

Program EVALPLOT  
(Version 2021-1)

by

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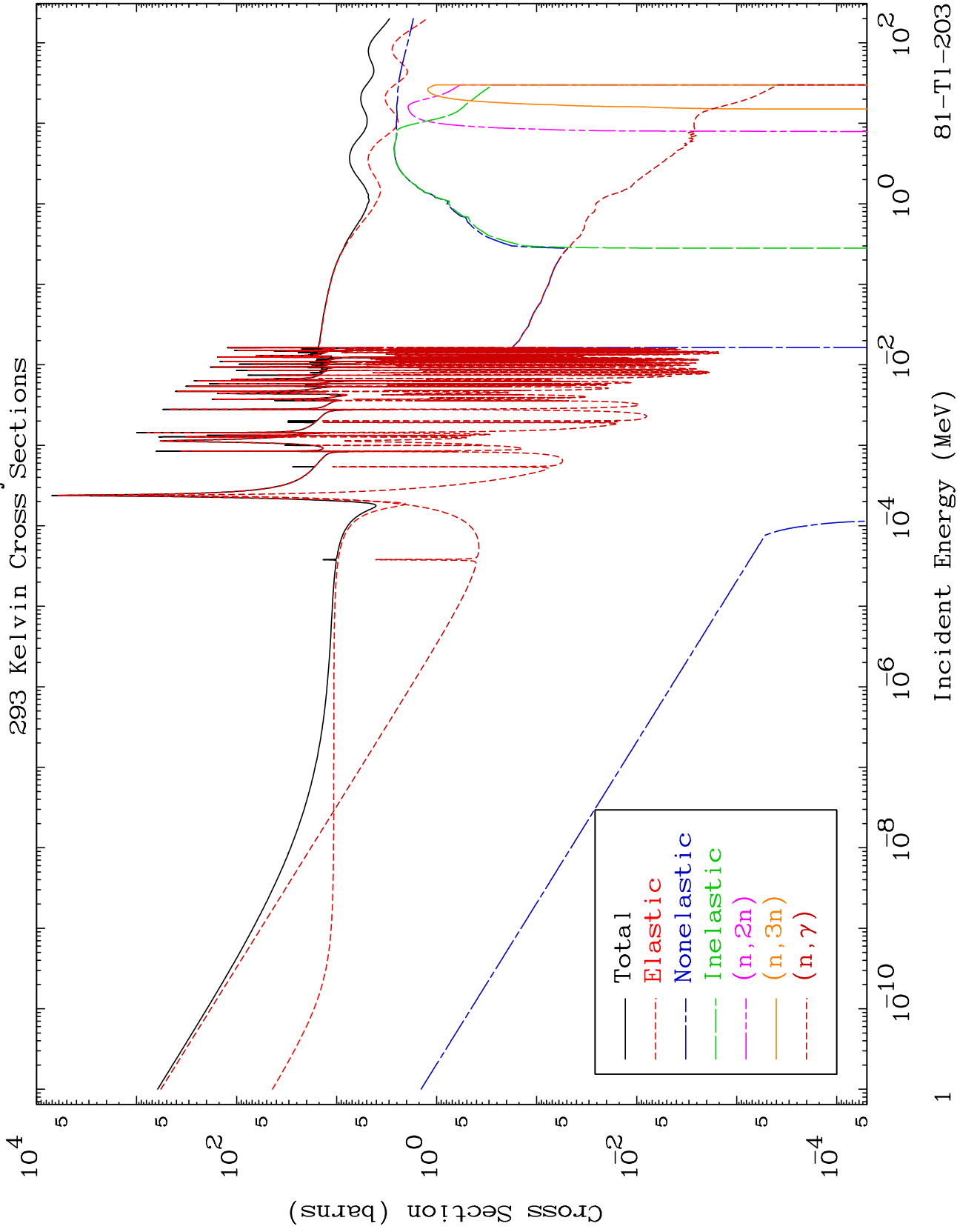
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Press Mouse Button to Start

MAT 8125

Neutron Major  
293 Kelvin Cross Sections

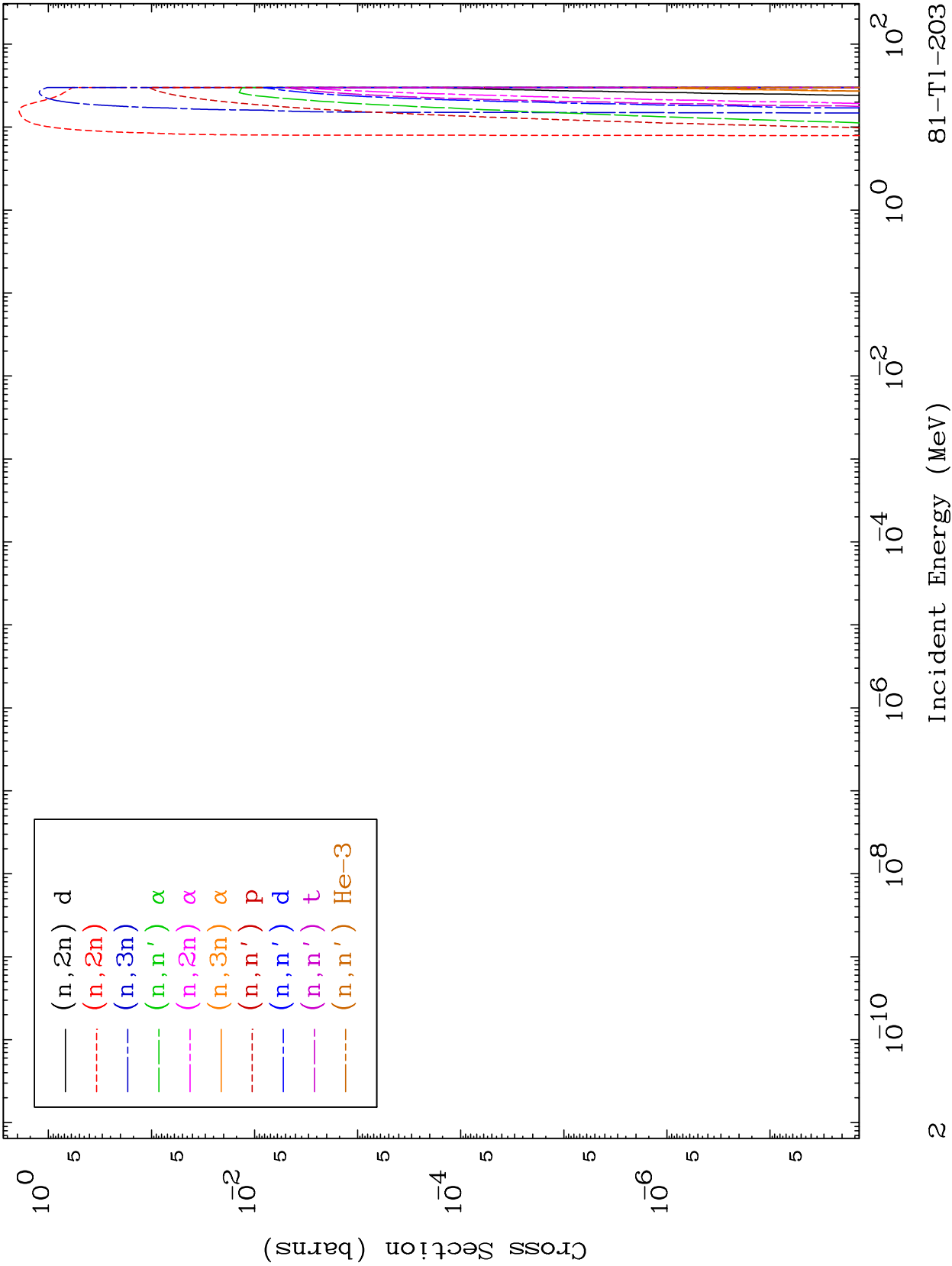
81-Tl-203



MAT 8125

Neutron Absorption  
293 Kelvin Cross Sections

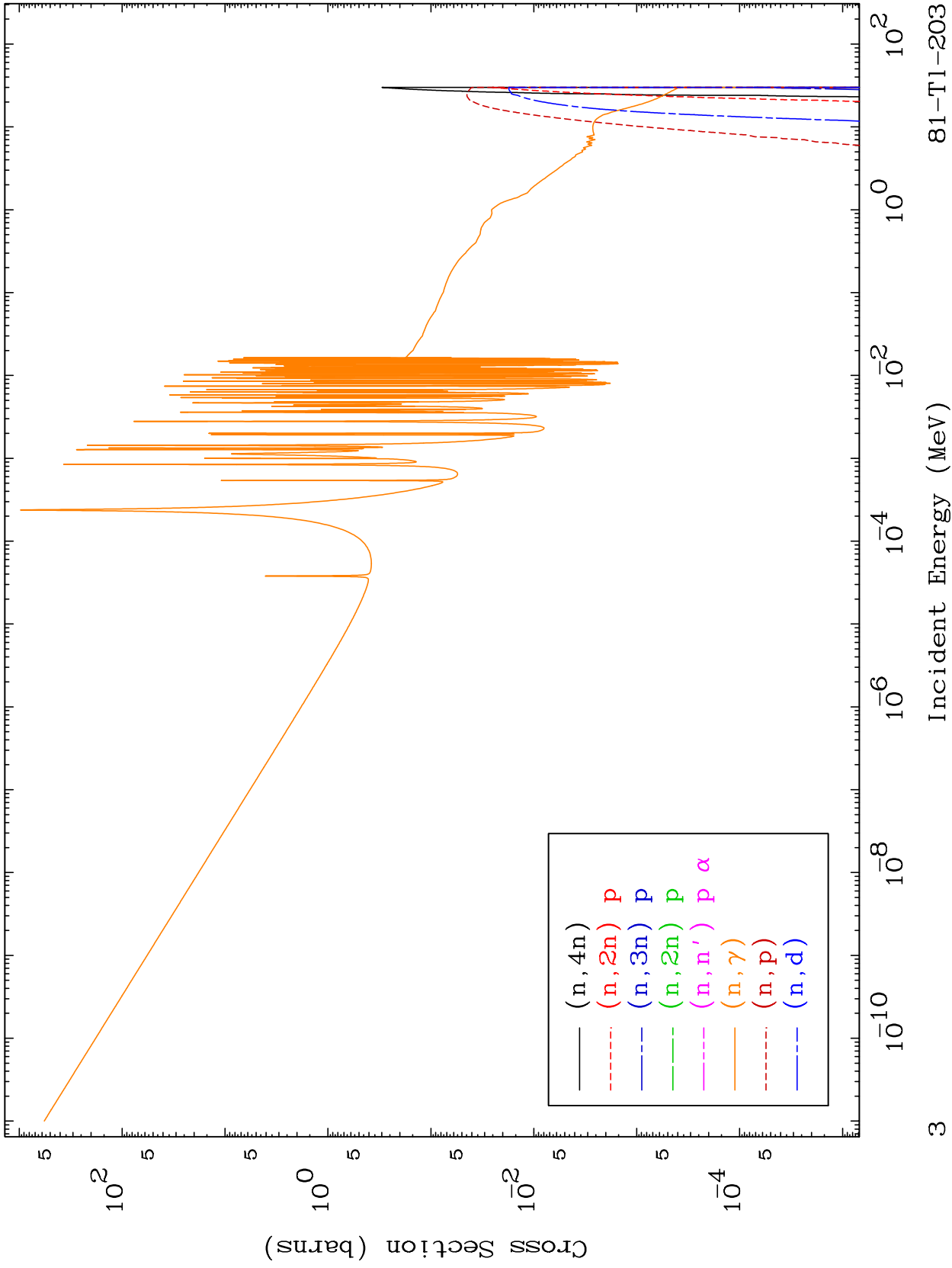
81-Tl-203



MAT 8125

Neutron Absorption  
293 Kelvin Cross Sections

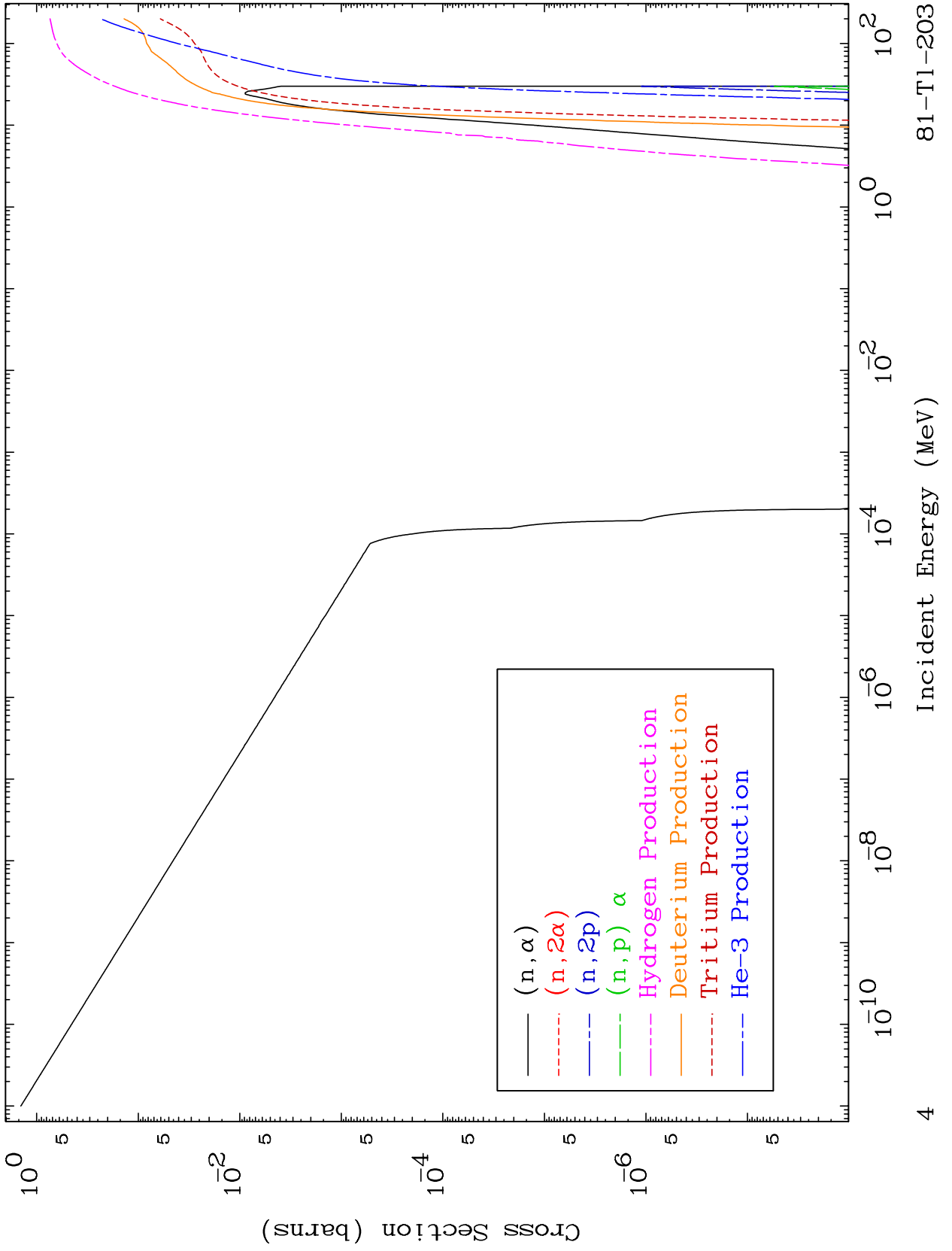
81-Tl-203



MAT 8125

Neutron Absorption  
293 Kelvin Cross Sections

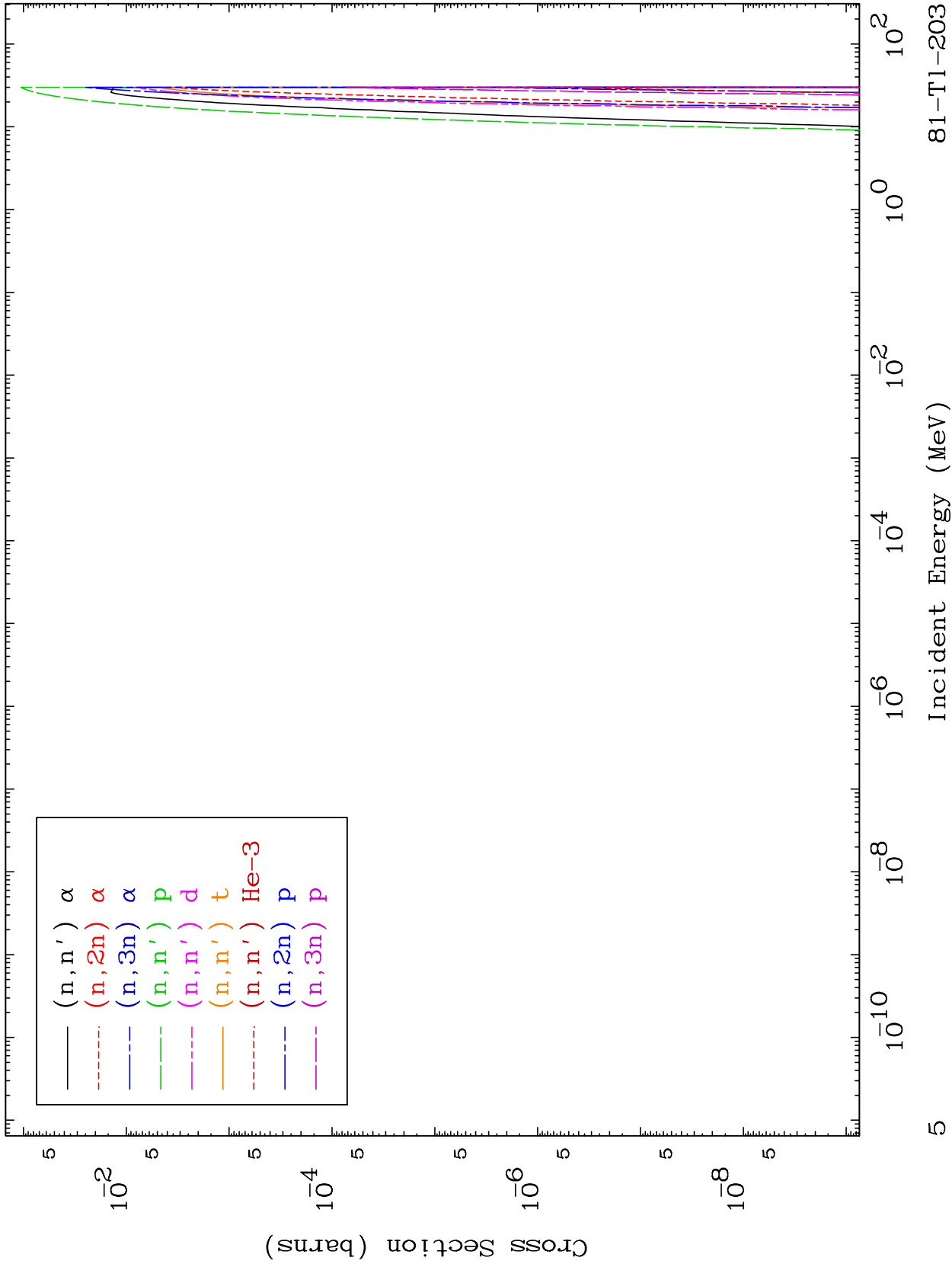
81-Tl-203



MAT 8125

Charged Particle  
293 Kelvin Cross Sections

81-Tl-203



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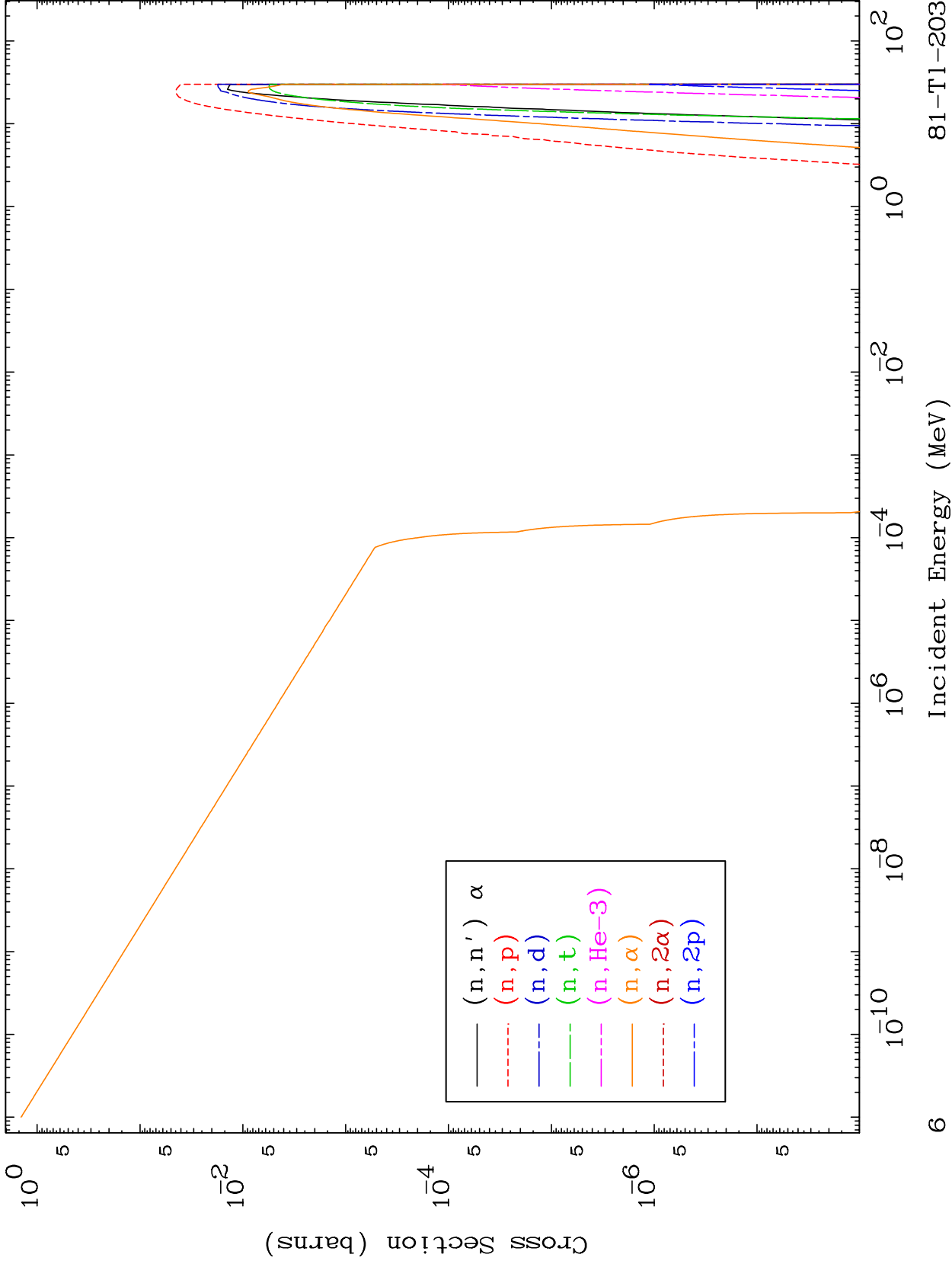
Incident Energy (MeV)

81-Tl-203

MAT 8125

Charged Particle  
293 Kelvin Cross Sections

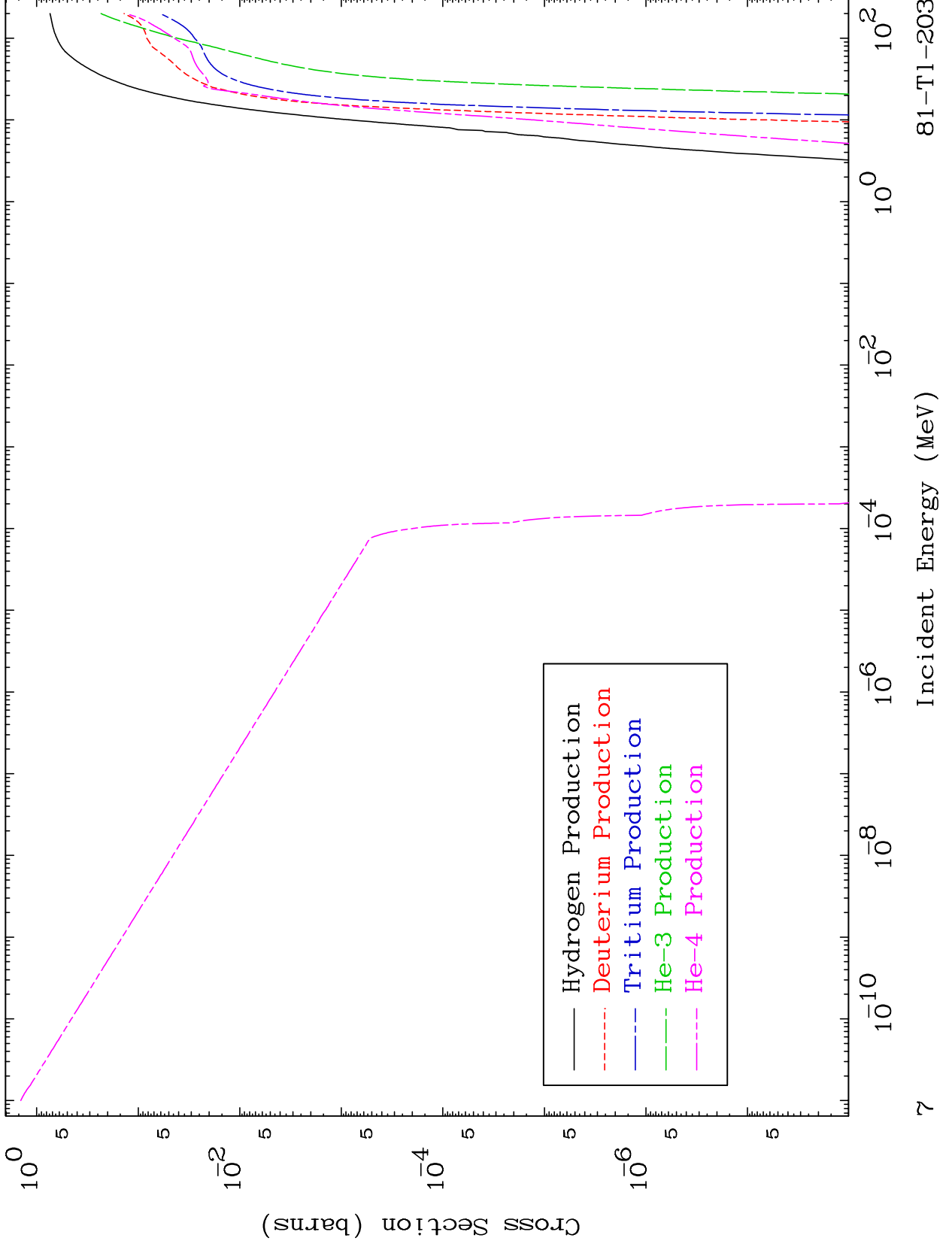
81-Tl-203



MAT 8125

Particle Production  
293 Kelvin Cross Sections

81-T1-203



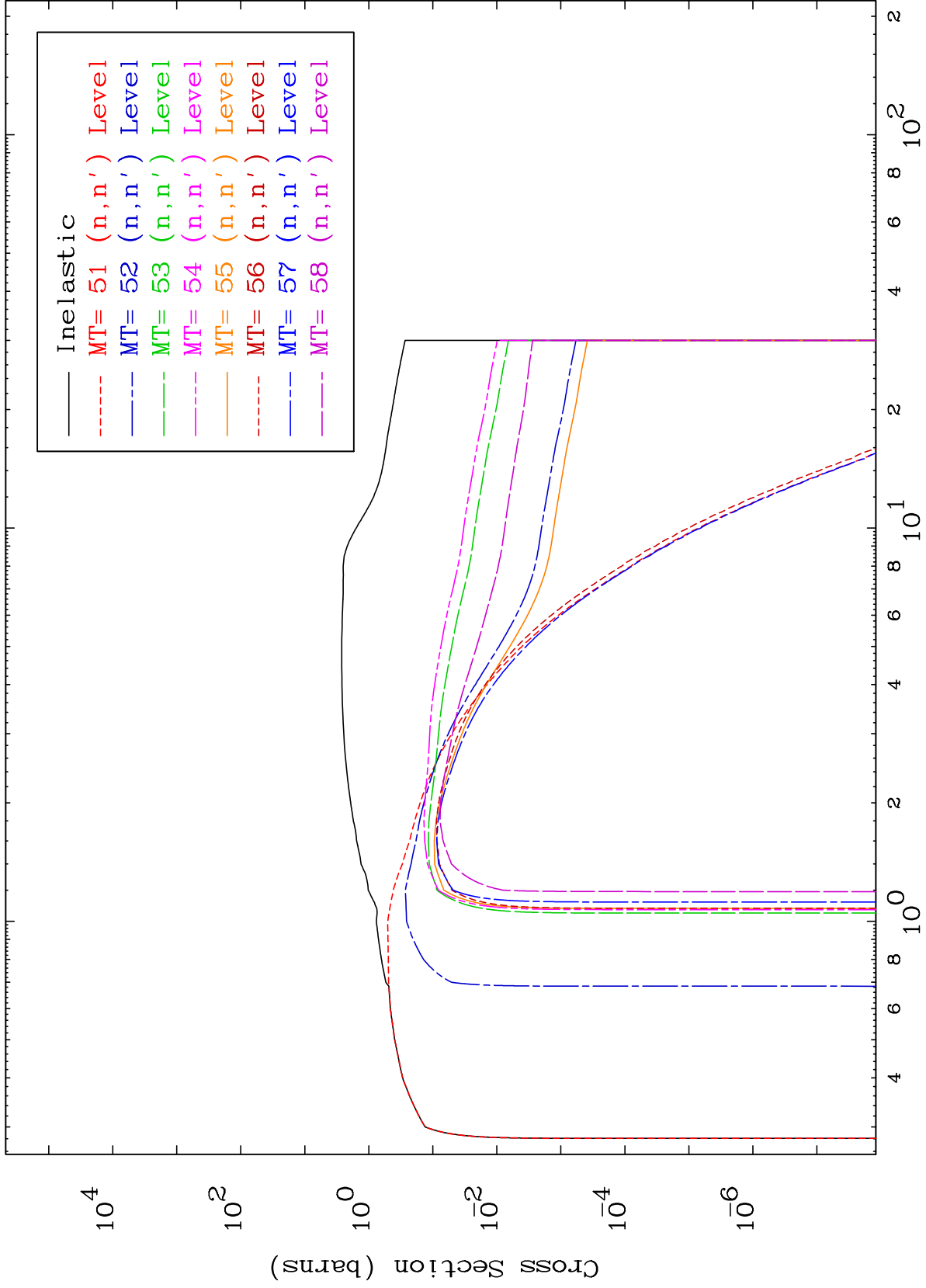


MAT 8125

(n,n') Levels

293 Kelvin Cross Sections

81-T1-203



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Incident Energy (MeV)

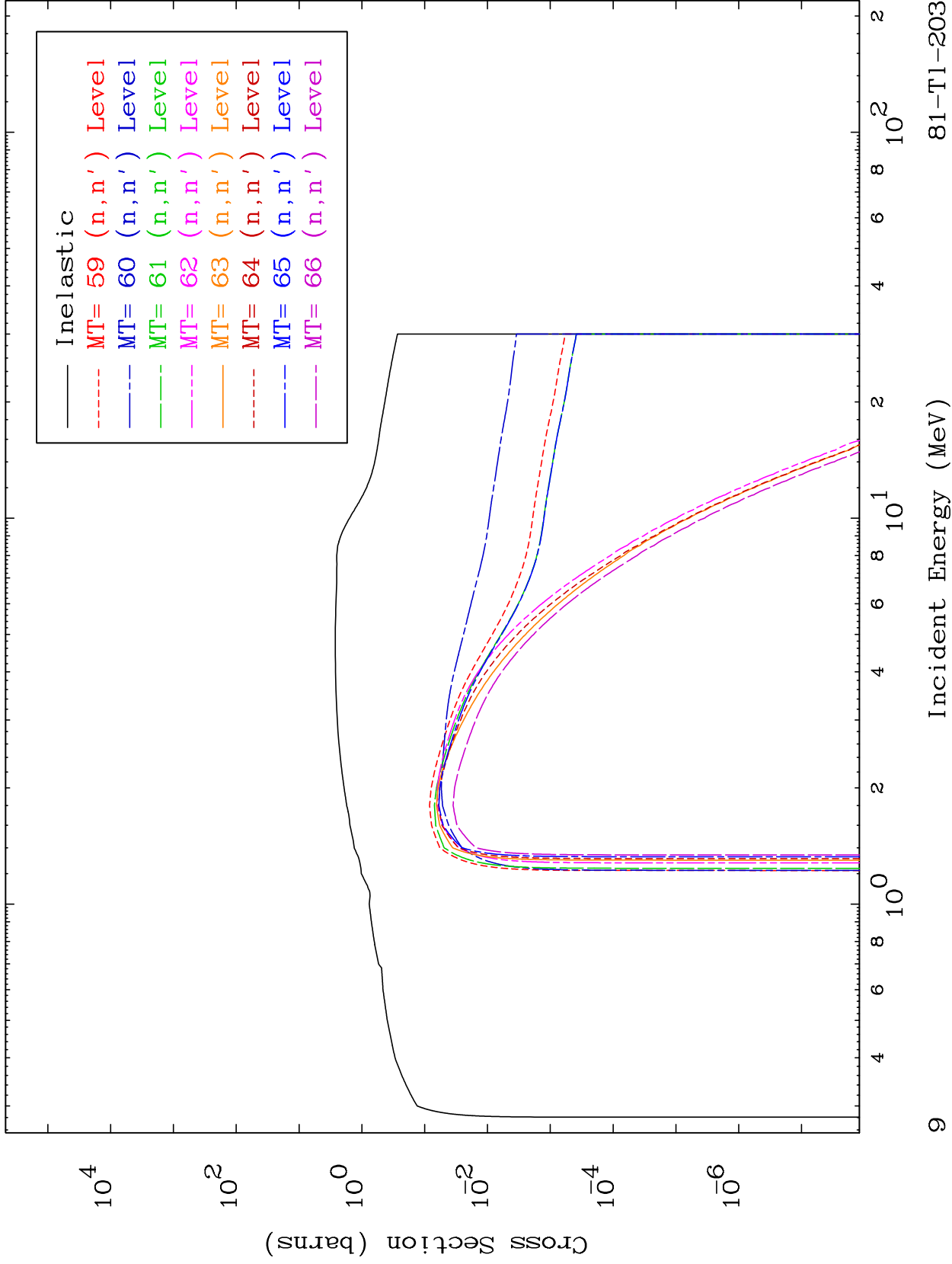
81-T1-203

MAT 8125

(n,n') Levels

293 Kelvin Cross Sections

81-T1-203

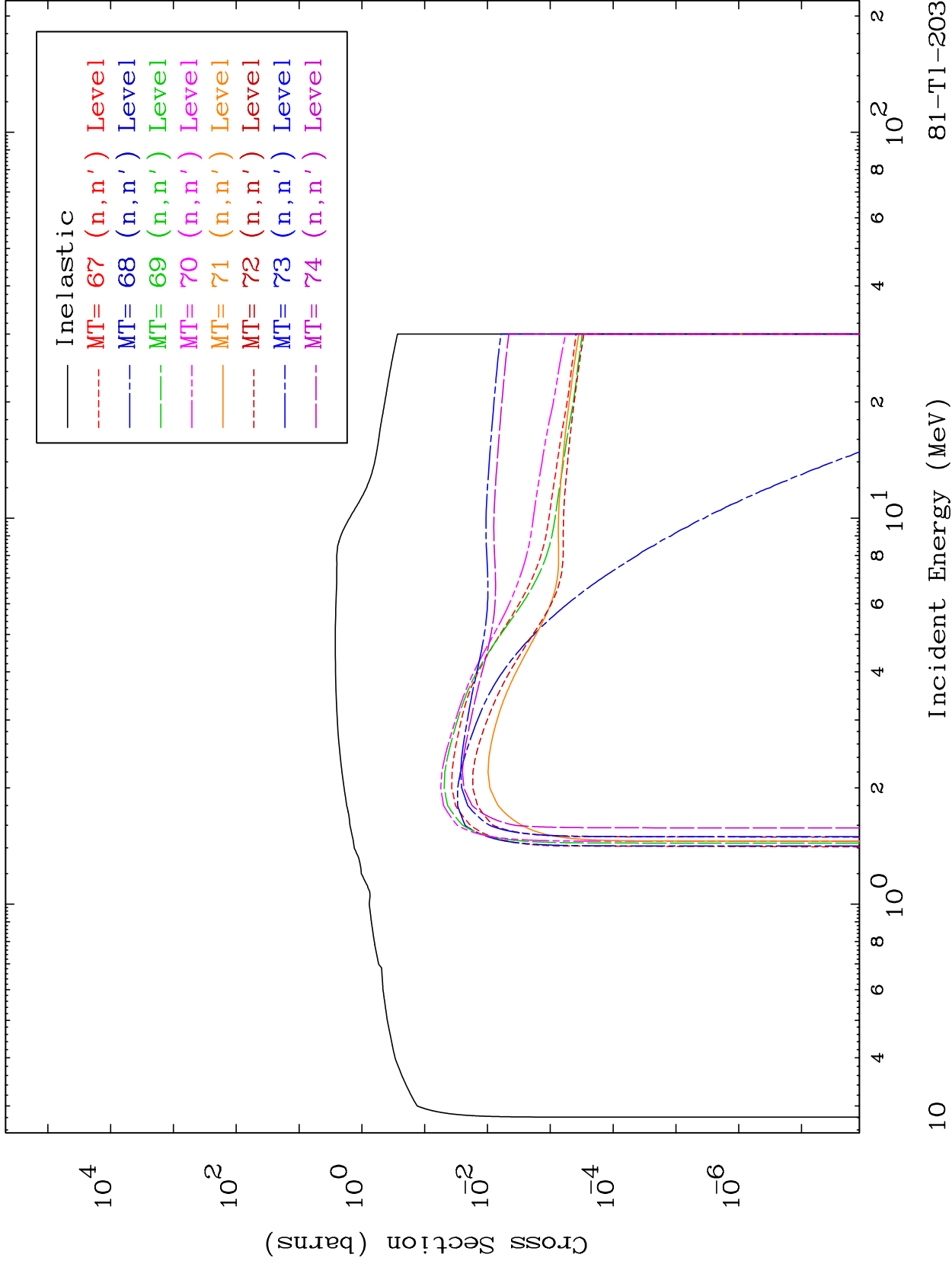


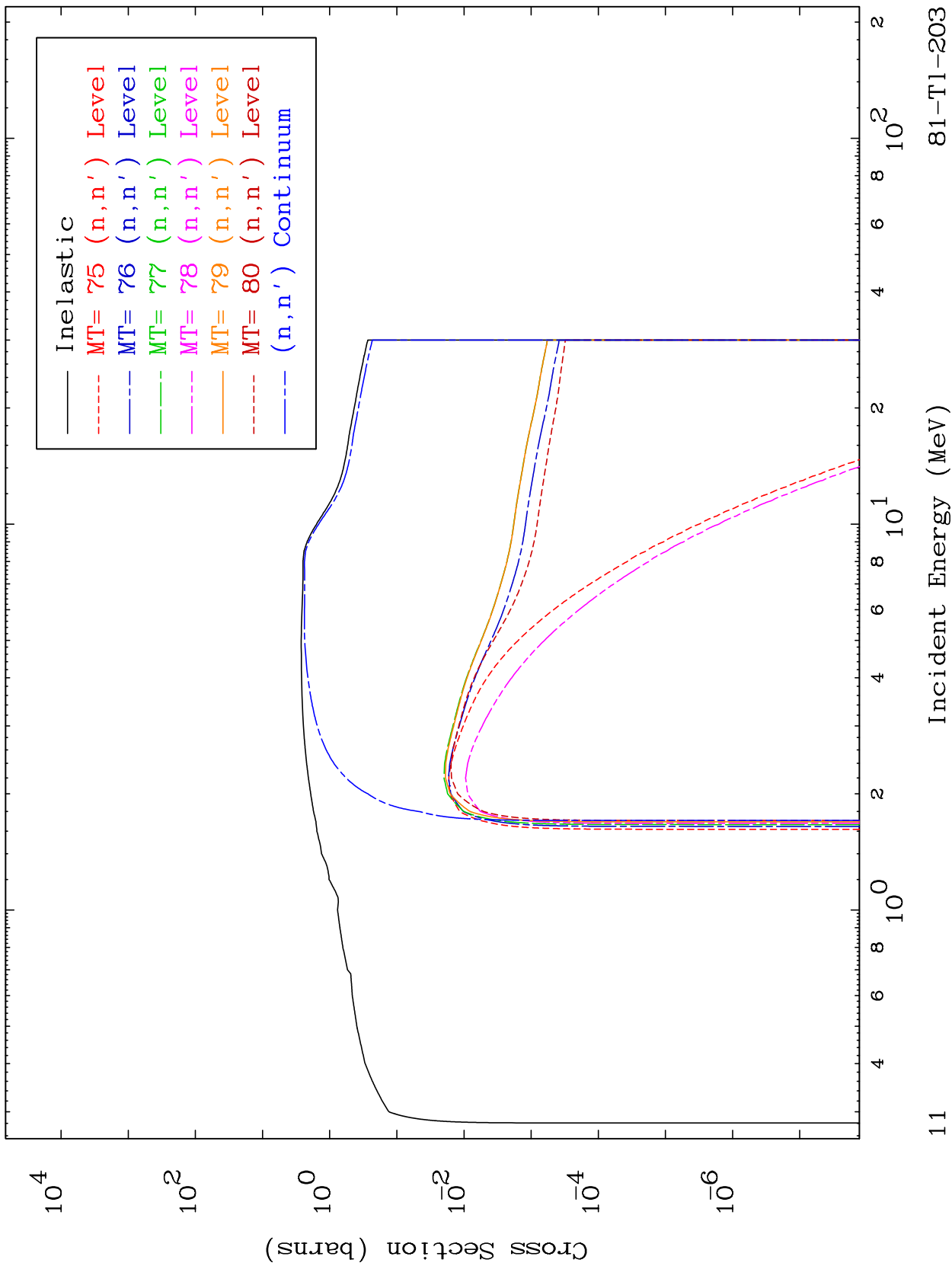
MAT 8125

(n,n') Levels

293 Kelvin Cross Sections

81-T1-203

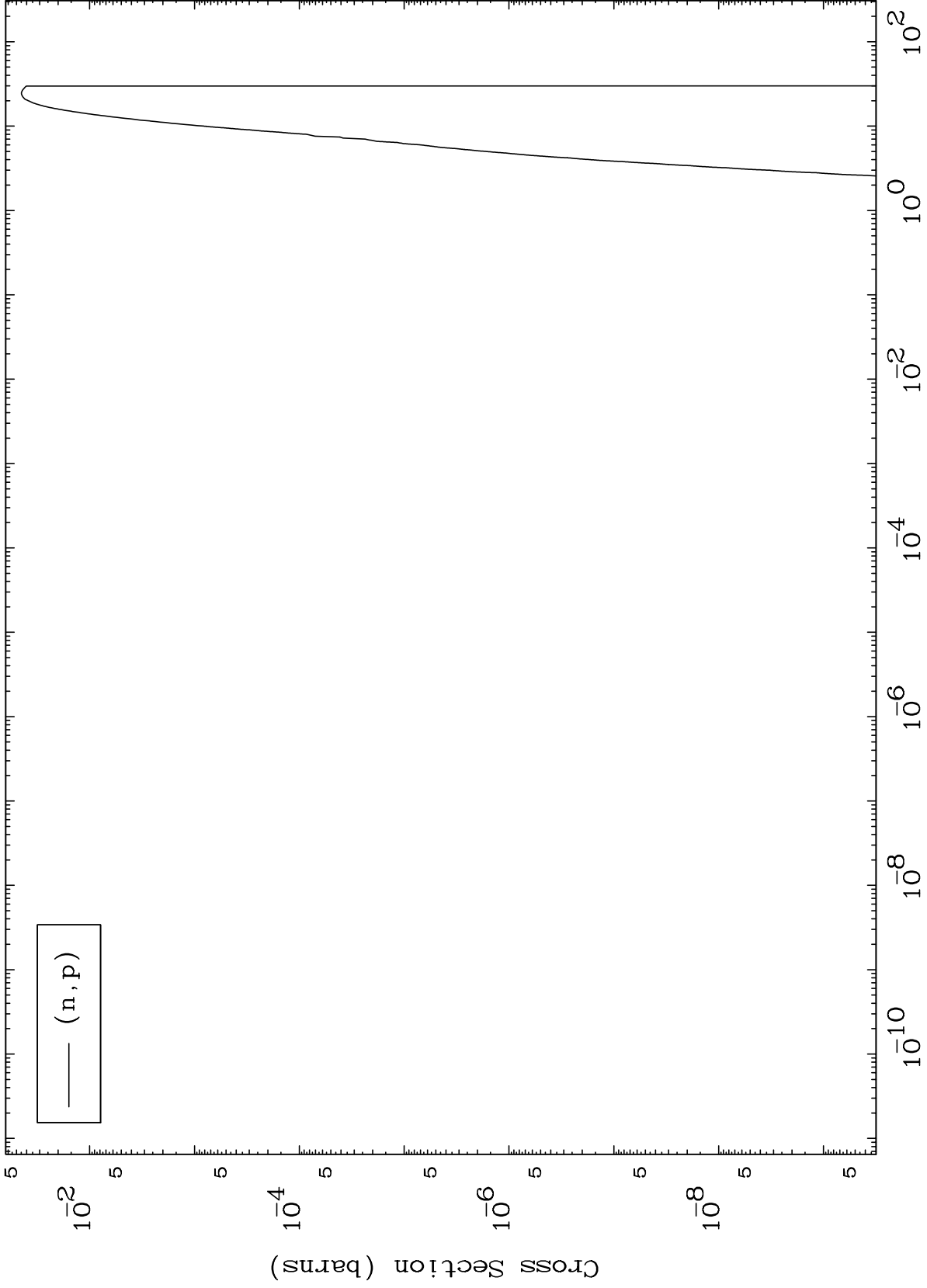




MAT 8125

(n,p) Levels  
293 Kelvin Cross Sections

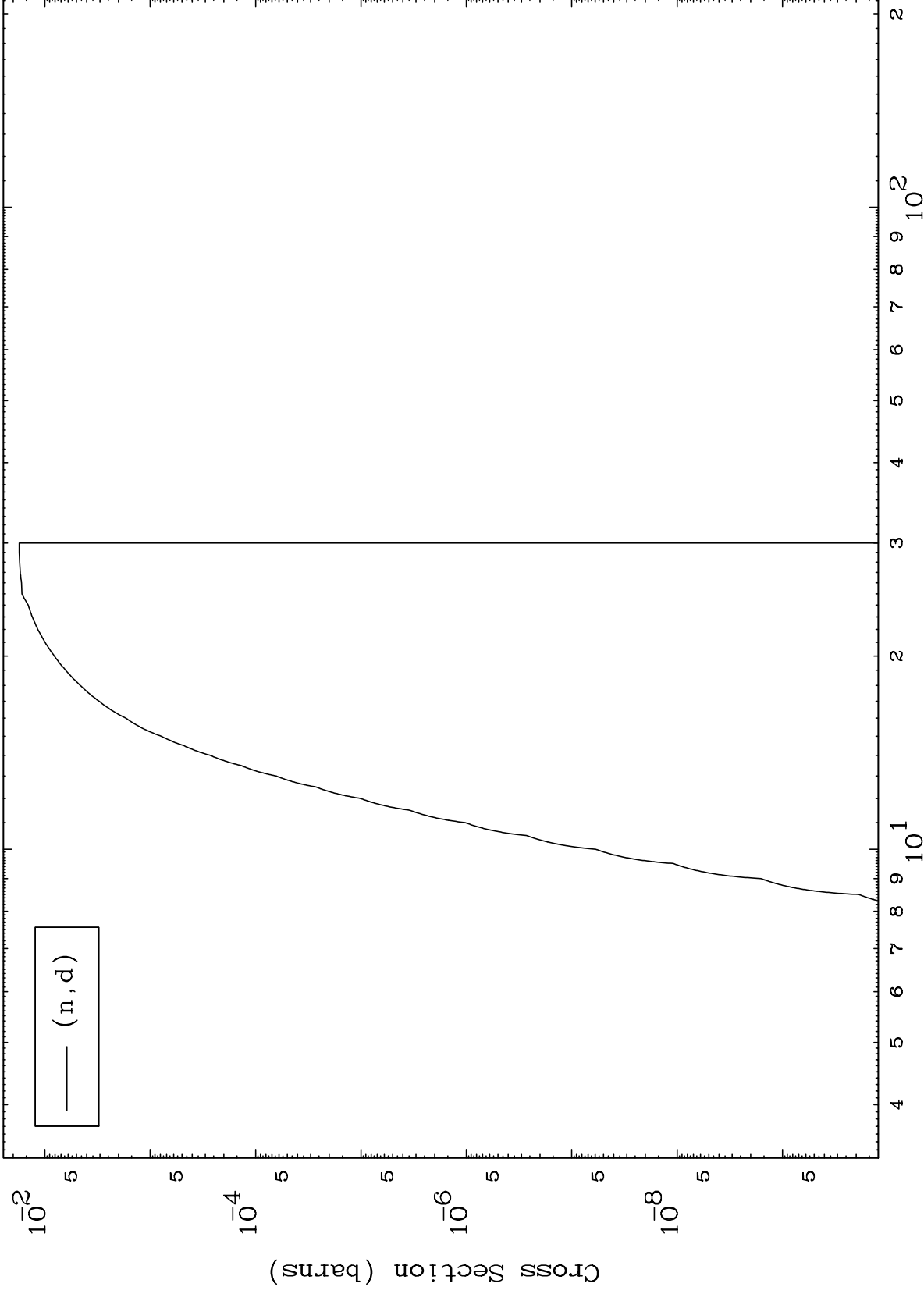
81-Tl-203



MAT 8125

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-203



13

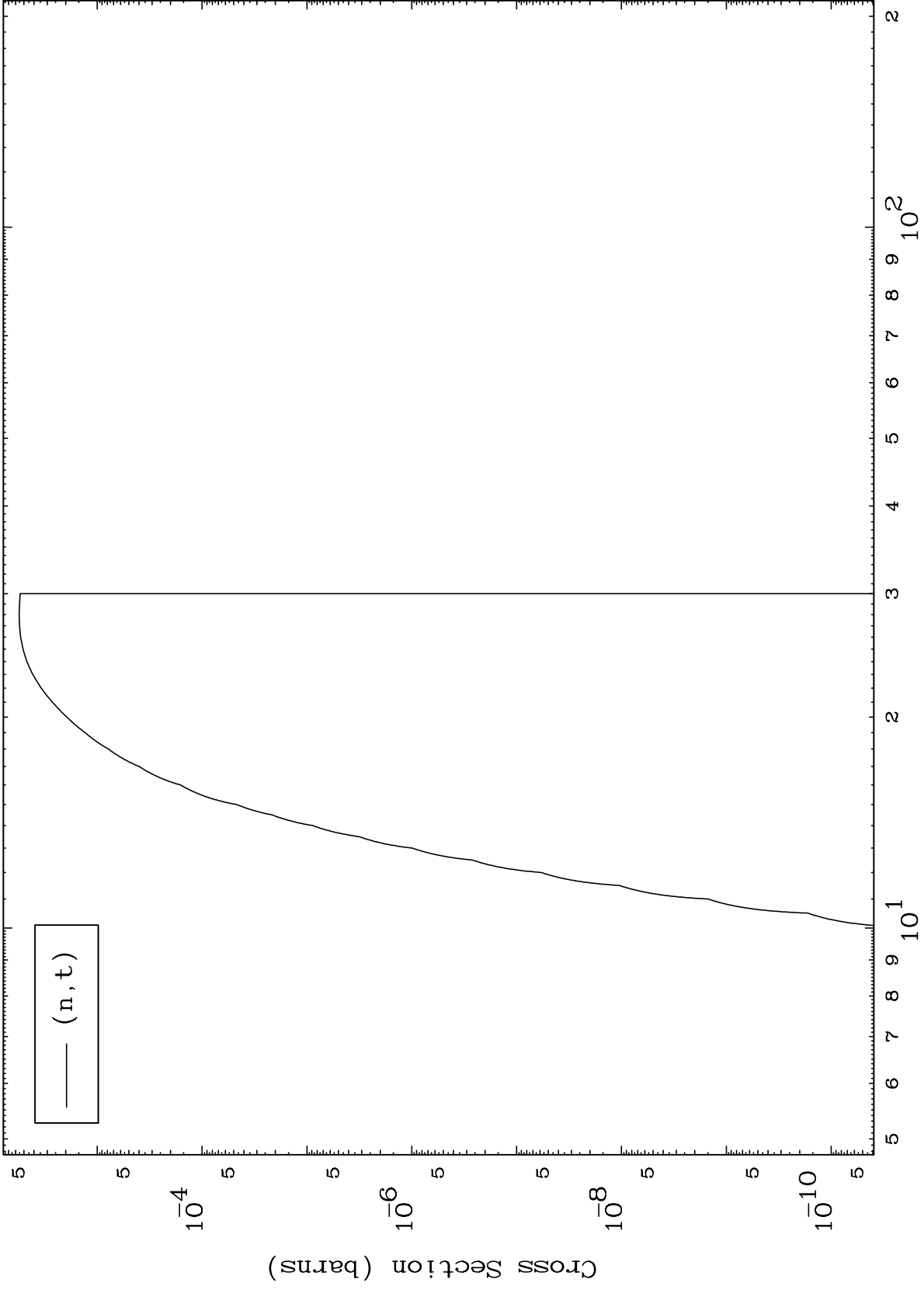
Incident Energy (MeV)

81-Tl-203

MAT 8125

(n,t) Levels  
293 Kelvin Cross Sections

81-T1-203



14

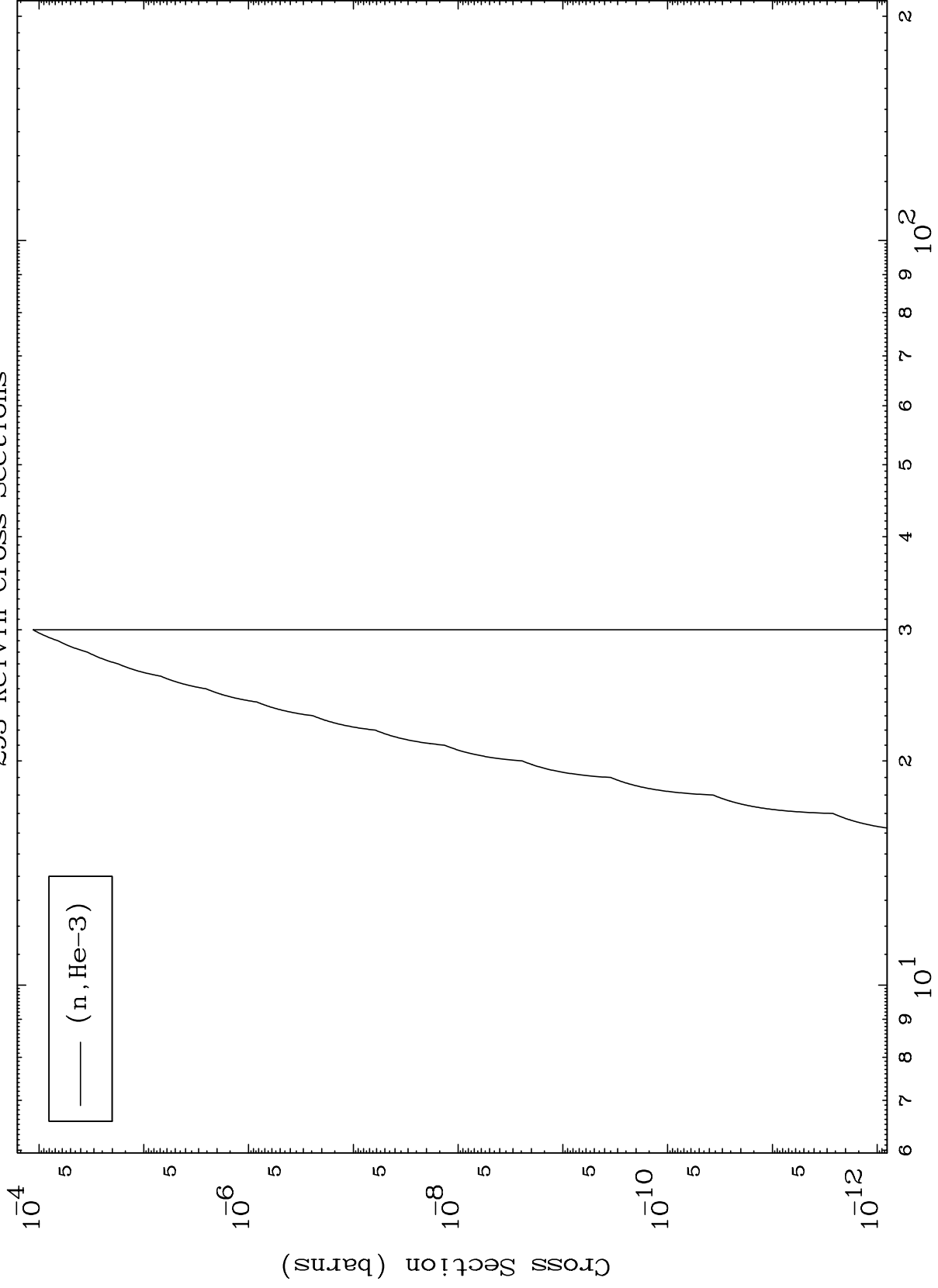
Incident Energy (MeV)

81-T1-203

MAT 8125

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-203



15

Incident Energy (MeV)

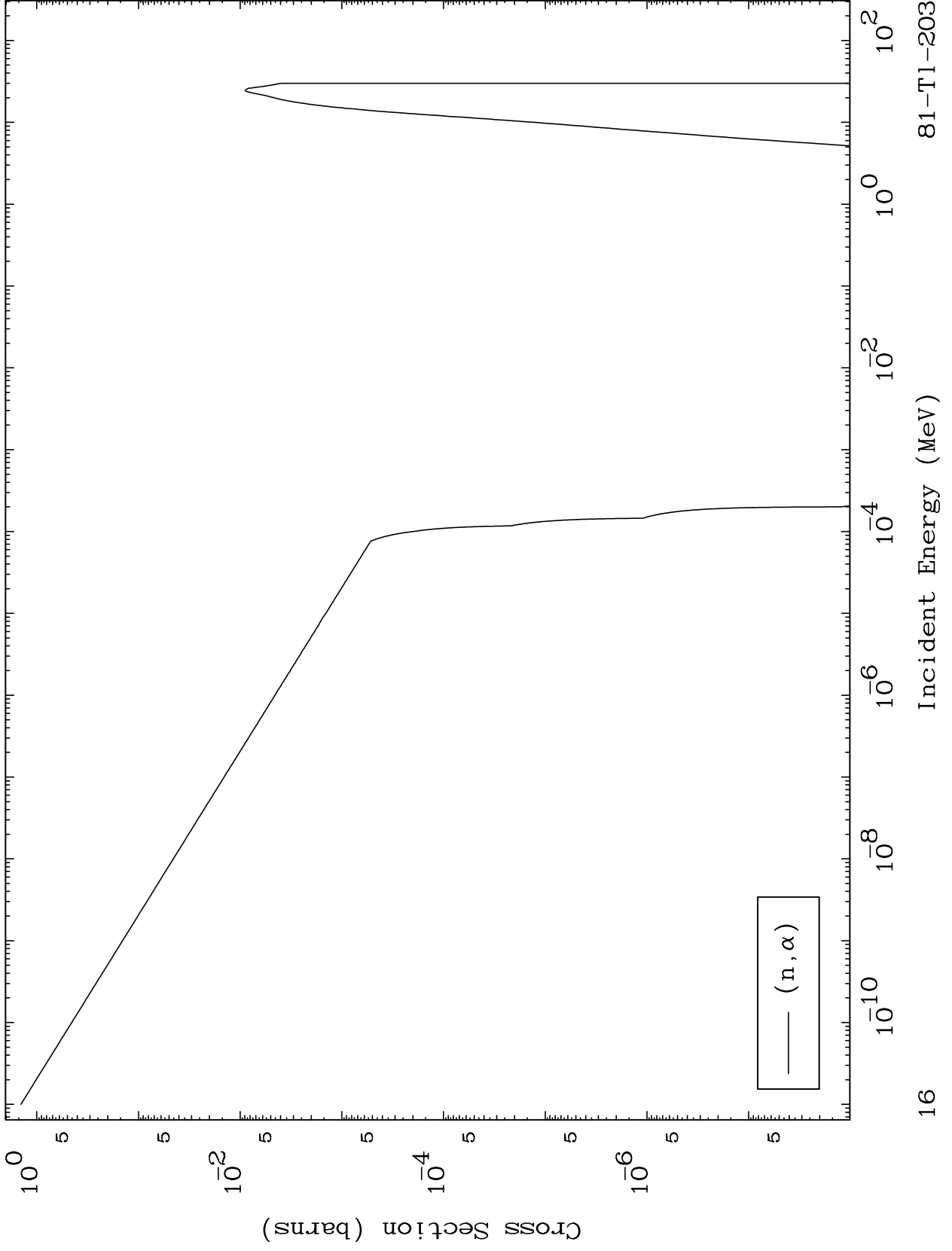
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MAT 8125

