

Program EVALPLOT  
(Version 2017-1)

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

Web:redcullen1.net/HOMEPAGE.NEW

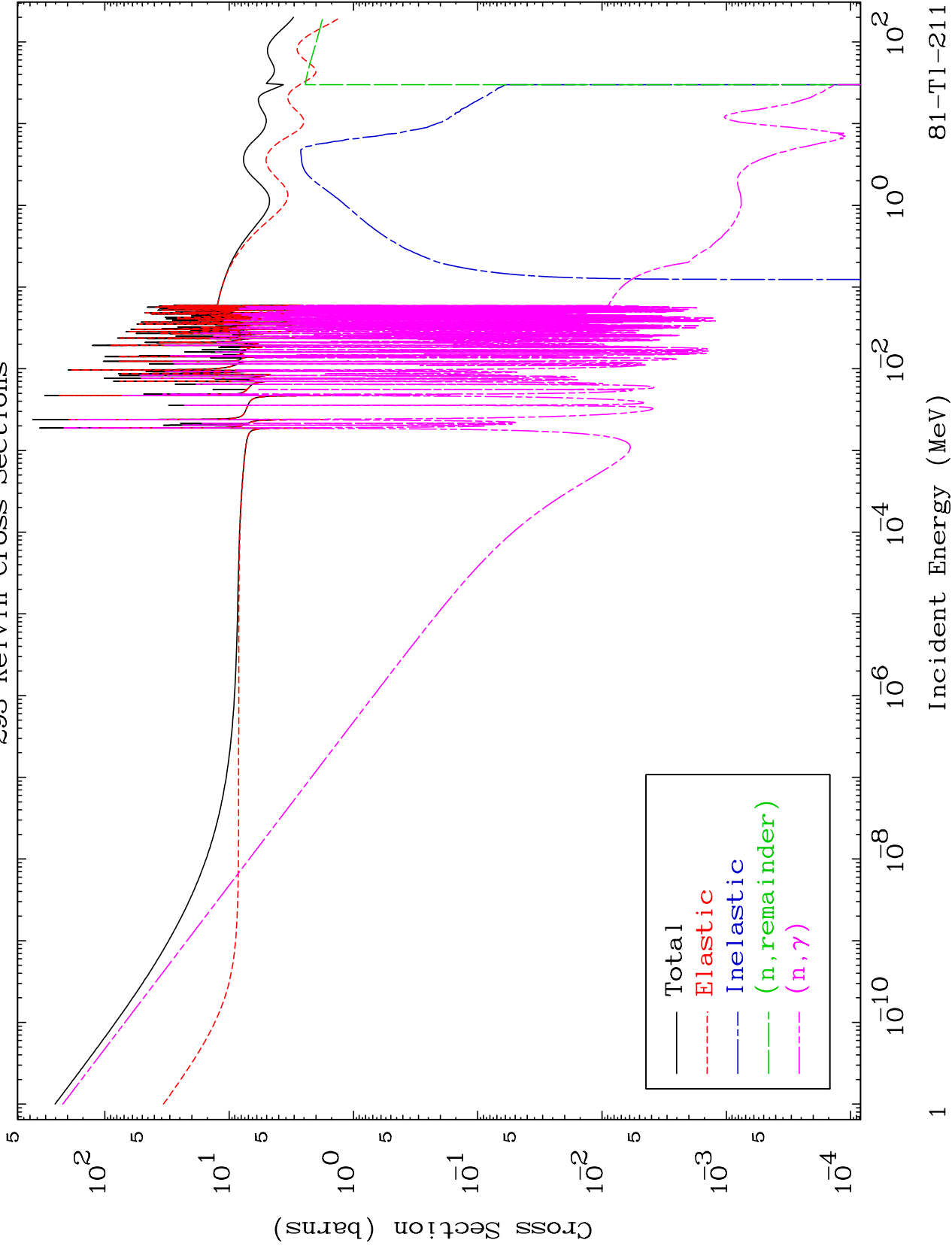
Press Mouse Button to Start

MAT 8149

Major

293 Kelvin Cross Sections

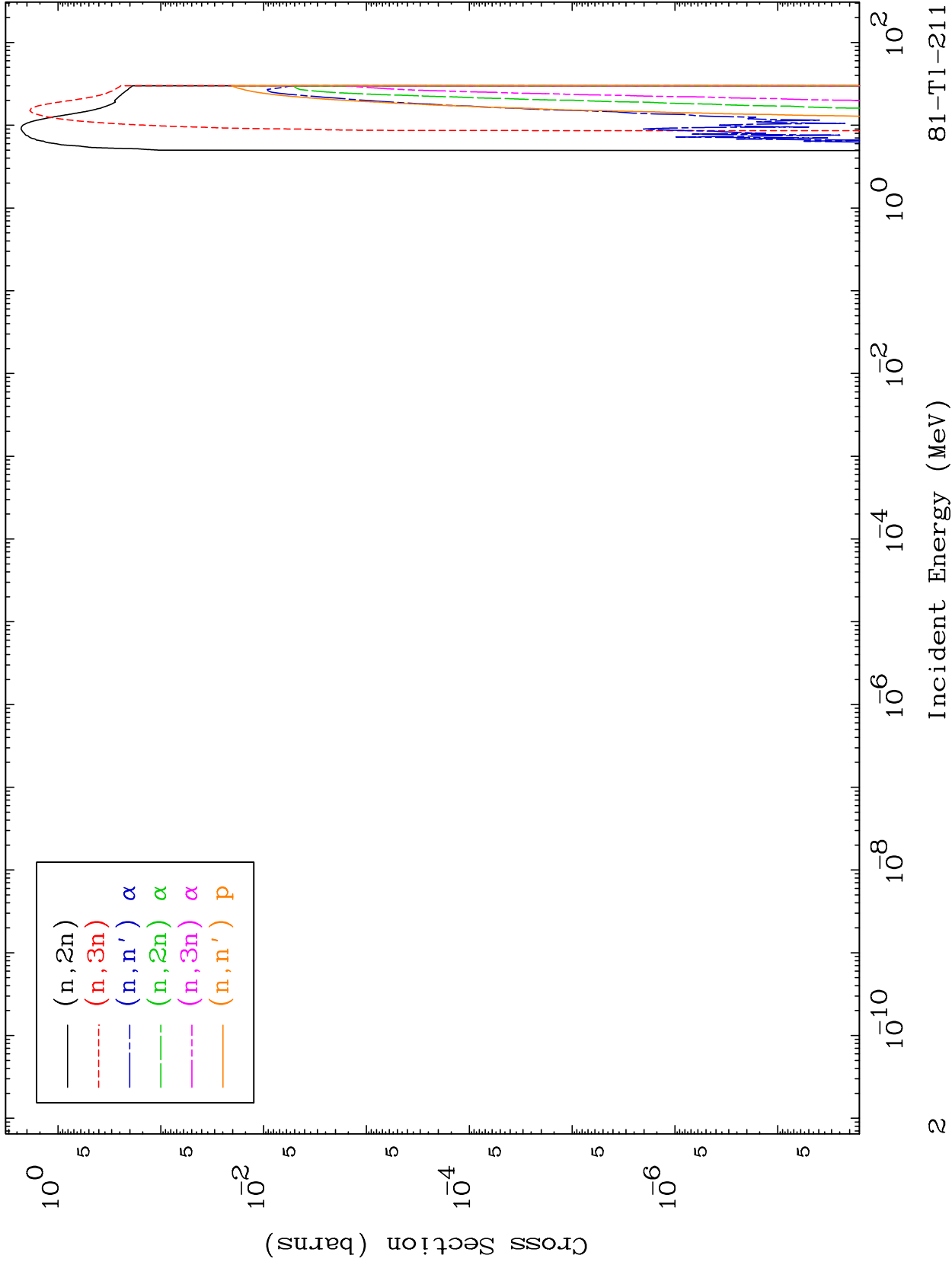
81-Tl-211

