

Program EVALPLOT
(Version 2017-1)

by

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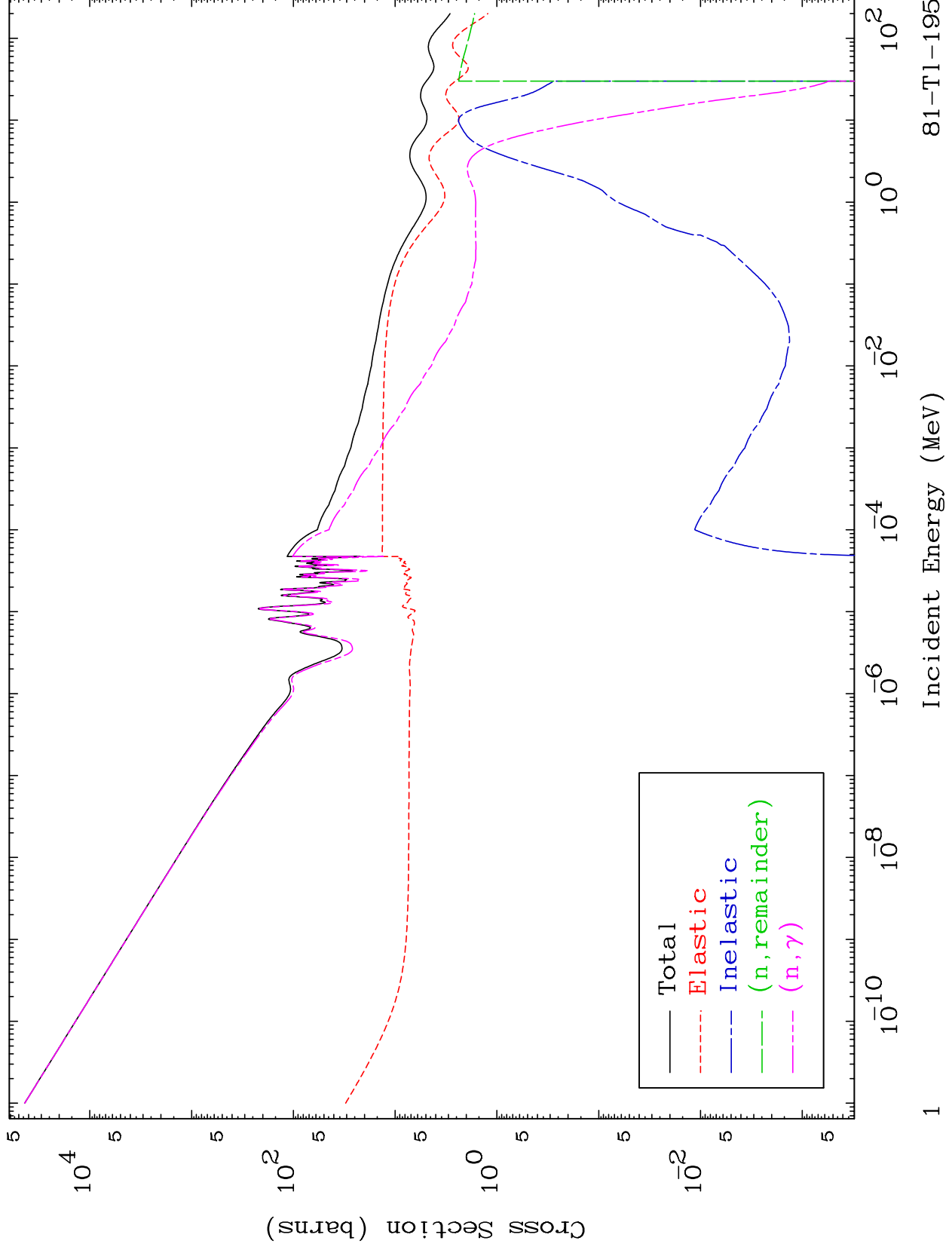
Press Mouse Button to Start

