

Program EVALPLOT  
(Version 2021-1)

by

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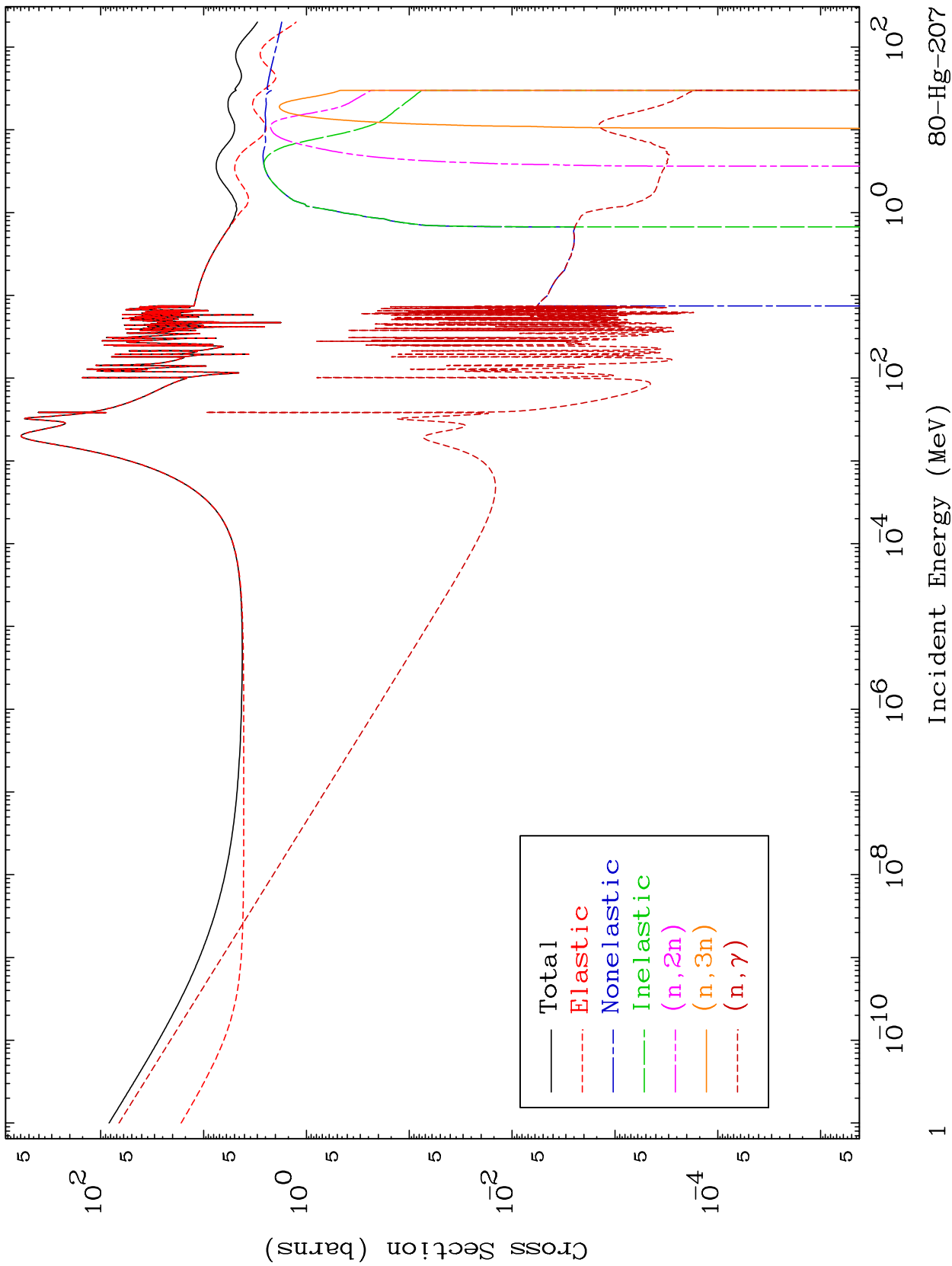
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8058

