

Program EVALPLOT  
(Version 2021-1)

by

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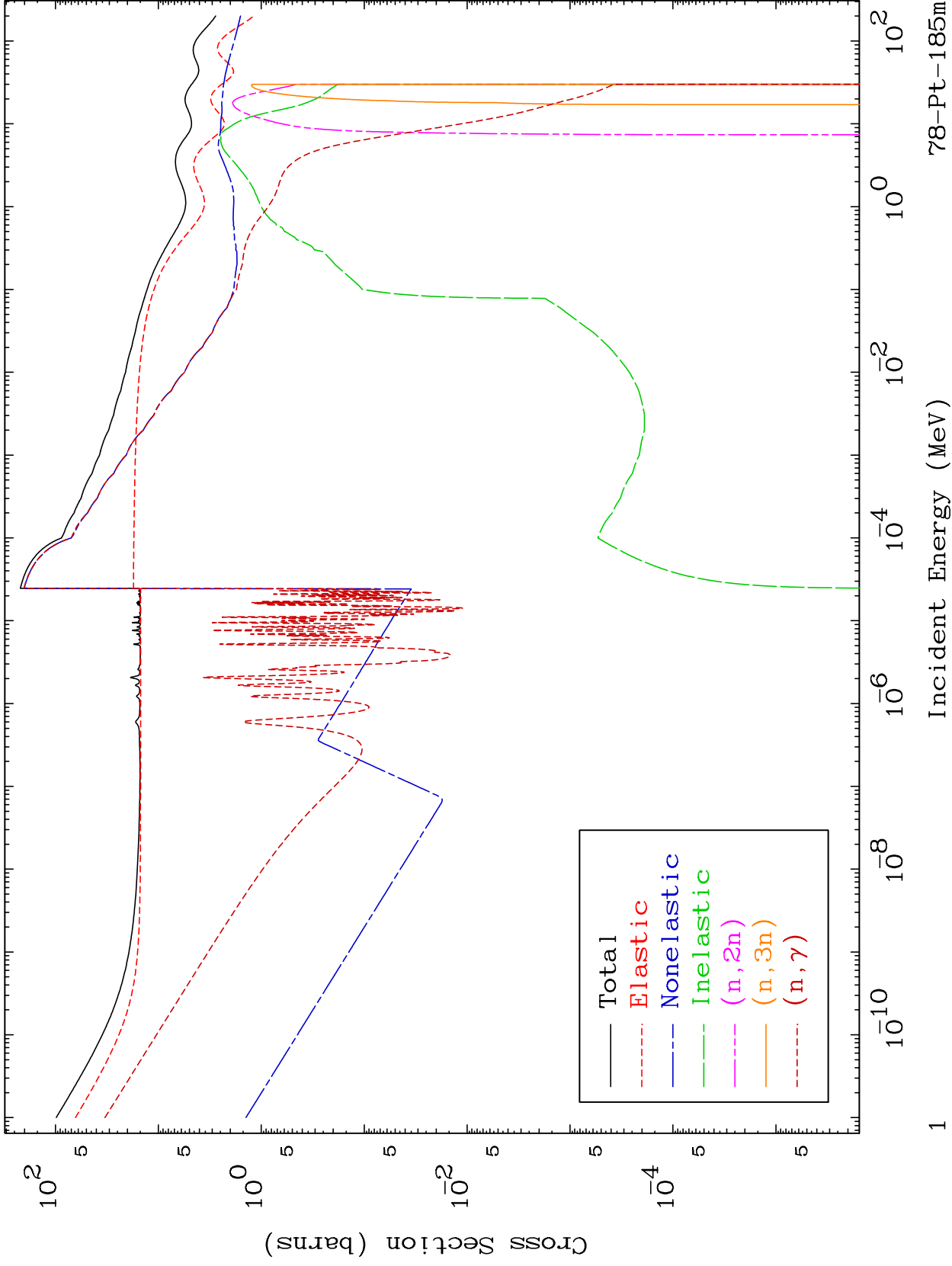
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7811

