

Program EVALPLOT  
(Version 2021-1)

by

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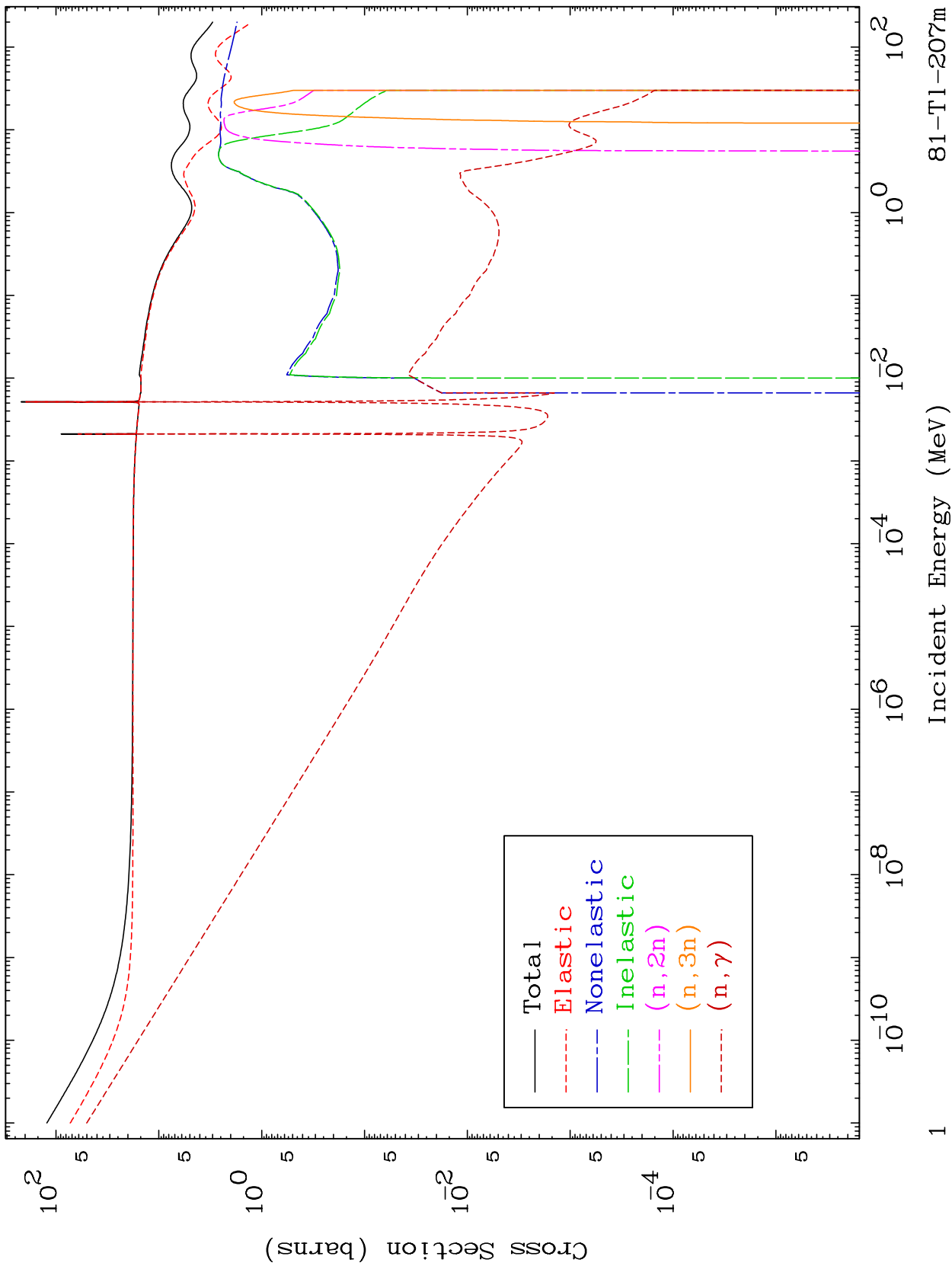
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8138

