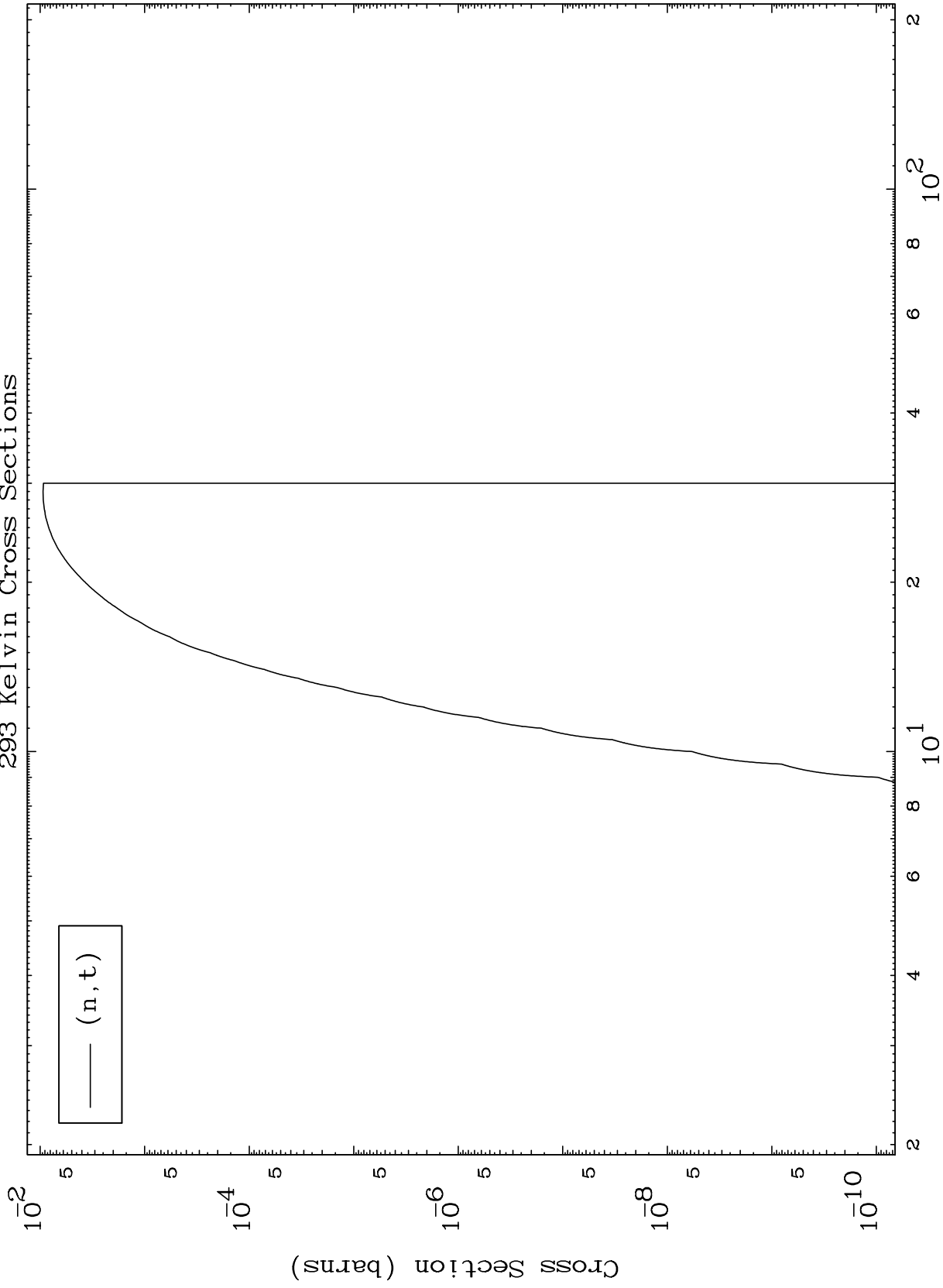
Incident Energy (MeV)

81-Tl-198

MAT 8111

(n,t) Levels
293 Kelvin Cross Sections

81-T1-198



12

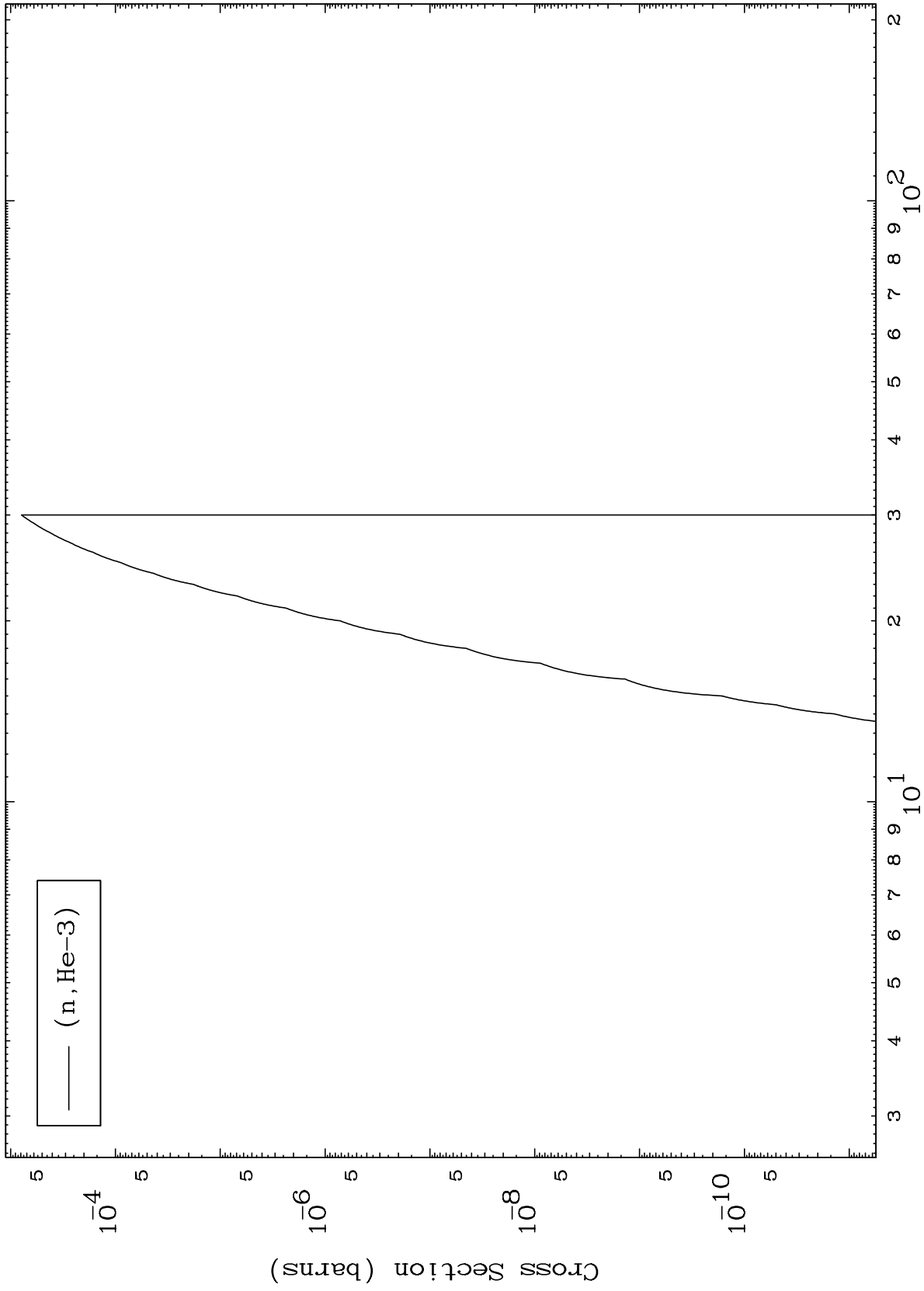
Incident Energy (MeV)

81-T1-198

MAT 8111

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-198



13

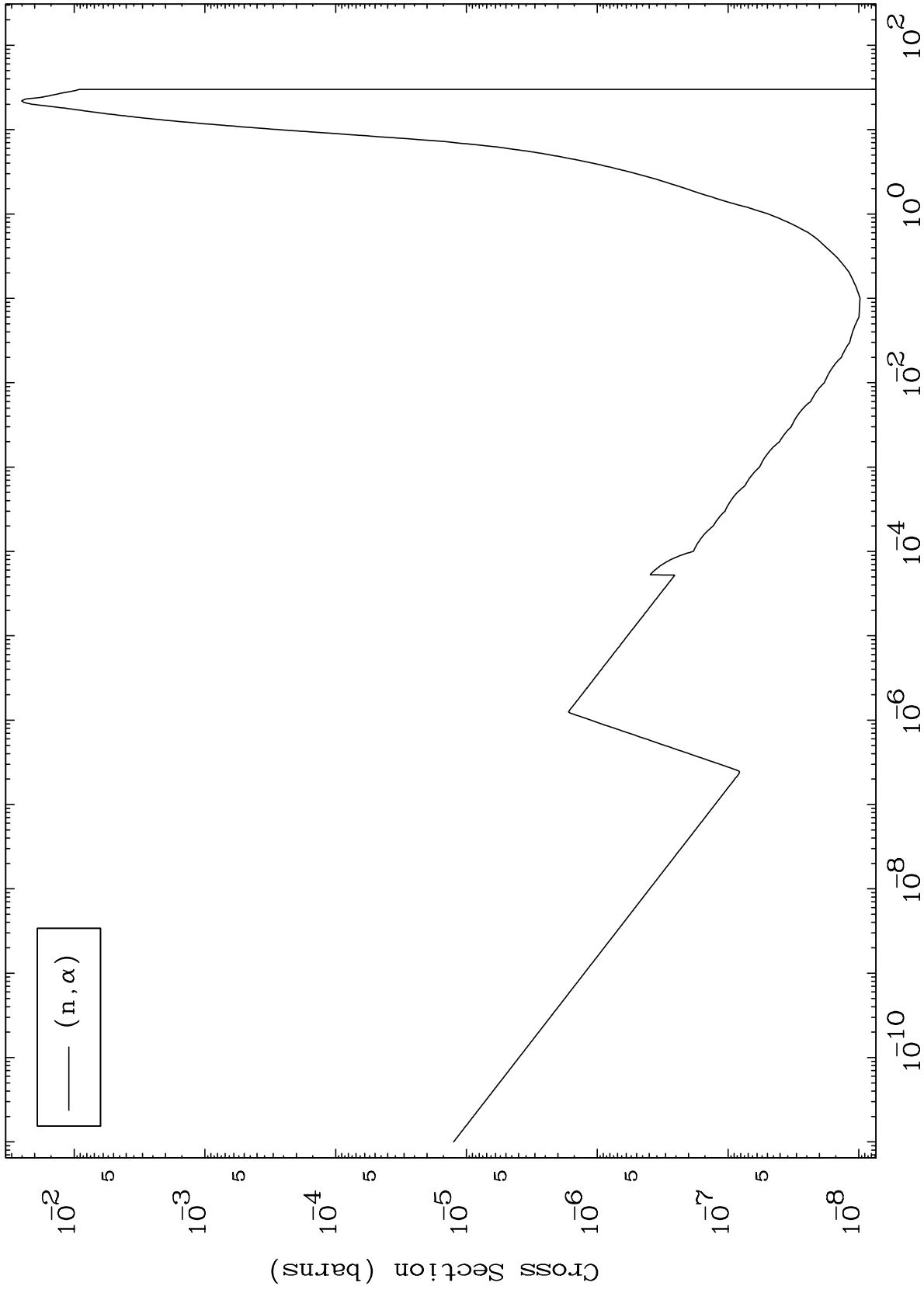
Incident Energy (MeV)

