

Program EVALPLOT  
(Version 2021-1)

by

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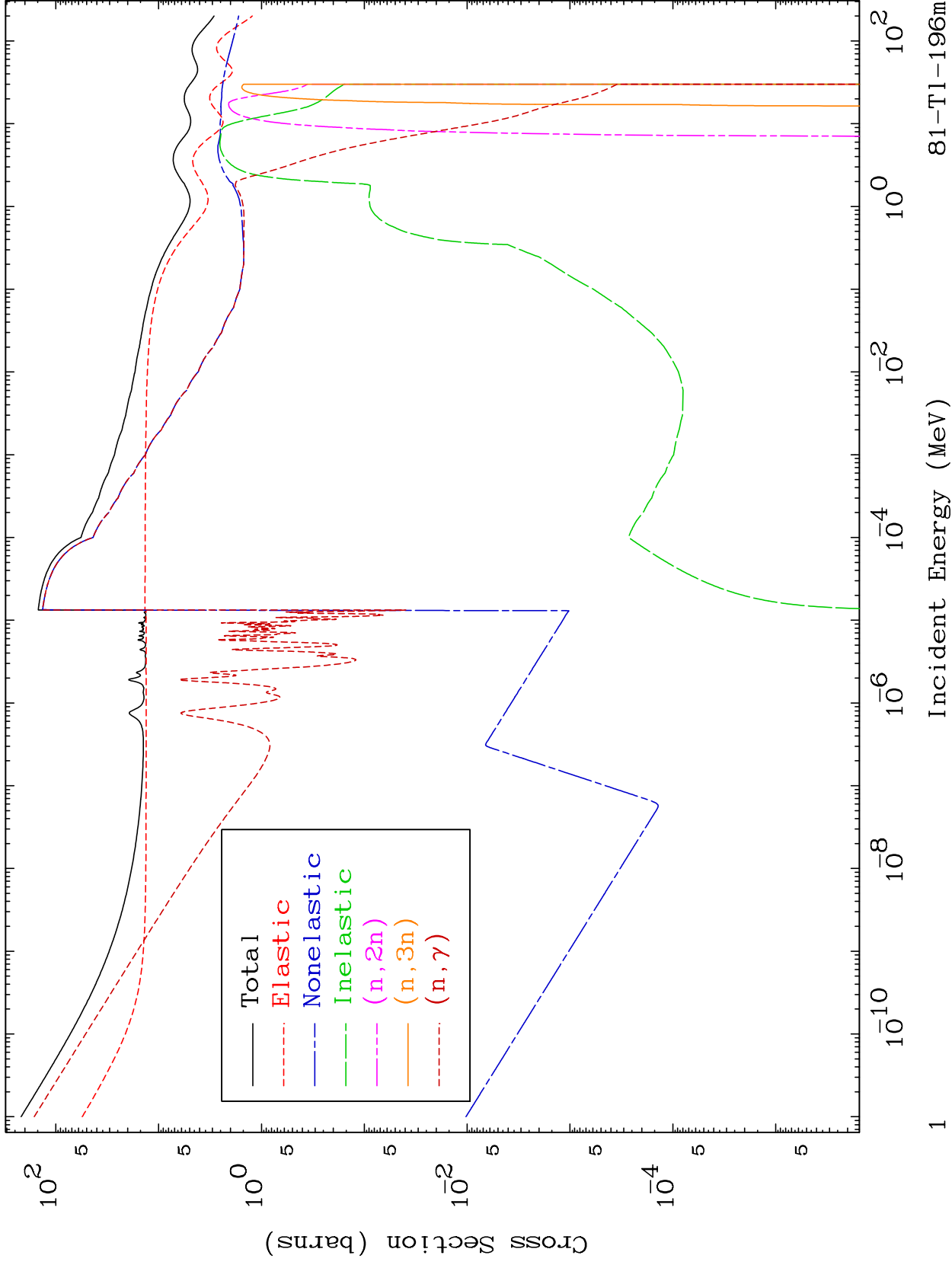
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8105

Neutron Major  
293 Kelvin Cross Sections

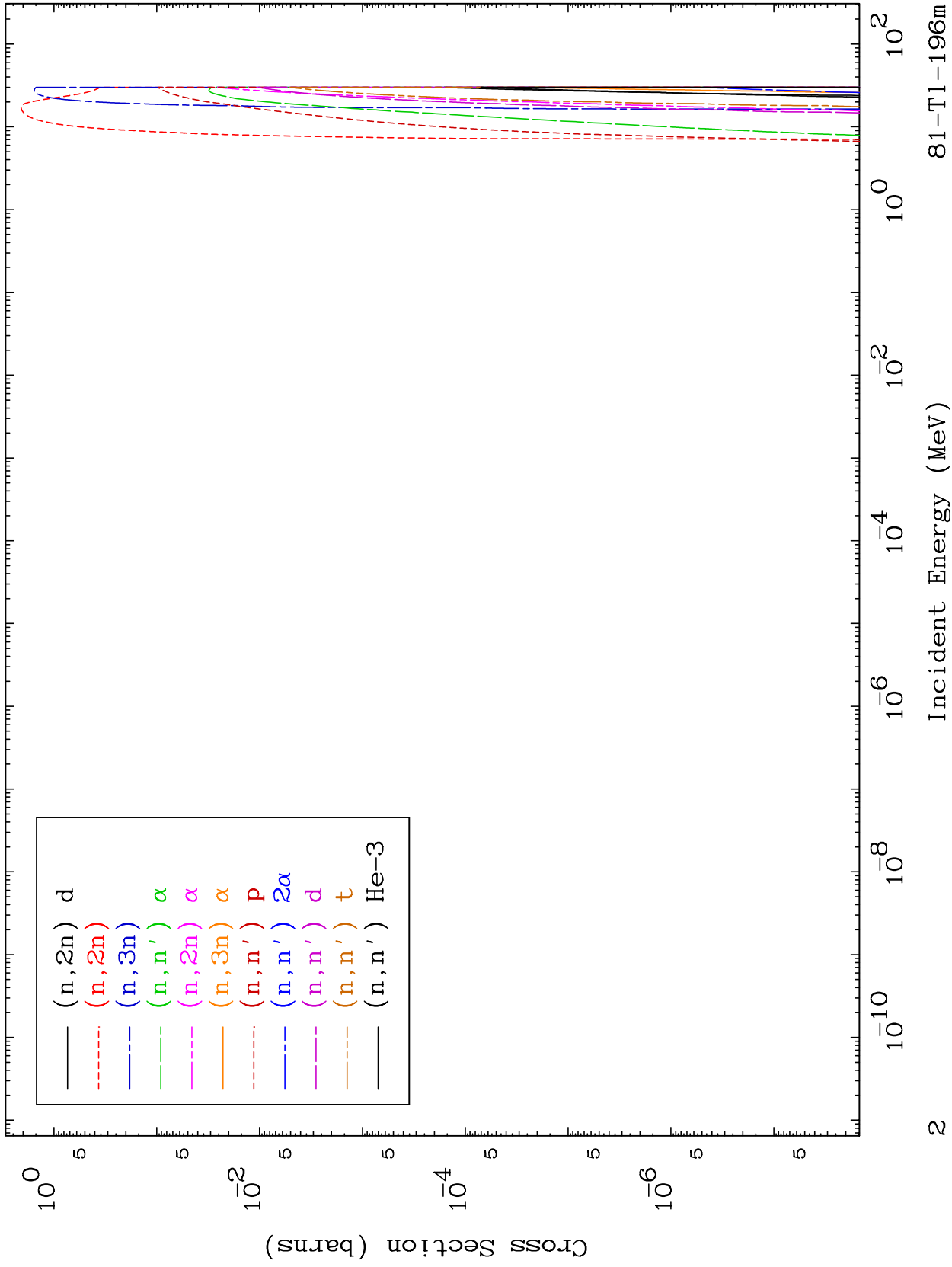
81-TI-196m

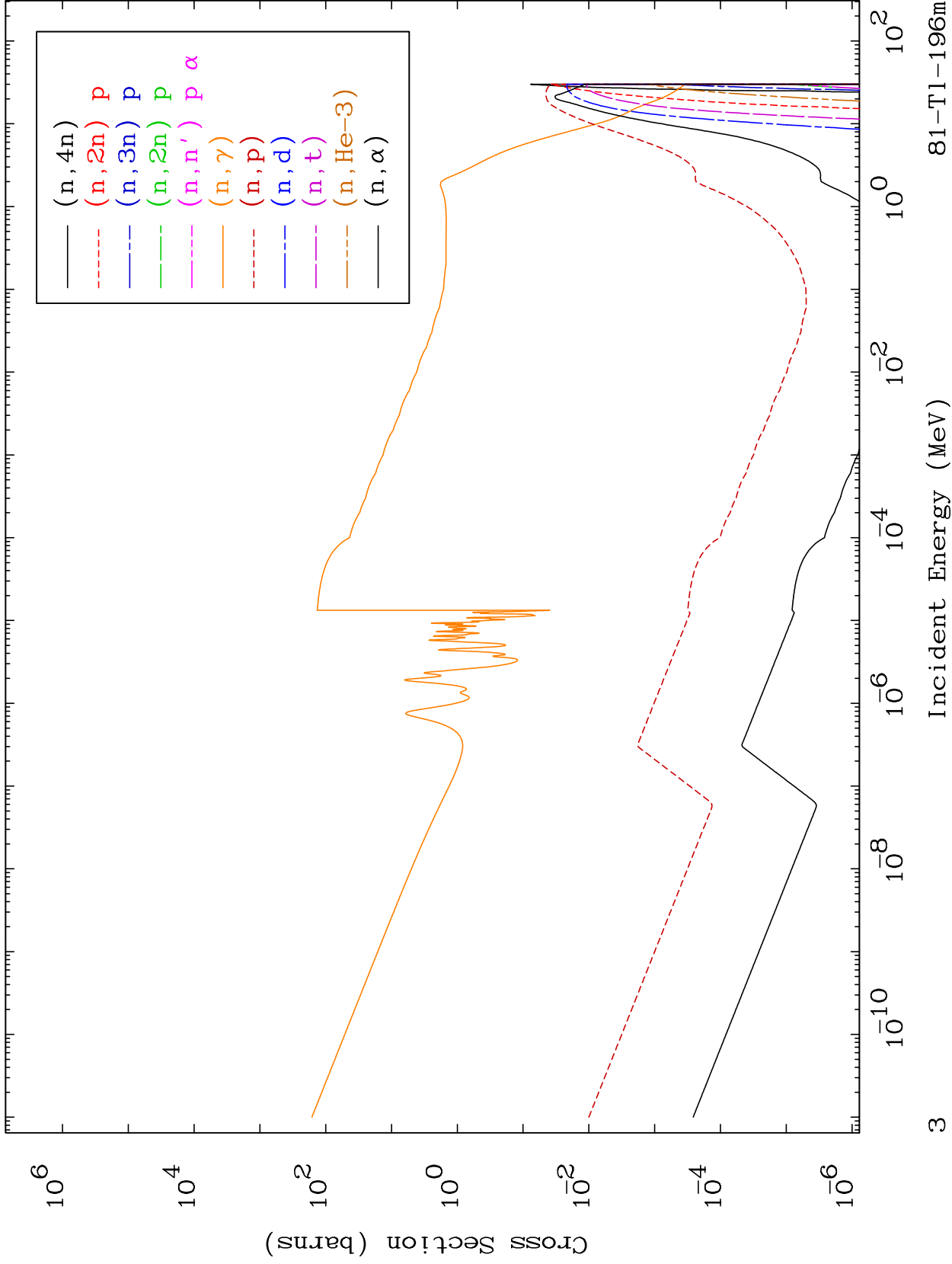


MAT 8105

Neutron Absorption  
293 Kelvin Cross Sections

81-TI-196m

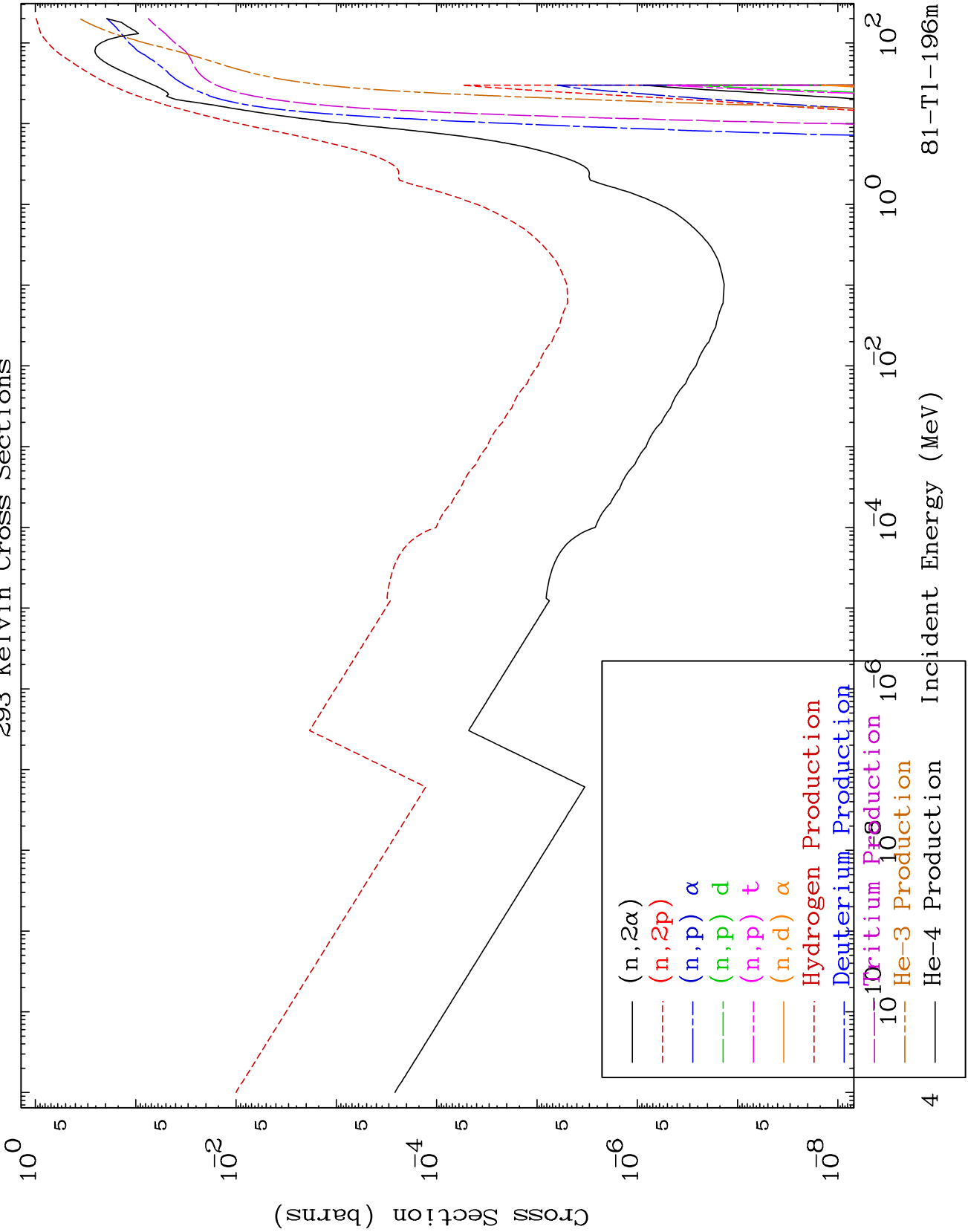




MAT 8105

Neutron Absorption  
293 Kelvin Cross Sections

81-TI-196m



Incident Energy (MeV)