Neutron Major  
293 Kelvin Cross Sections

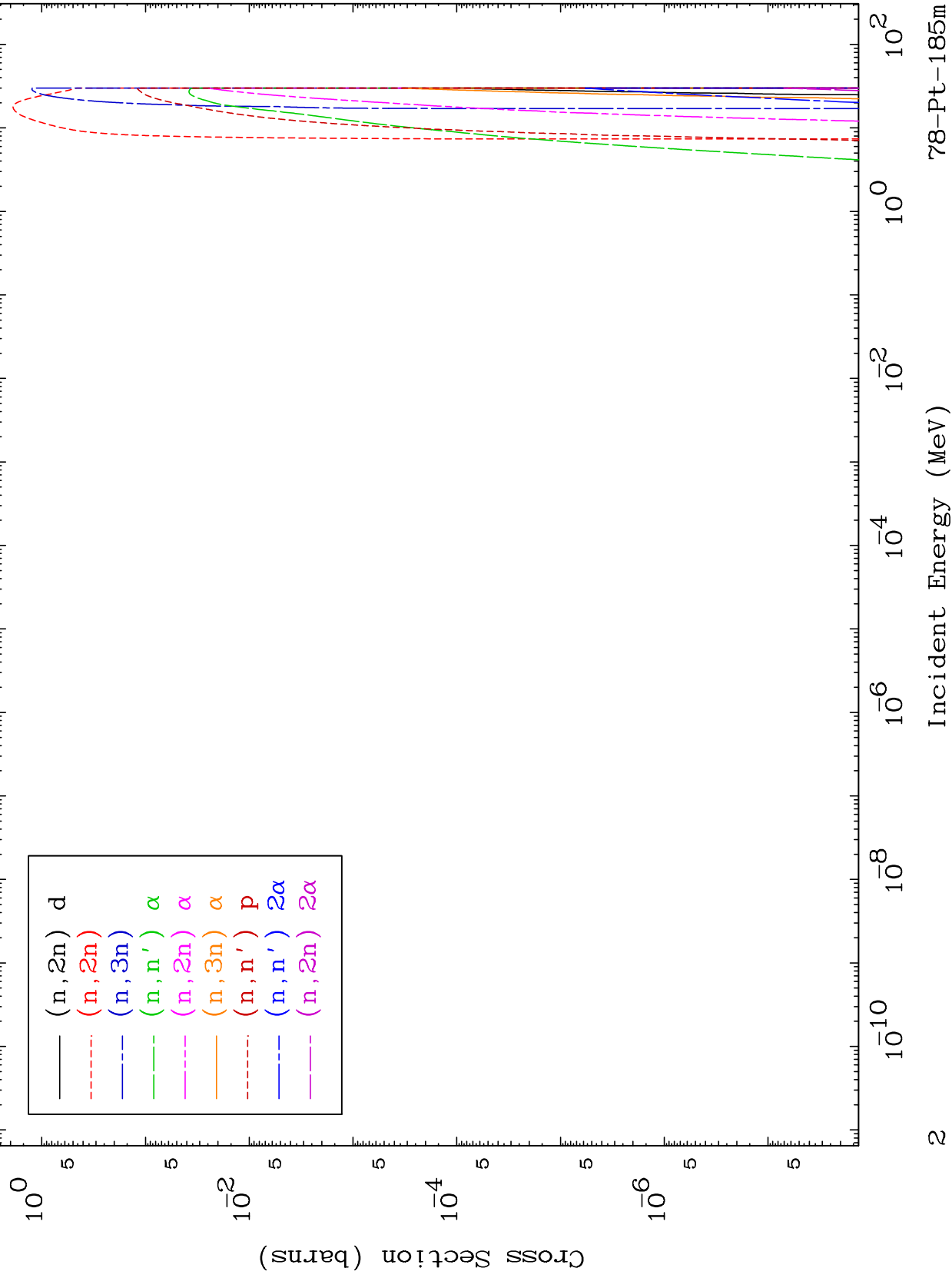
78-Pt-185m



MAT 7811

Neutron Absorption  
293 Kelvin Cross Sections

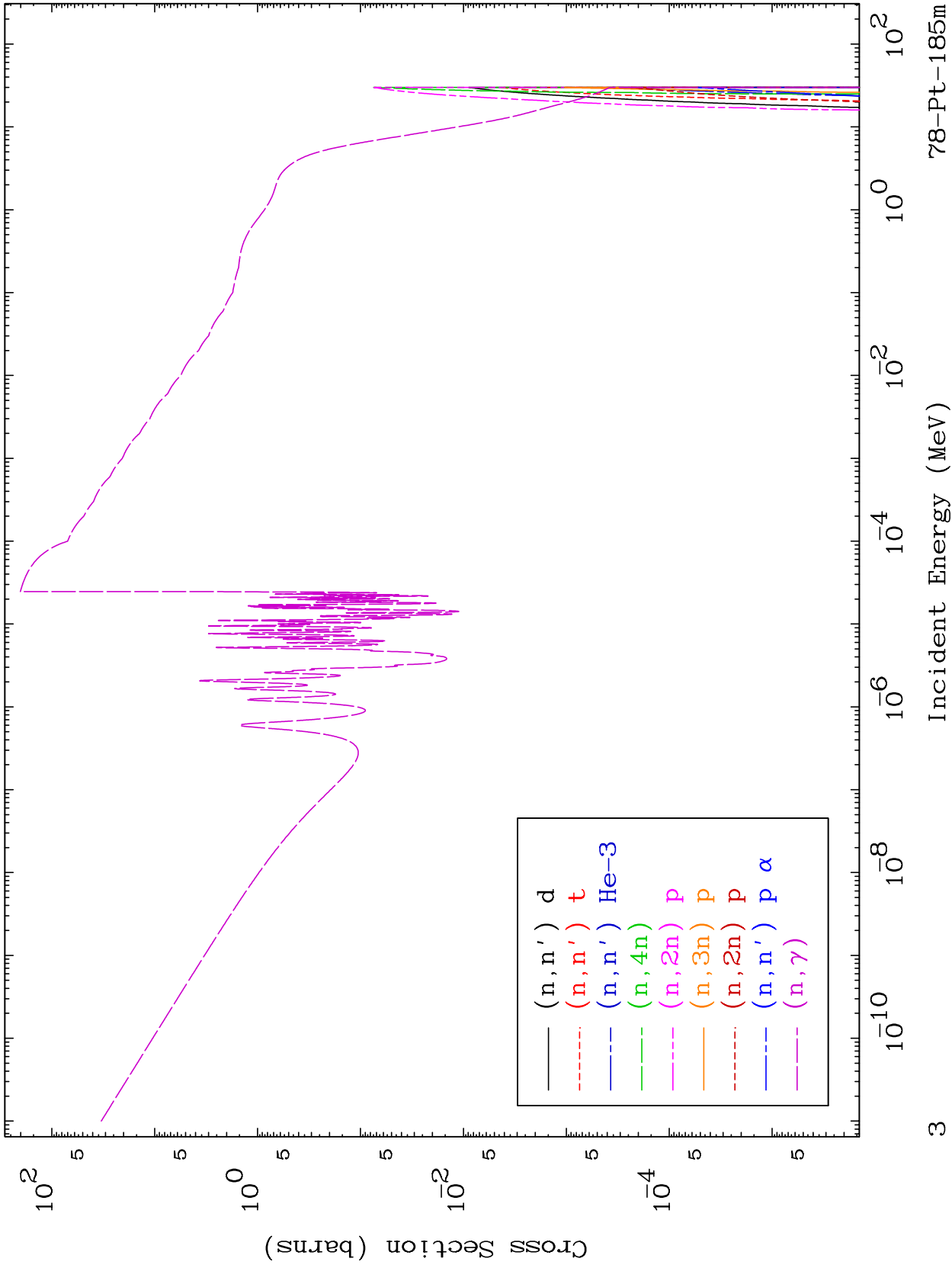
78-Pt-185m

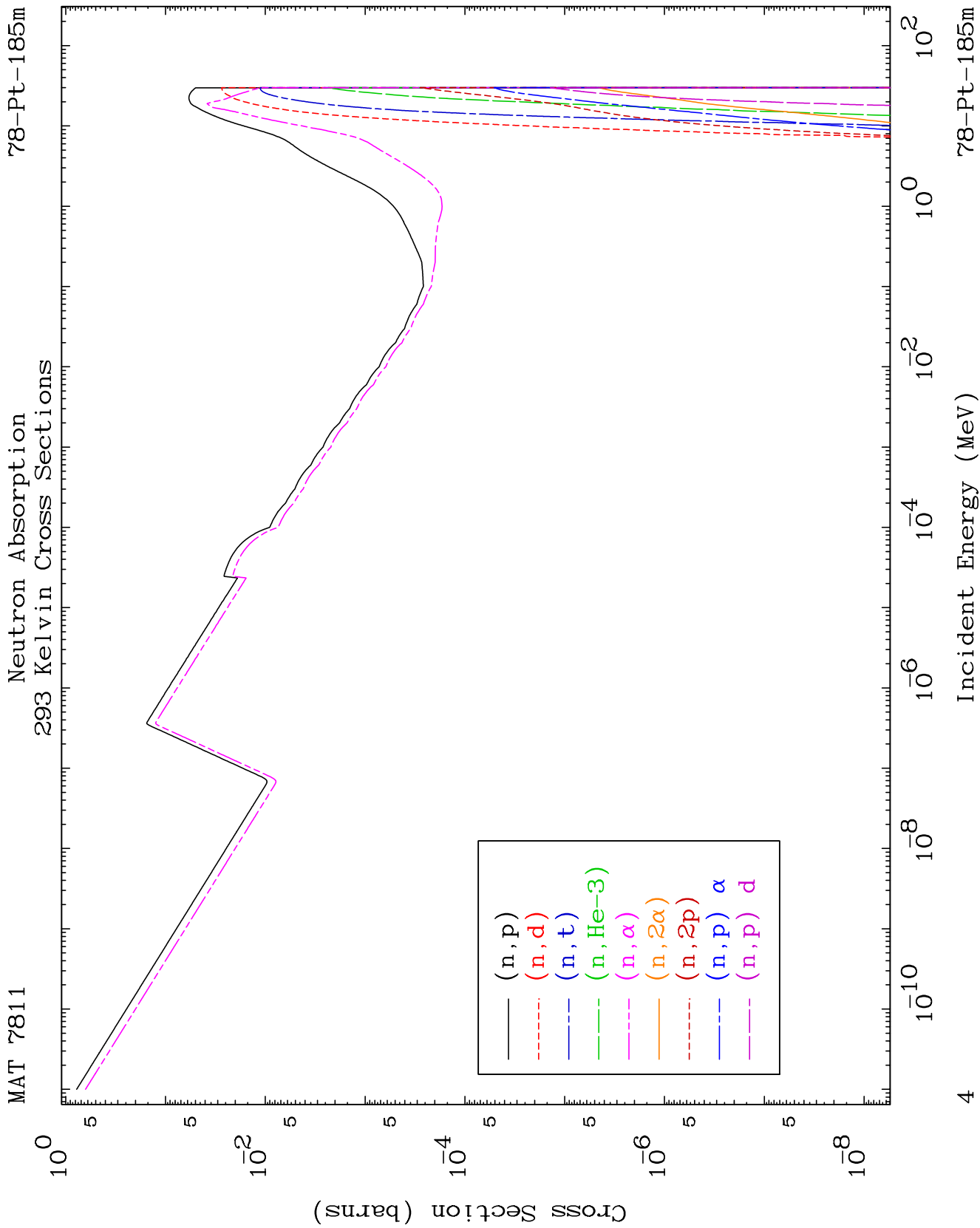


MAT 7811

Neutron Absorption  
293 Kelvin Cross Sections

78-Pt-185m

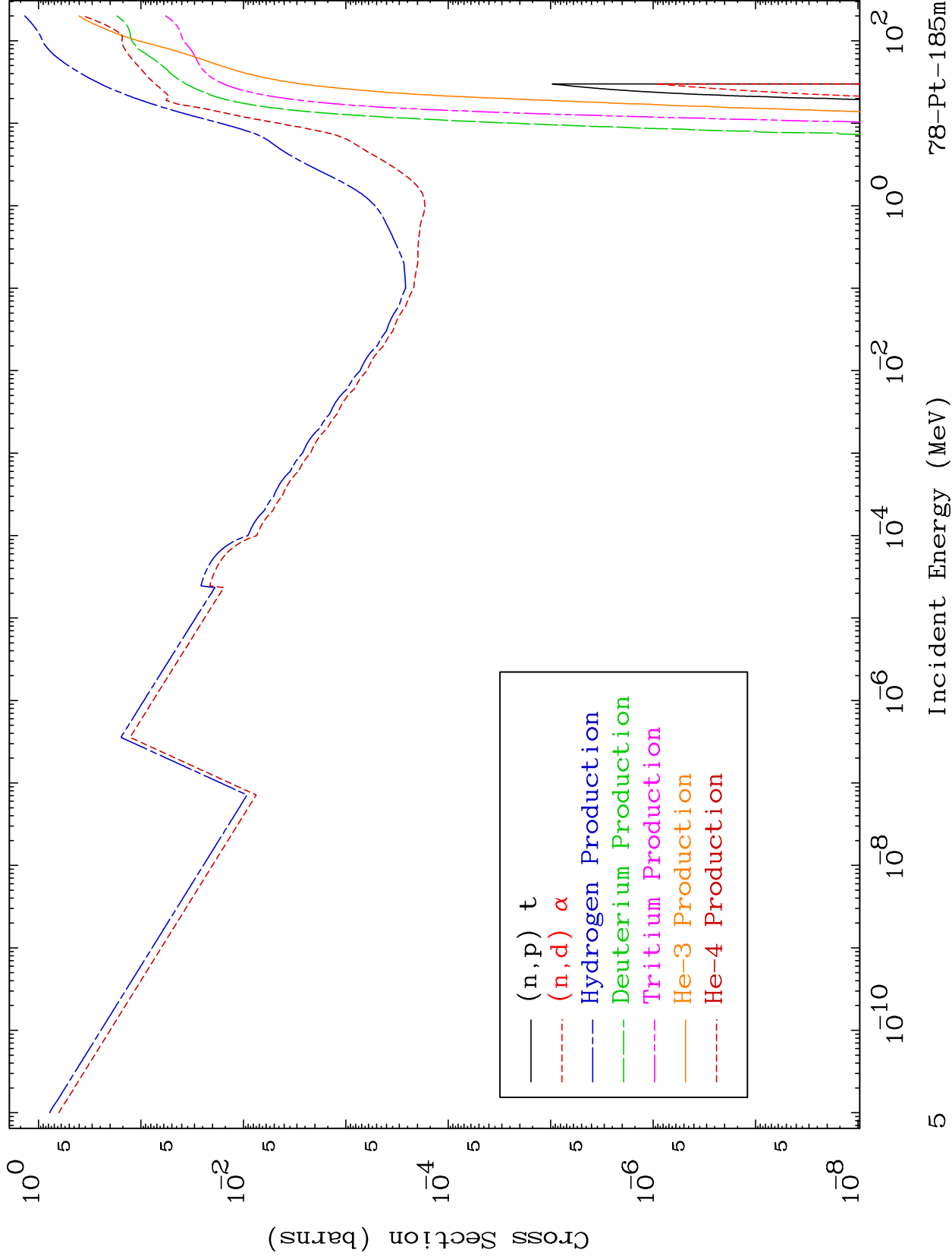