Neutron Major  
293 Kelvin Cross Sections

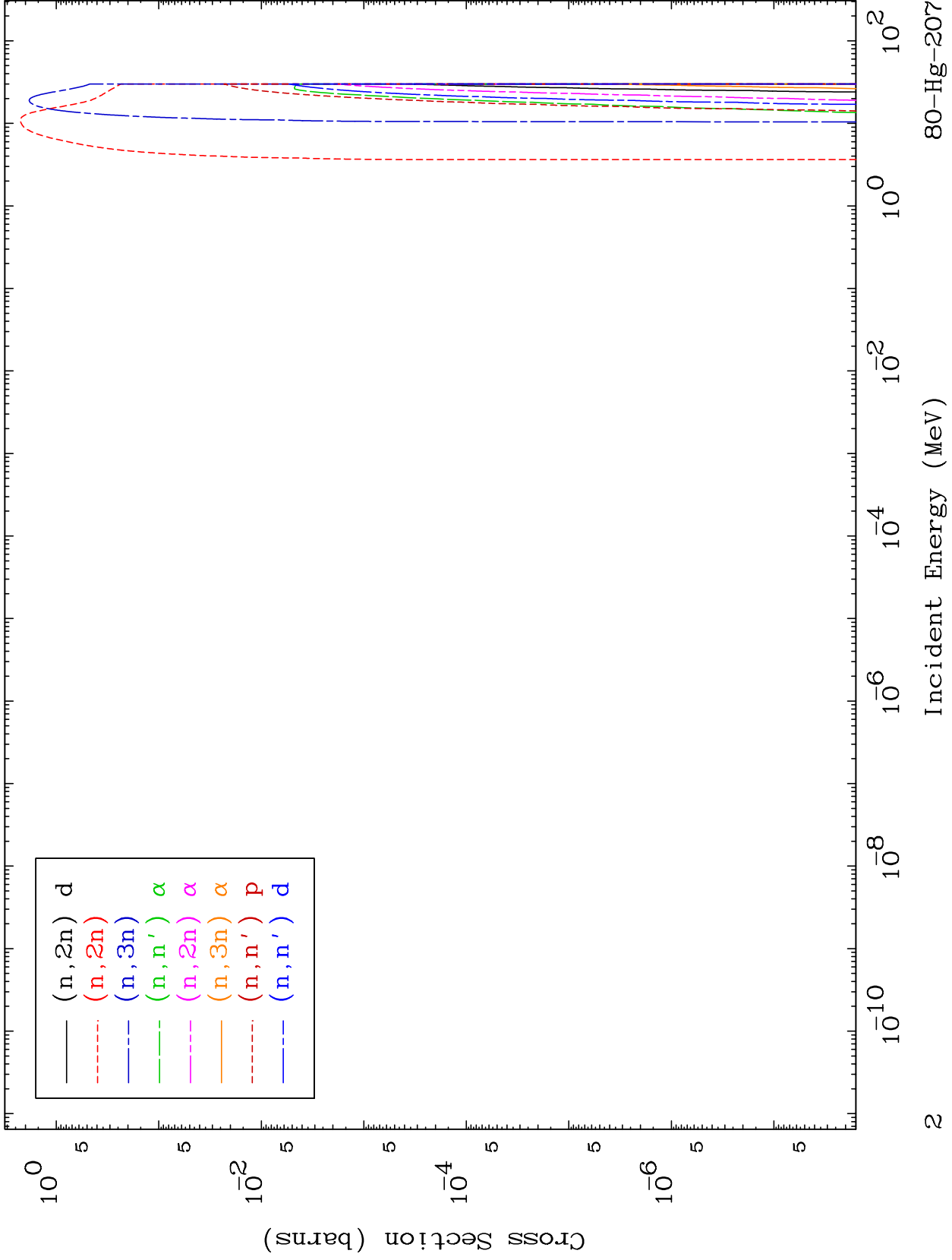
80-Hg-207



MAT 8058

Neutron Absorption  
293 Kelvin Cross Sections

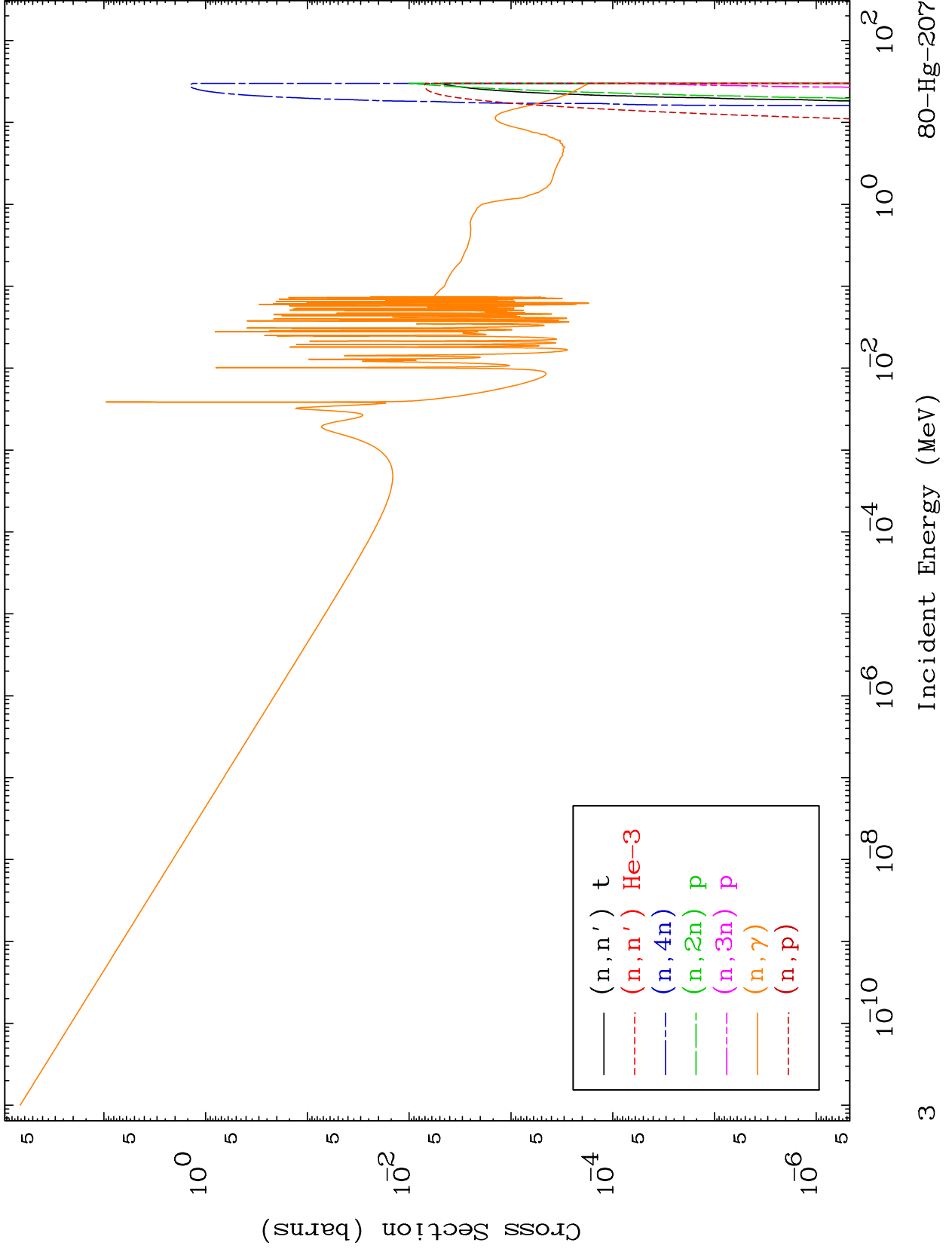
80-Hg-207



MAT 8058

Neutron Absorption  
293 Kelvin Cross Sections

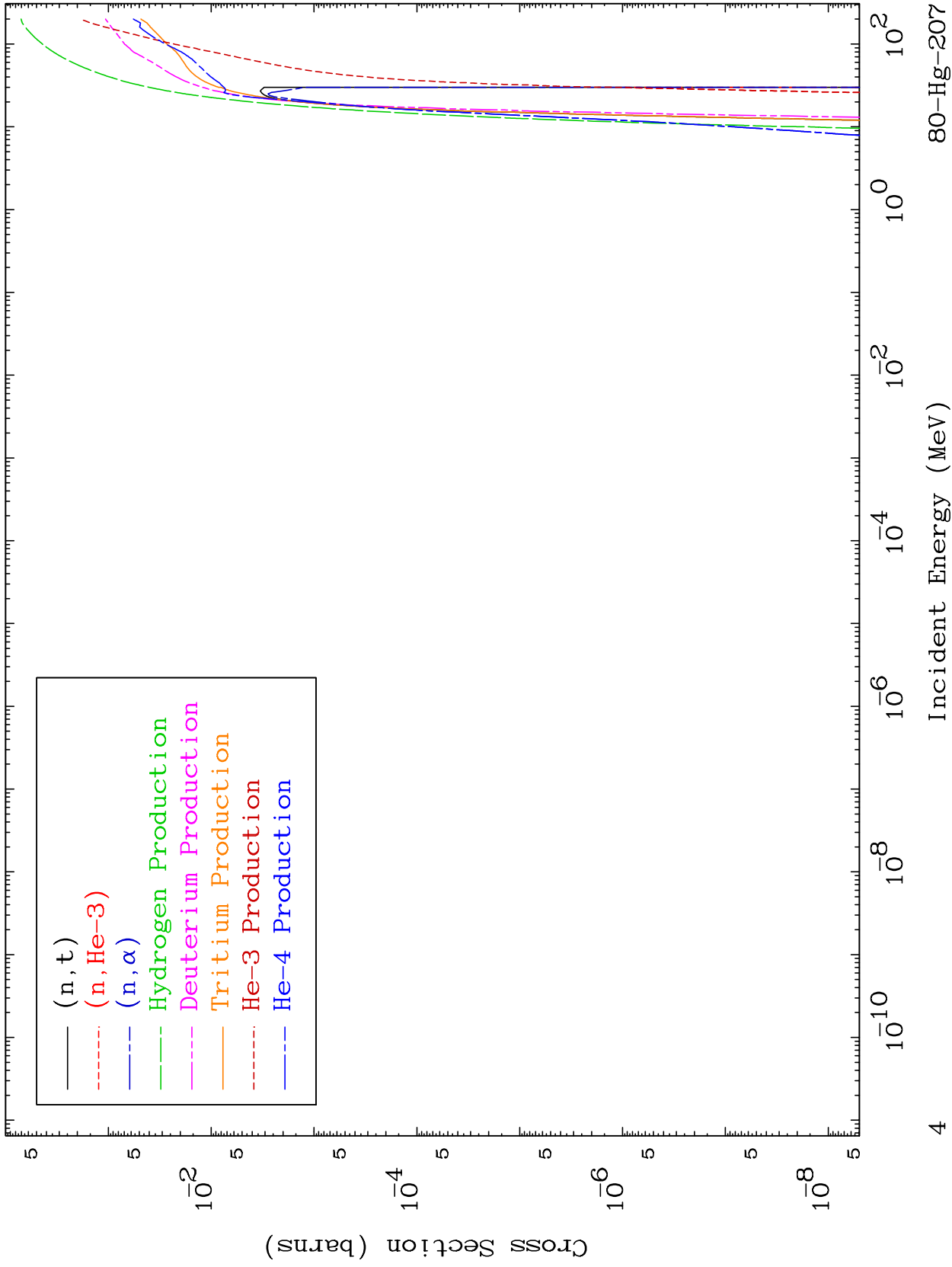
80-Hg-207



MAT 8058

Neutron Absorption  
293 Kelvin Cross Sections

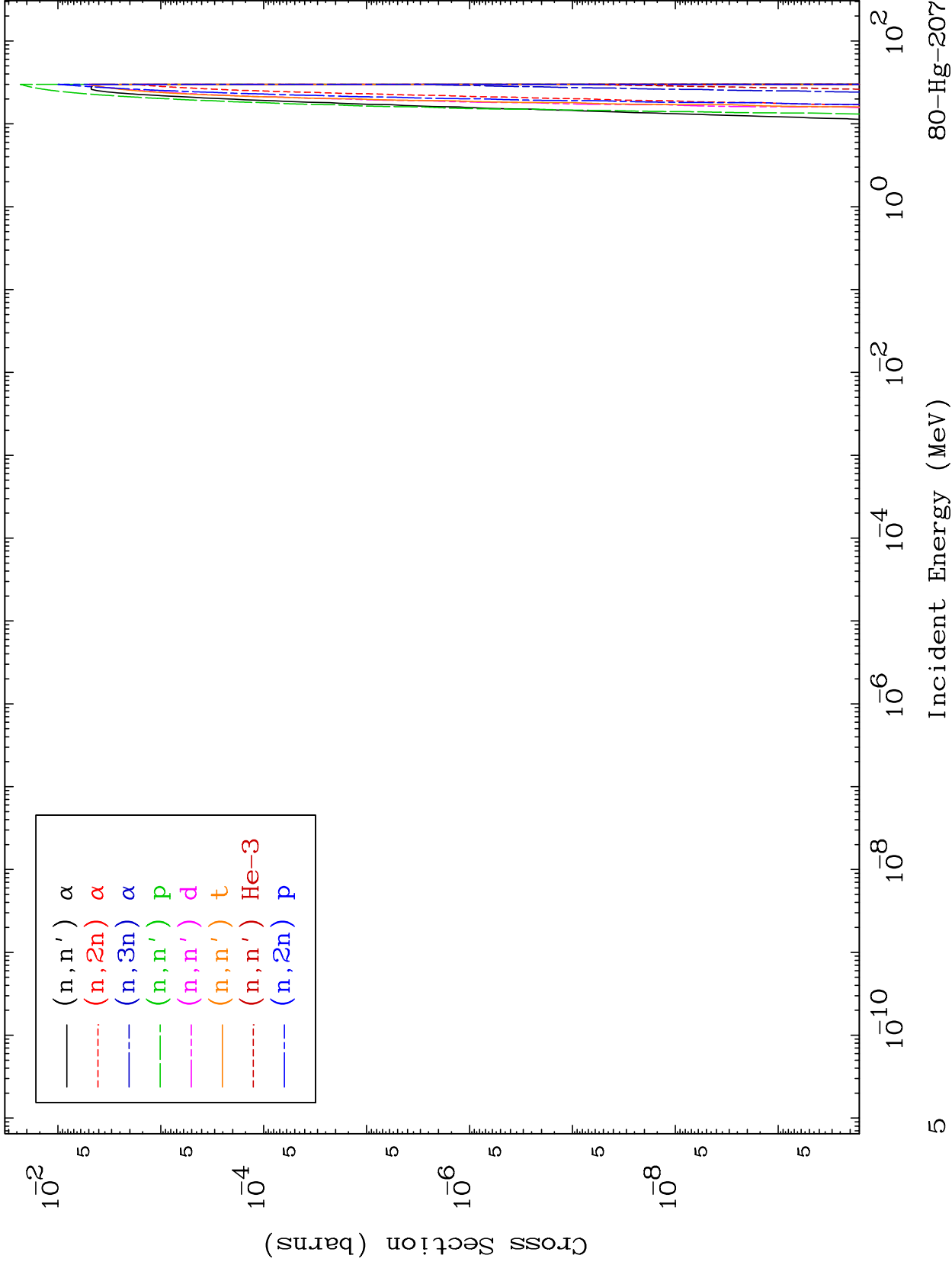
80-Hg-207



MAT 8058

Charged Particle  
293 Kelvin Cross Sections

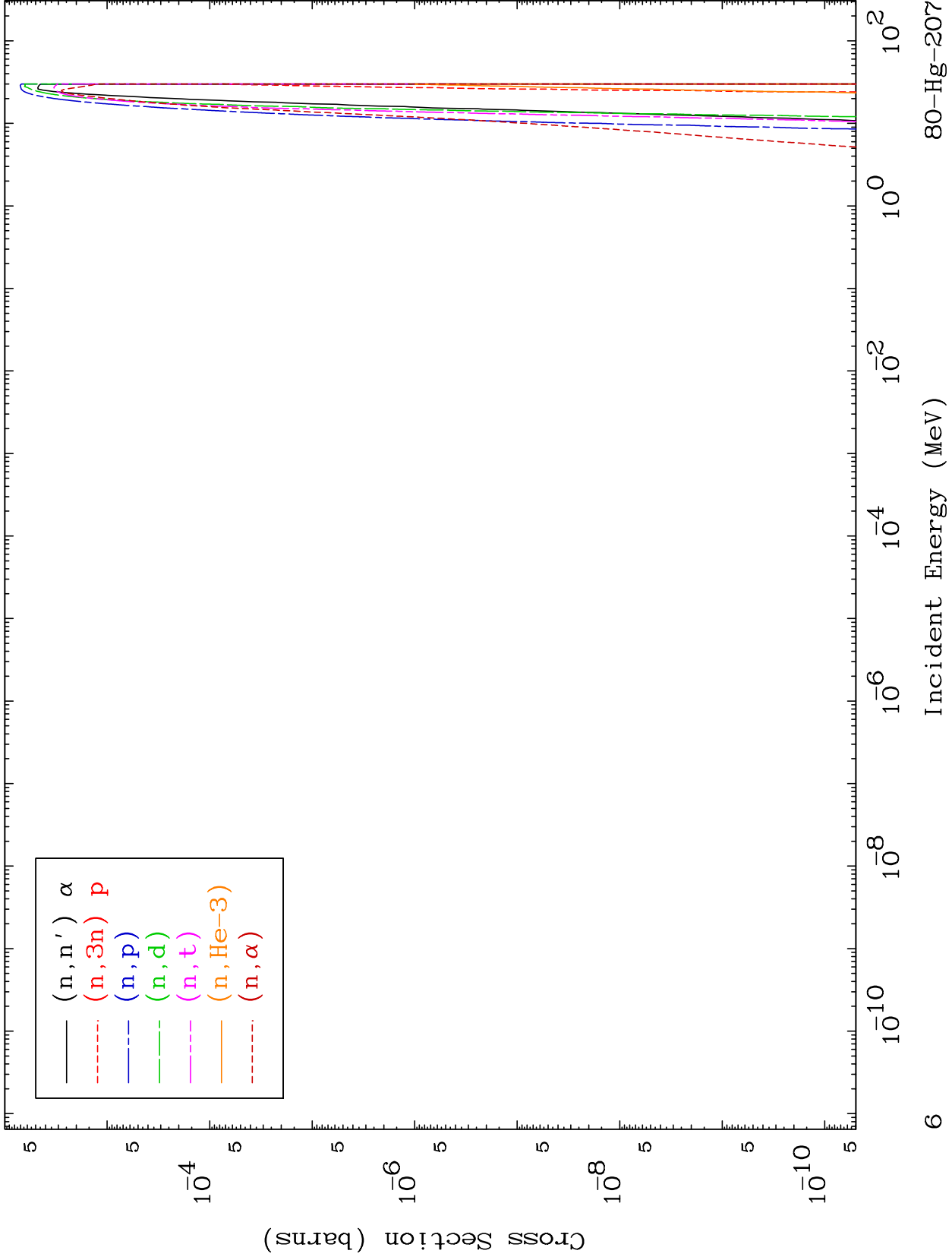
80-Hg-207



MAT 8058

Charged Particle  