Neutron Major  
293 Kelvin Cross Sections

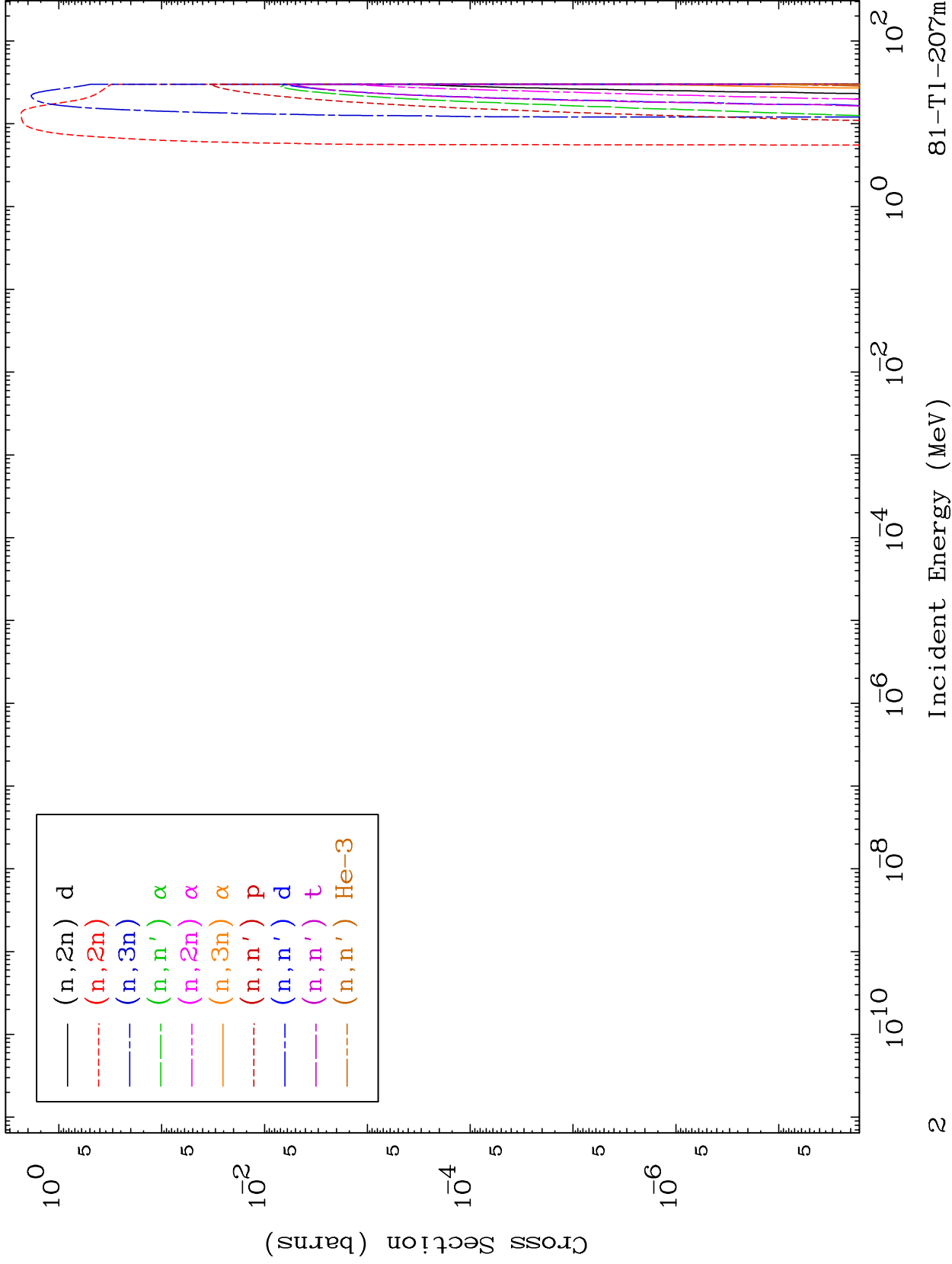
81-TI-207m



MAT 8138

Neutron Absorption  
293 Kelvin Cross Sections

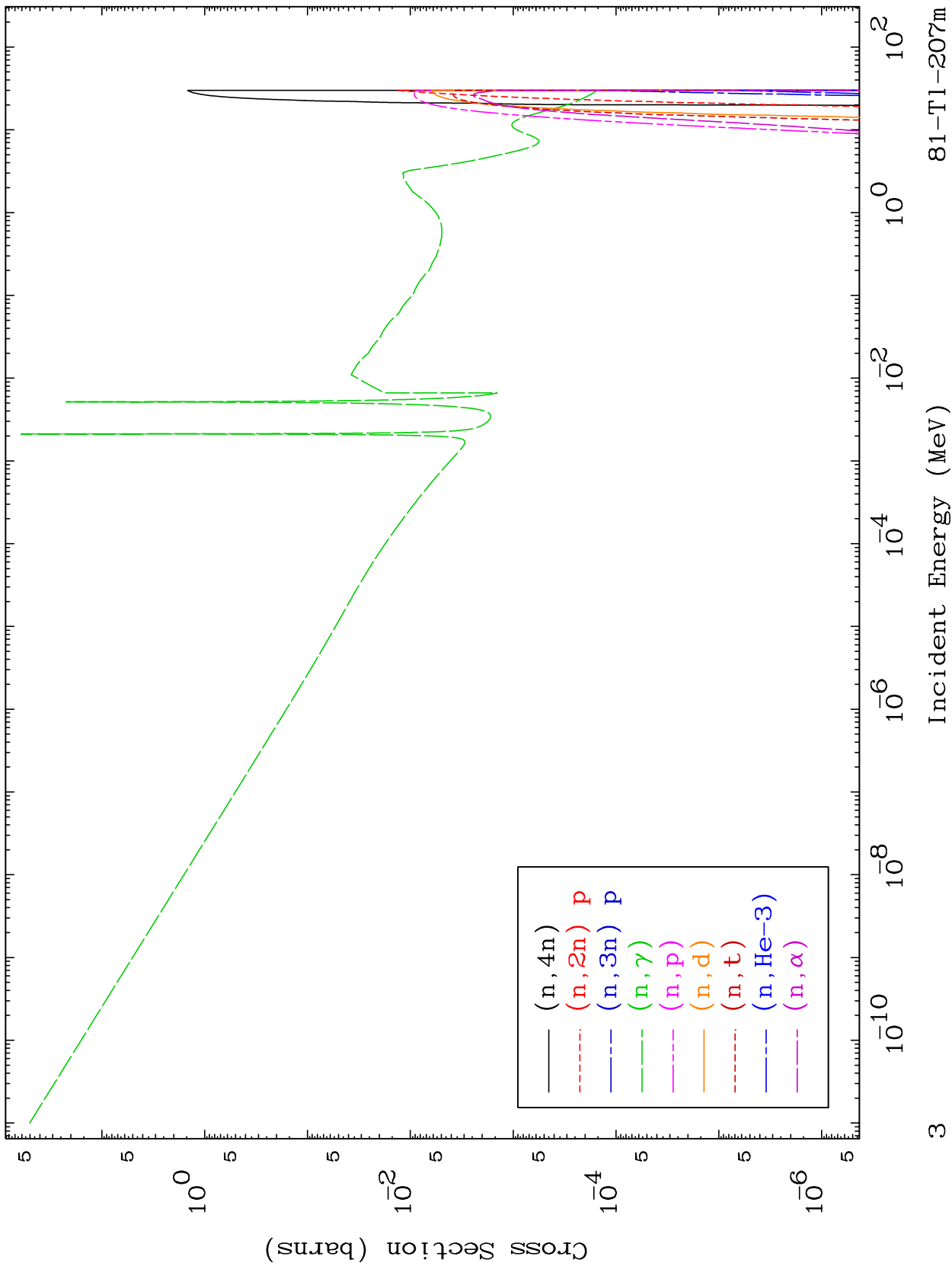
81-TI-207m



MAT 8138

Neutron Absorption  
293 Kelvin Cross Sections

