

Program EVALPLOT
(Version 2017-1)

by

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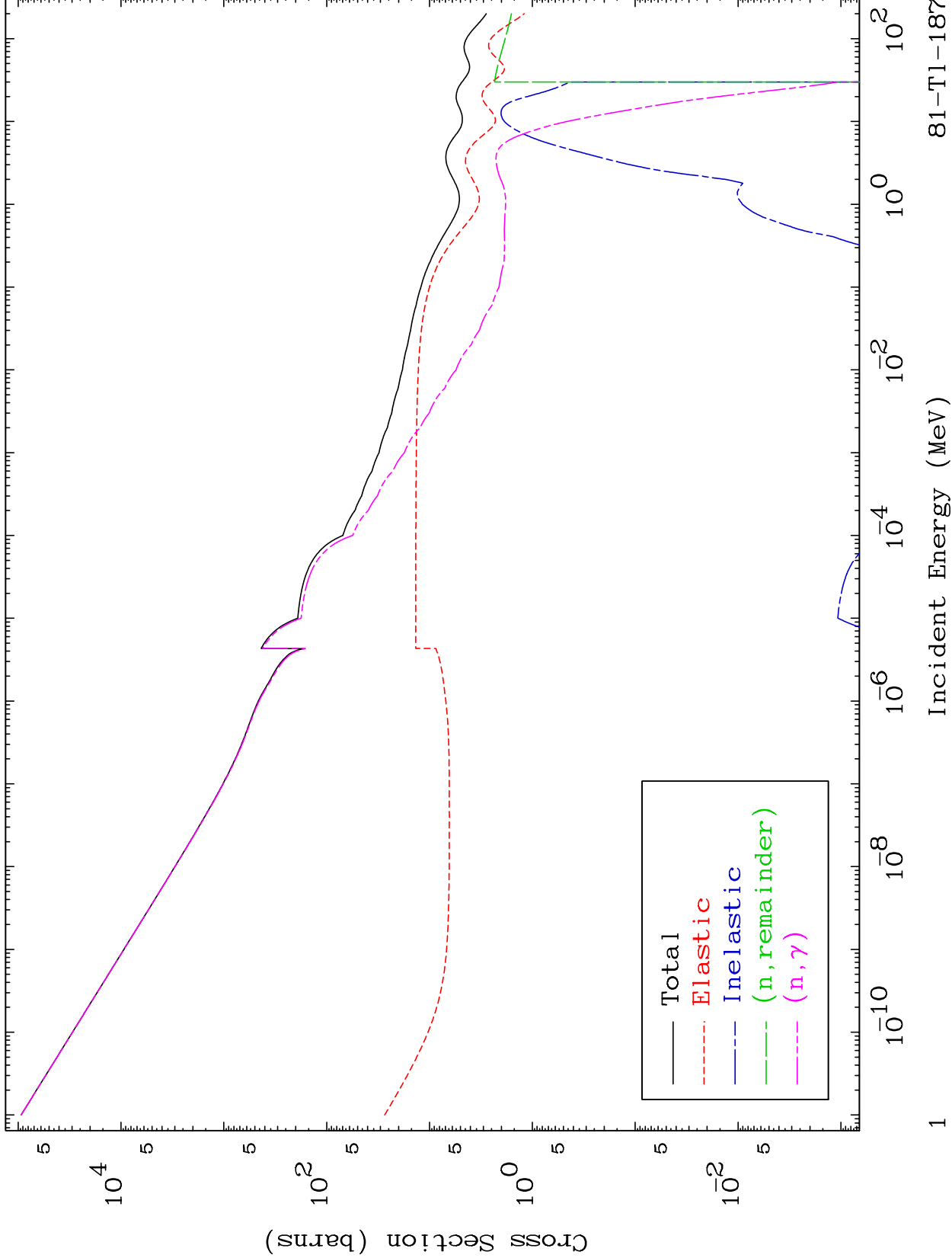
Press Mouse Button to Start