(n,α) Levels  
293 Kelvin Cross Sections

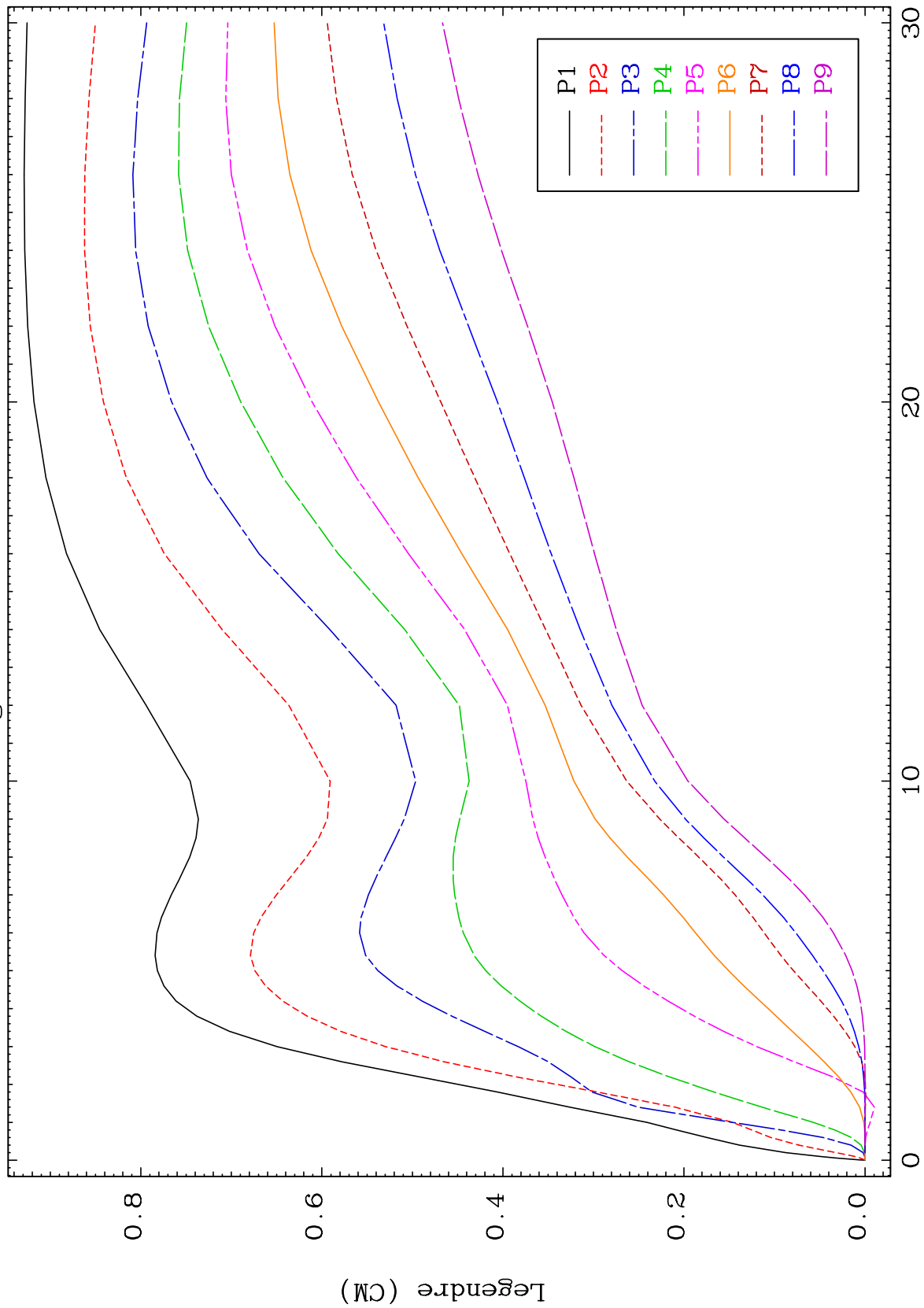
81-T1-203



MAT 8125

Elastic Legendre Coefficients

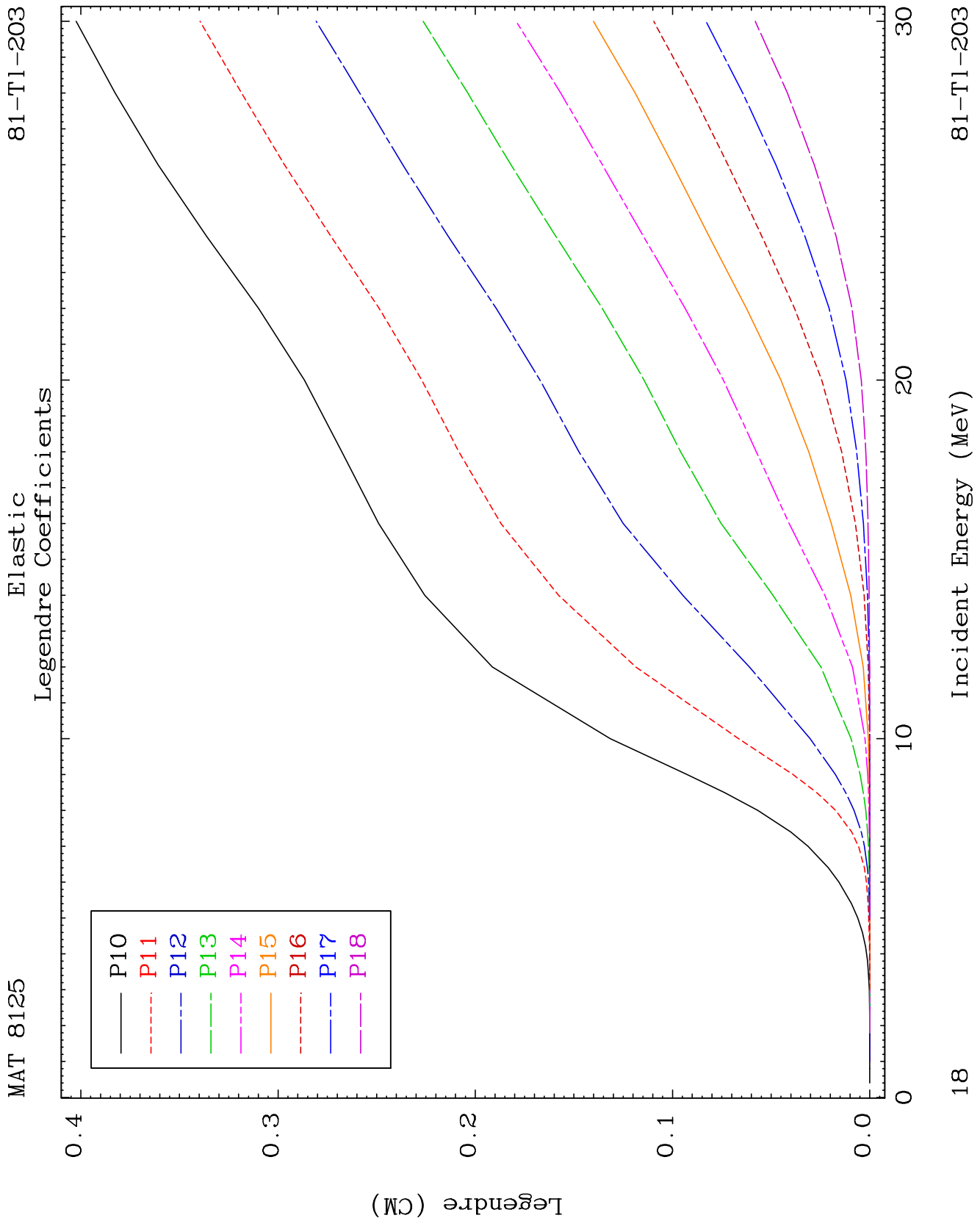
81-T1-203



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Incident Energy (MeV)

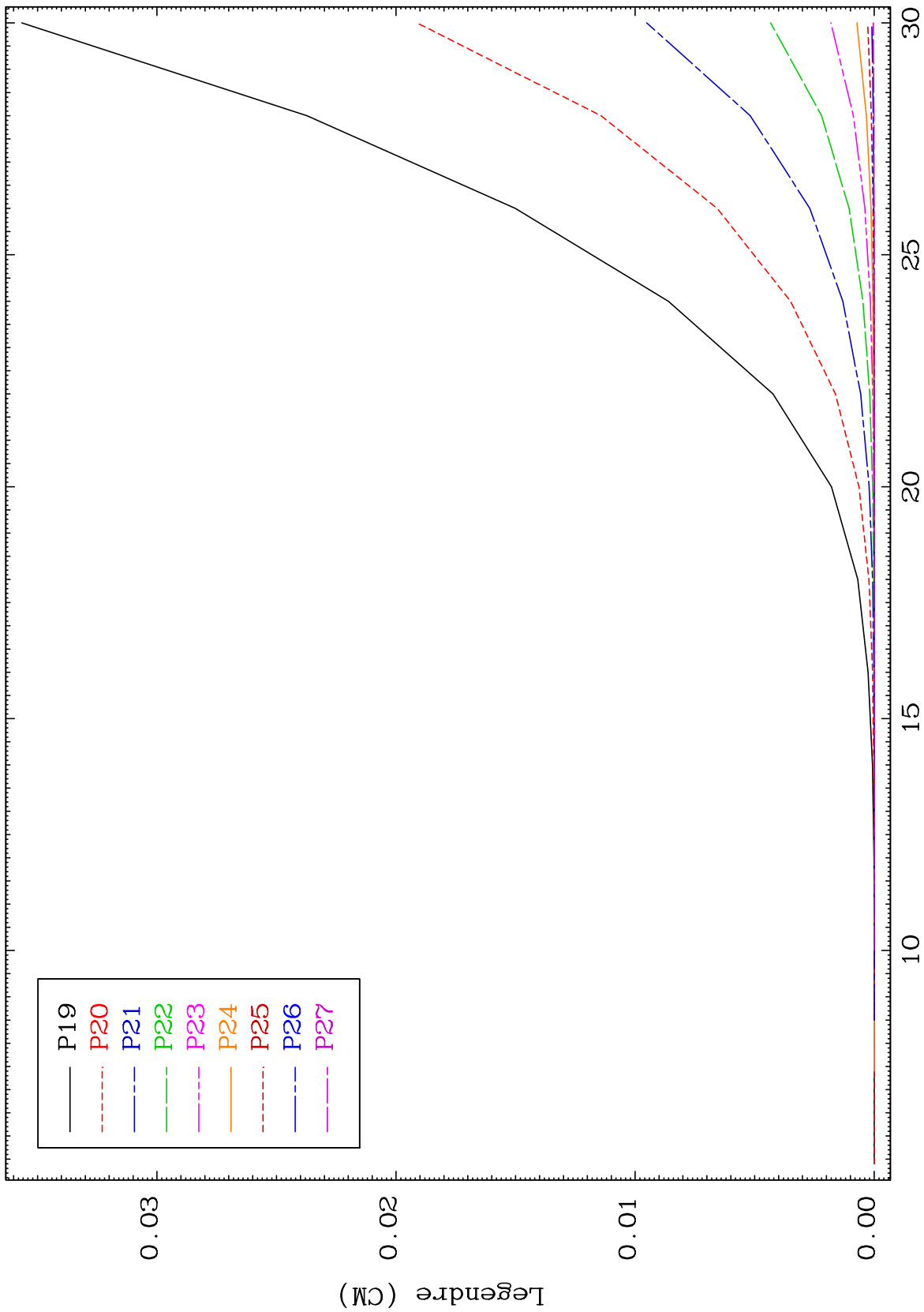
81-T1-203



MAT 8125

### Elastic Legendre Coefficients

81-T1-203



19

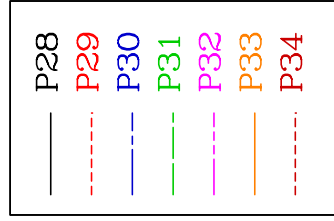
Incident Energy (MeV)

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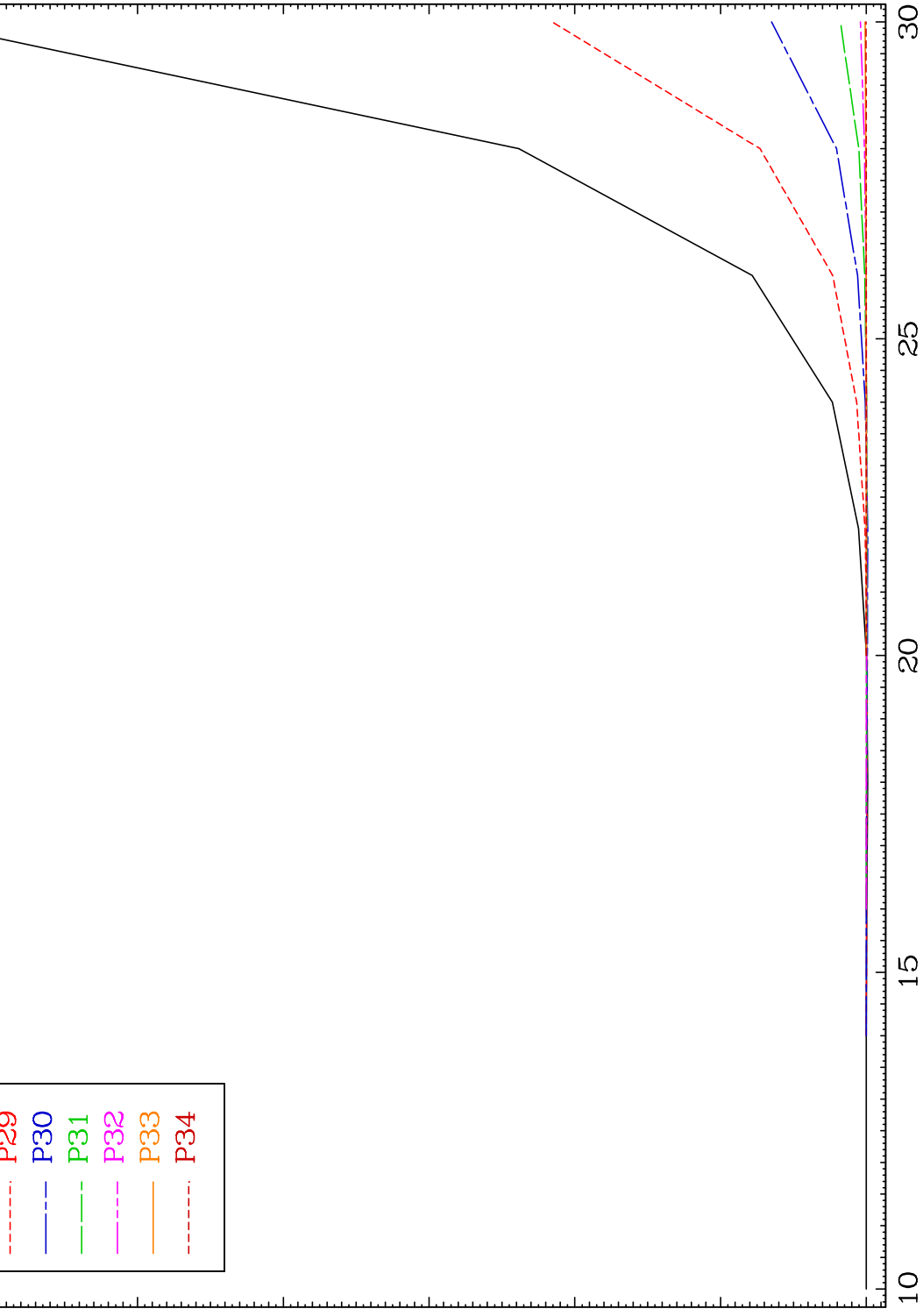
MAT 8125

Elastic Legendre Coefficients

81-T1-203



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



20

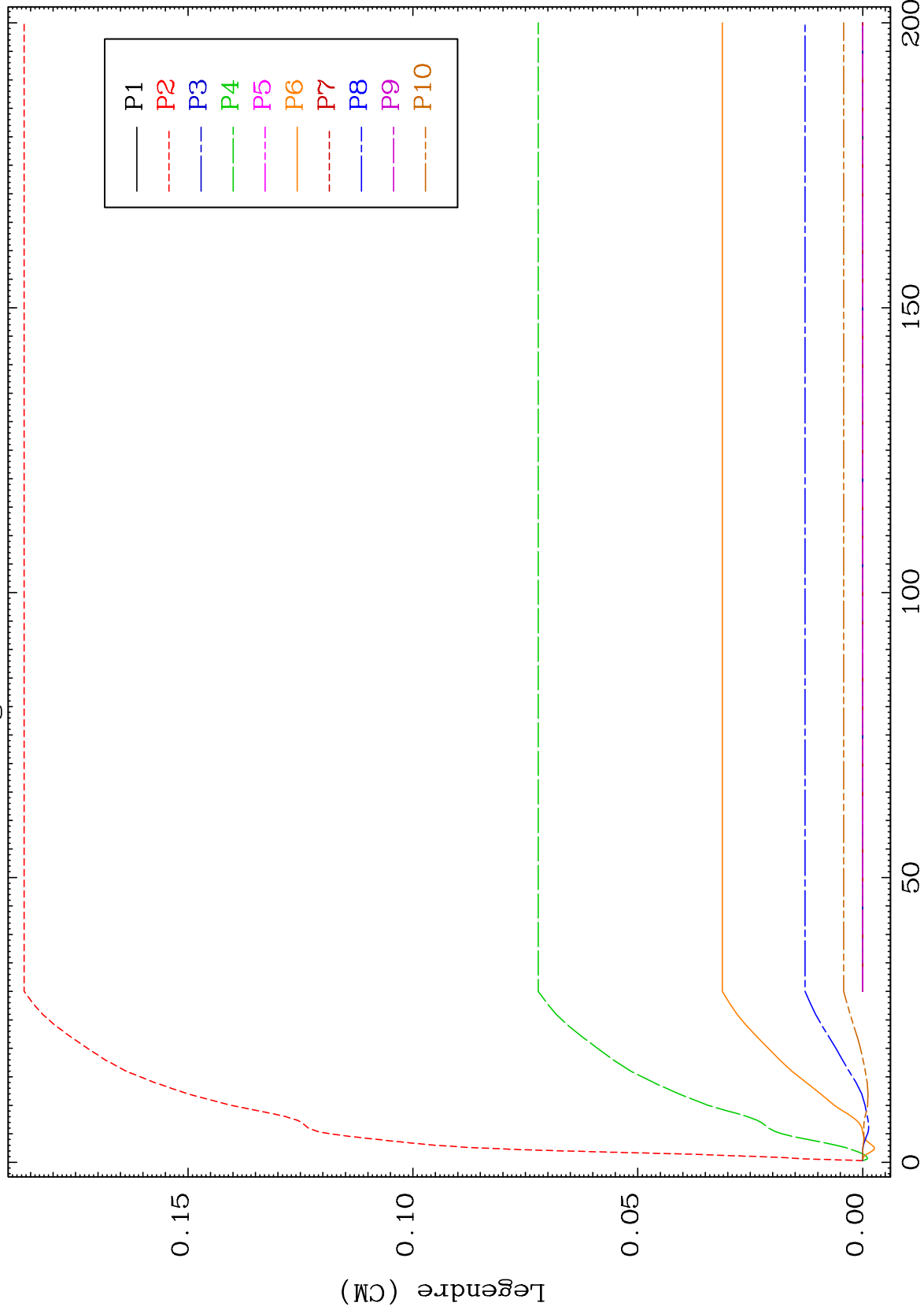
Incident Energy (MeV)

81-T1-203

MAT 8125

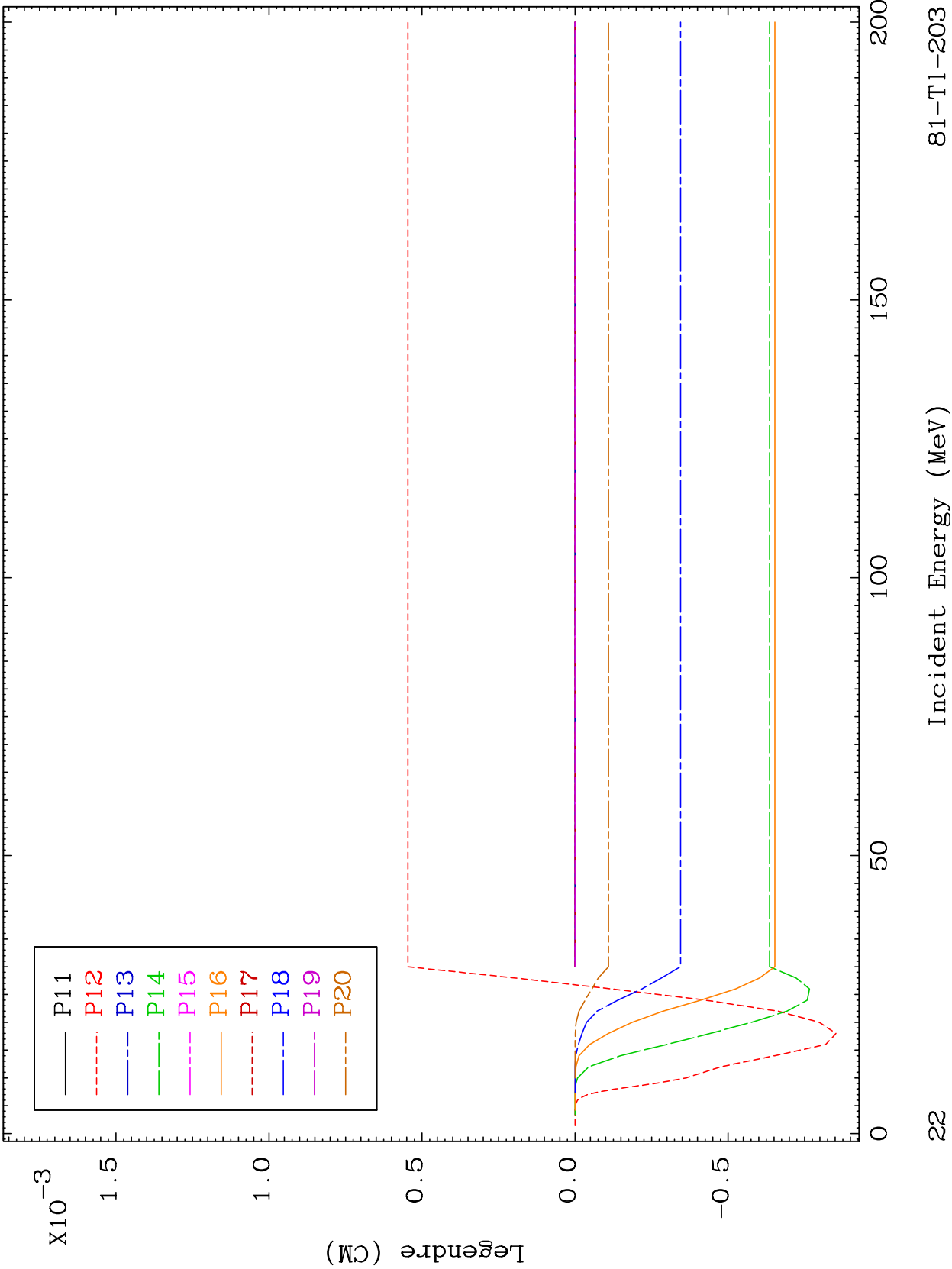
MT= 51 (n,n') Level  
Legendre Coefficients

81-T1-203



21

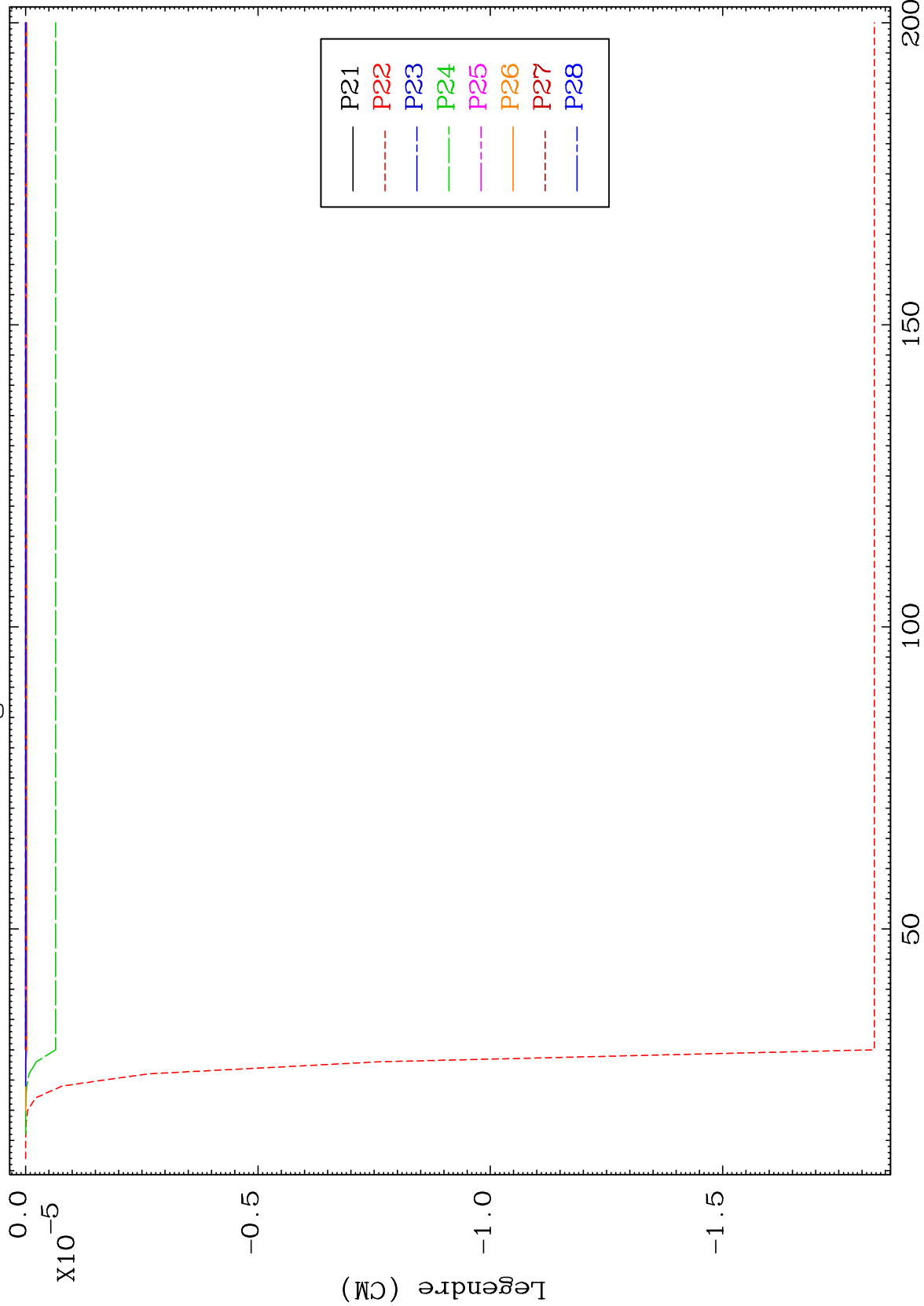
81-T1-203



MAT 8125

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

81-T1-203



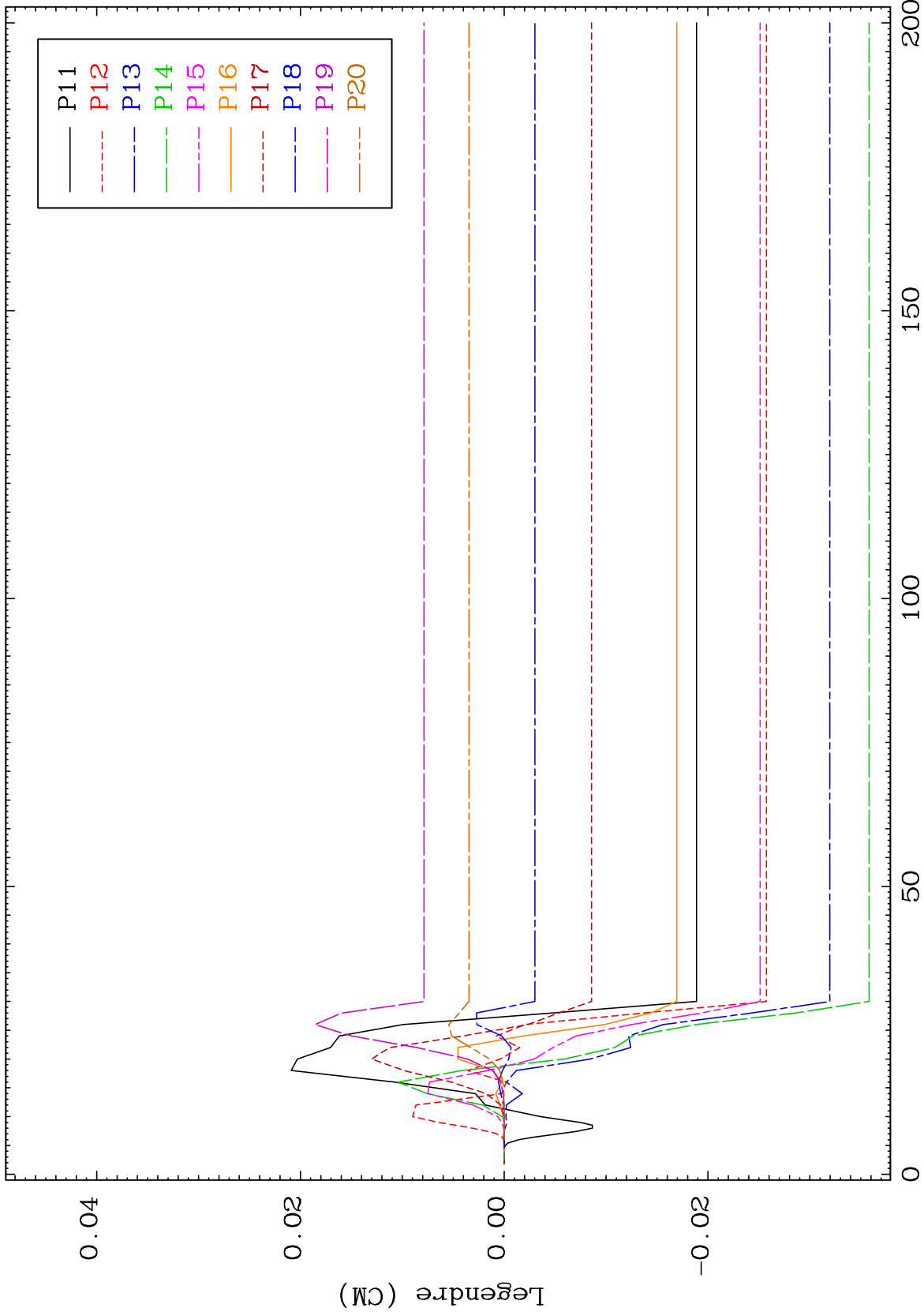




MAT 8125

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

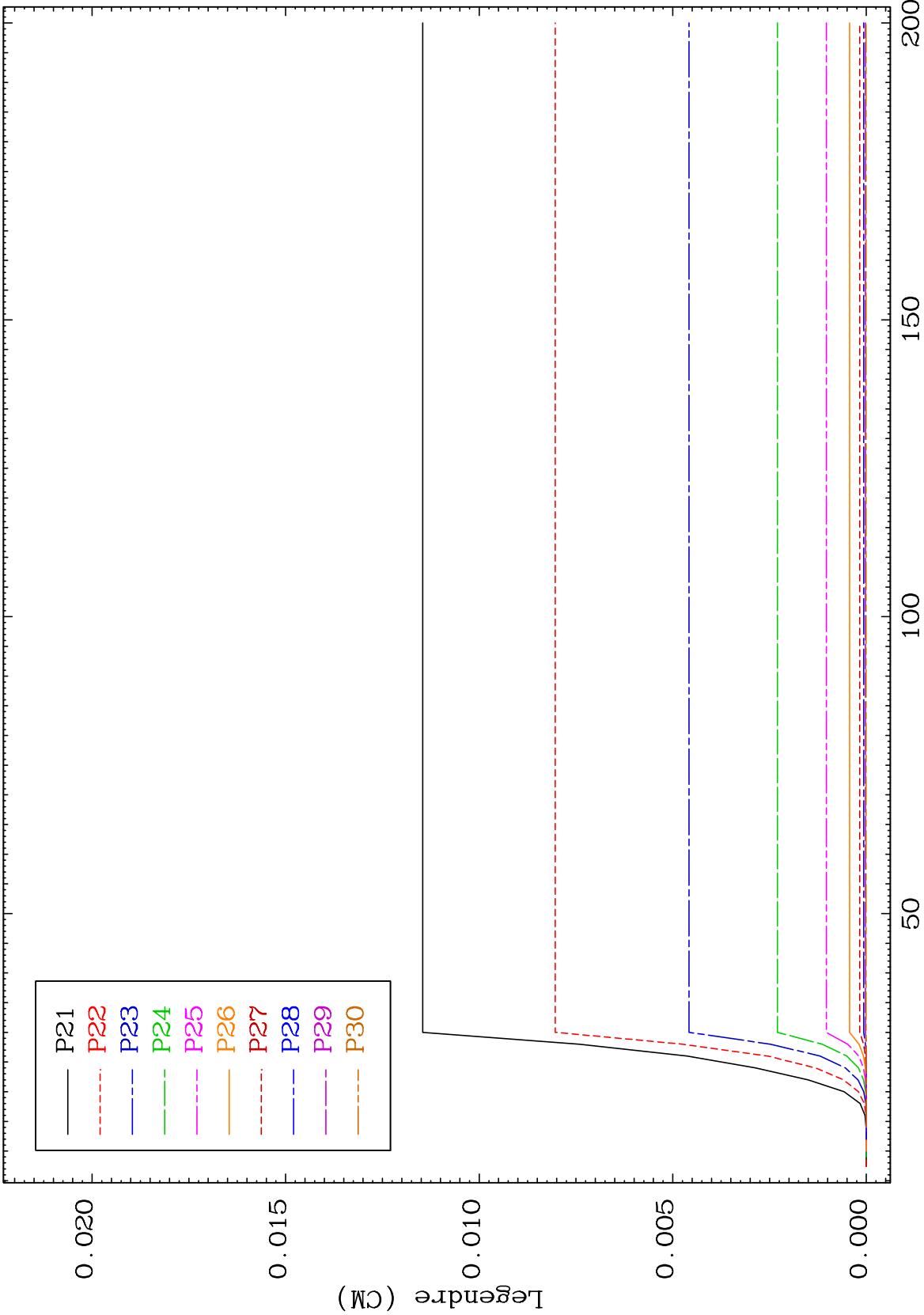
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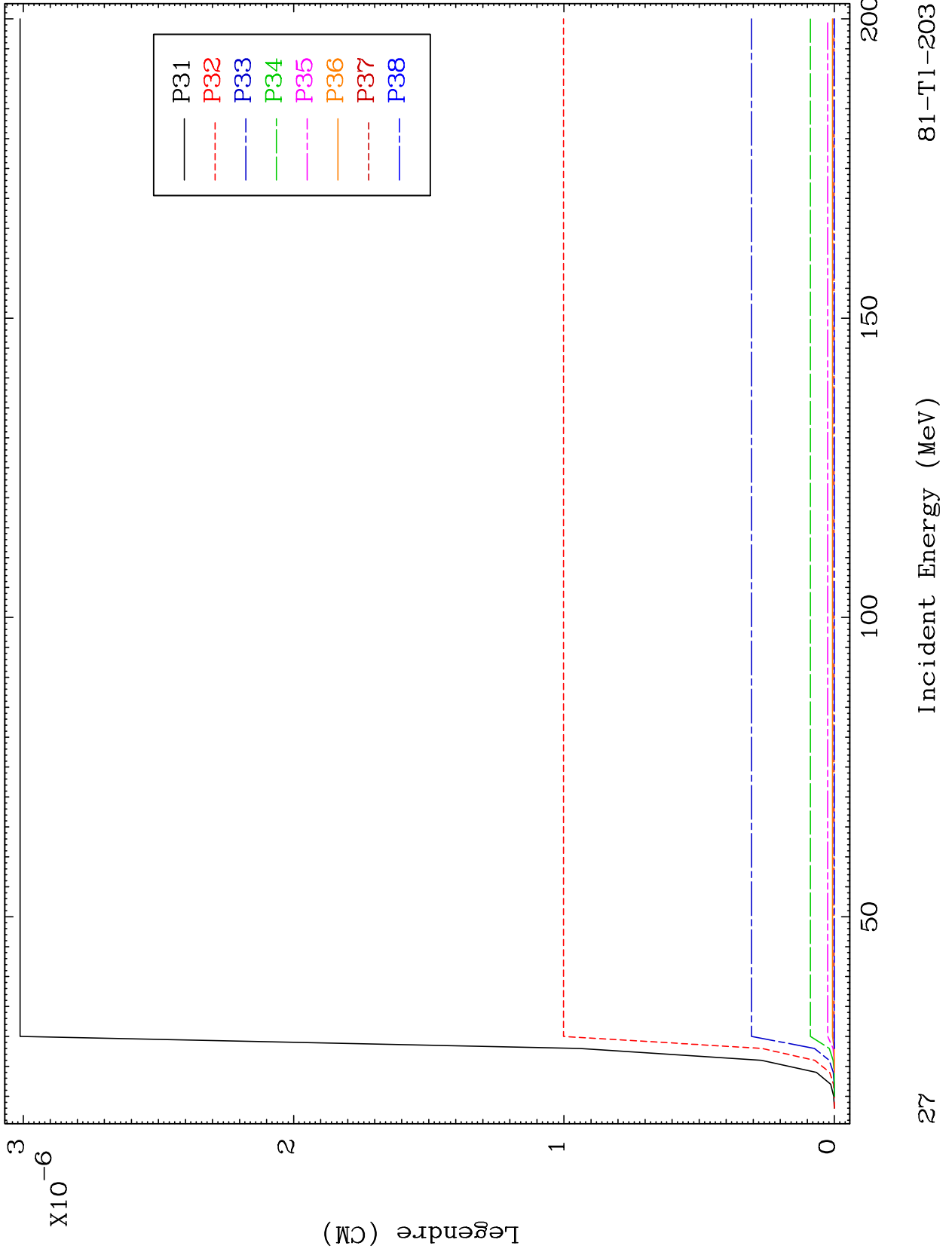


25

Incident Energy (MeV)

81-T1-203

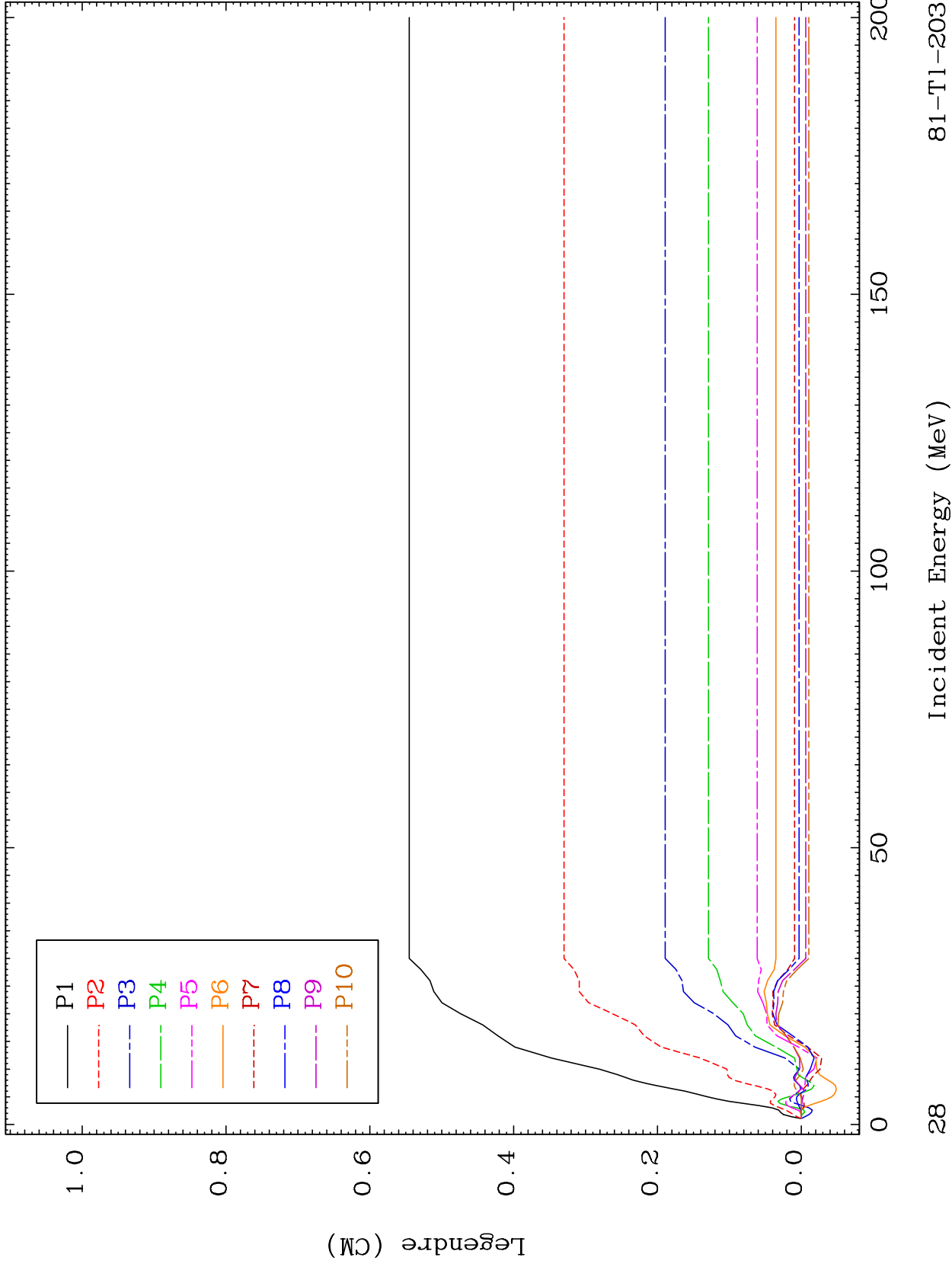




MAT 8125

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

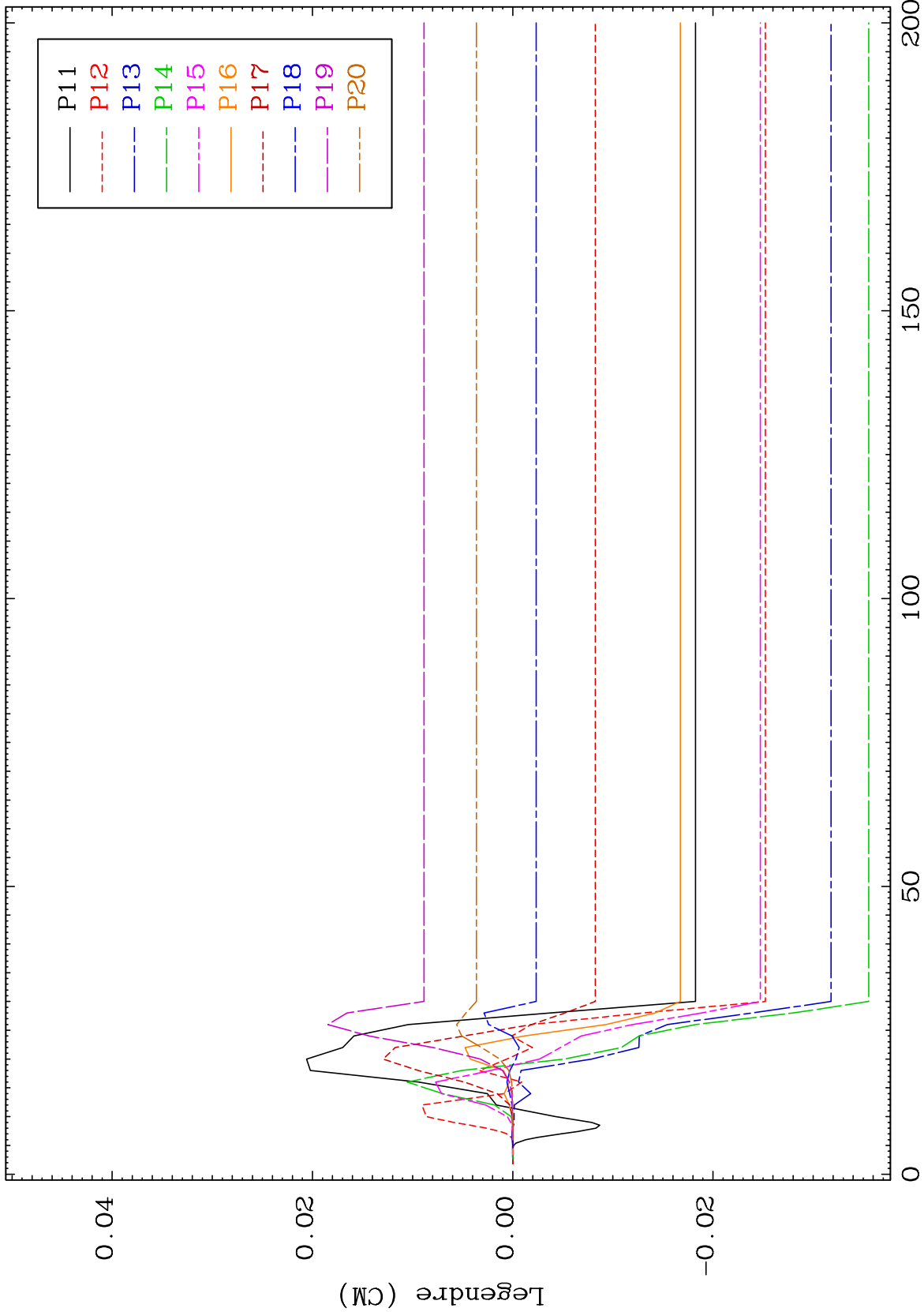
81-T1-203



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Incident Energy (MeV)

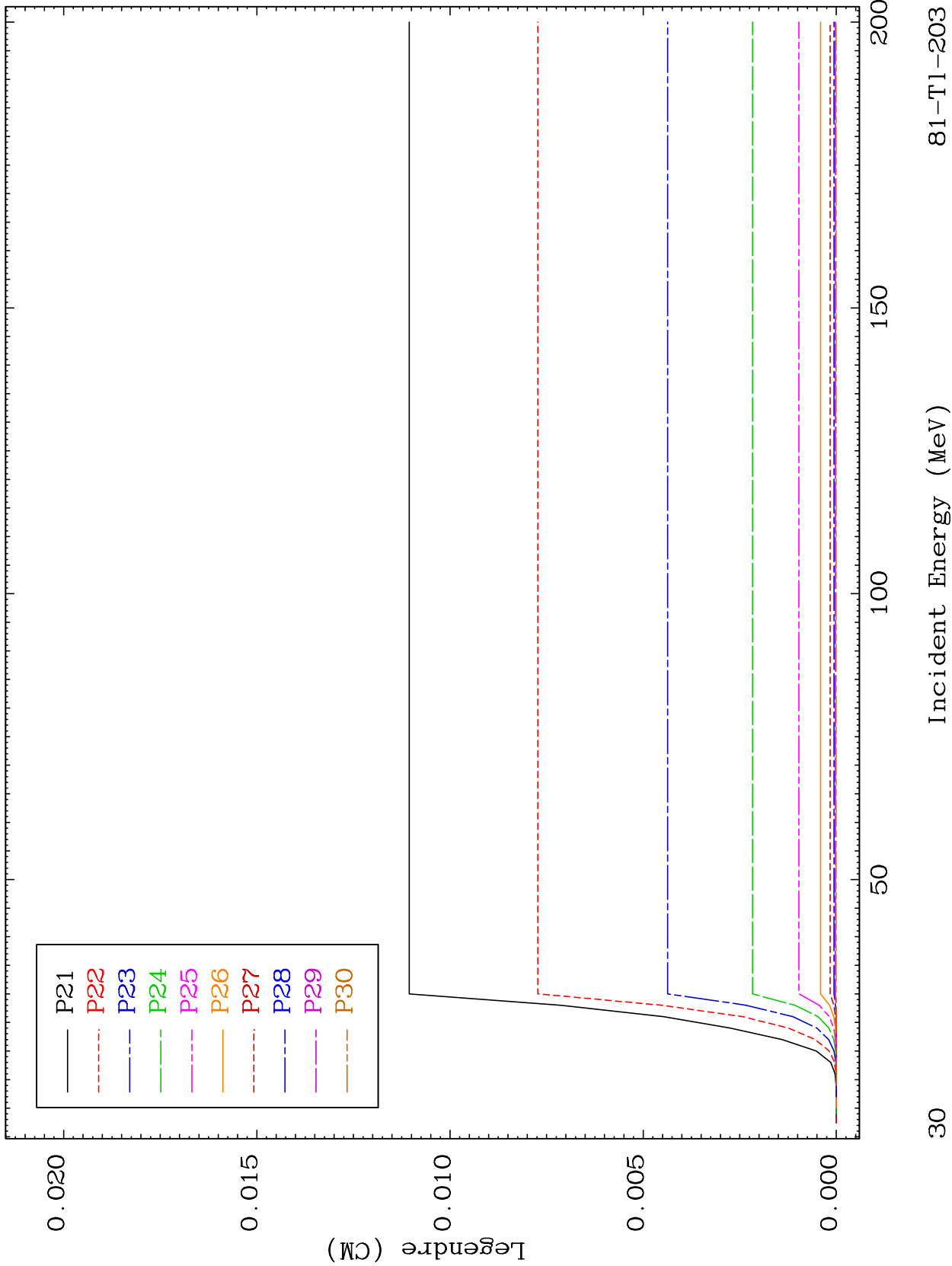
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MAT 8125

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

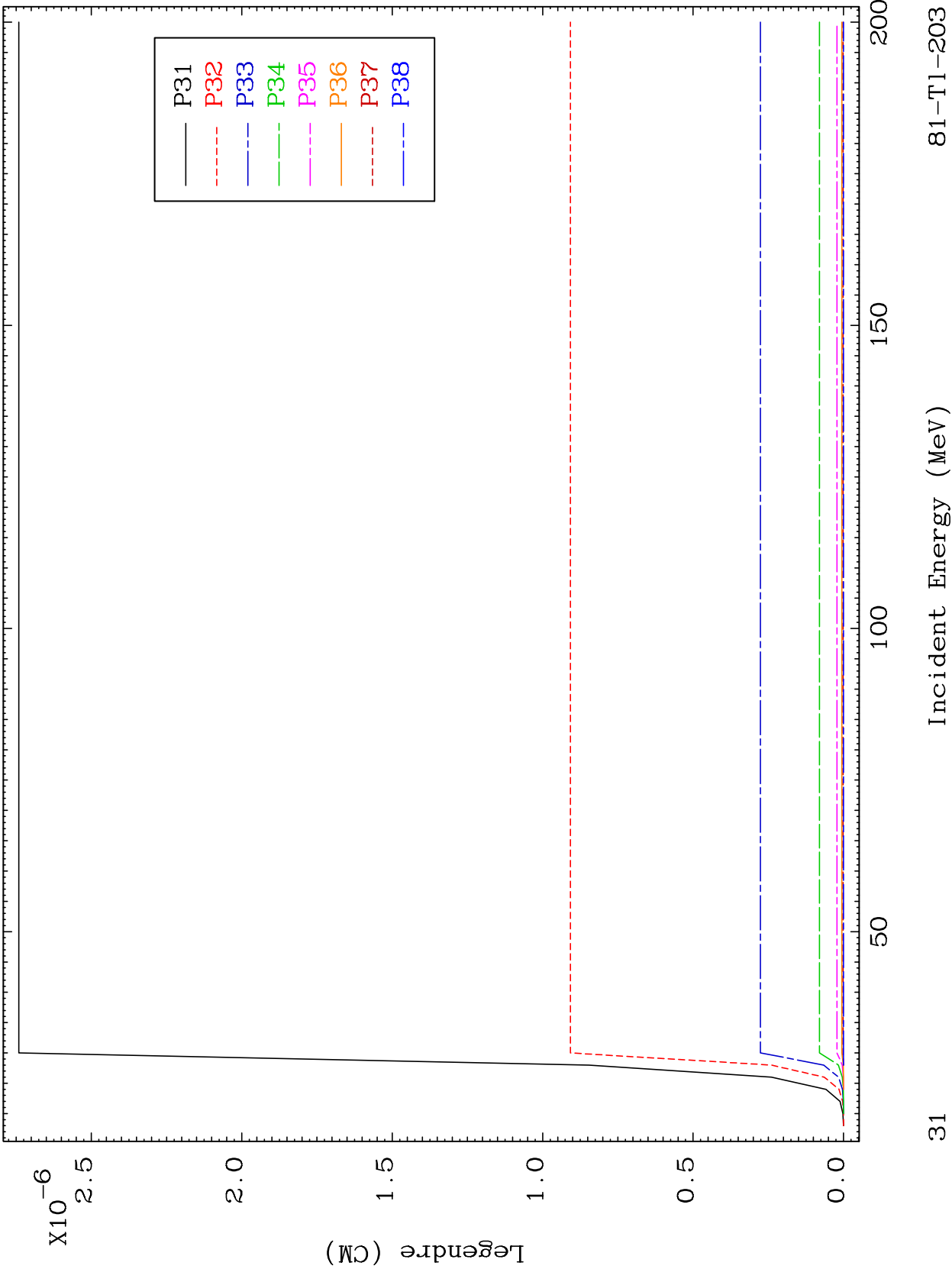
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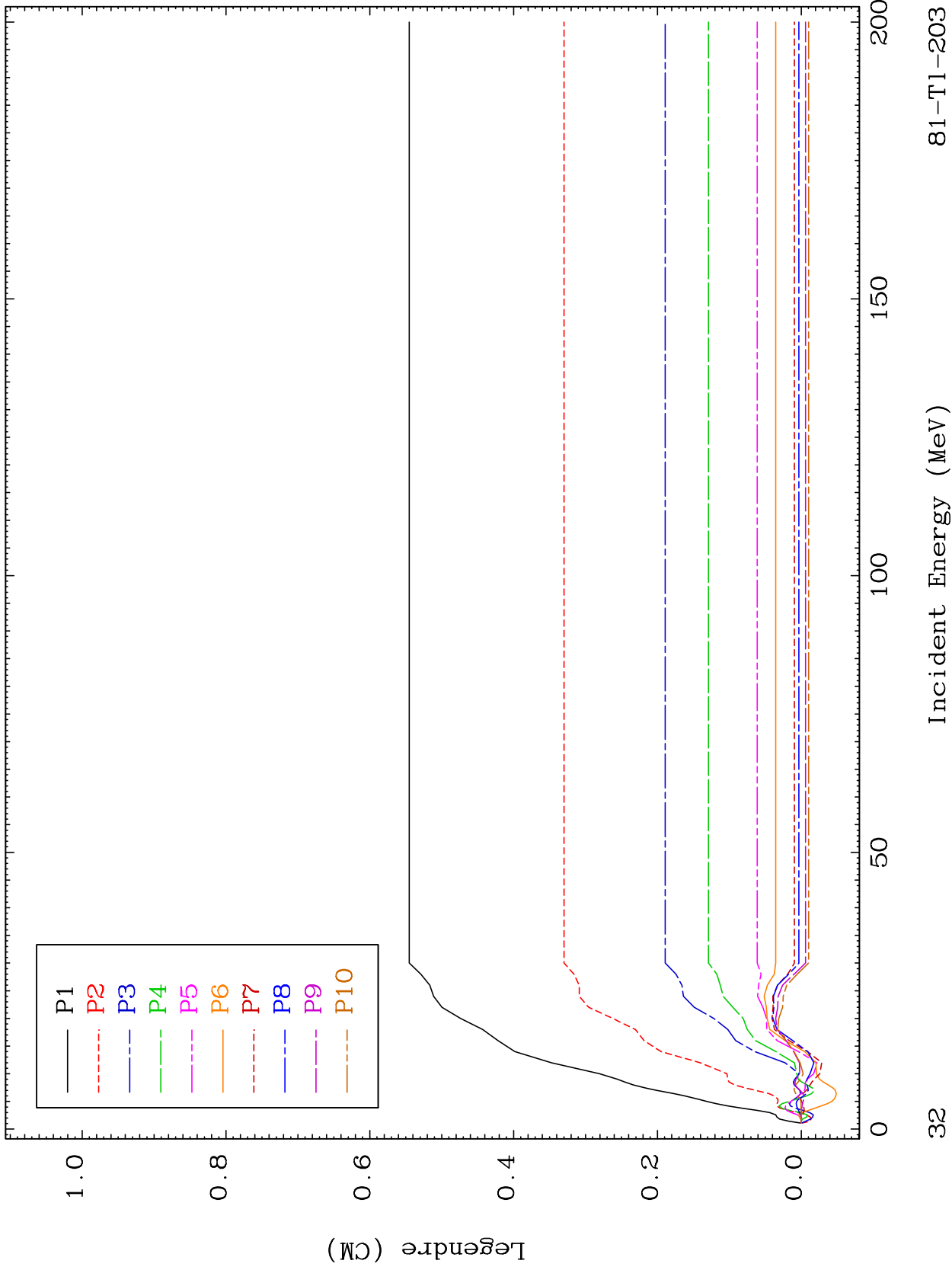
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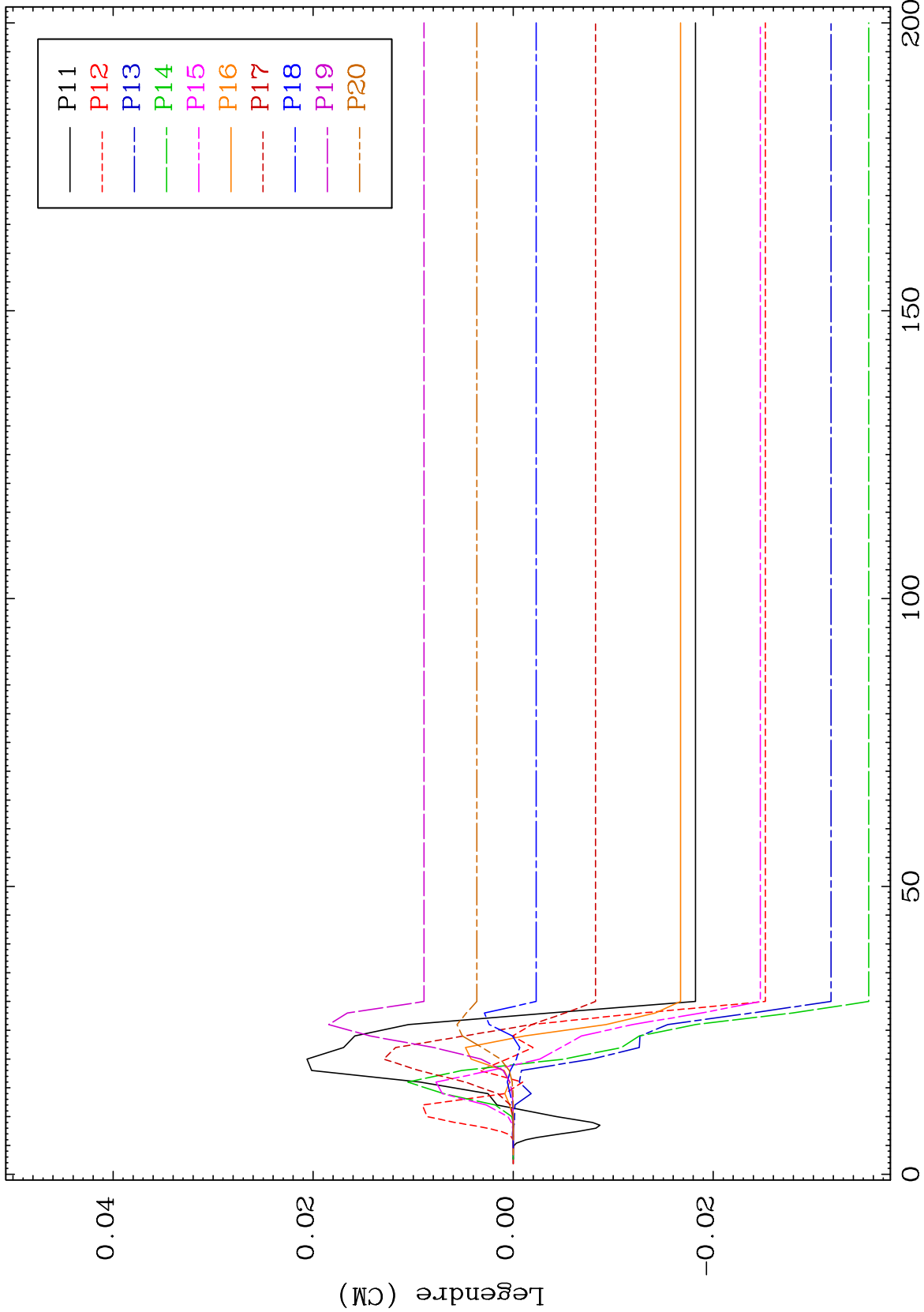
Incident Energy (MeV)

