

Program EVALPLOT
(Version 2021-1)

by

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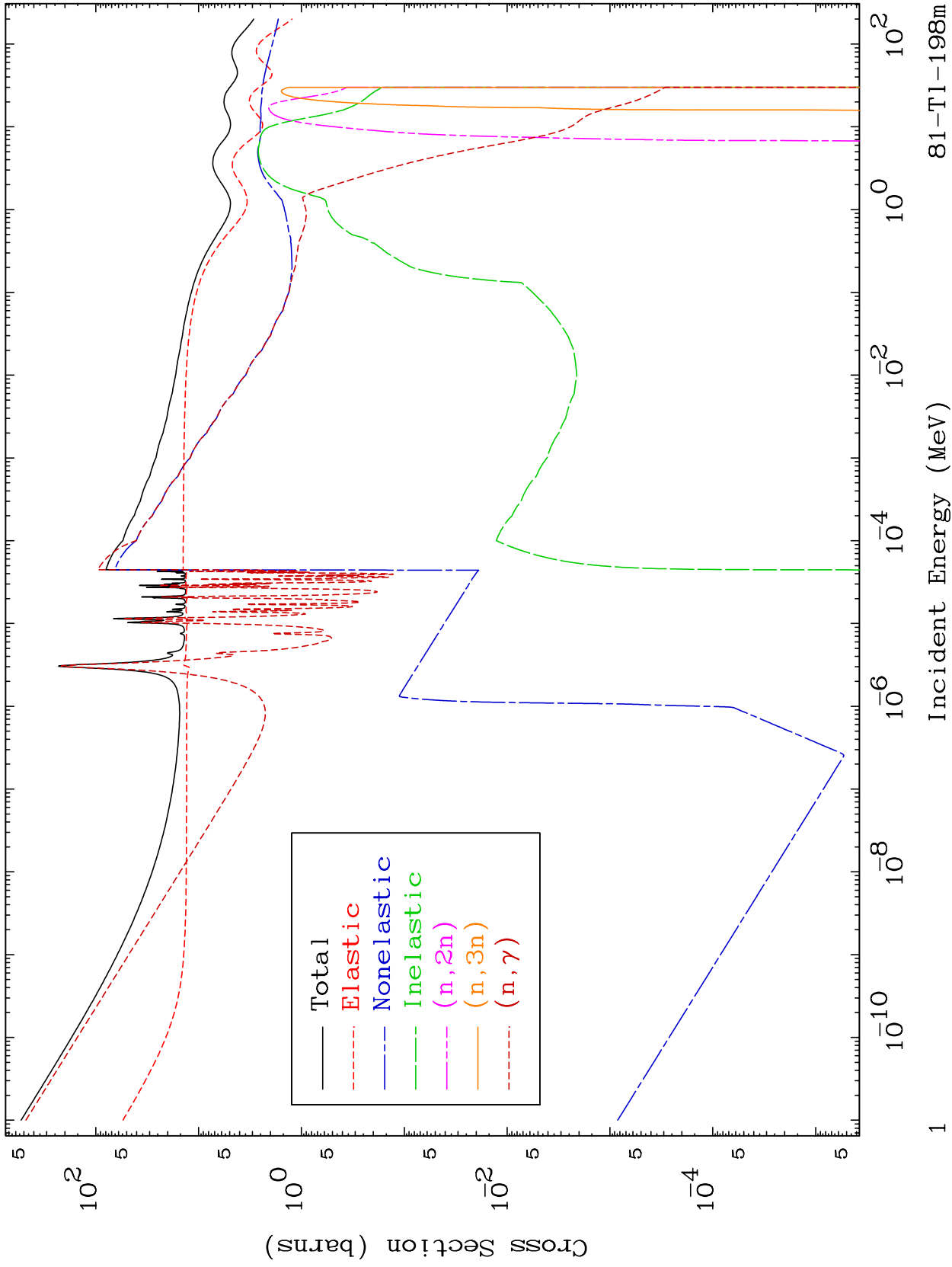
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8111