MAT 8078

Major

293 Kelvin Cross Sections

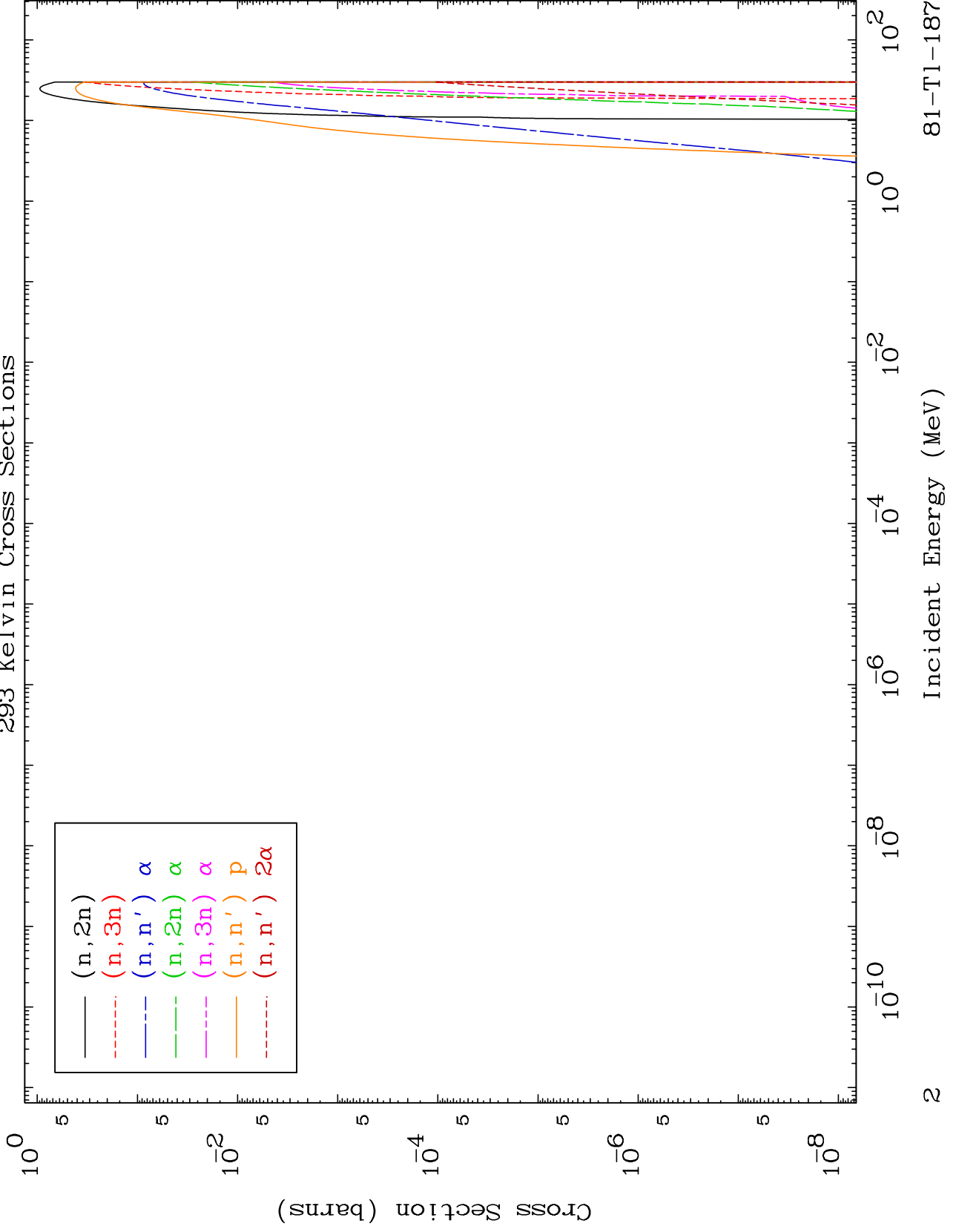
81-Tl-187



MAT 8078

Neutron Production
293 Kelvin Cross Sections

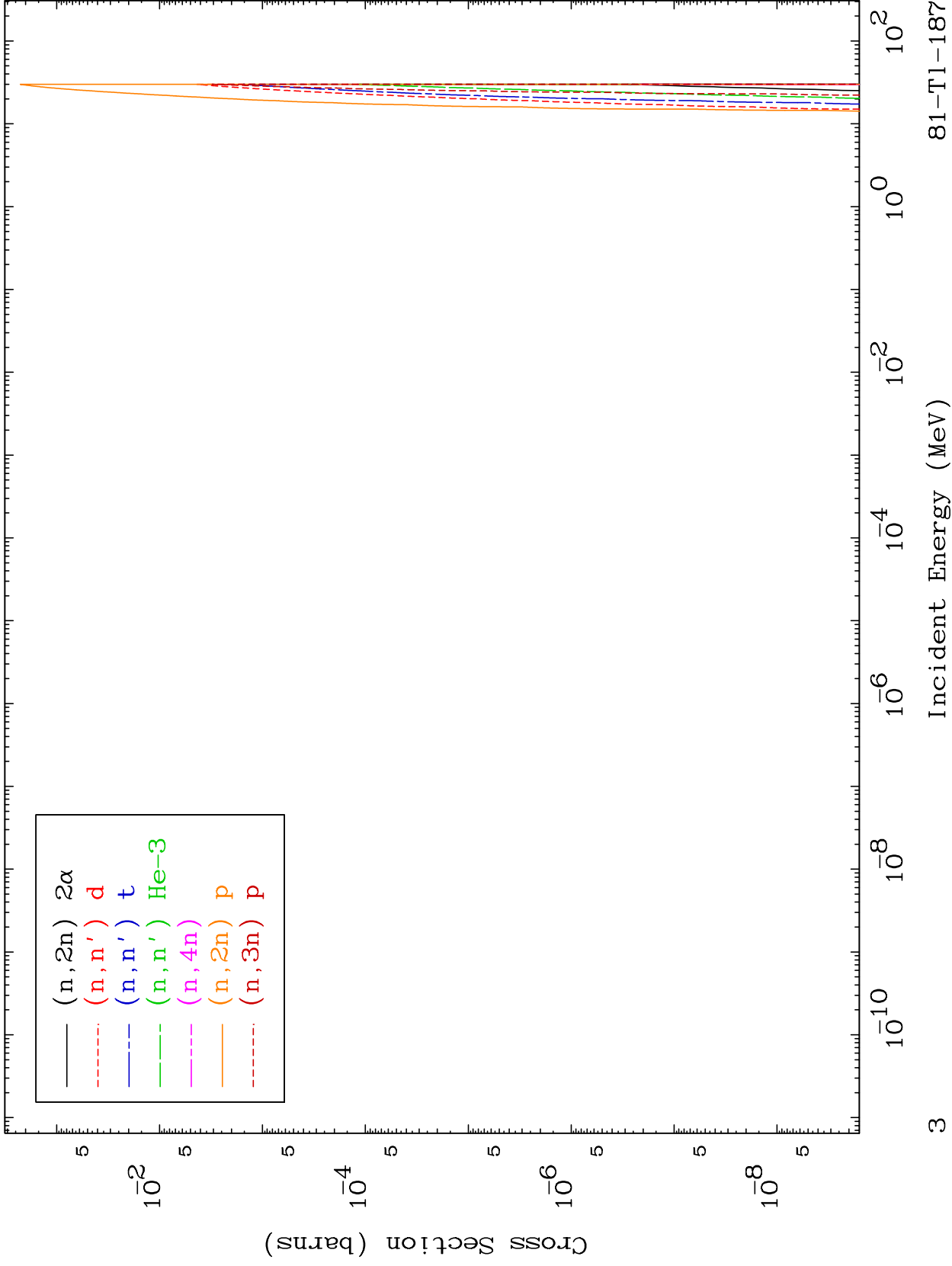
81-Tl-187



MAT 8078

Neutron Production
293 Kelvin Cross Sections

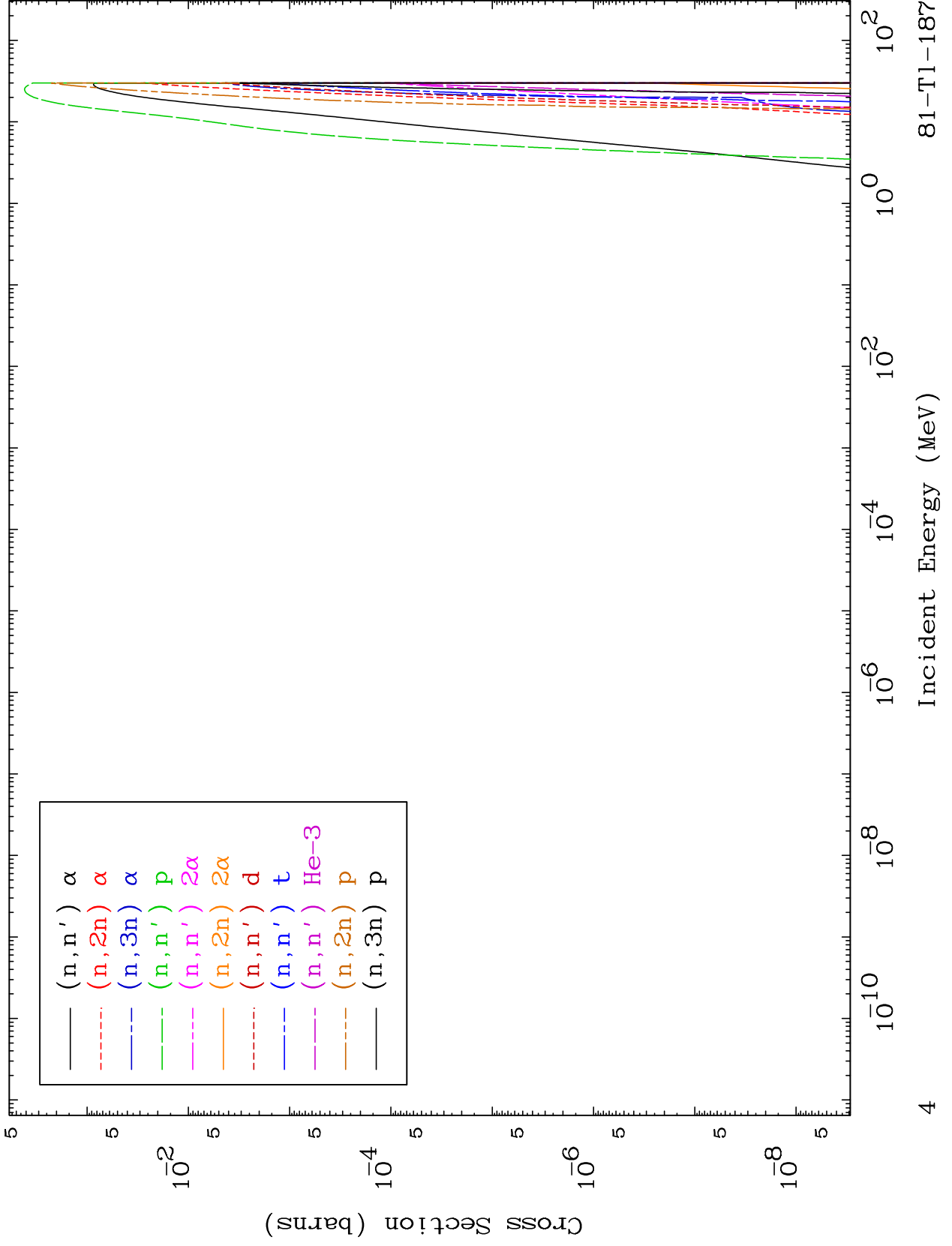
81-Tl-187



MAT 8078

Charged Particle
293 Kelvin Cross Sections

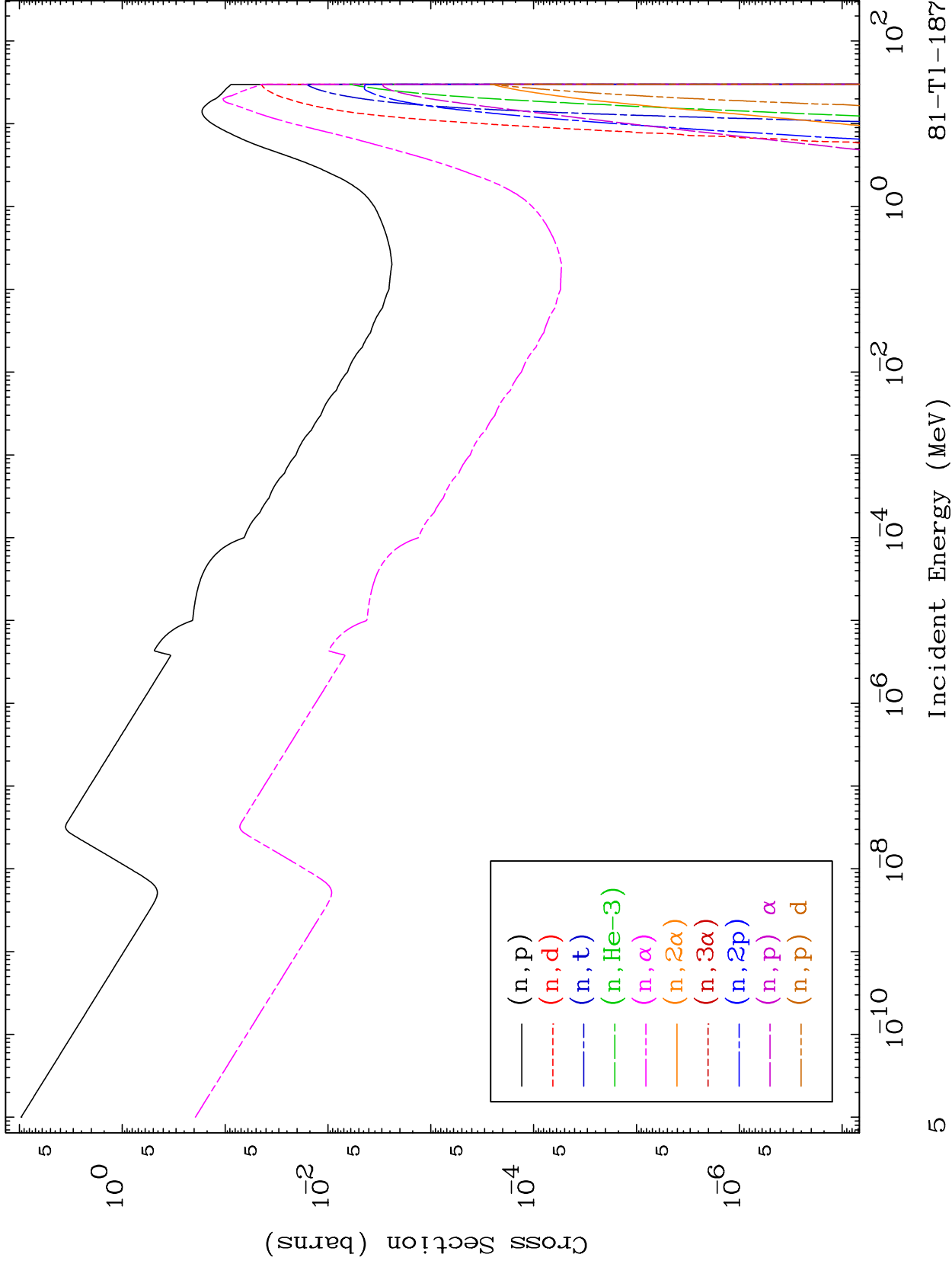
81-Tl-187

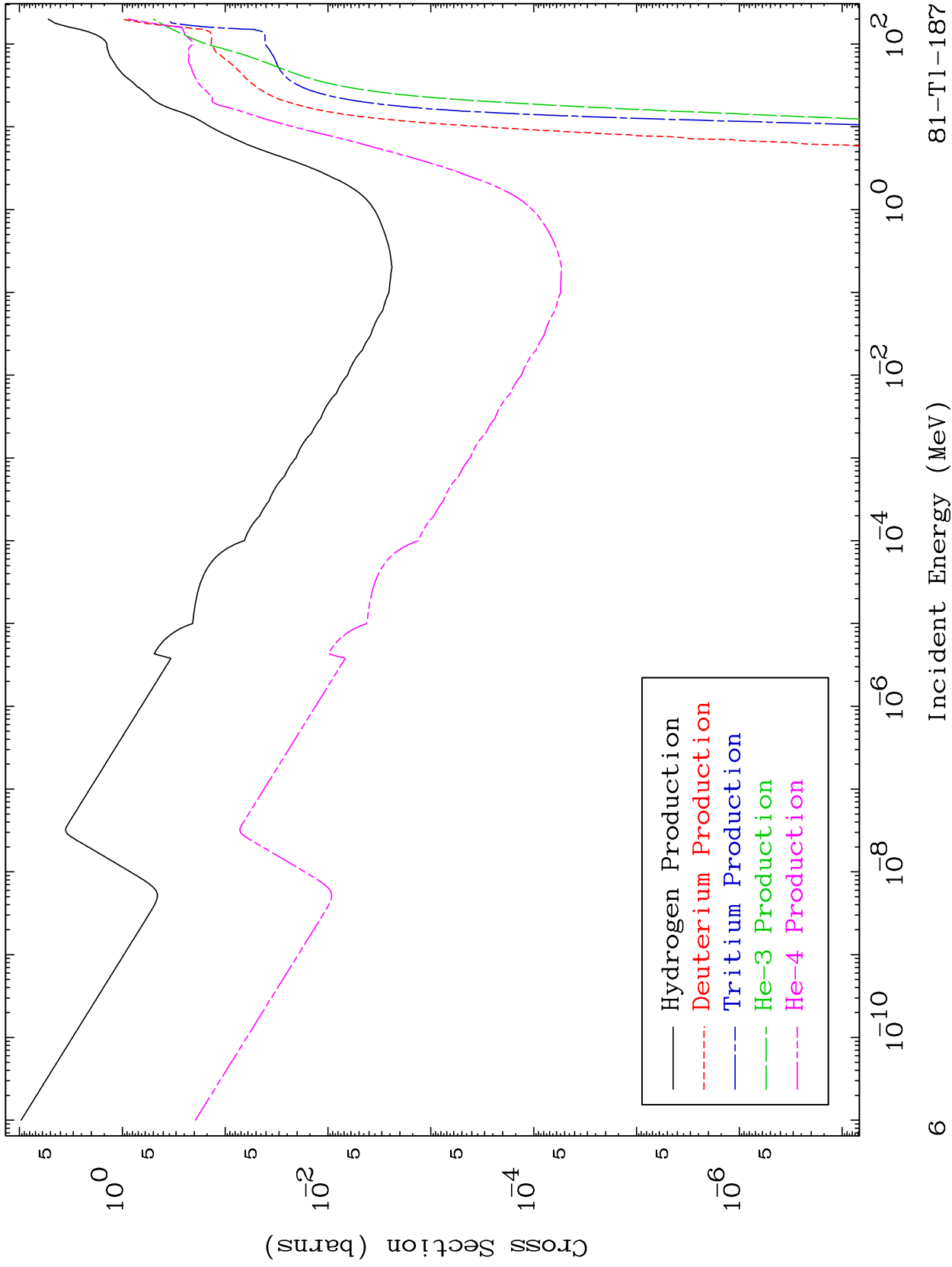


MAT 8078

Charged Particle
293 Kelvin Cross Sections

81-Tl-187



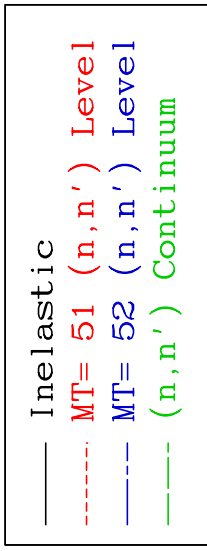
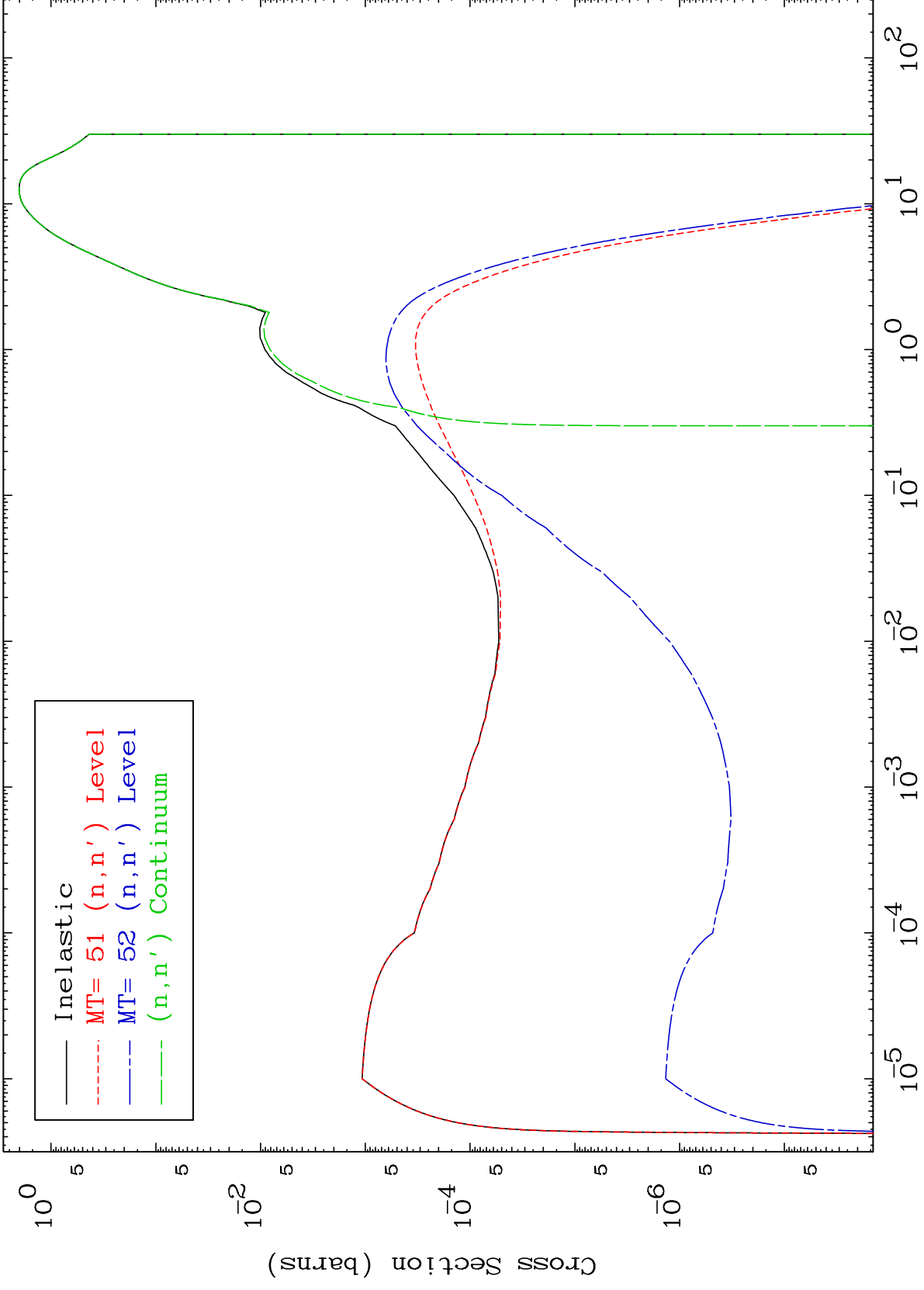