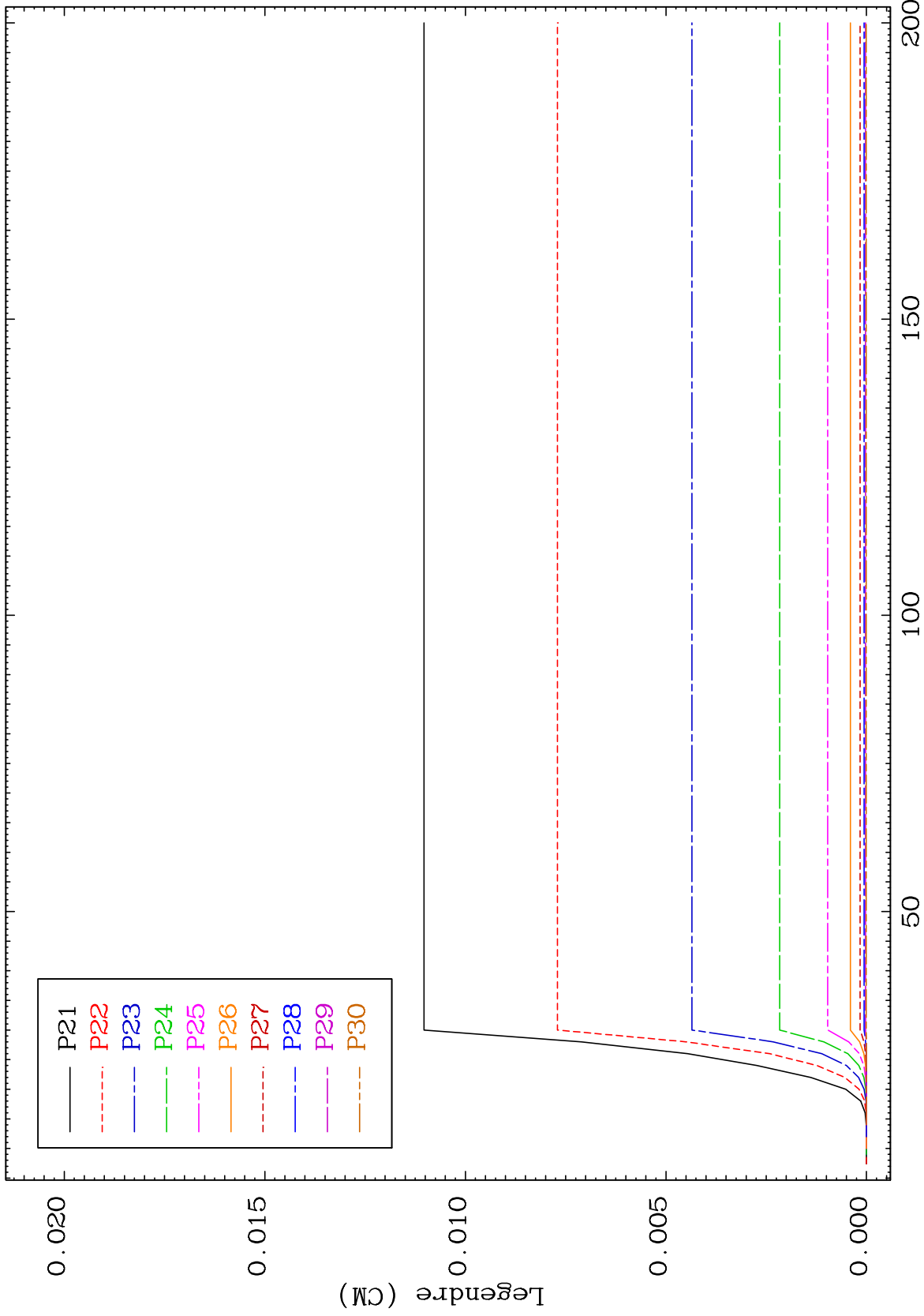
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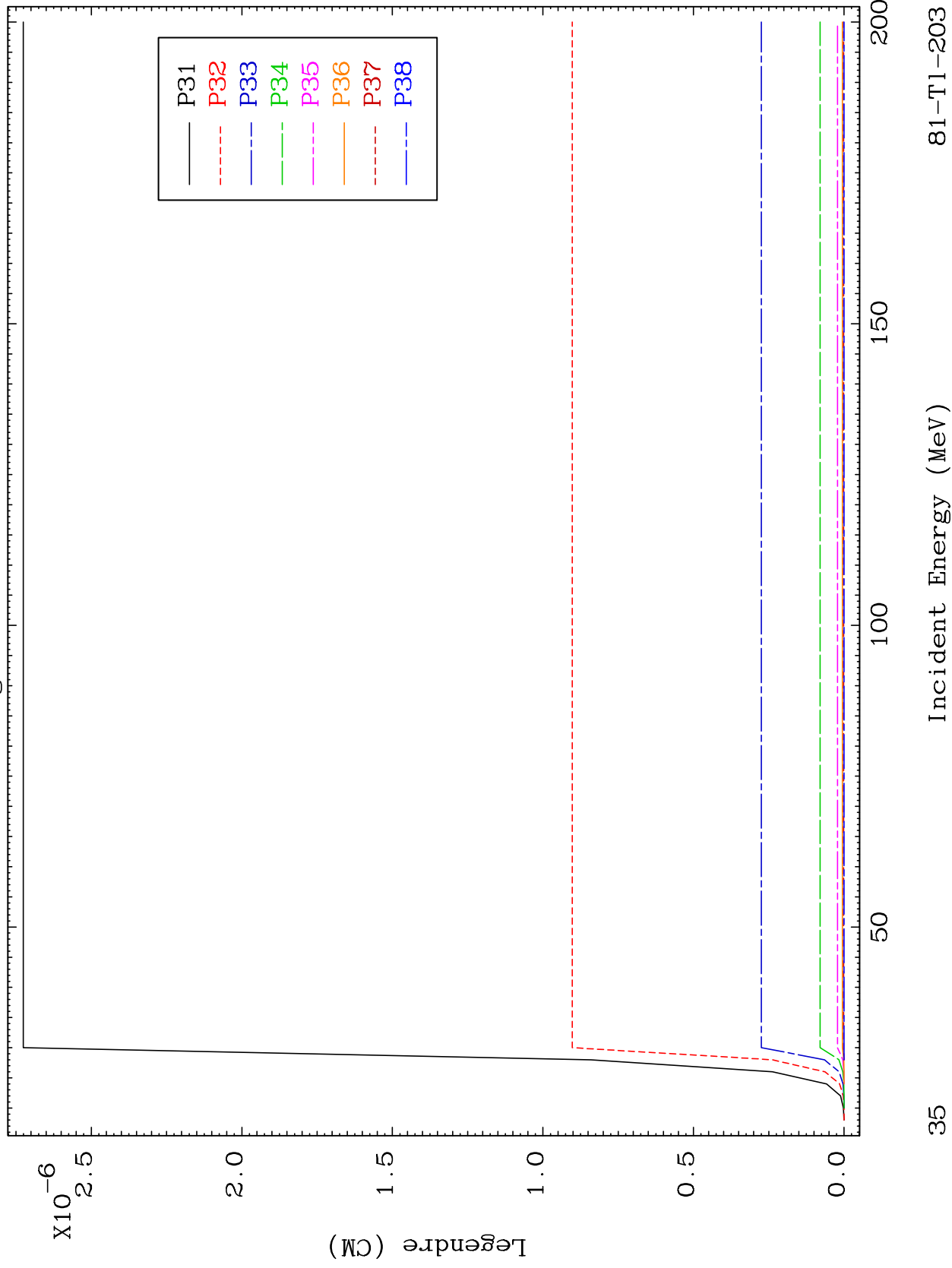




MAT 8125

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

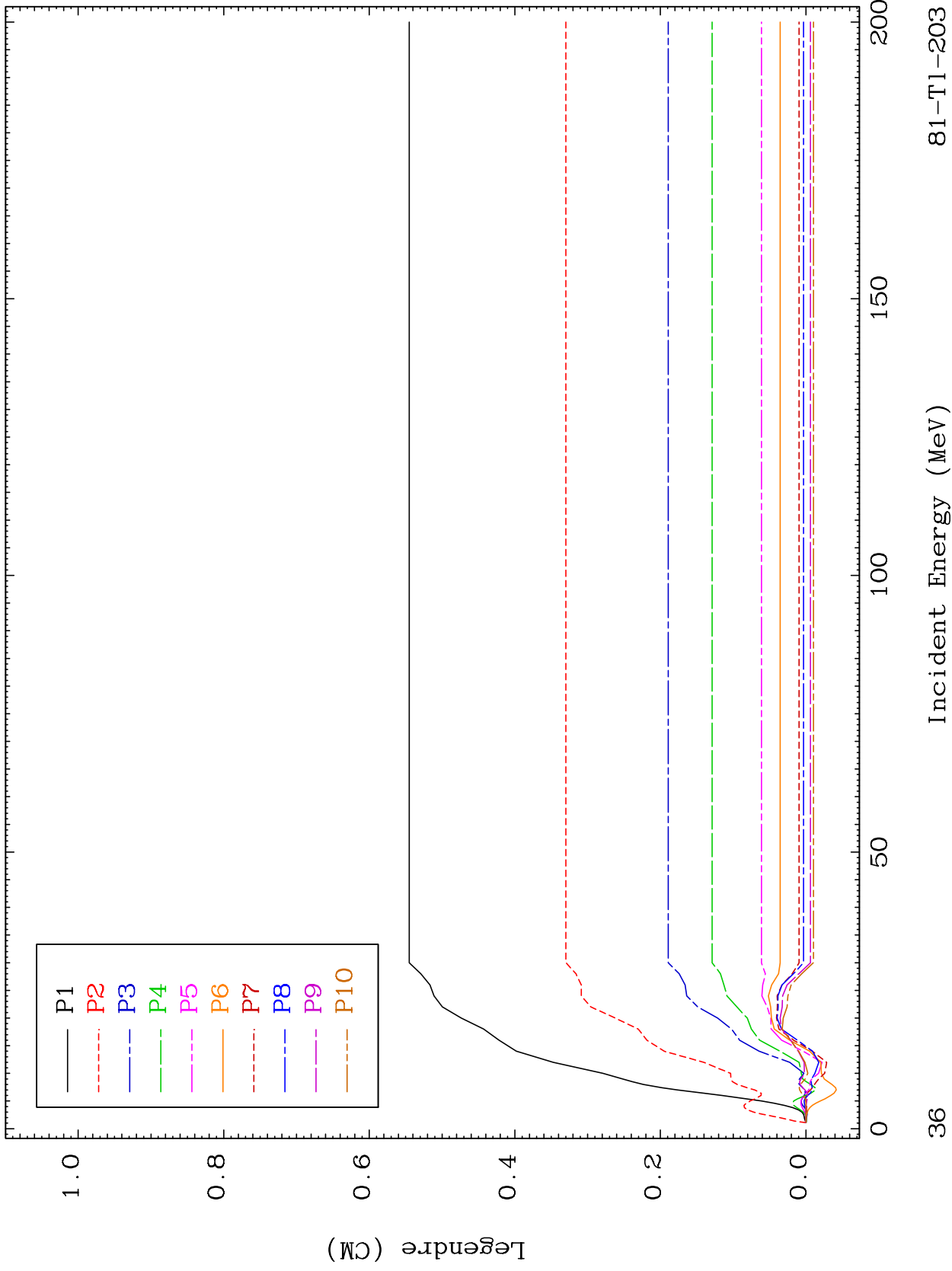
81-T1-203



35

Incident Energy (MeV)

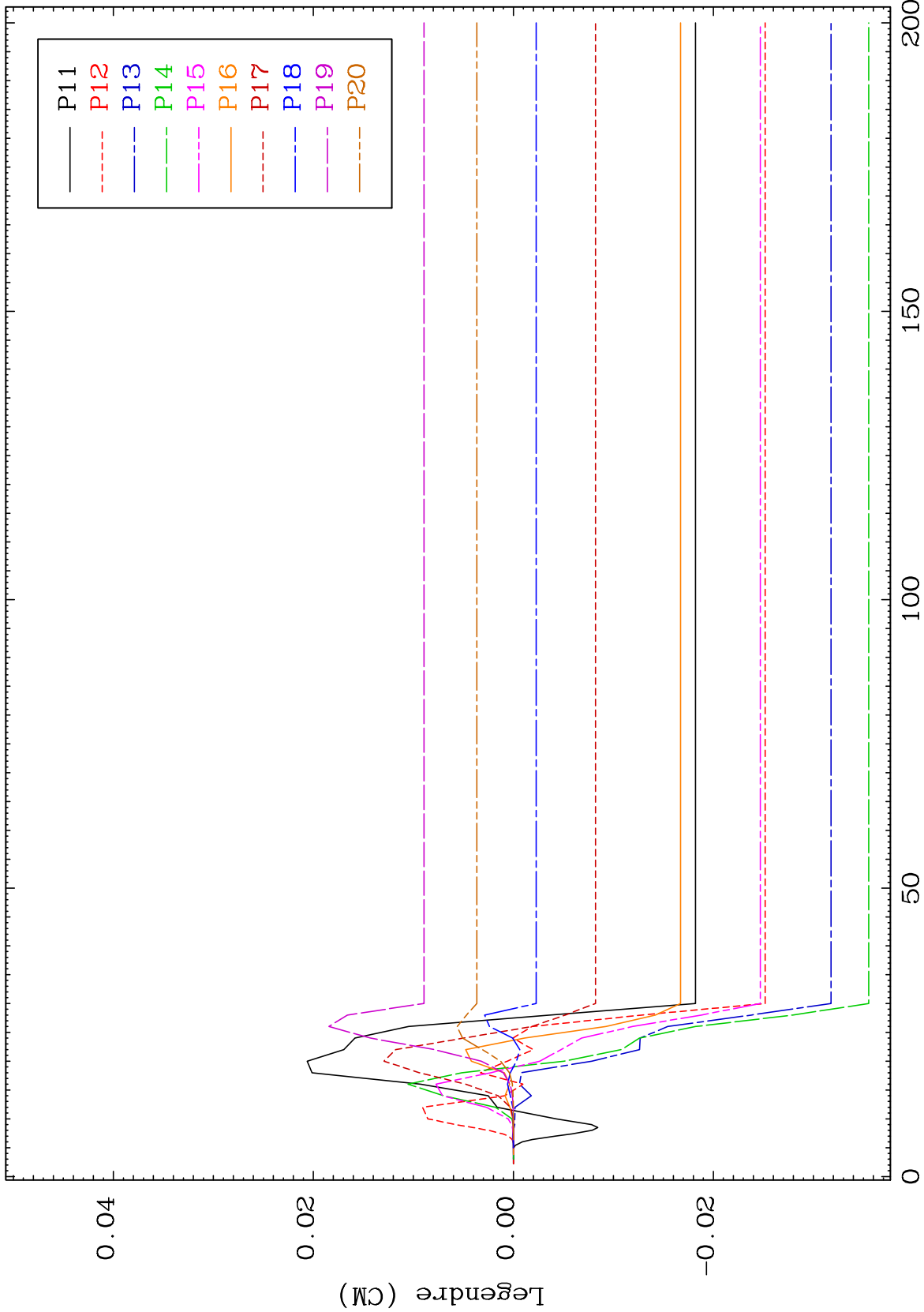
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MAT 8125

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

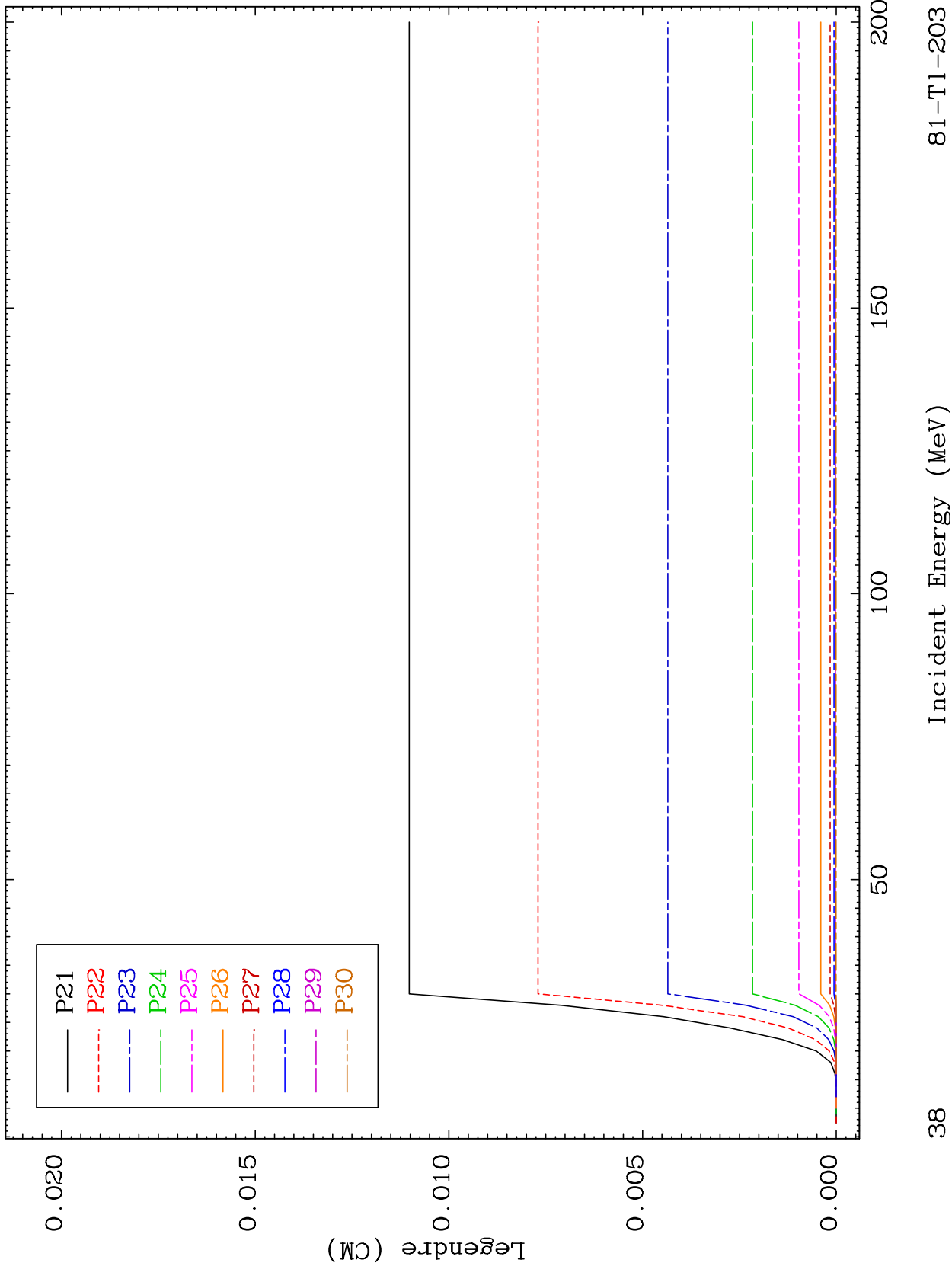
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37

Incident Energy (MeV)

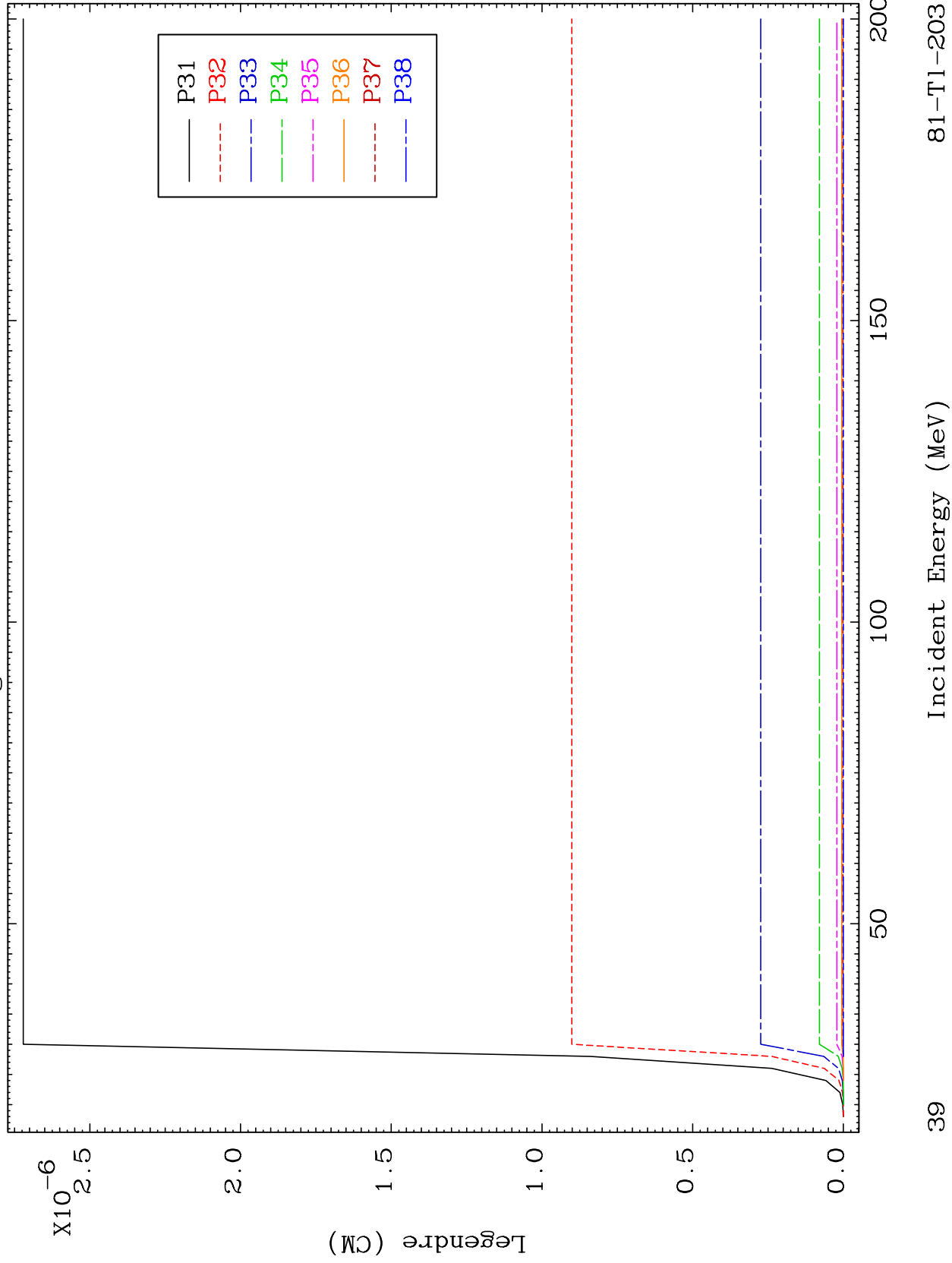
81-T1-203



MAT 8125

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

81-T1-203



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81-T1-203

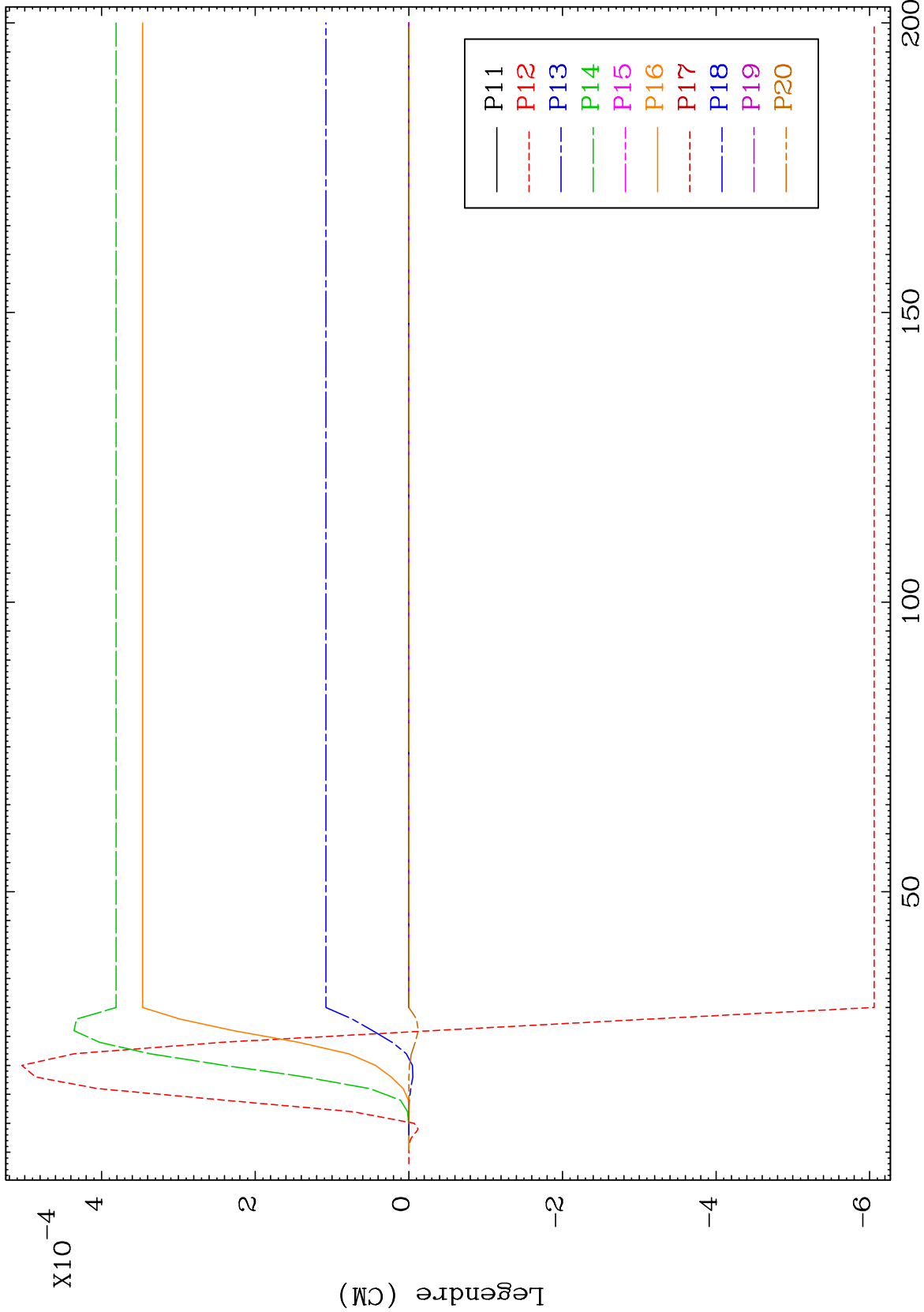




MAT 8125

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

81-T1-203



41

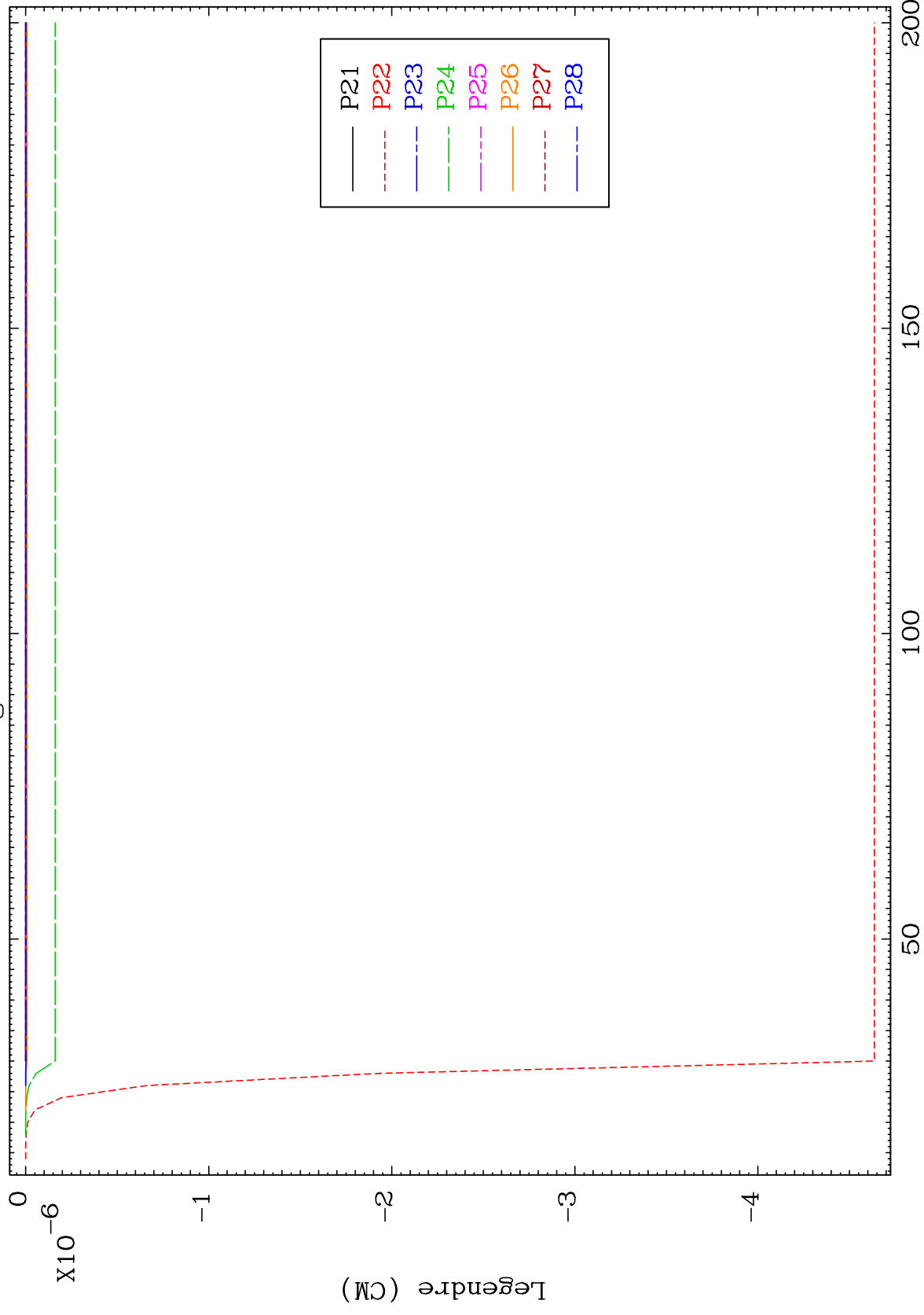
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



42

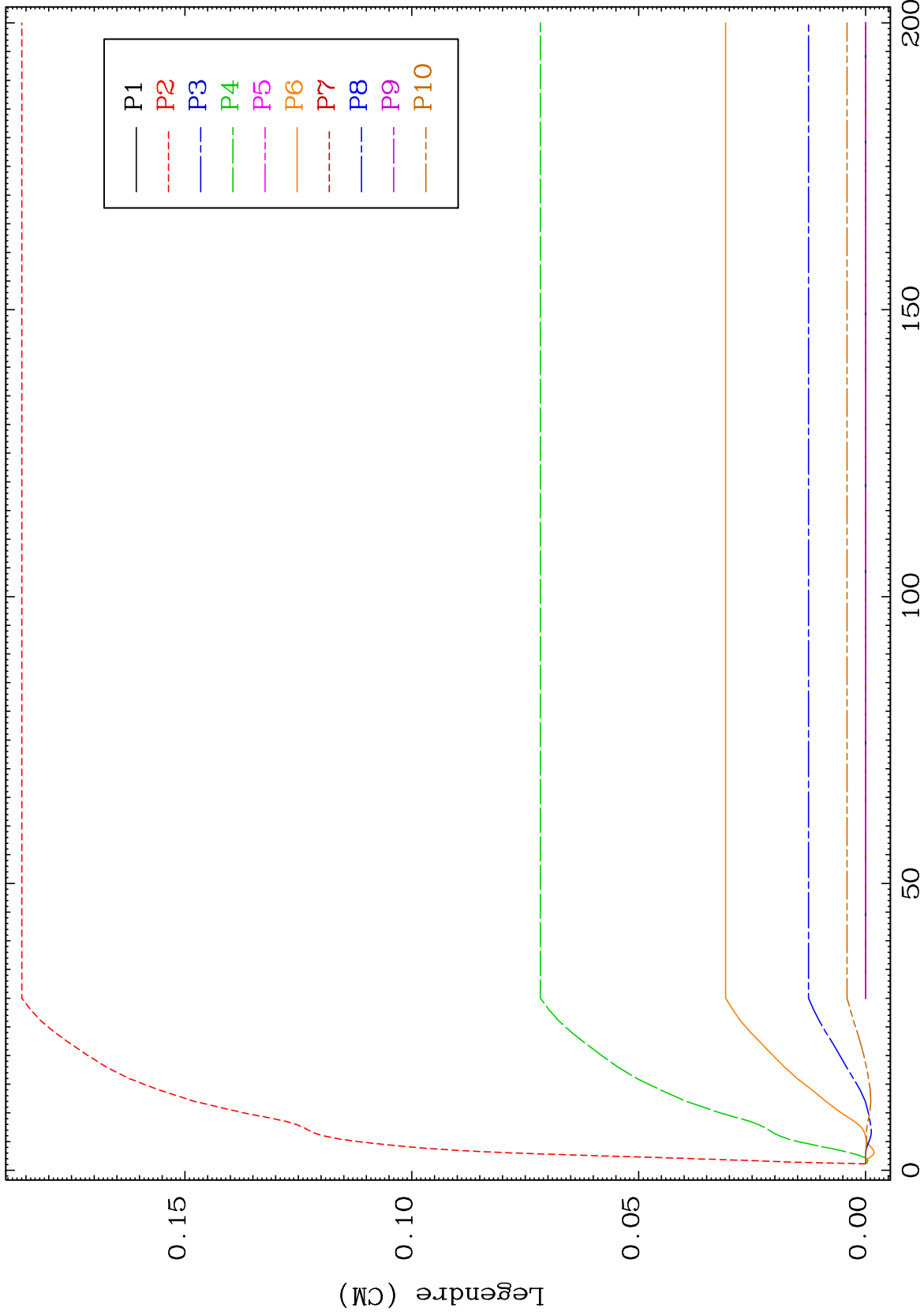
Incident Energy (MeV)

81-T1-203

MAT 8125

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

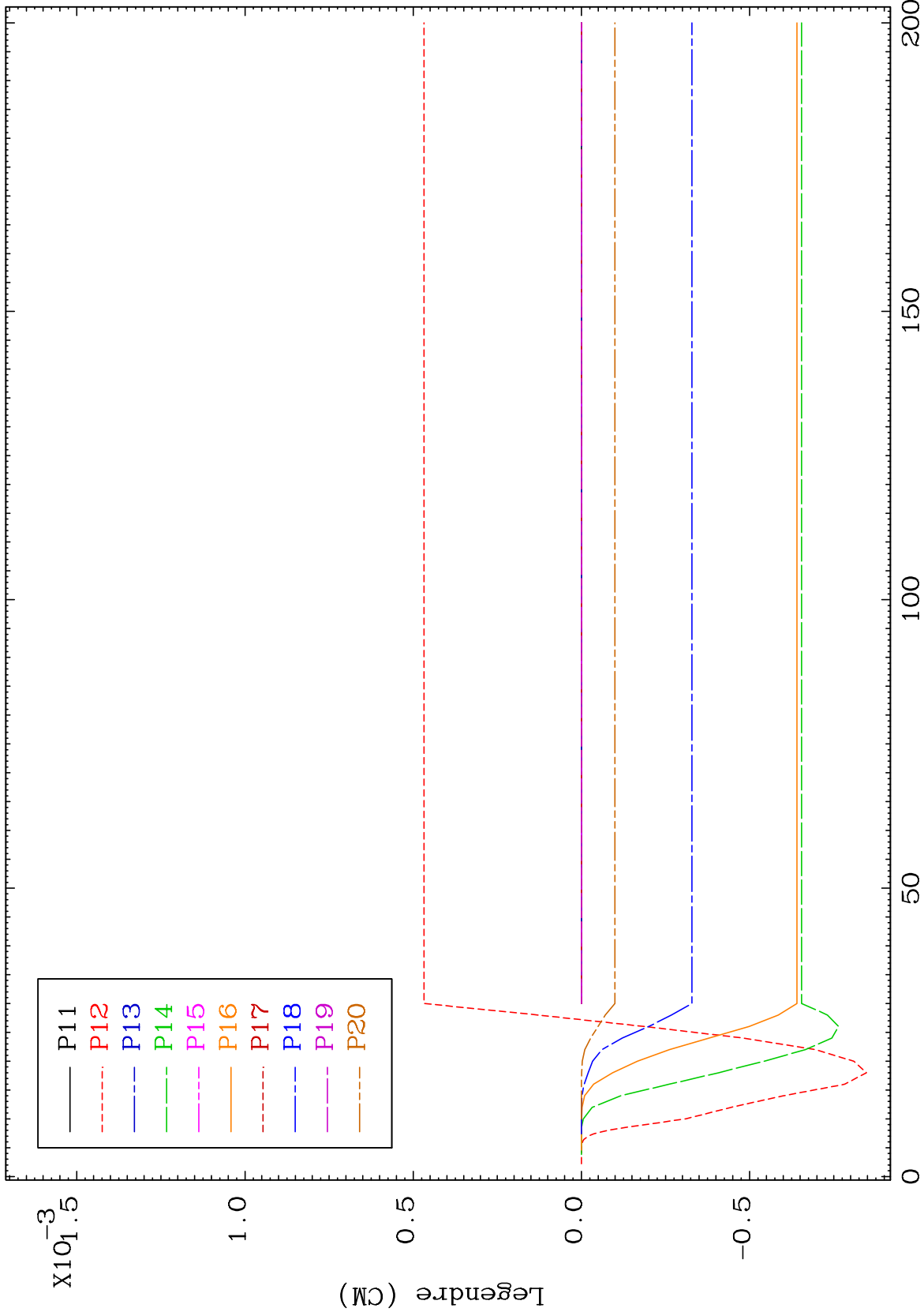
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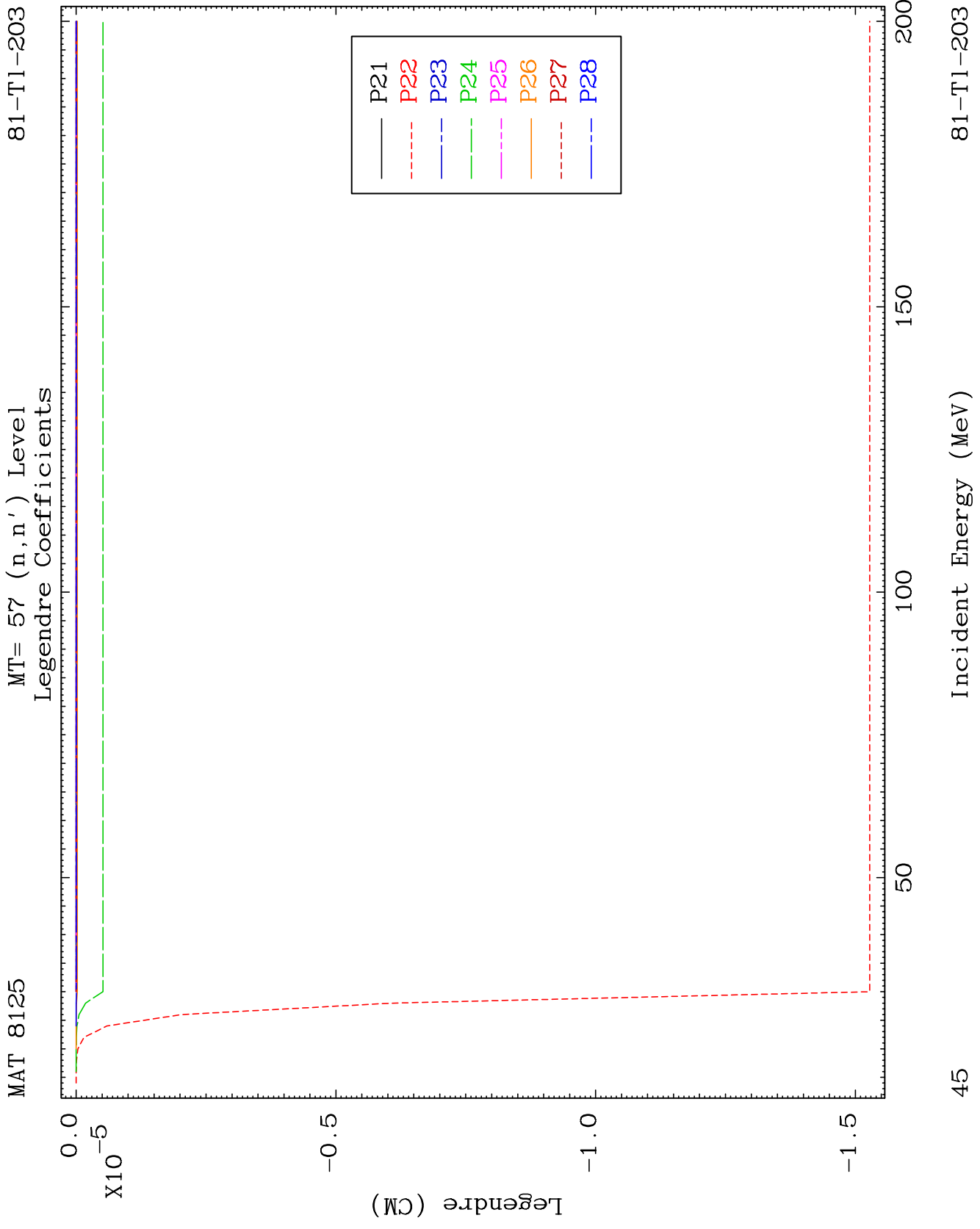


81-T1-203

Incident Energy (MeV)

43



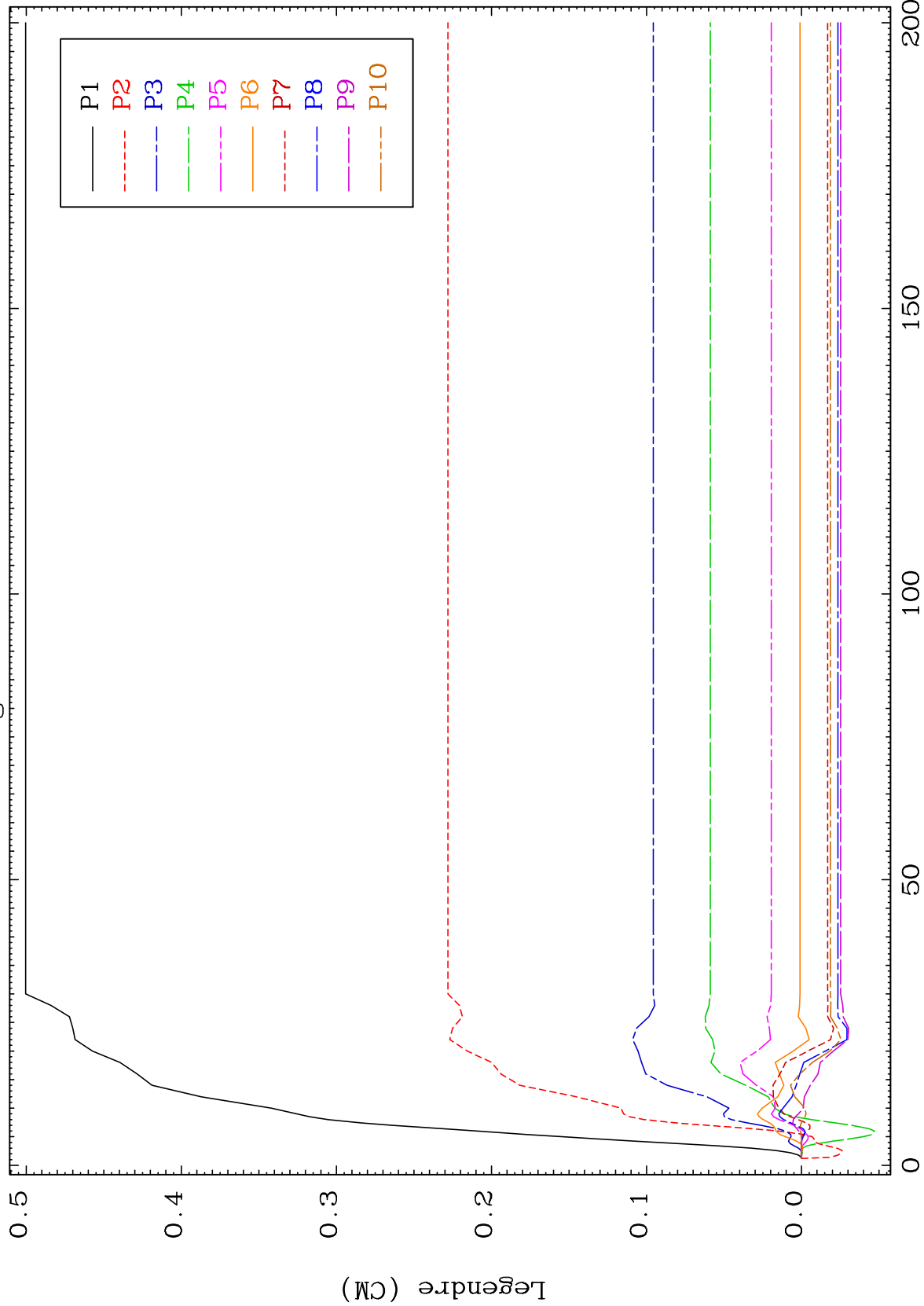


MAT 8125

MT= 58 (n,n') Level

81-T1-203

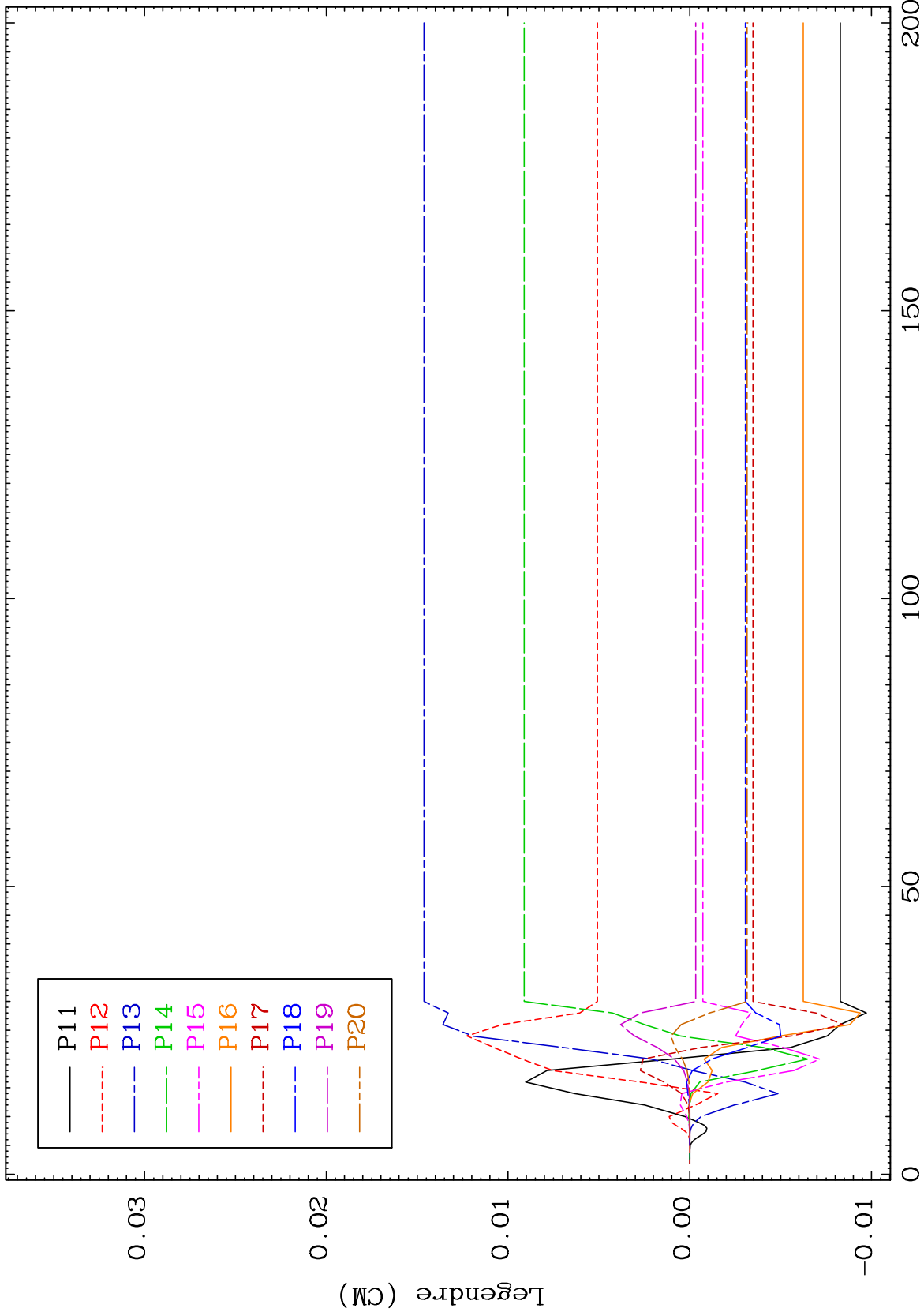
Legendre Coefficients



Incident Energy (MeV)

81-T1-203

46

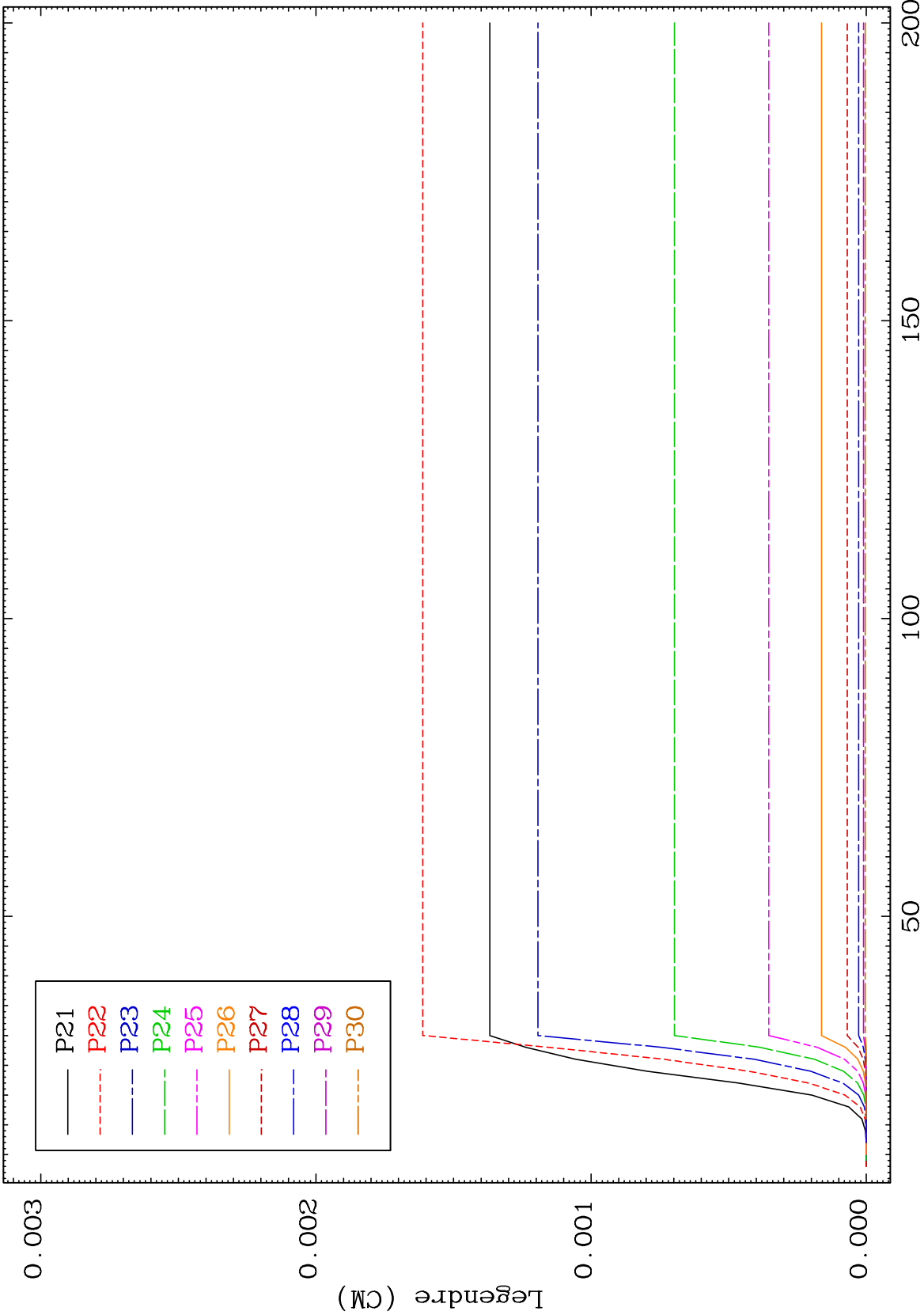




MAT 8125

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

81-T1-203



48

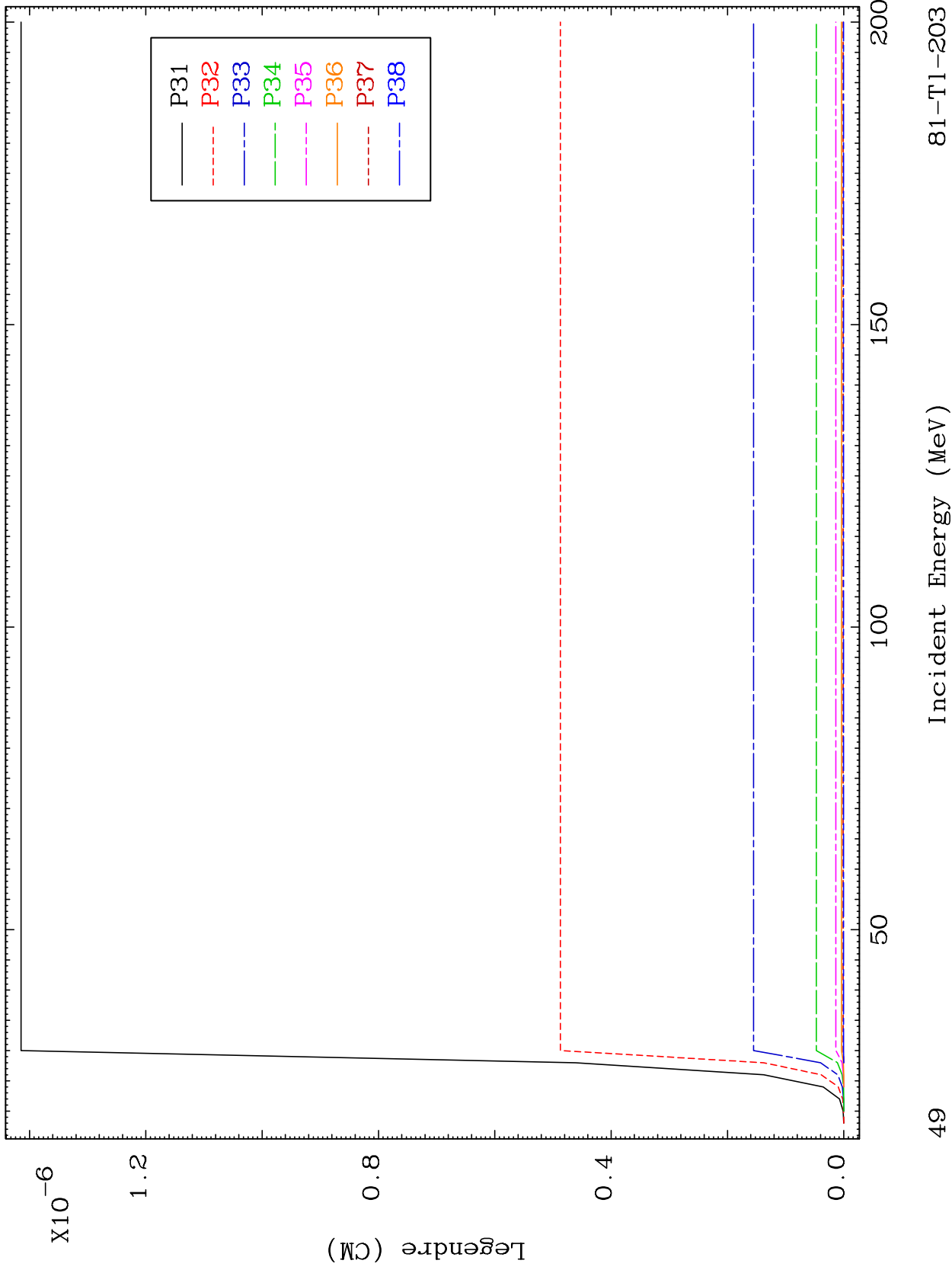
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



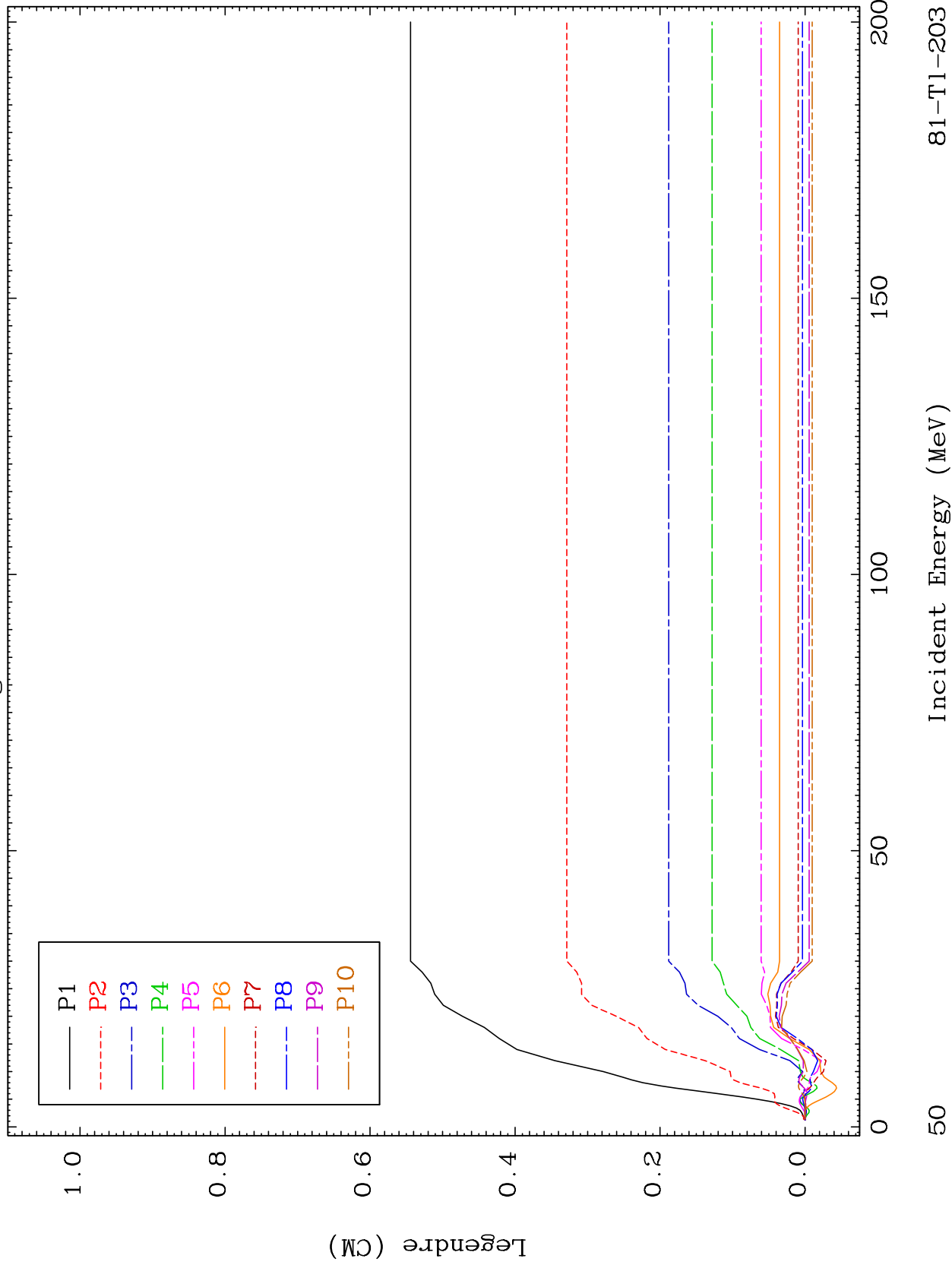
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81-T1-203

MAT 8125

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

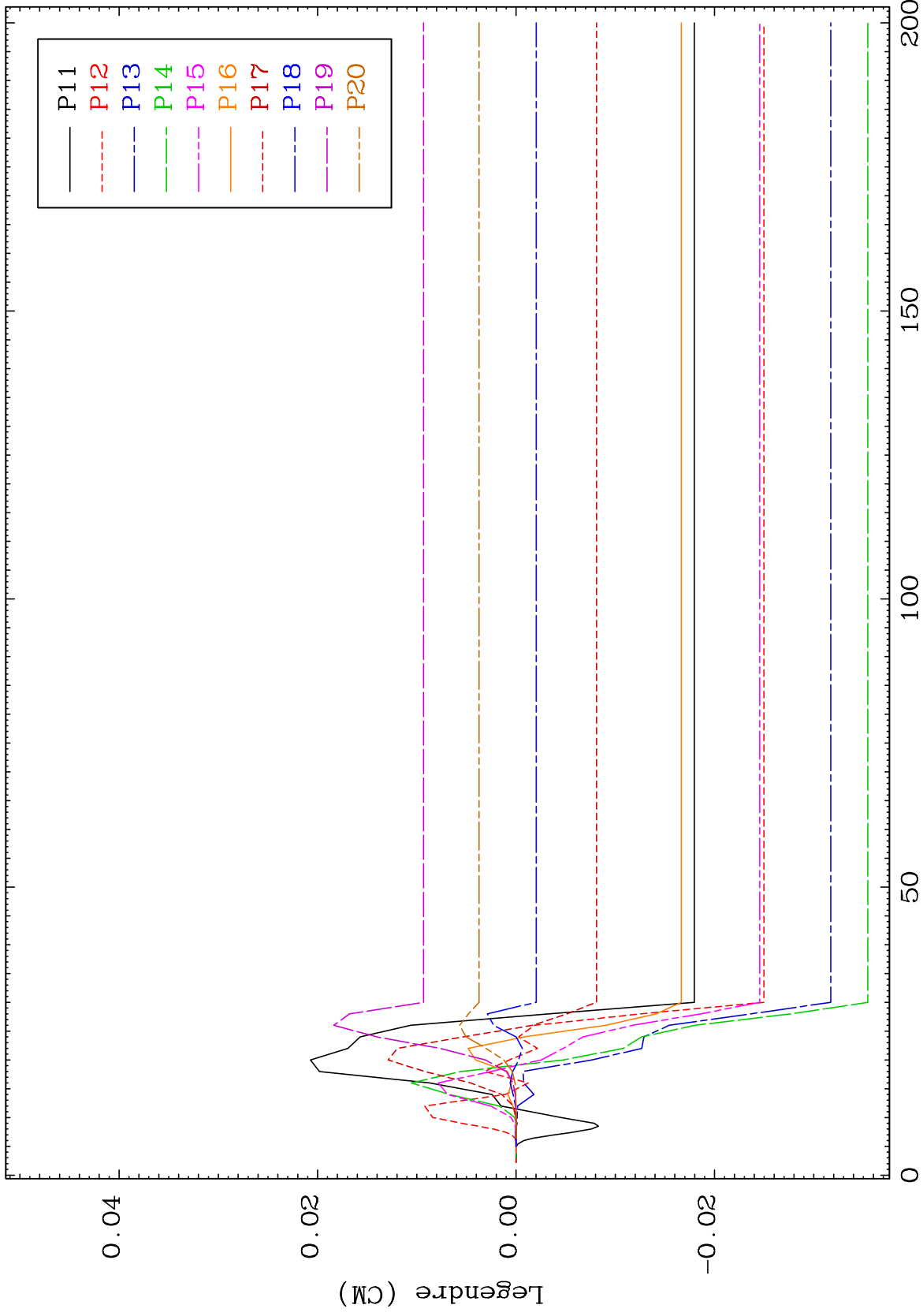
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MAT 8125