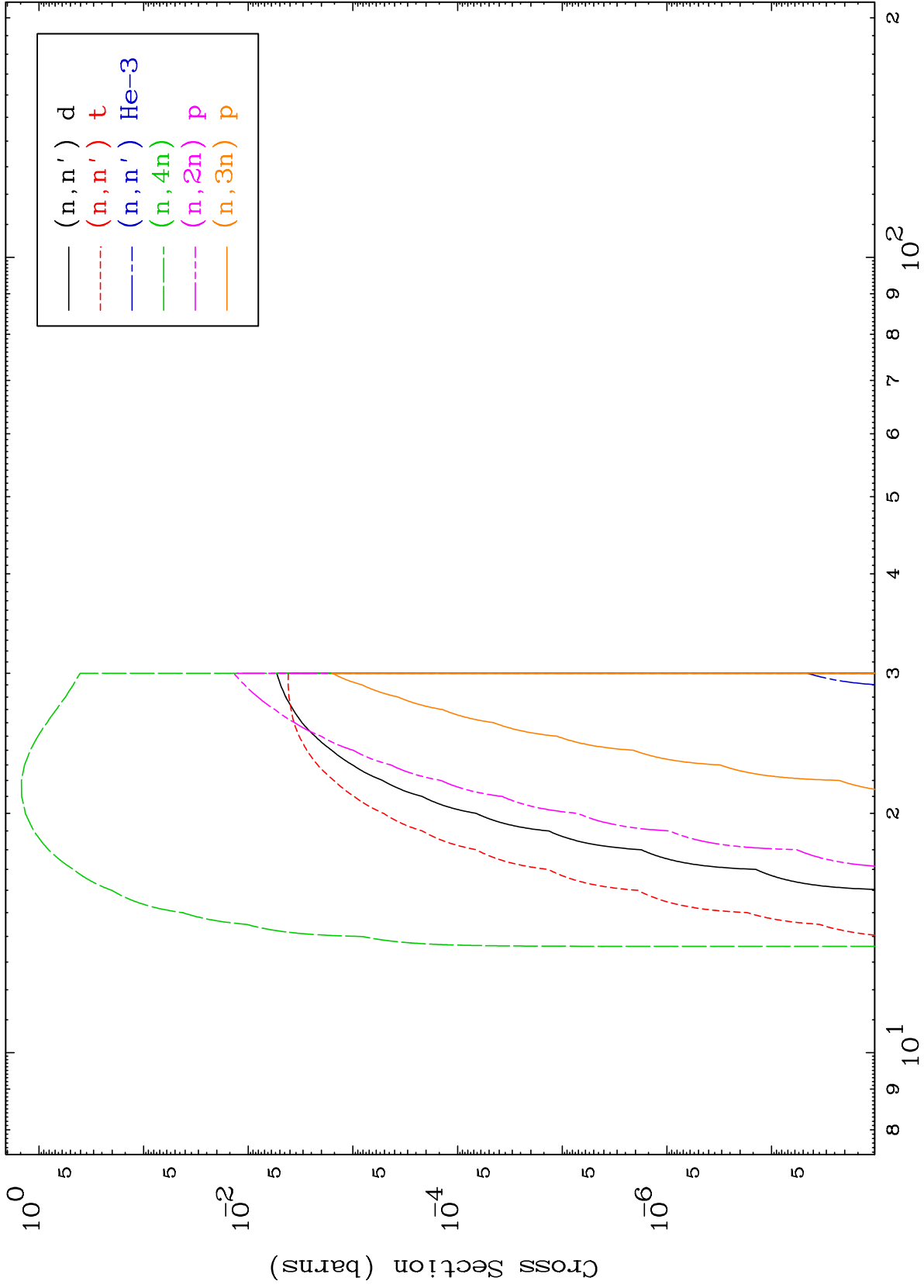


MAT 8149

Neutron Production  
293 Kelvin Cross Sections

81-Tl-211

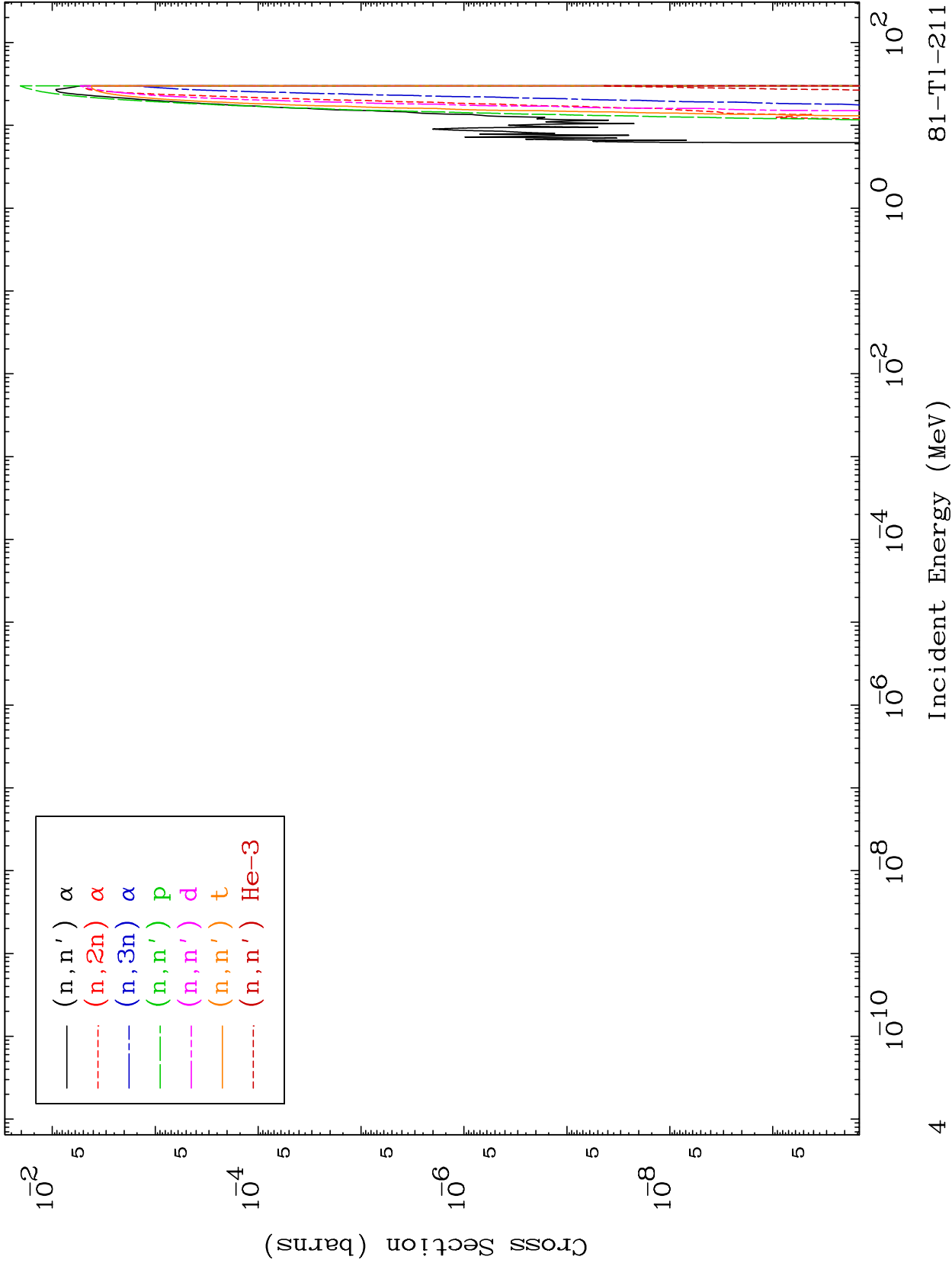


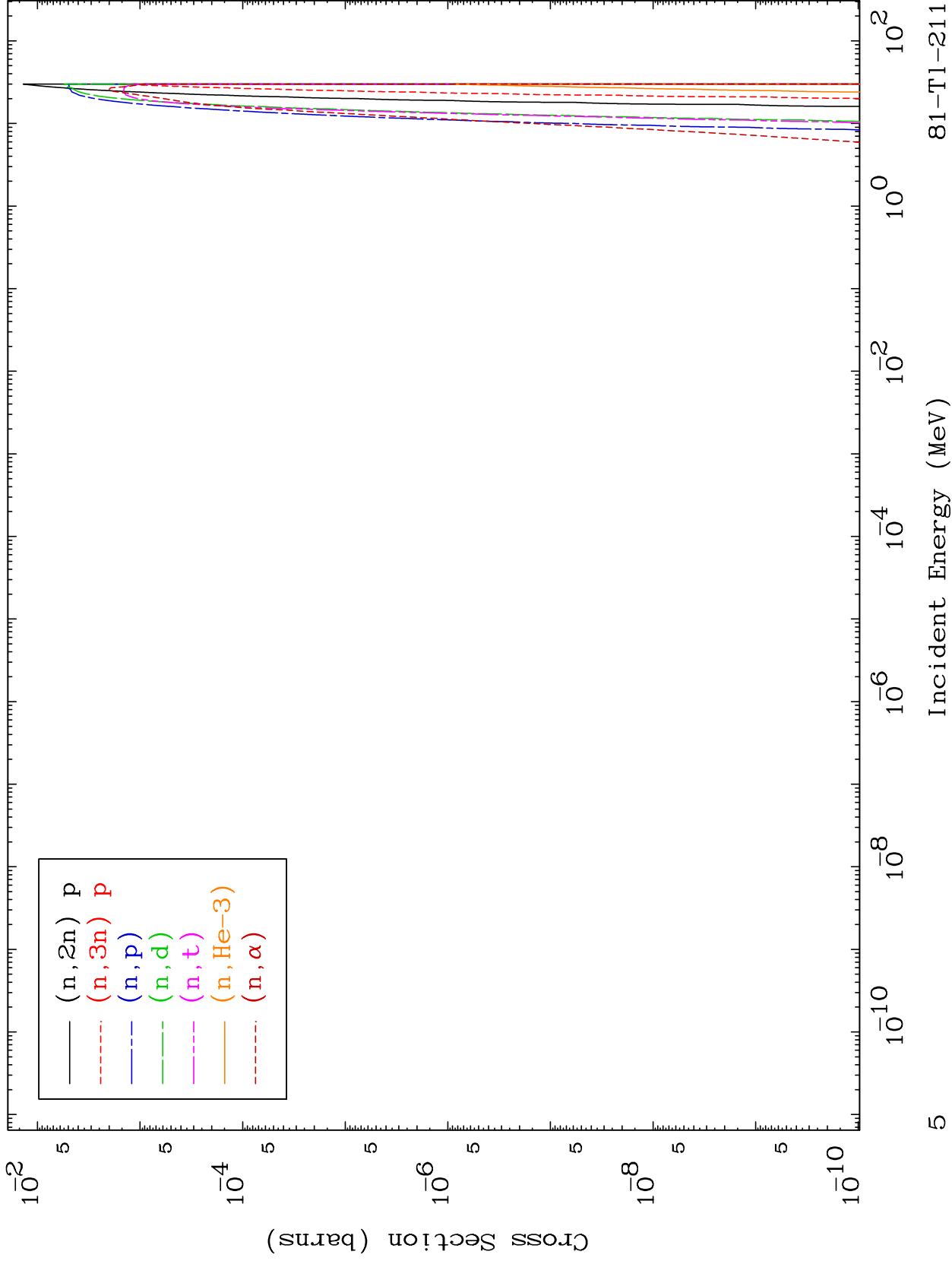


MAT 8149

Charged Particle  
293 Kelvin Cross Sections

81-Tl-211

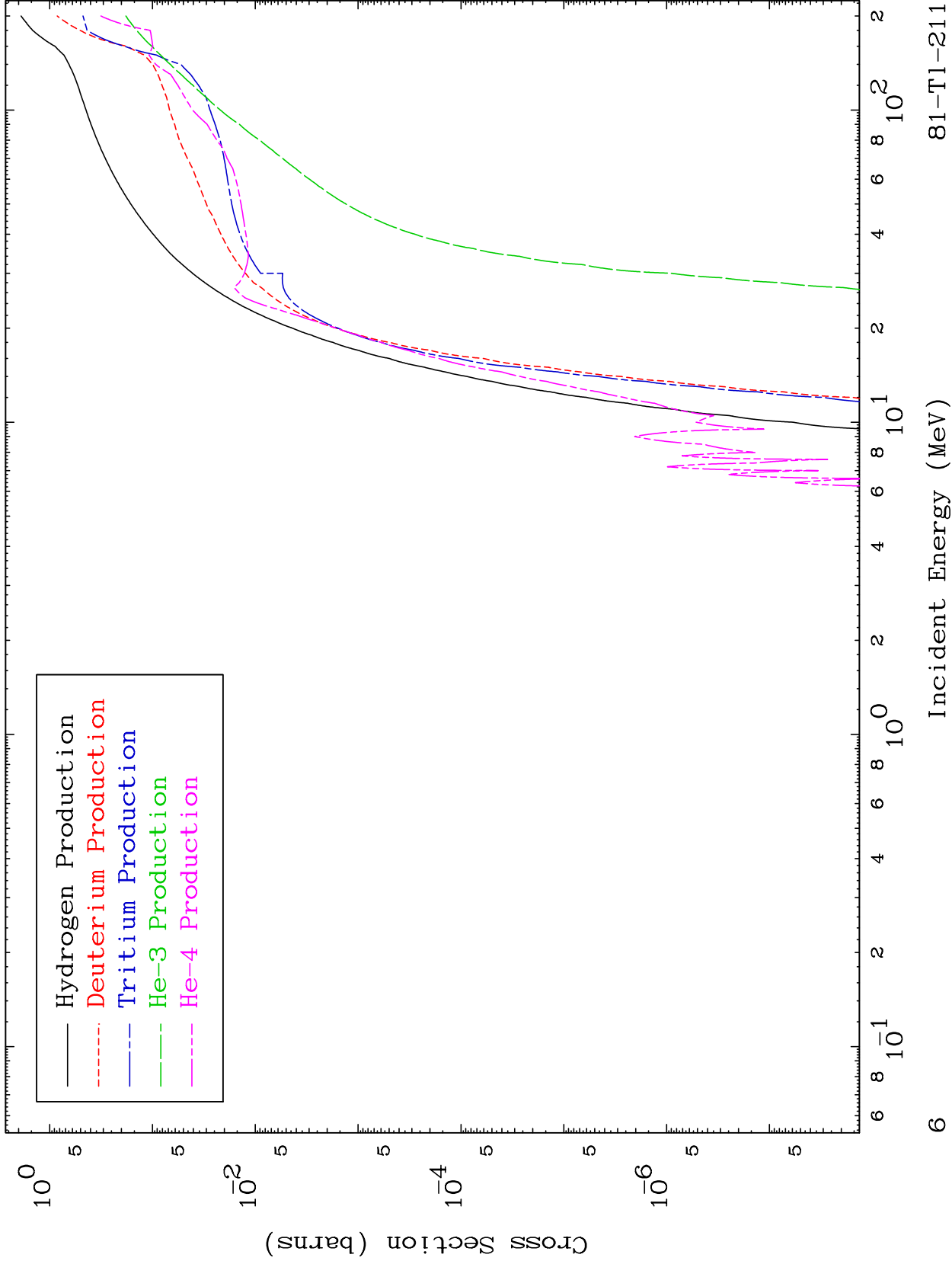