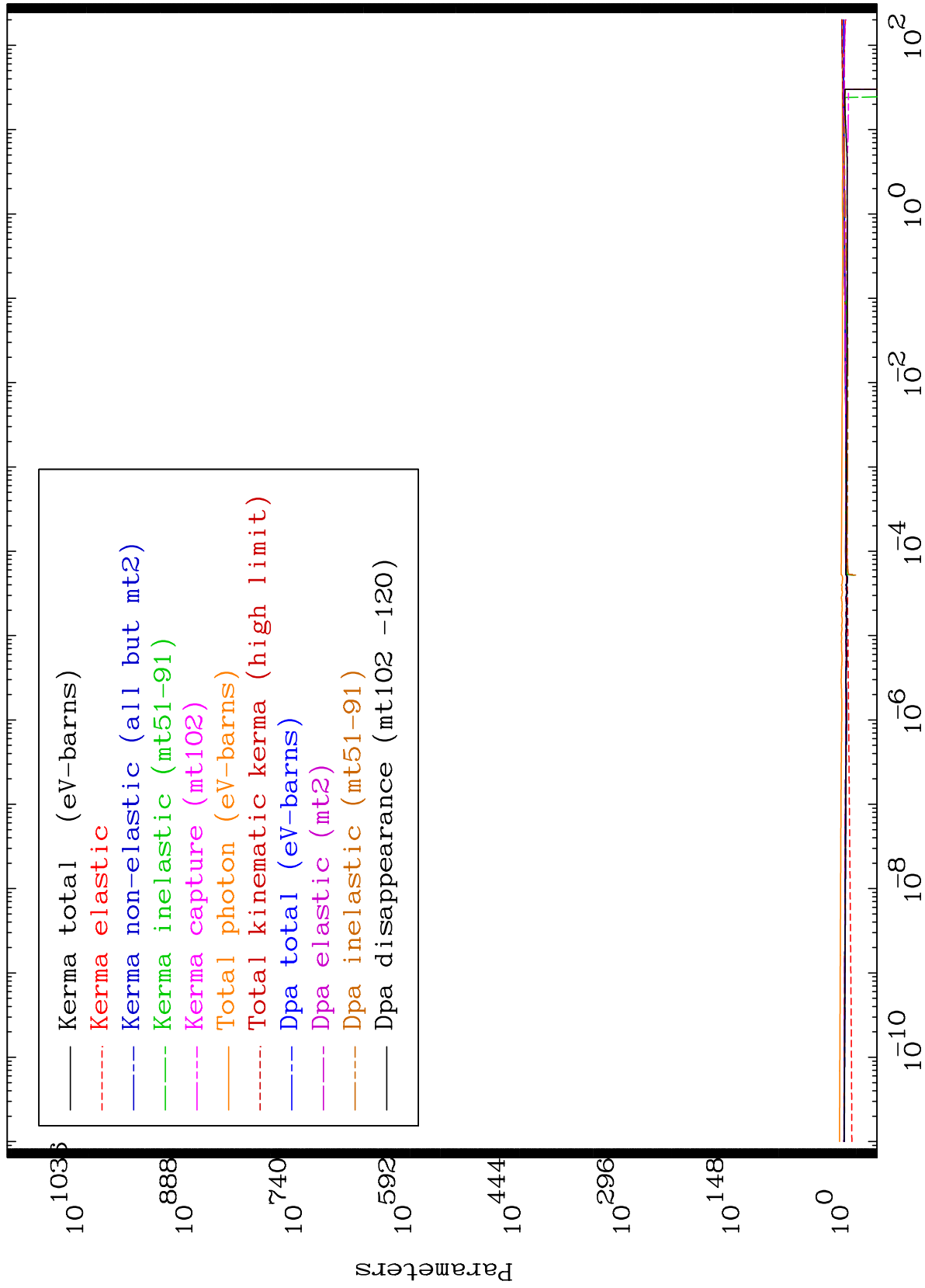
81-Tl-198

MAT 8111

293 Kelvin Cross Sections
(n,α) Levels

81-Tl-198





MAT 8111

Elastic Legendre Coefficients

81-T1-198



81-T1-198

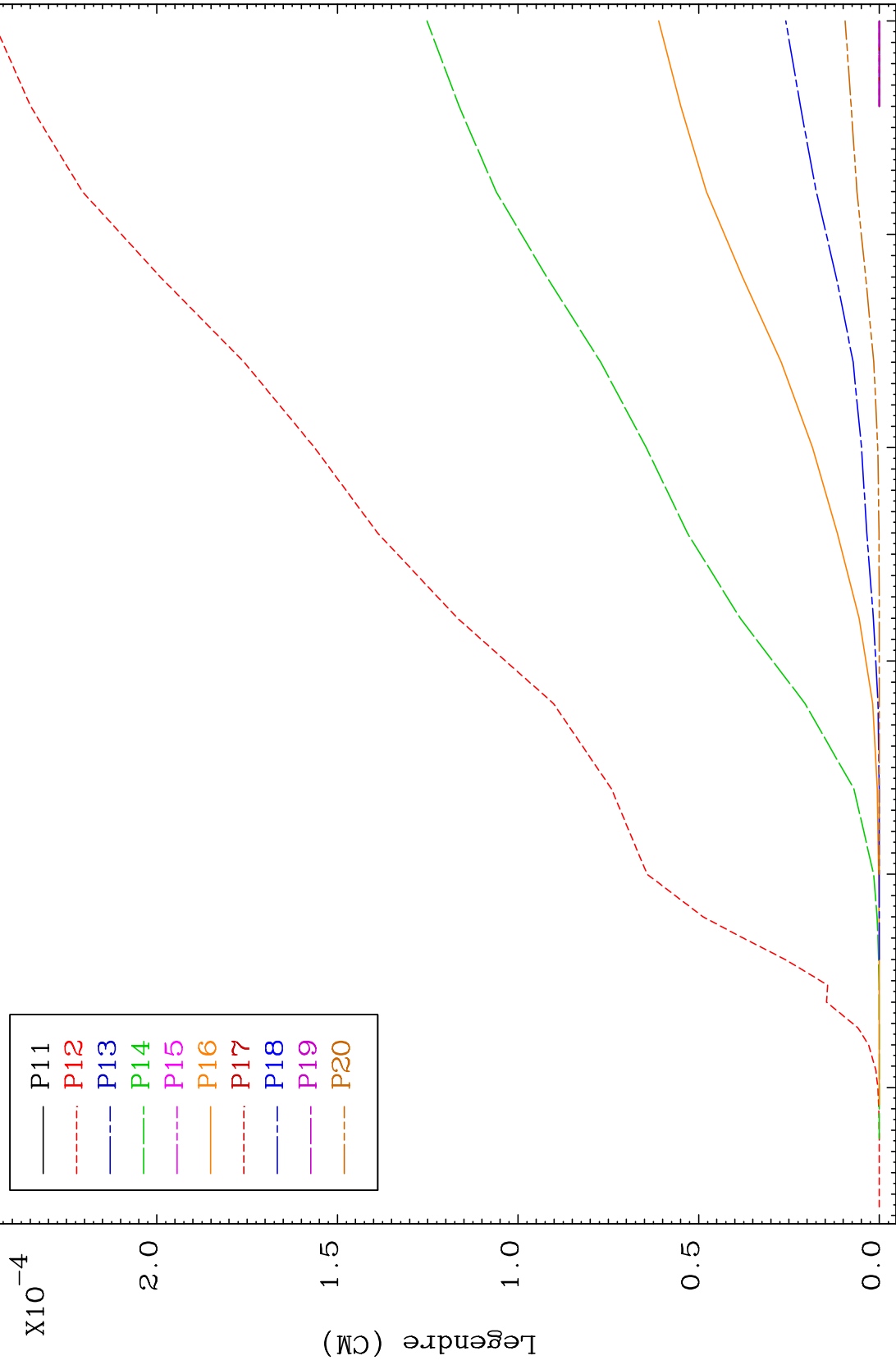
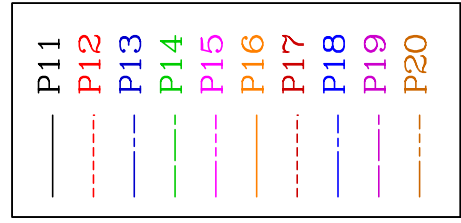
Incident Energy (MeV)

16

MAT 8111

Elastic
Legendre Coefficients

81-T1-198



17

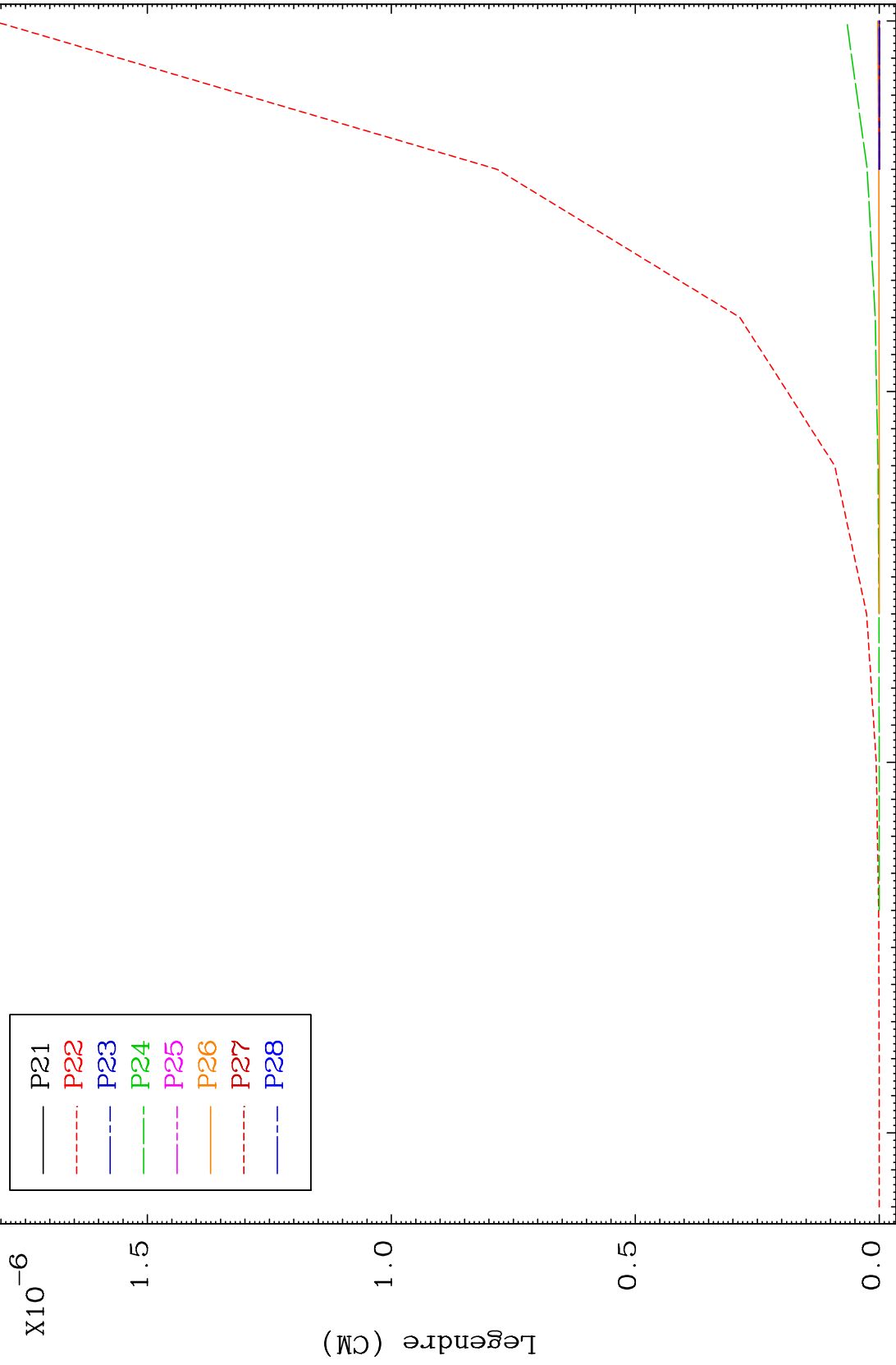
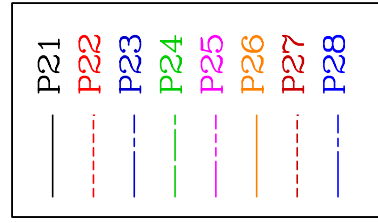
Incident Energy (MeV)

81-T1-198

MAT 8111

Elastic Legendre Coefficients

81-T1-198



18

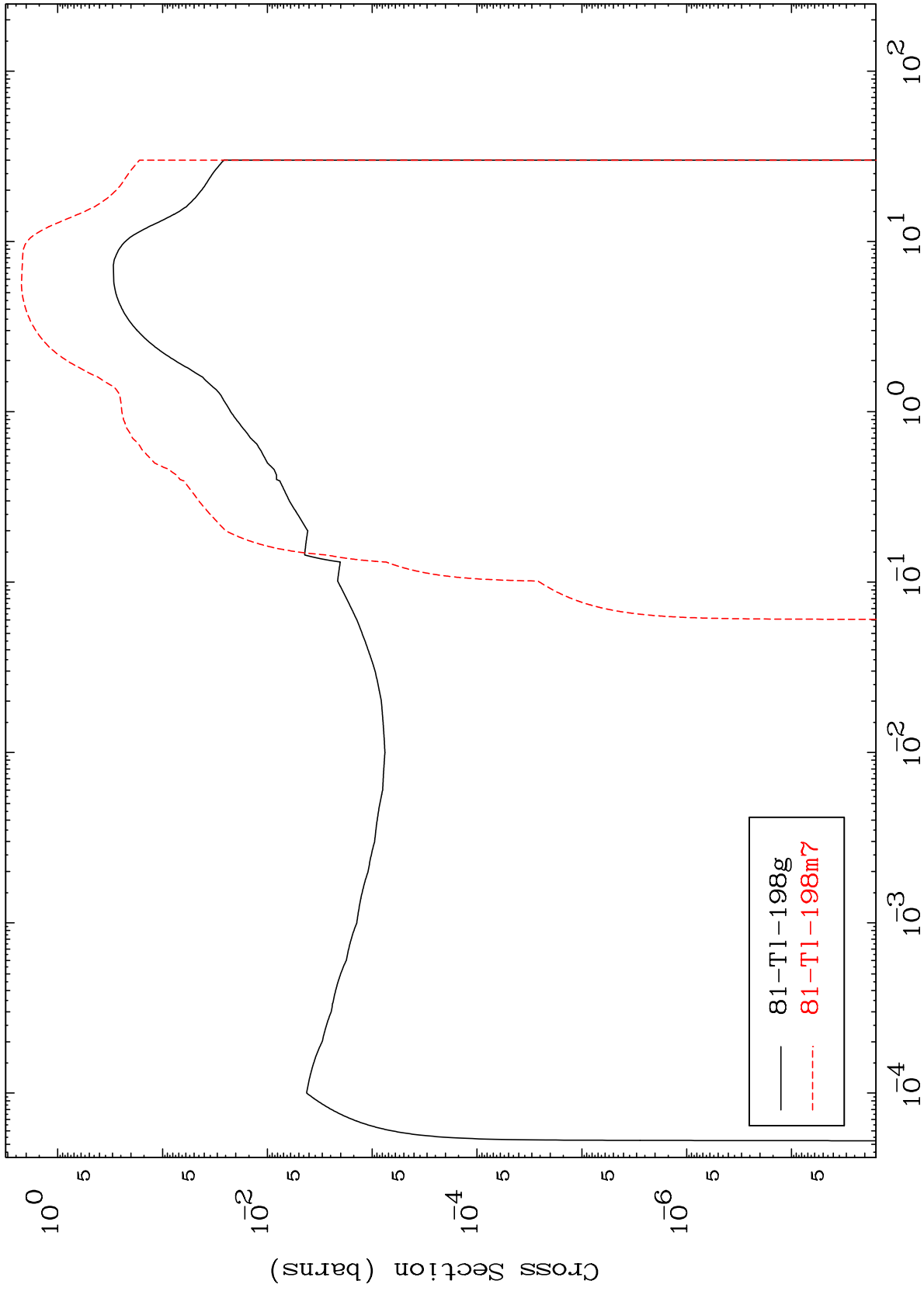
Incident Energy (MeV)