MAT 8102

Major

293 Kelvin Cross Sections

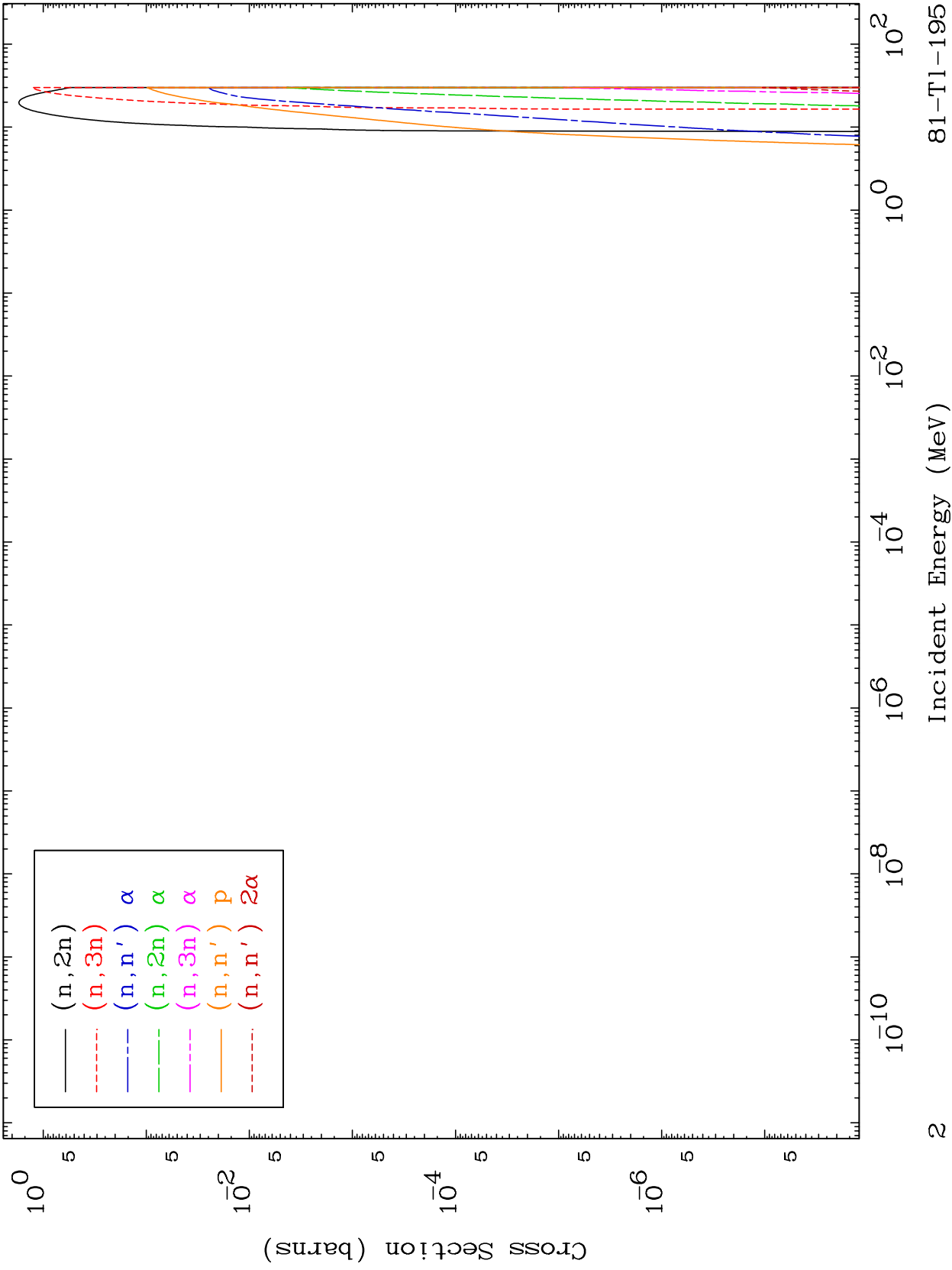
81-Tl-195

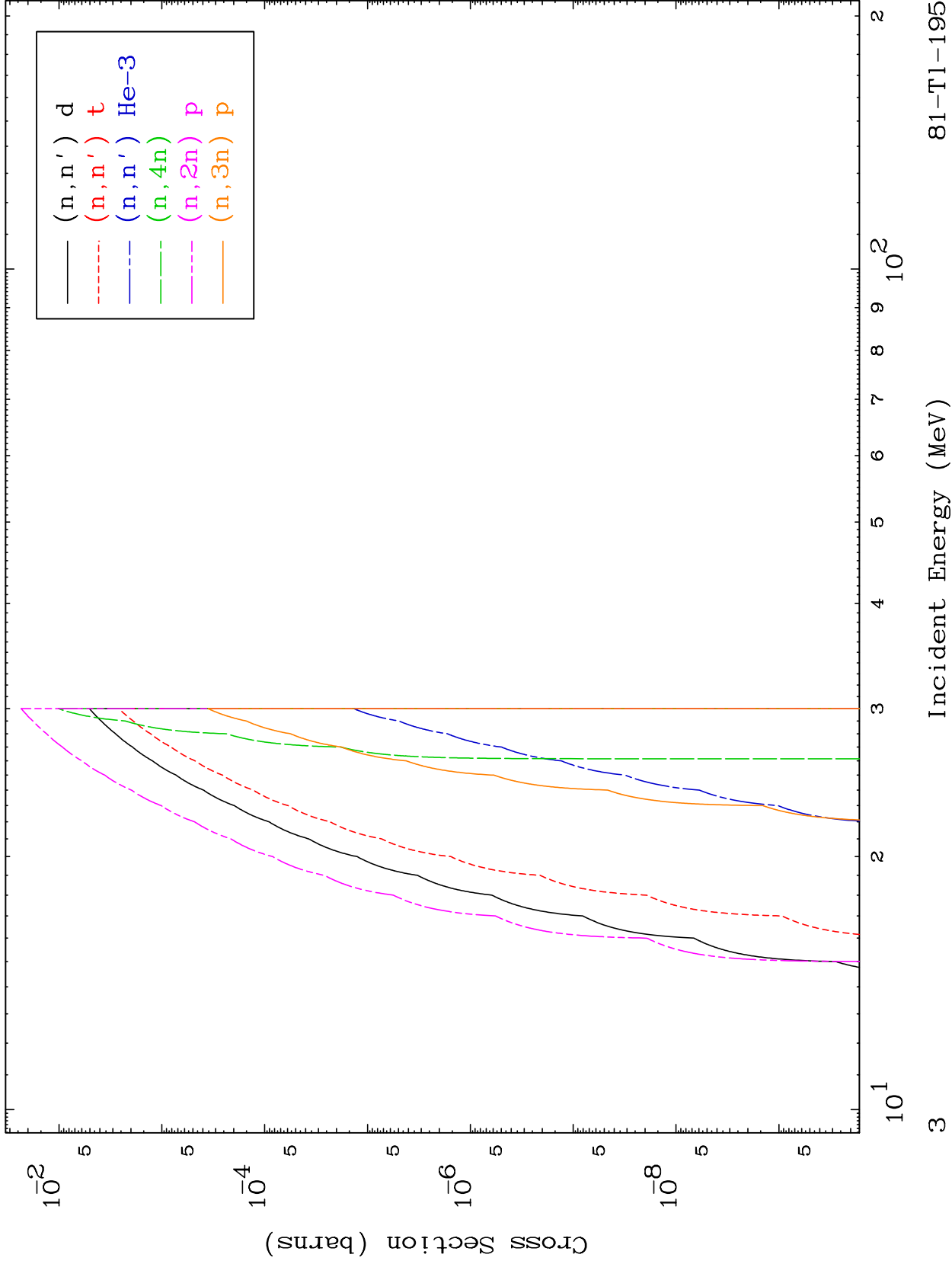


MAT 8102

Neutron Production
293 Kelvin Cross Sections

81-Tl-195

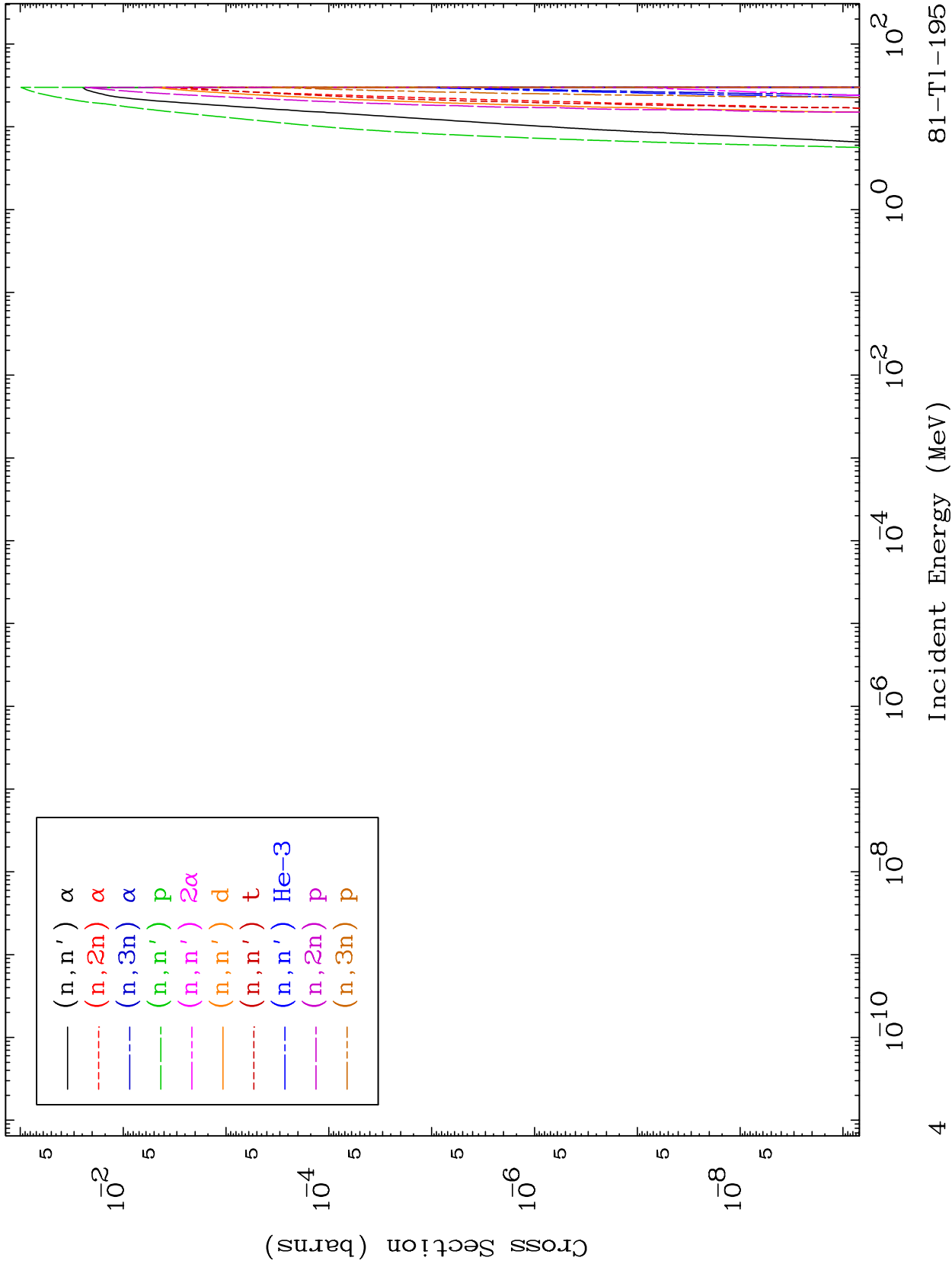




MAT 8102

Charged Particle
293 Kelvin Cross Sections

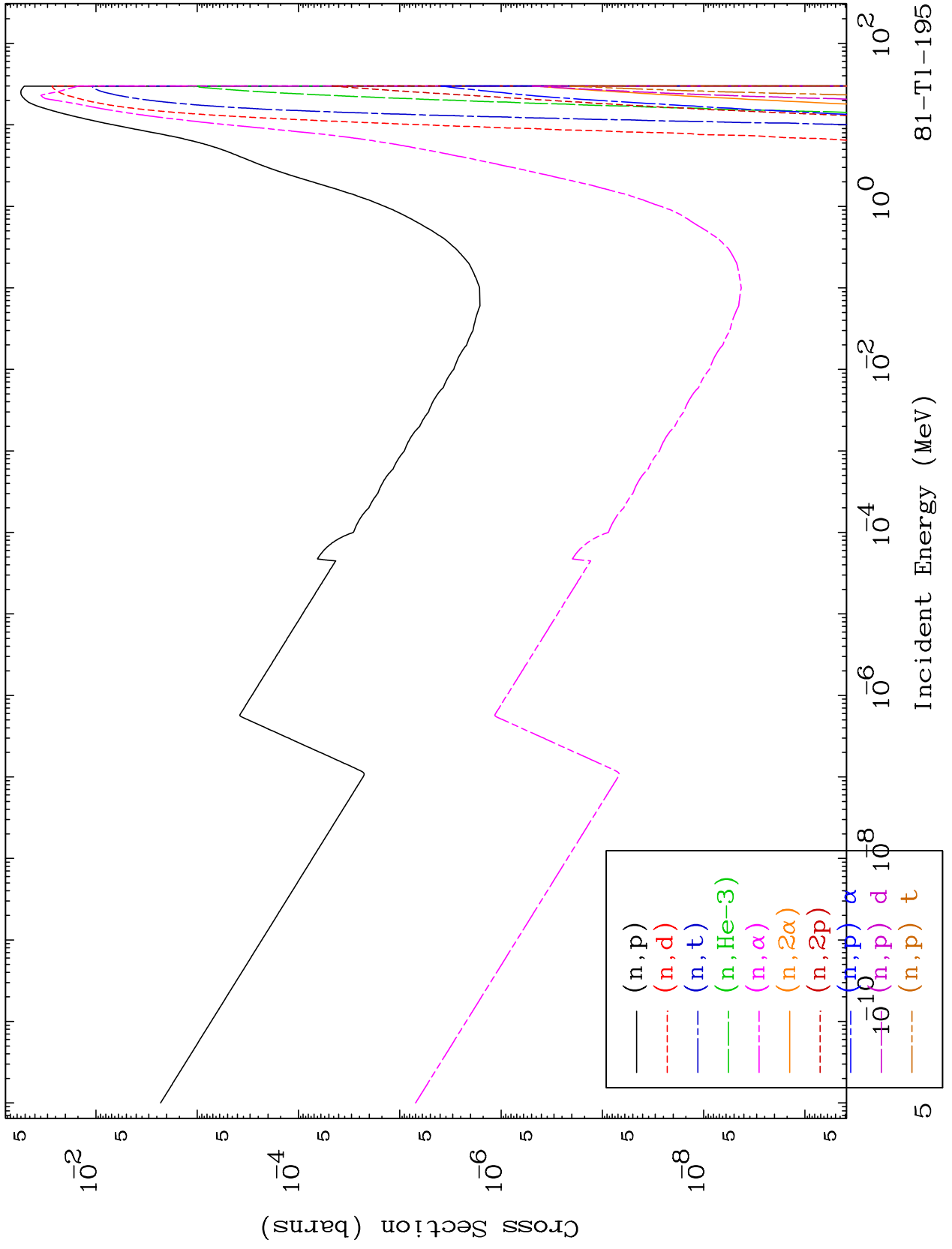
81-Tl-195



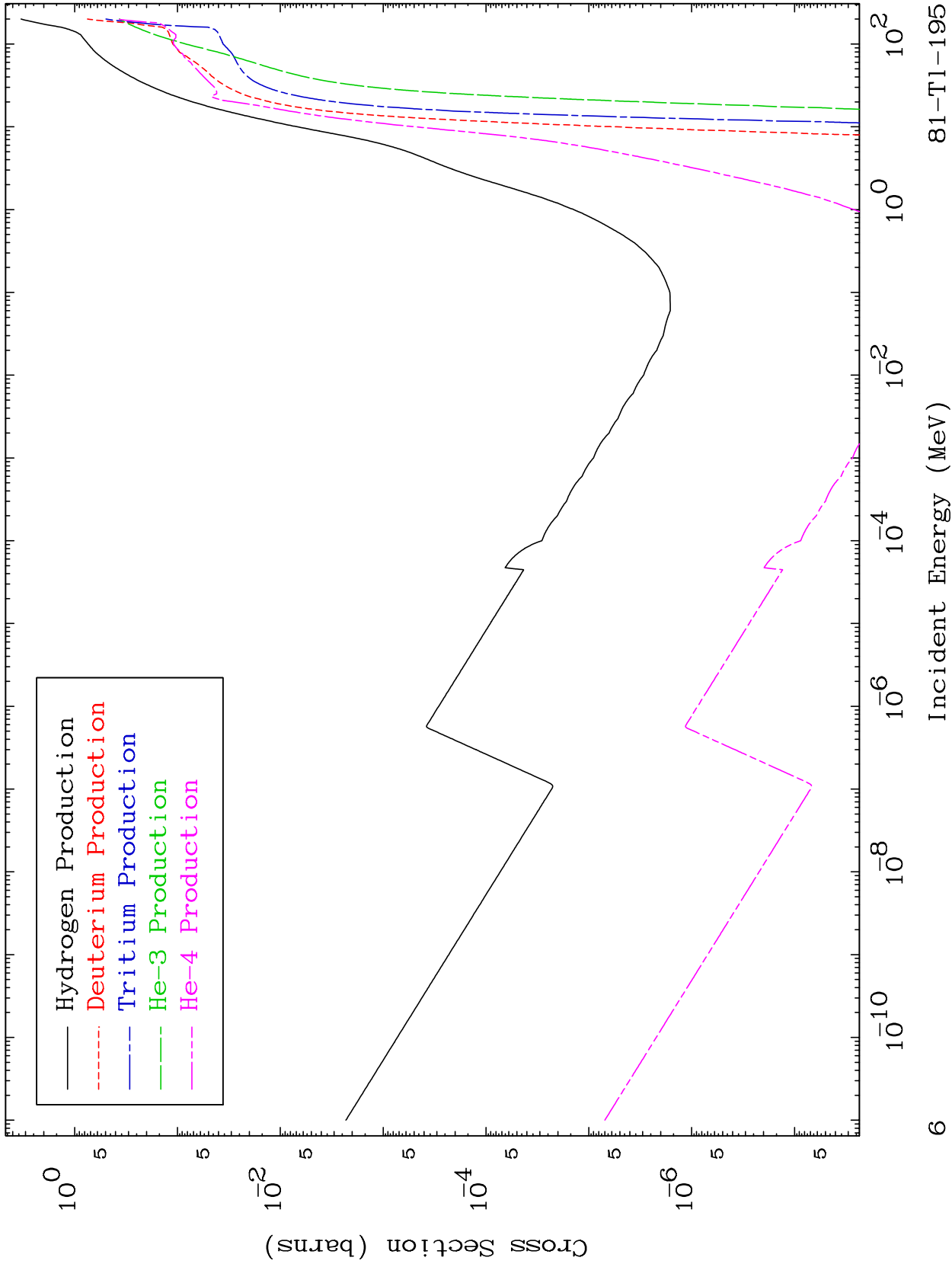
MAT 8102

Charged Particle
293 Kelvin Cross Sections

81-Tl-195



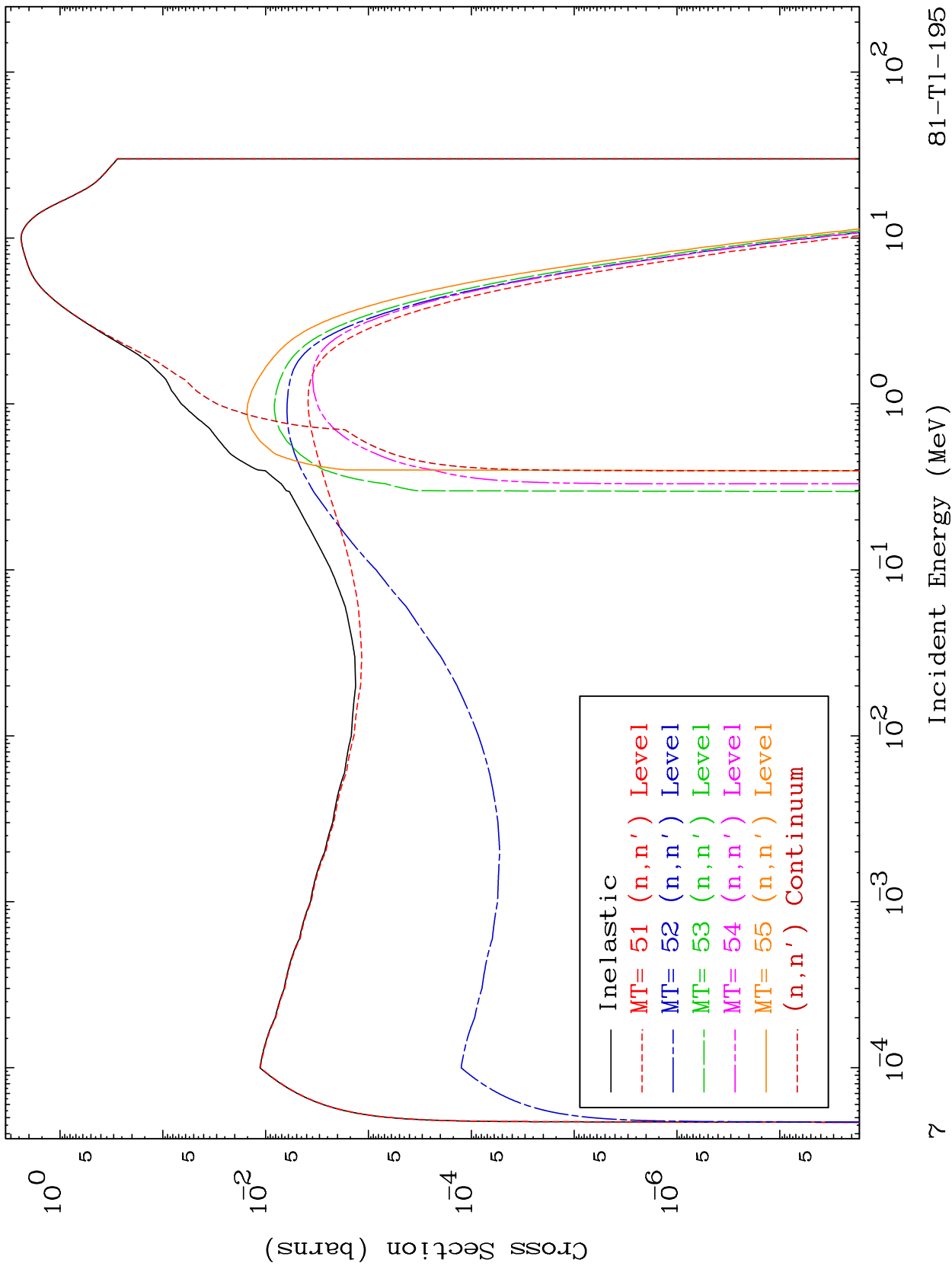
81-Tl-195



MAT 8102

(n,n') Level
293 Kelvin Cross Sections

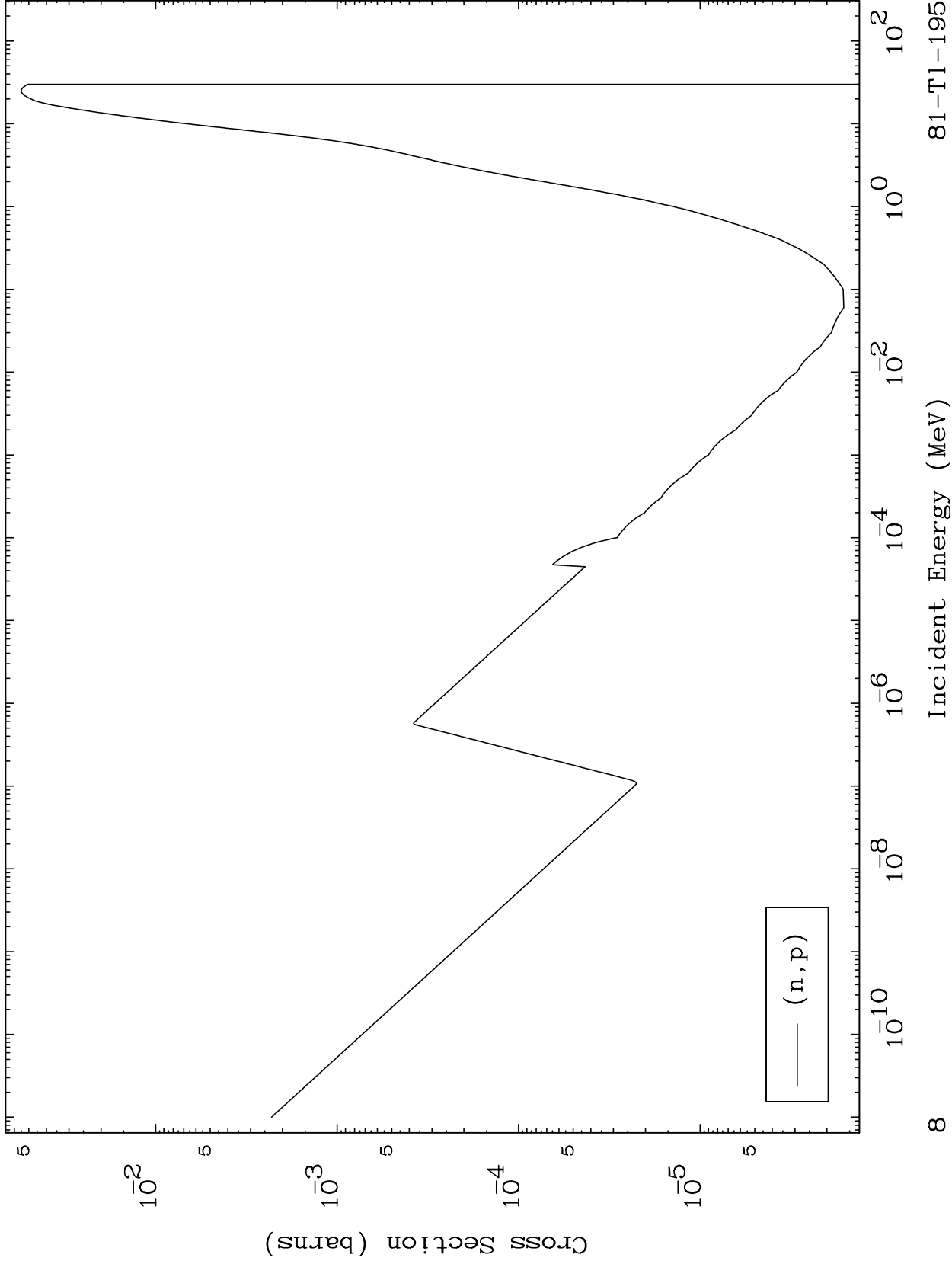
