

Program EVALPLOT  
(Version 2021-1)

by

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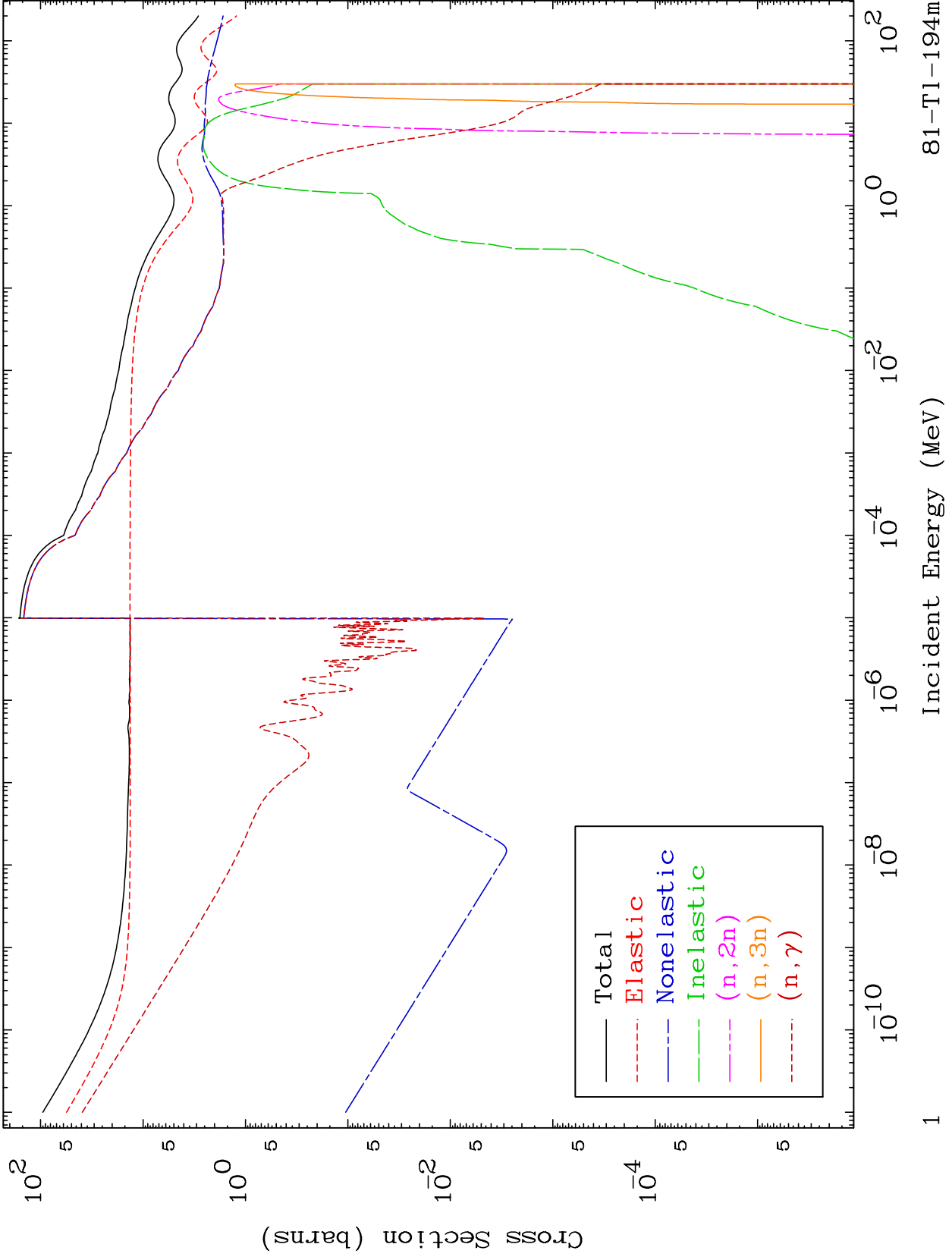
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Press Mouse Button to Start

MAT 8099

Neutron Major  
293 Kelvin Cross Sections

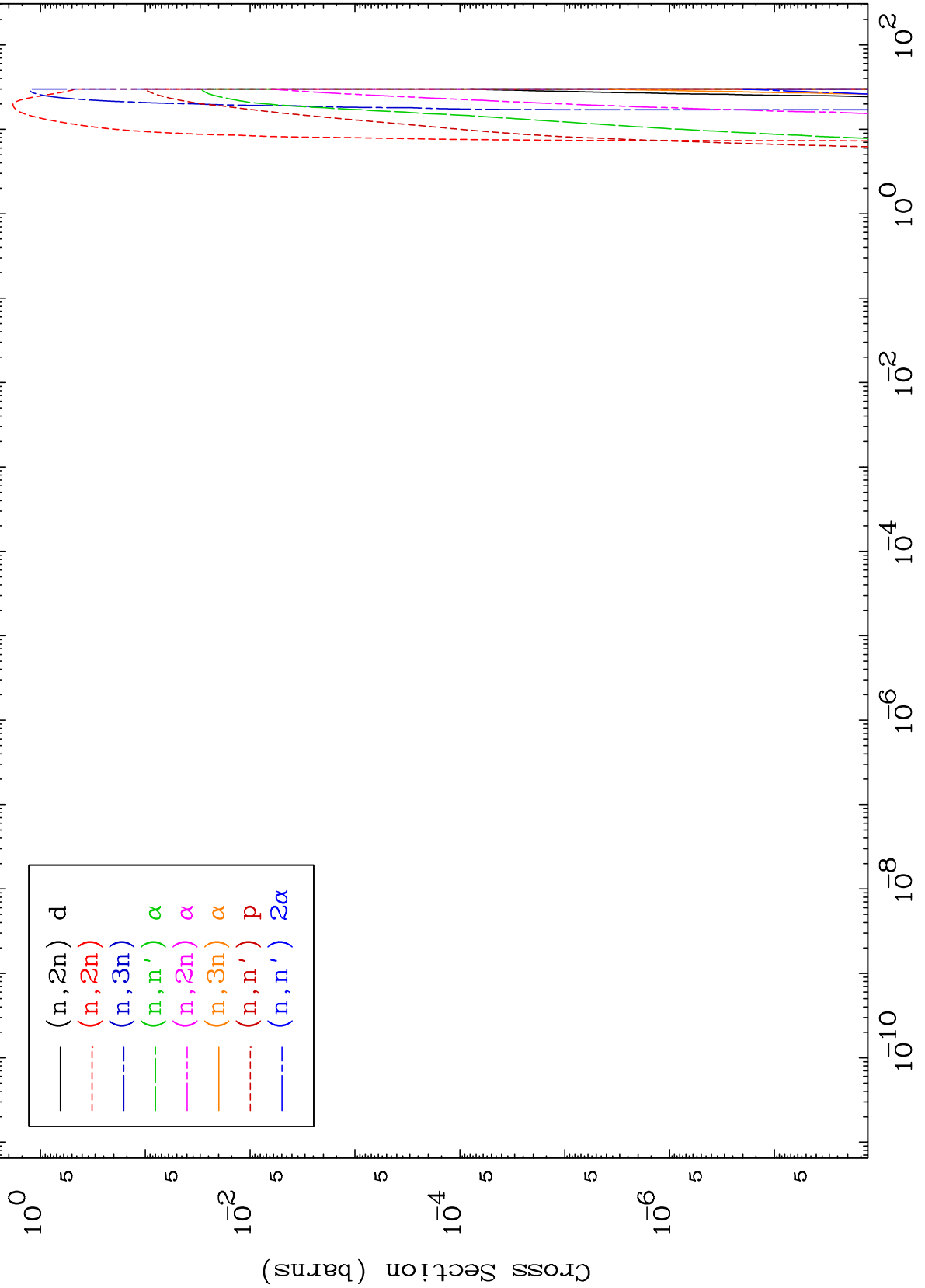
81-TI-194m



MAT 8099

Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-194m



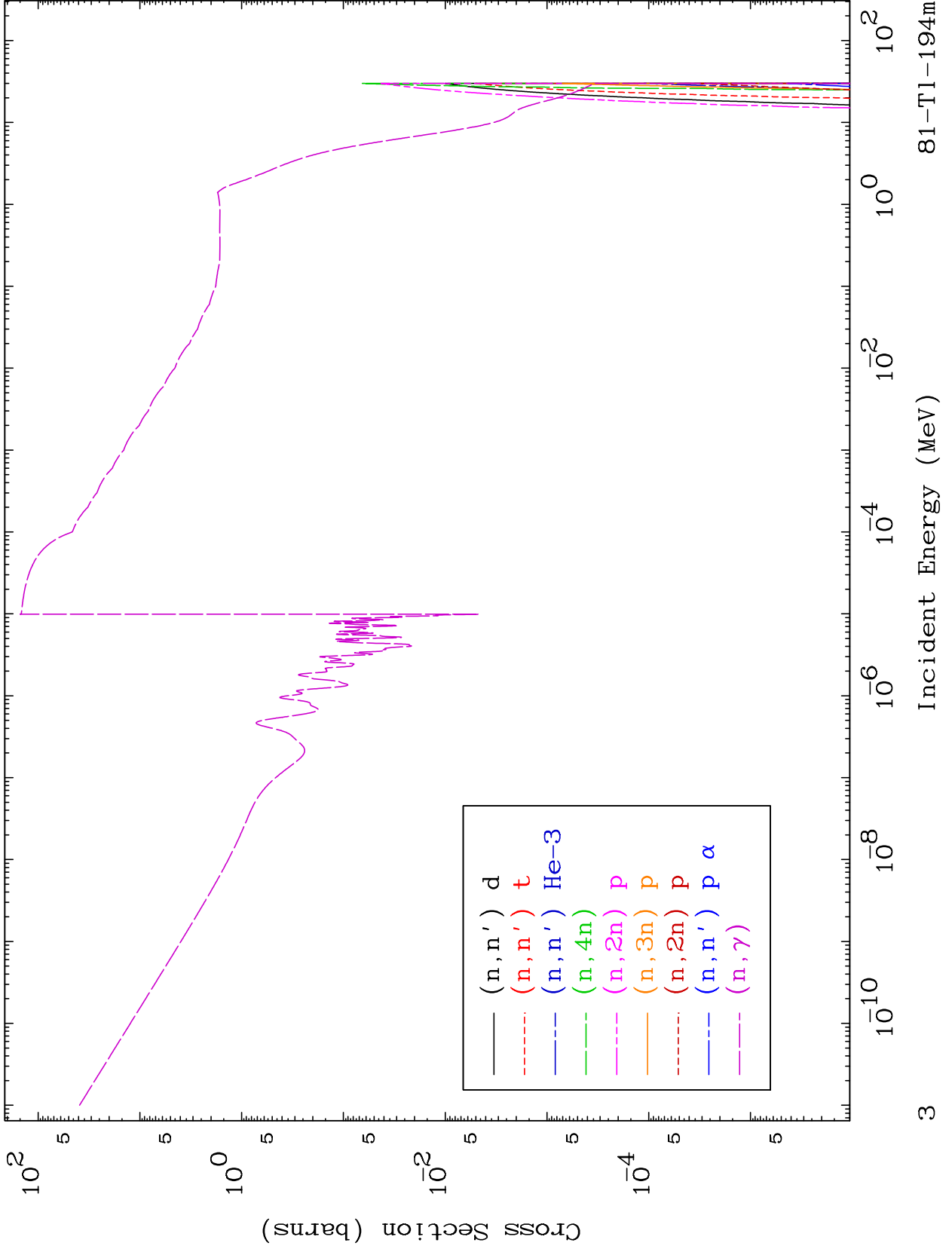
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Incident Energy (MeV)

MAT 8099

Neutron Absorption  
293 Kelvin Cross Sections

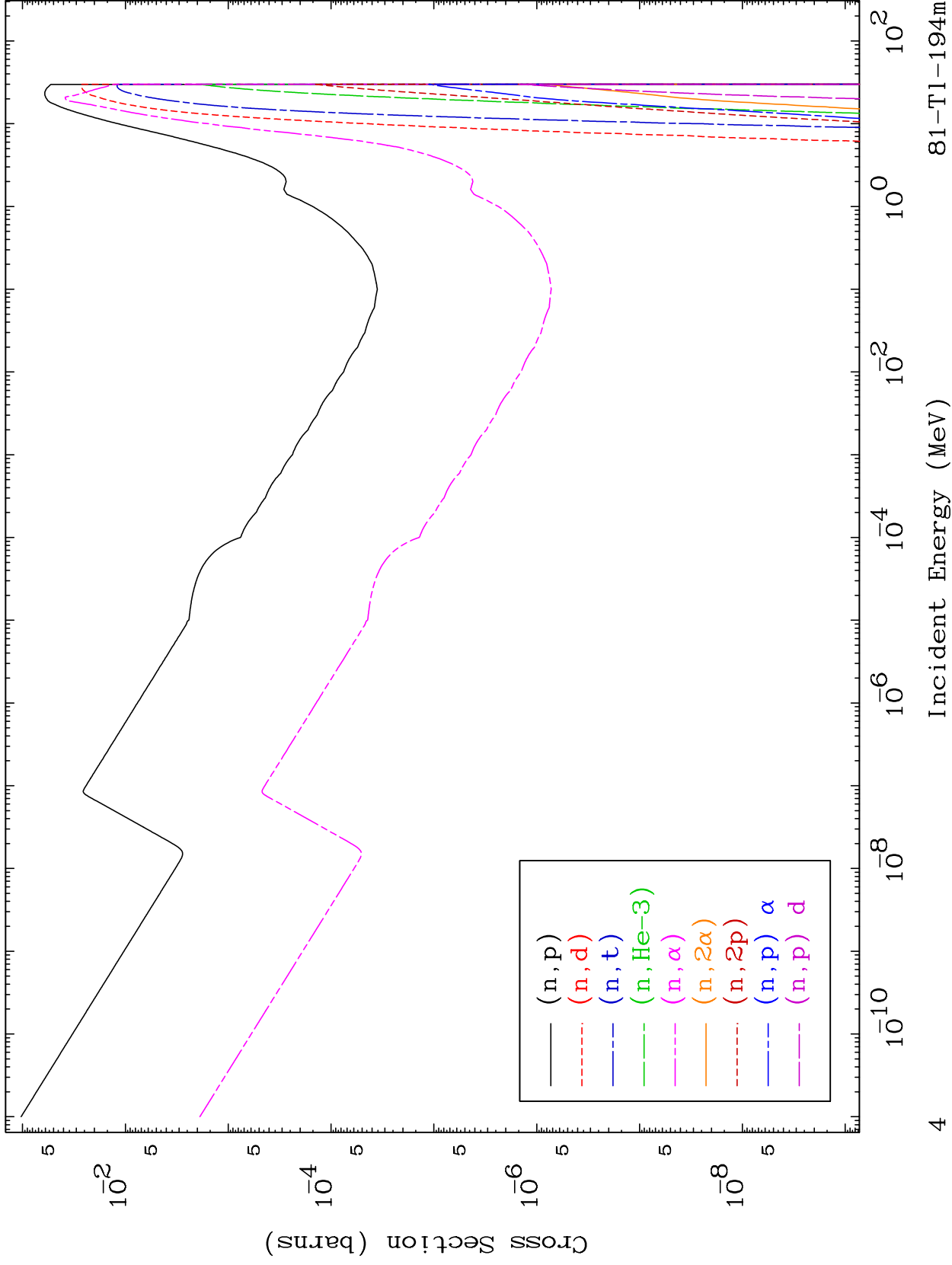
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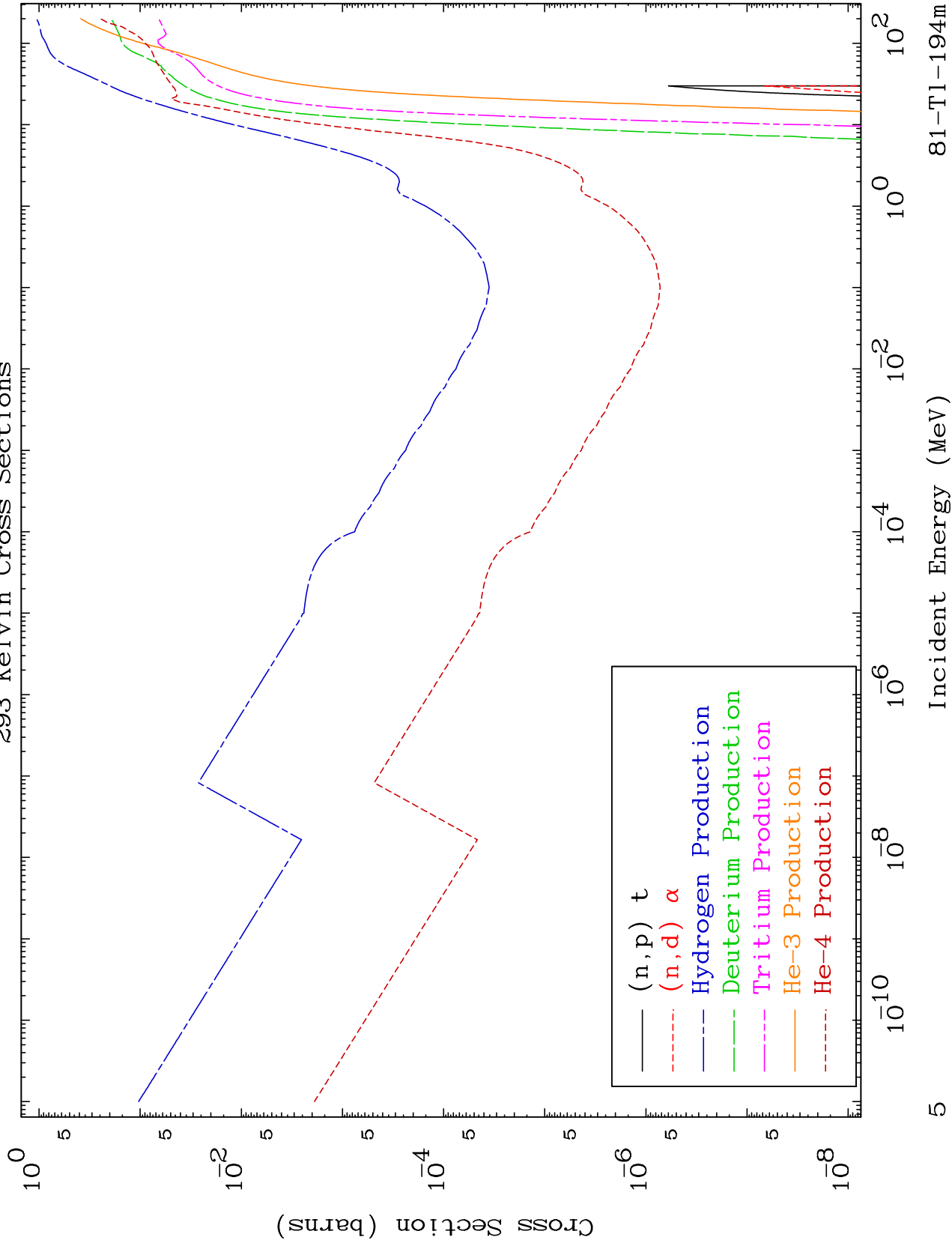


