

Program EVALPLOT
(Version 2021-1)

by

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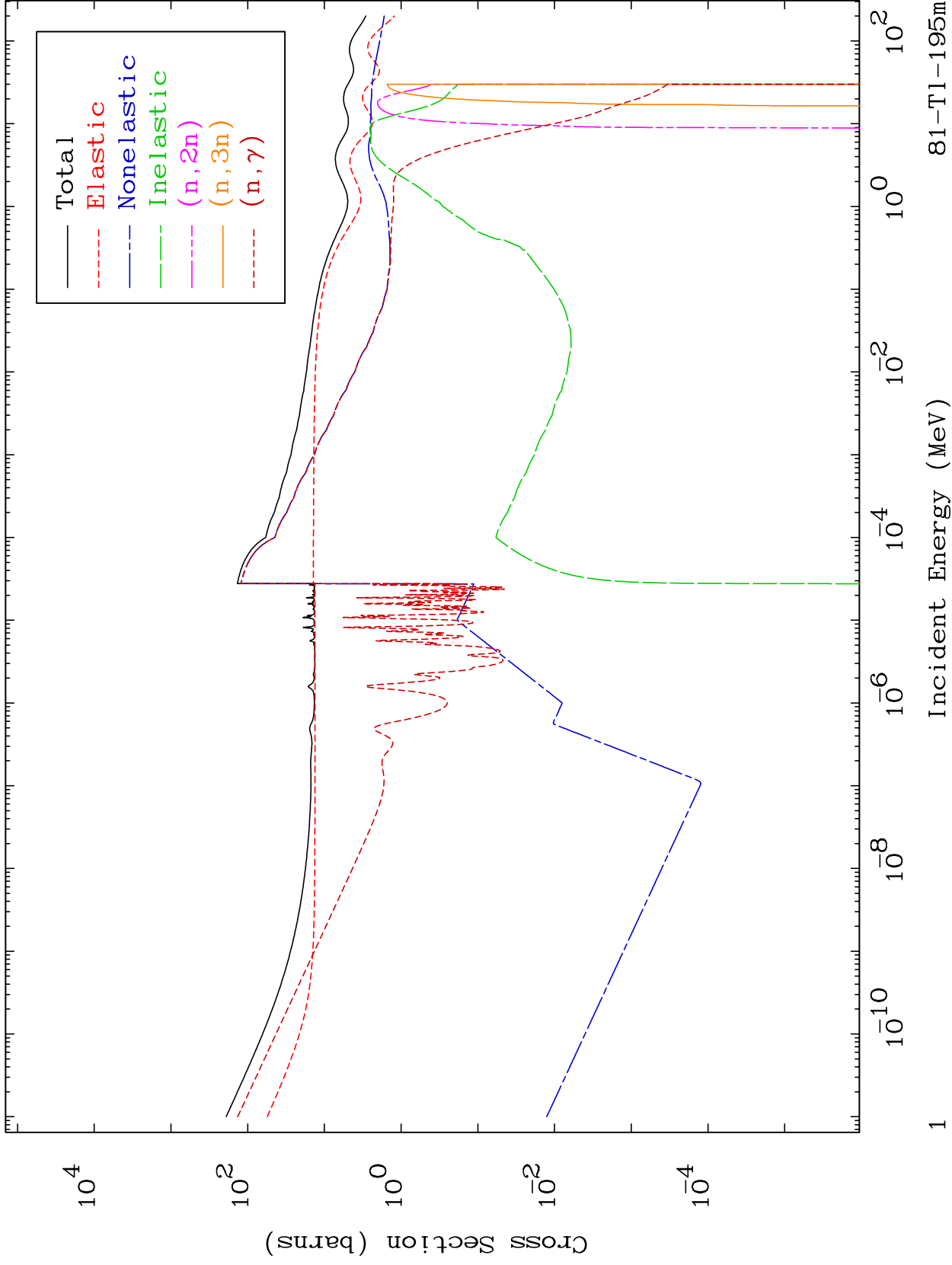
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8102