MAT 8149

Particle Production  
293 Kelvin Cross Sections

81-Tl-211



6

Incident Energy (MeV)

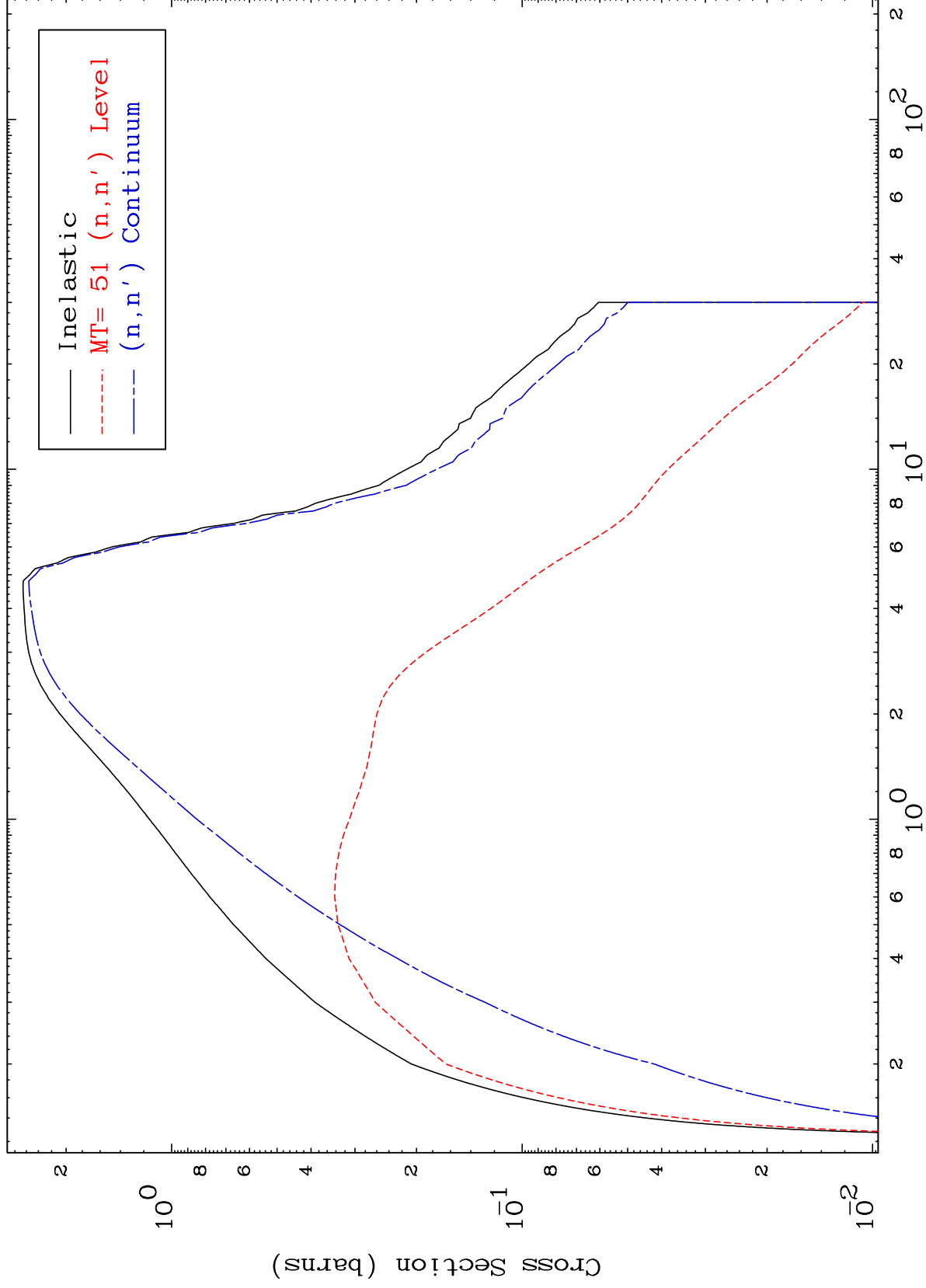
81-Tl-211

MAT 8149

(n,n') Level

81-Tl-211

293 Kelvin Cross Sections



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Incident Energy (MeV)

