

Program EVALPLOT  
(Version 2021-1)

by

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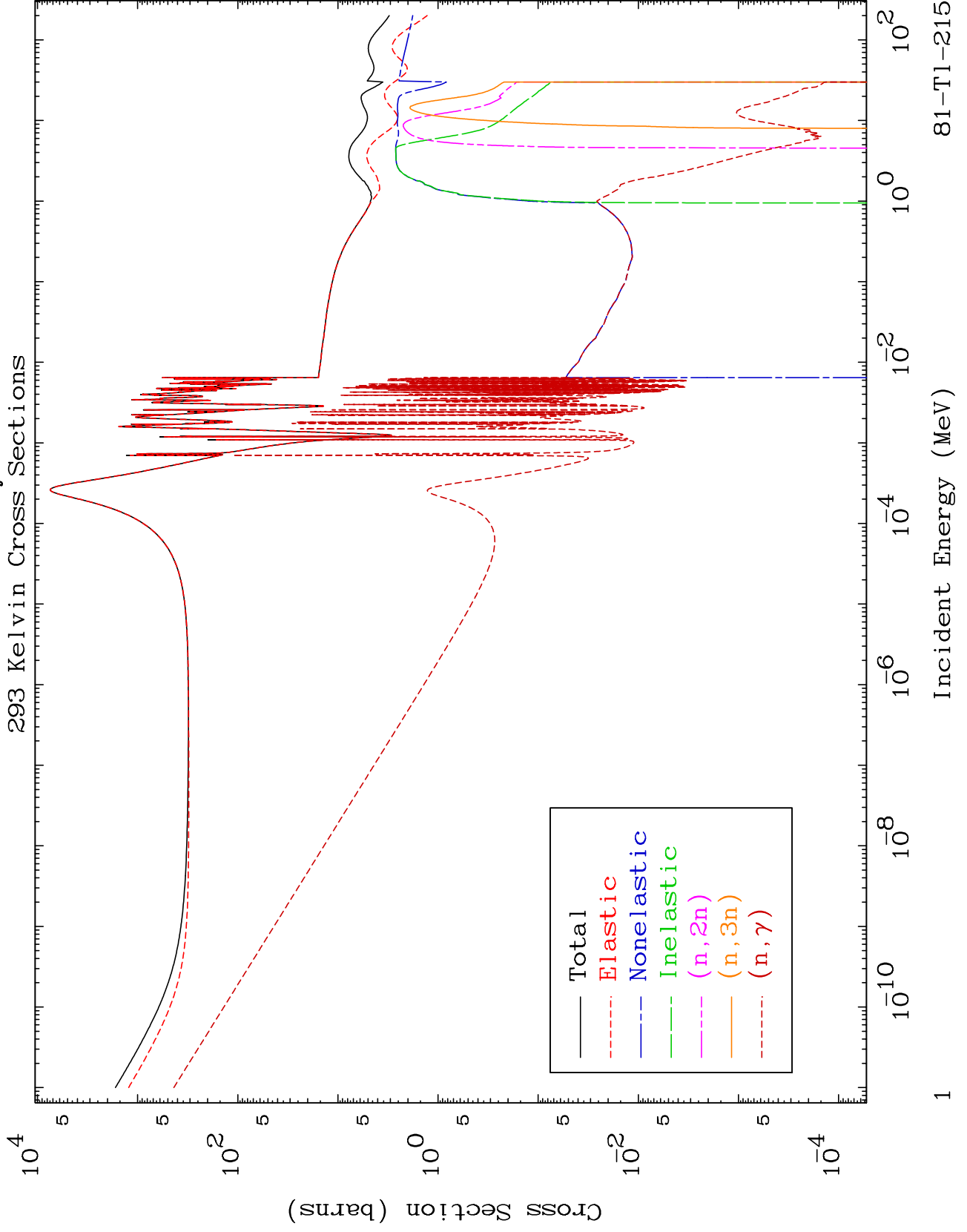
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8161

Neutron Major  
293 Kelvin Cross Sections

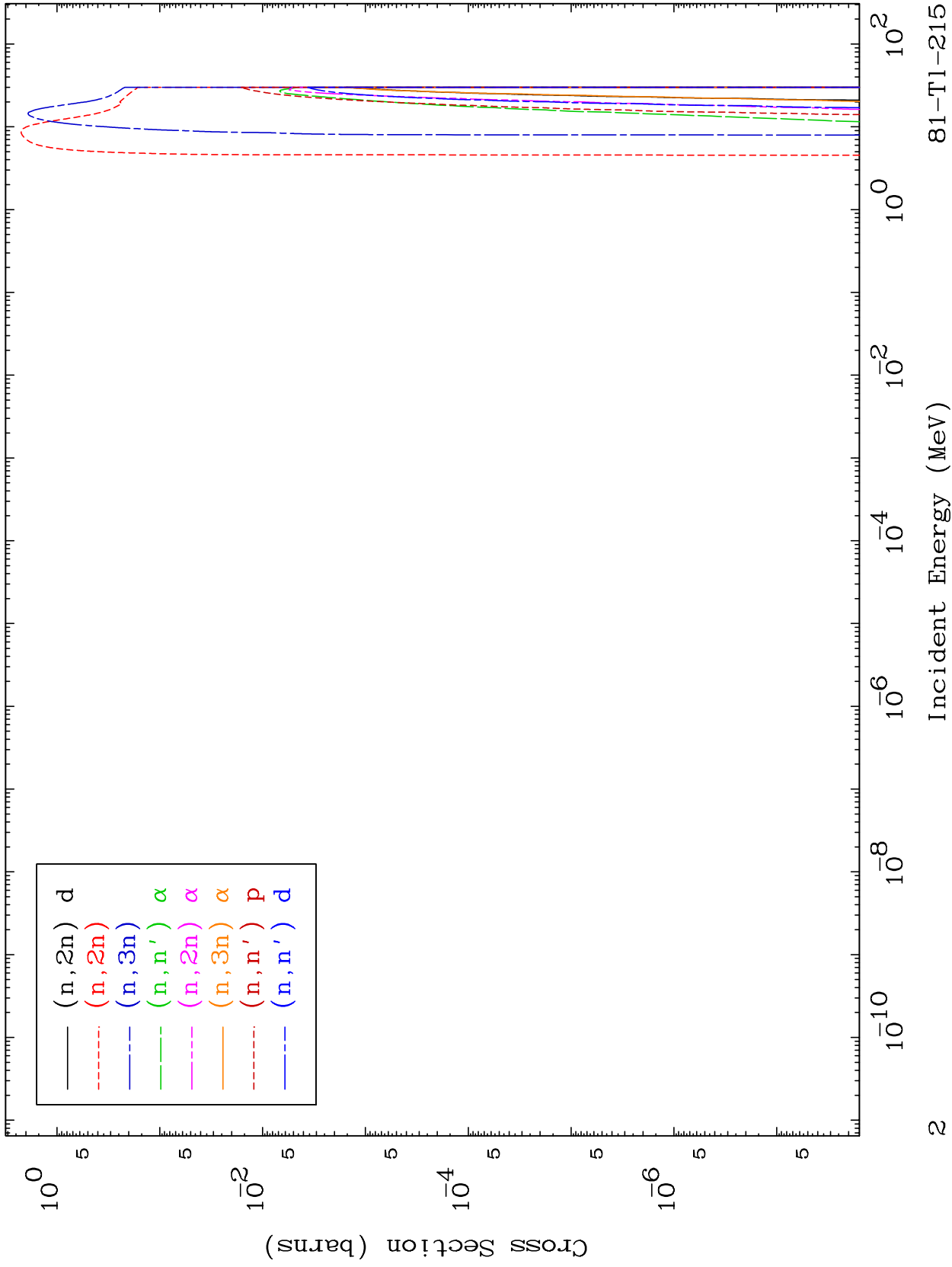
81-Tl-215



MAT 8161

Neutron Absorption  
293 Kelvin Cross Sections

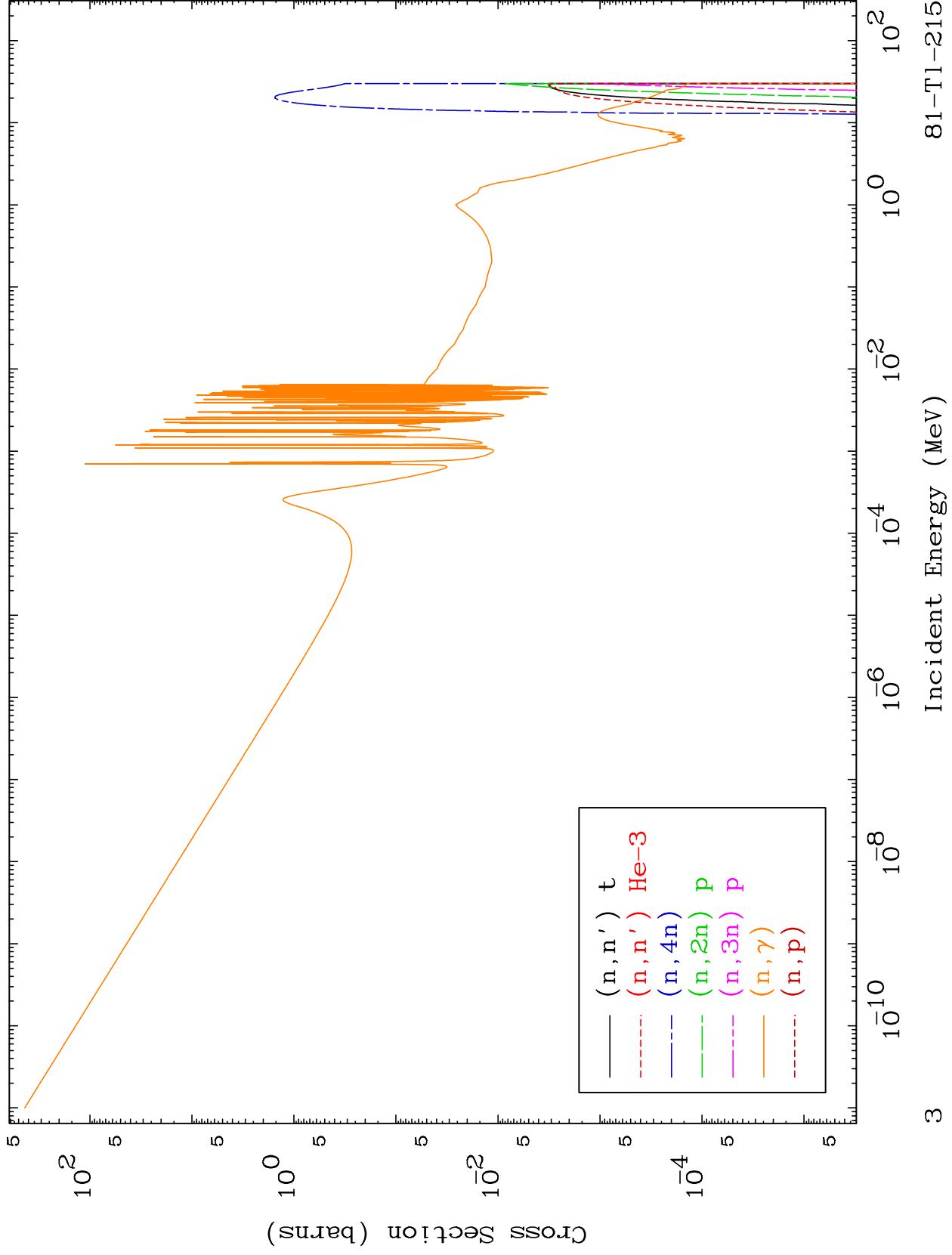
81-Tl-215



MAT 8161

Neutron Absorption  
293 Kelvin Cross Sections

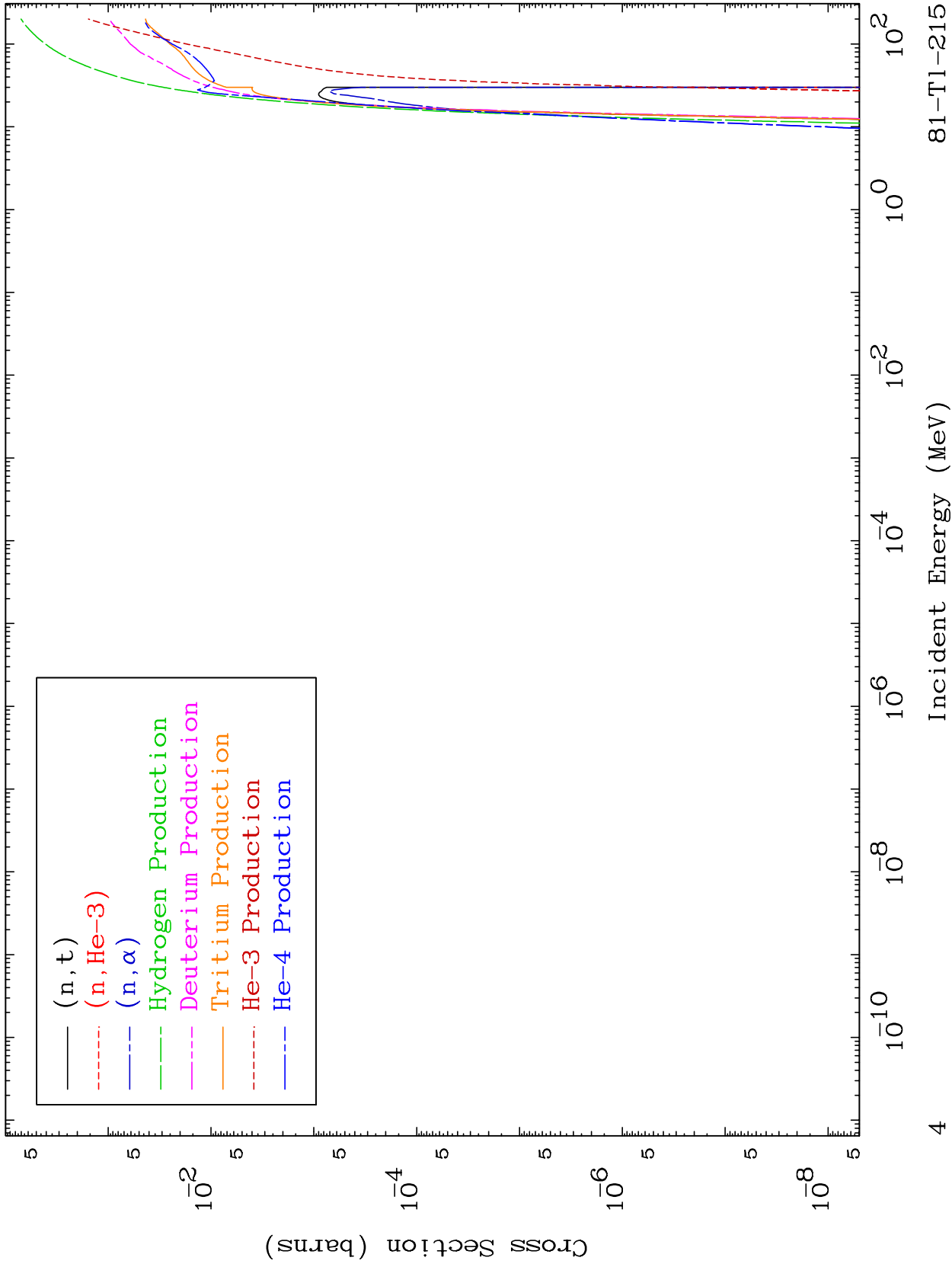
81-Tl-215



MAT 8161

Neutron Absorption  
293 Kelvin Cross Sections

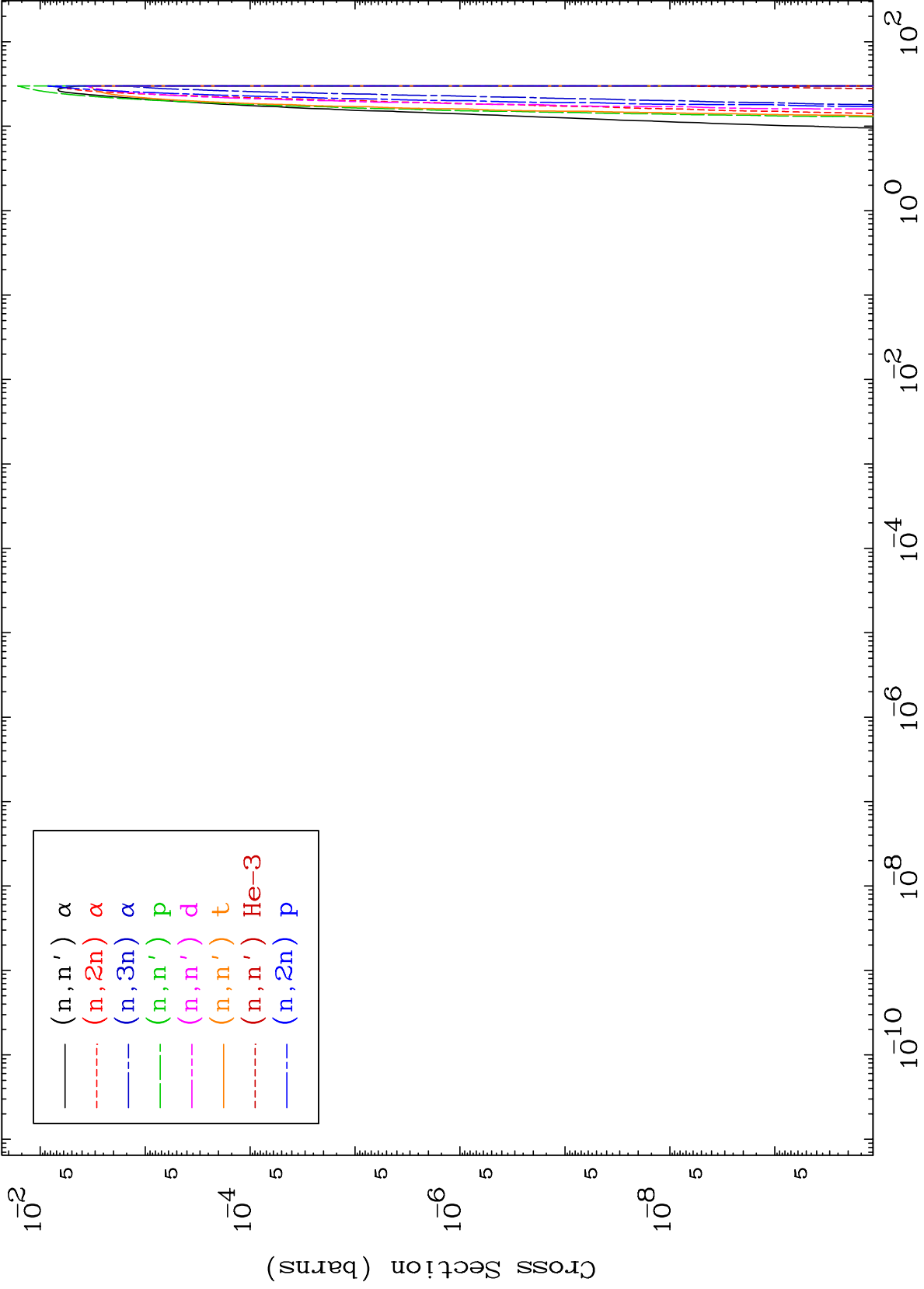
81-Tl-215



MAT 8161

Charged Particle  
293 Kelvin Cross Sections

81-Tl-215



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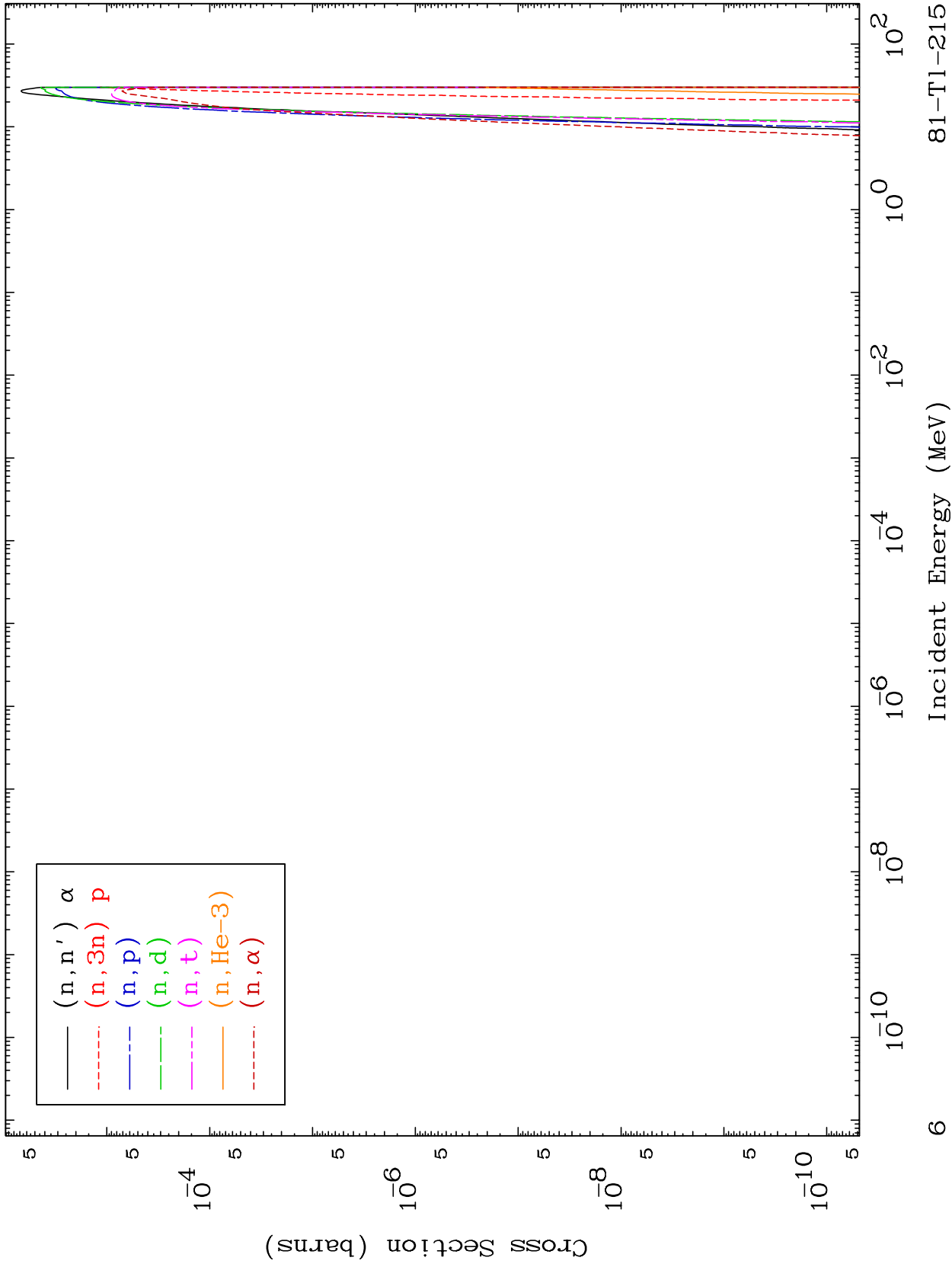
Incident Energy (MeV)

81-Tl-215

MAT 8161

Charged Particle  
293 Kelvin Cross Sections

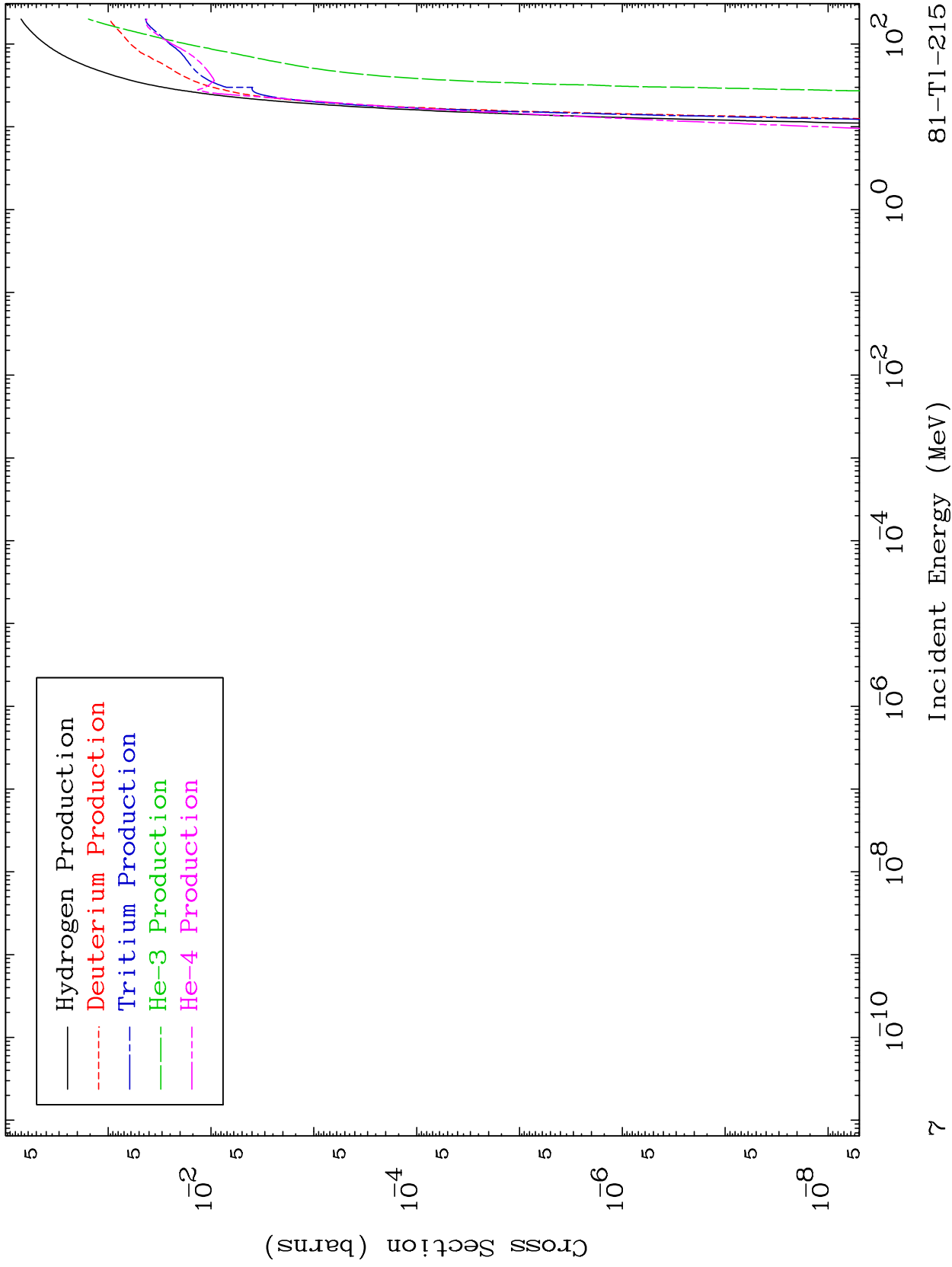
81-Tl-215



MAT 8161

Particle Production  
293 Kelvin Cross Sections

81-Tl-215



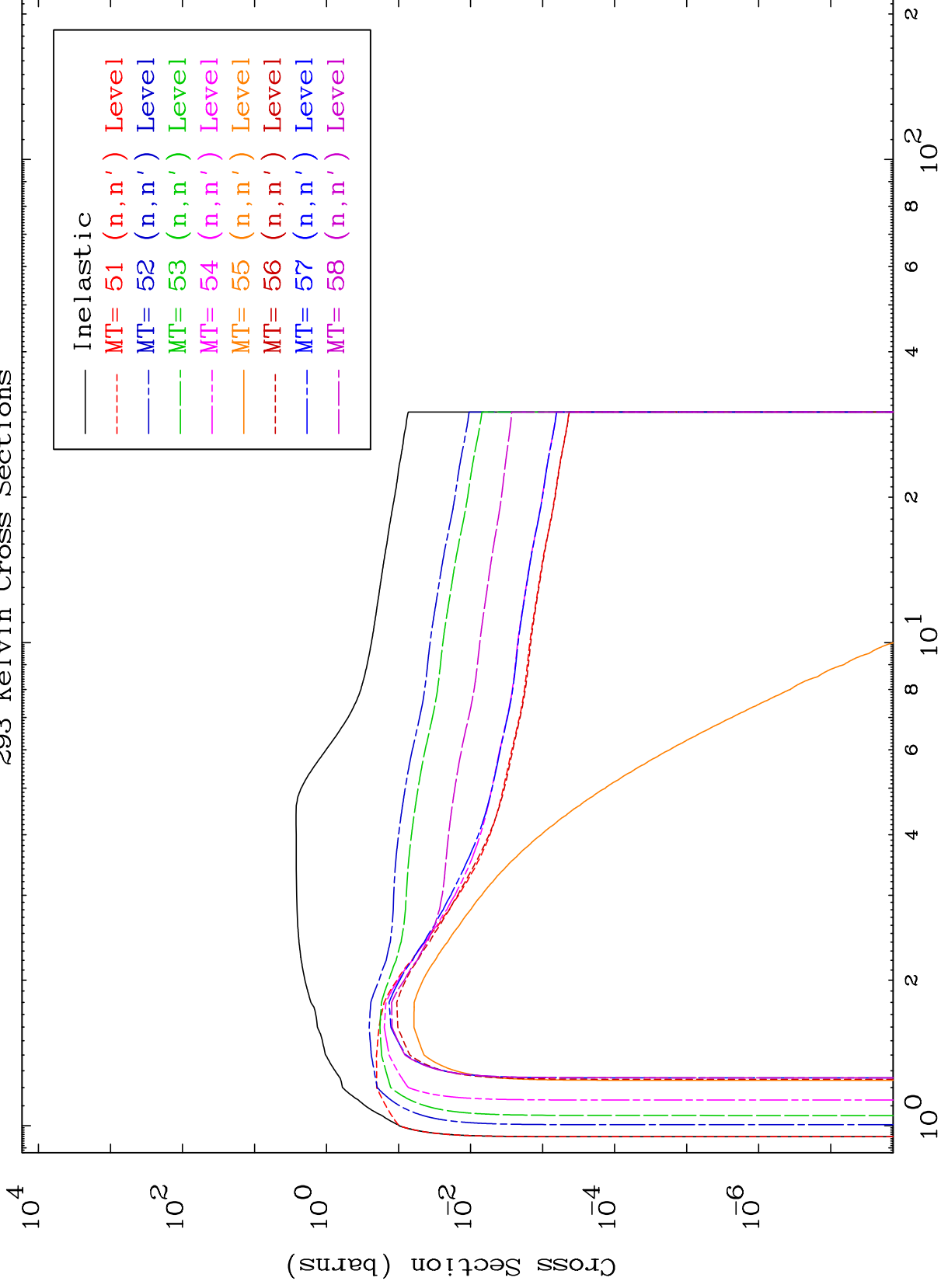


MAT 8161

(n,n') Levels

81-Tl-215

293 Kelvin Cross Sections



Incident Energy (MeV)

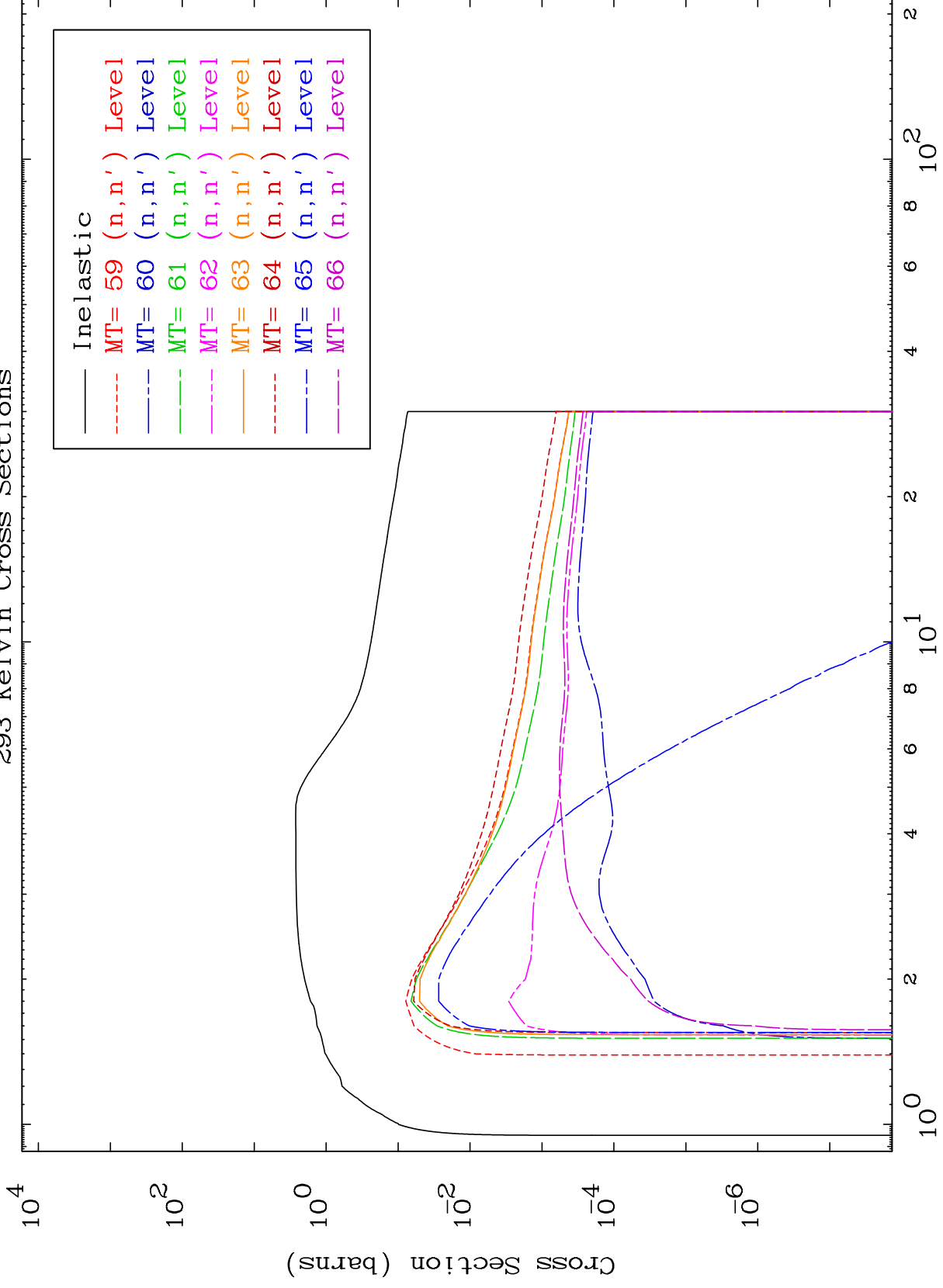
81-Tl-215

MAT 8161

(n,n') Levels

81-Tl-215

293 Kelvin Cross Sections



Incident Energy (MeV)

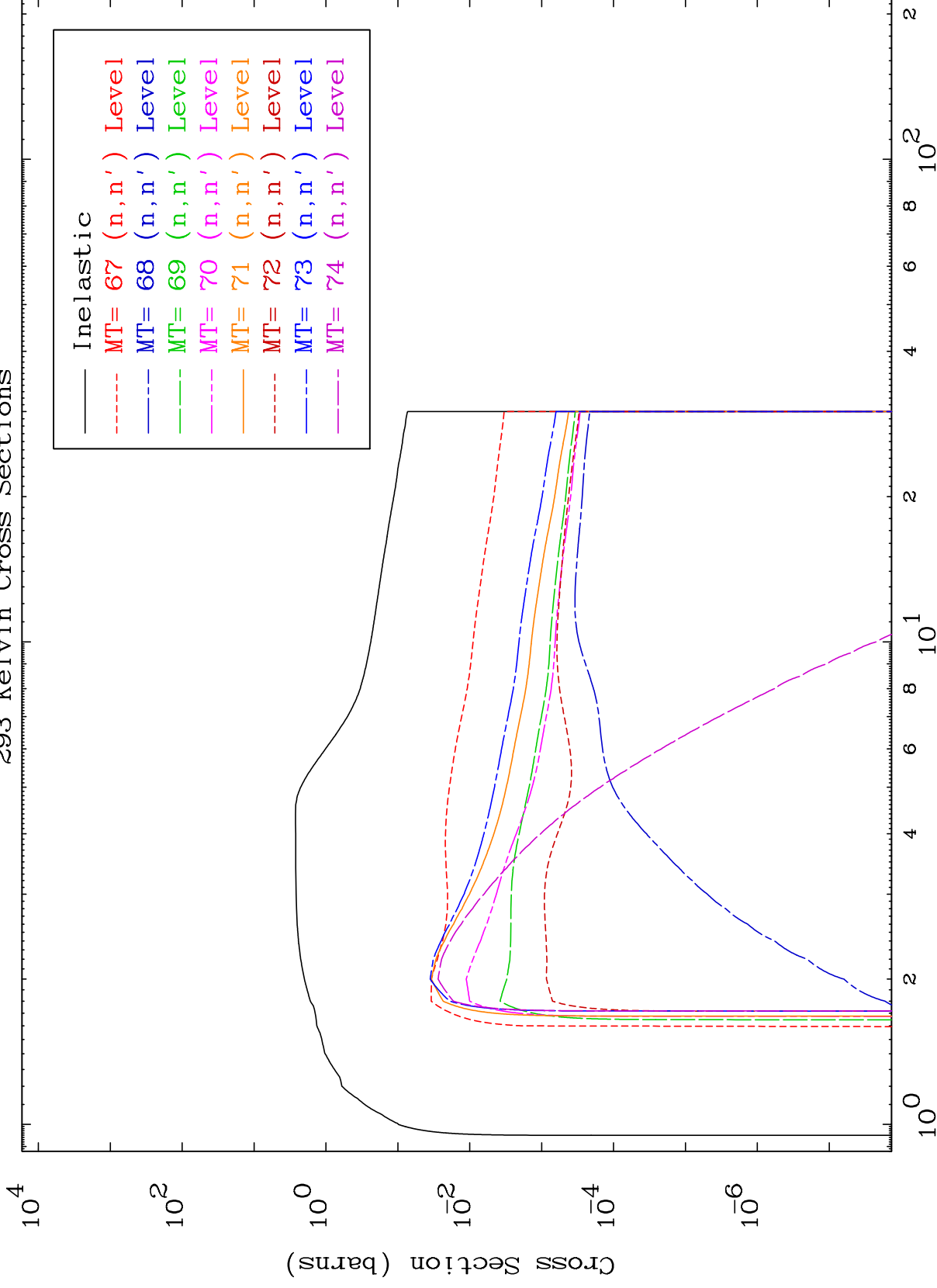
81-Tl-215

MAT 8161

(n,n') Levels

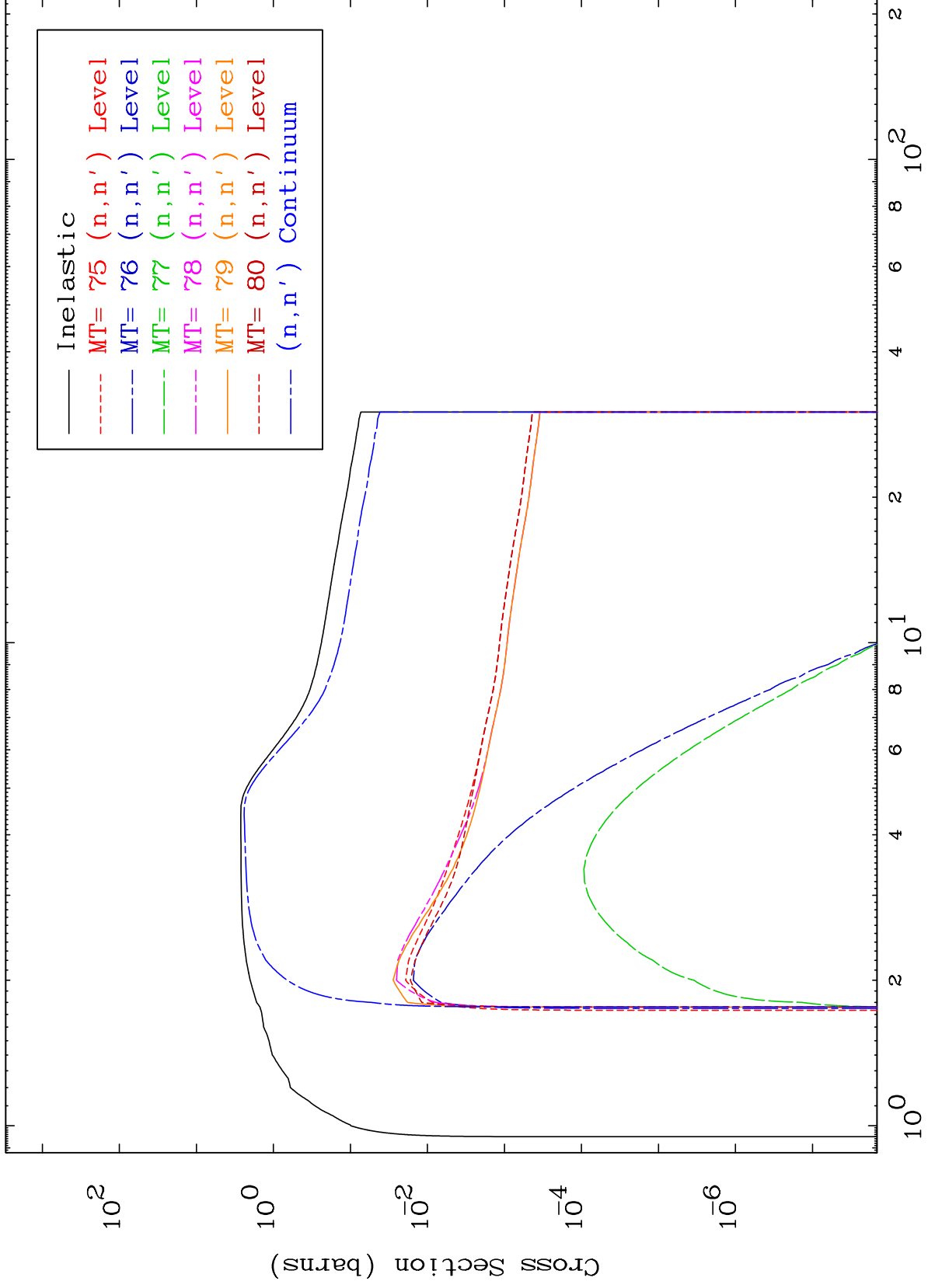
293 Kelvin Cross Sections

81-Tl-215



Incident Energy (MeV)

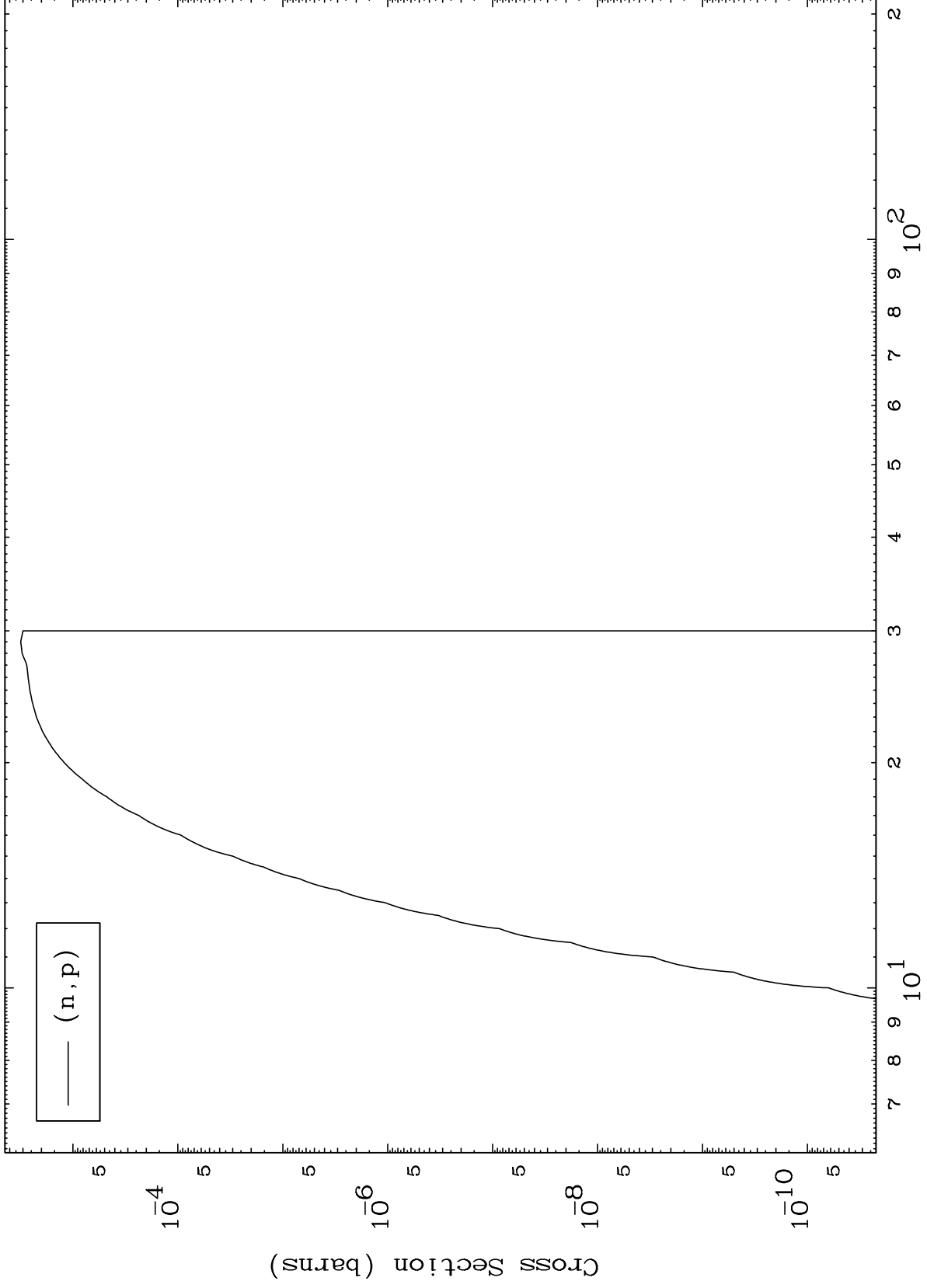
81-Tl-215



MAT 8161

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-215



12

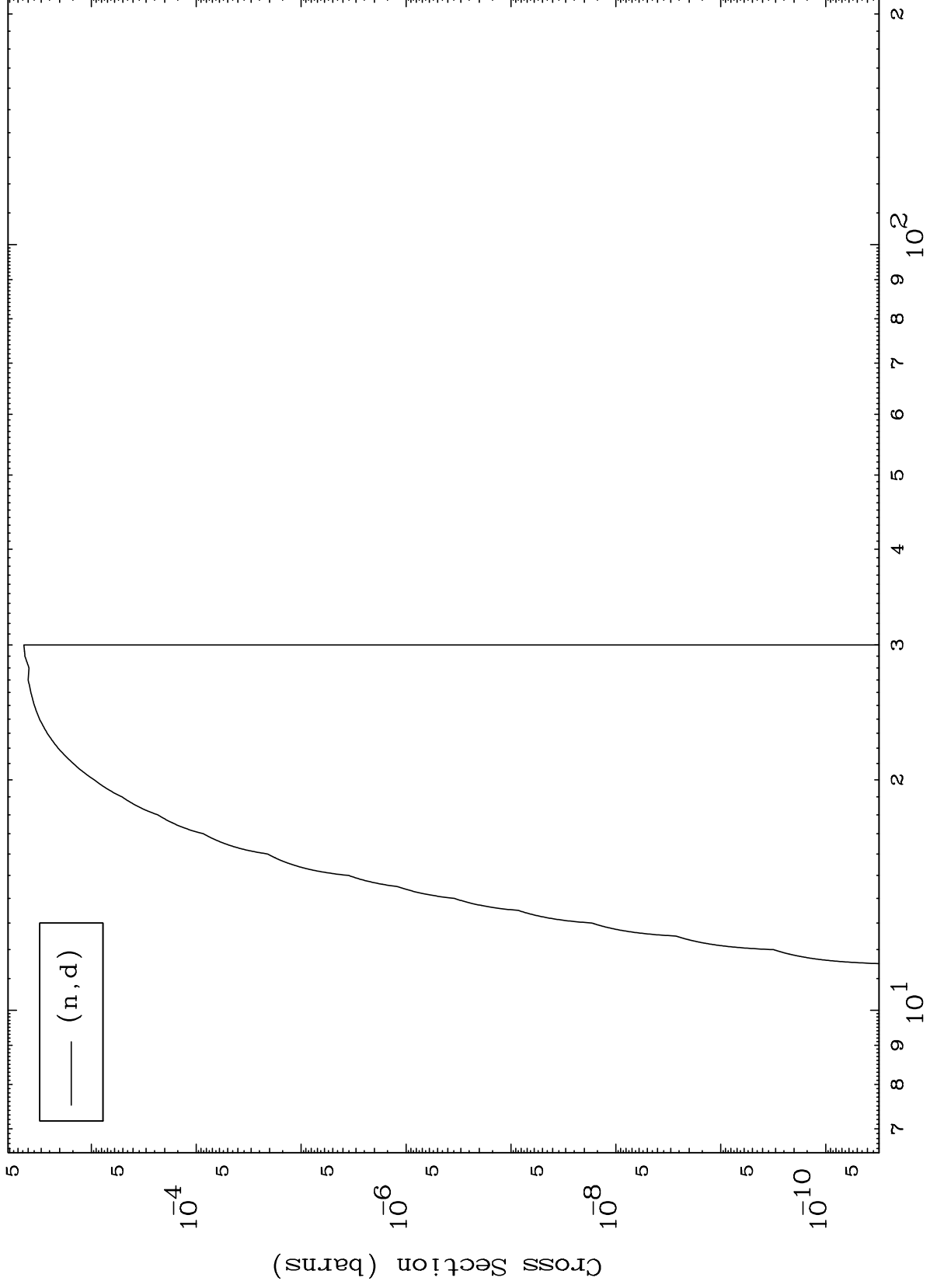
Incident Energy (MeV)

81-Tl-215

MAT 8161

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-215



13

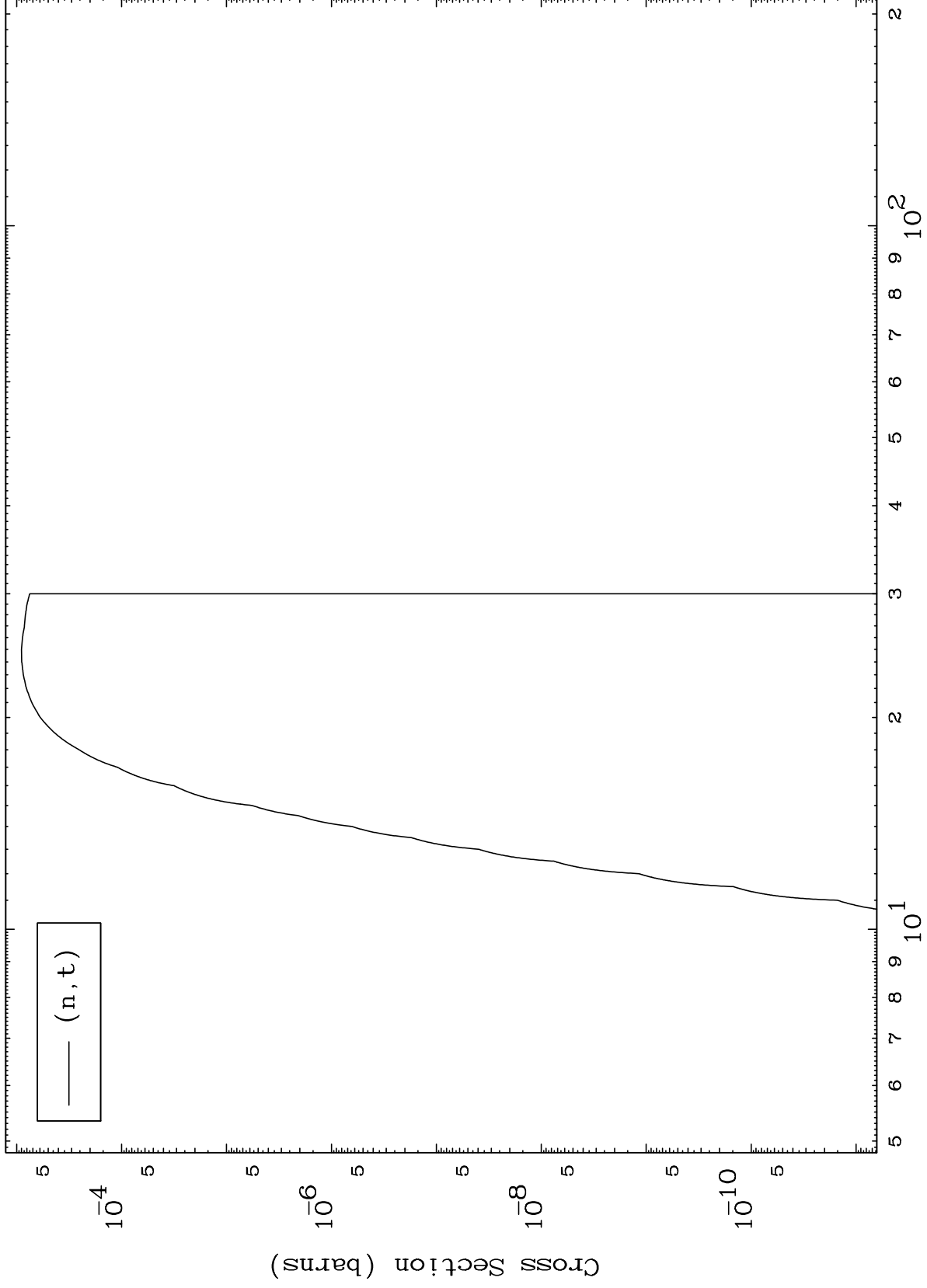
Incident Energy (MeV)

81-Tl-215

MAT 8161

(n,t) Levels  
293 Kelvin Cross Sections

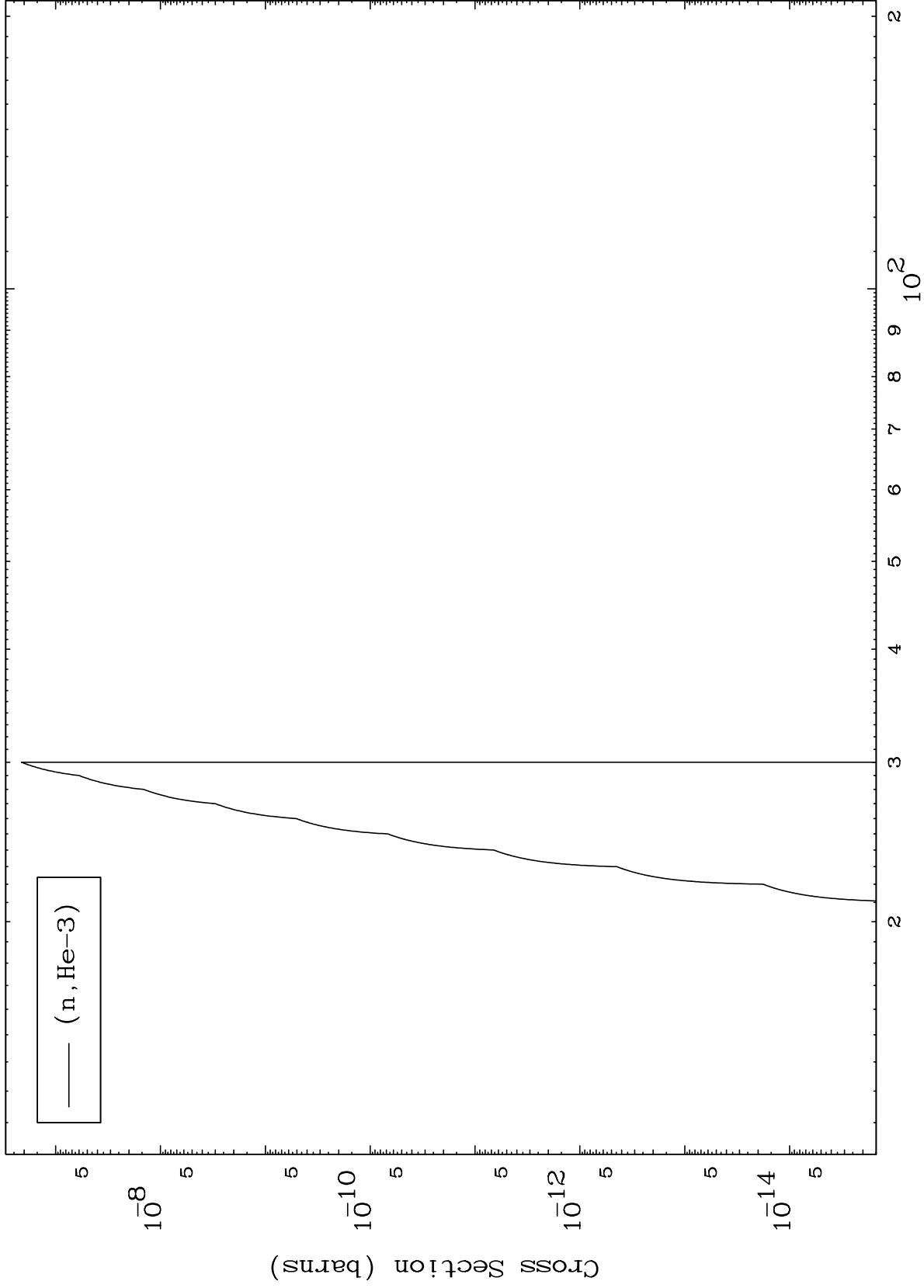
81-T1-215



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Incident Energy (MeV)