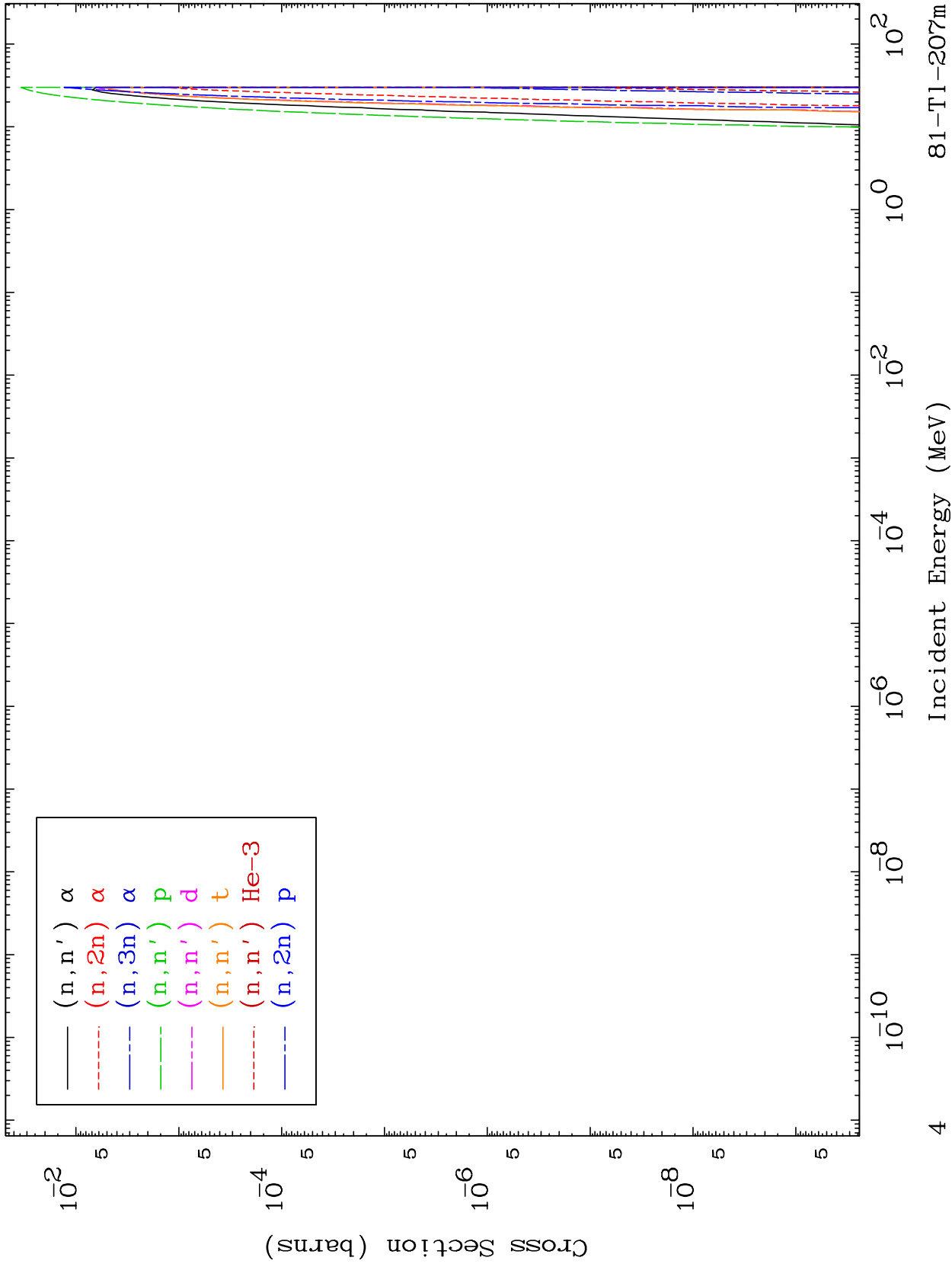
81-Tl-207m



MAT 8138

Charged Particle  
293 Kelvin Cross Sections

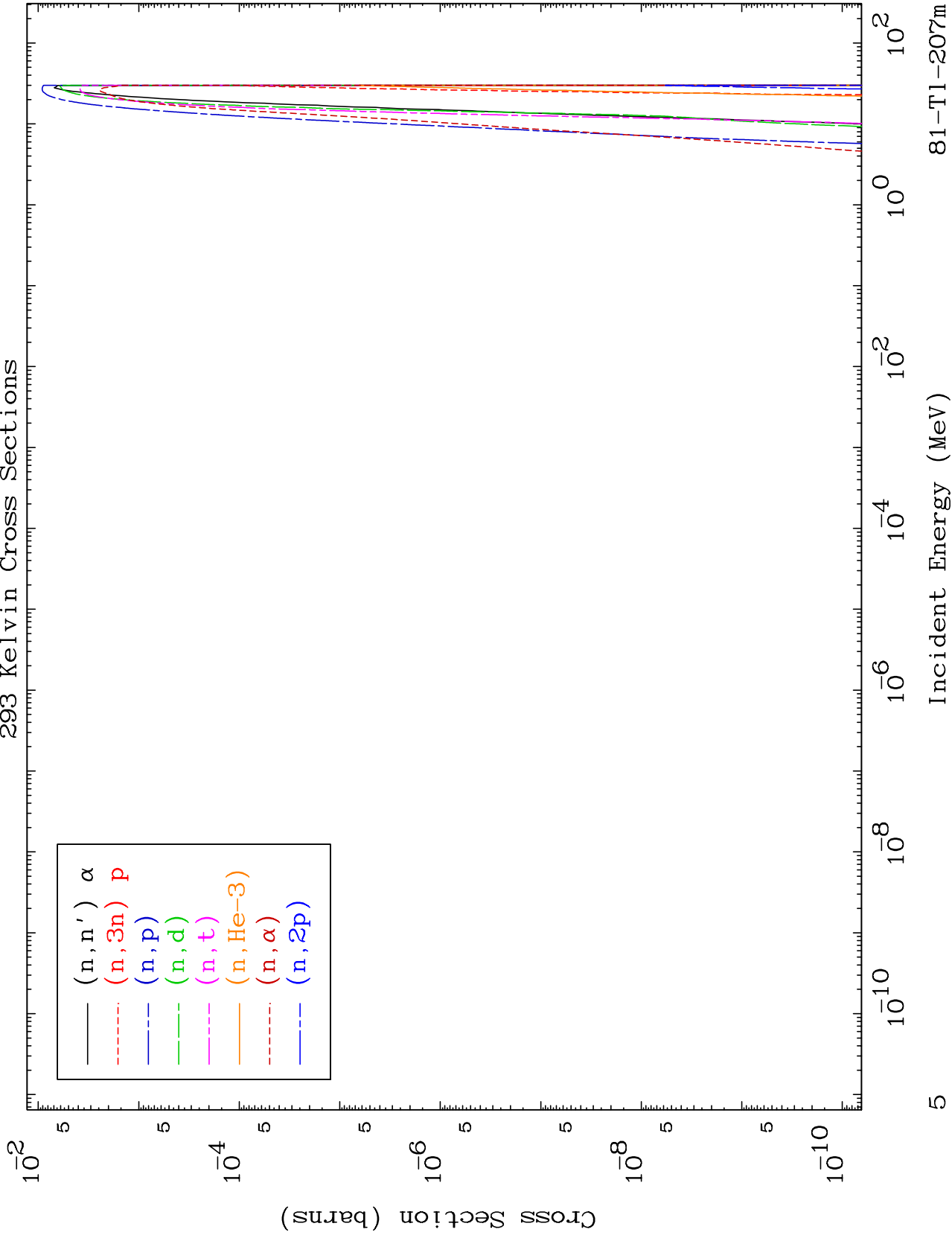
81-Tl-207m



MAT 8138

Charged Particle  
293 Kelvin Cross Sections

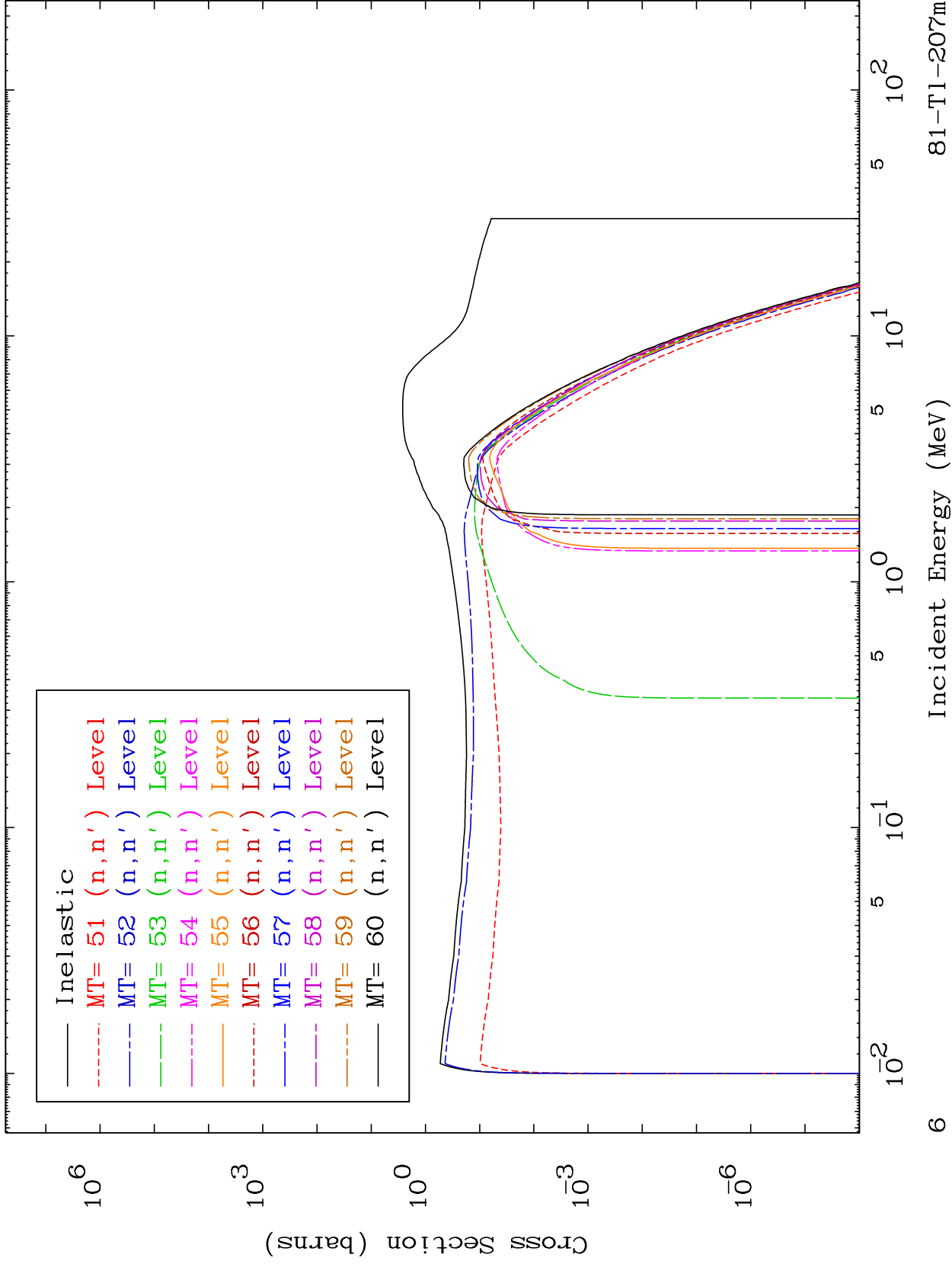
81-Tl-207m



MAT 8138

(n,n') Levels  