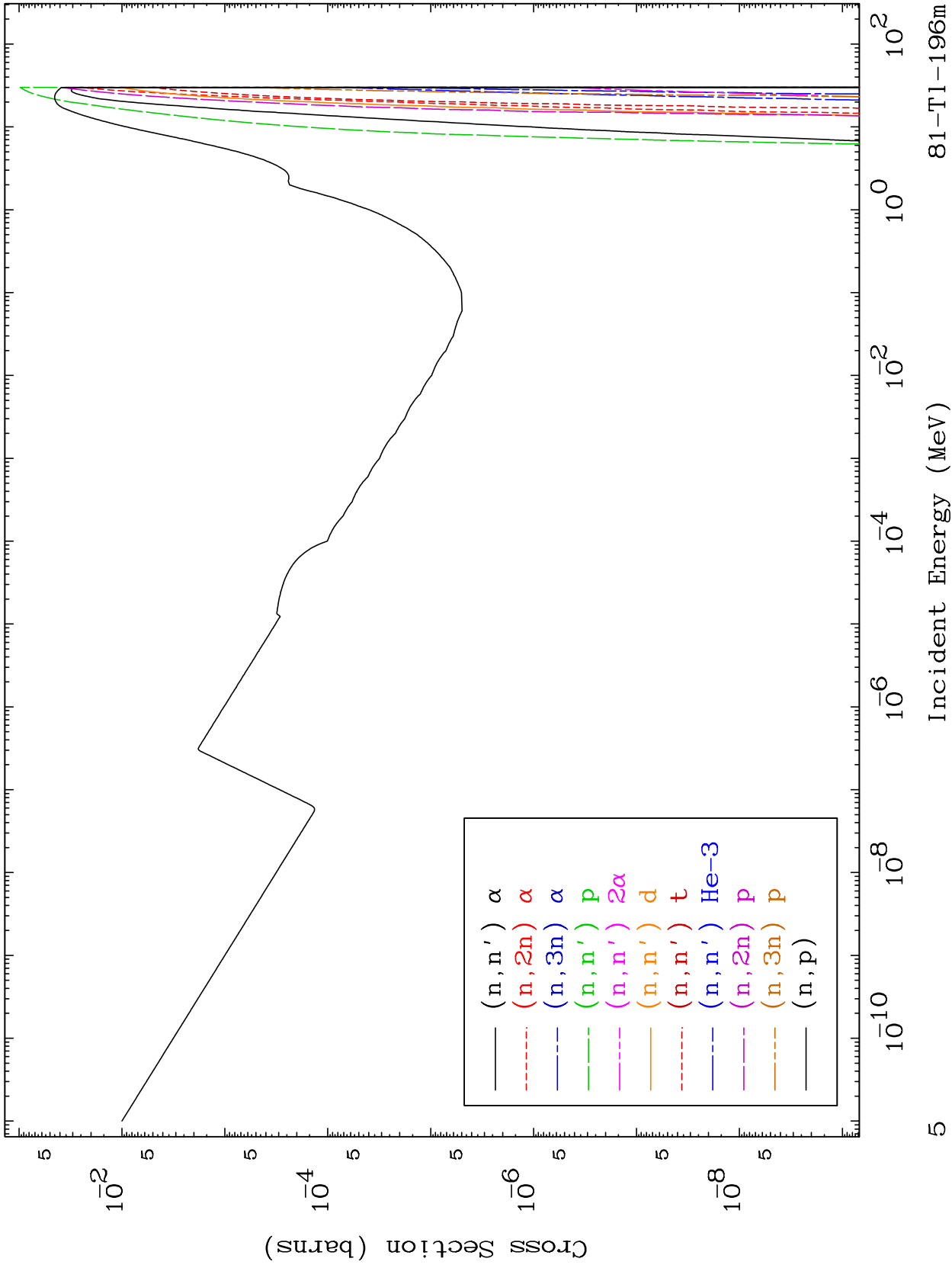
81-TI-196m

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MAT 8105

Charged Particle  
293 Kelvin Cross Sections

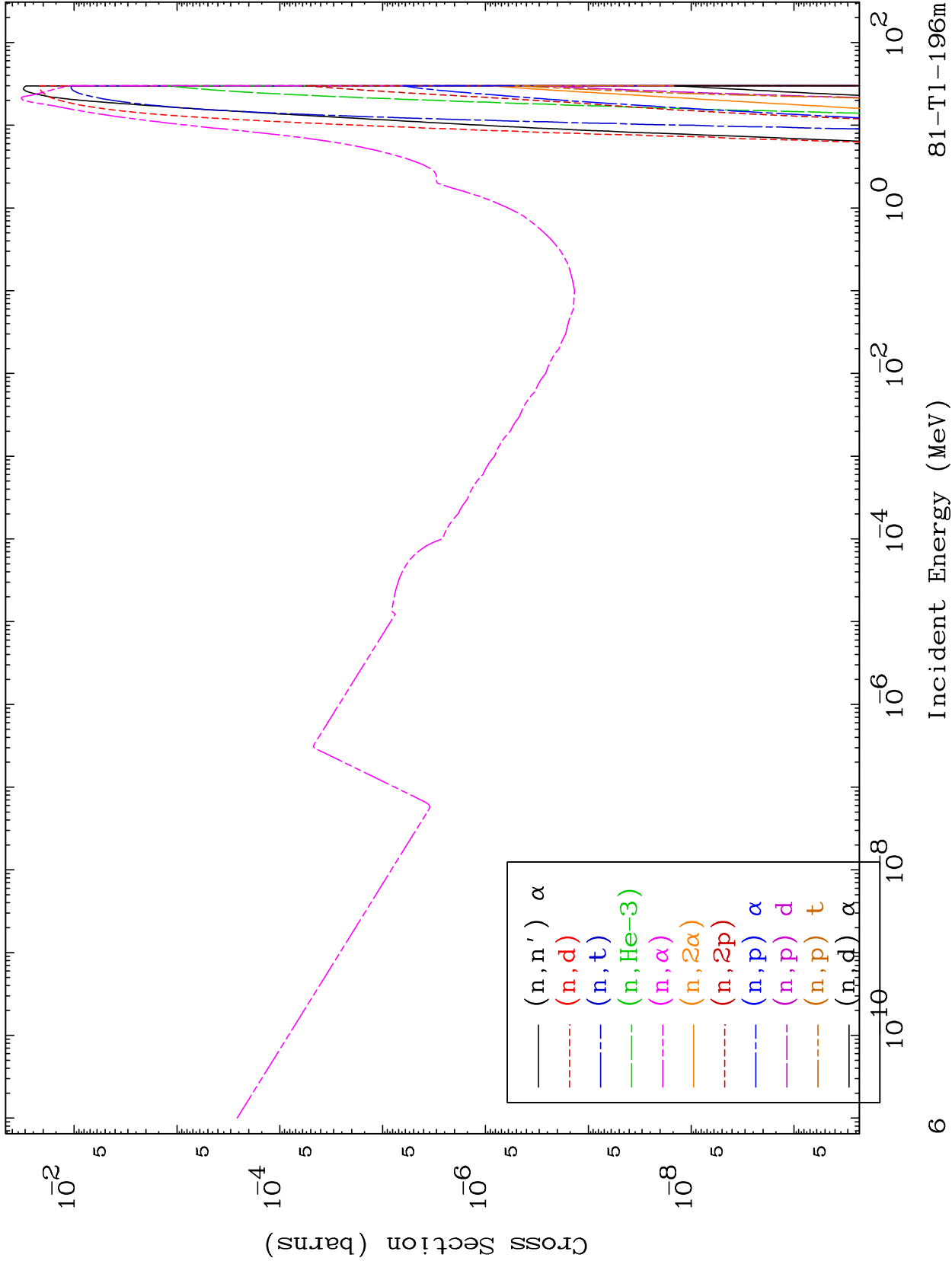
81-Tl-196m



MAT 8105

Charged Particle  
293 Kelvin Cross Sections

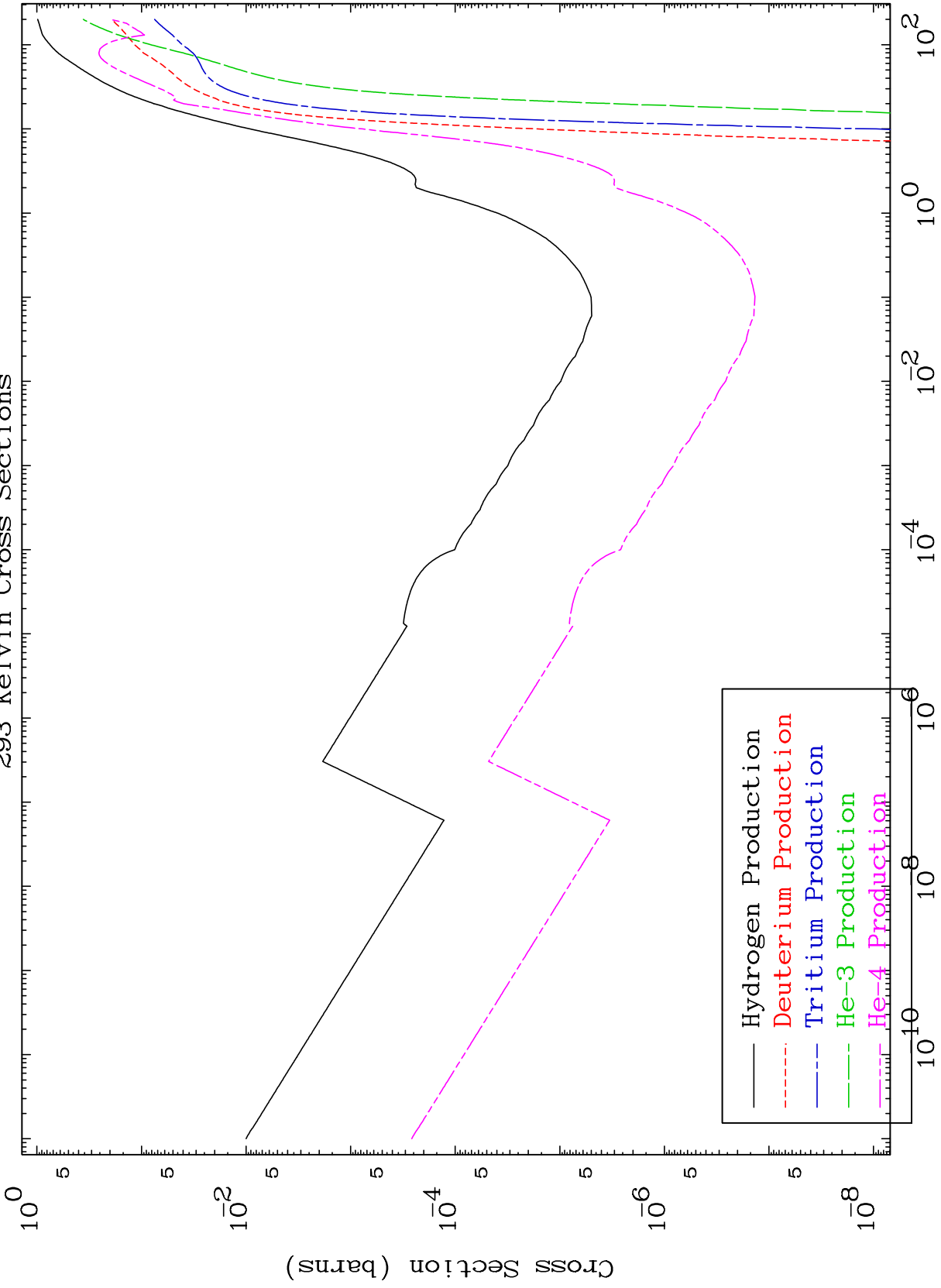
81-Tl-196m



MAT 8105

Particle Production  
293 Kelvin Cross Sections

81-TI-196m

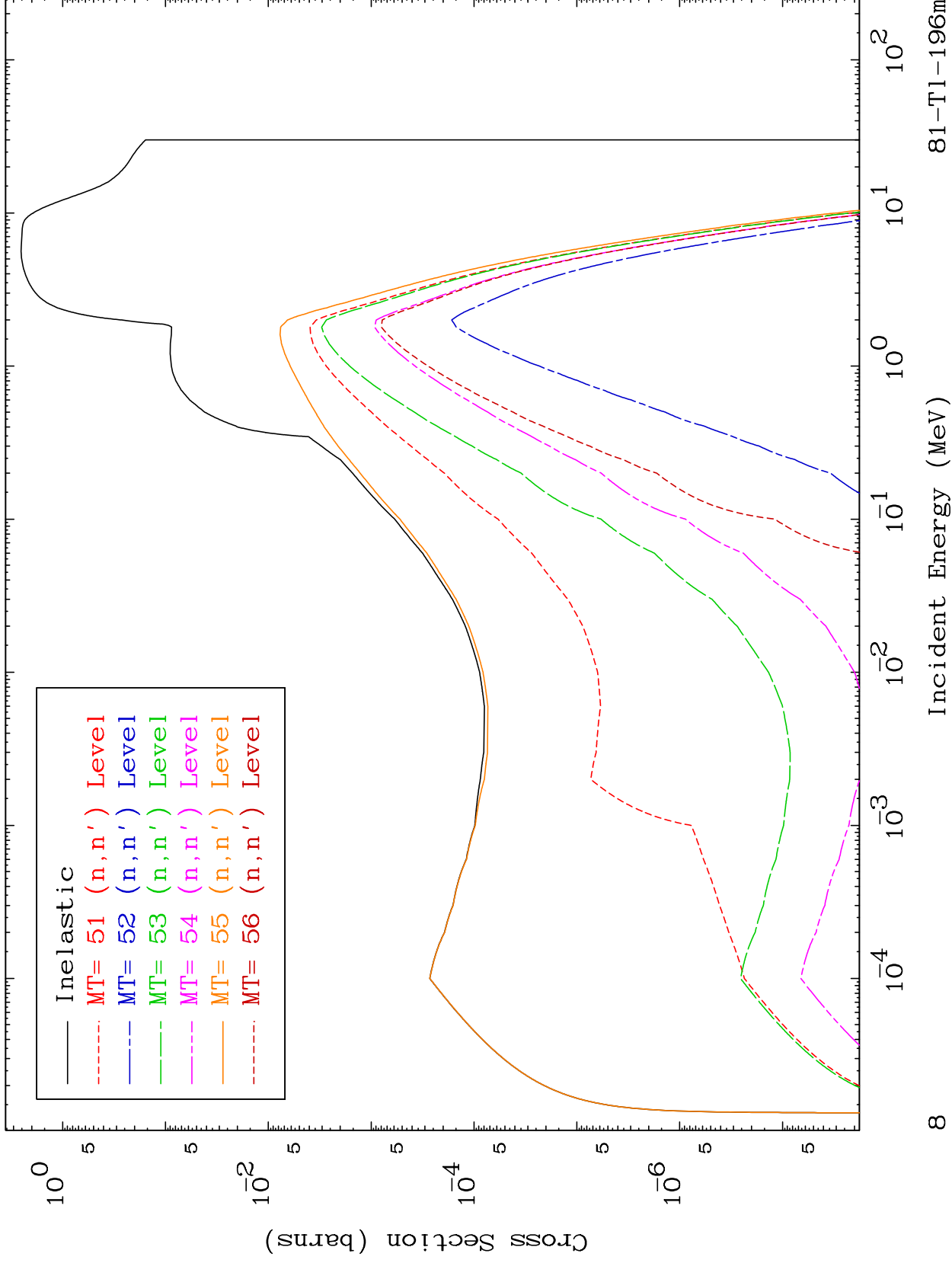




MAT 8105

(n,n') Levels  
293 Kelvin Cross Sections

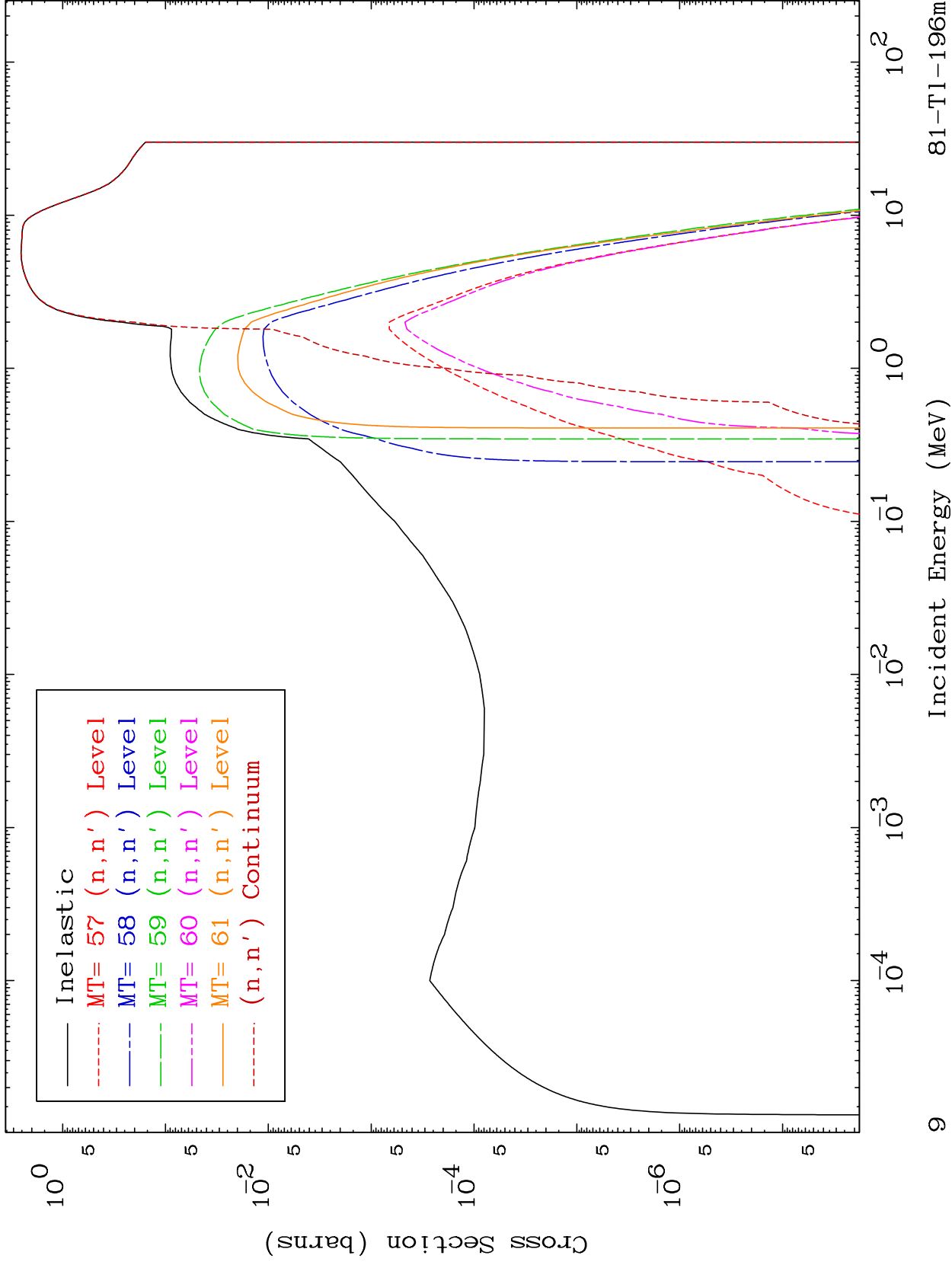
81-TI-196m



MAT 8105

(n,n') Levels  