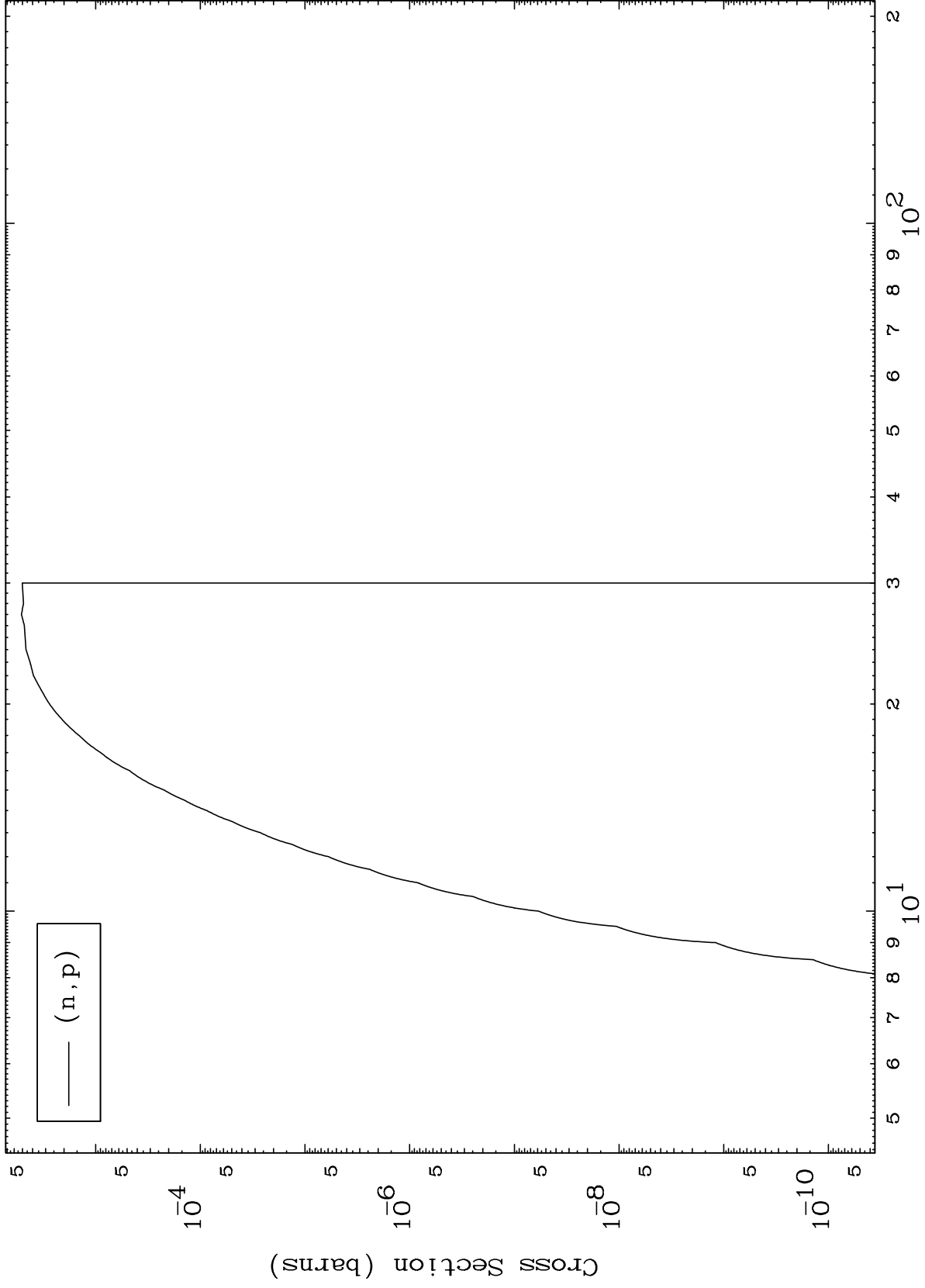
81-Tl-211



MAT 8149

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-211



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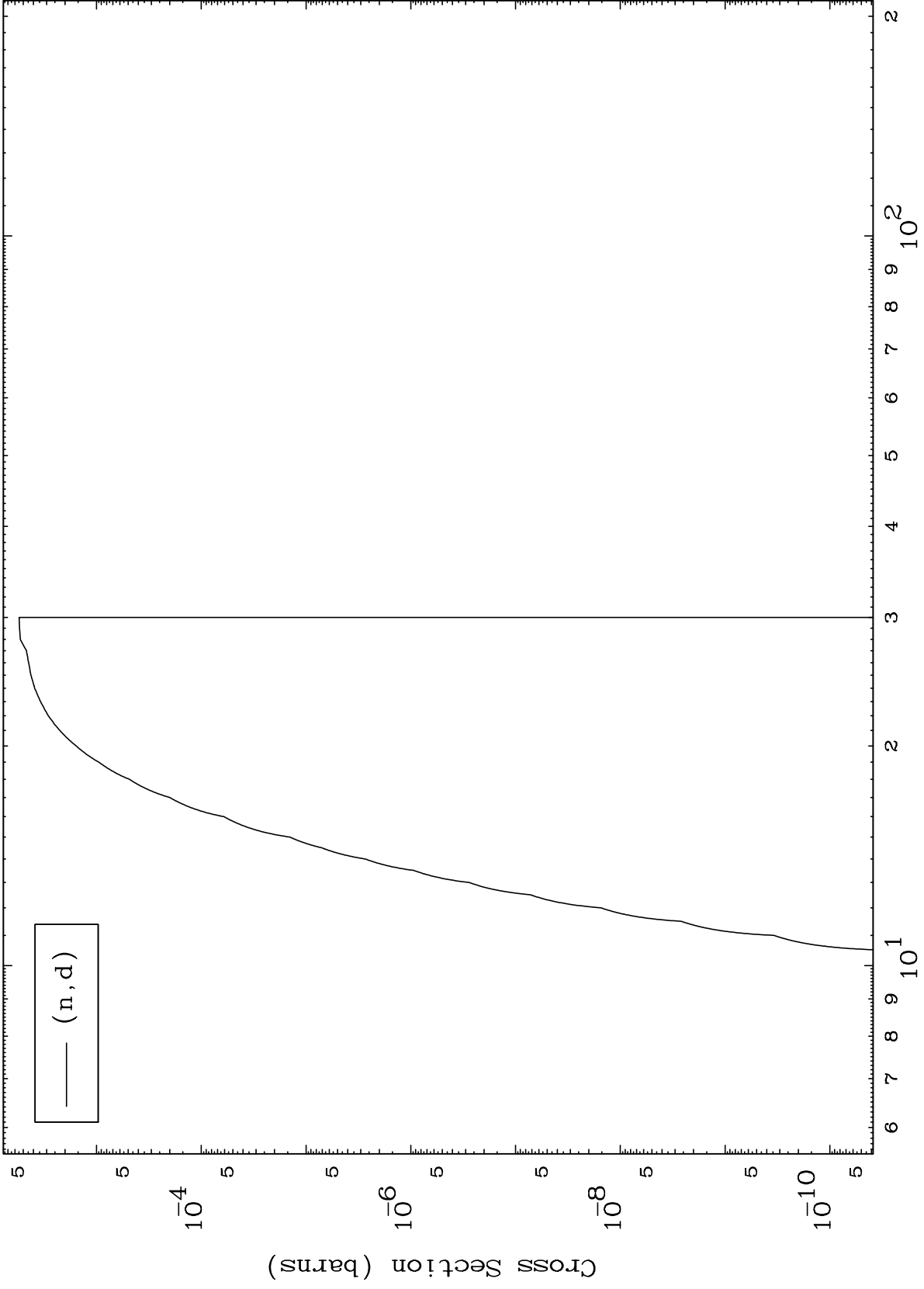
Incident Energy (MeV)

81-Tl-211

MAT 8149

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-211



9

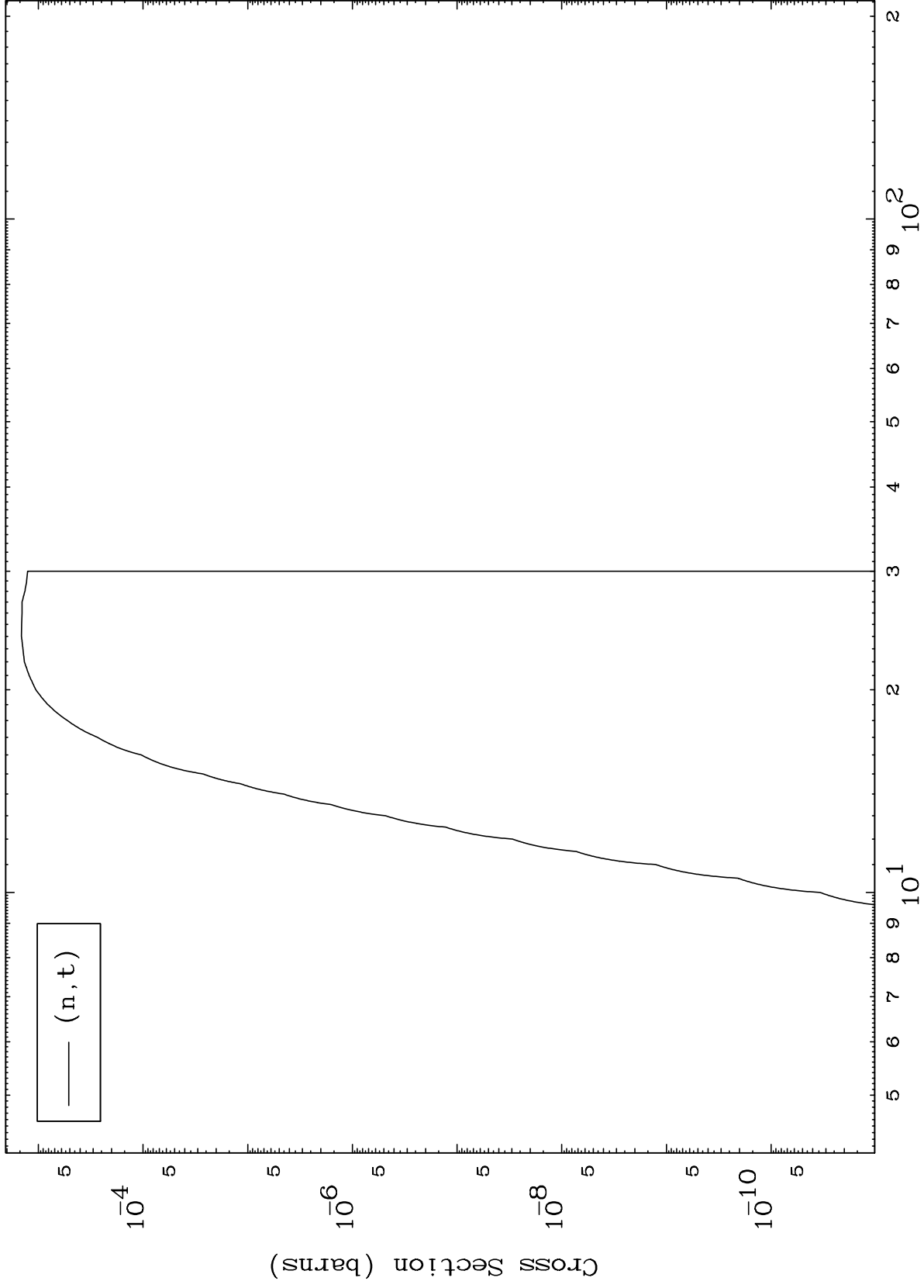
Incident Energy (MeV)

81-Tl-211

MAT 8149

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-211



10

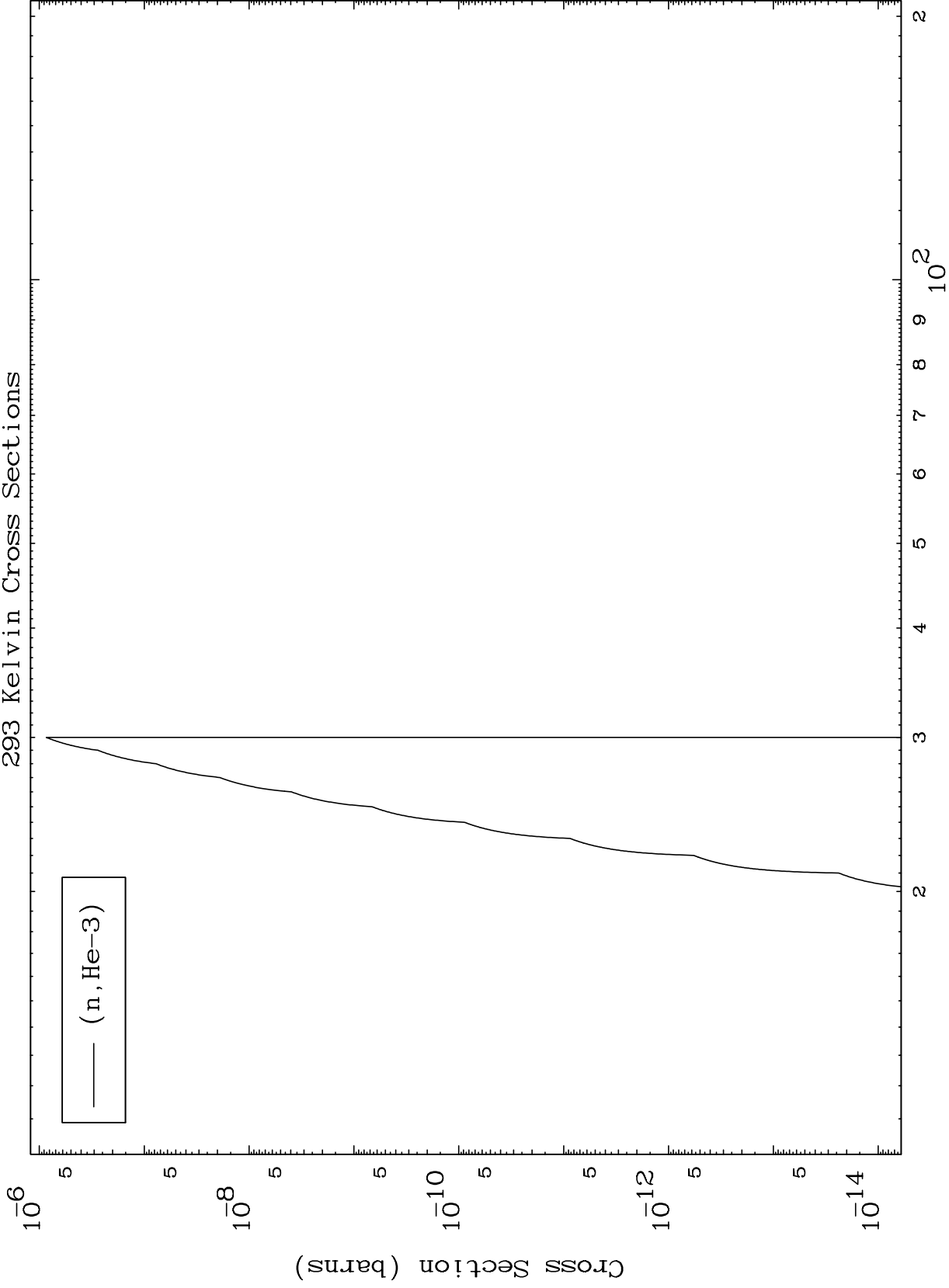
Incident Energy (MeV)

