

Program EVALPLOT  
(Version 2021-1)

by

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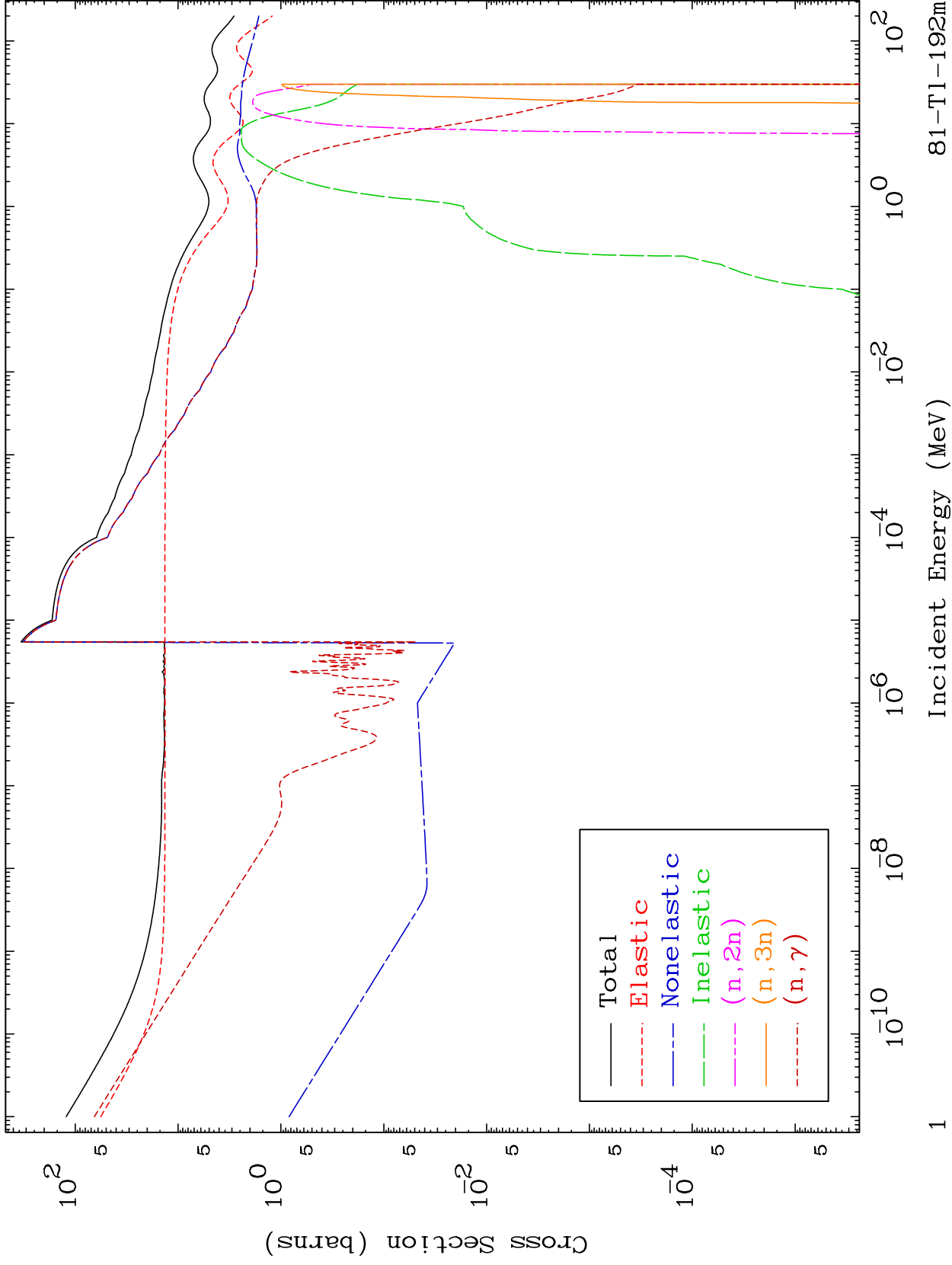
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8093

Neutron Major  
293 Kelvin Cross Sections

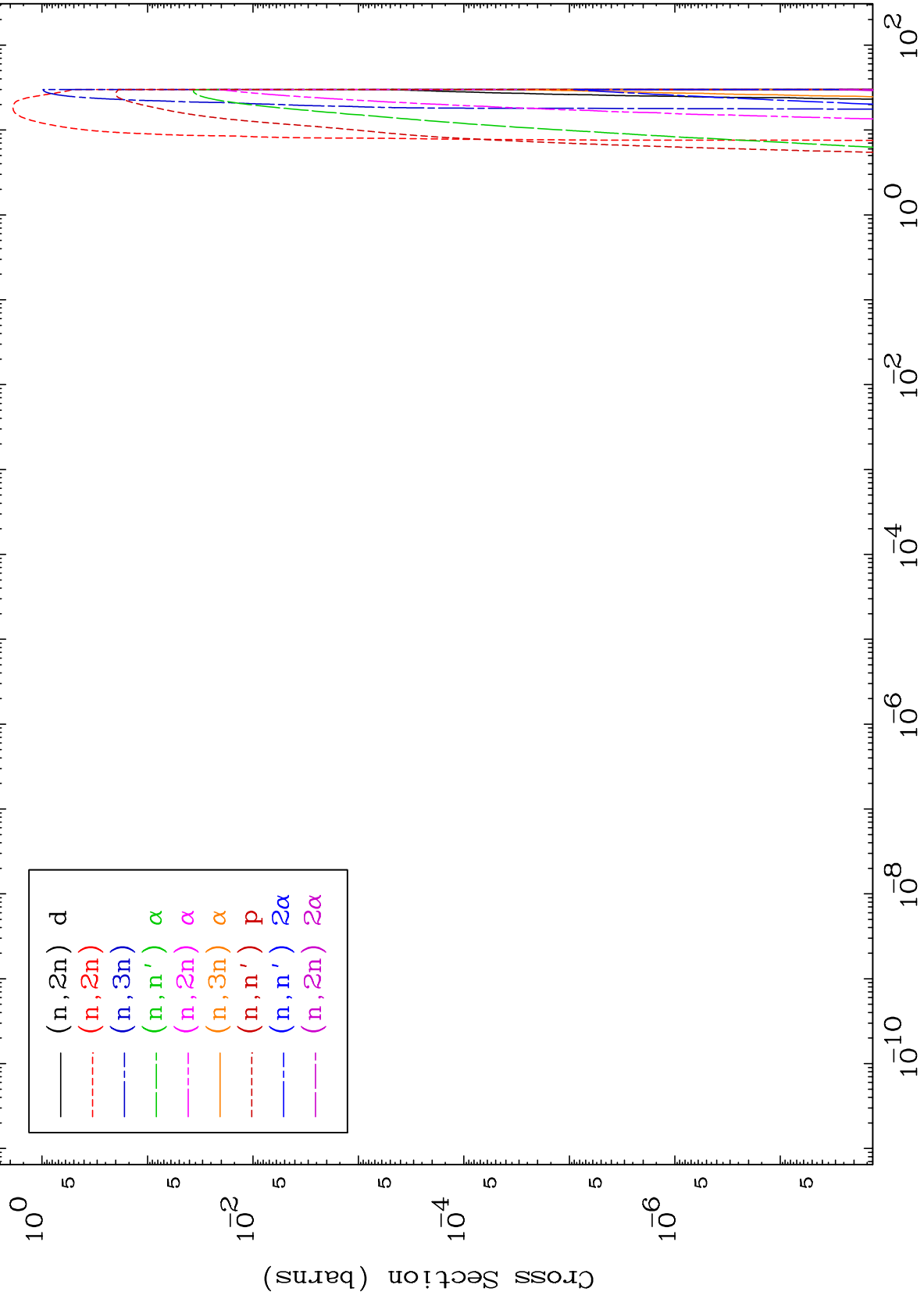
81-TI-192m



MAT 8093

Neutron Absorption  
293 Kelvin Cross Sections

81-TI-192m



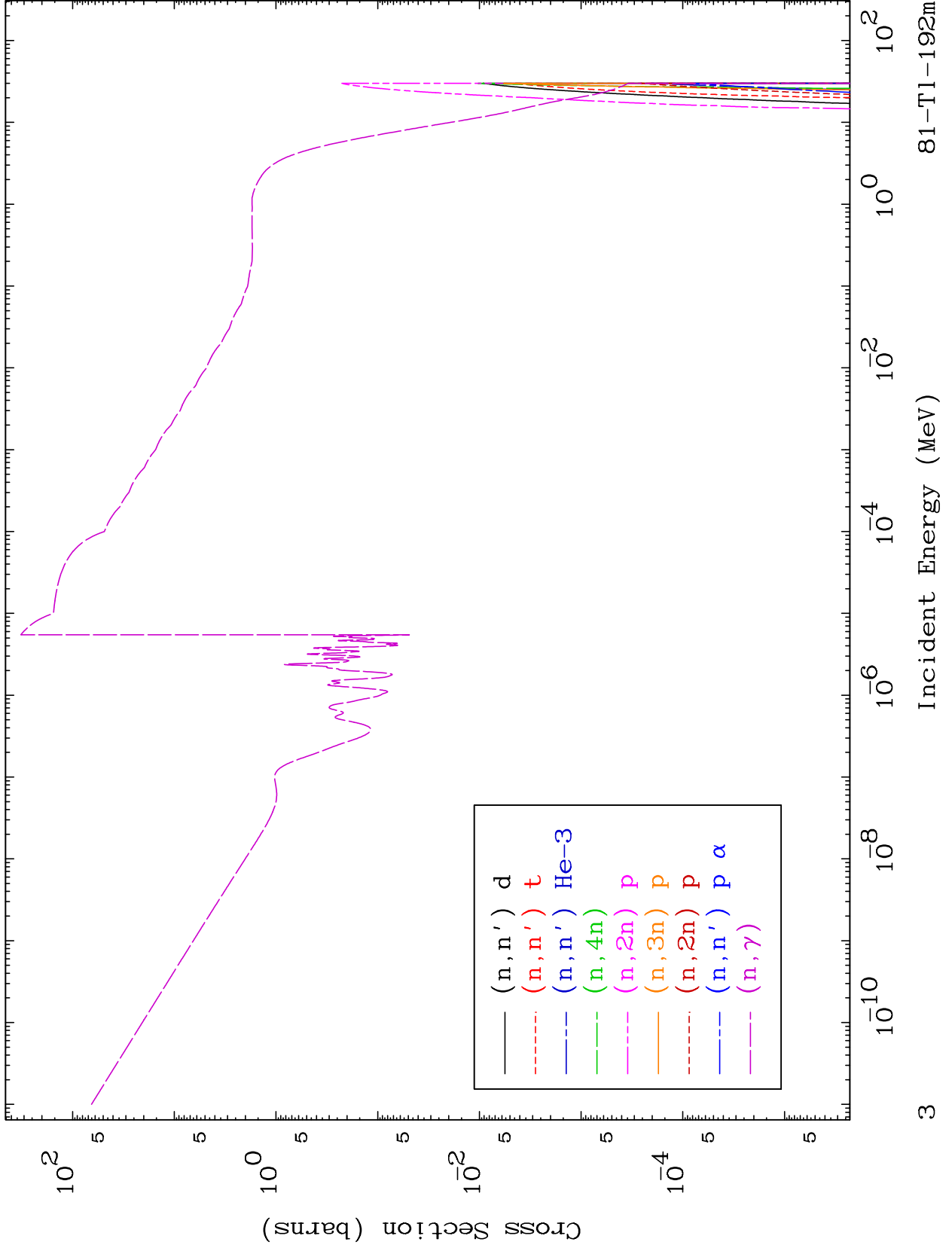
81-TI-192m

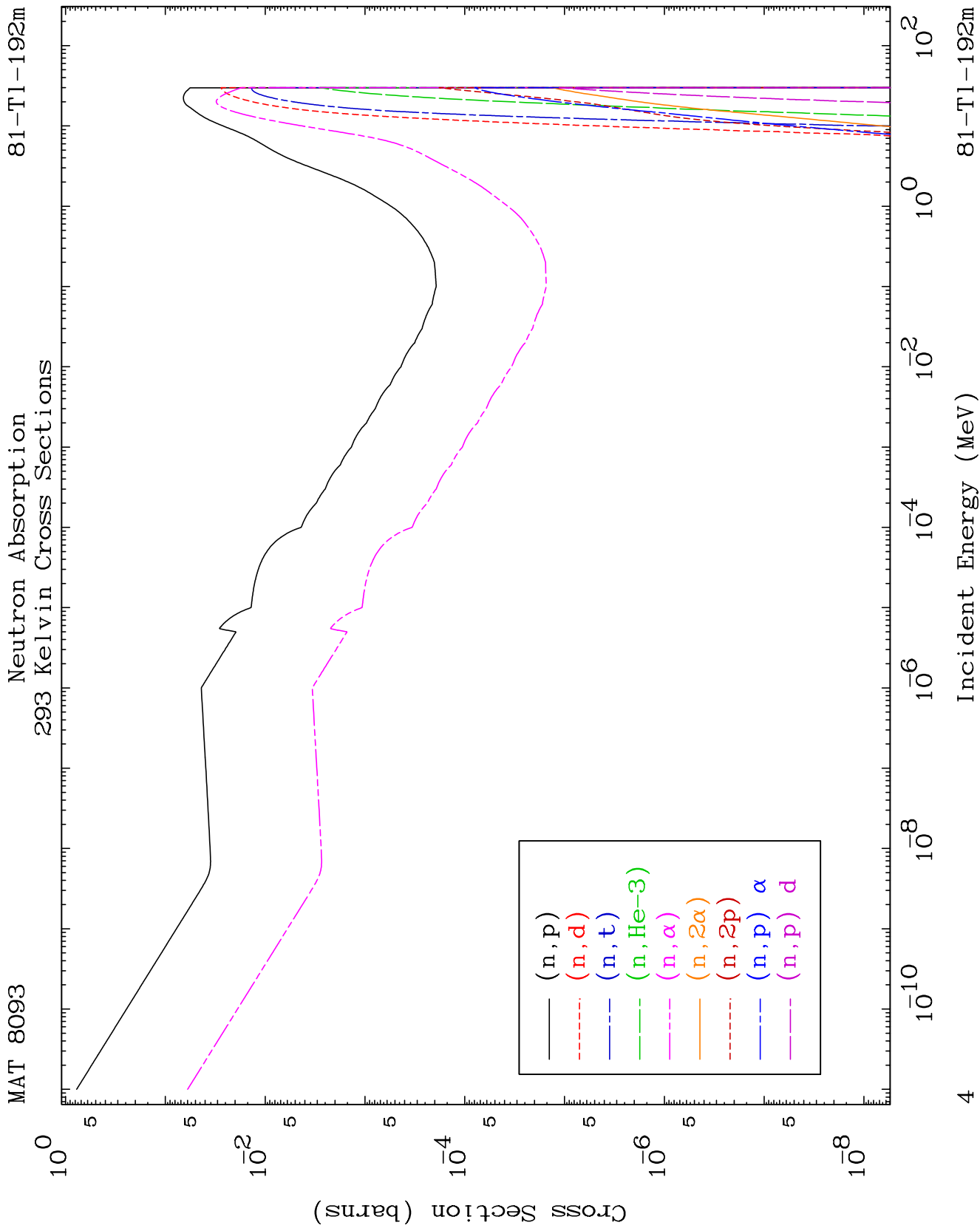
Incident Energy (MeV)