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

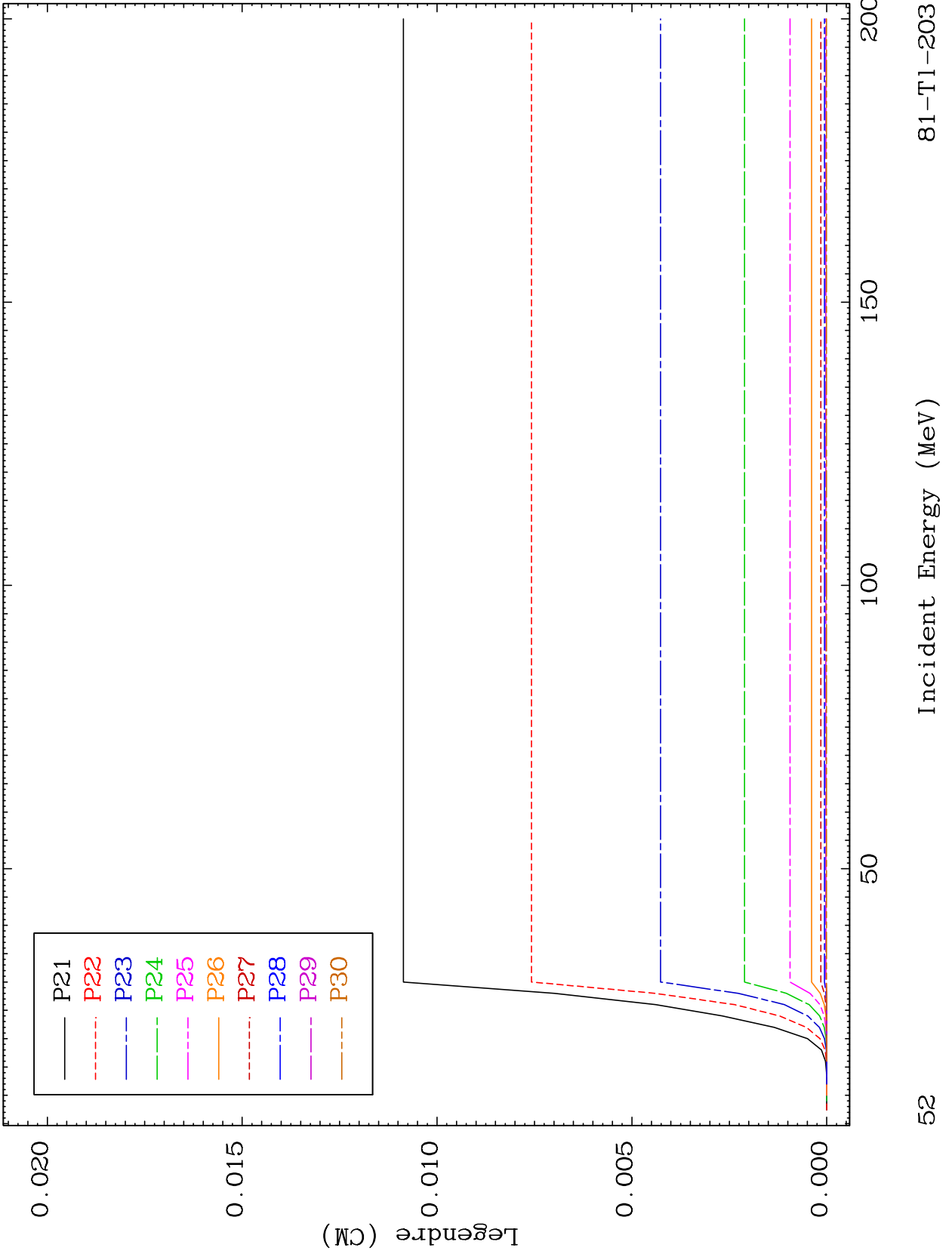
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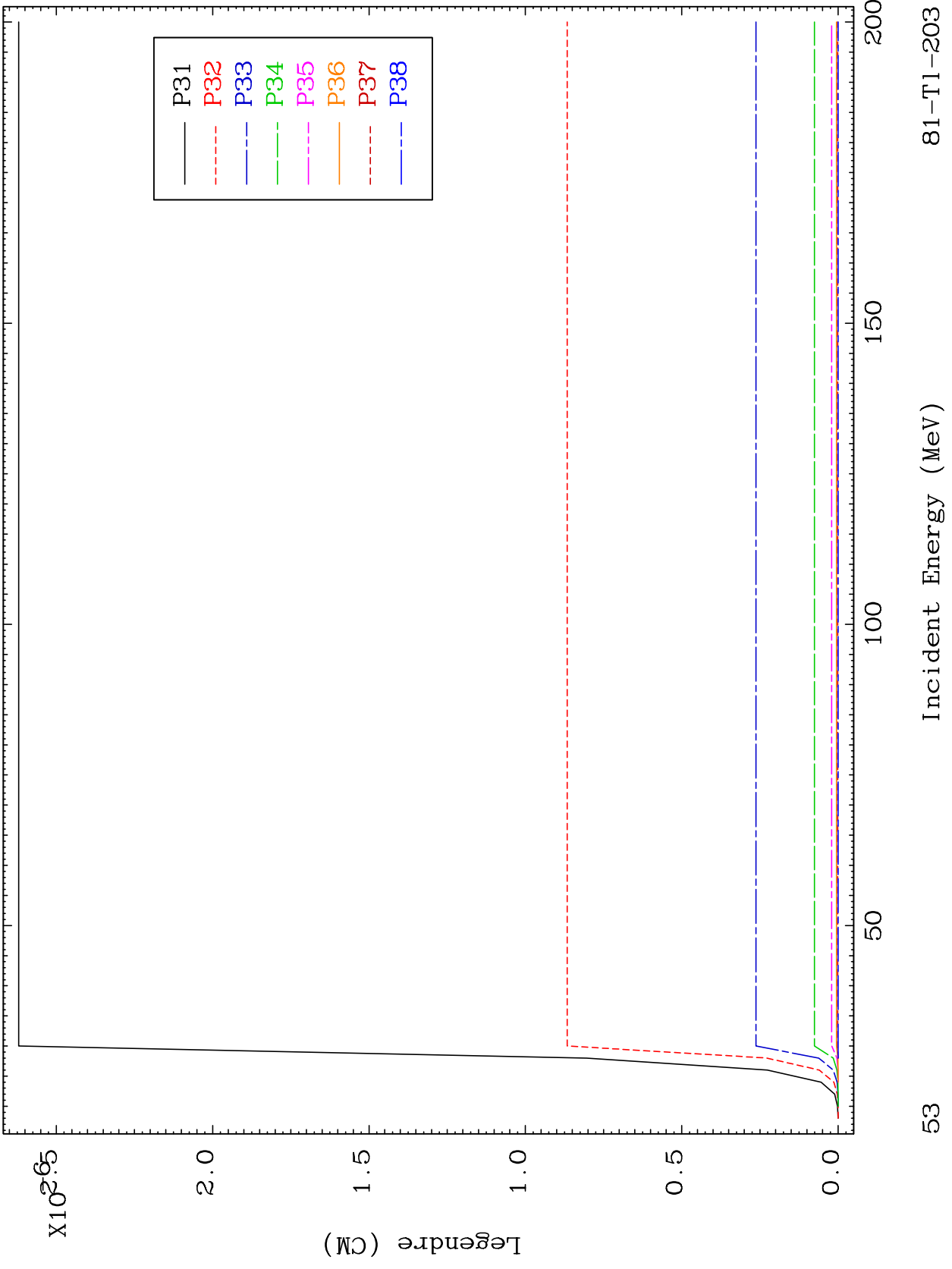


51

Incident Energy (MeV)

81-T1-203

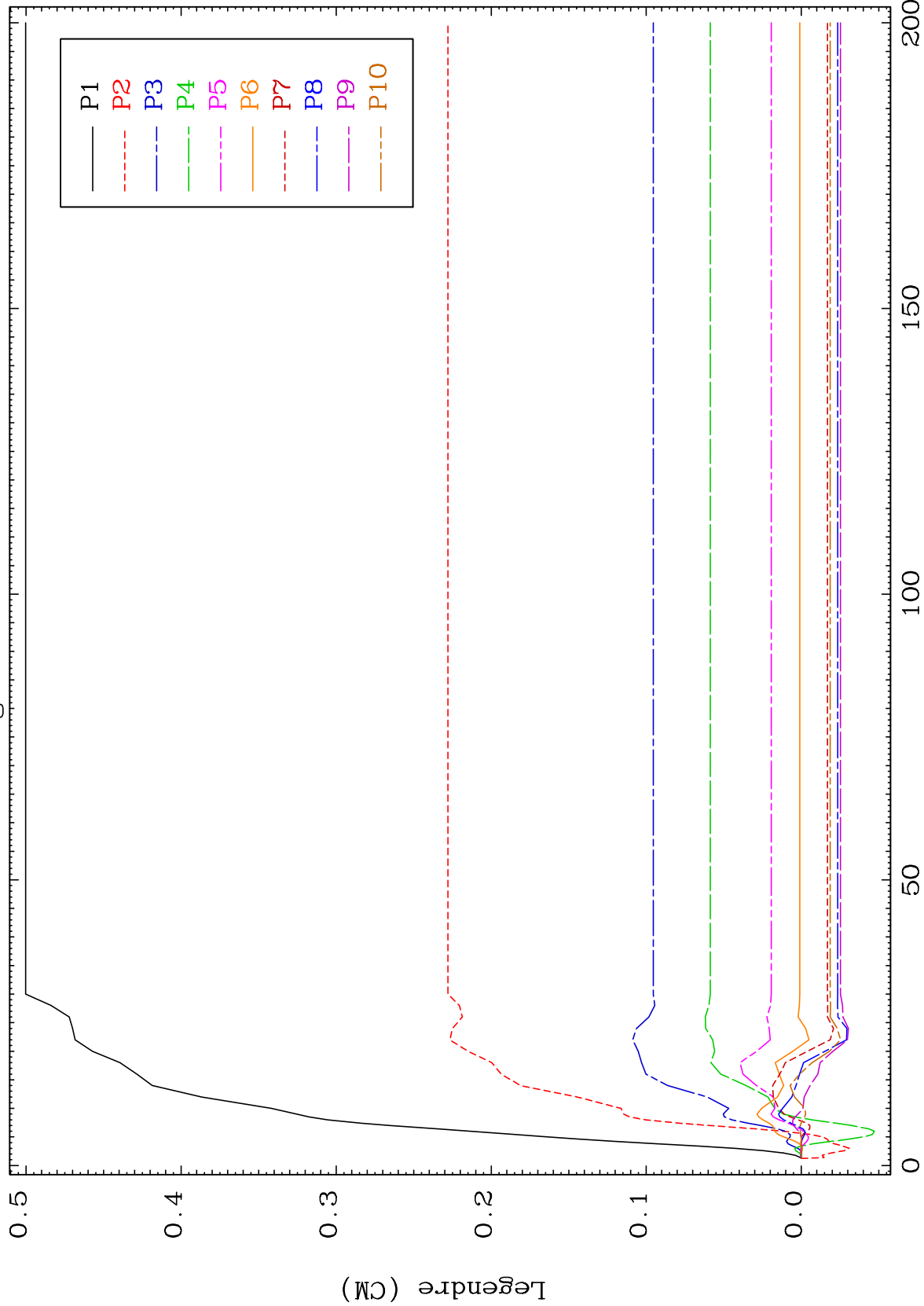




MAT 8125

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

81-T1-203



54

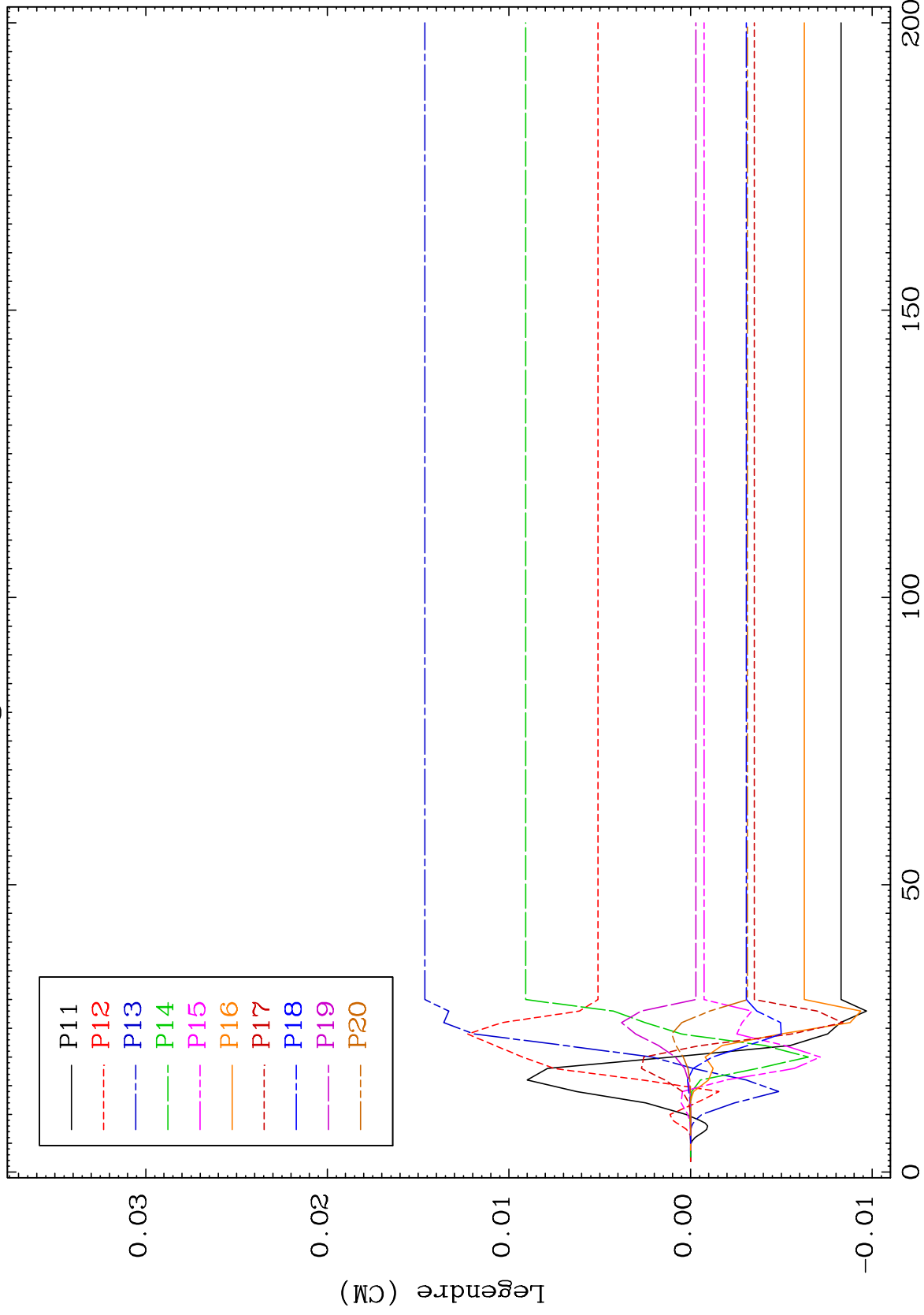
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203

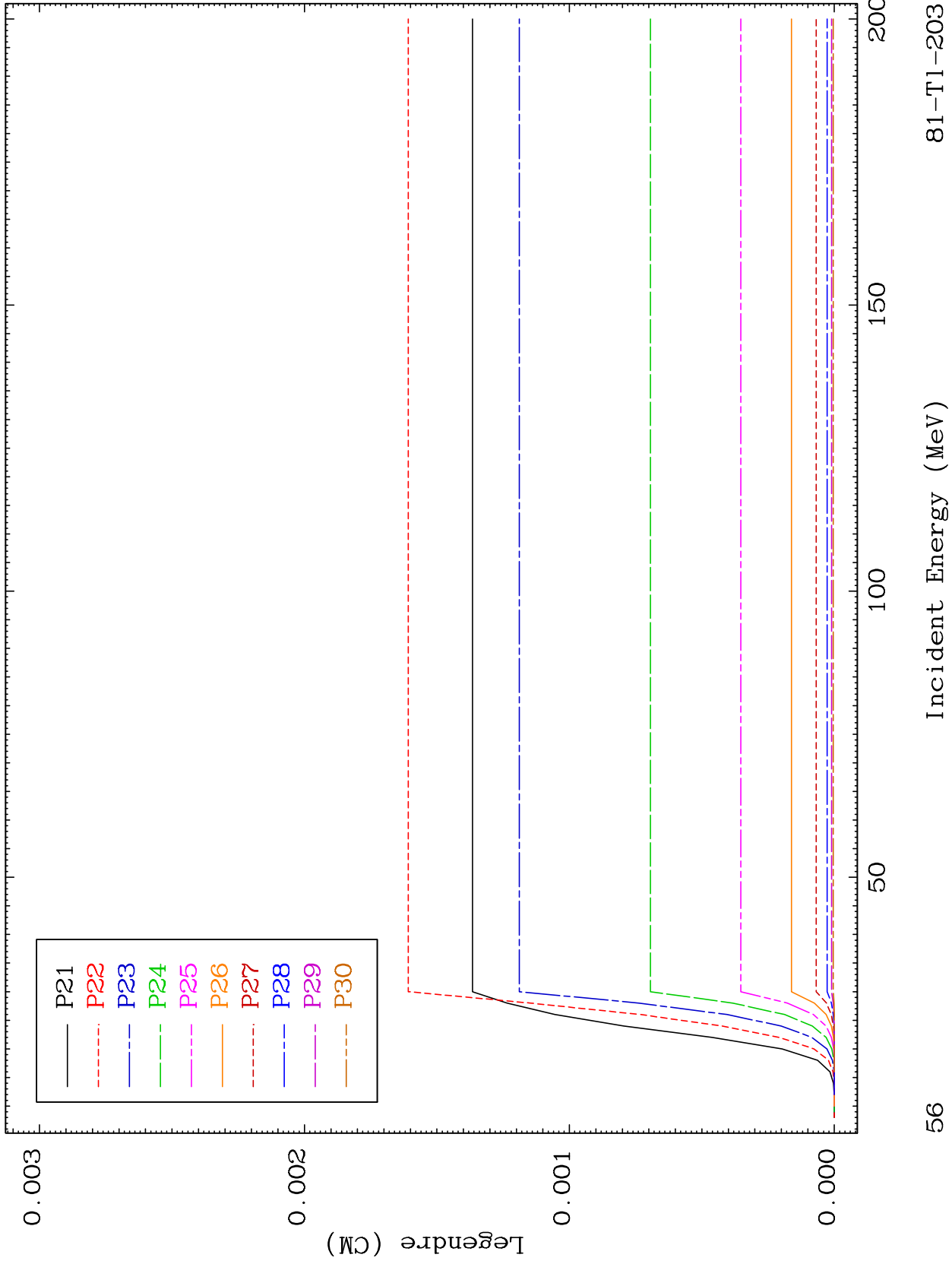


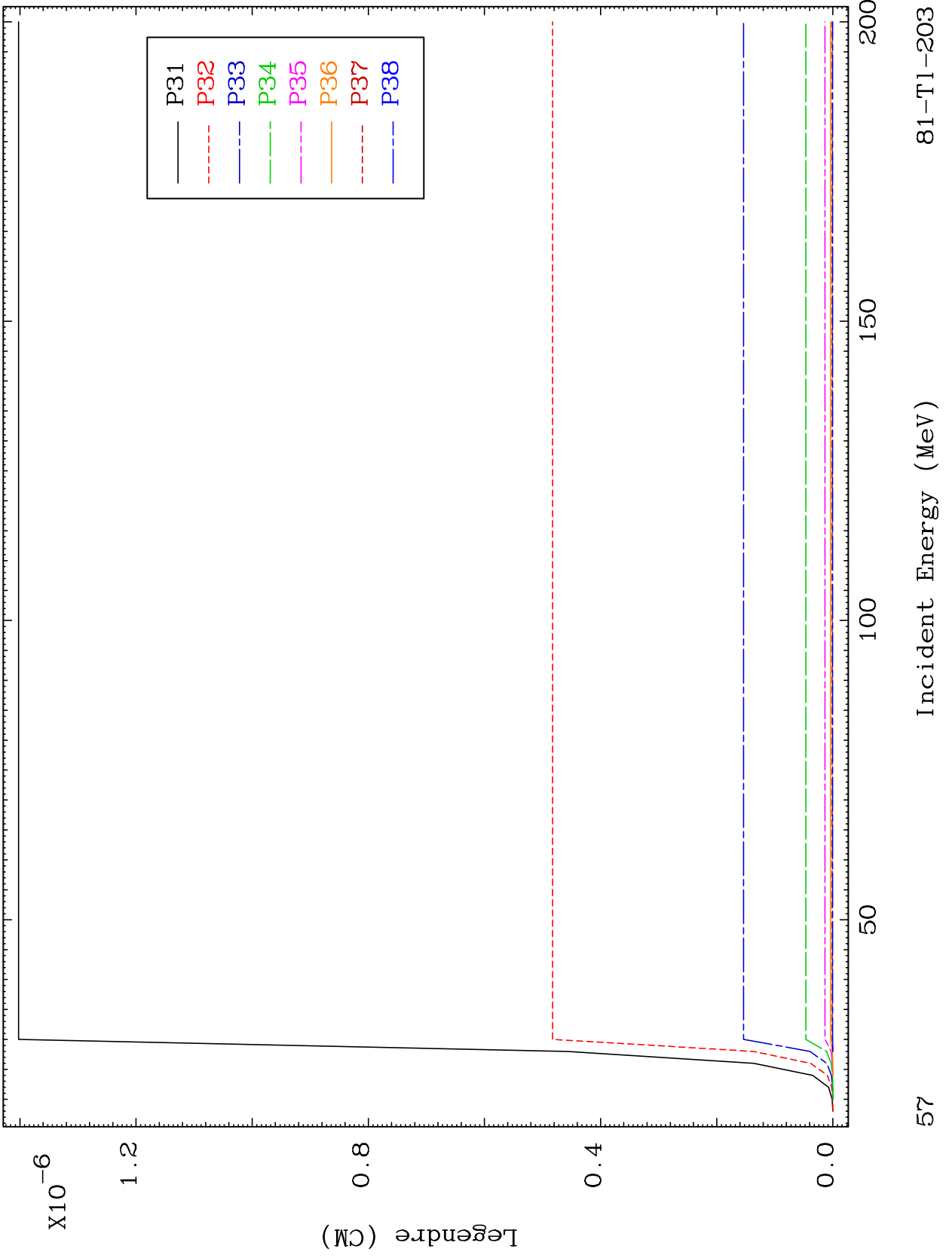
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Incident Energy (MeV)

81-T1-203



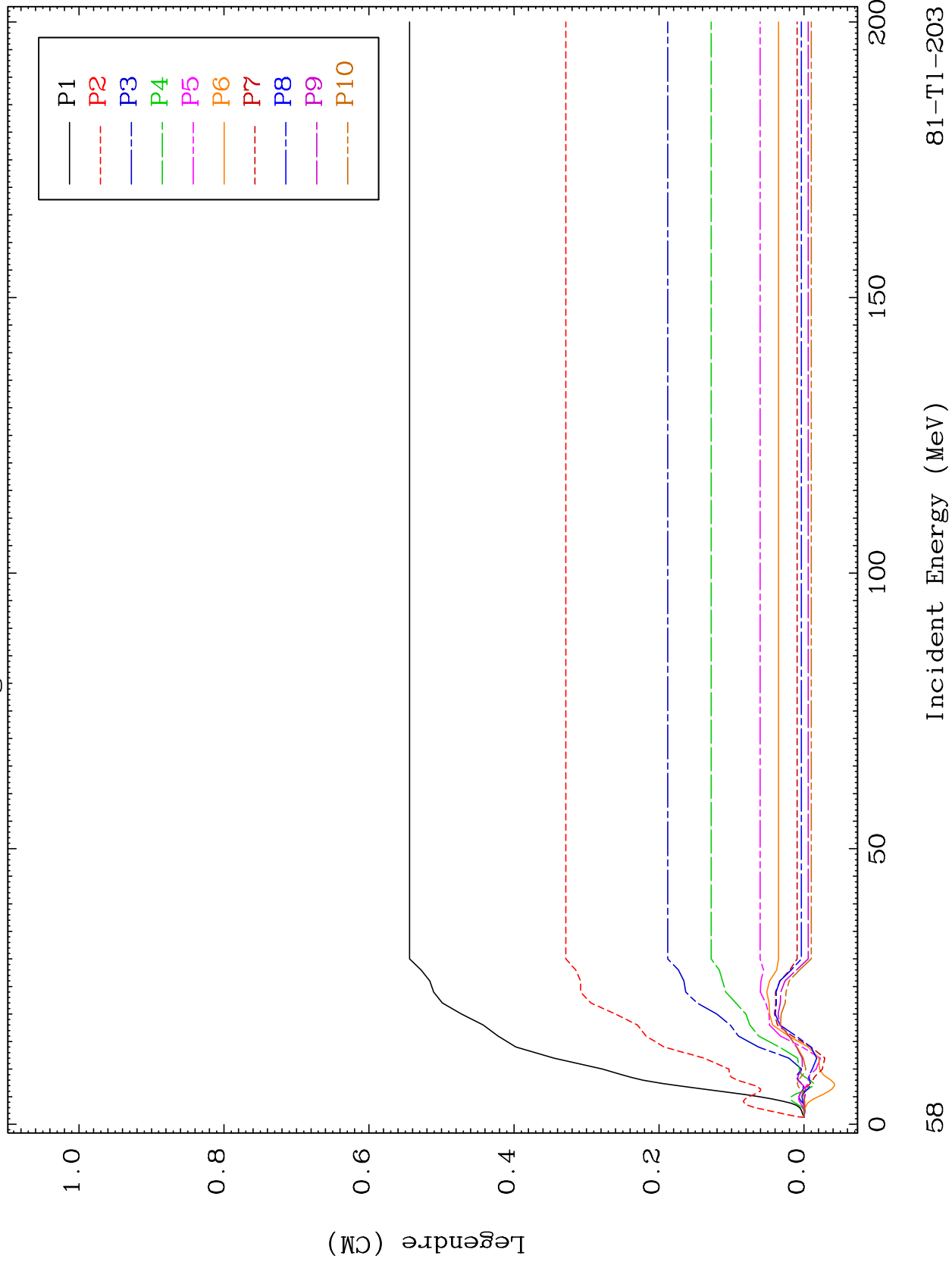




MAT 8125

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

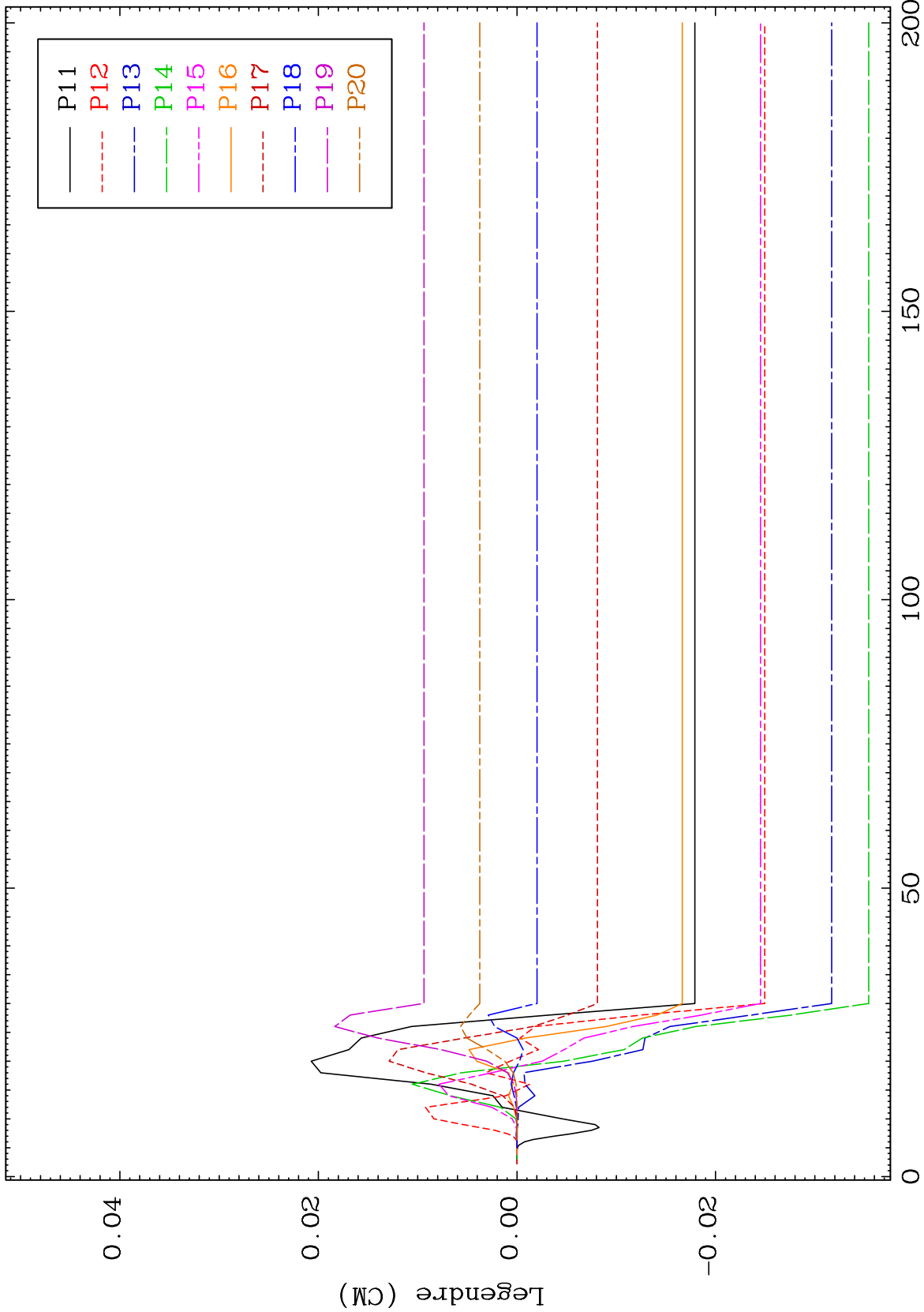
81-T1-203



MAT 8125

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

81-T1-203



59

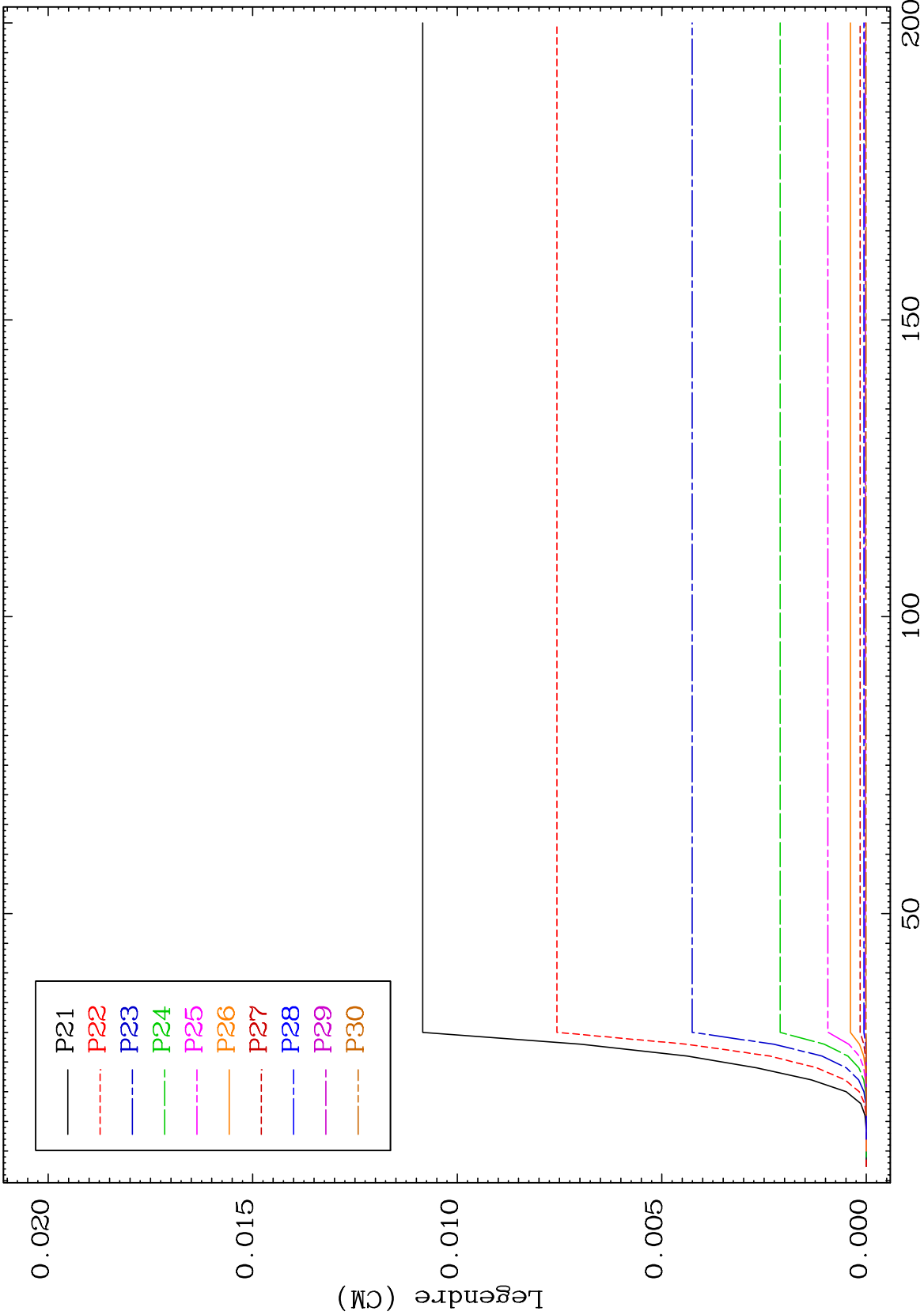
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



60

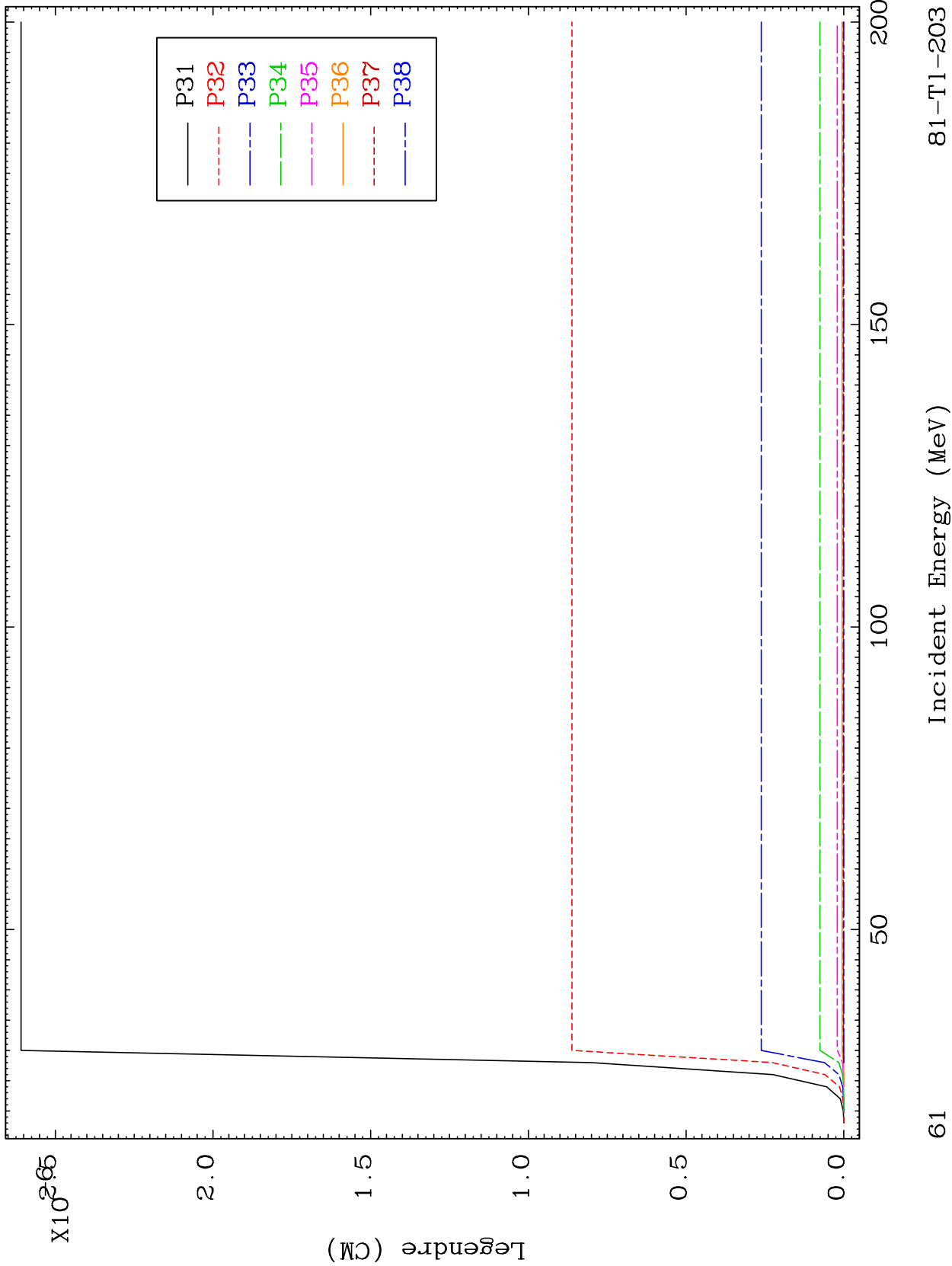
Incident Energy (MeV)

81-T1-203

MAT 8125

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

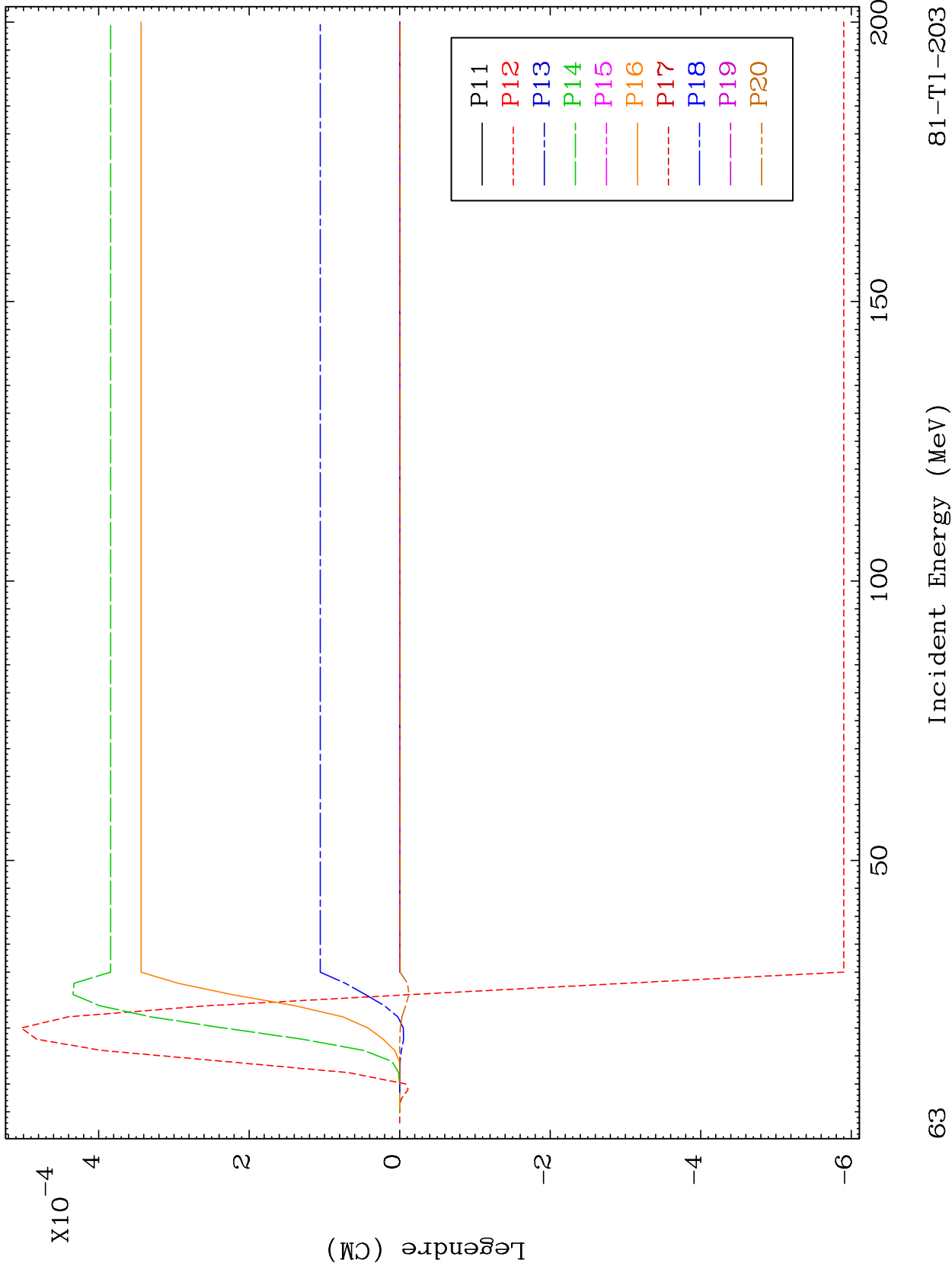
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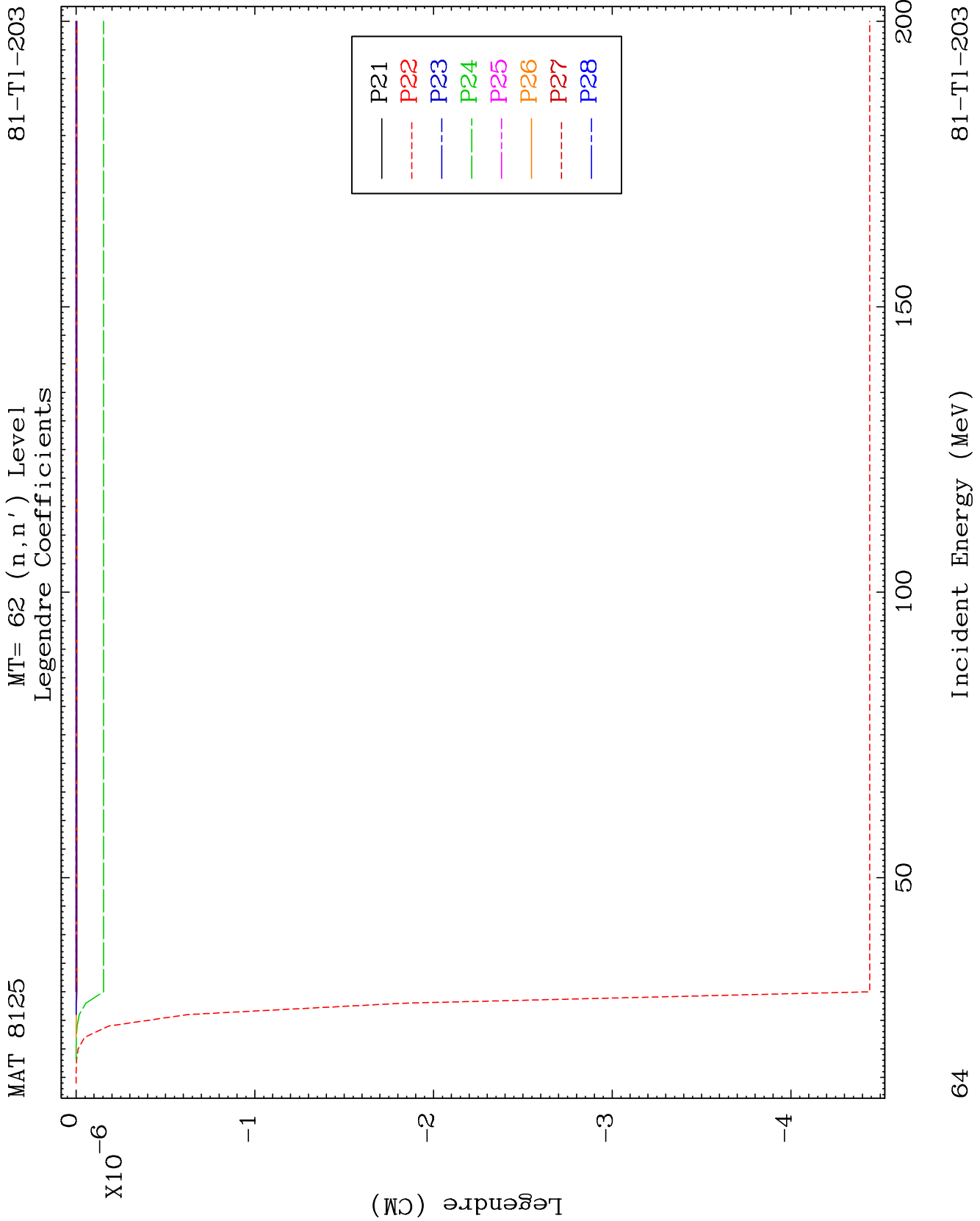
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81-T1-203





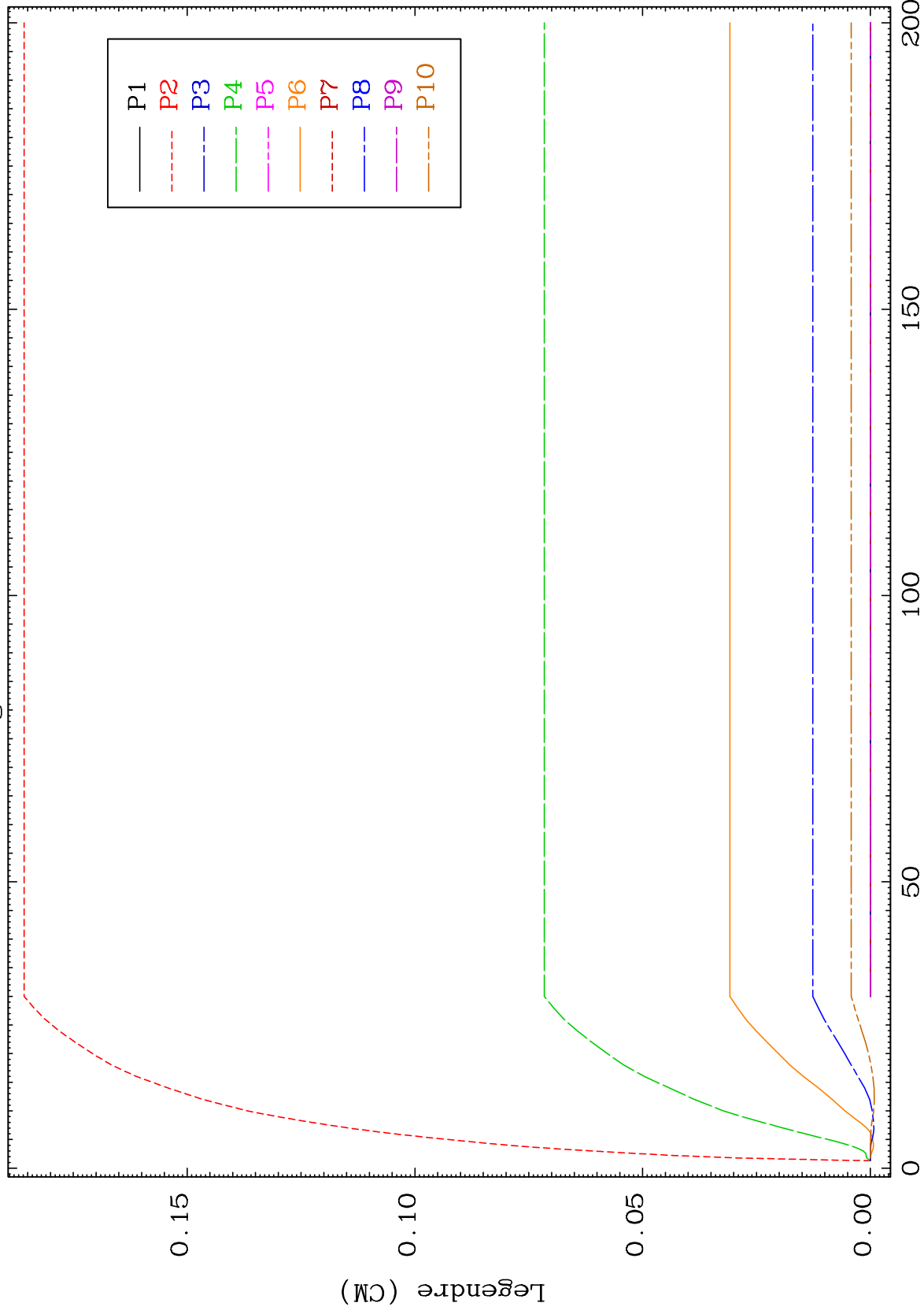




MAT 8125

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

81-T1-203



81-T1-203

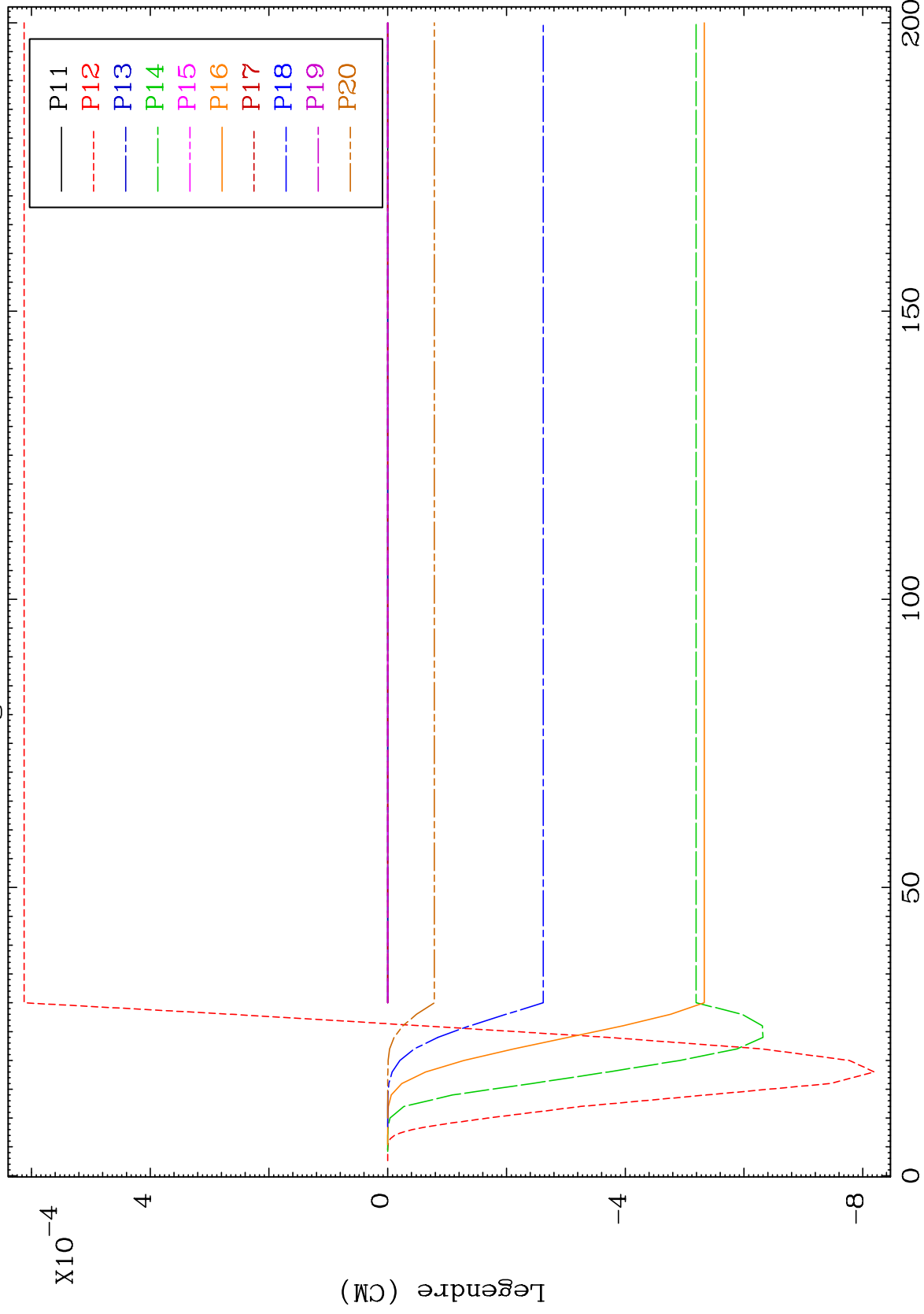
Incident Energy (MeV)

65

MAT 8125

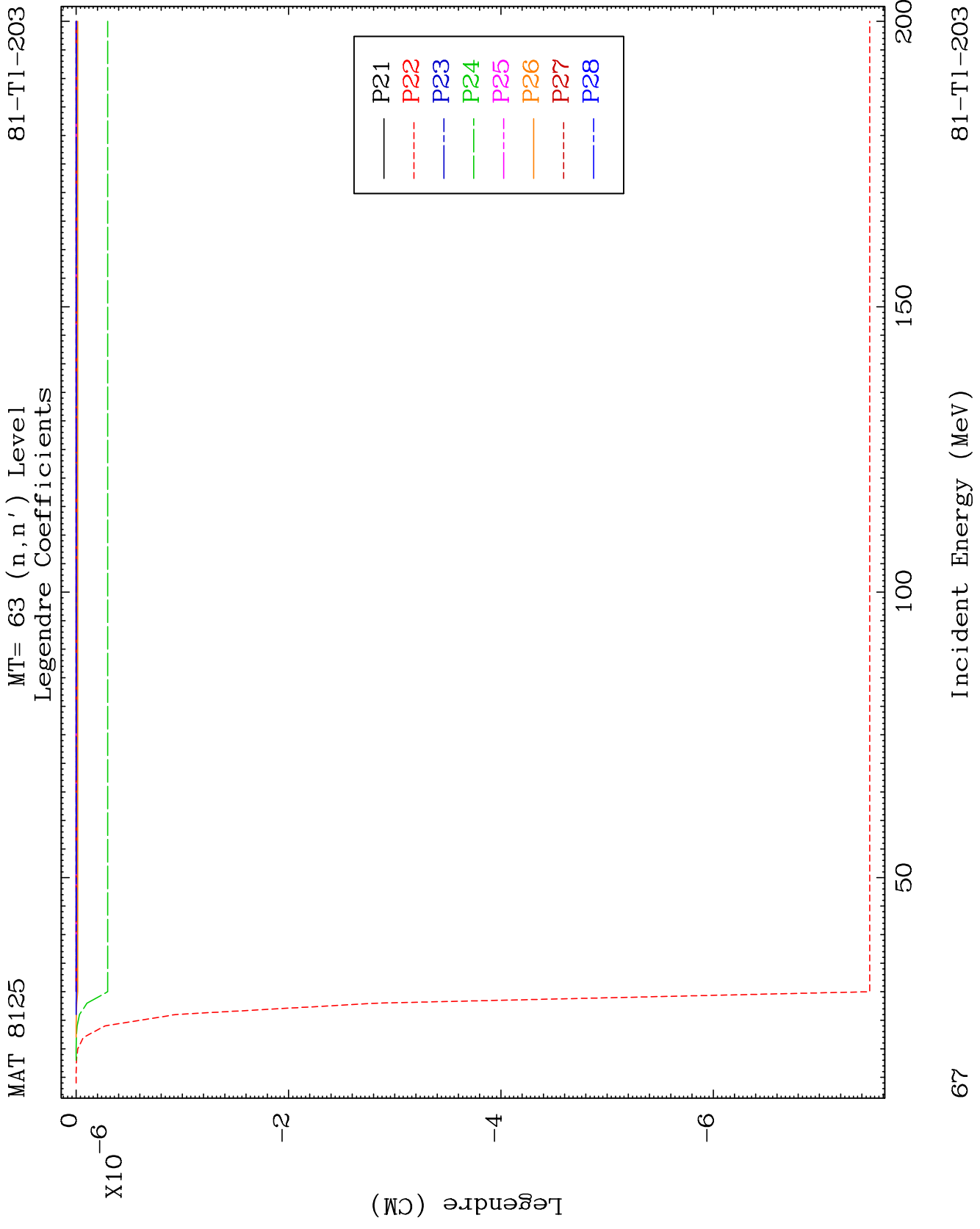
MT= 63 (n,n') Level  
Legendre Coefficients

