

Program EVALPLOT
(Version 2018-1)

by

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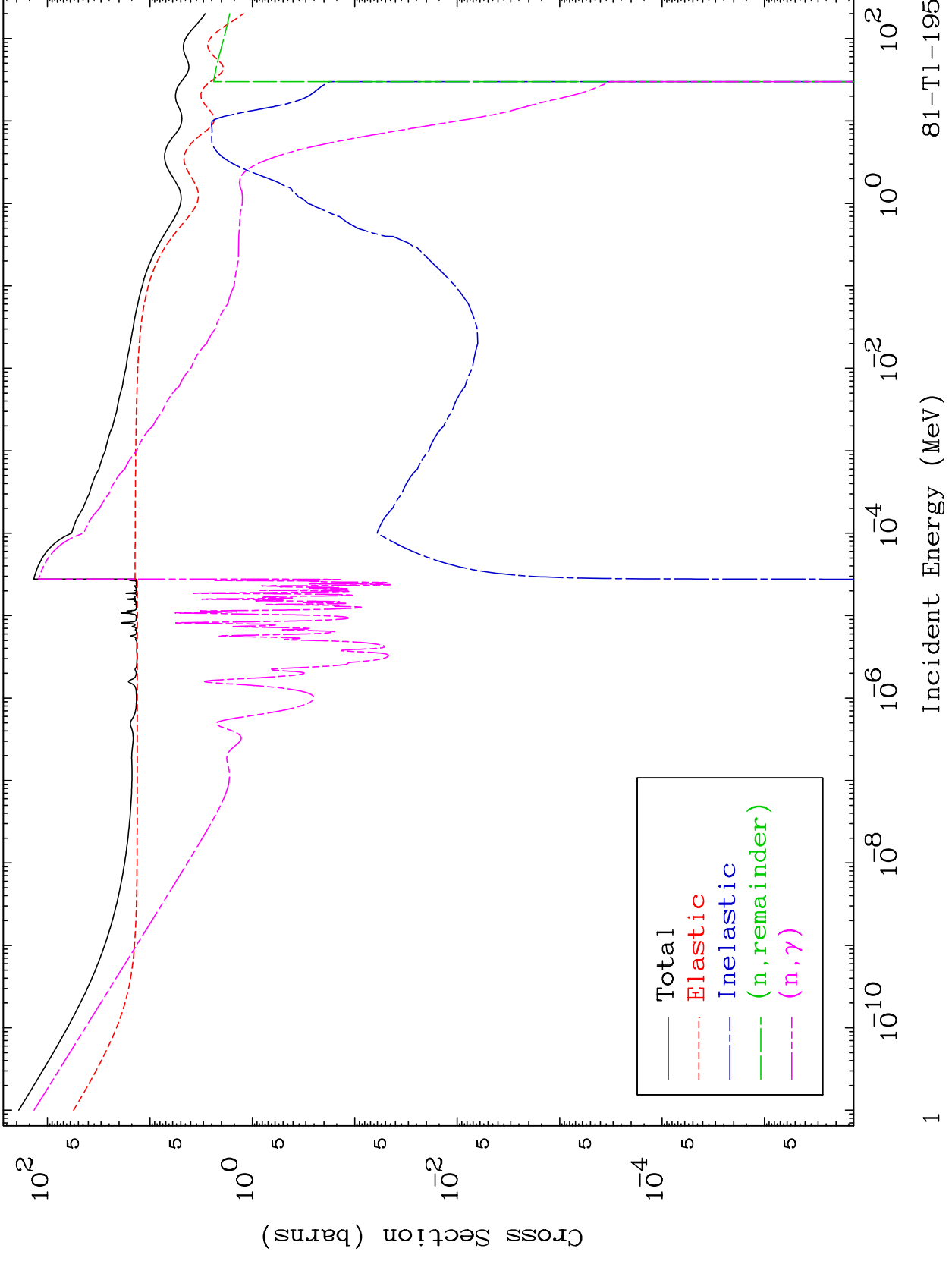
Press Mouse Button to Start