81-T1-215

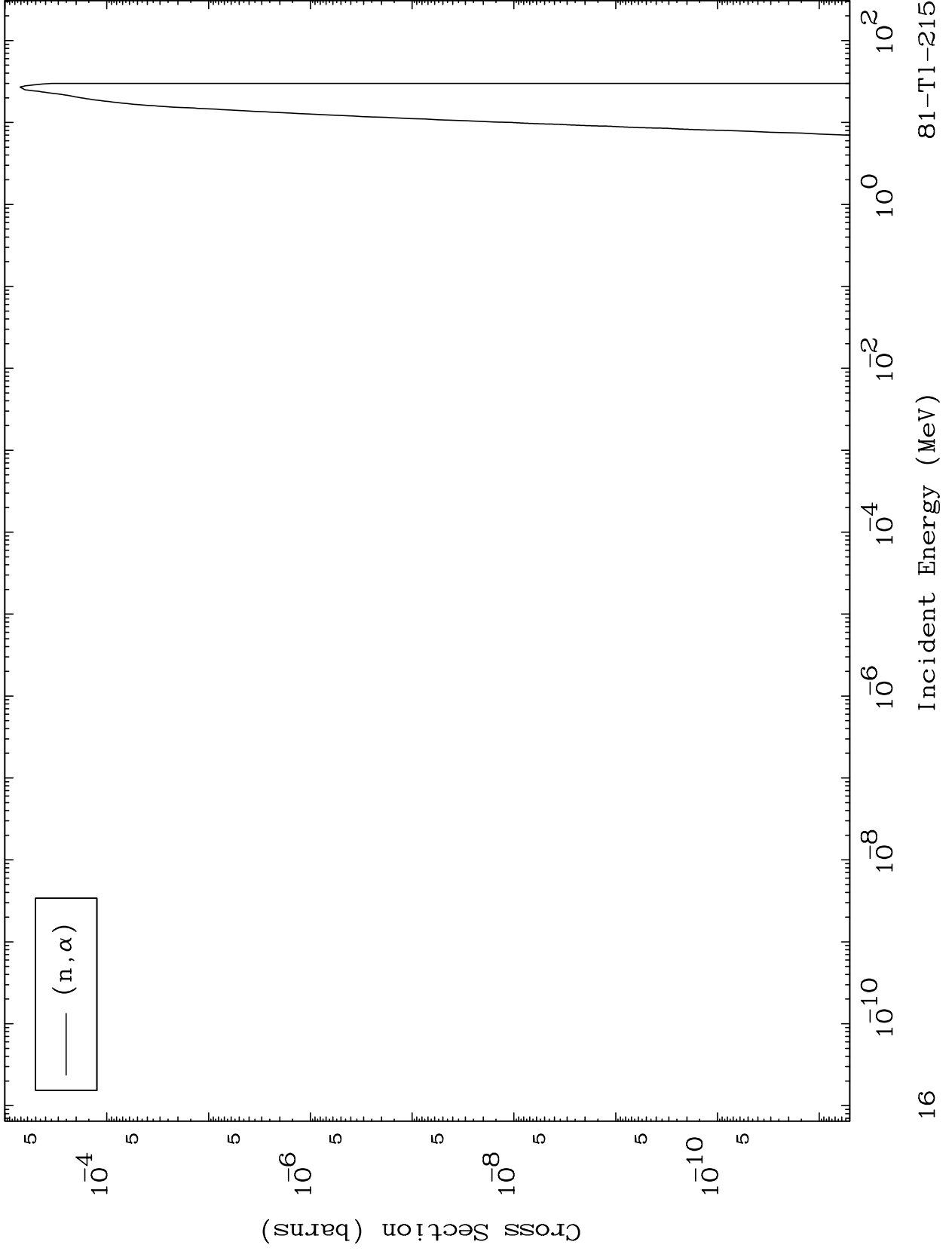


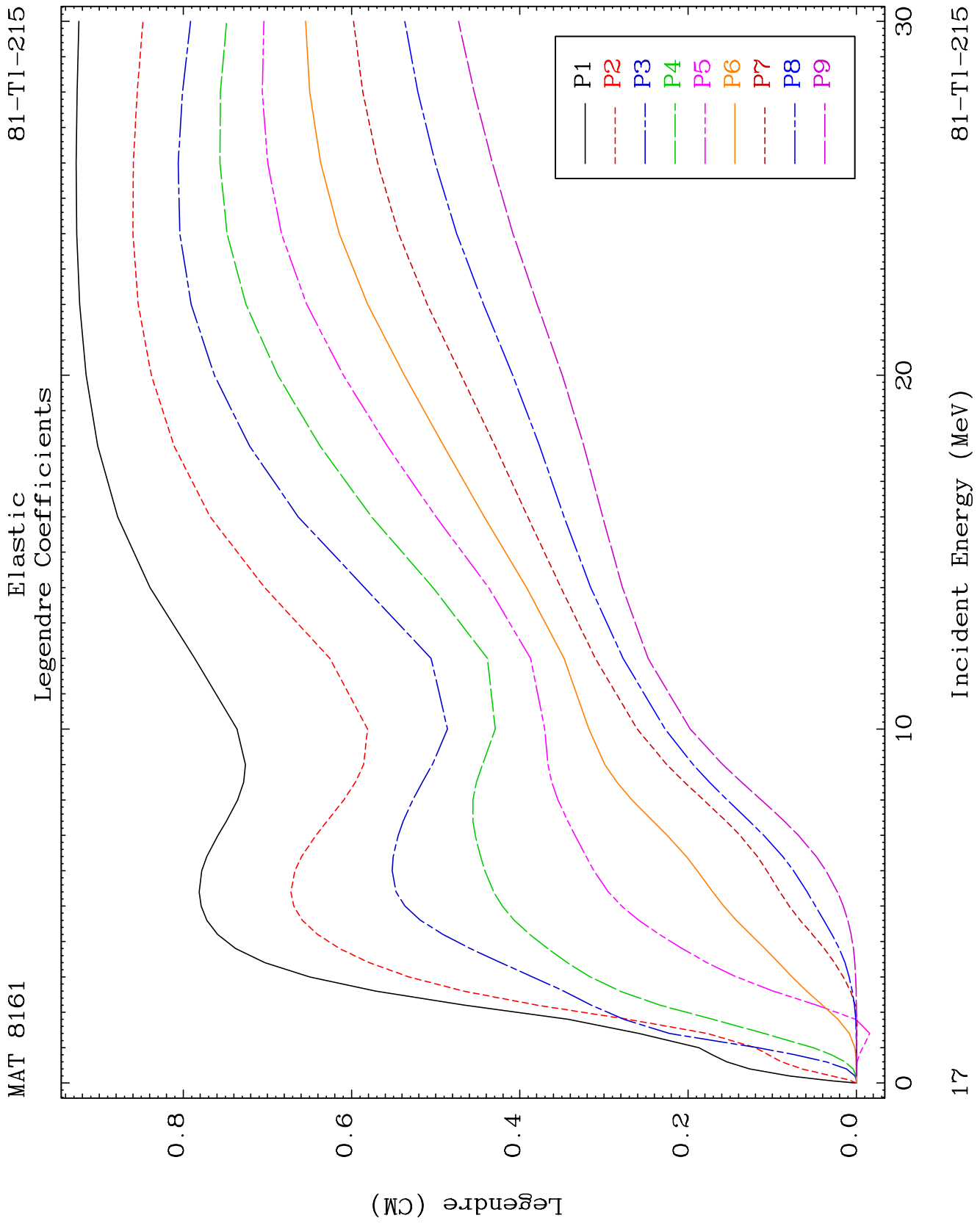


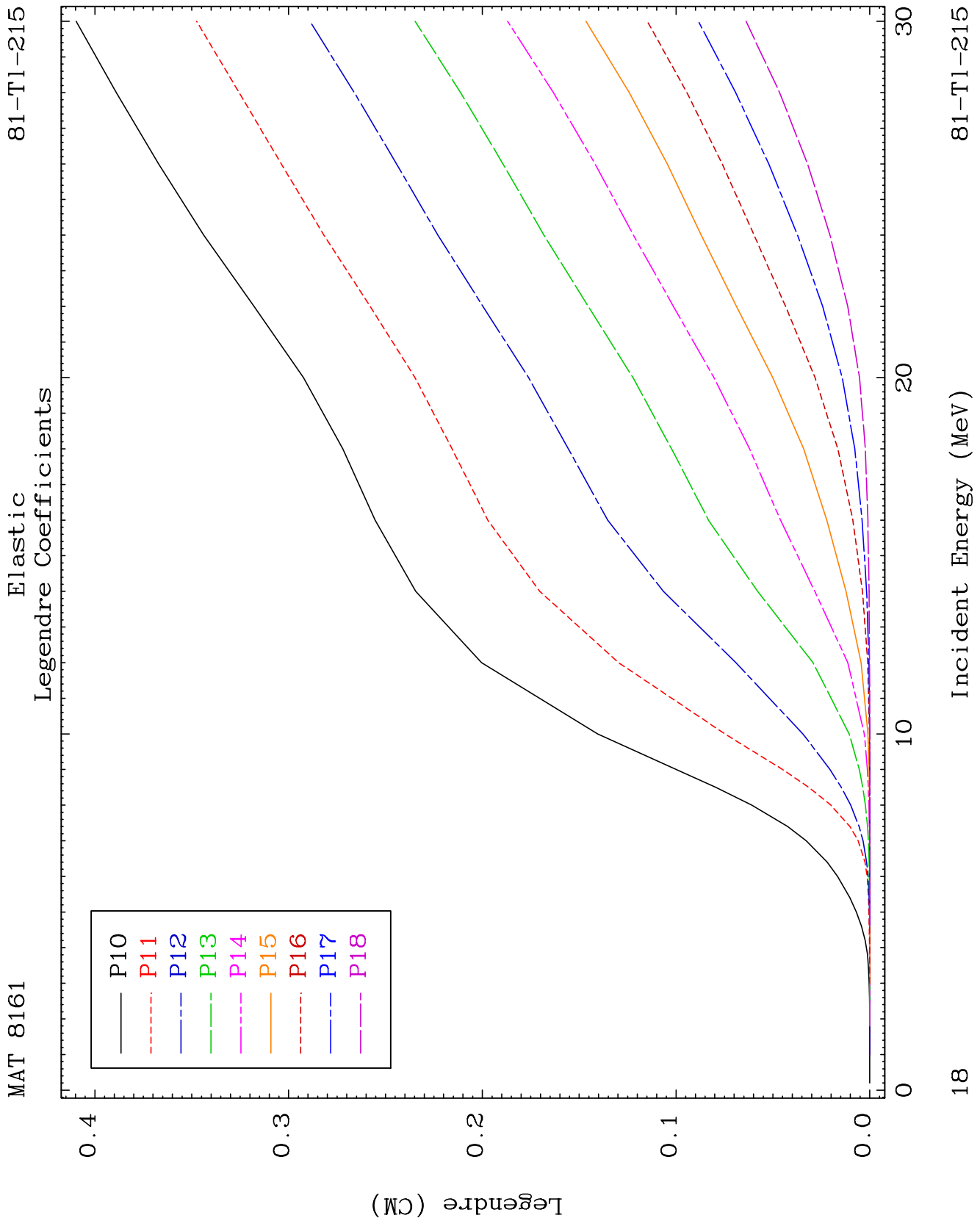
MAT 8161

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

81-Tl-215







MAT 8161

81-Tl-215

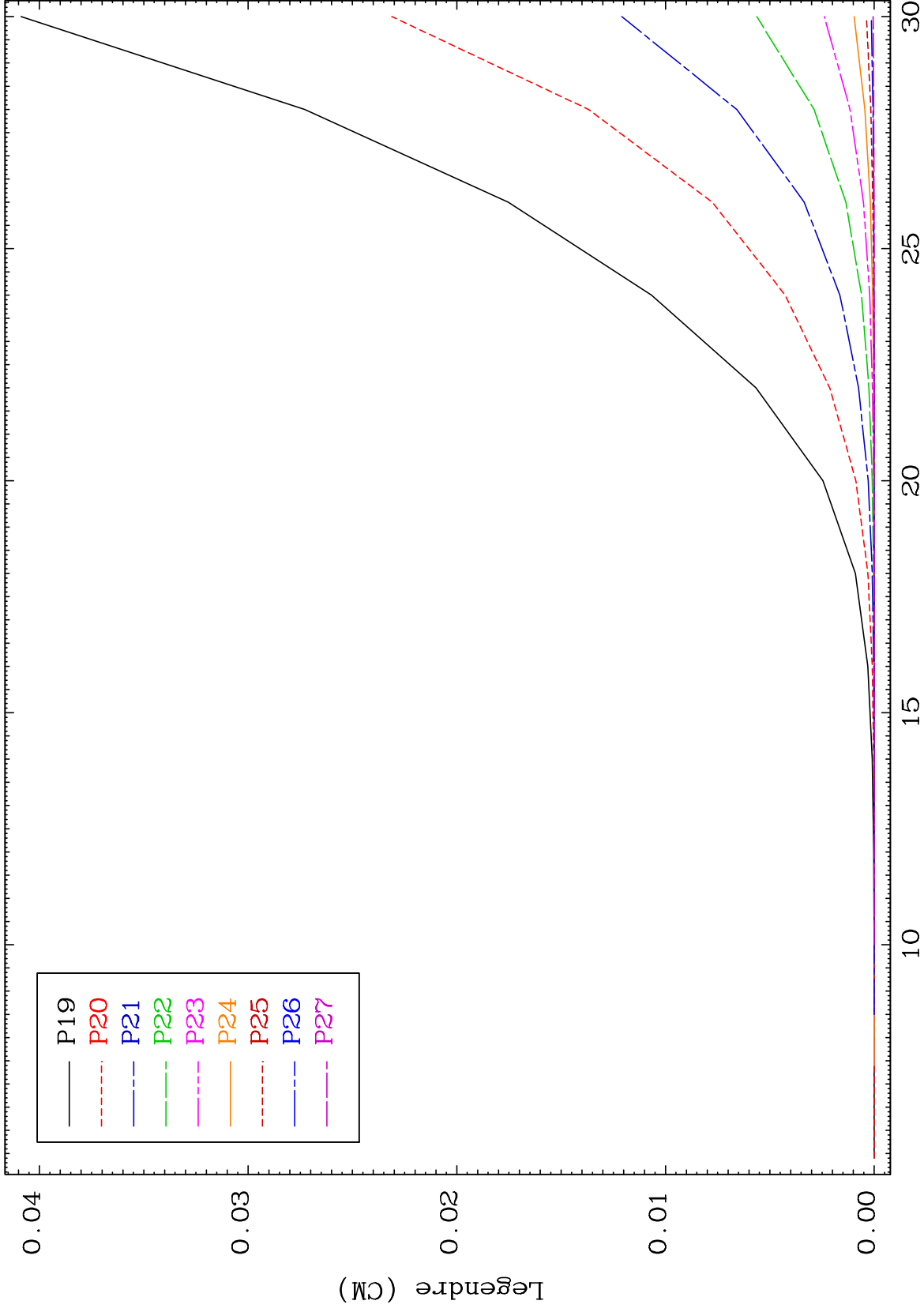
18

81-Tl-215

MAT 8161

### Elastic Legendre Coefficients

81-T1-215



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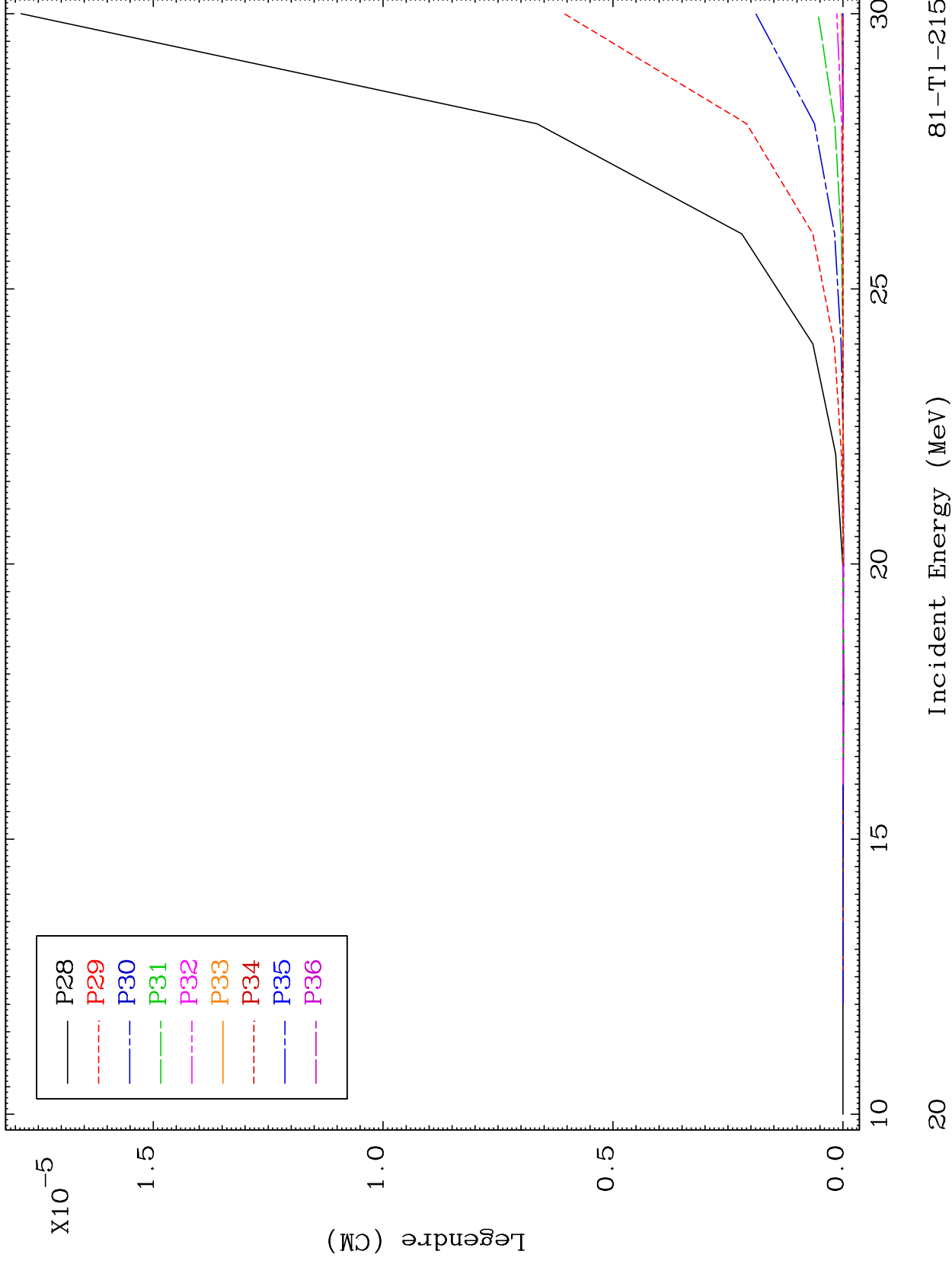
Incident Energy (MeV)

81-T1-215

MAT 8161

Elastic  
Legendre Coefficients

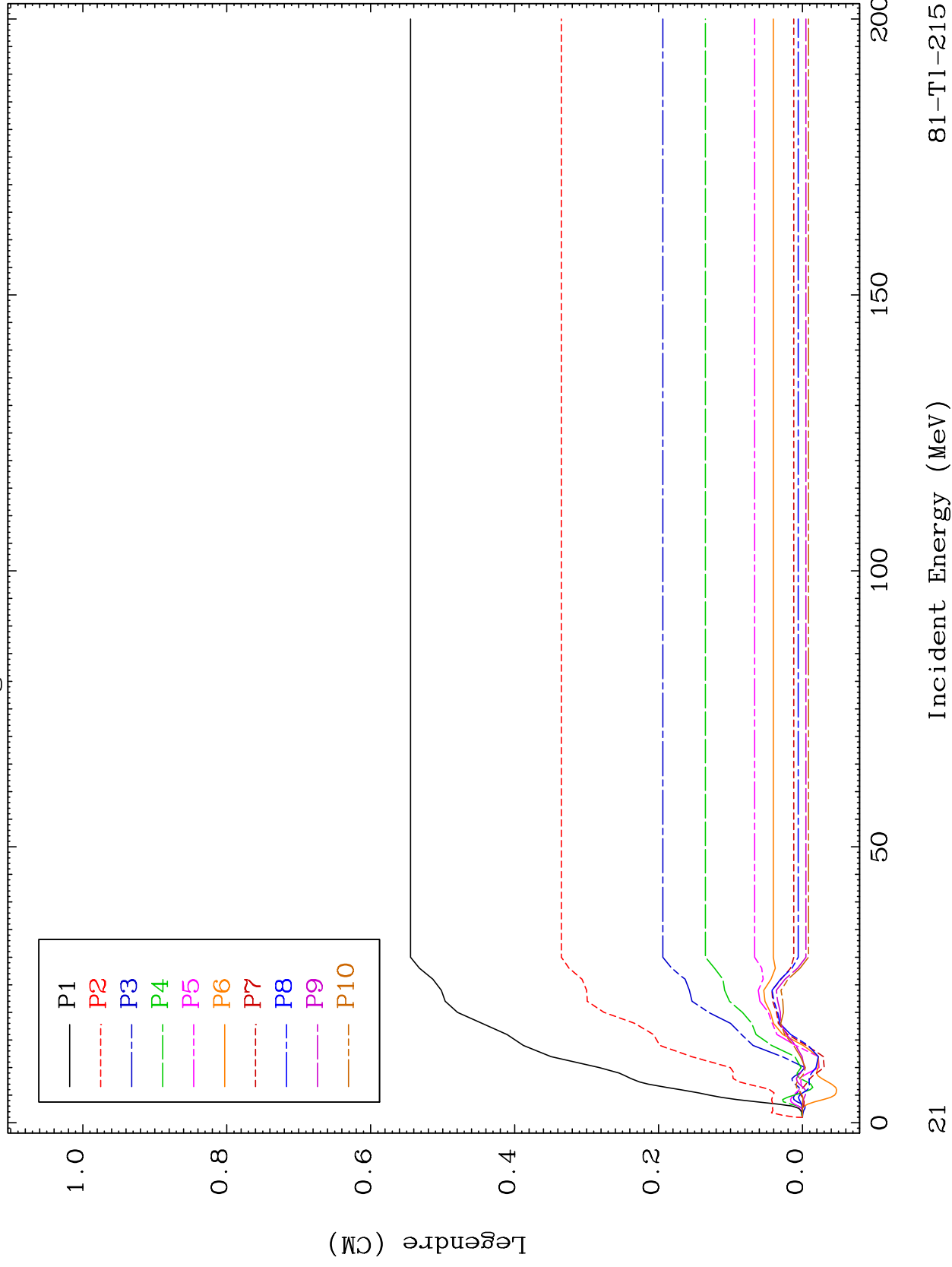
81-T1-215



MAT 8161

81-T1-215

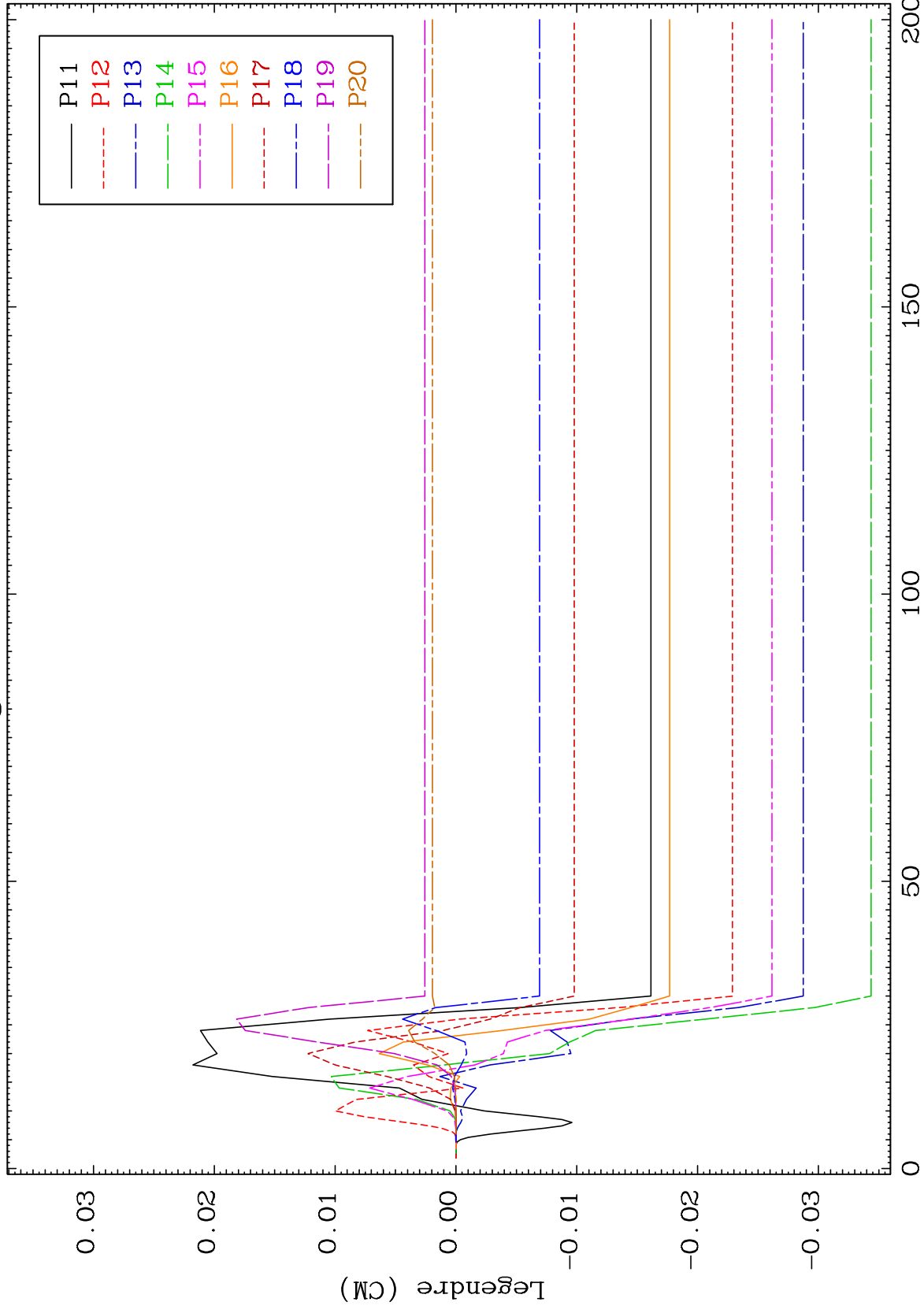
MT= 51 (n,n') Level  
Legendre Coefficients



MAT 8161

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

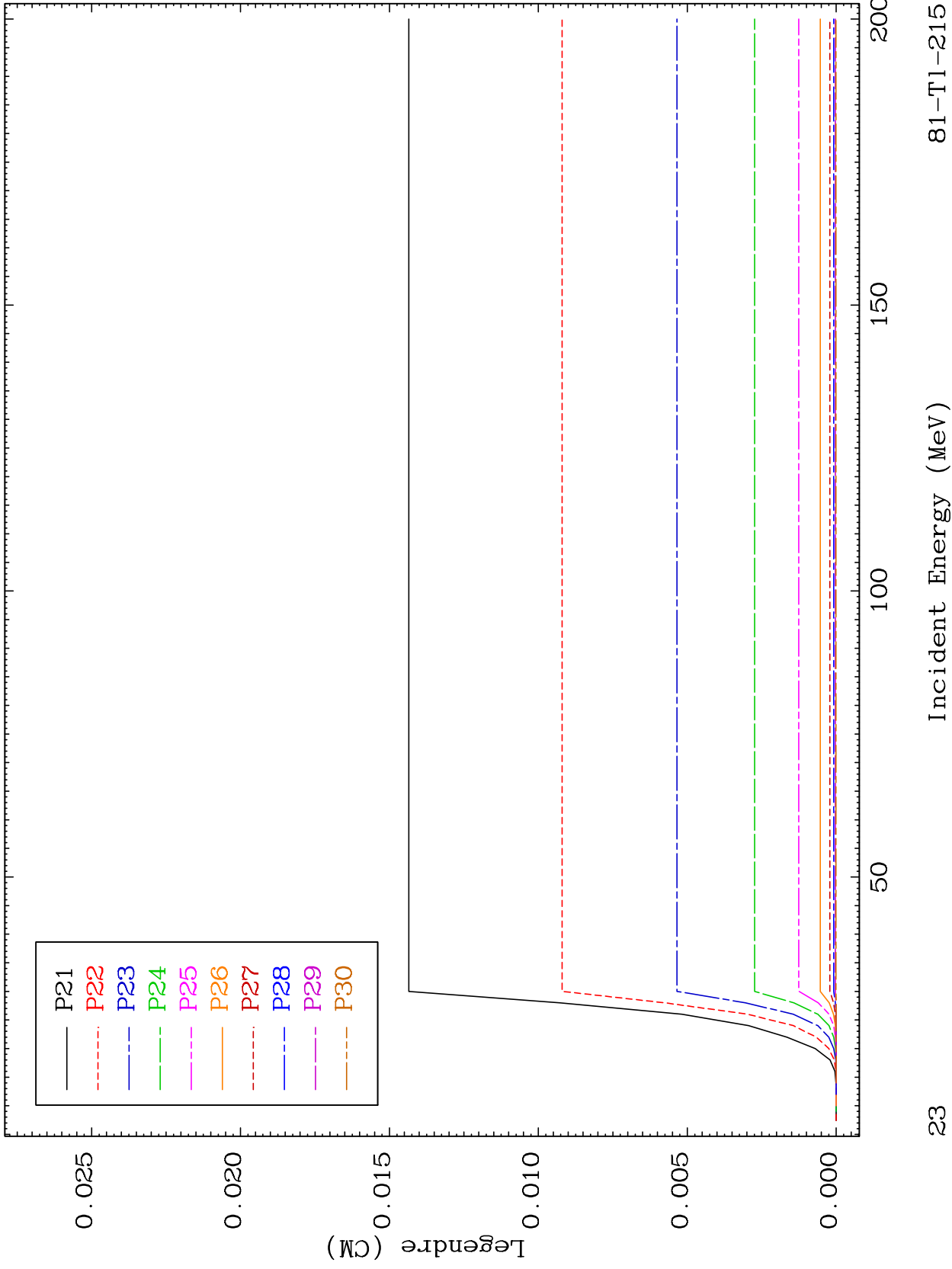
81-T1-215



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Incident Energy (MeV)

81-T1-215

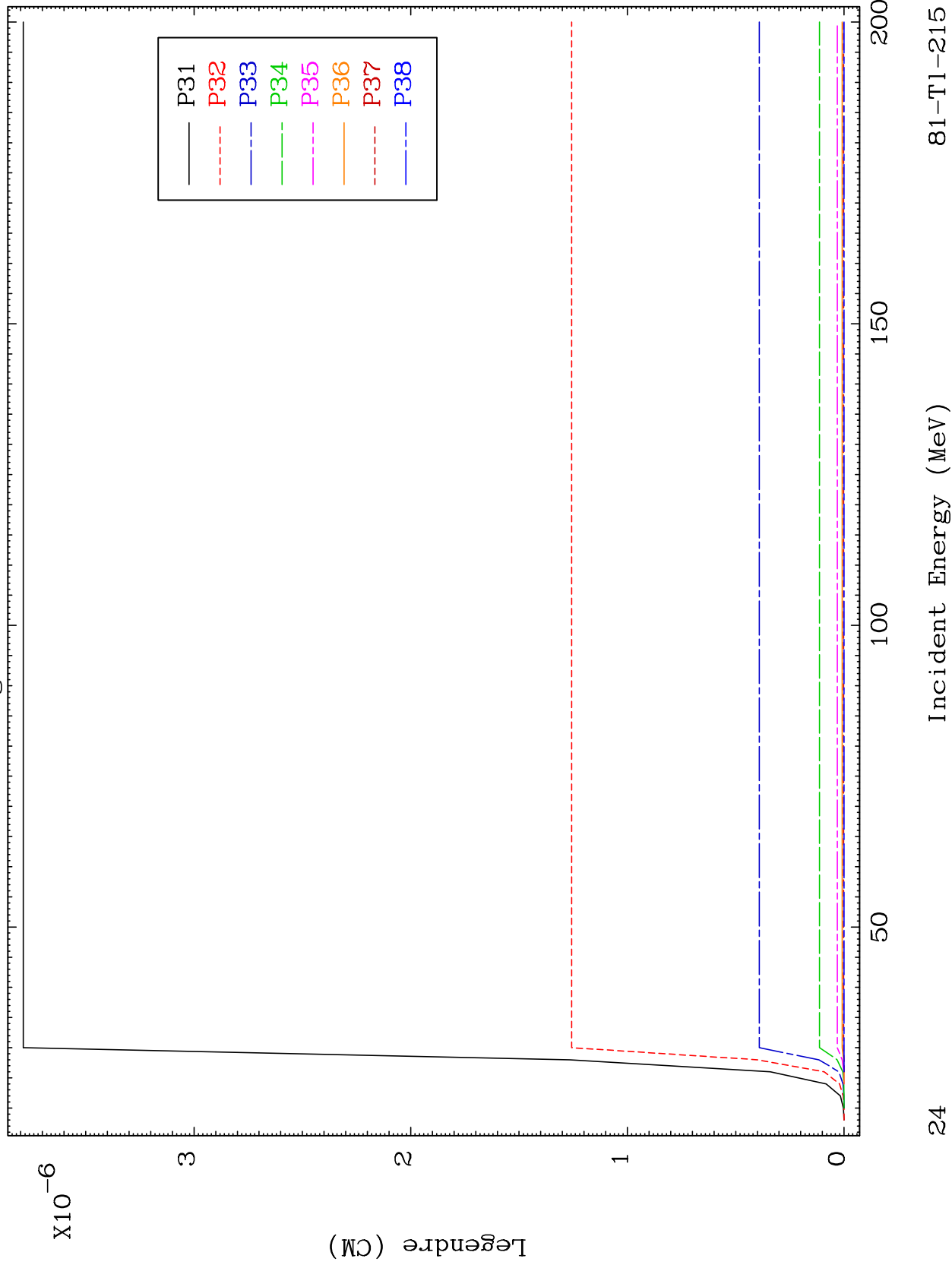




MAT 8161

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

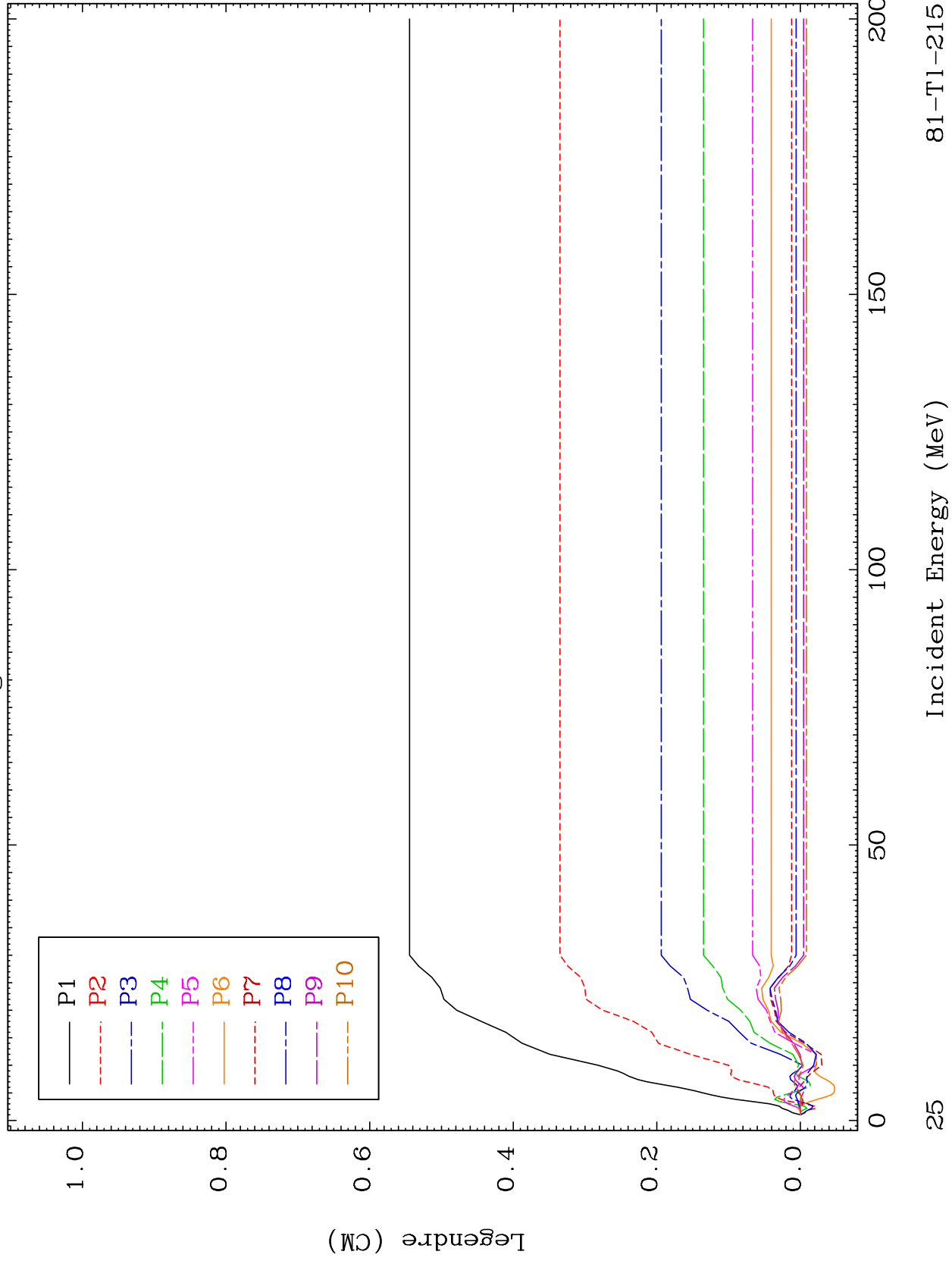
81-T1-215



MAT 8161

81-T1-215

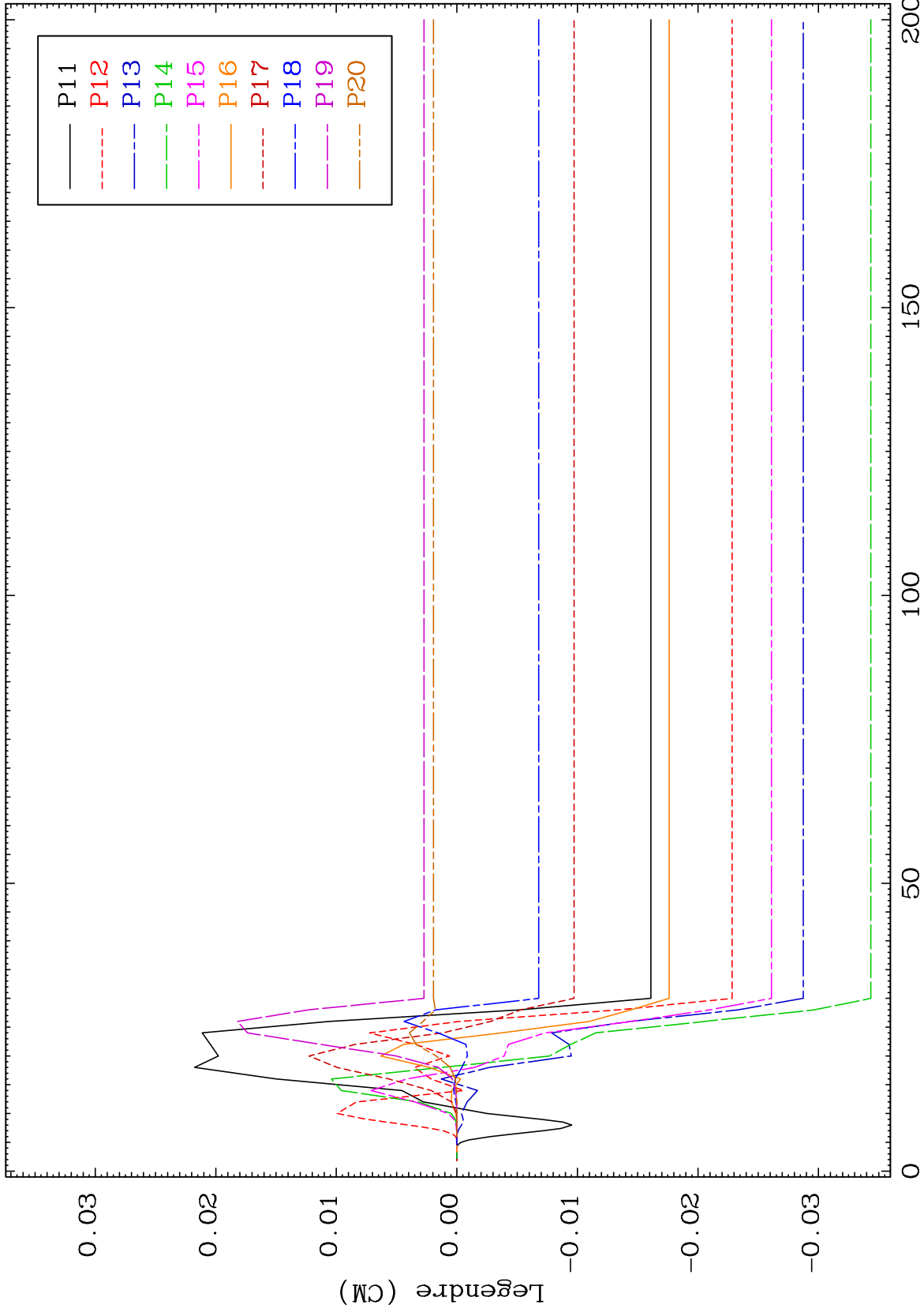
MT= 52 (n,n') Level  
Legendre Coefficients



MAT 8161

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

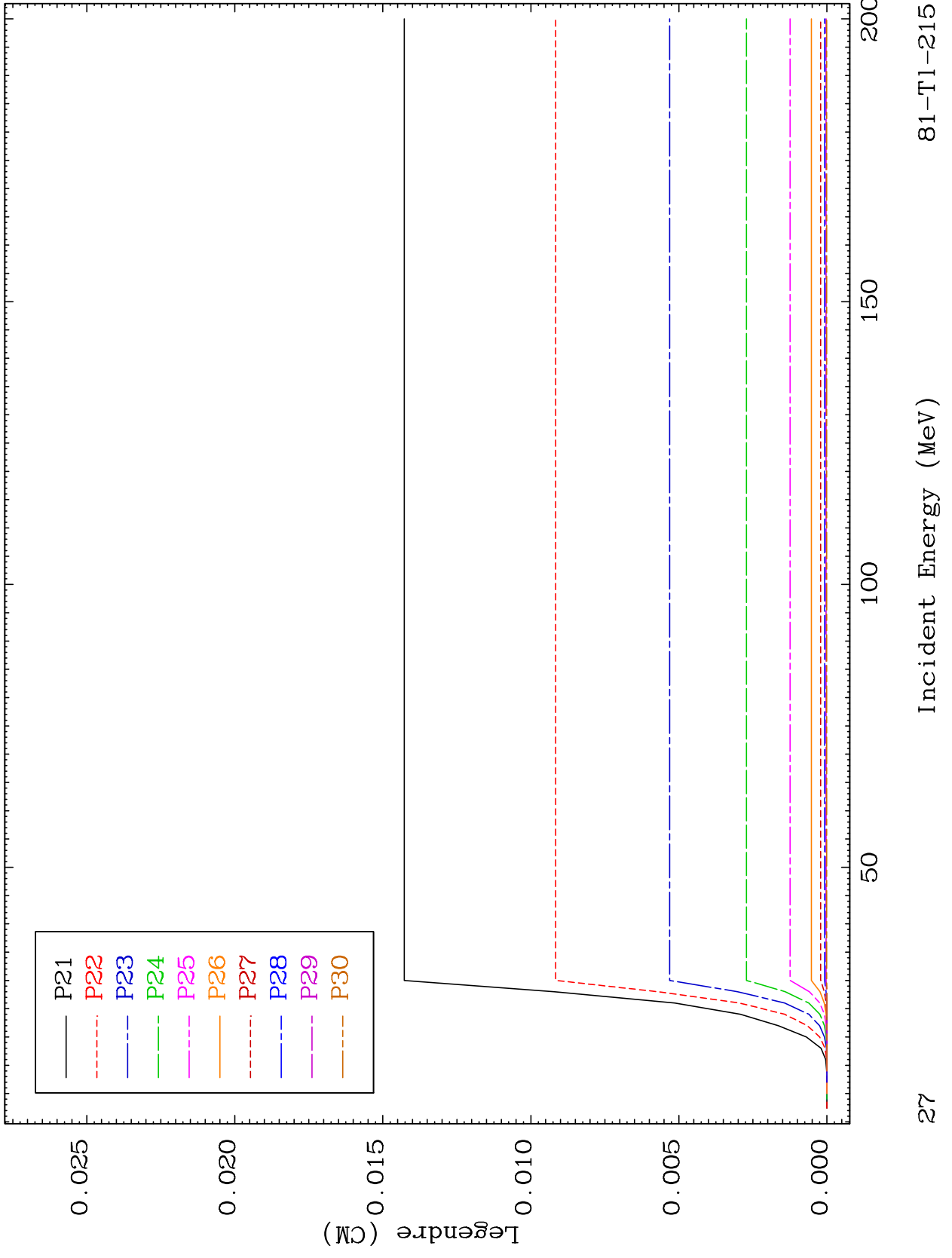
81-T1-215



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Incident Energy (MeV)

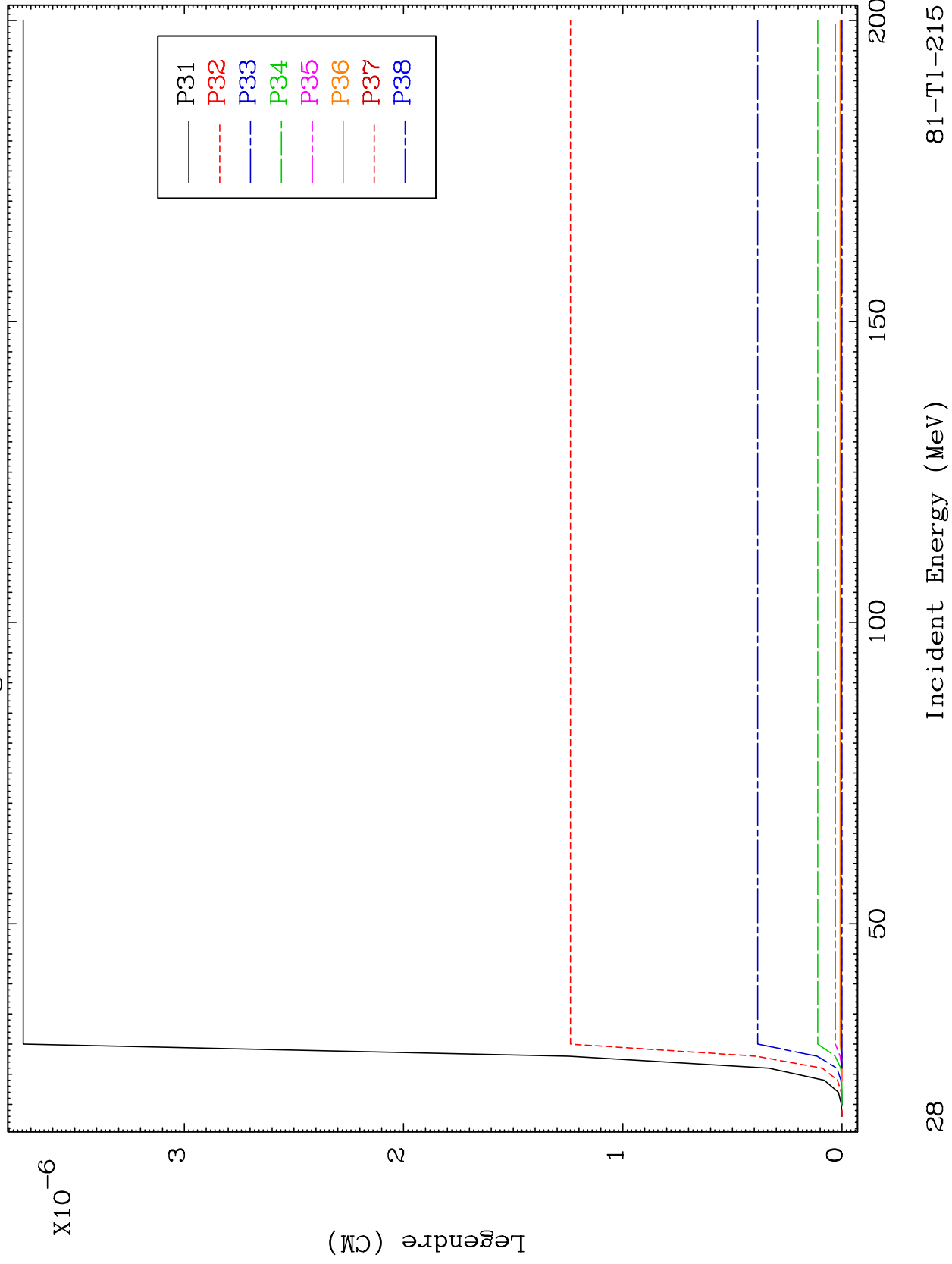
81-T1-215



MAT 8161

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

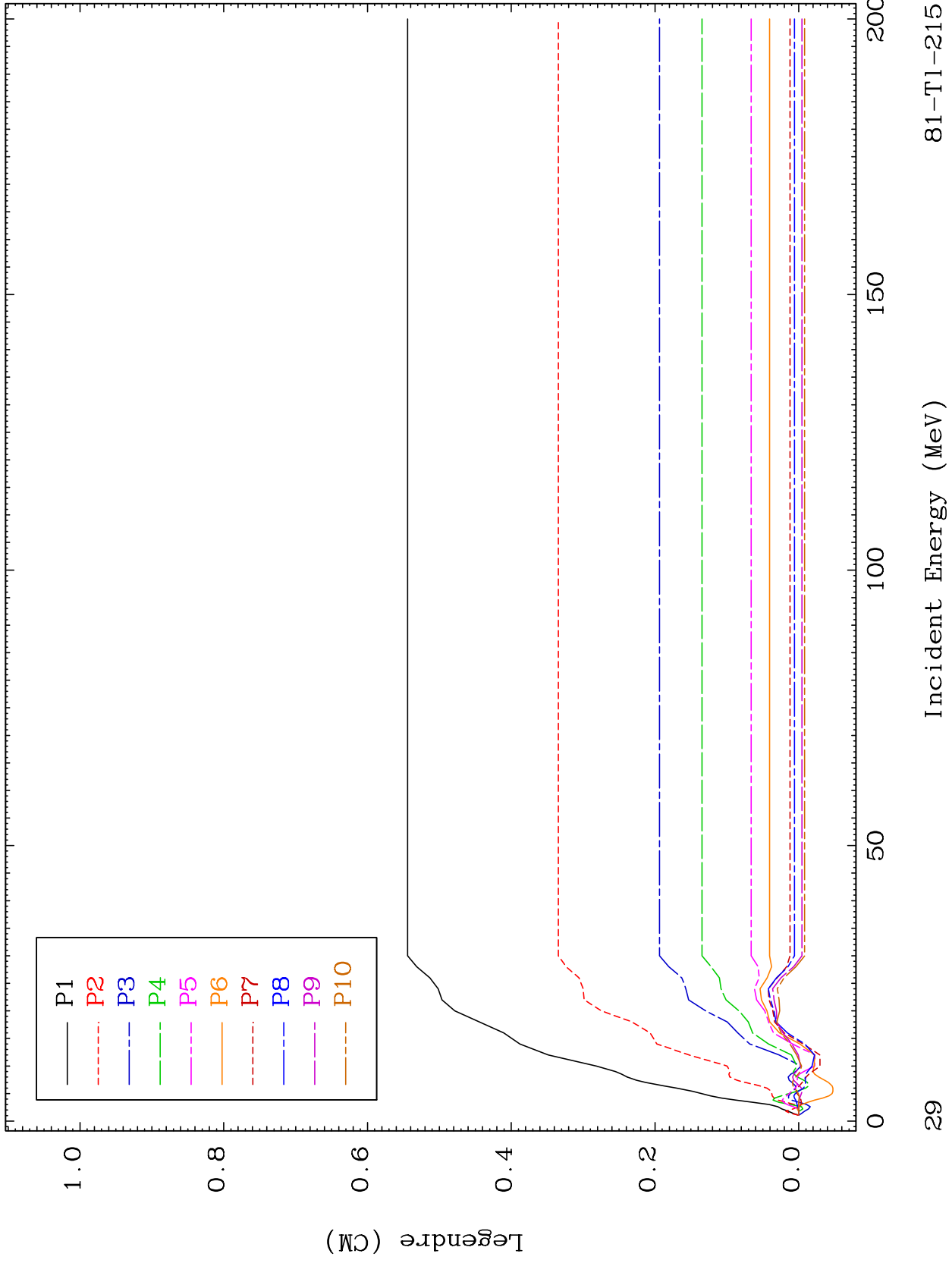
81-T1-215



MAT 8161

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

81-T1-215



29

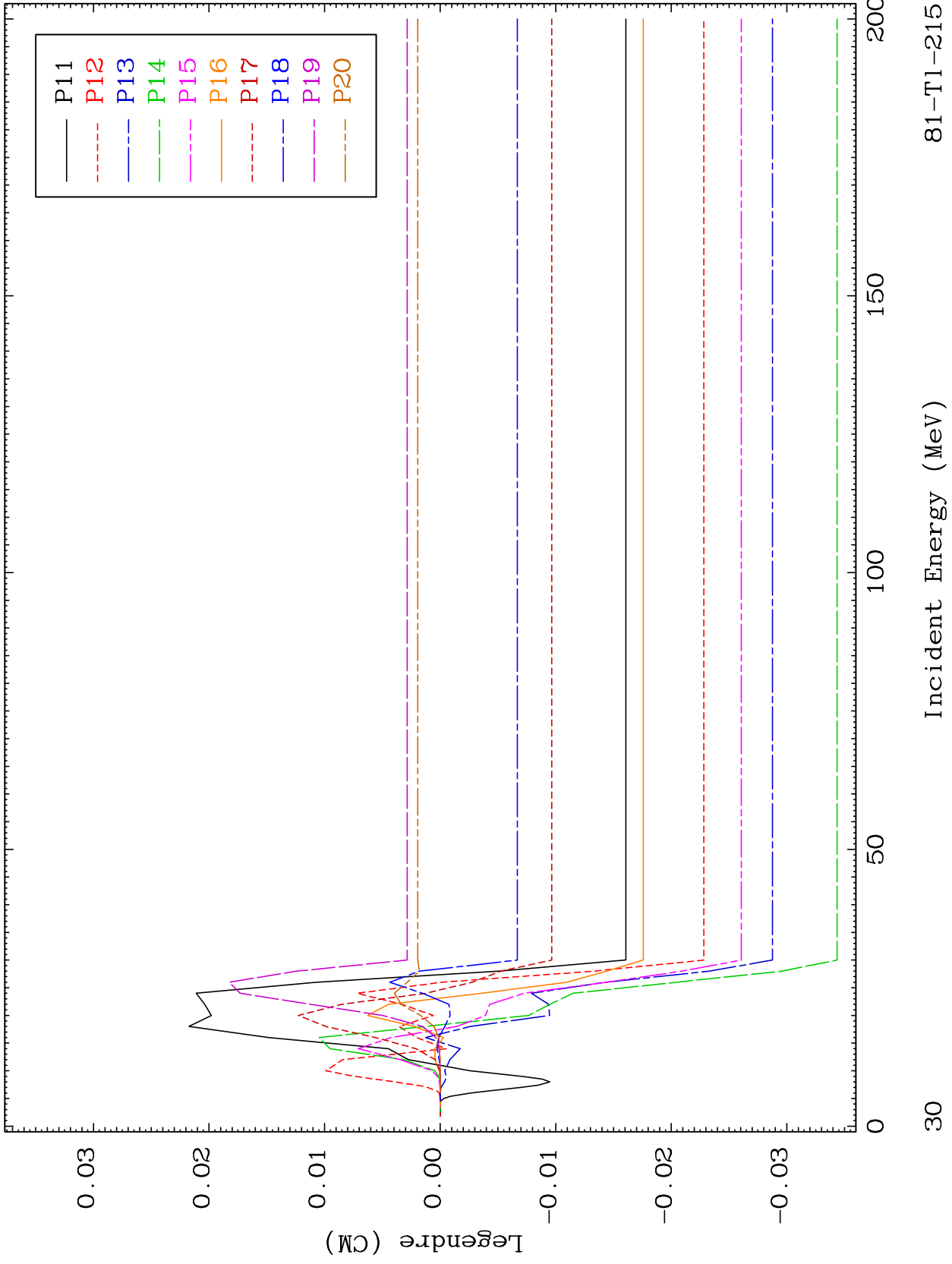
Incident Energy (MeV)

