

Program EVALPLOT  
(Version 2021-1)

by

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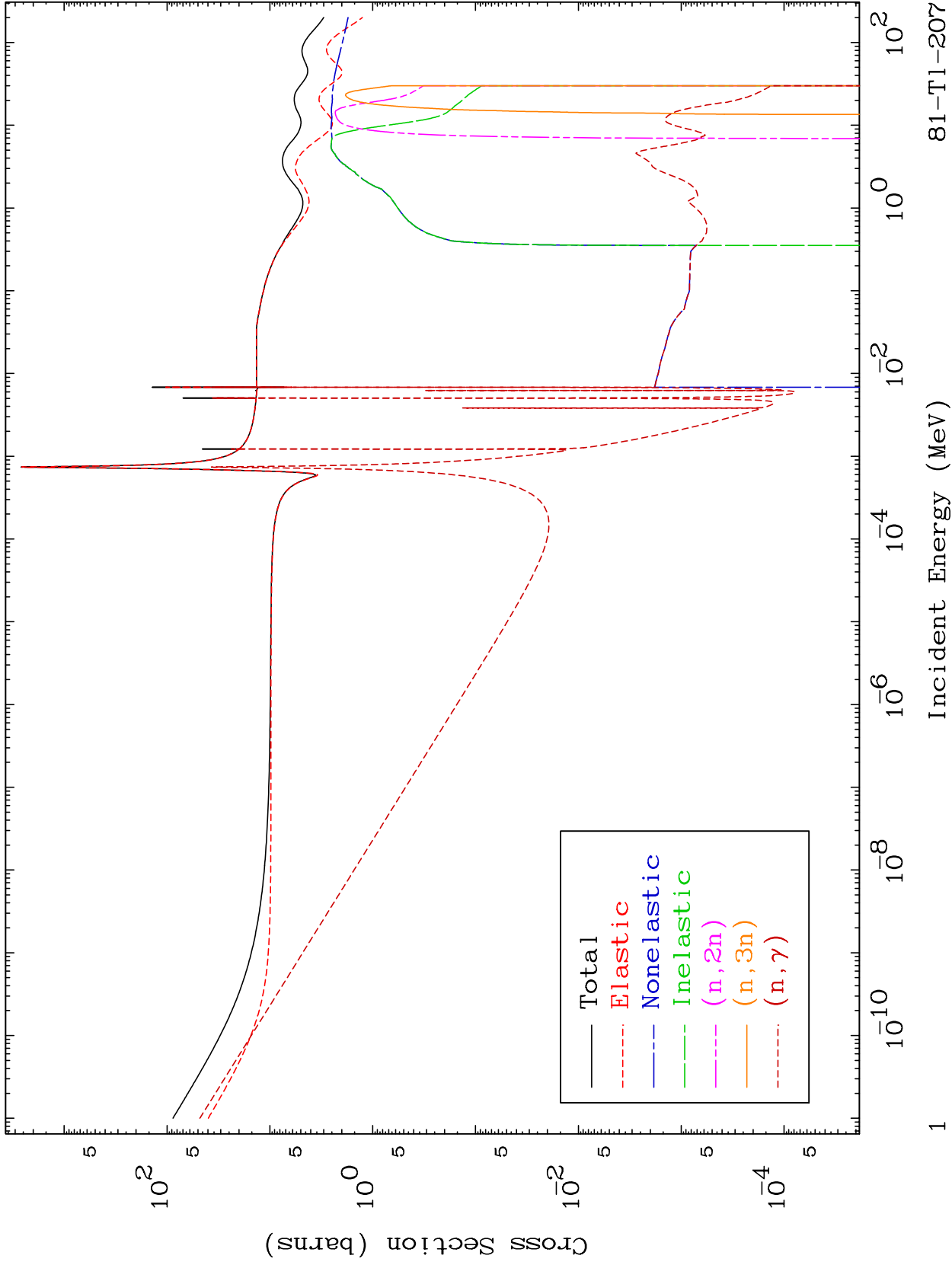
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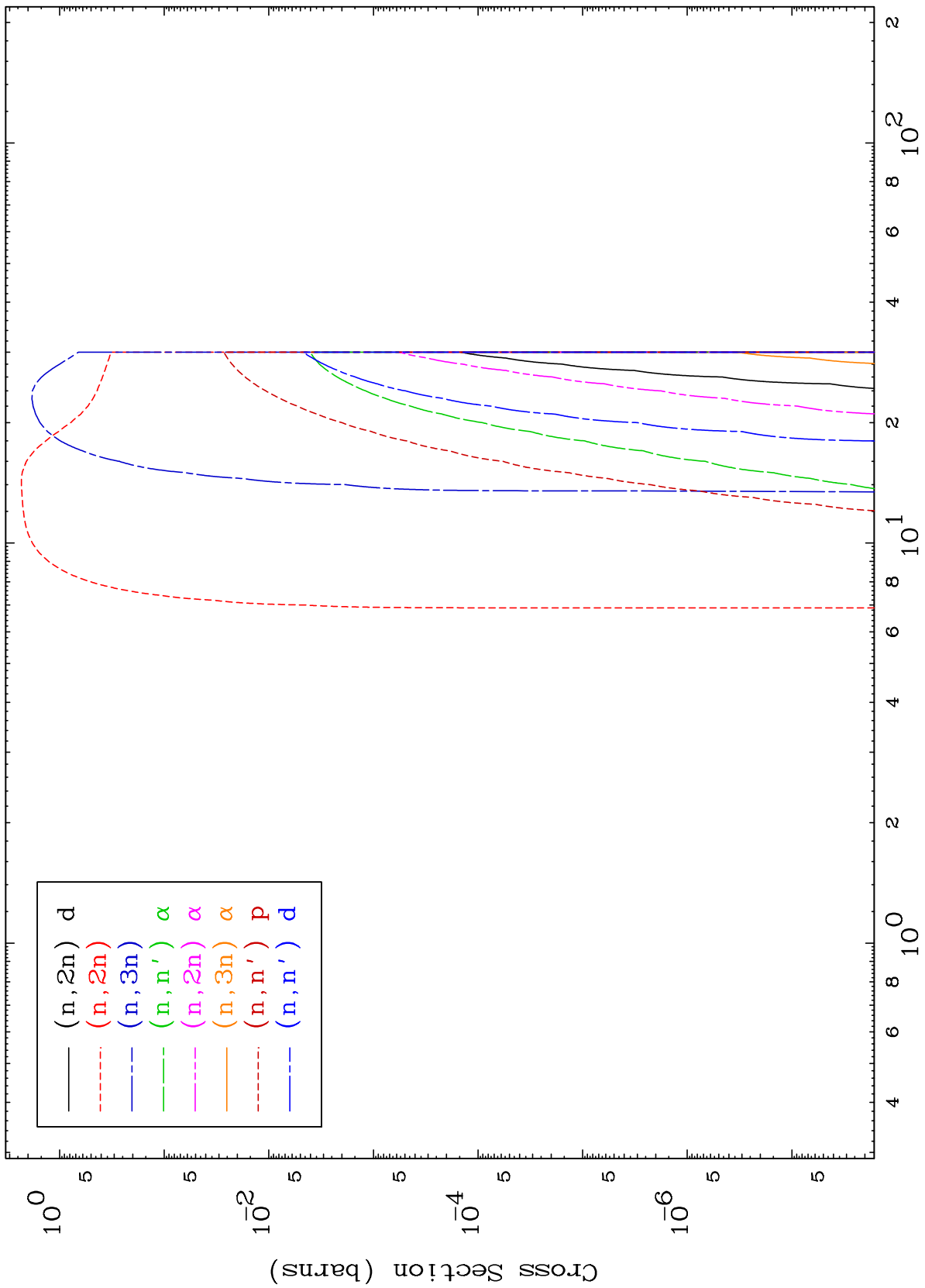
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MAT 8137

Neutron Major  
293 Kelvin Cross Sections

81-Tl-207

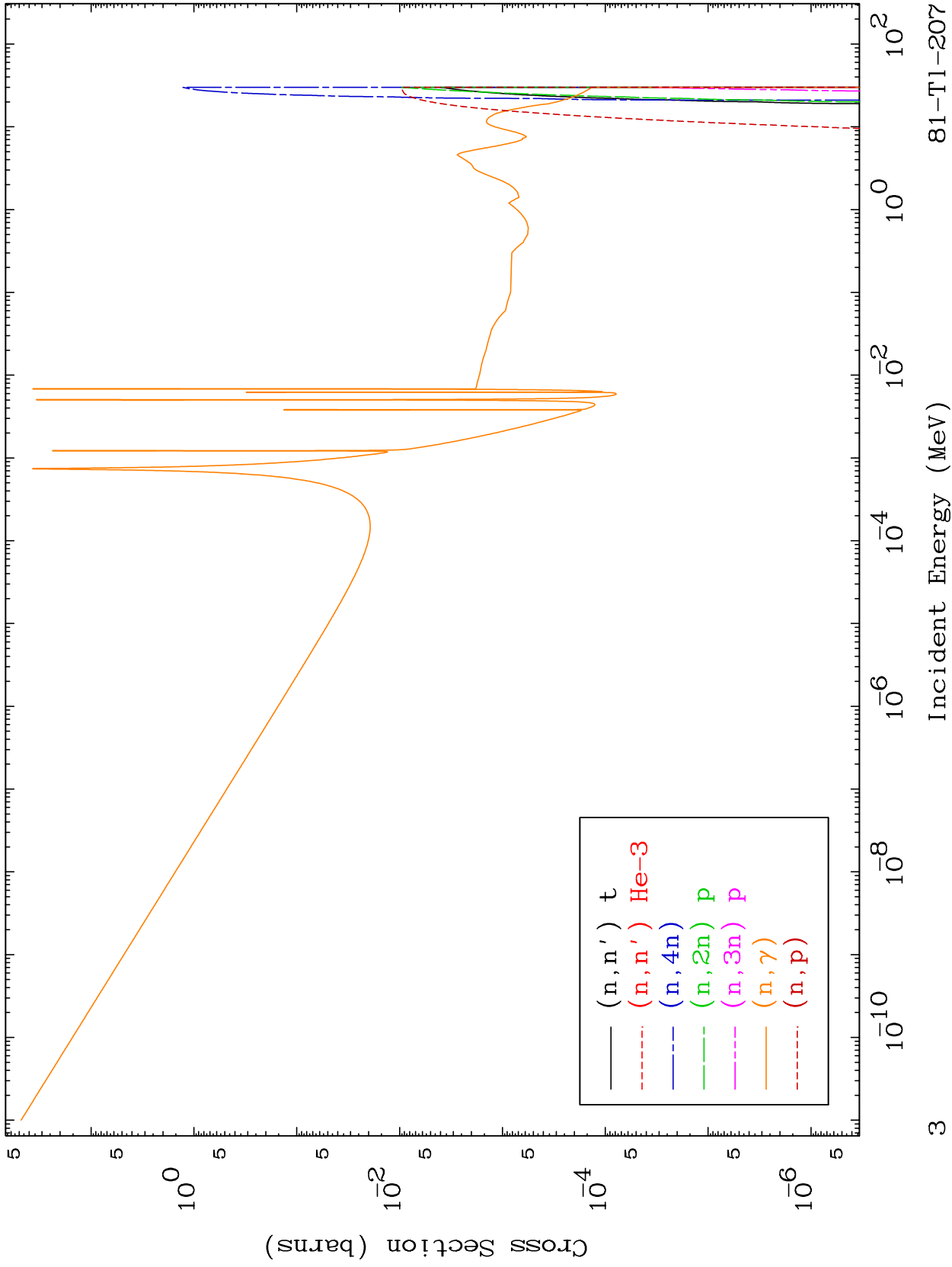




MAT 8137

Neutron Absorption  
293 Kelvin Cross Sections

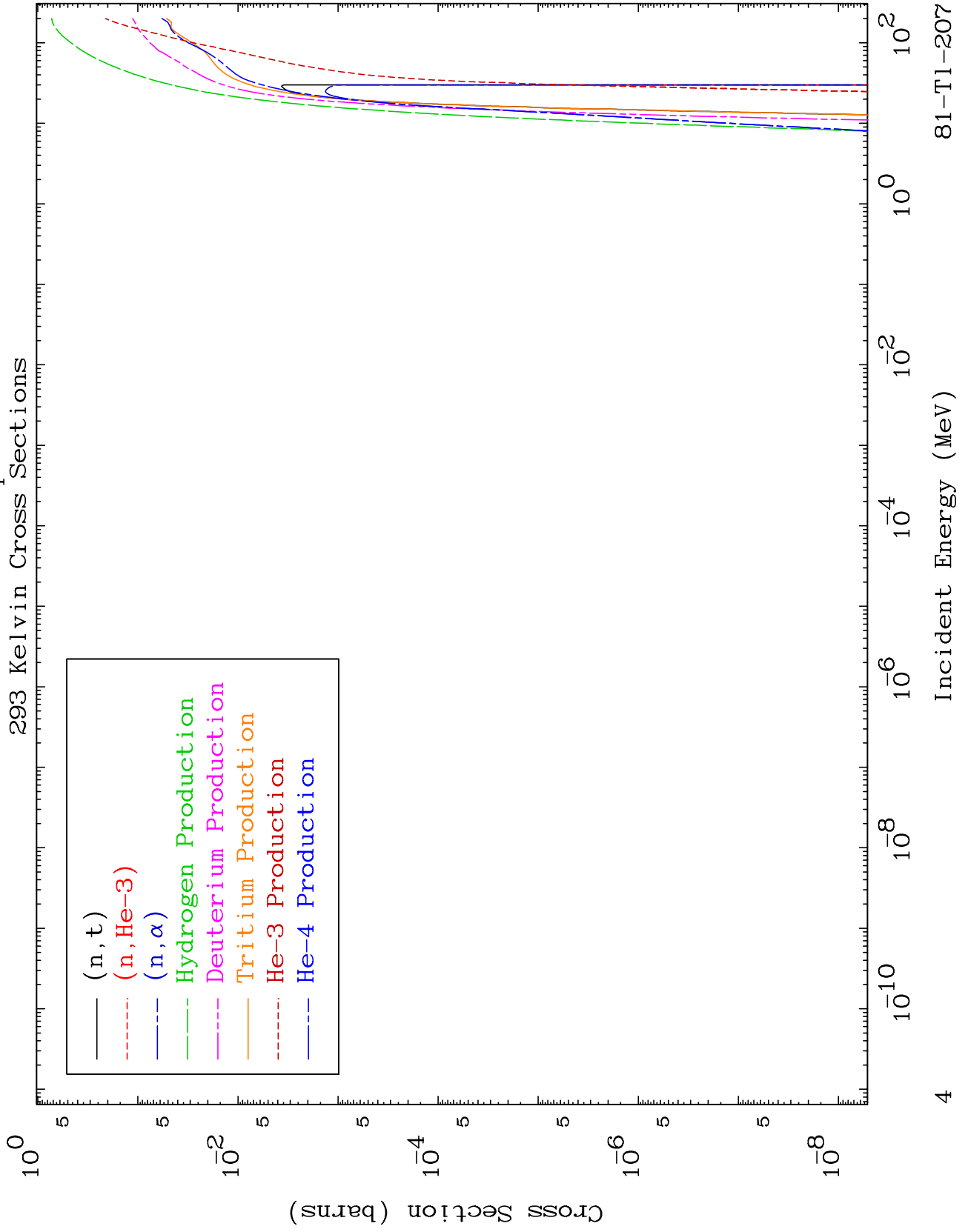
81-Tl-207

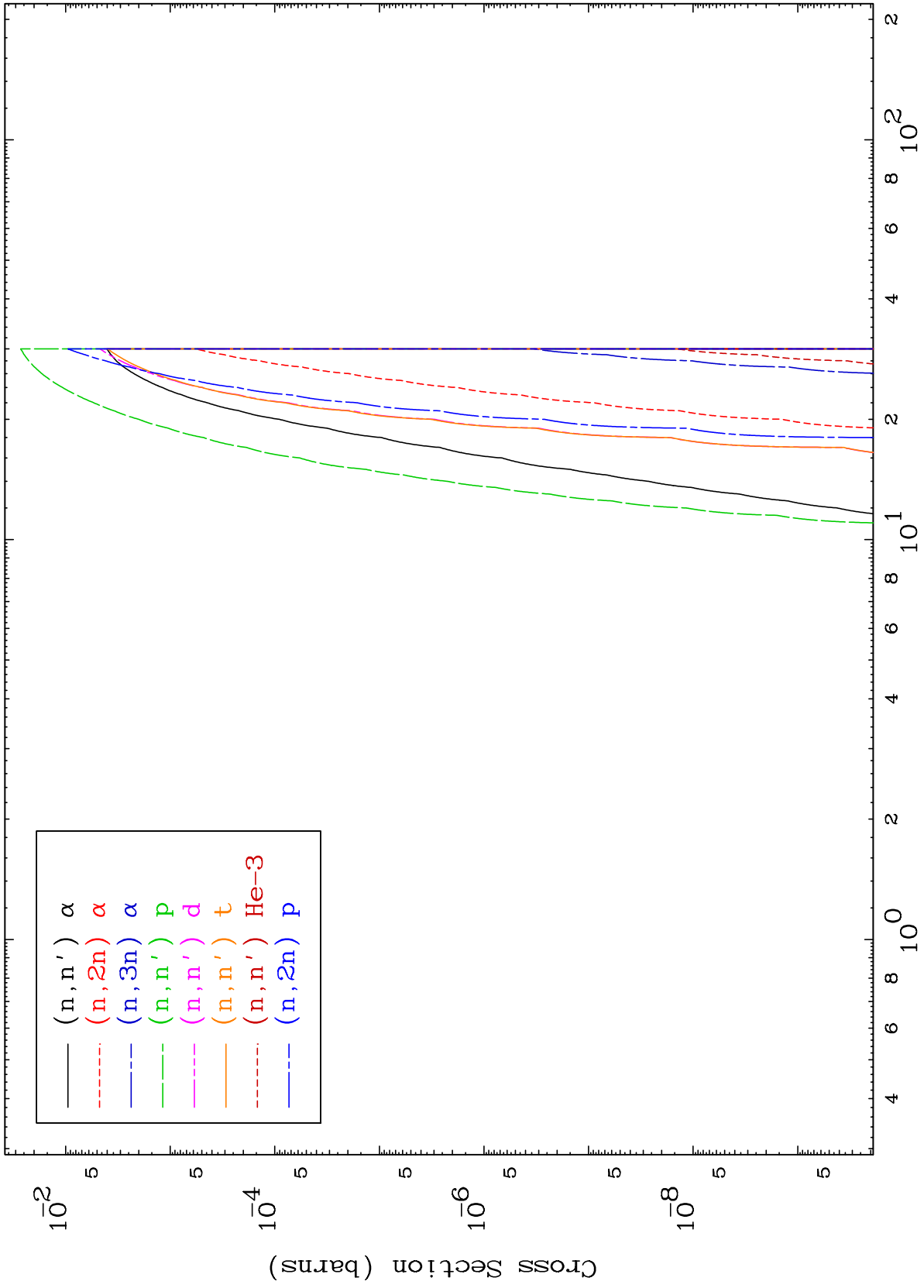


MAT 8137

Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-207

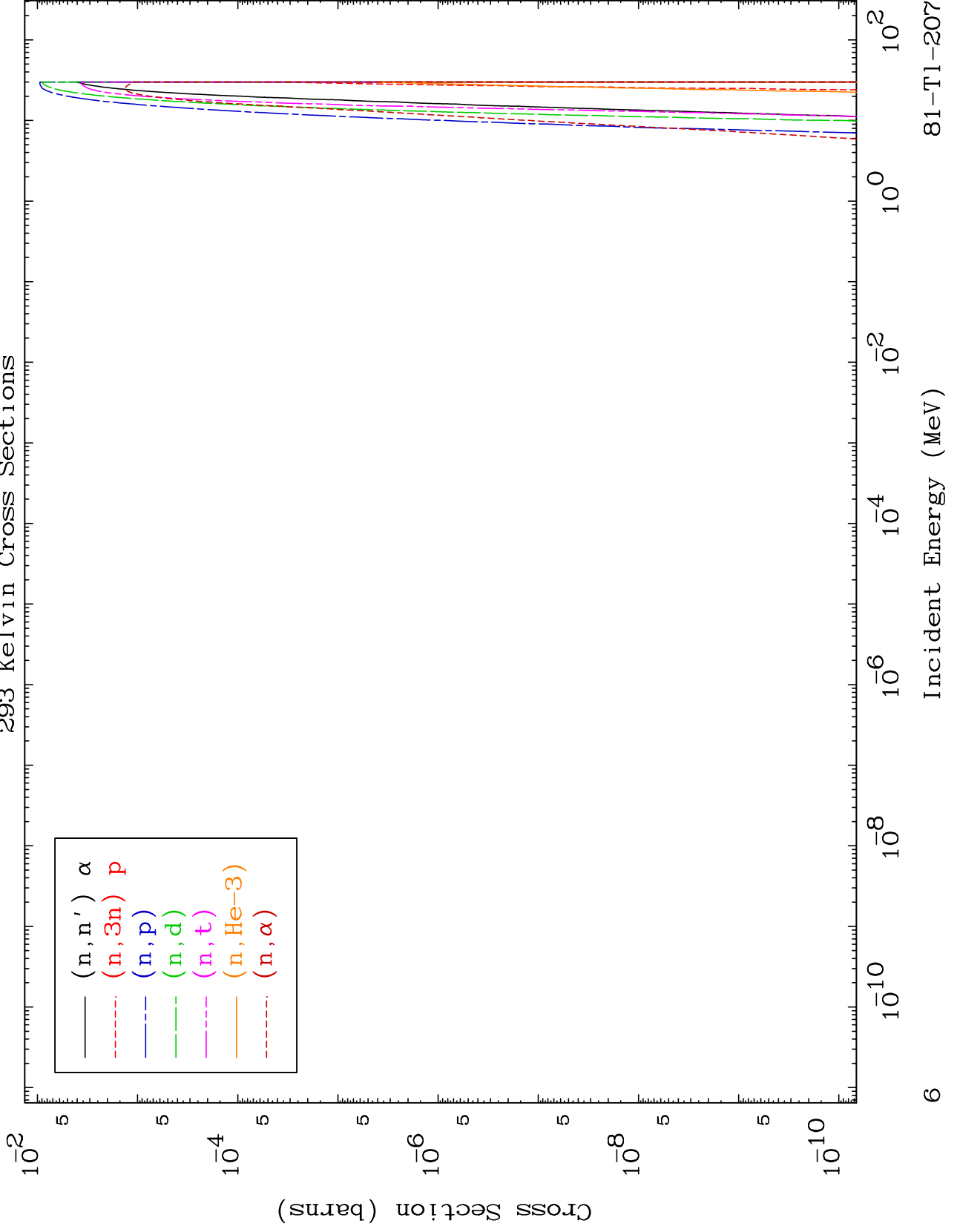




MAT 8137

Charged Particle  
293 Kelvin Cross Sections

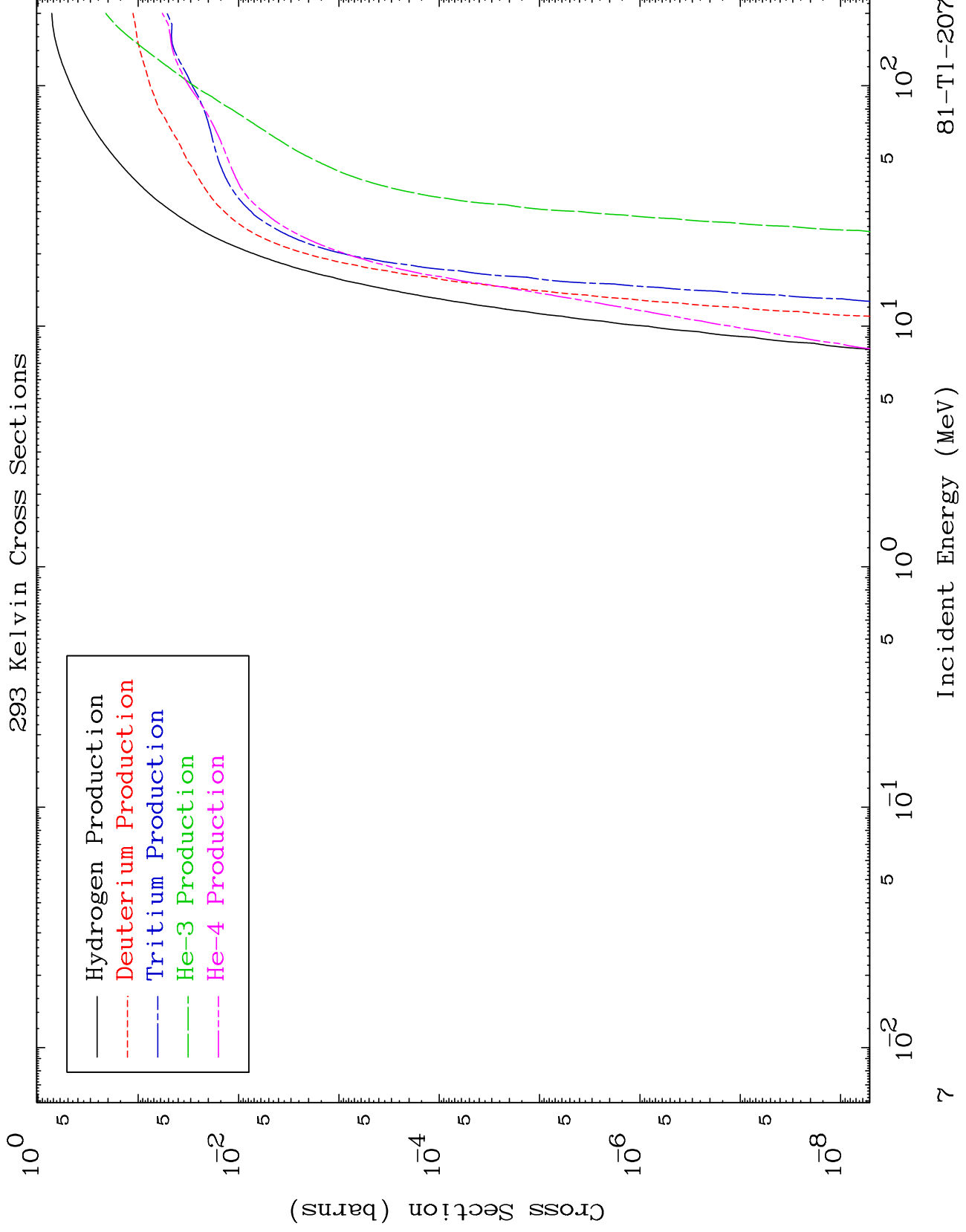
81-Tl-207



MAT 8137

Particle Production  
293 Kelvin Cross Sections

81-T1-207



7

Incident Energy (MeV)

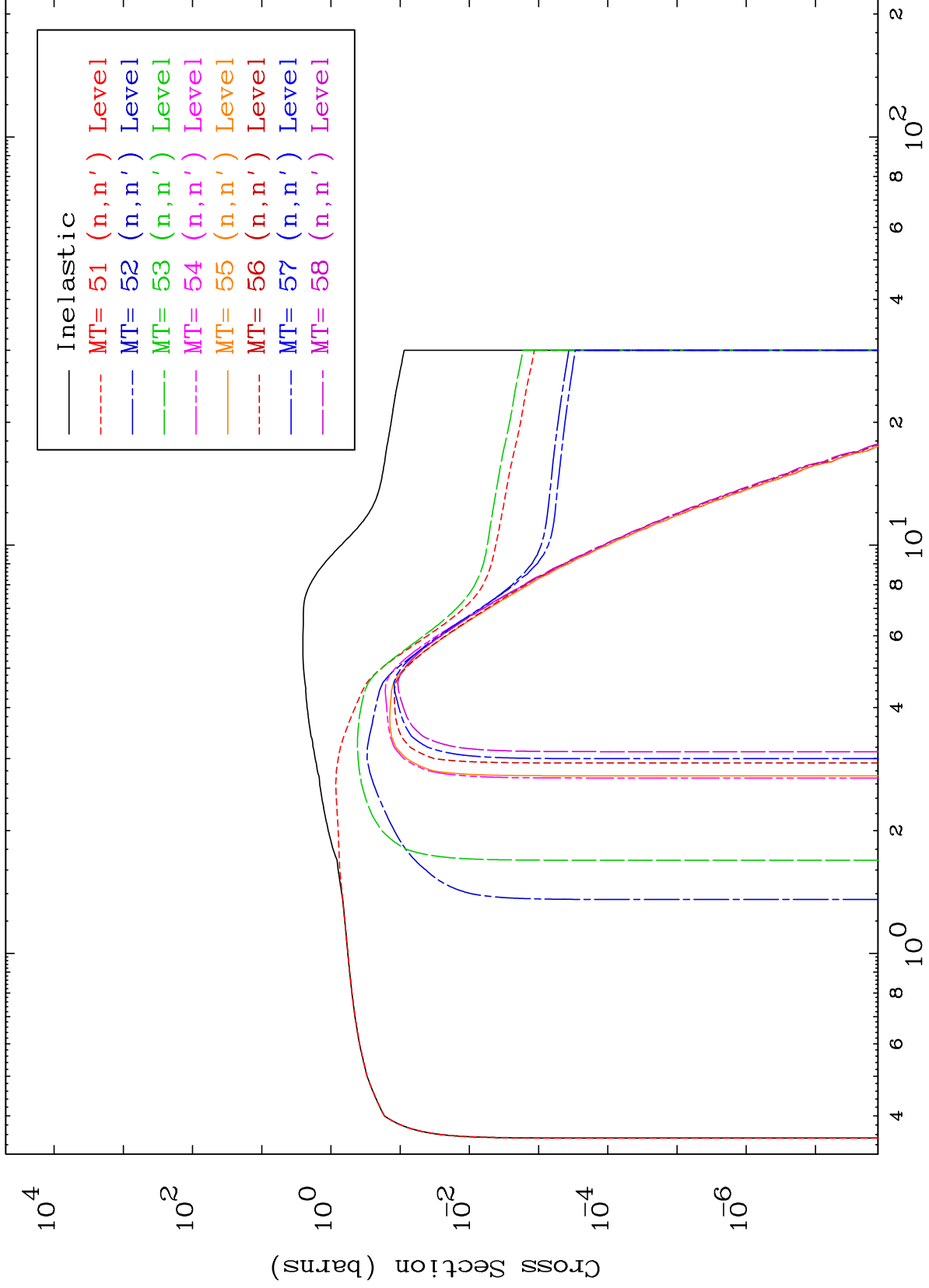
81-T1-207

MAT 8137

(n,n') Levels

81-Tl-207

293 Kelvin Cross Sections



8

Incident Energy (MeV)

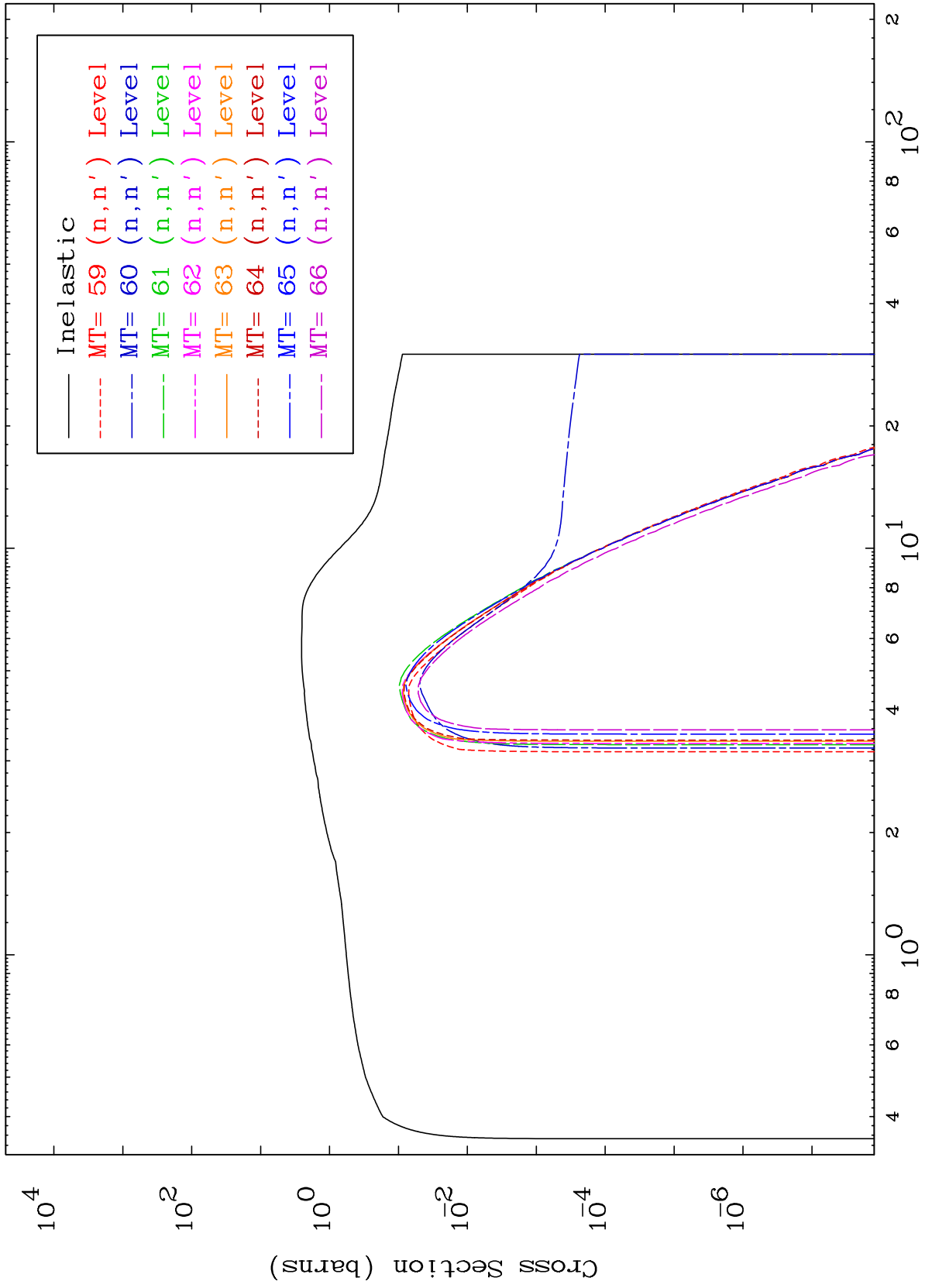
81-Tl-207

MAT 8137

(n,n') Levels

81-Tl-207

293 Kelvin Cross Sections

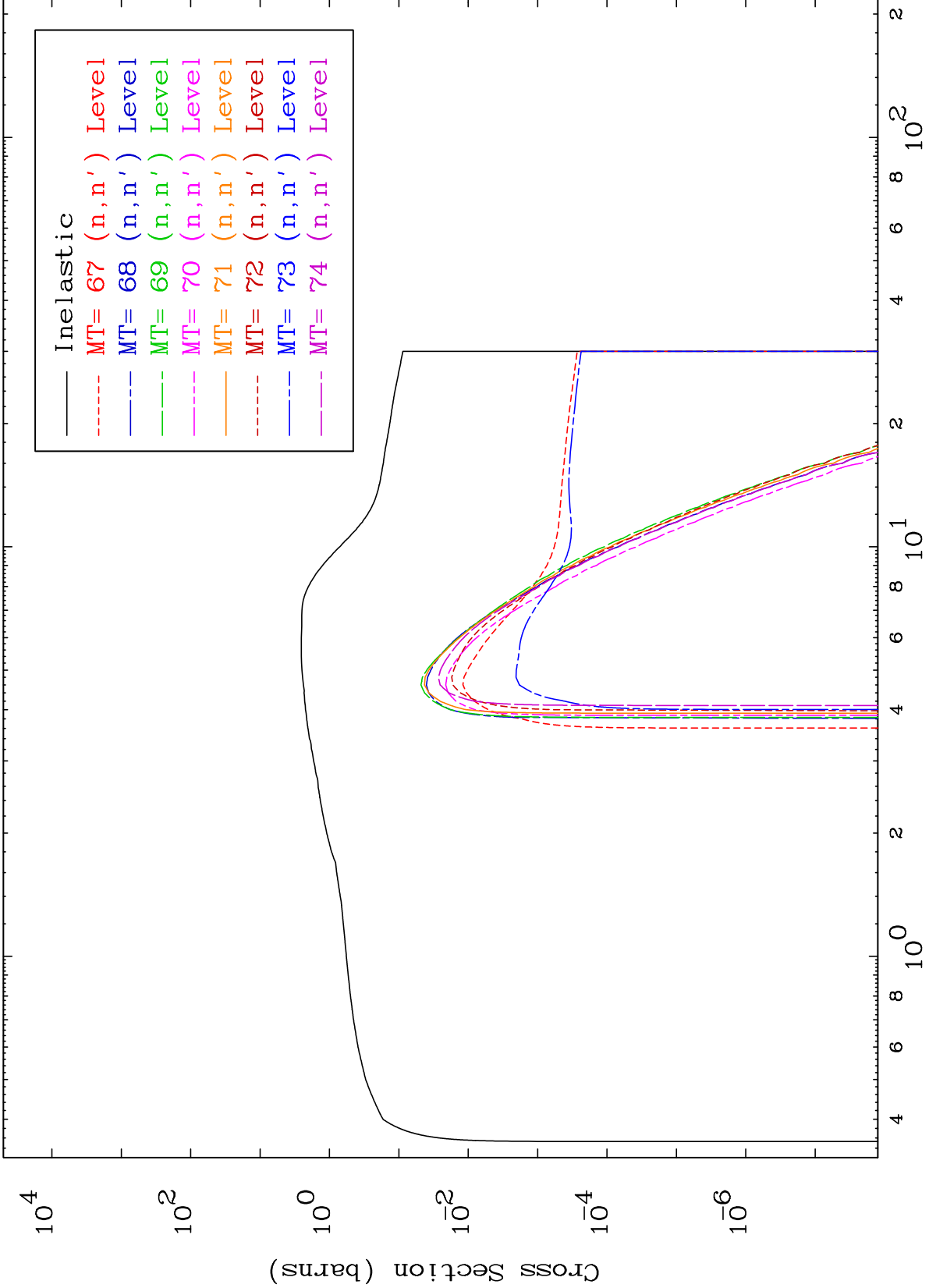


MAT 8137

(n,n') Levels

81-Tl-207

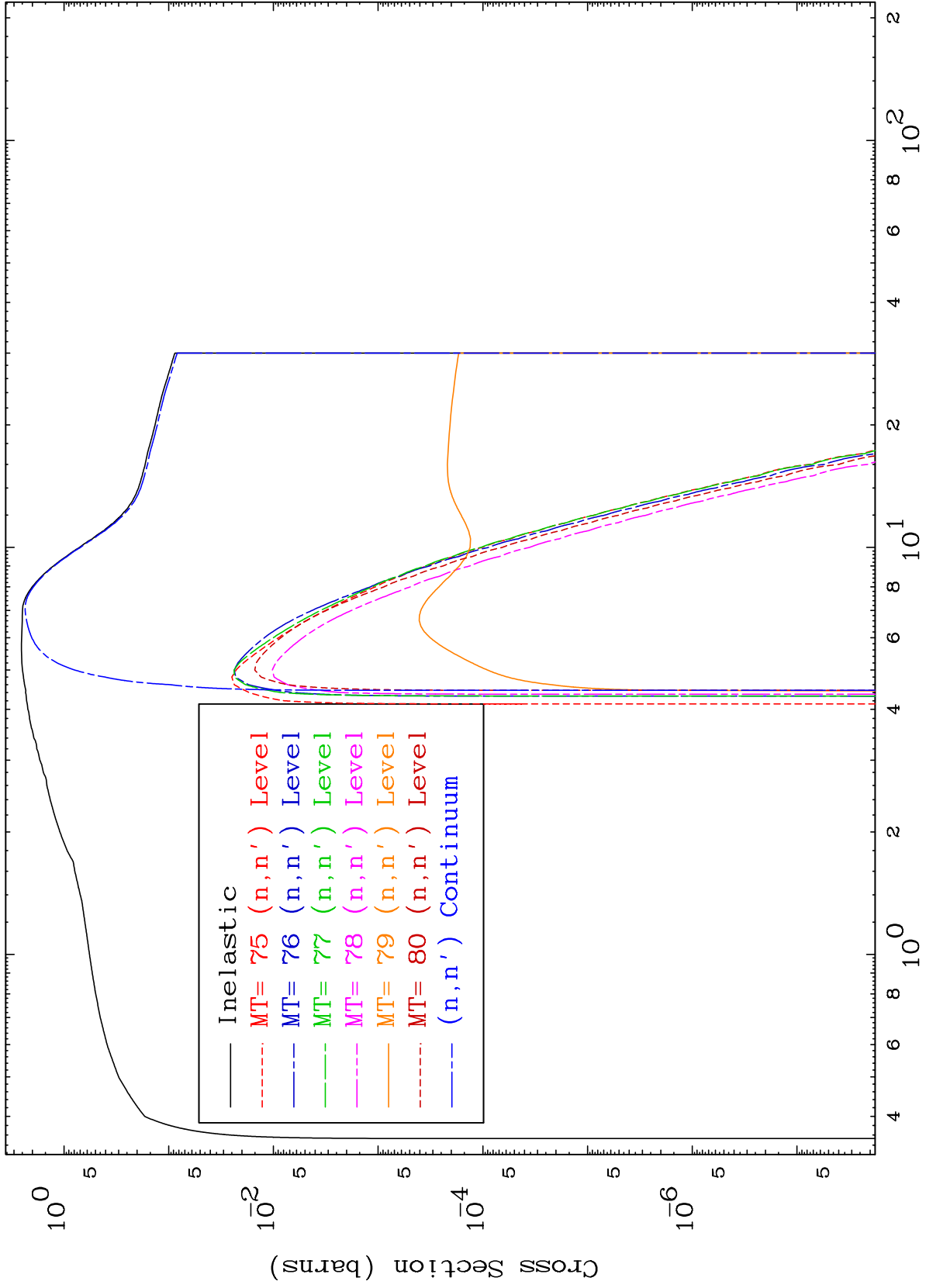
293 Kelvin Cross Sections



10

Incident Energy (MeV)

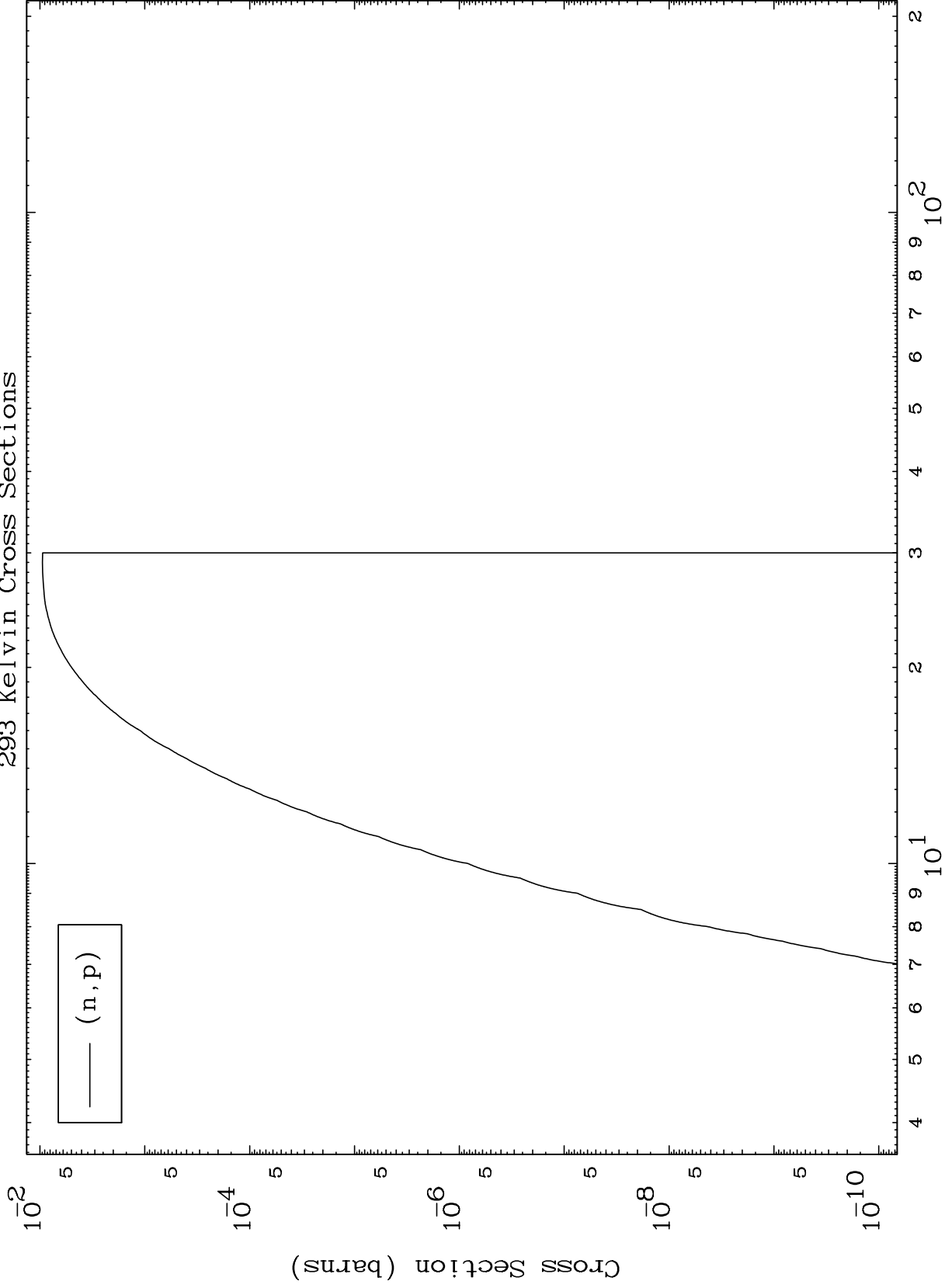
81-Tl-207



MAT 8137

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-207



12

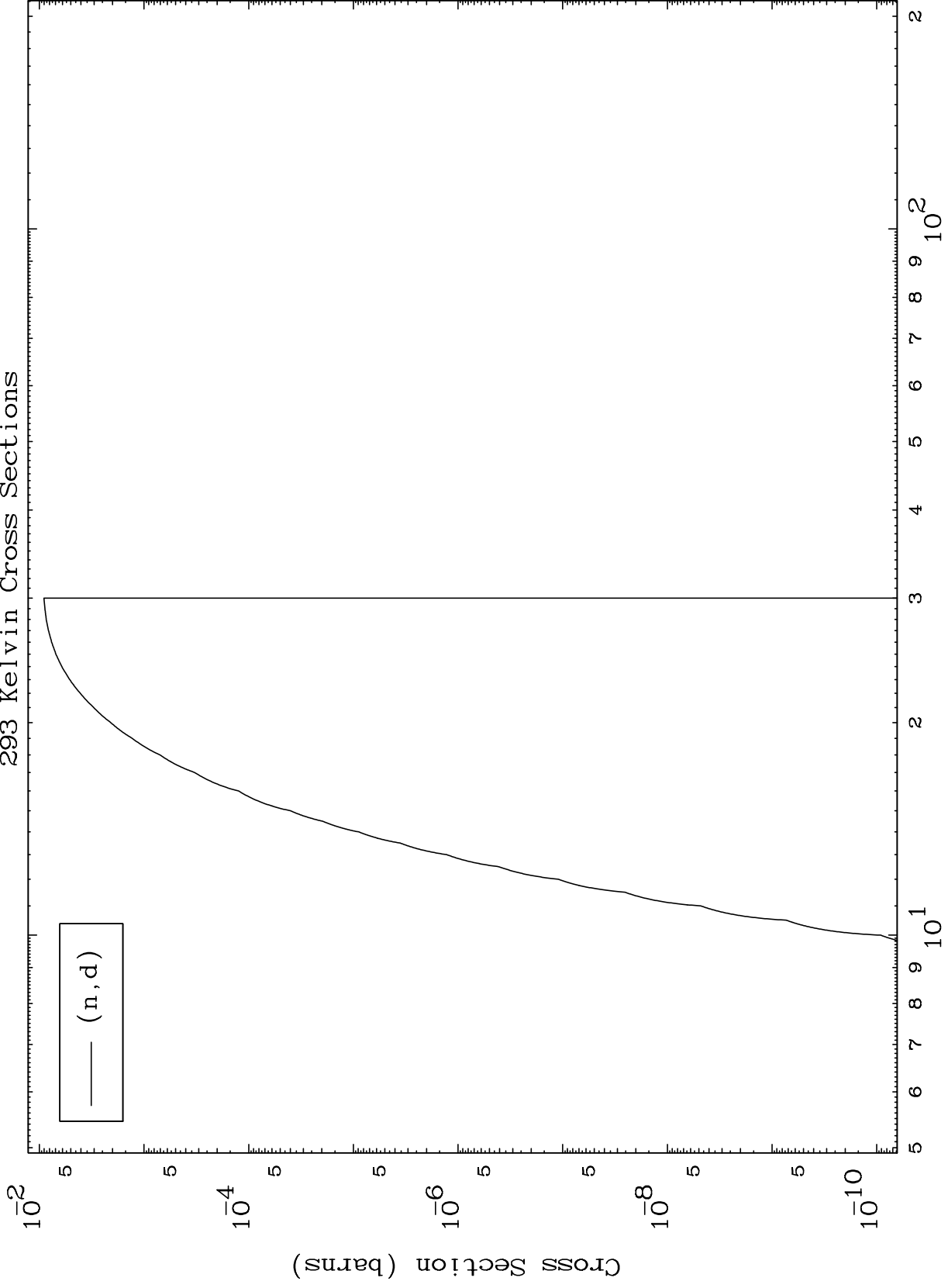
Incident Energy (MeV)

81-Tl-207

MAT 8137

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-207



13

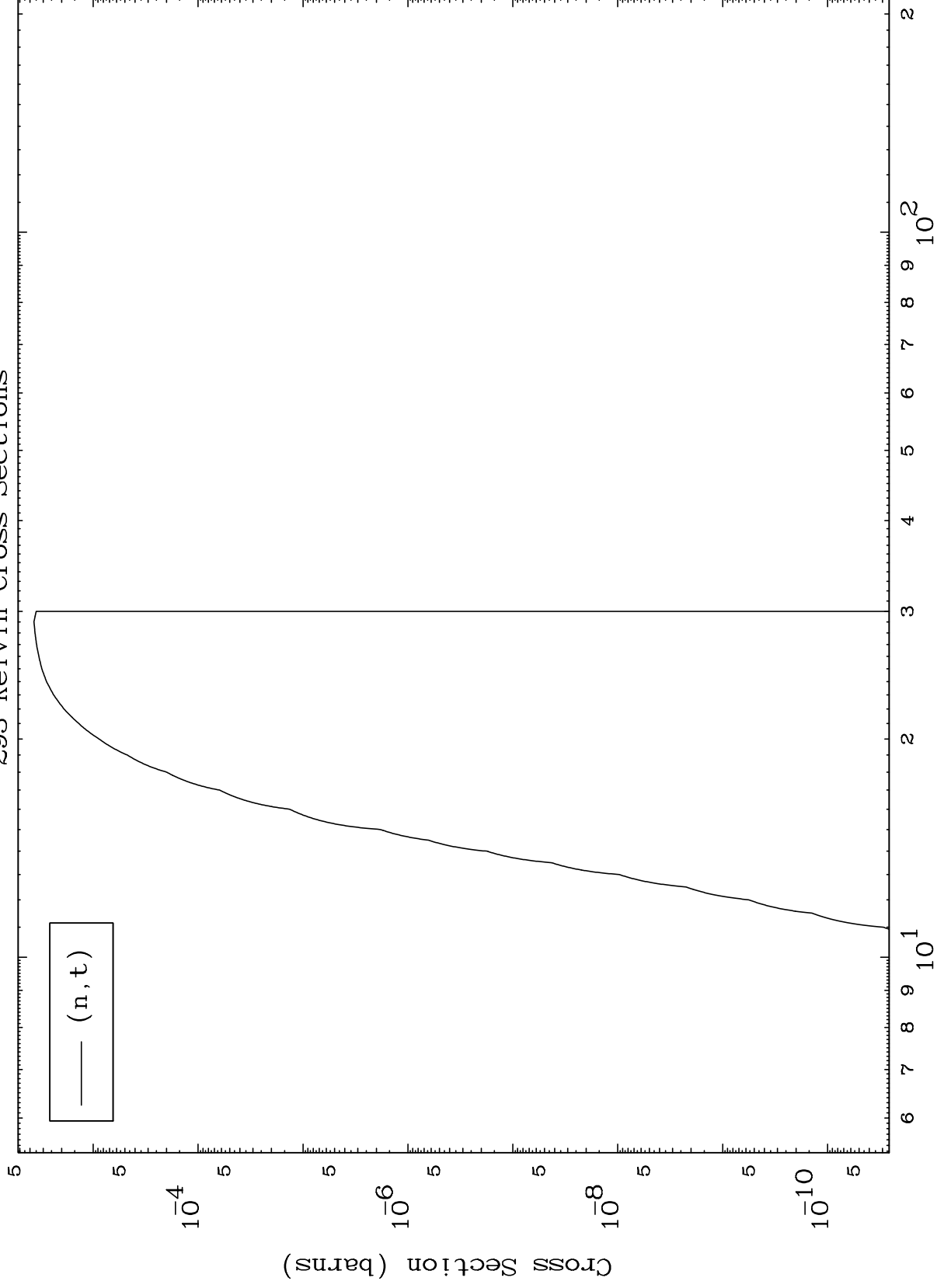
Incident Energy (MeV)

81-Tl-207

MAT 8137

(n,t) Levels  
293 Kelvin Cross Sections

81-T1-207



14

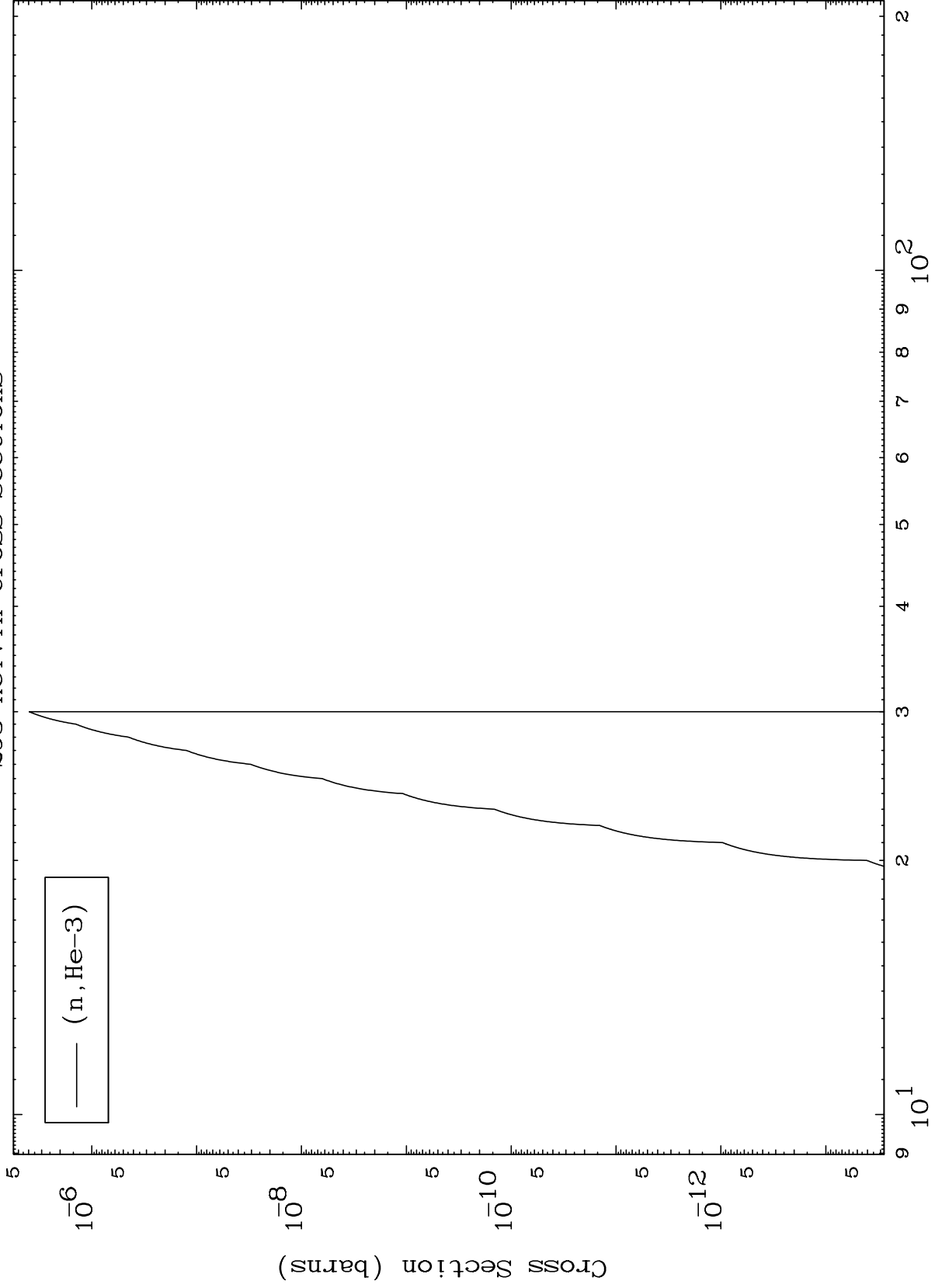
Incident Energy (MeV)