MAT 8102

Major

293 Kelvin Cross Sections

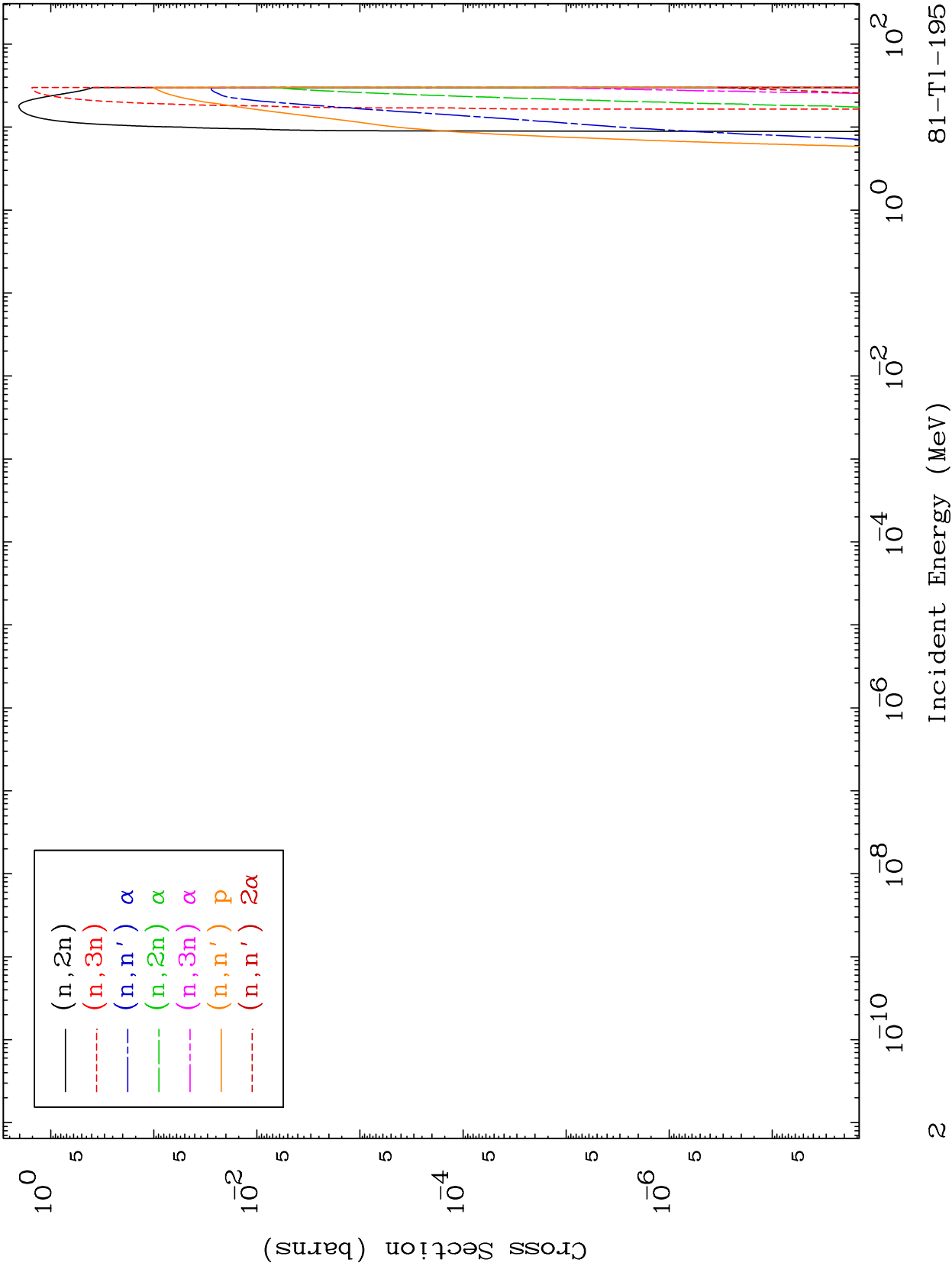
81-T1-195

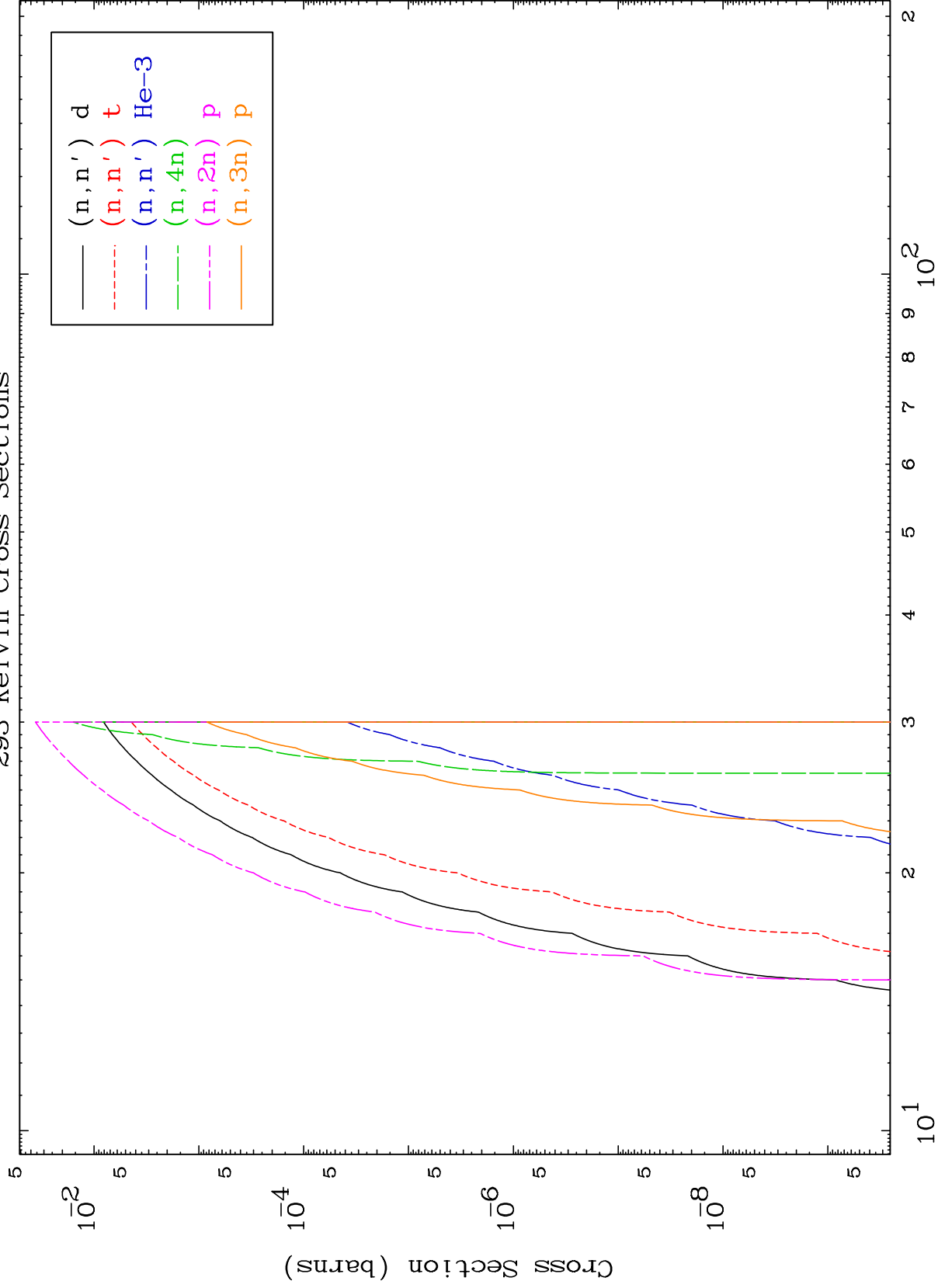


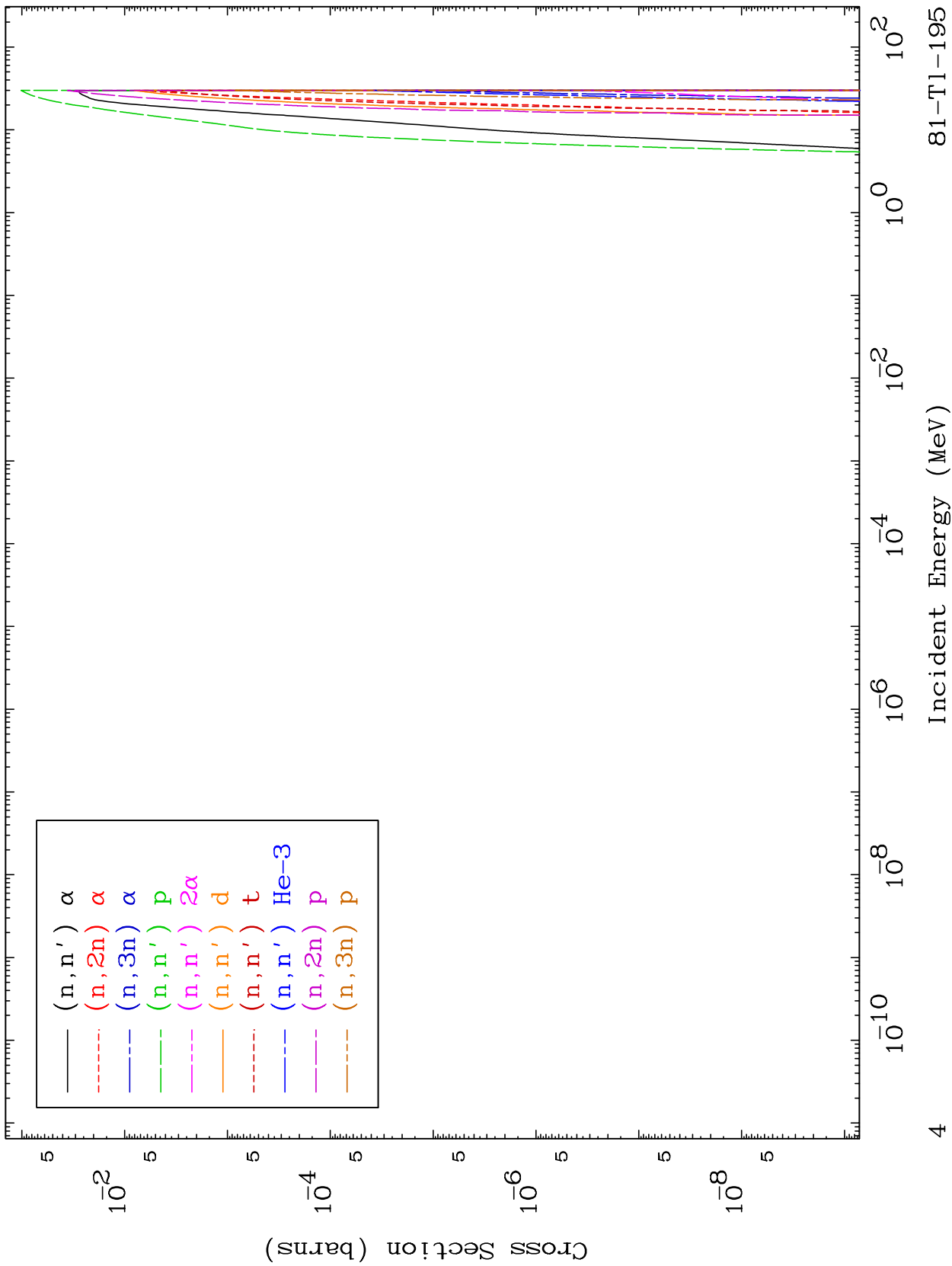
MAT 8102

Neutron Production
293 Kelvin Cross Sections

81-Tl-195



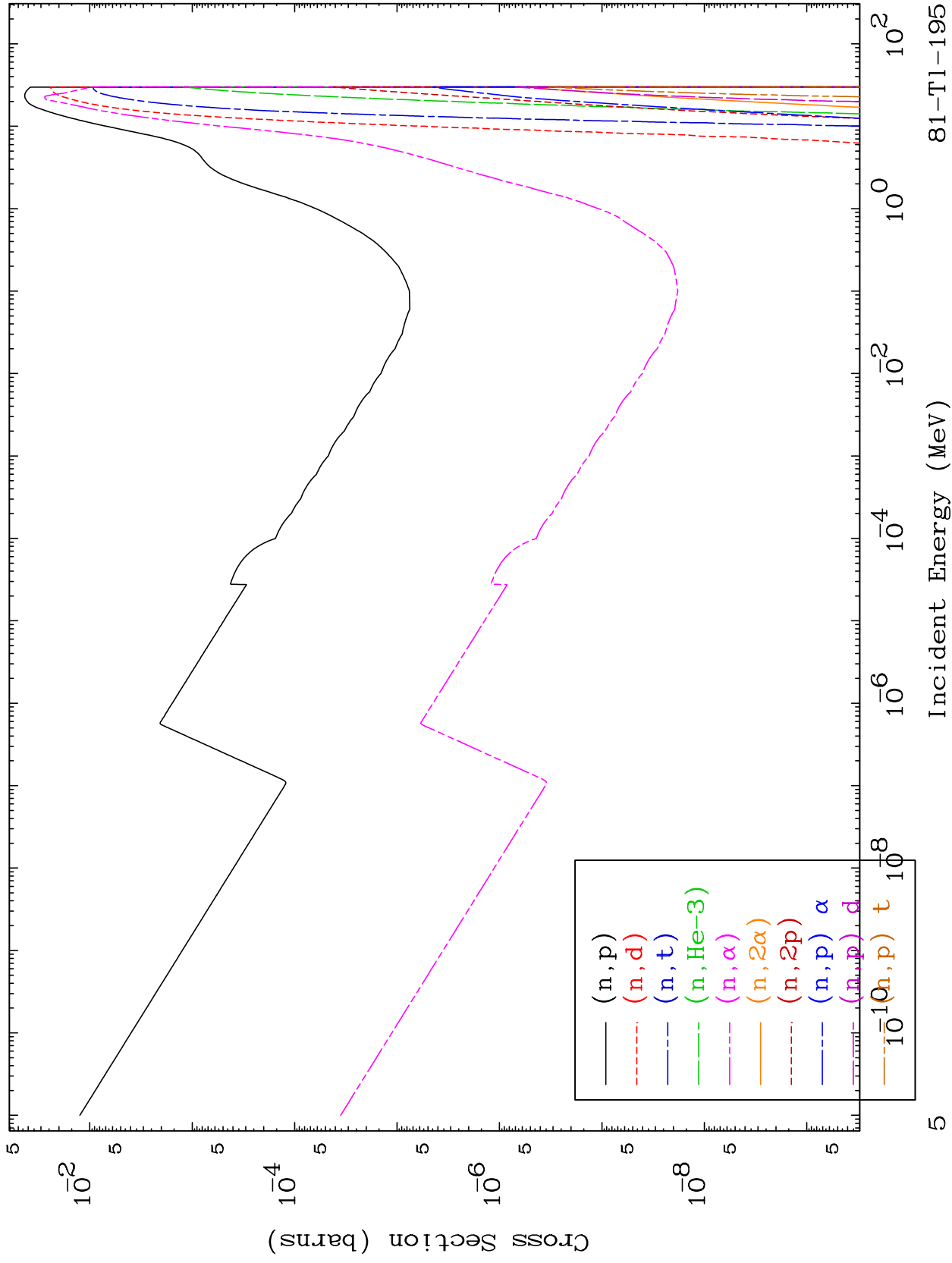




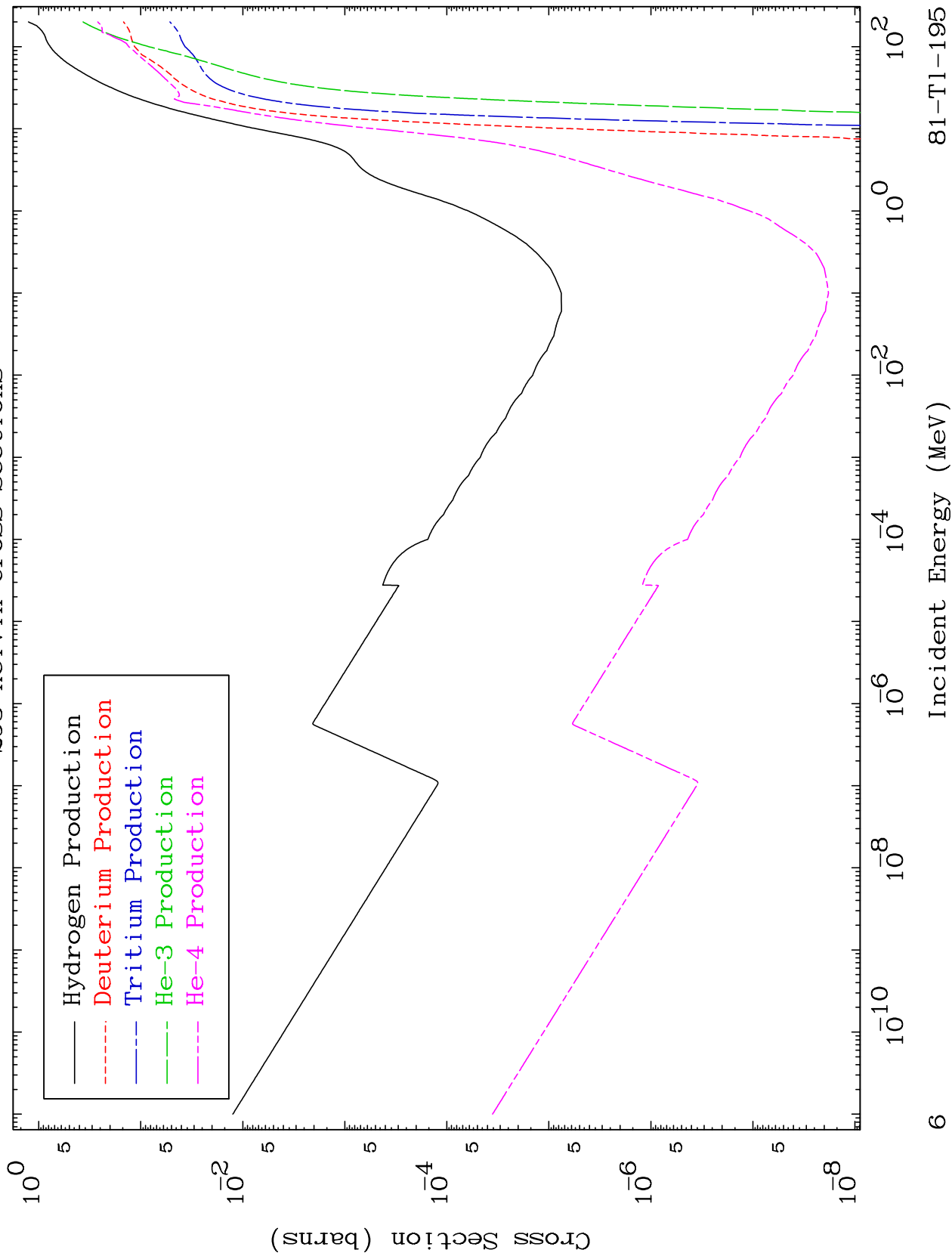
MAT 8102

Charged Particle
293 Kelvin Cross Sections

81-Tl-195



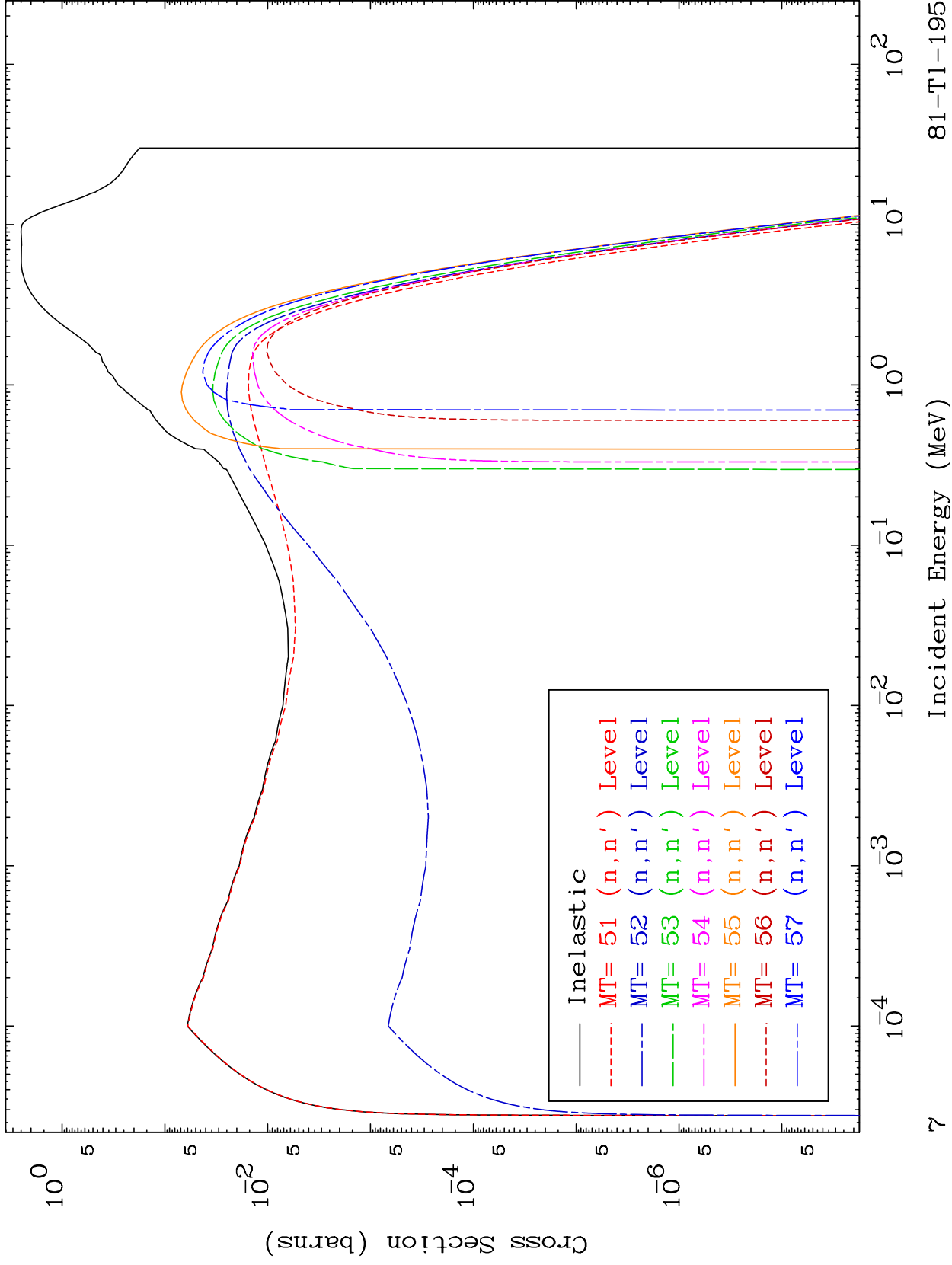
5



MAT 8102

(n,n') Level
293 Kelvin Cross Sections

81-T1-195

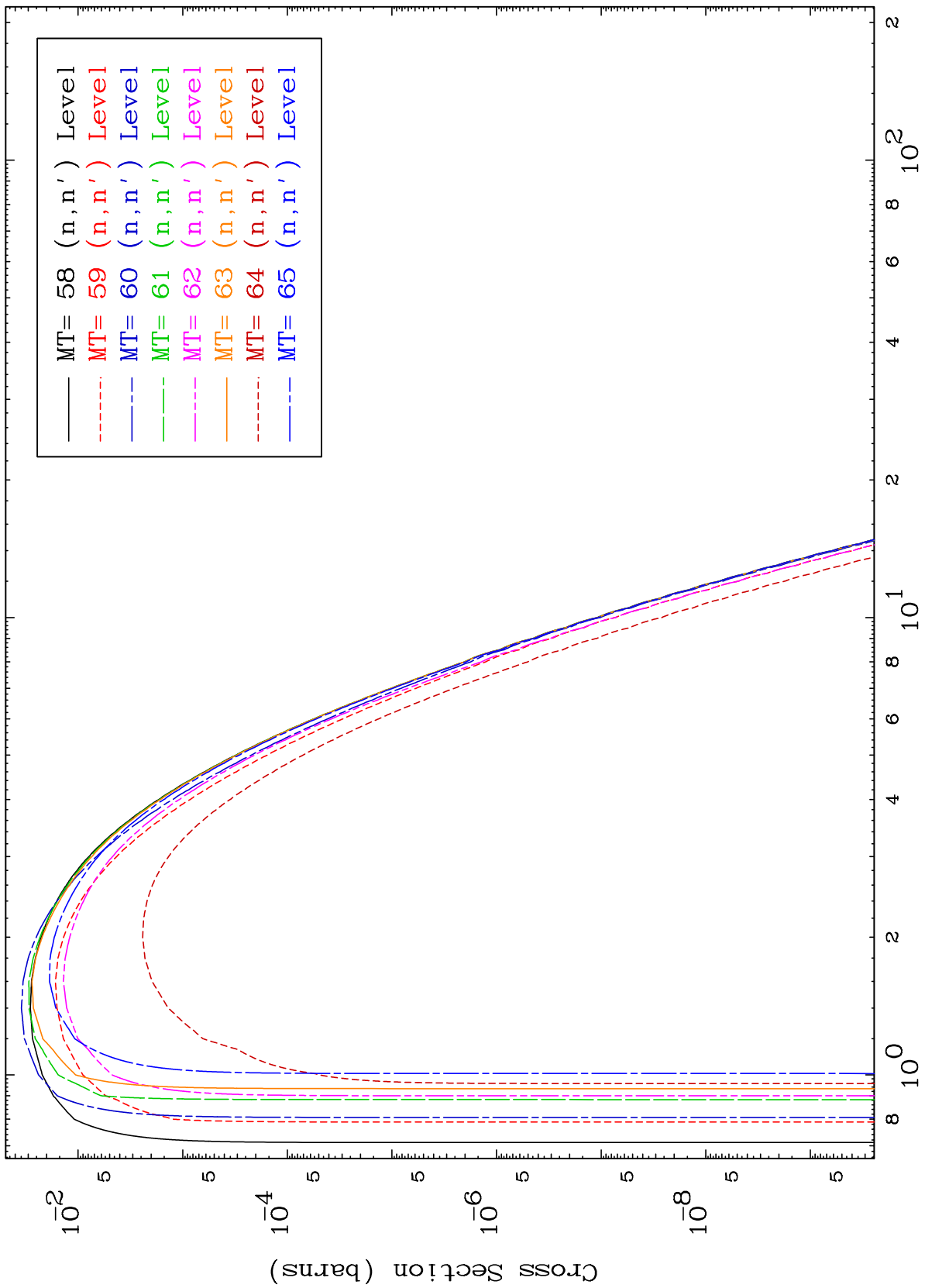


MAT 8102

(n,n') Level

81-Tl-195

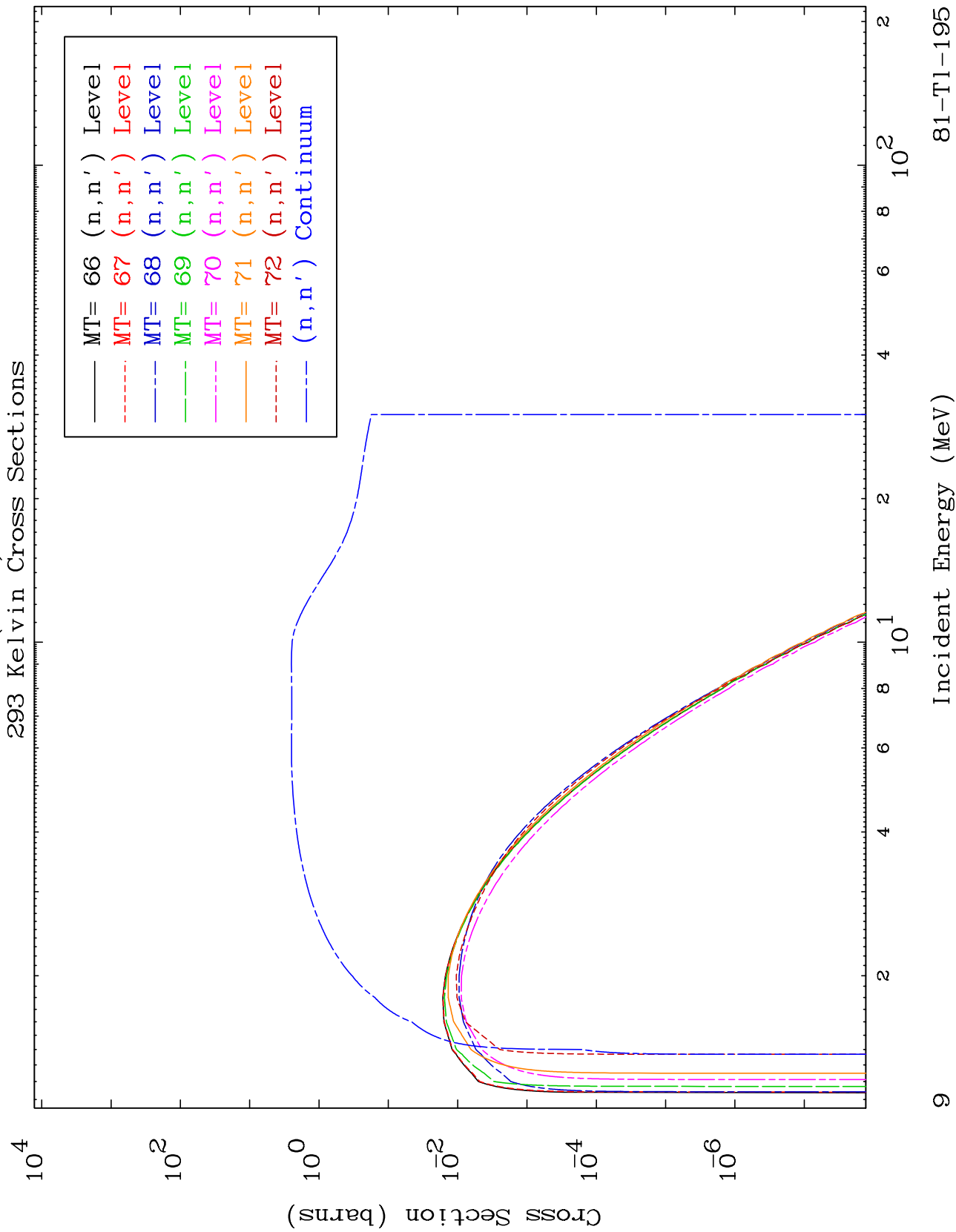
293 Kelvin Cross Sections



Incident Energy (MeV)