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Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-194m

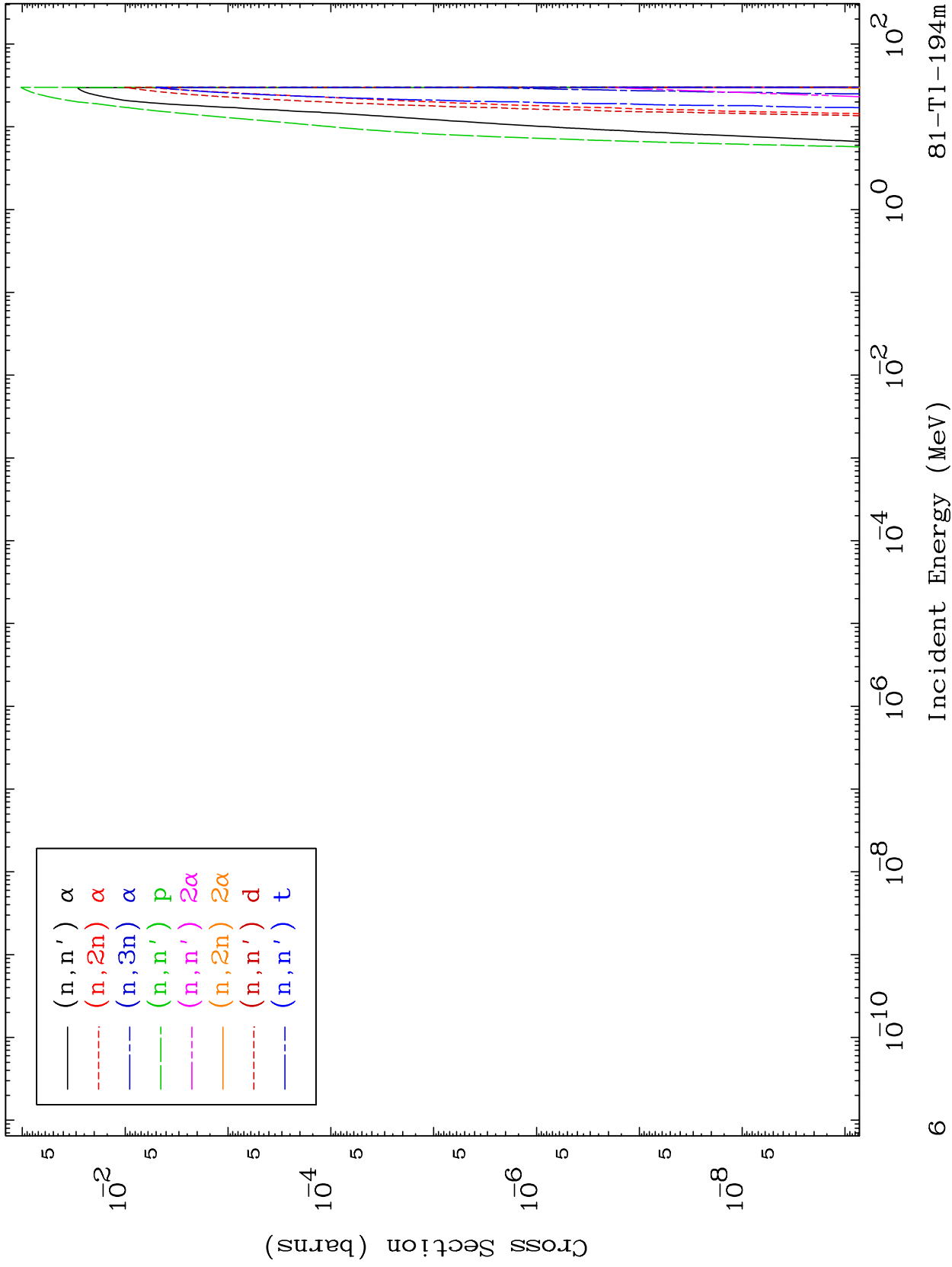




MAT 8099

Charged Particle  
293 Kelvin Cross Sections

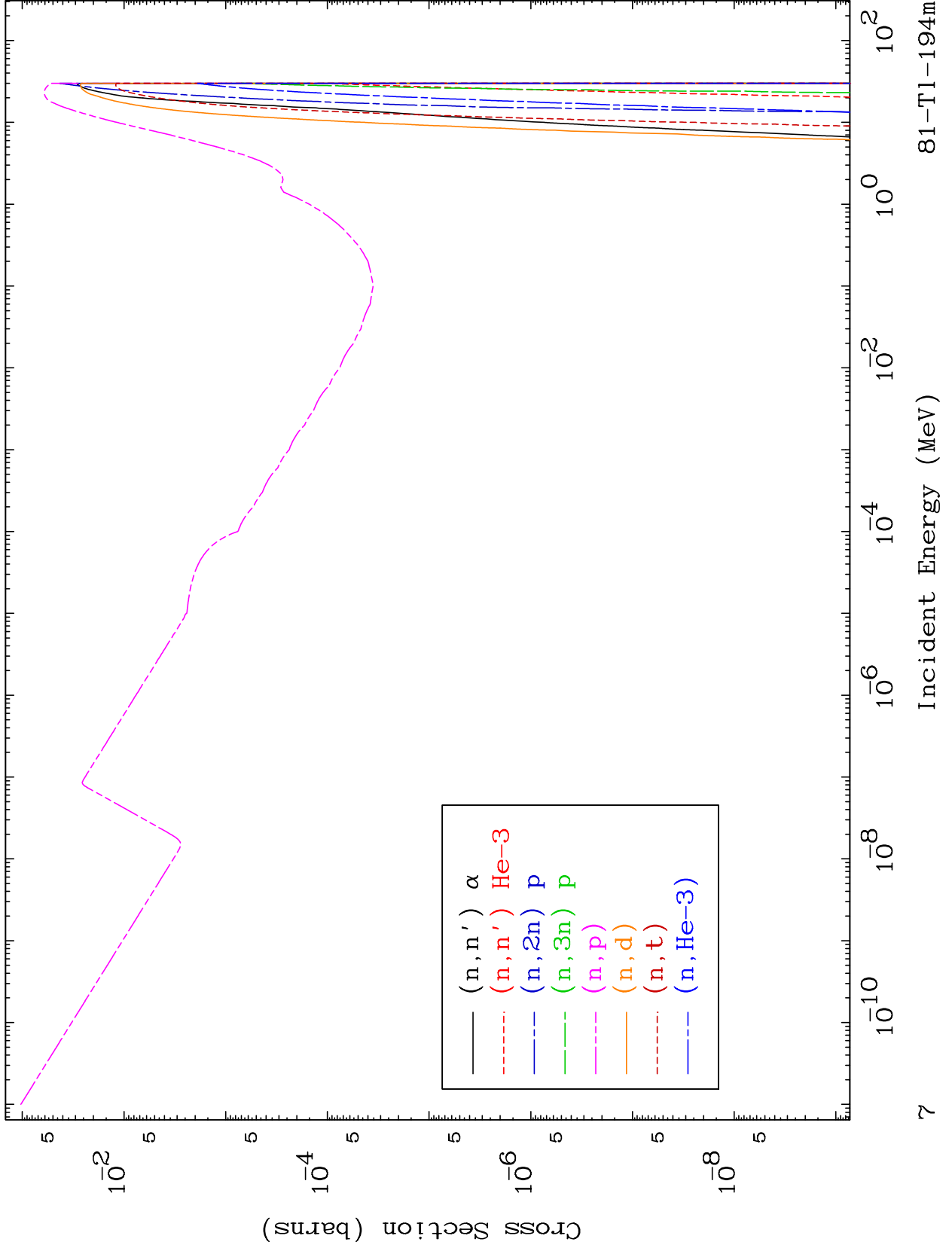
81-Tl-194m



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Charged Particle  
293 Kelvin Cross Sections

81-Tl-194m

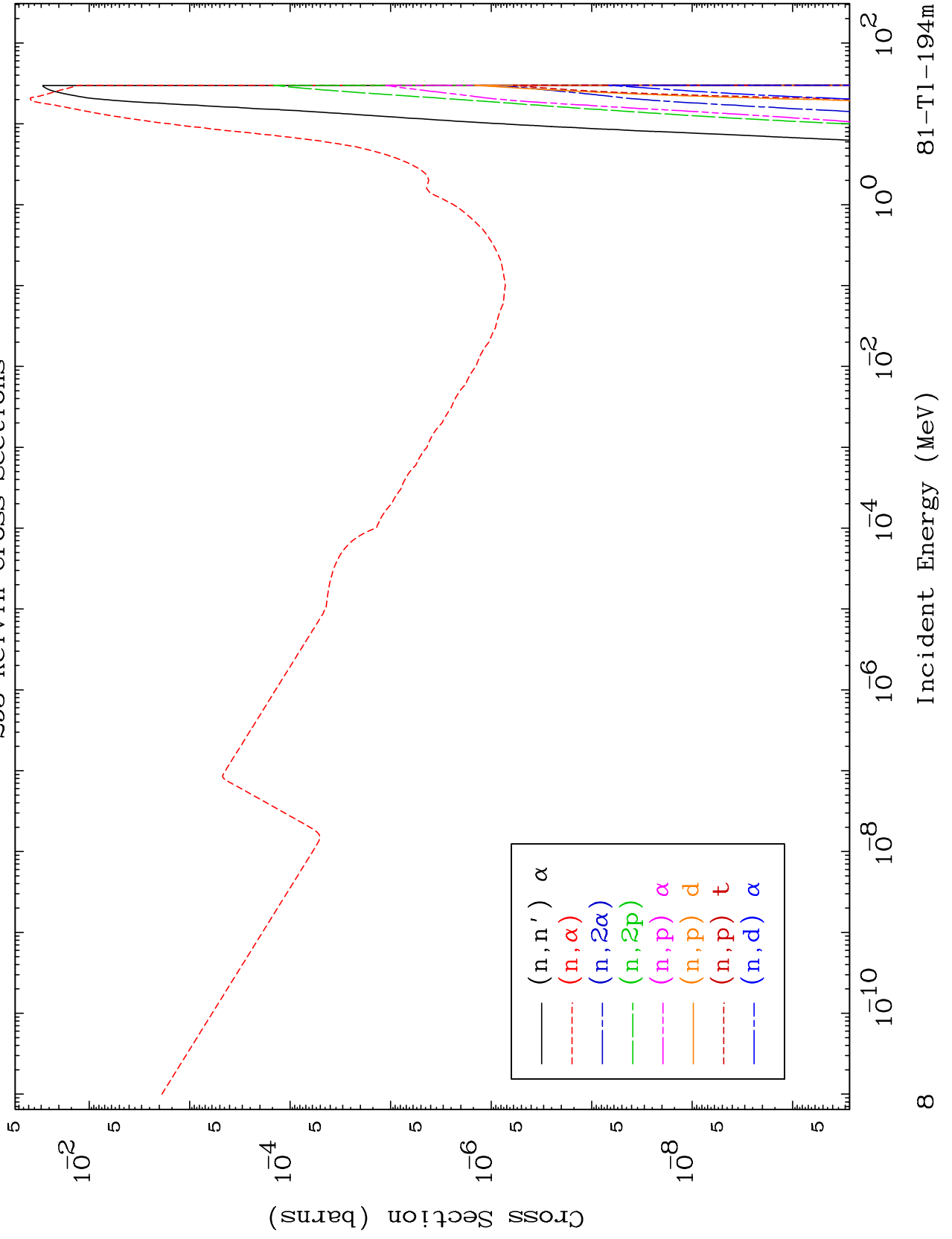




MAT 8099

Charged Particle  
293 Kelvin Cross Sections

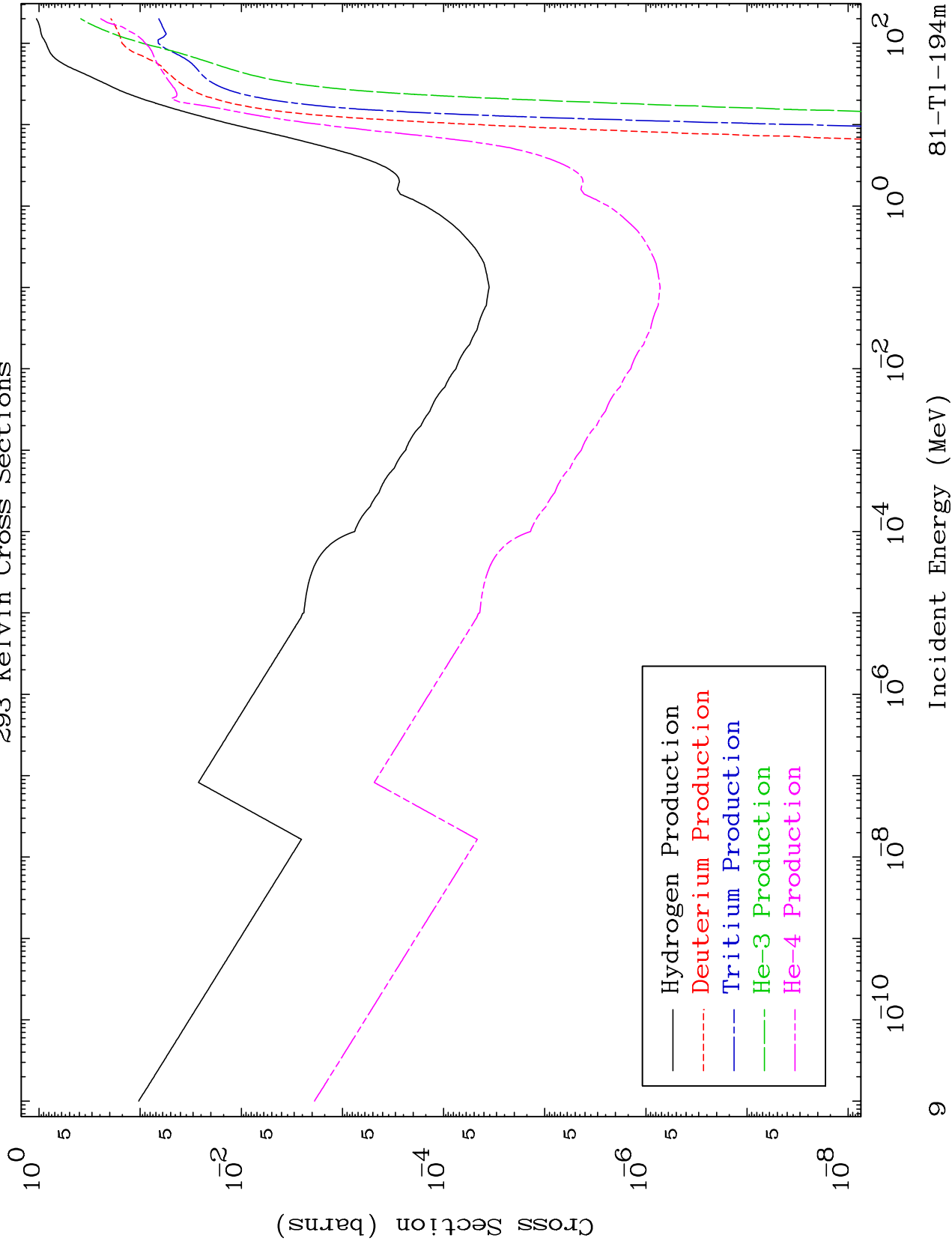
81-Tl-194m



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Particle Production  
293 Kelvin Cross Sections