293 Kelvin Cross Sections

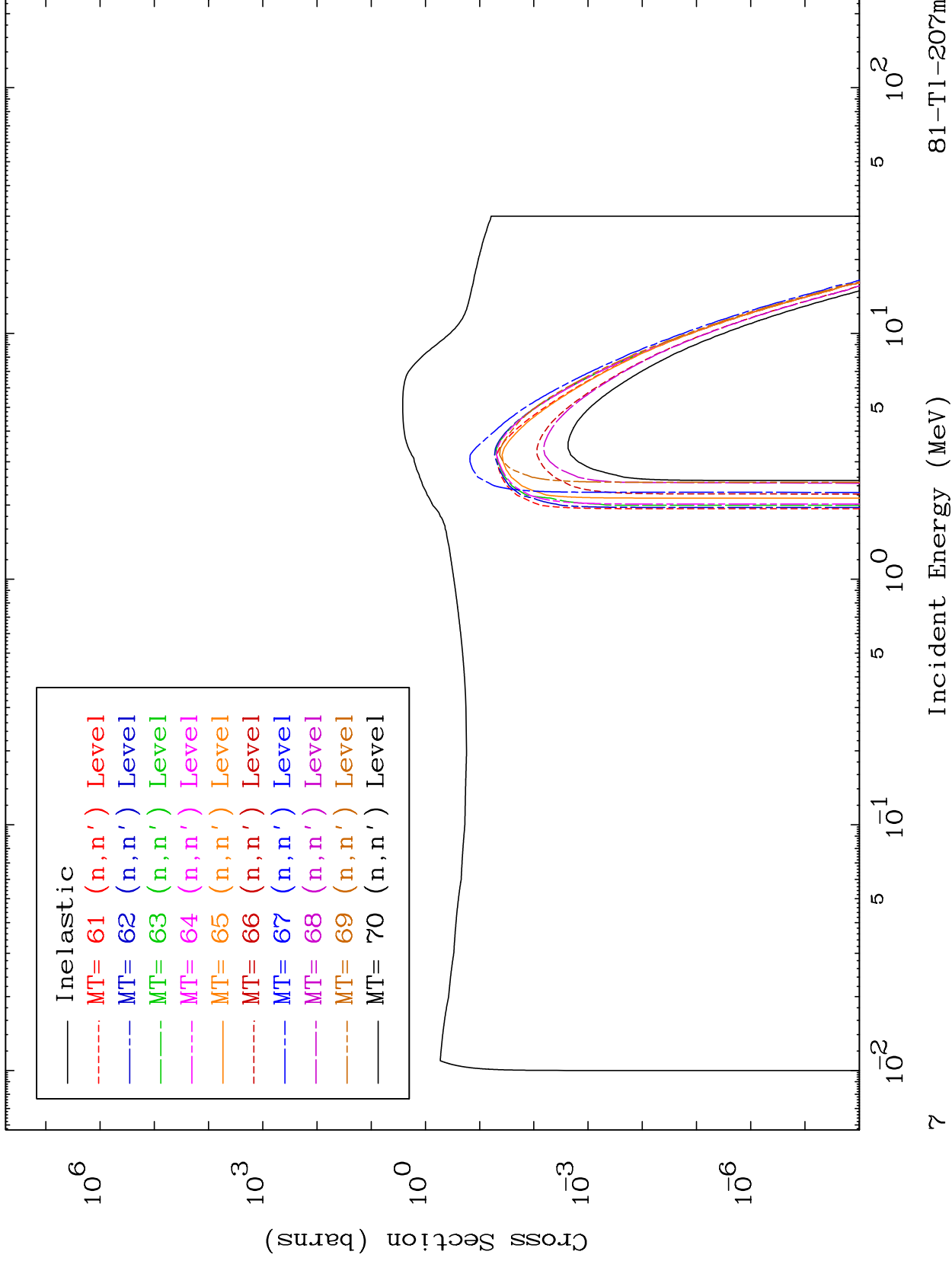
81-TI-207m



MAT 8138

(n,n') Levels  
293 Kelvin Cross Sections

81-TI-207m

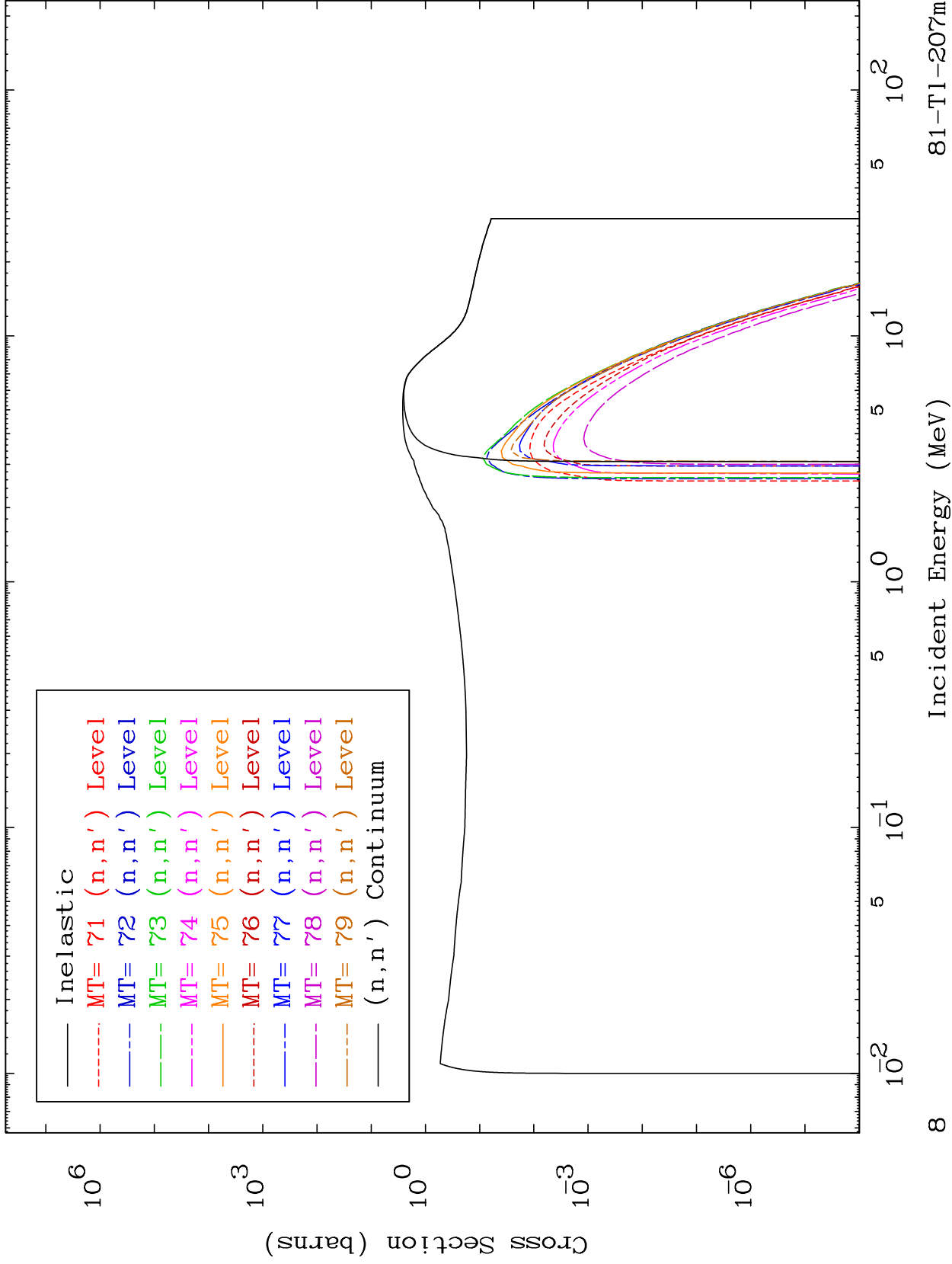




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(n,n') Levels  
293 Kelvin Cross Sections