Neutron Major
293 Kelvin Cross Sections

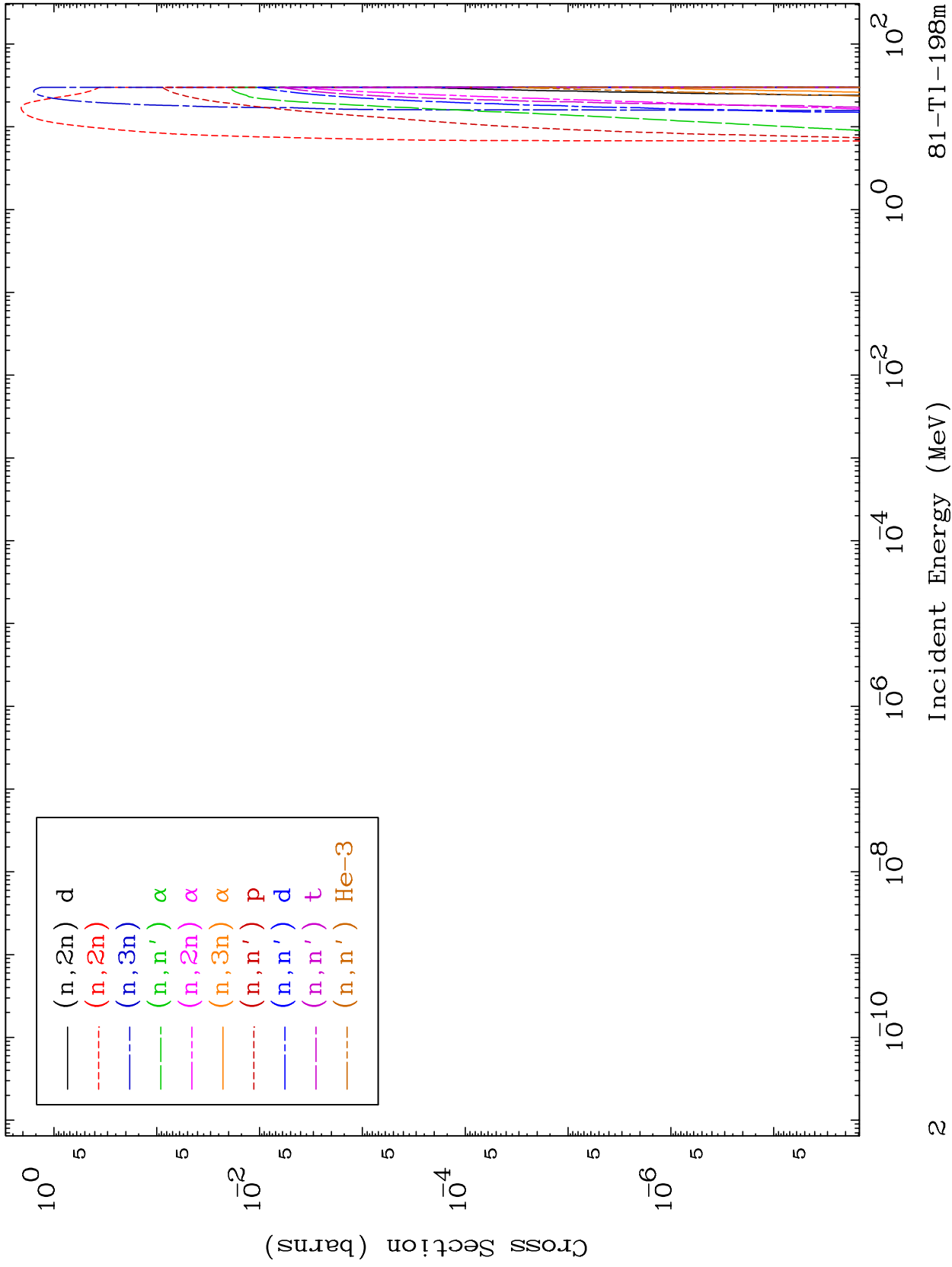
81-TI-198m



MAT 8111

Neutron Absorption
293 Kelvin Cross Sections

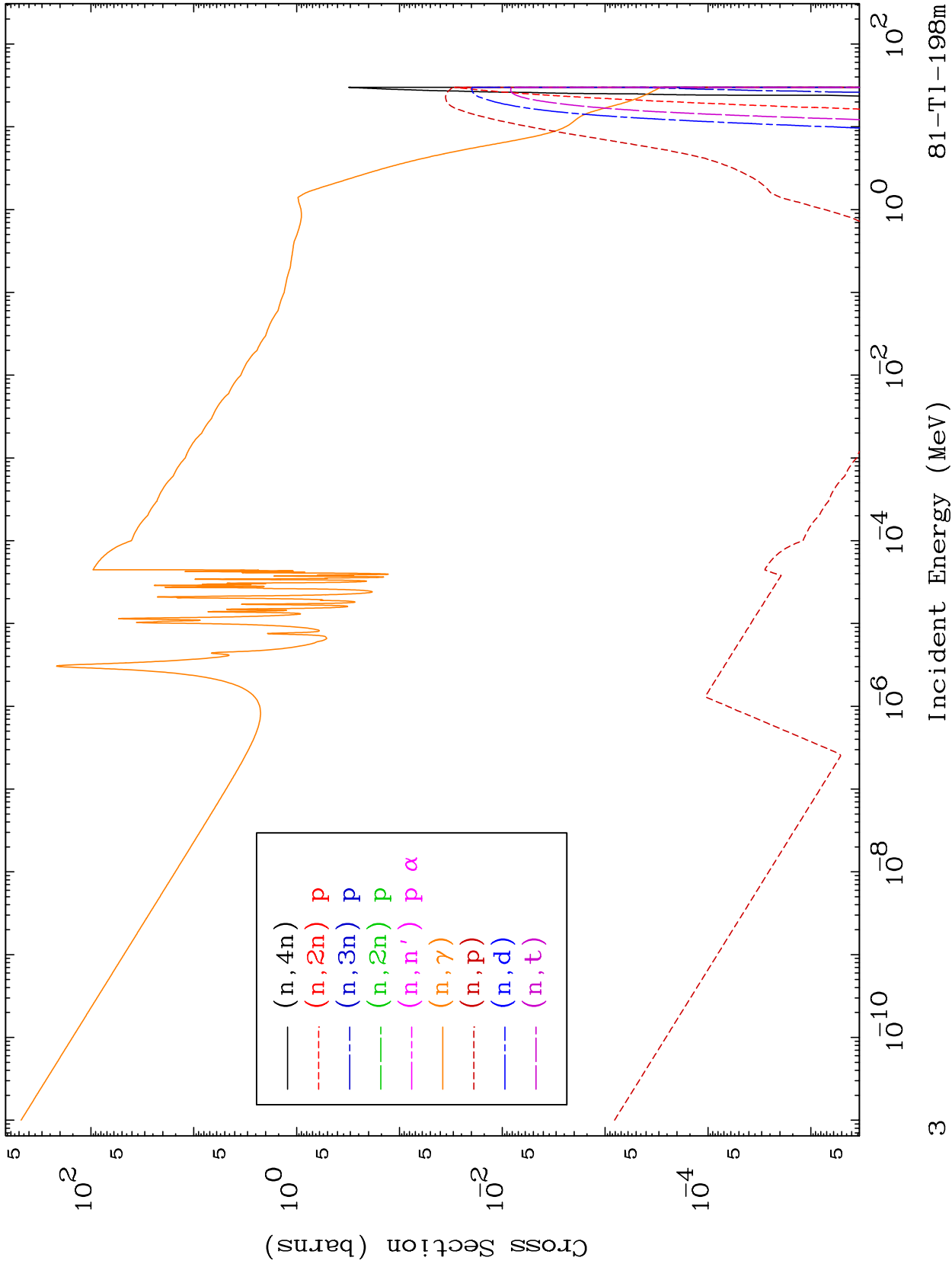
81-Tl-198m



MAT 81111

Neutron Absorption
293 Kelvin Cross Sections

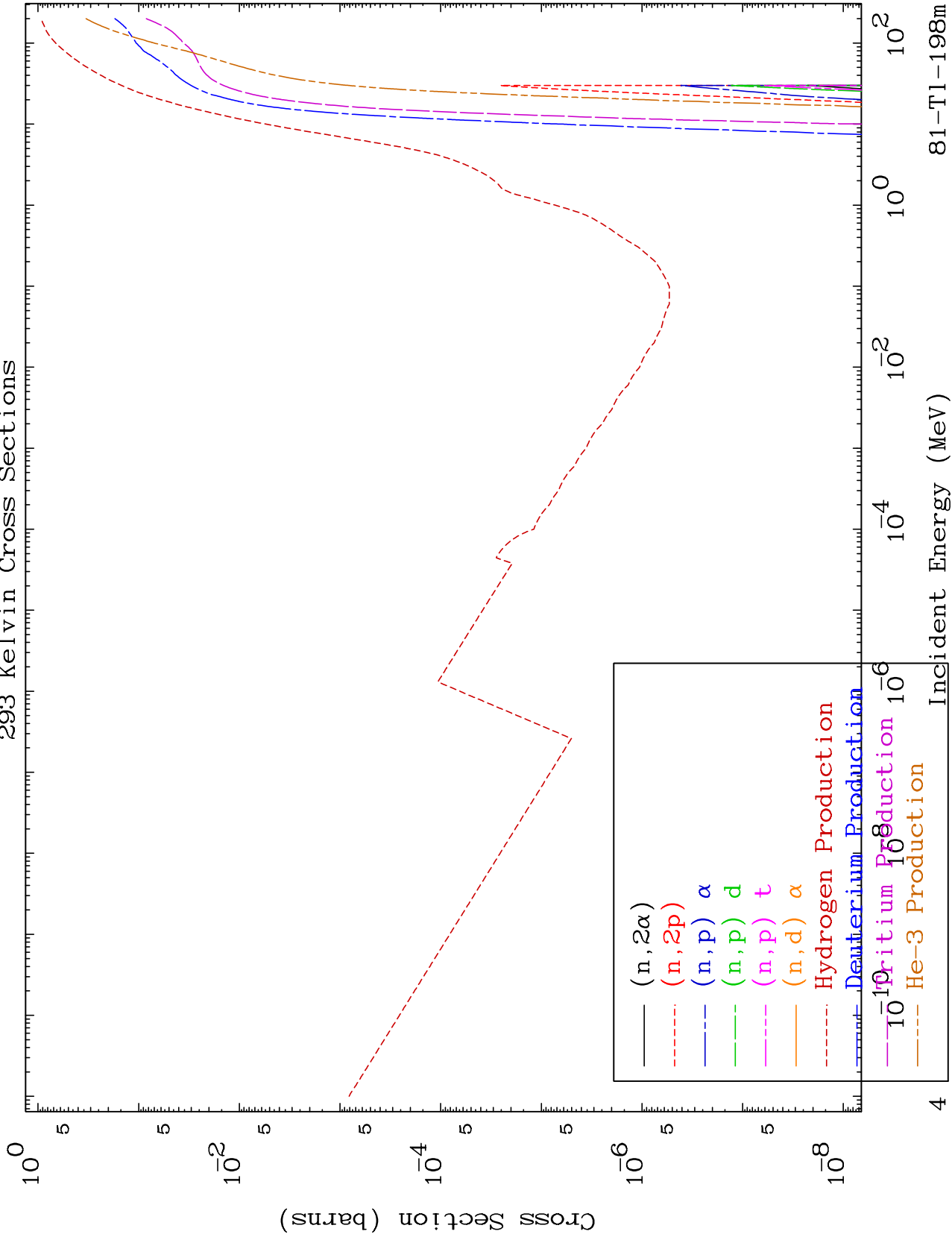
81-TI-198m



MAT 81111

Neutron Absorption
293 Kelvin Cross Sections

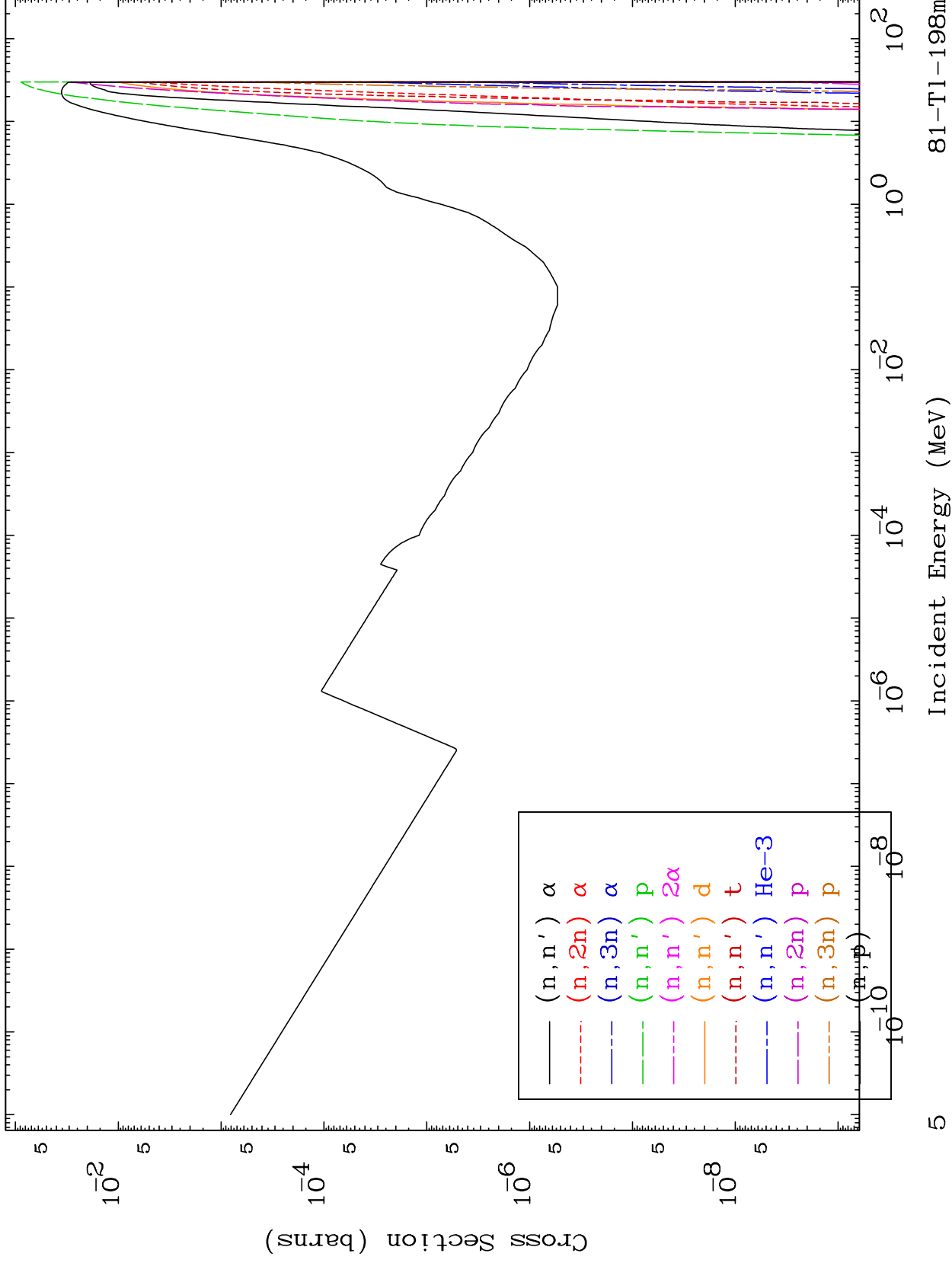
81-TI-198m



MAT 81111

Charged Particle
293 Kelvin Cross Sections

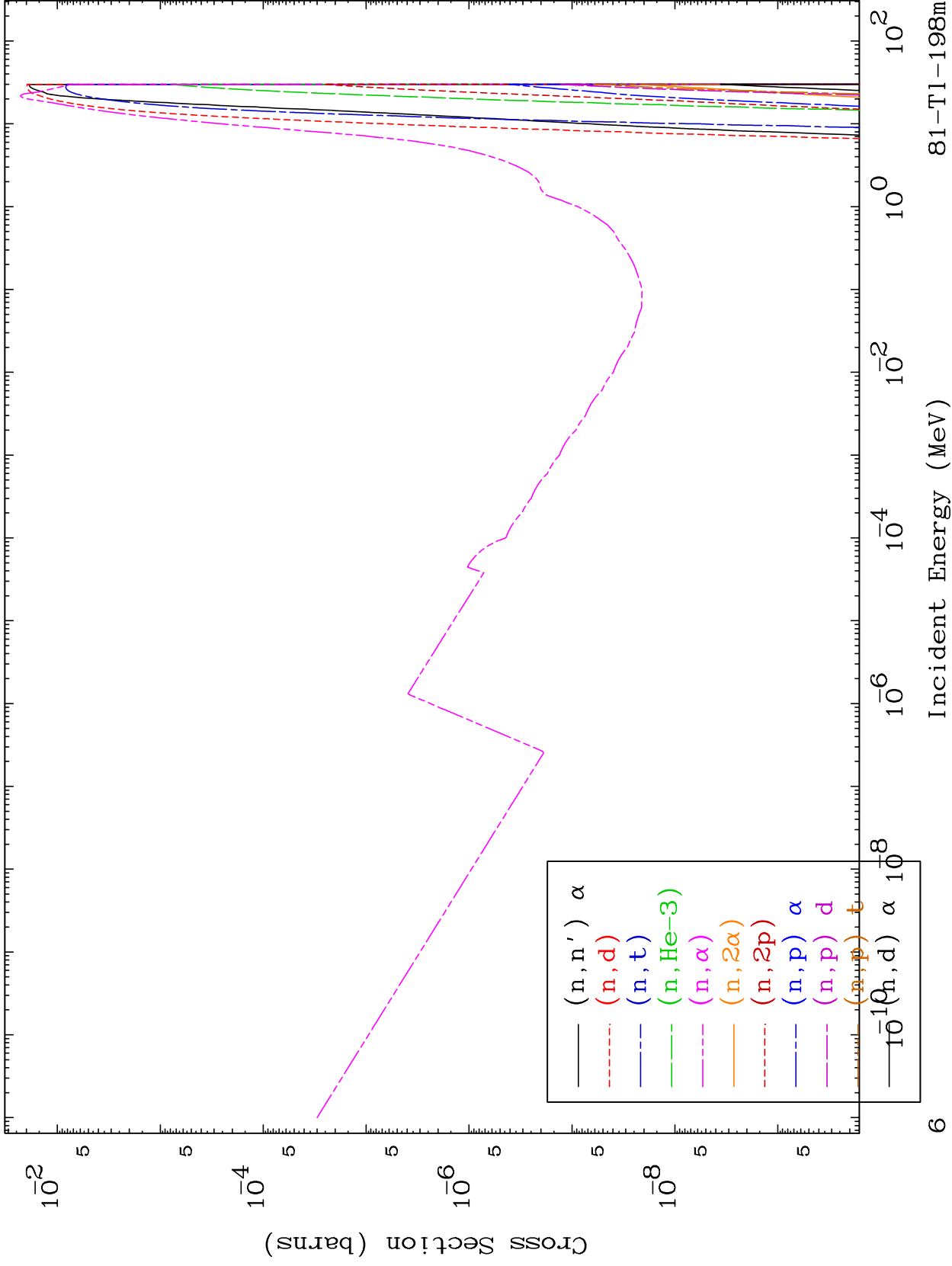
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MAT 81111