81-T1-195



MAT 8102

(n,p) Levels
293 Kelvin Cross Sections

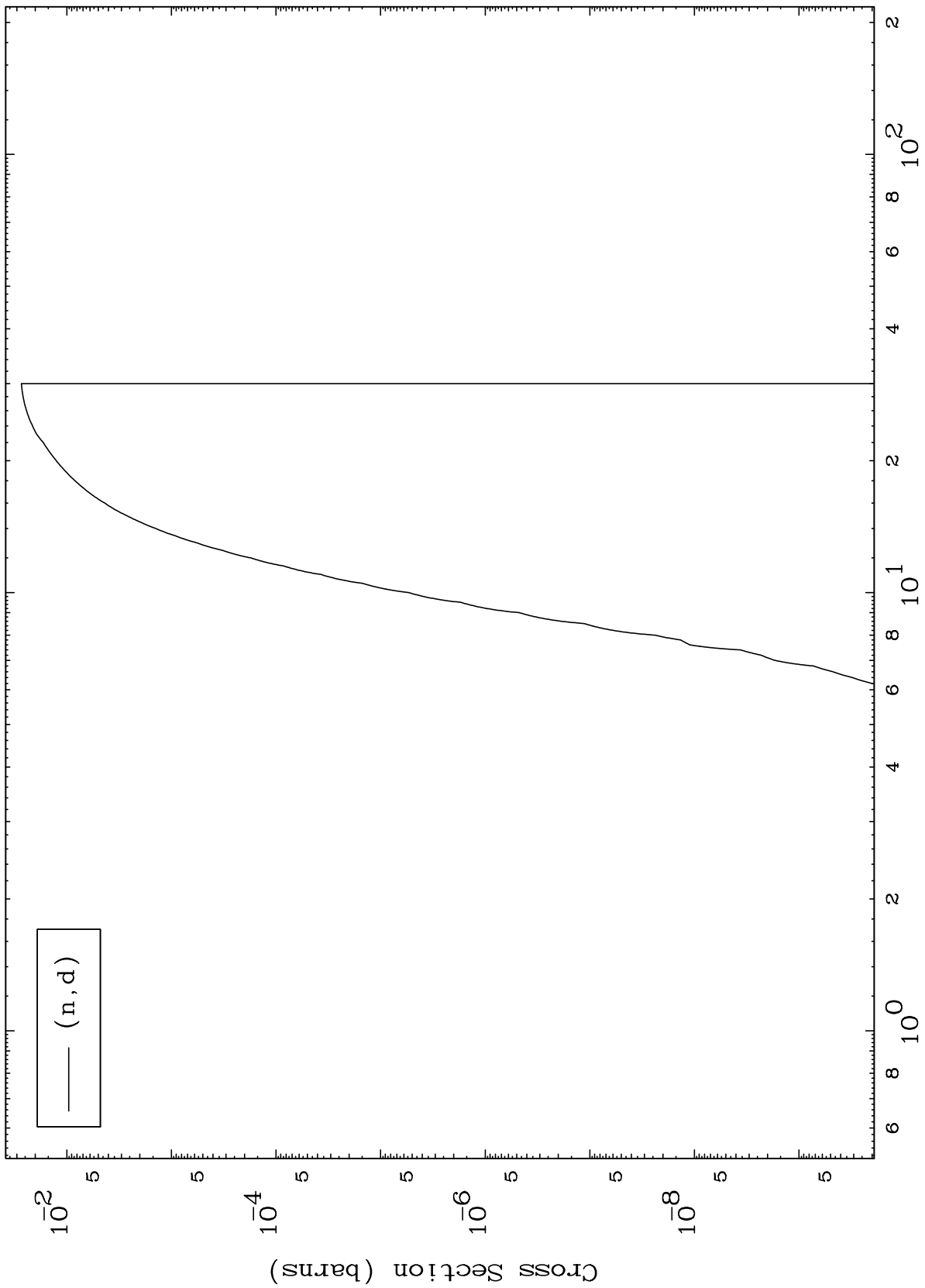
81-Tl-195



MAT 8102

(n,d) Levels
293 Kelvin Cross Sections

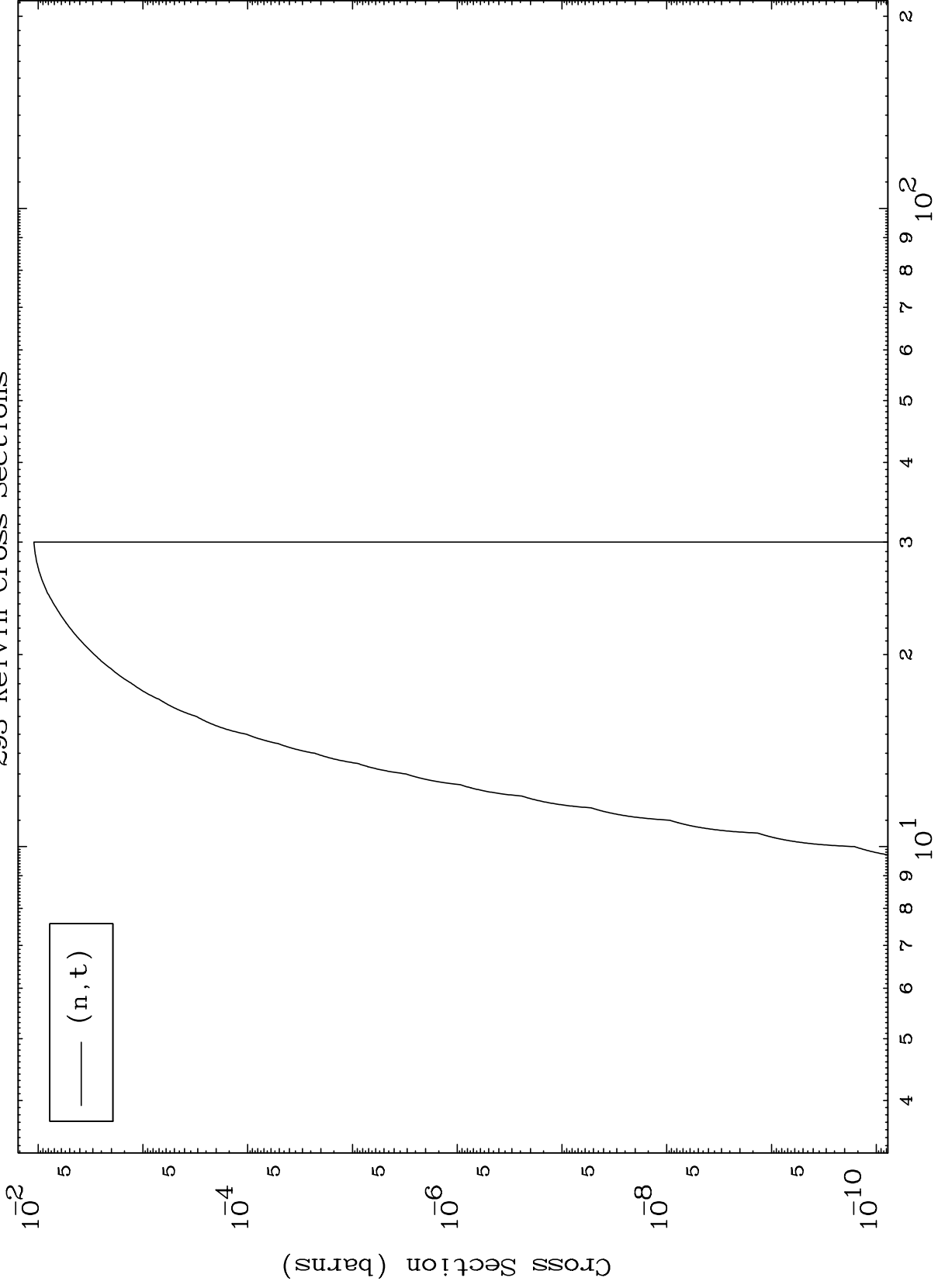
81-Tl-195



MAT 8102

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-195



10

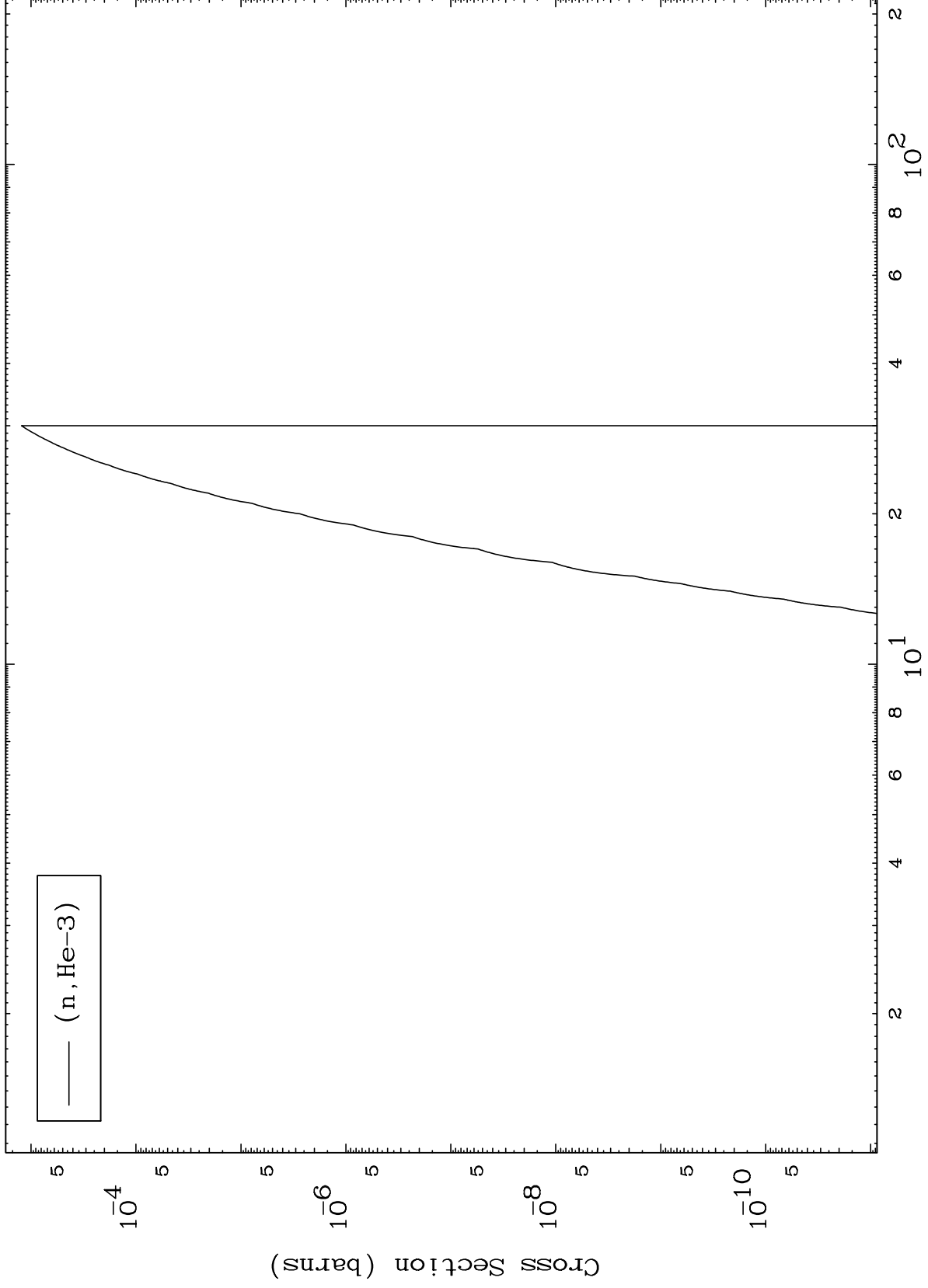
Incident Energy (MeV)

81-Tl-195

MAT 8102

(n,He3) Levels
293 Kelvin Cross Sections

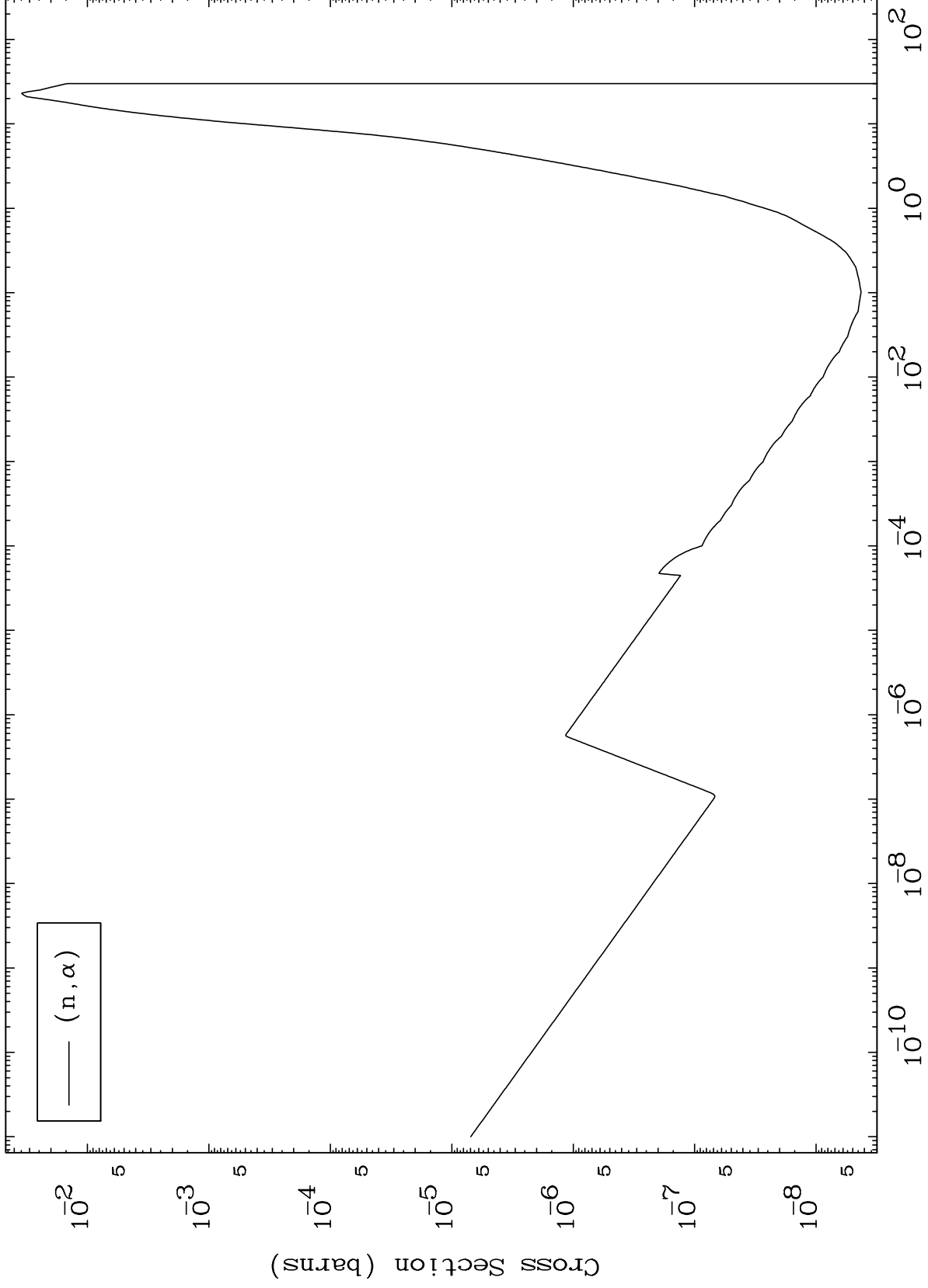
81-T1-195

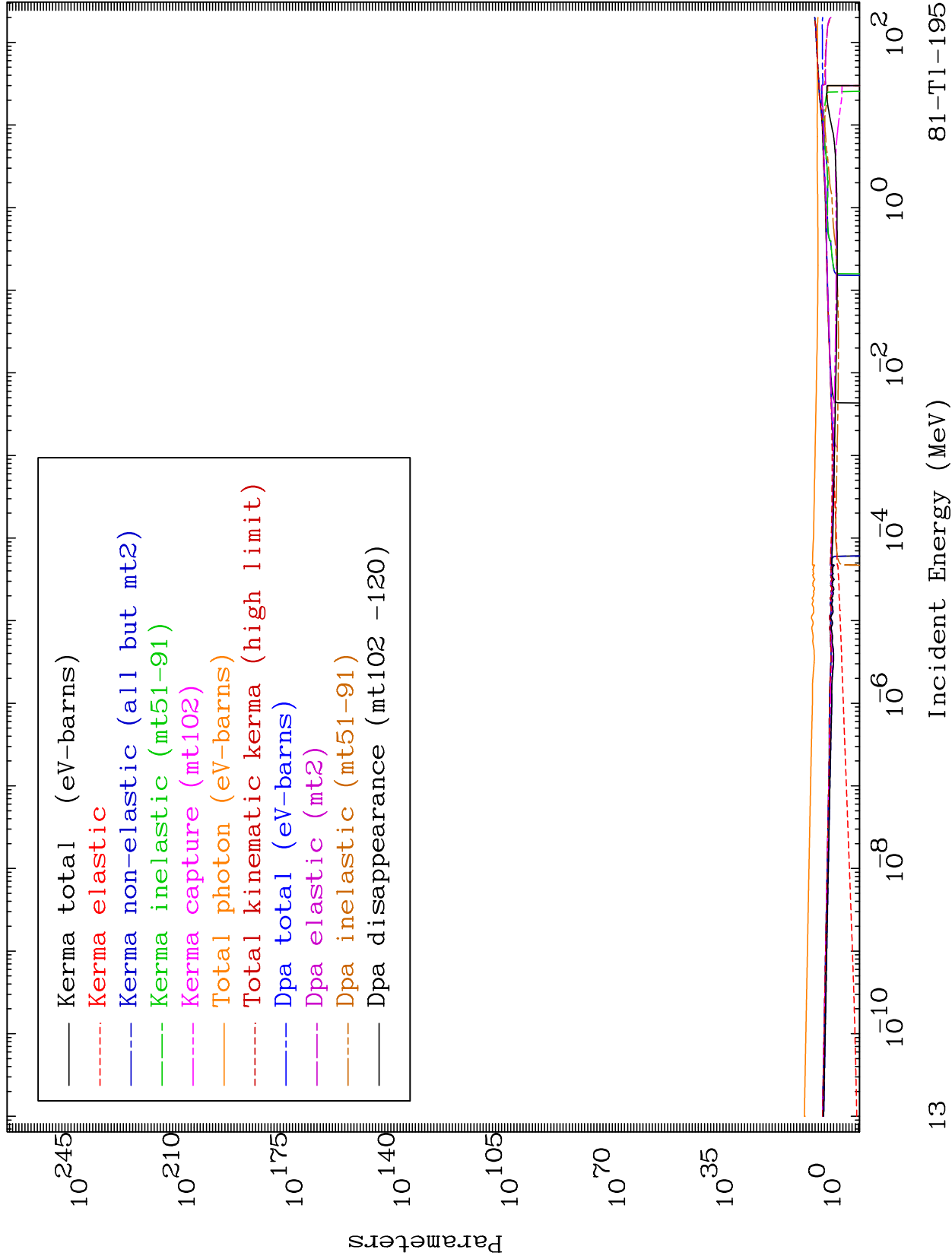


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(n, α) Levels
293 Kelvin Cross Sections