81-T1-198

MAT 8111

81-Tl-198

Inelastic
Radionuclide Production Cross Section



19

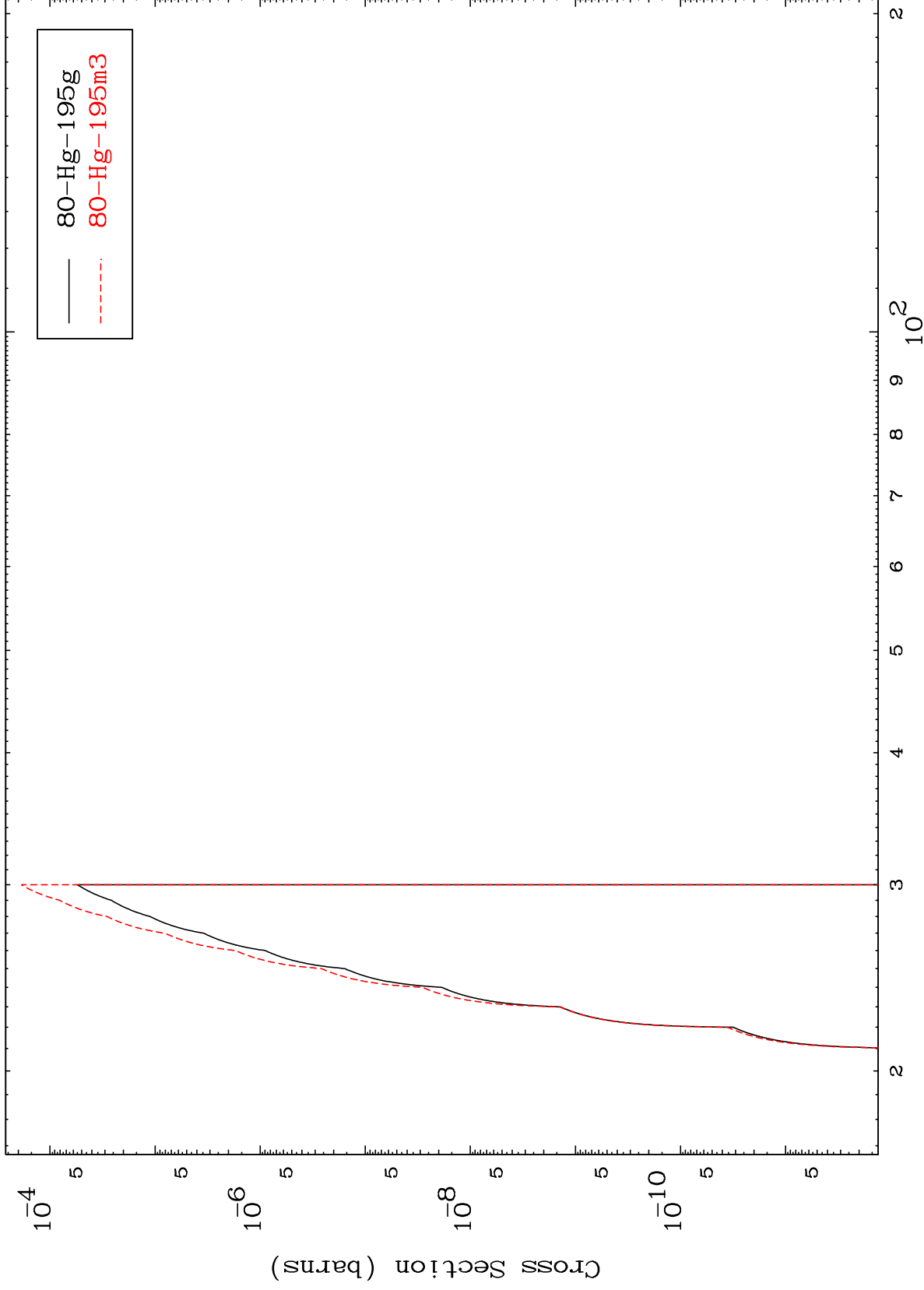
81-Tl-198

MAT 8111

(n,2n) d

81-Tl-198

Radionuclide Production Cross Section



20

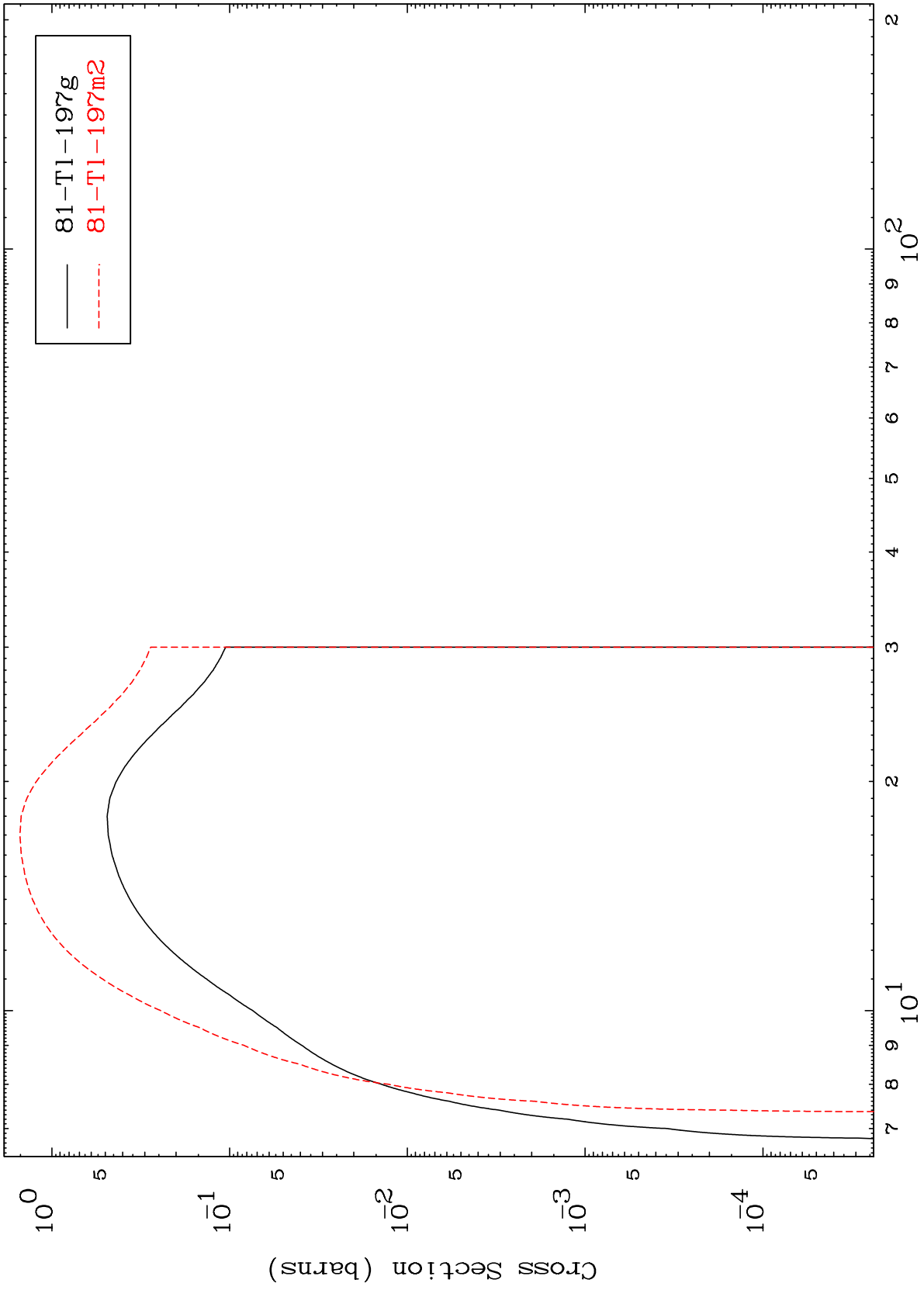
Incident Energy (MeV)

81-Tl-198

MAT 8111

81-Tl-198

(n,2n)
Radionuclide Production Cross Section



21

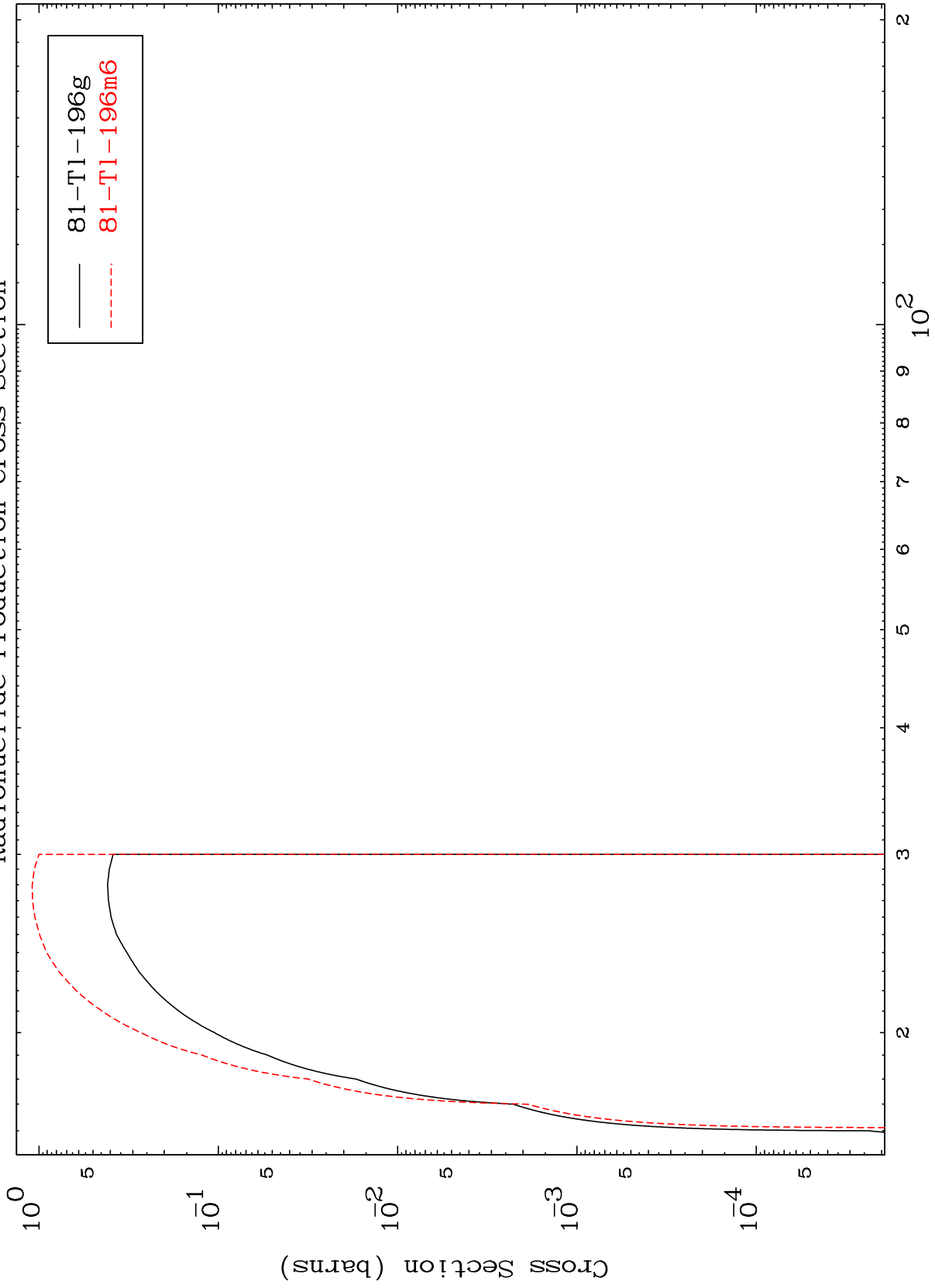
Incident Energy (MeV)

81-Tl-198

MAT 8111

81-Tl-198

(n,3n)
Radionuclide Production Cross Section



81-Tl-198

Incident Energy (MeV)

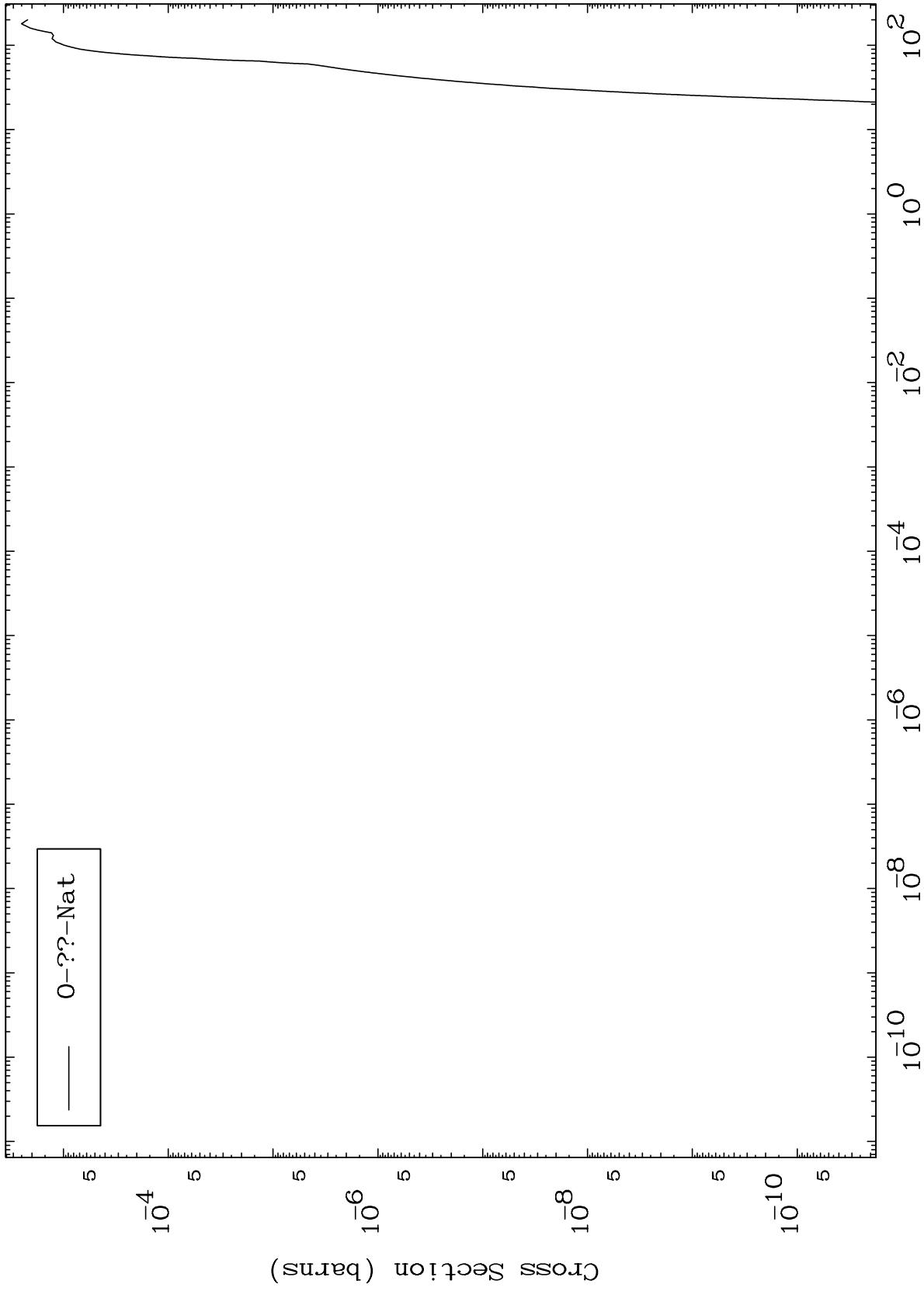
22

MAT 8111

Fission

81-Tl-198

Radionuclide Production Cross Section



0-?-Nat

23

Incident Energy (MeV)