81-Tl-211

MAT 8149

(n,He3) Levels  
293 Kelvin Cross Sections

81-Tl-211



11

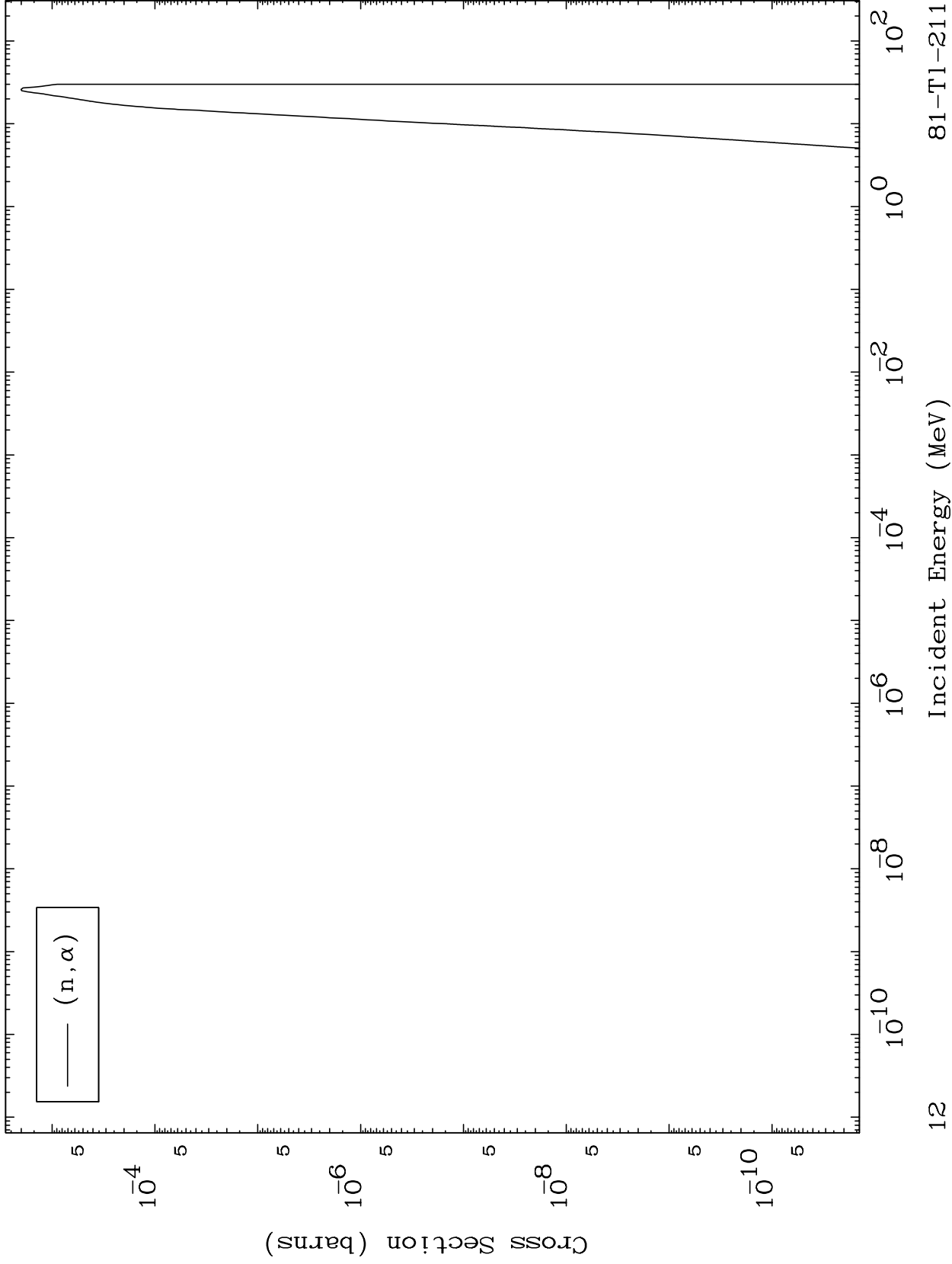
Incident Energy (MeV)