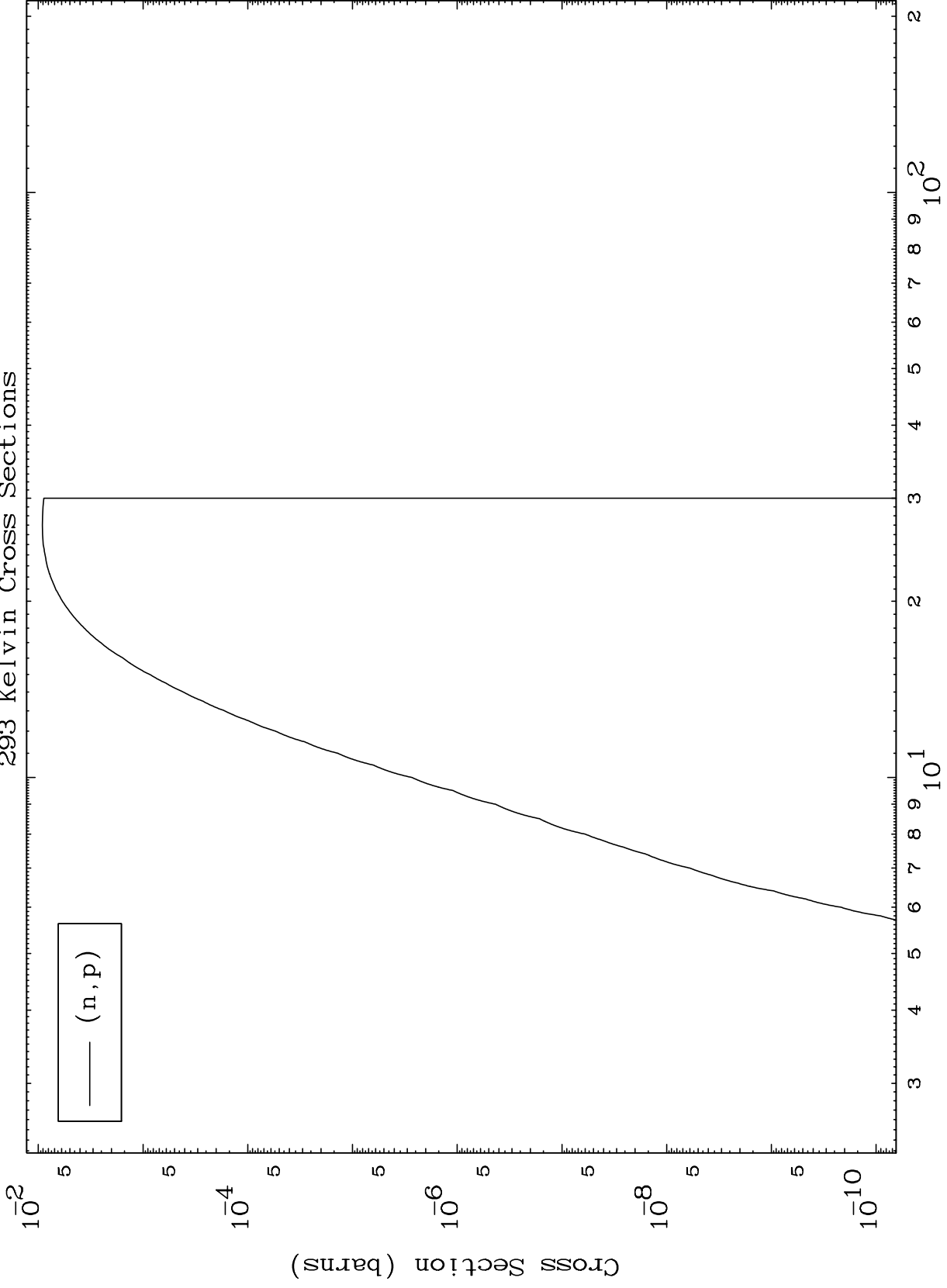
81-TI-207m



MAT 8138

(n,p) Levels  
293 Kelvin Cross Sections

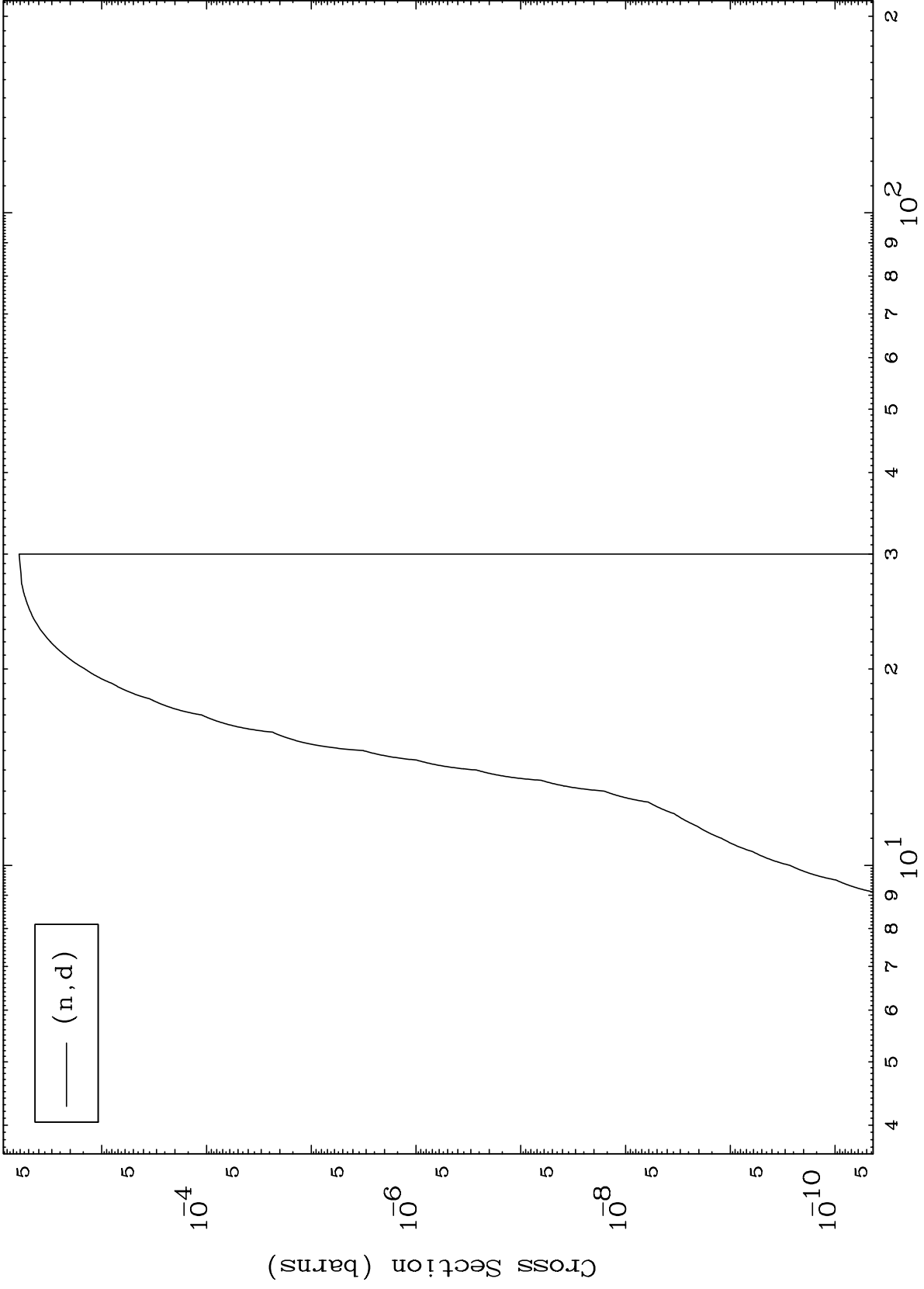
81-Tl-207m



MAT 8138

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-207m



10

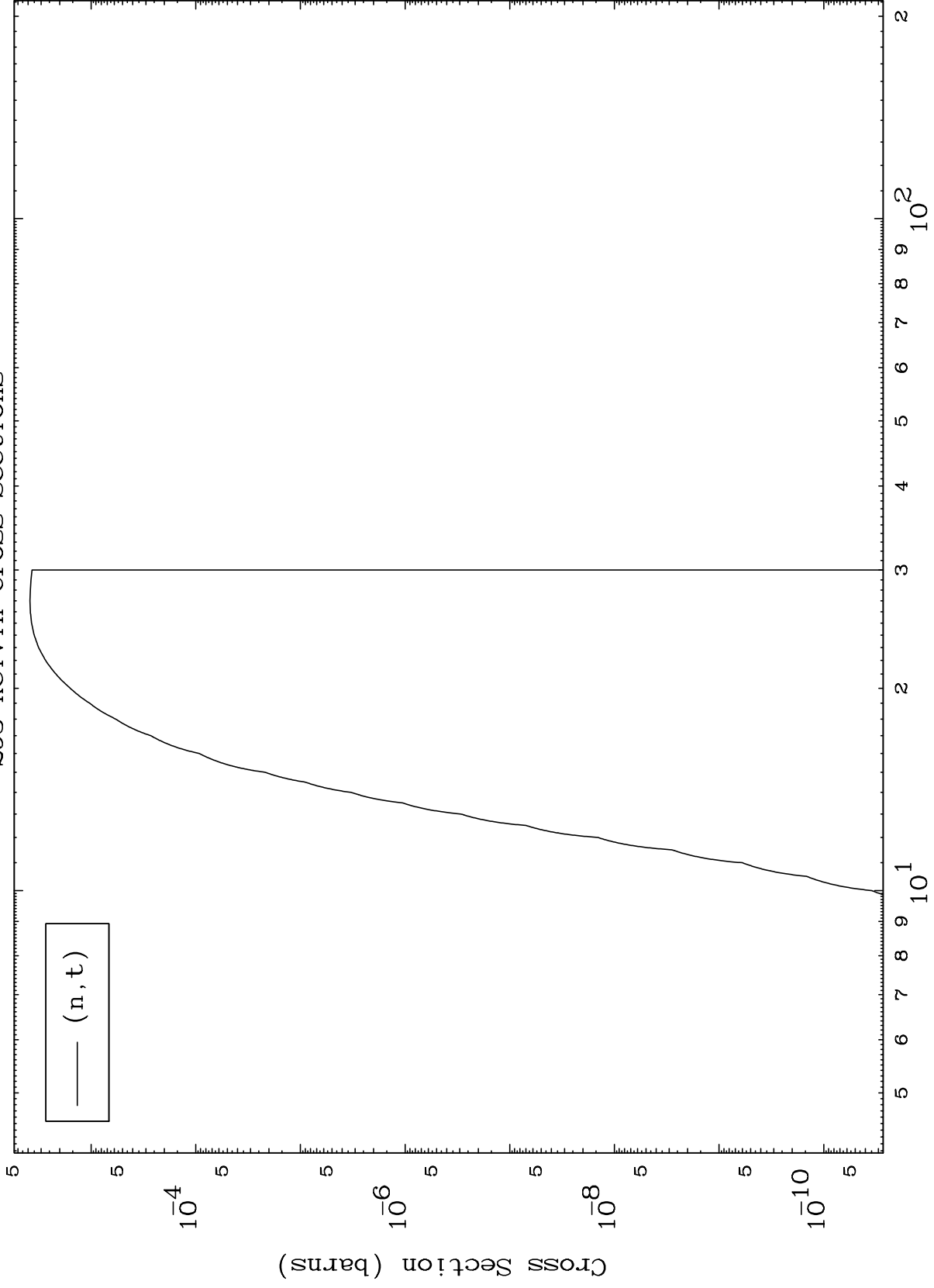
Incident Energy (MeV)