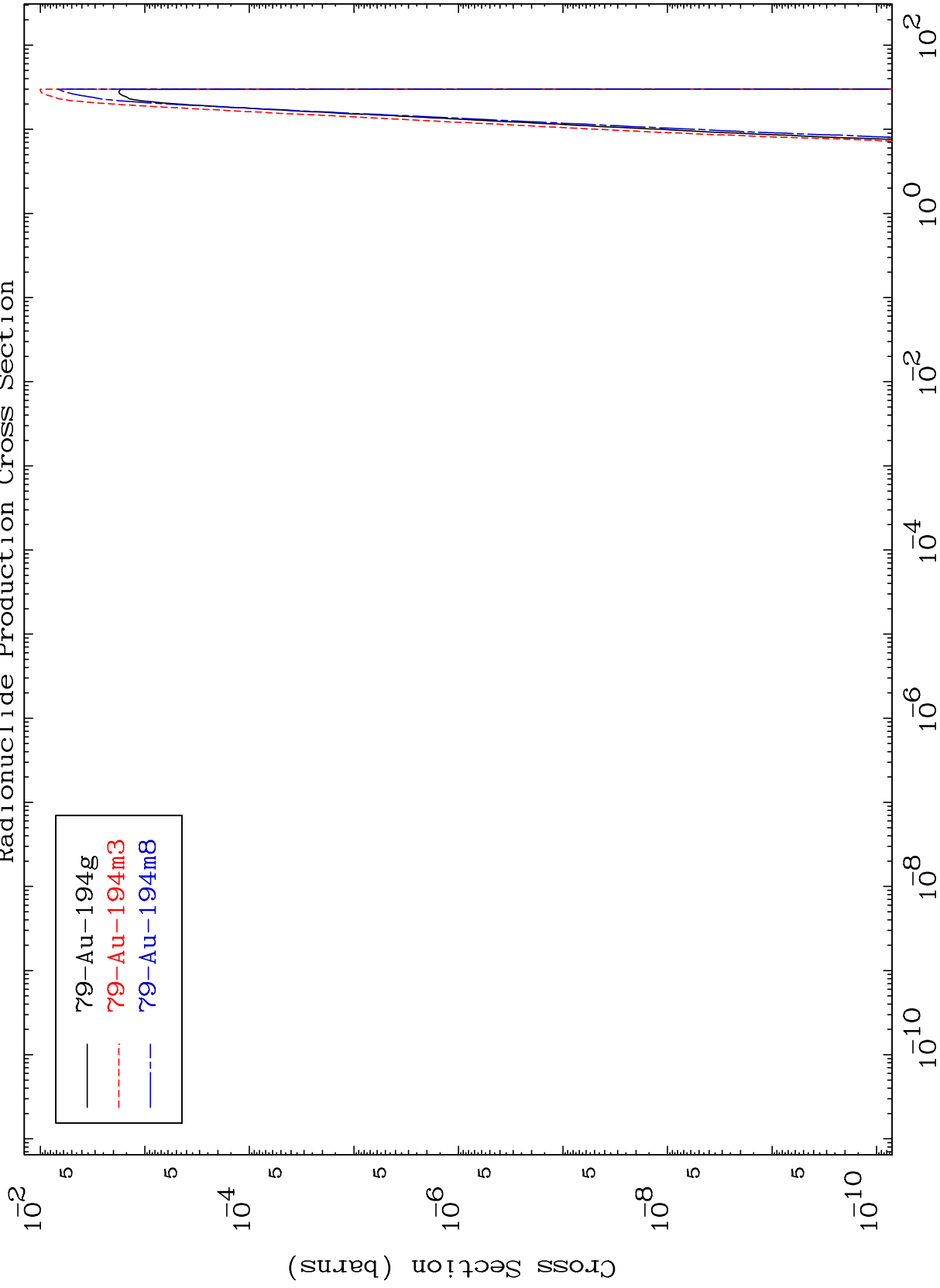
81-Tl-198

MAT 8111

(n,n') α

81-Tl-198

Radionuclide Production Cross Section



24

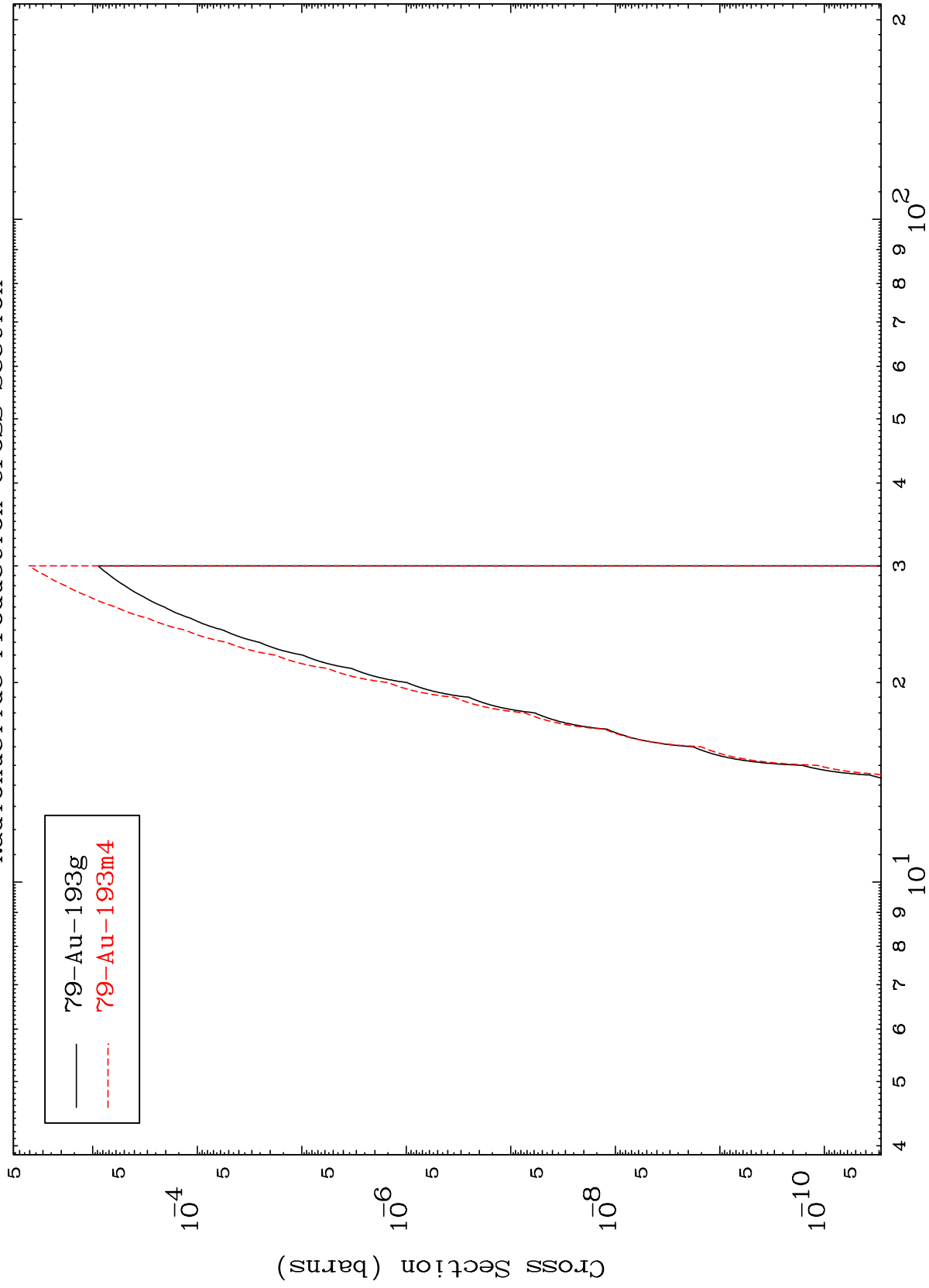
Incident Energy (MeV)

81-Tl-198

MAT 8111

81-Tl-198

(n,2n) α
Radionuclide Production Cross Section



25

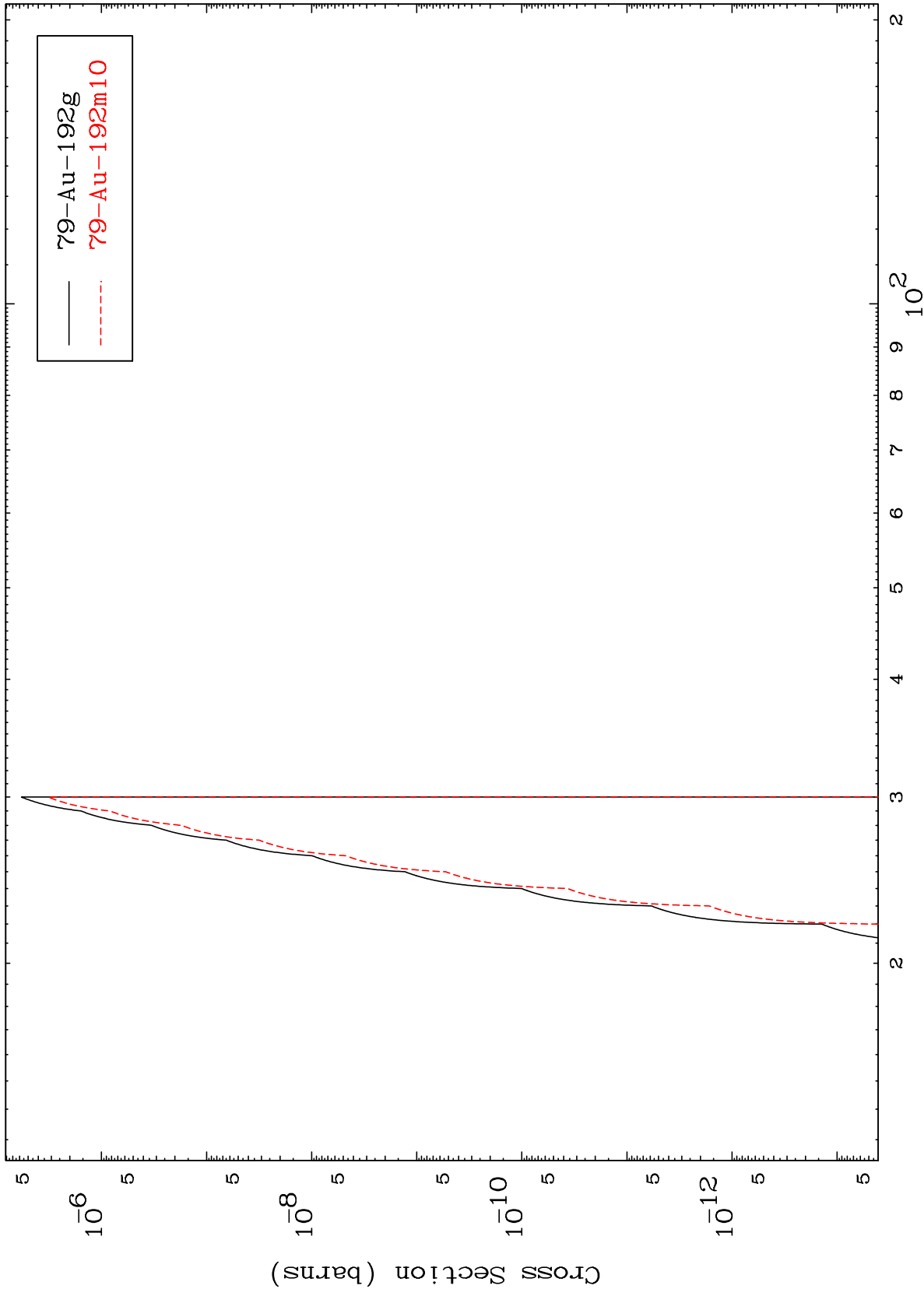
81-Tl-198

MAT 8111

(n,3n) α

81-Tl-198

Radionuclide Production Cross Section



26

Incident Energy (MeV)