81-Tl-195

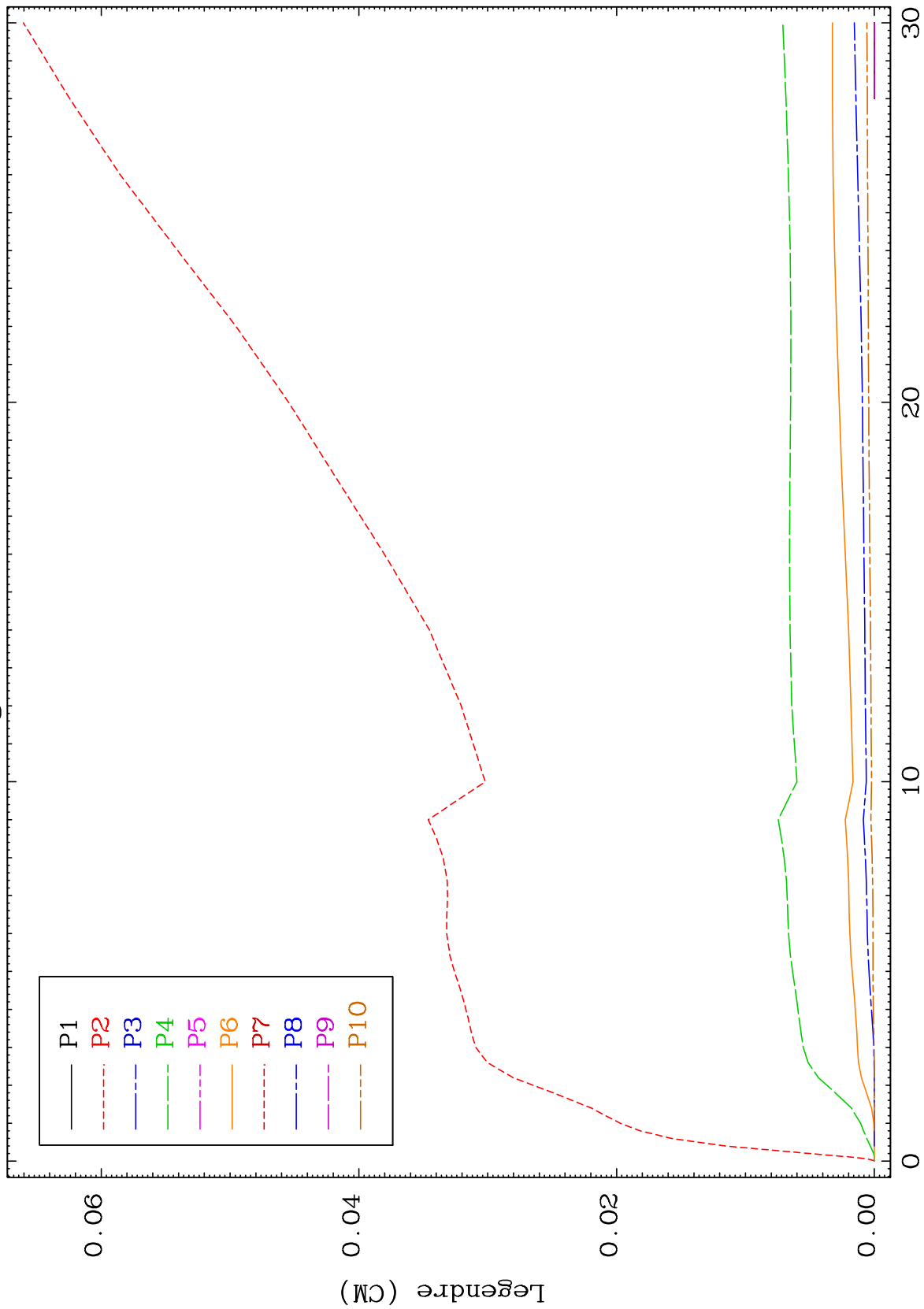




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Elastic Legendre Coefficients

81-T1-195



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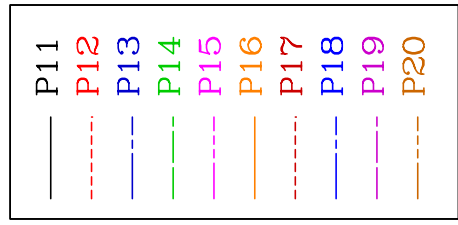
Incident Energy (MeV)

81-T1-195

MAT 8102

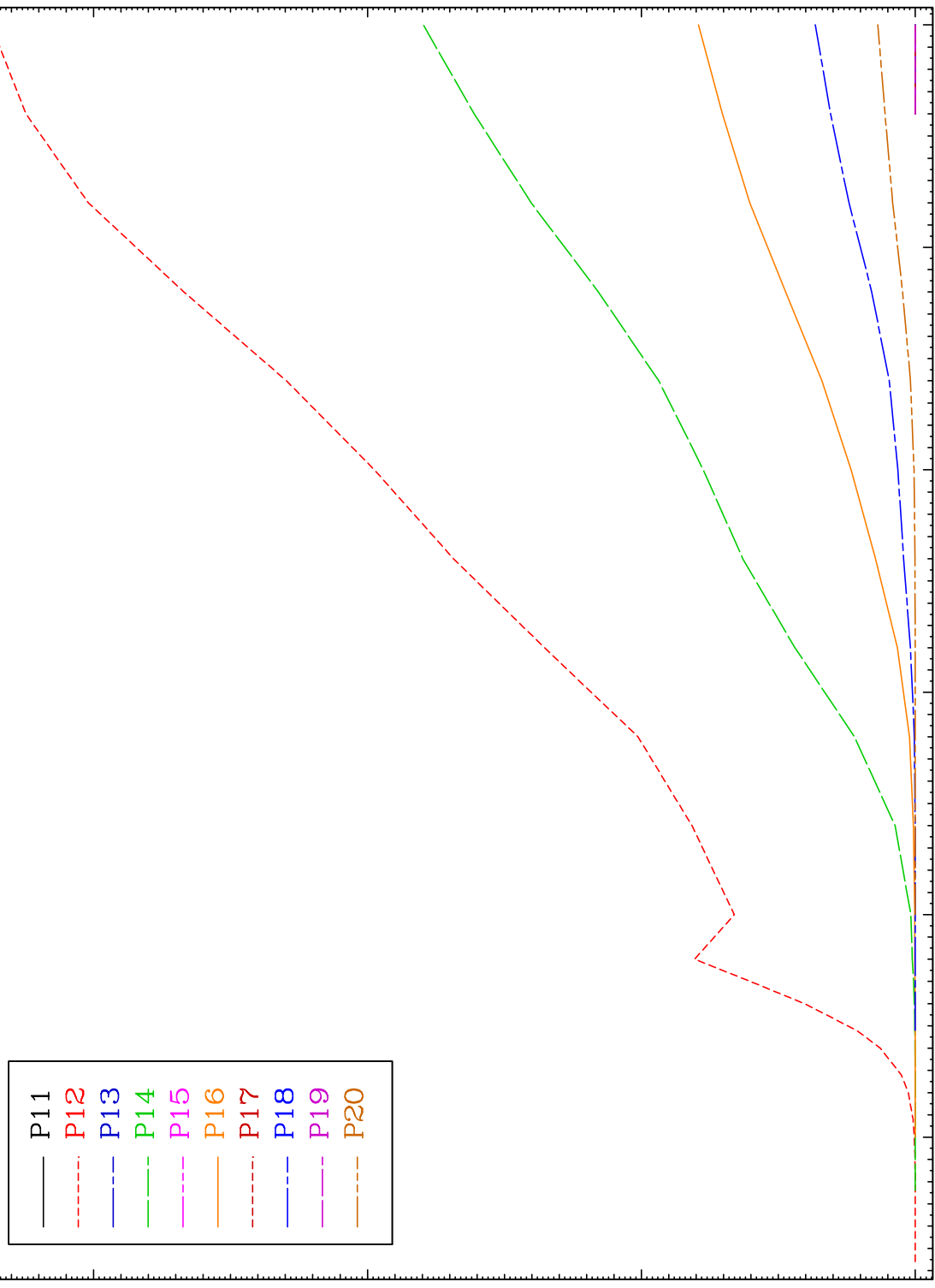
Elastic
Legendre Coefficients

81-T1-195



$\times 10^{-4}$

Legendre (CM)



15

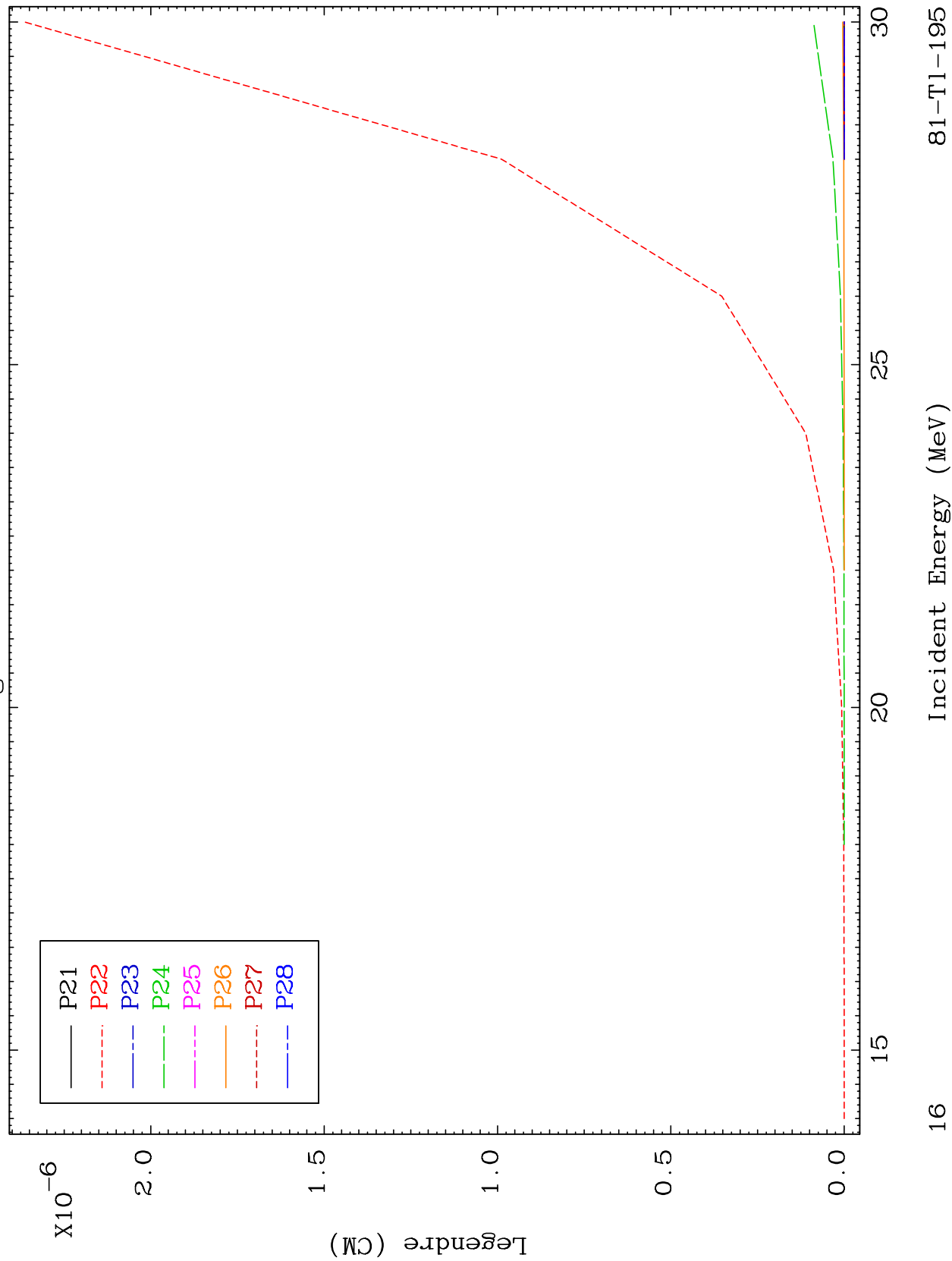
Incident Energy (MeV)

81-T1-195

MAT 8102

Elastic
Legendre Coefficients

81-T1-195



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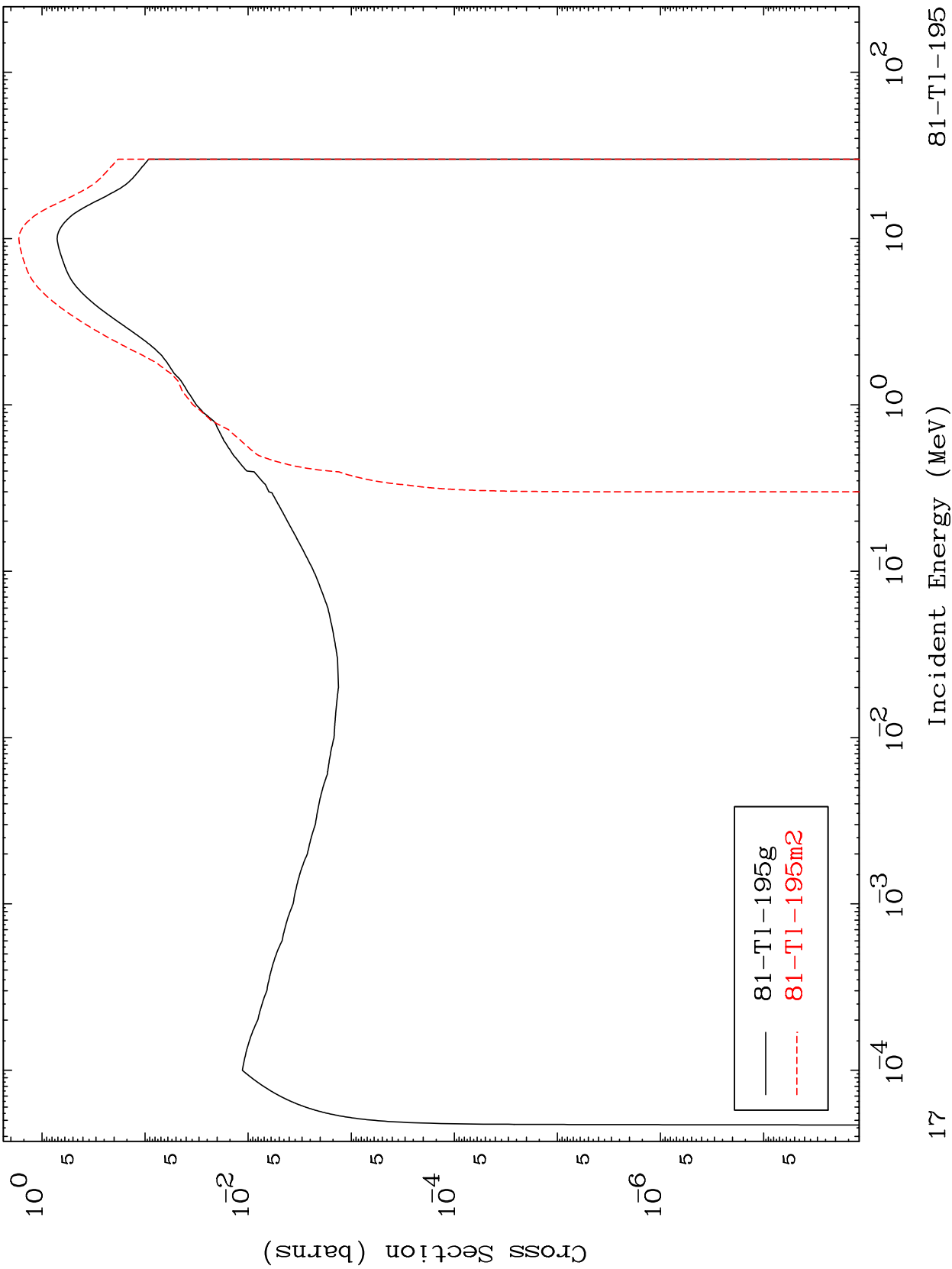
Incident Energy (MeV)