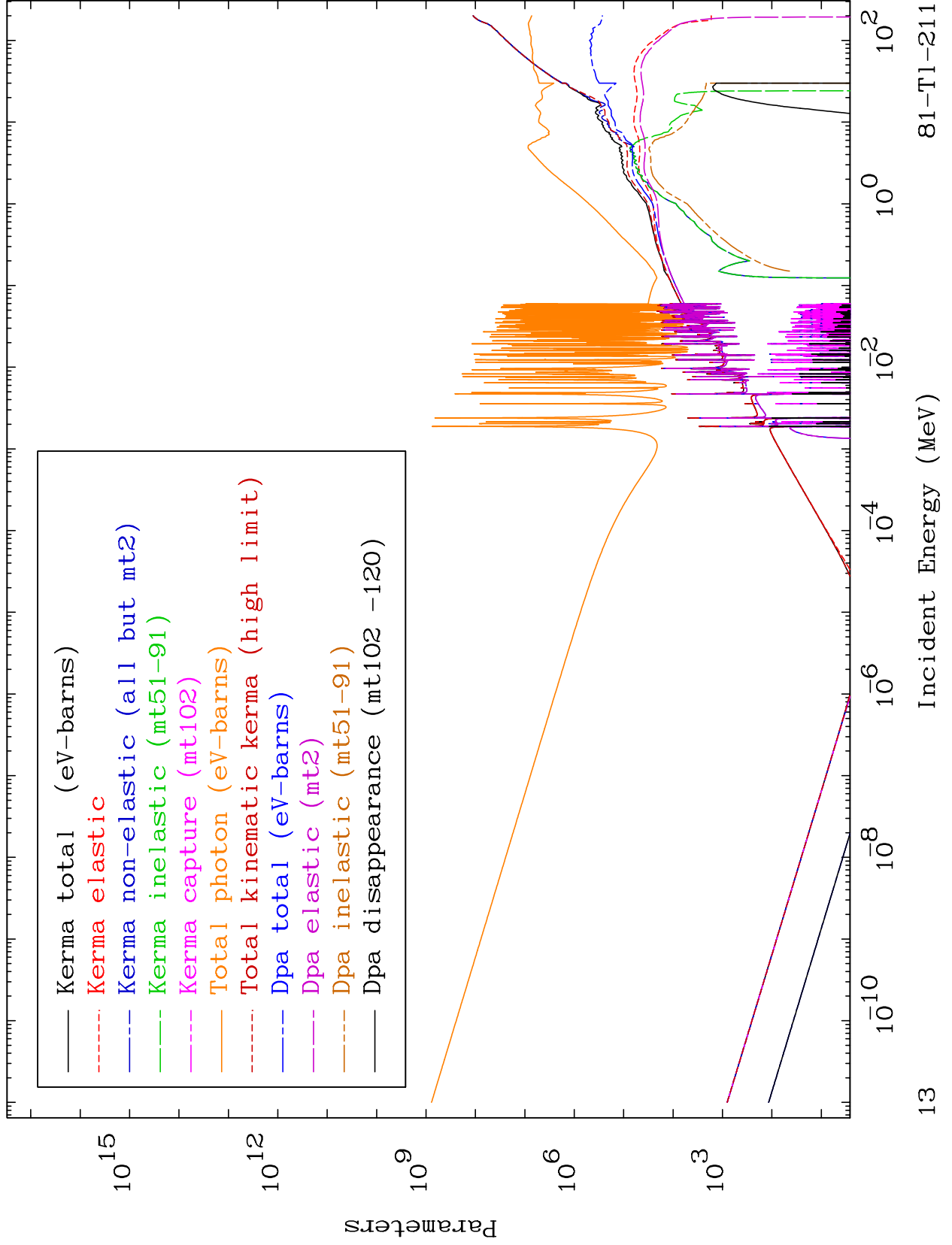
81-Tl-211

MAT 8149

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

81-Tl-211

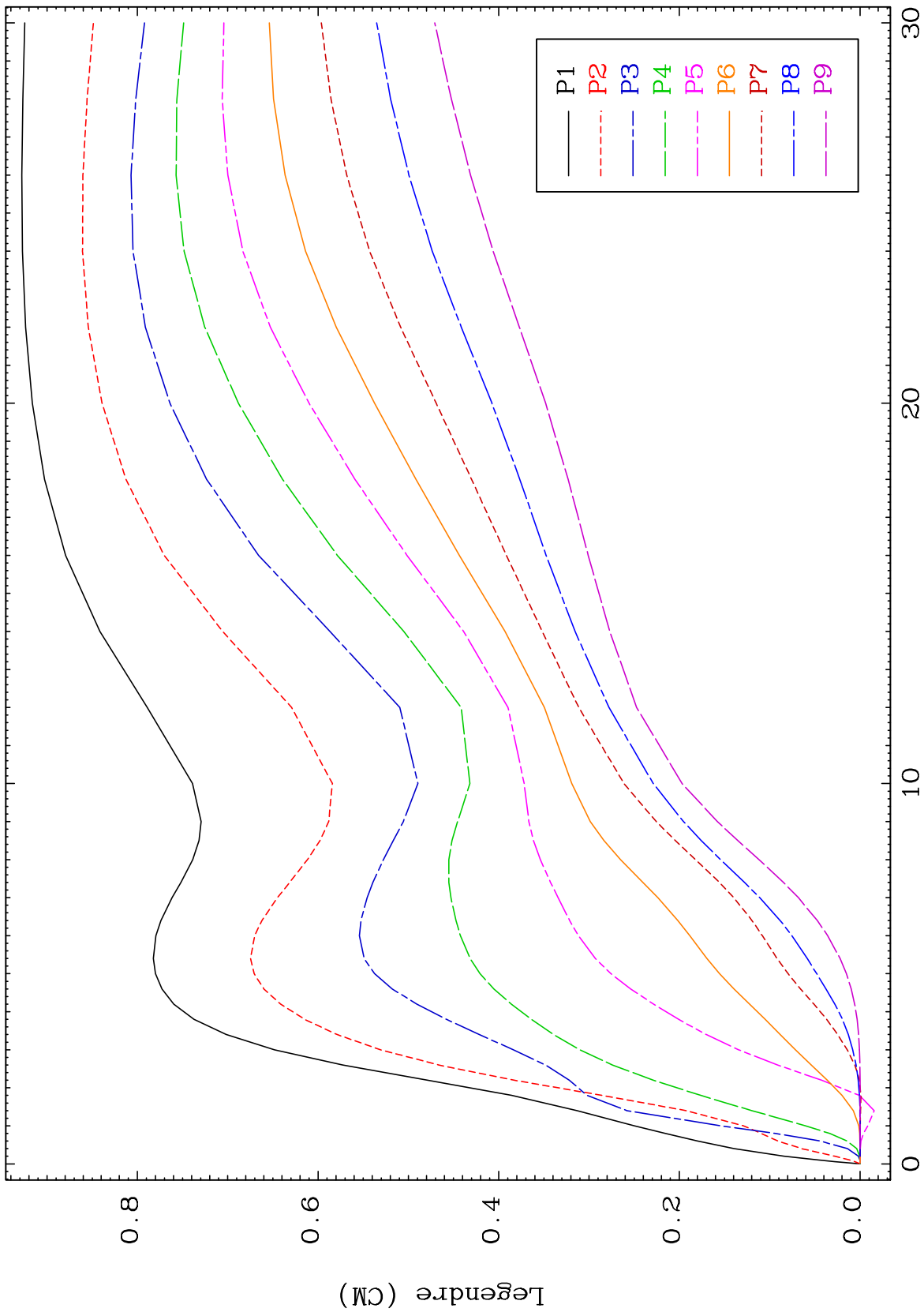




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81-Tl-211

Elastic Legendre Coefficients



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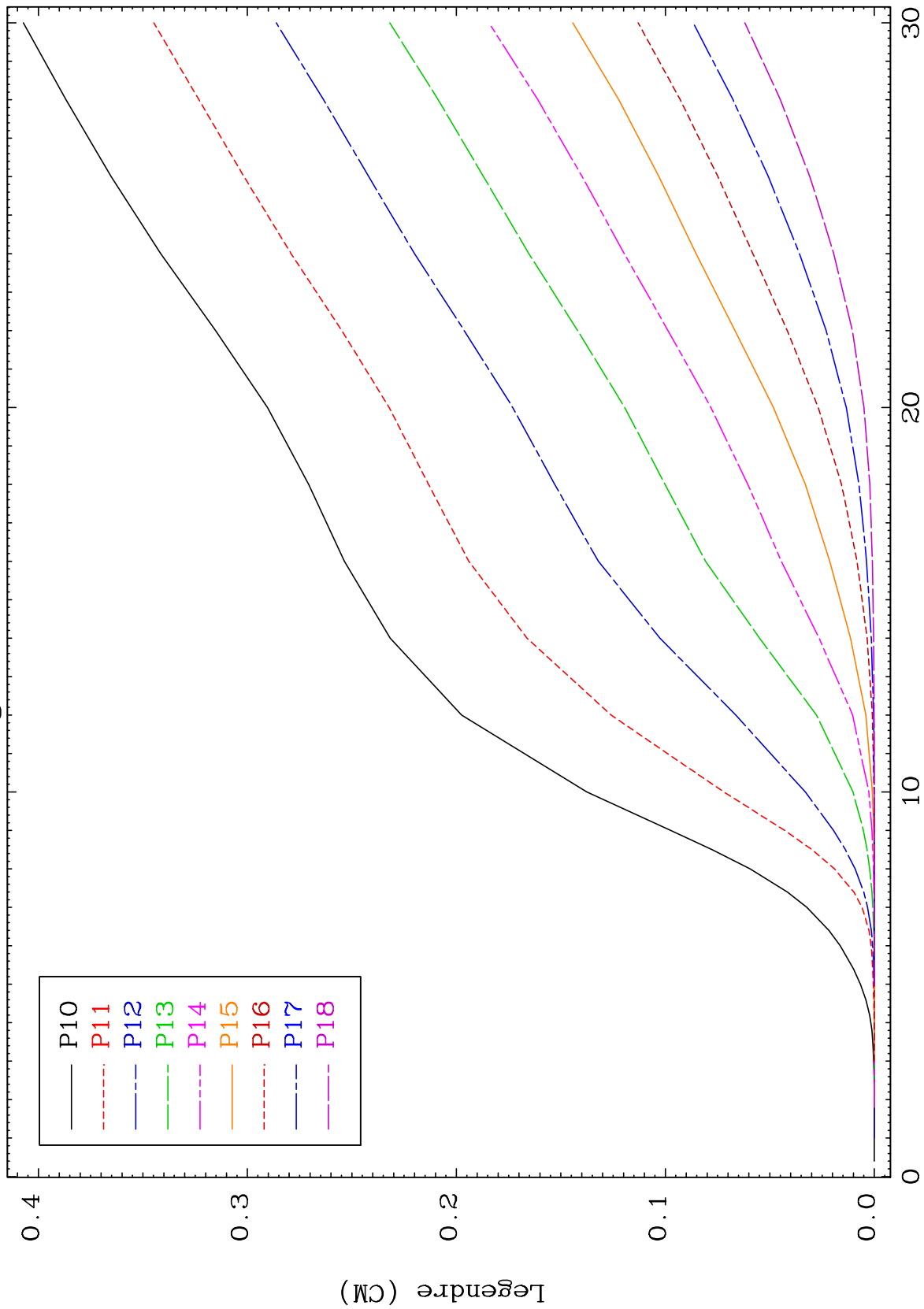
81-Tl-211

81-Tl-211

MAT 8149

Elastic Legendre Coefficients

81-Tl-211



15

Incident Energy (MeV)

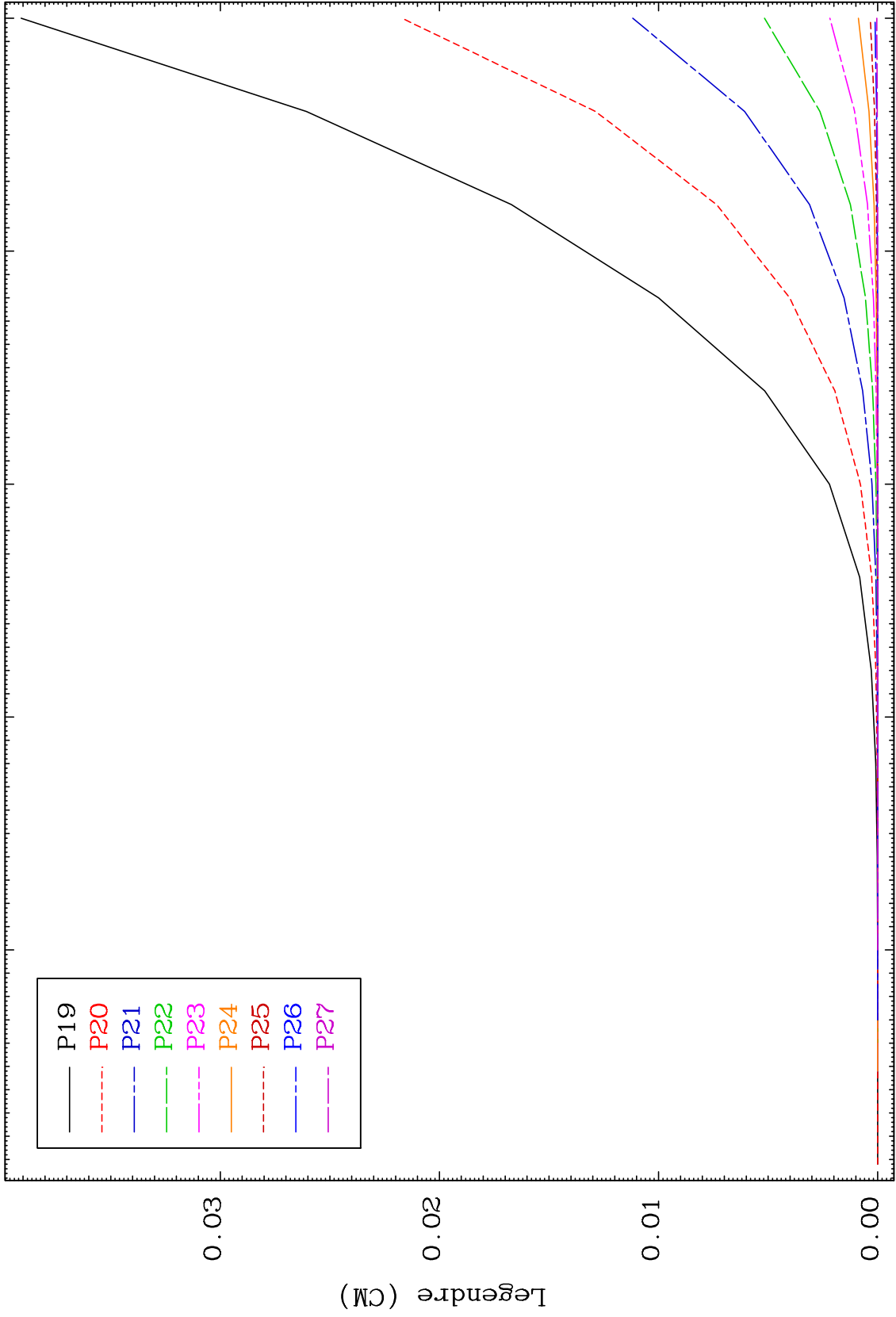
81-Tl-211



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Elastic Legendre Coefficients