81-T1-215

MAT 8161

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

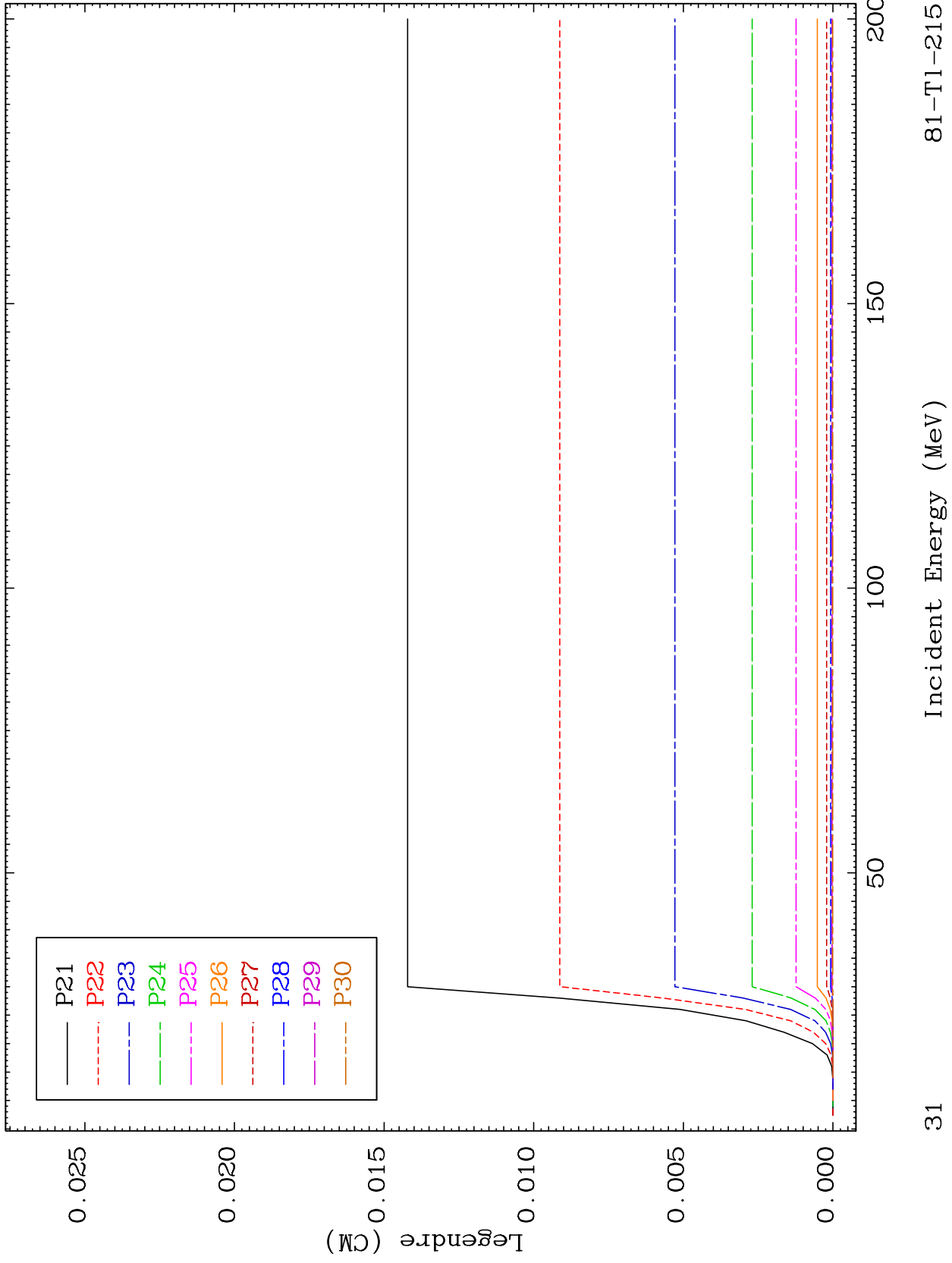
81-T1-215



81-T1-215

Incident Energy (MeV)

30

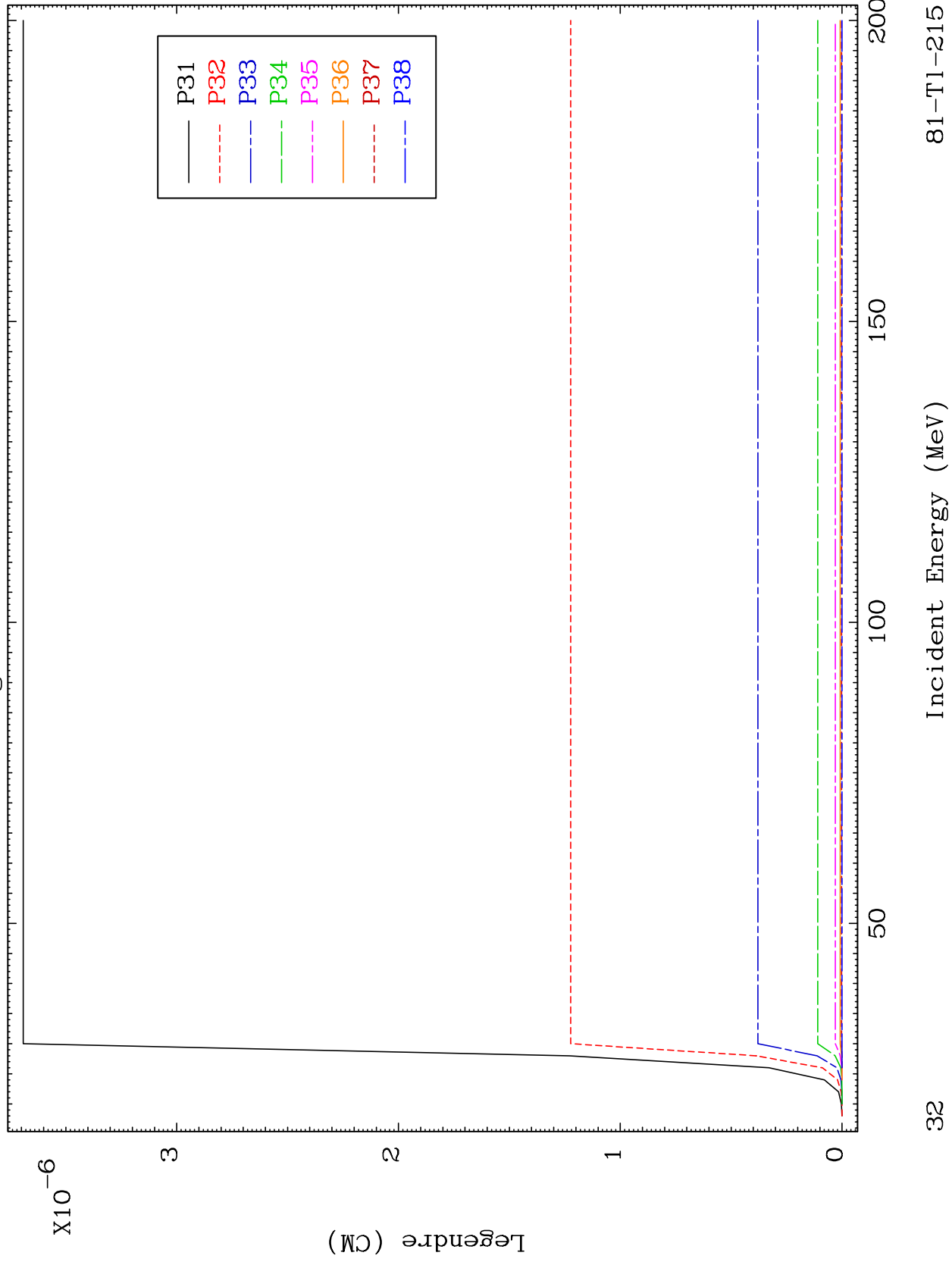




MAT 8161

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

81-T1-215



32

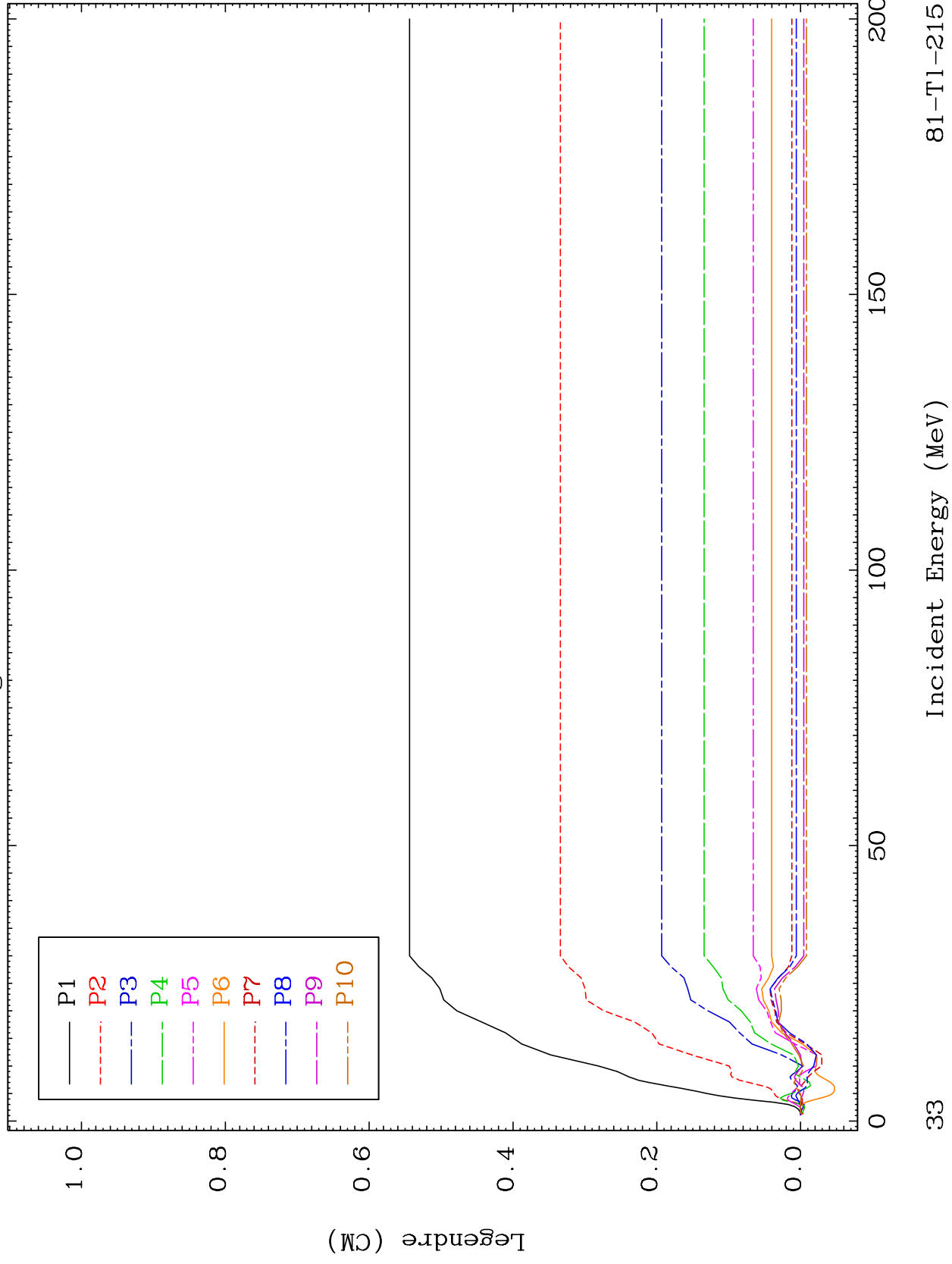
Incident Energy (MeV)

81-T1-215

MAT 8161

81-T1-215

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



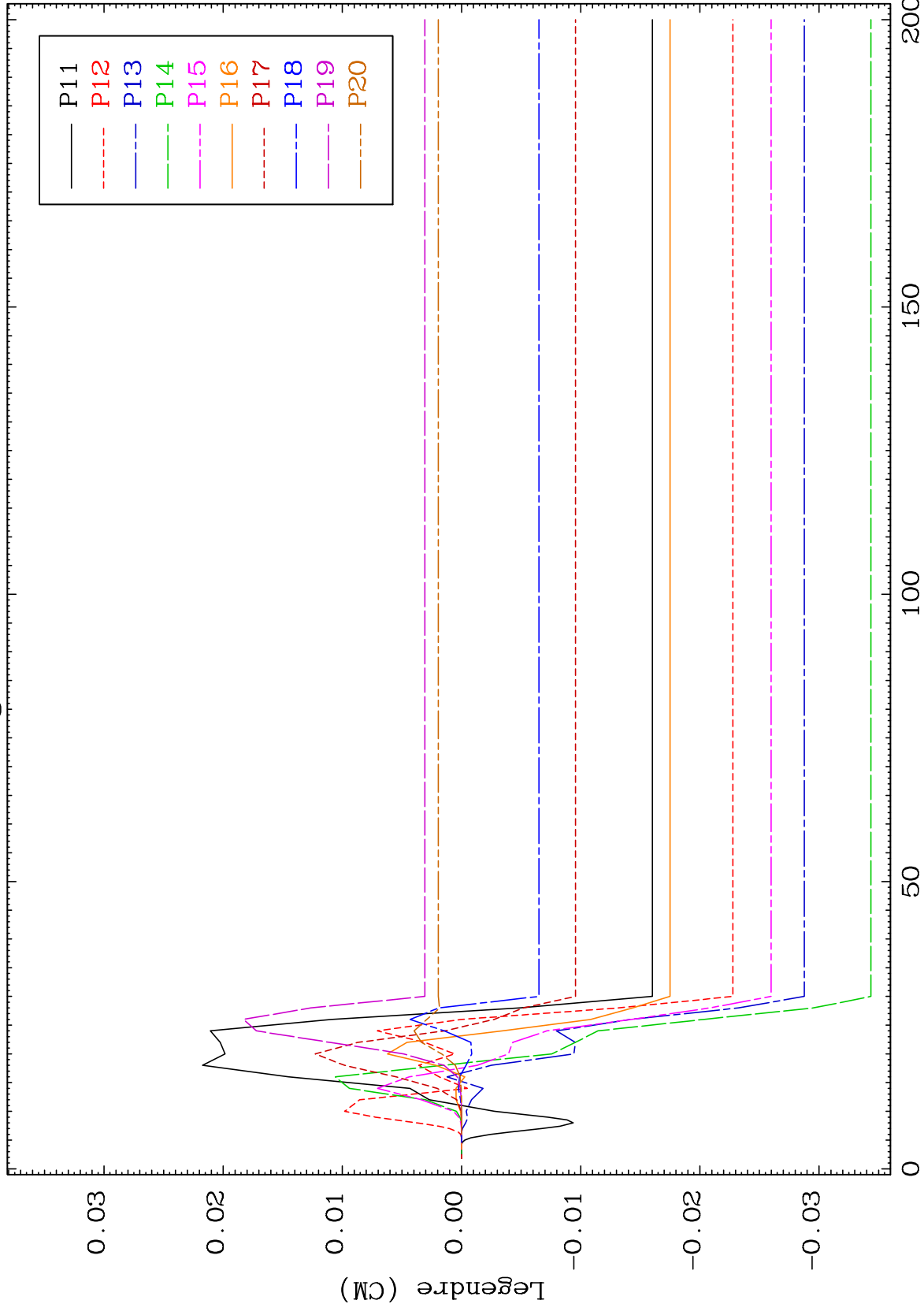
33

81-T1-215

MAT 8161

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

81-T1-215



34

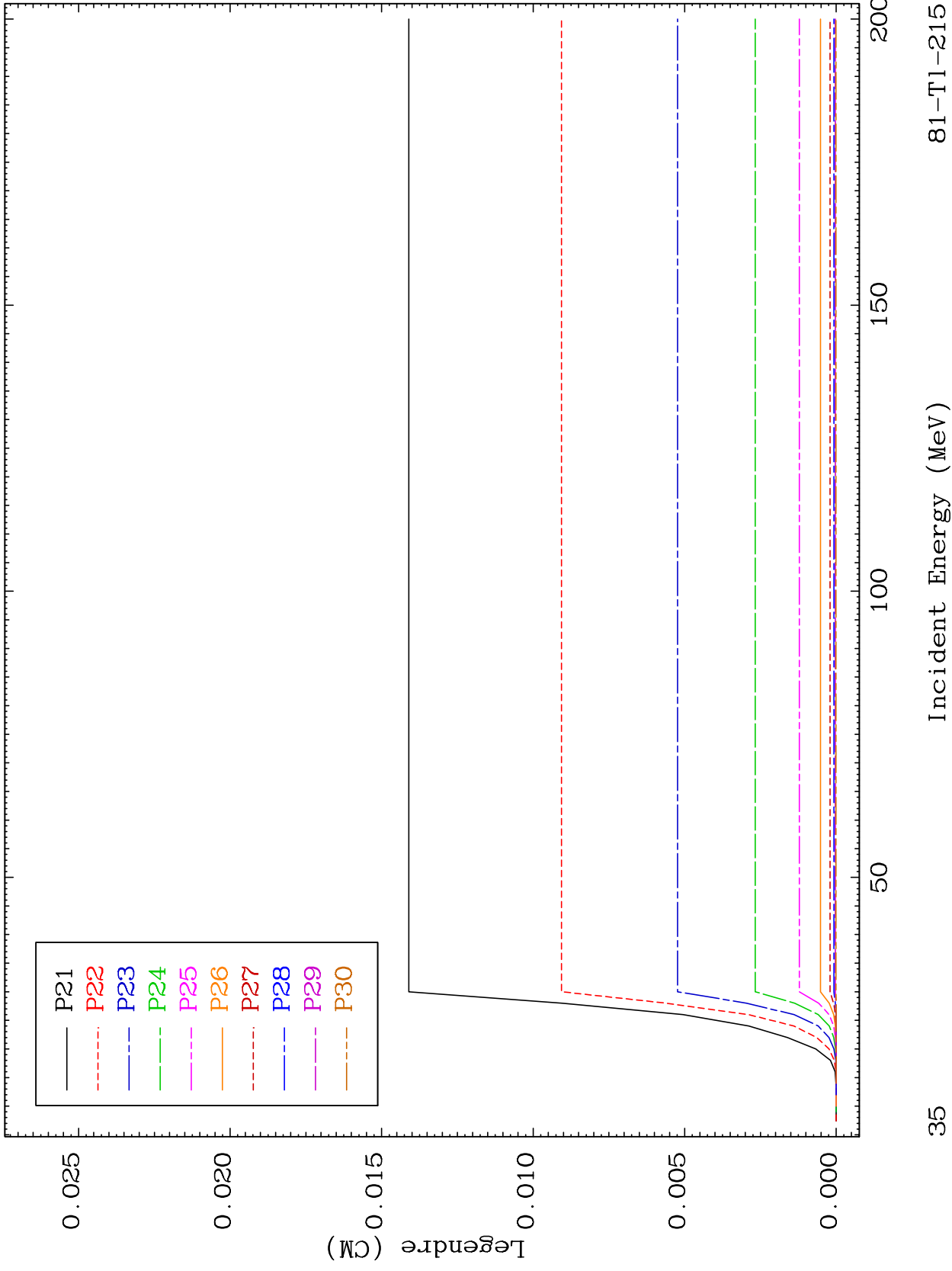
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-Tl-215



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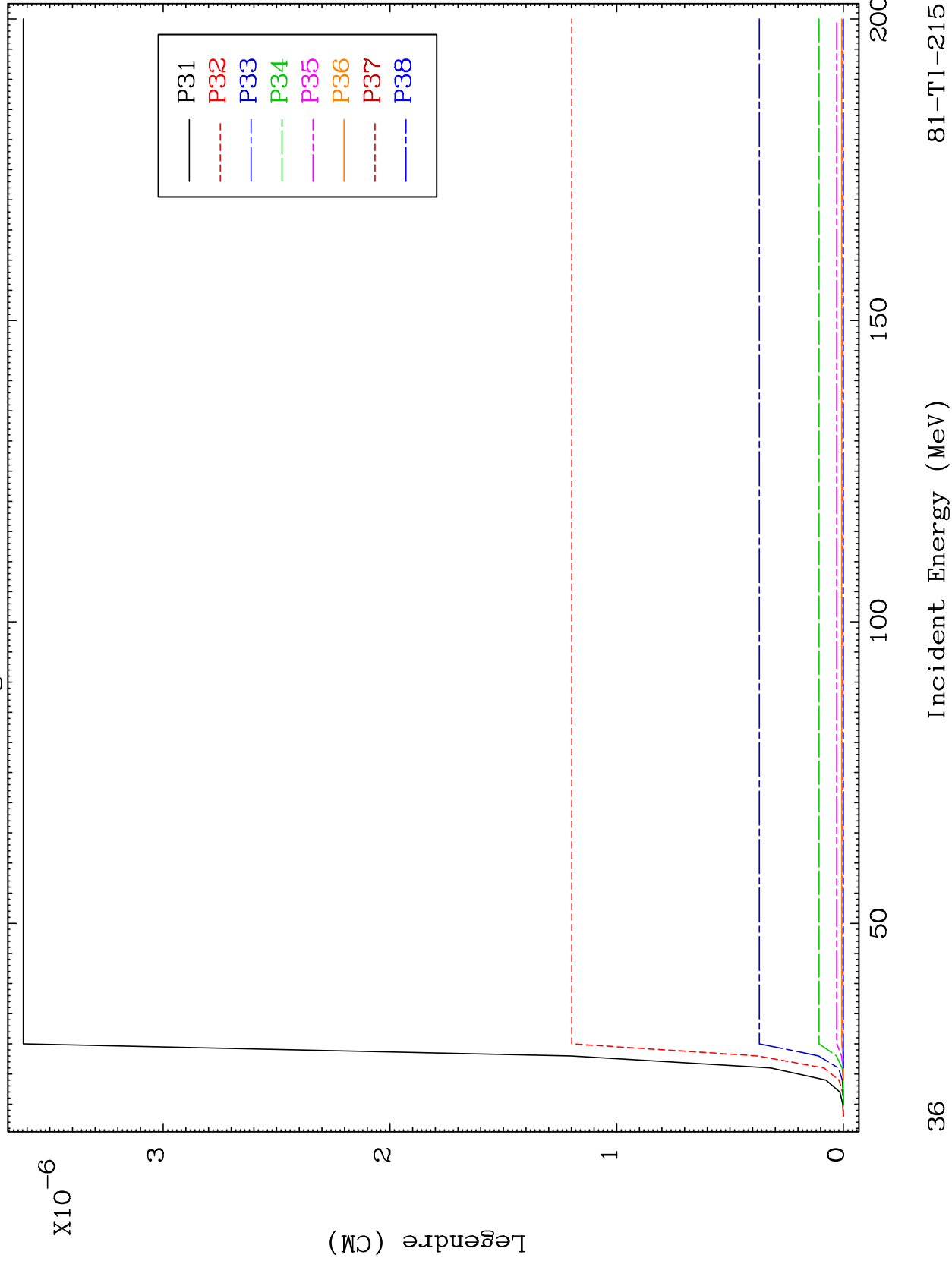
Incident Energy (MeV)

81-Tl-215

MAT 8161

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

81-T1-215



36

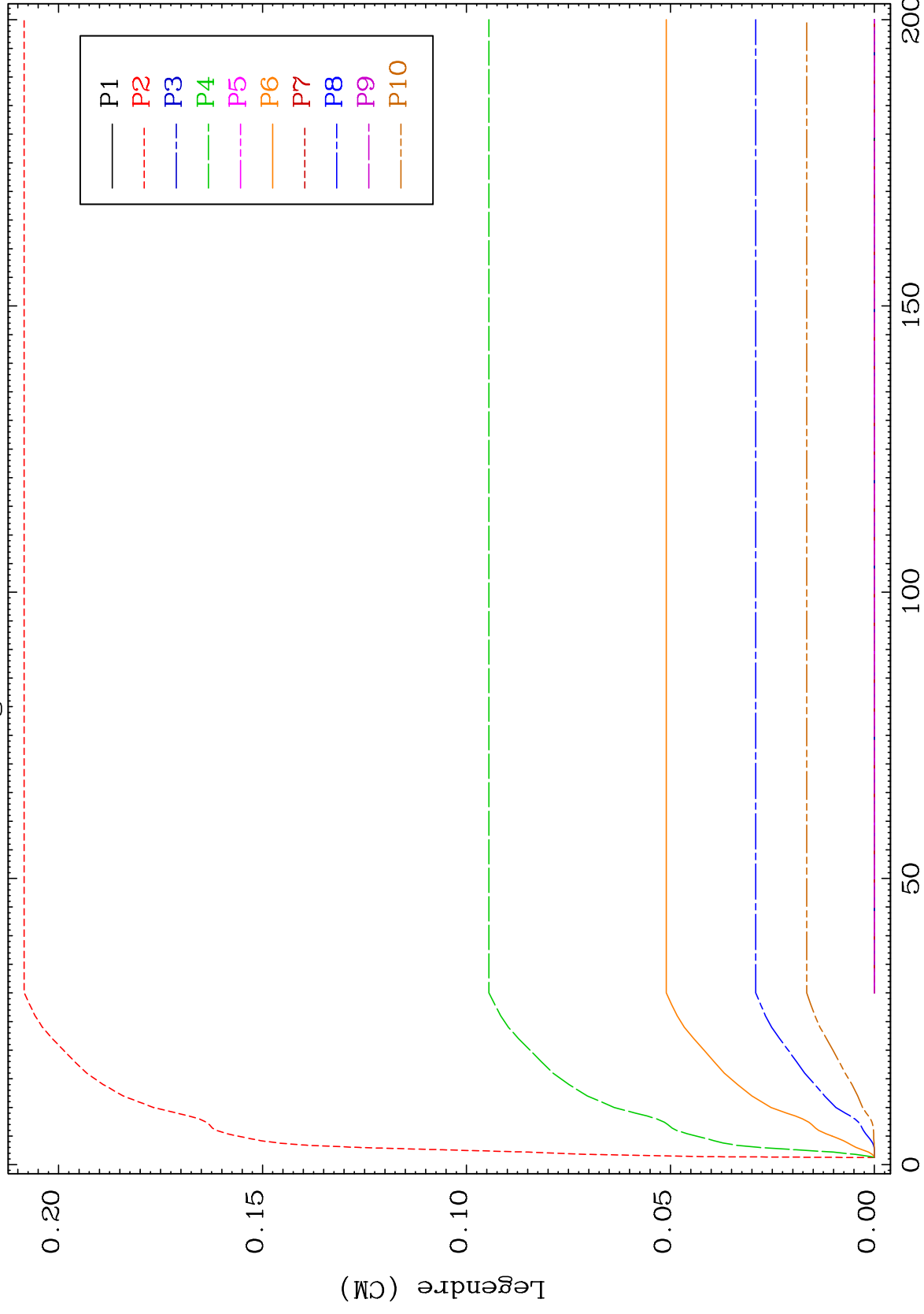
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-T1-215



37

Incident Energy (MeV)

81-T1-215



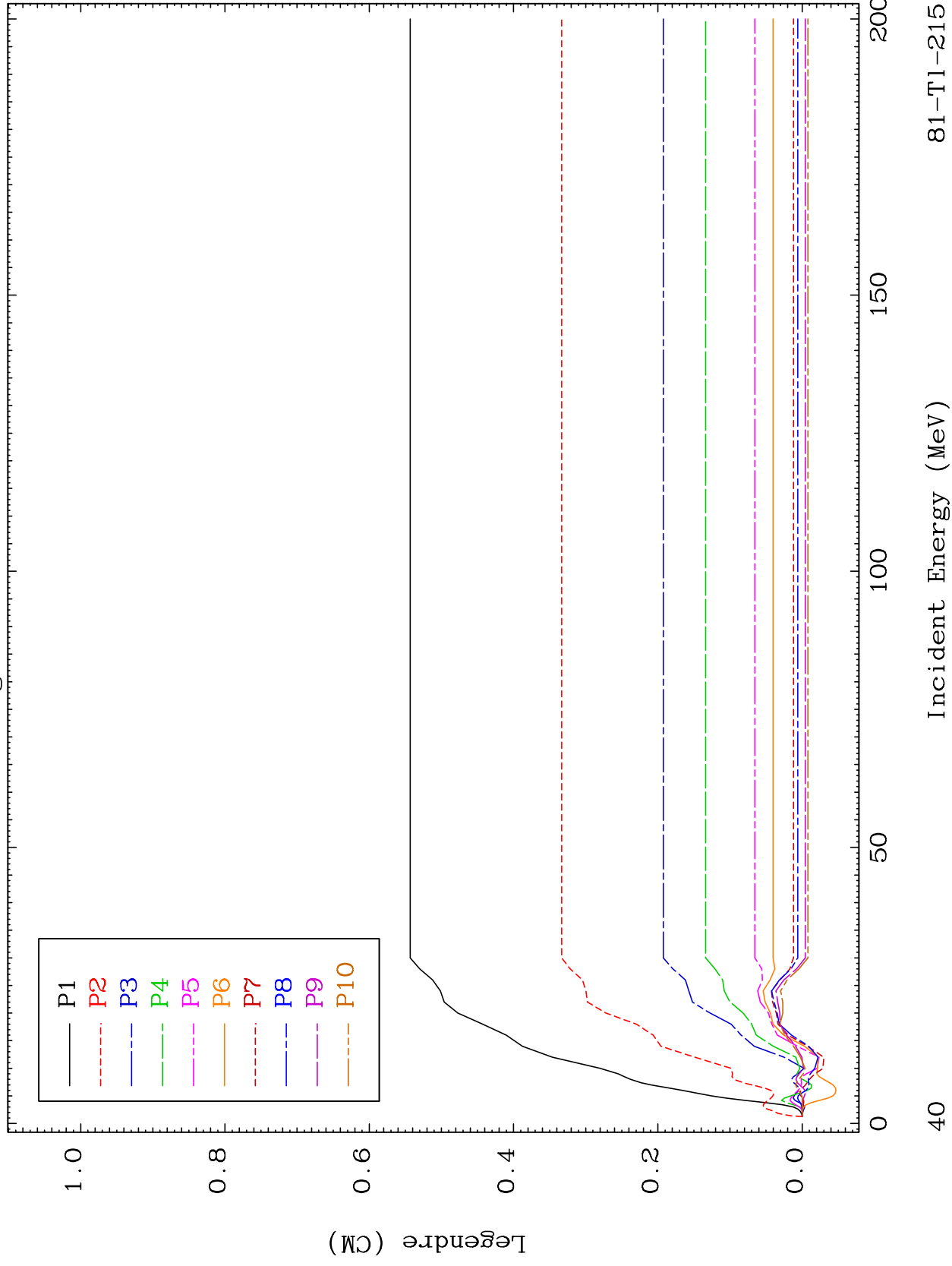




MAT 8161

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

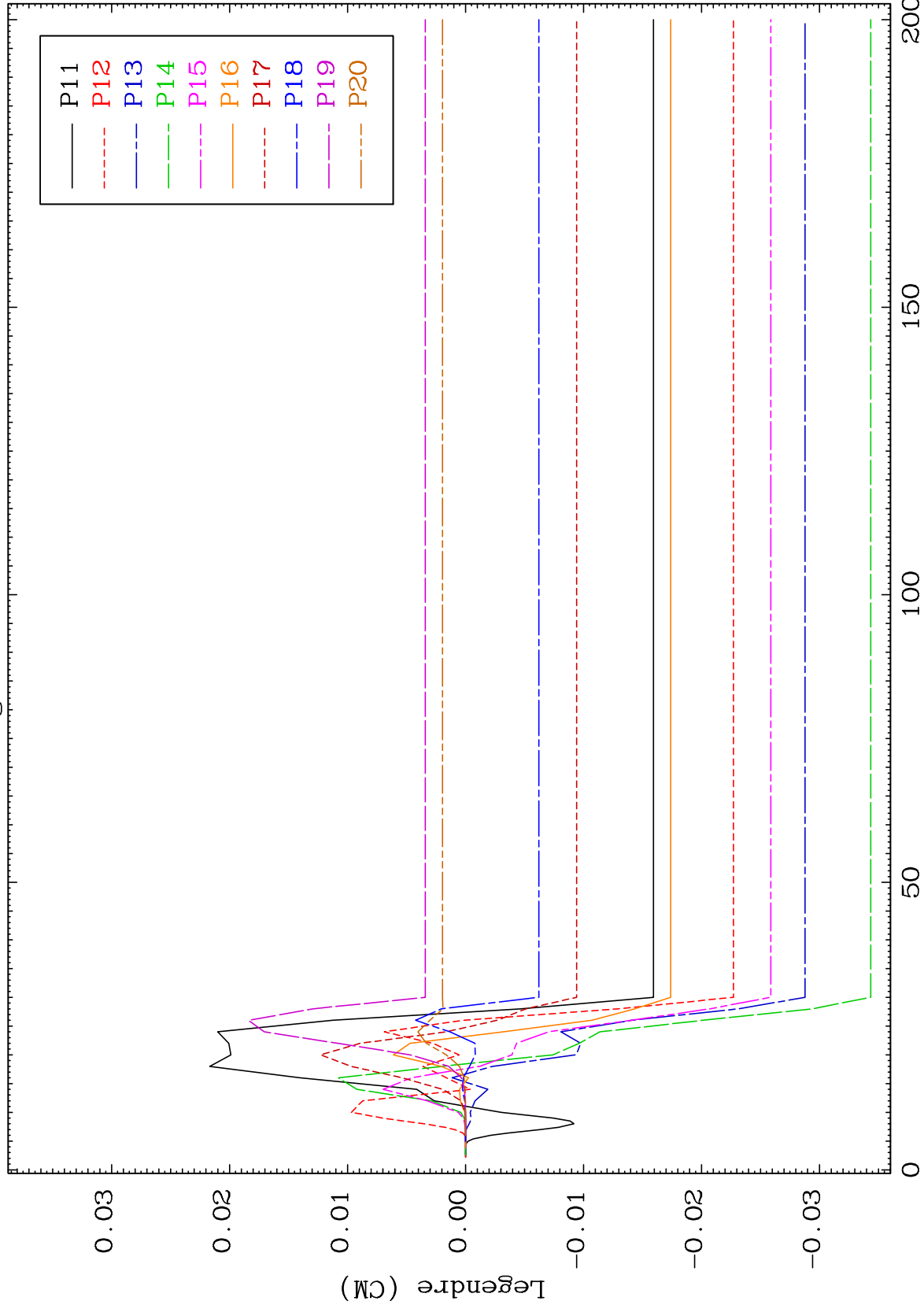
81-T1-215



MAT 8161

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

81-T1-215



41

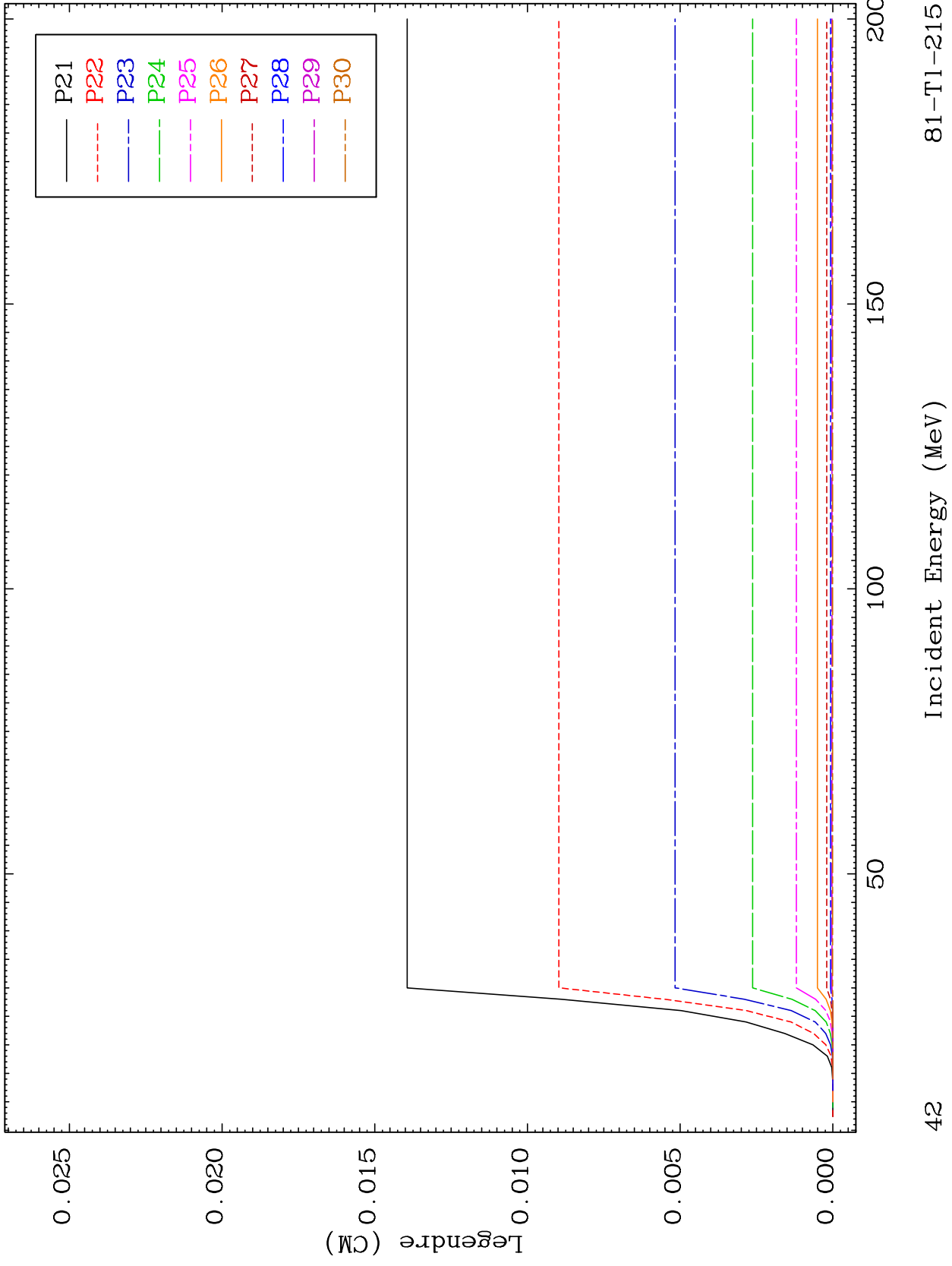
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-Tl-215



42

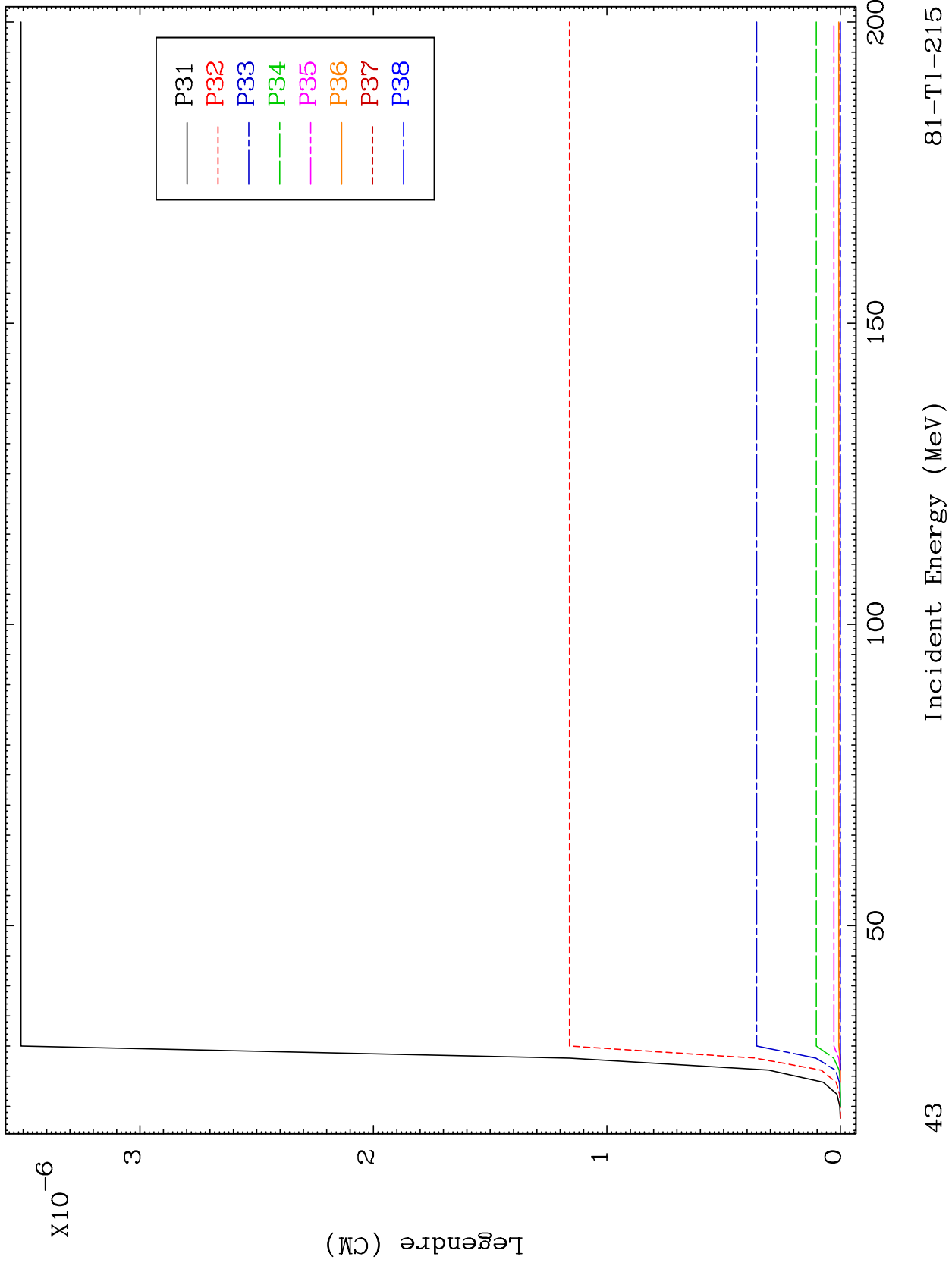
Incident Energy (MeV)

81-Tl-215

MAT 8161

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

81-T1-215



43

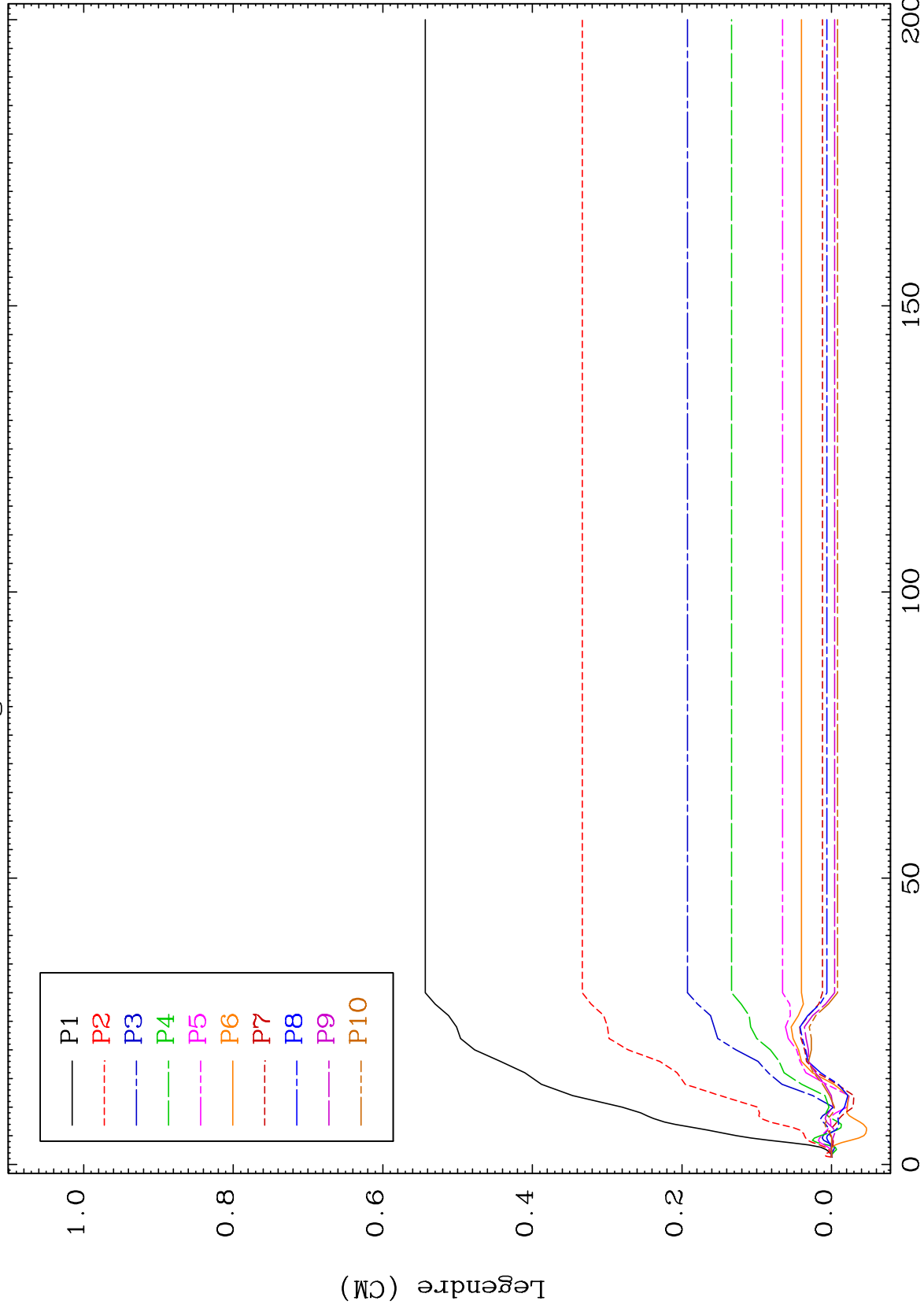
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-T1-215



44

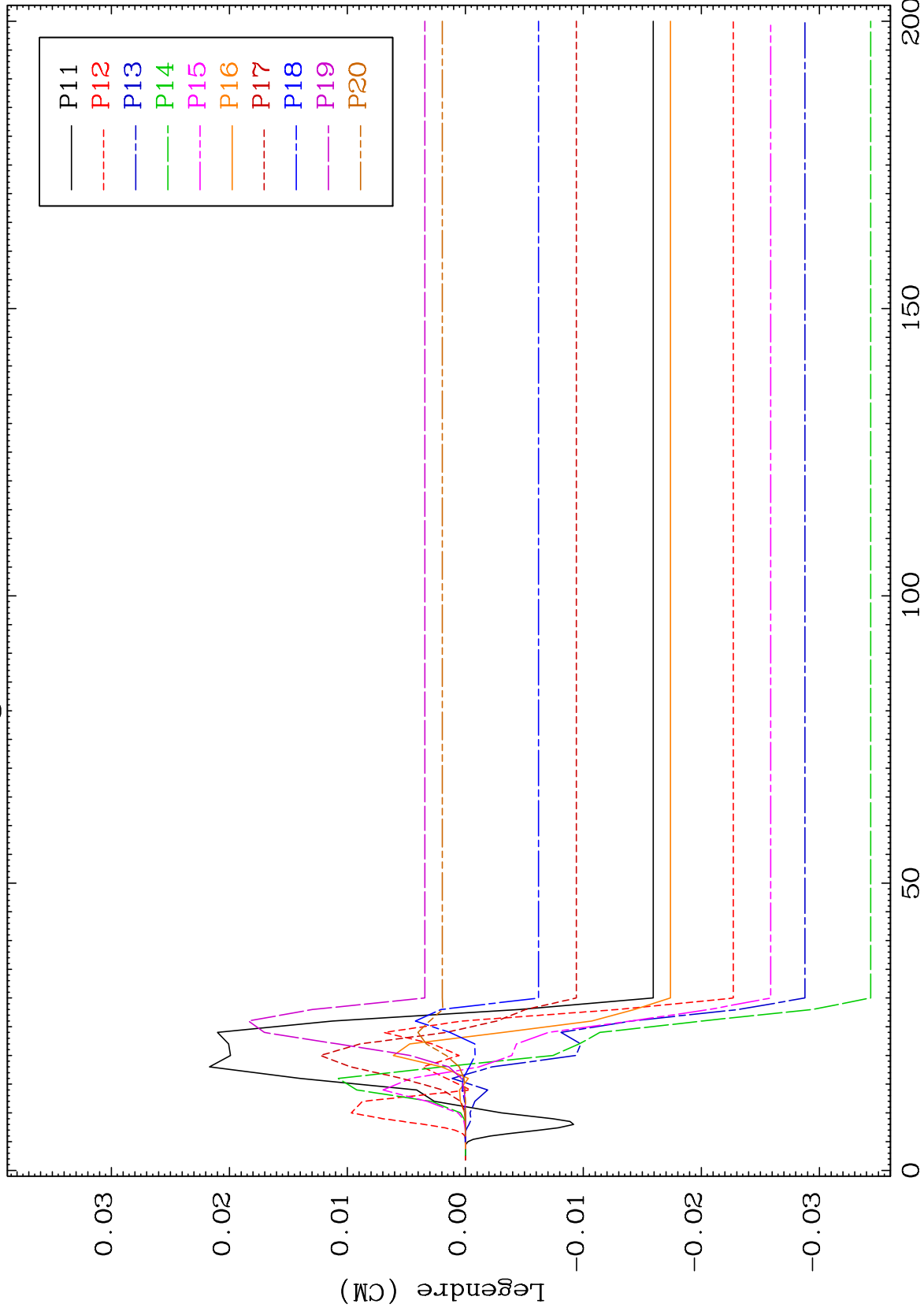
Incident Energy (MeV)

81-T1-215

MAT 8161

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

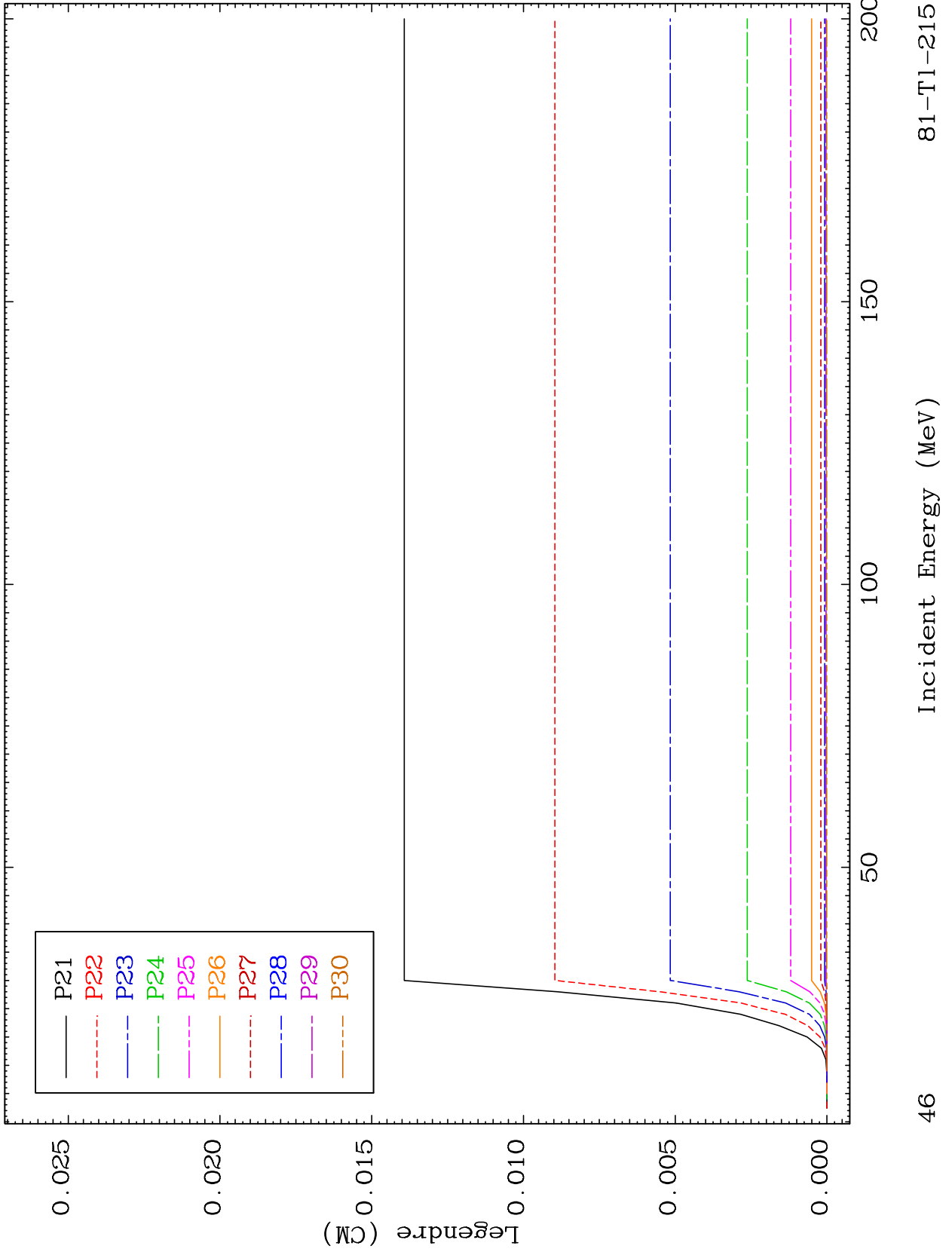
81-T1-215



45

Incident Energy (MeV)

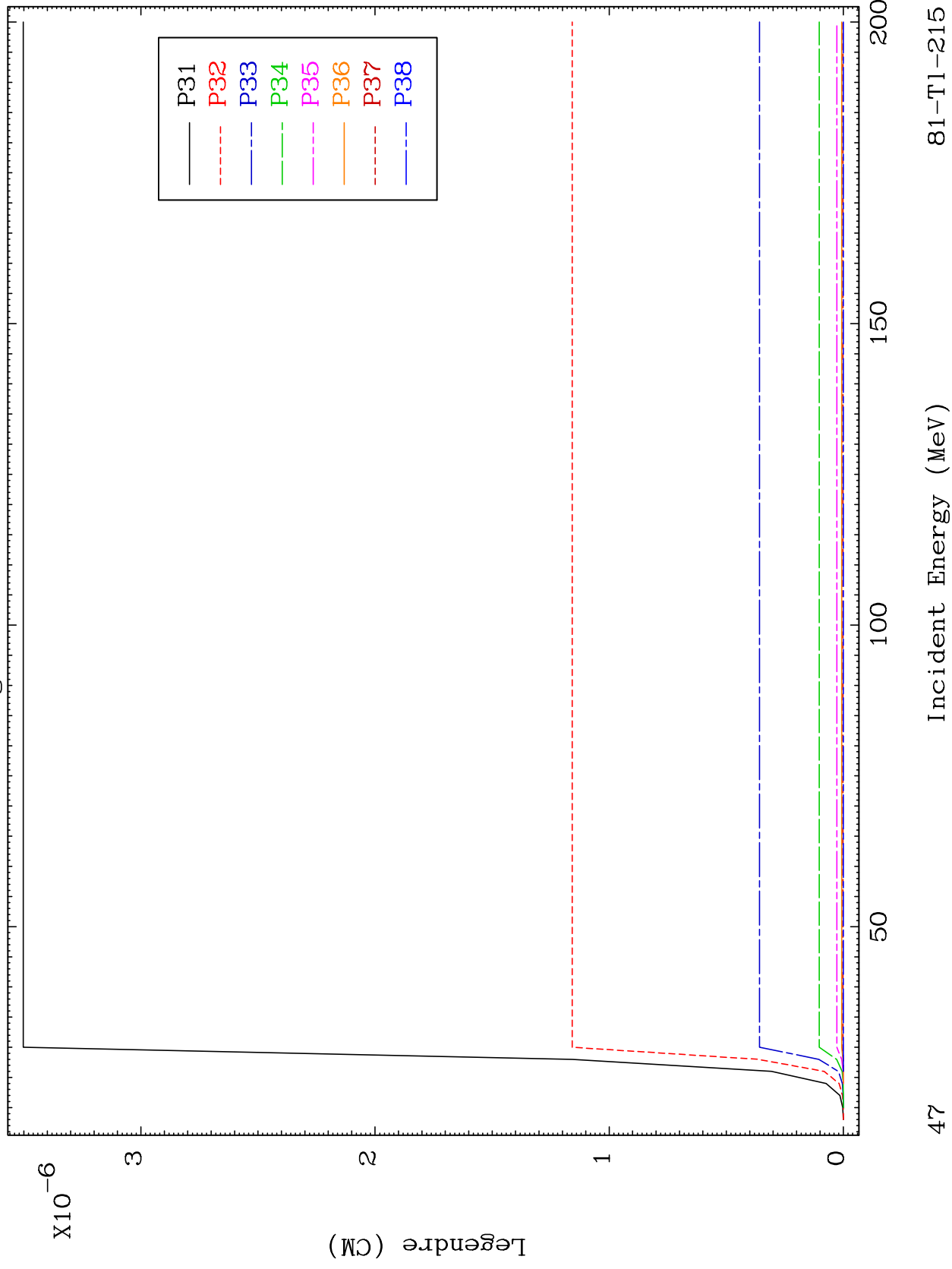
81-T1-215



MAT 8161

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

81-T1-215



47

Incident Energy (MeV)