81-T1-207

MAT 8137

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-207



15

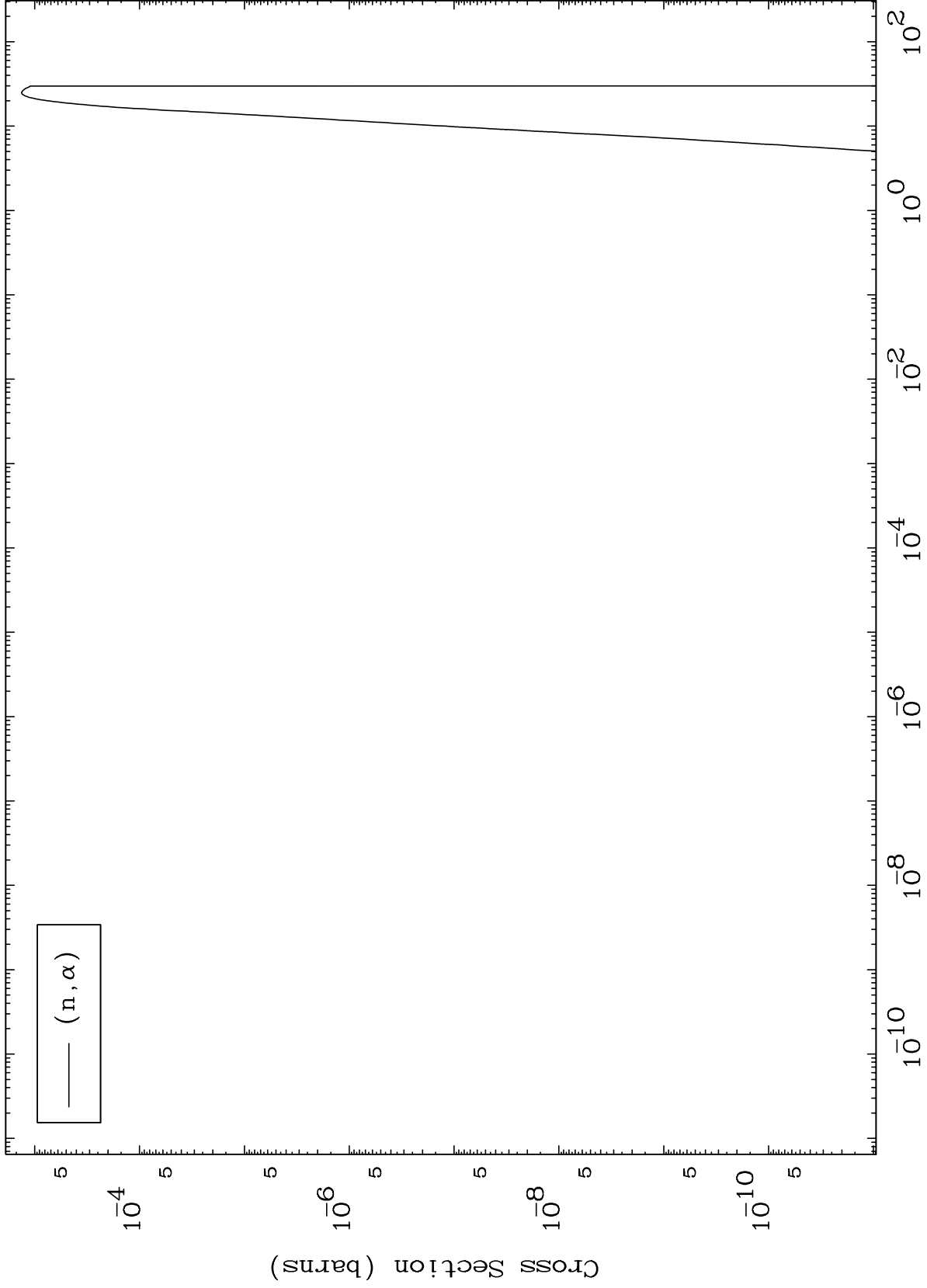
Incident Energy (MeV)

81-T1-207

MAT 8137

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

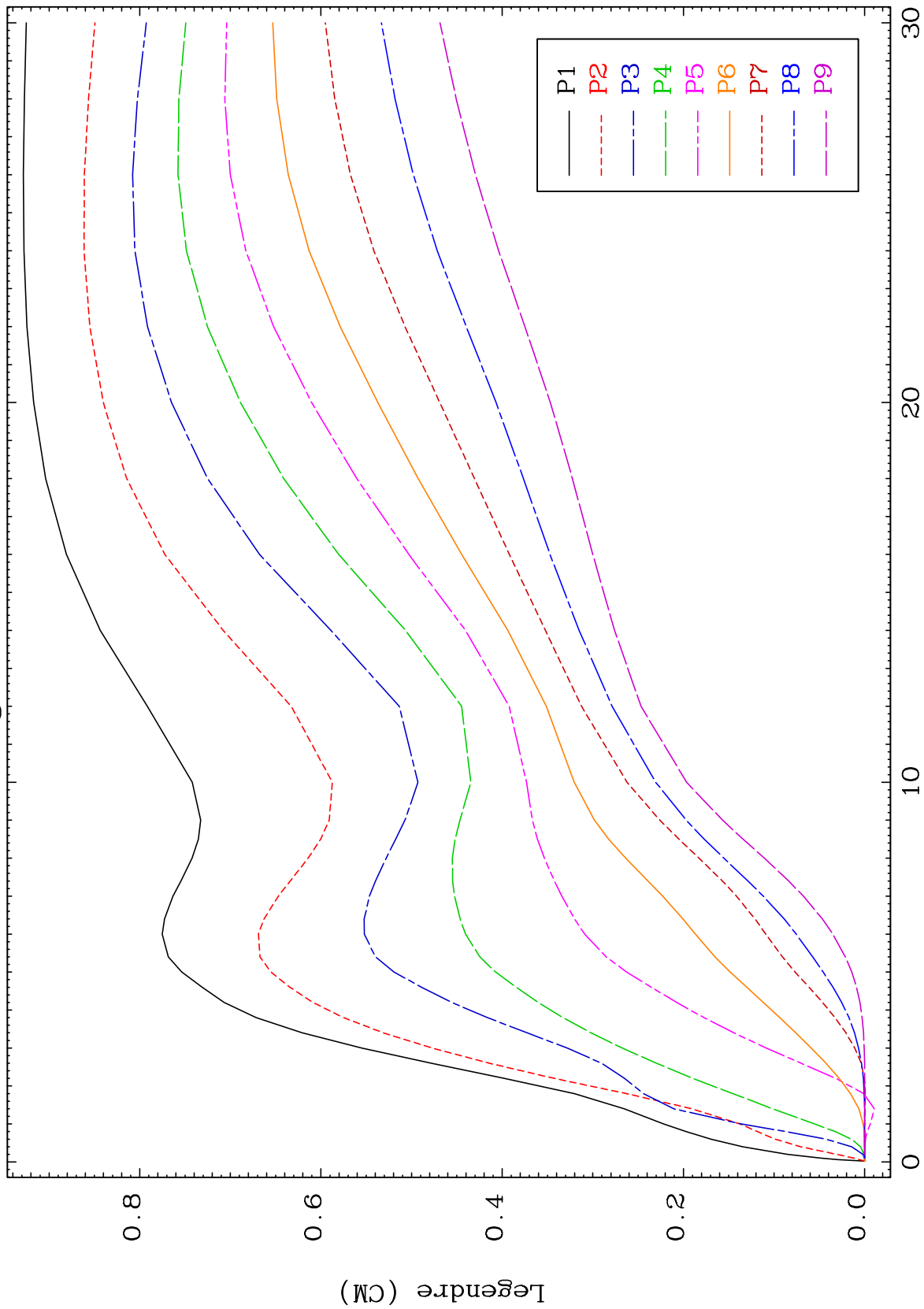
81-Tl-207



MAT 8137

Elastic Legendre Coefficients

81-T1-207



17

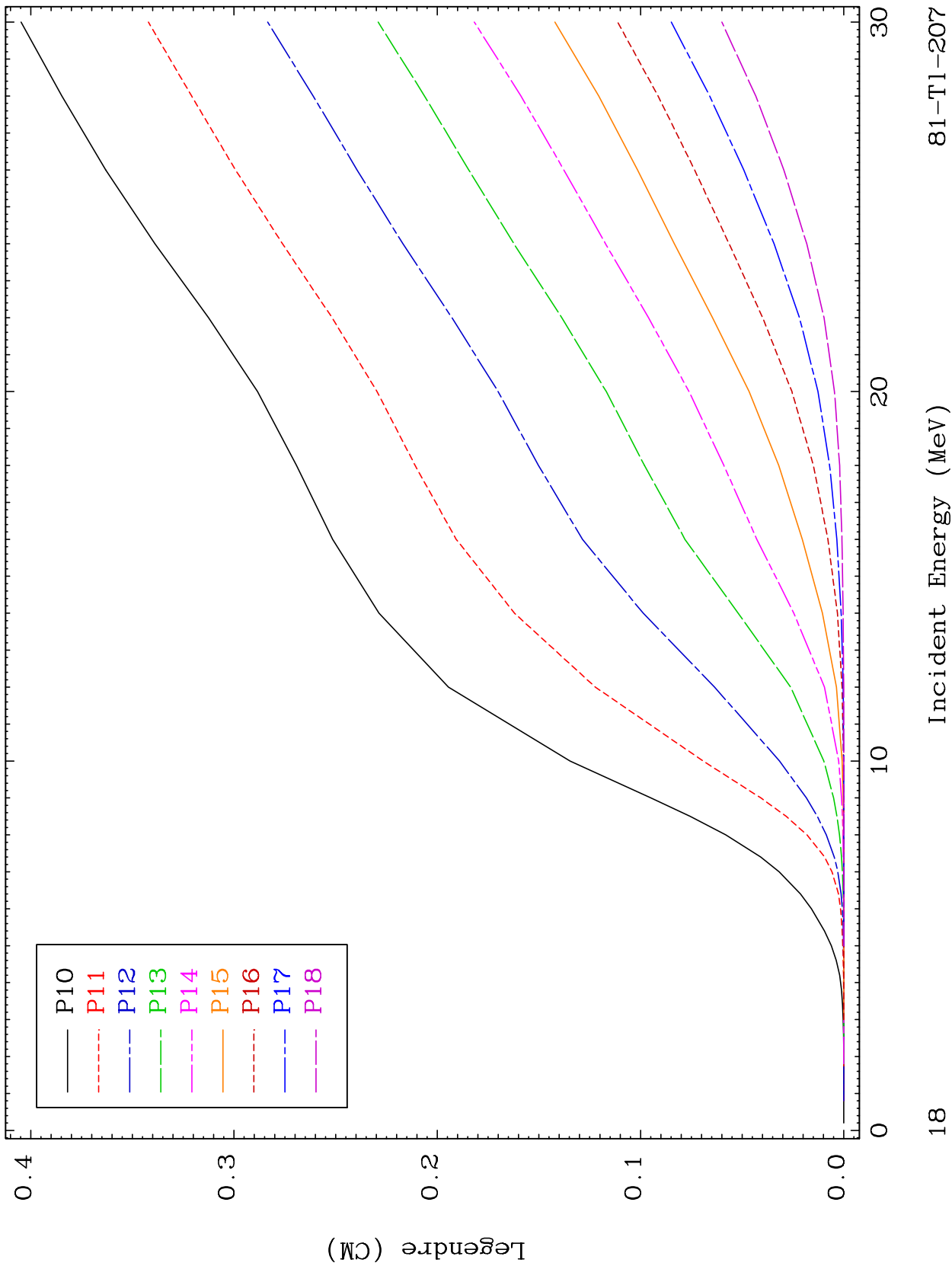
Incident Energy (MeV)

81-T1-207

MAT 8137

Elastic Legendre Coefficients

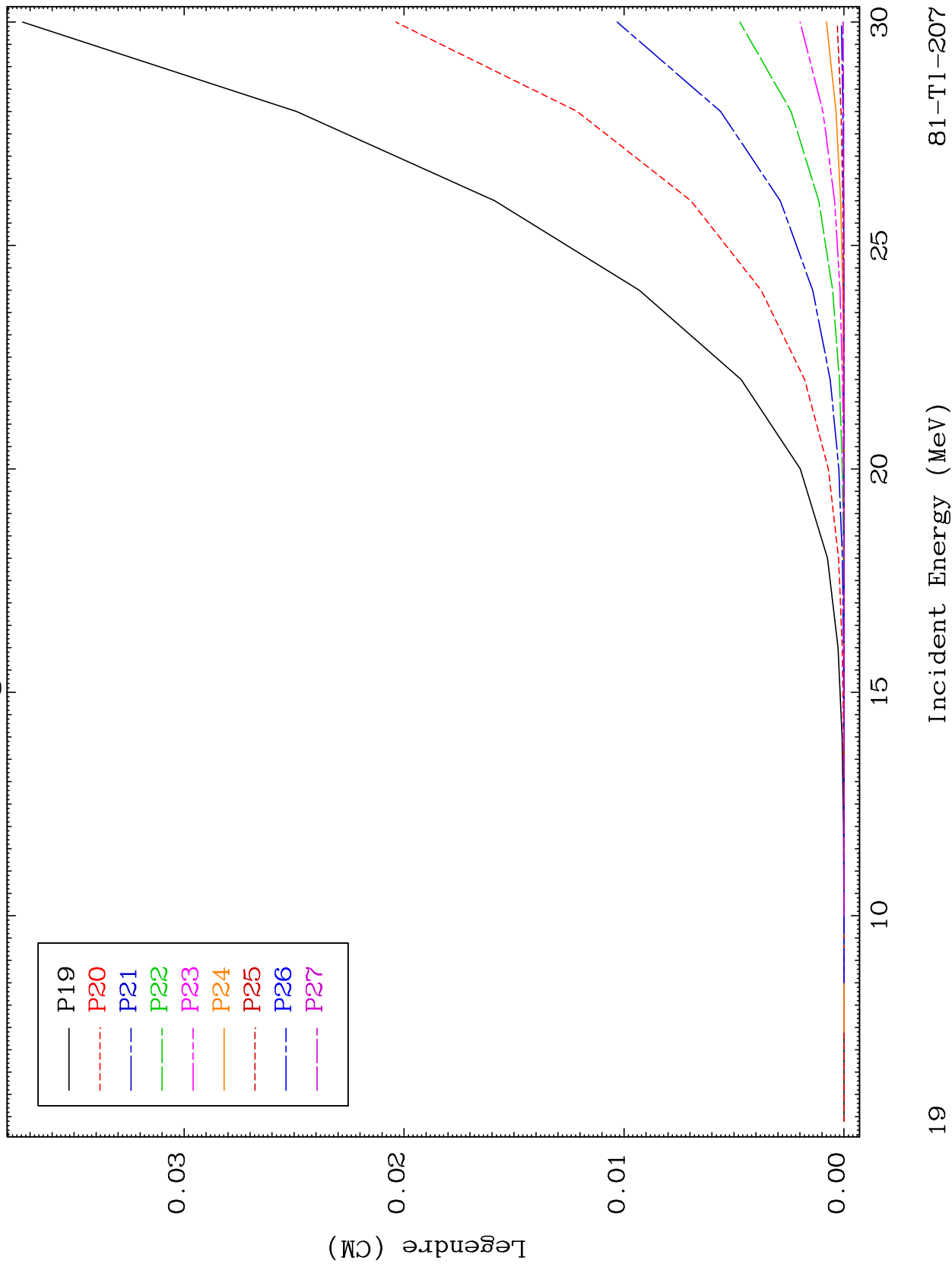
81-T1-207



MAT 8137

### Elastic Legendre Coefficients

81-T1-207

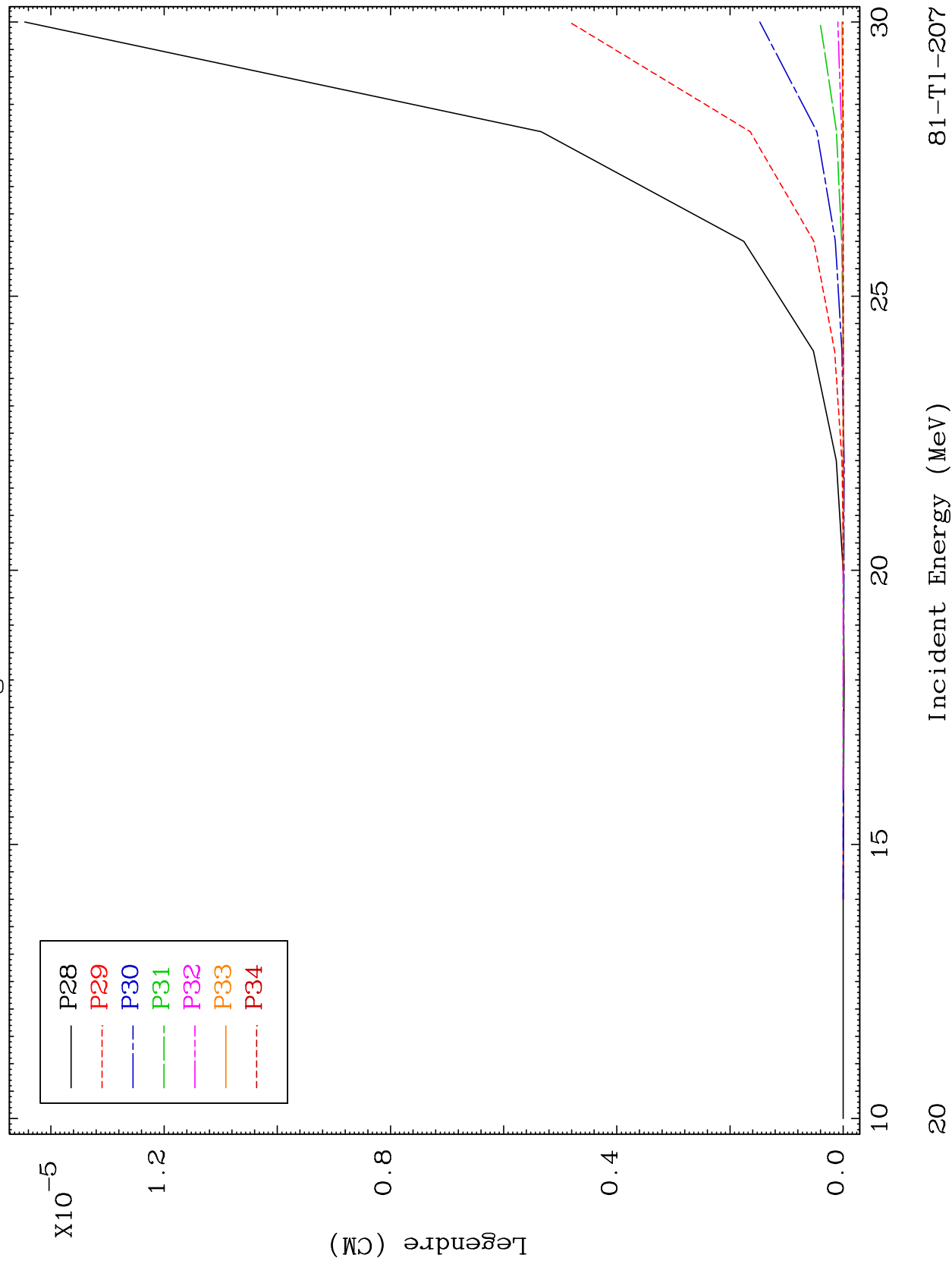


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 8137

Elastic Legendre Coefficients

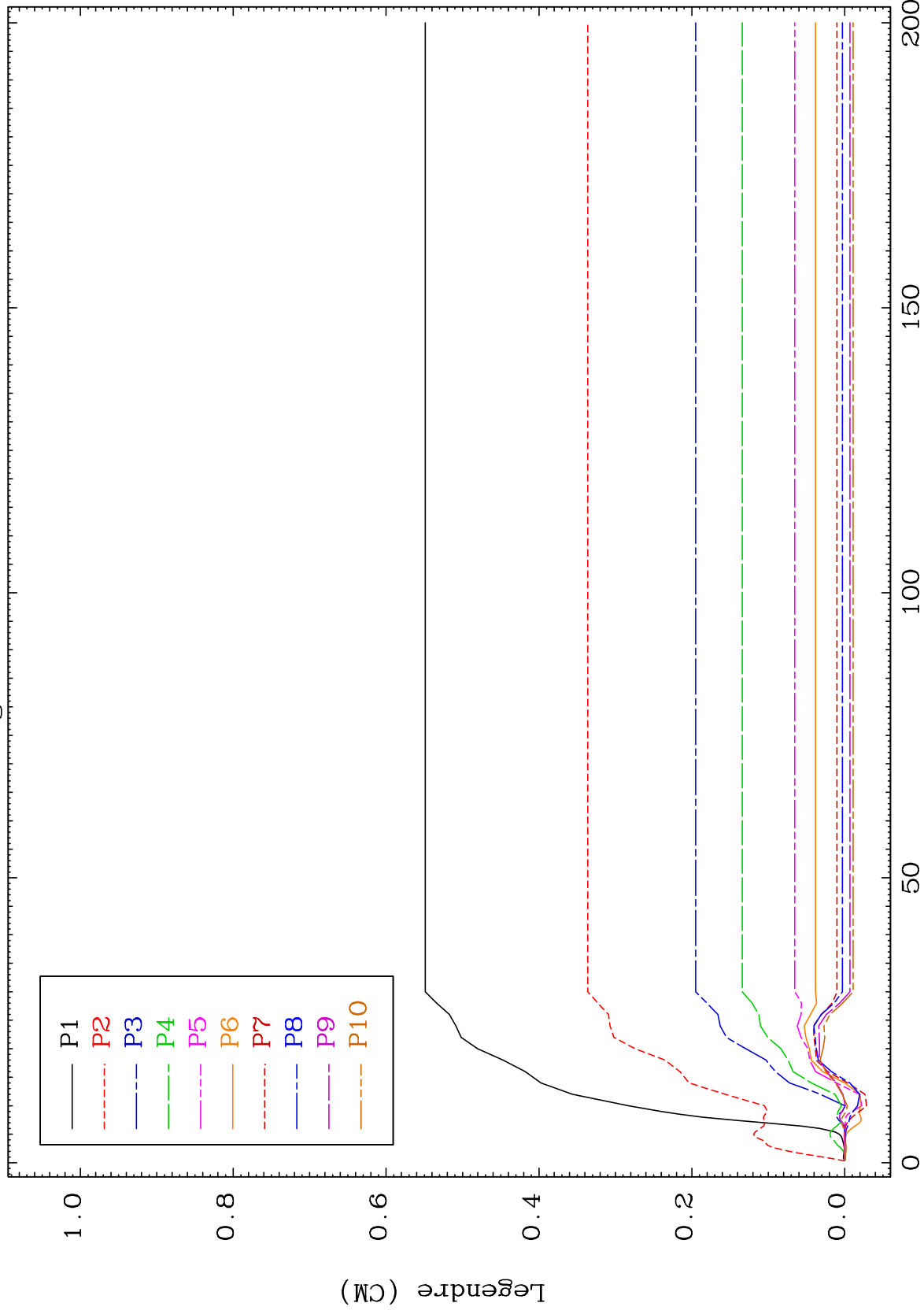
81-T1-207



MAT 8137

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

81-T1-207



21

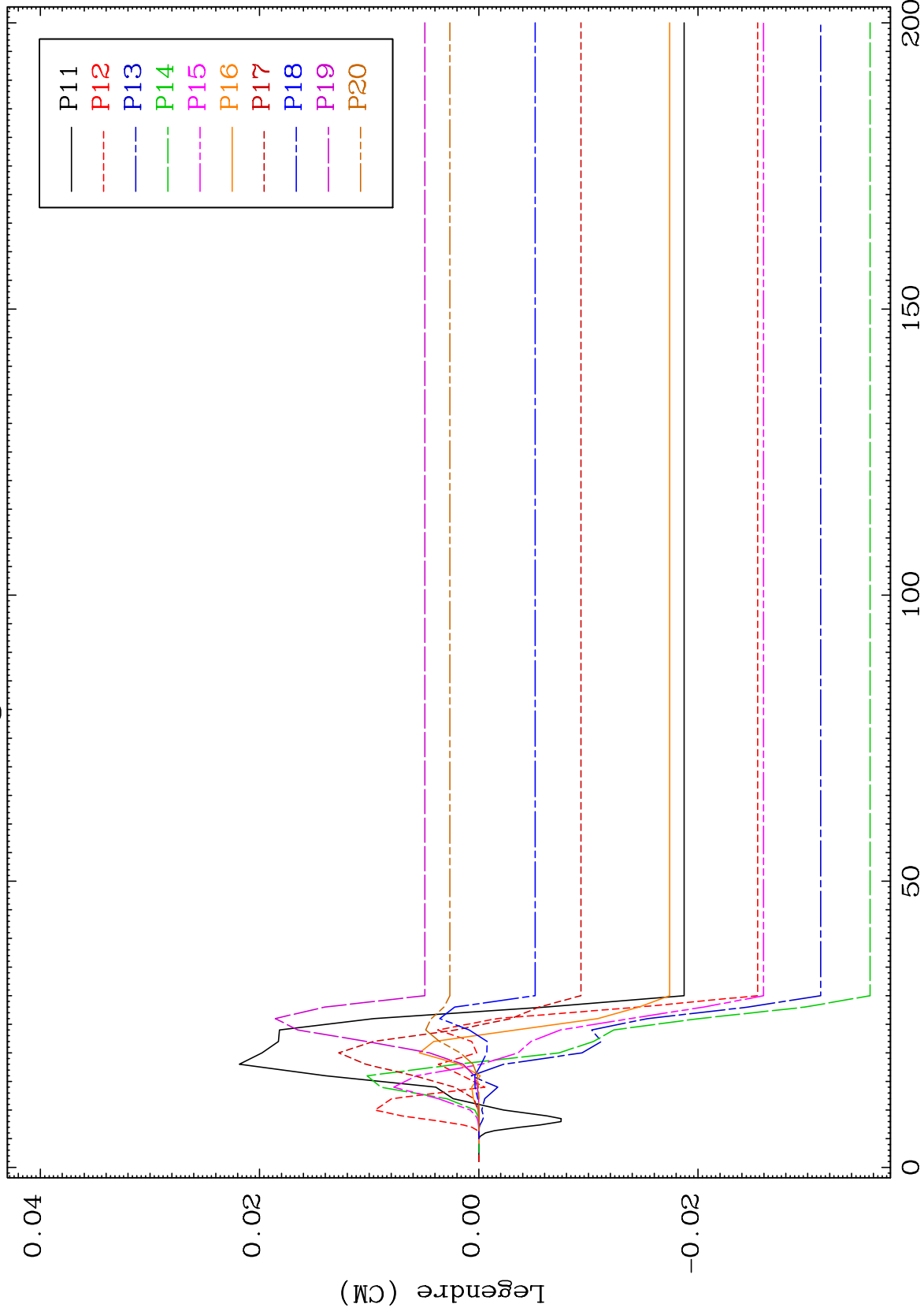
Incident Energy (MeV)

81-T1-207

MAT 8137

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

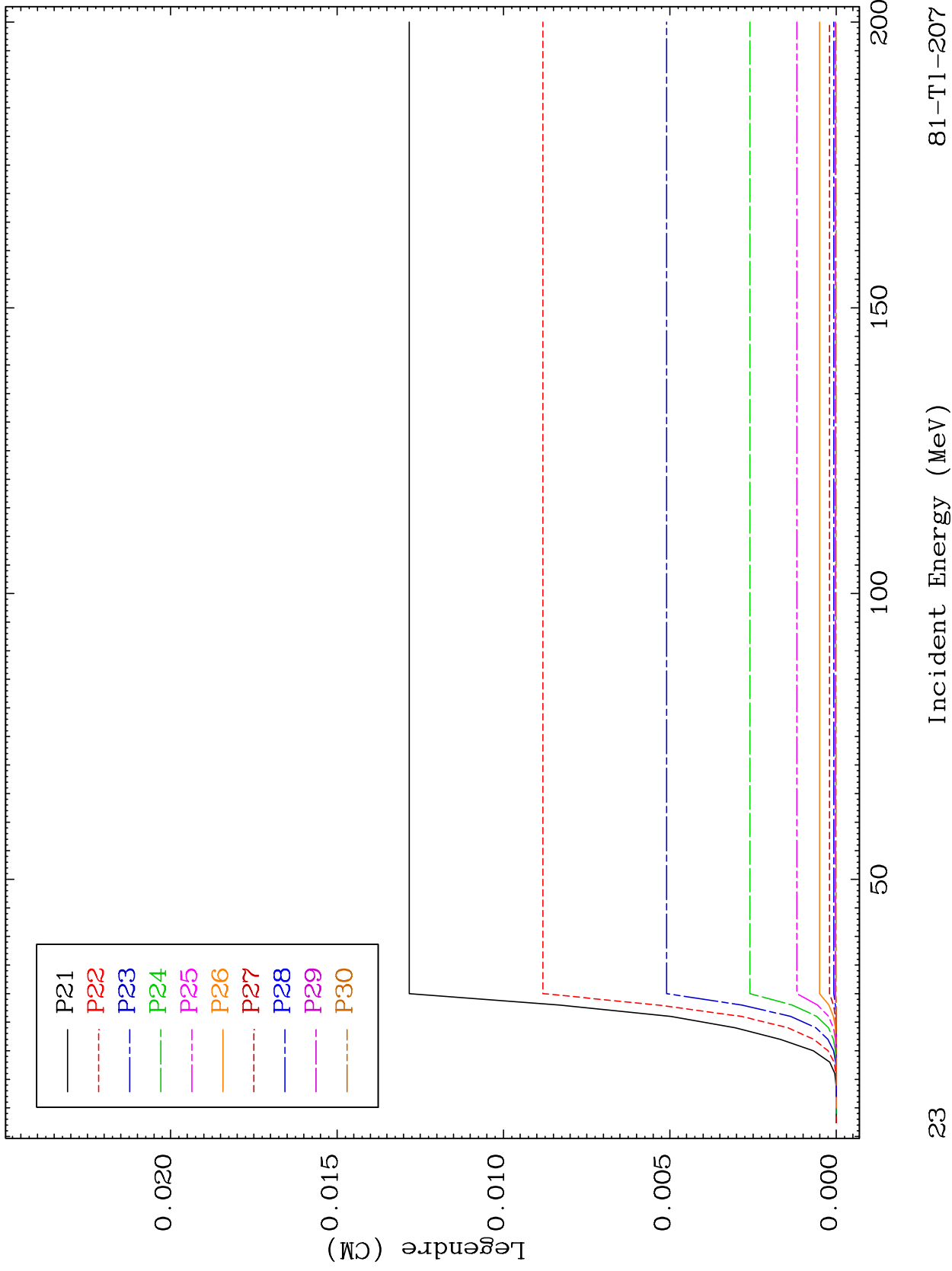
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22

Incident Energy (MeV)

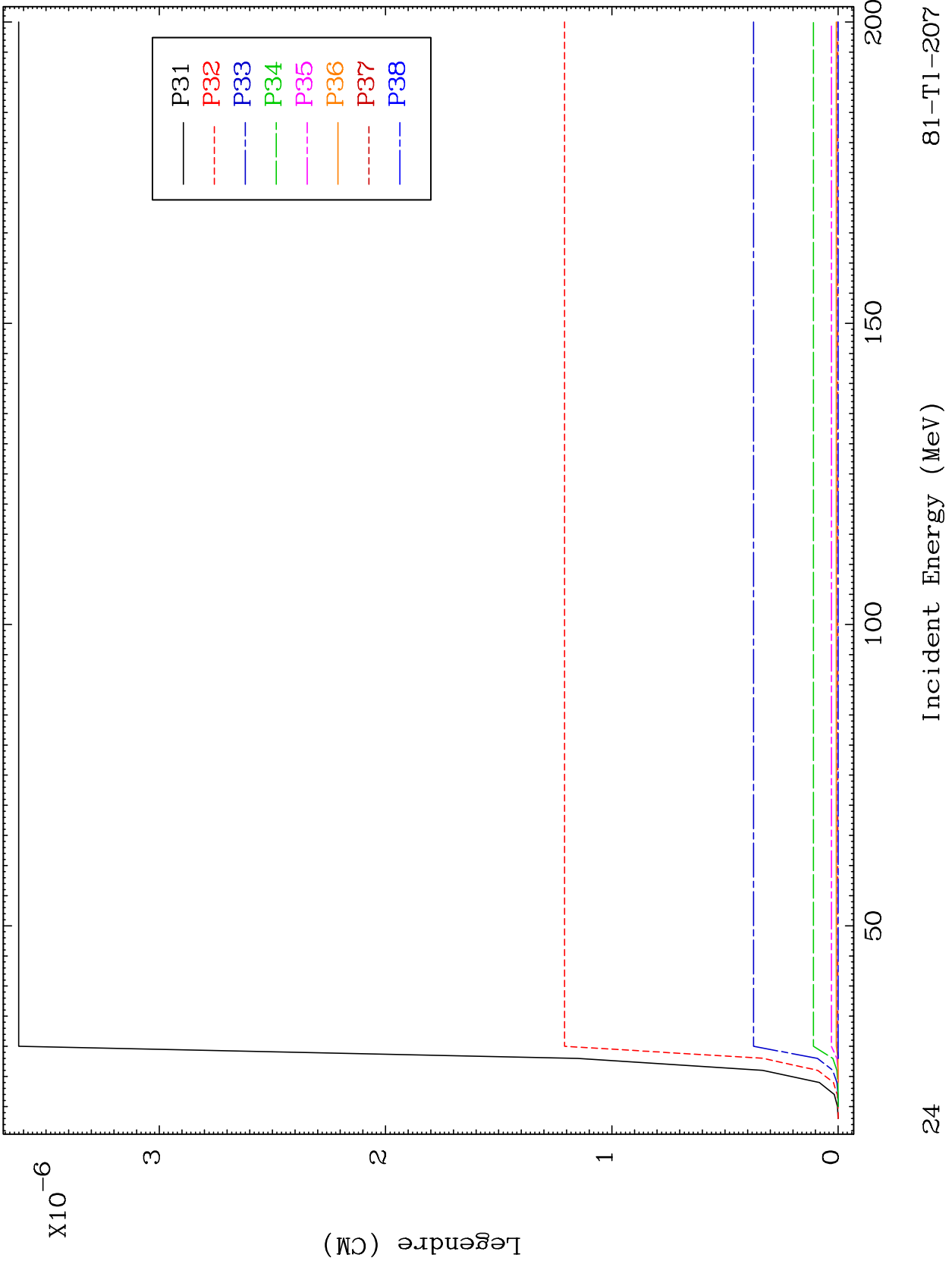
81-T1-207



MAT 8137

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

81-T1-207



24

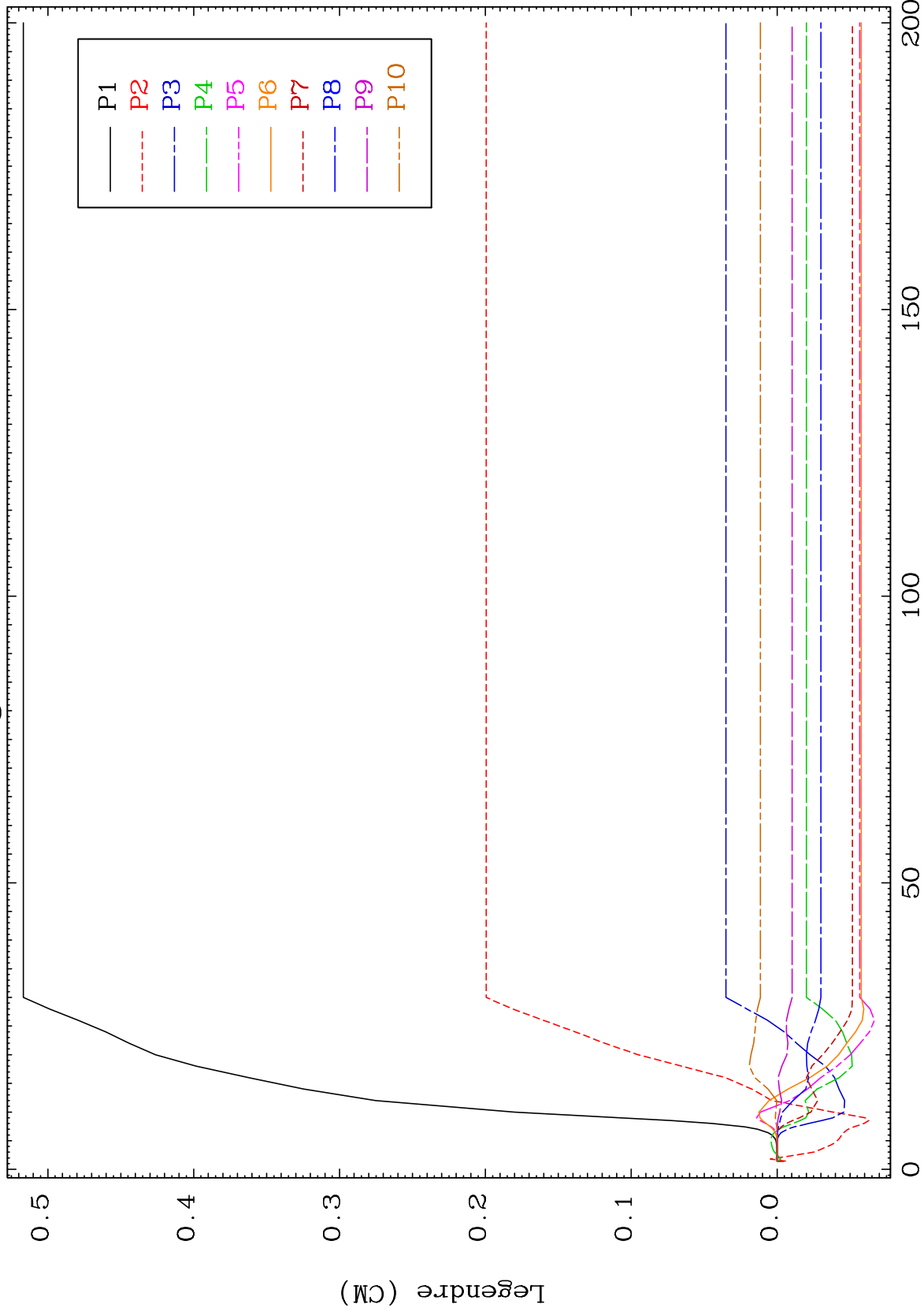
Incident Energy (MeV)

81-T1-207

MAT 8137

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

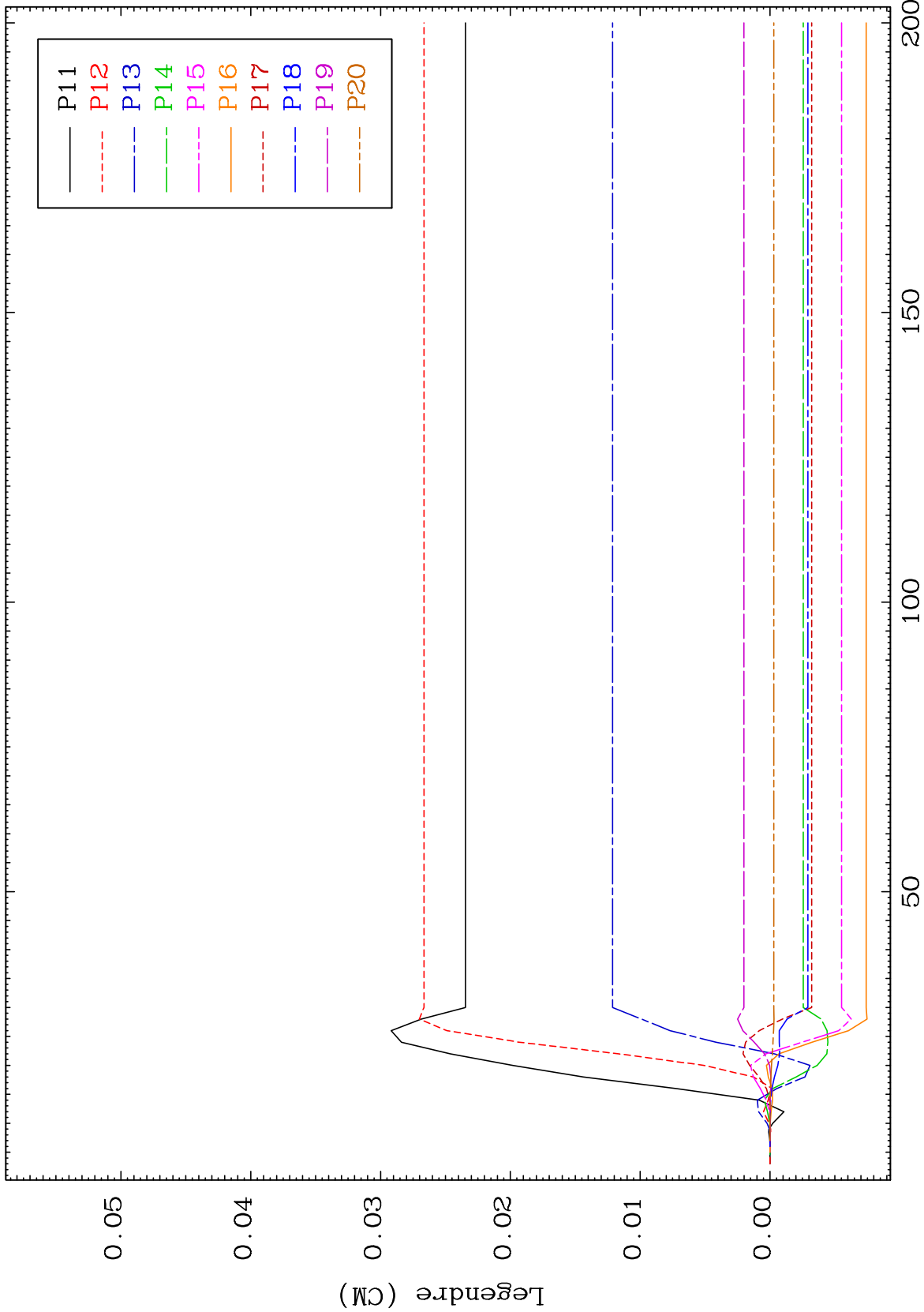
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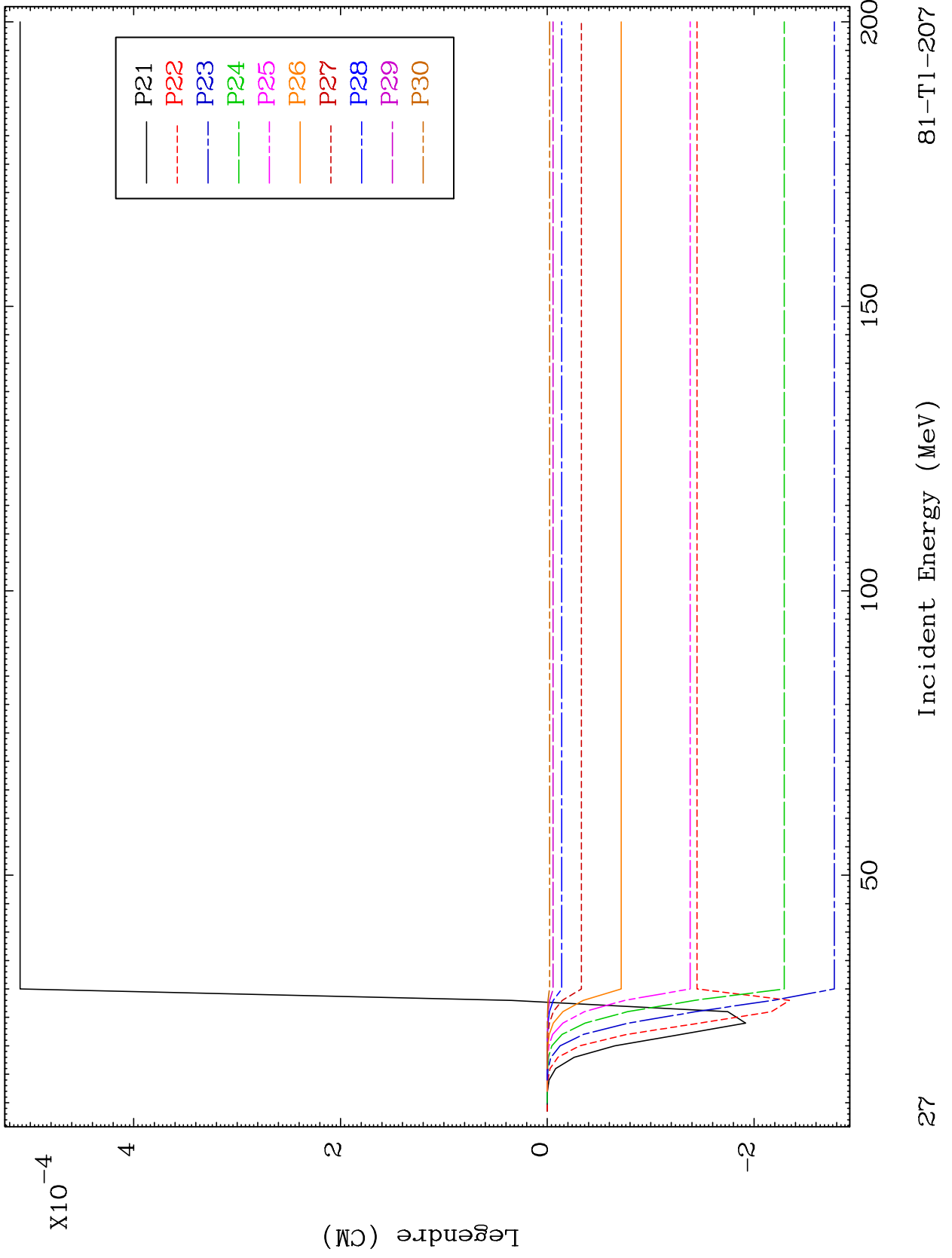


25

Incident Energy (MeV)

81-T1-207

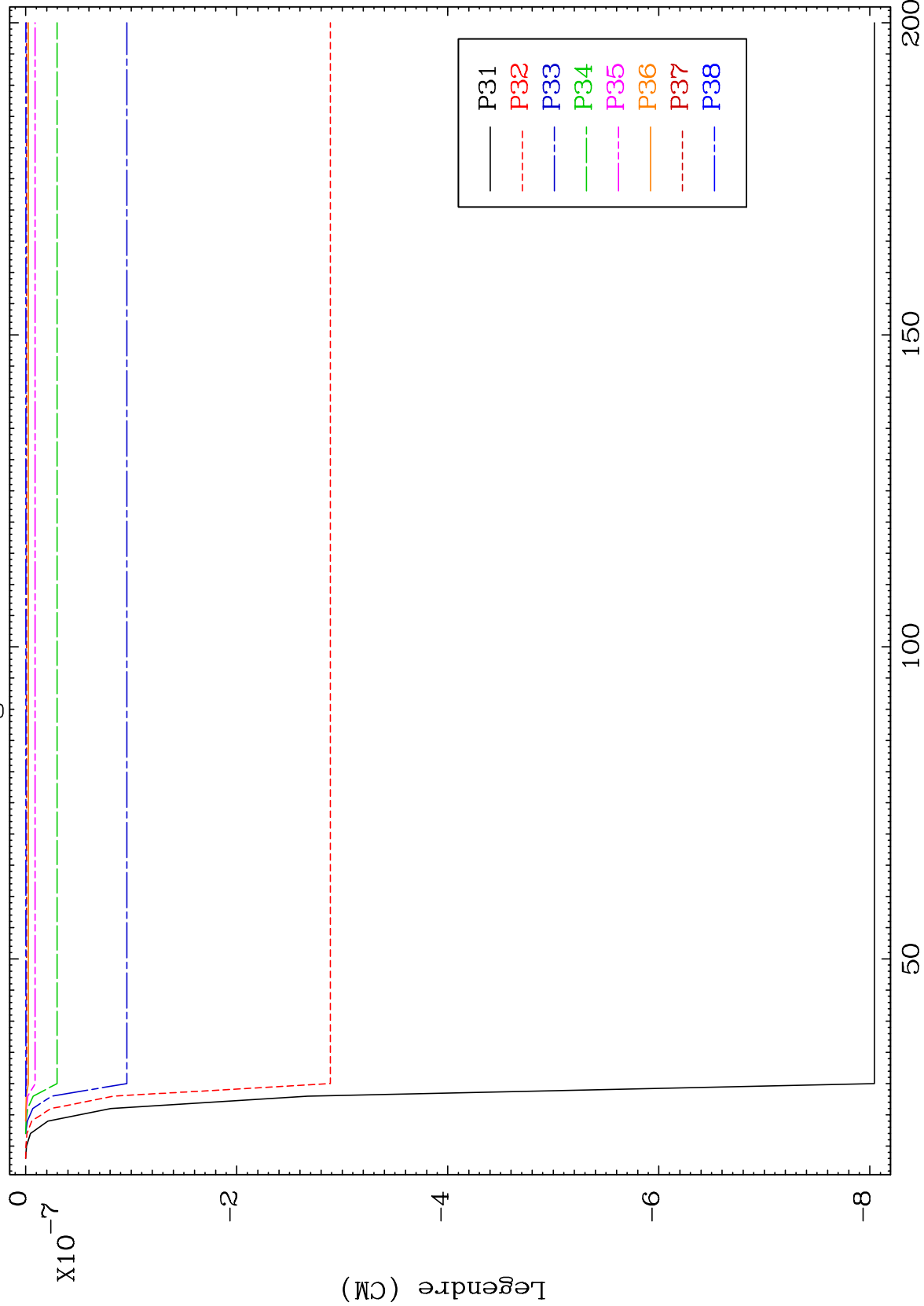




MAT 8137

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

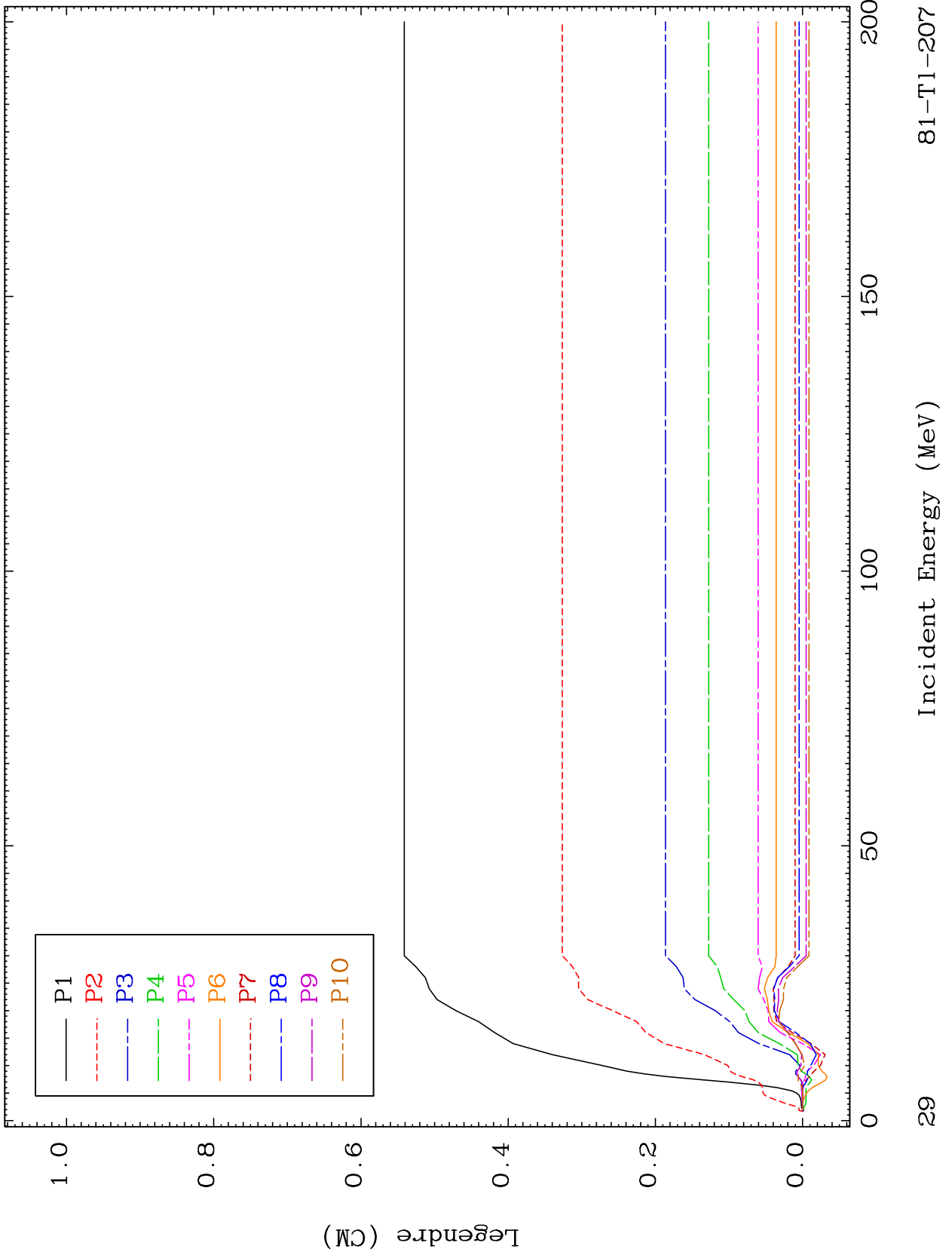
81-T1-207



28

Incident Energy (MeV)