81-T1-203



66

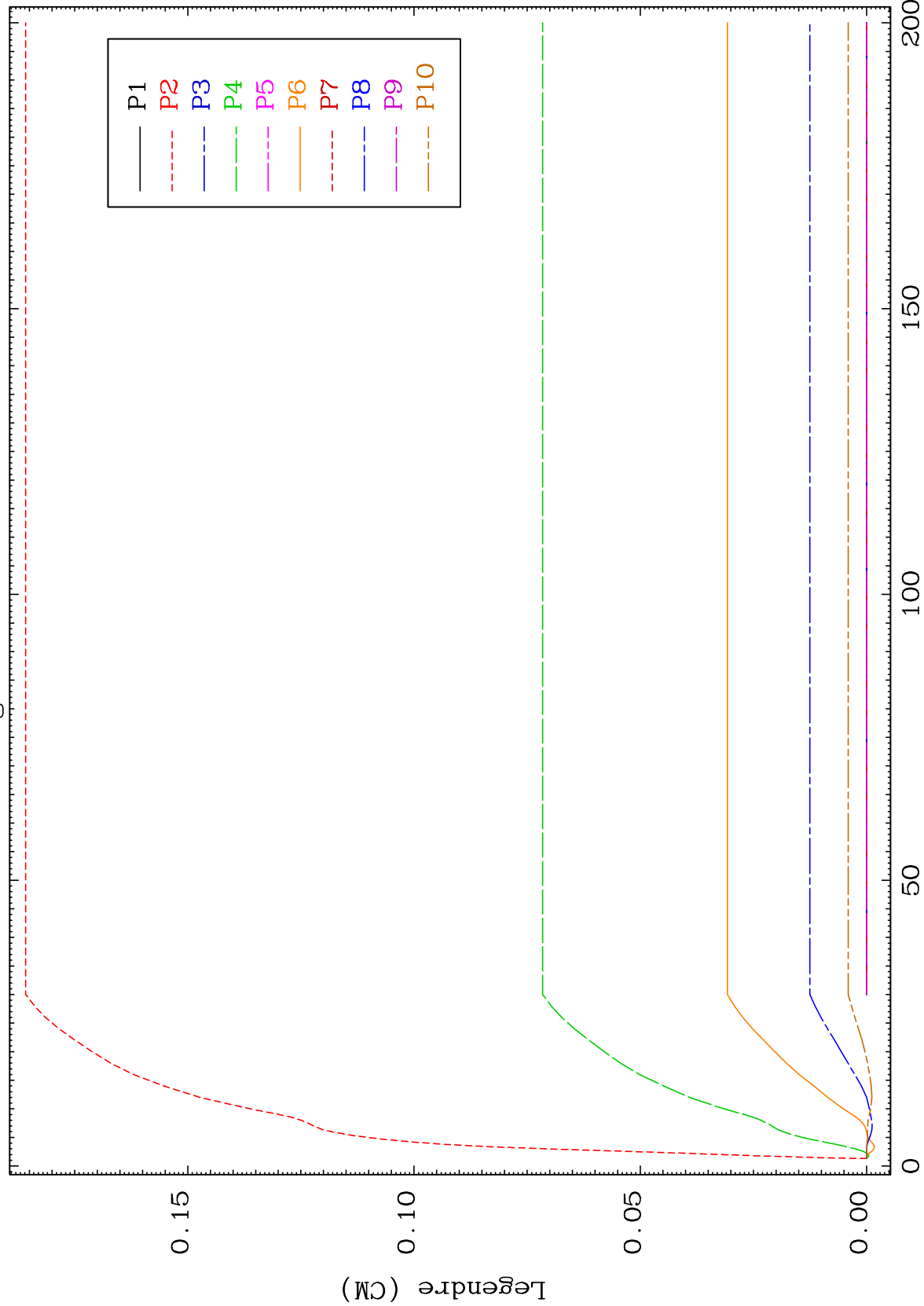
81-T1-203



MAT 8125

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

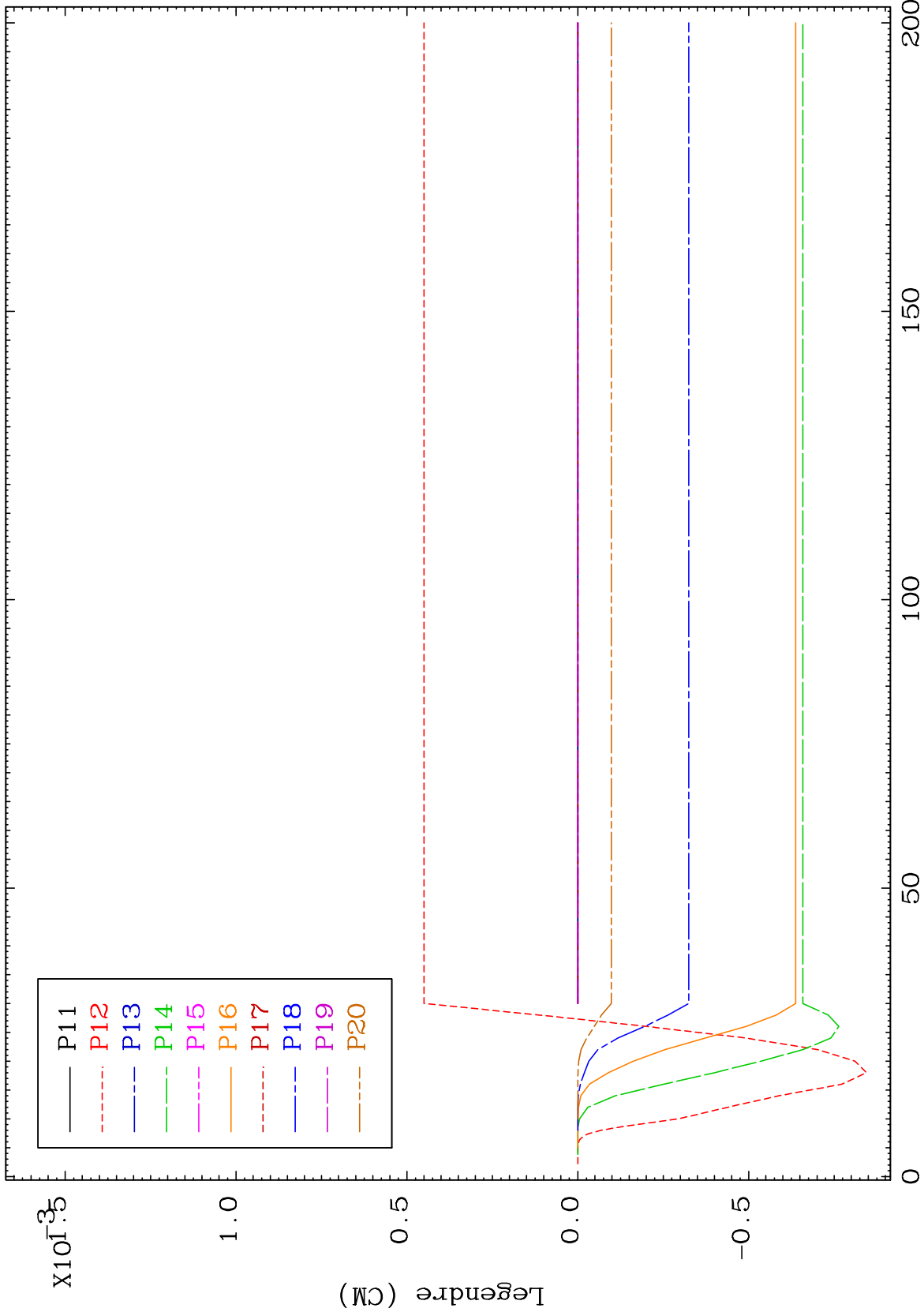
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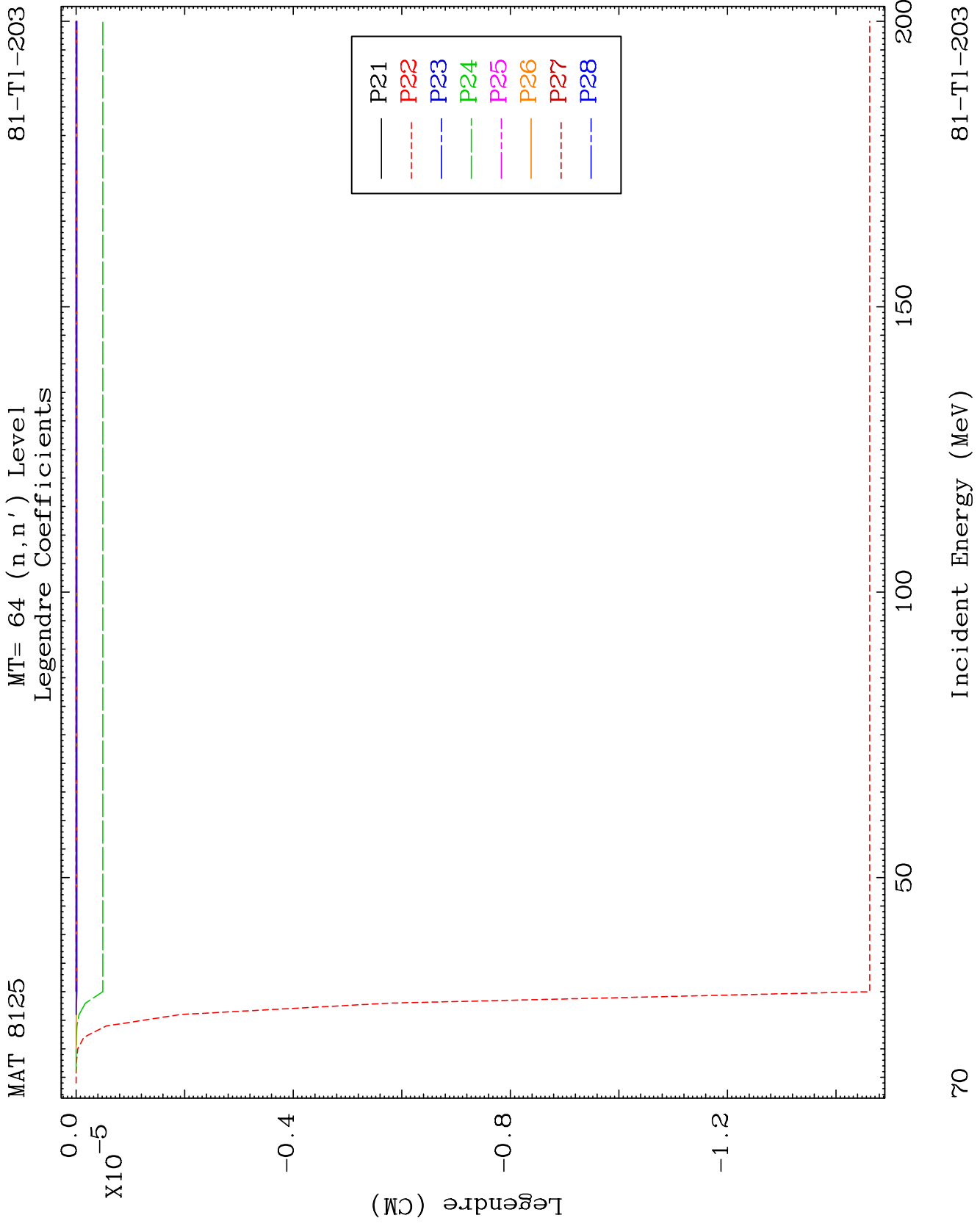


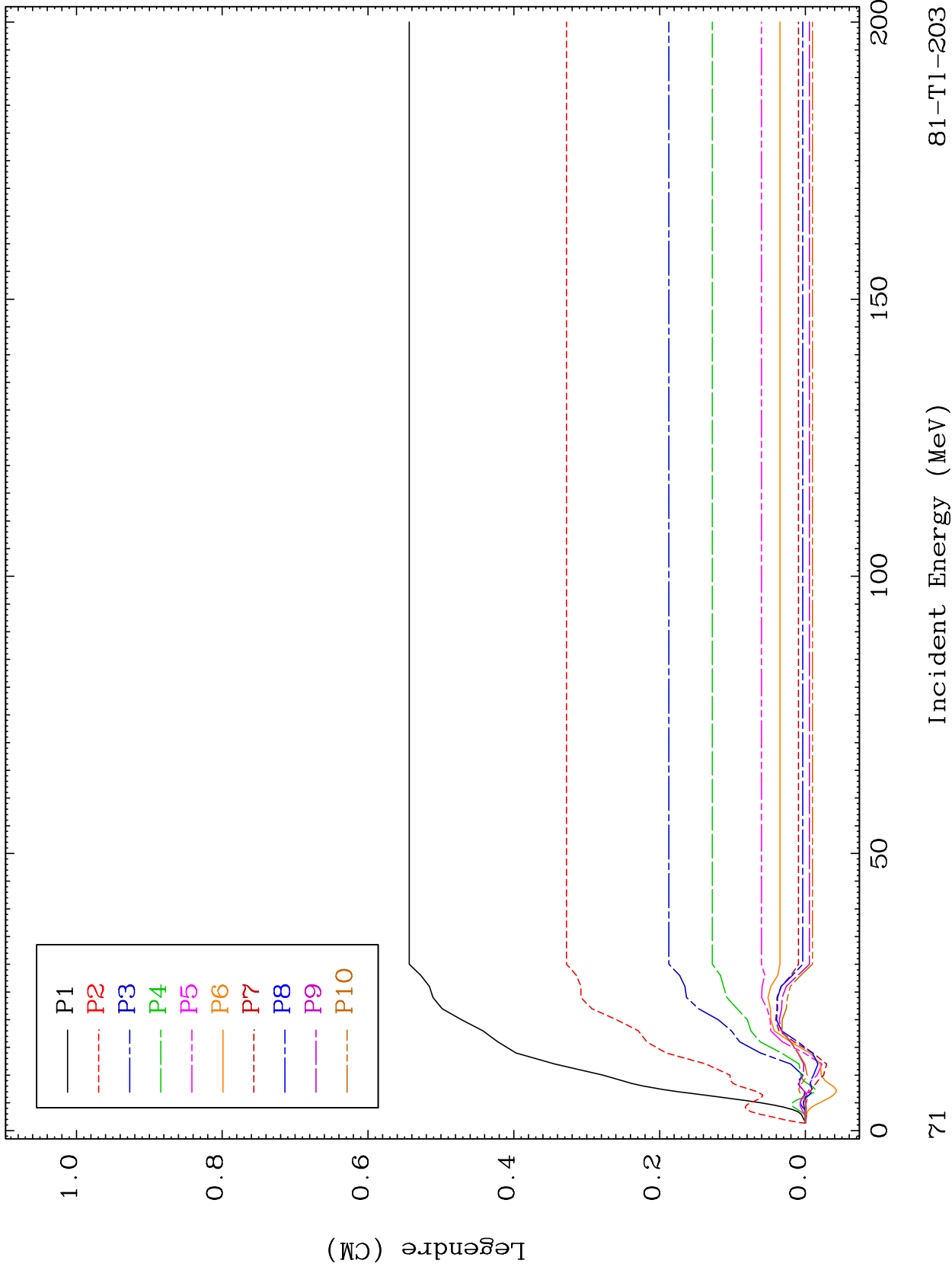
81-T1-203

Incident Energy (MeV)

68





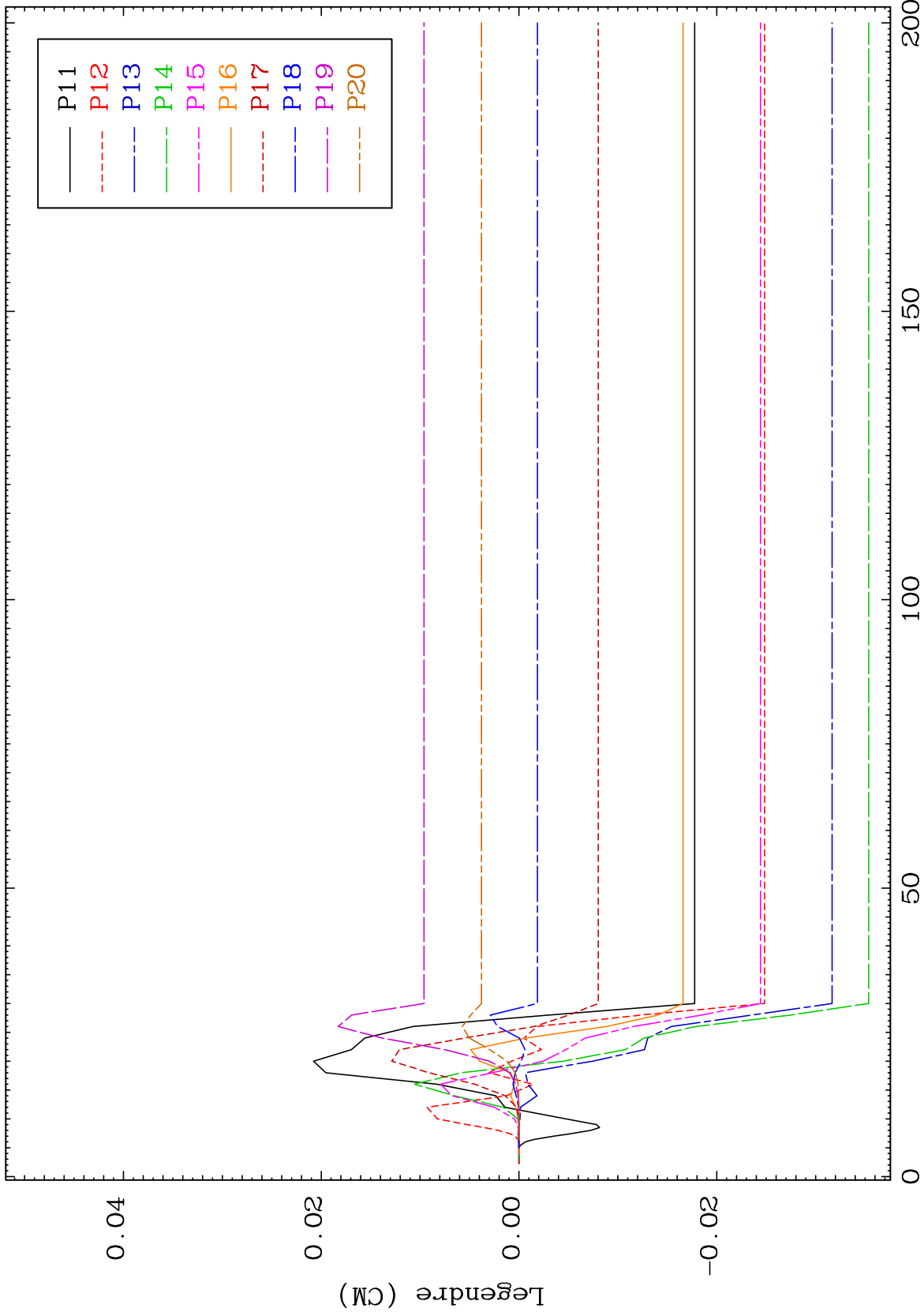




MAT 8125

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

81-T1-203



72

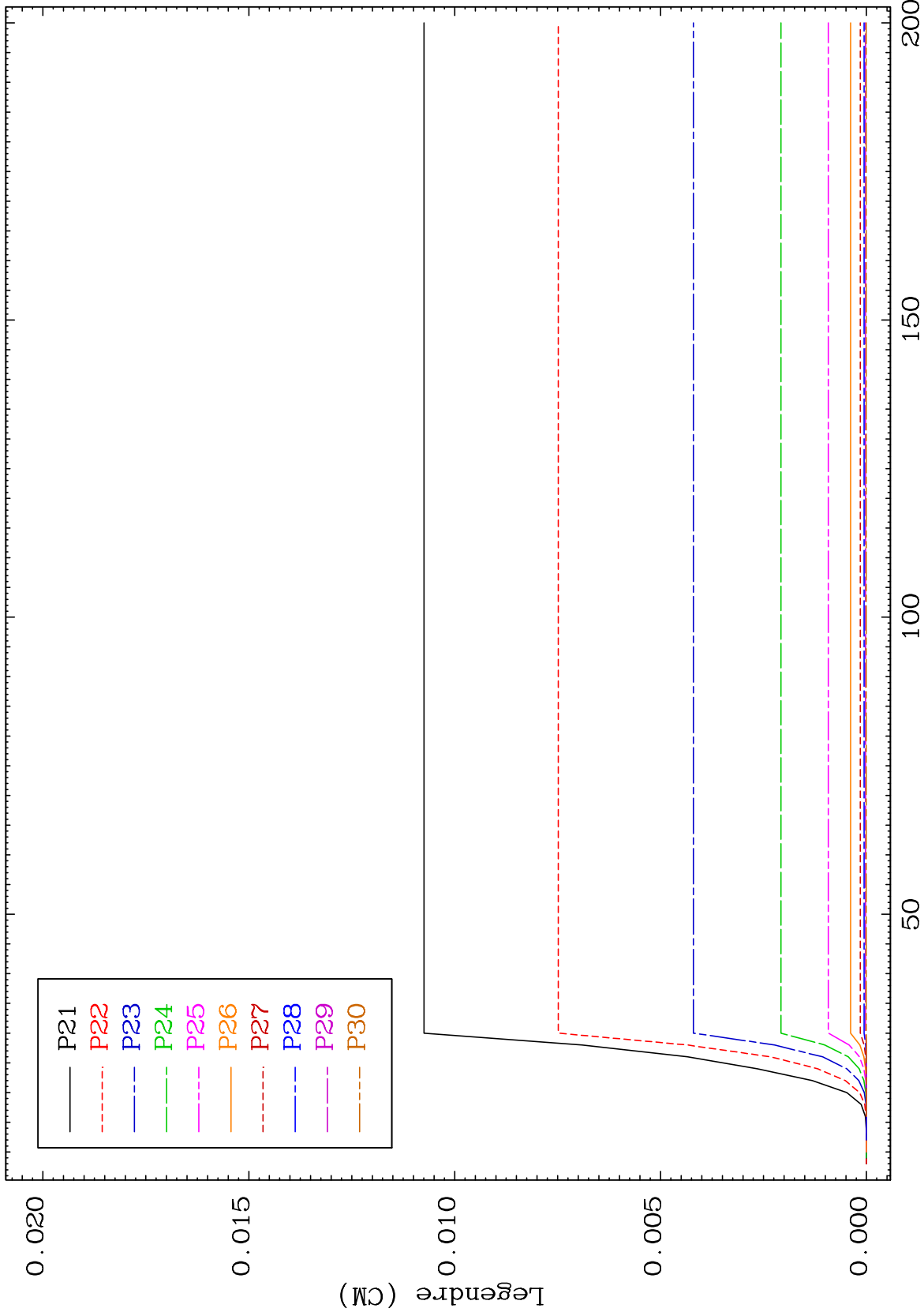
Incident Energy (MeV)

81-T1-203

MAT 8125

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

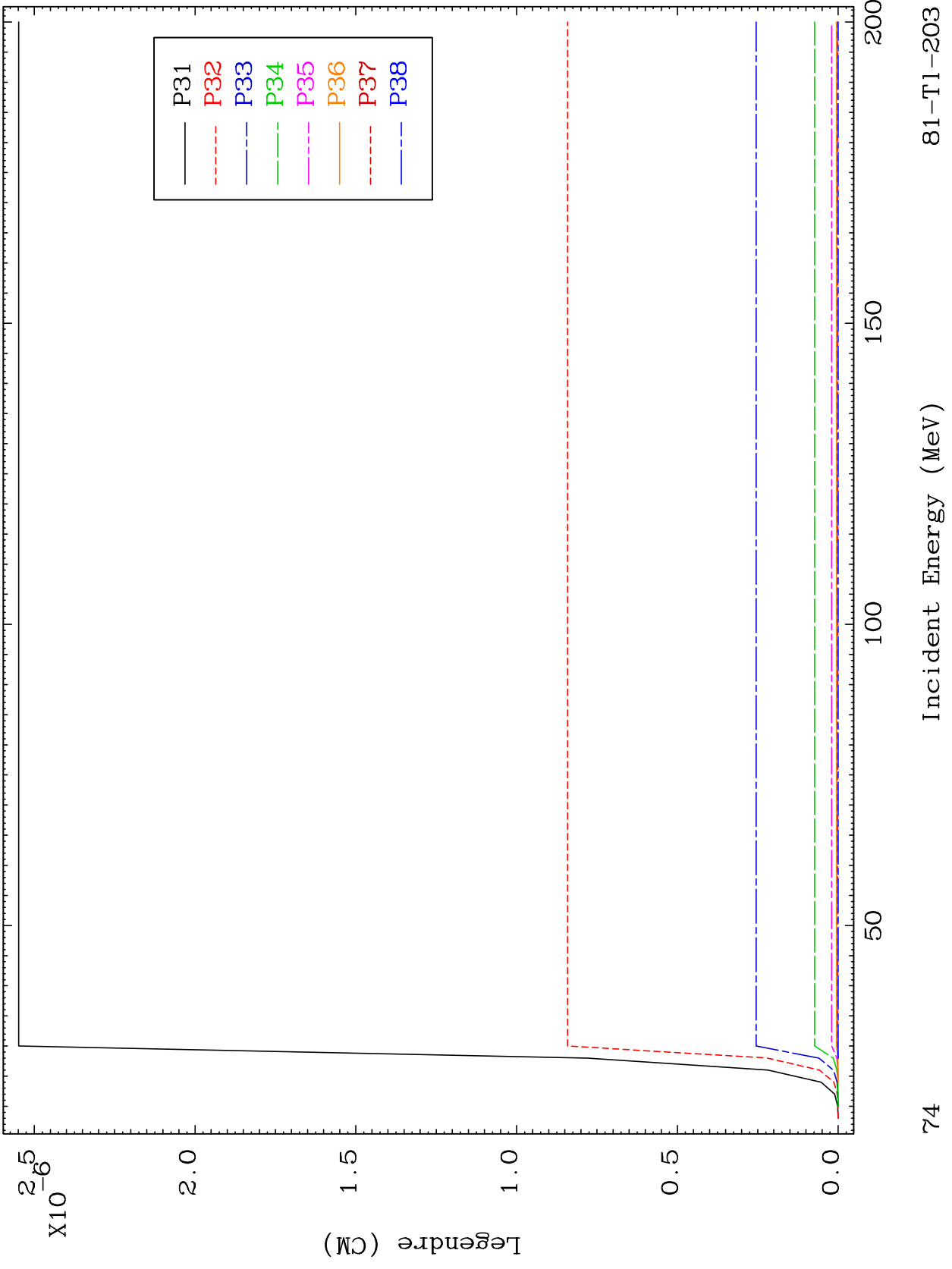
81-T1-203



73

Incident Energy (MeV)

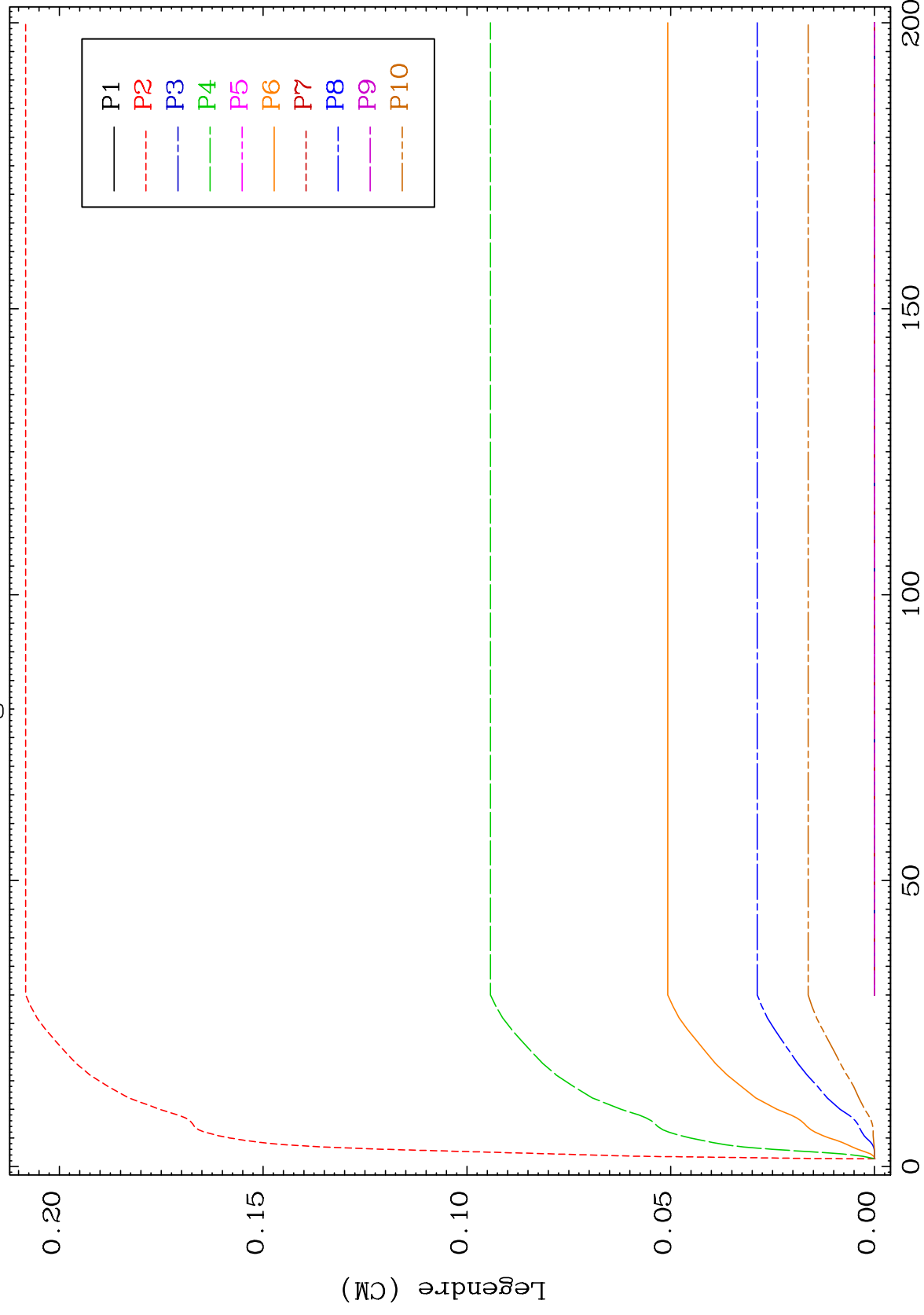
81-T1-203



MAT 8125

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

81-T1-203



81-T1-203

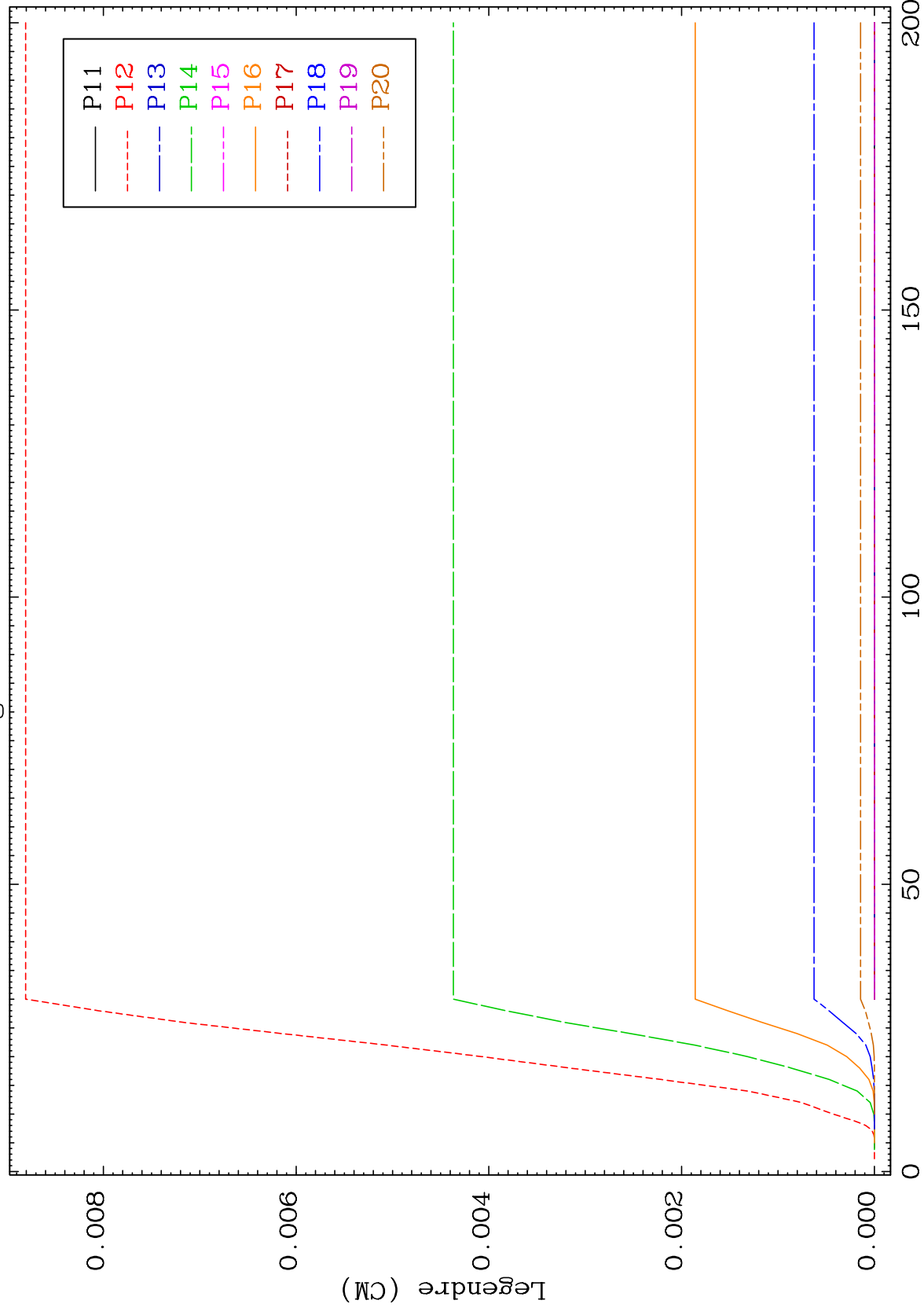
Incident Energy (MeV)

75

MAT 8125

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

81-T1-203



76

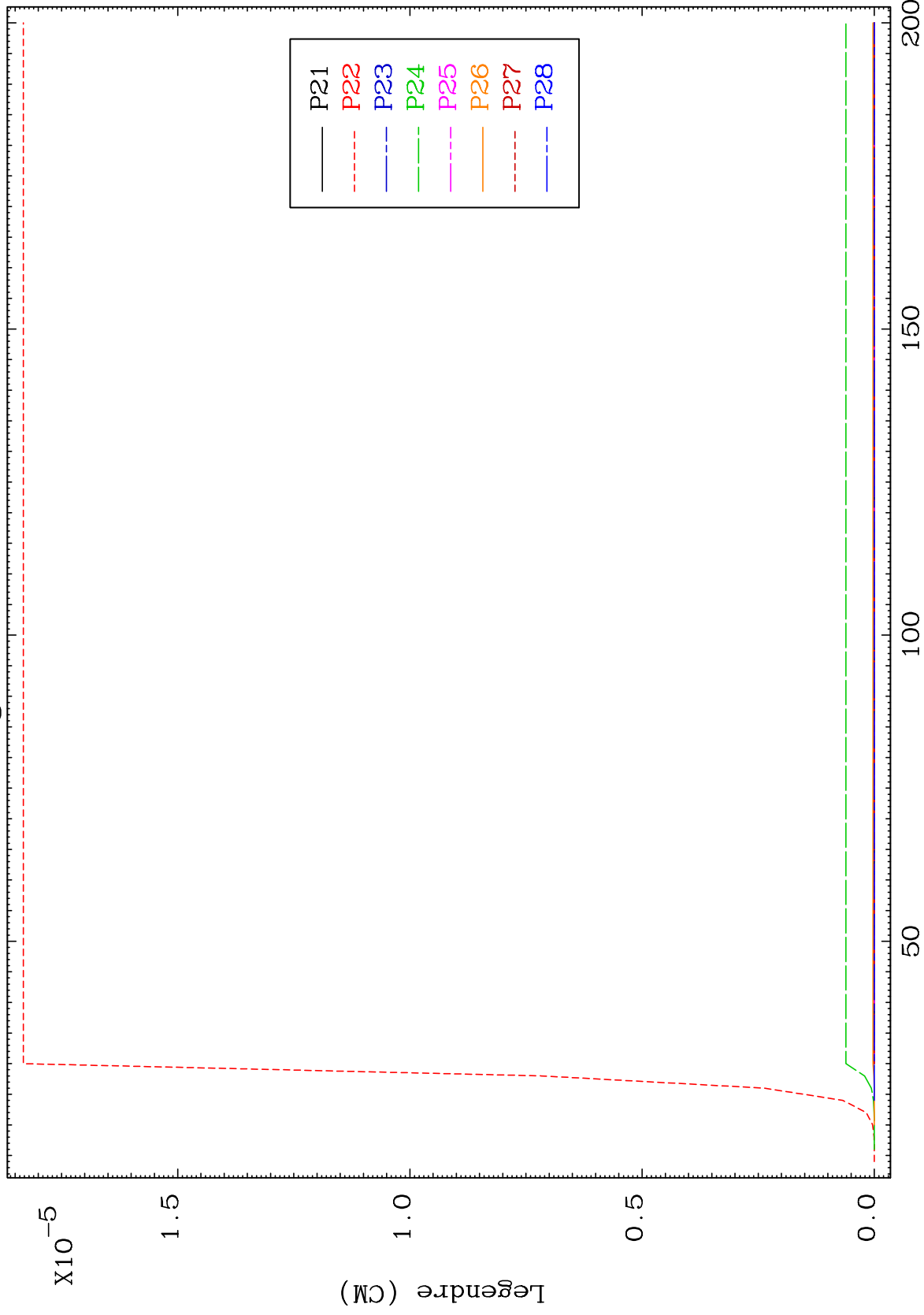
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



77

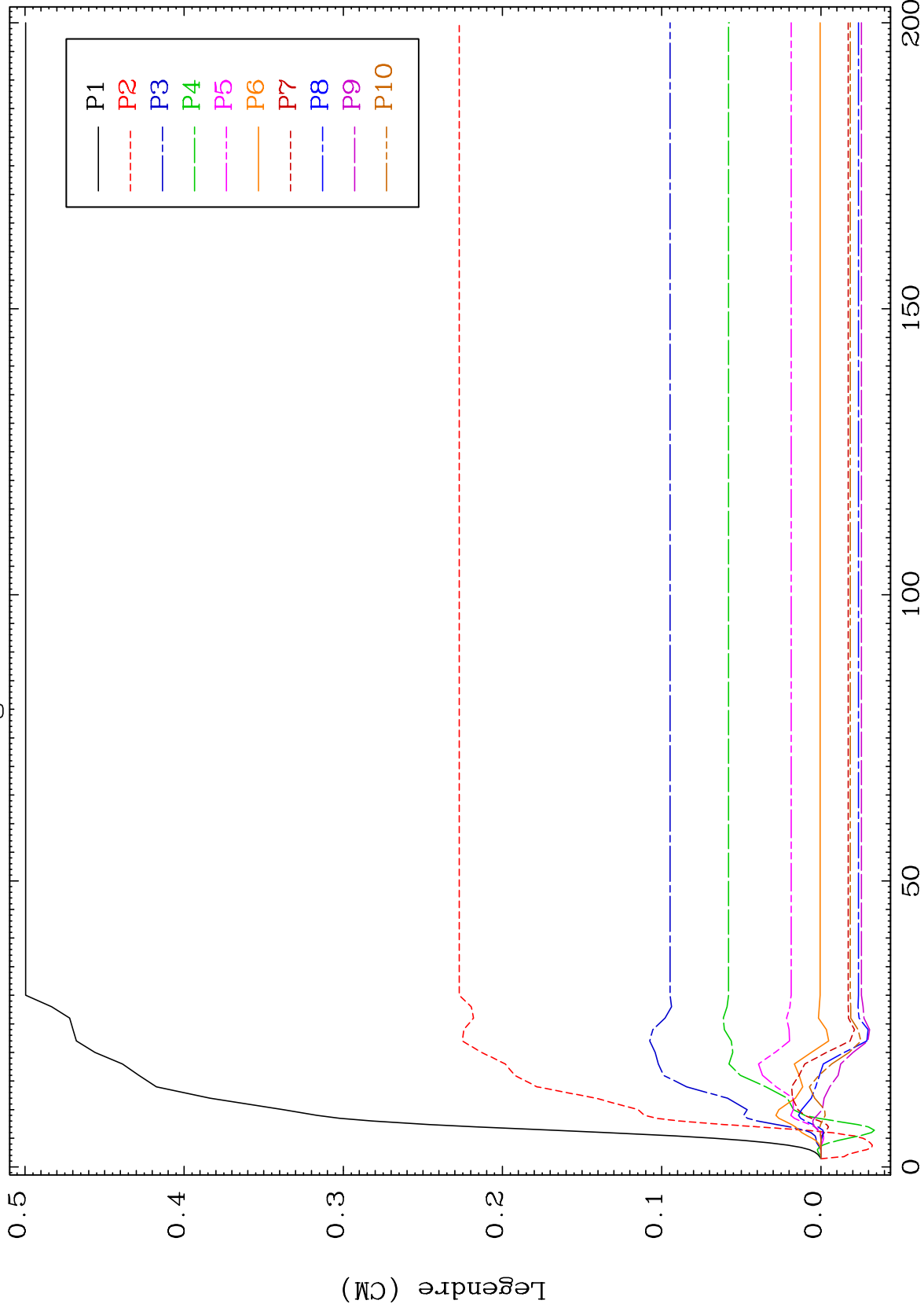
Incident Energy (MeV)

81-T1-203

MAT 8125

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

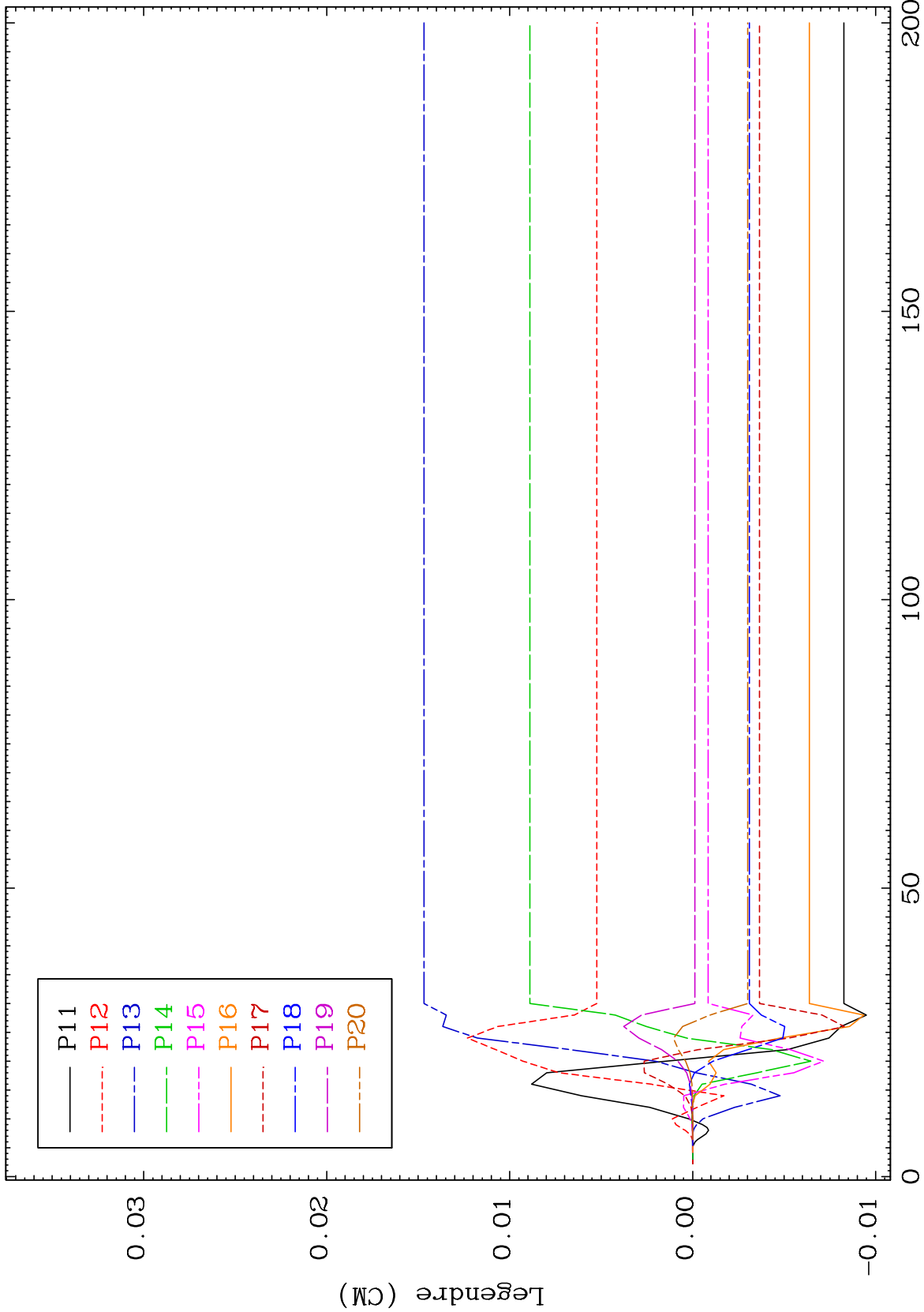
81-T1-203



78

Incident Energy (MeV)

81-T1-203

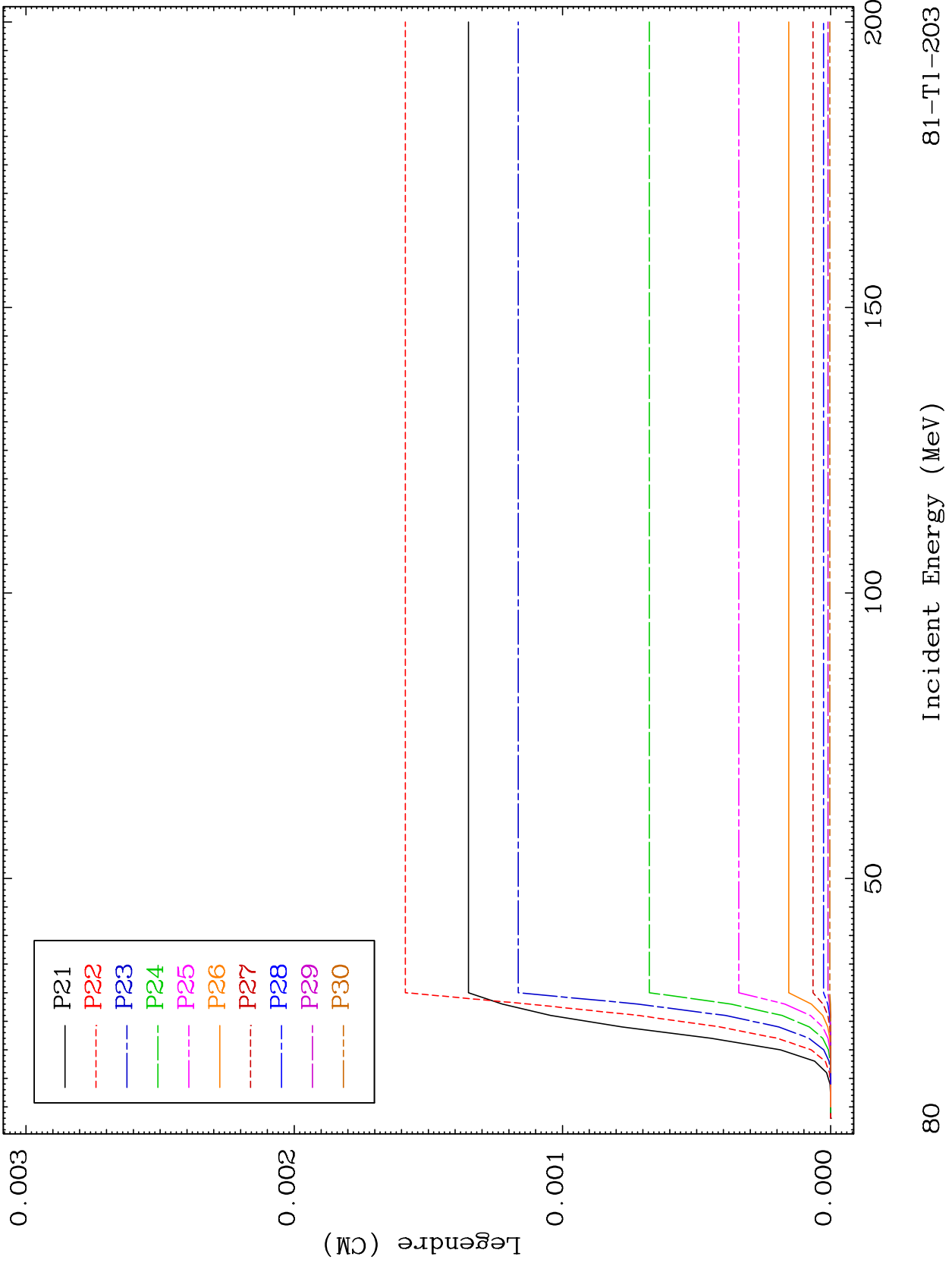




MAT 8125

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

81-T1-203



81-T1-203

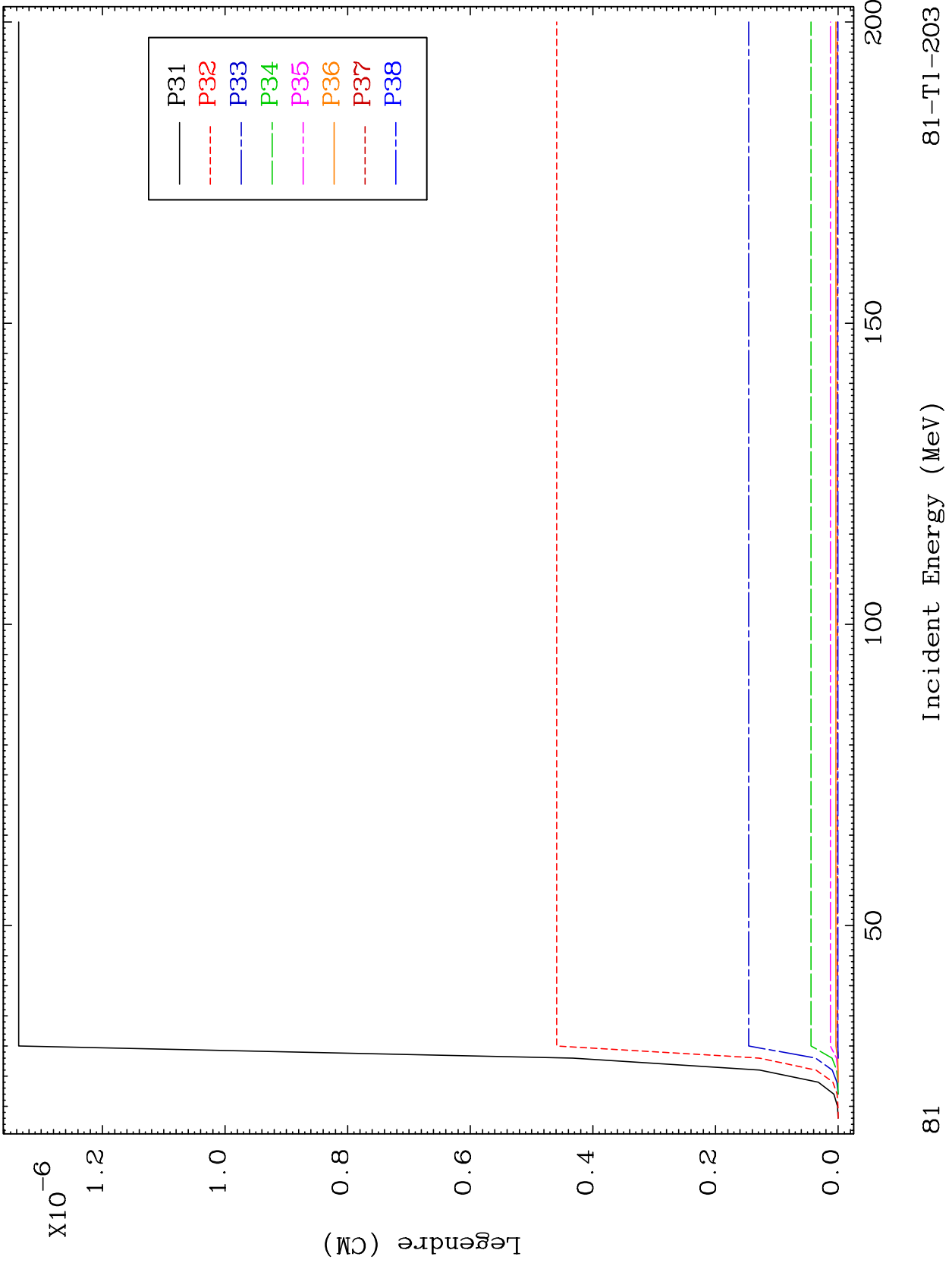
Incident Energy (MeV)

80

MAT 8125

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

81-T1-203



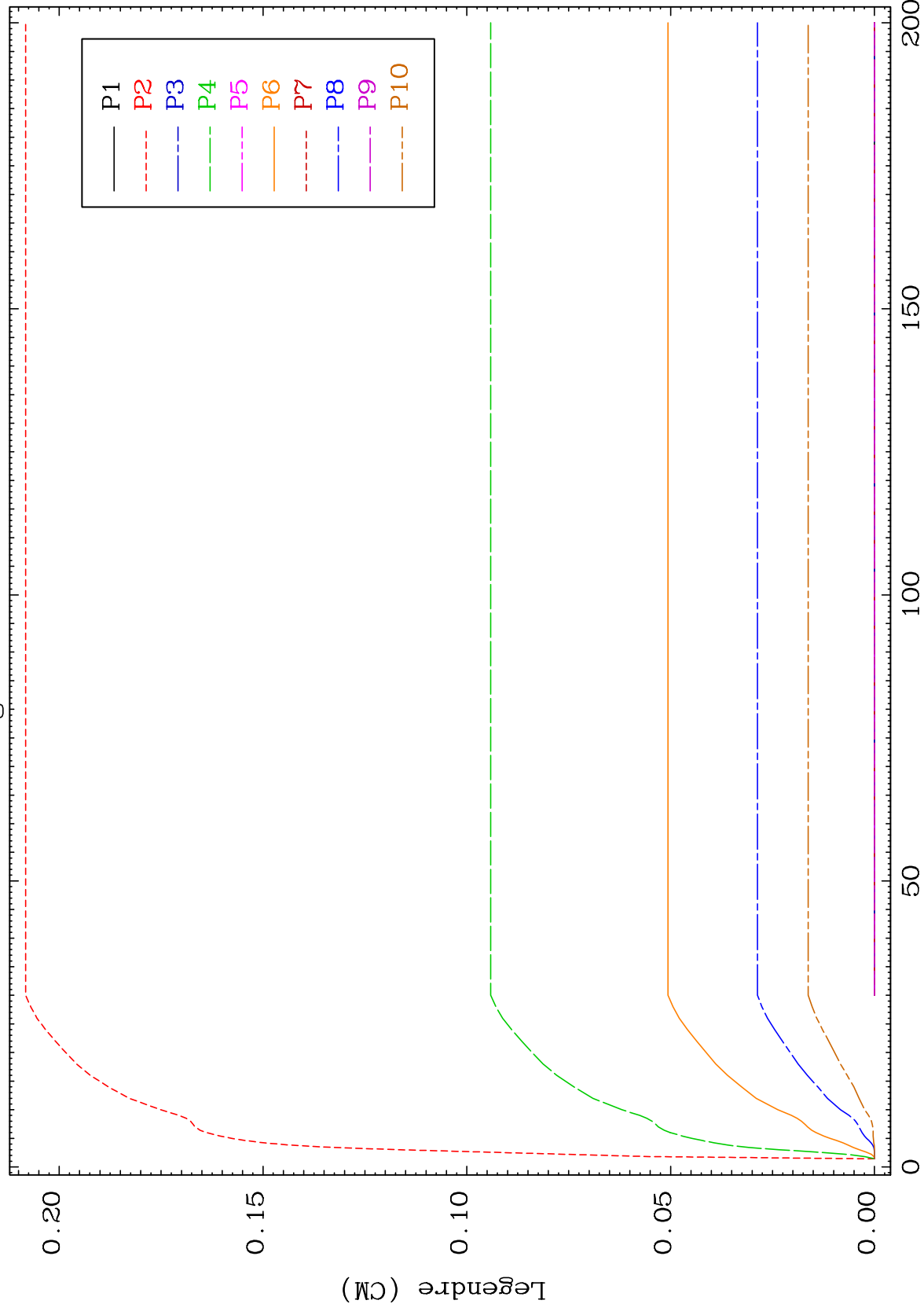
81

81-T1-203

MAT 8125

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

81-T1-203



82

Incident Energy (MeV)

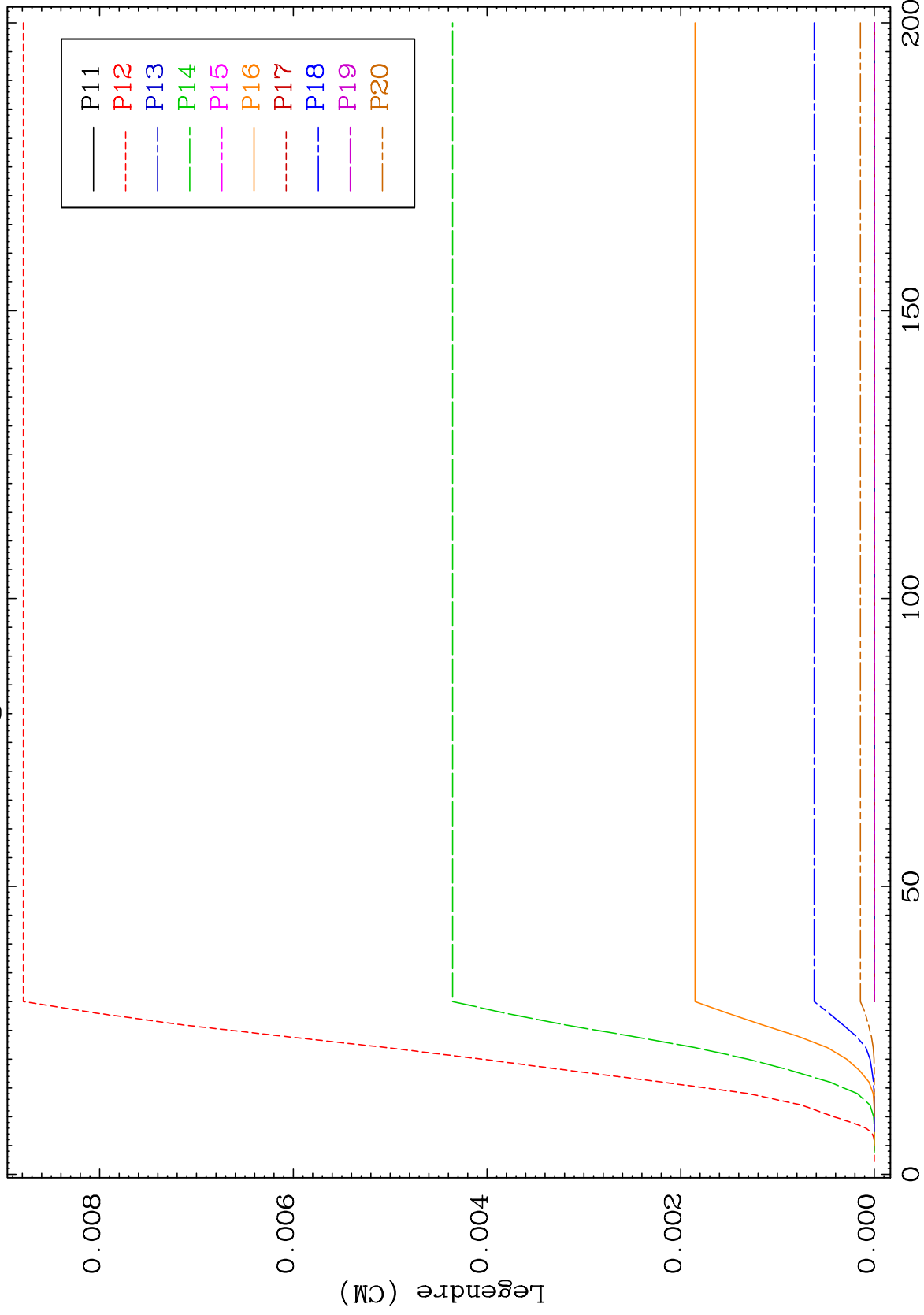
81-T1-203

MAT 8125

MT= 68 (n,n') Level

81-T1-203

Legendre Coefficients



83

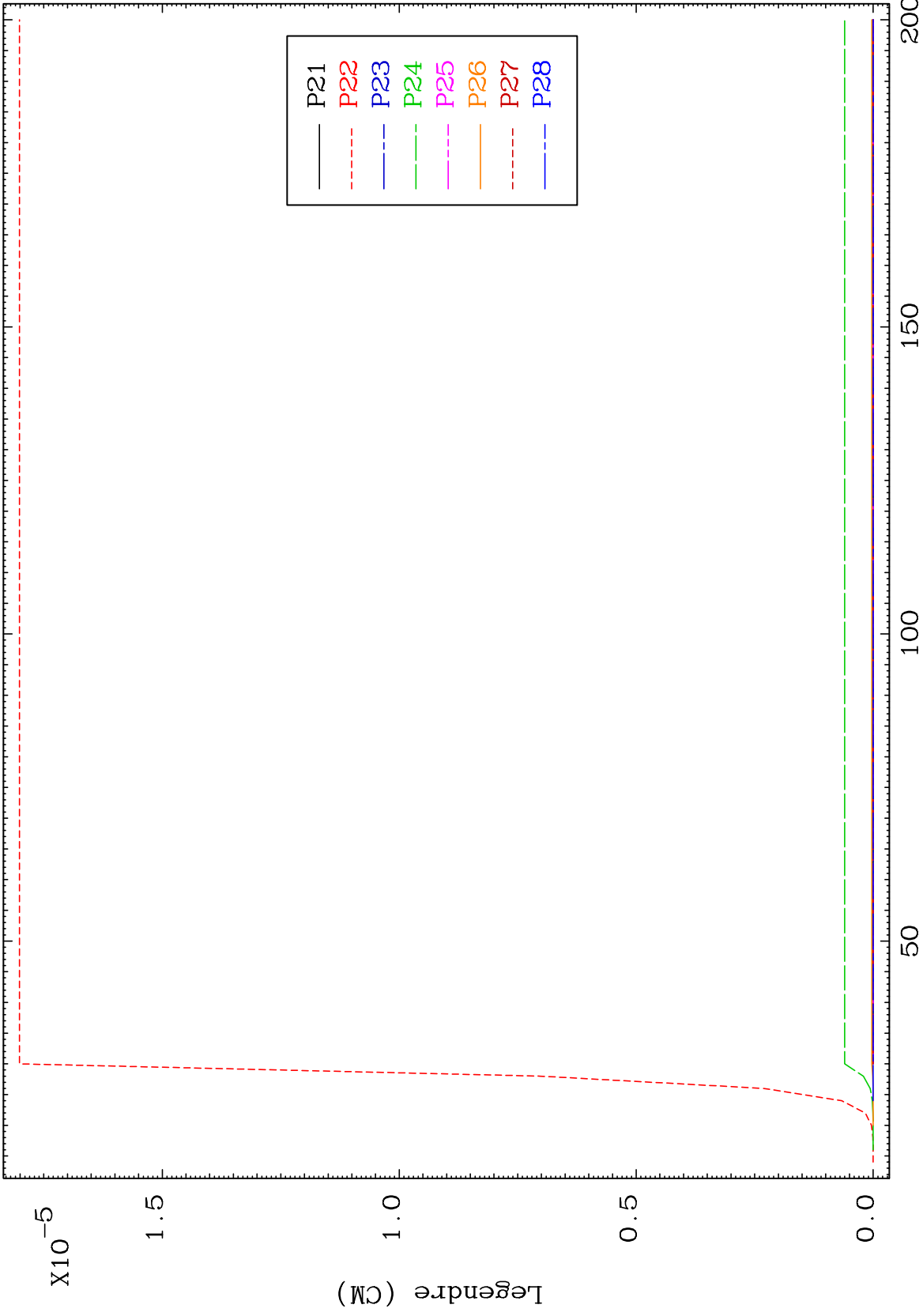
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



