

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

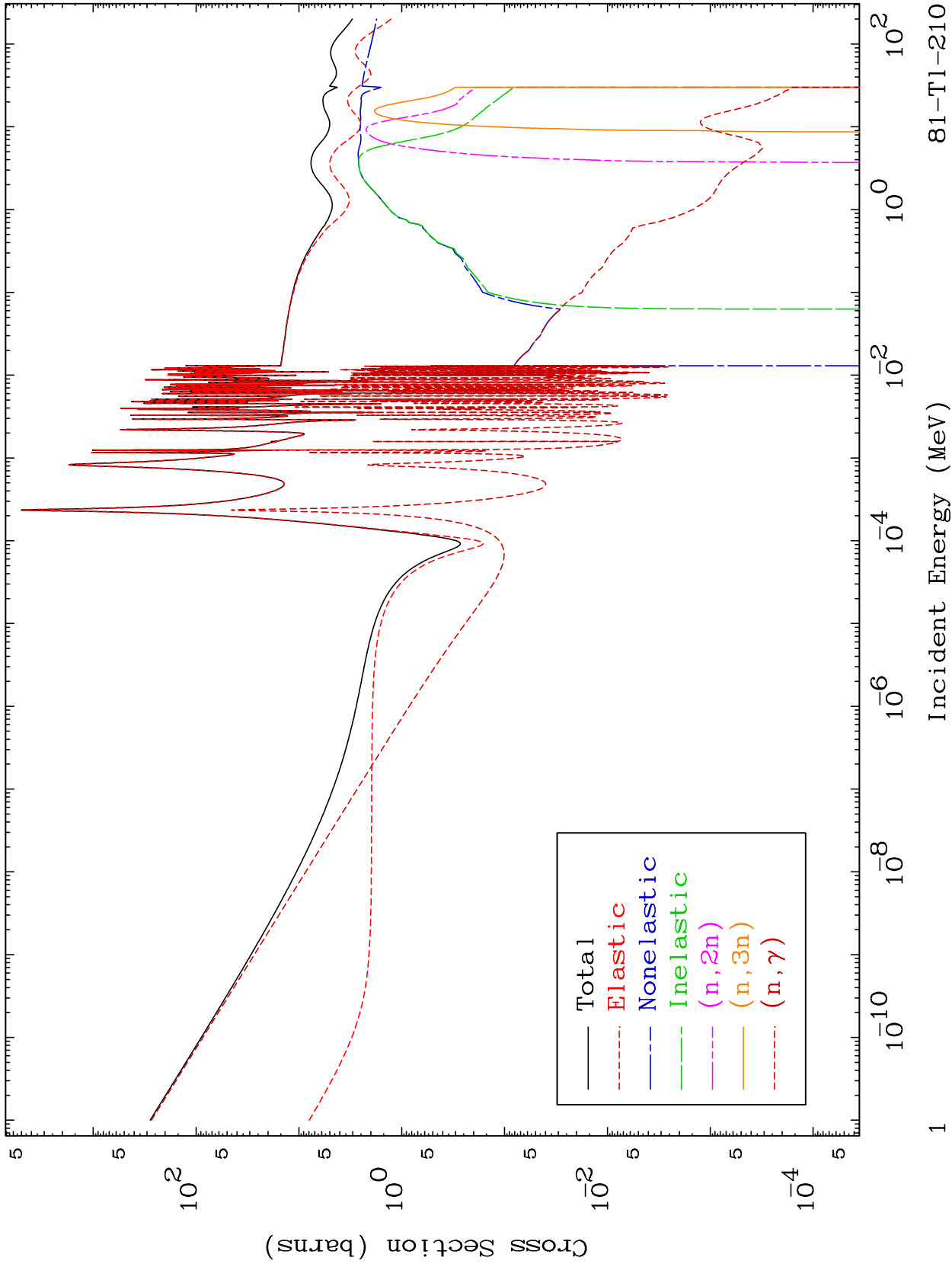
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8146

Neutron Major  
293 Kelvin Cross Sections

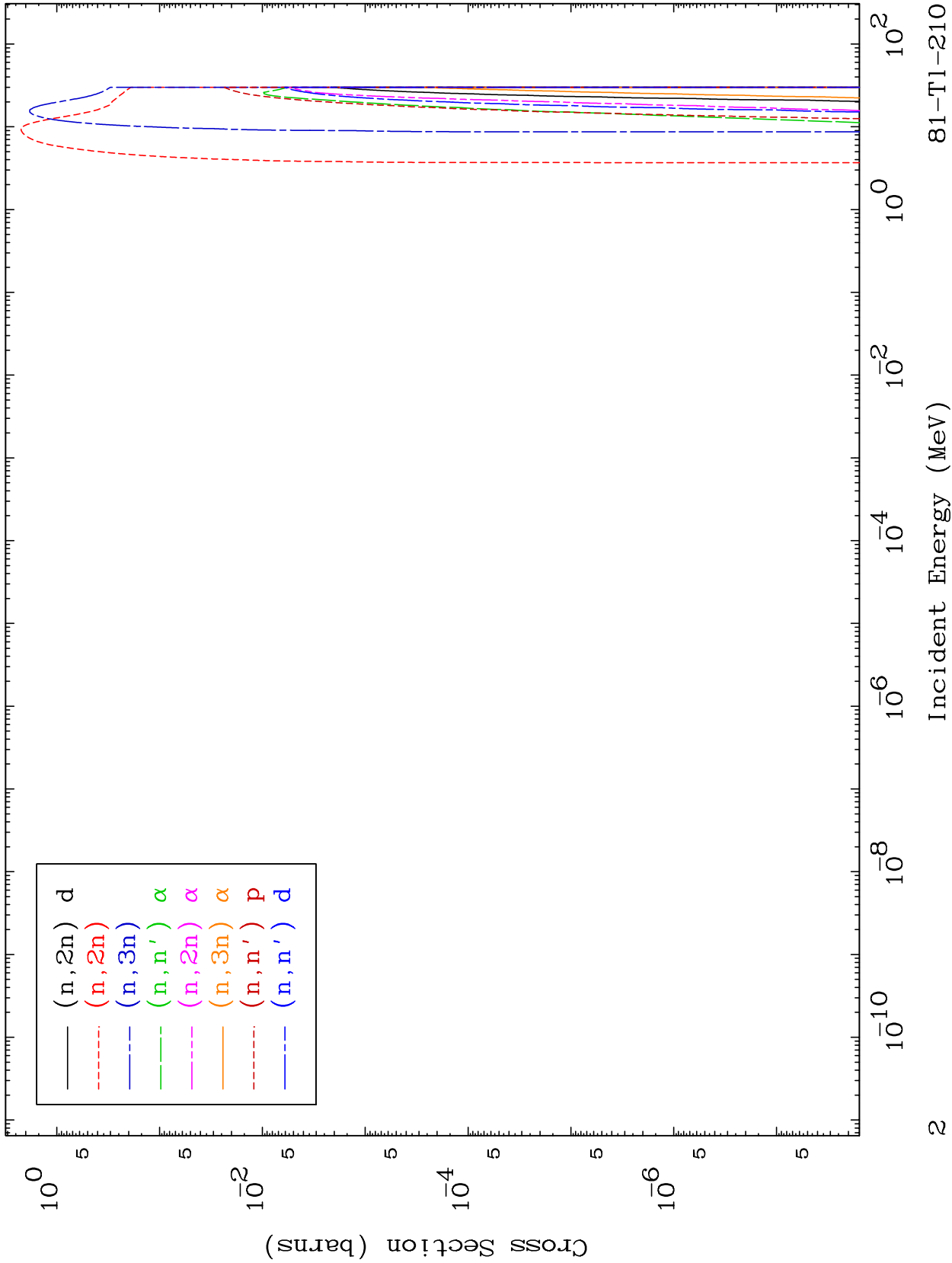
81-Tl-210



MAT 8146

Neutron Absorption  
293 Kelvin Cross Sections

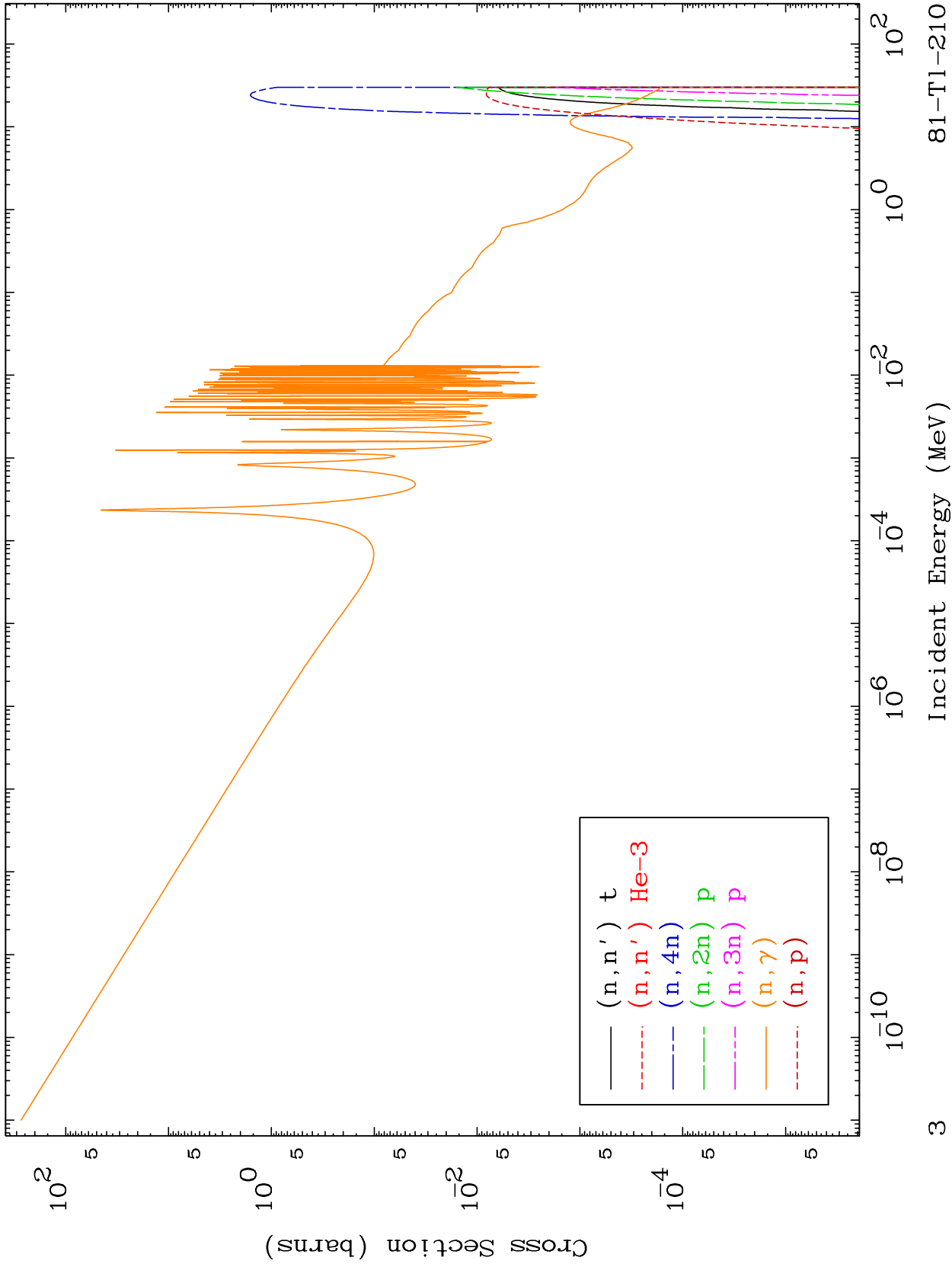
81-Tl-210



MAT 8146

Neutron Absorption  
293 Kelvin Cross Sections

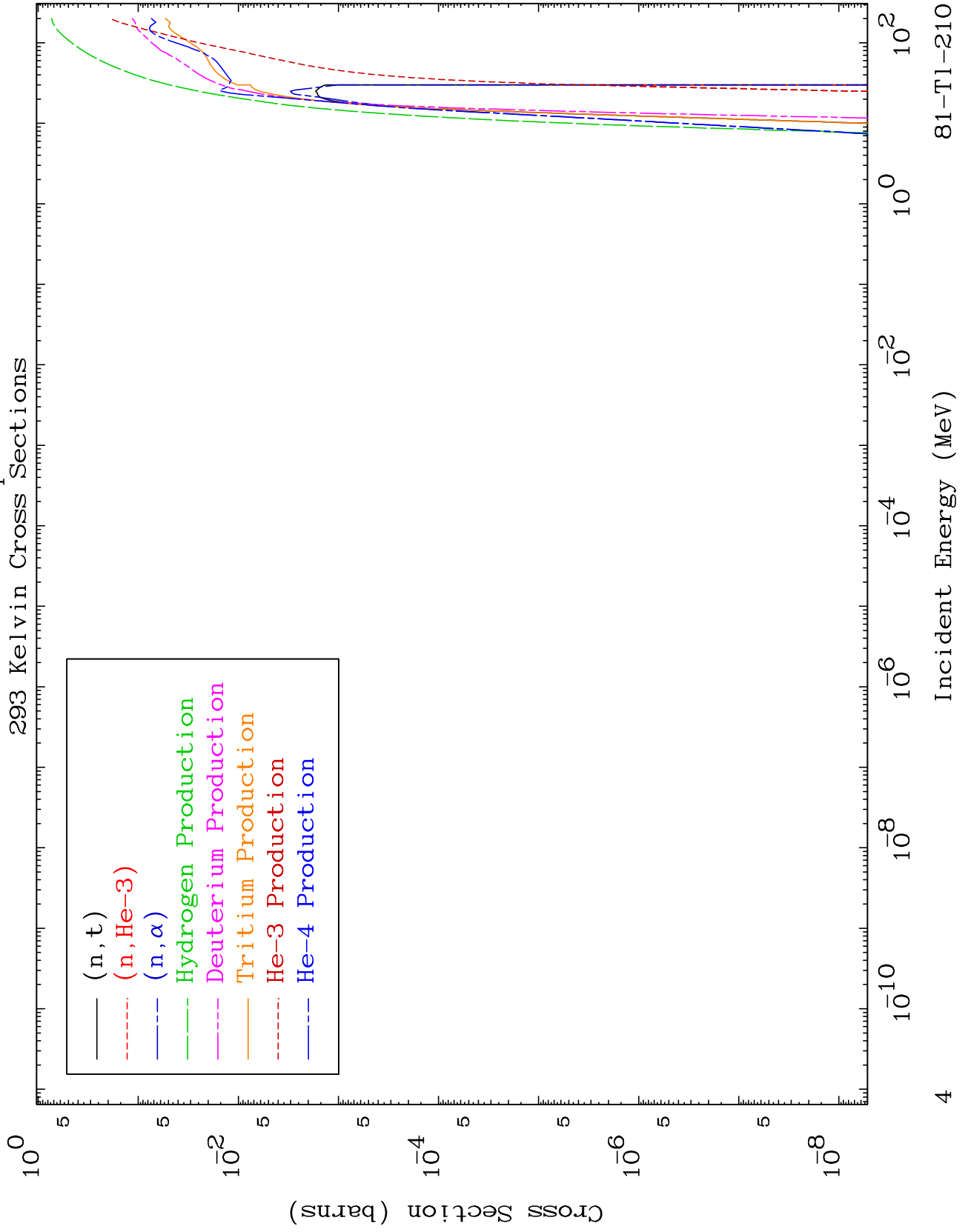
81-Tl-210



MAT 8146

Neutron Absorption  
293 Kelvin Cross Sections

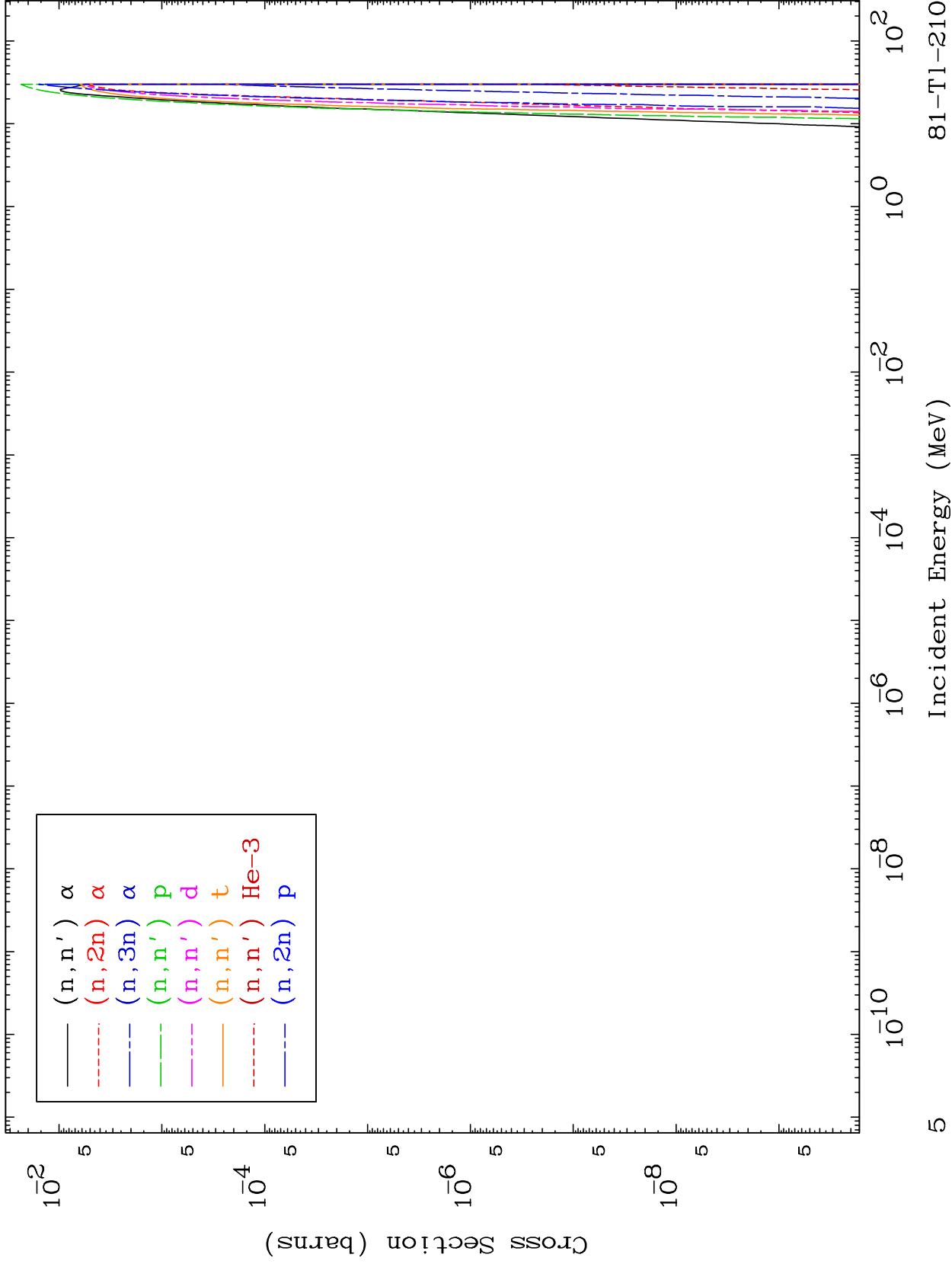
81-Tl-210



MAT 8146

Charged Particle  
293 Kelvin Cross Sections

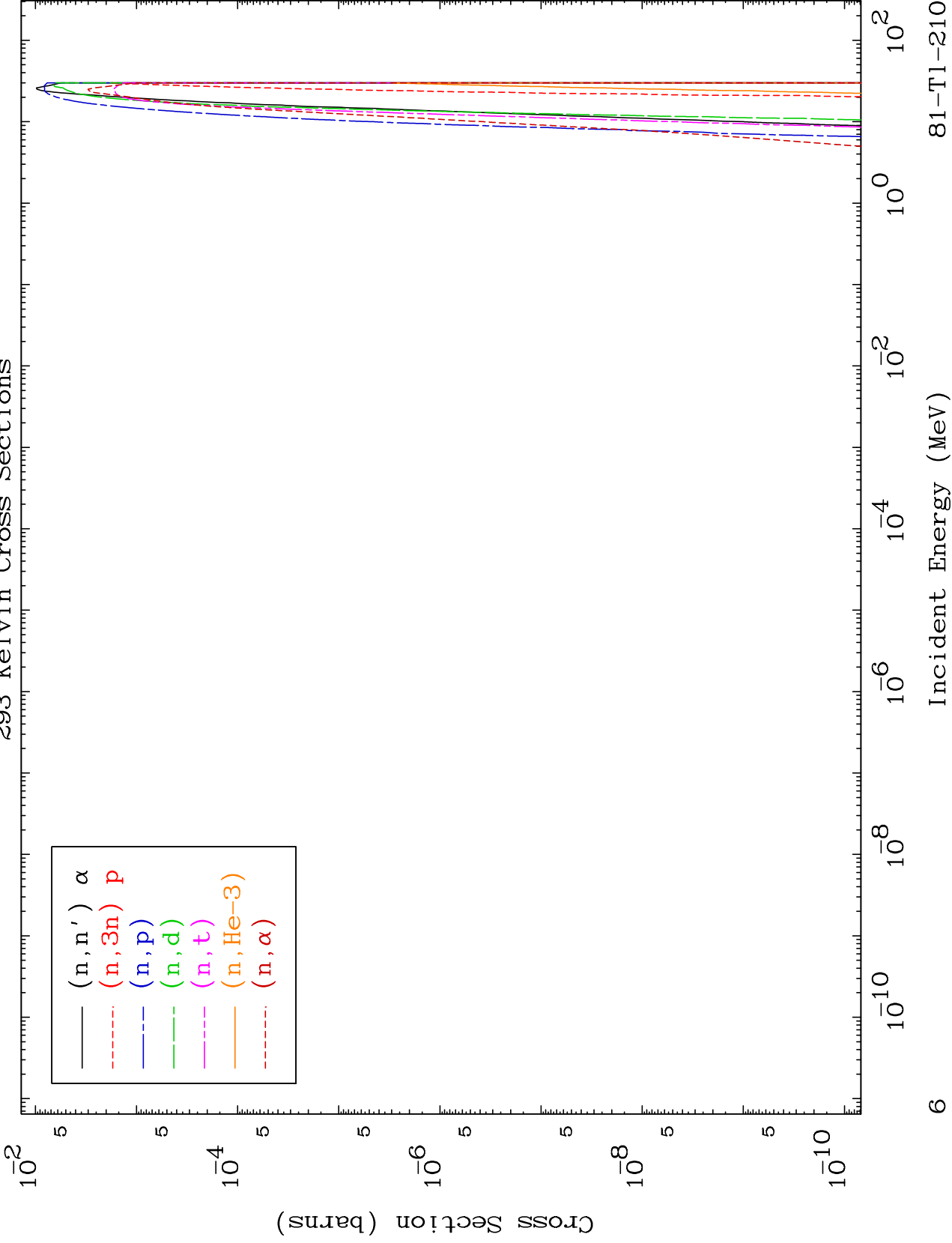
81-Tl-210



MAT 8146

Charged Particle  
293 Kelvin Cross Sections

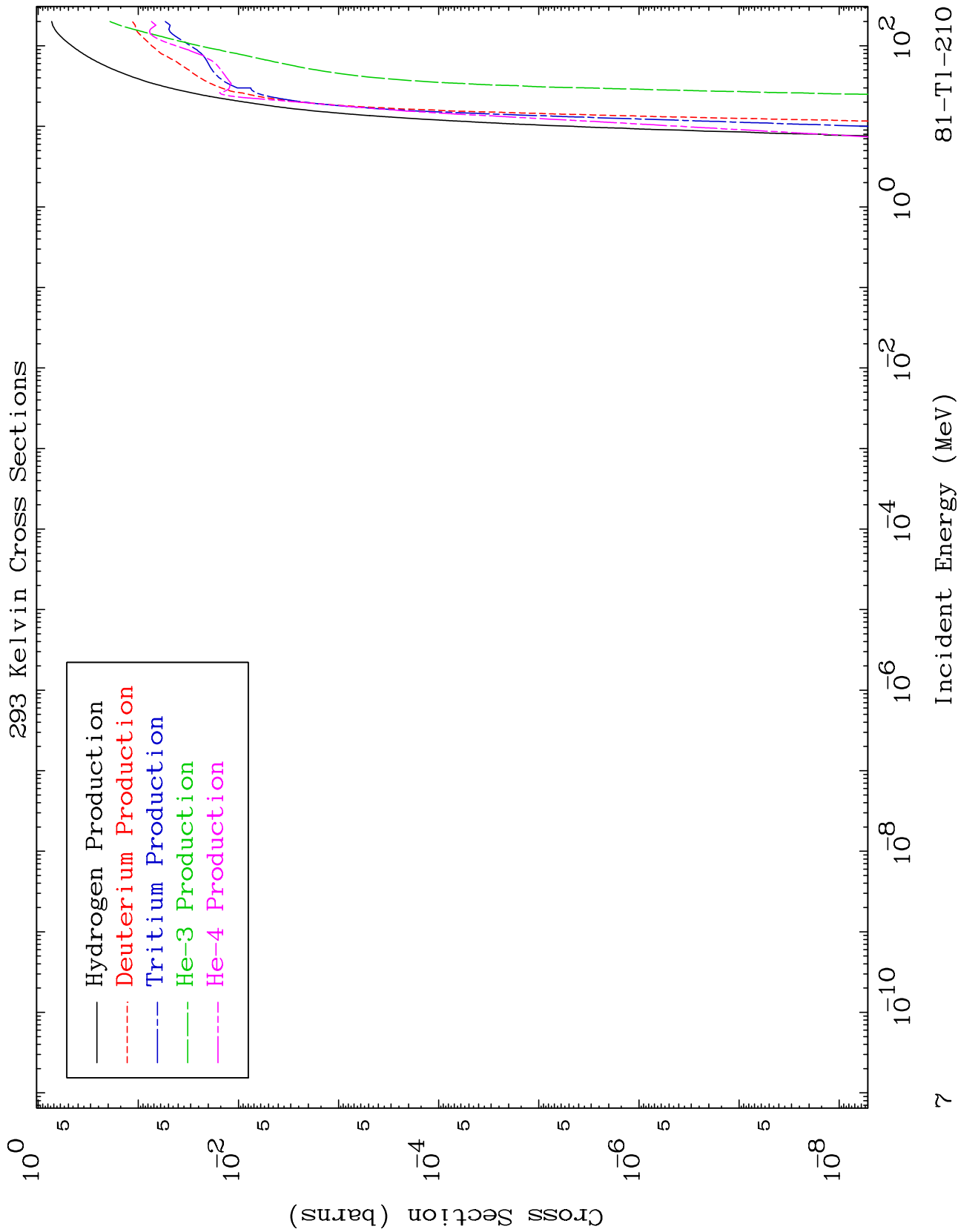
81-Tl-210



MAT 8146

Particle Production  
293 Kelvin Cross Sections

81-Tl-210

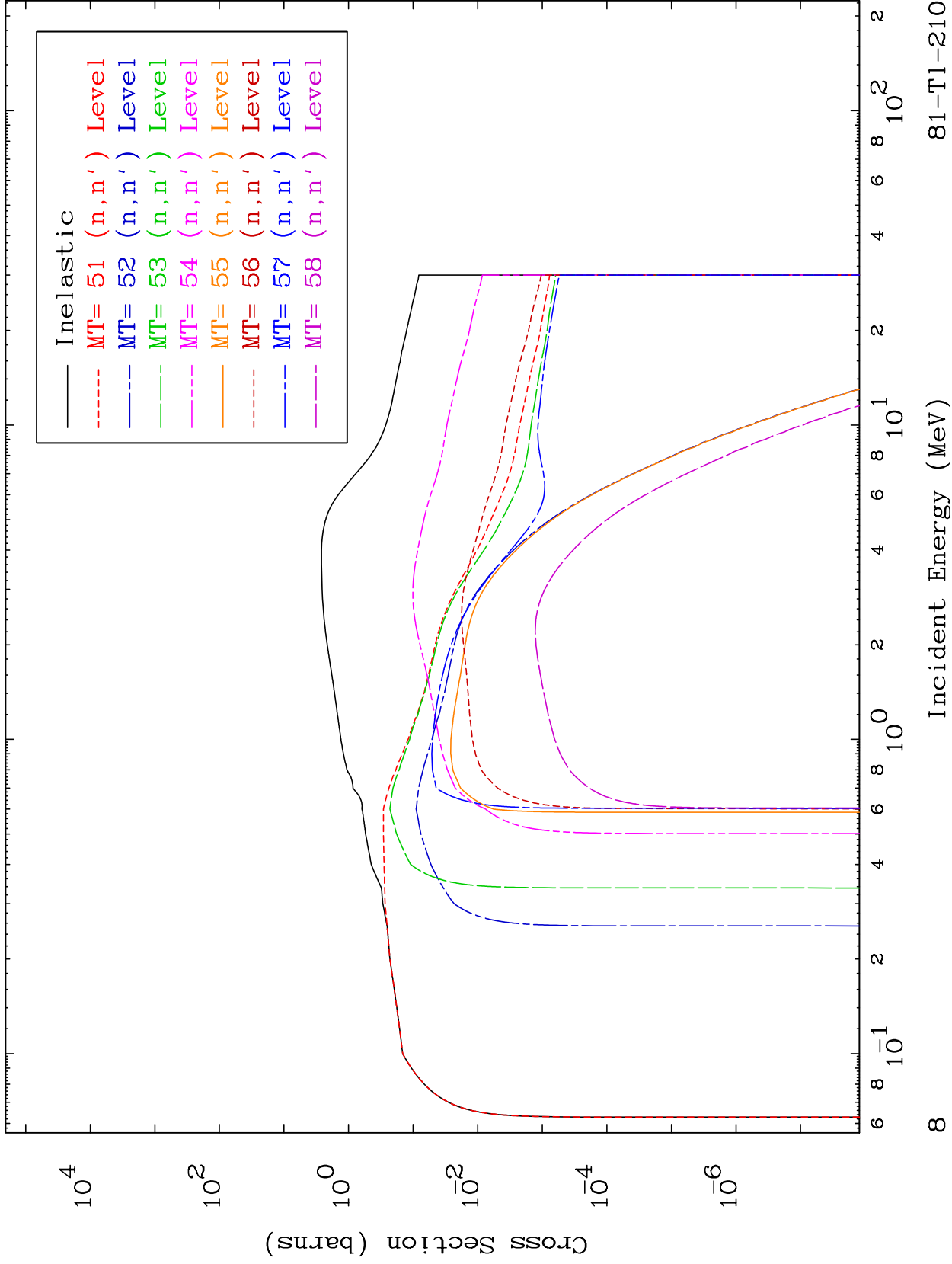


MAT 8146

(n,n') Levels

81-Tl-210

293 Kelvin Cross Sections

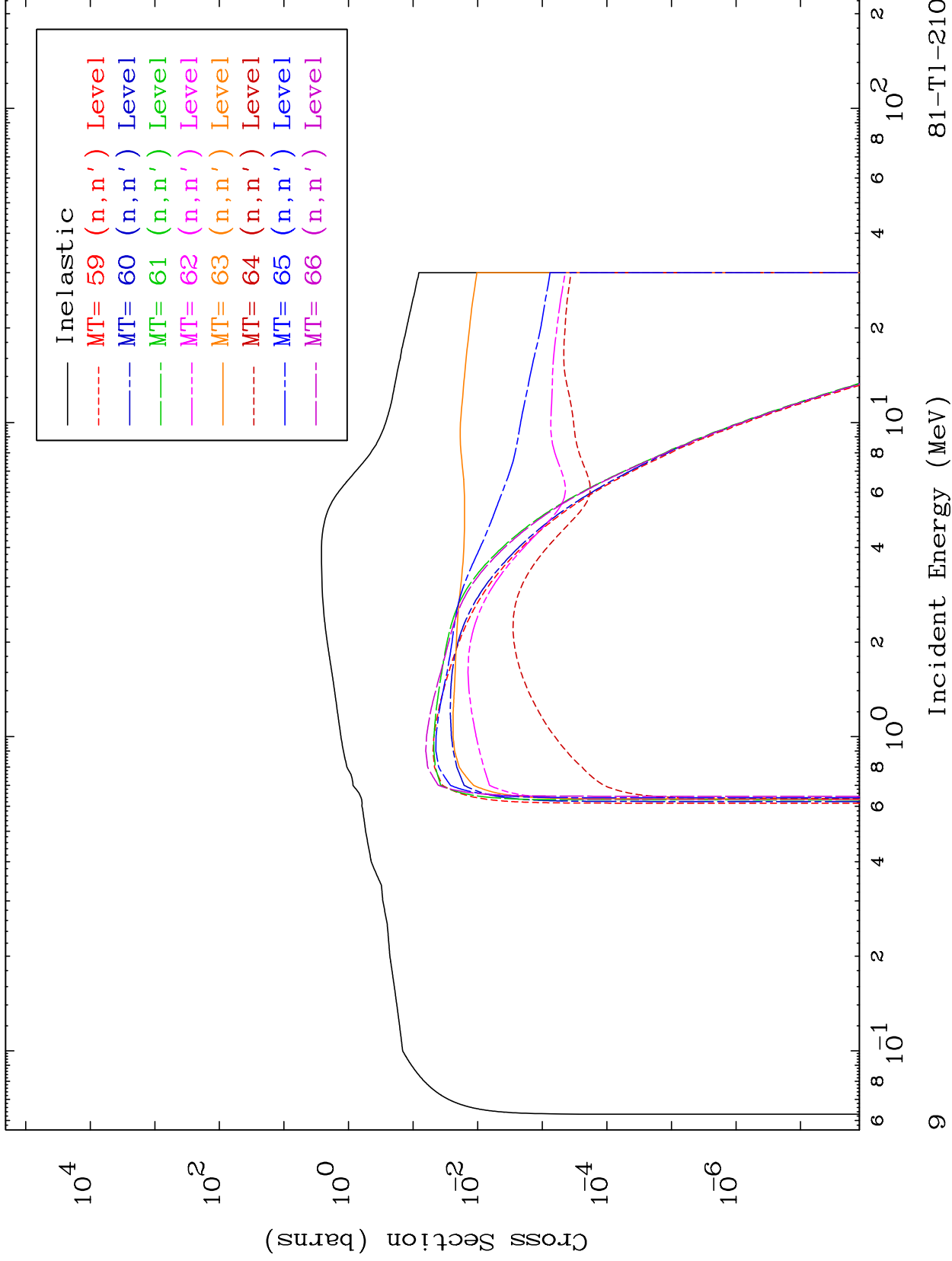


MAT 8146

(n,n') Levels

81-Tl-210

293 Kelvin Cross Sections

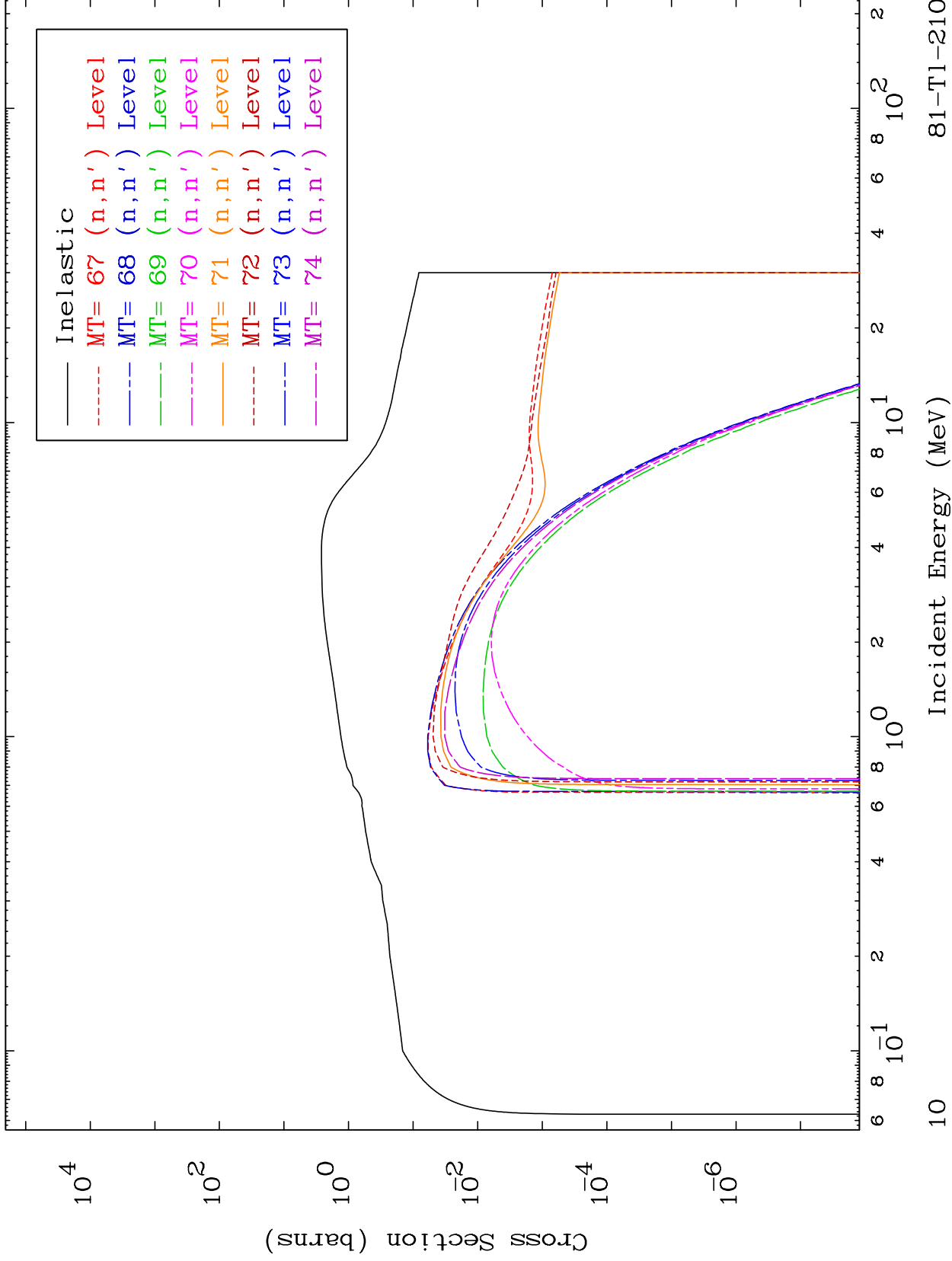


MAT 8146

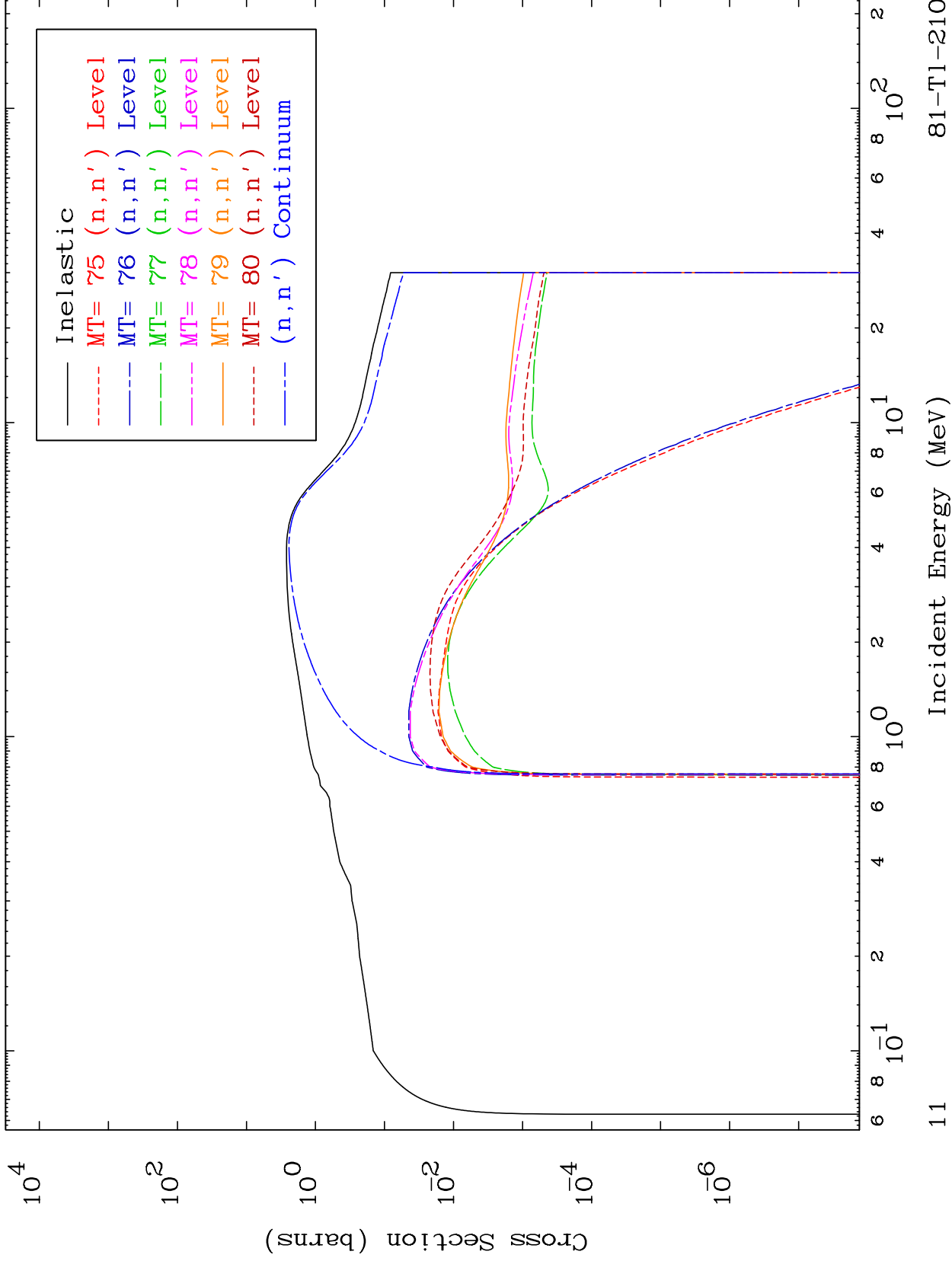
(n,n') Levels

81-Tl-210

293 Kelvin Cross Sections



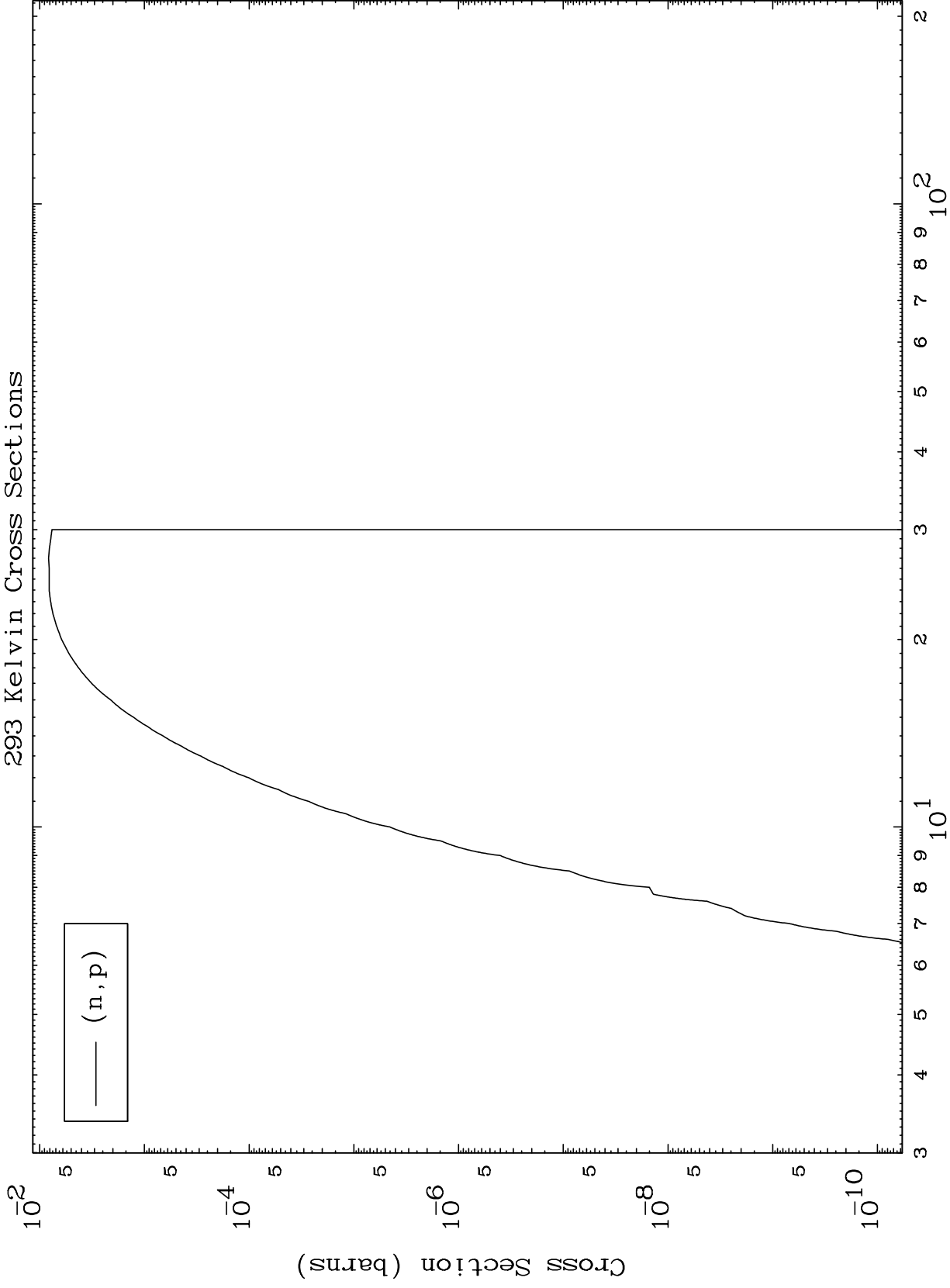
293 Kelvin Cross Sections



MAT 8146

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-210



12

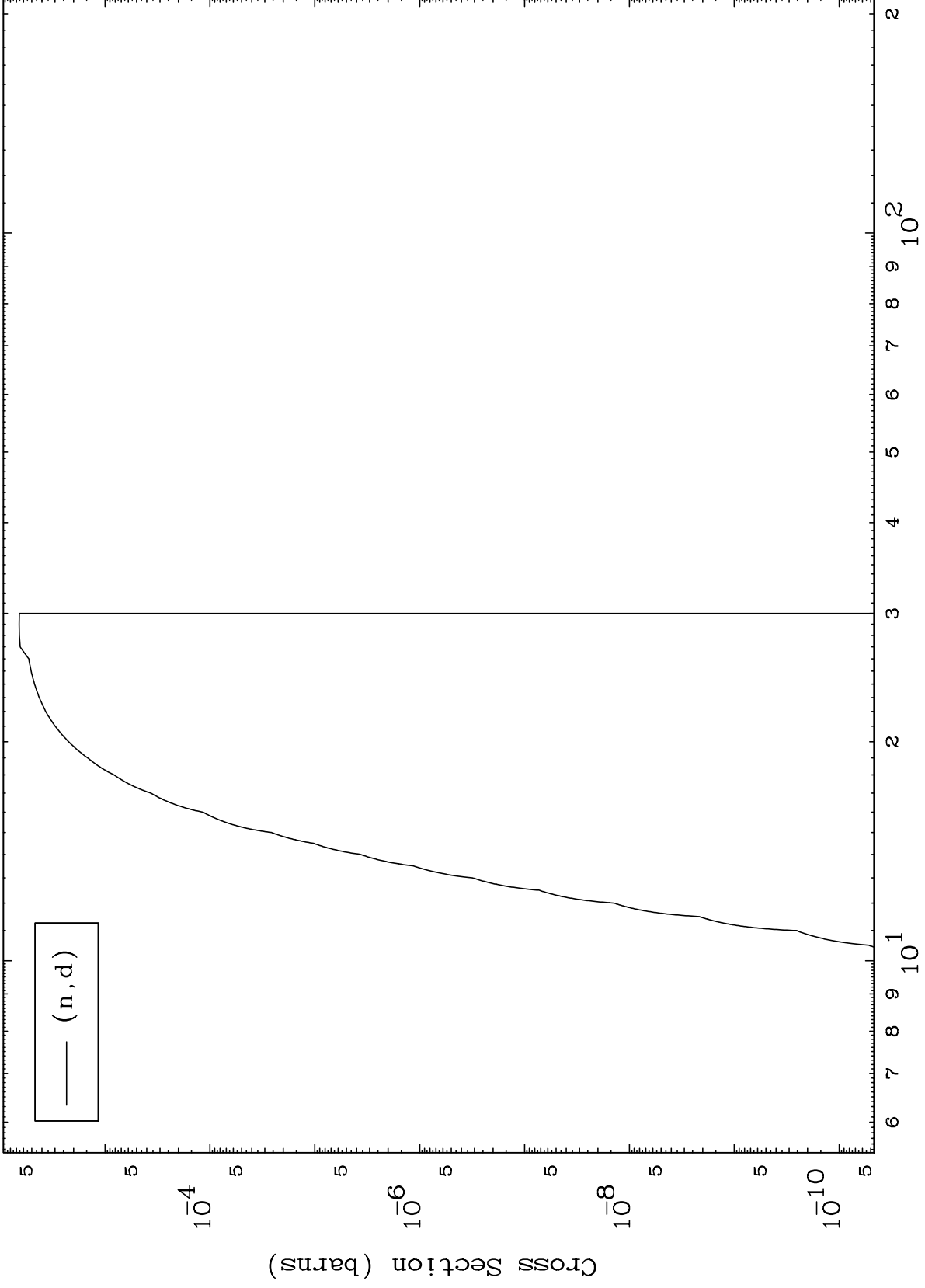
Incident Energy (MeV)

81-Tl-210

MAT 8146

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-210



13

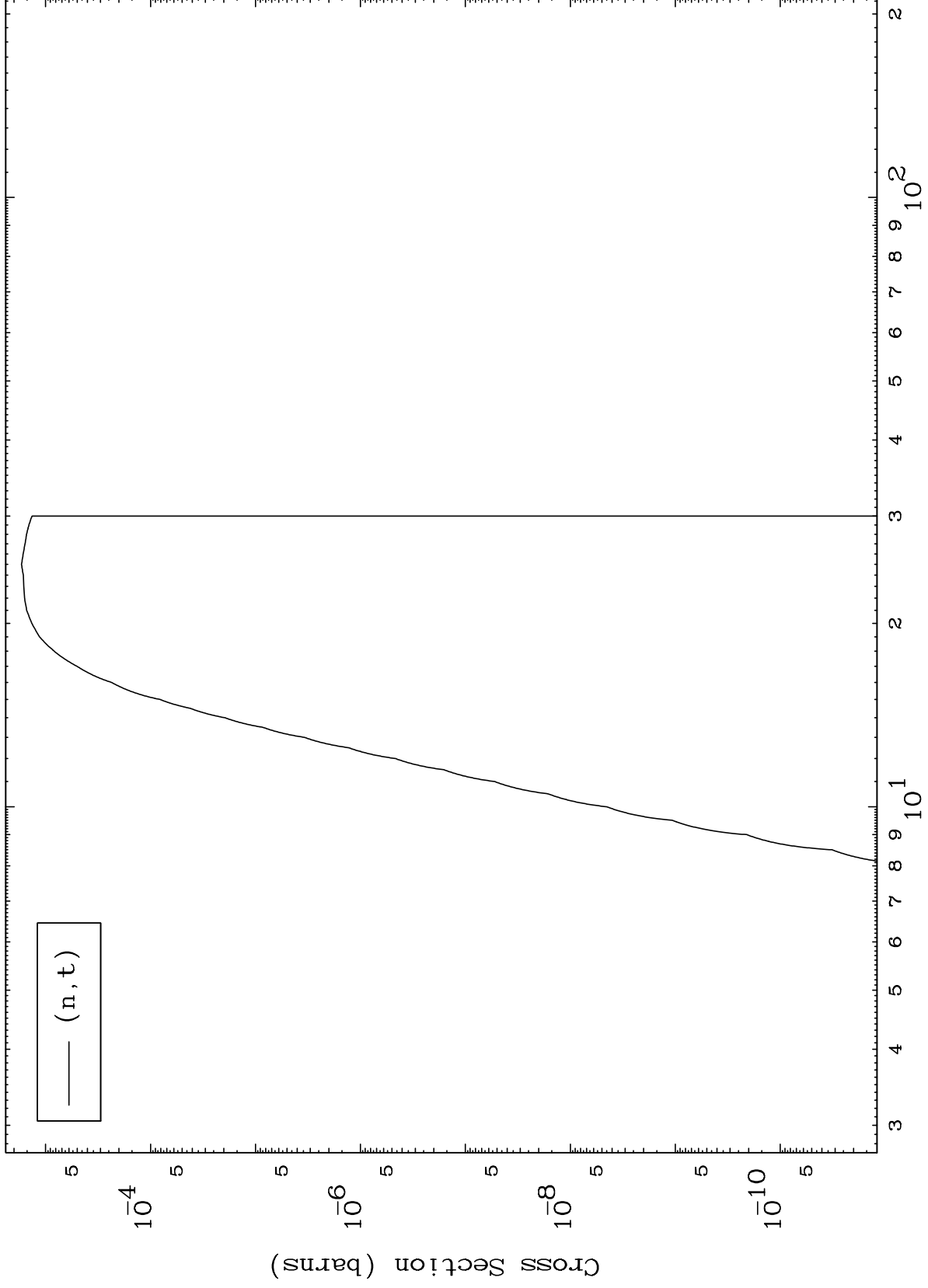
Incident Energy (MeV)

81-Tl-210

MAT 8146

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-210



14

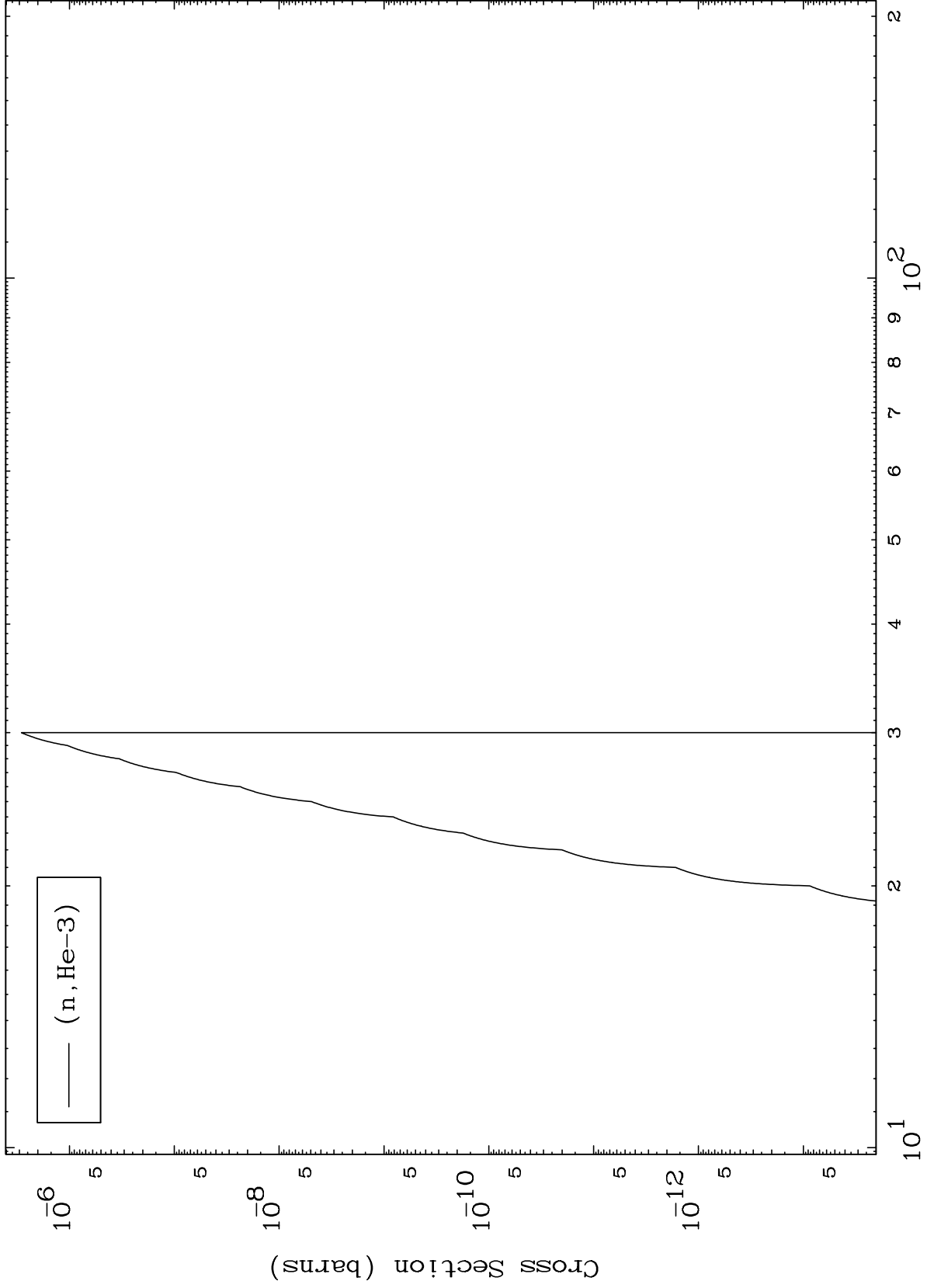
Incident Energy (MeV)