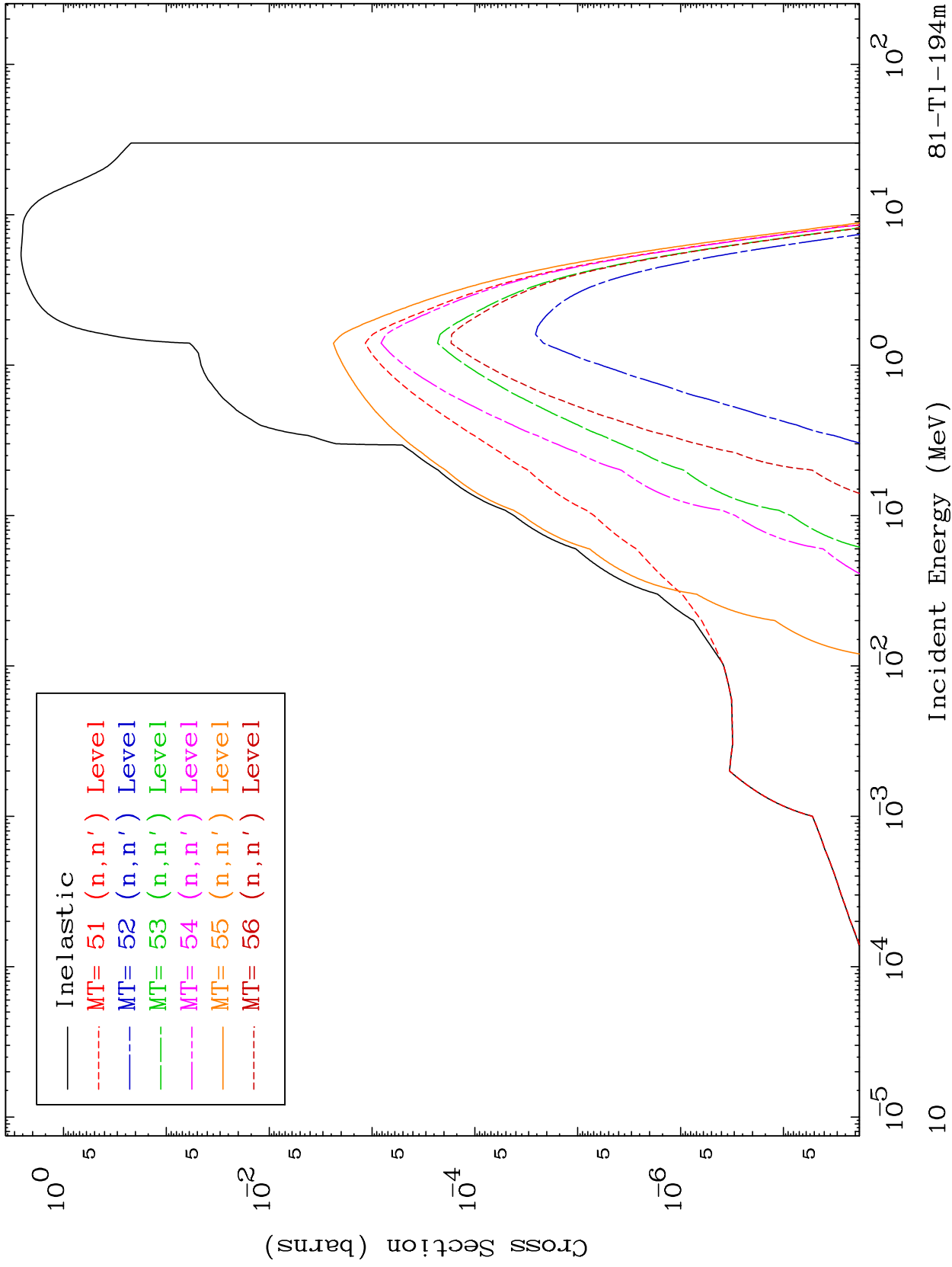
81-Tl-194m



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293 Kelvin Cross Sections  
(n,n') Levels

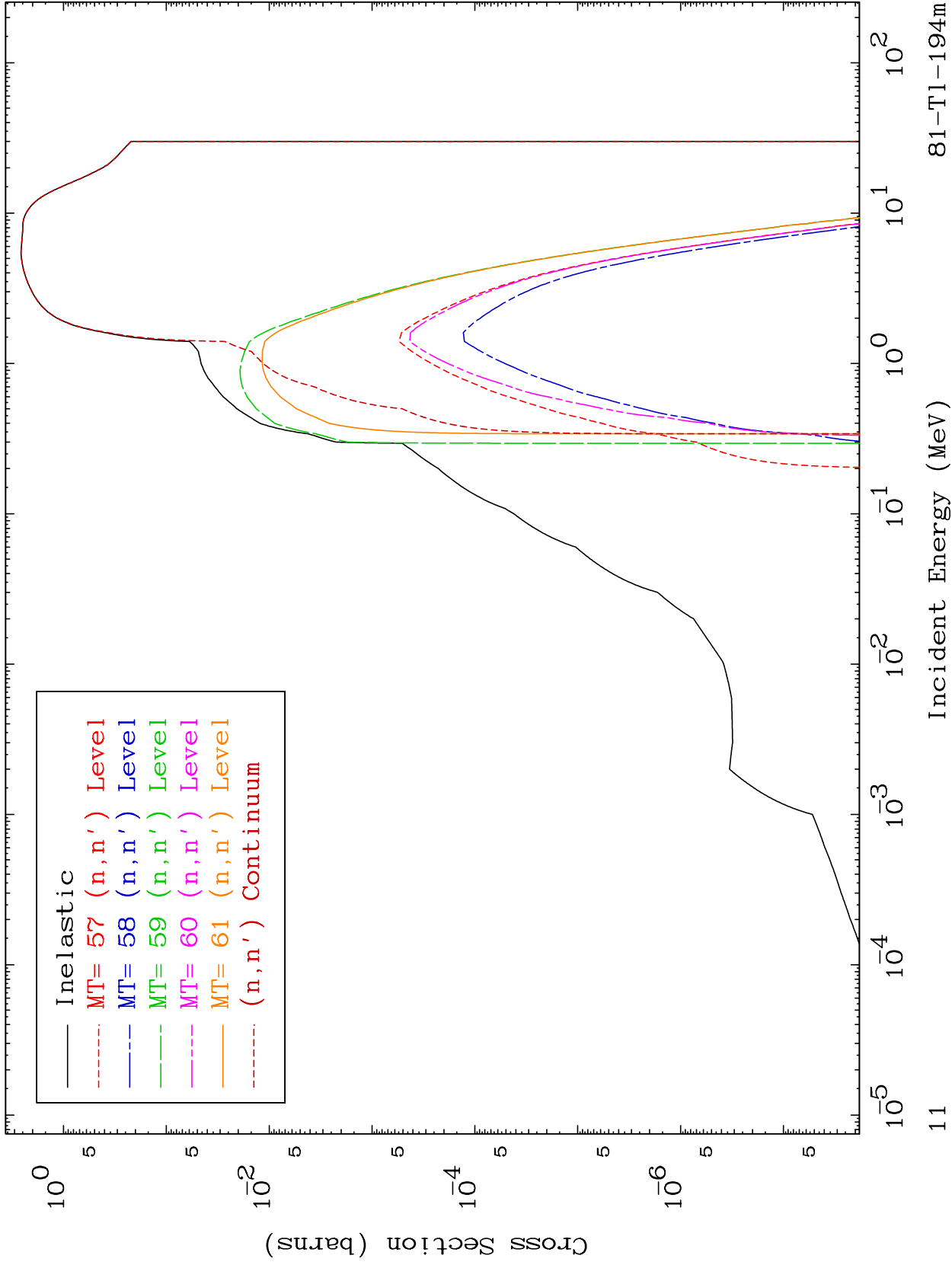
81-Tl-194m



MAT 8099

(n,n') Levels  
293 Kelvin Cross Sections

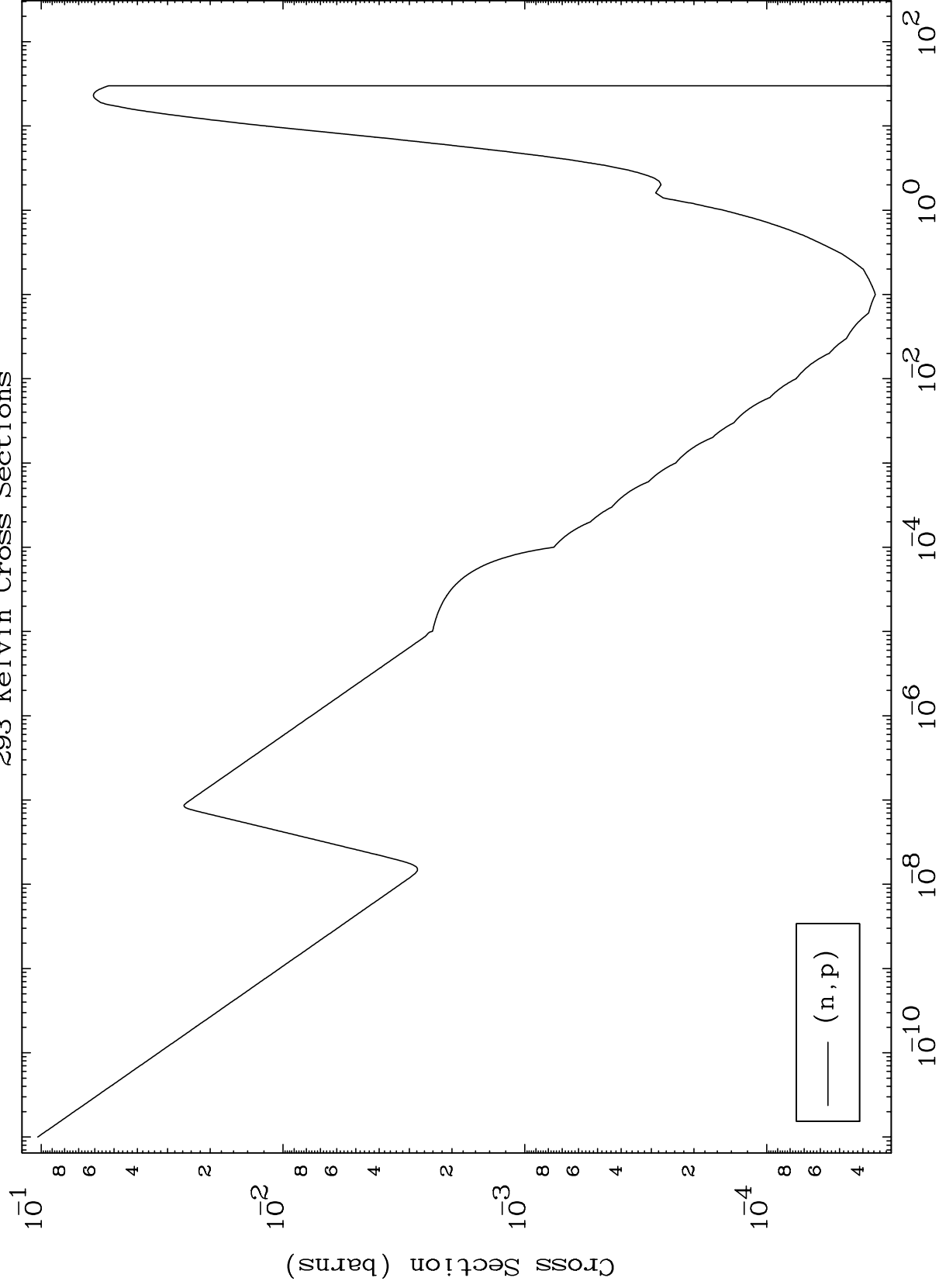
81-Tl-194m



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(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-194m



12

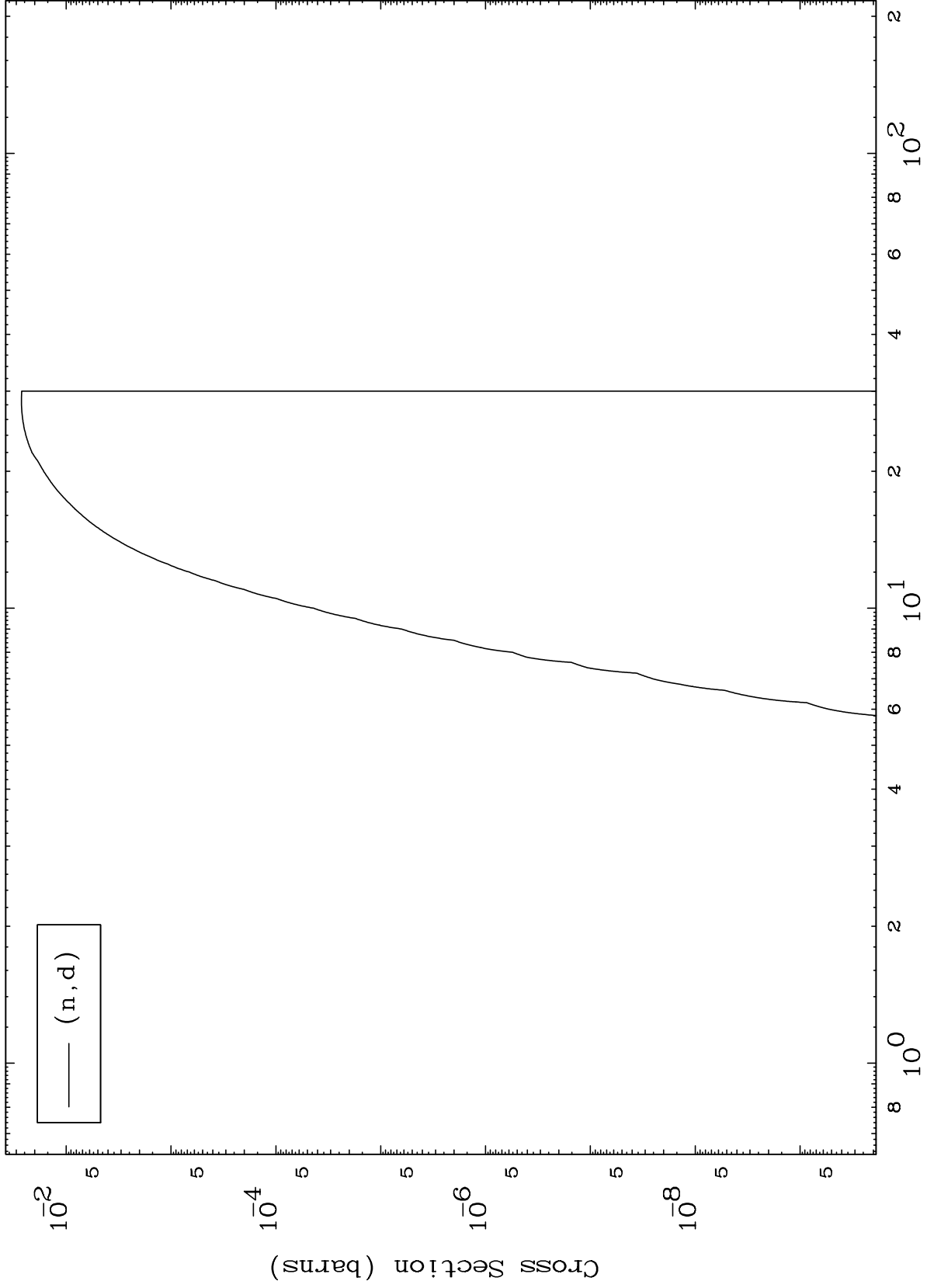
Incident Energy (MeV)