81-Tl-195

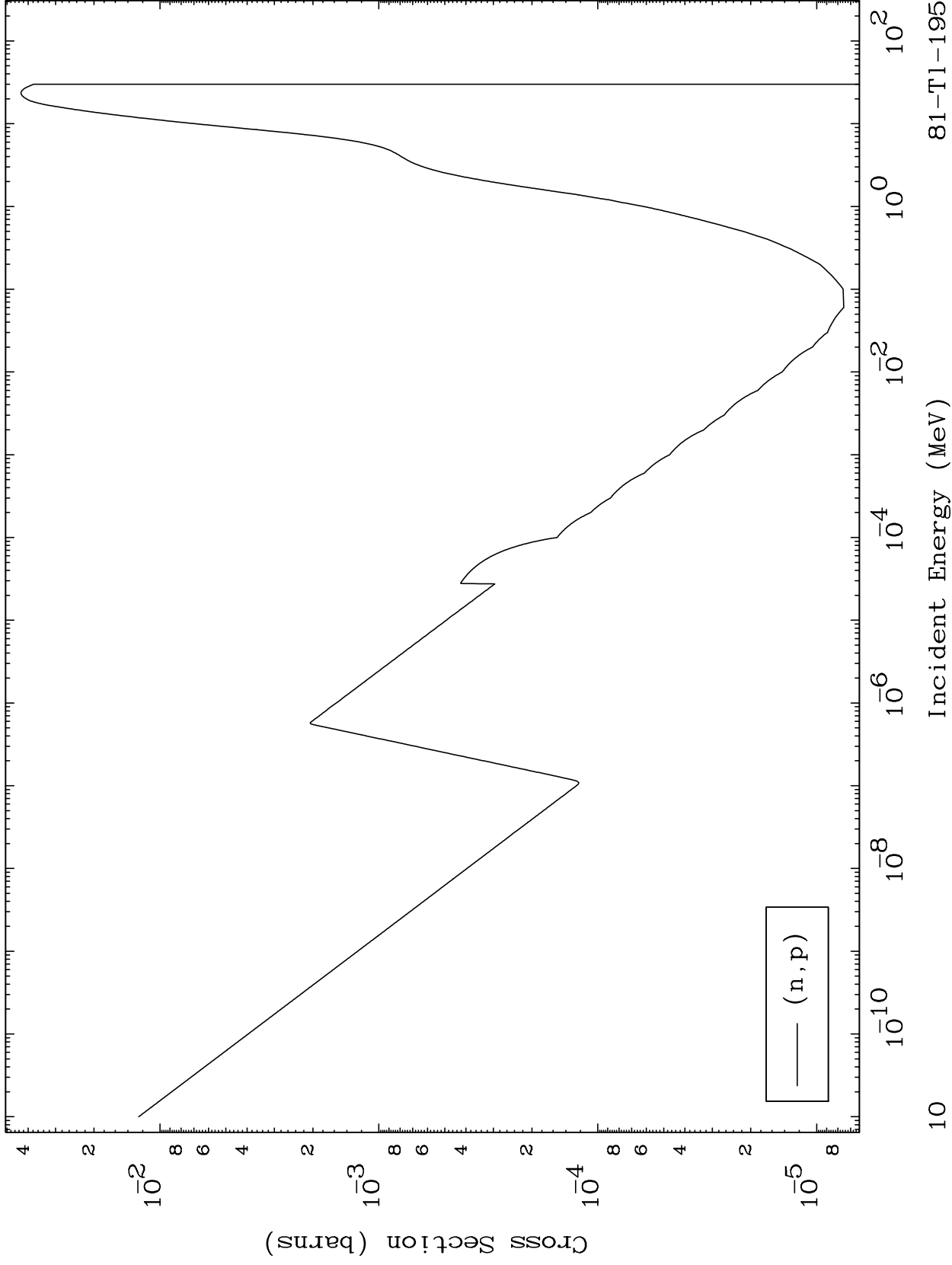
8



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(n,p) Levels
293 Kelvin Cross Sections

81-Tl-195



10

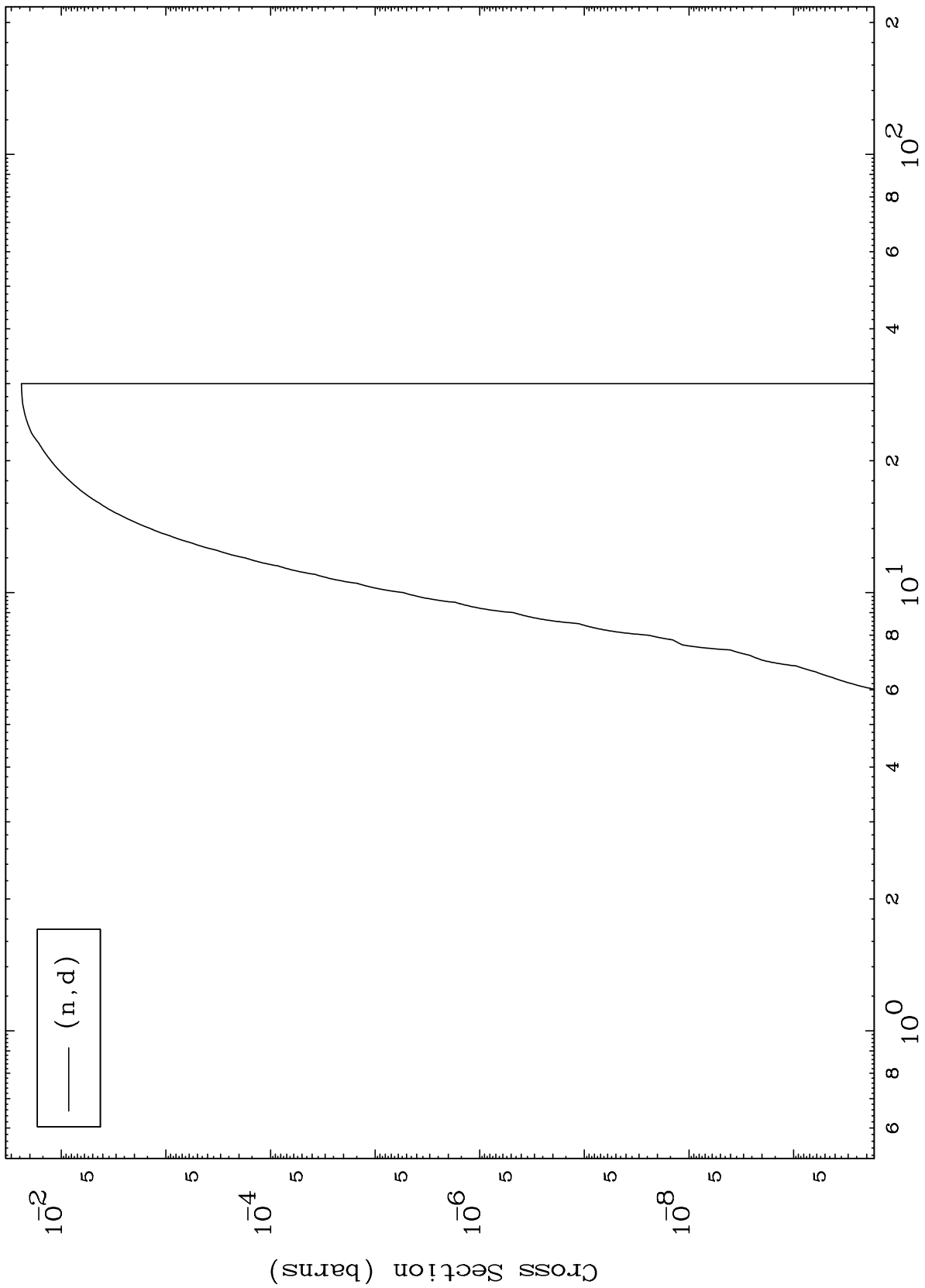
Incident Energy (MeV)

81-Tl-195

MAT 8102

(n,d) Levels
293 Kelvin Cross Sections

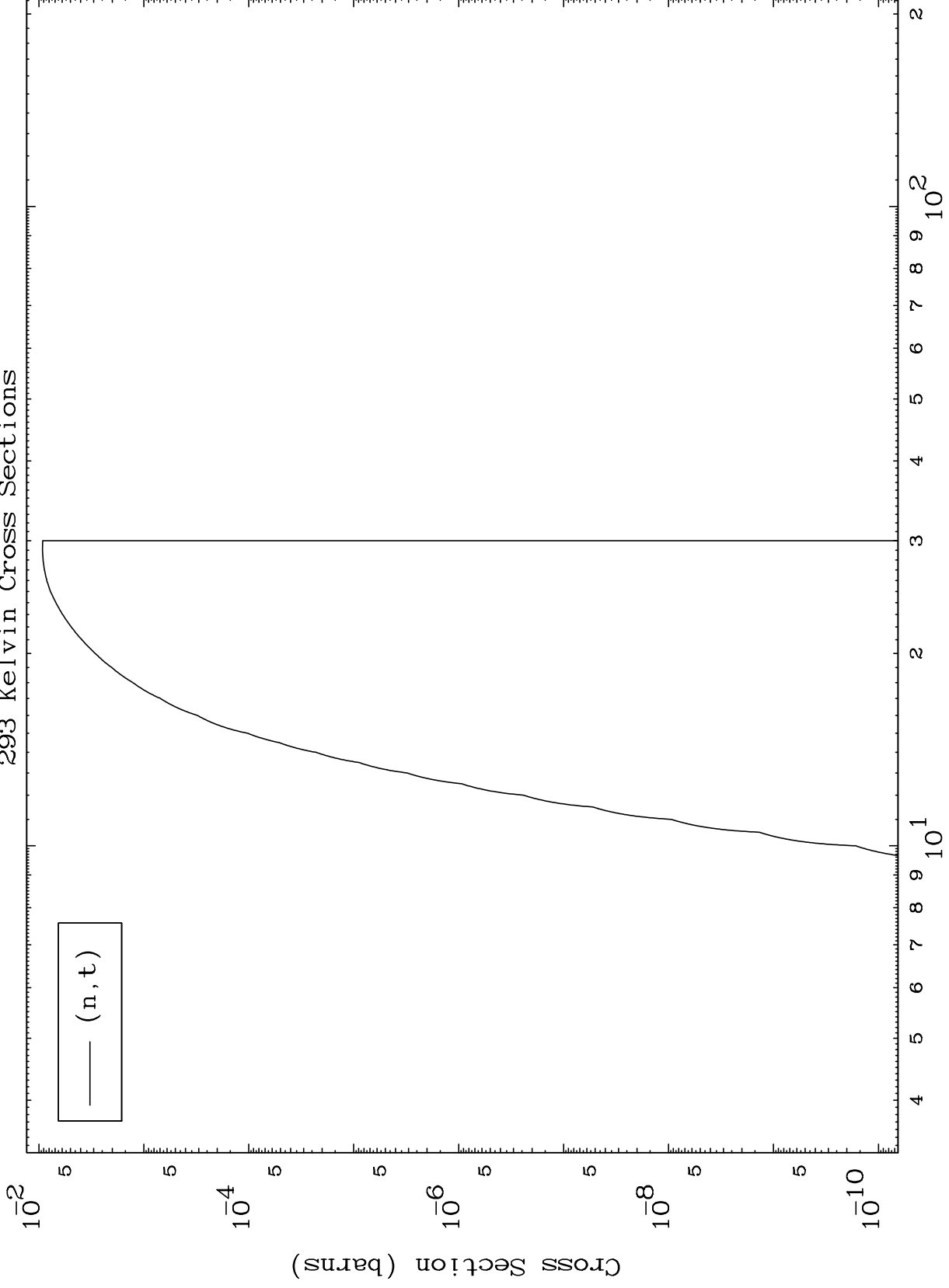
81-Tl-195



MAT 8102

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-195



12

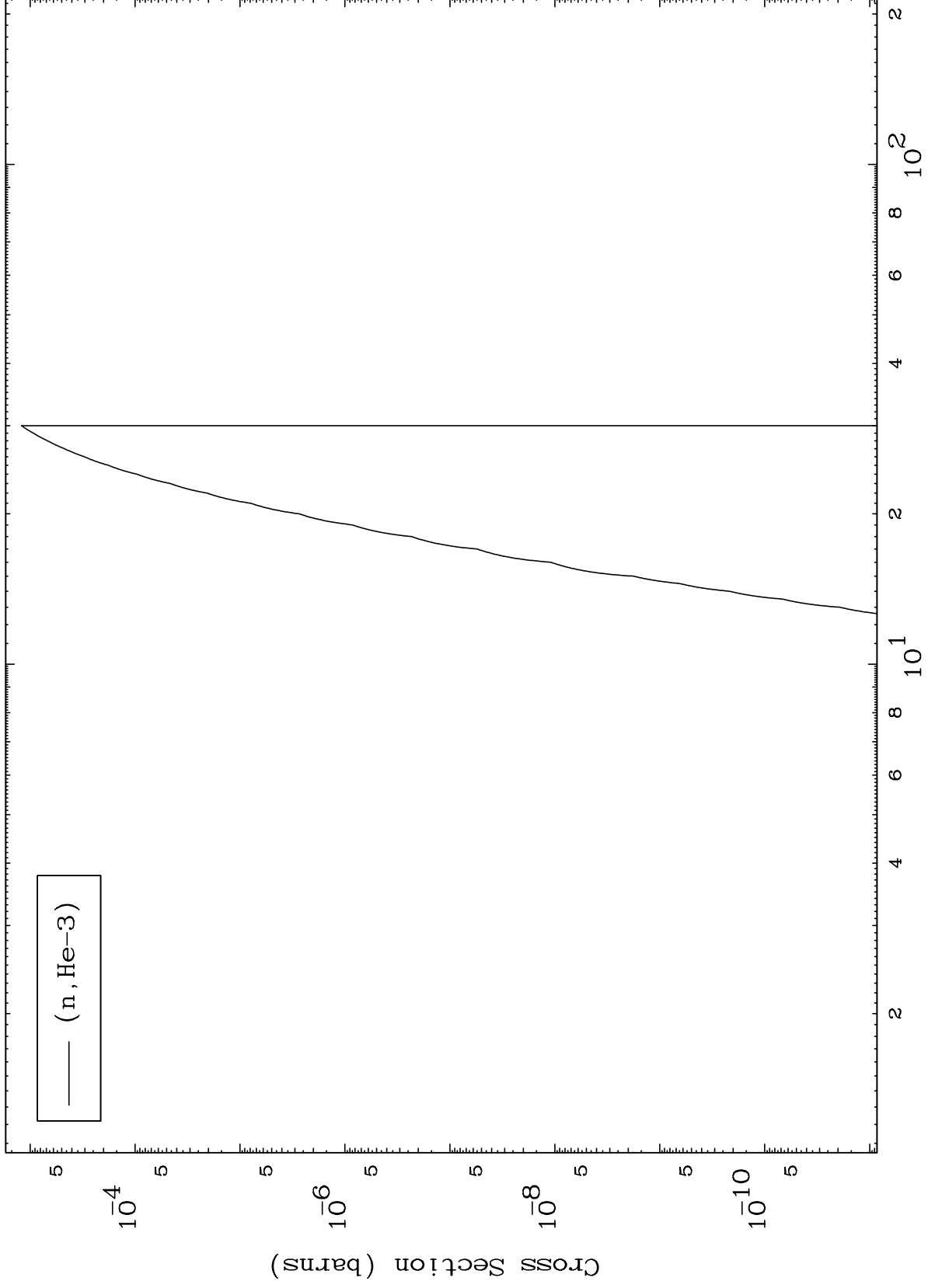
Incident Energy (MeV)

81-Tl-195

MAT 8102

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-195



13

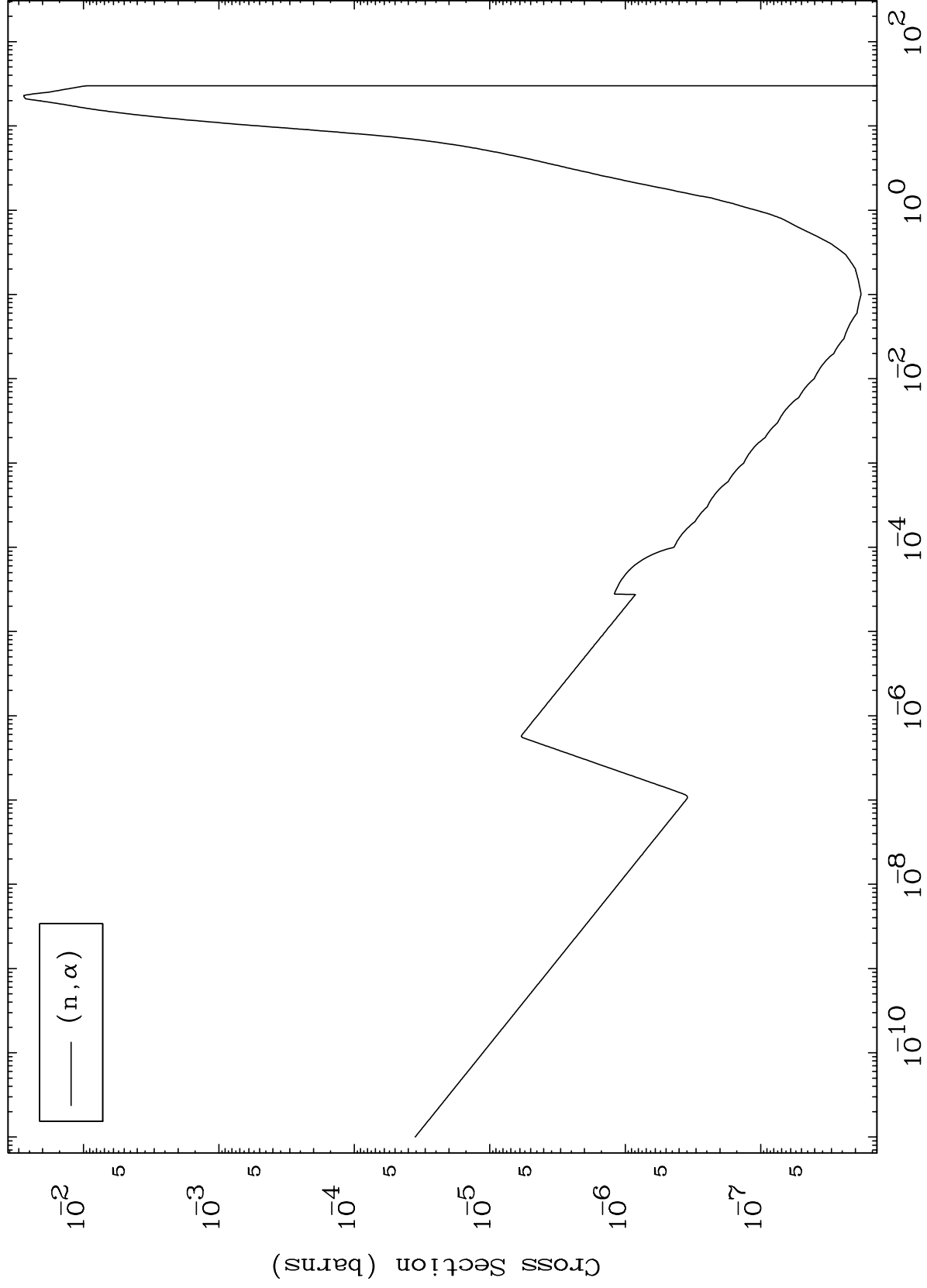
Incident Energy (MeV)