81-Tl-207m

MAT 8138

(n,t) Levels  
293 Kelvin Cross Sections

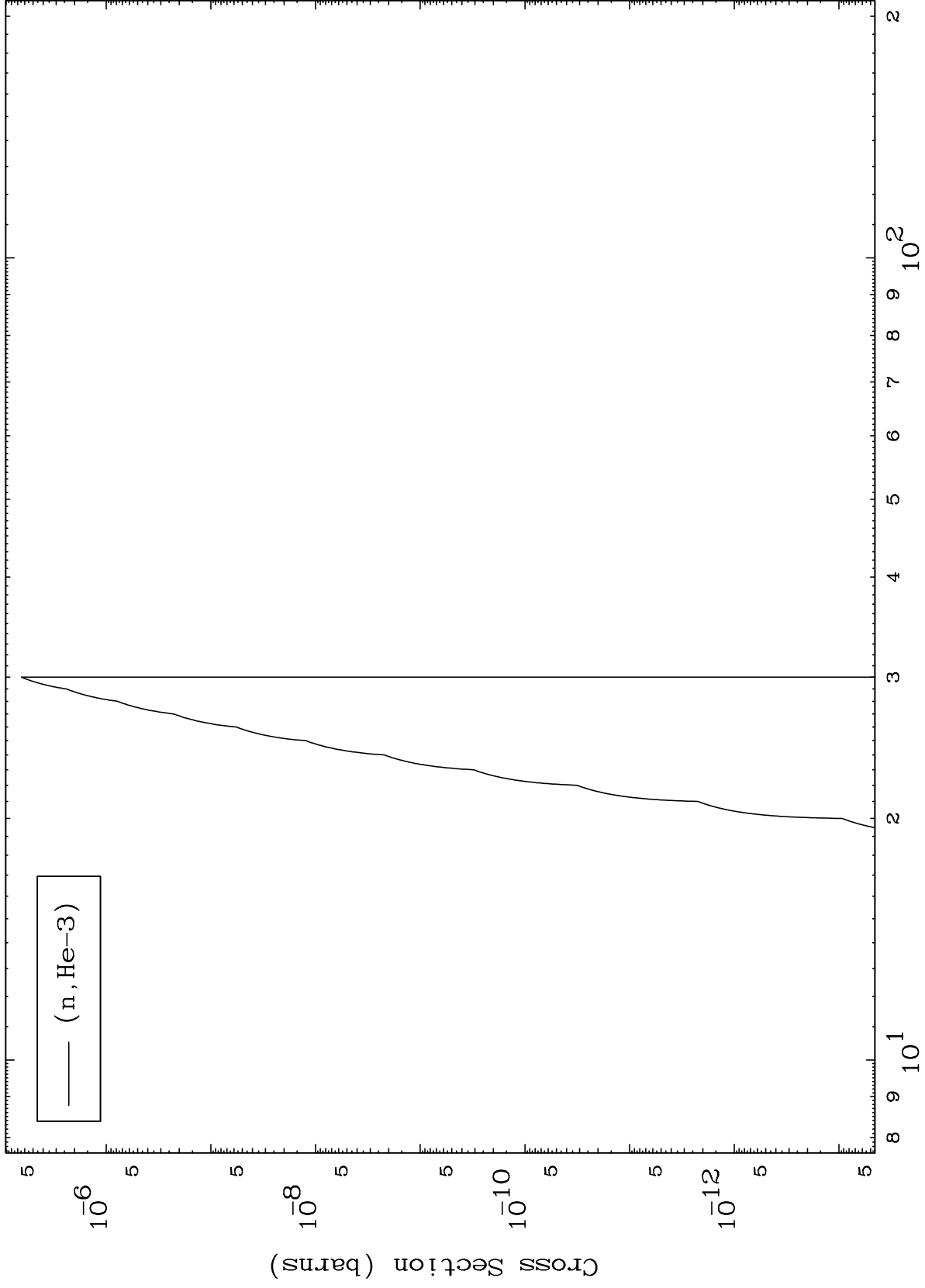
81-Tl-207m



MAT 8138

(n,He3) Levels  
293 Kelvin Cross Sections

81-TI-207m



12

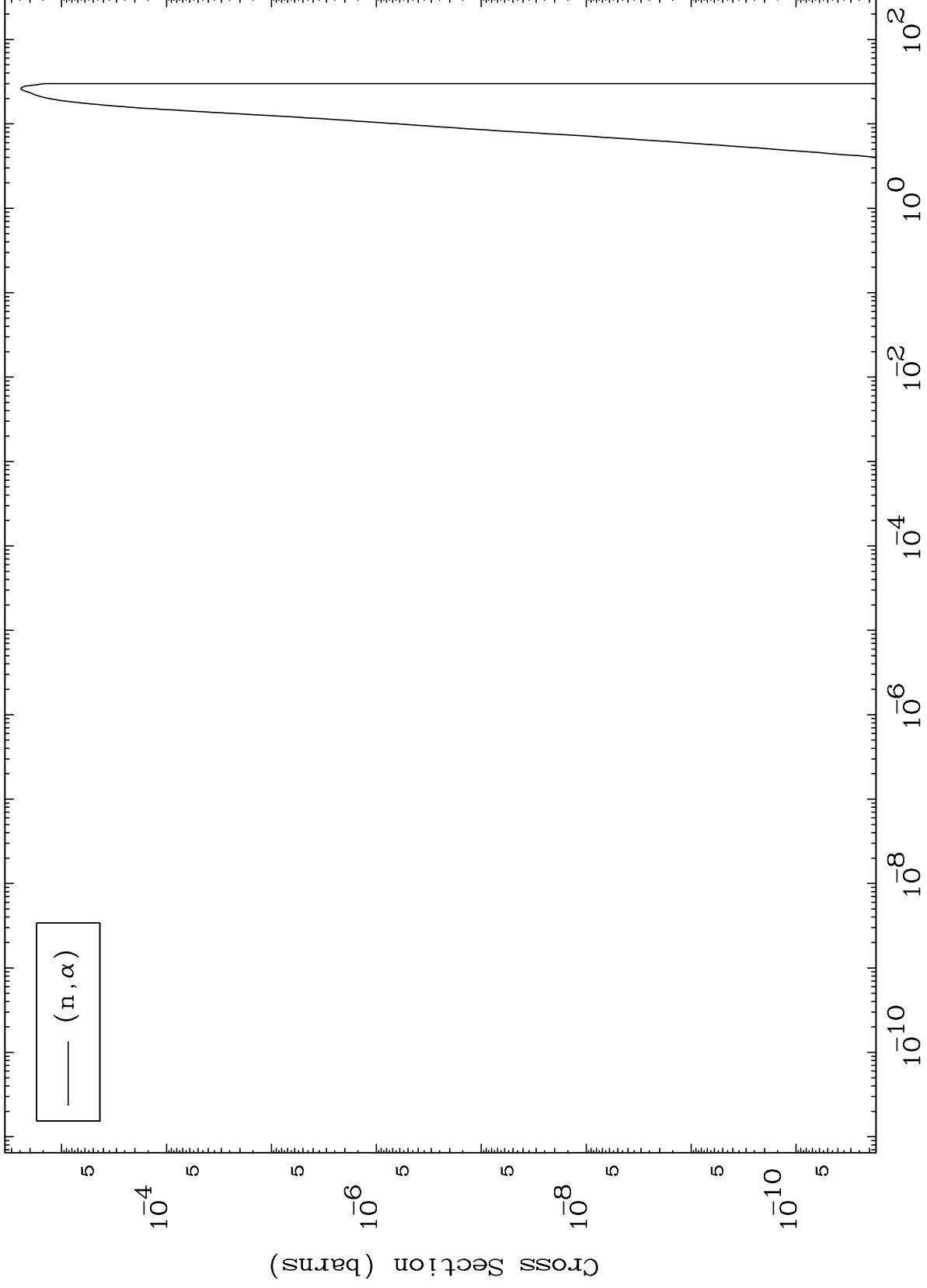
Incident Energy (MeV)