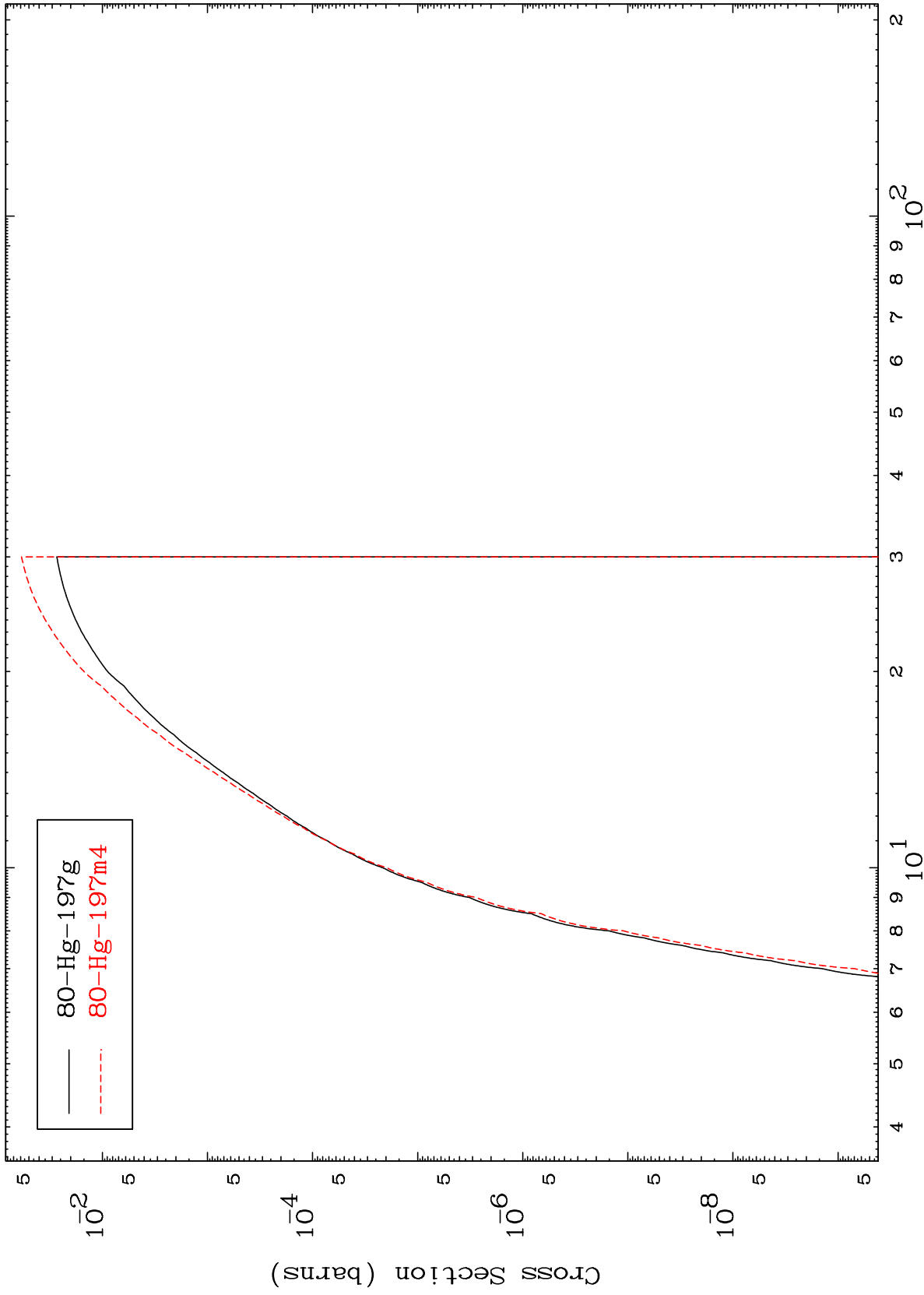
81-Tl-198

MAT 8111

(n,n') p

81-Tl-198

Radionuclide Production Cross Section



27

Incident Energy (MeV)

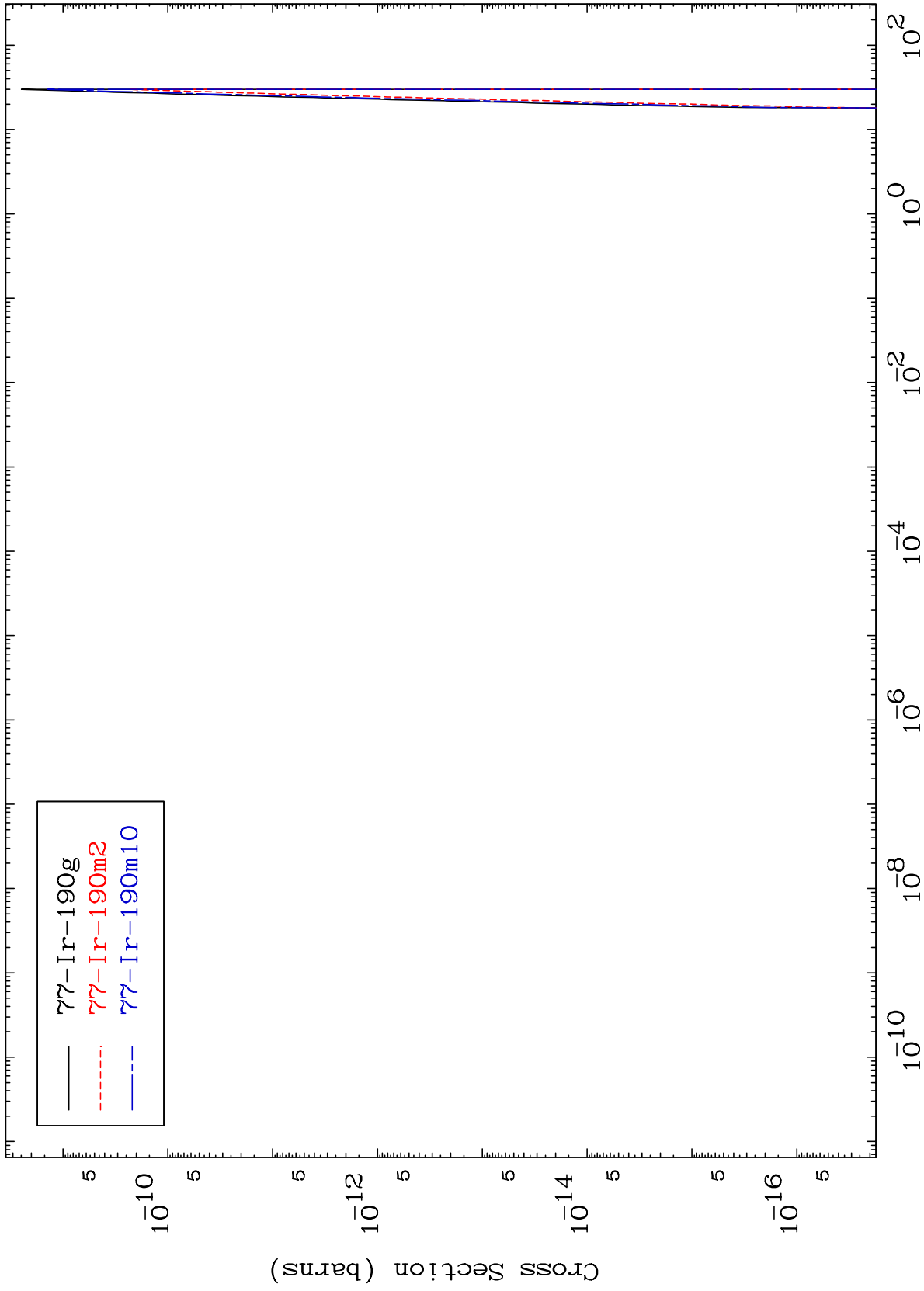
81-Tl-198

MAT 8111

(n,n') 2 α

81-Tl-198

Radionuclide Production Cross Section



28

Incident Energy (MeV)

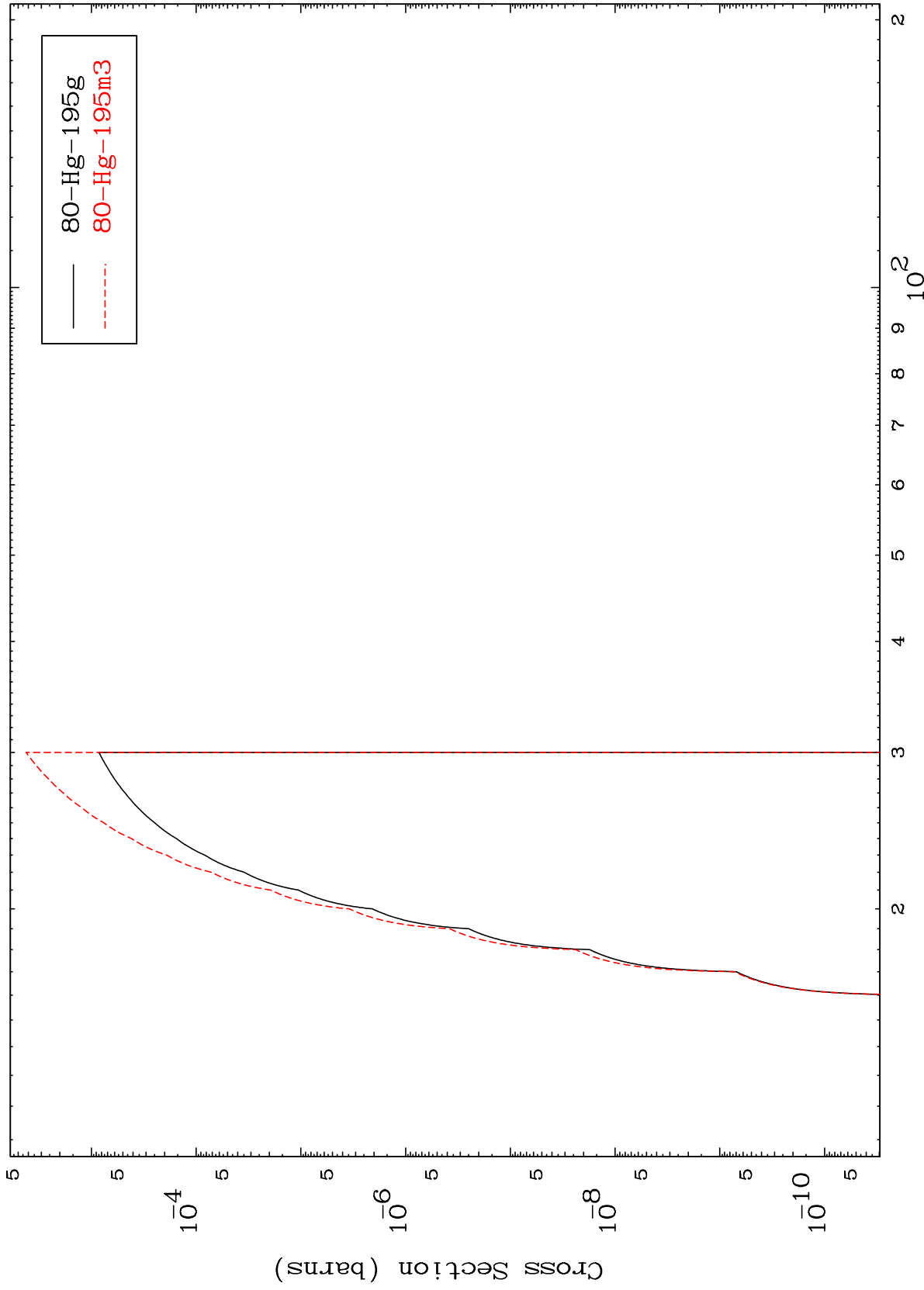
81-Tl-198

MAT 8111

(n,n') t

81-Tl-198

Radionuclide Production Cross Section



29

Incident Energy (MeV)

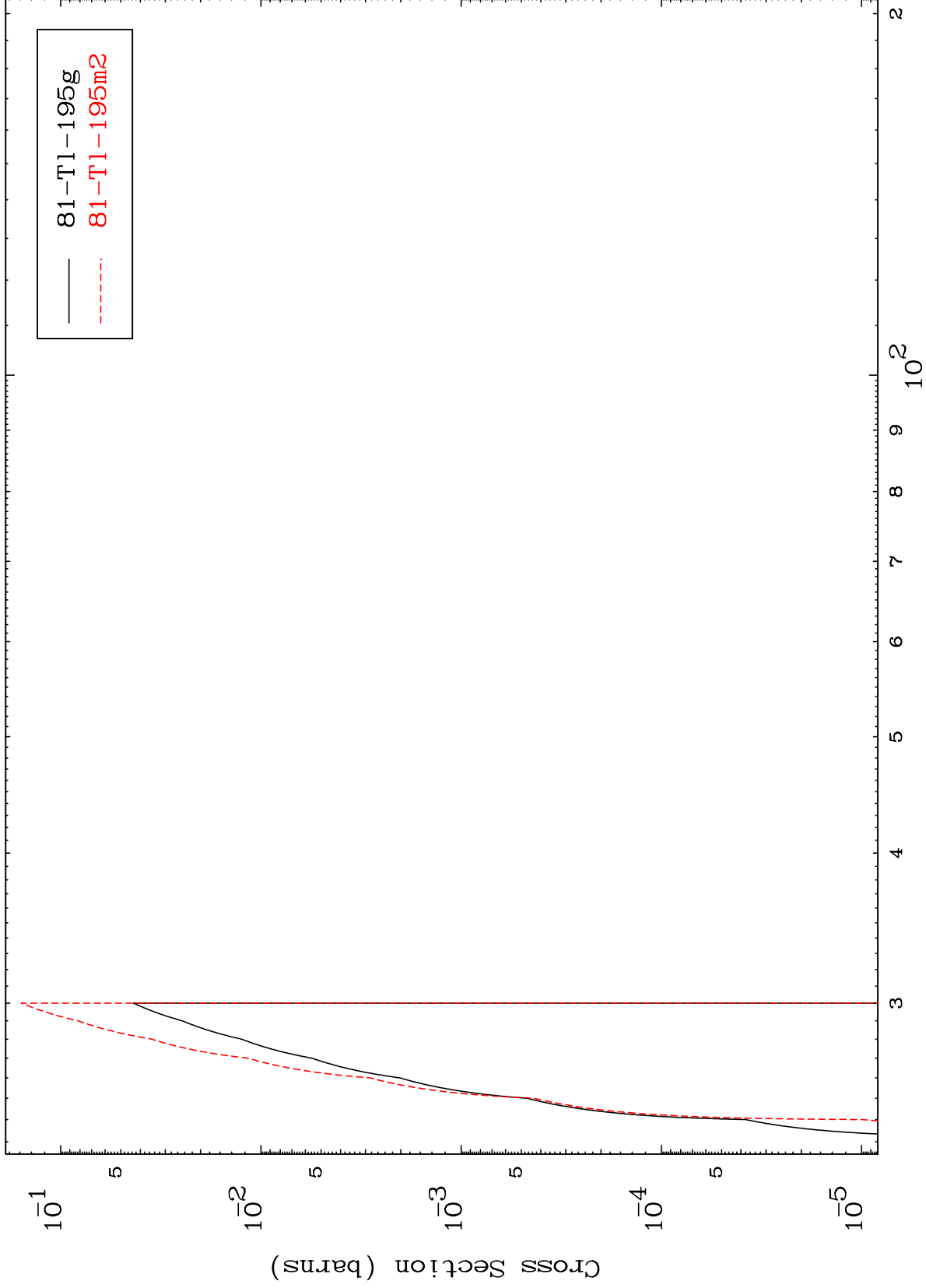
81-Tl-198

MAT 8111

(n,4n)

81-Tl-198

Radionuclide Production Cross Section



31

Incident Energy (MeV)