81-Tl-194m

MAT 8099

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-194m



13

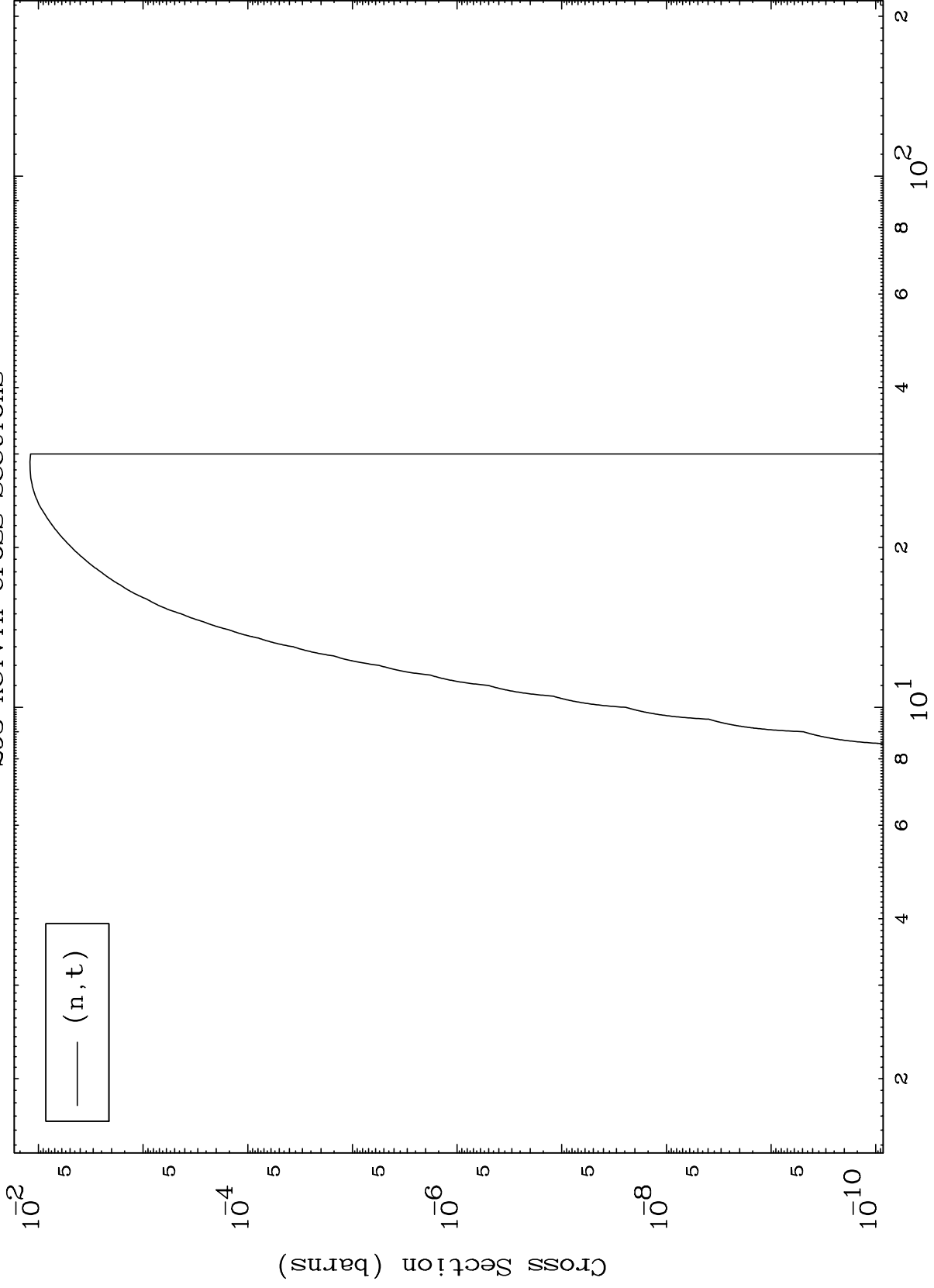
Incident Energy (MeV)

81-Tl-194m

MAT 8099

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-194m



14

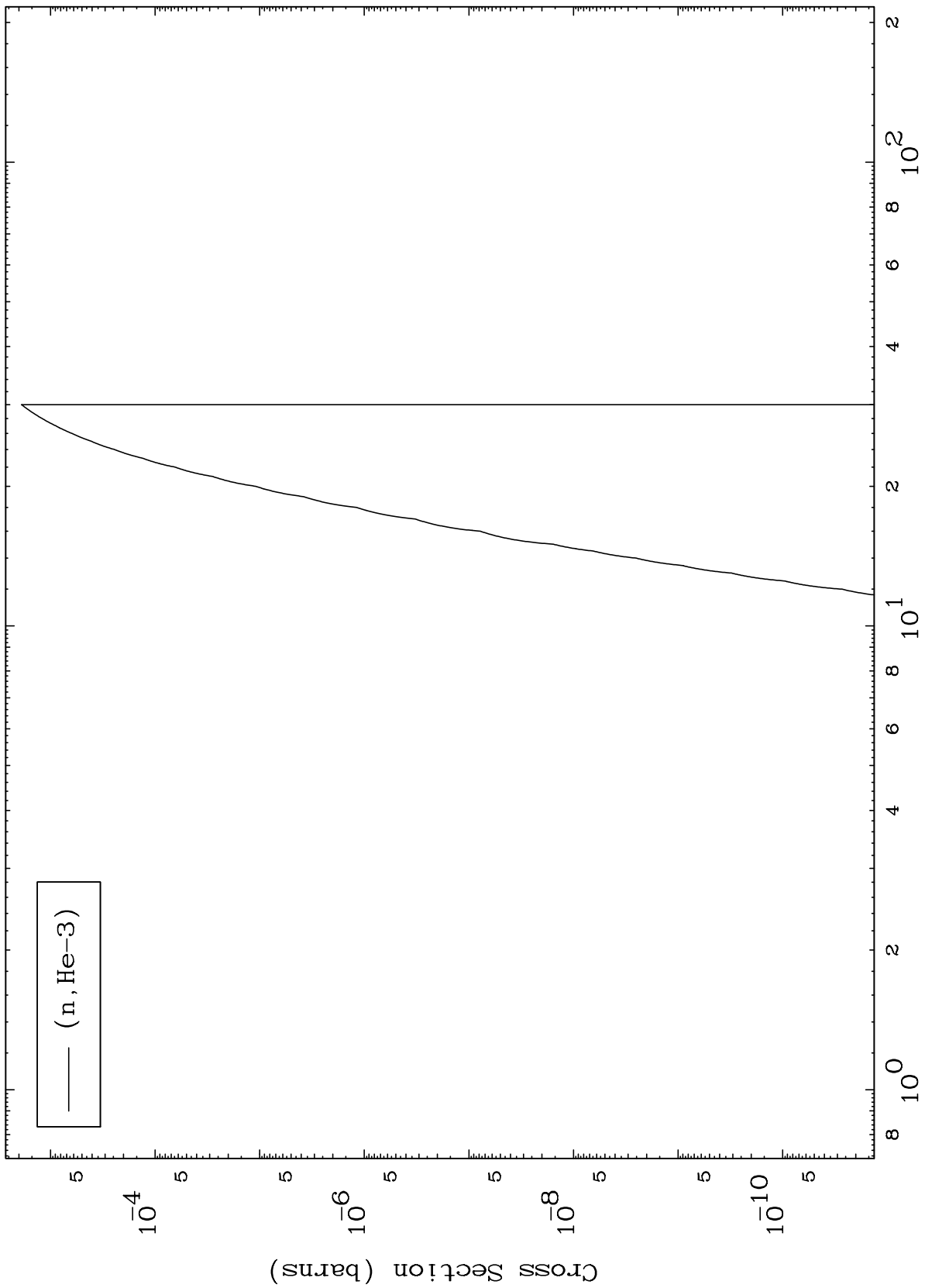
Incident Energy (MeV)

81-Tl-194m

MAT 8099

(n,He3) Levels  
293 Kelvin Cross Sections

81-Tl-194m



15

Incident Energy (MeV)

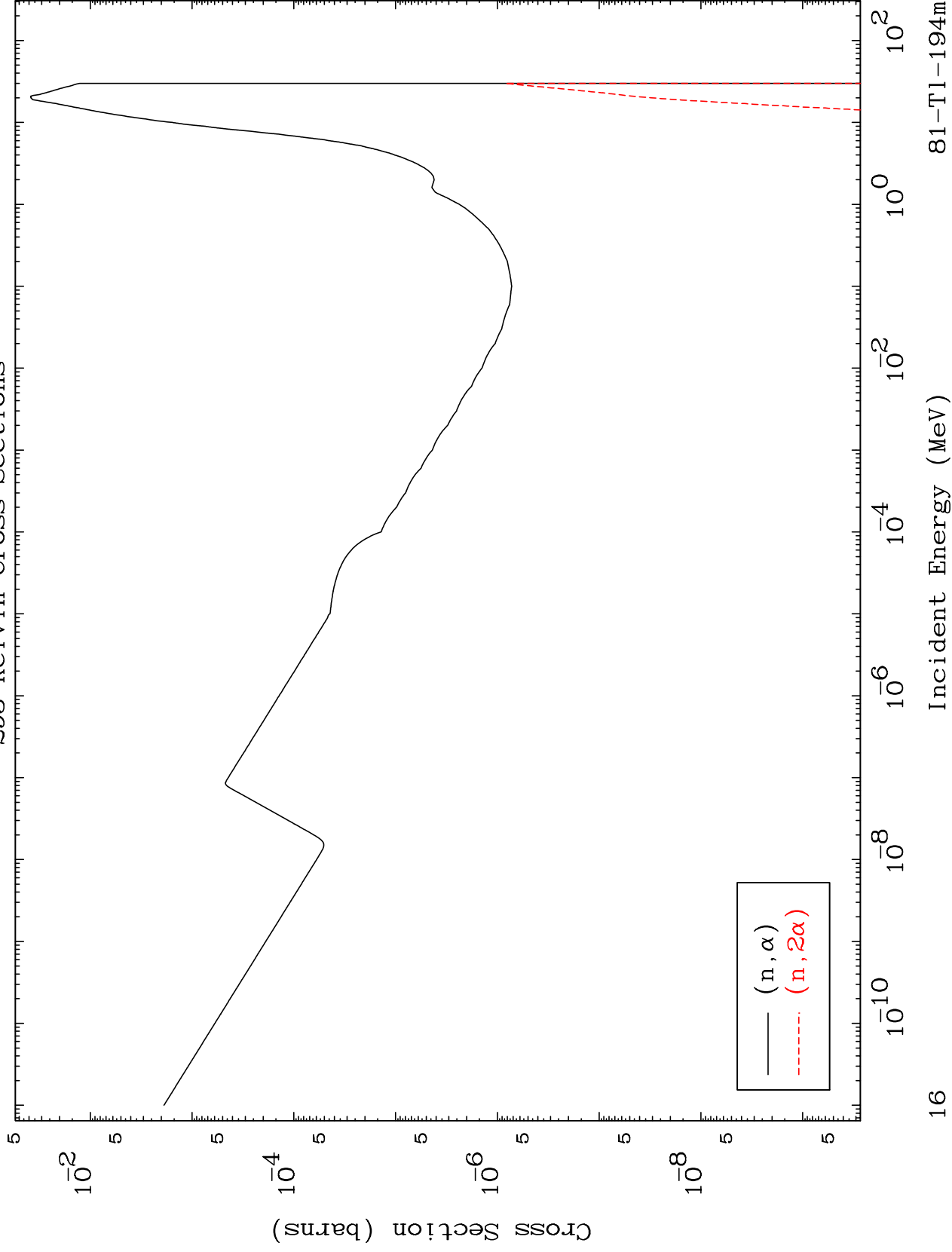
81-Tl-194m

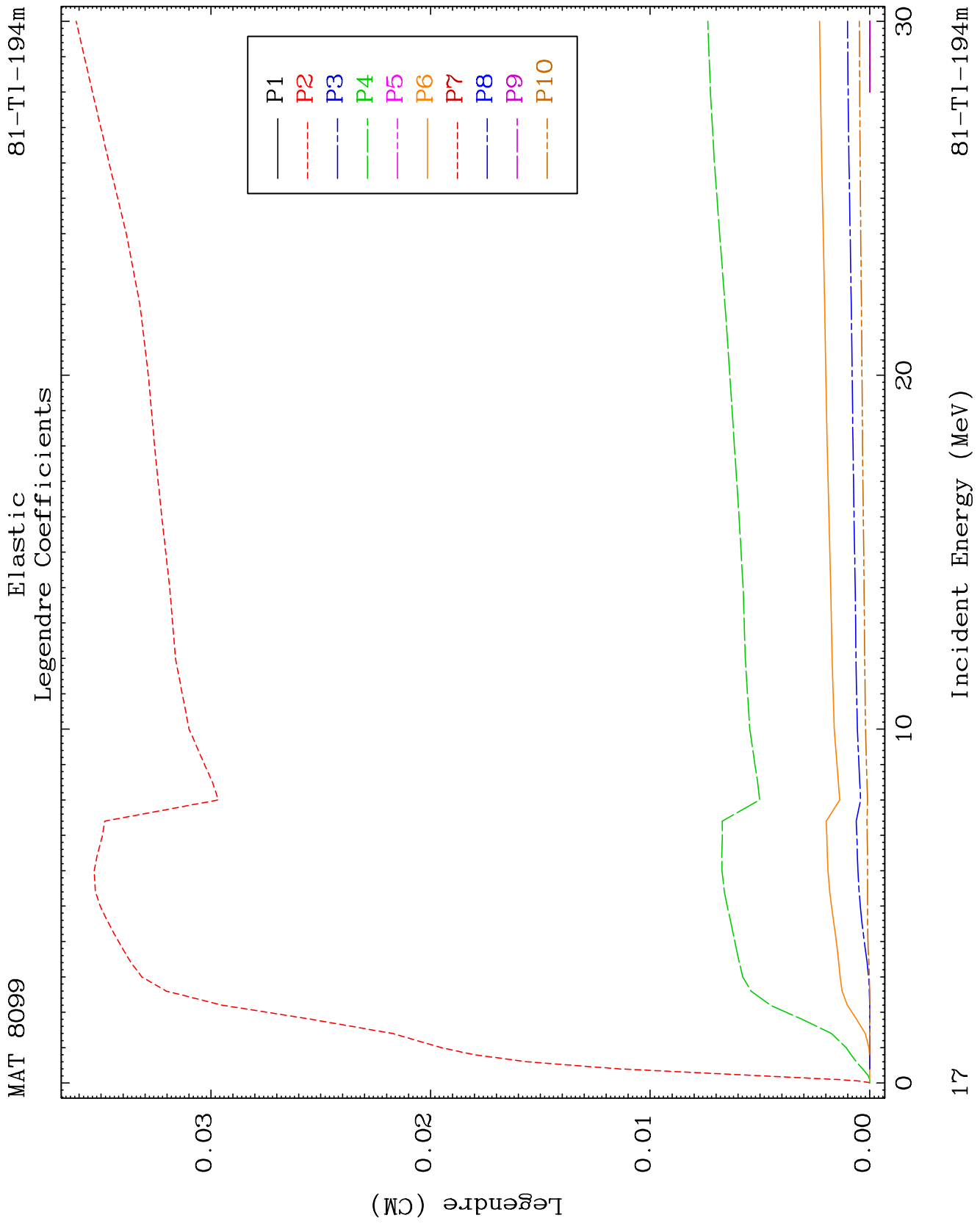


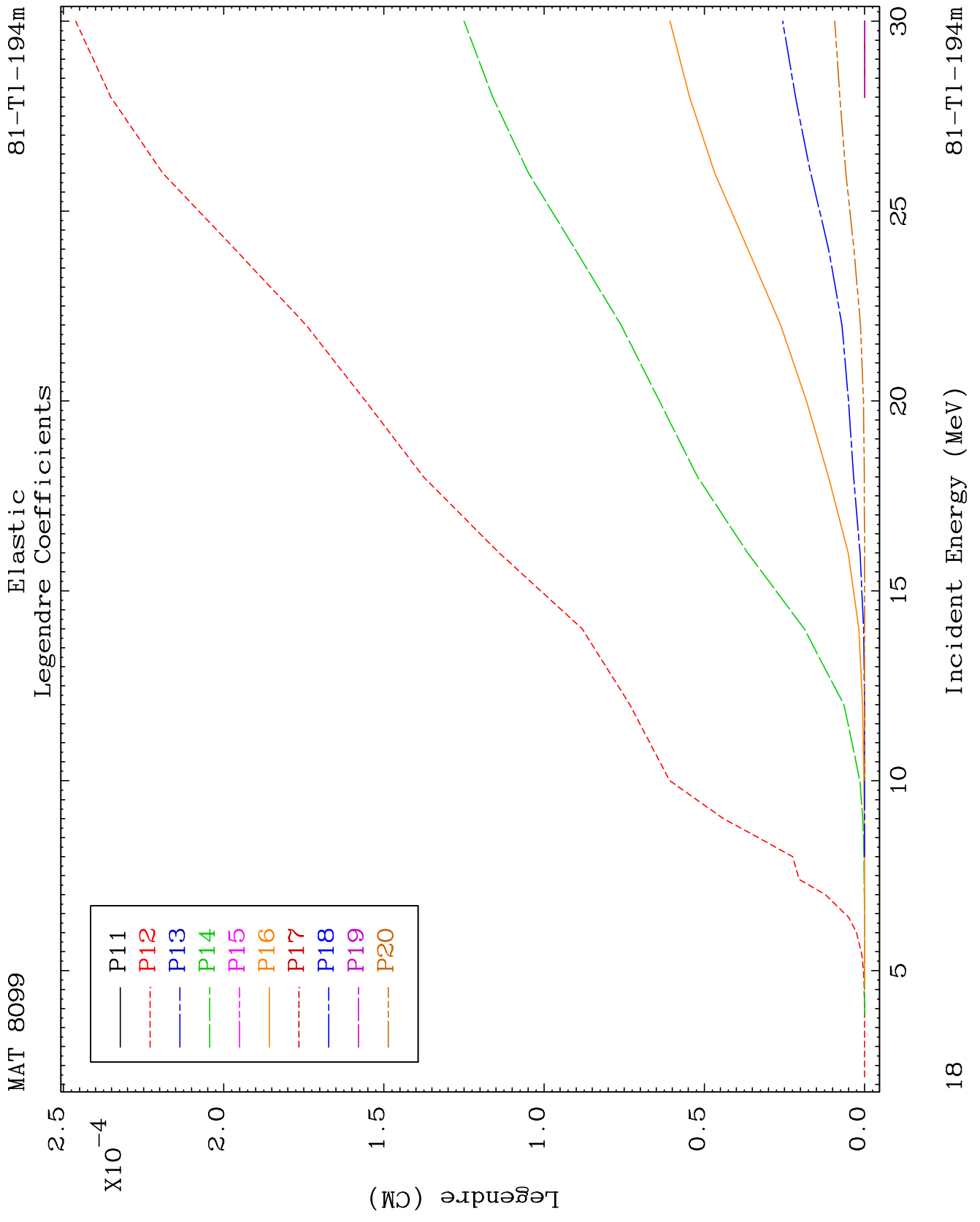
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(n,α) Levels  
293 Kelvin Cross Sections