MAT 7811

Neutron Absorption  
293 Kelvin Cross Sections

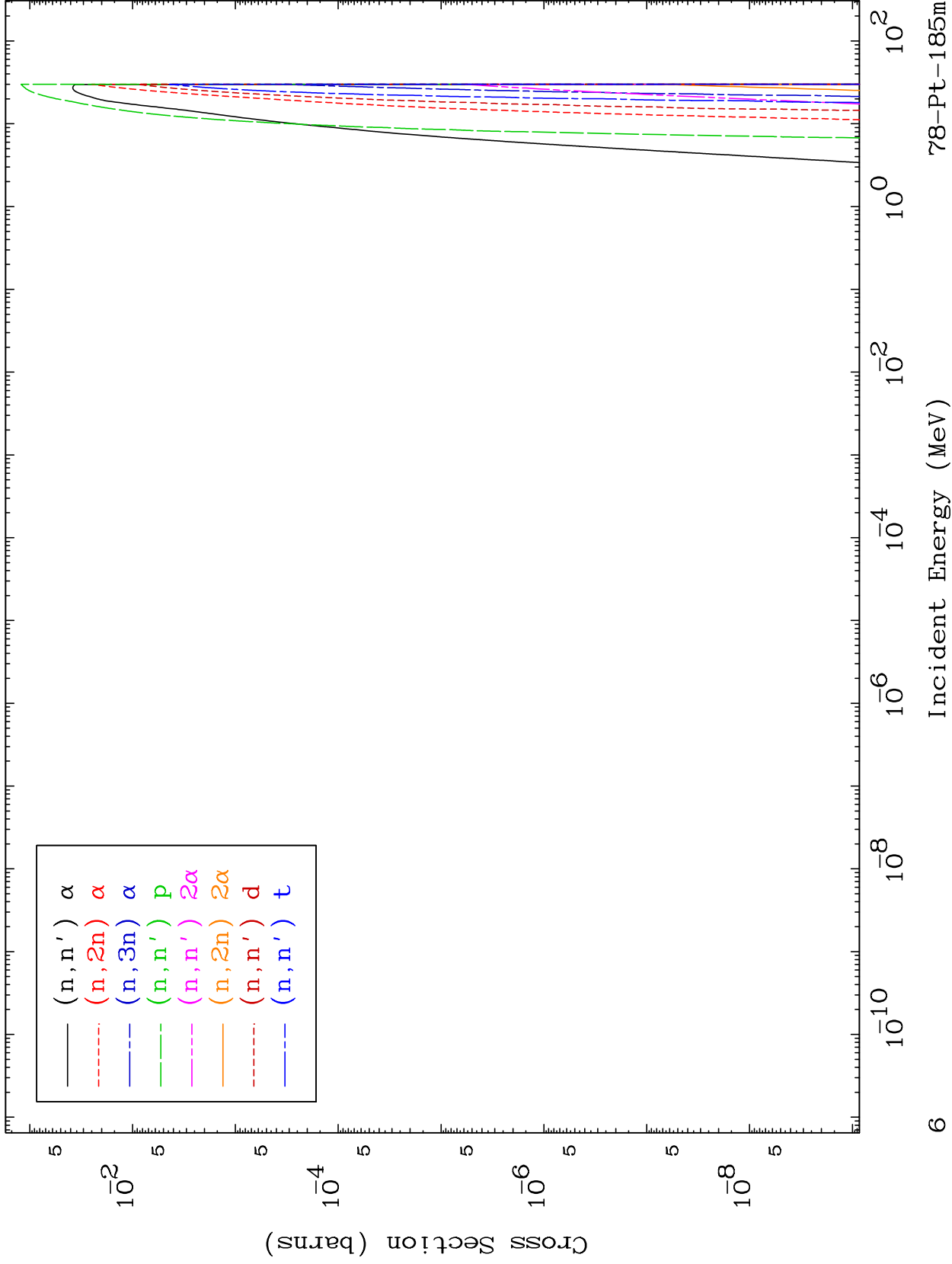
78-Pt-185m

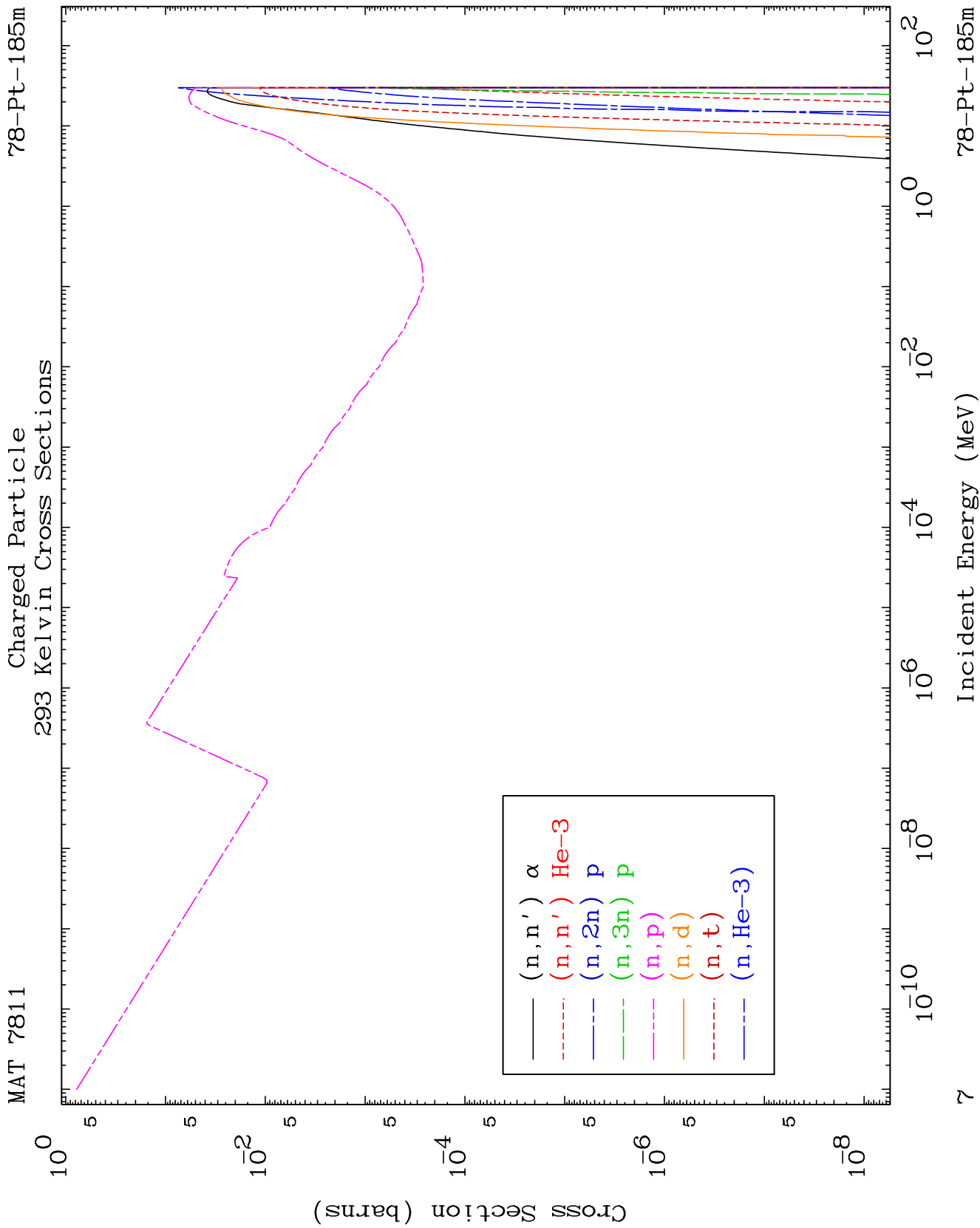


MAT 7811

Charged Particle  
293 Kelvin Cross Sections

78-Pt-185m



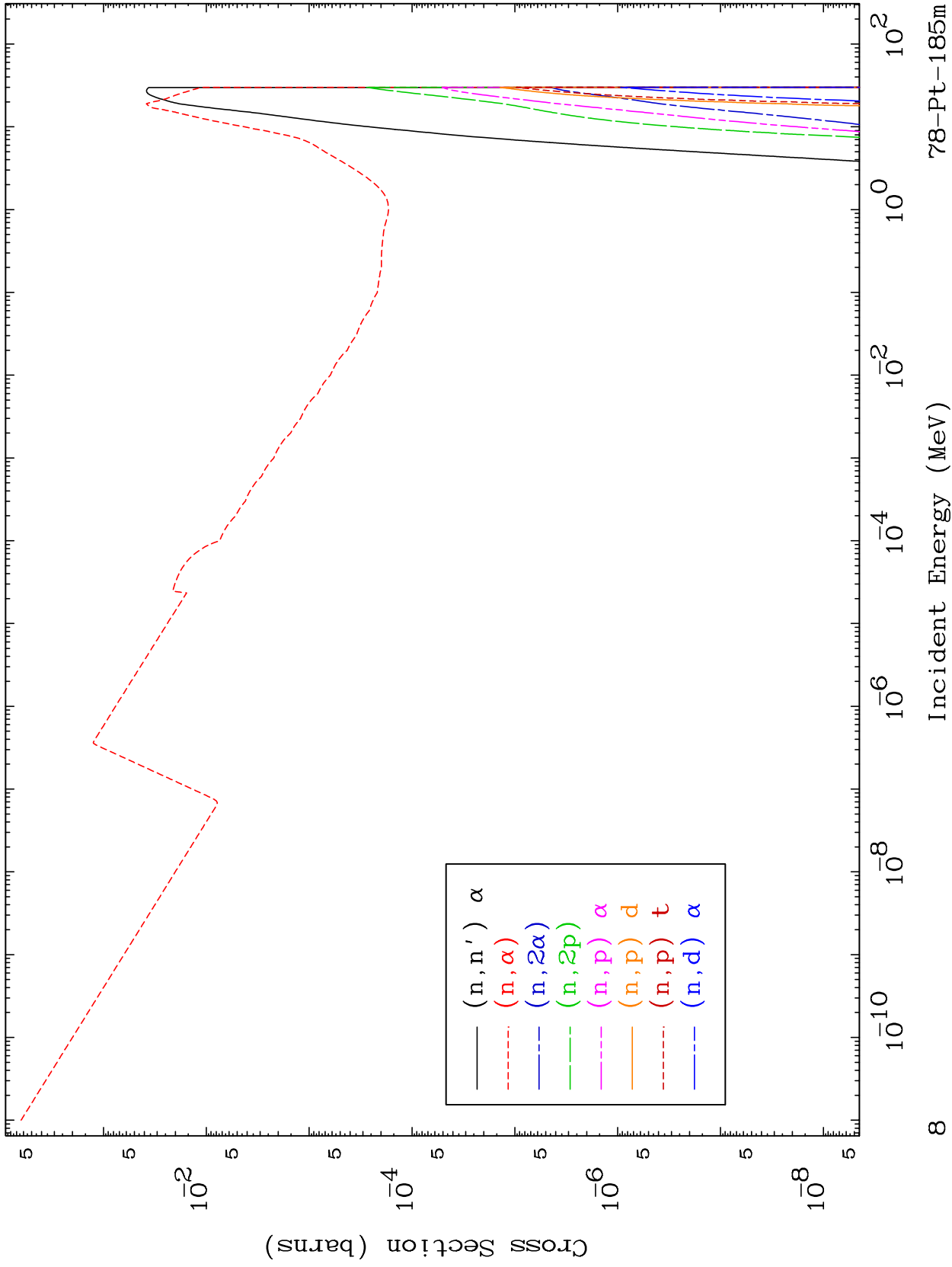




MAT 7811

Charged Particle  
293 Kelvin Cross Sections