293 Kelvin Cross Sections

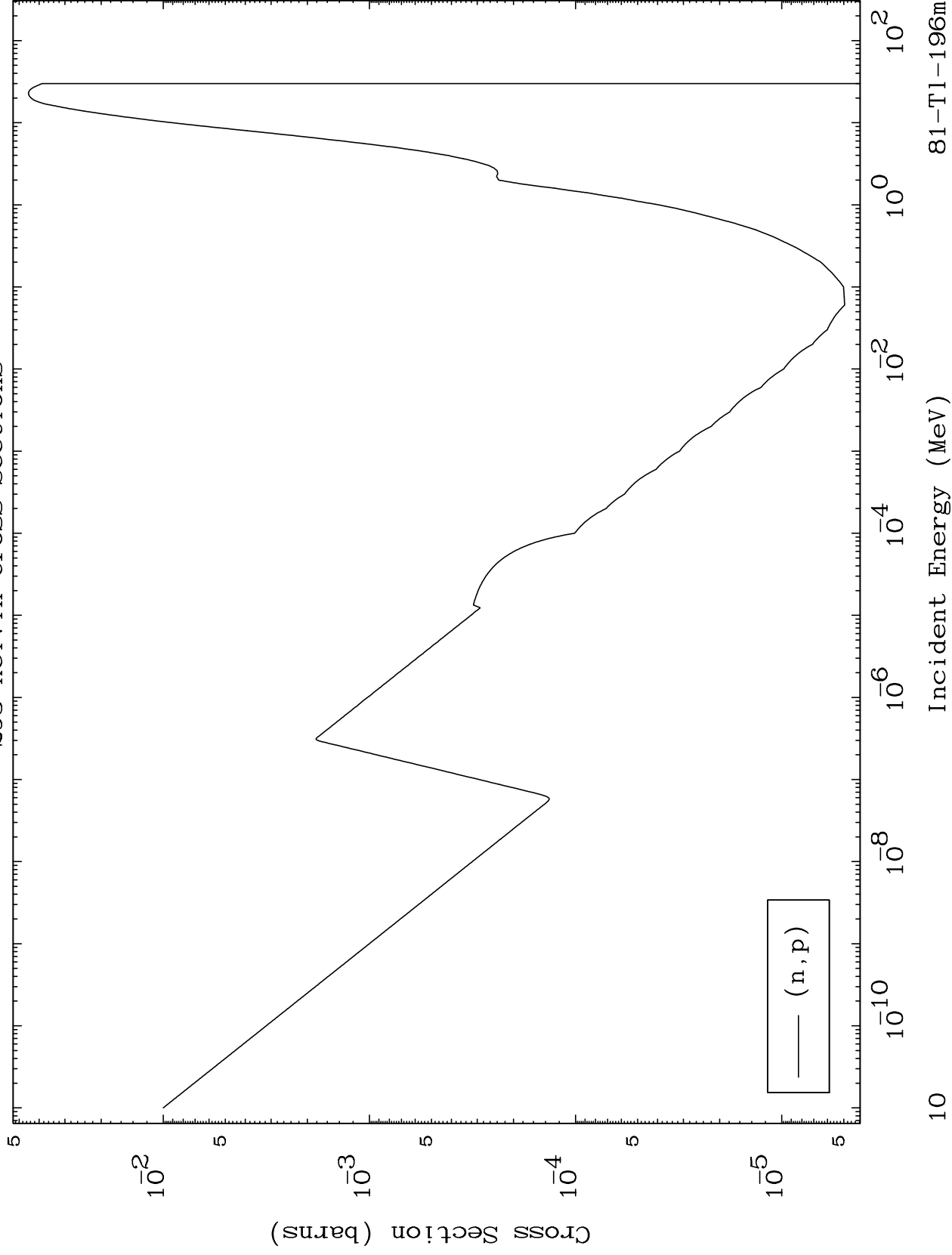
81-TI-196m



MAT 8105

(n,p) Levels  
293 Kelvin Cross Sections

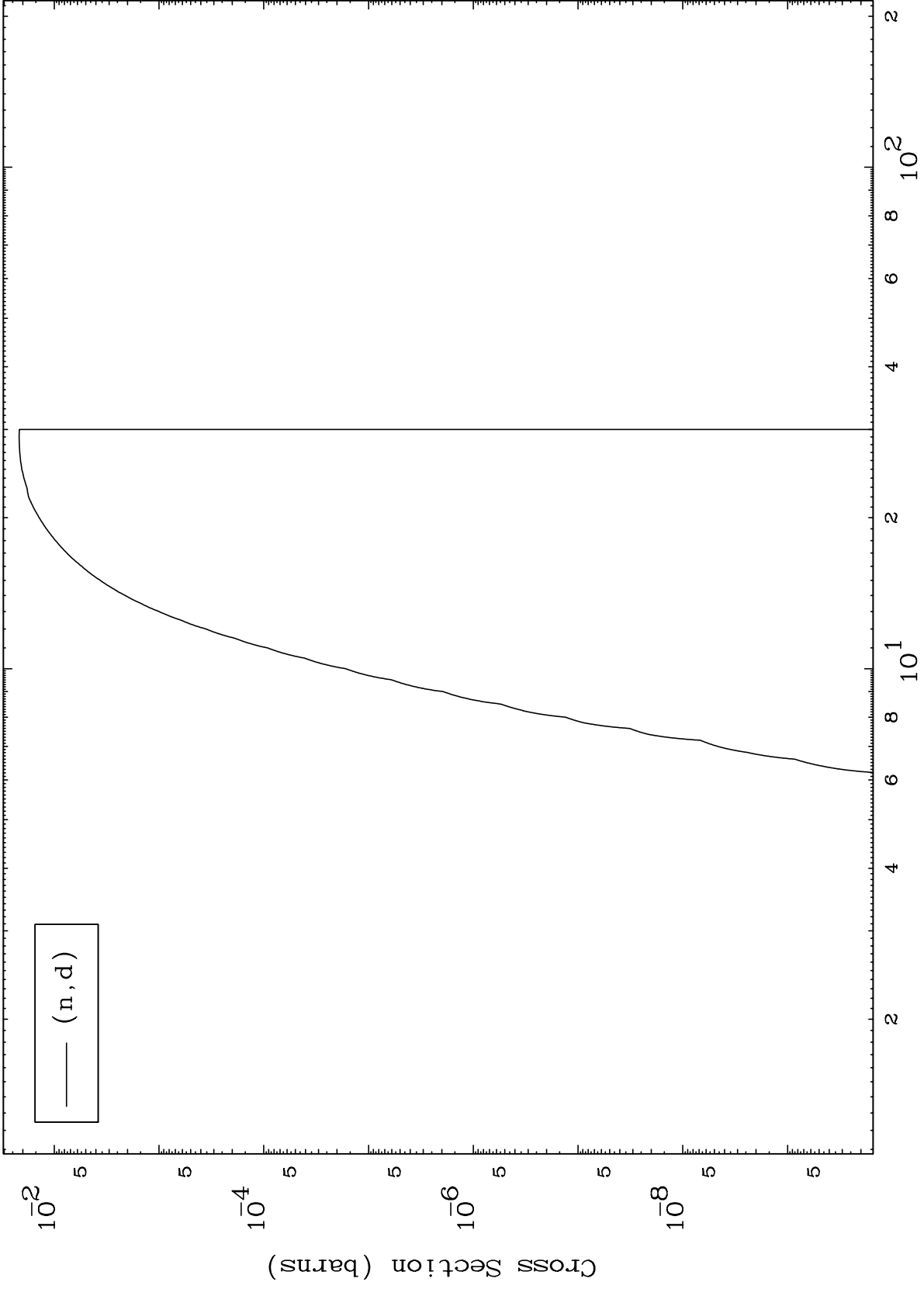
81-Tl-196m



MAT 8105

(n,d) Levels  
293 Kelvin Cross Sections

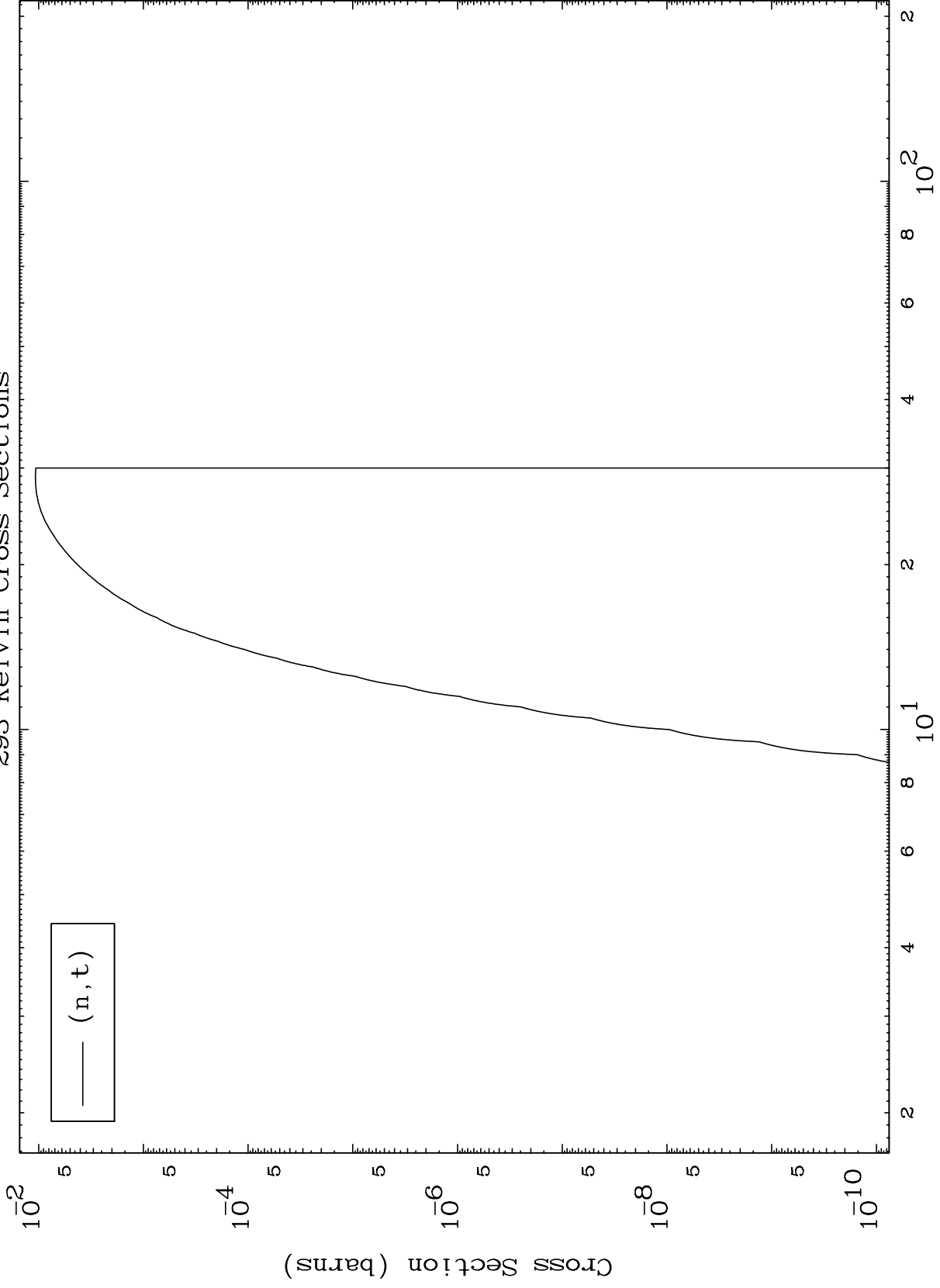
81-Tl-196m



MAT 8105

(n,t) Levels  
293 Kelvin Cross Sections

81-TI-196m



12

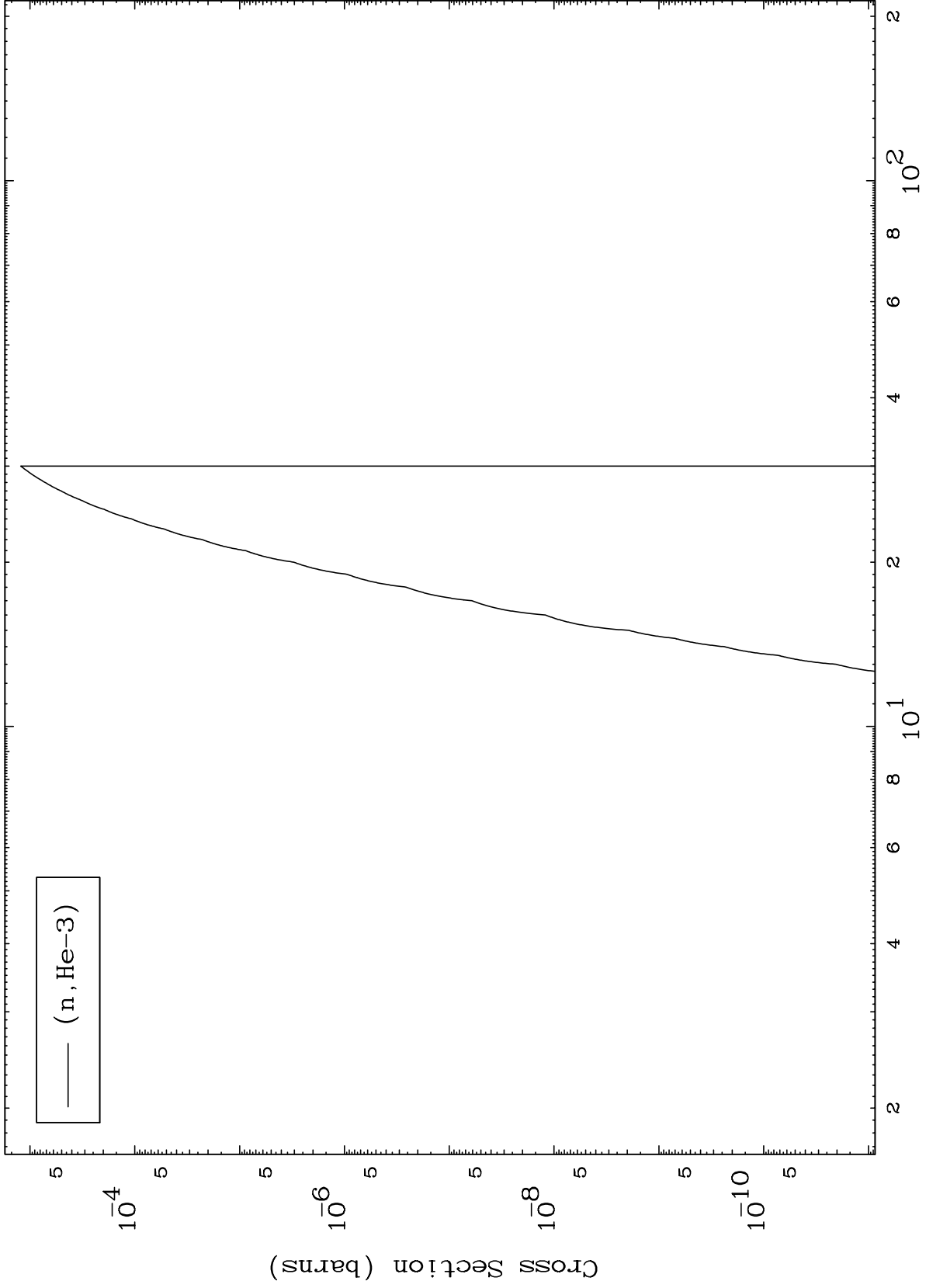
Incident Energy (MeV)

81-TI-196m

MAT 8105

(n,He3) Levels  
293 Kelvin Cross Sections

81-TI-196m



13

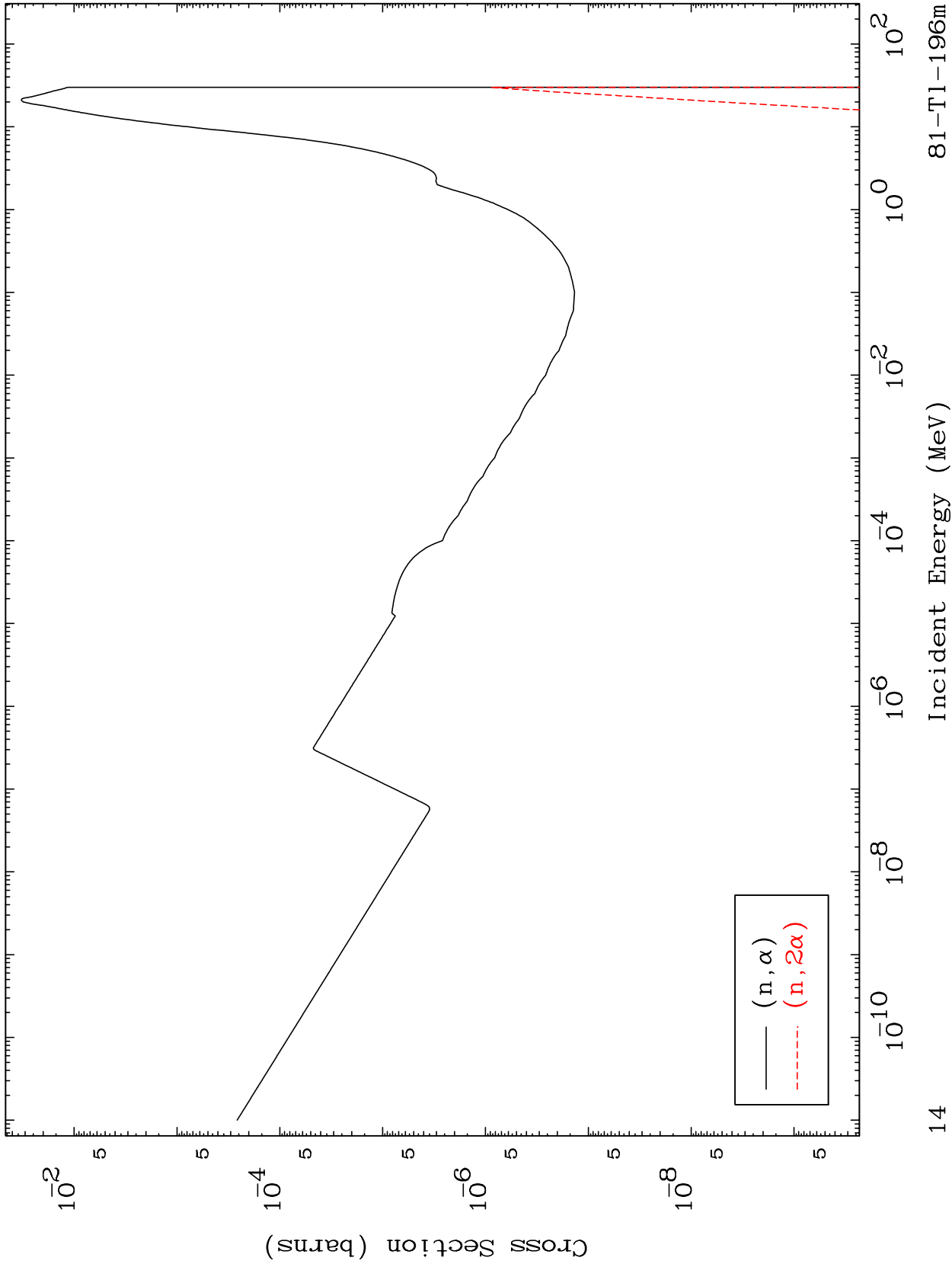
Incident Energy (MeV)