81-T1-195

MAT 8102

(n, α) Levels
293 Kelvin Cross Sections

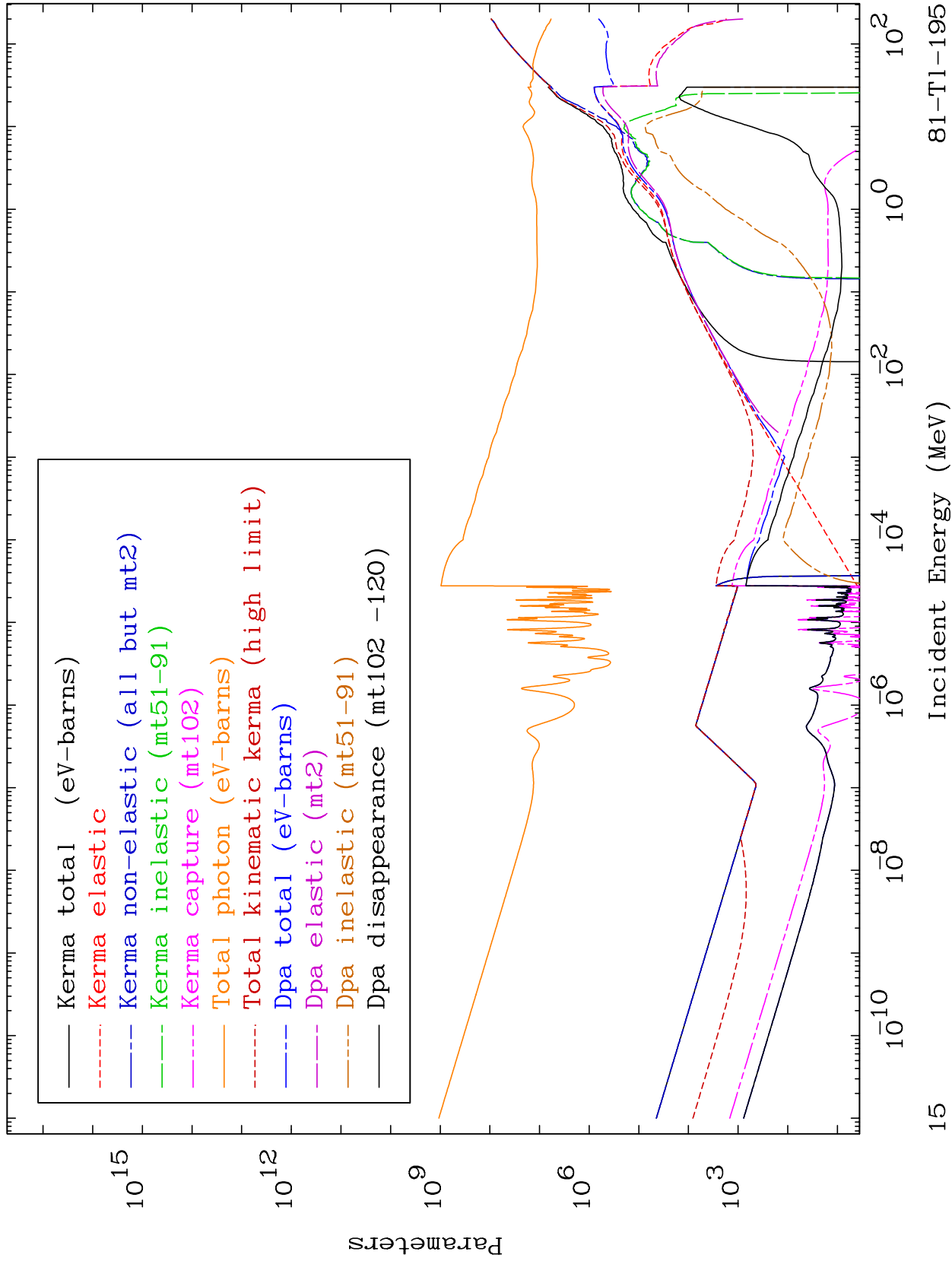
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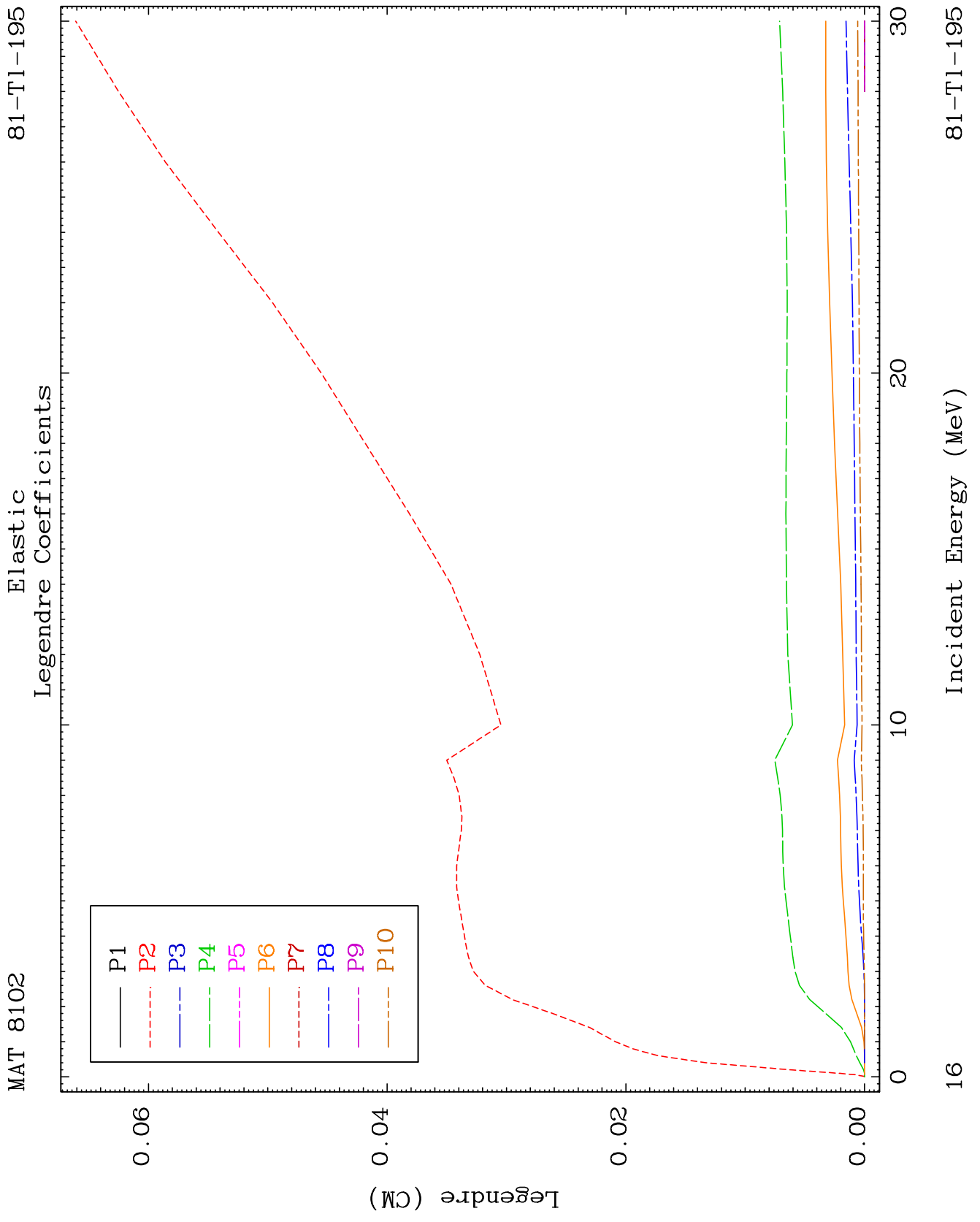


14

Incident Energy (MeV)

81-Tl-195





MAT 8102

Elastic Legendre Coefficients

81-T1-195

16

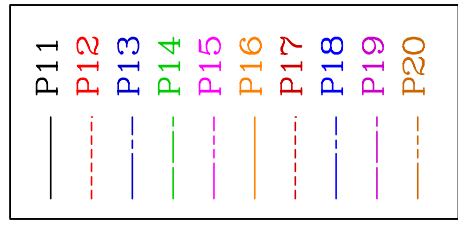
Incident Energy (MeV)

81-T1-195

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Elastic
Legendre Coefficients

81-T1-195



$\times 10^{-4}$

Legendre (CM)



17

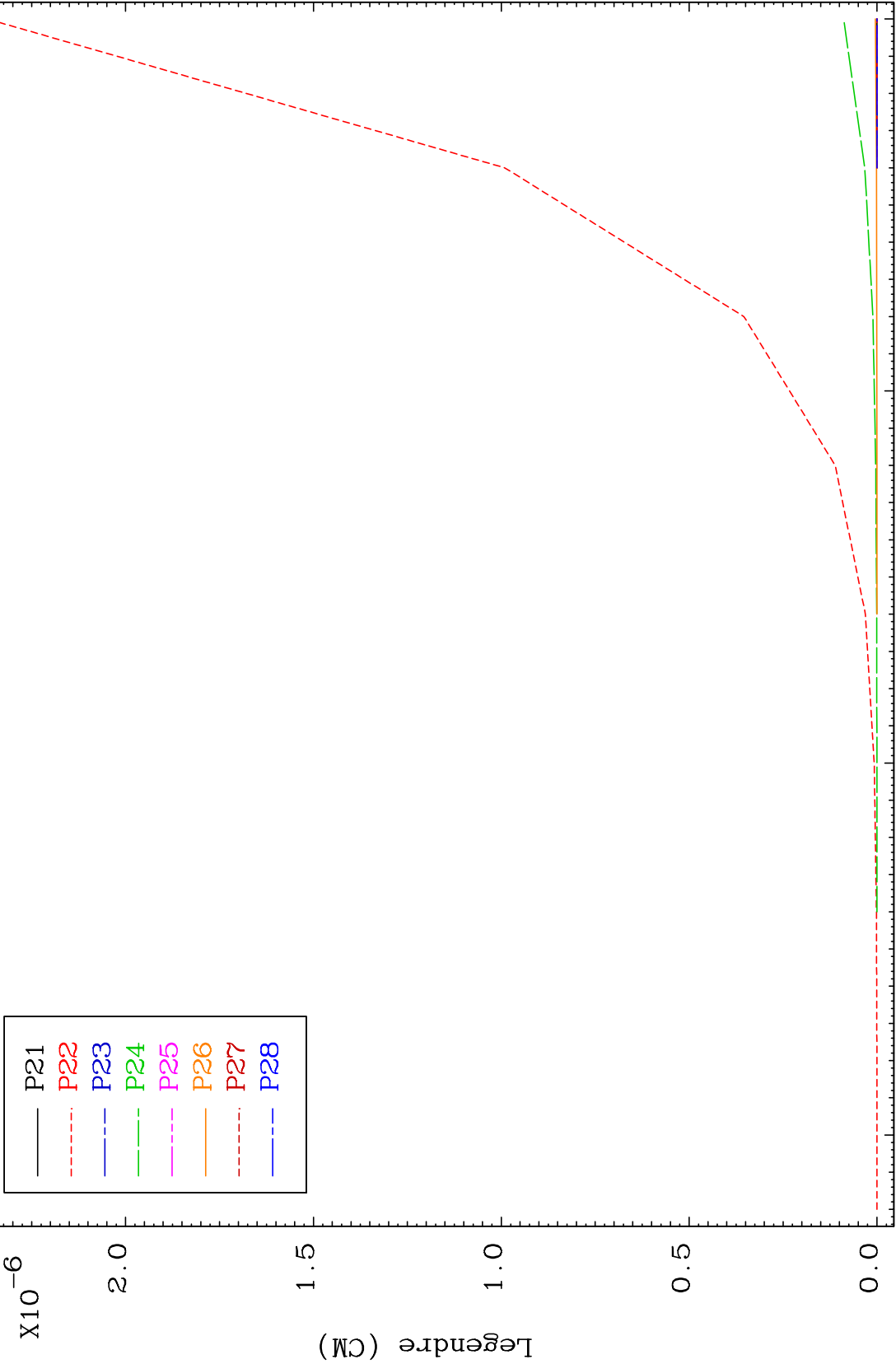
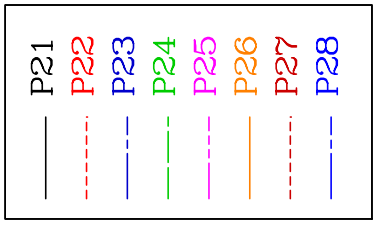
Incident Energy (MeV)

81-T1-195

MAT 8102

Elastic Legendre Coefficients

81-T1-195



18

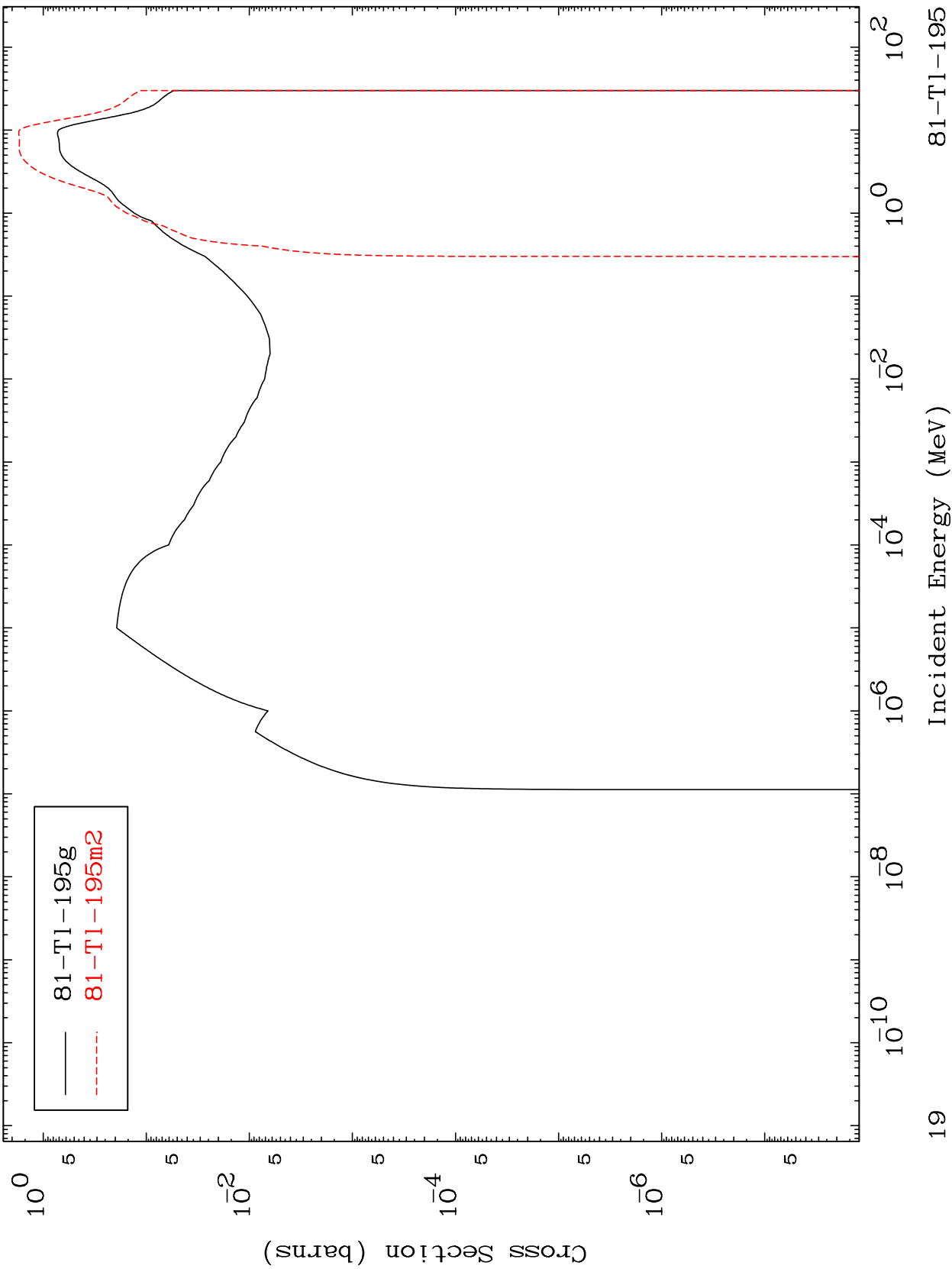
Incident Energy (MeV)