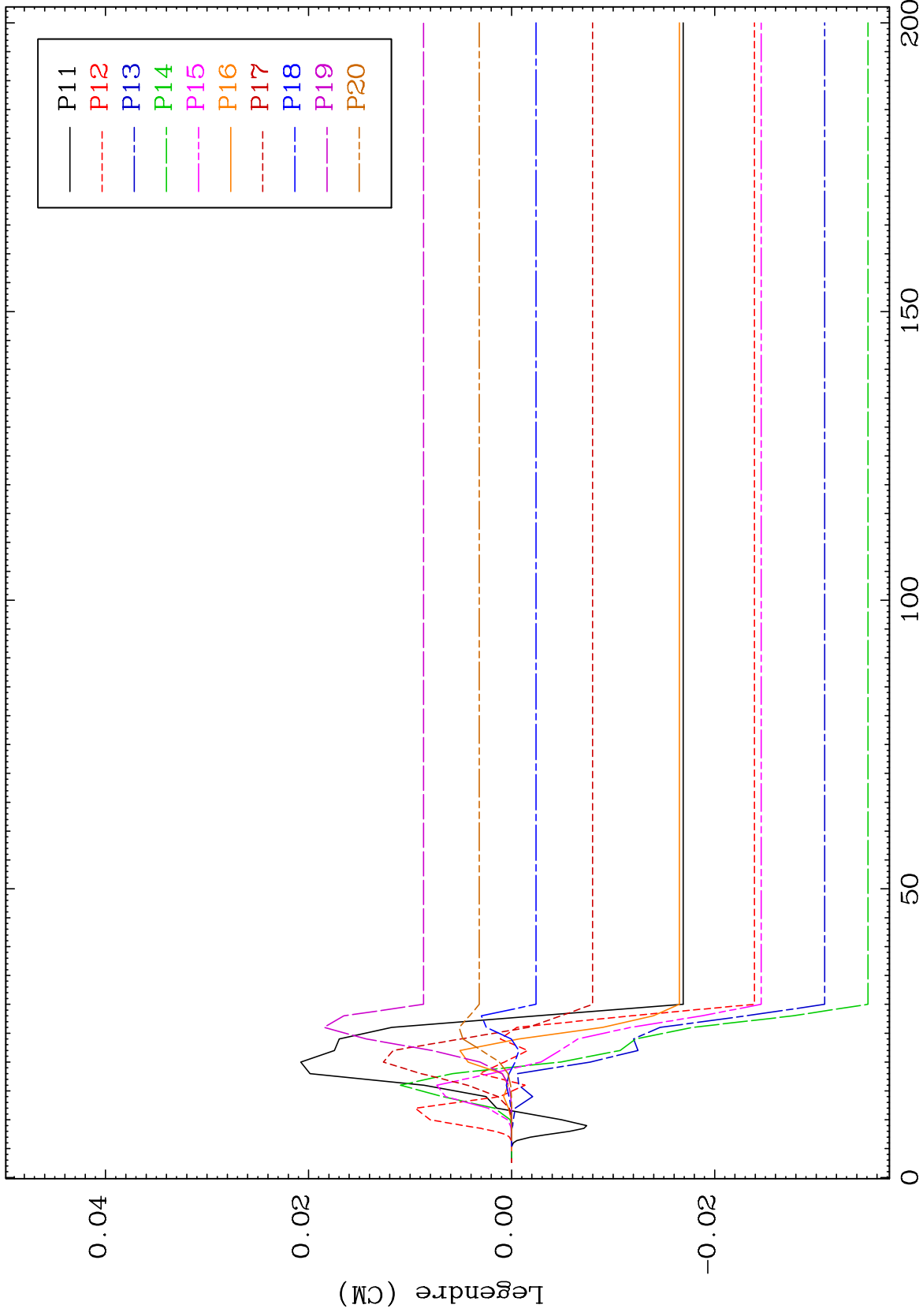
81-T1-207



MAT 8137

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

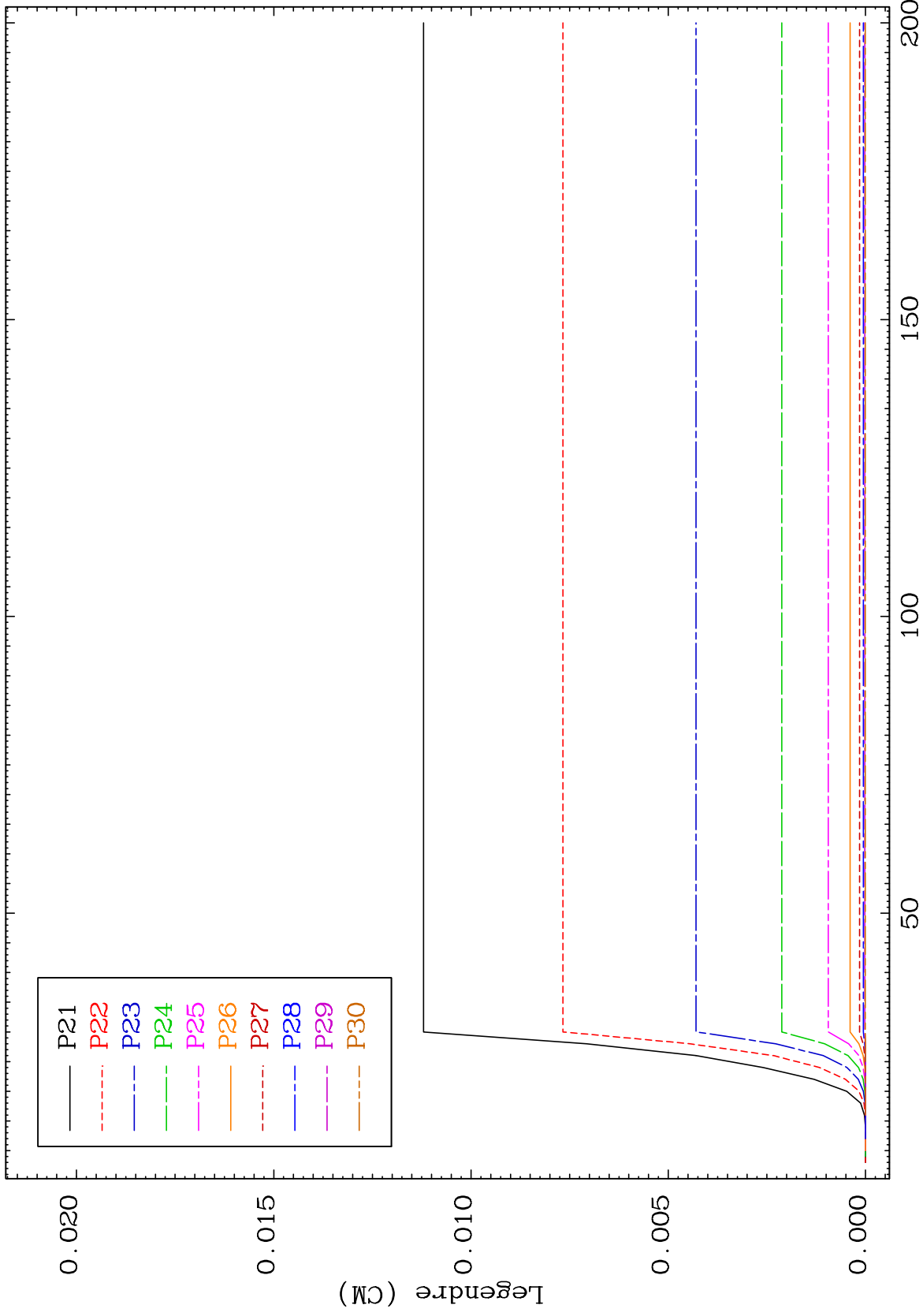
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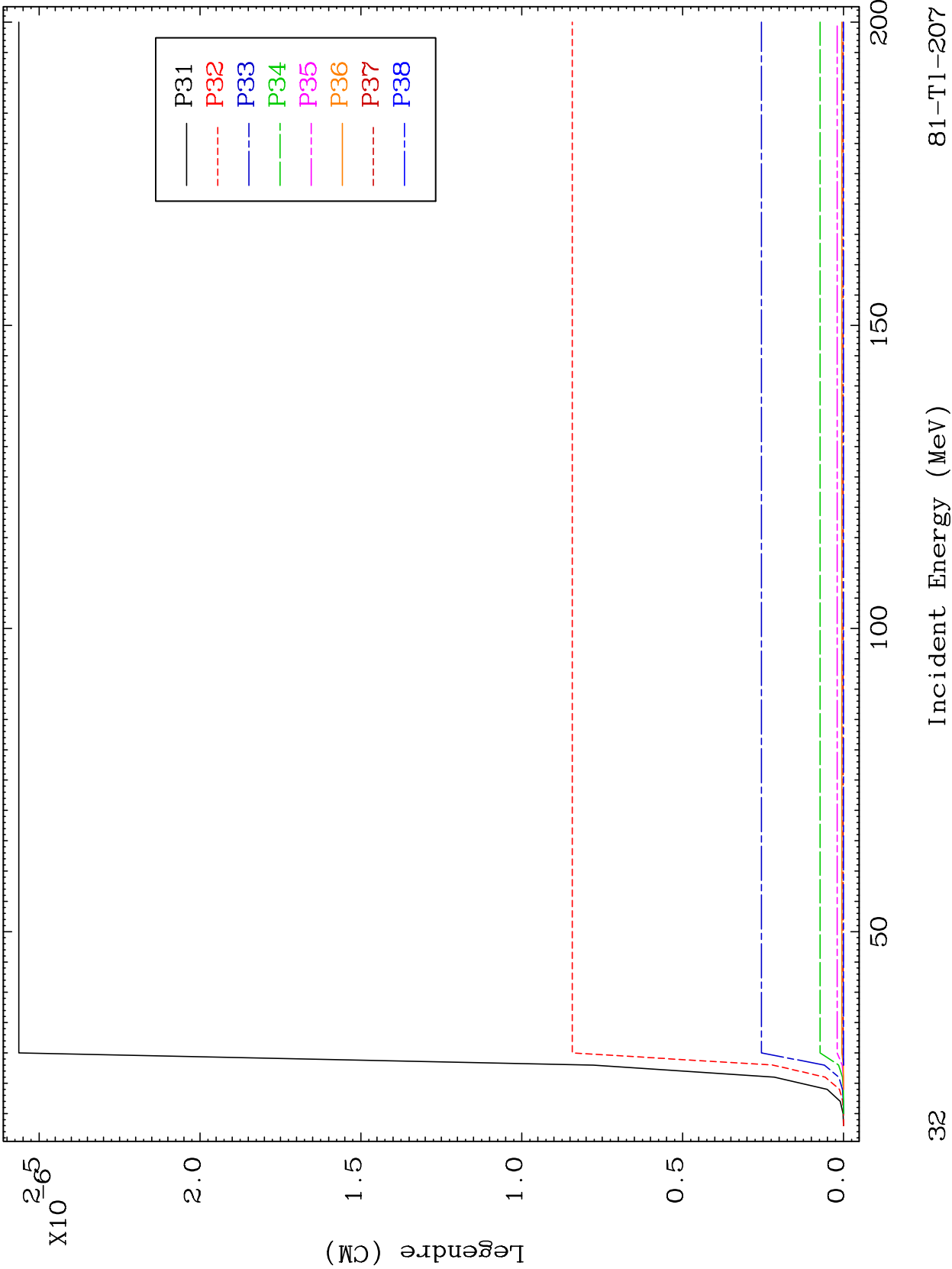


81-T1-207

Incident Energy (MeV)

30

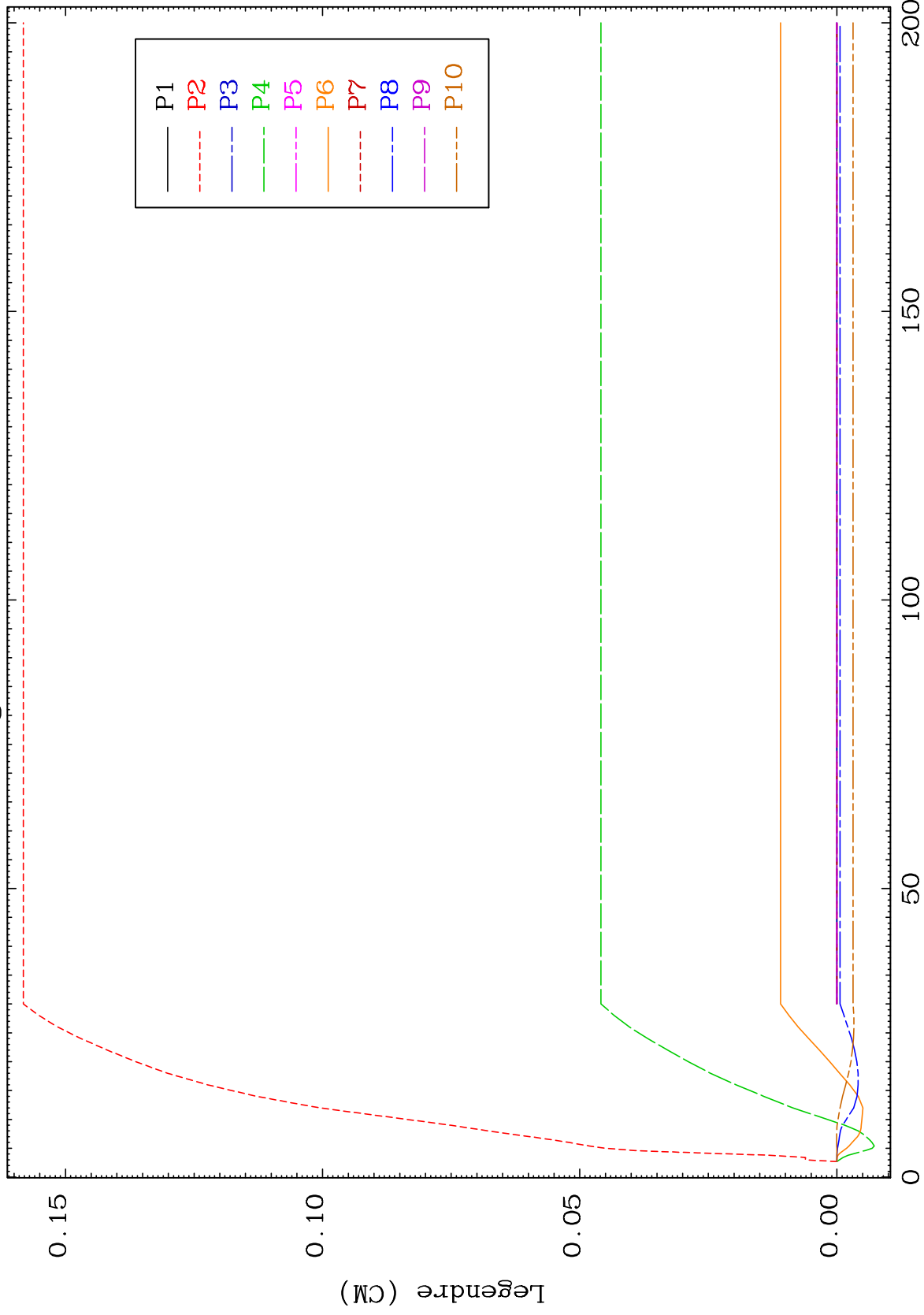




MAT 8137

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

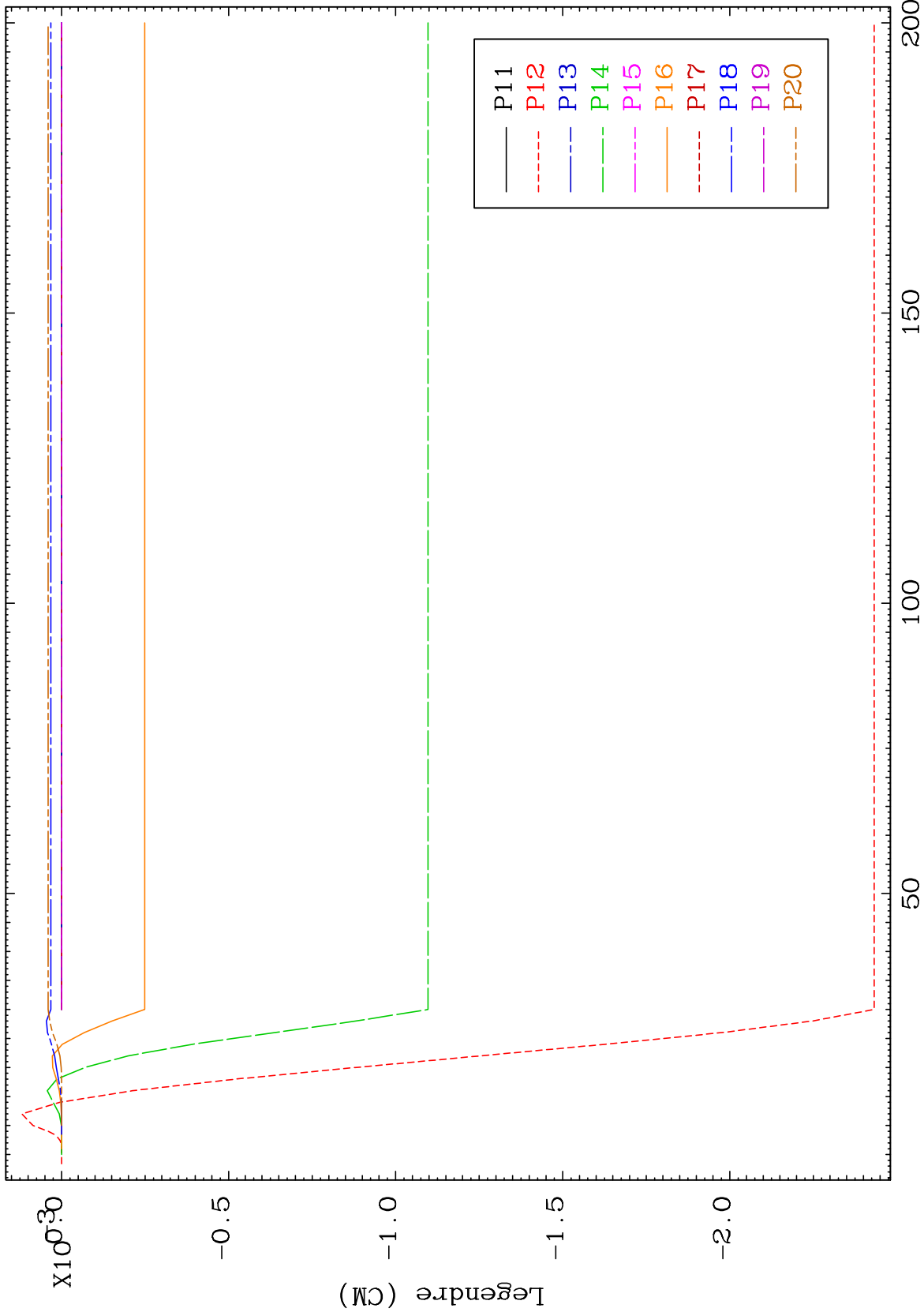
81-T1-207



33

Incident Energy (MeV)

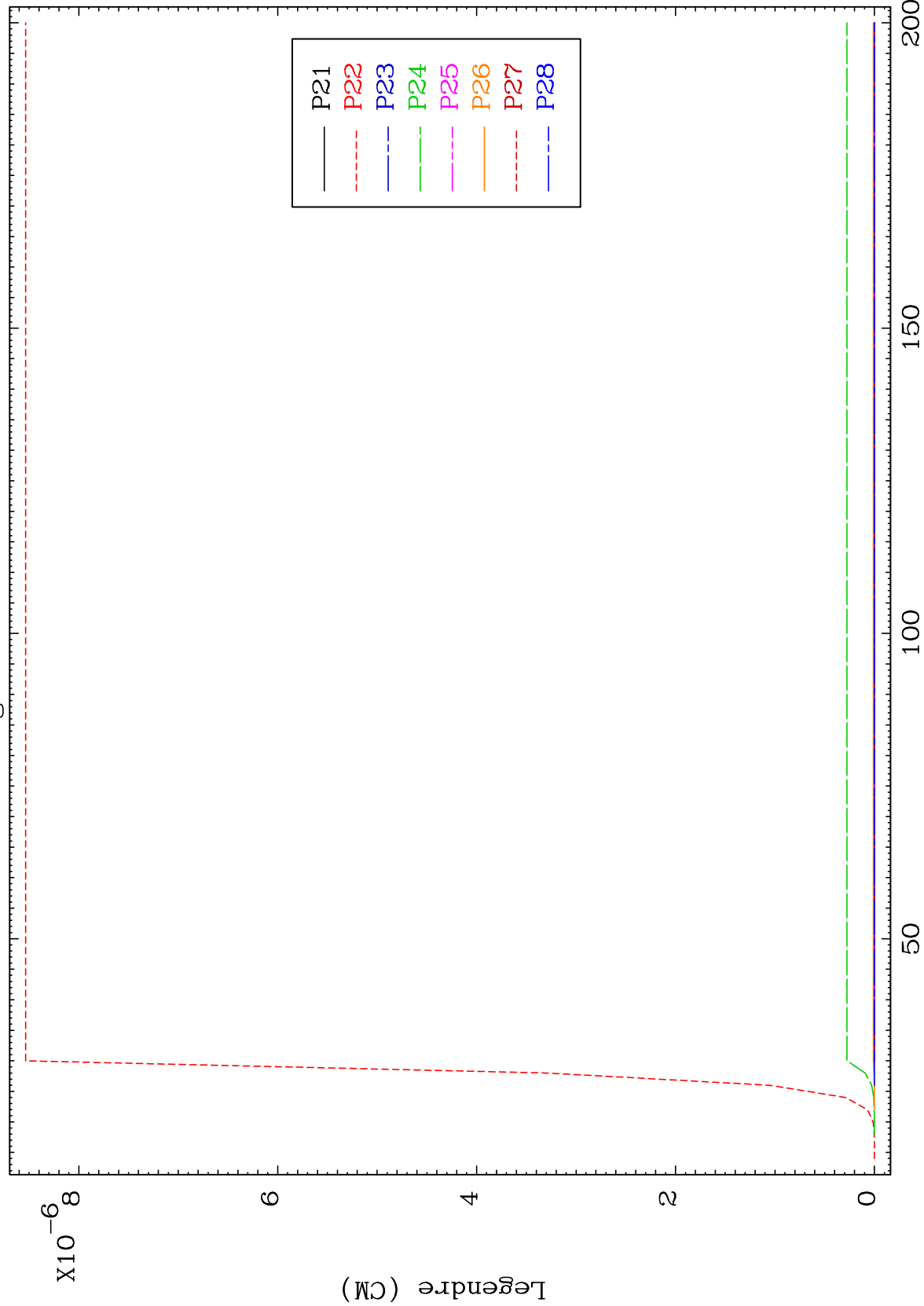
81-T1-207



MAT 8137

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

81-T1-207



35

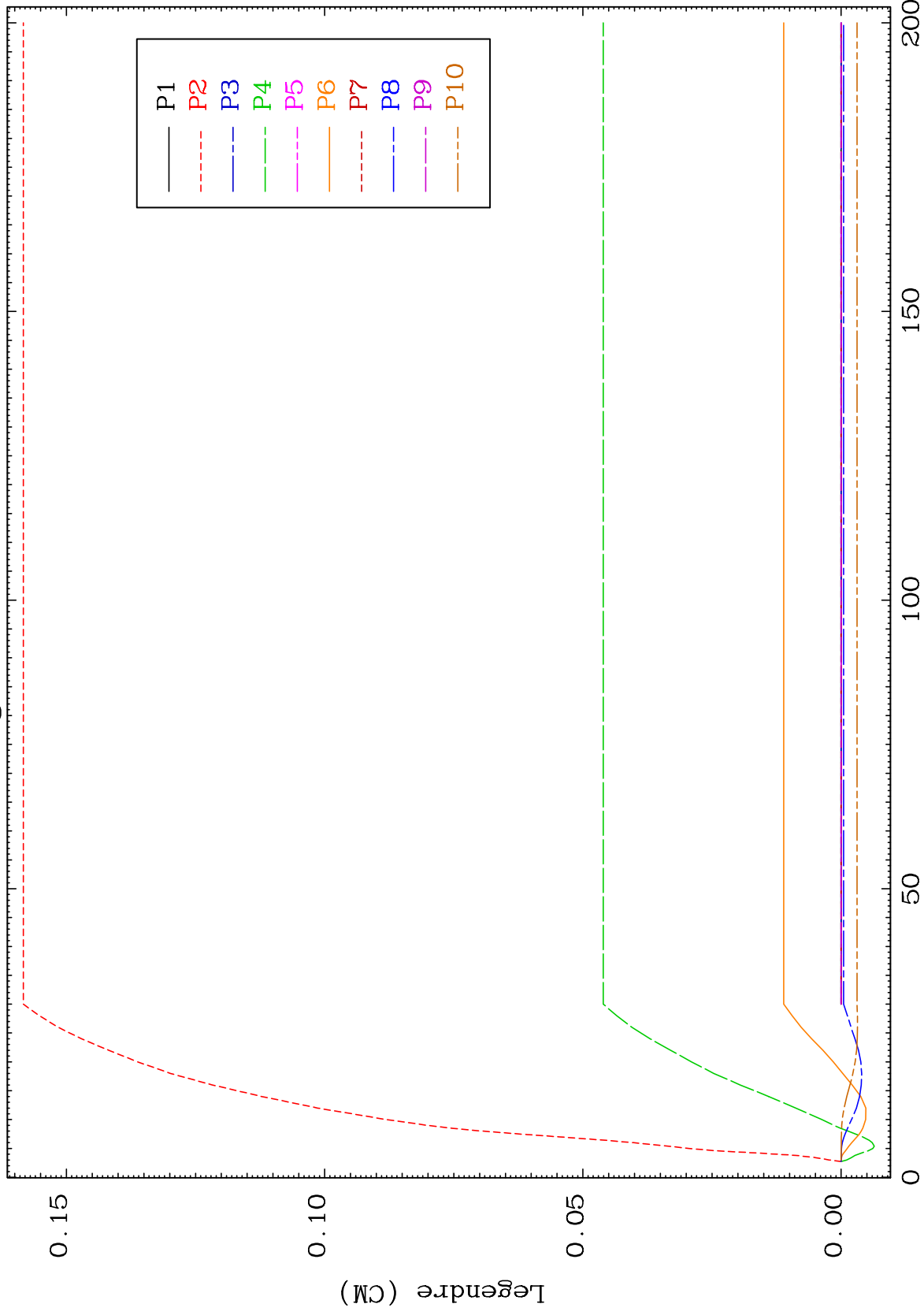
Incident Energy (MeV)

81-T1-207

MAT 8137

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

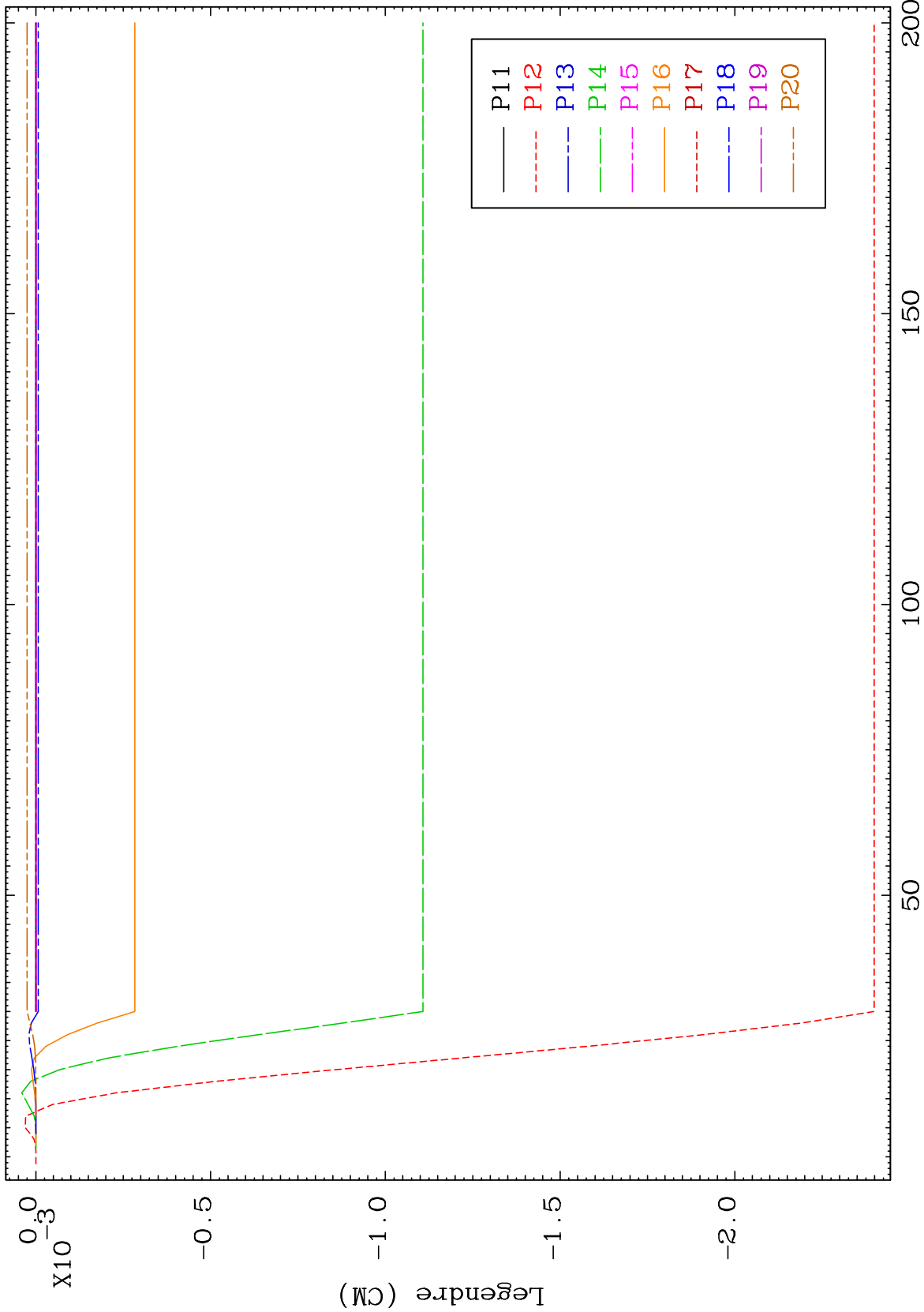
81-T1-207



36

Incident Energy (MeV)

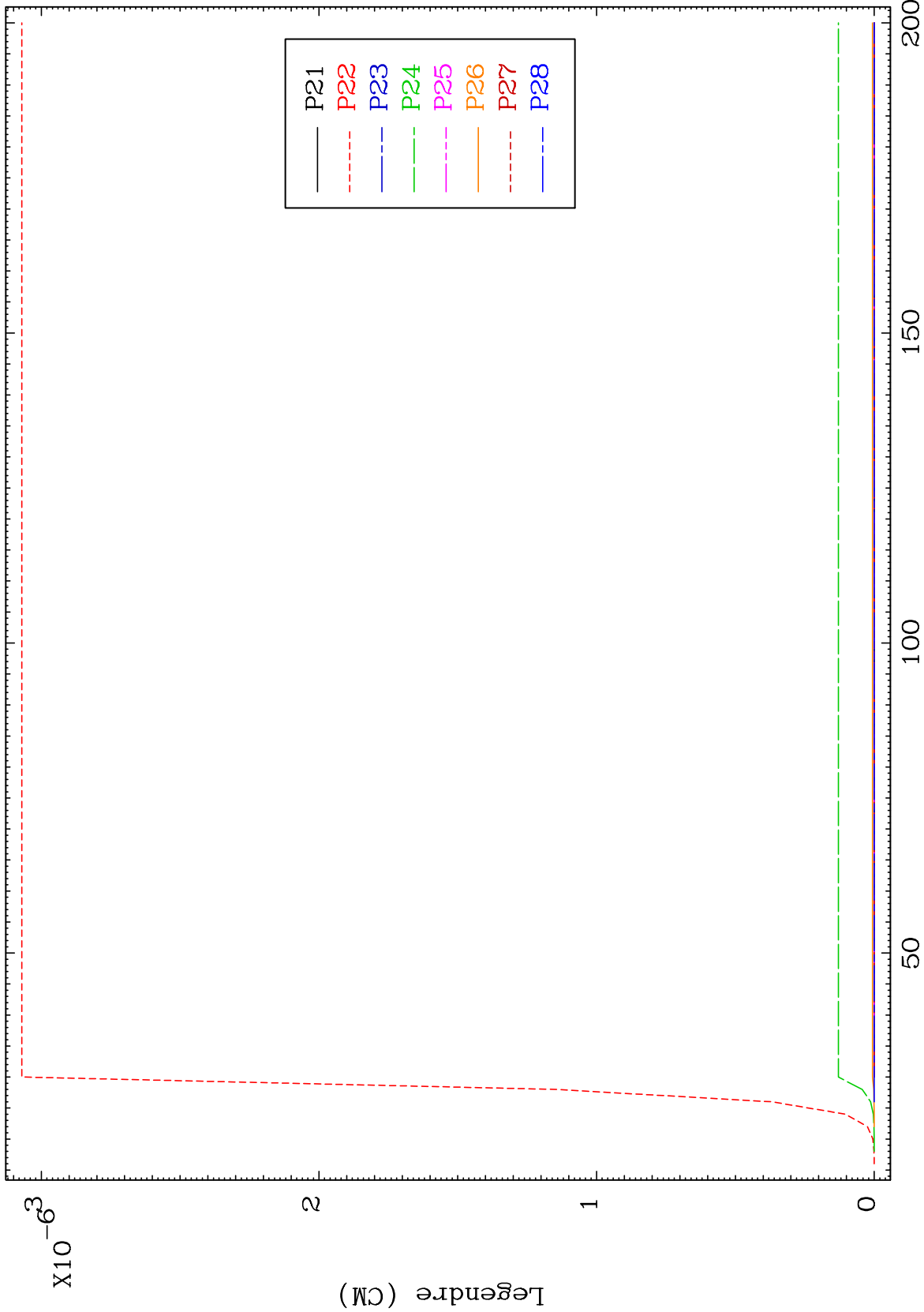
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MAT 8137

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

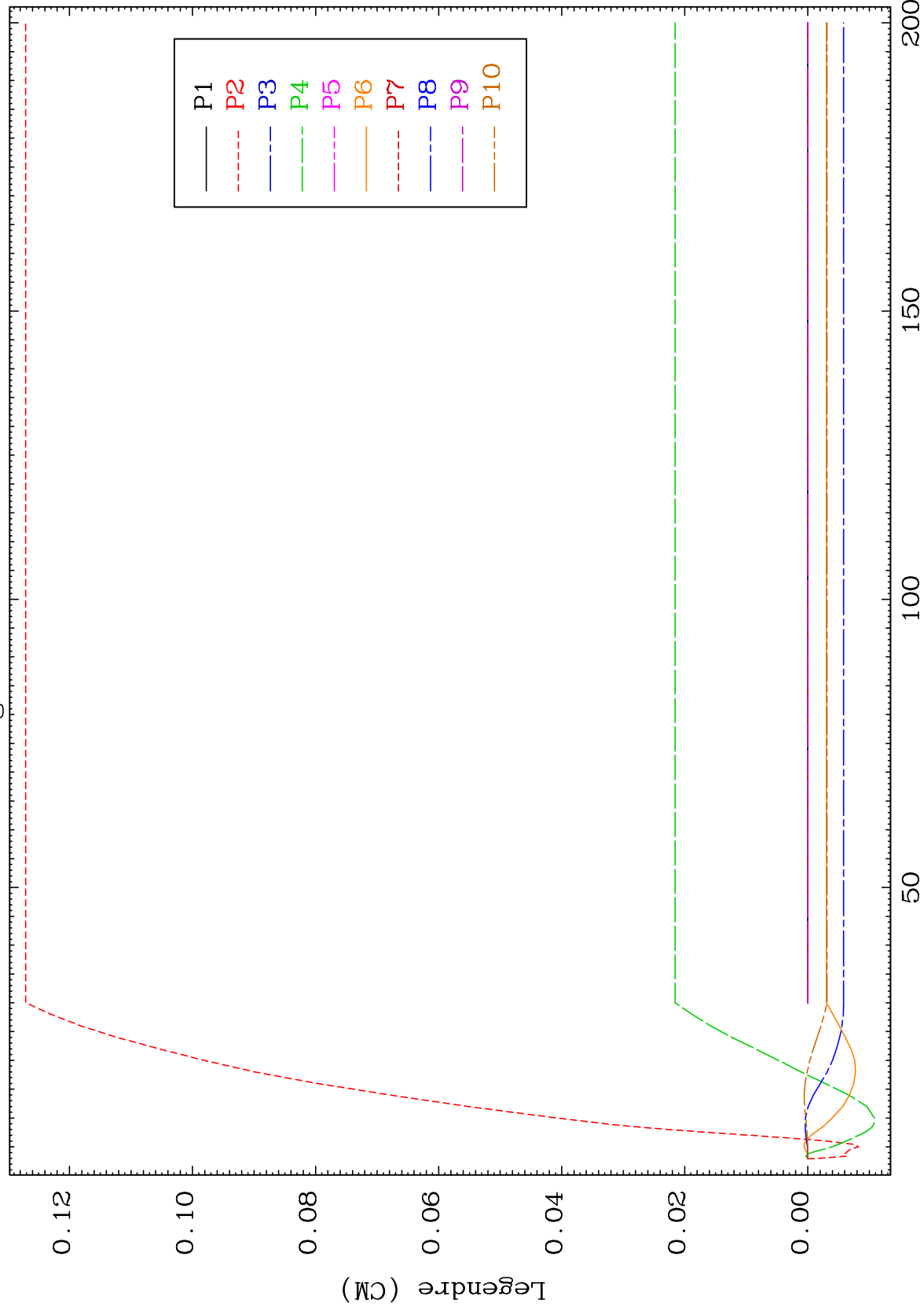
81-T1-207



38

Incident Energy (MeV)

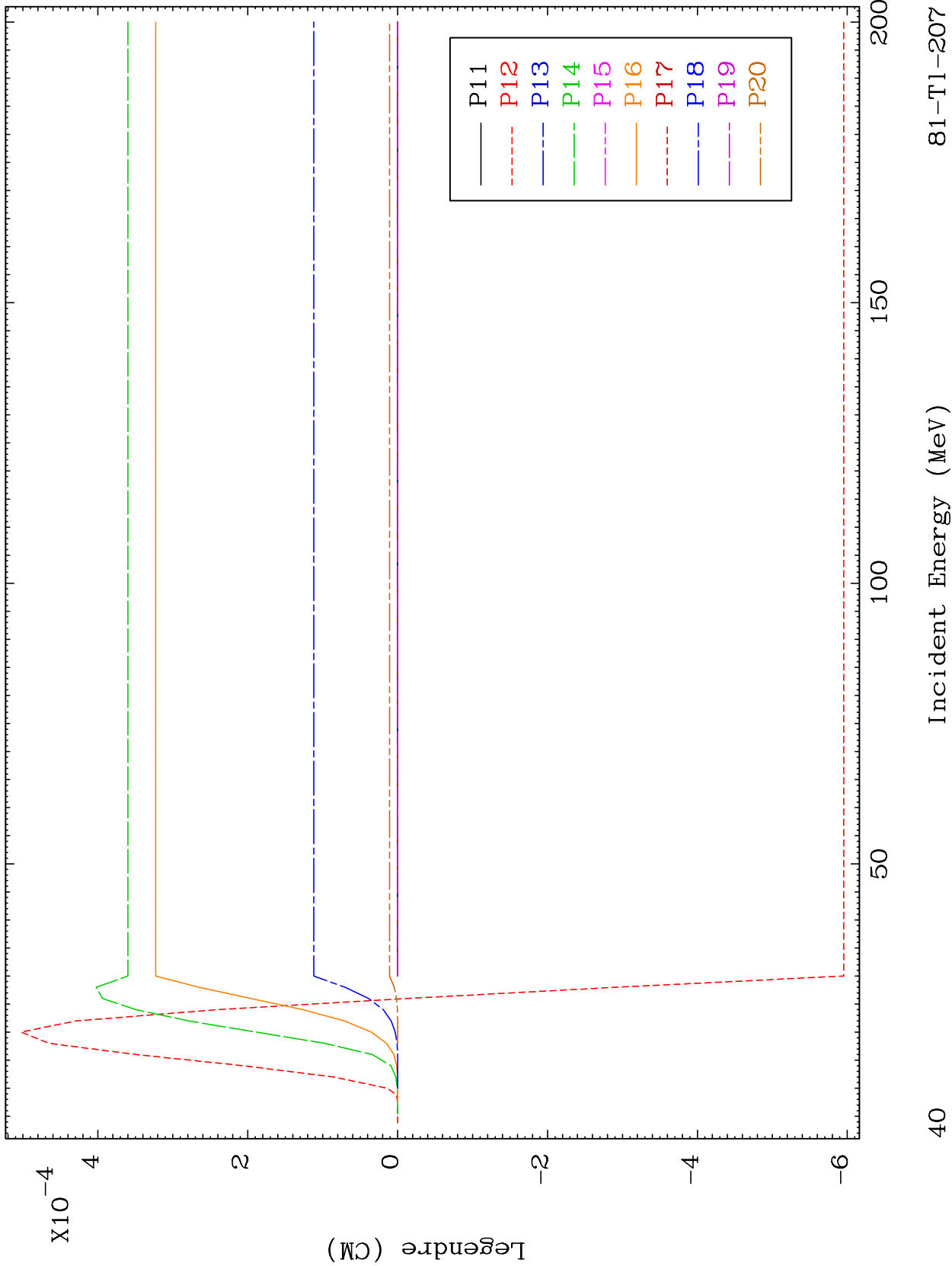
81-T1-207



MAT 8137

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

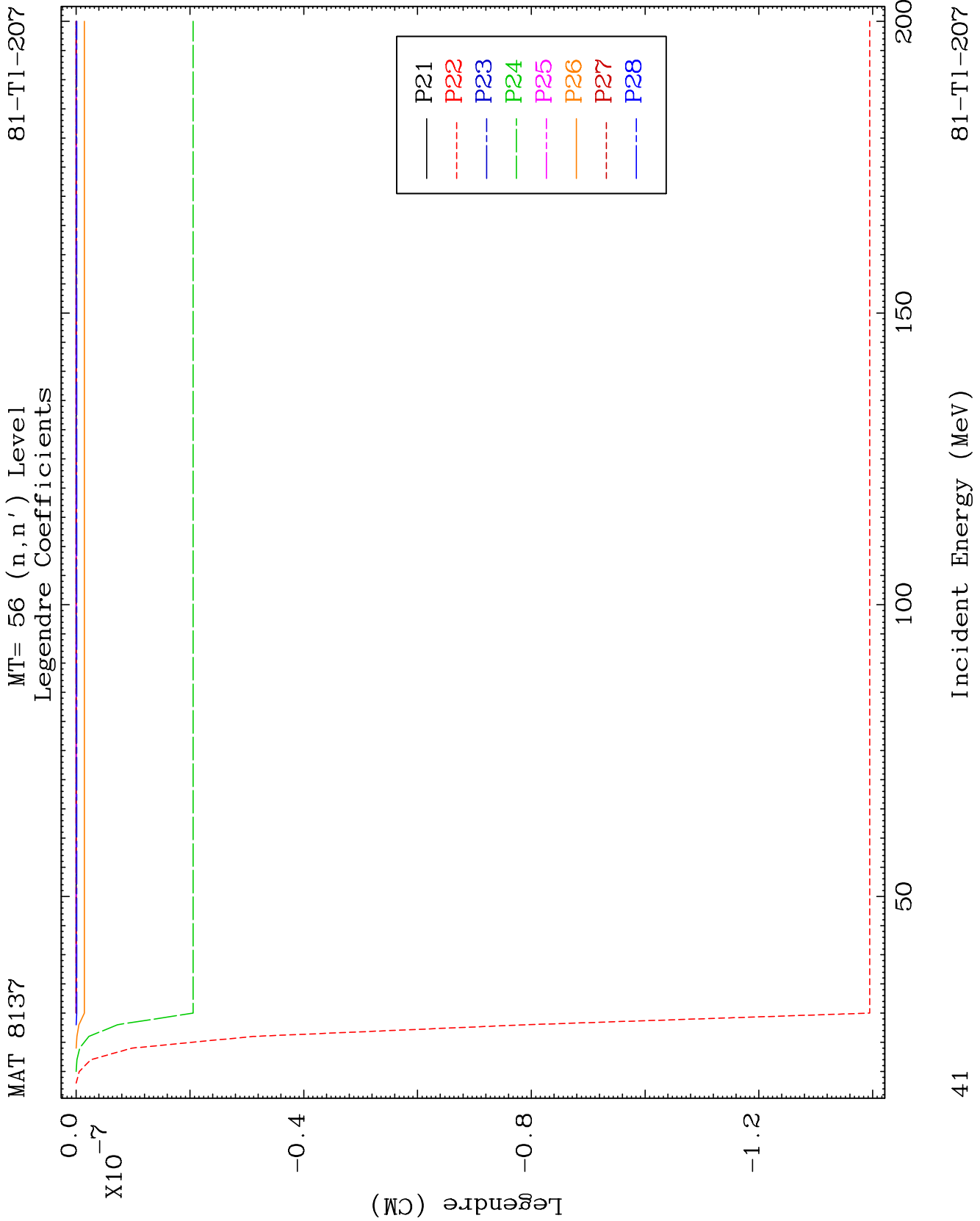
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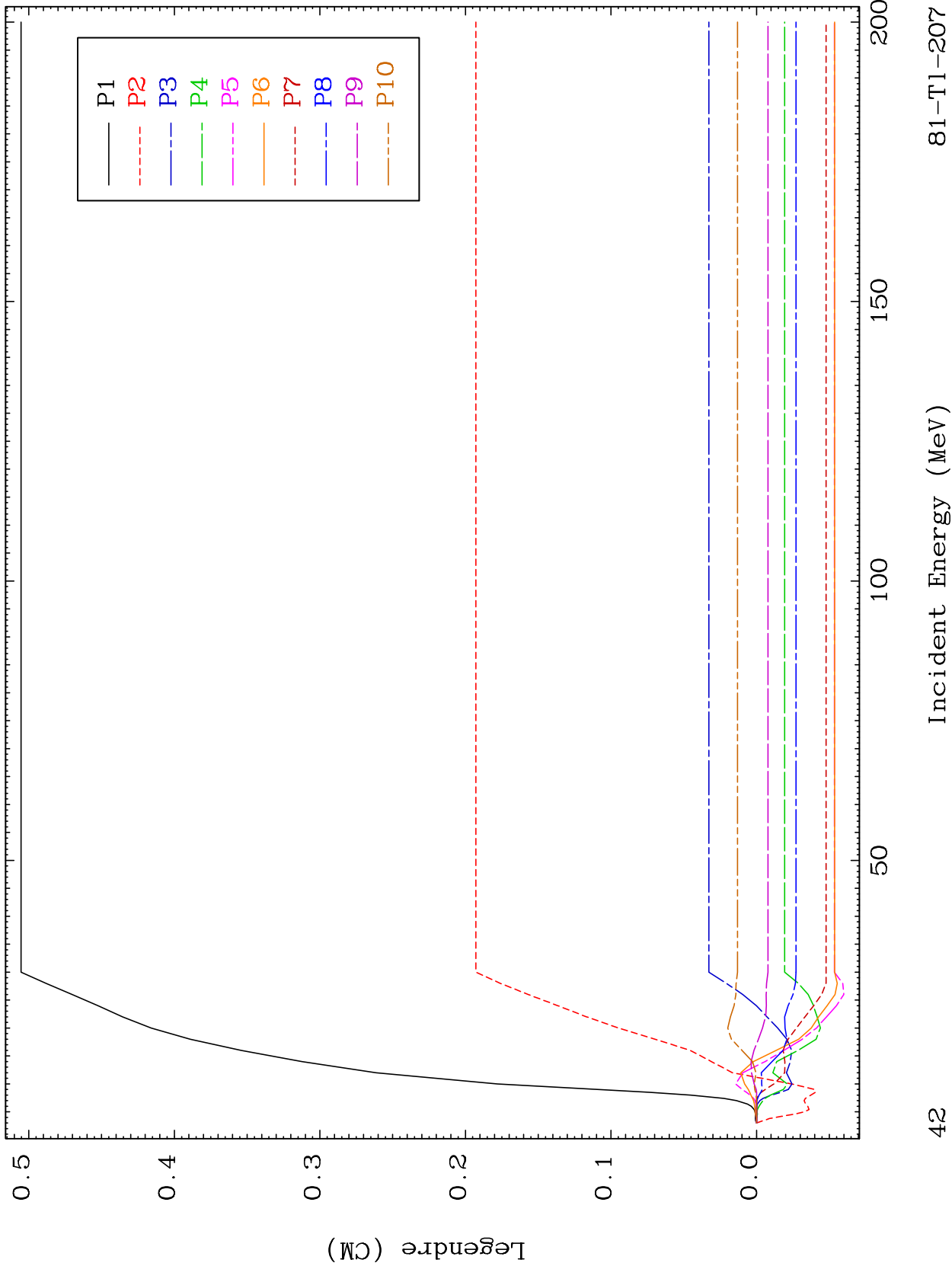


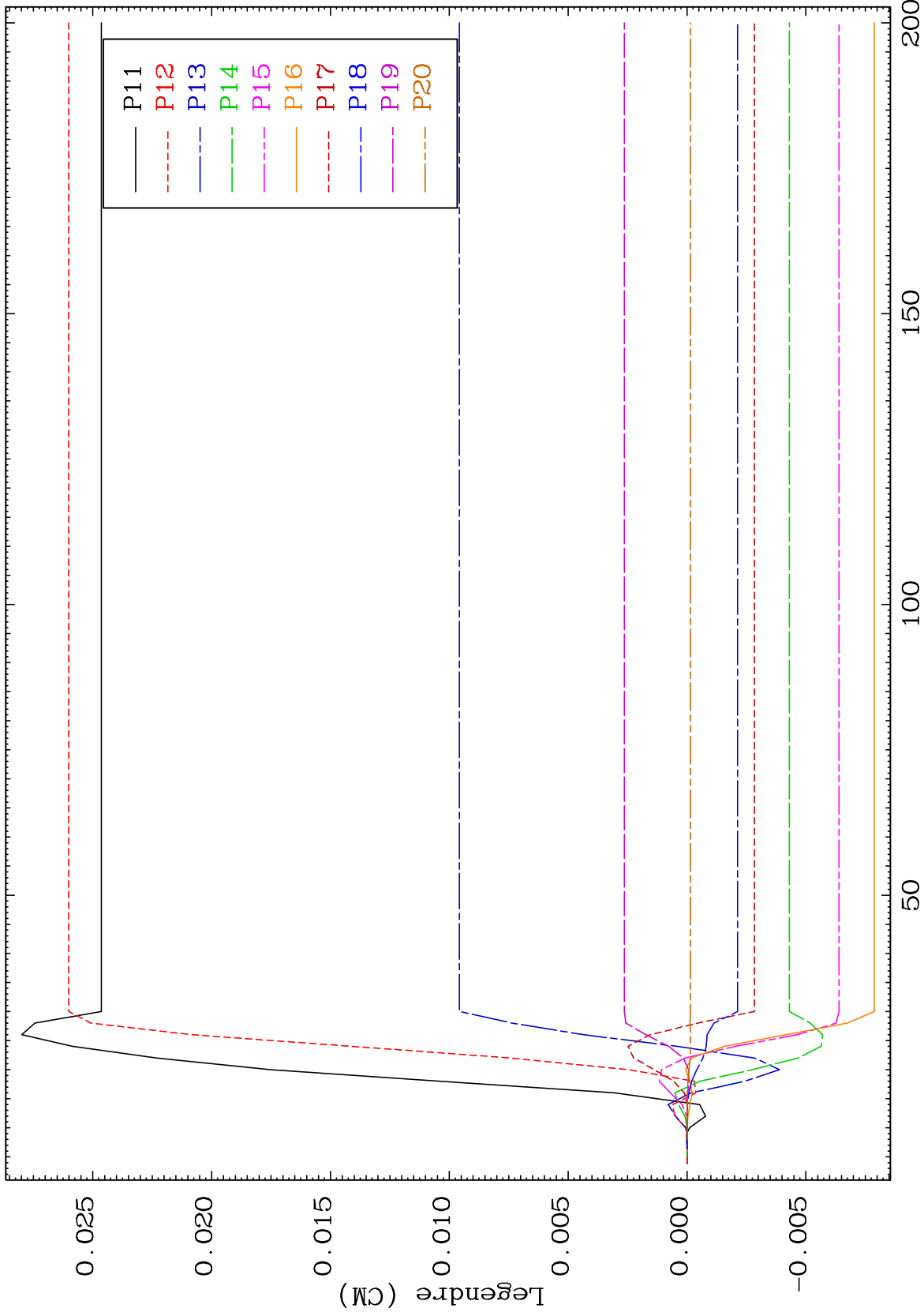
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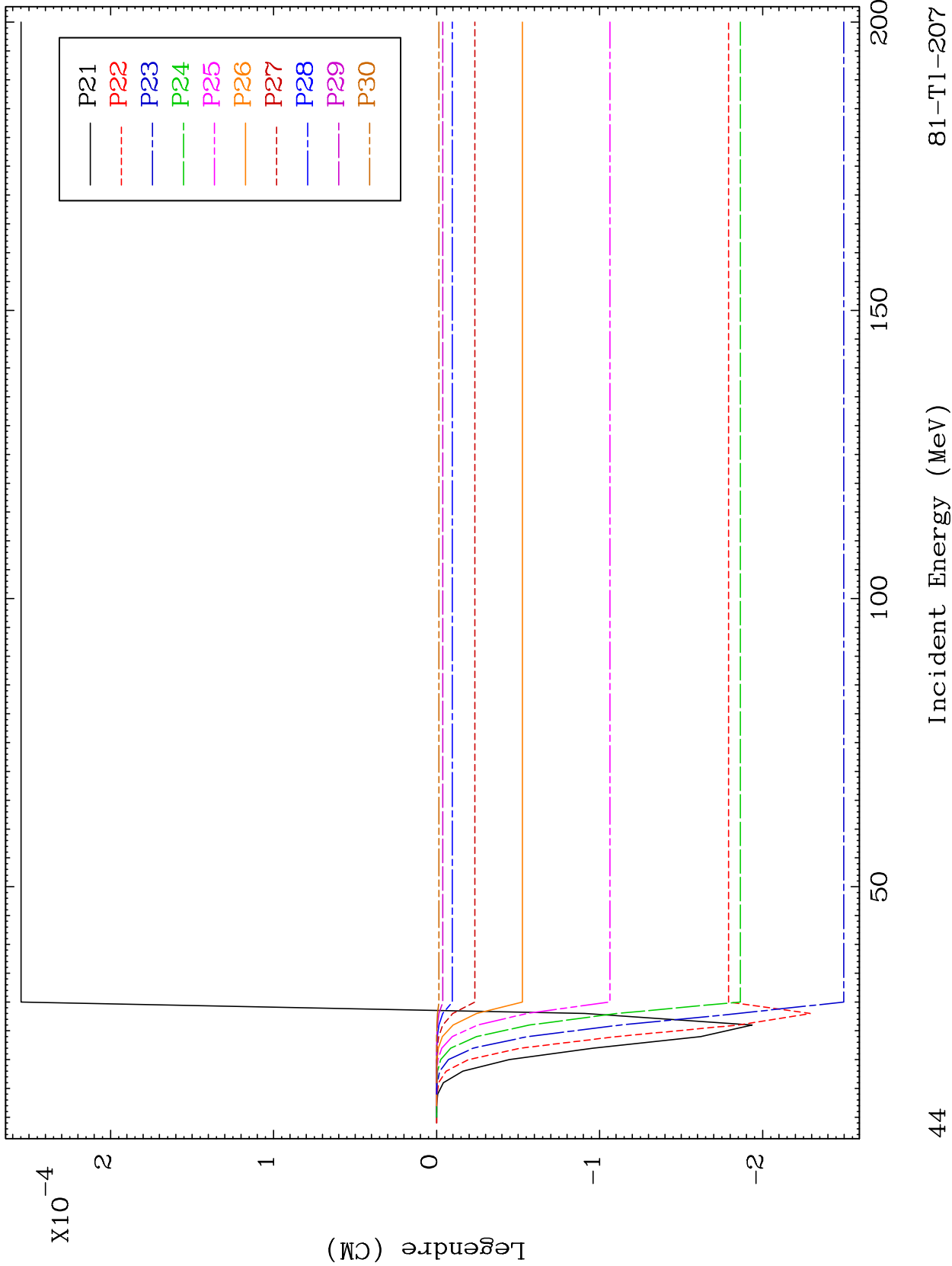
Incident Energy (MeV)

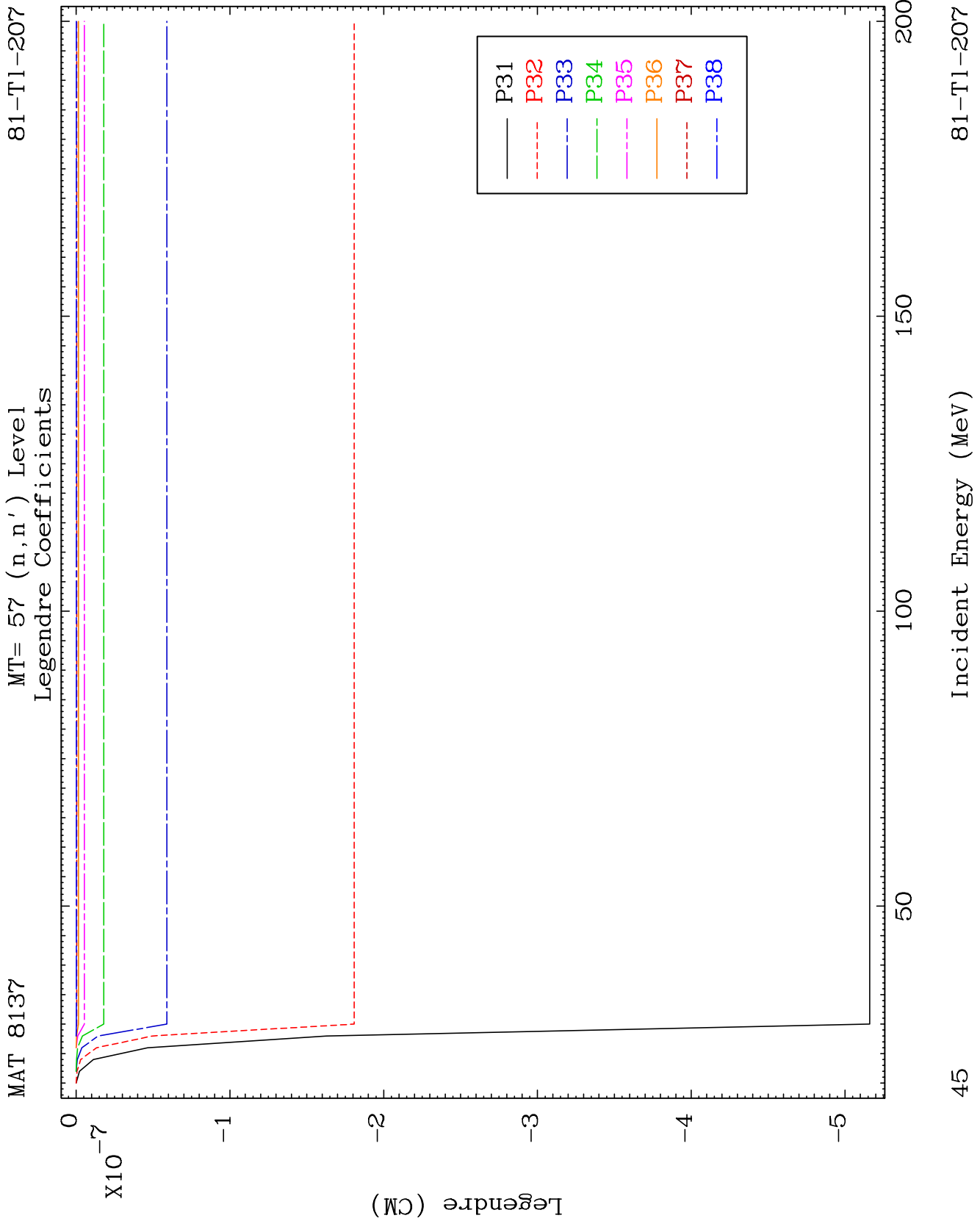
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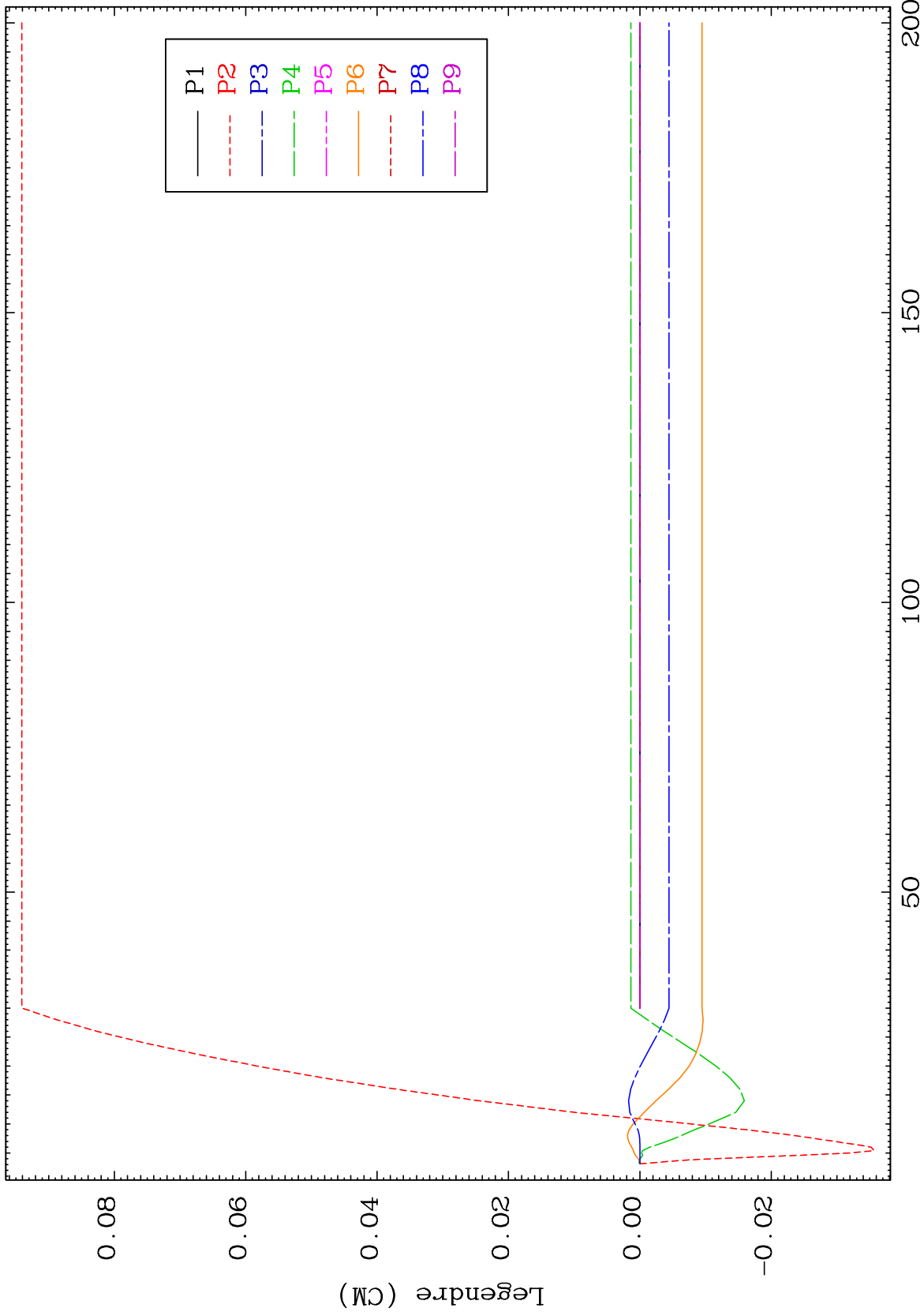




