

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

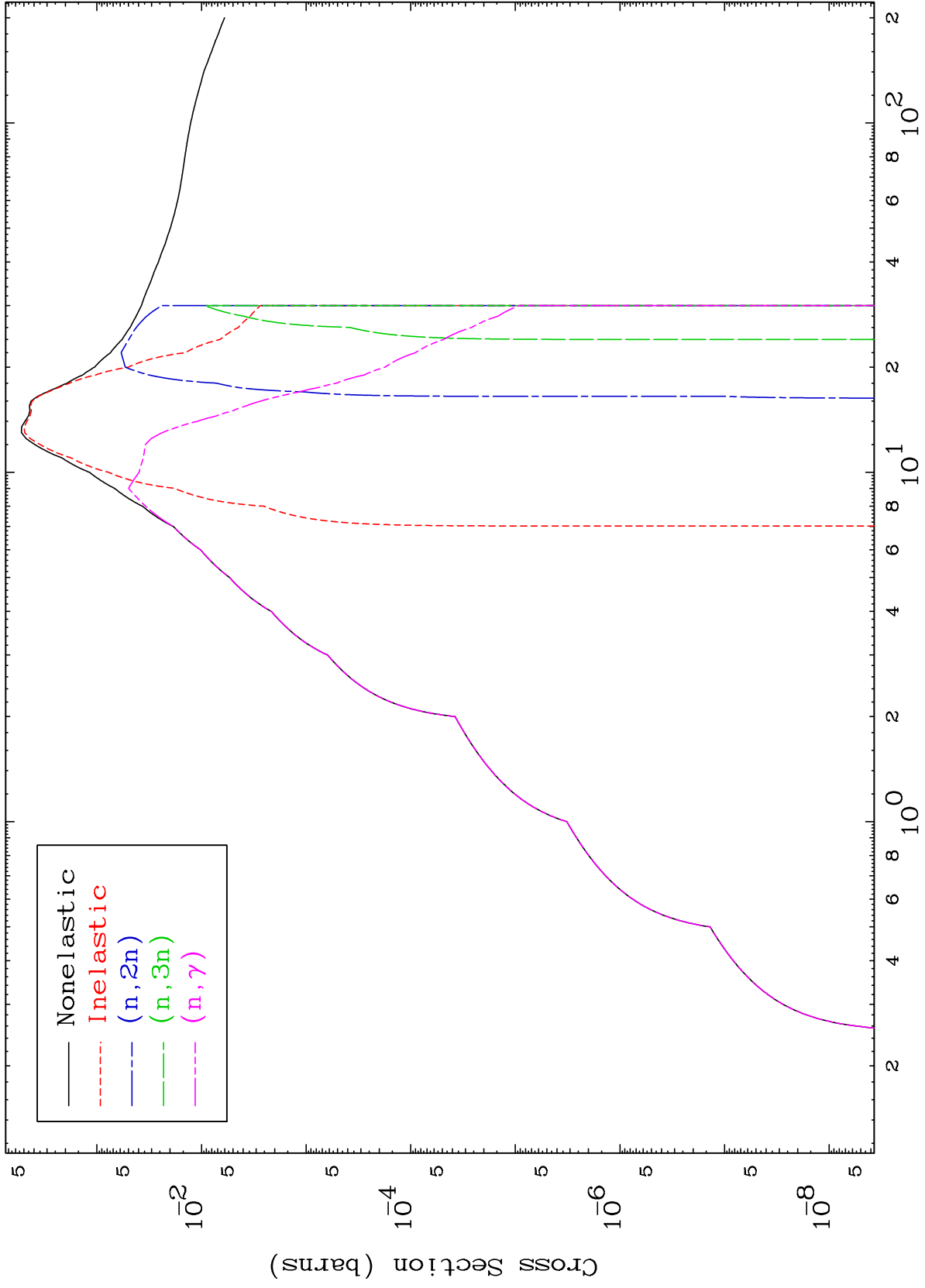
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