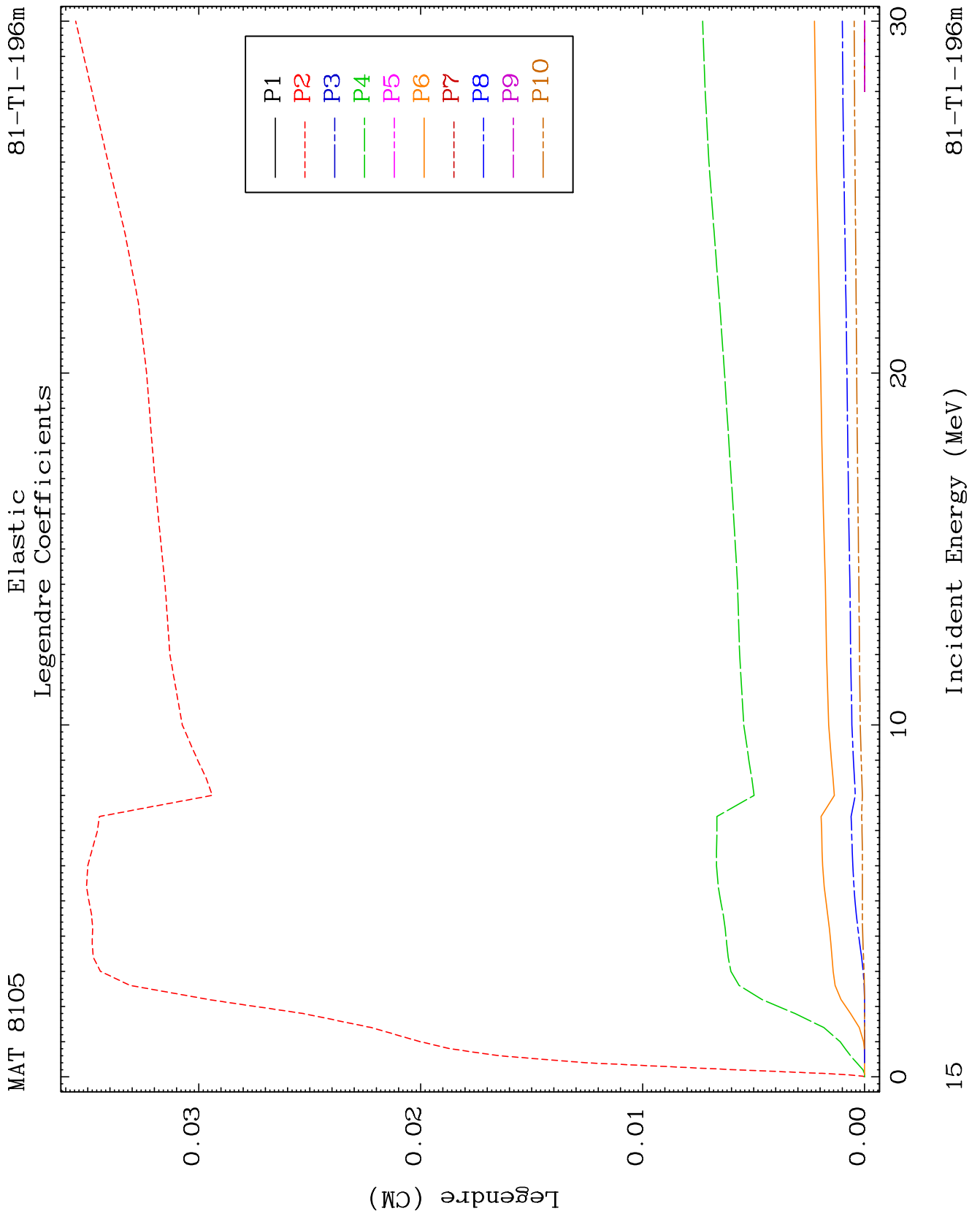
81-TI-196m

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

81-Tl-196m



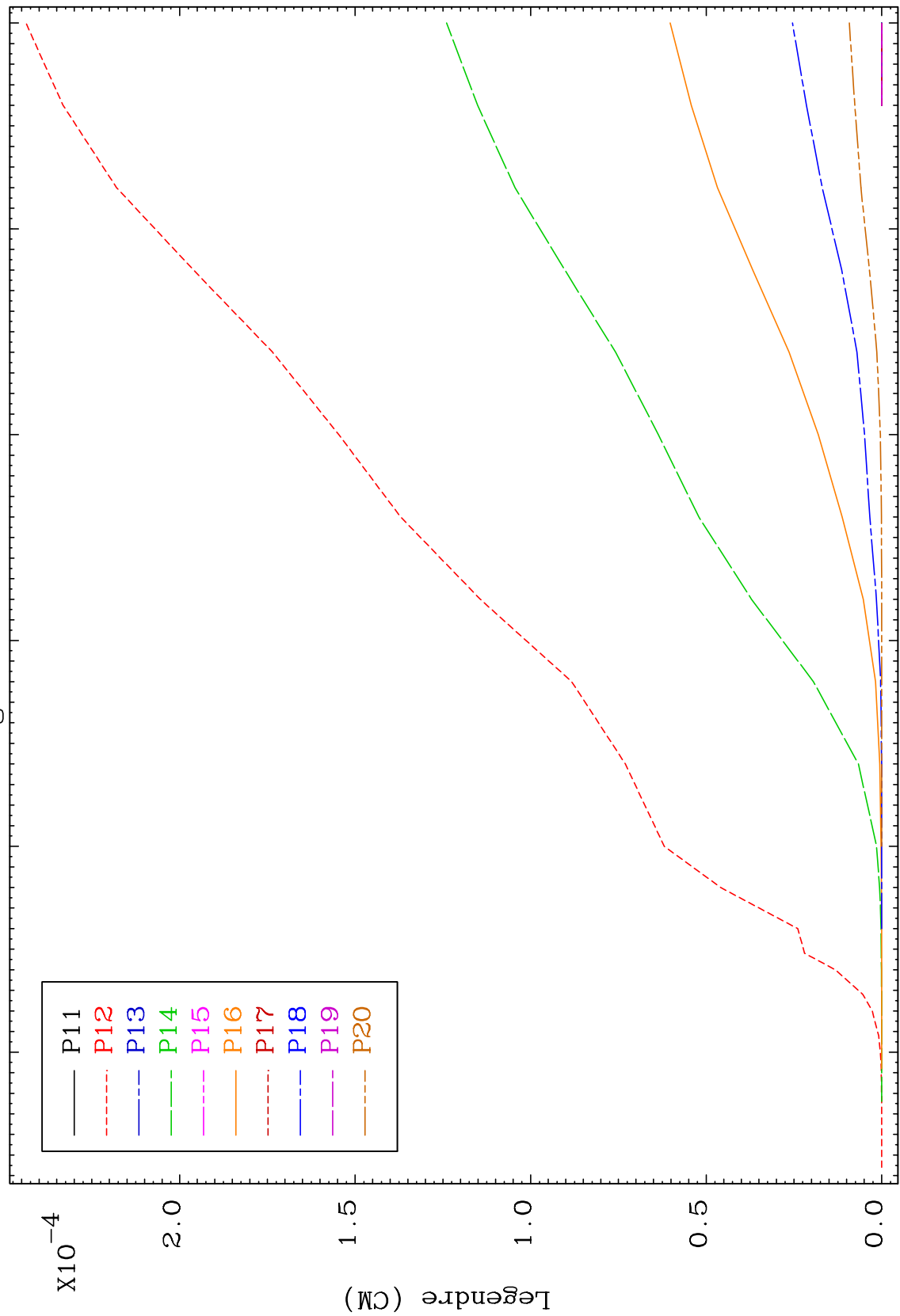




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Elastic  
Legendre Coefficients

81-TI-196m



16

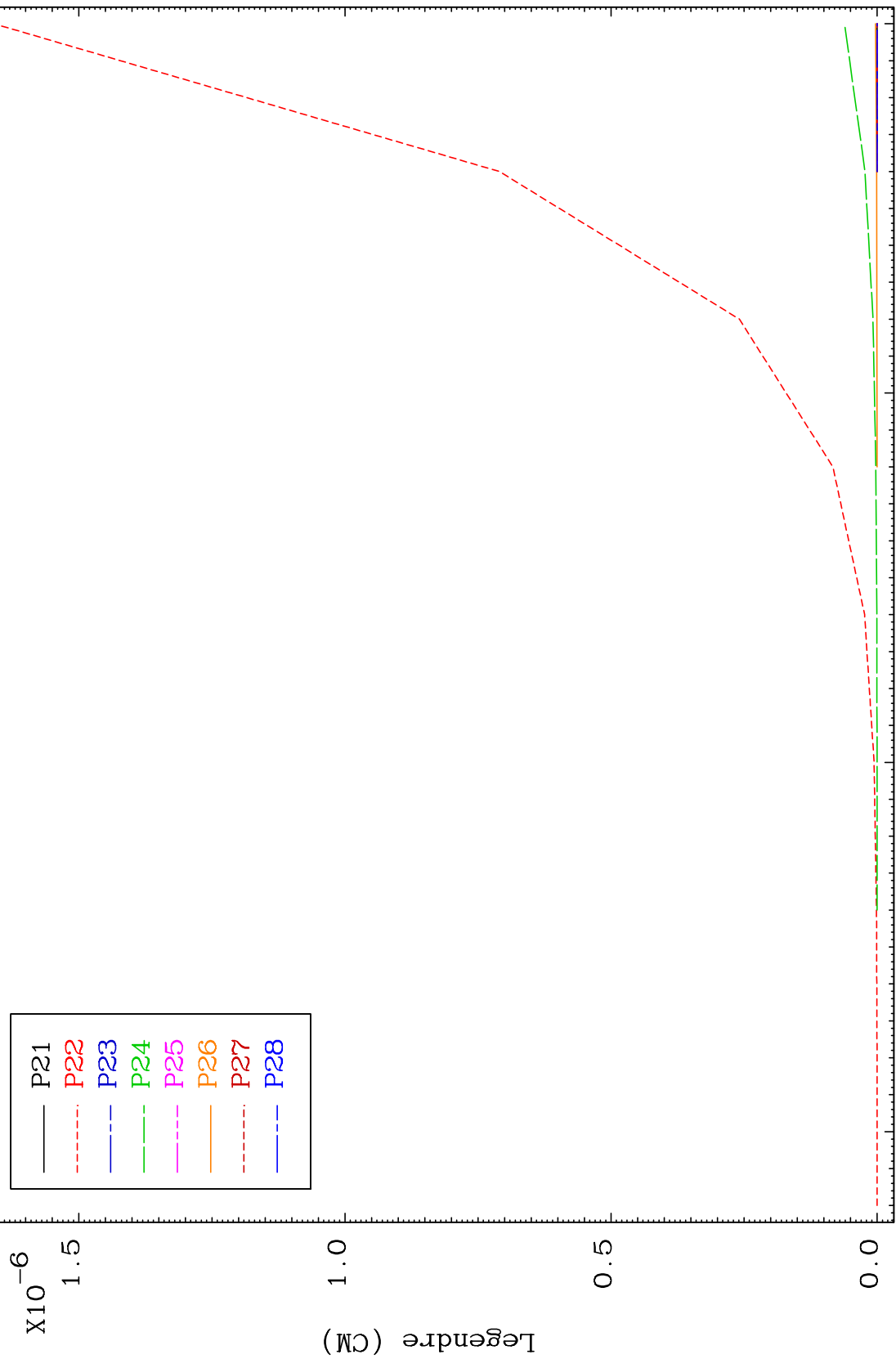
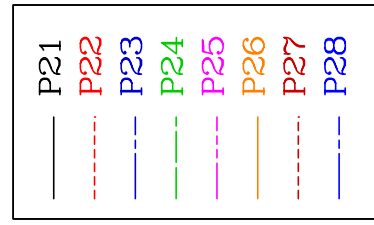
Incident Energy (MeV)

81-TI-196m

MAT 8105

Elastic Legendre Coefficients

81-TI-196m



17

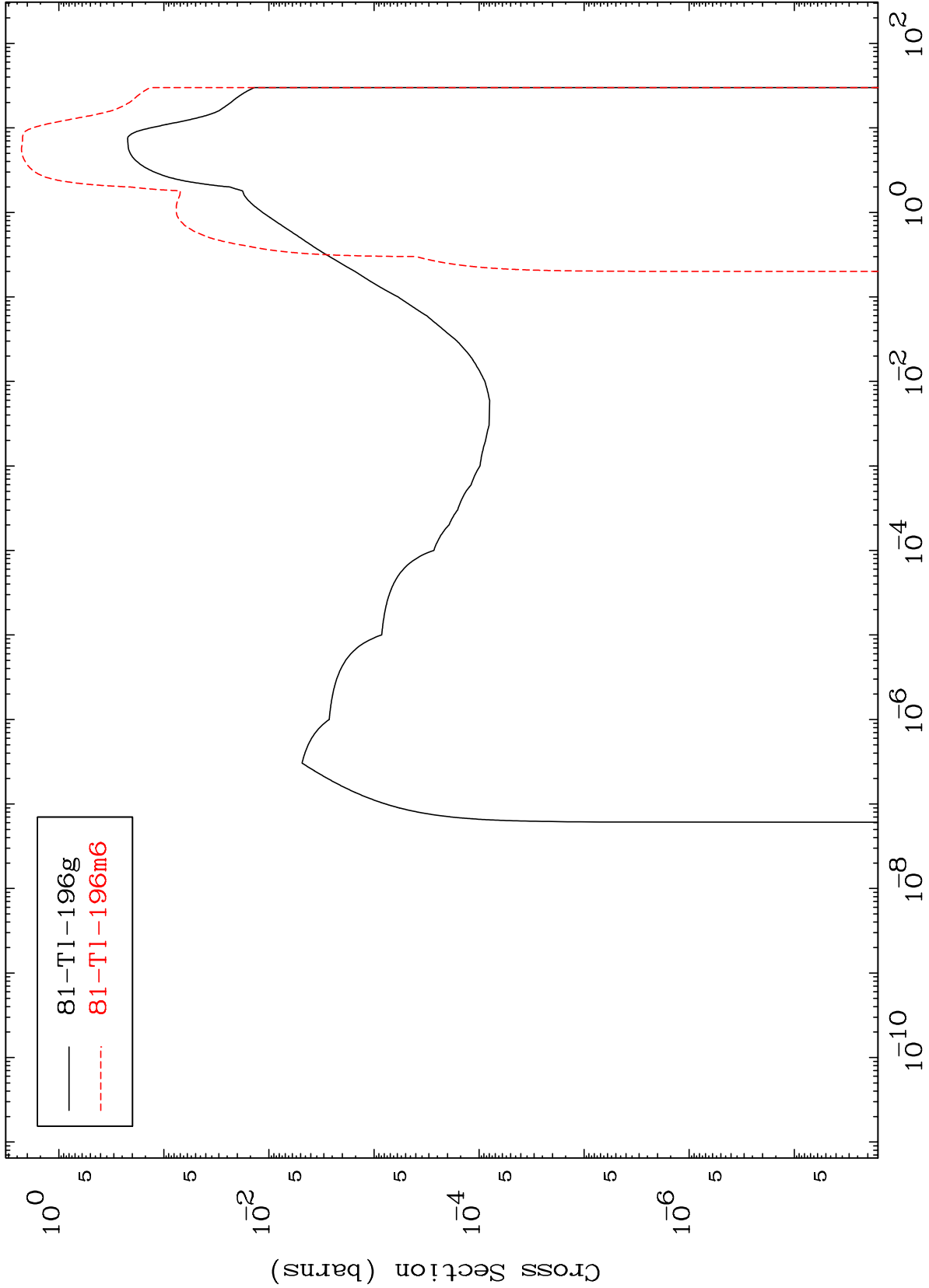
Incident Energy (MeV)