Charged Particle
293 Kelvin Cross Sections

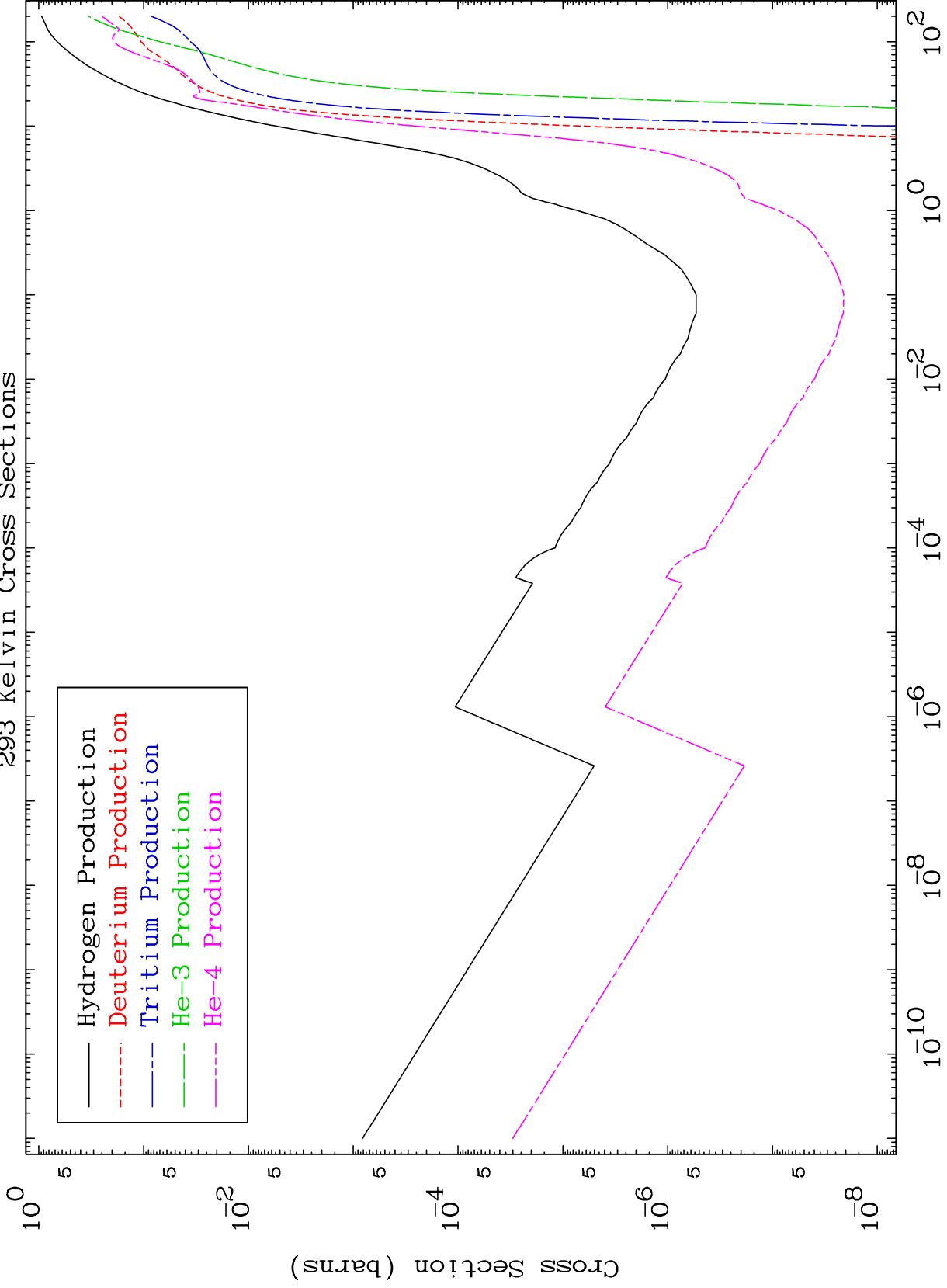
81-Tl-198m



MAT 8111

Particle Production
293 Kelvin Cross Sections

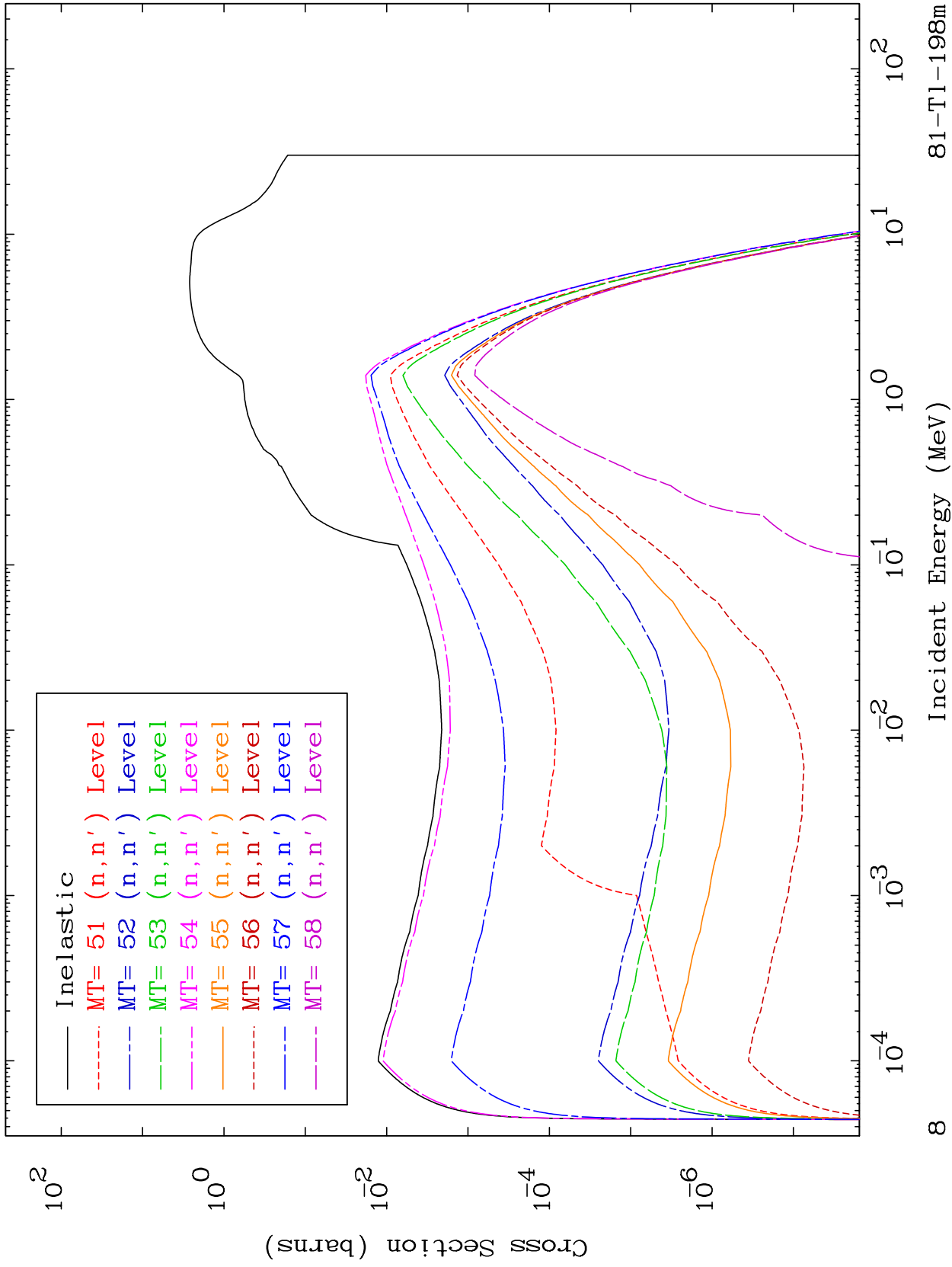
81-Tl-198m



MAT 81111

(n,n') Levels
293 Kelvin Cross Sections

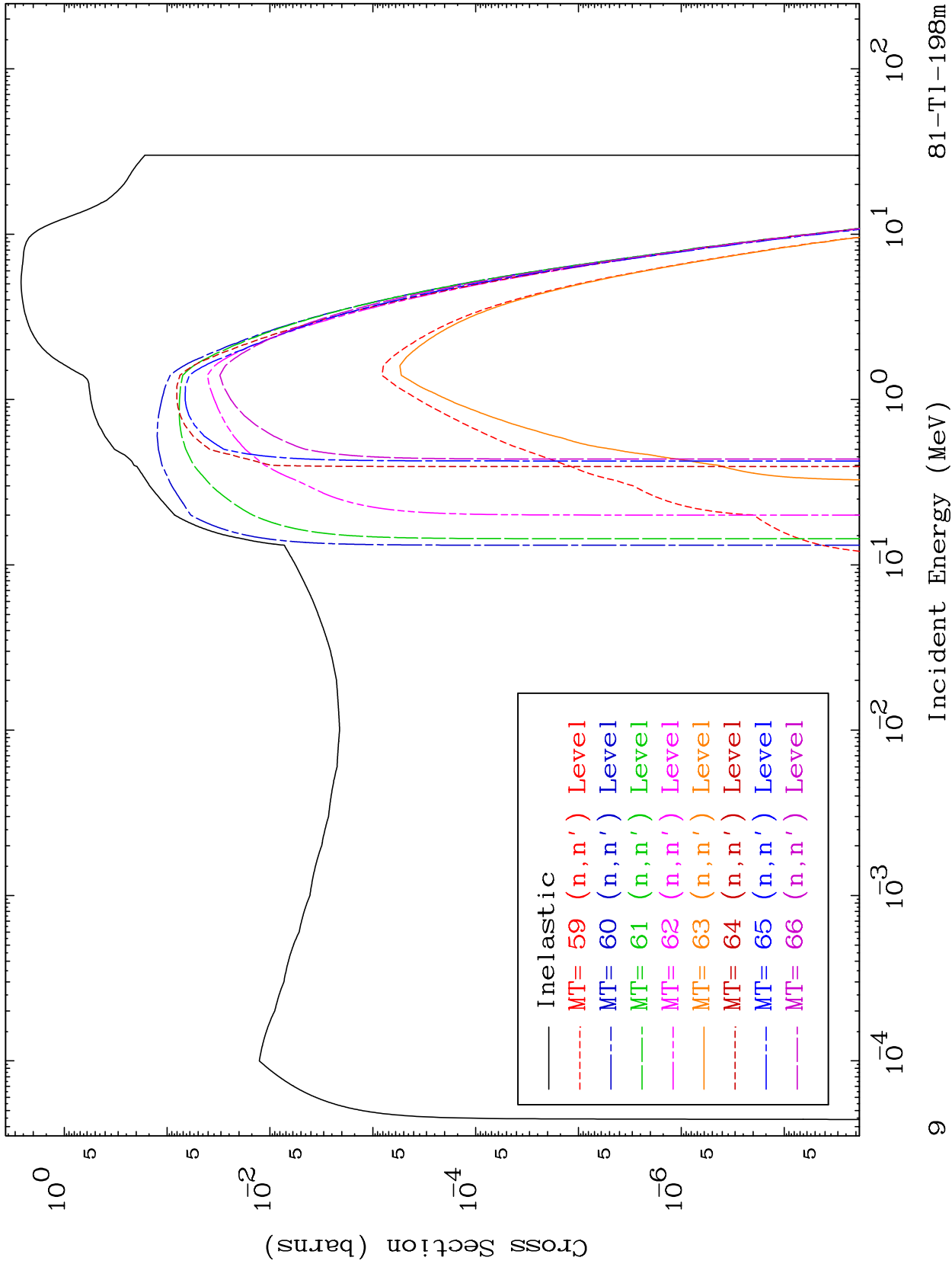
81-TI-198m



MAT 81111

(n,n') Levels
293 Kelvin Cross Sections

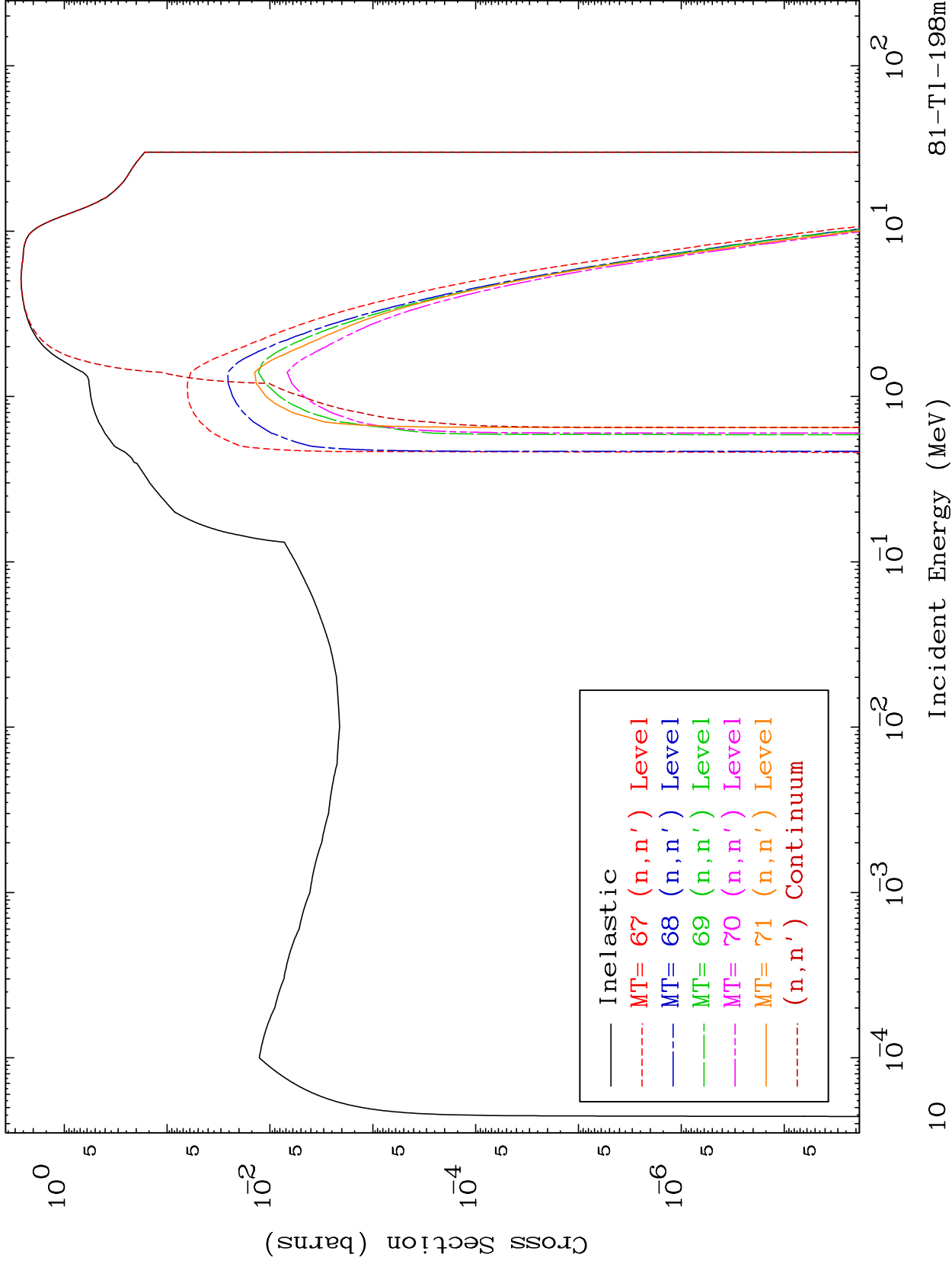
81-TI-198m



MAT 81111

(n,n') Levels
293 Kelvin Cross Sections

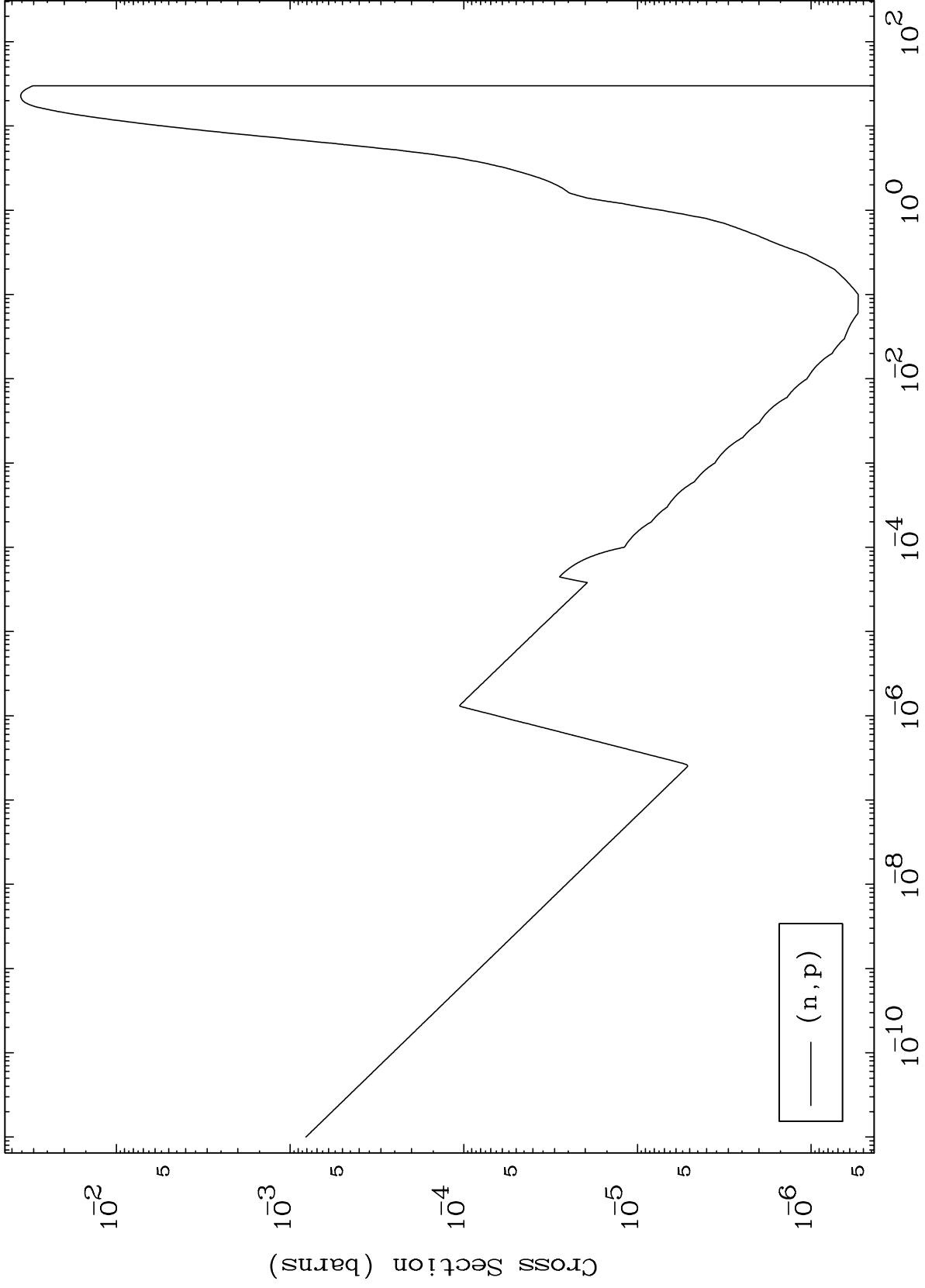
81-TI-198m



MAT 81111

(n,p) Levels
293 Kelvin Cross Sections

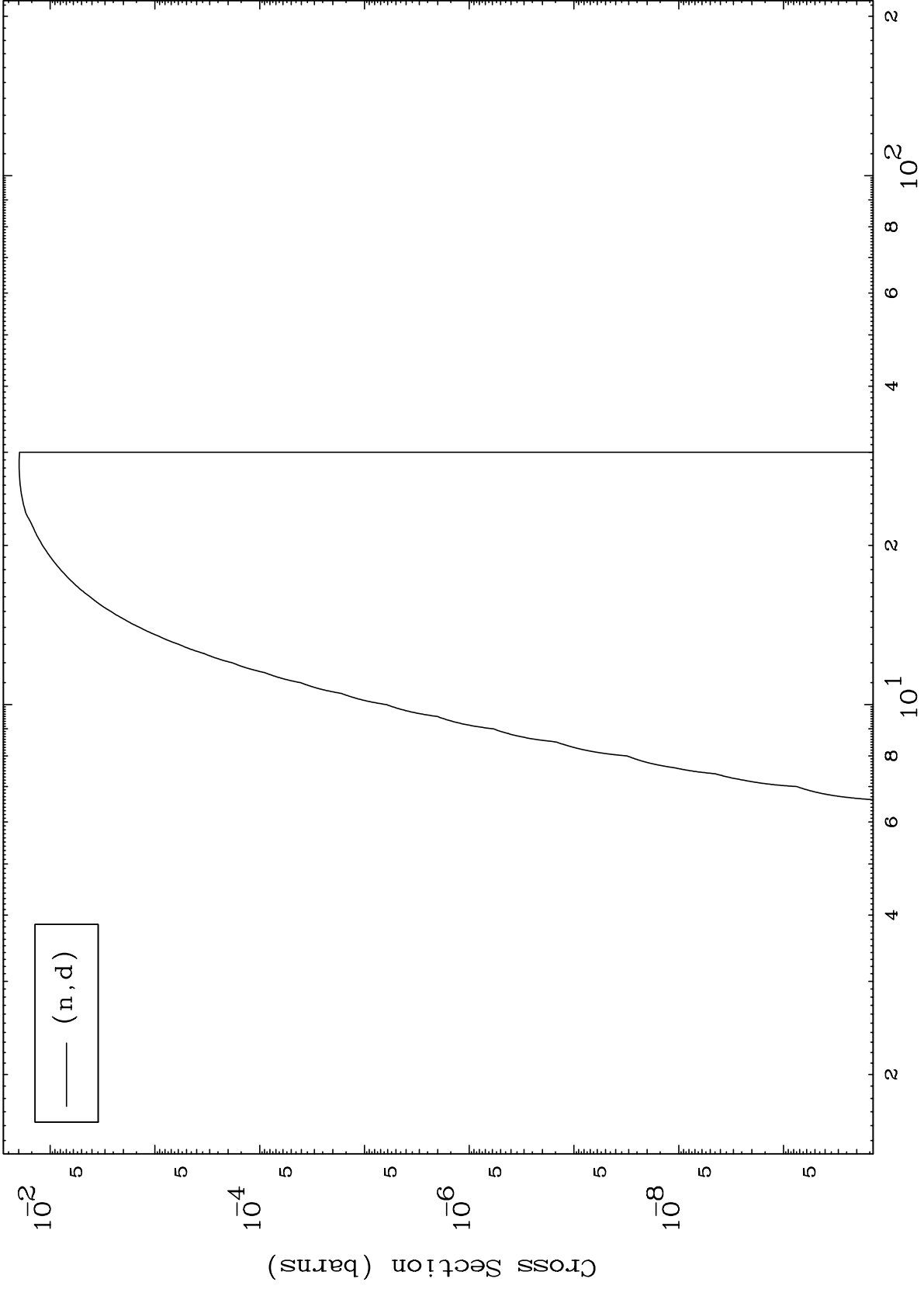
81-Tl-198m



MAT 81111

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-198m



12

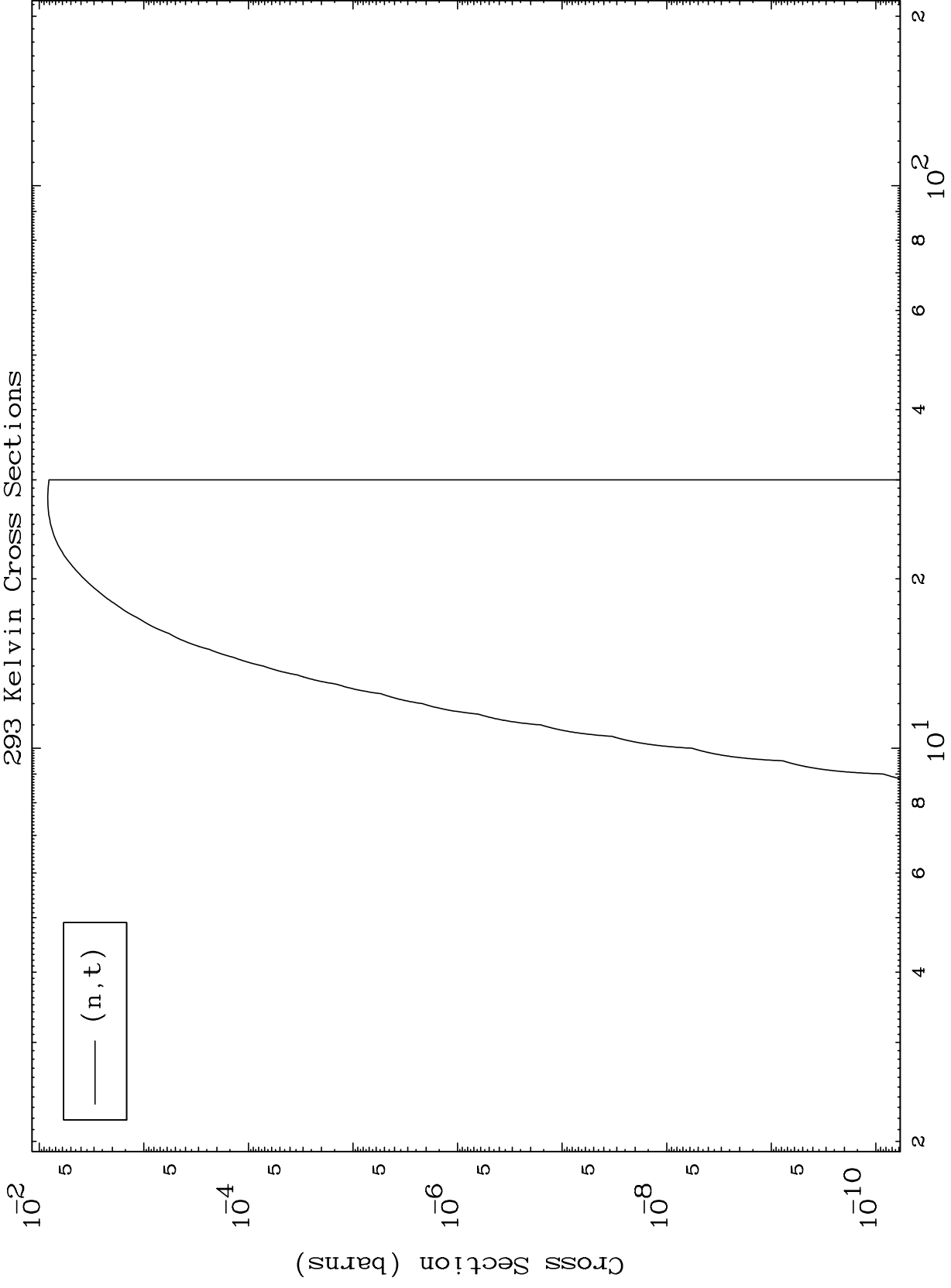
Incident Energy (MeV)

81-Tl-198m

MAT 81111

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-198m



13

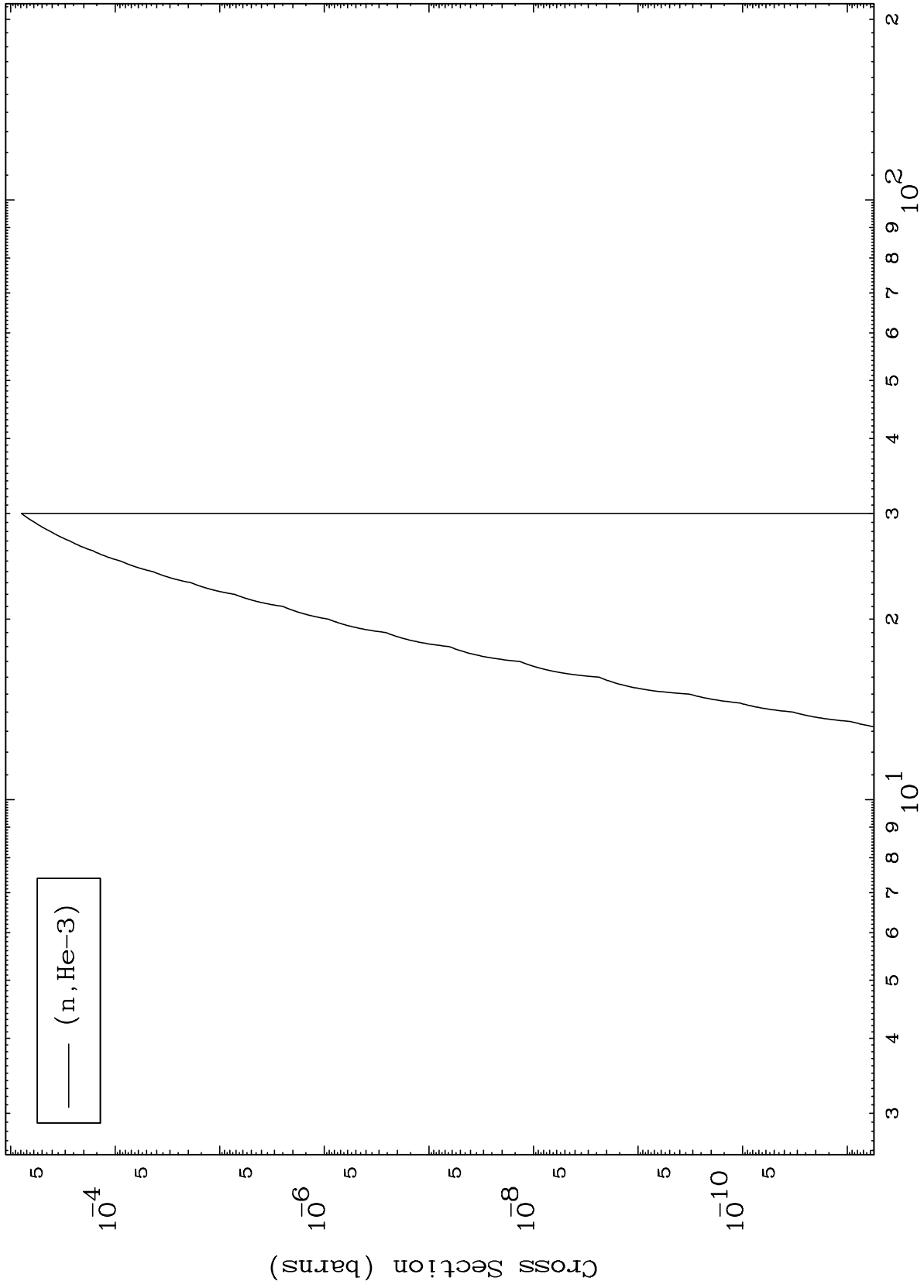
Incident Energy (MeV)