81-Tl-210

MAT 8146

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-210



15

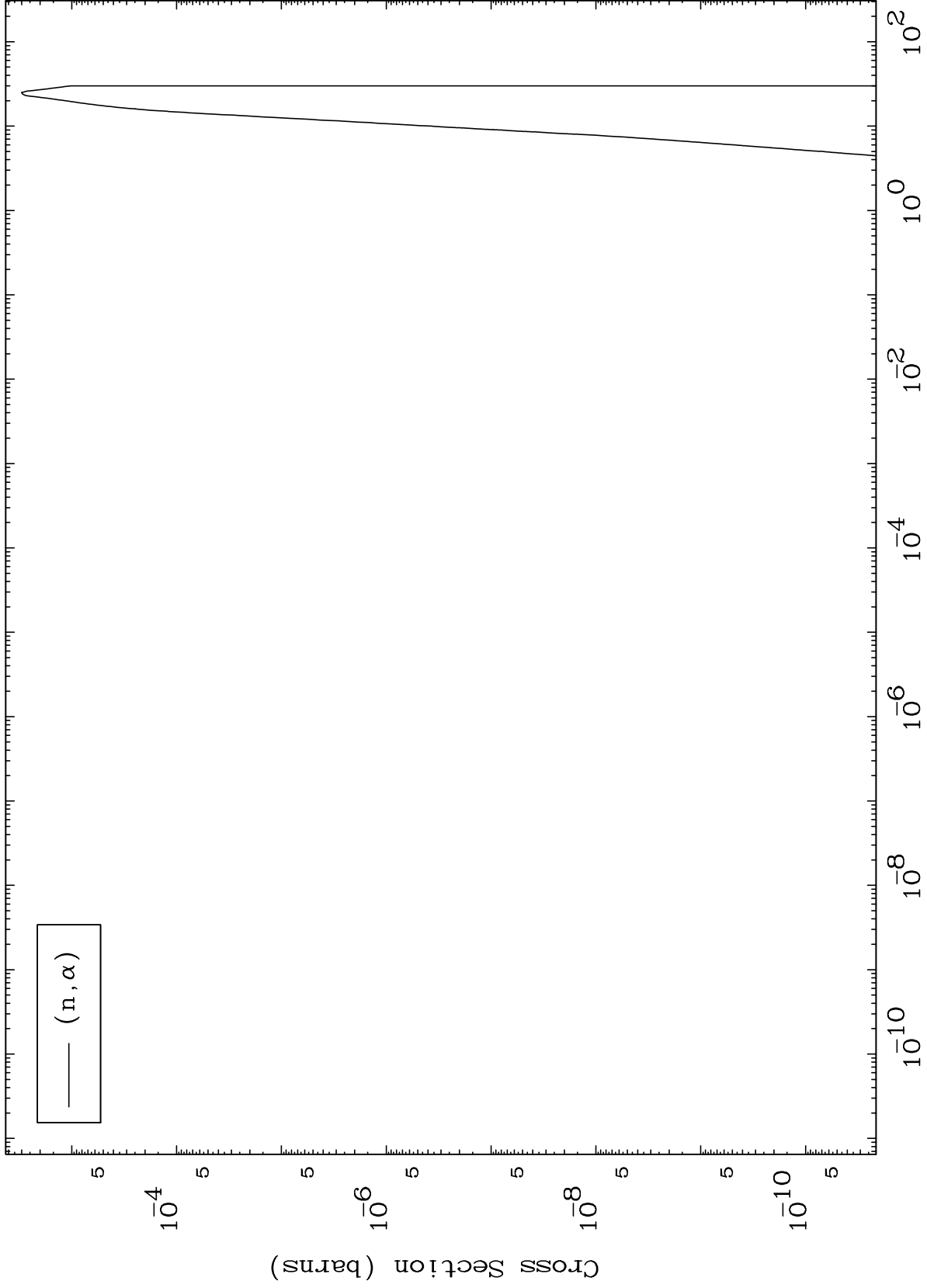
Incident Energy (MeV)

81-T1-210

MAT 8146

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

81-Tl-210



16

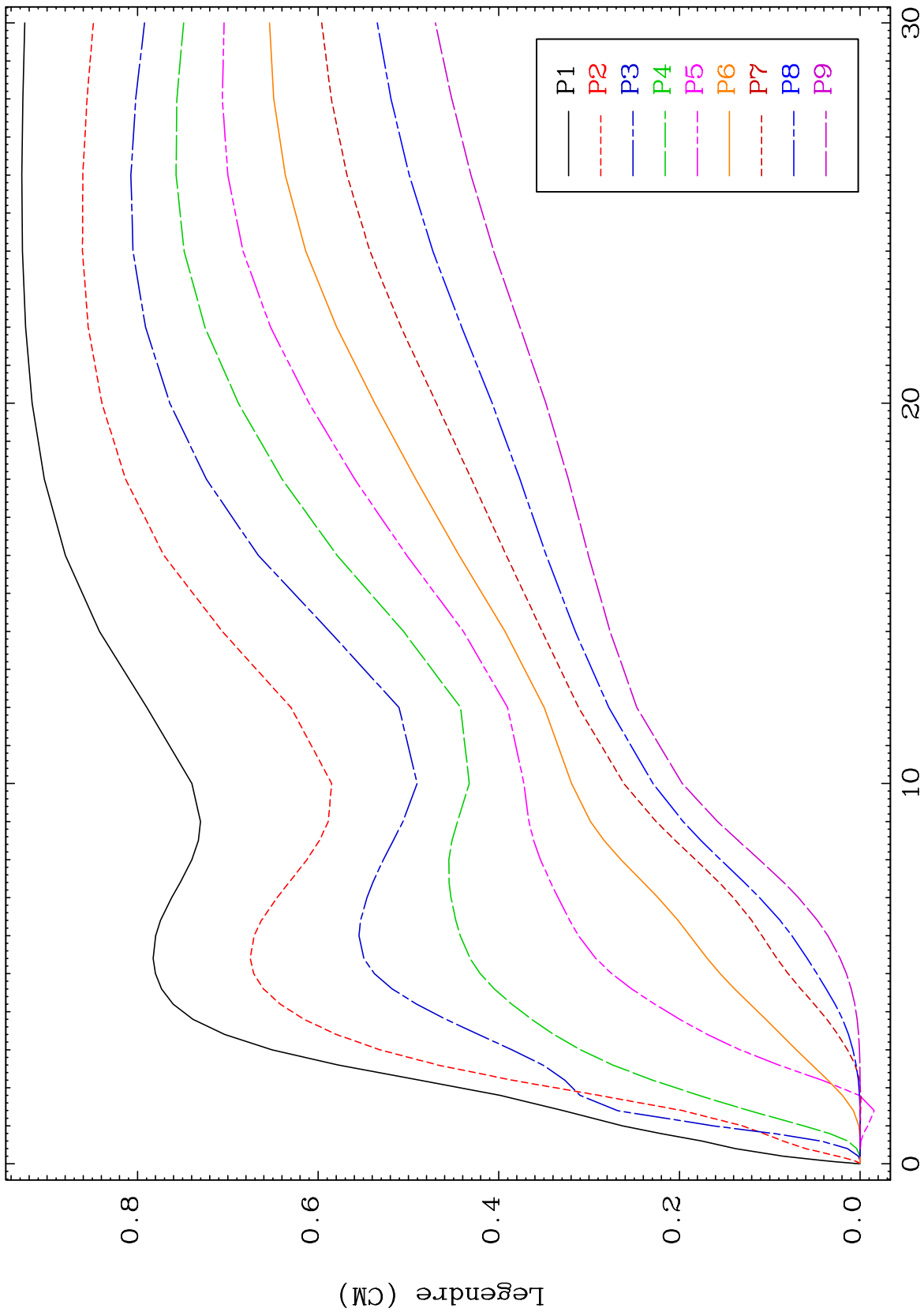
Incident Energy (MeV)

81-Tl-210

MAT 8146

81-Tl-210

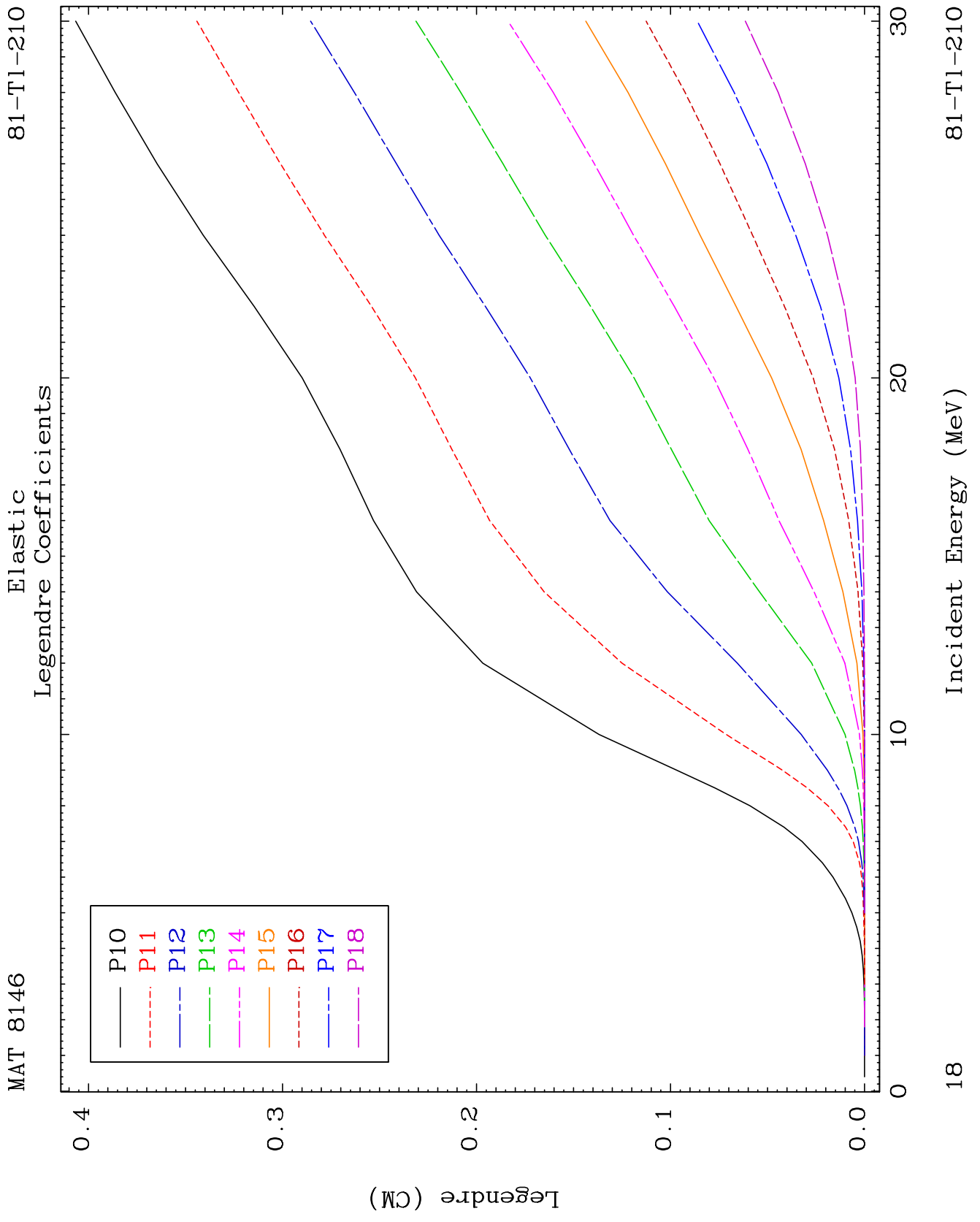
Elastic Legendre Coefficients



17

Incident Energy (MeV)

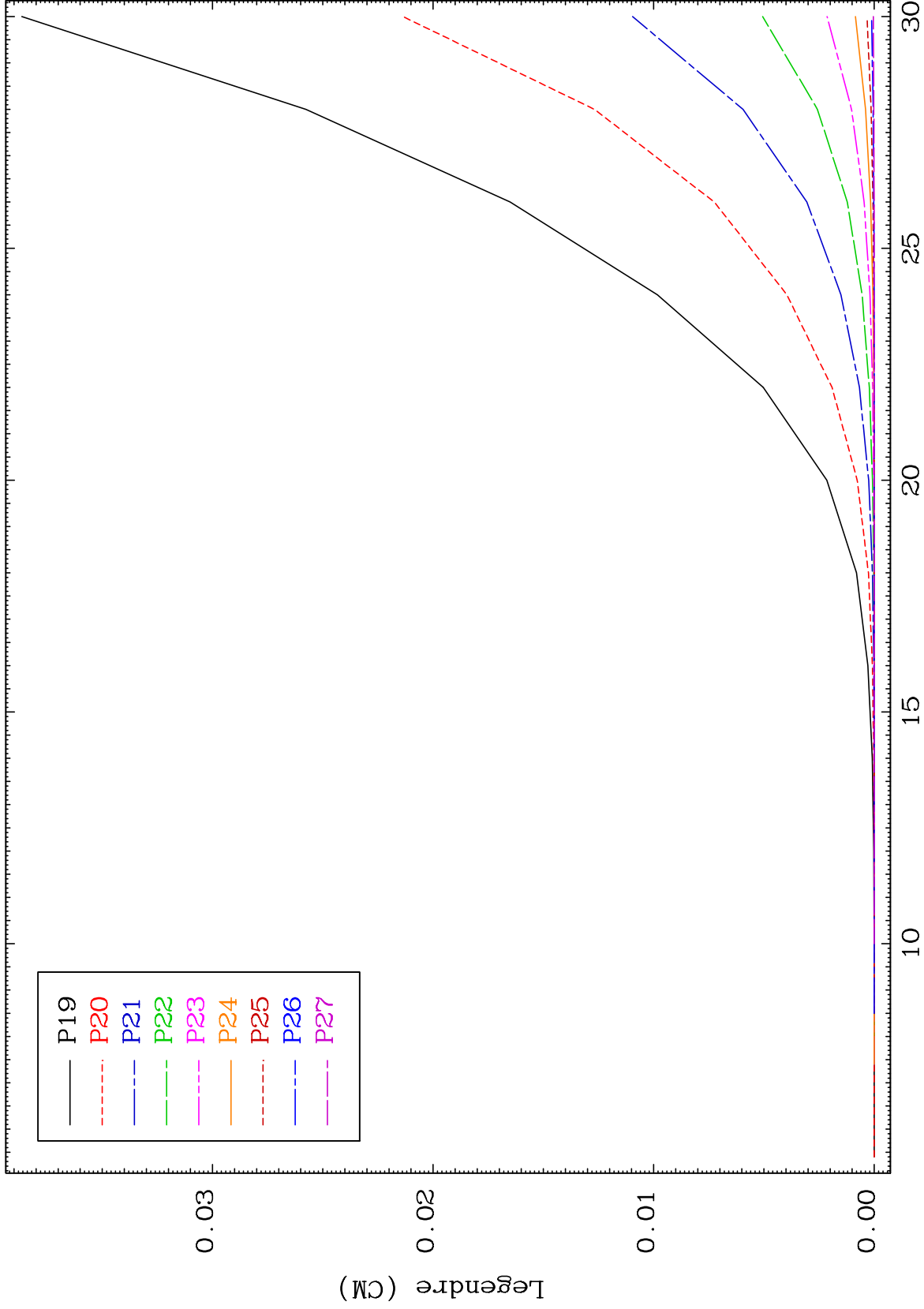
81-Tl-210



MAT 8146

### Elastic Legendre Coefficients

81-Tl-210



19

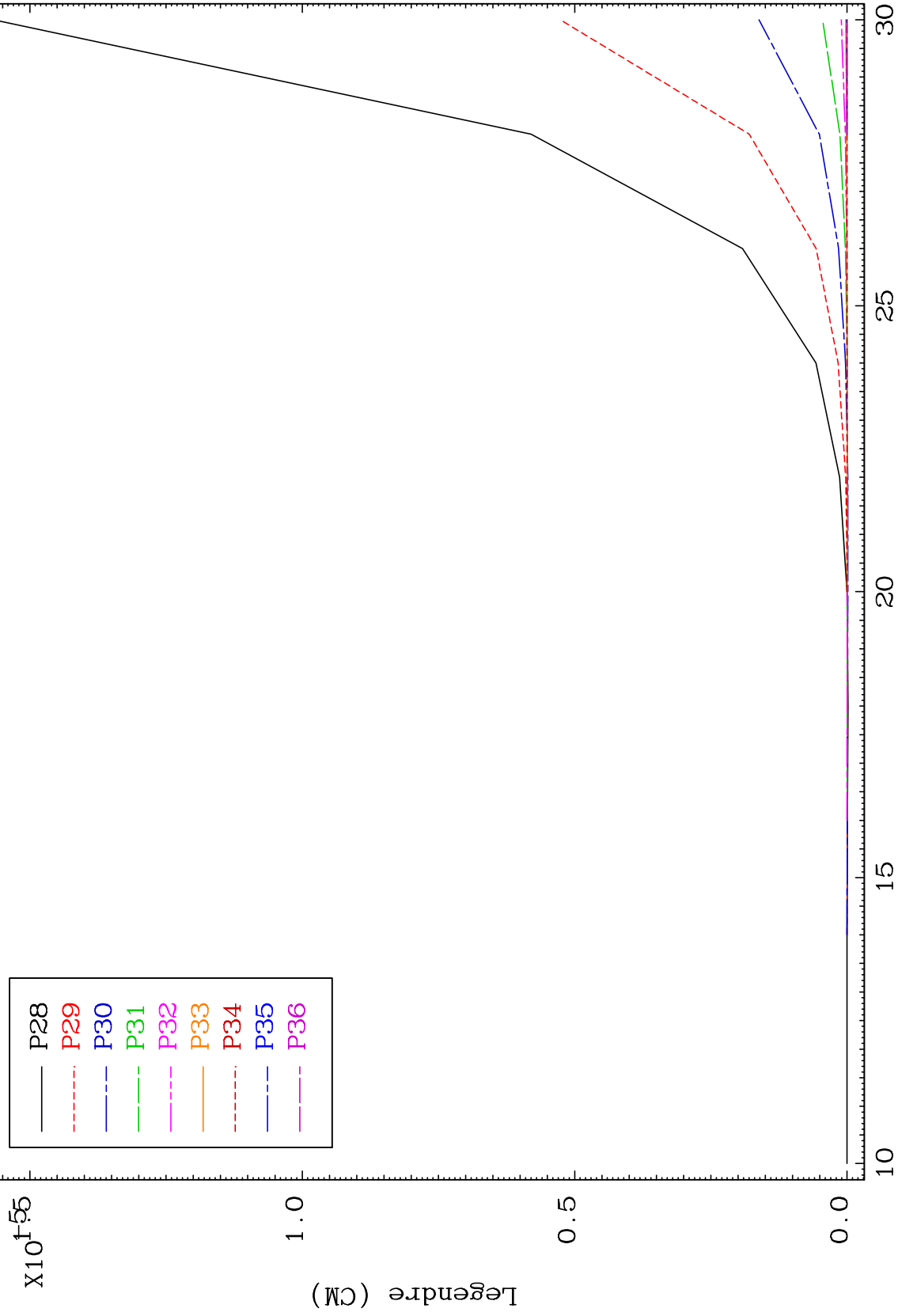
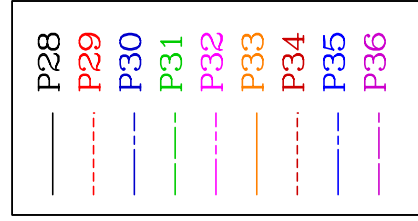
Incident Energy (MeV)

81-Tl-210

MAT 8146

Elastic  
Legendre Coefficients

81-T1-210



20

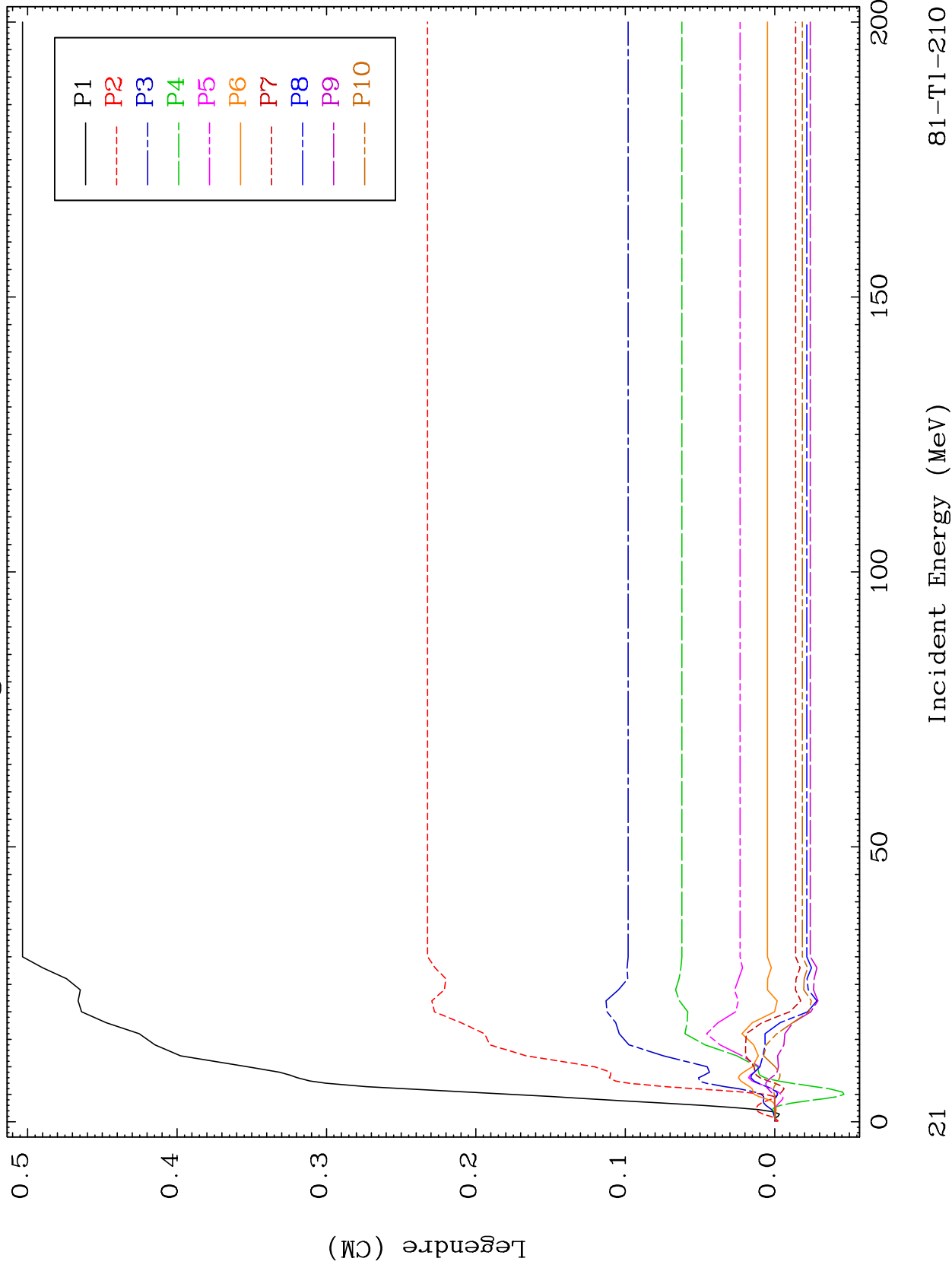
Incident Energy (MeV)

81-T1-210

MAT 8146

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

81-T1-210



21

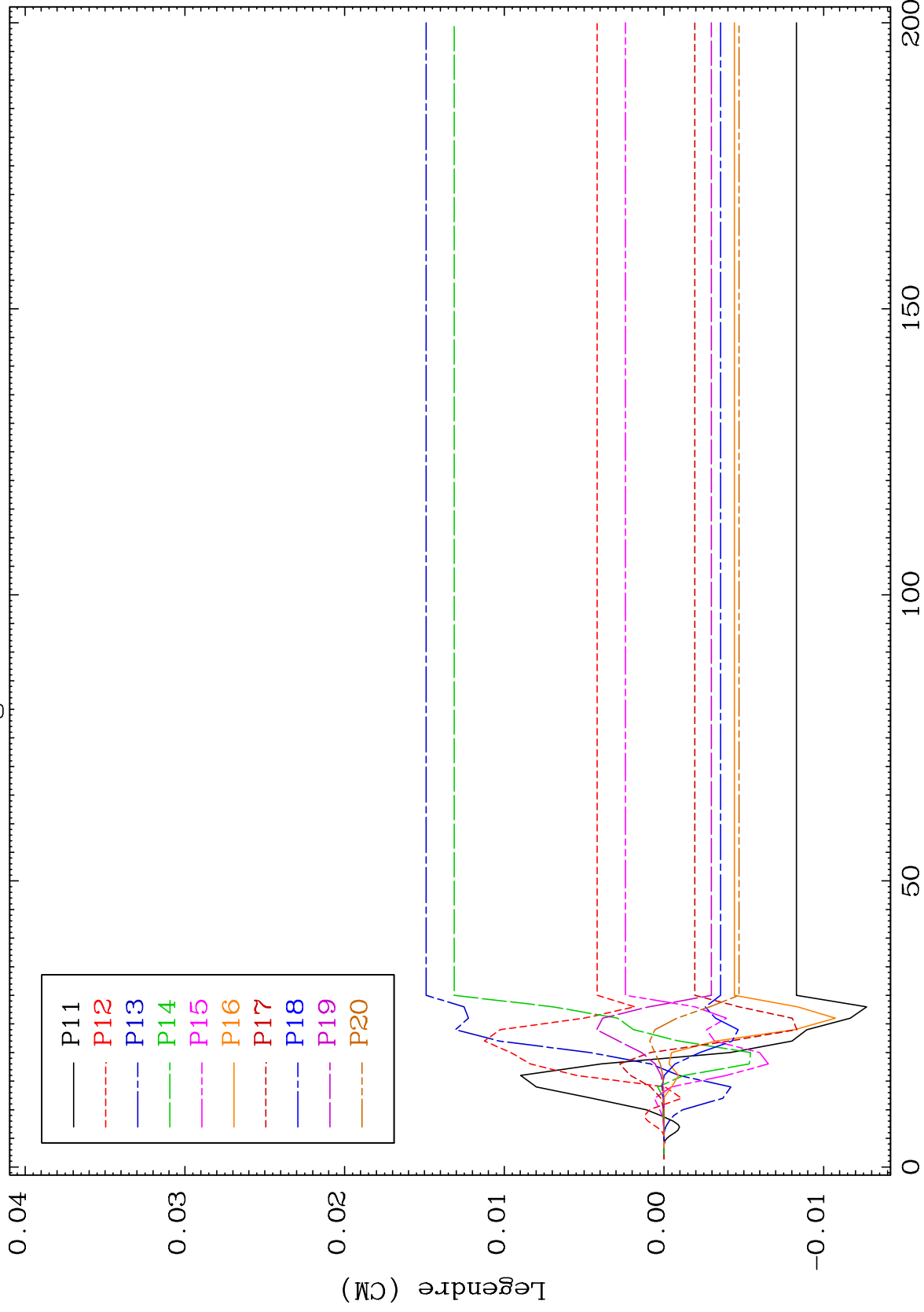
Incident Energy (MeV)

81-T1-210

MAT 8146

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

81-T1-210



22

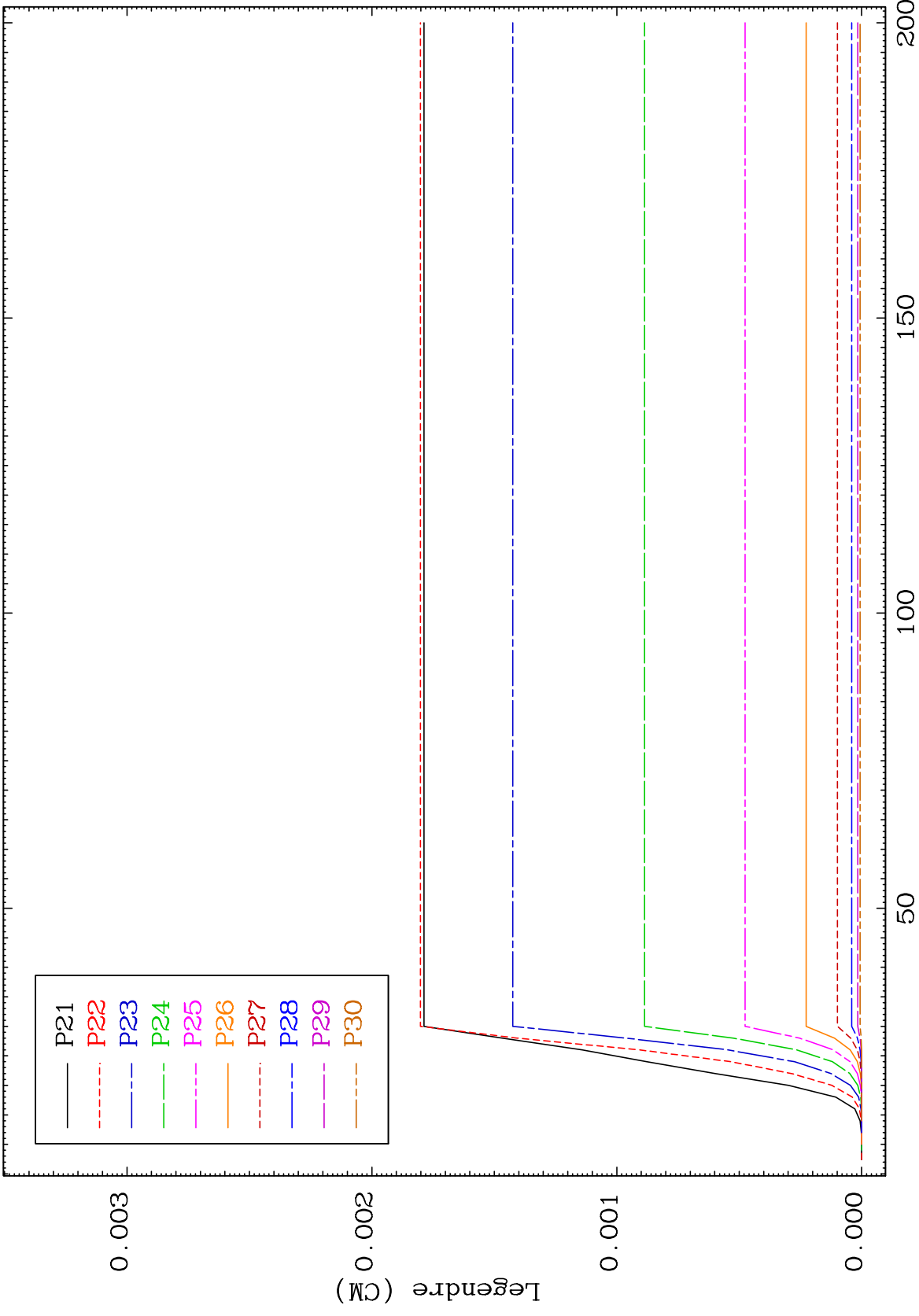
Incident Energy (MeV)

81-T1-210

MAT 8146

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

81-Tl-210



23

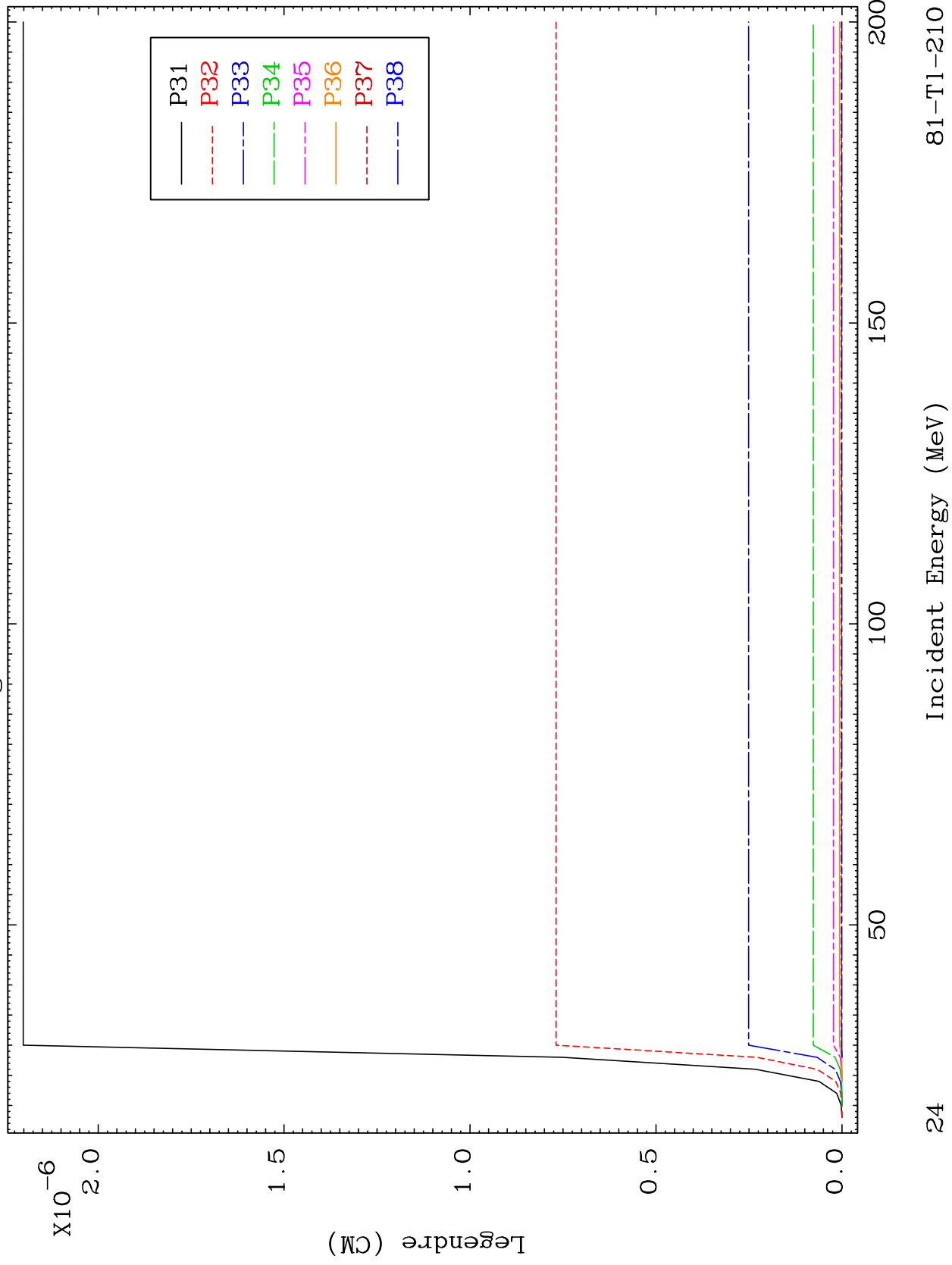
Incident Energy (MeV)

81-Tl-210

MAT 8146

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

81-Tl-210



24

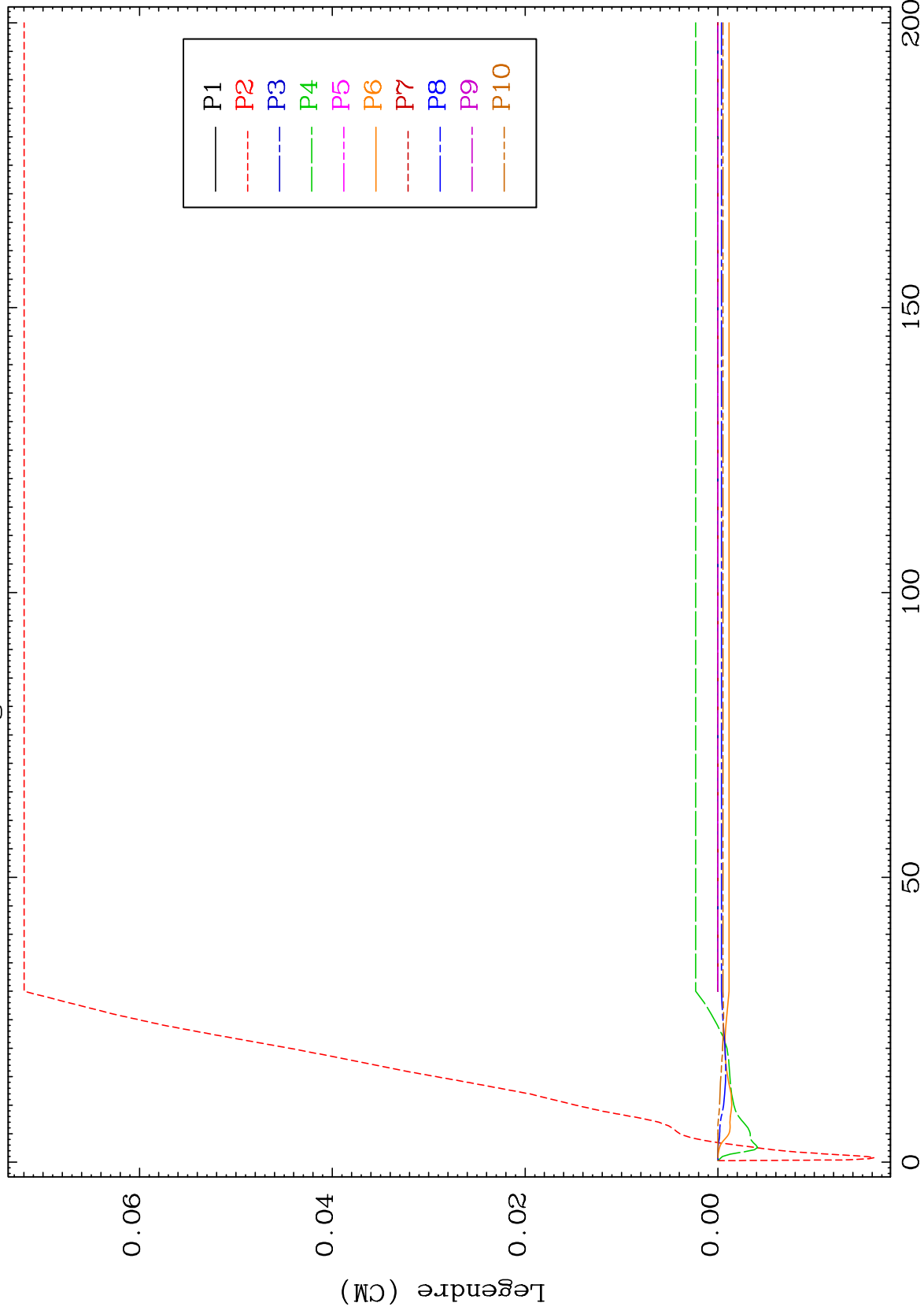
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 52 (n,n') Level  
Legendre Coefficients

81-T1-210



81-T1-210

Incident Energy (MeV)

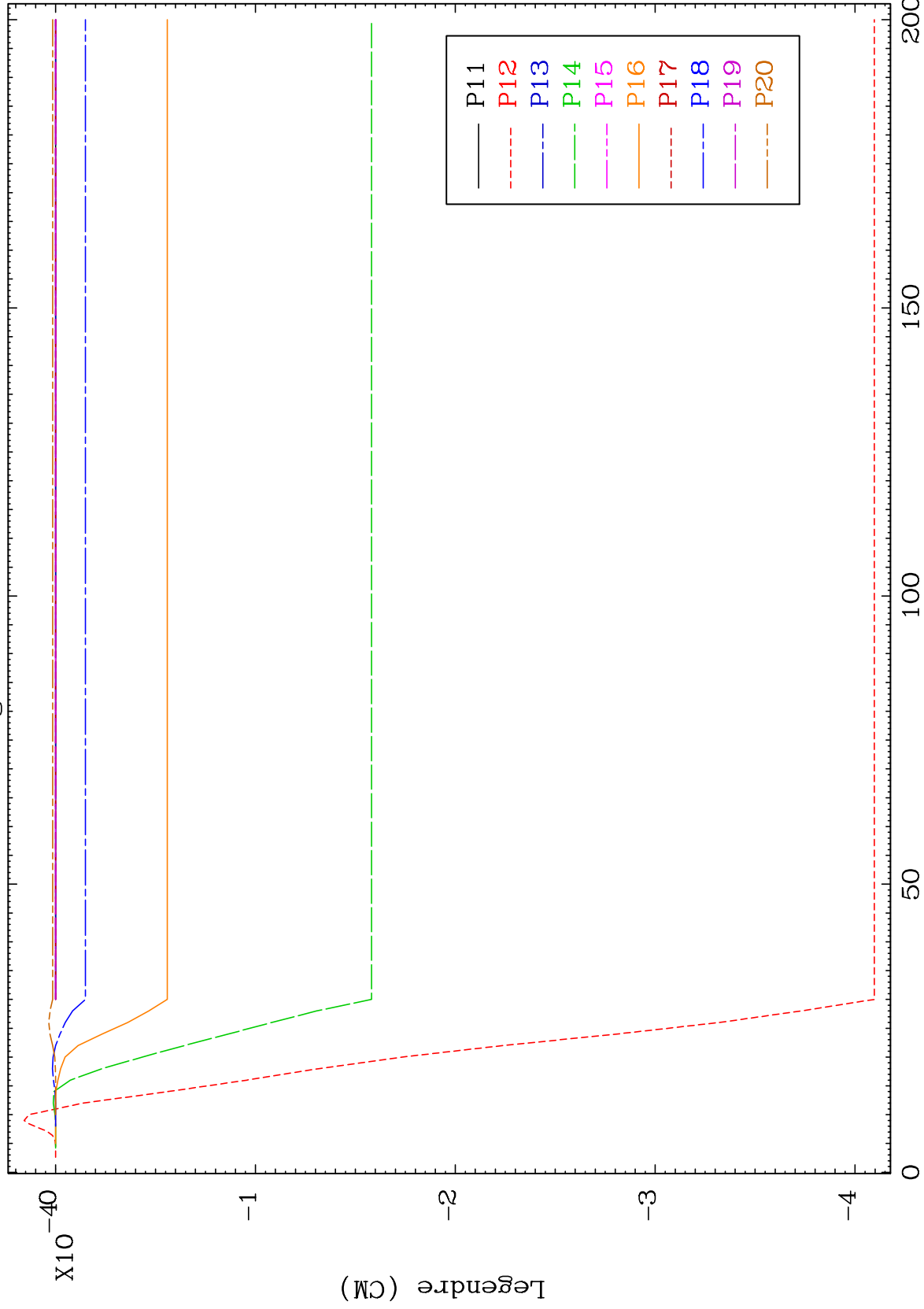
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MAT 8146

MT= 52 (n,n') Level

81-Tl-210

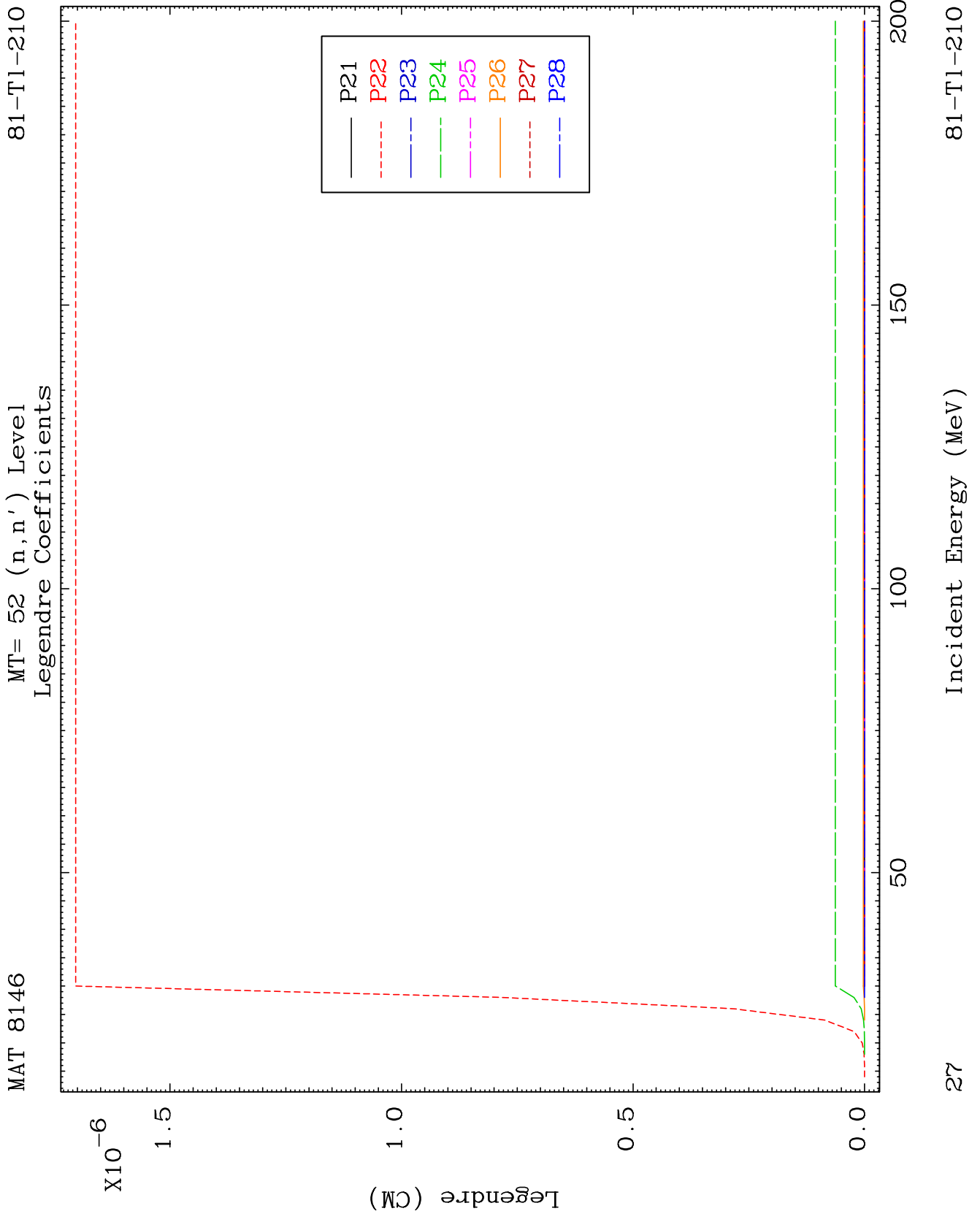
Legendre Coefficients



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Incident Energy (MeV)

81-Tl-210

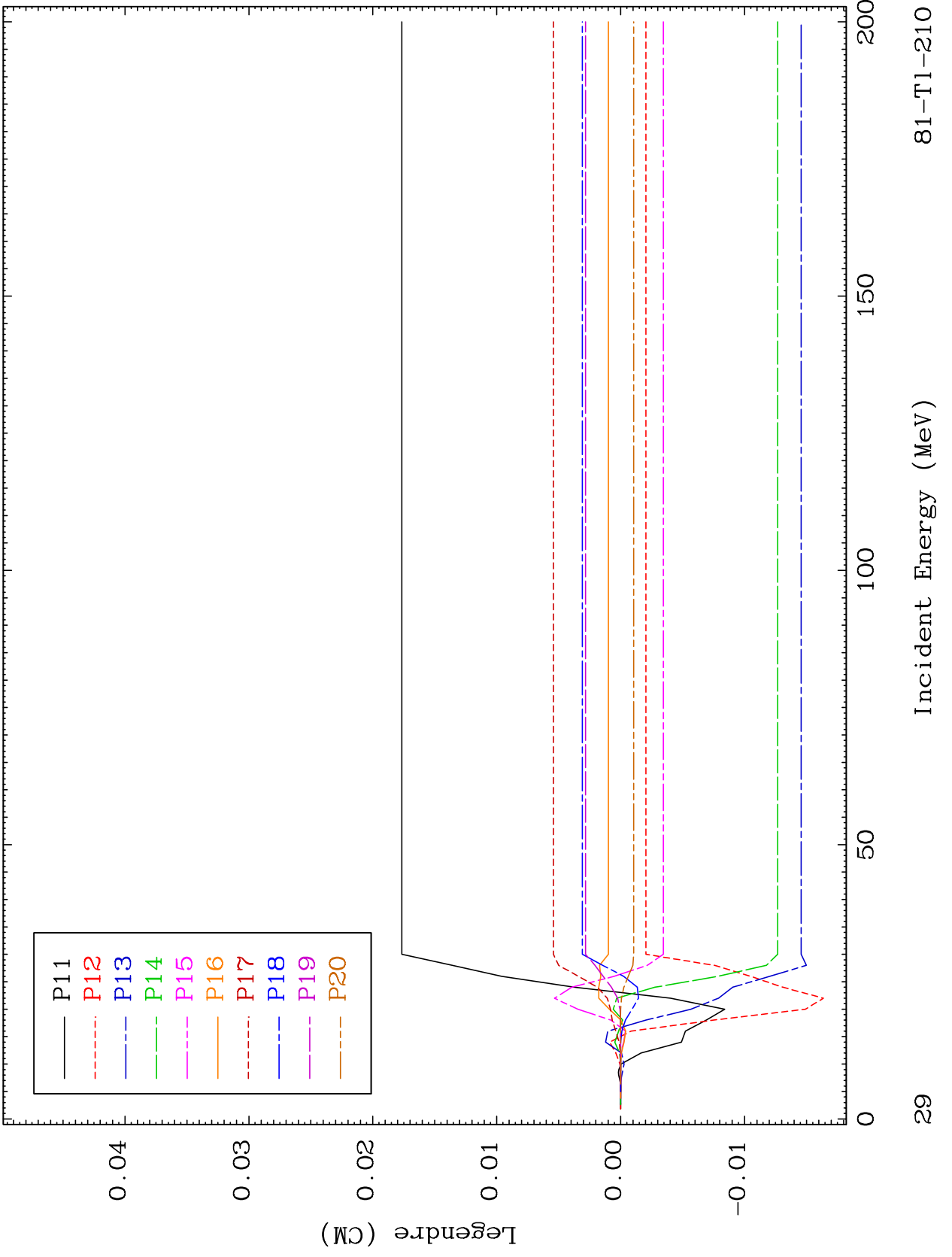




MAT 8146

MT= 53 (n,n') Level  
Legendre Coefficients

81-Tl-210



29

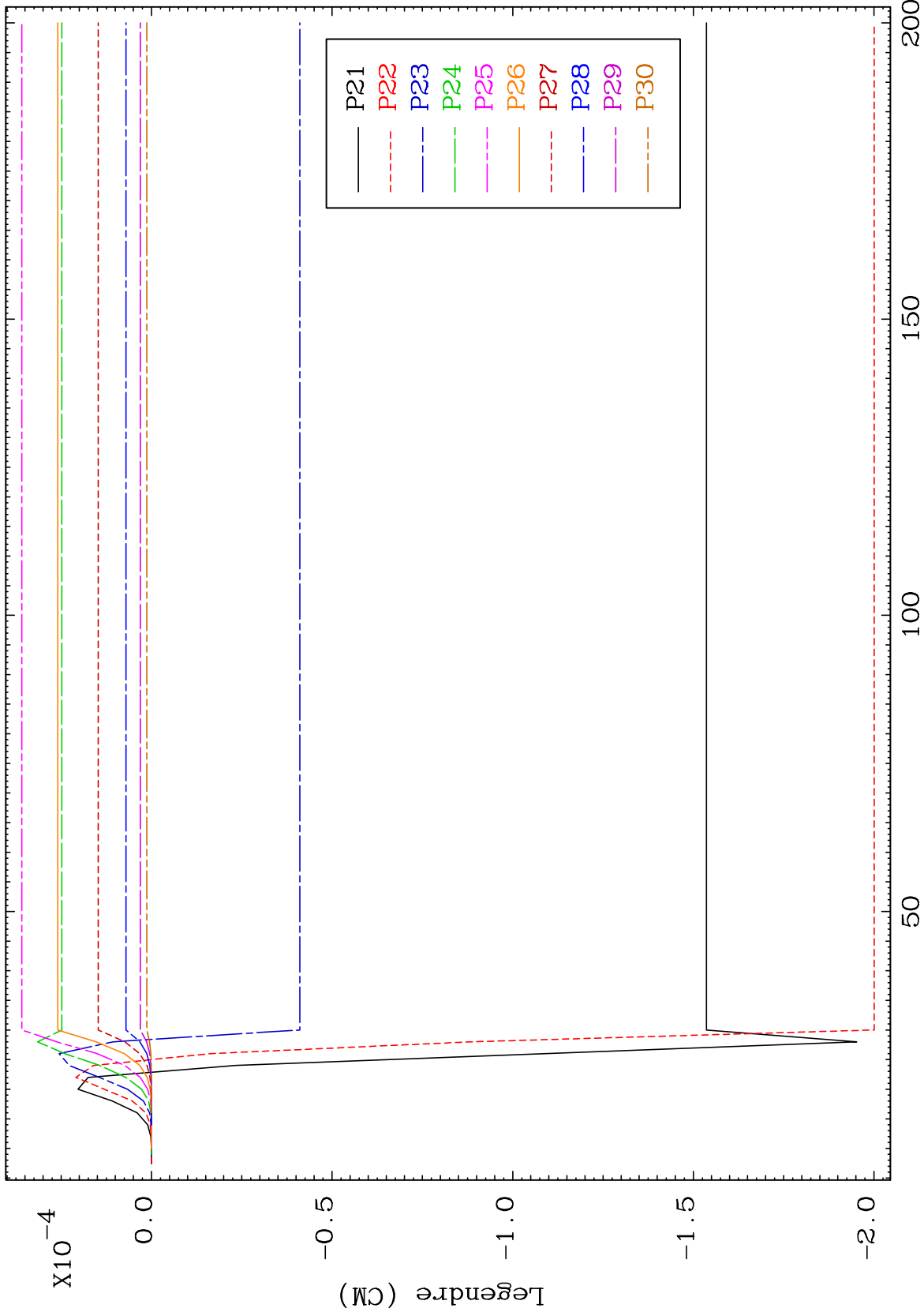
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 53 (n,n') Level  
Legendre Coefficients

81-Tl-210



30

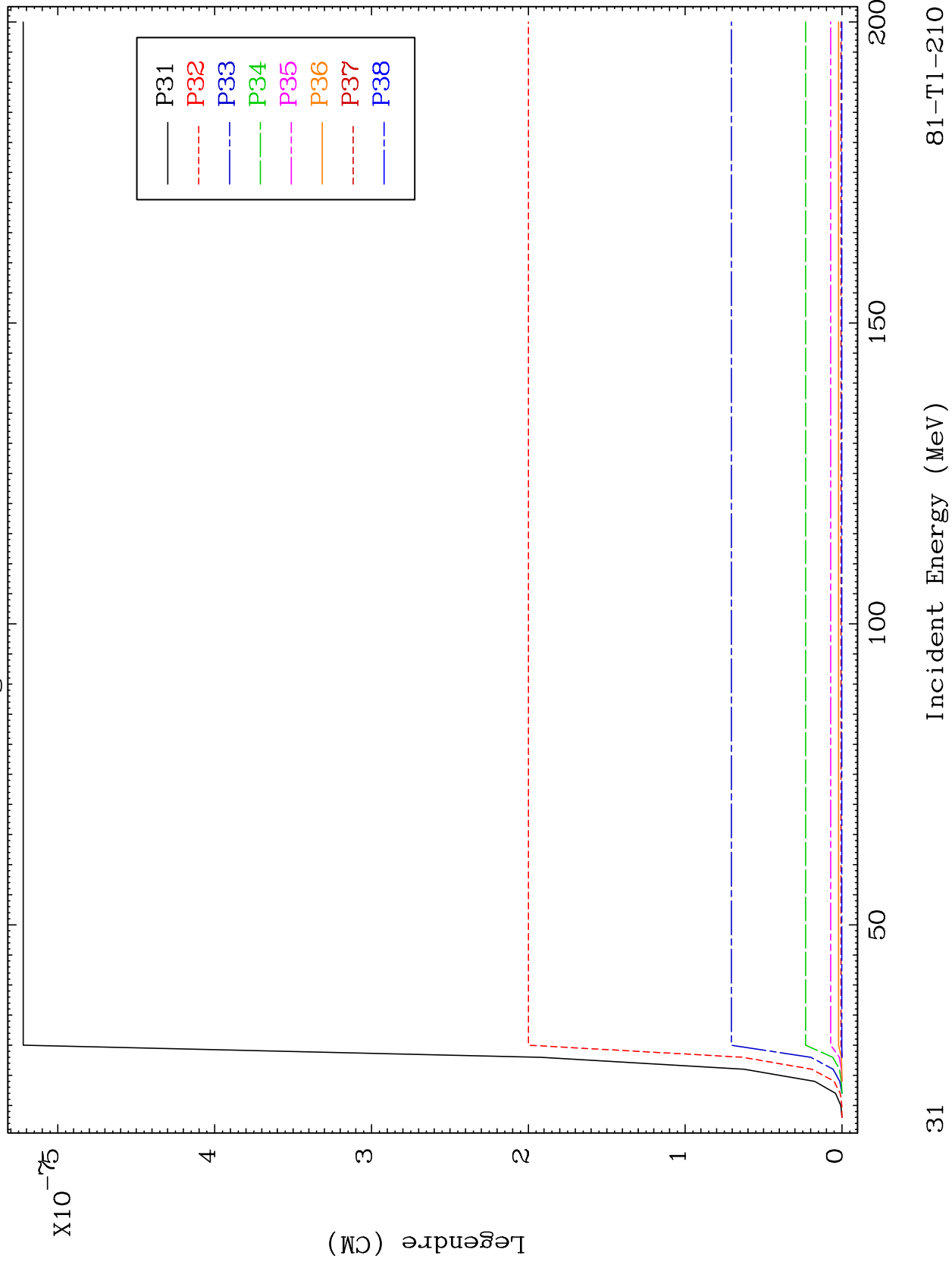
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 53 (n,n') Level  
Legendre Coefficients