81-T1-195

MAT 8102

81-Tl-195

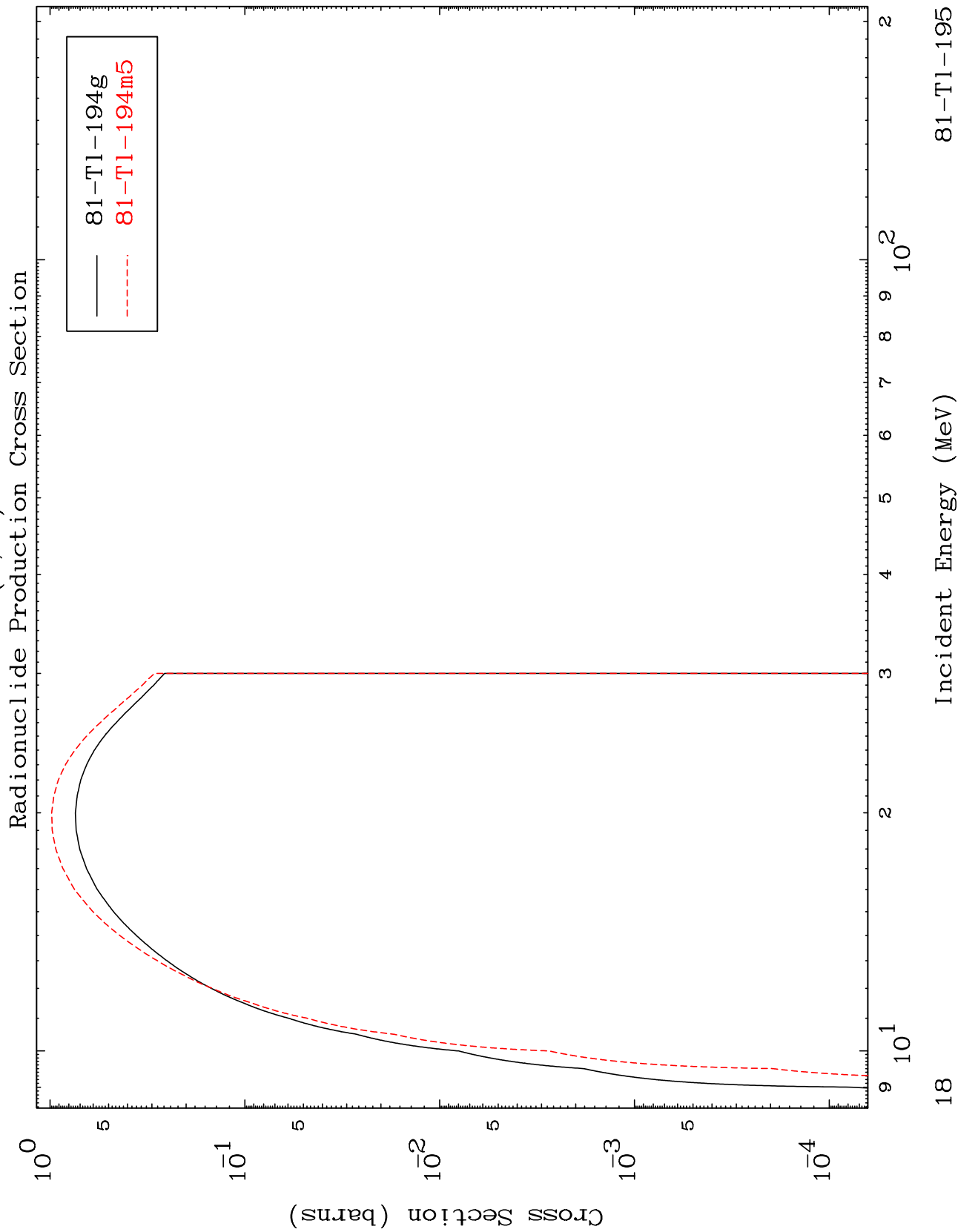
Inelastic
Radionuclide Production Cross Section



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81-Tl-195

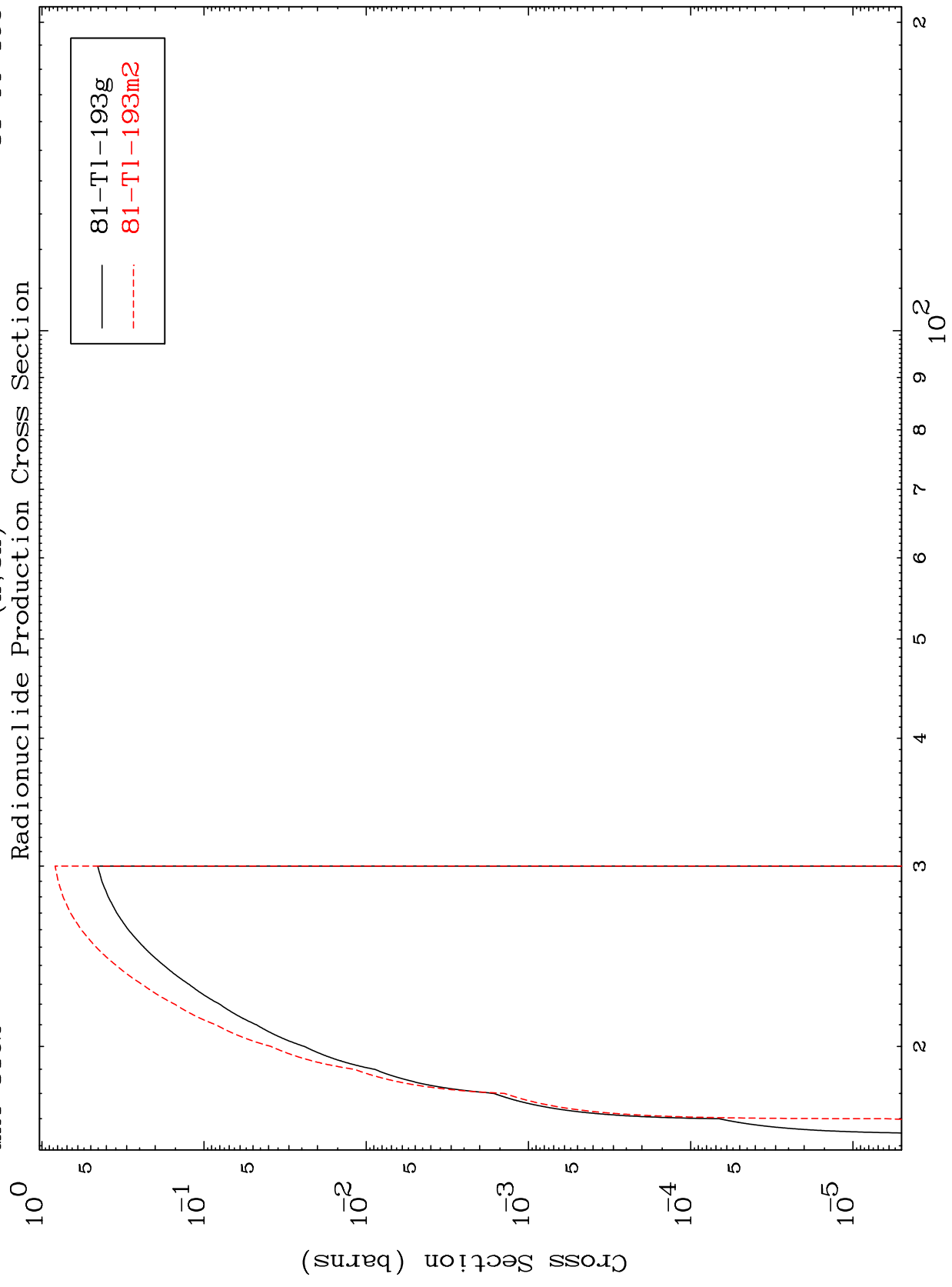
(n,2n)



81-Tl-195

Incident Energy (MeV)