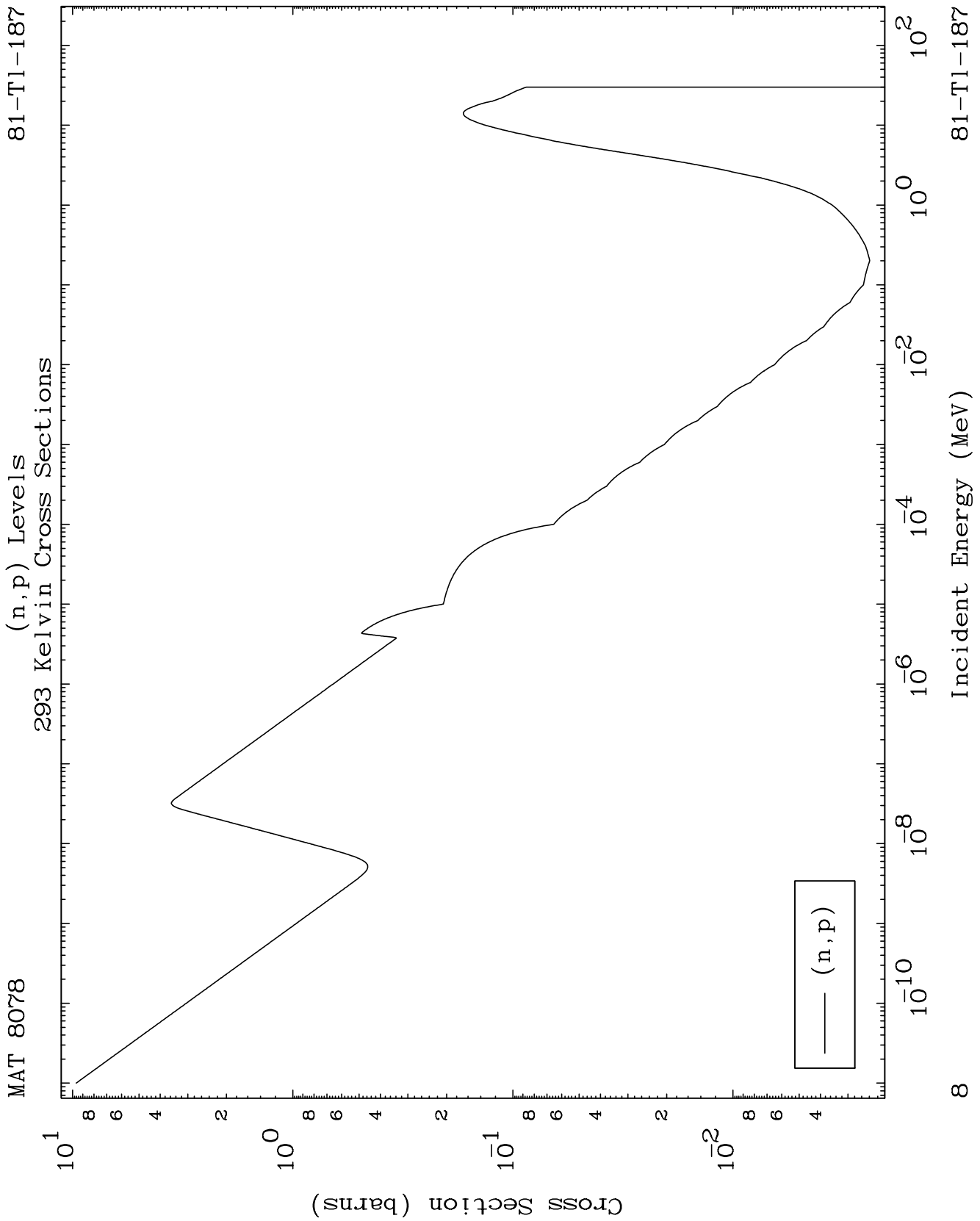
MAT 8078

(n,n') Level

81-Tl-187

293 Kelvin Cross Sections

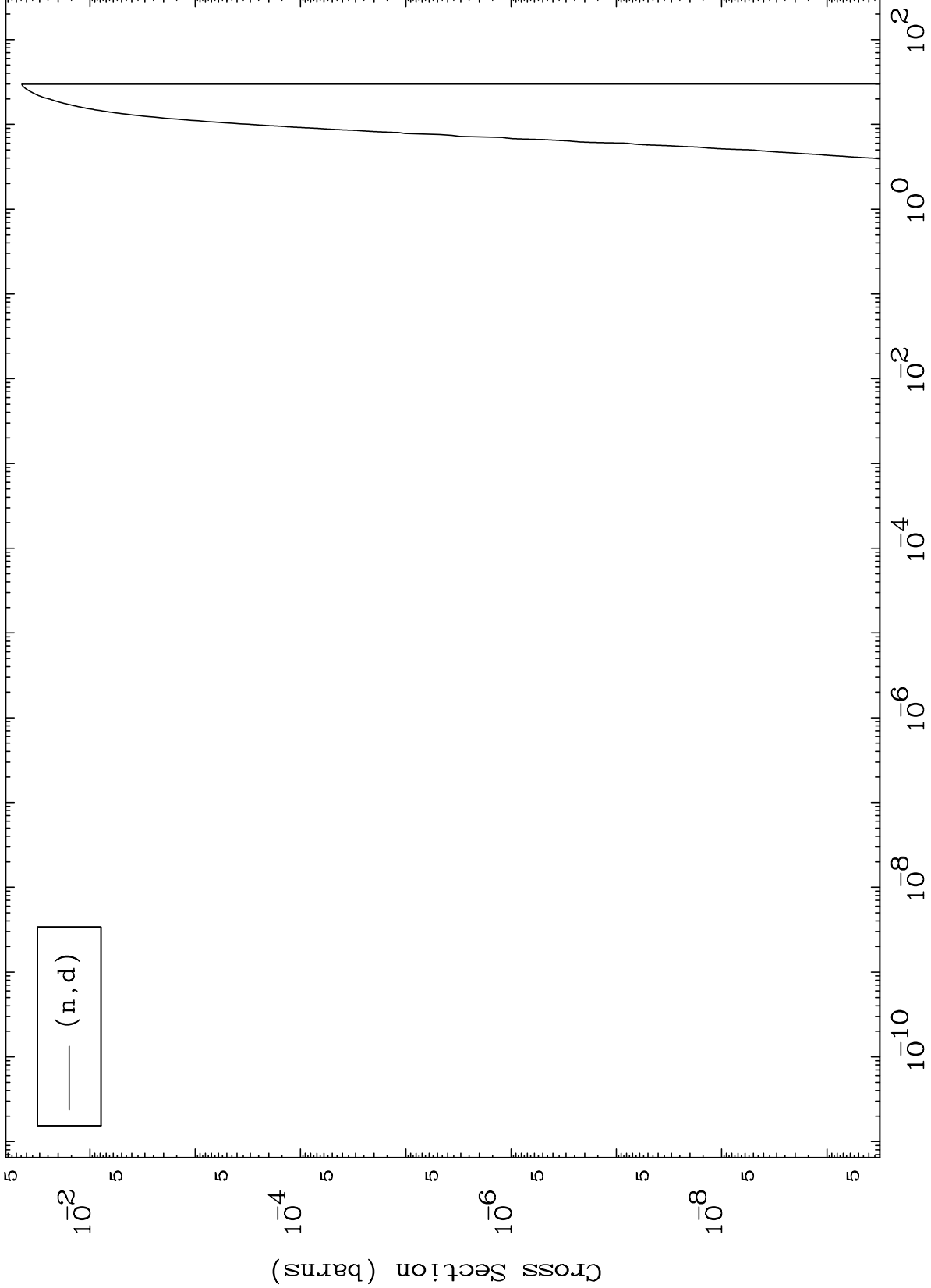




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(n,d) Levels
293 Kelvin Cross Sections

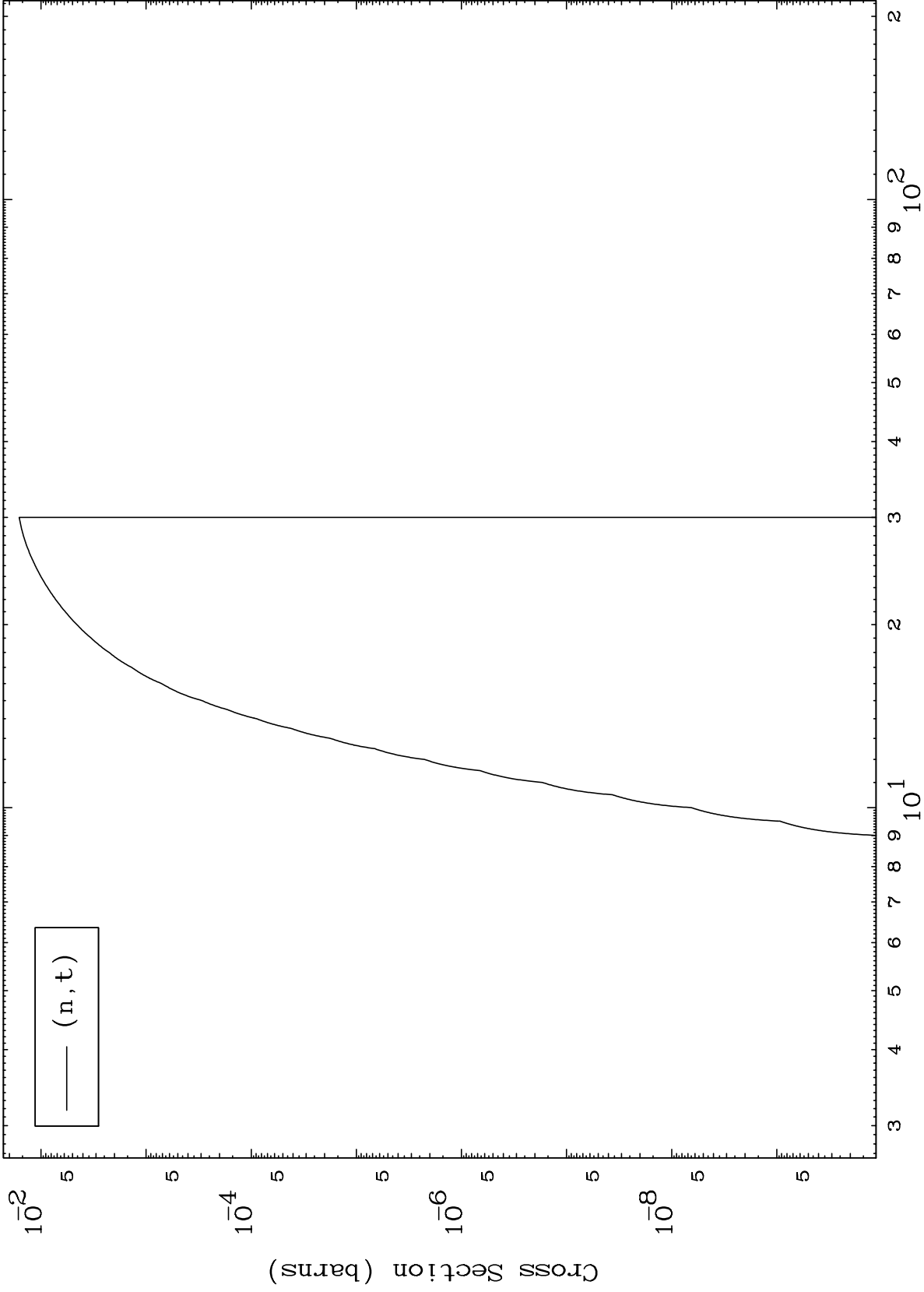
81-Tl-187



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(n,t) Levels
293 Kelvin Cross Sections

81-Tl-187



10

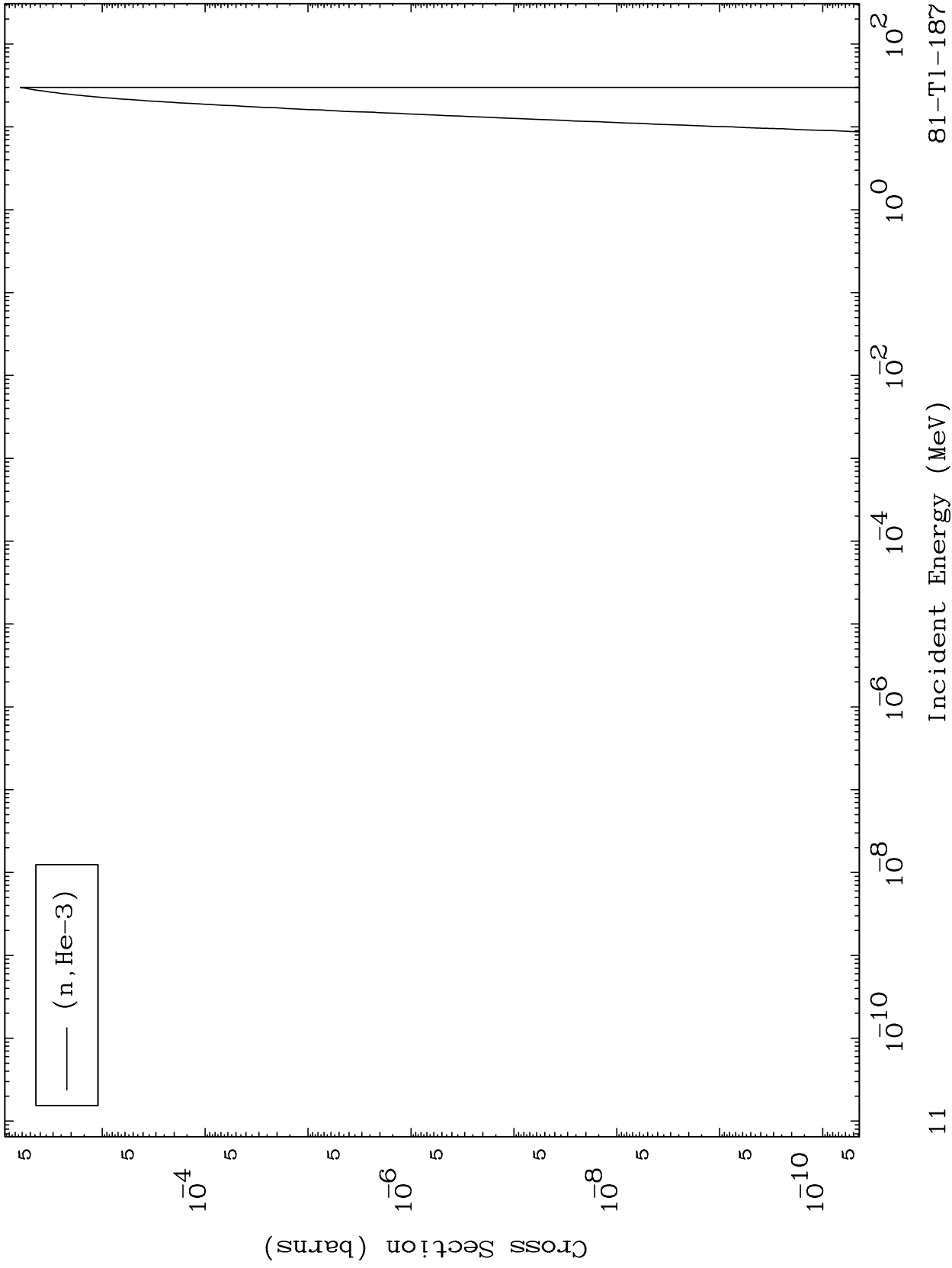
Incident Energy (MeV)

81-Tl-187

MAT 8078

(n,He3) Levels
293 Kelvin Cross Sections

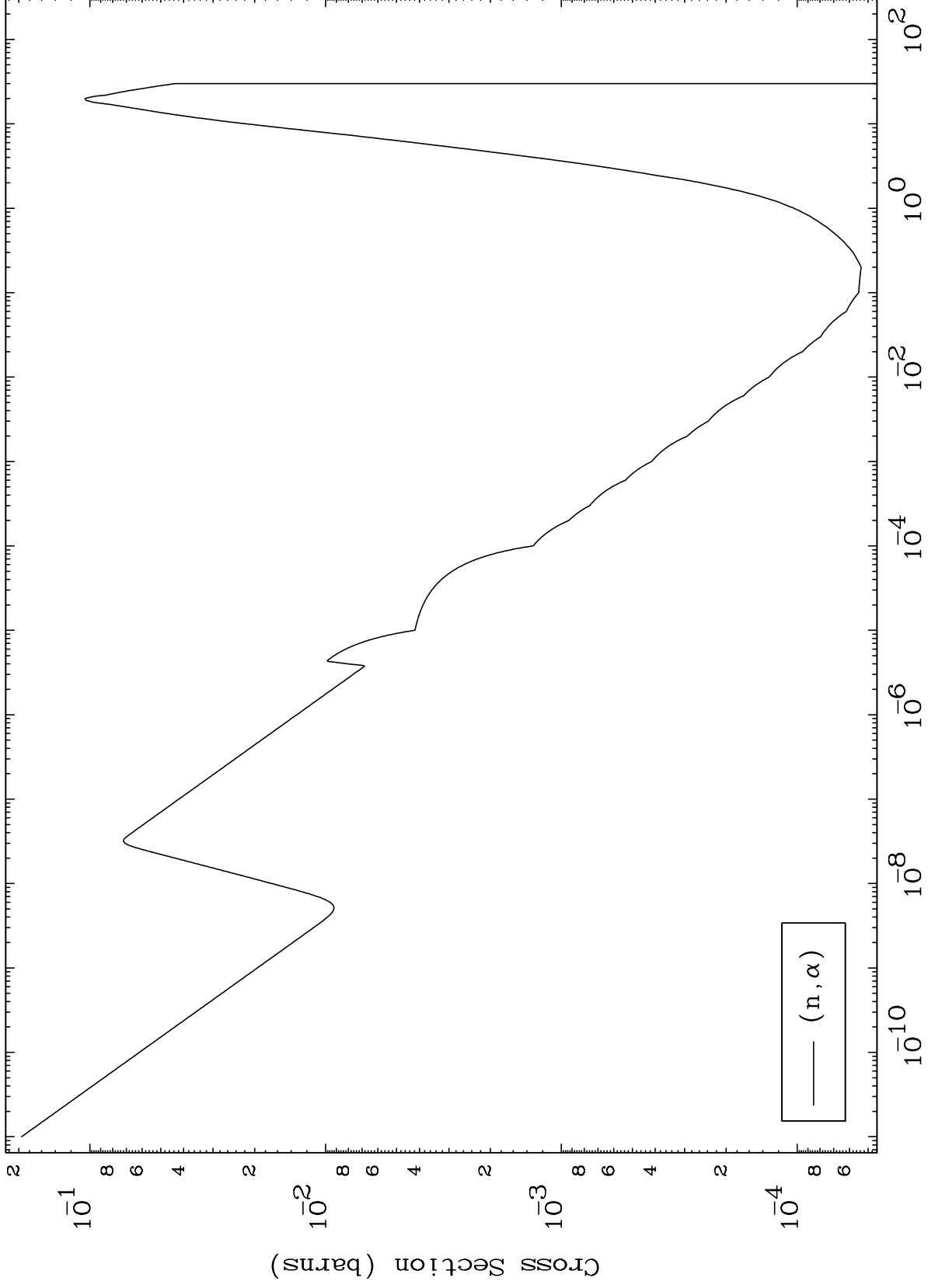
81-Tl-187



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(n,α) Levels
293 Kelvin Cross Sections