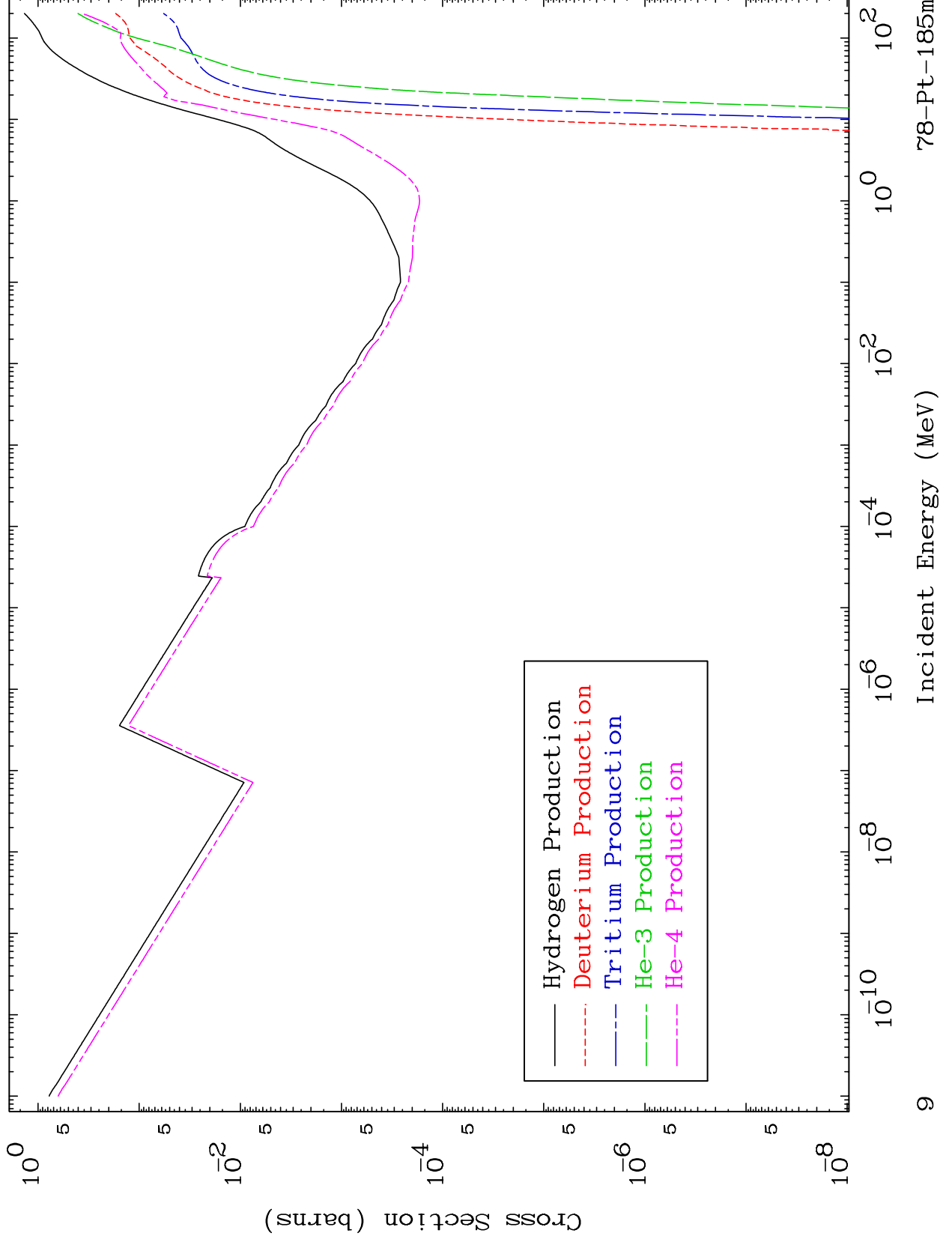
78-Pt-185m



MAT 7811

Particle Production  
293 Kelvin Cross Sections

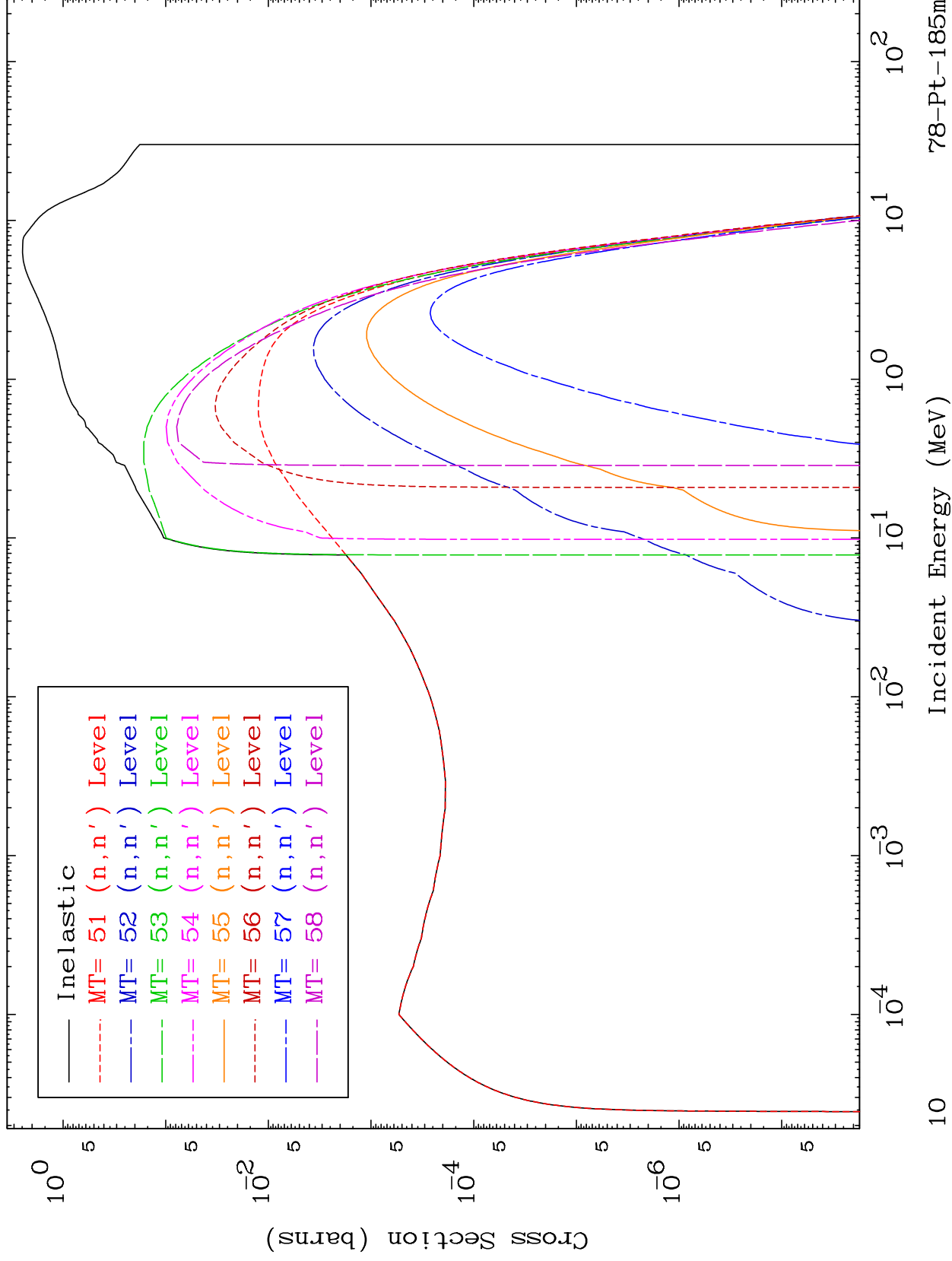
78-Pt-185m



MAT 7811

293 Kelvin Cross Sections  
(n,n') Levels

78-Pt-185m



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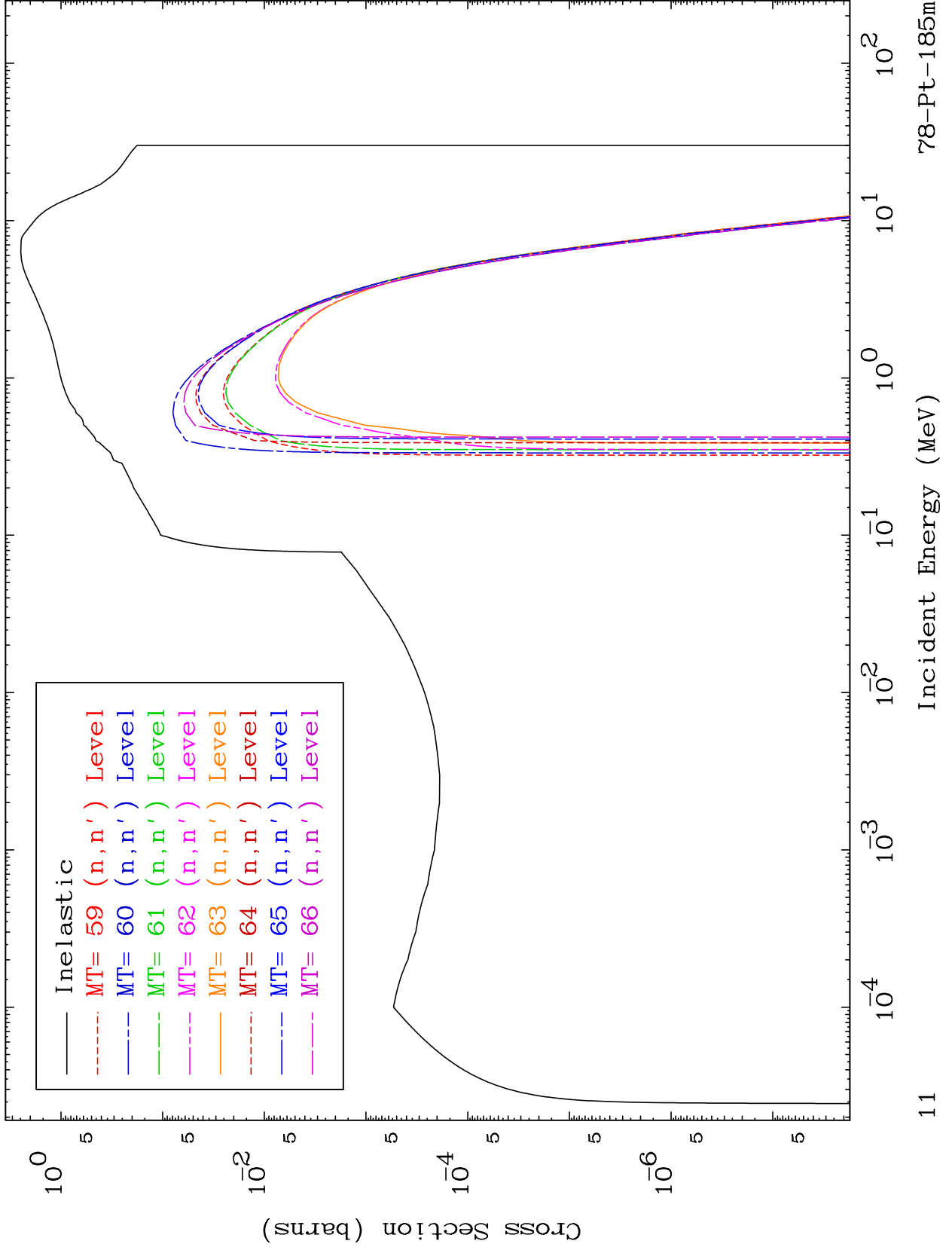
Incident Energy (MeV)