(n,3n)
Radionuclide Production Cross Section

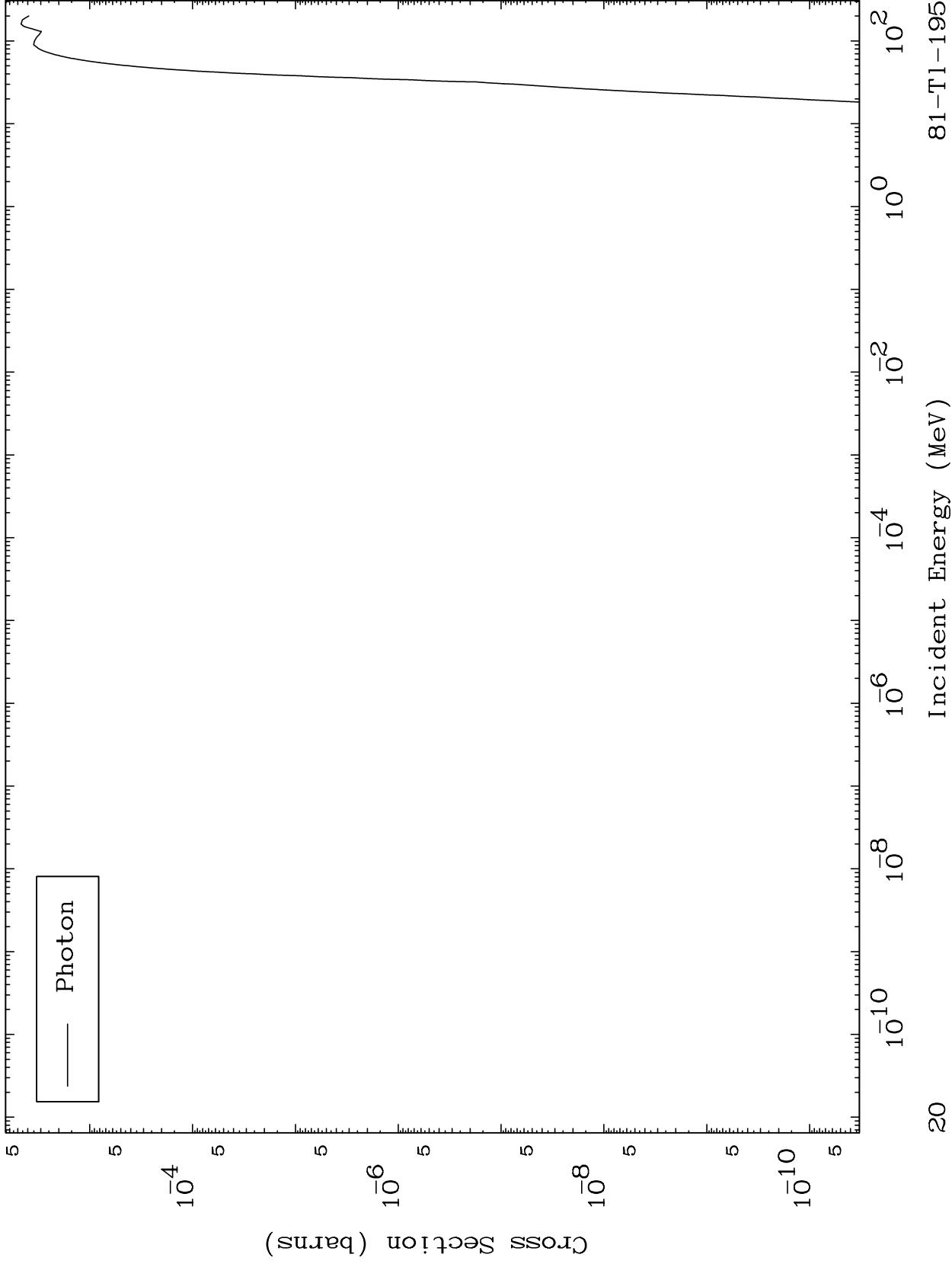


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Fission

81-Tl-195

Radionuclide Production Cross Section

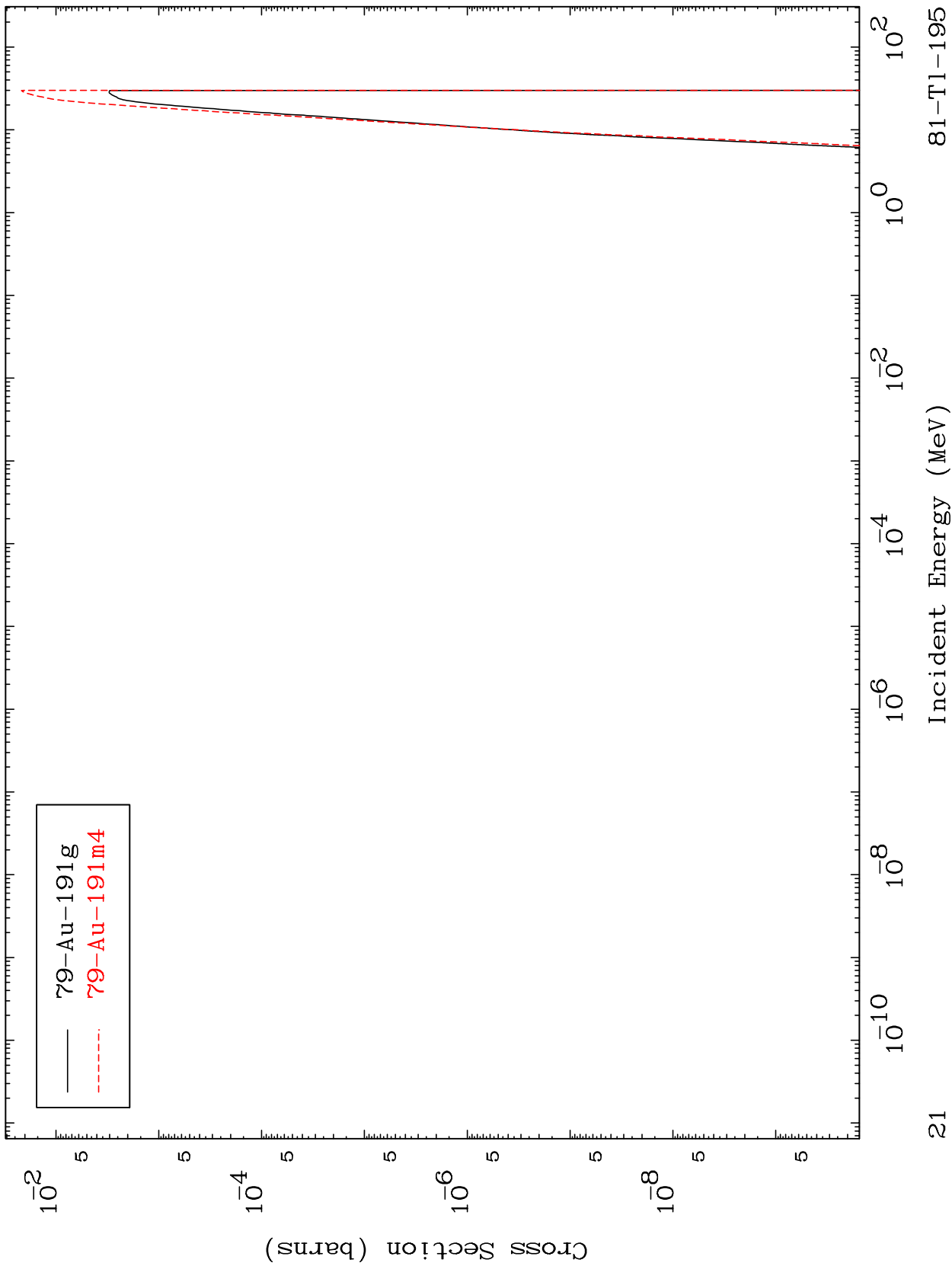


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$(n, n') \alpha$

81-Tl-195

Radionuclide Production Cross Section

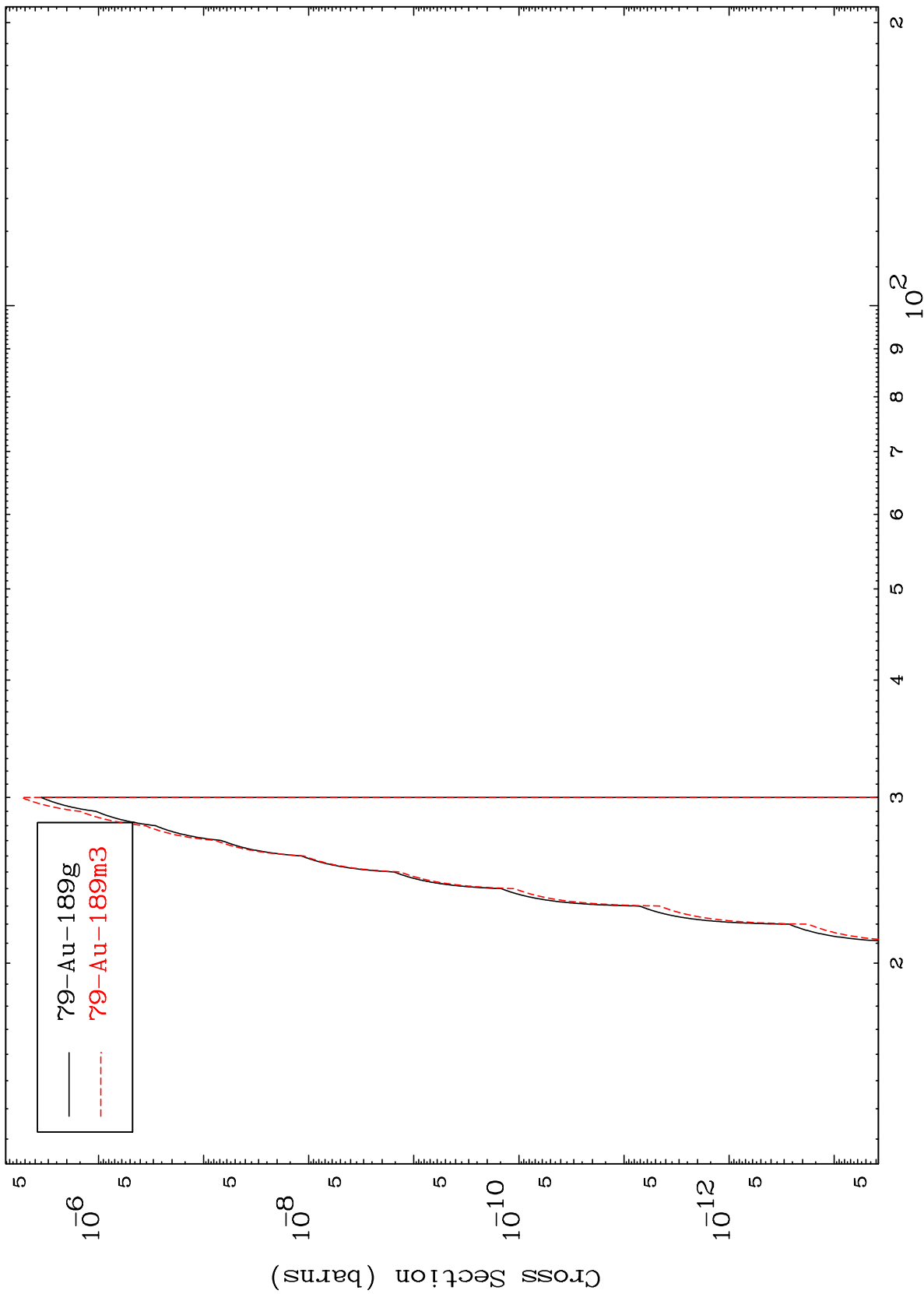


MAT 8102

(n,3n) α

81-Tl-195

Radionuclide Production Cross Section

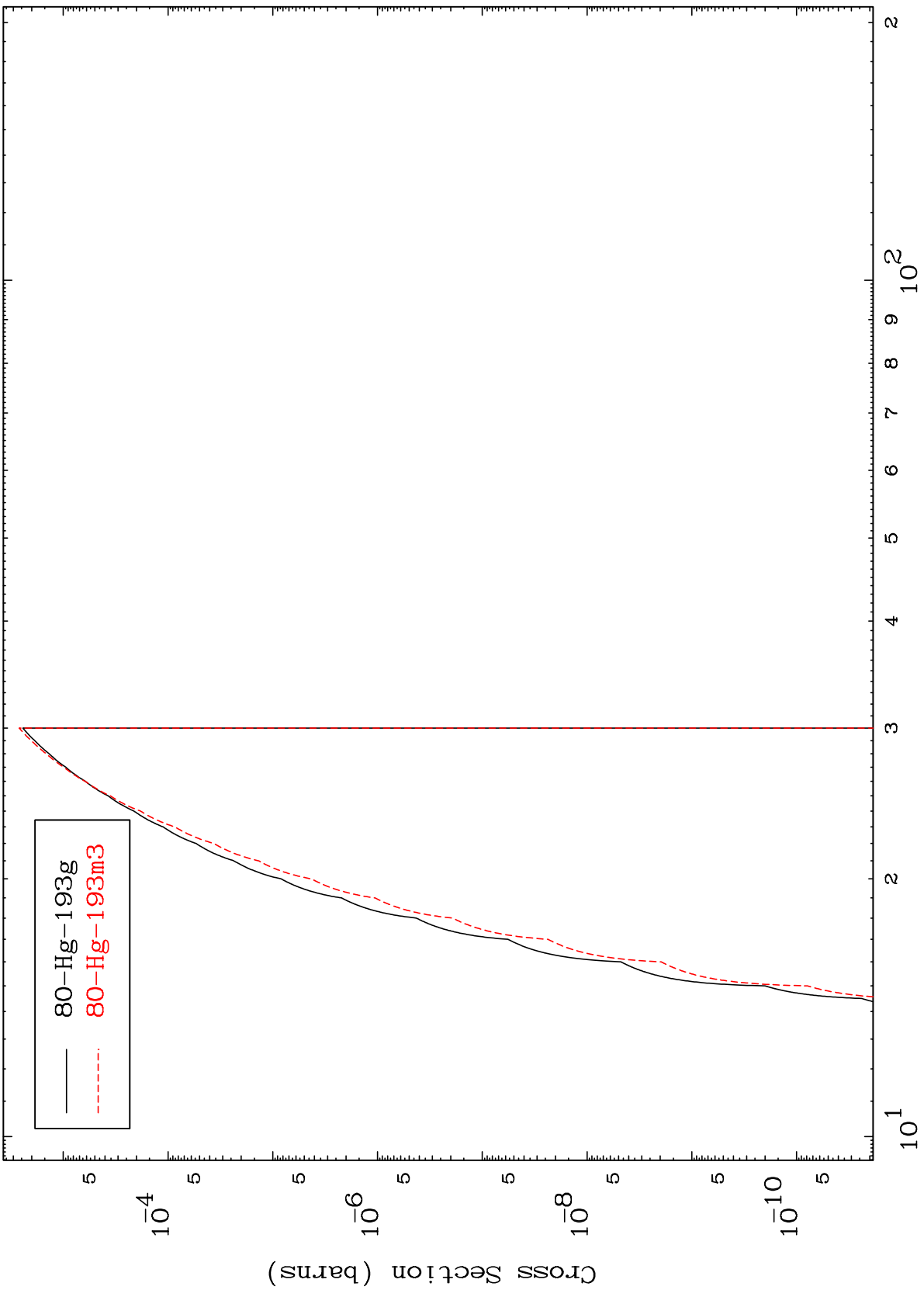


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(n,n') d

81-Tl-195

Radionuclide Production Cross Section



23

Incident Energy (MeV)

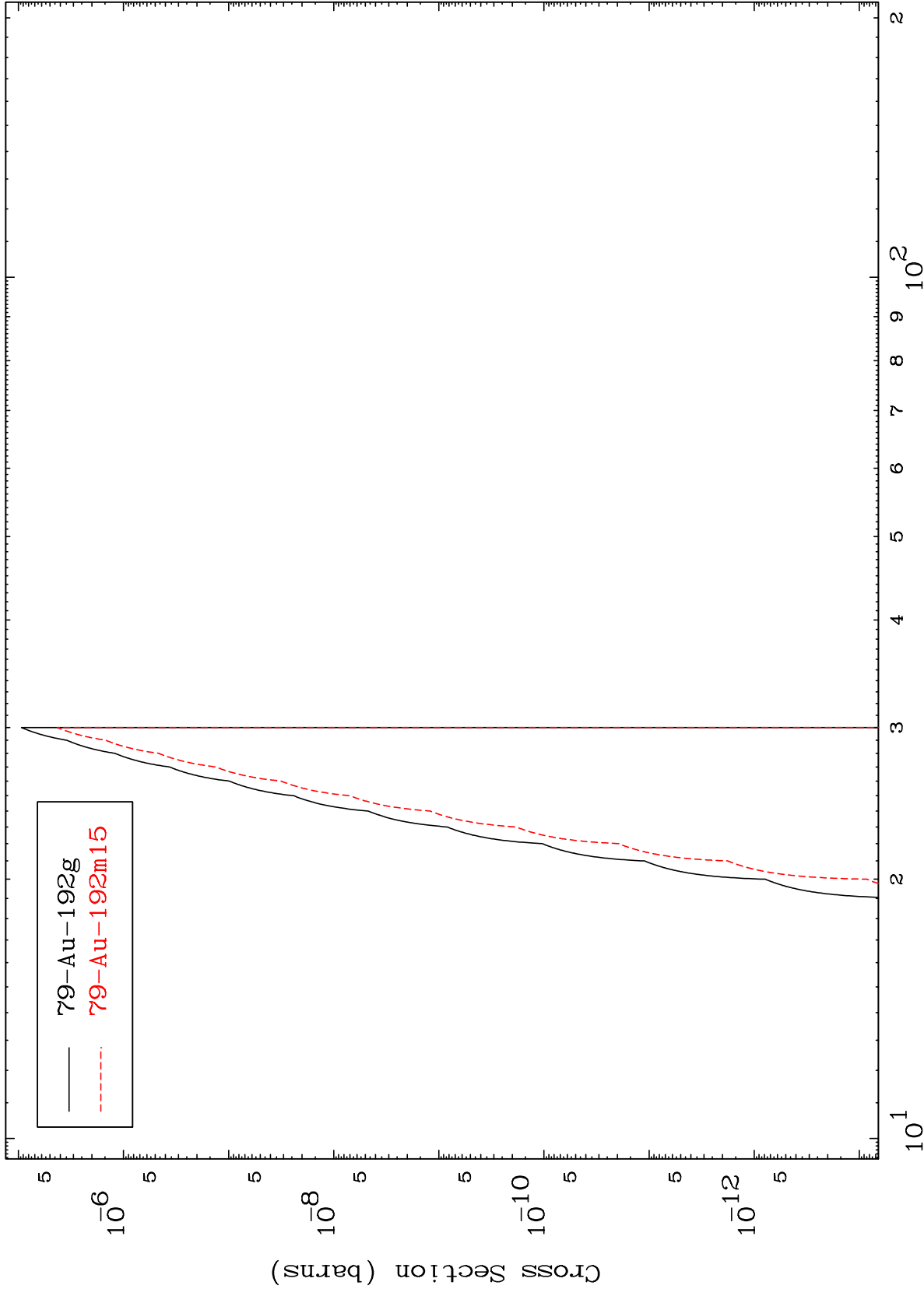
81-Tl-195

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(n,n') He-3

81-Tl-195

Radionuclide Production Cross Section



Incident Energy (MeV)

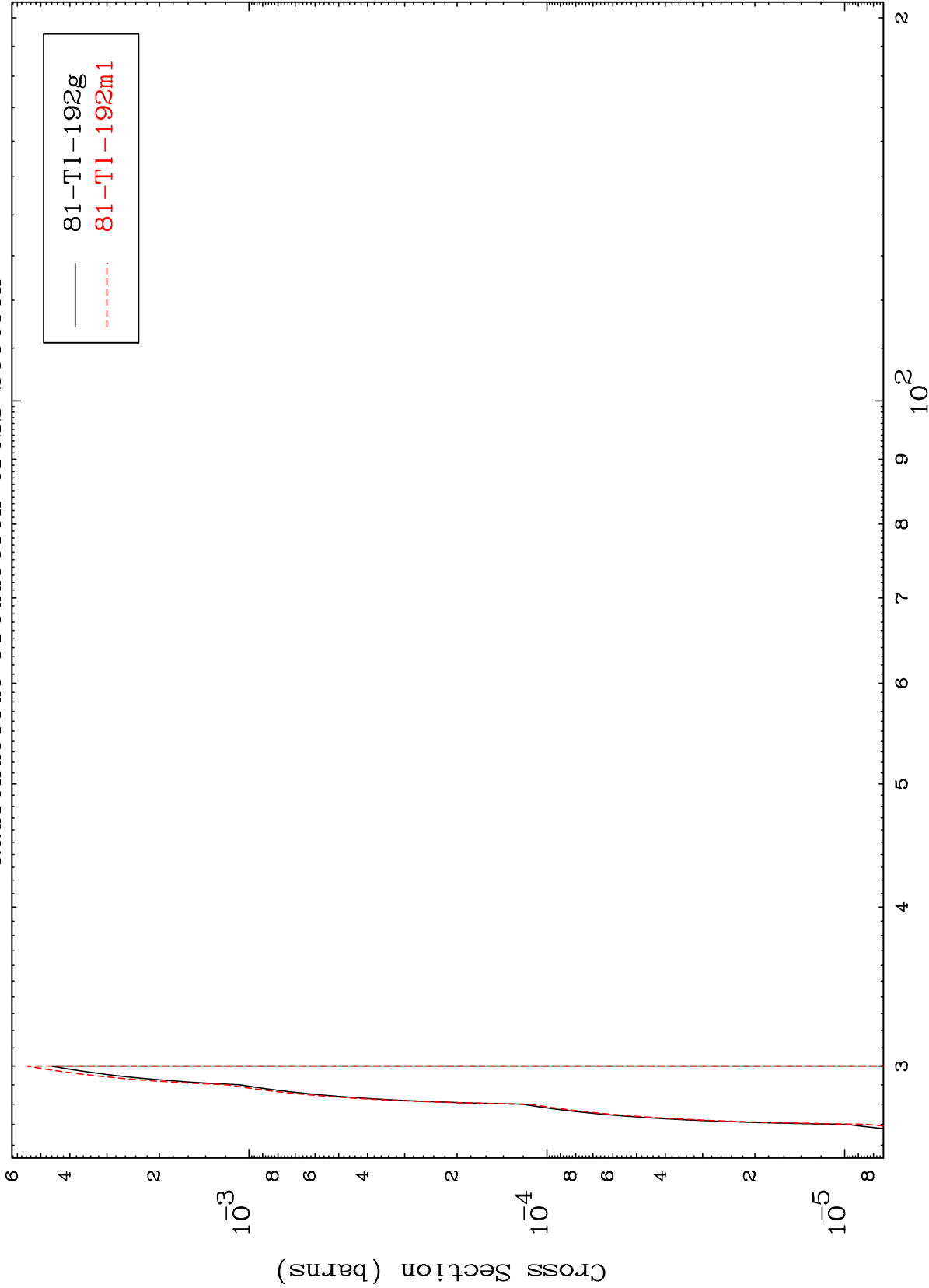
81-Tl-195

24

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81-Tl-195

(n,4n)
Radionuclide Production Cross Section

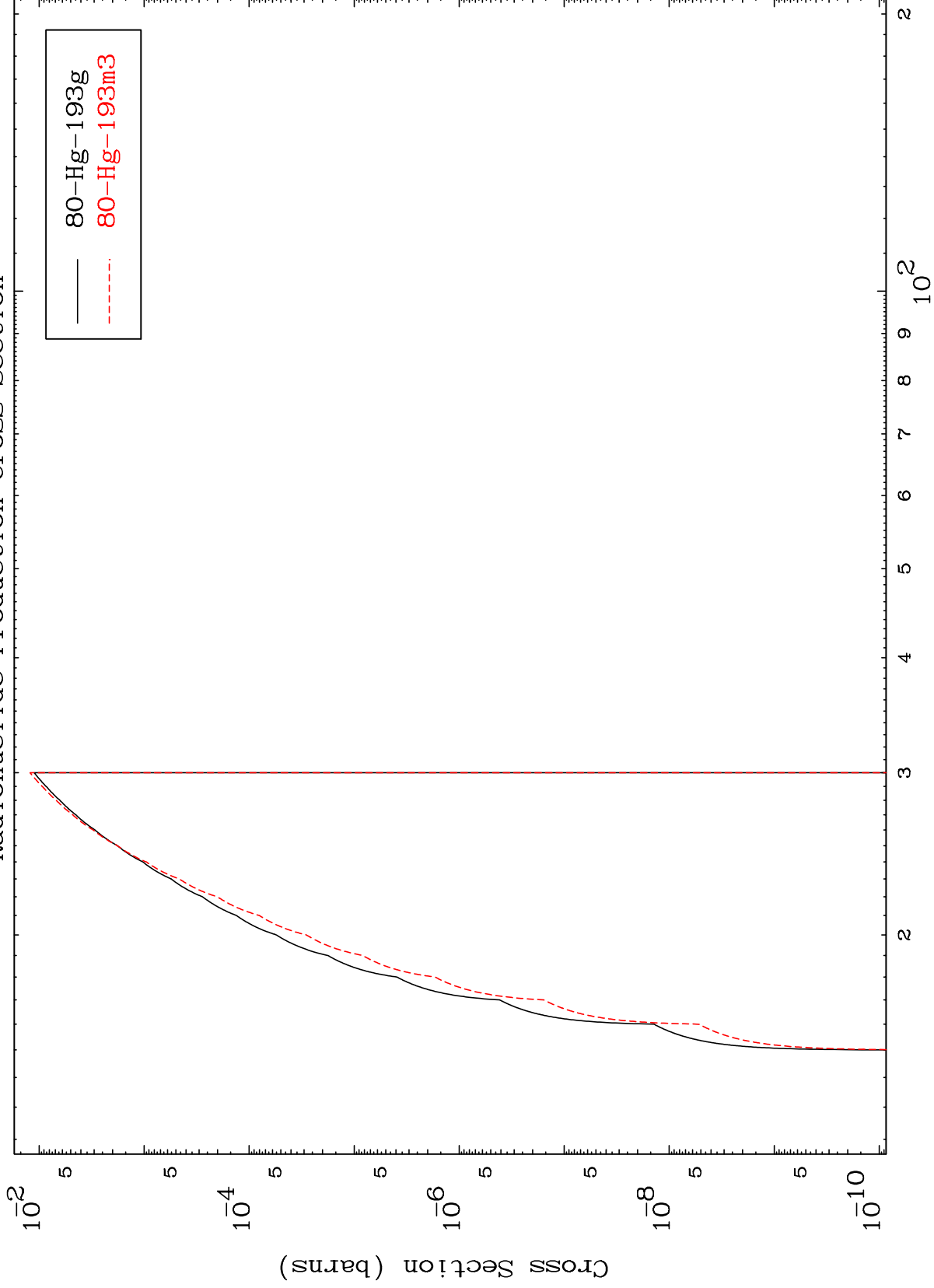


81-Tl-195

Incident Energy (MeV)