293 Kelvin Cross Sections

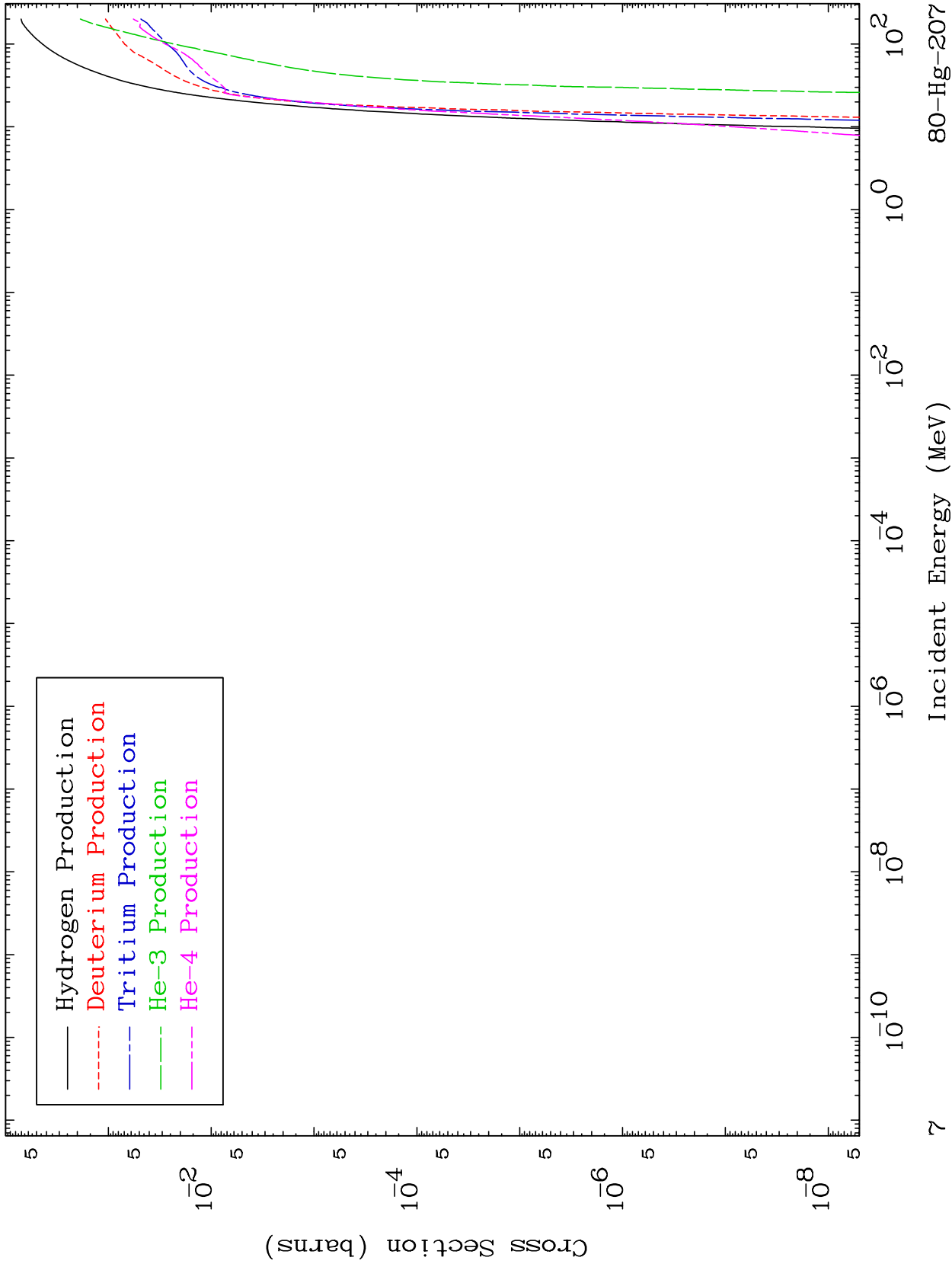
80-Hg-207



MAT 8058

Particle Production  
293 Kelvin Cross Sections

80-Hg-207

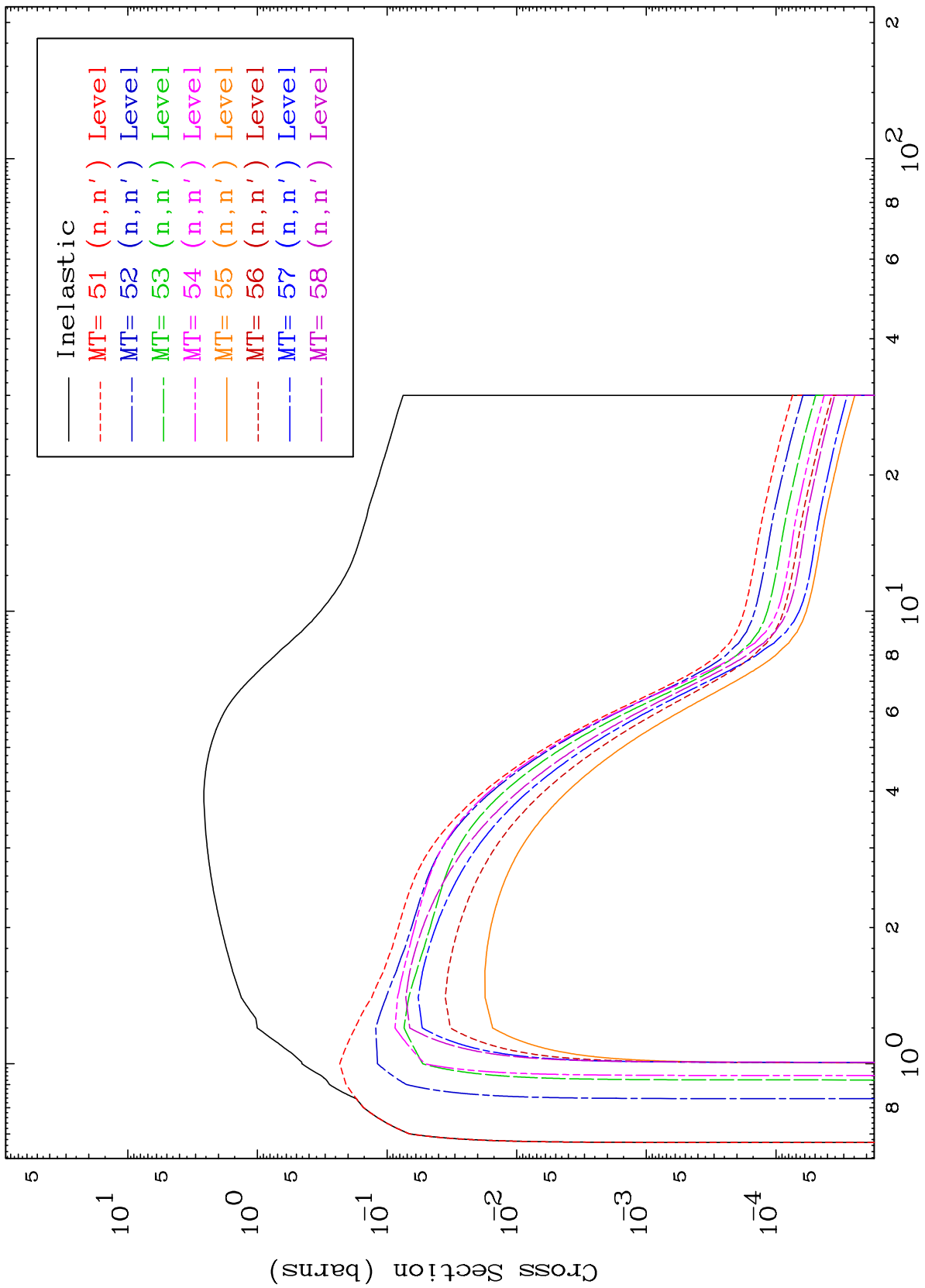




MAT 8058

(n,n') Levels  
293 Kelvin Cross Sections

80-Hg-207



8

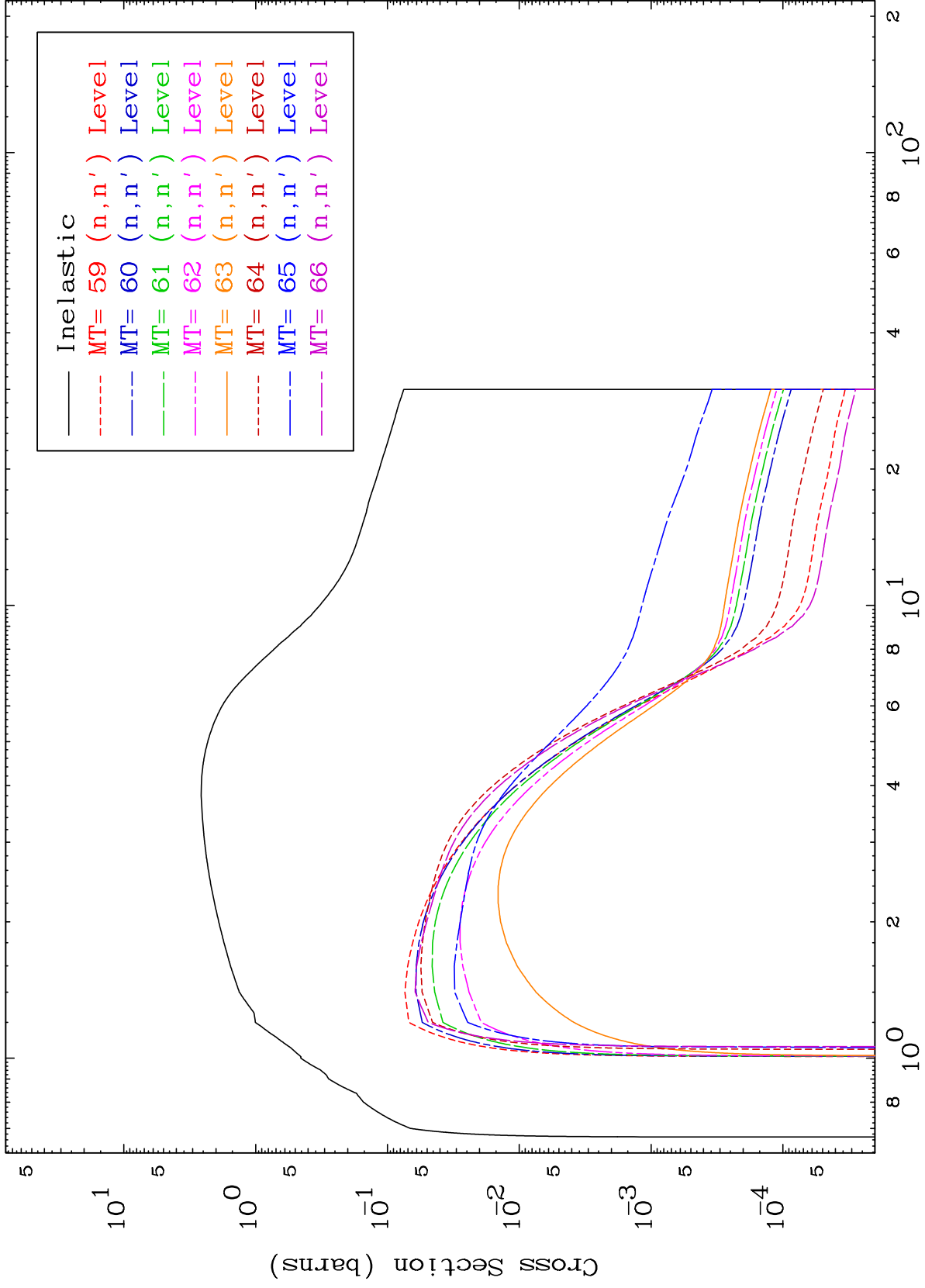
Incident Energy (MeV)

80-Hg-207

MAT 8058

(n,n') Levels  
293 Kelvin Cross Sections

80-Hg-207



9

Incident Energy (MeV)

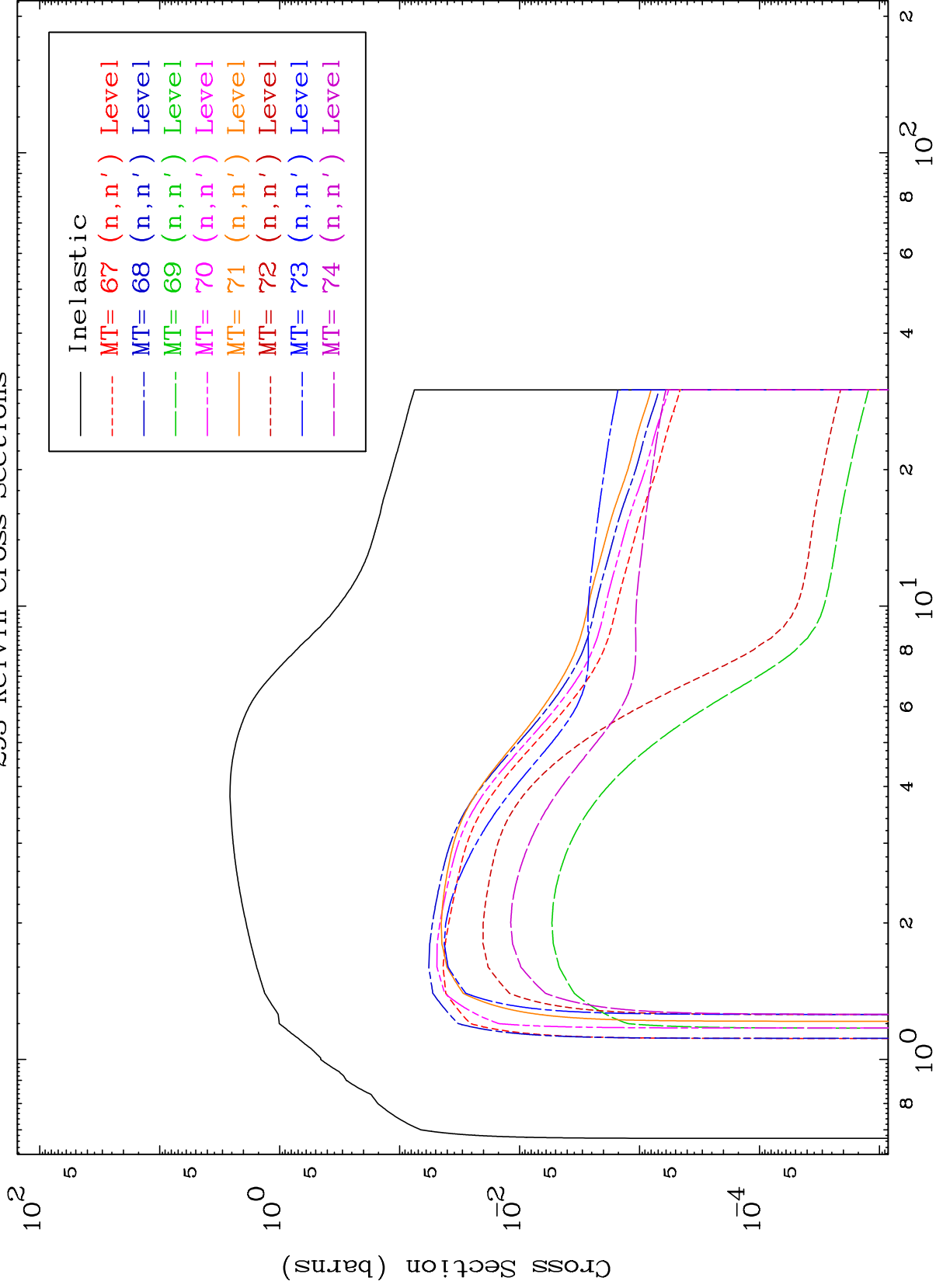
80-Hg-207

MAT 8058

(n,n') Levels

80-Hg-207

293 Kelvin Cross Sections



10

Incident Energy (MeV)