81-Tl-198m

MAT 81111

(n,He3) Levels
293 Kelvin Cross Sections

81-TI-198m



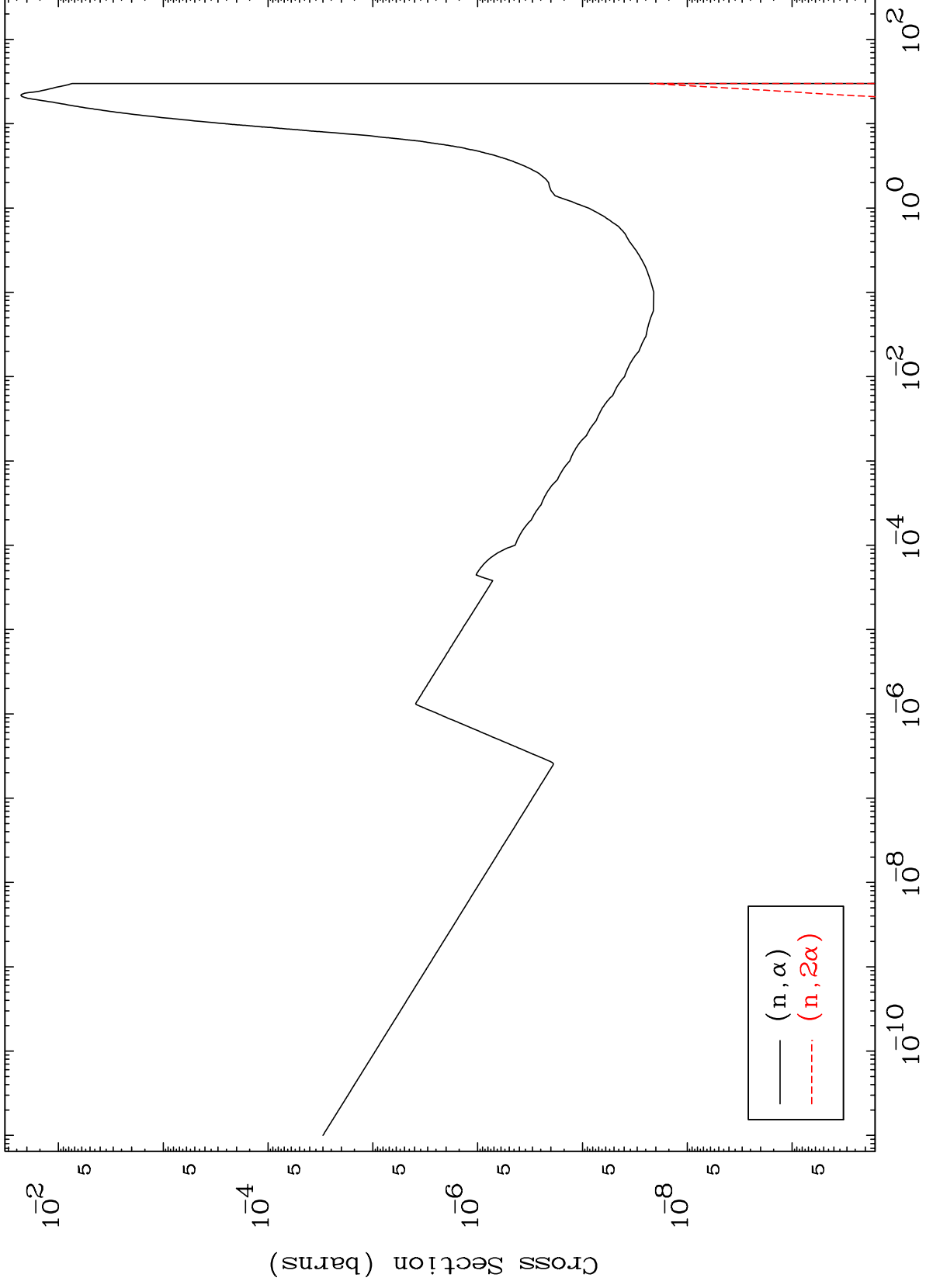
14

81-TI-198m

MAT 81111

(n, α) Levels
293 Kelvin Cross Sections

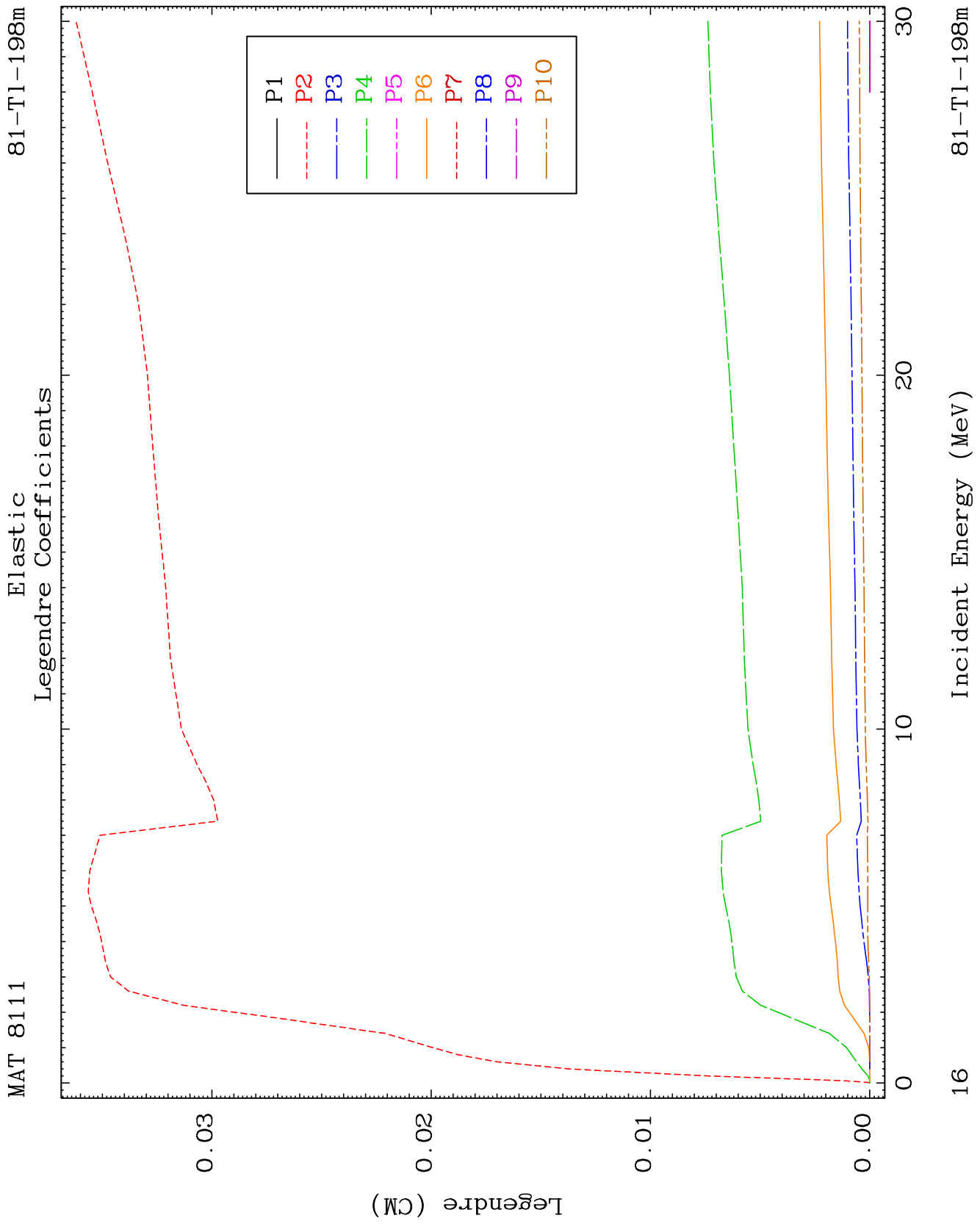
81-Tl-198m



15

Incident Energy (MeV)

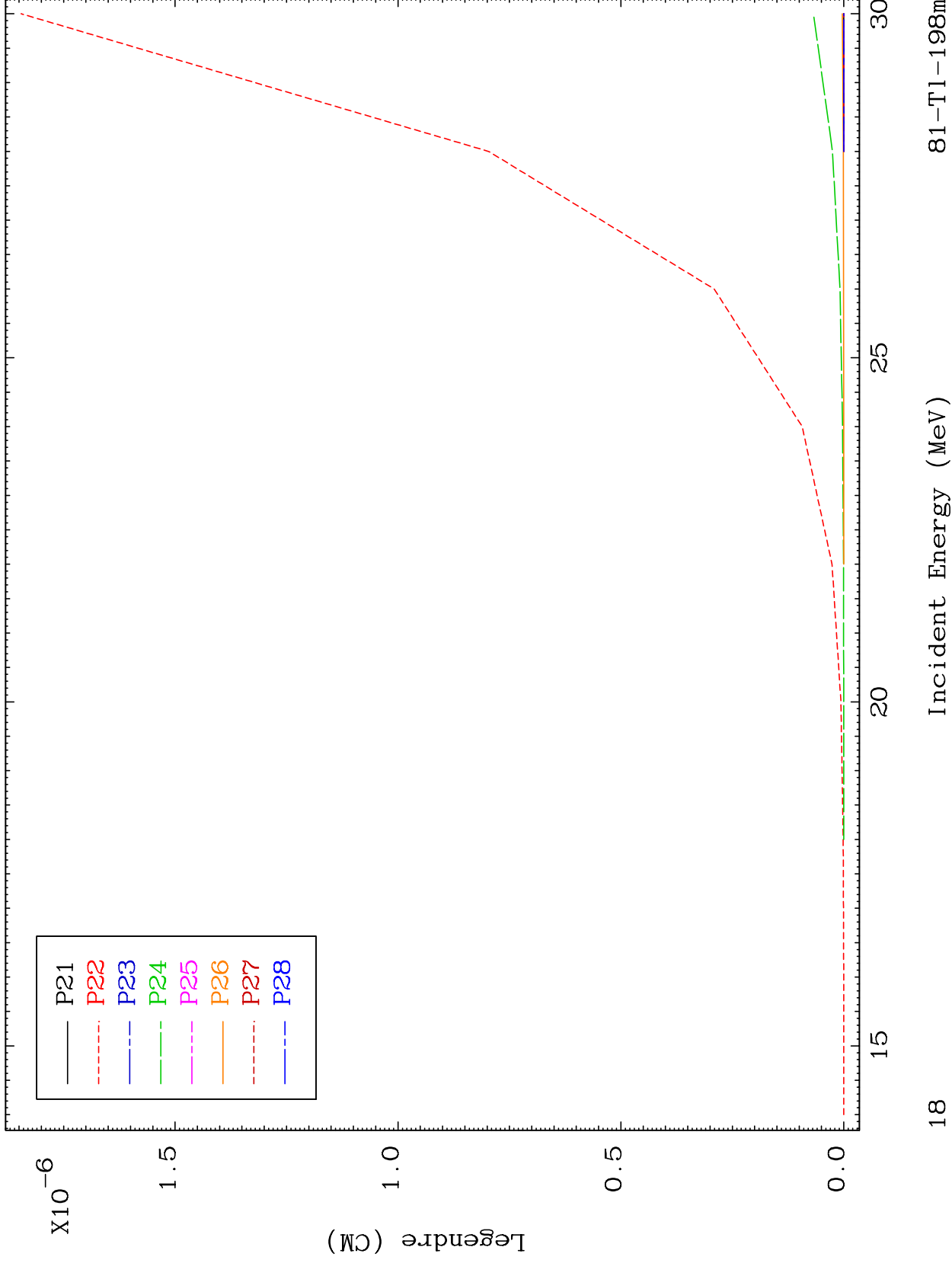
81-Tl-198m



MAT 8111

Elastic
Legendre Coefficients

81-TI-198m



18

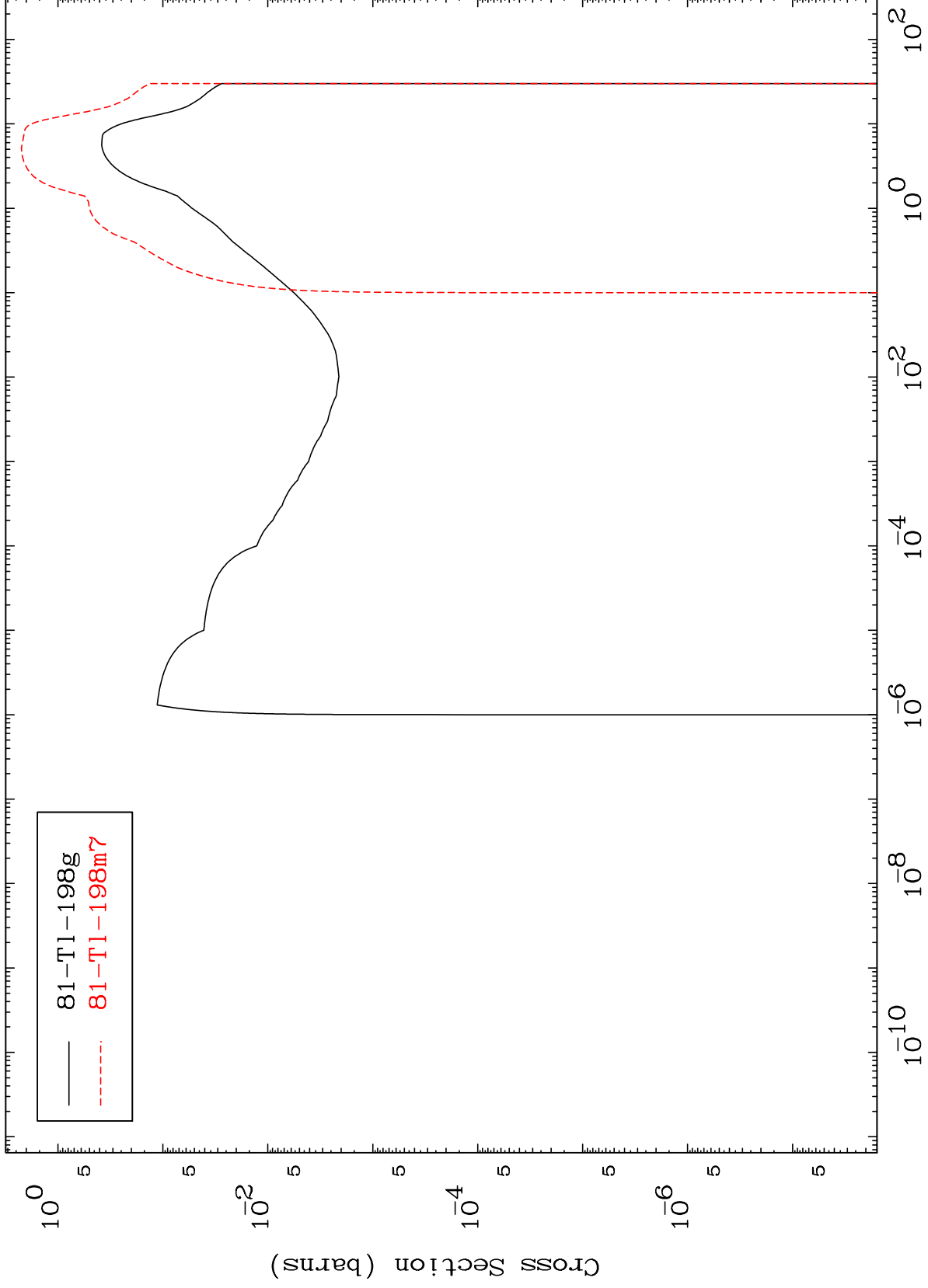
Incident Energy (MeV)

81-TI-198m

MAT 81111

Inelastic
Radionuclide Production Cross Section

81-Tl-198m



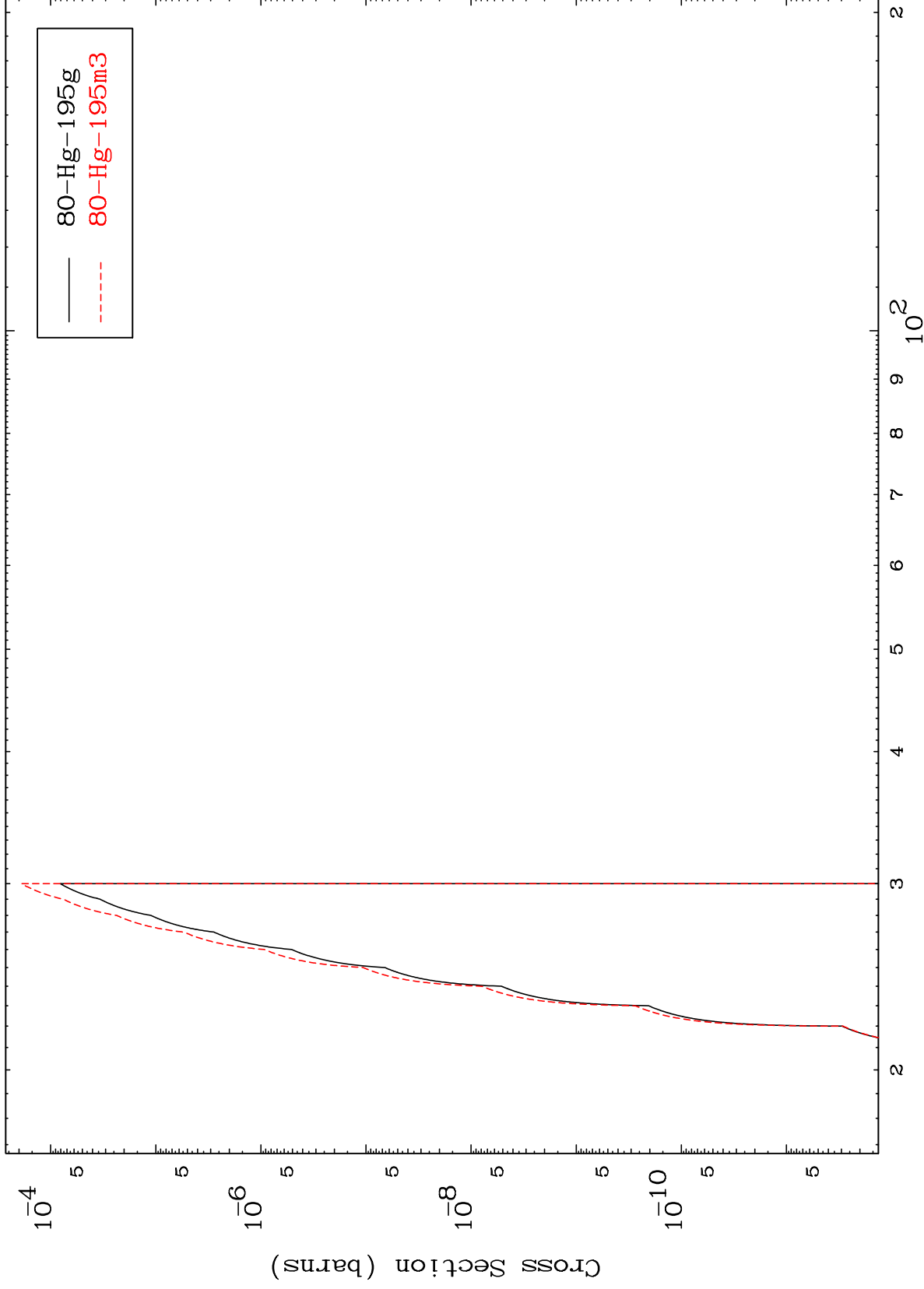
81-Tl-198g
81-Tl-198m7

MAT 81111

(n,2n) d

81-TI-198m

Radionuclide Production Cross Section



20

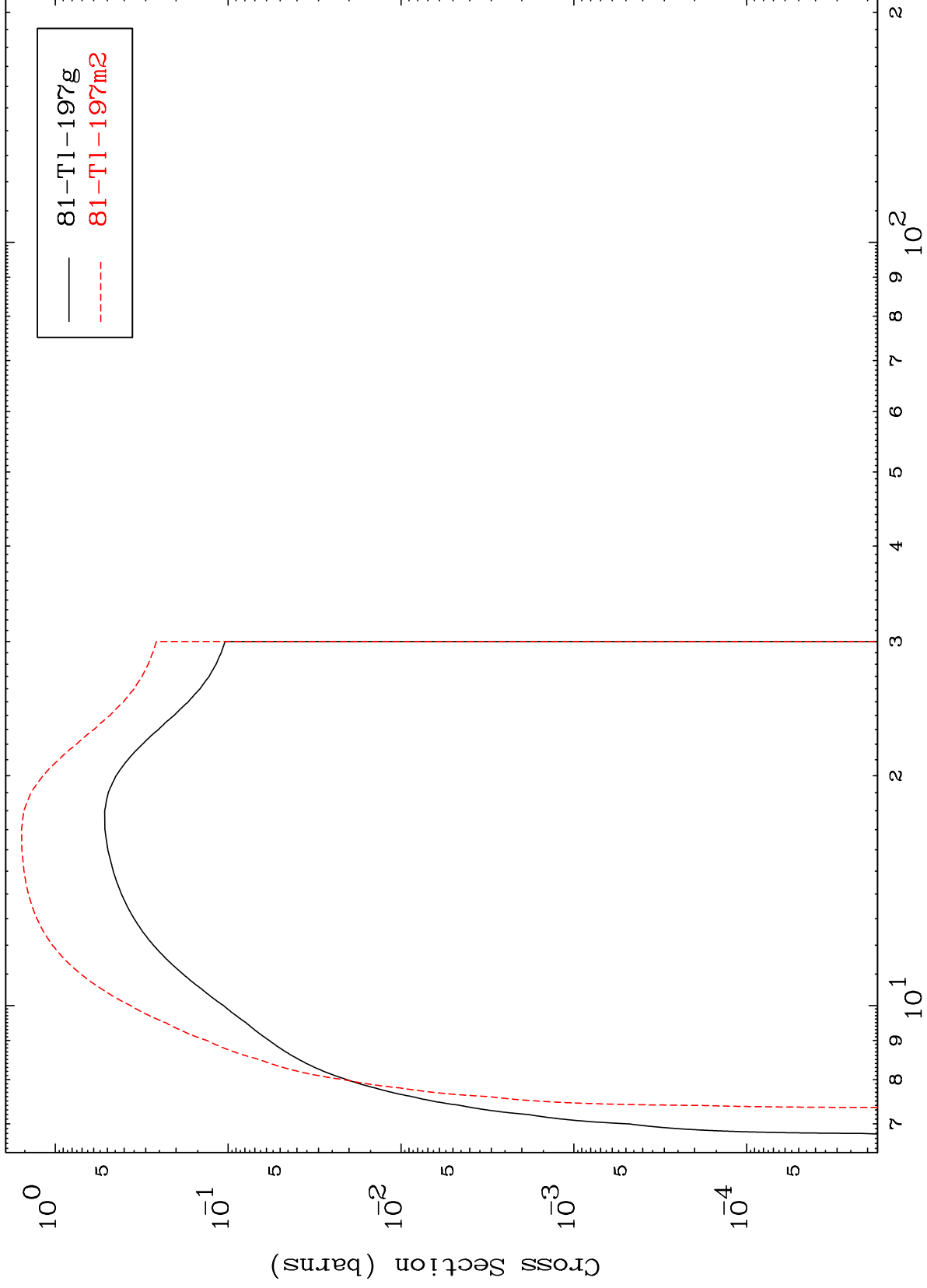
Incident Energy (MeV)