Neutron Major
293 Kelvin Cross Sections

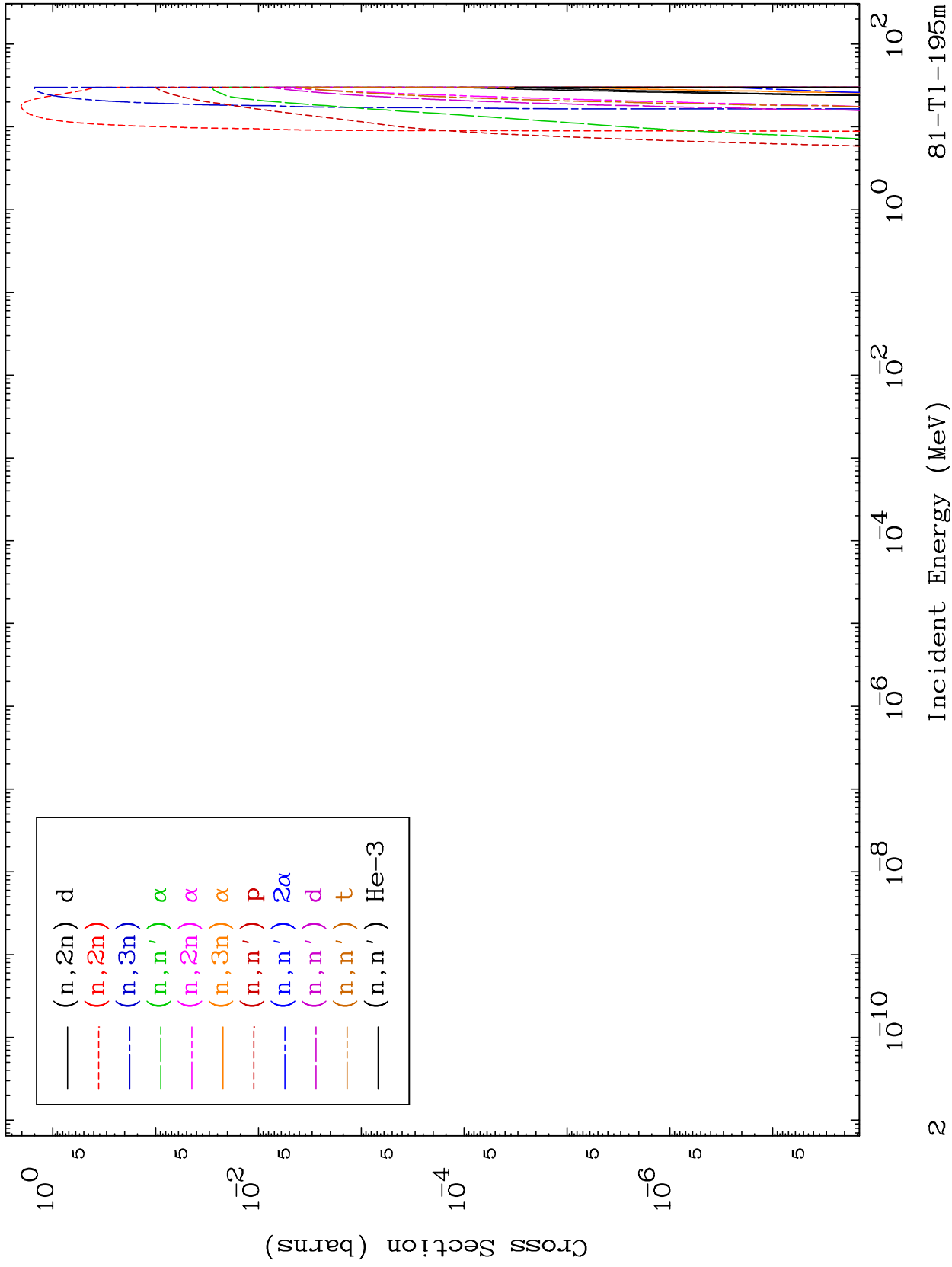
81-TI-195m

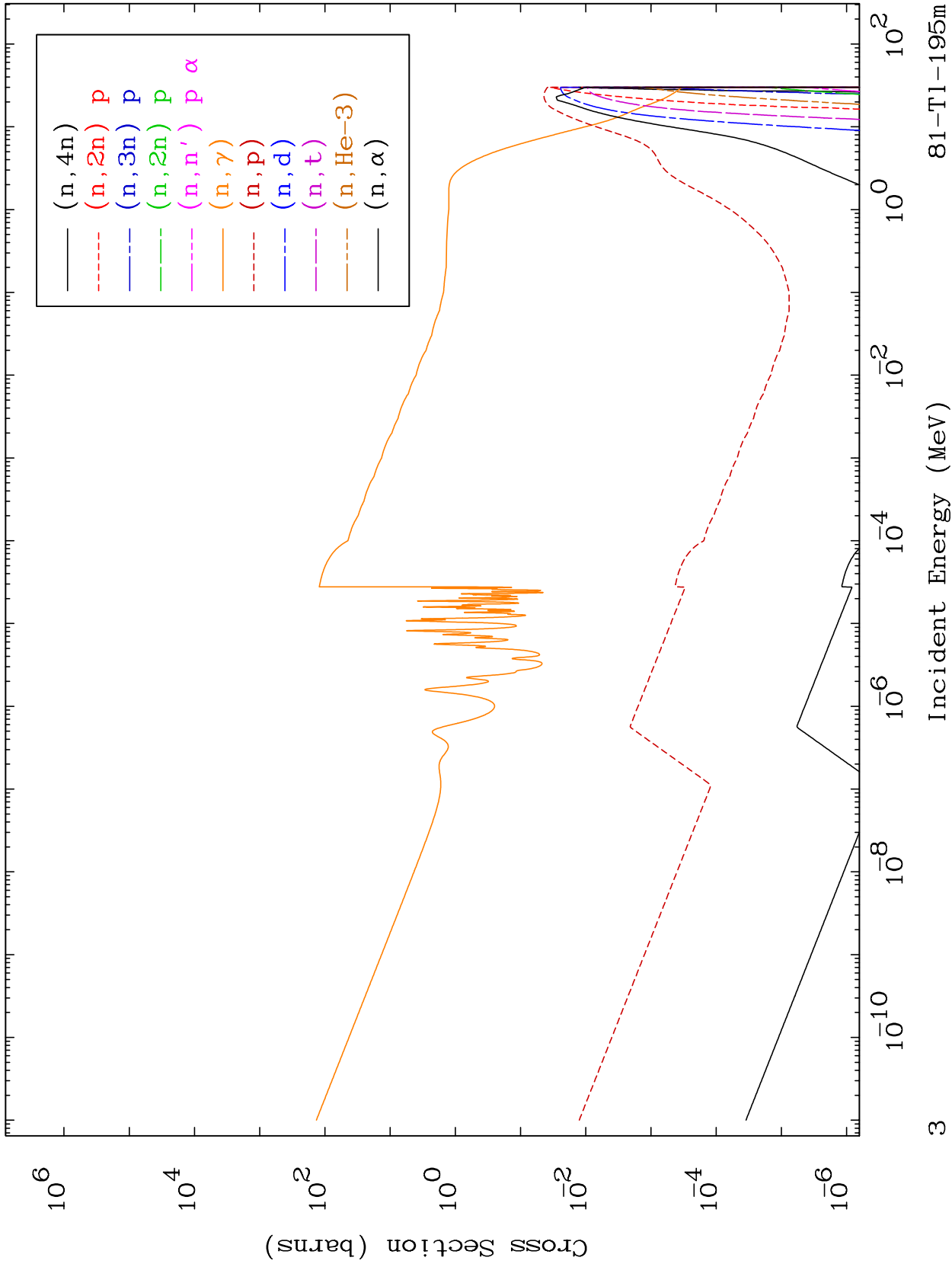


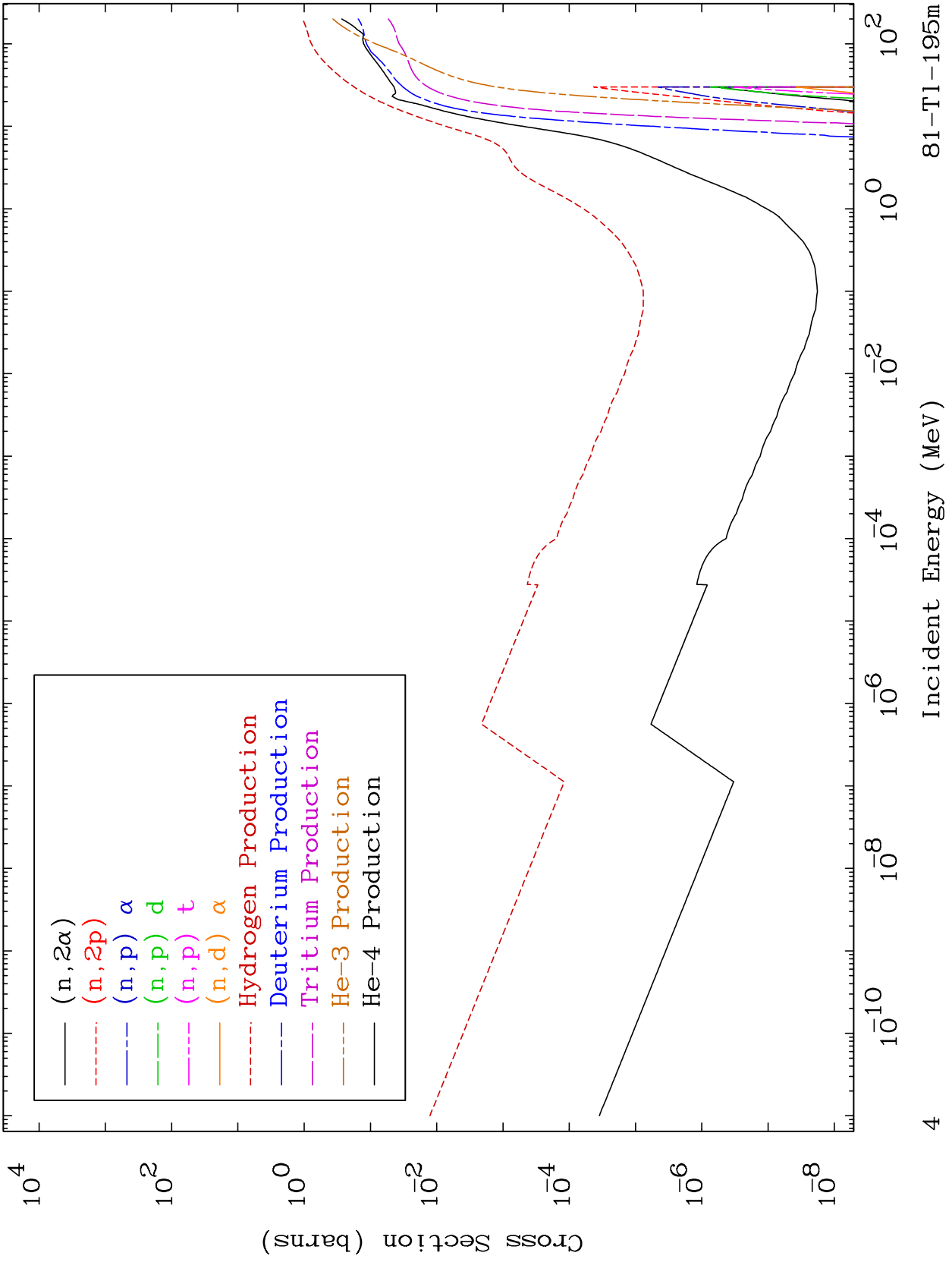
MAT 8102

Neutron Absorption
293 Kelvin Cross Sections

81-TI-195m



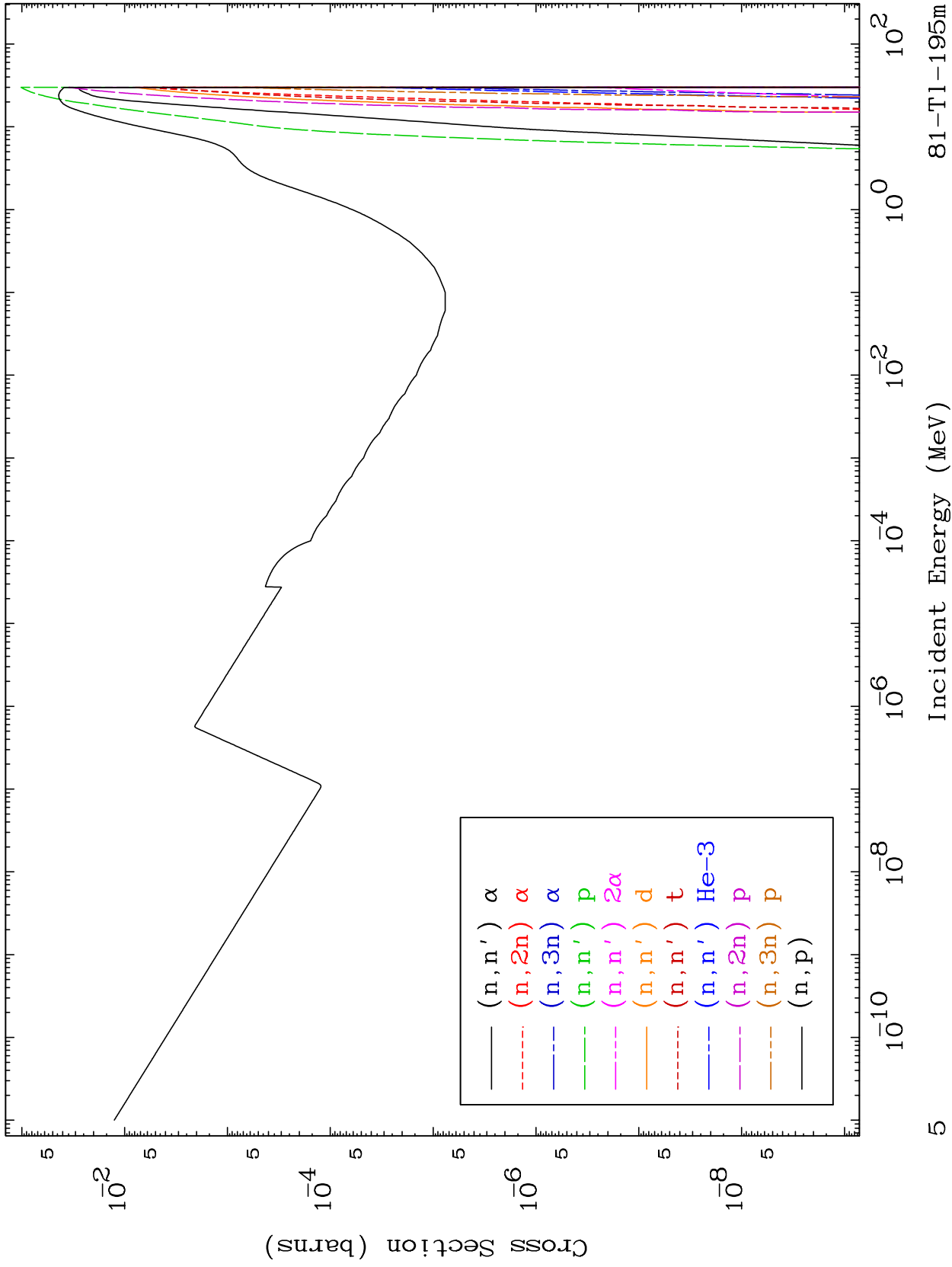


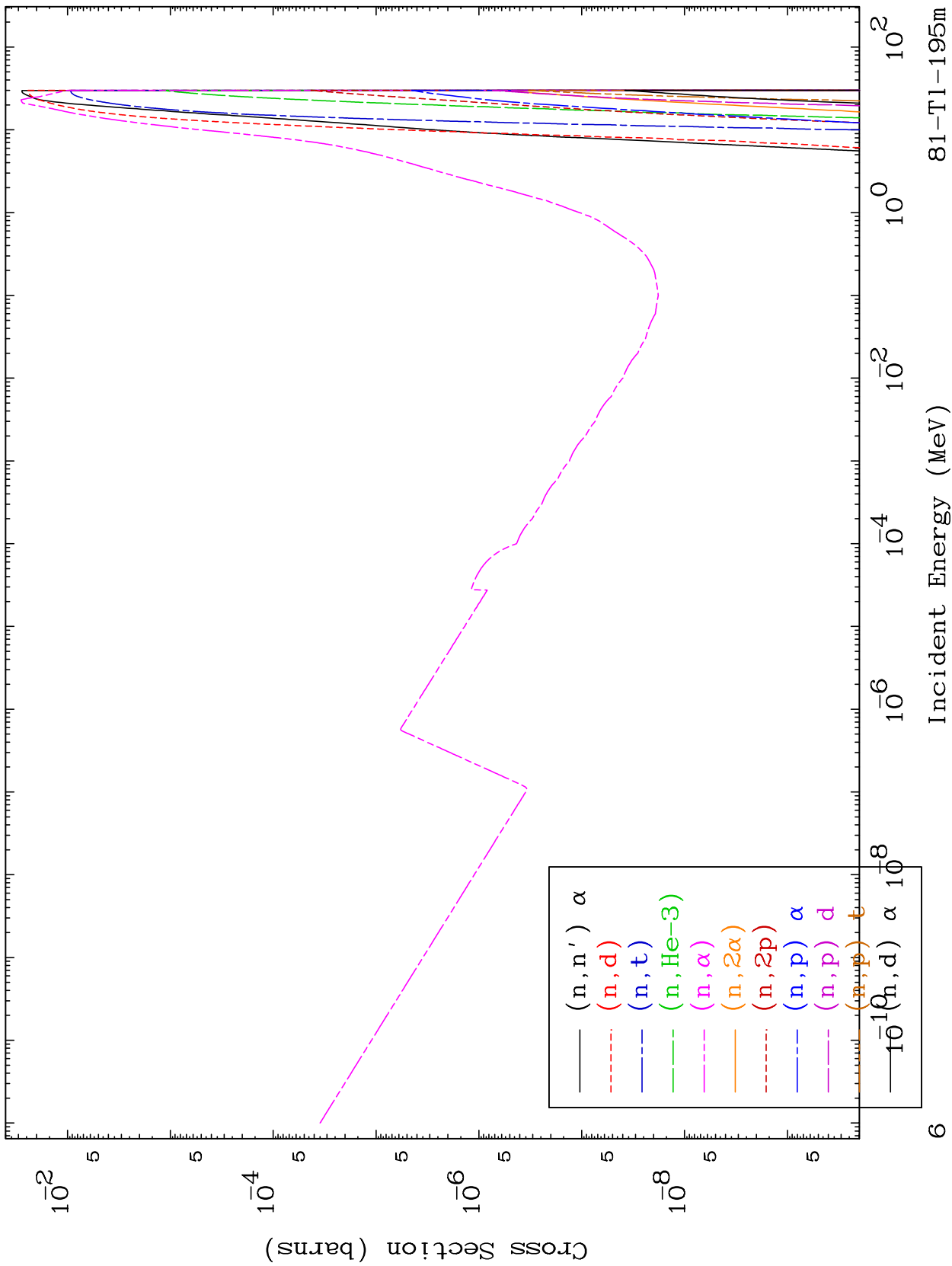


MAT 8102

Charged Particle
293 Kelvin Cross Sections

81-Tl-195m

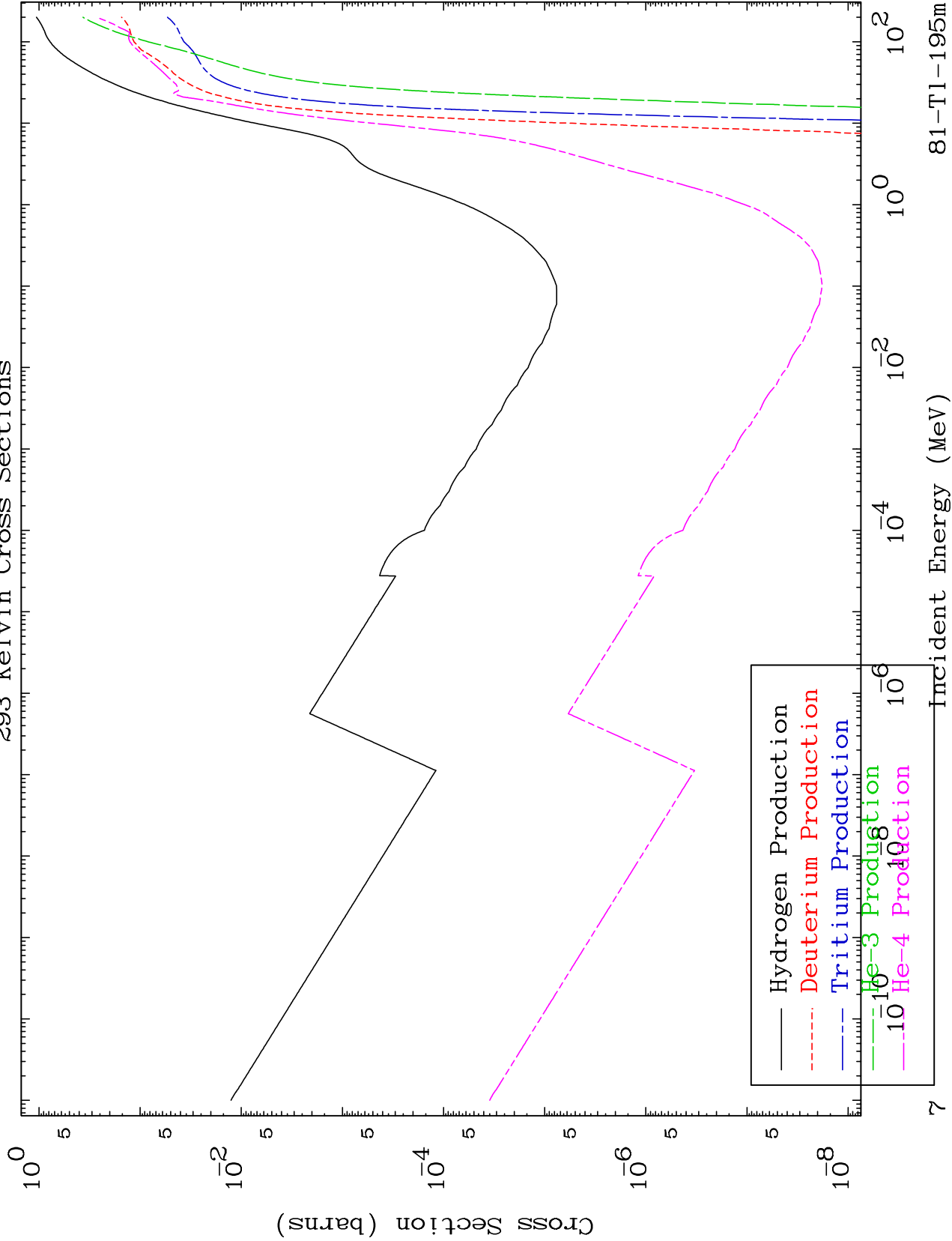




MAT 8102

Particle Production
293 Kelvin Cross Sections

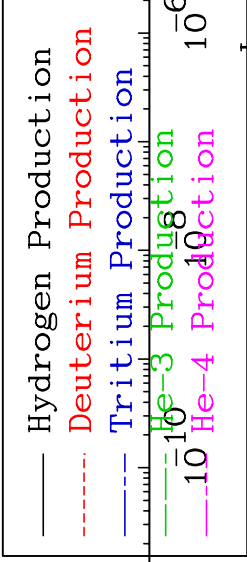
81-TI-195m



Incident Energy (MeV)