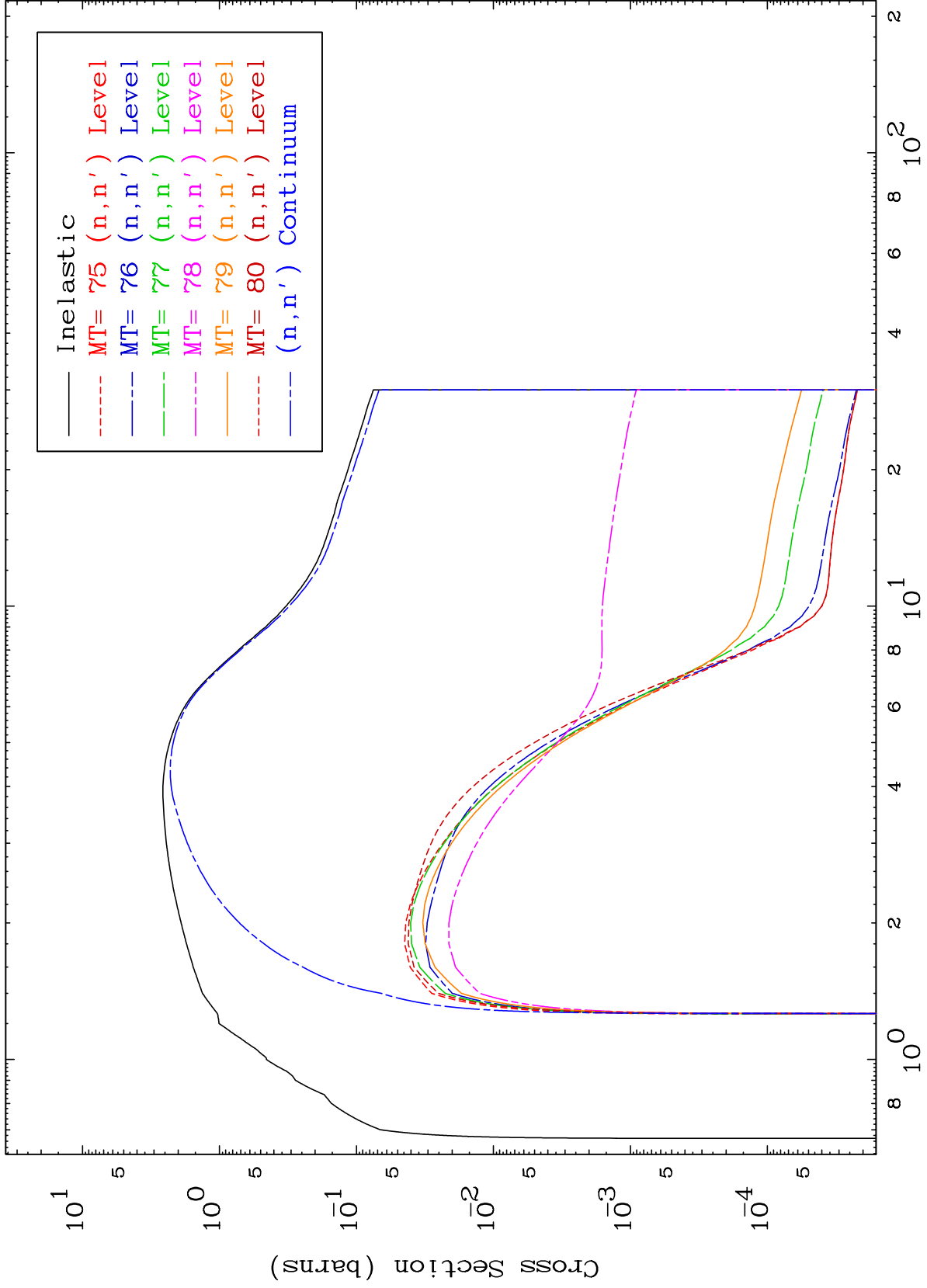
80-Hg-207

MAT 8058

(n,n') Levels

80-Hg-207

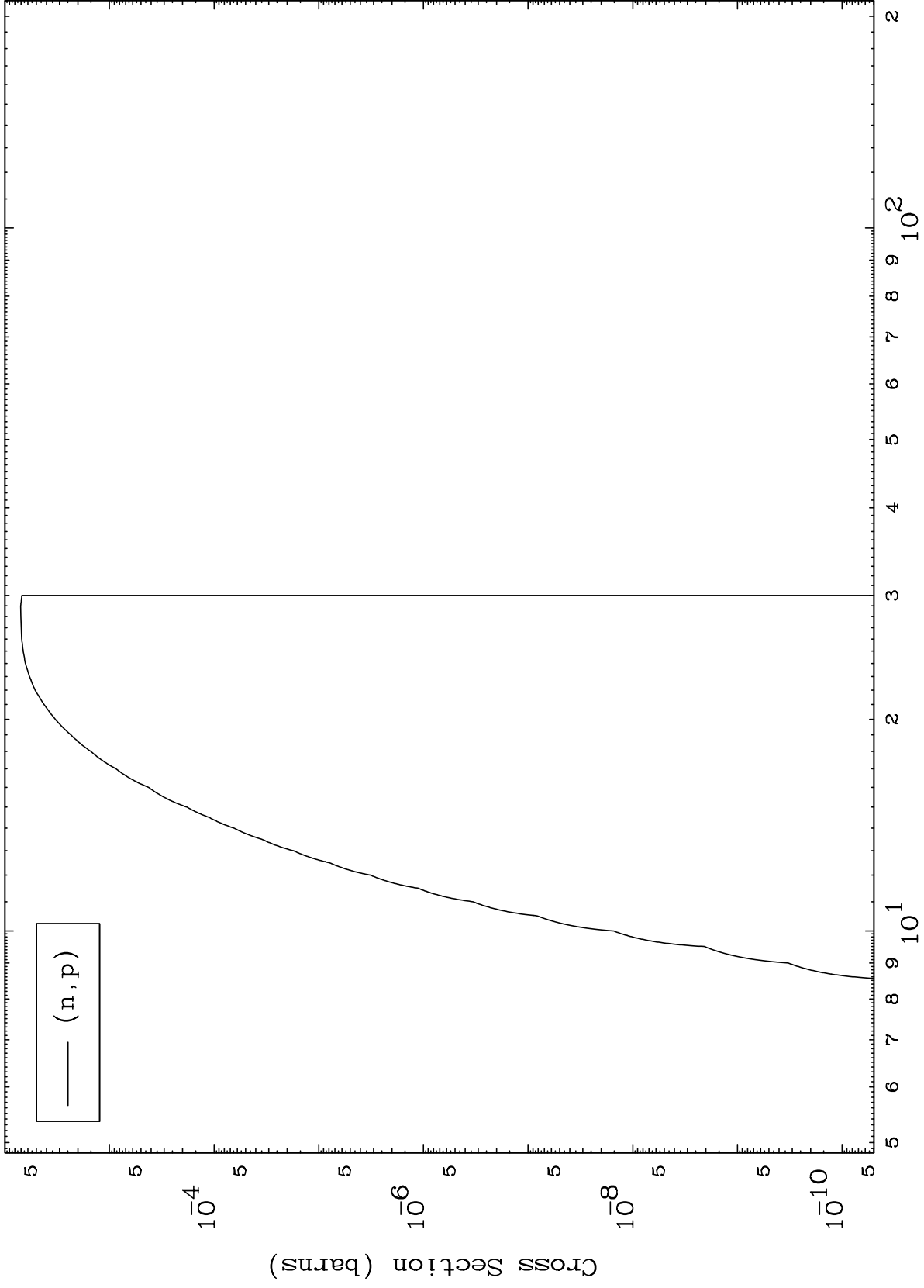
293 Kelvin Cross Sections



MAT 8058

(n,p) Levels  
293 Kelvin Cross Sections

80-Hg-207



12

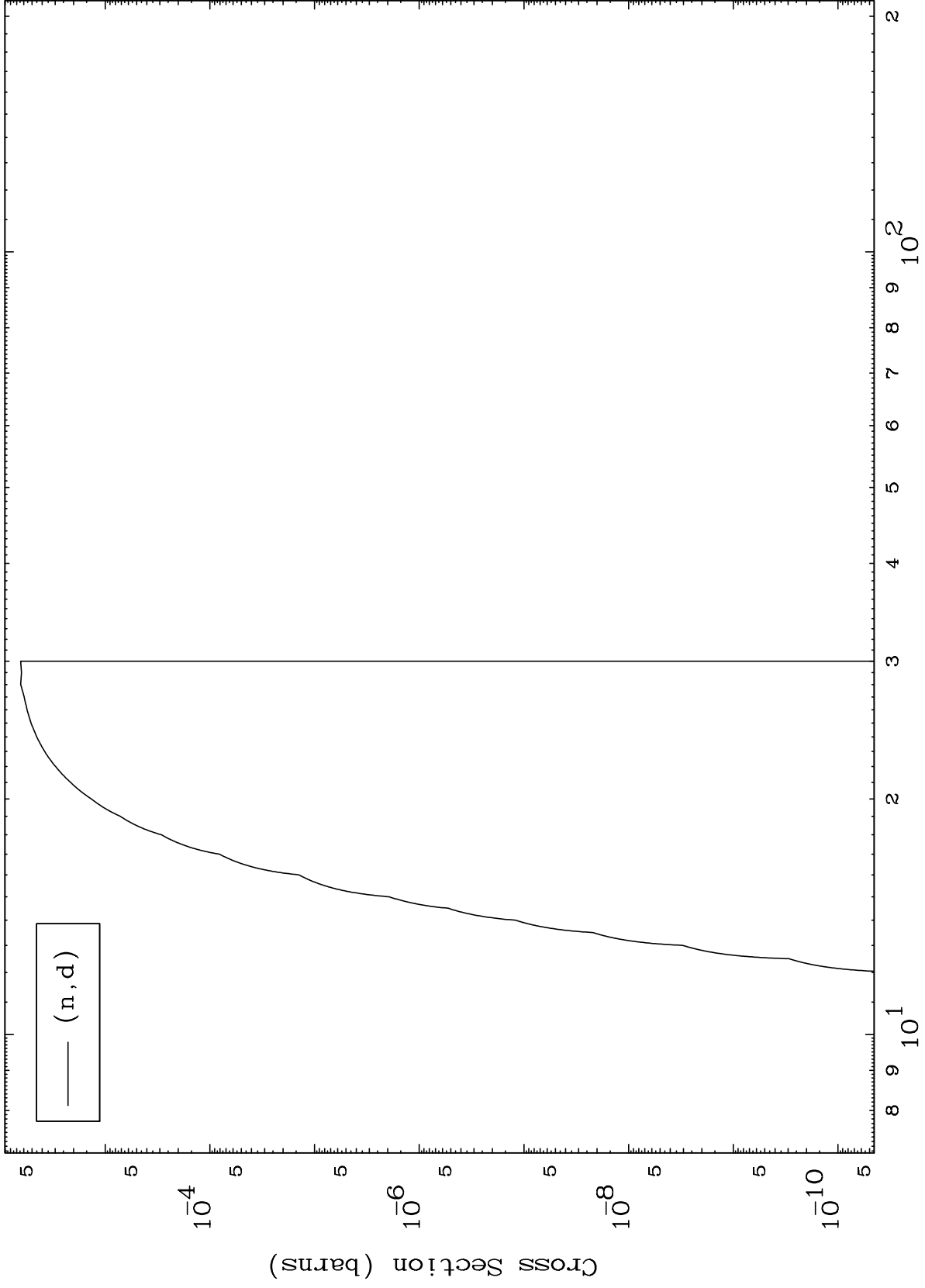
Incident Energy (MeV)

80-Hg-207

MAT 8058

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-207



13

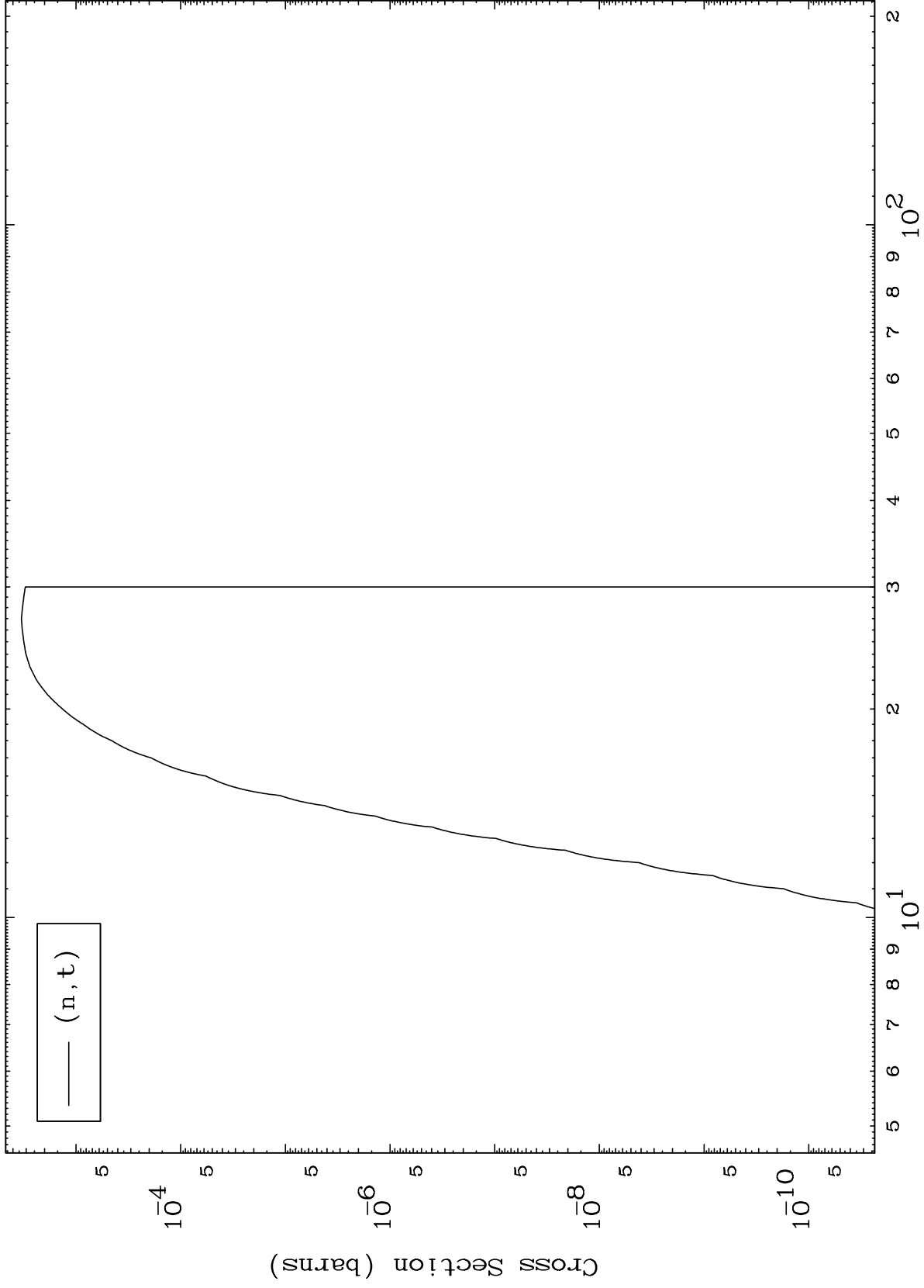
Incident Energy (MeV)