84

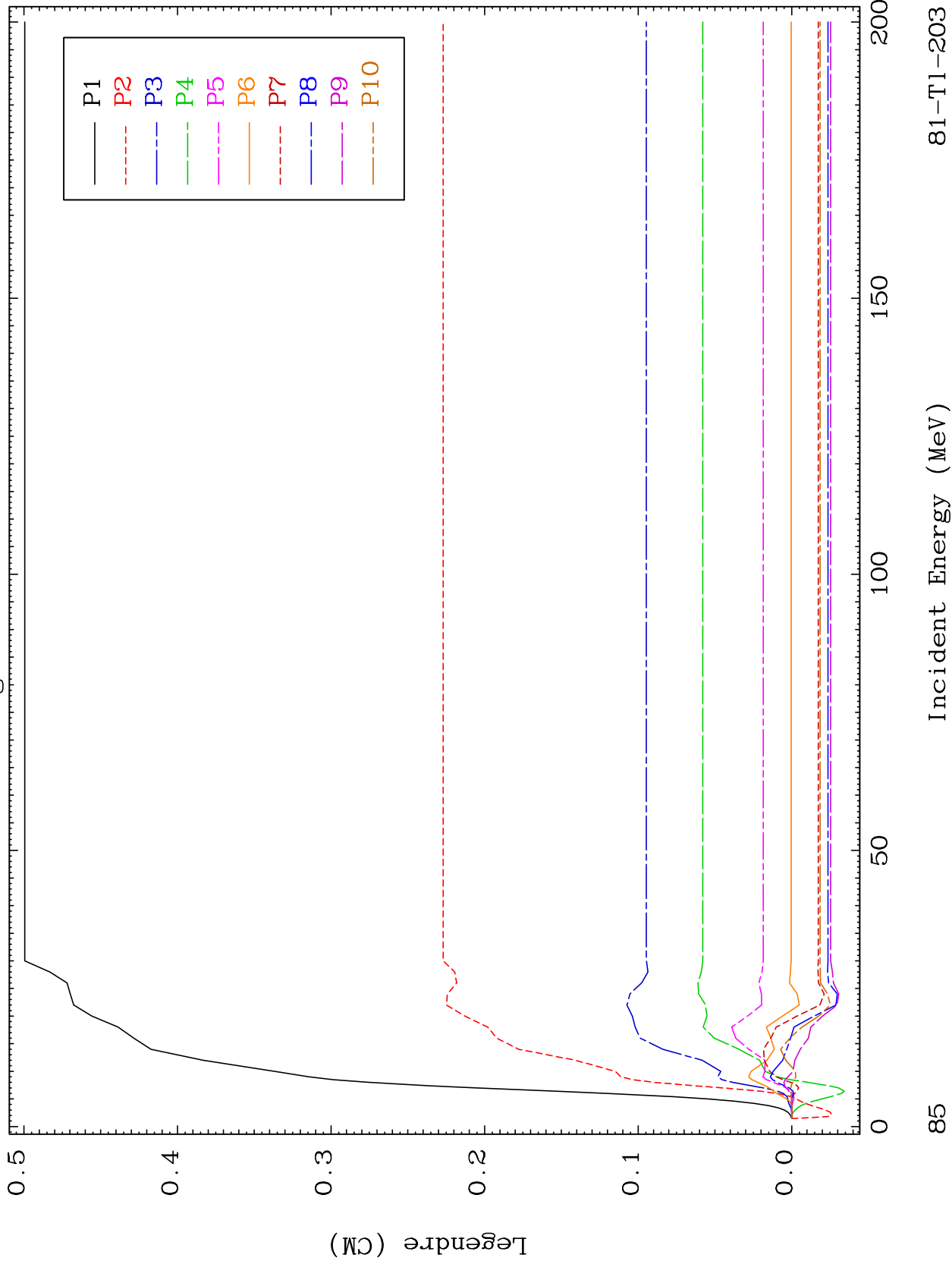
Incident Energy (MeV)

81-T1-203

MAT 8125

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

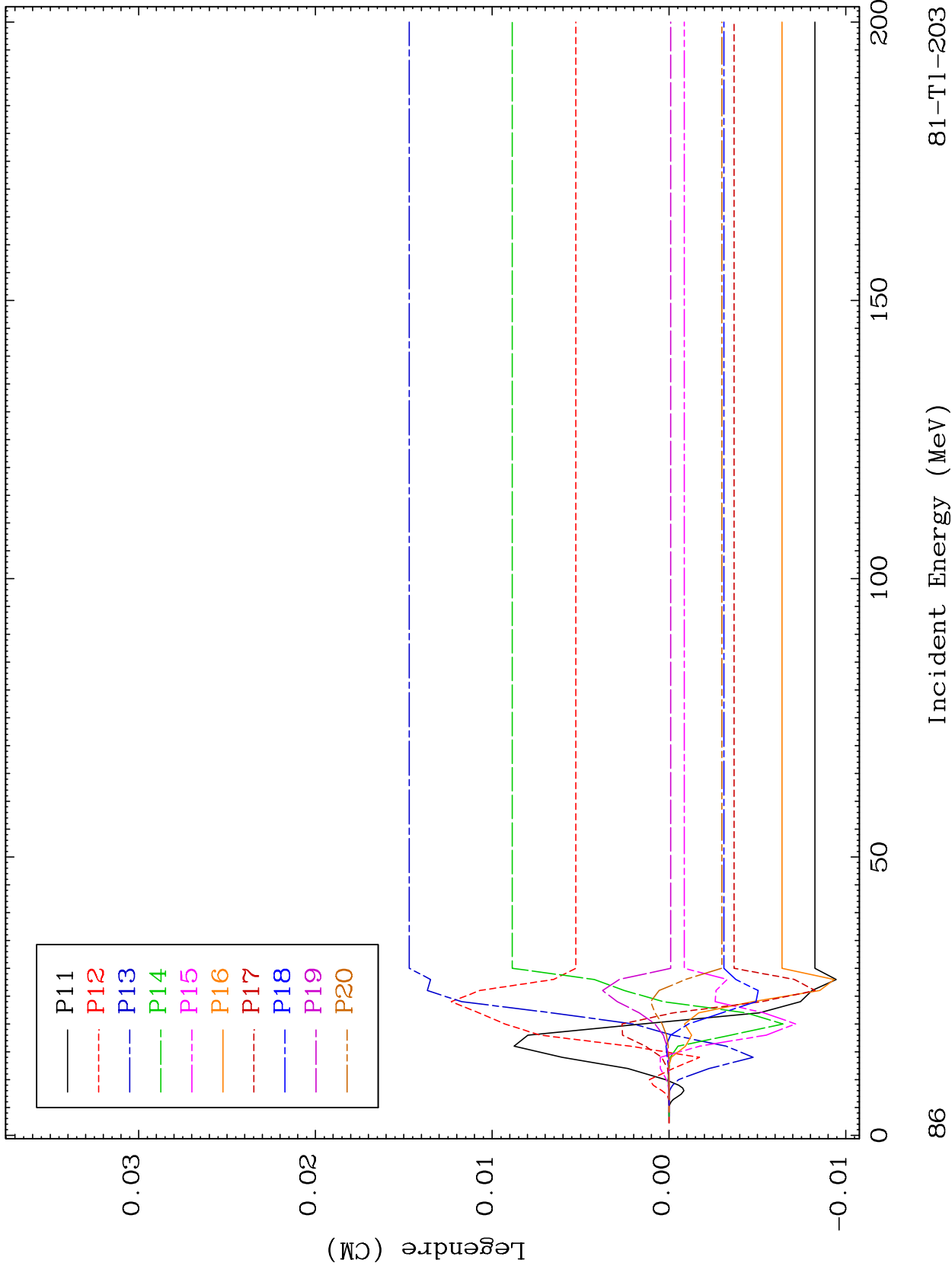
81-T1-203



81-T1-203

Incident Energy (MeV)

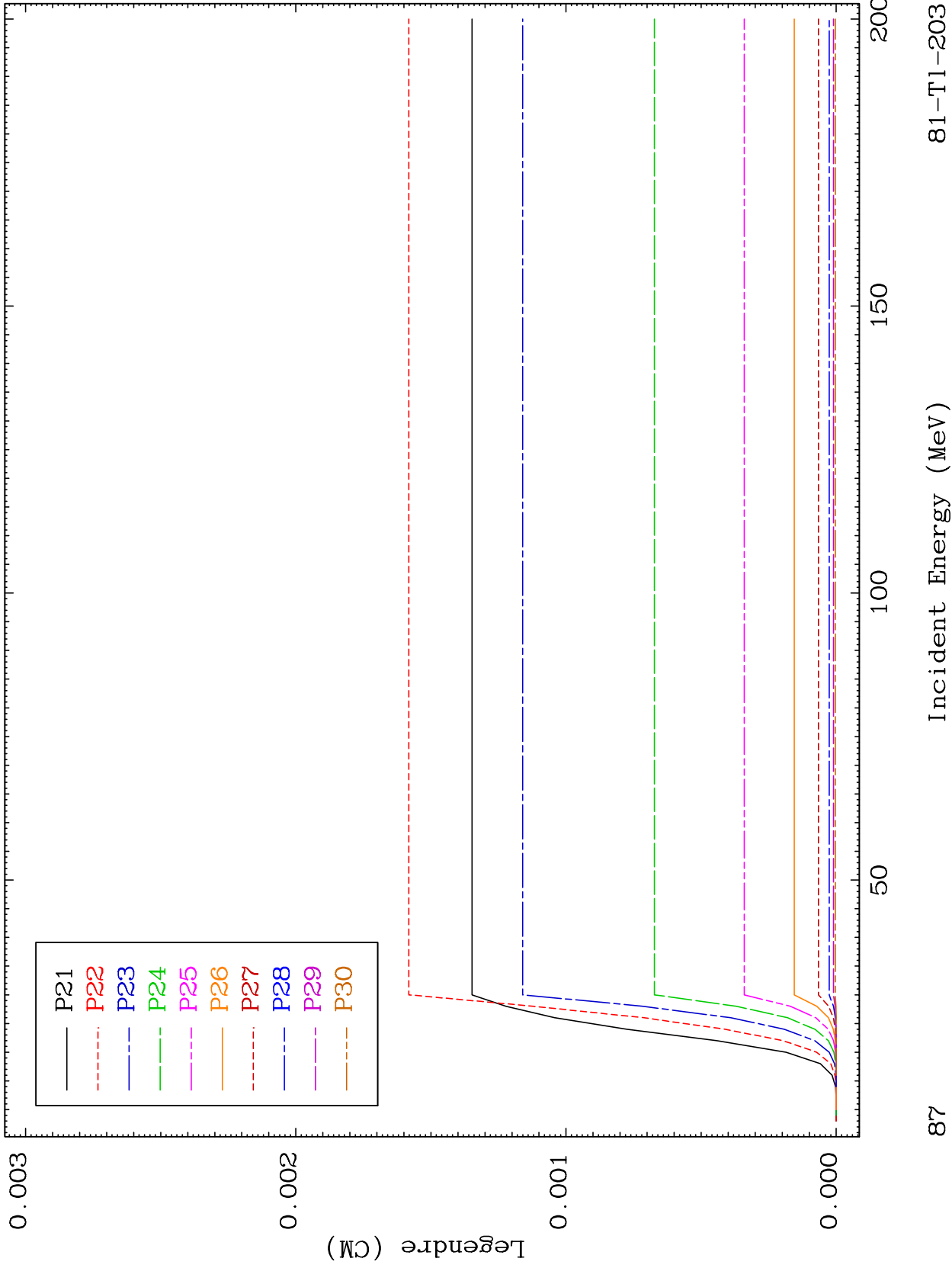
85



MAT 8125

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

81-T1-203

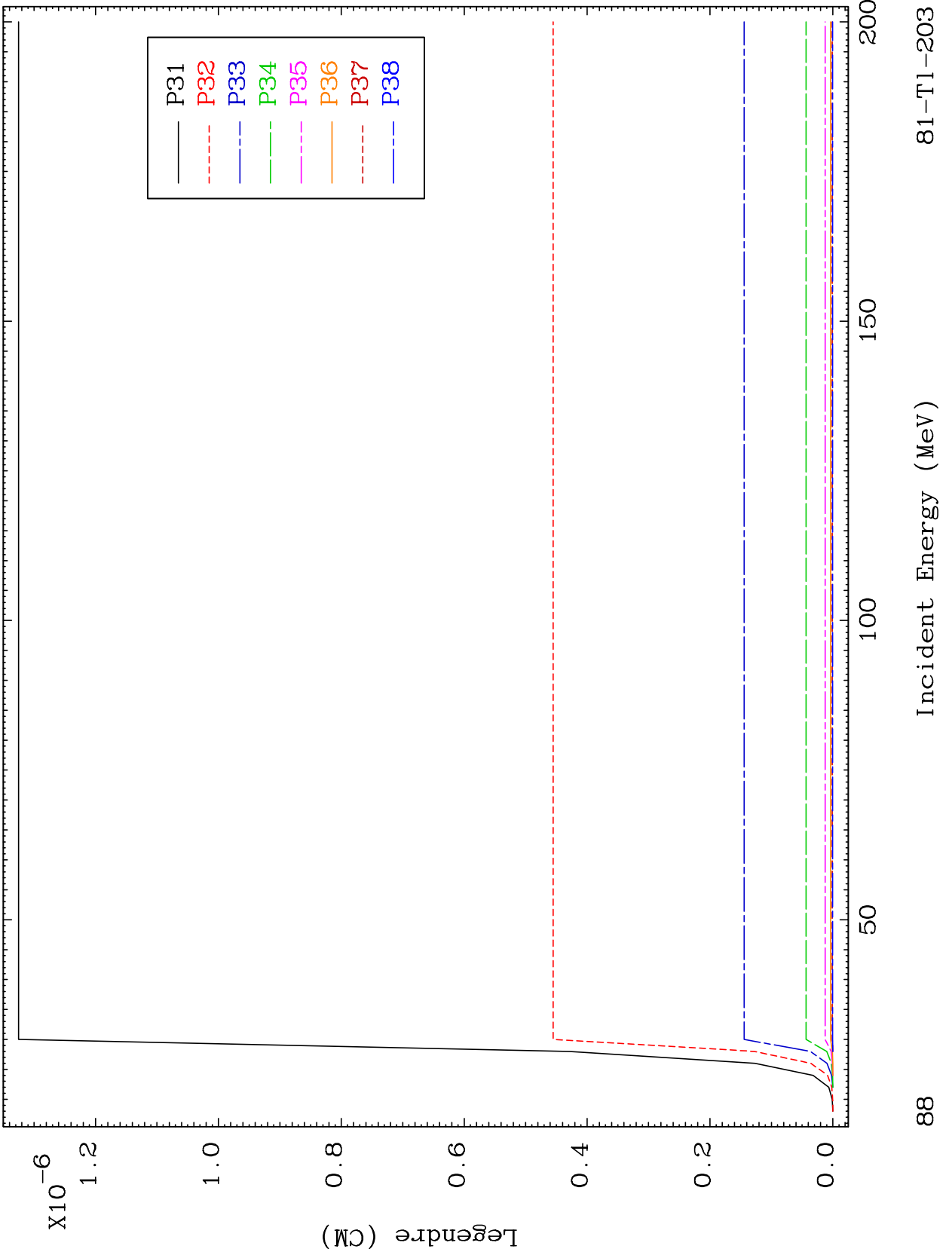


87

Incident Energy (MeV)

81-T1-203

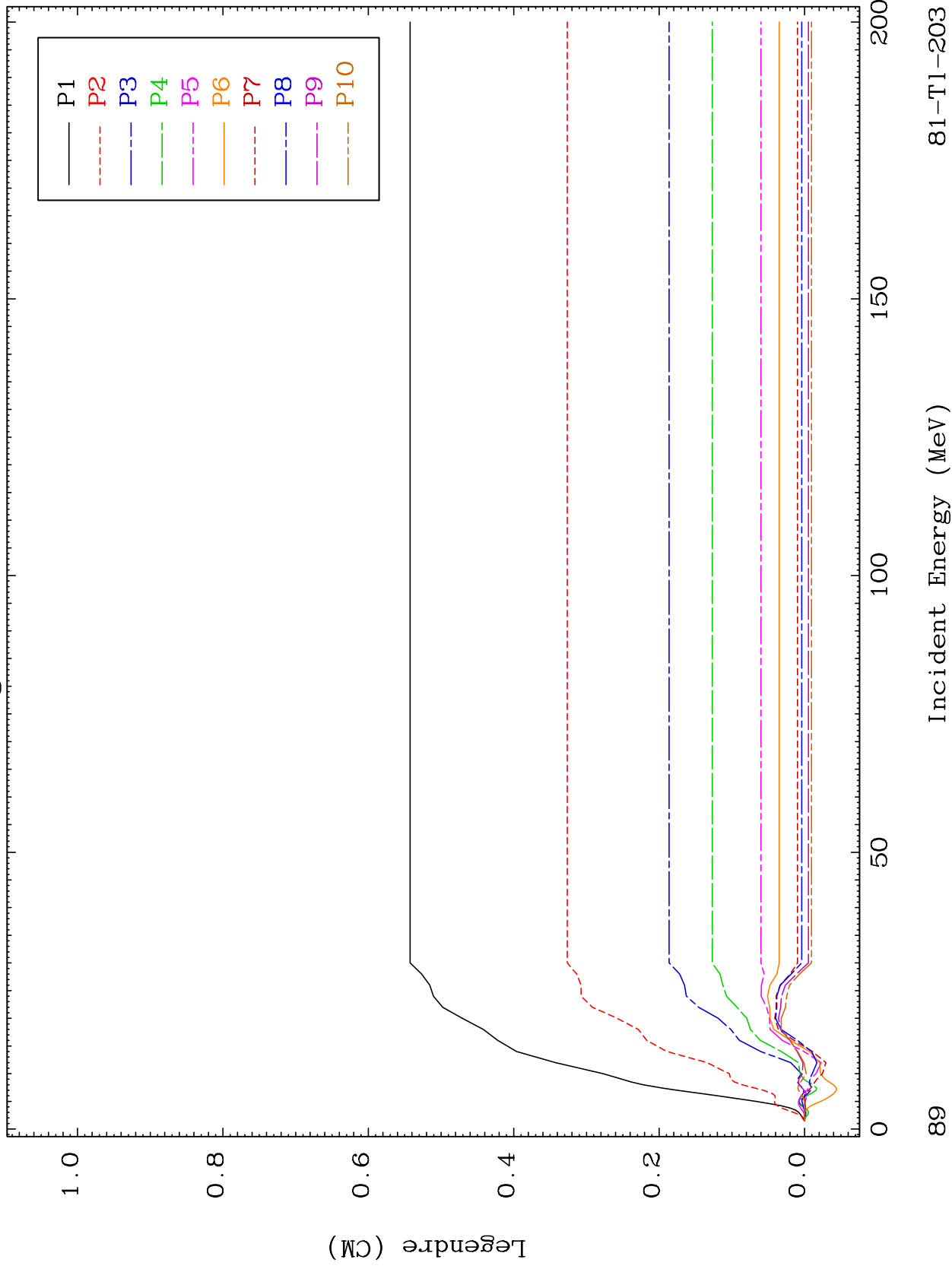




MAT 8125

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

81-T1-203



81-T1-203

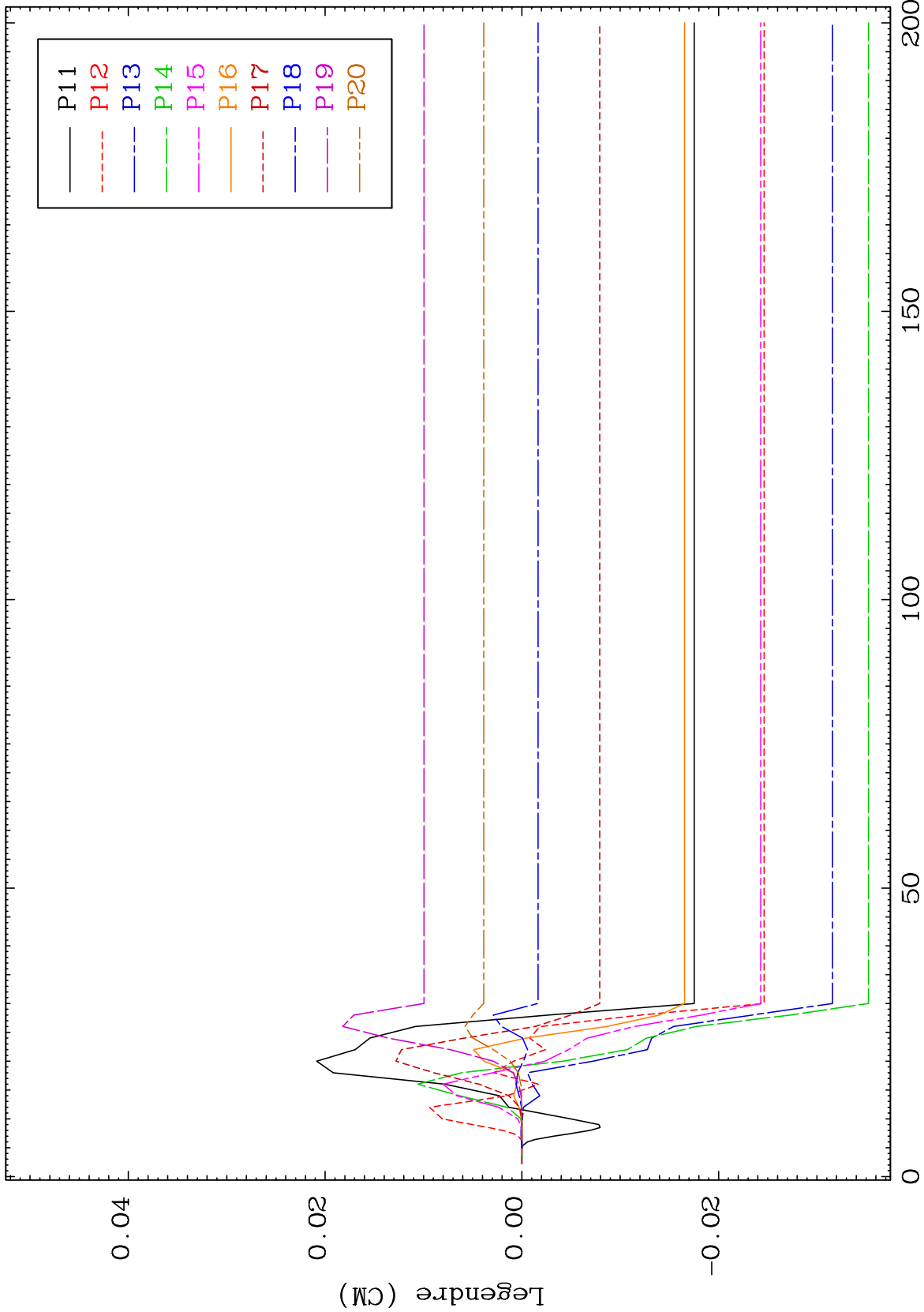
Incident Energy (MeV)

89

MAT 8125

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

81-T1-203



90

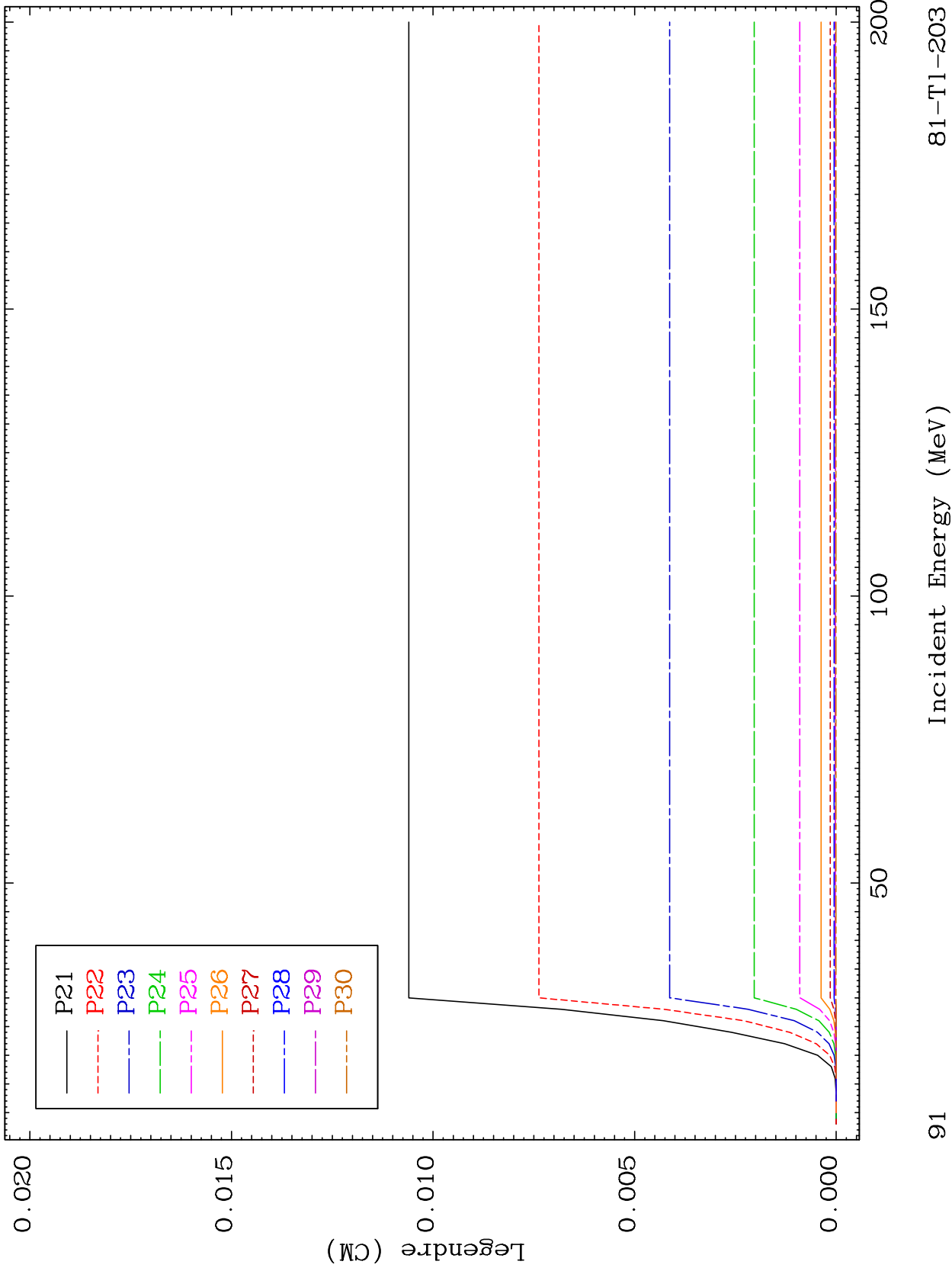
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



91

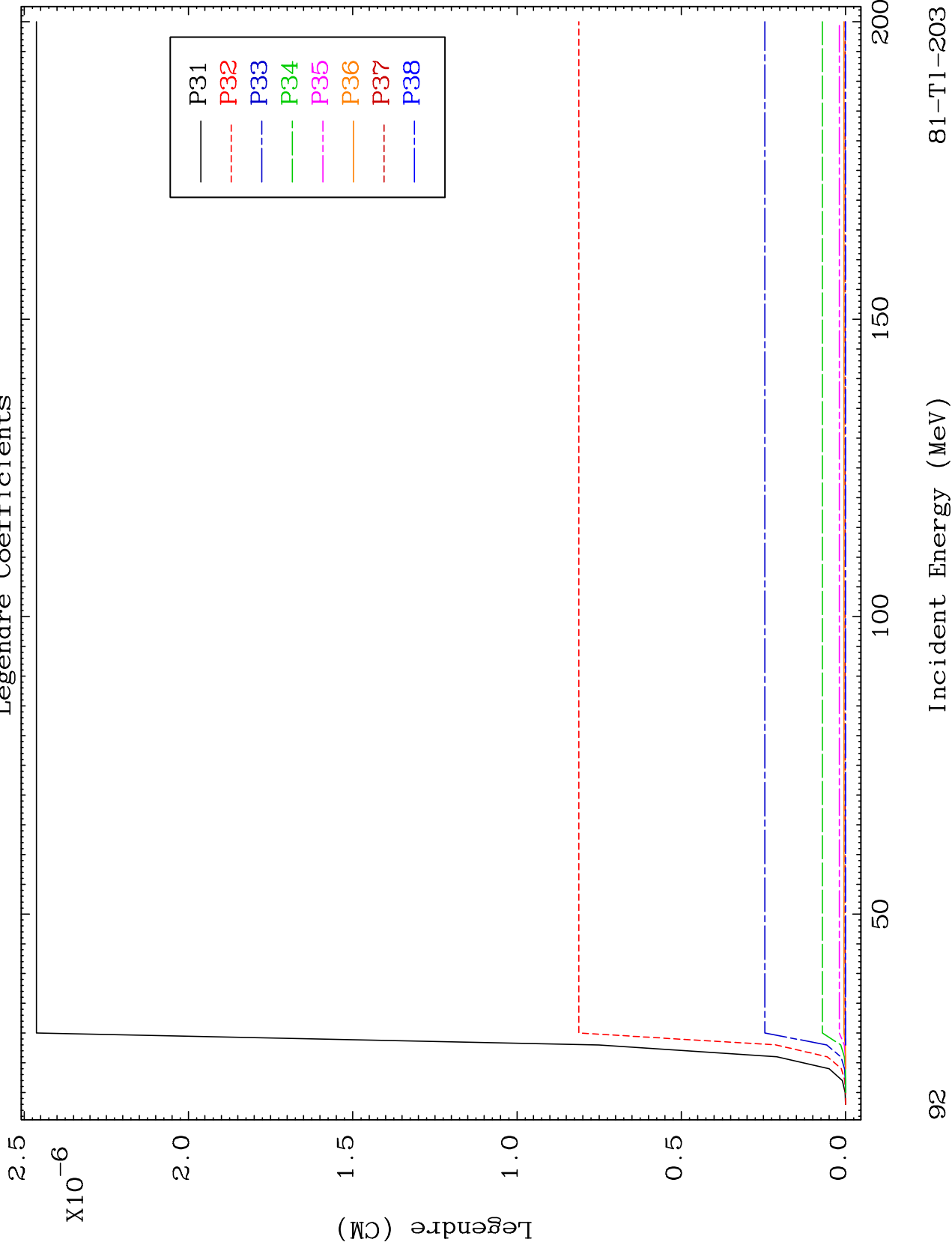
Incident Energy (MeV)

81-T1-203

MAT 8125

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

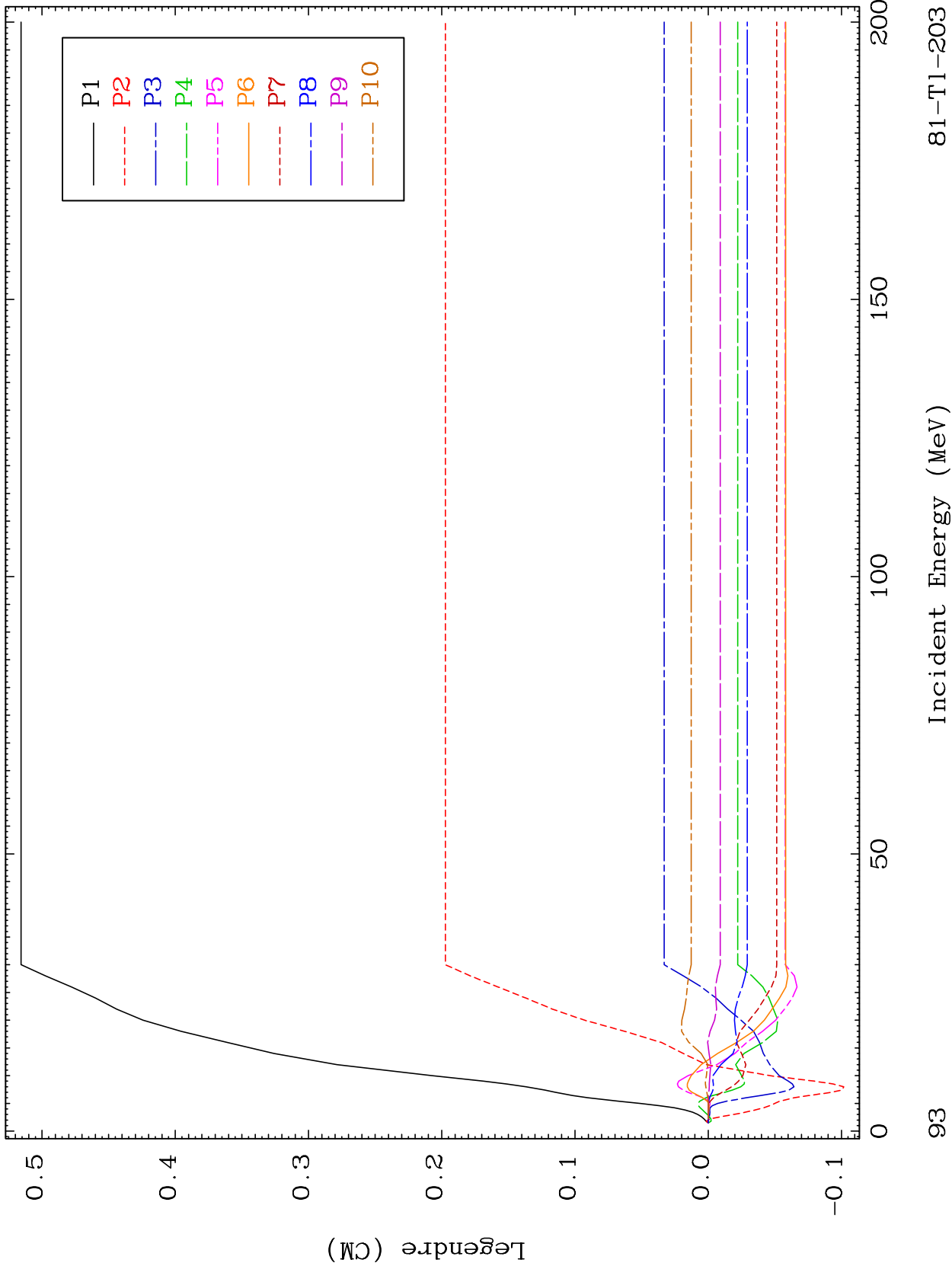
81-T1-203



92

Incident Energy (MeV)

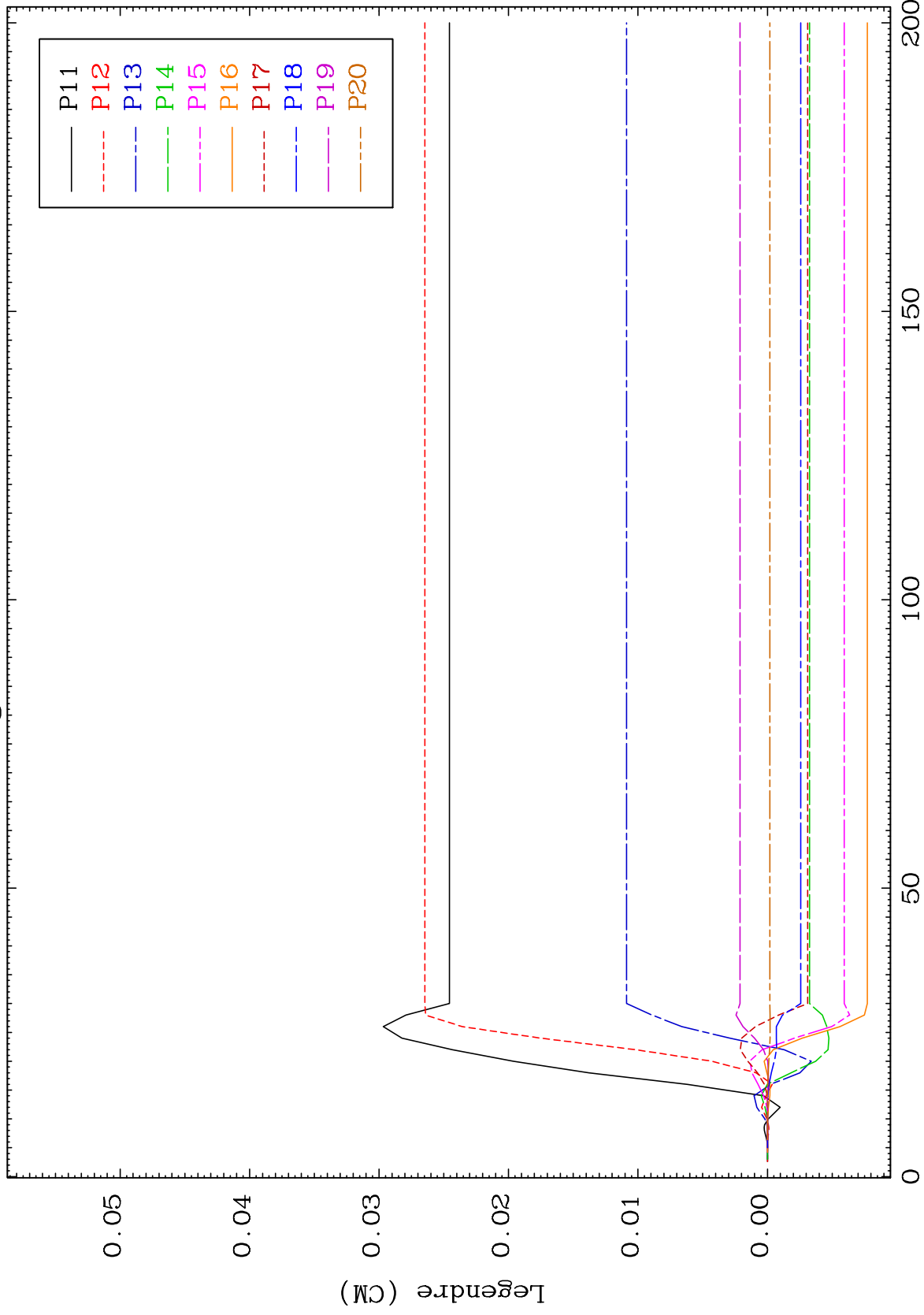
81-T1-203



MAT 8125

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

81-T1-203



94

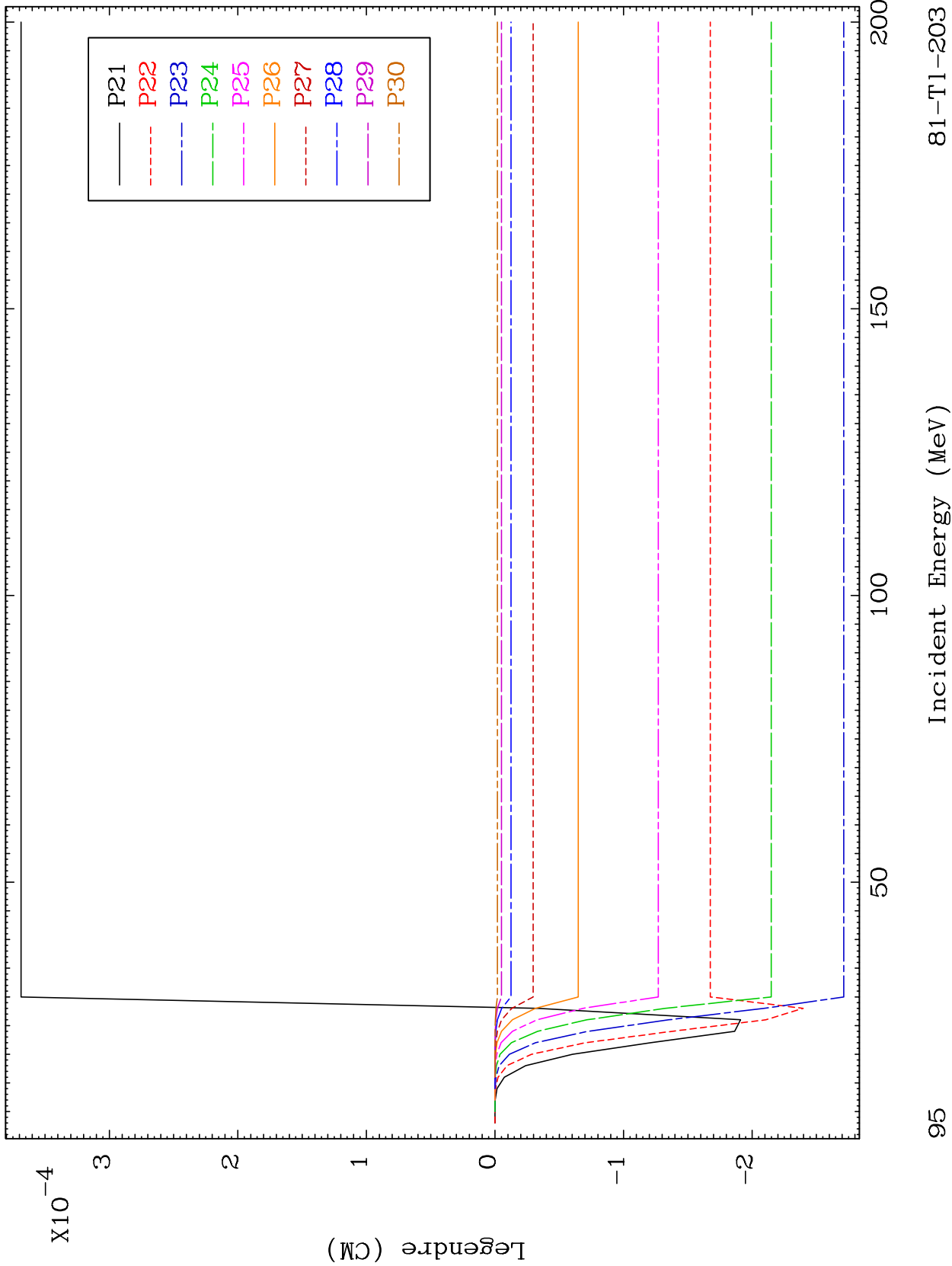
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



95

Incident Energy (MeV)

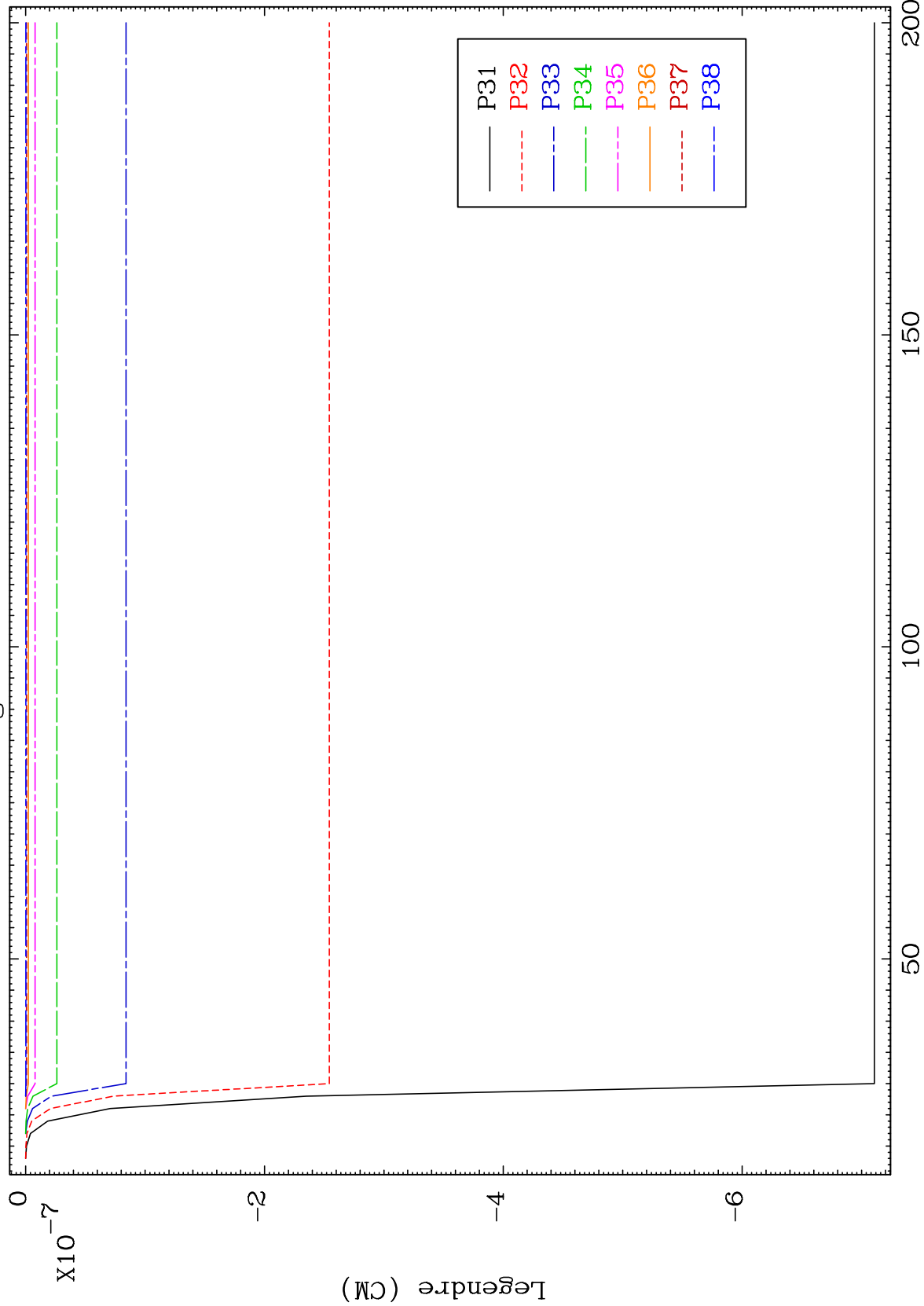
81-T1-203



MAT 8125

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

81-T1-203



96

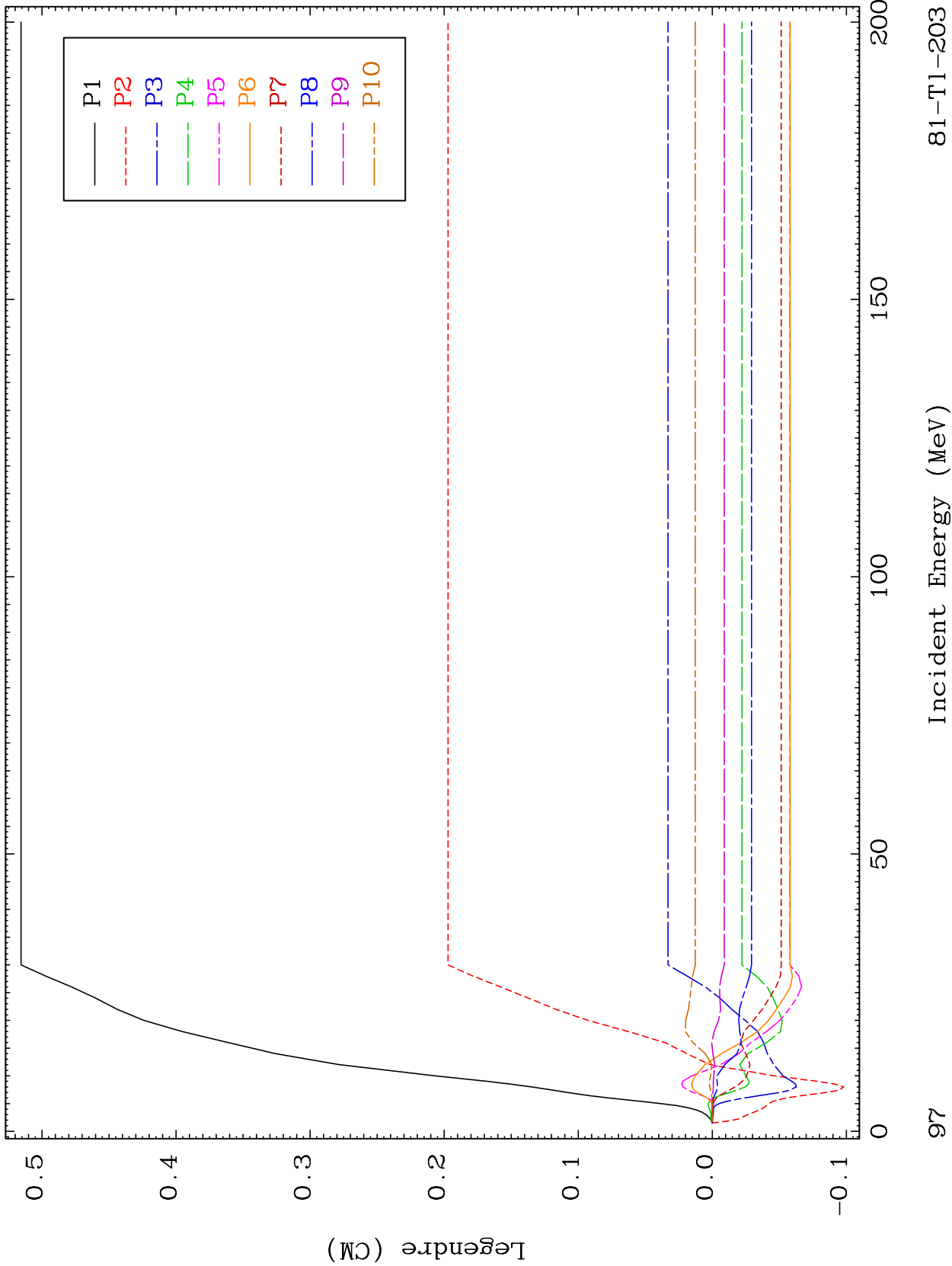
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



81-T1-203

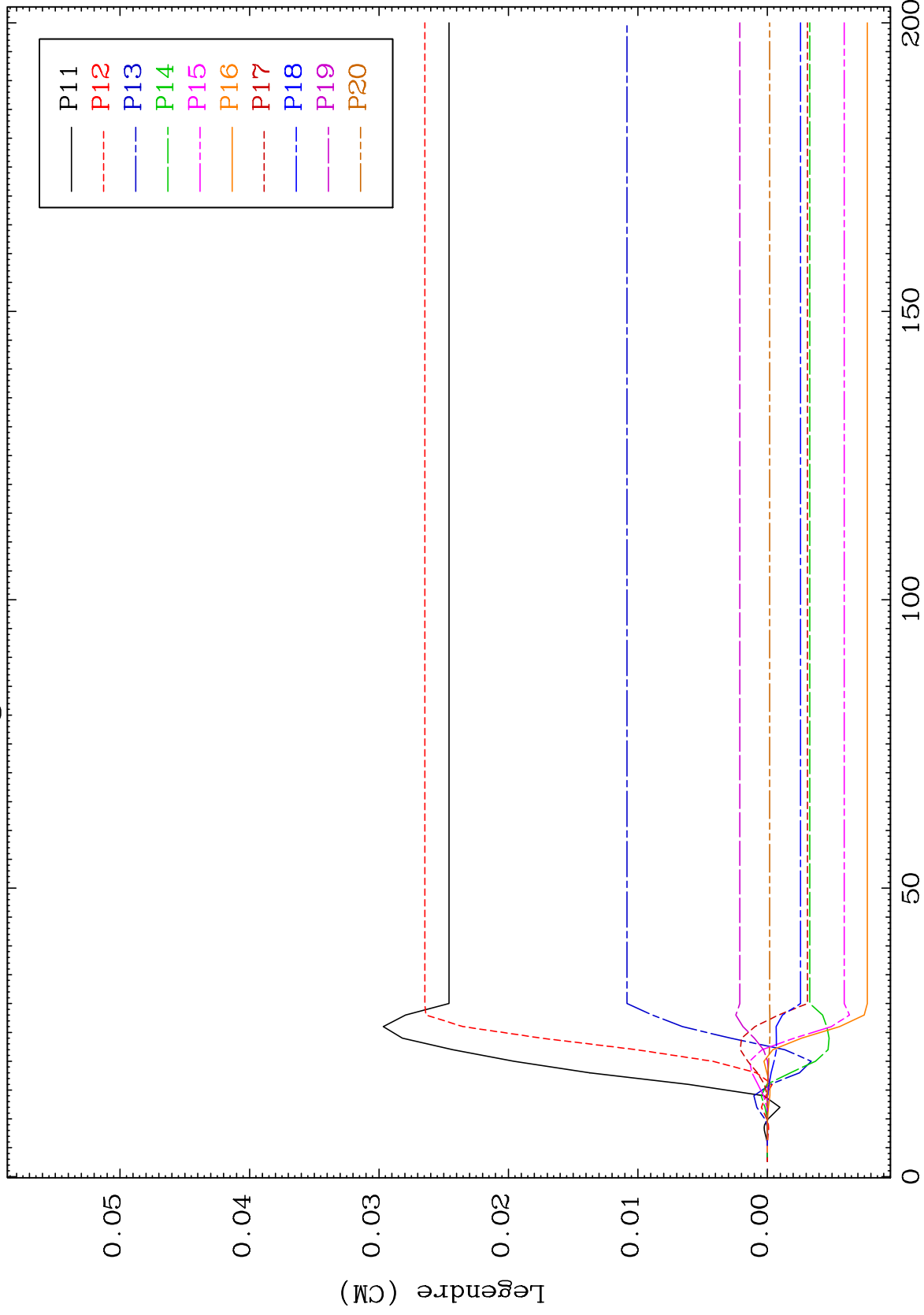
Incident Energy (MeV)

97

MAT 8125

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

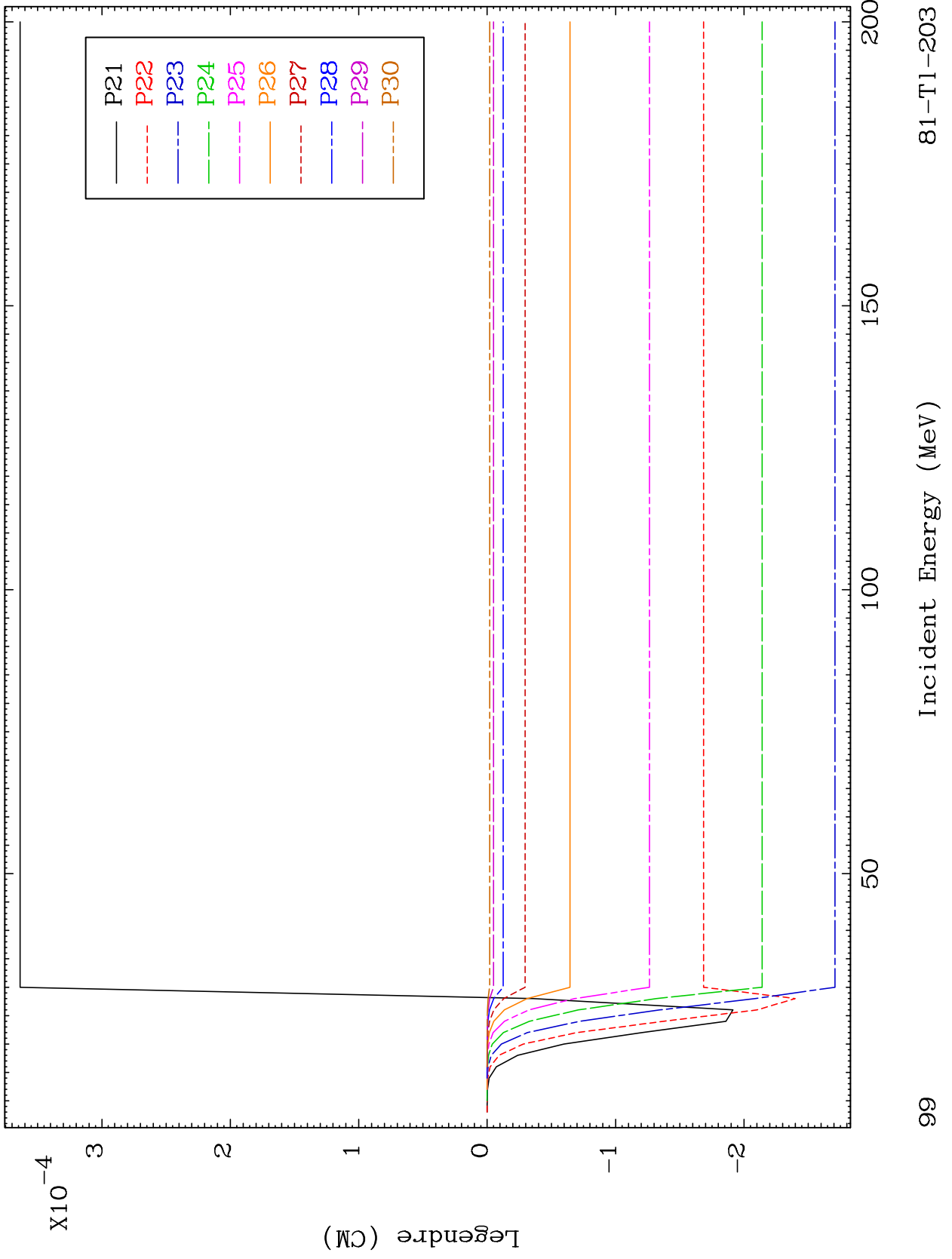
81-T1-203

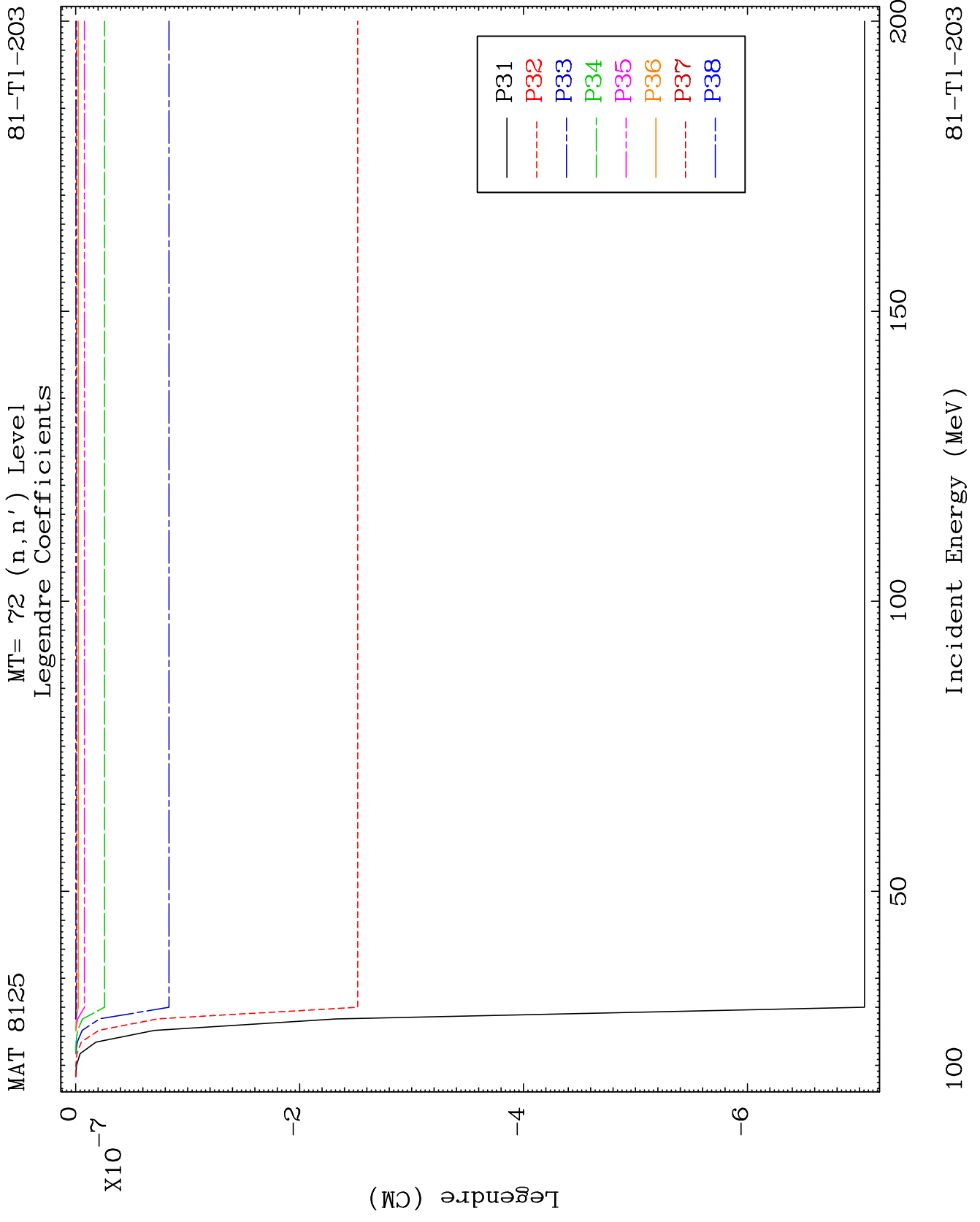


98

Incident Energy (MeV)