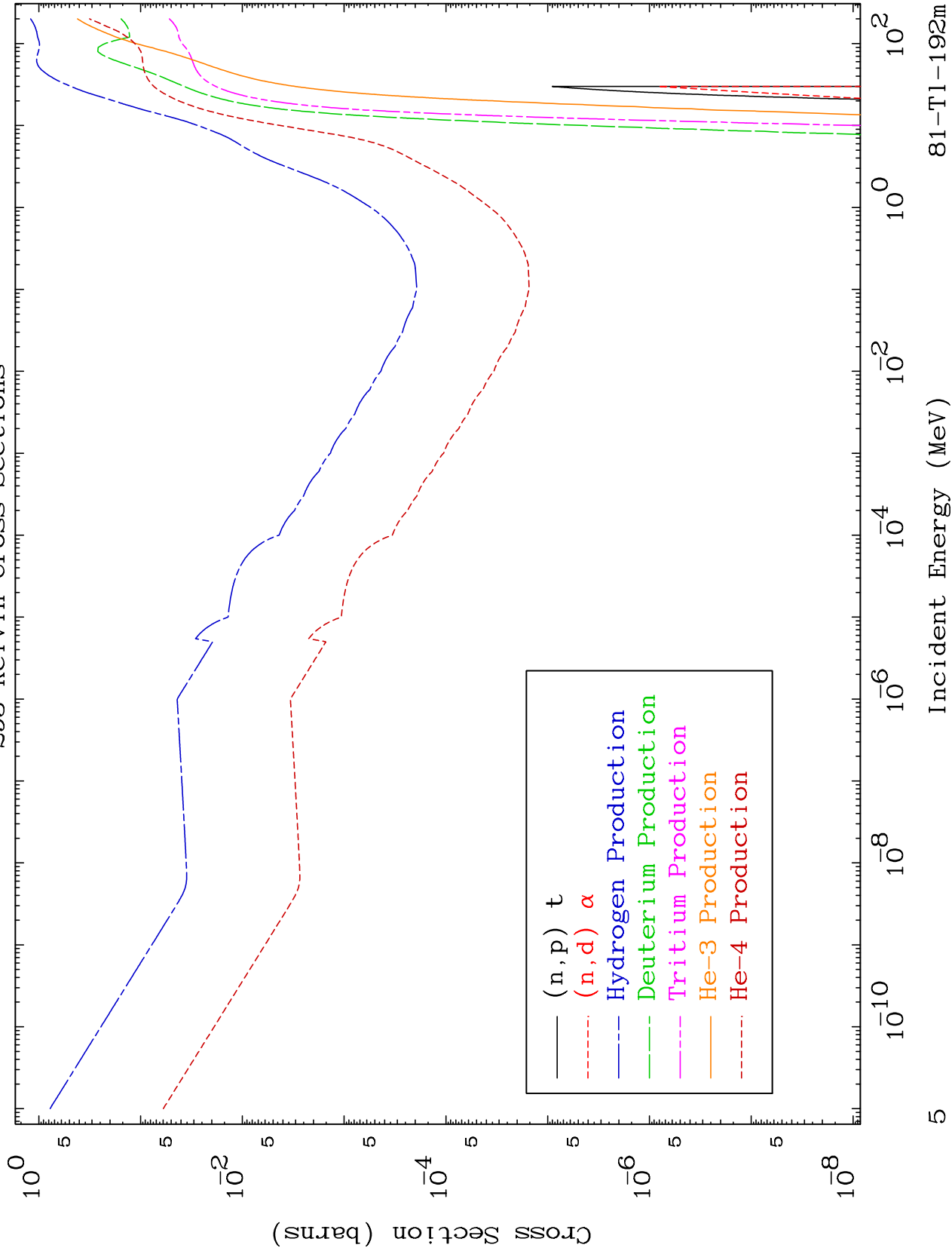
MAT 8093

Neutron Absorption  
293 Kelvin Cross Sections

81-TI-192m



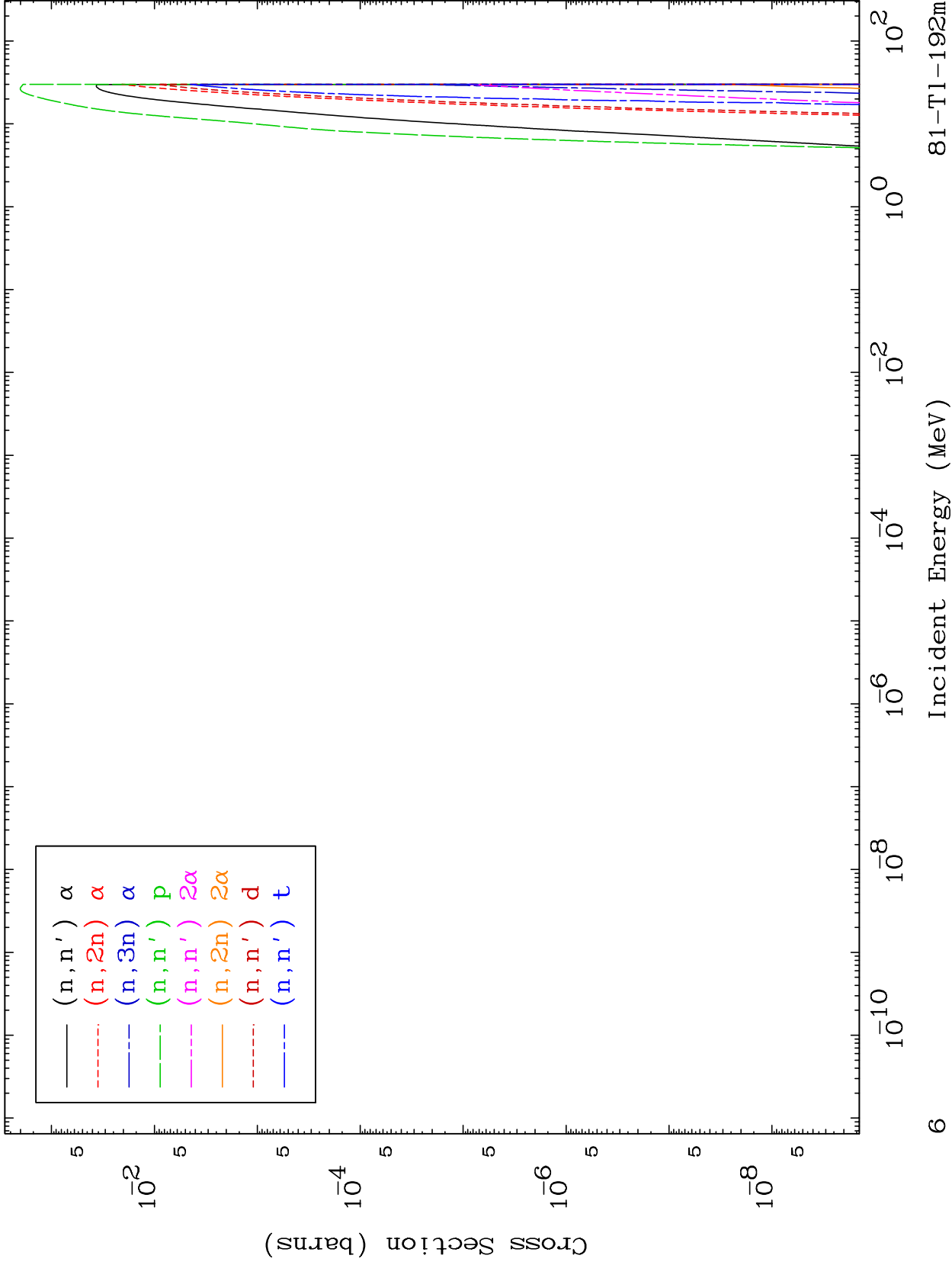


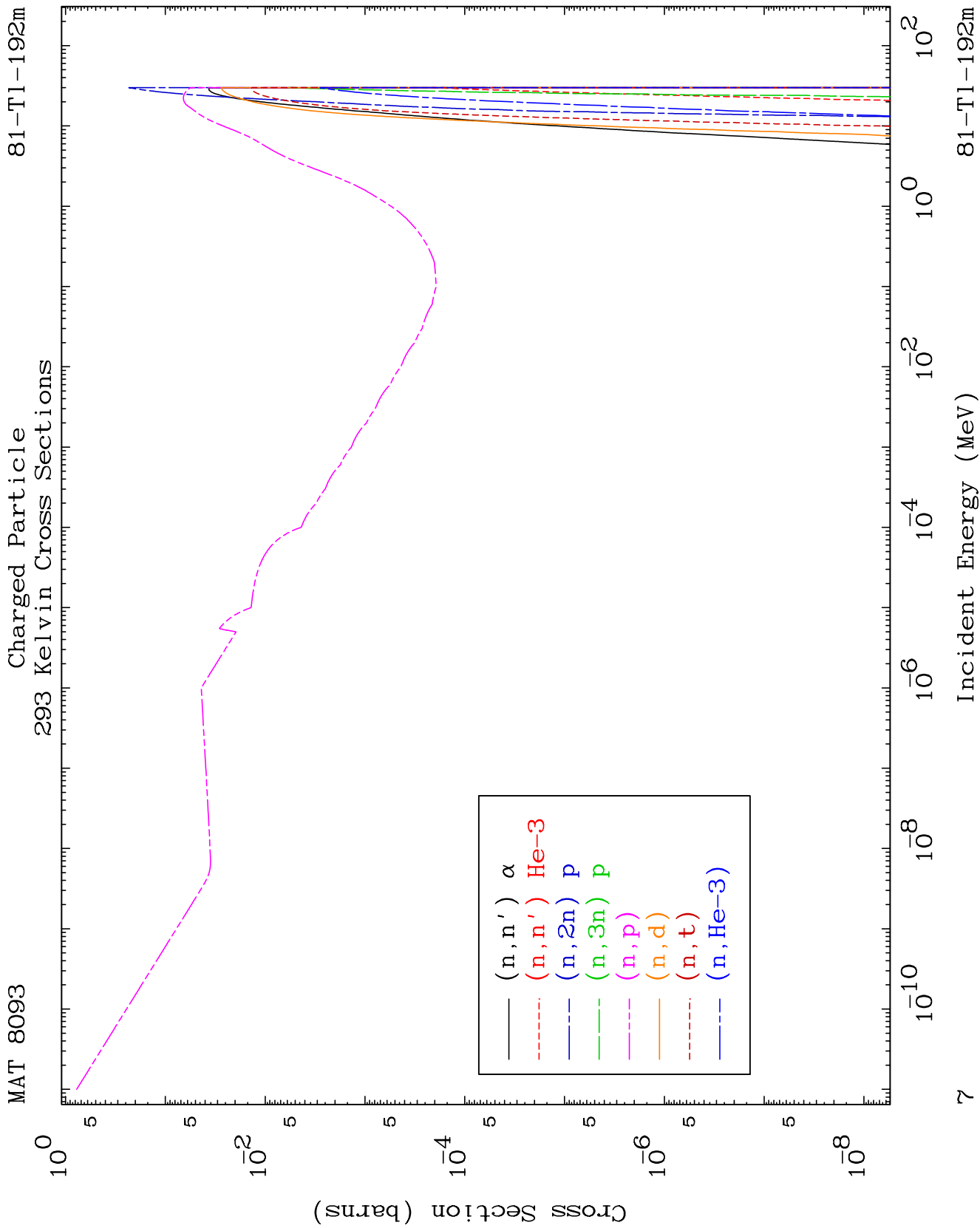


MAT 8093

Charged Particle  
293 Kelvin Cross Sections

81-Tl-192m

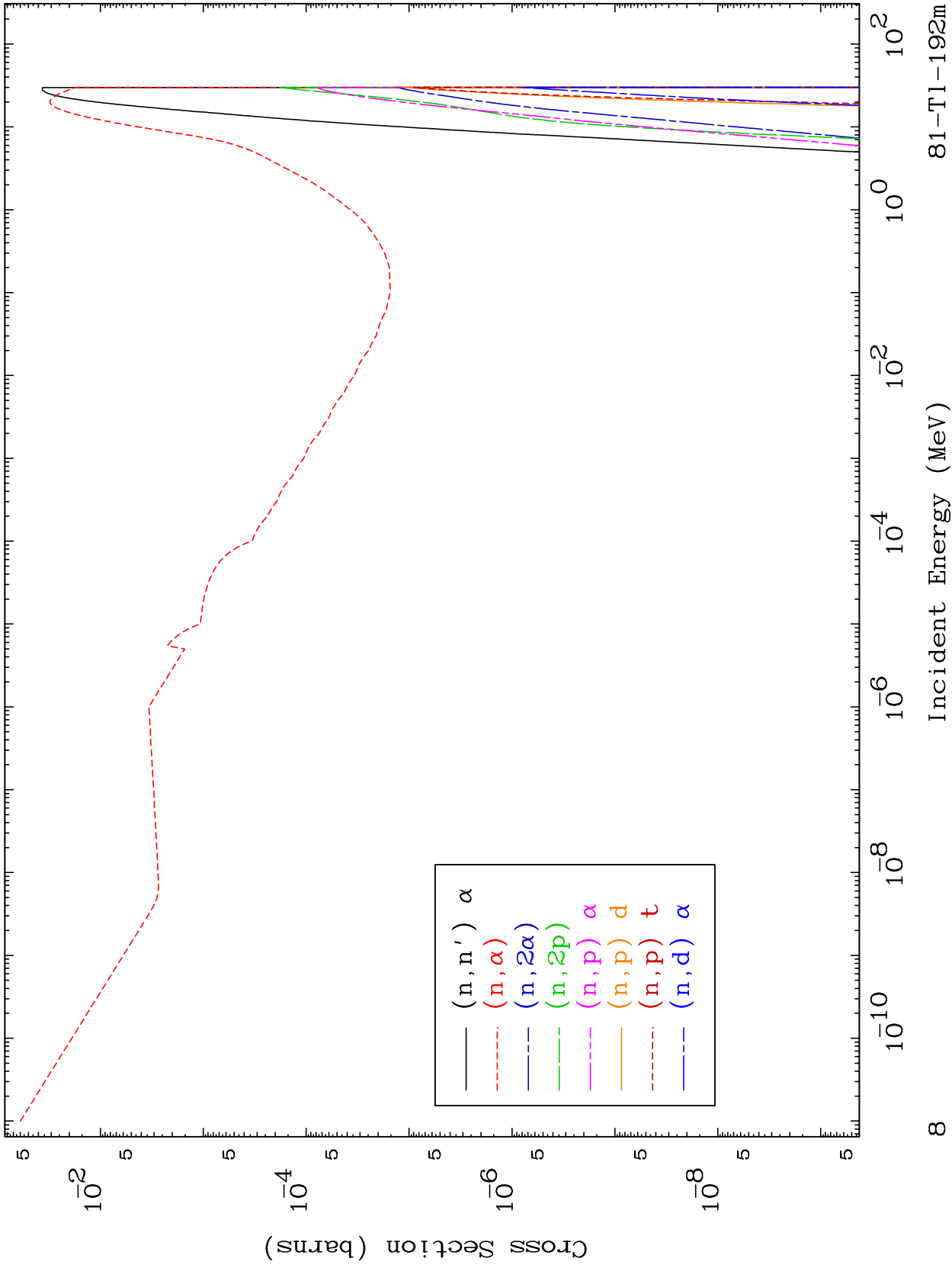




MAT 8093

Charged Particle  