80-Hg-207

MAT 8058

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-207



14

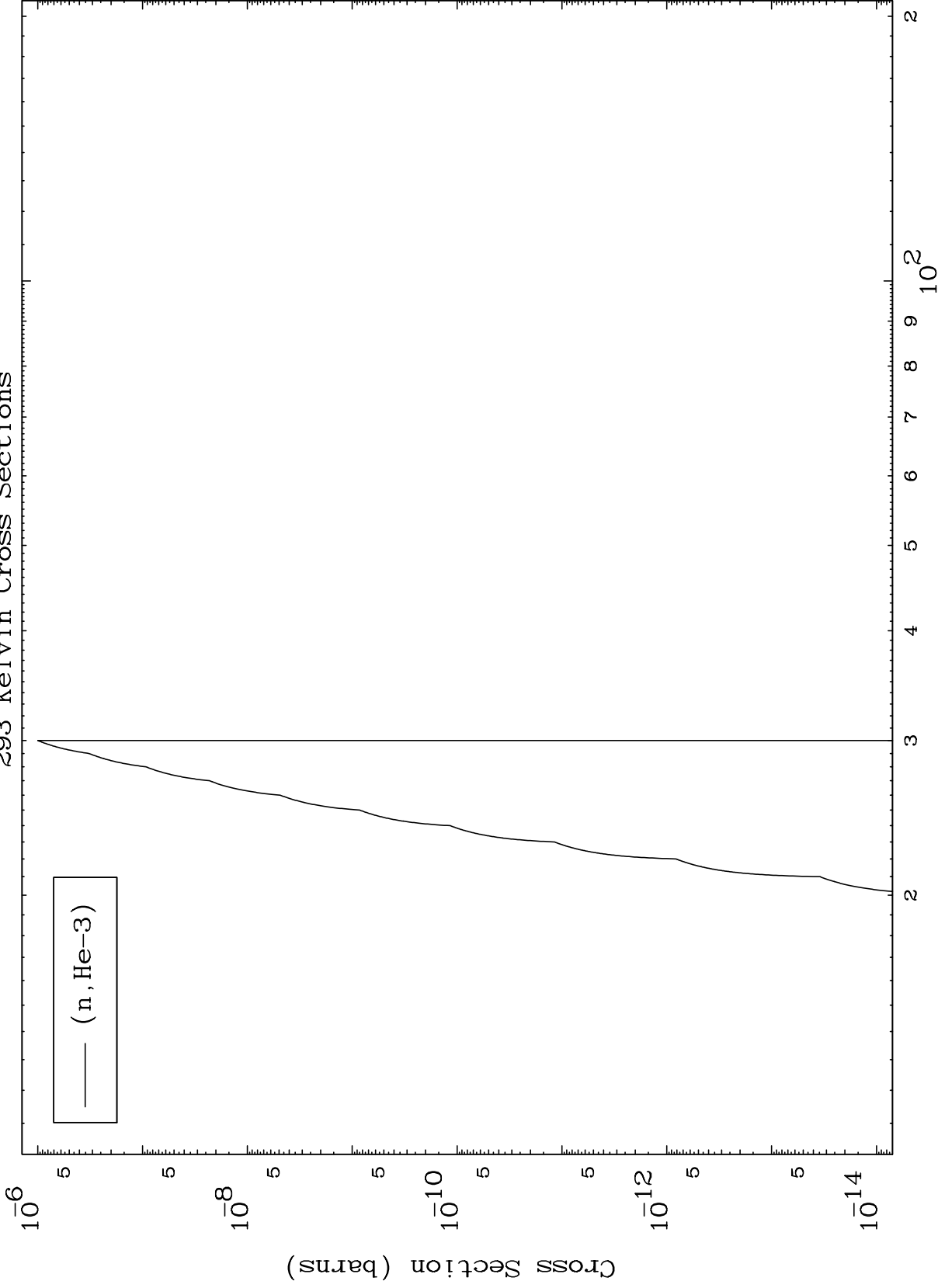
Incident Energy (MeV)

80-Hg-207

MAT 8058

80-Hg-207

(n,He3) Levels  
293 Kelvin Cross Sections



15

Incident Energy (MeV)

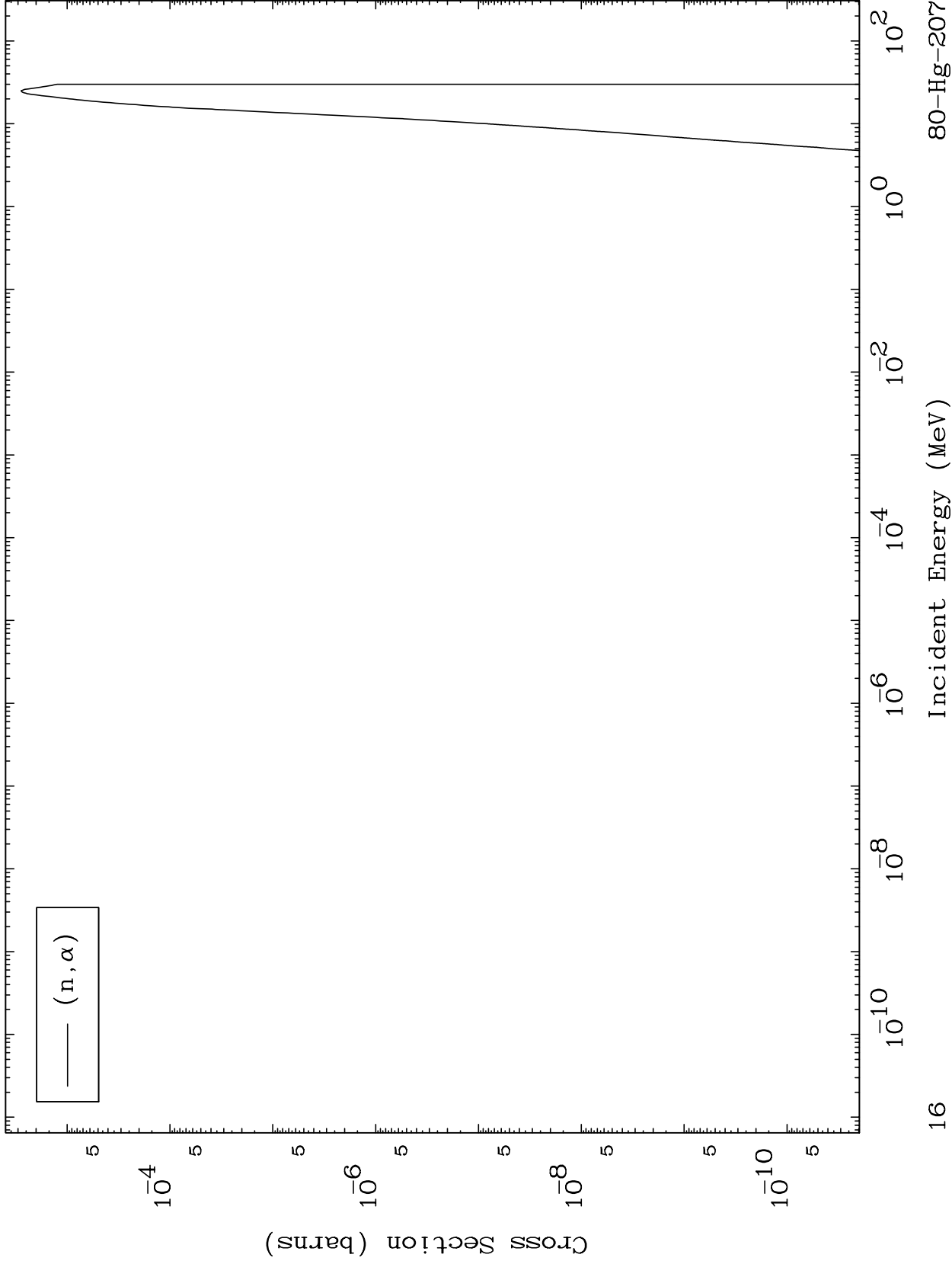
80-Hg-207



MAT 8058

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

80-Hg-207

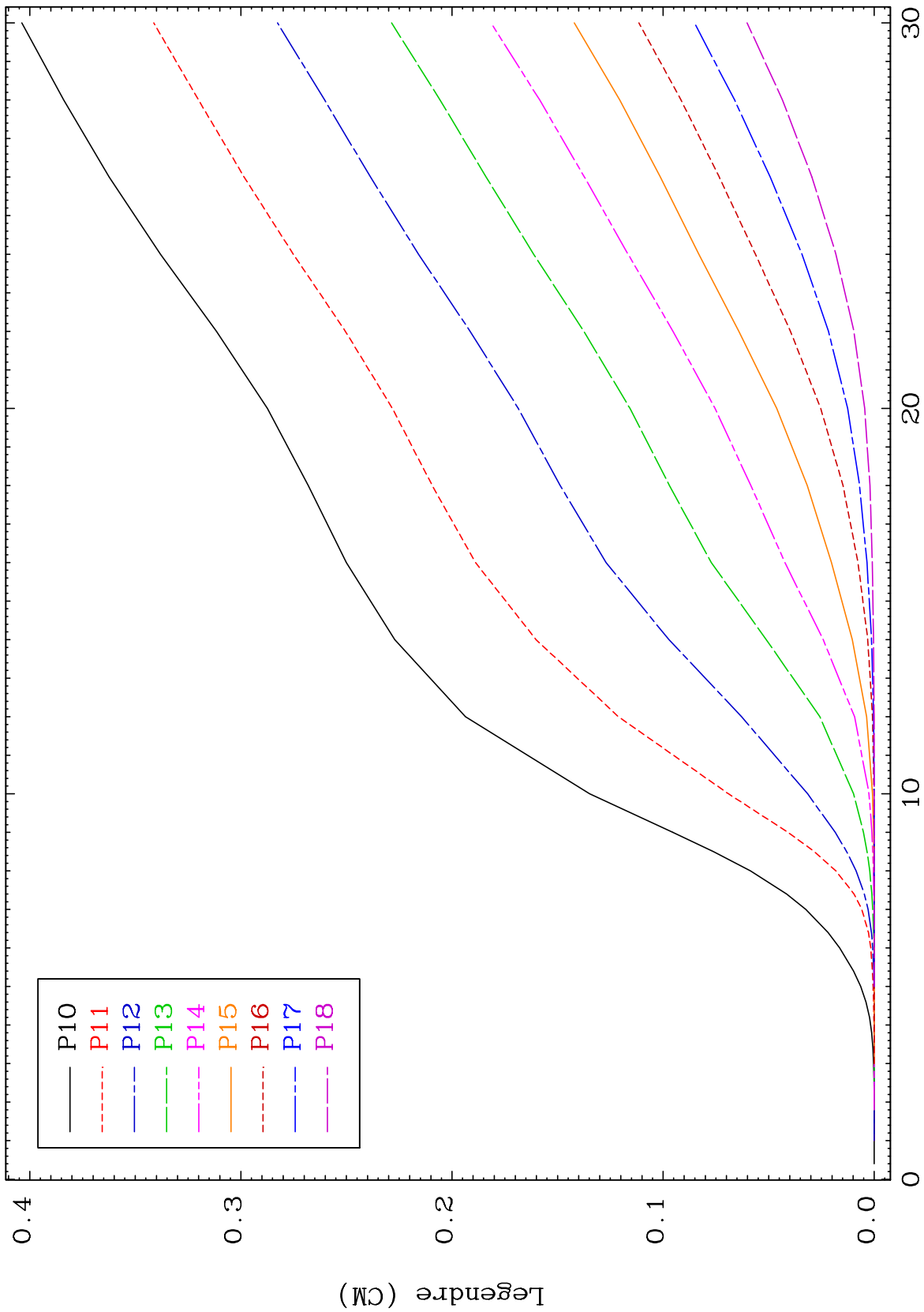




MAT 8058

Elastic Legendre Coefficients

80-Hg-207



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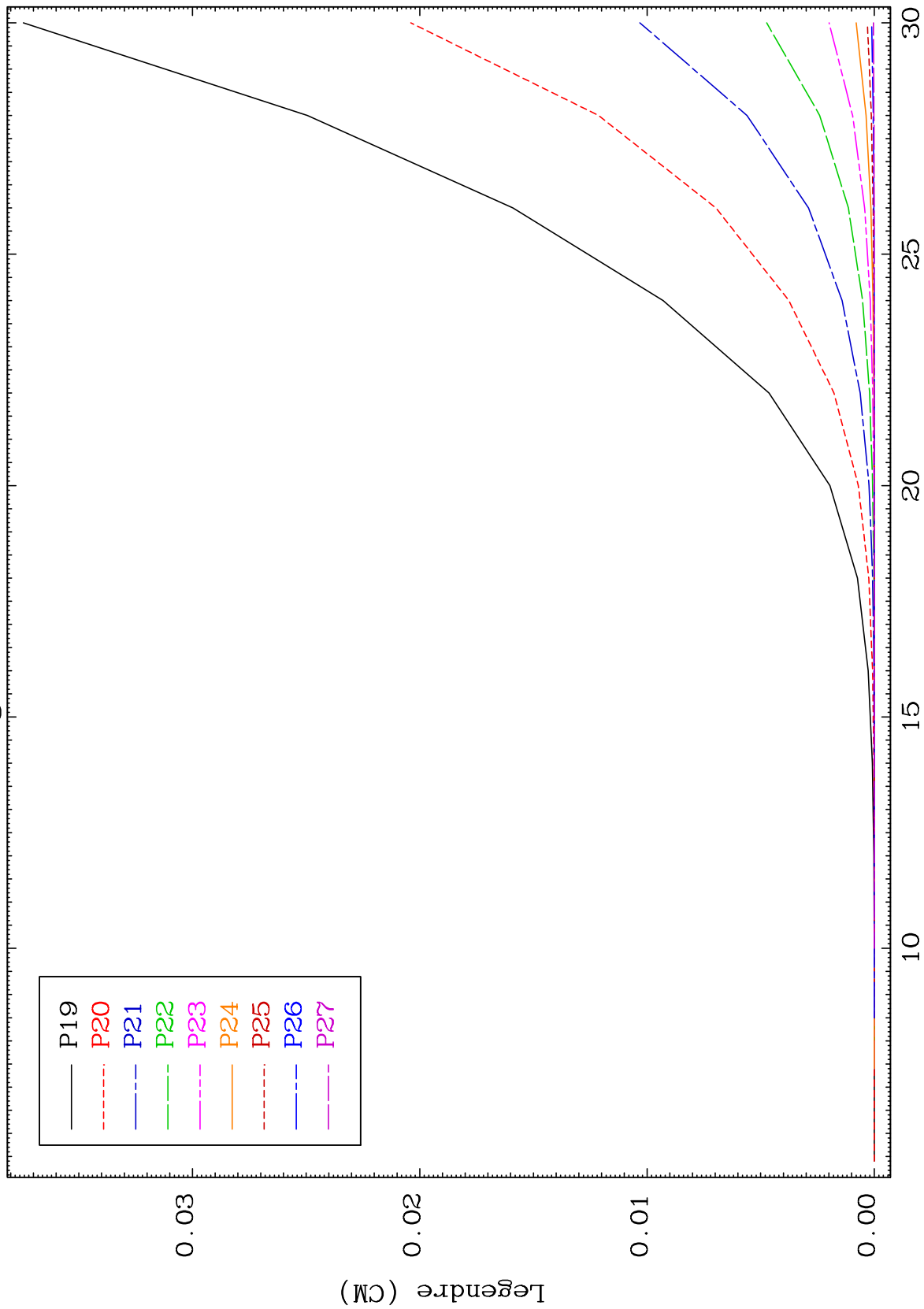
Incident Energy (MeV)