81-TI-207m

MAT 8138

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

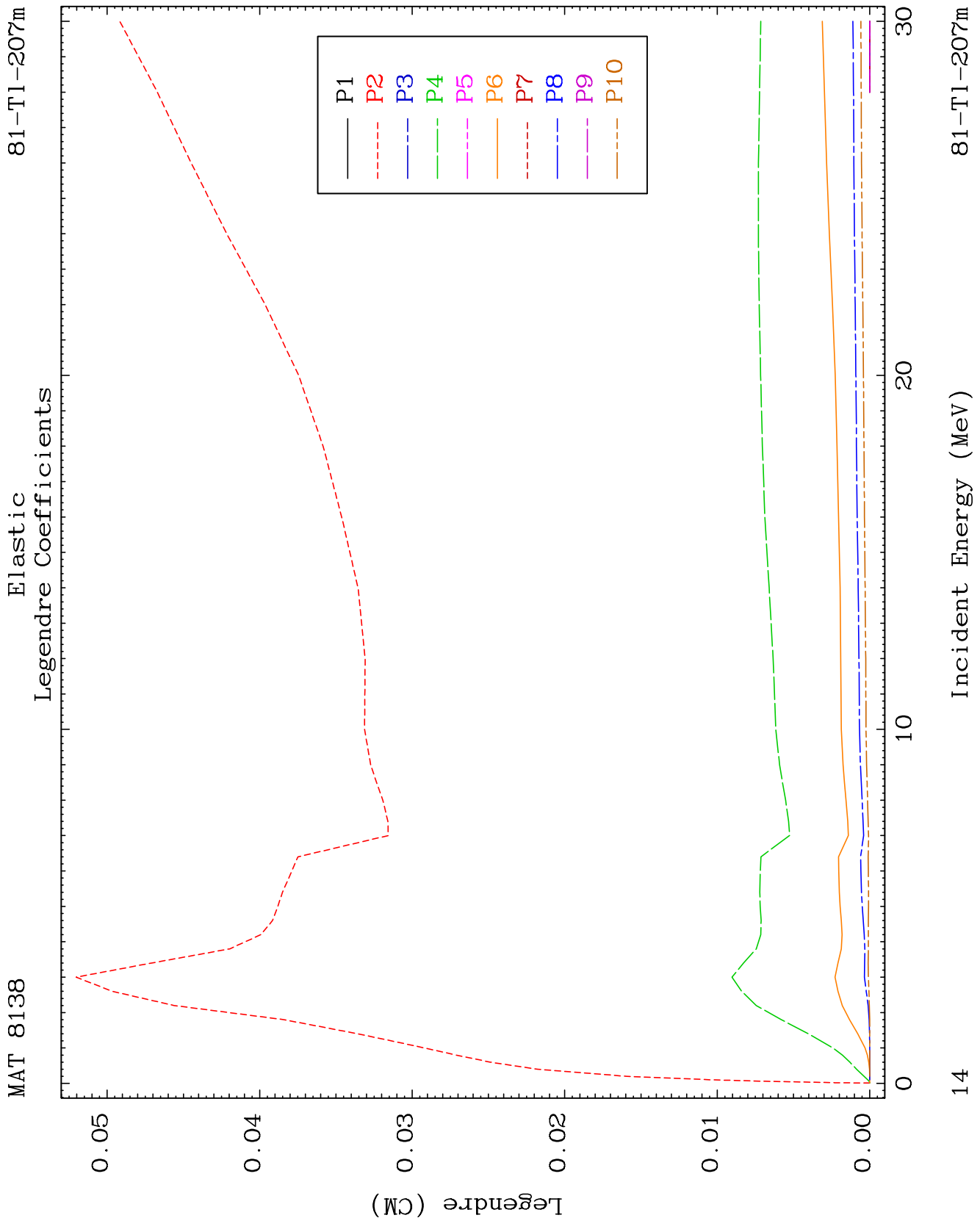
81-Tl-207m



13

Incident Energy (MeV)

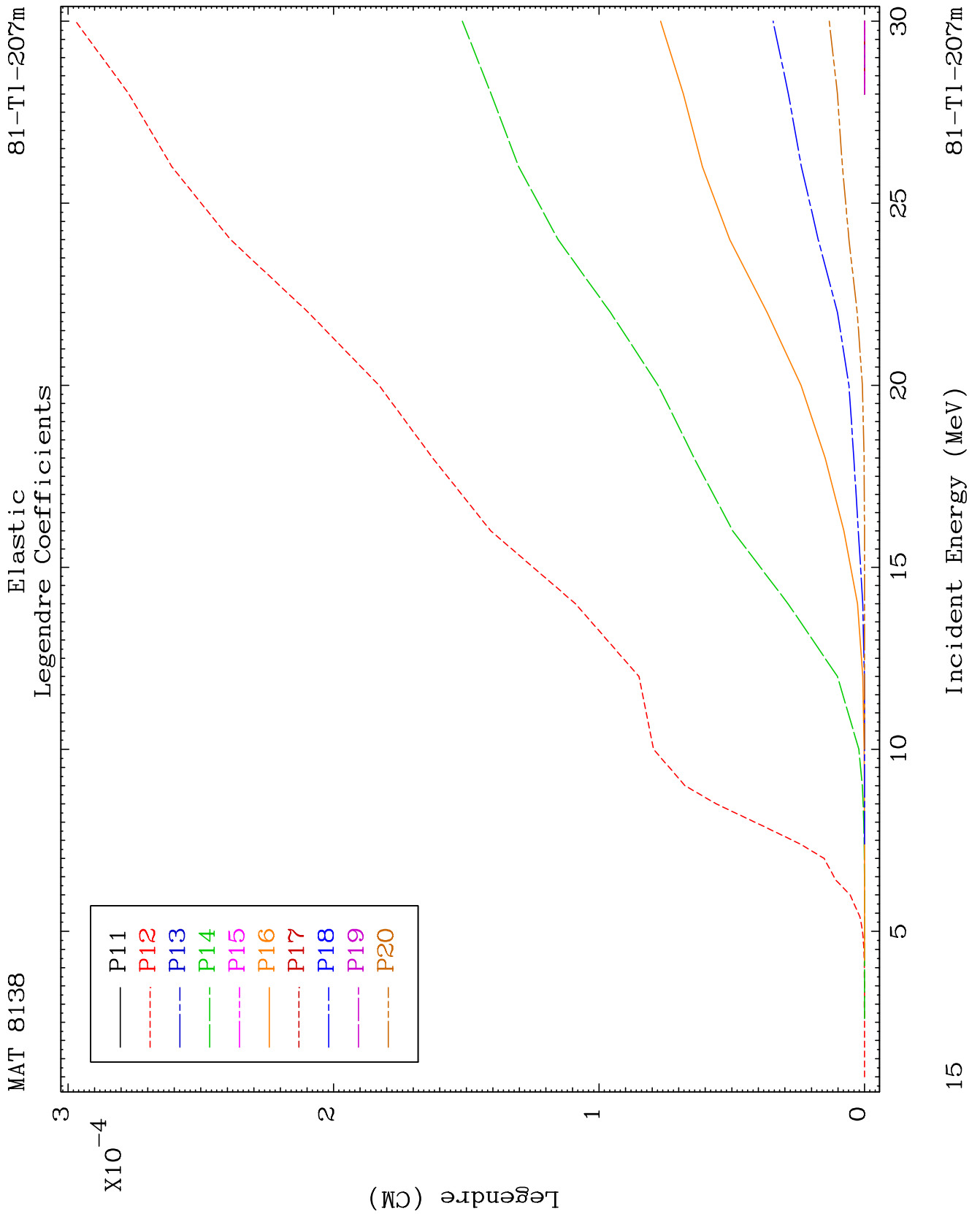
81-Tl-207m



81-TI-207m

Incident Energy (MeV)

14

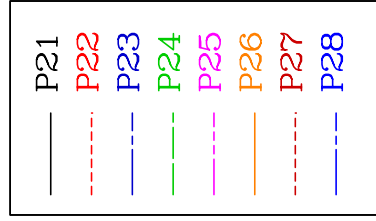




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Elastic  
Legendre Coefficients

81-TI-207m



Legendre (CM)  
 $\times 10^{-6}$



16

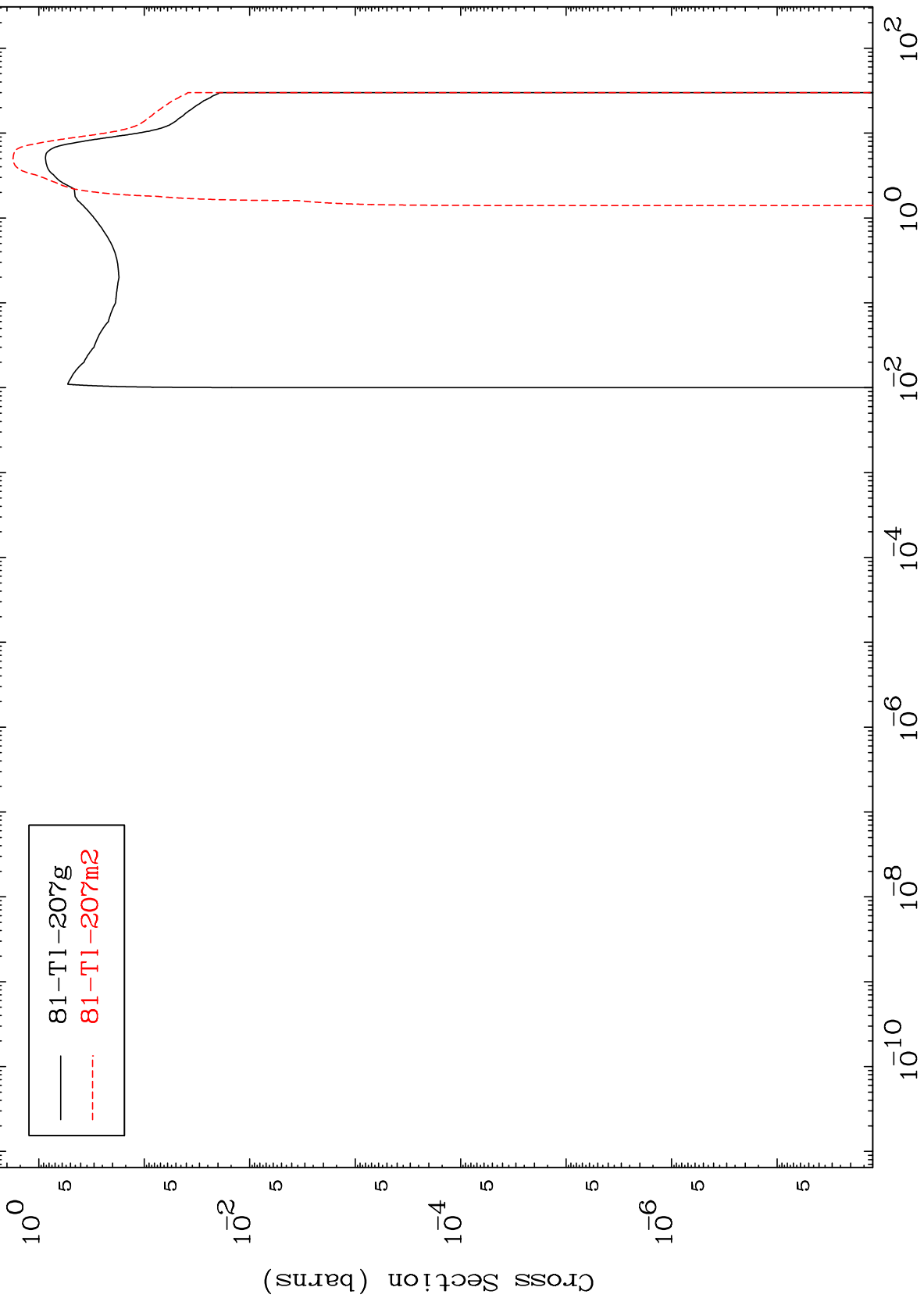
Incident Energy (MeV)