81-T1-195

MAT 8102

81-Tl-195

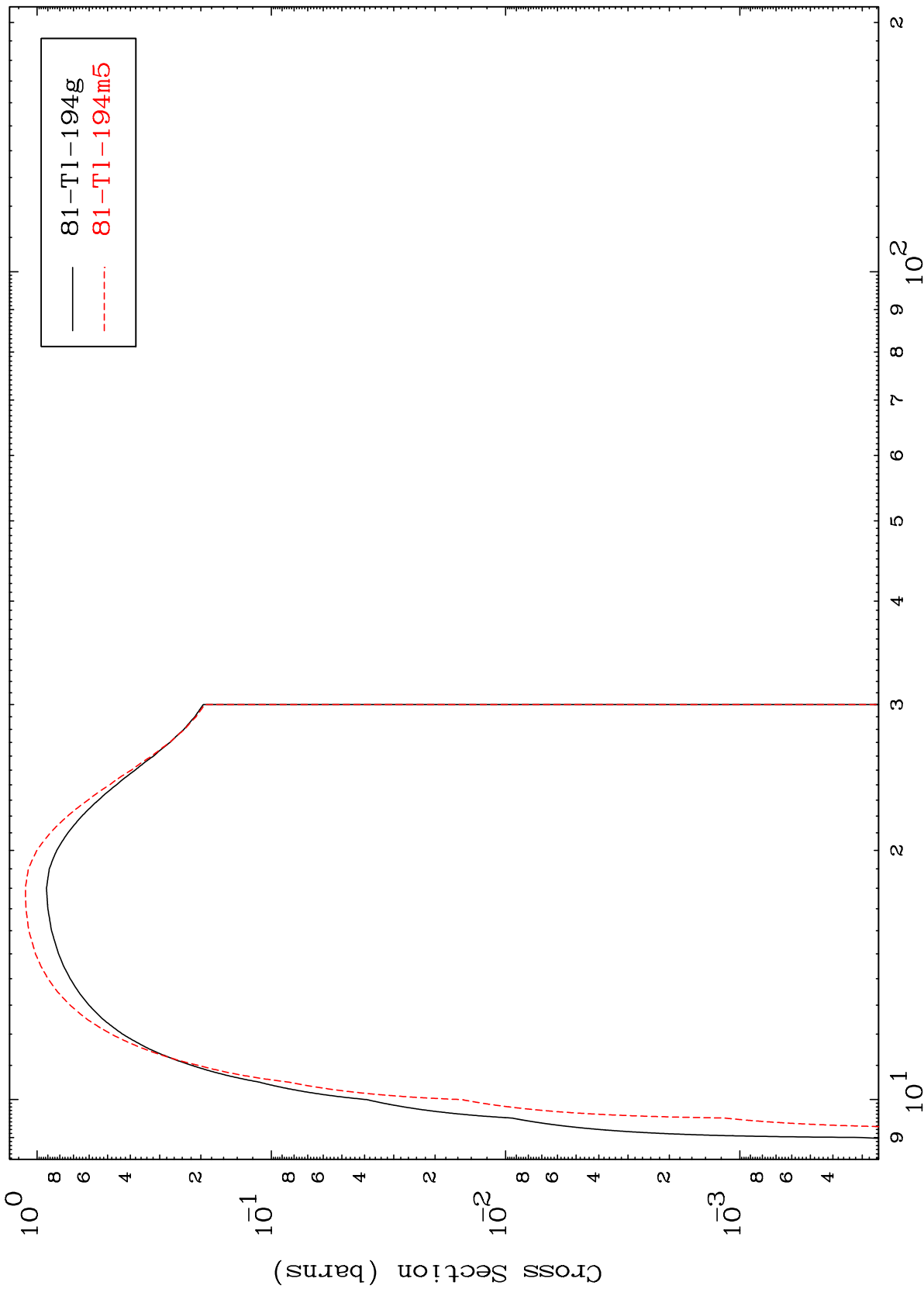
Inelastic
Radionuclide Production Cross Section



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81-Tl-195

(n,2n)
Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m5

81-Tl-195

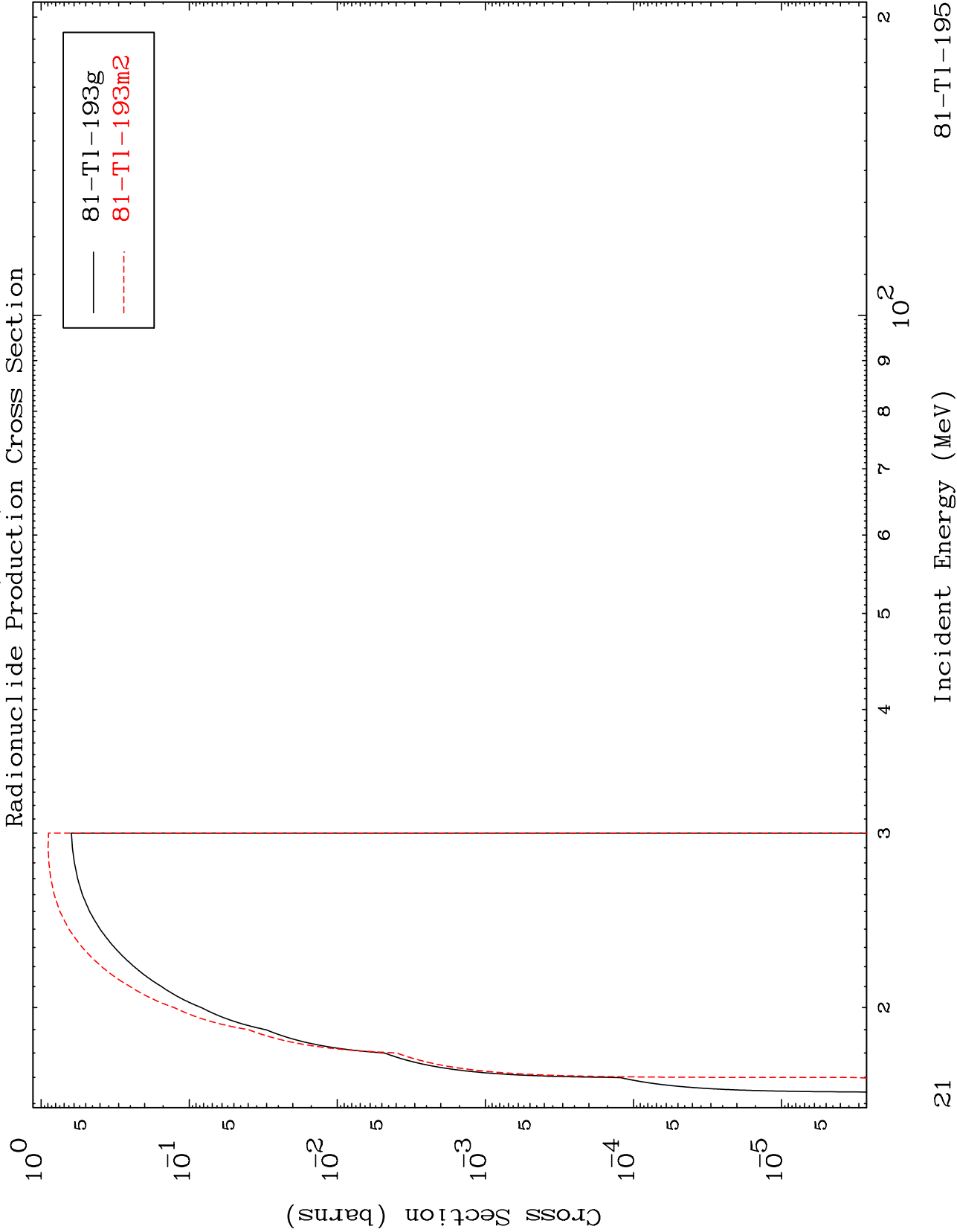
Incident Energy (MeV)

20

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(n,3n)

81-Tl-195



21

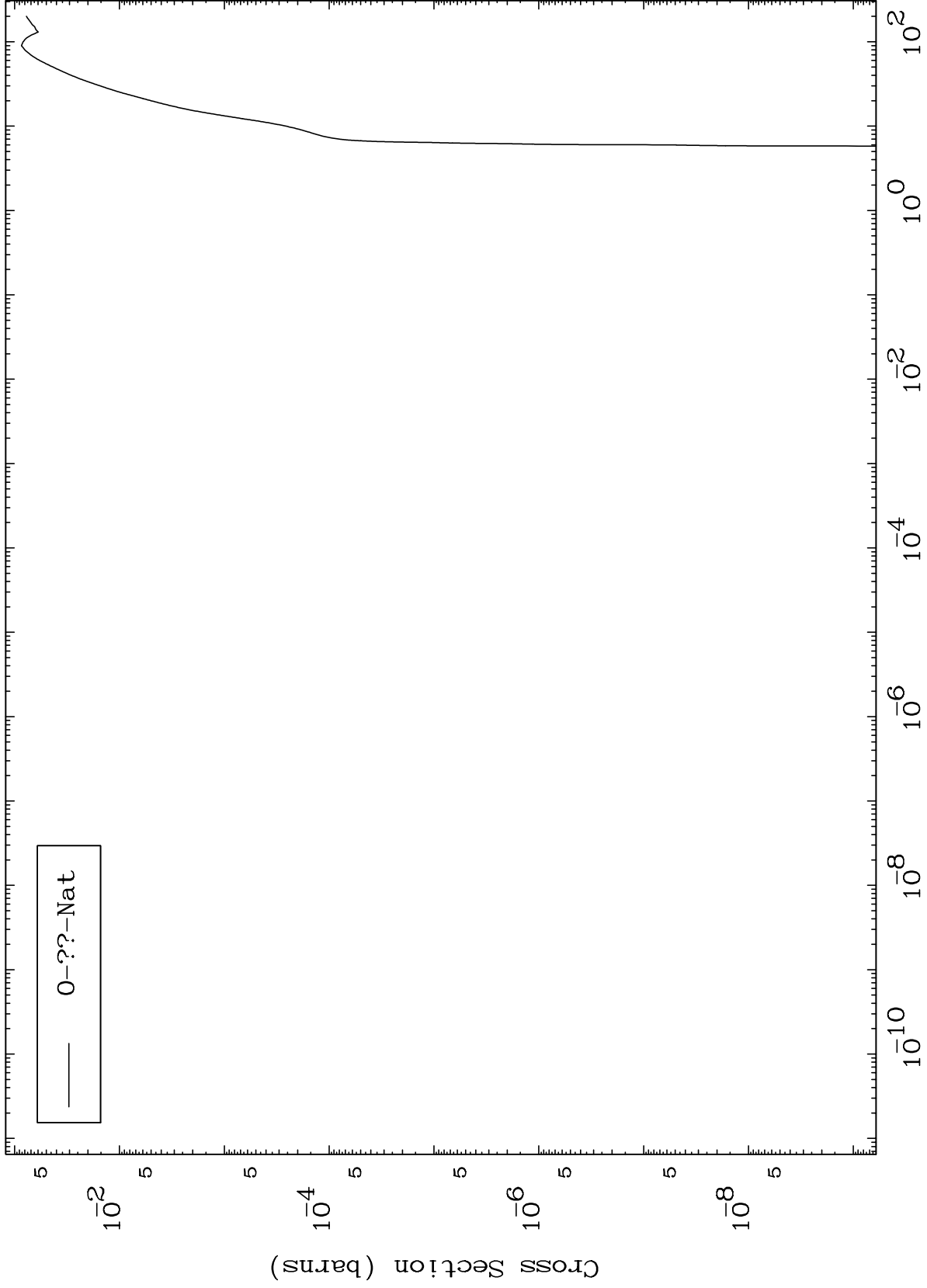
81-Tl-195

MAT 8102

Fission

81-Tl-195

Radionuclide Production Cross Section



22

Incident Energy (MeV)