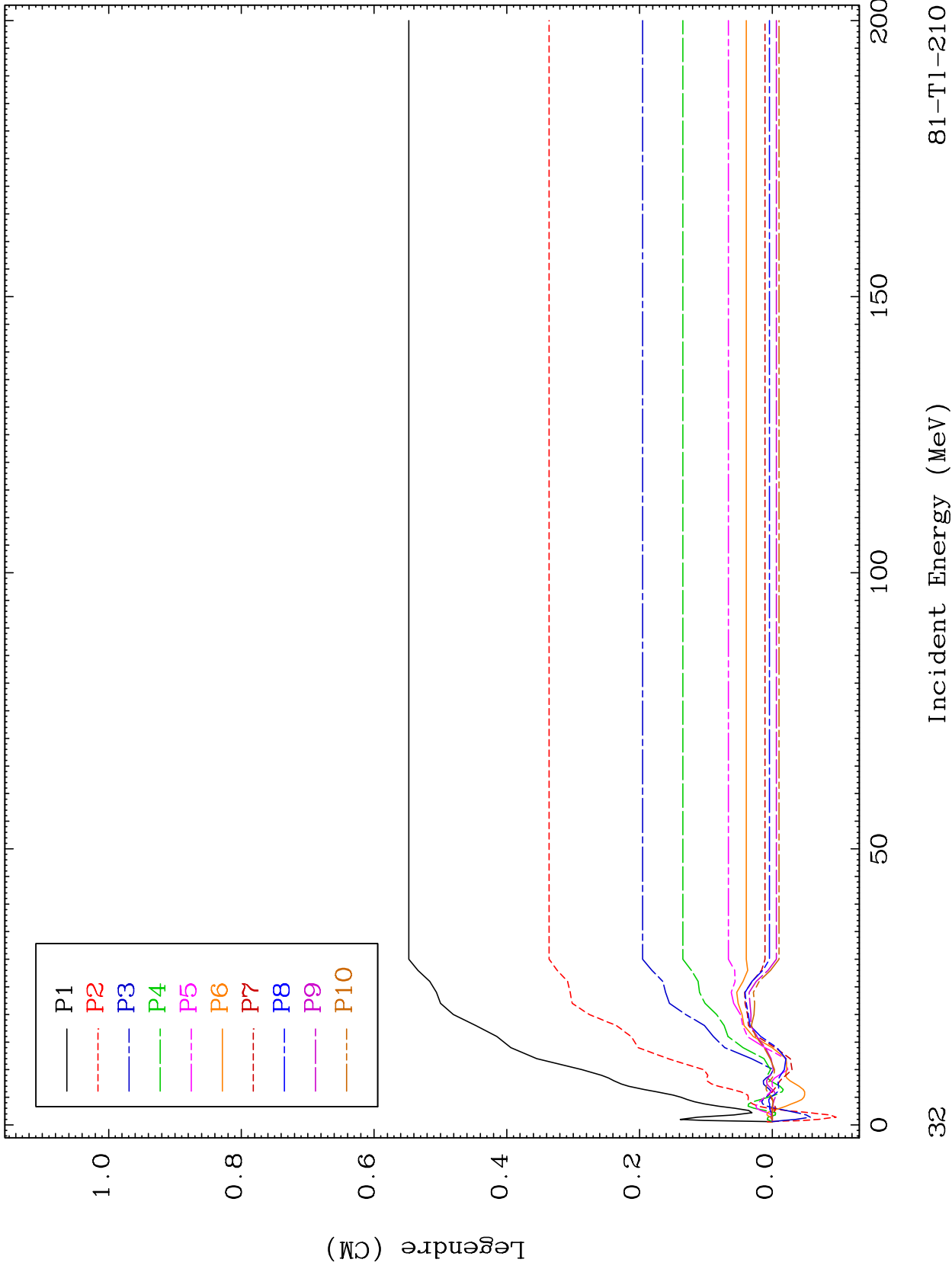
81-T1-210



MAT 8146

MT= 54 (n,n') Level  
Legendre Coefficients

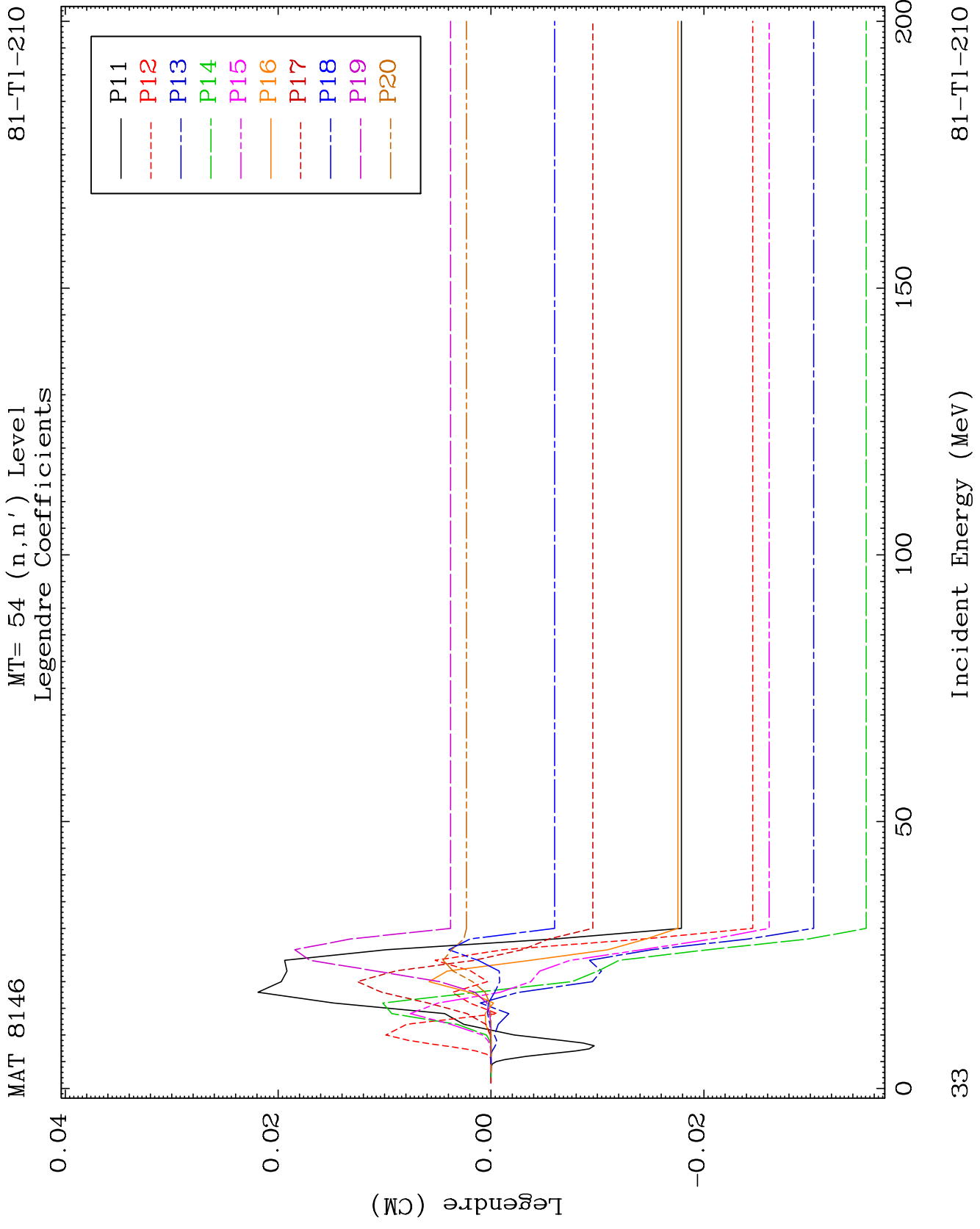
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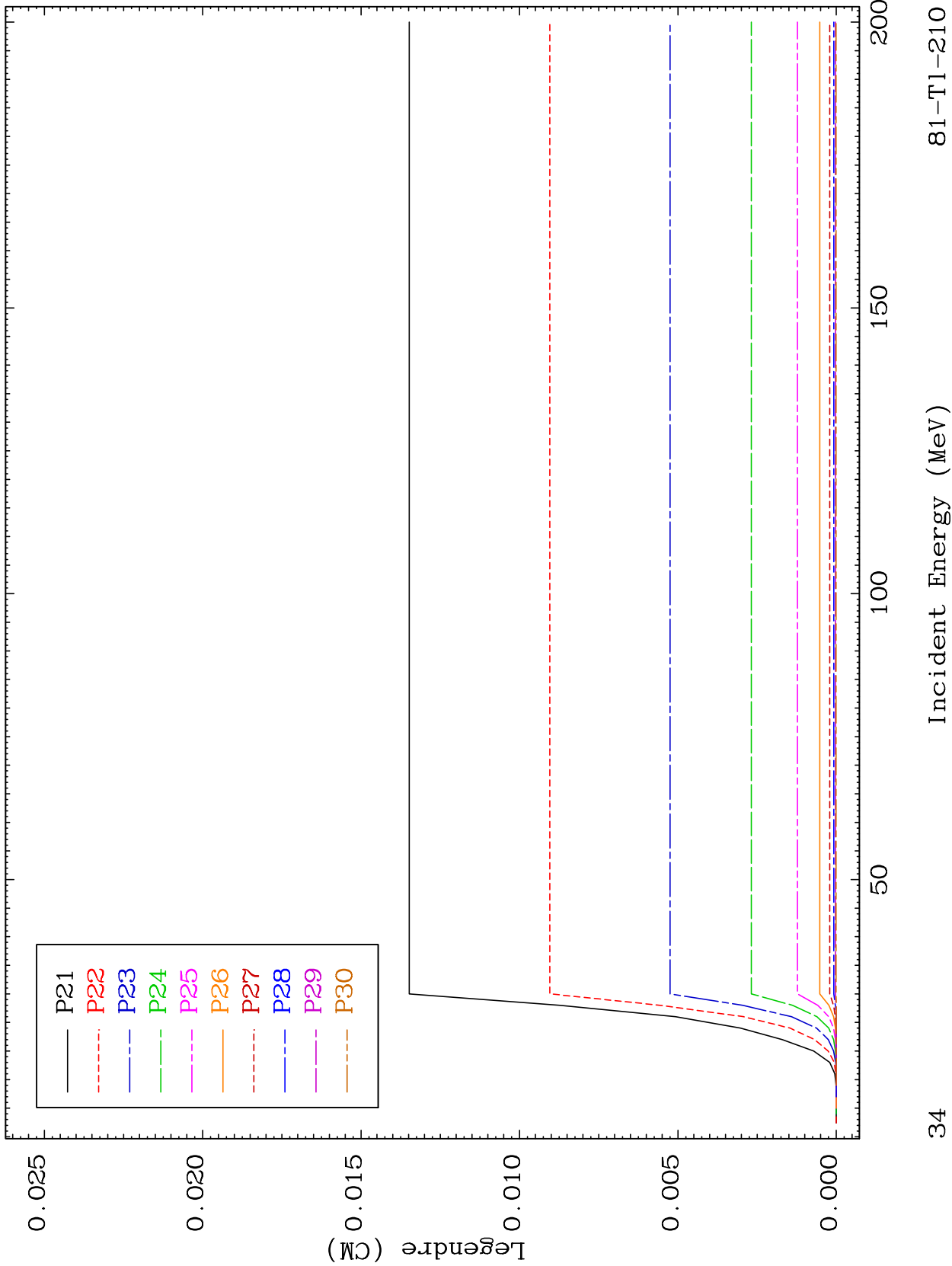


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Incident Energy (MeV)

81-Tl-210

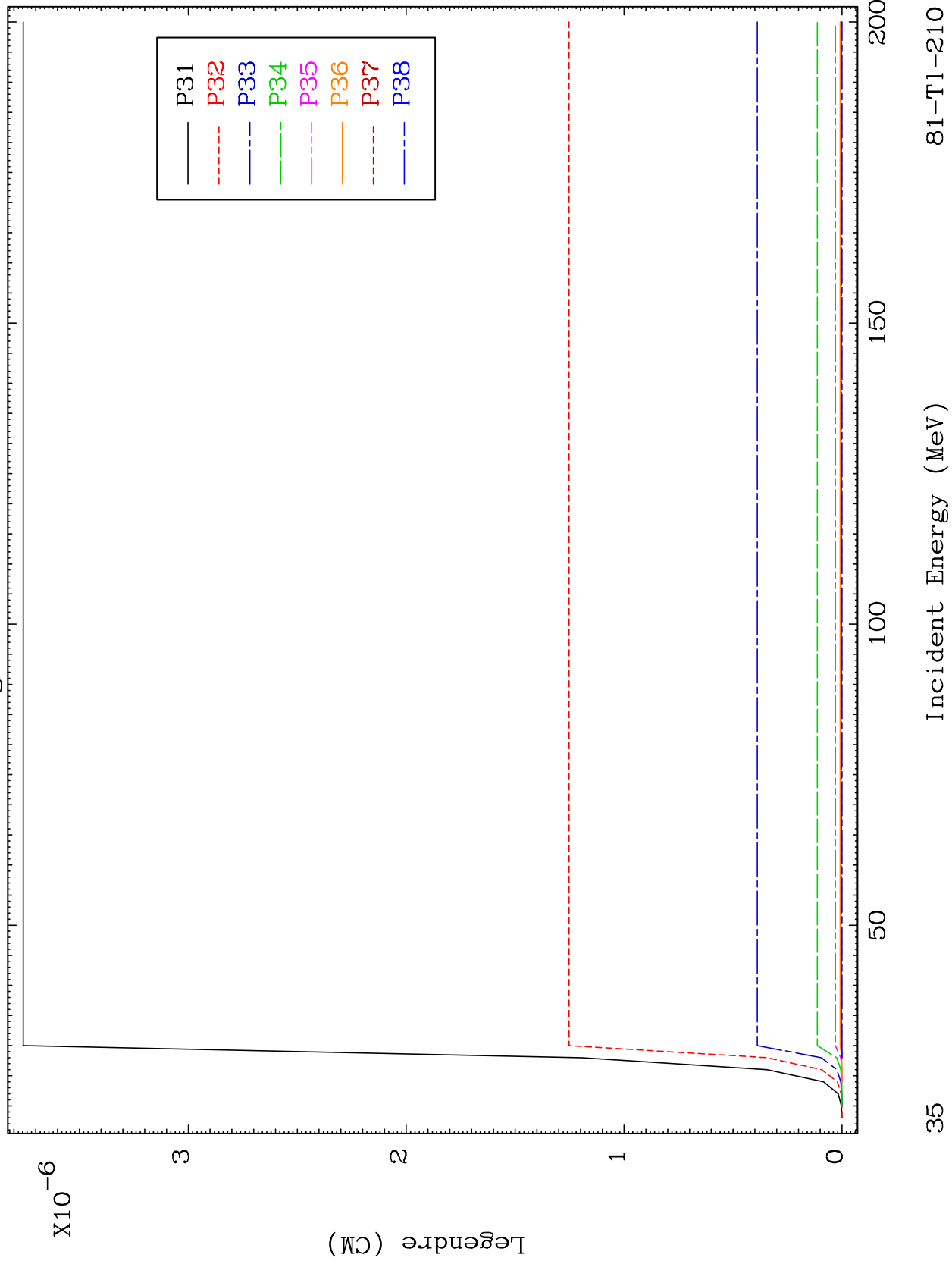




MAT 8146

MT= 54 (n,n') Level  
Legendre Coefficients

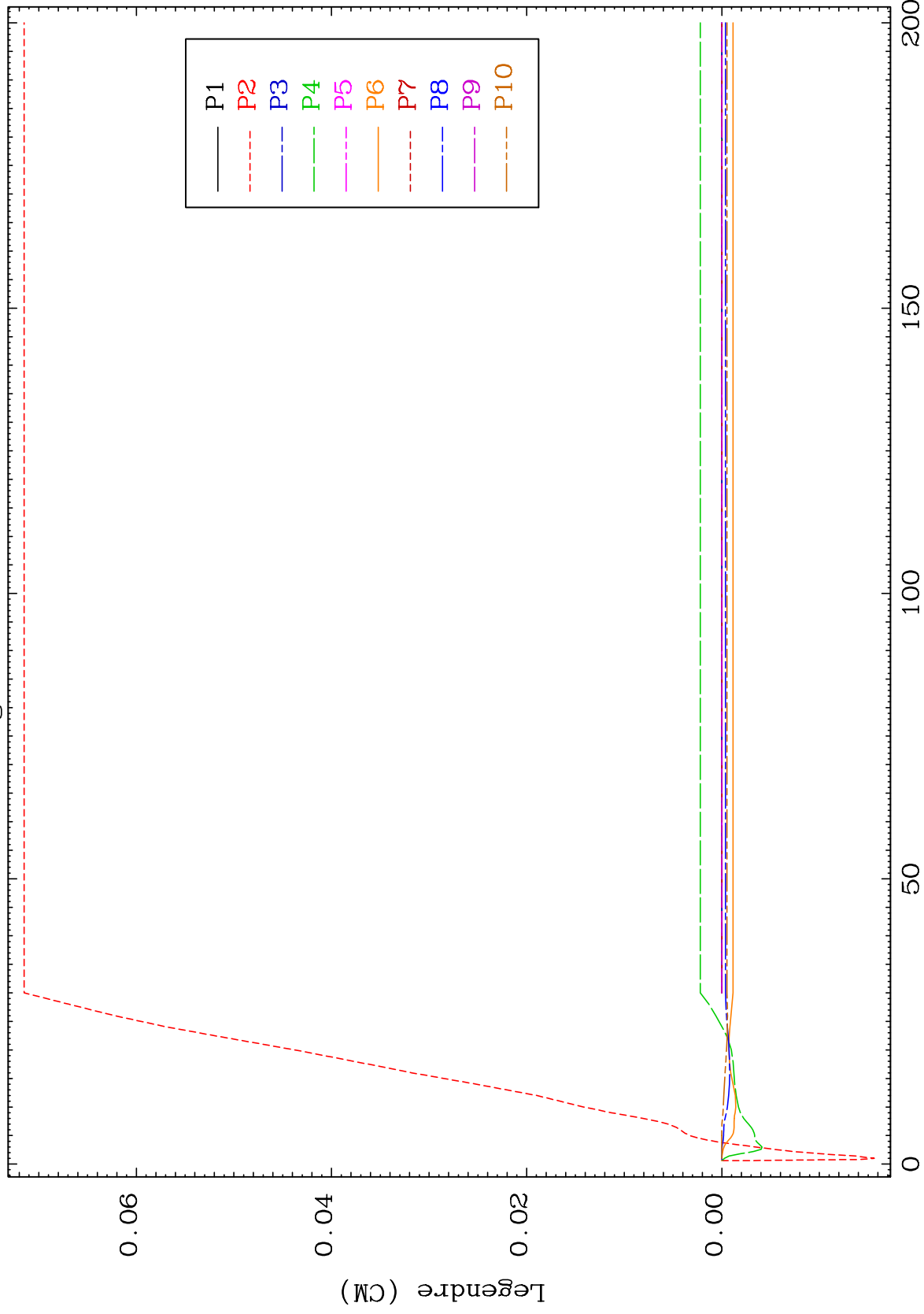
81-Tl-210



MAT 8146

MT= 55 (n,n') Level  
Legendre Coefficients

81-Tl-210



36

Incident Energy (MeV)

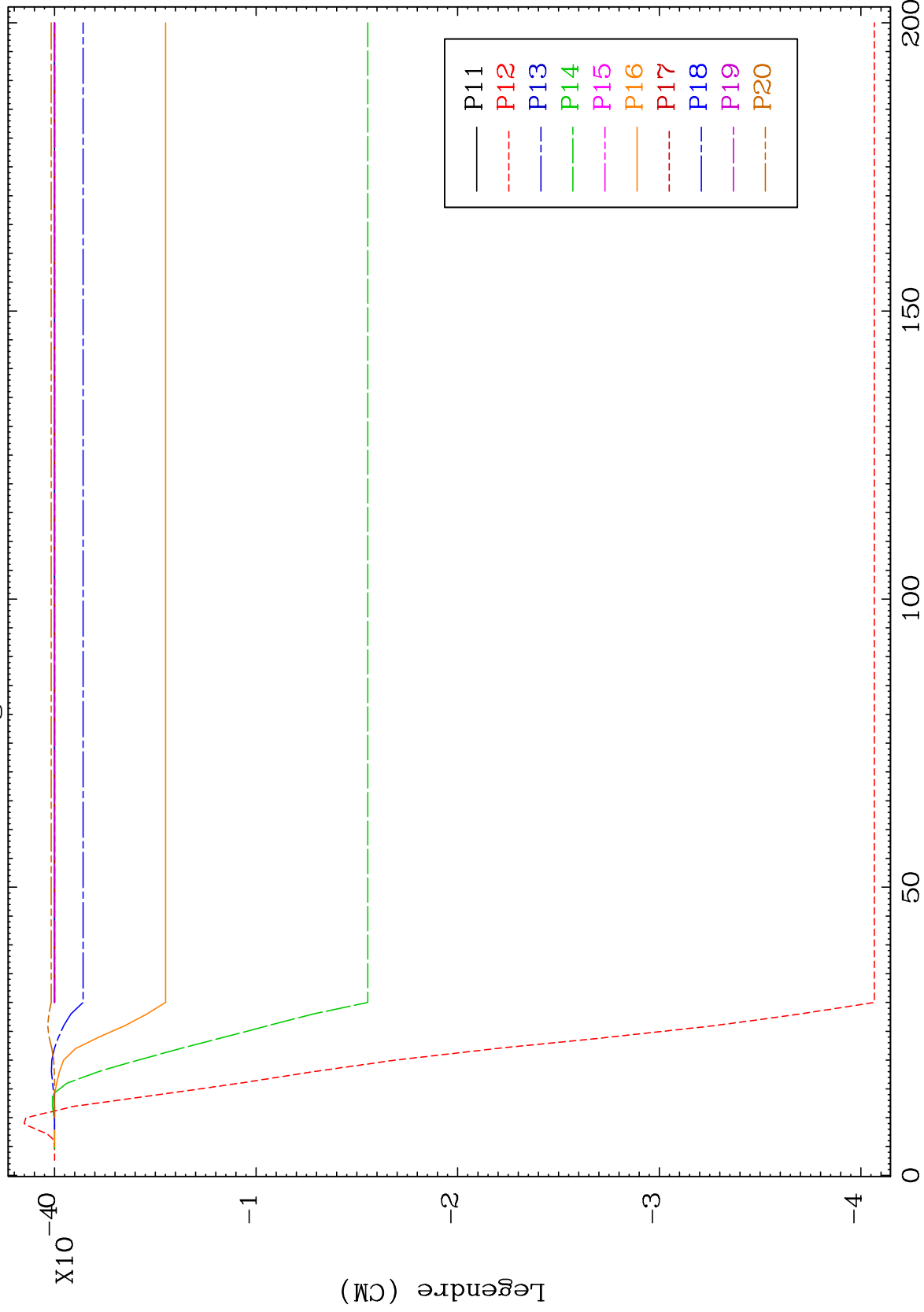
81-Tl-210

MAT 8146

MT= 55 (n,n') Level

81-Tl-210

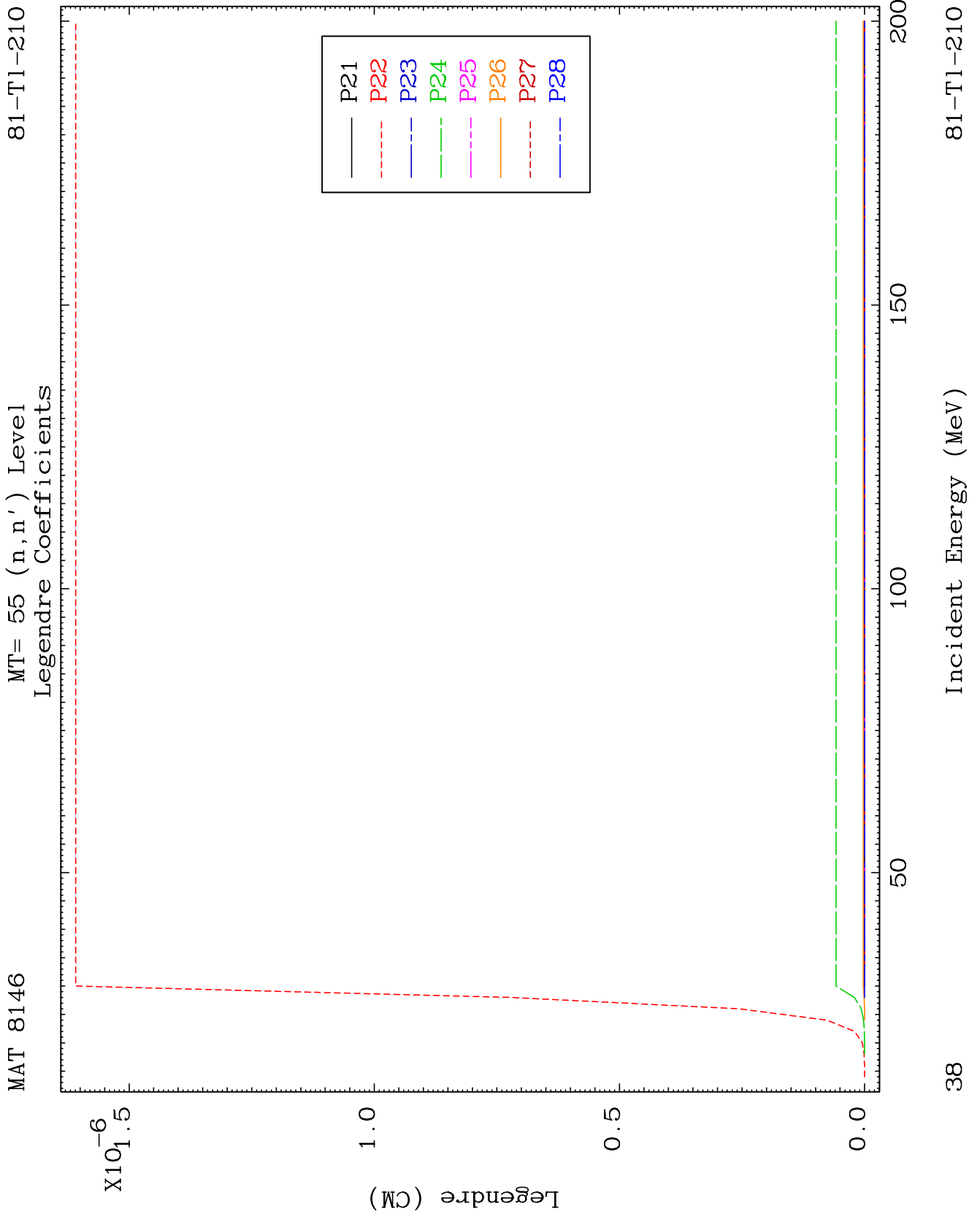
Legendre Coefficients



37

Incident Energy (MeV)

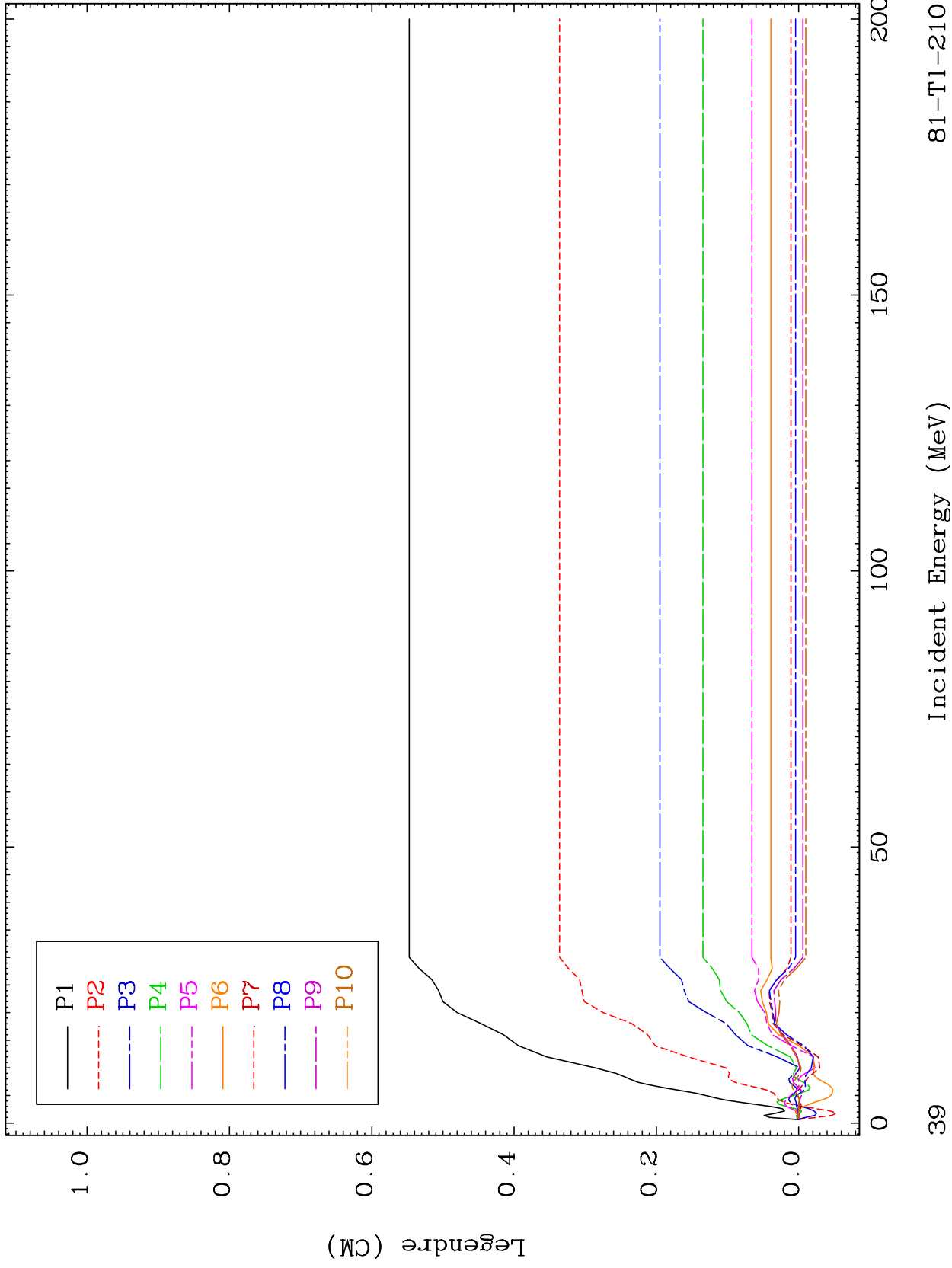
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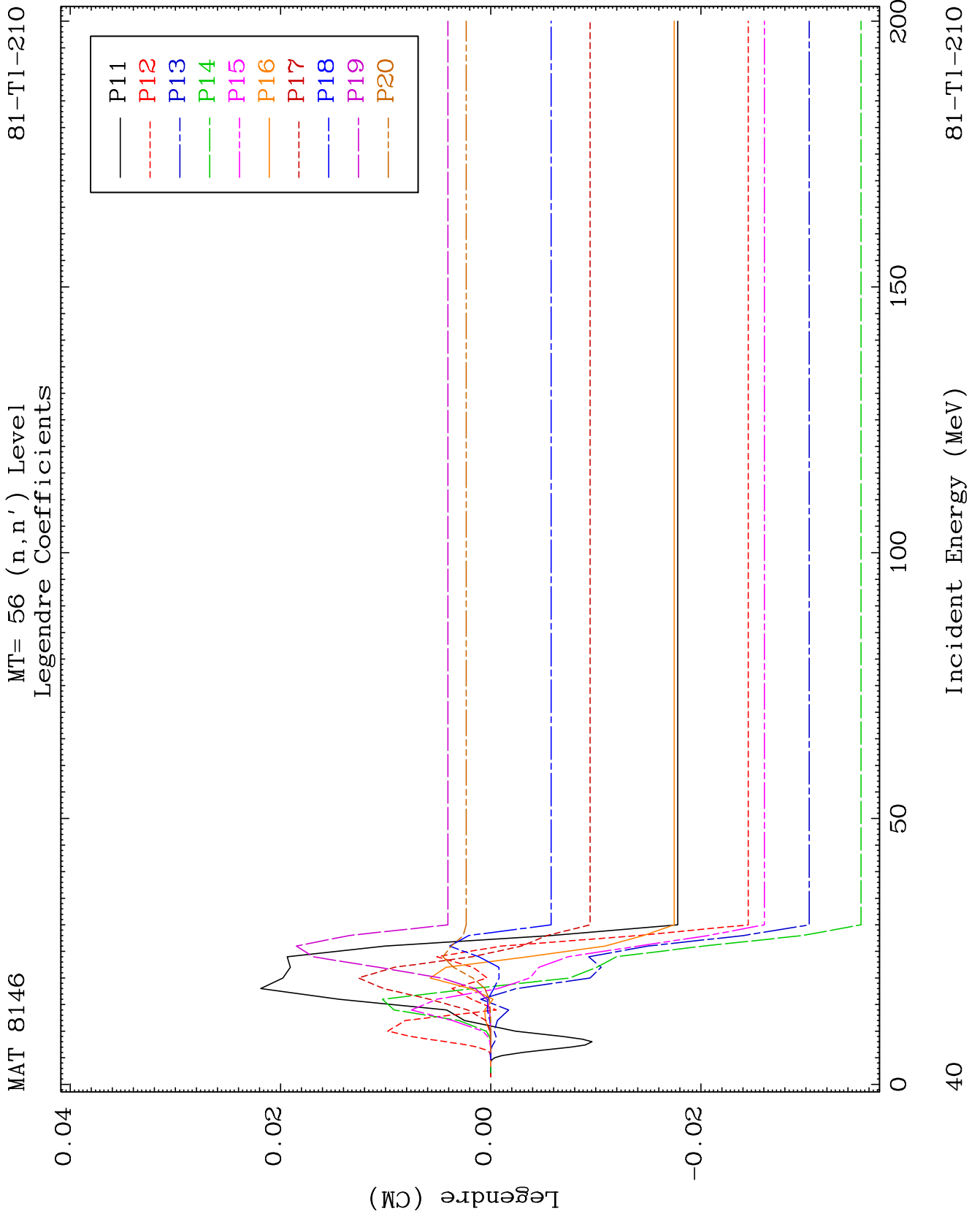


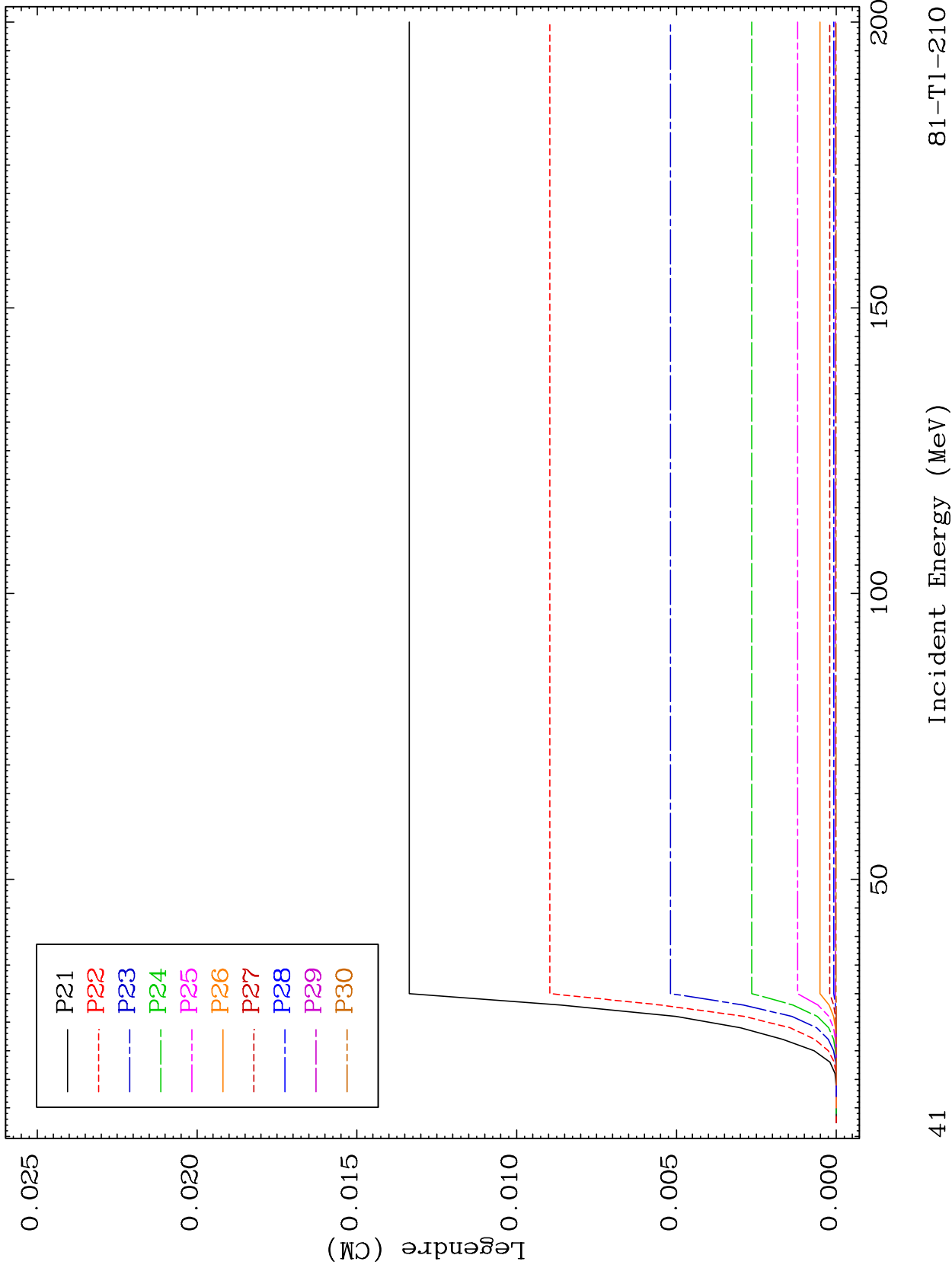
MAT 8146

MT= 56 (n,n') Level  
Legendre Coefficients

81-Tl-210



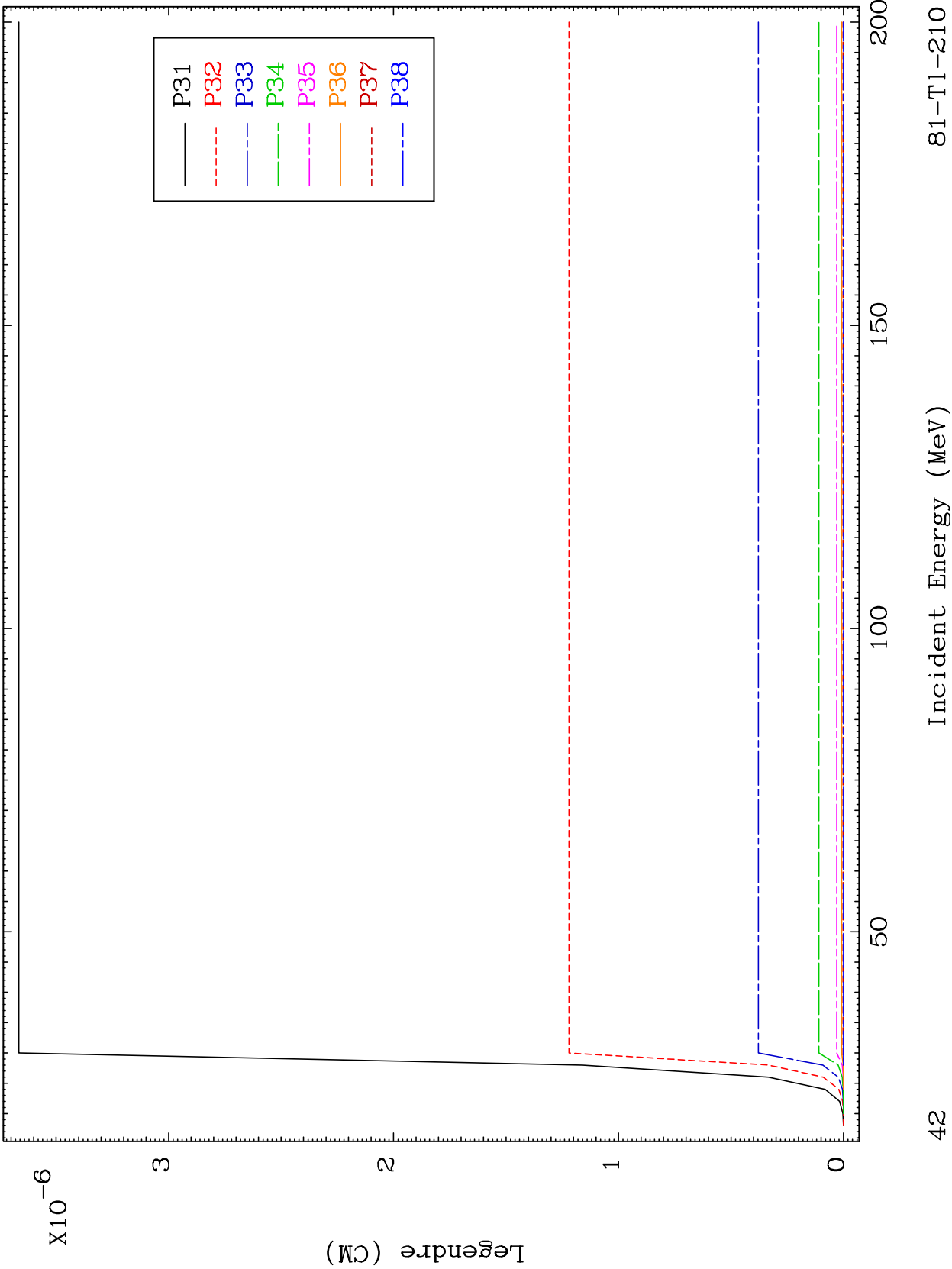




MAT 8146

MT= 56 (n,n') Level  
Legendre Coefficients

81-T1-210



42

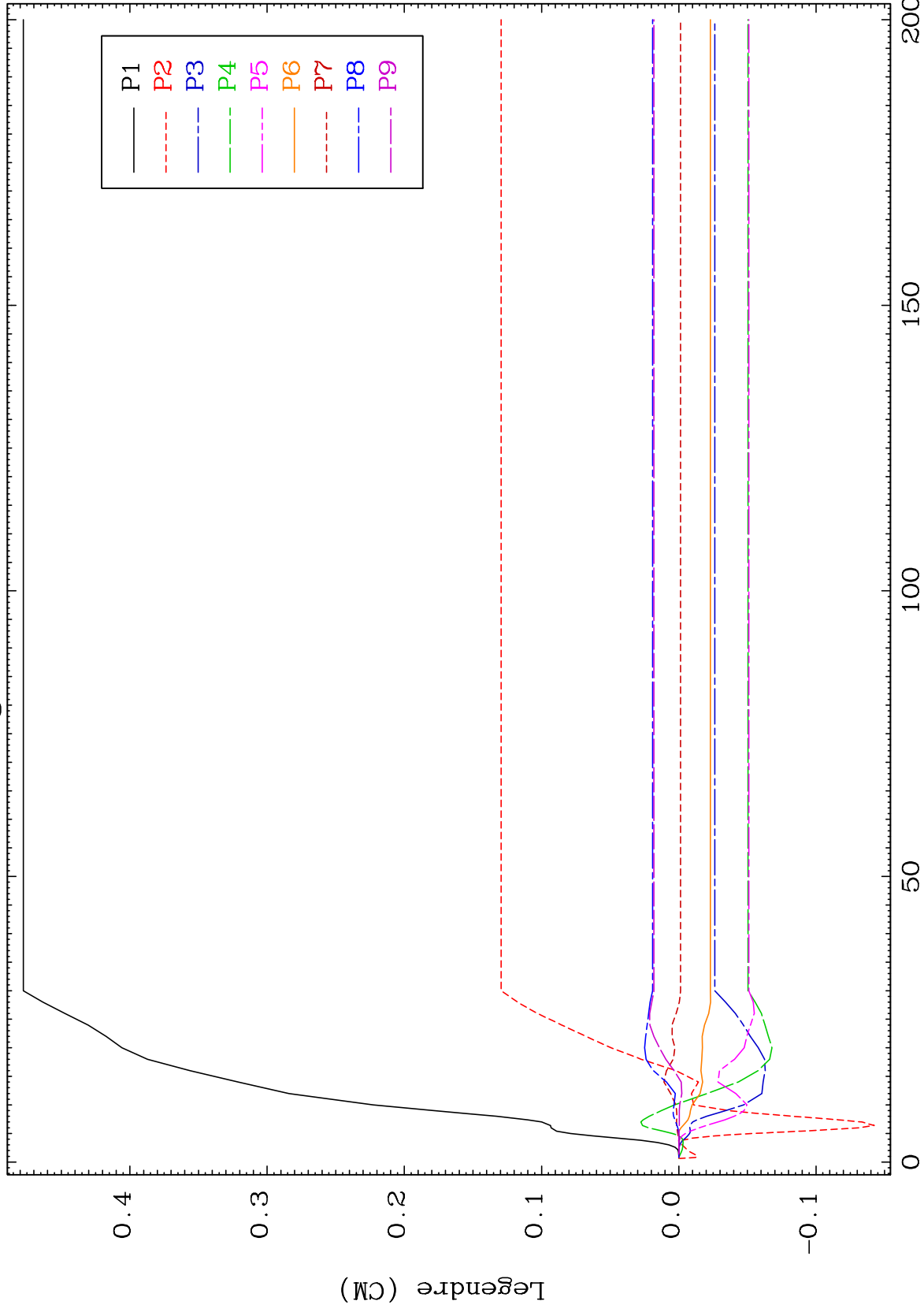
Incident Energy (MeV)

81-T1-210

MAT 8146

MT= 57 (n,n') Level  
Legendre Coefficients

81-T1-210



43

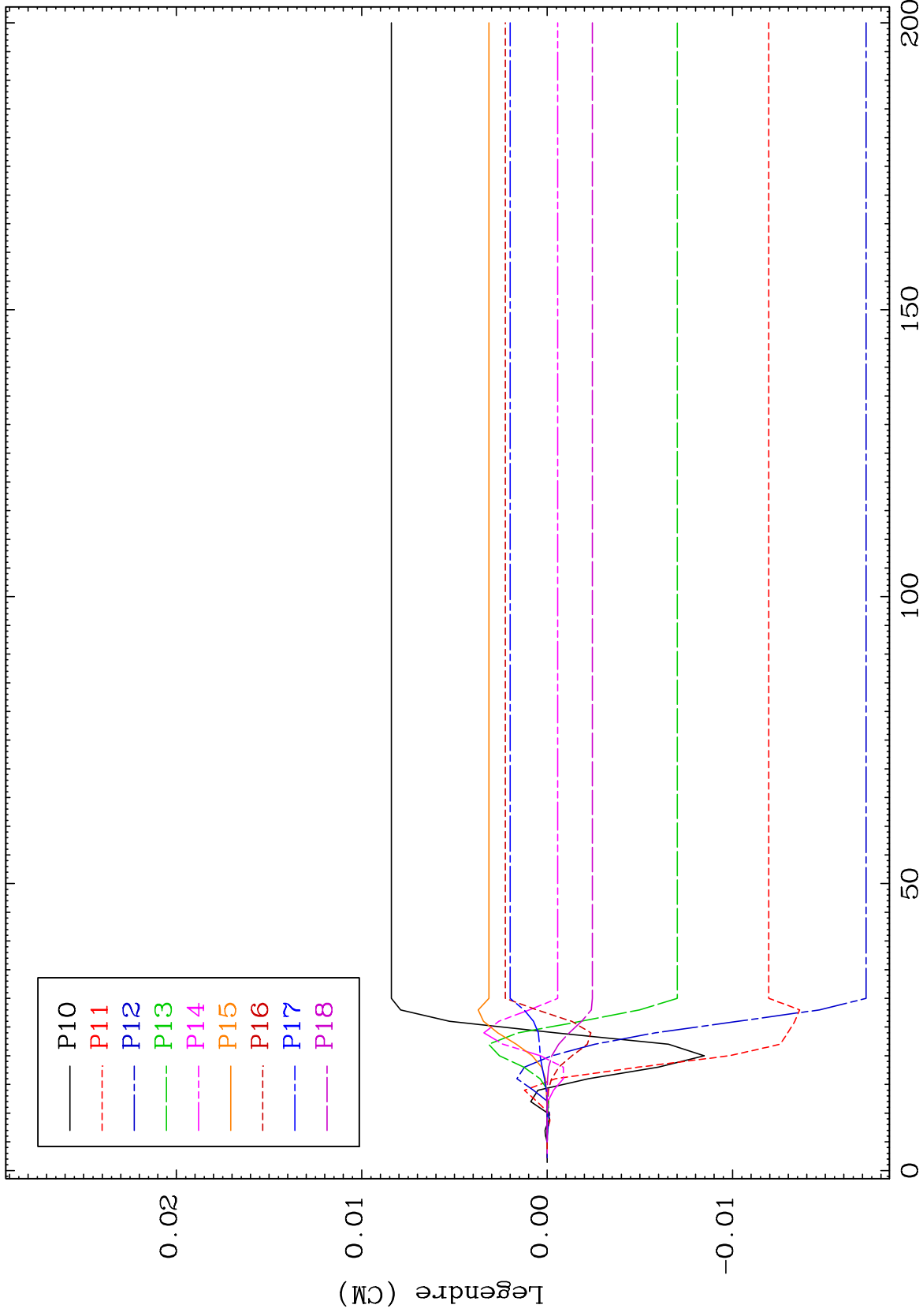
Incident Energy (MeV)

81-T1-210

MAT 8146

MT= 57 (n,n') Level  
Legendre Coefficients

81-Tl-210



44

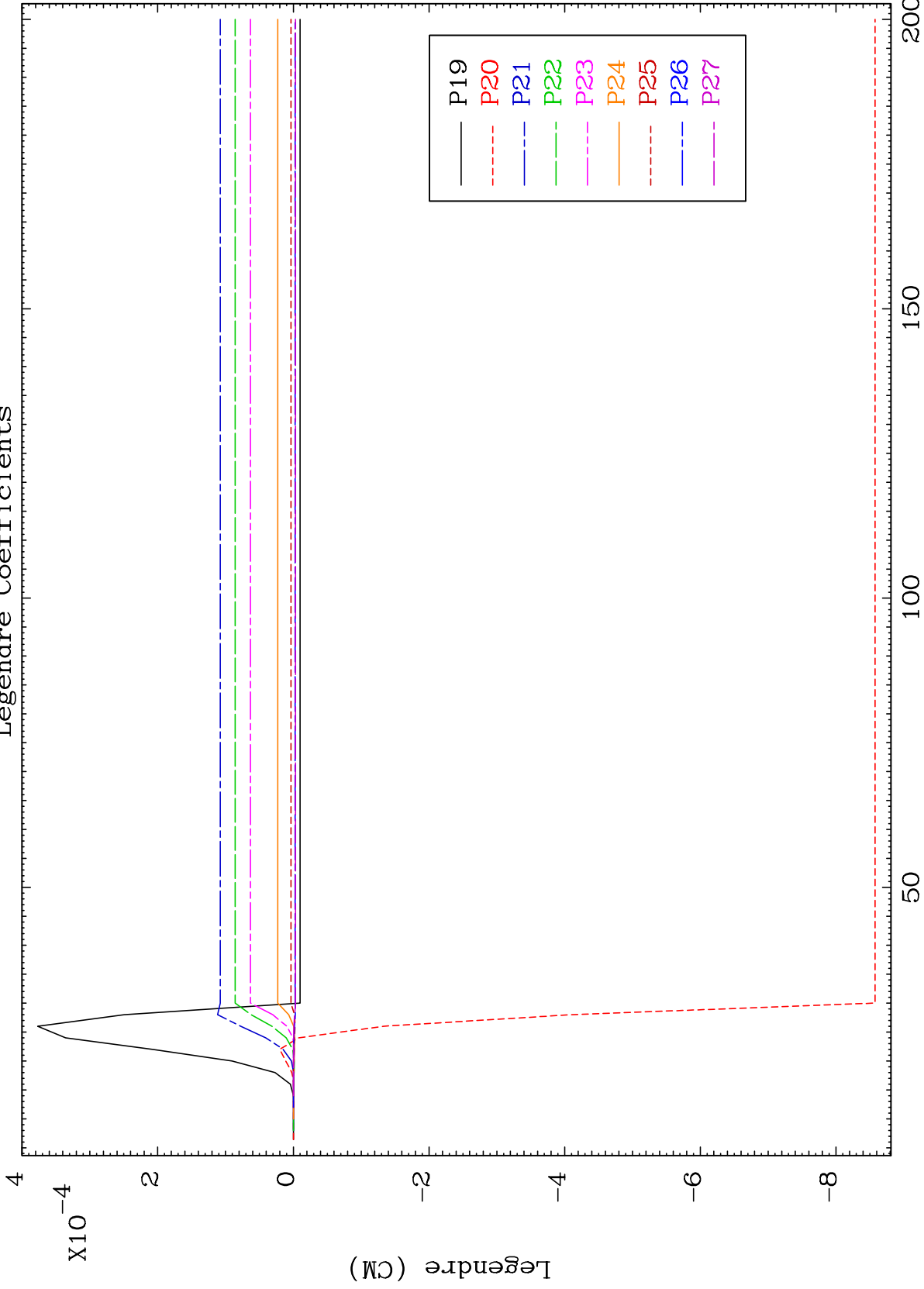
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 57 (n,n') Level  
Legendre Coefficients

81-T1-210



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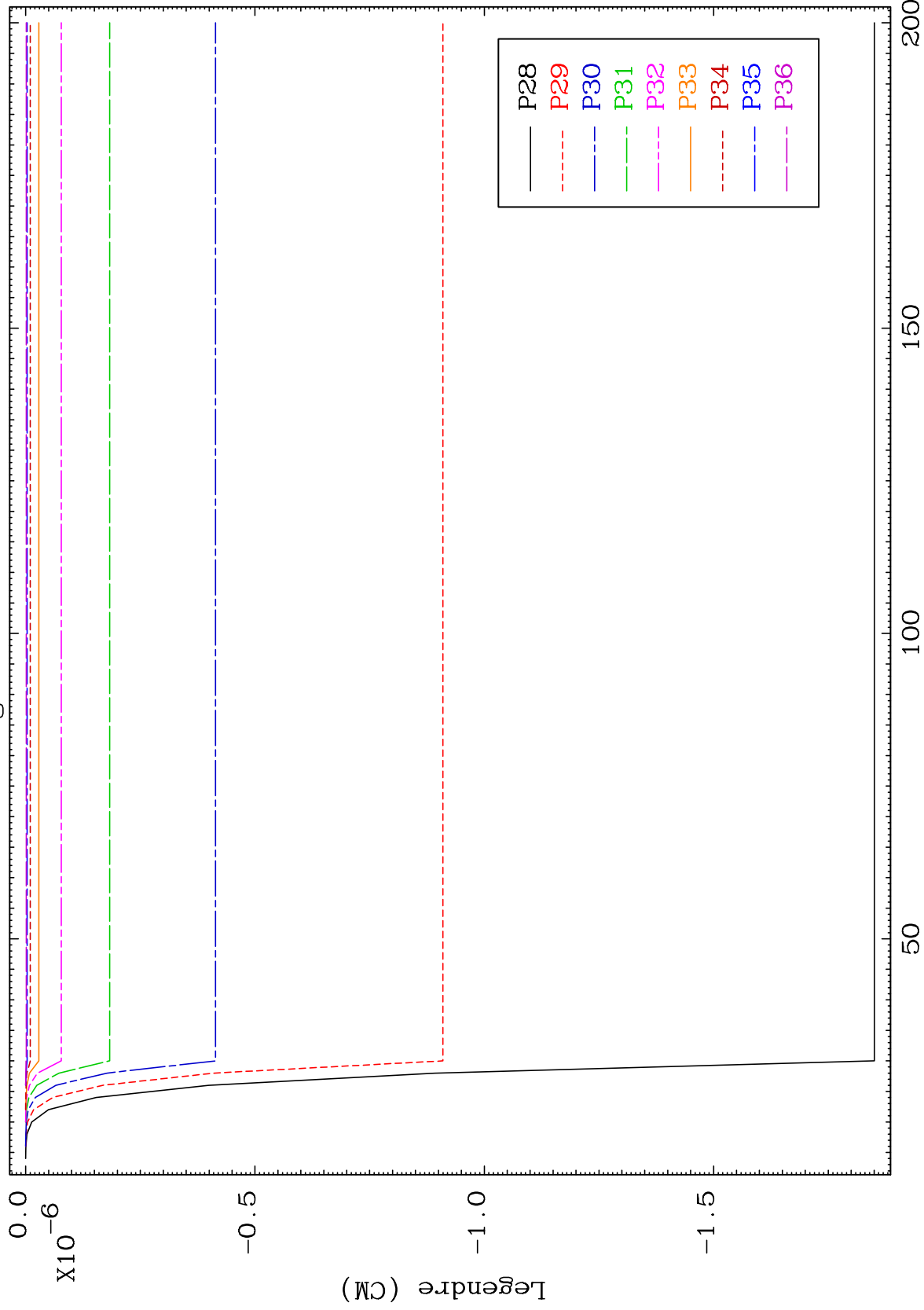
Incident Energy (MeV)

81-T1-210

MAT 8146

MT= 57 (n,n') Level  
Legendre Coefficients

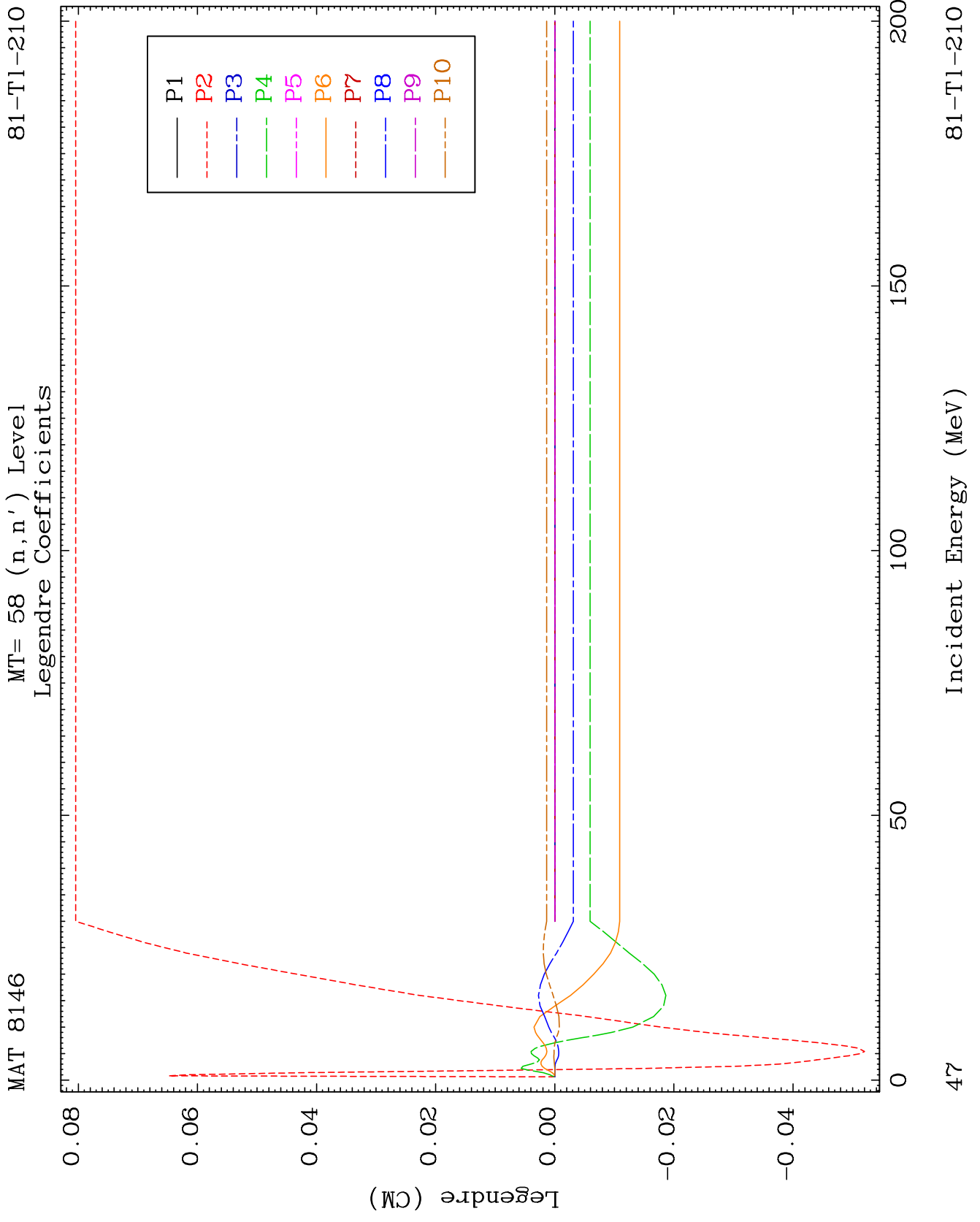
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46

Incident Energy (MeV)