81-TI-195m

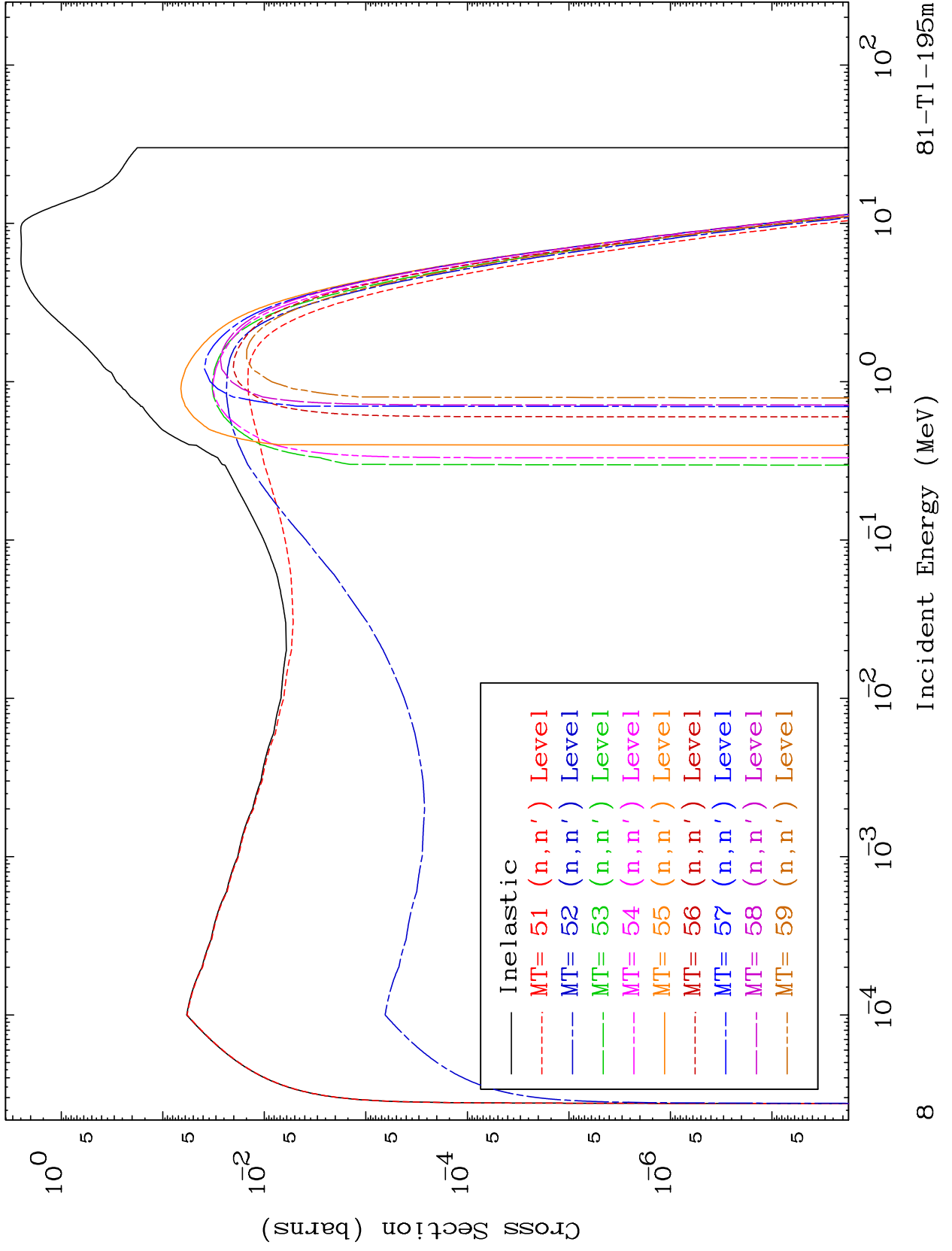
7



MAT 8102

(n,n') Levels
293 Kelvin Cross Sections

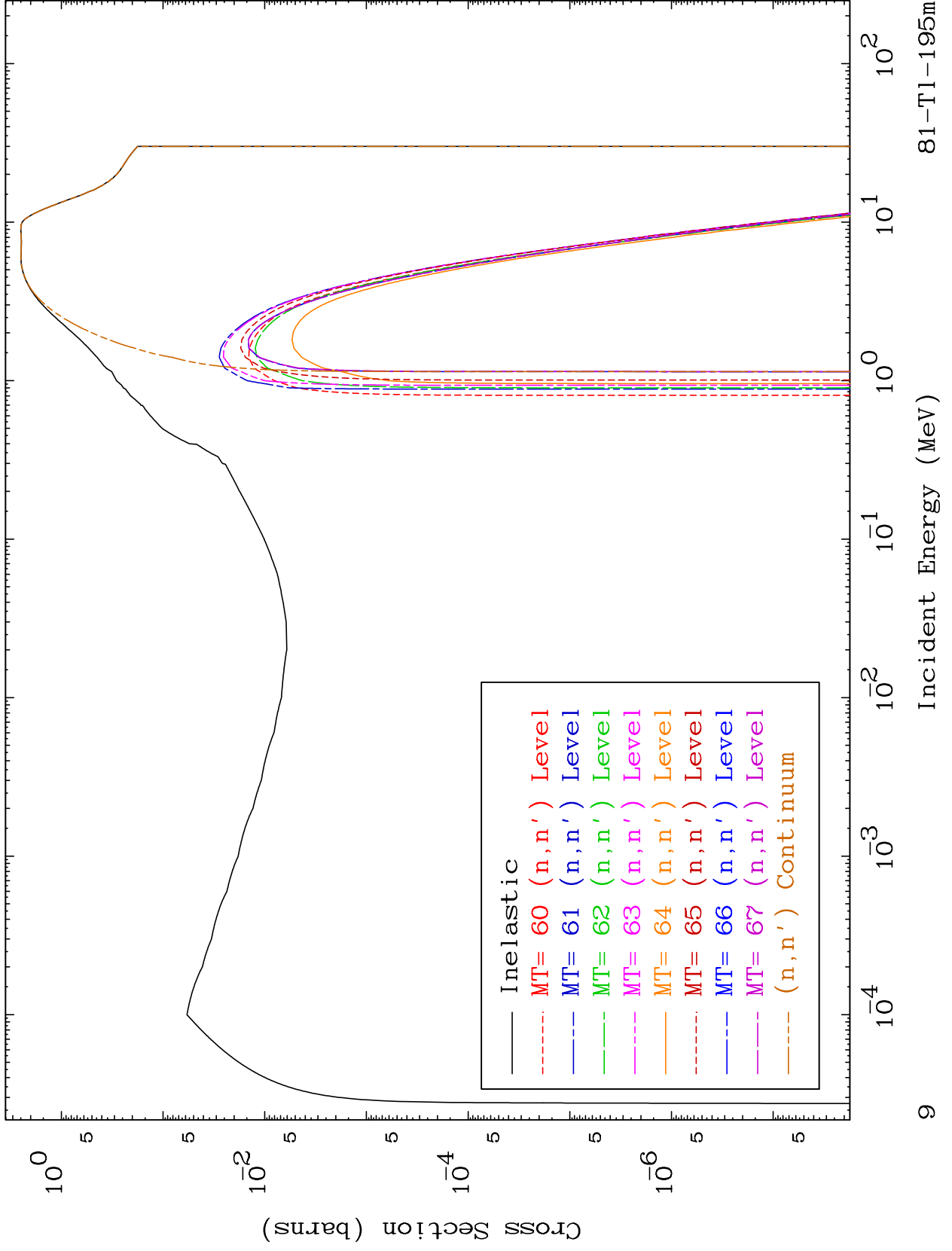
81-TI-195m



MAT 8102

(n,n') Levels
293 Kelvin Cross Sections

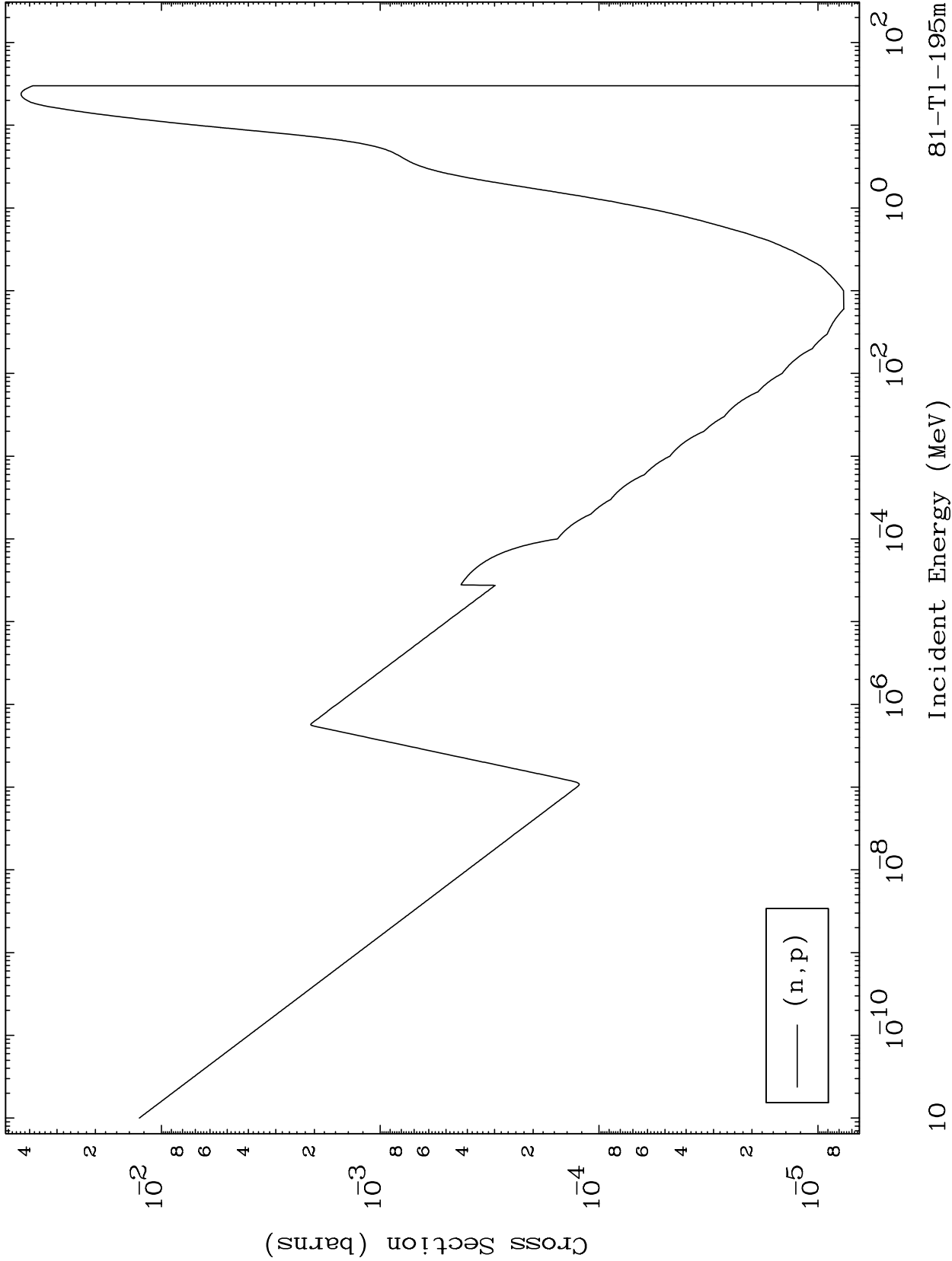
81-TI-195m



MAT 8102

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-195m



(n,p)

10

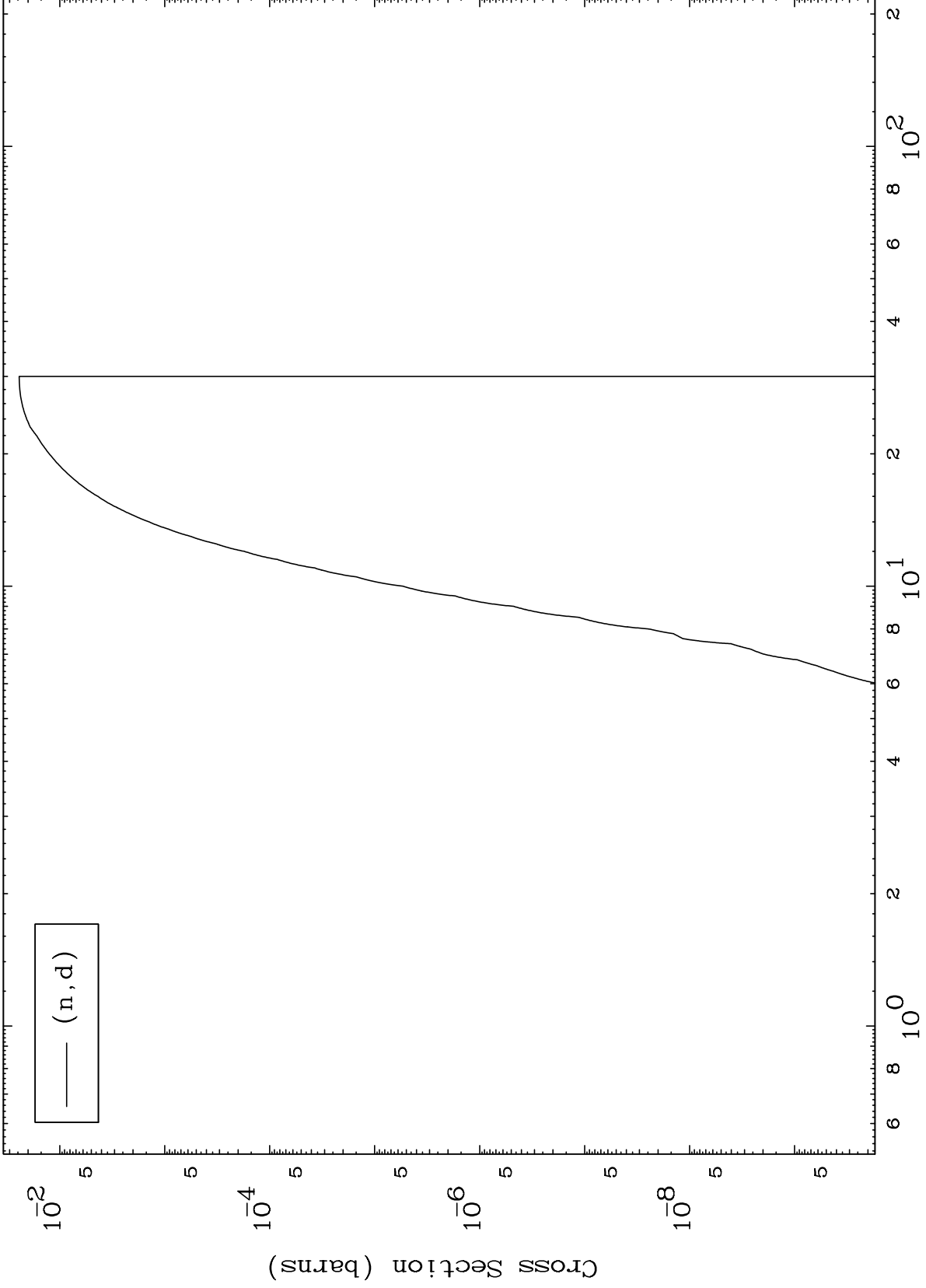
Incident Energy (MeV)

81-Tl-195m

MAT 8102

(n,d) Levels
293 Kelvin Cross Sections

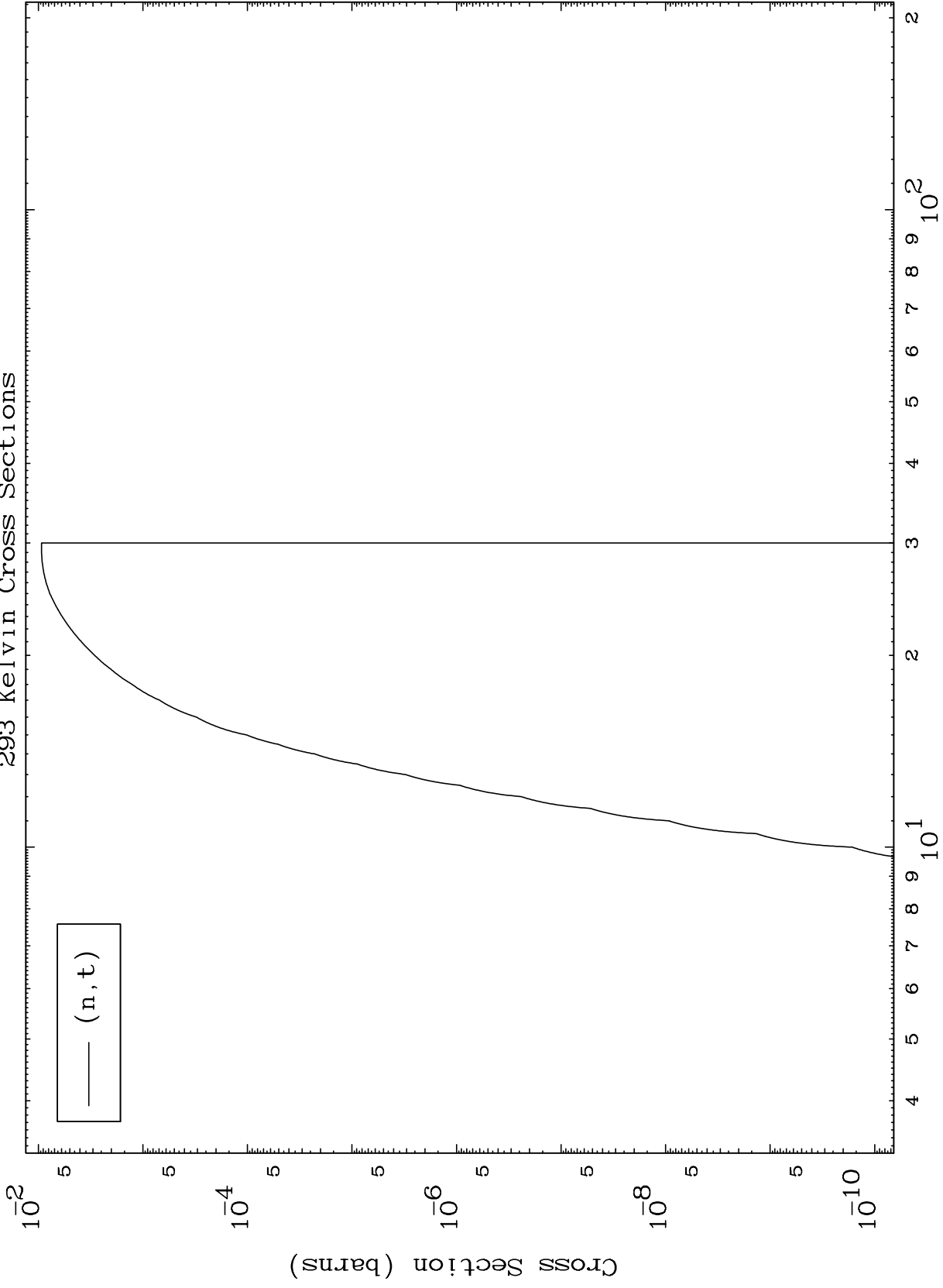
81-Tl-195m



MAT 8102

(n,t) Levels
293 Kelvin Cross Sections

81-TI-195m



12

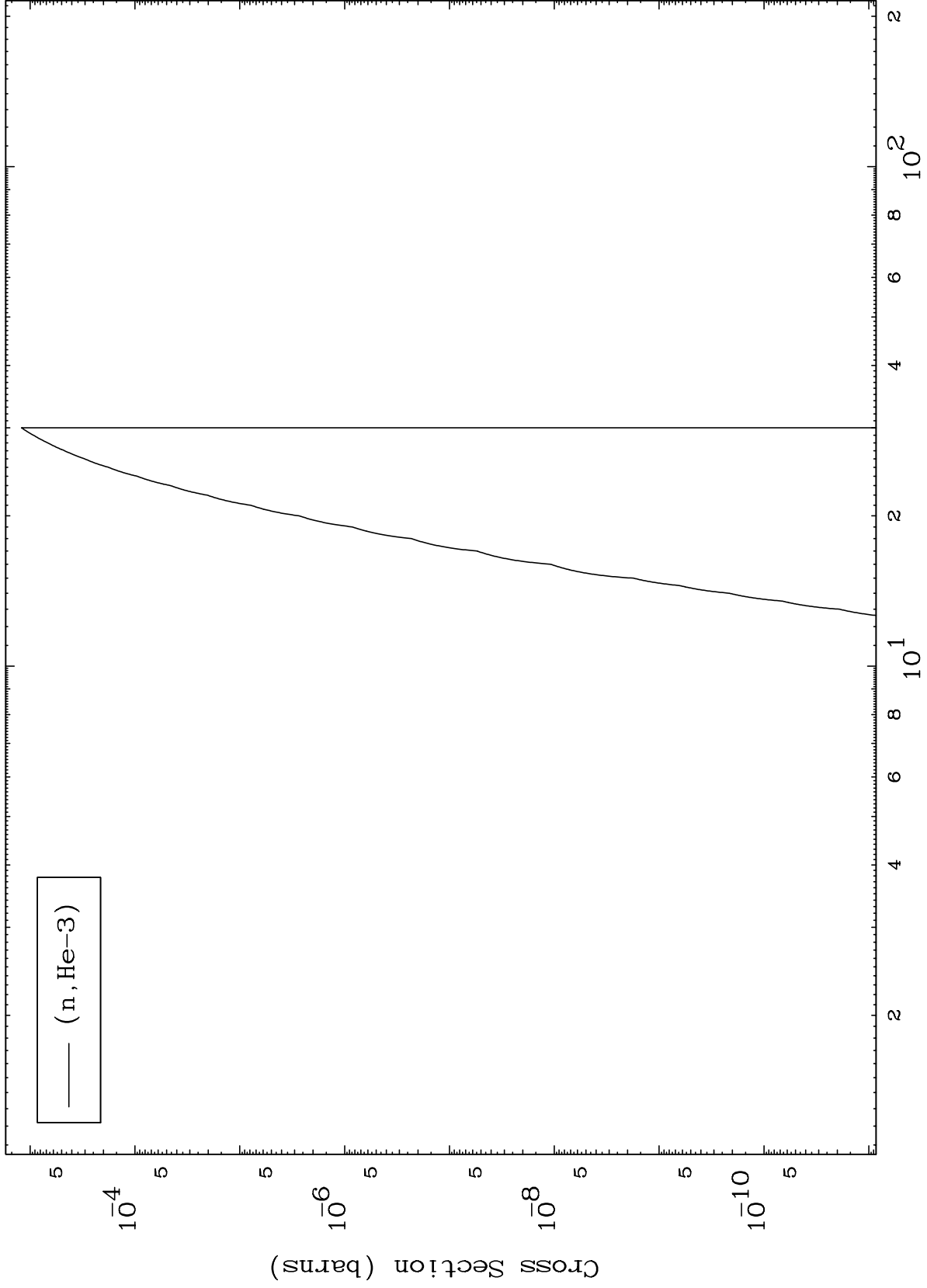
Incident Energy (MeV)