81-Tl-194m



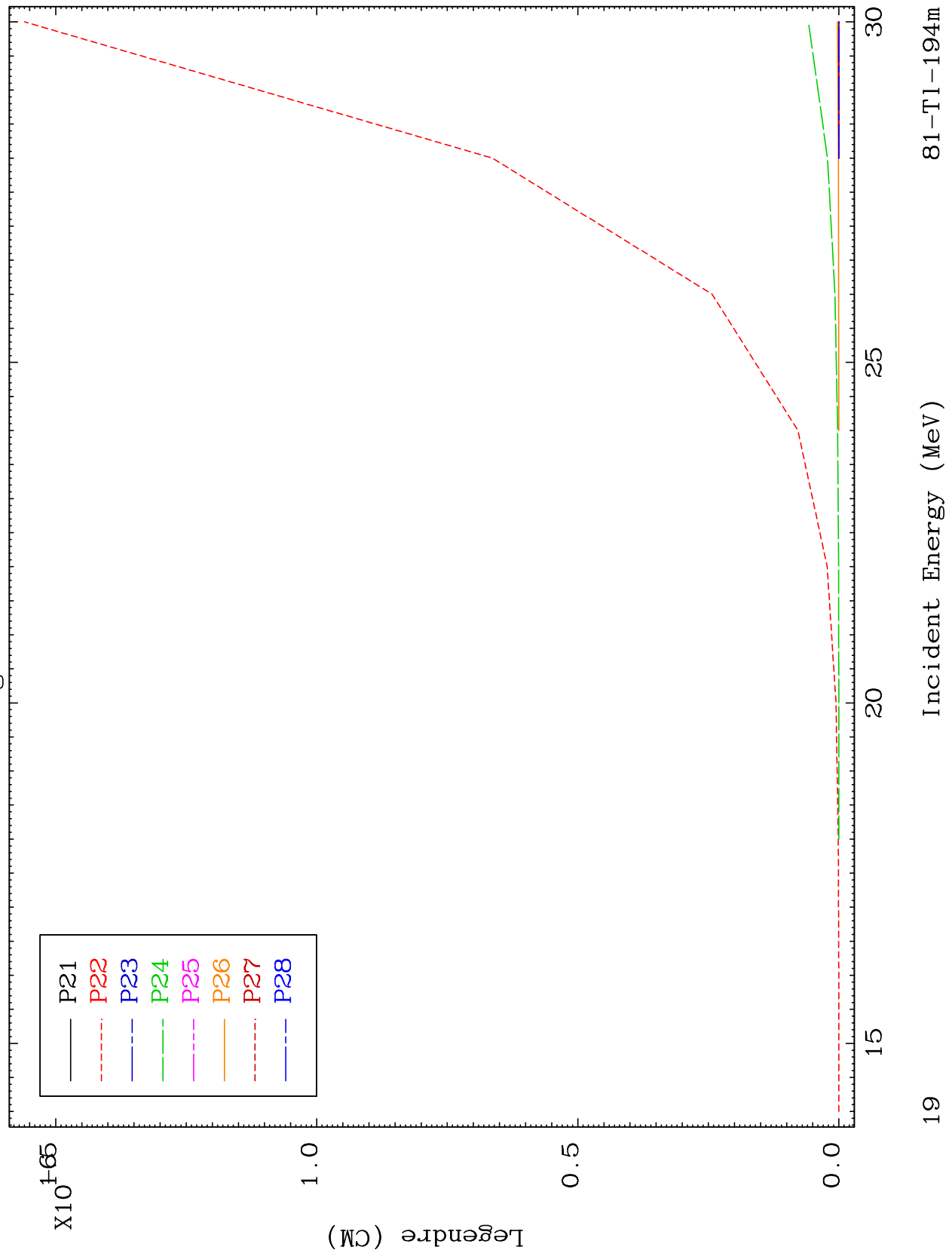




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Elastic Legendre Coefficients

81-TI-194m



19

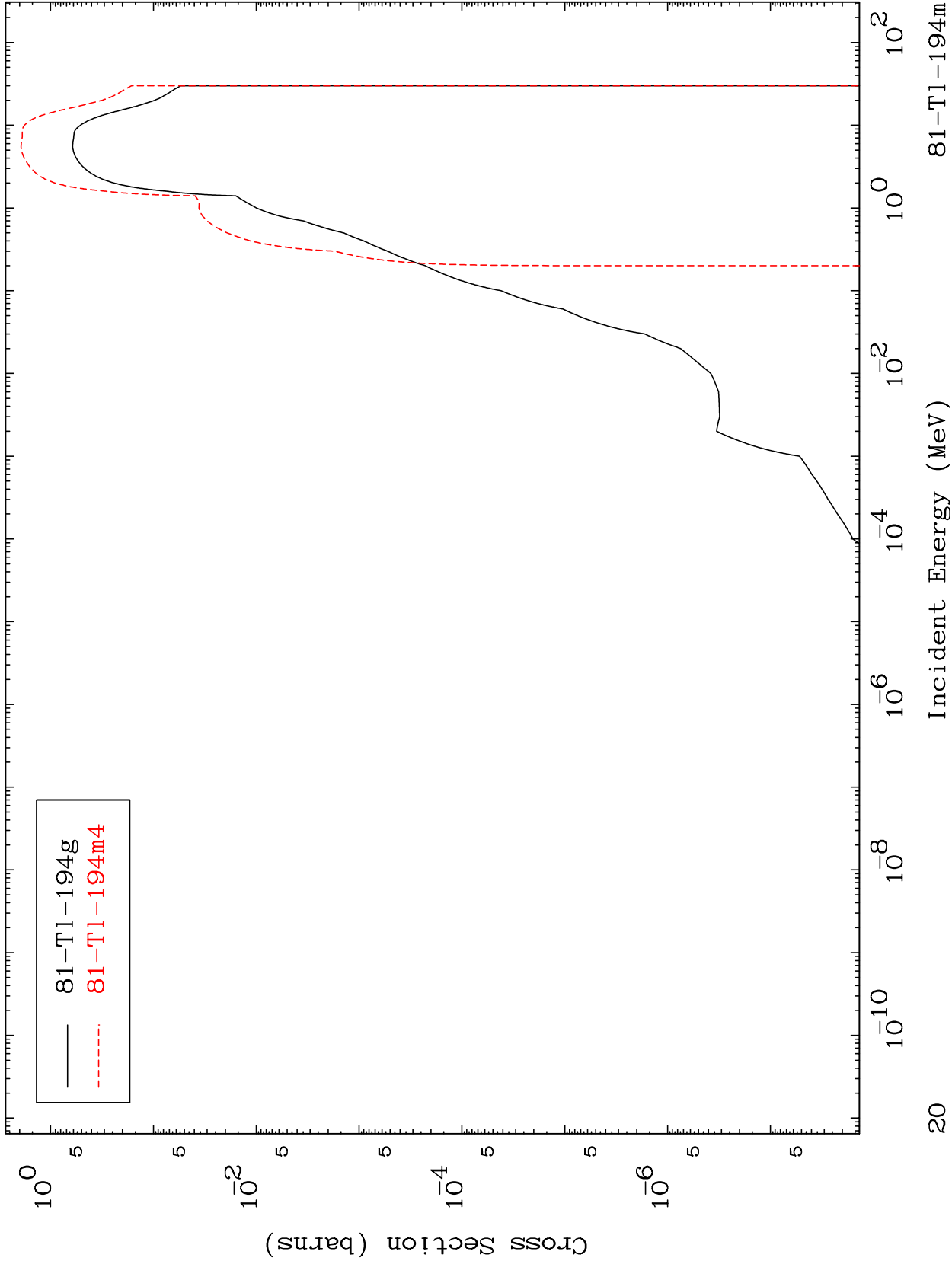
Incident Energy (MeV)

81-TI-194m

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Inelastic  
Radionuclide Production Cross Section

81-Tl-194m

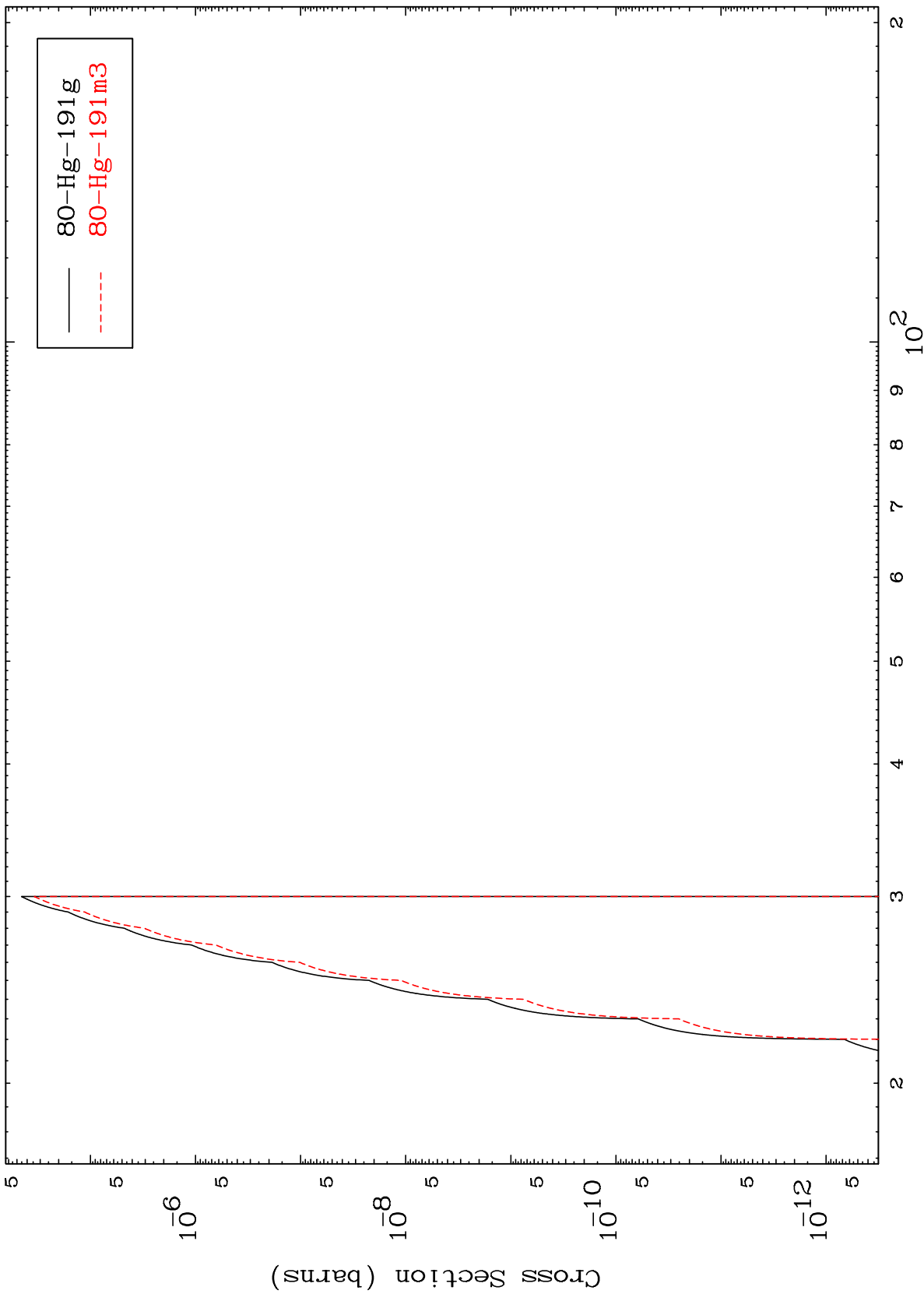


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(n,2n) d

81-TI-194m

Radionuclide Production Cross Section

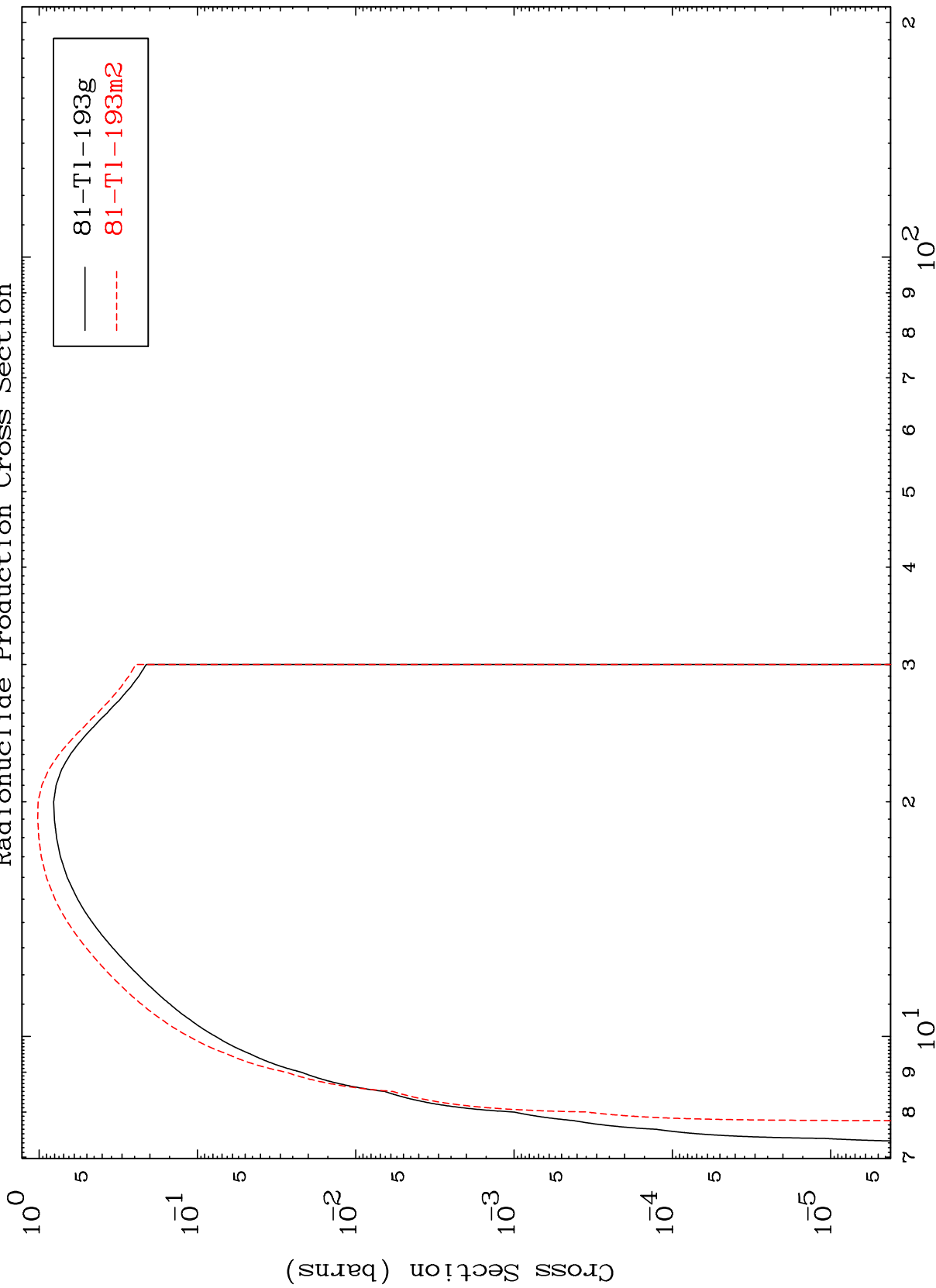


80-Hg-191g  
80-Hg-191m3

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81-Tl-194m

(n,2n)  
Radionuclide Production Cross Section



81-Tl-193g  
81-Tl-193m2

22

Incident Energy (MeV)