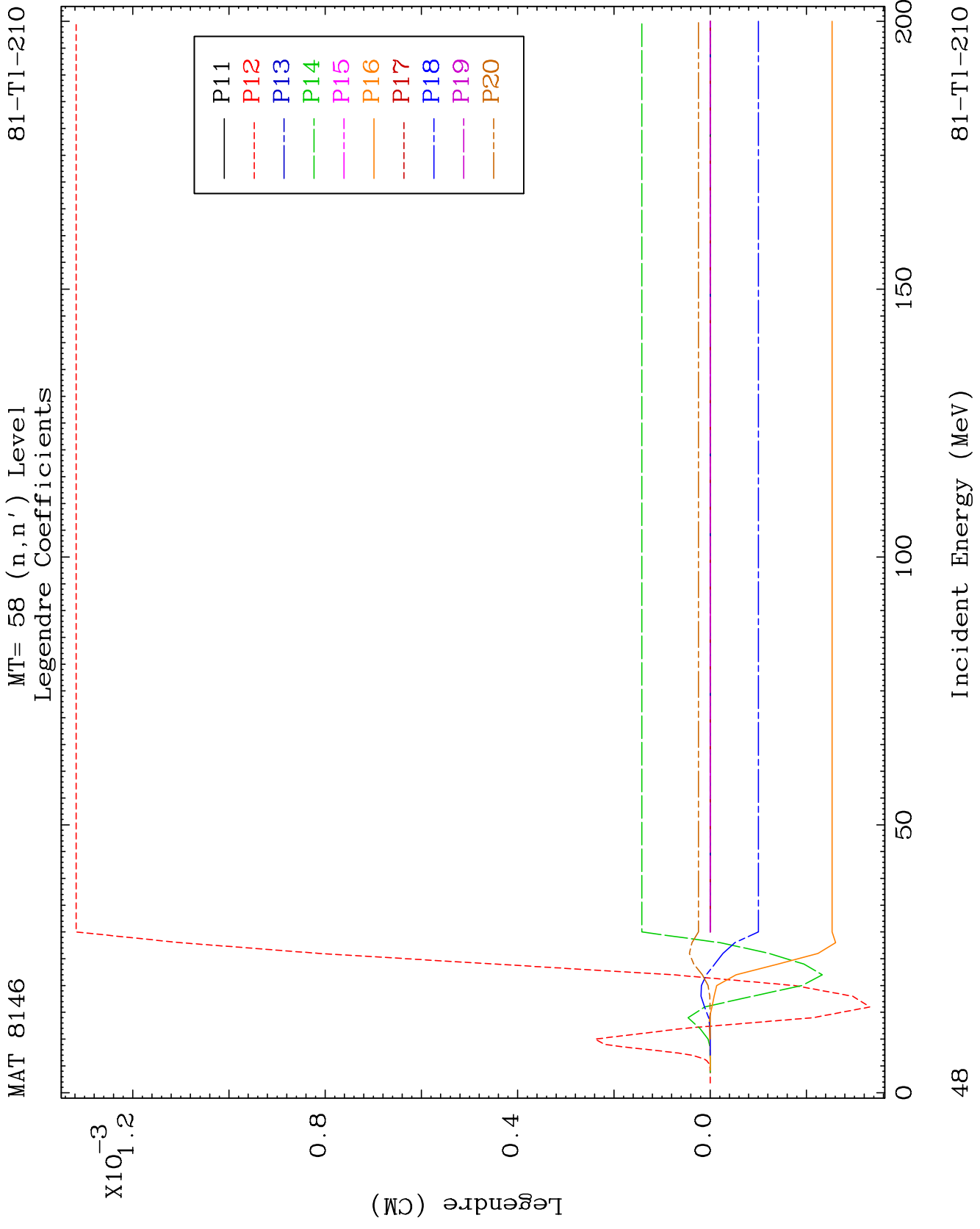
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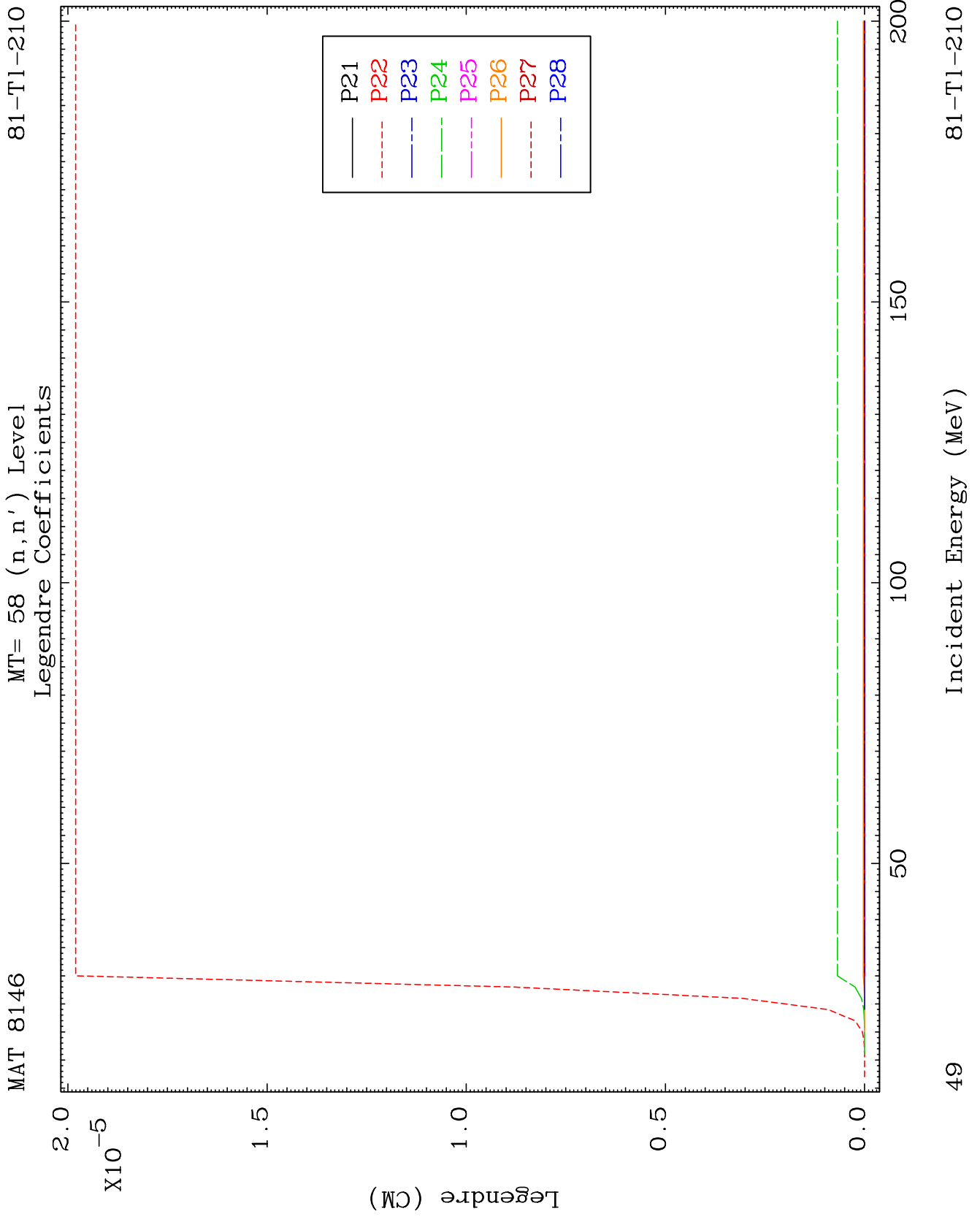


81-Tl-210

Incident Energy (MeV)

47

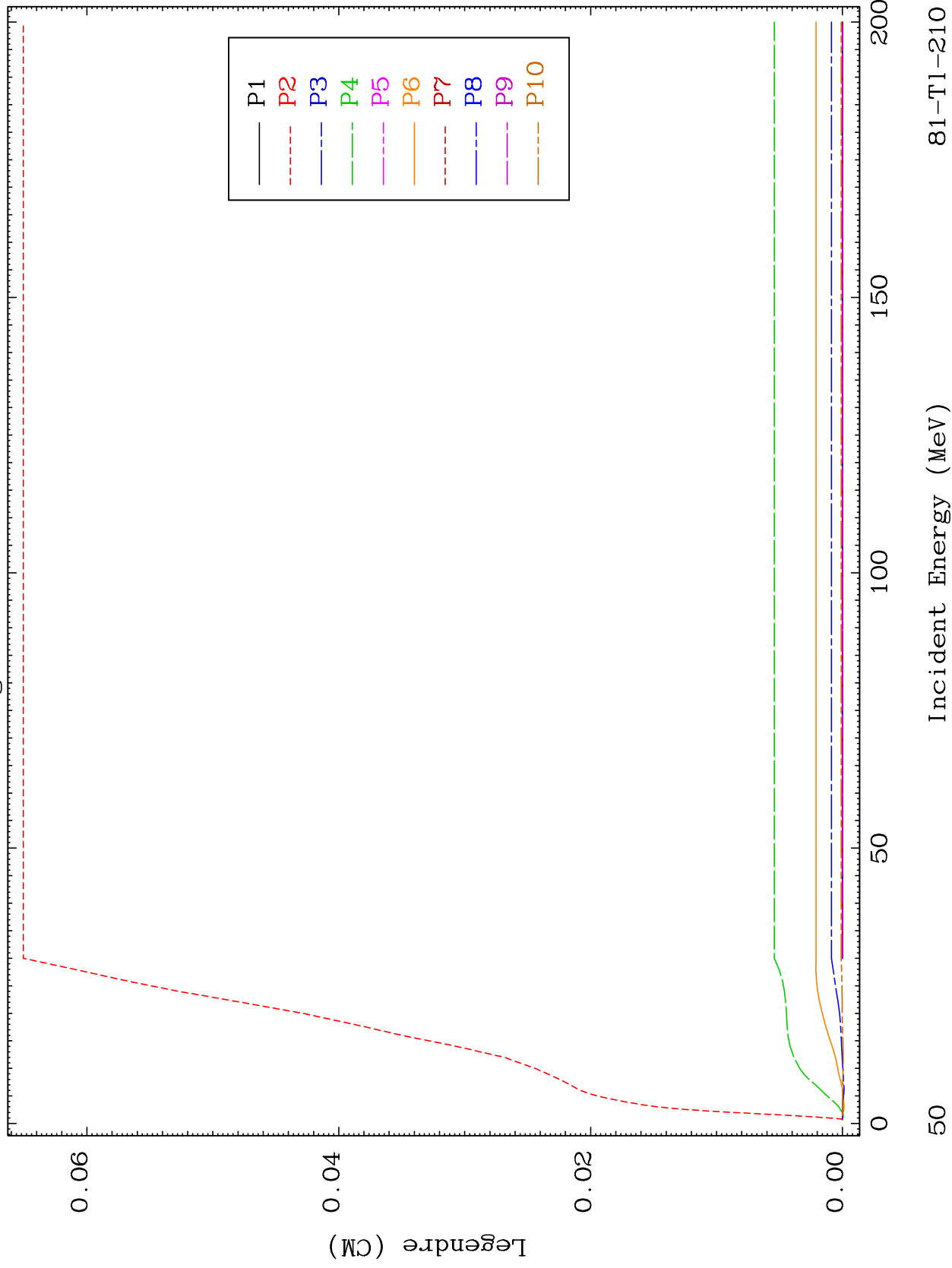




MAT 8146

MT= 59 (n,n') Level  
Legendre Coefficients

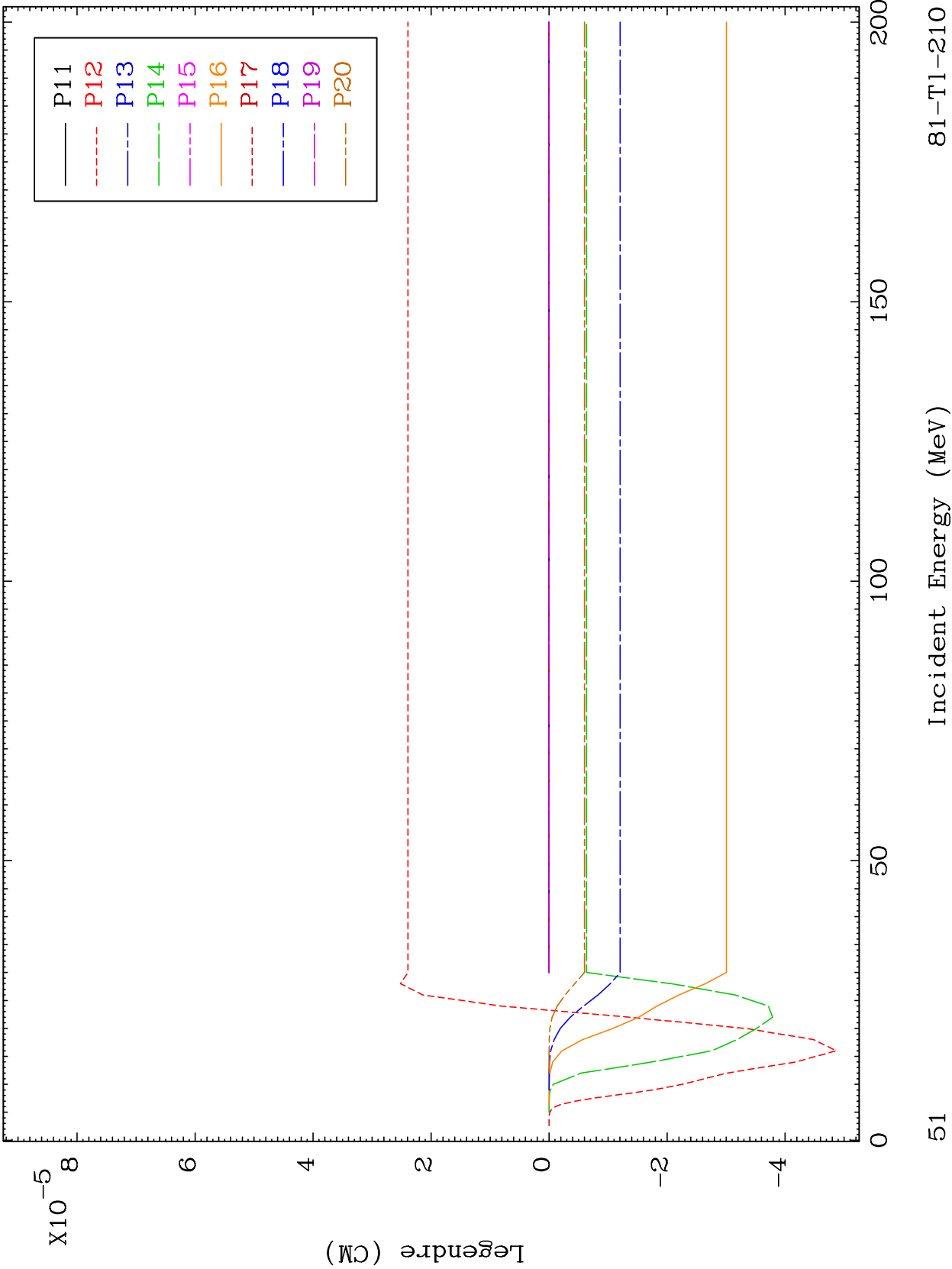
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MAT 8146

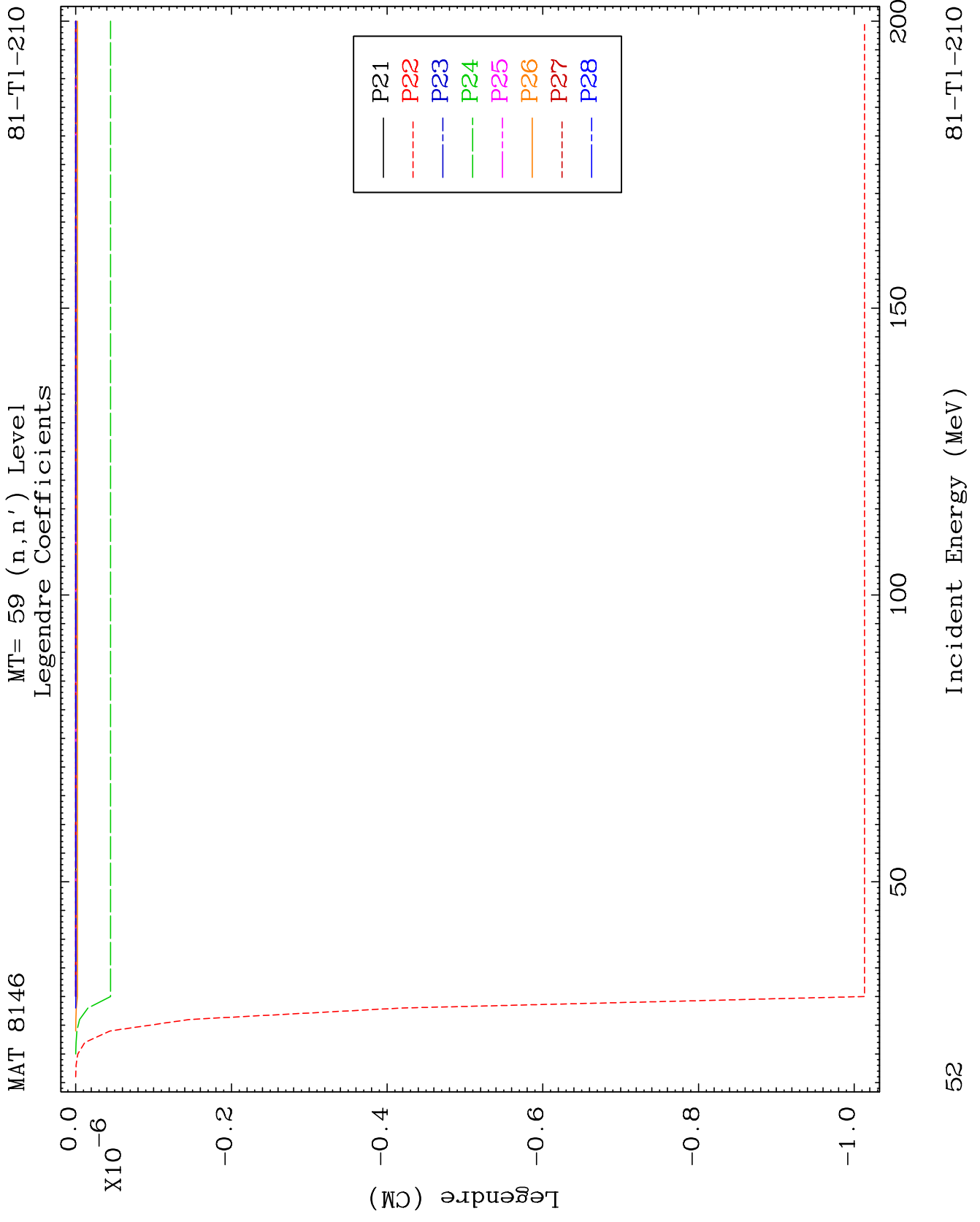
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Legendre Coefficients

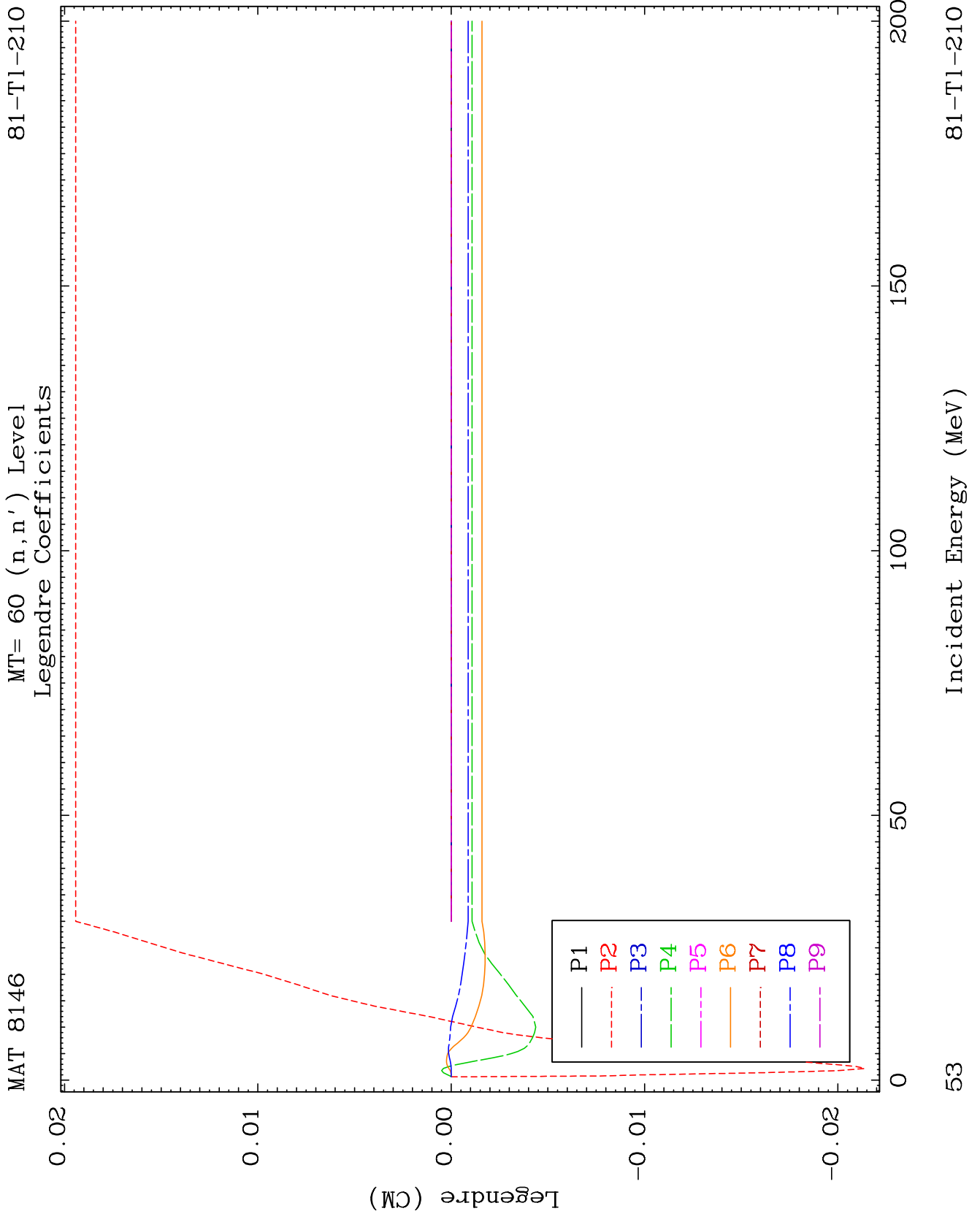
81-Tl-210



51

81-Tl-210

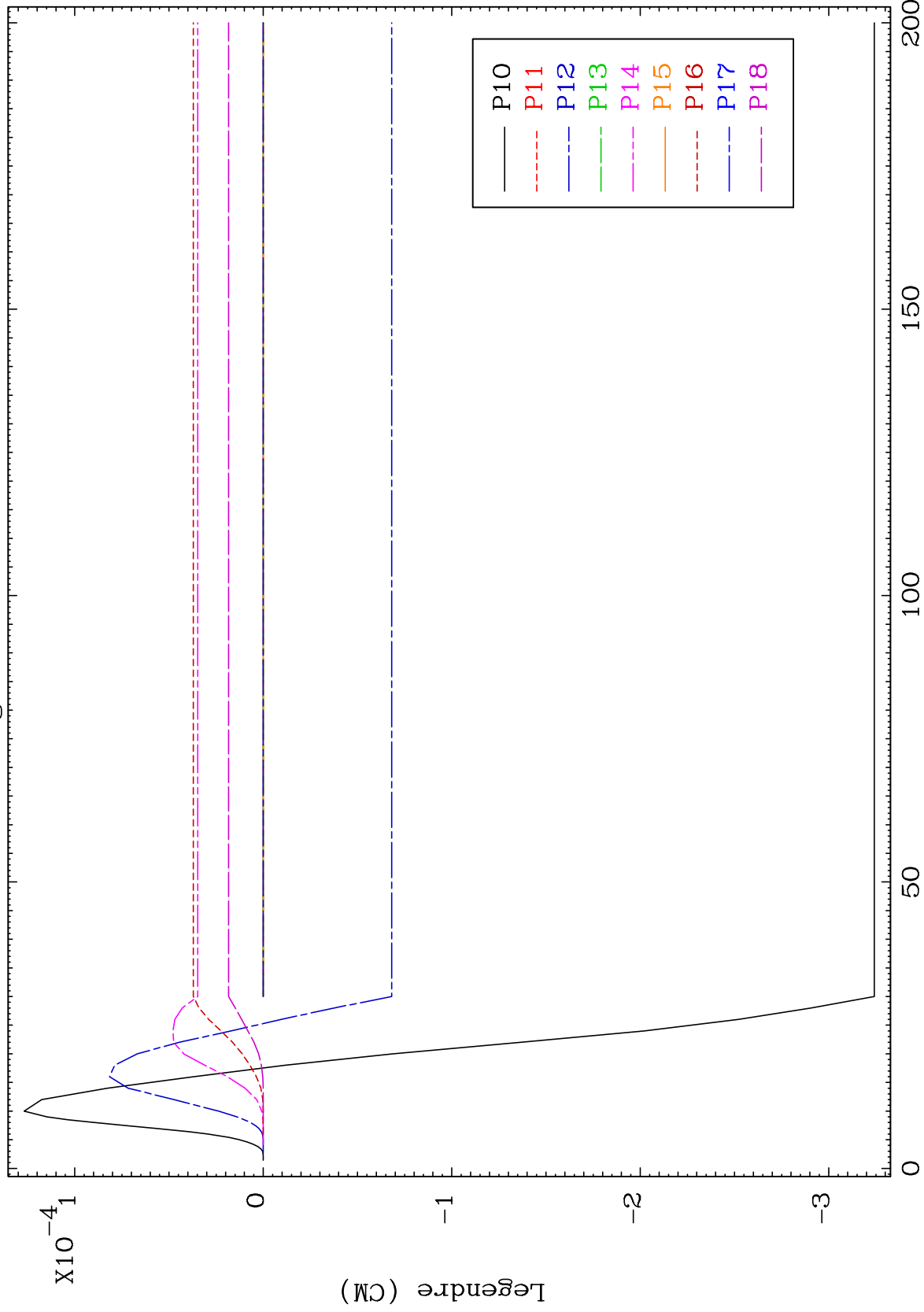




MAT 8146

MT= 60 (n,n') Level  
Legendre Coefficients

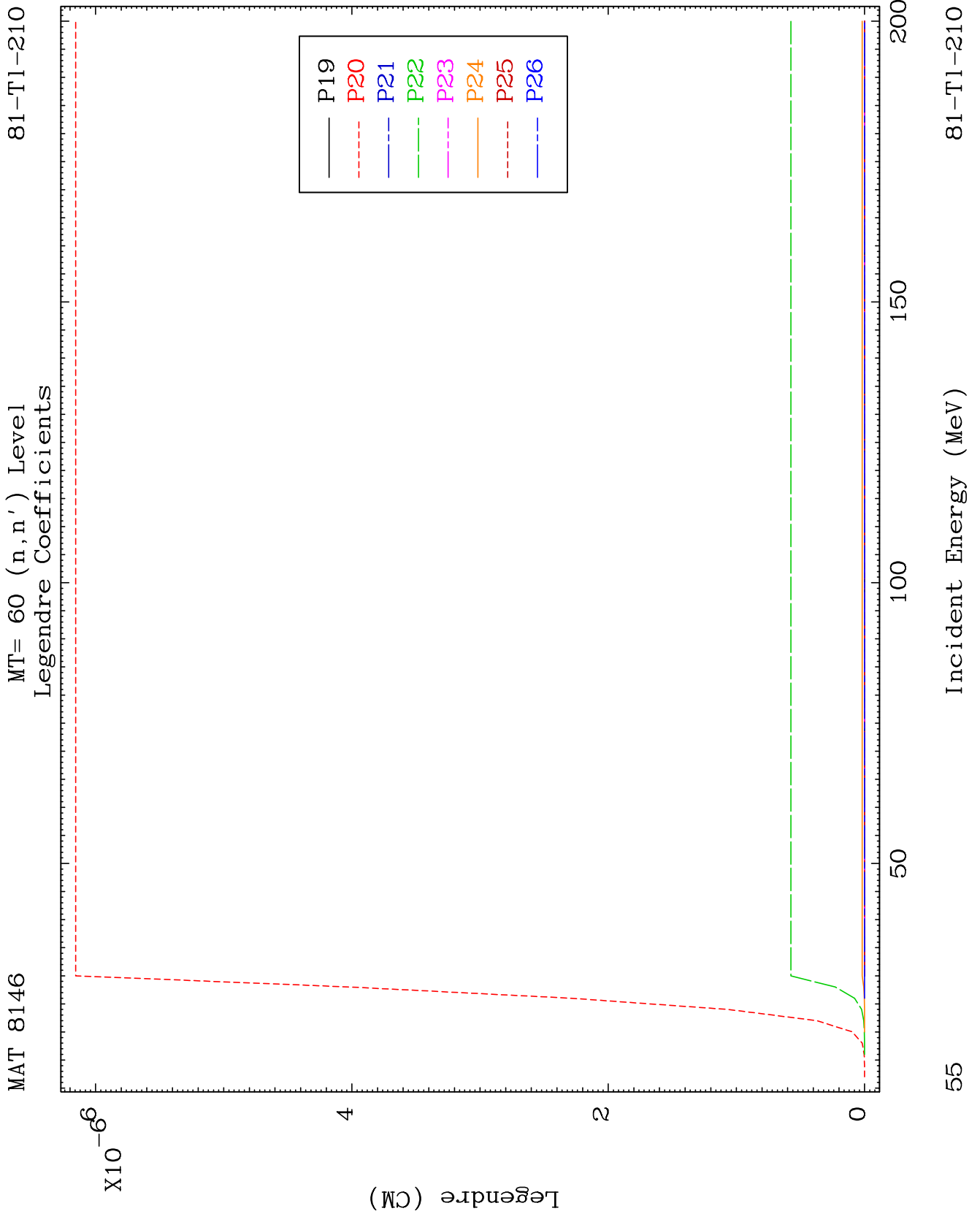
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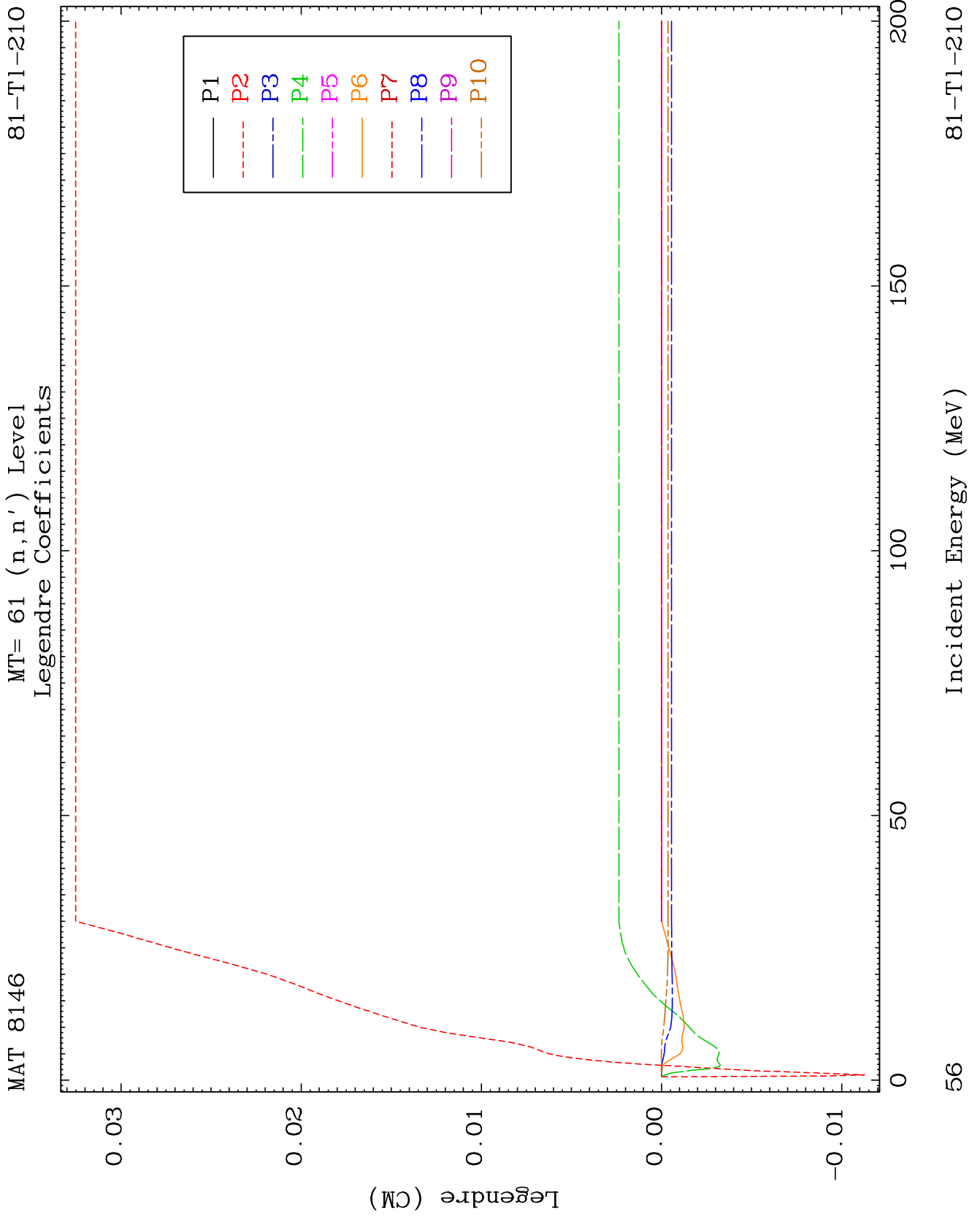


54

Incident Energy (MeV)

81-T1-210

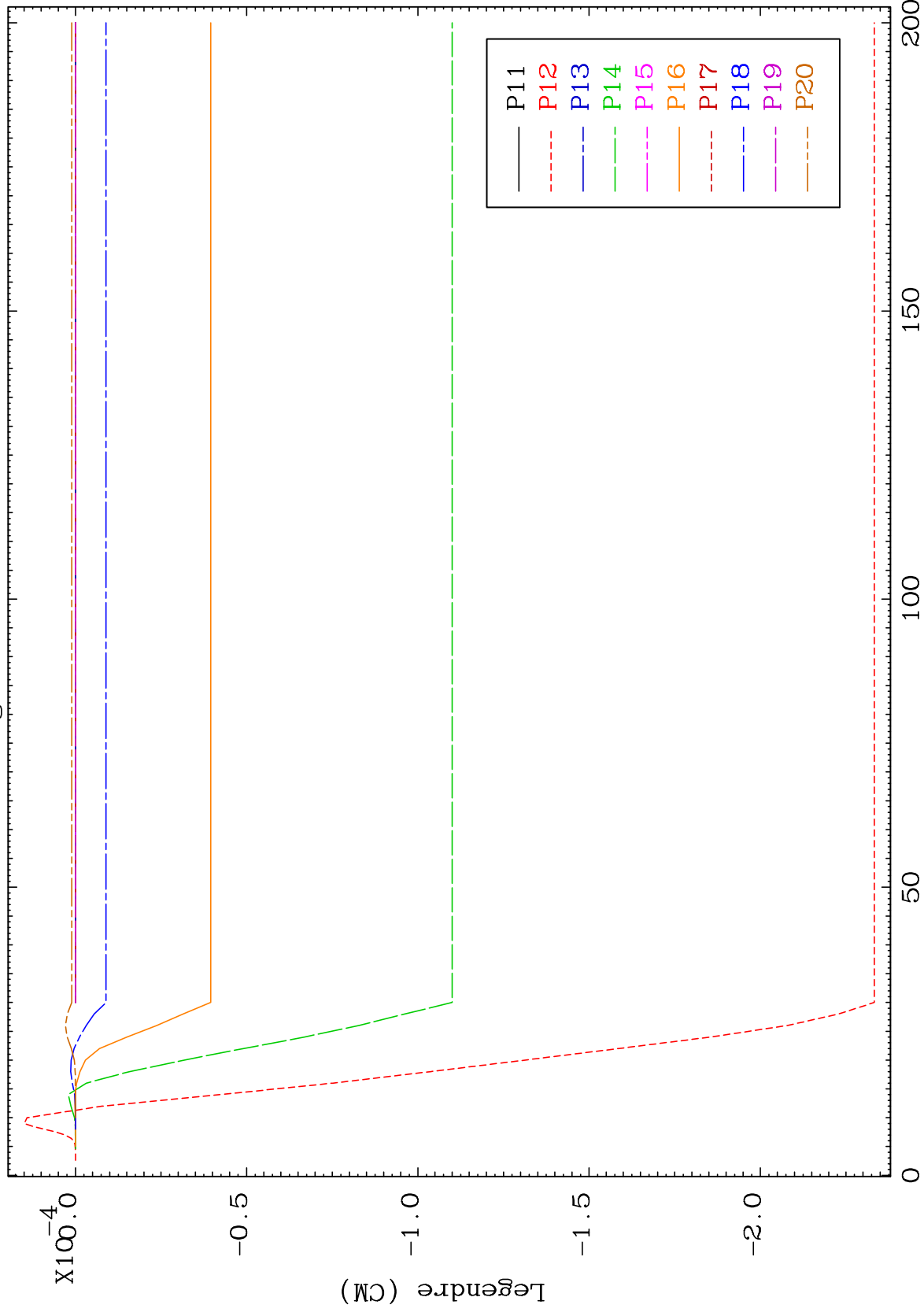




MAT 8146

MT= 61 (n,n') Level  
Legendre Coefficients

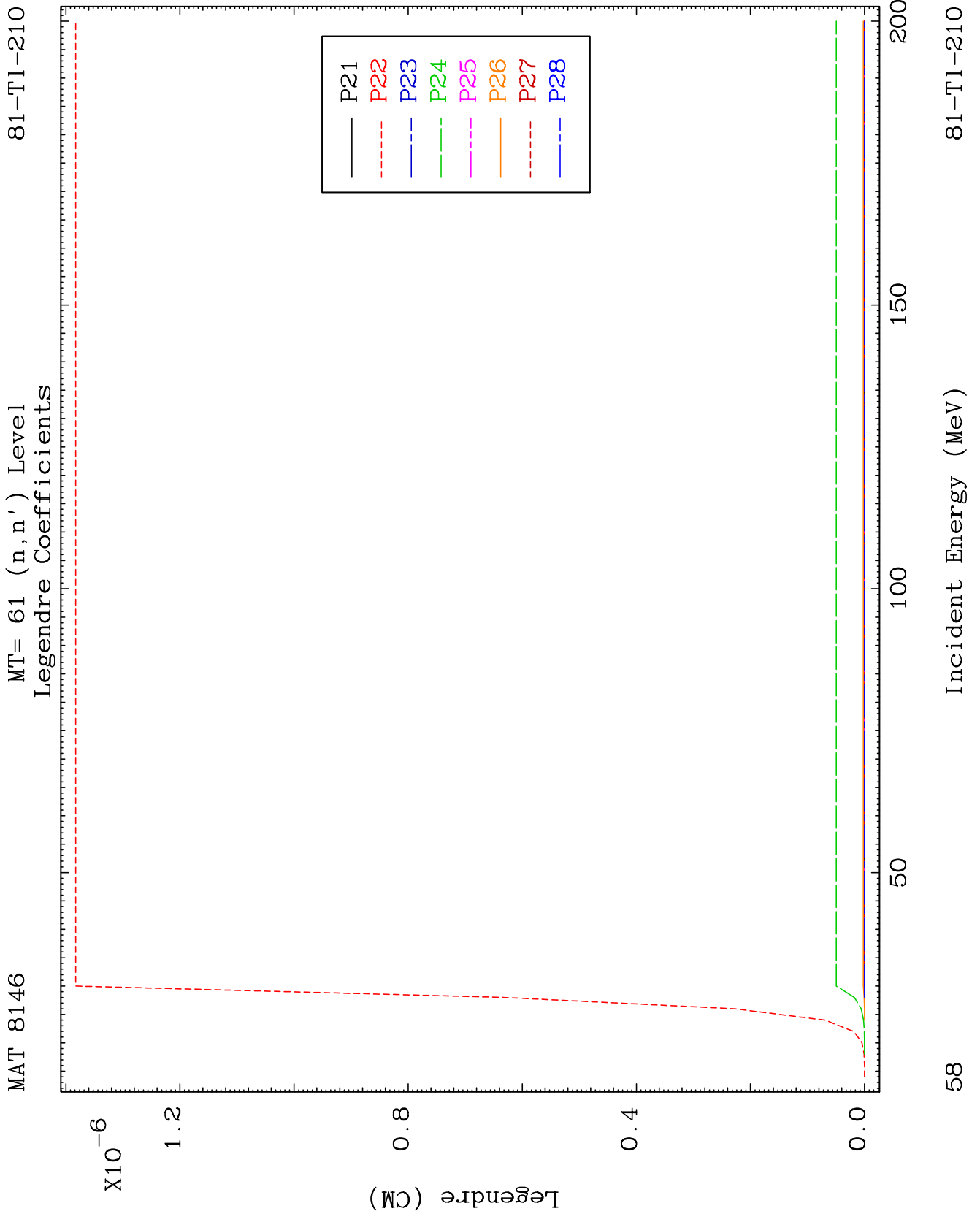
81-Tl-210



57

Incident Energy (MeV)

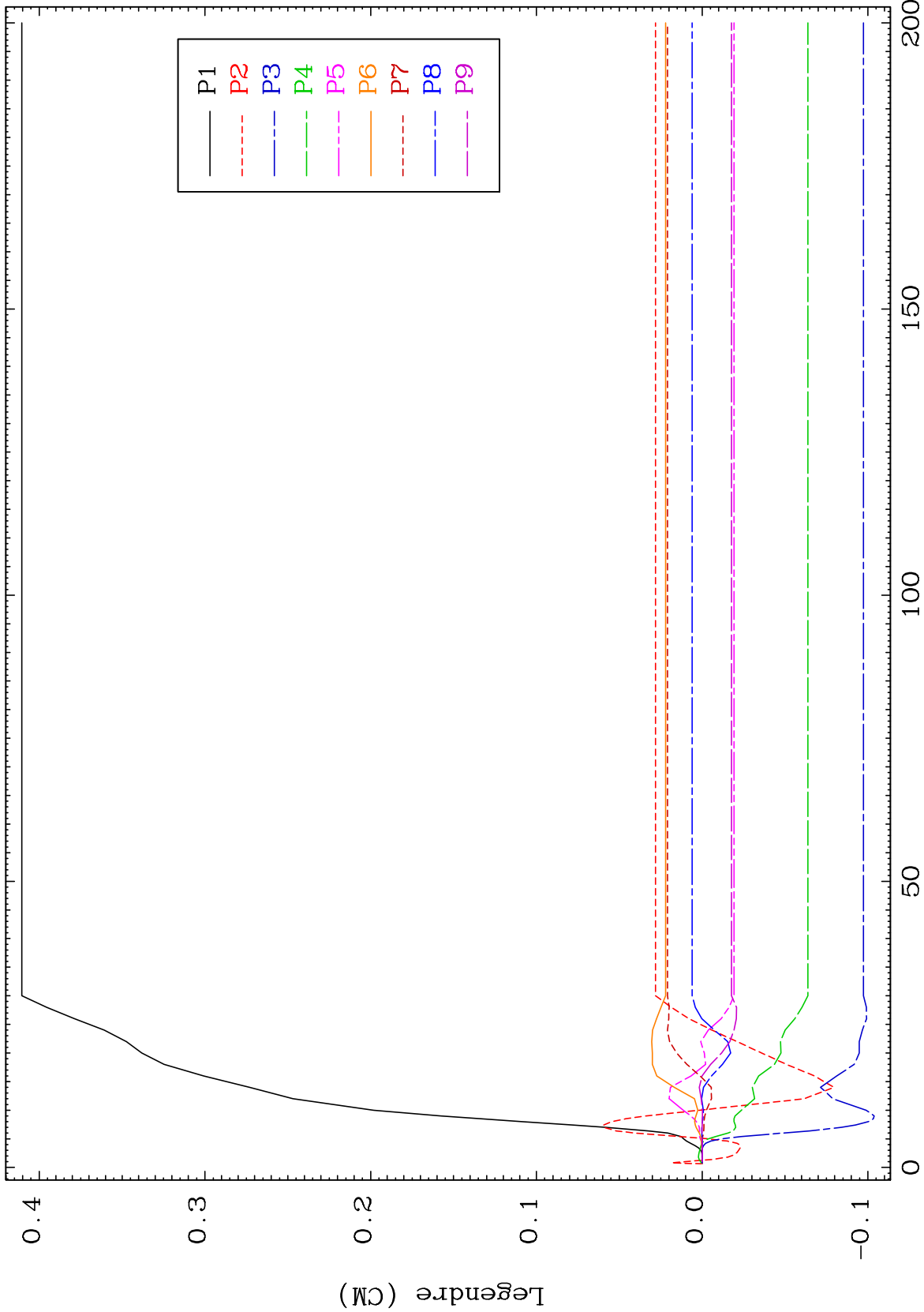
81-Tl-210



MAT 8146

MT= 62 (n,n') Level  
Legendre Coefficients

81-Tl-210



59

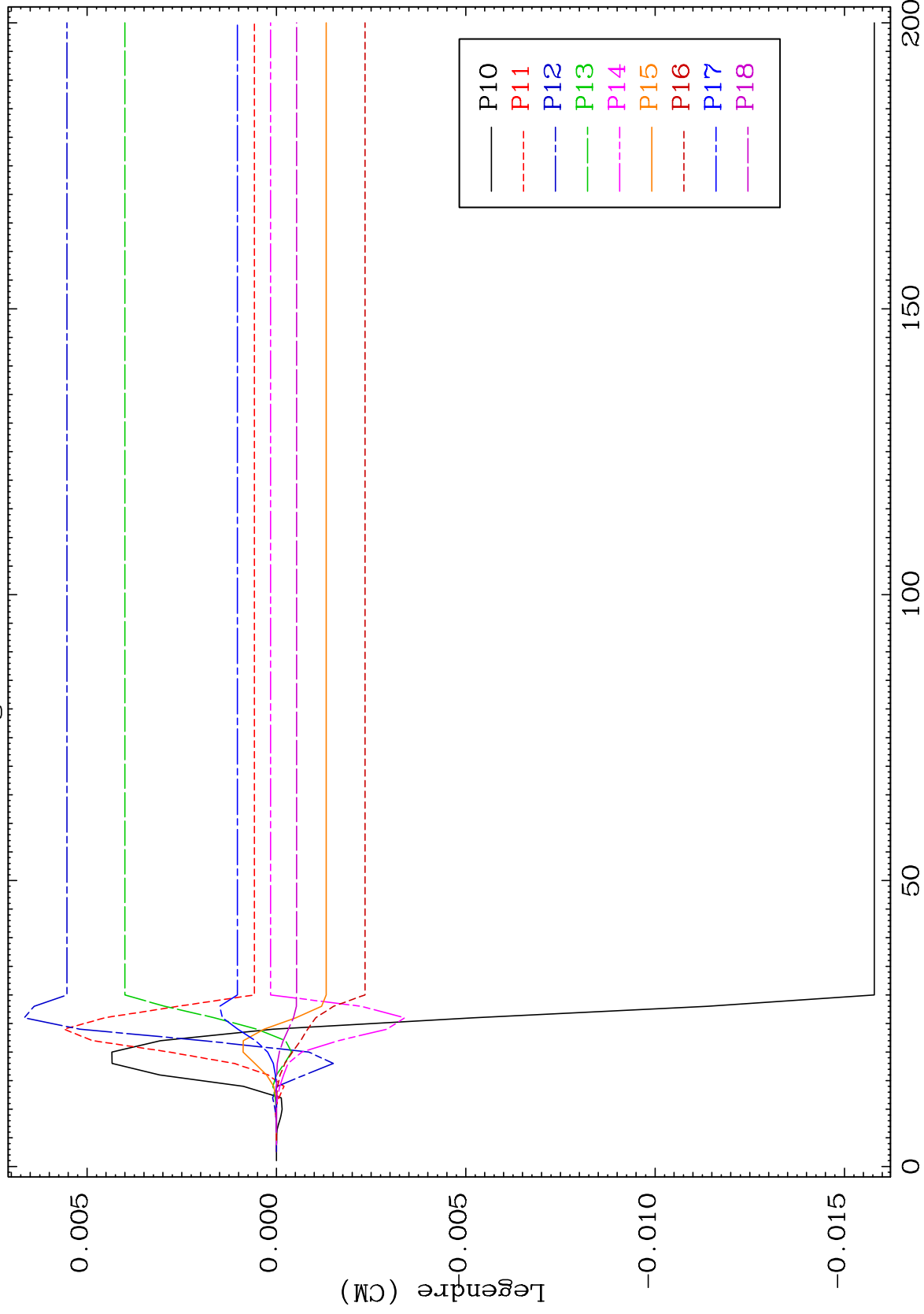
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 62 (n,n') Level  
Legendre Coefficients

81-T1-210



60

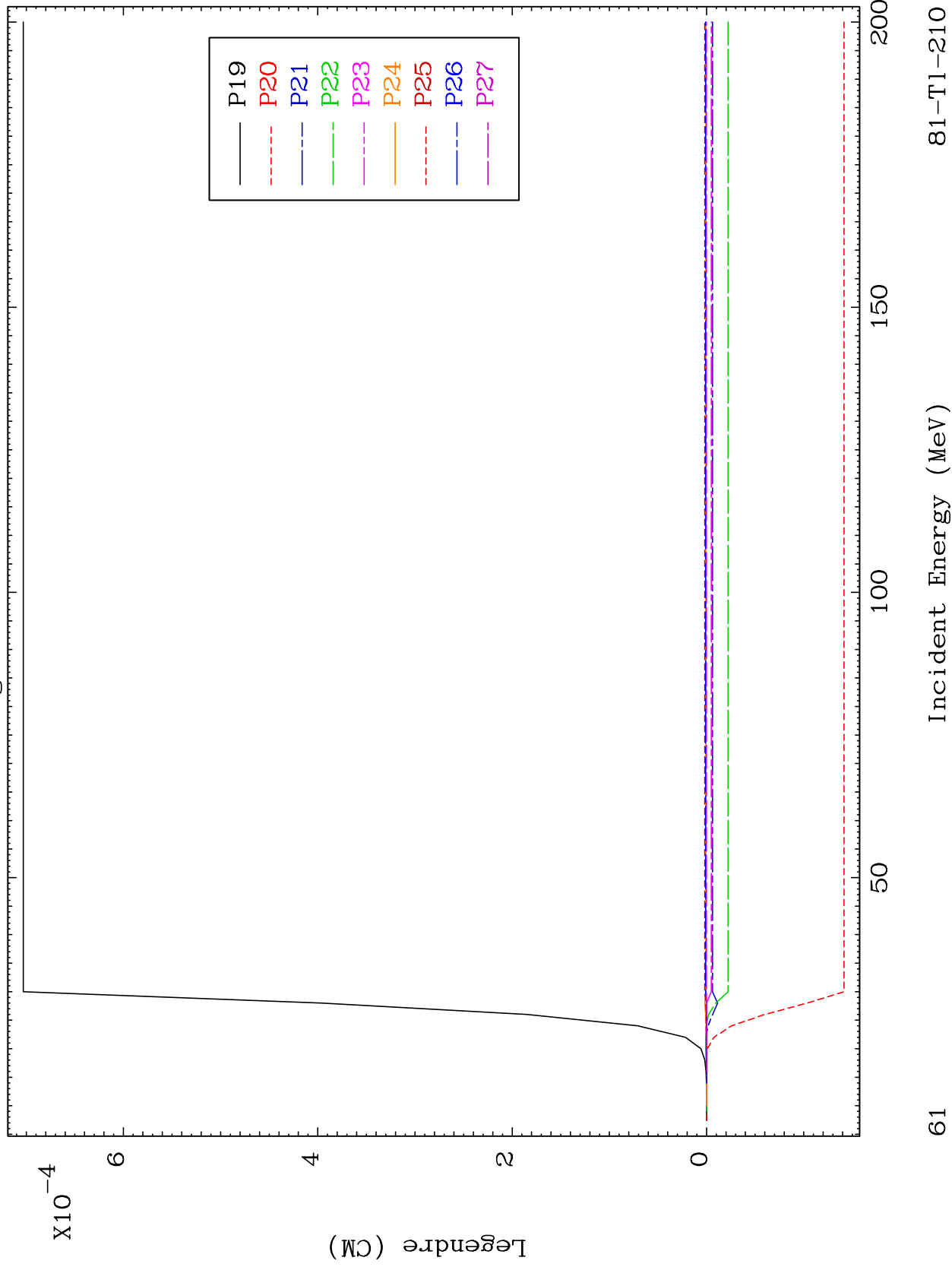
Incident Energy (MeV)

81-T1-210

MAT 8146

MT= 62 (n,n') Level  
Legendre Coefficients

81-Tl-210



61

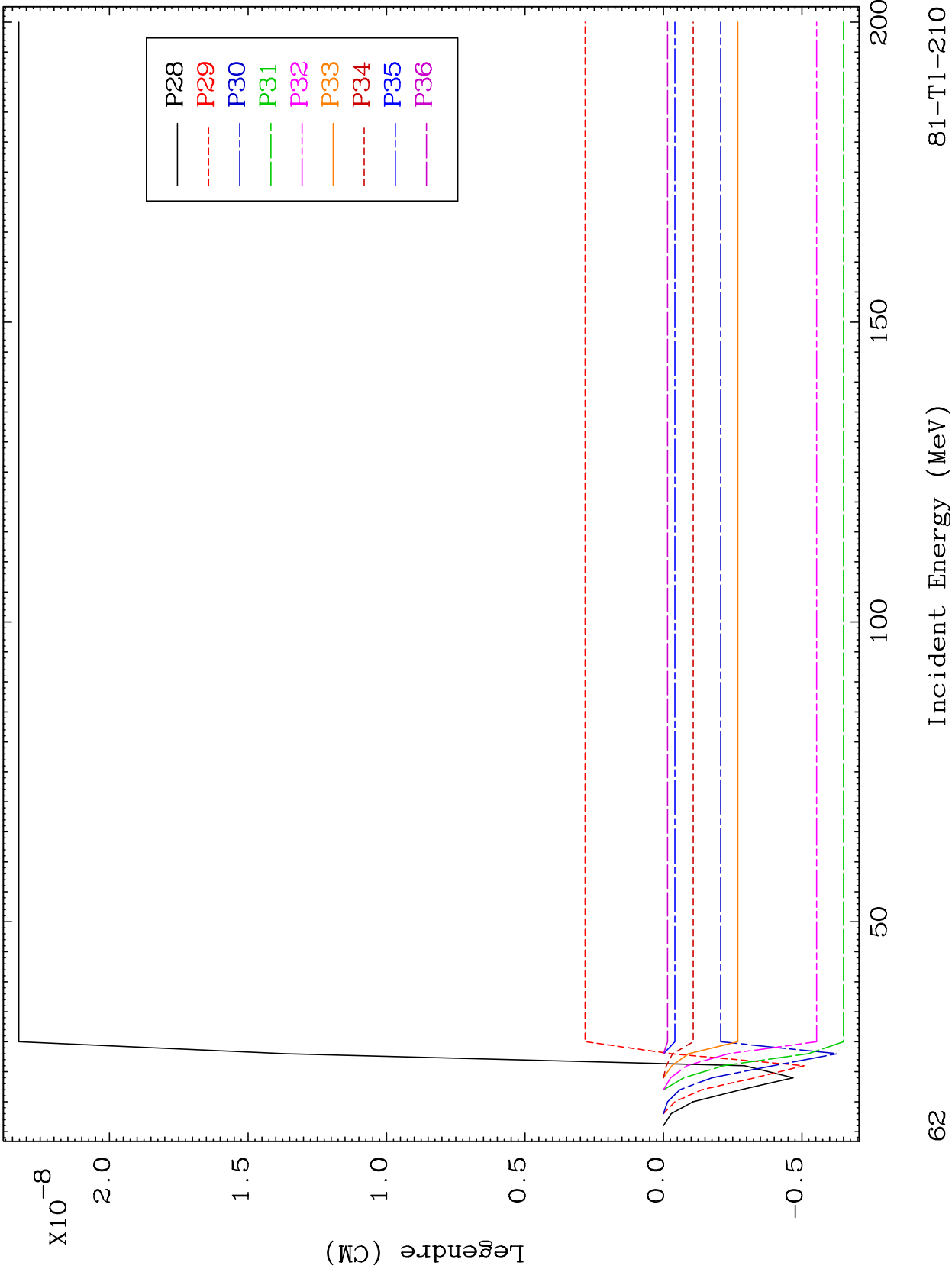
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 62 (n,n') Level  
Legendre Coefficients

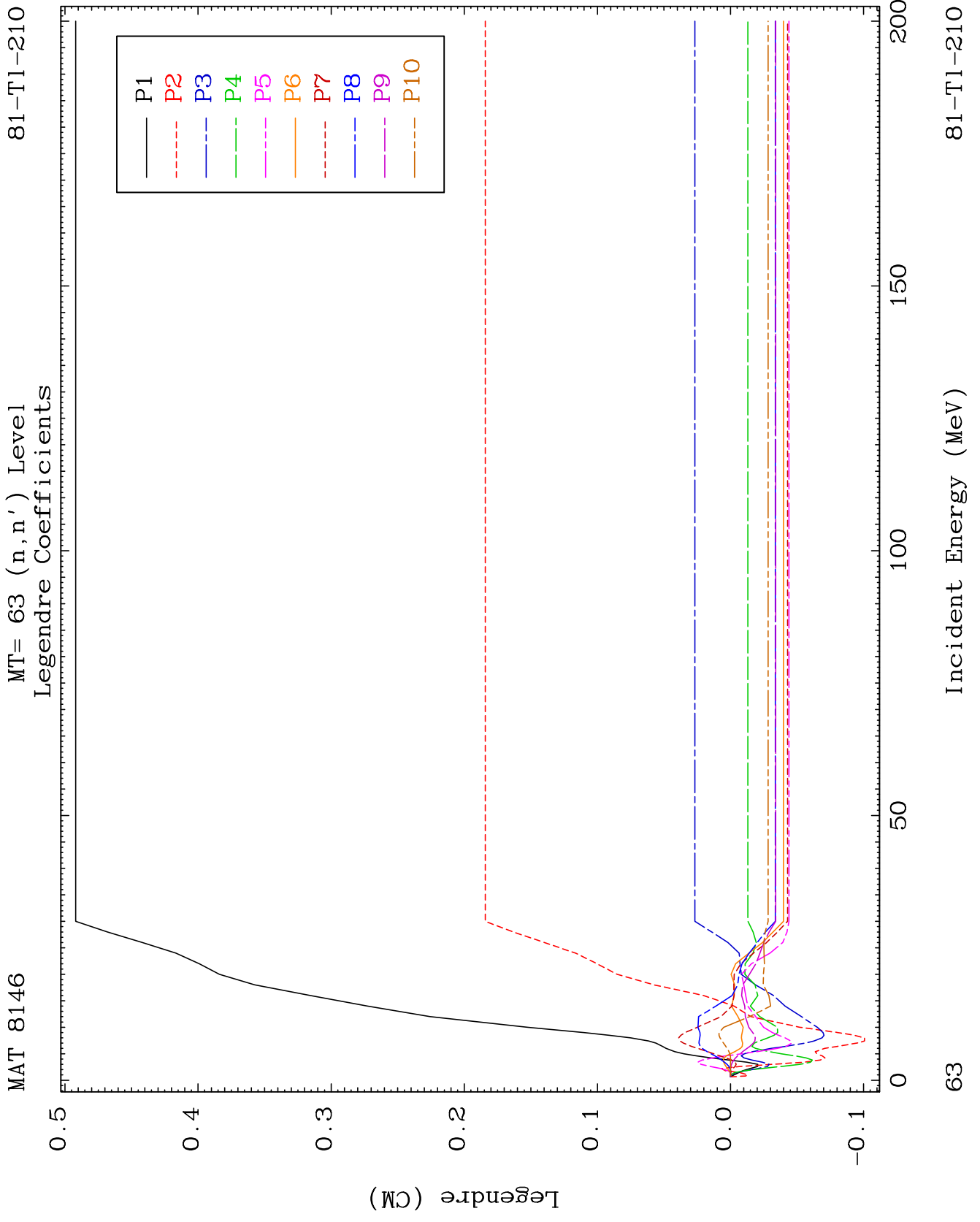
81-Tl-210



62

Incident Energy (MeV)