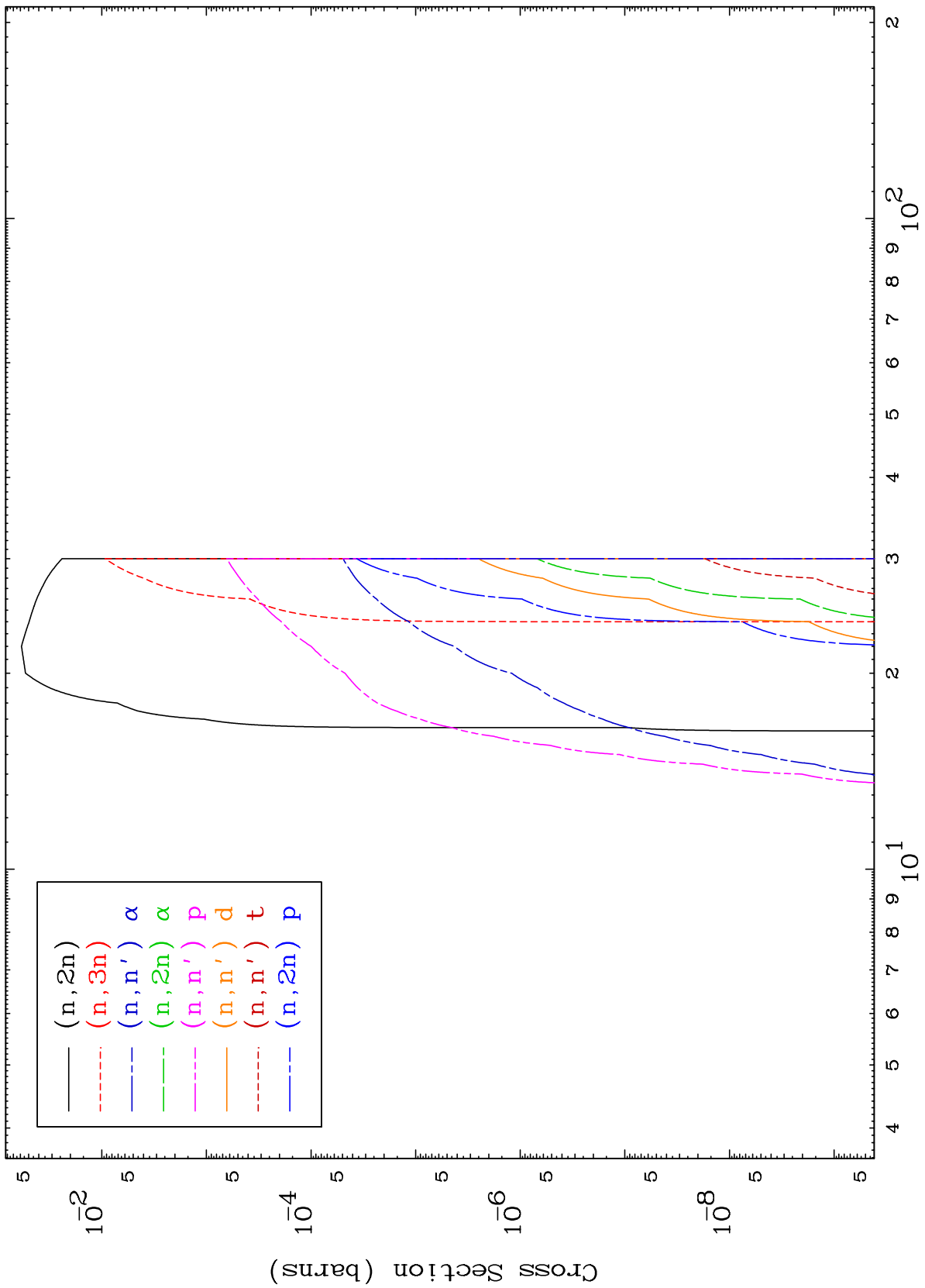
Tele: 925-443-1911

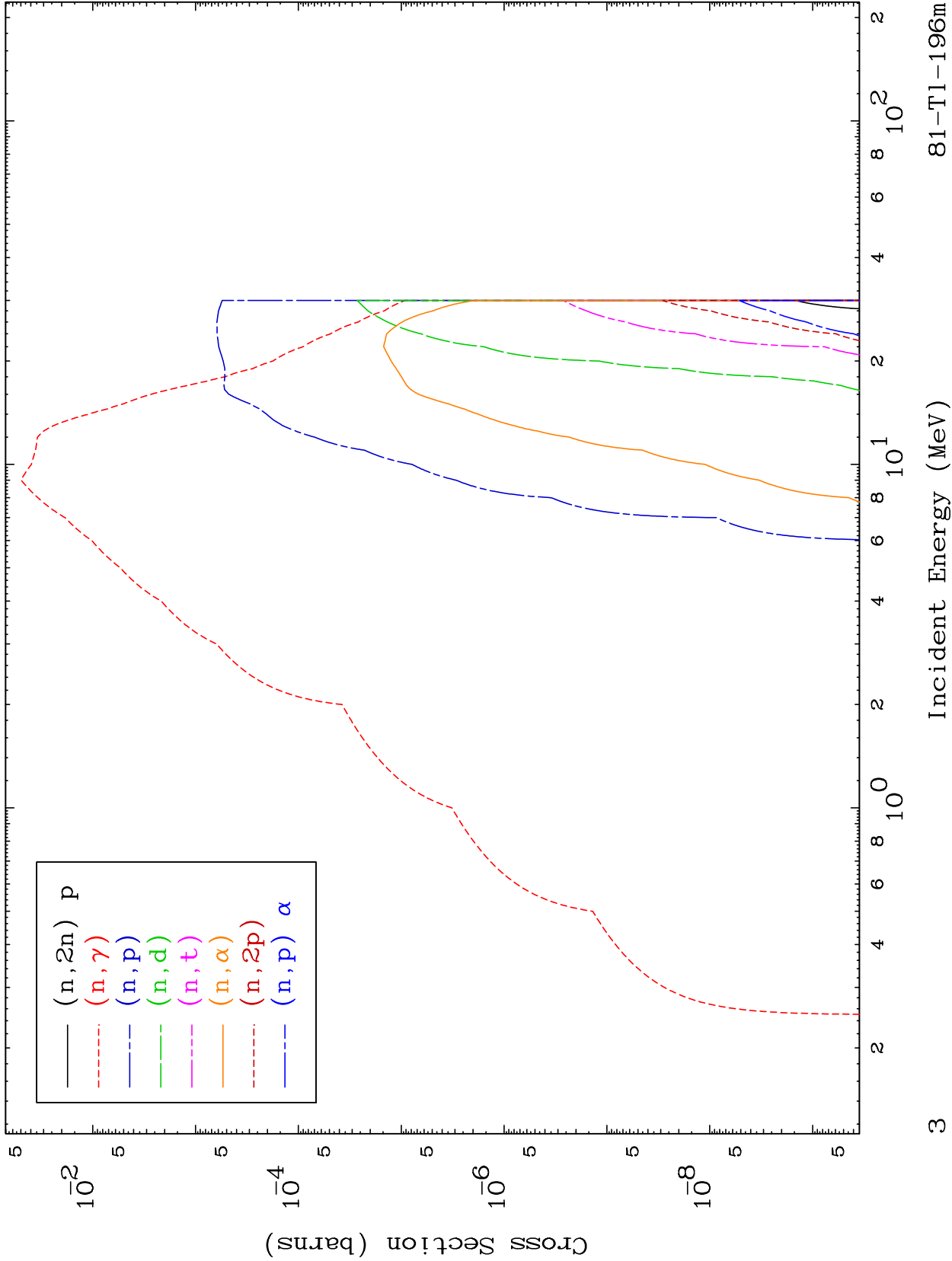
E.Mail:redcullen1@comcast.net

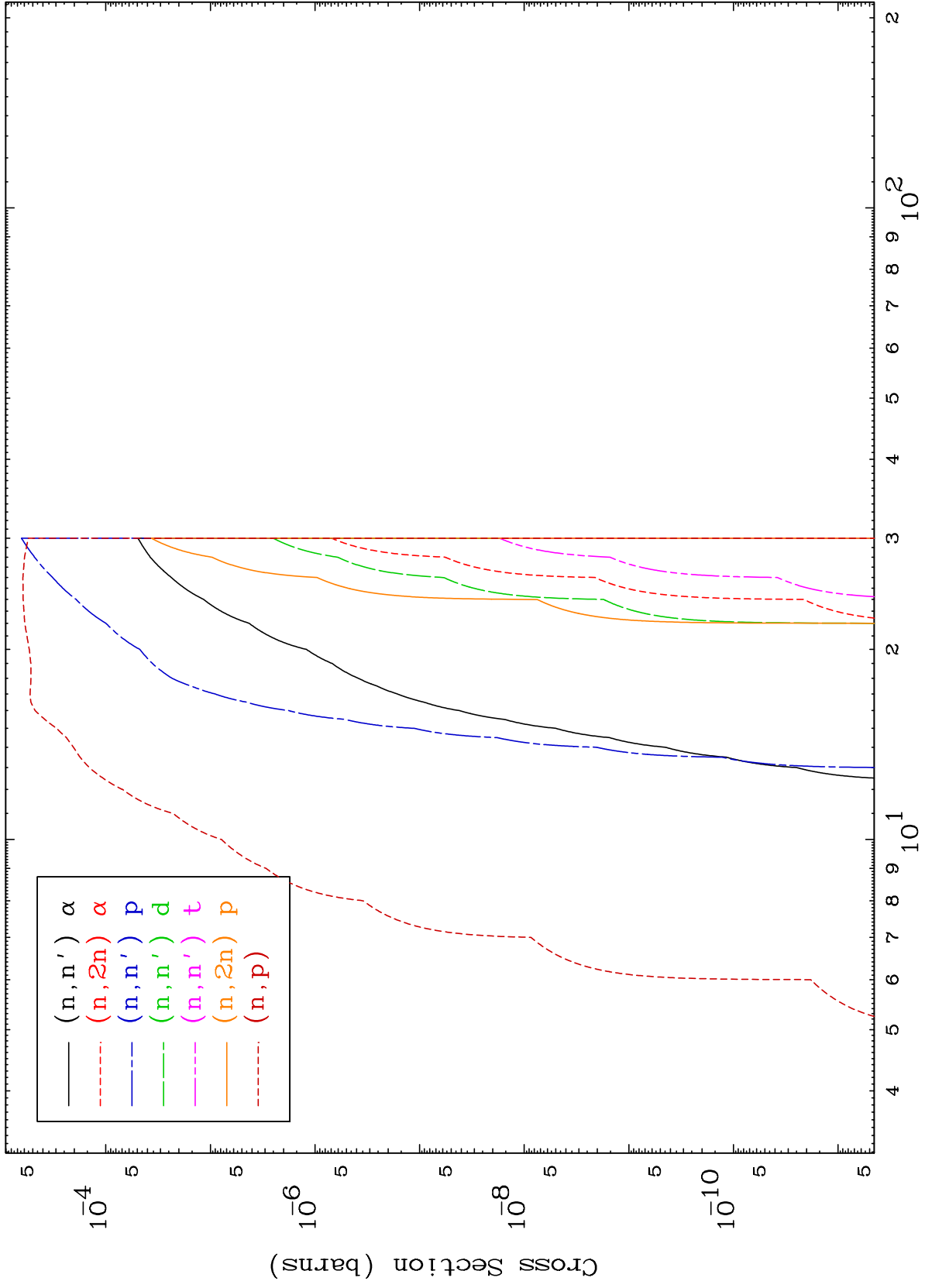
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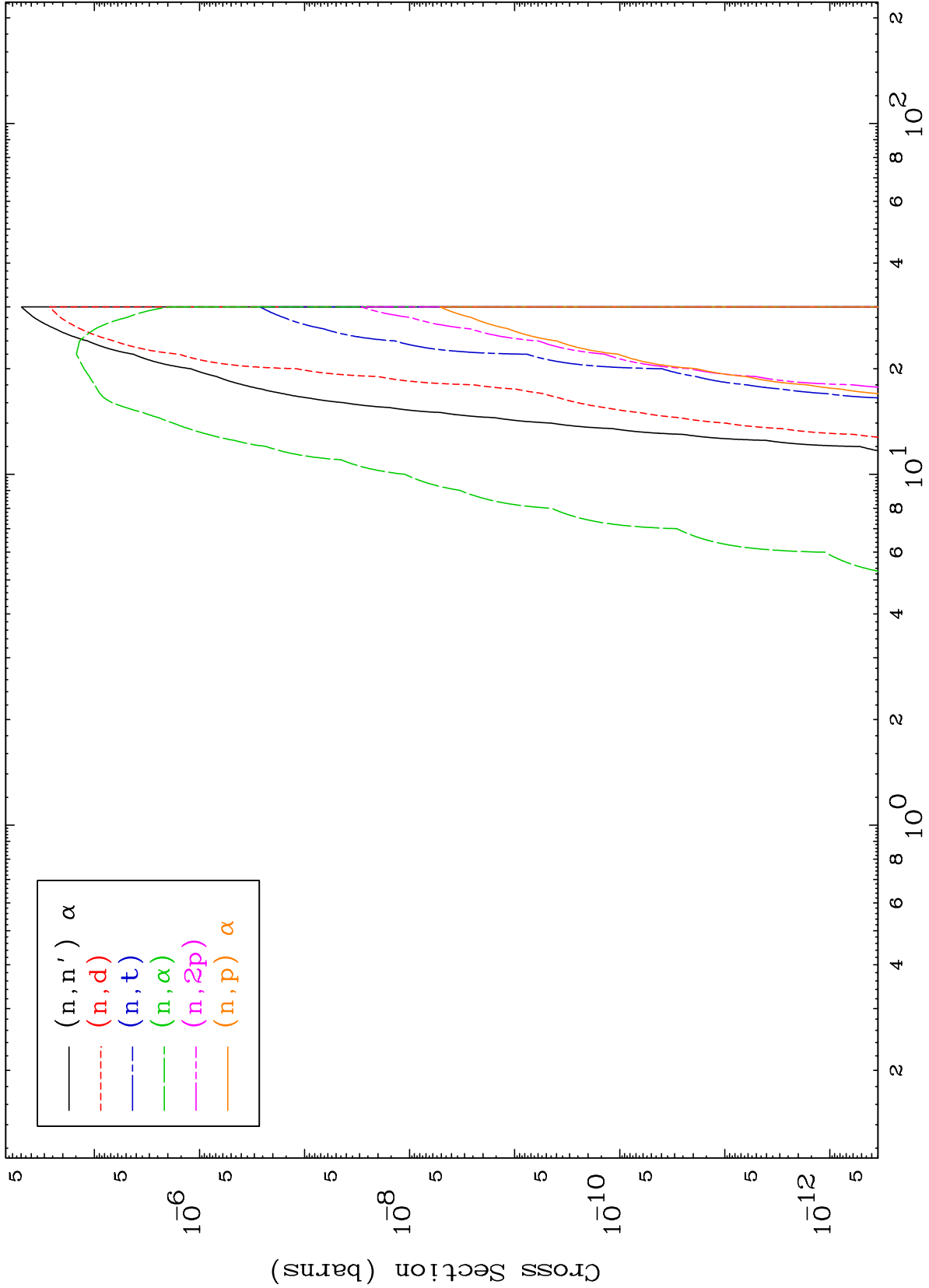
Press Mouse Button to Start