81-TI-198m

MAT 8111

81-Tl-198m

(n,2n)
Radionuclide Production Cross Section



21

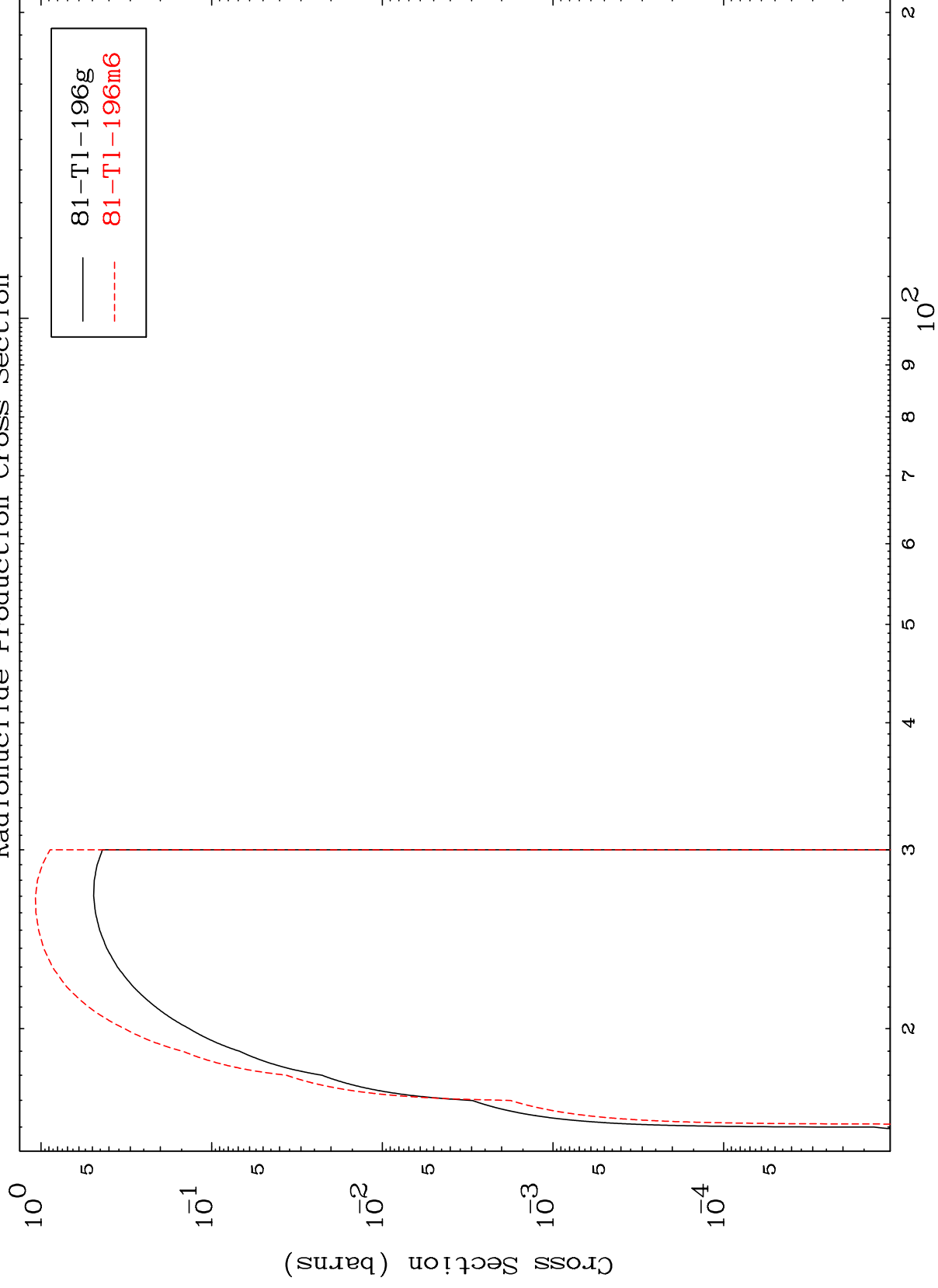
Incident Energy (MeV)