81-TI-207m

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81-Tl-207m

Inelastic  
Radionuclide Production Cross Section



81-Tl-207m

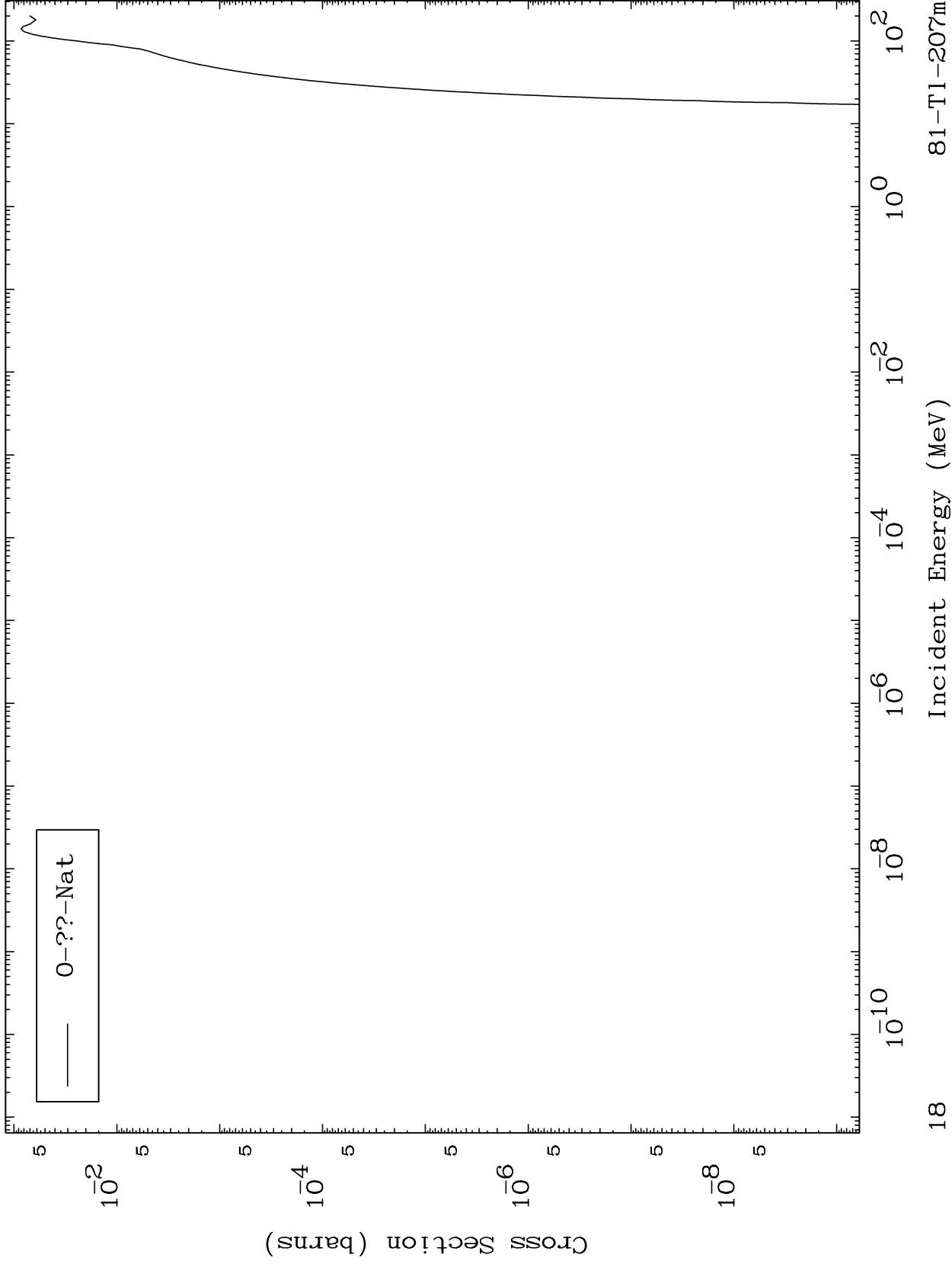
Incident Energy (MeV)

MAT 8138

Fission

81-Tl-207m

Radionuclide Production Cross Section

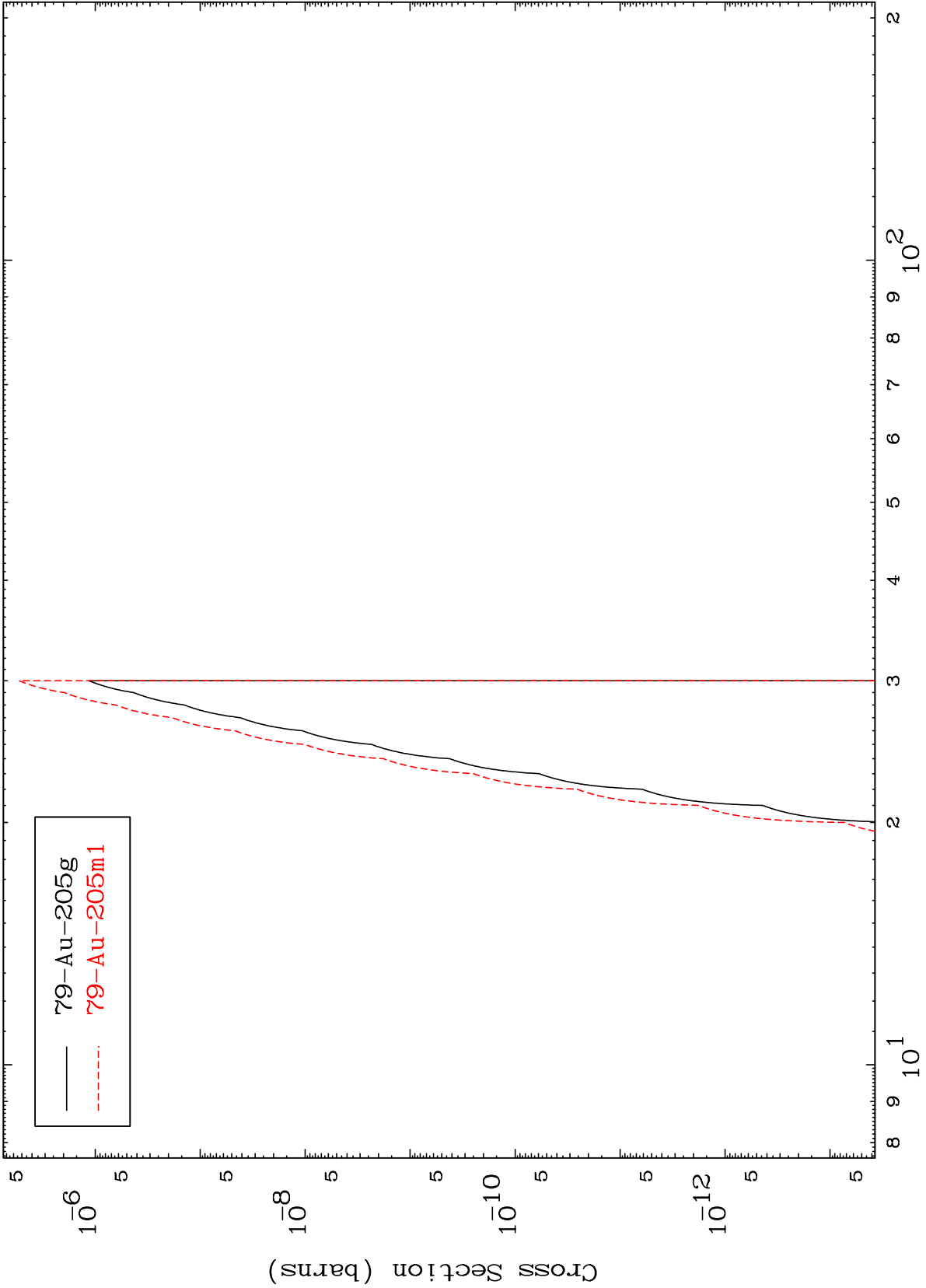


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(n,He-3)

81-Tl-207m

Radionuclide Production Cross Section



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Incident Energy (MeV)

81-Tl-207m