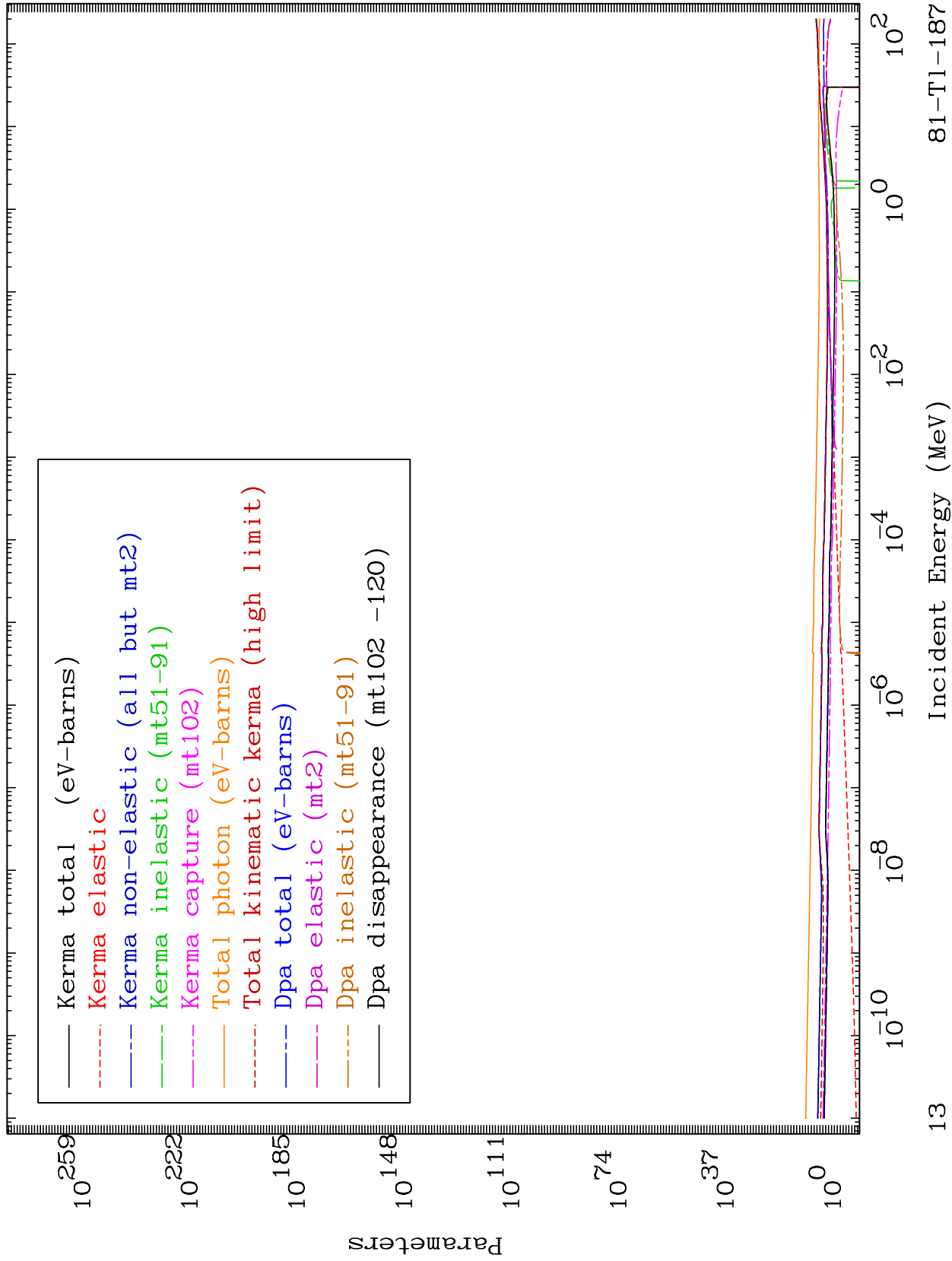
81-Tl-187



12

Incident Energy (MeV)

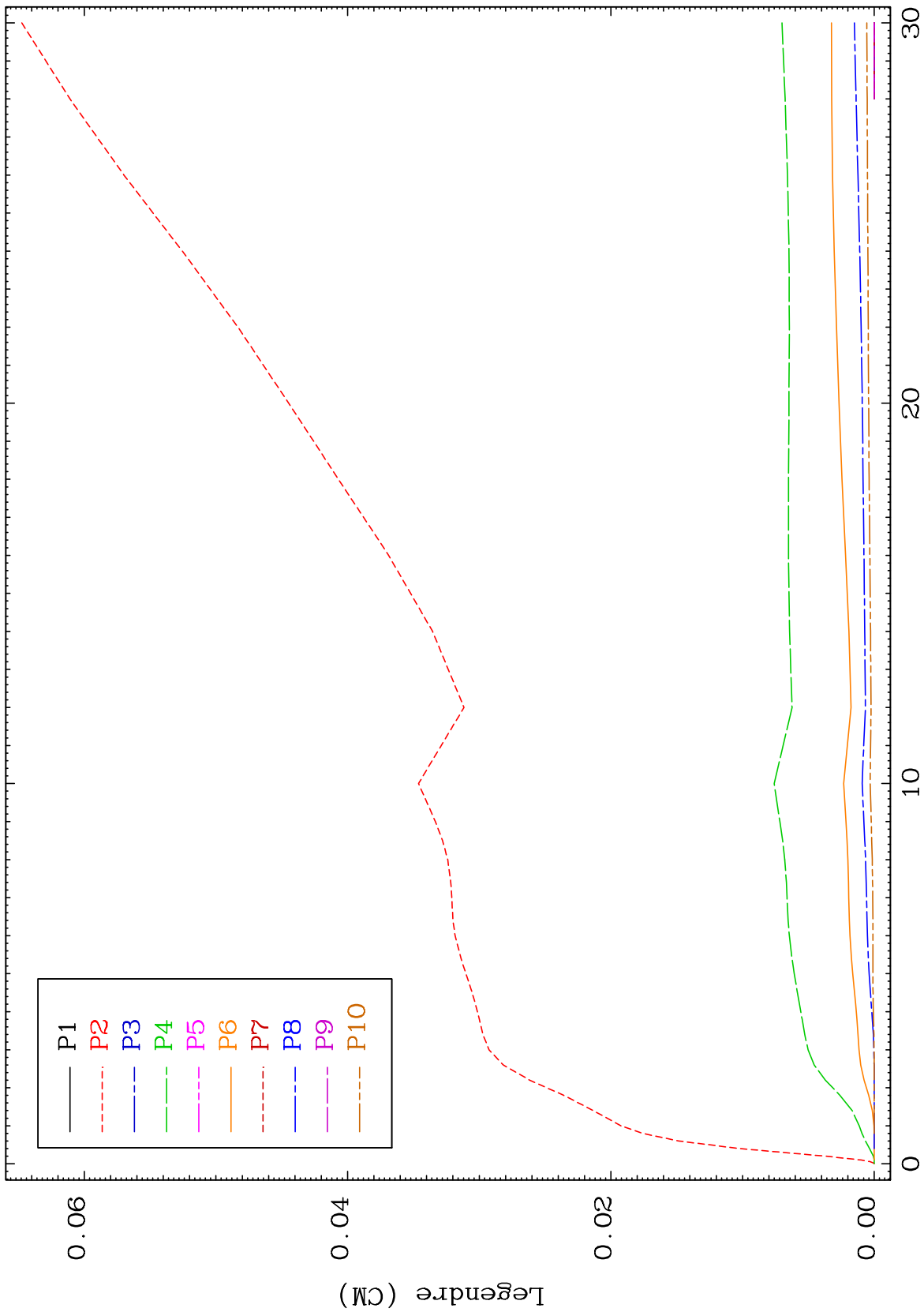
81-Tl-187



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Elastic
Legendre Coefficients

81-T1-187



14

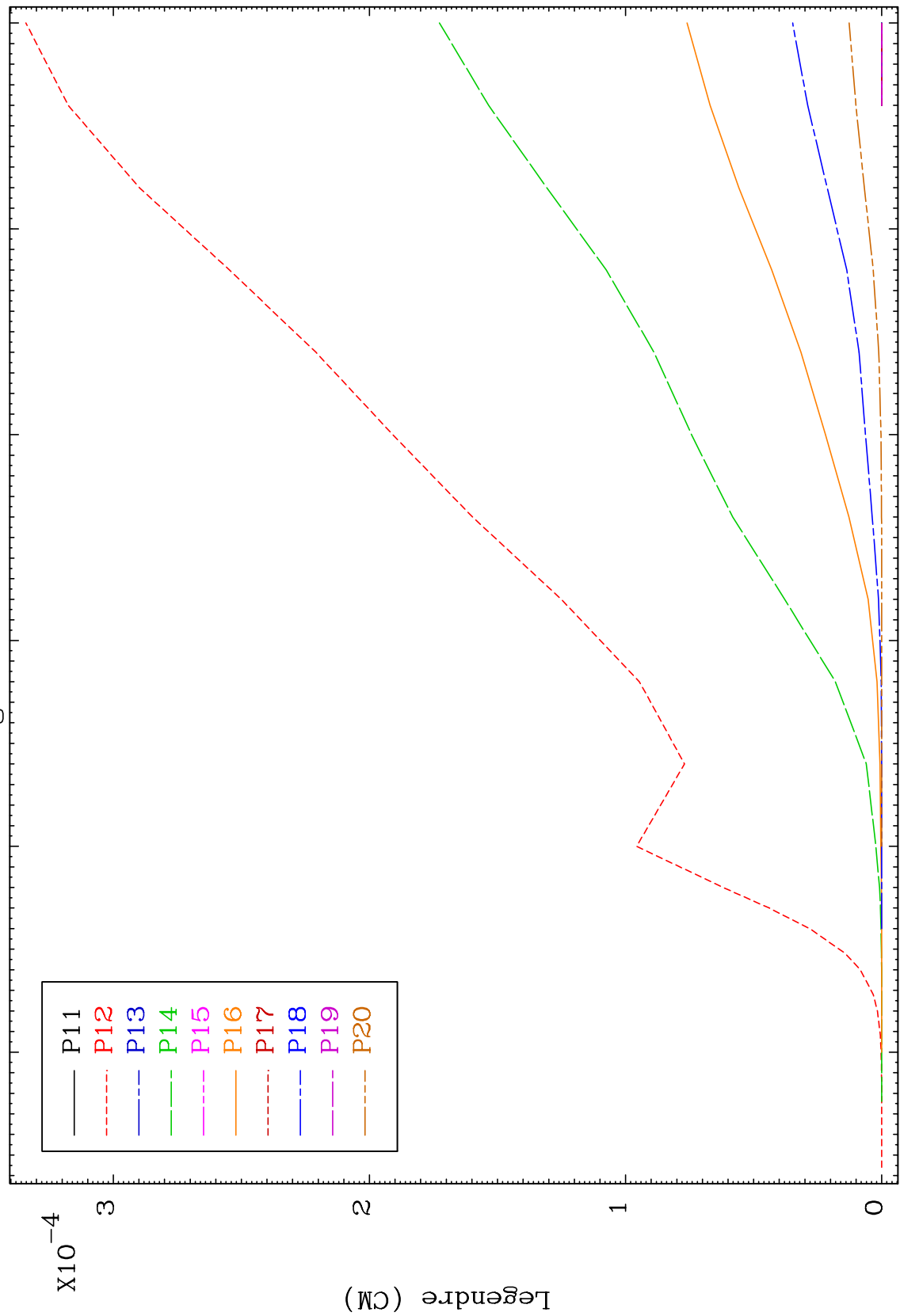
Incident Energy (MeV)

81-T1-187

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Elastic Legendre Coefficients

81-Tl-187



15

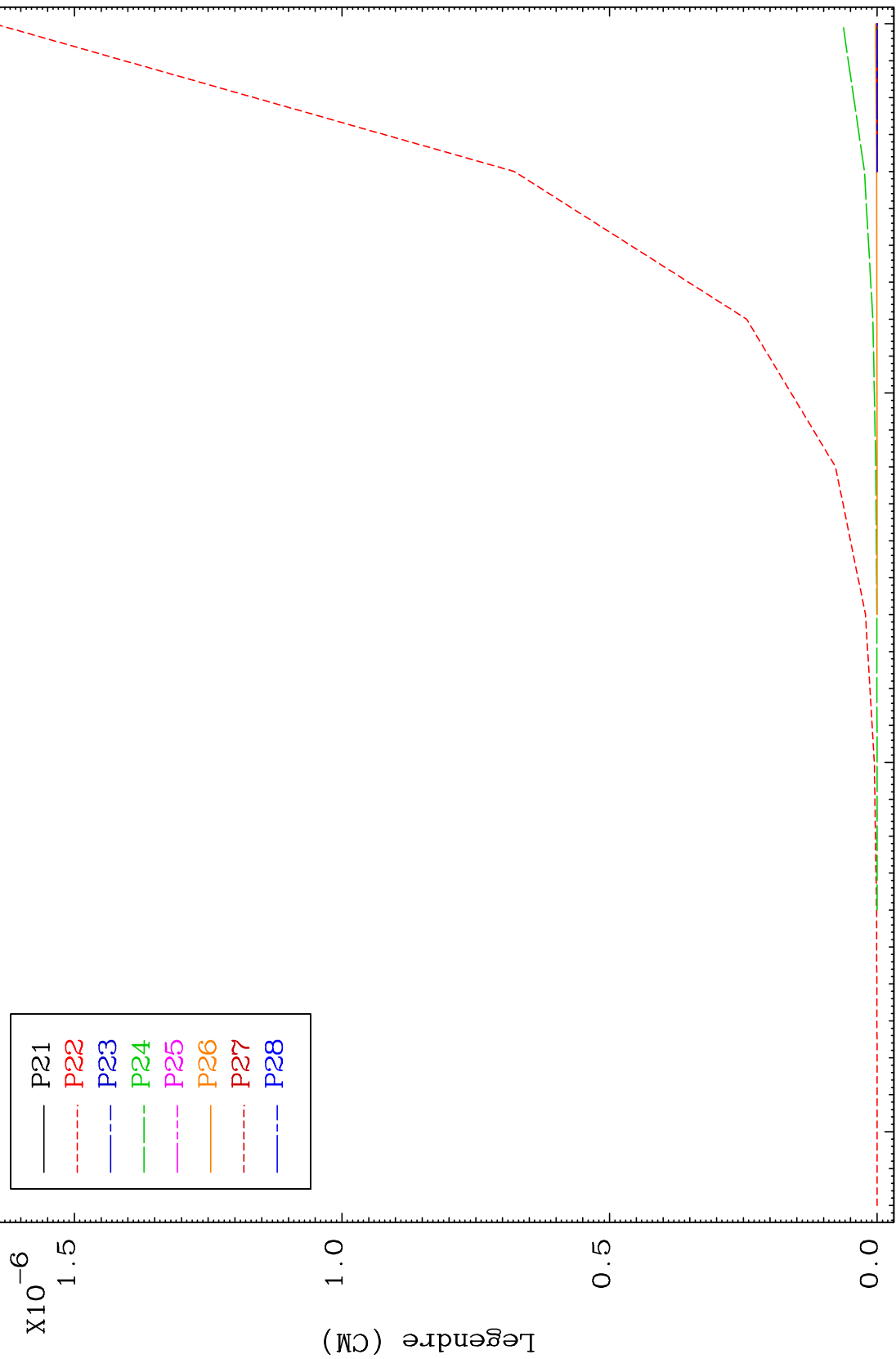
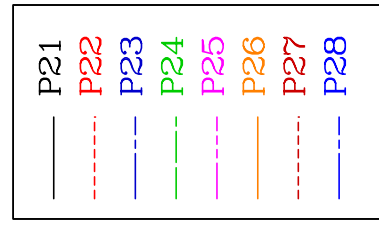
Incident Energy (MeV)