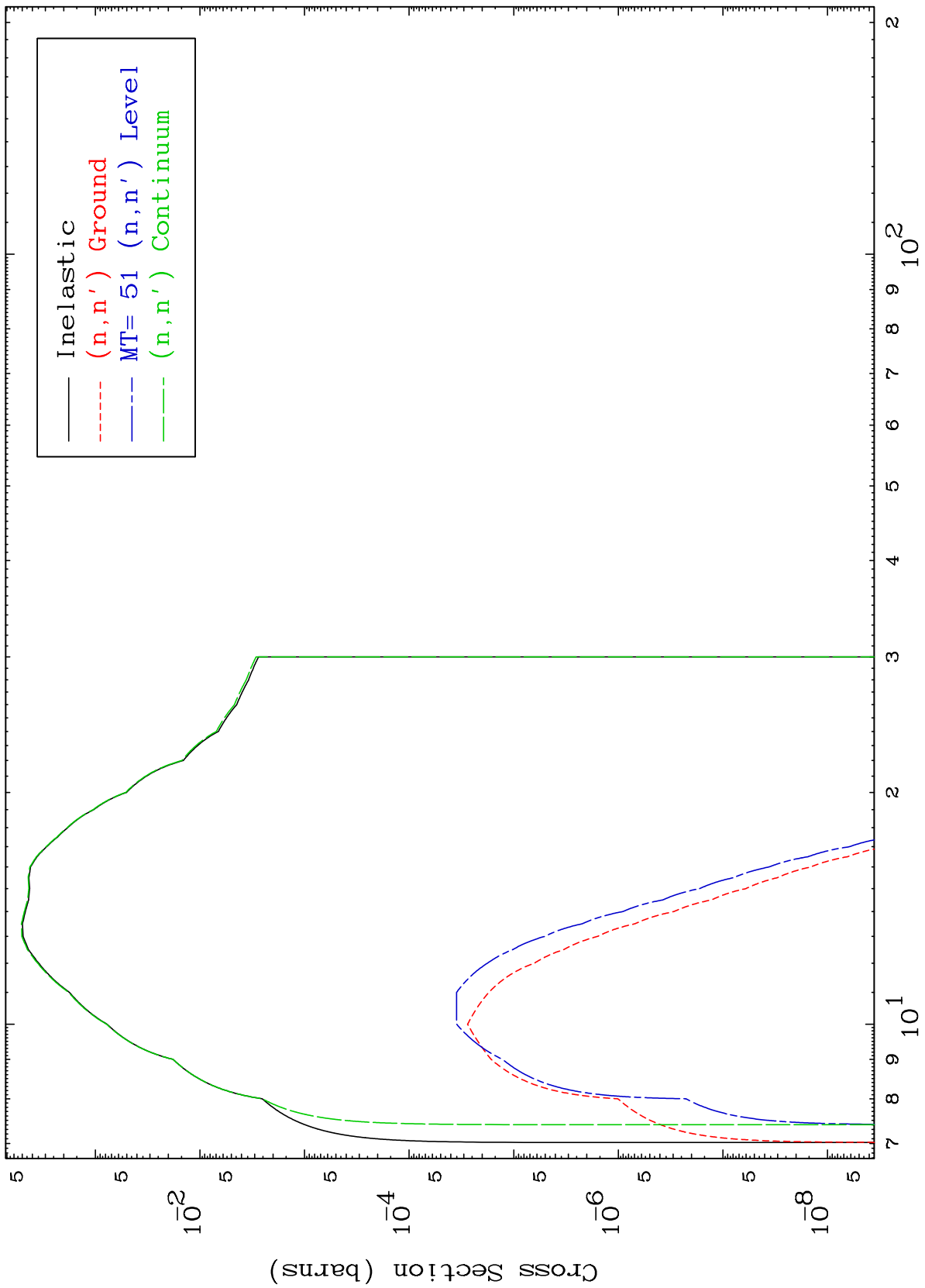




MAT 8105

81-Tl-196m

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



81-Tl-196m

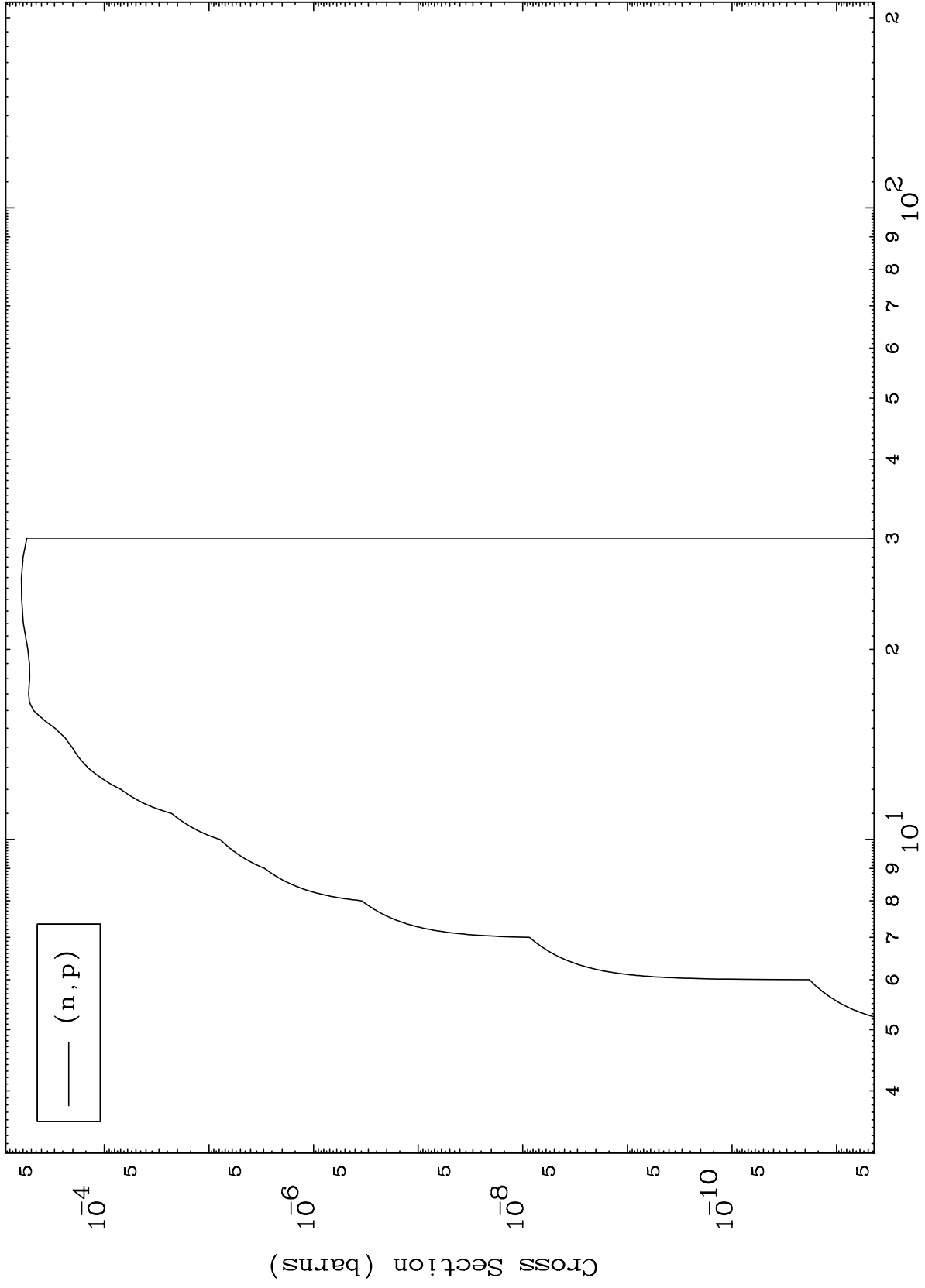
Incident Energy (MeV)

6

MAT 8105

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

81-TI-196m

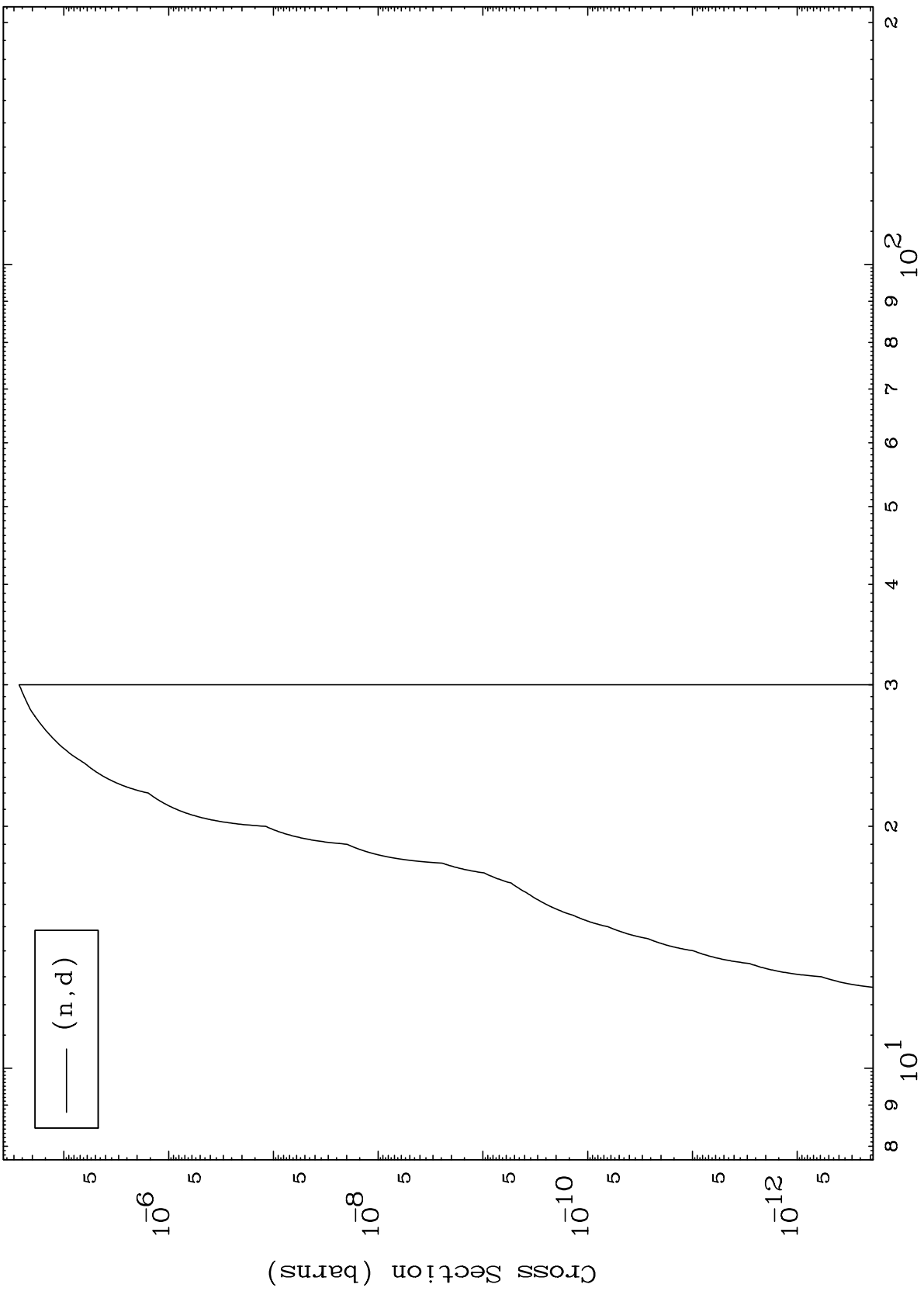


MAT 8105

( $\gamma, d$ ) Levels

81-TI-196m

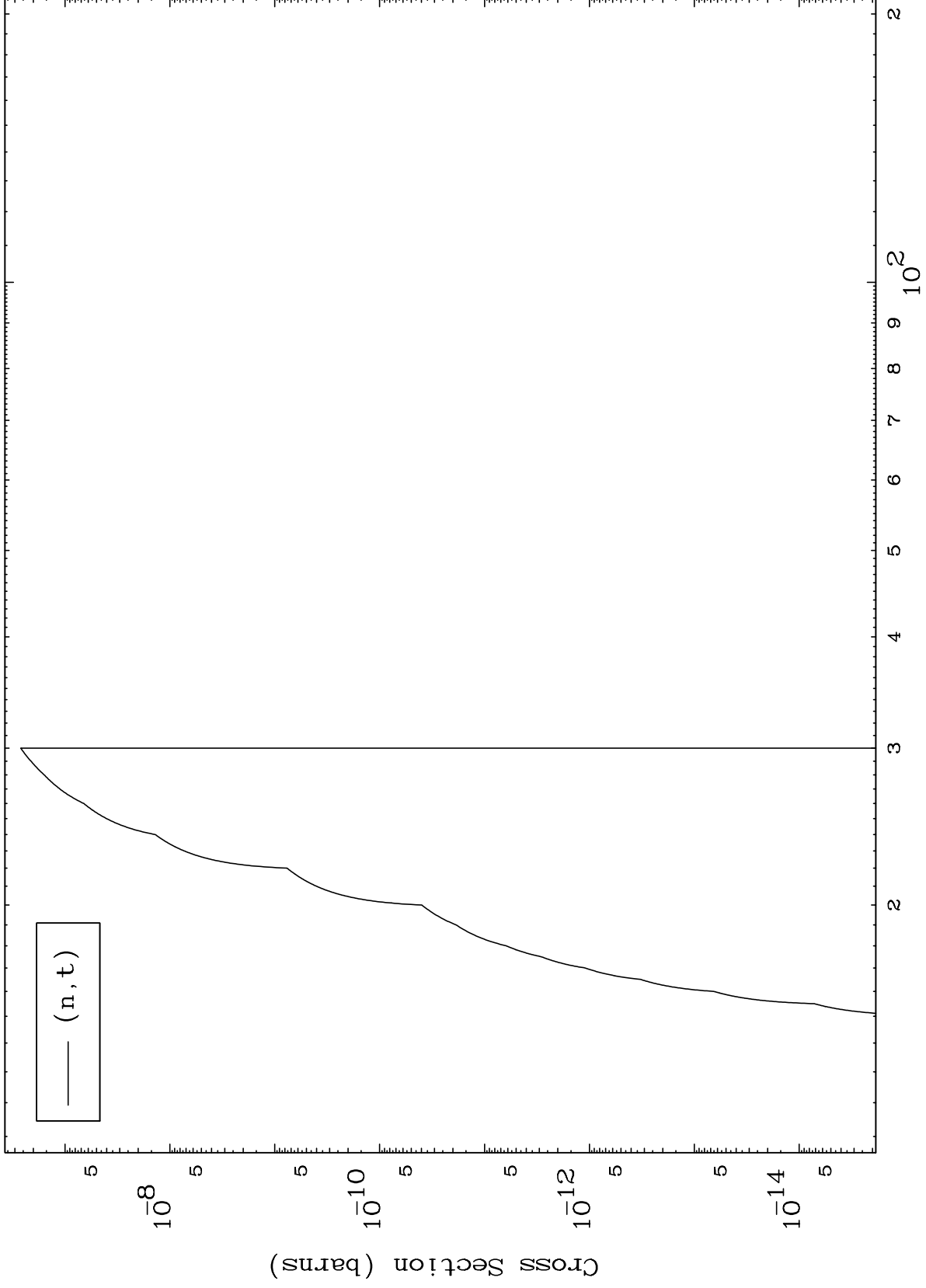
0 Kelvin Cross Sections



8

Incident Energy (MeV)