81-T1-203

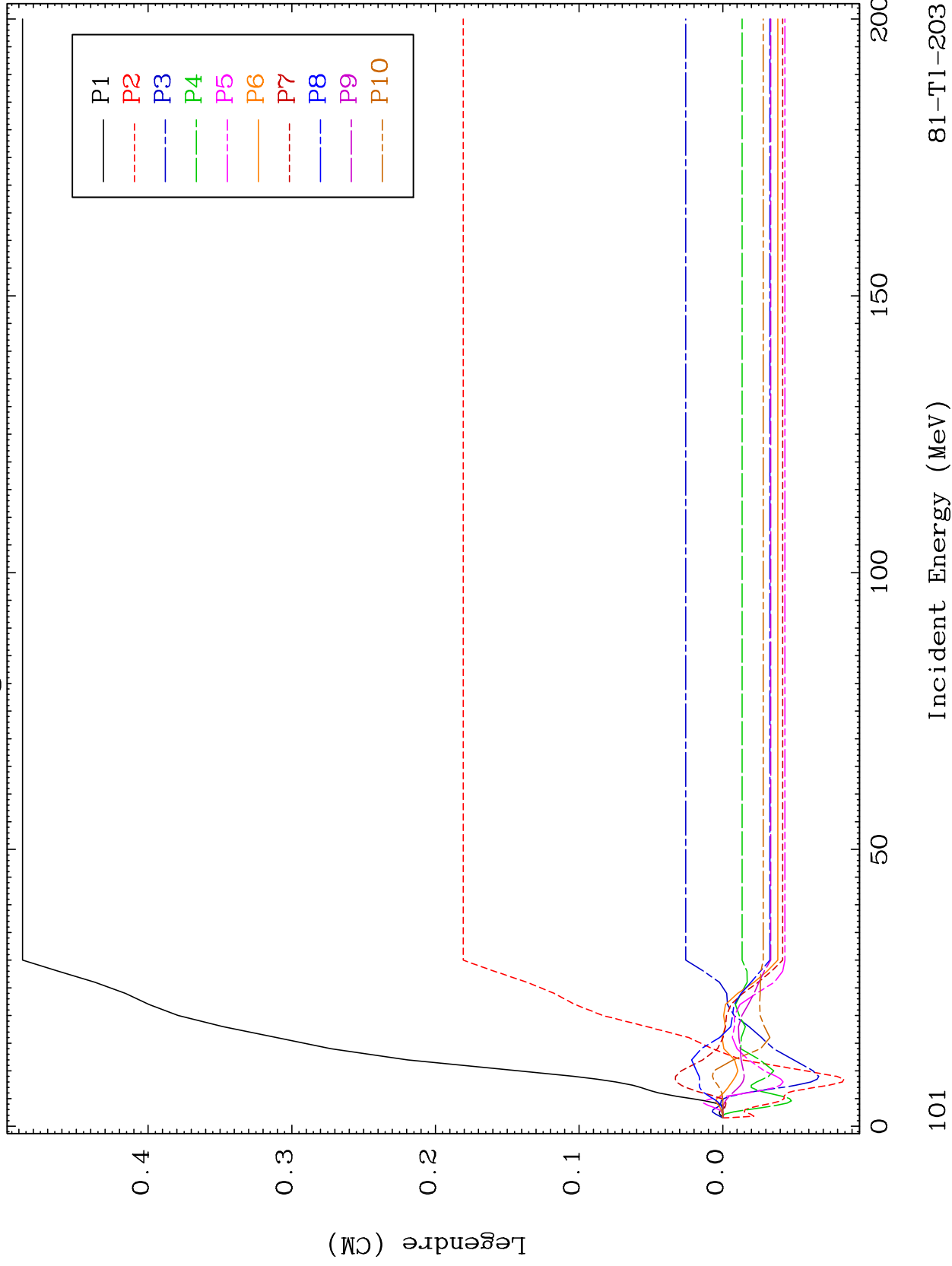




MAT 8125

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

81-T1-203



81-T1-203

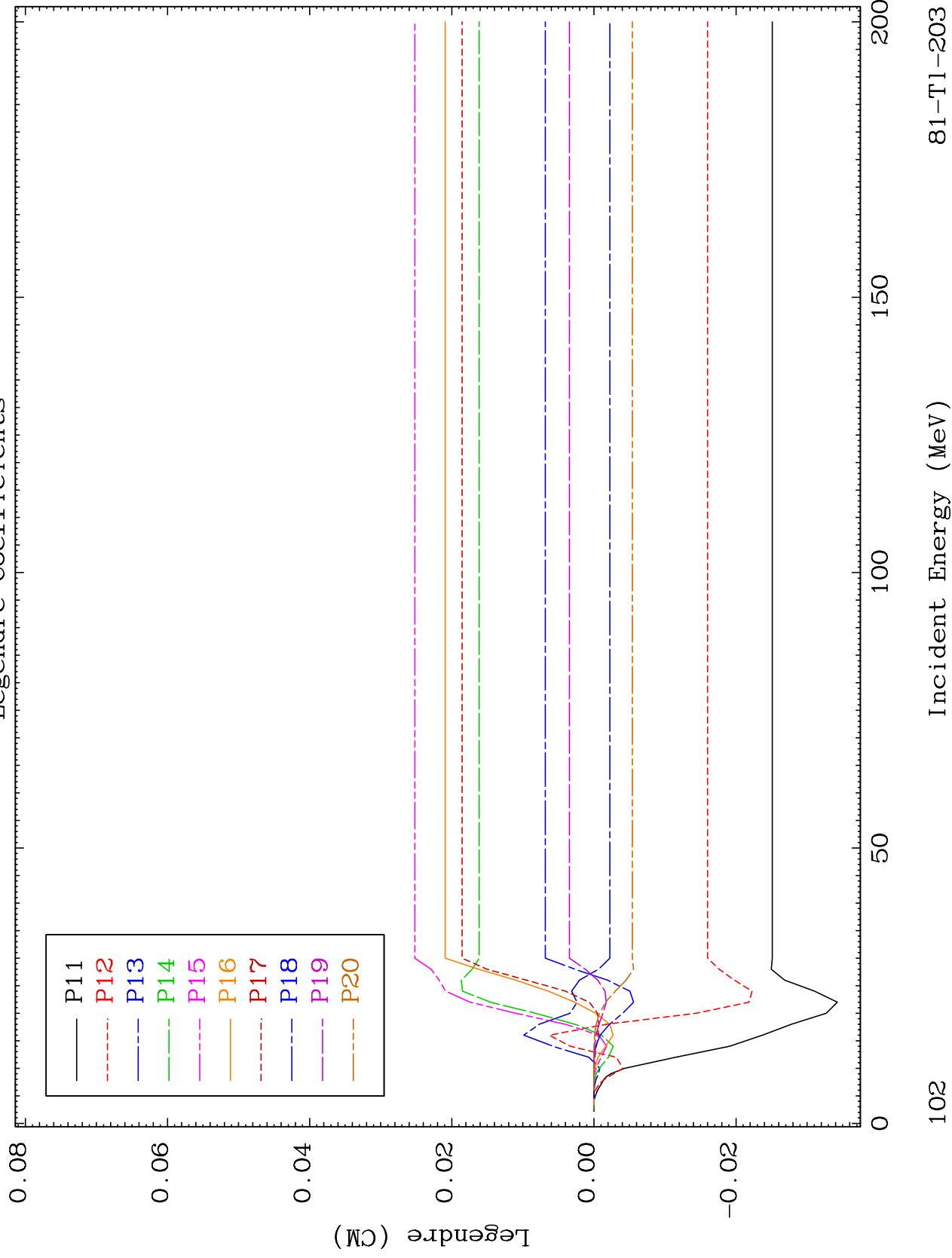
Incident Energy (MeV)

101

MAT 8125

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

81-T1-203



81-T1-203

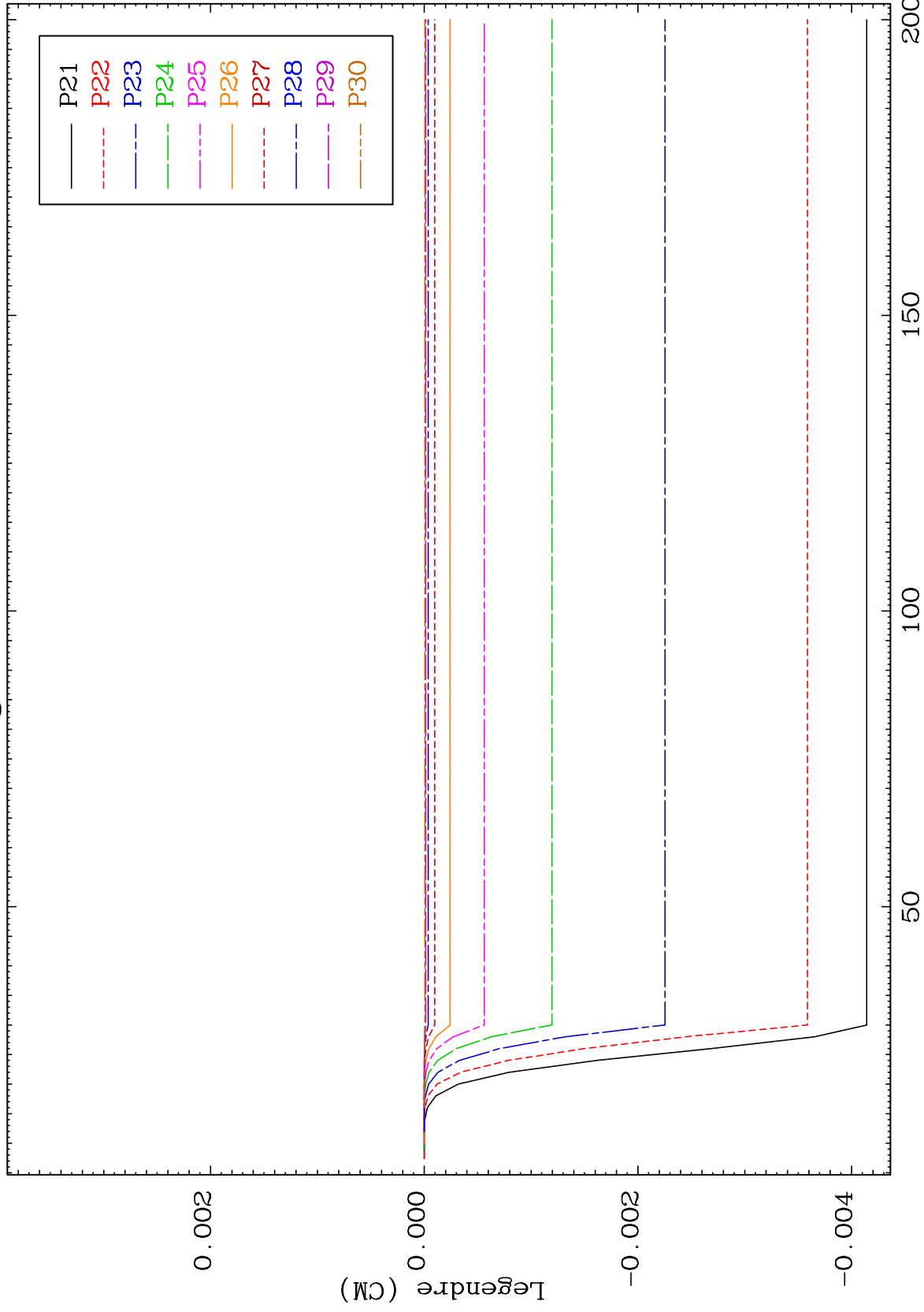
Incident Energy (MeV)

102

MAT 8125

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

81-T1-203

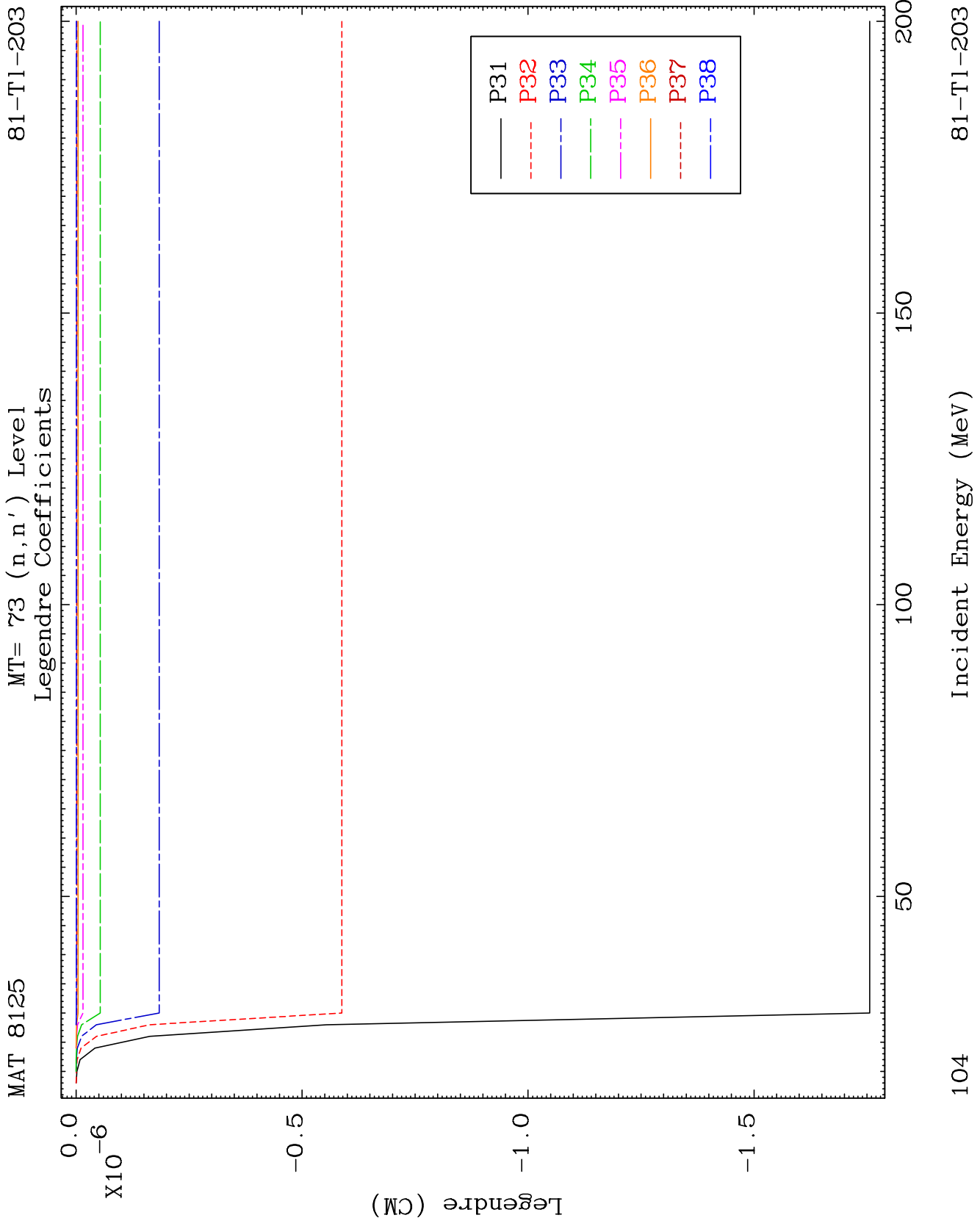


103

Incident Energy (MeV)

81-T1-203



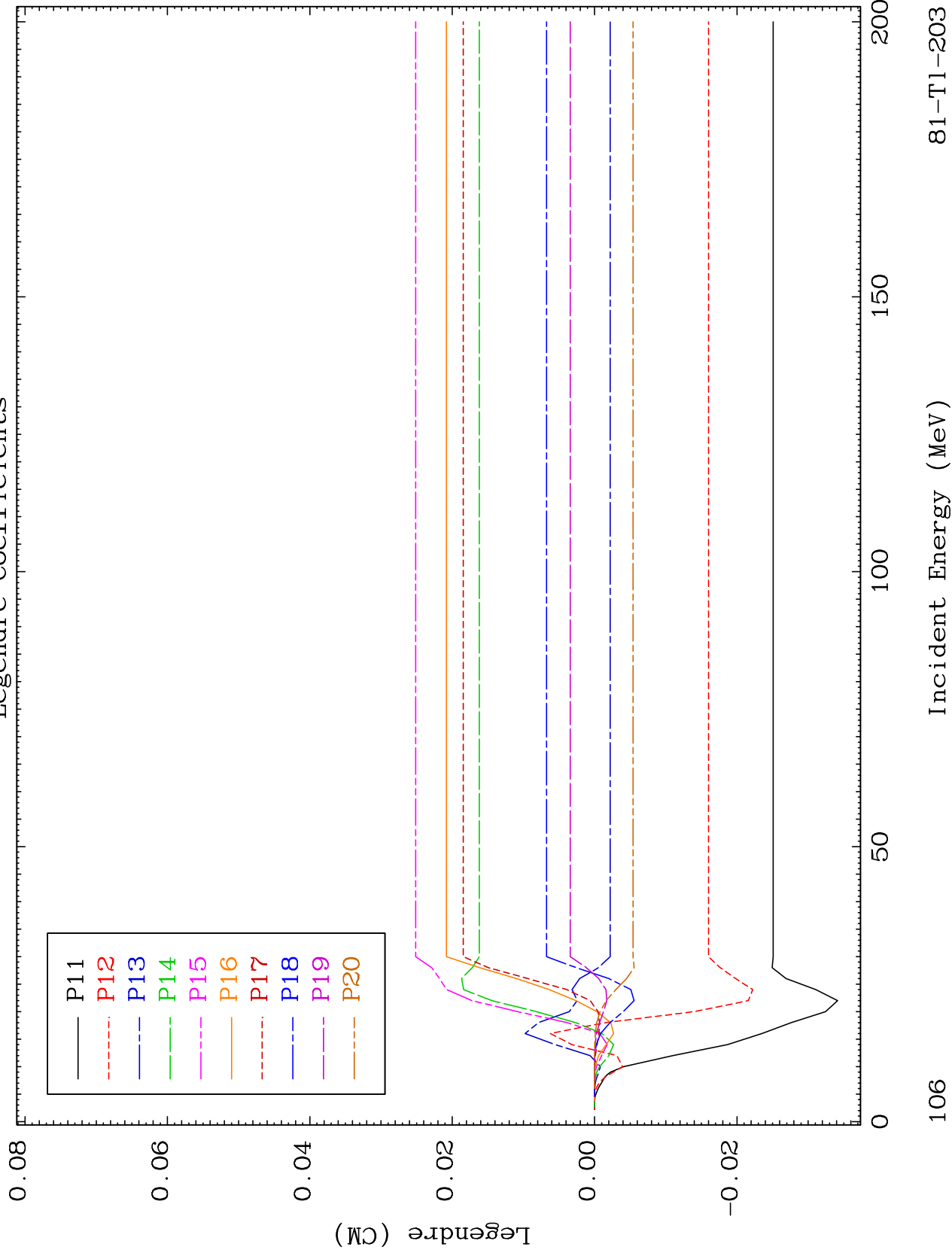




MAT 8125

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

81-T1-203



81-T1-203

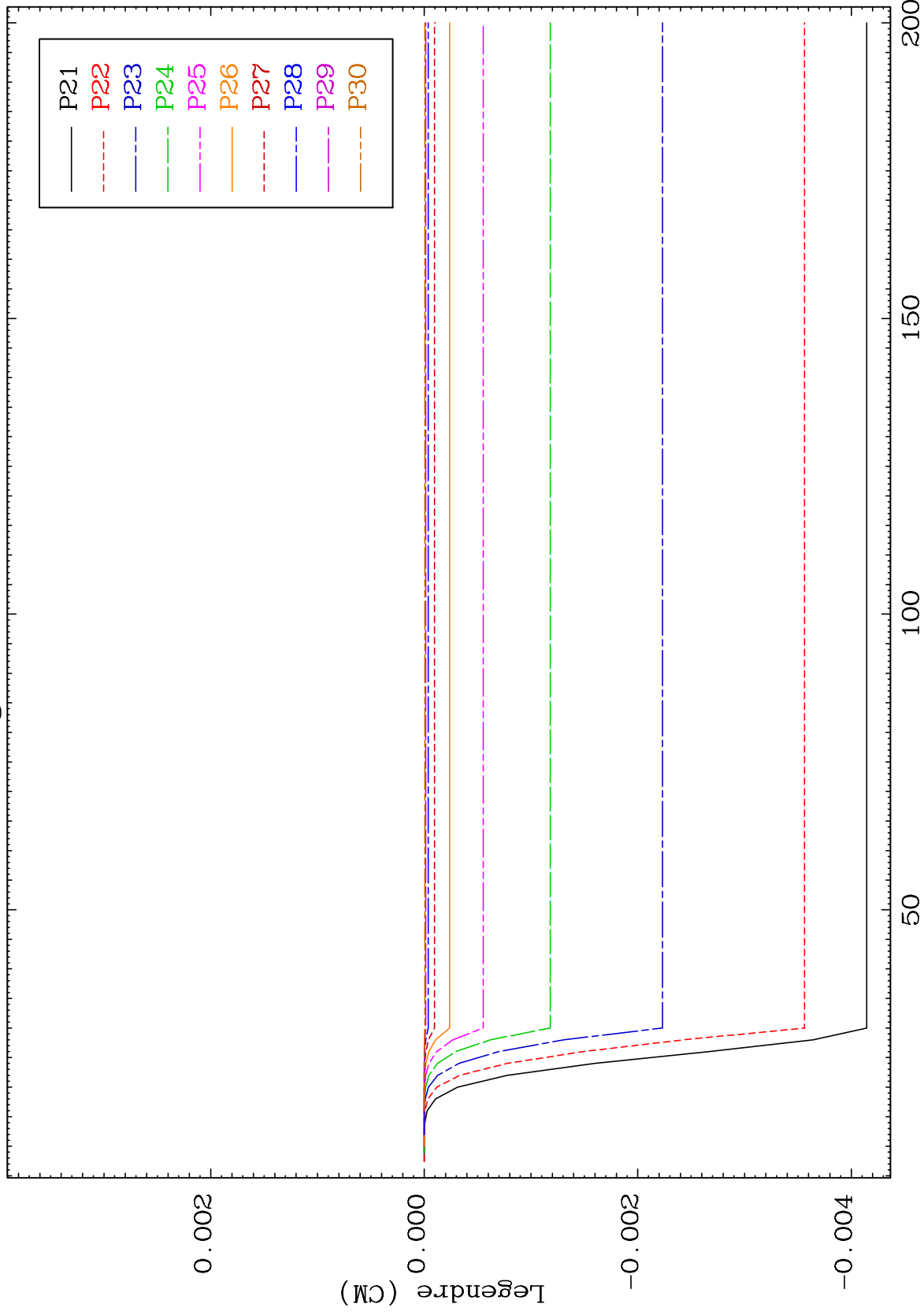
Incident Energy (MeV)

106

MAT 8125

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

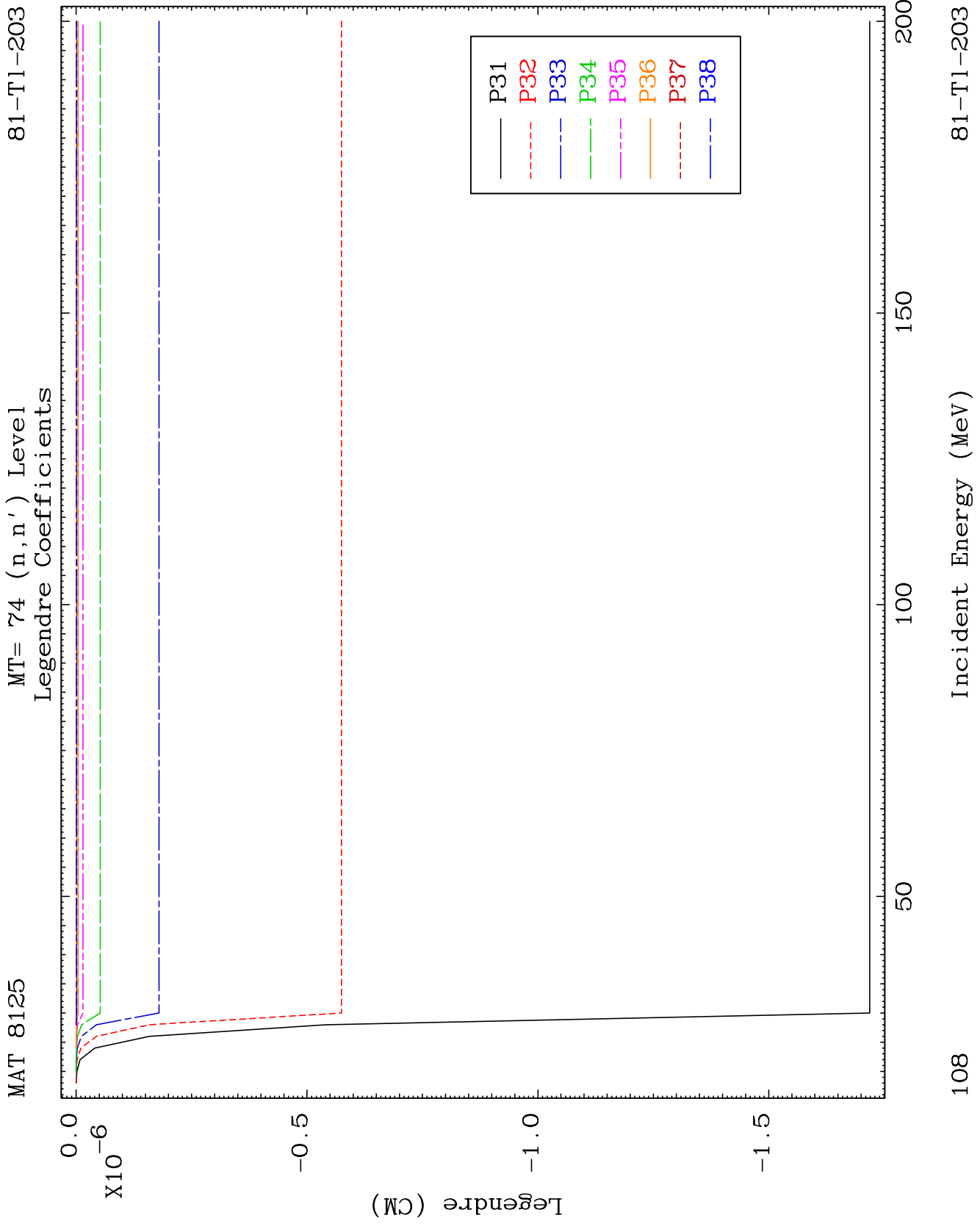
81-T1-203



107

Incident Energy (MeV)

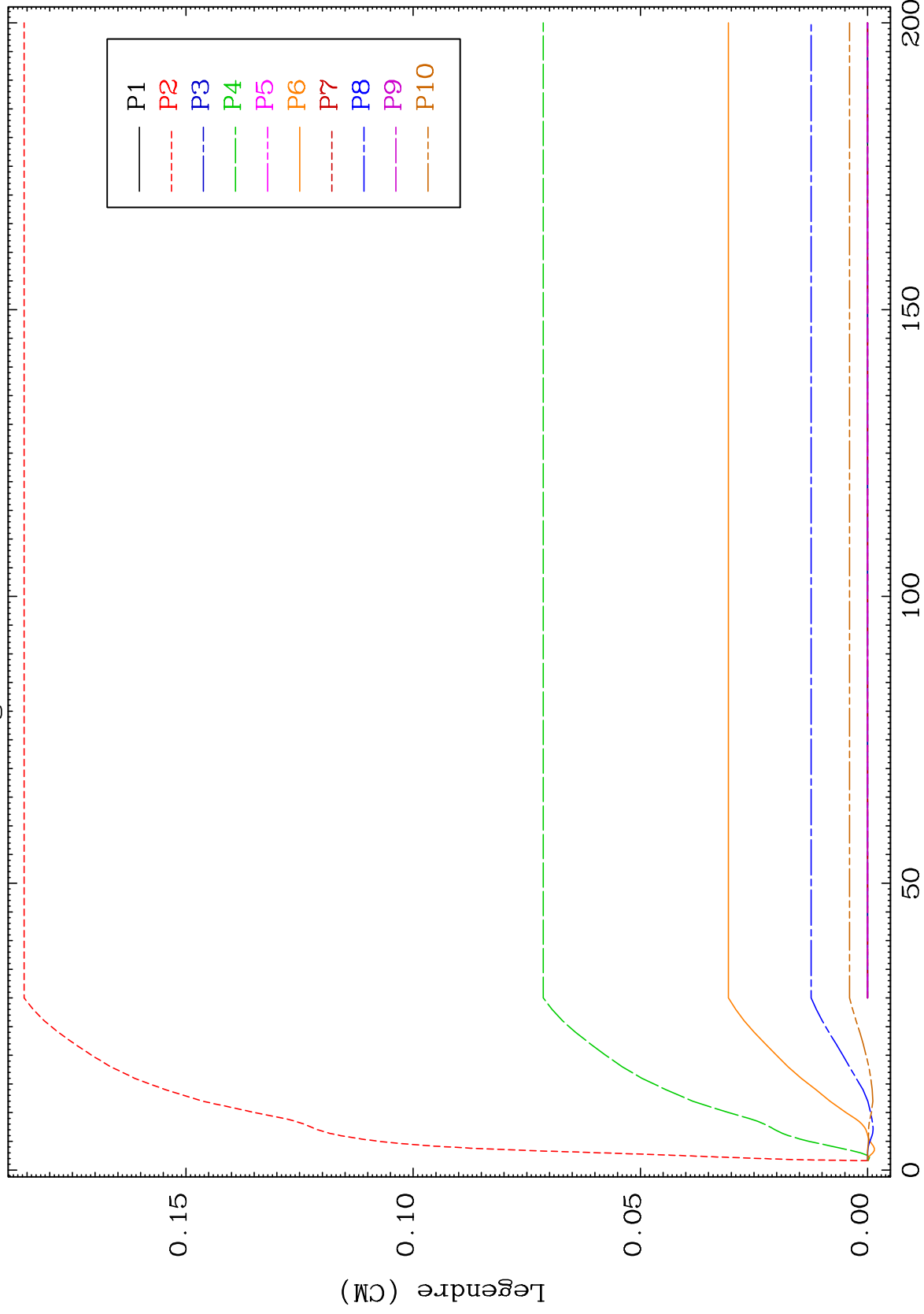
81-T1-203



MAT 8125

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

81-T1-203



109

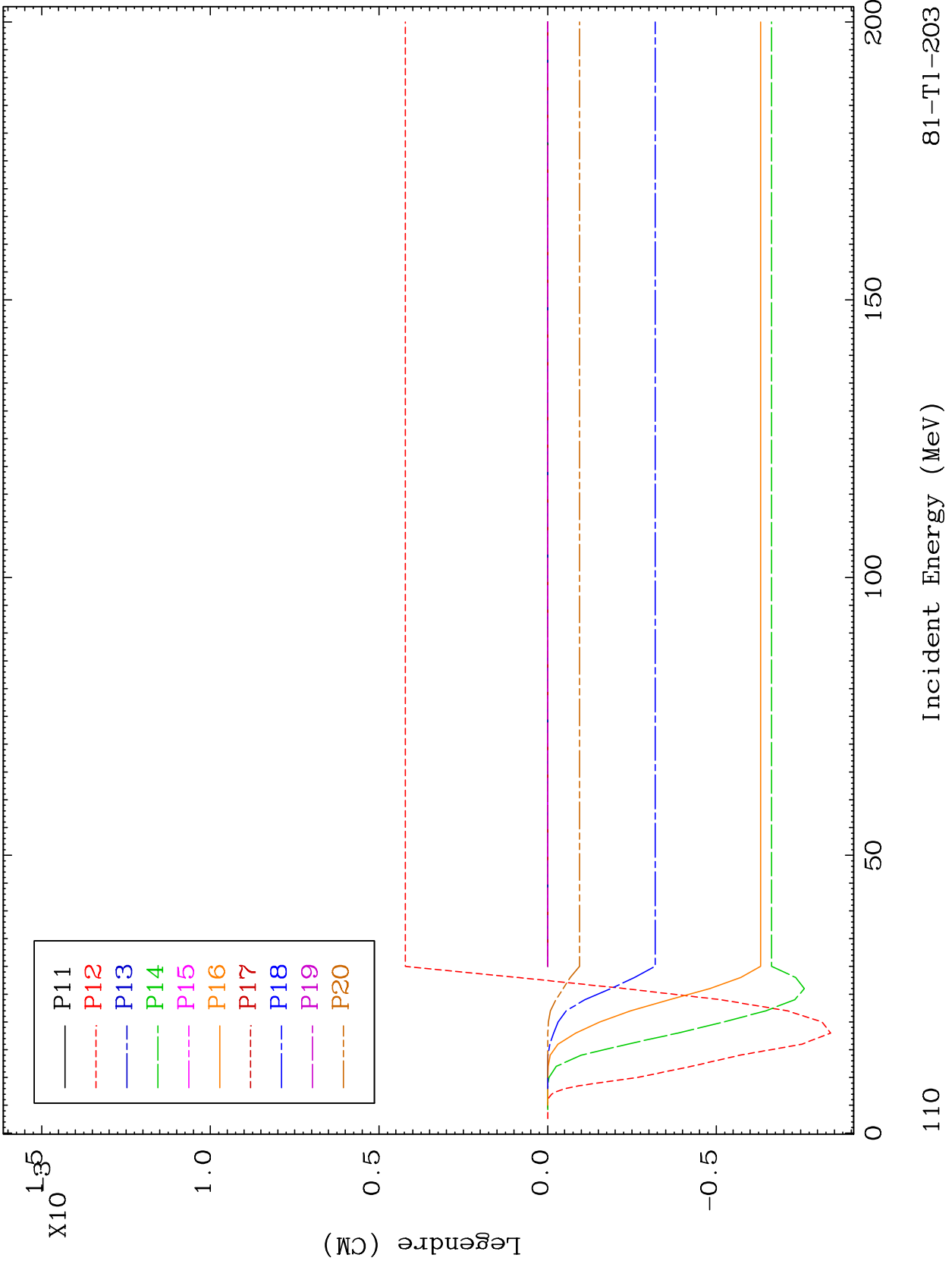
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



81-T1-203

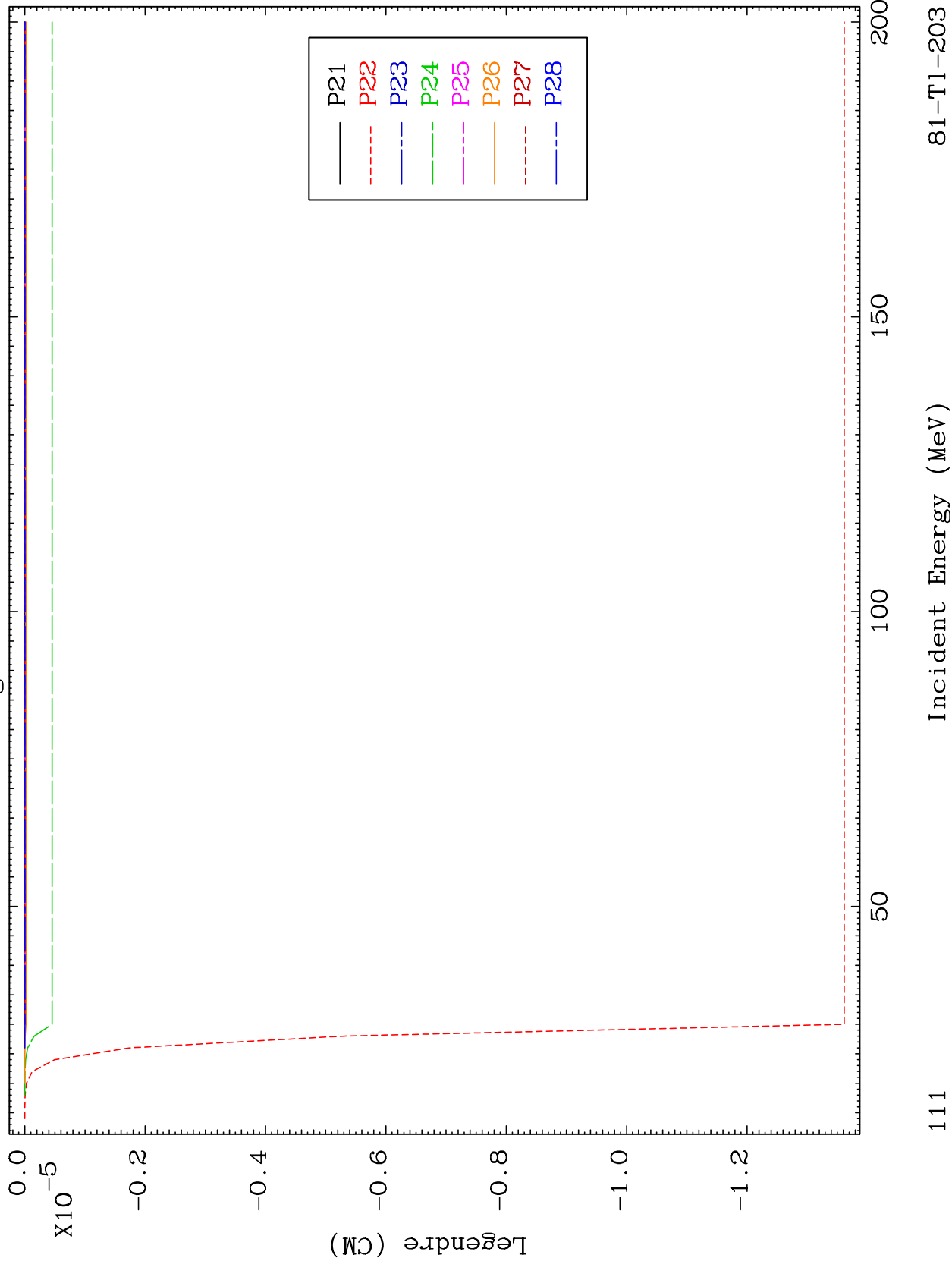
Incident Energy (MeV)

110

MAT 8125

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

81-T1-203



111

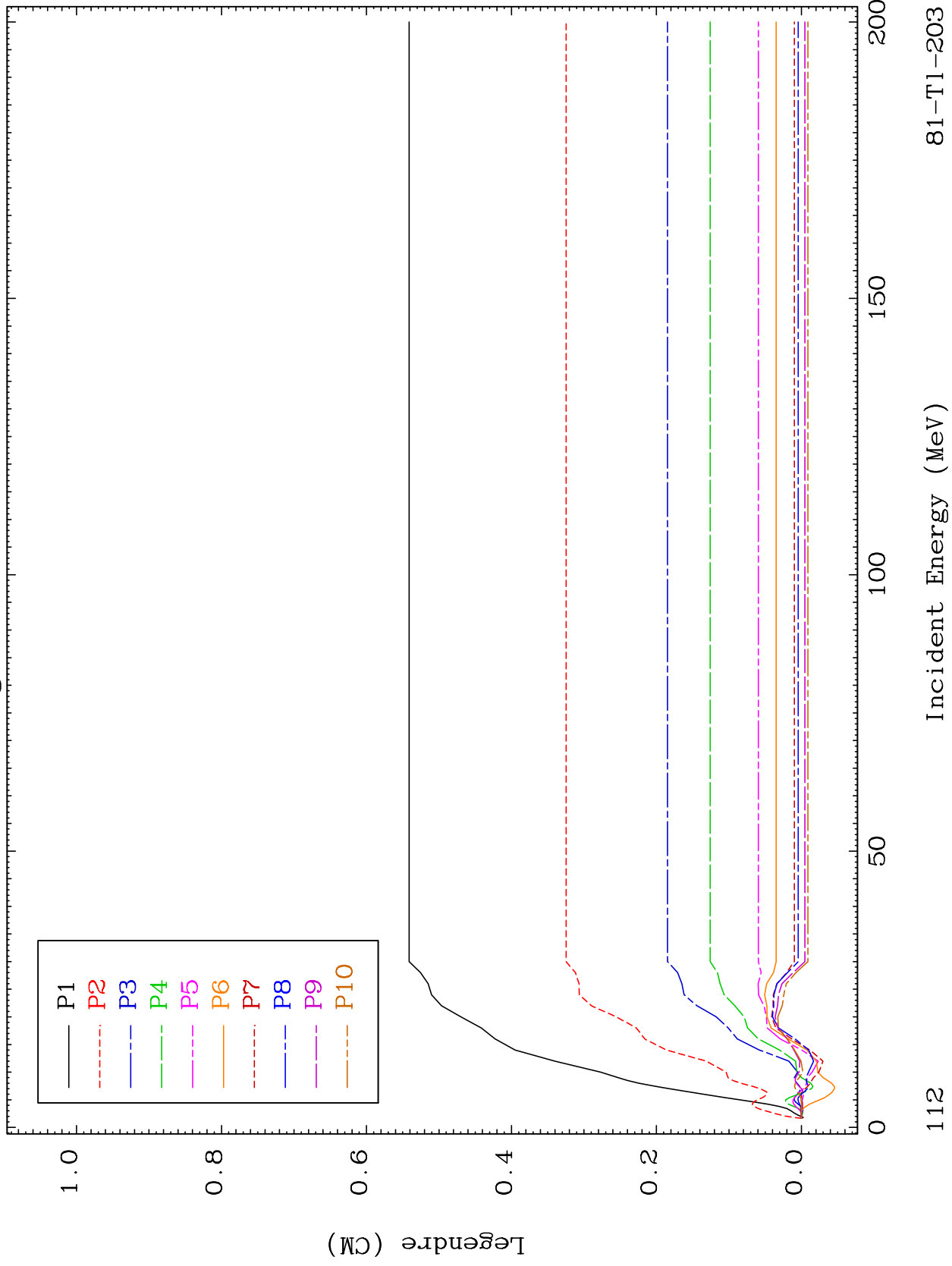
81-T1-203



MAT 8125

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

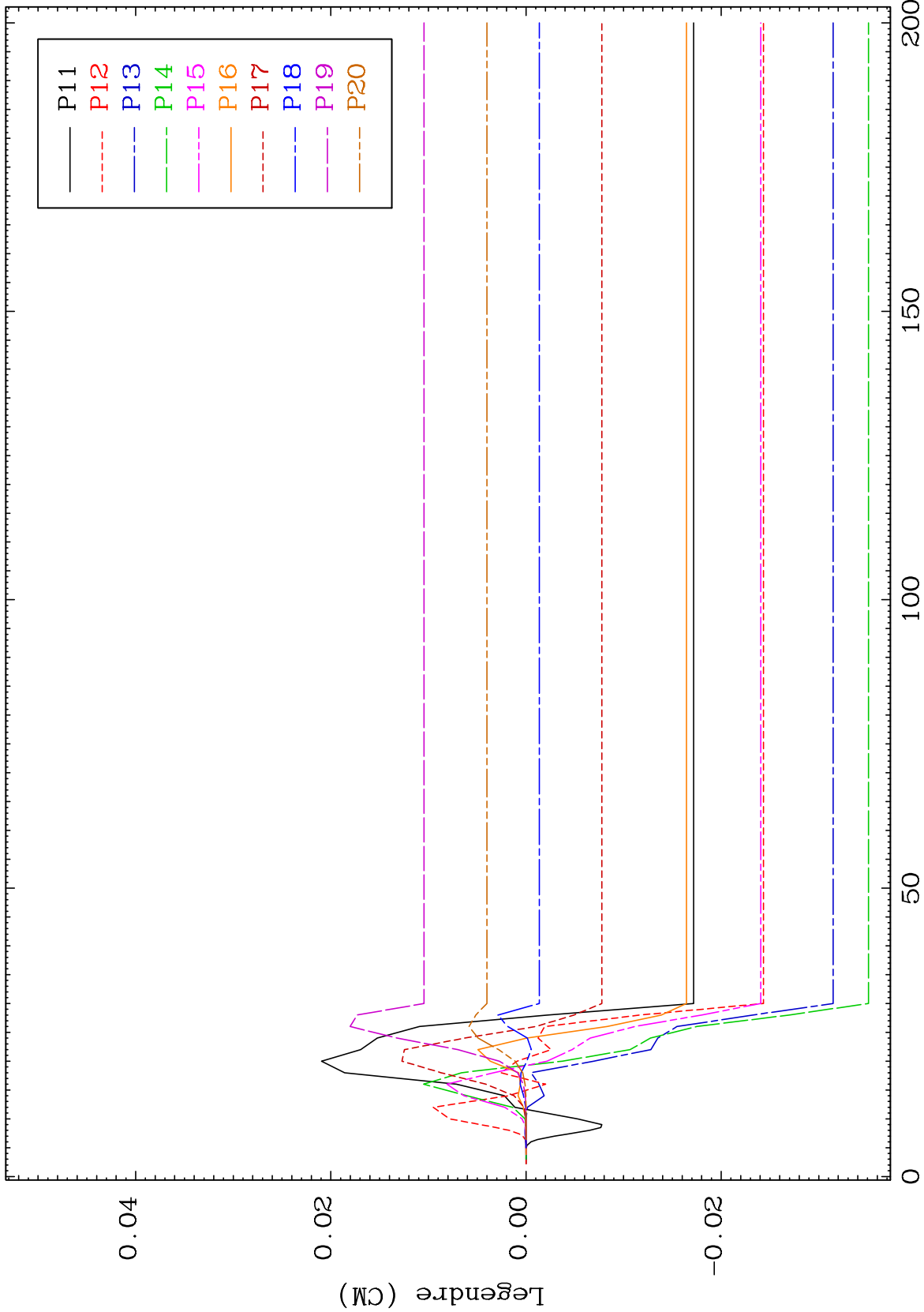
81-T1-203



MAT 8125

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

81-T1-203



113

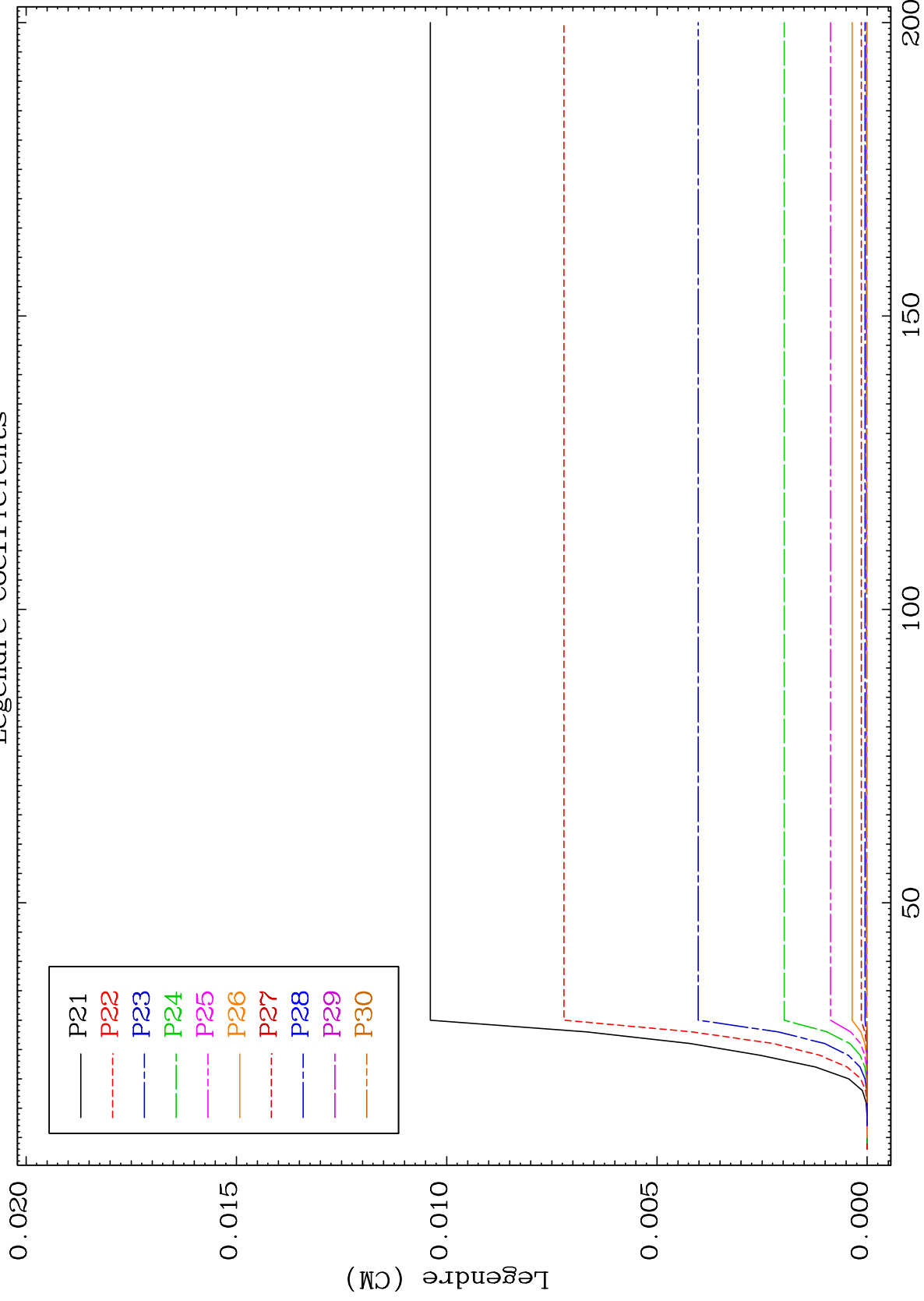
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



114

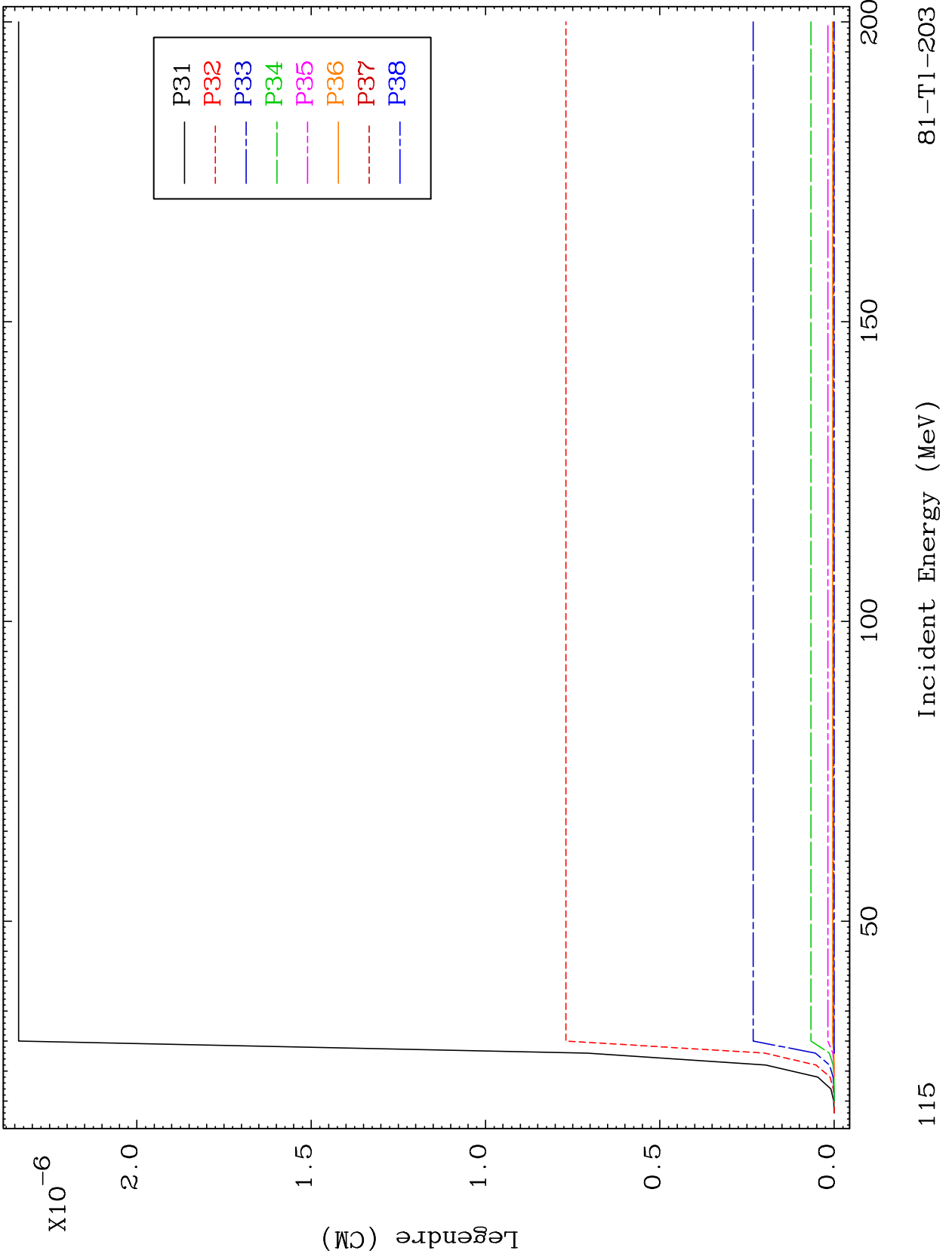
Incident Energy (MeV)

81-T1-203

MAT 8125

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

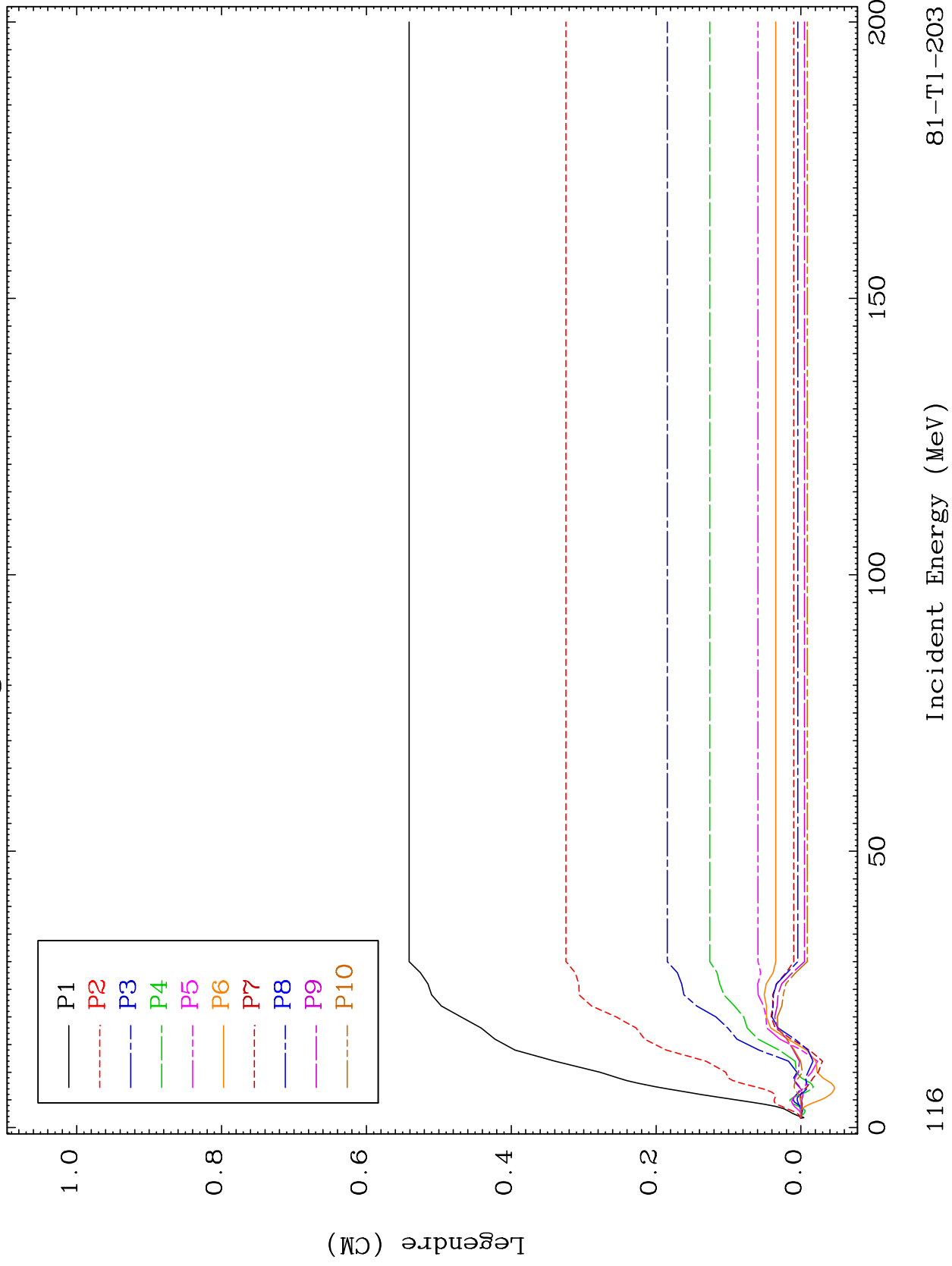
81-T1-203



MAT 8125

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

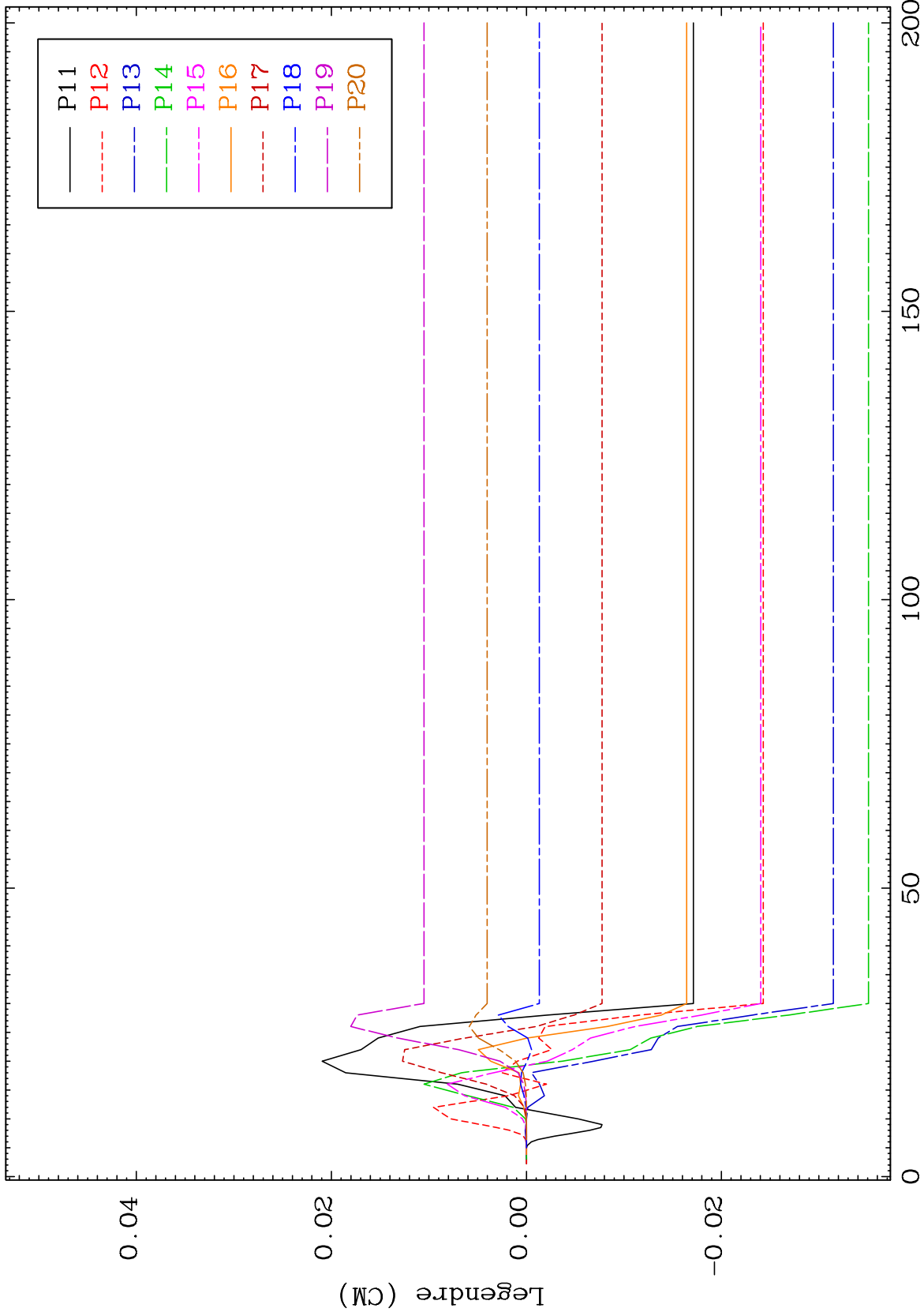
81-T1-203



MAT 8125

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

81-T1-203



117

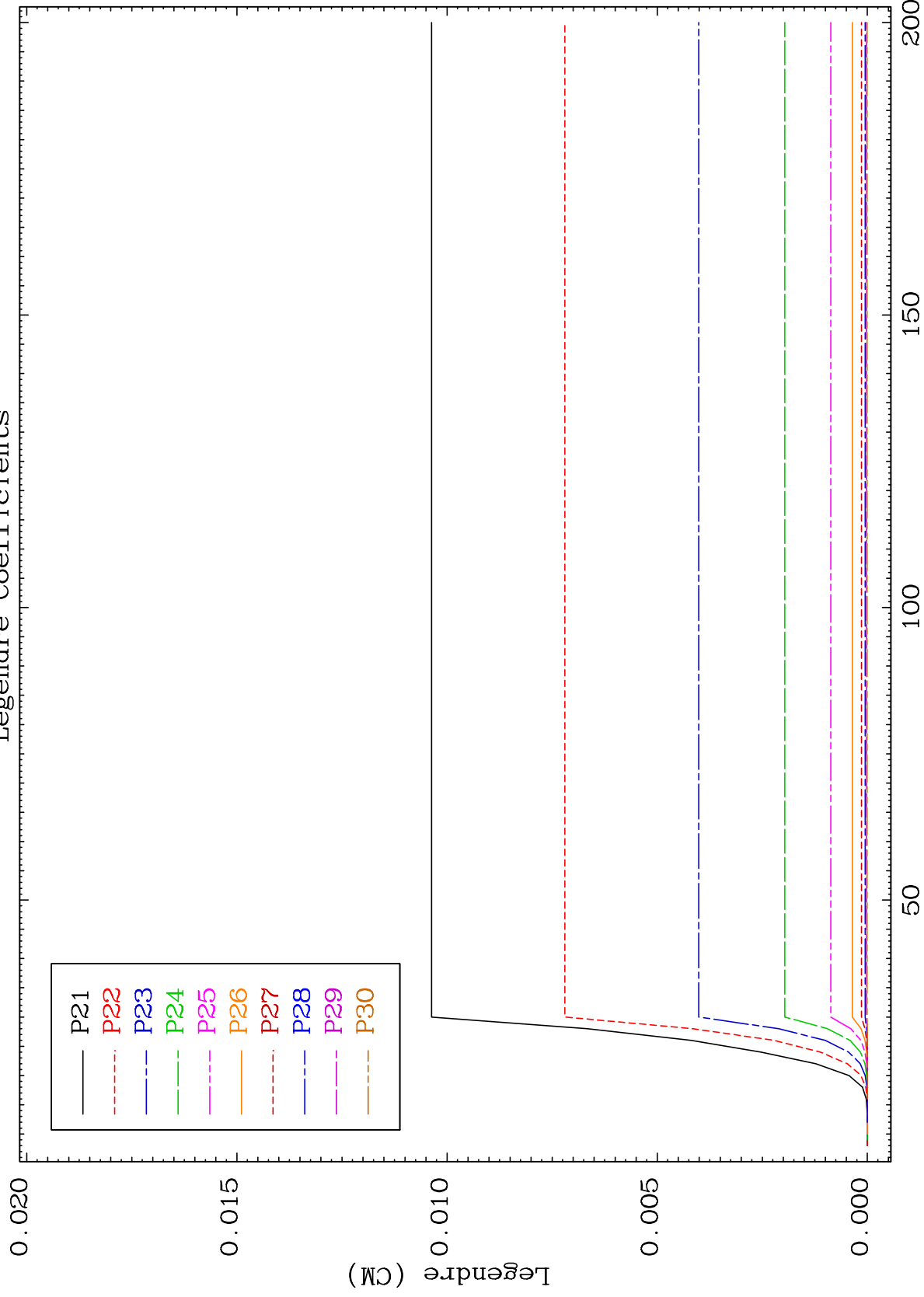
Incident Energy (MeV)