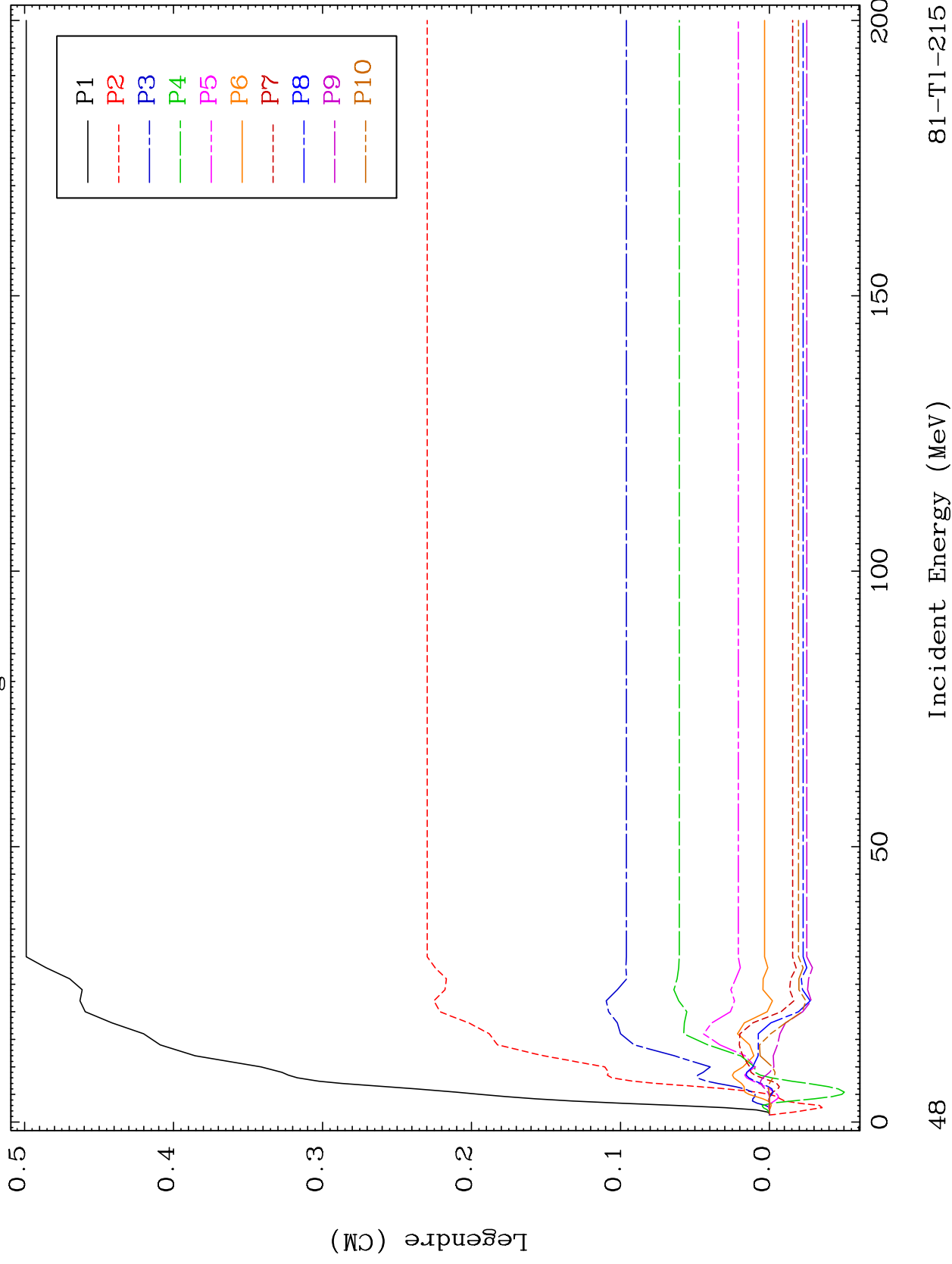
81-T1-215



MAT 8161

MT= 58 (n,n') Level  
Legendre Coefficients

81-T1-215



48

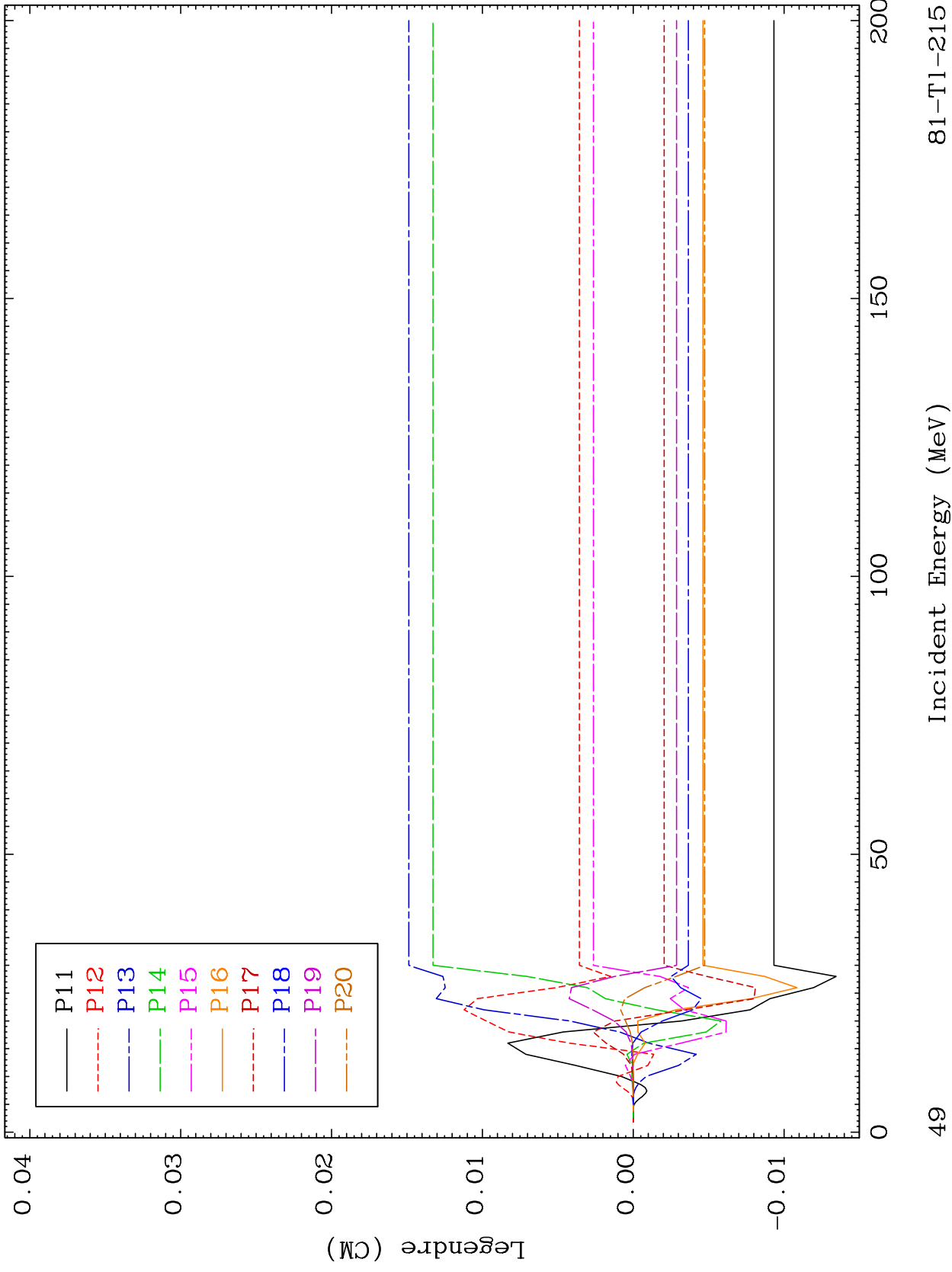
Incident Energy (MeV)

81-T1-215

MAT 8161

MT= 58 (n,n') Level  
Legendre Coefficients

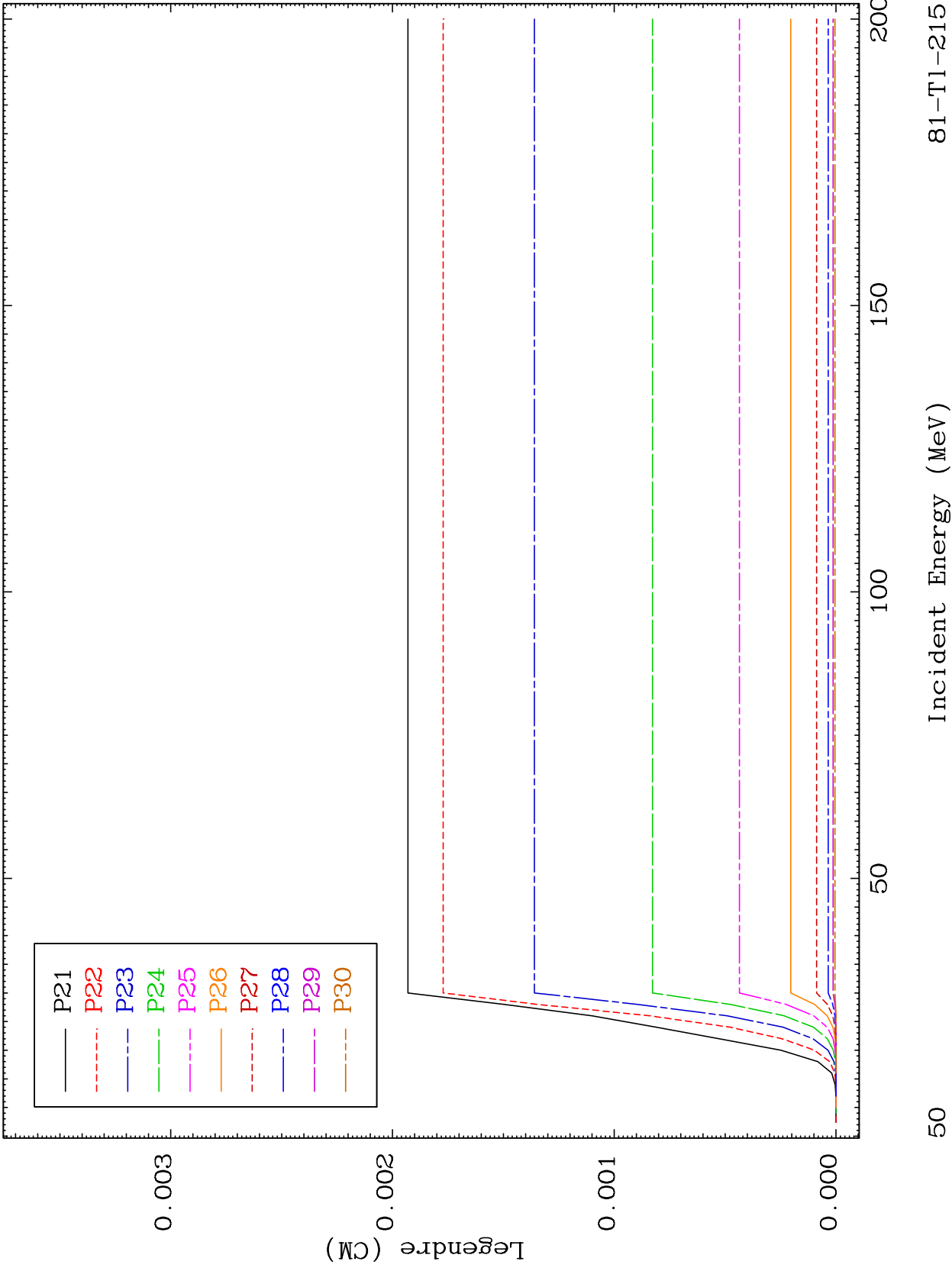
81-T1-215



MAT 8161

MT= 58 (n,n') Level  
Legendre Coefficients

81-T1-215



81-T1-215

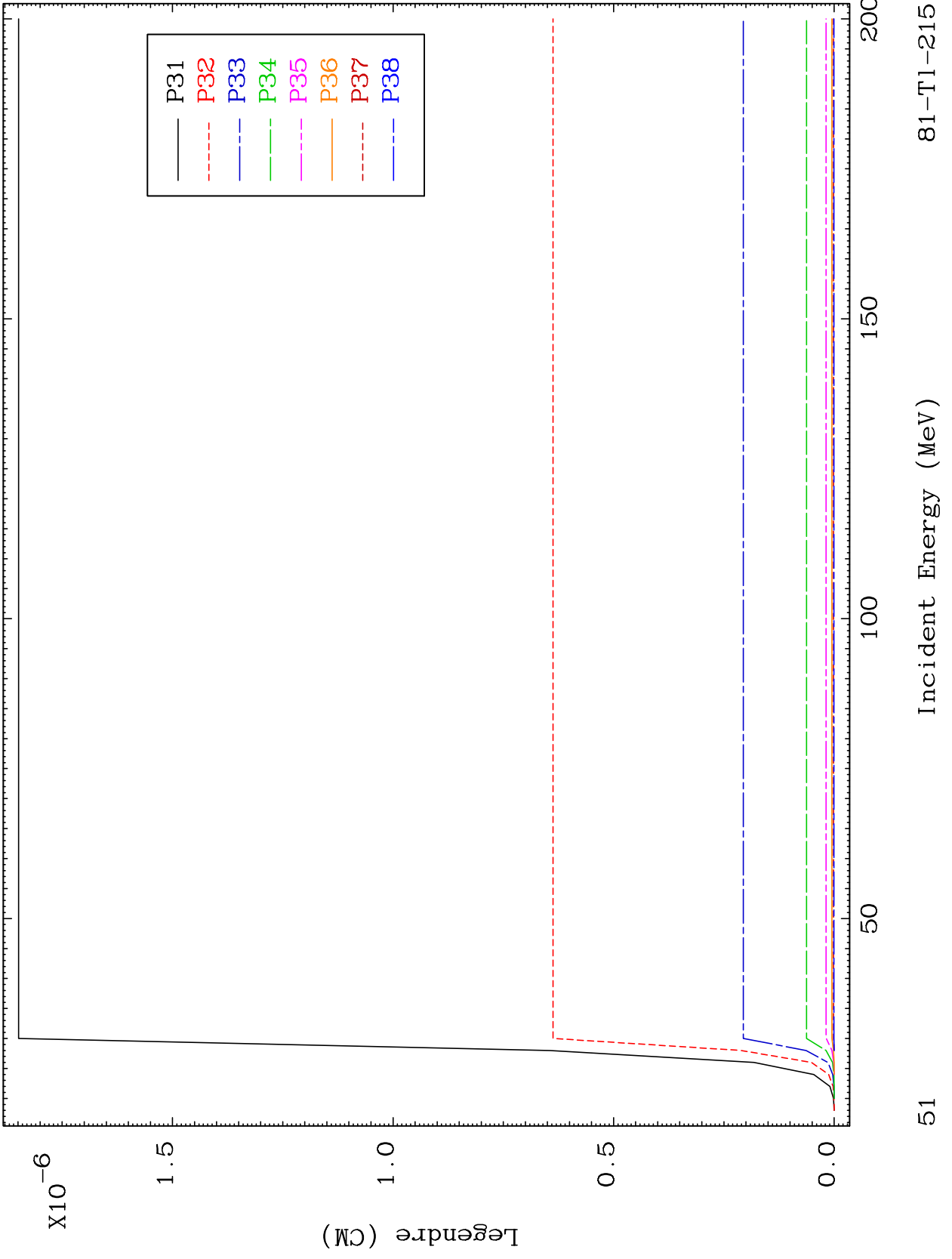
Incident Energy (MeV)

50

MAT 8161

MT= 58 (n,n') Level  
Legendre Coefficients

81-T1-215

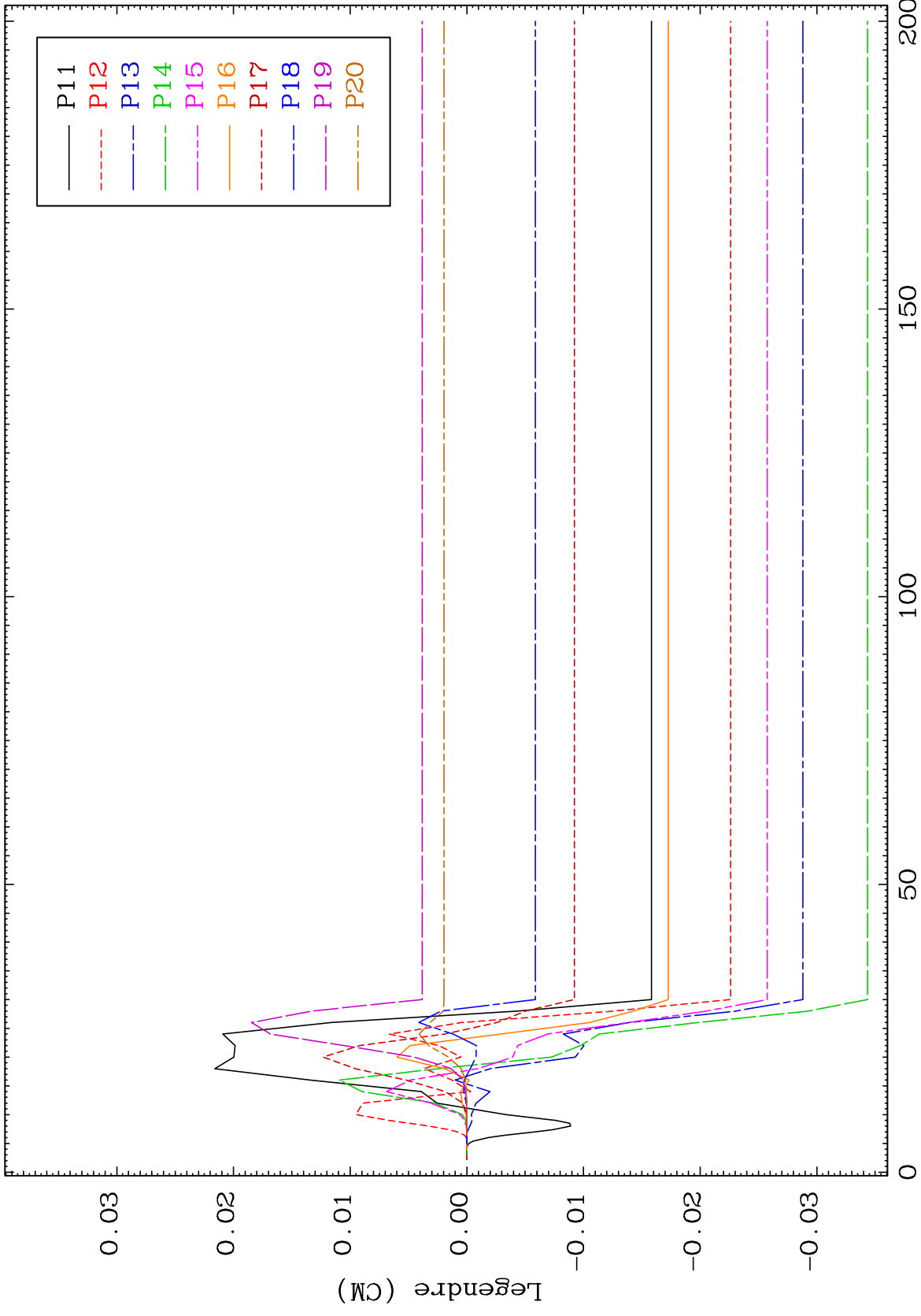




MAT 8161

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

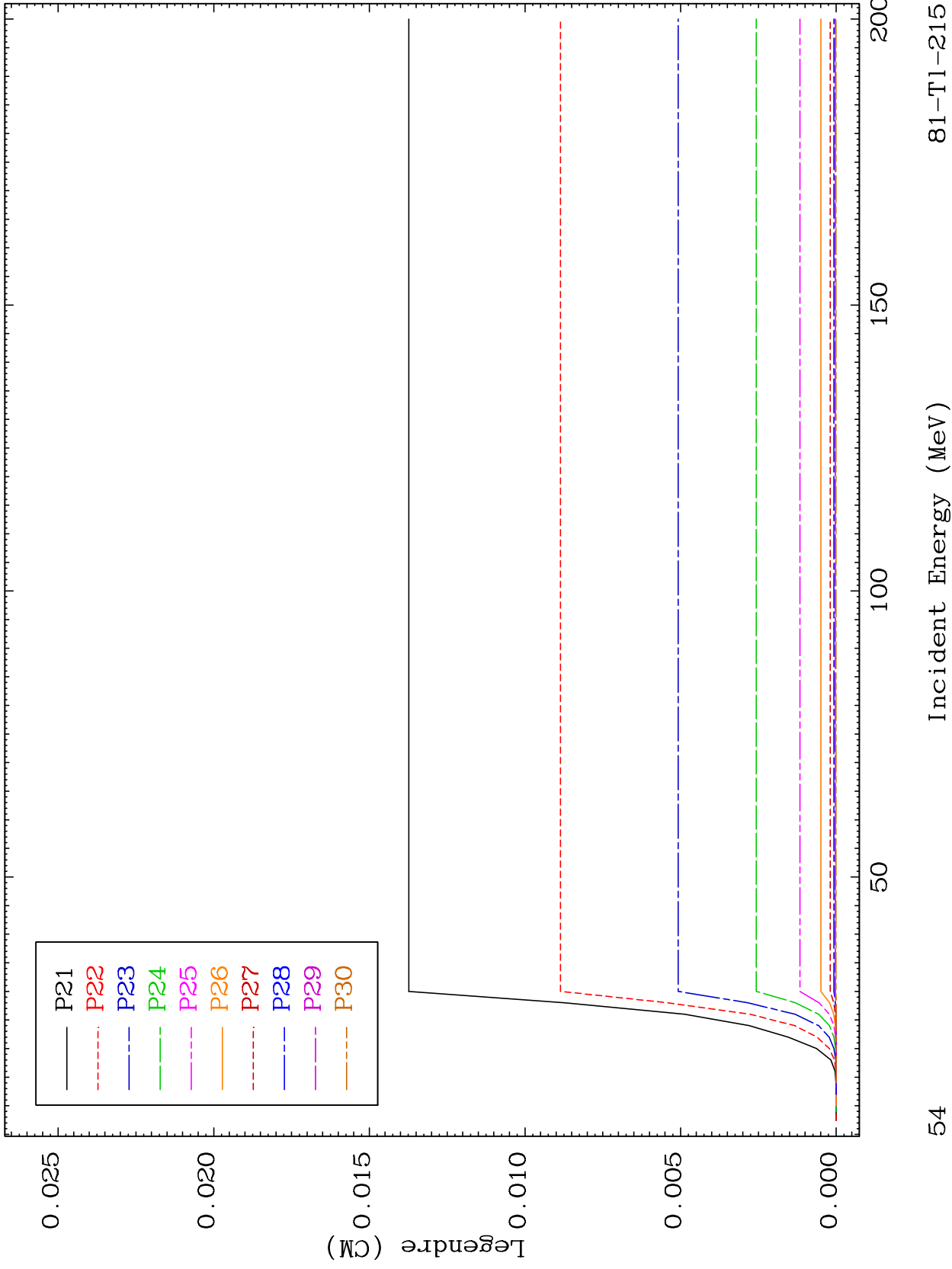
81-T1-215



53

Incident Energy (MeV)

81-T1-215



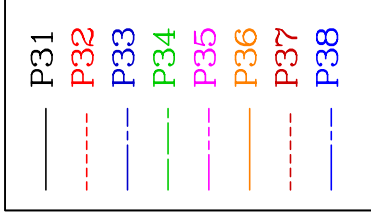
MAT 8161

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

81-T1-215

$\times 10^{-6}$   
3

Legendre (CM)



0

50

100

150

200

55

Incident Energy (MeV)

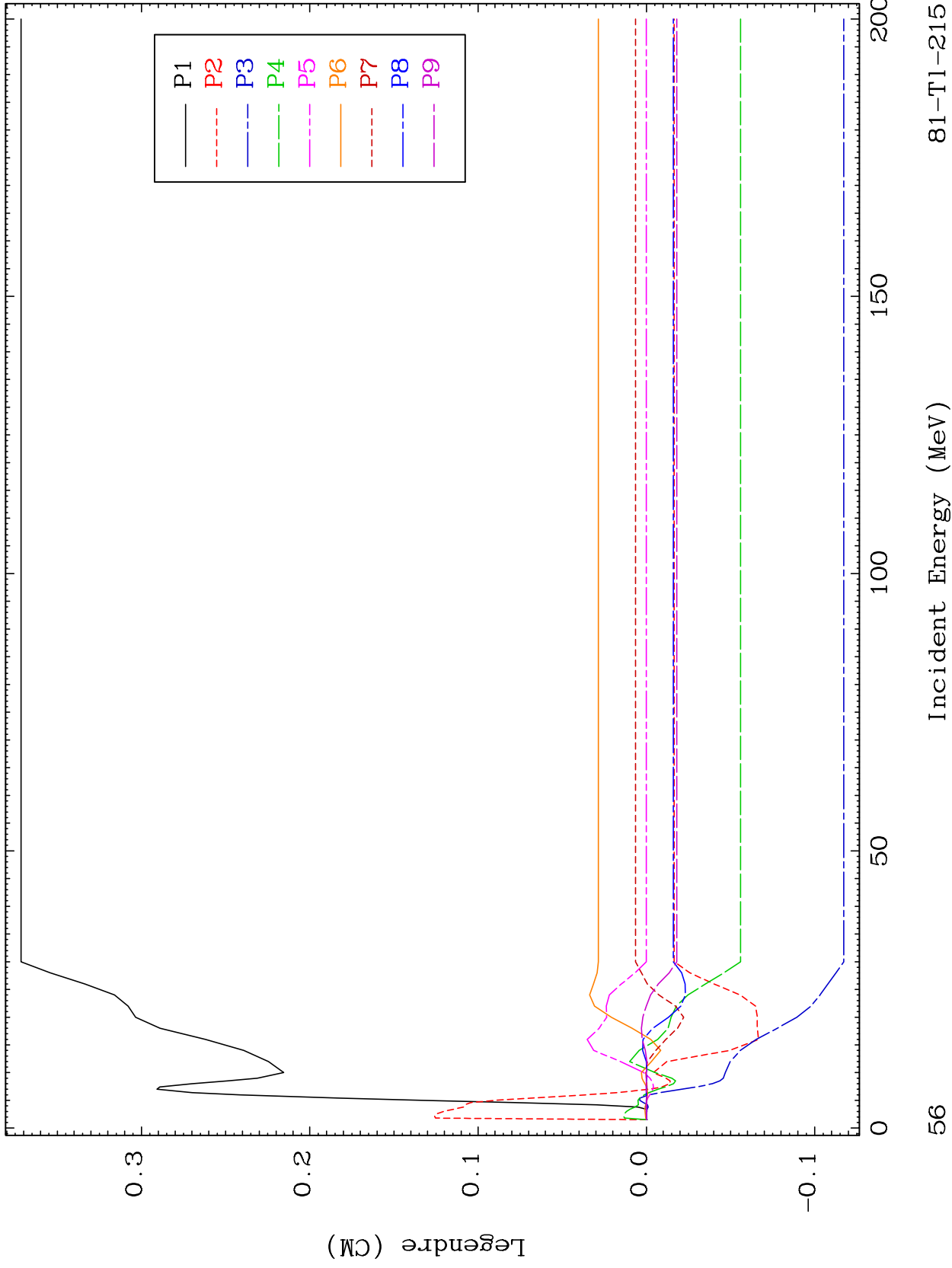
81-T1-215



MAT 8161

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

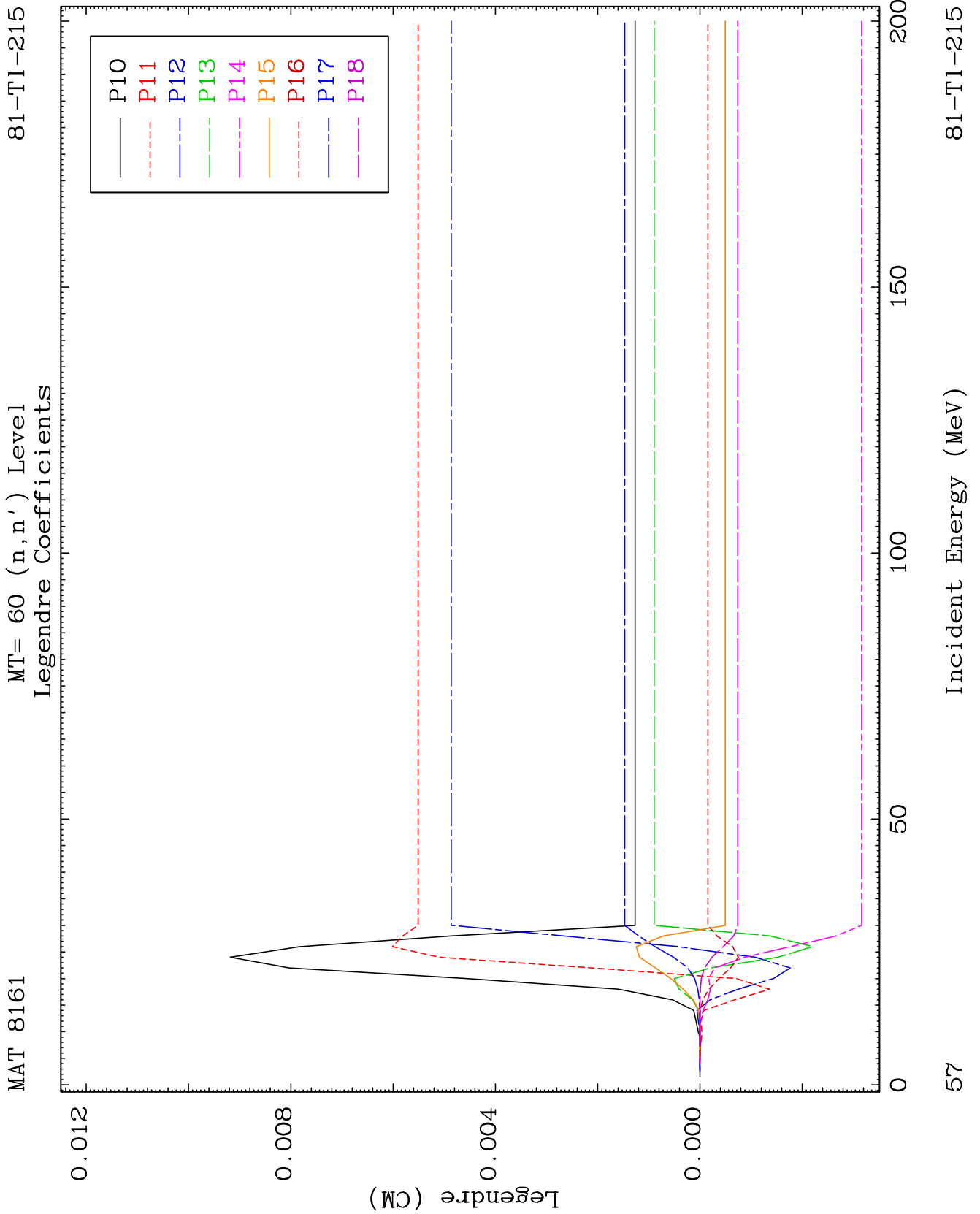
81-T1-215



81-T1-215

Incident Energy (MeV)

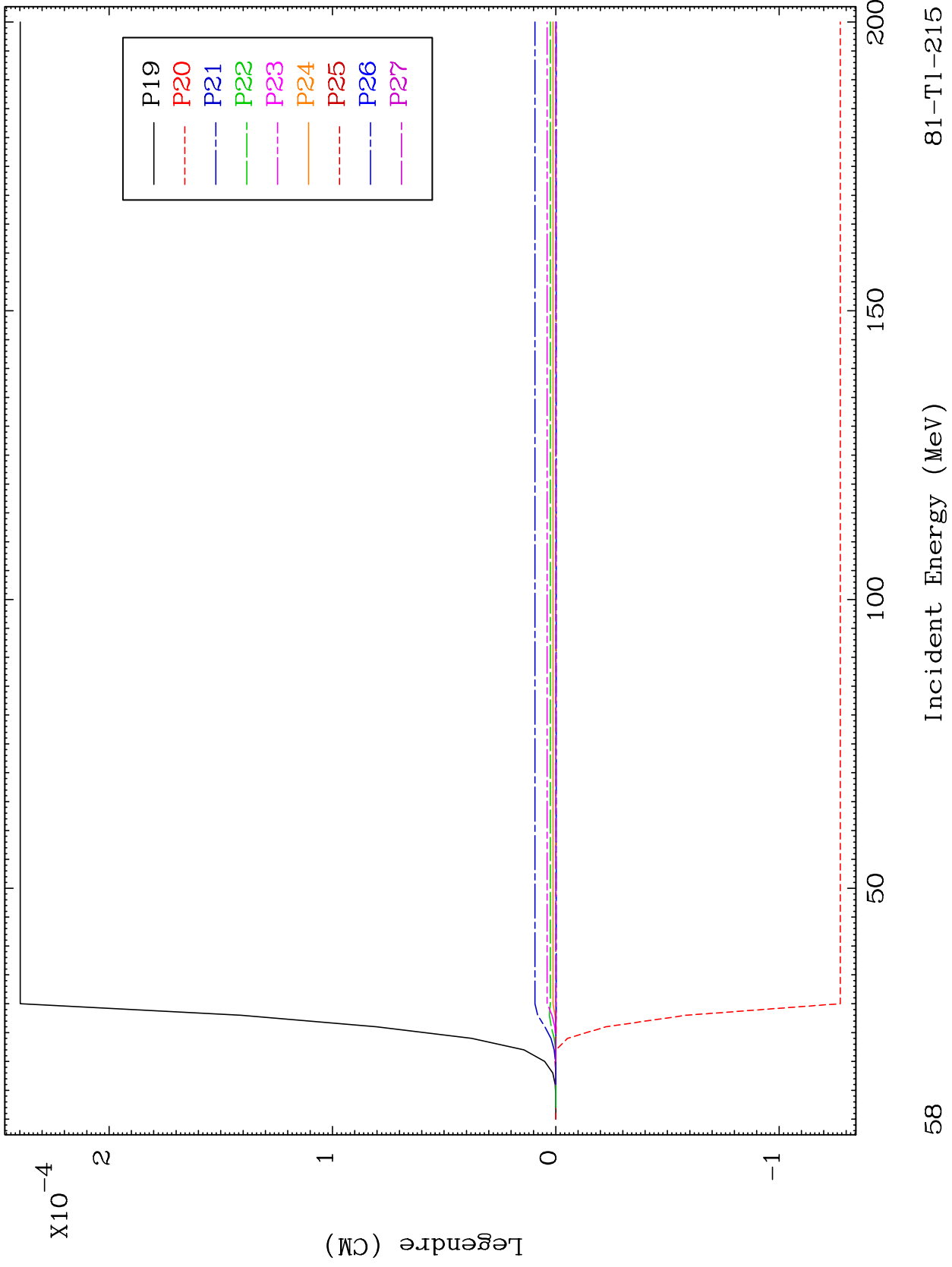
56



MAT 8161

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

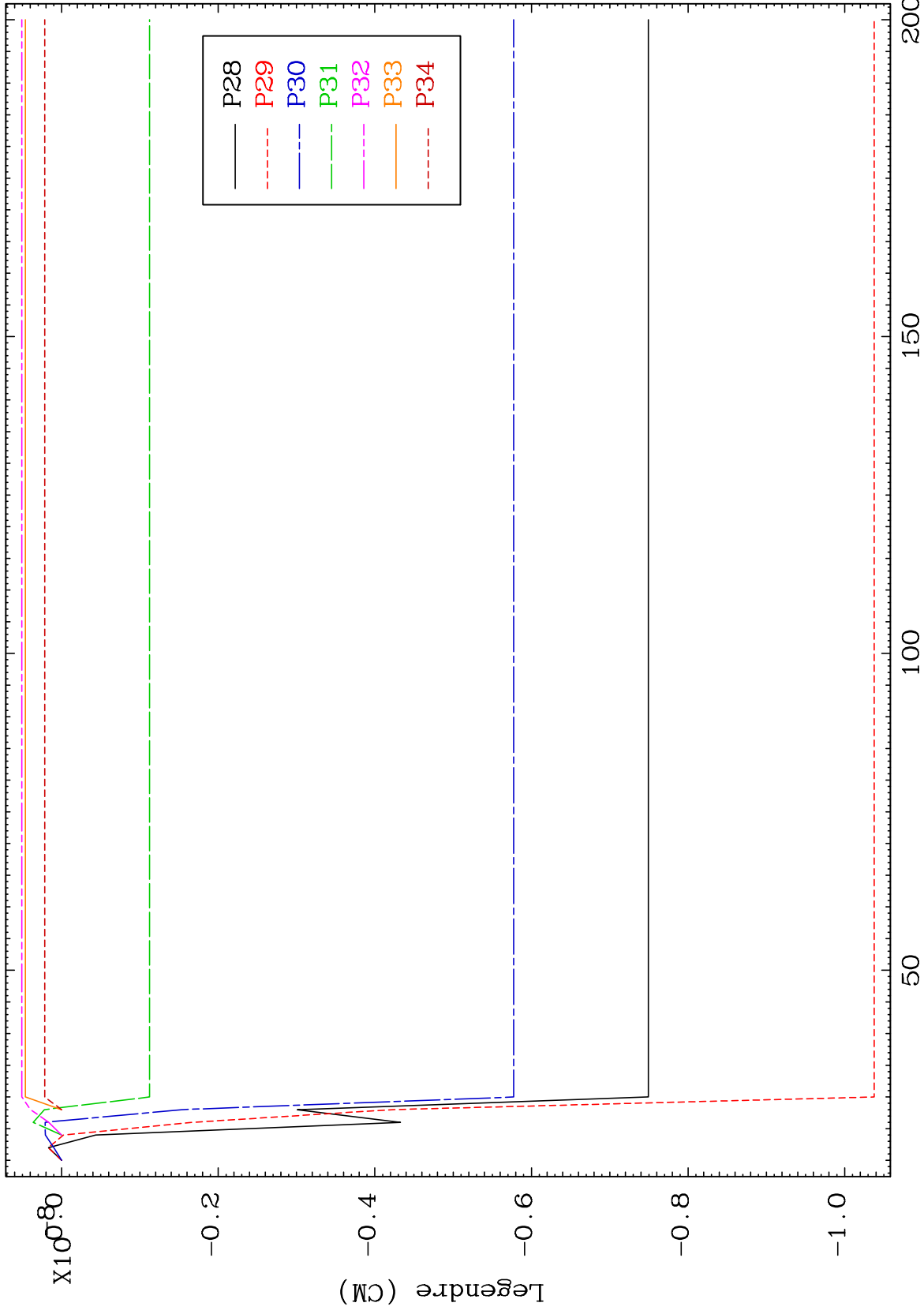
81-T1-215



MAT 8161

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

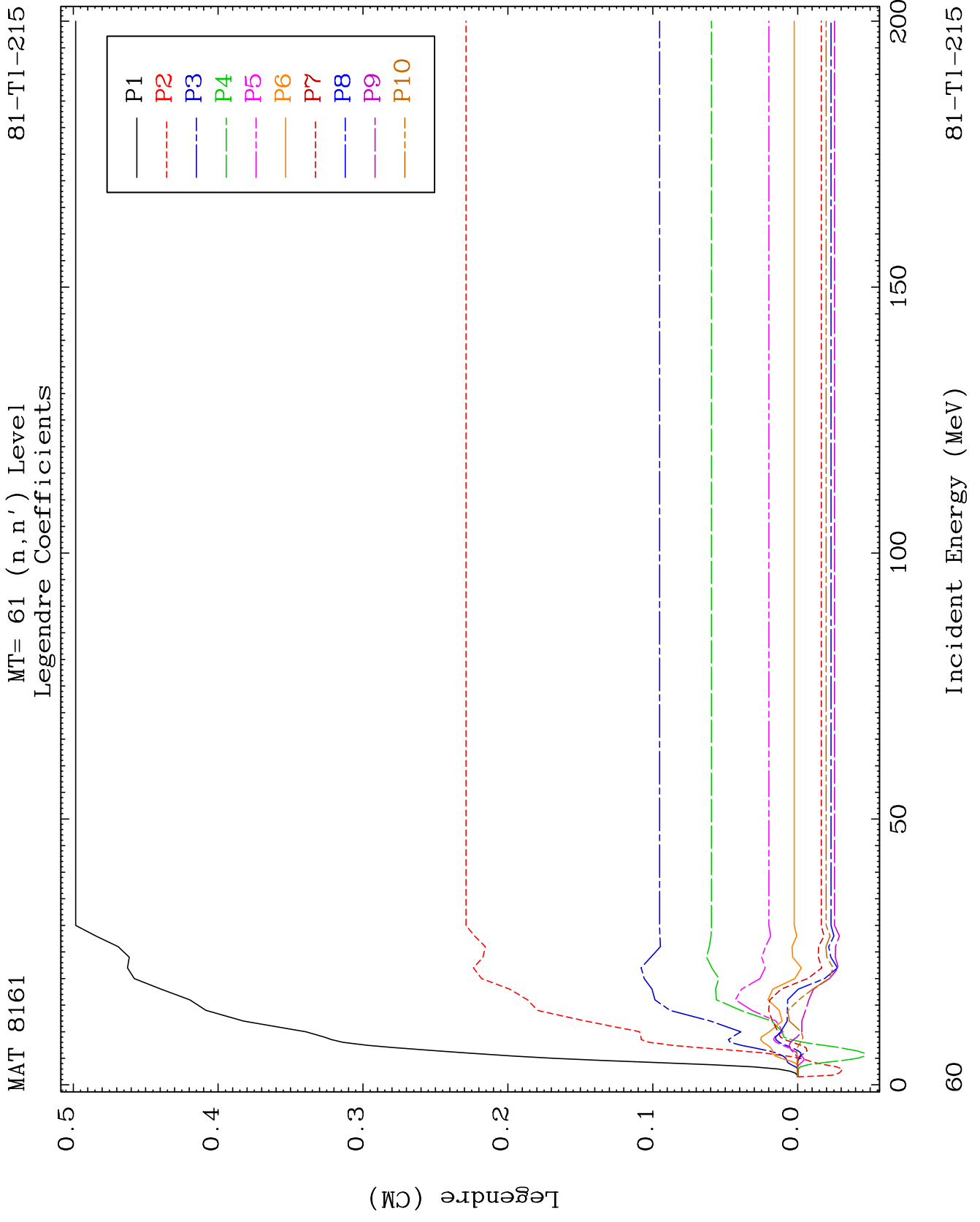
81-Tl-215



59

Incident Energy (MeV)

81-Tl-215

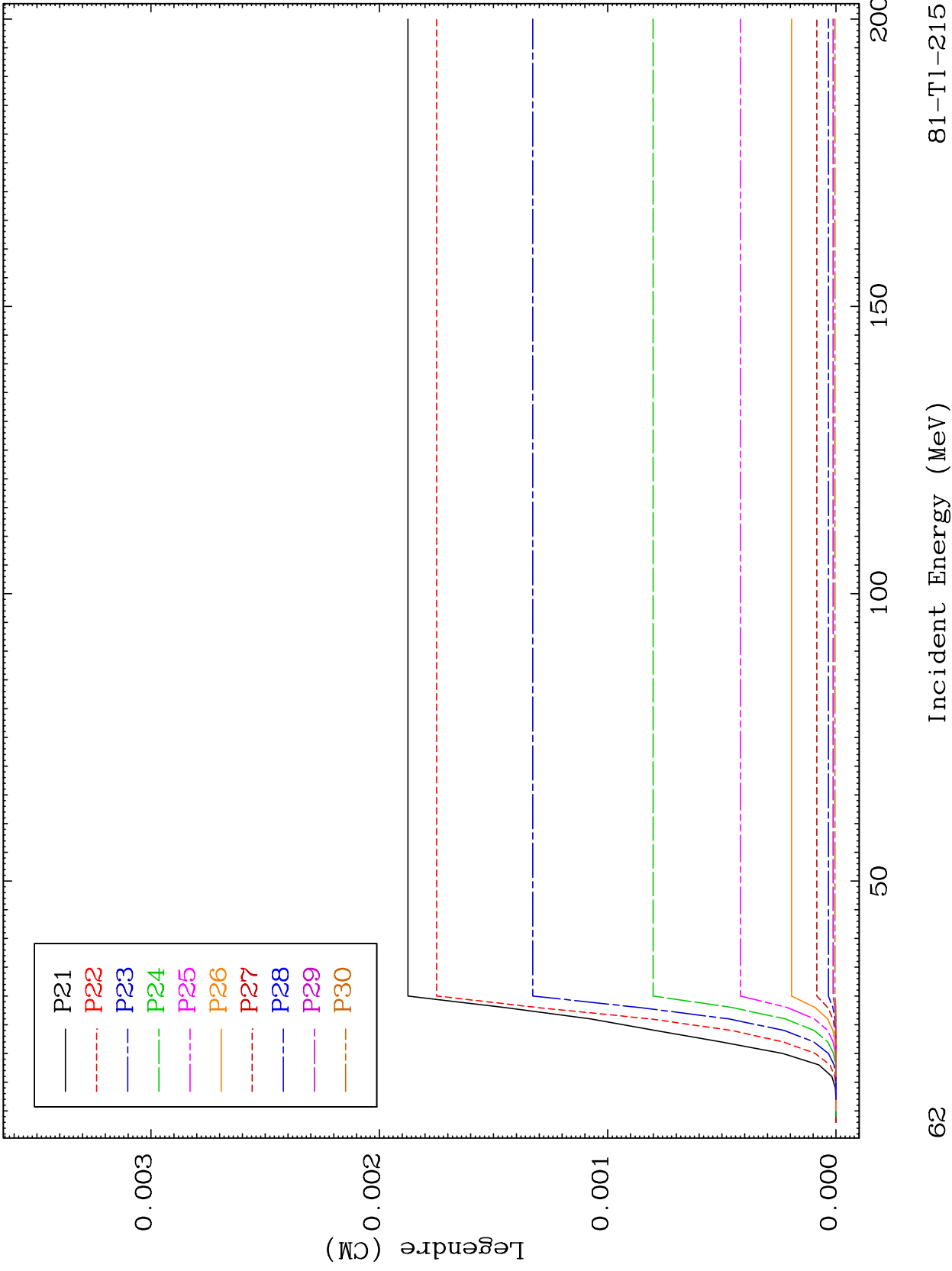




MAT 8161

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

81-Tl-215



62

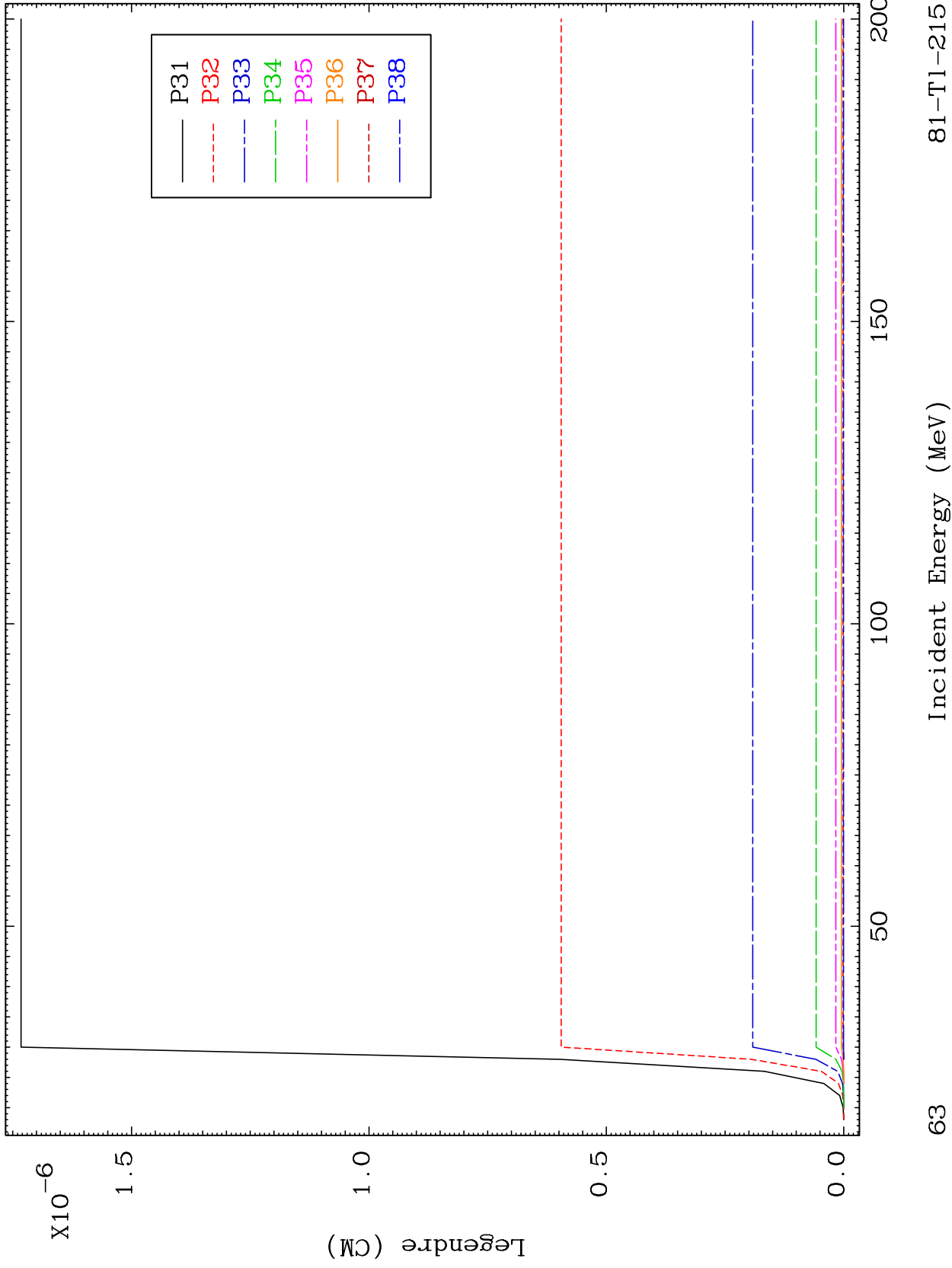
Incident Energy (MeV)

81-Tl-215

MAT 8161

81-T1-215

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



63

Incident Energy (MeV)