81-Tl-198m

MAT 81111

81-Tl-198m

(n,3n)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

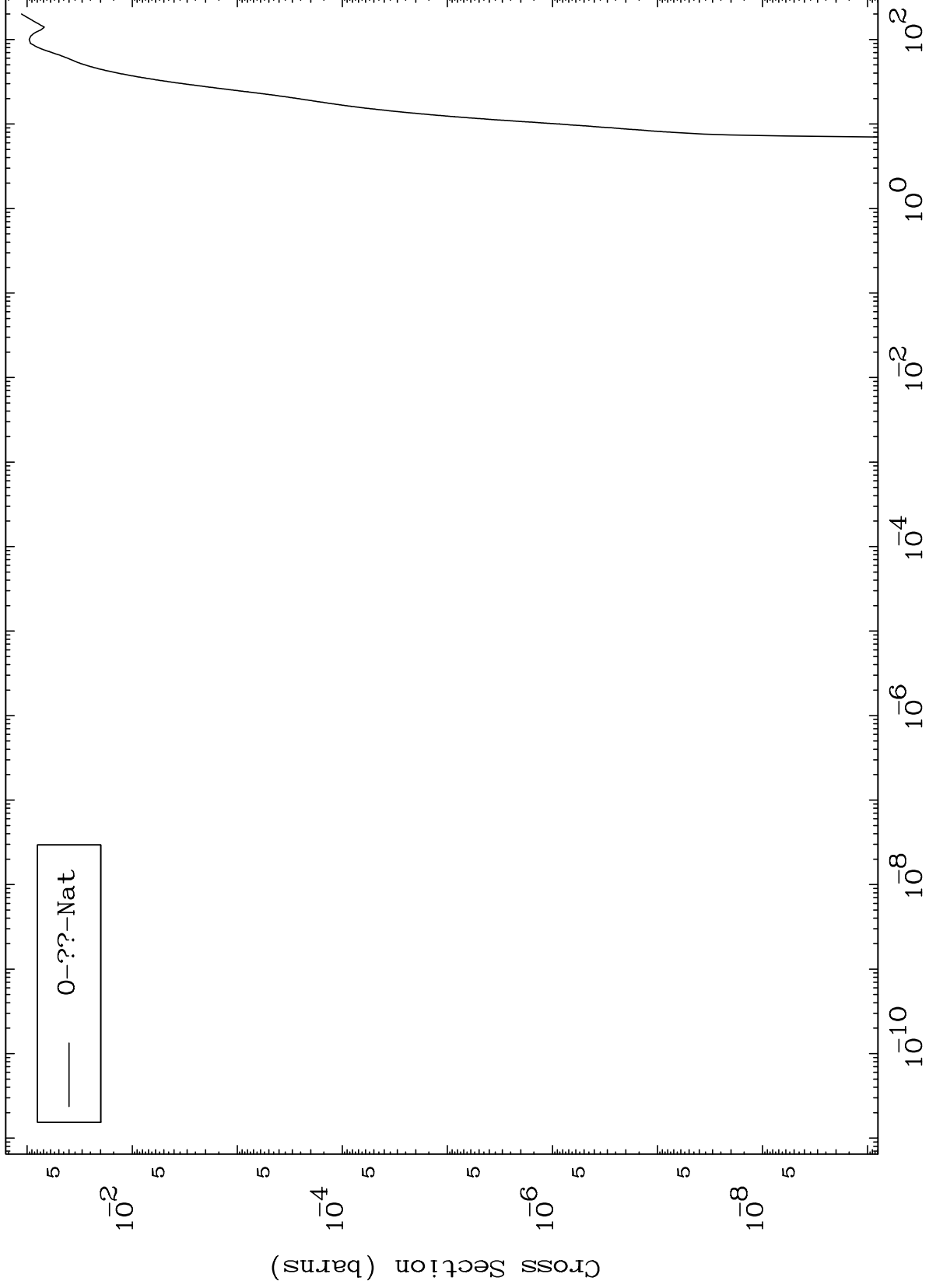
81-Tl-198m

MAT 81111

Fission

81-Tl-198m

Radionuclide Production Cross Section

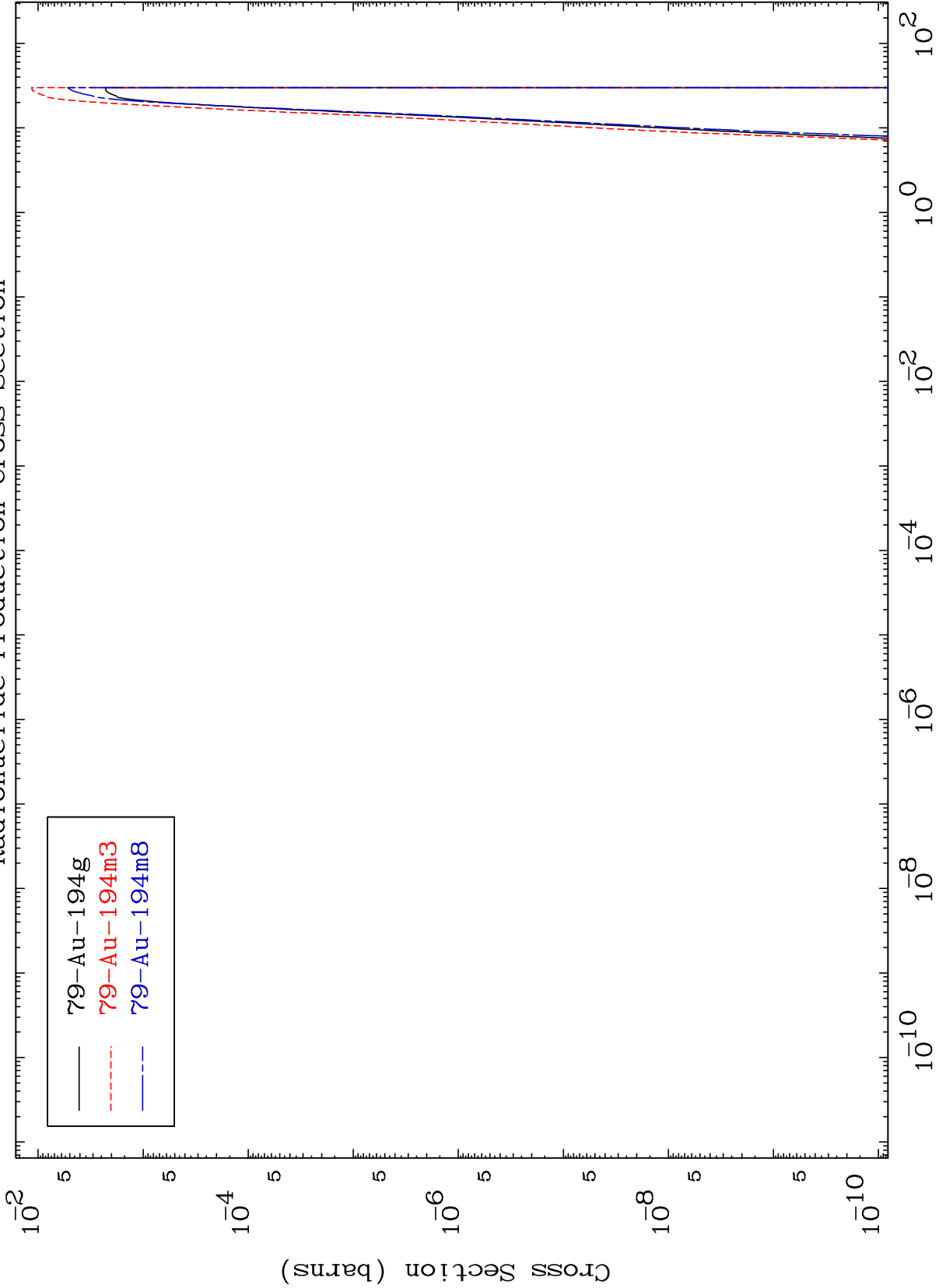


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$(n, n') \alpha$

81-Tl-198m

Radionuclide Production Cross Section

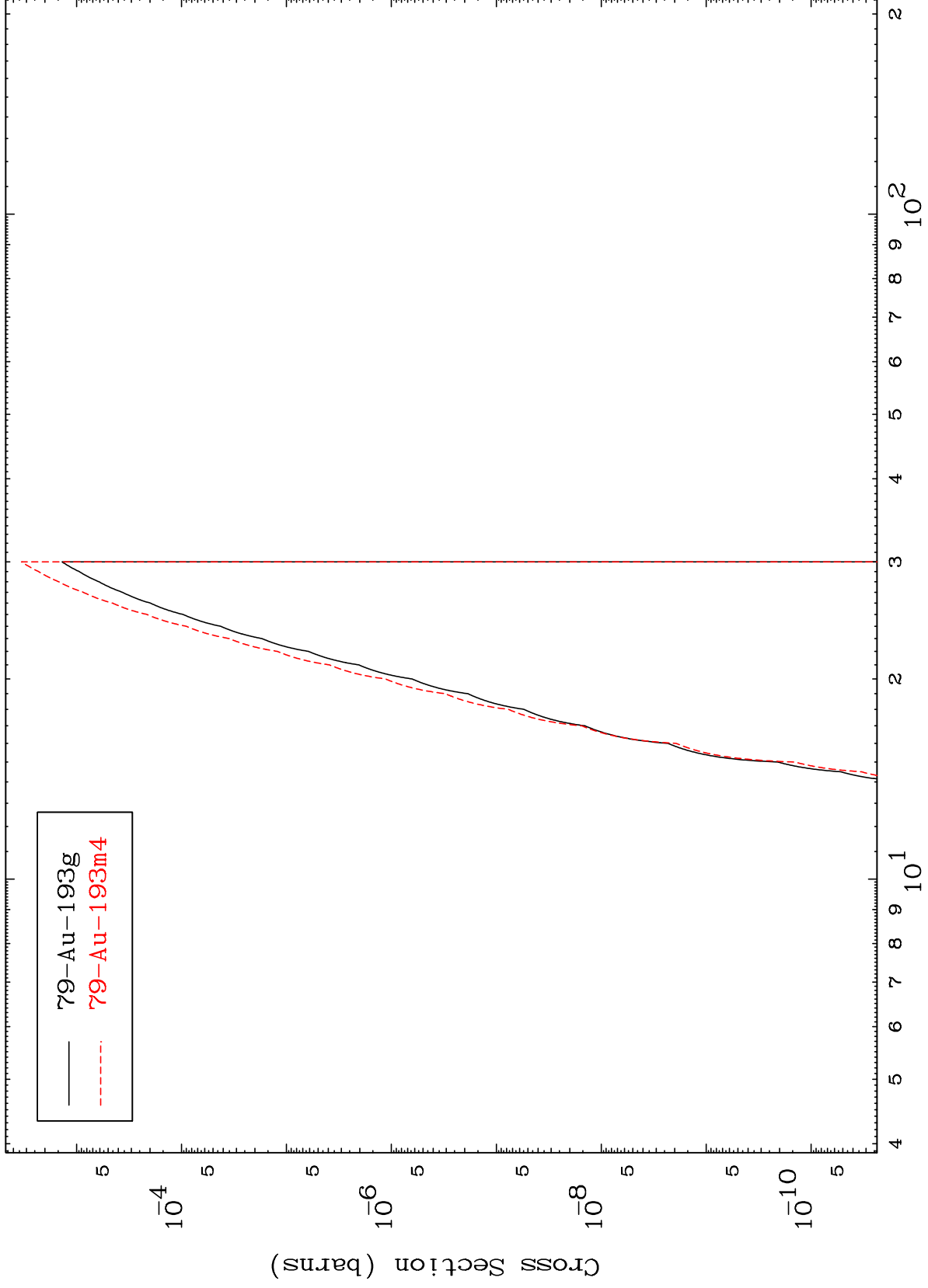


MAT 8111

(n,2n) α

81-TI-198m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

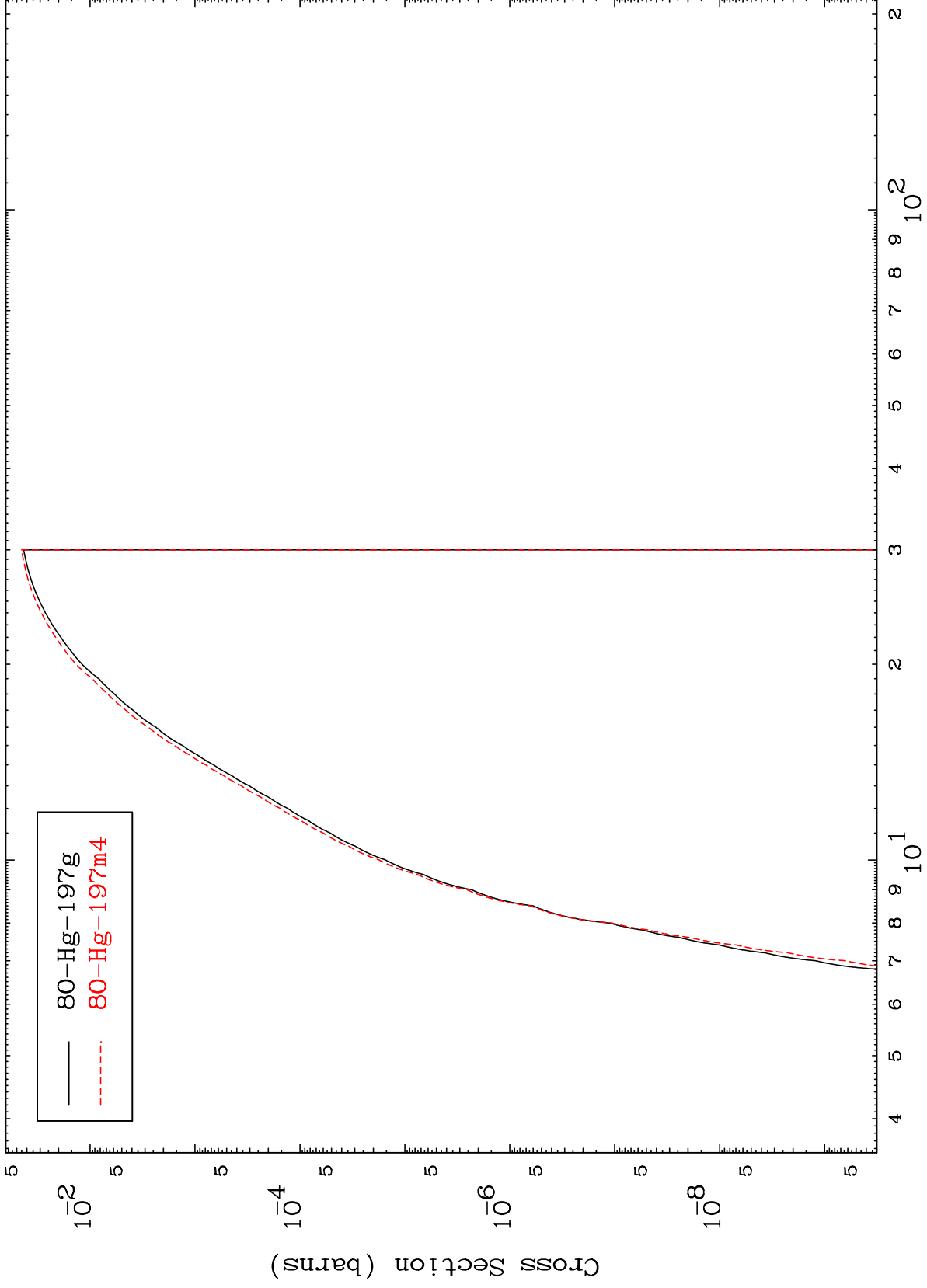
81-TI-198m

MAT 81111

(n,n') p

81-TI-198m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

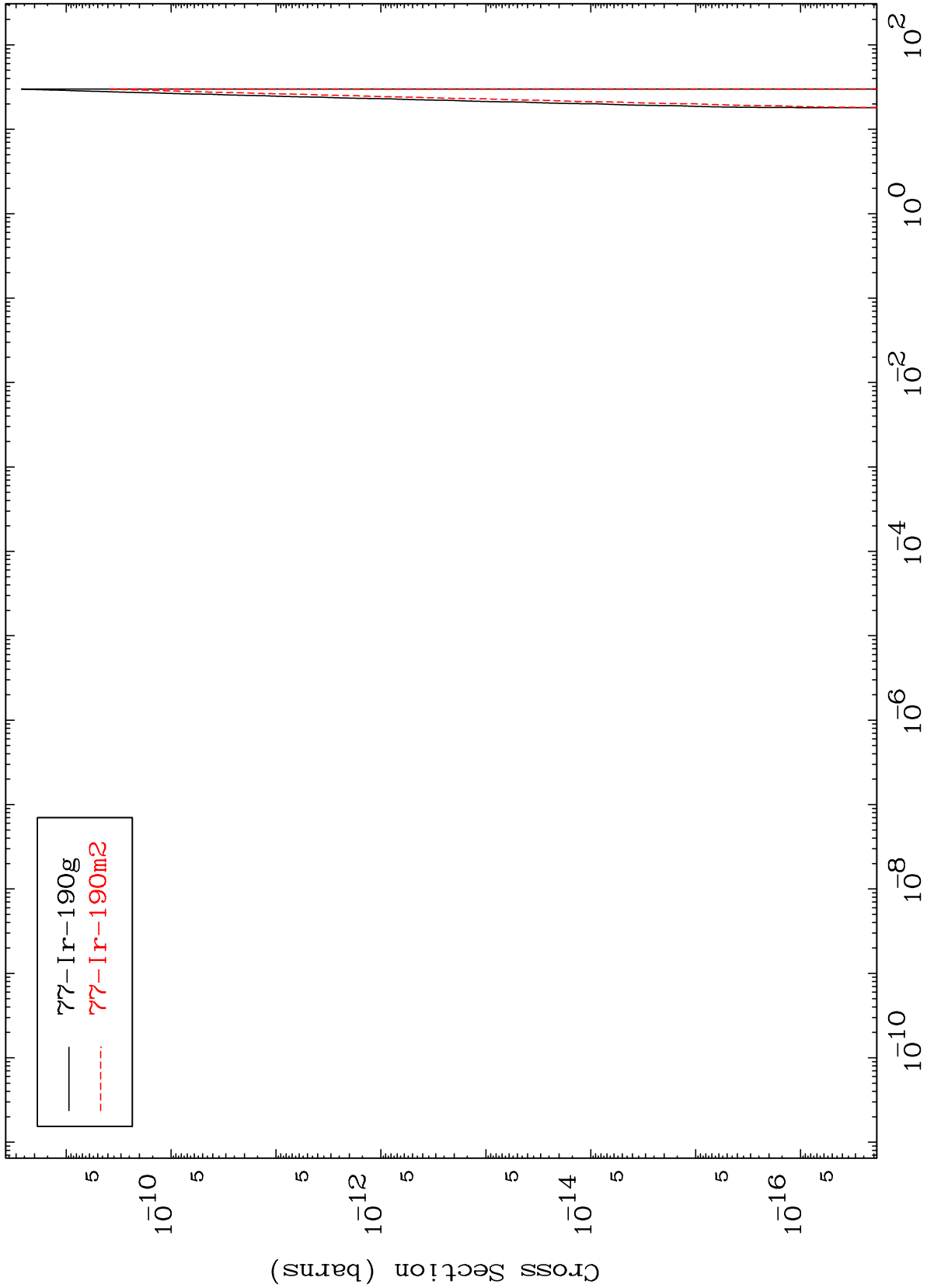
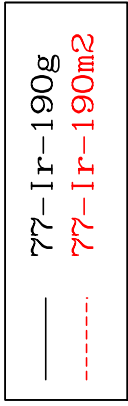
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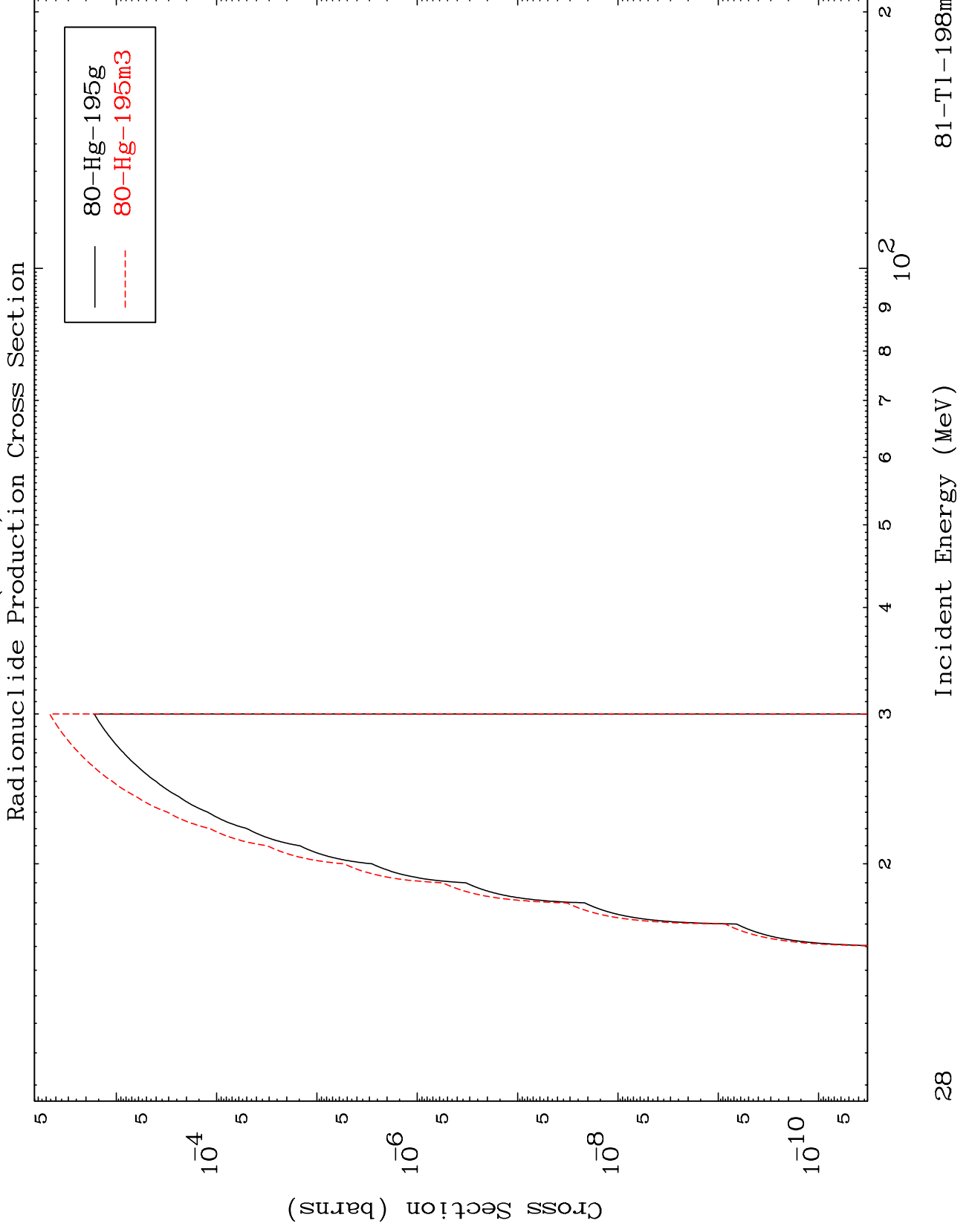
MAT 8111

(n,n') 2α

81-Tl-198m

Radionuclide Production Cross Section



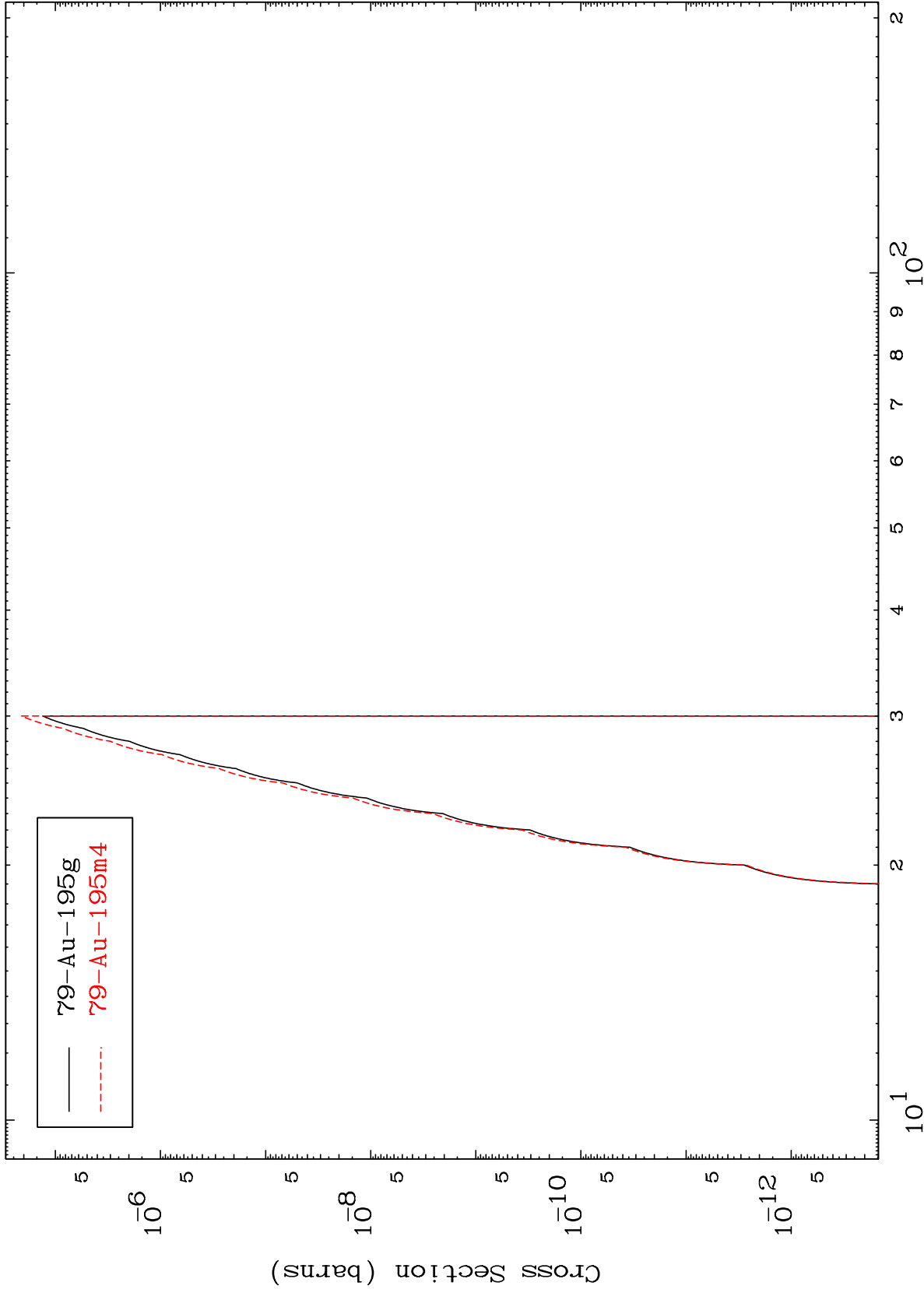


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(n,n') He-3

81-TI-198m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

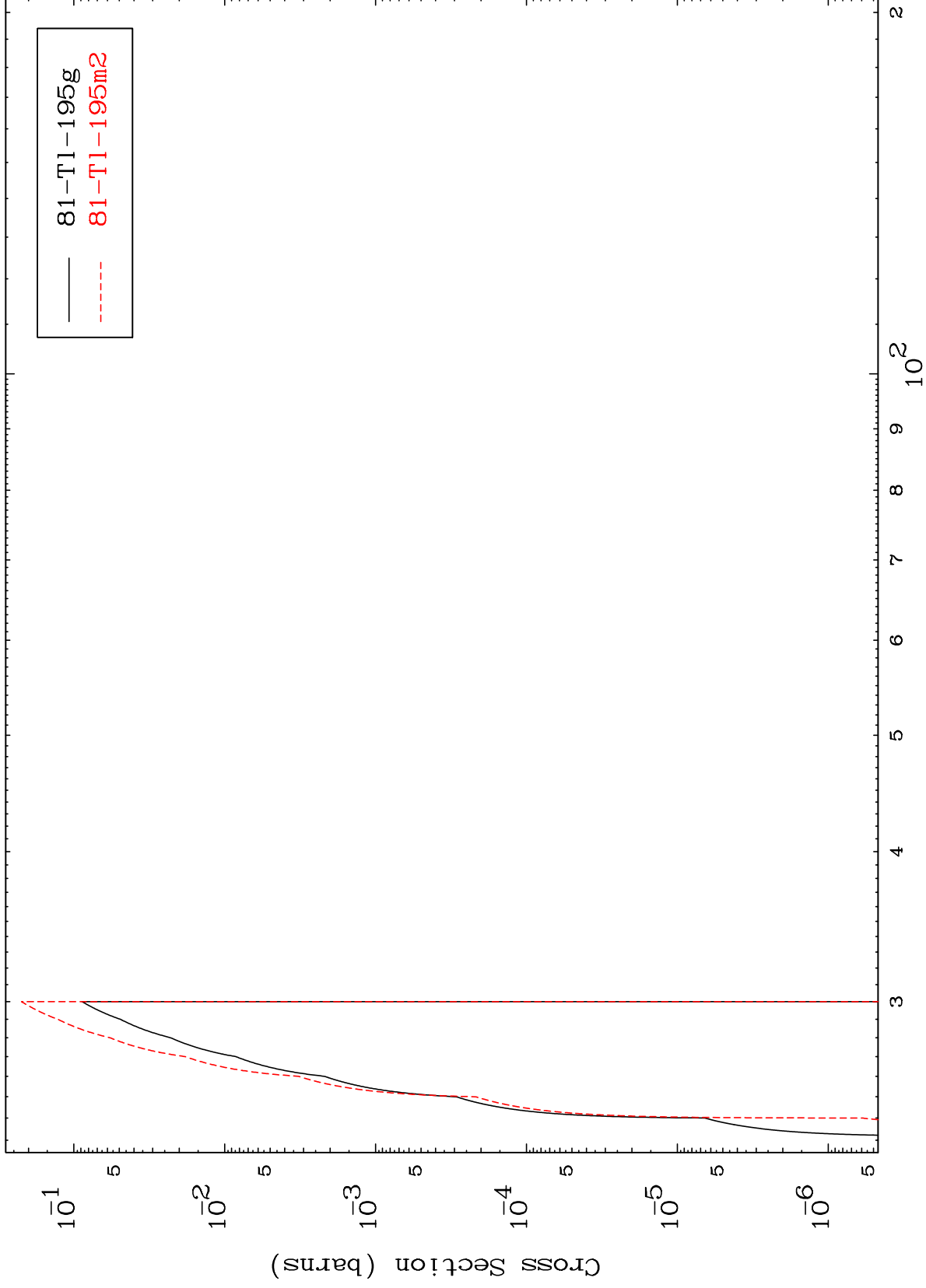
81-TI-198m

MAT 81111

(n,4n)