293 Kelvin Cross Sections

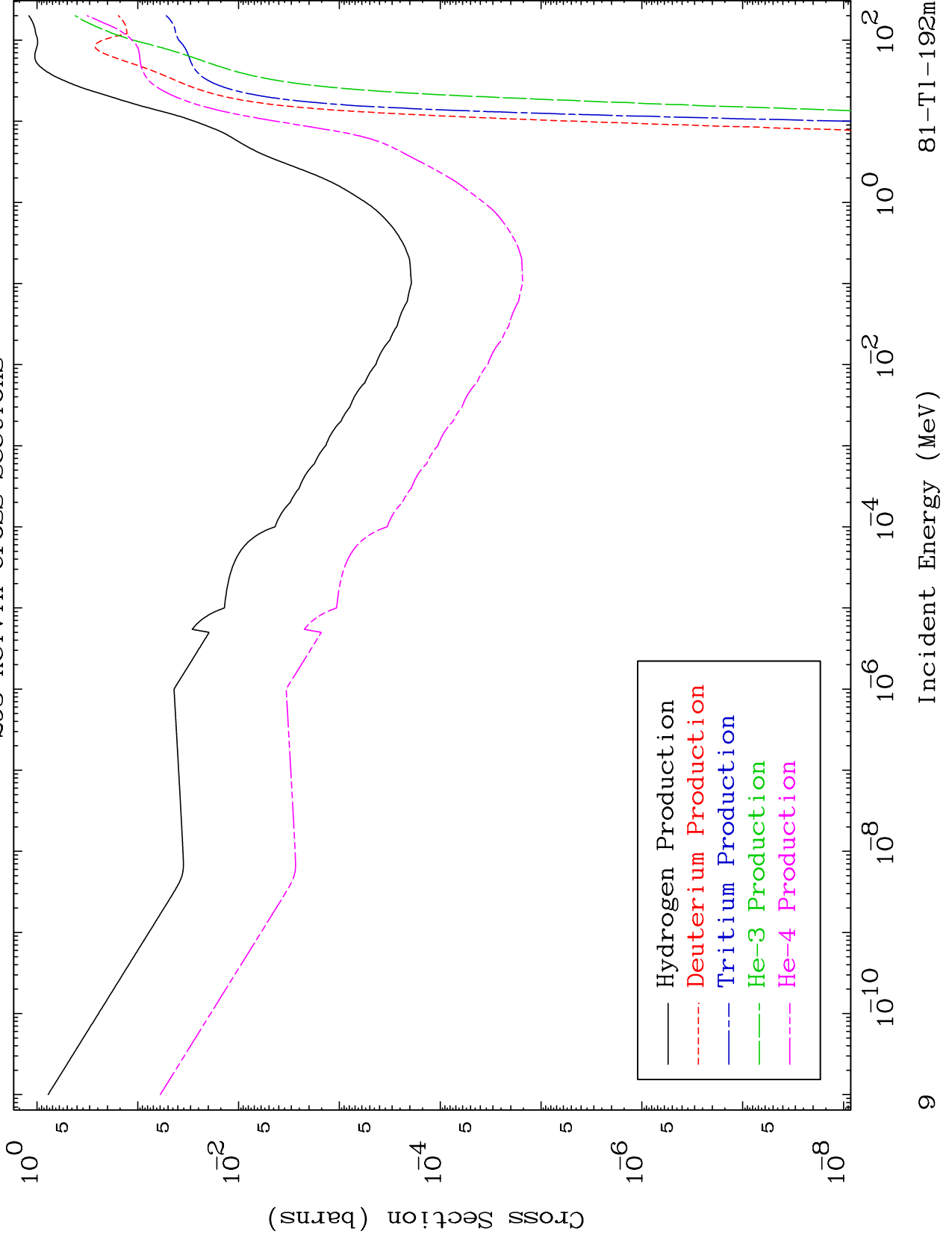
81-TI-192m



MAT 8093

Particle Production  
293 Kelvin Cross Sections

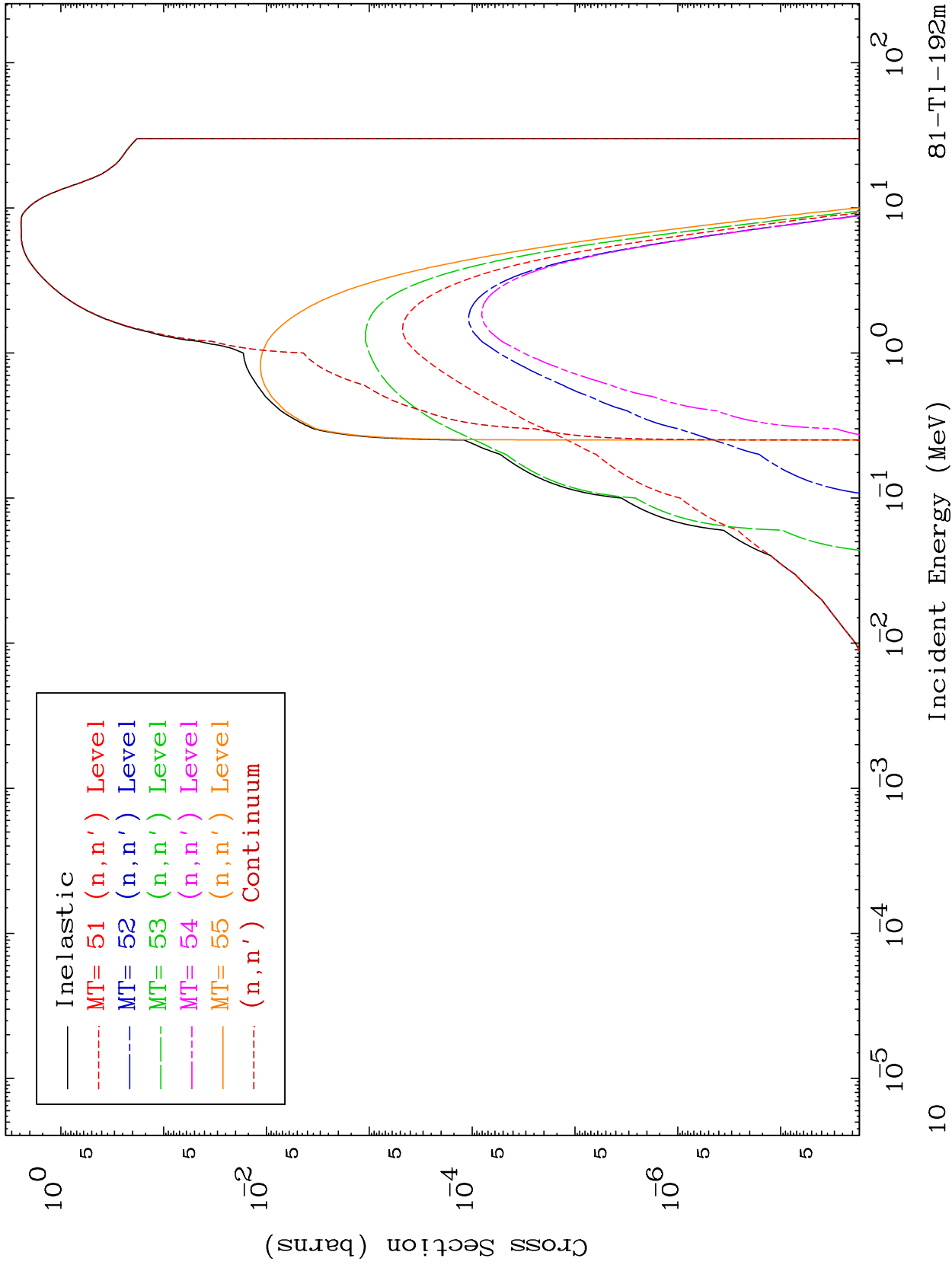
81-TI-192m



MAT 8093

(n,n') Levels  
293 Kelvin Cross Sections

81-TI-192m



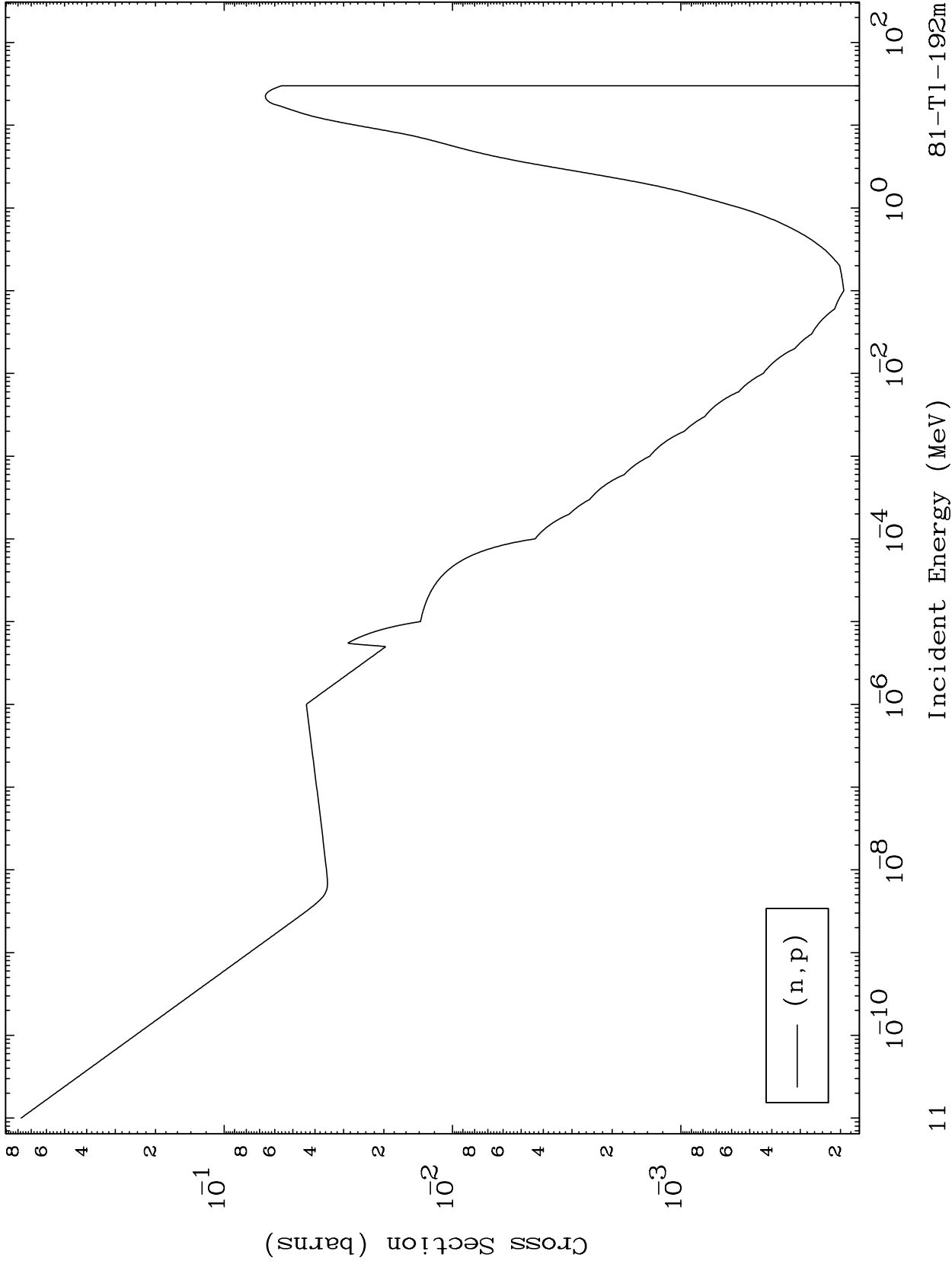
Incident Energy (MeV)