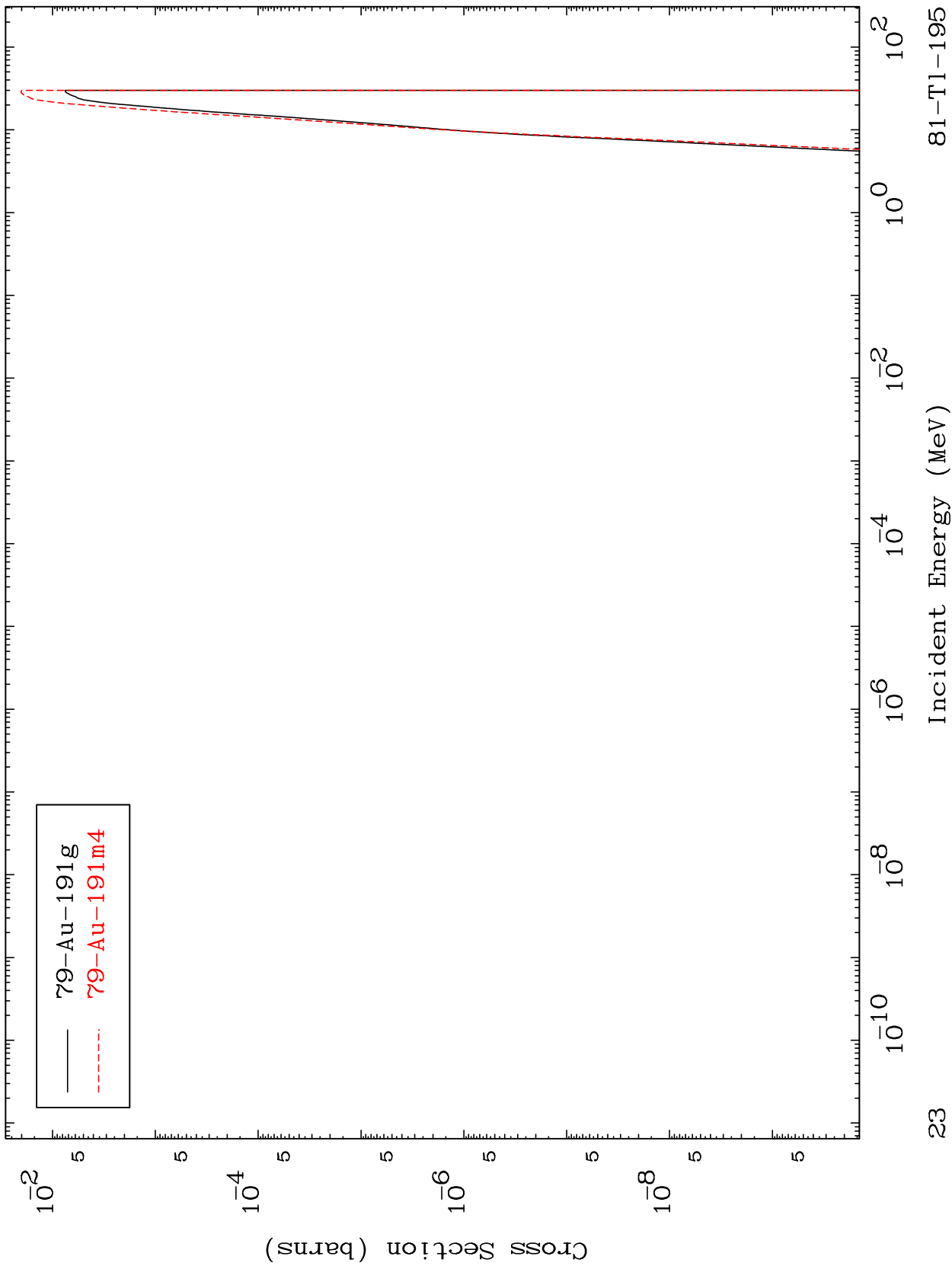
81-Tl-195

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$(n, n') \alpha$

81-Tl-195

Radionuclide Production Cross Section



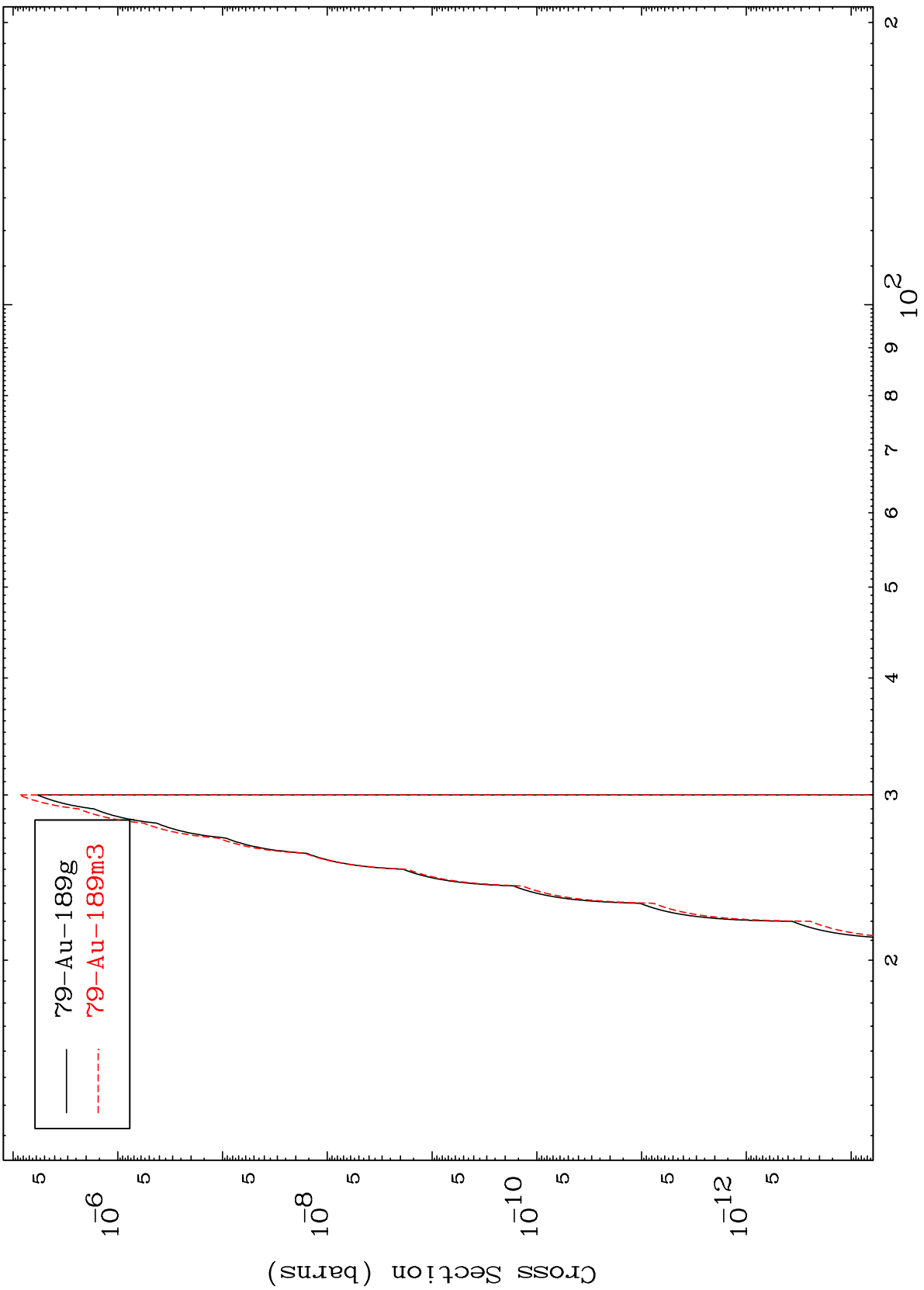
79-Au-191g
79-Au-191m4

MAT 8102

(n,3n) α

81-Tl-195

Radionuclide Production Cross Section

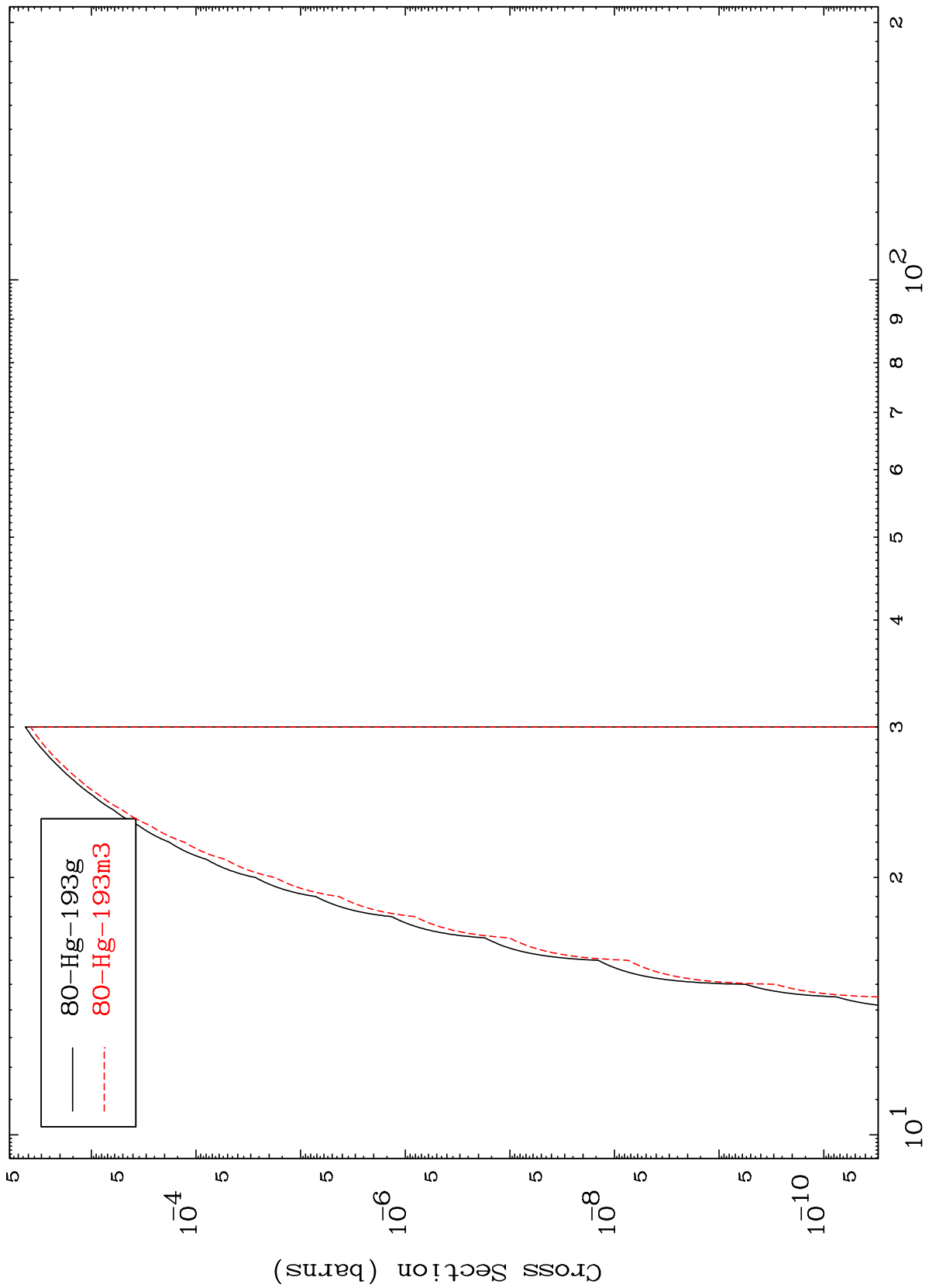


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(n,n') d

81-T1-195

Radionuclide Production Cross Section



25

Incident Energy (MeV)

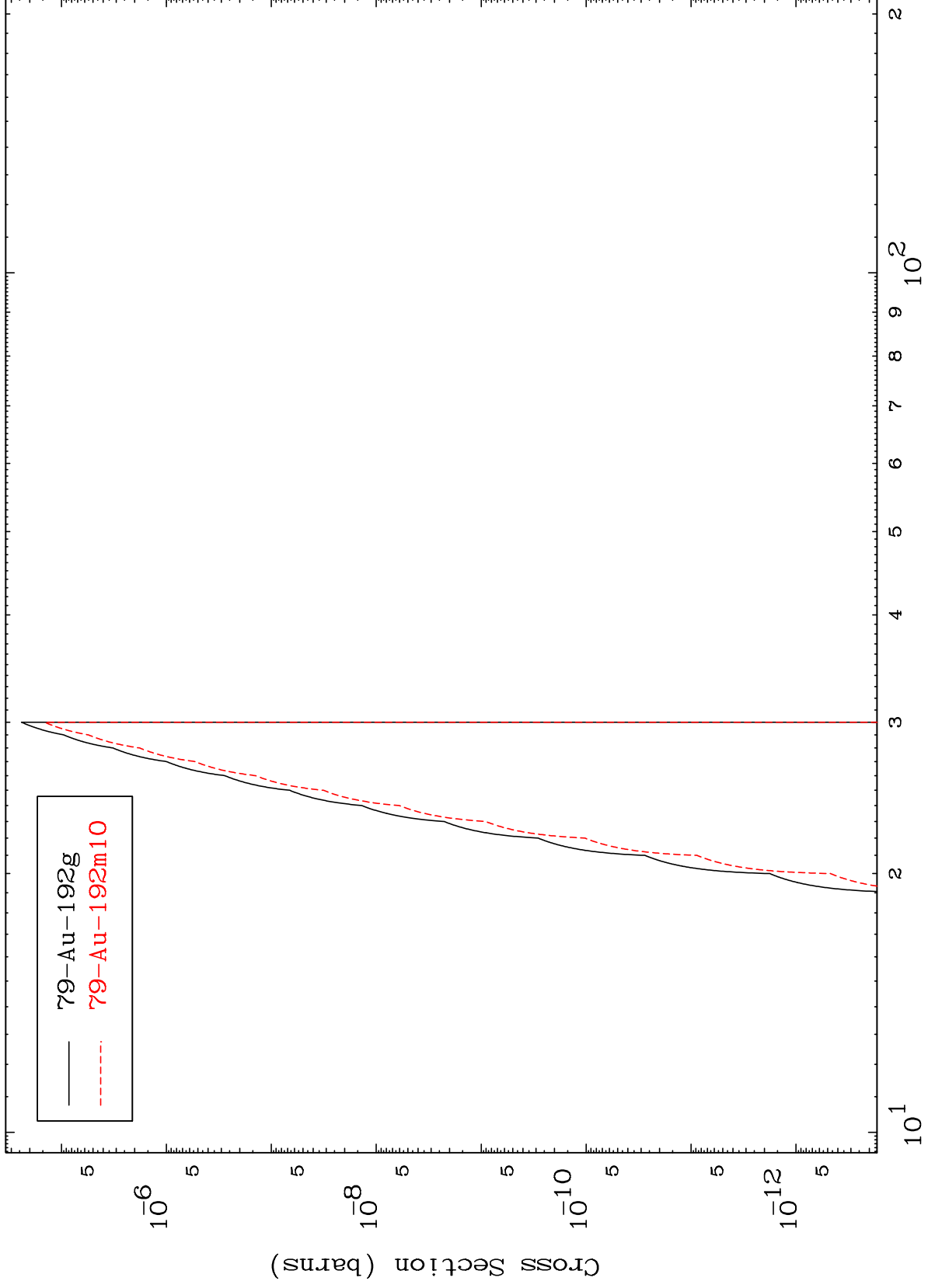
81-T1-195

MAT 8102

(n,n') He-3

81-Tl-195

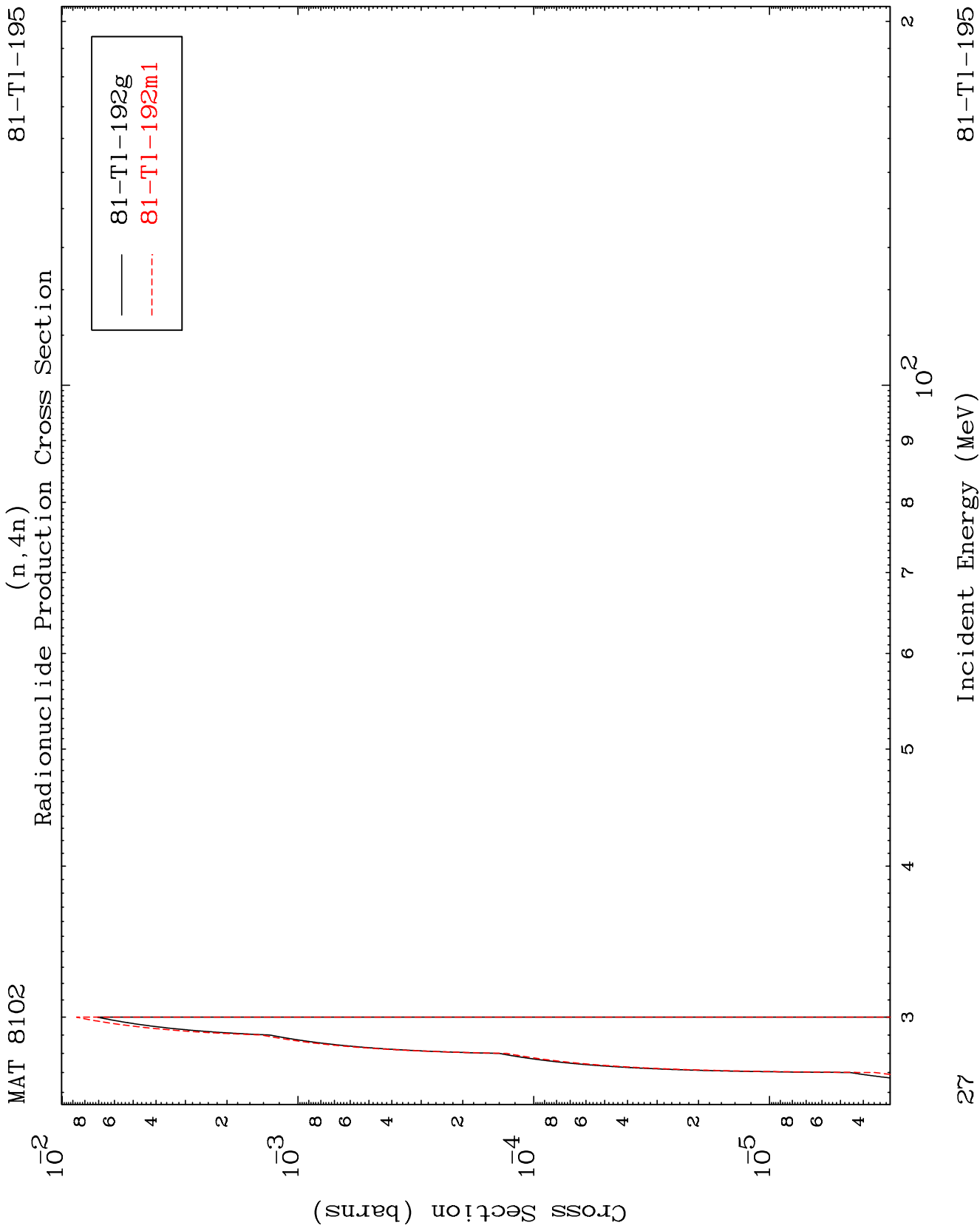
Radionuclide Production Cross Section



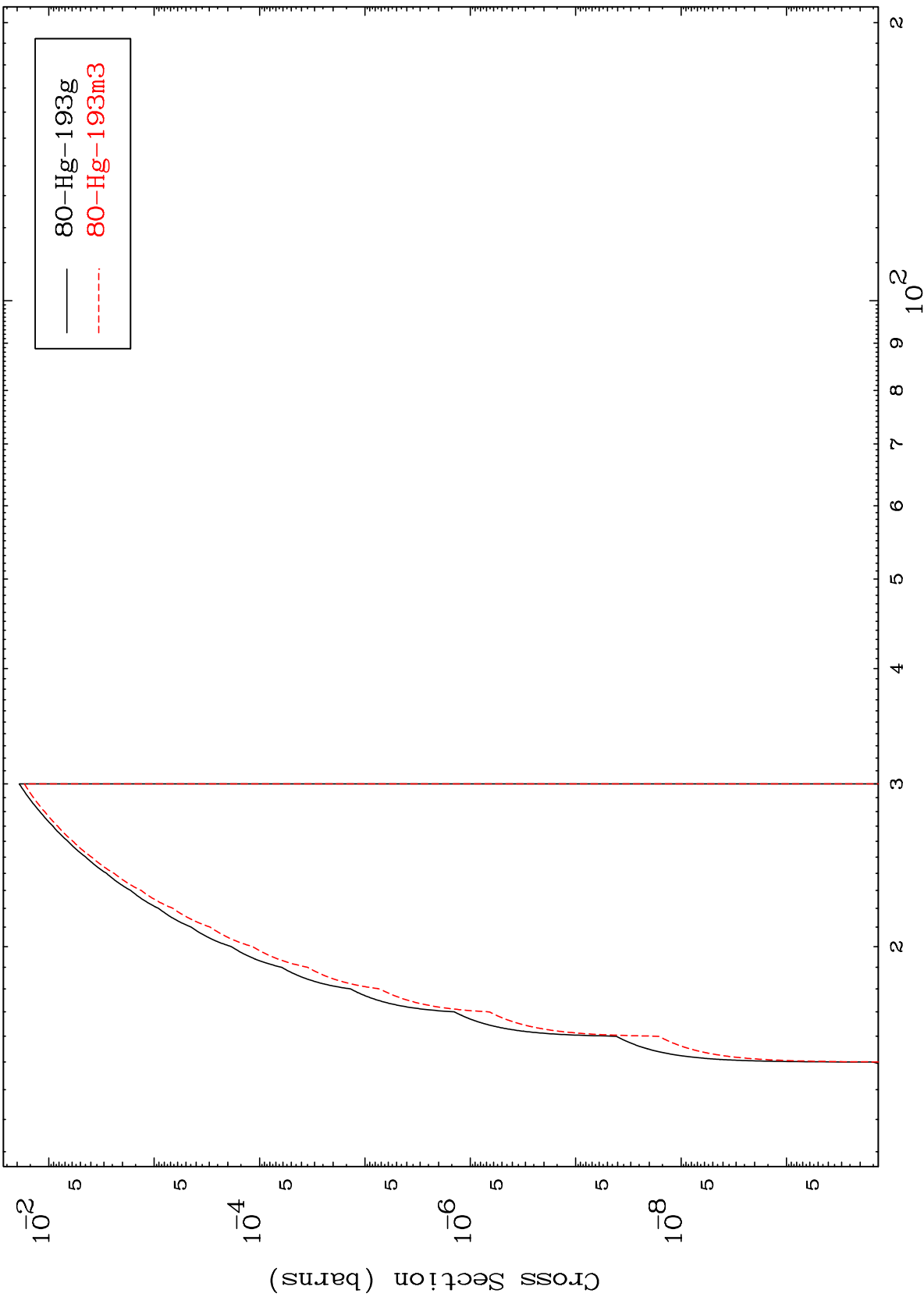
26

Incident Energy (MeV)