81-TI-196m

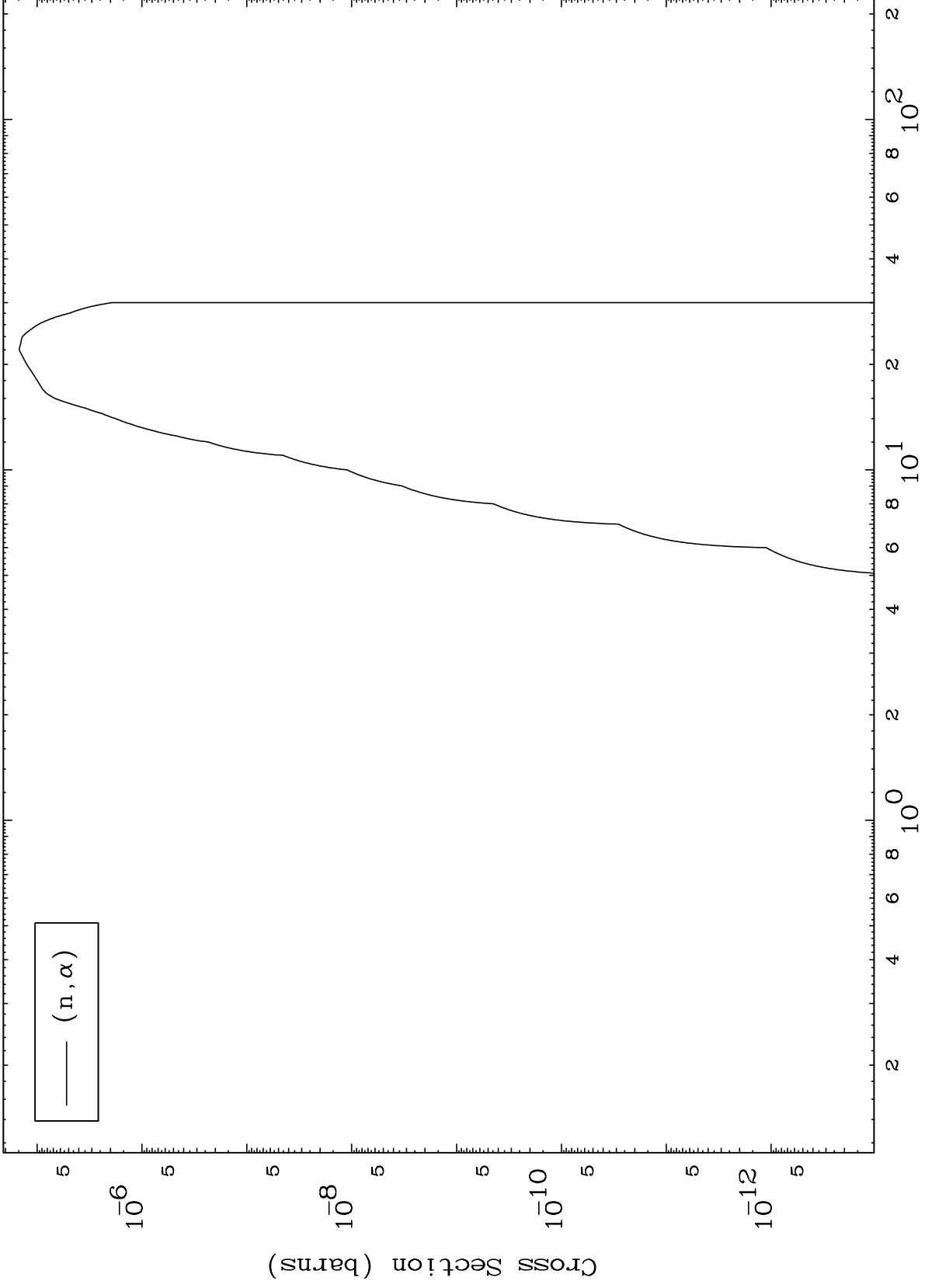


MAT 8105

( $\gamma, \alpha$ ) Levels

81-Tl-196m

0 Kelvin Cross Sections



10

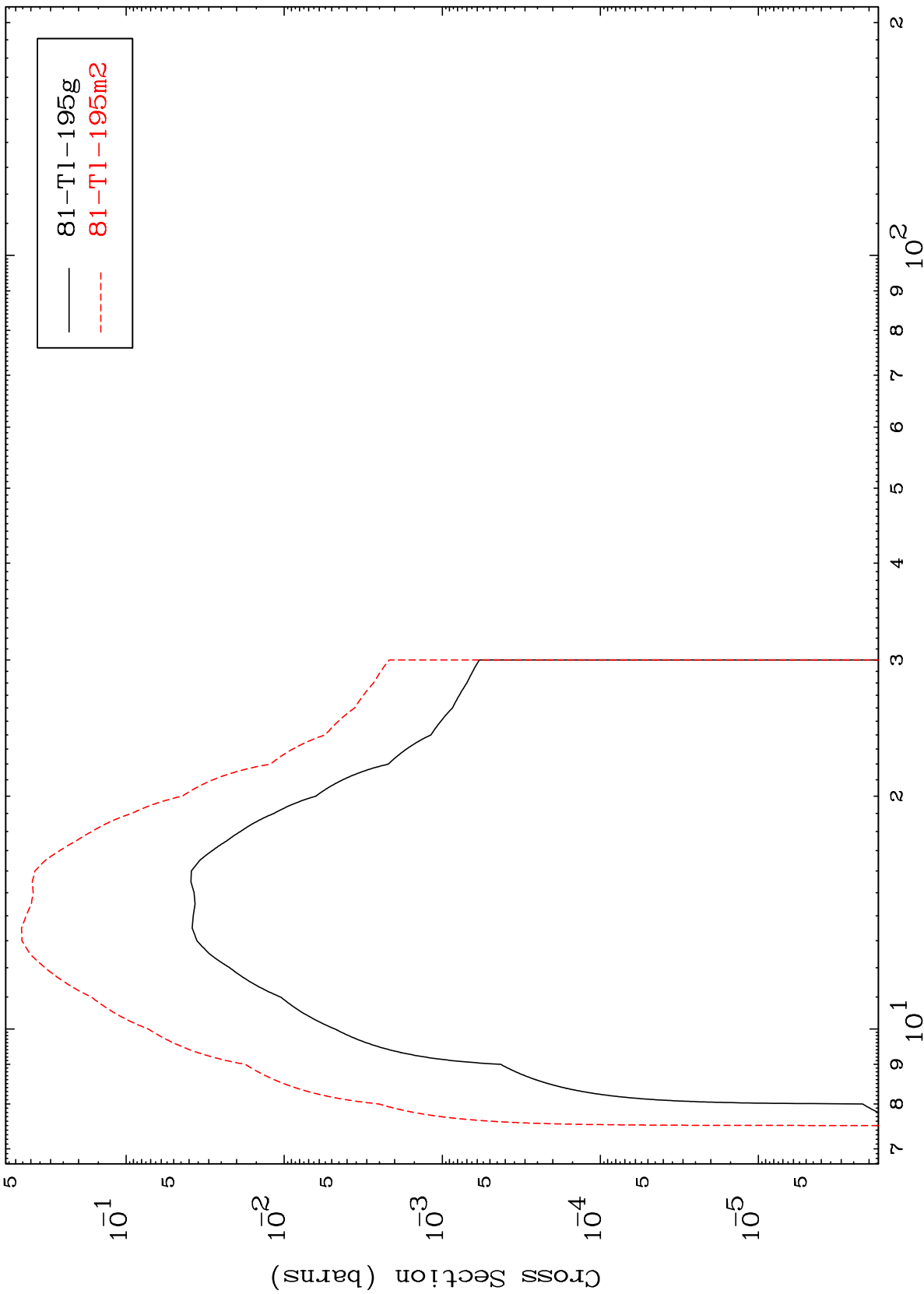
Incident Energy (MeV)

81-Tl-196m

MAT 8105

81-Tl-196m

Inelastic  
Radionuclide Production Cross Section



81-Tl-196m

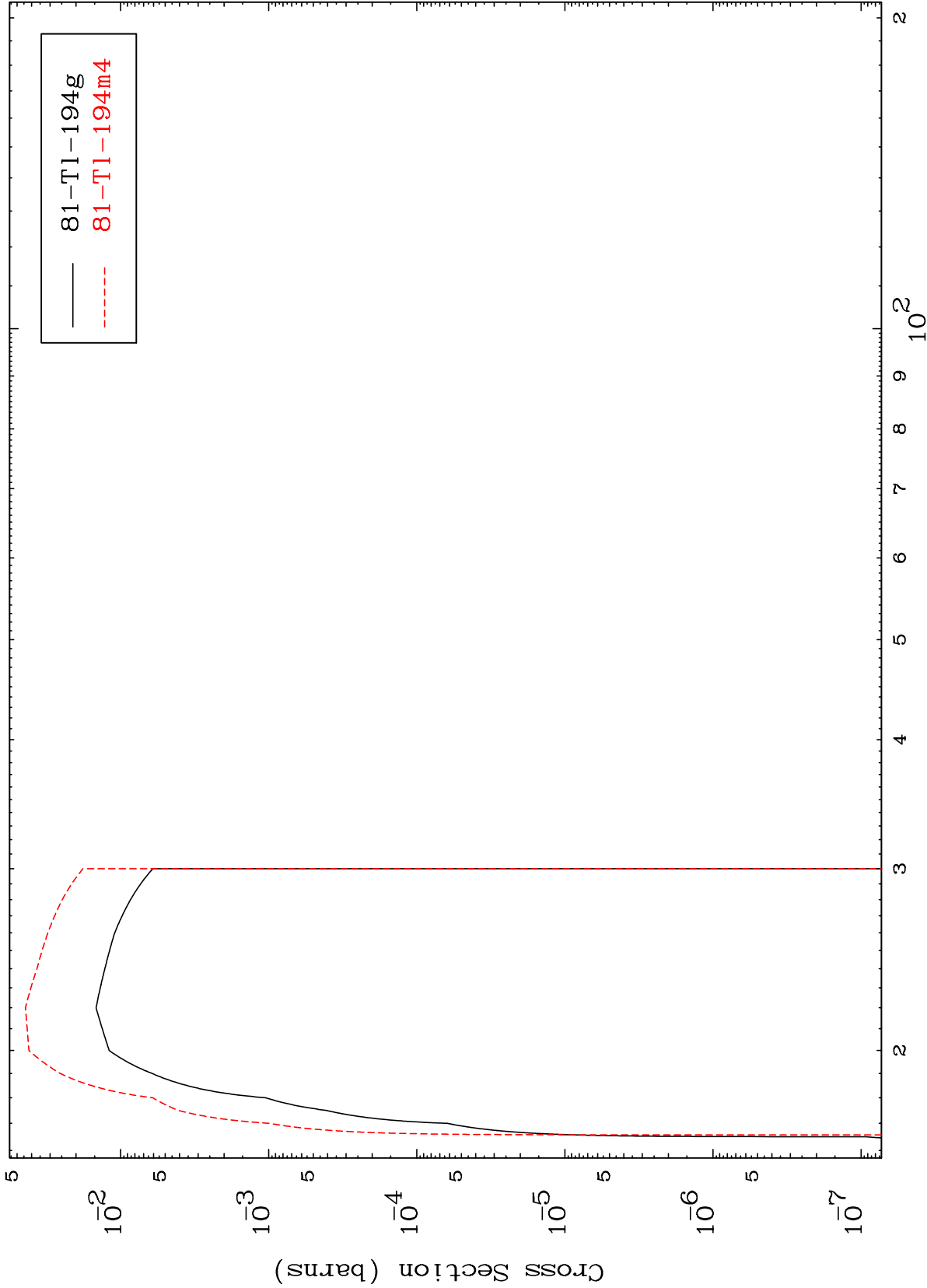
Incident Energy (MeV)