78-Pt-185m

MAT 7811

293 Kelvin Cross Sections  
(n,n') Levels

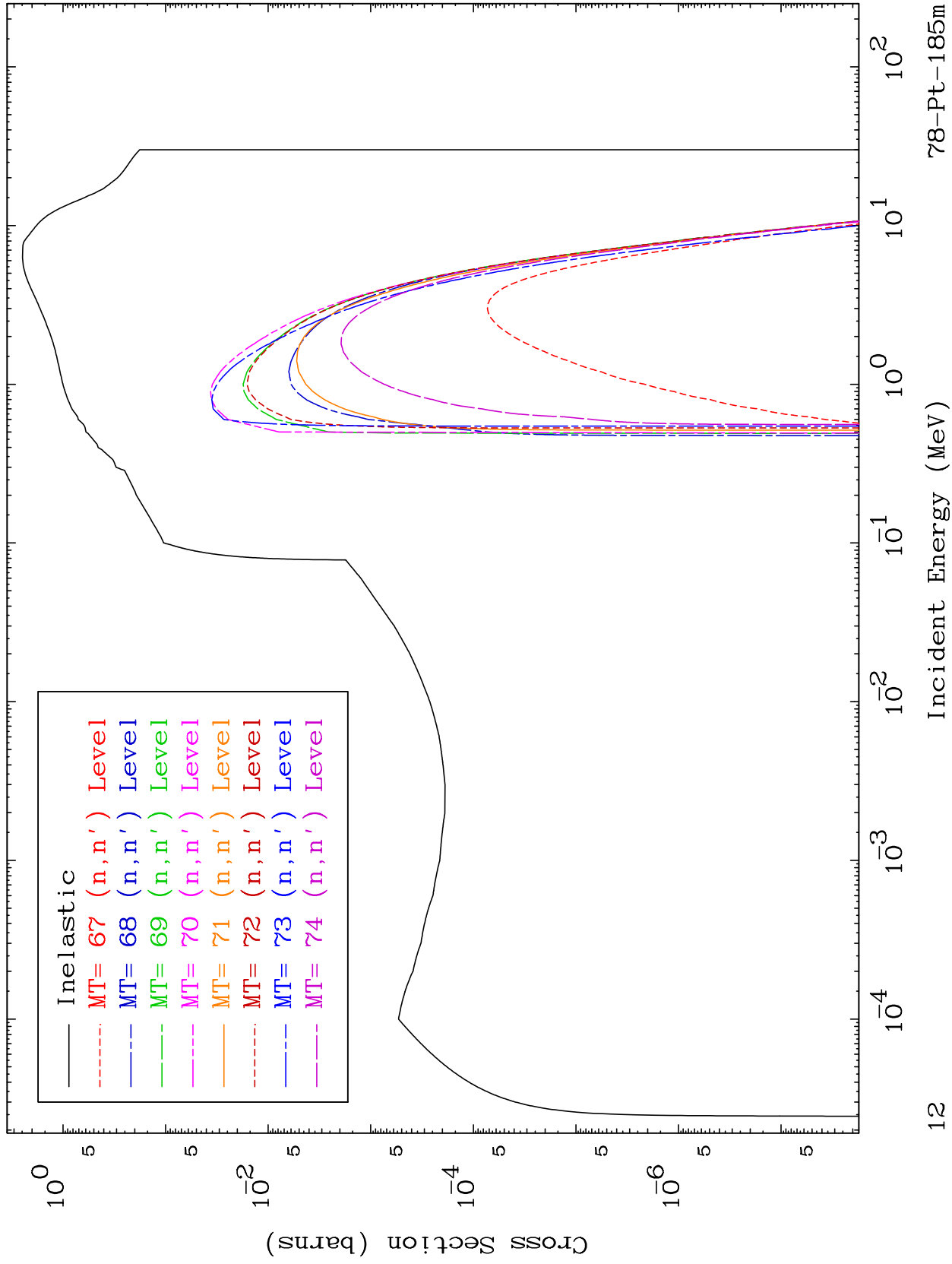
78-Pt-185m



MAT 7811

(n,n') Levels  
293 Kelvin Cross Sections

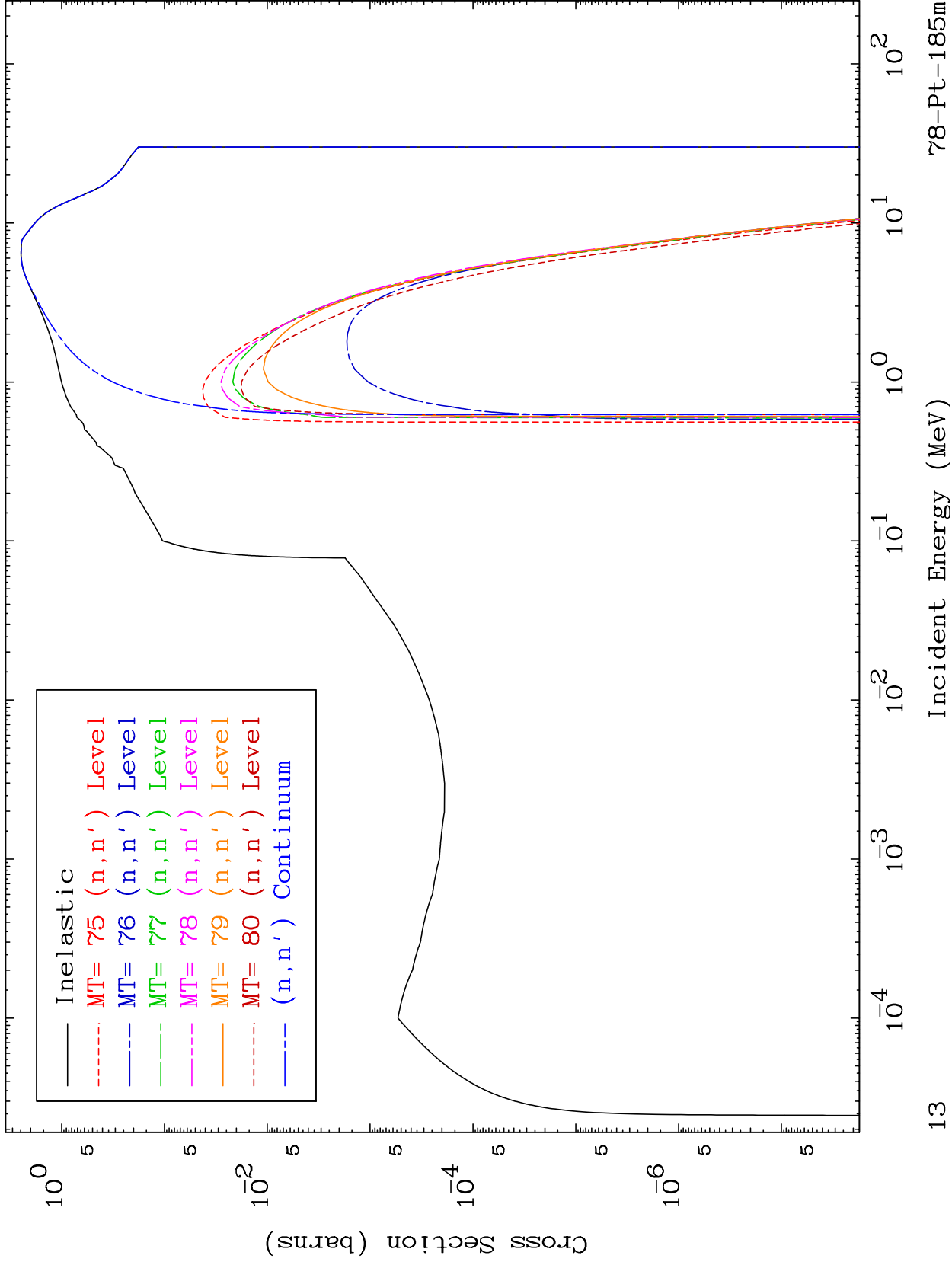
78-Pt-185m



MAT 7811

293 Kelvin Cross Sections  
(n,n') Levels

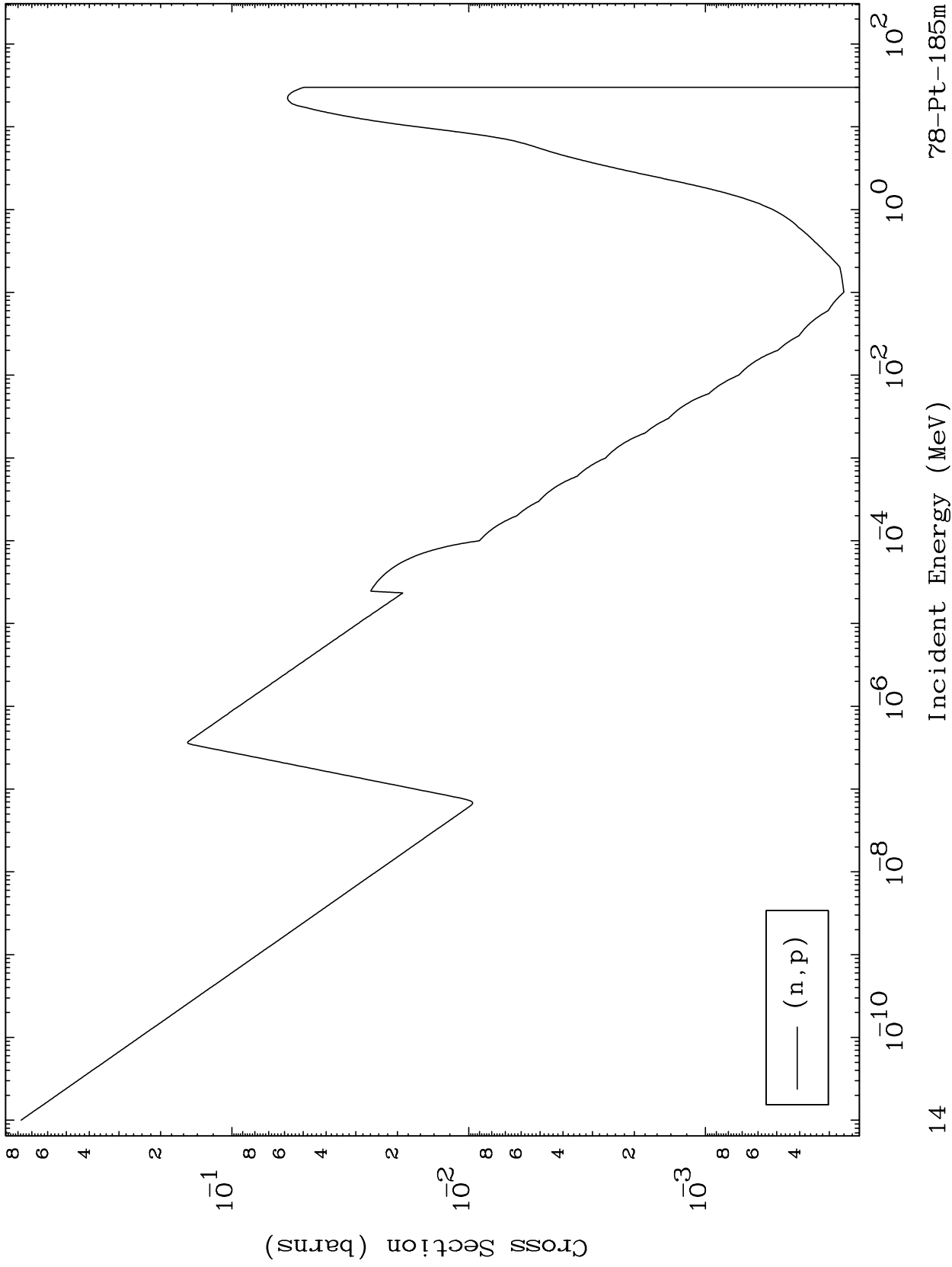
78-Pt-185m



MAT 7811

(n,p) Levels  
293 Kelvin Cross Sections

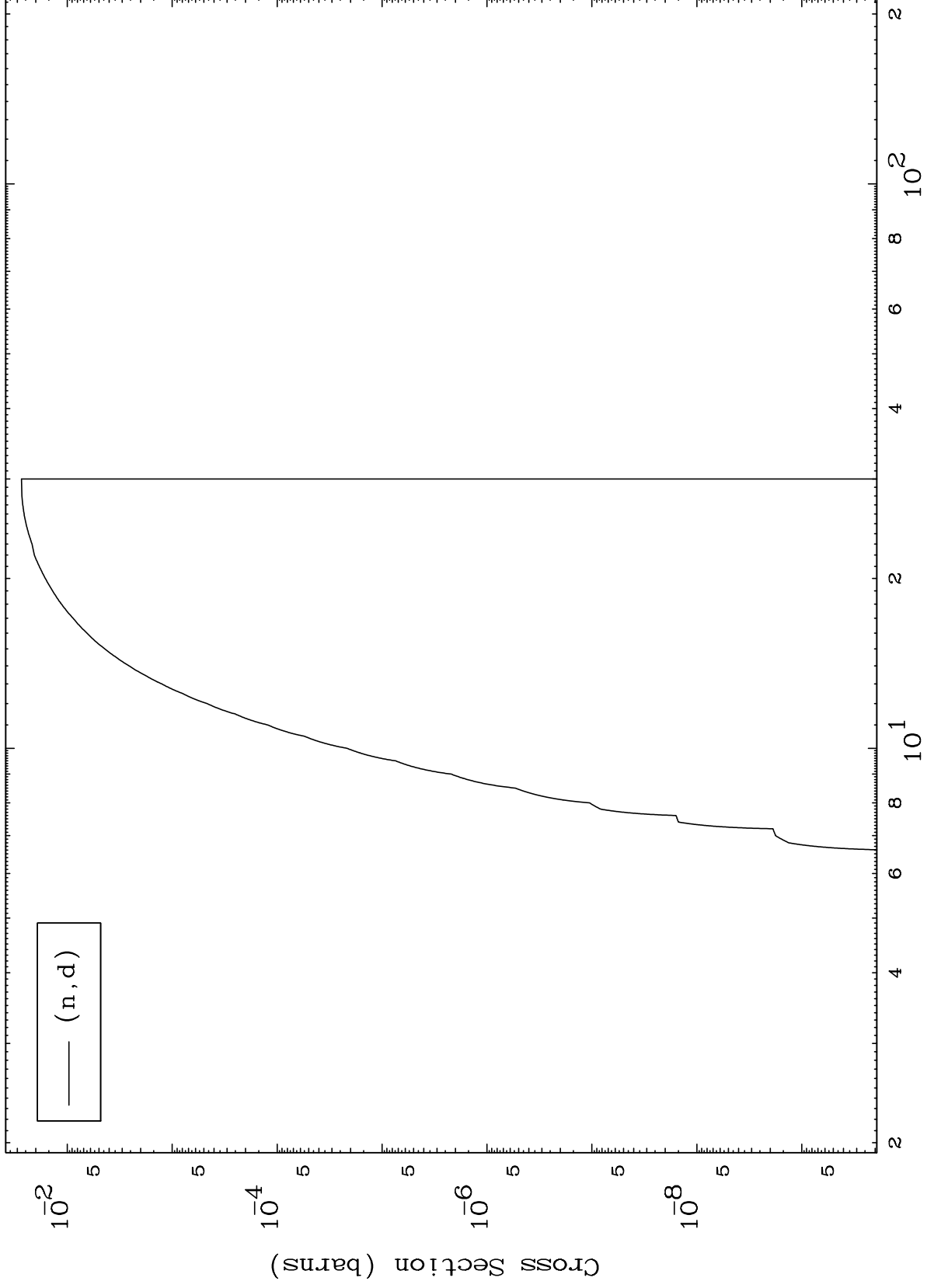
78-Pt-185m



MAT 7811

(n,d) Levels  
293 Kelvin Cross Sections

78-Pt-185m



15

Incident Energy (MeV)