81-Tl-195



Radionuclide Production Cross Section

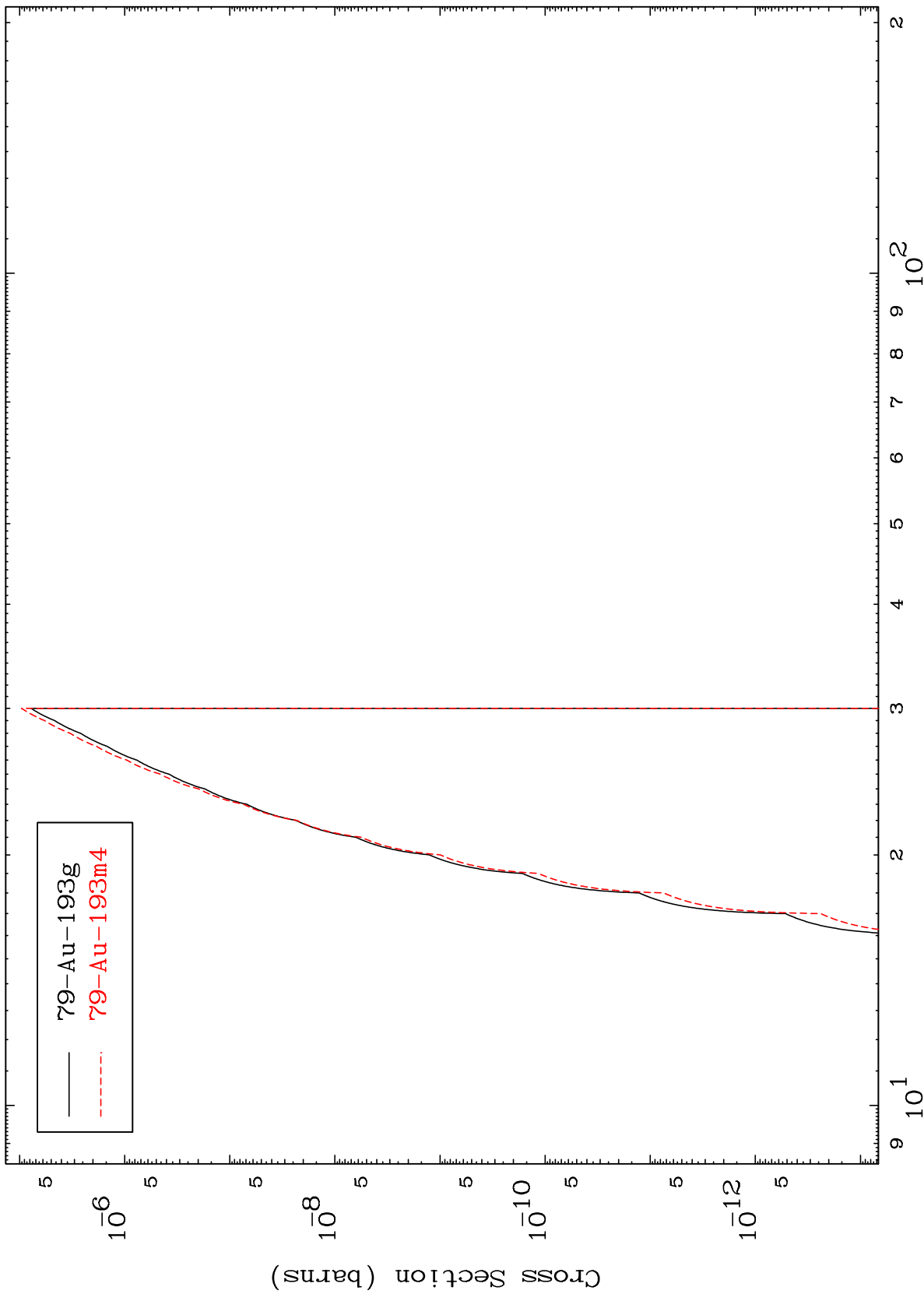


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(n,2n) p

81-Tl-195

Radionuclide Production Cross Section



79-Au-193g
79-Au-193m4

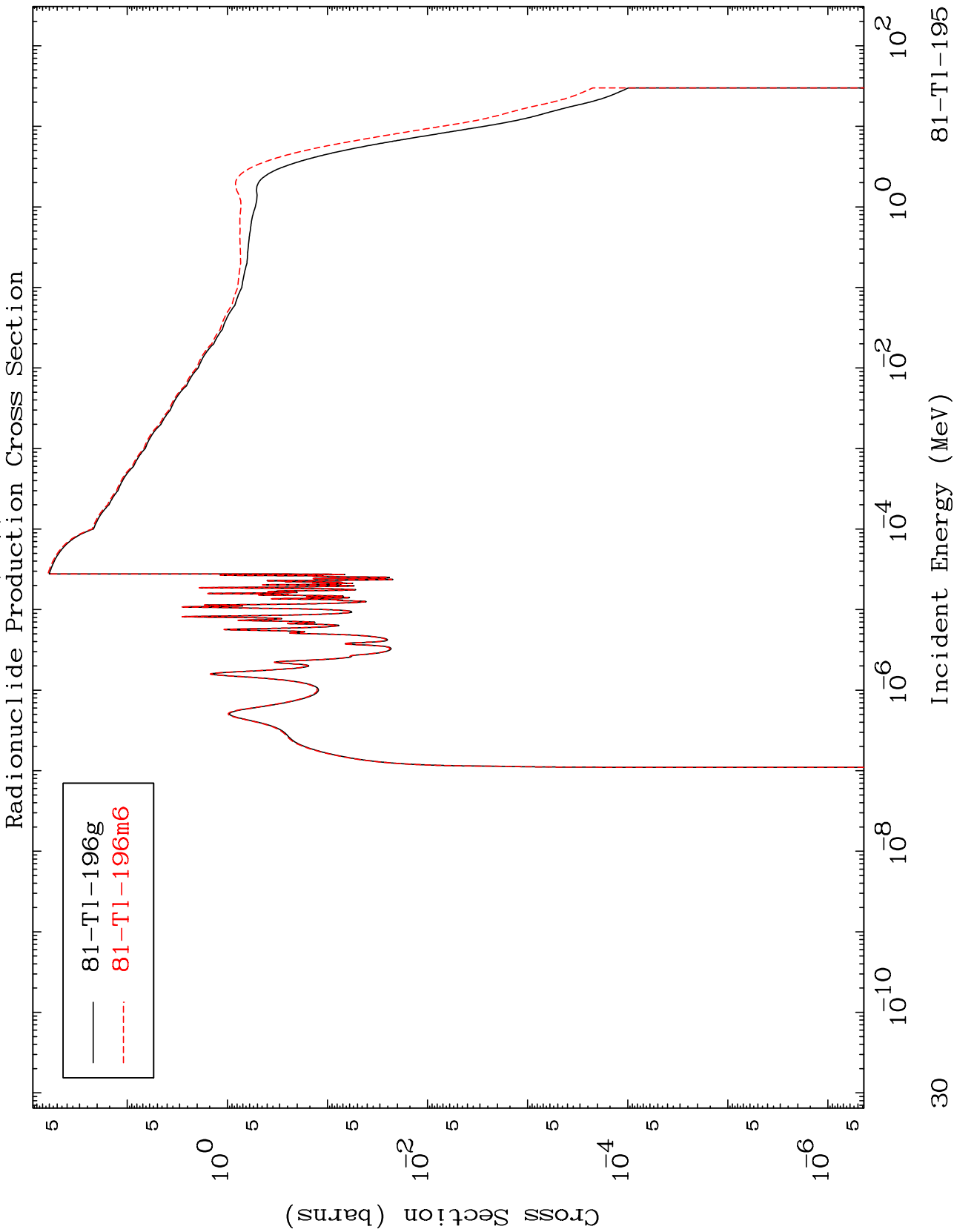
29

Incident Energy (MeV)

81-Tl-195

MAT 8102

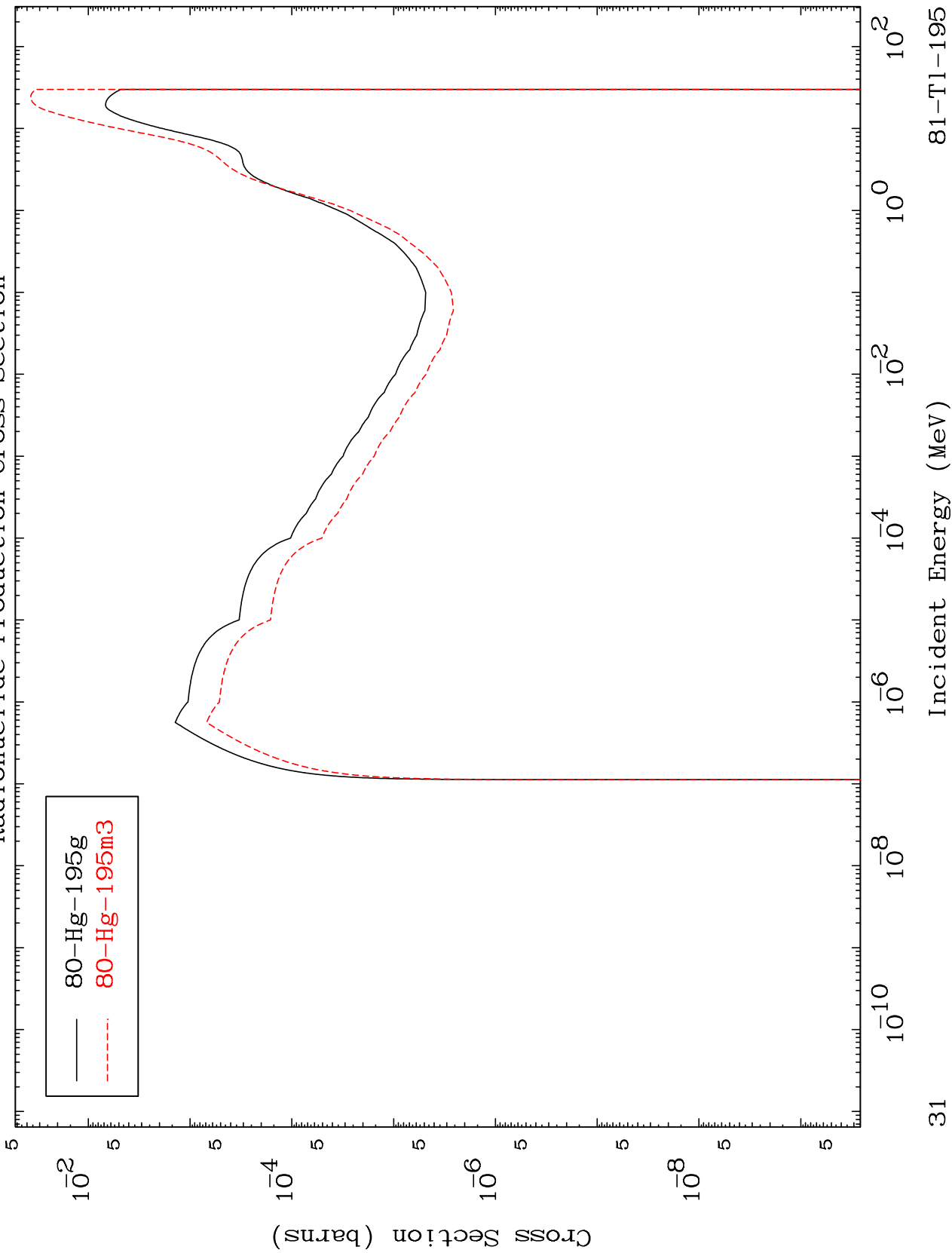
81-Tl-195



MAT 8102

81-Tl-195

(n,p)
Radionuclide Production Cross Section

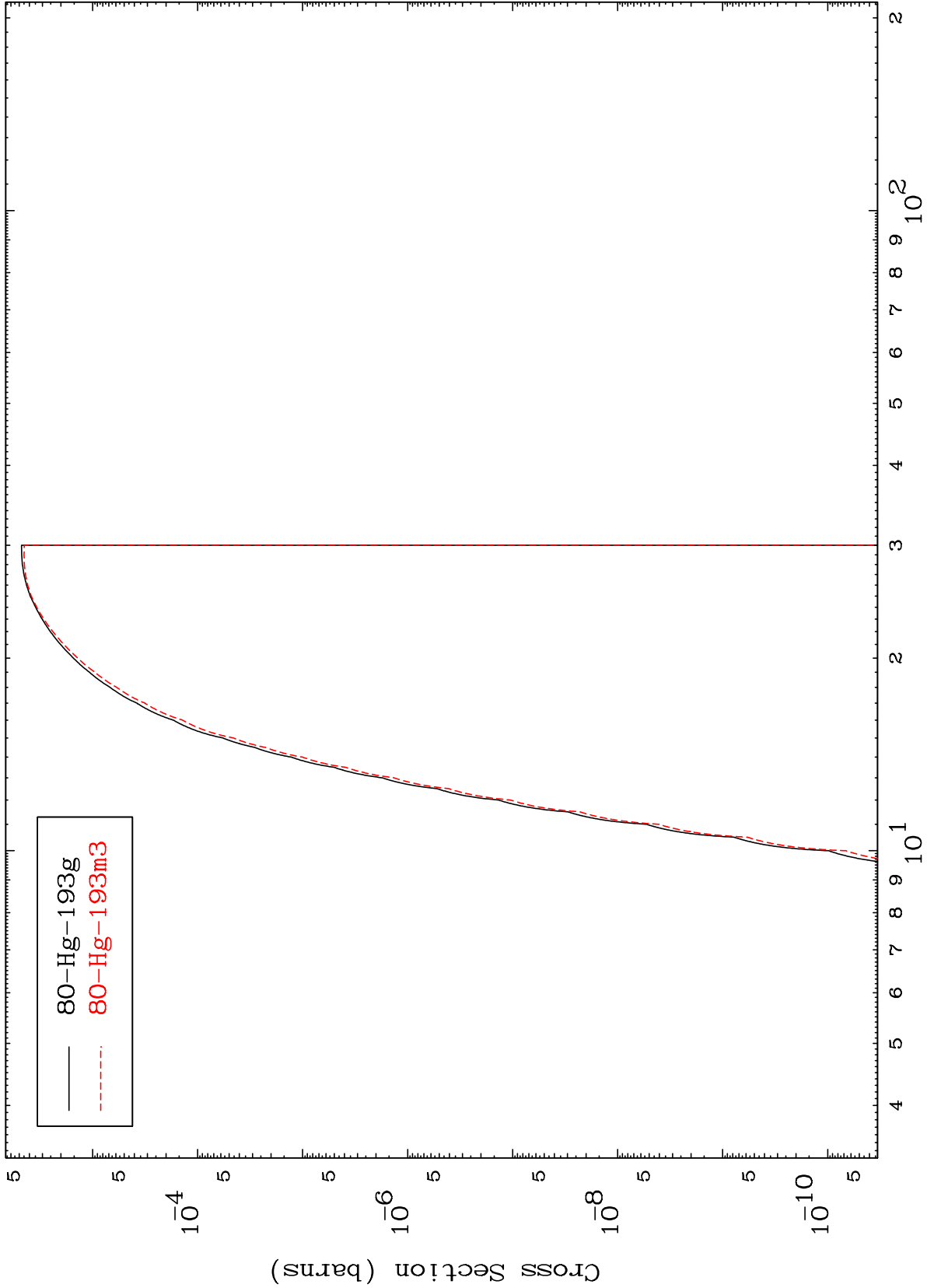


— 80-Hg-195g
- - - 80-Hg-195m3

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81-Tl-195

(n, t)
Radionuclide Production Cross Section



32

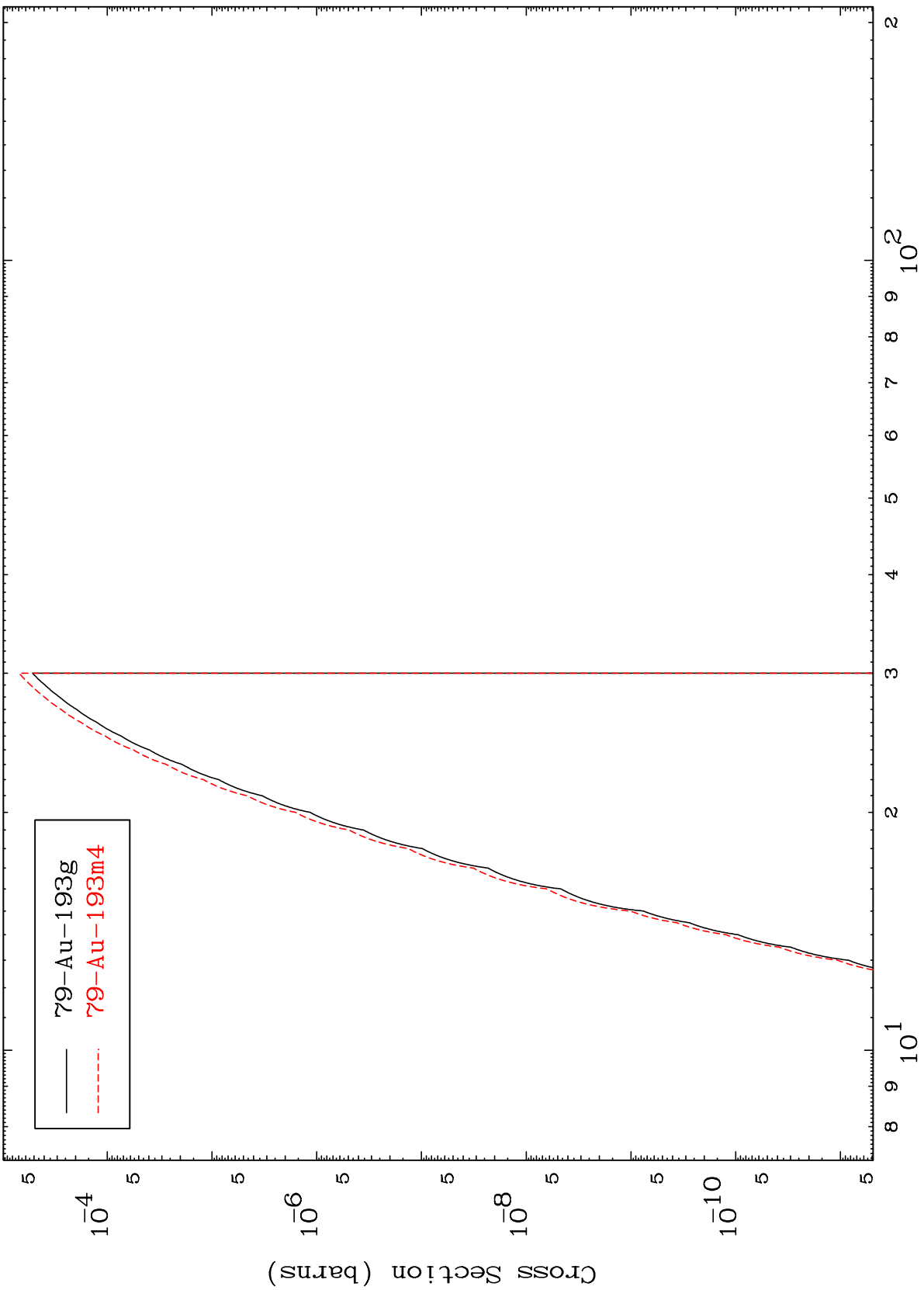
81-Tl-195

Incident Energy (MeV)