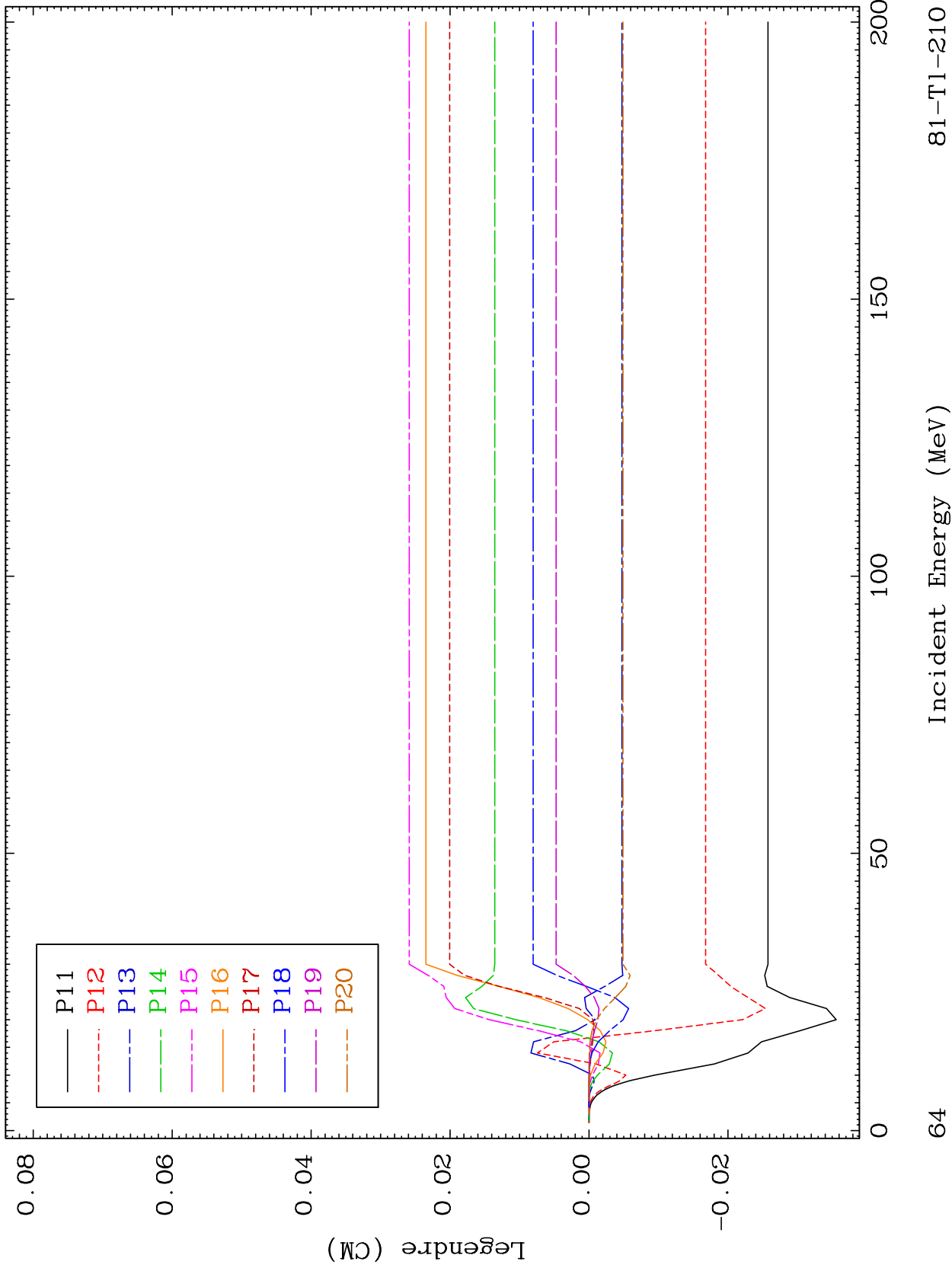
81-Tl-210



MAT 8146

MT= 63 (n,n') Level  
Legendre Coefficients

81-Tl-210



81-Tl-210

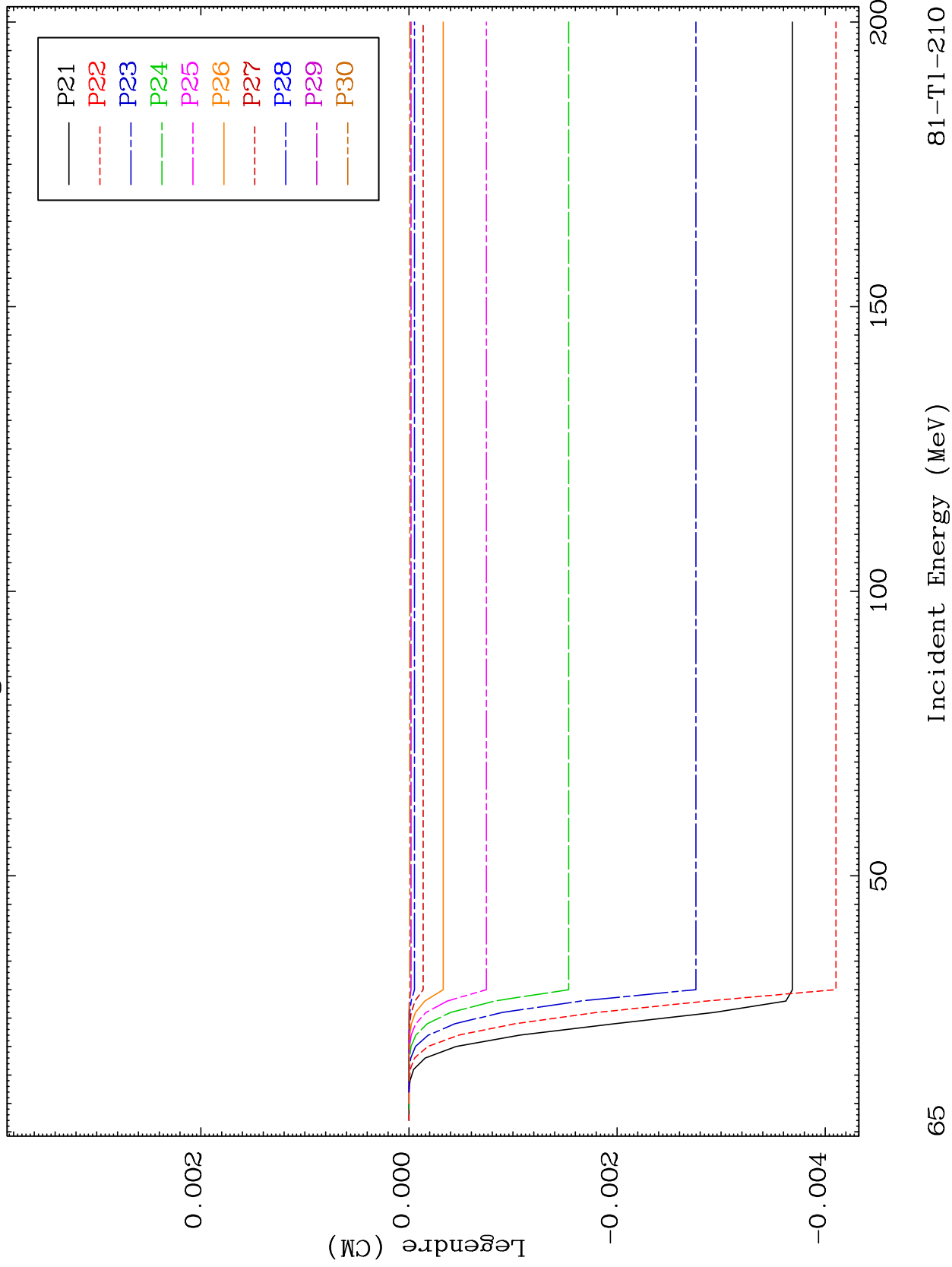
Incident Energy (MeV)

64

MAT 8146

MT= 63 (n,n') Level  
Legendre Coefficients

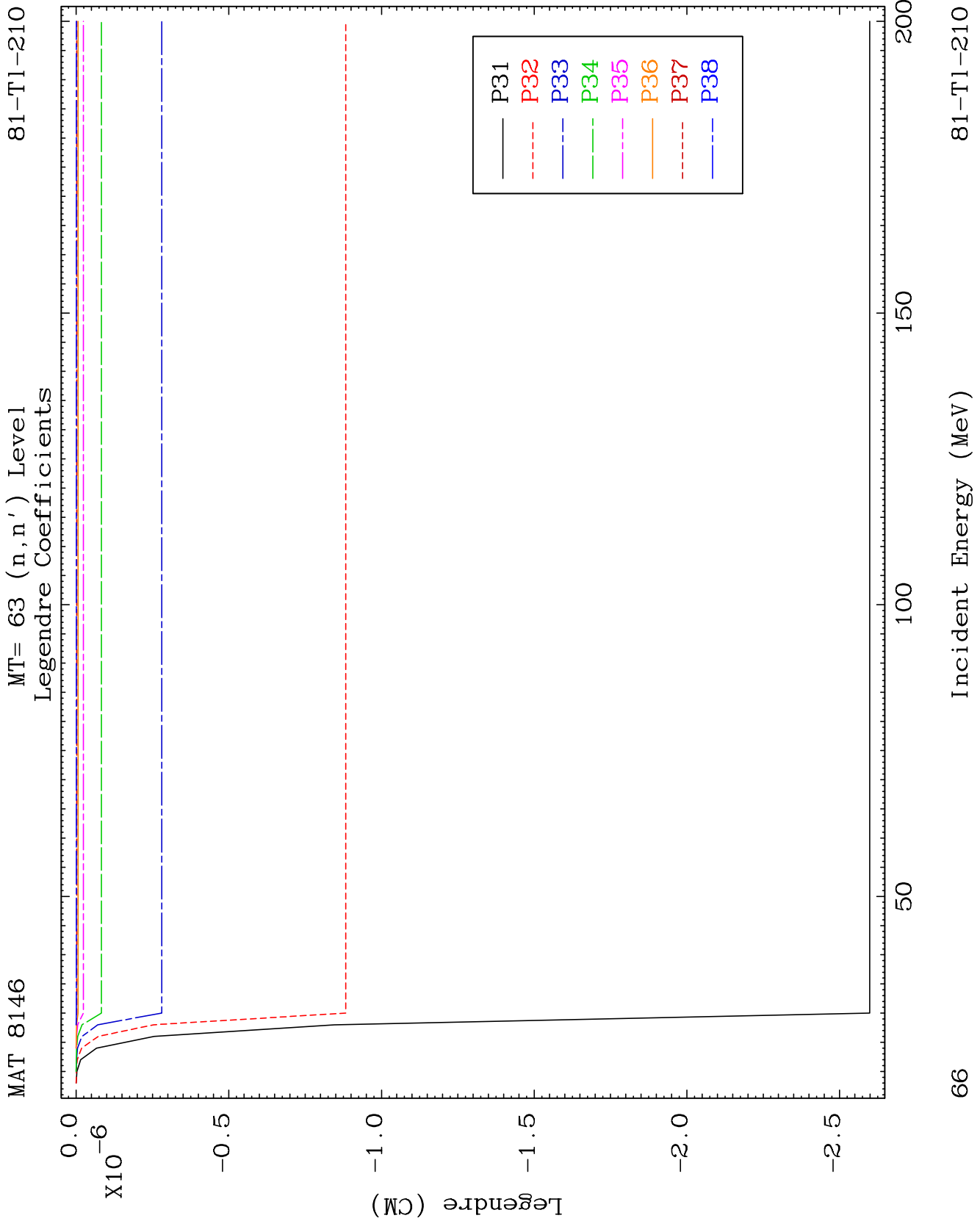
81-Tl-210



65

Incident Energy (MeV)

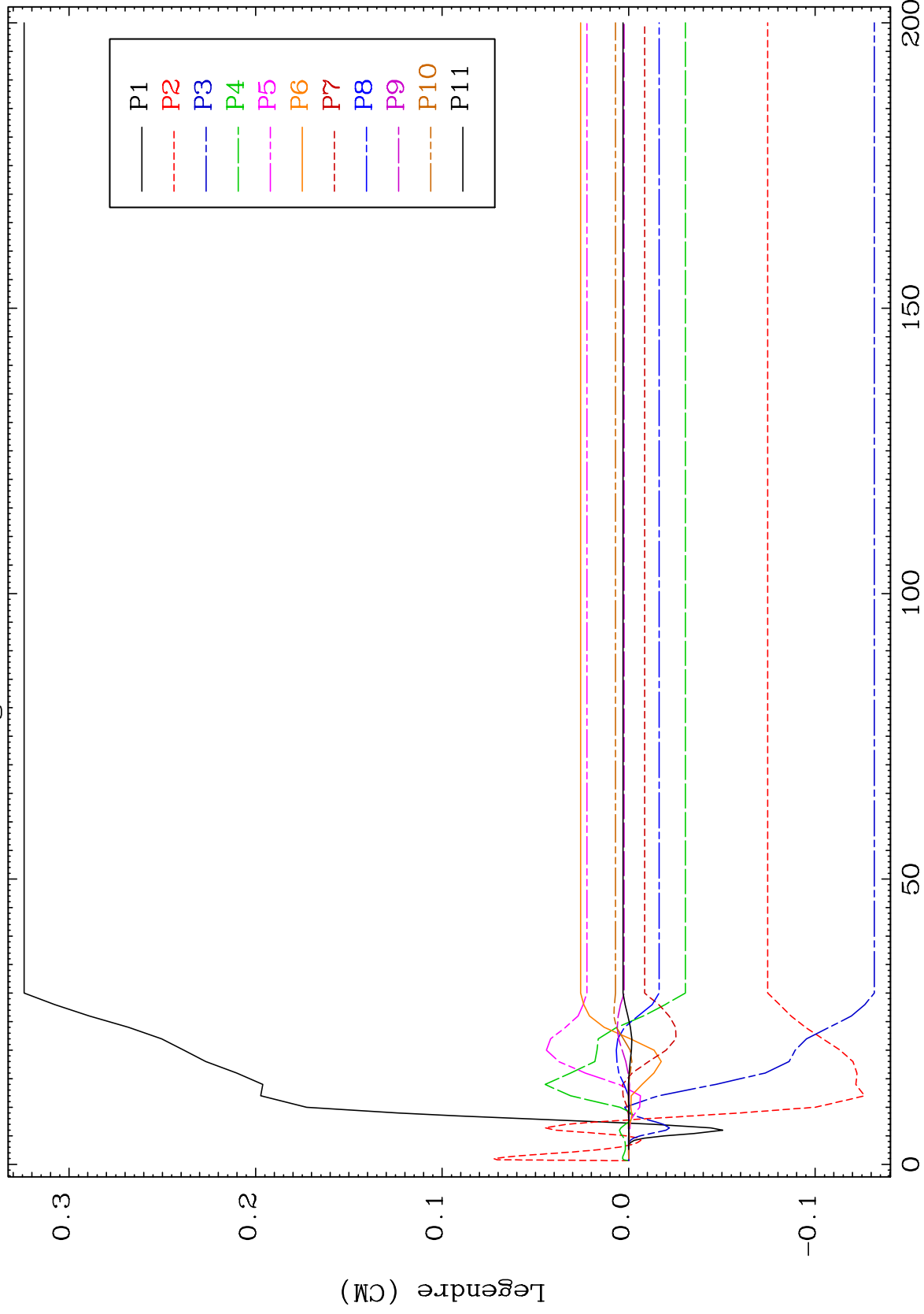
81-Tl-210



MAT 8146

MT= 64 (n,n') Level  
Legendre Coefficients

81-Tl-210



67

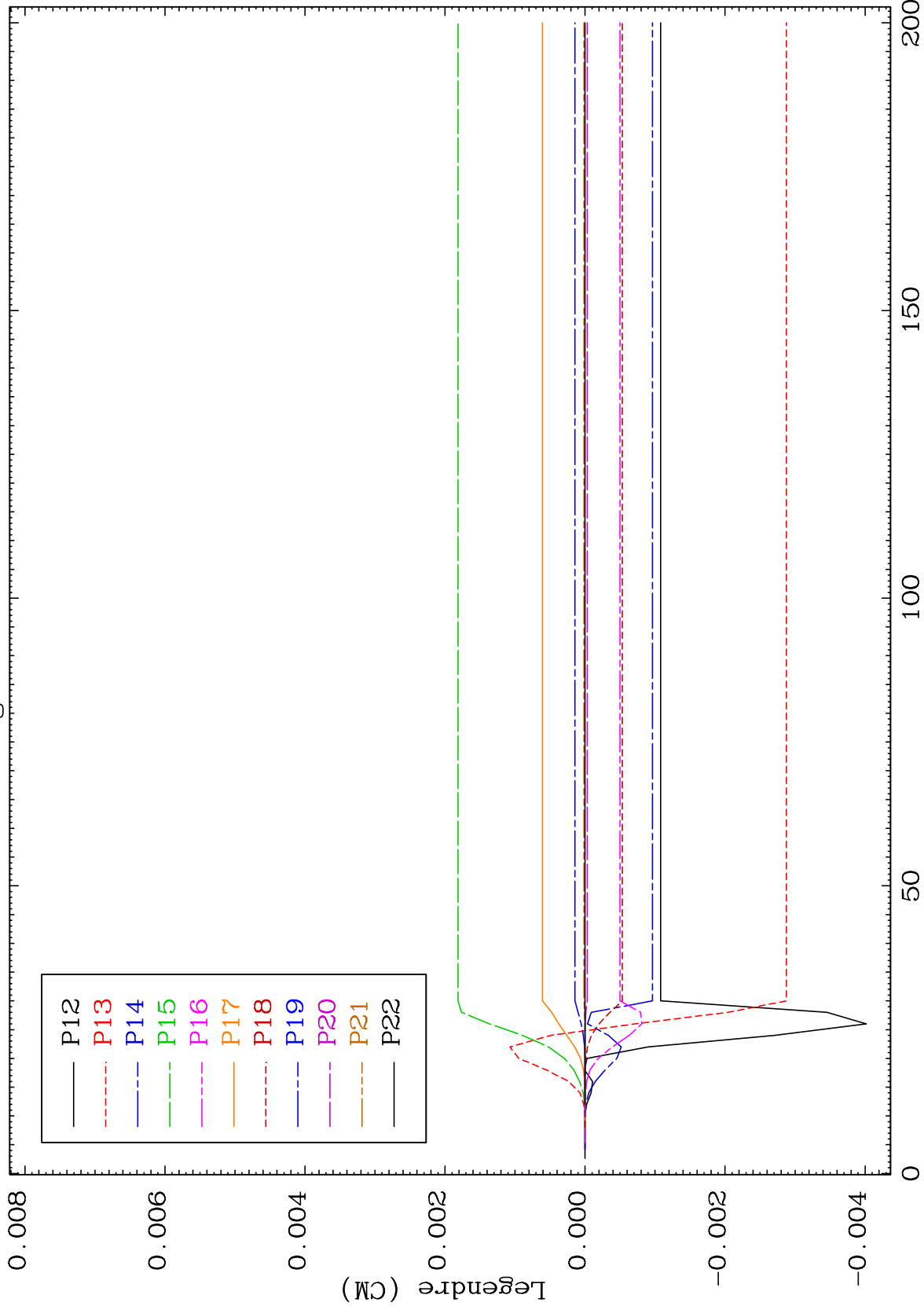
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 64 (n,n') Level  
Legendre Coefficients

81-Tl-210



68

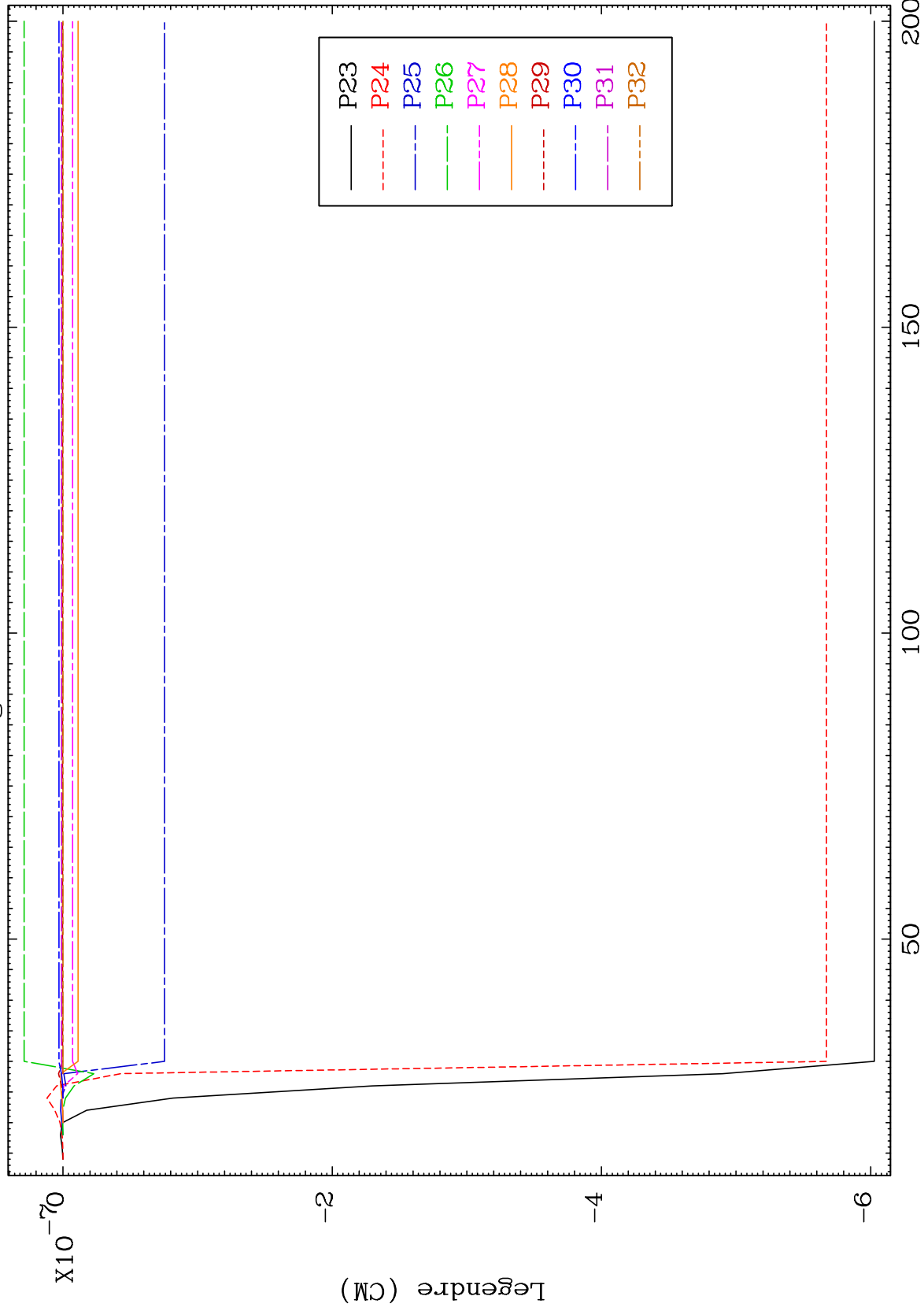
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 64 (n,n') Level  
Legendre Coefficients

81-Tl-210



69

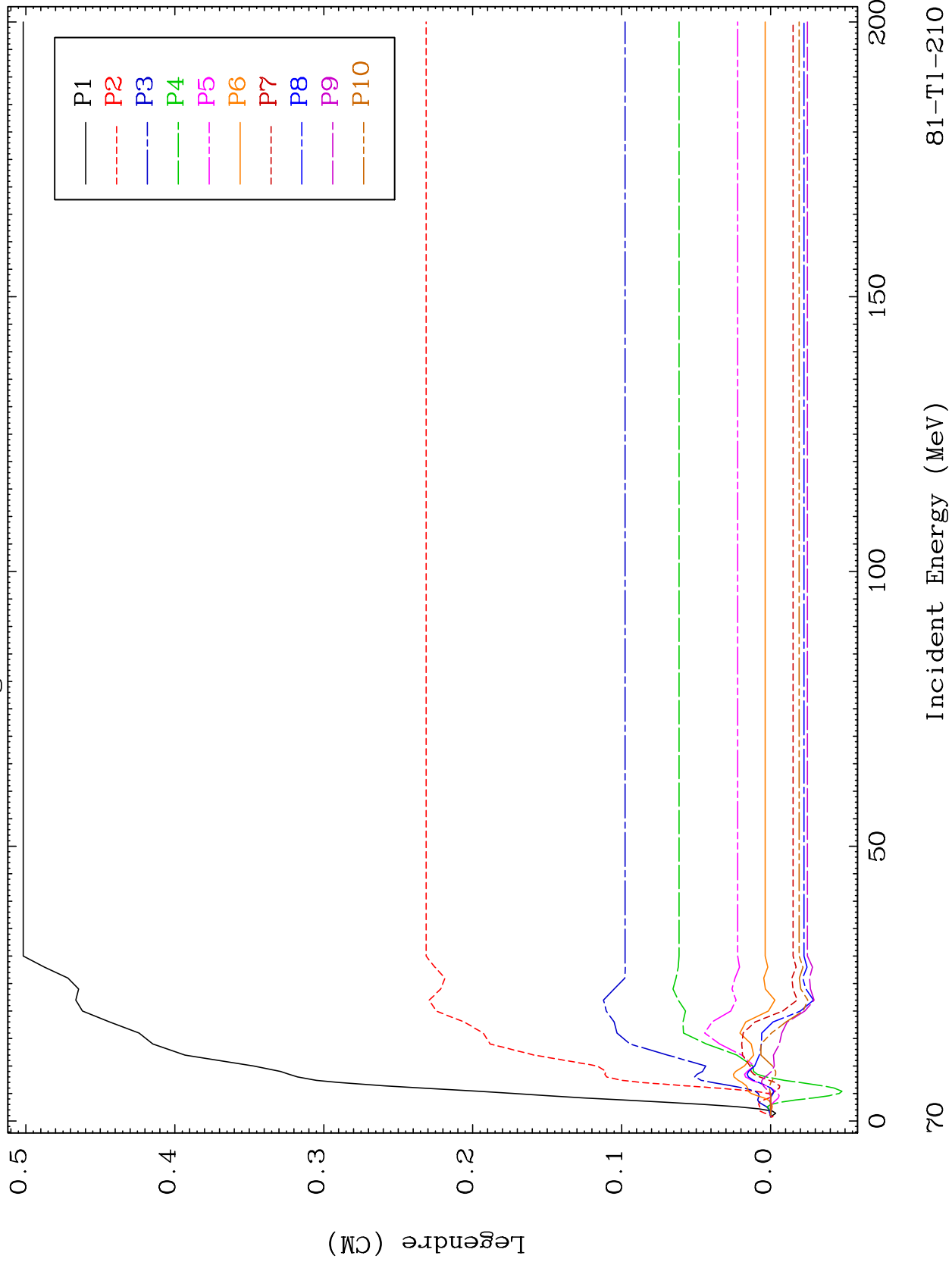
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 65 (n,n') Level  
Legendre Coefficients

81-T1-210



81-T1-210

Incident Energy (MeV)

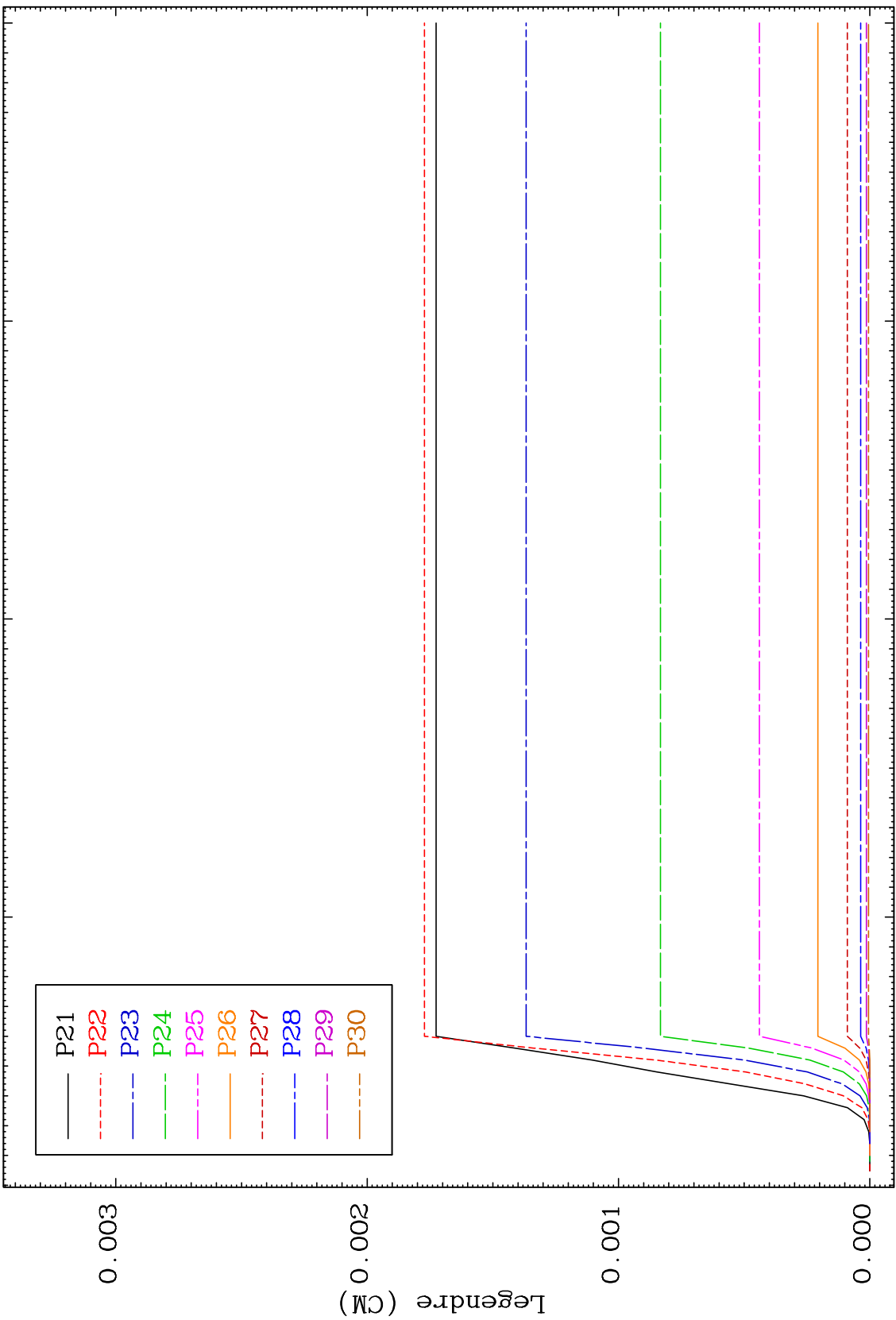
70



MAT 8146

MT= 65 (n,n') Level  
Legendre Coefficients

81-Tl-210



72

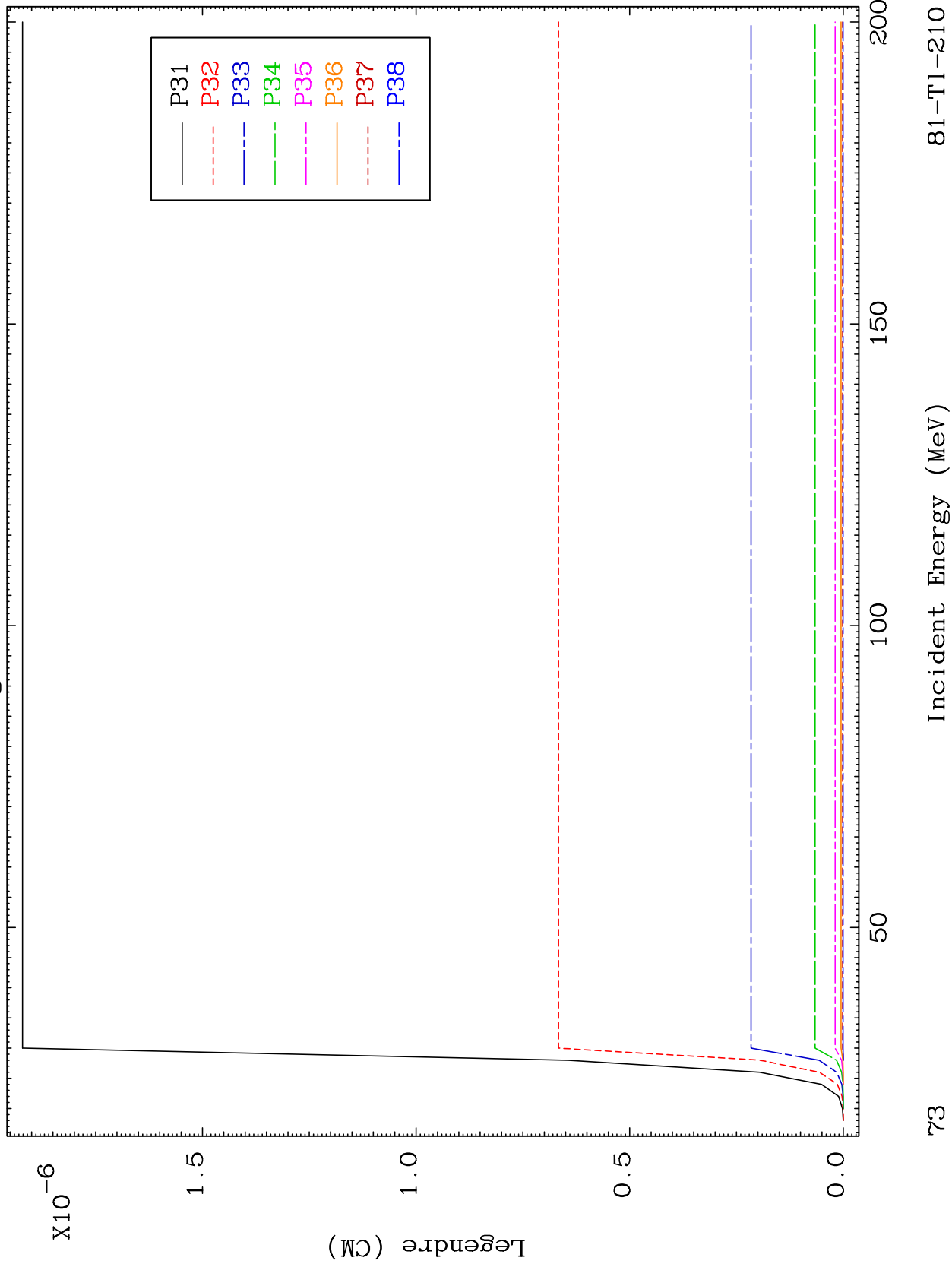
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 65 (n,n') Level  
Legendre Coefficients

81-T1-210



73

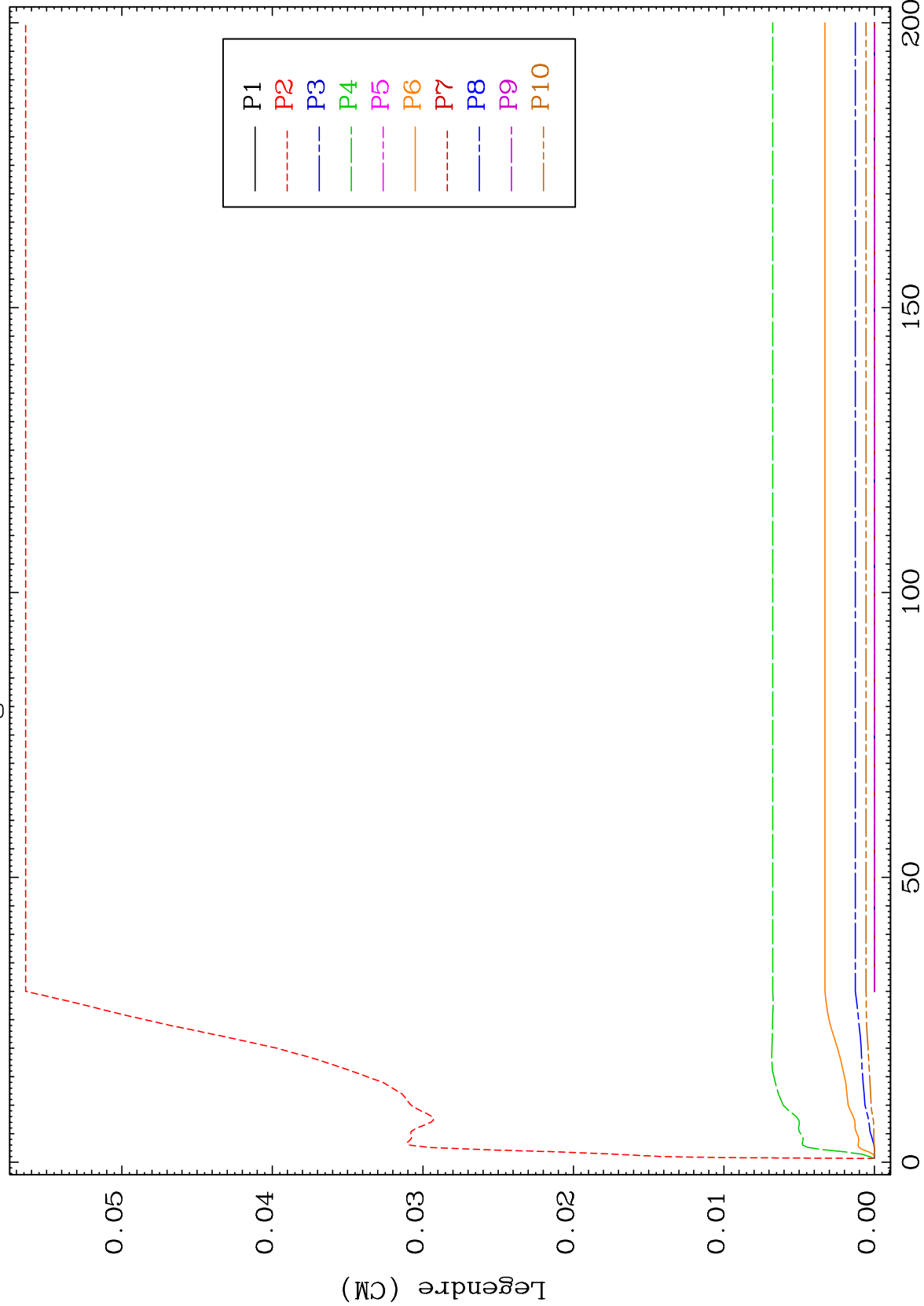
Incident Energy (MeV)

81-T1-210

MAT 8146

MT= 66 (n,n') Level  
Legendre Coefficients

81-Tl-210



74

Incident Energy (MeV)

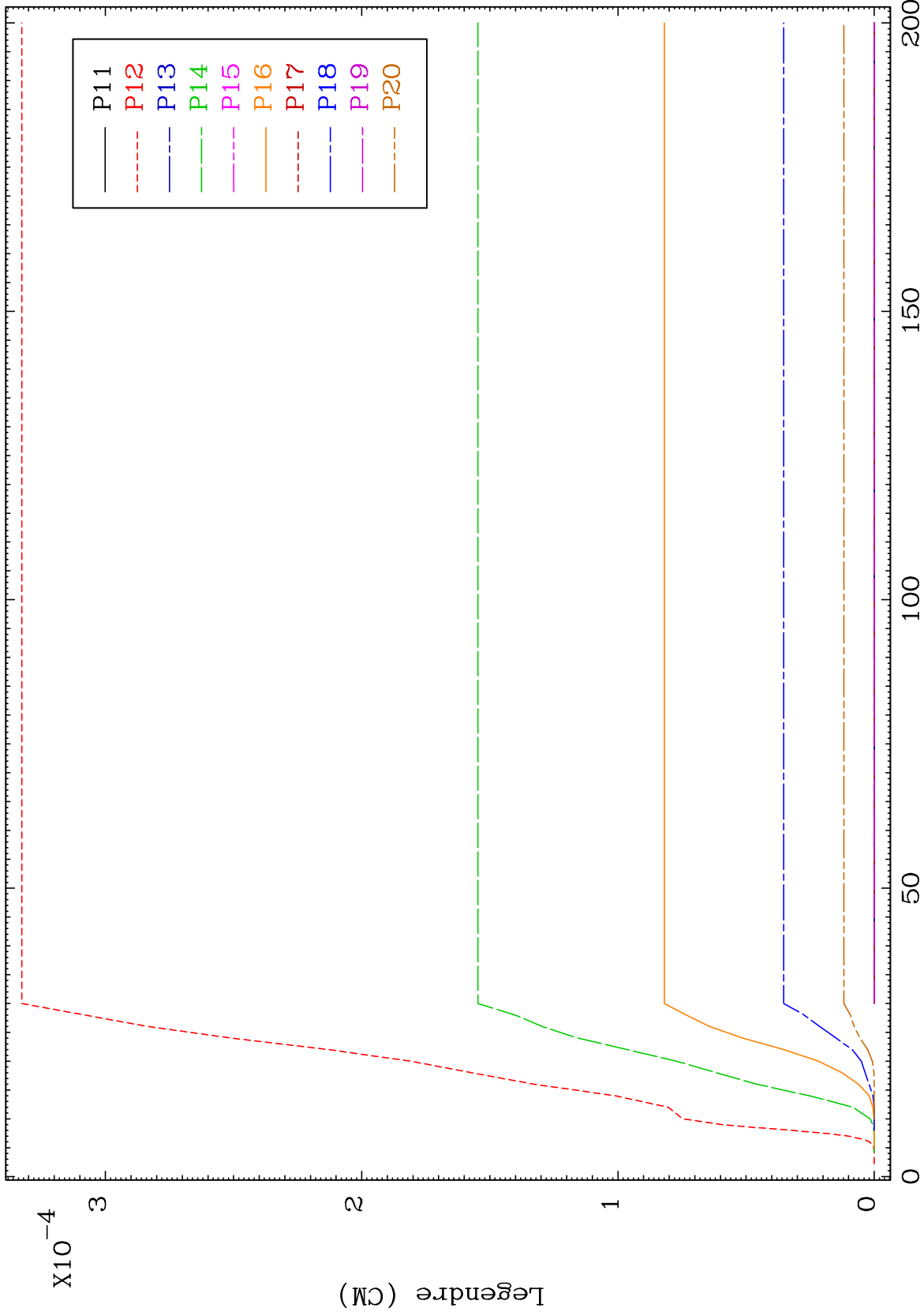
81-Tl-210

MAT 8146

MT= 66 (n,n') Level

81-Tl-210

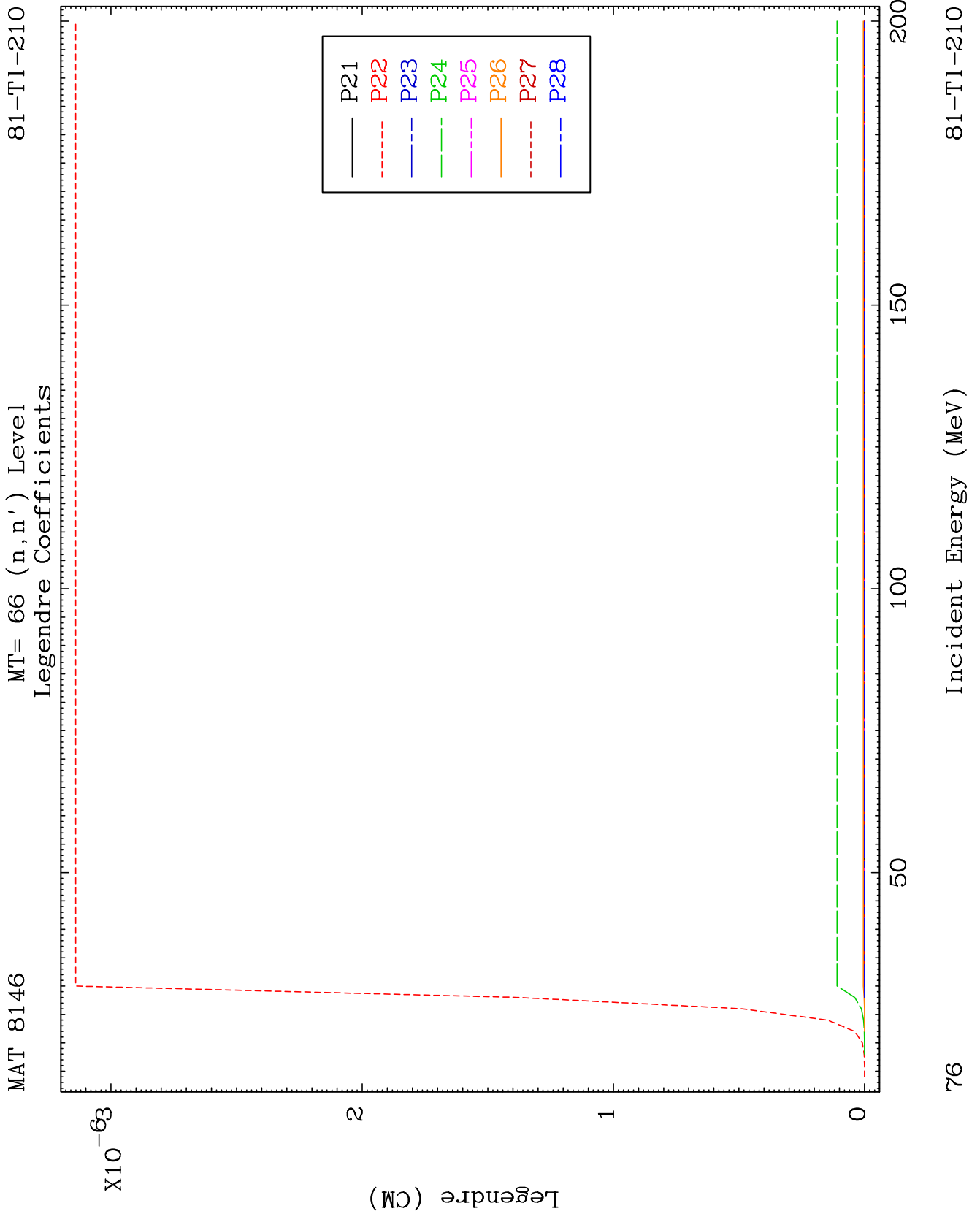
Legendre Coefficients



75

Incident Energy (MeV)

81-Tl-210

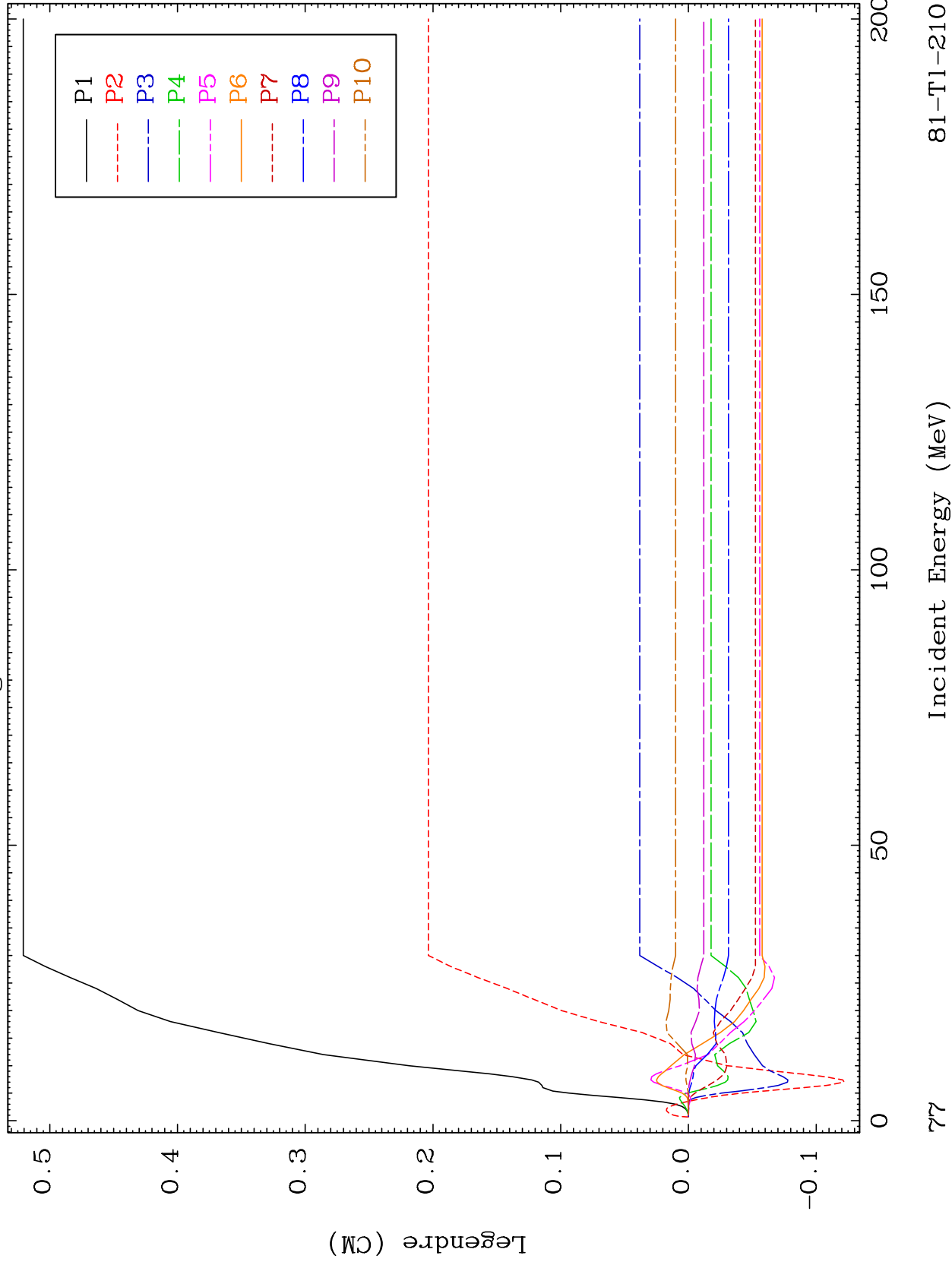


MAT 8146

MT= 67 (n,n') Level

81-Tl-210

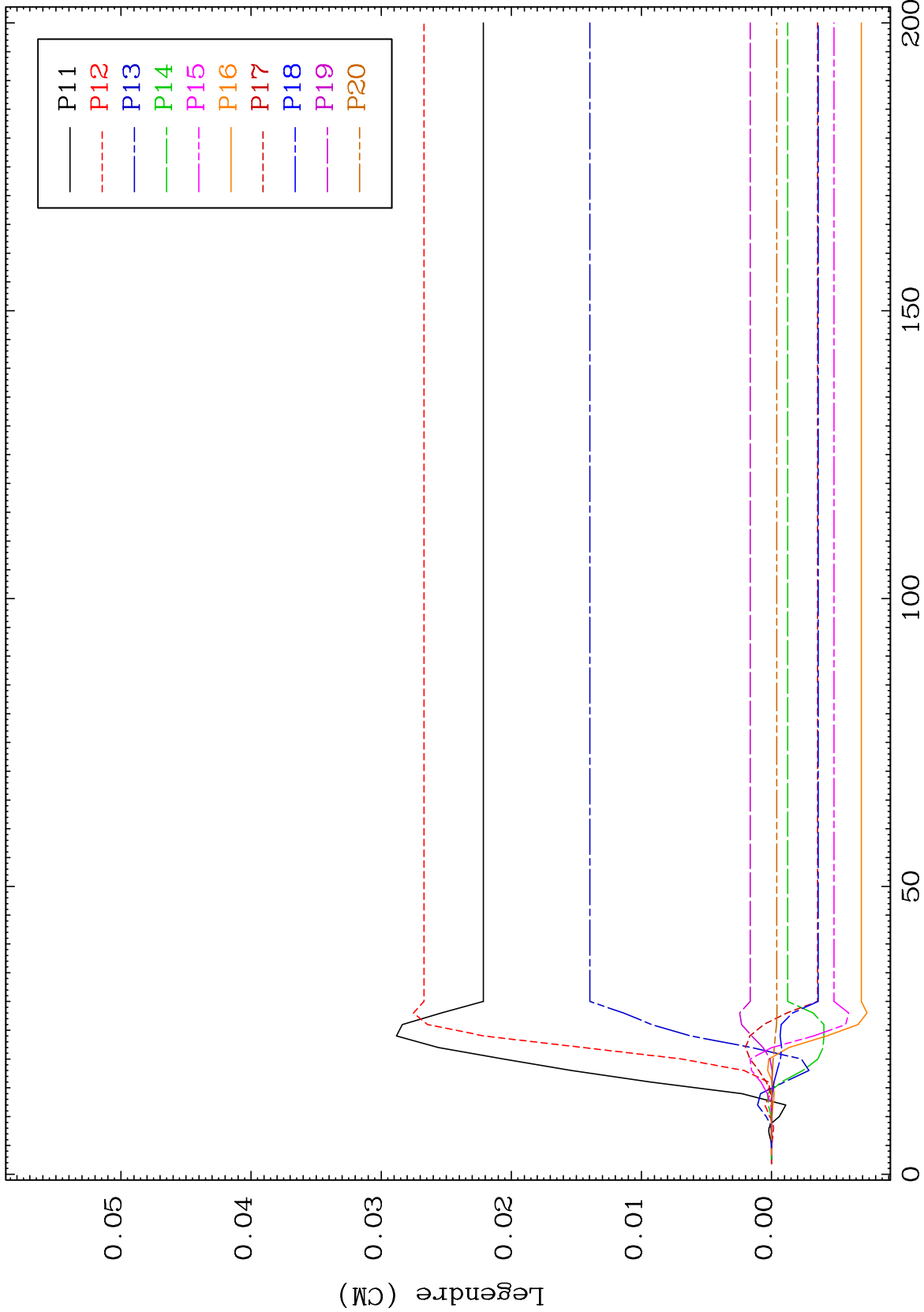
Legendre Coefficients



MAT 8146

MT= 67 (n,n') Level  
Legendre Coefficients

81-T1-210



78

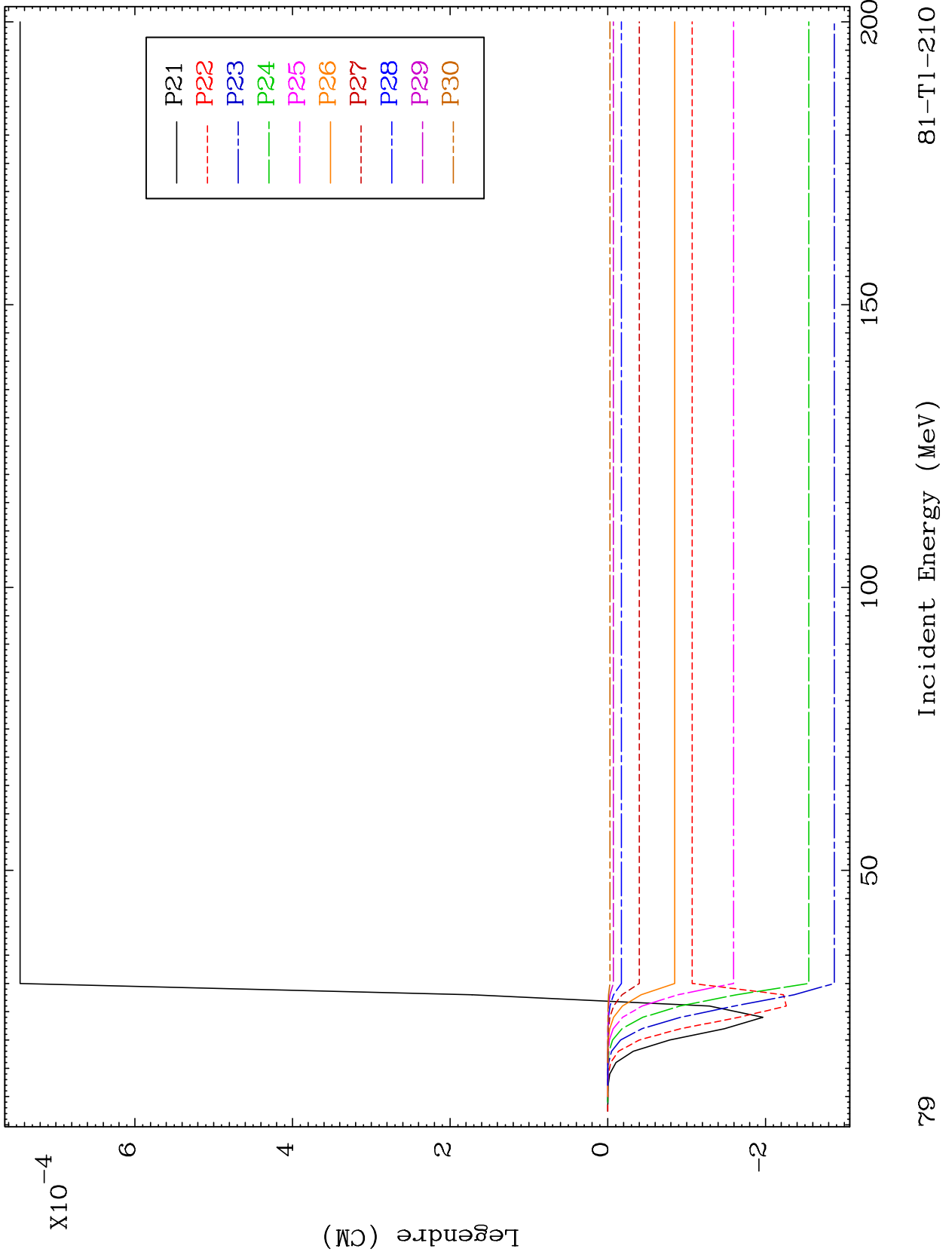
Incident Energy (MeV)