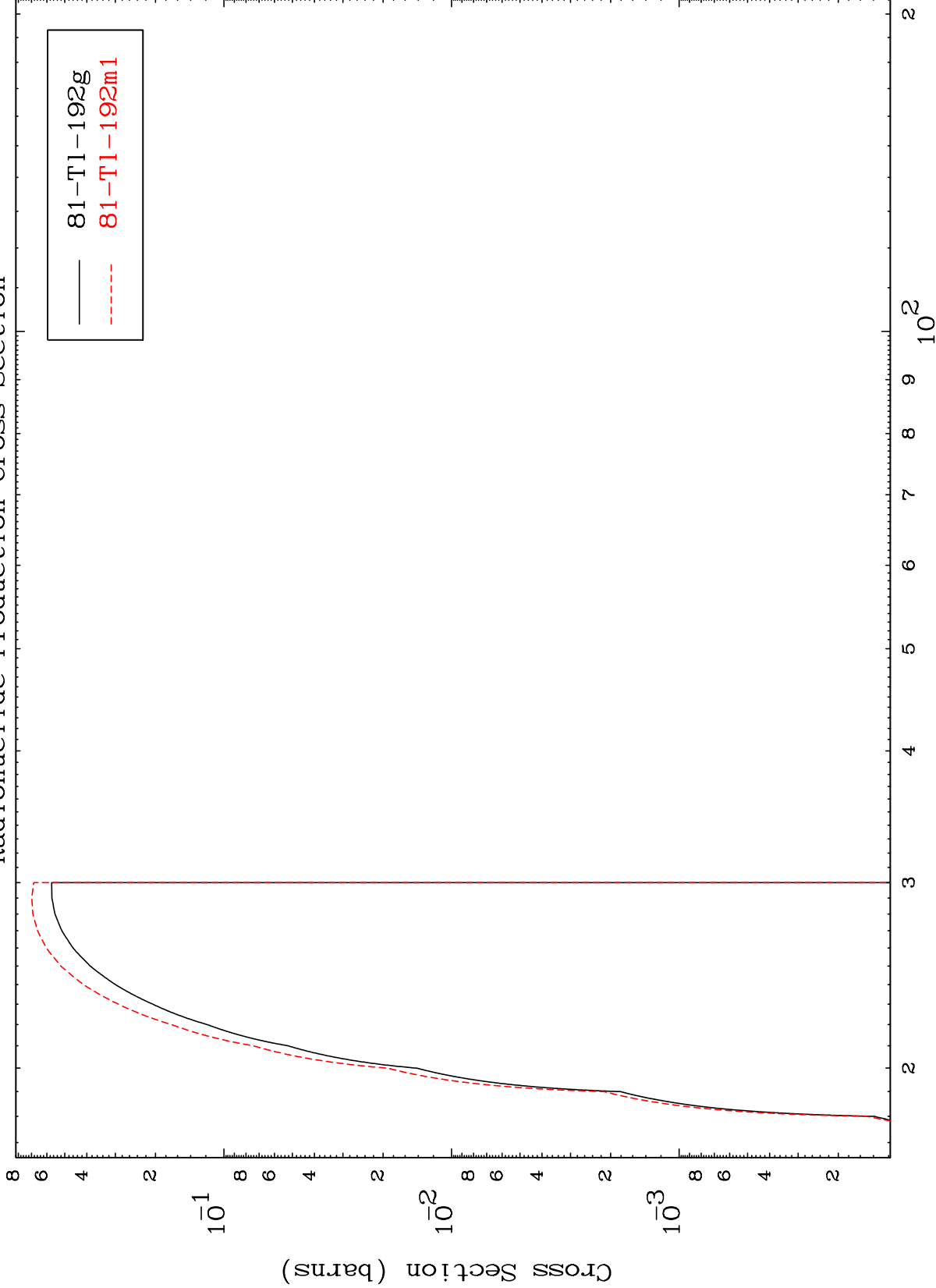
81-Tl-194m

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(n,3n)

81-Tl-194m

Radionuclide Production Cross Section



81-Tl-192g  
81-Tl-192m1

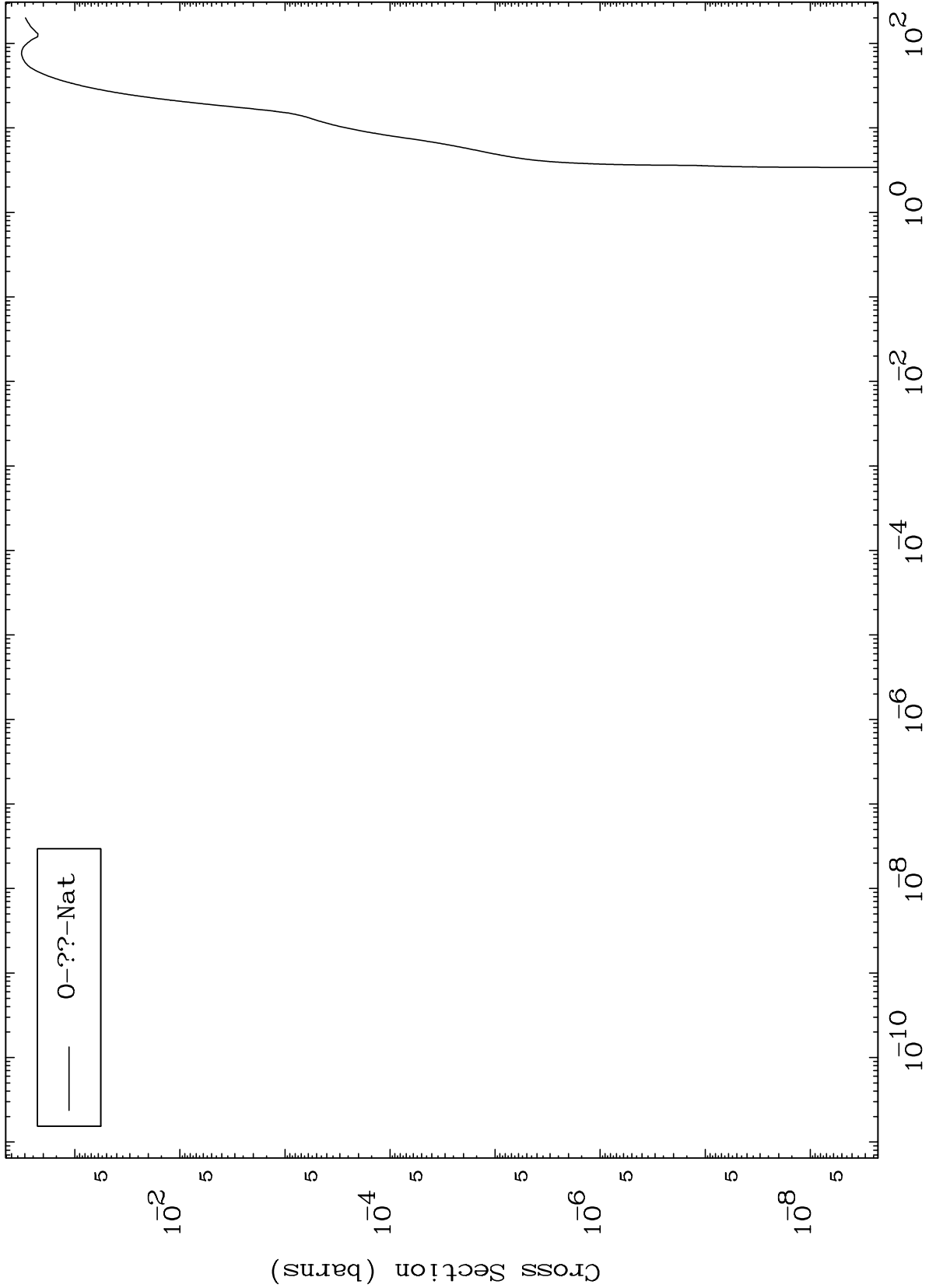


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Fission

81-Tl-194m

Radionuclide Production Cross Section

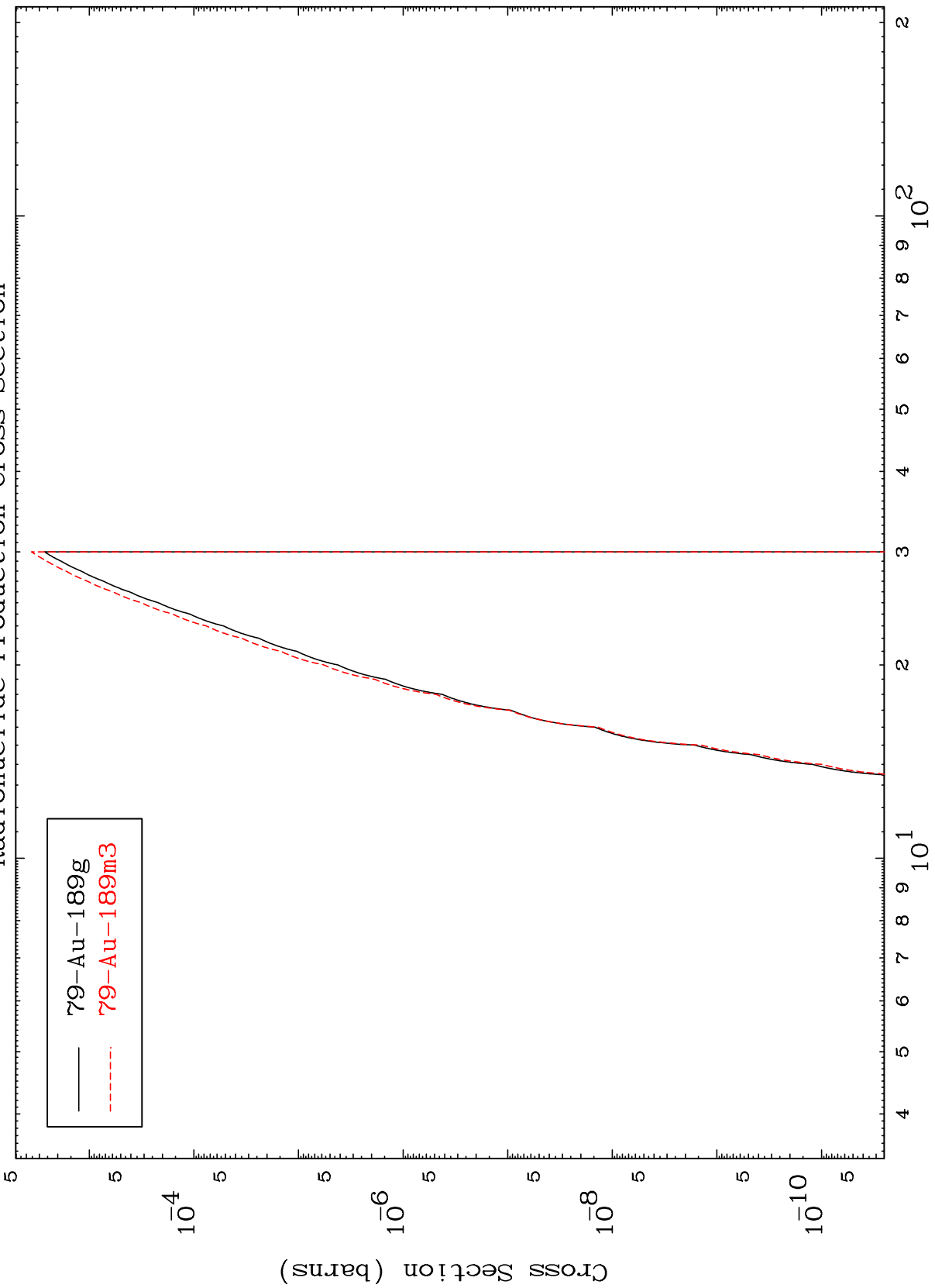


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(n,2n)  $\alpha$

81-TI-194m

Radionuclide Production Cross Section



79-Au-189g  
79-Au-189m3

25

Incident Energy (MeV)