MAT 8137

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

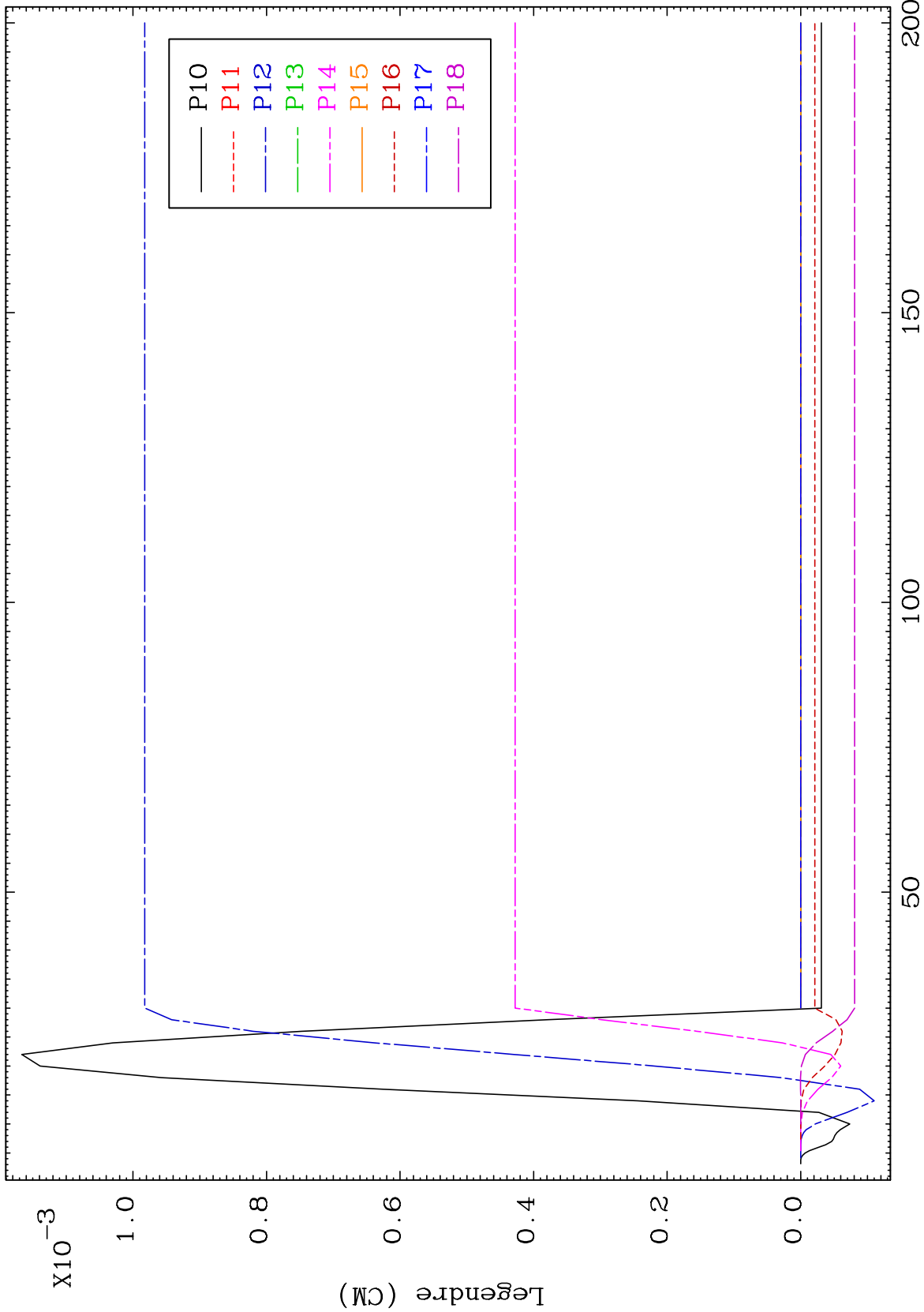
81-T1-207



46

Incident Energy (MeV)

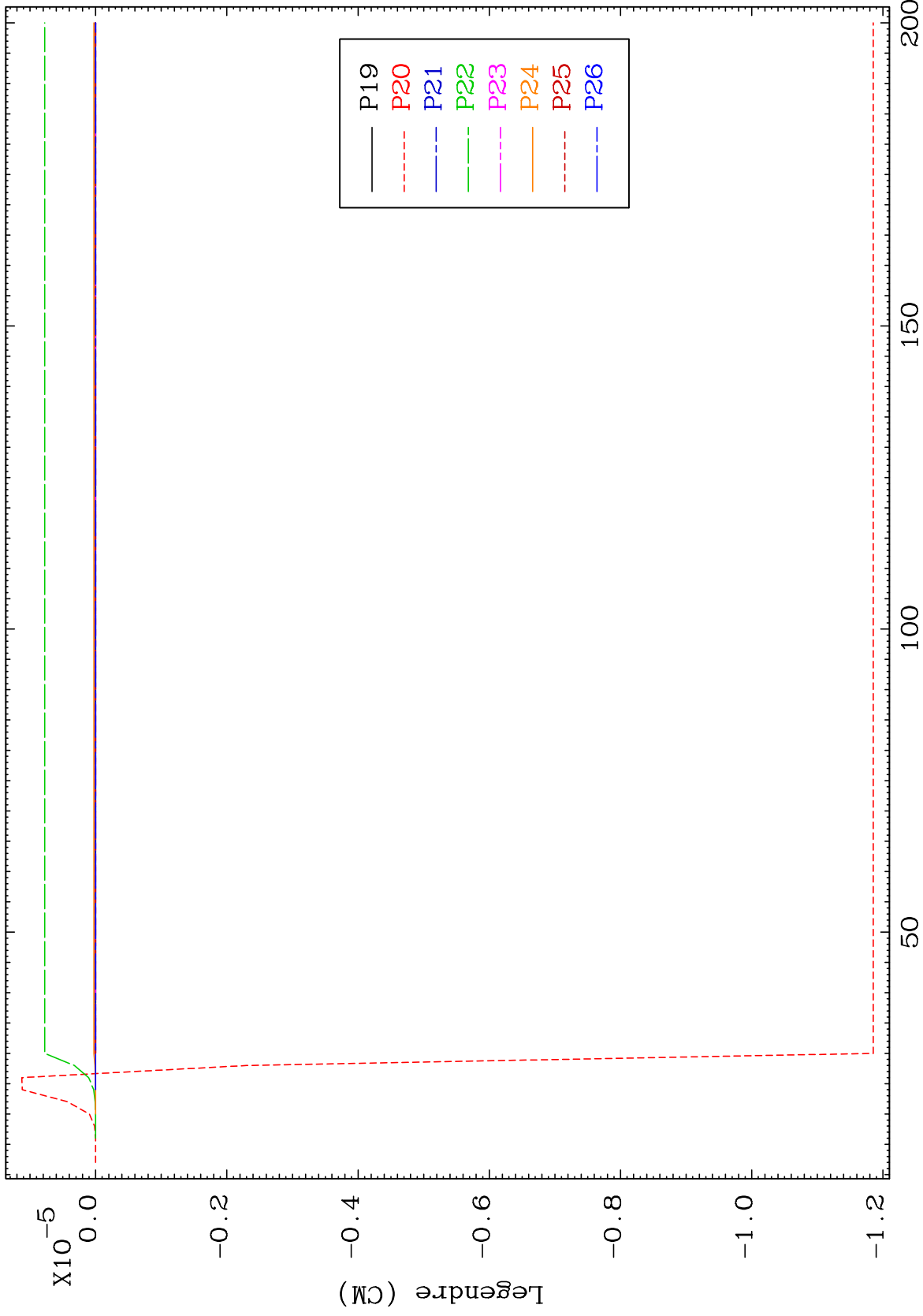
81-T1-207



MAT 8137

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

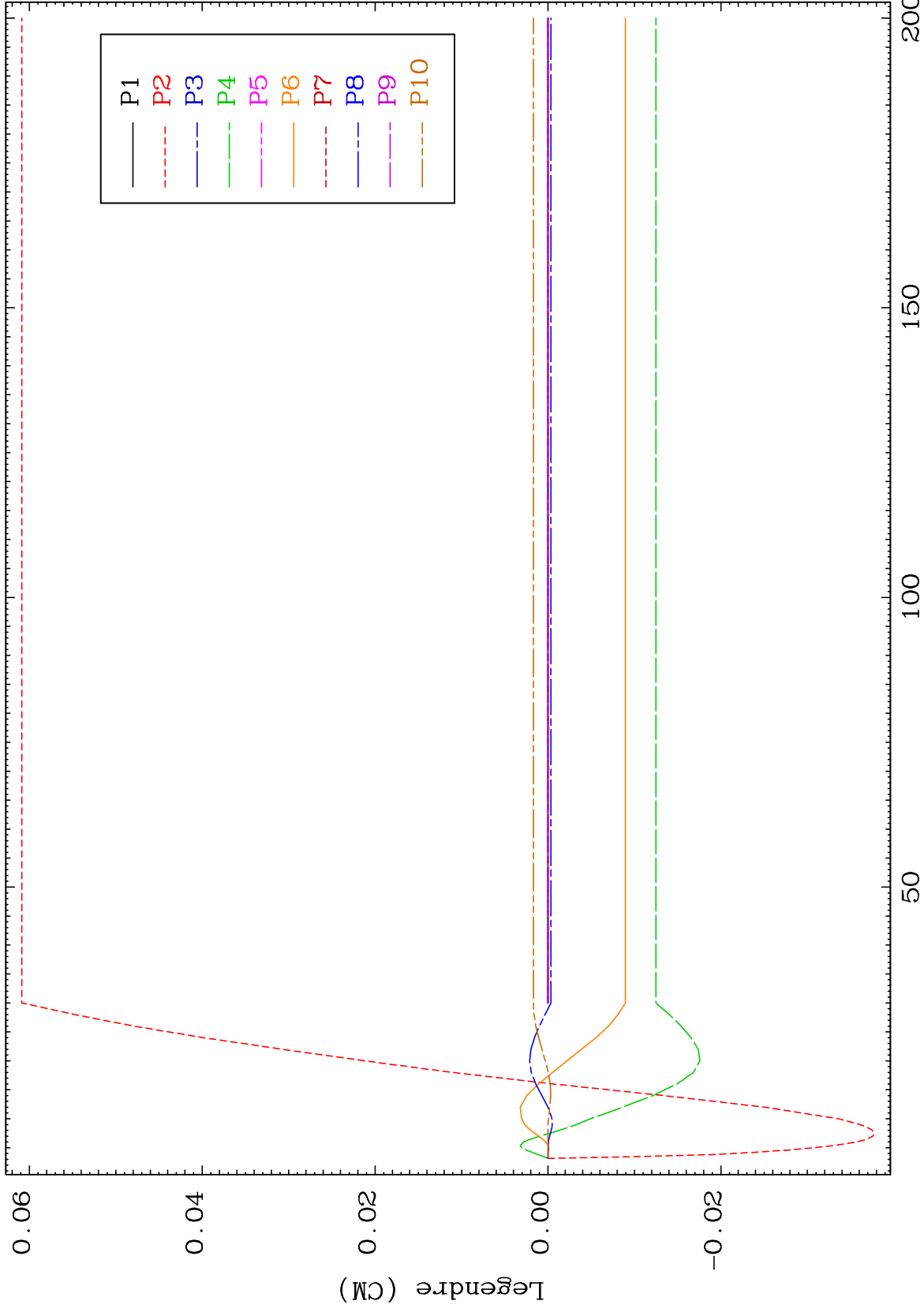
81-Tl-207



48

Incident Energy (MeV)

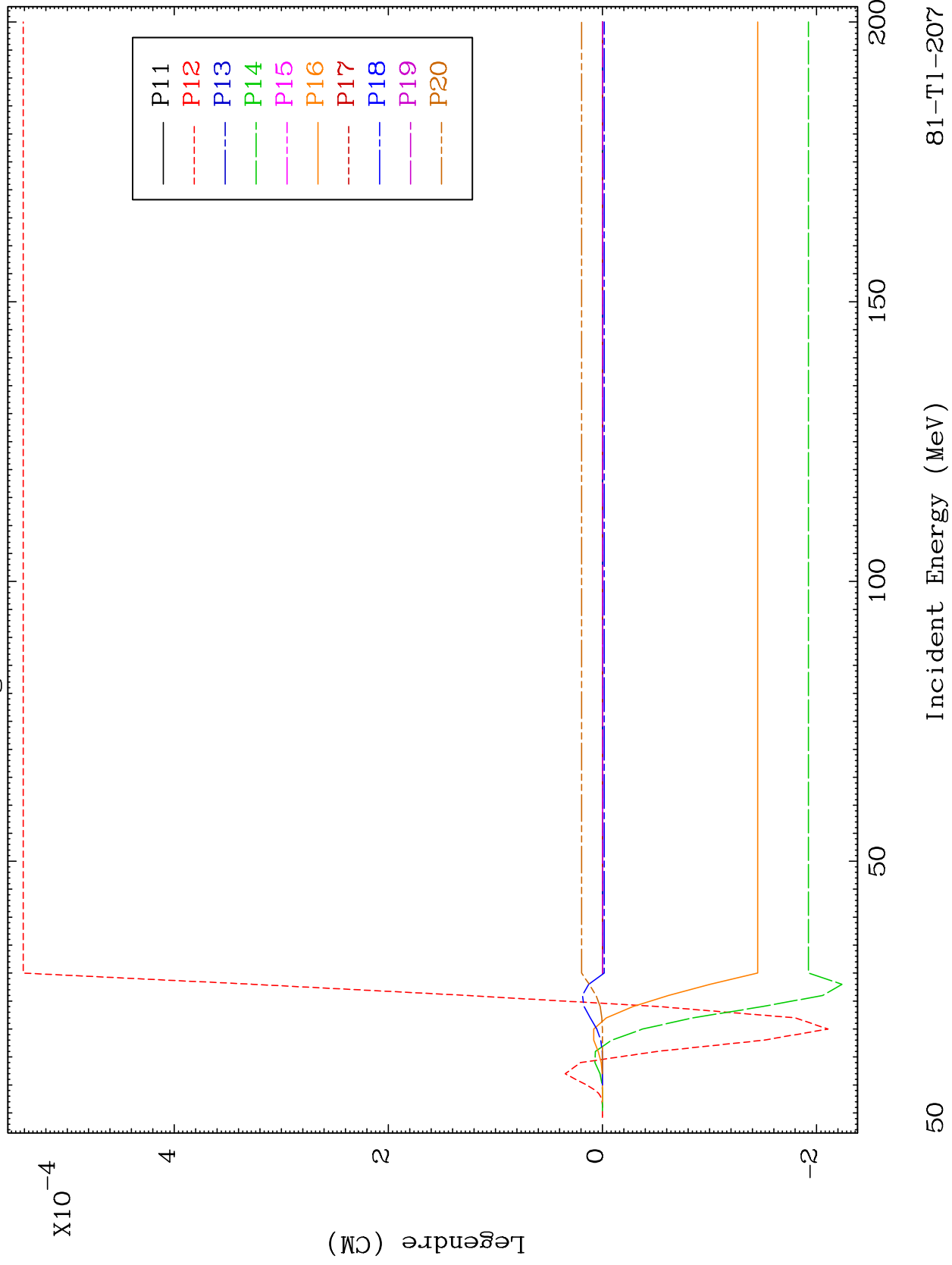
81-Tl-207



MAT 8137

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

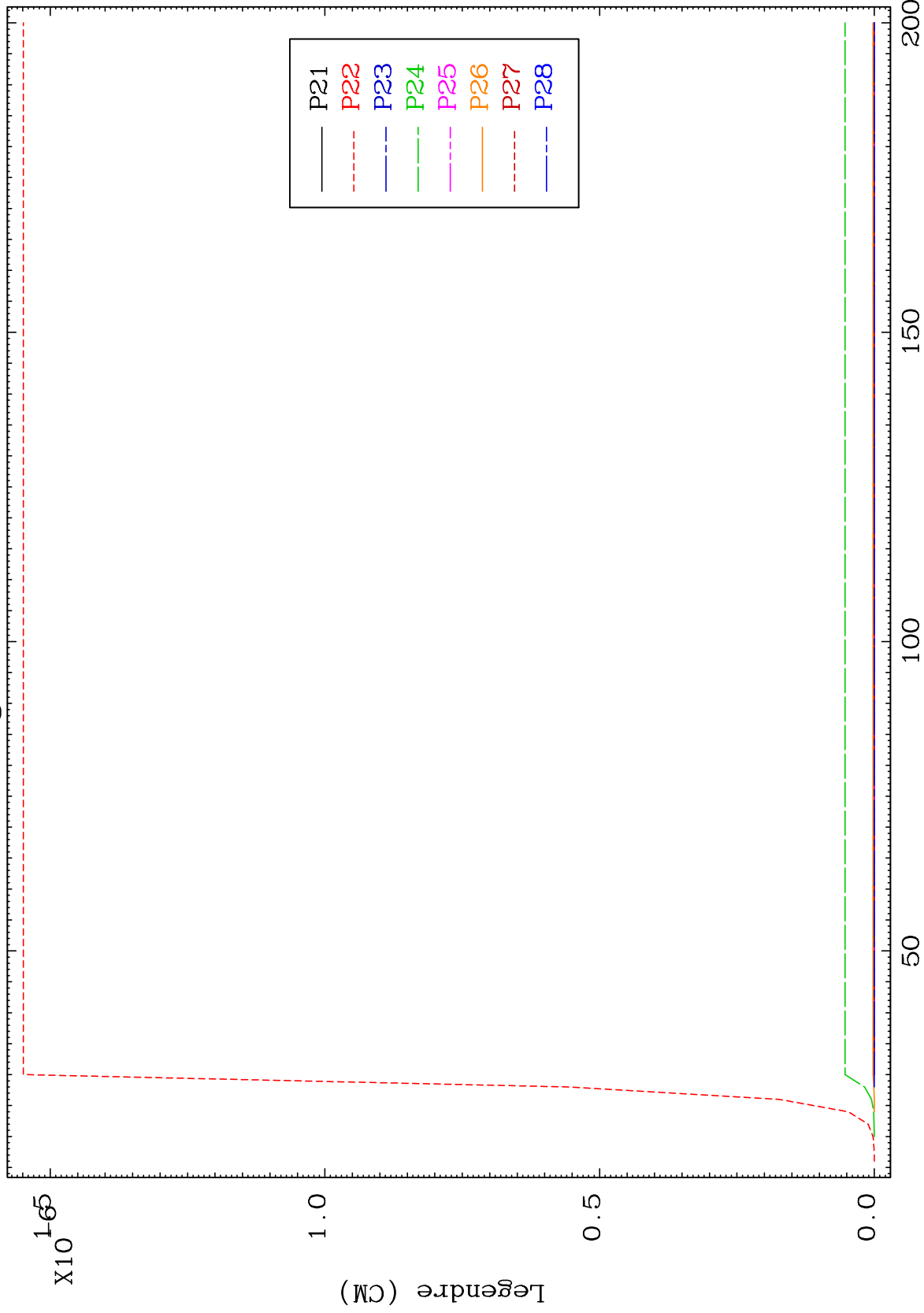
81-Tl-207



MAT 8137

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

81-T1-207



51

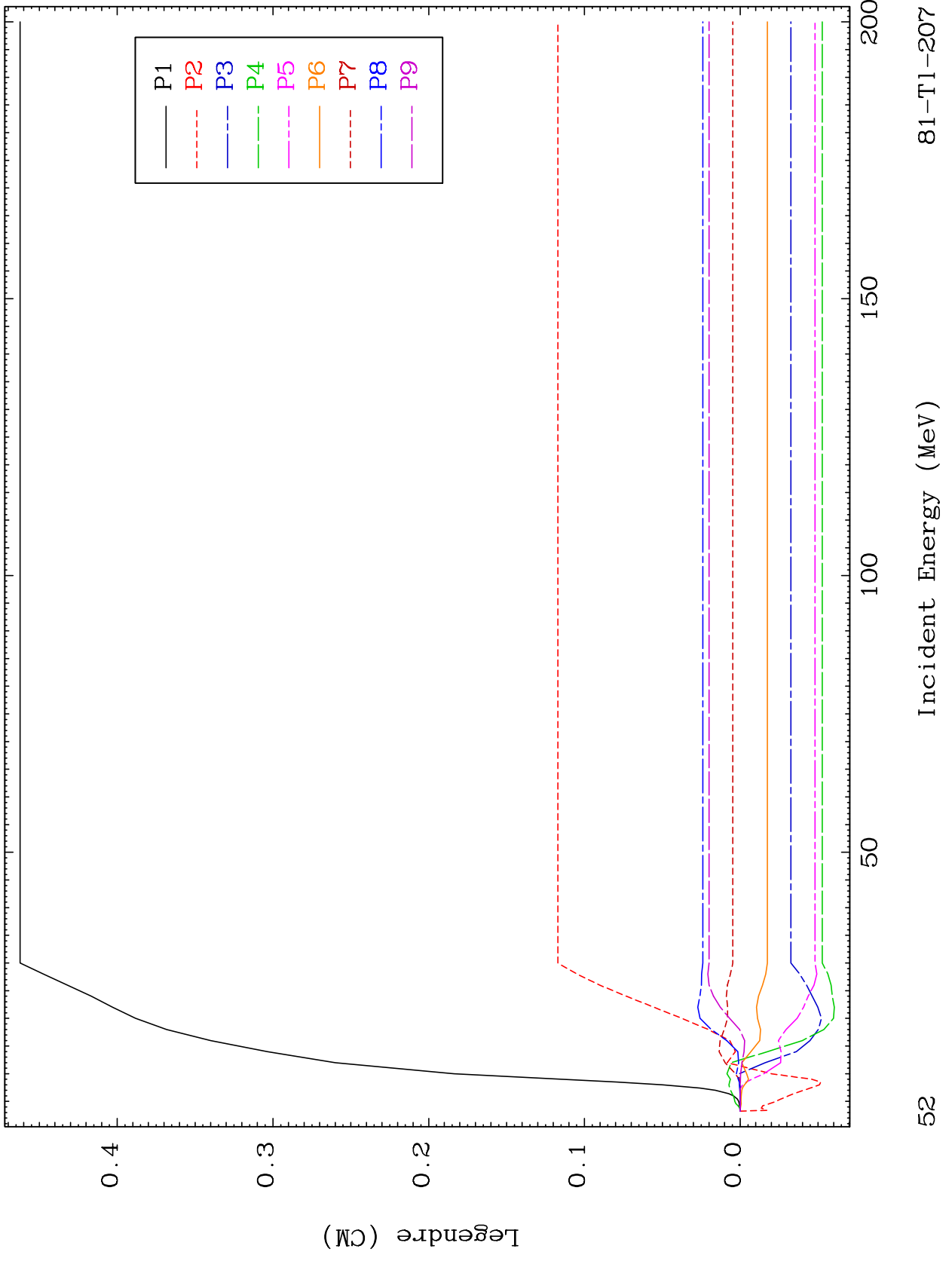
Incident Energy (MeV)

81-T1-207

MAT 8137

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

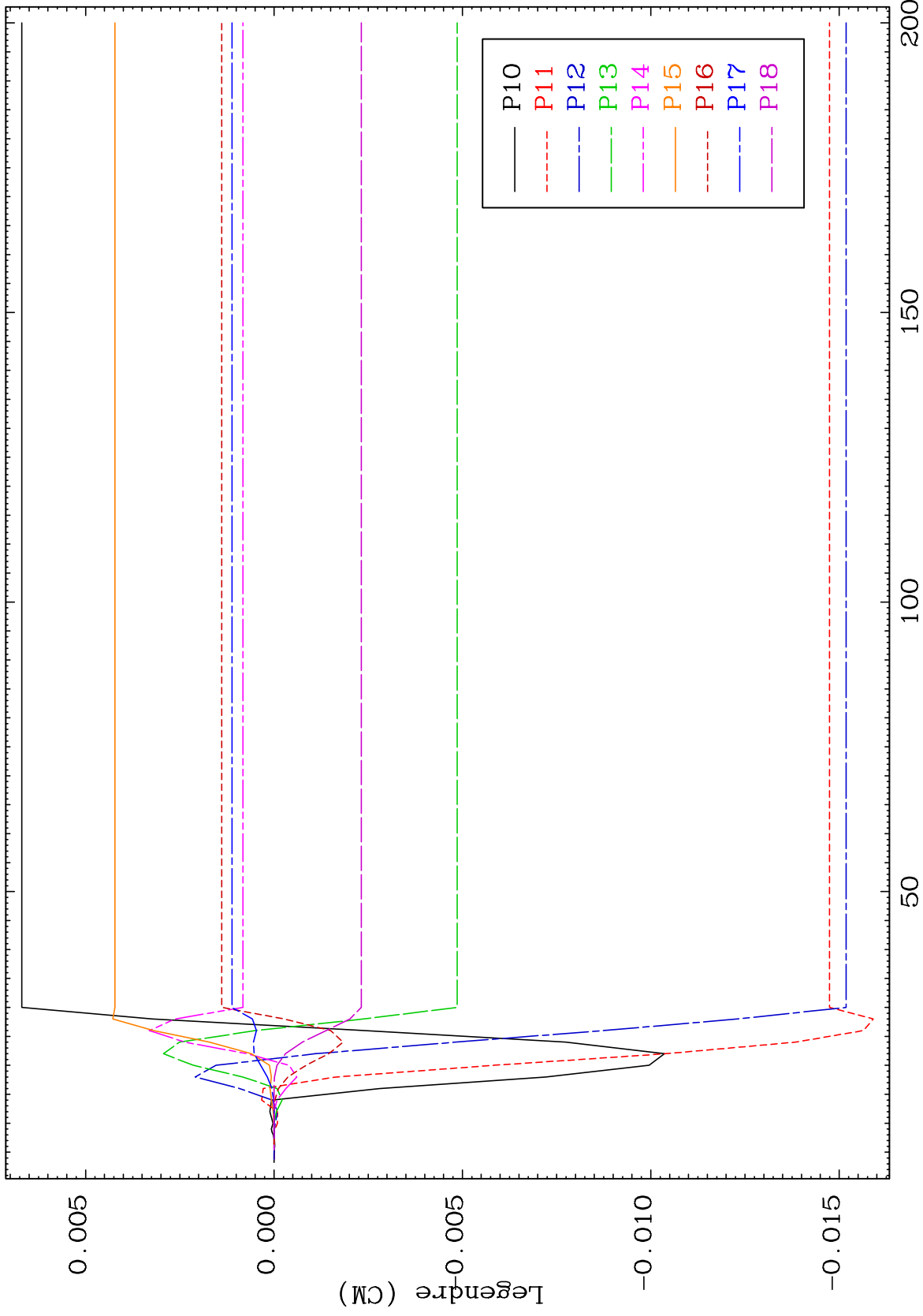
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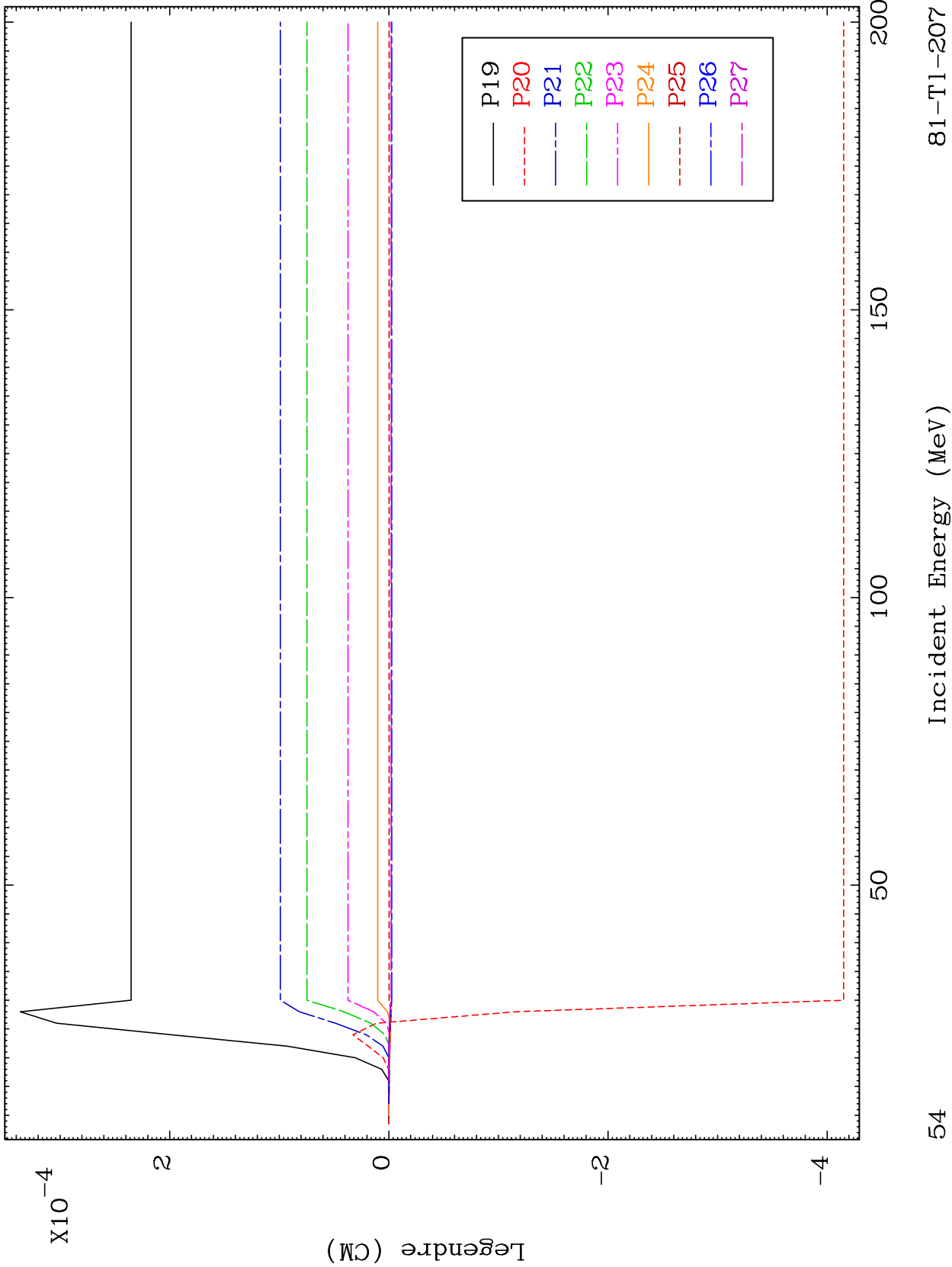


52

Incident Energy (MeV)

81-T1-207

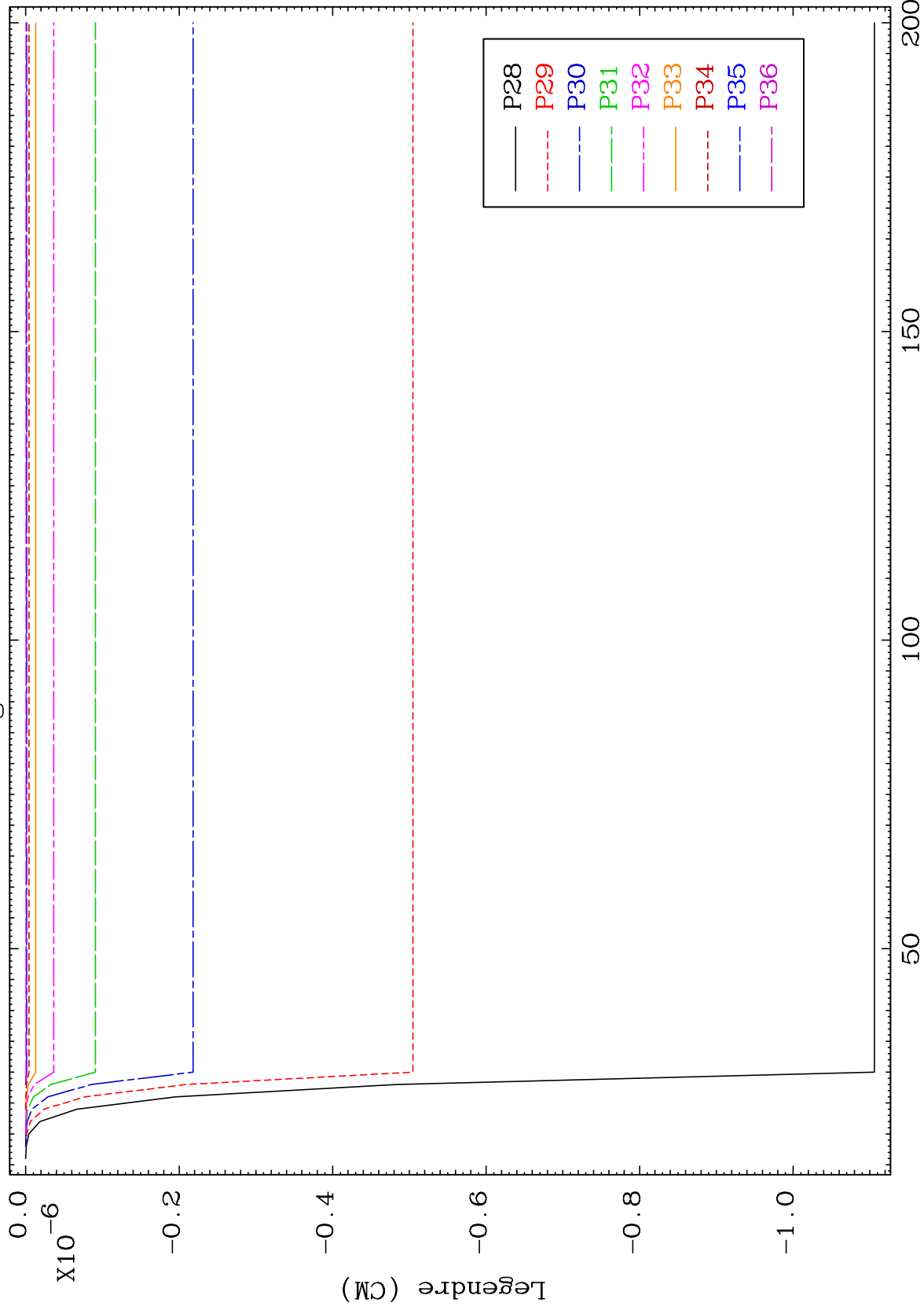




MAT 8137

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

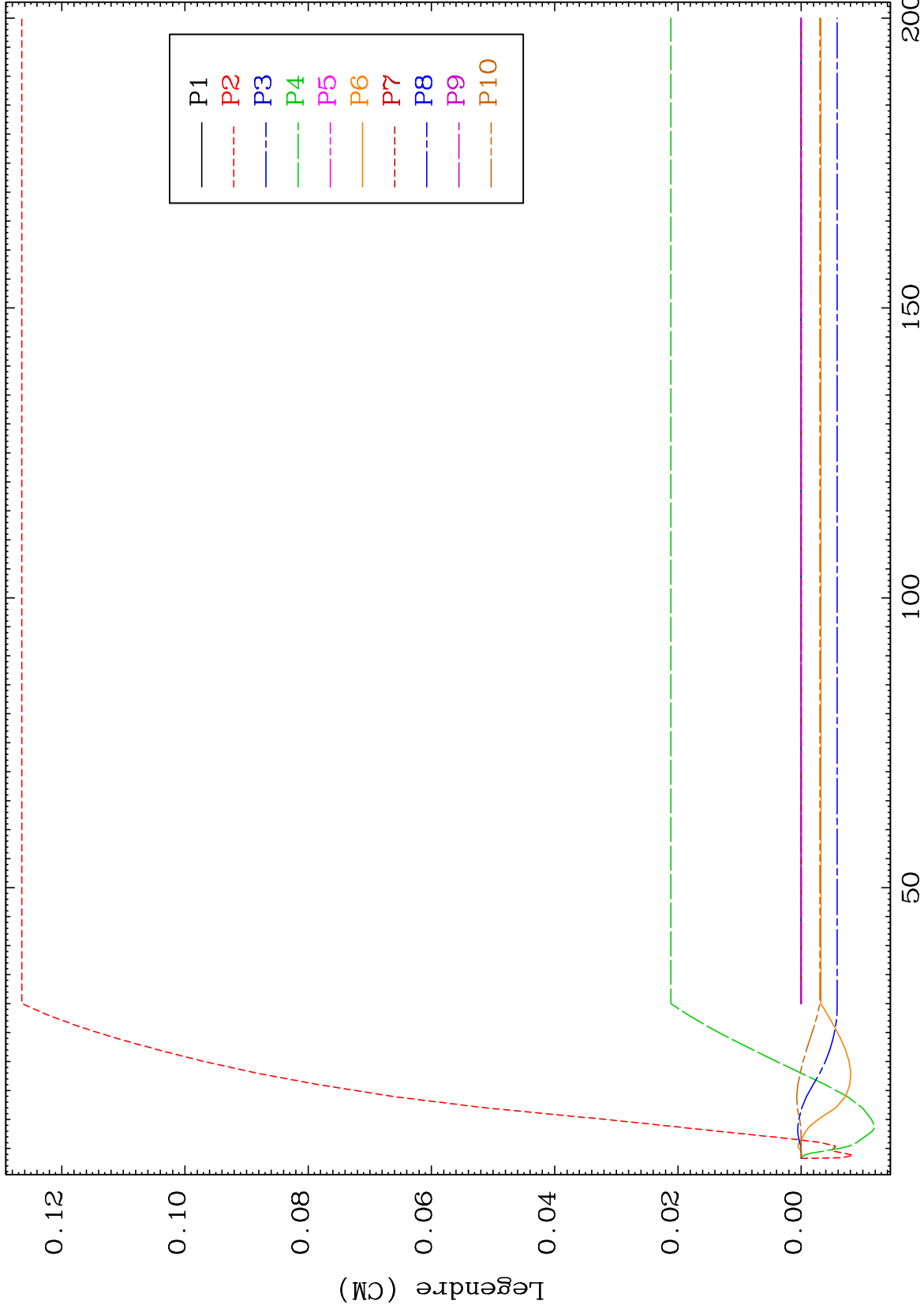
81-T1-207



55

Incident Energy (MeV)

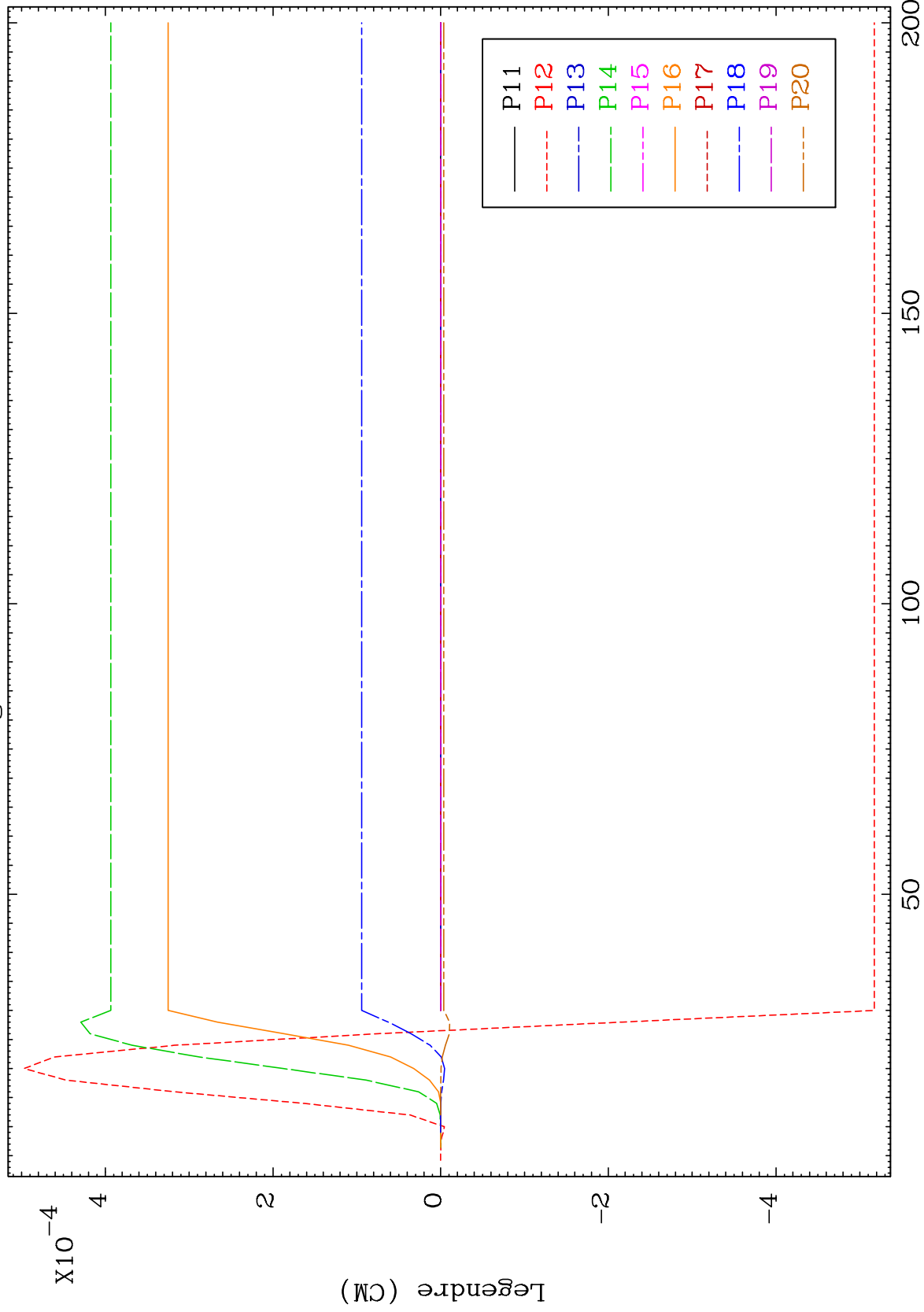
81-T1-207



MAT 8137

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

81-T1-207



57

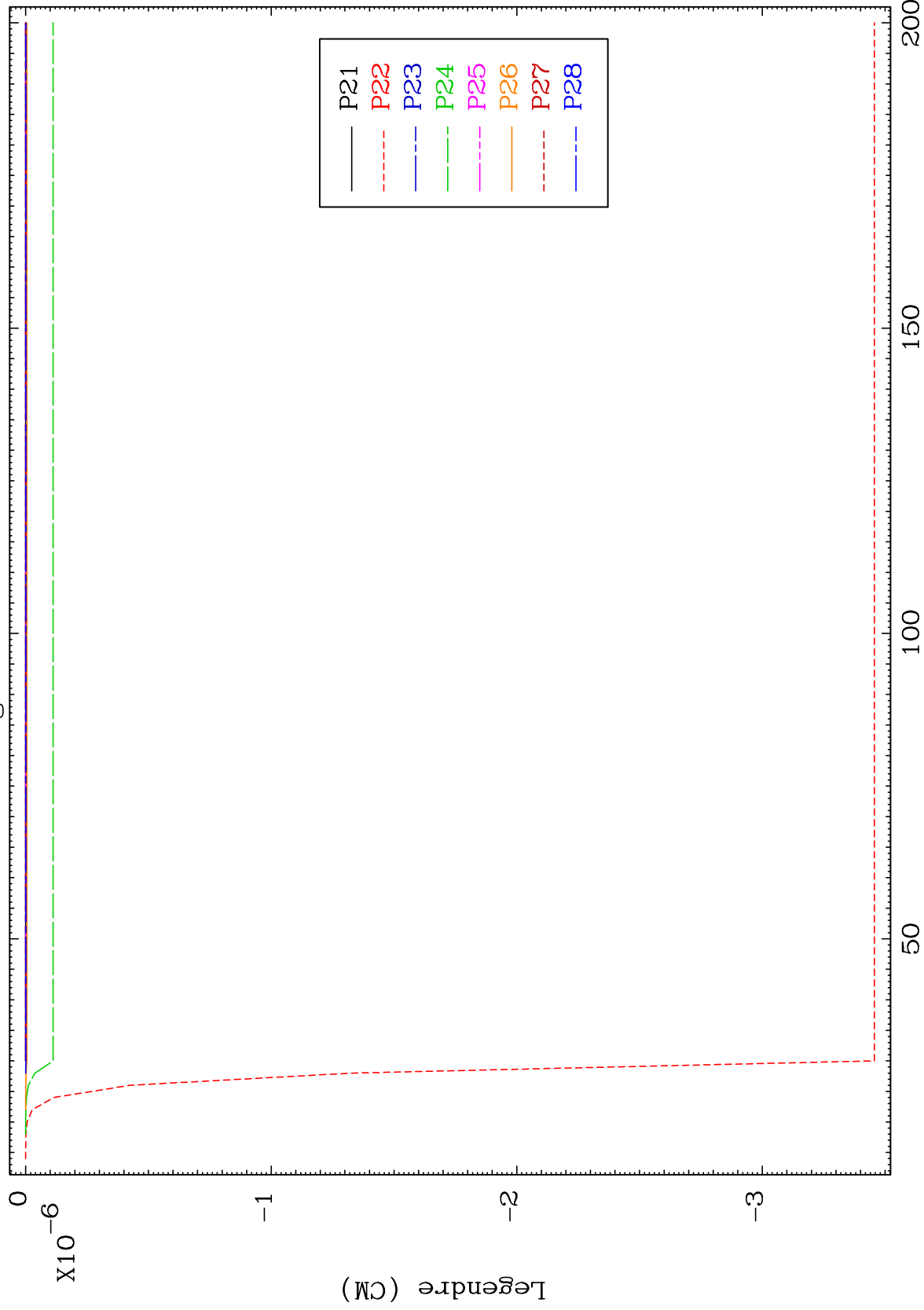
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



58

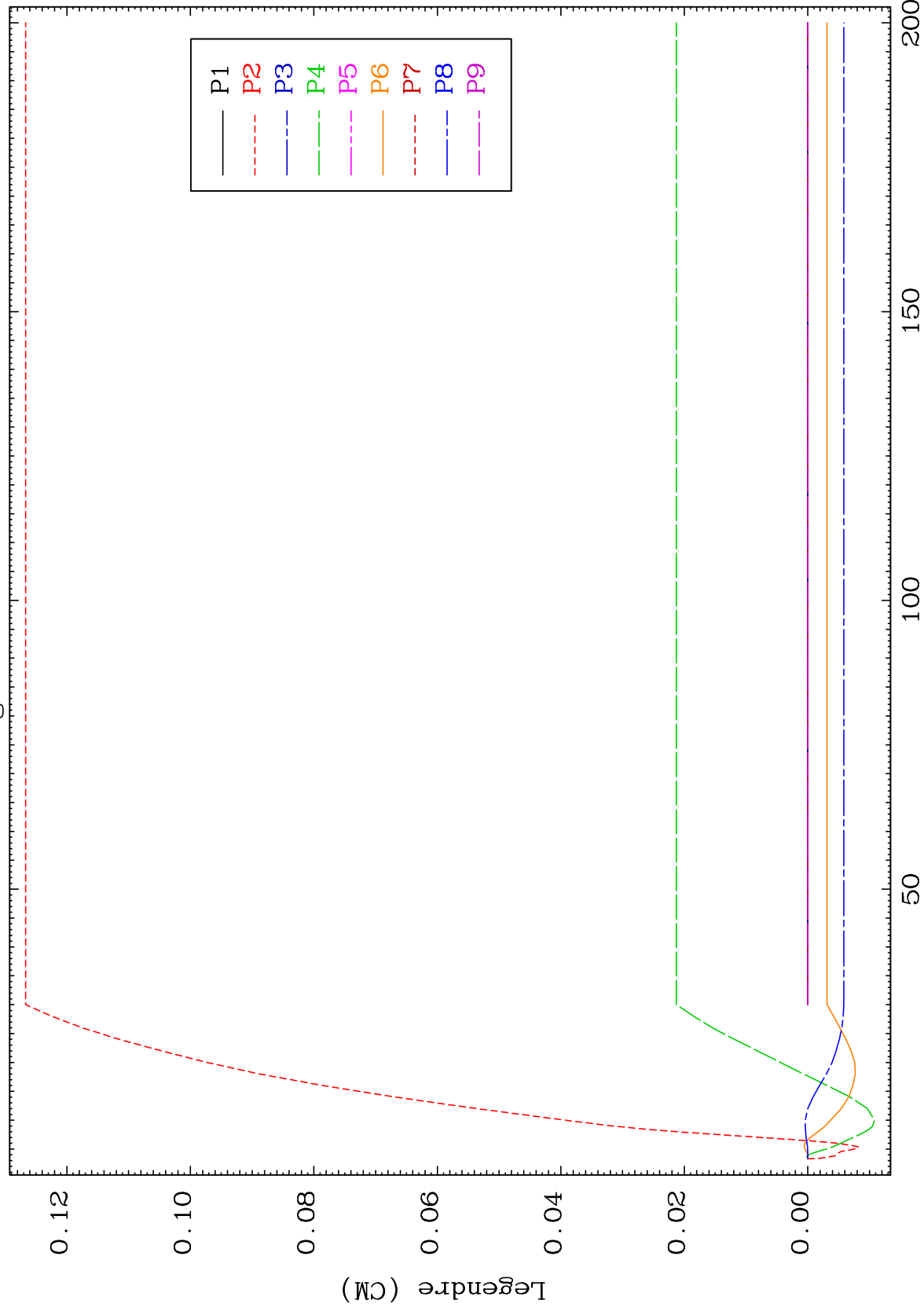
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



59

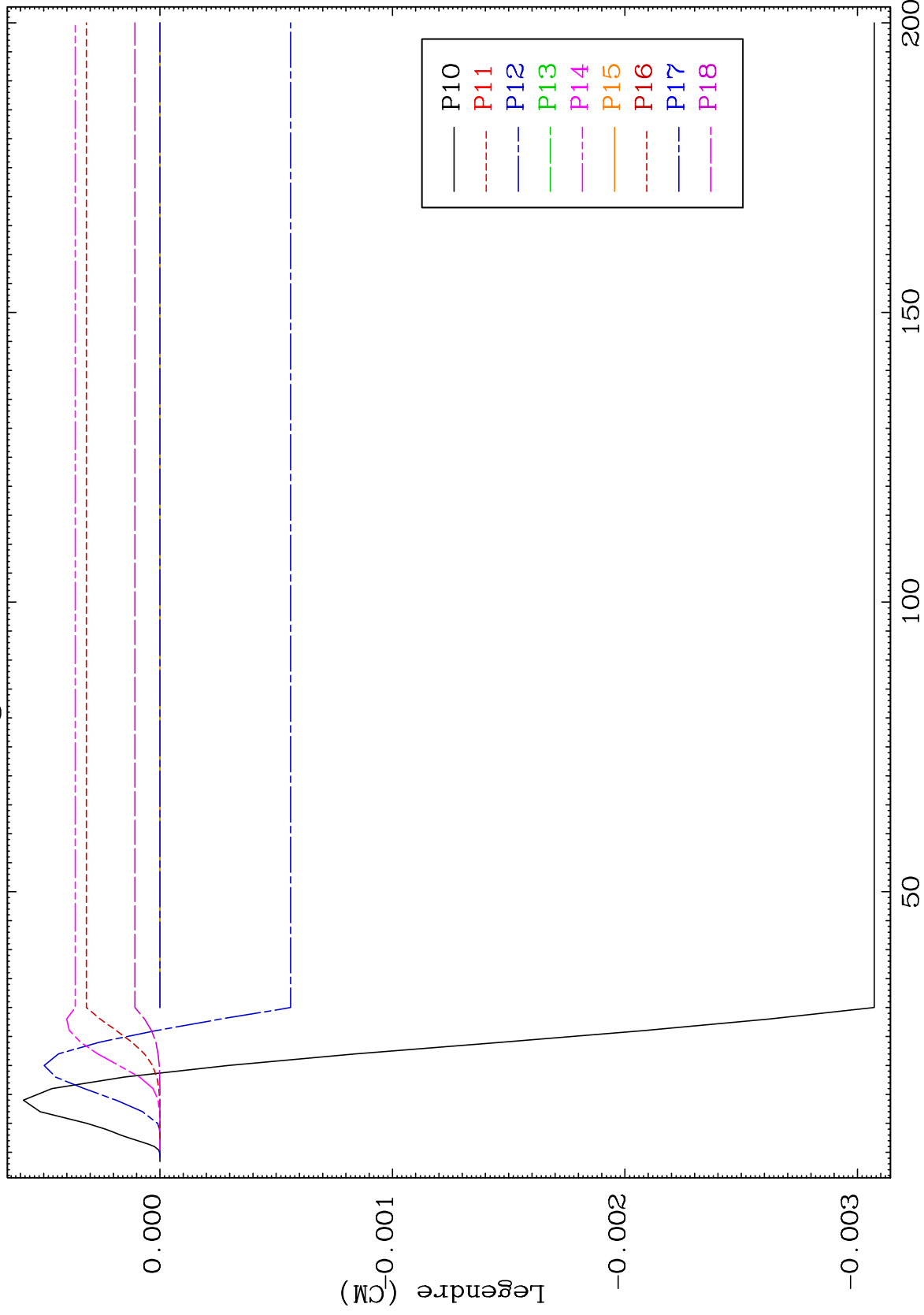
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