81-TI-196m

MAT 8105

Inelastic  
Radionuclide Production Cross Section

81-Tl-196m

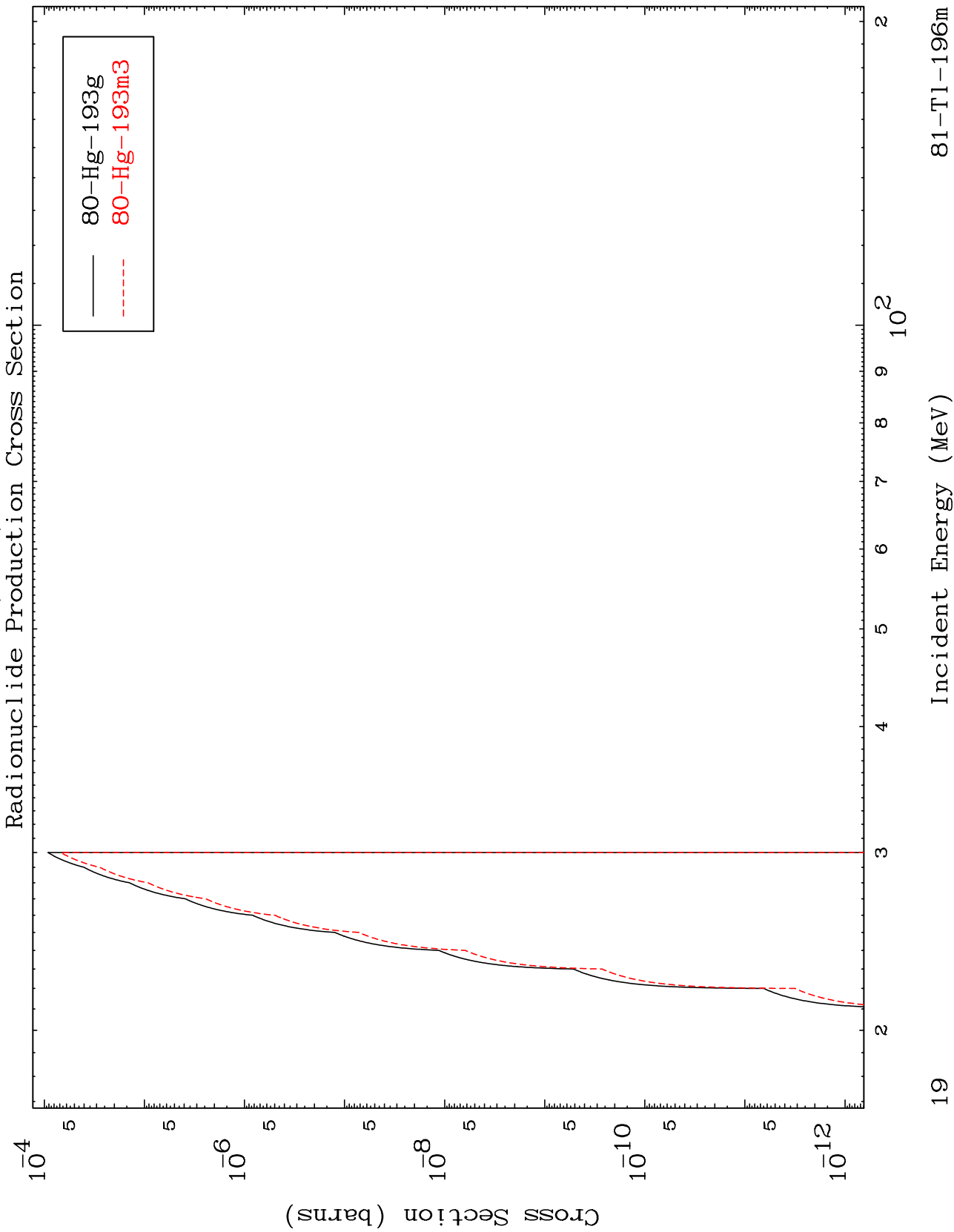


81-Tl-196g  
81-Tl-196m6

MAT 8105

(n,2n) d

81-TI-196m



19

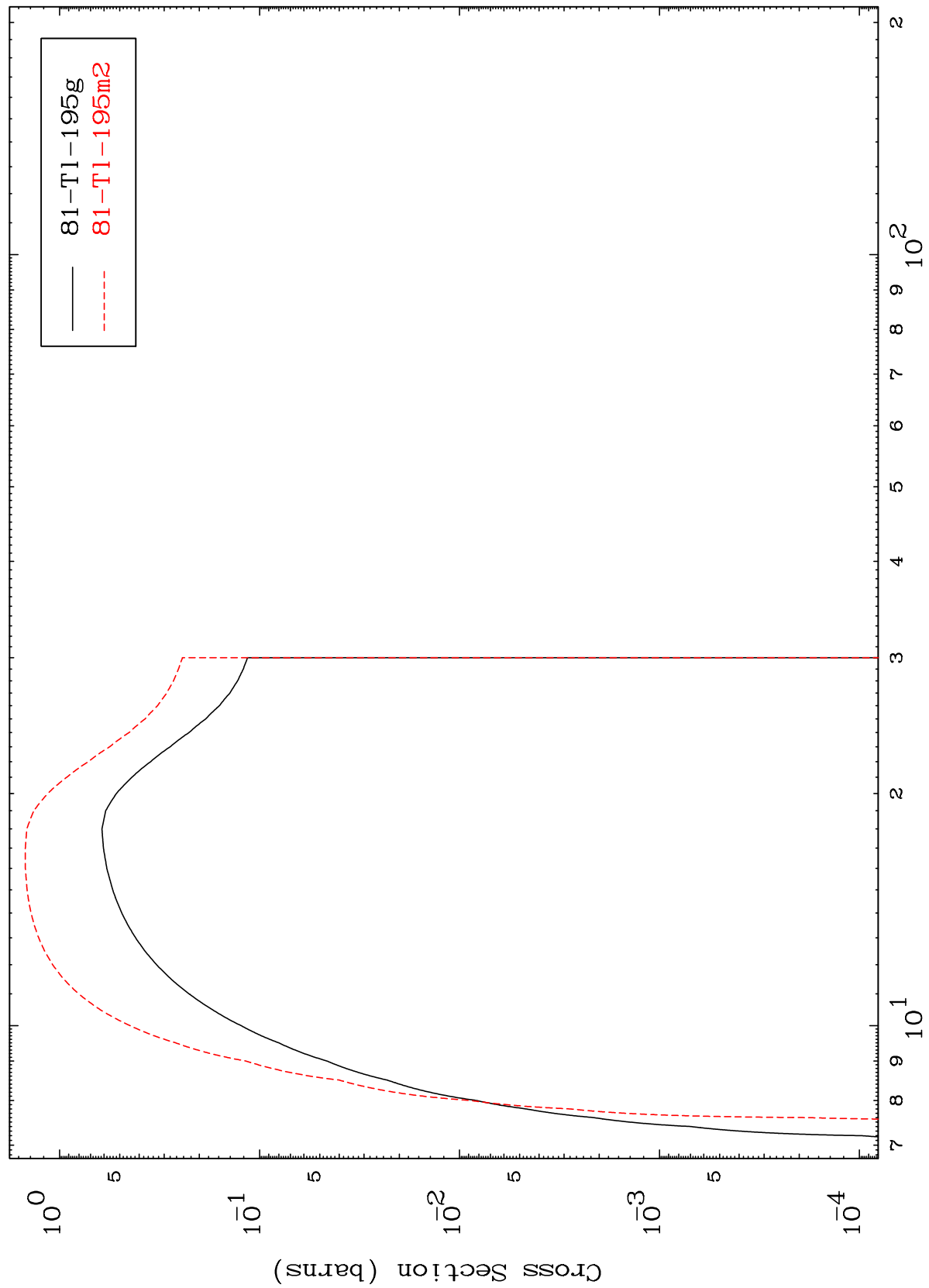
Incident Energy (MeV)

81-TI-196m

MAT 8105

81-Tl-196m

(n,2n)  
Radionuclide Production Cross Section



81-Tl-196m

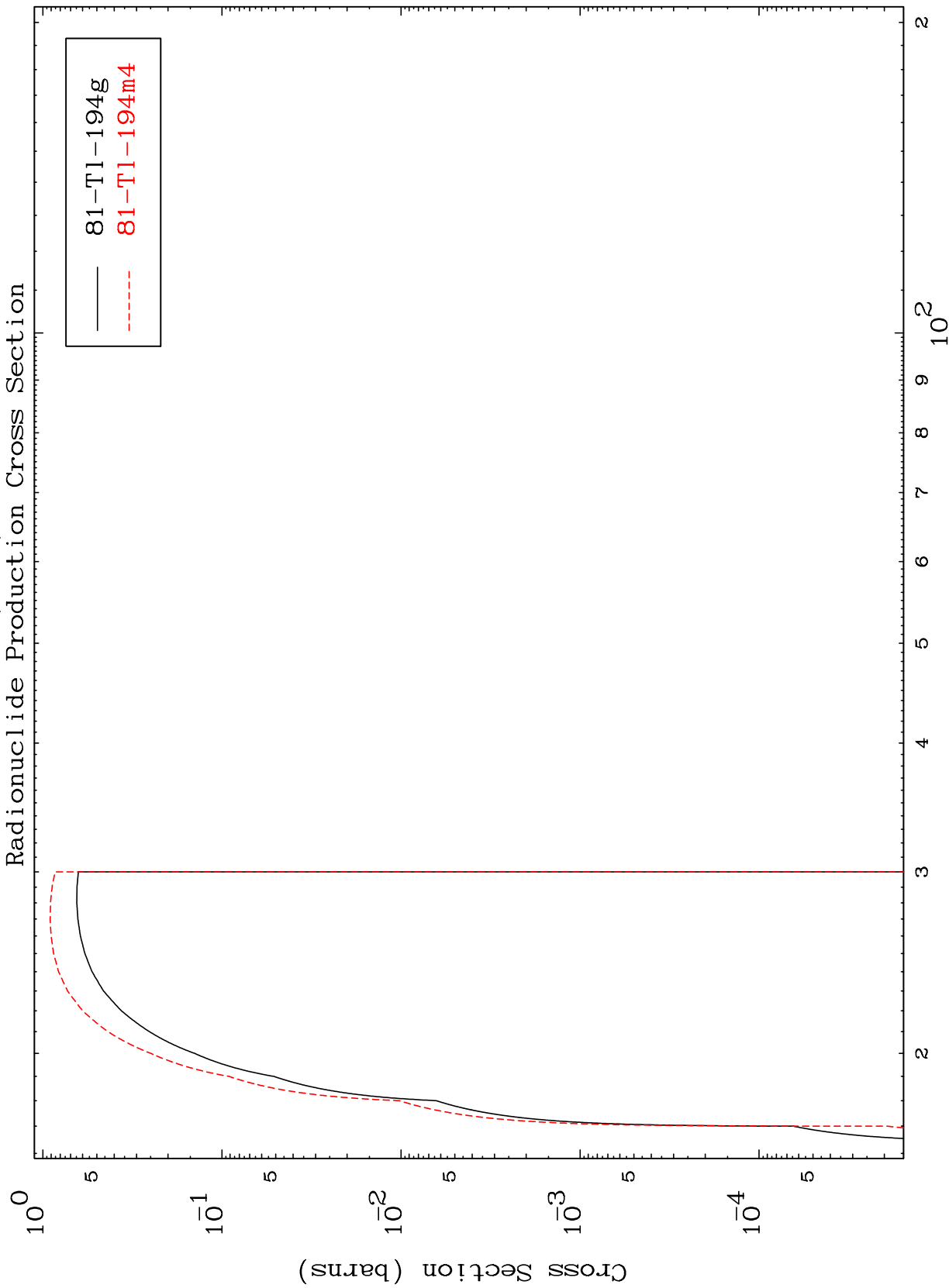
Incident Energy (MeV)

20

MAT 8105

81-Tl-196m

(n,3n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

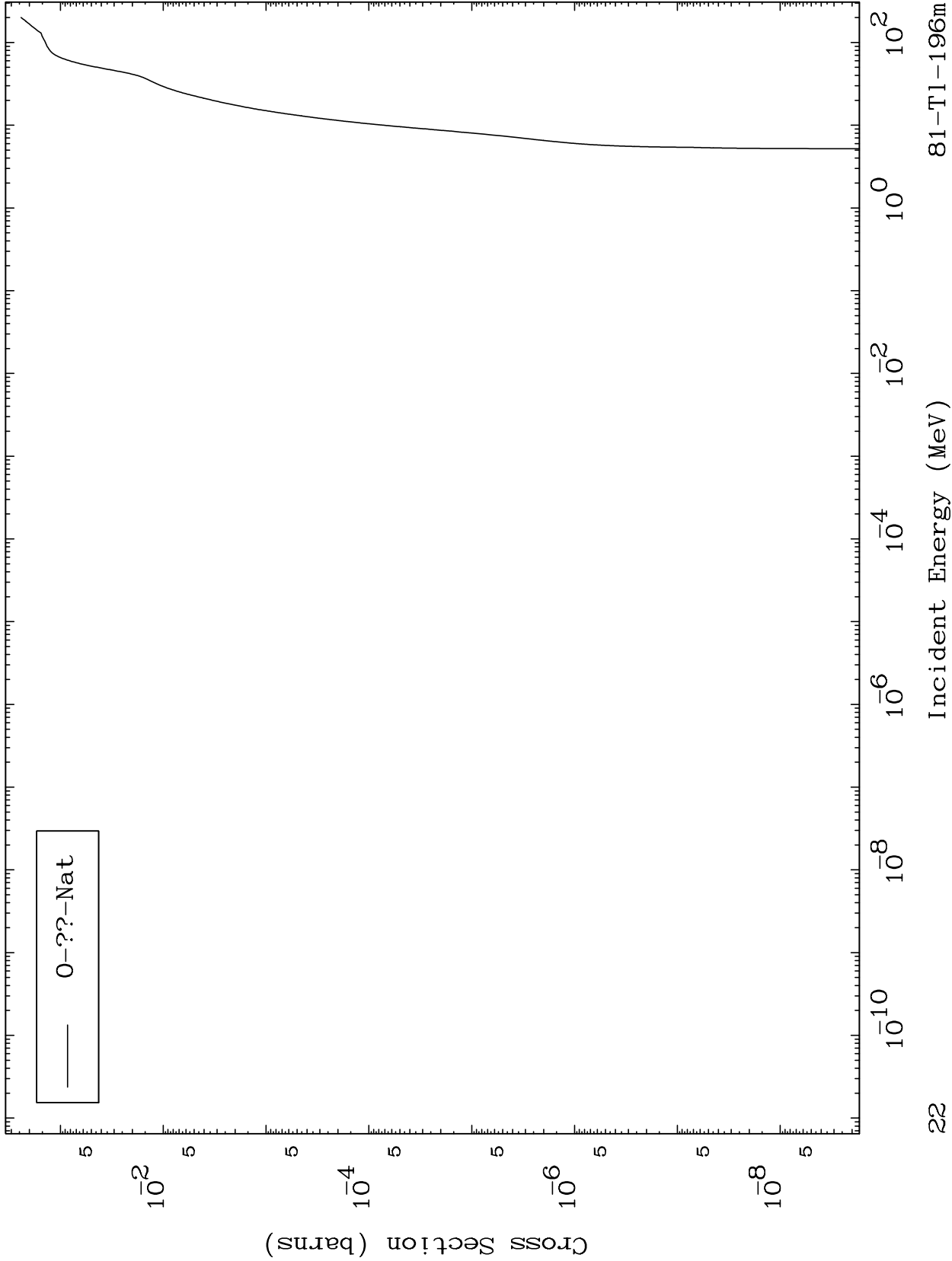
81-Tl-196m

MAT 8105

Fission

81-Tl-196m

Radionuclide Production Cross Section

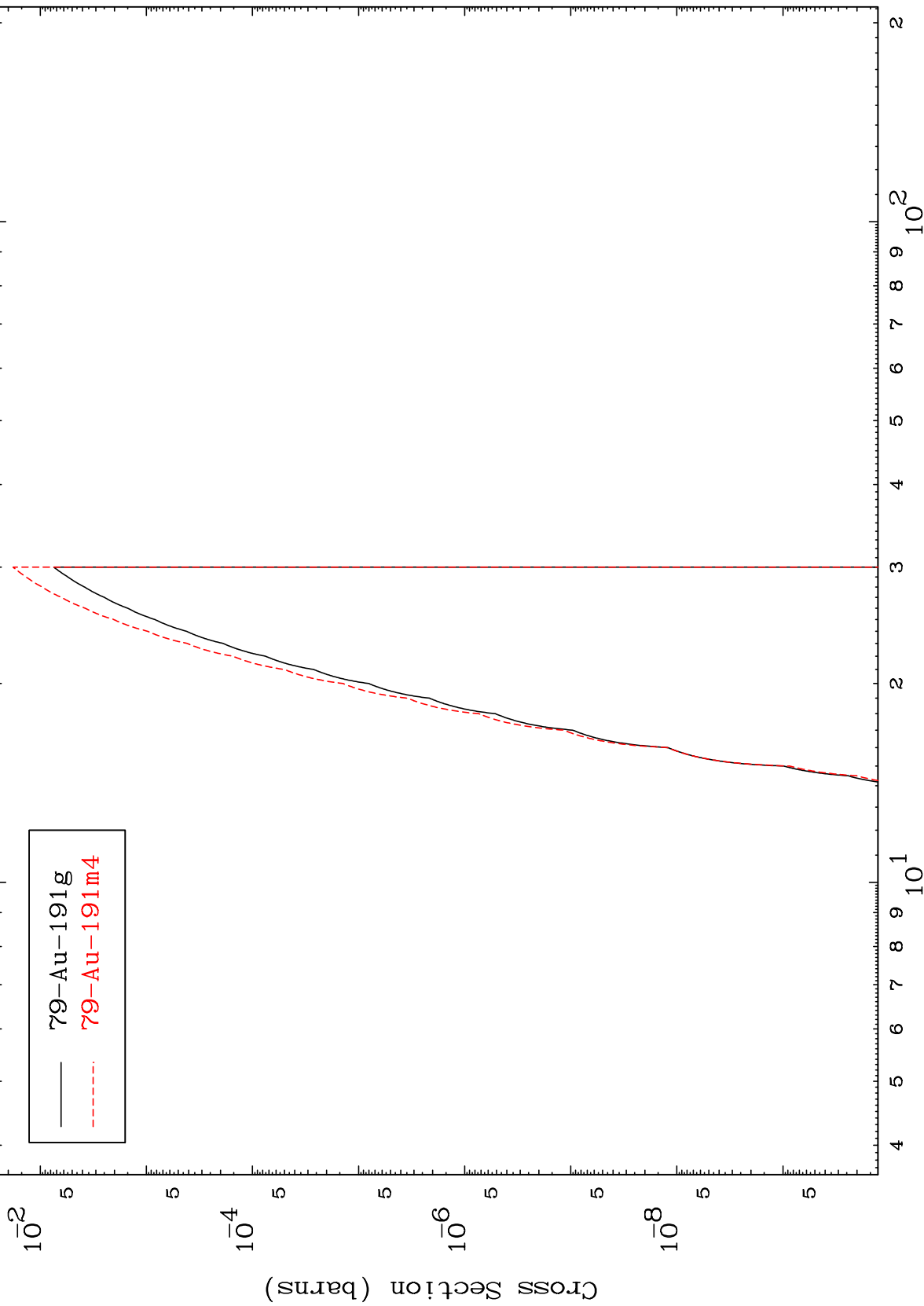


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(n,2n)  $\alpha$

81-Tl-196m

Radionuclide Production Cross Section



—  $^{79}\text{Au-191g}$   
- - -  $^{79}\text{Au-191m4}$

Incident Energy (MeV)