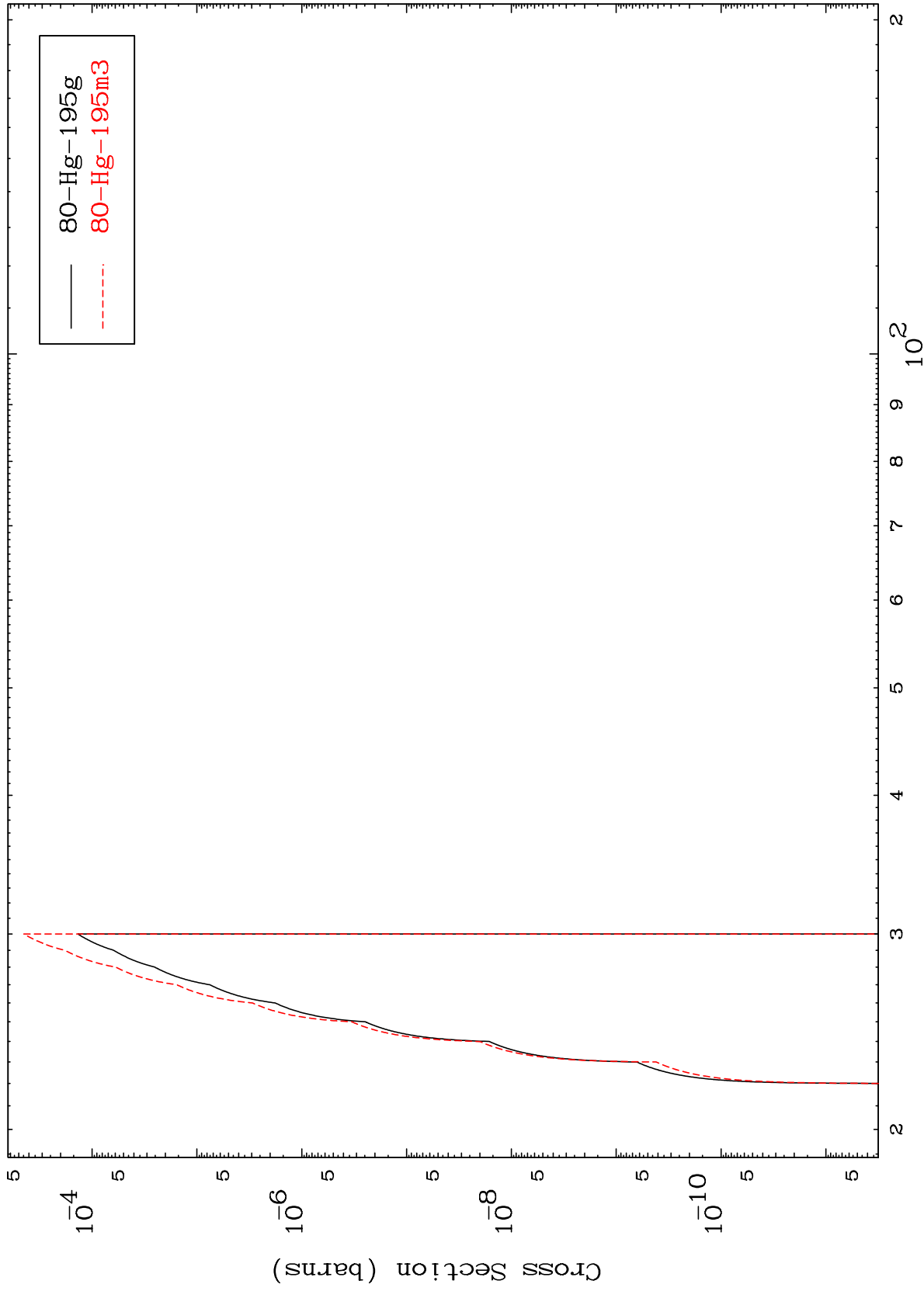
81-Tl-198

MAT 8111

(n,3n) p

81-Tl-198

Radionuclide Production Cross Section



32

Incident Energy (MeV)

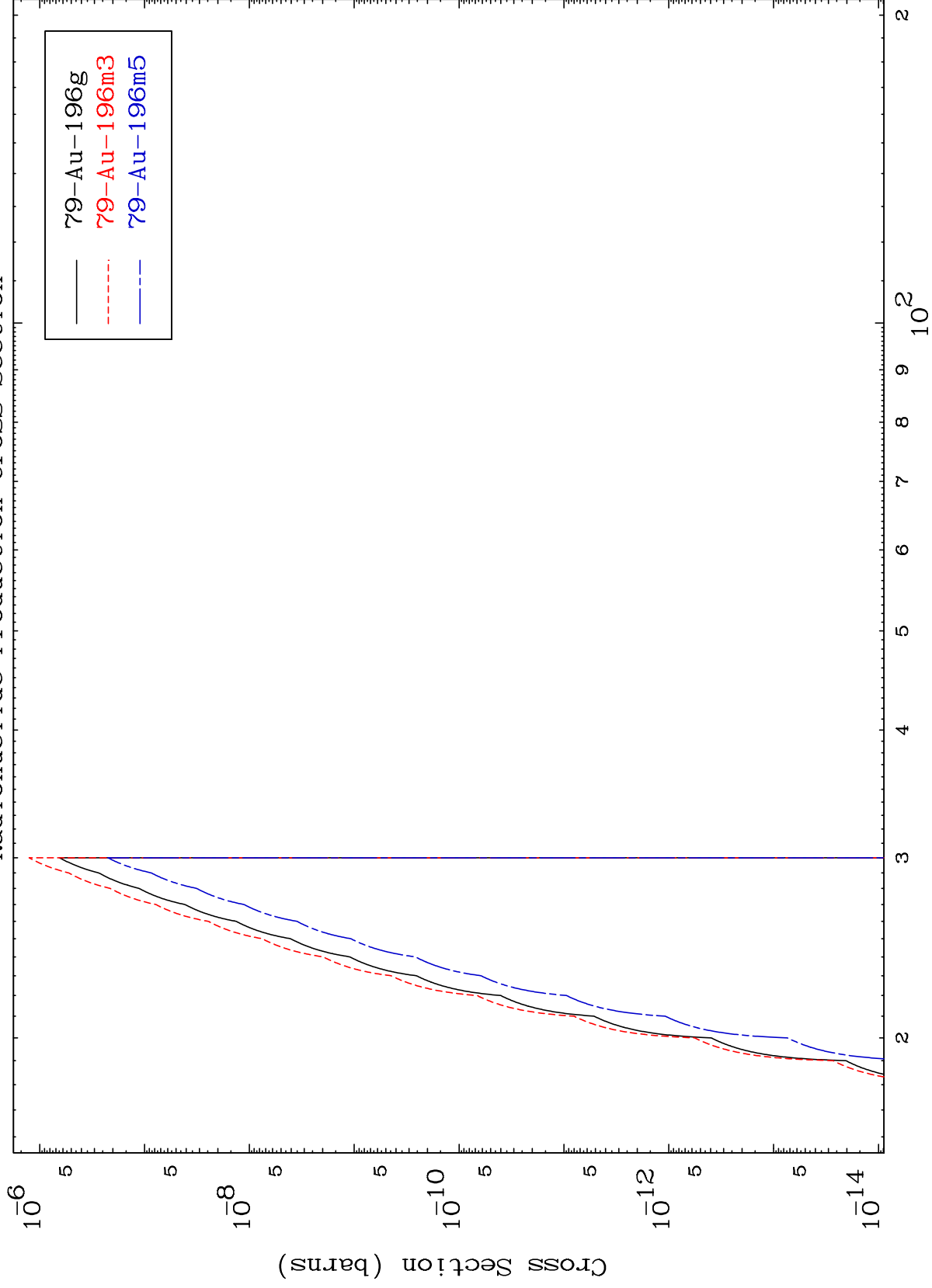
81-Tl-198

MAT 8111

(n,2n) p

81-Tl-198

Radionuclide Production Cross Section



33

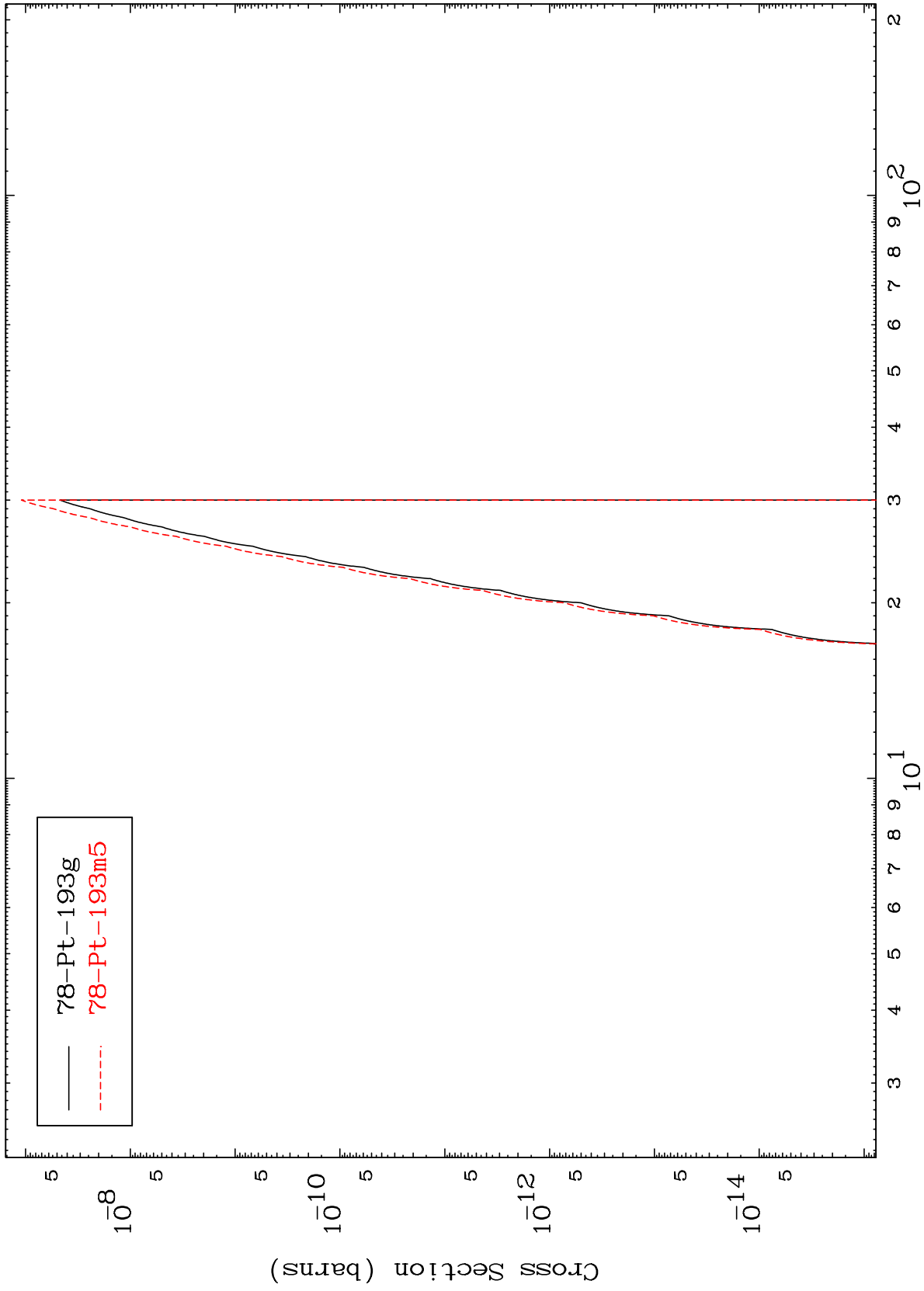
Incident Energy (MeV)

81-Tl-198

MAT 8111

81-T1-198

(n,n') p α
Radionuclide Production Cross Section



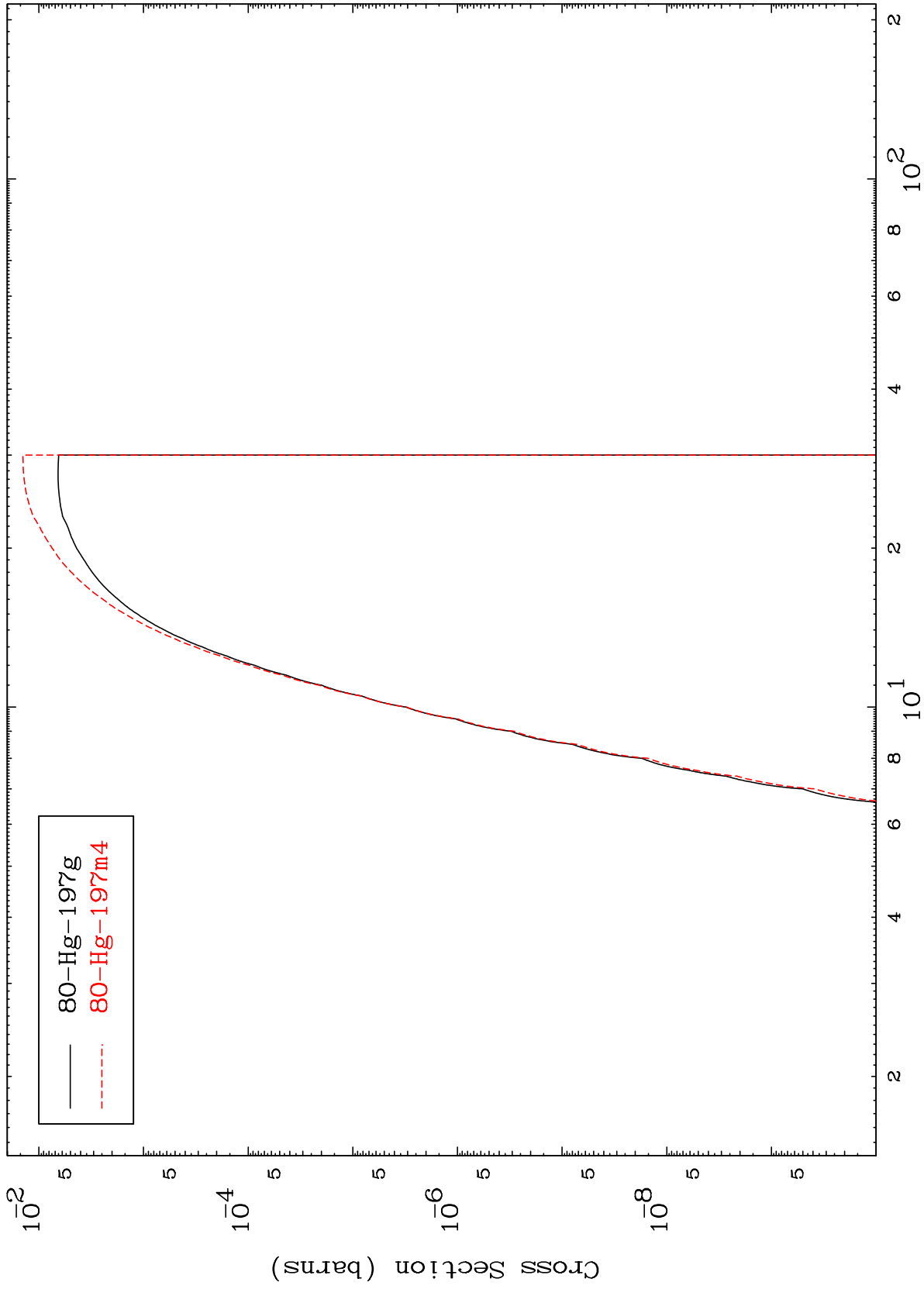
34

81-T1-198

MAT 8111

81-Tl-198

(n,d)
Radionuclide Production Cross Section



35

Incident Energy (MeV)