81-TI-192m

MAT 8093

(n,p) Levels  
293 Kelvin Cross Sections

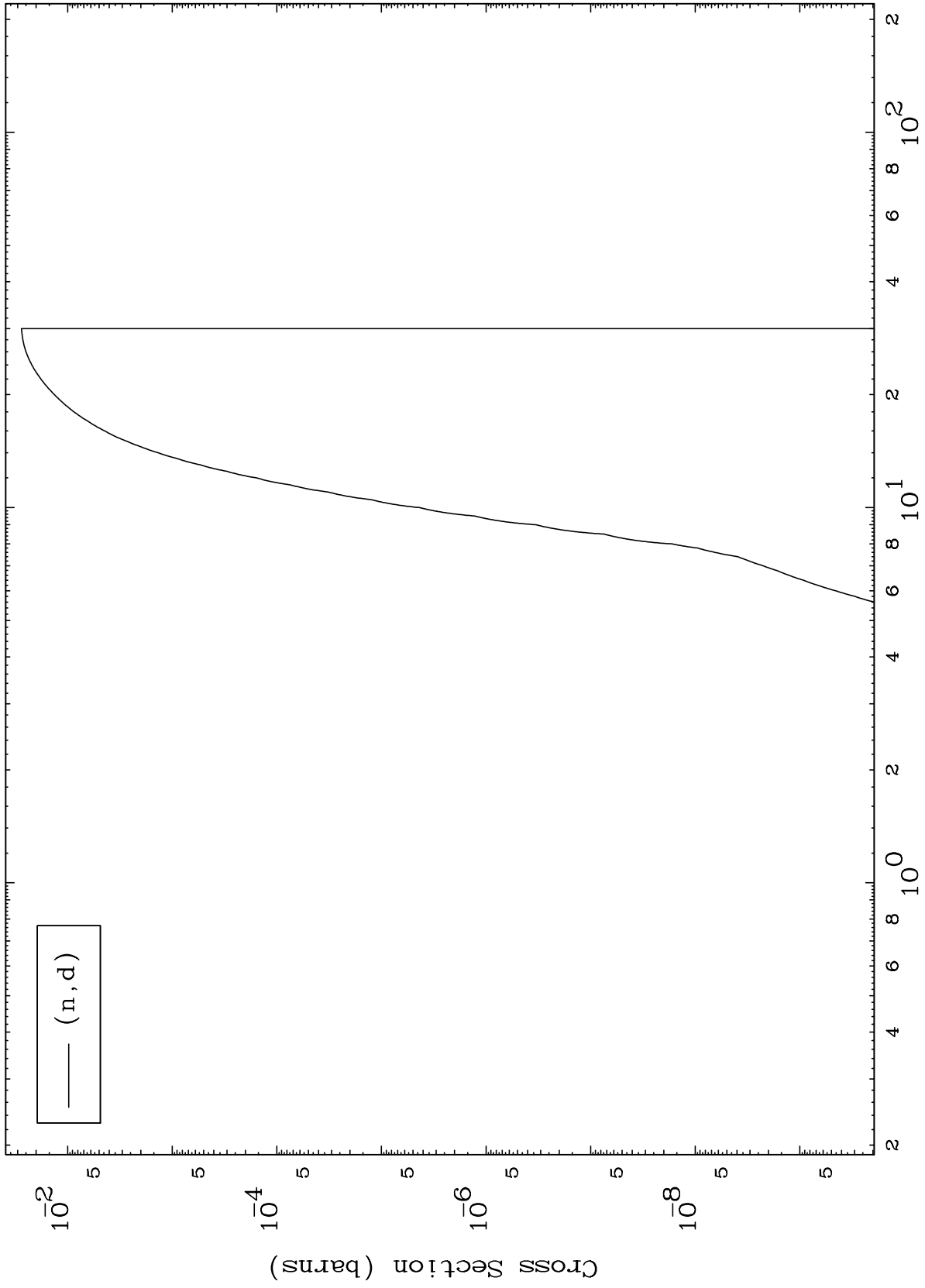
81-Tl-192m



MAT 8093

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-192m



12

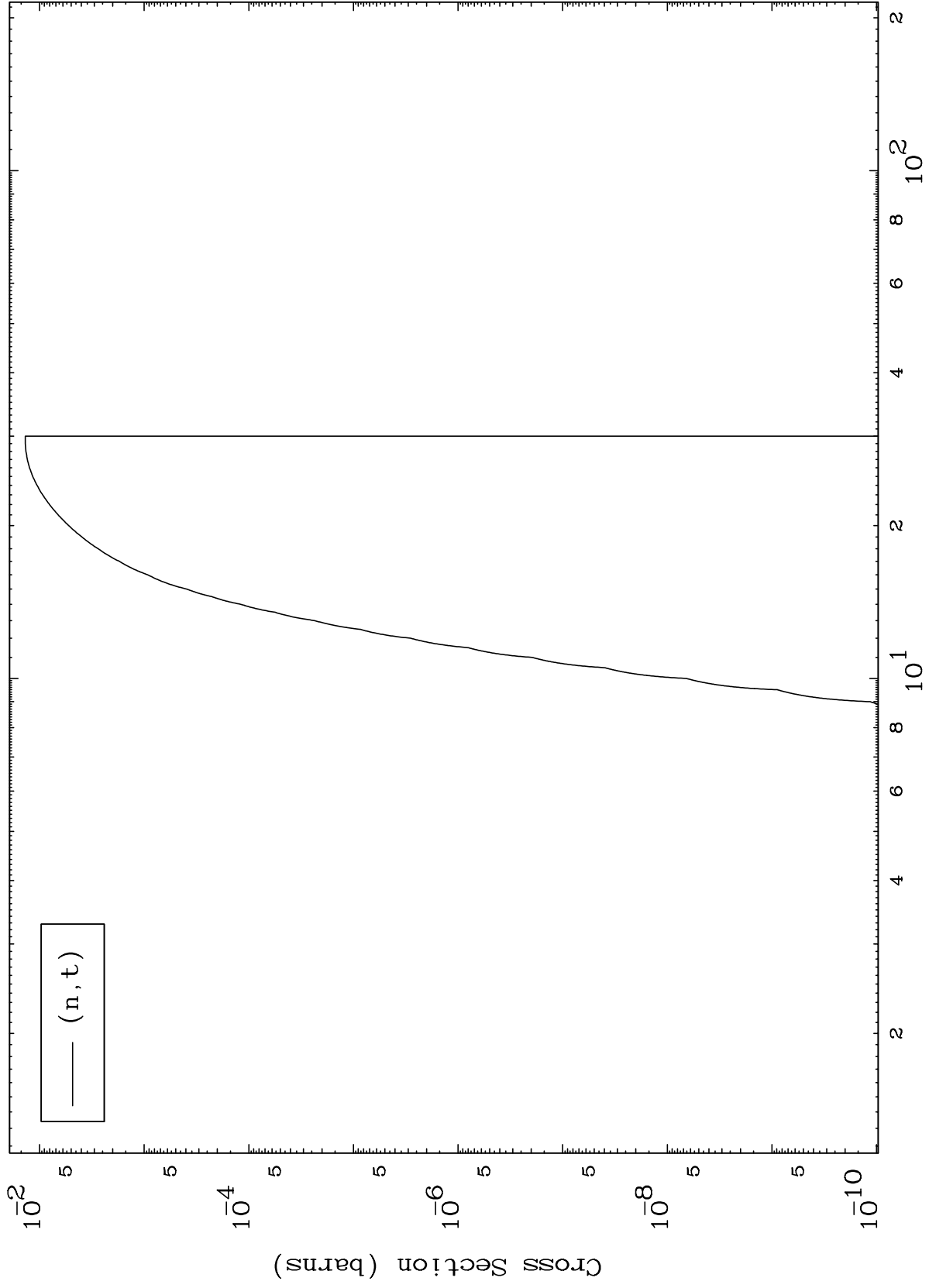
Incident Energy (MeV)

81-Tl-192m

MAT 8093

(n,t) Levels  
293 Kelvin Cross Sections

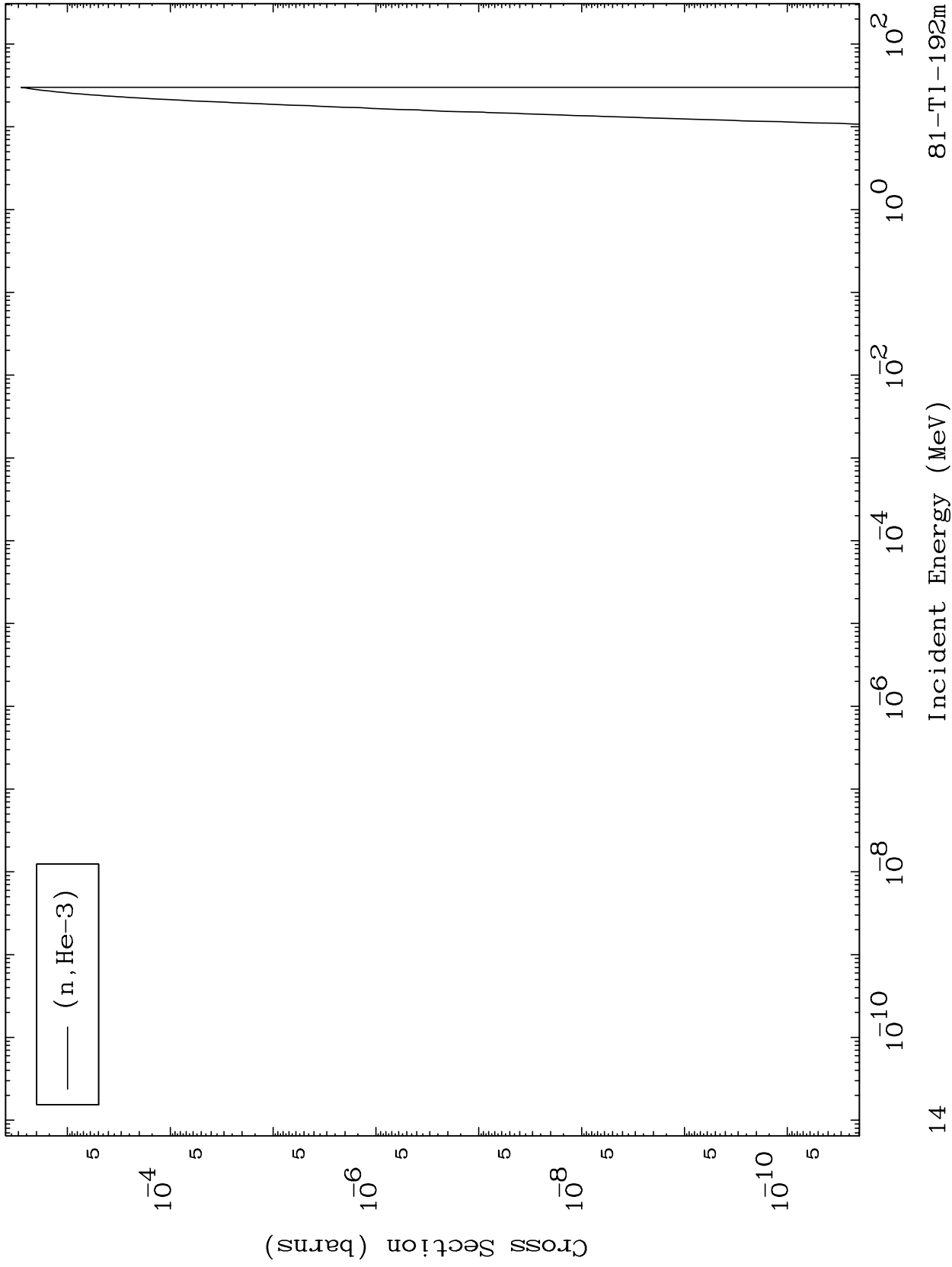
81-Tl-192m



MAT 8093

(n,He3) Levels  
293 Kelvin Cross Sections

81-TI-192m



14

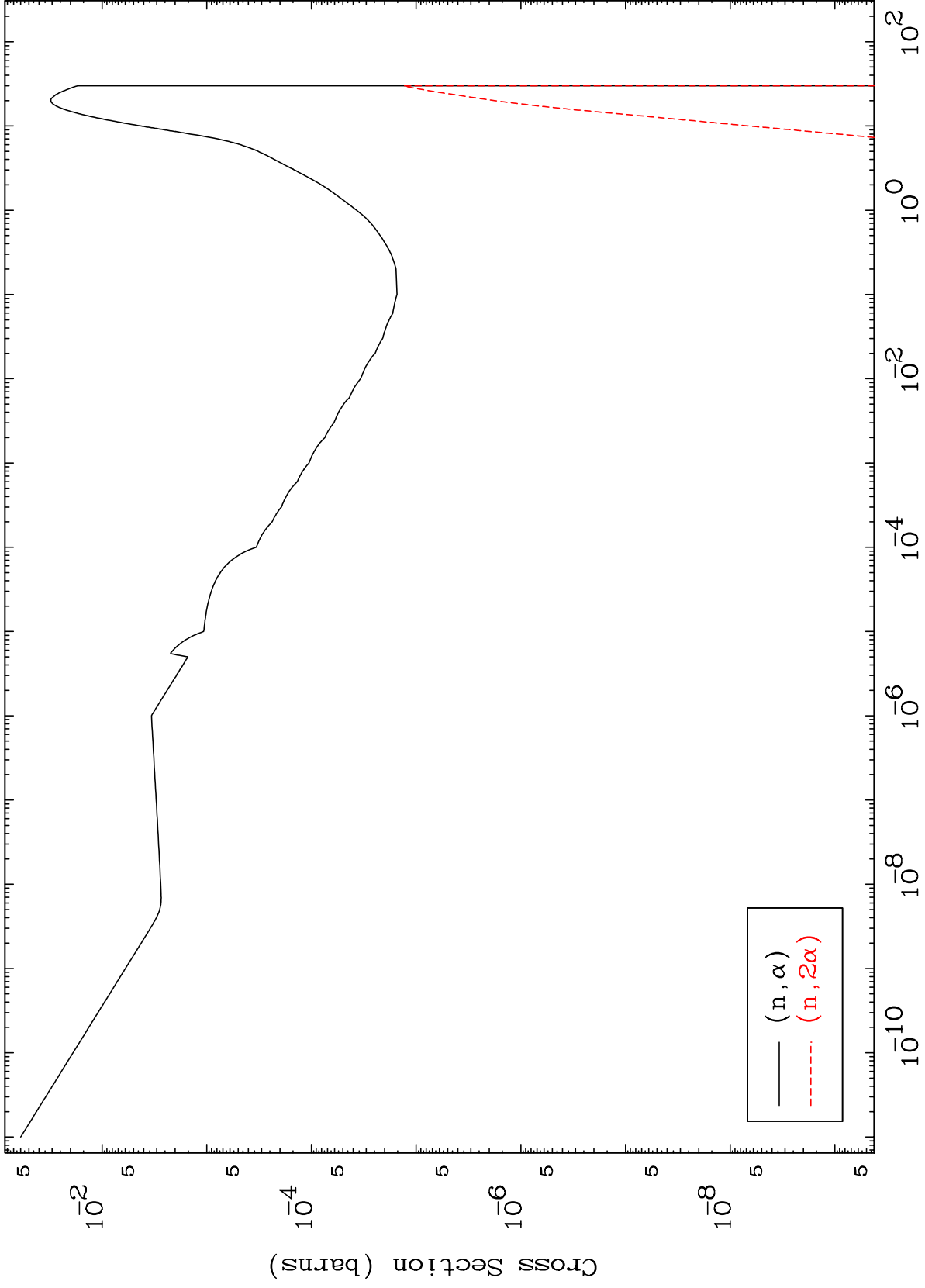
Incident Energy (MeV)

81-TI-192m

MAT 8093

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

81-Tl-192m

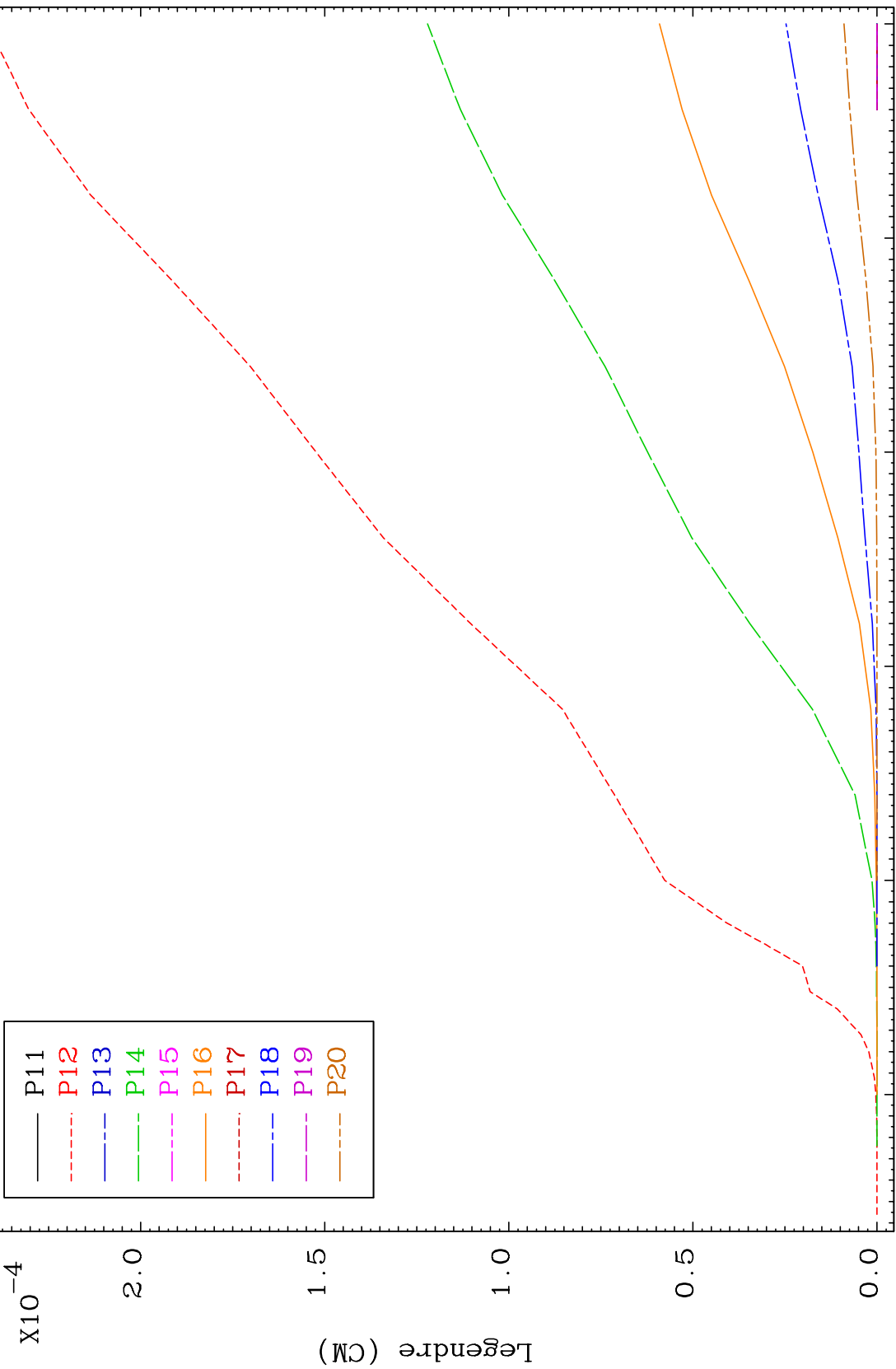
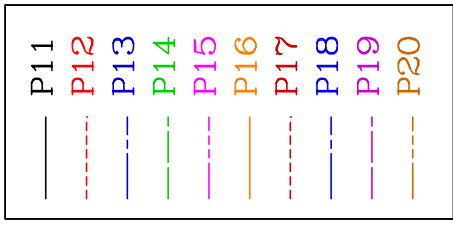




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Elastic Legendre Coefficients