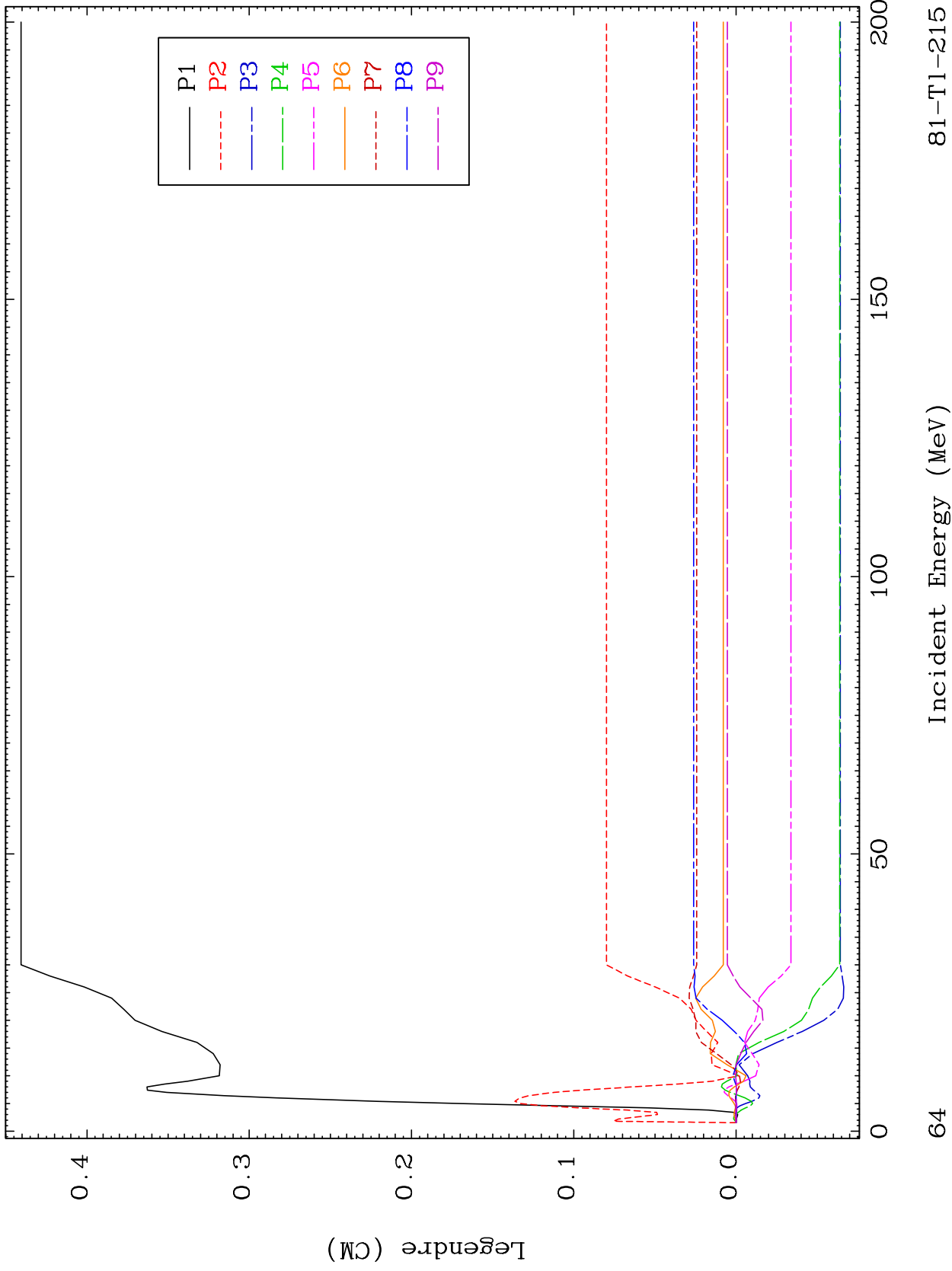
81-T1-215



MAT 8161

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

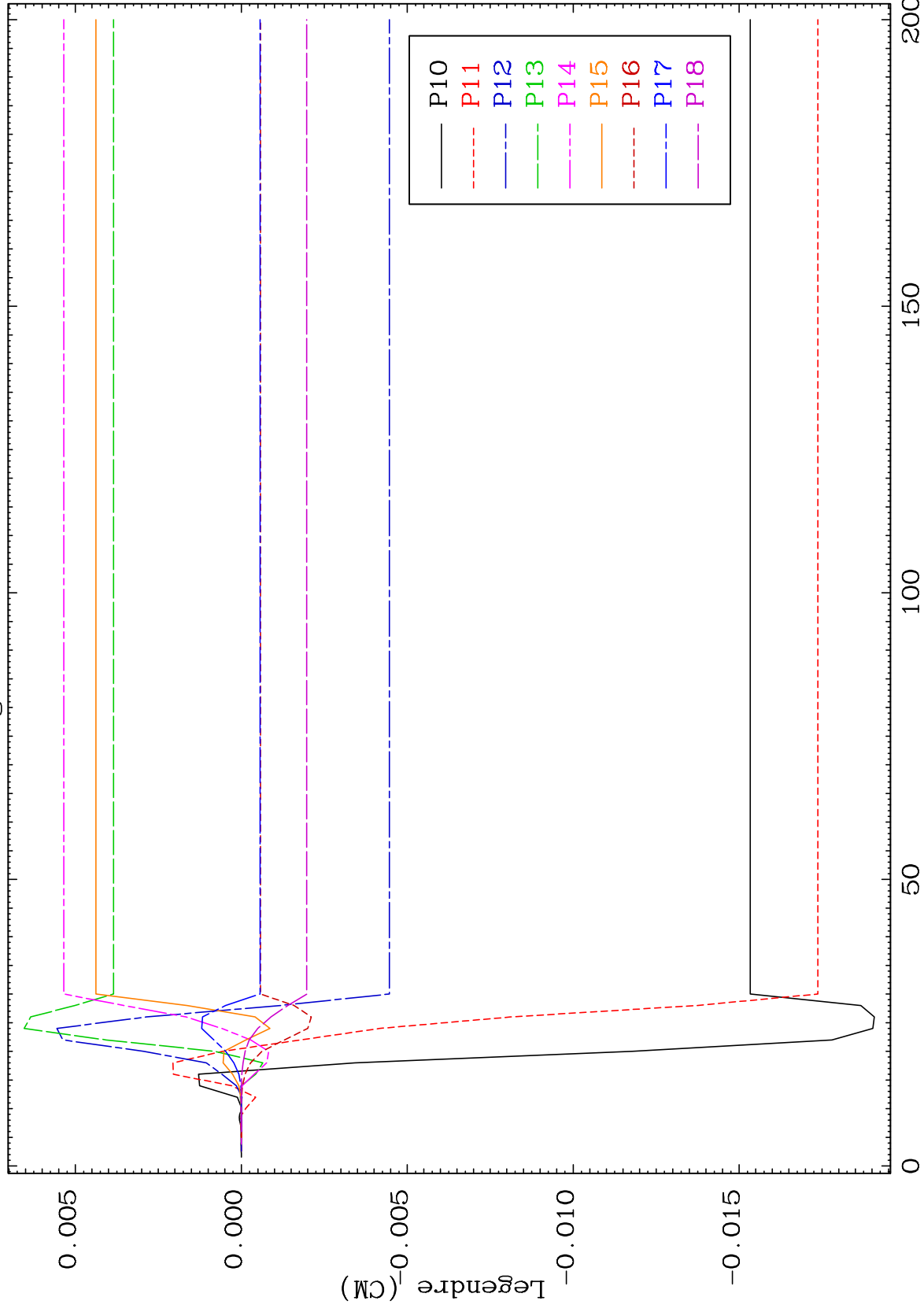
81-T1-215



MAT 8161

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

81-T1-215



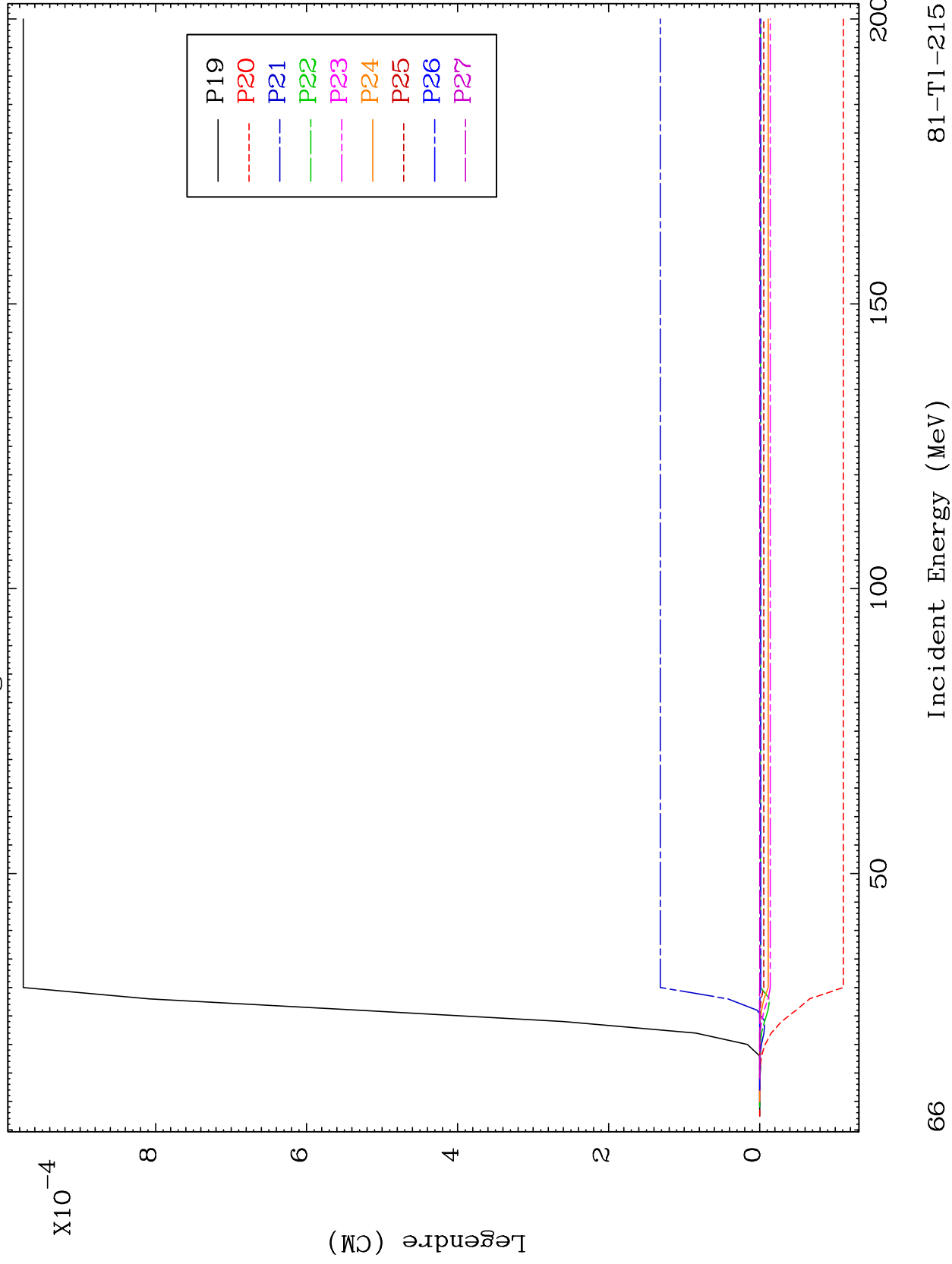
65

81-T1-215

MAT 8161

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

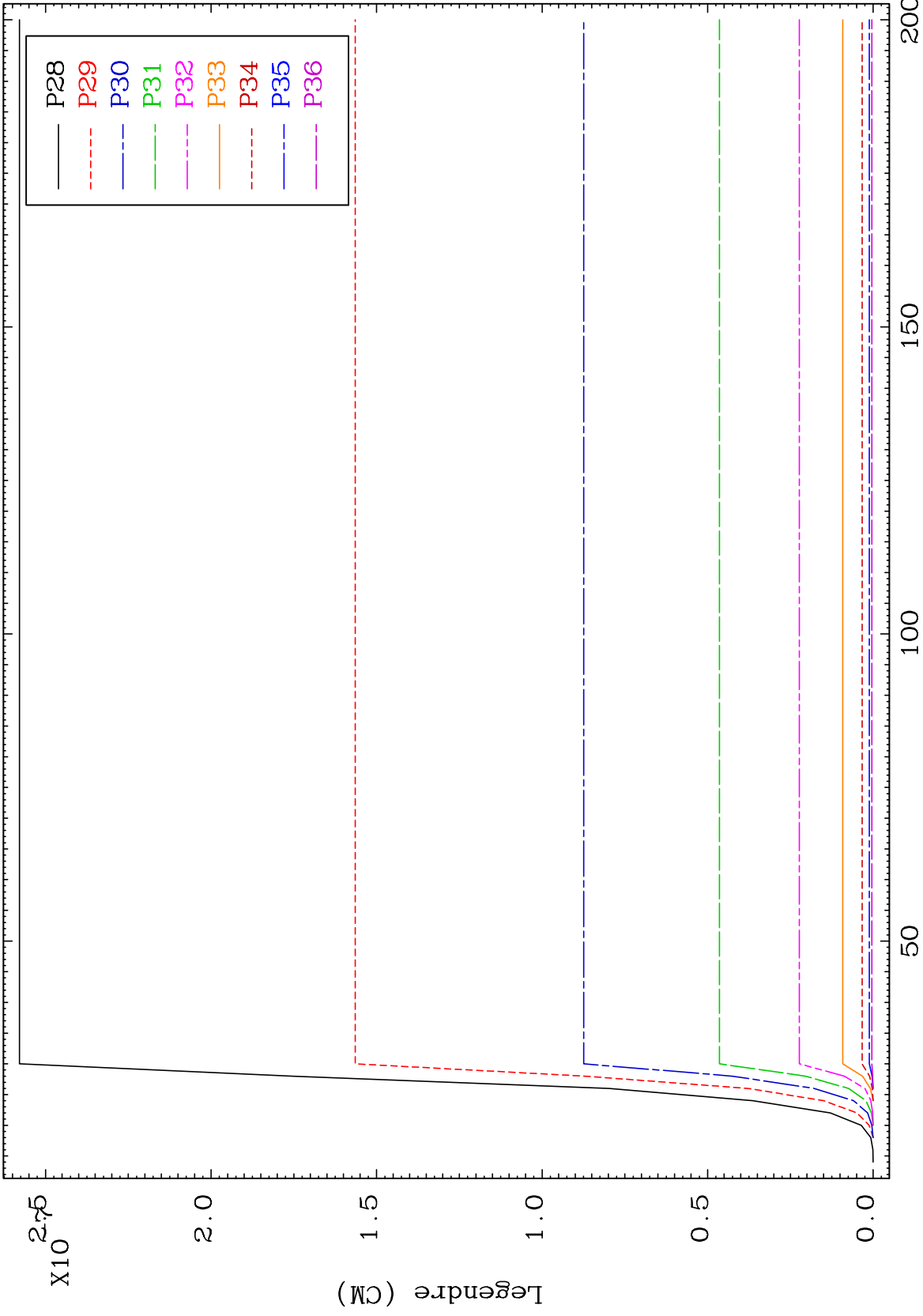
81-T1-215



MAT 8161

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

81-T1-215



67

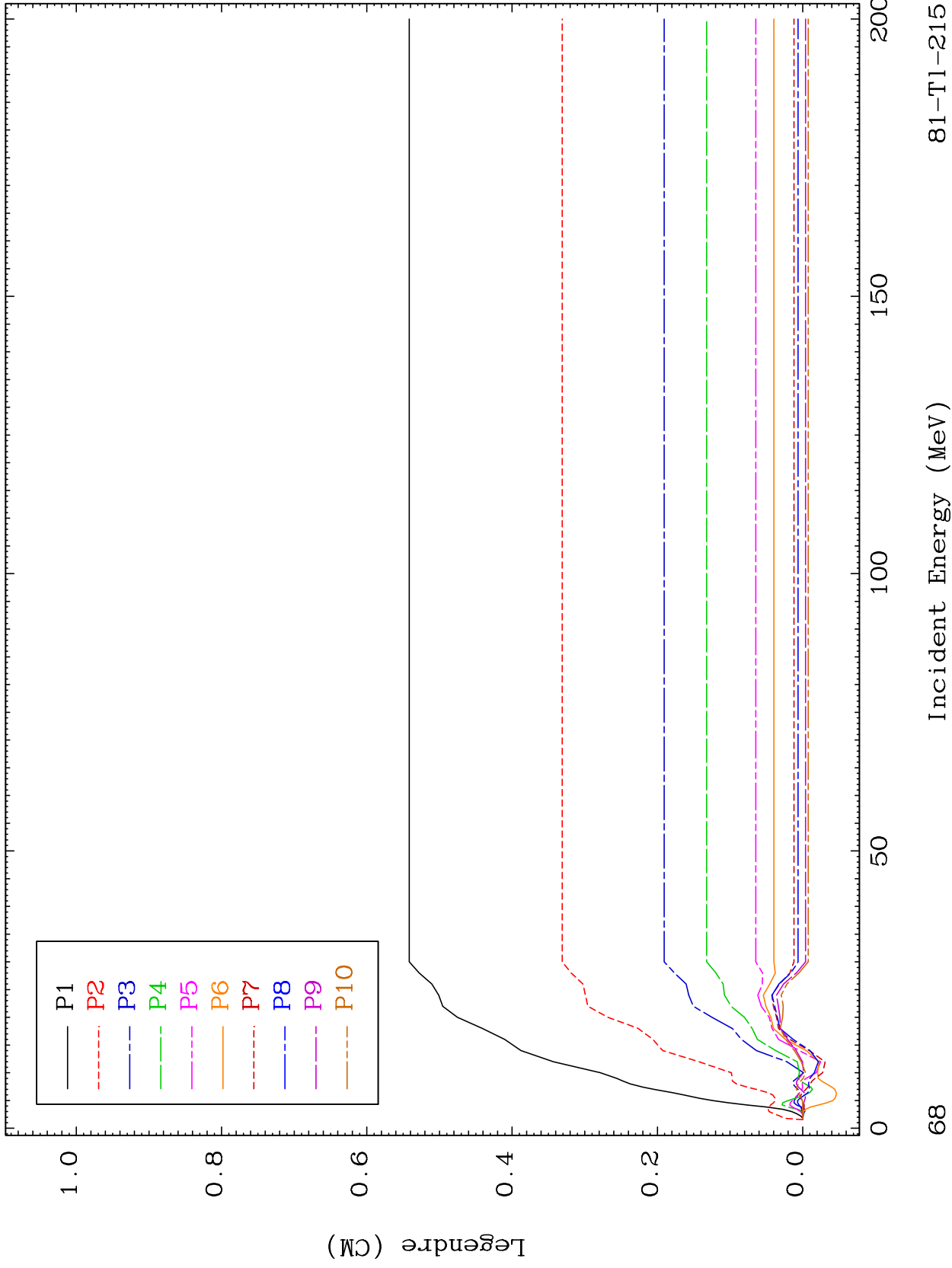
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-T1-215

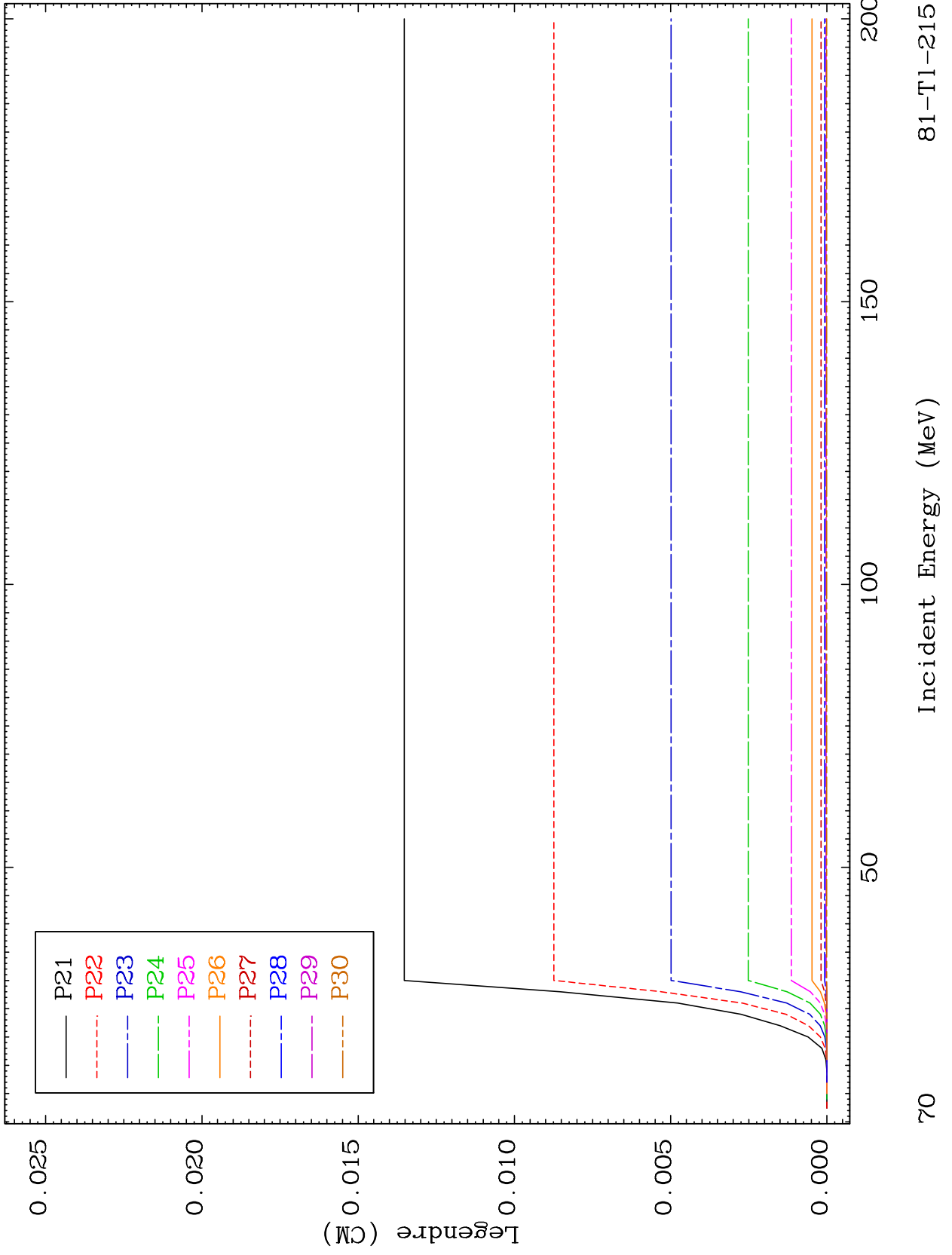




MAT 8161

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

81-Tl-215



70

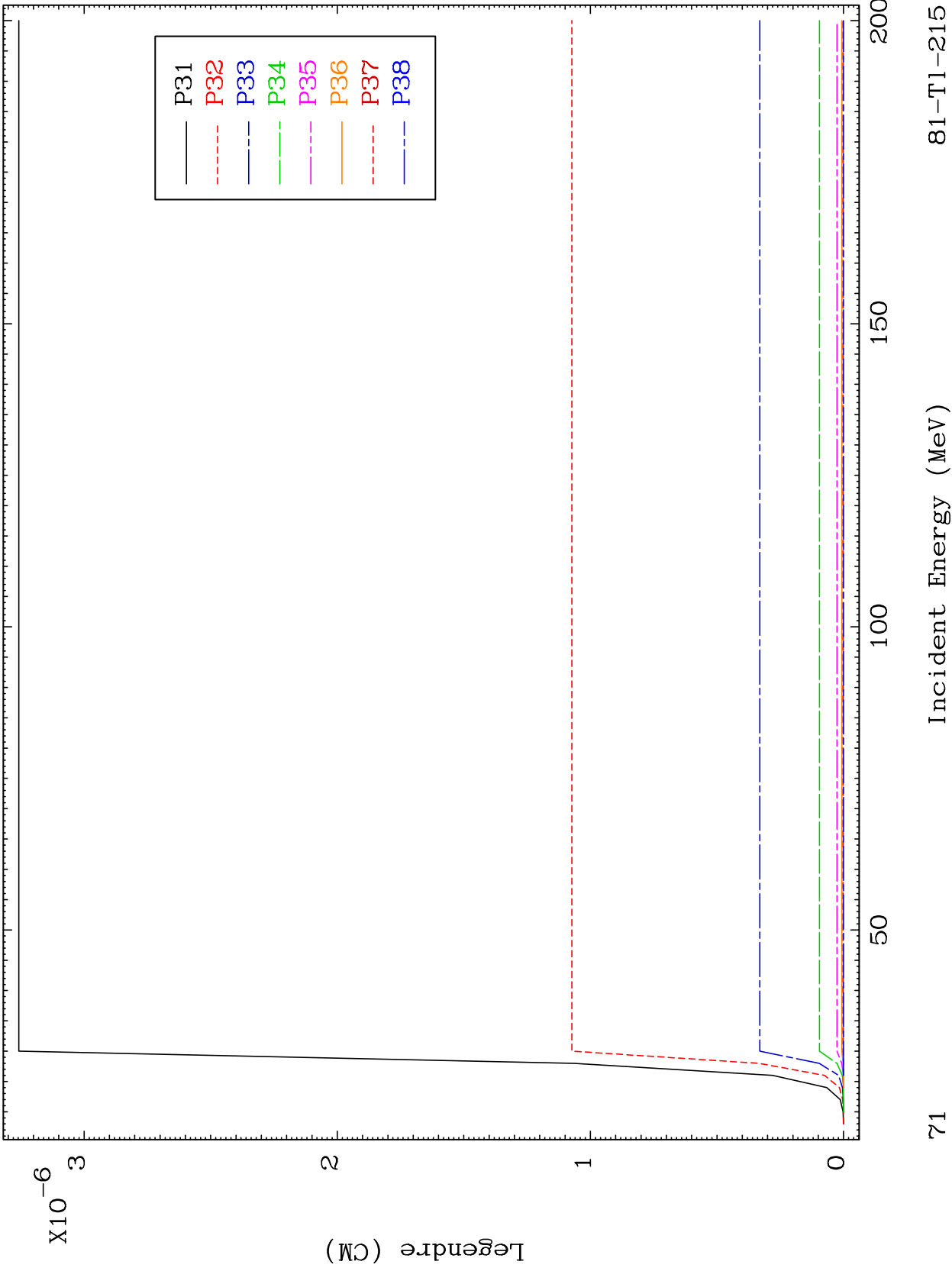
Incident Energy (MeV)

81-Tl-215

MAT 8161

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

81-T1-215



71

Incident Energy (MeV)

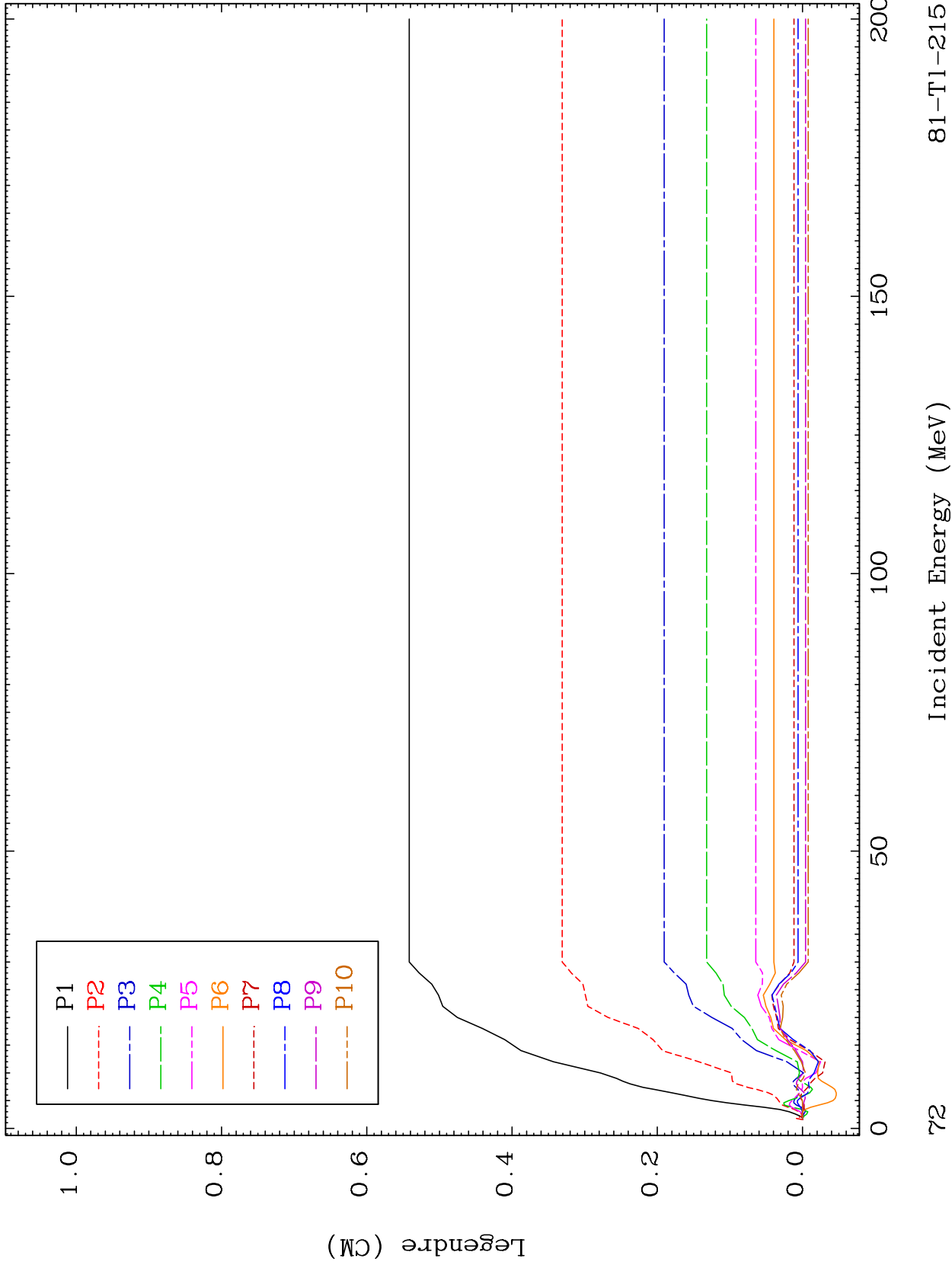
81-T1-215



MAT 8161

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

81-T1-215



72

Incident Energy (MeV)

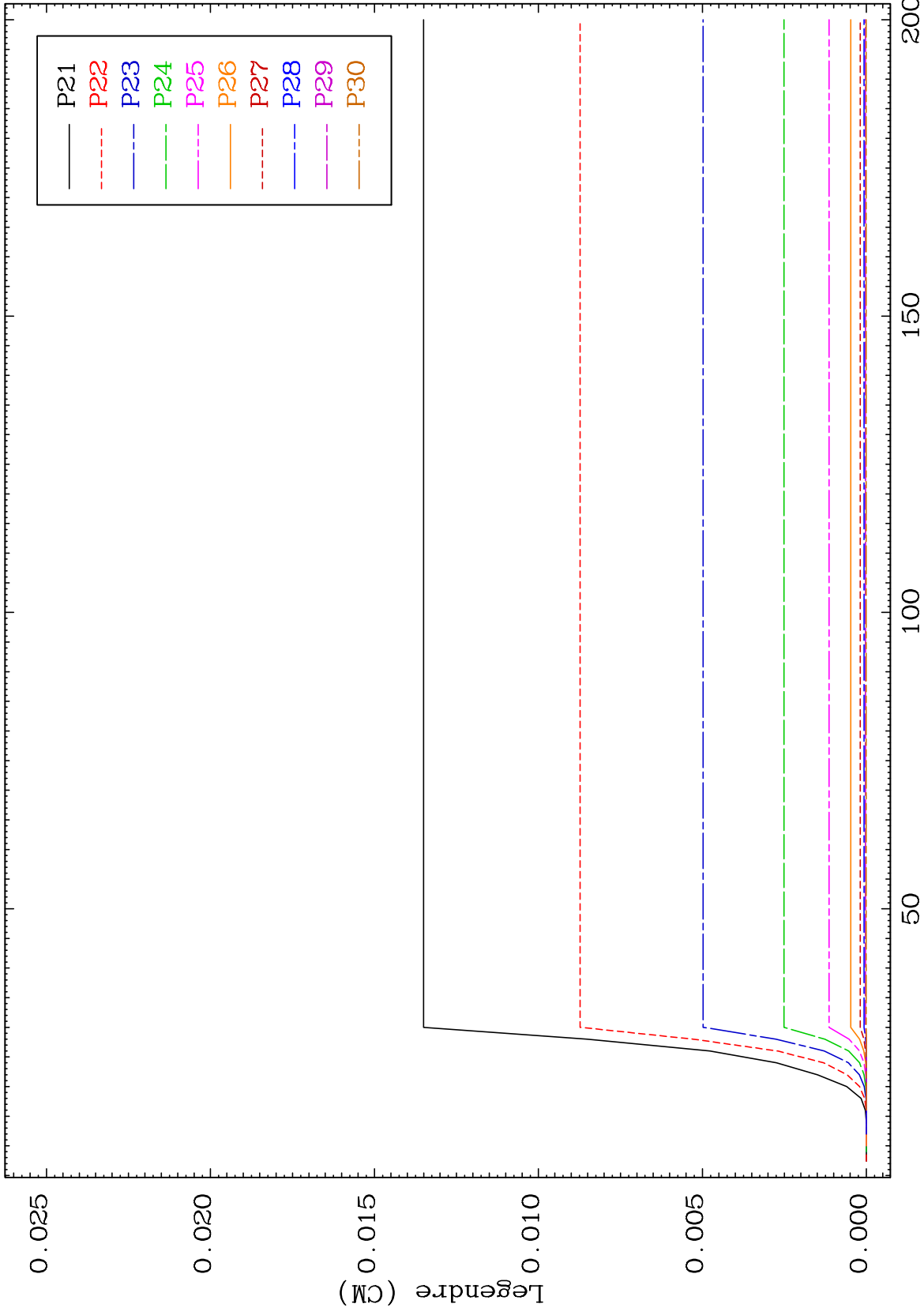
81-T1-215



MAT 8161

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

81-T1-215



74

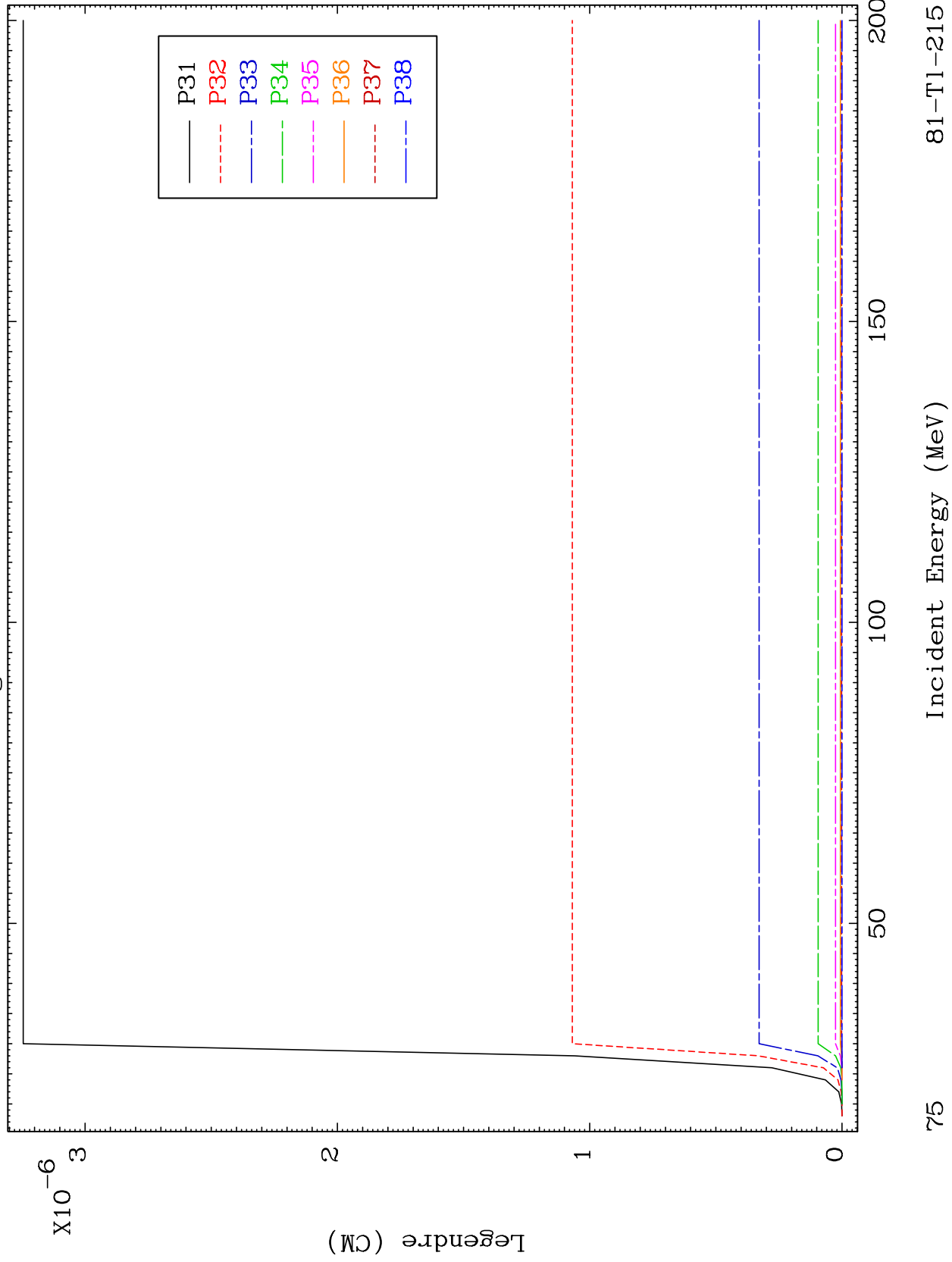
Incident Energy (MeV)

81-T1-215

MAT 8161

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

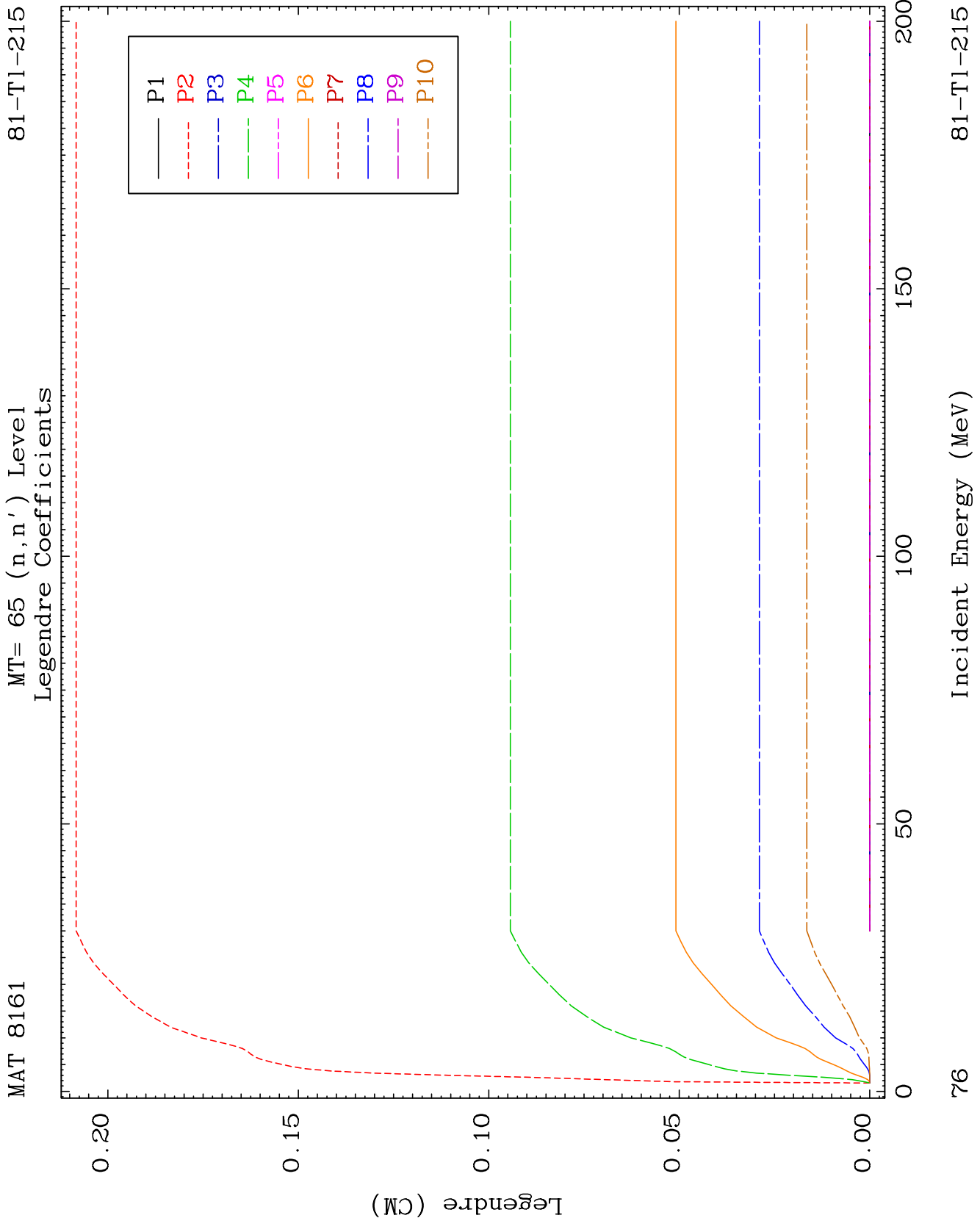
81-T1-215

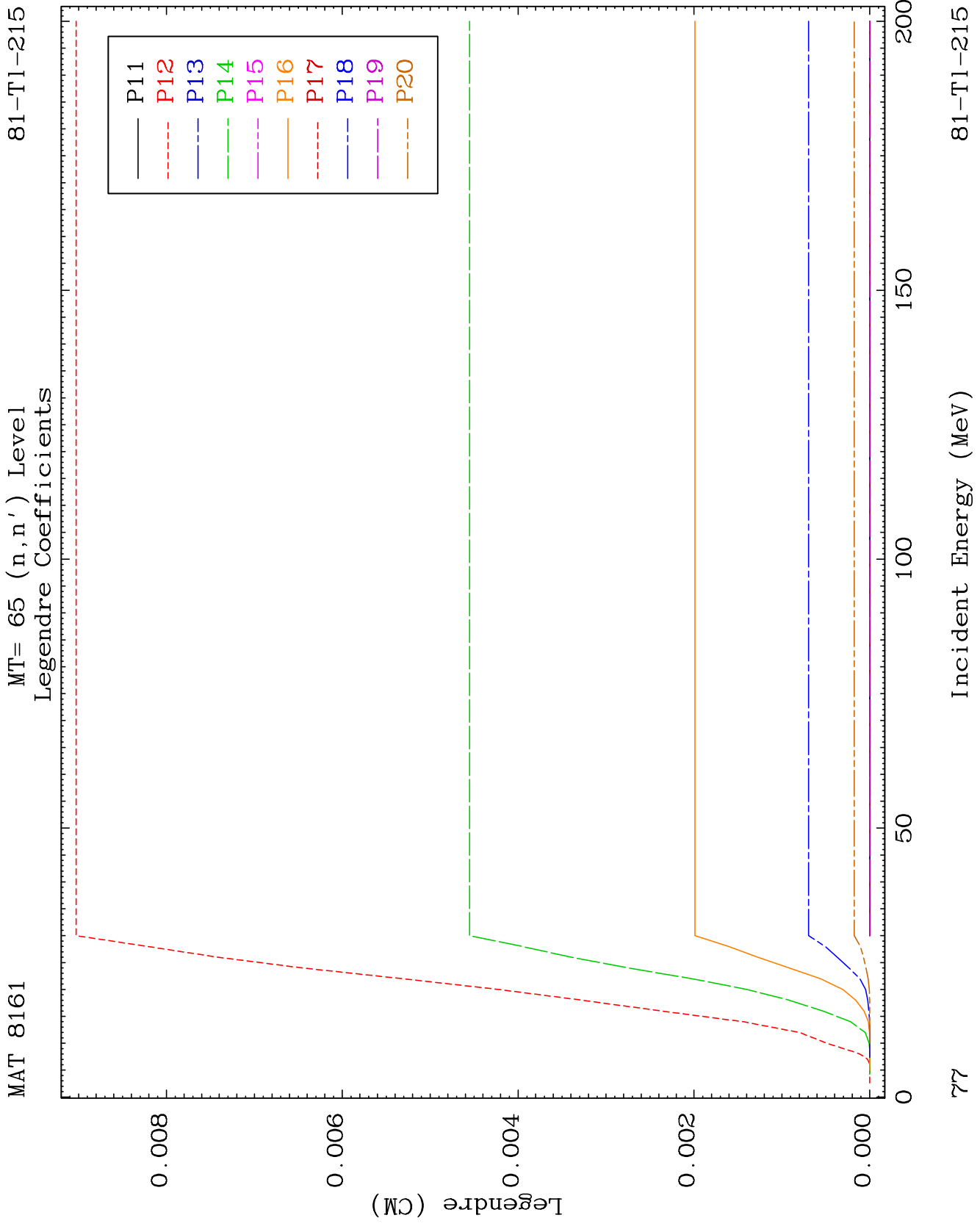


75

Incident Energy (MeV)

81-T1-215



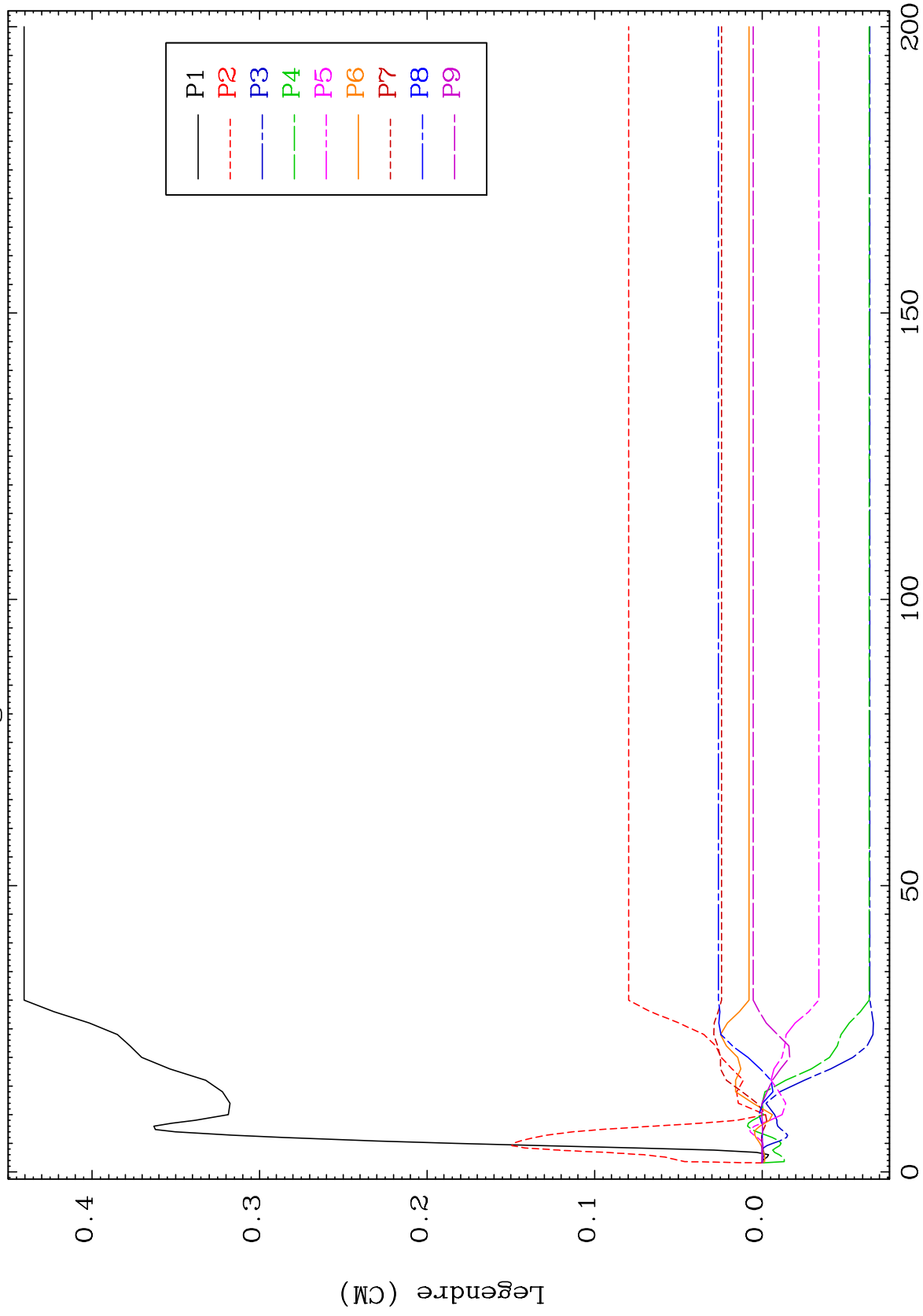




MAT 8161

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

81-T1-215



79

Incident Energy (MeV)

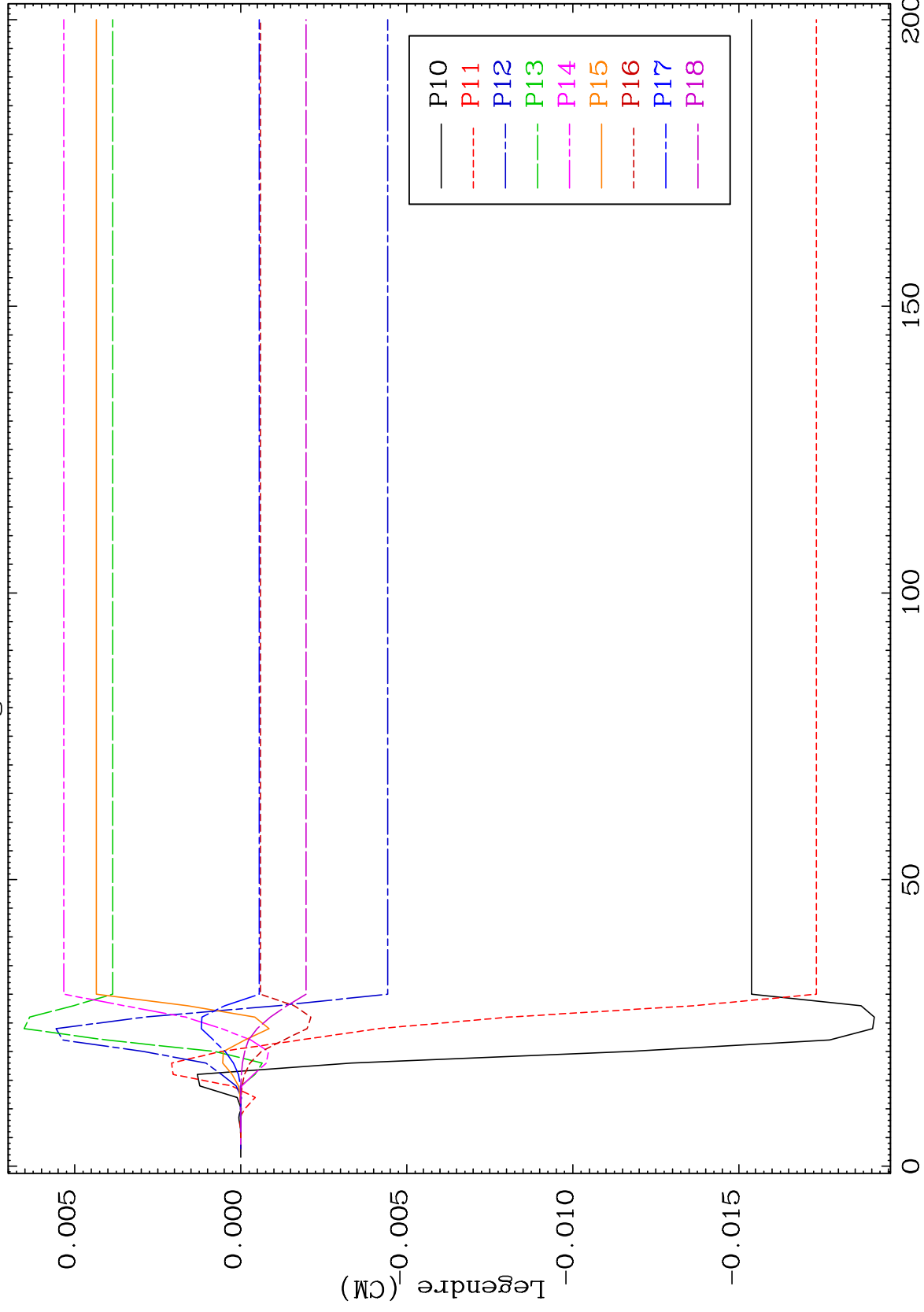
81-T1-215



MAT 8161

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

81-T1-215



80

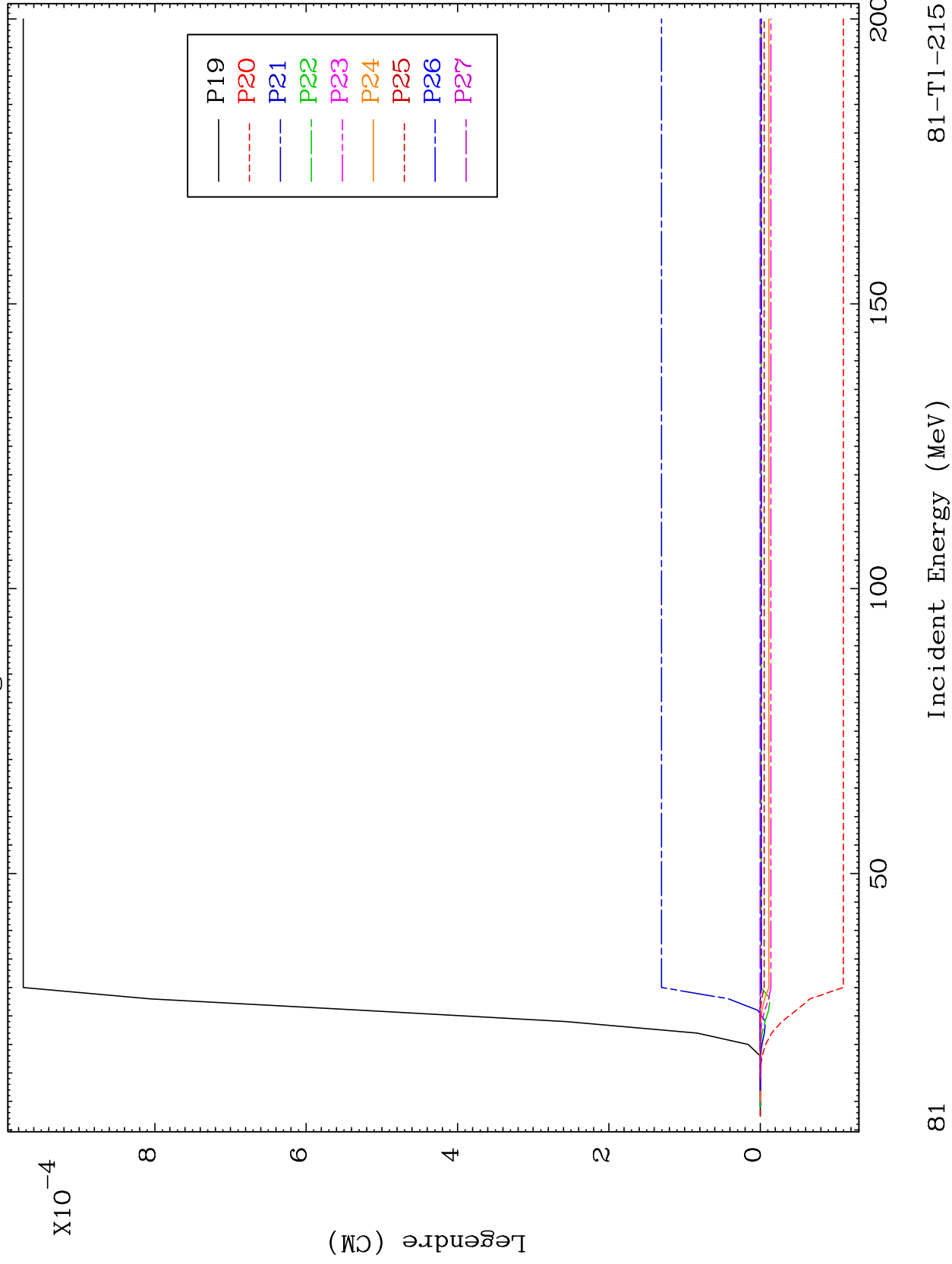
Incident Energy (MeV)