80-Hg-207

MAT 8058

Elastic Legendre Coefficients

80-Hg-207



19

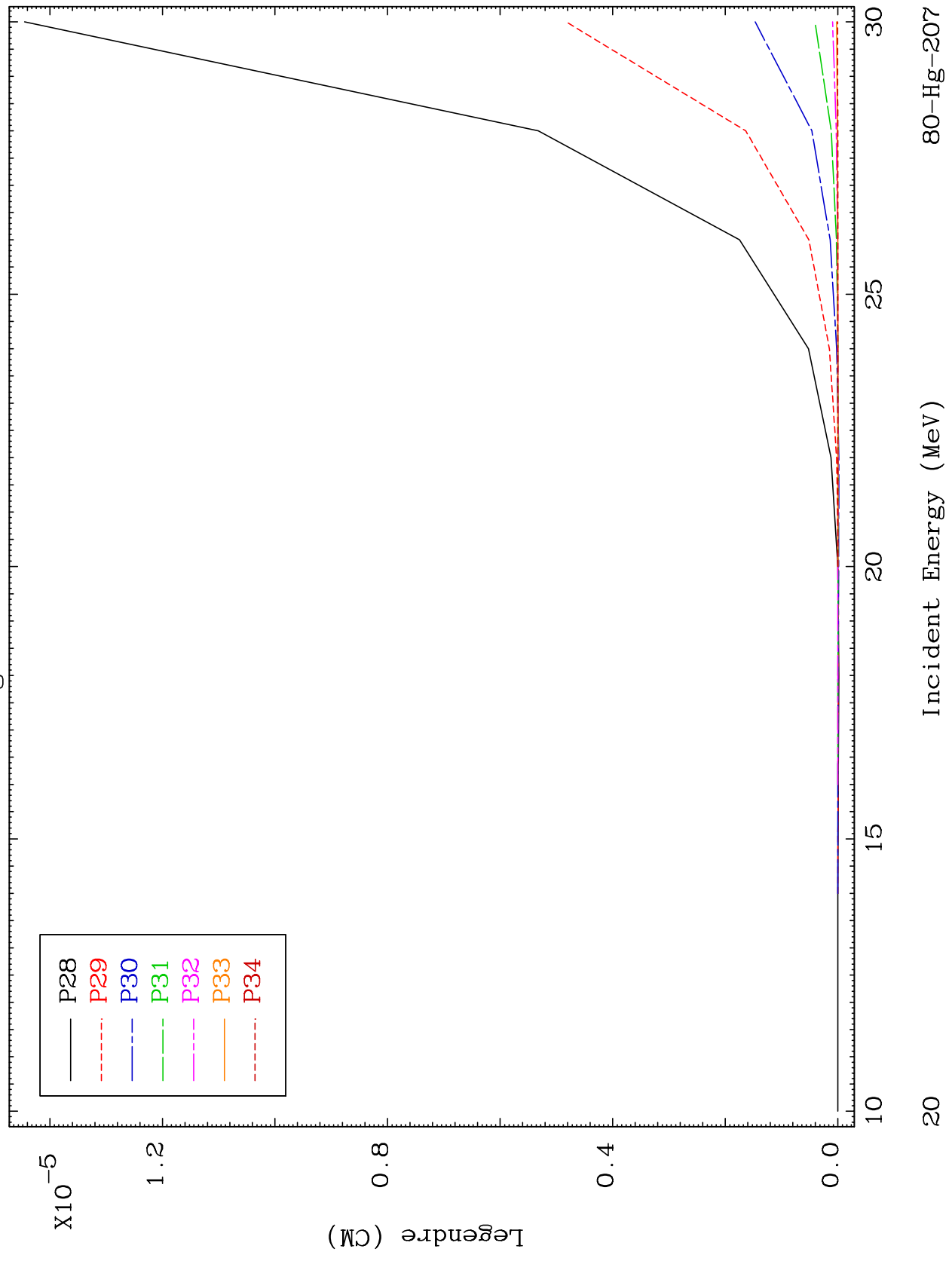
Incident Energy (MeV)

80-Hg-207

MAT 8058

Elastic Legendre Coefficients

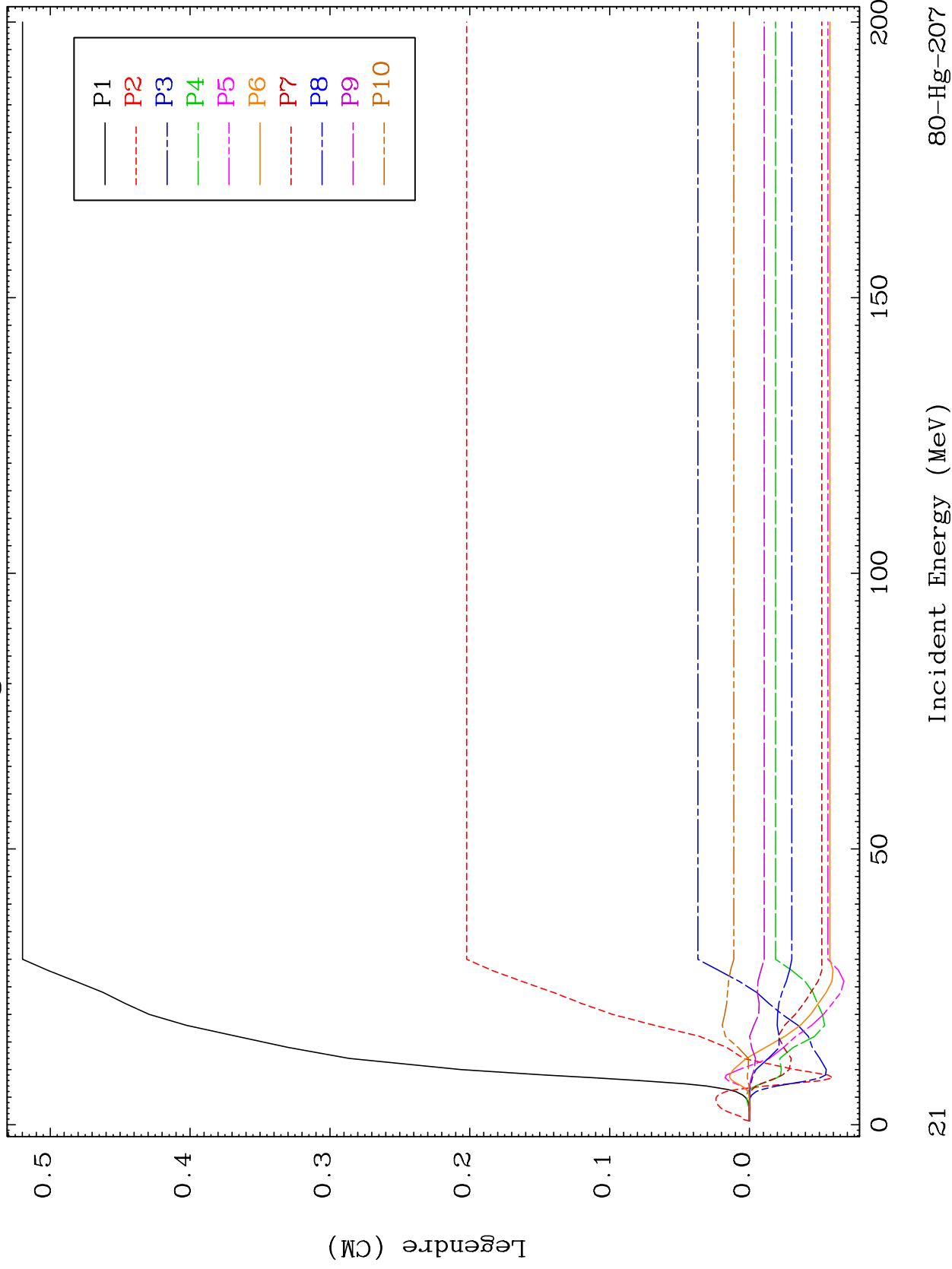
80-Hg-207



MAT 8058

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

80-Hg-207



21

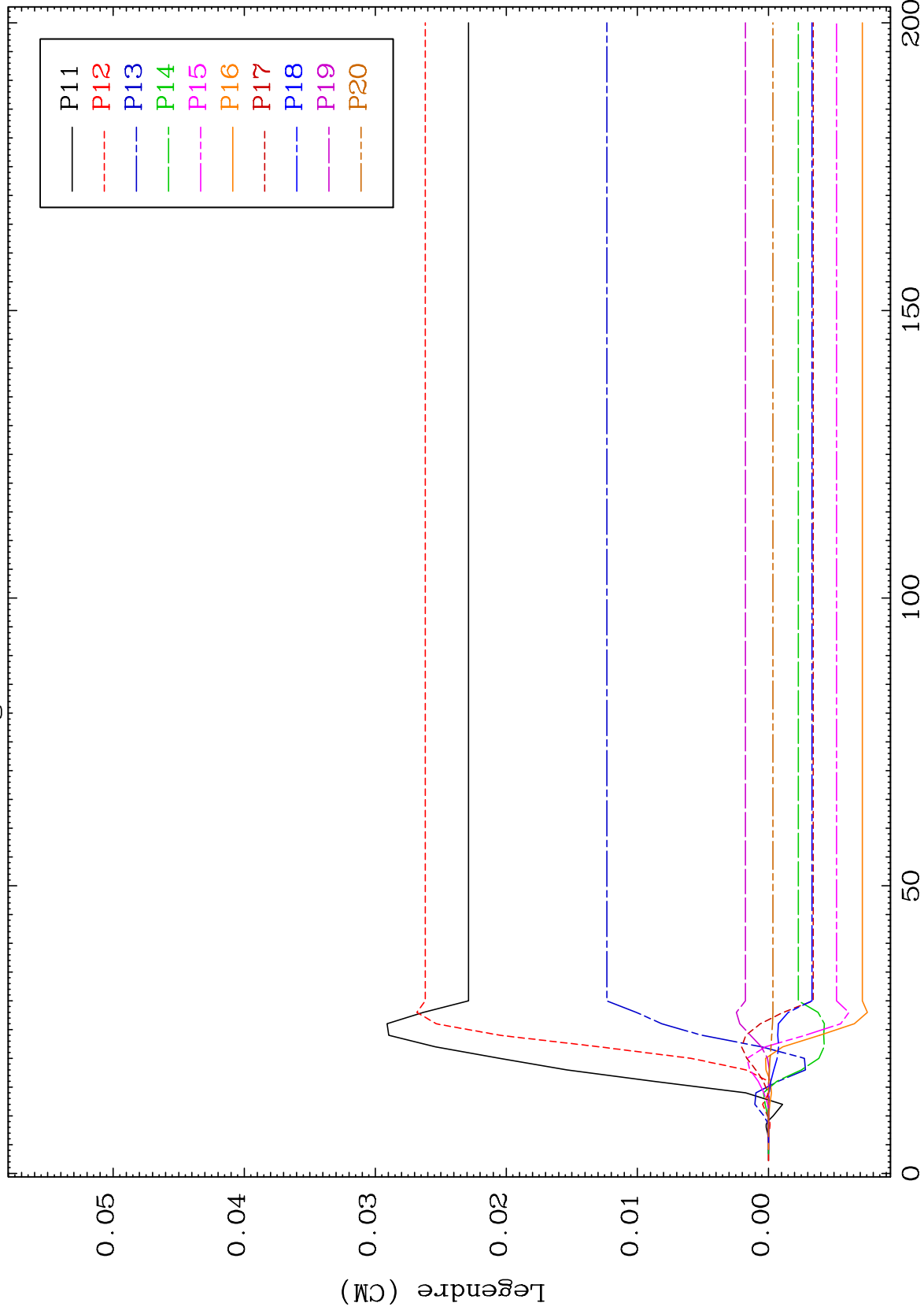
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



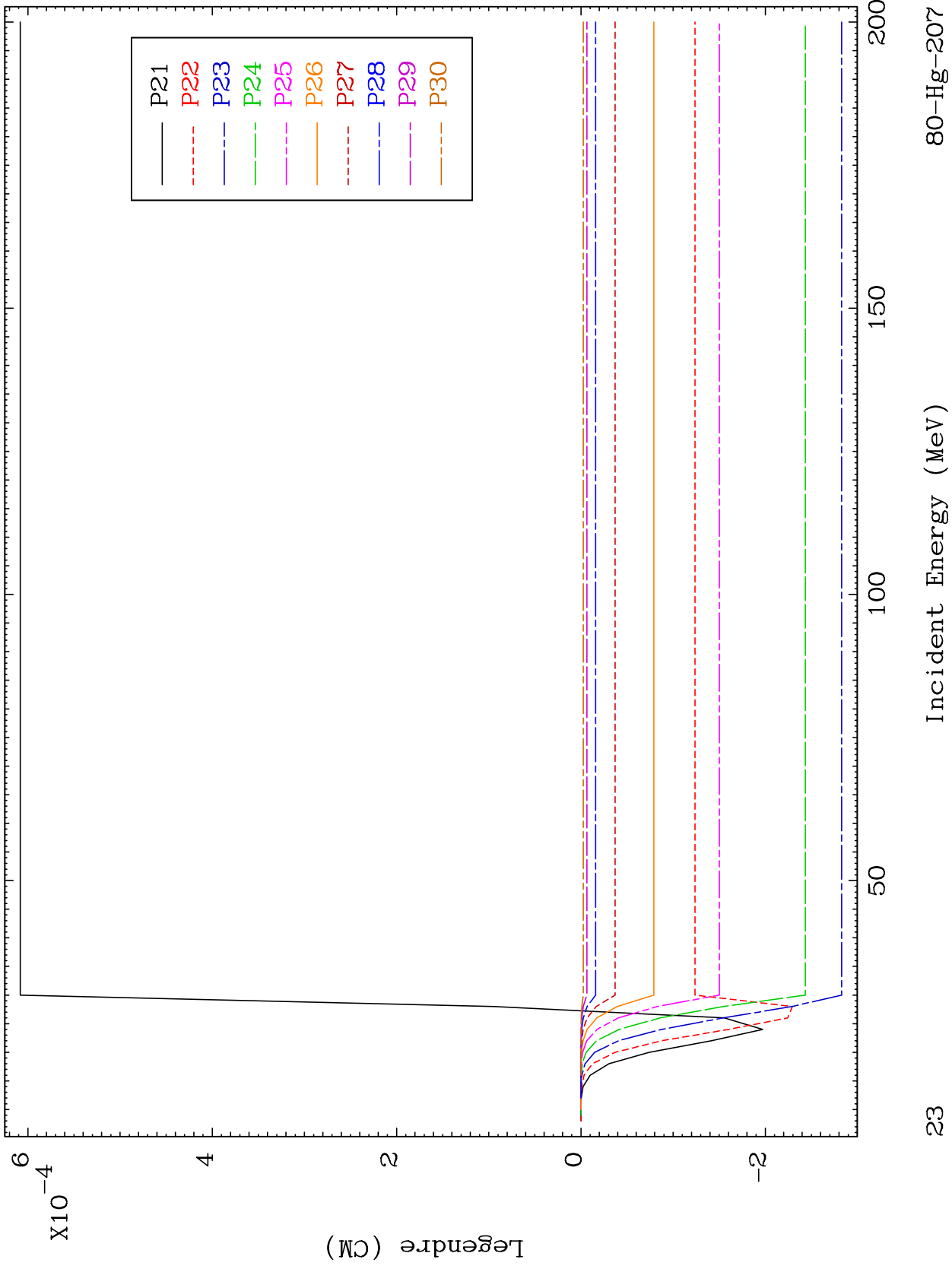
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80-Hg-207