60

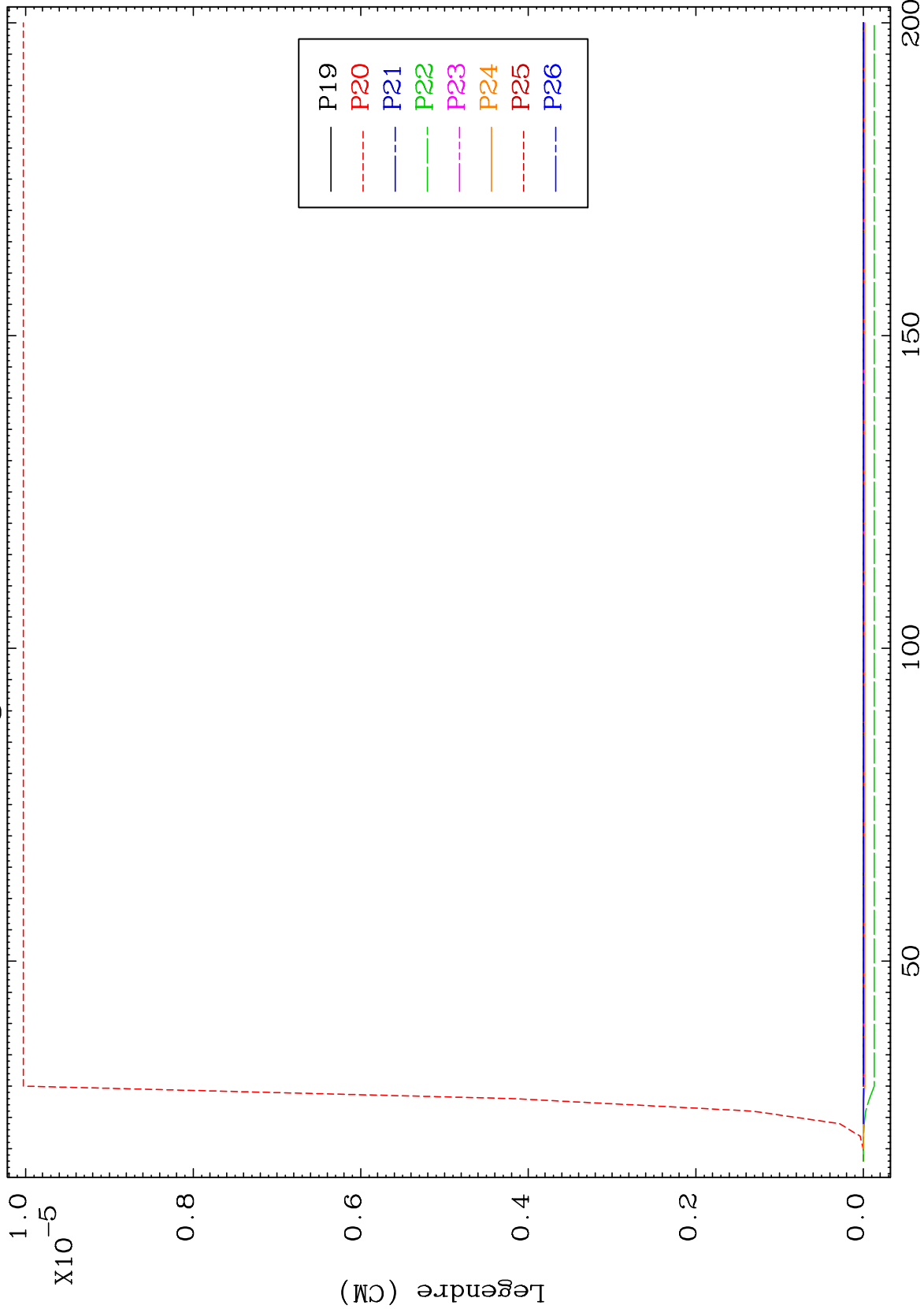
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



61

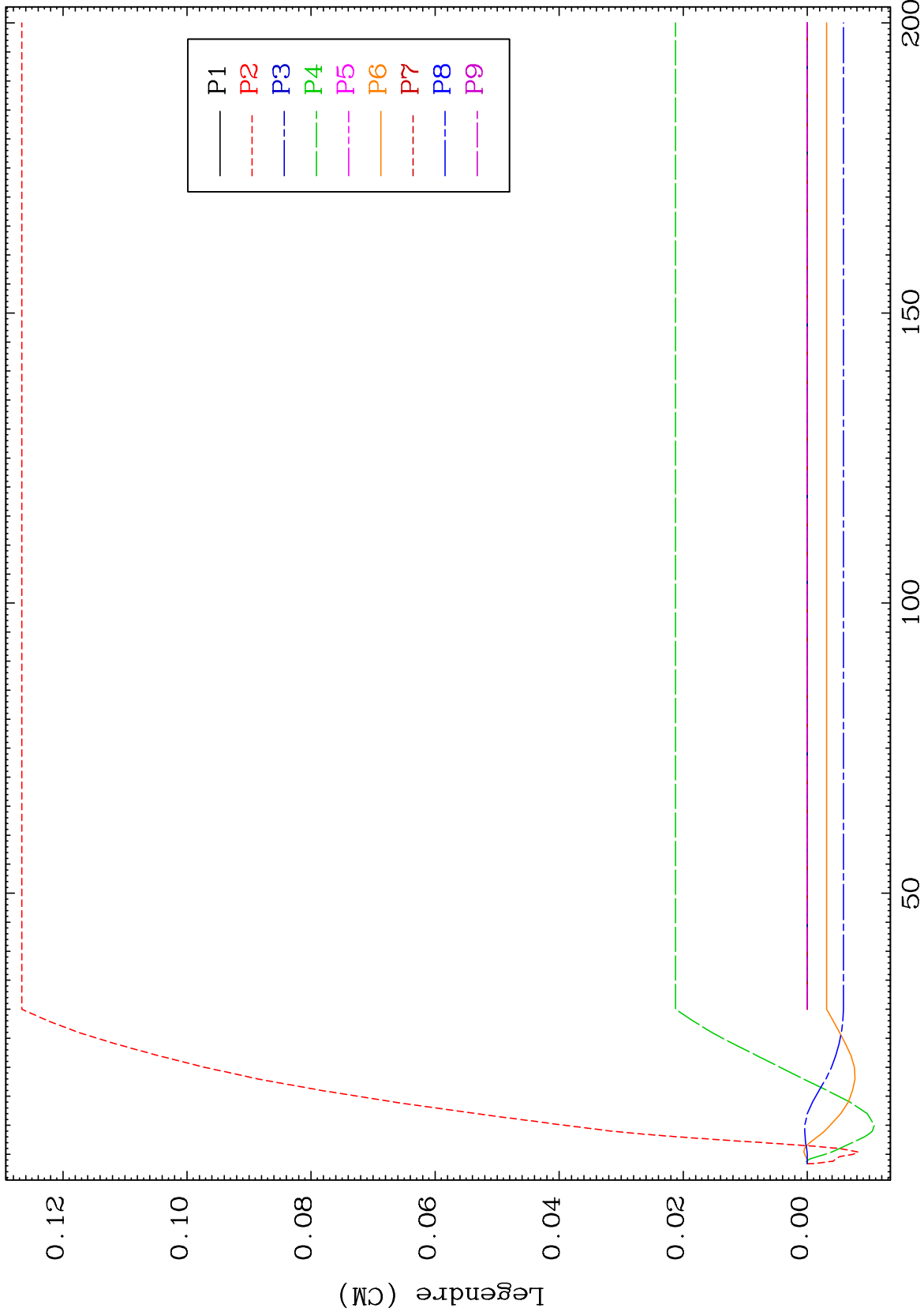
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



62

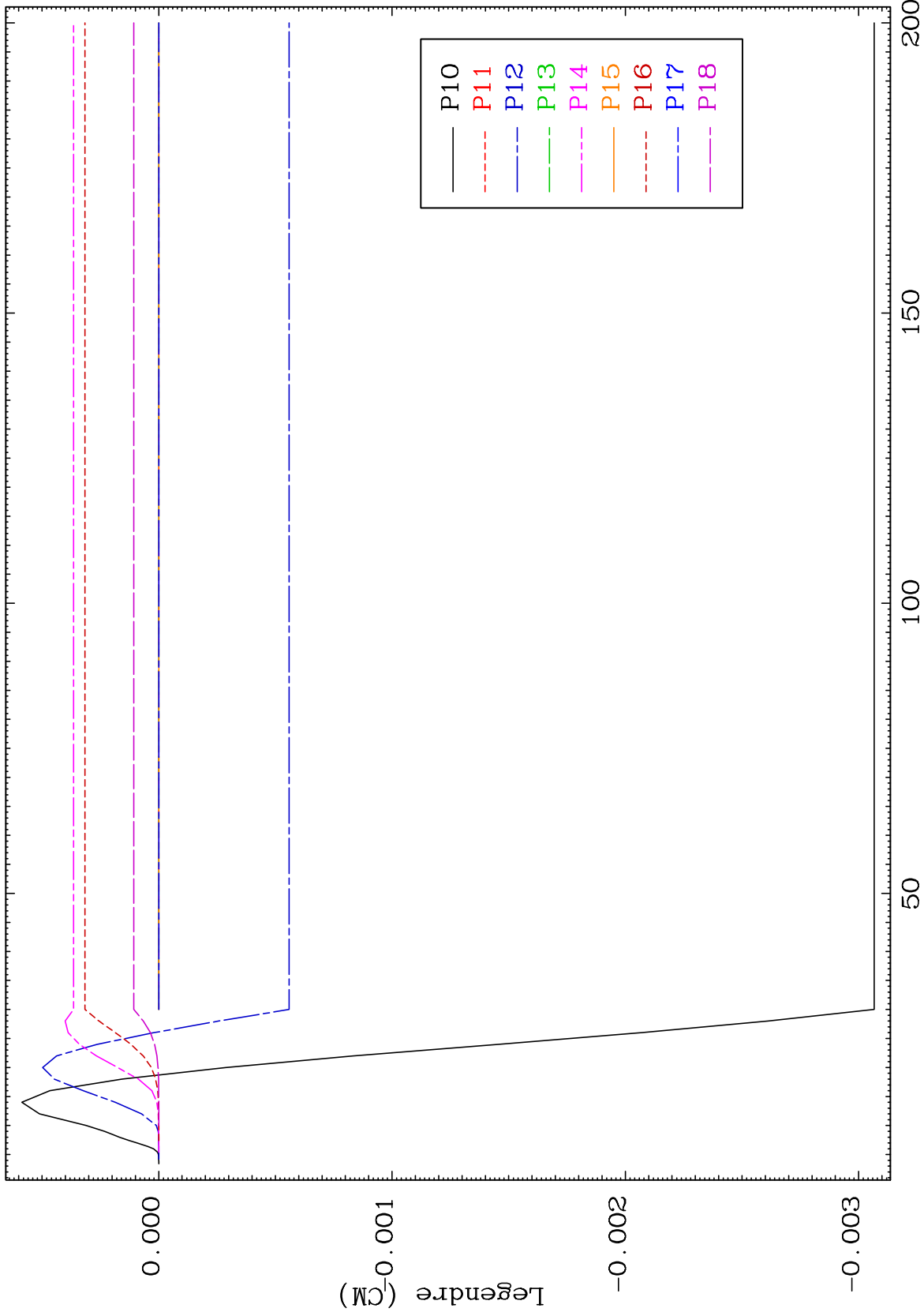
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



63

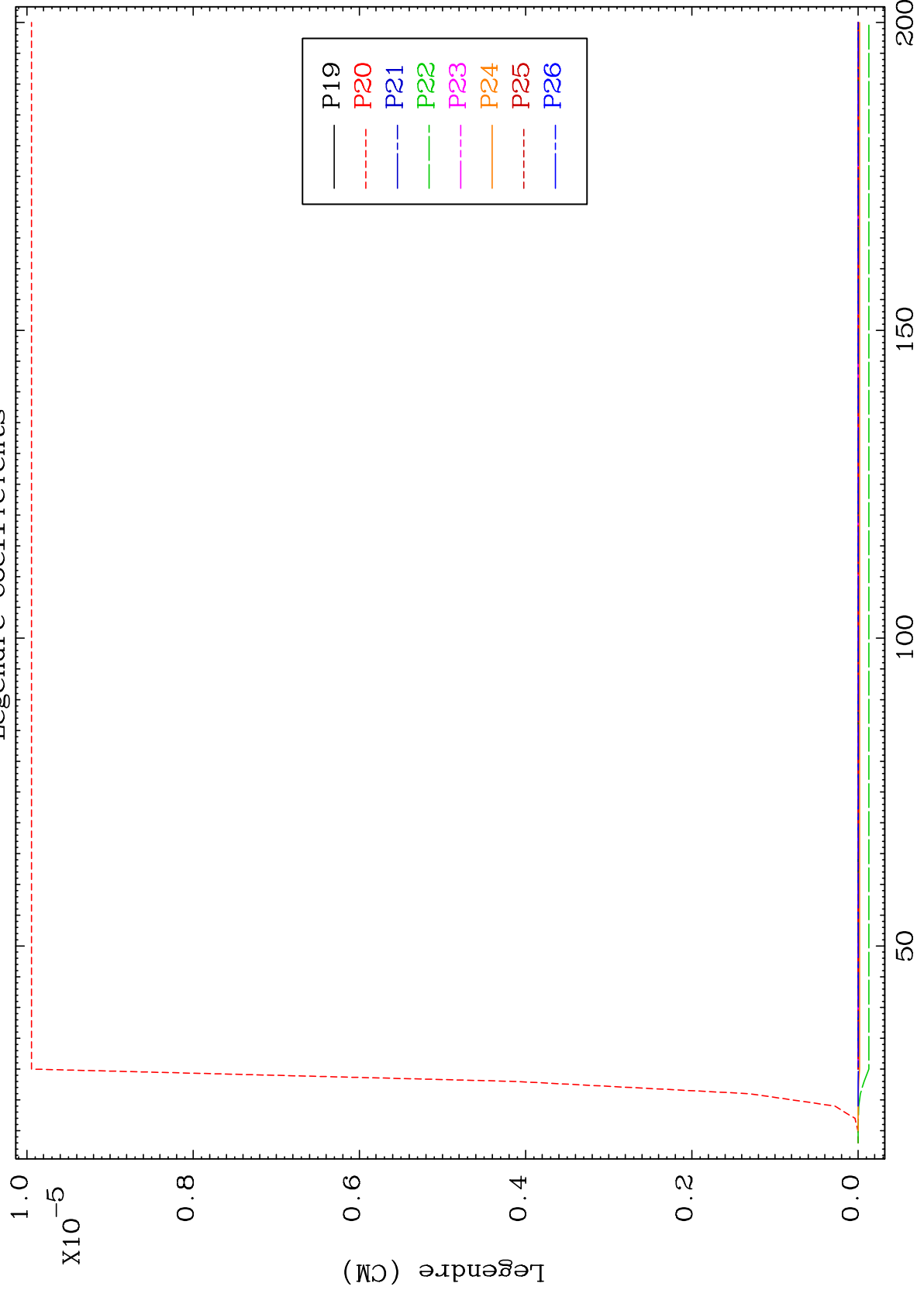
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



64

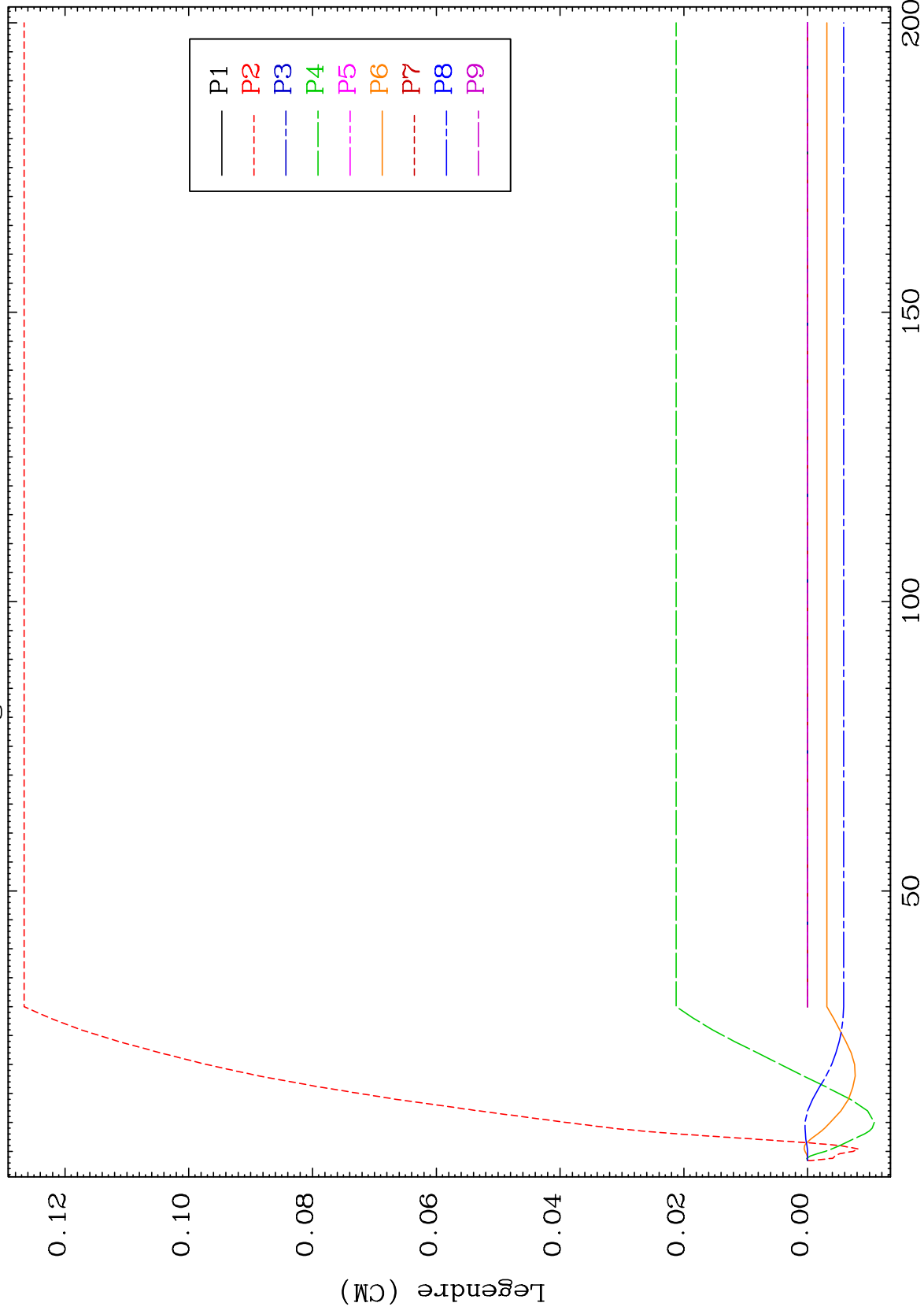
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



65

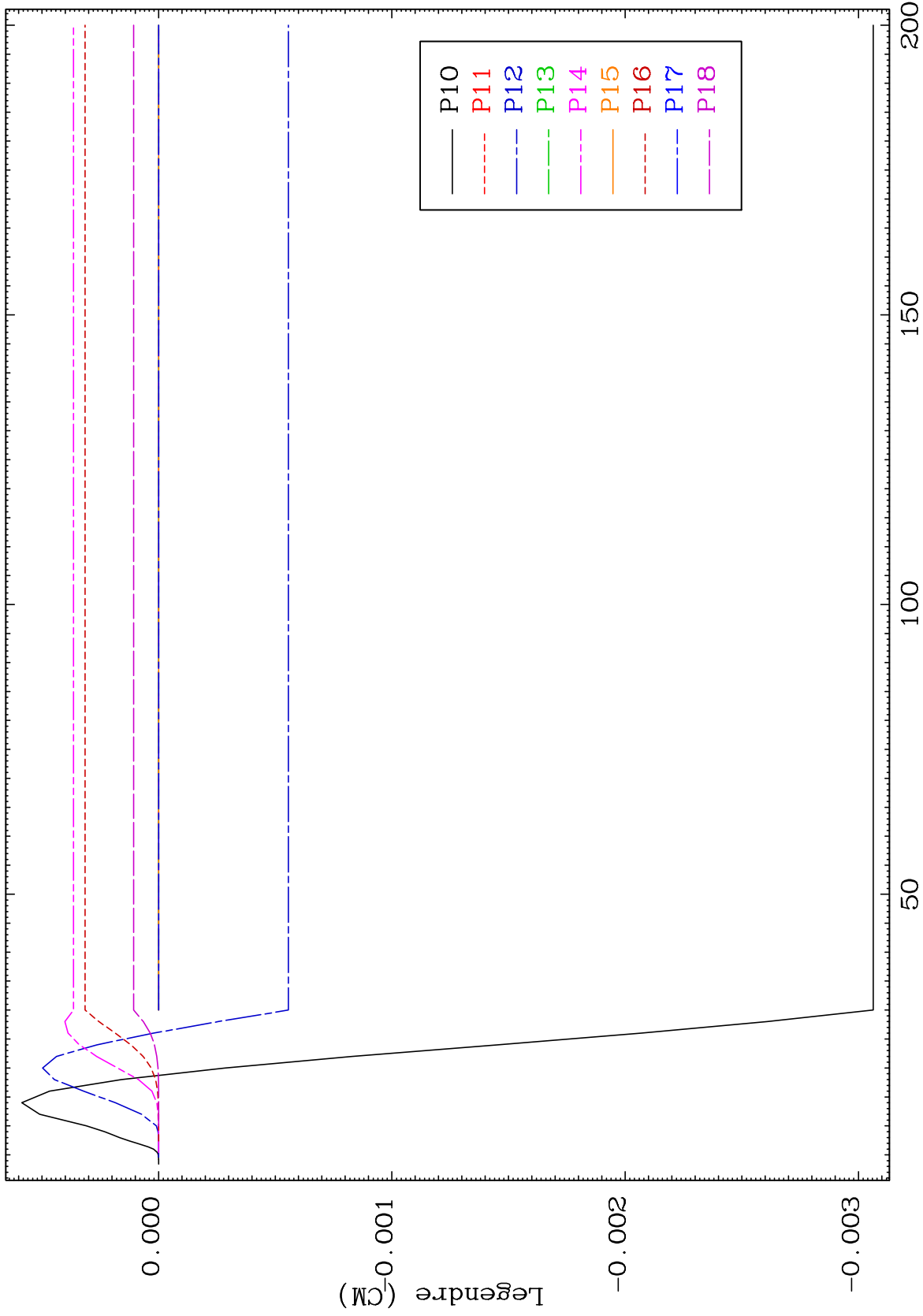
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



66

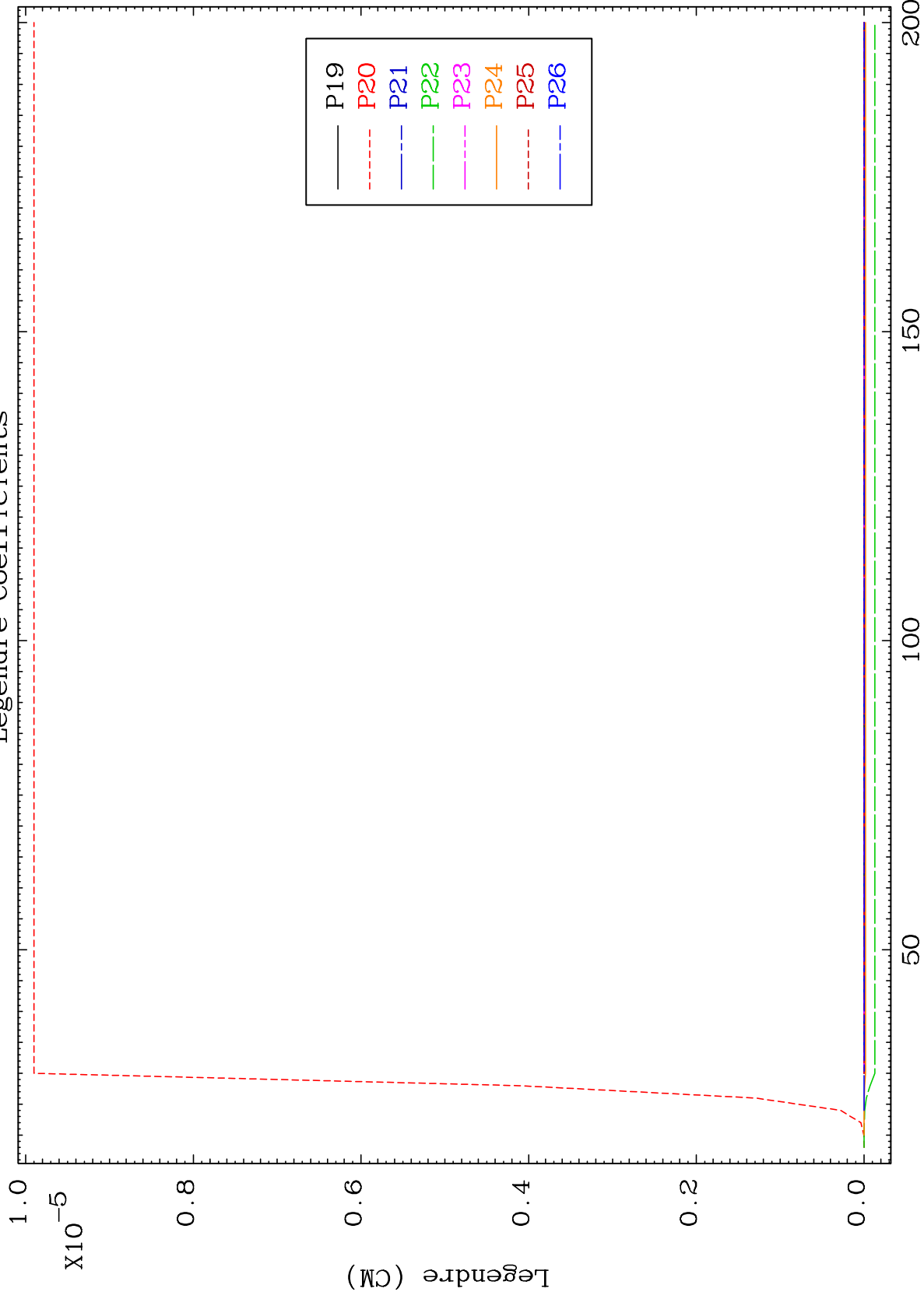
Incident Energy (MeV)

81-T1-207

MAT 8137

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

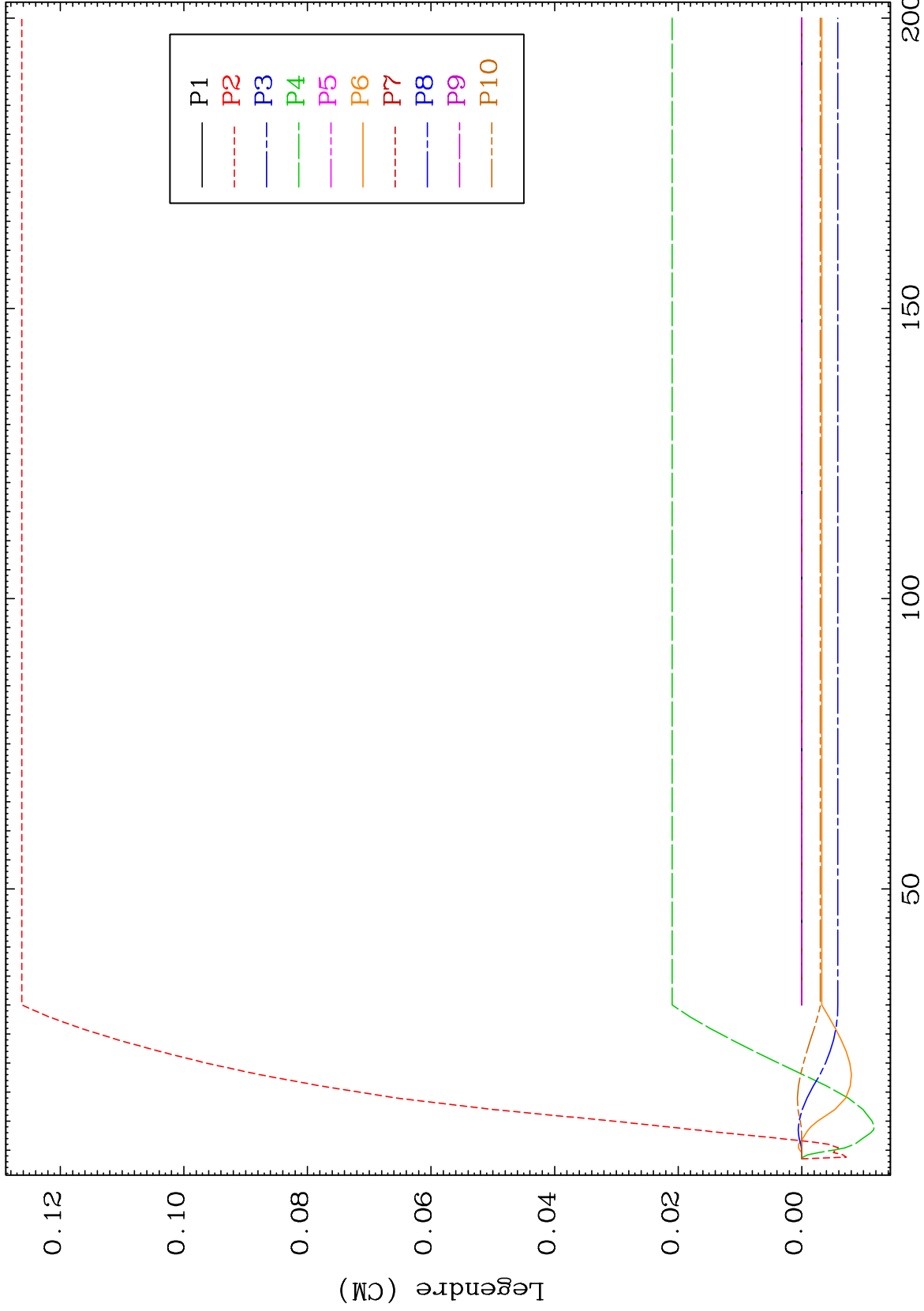
81-T1-207

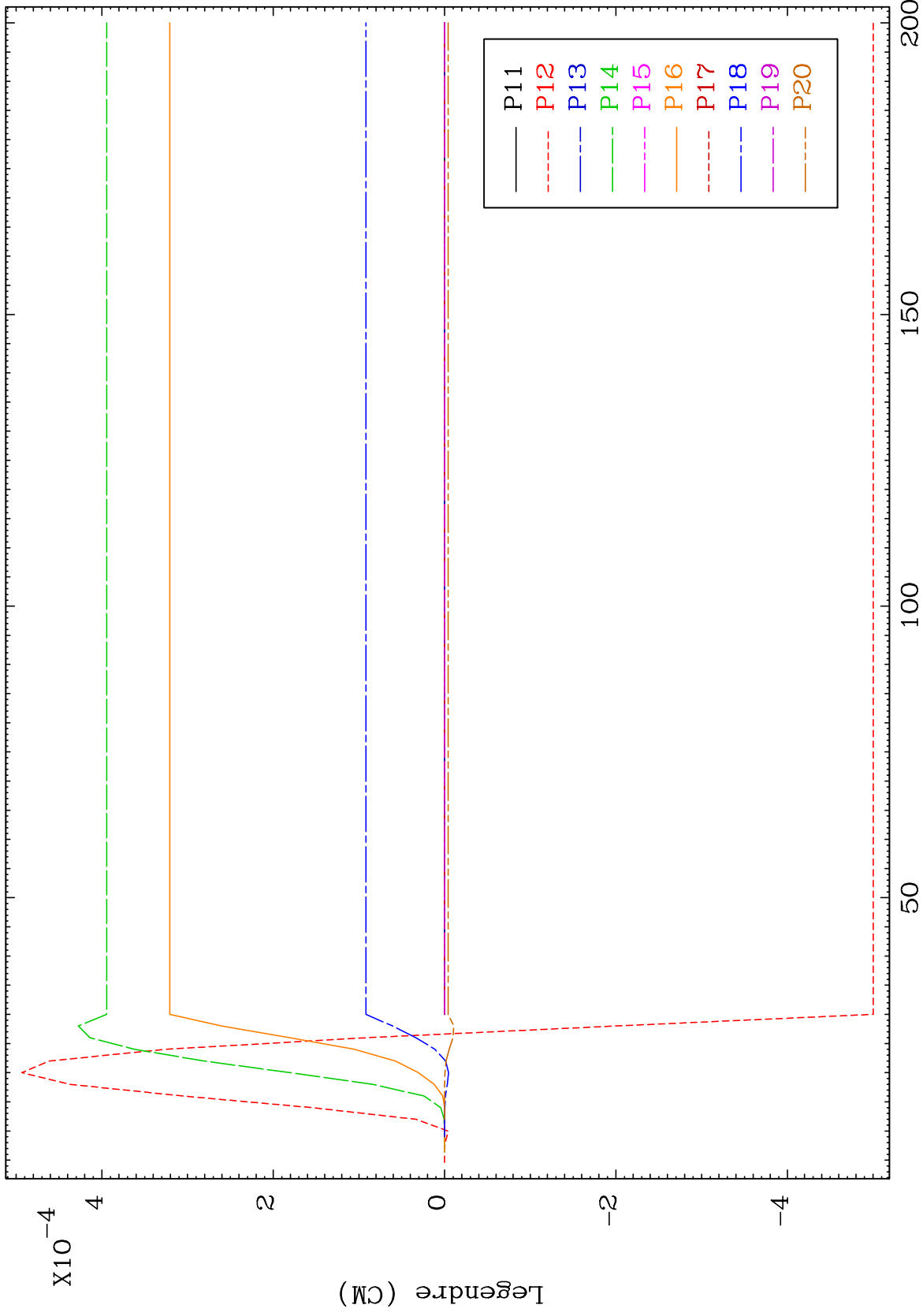


67

Incident Energy (MeV)

81-T1-207

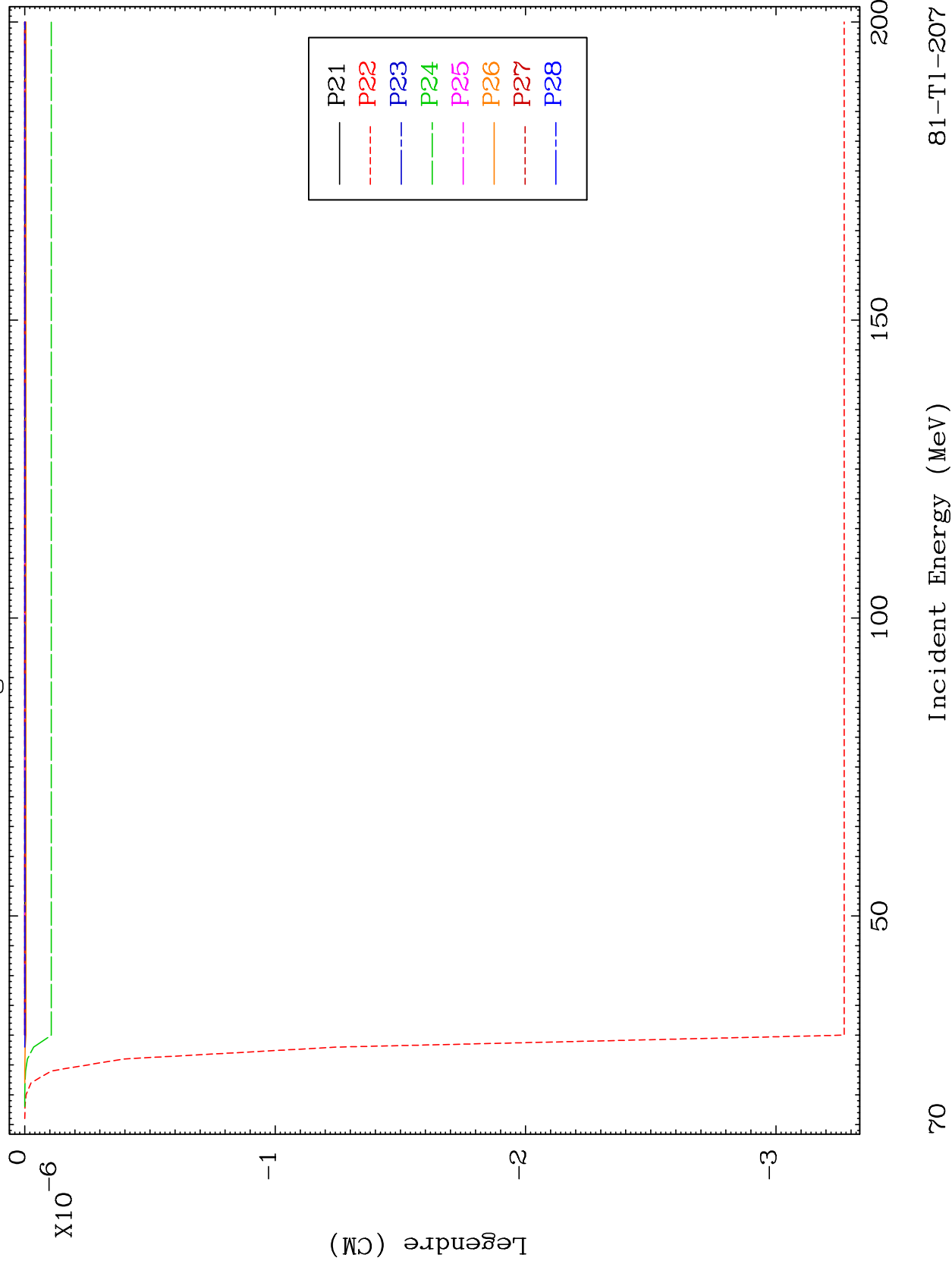




MAT 8137

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

81-T1-207



70

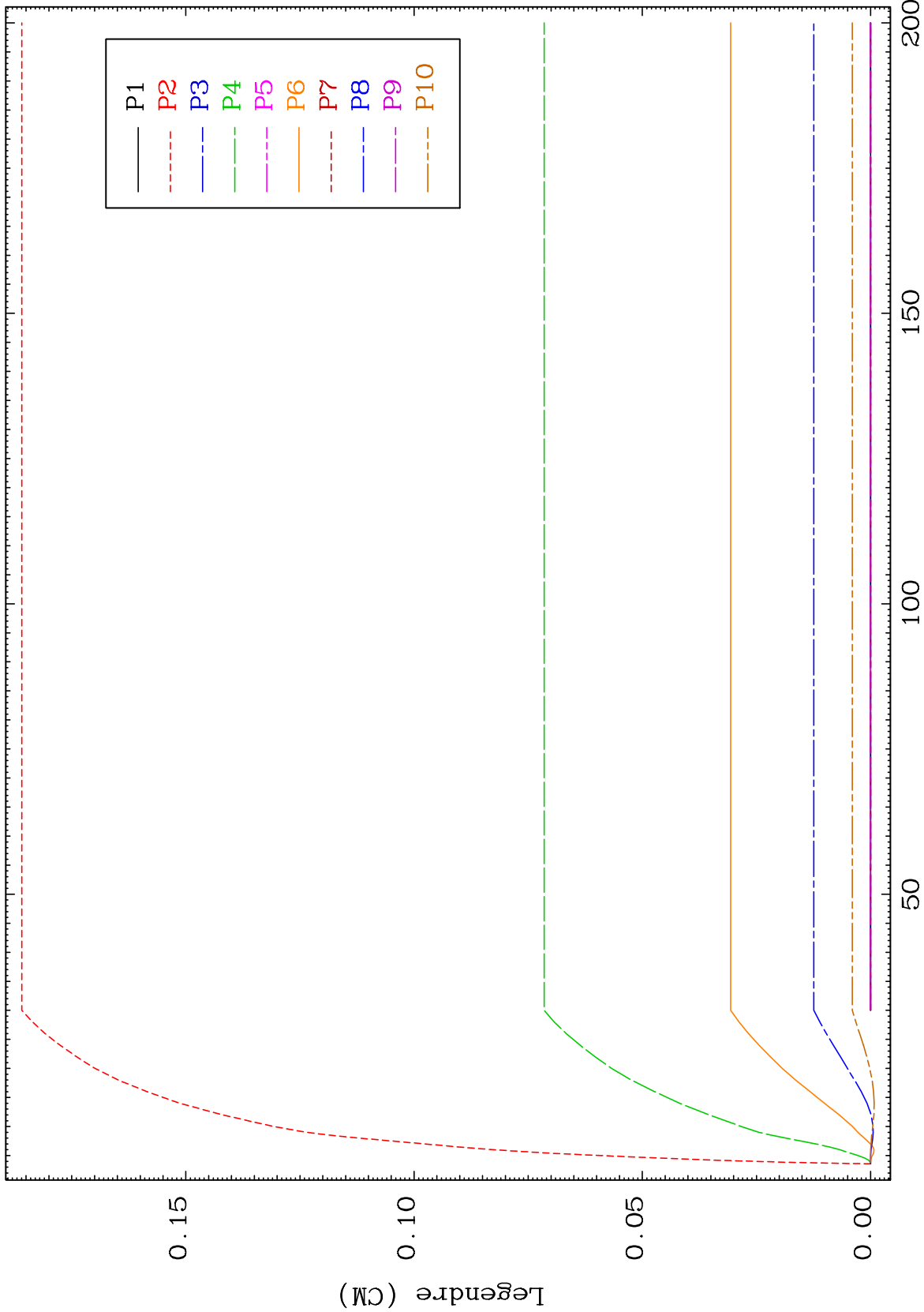
Incident Energy (MeV)

81-T1-207

MAT 8137

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

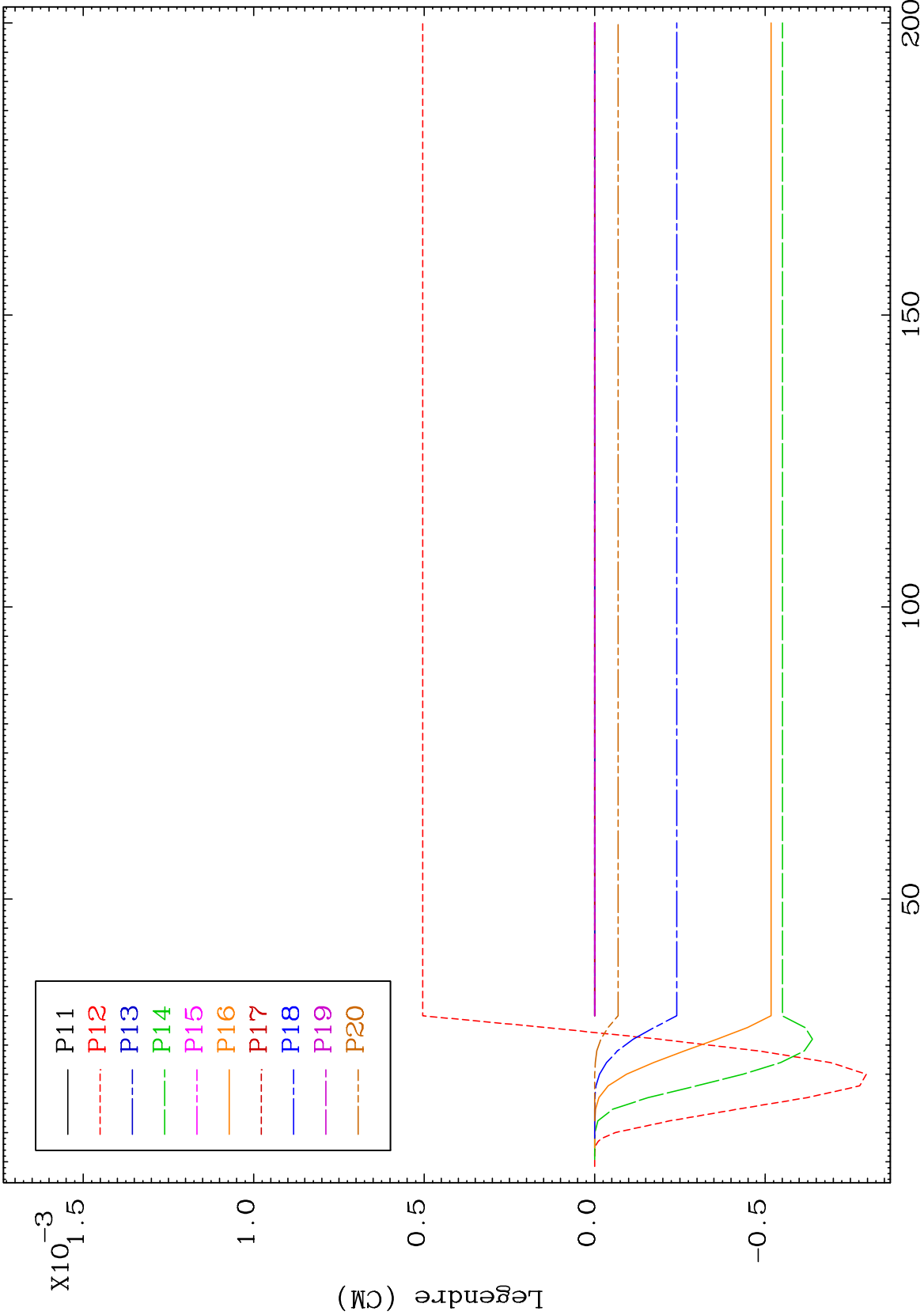
81-T1-207



71

Incident Energy (MeV)

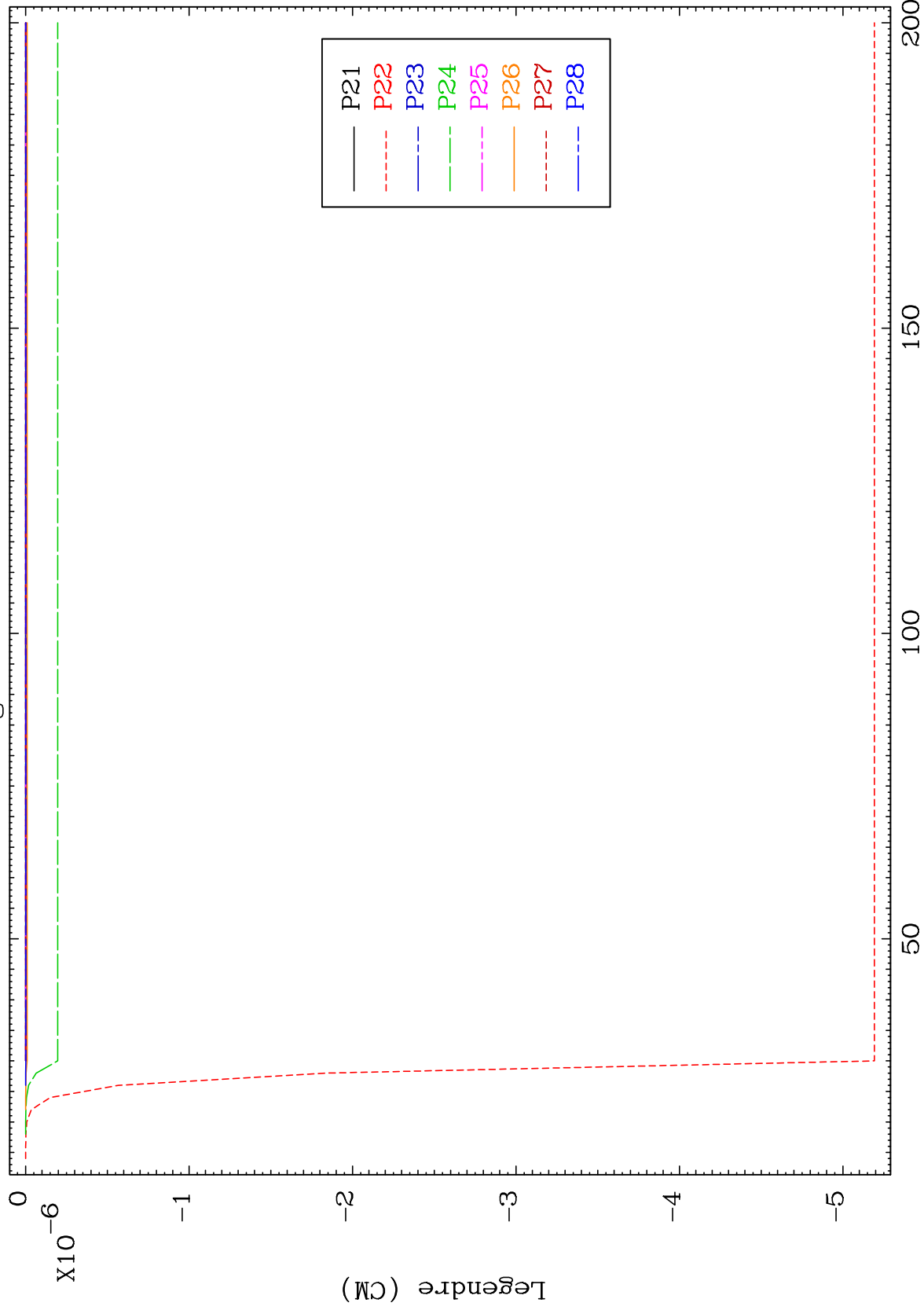
81-T1-207



MAT 8137

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

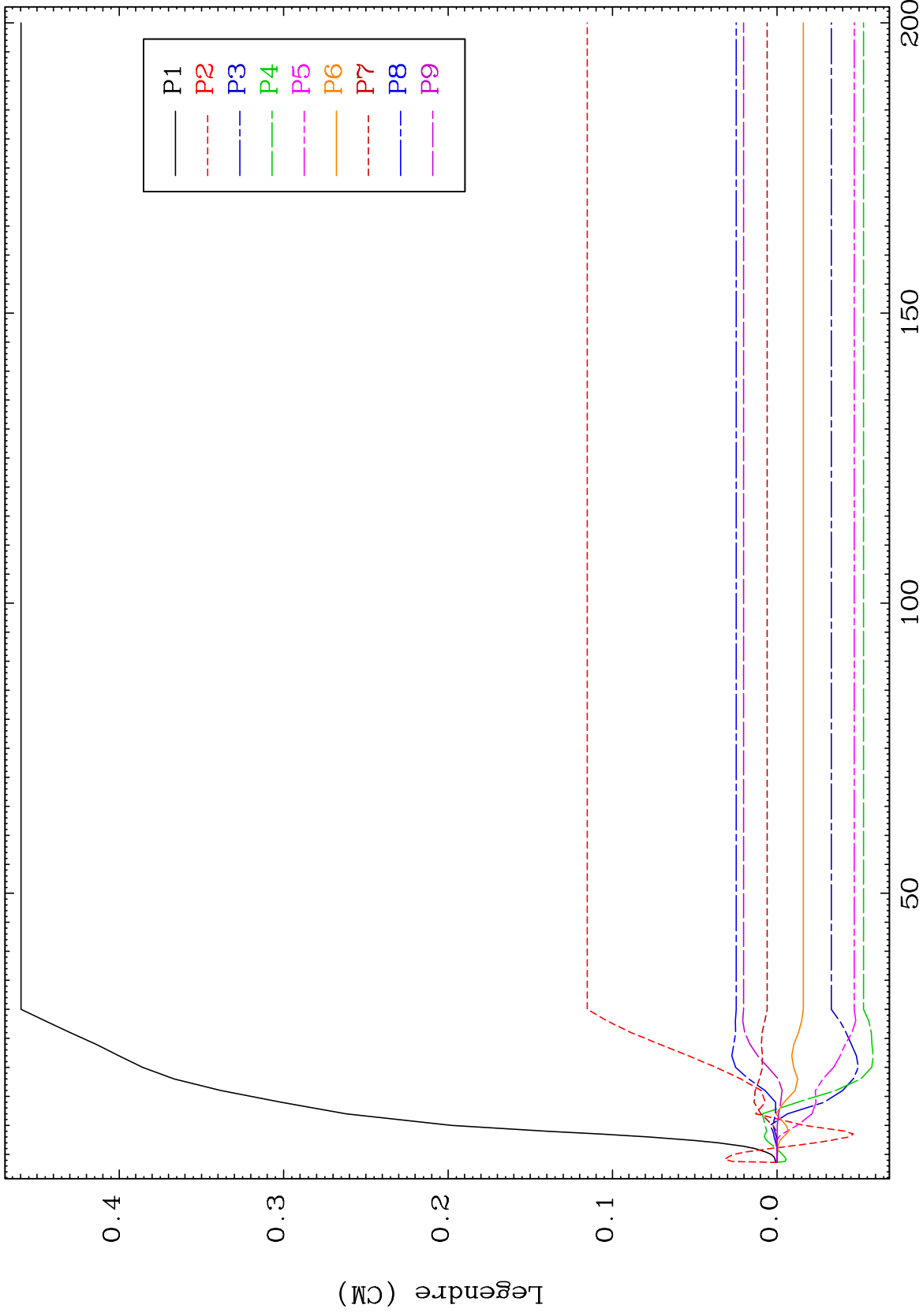
81-T1-207



73

Incident Energy (MeV)

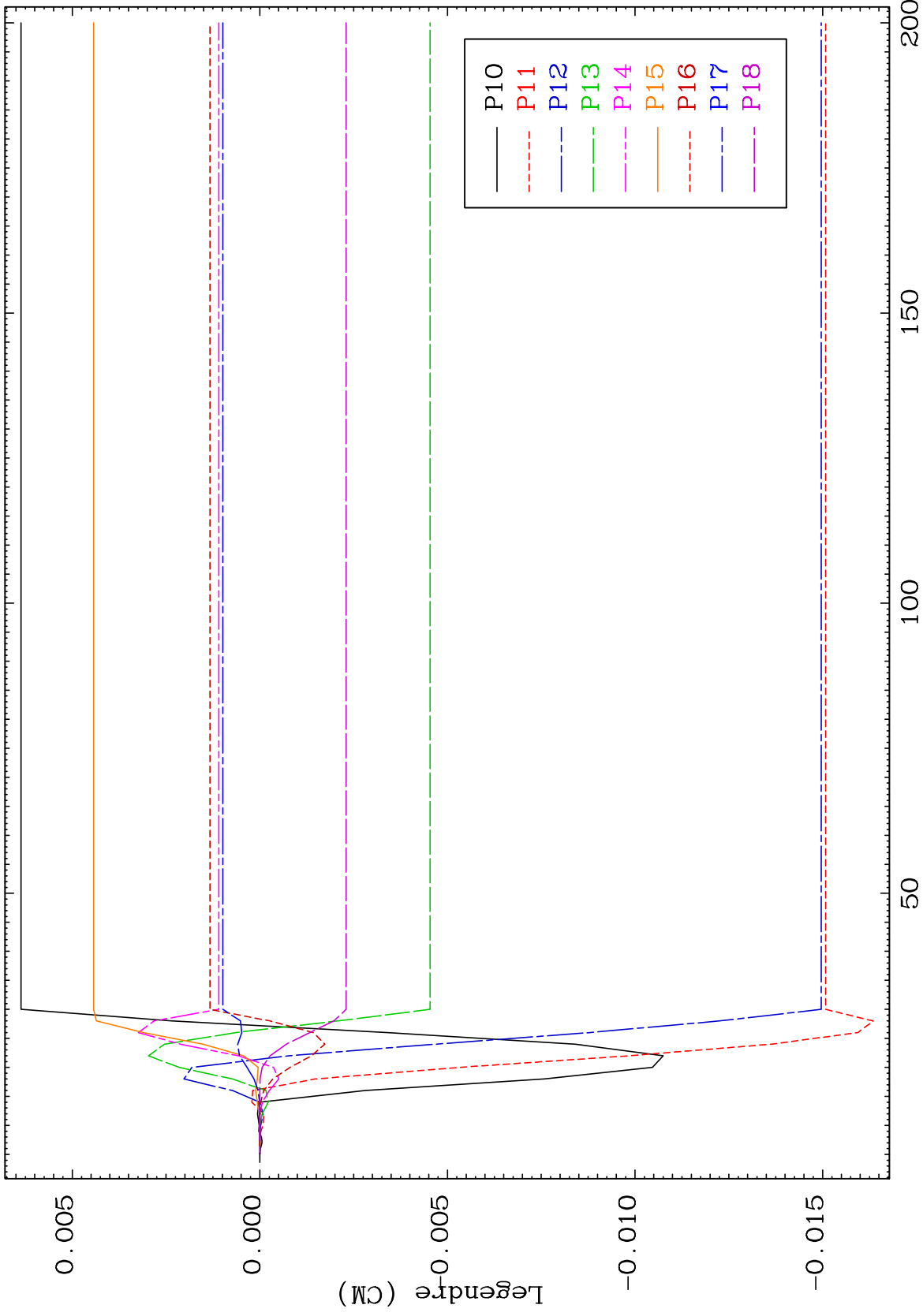
81-T1-207



MAT 8137

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

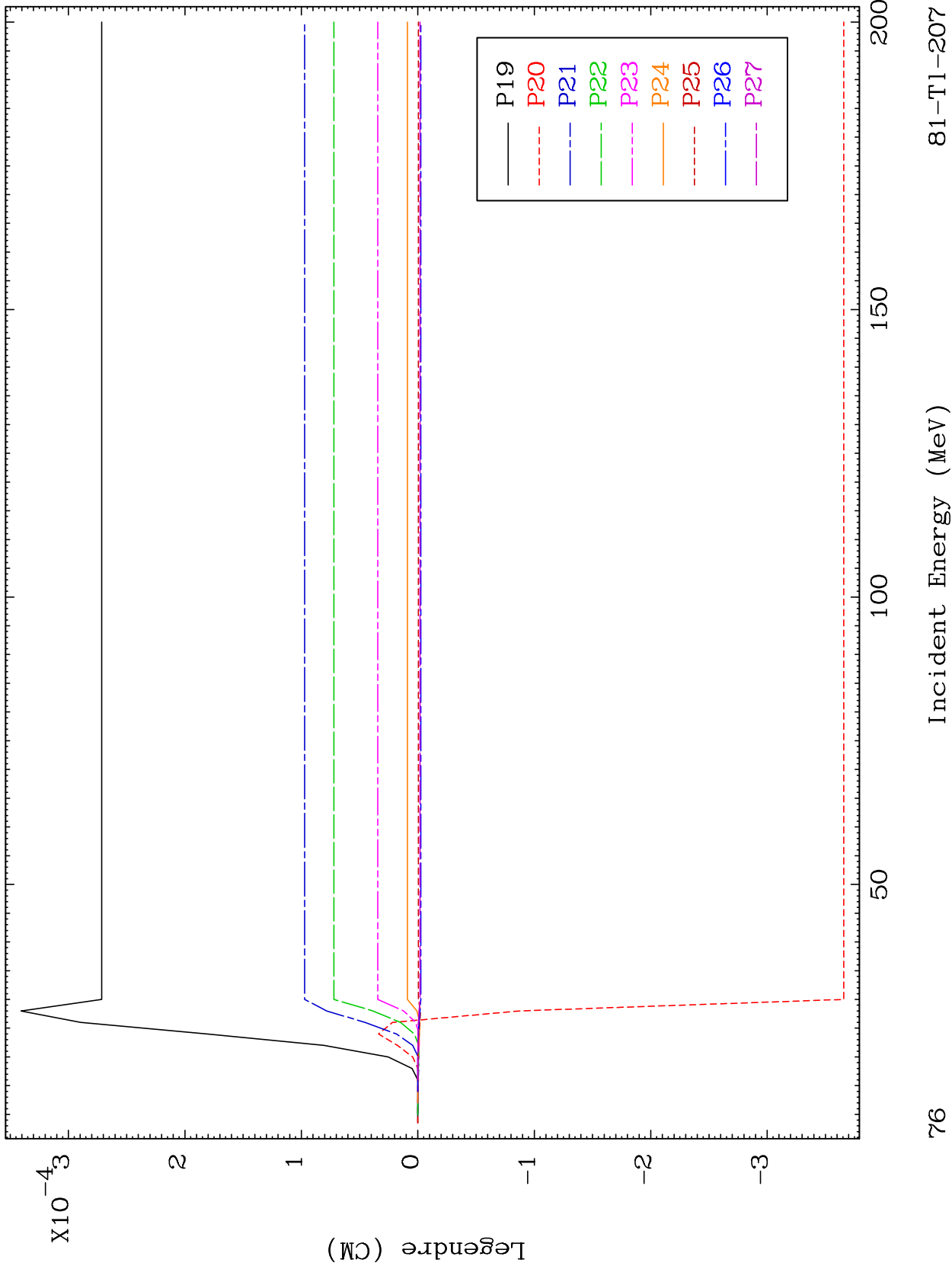
81-T1-207



75

Incident Energy (MeV)