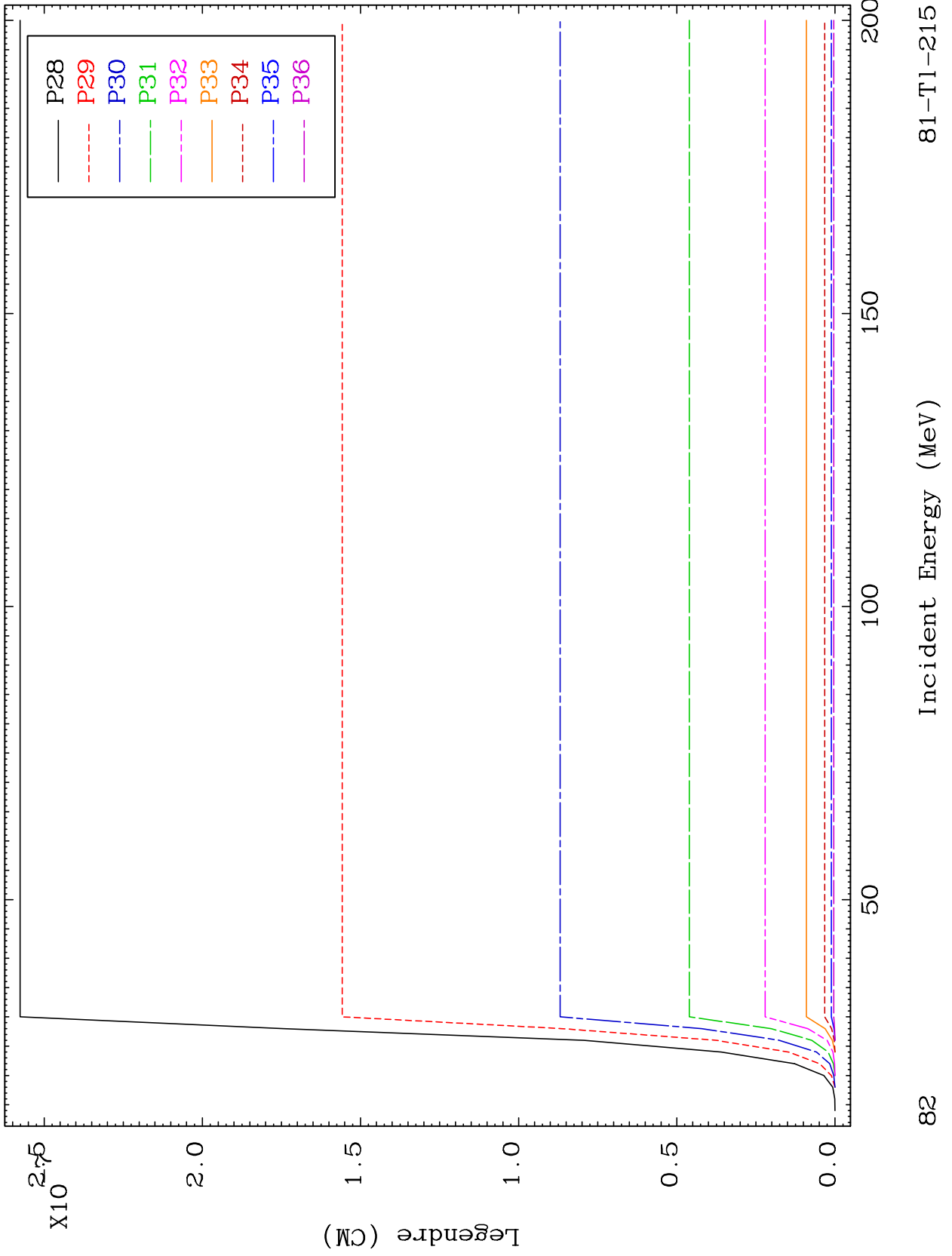
81-T1-215

MAT 8161

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

81-T1-215

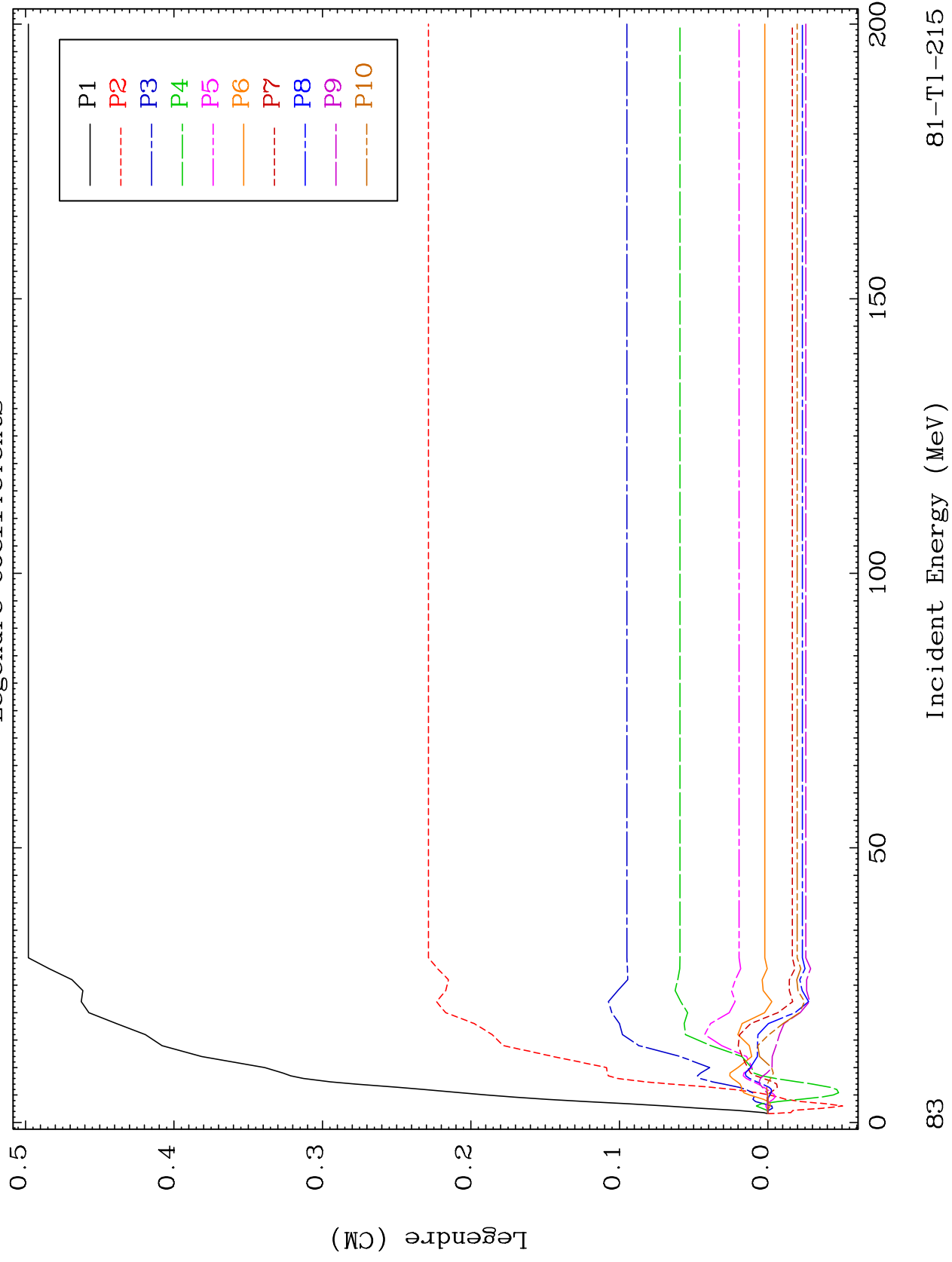




MAT 8161

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

81-T1-215

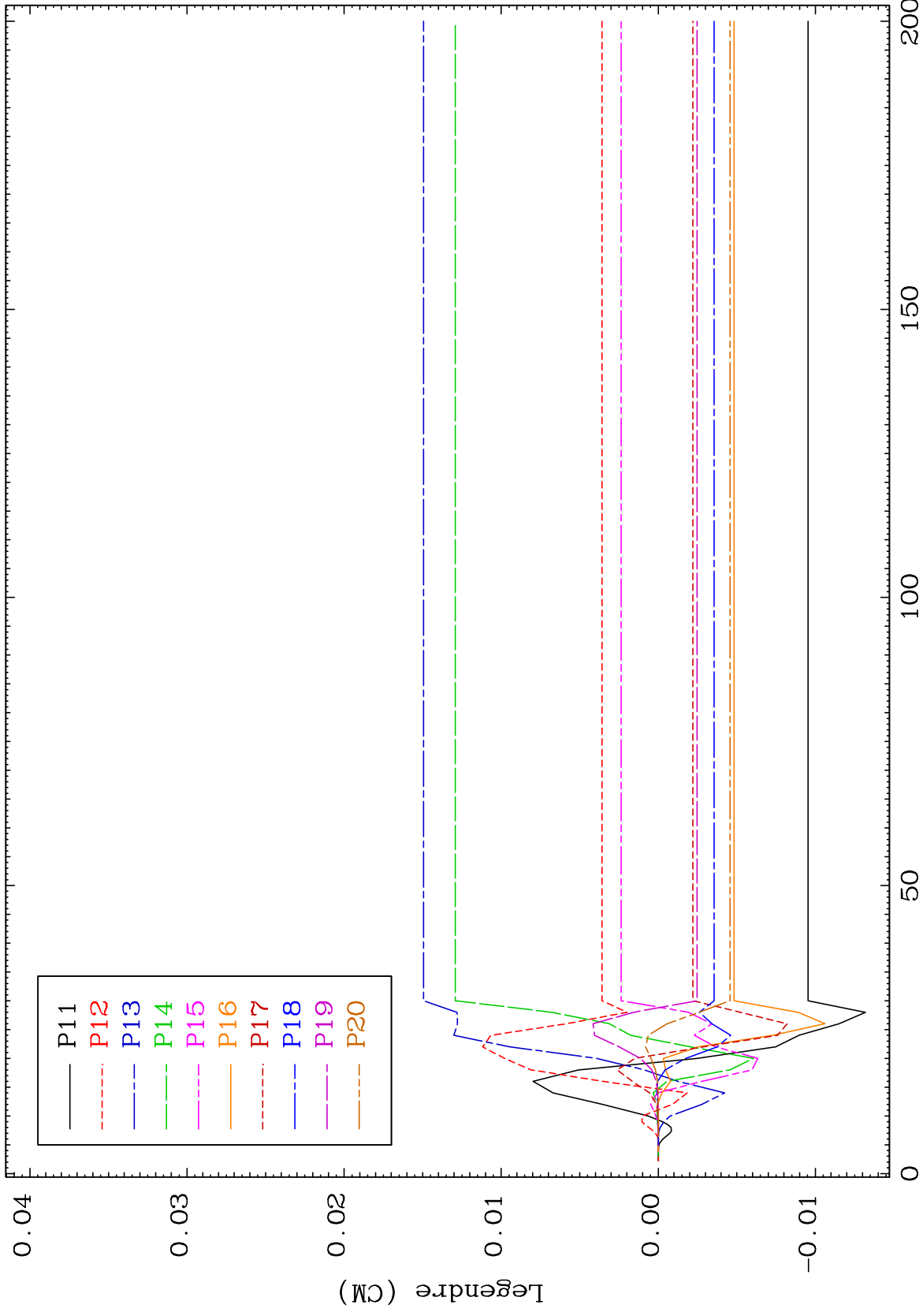


83

MAT 8161

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

81-T1-215



84

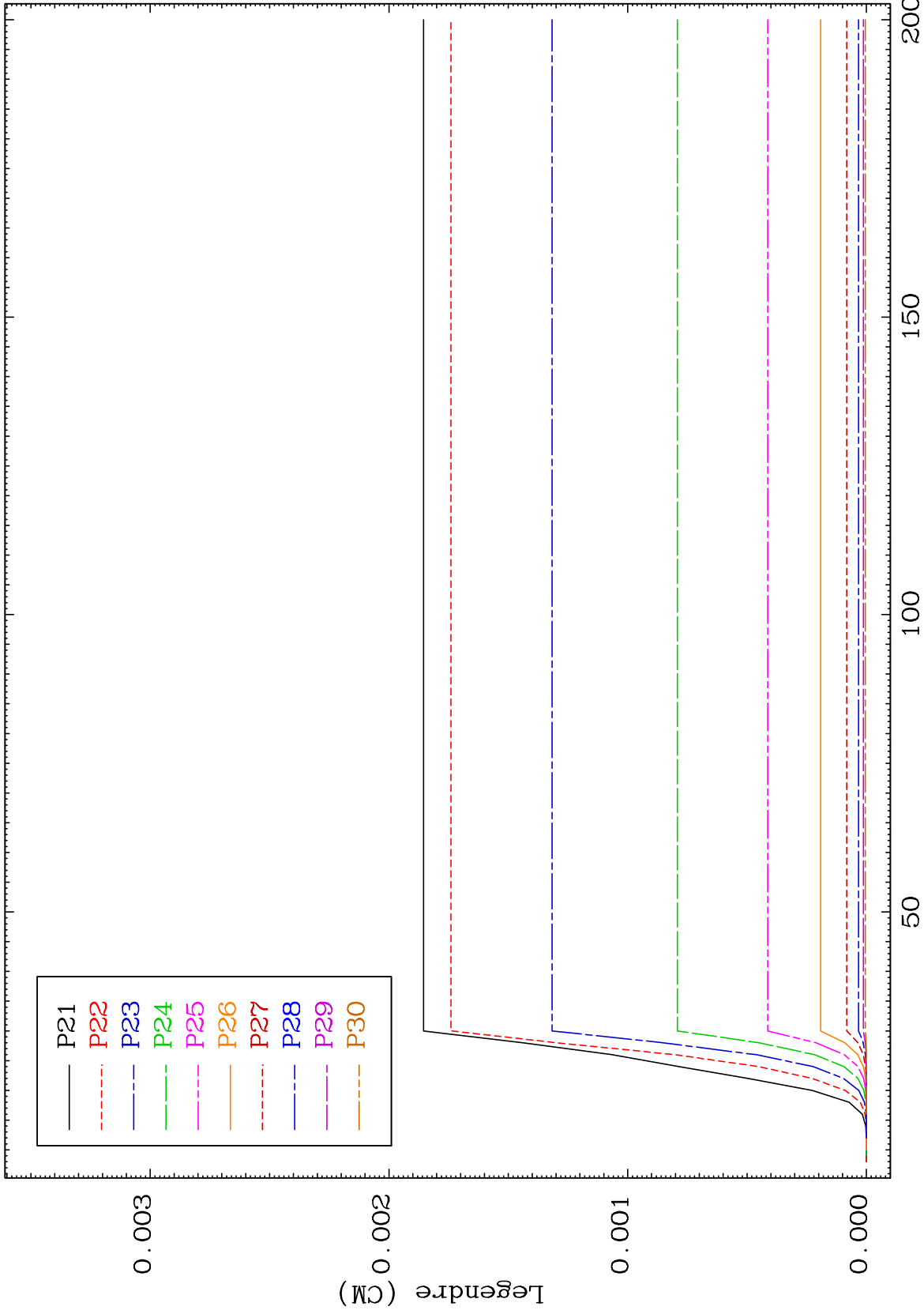
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-Tl-215



85

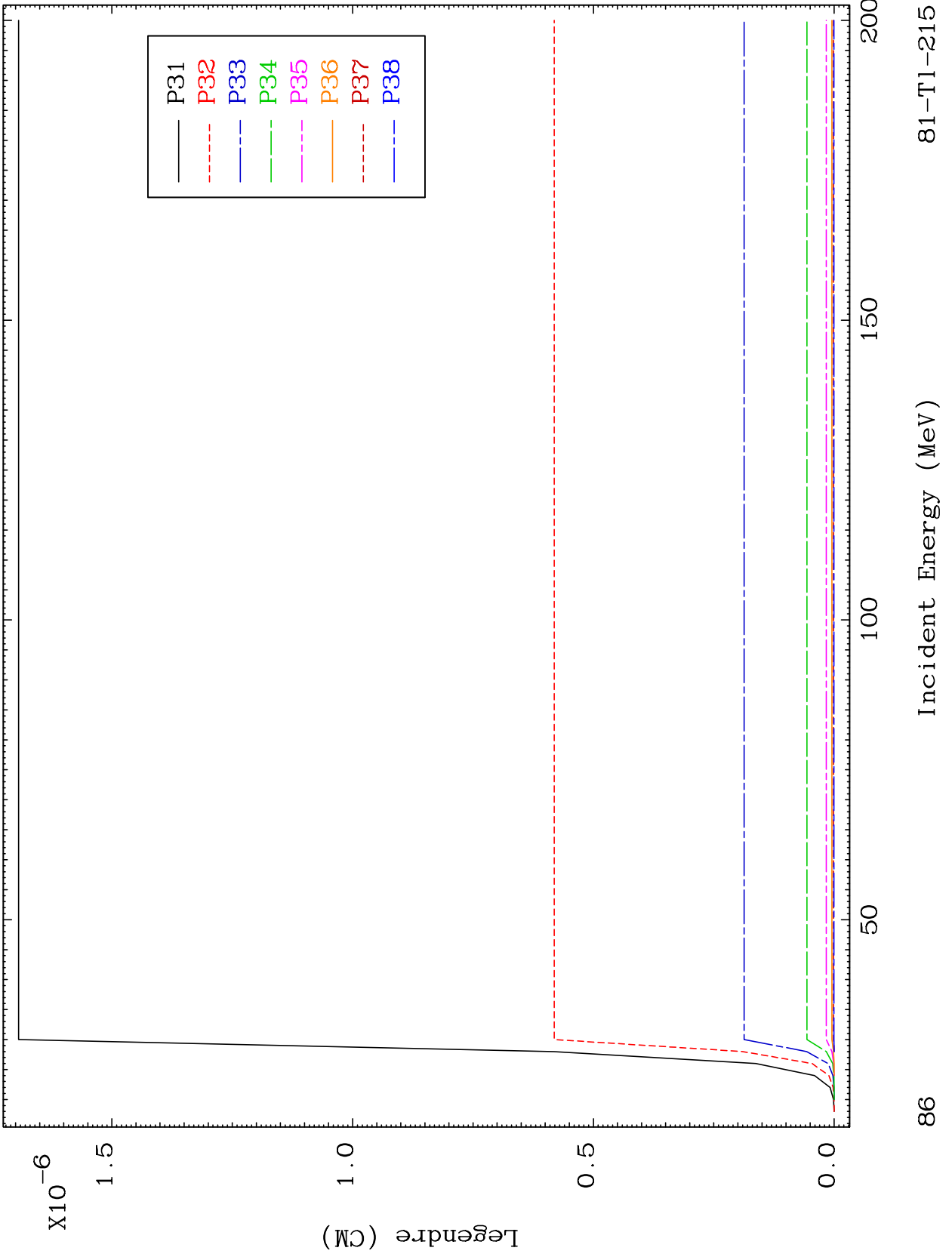
Incident Energy (MeV)

81-Tl-215

MAT 8161

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

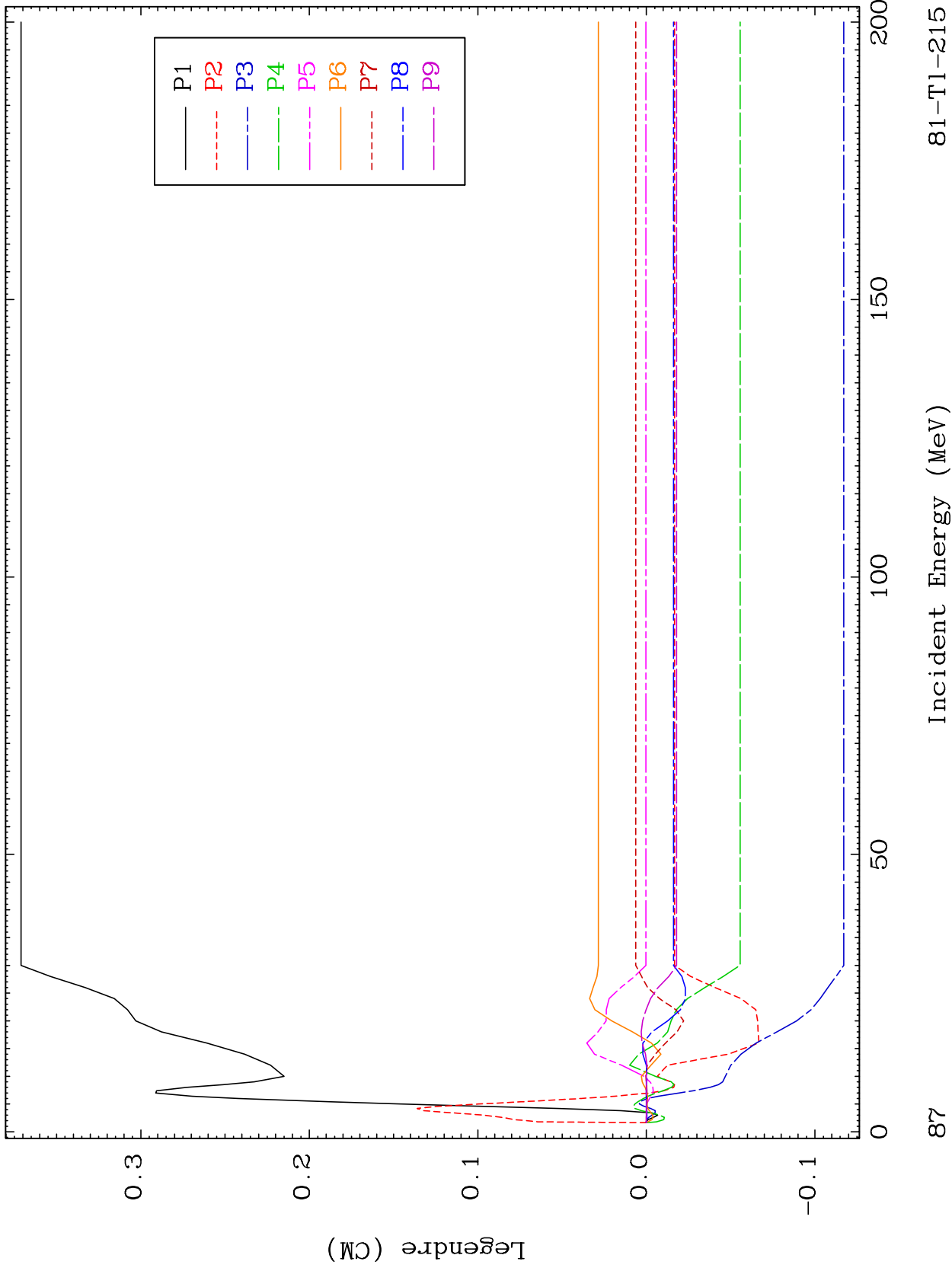
81-T1-215



MAT 8161

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

81-T1-215



87

Incident Energy (MeV)

81-T1-215

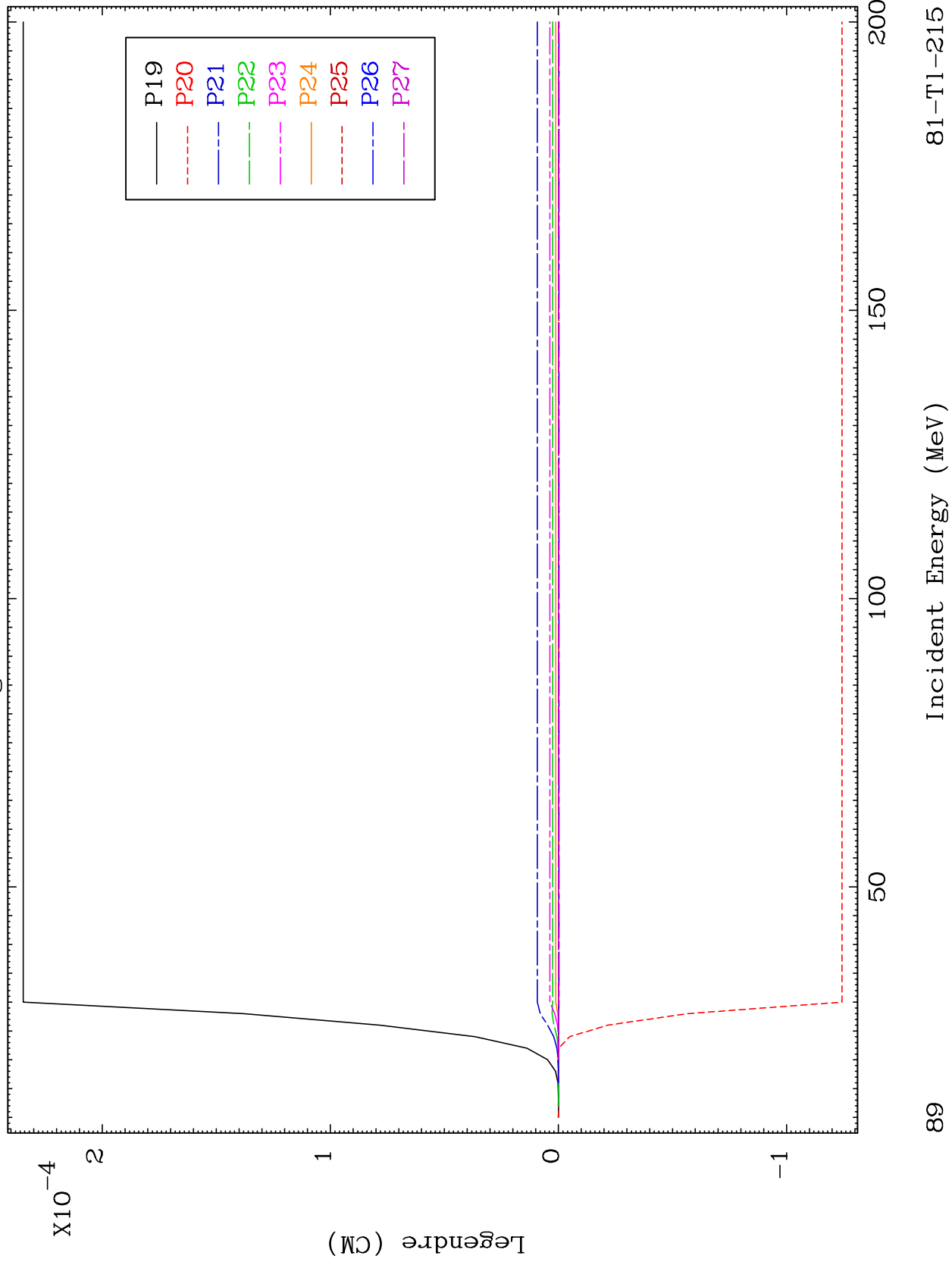




MAT 8161

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

81-Tl-215

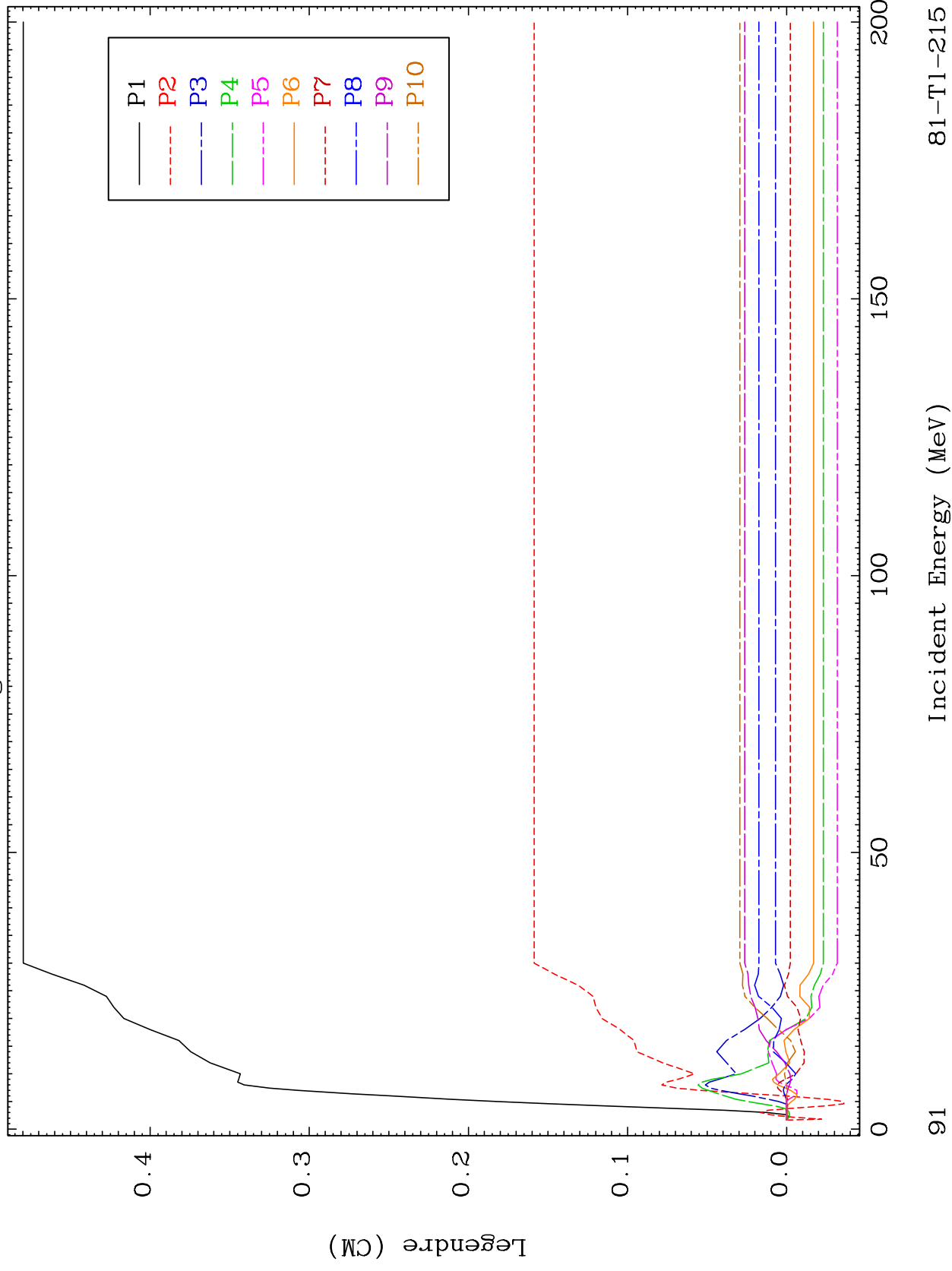




MAT 8161

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

81-Tl-215



81-Tl-215

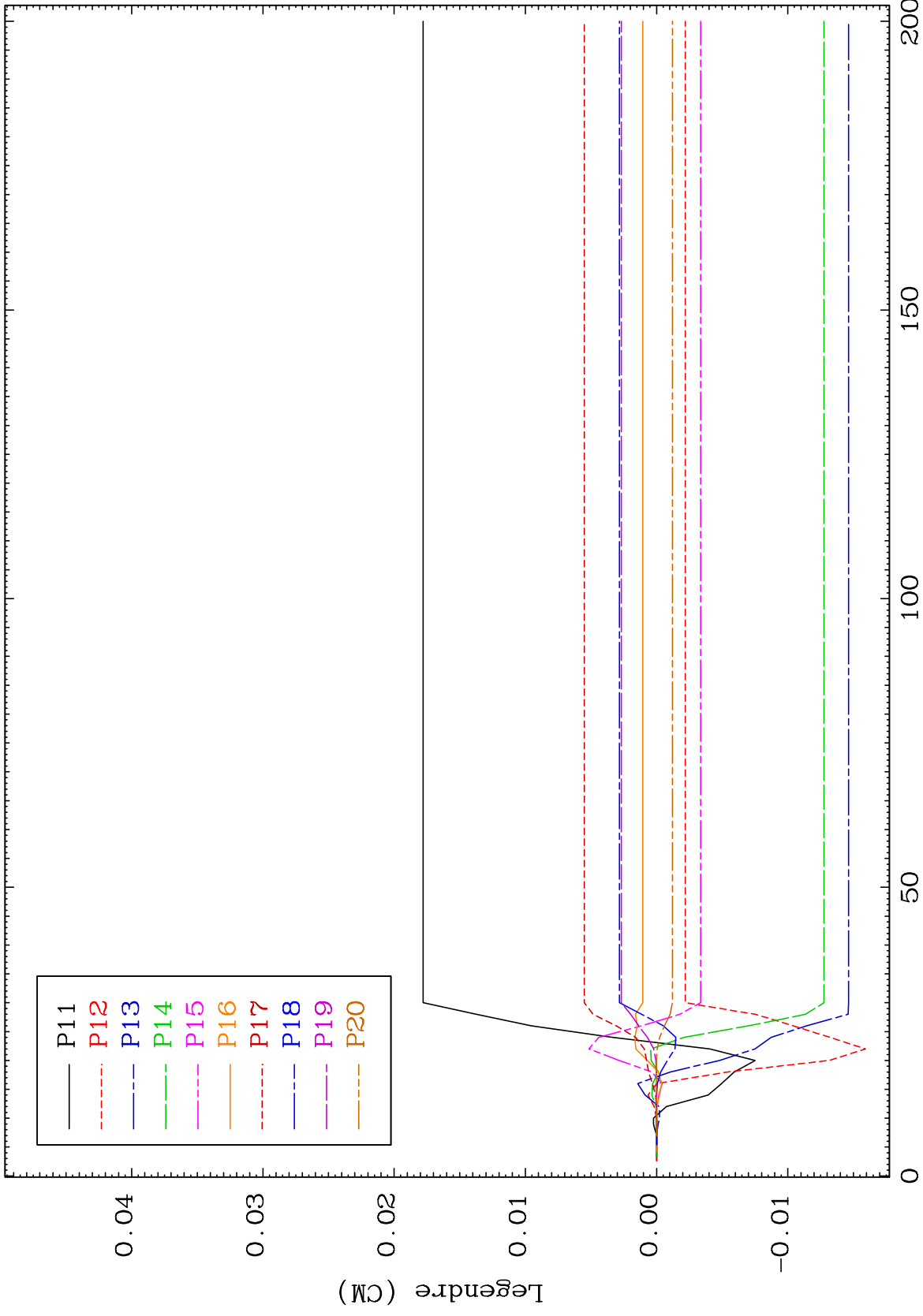
Incident Energy (MeV)

91

MAT 8161

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

81-T1-215



92

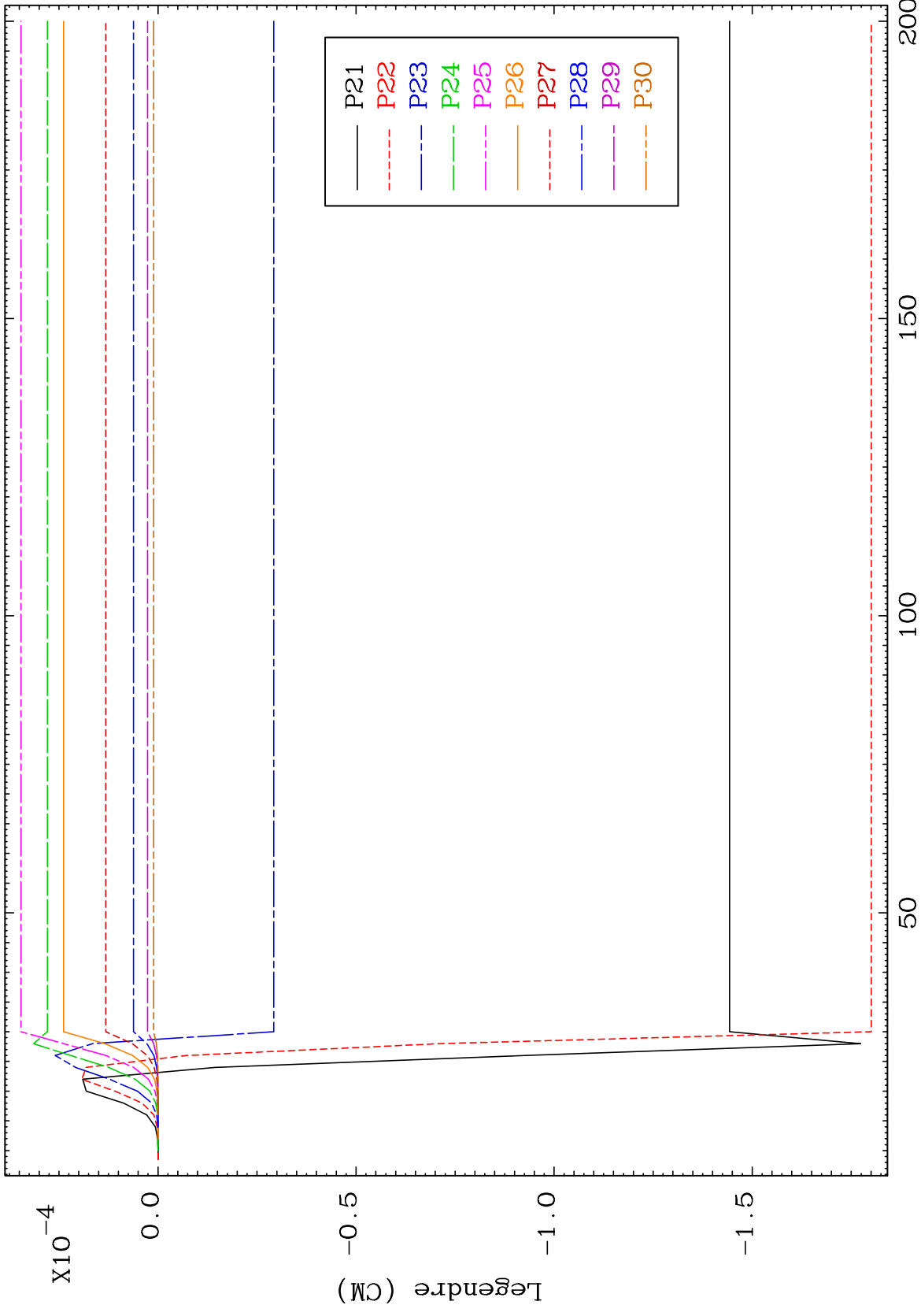
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-Tl-215



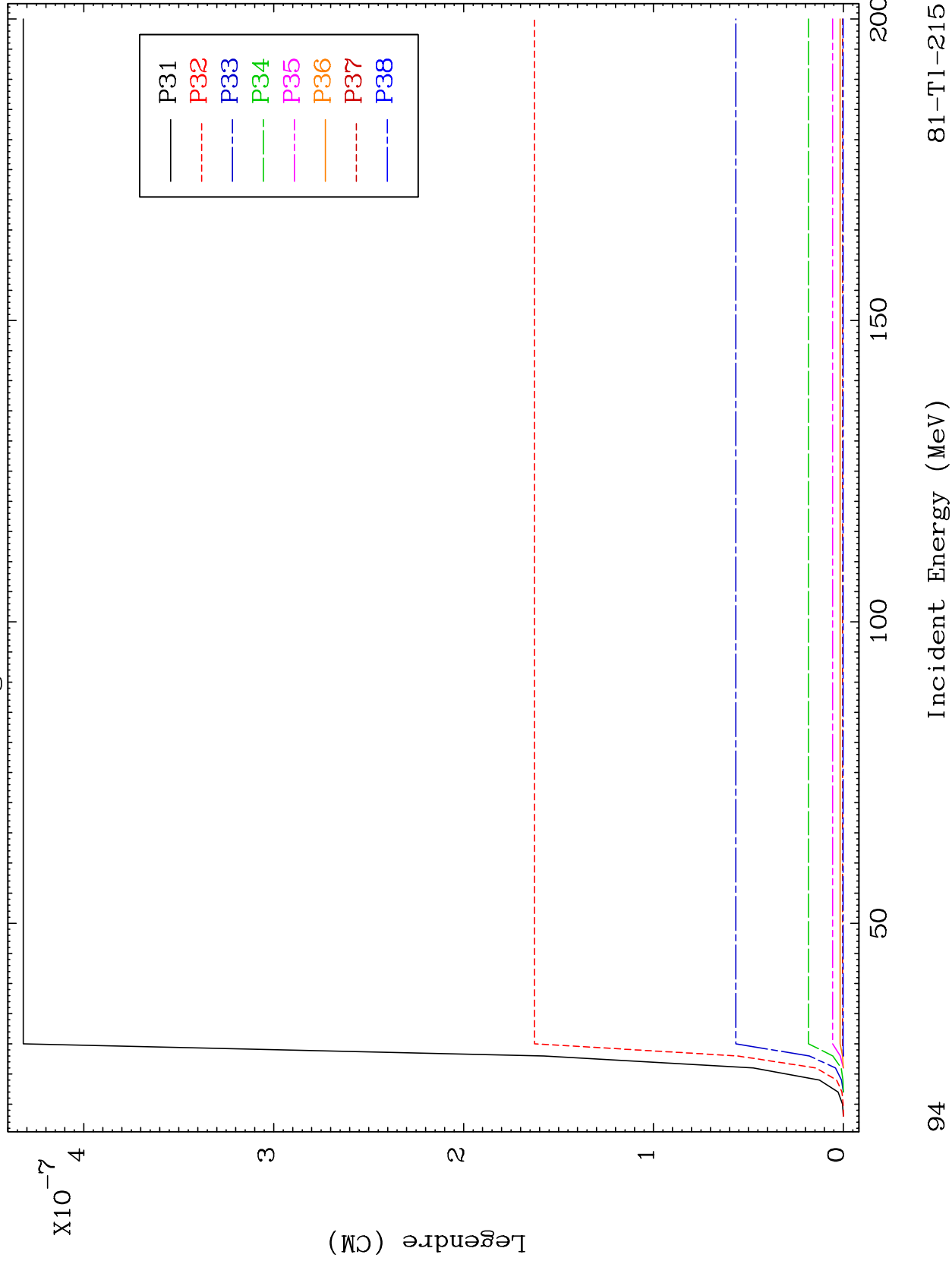
93

81-Tl-215

MAT 8161

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

81-T1-215



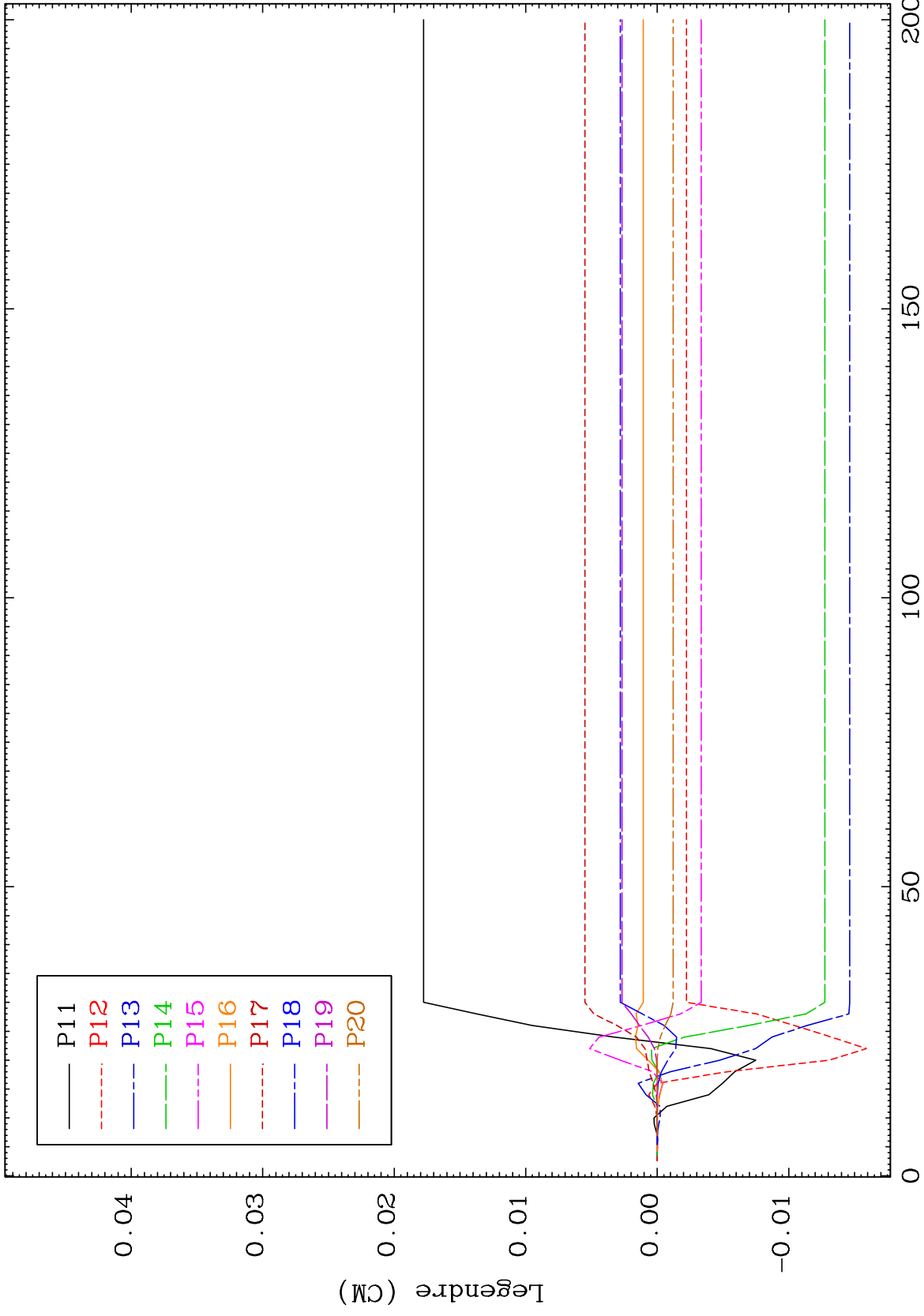




MAT 8161

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

81-T1-215



96

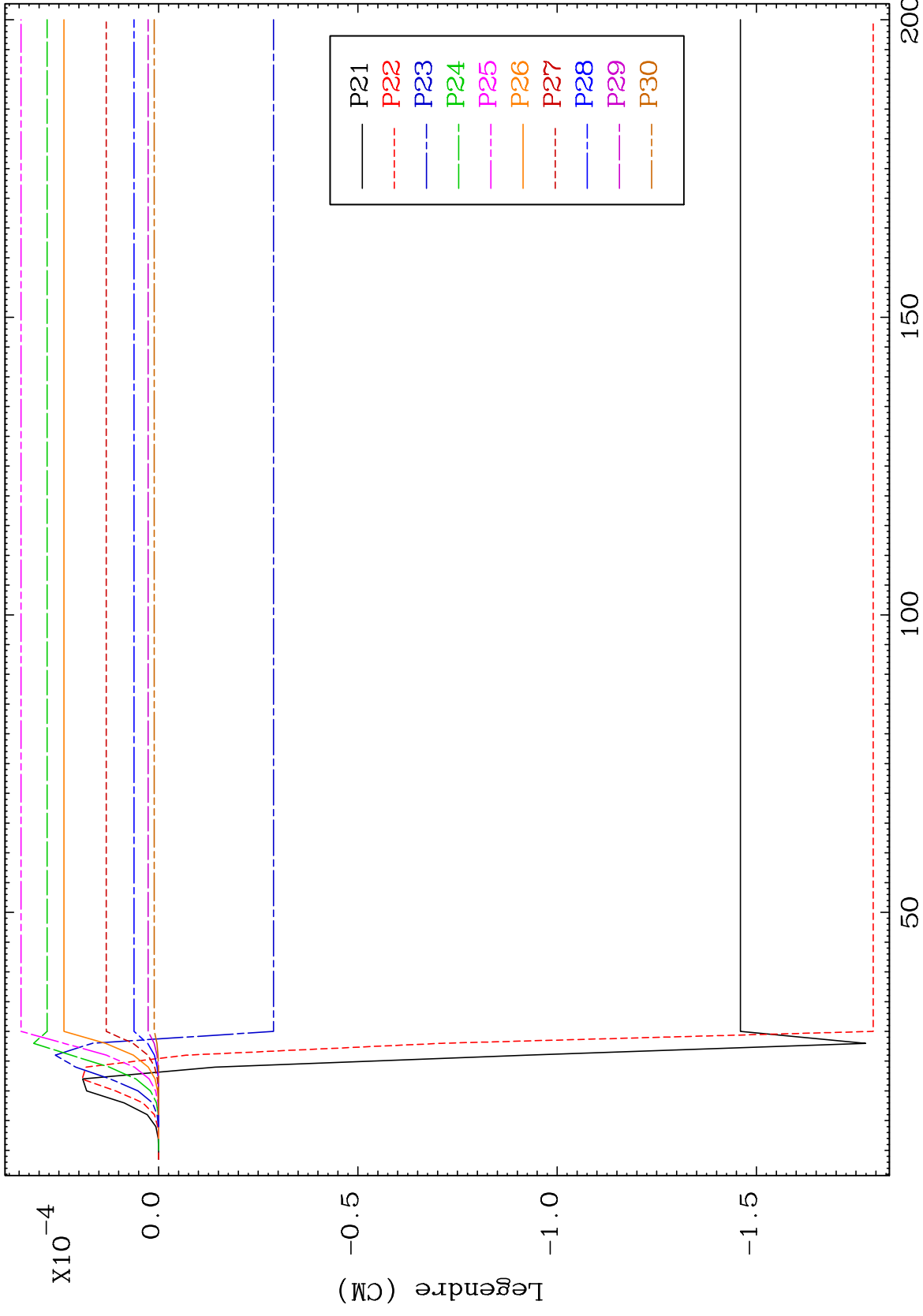
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-T1-215



97

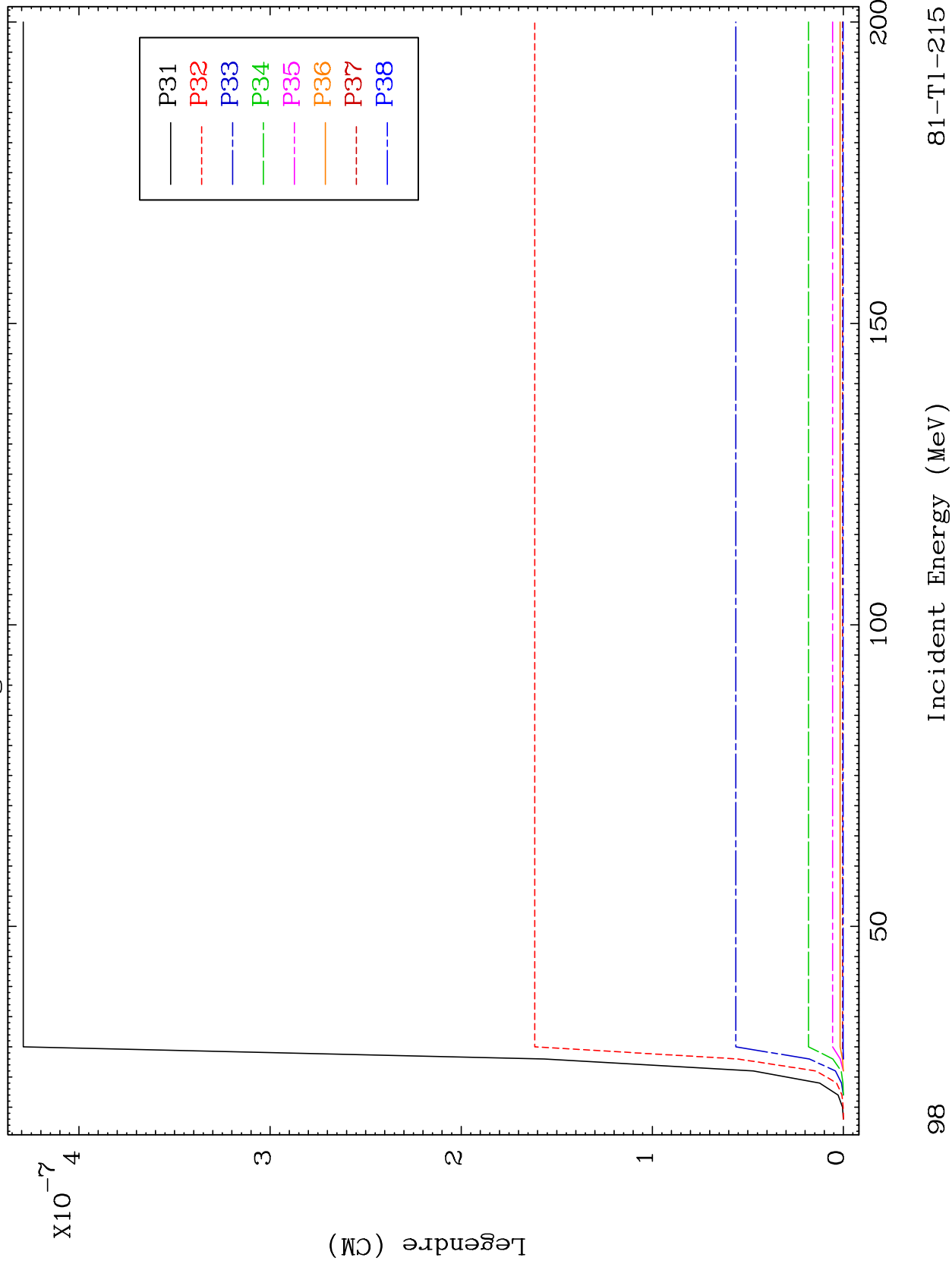
Incident Energy (MeV)

81-T1-215

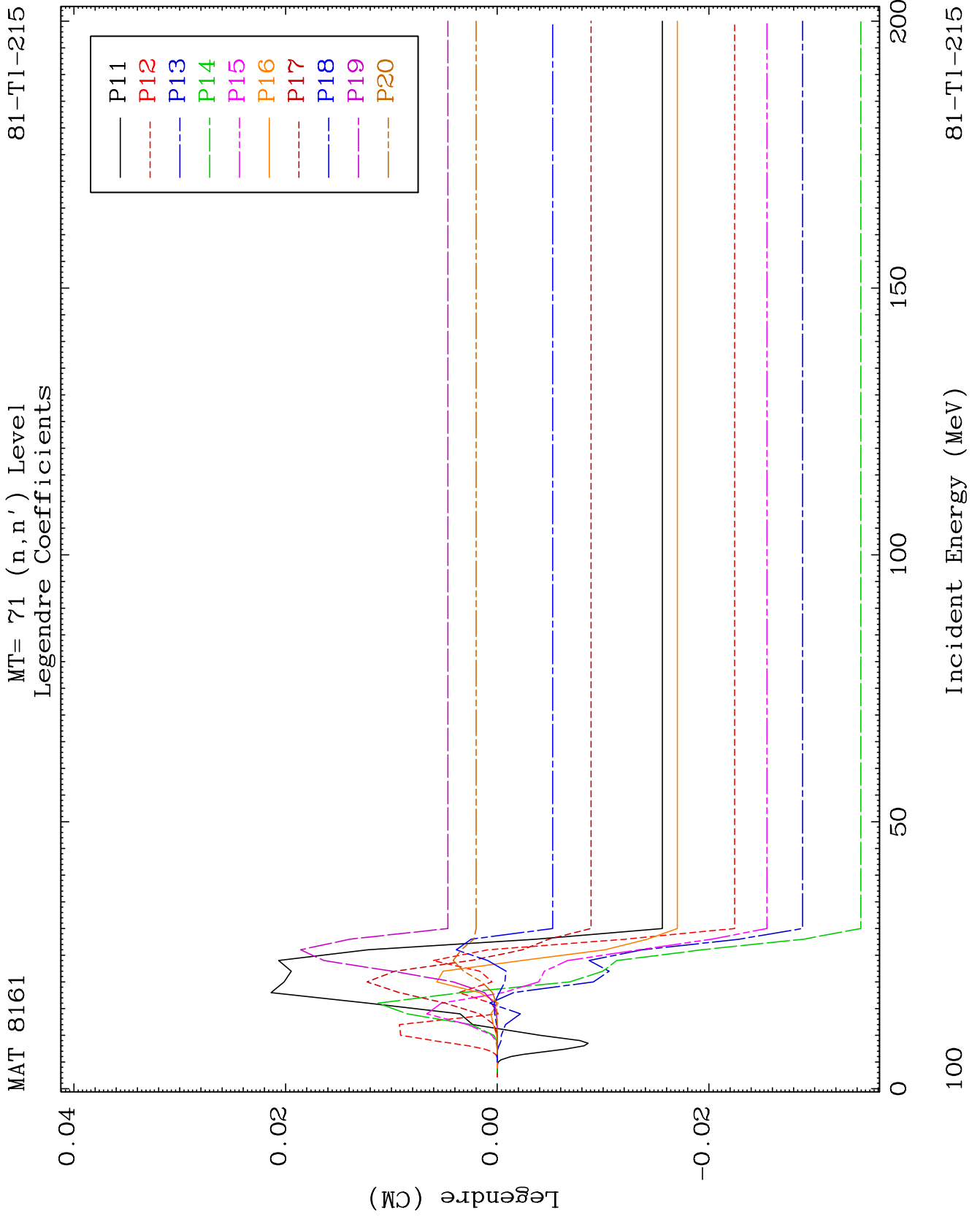
MAT 8161

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

81-T1-215



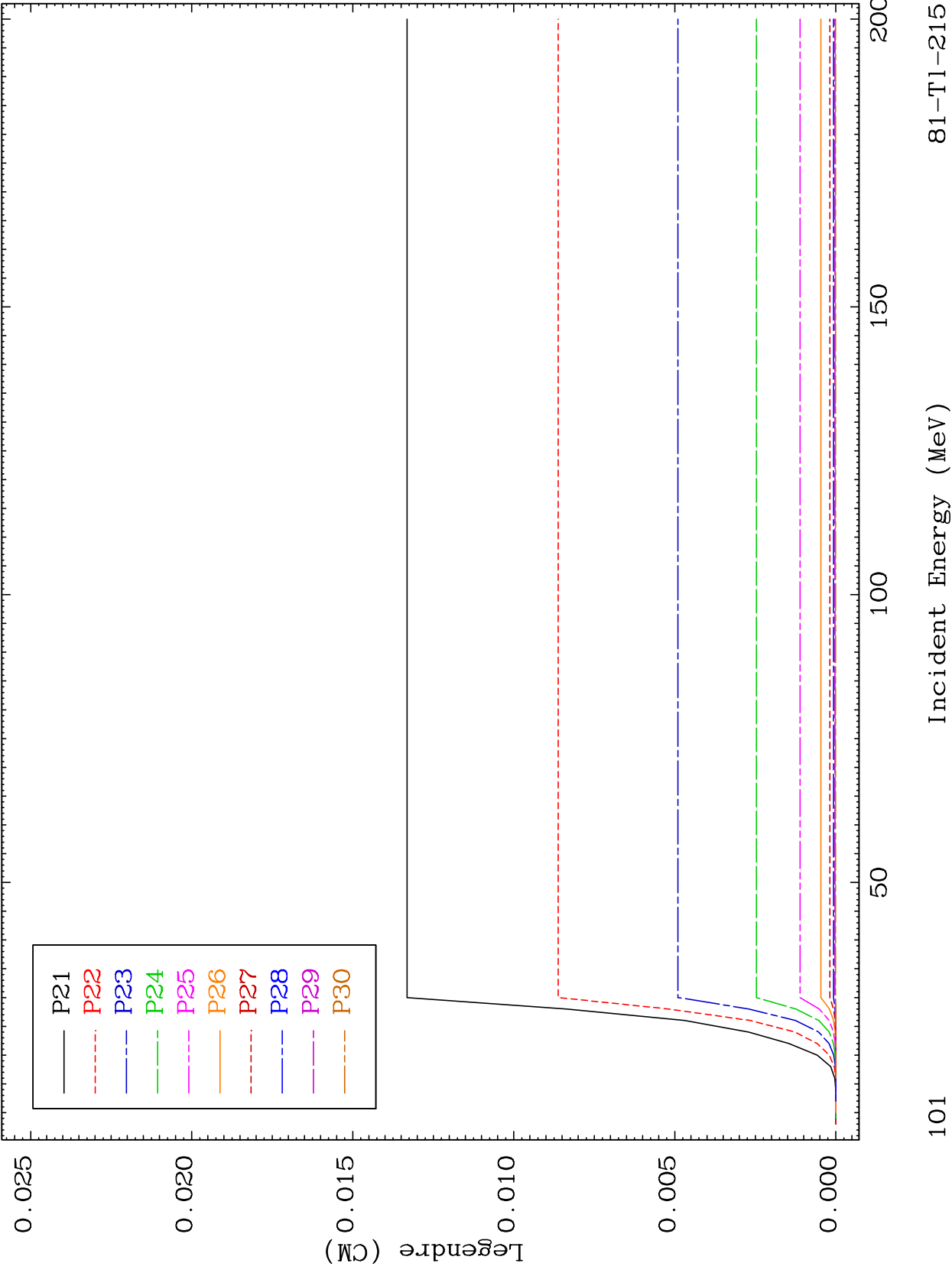




MAT 8161

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

81-Tl-215

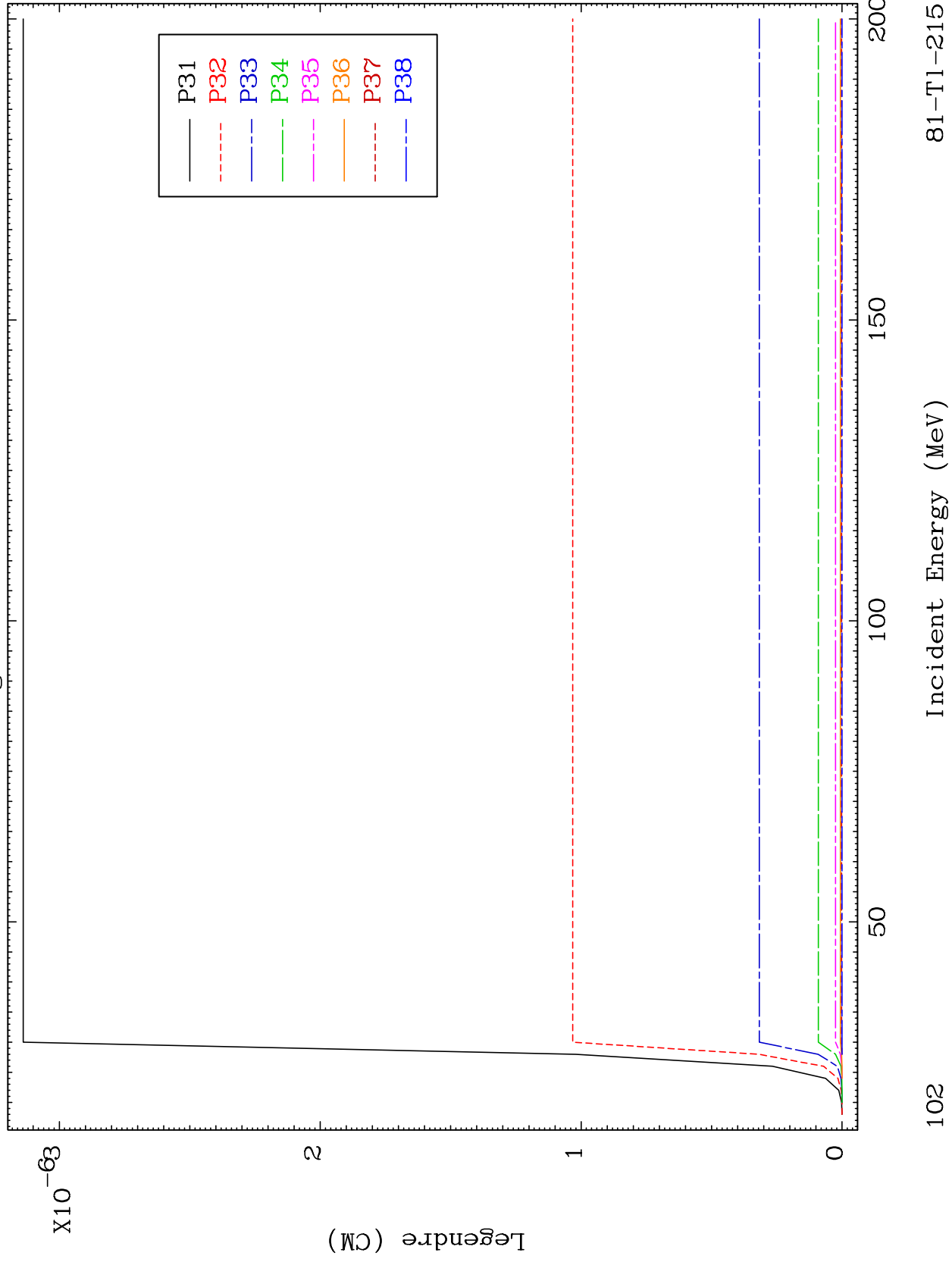


101

MAT 8161

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

81-T1-215



102

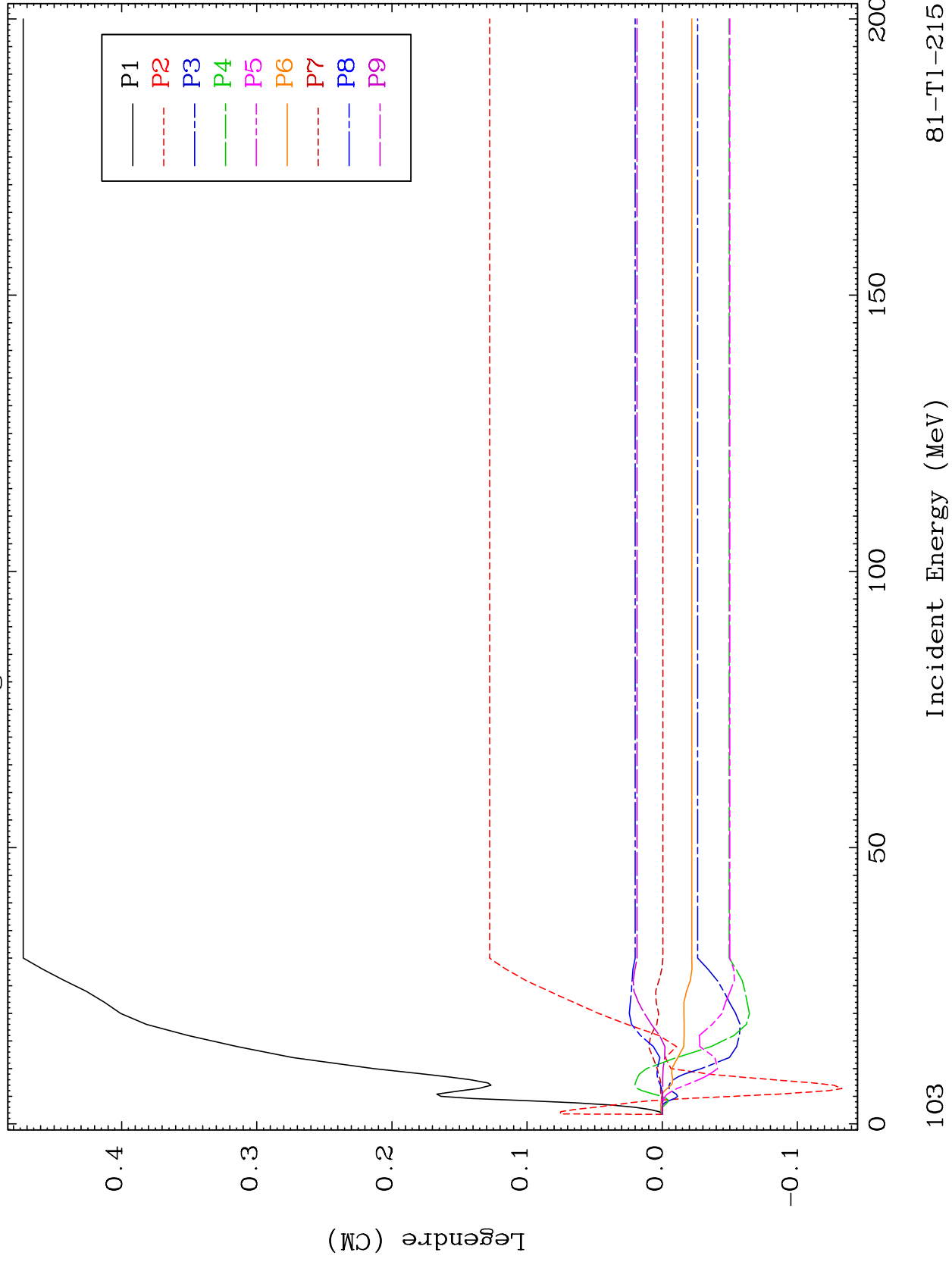
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-T1-215