81-Tl-187

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Elastic Legendre Coefficients

81-T1-187



16

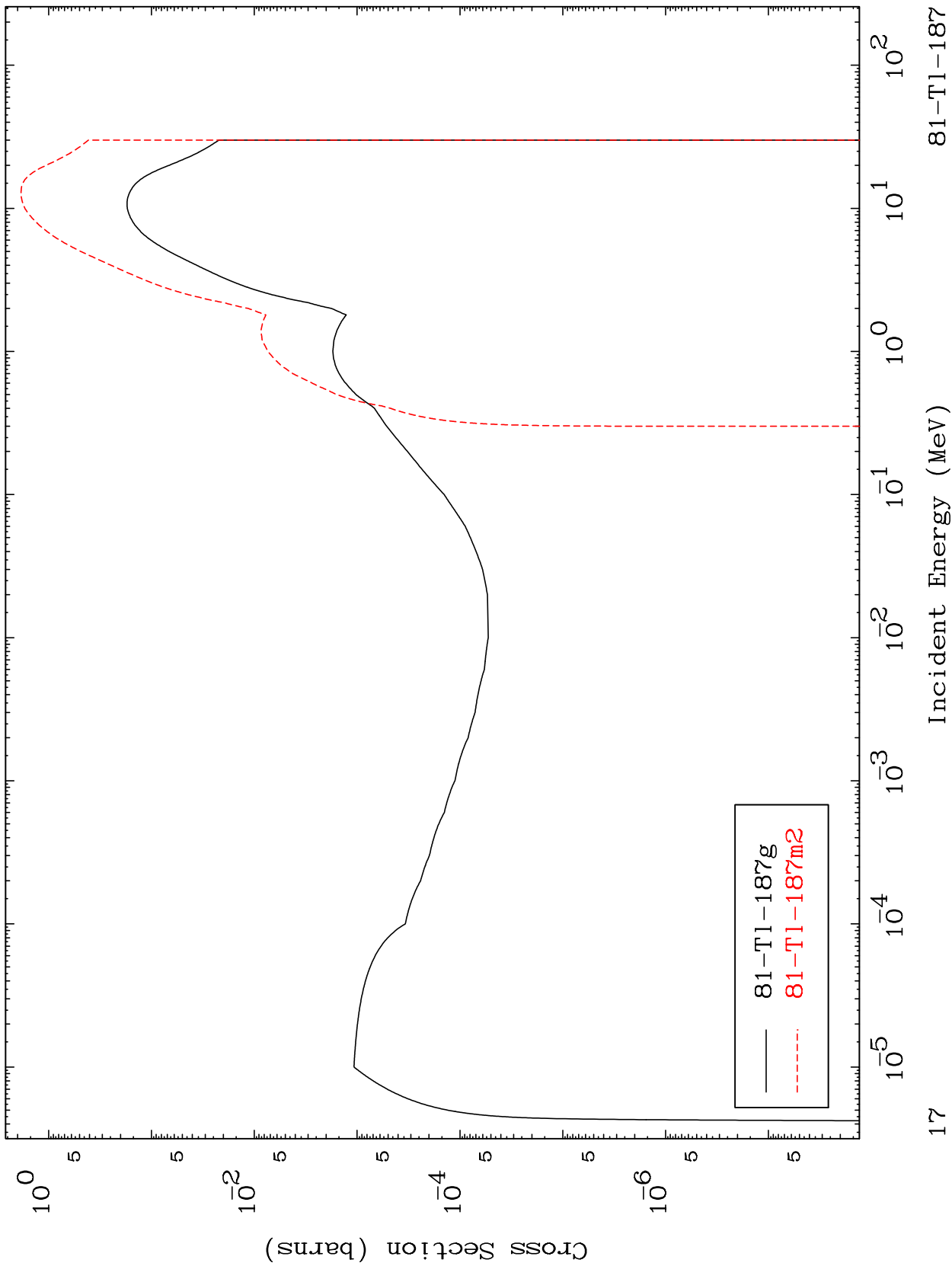
Incident Energy (MeV)

81-T1-187

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81-Tl-187

Inelastic
Radionuclide Production Cross Section

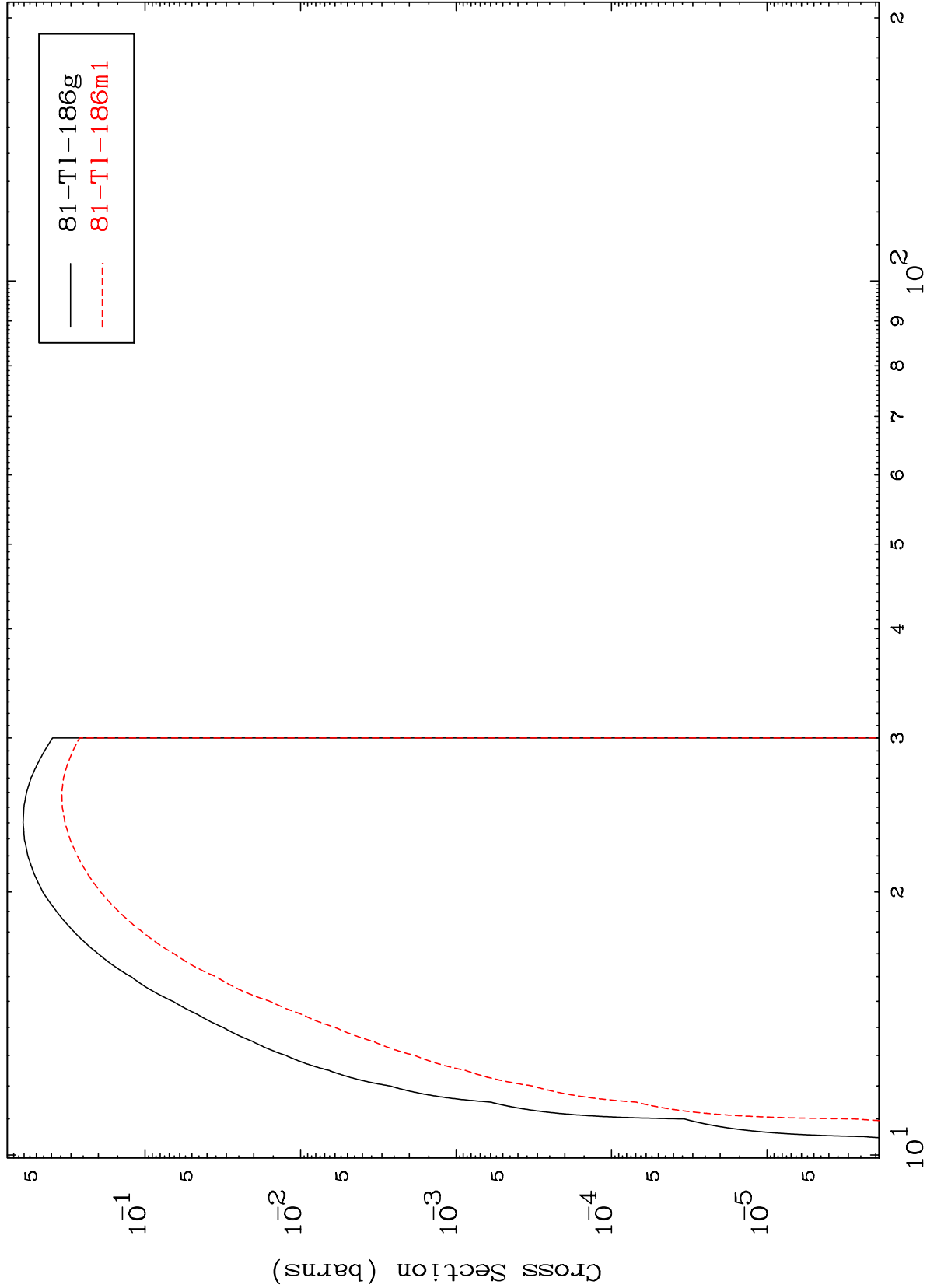


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(n,2n)

81-Tl-187

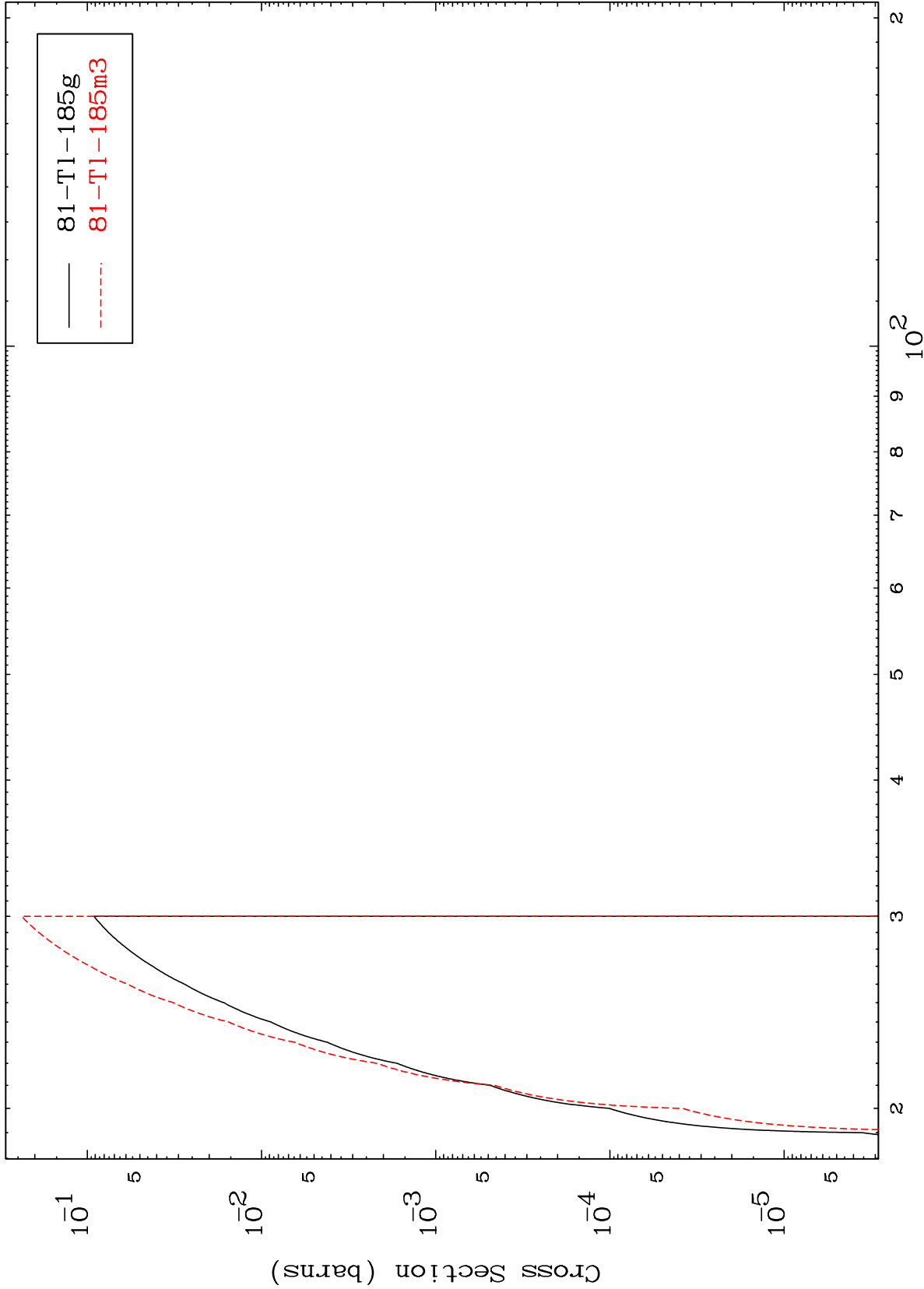
Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-187