81-Tl-196m

23

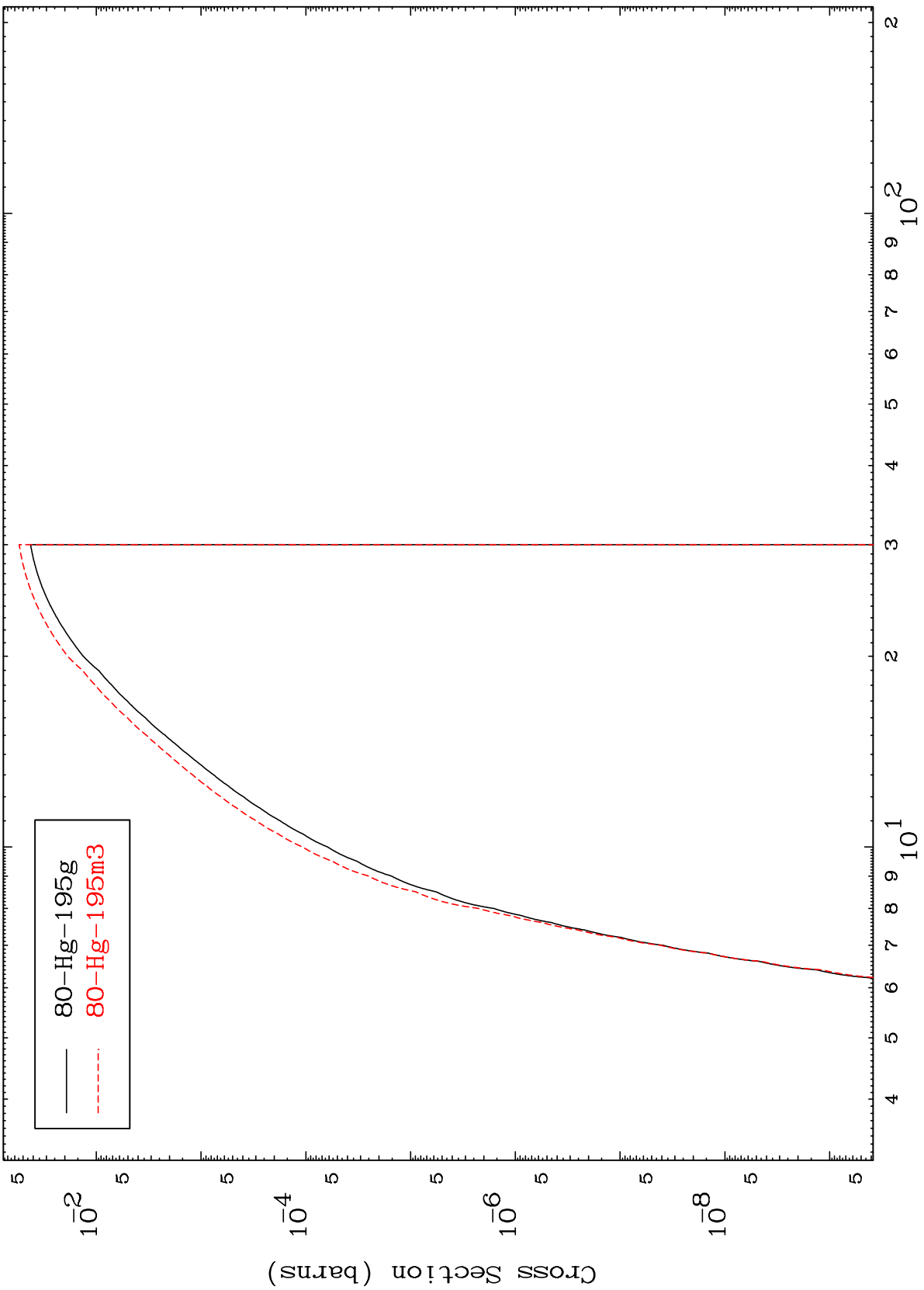


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81-TI-196m

(n,n') p

Radionuclide Production Cross Section



24

Incident Energy (MeV)

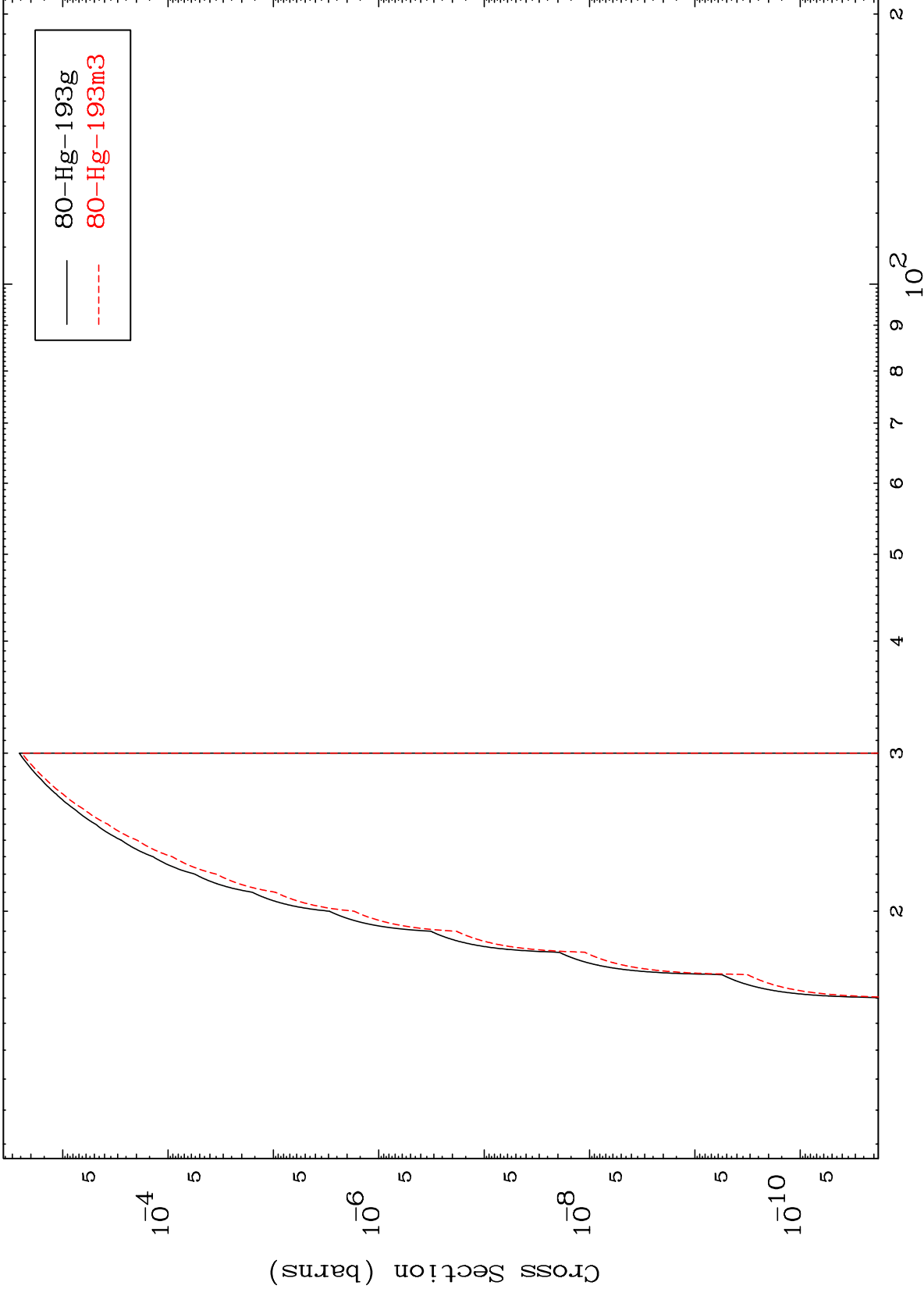
81-TI-196m

MAT 8105

(n,n') t

81-TI-196m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

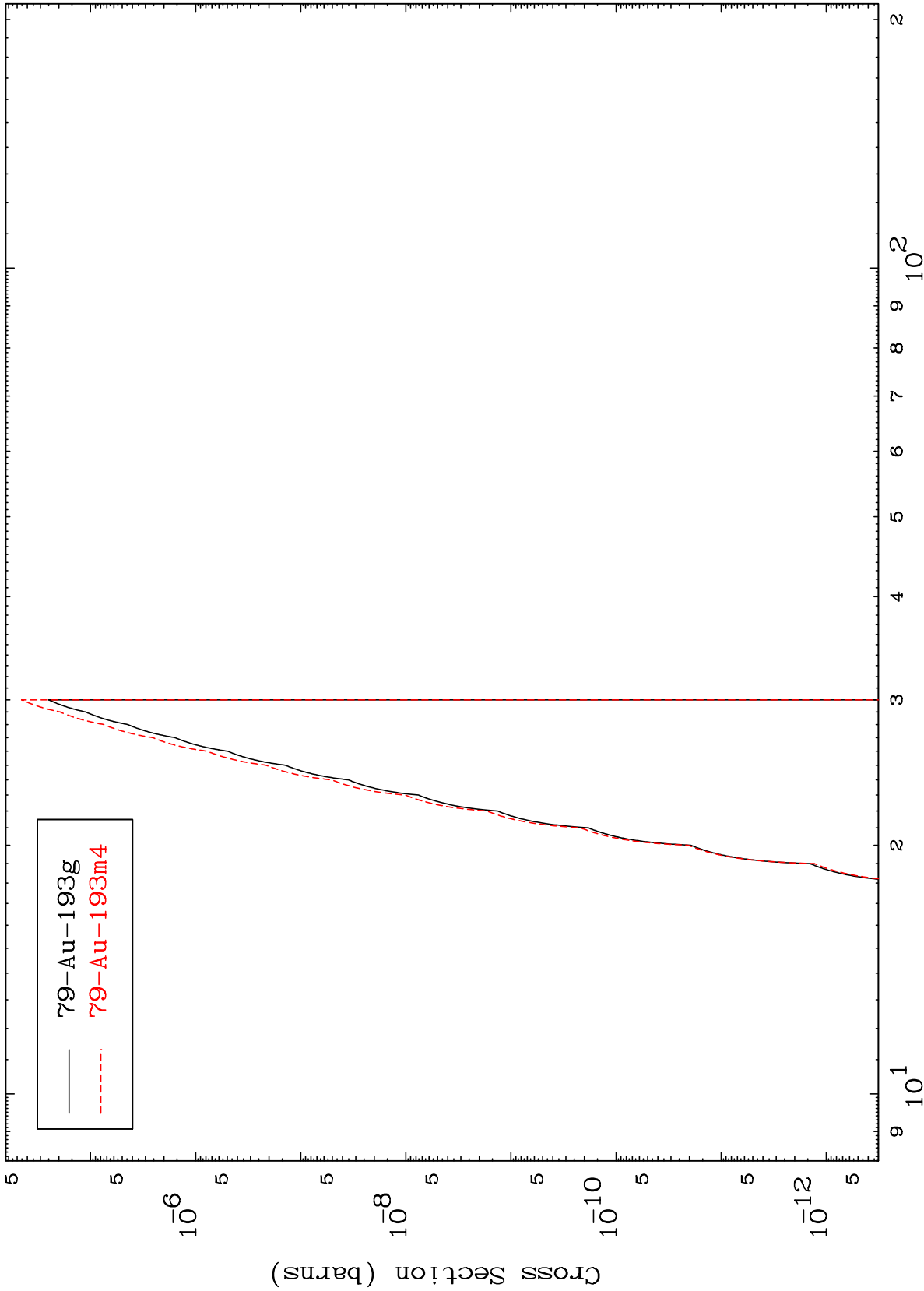
81-TI-196m

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(n,n') He-3

81-TI-196m

Radionuclide Production Cross Section



26

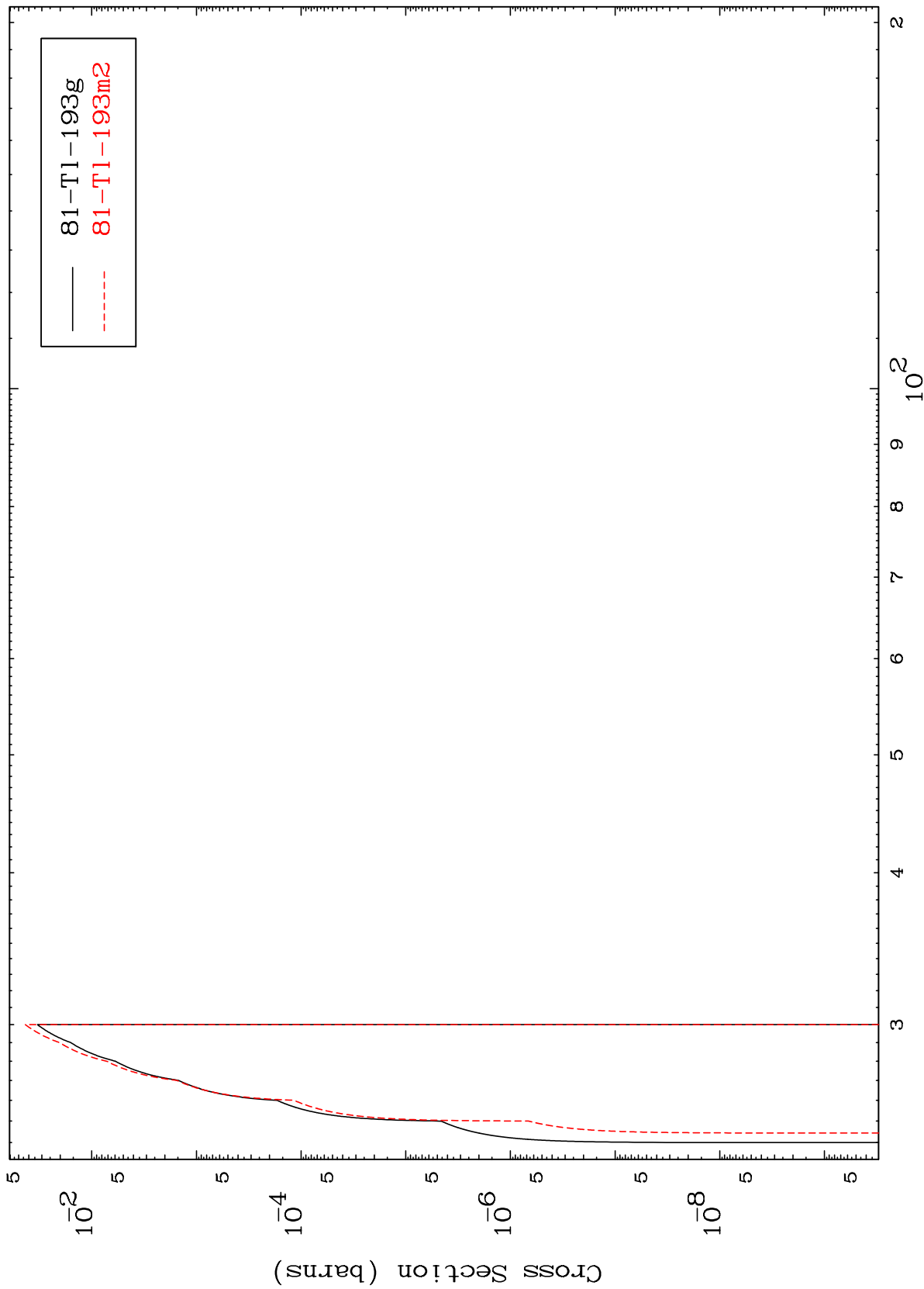
Incident Energy (MeV)