81-T1-215

Incident Energy (MeV)

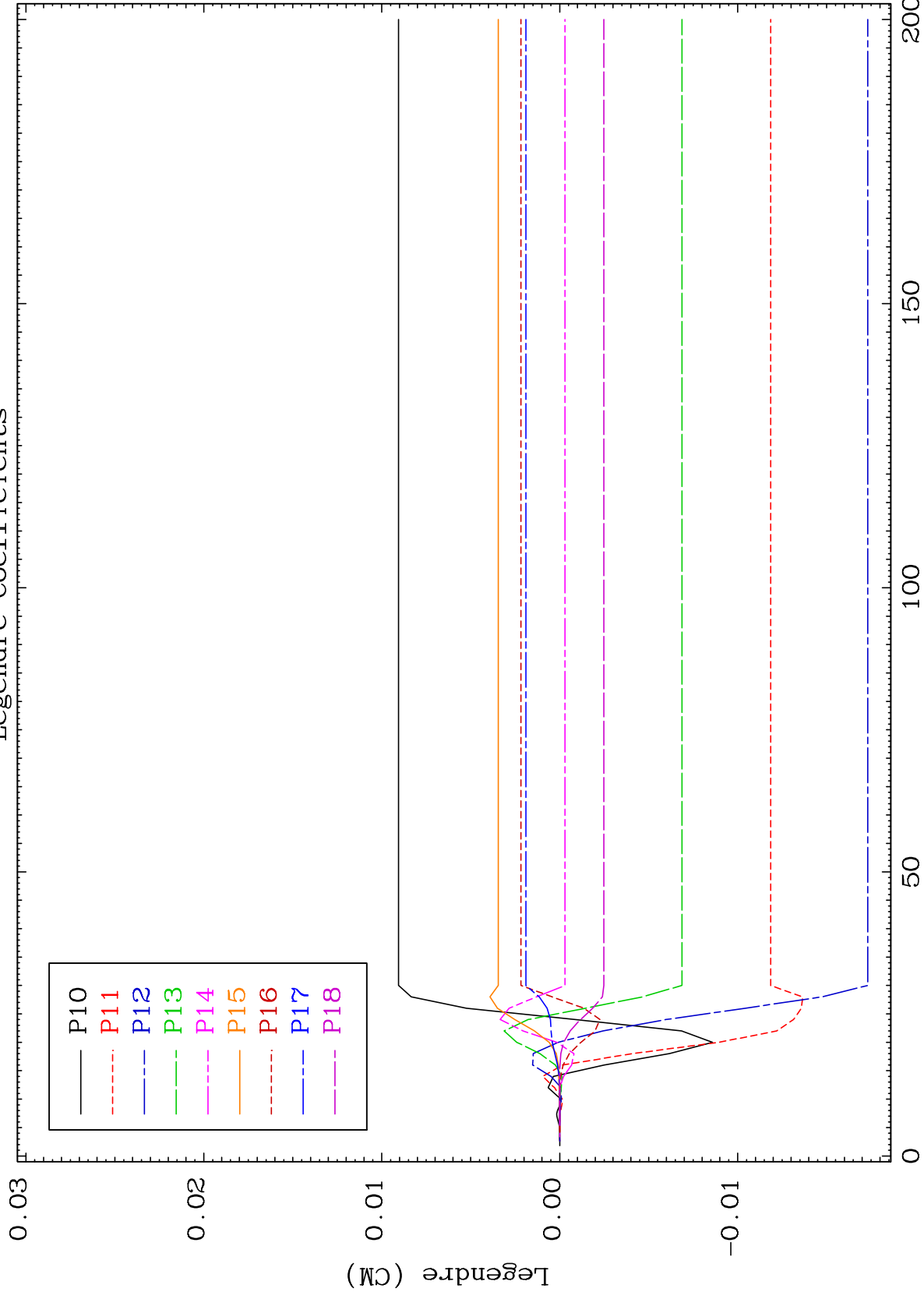
103



MAT 8161

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

81-T1-215



104

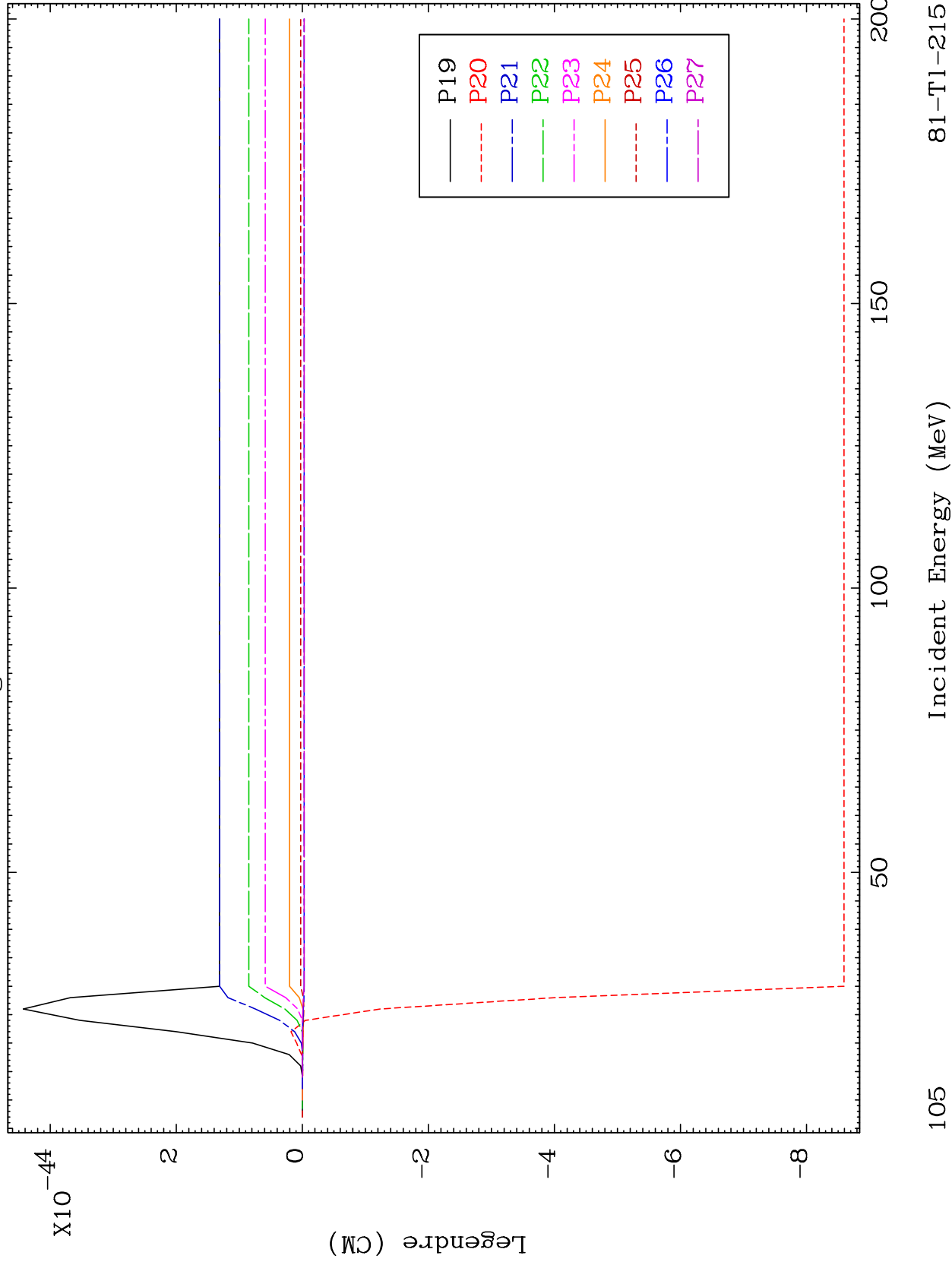
Incident Energy (MeV)

81-T1-215

MAT 8161

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

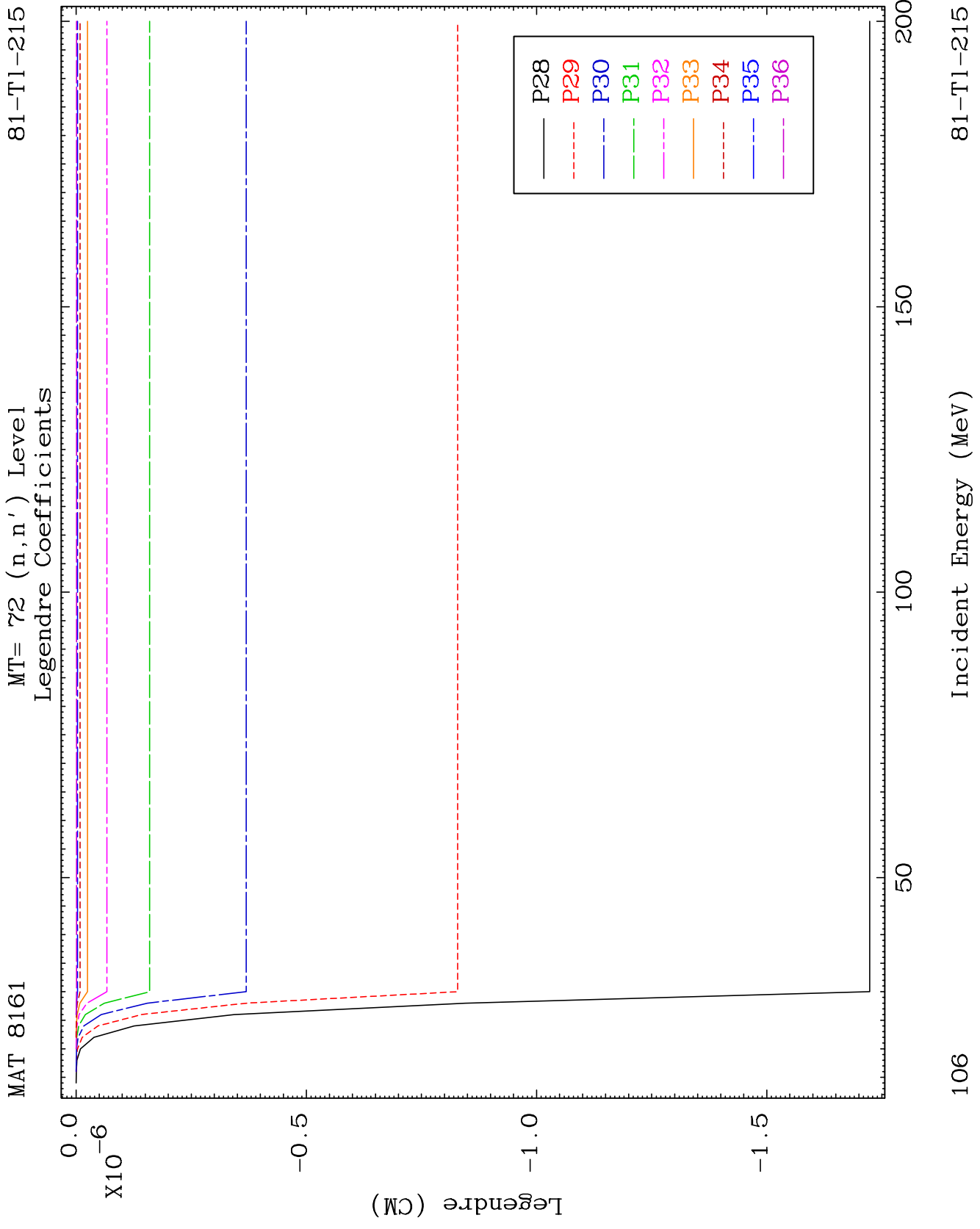
81-T1-215



105

Incident Energy (MeV)

81-T1-215

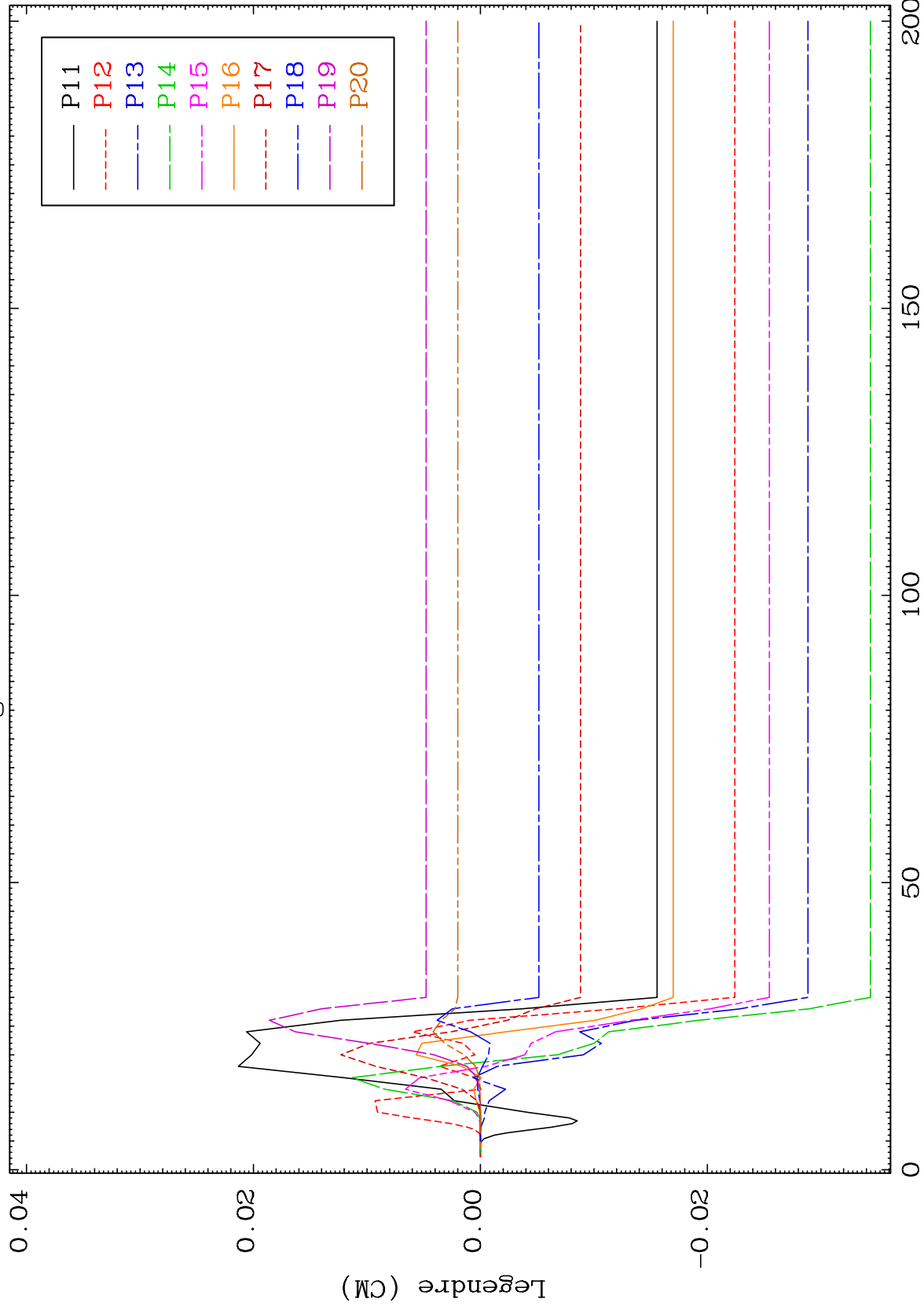




MAT 8161

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

81-T1-215



108

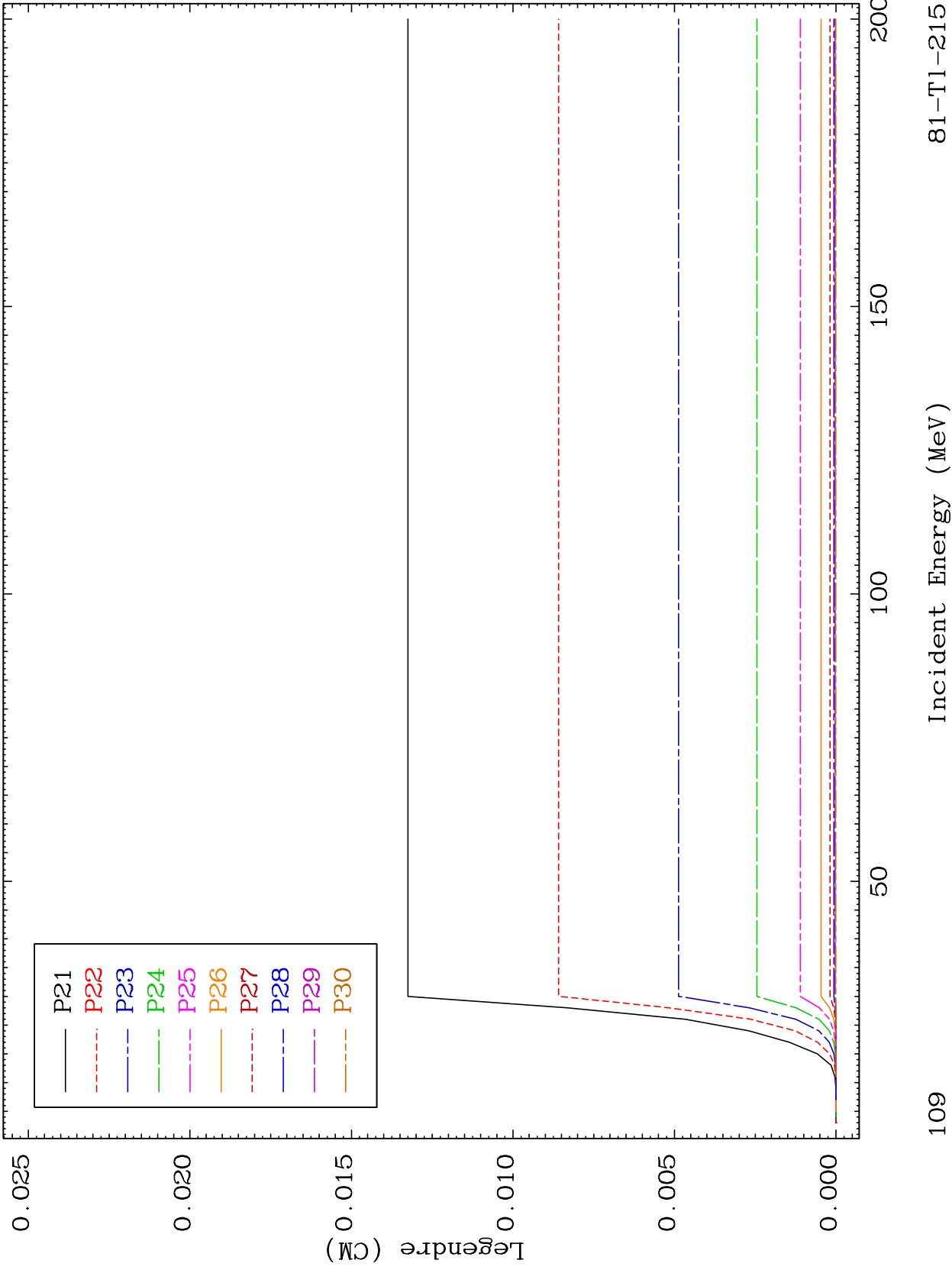
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-T1-215



109

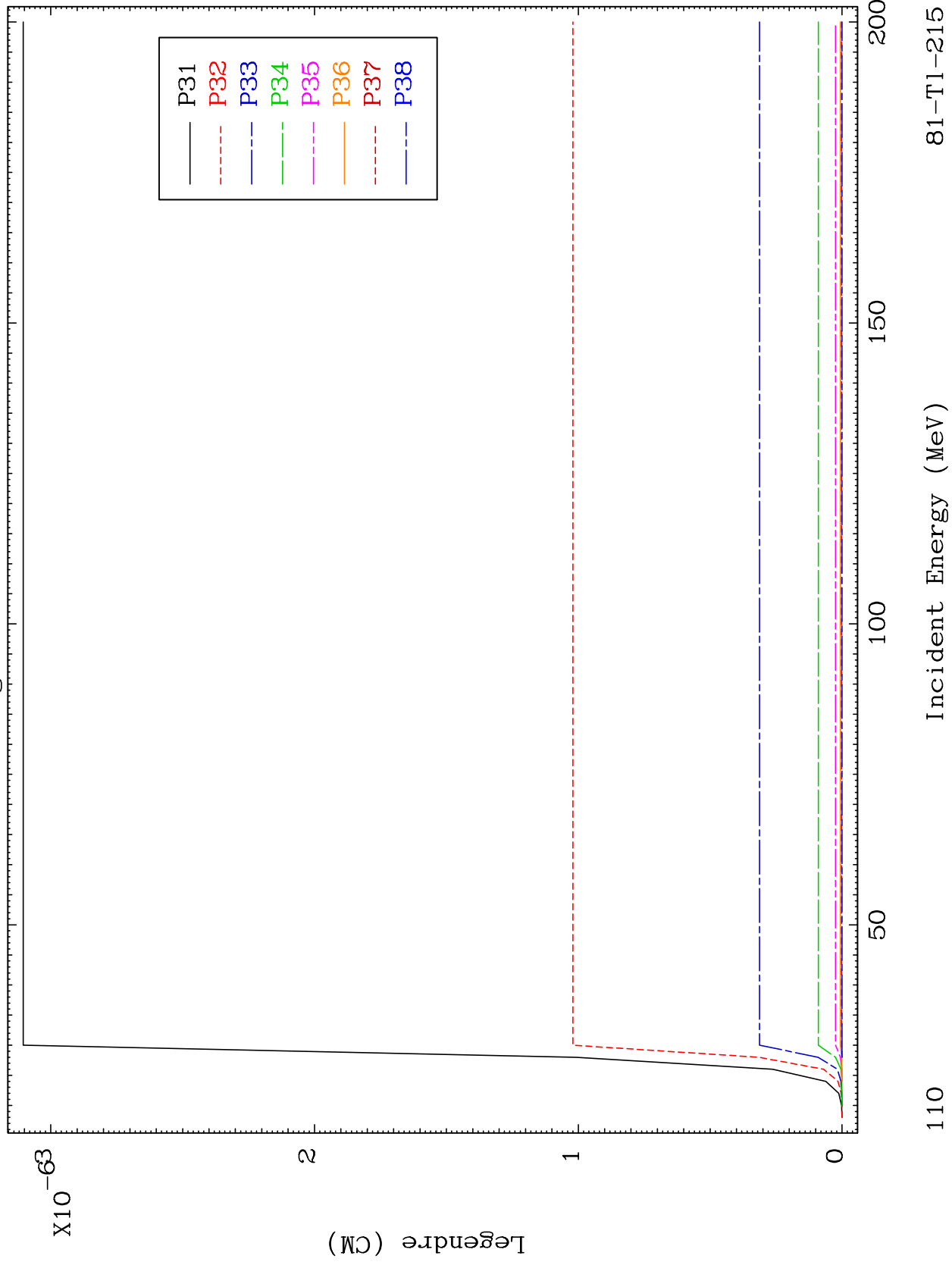
Incident Energy (MeV)

81-T1-215

MAT 8161

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

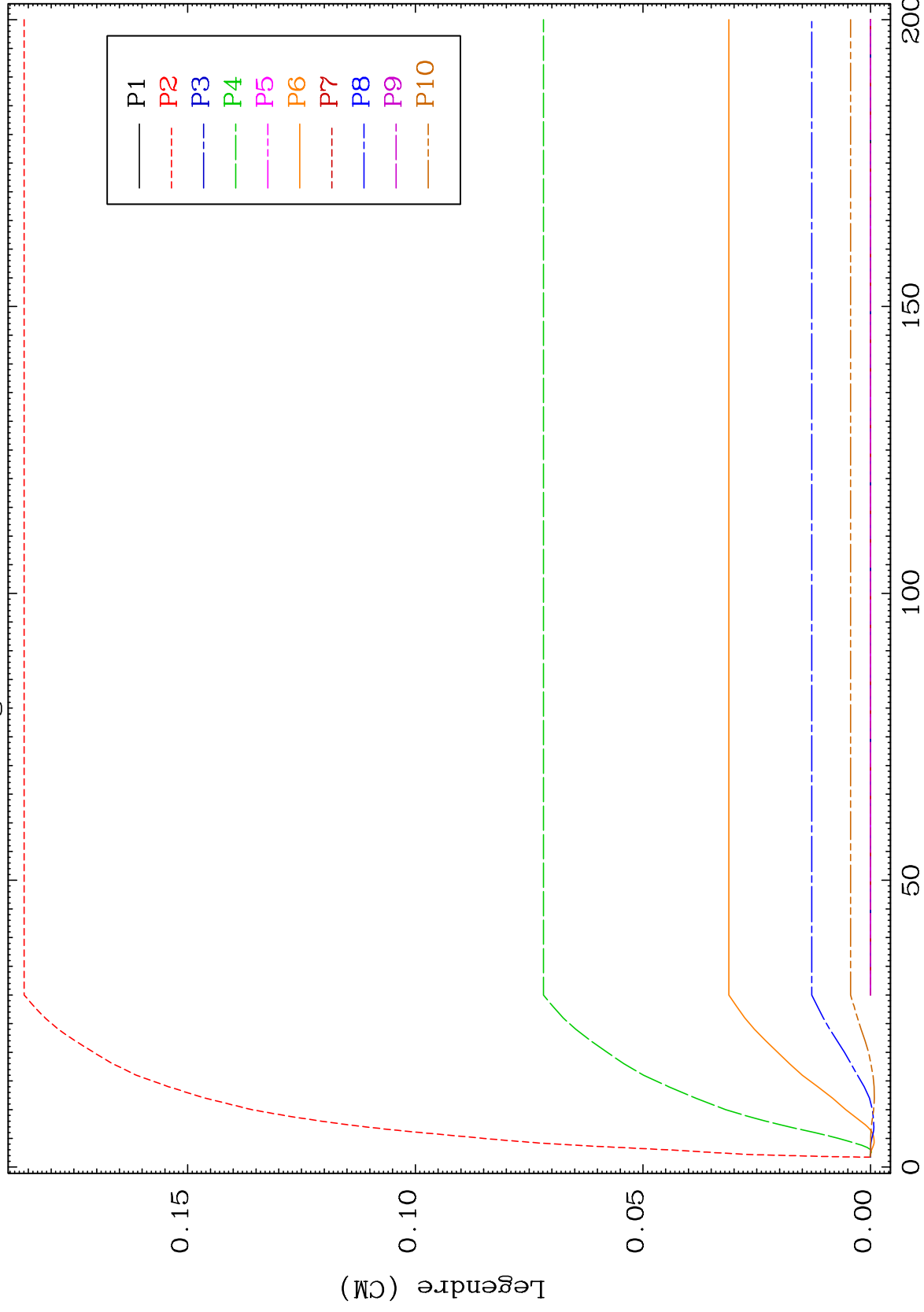
81-T1-215



MAT 8161

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

81-T1-215



111

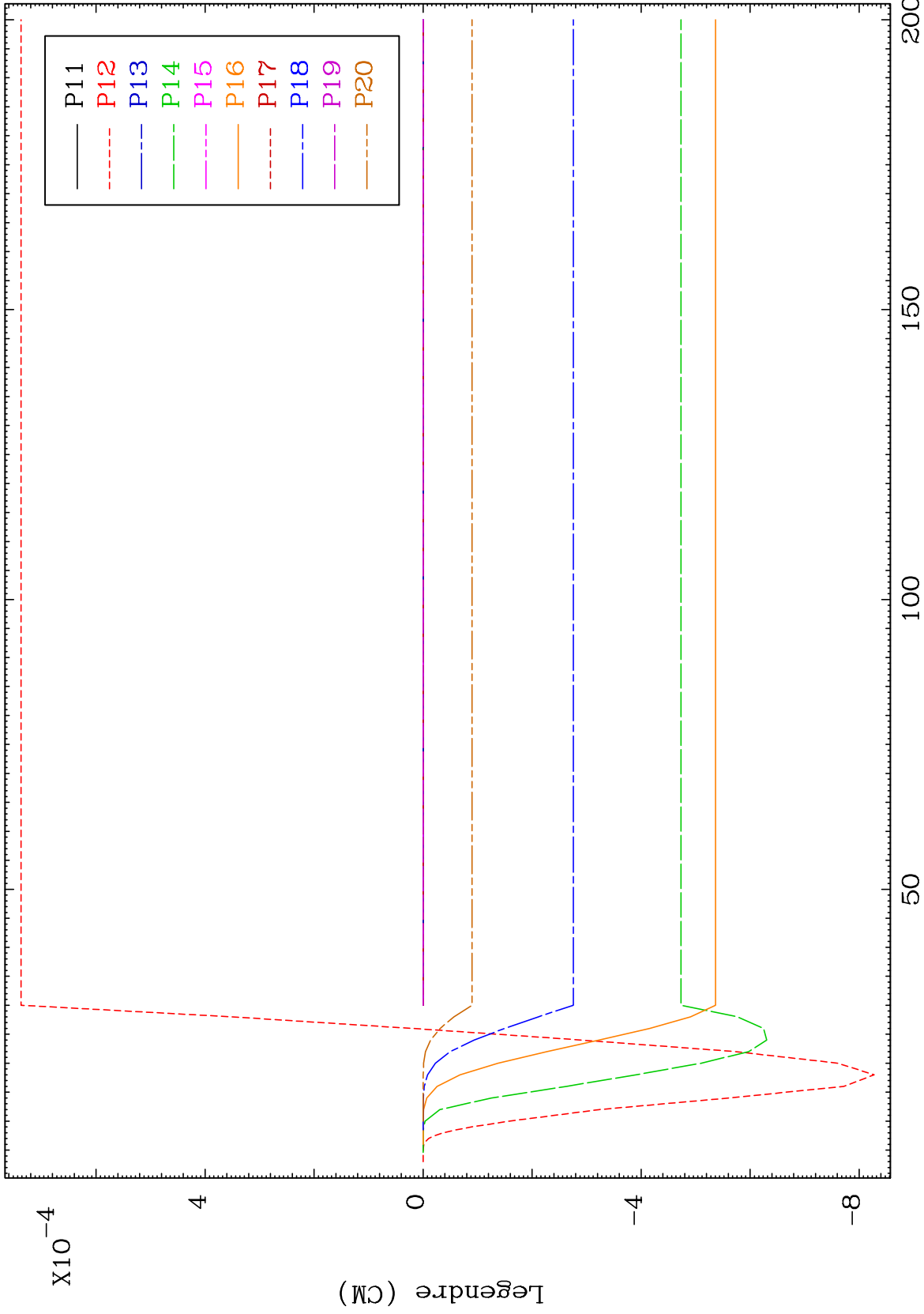
81-T1-215



MAT 8161

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

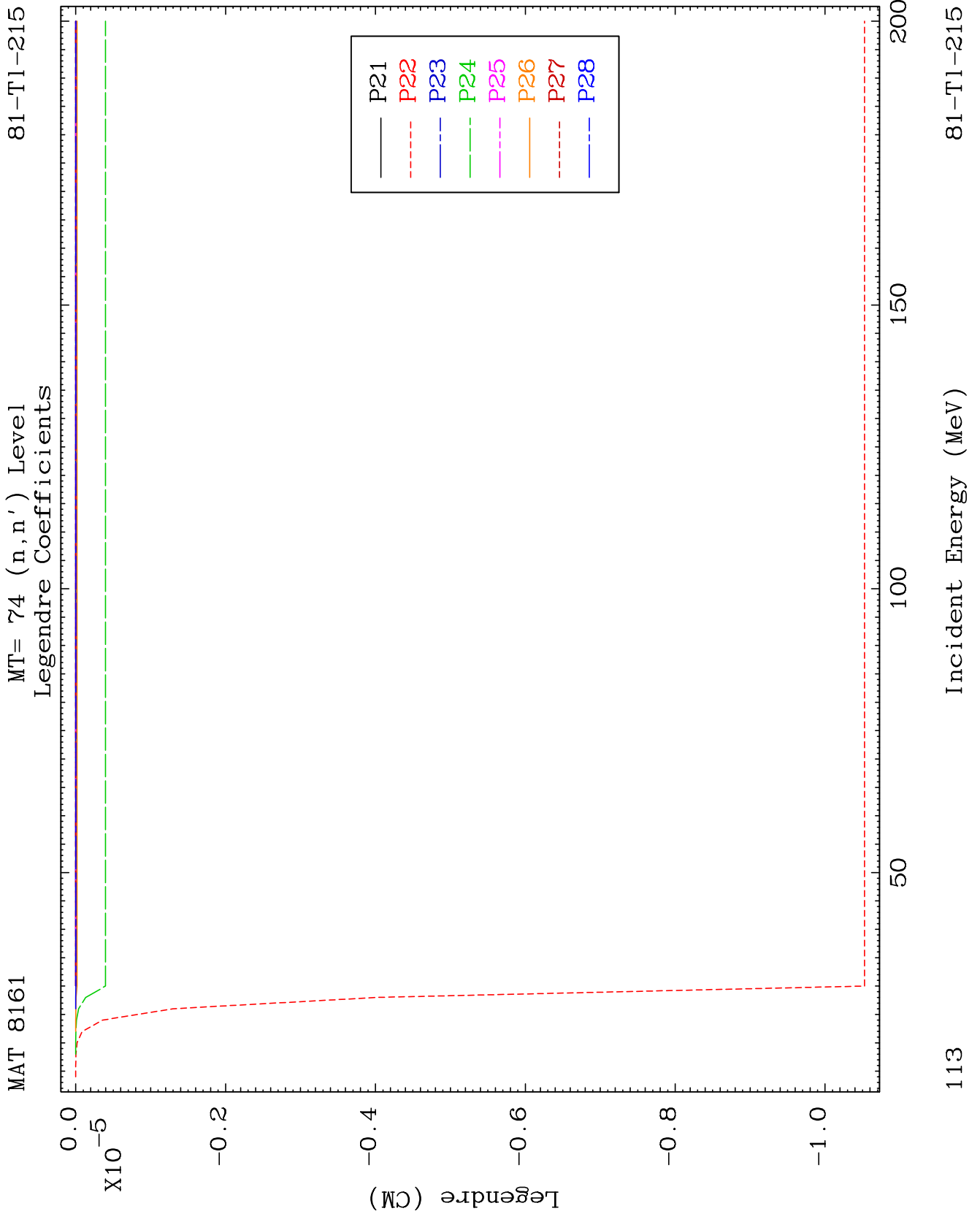
81-Tl-215



112

Incident Energy (MeV)

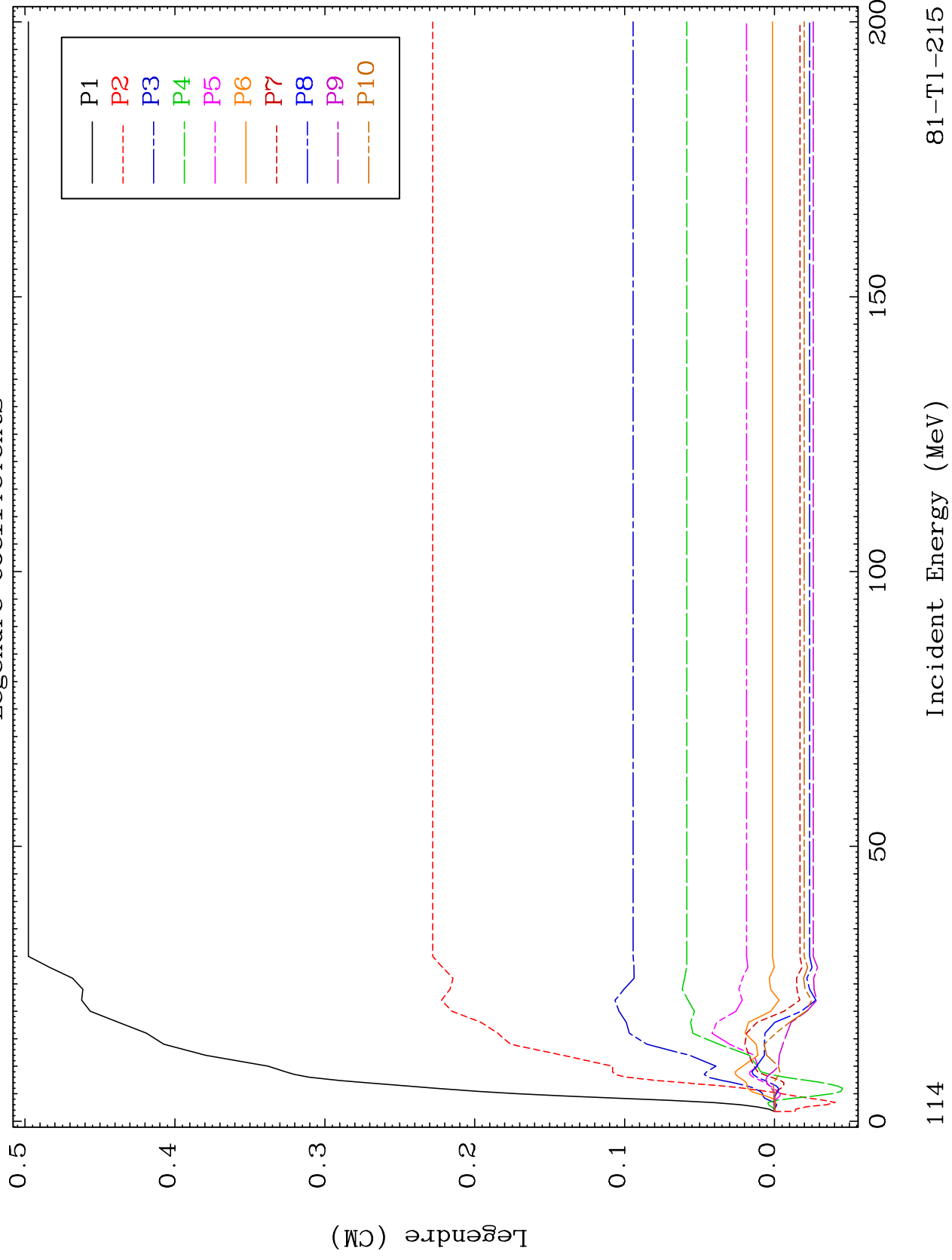
81-Tl-215



MAT 8161

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

81-T1-215



114

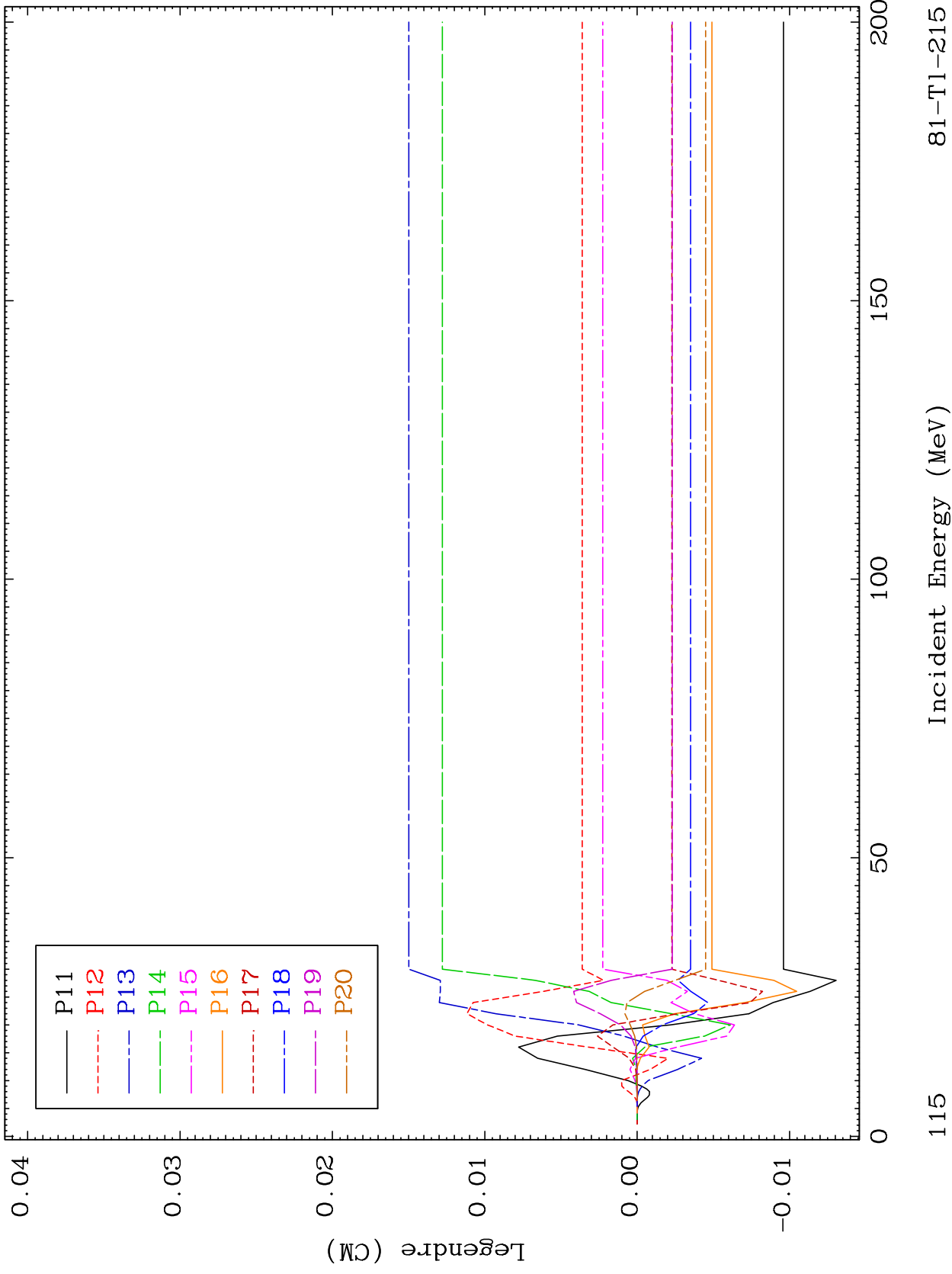
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-T1-215



81-T1-215

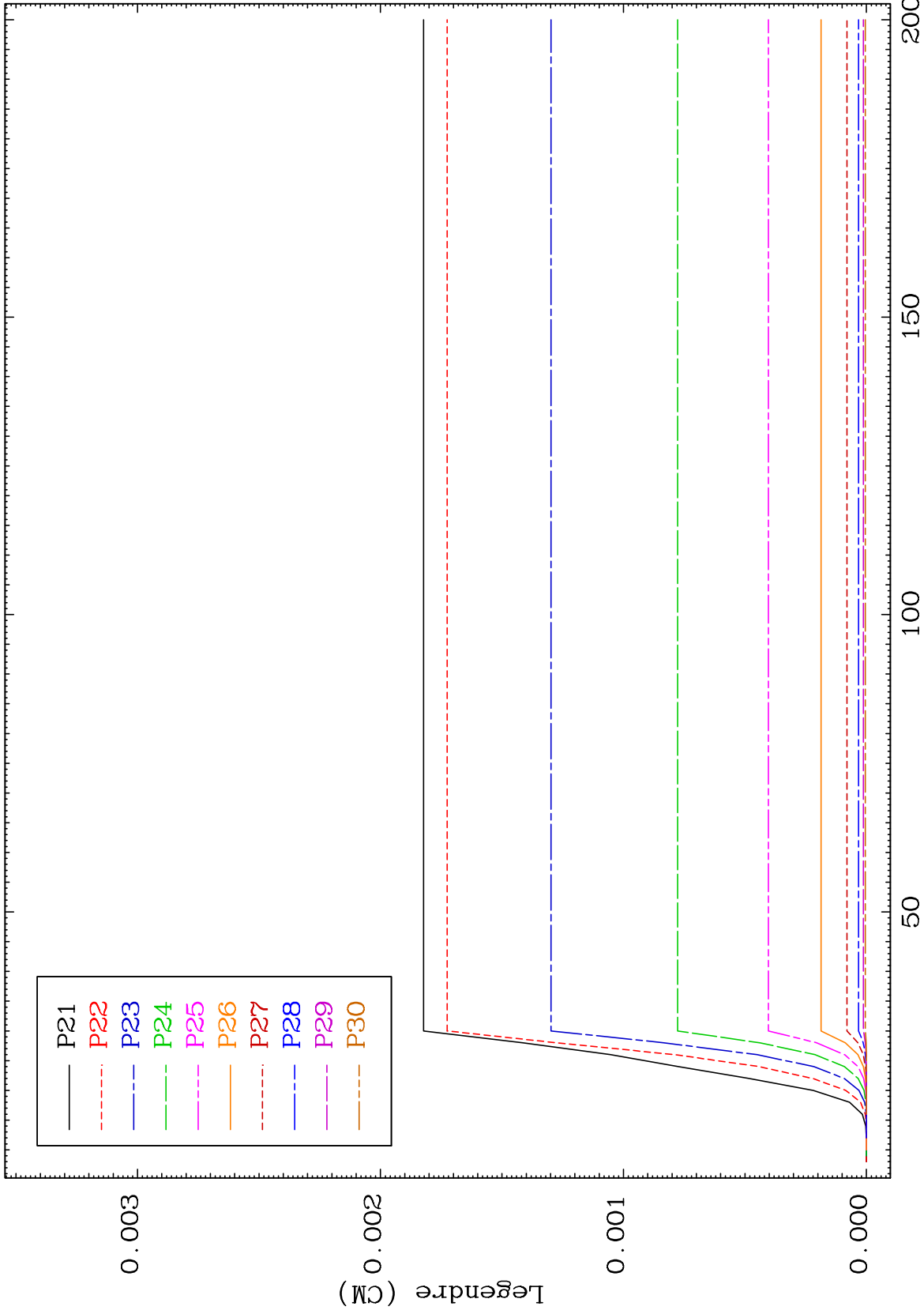
Incident Energy (MeV)

115

MAT 8161

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

81-Tl-215



116

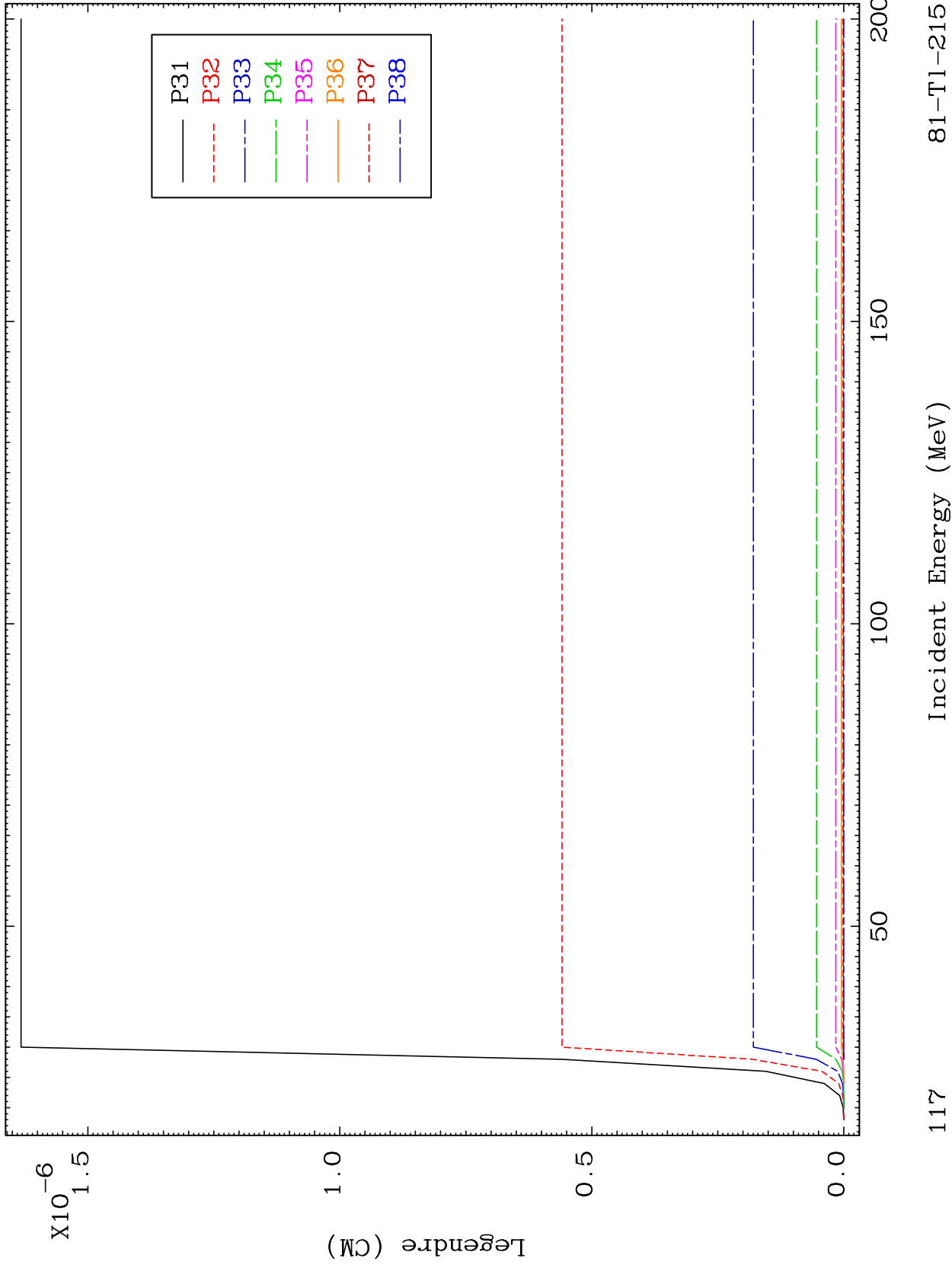
Incident Energy (MeV)