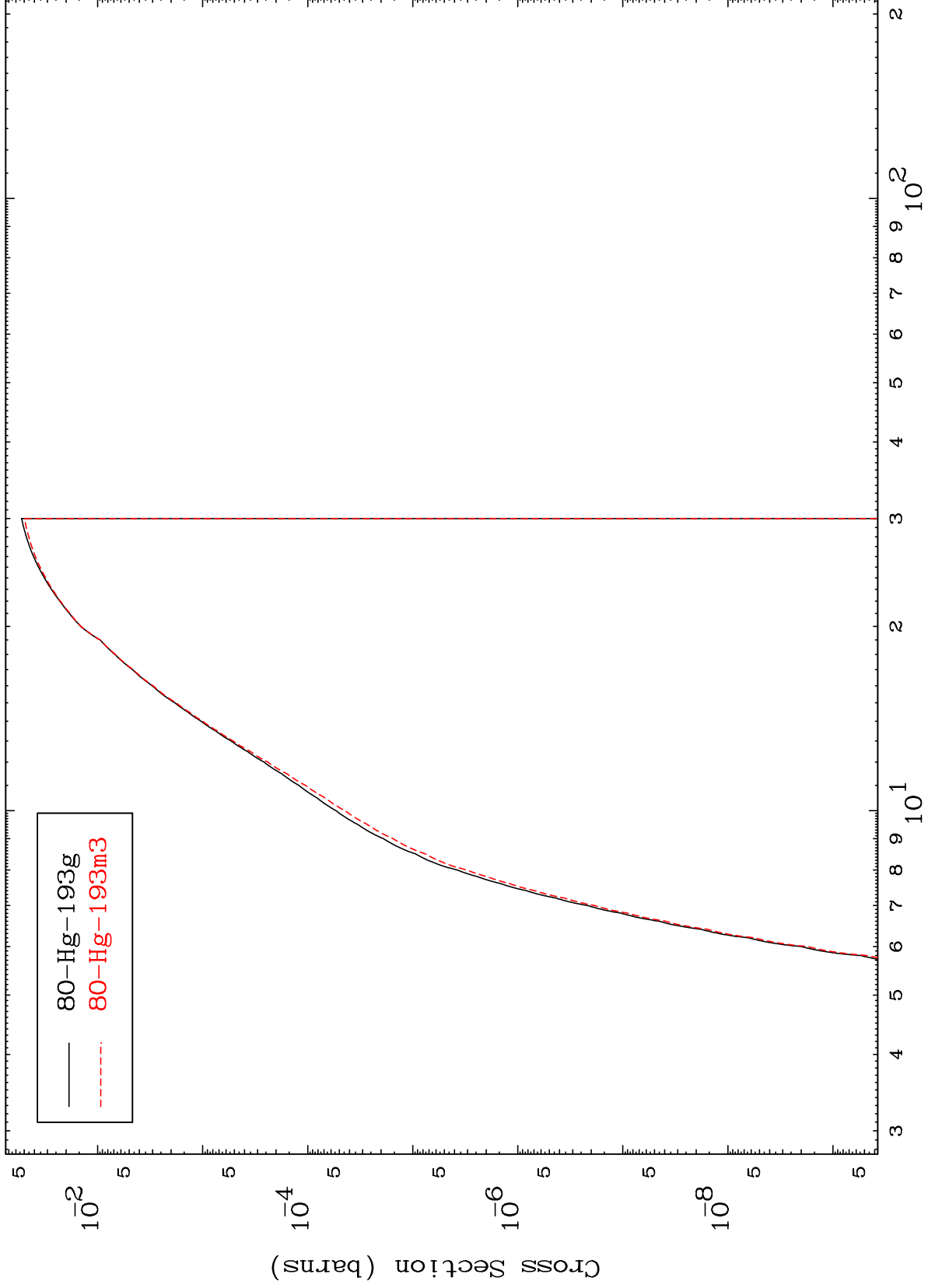
81-TI-194m

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(n,n') p

81-Tl-194m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

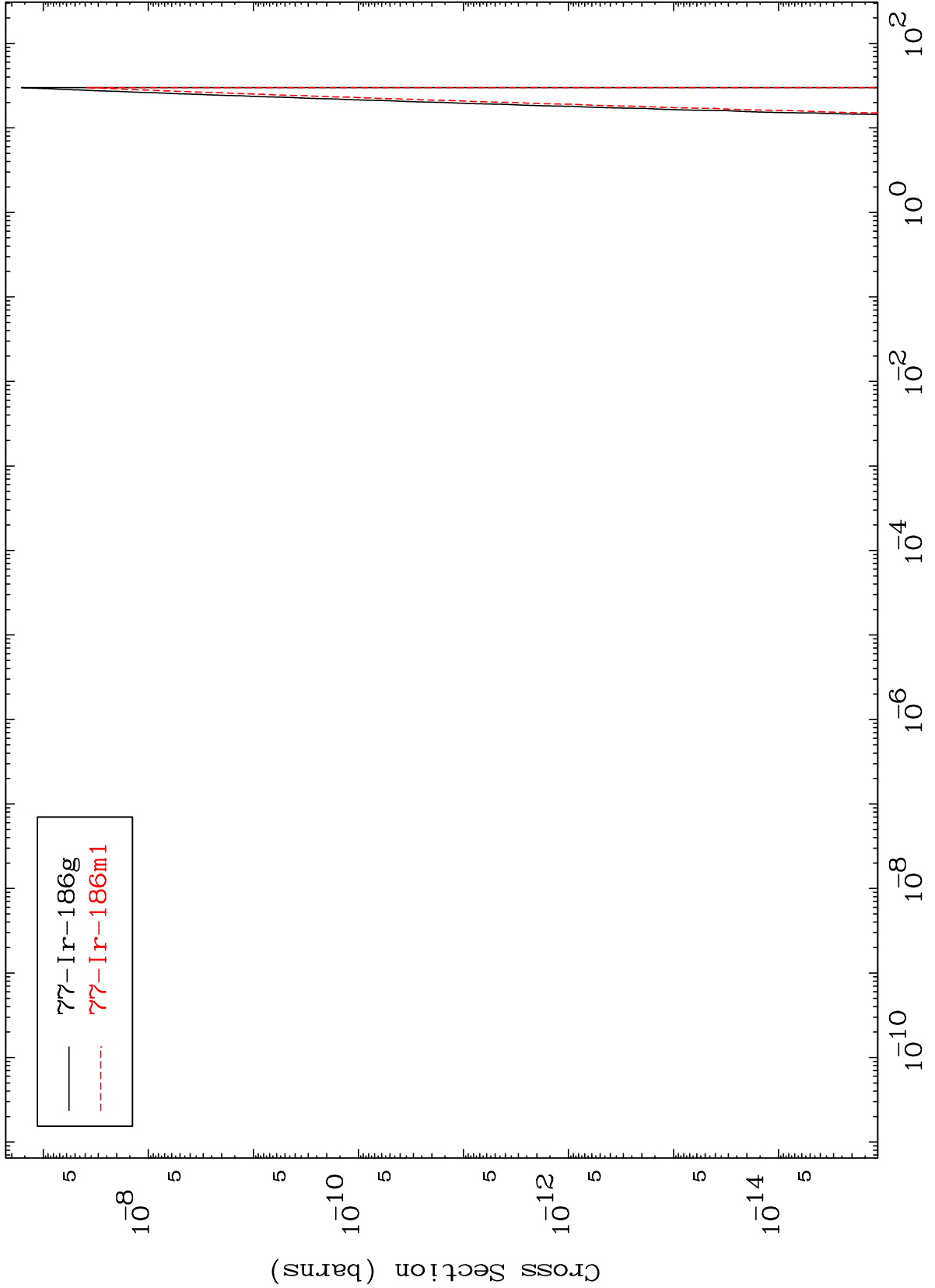
81-Tl-194m

MAT 8099

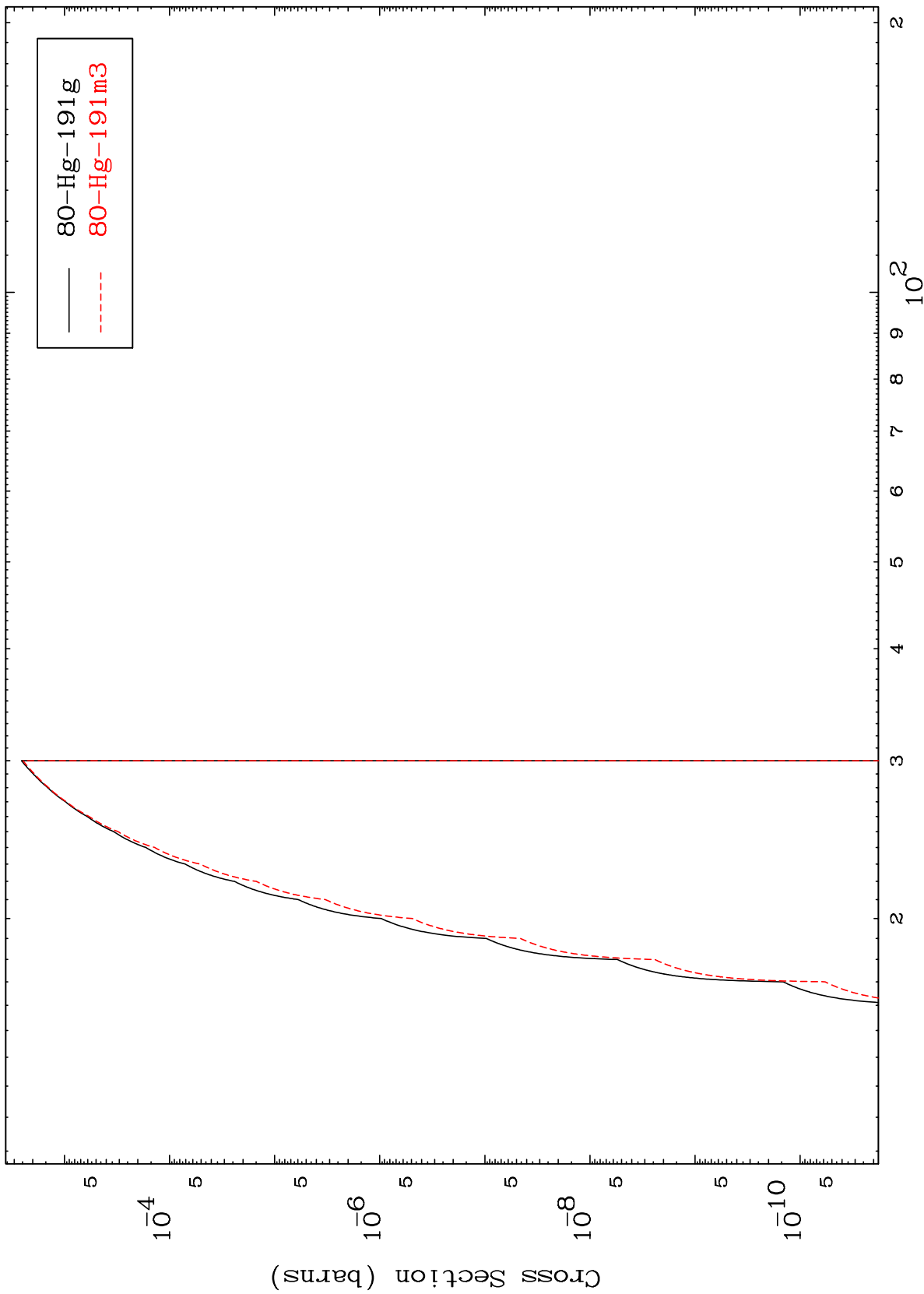
(n,n') 2 $\alpha$

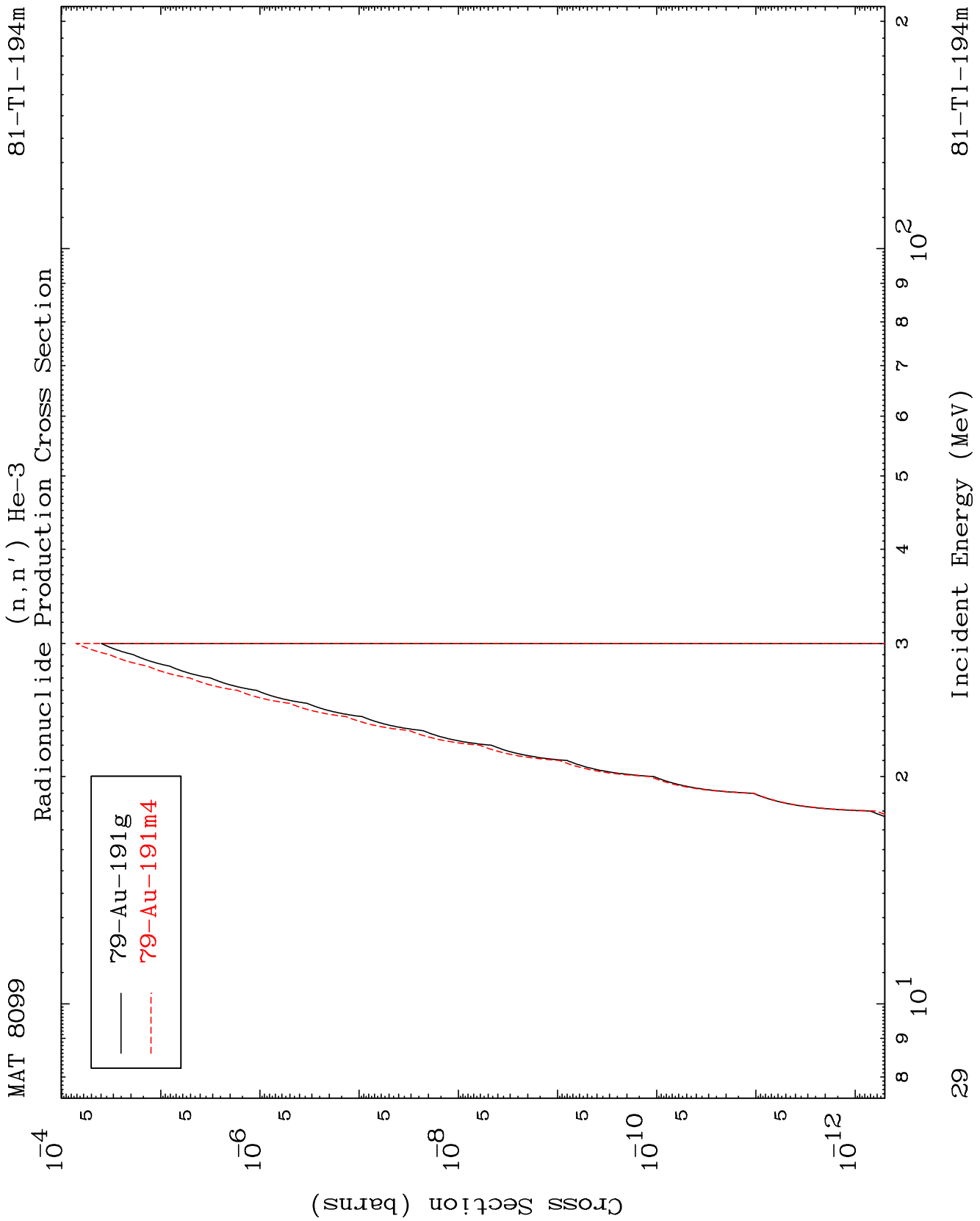
81-Tl-194m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