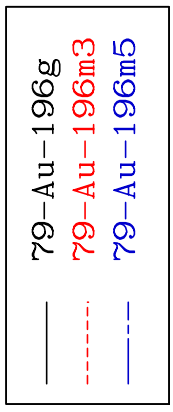
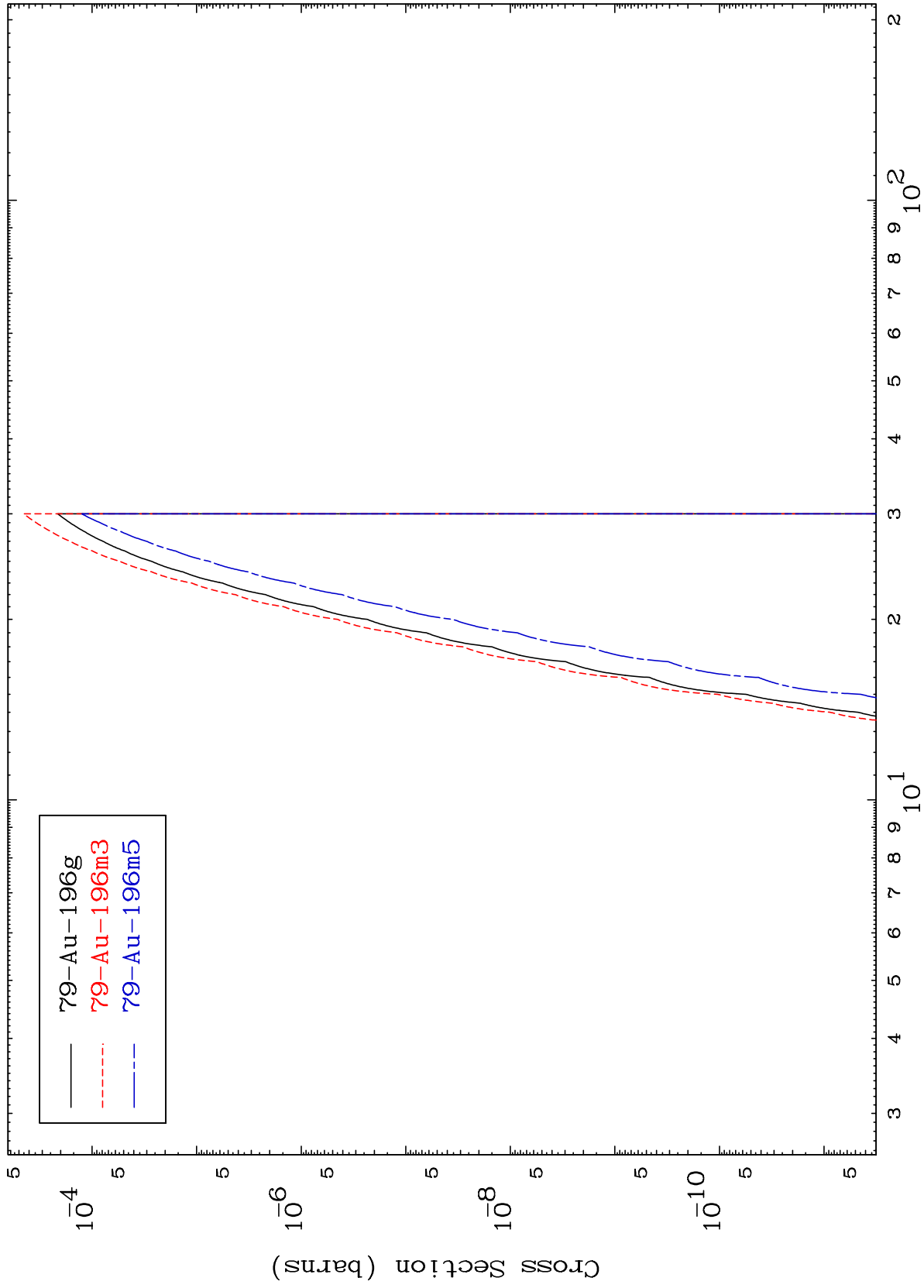
81-Tl-198

MAT 8111

(n,He-3)

81-Tl-198

Radionuclide Production Cross Section



36

Incident Energy (MeV)

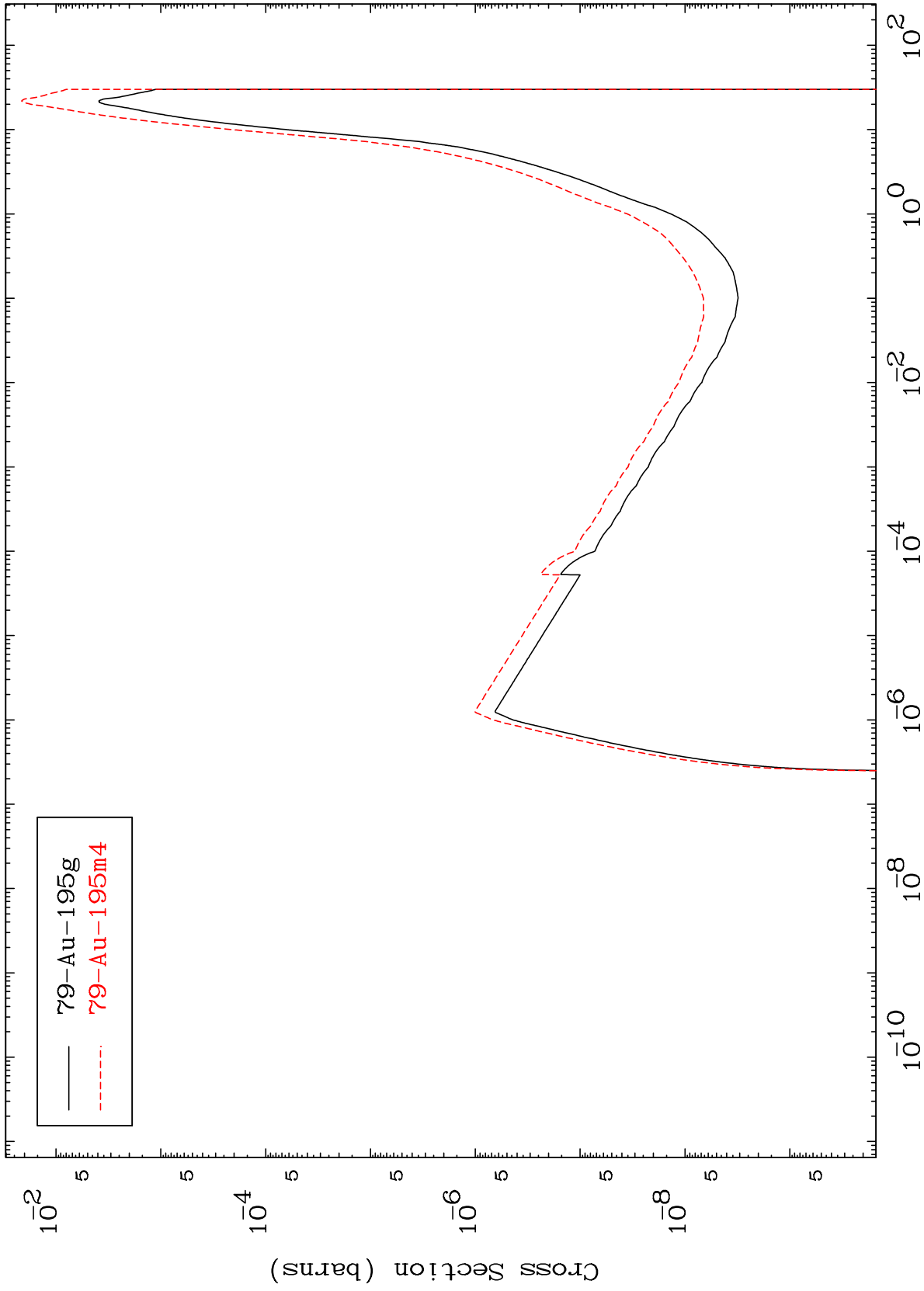
81-Tl-198

MAT 8111

(n, α)

81-Tl-198

Radionuclide Production Cross Section



37

Incident Energy (MeV)

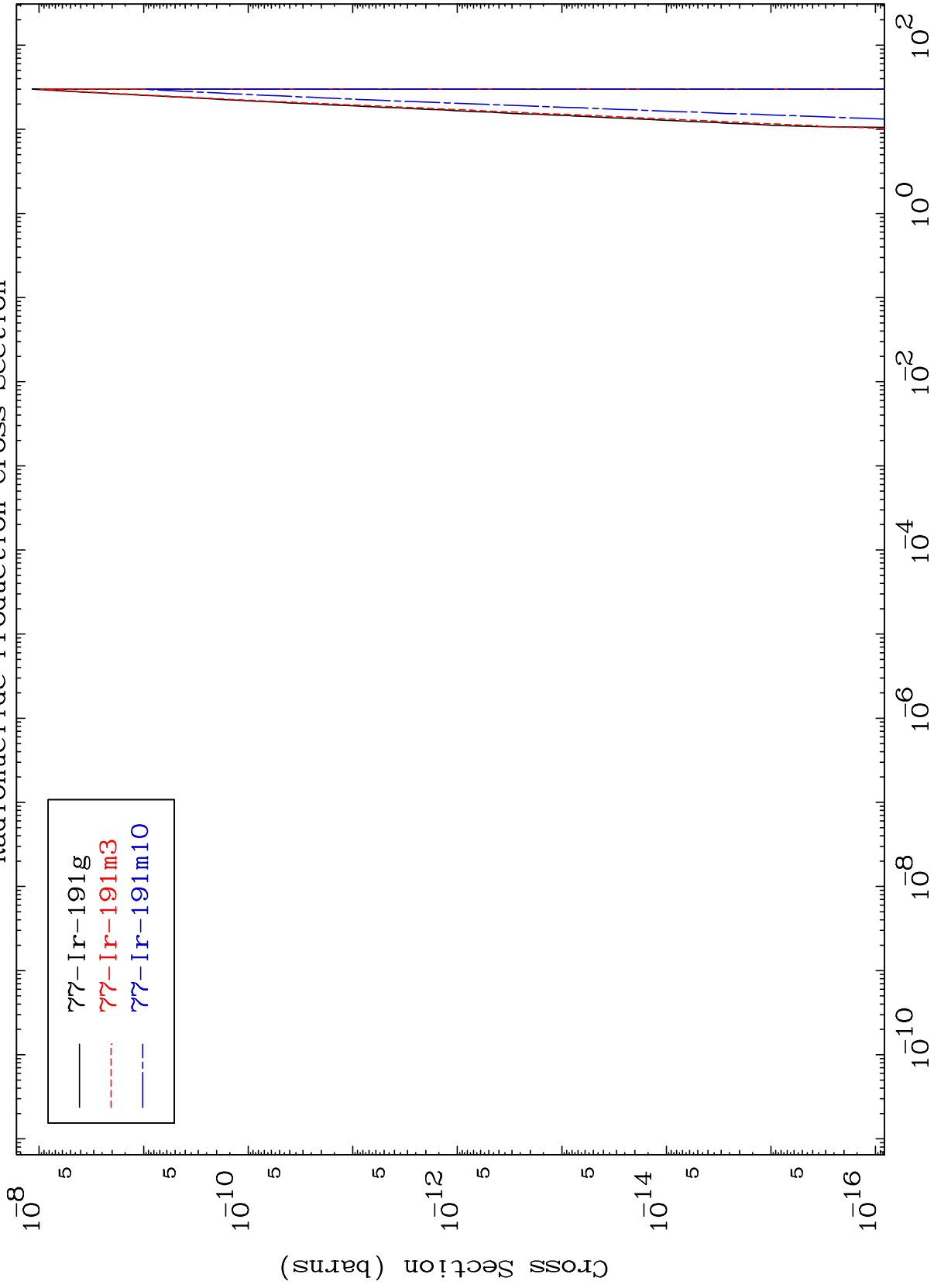
81-Tl-198

MAT 8111

(n,2α)