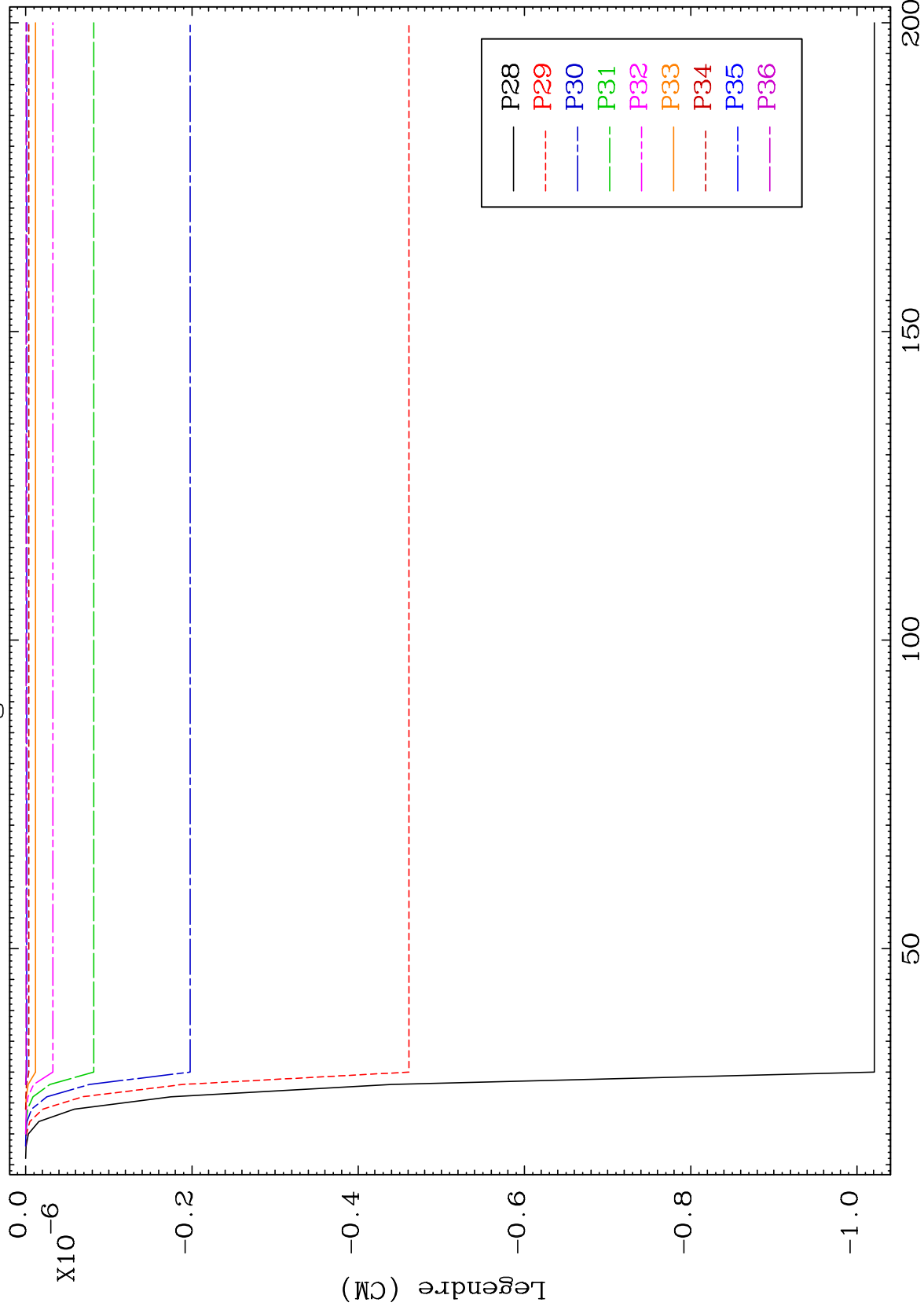
81-T1-207



MAT 8137

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

81-T1-207



77

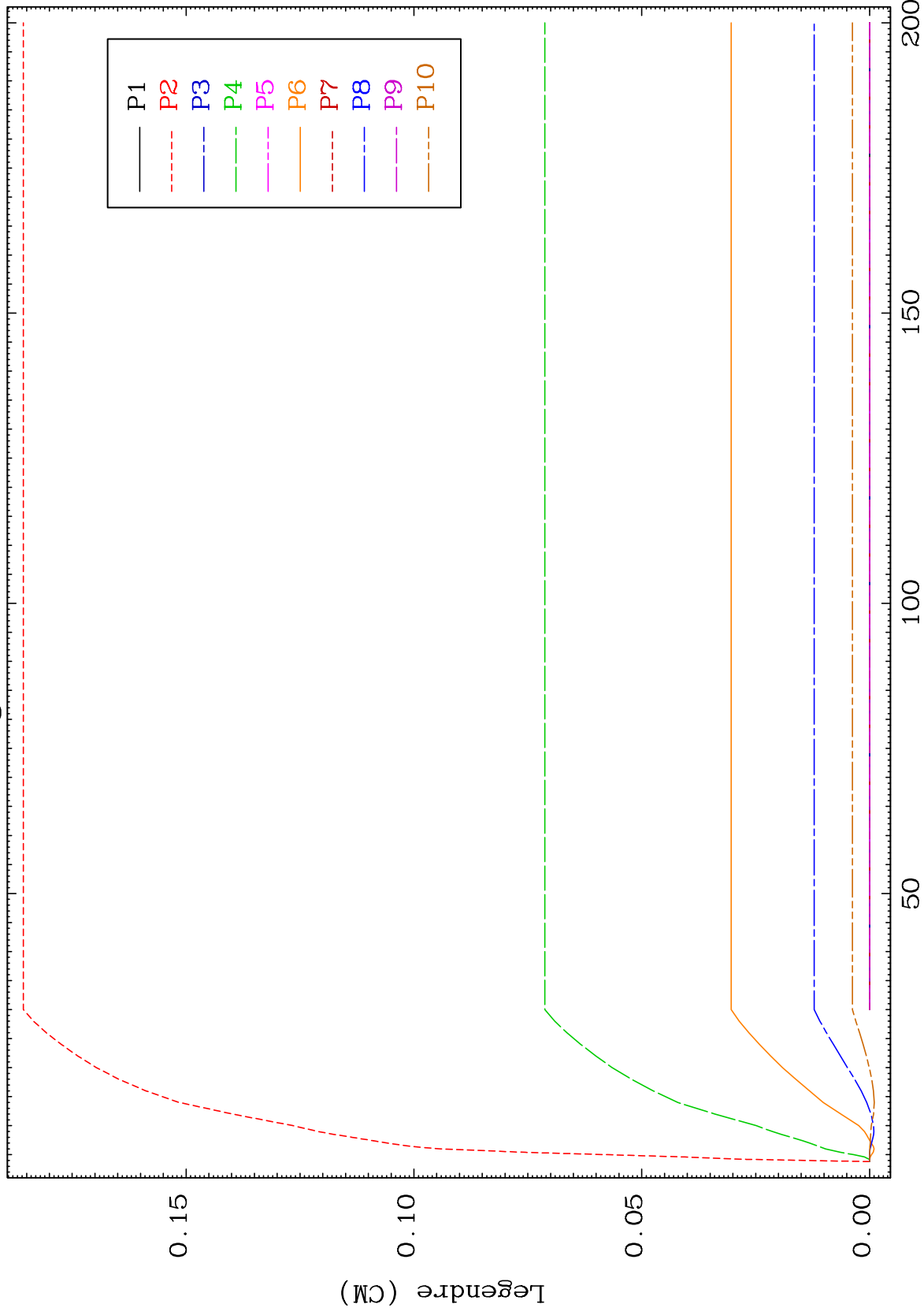
Incident Energy (MeV)

81-T1-207

MAT 8137

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

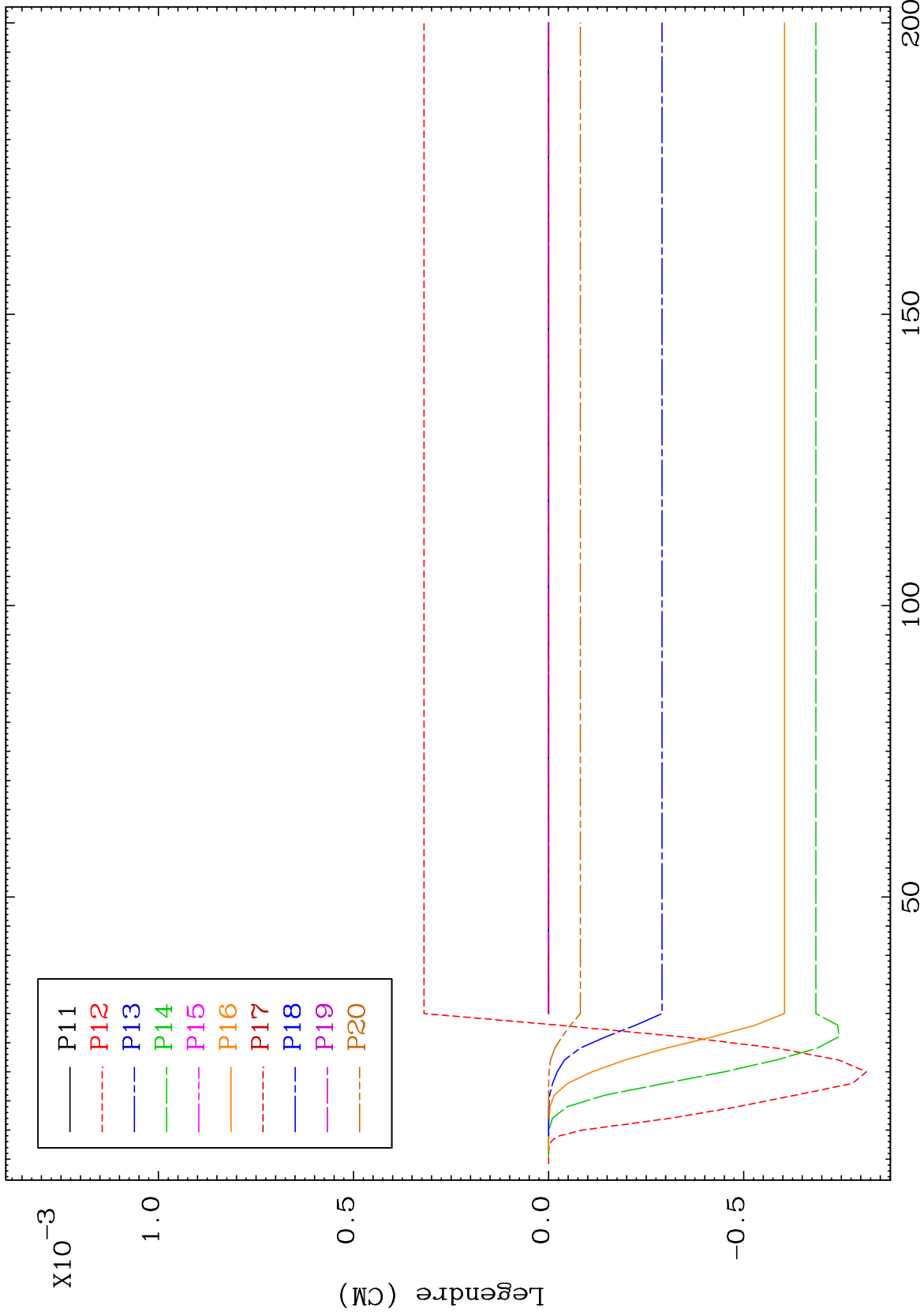
81-T1-207

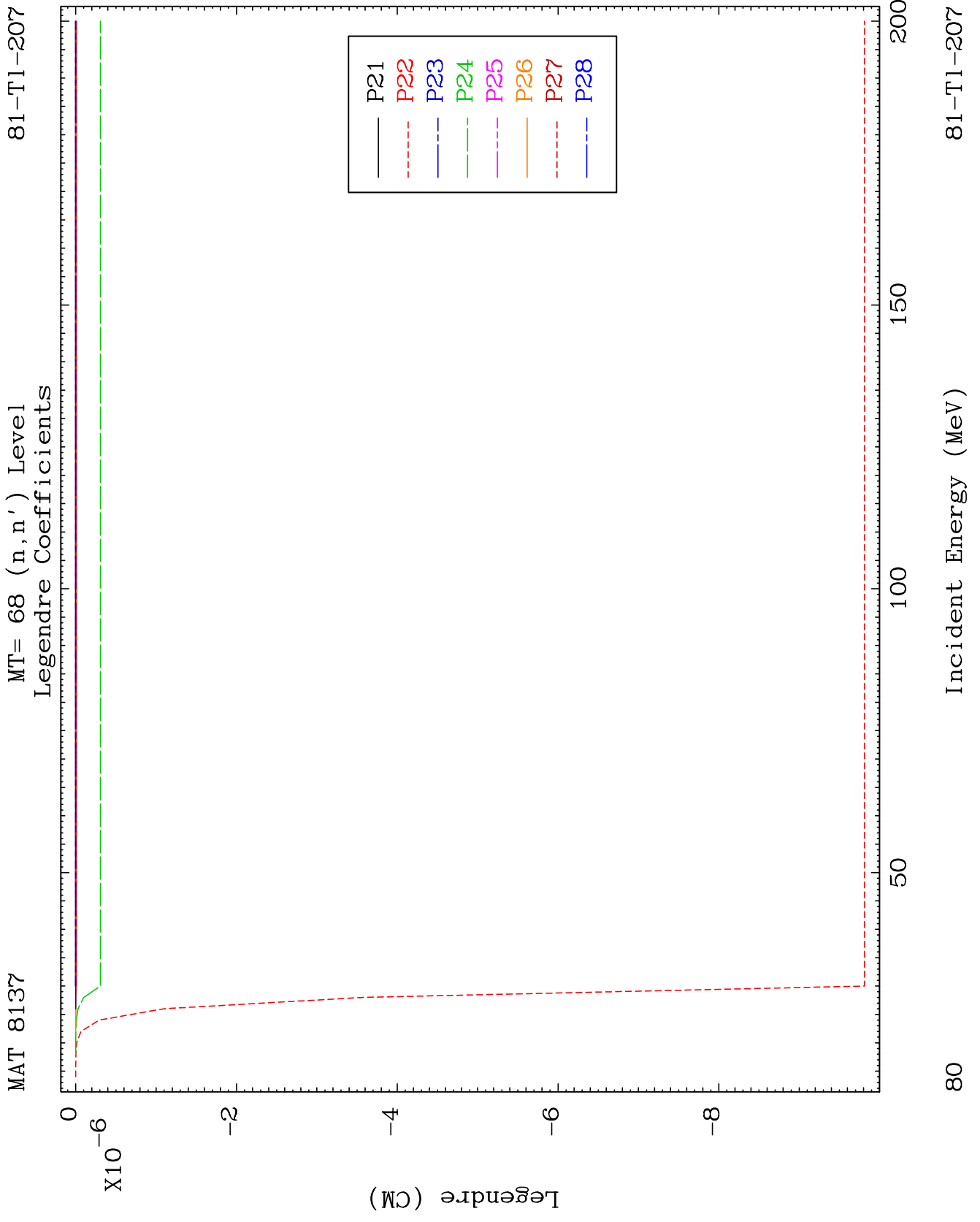


78

Incident Energy (MeV)

81-T1-207

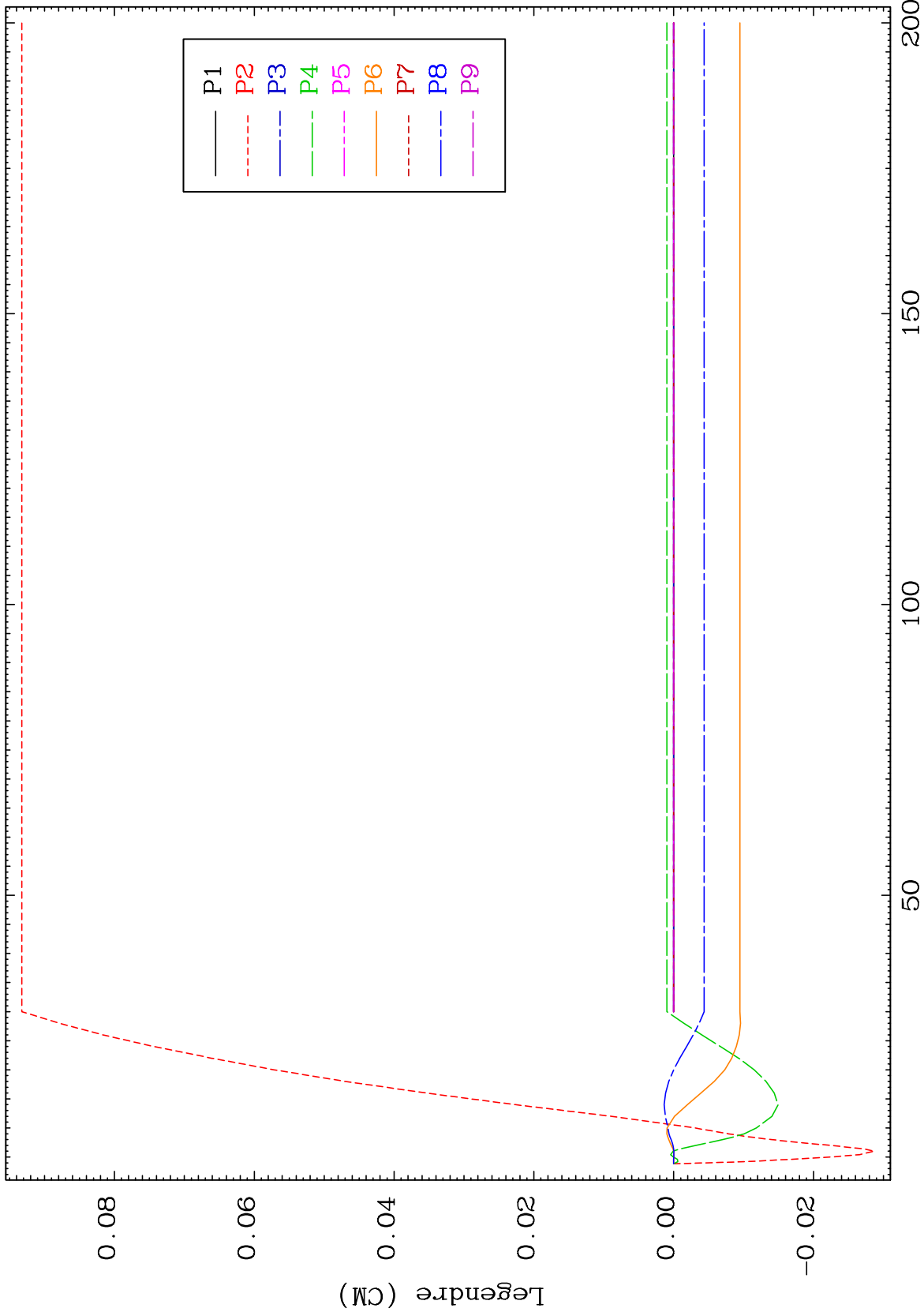




MAT 8137

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

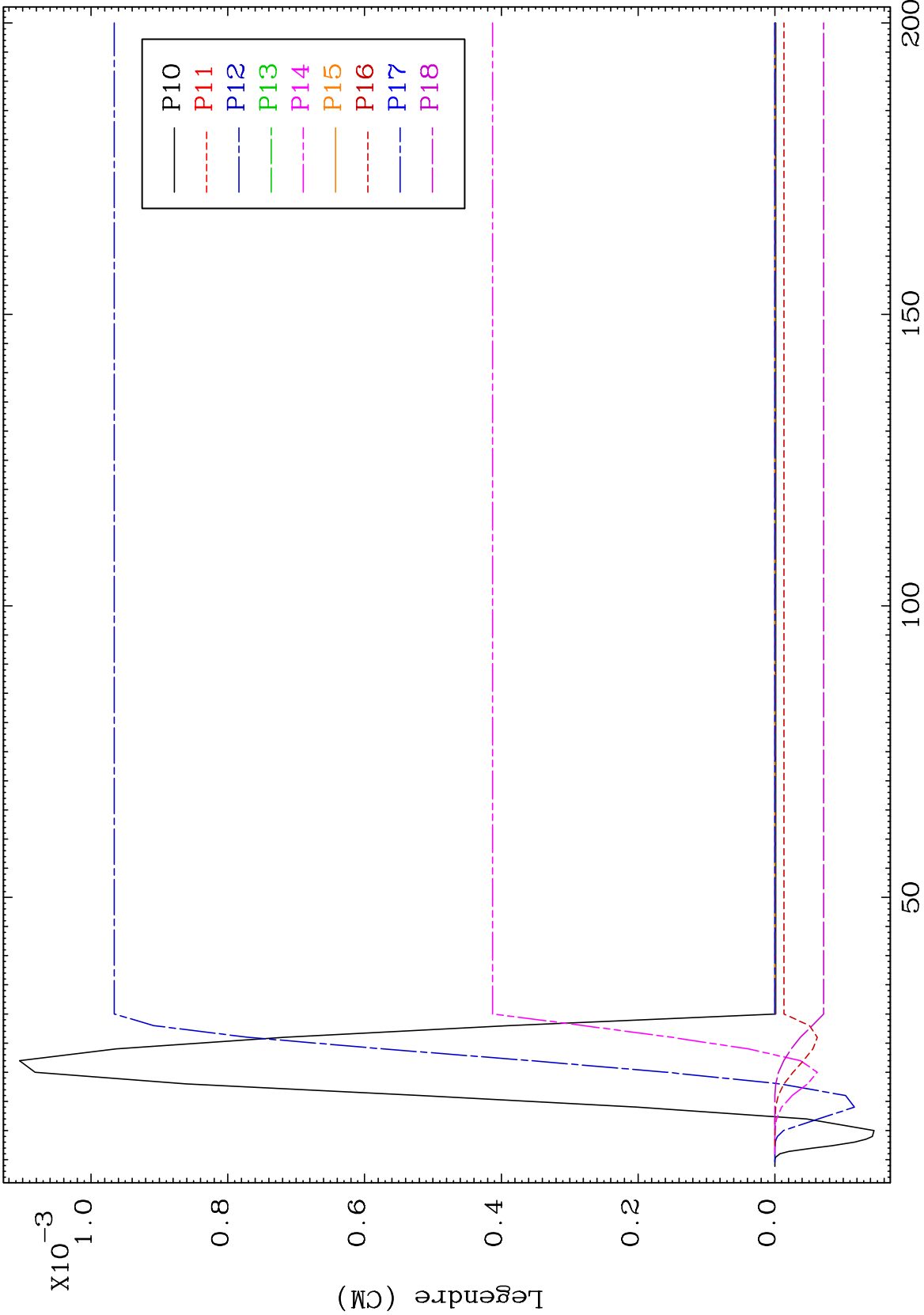
81-T1-207



81

Incident Energy (MeV)

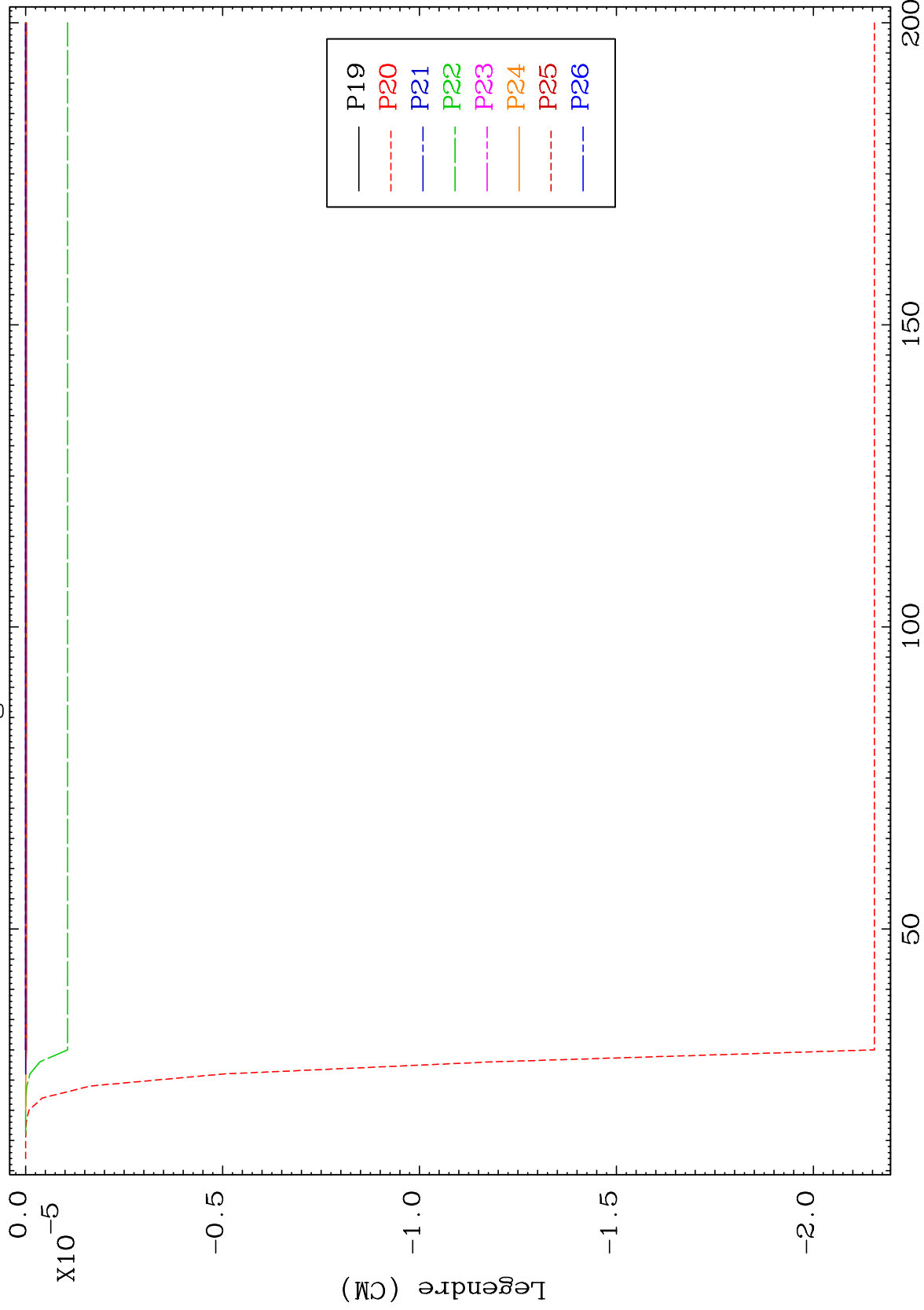
81-T1-207



MAT 8137

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

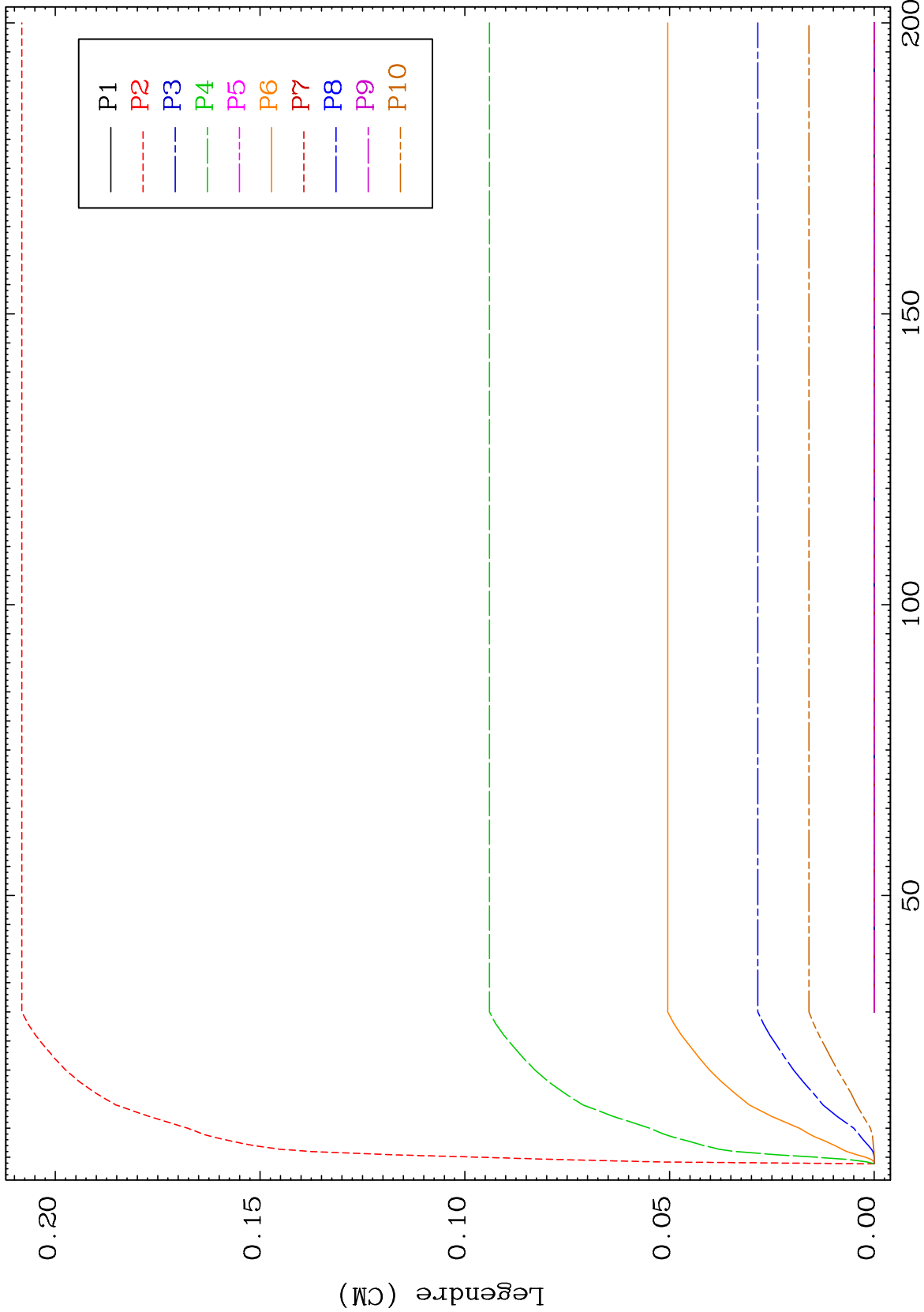
81-T1-207



83

Incident Energy (MeV)

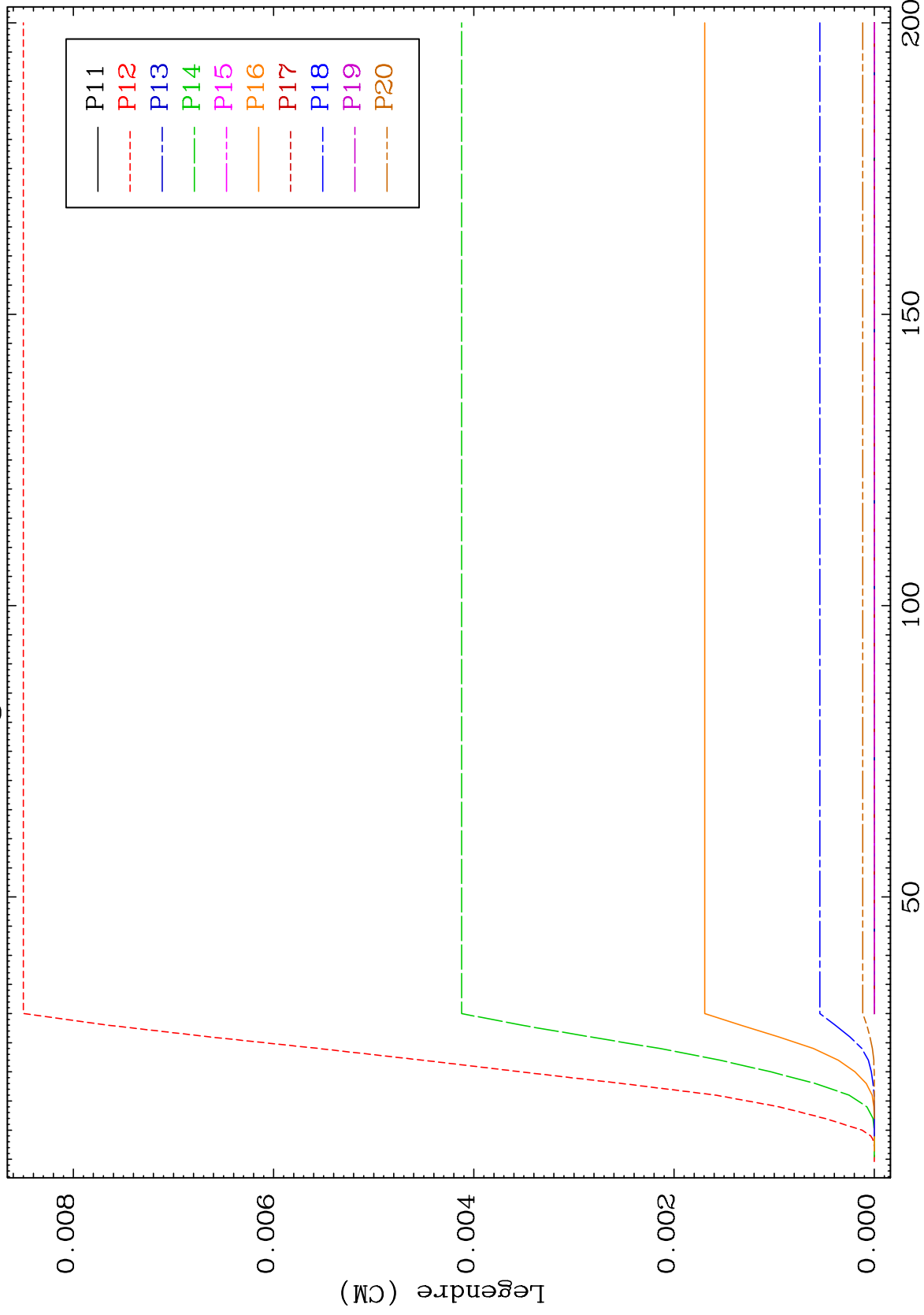
81-T1-207



MAT 8137

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

81-T1-207



85

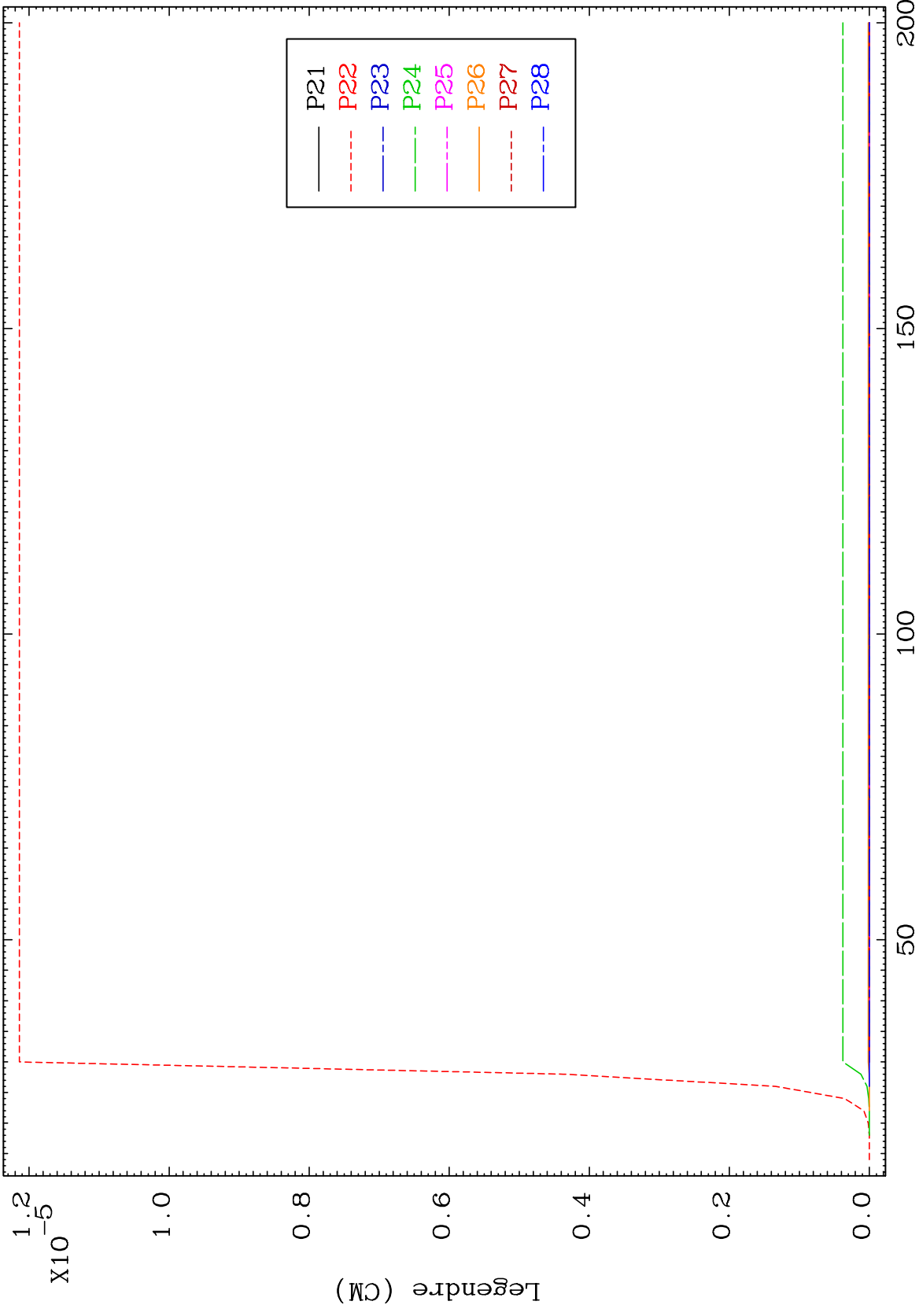
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



86

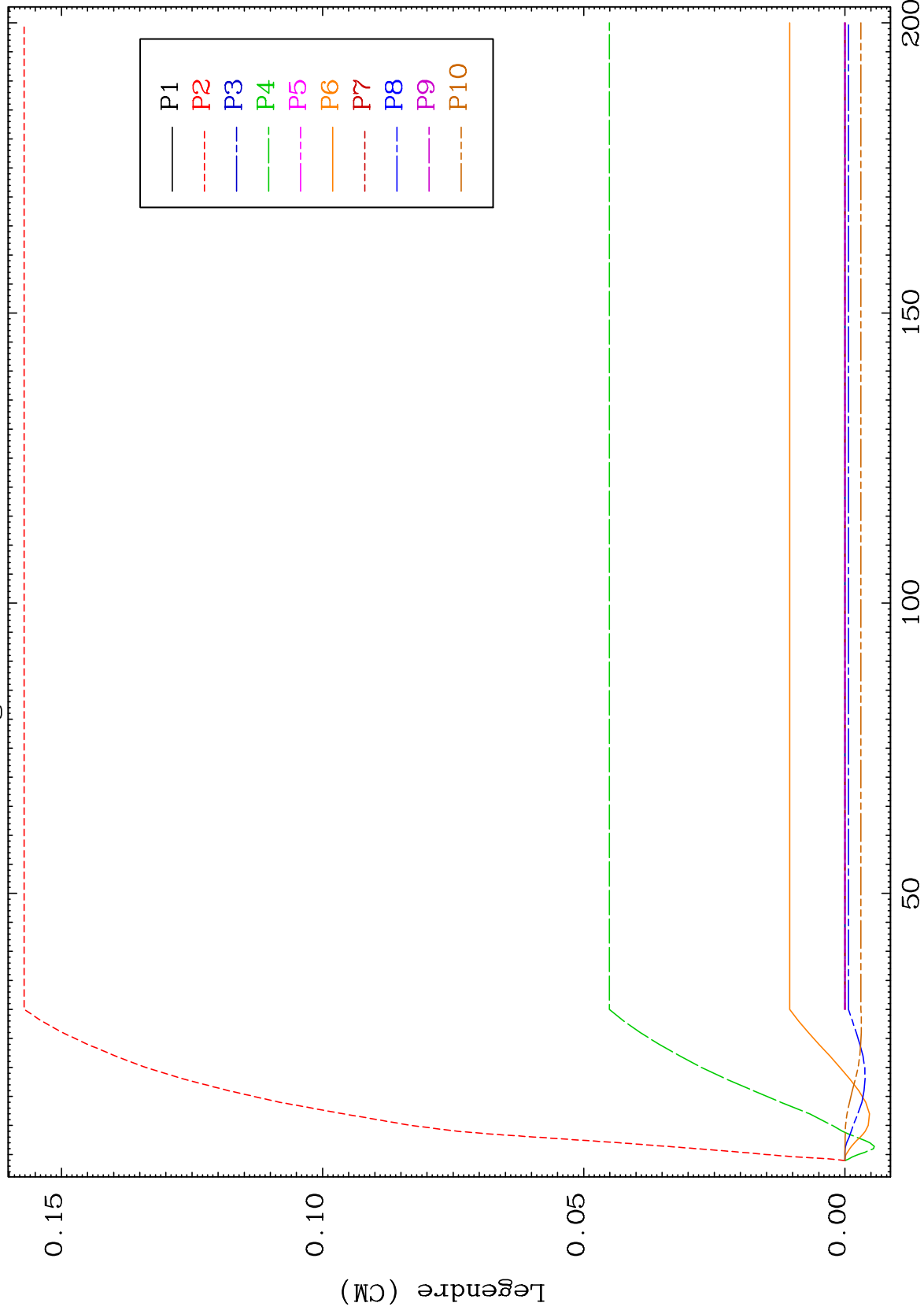
Incident Energy (MeV)

81-T1-207

MAT 8137

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

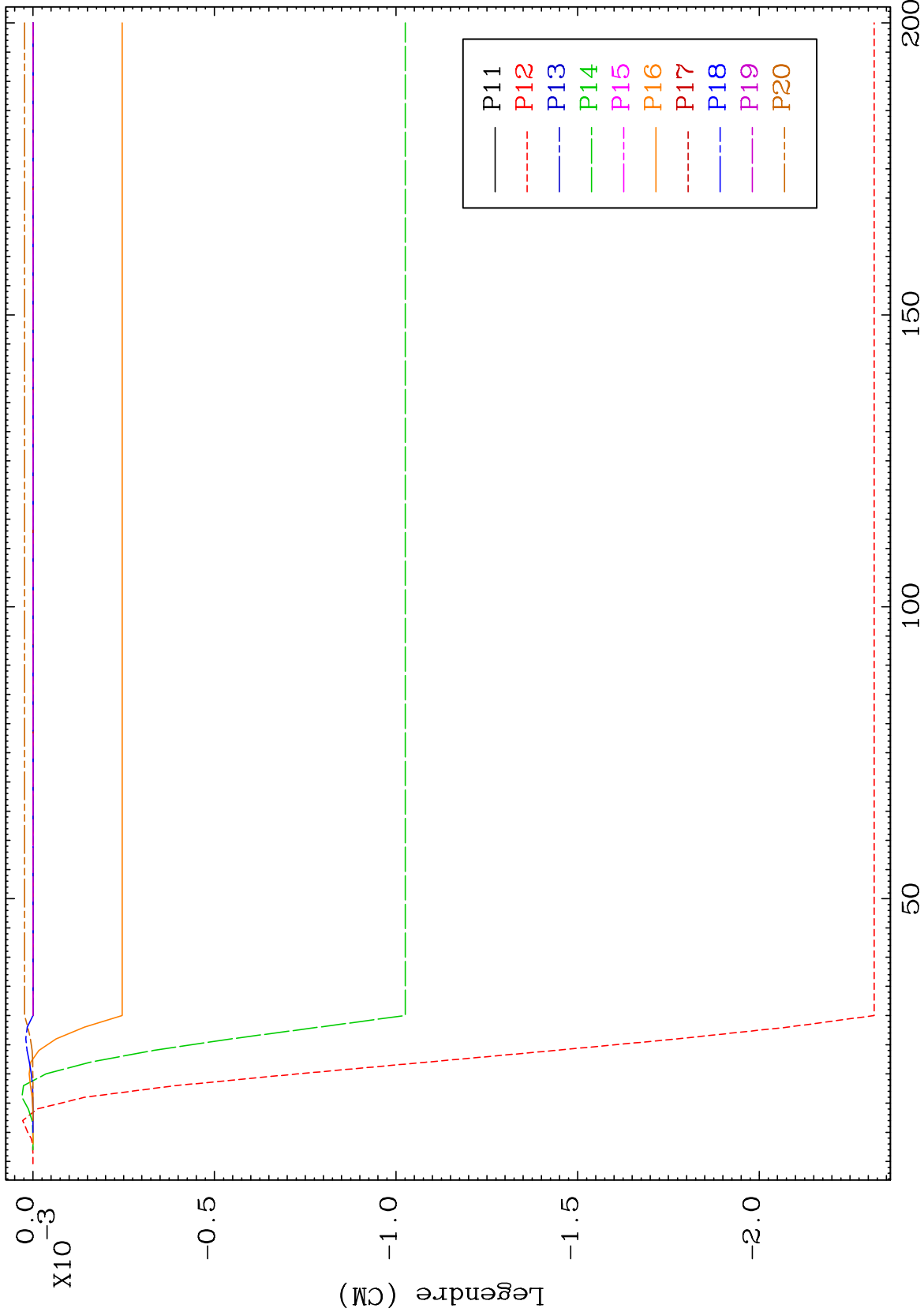
81-T1-207



87

Incident Energy (MeV)

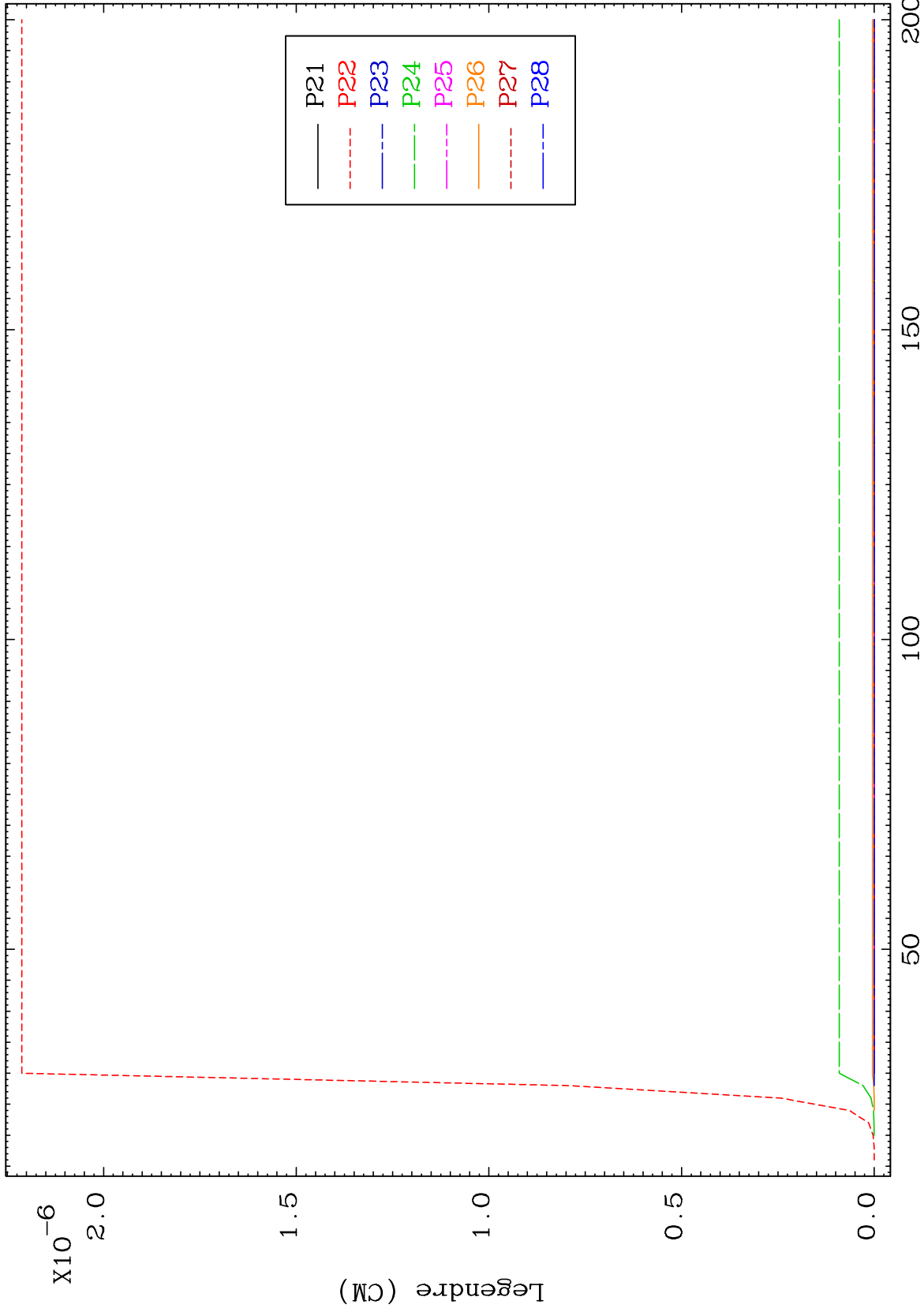
81-T1-207



MAT 8137

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

81-T1-207



89

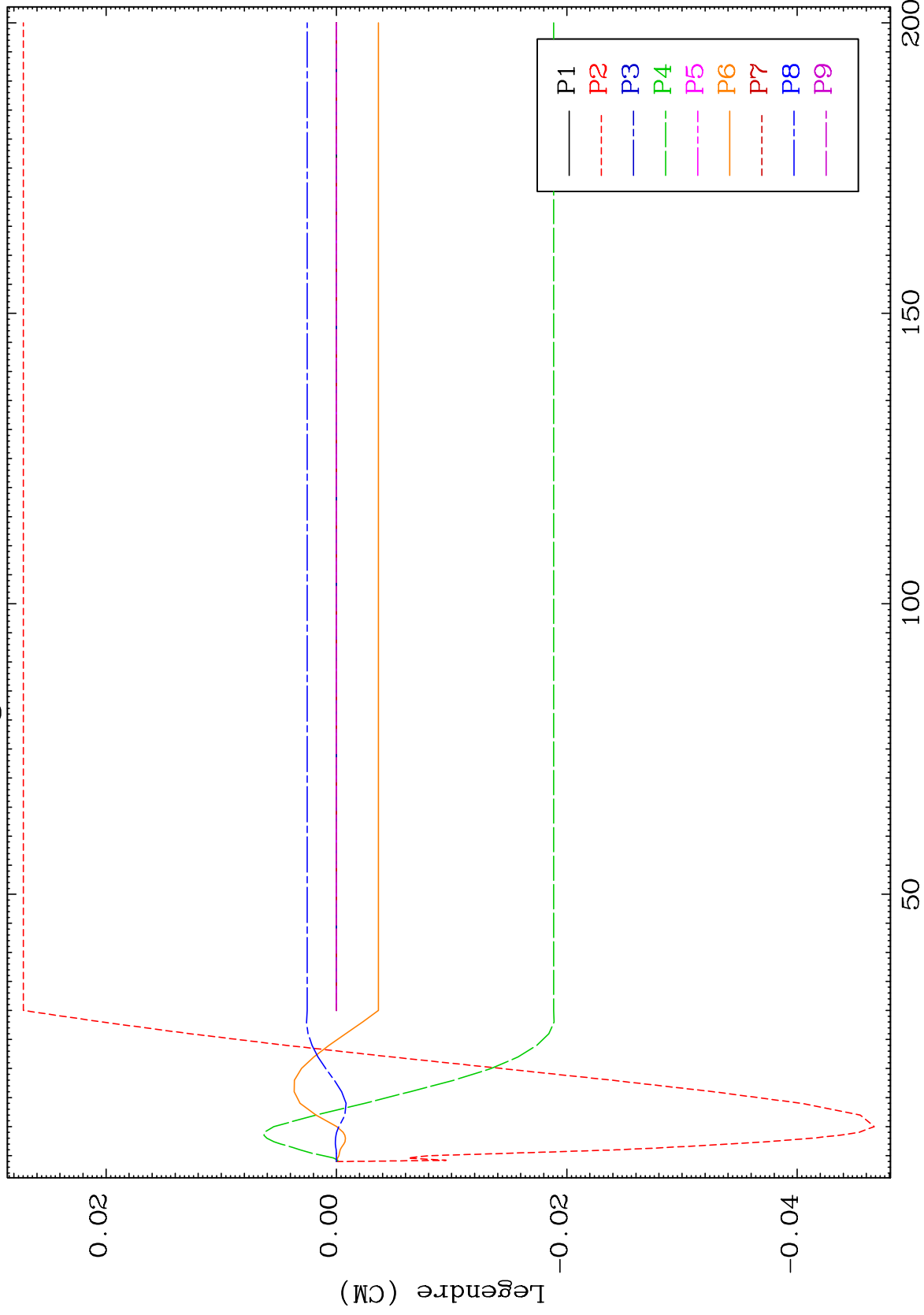
Incident Energy (MeV)

81-T1-207

MAT 8137

81-T1-207

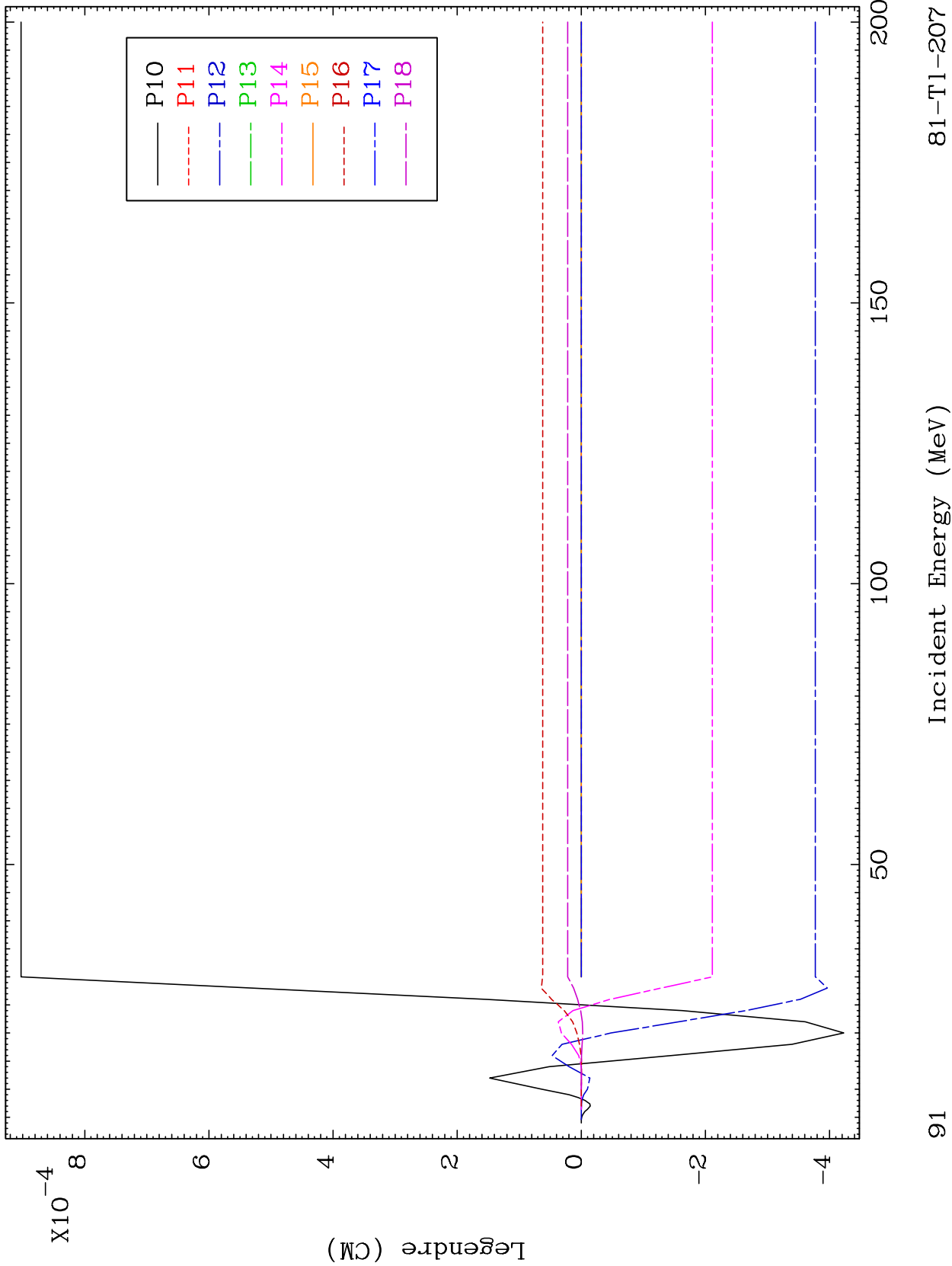
MT= 72 (n,n') Level  
Legendre Coefficients