81-Tl-198m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

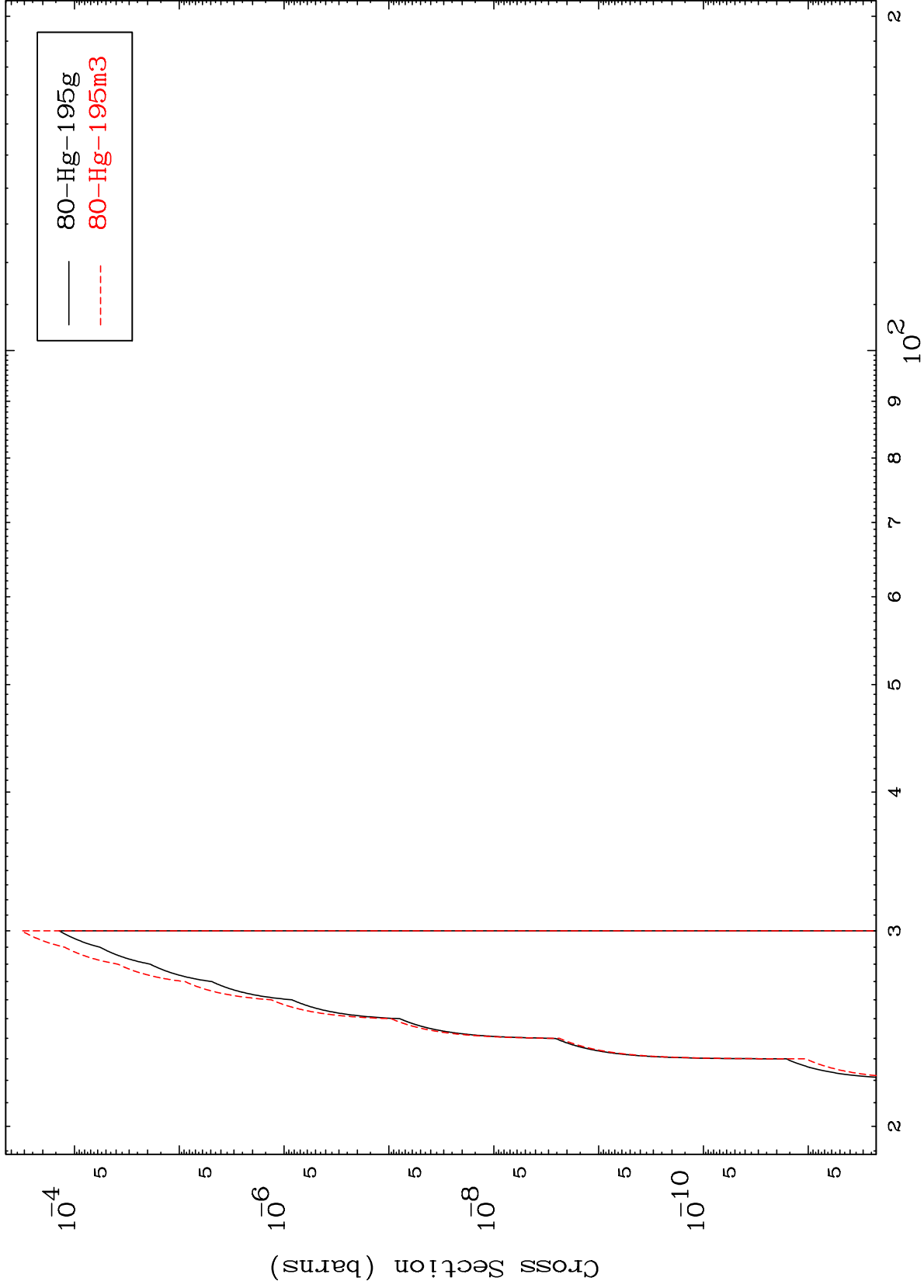
81-Tl-198m

MAT 81111

(n,3n) p

81-Tl-198m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

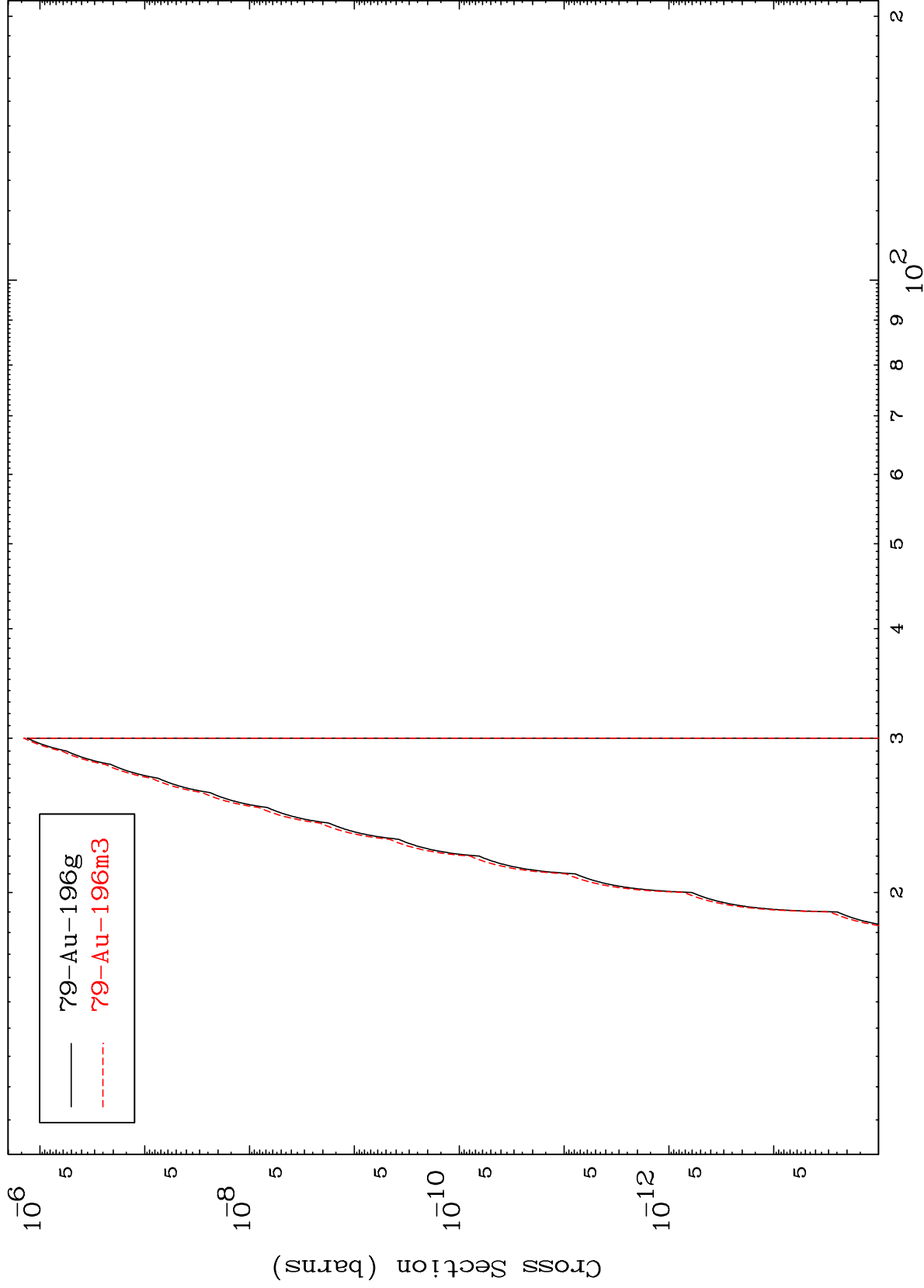
81-Tl-198m

MAT 81111

(n,2n) p

81-Tl-198m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

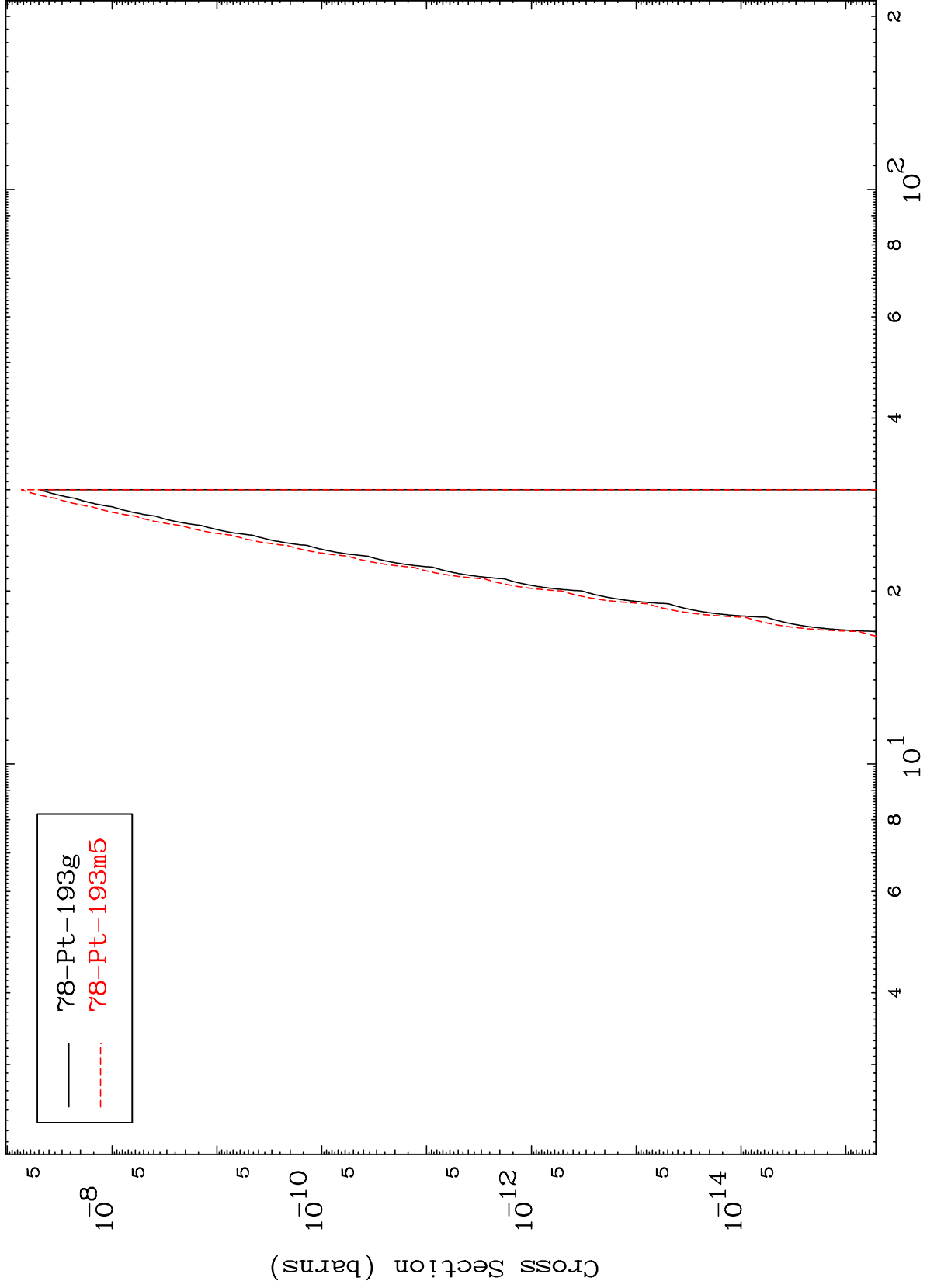
81-Tl-198m

MAT 8111

(n,n') p α

81-TI-198m

Radionuclide Production Cross Section



33

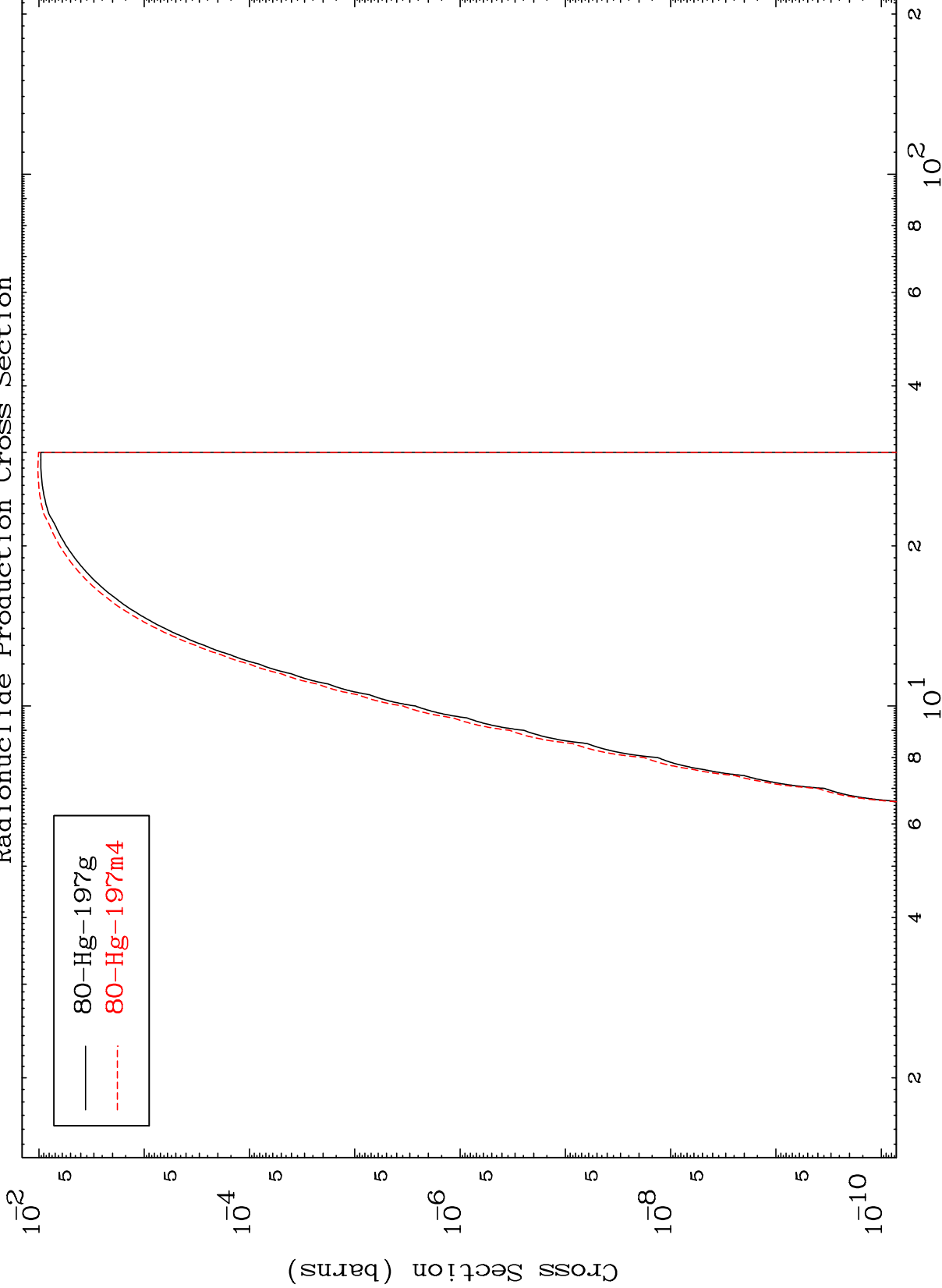
Incident Energy (MeV)

81-TI-198m

MAT 81111

81-Tl-198m

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-198m

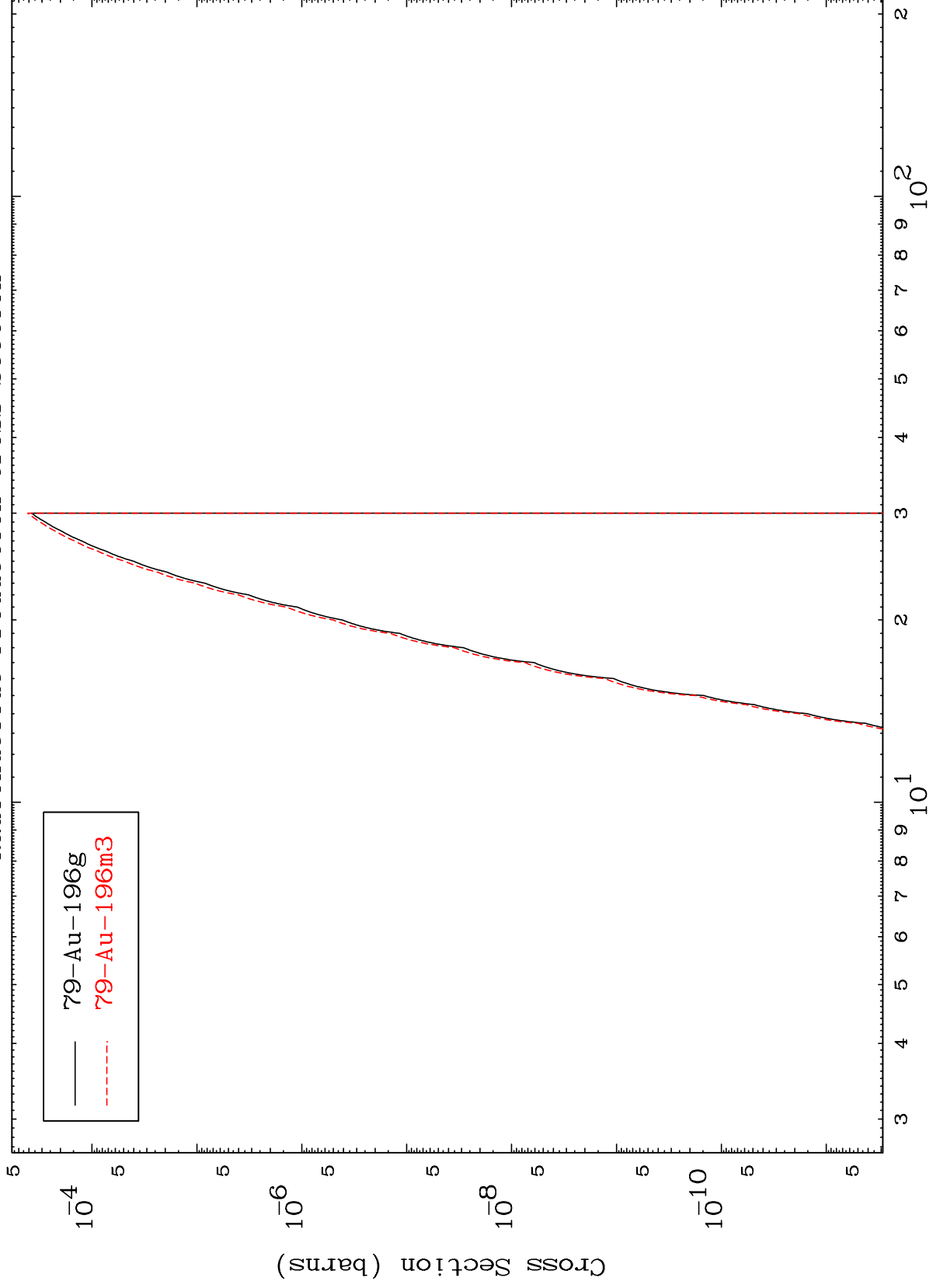
34

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(n,He-3)