11

MAT 8105

81-Tl-196m

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

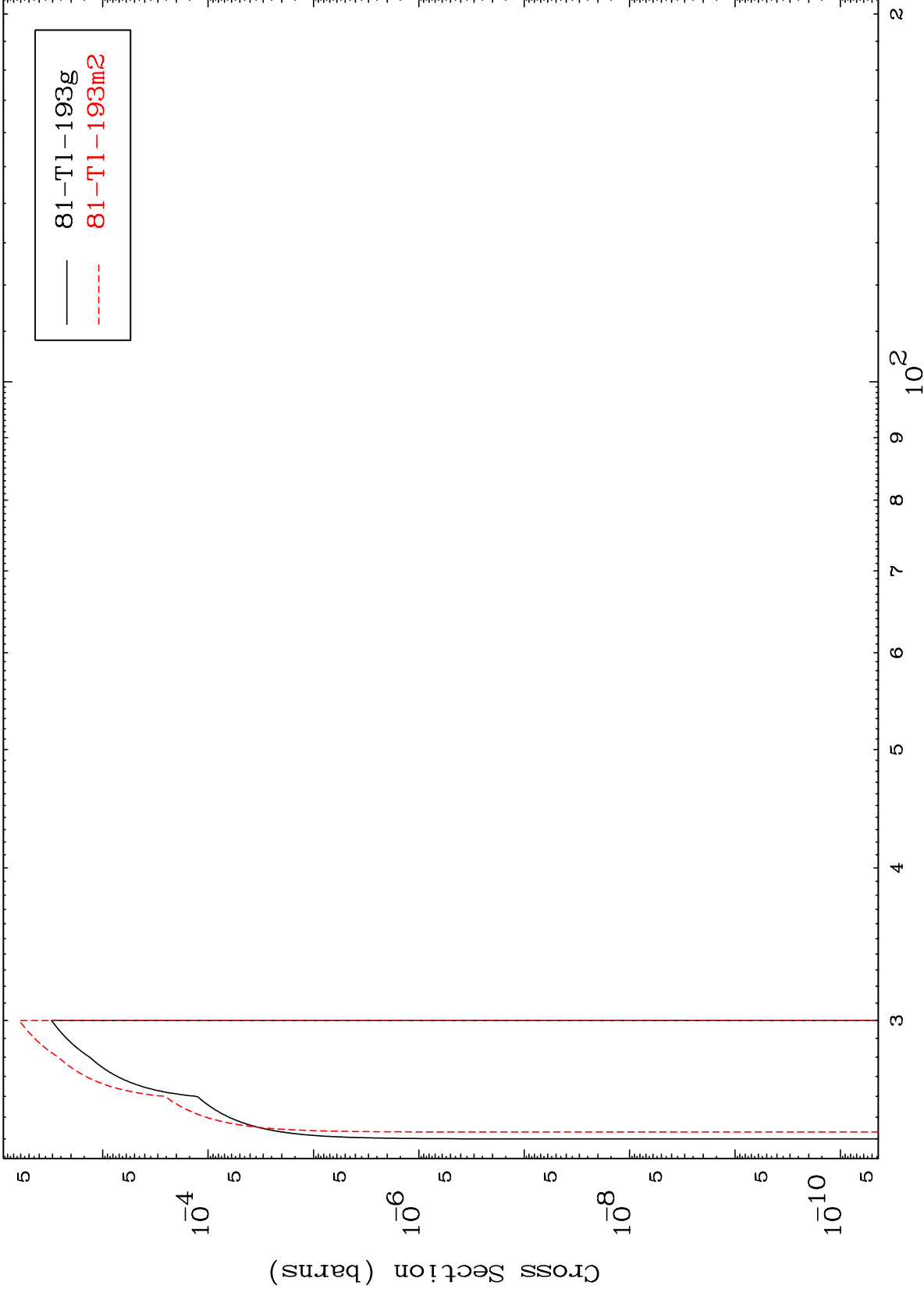
81-Tl-196m

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(n,3n)