81-Tl-198

Radionuclide Production Cross Section



38

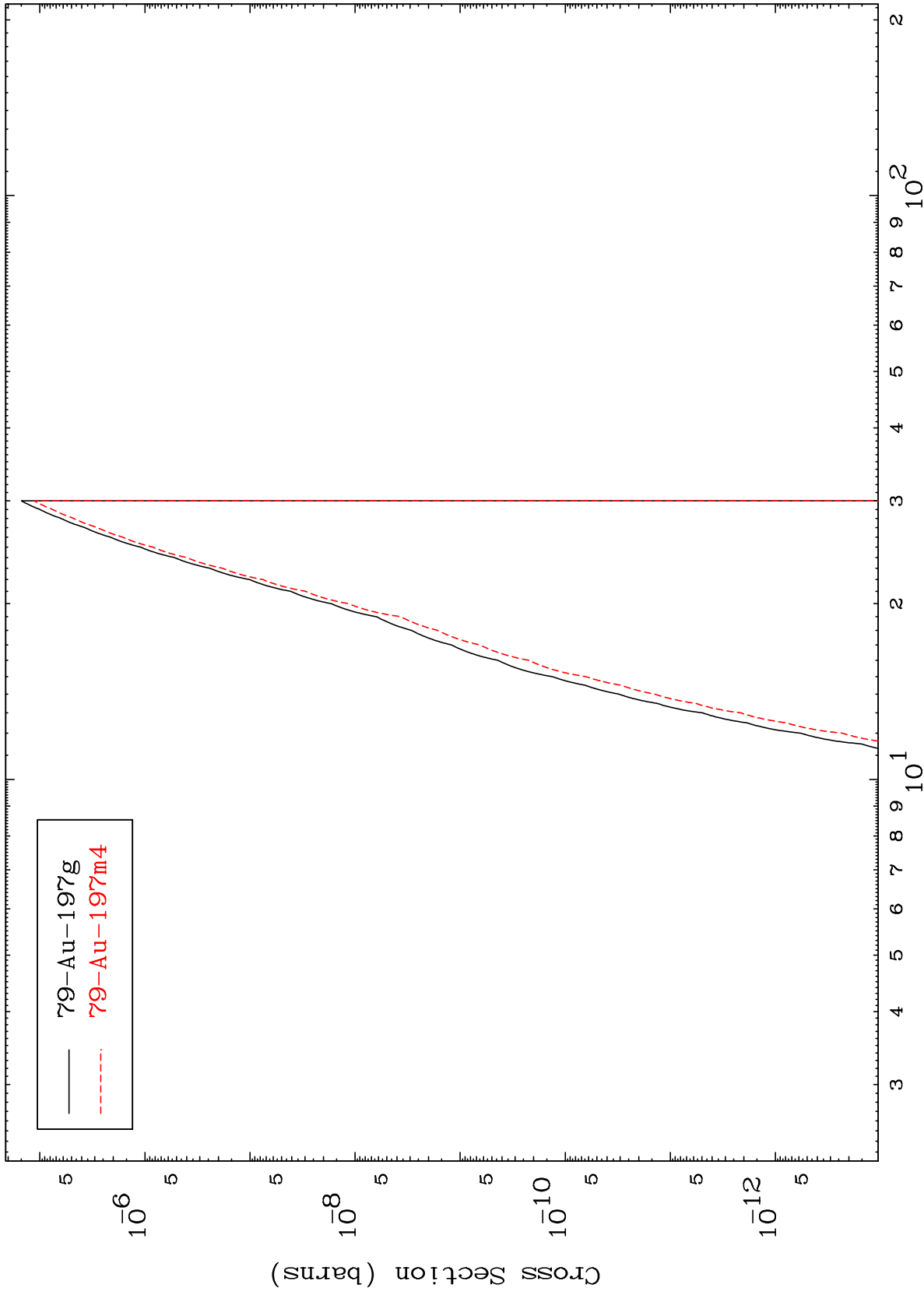
Incident Energy (MeV)

81-Tl-198

MAT 8111

81-Tl-198

Radionuclide Production Cross Section
(n,2p)



39

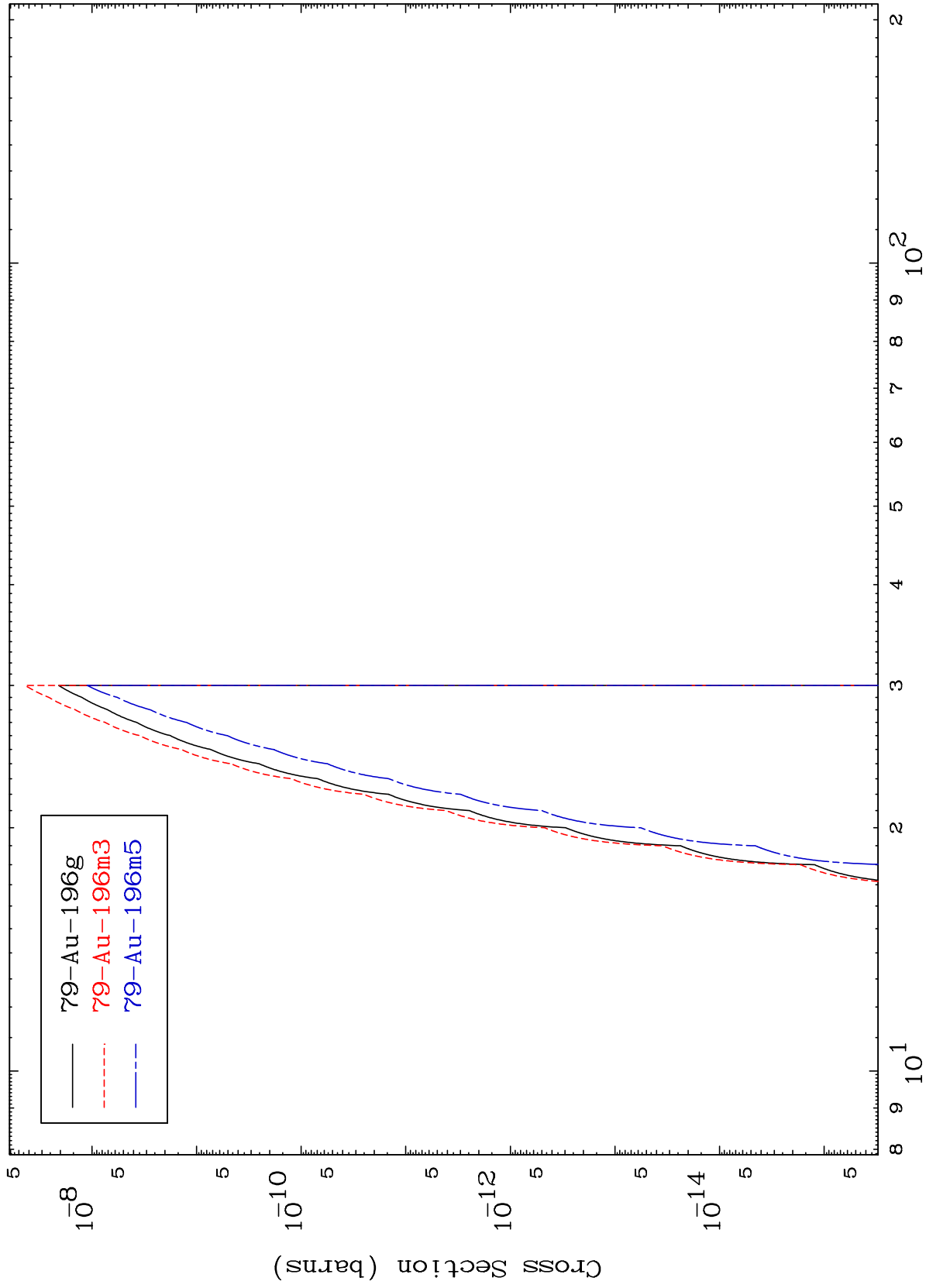
81-Tl-198

MAT 8111

(n,p) d

81-Tl-198

Radionuclide Production Cross Section



40

Incident Energy (MeV)

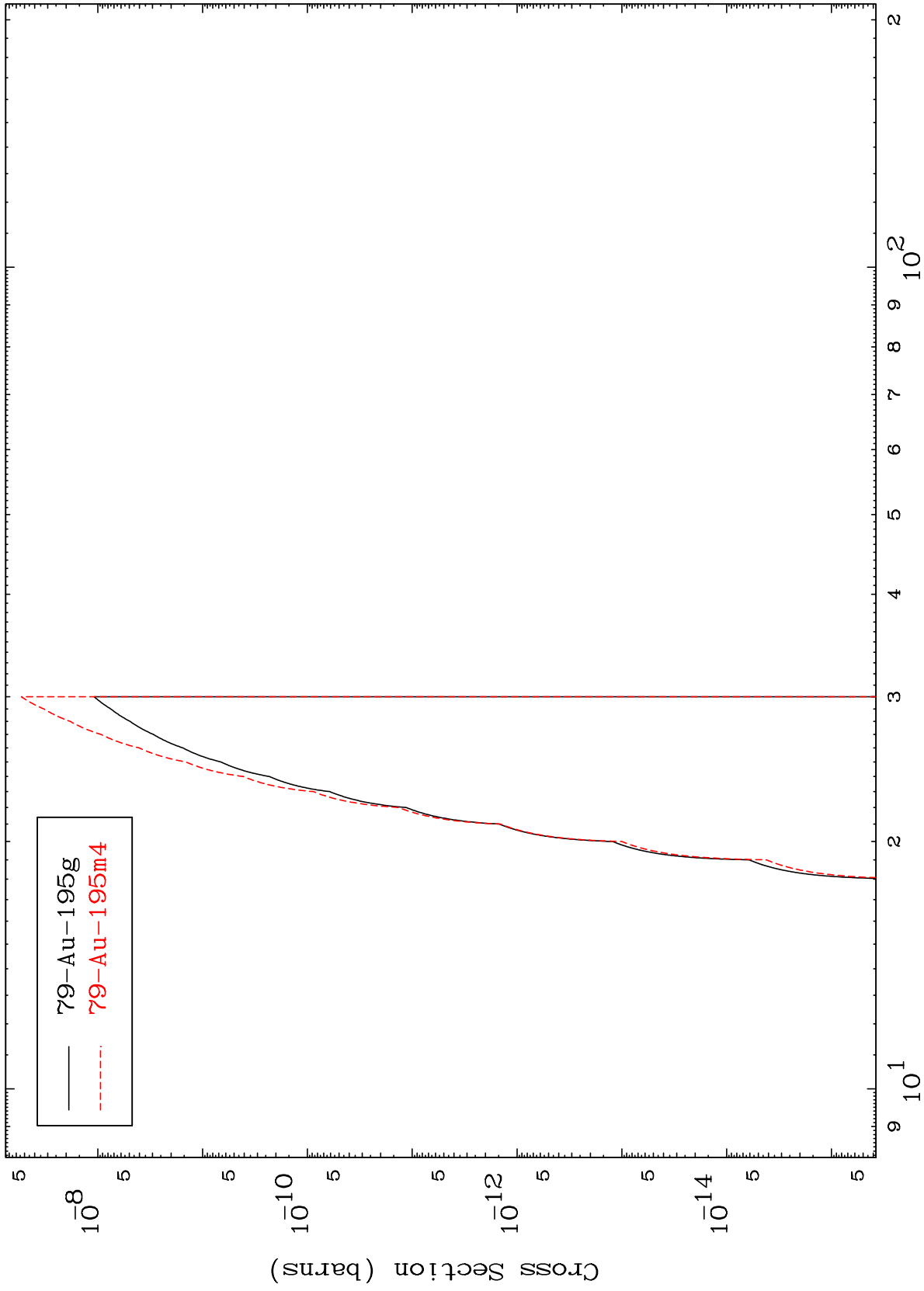
81-Tl-198

MAT 8111

(n,p) t

81-Tl-198

Radionuclide Production Cross Section



41

Incident Energy (MeV)

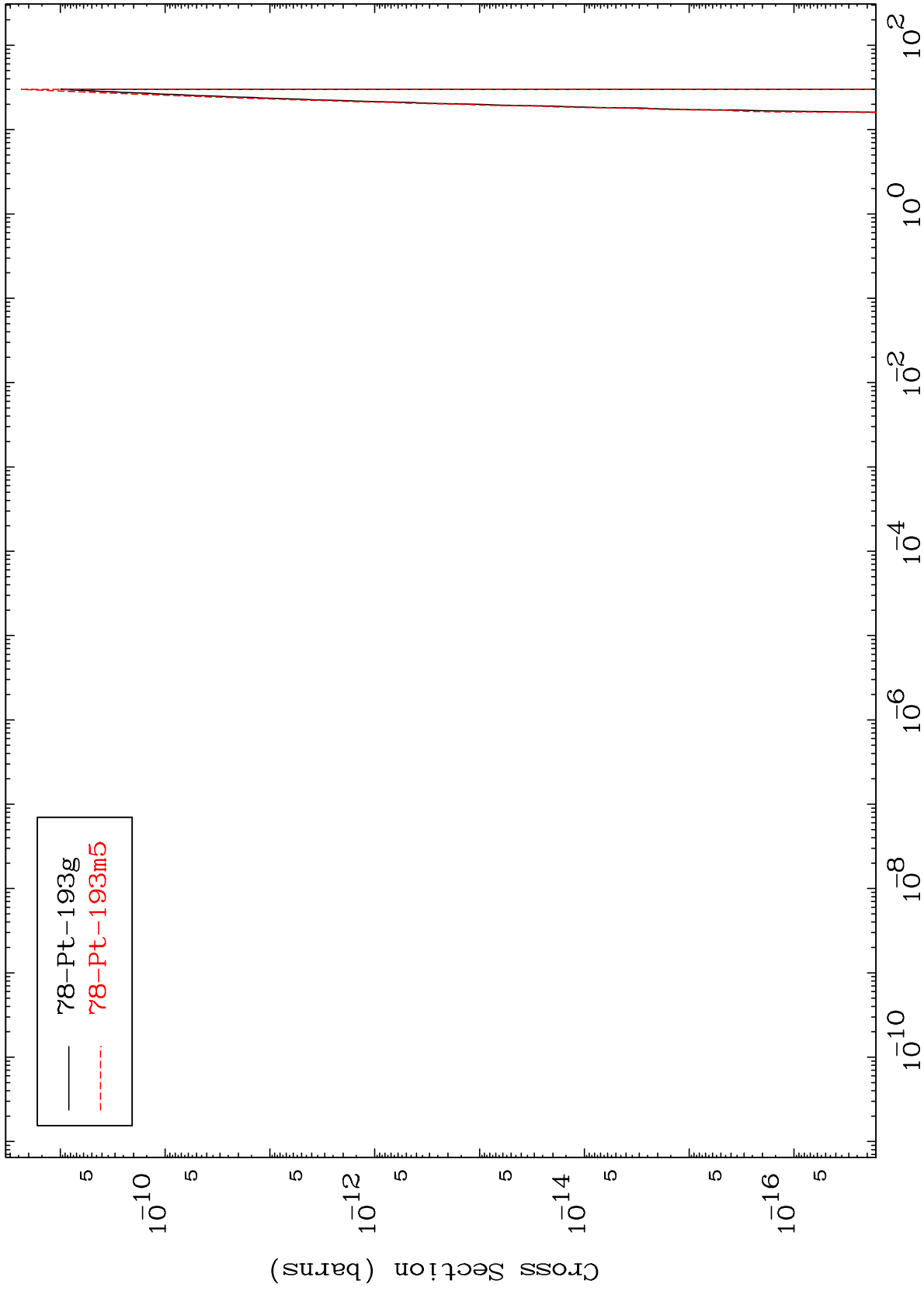
81-Tl-198

MAT 8111

(n,d) α

81-Tl-198

Radionuclide Production Cross Section



42

Incident Energy (MeV)

81-Tl-198