81-TI-195m

MAT 8102

(n,He3) Levels
293 Kelvin Cross Sections

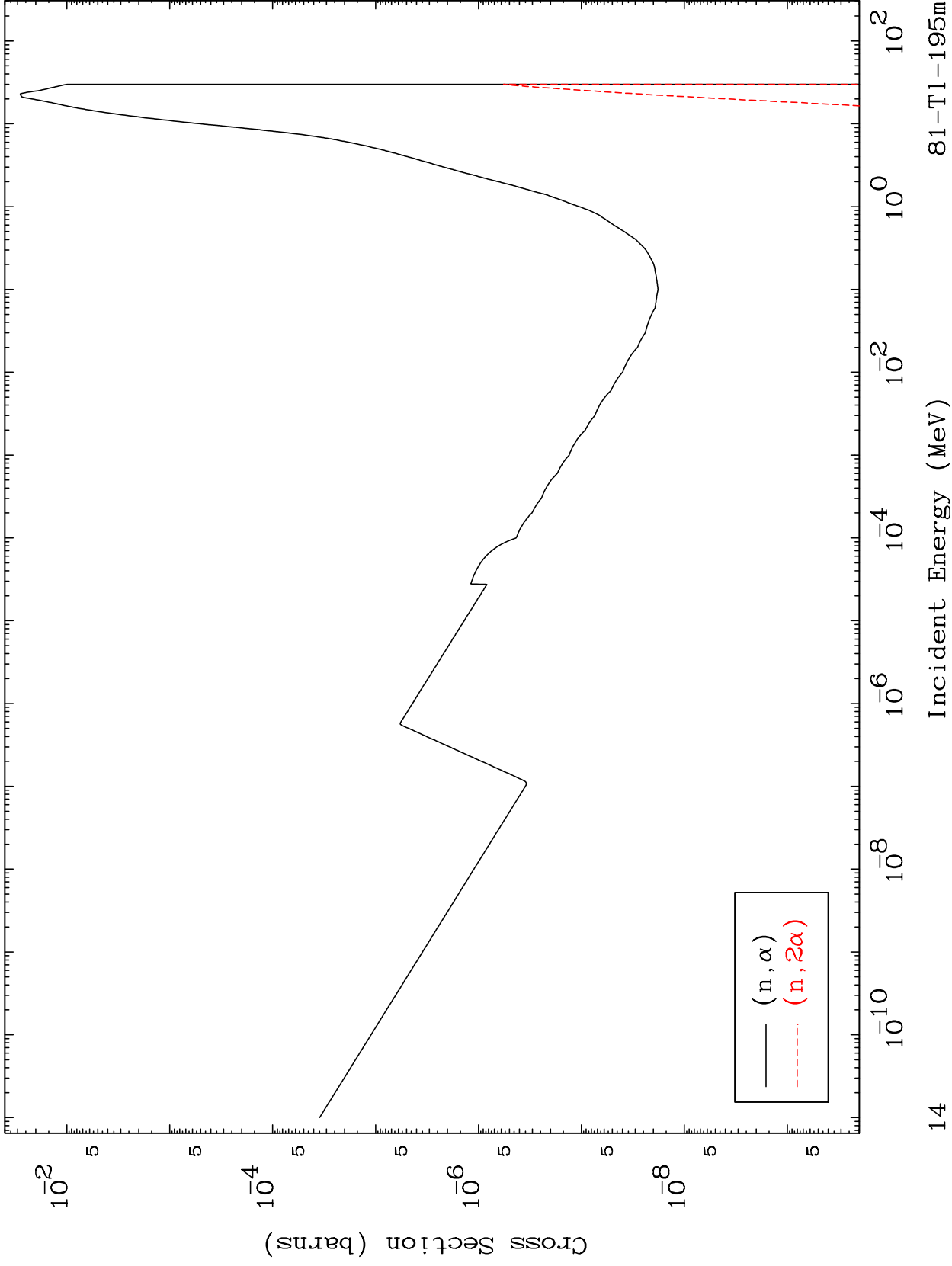
81-TI-195m



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(n, α) Levels
293 Kelvin Cross Sections

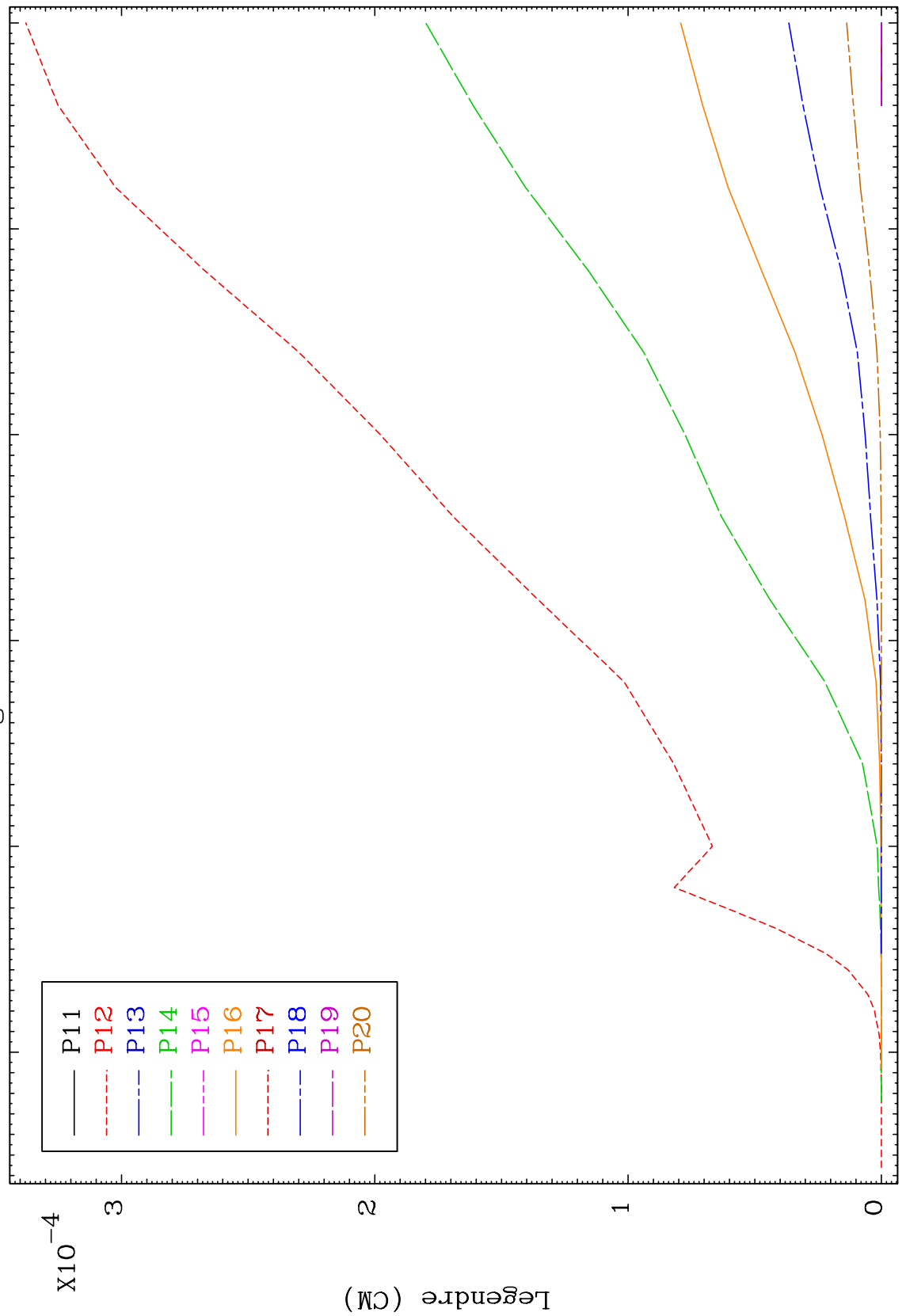
81-Tl-195m



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Elastic Legendre Coefficients

81-TI-195m



16

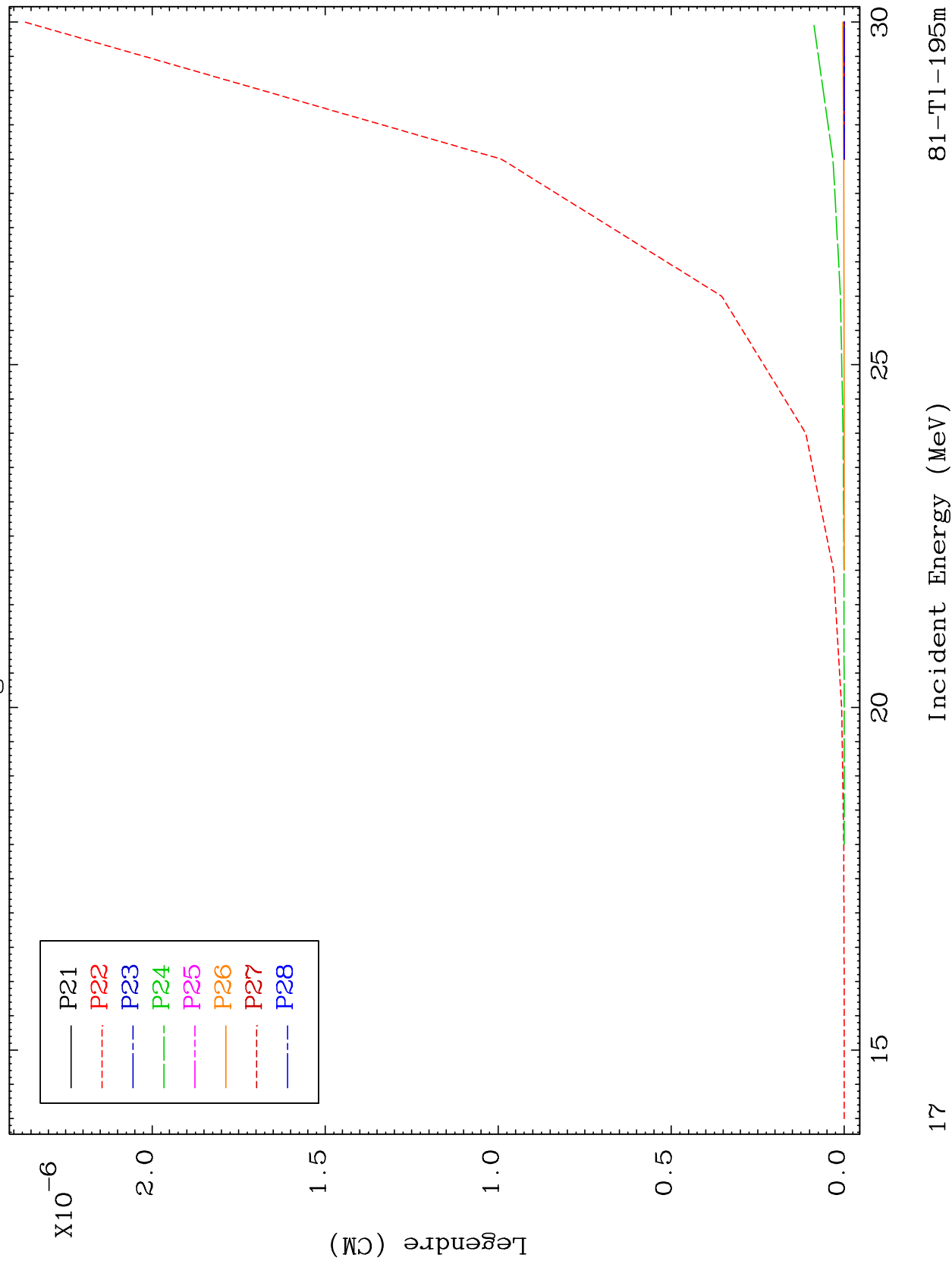
Incident Energy (MeV)

81-TI-195m

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Elastic Legendre Coefficients

81-TI-195m



17

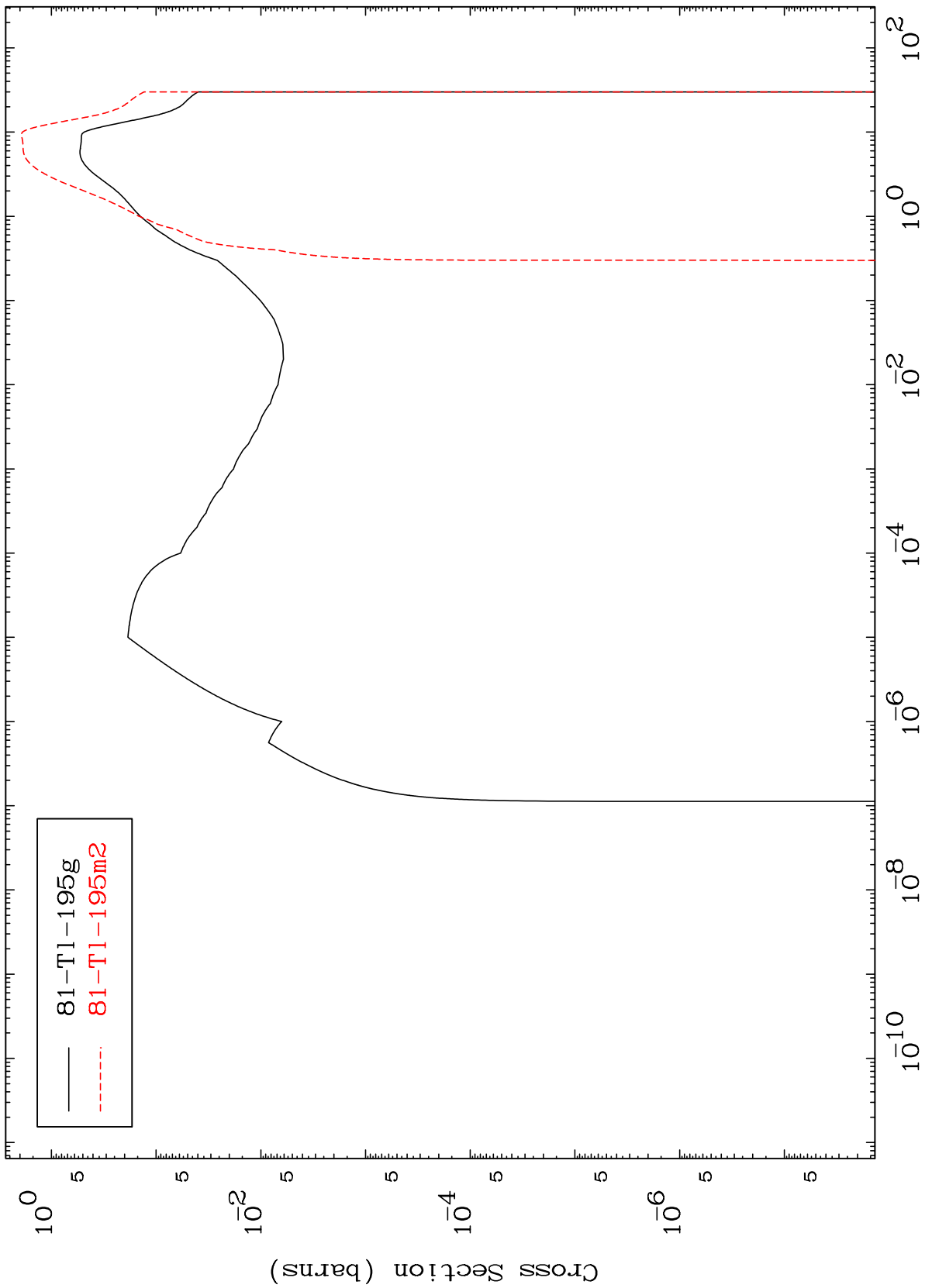
Incident Energy (MeV)

81-TI-195m

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81-Tl-195m

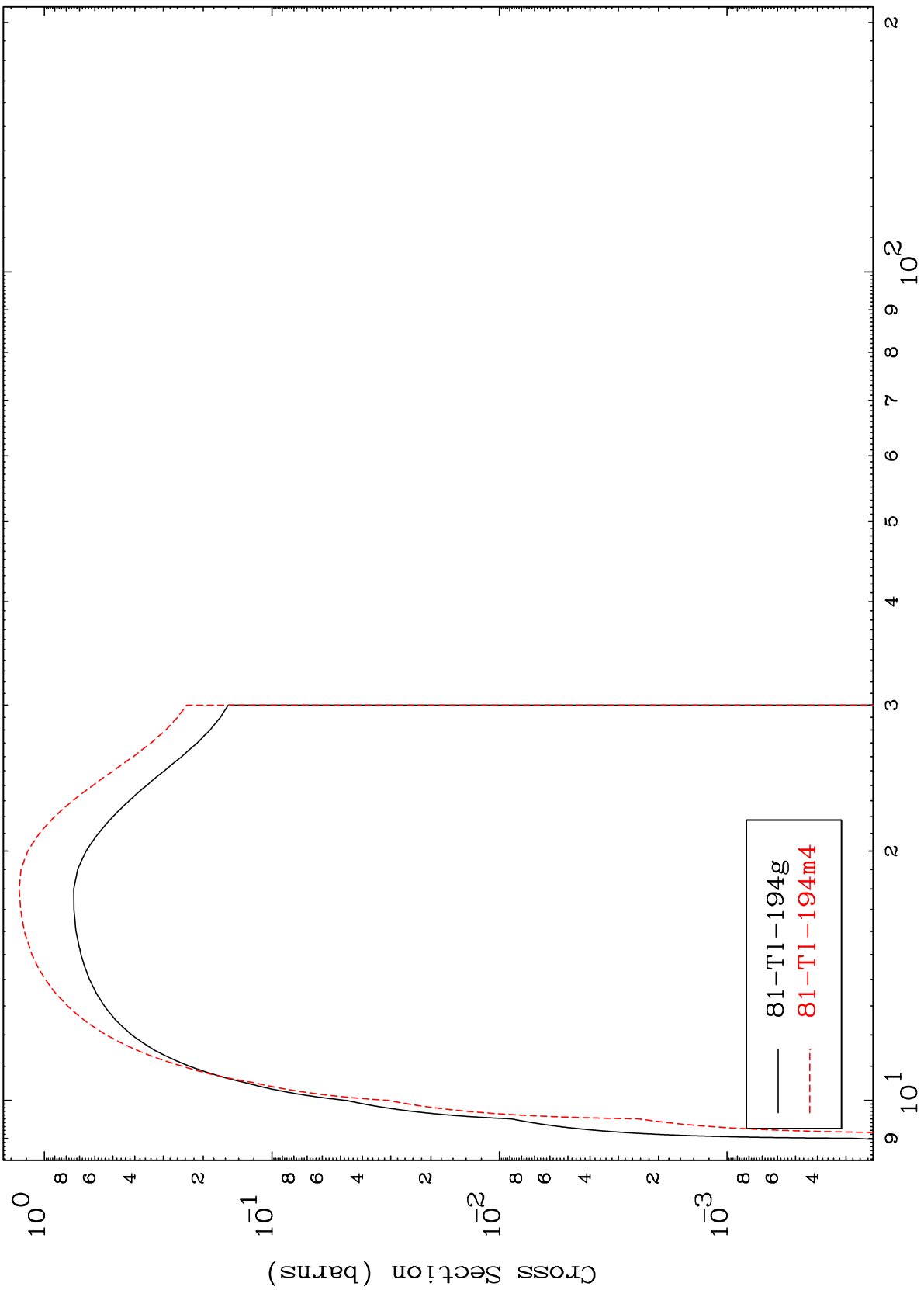
Inelastic
Radionuclide Production Cross Section