81-Tl-215

MAT 8161

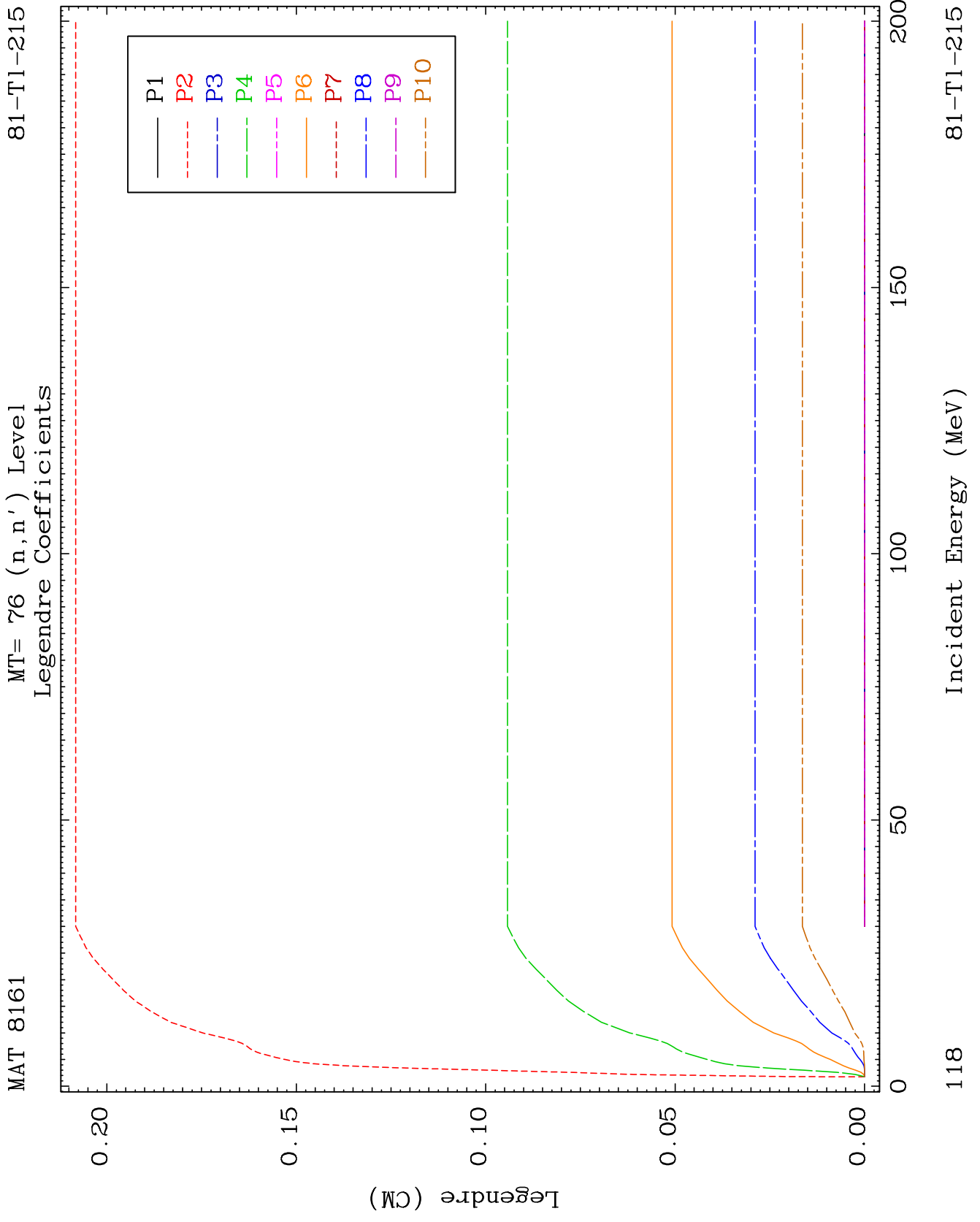
81-T1-215

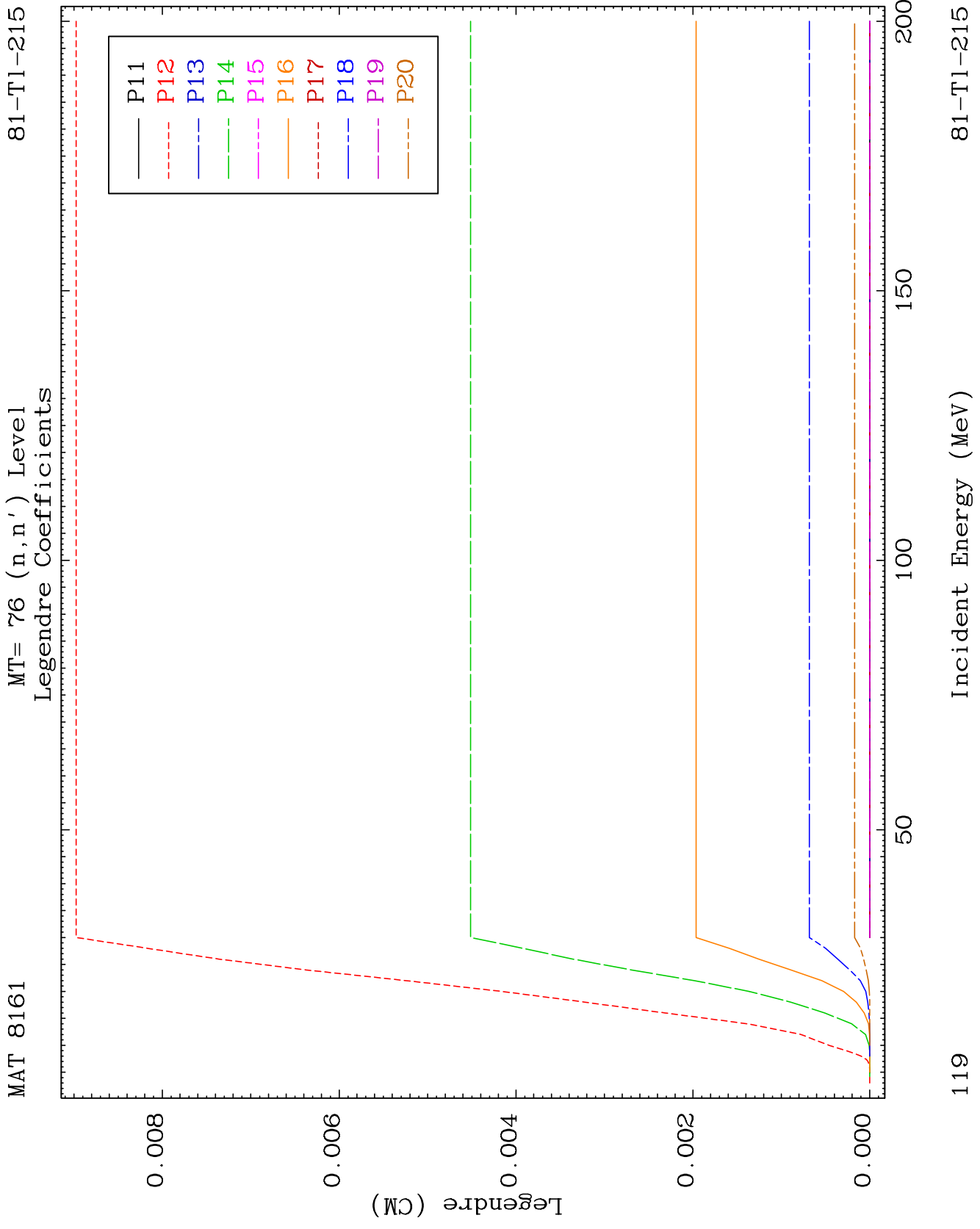
MT= 75 (n,n') Level  
Legendre Coefficients



117

81-T1-215







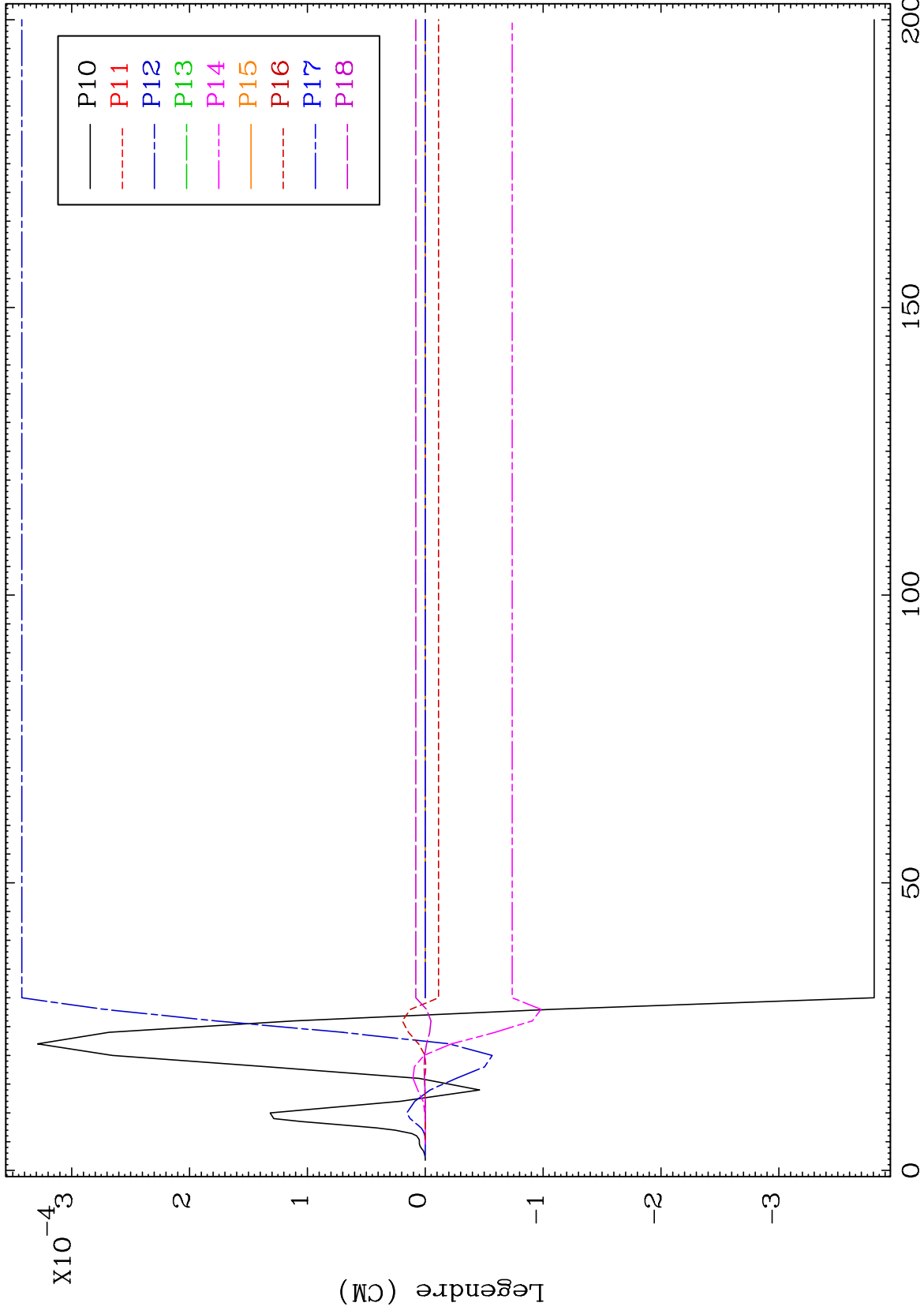




MAT 8161

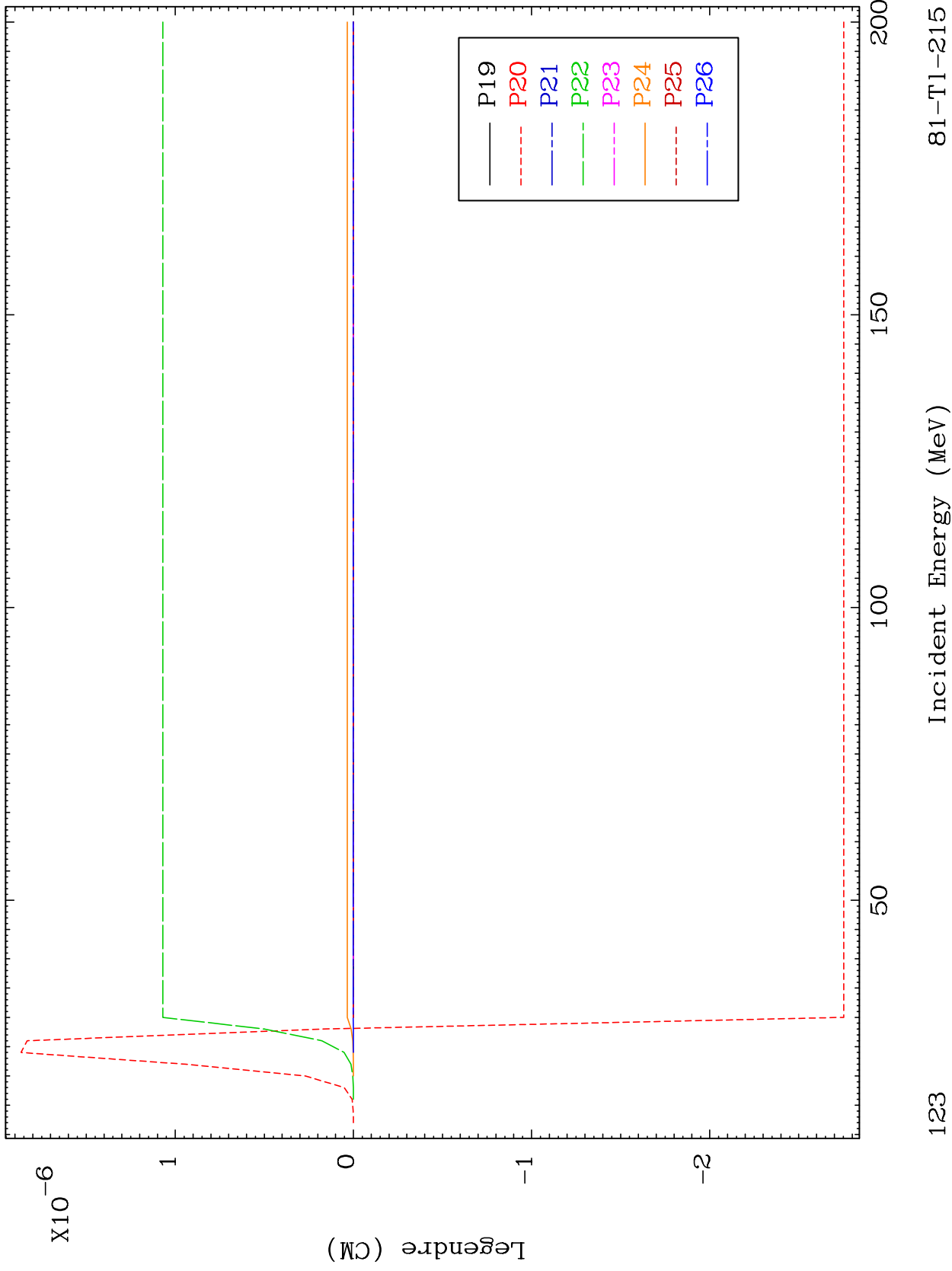
MT= 77 (n,n') Level  
Legendre Coefficients

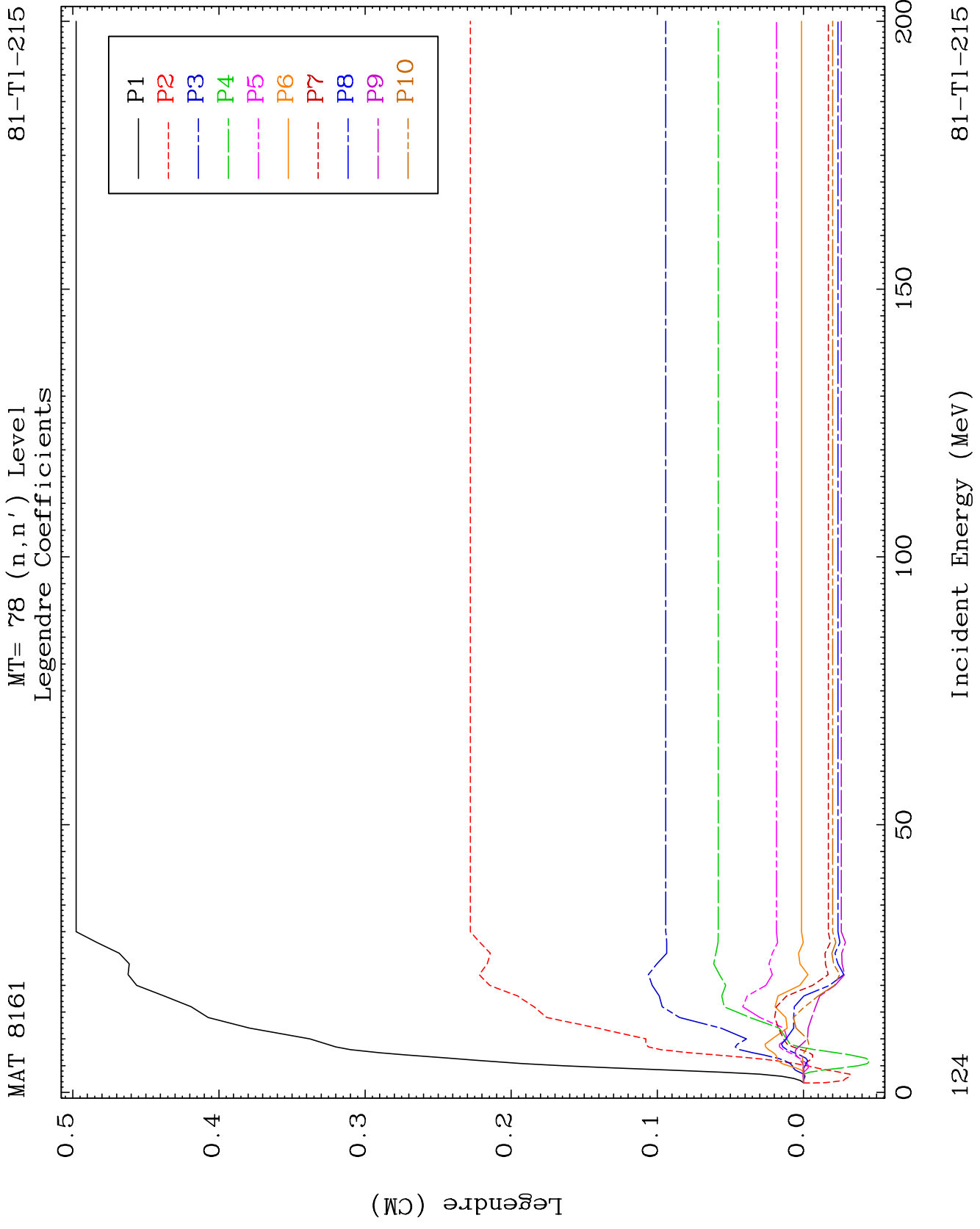
81-T1-215



122

81-T1-215

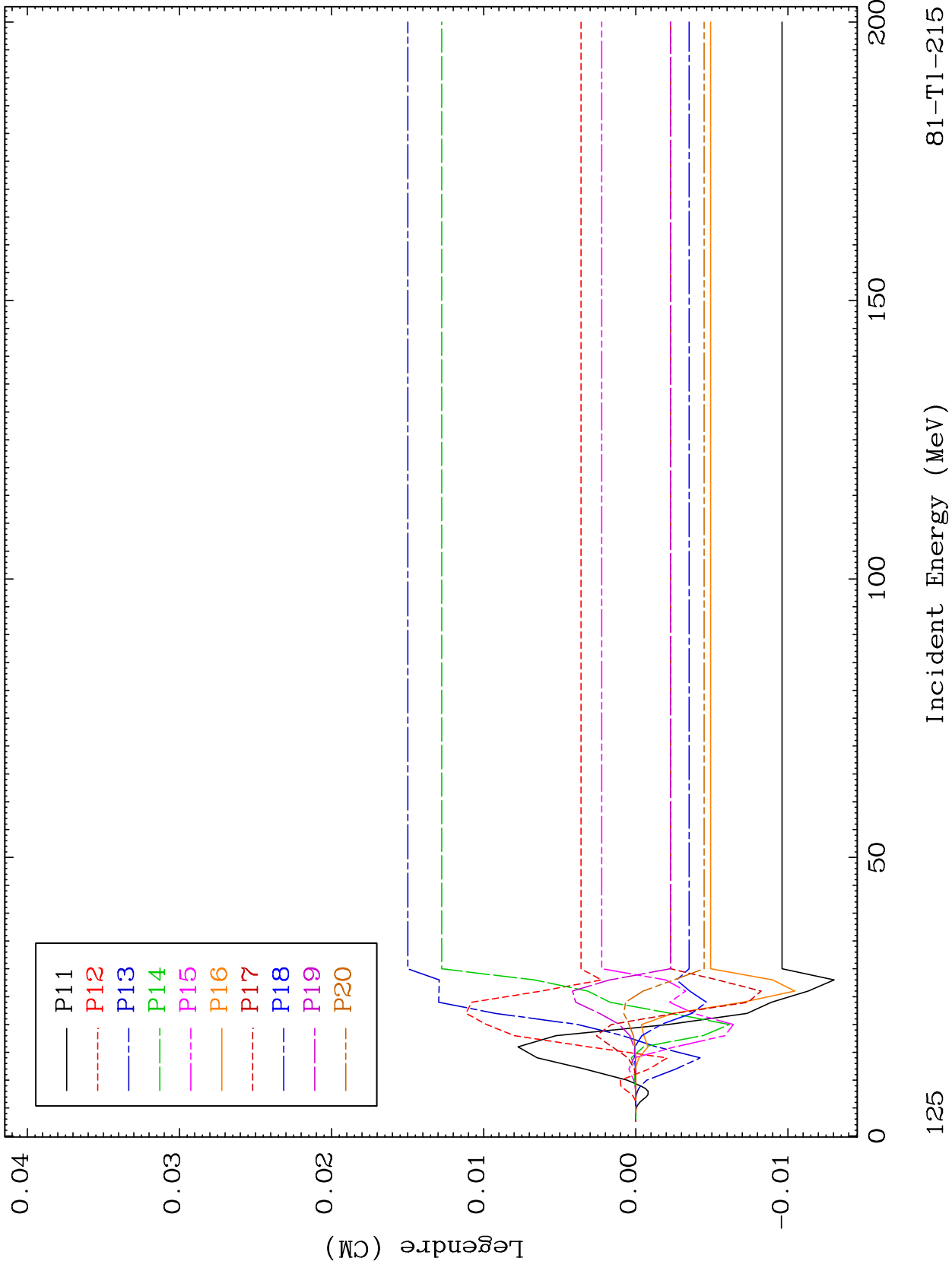




MAT 8161

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

81-Tl-215



81-Tl-215

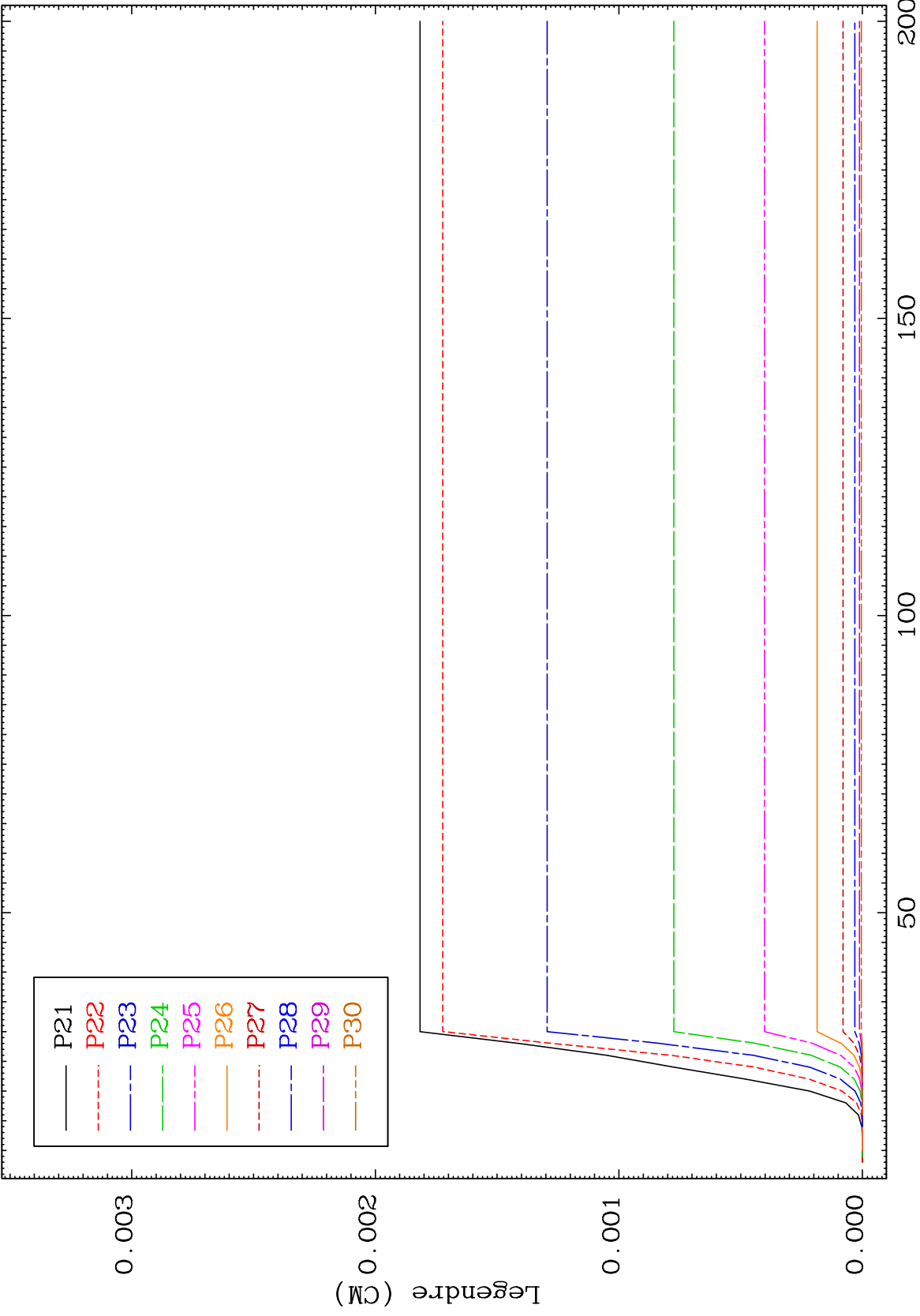
Incident Energy (MeV)

125

MAT 8161

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

81-Tl-215



126

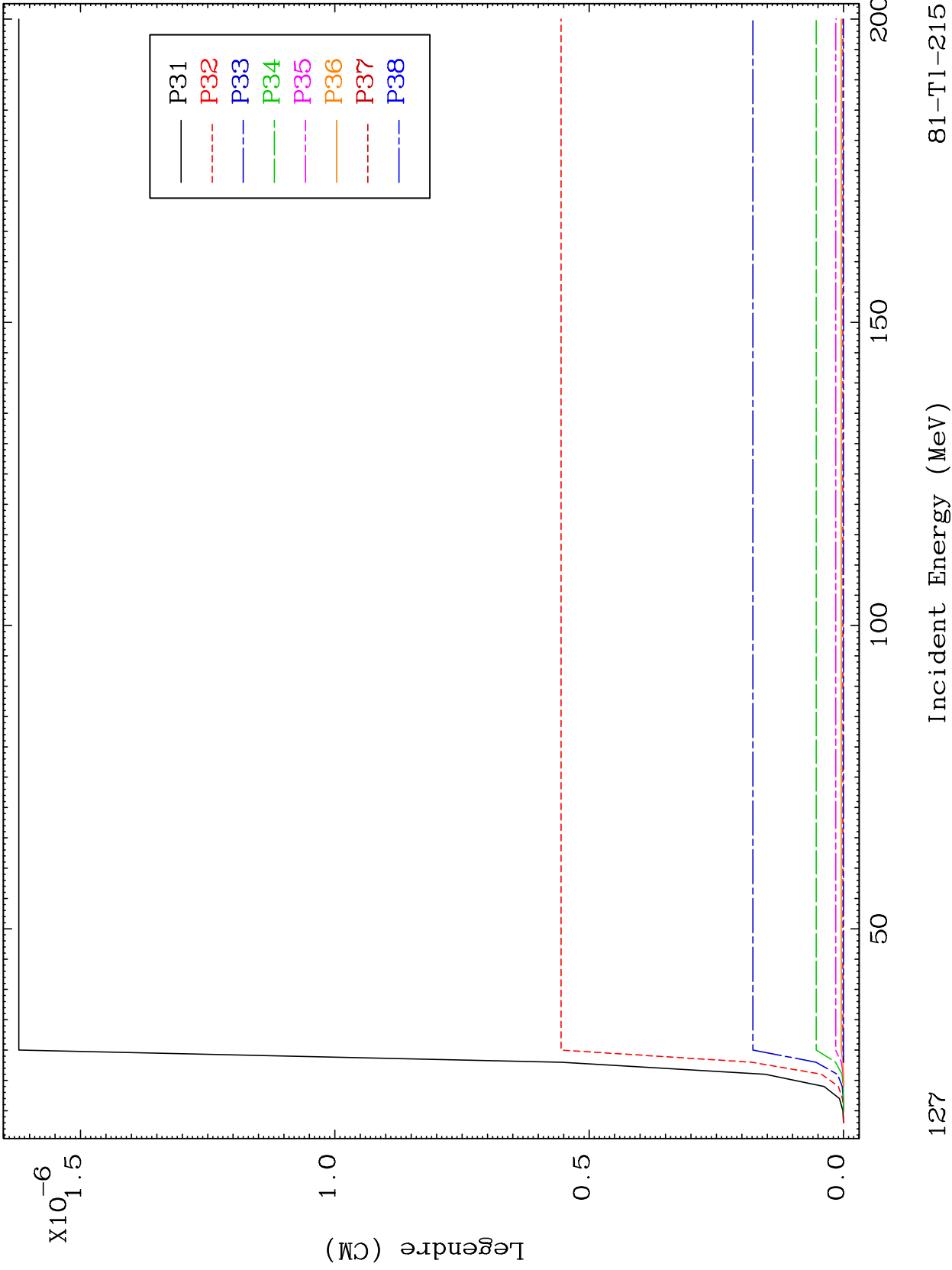
Incident Energy (MeV)

81-Tl-215

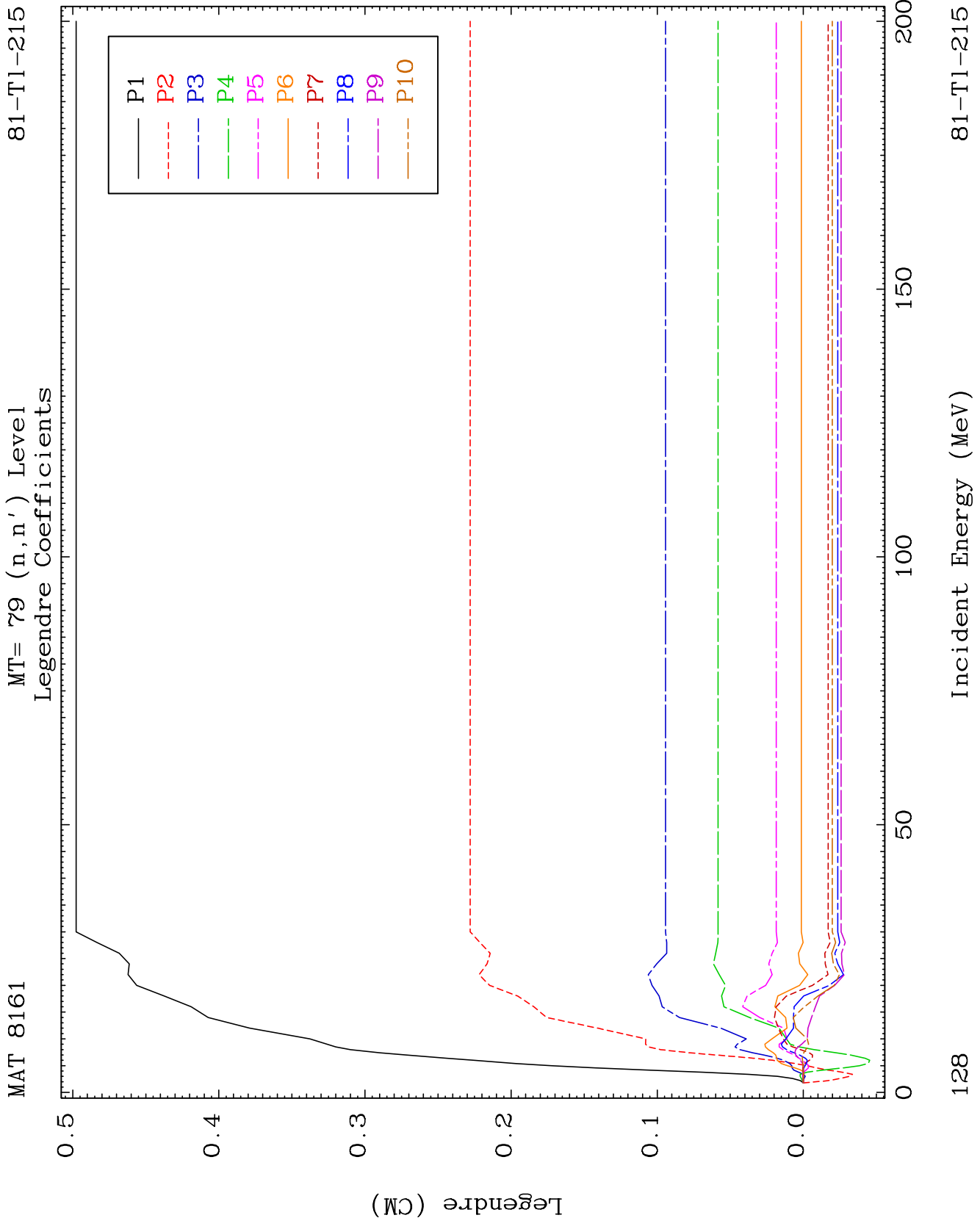
MAT 8161

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

81-T1-215



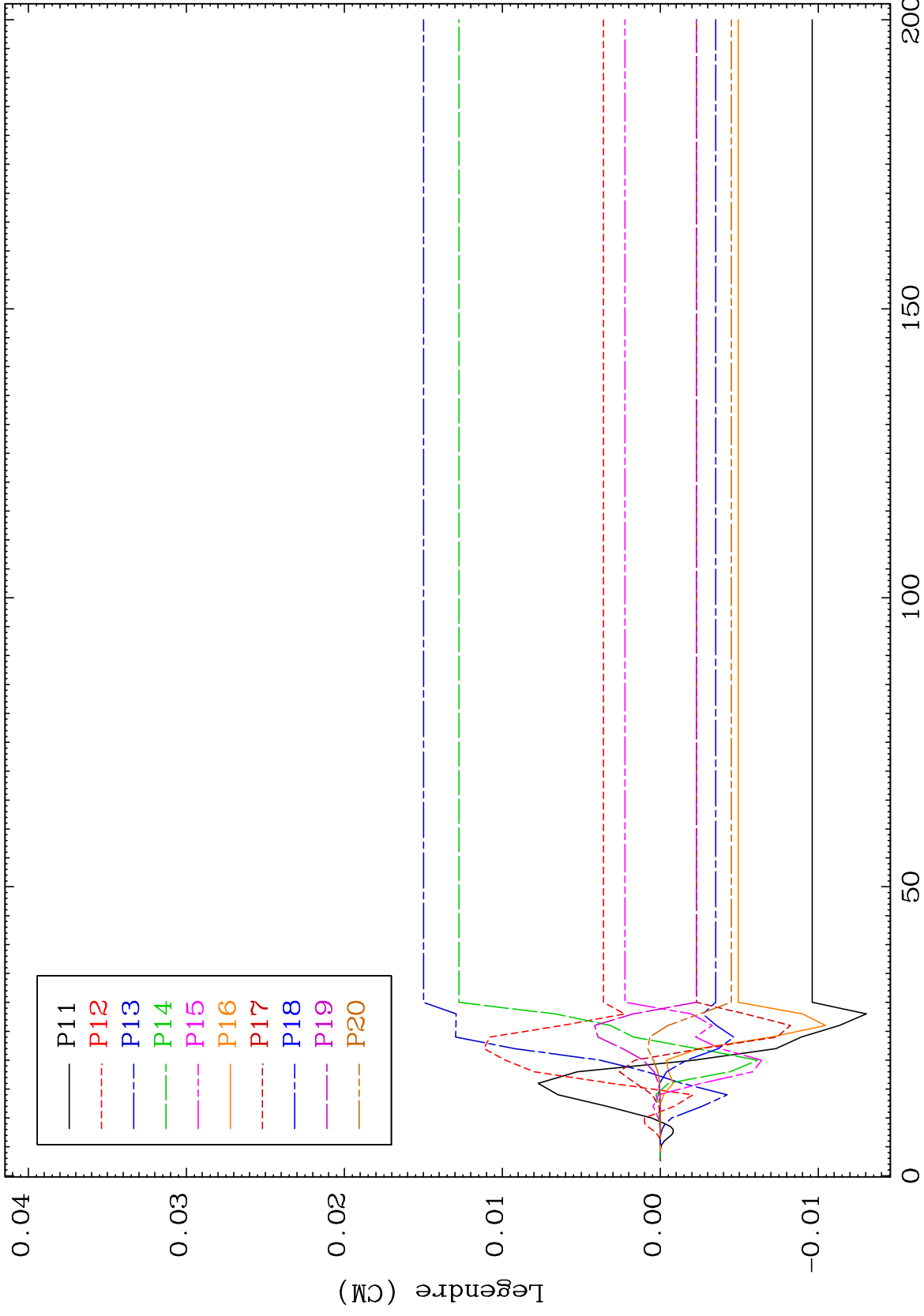




MAT 8161

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

81-T1-215



129

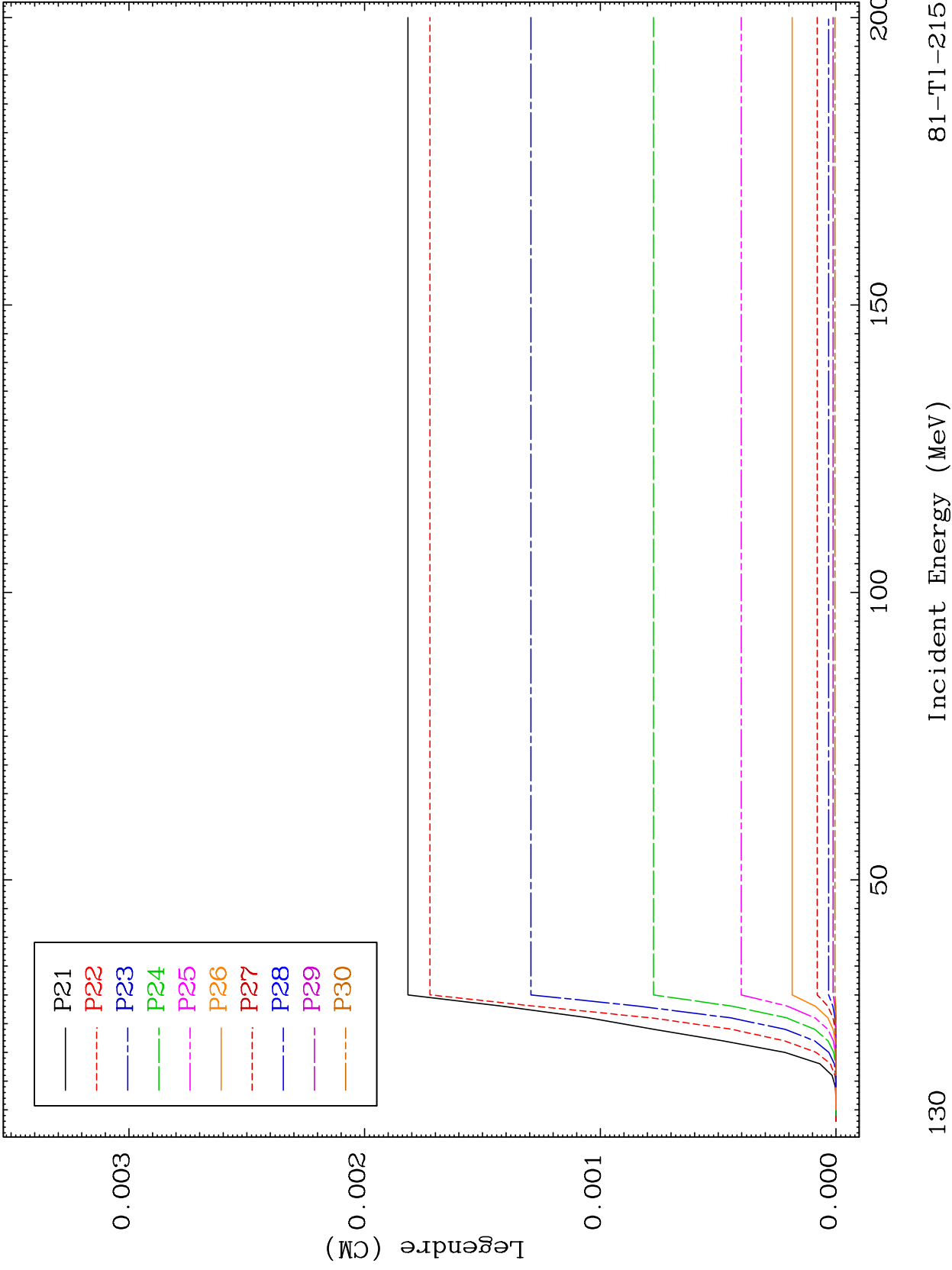
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-Tl-215



130

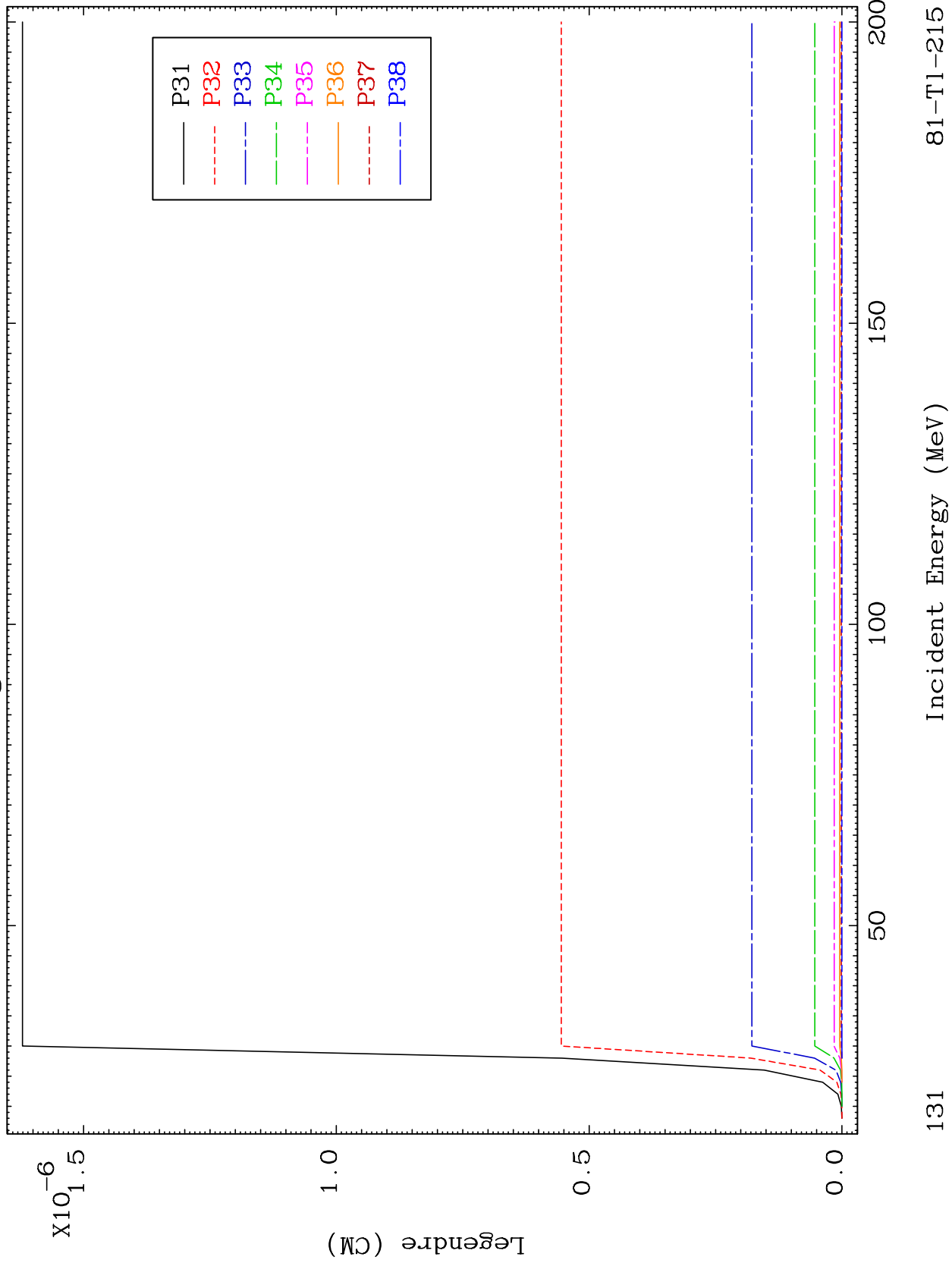
Incident Energy (MeV)

81-Tl-215

MAT 8161

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

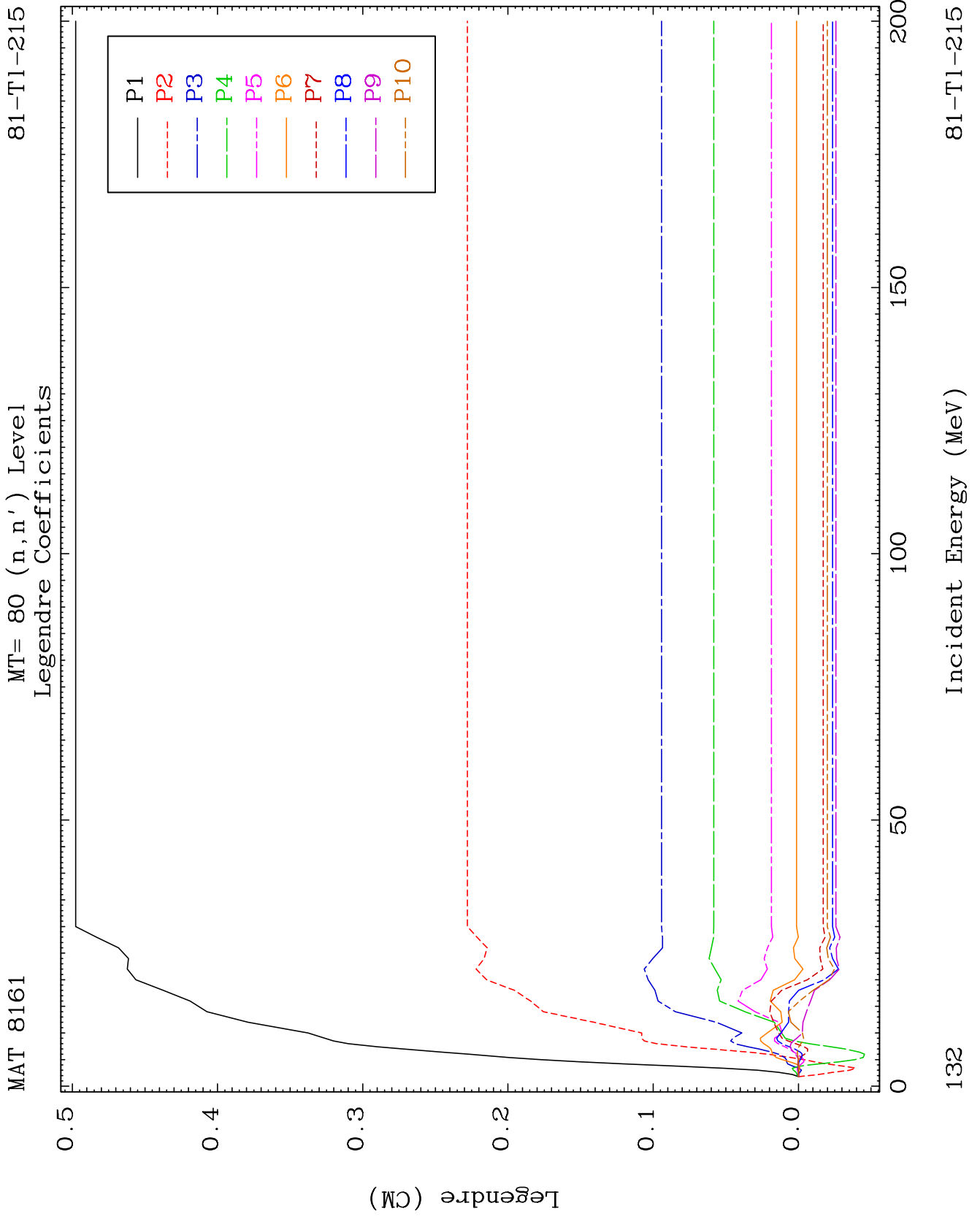
81-T1-215



131

Incident Energy (MeV)

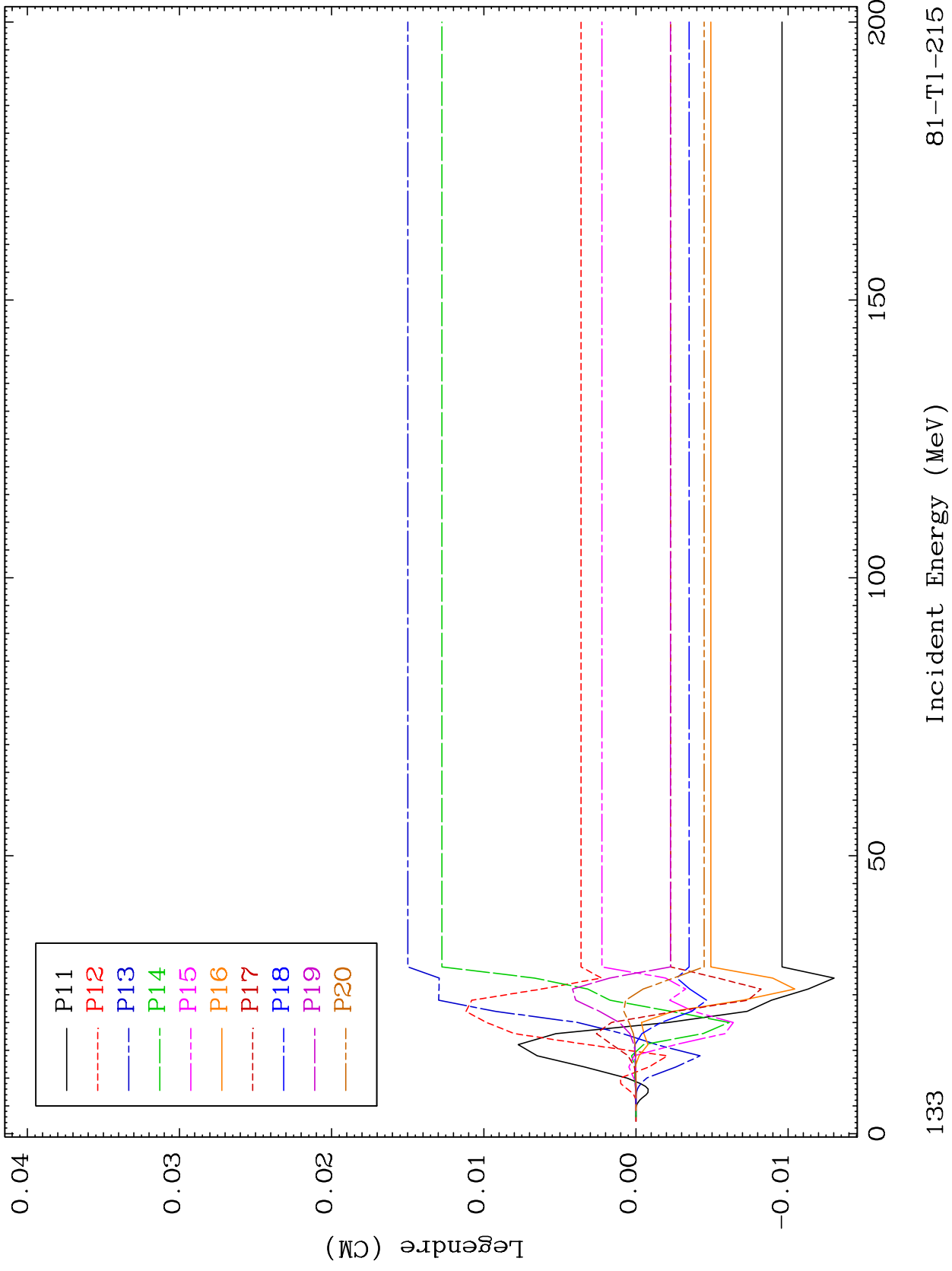
81-T1-215



MAT 8161

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

81-T1-215



133

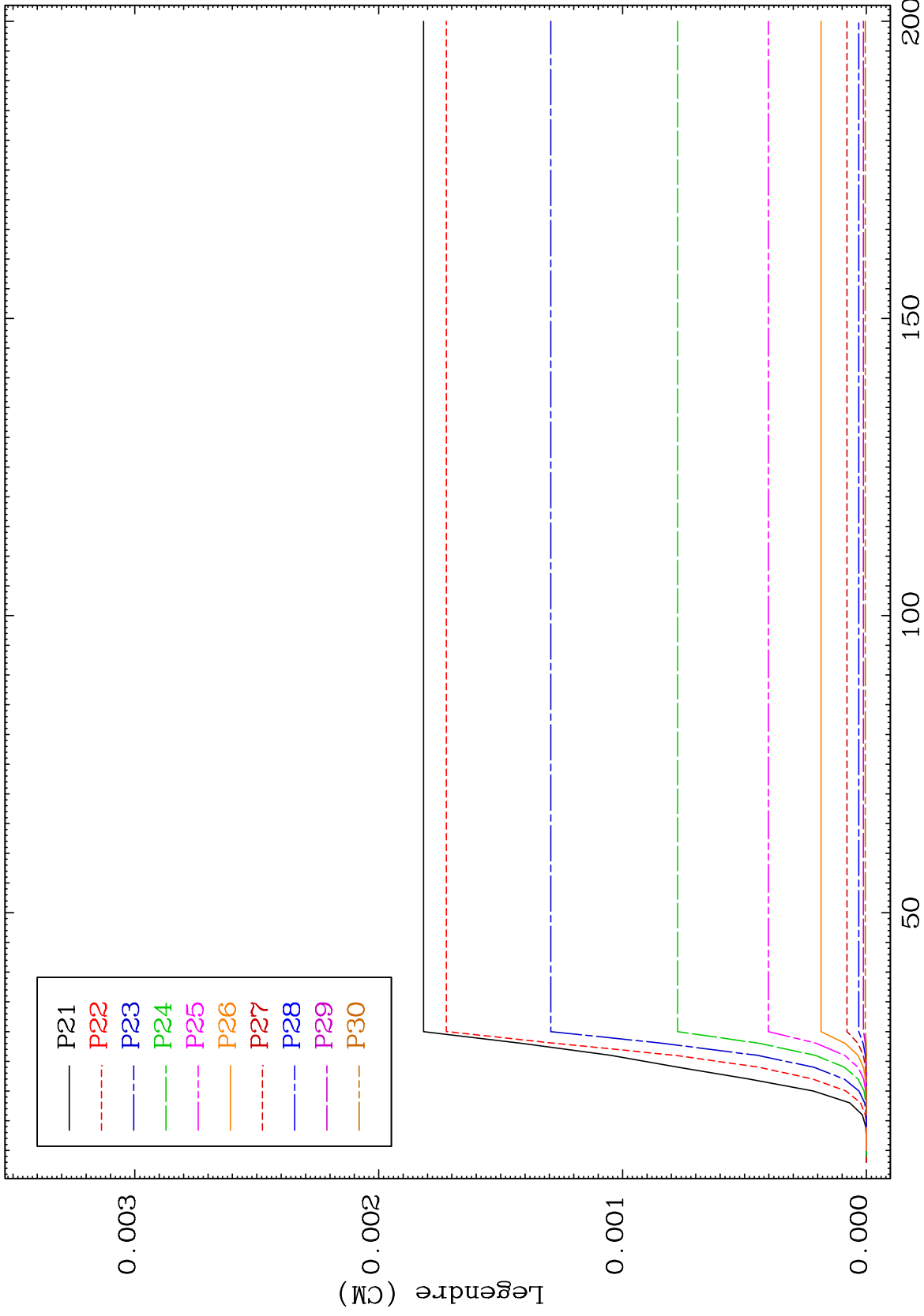
Incident Energy (MeV)

81-T1-215

MAT 8161

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

81-Tl-215



134

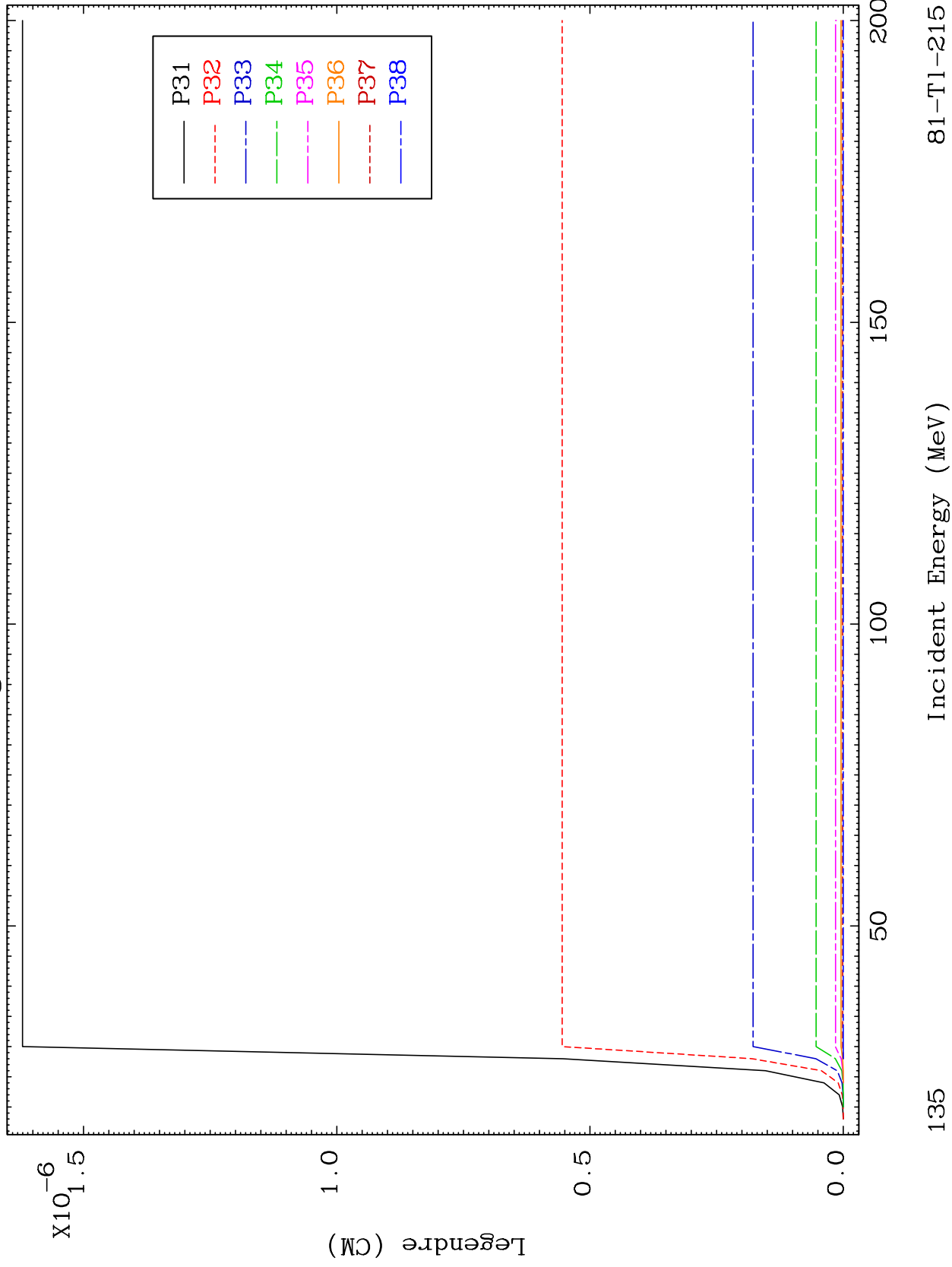
Incident Energy (MeV)

81-Tl-215

MAT 8161

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

81-T1-215



81-T1-215



MAT 8161

Fission

81-Tl-215

Radionuclide Production Cross Section