81-T1-203

MAT 8125

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

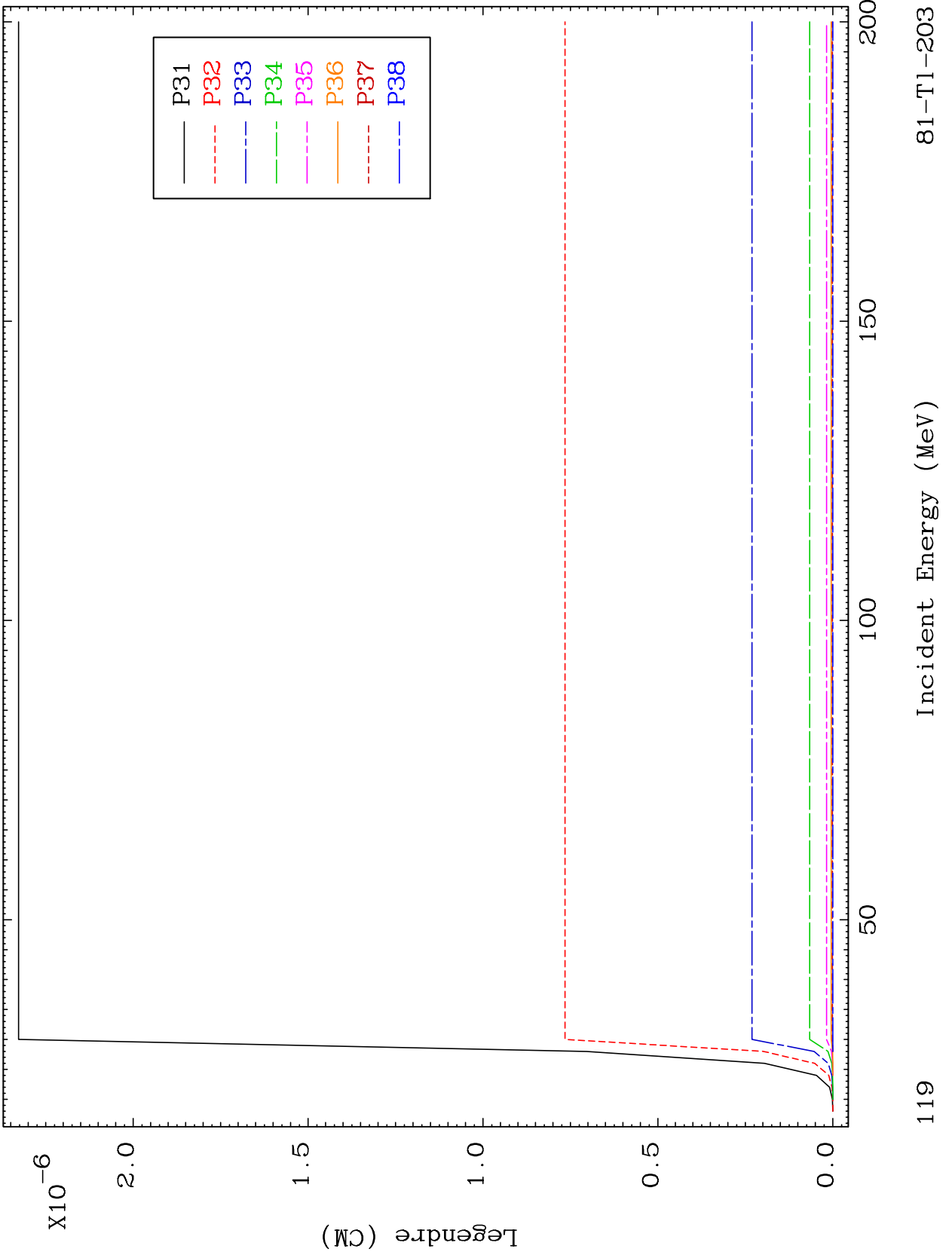
81-T1-203



118

Incident Energy (MeV)

81-T1-203

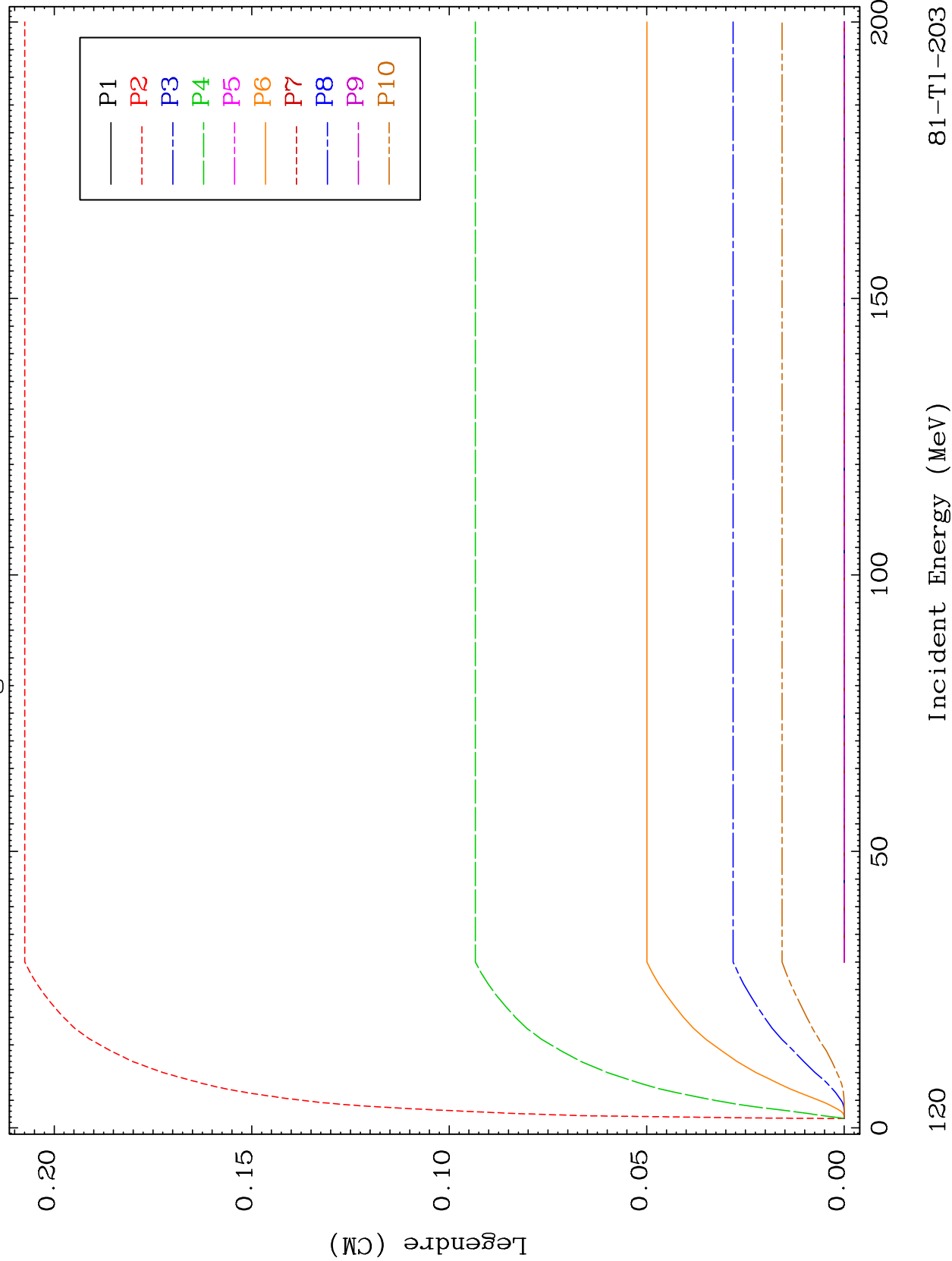




MAT 8125

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

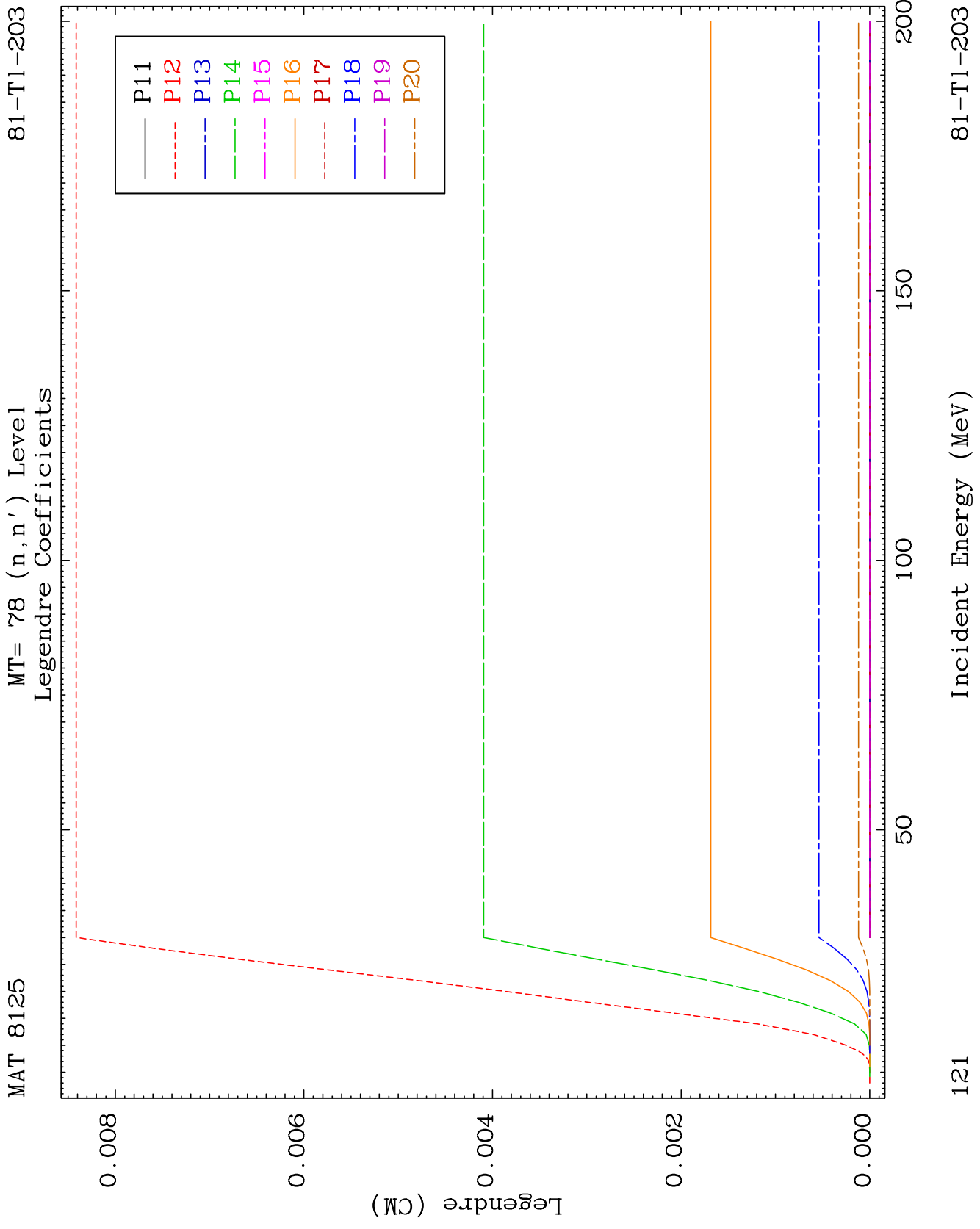
81-T1-203



81-T1-203

Incident Energy (MeV)

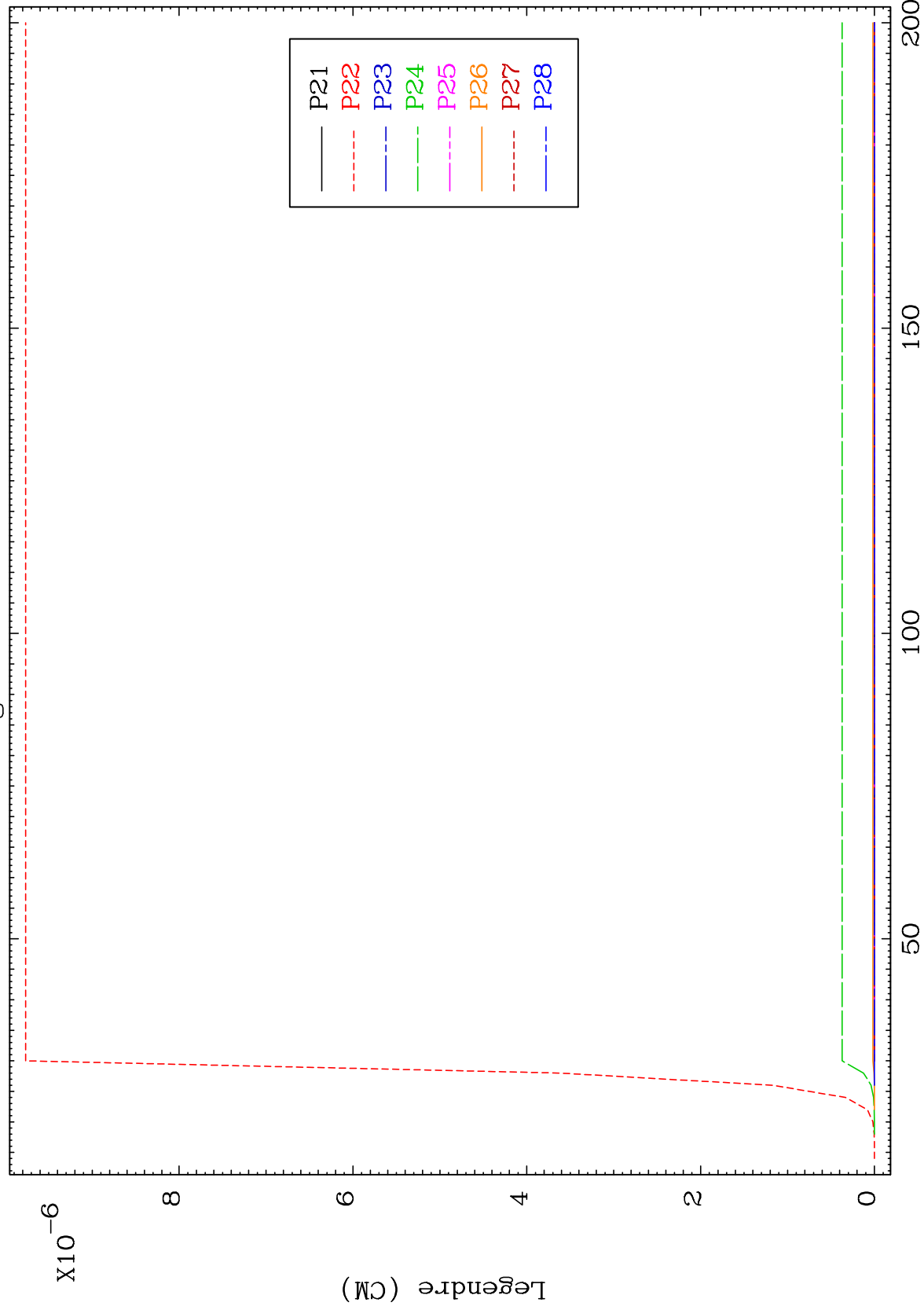
120



MAT 8125

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

81-T1-203



122

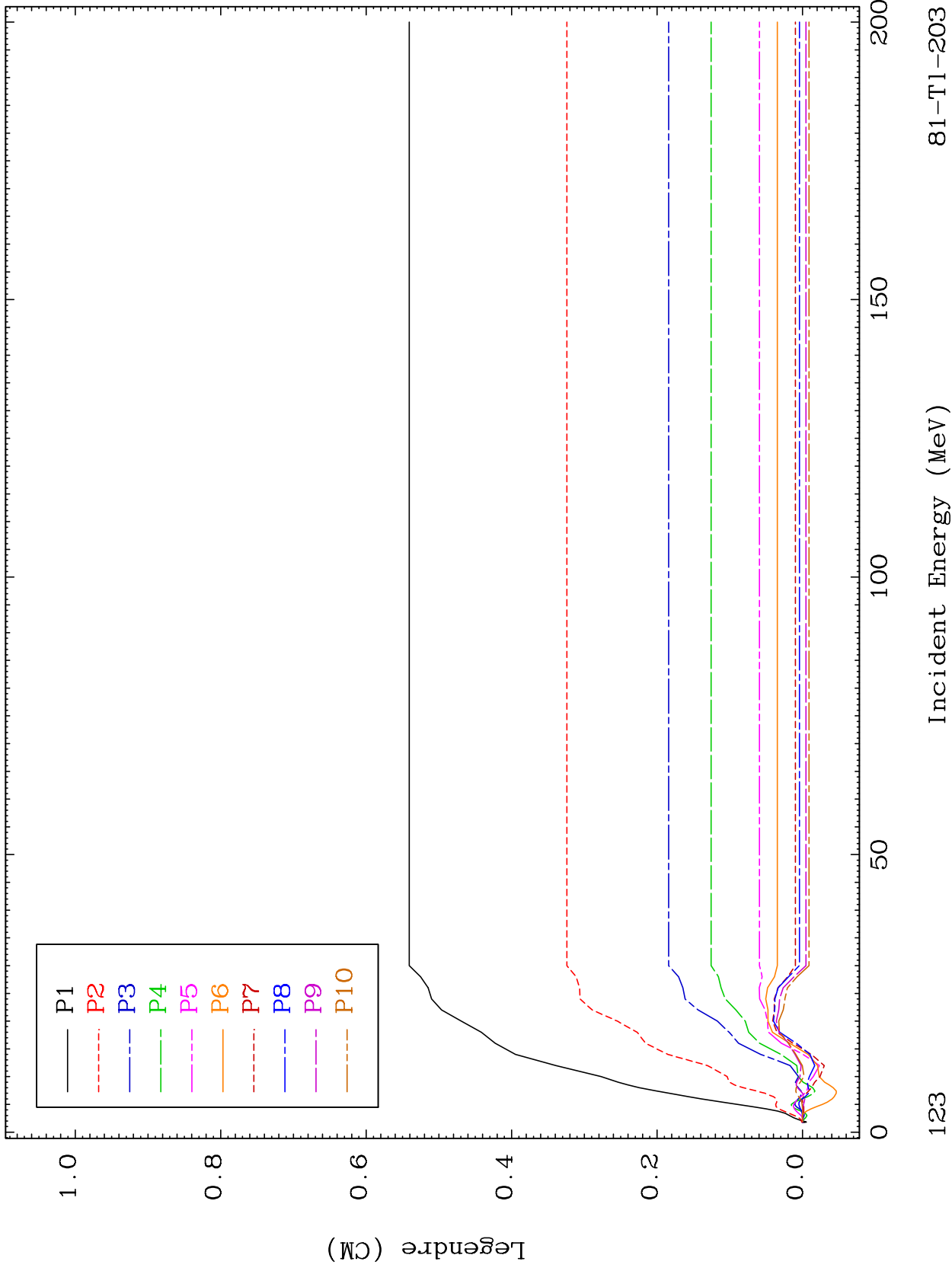
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



123

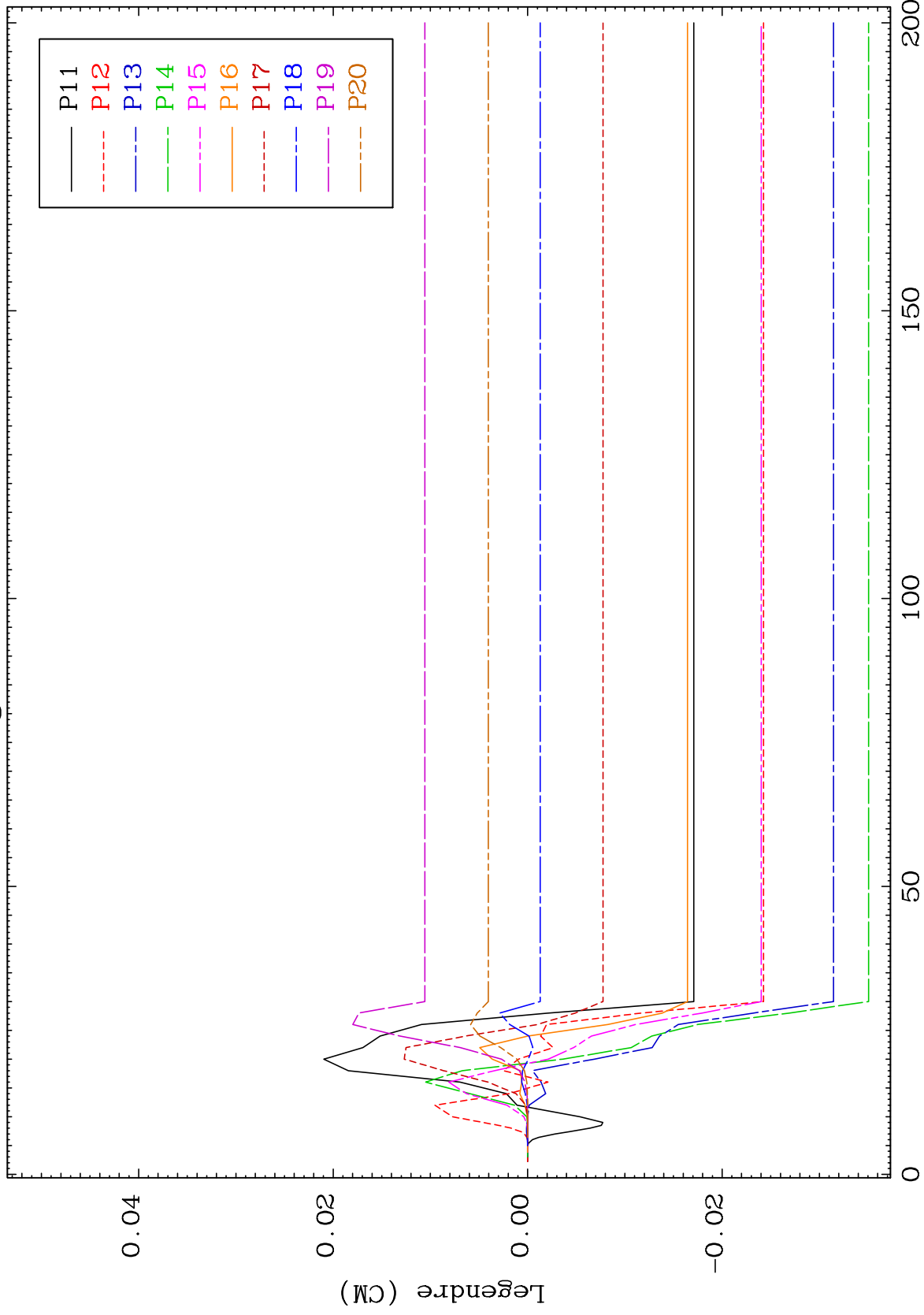
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



124

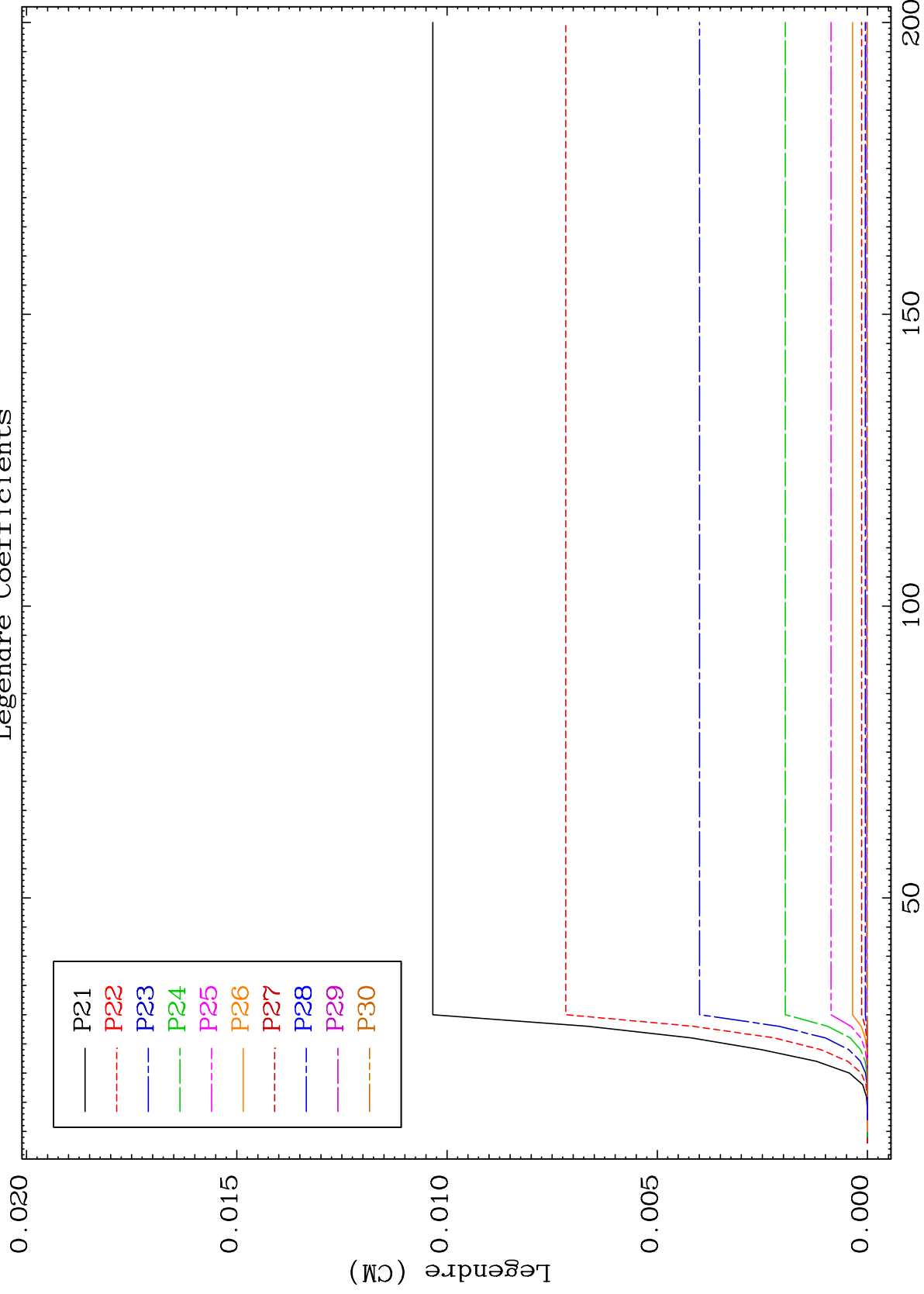
Incident Energy (MeV)

81-T1-203

MAT 8125

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

81-T1-203



125

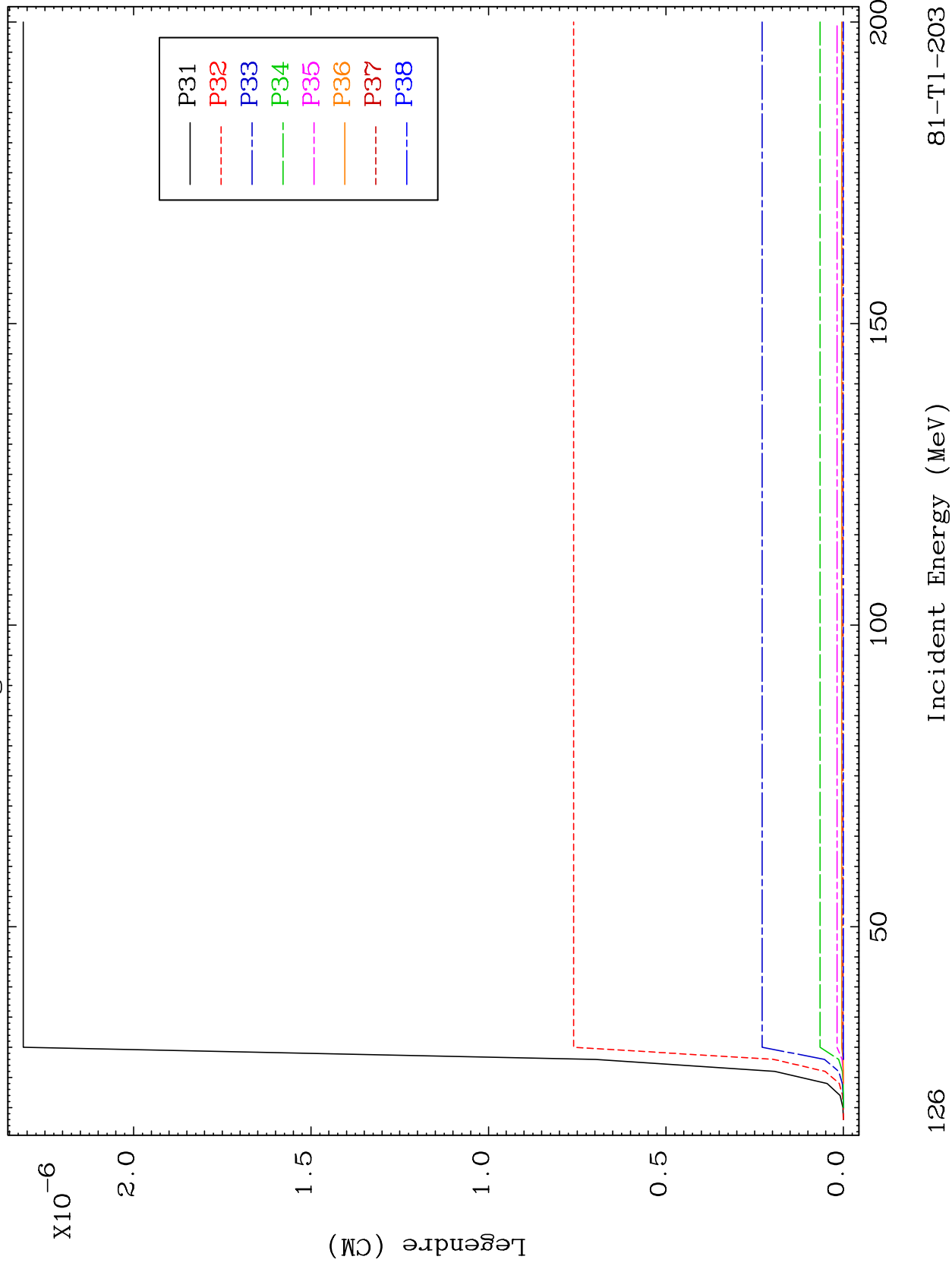
Incident Energy (MeV)

81-T1-203

MAT 8125

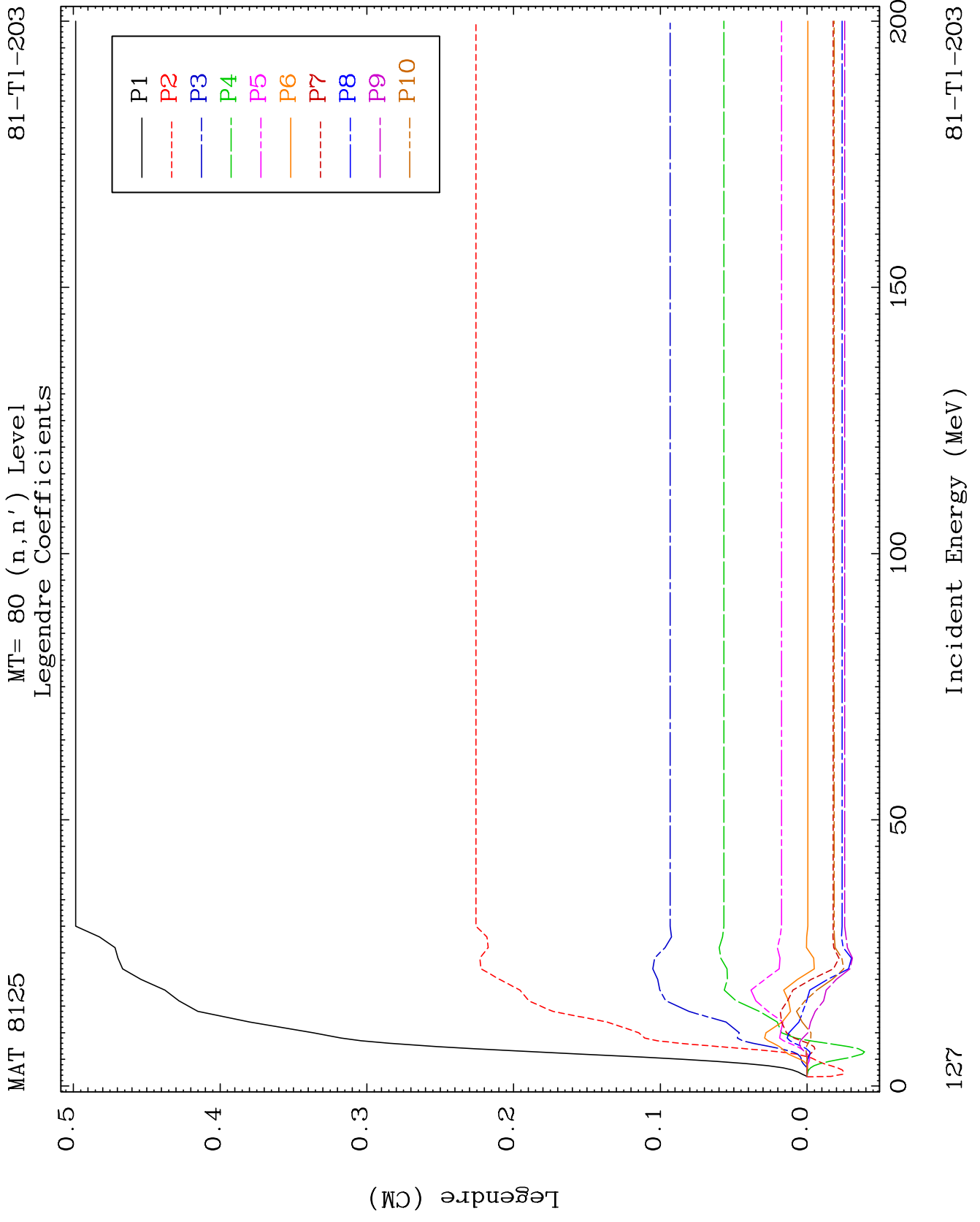
MT= 79 (n,n') Level  
Legendre Coefficients

81-T1-203



126

81-T1-203

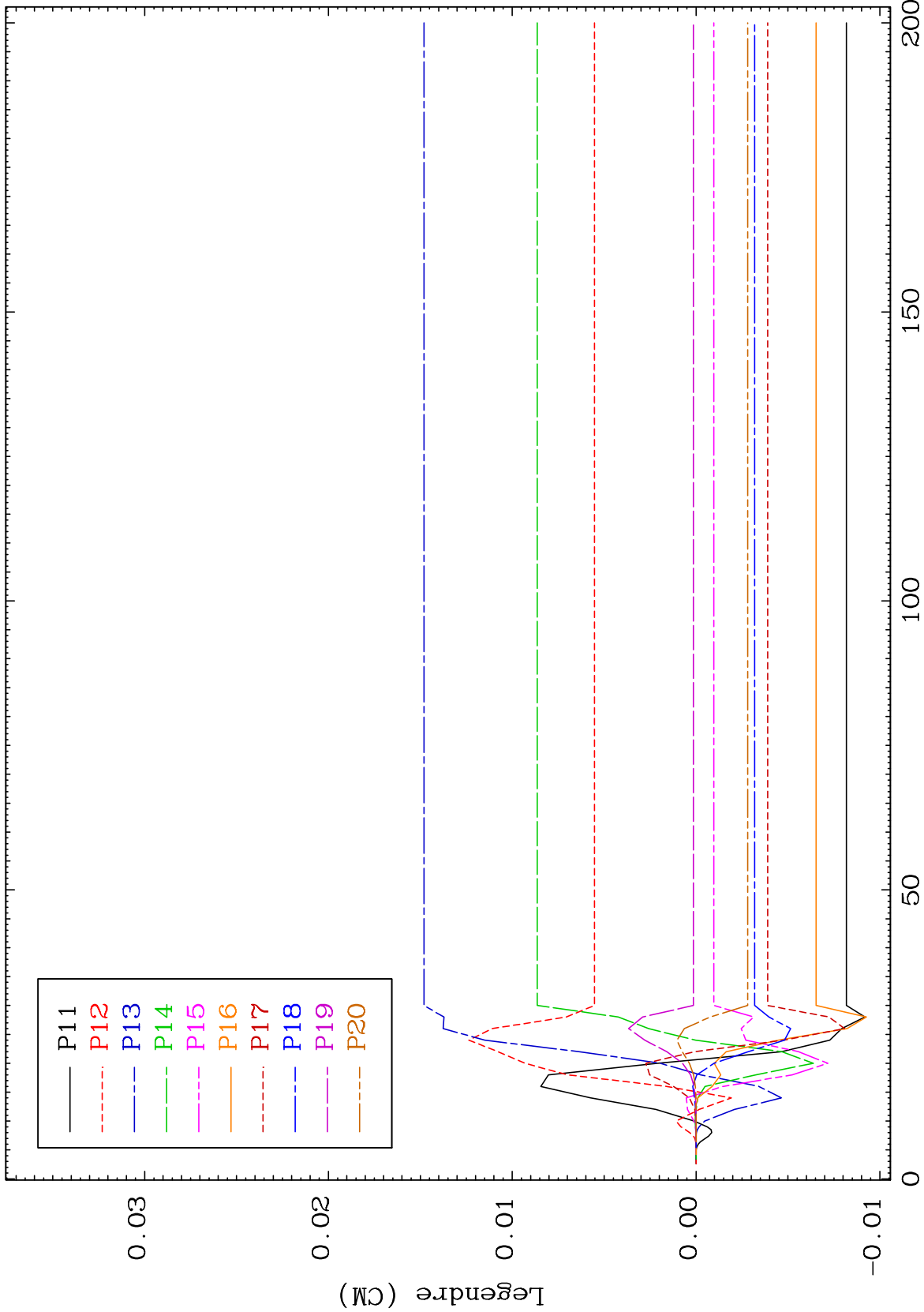




MAT 8125

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

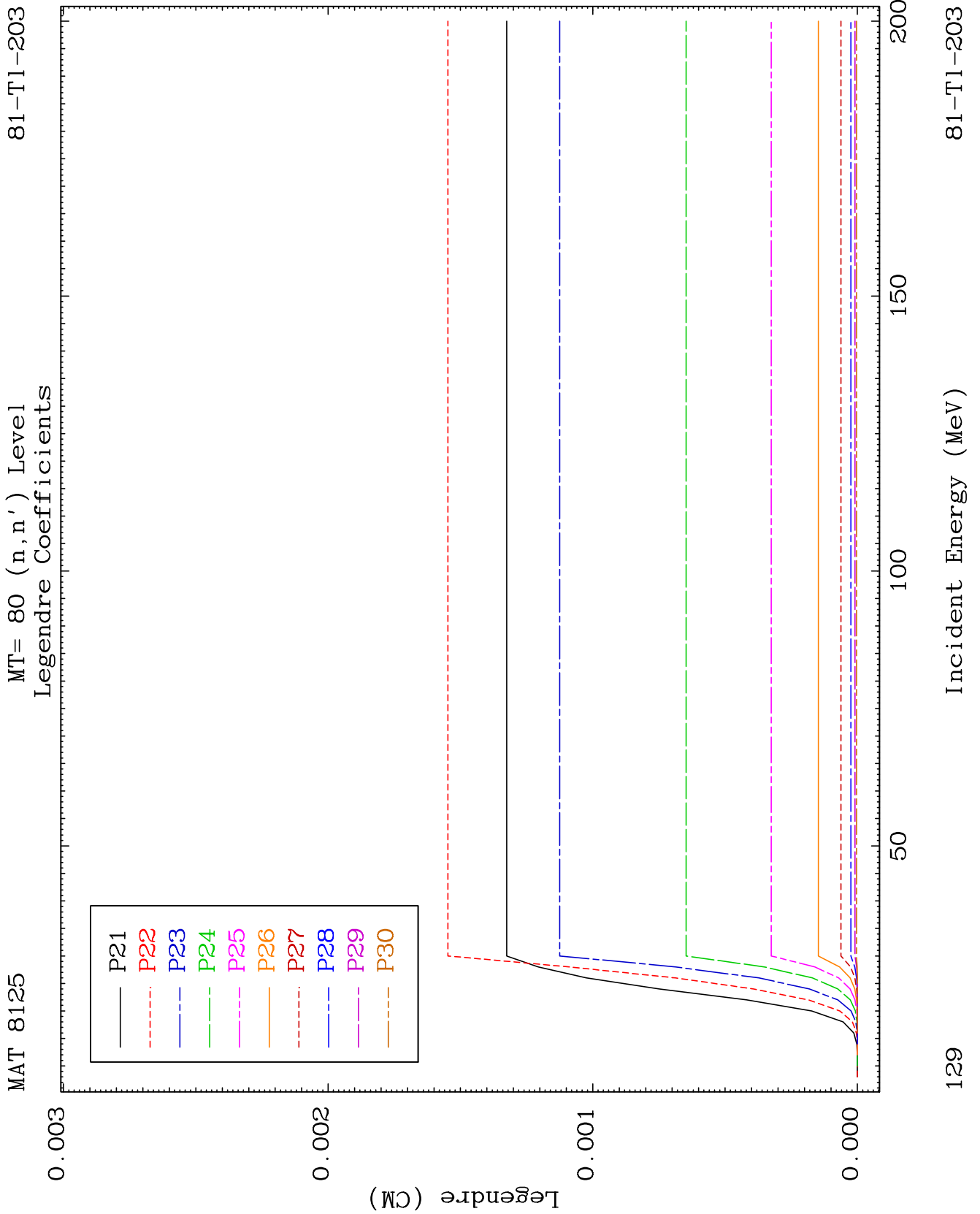
81-T1-203



128

Incident Energy (MeV)

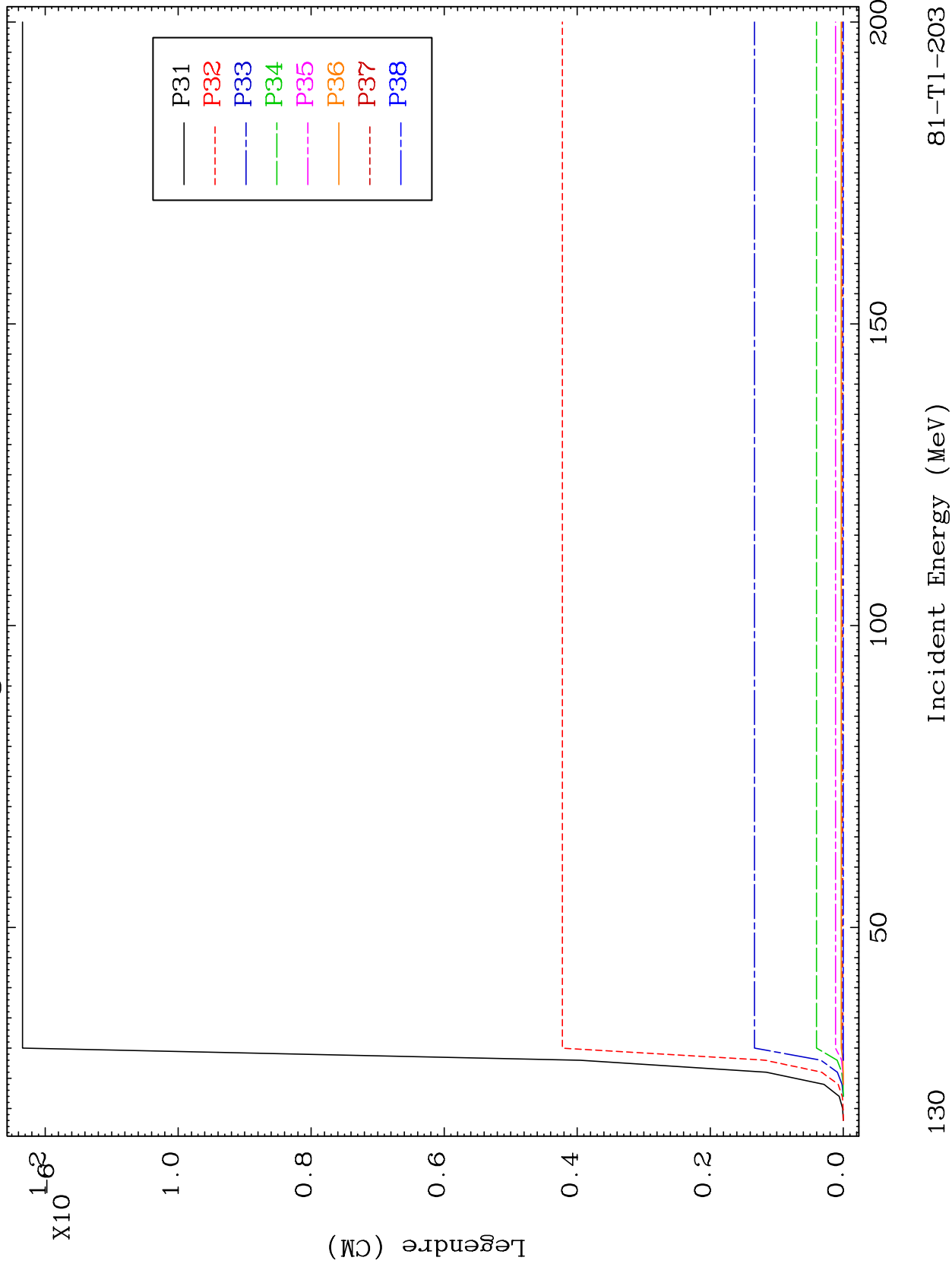
81-T1-203



MAT 8125

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

81-T1-203



130

Incident Energy (MeV)

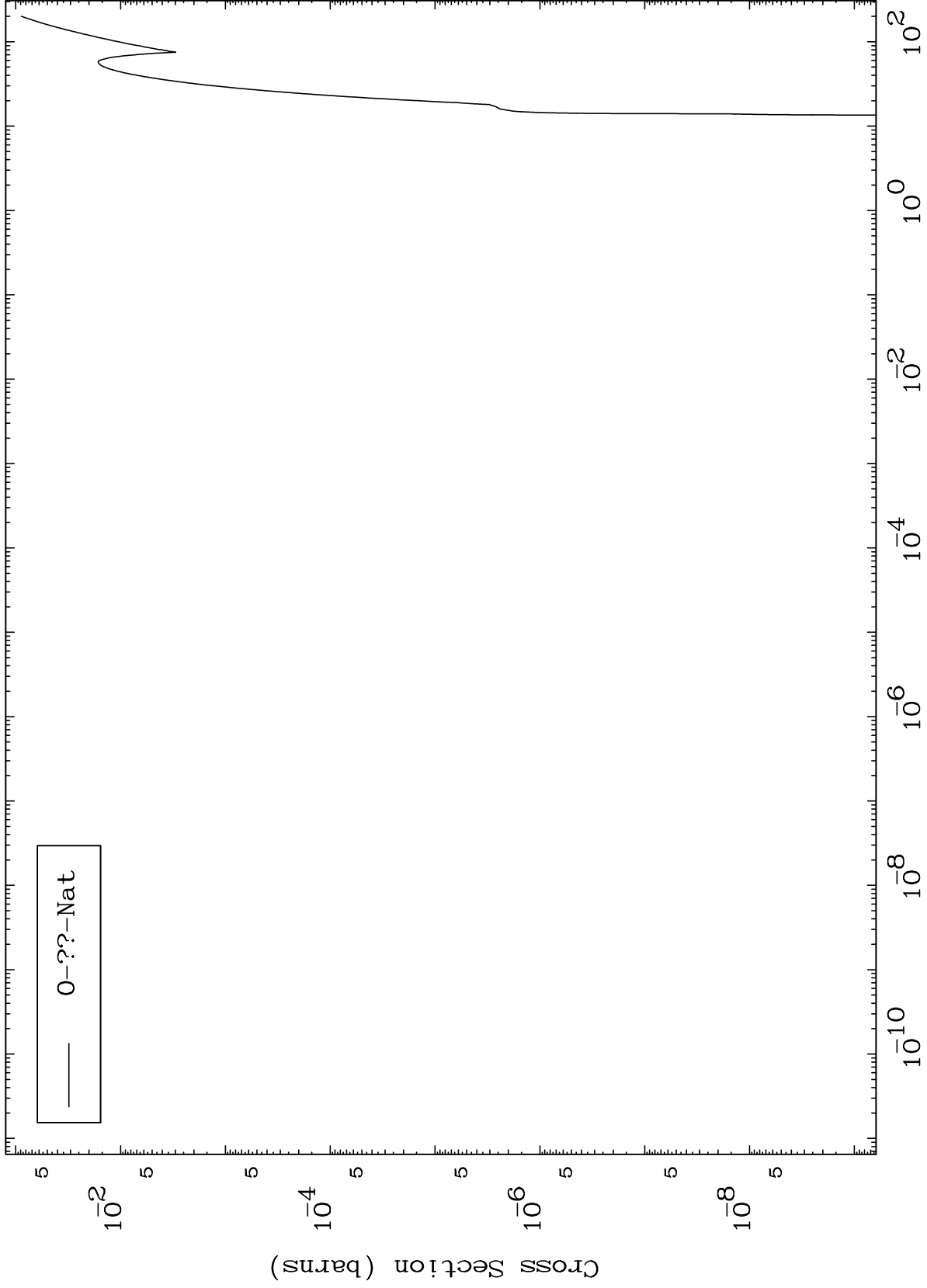
81-T1-203

MAT 8125

Fission

81-Tl-203

Radionuclide Production Cross Section



131

Incident Energy (MeV)

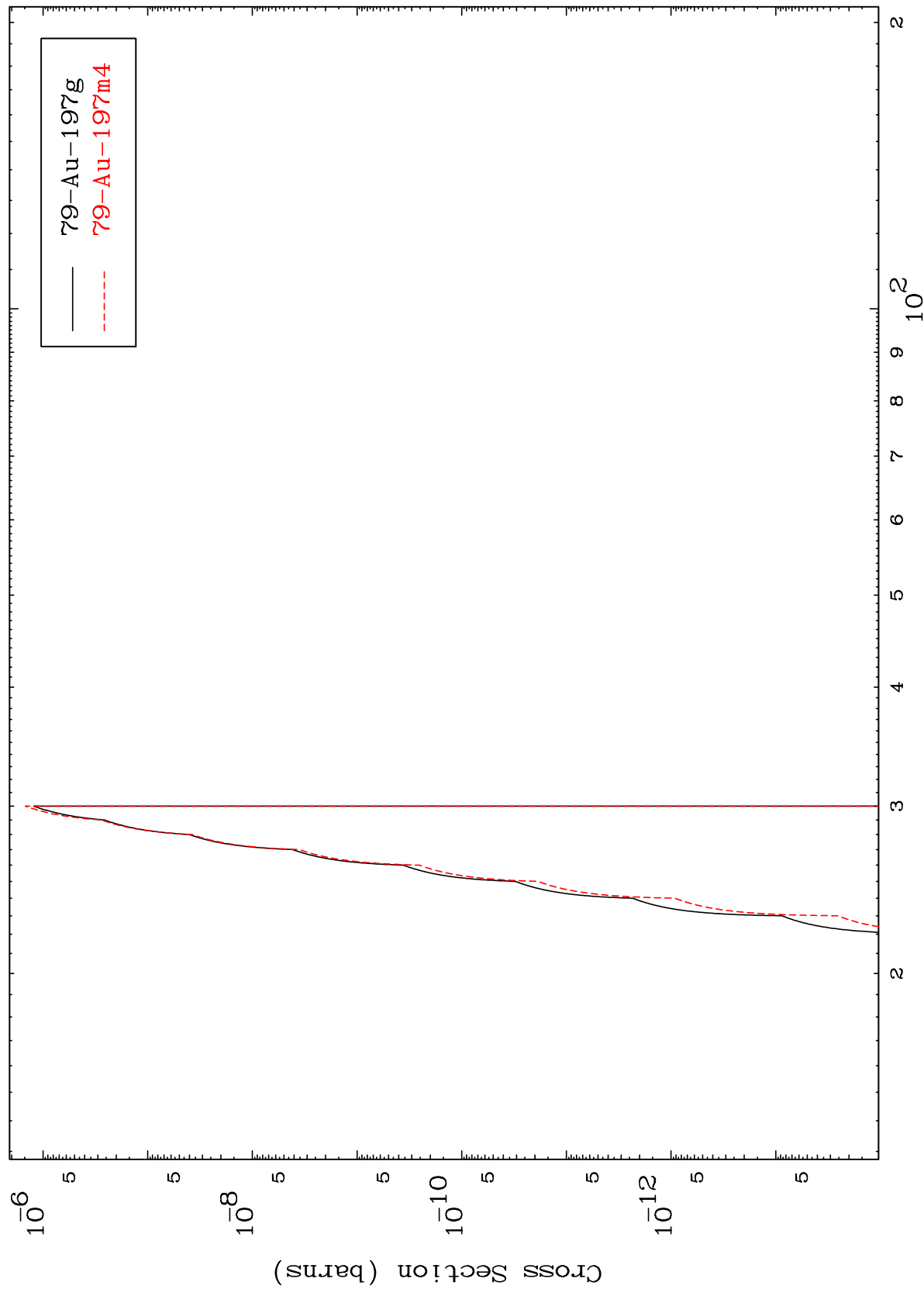
81-Tl-203

MAT 8125

(n,3n)  $\alpha$

81-Tl-203

Radionuclide Production Cross Section



132

Incident Energy (MeV)

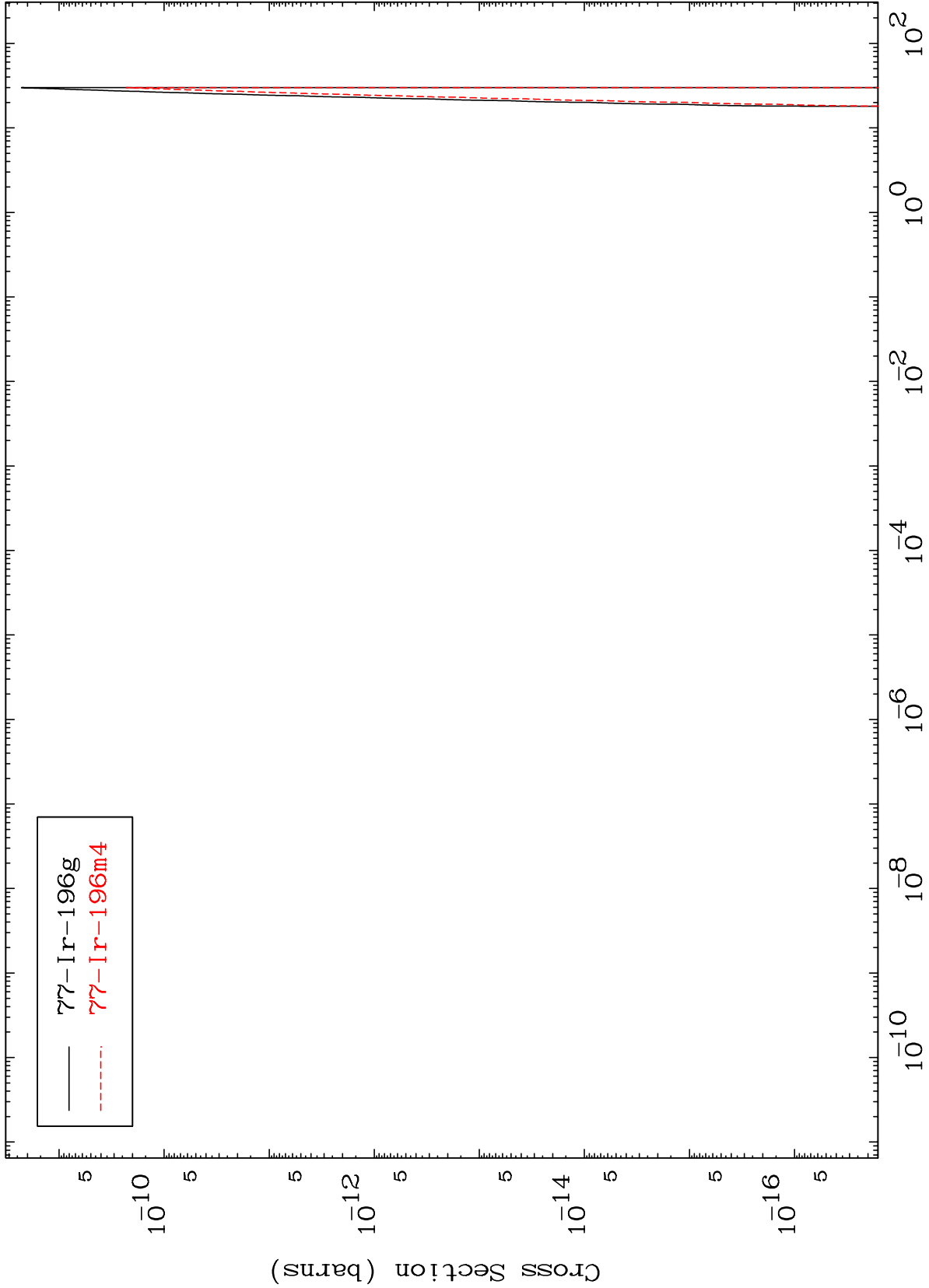
81-Tl-203

MAT 8125

(n,2α)

81-Tl-203

Radionuclide Production Cross Section



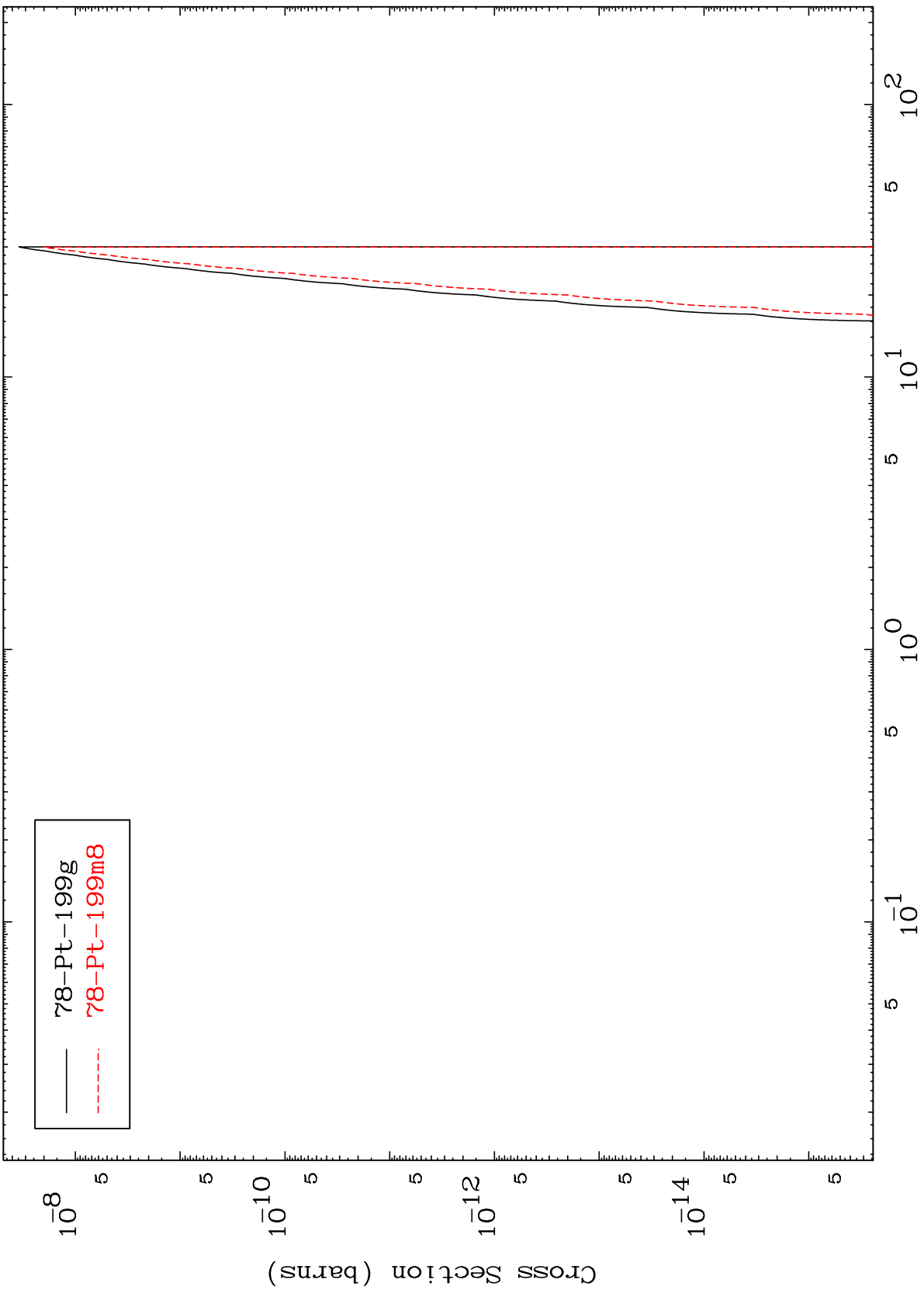
77-Ir-196g  
77-Ir-196m4

MAT 8125

(n,p)  $\alpha$

81-Tl-203

Radionuclide Production Cross Section



134

Incident Energy (MeV)

81-Tl-203