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81-Tl-195m

(n,2n)
Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m4

81-Tl-195m

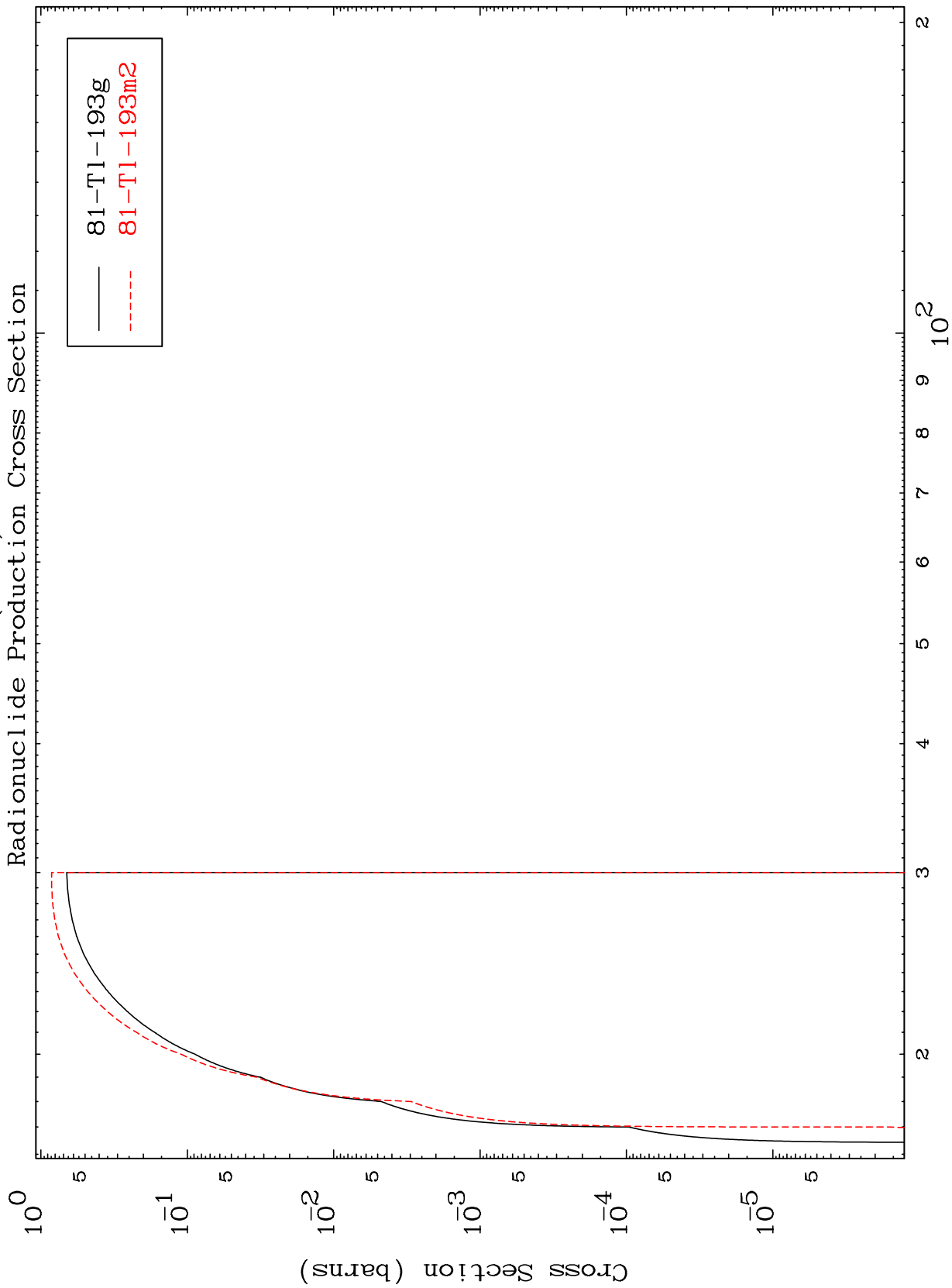
Incident Energy (MeV)