81-TI-192m



17

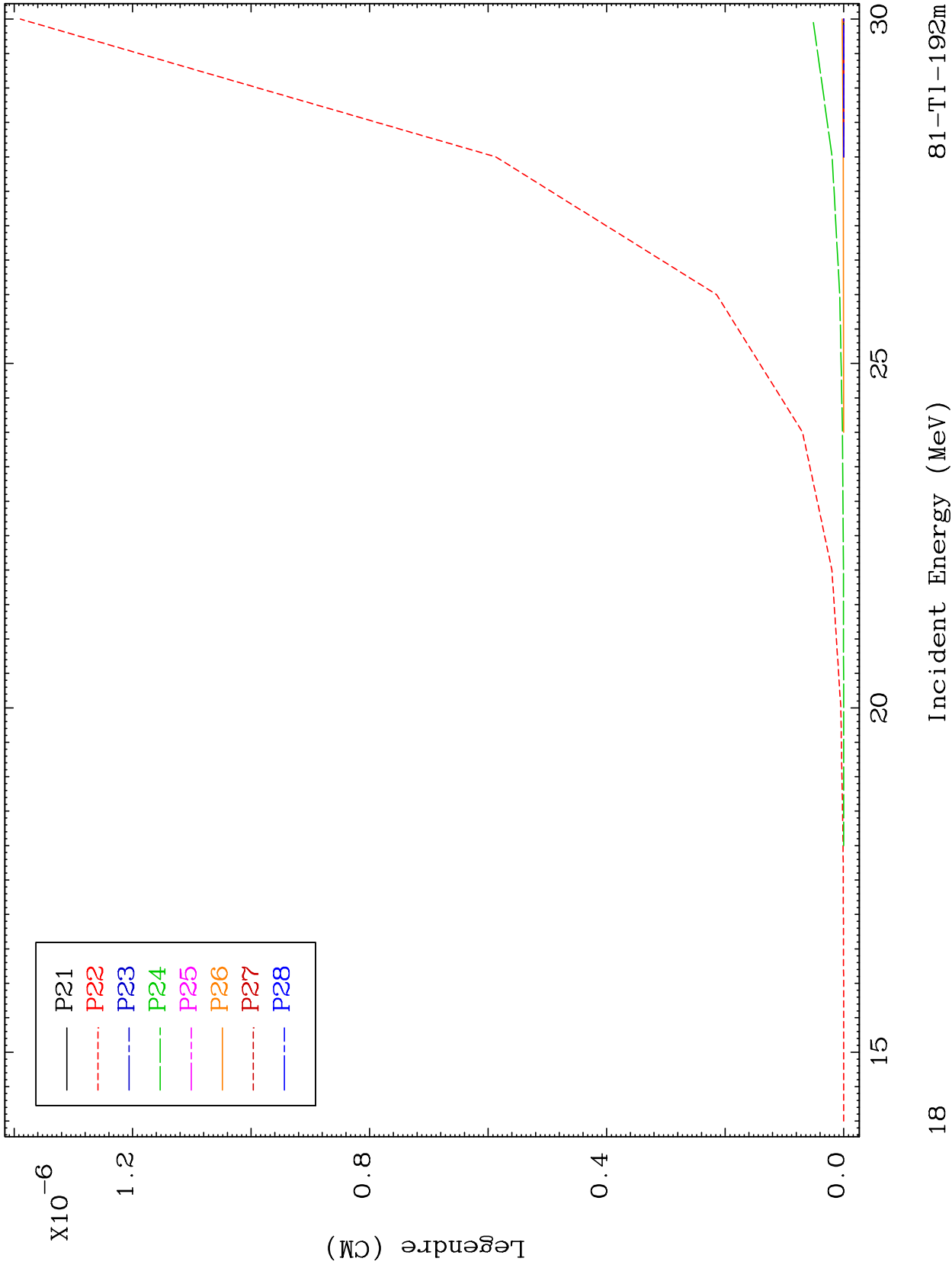
Incident Energy (MeV)

81-TI-192m

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Elastic Legendre Coefficients

81-Tl-192m



18

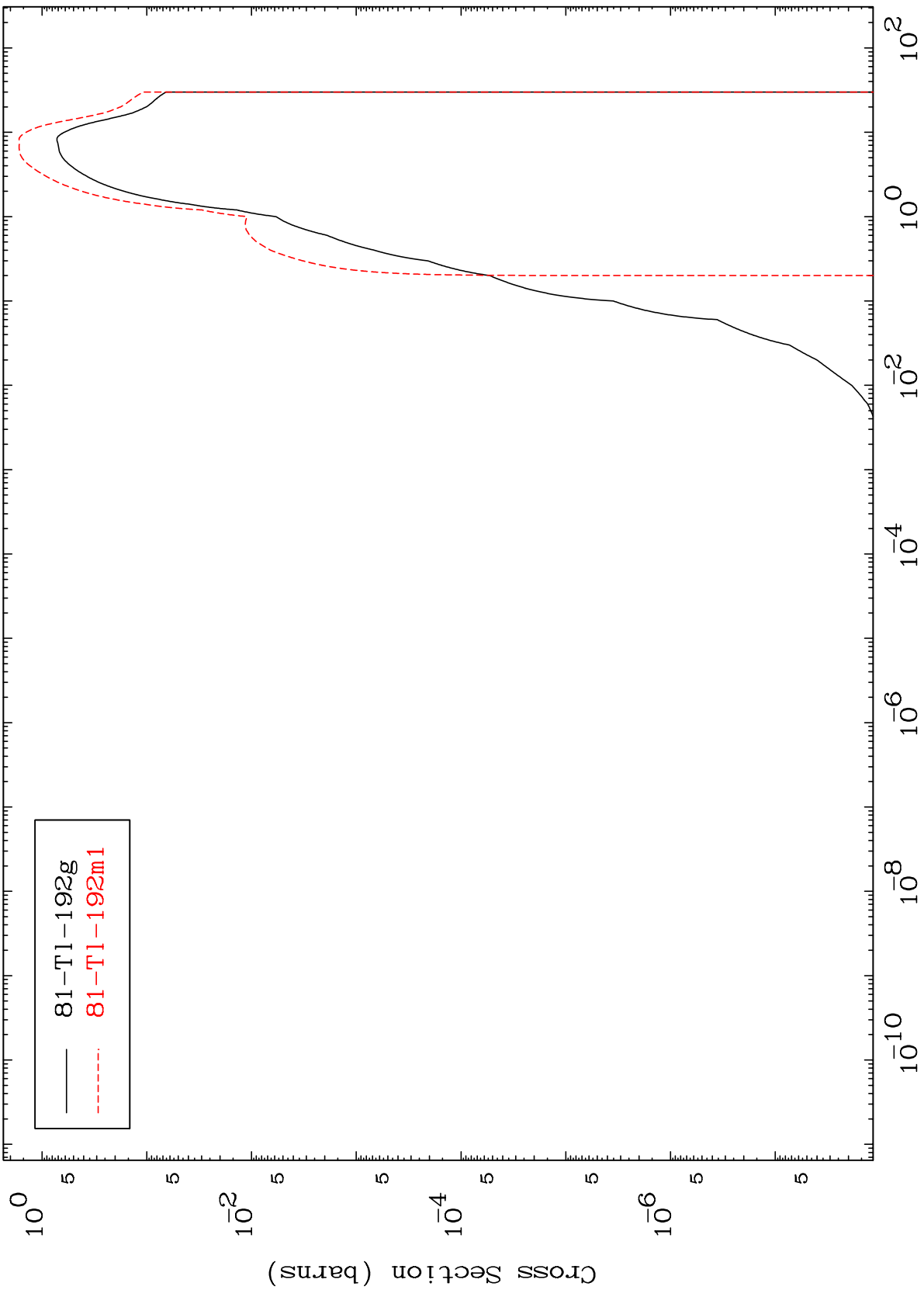
Incident Energy (MeV)

81-Tl-192m

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Inelastic  
Radionuclide Production Cross Section

81-Tl-192m



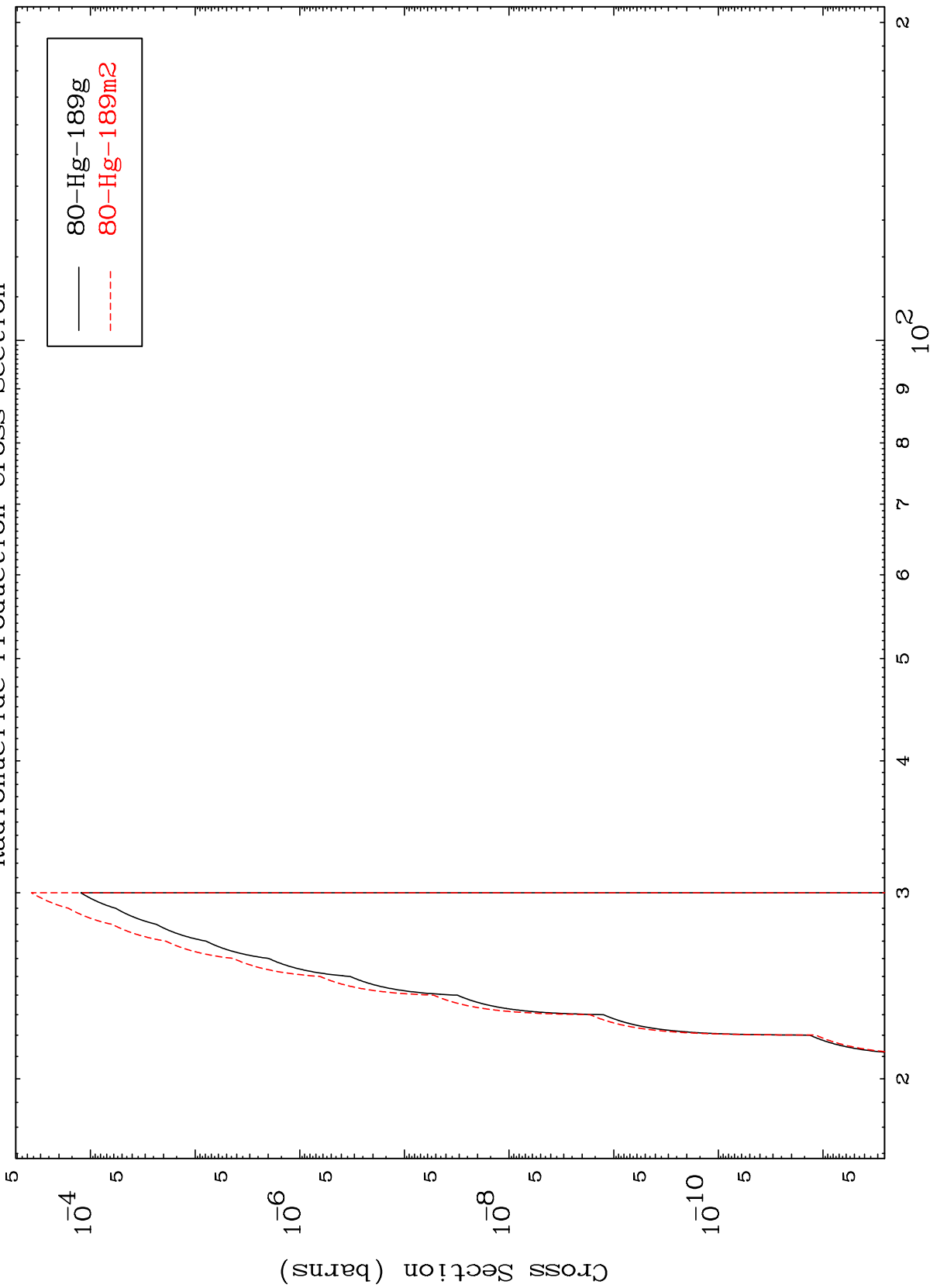
81-Tl-192m

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(n,2n) d

81-TI-192m

Radionuclide Production Cross Section



20

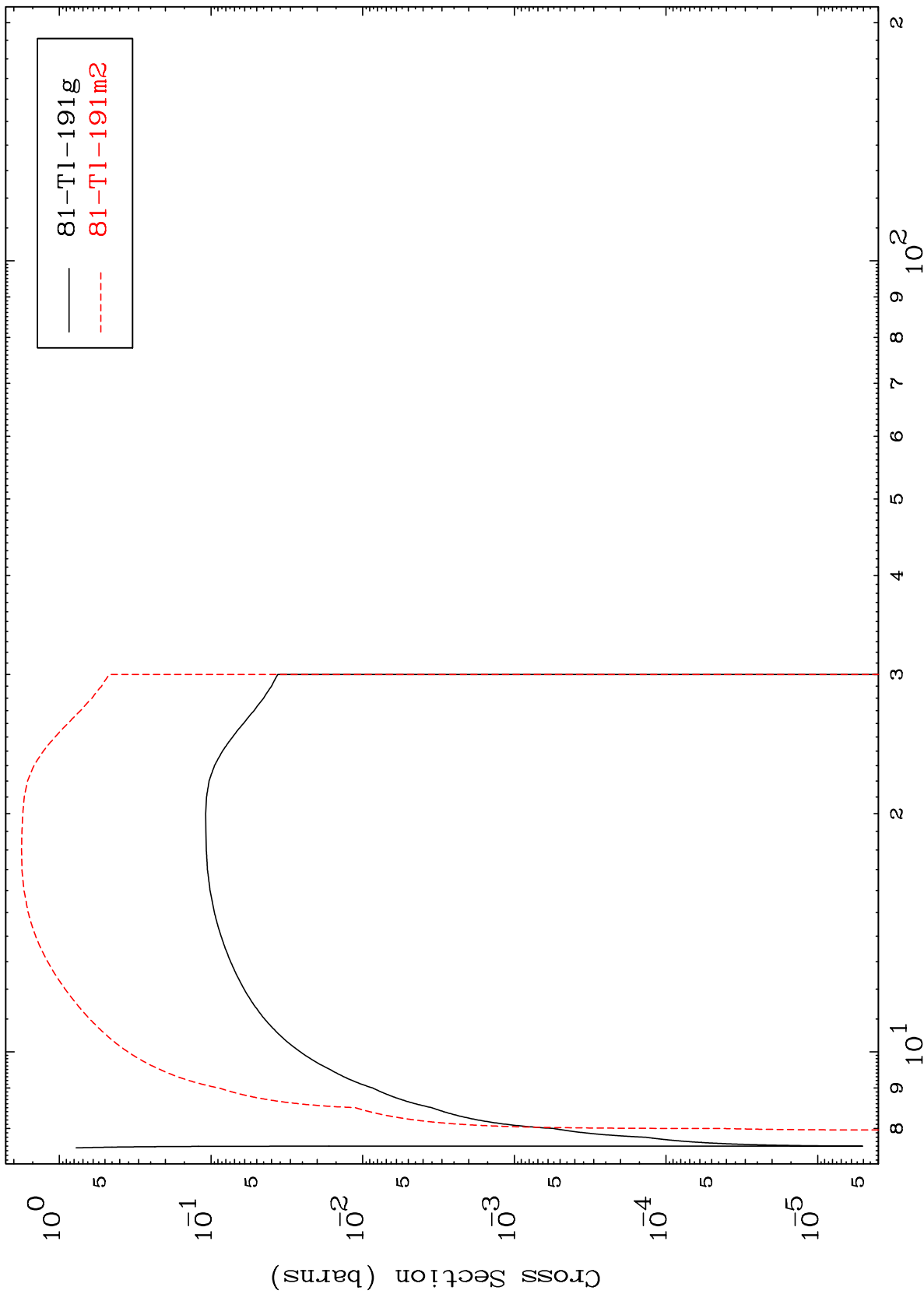
Incident Energy (MeV)