81-T1-207

Incident Energy (MeV)

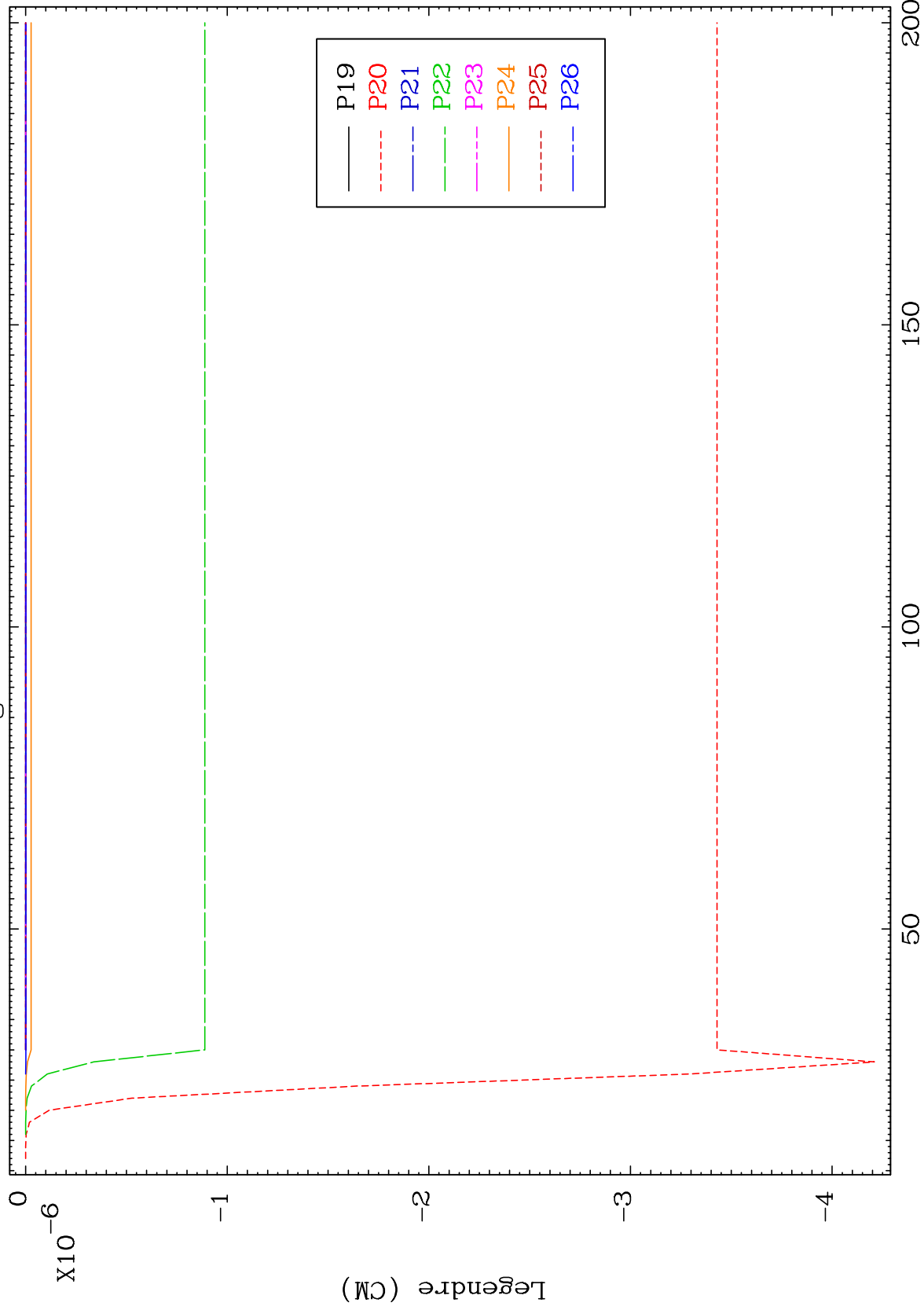
90



MAT 8137

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

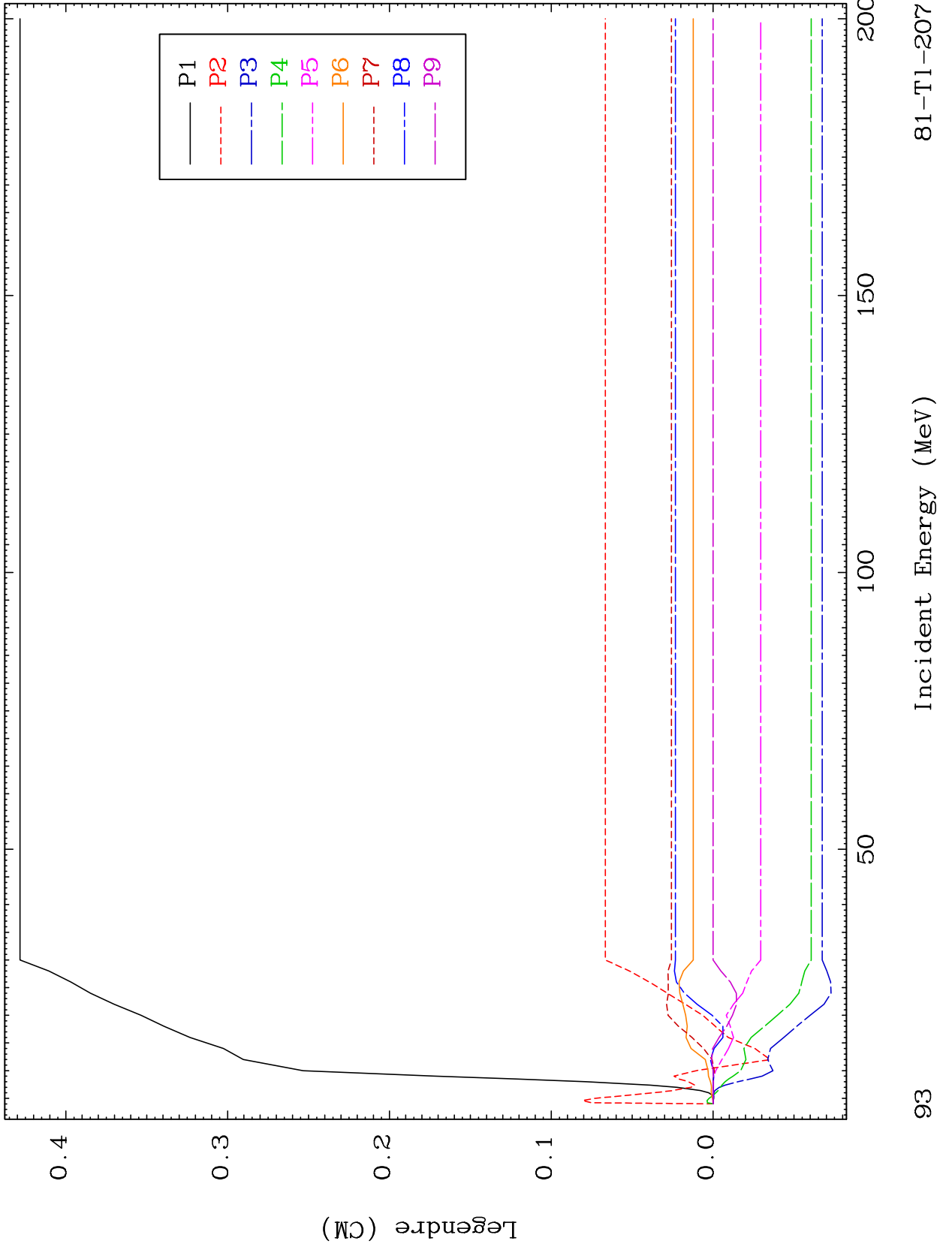
81-T1-207



92

Incident Energy (MeV)

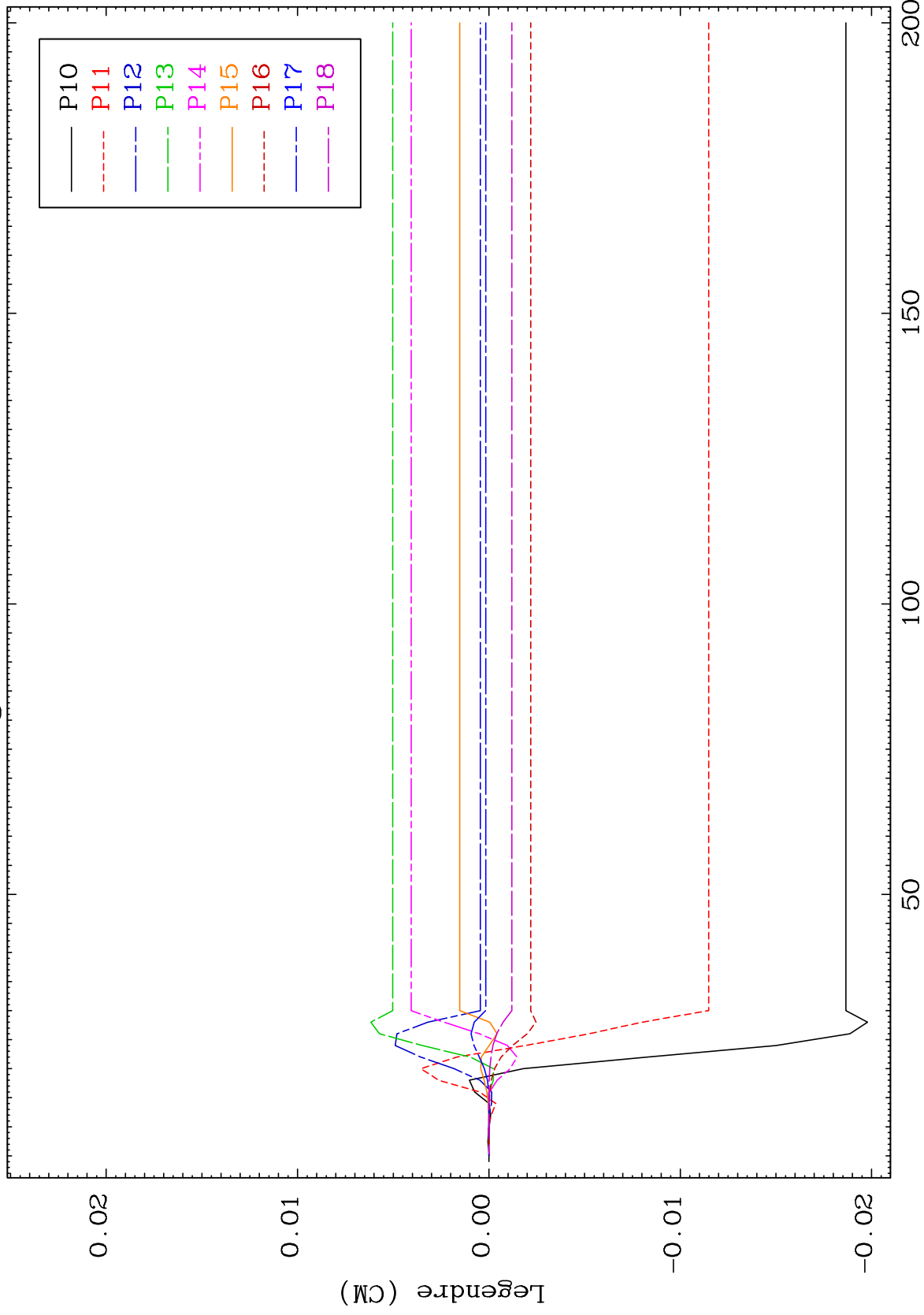
81-T1-207



MAT 8137

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

81-T1-207



94

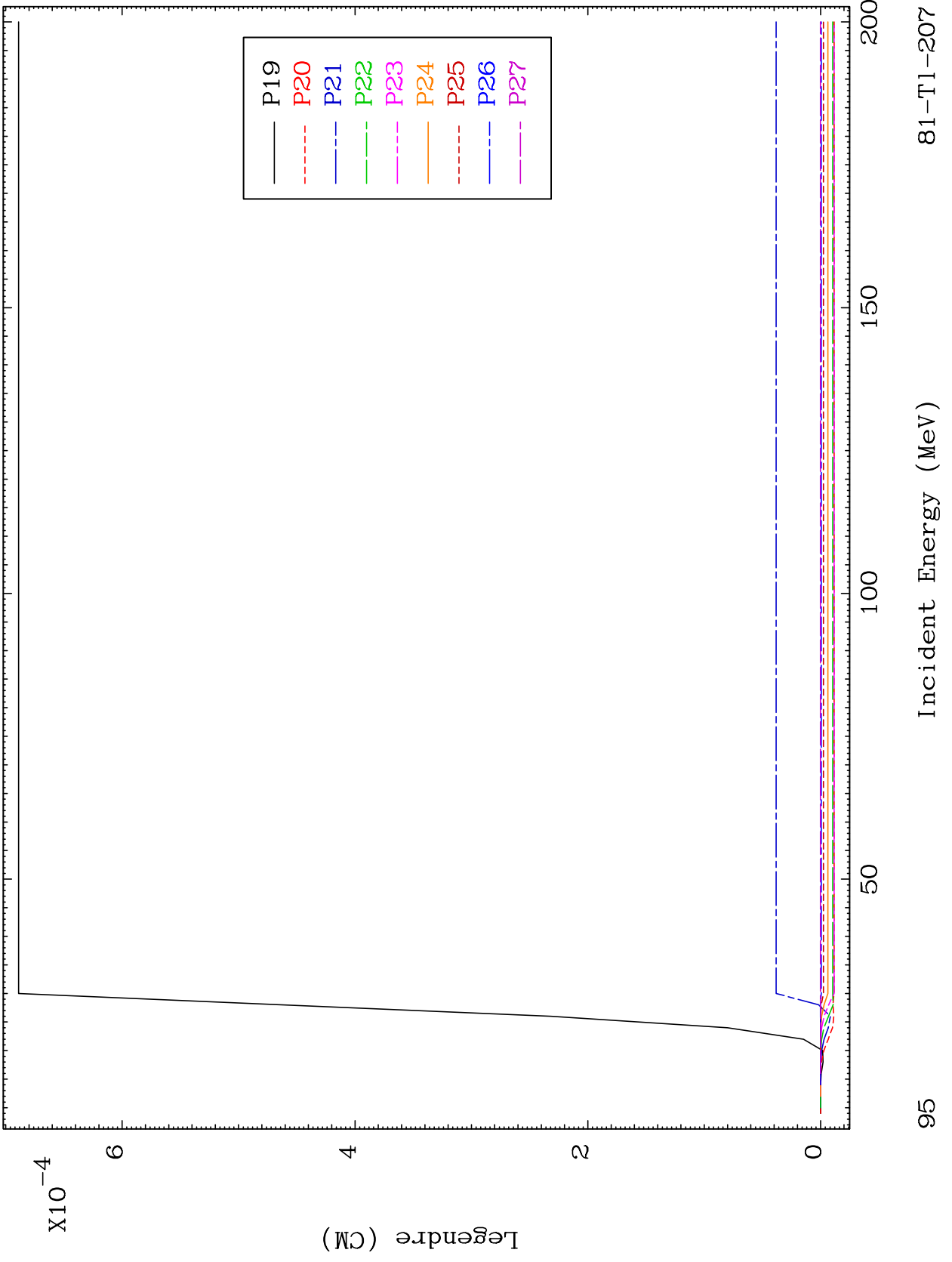
Incident Energy (MeV)

81-T1-207

MAT 8137

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

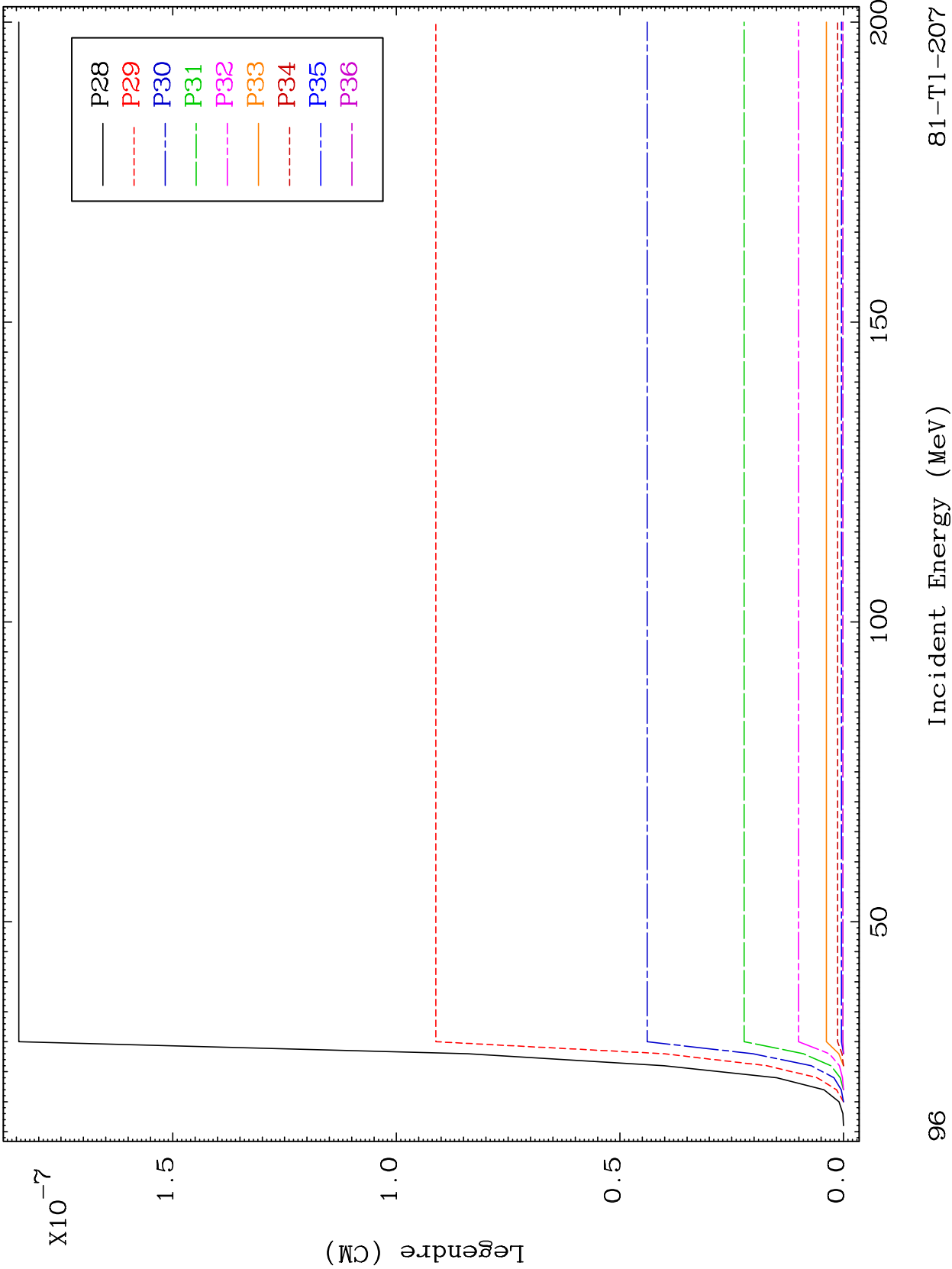
81-T1-207



95

Incident Energy (MeV)

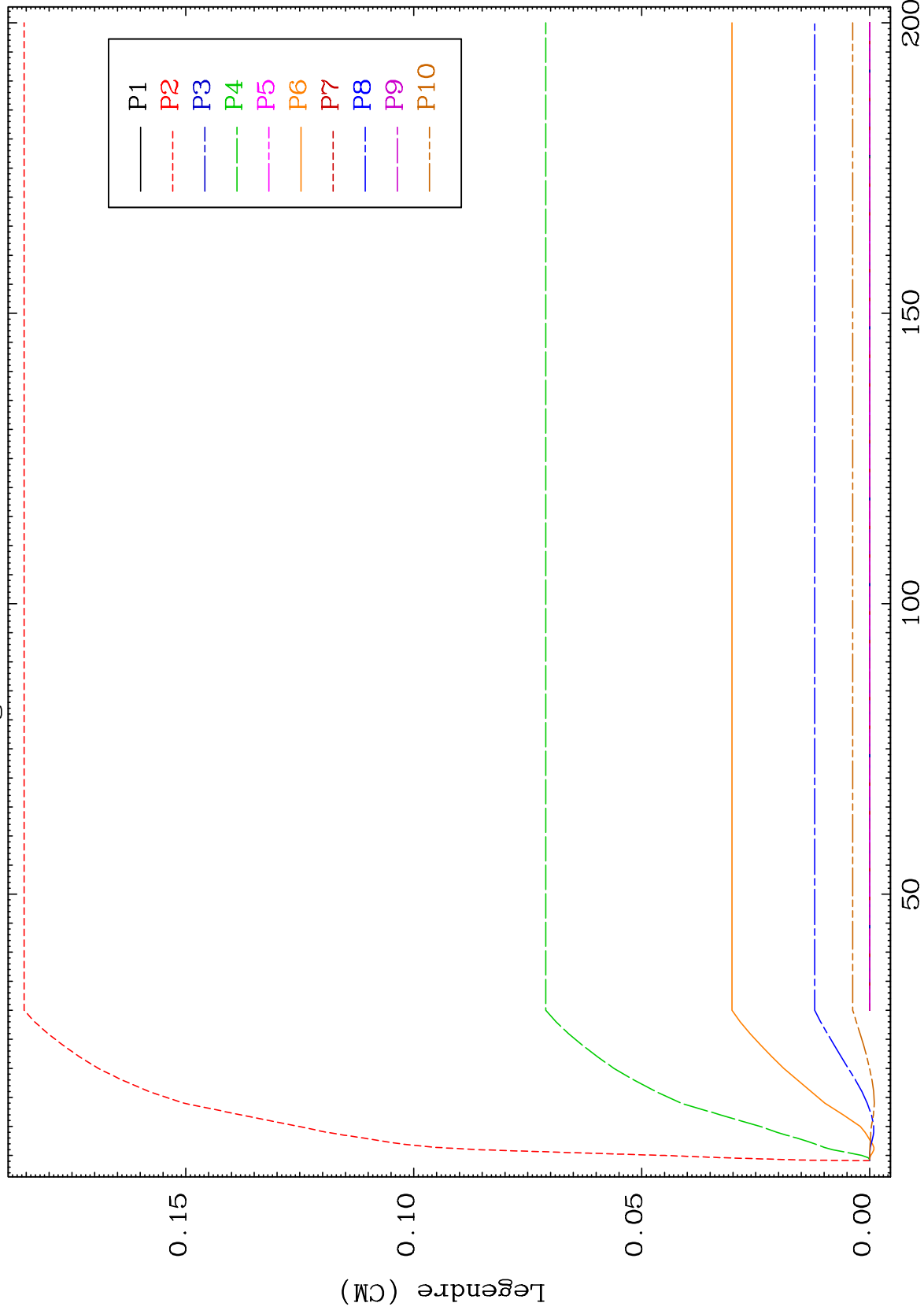
81-T1-207



MAT 8137

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

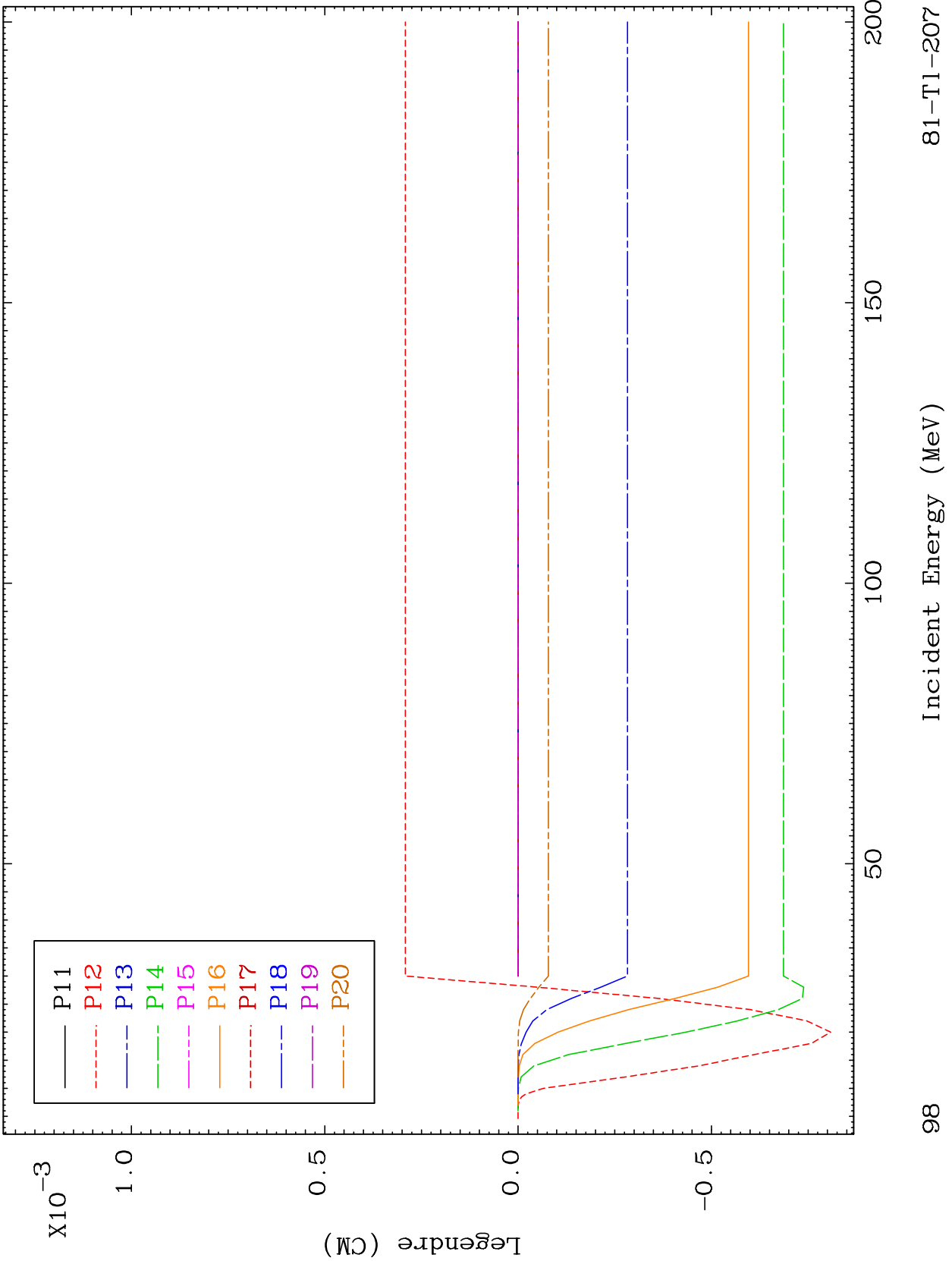
81-T1-207



97

Incident Energy (MeV)

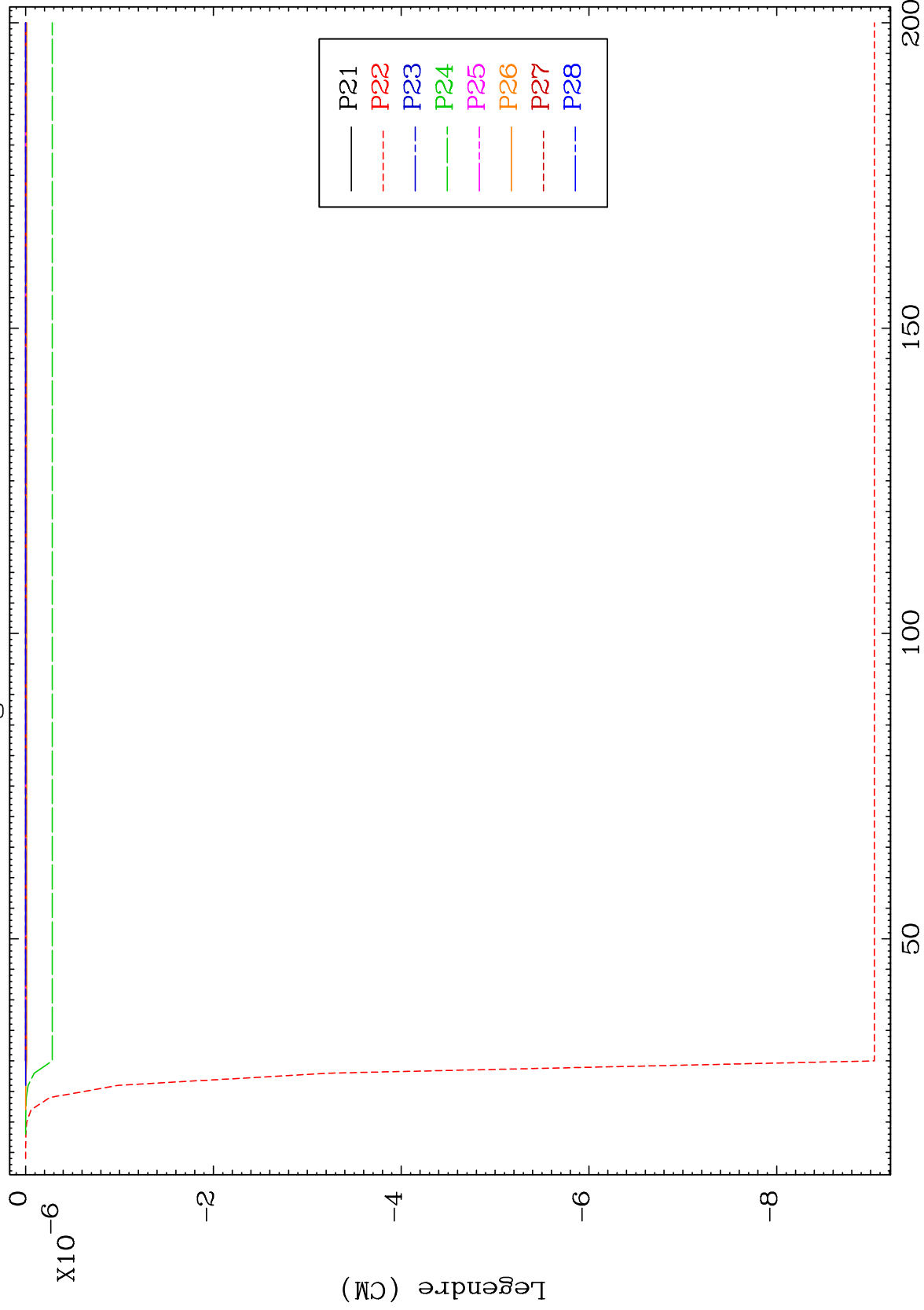
81-T1-207



MAT 8137

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

81-T1-207



99

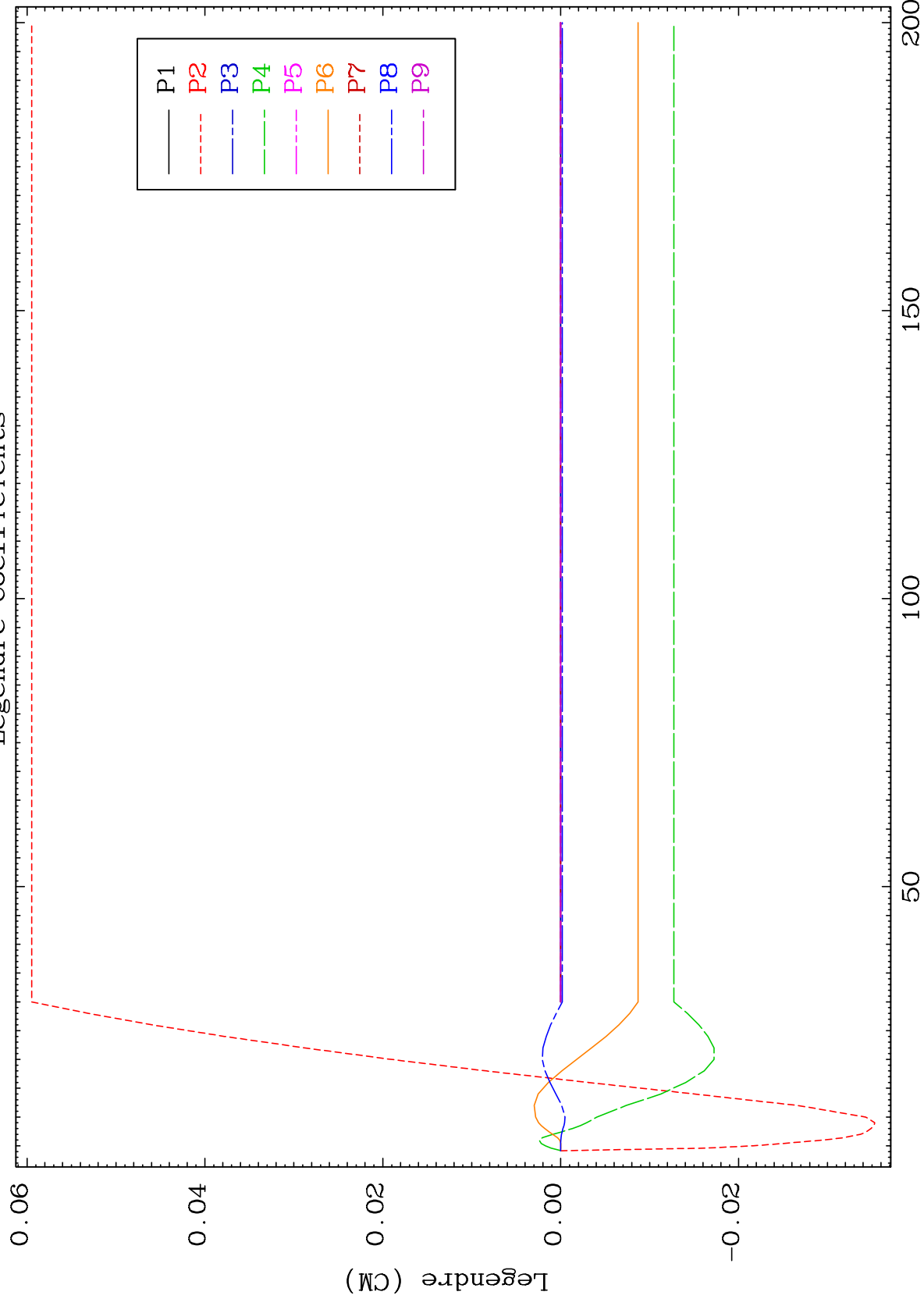
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



81-T1-207

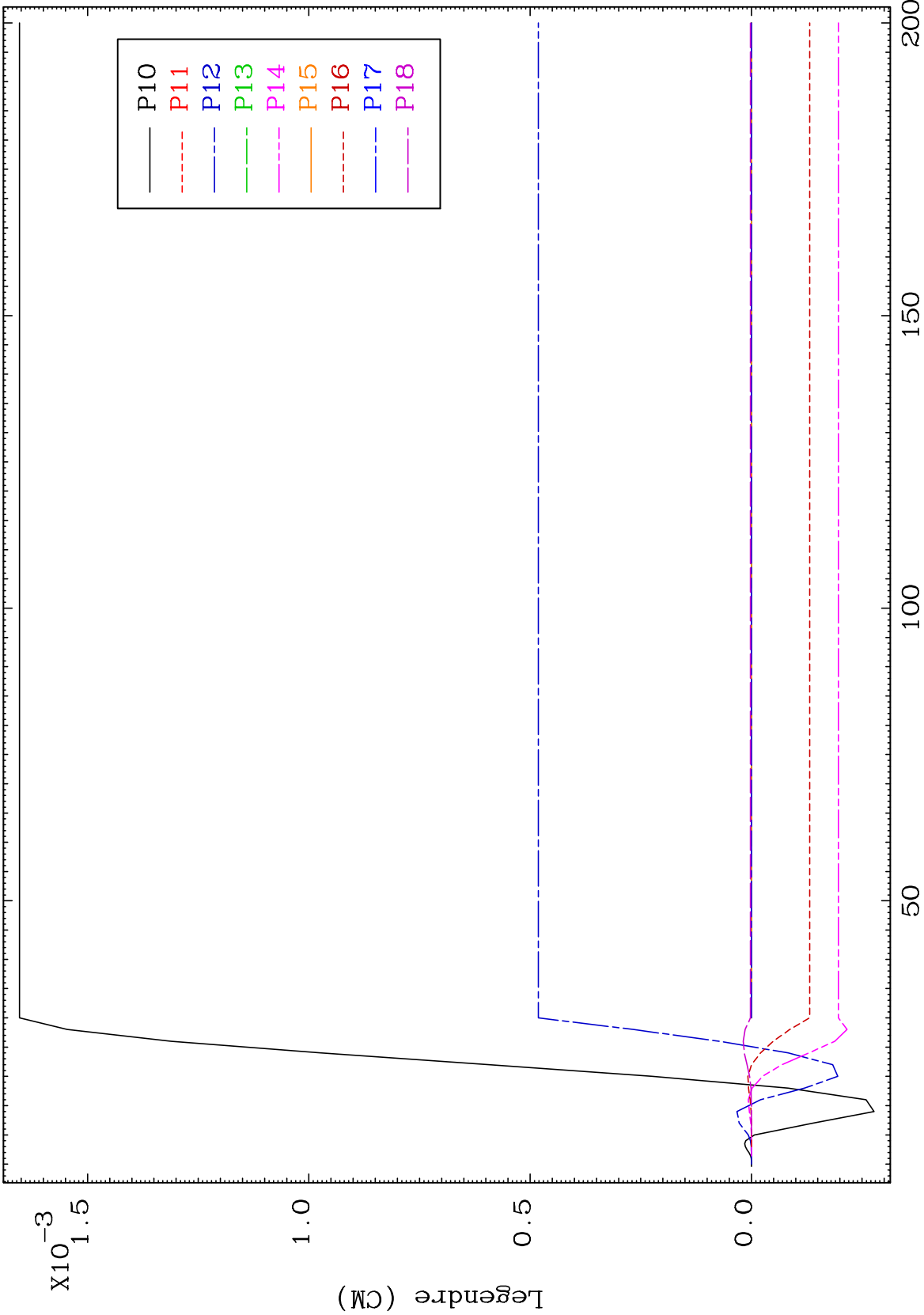
Incident Energy (MeV)

100

MAT 8137

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

81-Tl-207



101

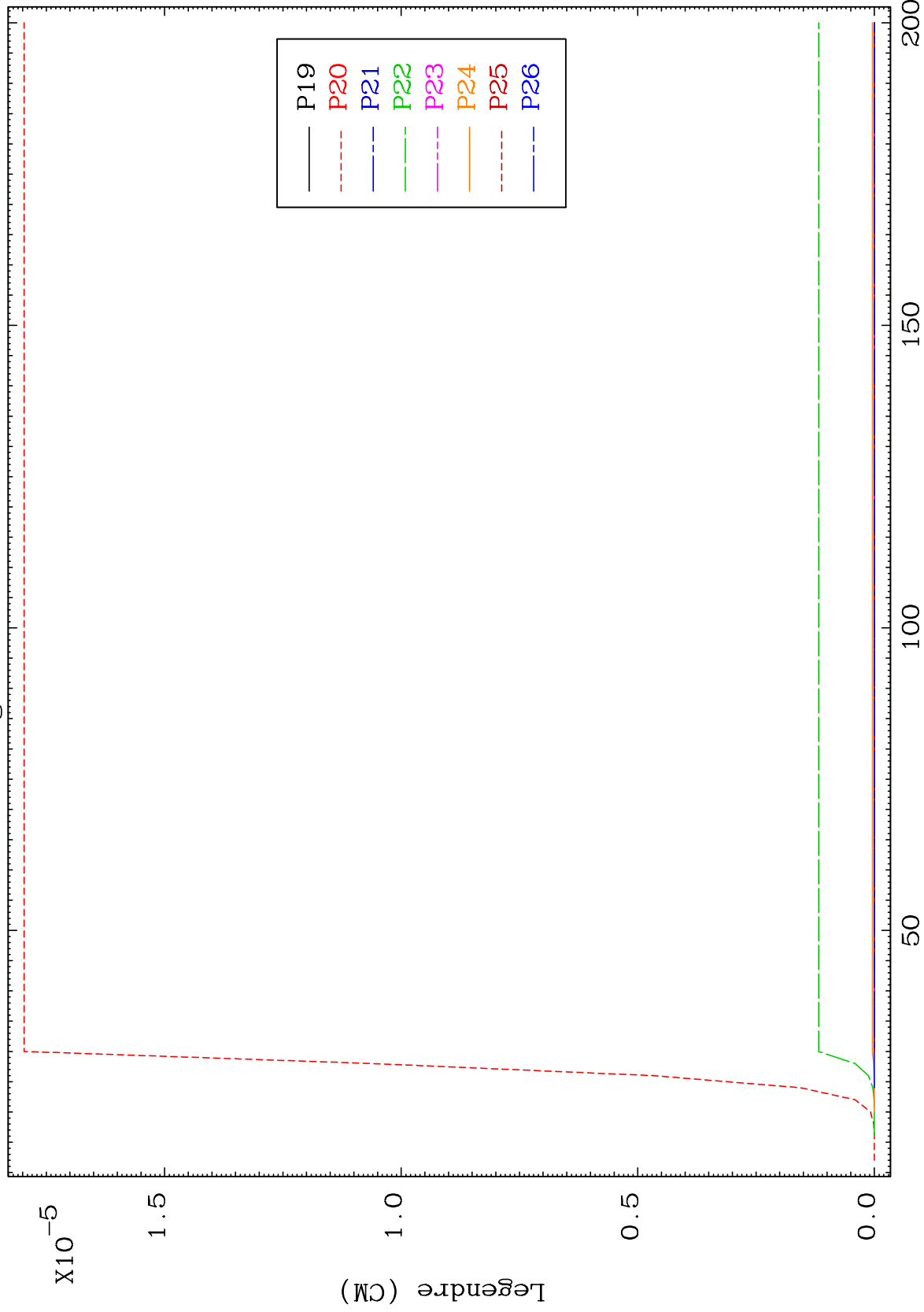
Incident Energy (MeV)

81-Tl-207

MAT 8137

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

81-T1-207



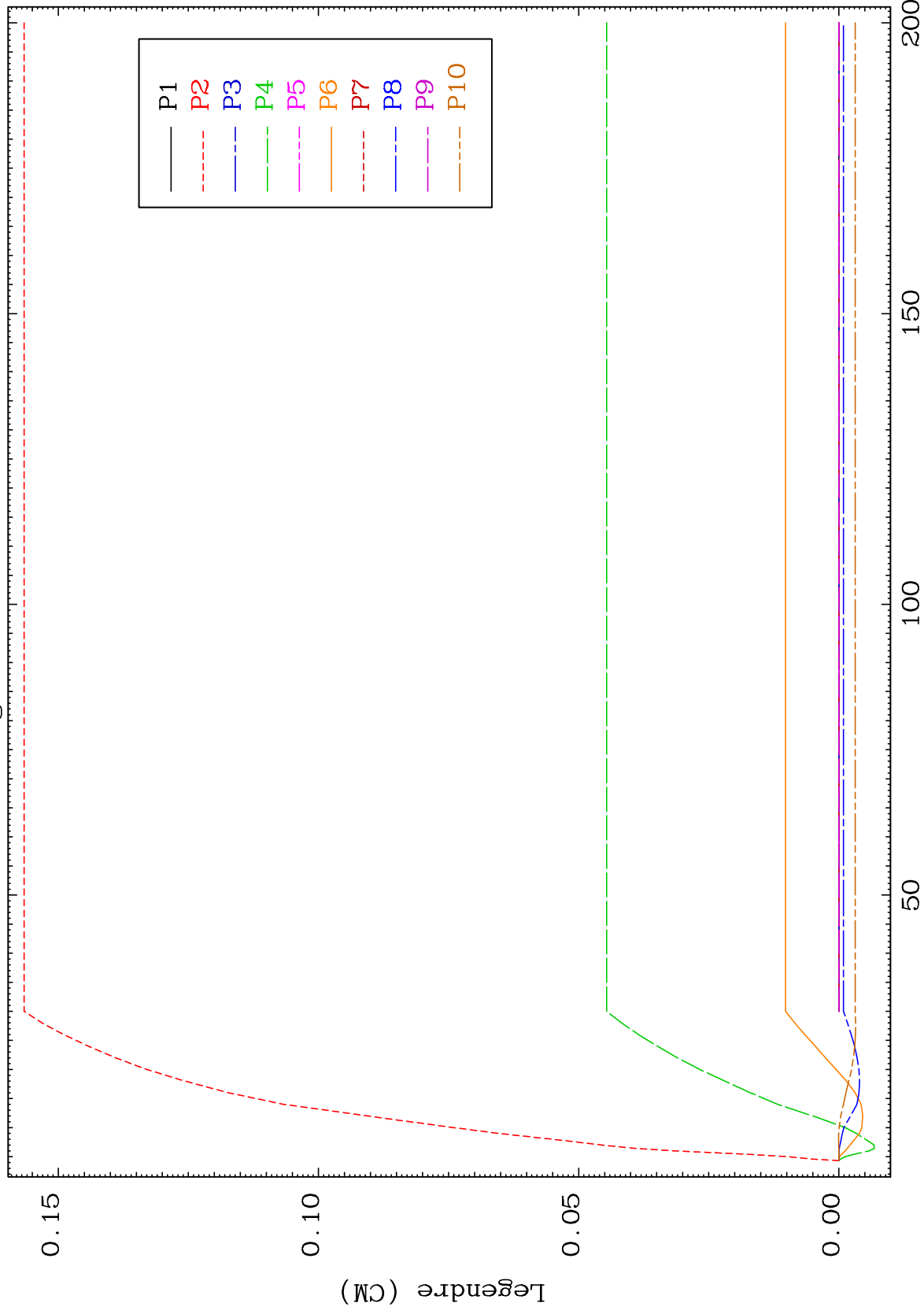
102

81-T1-207

MAT 8137

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

81-T1-207



103

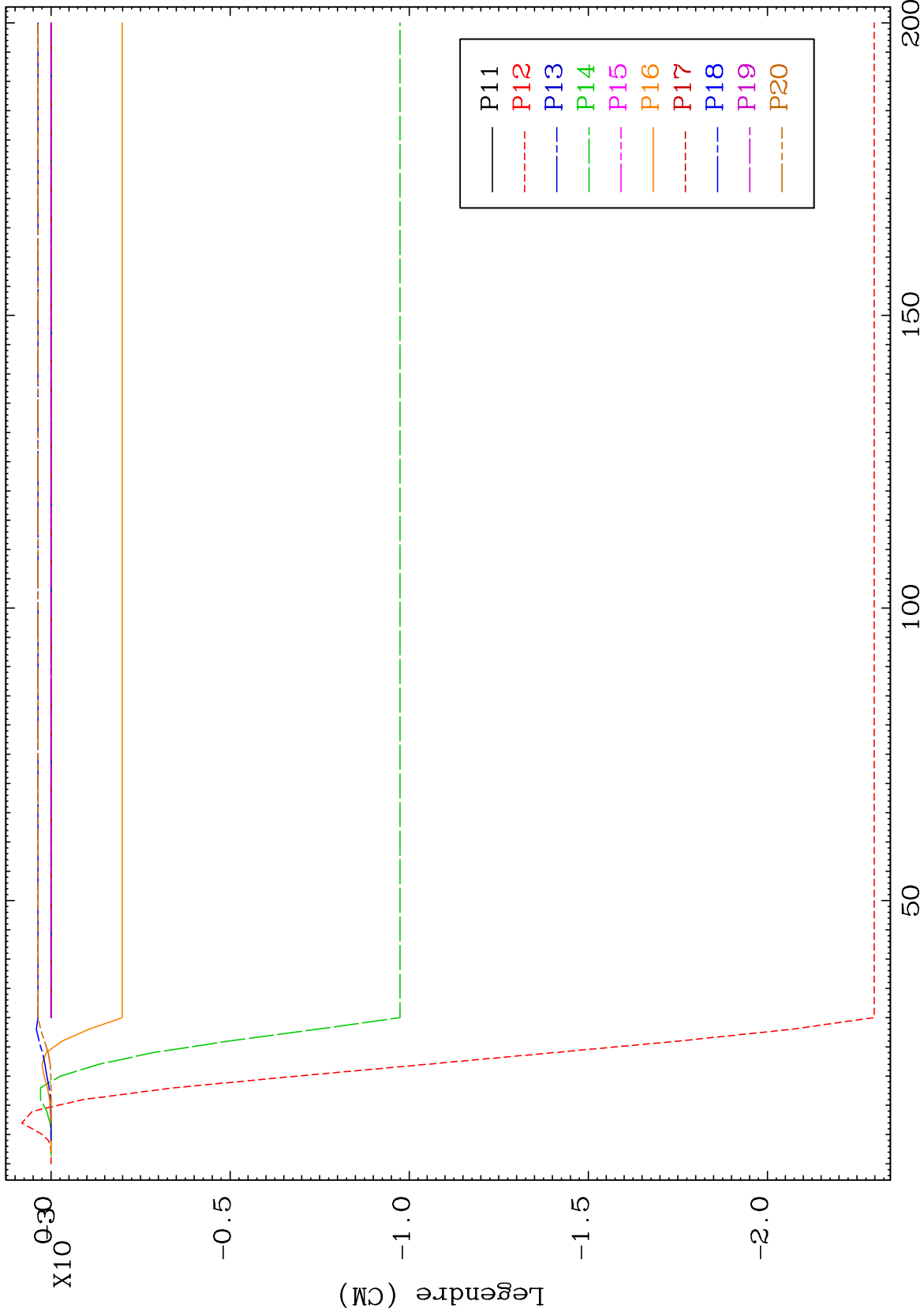
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



104

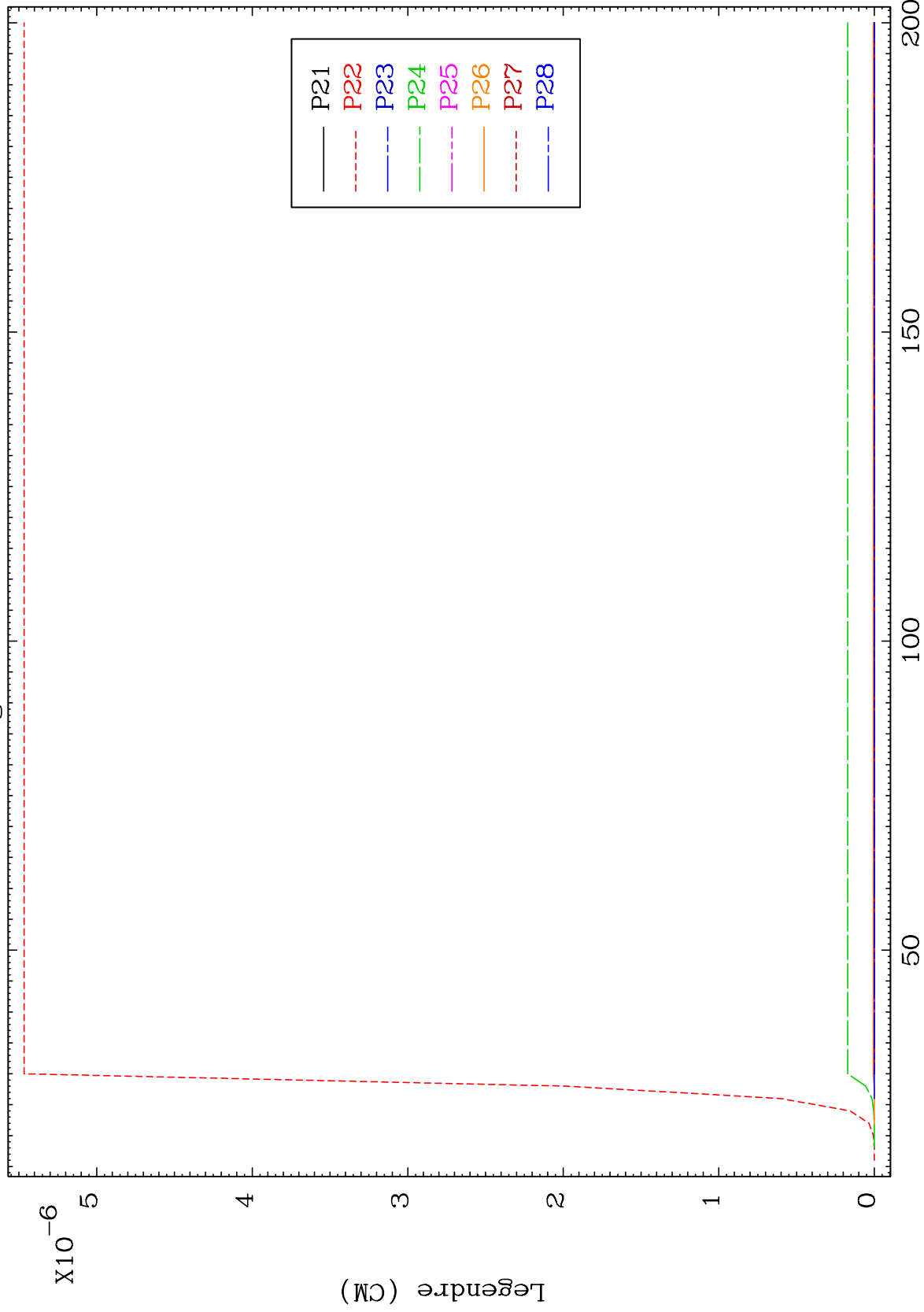
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



105

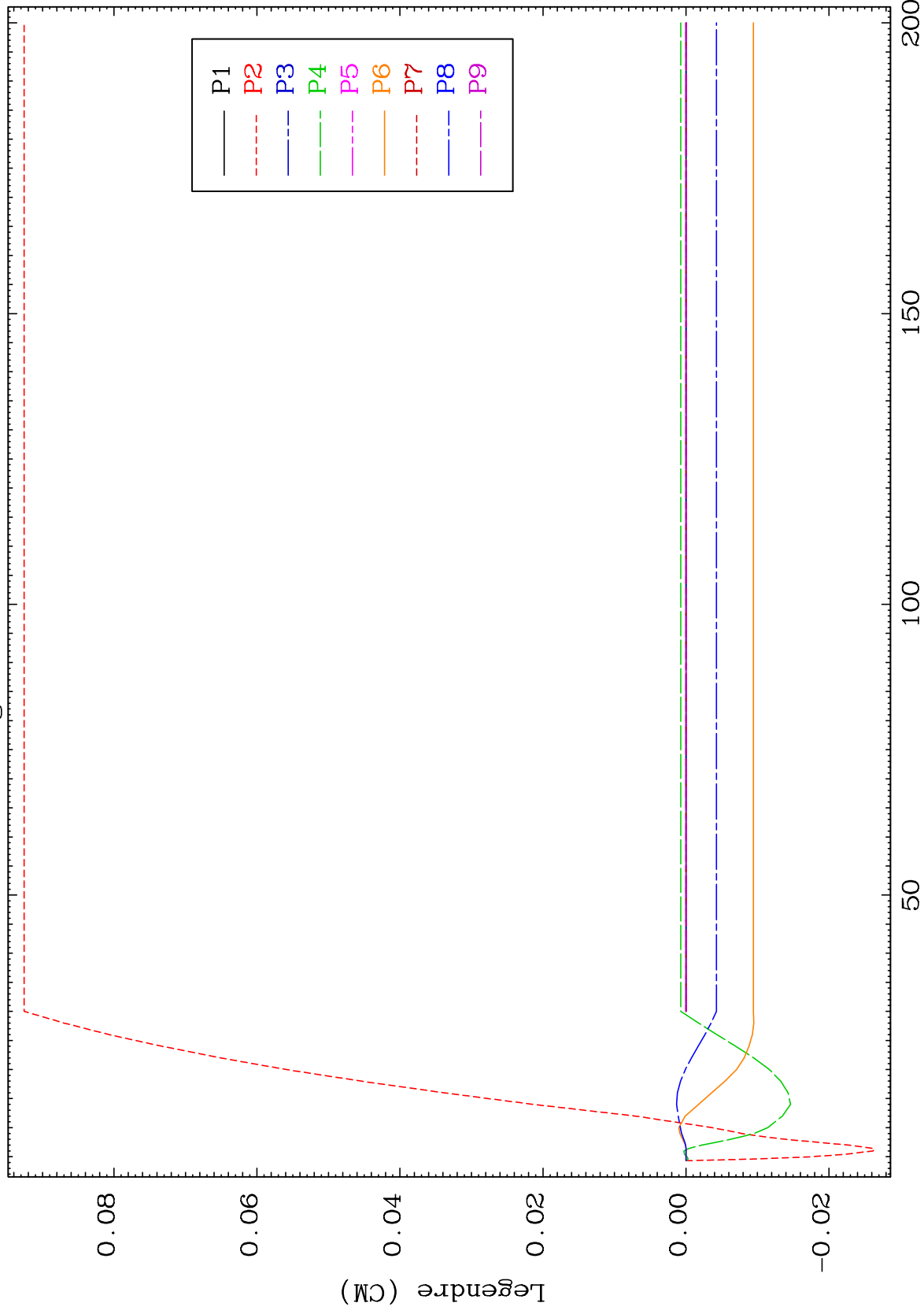
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