19

MAT 8102

81-Tl-195m

(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

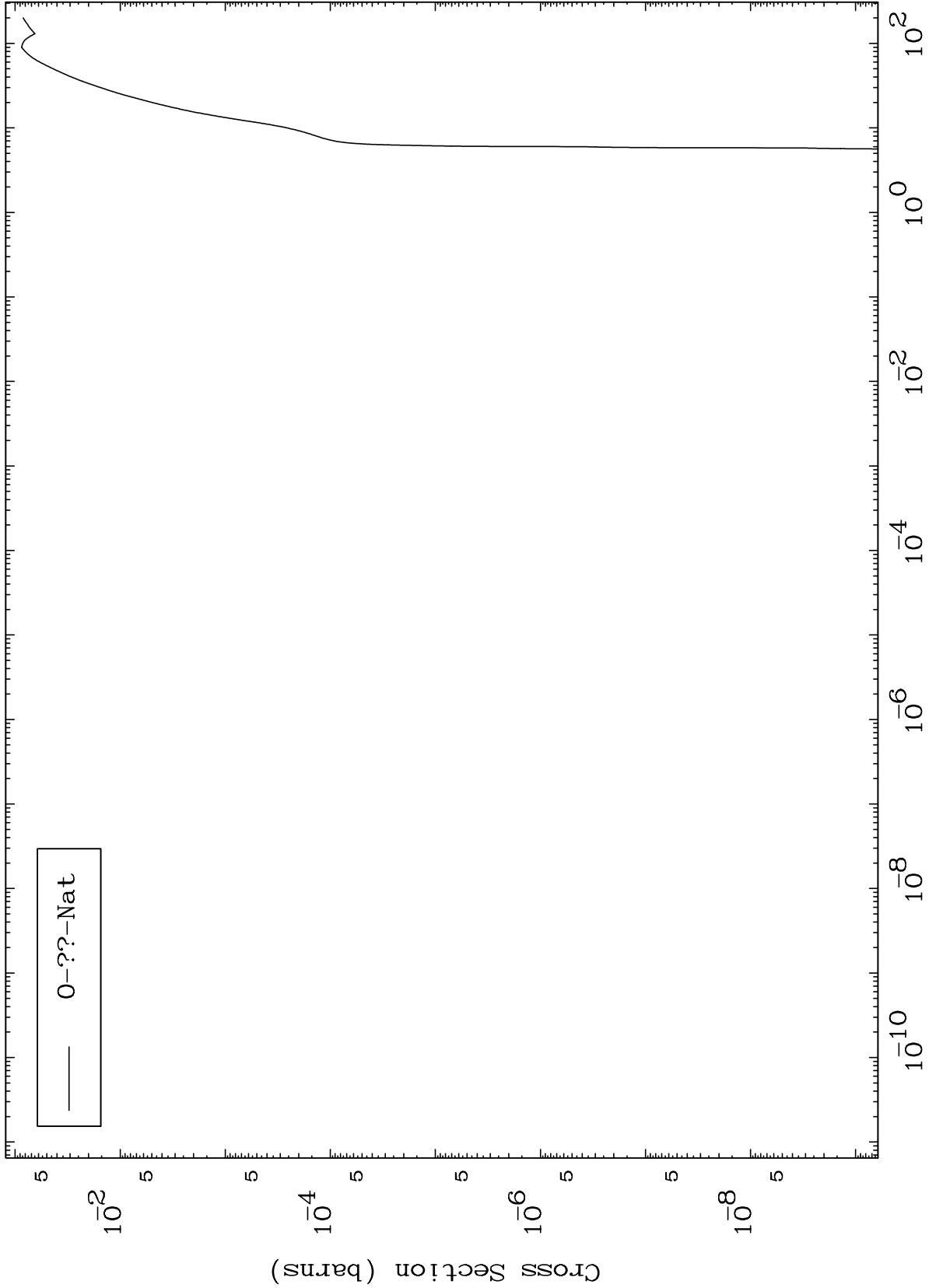
81-Tl-195m

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Fission

81-Tl-195m

Radionuclide Production Cross Section

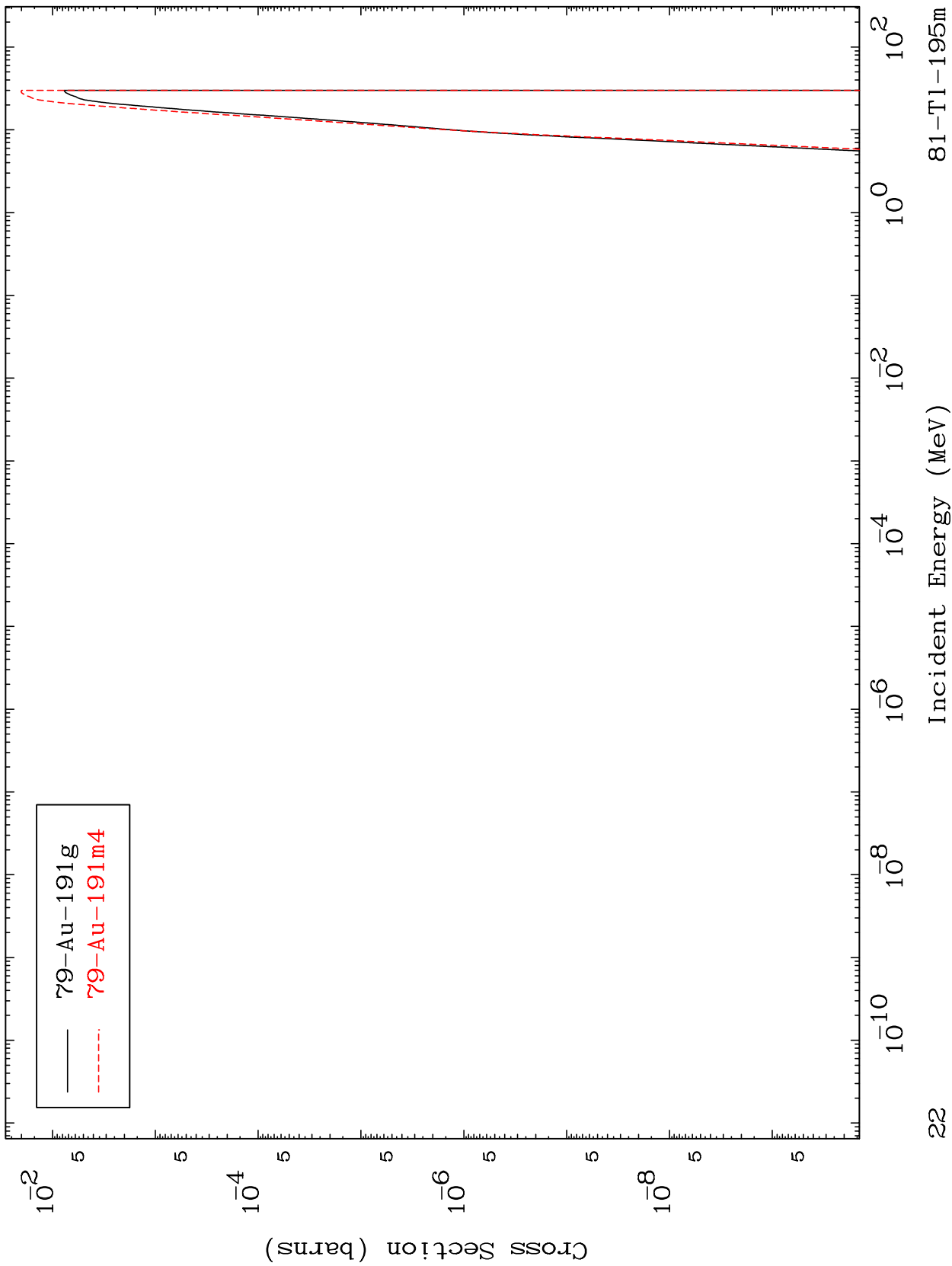


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$(n, n') \alpha$

81-Tl-195m

Radionuclide Production Cross Section

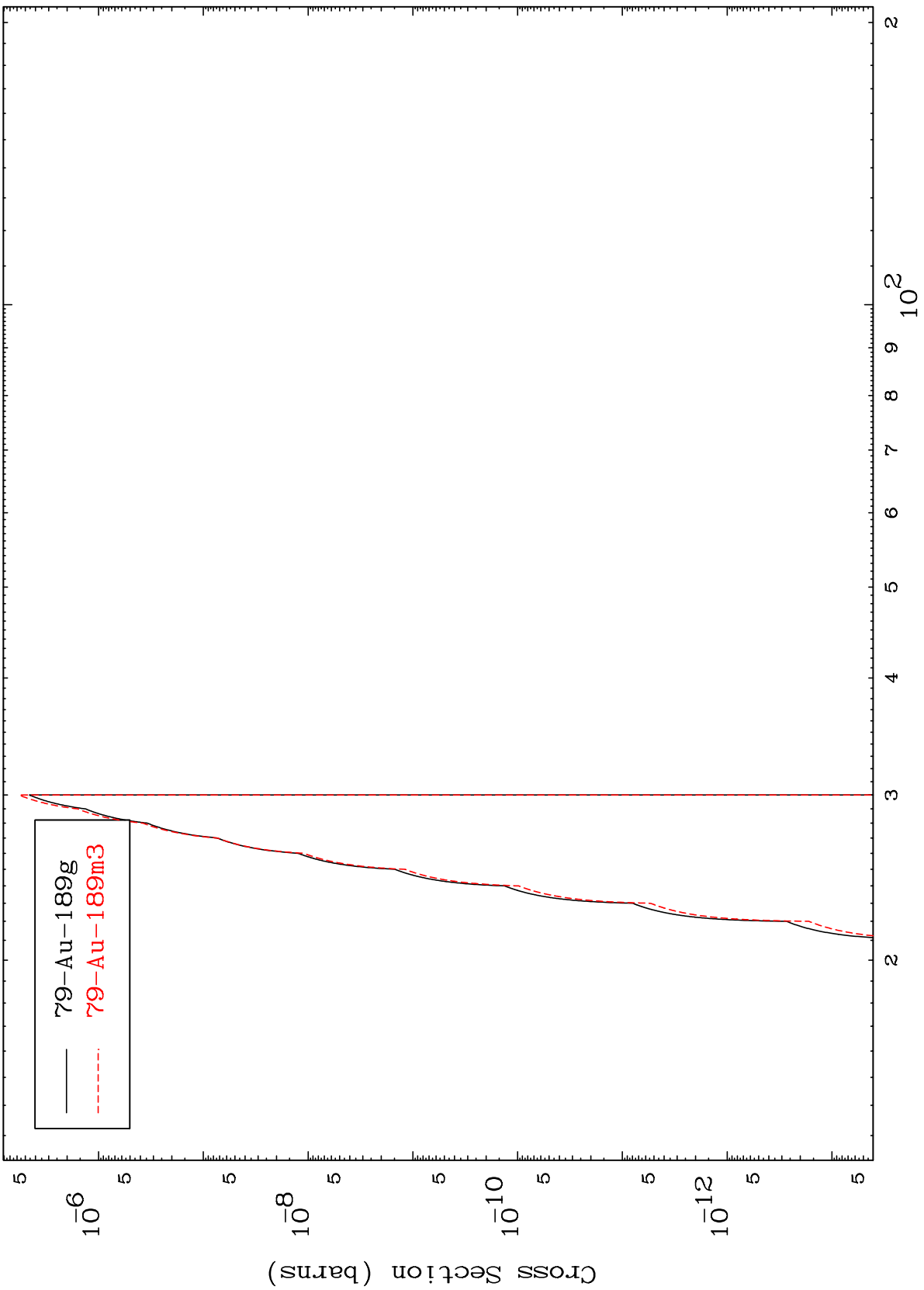


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(n,3n) α

81-Tl-195m

Radionuclide Production Cross Section

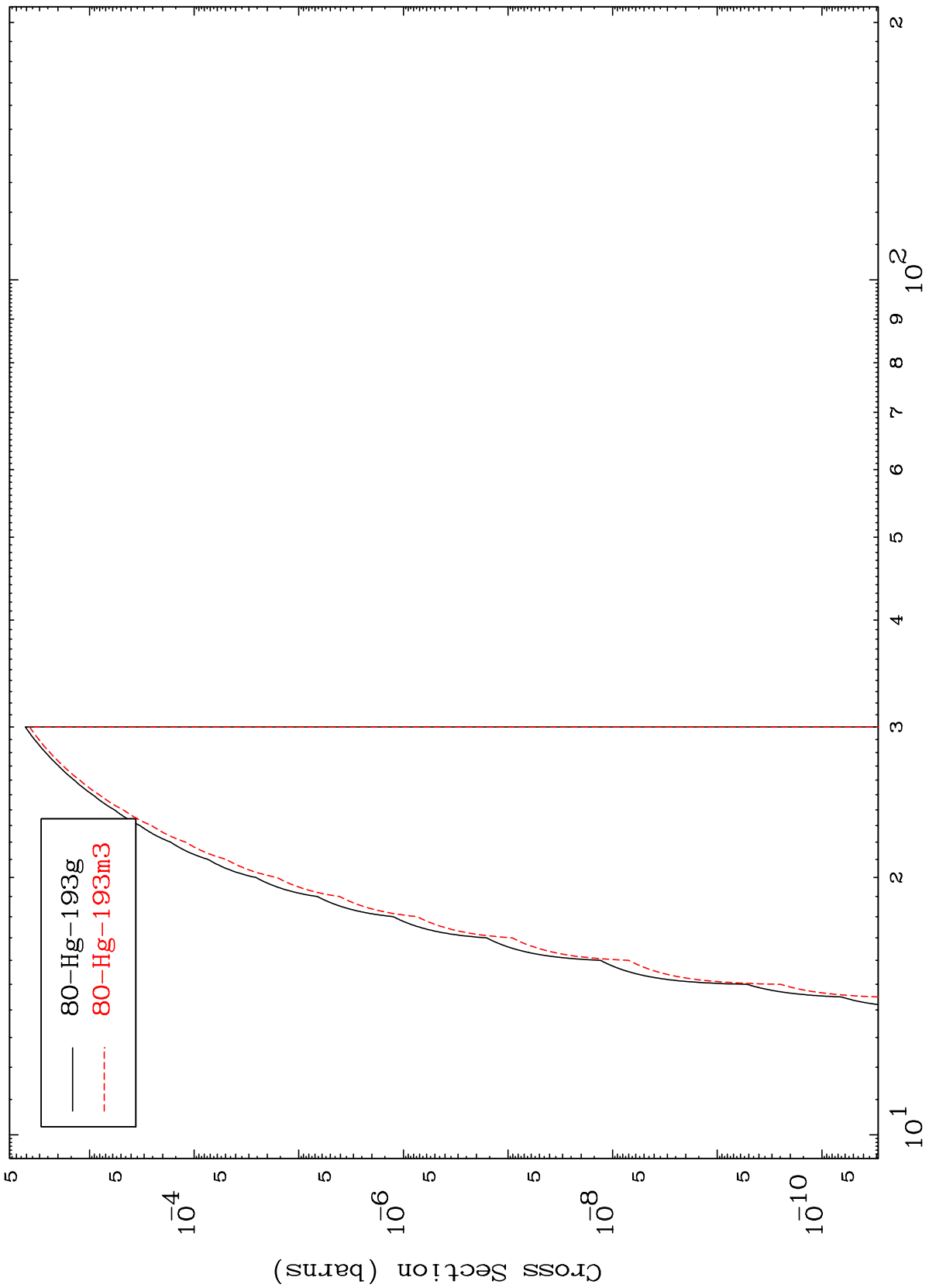


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(n,n') d

81-TI-195m

Radionuclide Production Cross Section



Incident Energy (MeV)

81-TI-195m

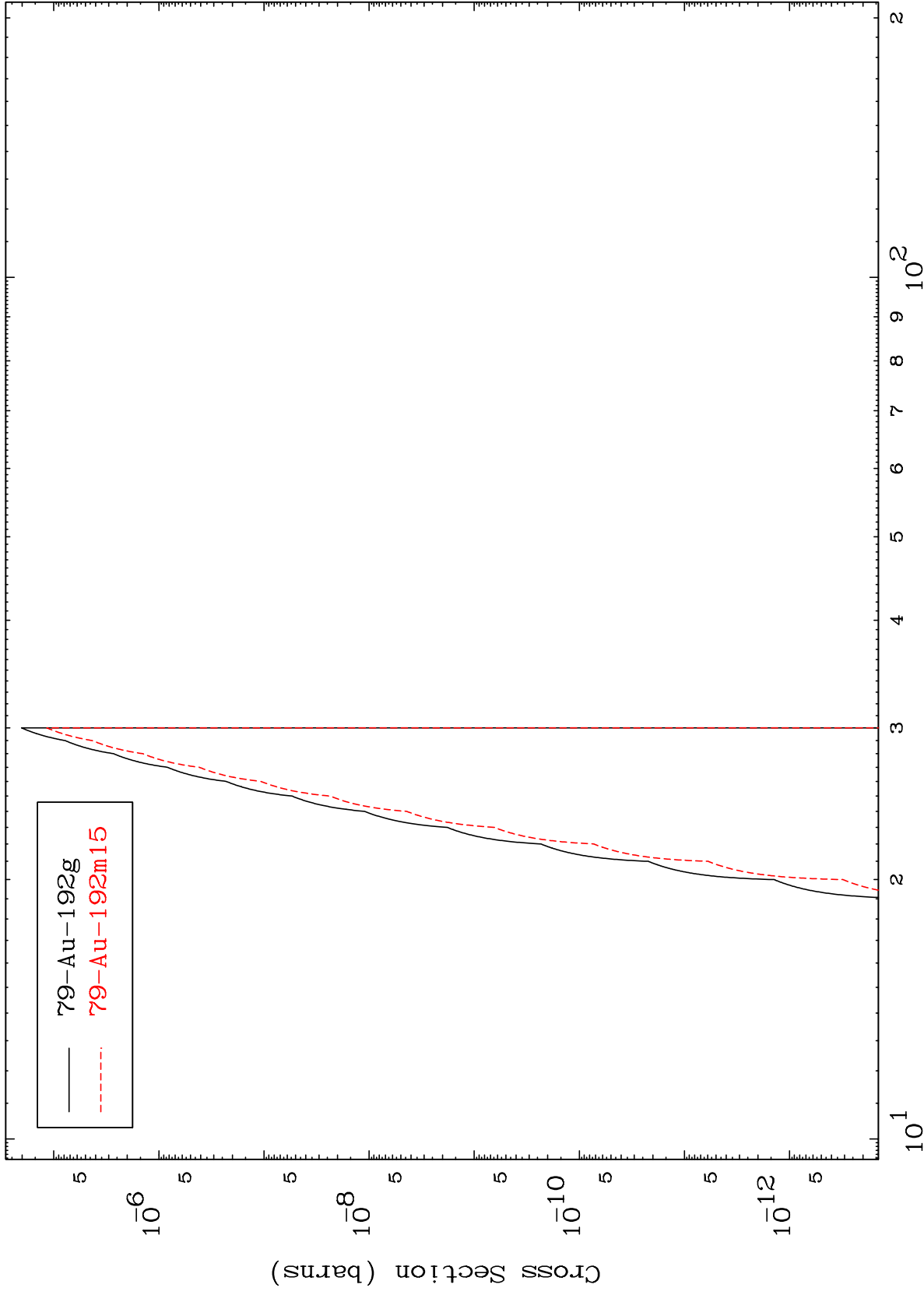
24

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(n,n') He-3

81-TI-195m

Radionuclide Production Cross Section



Incident Energy (MeV)

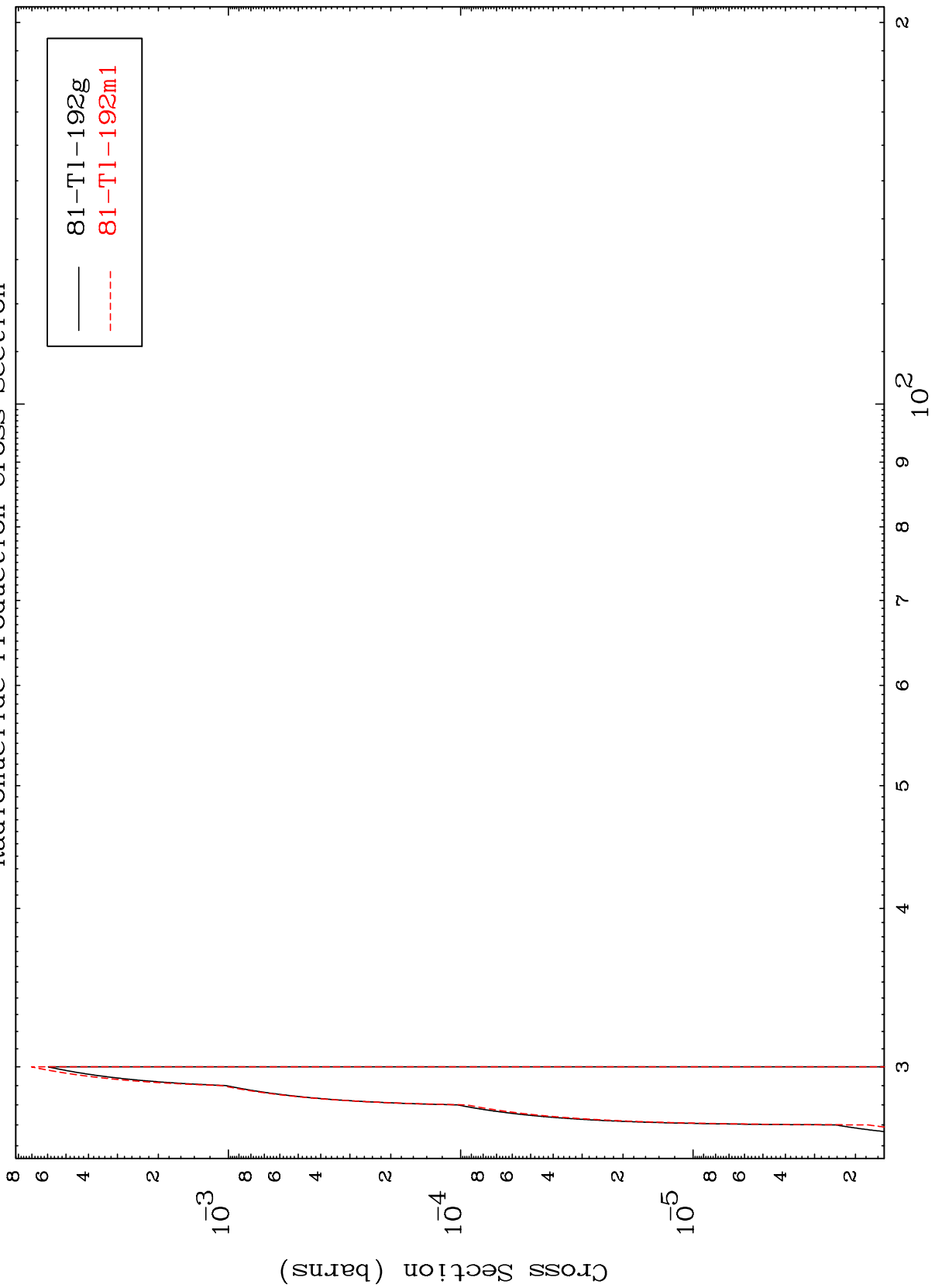
81-TI-195m

25

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81-Tl-195m

(n,4n)
Radionuclide Production Cross Section

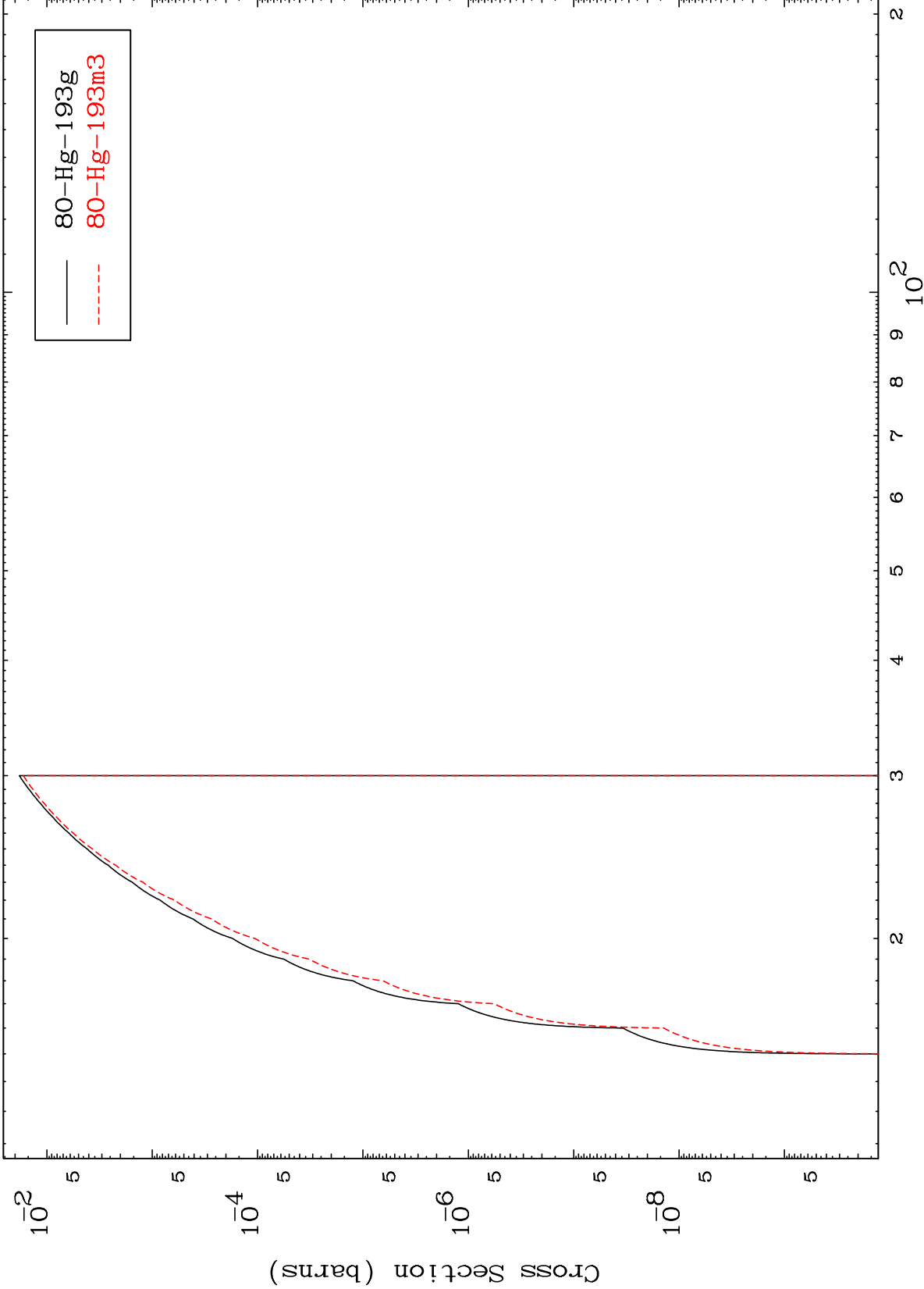


26

Incident Energy (MeV)