81-TI-192m

MAT 8093

81-Tl-192m

(n,2n)  
Radionuclide Production Cross Section



81-Tl-192m

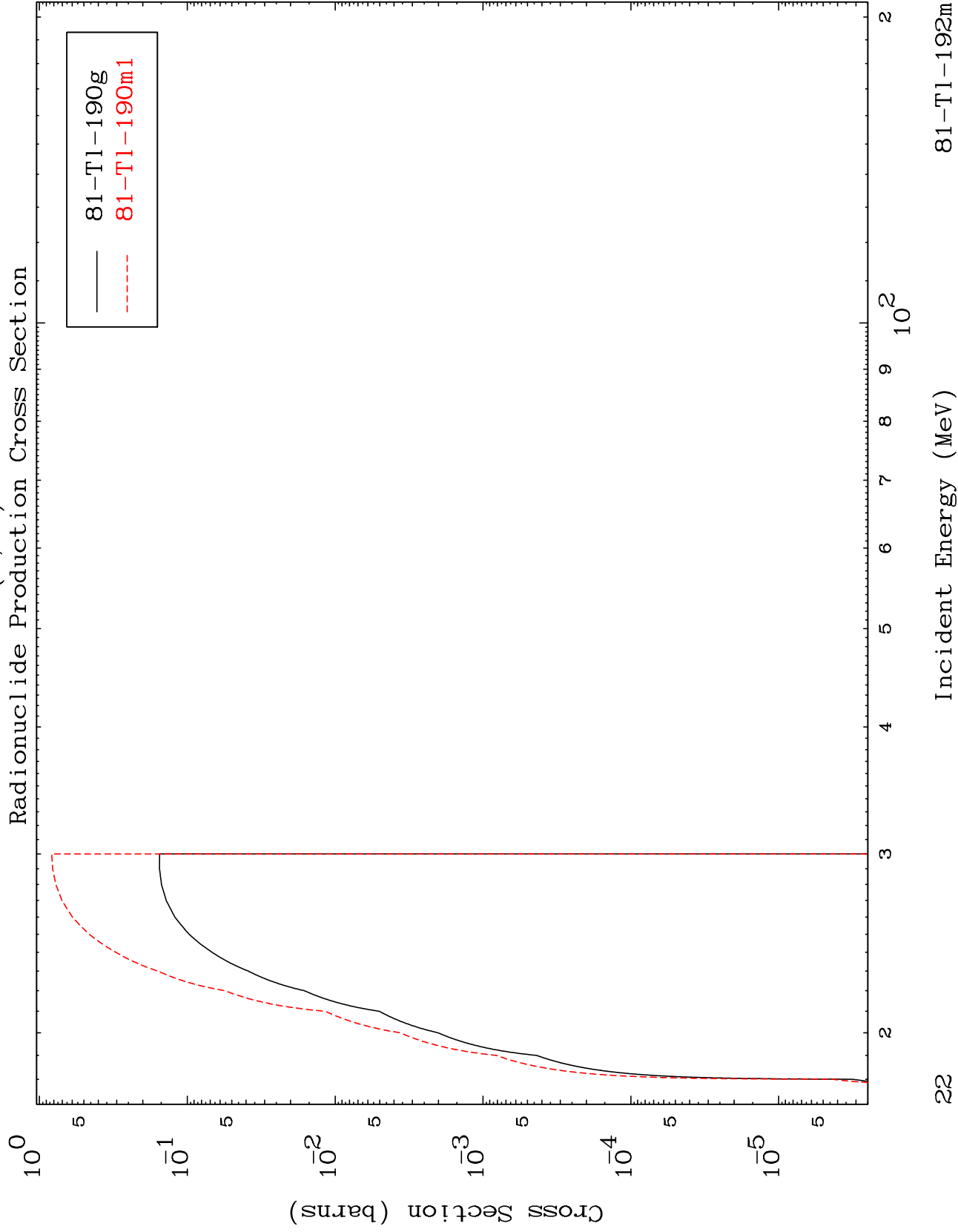
Incident Energy (MeV)

21

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(n,3n)

81-Tl-192m



22

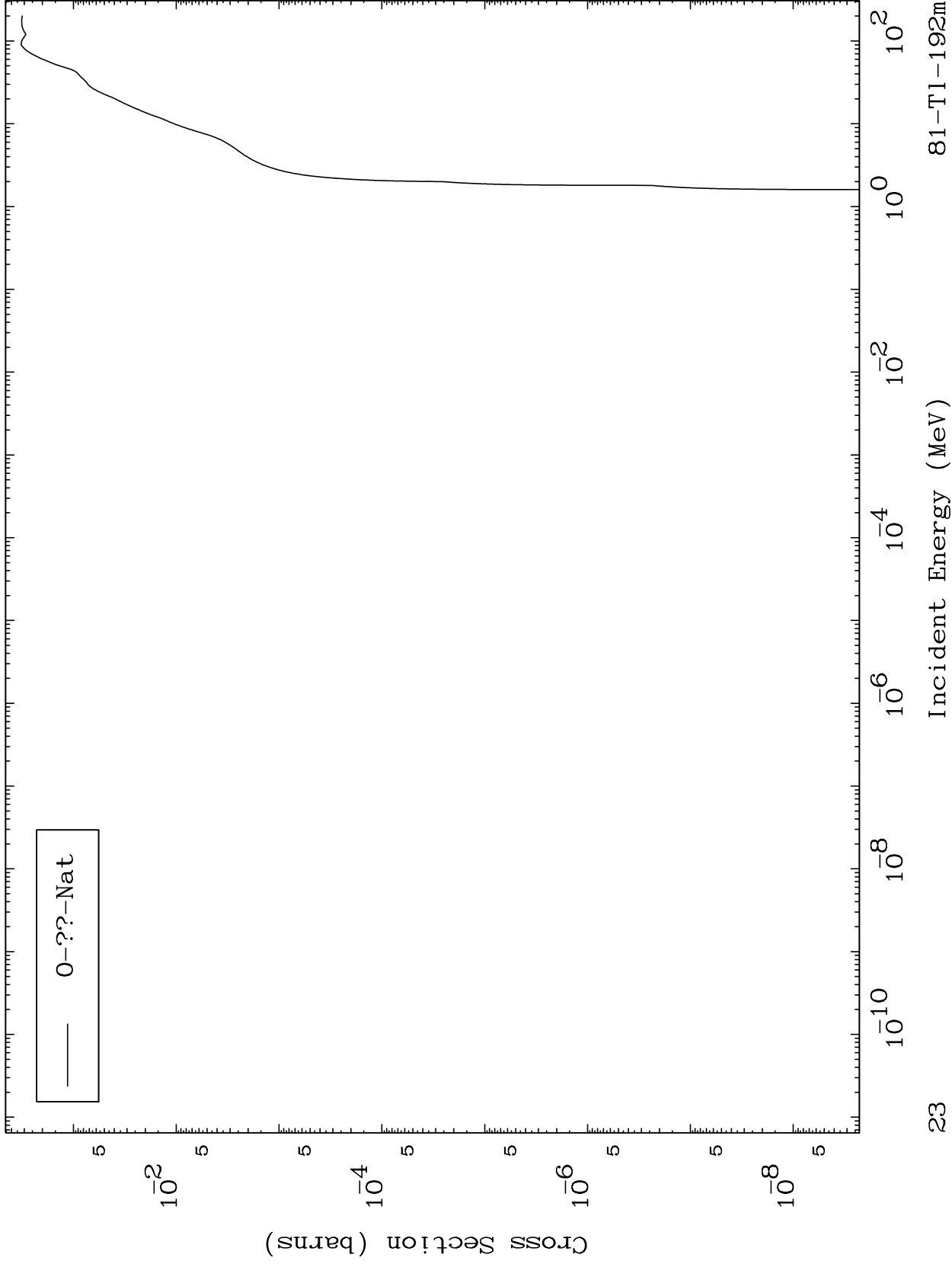
81-Tl-192m

MAT 8093

Fission

81-Tl-192m

Radionuclide Production Cross Section

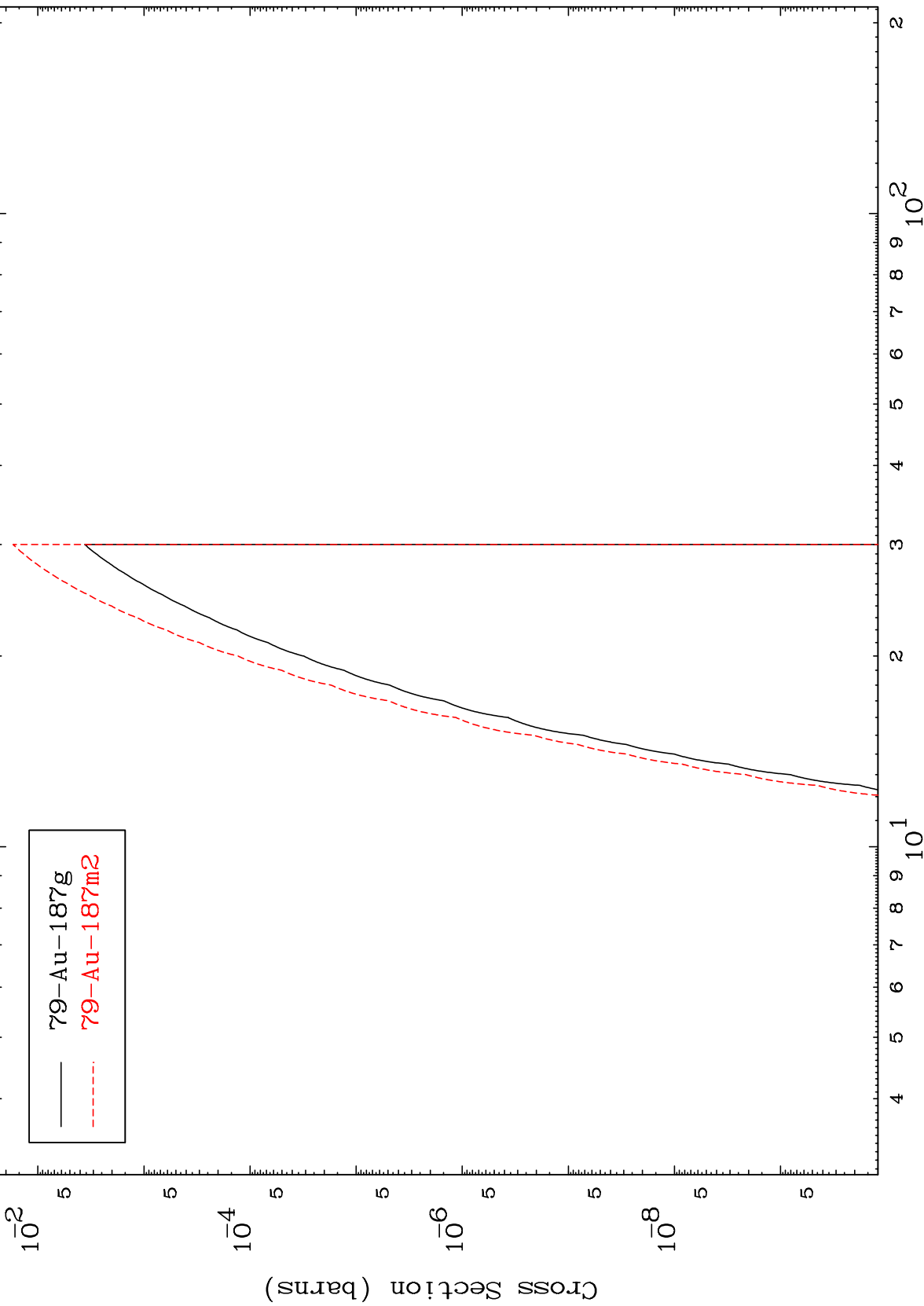


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(n,2n)  $\alpha$

81-Tl-192m

Radionuclide Production Cross Section



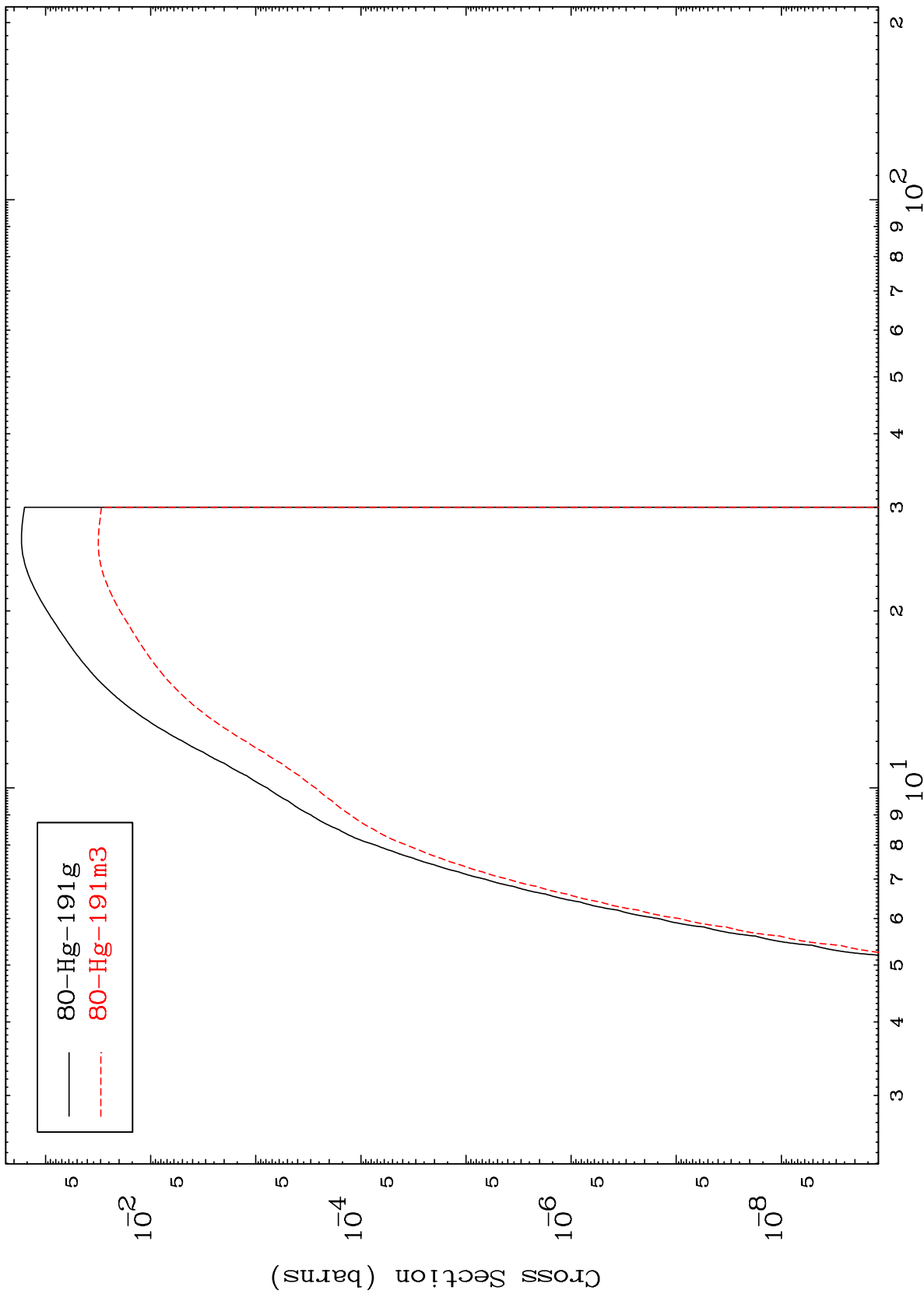
—  $^{187}\text{Au}$   
- - -  $^{187\text{m}2}\text{Au}$