Radionuclide Production Cross Section

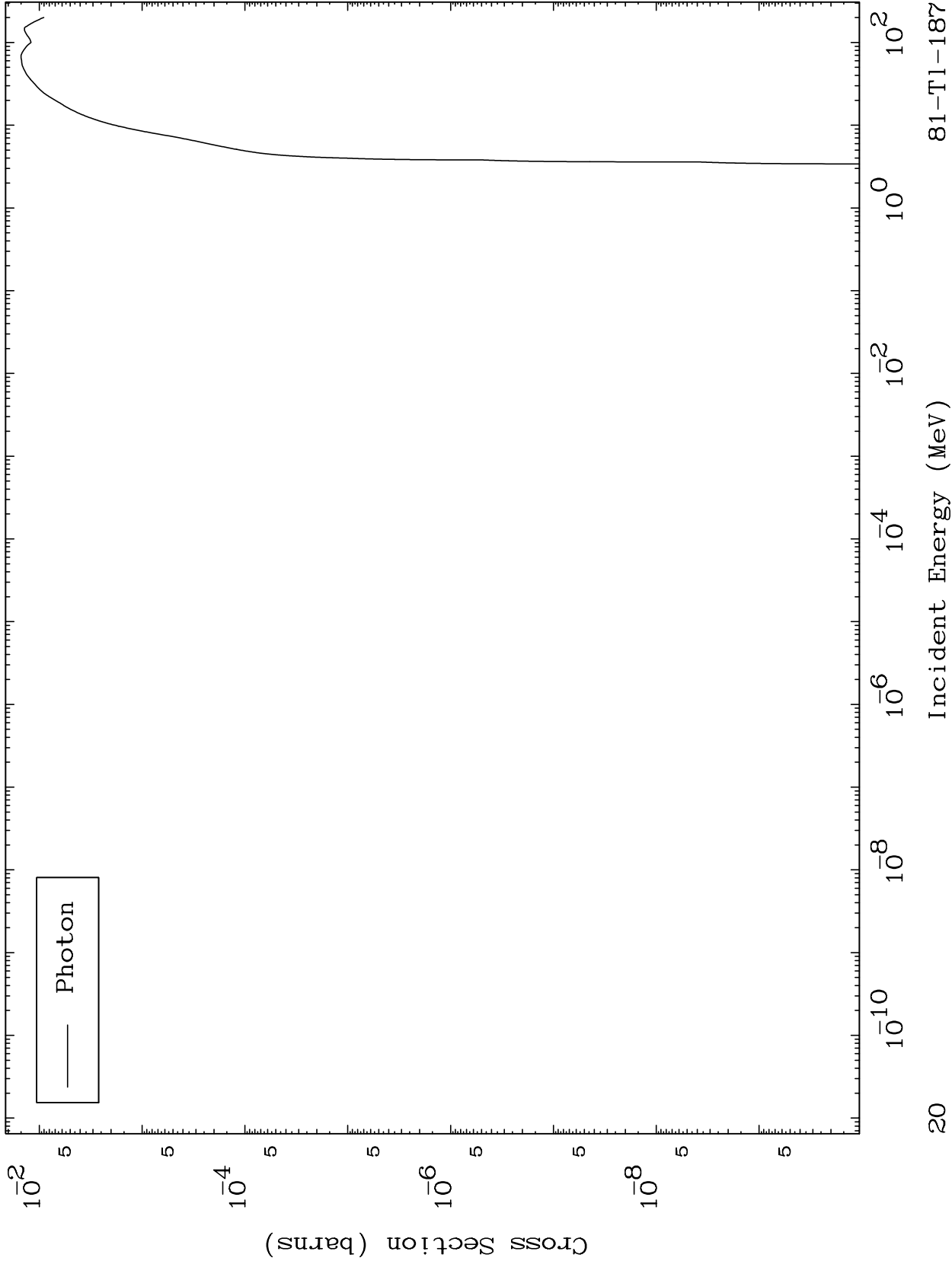


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Fission

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Radionuclide Production Cross Section

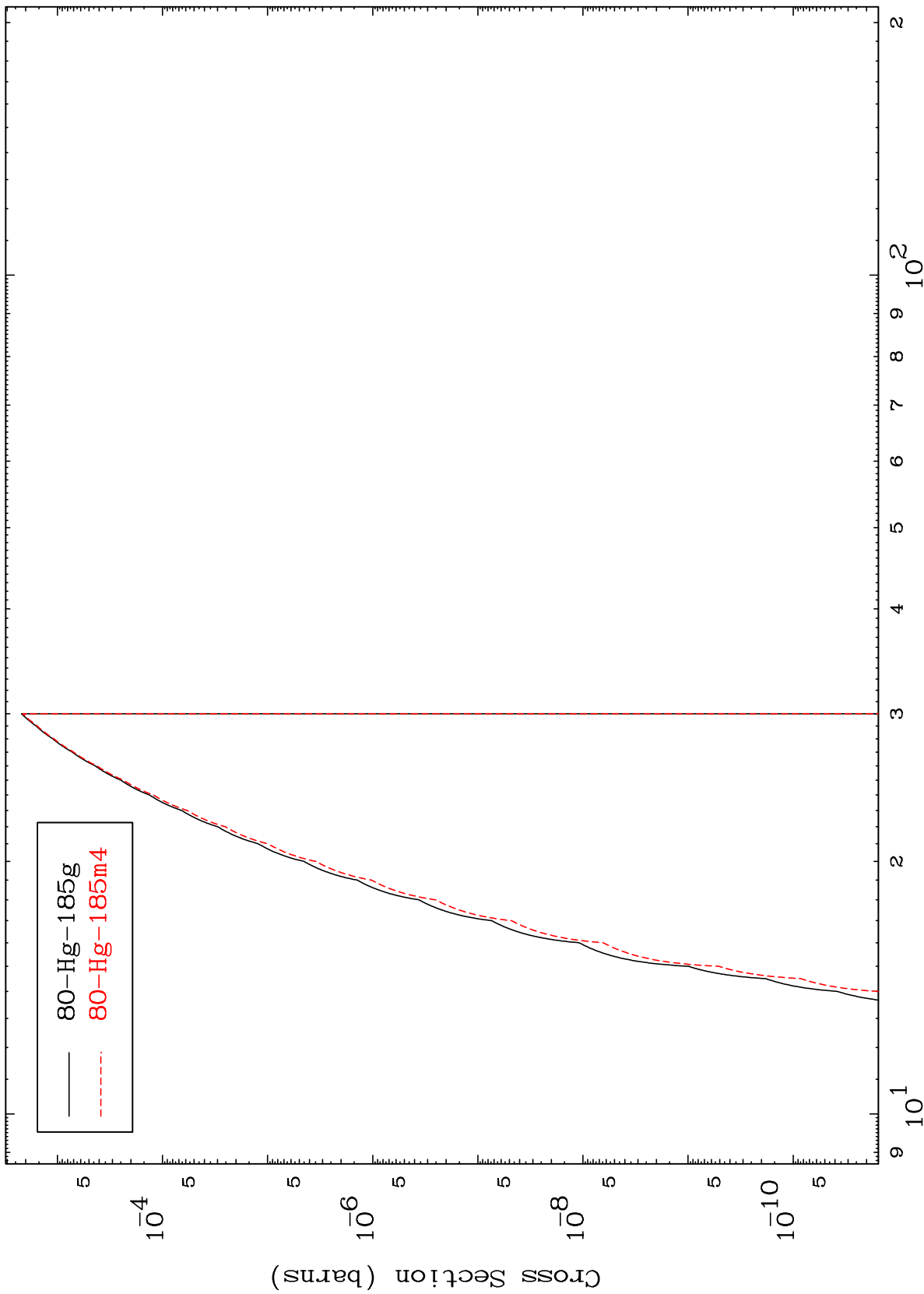


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(n,n') d

81-Tl-187

Radionuclide Production Cross Section



Incident Energy (MeV)