81-Tl-196m

Radionuclide Production Cross Section

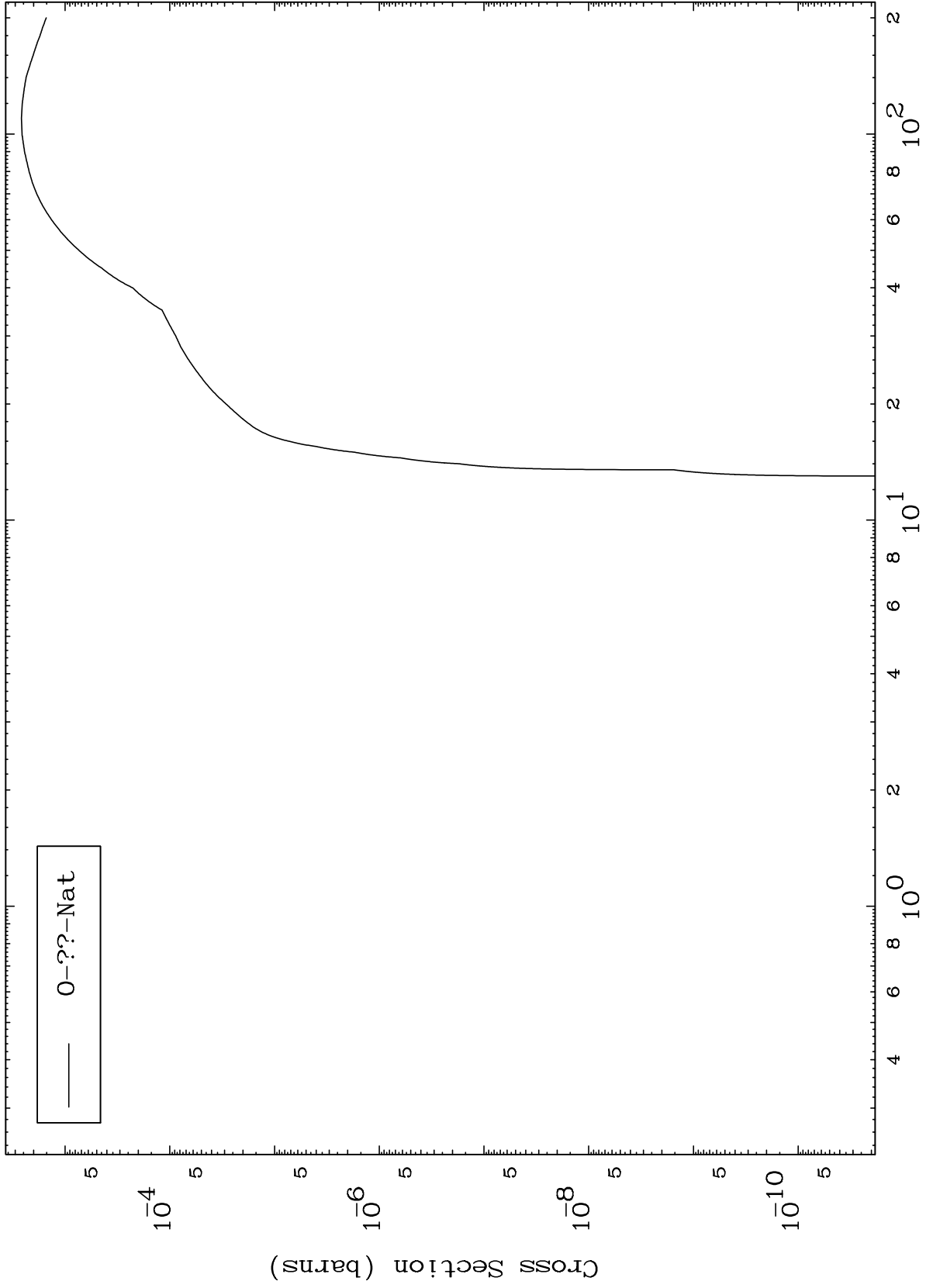


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Fission

81-Tl-196m

Radionuclide Production Cross Section

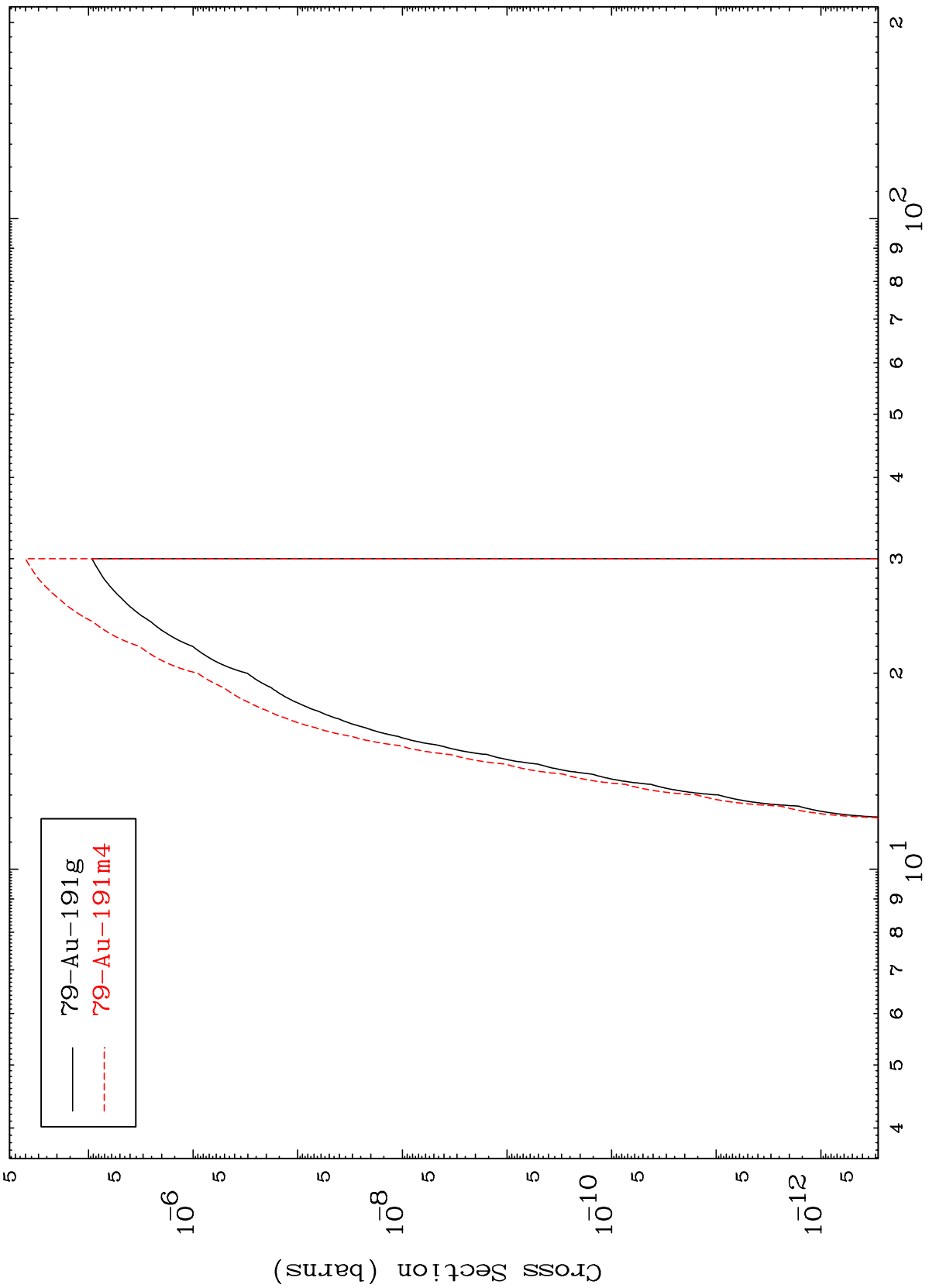


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(n,n')  $\alpha$

81-TI-196m

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

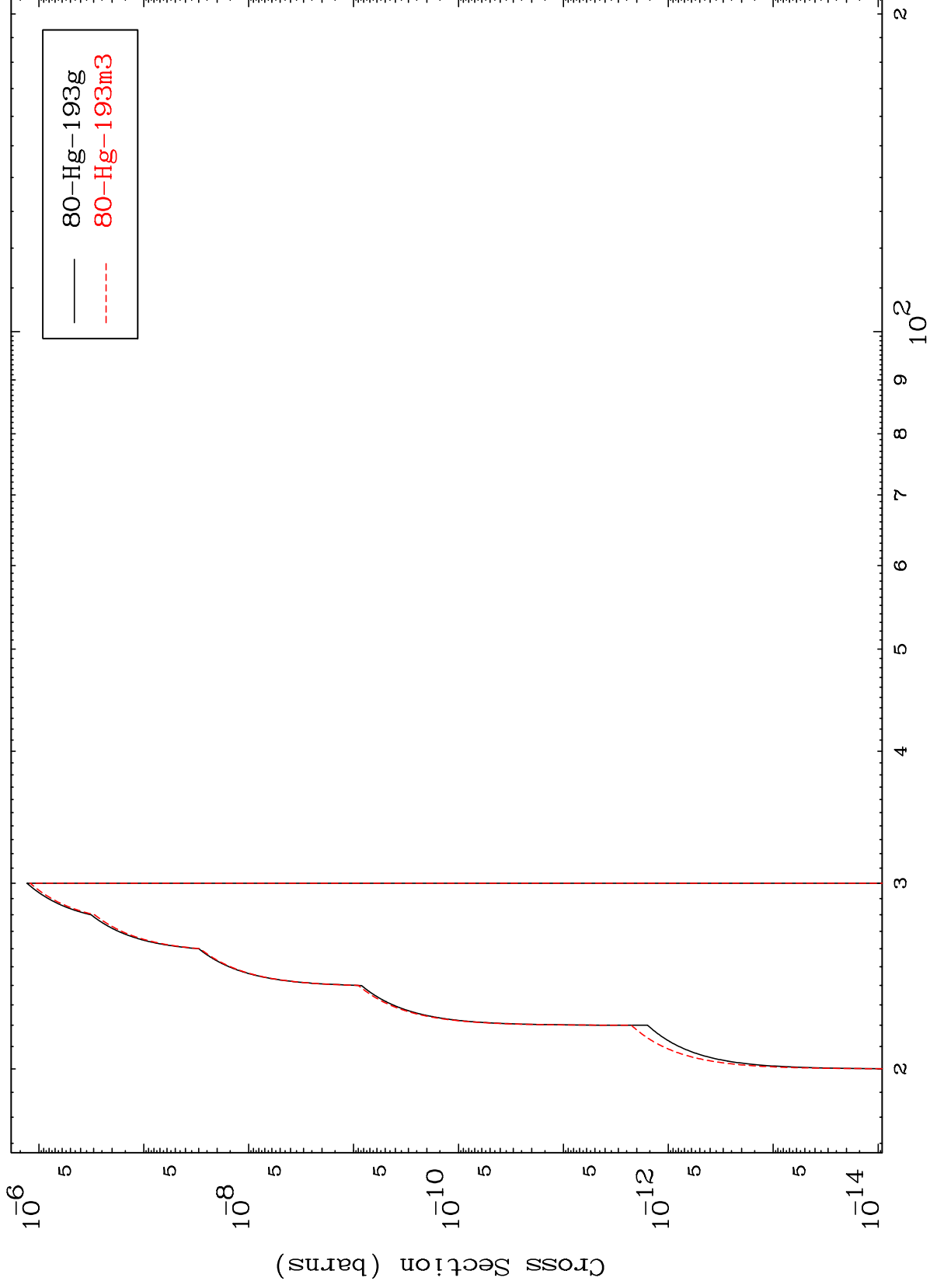
81-TI-196m

MAT 8105

(n,n') d

81-TI-196m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