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(n,n') p

81-TI-192m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

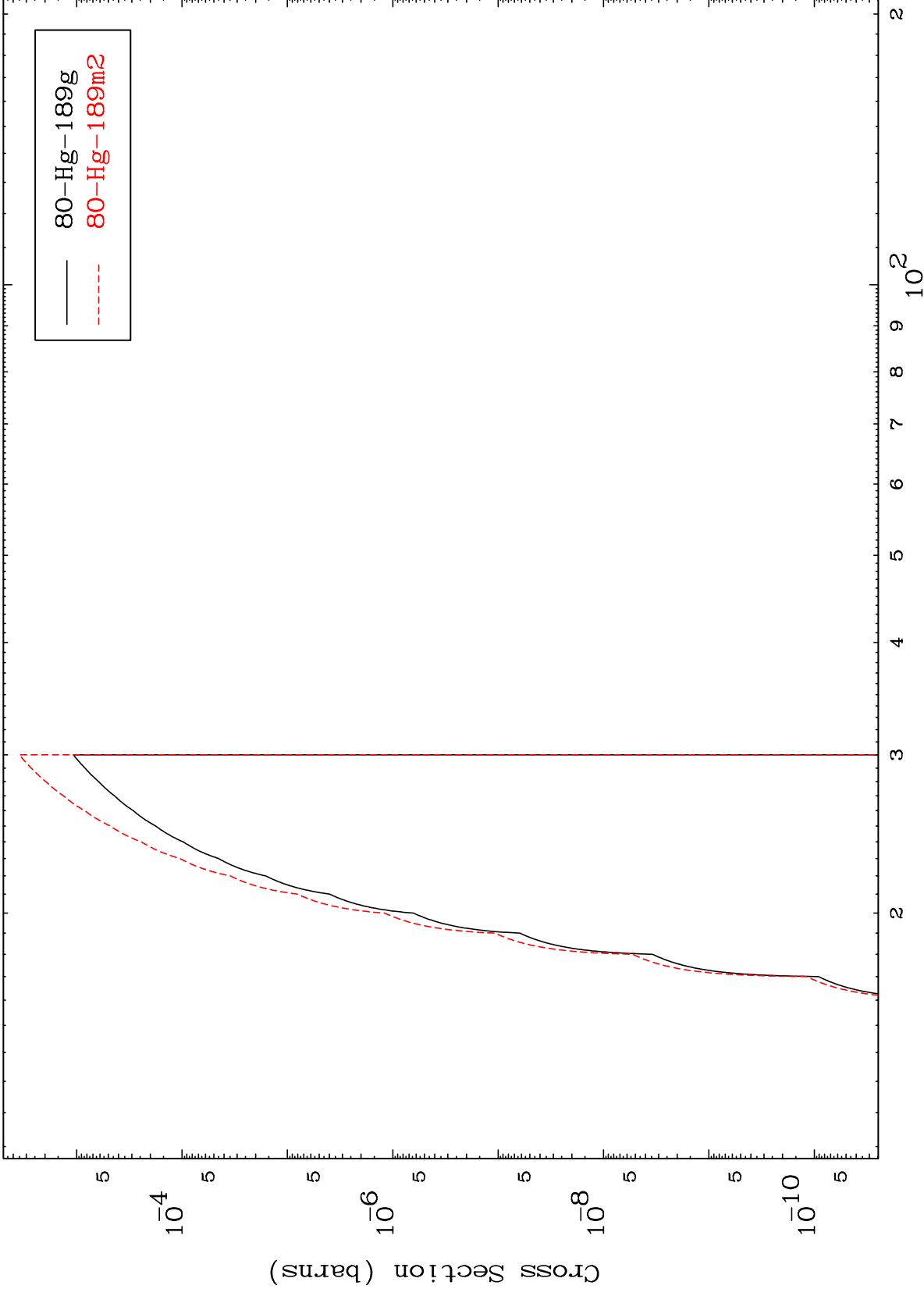
81-TI-192m

MAT 8093

(n,n') t

81-TI-192m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

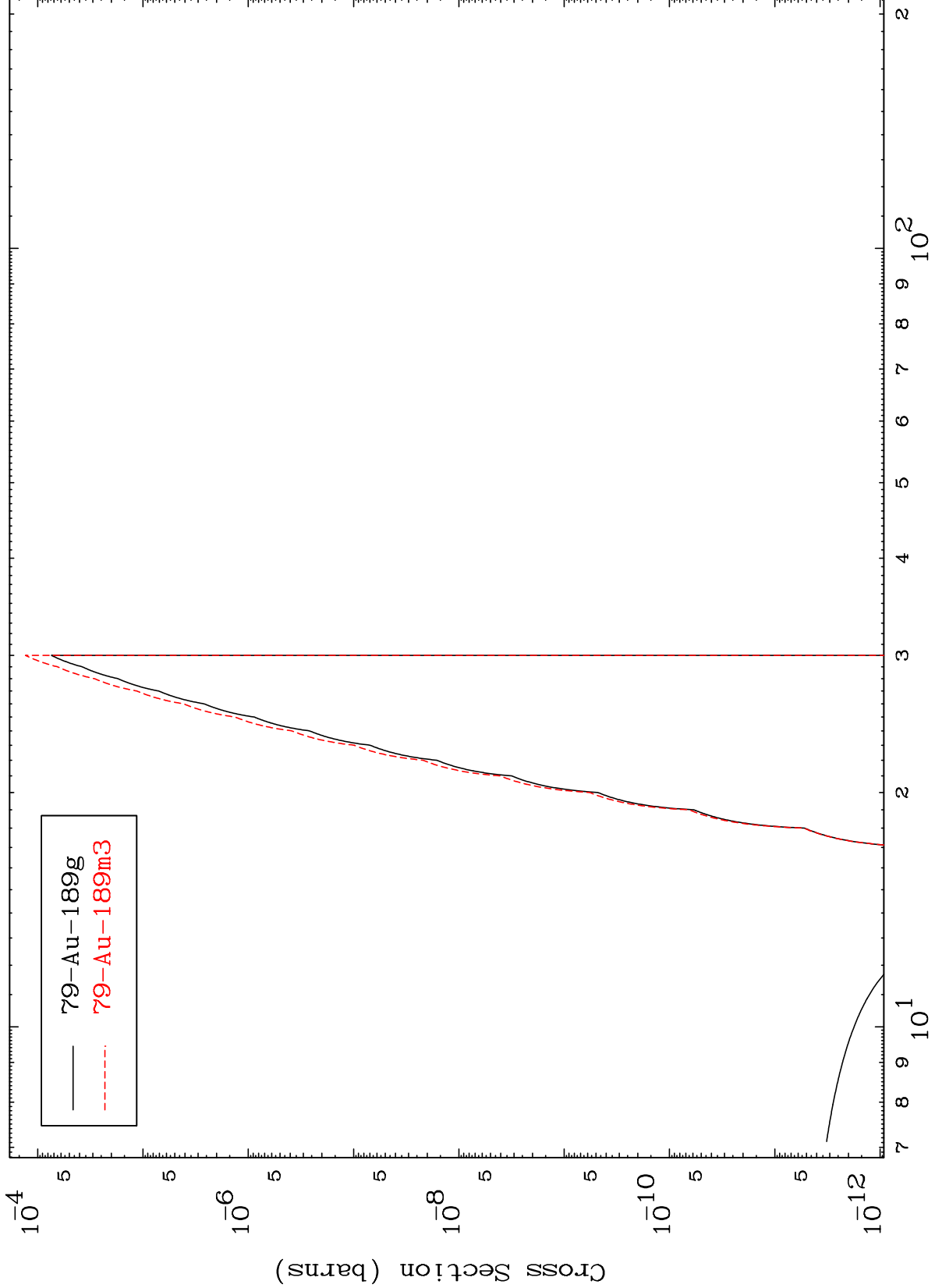
81-TI-192m

MAT 8093

(n,n') He-3

81-TI-192m

Radionuclide Production Cross Section

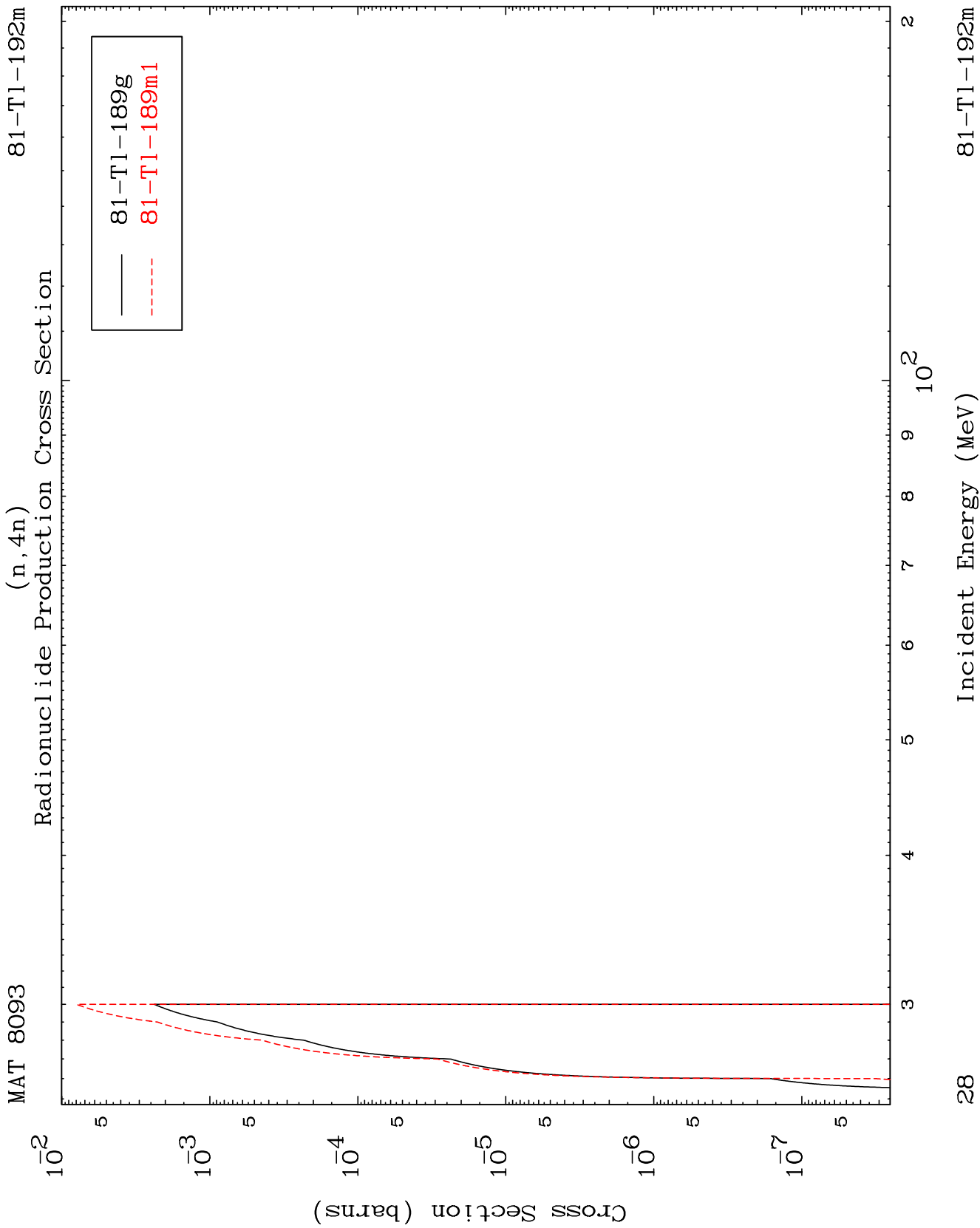


79-Au-189g  
79-Au-189m3

Incident Energy (MeV)