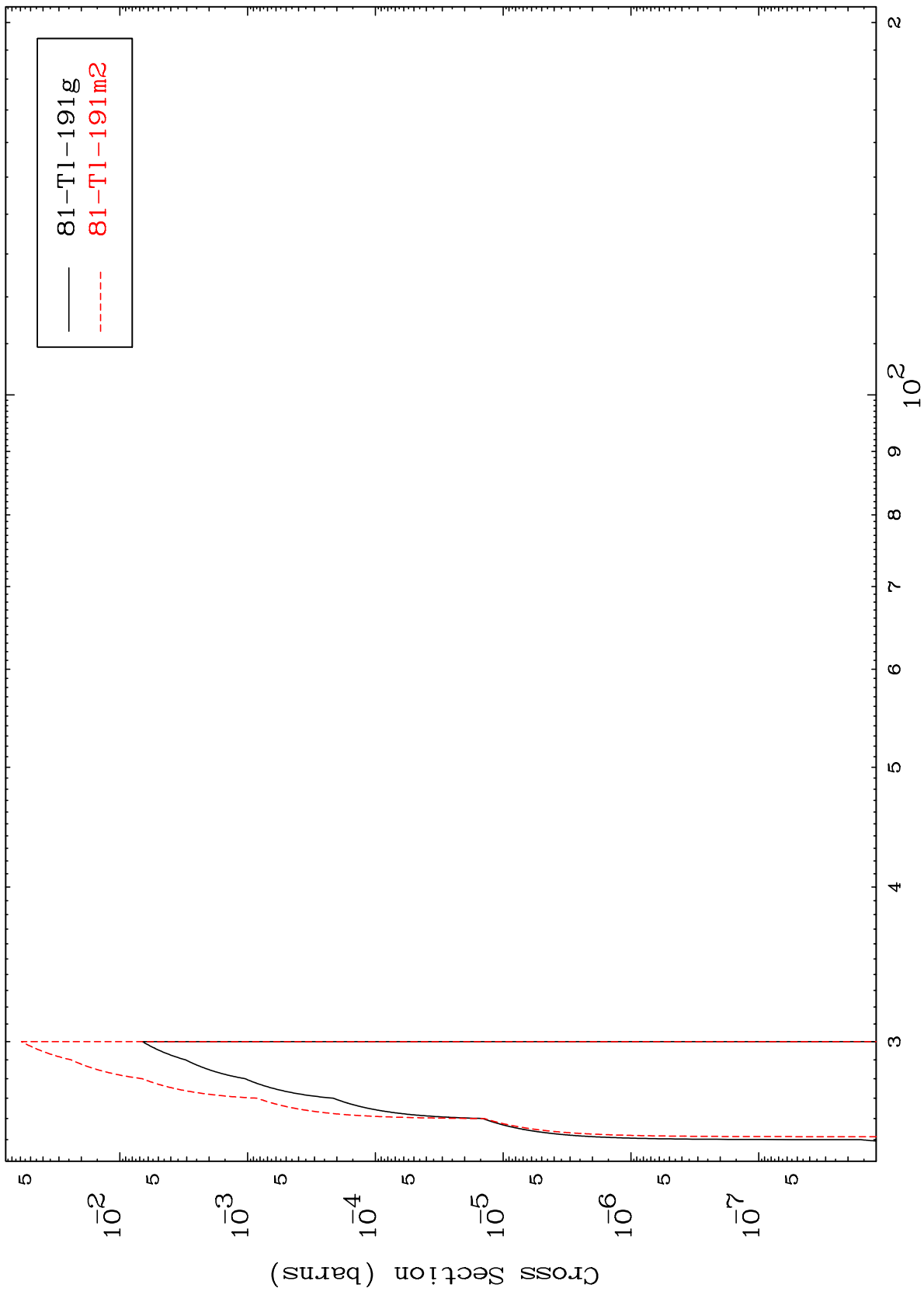




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81-Tl-194m

(n,4n)  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

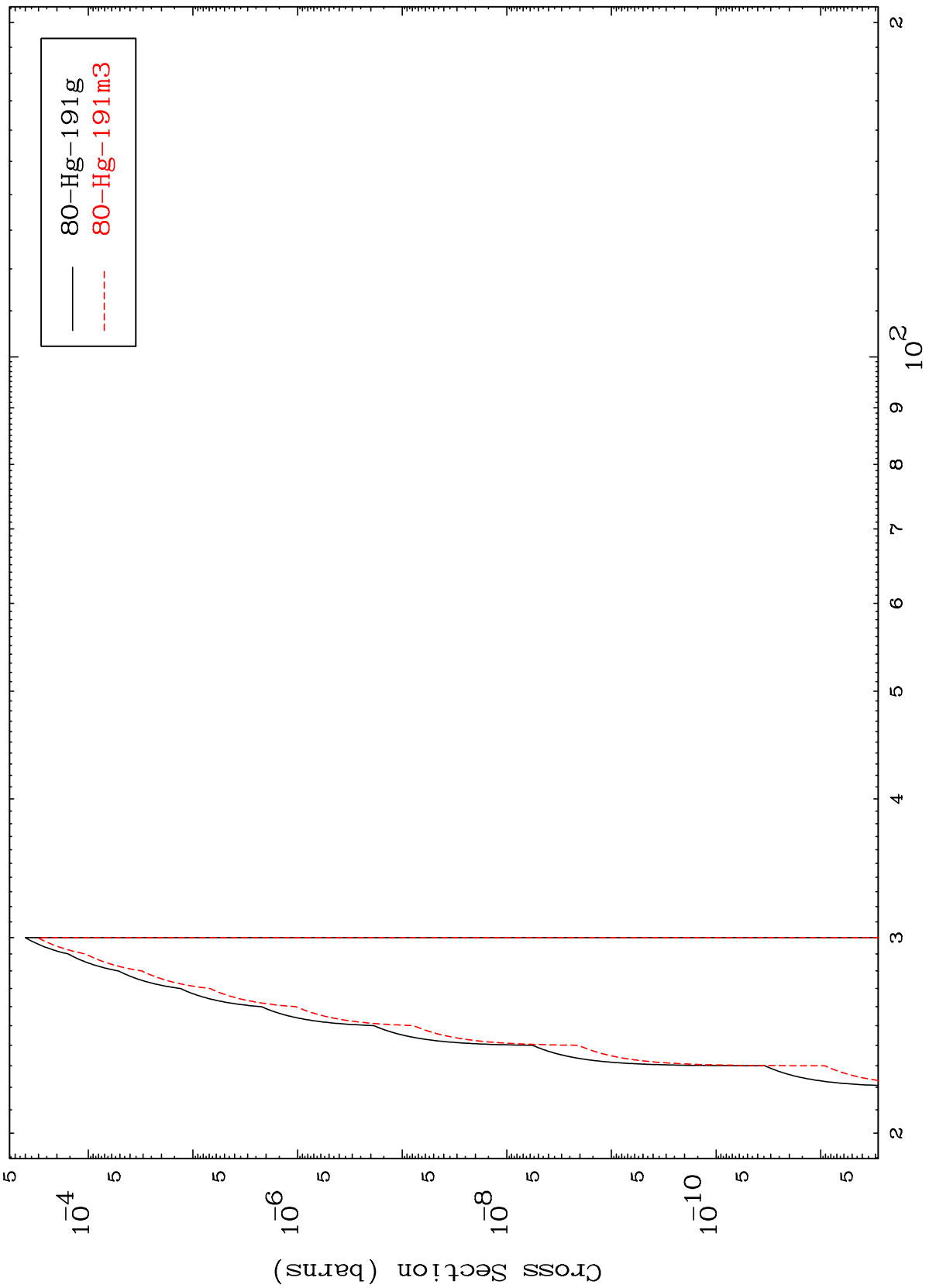
81-Tl-194m

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(n,3n) p

81-Tl-194m

Radionuclide Production Cross Section



31

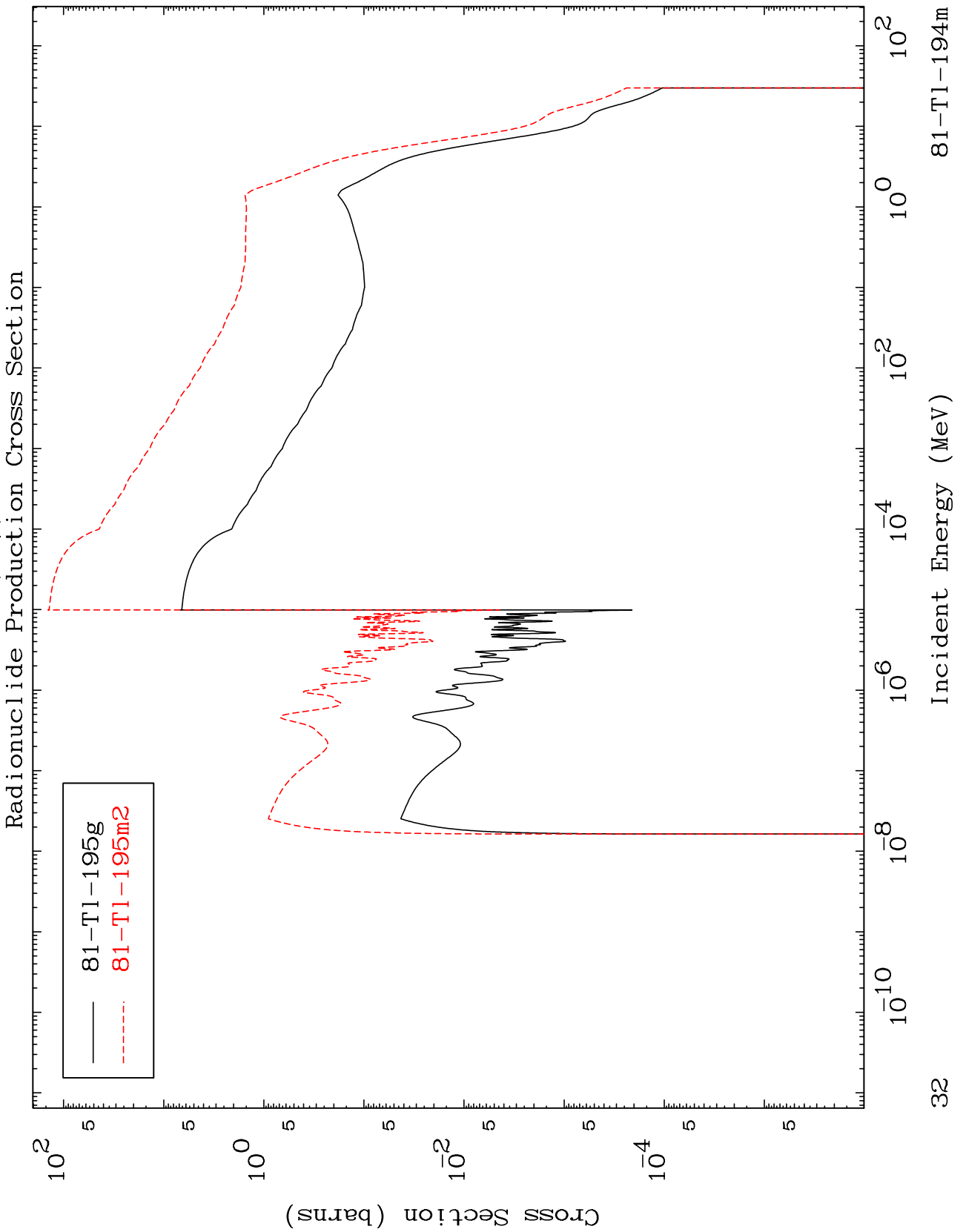
Incident Energy (MeV)

81-Tl-194m



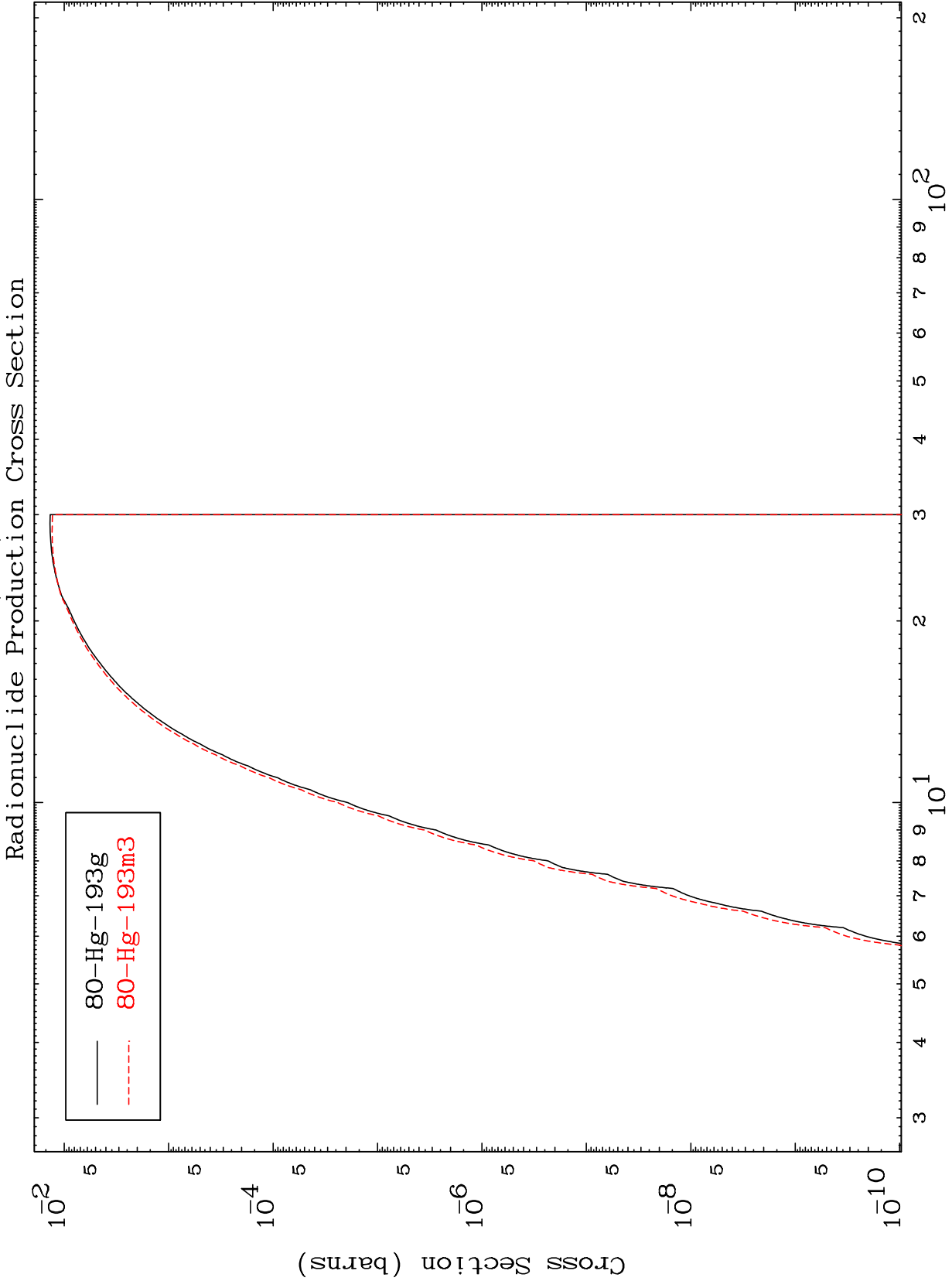
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81-Tl-194m



MAT 8099

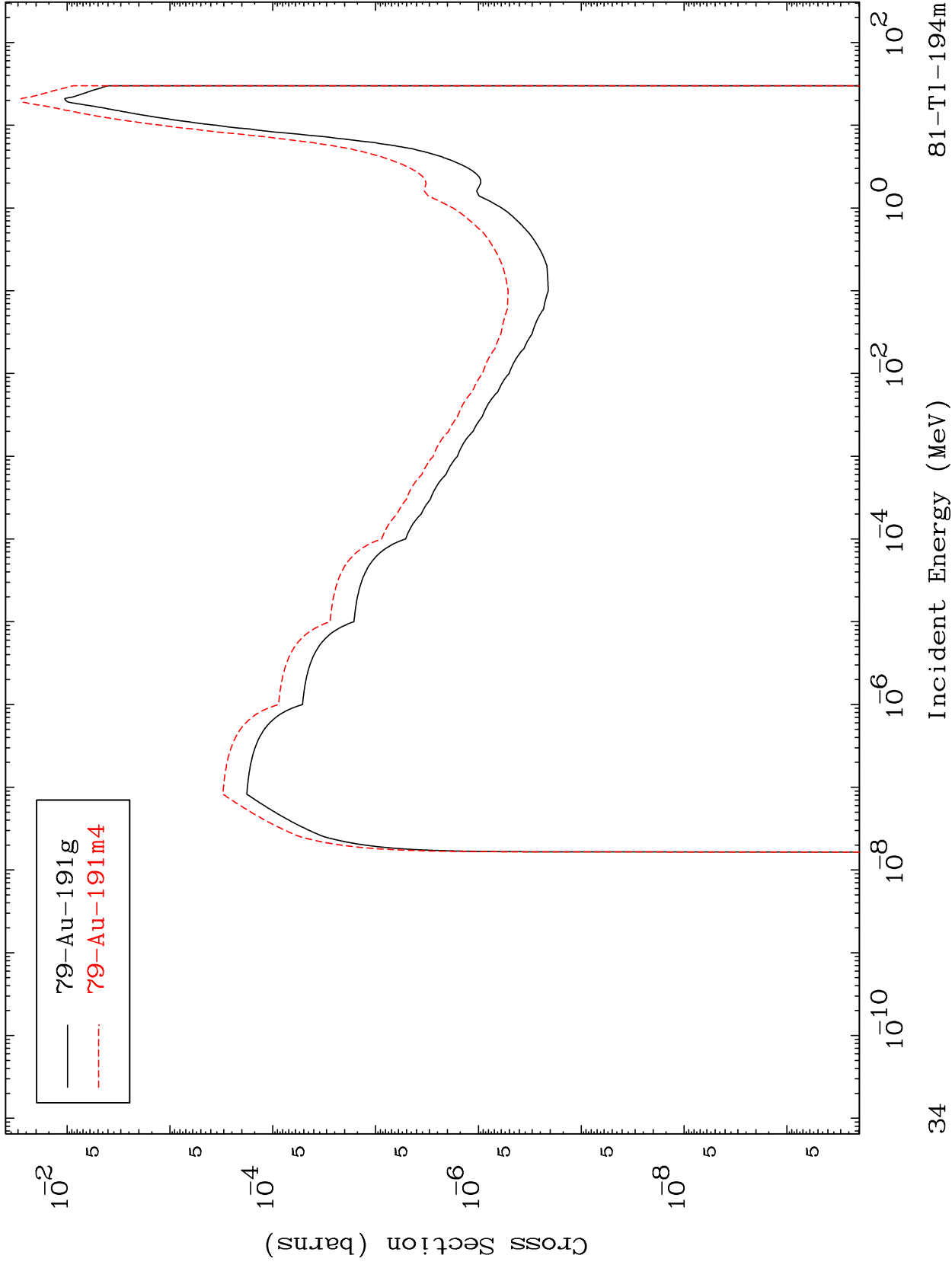
81-Tl-194m



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81-Tl-194m

Radionuclide Production Cross Section  
(n,  $\alpha$ )

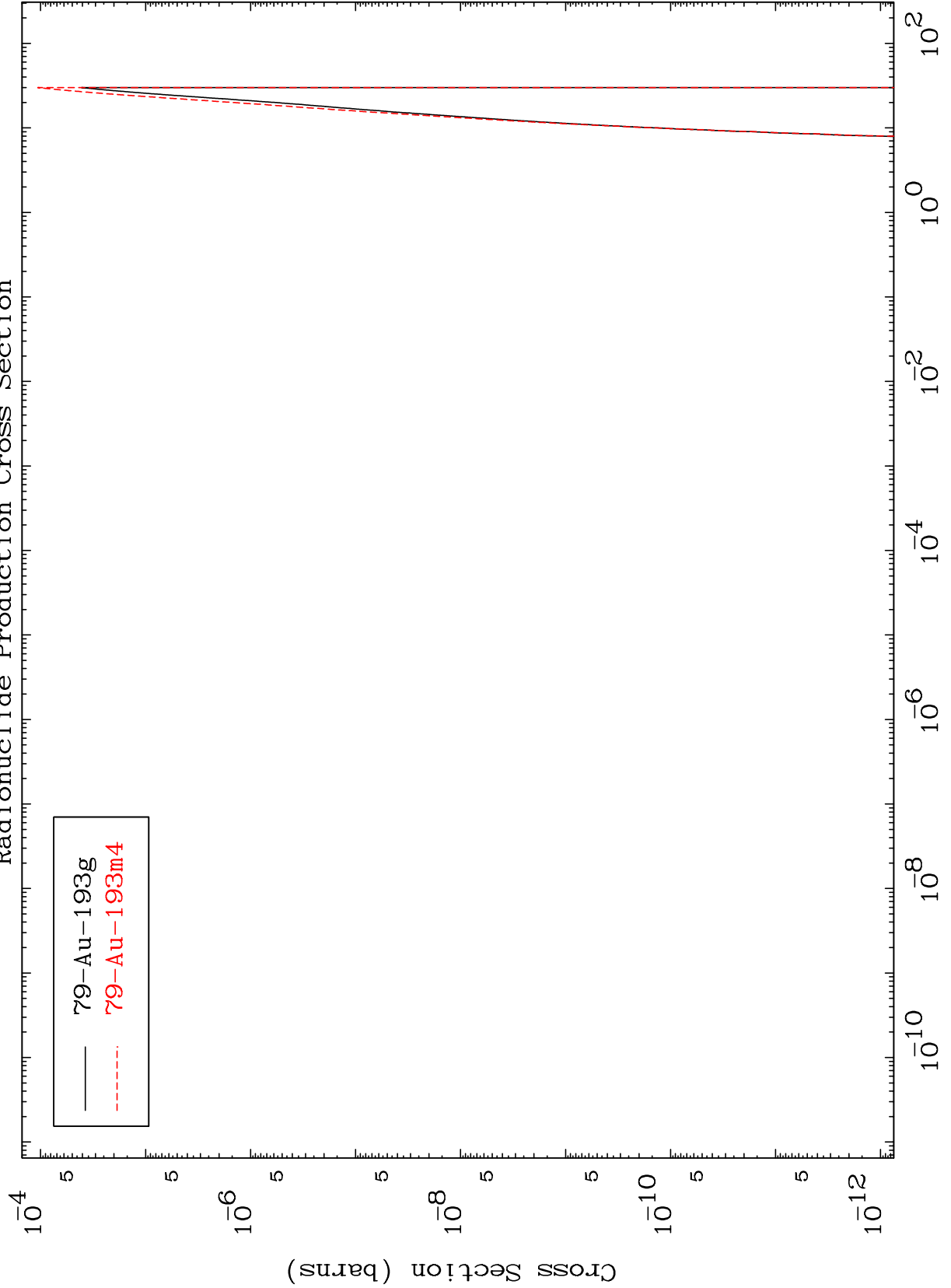


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(n,2p)

81-Tl-194m

Radionuclide Production Cross Section



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

Incident Energy (MeV)

81-Tl-194m

35

MAT 8099

(n,p) t

81-Tl-194m