81-T1-210

MAT 8146

MT= 67 (n,n') Level  
Legendre Coefficients

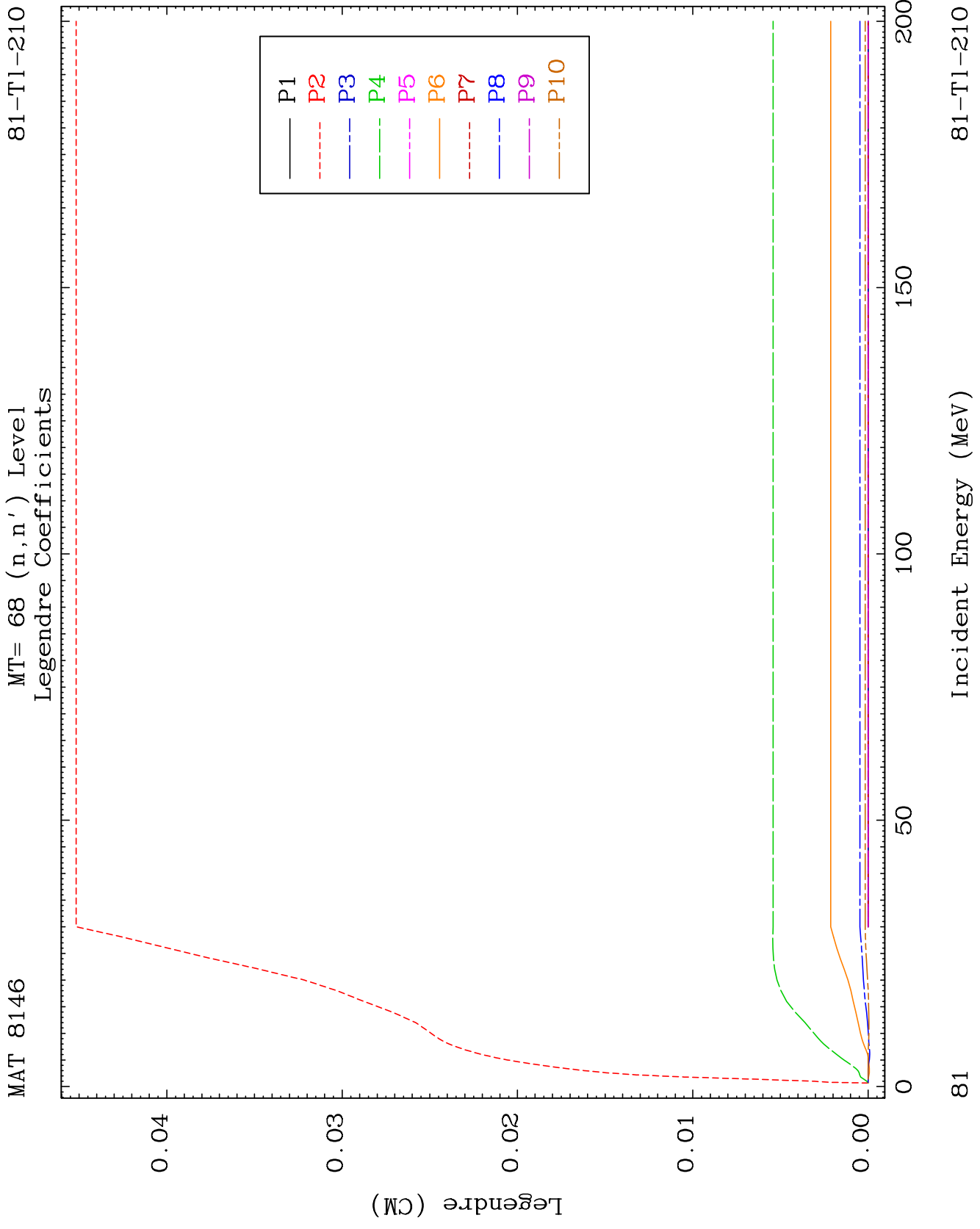
81-T1-210



79

81-T1-210



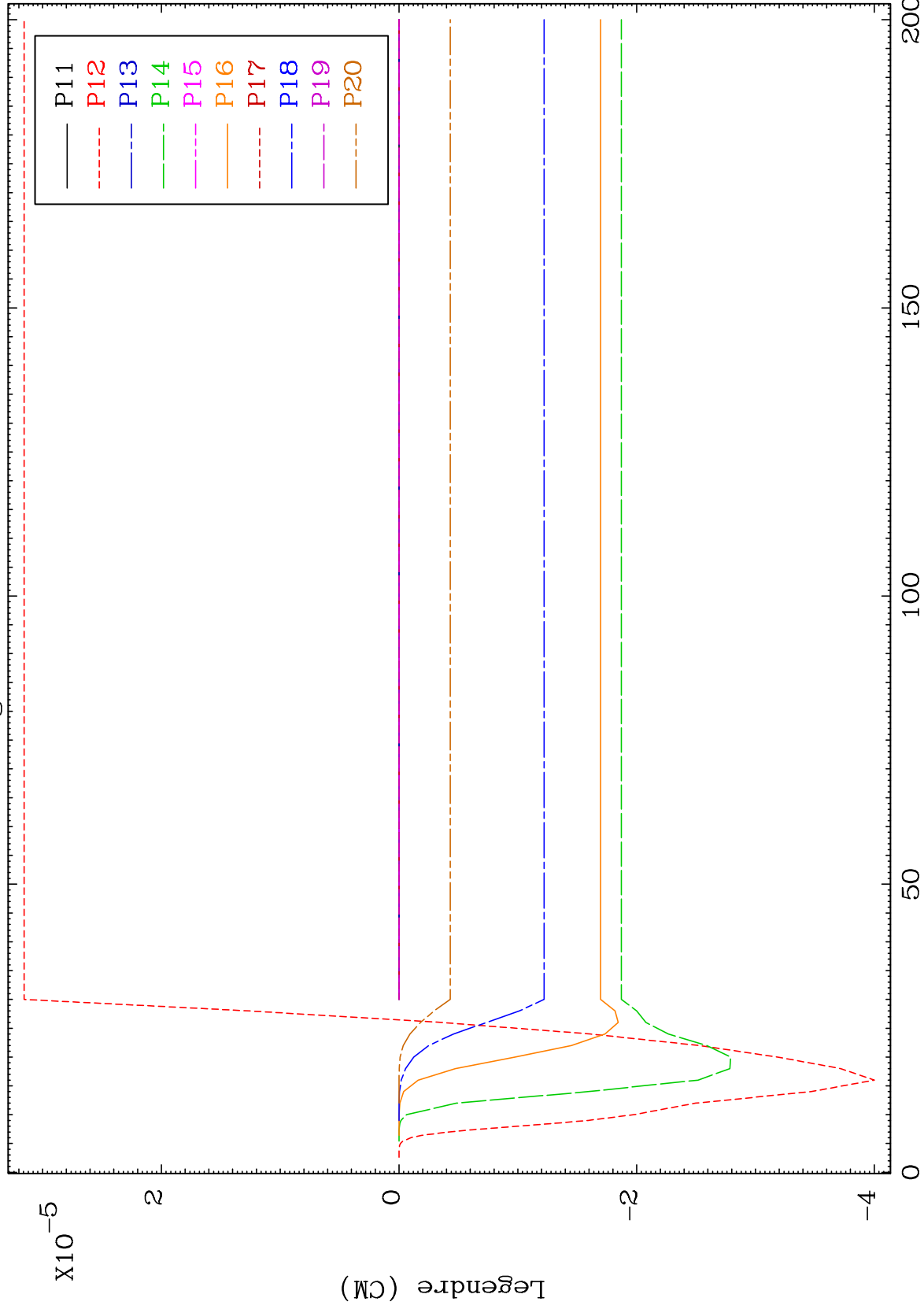


MAT 8146

MT= 68 (n,n') Level

81-Tl-210

Legendre Coefficients



82

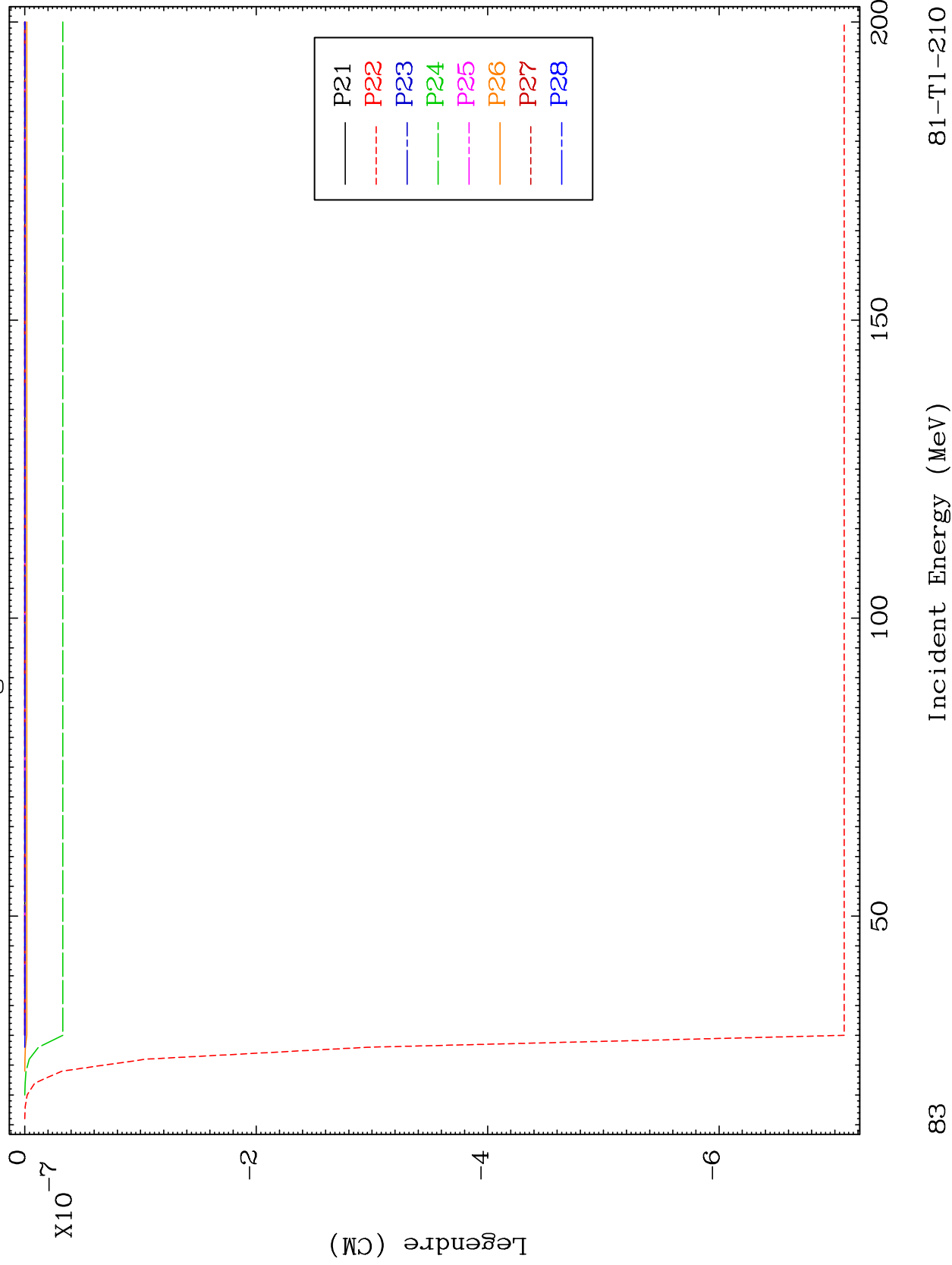
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 68 (n,n') Level  
Legendre Coefficients

81-T1-210



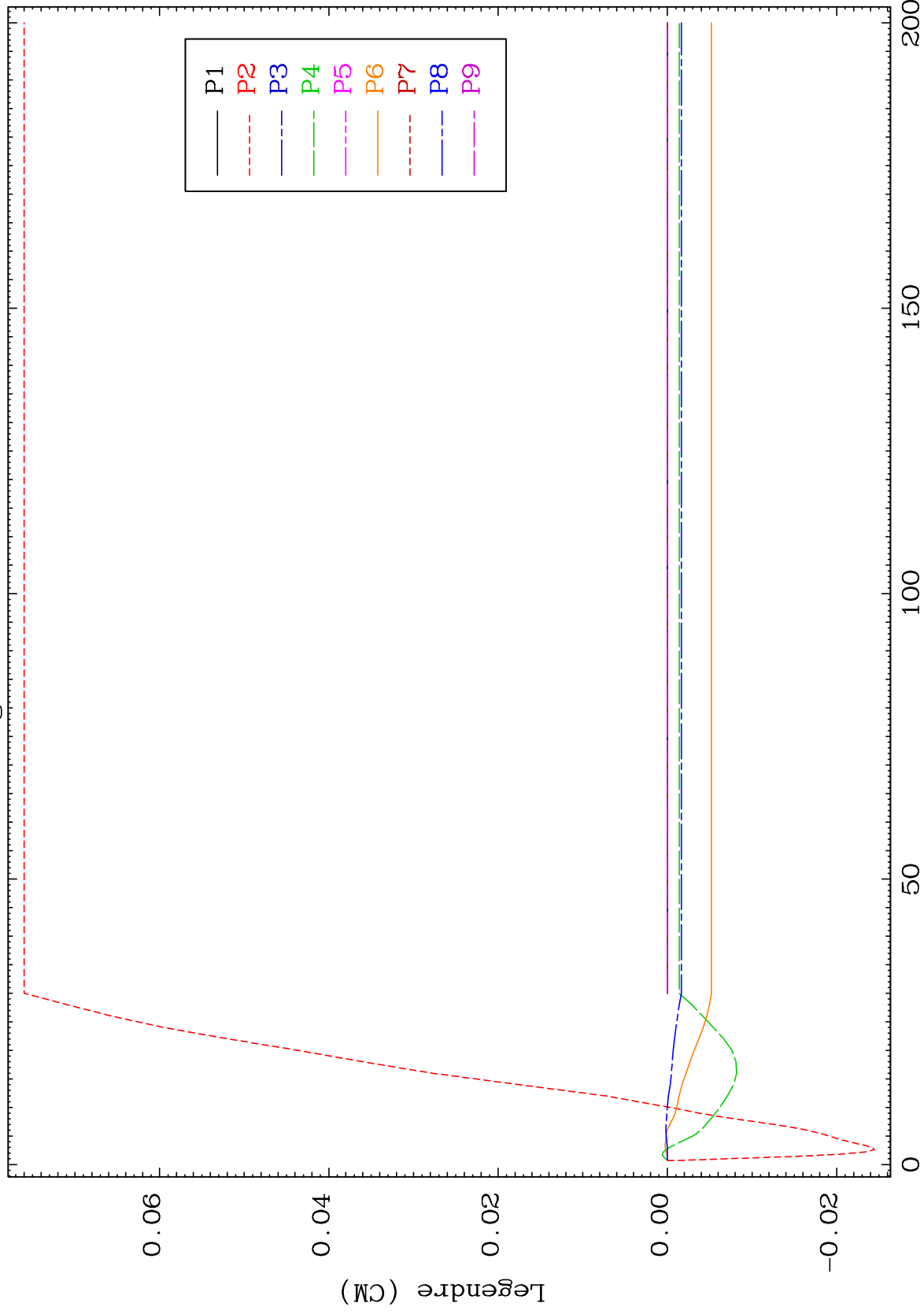
83

81-T1-210

MAT 8146

MT= 69 (n,n') Level  
Legendre Coefficients

81-T1-210



84

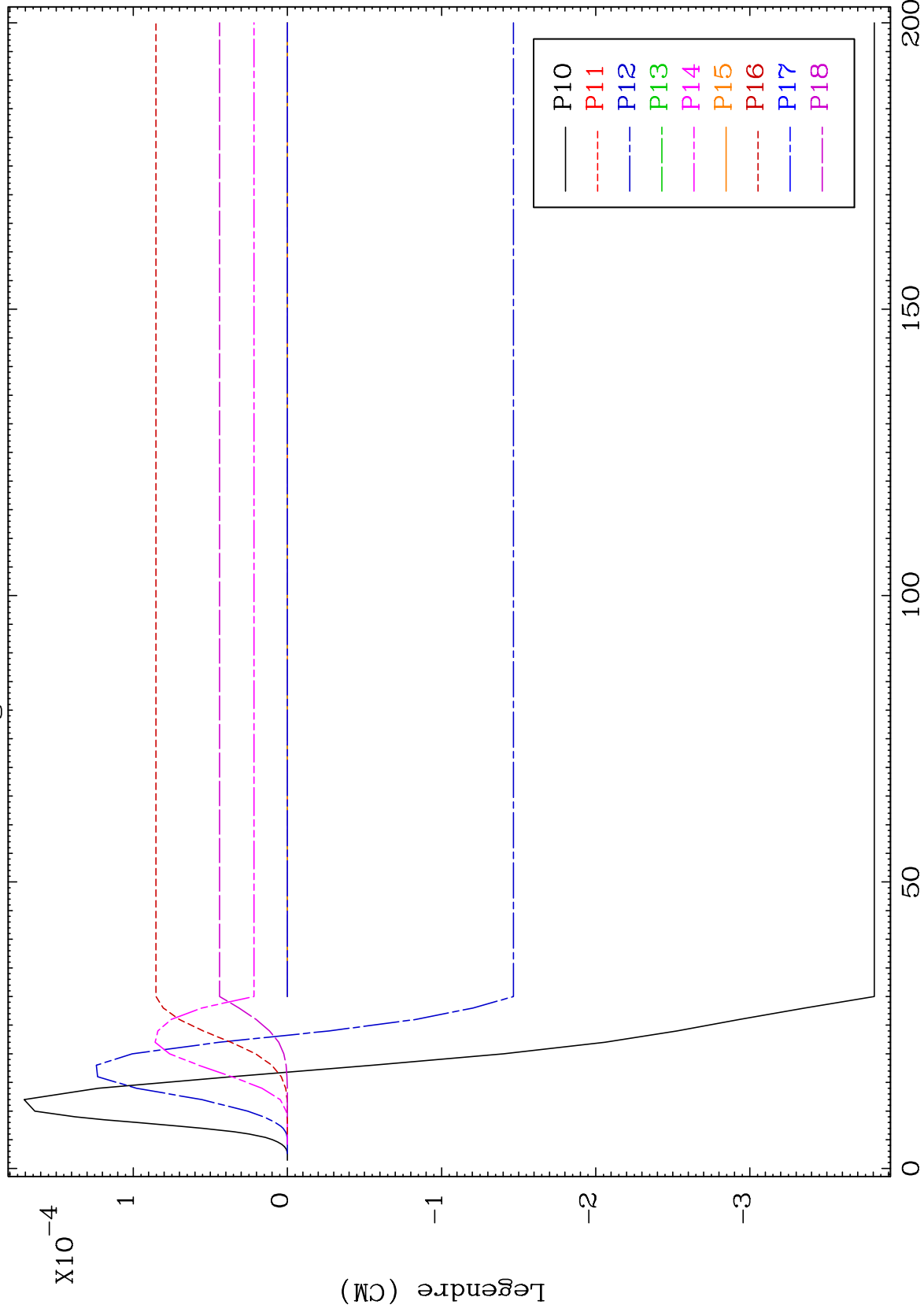
Incident Energy (MeV)

81-T1-210

MAT 8146

MT= 69 (n,n') Level  
Legendre Coefficients

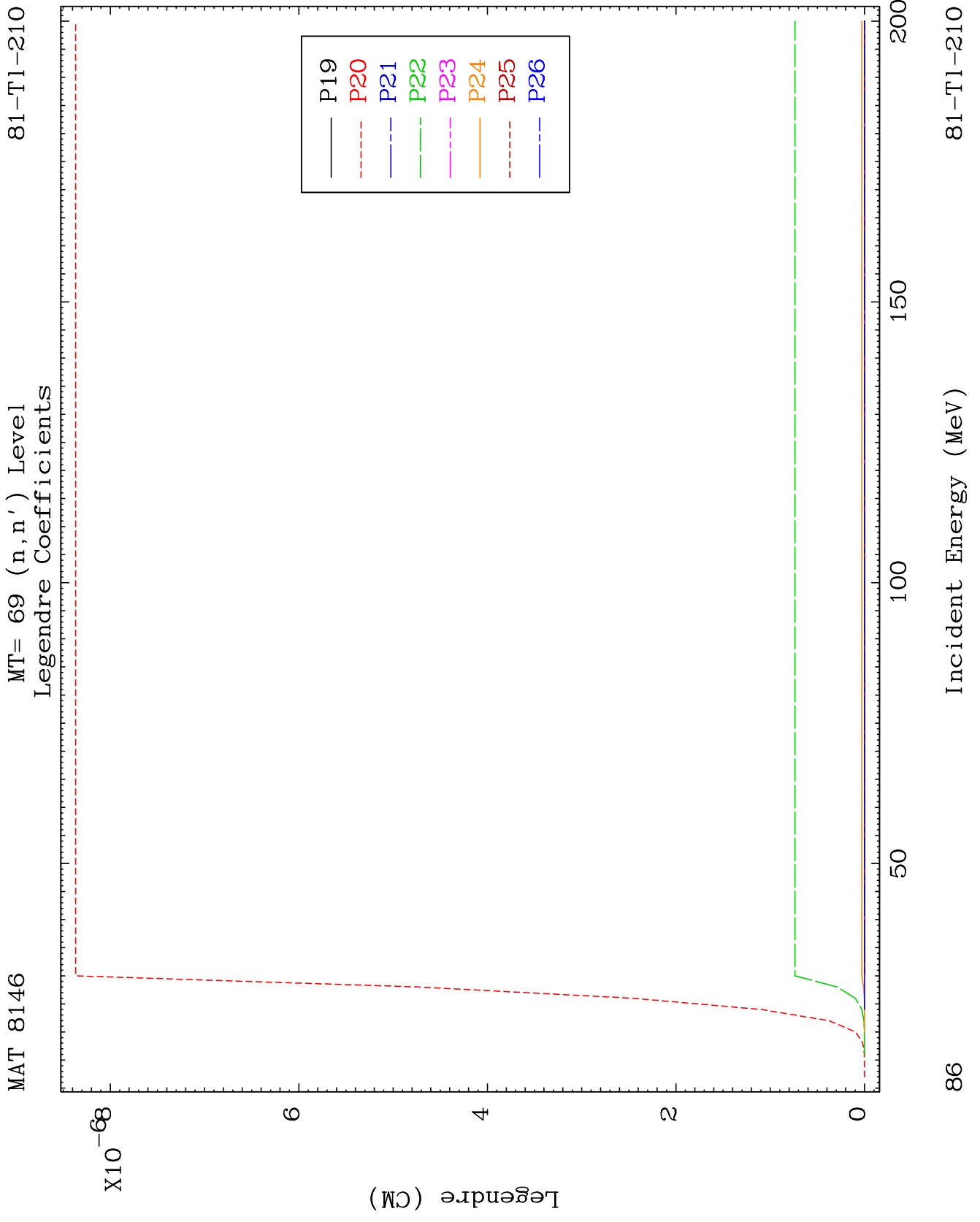
81-Tl-210



85

Incident Energy (MeV)

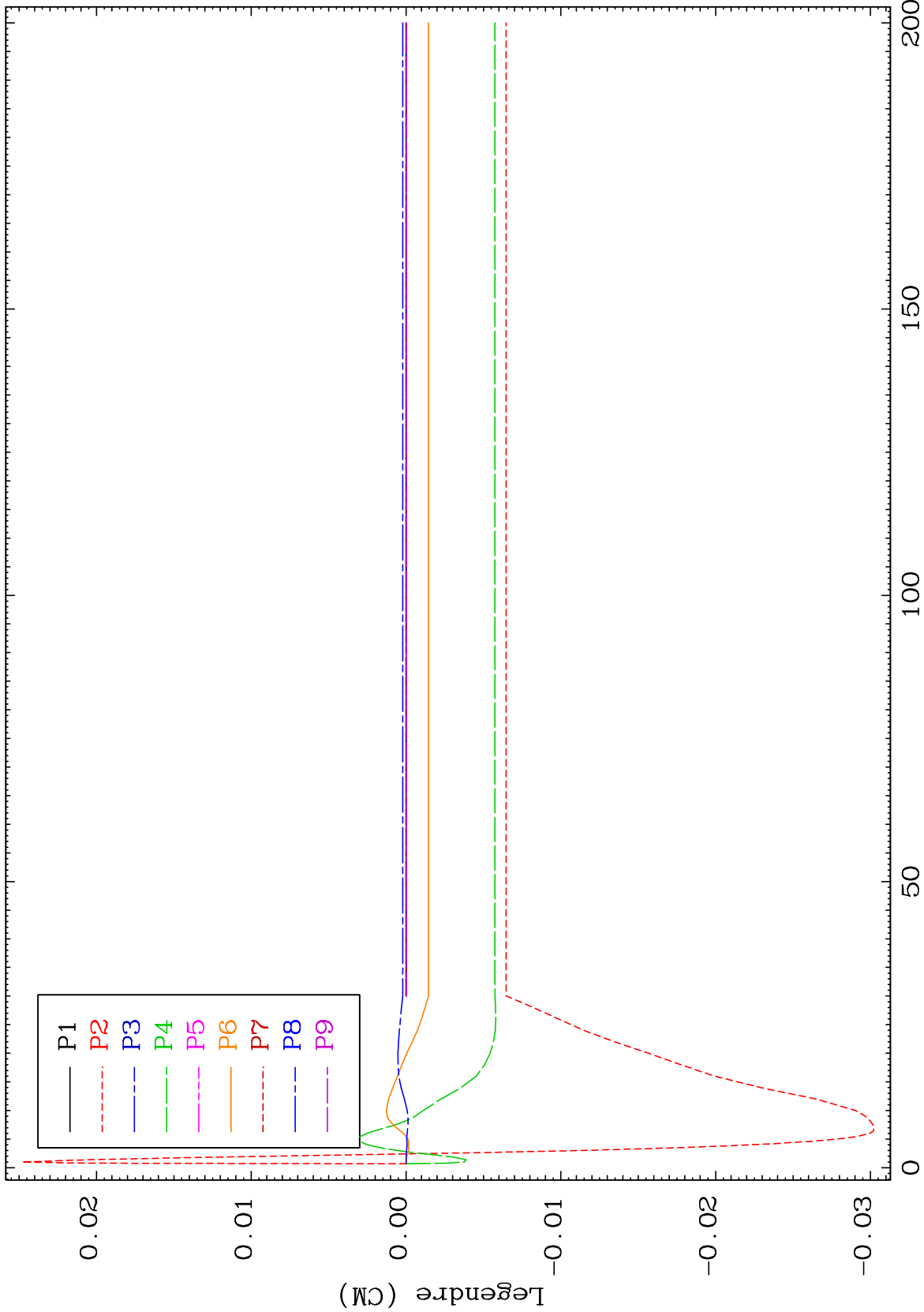
81-Tl-210



MAT 8146

MT= 70 (n,n') Level  
Legendre Coefficients

81-T1-210



87

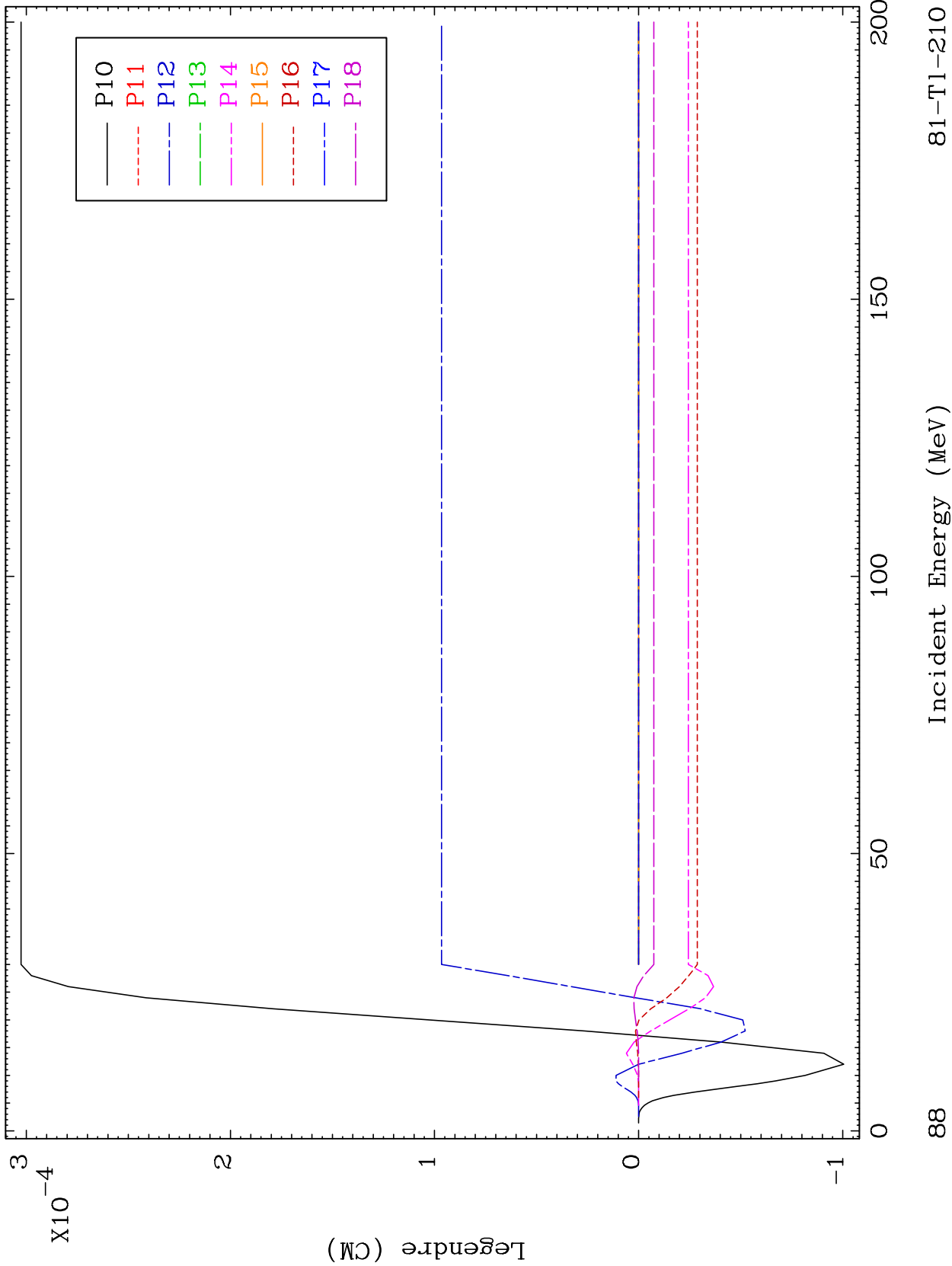
Incident Energy (MeV)

81-T1-210

MAT 8146

MT= 70 (n,n') Level  
Legendre Coefficients

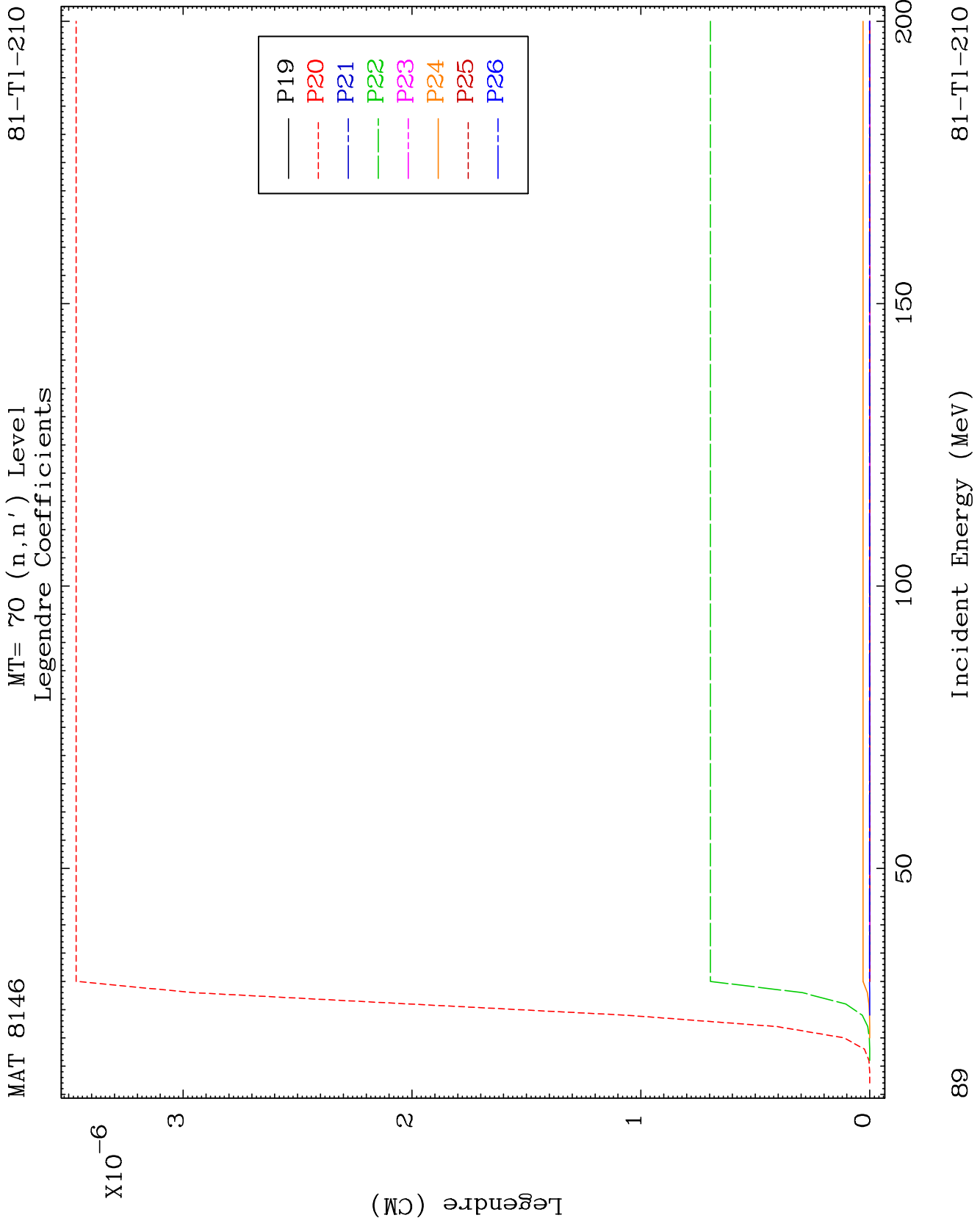
81-Tl-210



88

Incident Energy (MeV)

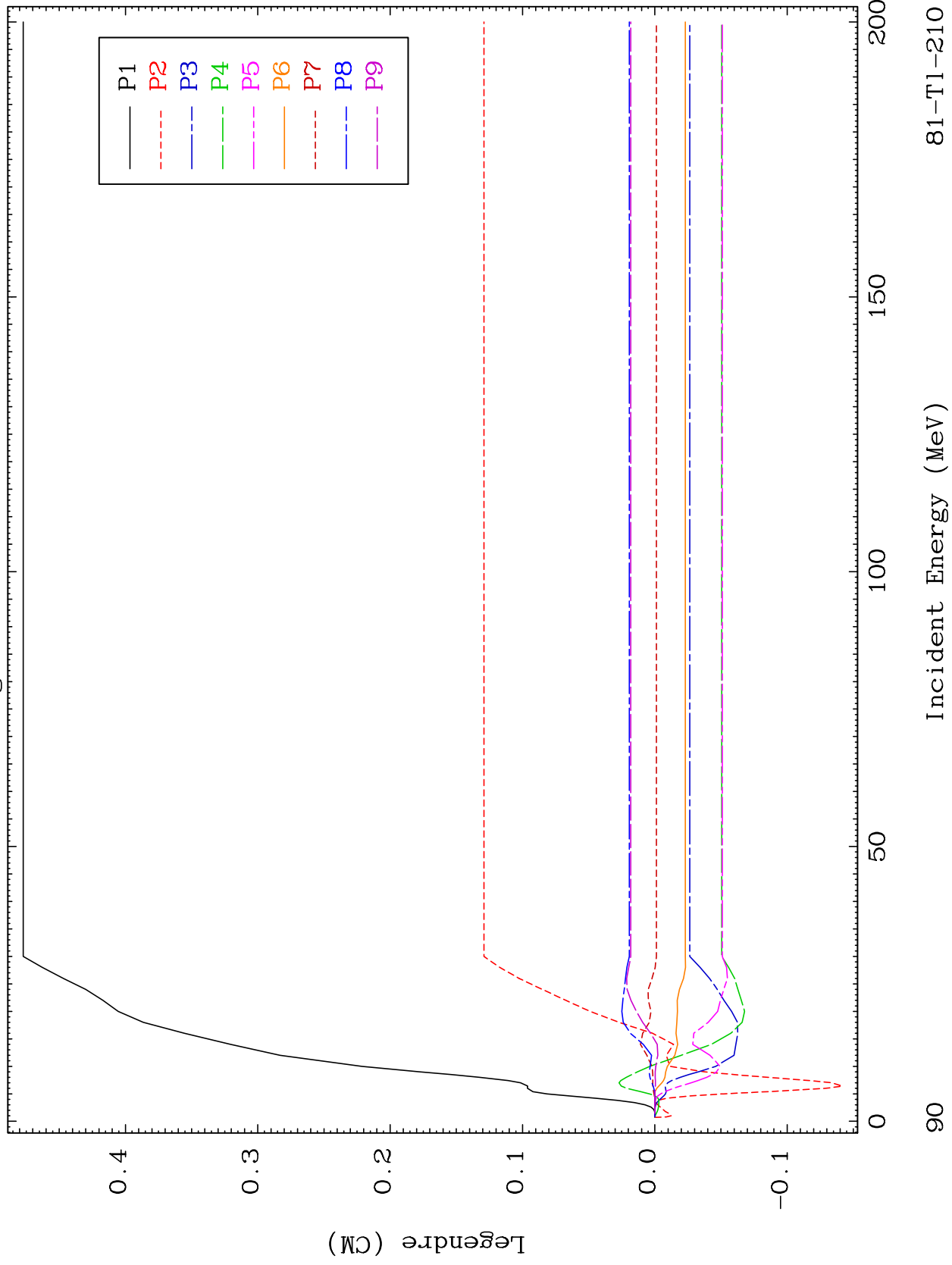
81-Tl-210



MAT 8146

MT= 71 (n,n') Level  
Legendre Coefficients

81-T1-210

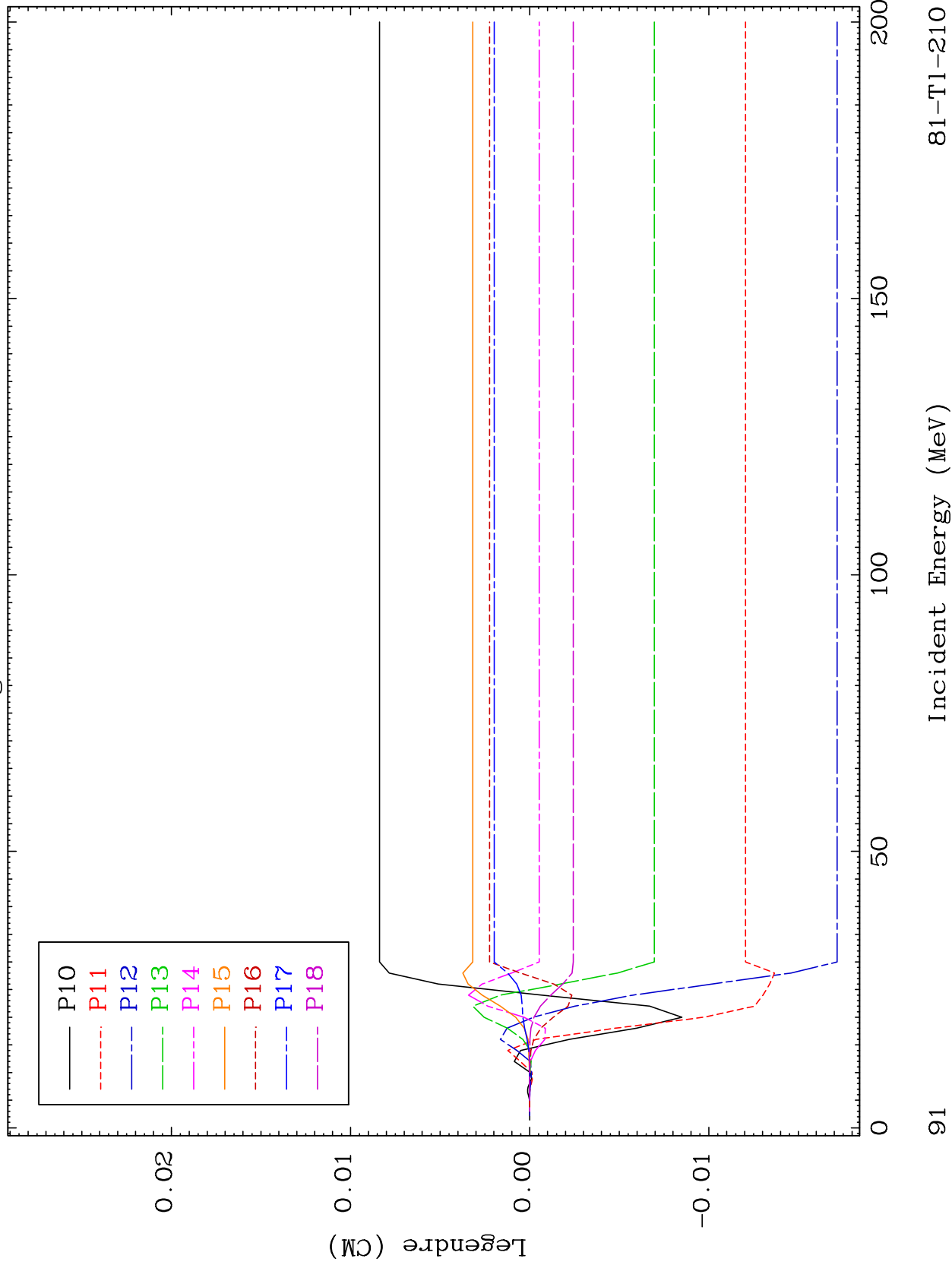


81-T1-210

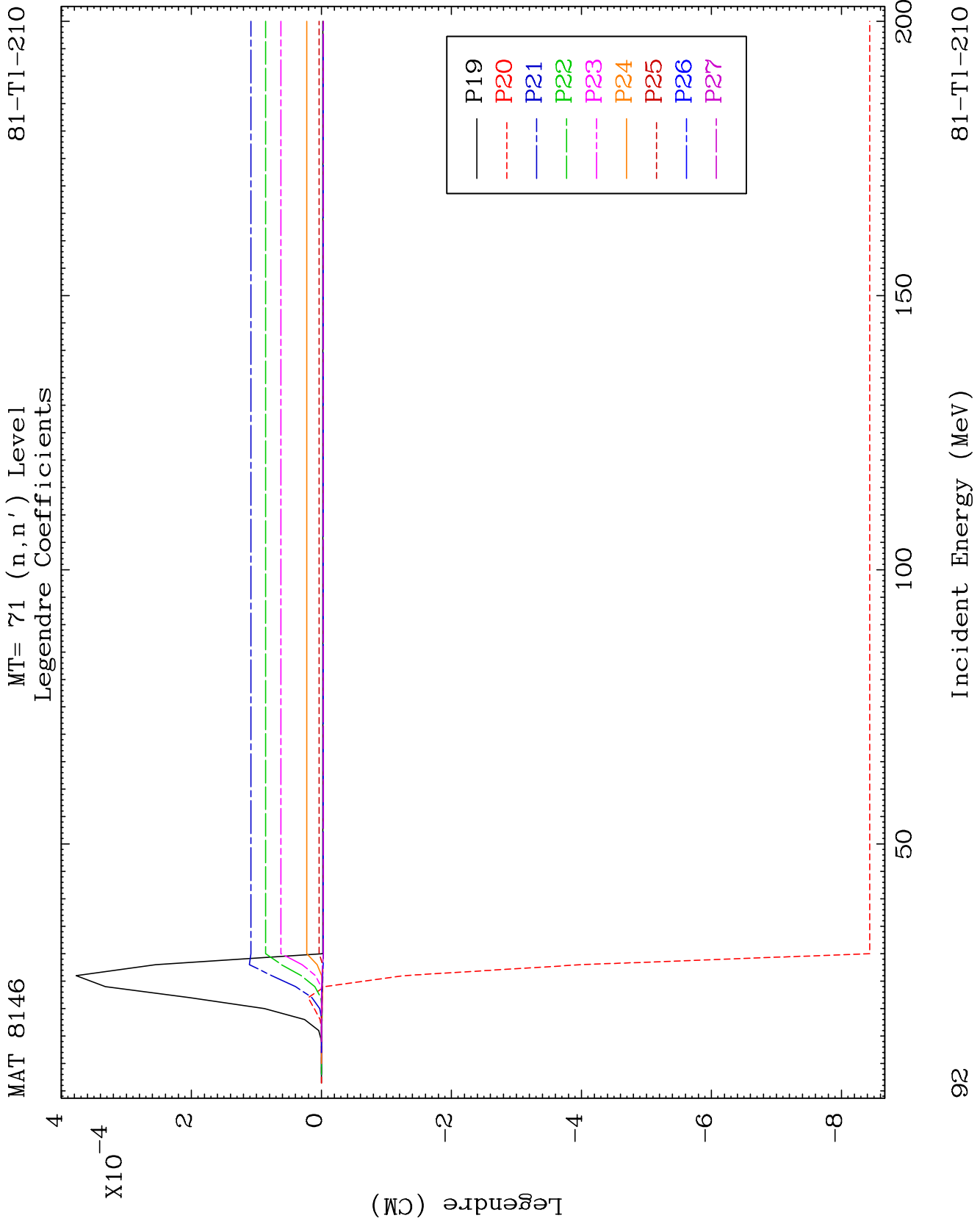
MAT 8146

MT= 71 (n,n') Level  
Legendre Coefficients

81-Tl-210



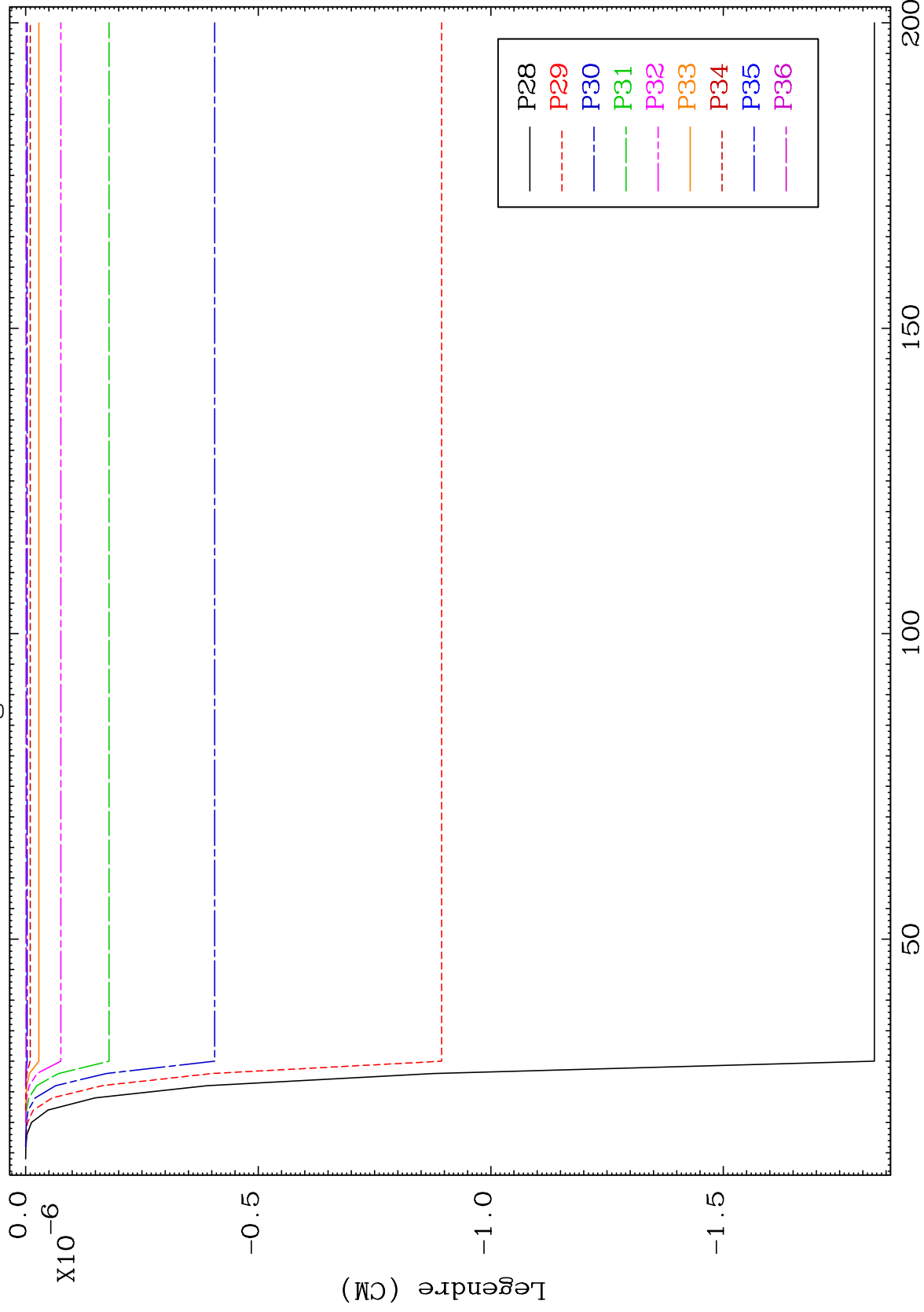
91



MAT 8146

MT= 71 (n,n') Level  
Legendre Coefficients

81-Tl-210



93

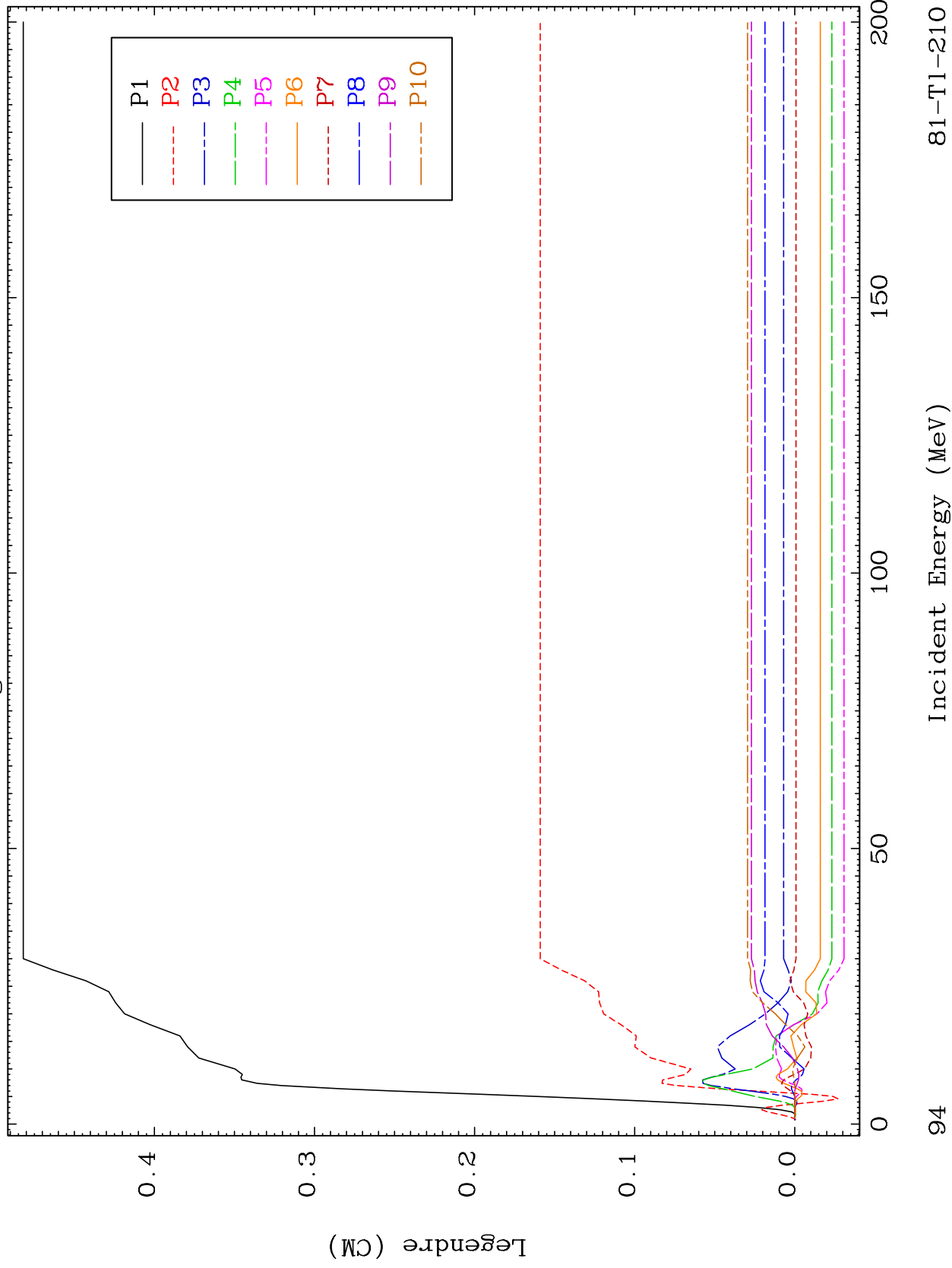
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 72 (n,n') Level  
Legendre Coefficients

81-T1-210



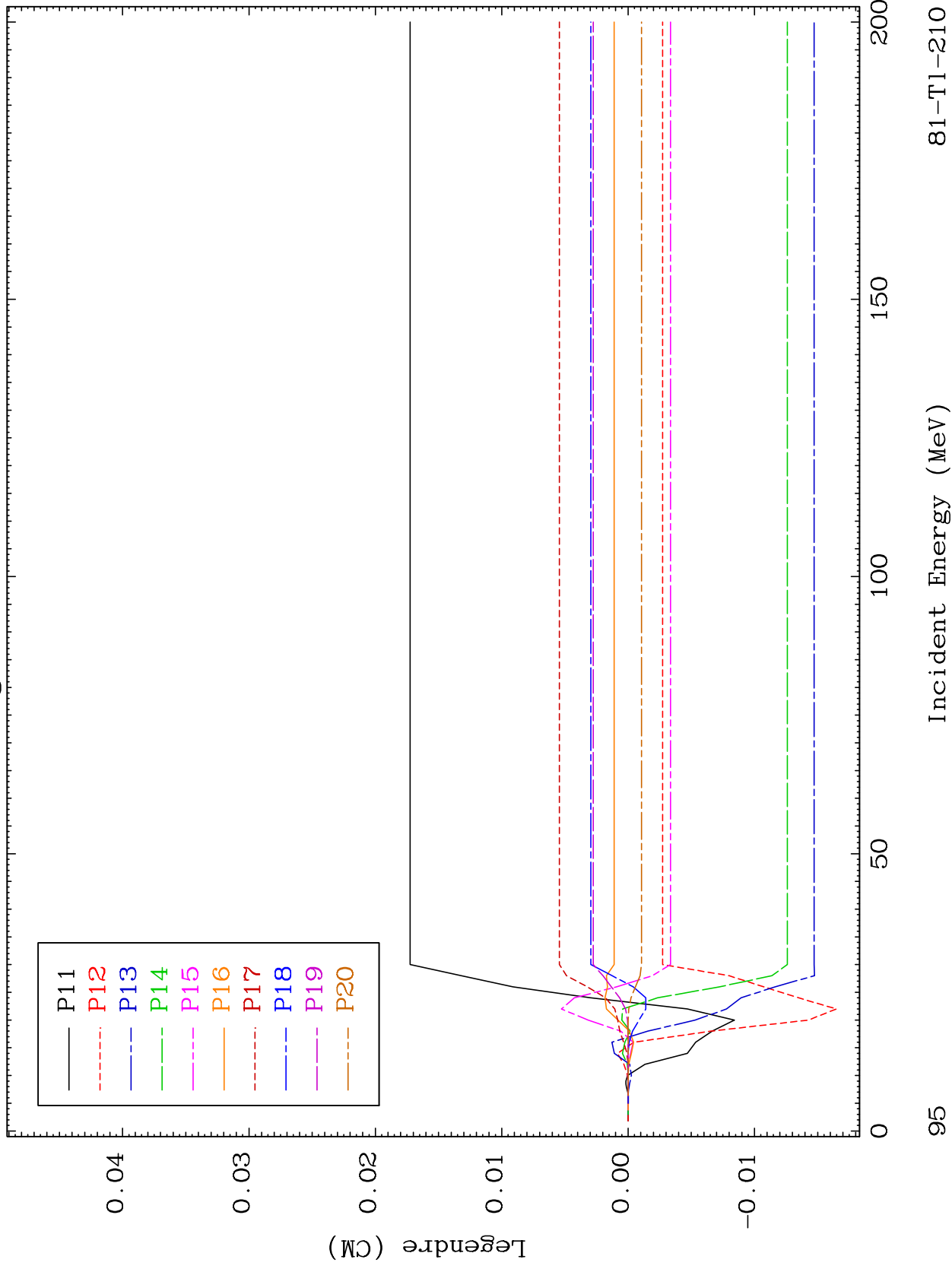
94

81-T1-210

MAT 8146

MT= 72 (n,n') Level  
Legendre Coefficients

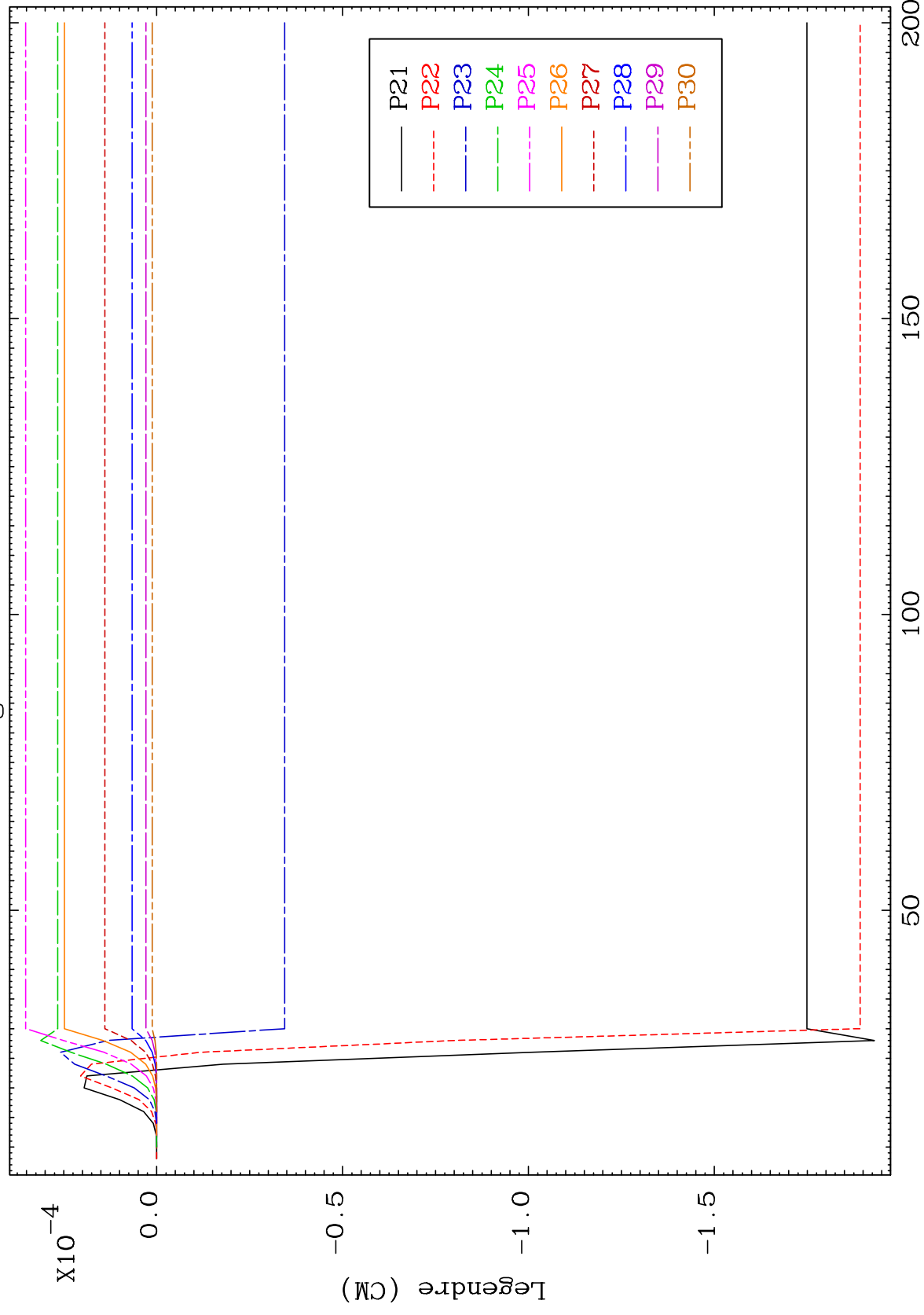
81-T1-210



95

Incident Energy (MeV)