MAT 8058

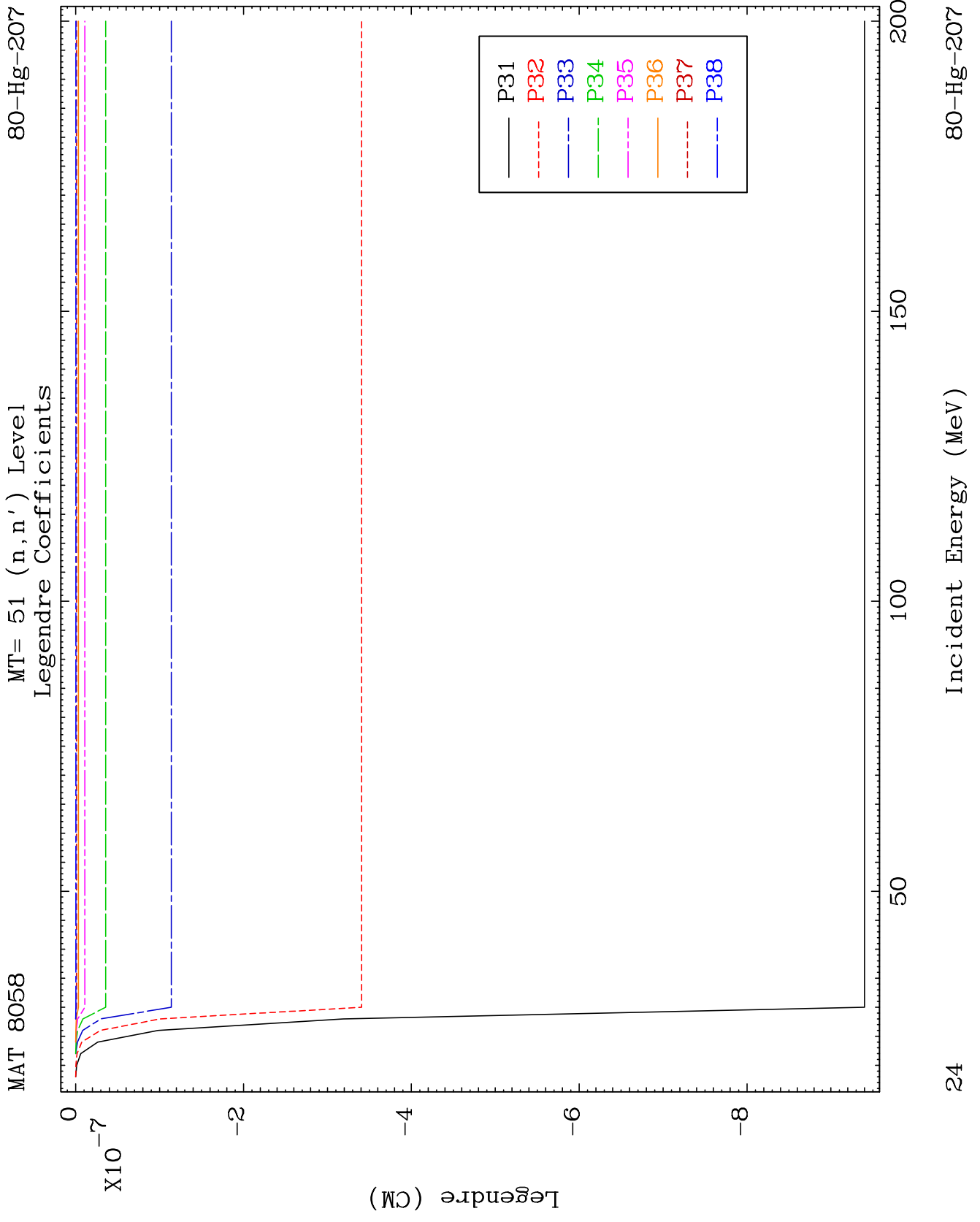
MT= 51 (n,n') Level  
Legendre Coefficients