25

Radionuclide Production Cross Section

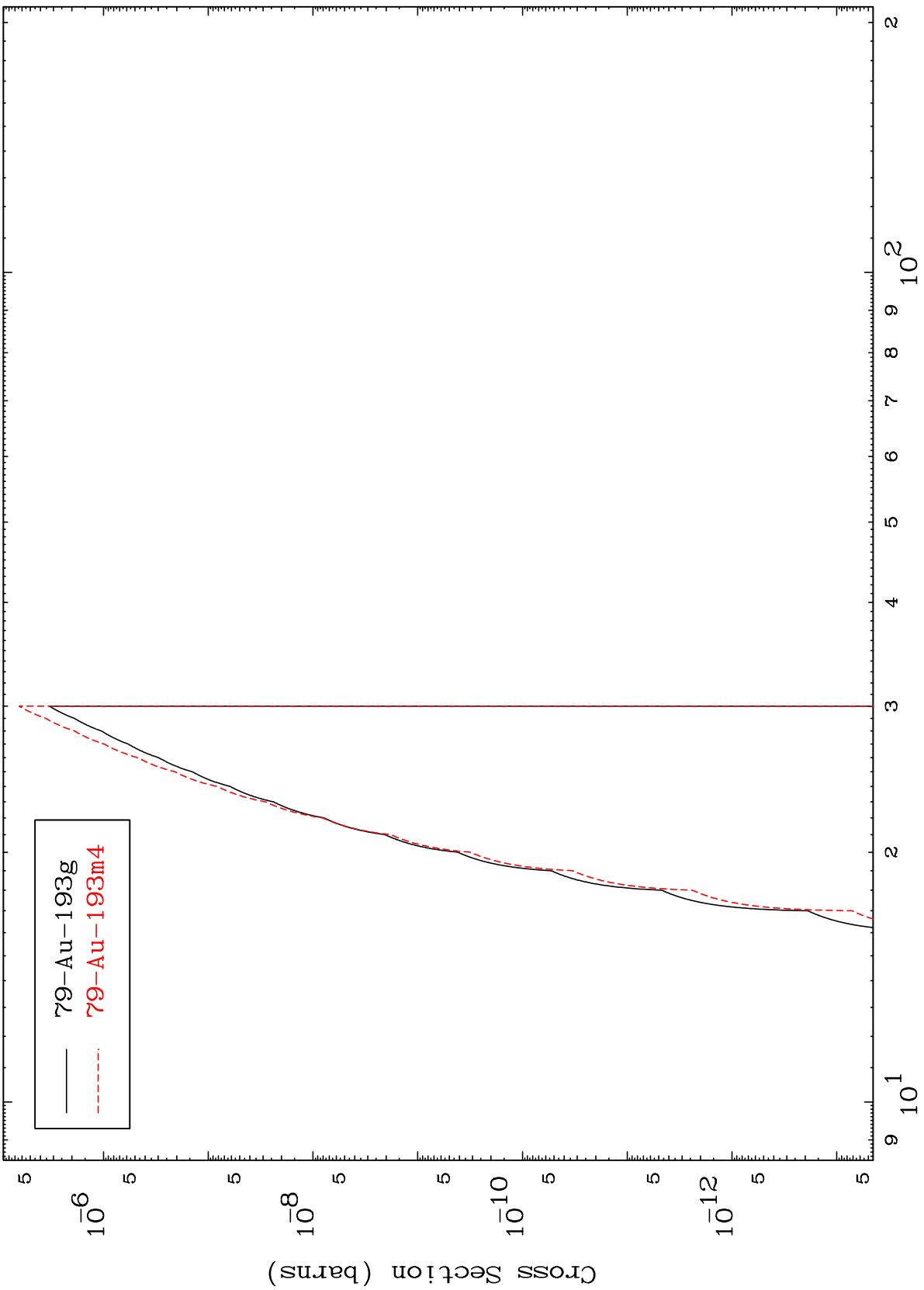


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(n,2n) p

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Radionuclide Production Cross Section



27

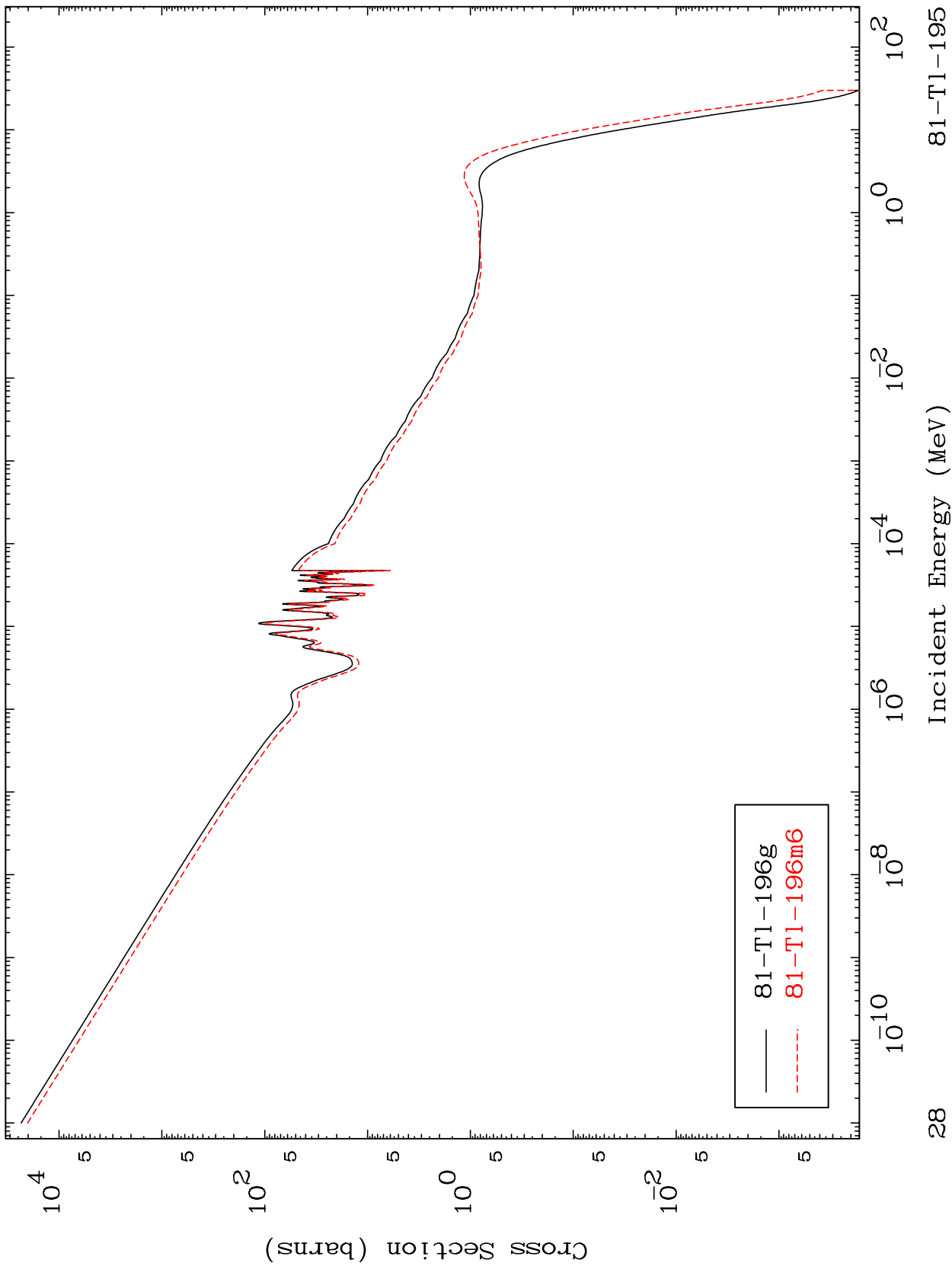
Incident Energy (MeV)

81-Tl-195

MAT 8102

81-Tl-195

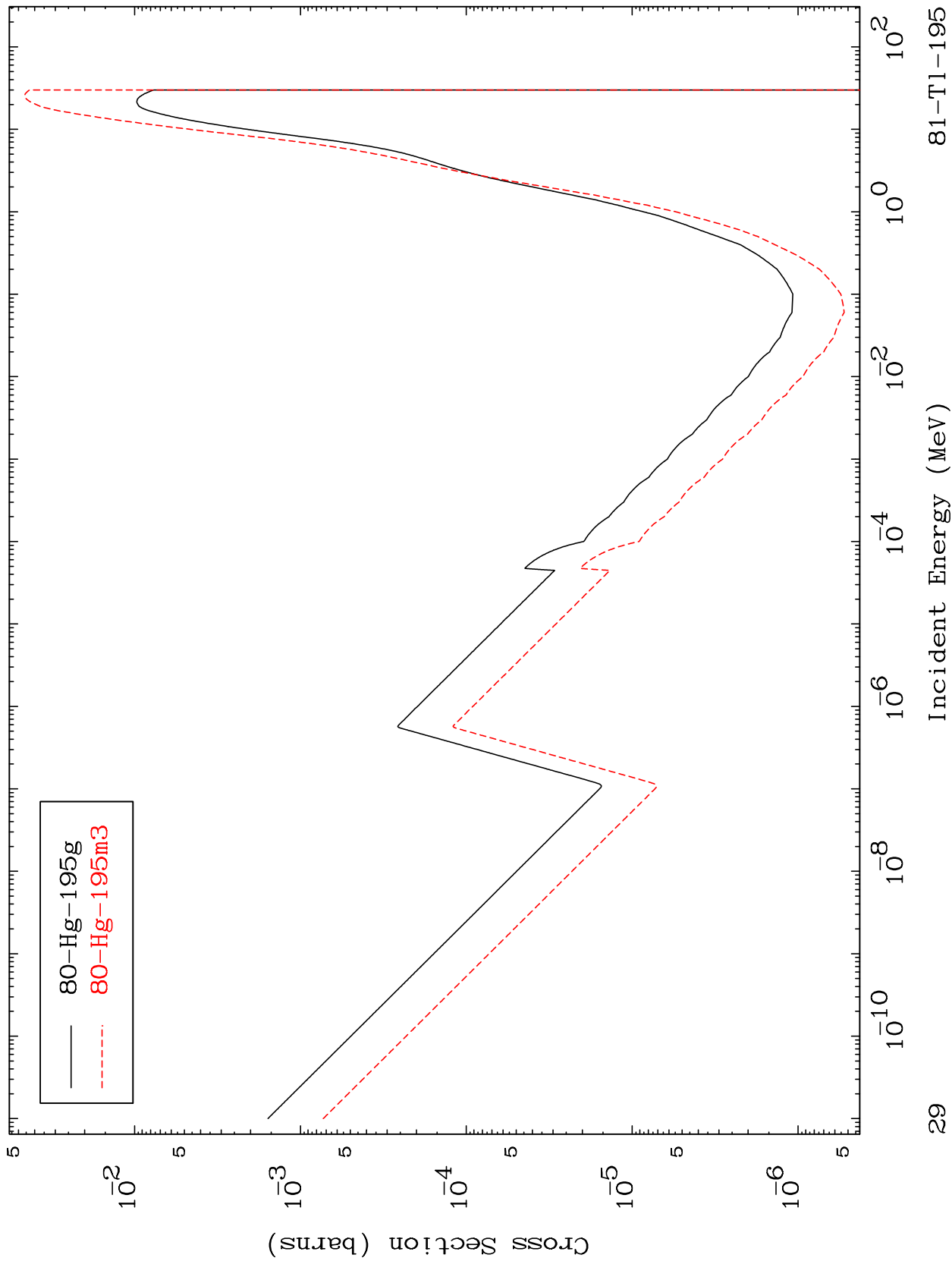
(n, γ)
Radionuclide Production Cross Section



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81-Tl-195

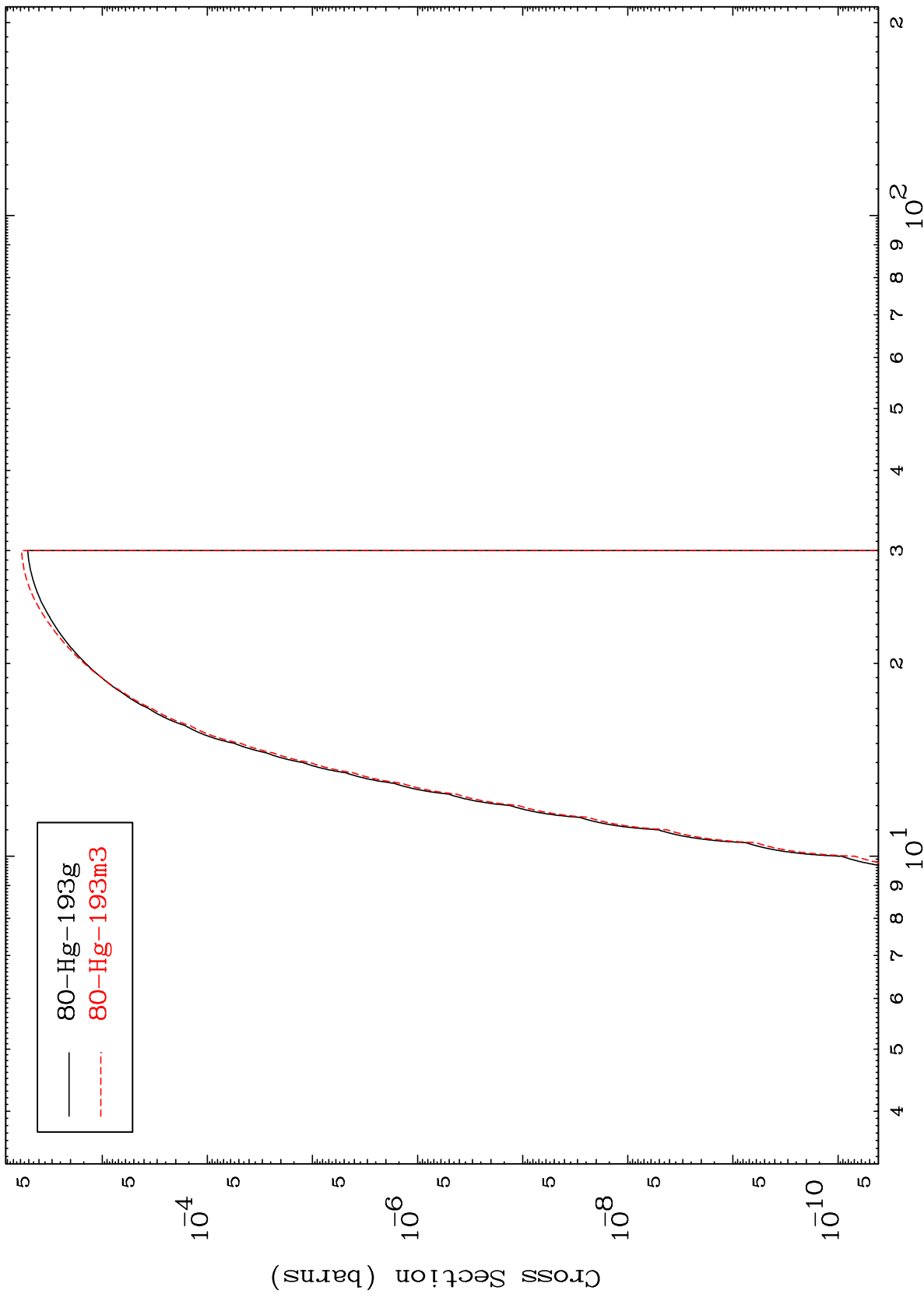
(n,p)
Radionuclide Production Cross Section



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81-Tl-195

(n, t)
Radionuclide Production Cross Section



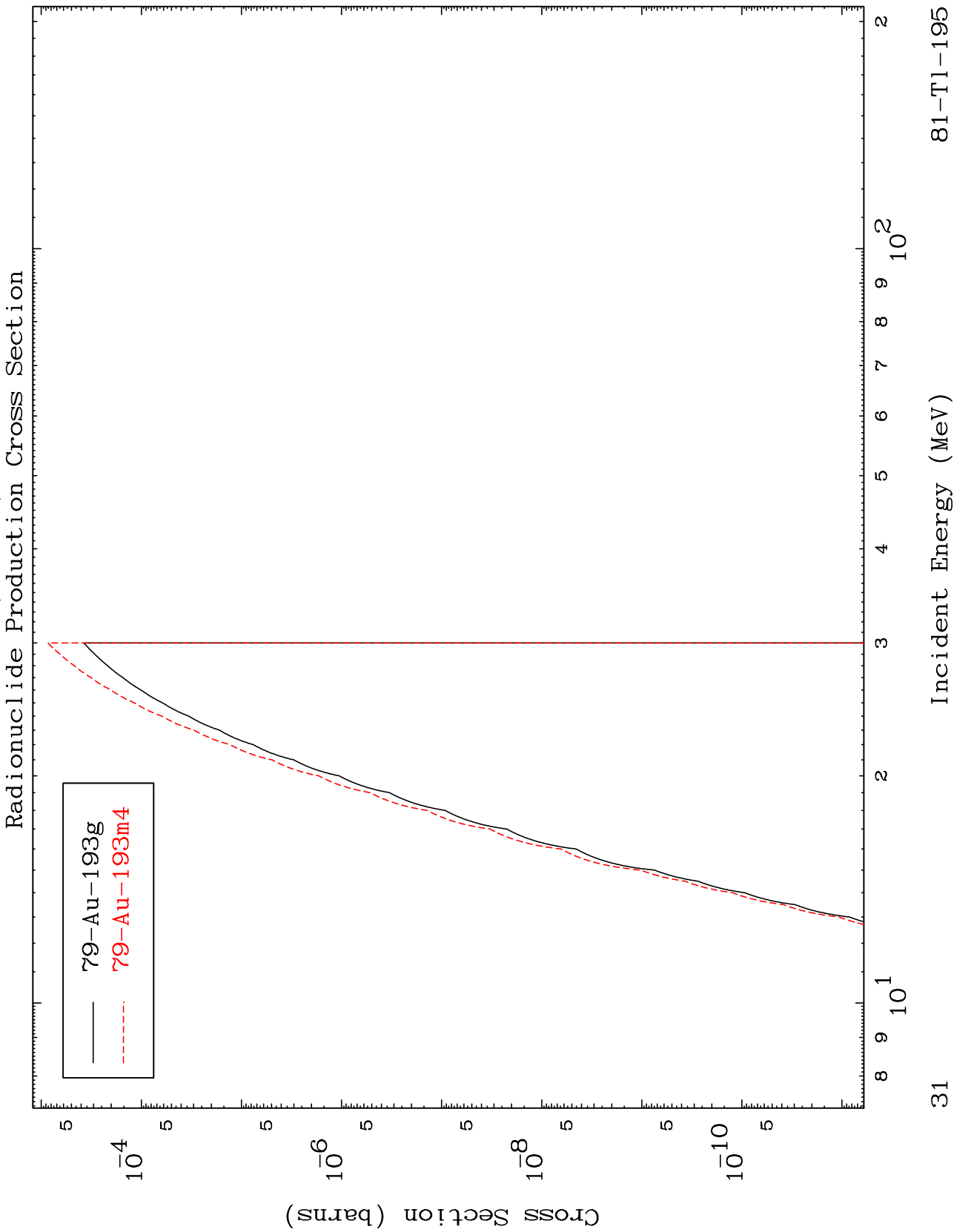
30

Incident Energy (MeV)