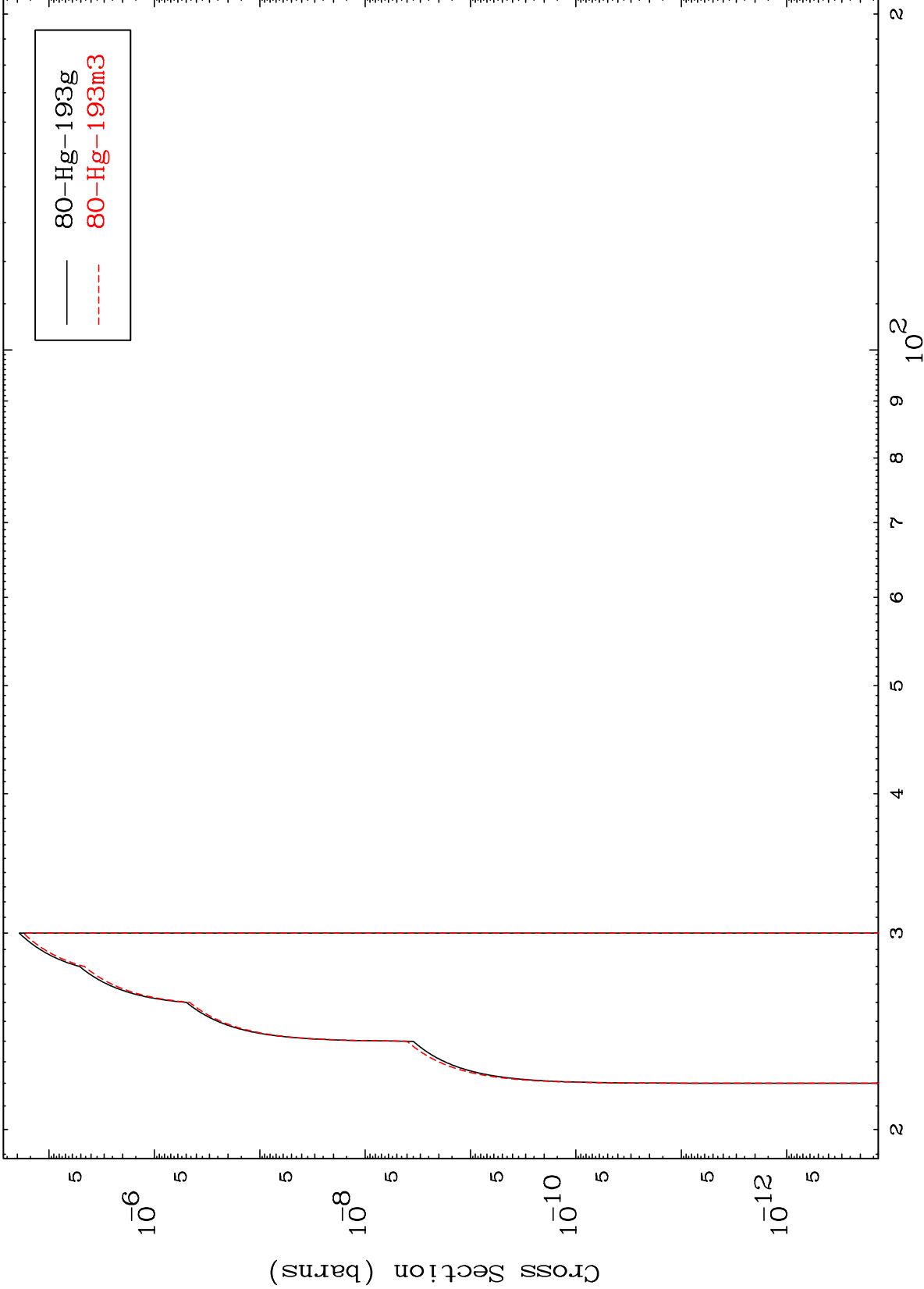
81-TI-196m

MAT 8105

(n,2n) p

81-TI-196m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

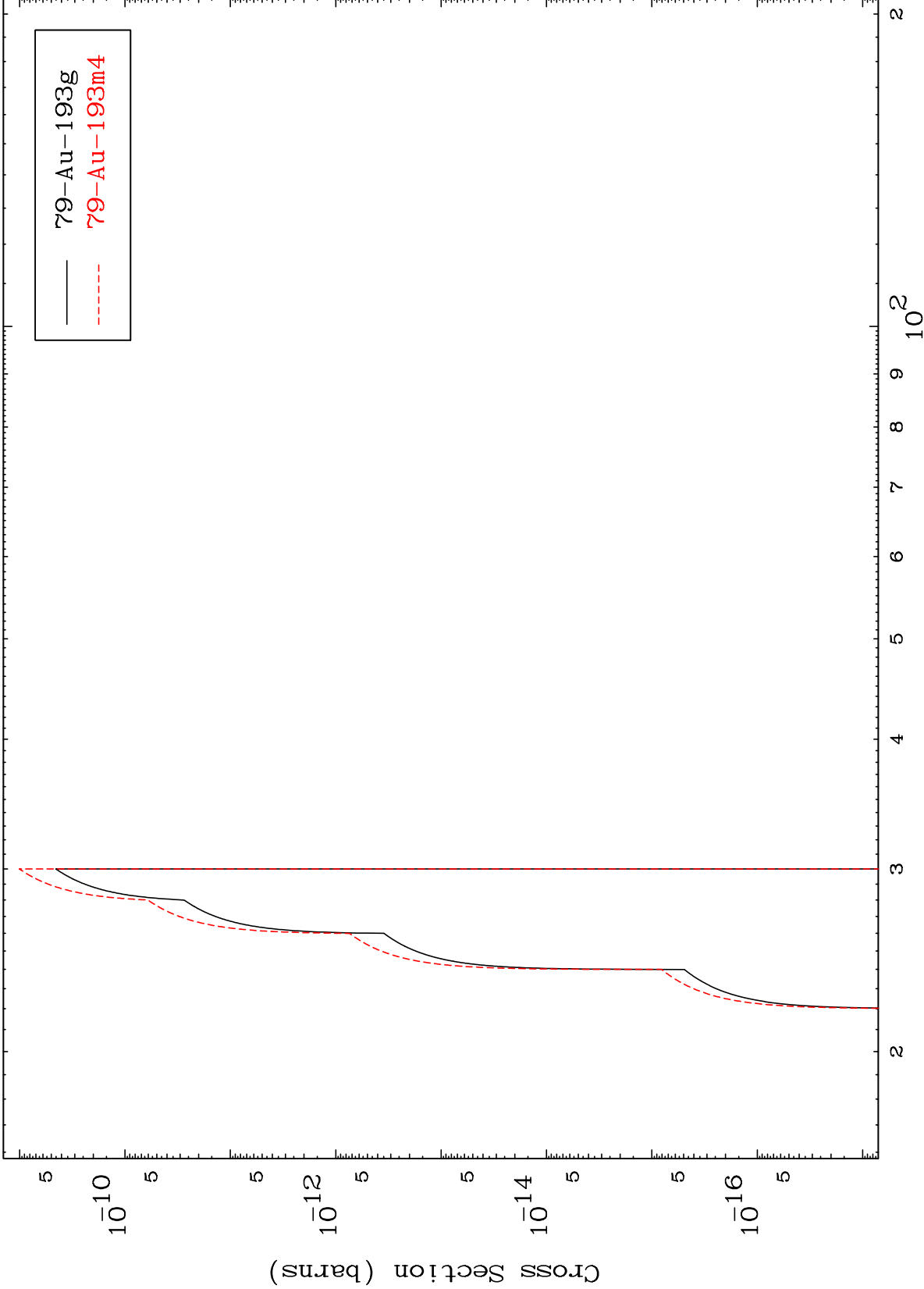
81-TI-196m

MAT 8105

(n,2n) p

81-Tl-196m

Radionuclide Production Cross Section



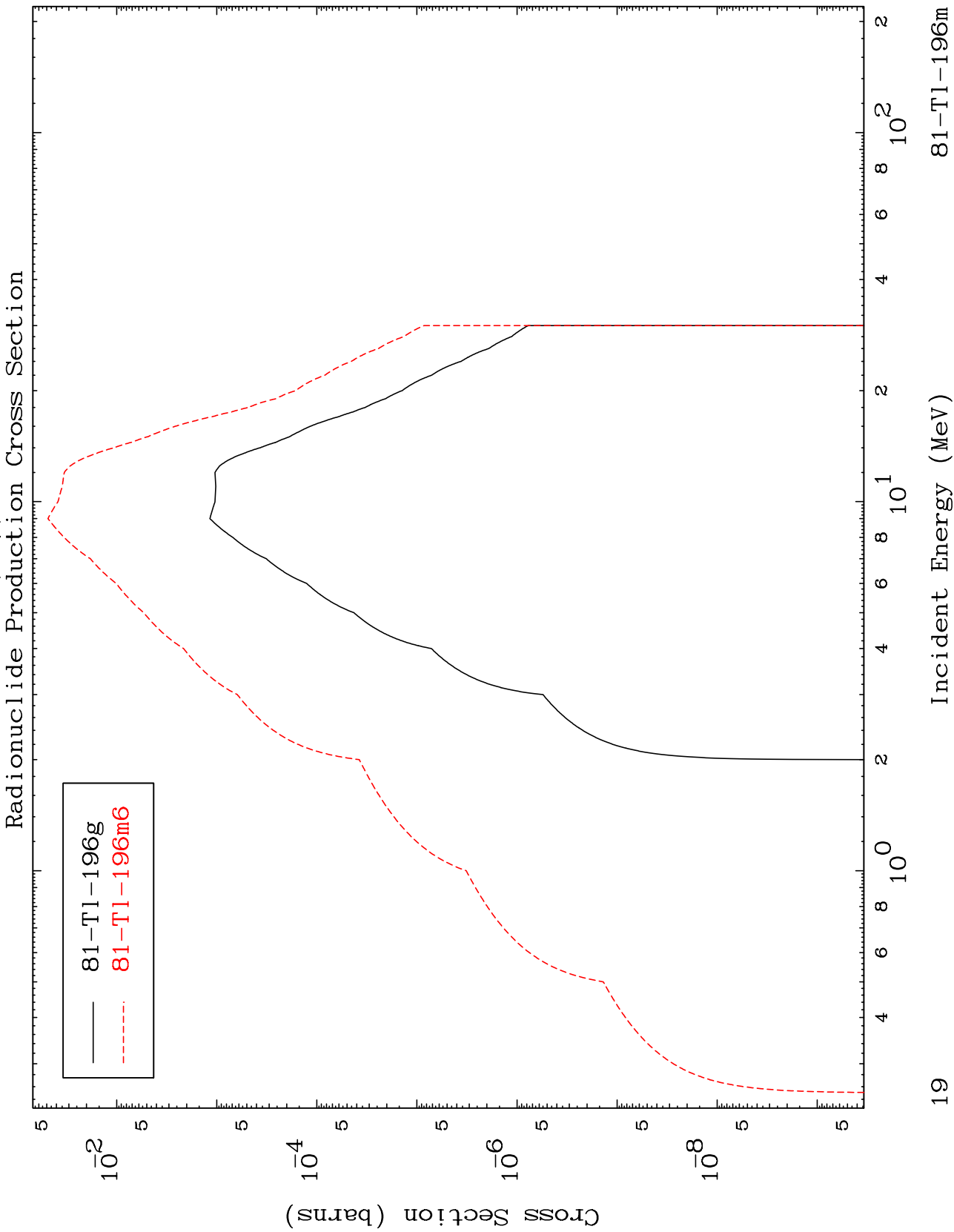
18

Incident Energy (MeV)

81-Tl-196m

MAT 8105

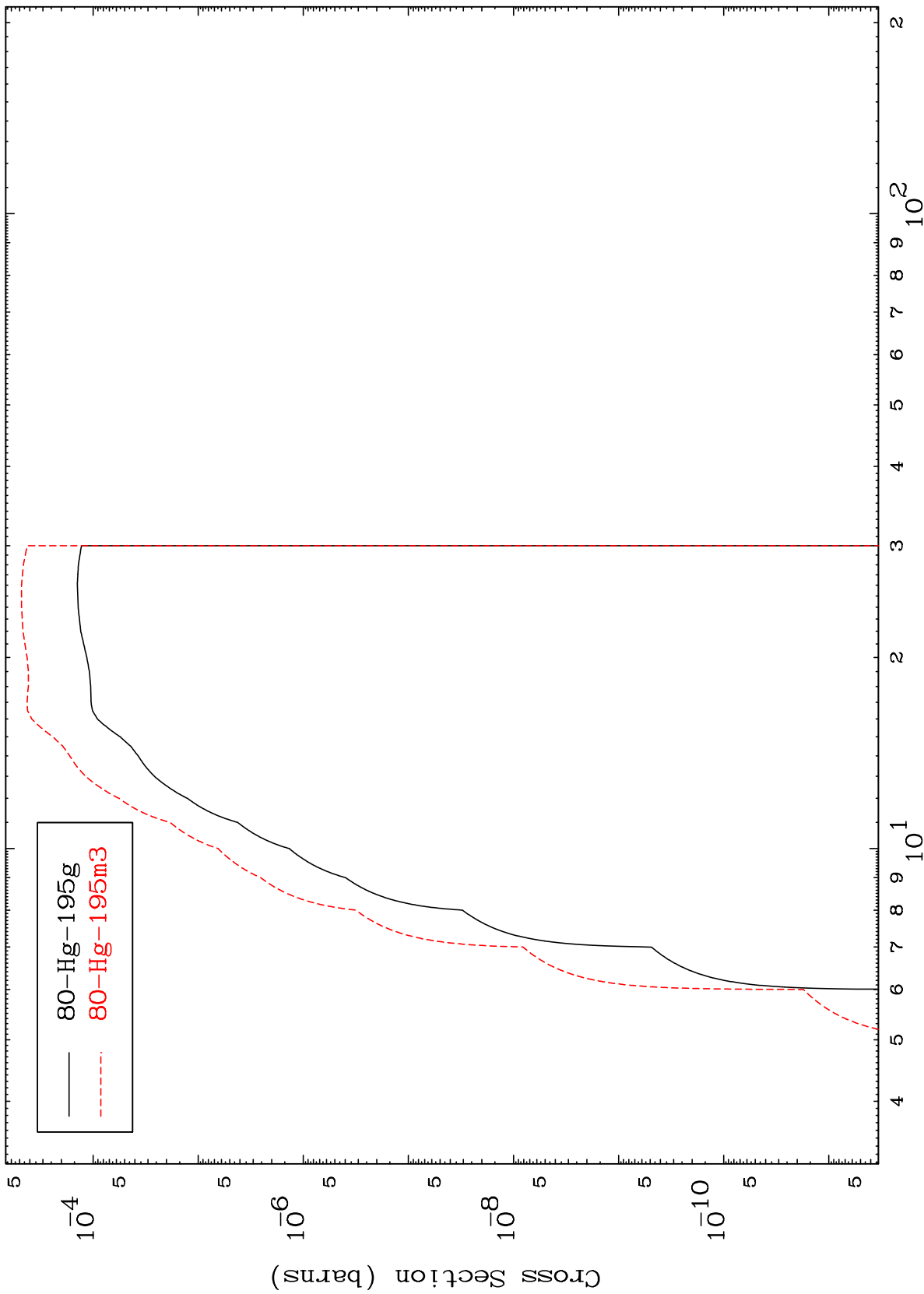
81-Tl-196m



MAT 8105

81-Tl-196m

Radionuclide Production Cross Section (n,p)