81-TI-196m

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81-Tl-196m

(n,4n)  
Radionuclide Production Cross Section



27

81-Tl-196m

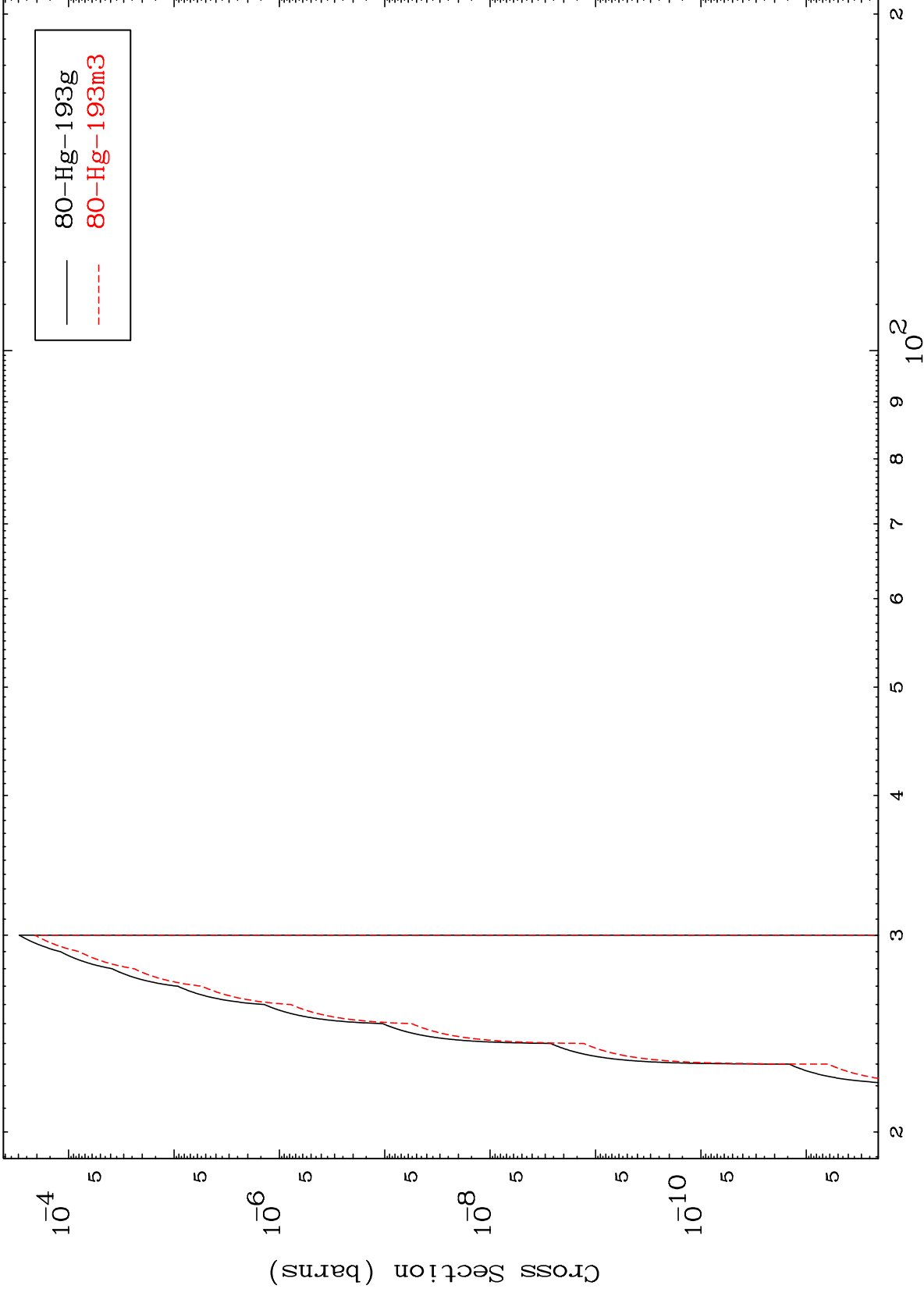
Incident Energy (MeV)

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(n,3n) p

81-Tl-196m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

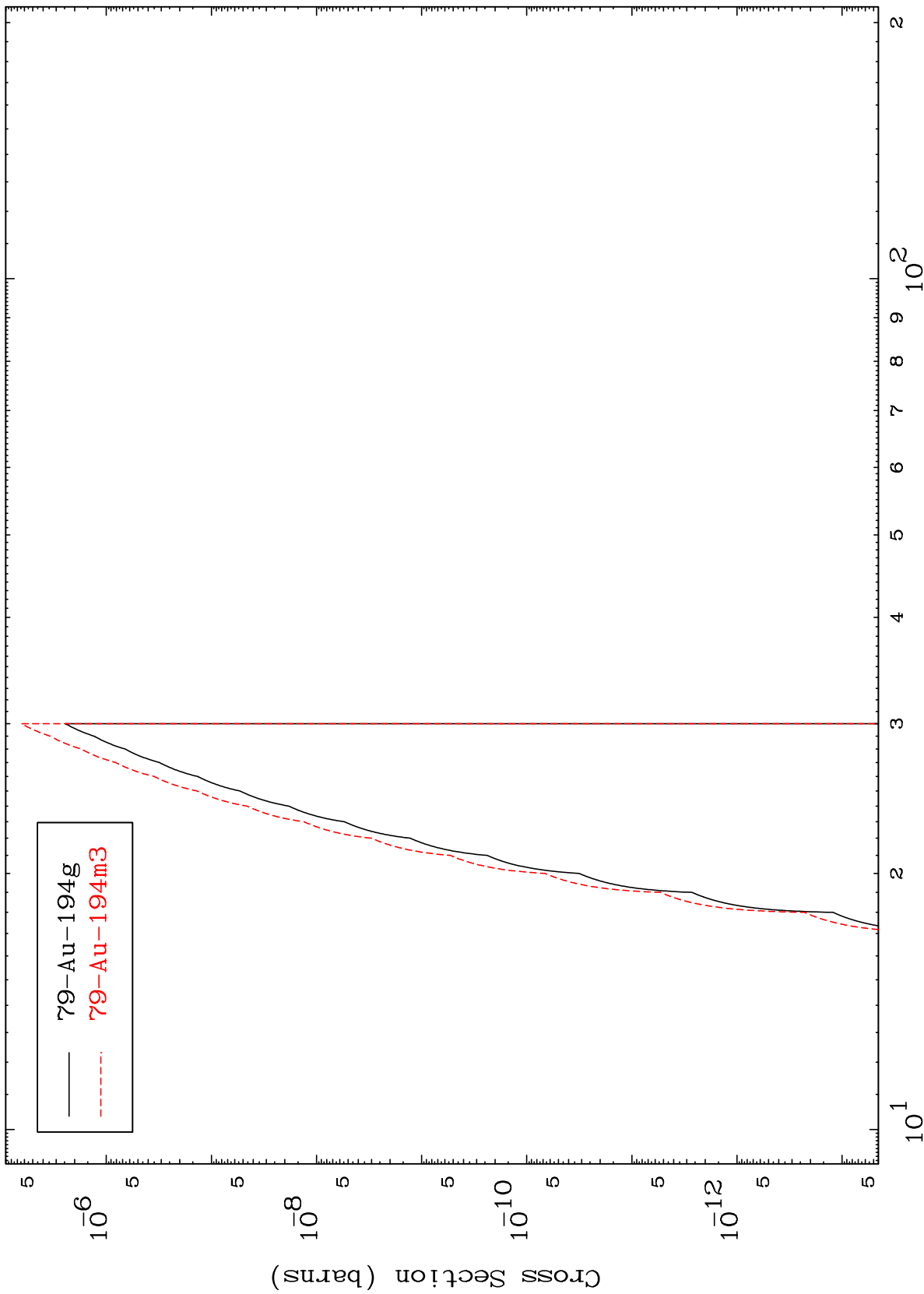
81-Tl-196m

MAT 8105

(n,2n) p

81-Tl-196m

Radionuclide Production Cross Section



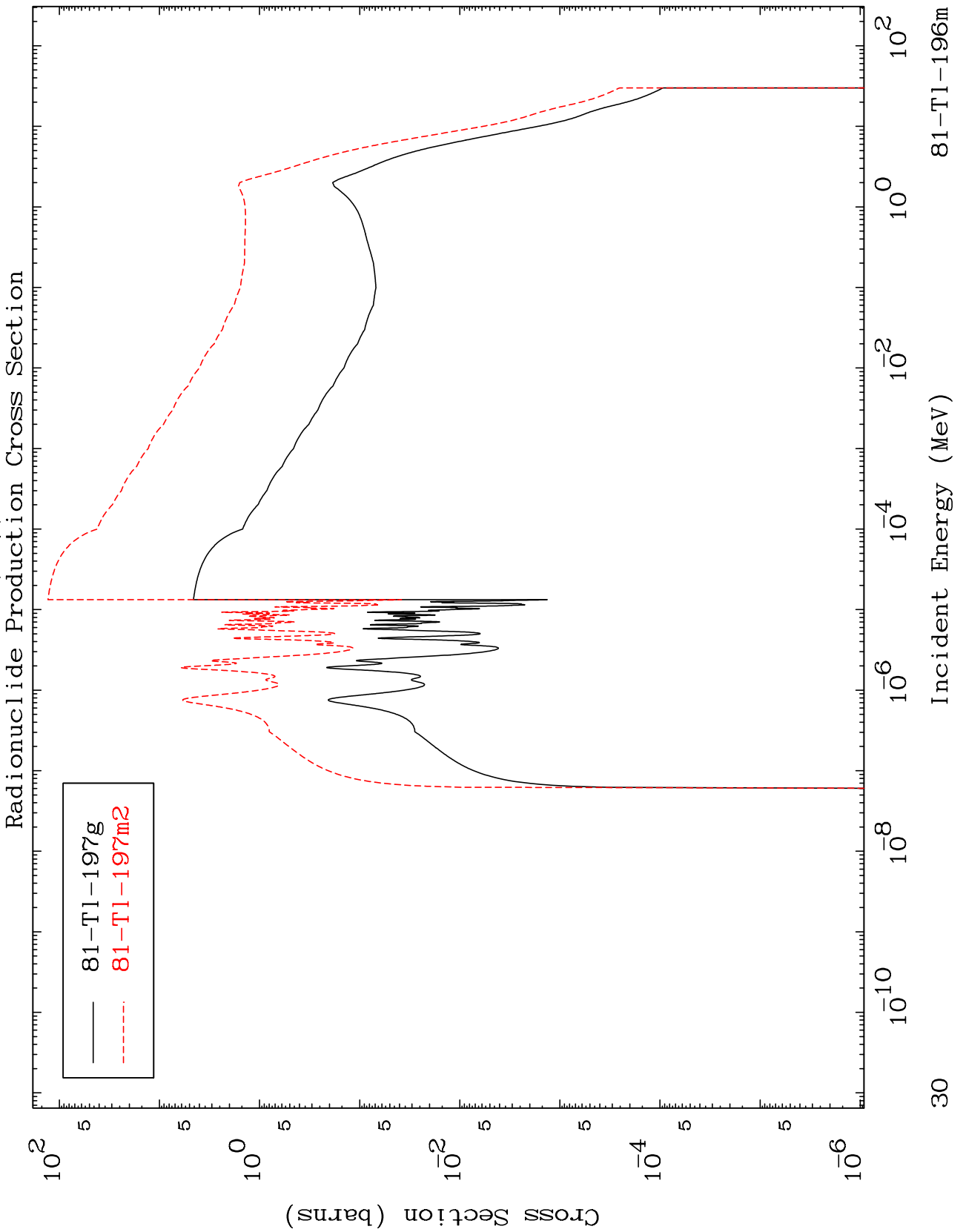
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Incident Energy (MeV)

81-Tl-196m

MAT 8105

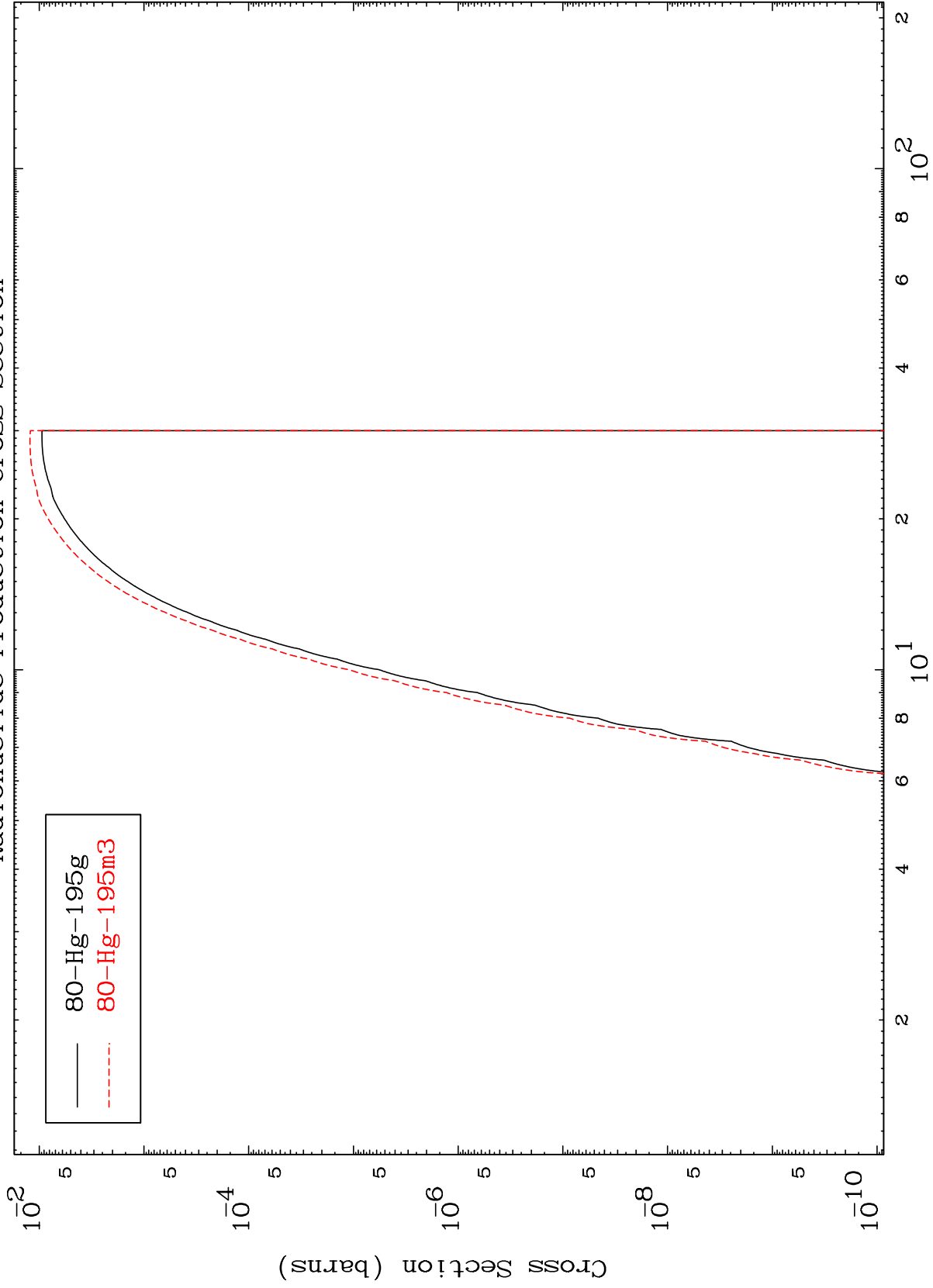
81-Tl-196m



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81-Tl-196m

(n,d)  
Radionuclide Production Cross Section



81-Tl-196m

Incident Energy (MeV)