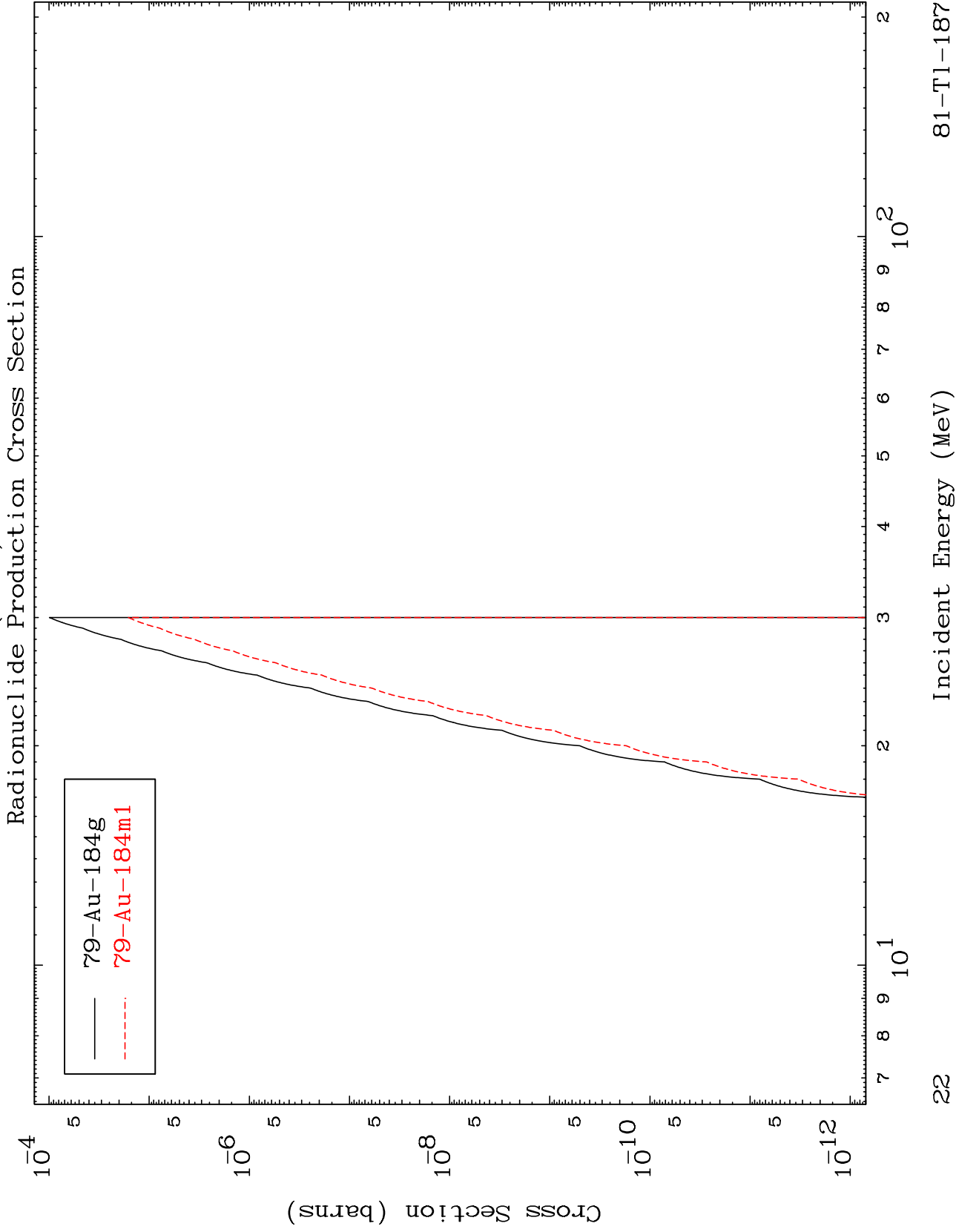
81-Tl-187

21

MAT 8078

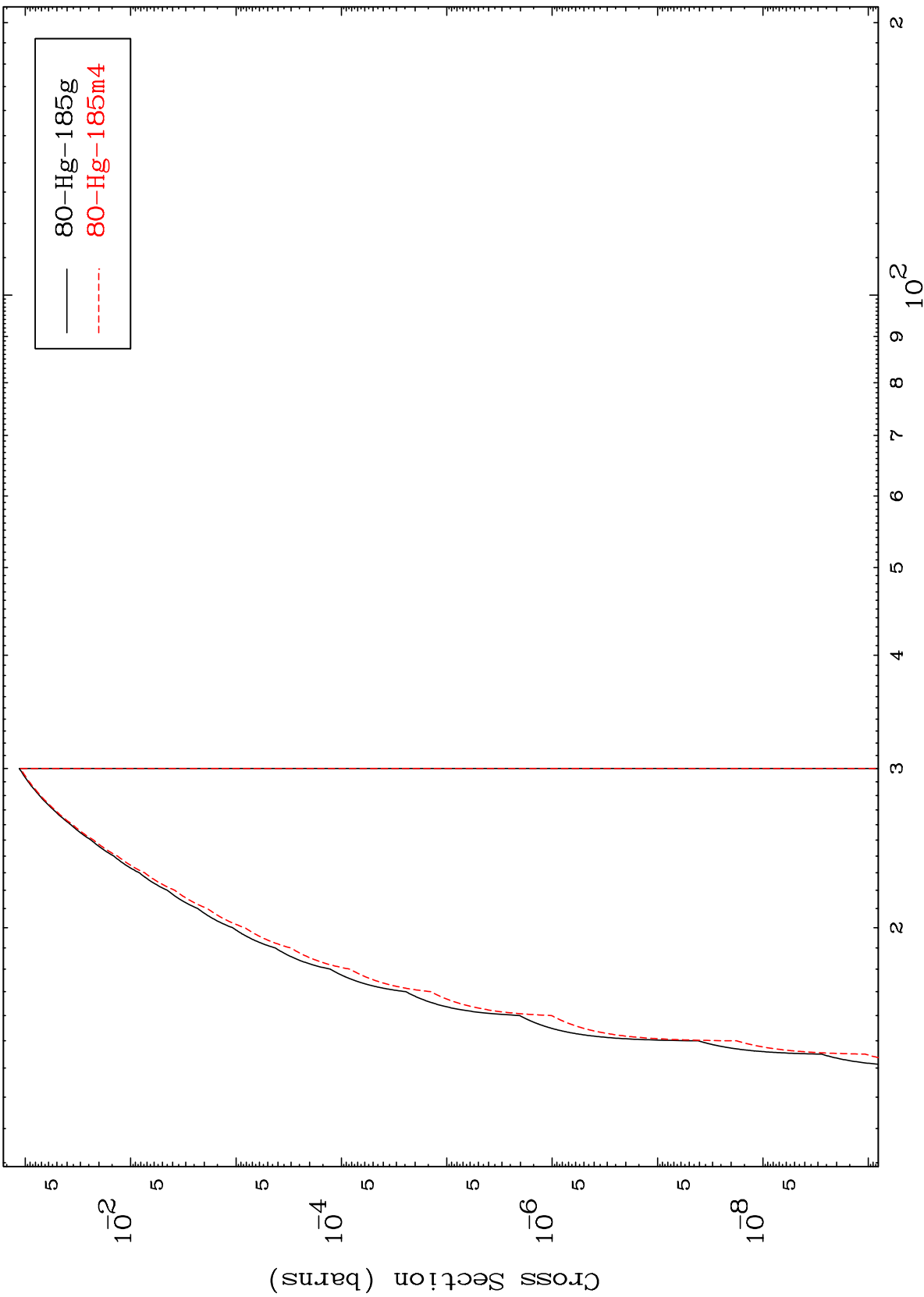
(n,n') He-3

81-Tl-187



22

Radionuclide Production Cross Section

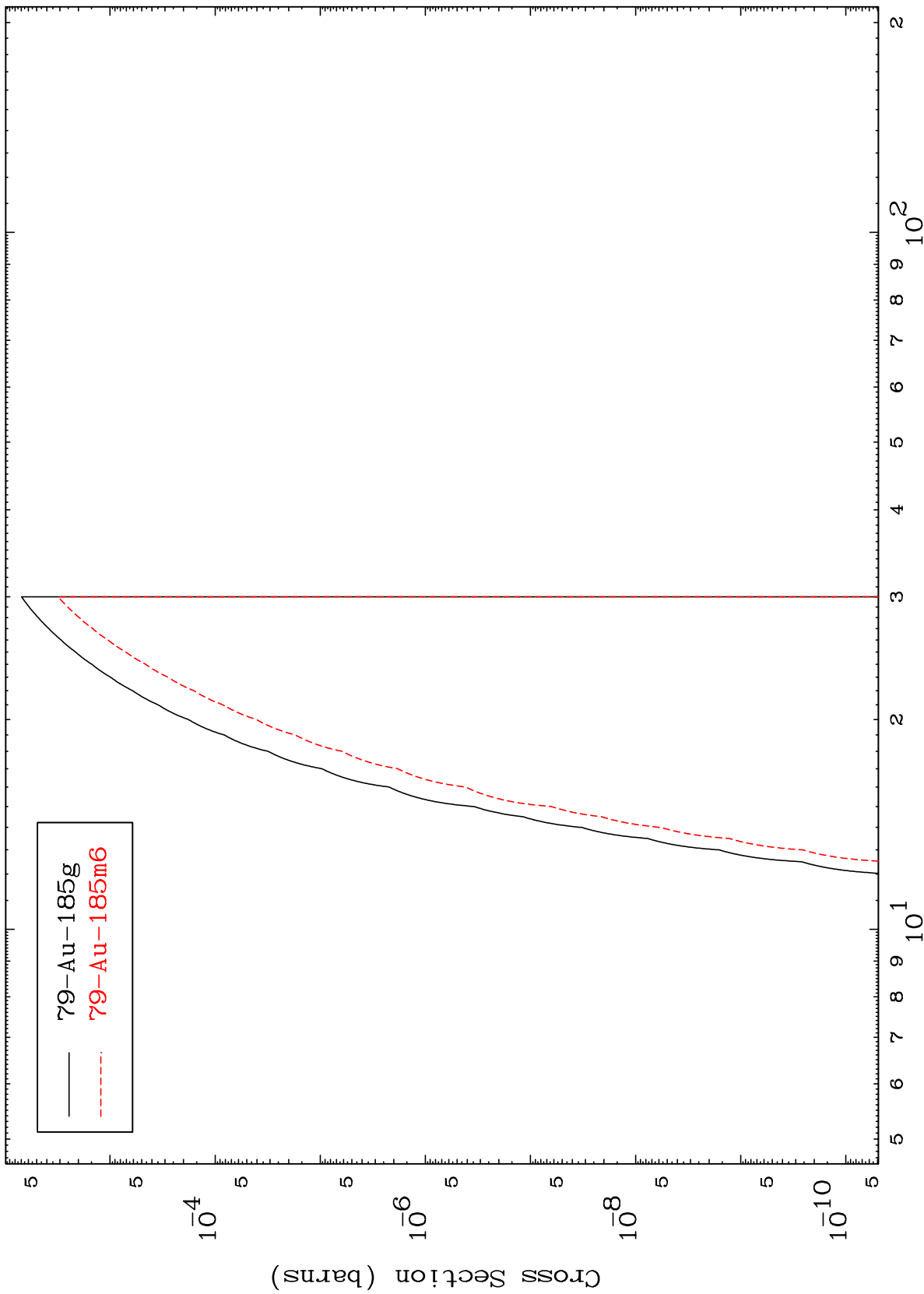


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(n,2n) p

81-Tl-187

Radionuclide Production Cross Section



24

Incident Energy (MeV)

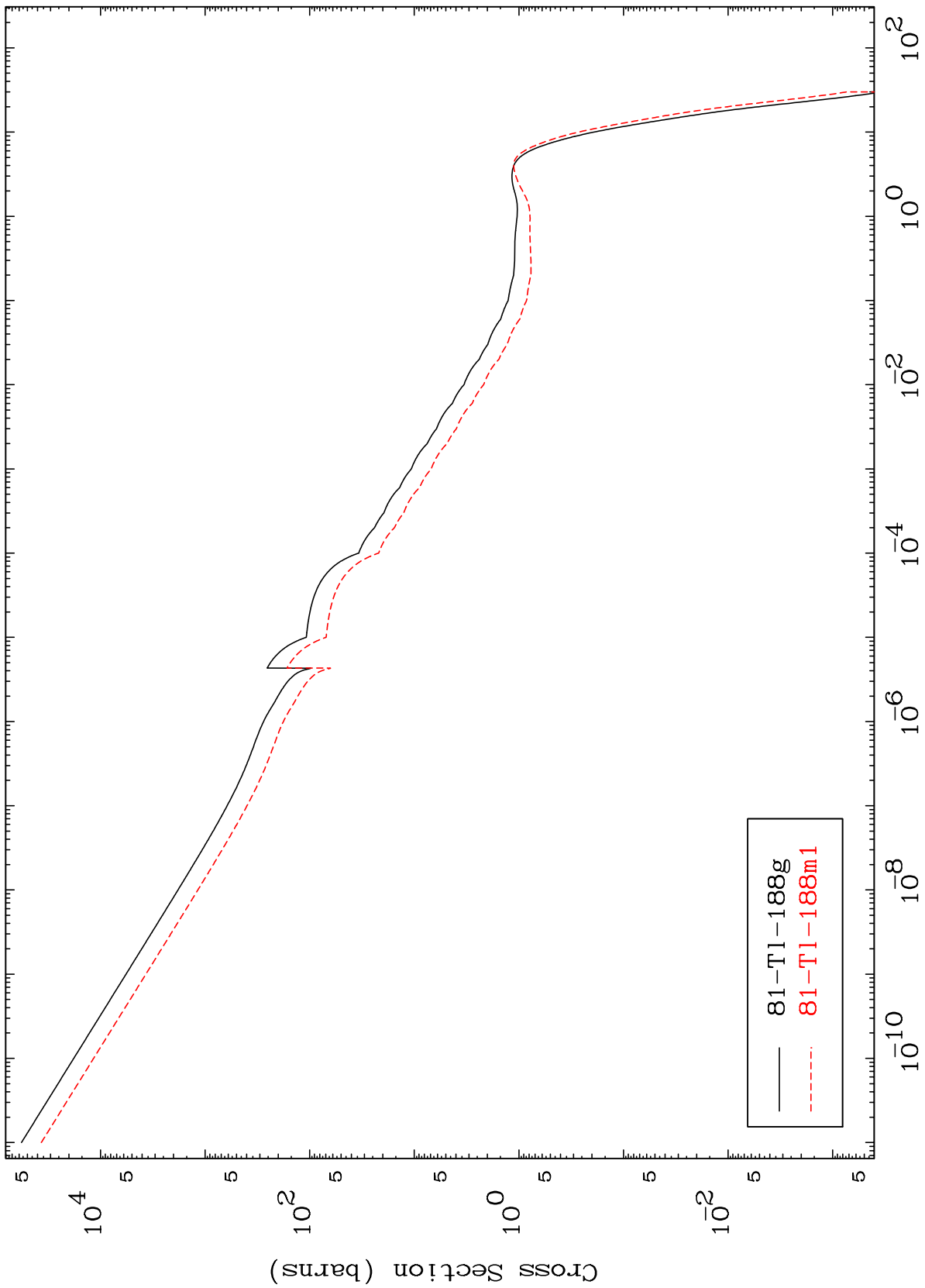
81-Tl-187

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81-Tl-187

Radionuclide Production Cross Section

(n, γ)



81-Tl-187

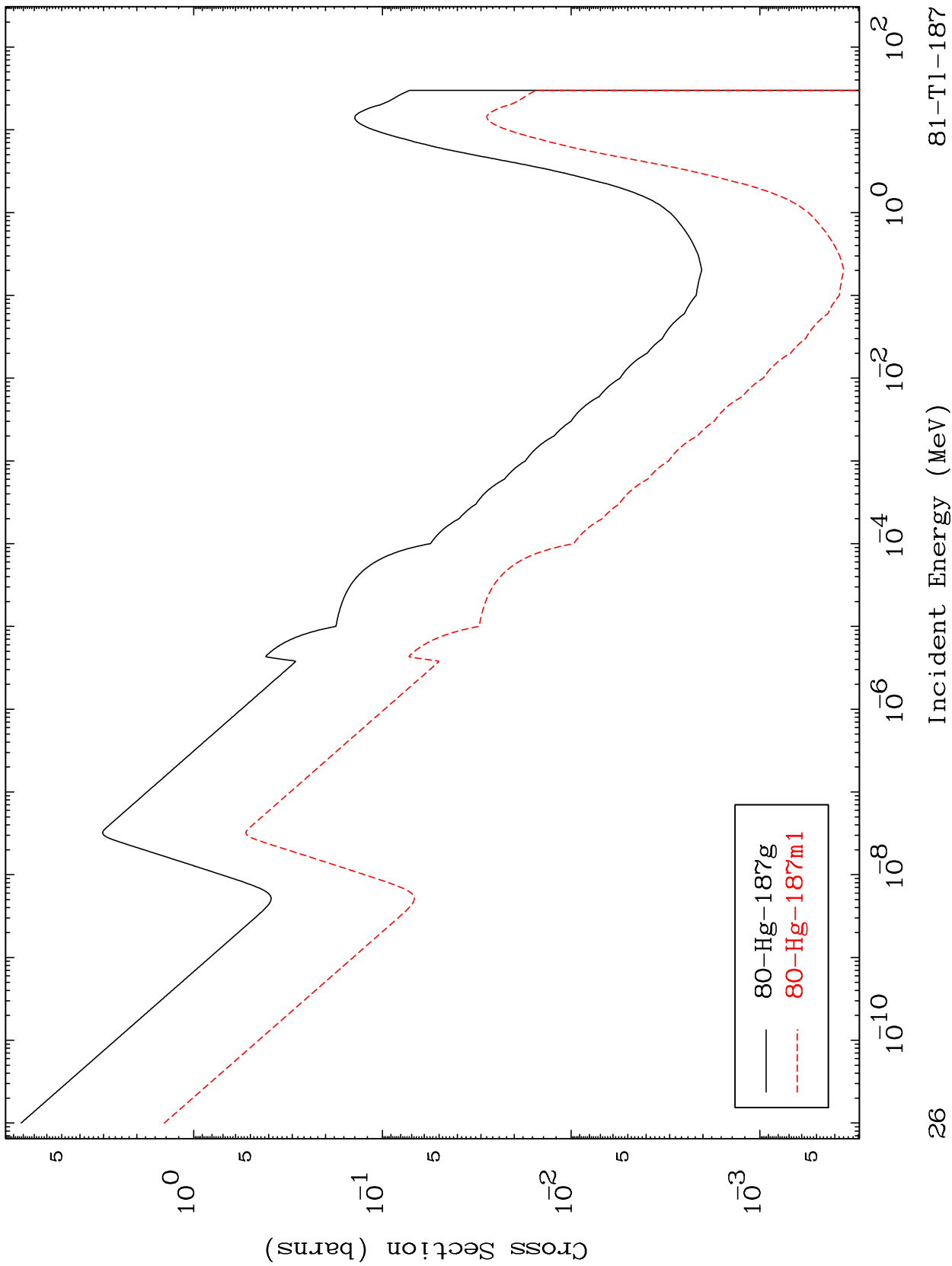
Incident Energy (MeV)

25

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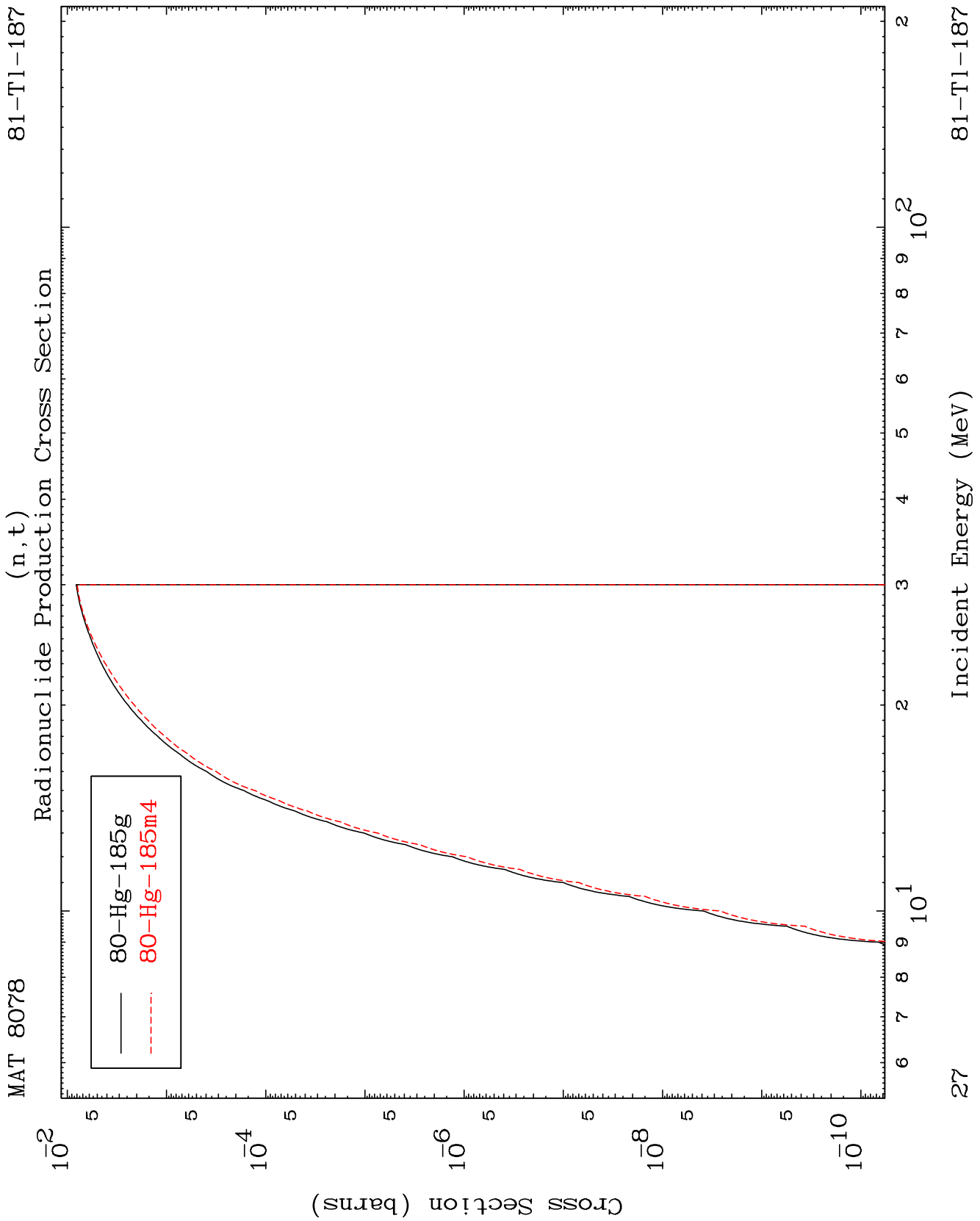
81-Tl-187