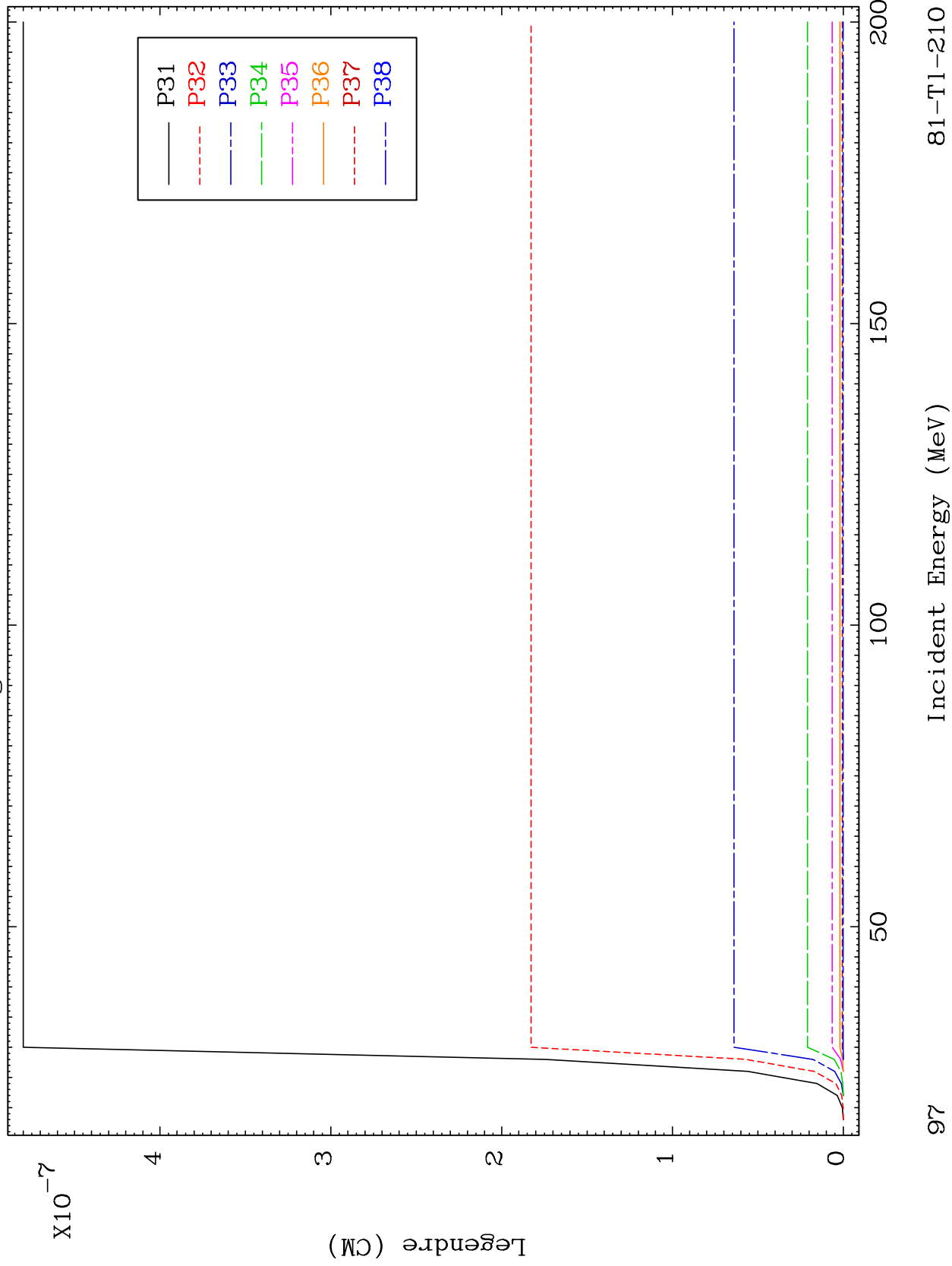
81-T1-210

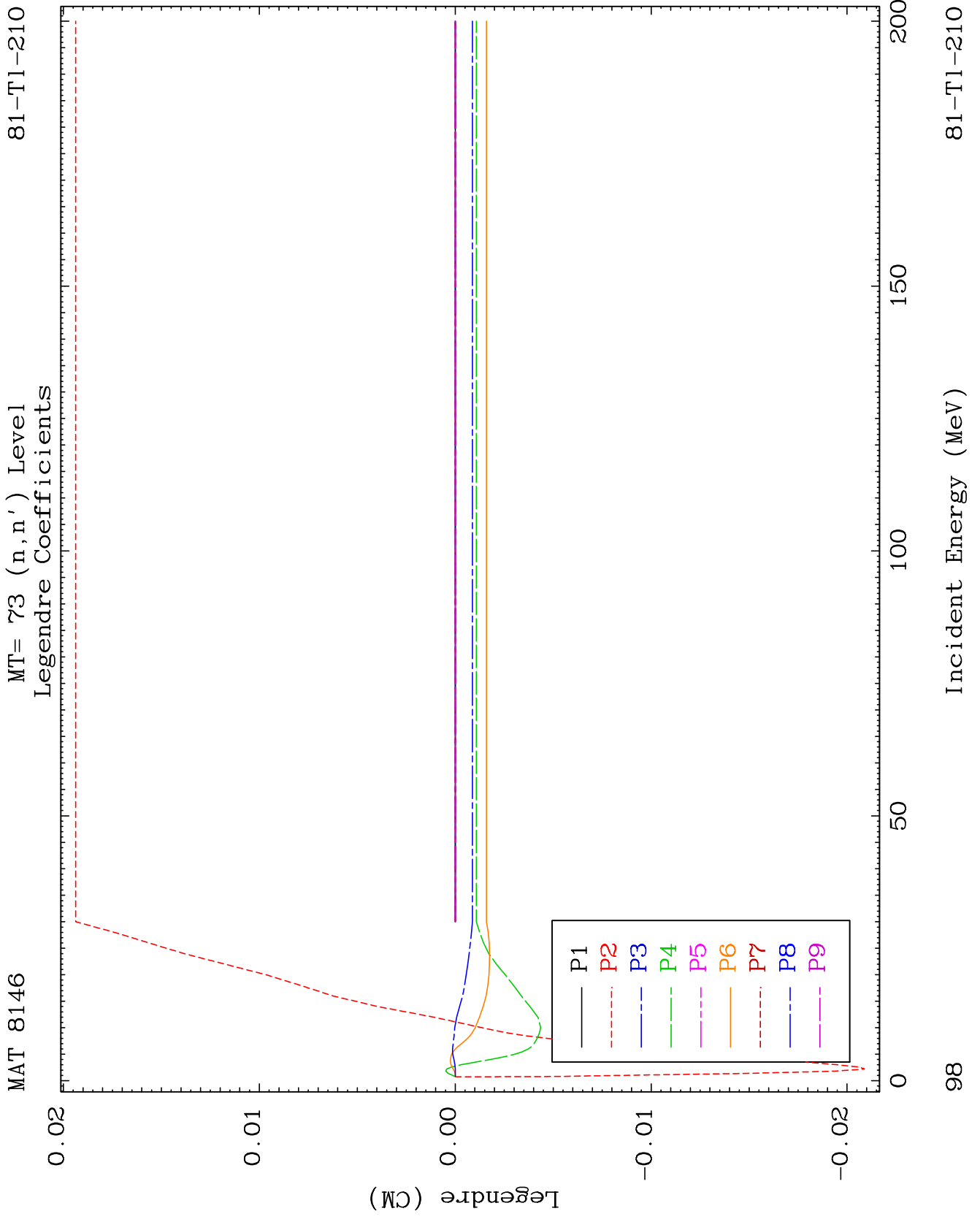


MAT 8146

MT= 72 (n,n') Level  
Legendre Coefficients

81-Tl-210

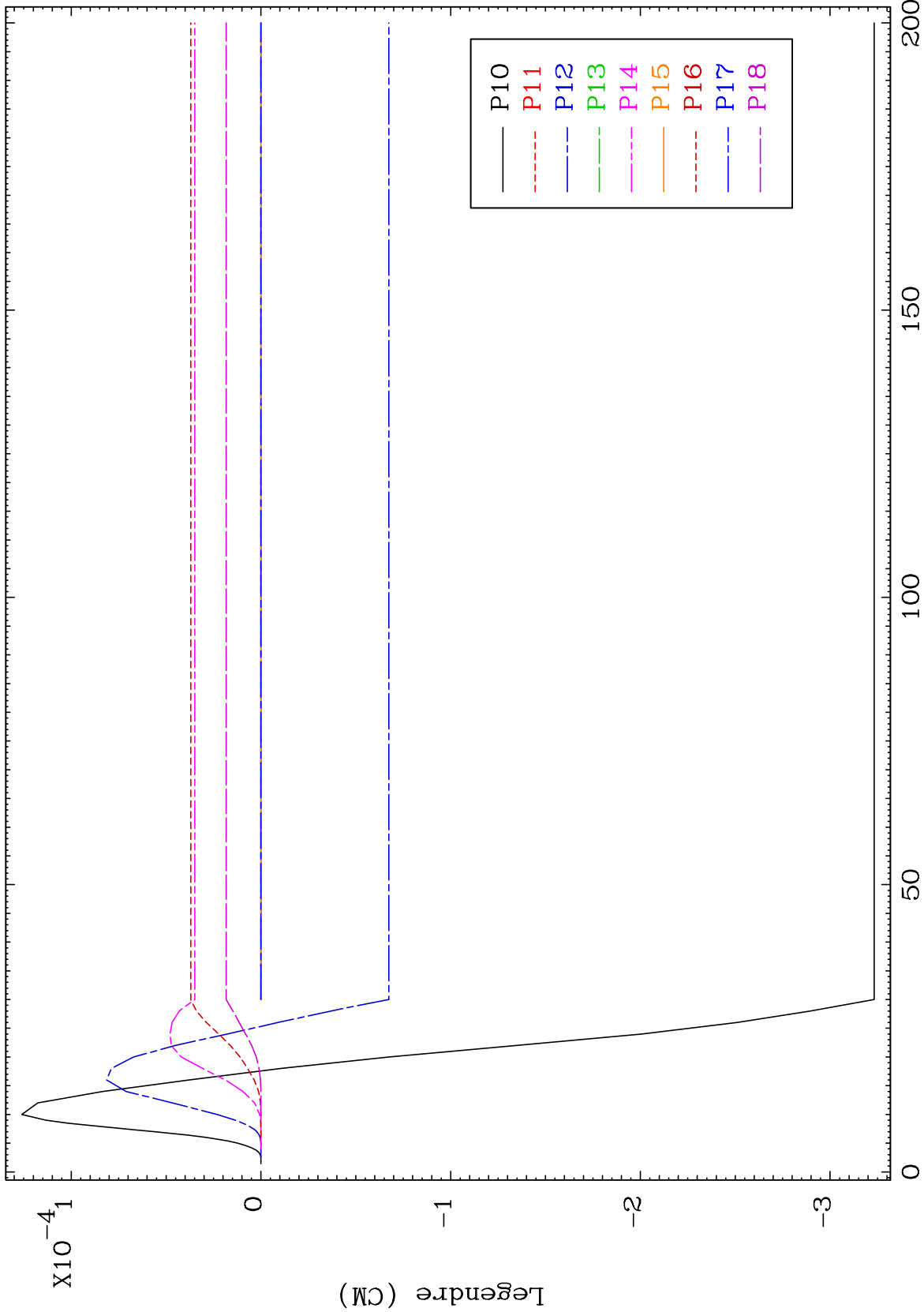




MAT 8146

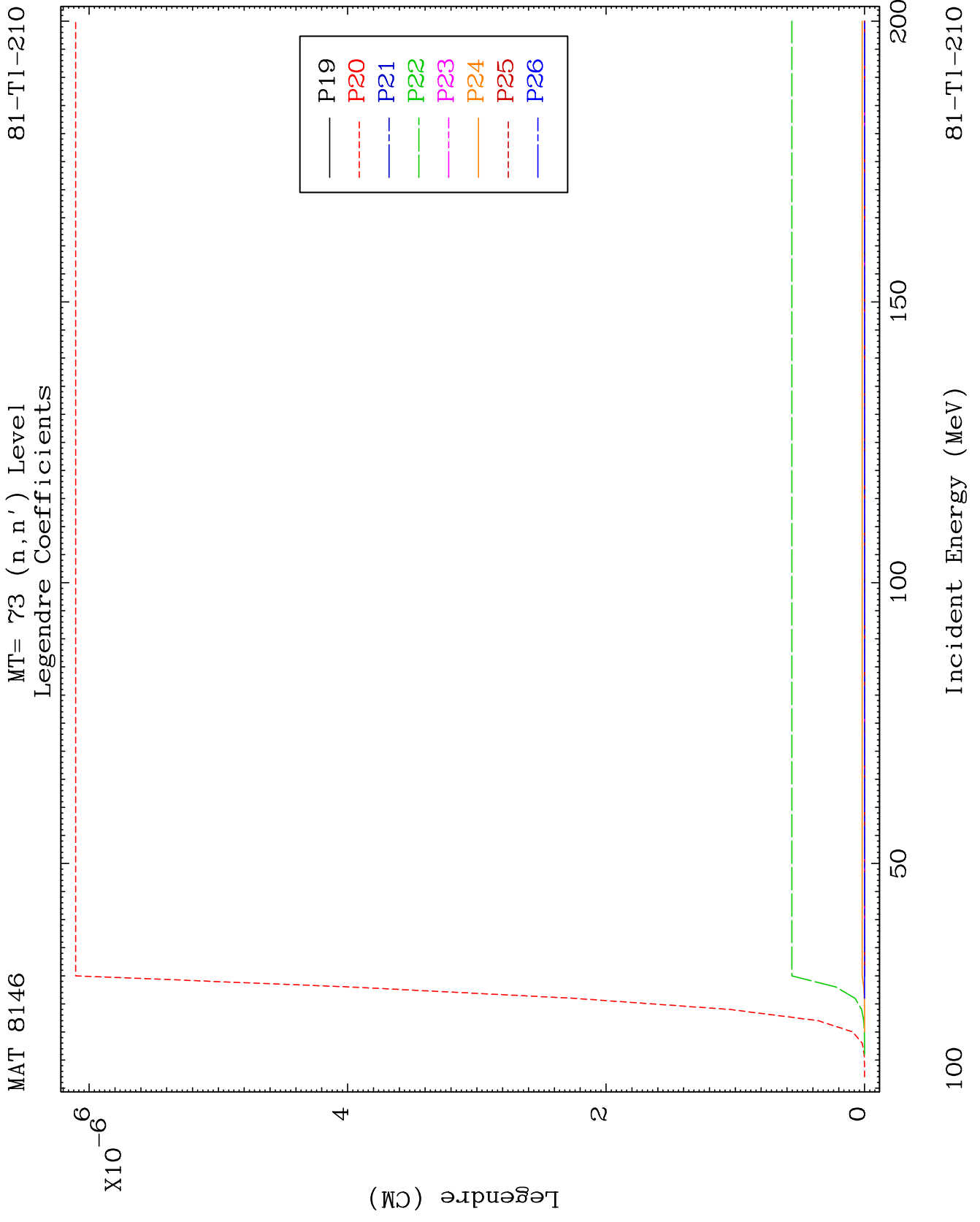
MT= 73 (n,n') Level  
Legendre Coefficients

81-Tl-210



99

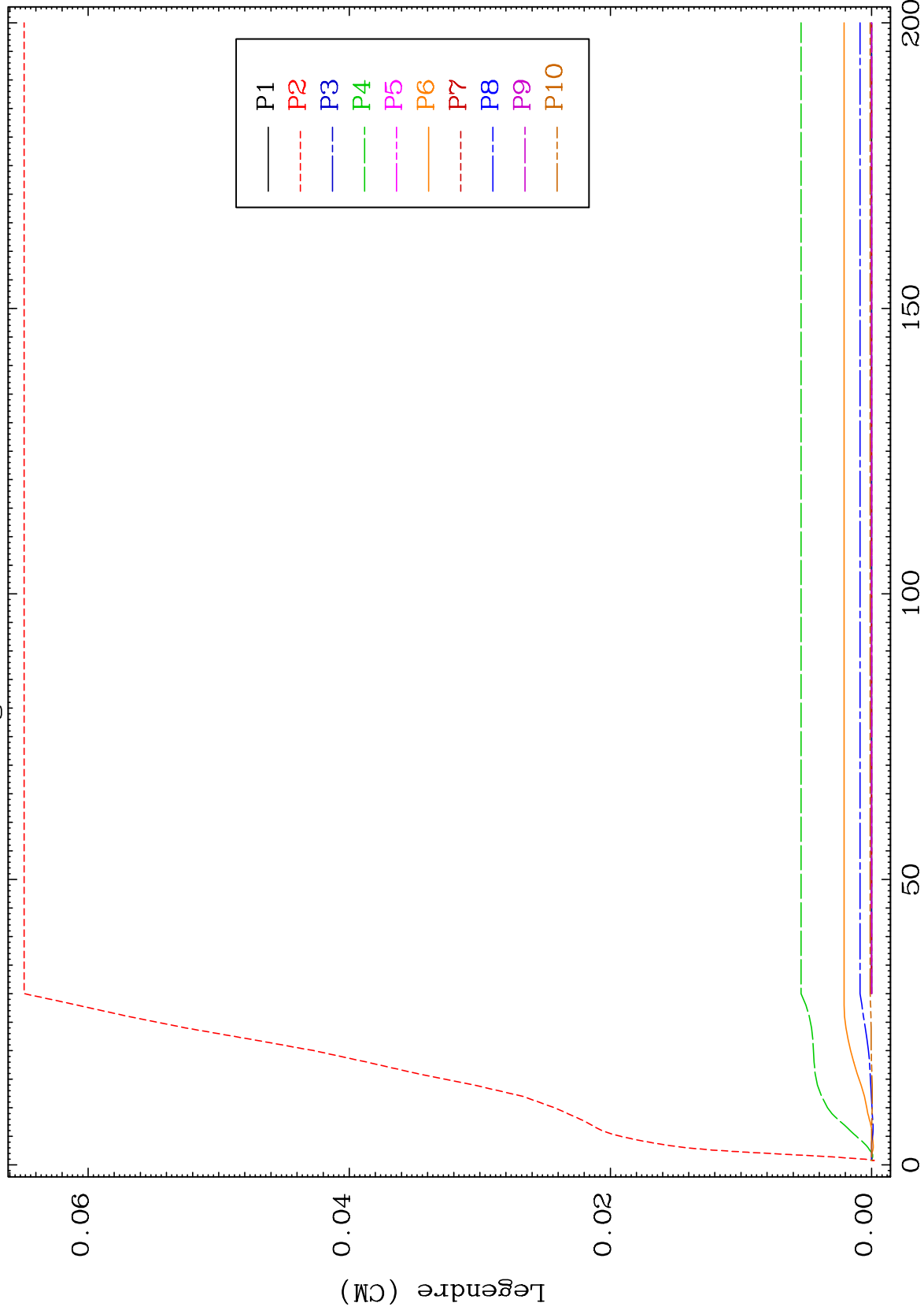
81-Tl-210



MAT 8146

MT= 74 (n,n') Level  
Legendre Coefficients

81-T1-210



101

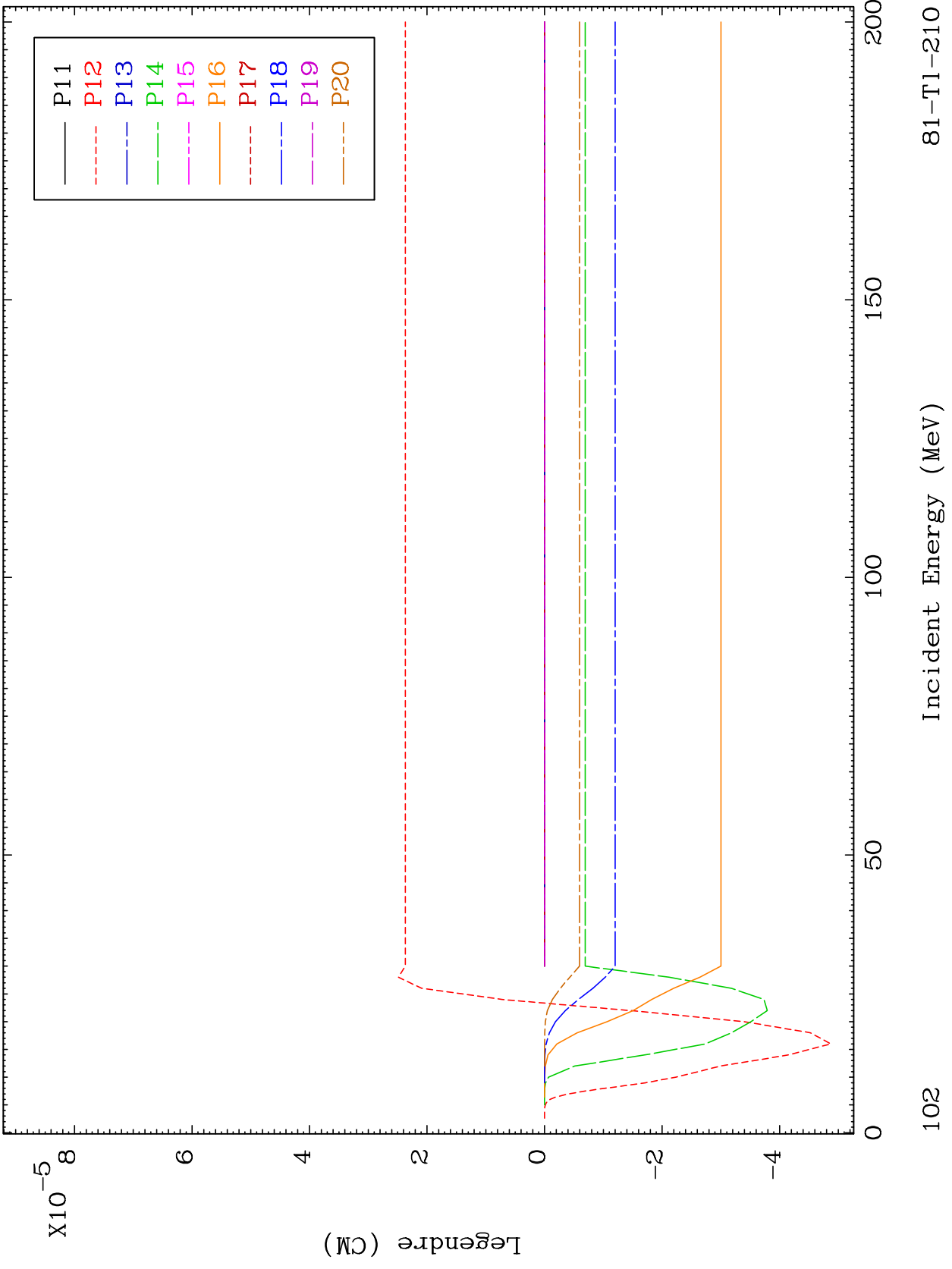
Incident Energy (MeV)

81-T1-210

MAT 8146

MT= 74 (n,n') Level  
Legendre Coefficients

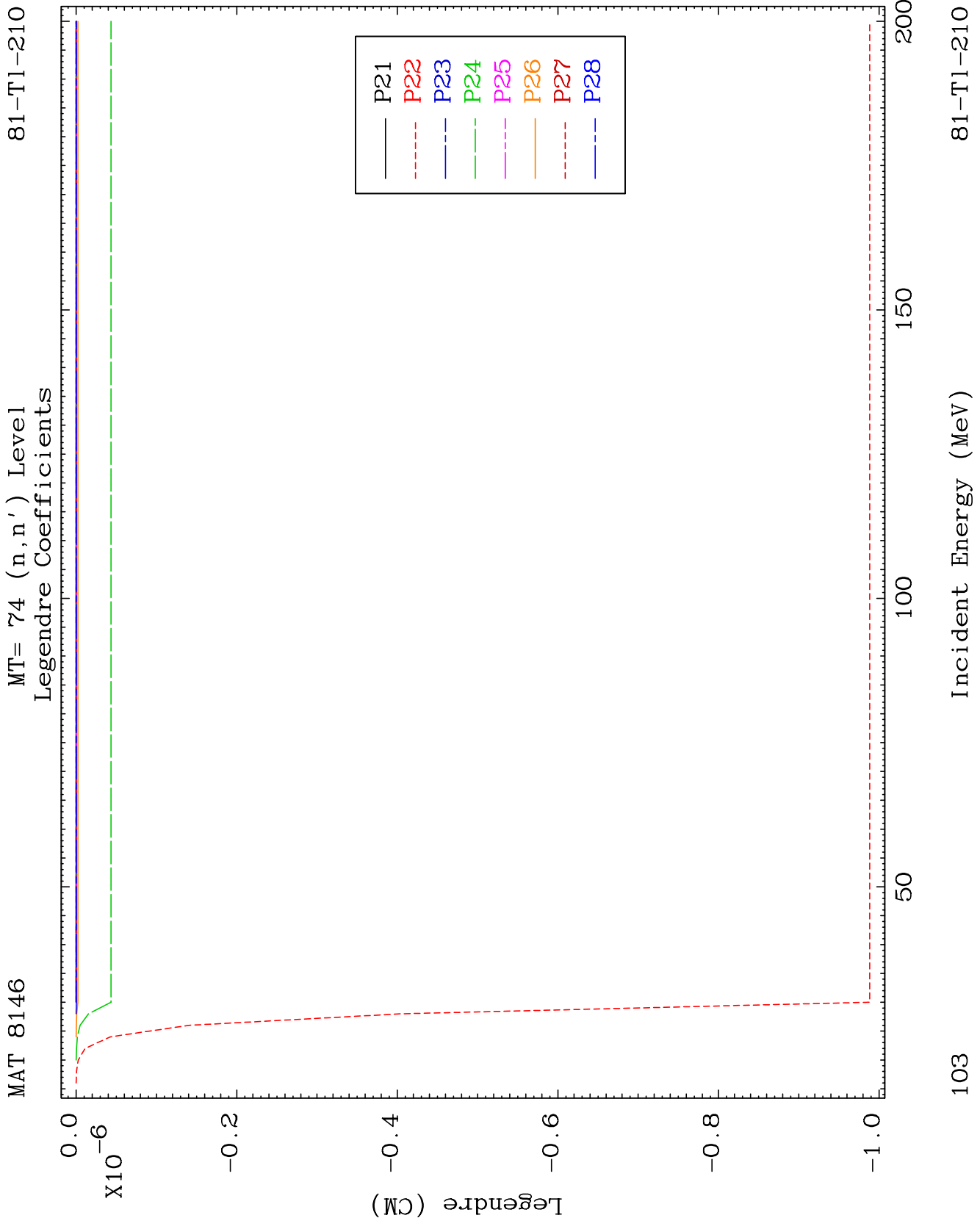
81-Tl-210



81-Tl-210

Incident Energy (MeV)

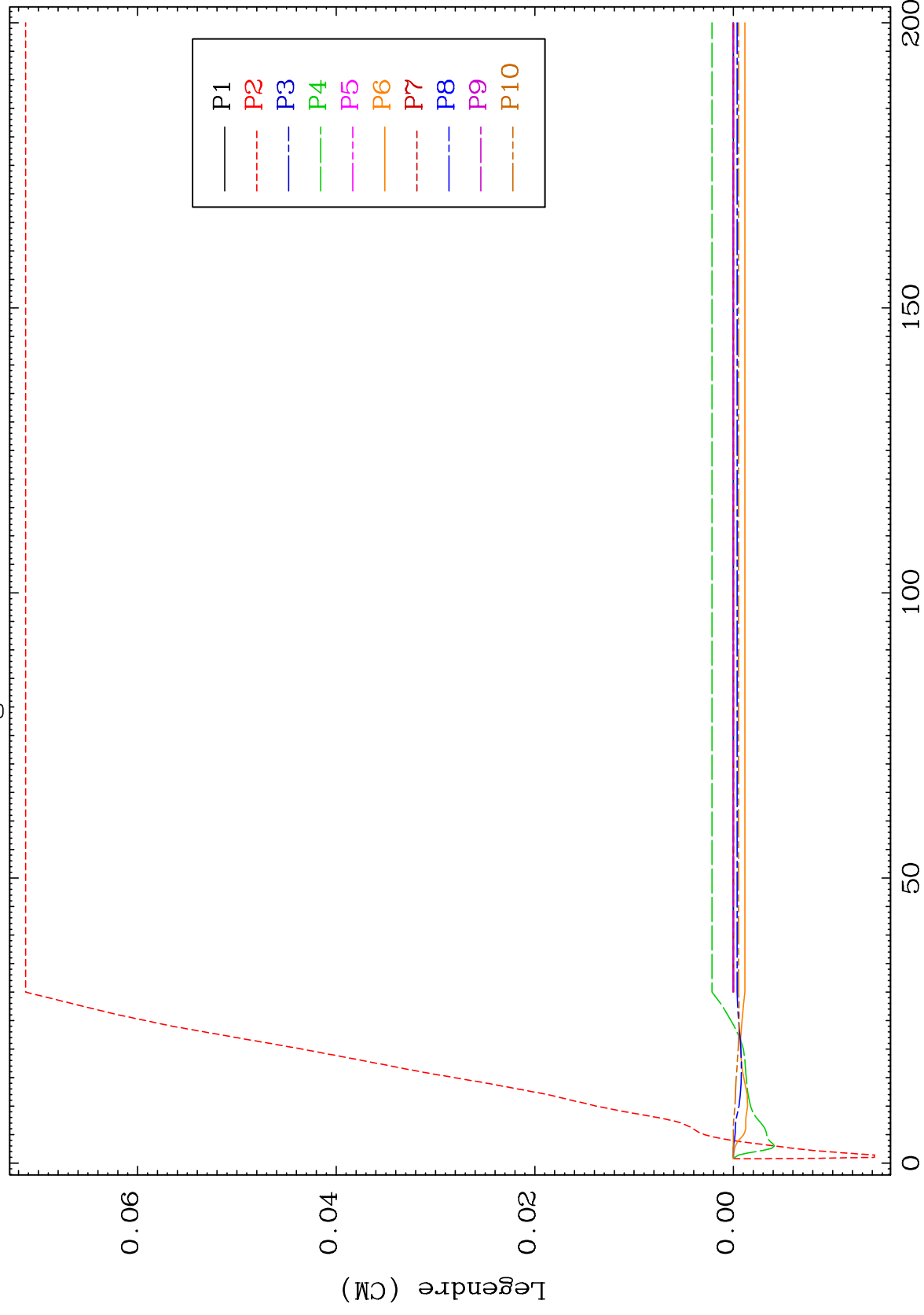
102



MAT 8146

MT= 75 (n,n') Level  
Legendre Coefficients

81-Tl-210



81-Tl-210

Incident Energy (MeV)

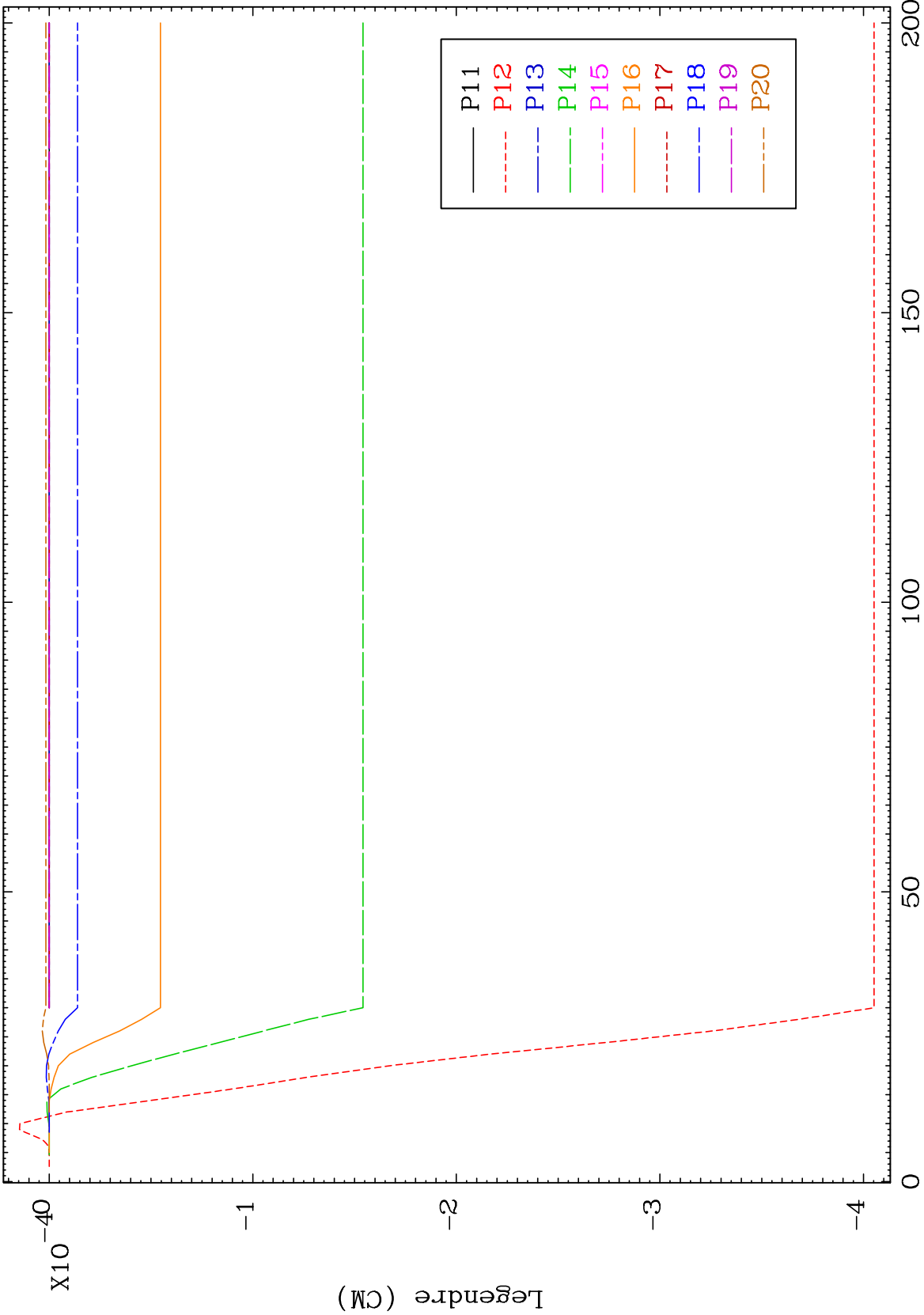
104

MAT 8146

MT= 75 (n,n') Level

81-Tl-210

Legendre Coefficients



0

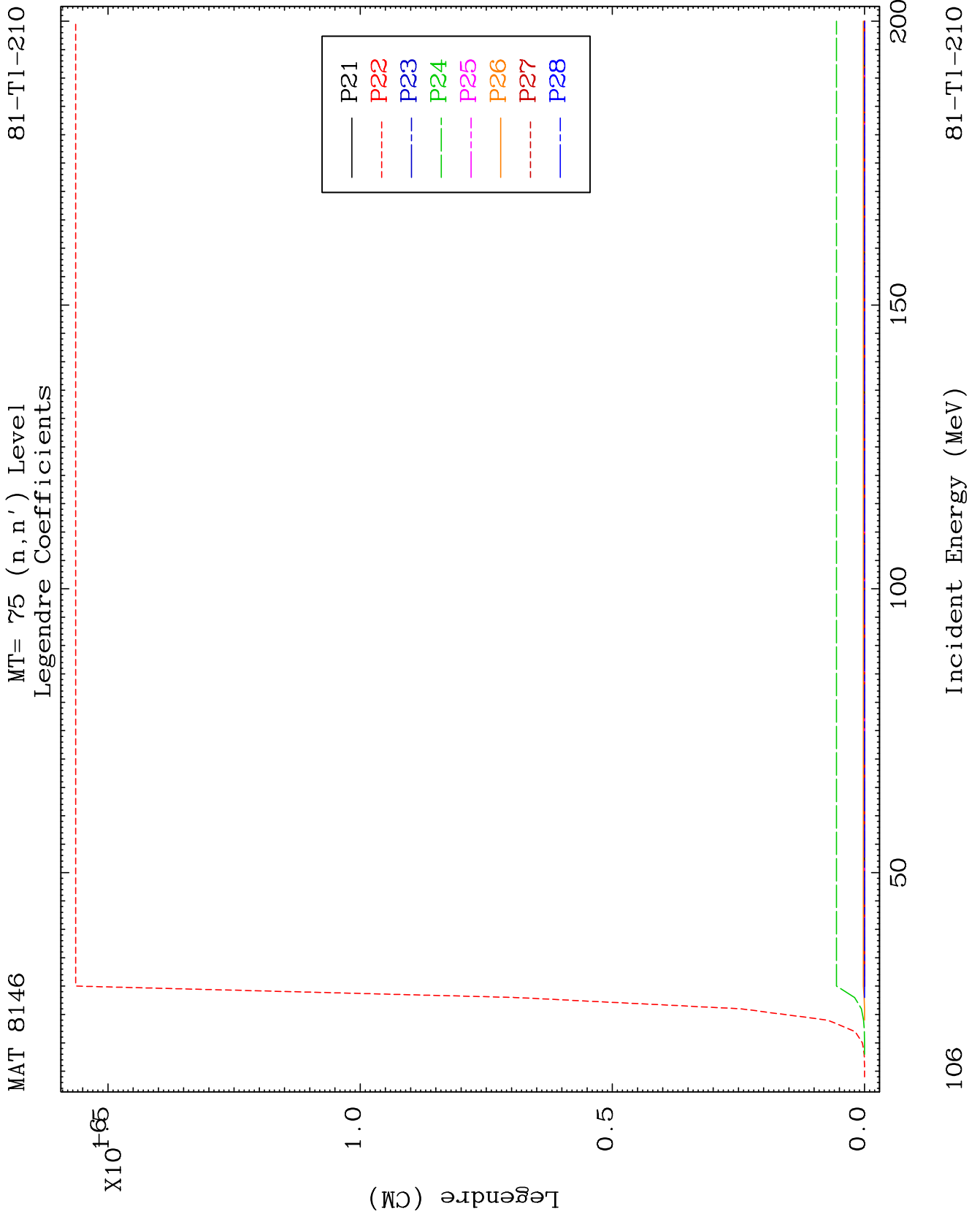
50

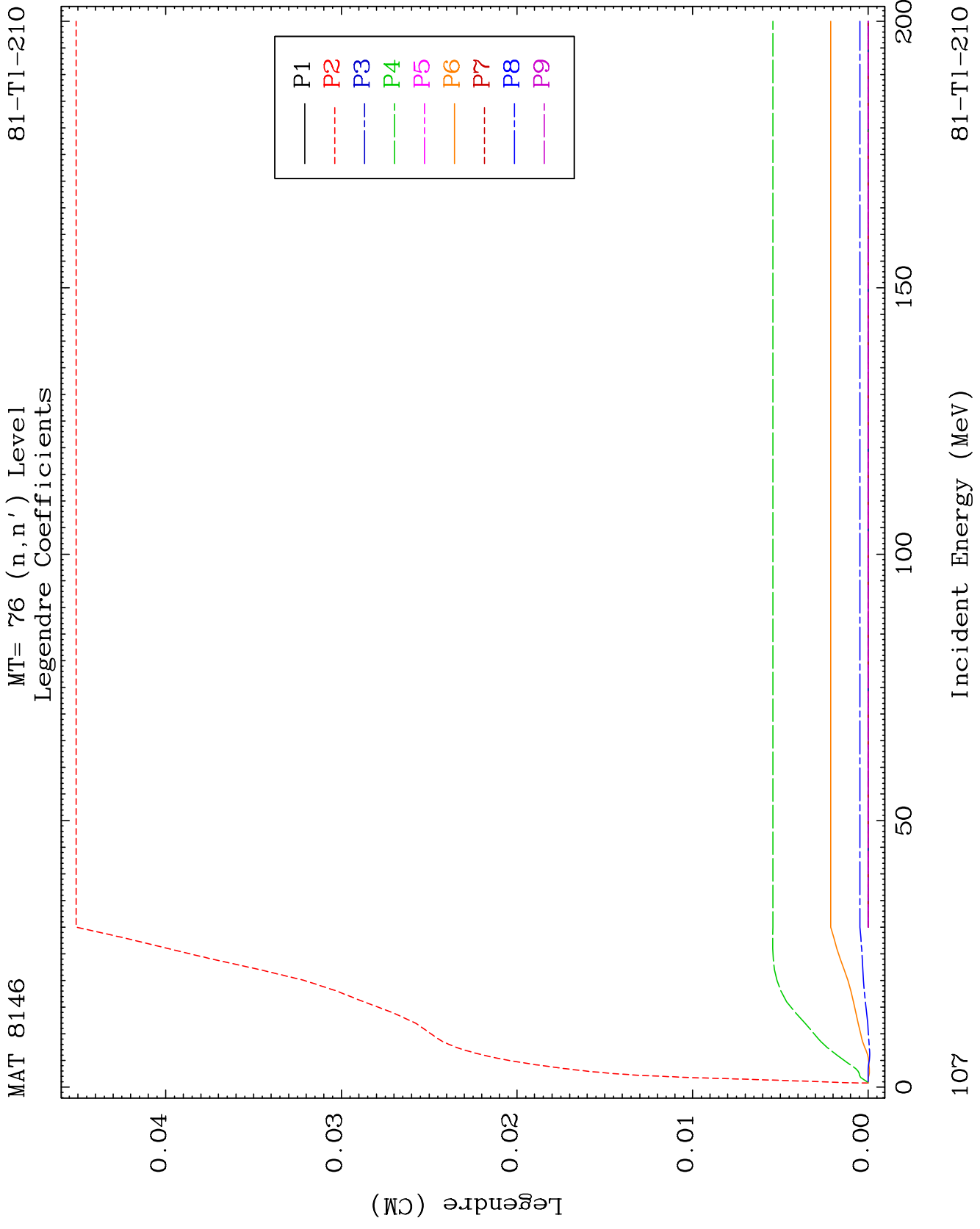
100

150

200

81-Tl-210

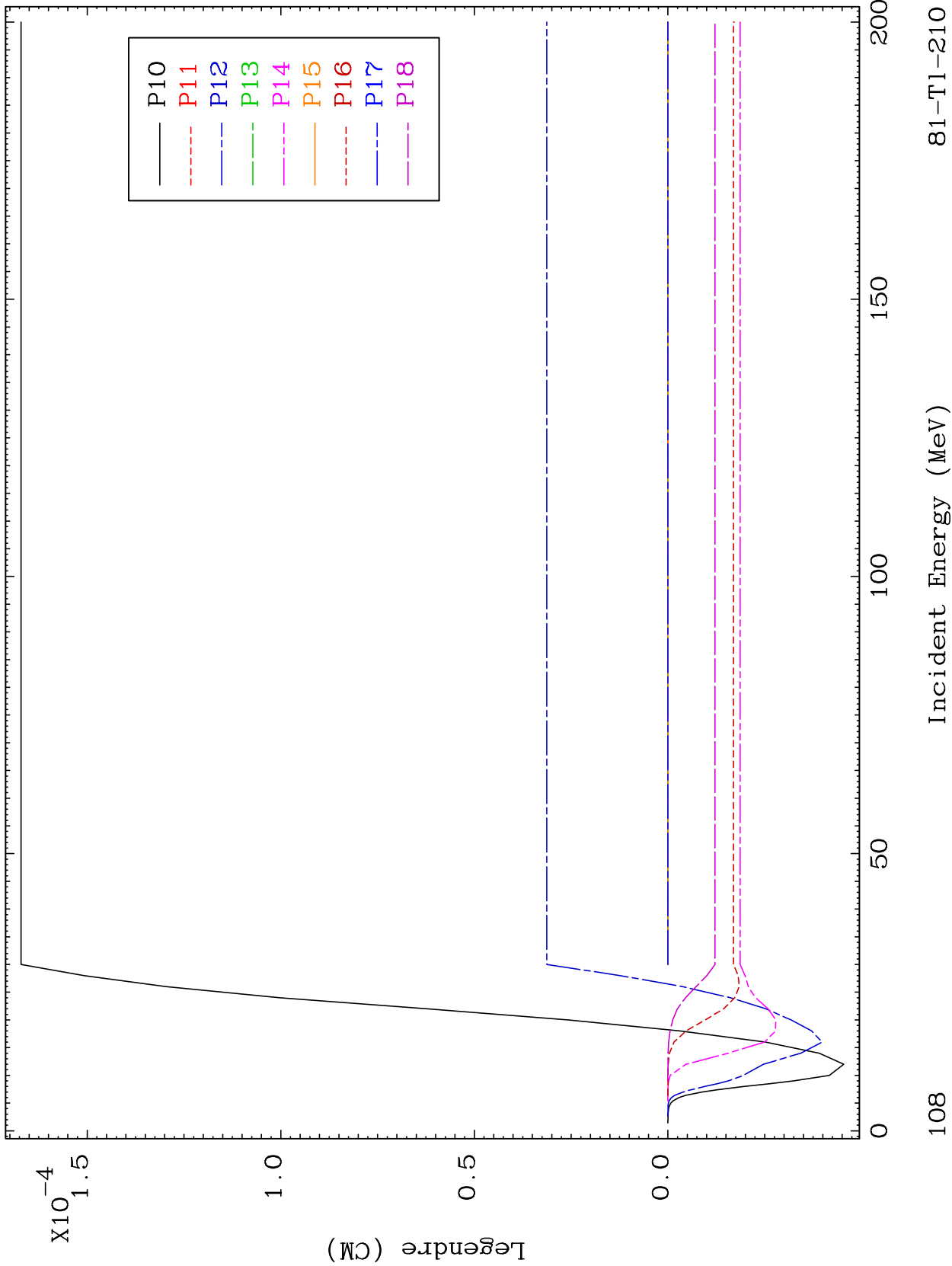




MAT 8146

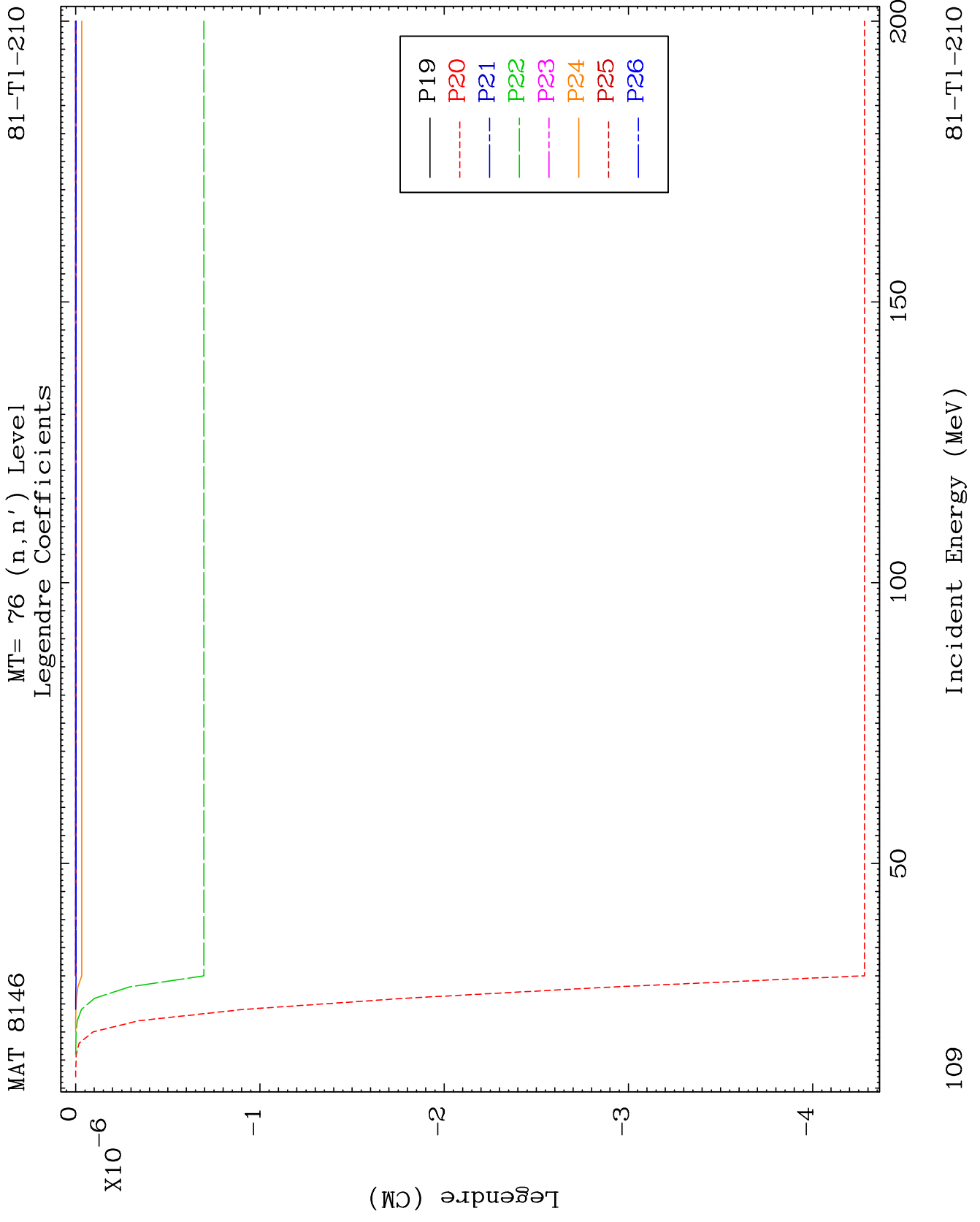
MT= 76 (n,n') Level  
Legendre Coefficients

81-Tl-210



108

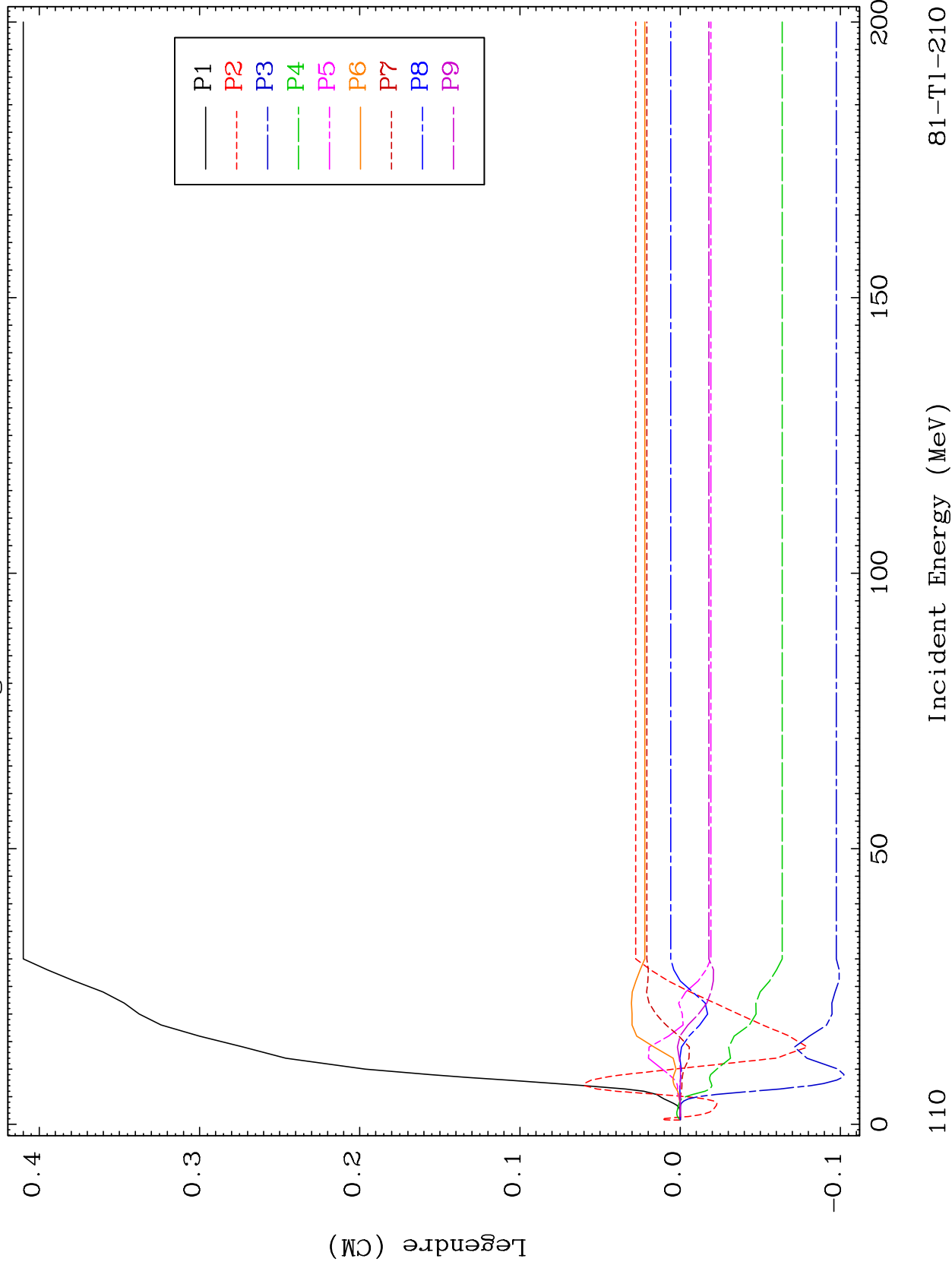
81-Tl-210



MAT 8146

MT= 77 (n,n') Level  
Legendre Coefficients

81-T1-210



81-T1-210

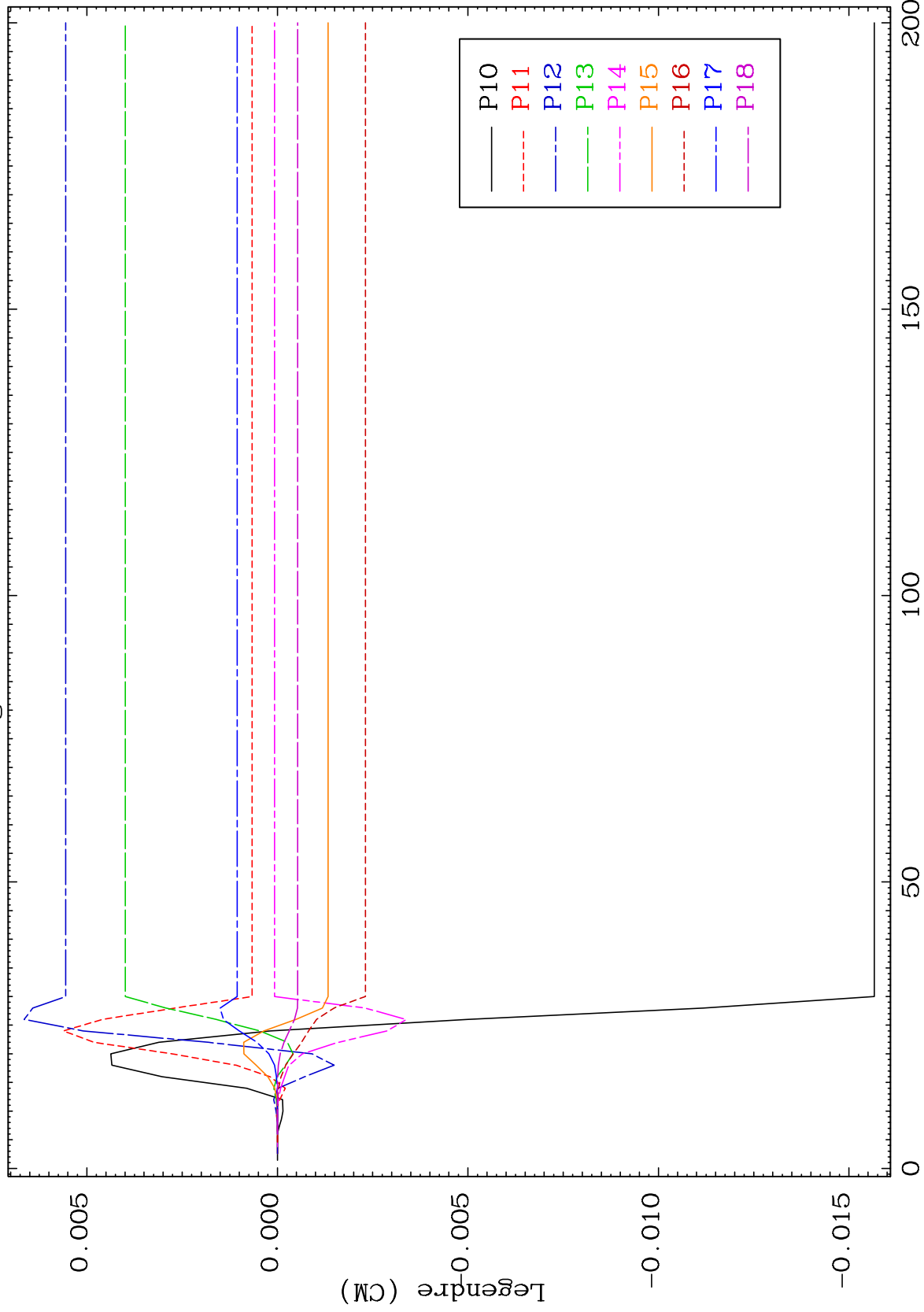
Incident Energy (MeV)

110

MAT 8146

MT= 77 (n,n') Level  
Legendre Coefficients

81-T1-210



111

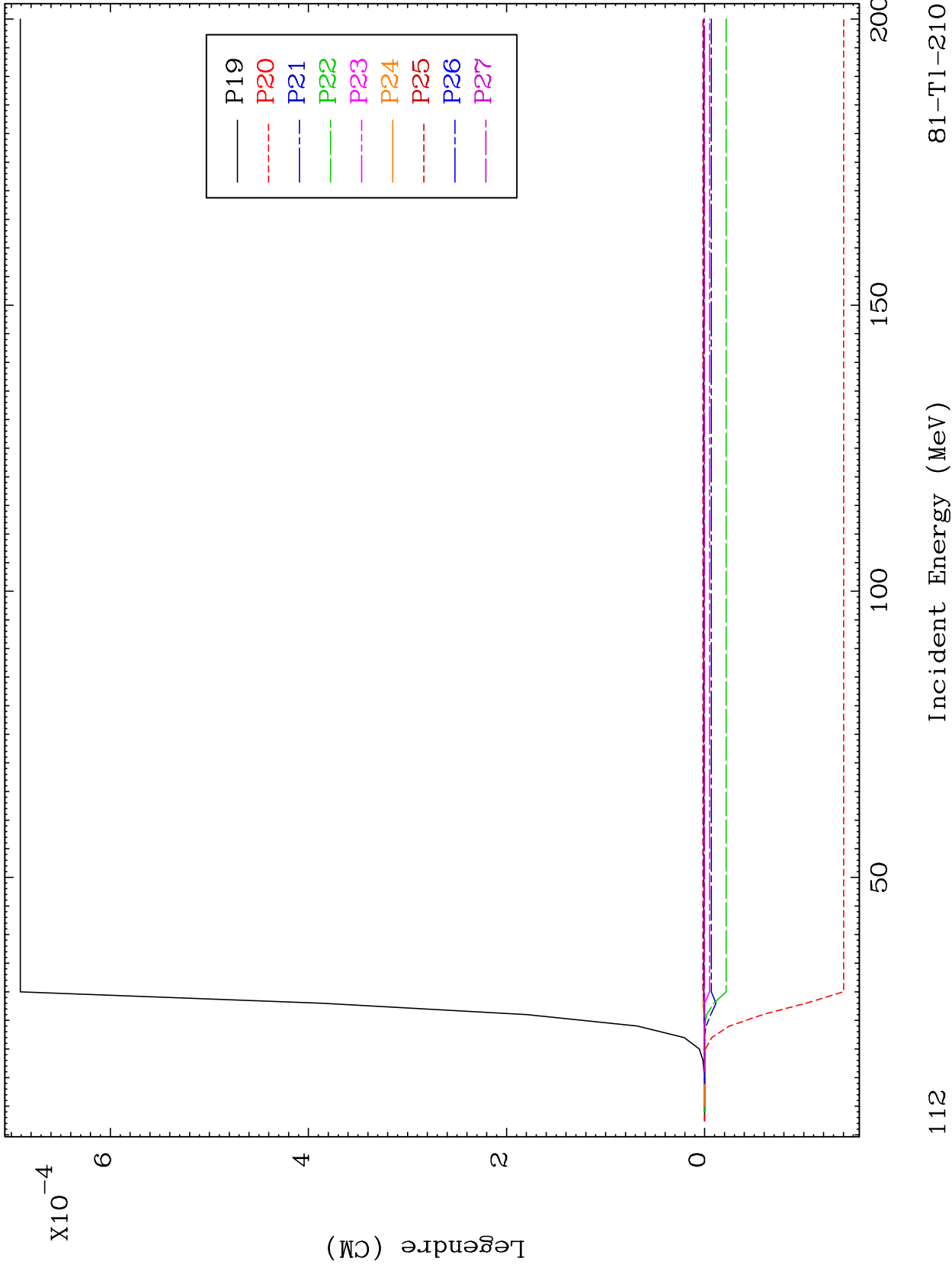
Incident Energy (MeV)