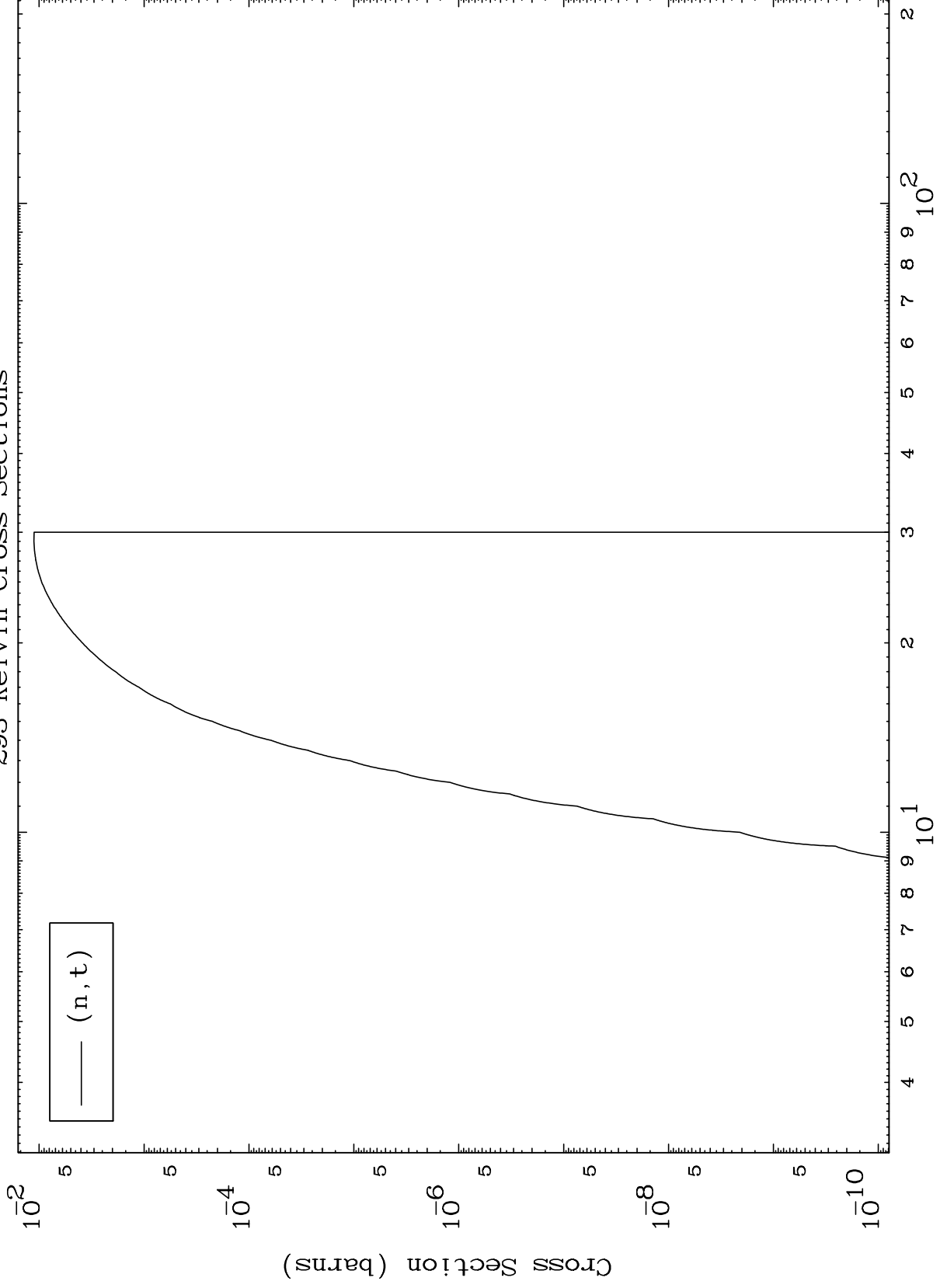
78-Pt-185m



MAT 7811

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-185m



16

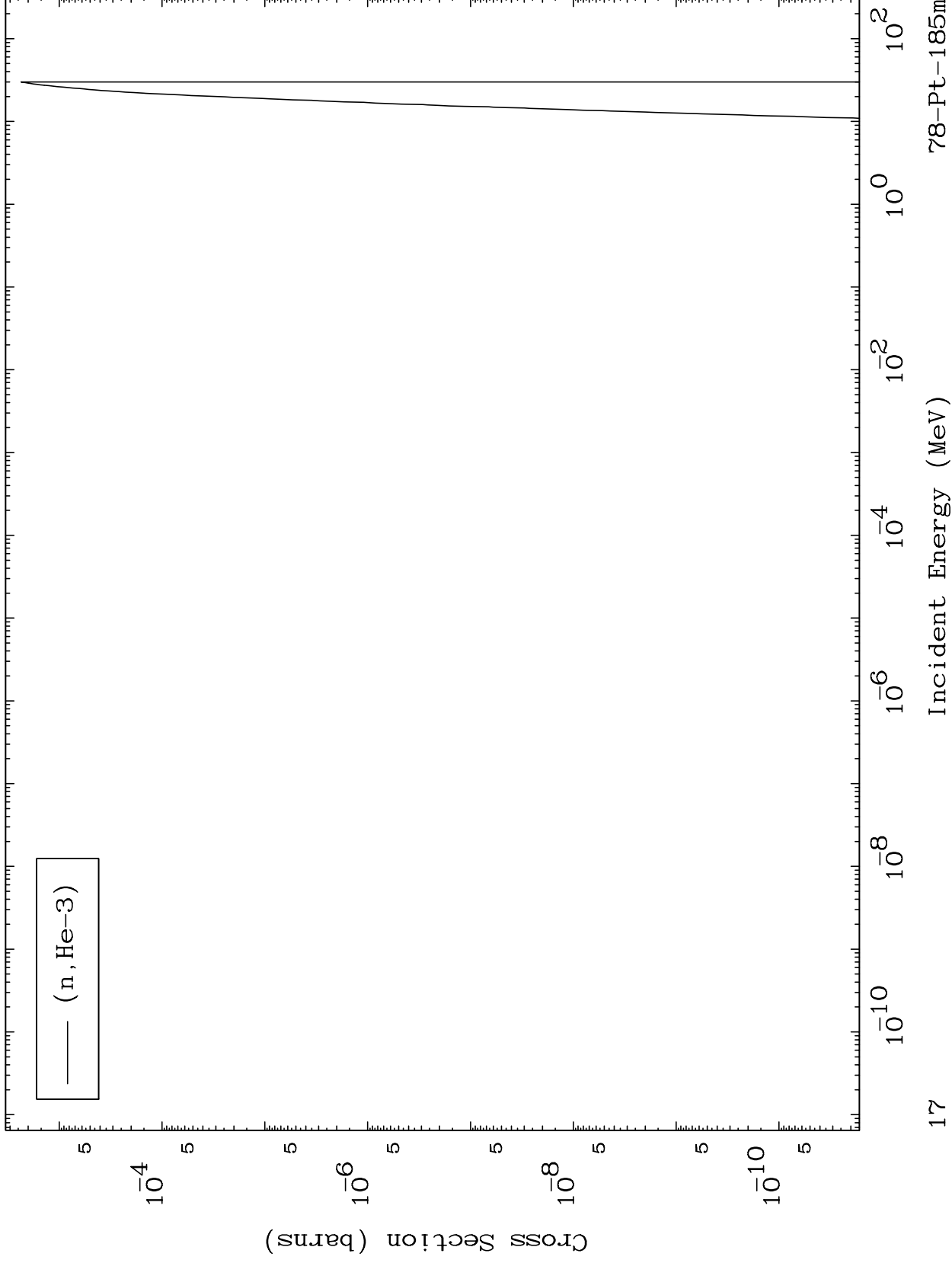
Incident Energy (MeV)

78-Pt-185m

MAT 7811

(n,He3) Levels  
293 Kelvin Cross Sections

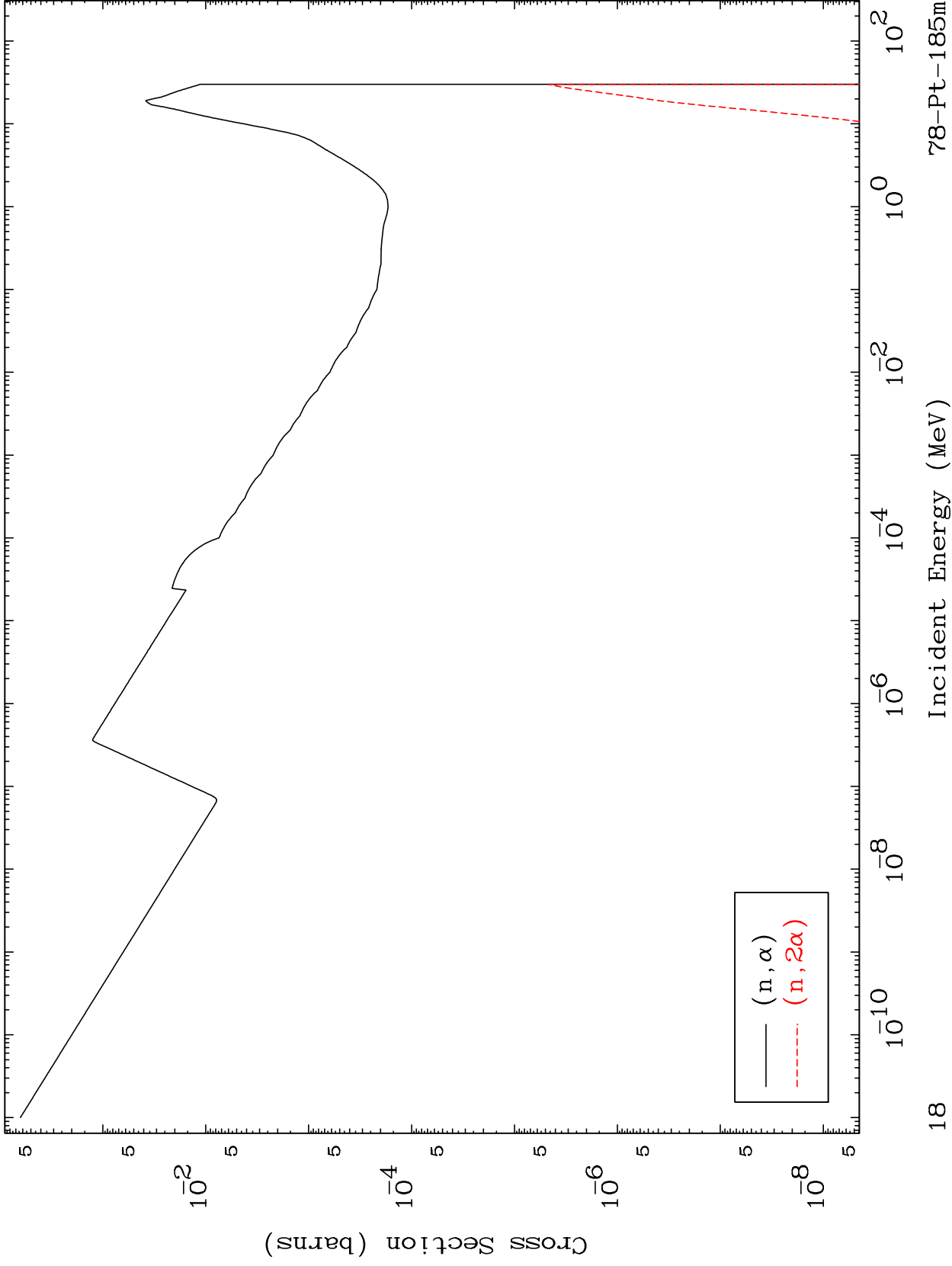
78-Pt-185m



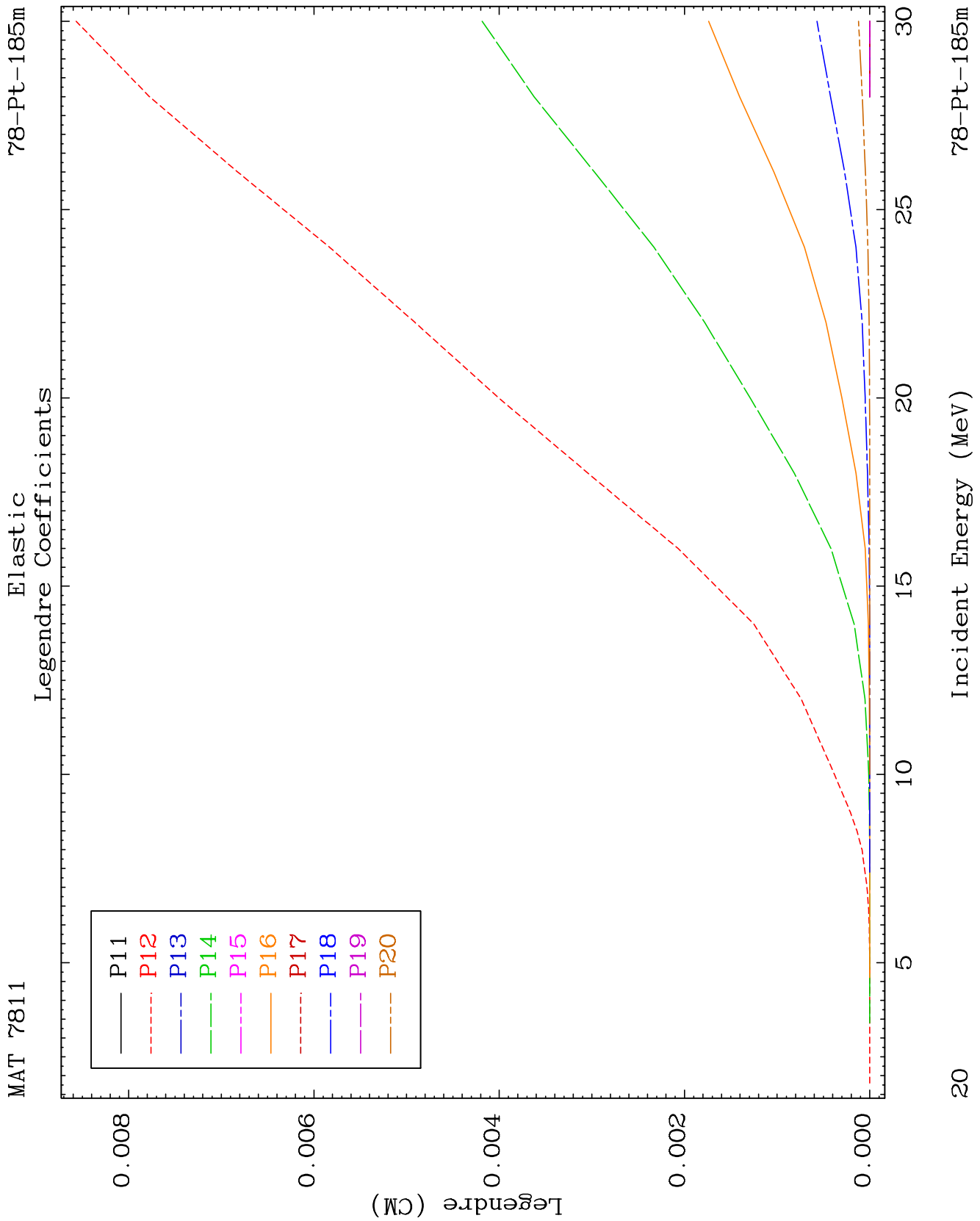
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(n,α) Levels  
293 Kelvin Cross Sections

78-Pt-185m







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Elastic Legendre Coefficients

78-Pt-185m

20

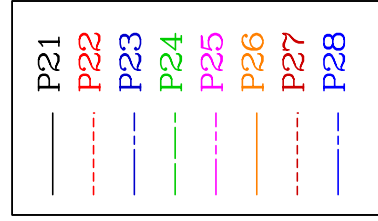
Incident Energy (MeV)

78-Pt-185m

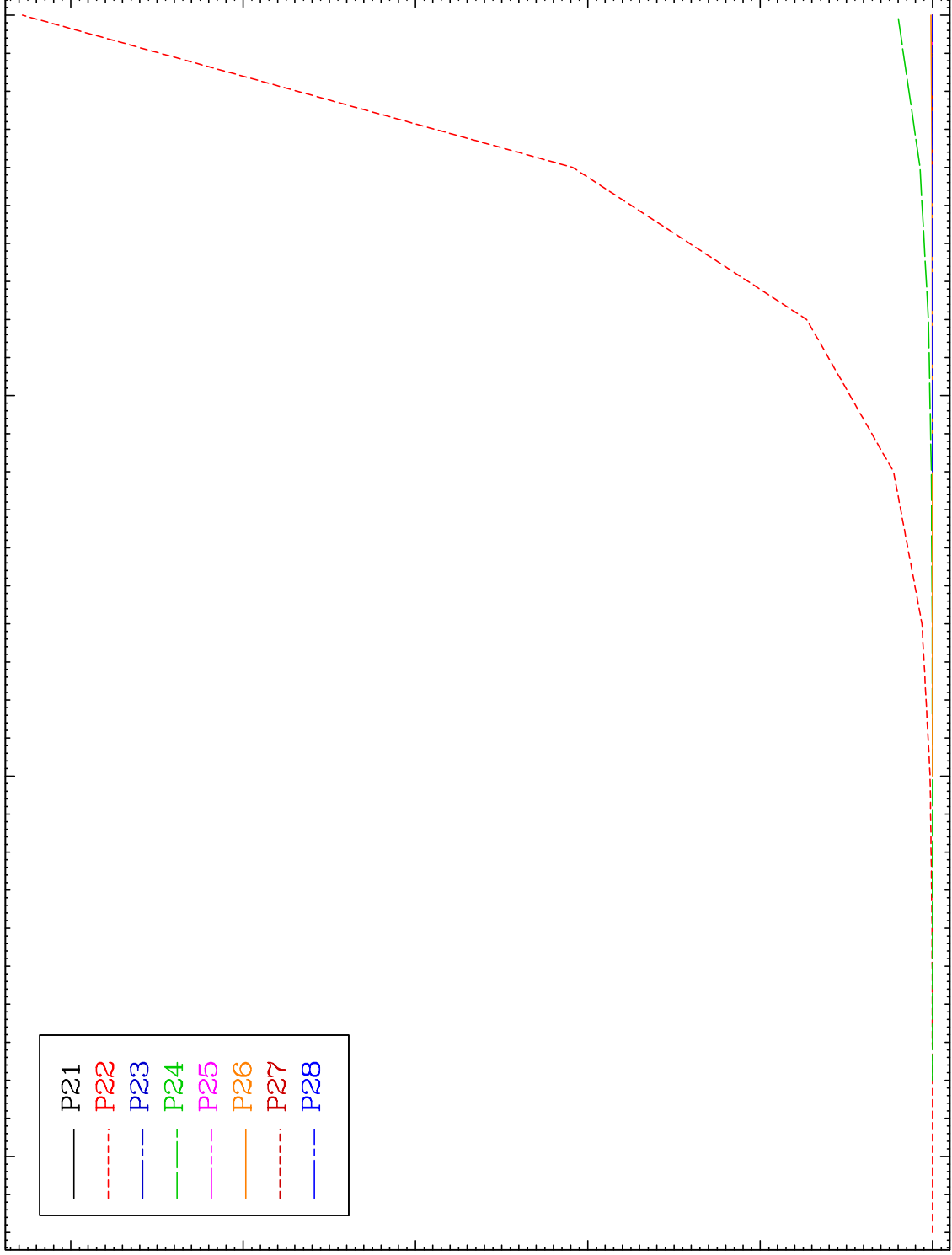
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Elastic  
Legendre Coefficients