81-Tl-211



16

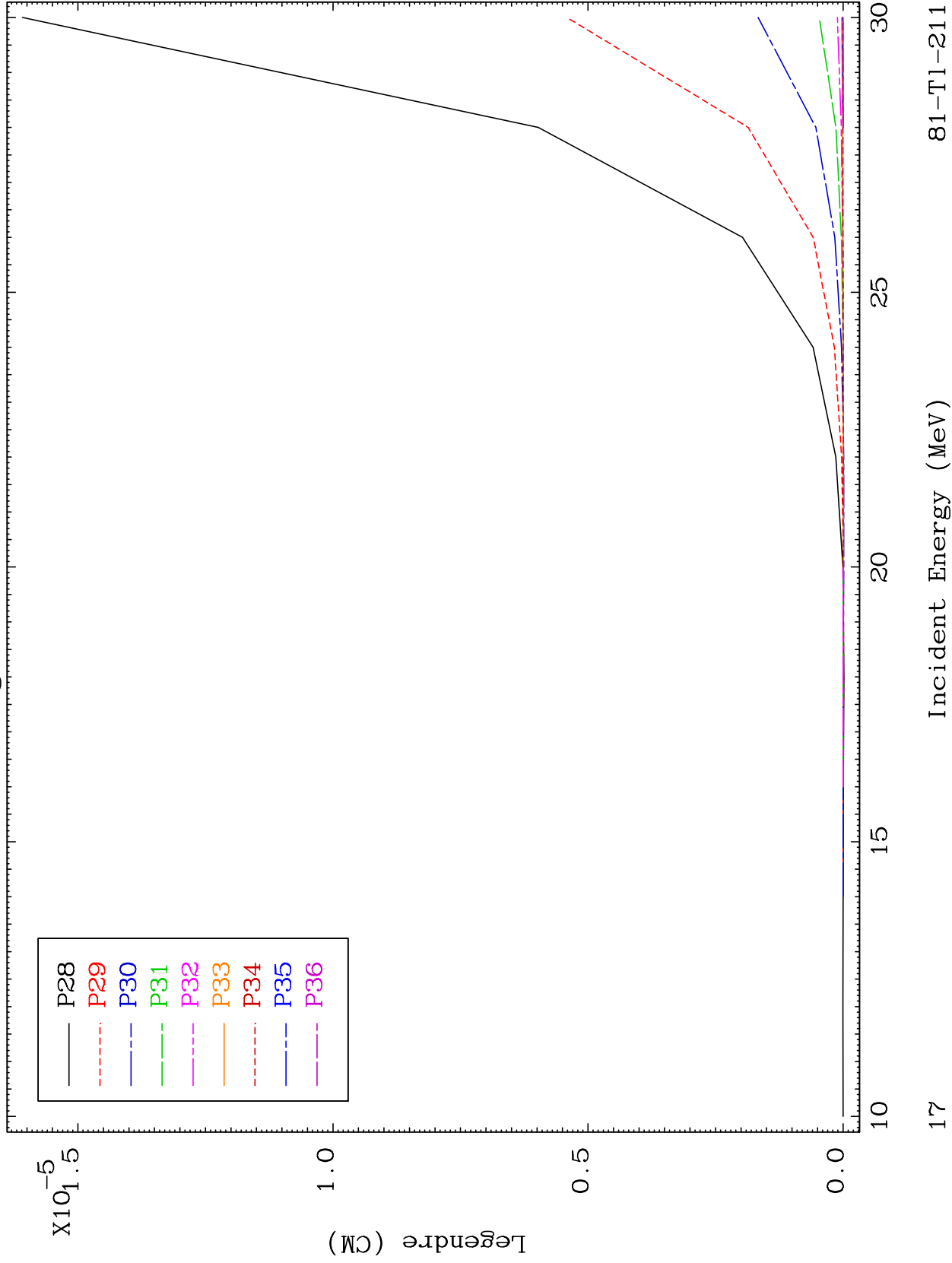
Incident Energy (MeV)

81-Tl-211

MAT 8149

### Elastic Legendre Coefficients

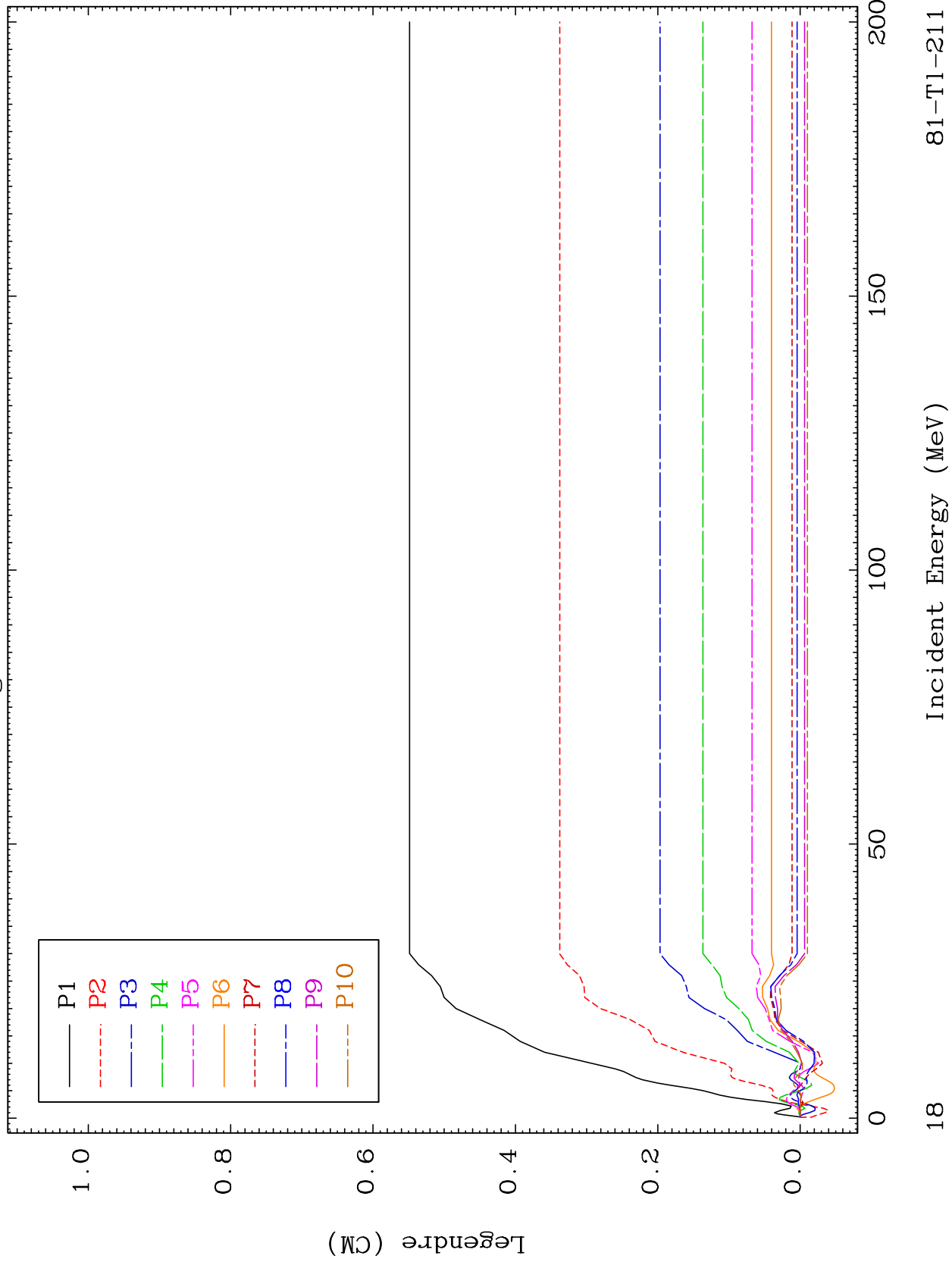
81-Tl-211



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MT= 51 (n,n') Level  
Legendre Coefficients