106

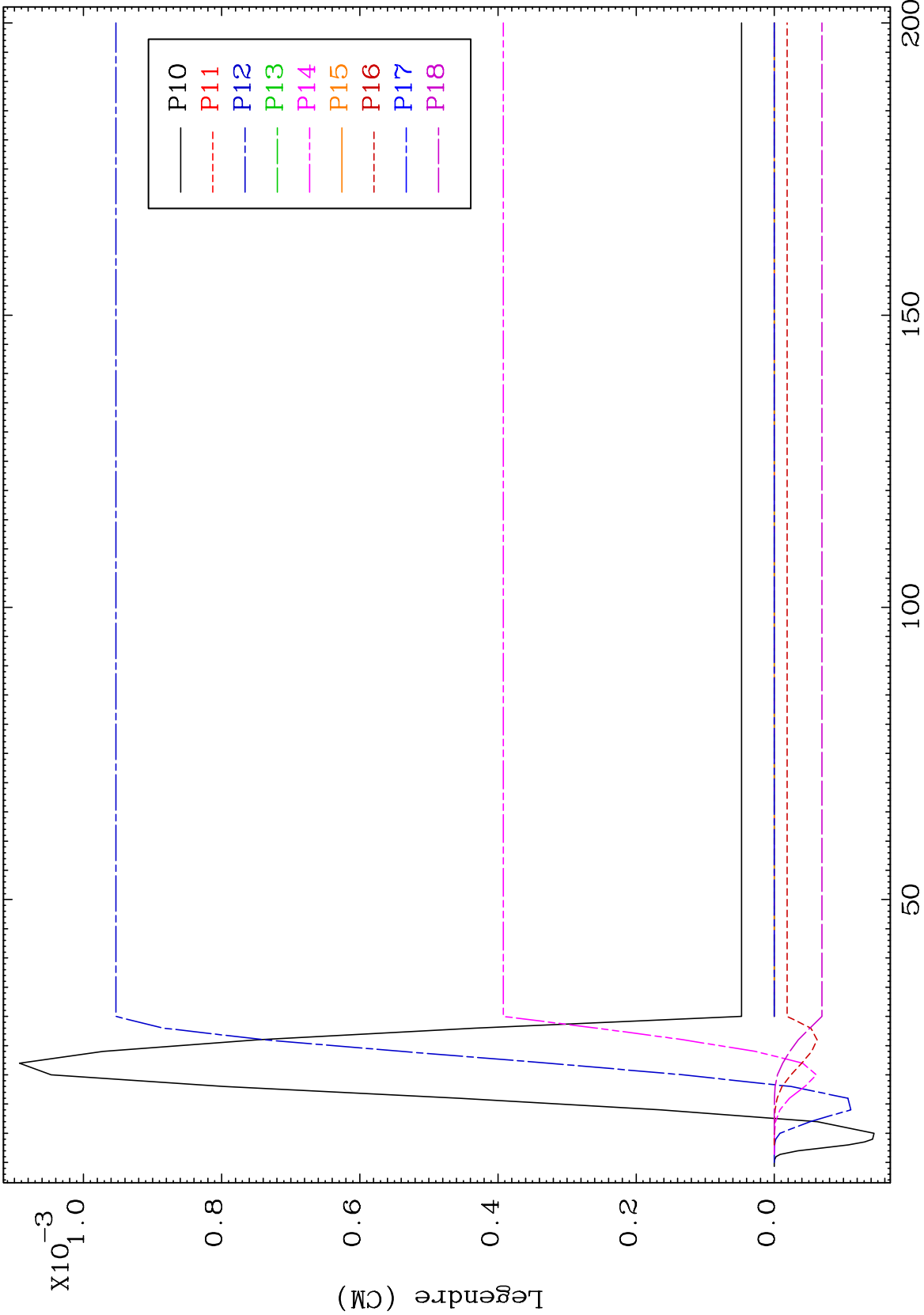
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-Tl-207



107

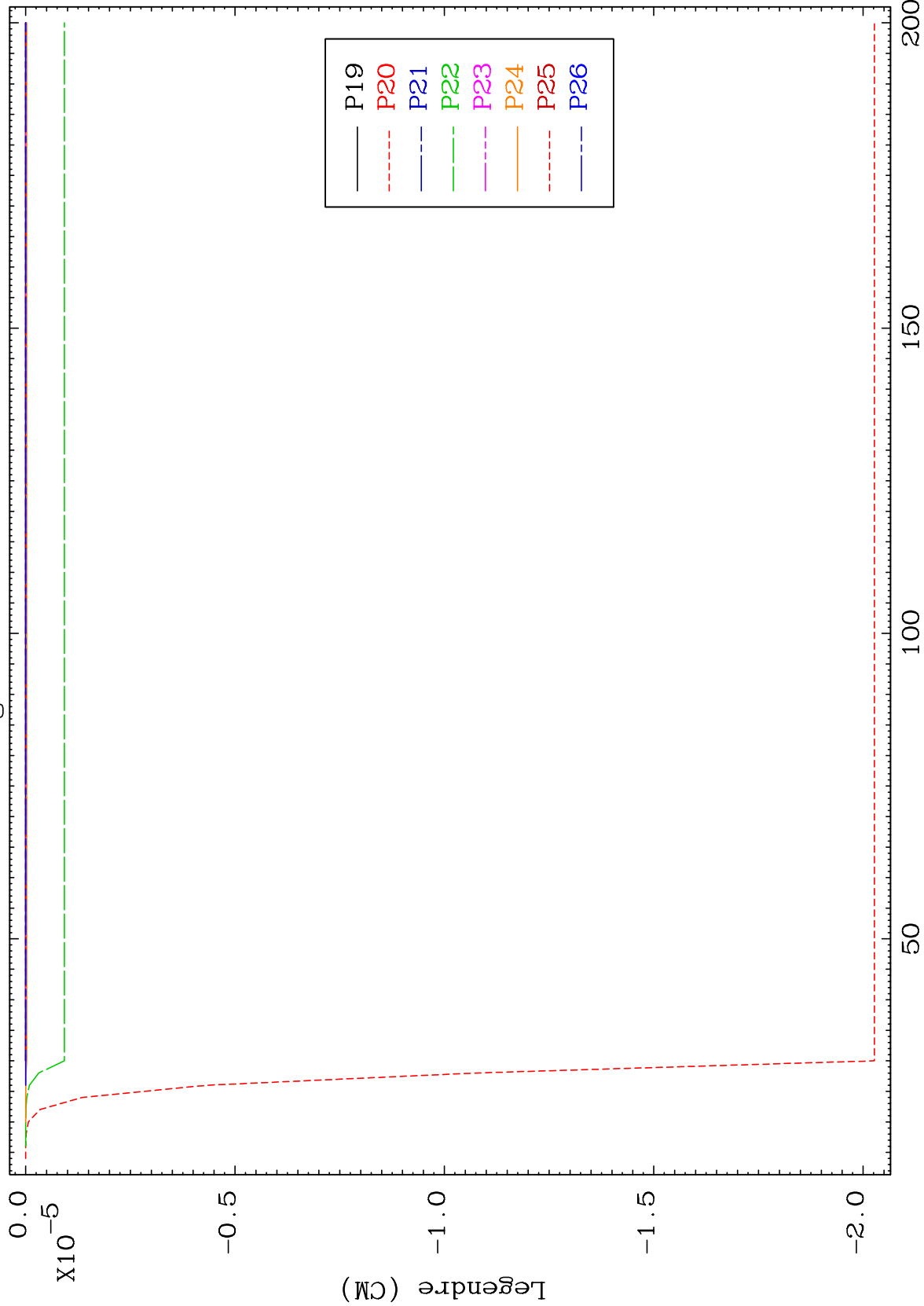
Incident Energy (MeV)

81-Tl-207

MAT 8137

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

81-T1-207



108

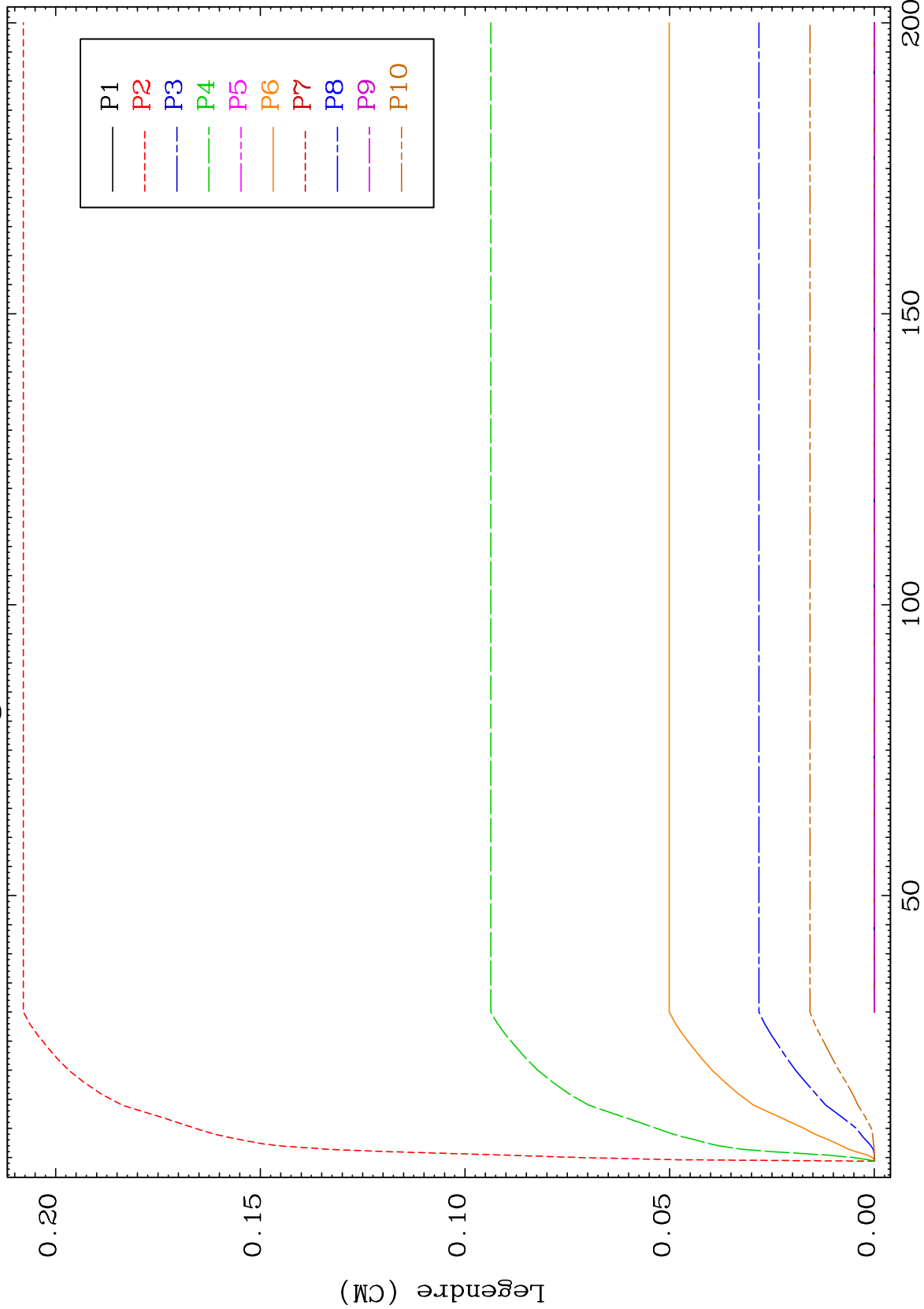
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



109

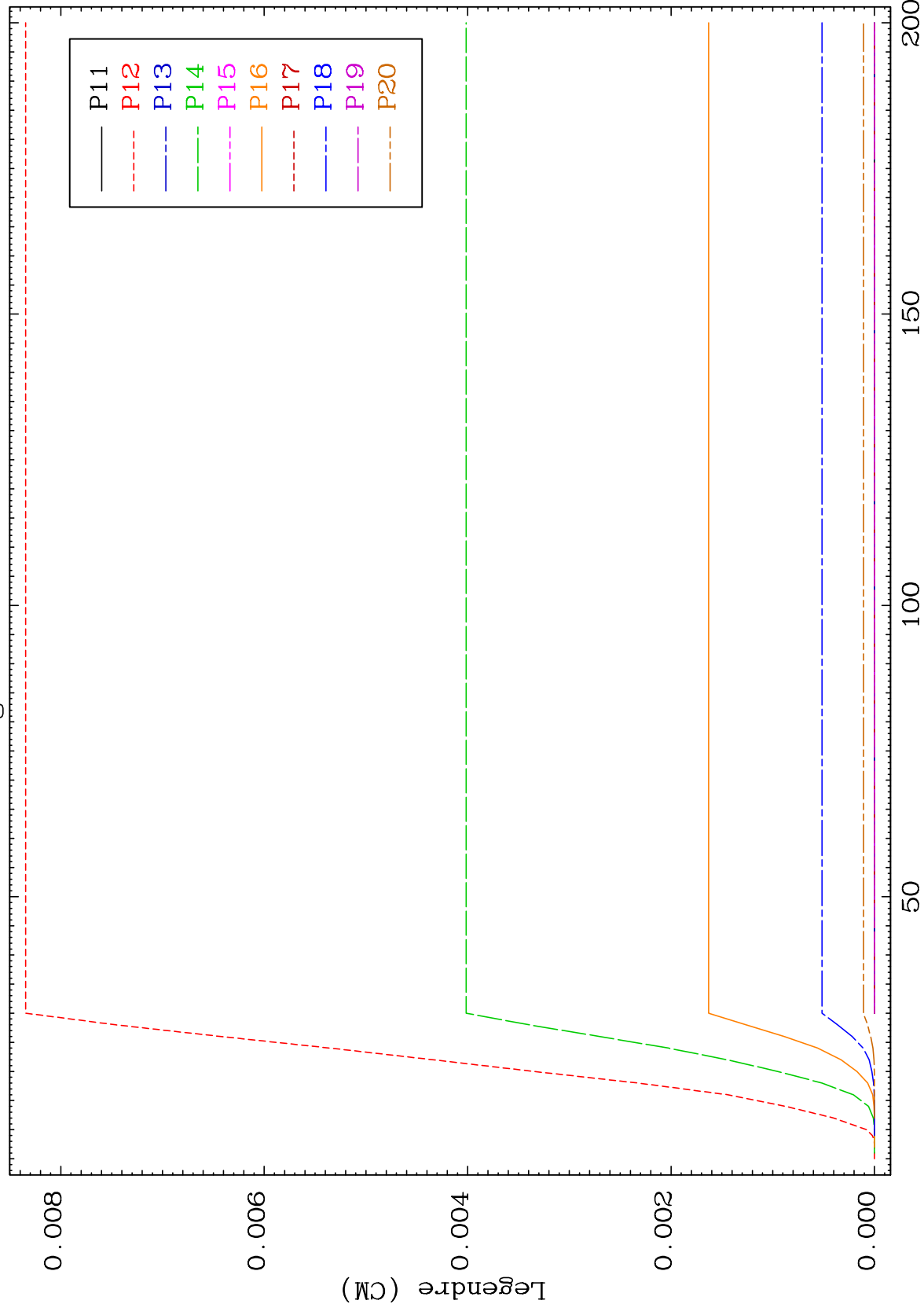
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-Tl-207



110

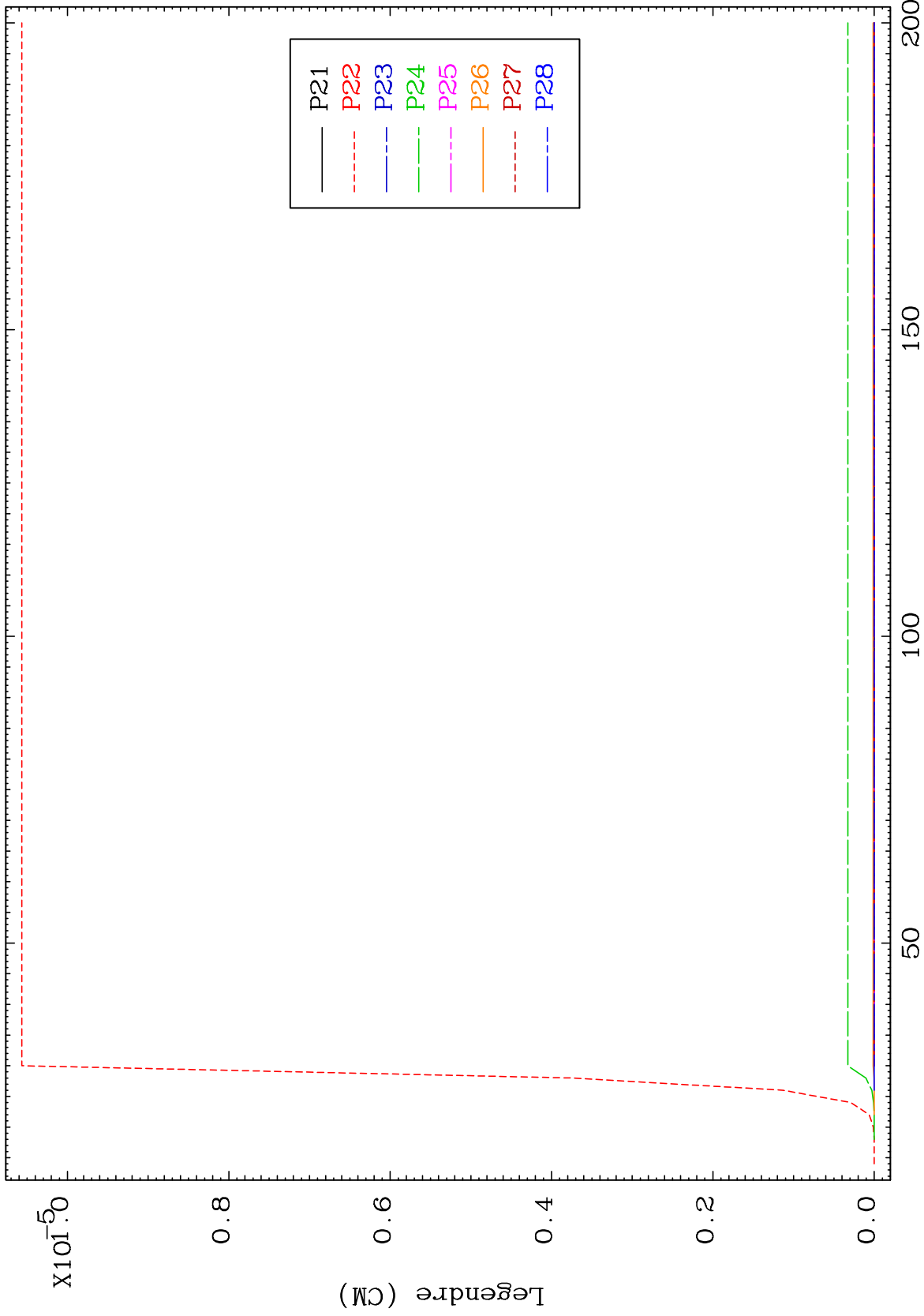
Incident Energy (MeV)

81-Tl-207

MAT 8137

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

81-T1-207



111

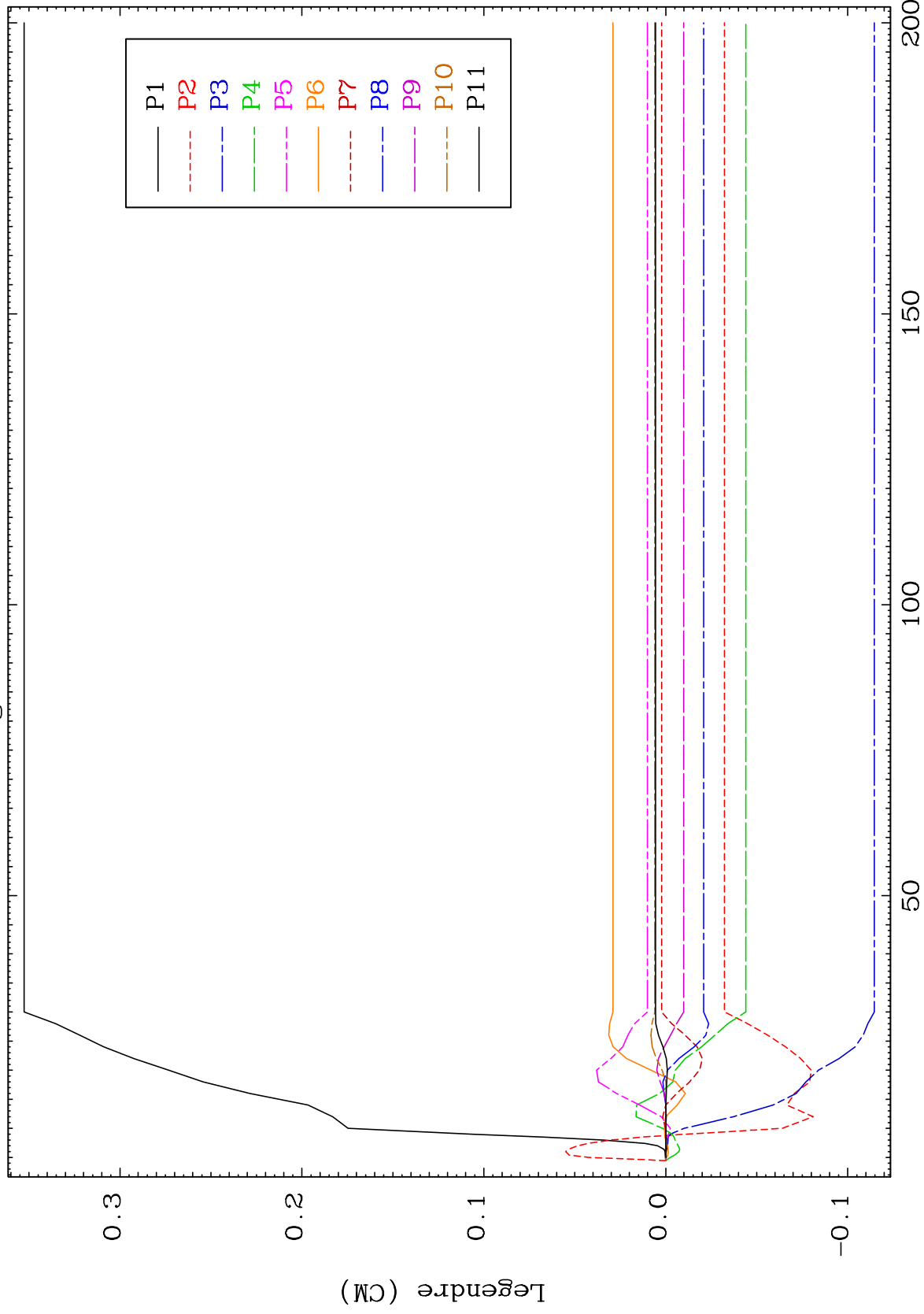
Incident Energy (MeV)

81-T1-207

MAT 8137

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

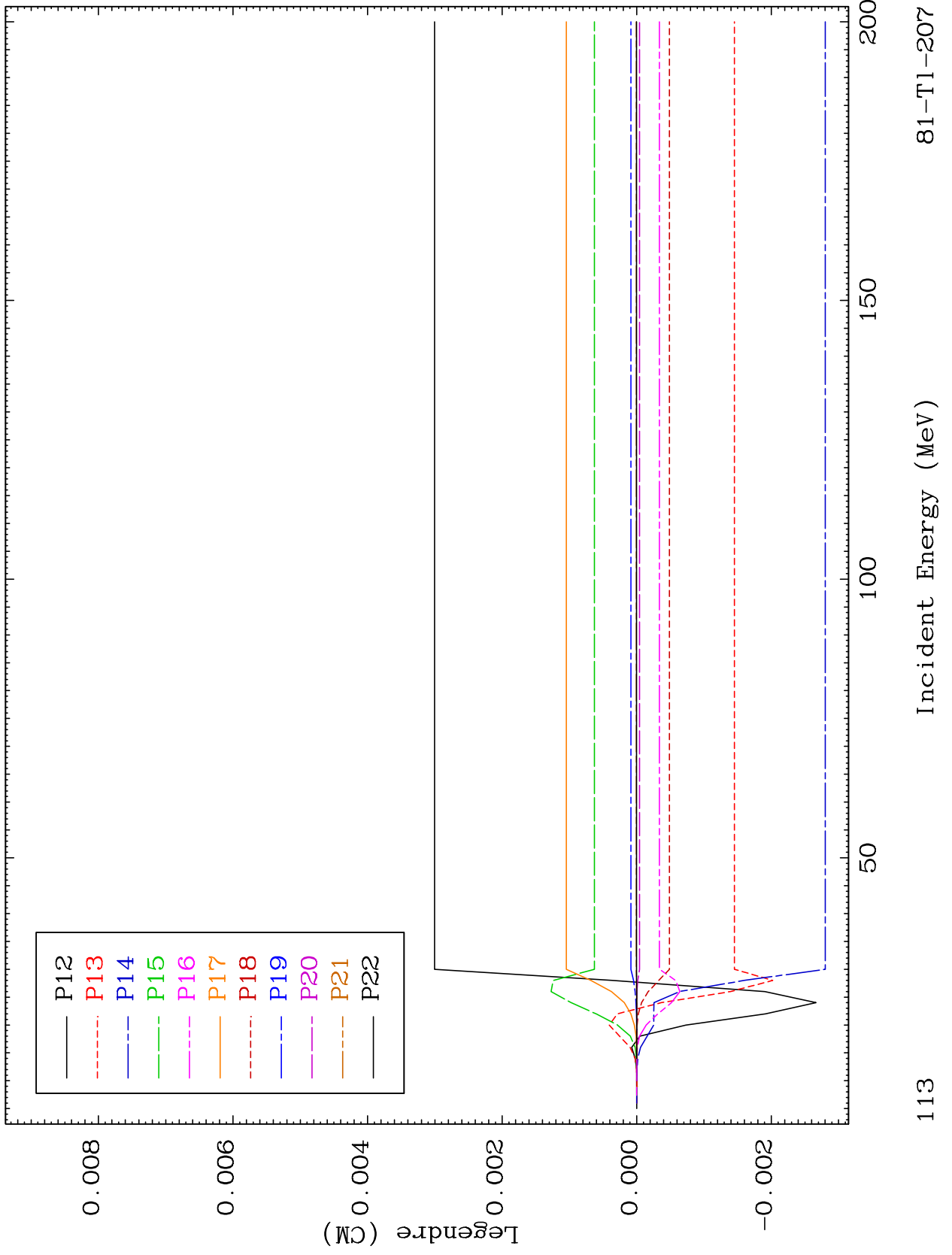
81-Tl-207

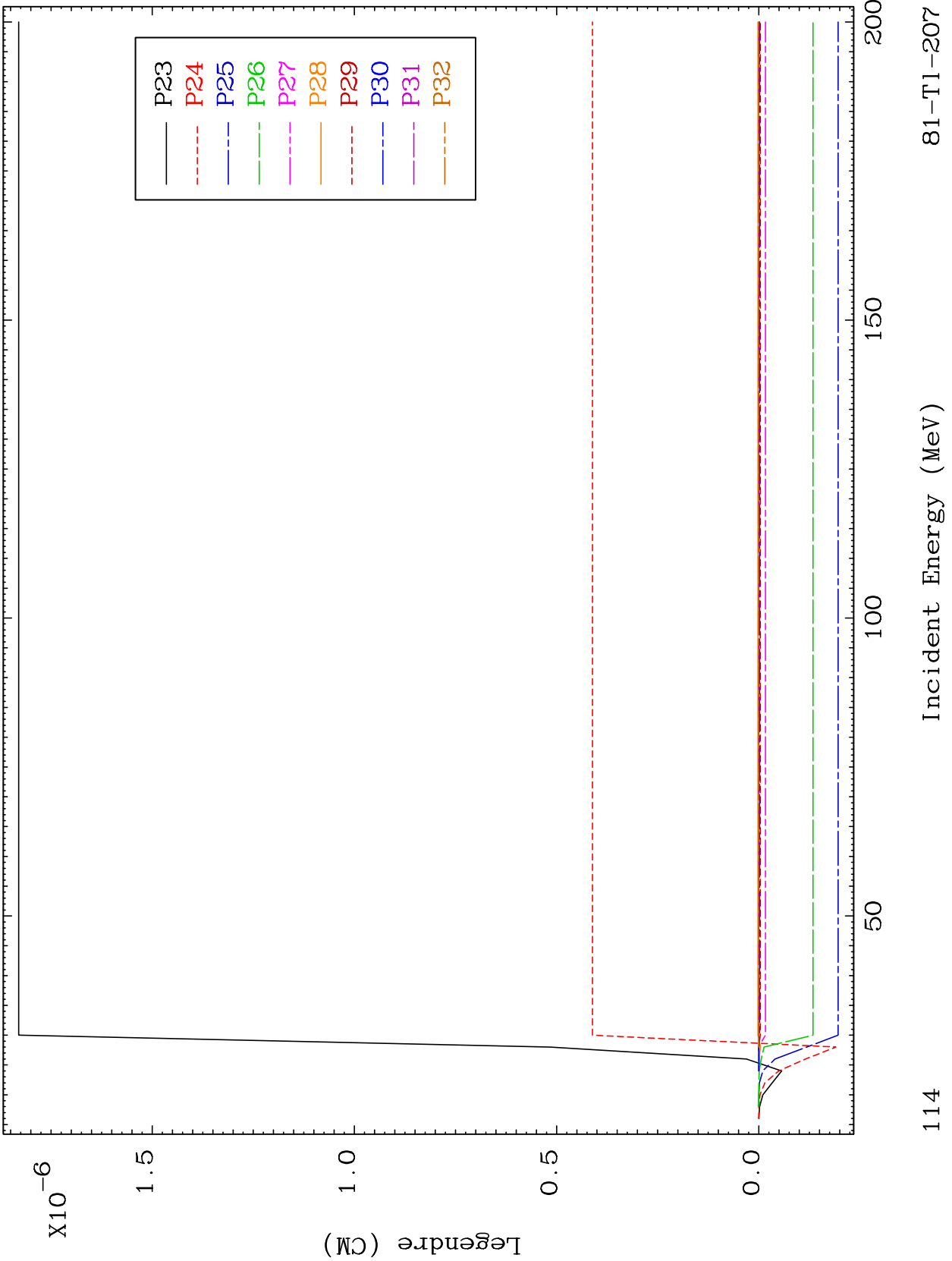


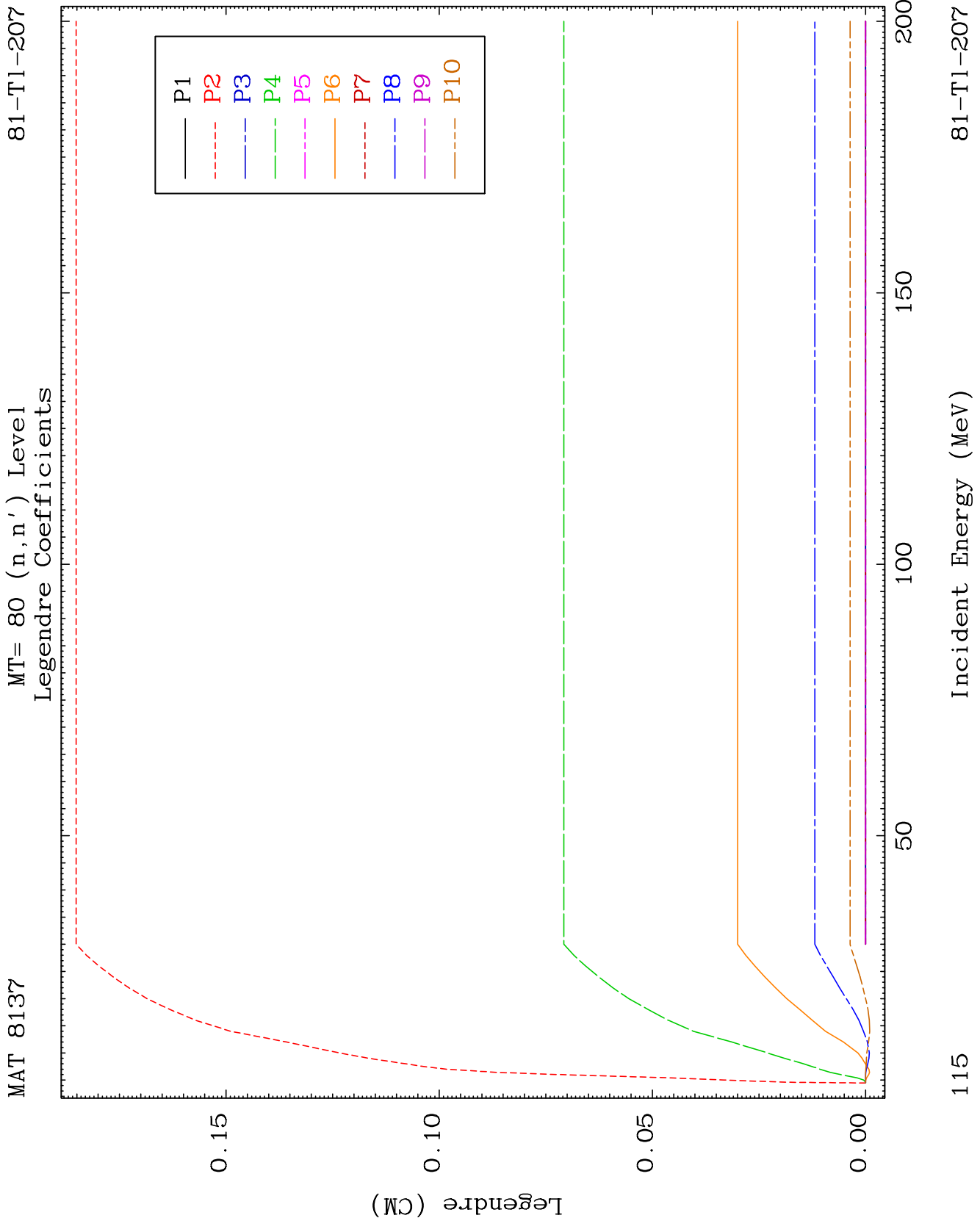
112

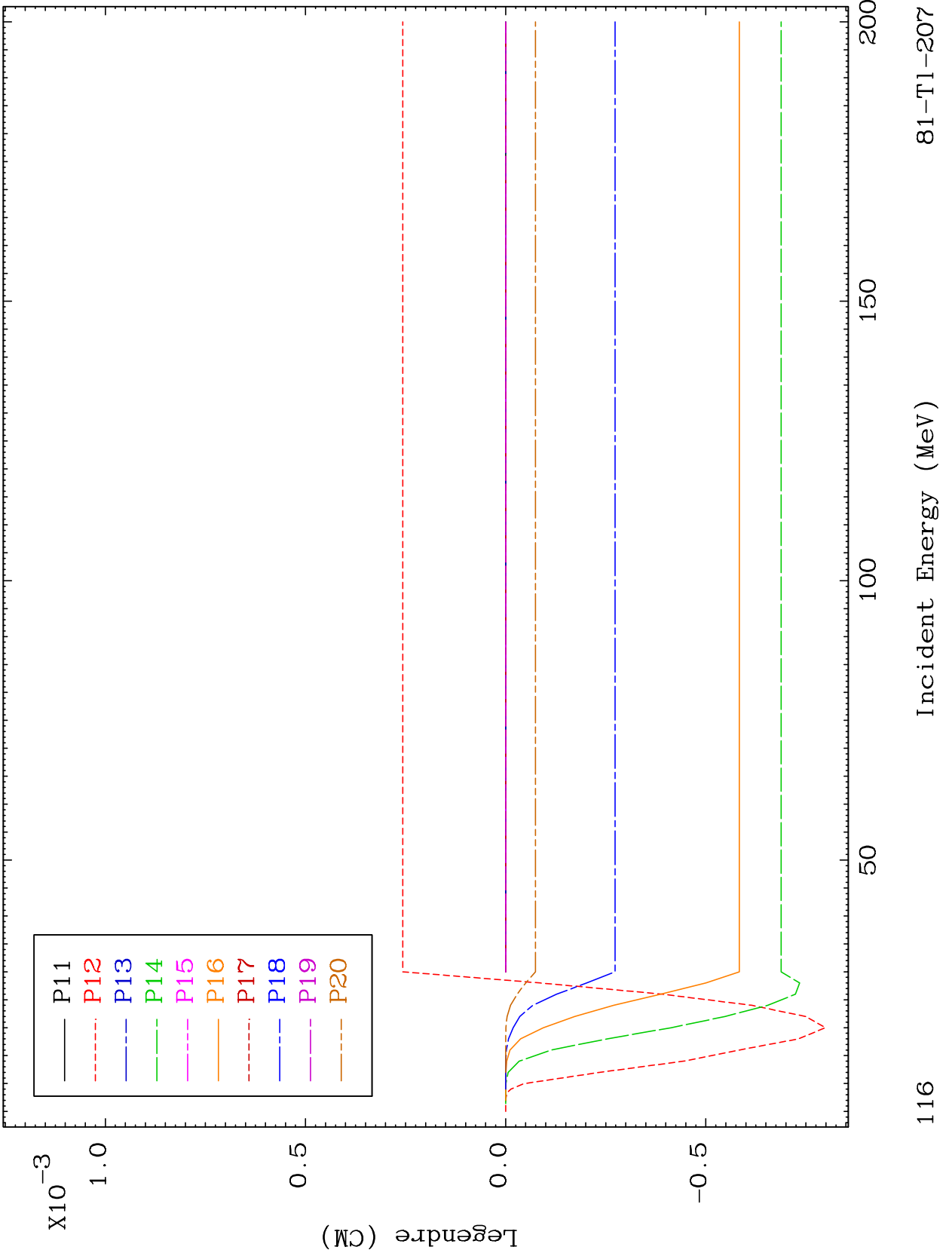
Incident Energy (MeV)

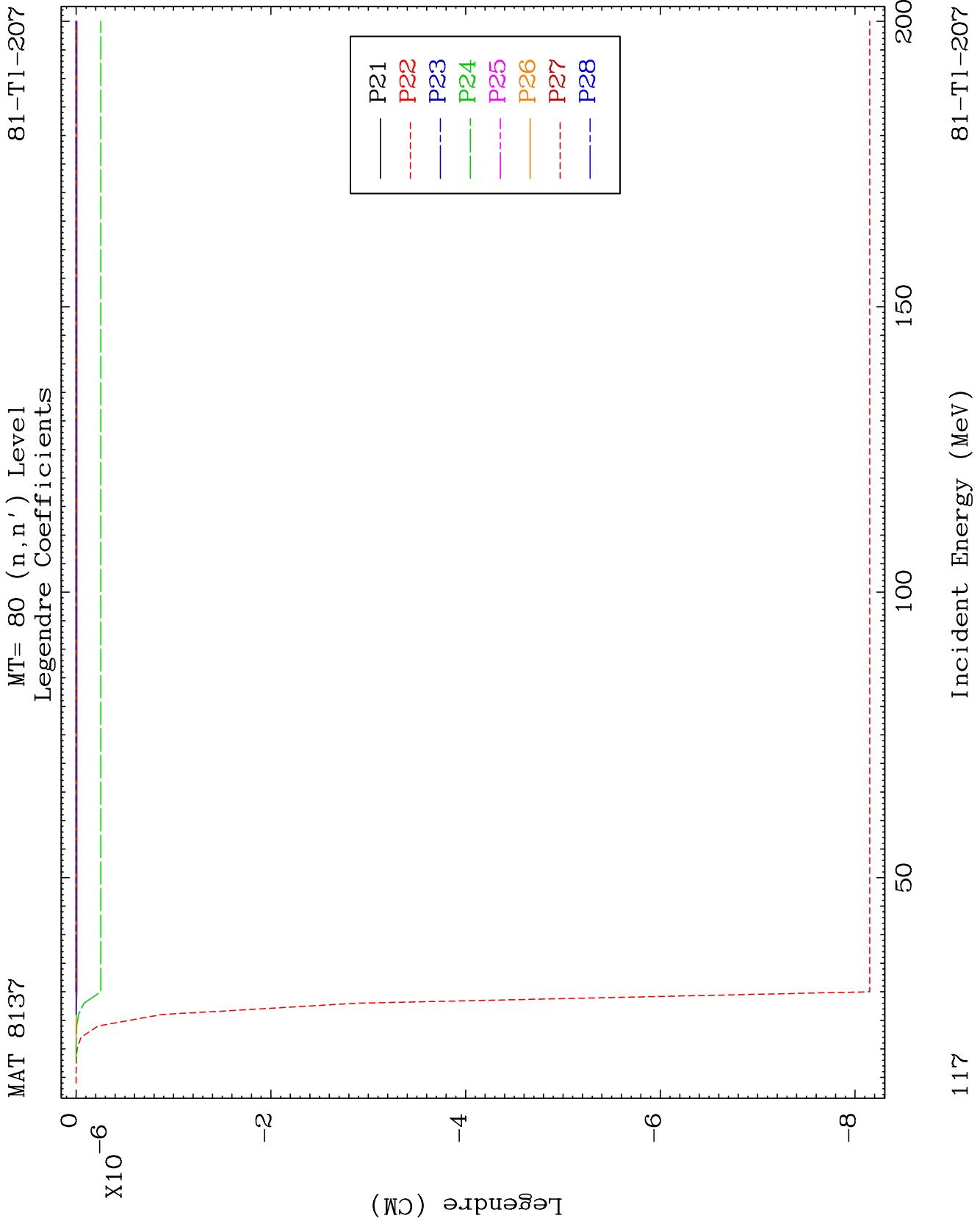
81-Tl-207







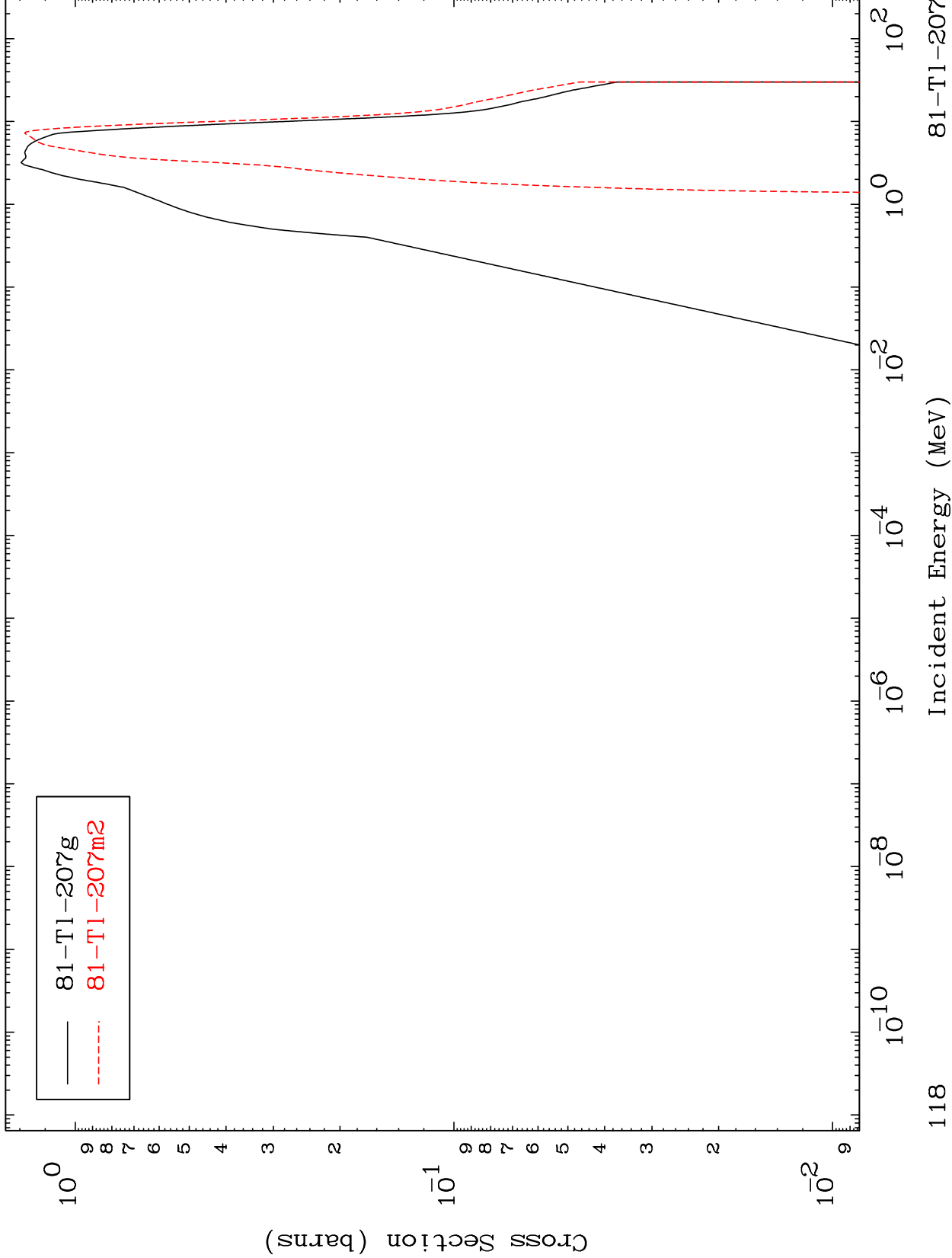




MAT 8137

Inelastic  
Radionuclide Production Cross Section

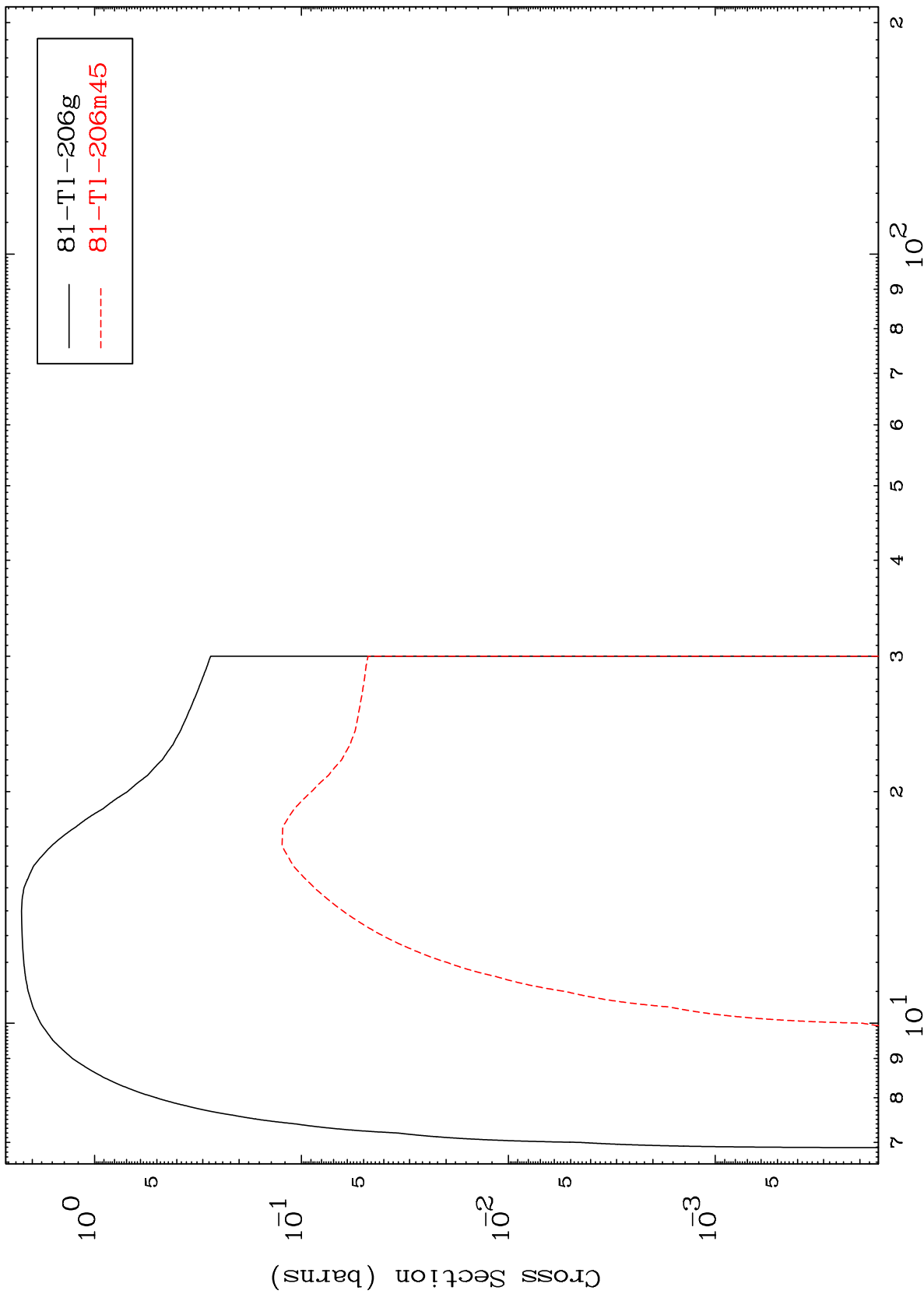
81-Tl-207



MAT 8137

81-Tl-207

(n,2n)  
Radionuclide Production Cross Section



81-Tl-206g  
81-Tl-206m45

119

Incident Energy (MeV)

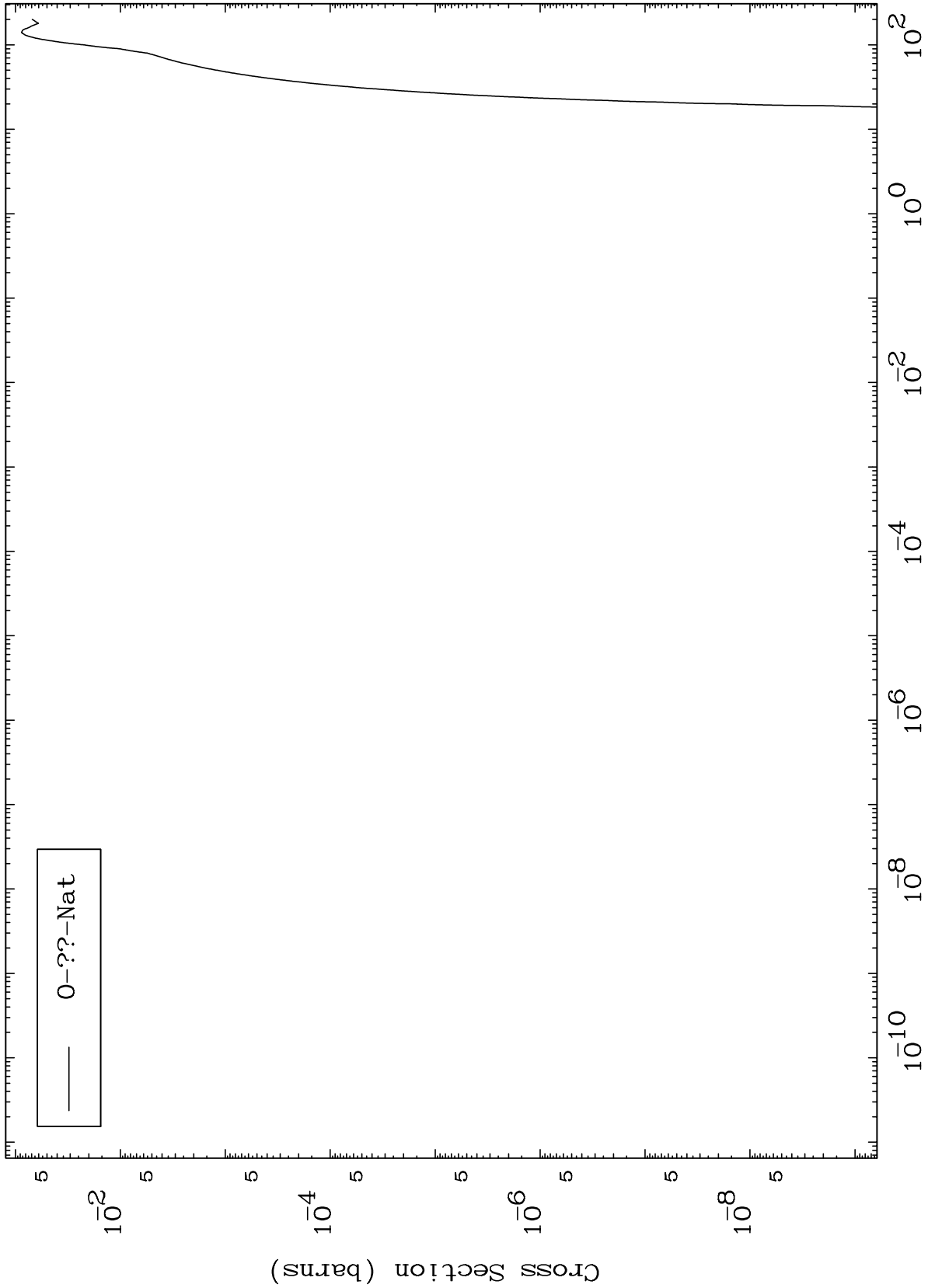
81-Tl-207

MAT 8137

Fission

81-Tl-207

Radionuclide Production Cross Section

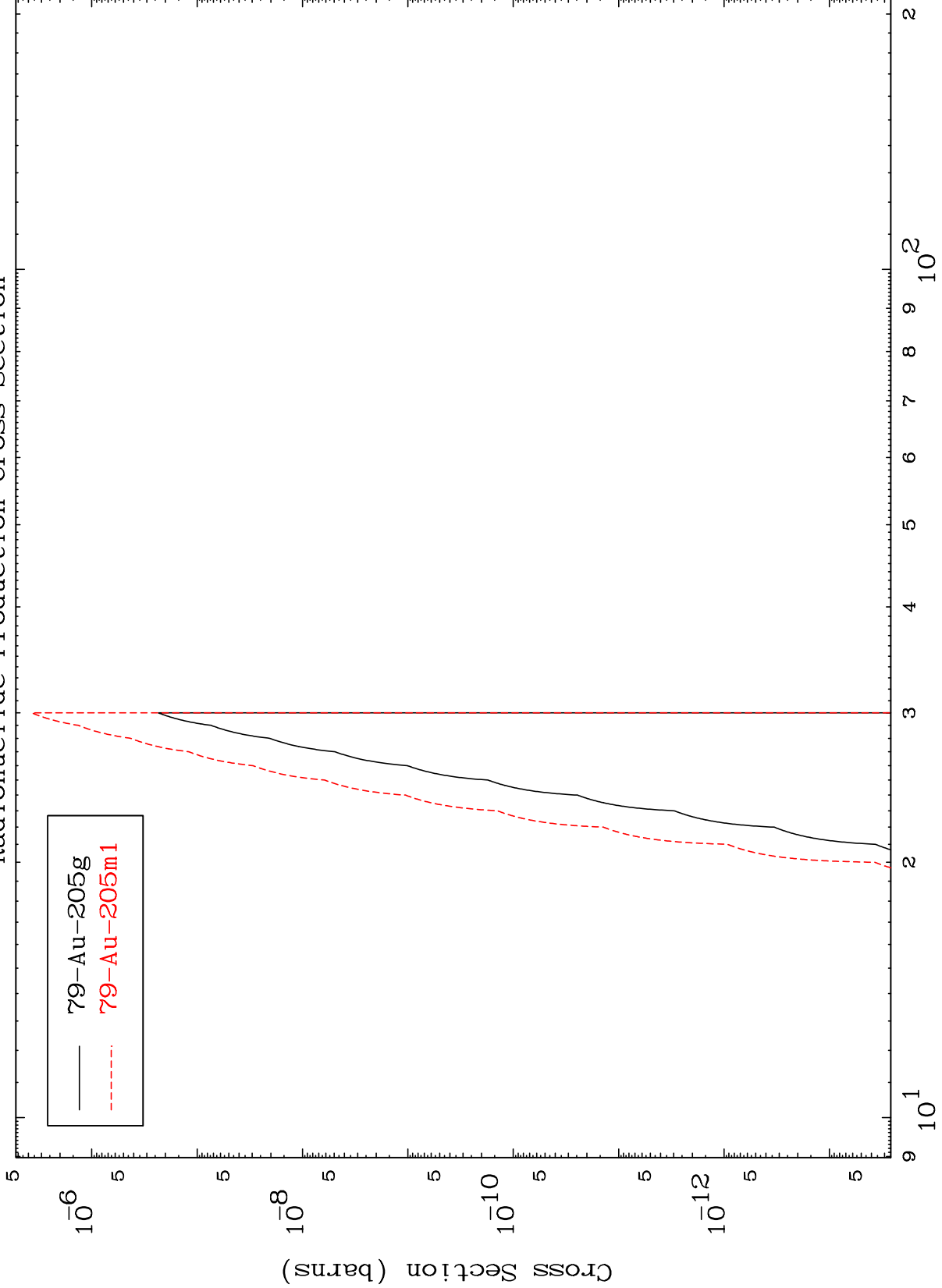


MAT 8137

(n,He-3)

81-Tl-207

Radionuclide Production Cross Section



121

Incident Energy (MeV)

81-Tl-207