(n,p)
Radionuclide Production Cross Section



26

81-Tl-187

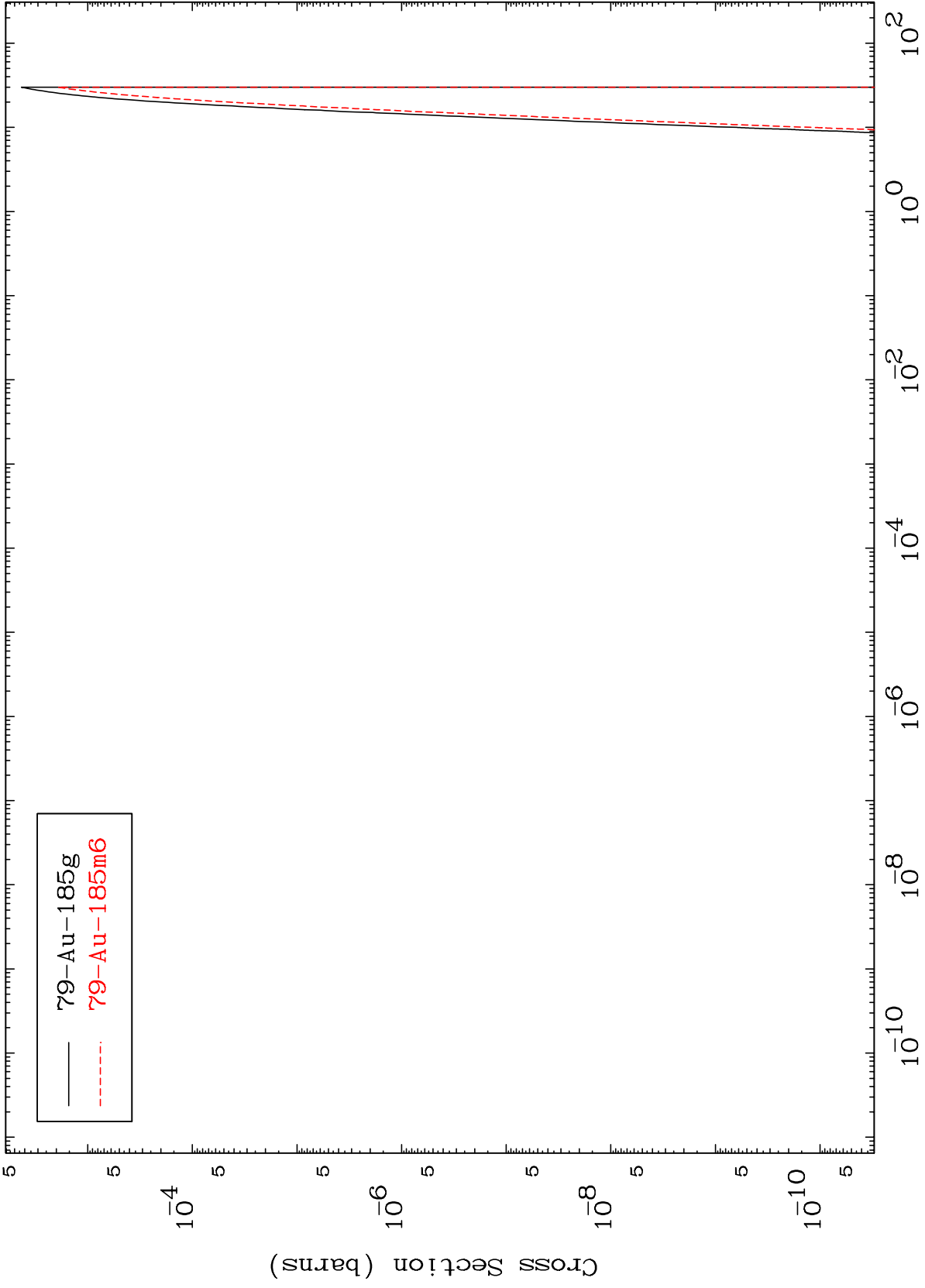


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(n,He-3)

81-Tl-187

Radionuclide Production Cross Section



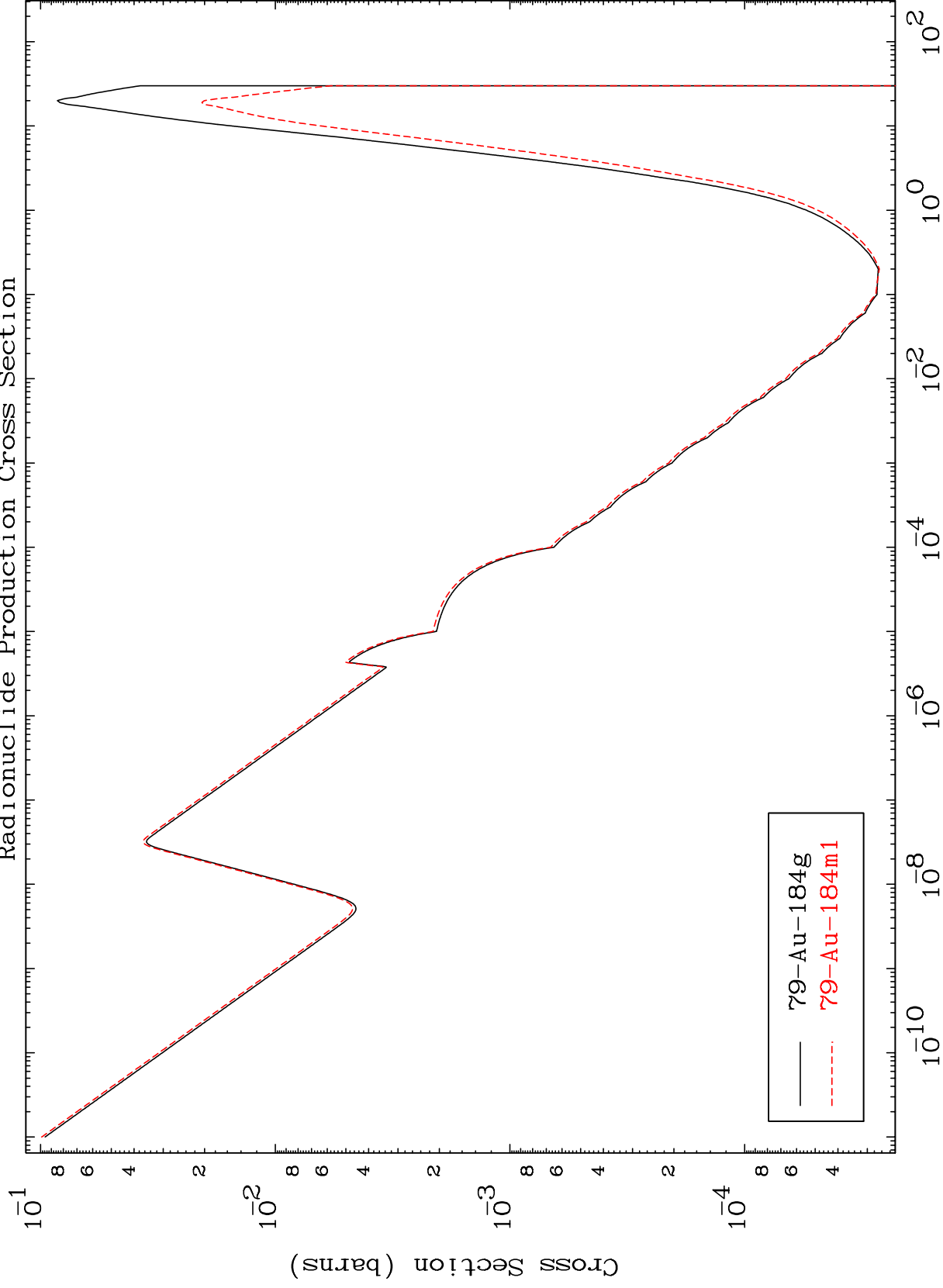
— $^{79}\text{Au-185g}$
- - - $^{79}\text{Au-185m6}$

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(n, α)

81-Tl-187

Radionuclide Production Cross Section



29

Incident Energy (MeV)

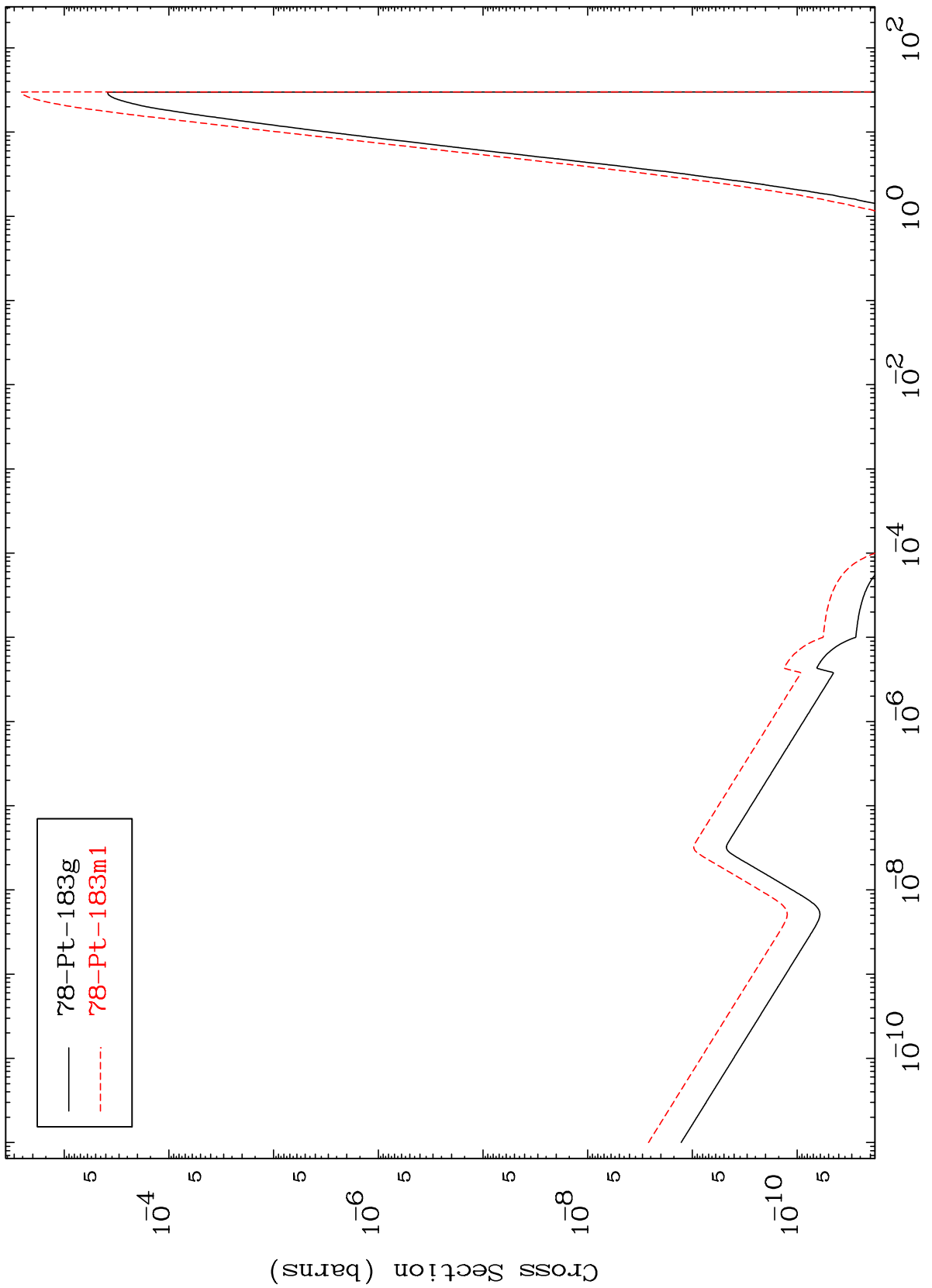
81-Tl-187

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(n,p) α

81-Tl-187

Radionuclide Production Cross Section

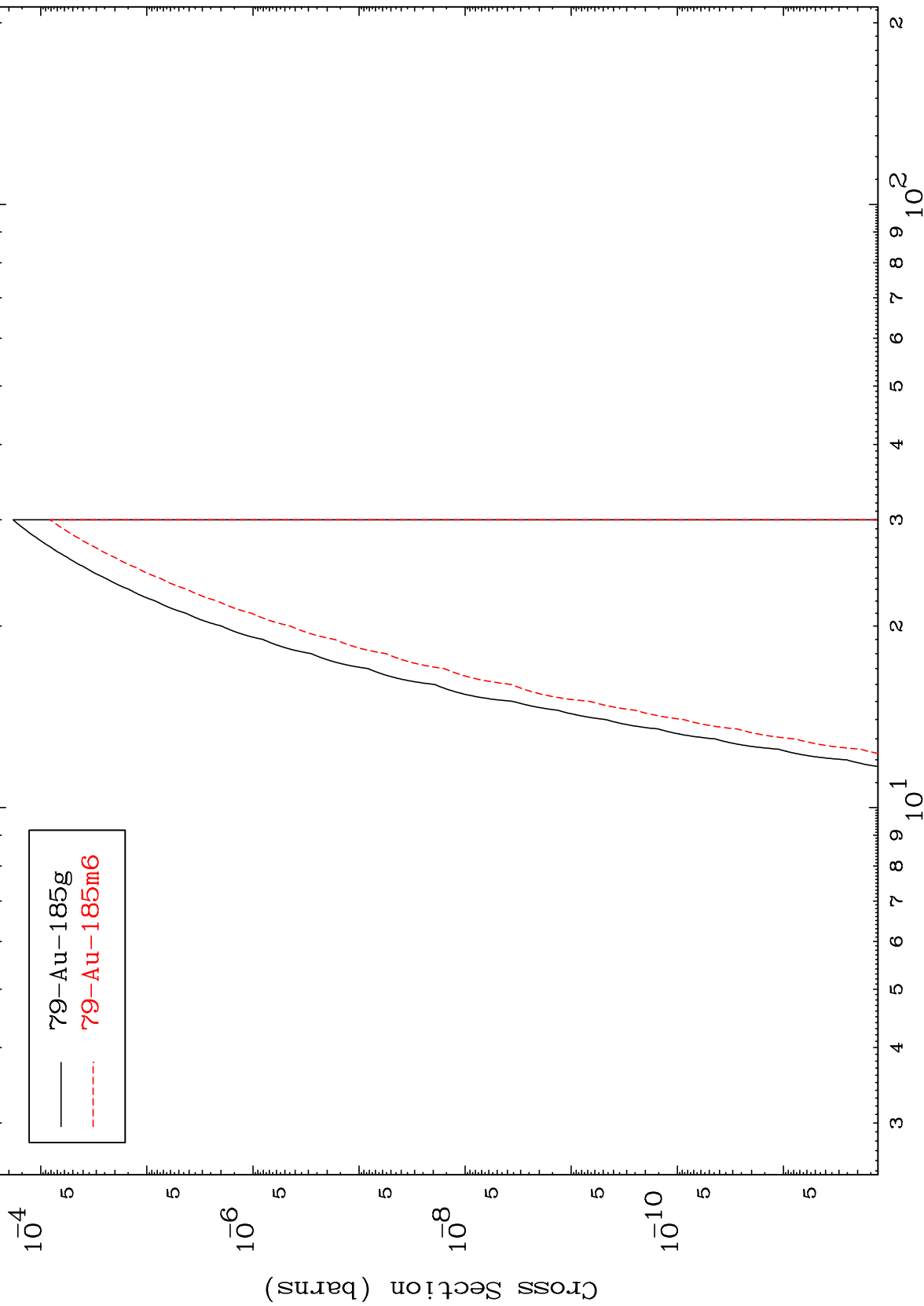


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(n,p) d

81-Tl-187

Radionuclide Production Cross Section



79-Au-185g
79-Au-185m6

Incident Energy (MeV)

81-Tl-187

31

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(n,p) t

81-Tl-187