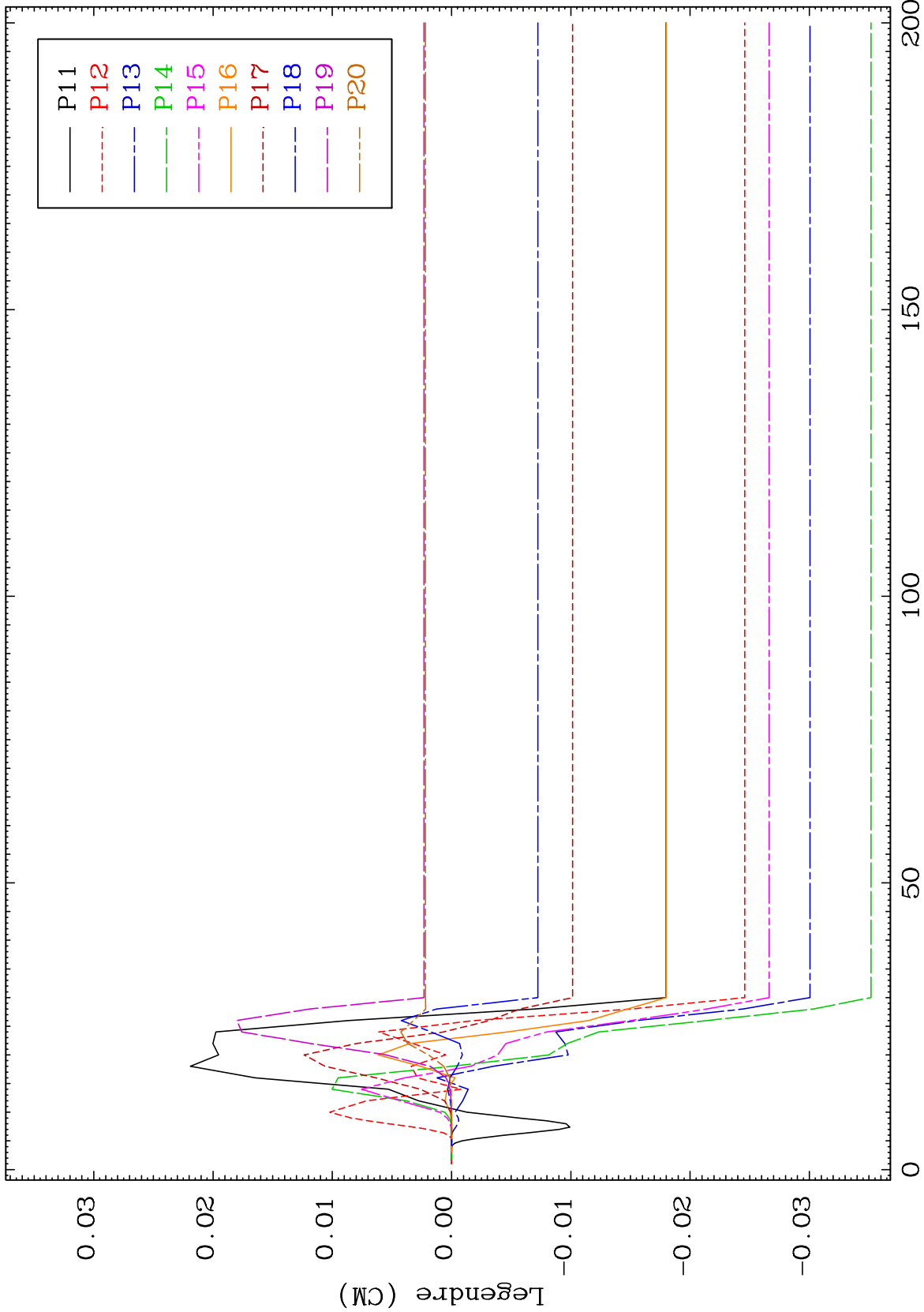
81-Tl-211



MAT 8149

MT= 51 (n,n') Level  
Legendre Coefficients

81-Tl-211



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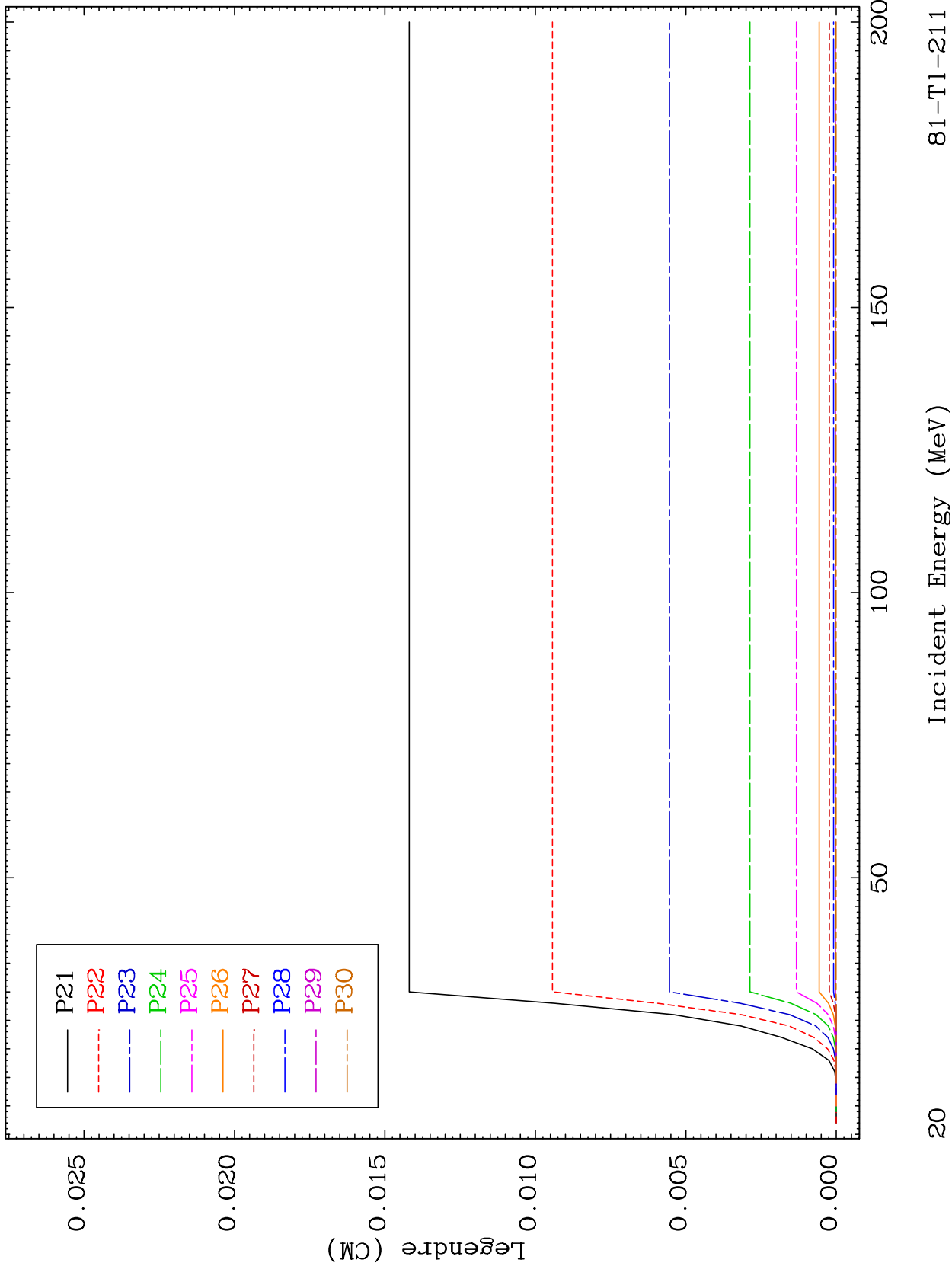
Incident Energy (MeV)

81-Tl-211

MAT 8149

MT= 51 (n,n') Level  
Legendre Coefficients

81-Tl-211



81-Tl-211

Incident Energy (MeV)

20

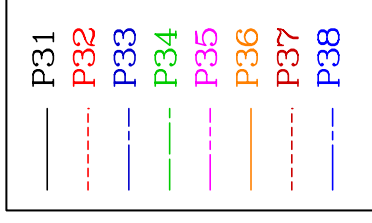
MAT 8149

MT= 51 (n,n') Level  
Legendre Coefficients

81-Tl-211

$\times 10^{-64}$

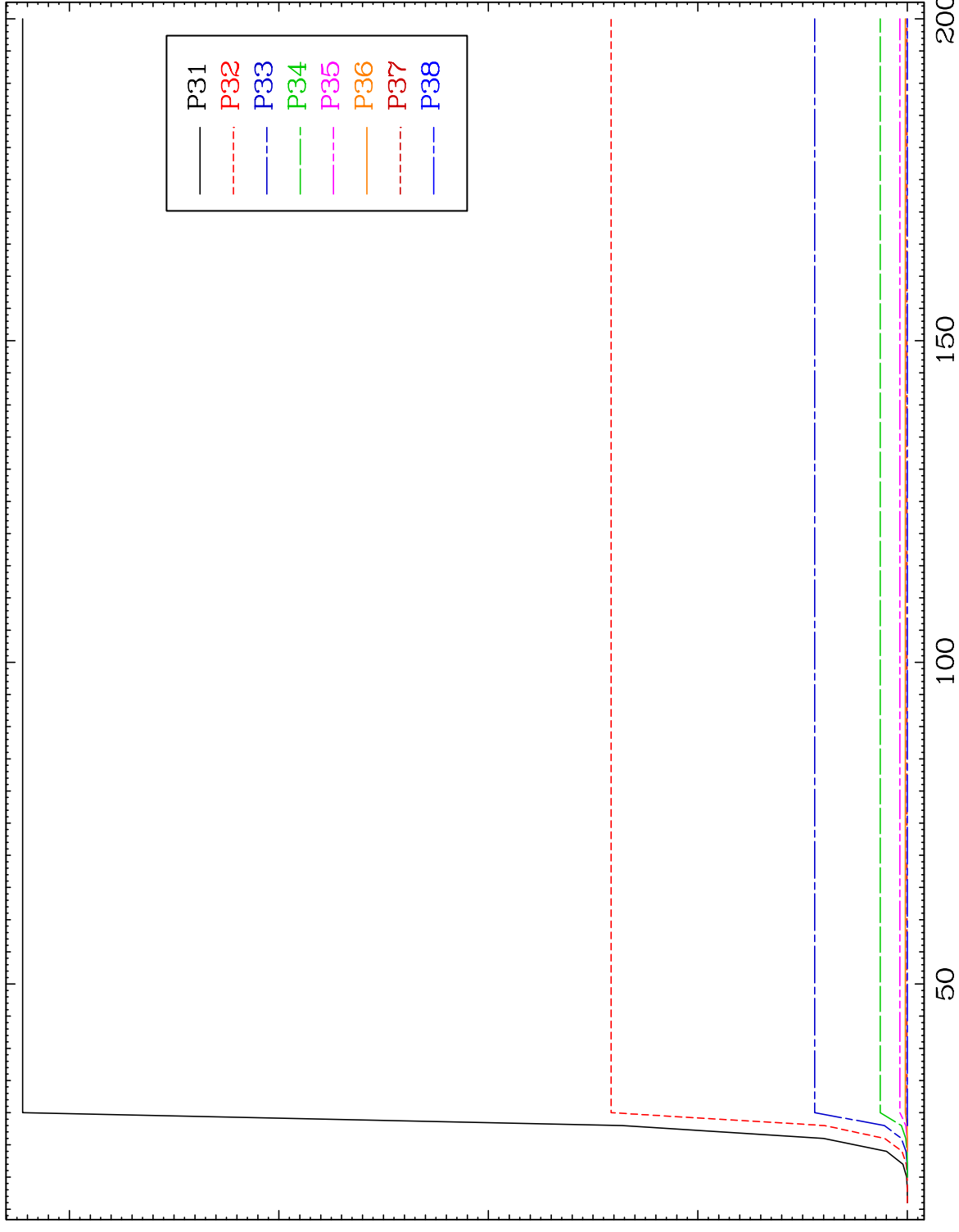
Legendre (CM)



21

Incident Energy (MeV)

81-Tl-211



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Fission

81-Tl-211

Radionuclide Production Cross Section