81-Tl-195

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81-Tl-195



Incident Energy (MeV)

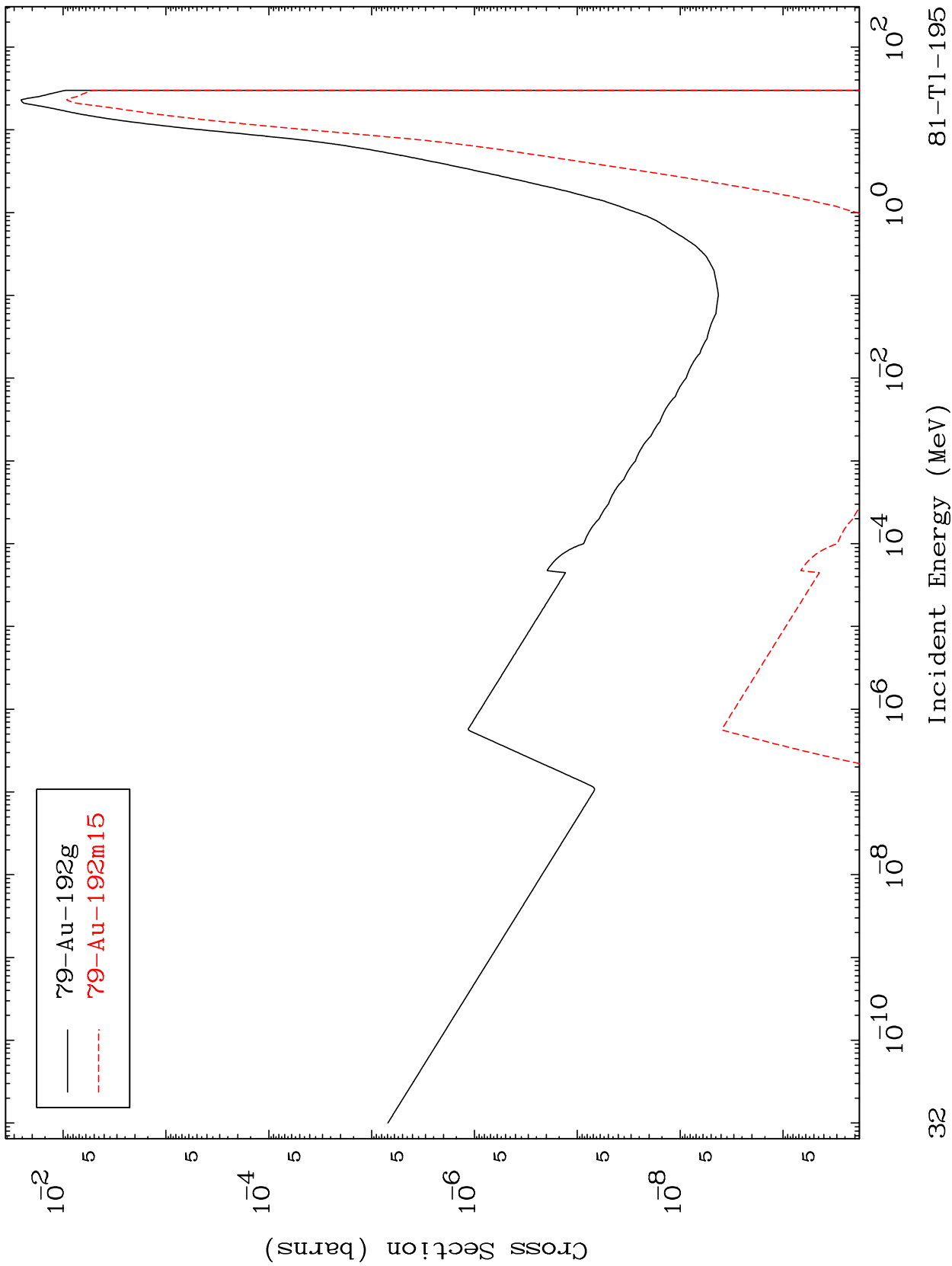
81-Tl-195

31

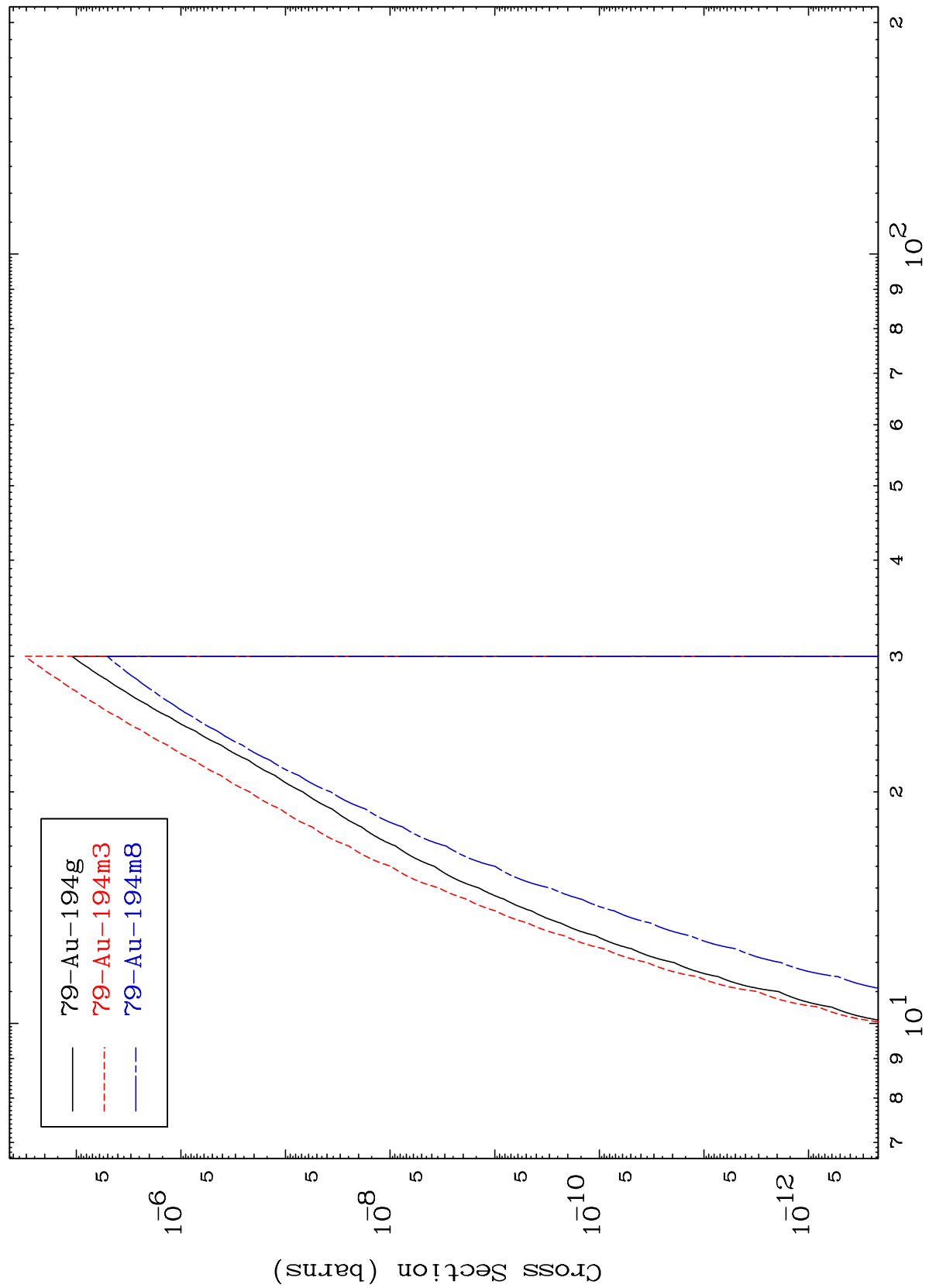
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81-Tl-195

Radionuclide Production Cross Section
(n, α)



Radionuclide Production Cross Section (n,2p)

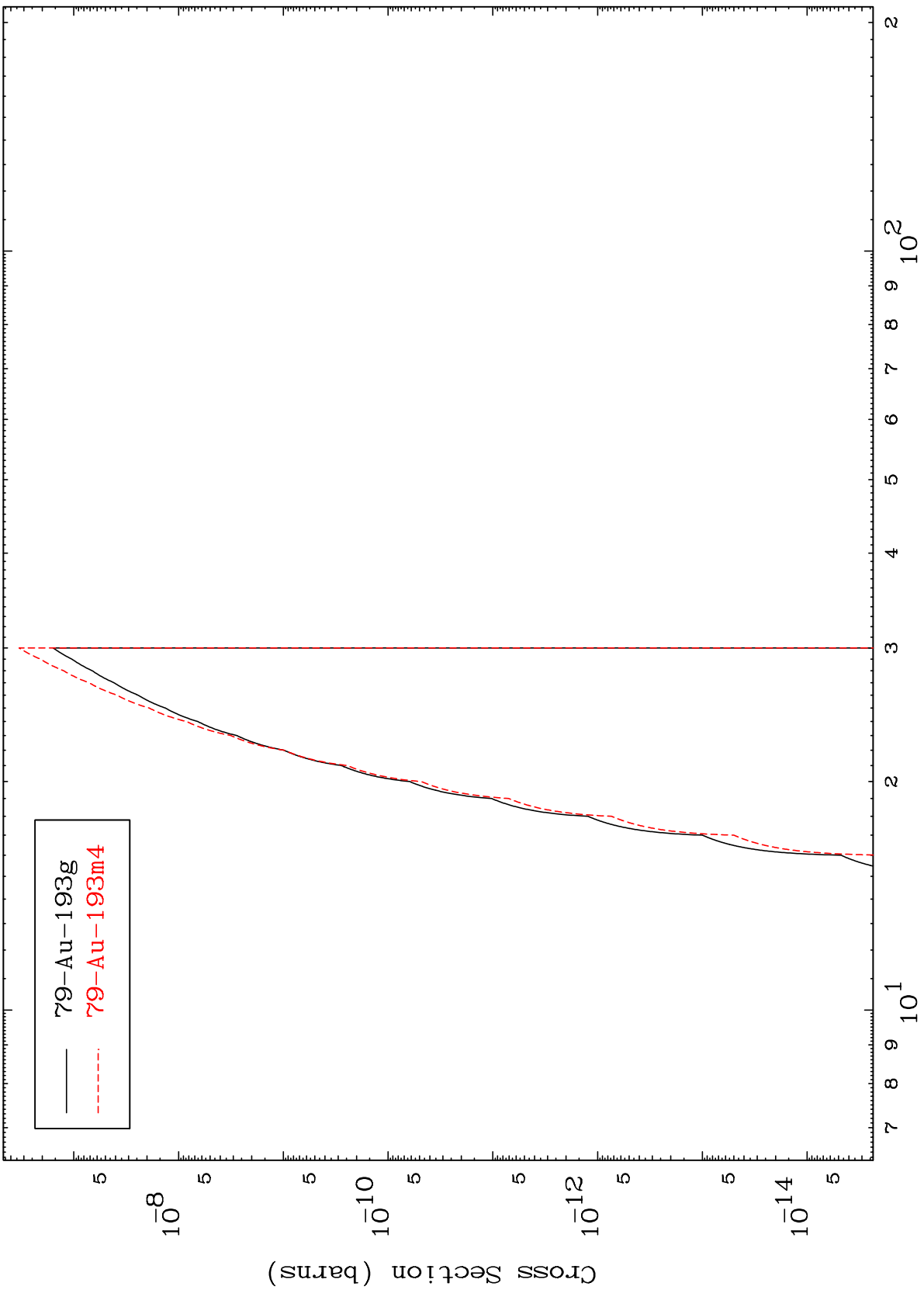


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(n,p) d

81-Tl-195

Radionuclide Production Cross Section



34

Incident Energy (MeV)

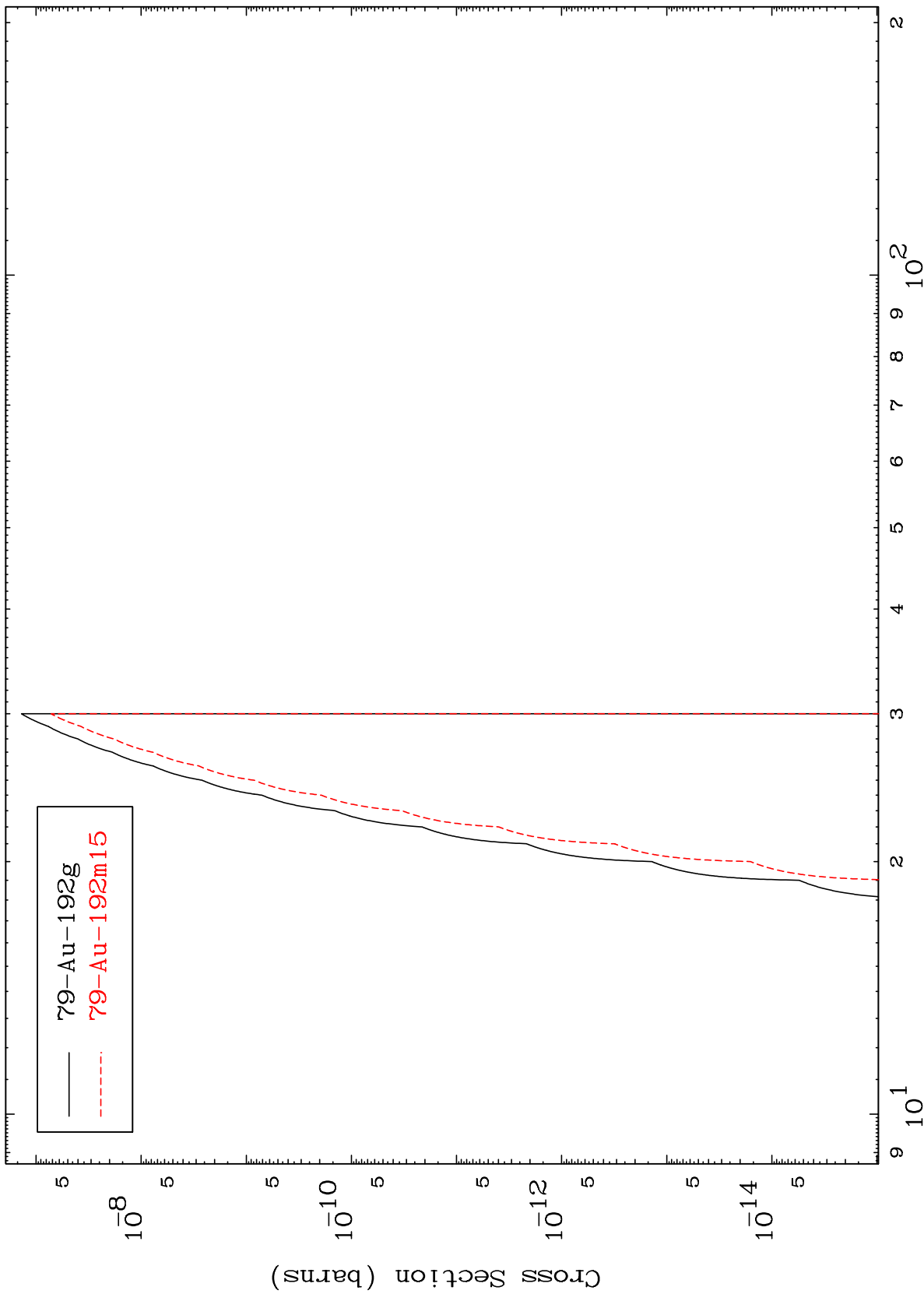
81-Tl-195

MAT 8102

(n,p) t

81-Tl-195

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-195

35