78-Pt-185m



Legendre (CM)  
 $\times 10^{-5}$



21

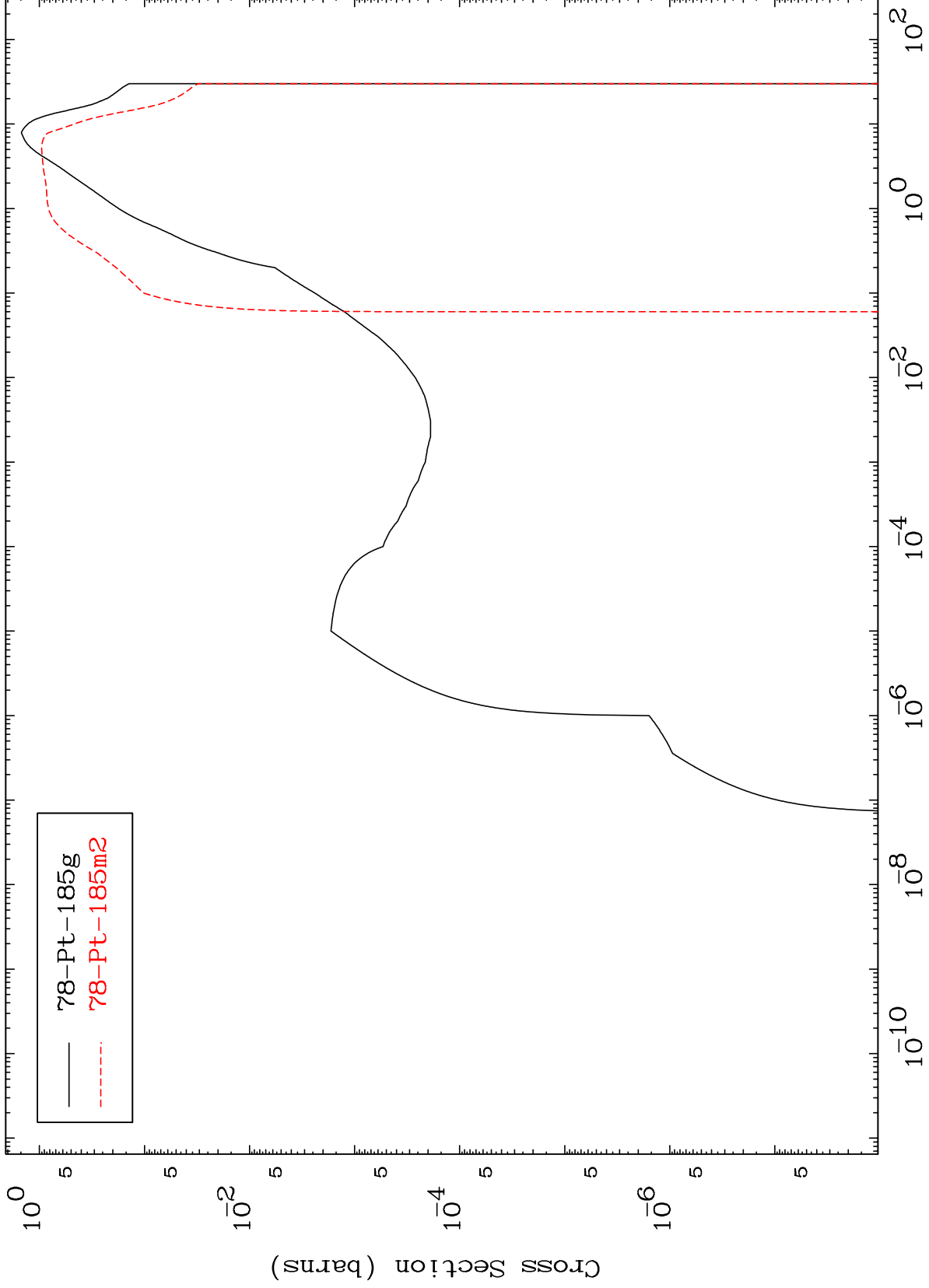
Incident Energy (MeV)

78-Pt-185m

MAT 7811

Inelastic  
Radionuclide Production Cross Section

78-Pt-185m

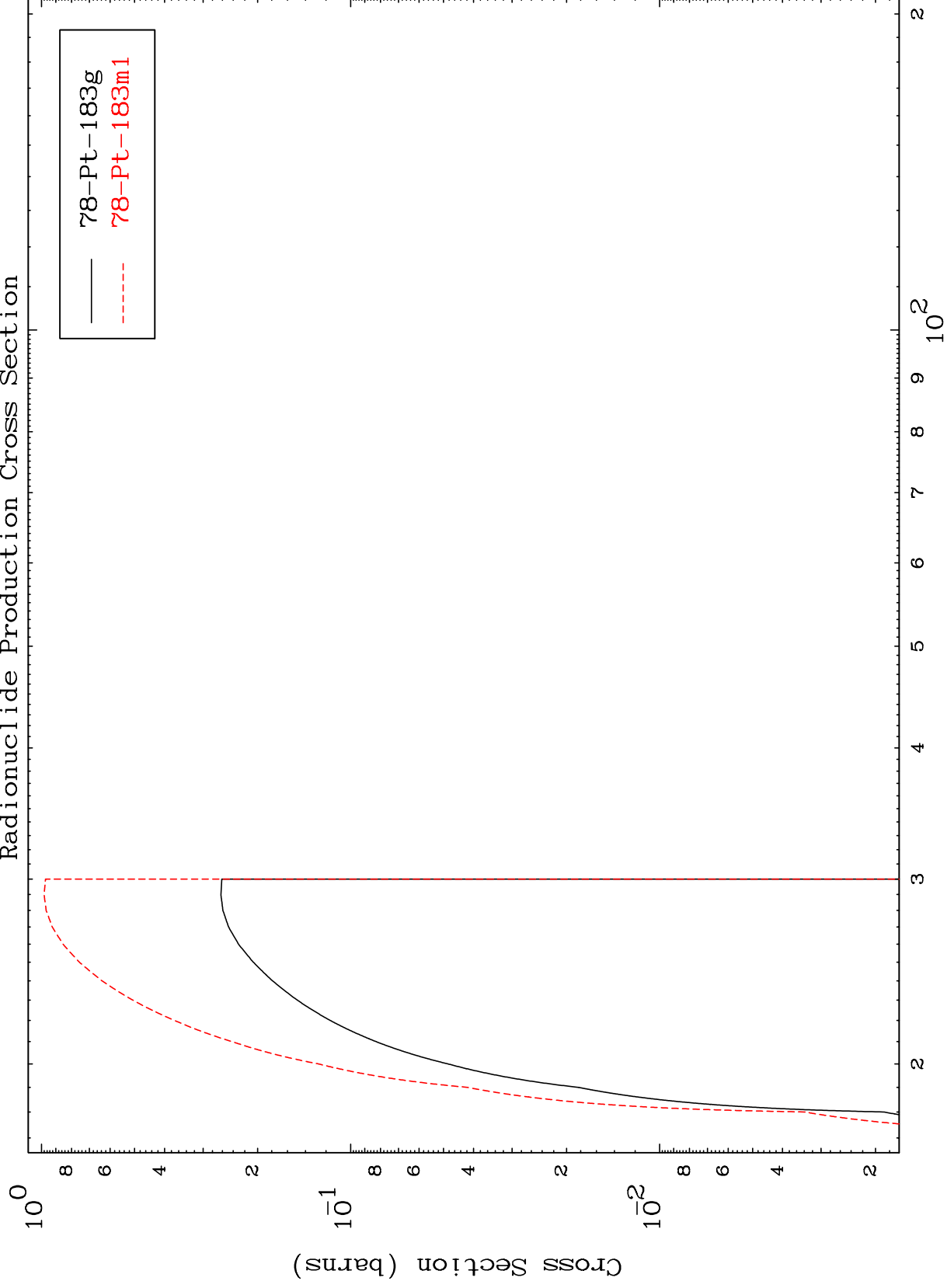


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78-Pt-185m

(n,3n)

Radionuclide Production Cross Section



78-Pt-185m

Incident Energy (MeV)