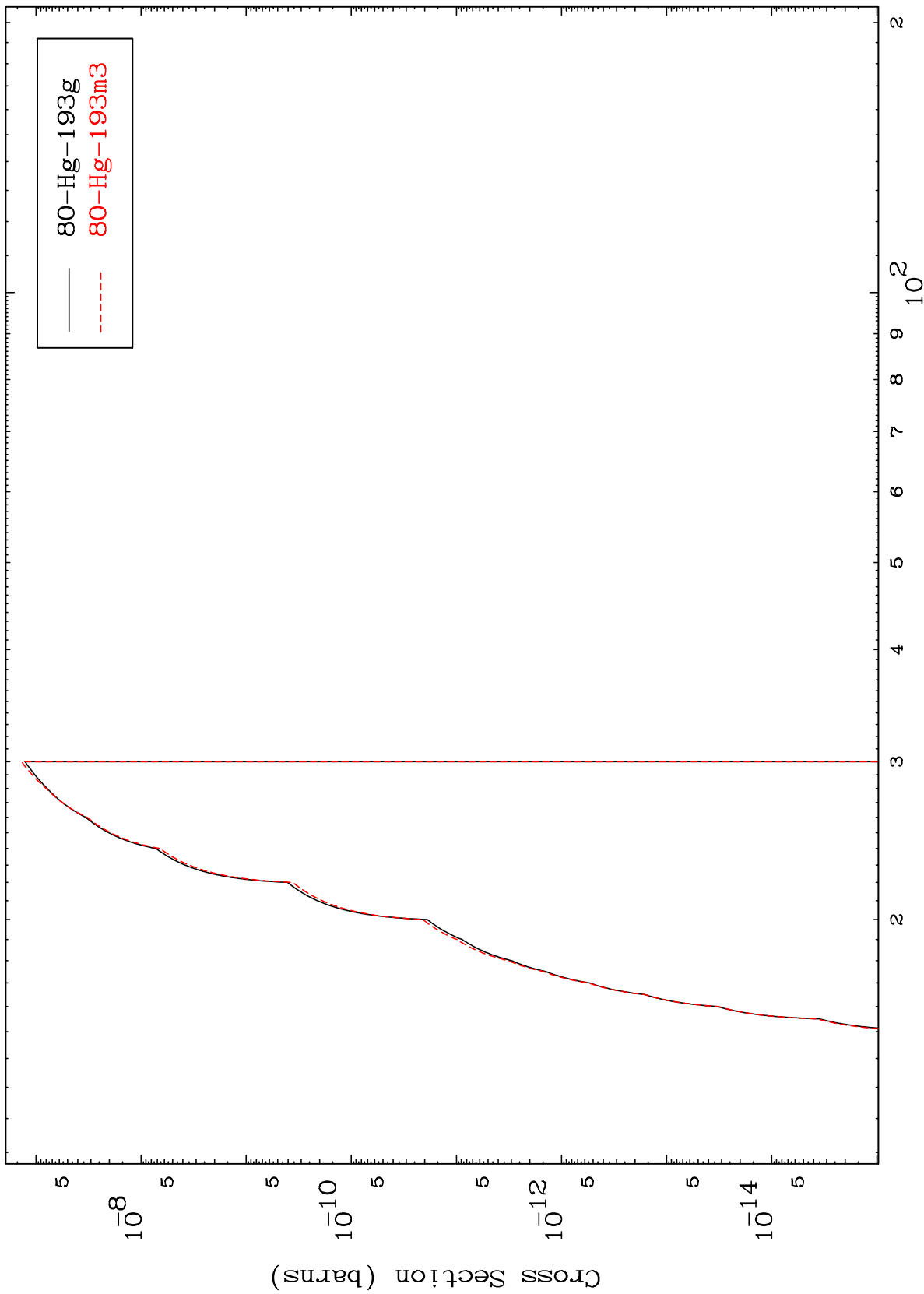


Incident Energy (MeV)

81-Tl-196m

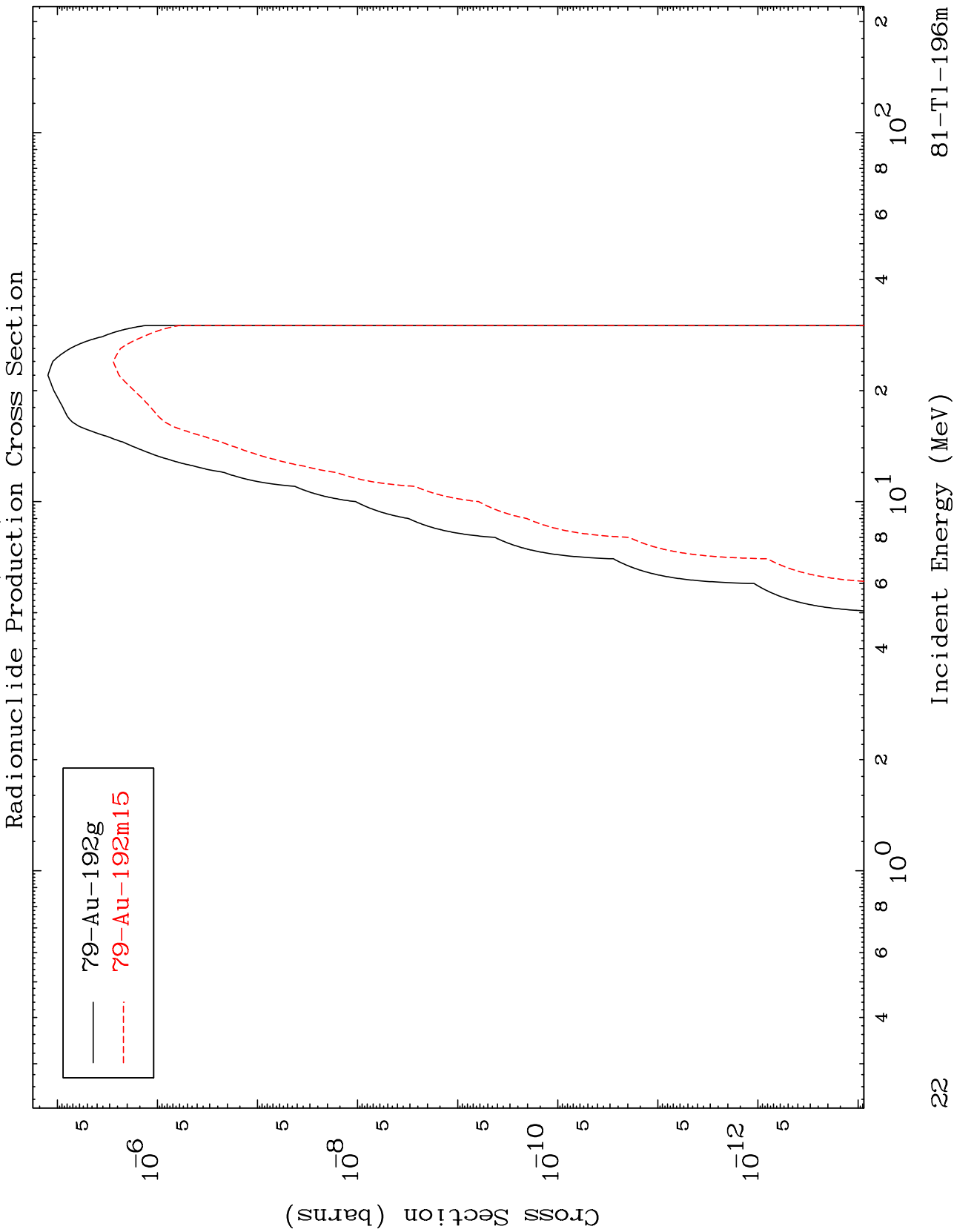
20

(n, t)  
Radionuclide Production Cross Section



MAT 8105

81-Tl-196m

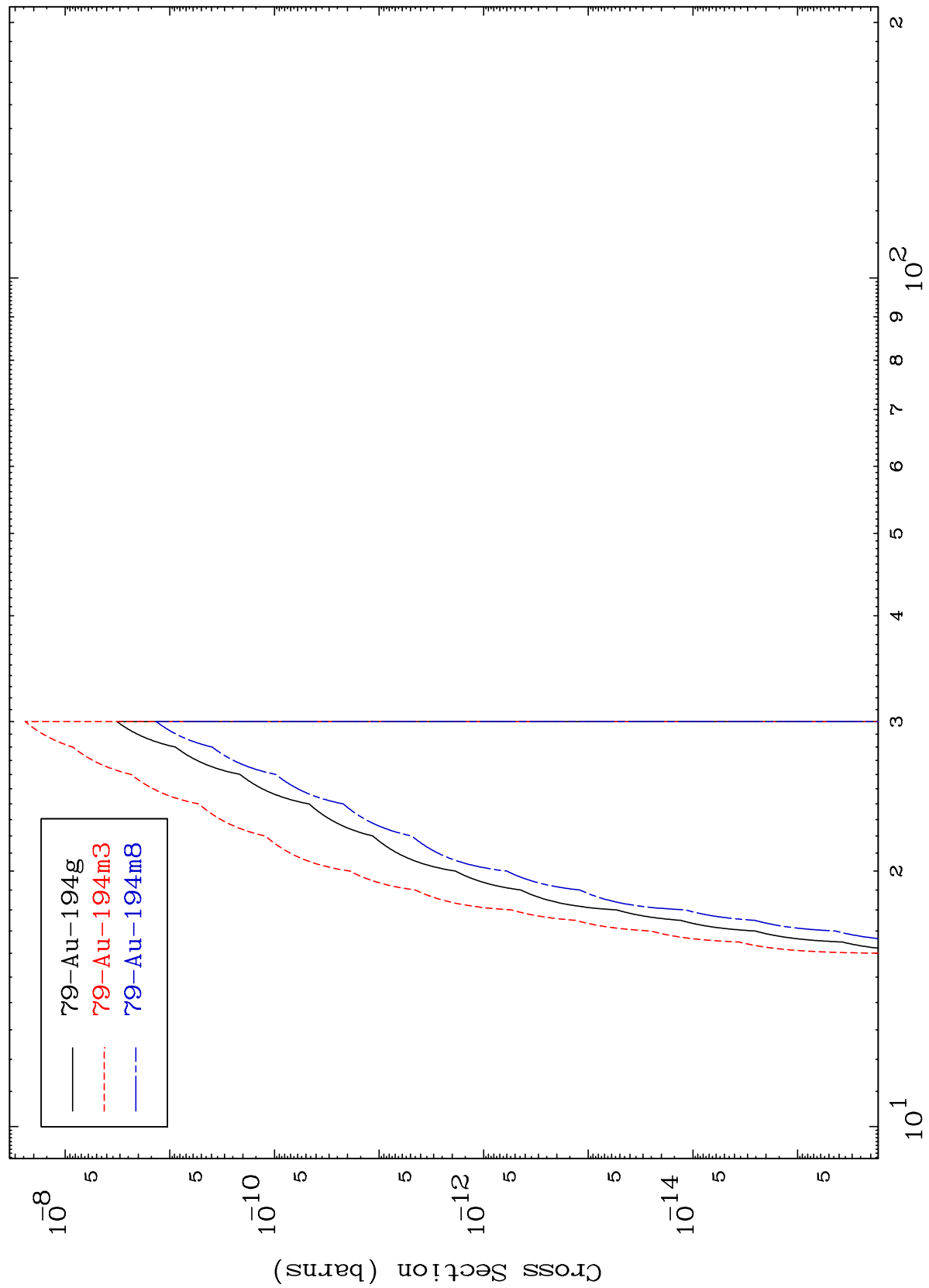


—  $^{79}\text{Au-192g}$   
- - -  $^{79}\text{Au-192m15}$

MAT 8105

81-Tl-196m

Radionuclide Production Cross Section  
(n,2p)



Incident Energy (MeV)

81-Tl-196m

23