31

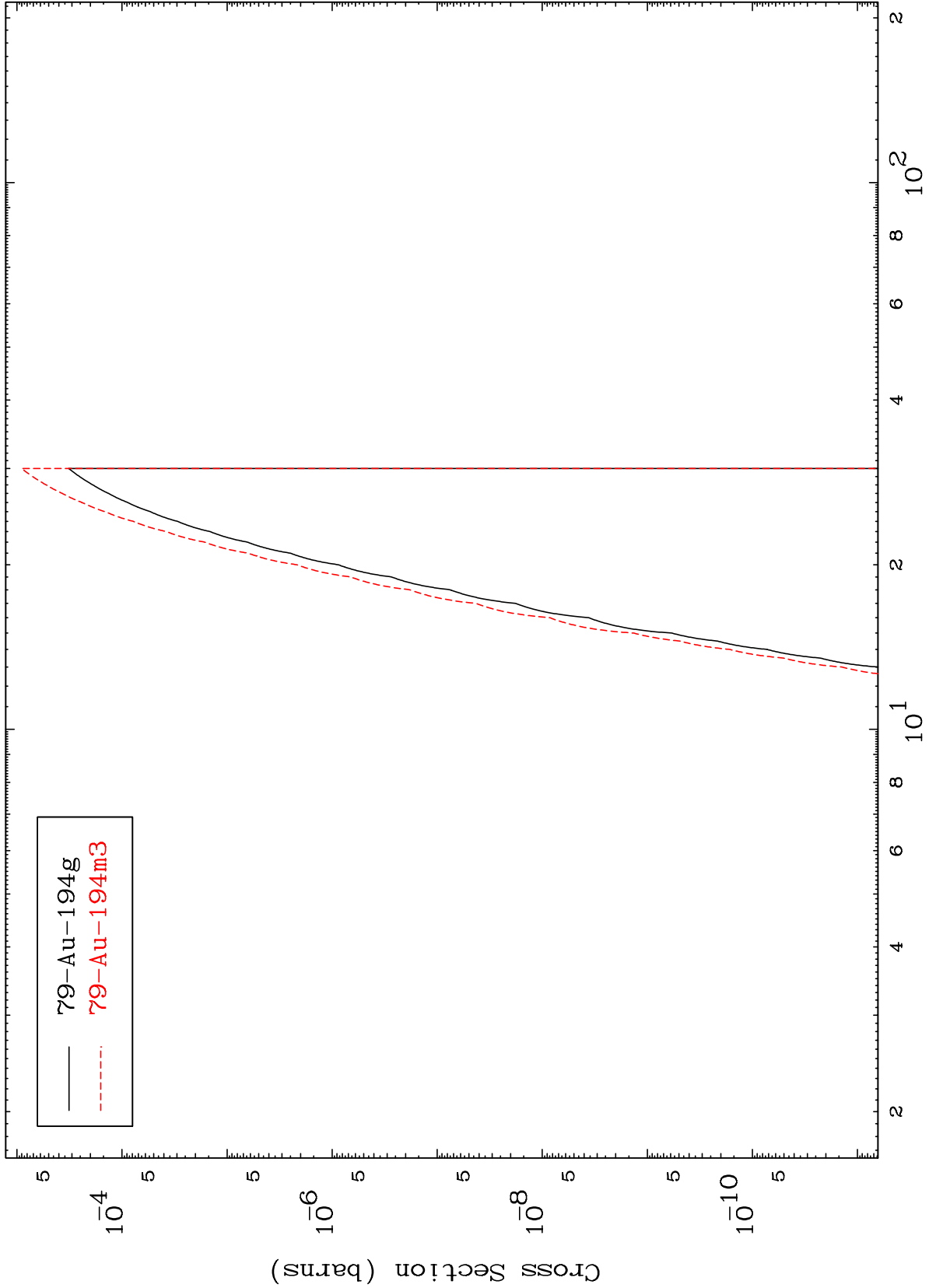


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(n,He-3)

81-TI-196m

Radionuclide Production Cross Section

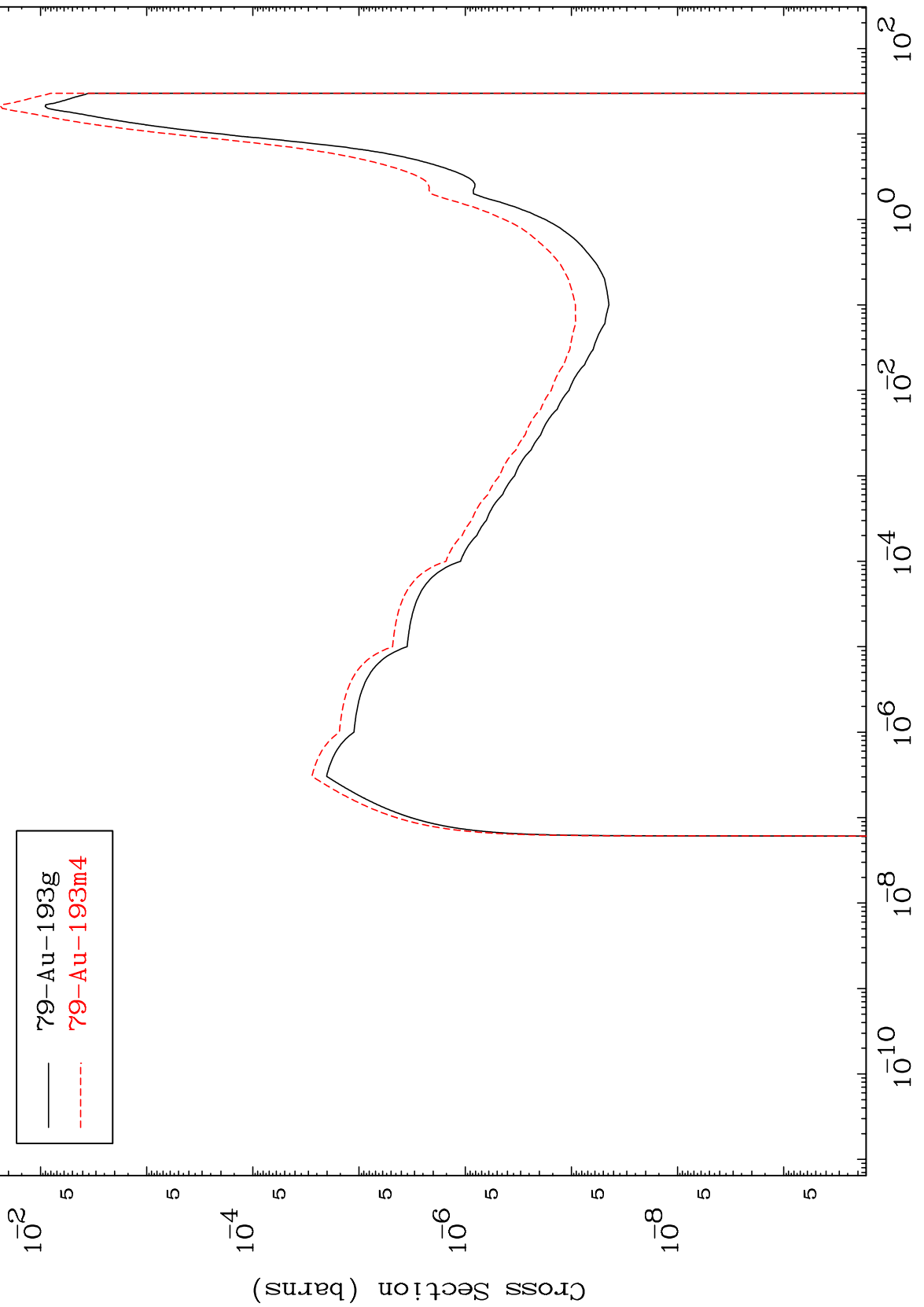


—  $^{79}\text{Au-194g}$   
- - -  $^{79}\text{Au-194m3}$

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81-Tl-196m

Radionuclide Production Cross Section



81-Tl-196m

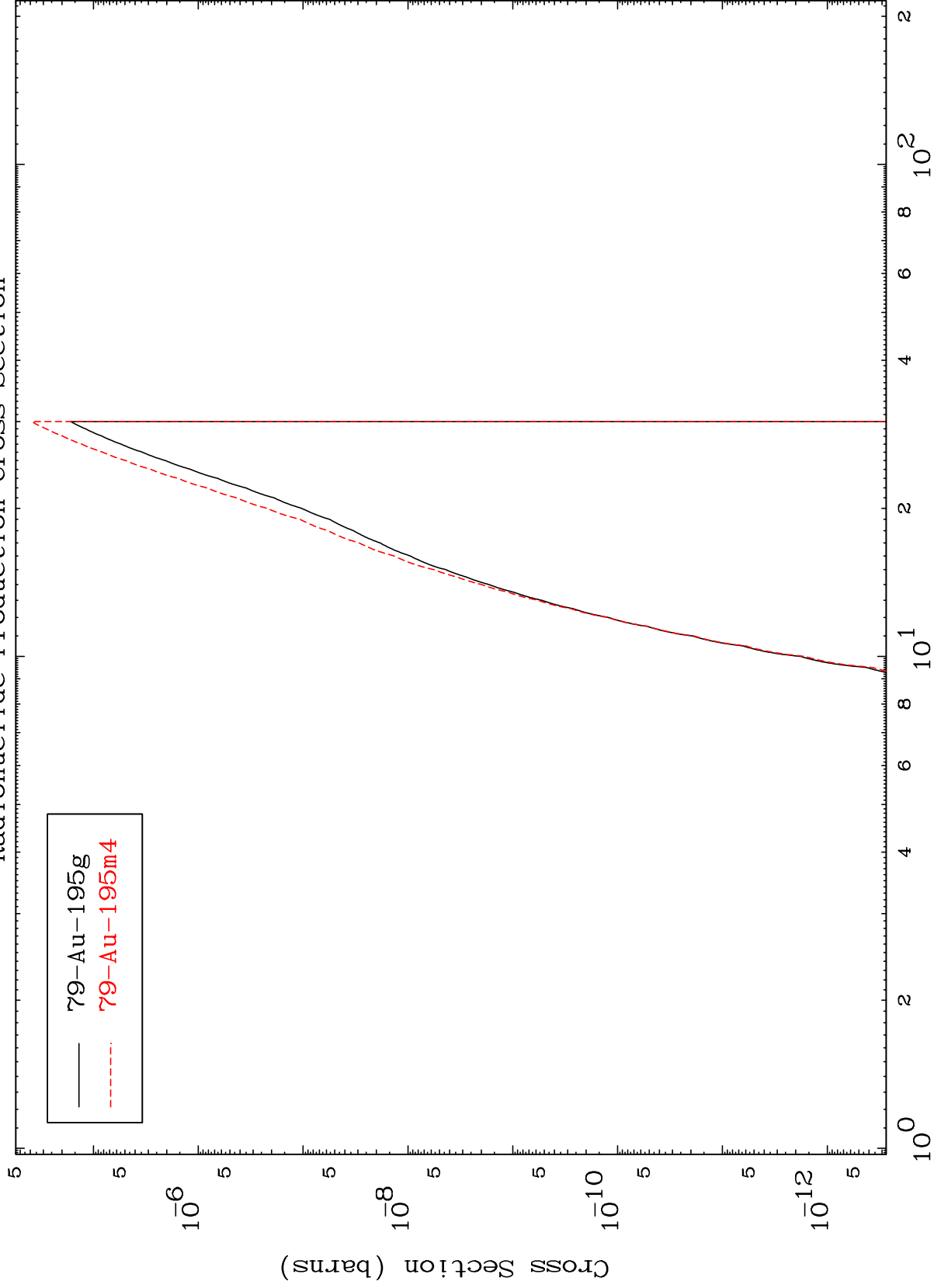
Incident Energy (MeV)

MAT 8105

(n,2p)

81-Tl-196m

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-196m

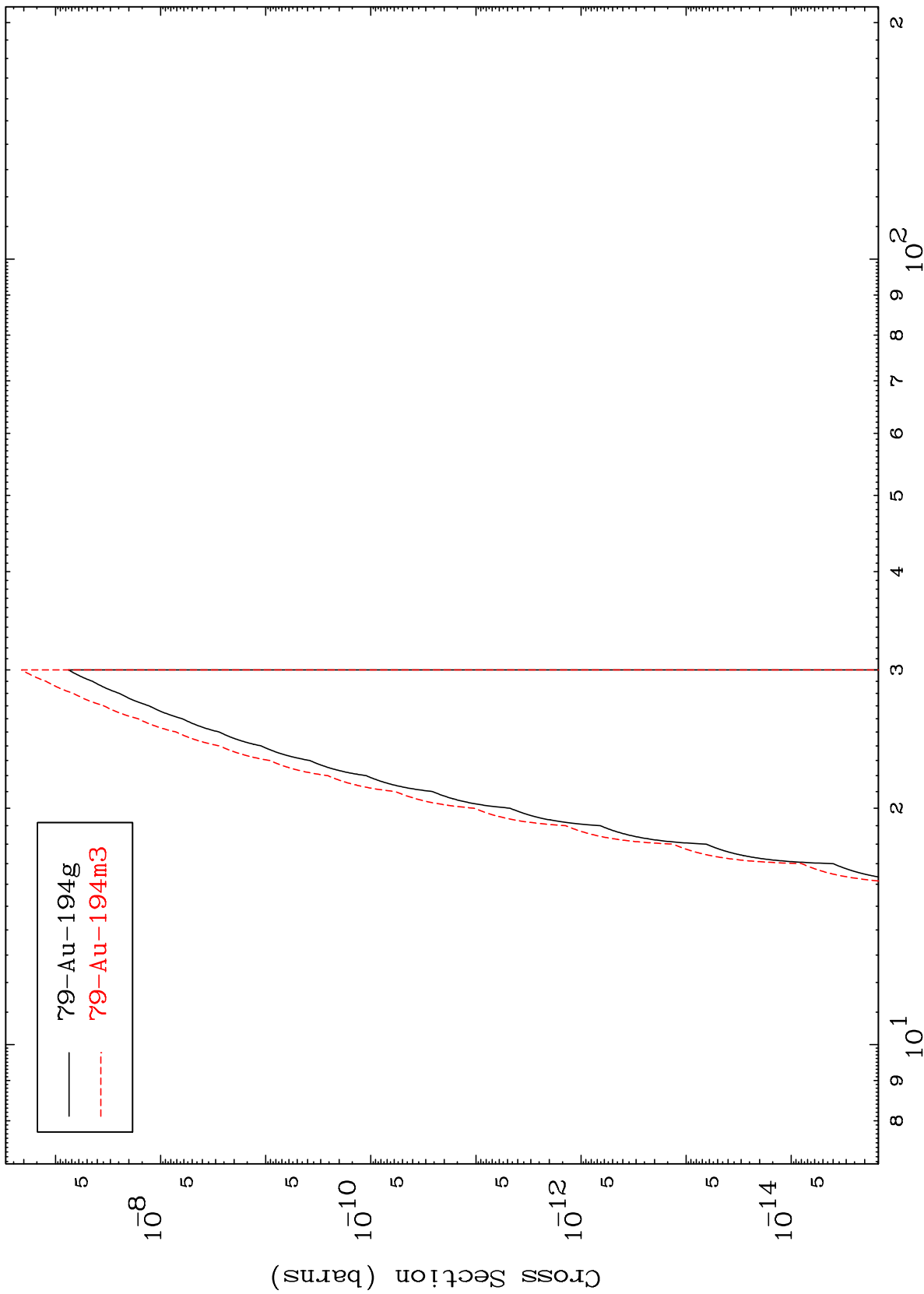
34

MAT 8105

(n,p) d

81-TI-196m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

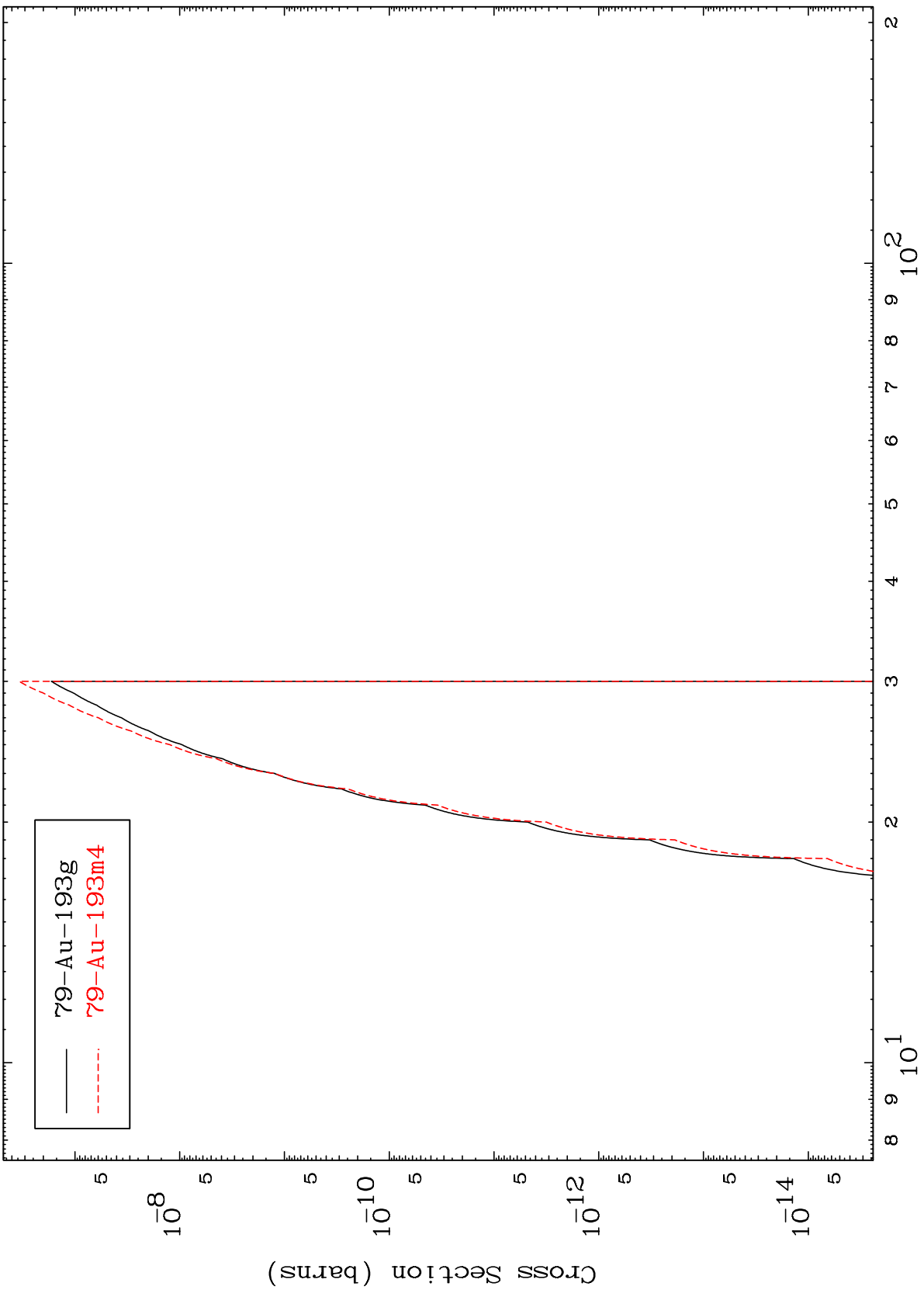
81-TI-196m

MAT 8105

(n,p) t

81-Tl-196m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

81-Tl-196m