MAT 8102

81-Tl-195

Radionuclide Production Cross Section
(n,He-3)



Incident Energy (MeV)

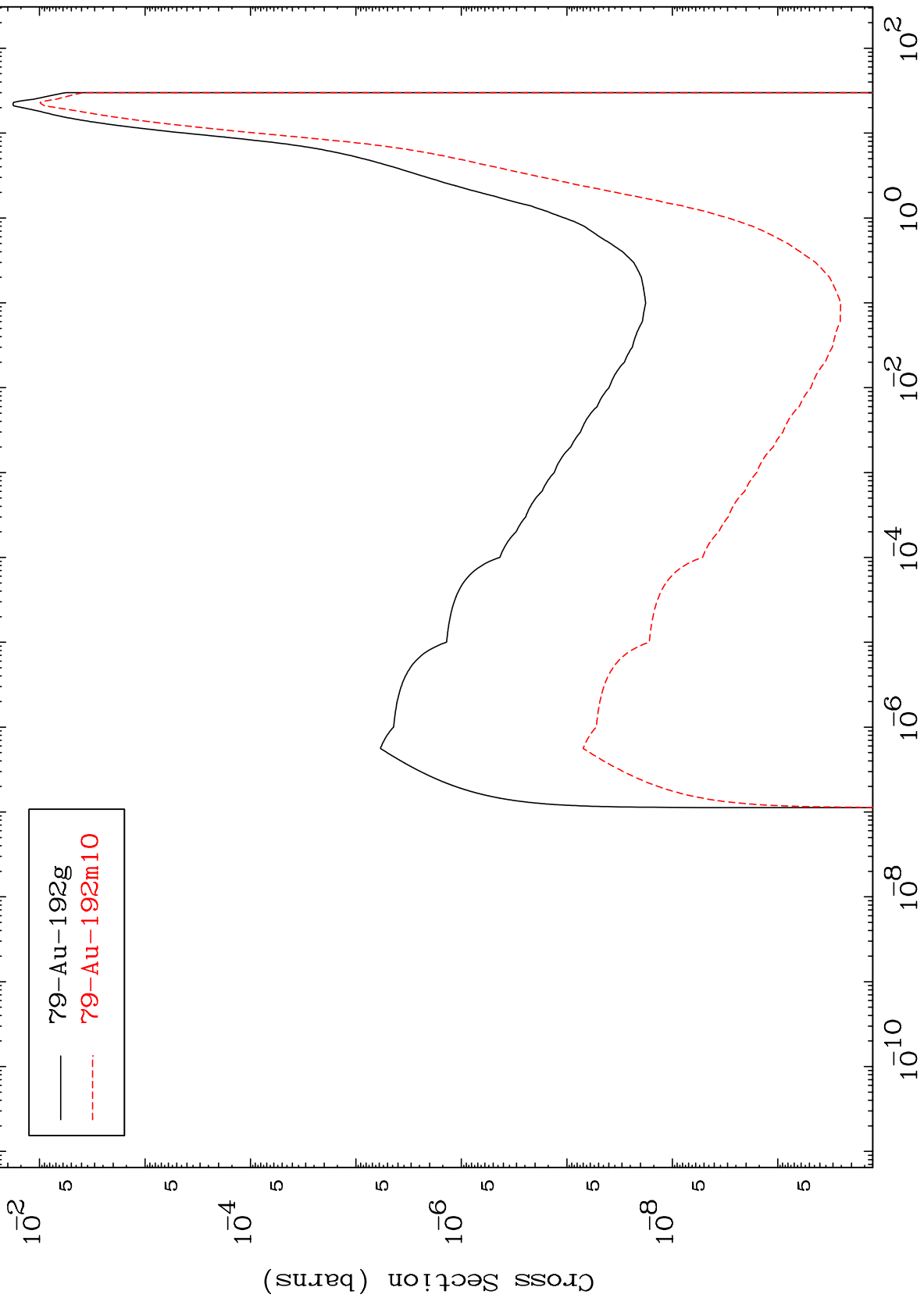
81-Tl-195

MAT 8102

(n, α)

81-Tl-195

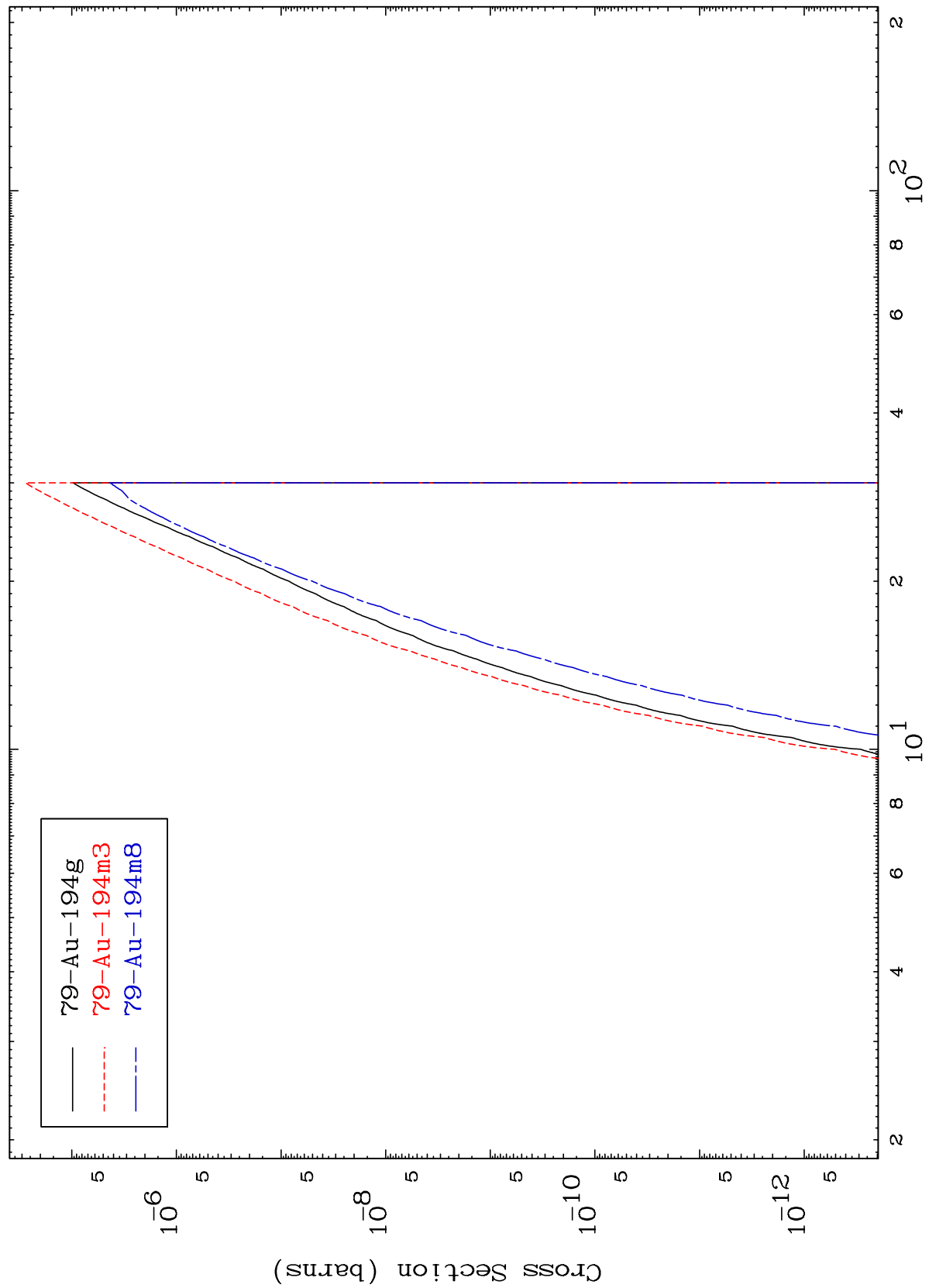
Radionuclide Production Cross Section



MAT 8102

81-Tl-195

(n,2p)
Radionuclide Production Cross Section



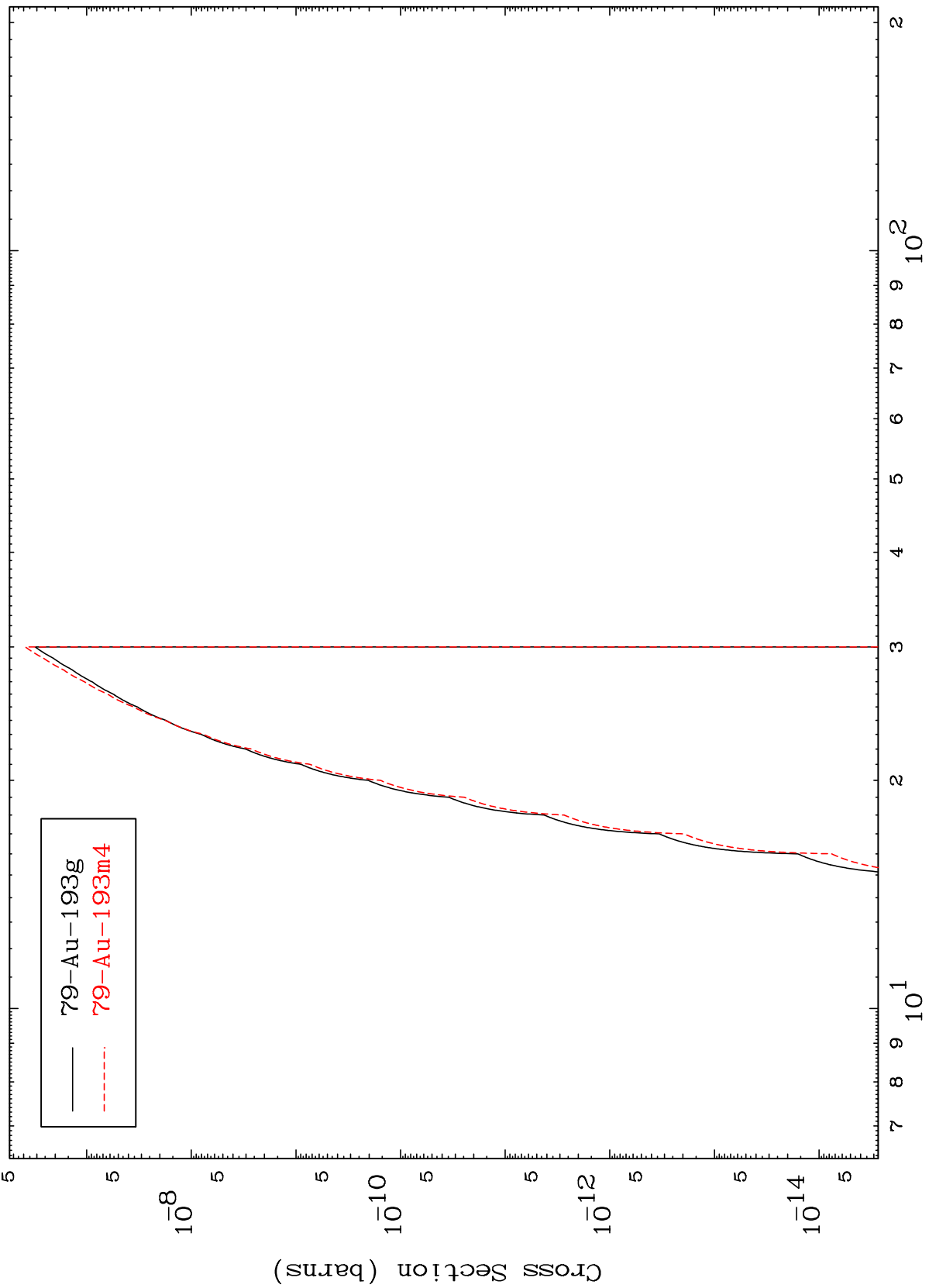
79-Au-194g
79-Au-194m3
79-Au-194m8

81-Tl-195

Incident Energy (MeV)

35

Radionuclide Production Cross Section



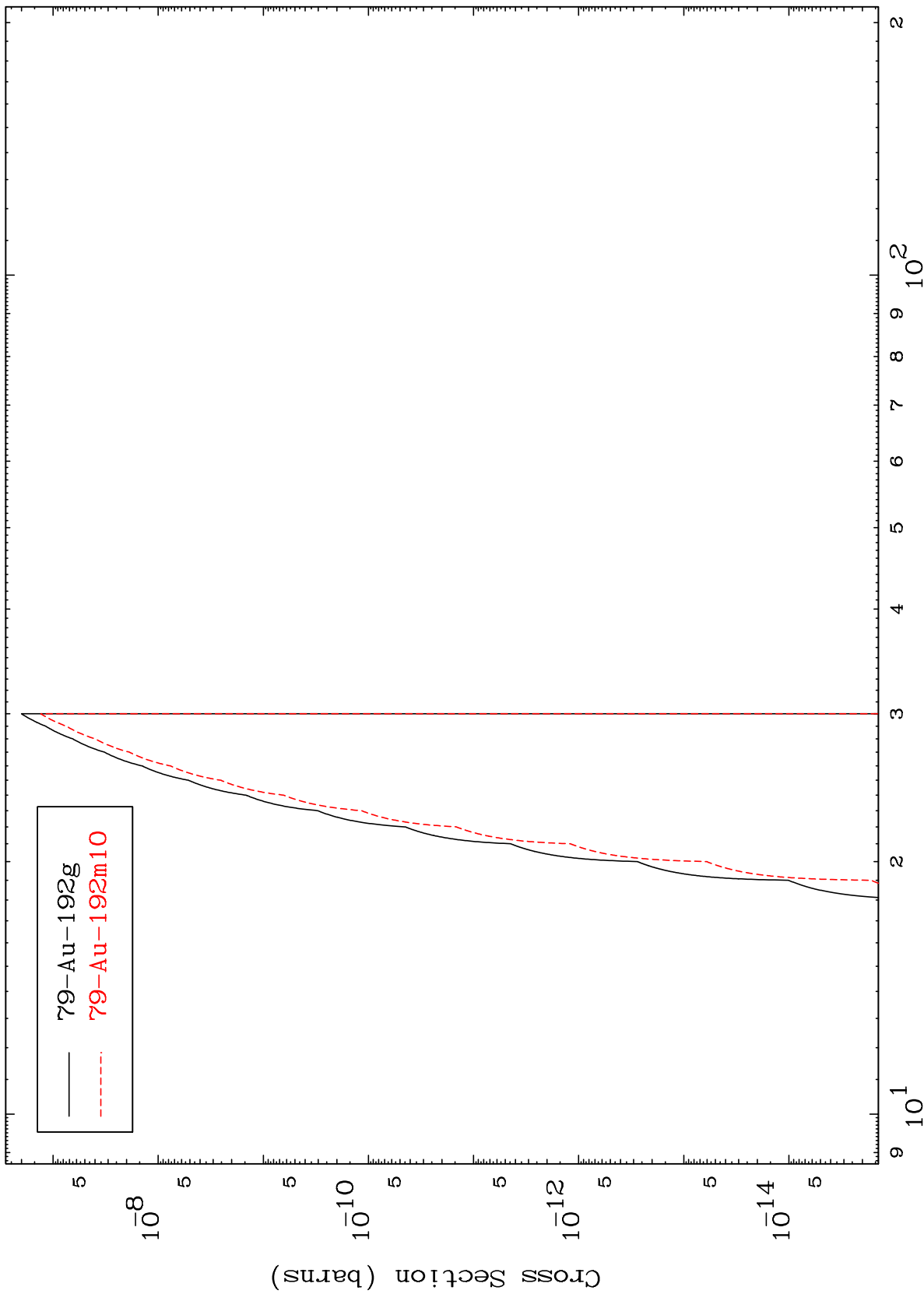
79-Au-193g
79-Au-193m4

MAT 8102

(n,p) t

81-Tl-195

Radionuclide Production Cross Section



79-Au-192g
79-Au-192m10

37

Incident Energy (MeV)

81-Tl-195