81-TI-192m

27

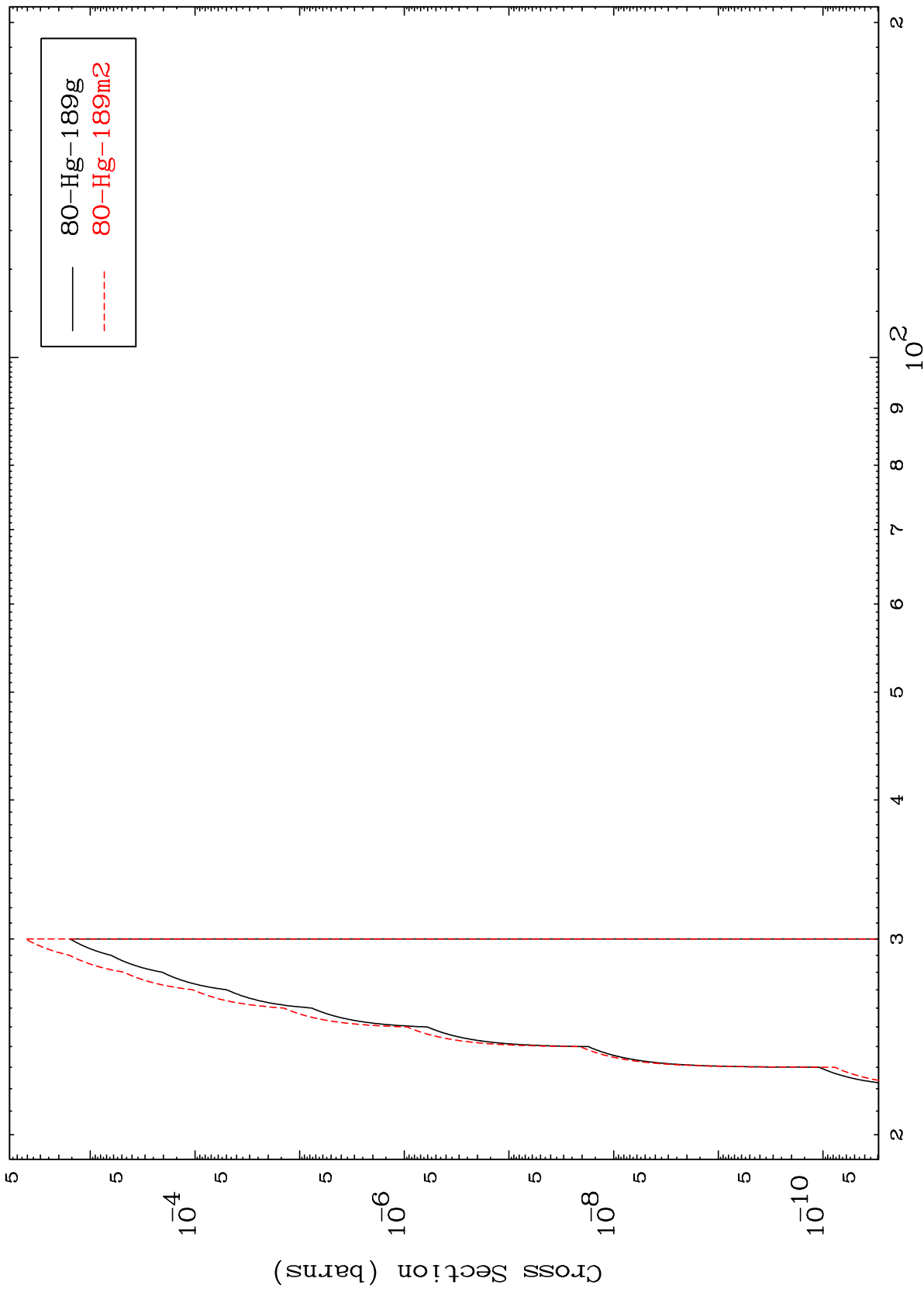


MAT 8093

(n,3n) p

81-TI-192m

Radionuclide Production Cross Section



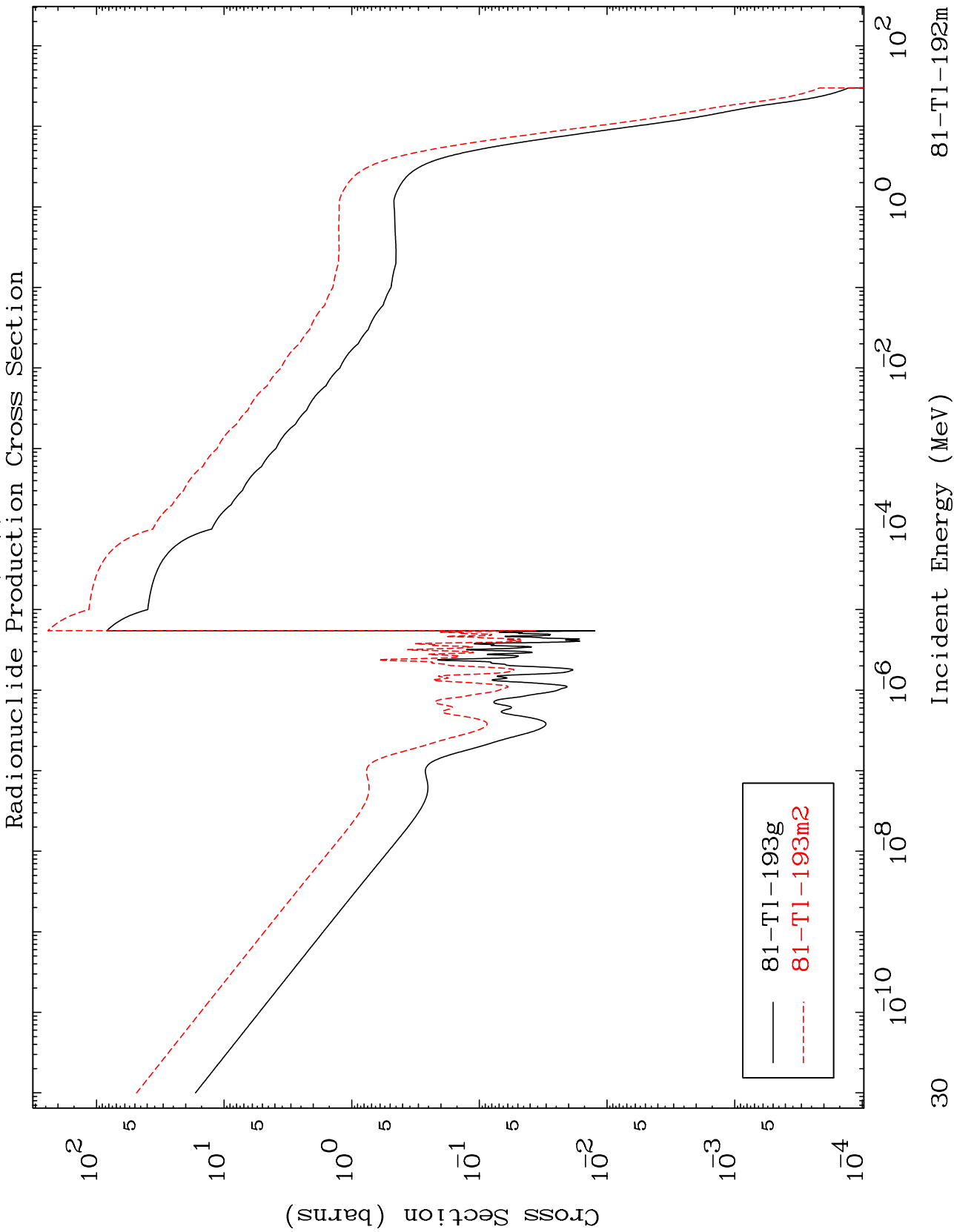
29

Incident Energy (MeV)

81-TI-192m

MAT 8093

81-Tl-192m

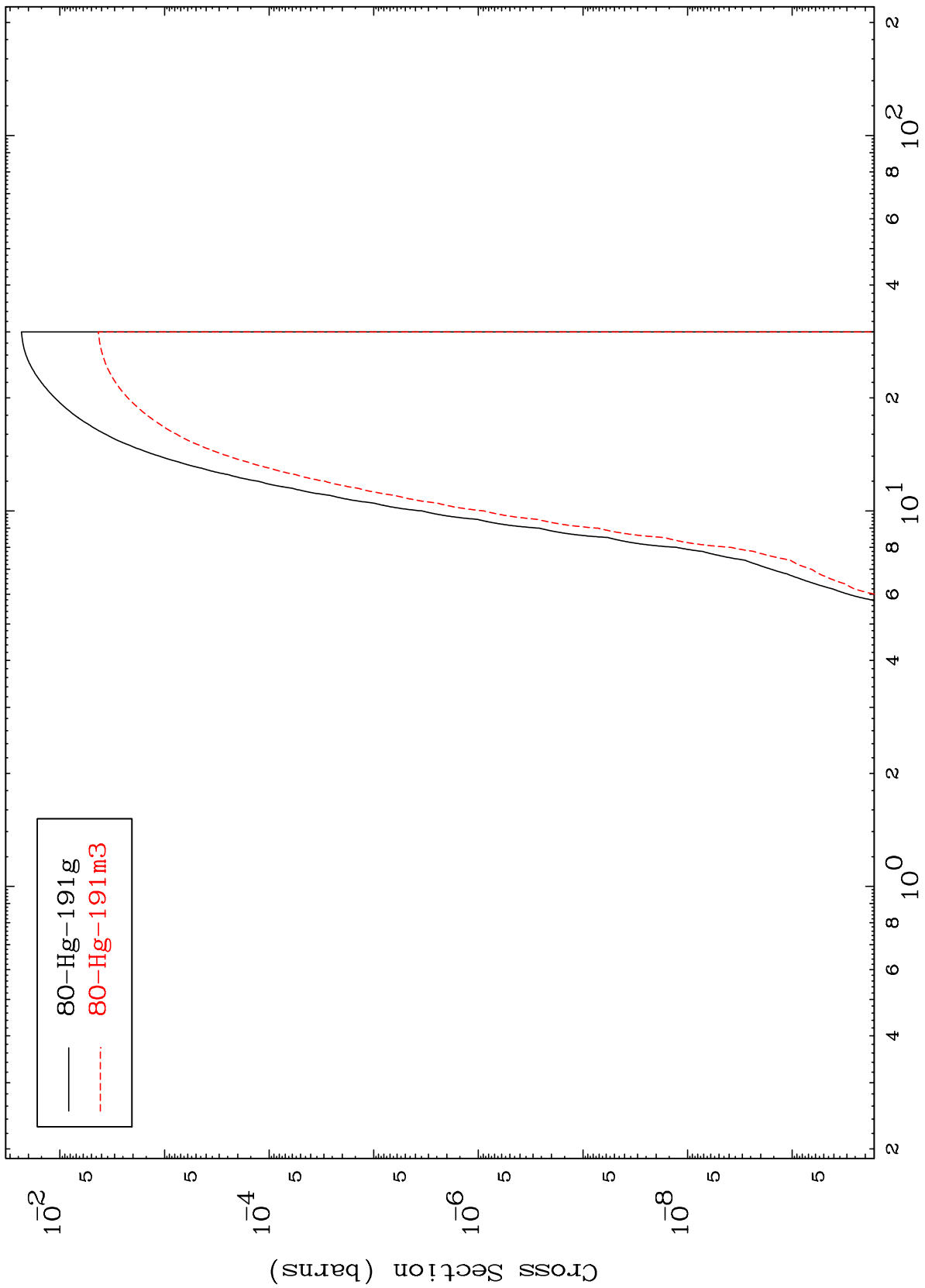


MAT 8093

(n,d)

81-Tl-192m

Radionuclide Production Cross Section



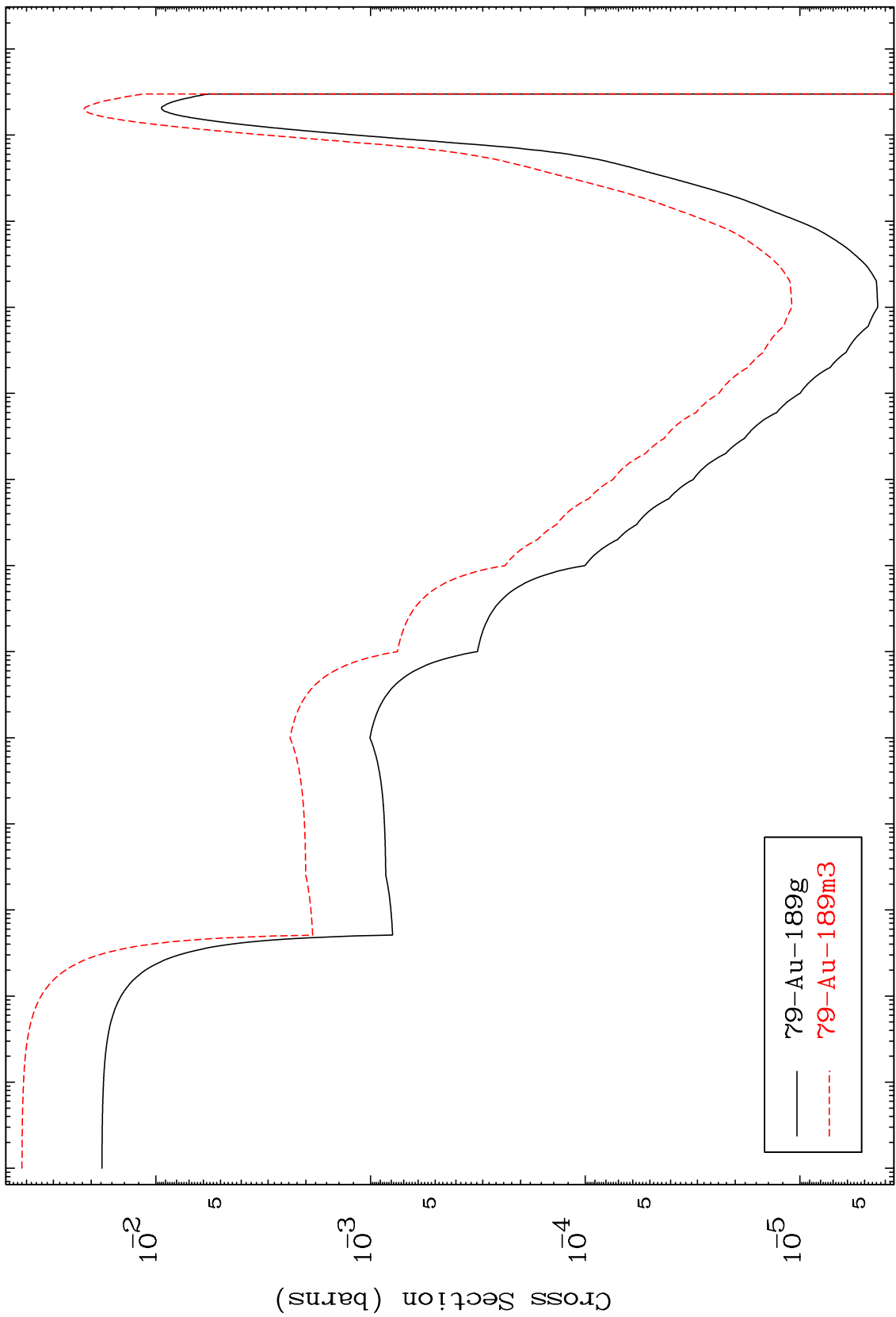
80-Hg-191g  
80-Hg-191m3

MAT 8093

81-Tl-192m

Radionuclide Production Cross Section

(n,  $\alpha$ )



—  $^{189}\text{Au-79g}$   
- - -  $^{189}\text{Au-79m3}$

81-Tl-192m

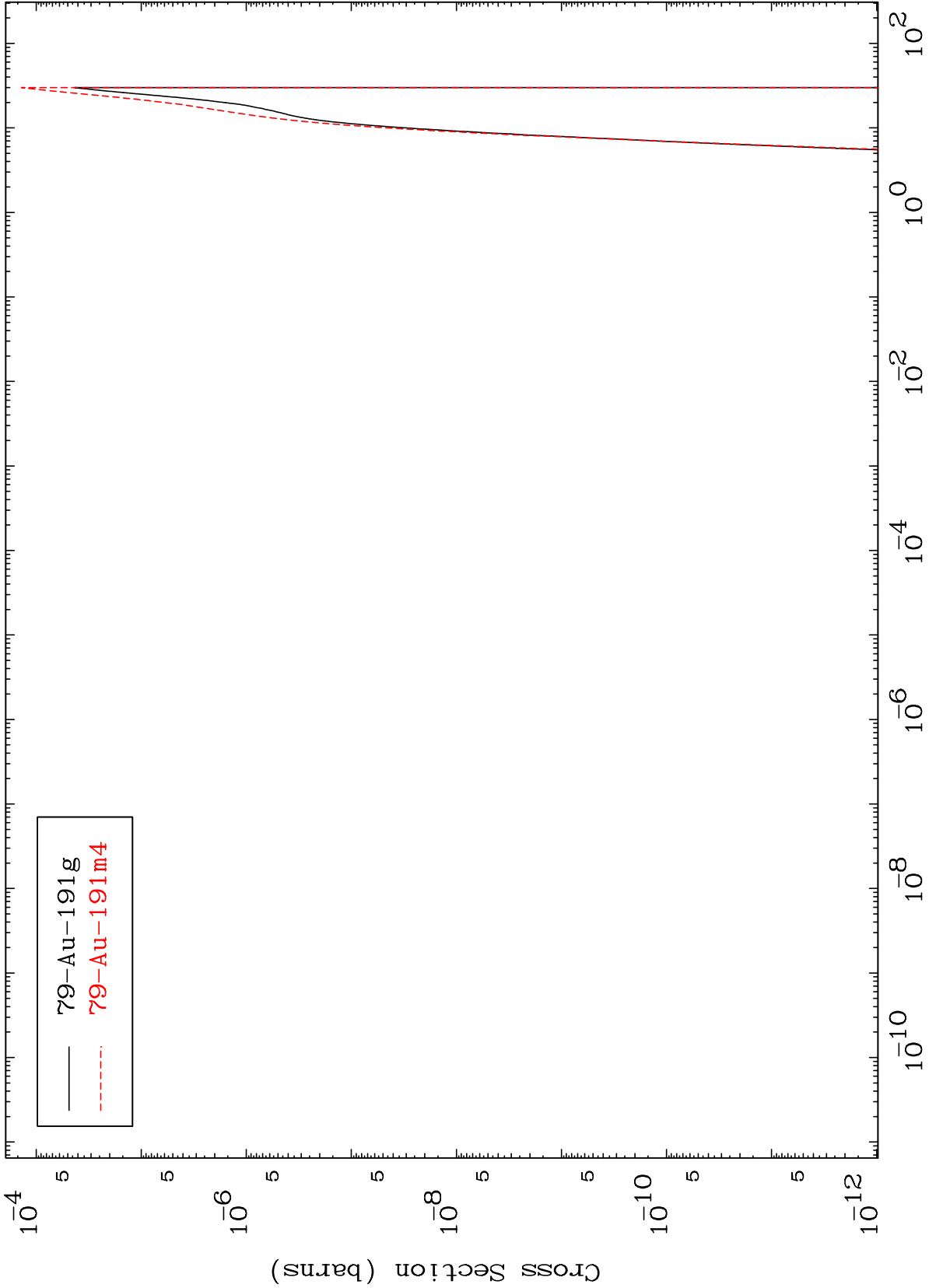
Incident Energy (MeV)

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(n,2p)

81-Tl-192m

Radionuclide Production Cross Section



MAT 8093

(n,p) t

81-TI-192m

Radionuclide Production Cross Section