81-Tl-195m

Radionuclide Production Cross Section

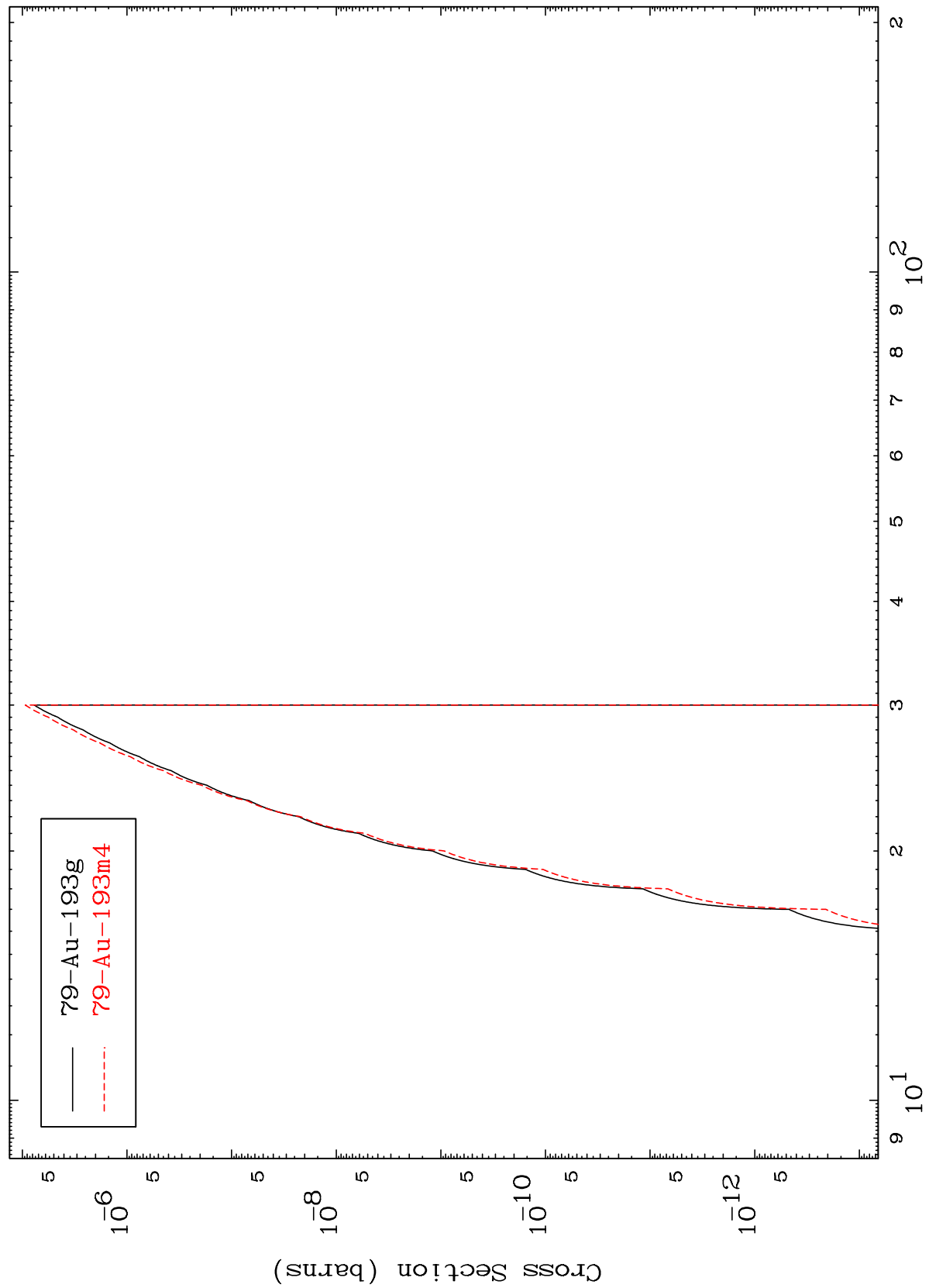


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(n,2n) p

81-Tl-195m

Radionuclide Production Cross Section



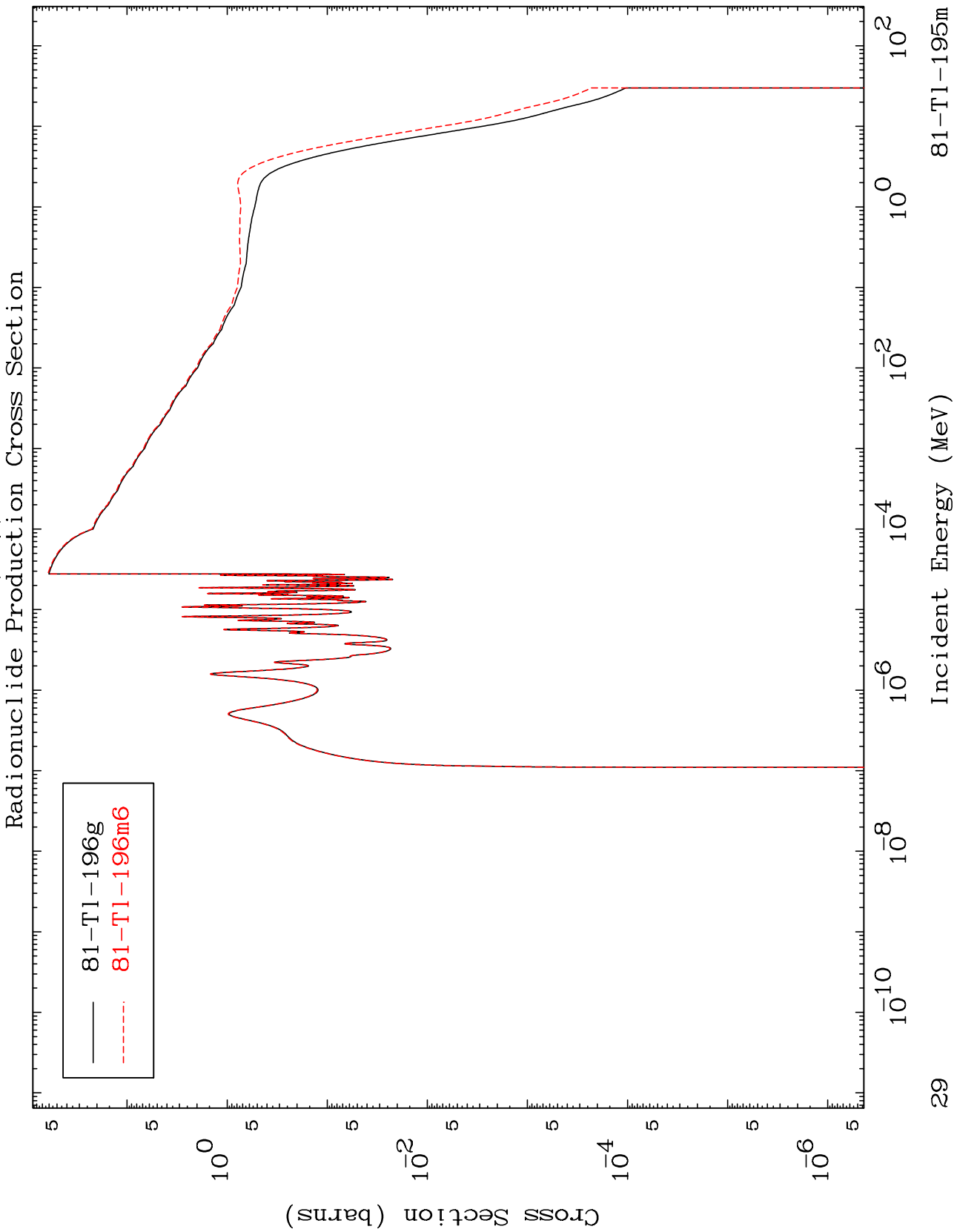
28

Incident Energy (MeV)

81-Tl-195m

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81-Tl-195m

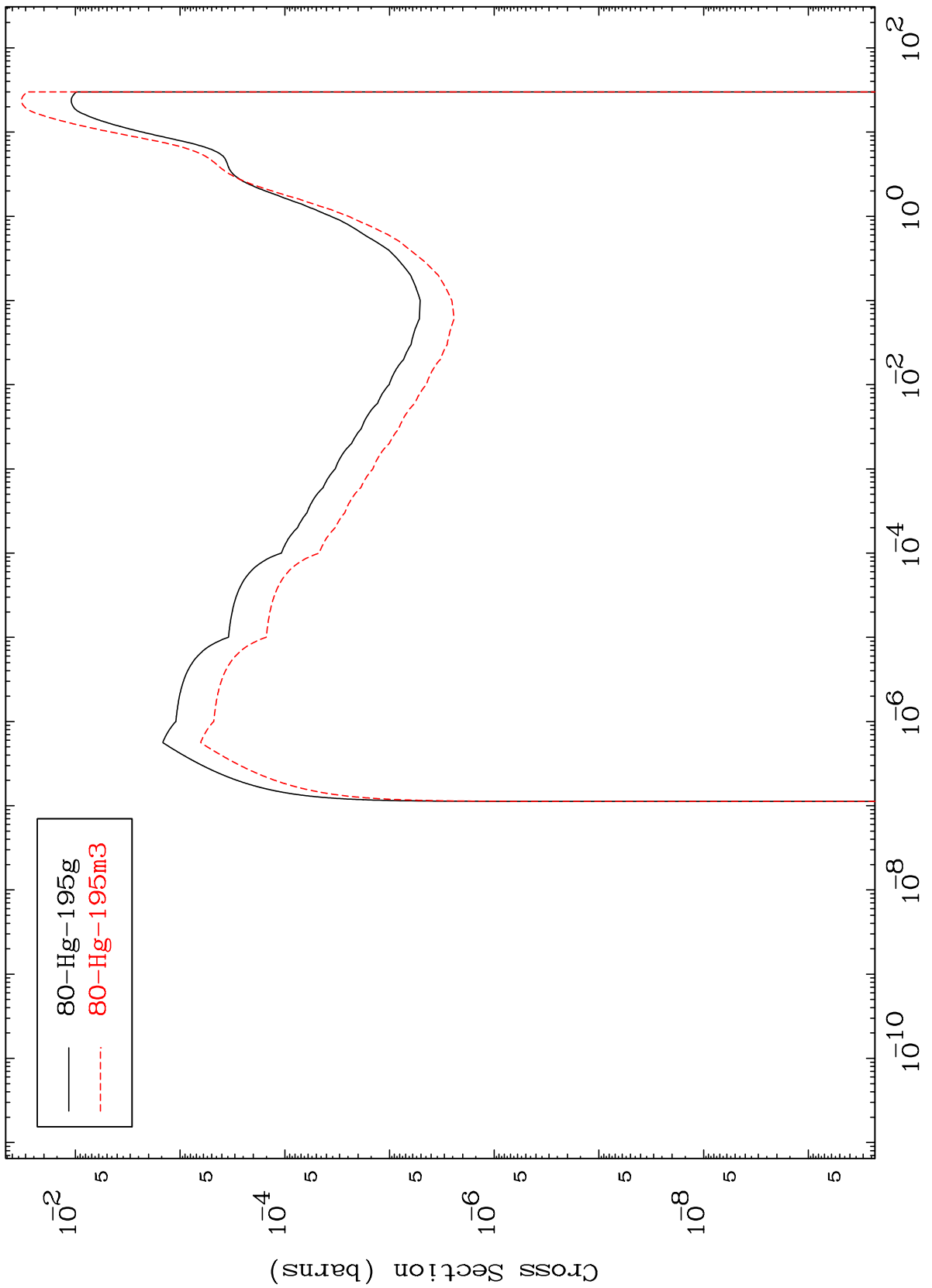


81-Tl-196g
81-Tl-196m6

MAT 8102

81-Tl-195m

(n,p)
Radionuclide Production Cross Section



— 80-Hg-195g
- - - 80-Hg-195m3

81-Tl-195m

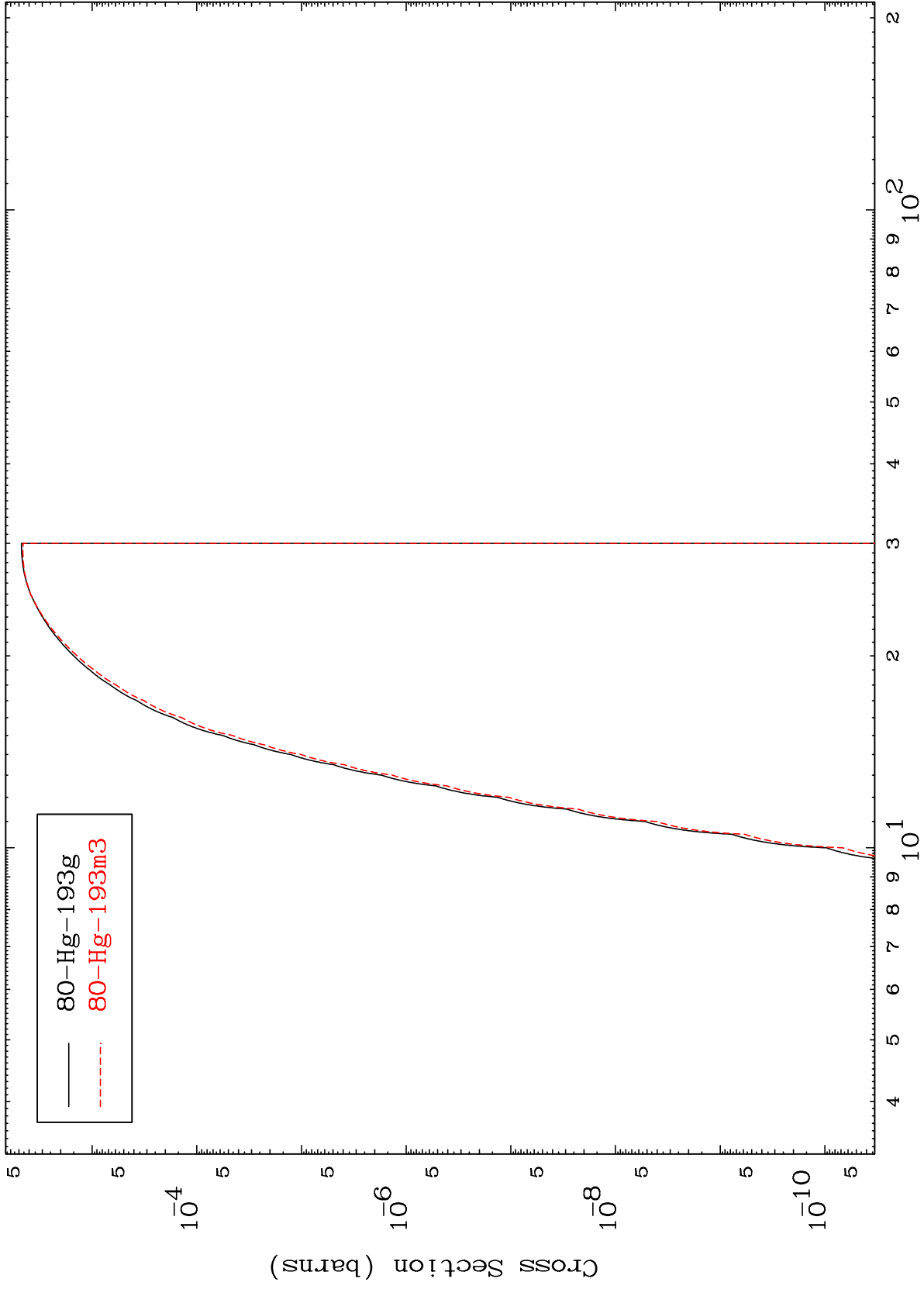
Incident Energy (MeV)

30

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81-TI-195m

(n, t)
Radionuclide Production Cross Section



31

81-TI-195m

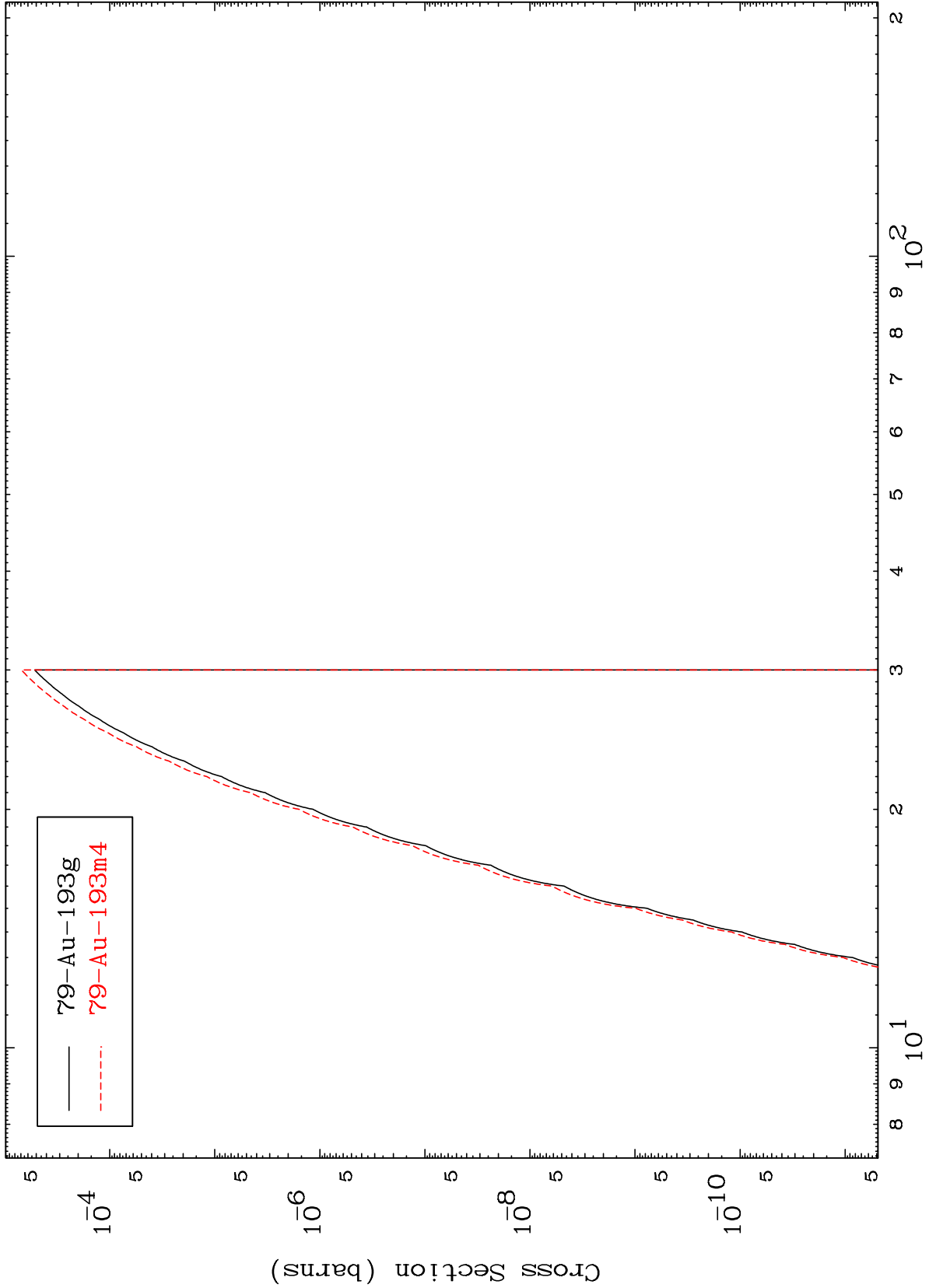
Incident Energy (MeV)