81-TI-198m

Radionuclide Production Cross Section



35

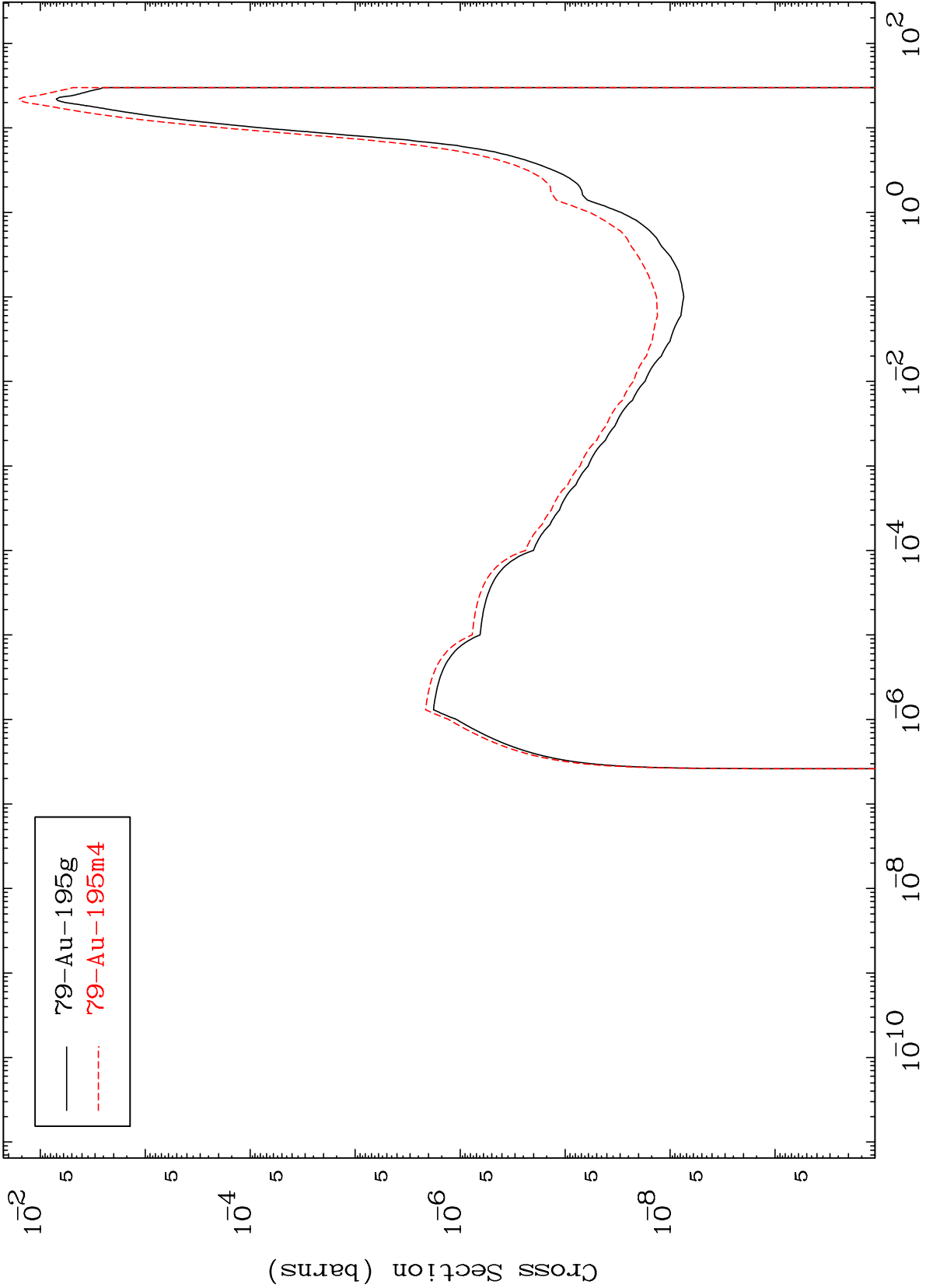
Incident Energy (MeV)

81-TI-198m

MAT 81111

81-Tl-198m

Radionuclide Production Cross Section
(n, α)



79-Au-195g
79-Au-195m4

81-Tl-198m

Incident Energy (MeV)

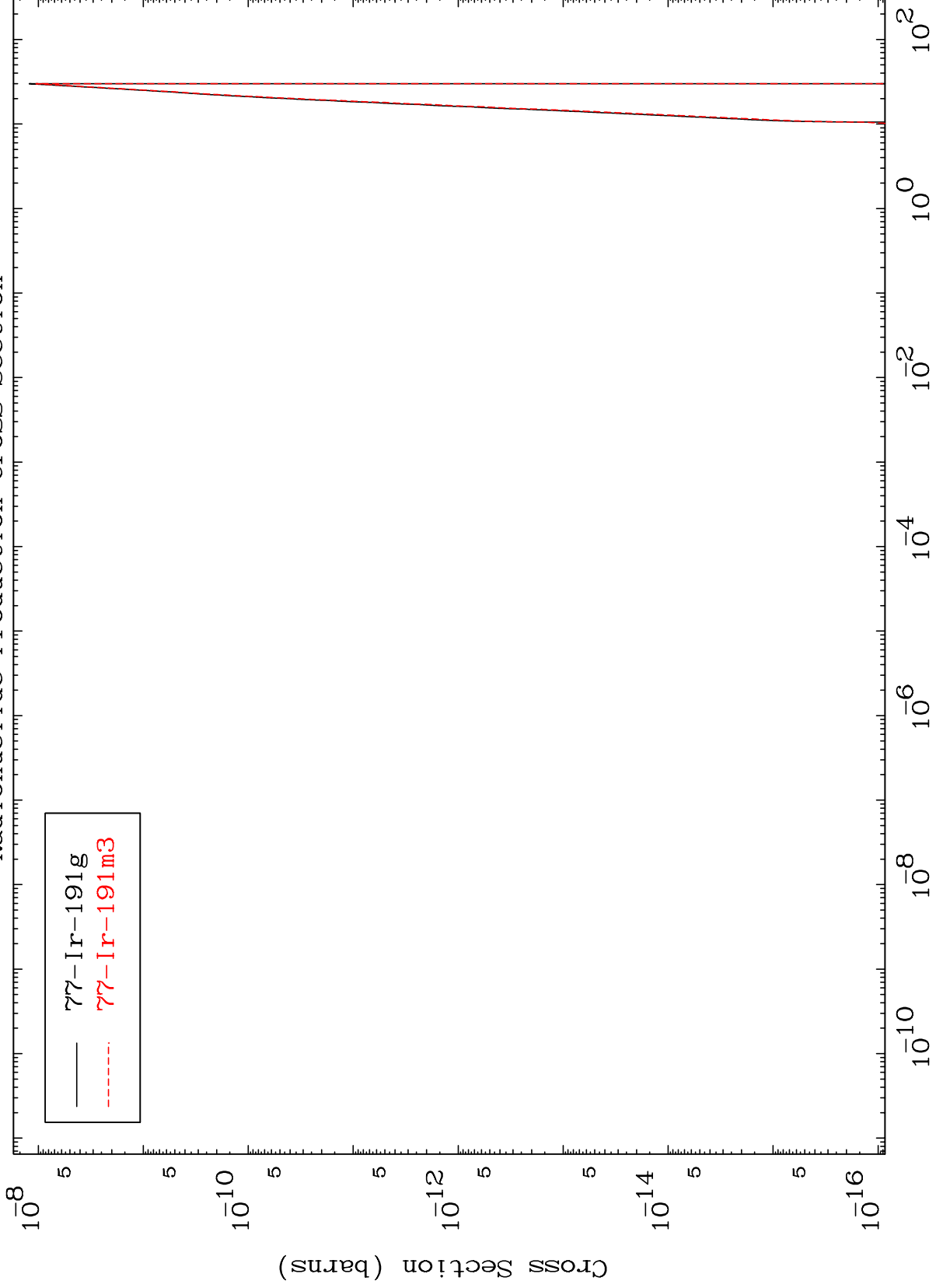
36

MAT 8111

(n,2α)

81-TI-198m

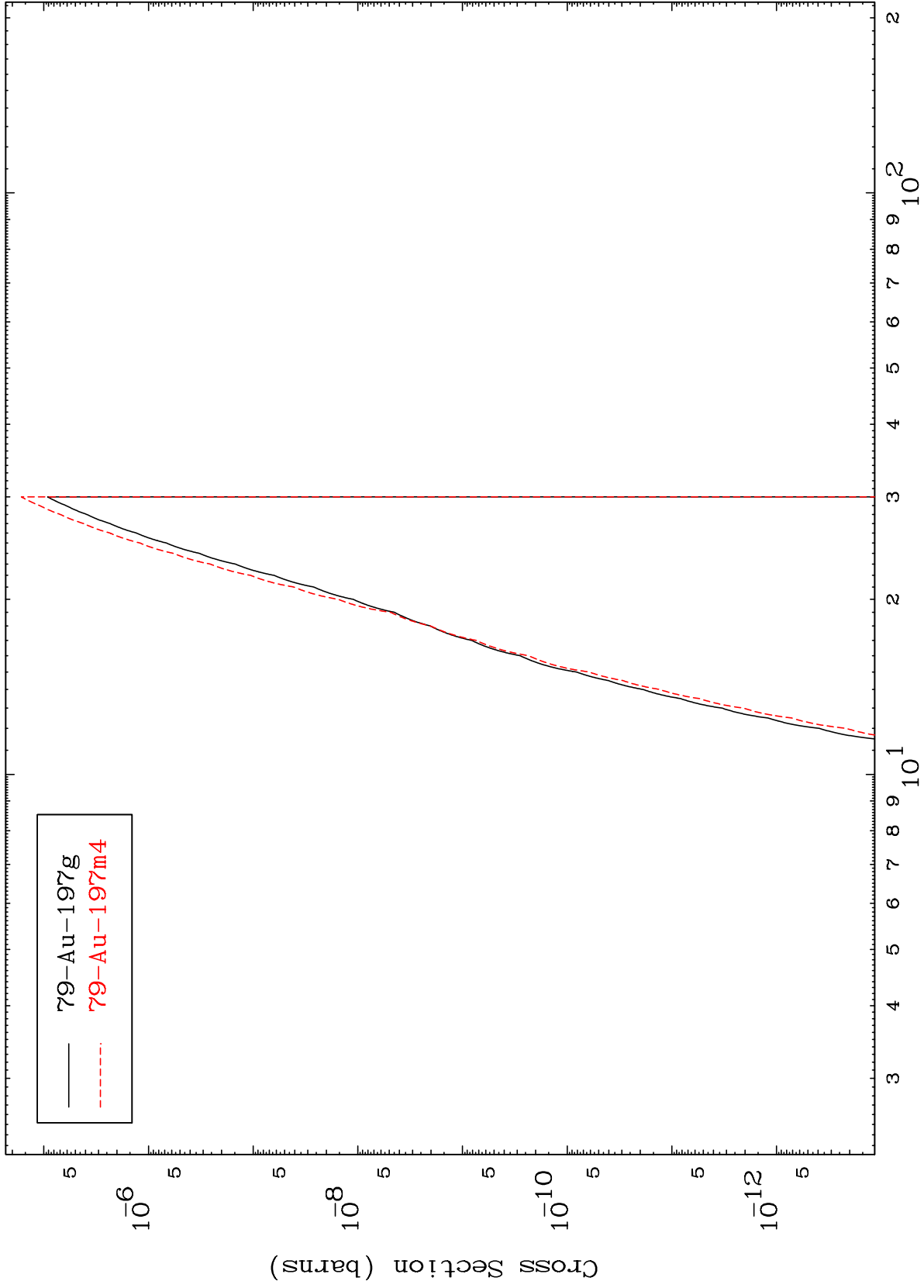
Radionuclide Production Cross Section



MAT 8111

81-Tl-198m

(n,2p)
Radionuclide Production Cross Section



38

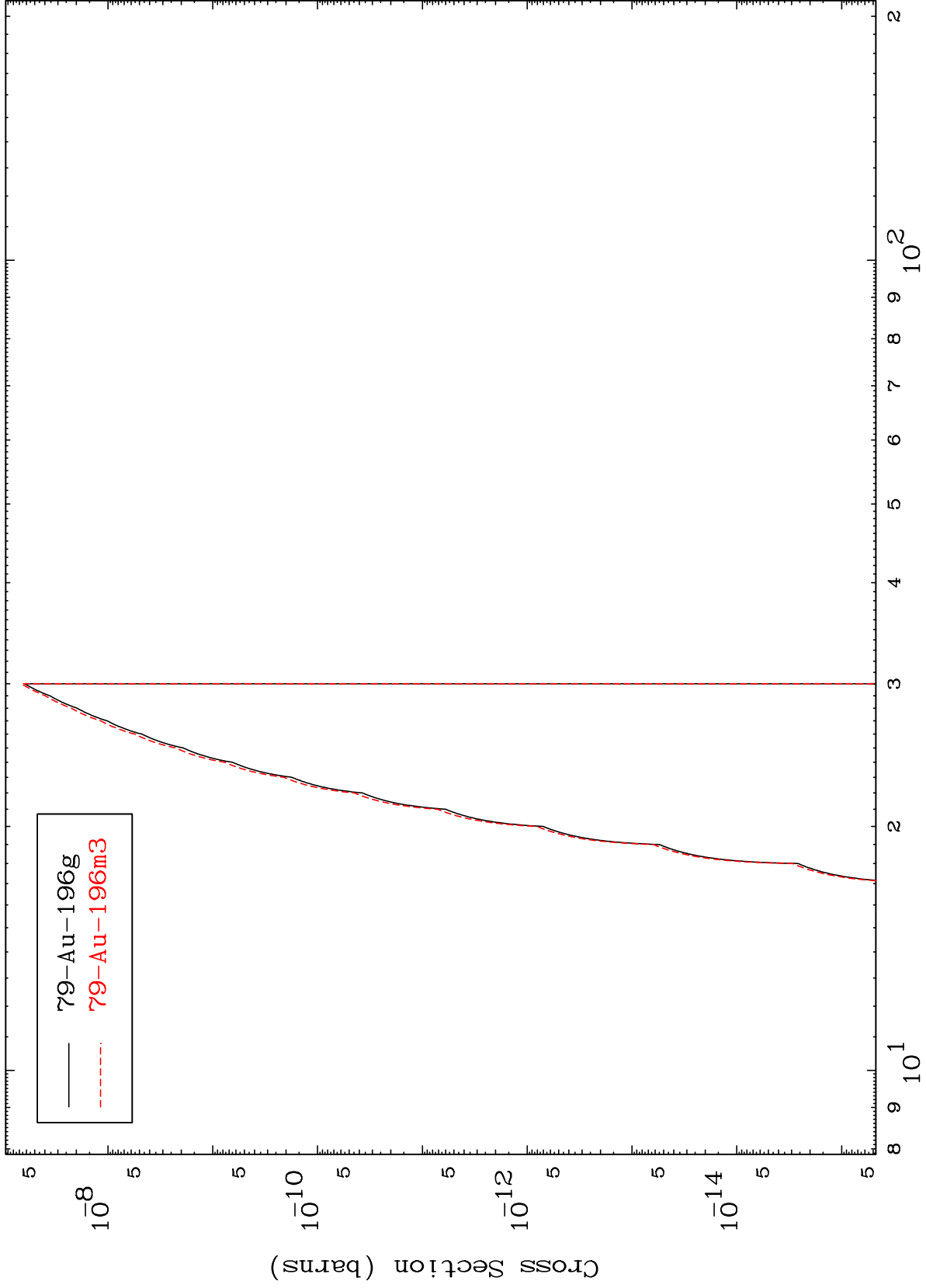
81-Tl-198m

MAT 81111

(n,p) d

81-Tl-198m

Radionuclide Production Cross Section



— 79-Au-196g
- - - 79-Au-196m3

39

Incident Energy (MeV)

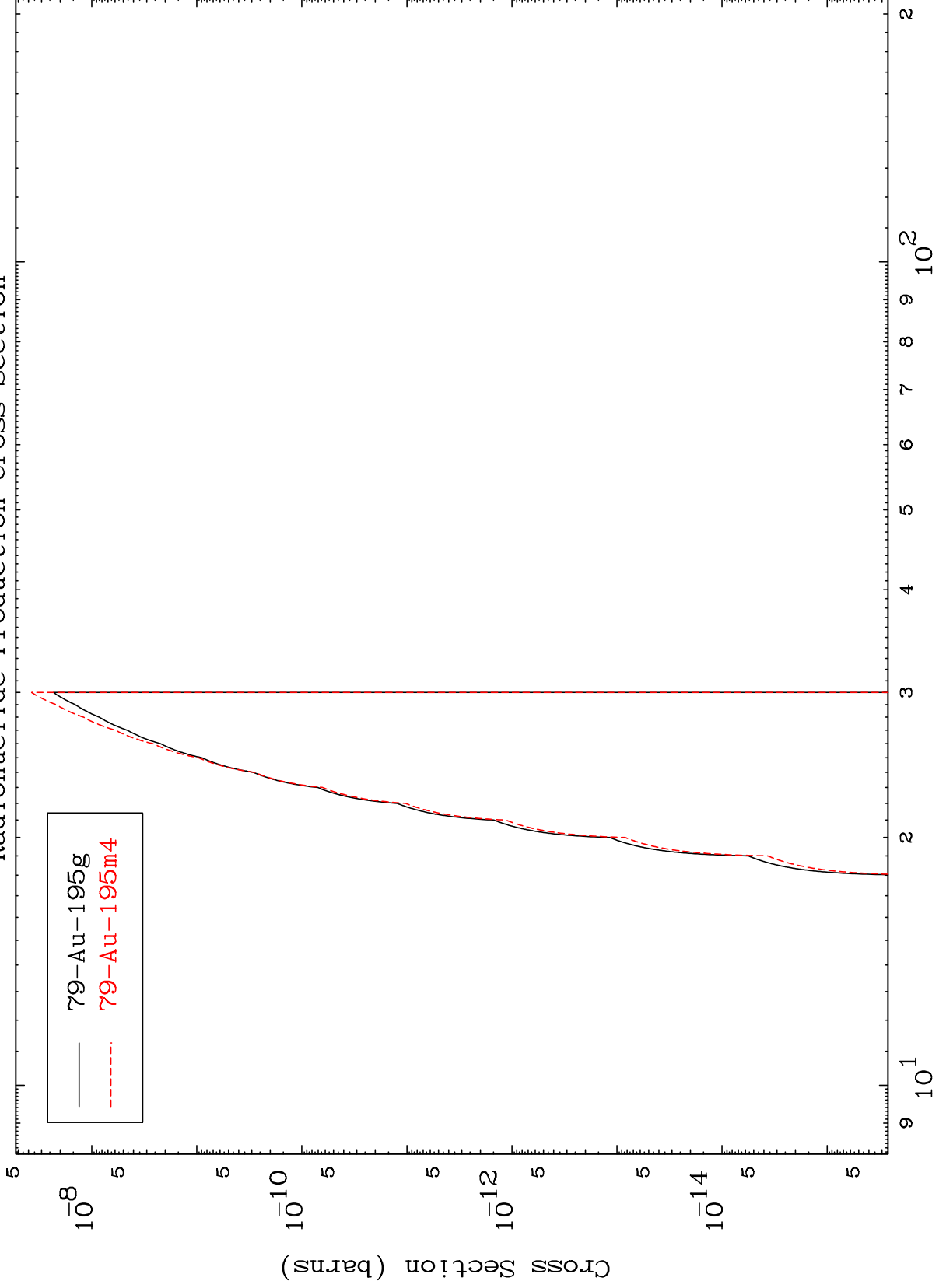
81-Tl-198m

MAT 81111

(n,p) t

81-Tl-198m

Radionuclide Production Cross Section



40

Incident Energy (MeV)

81-Tl-198m

MAT 81111

(n,d) α

81-Tl-198m

Radionuclide Production Cross Section