81-T1-210

MAT 8146

MT= 77 (n,n') Level  
Legendre Coefficients

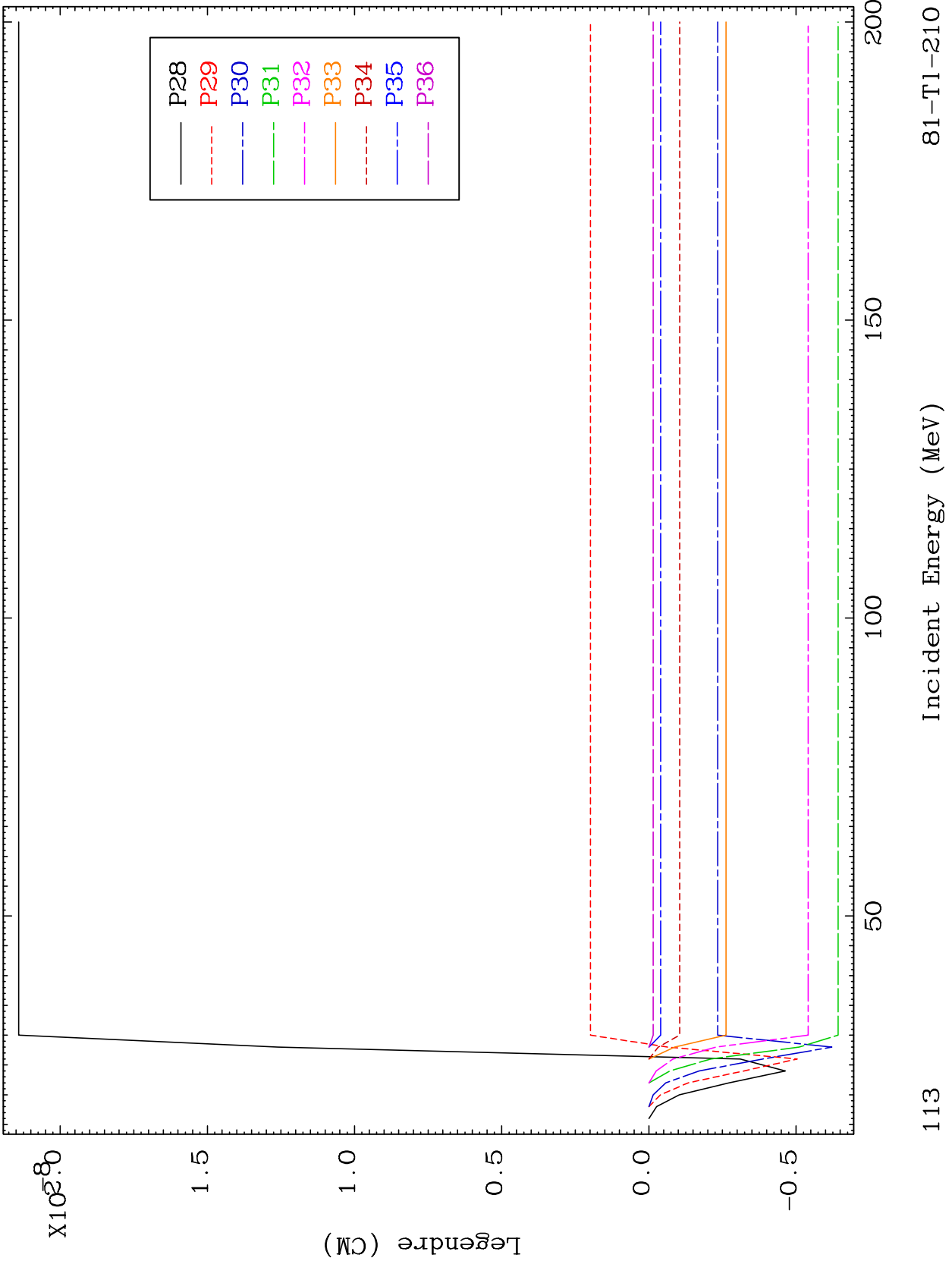
81-Tl-210



112

Incident Energy (MeV)

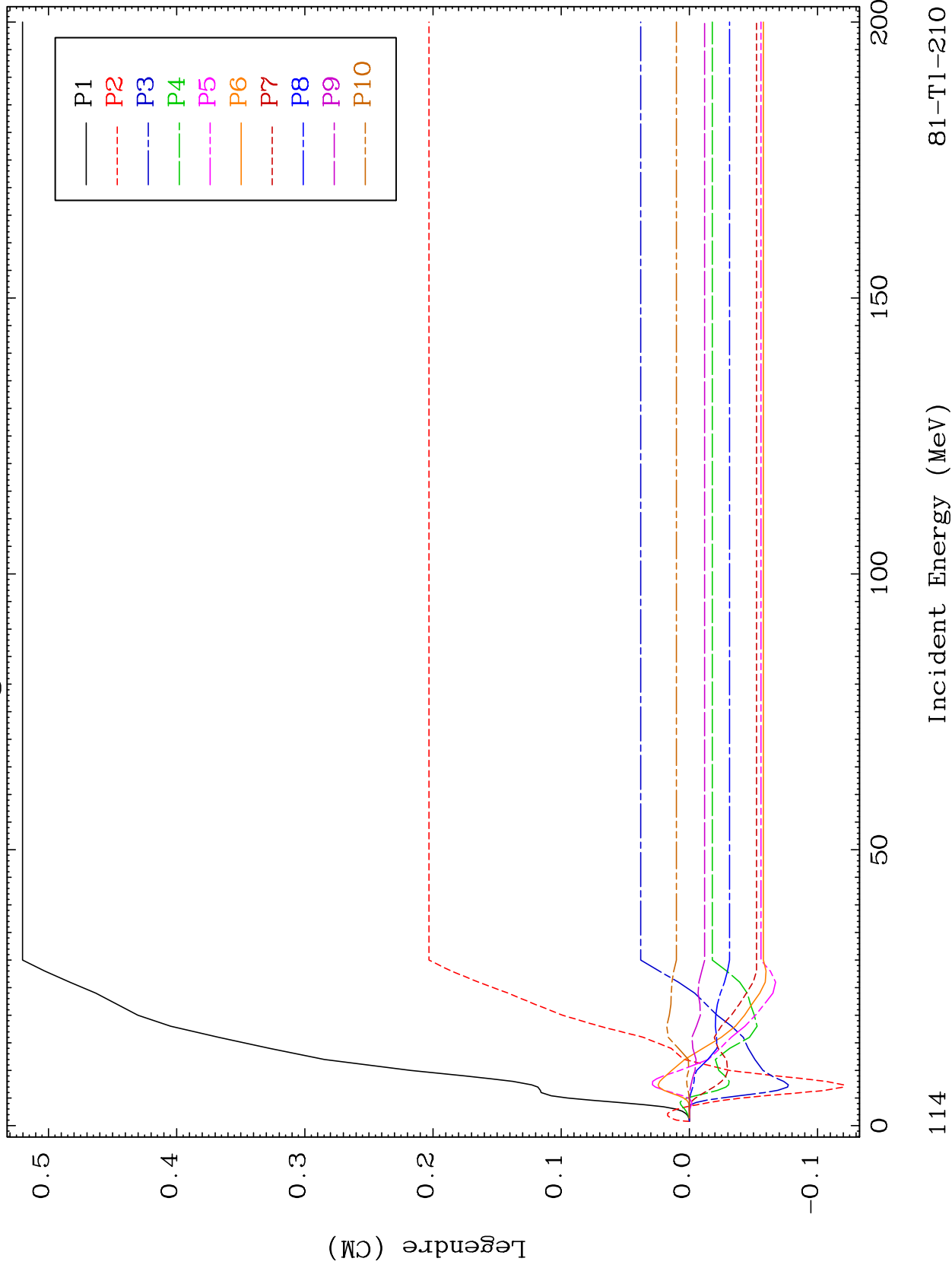
81-Tl-210



MAT 8146

MT= 78 (n,n') Level  
Legendre Coefficients

81-Tl-210



114

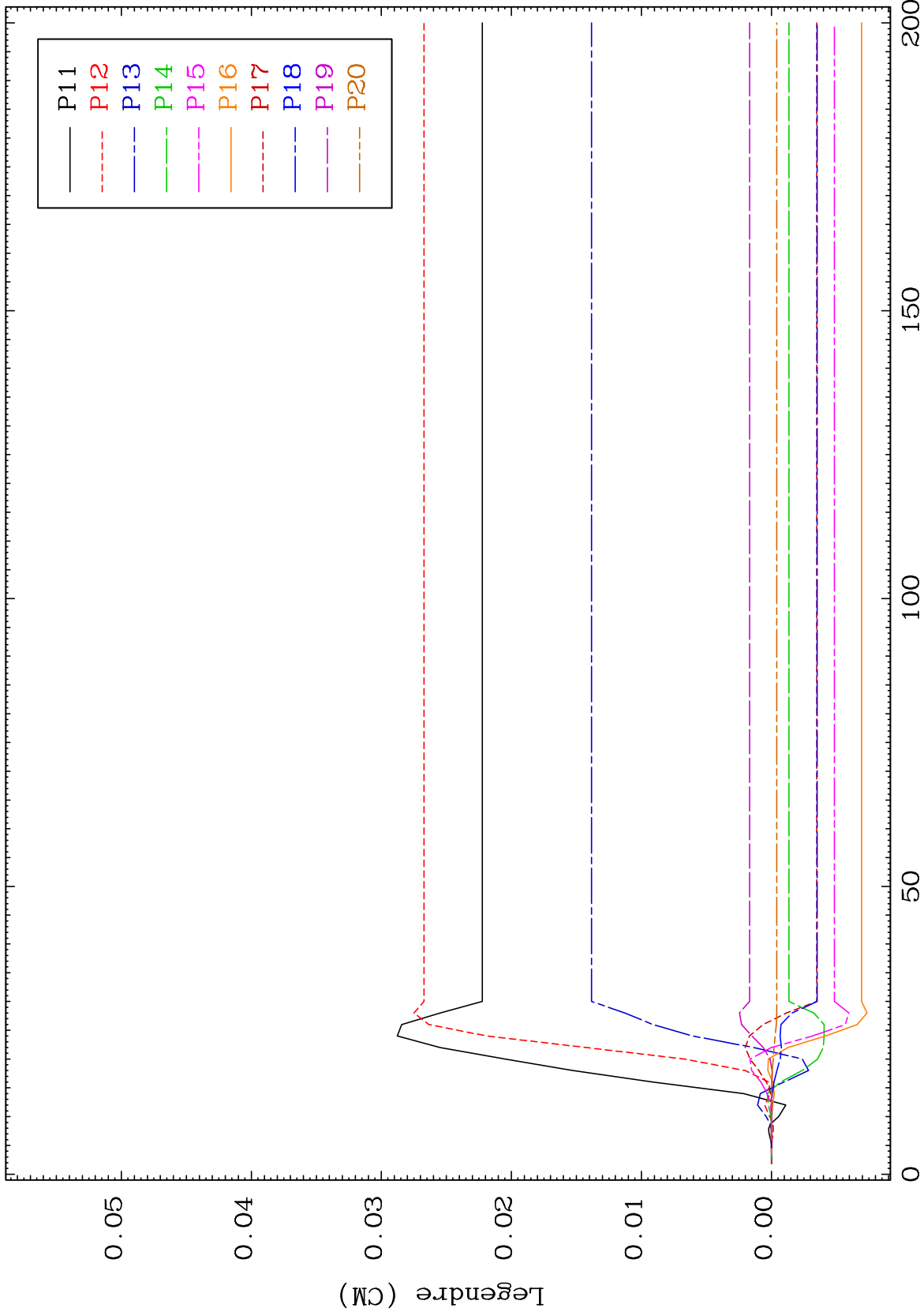
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 78 (n,n') Level  
Legendre Coefficients

81-Tl-210



115

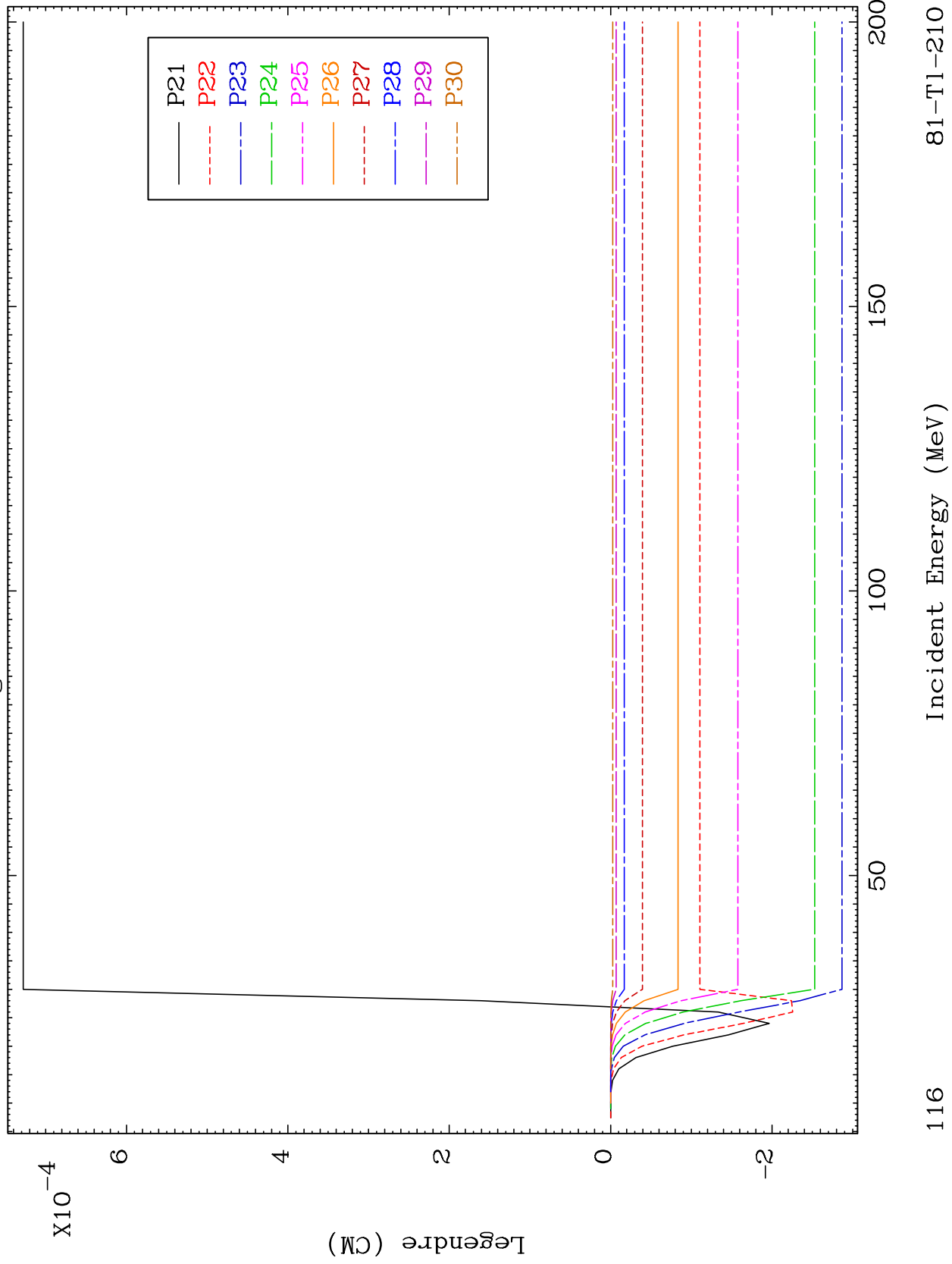
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 78 (n,n') Level  
Legendre Coefficients

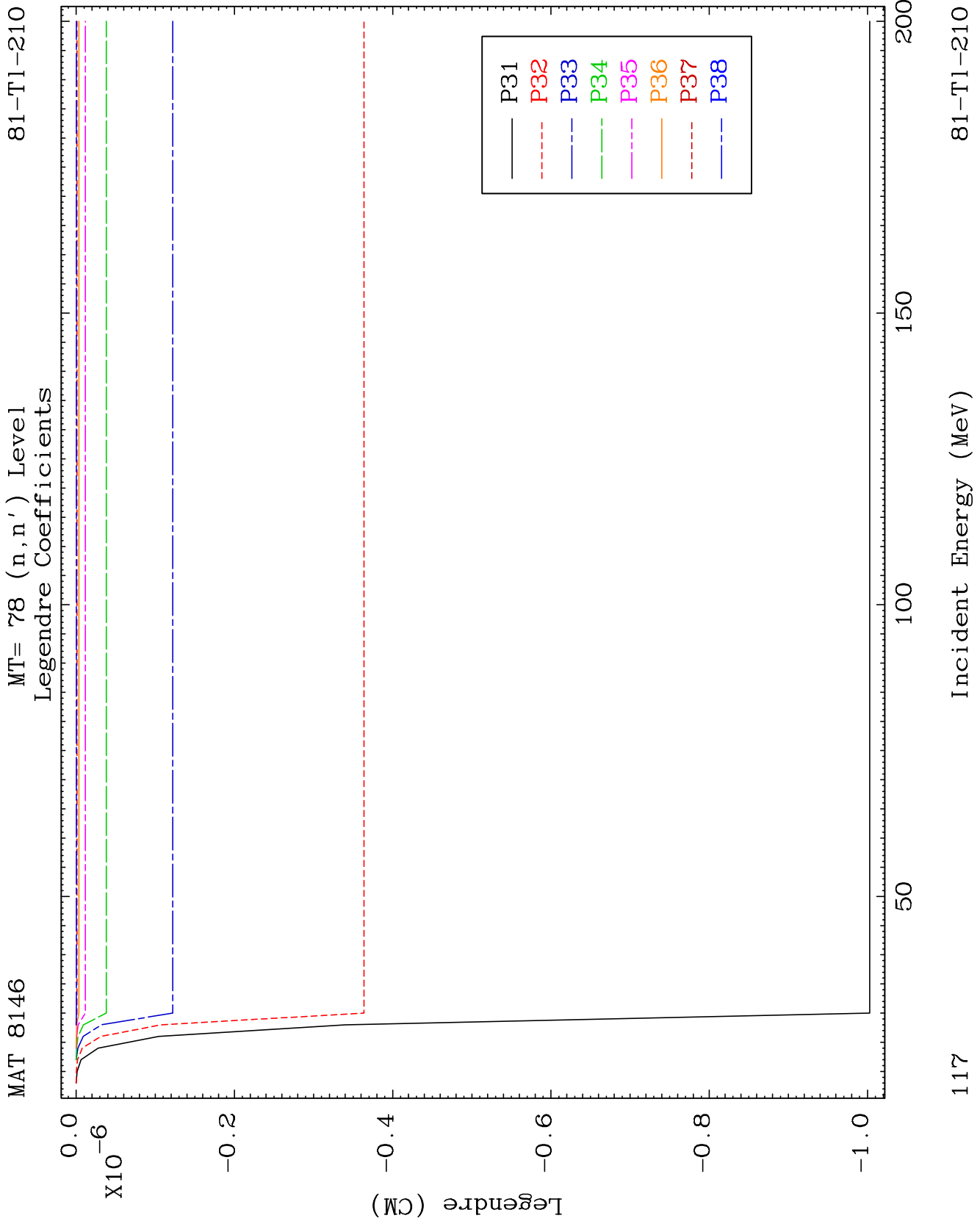
81-Tl-210

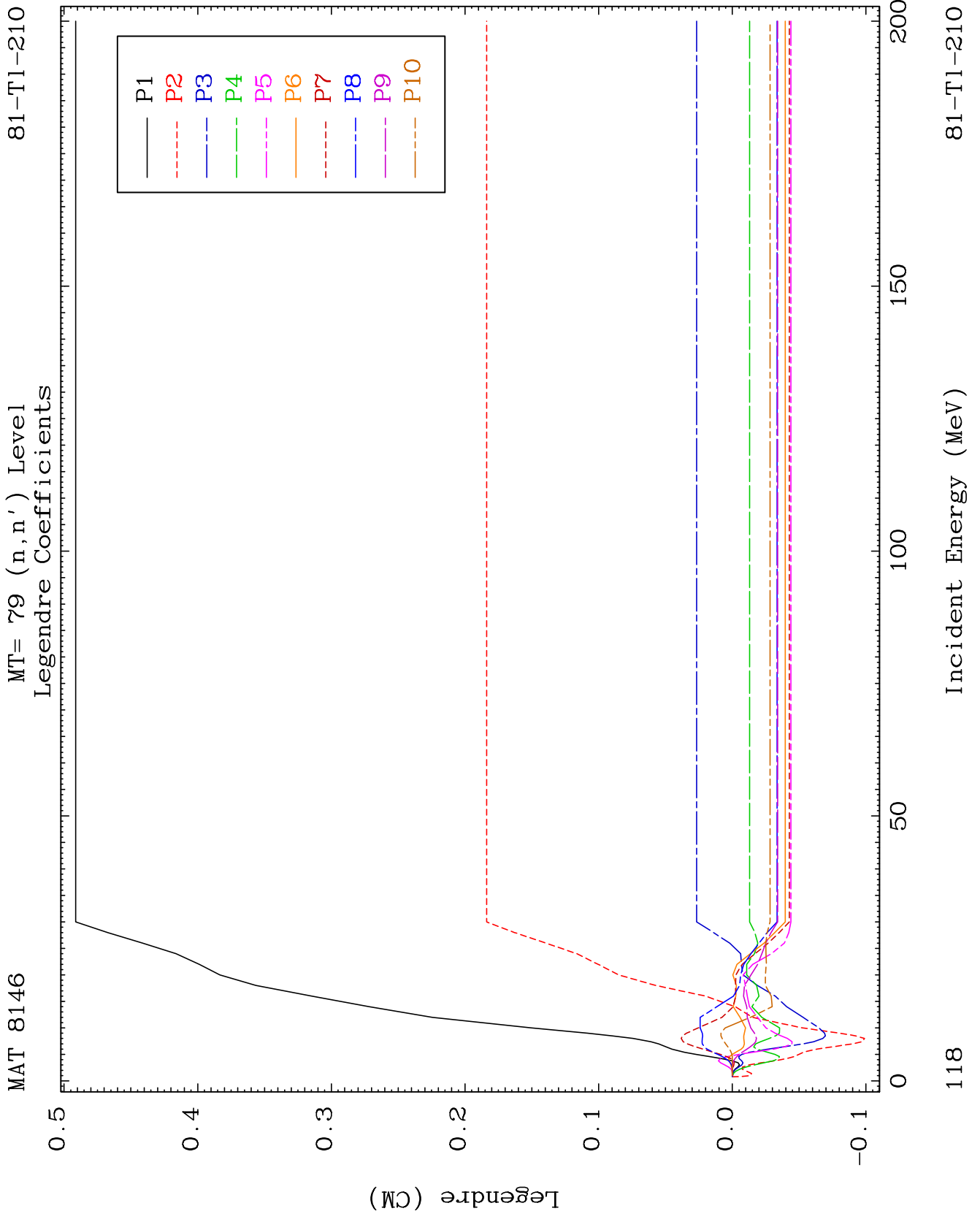


116

Incident Energy (MeV)

81-Tl-210

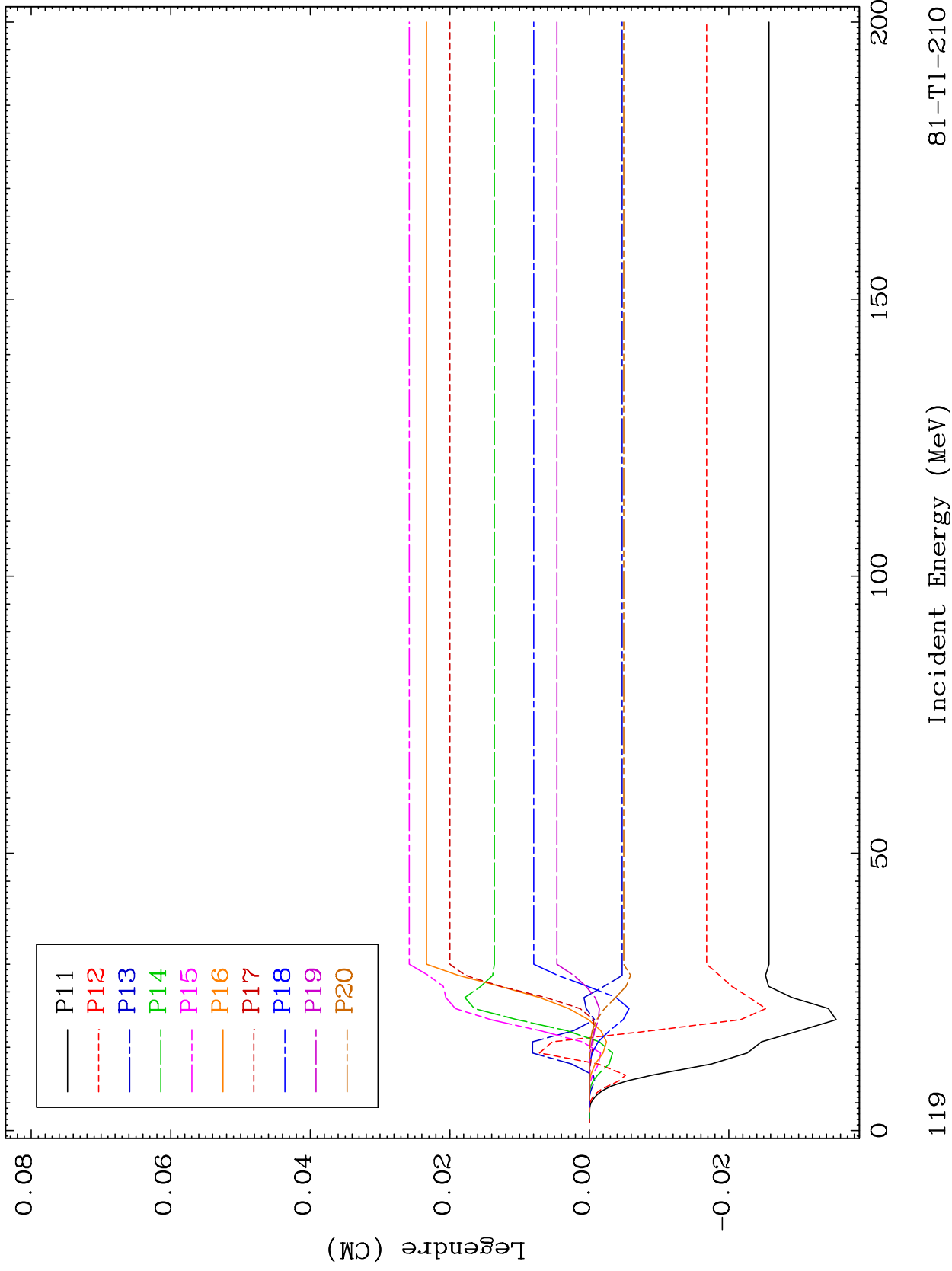




MAT 8146

MT= 79 (n,n') Level  
Legendre Coefficients

81-T1-210



119

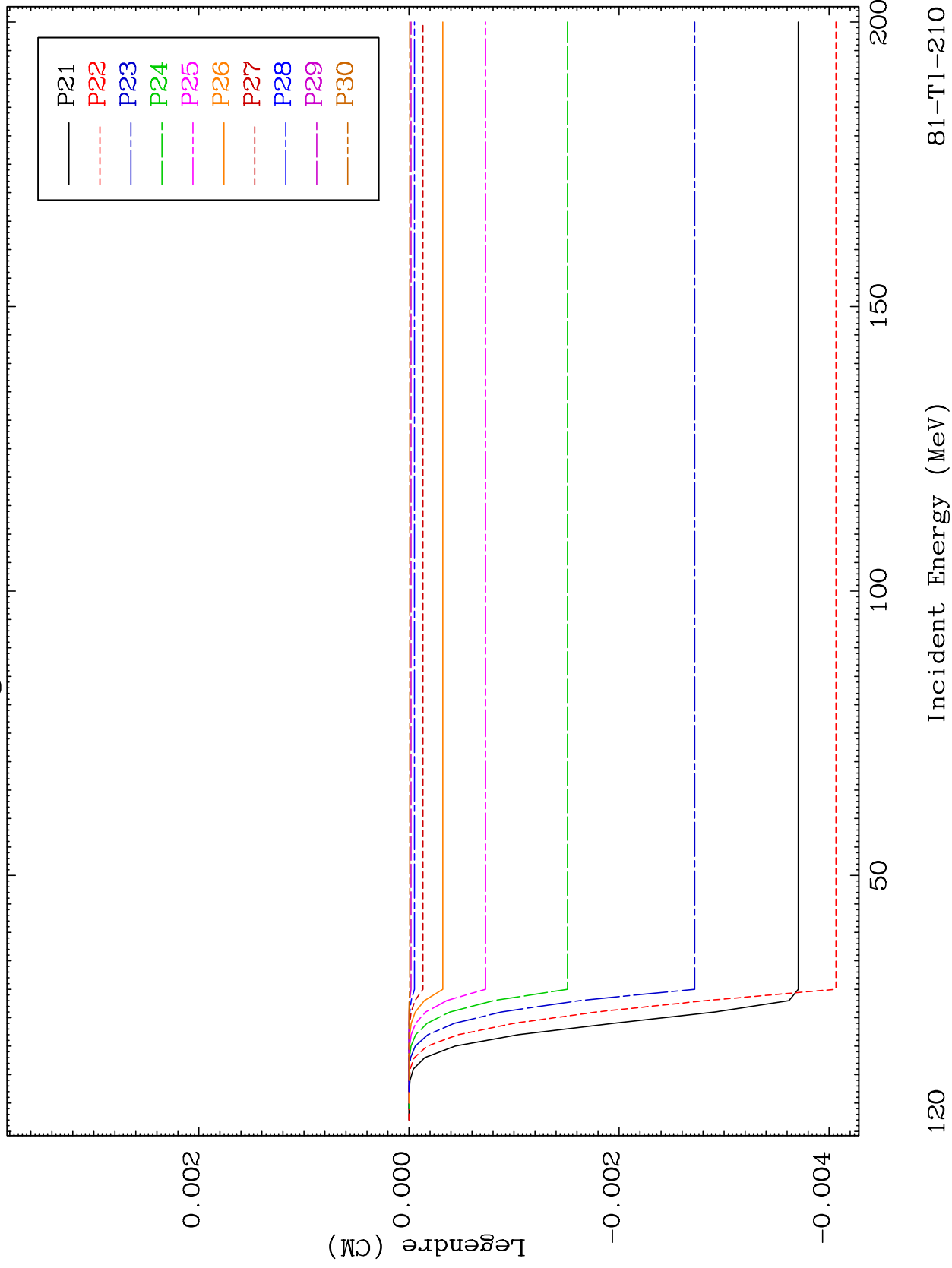
Incident Energy (MeV)

81-T1-210

MAT 8146

MT= 79 (n,n') Level  
Legendre Coefficients

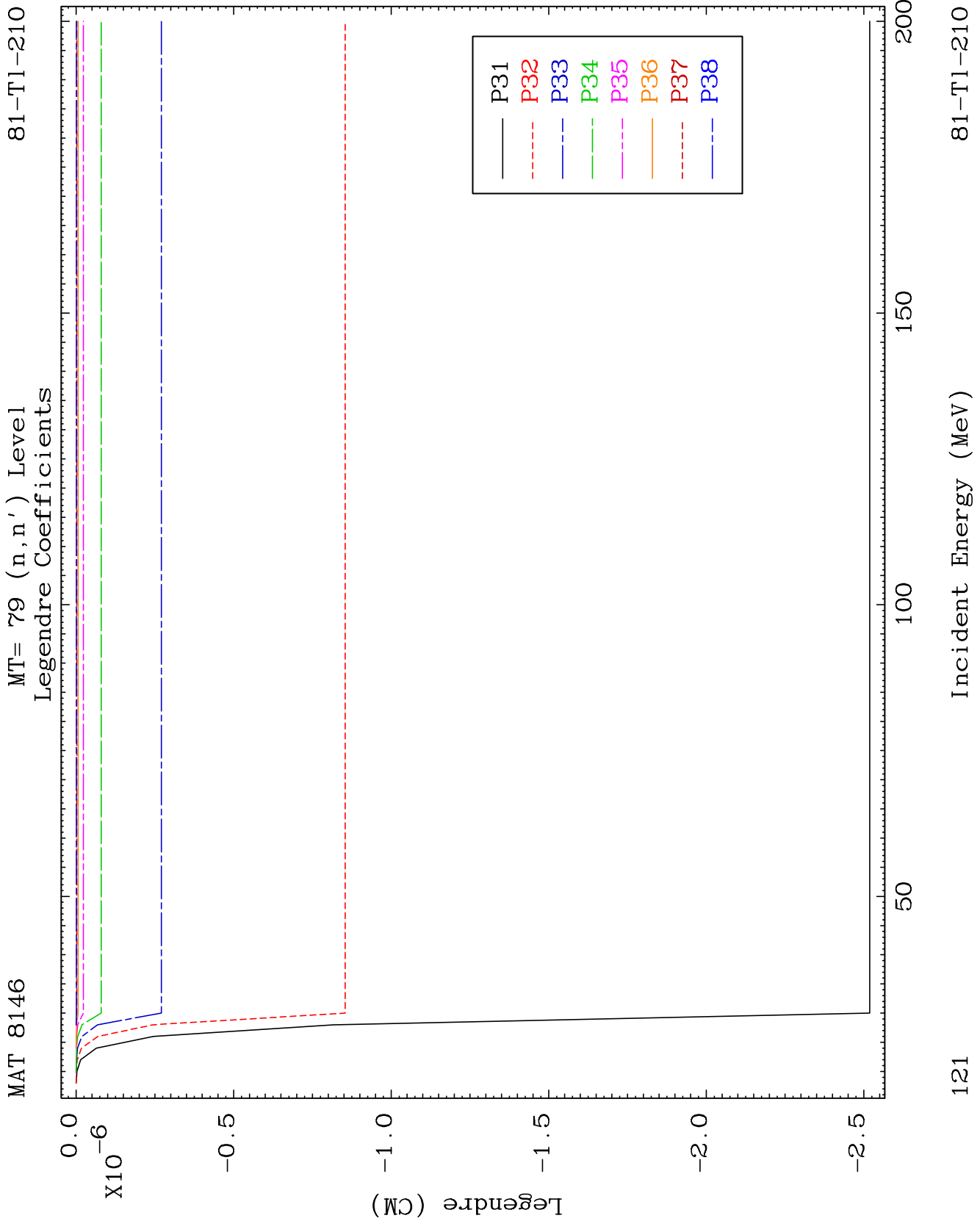
81-Tl-210



81-Tl-210

Incident Energy (MeV)

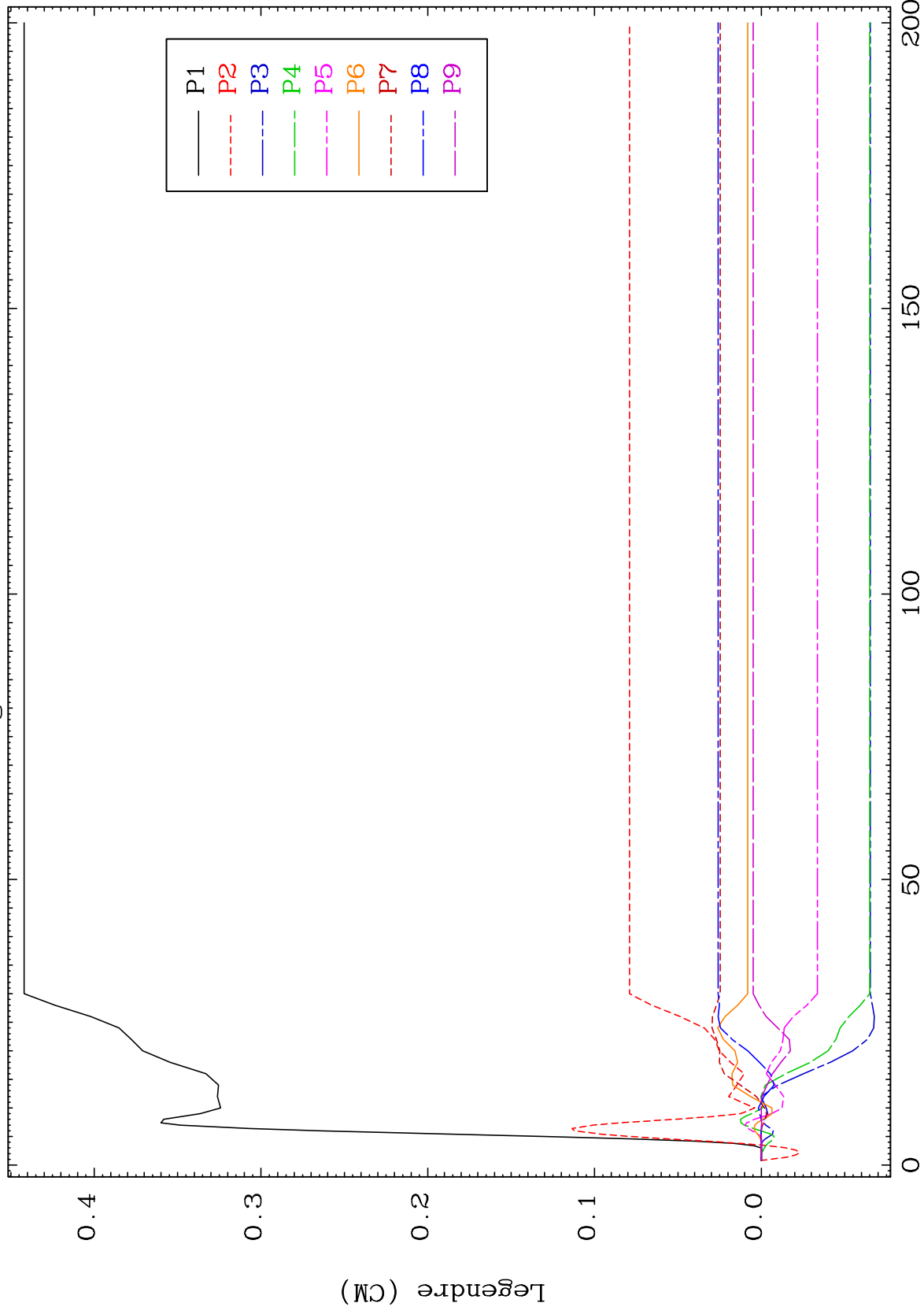
120



MAT 8146

MT= 80 (n,n') Level  
Legendre Coefficients

81-Tl-210



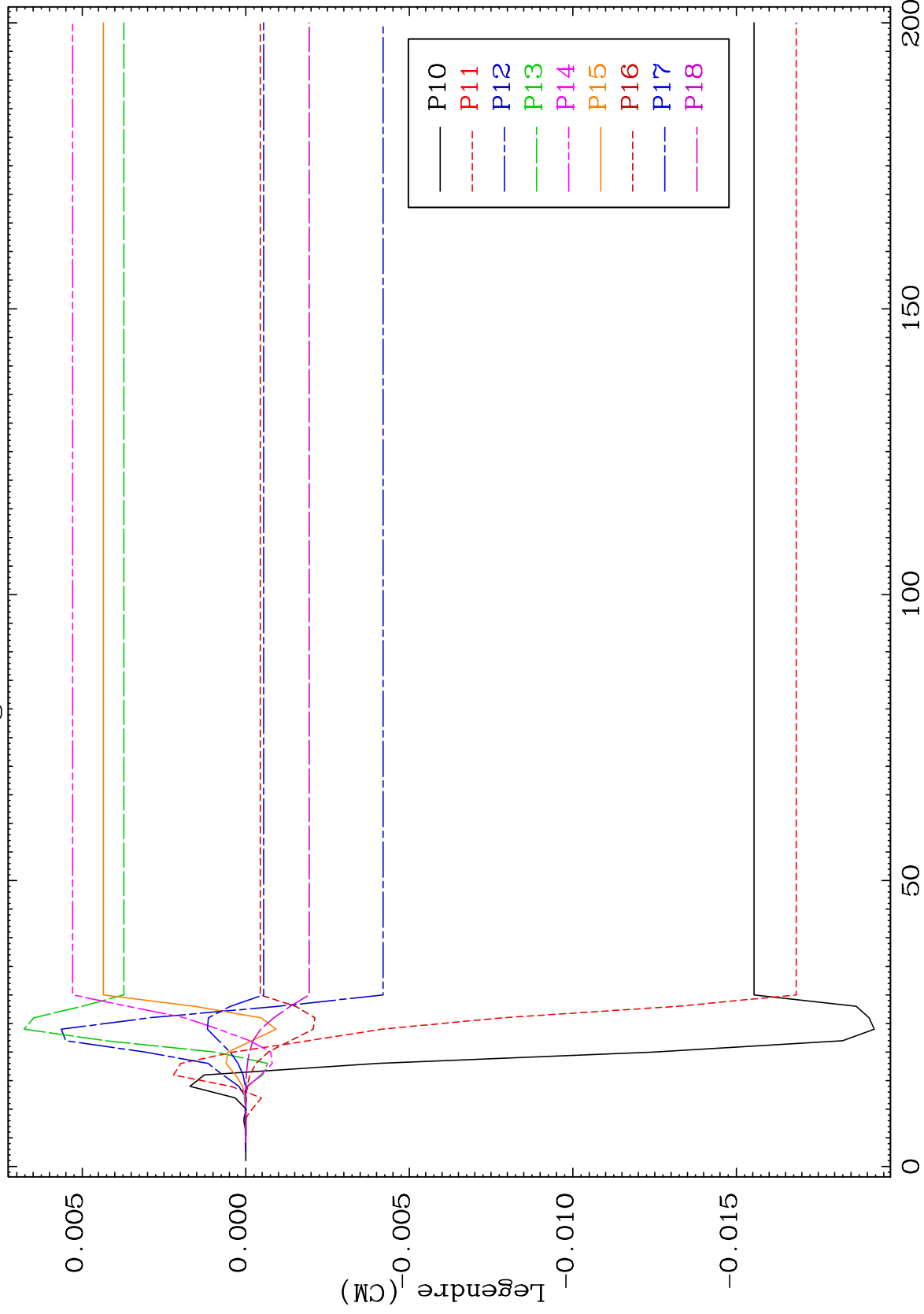
122

81-Tl-210

MAT 8146

MT= 80 (n,n') Level  
Legendre Coefficients

81-Tl-210



123

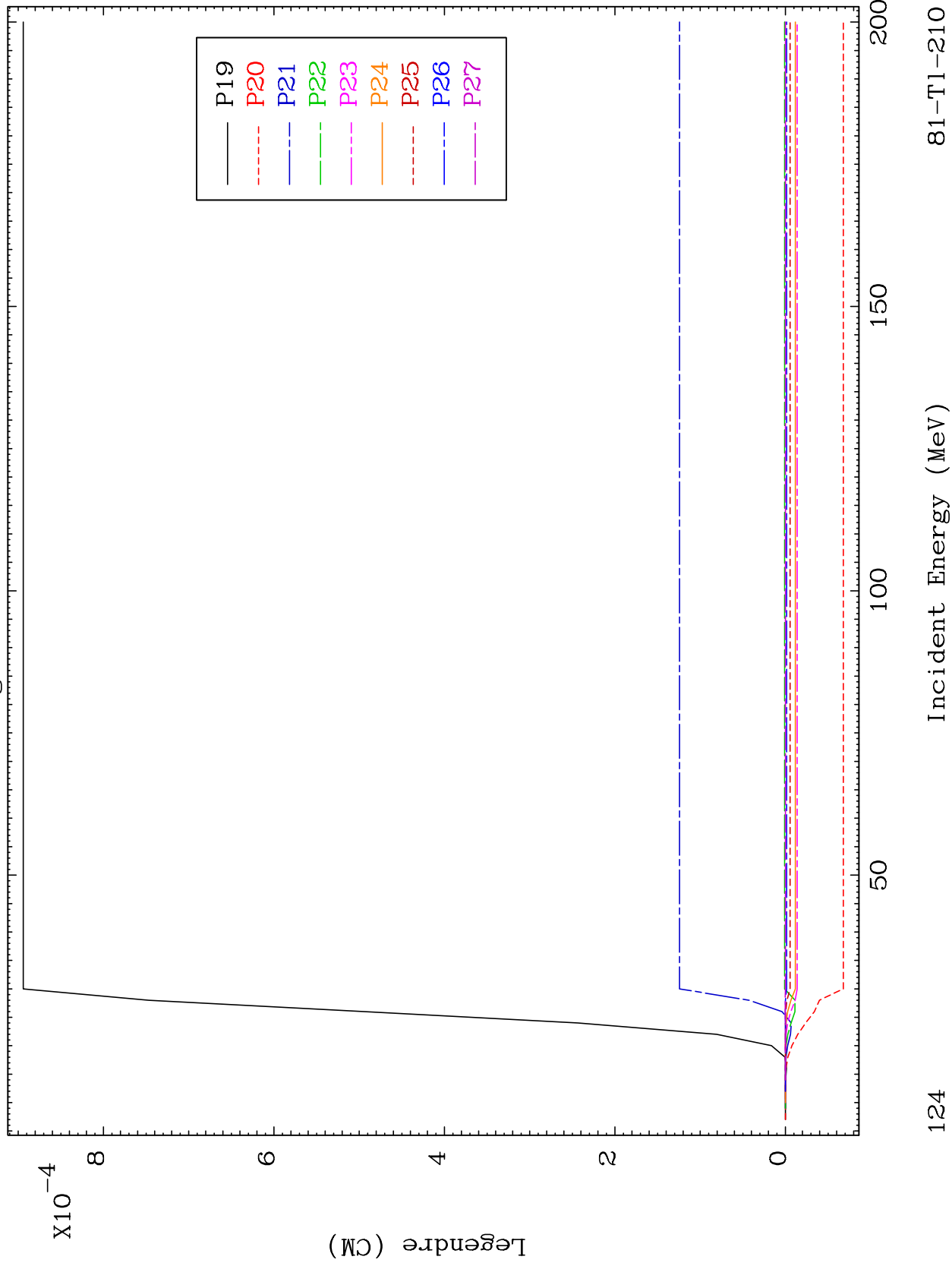
Incident Energy (MeV)

81-Tl-210

MAT 8146

MT= 80 (n,n') Level  
Legendre Coefficients

81-Tl-210

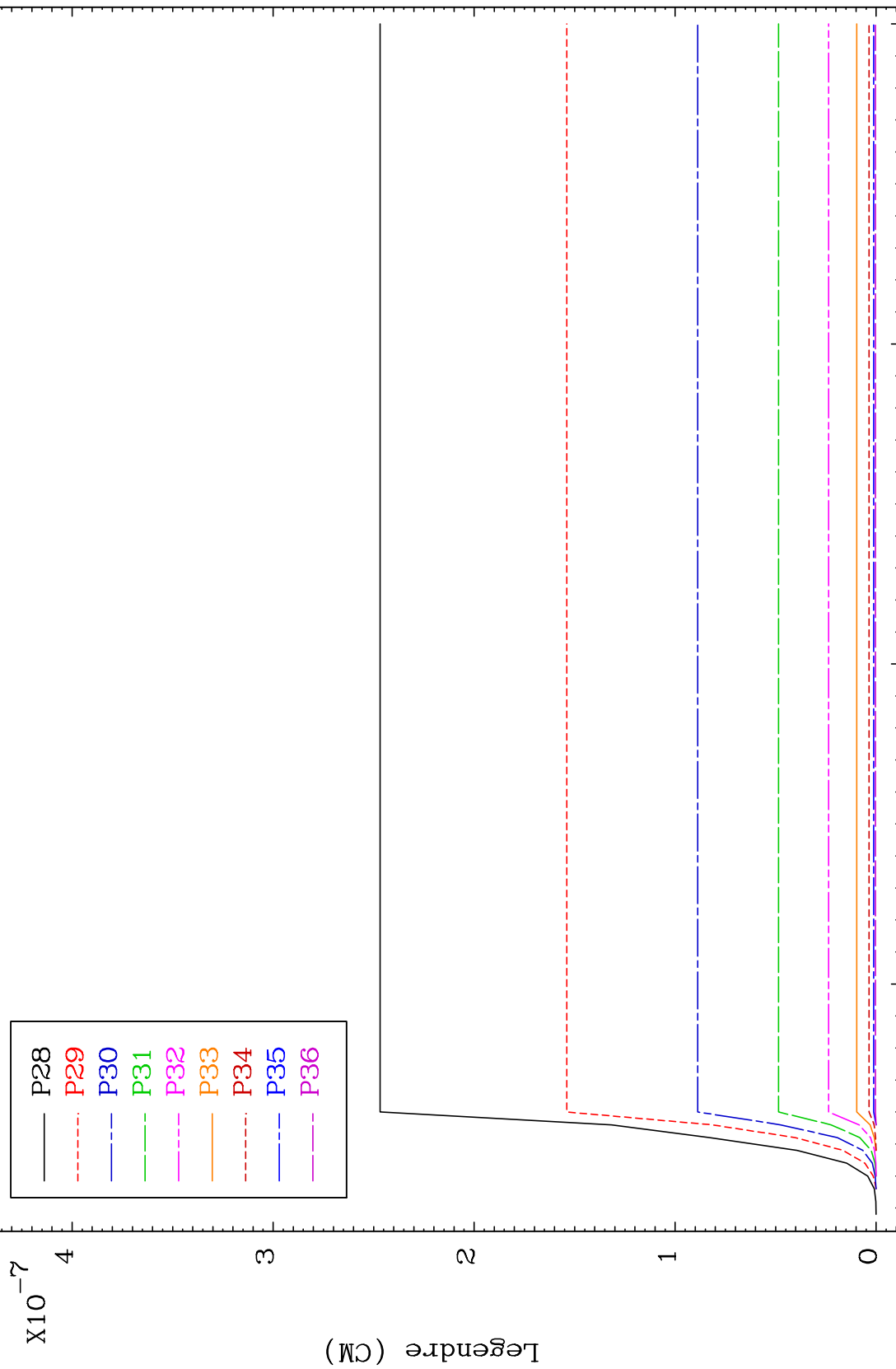
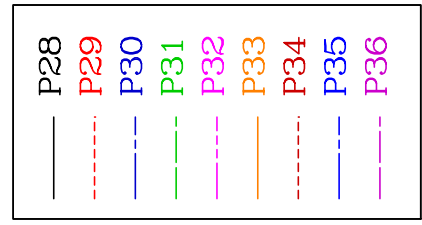


124

MAT 8146

MT= 80 (n,n') Level  
Legendre Coefficients

81-Tl-210



Incident Energy (MeV)

125

Incident Energy (MeV)

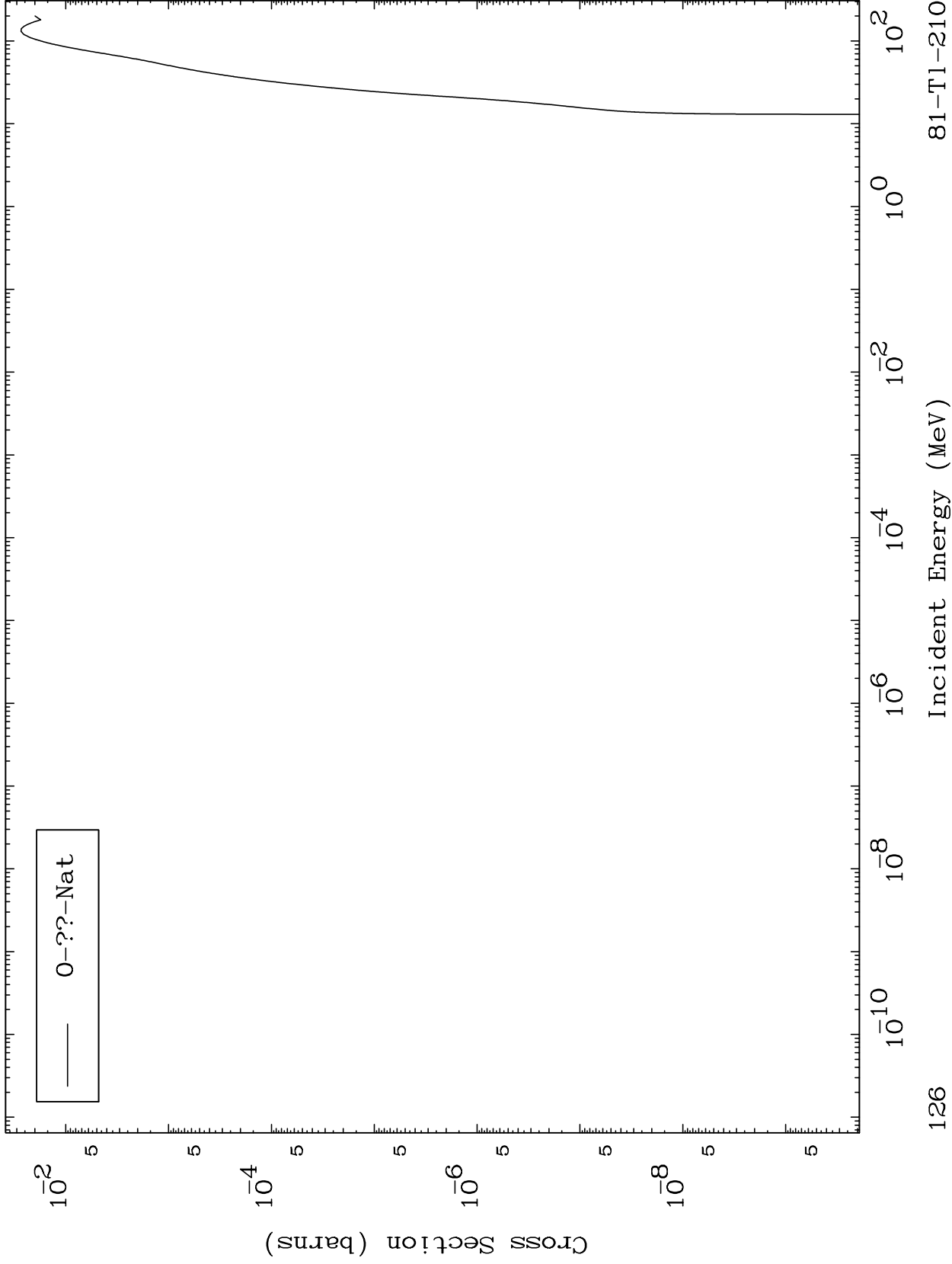
81-Tl-210

MAT 8146

Fission

81-Tl-210

Radionuclide Production Cross Section

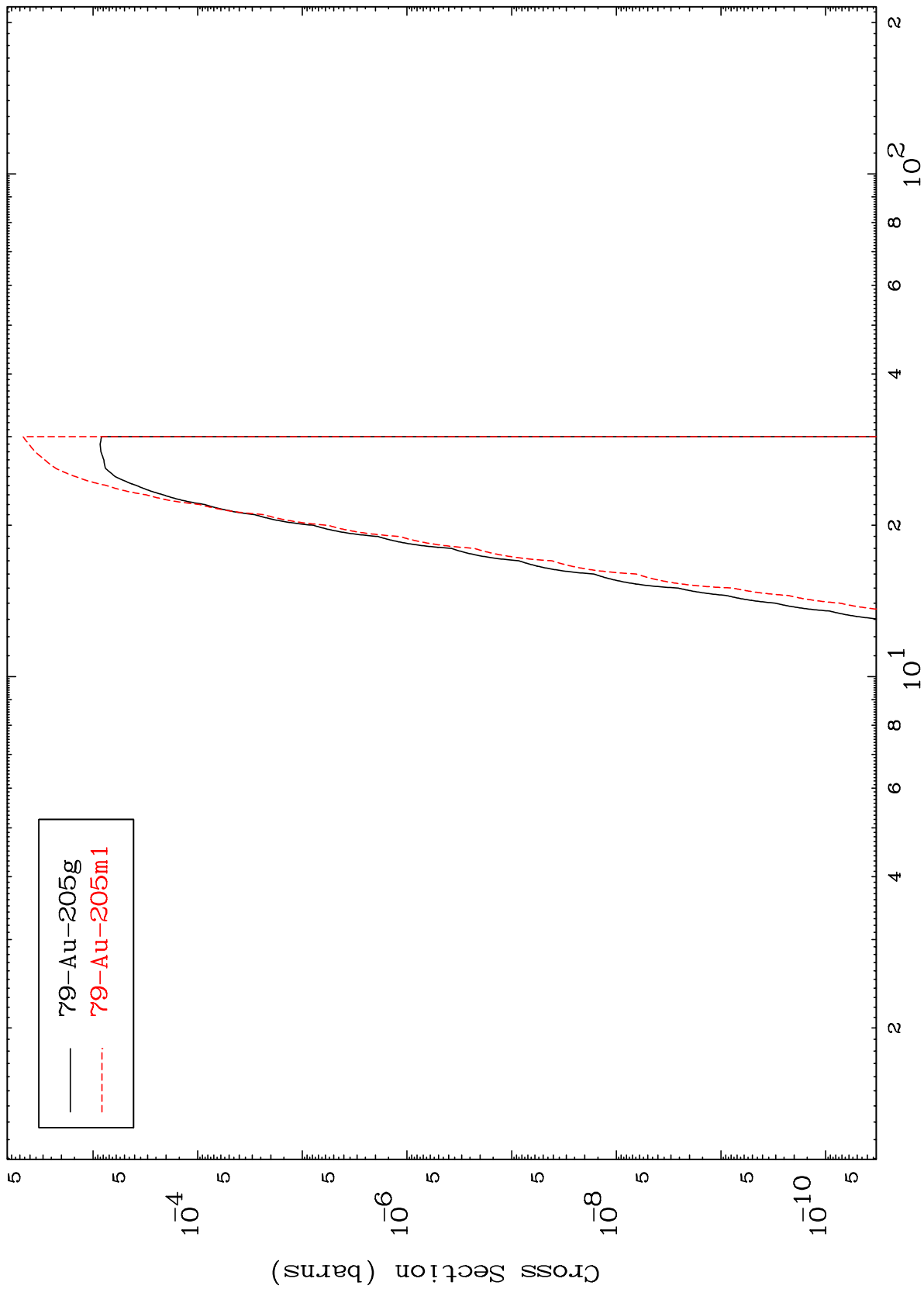


MAT 8146

(n,2n)  $\alpha$

81-Tl-210

Radionuclide Production Cross Section



127

Incident Energy (MeV)

81-Tl-210

(n,4n)  
Radionuclide Production Cross Section