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(n,He-3)

81-Tl-195m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

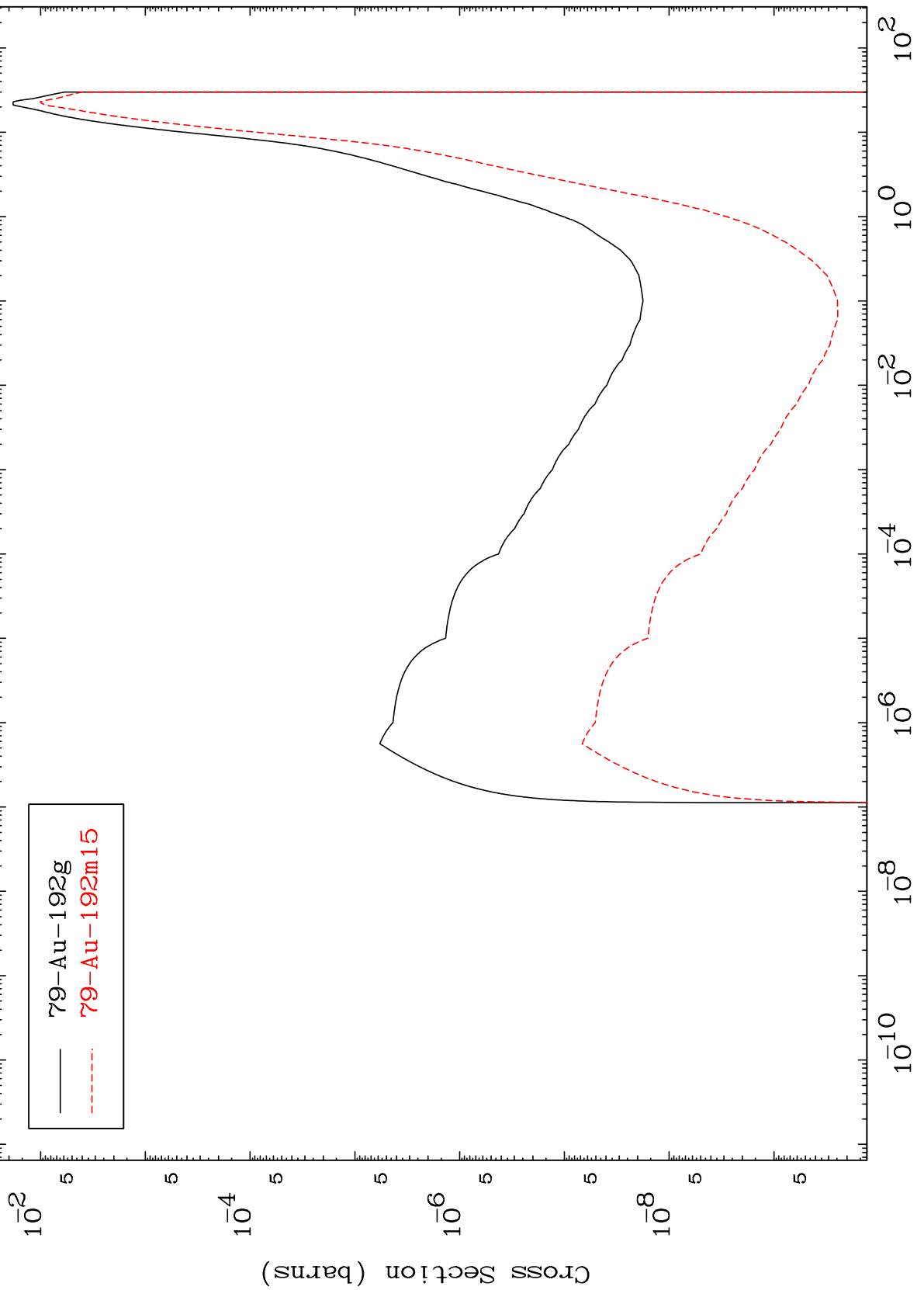
81-Tl-195m

MAT 8102

(n, α)

81-Tl-195m

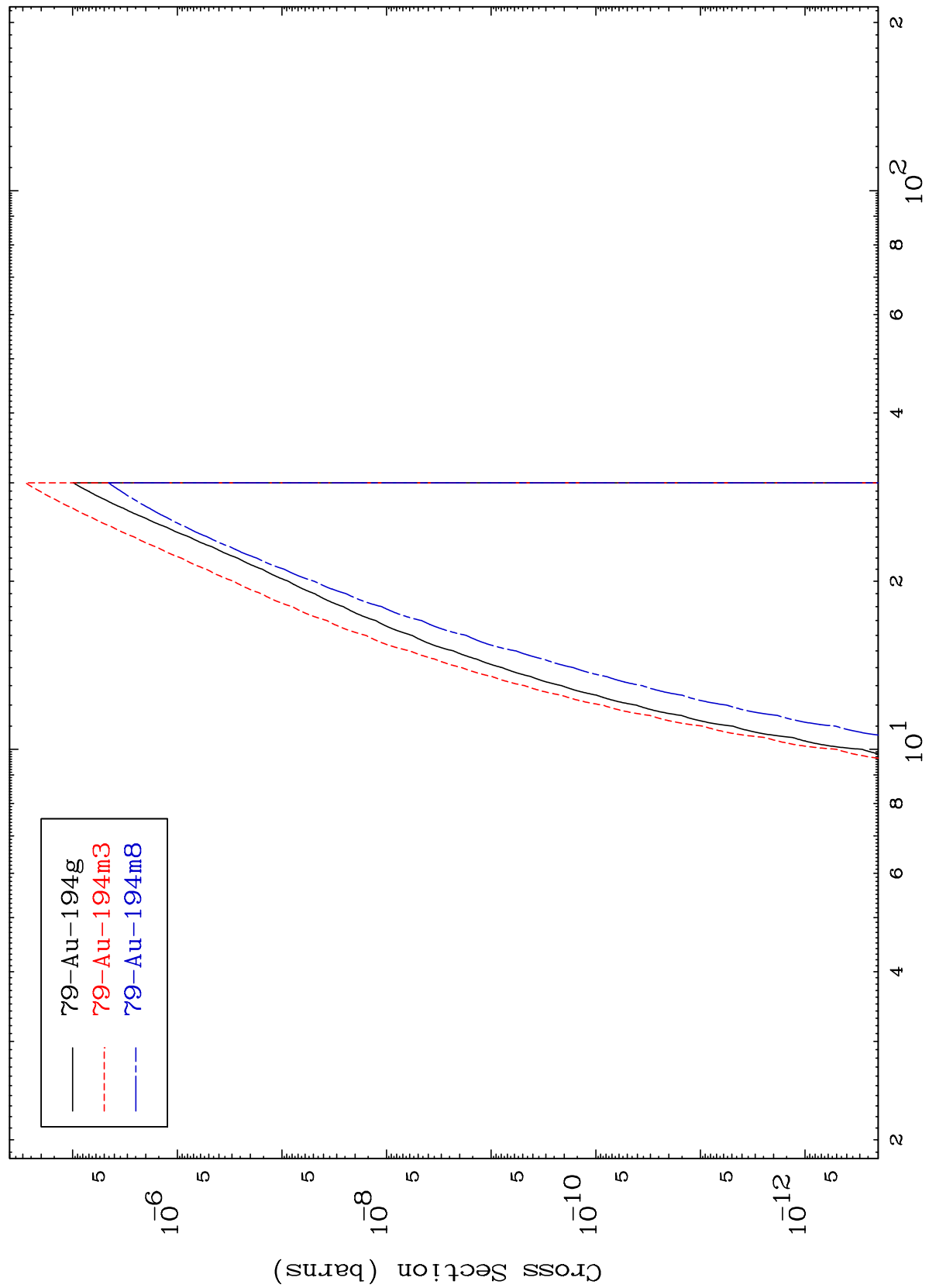
Radionuclide Production Cross Section



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81-Tl-195m

(n,2p)
Radionuclide Production Cross Section



34

81-Tl-195m

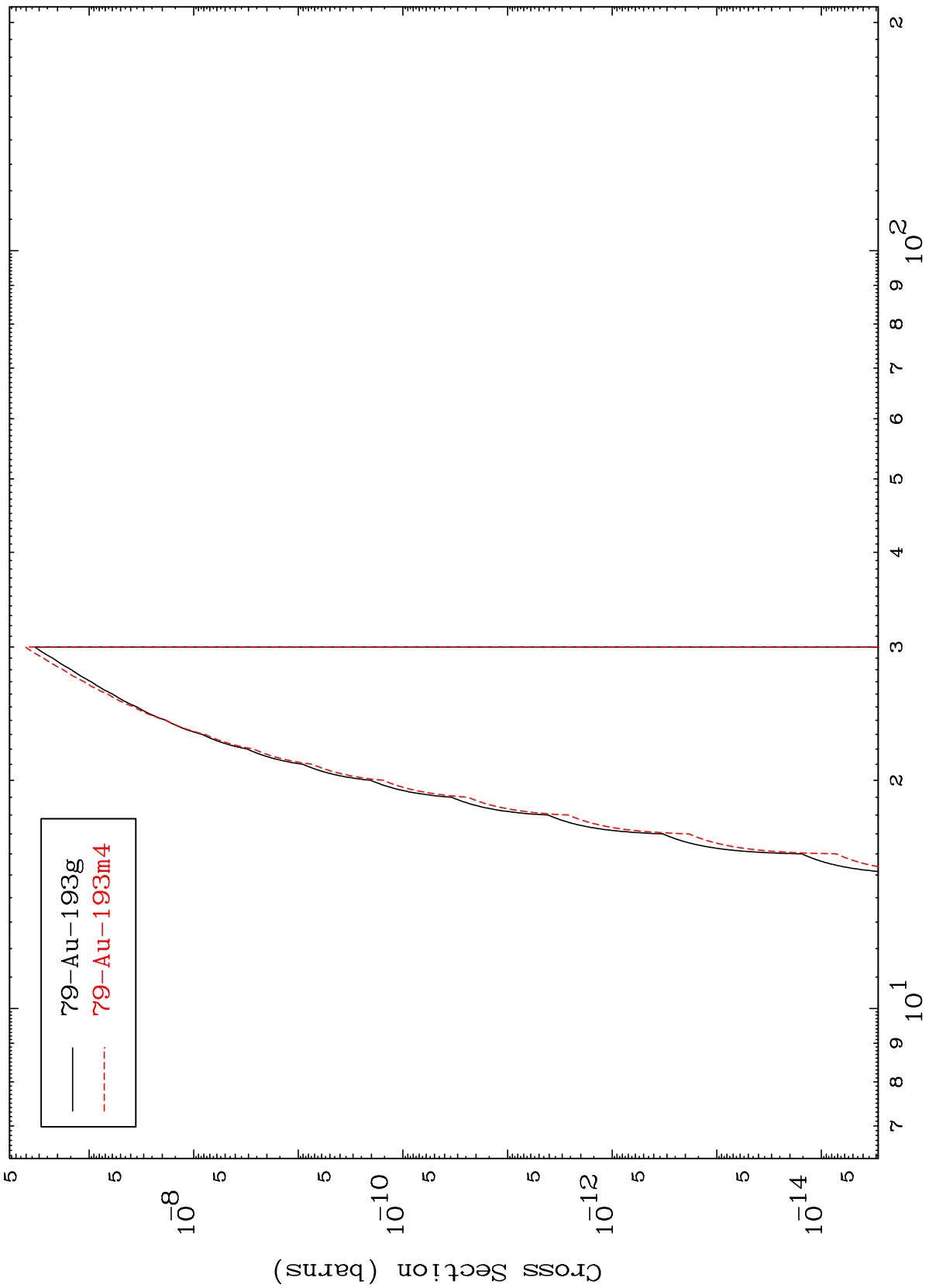
Incident Energy (MeV)

MAT 8102

(n,p) d

81-Tl-195m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

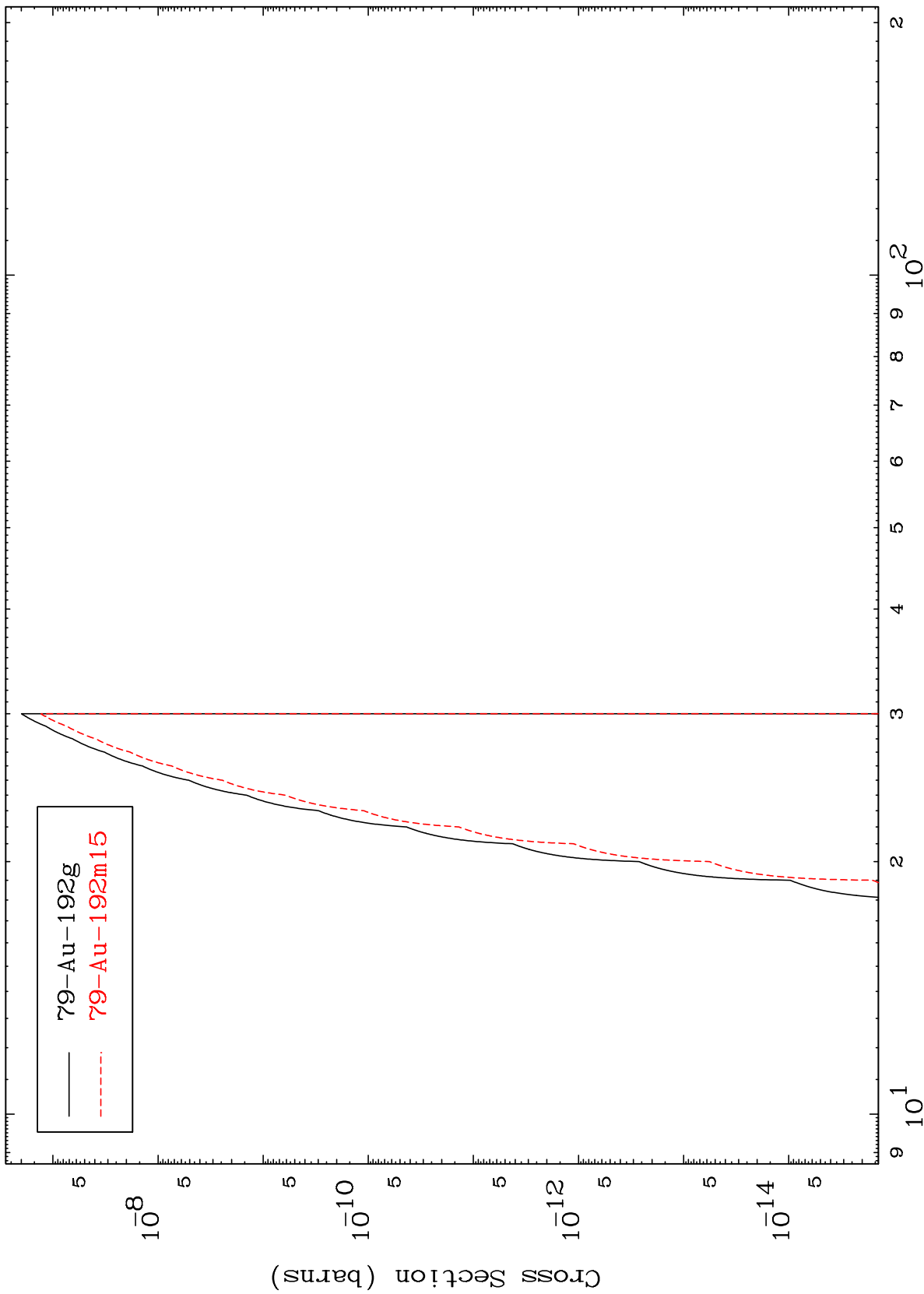
81-Tl-195m

MAT 8102

(n,p) t

81-Tl-195m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

81-Tl-195m