23

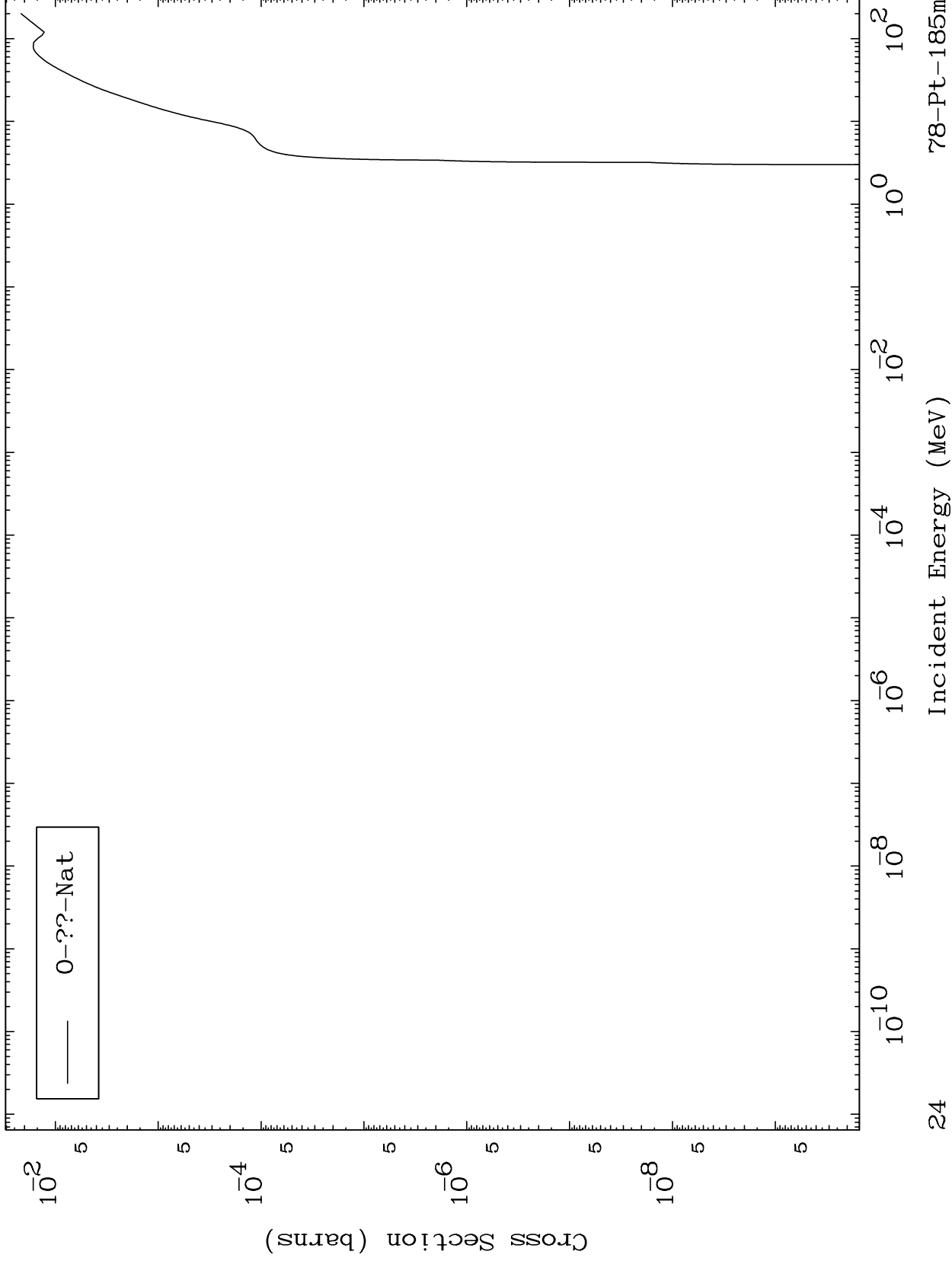


MAT 7811

Fission

78-Pt-185m

Radionuclide Production Cross Section

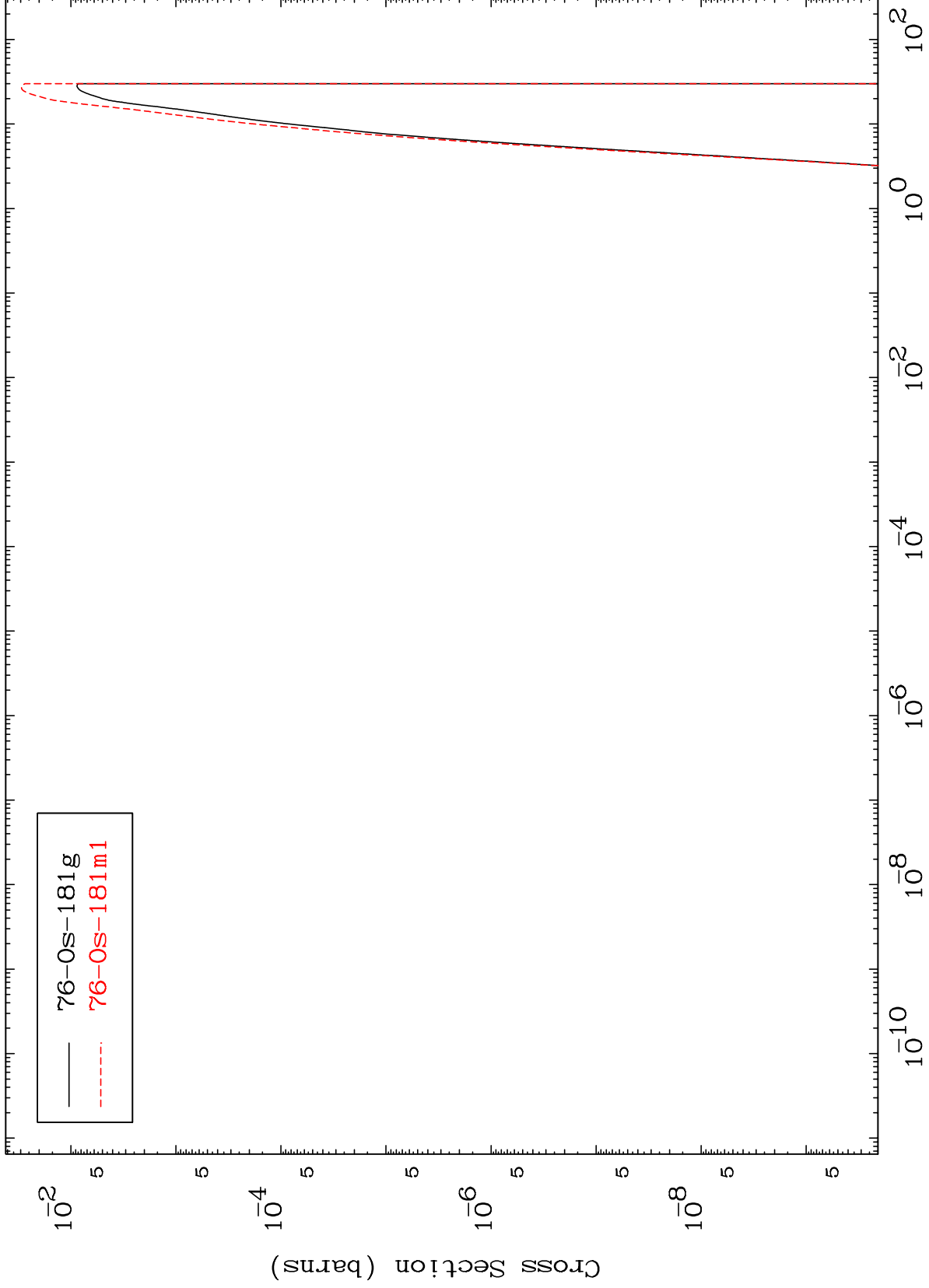


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$(n, n') \alpha$

$^{78}\text{Pt}-185\text{m}$

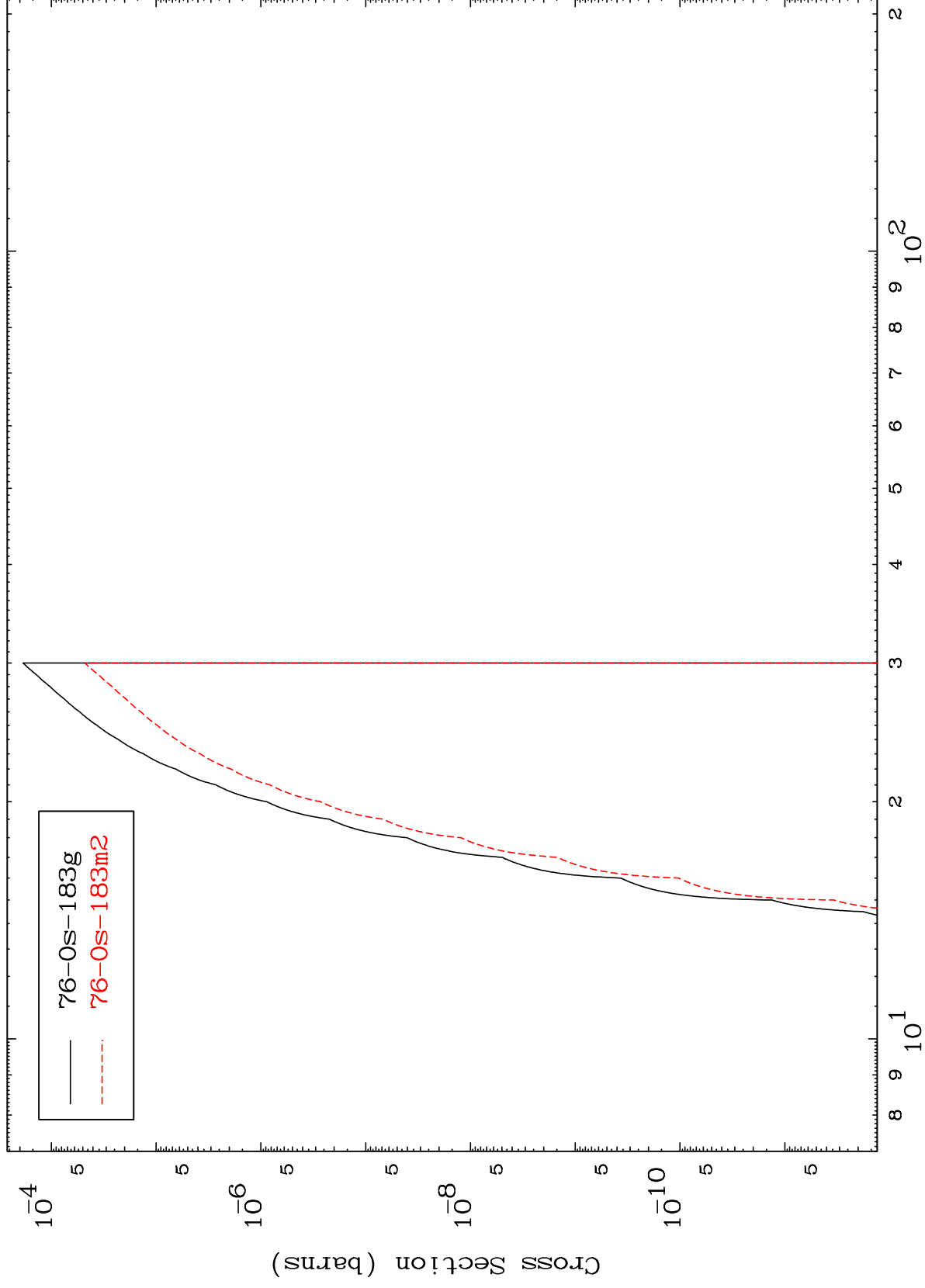
Radionuclide Production Cross Section



MAT 7811

78-Pt-185m

(n,2n) p  
Radionuclide Production Cross Section



26

Incident Energy (MeV)

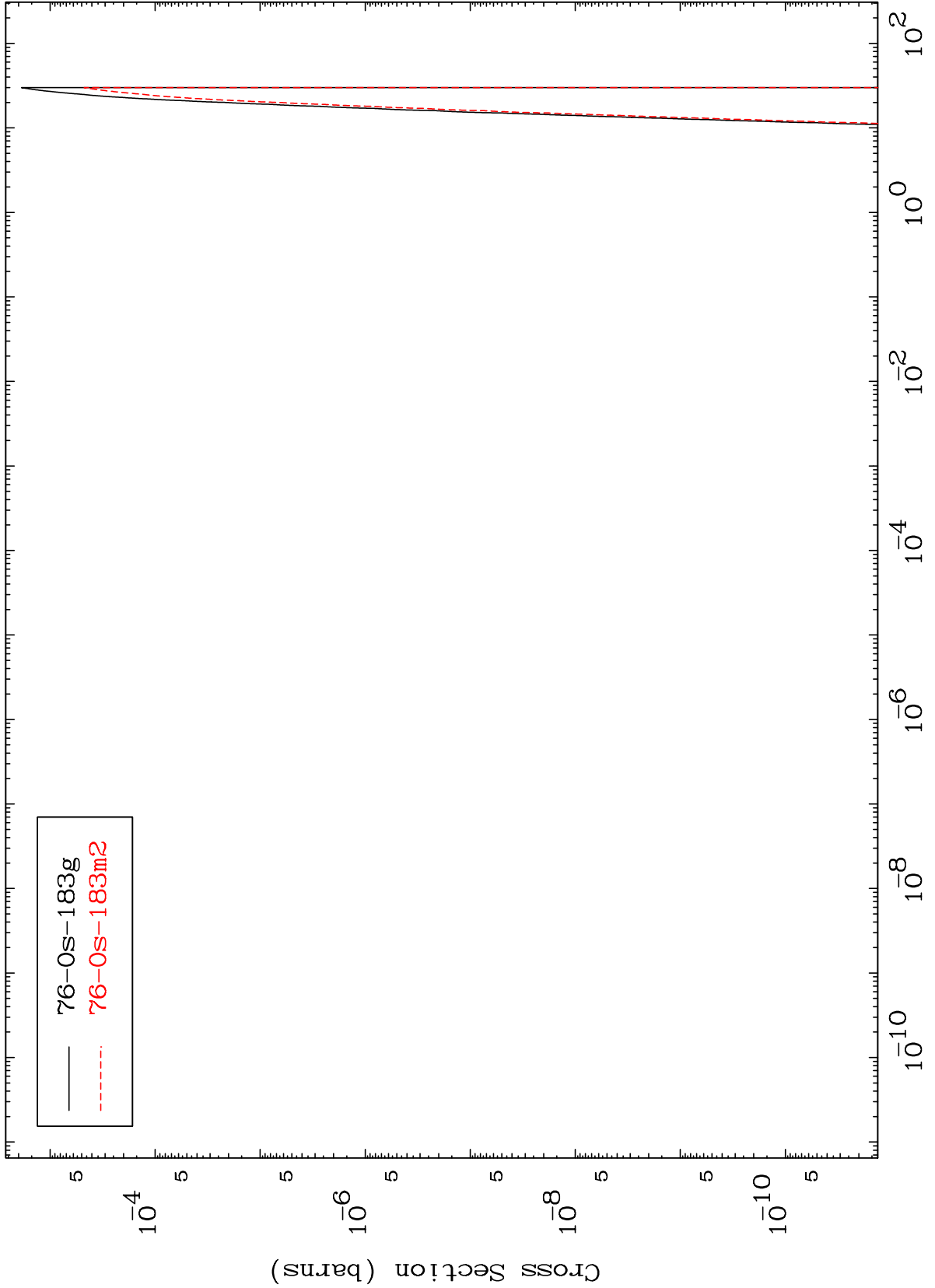
78-Pt-185m

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(n,He-3)

78-Pt-185m

Radionuclide Production Cross Section



MAT 7811

(n,p) d

78-Pt-185m

Radionuclide Production Cross Section