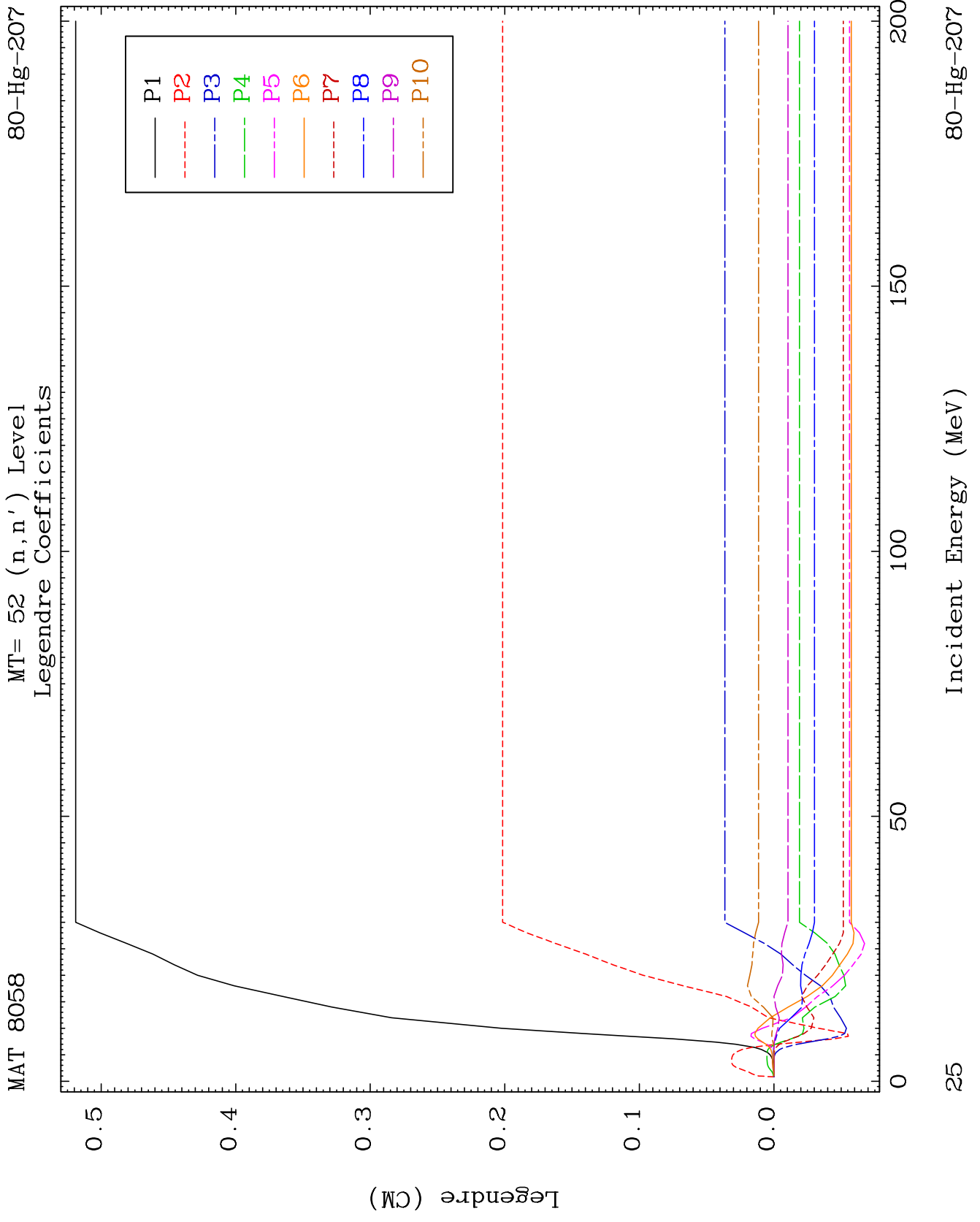
80-Hg-207



23



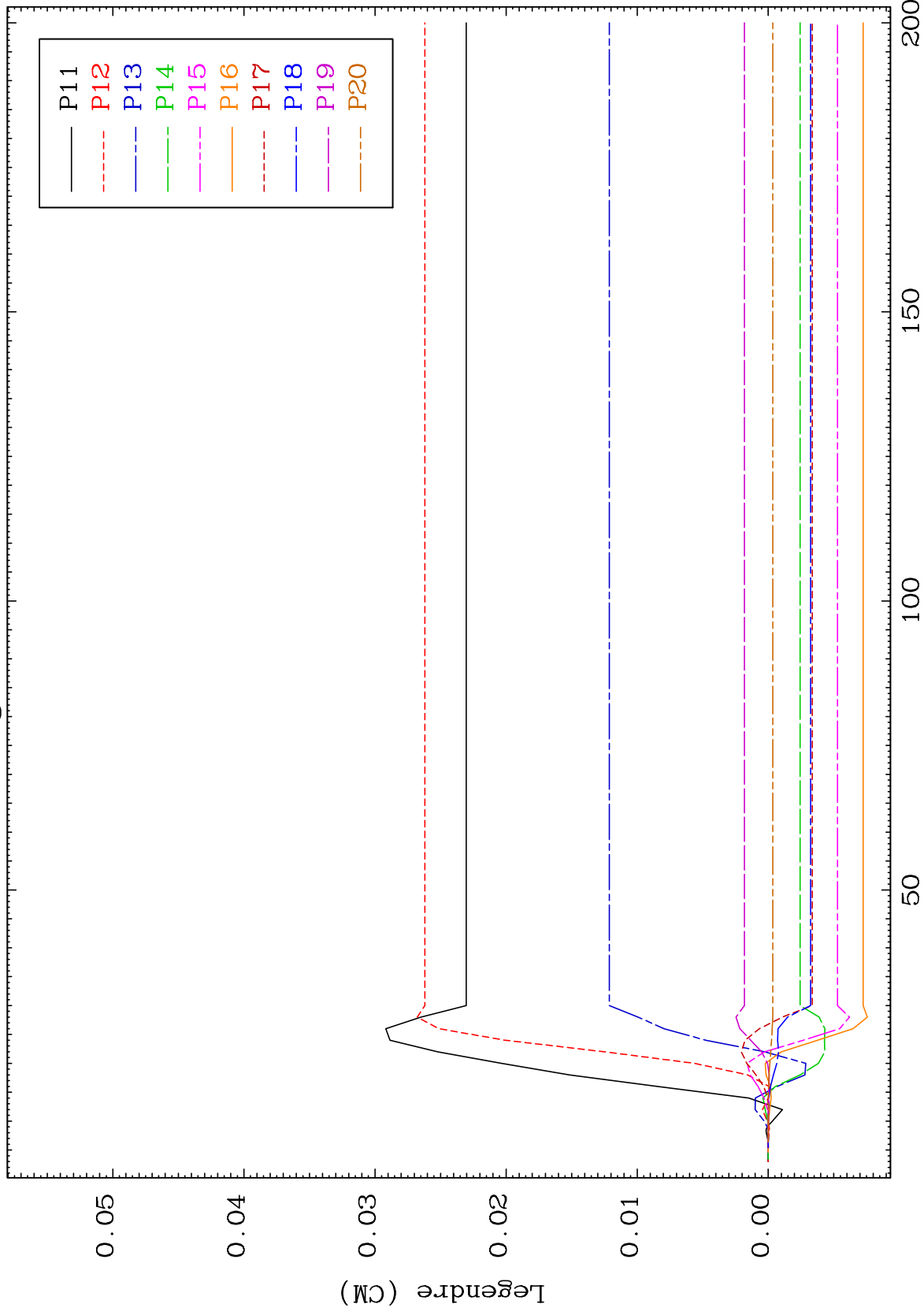




MAT 8058

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

80-Hg-207



26

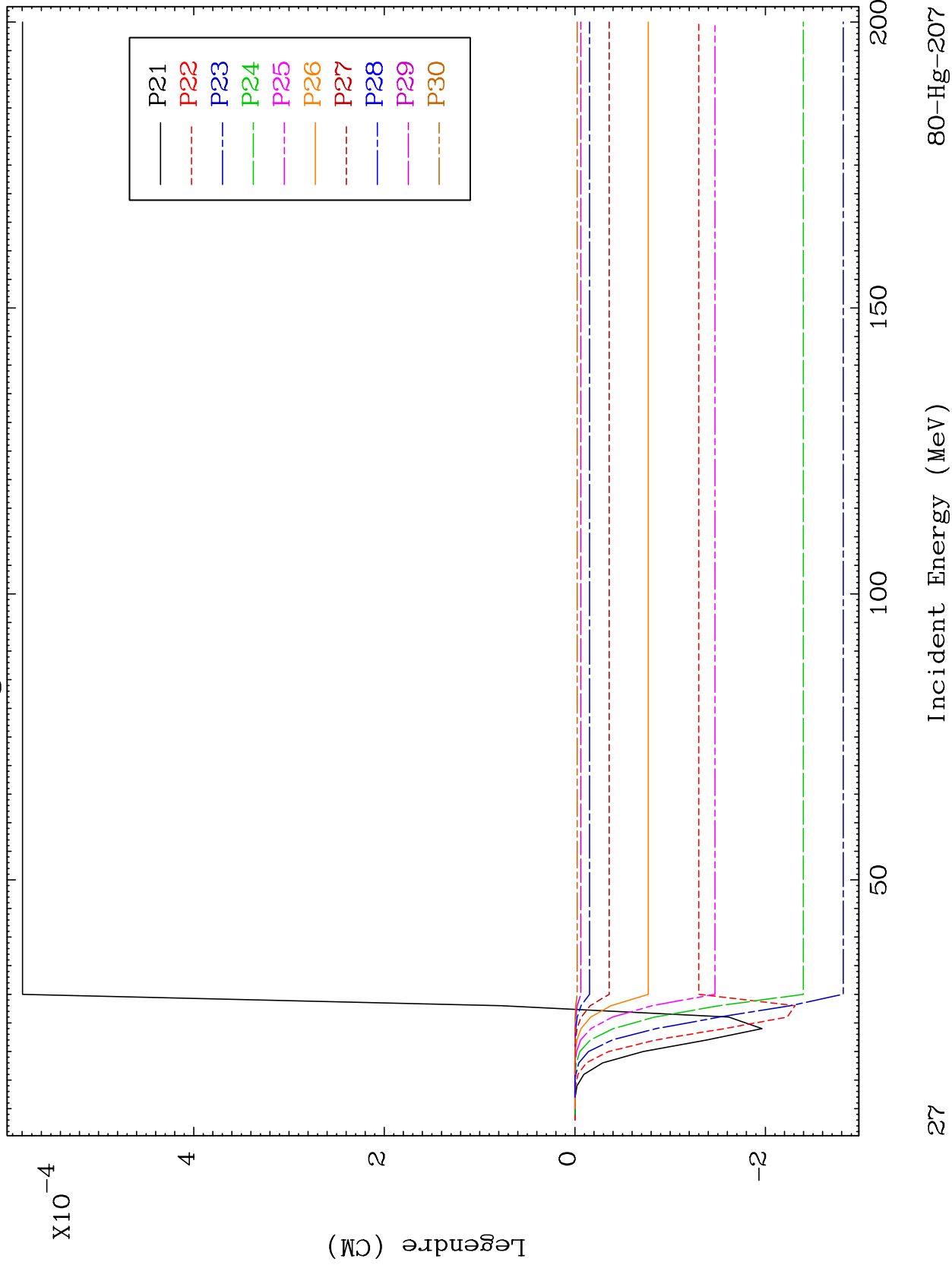
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



27

Incident Energy (MeV)

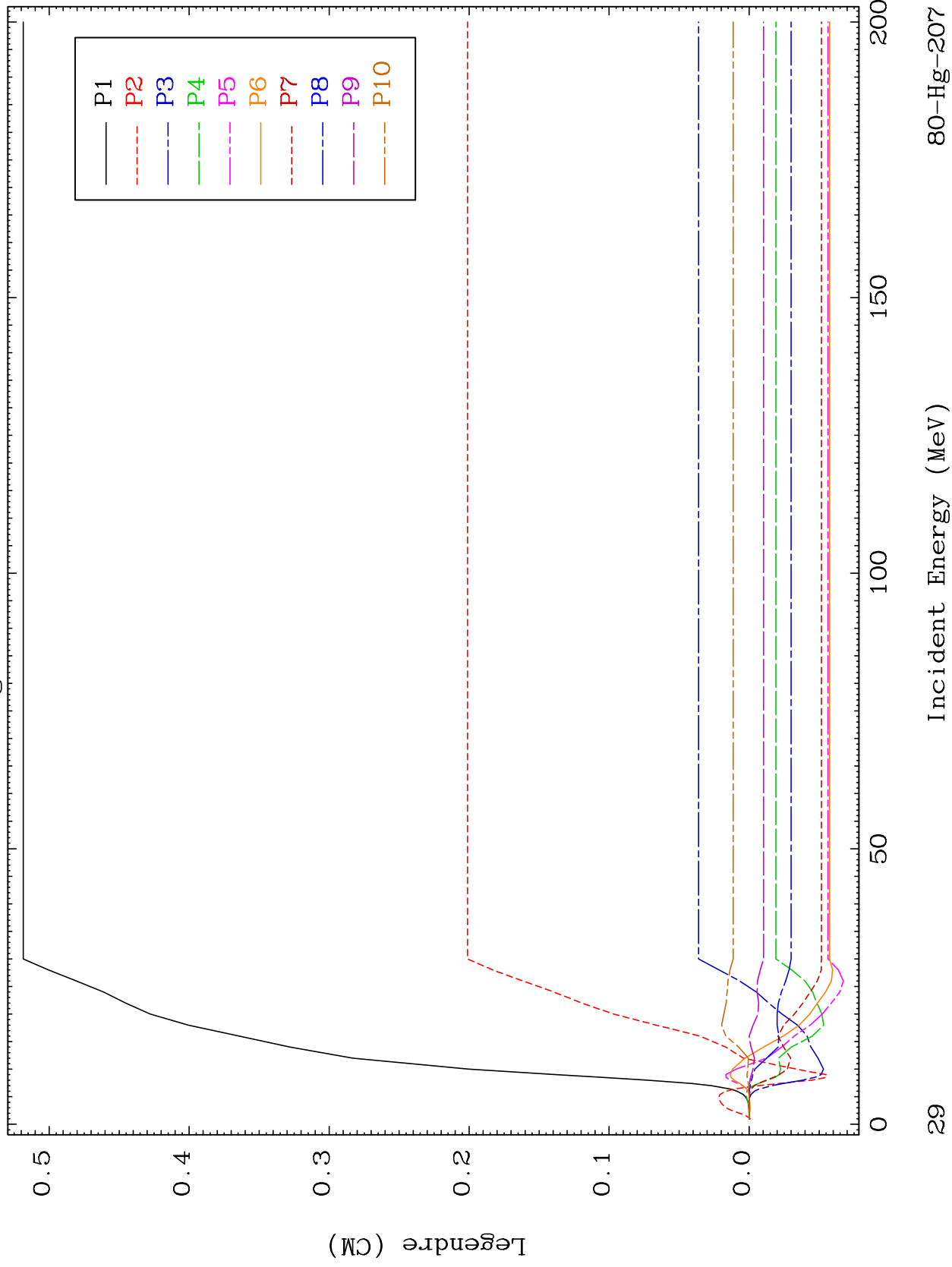
80-Hg-207



MAT 8058

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

80-Hg-207



29

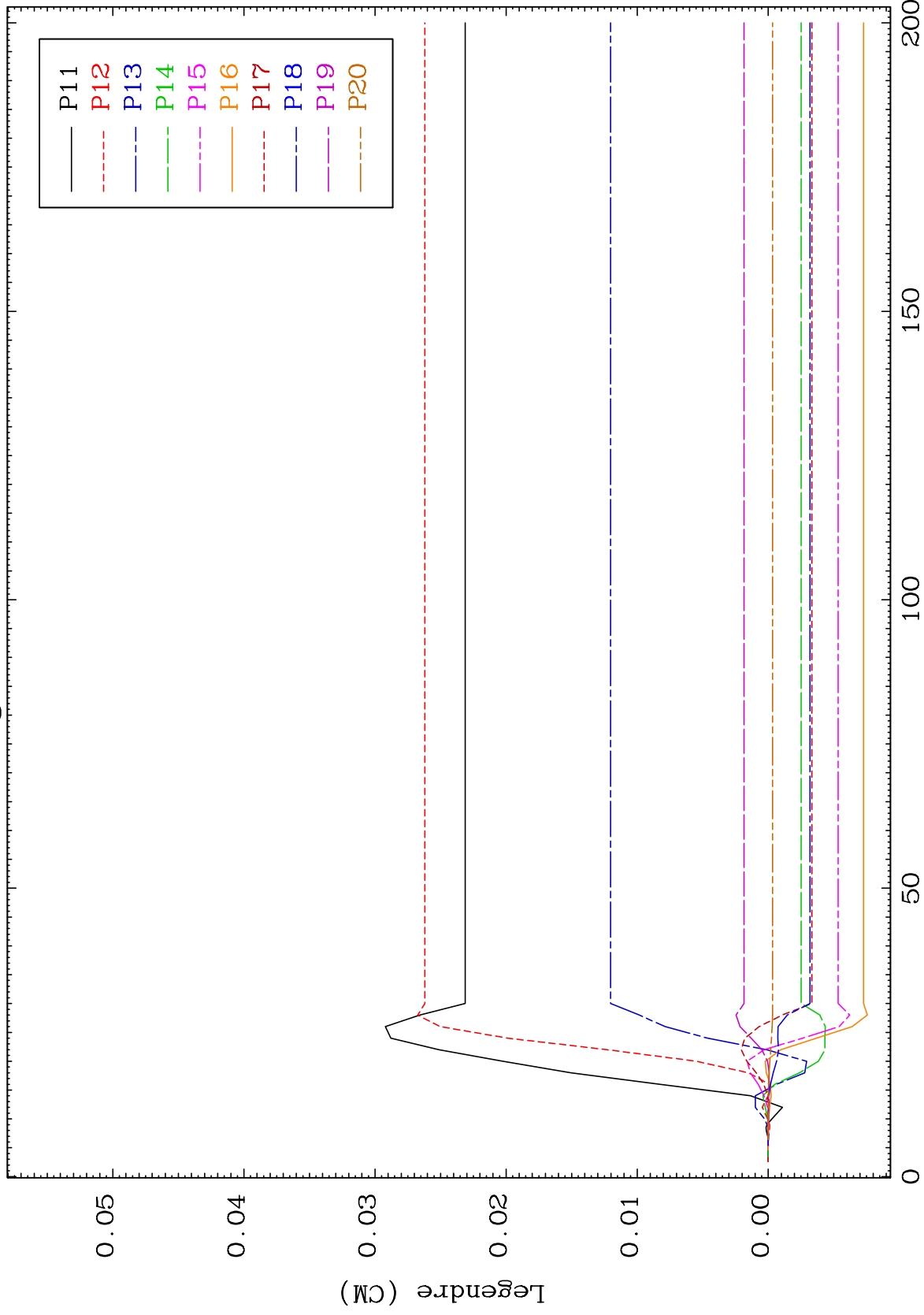
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



80-Hg-207

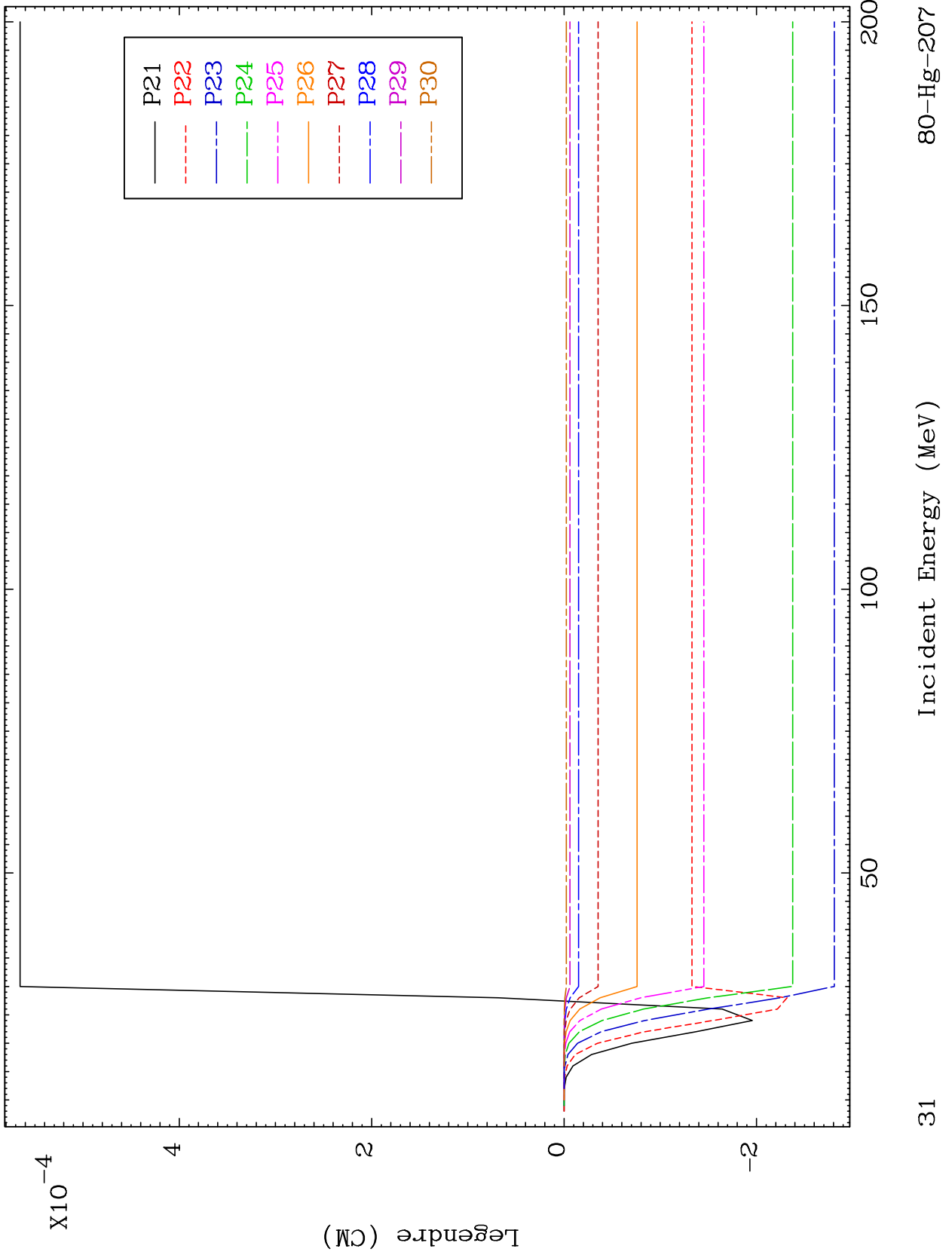
Incident Energy (MeV)

30

MAT 8058

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

80-Hg-207

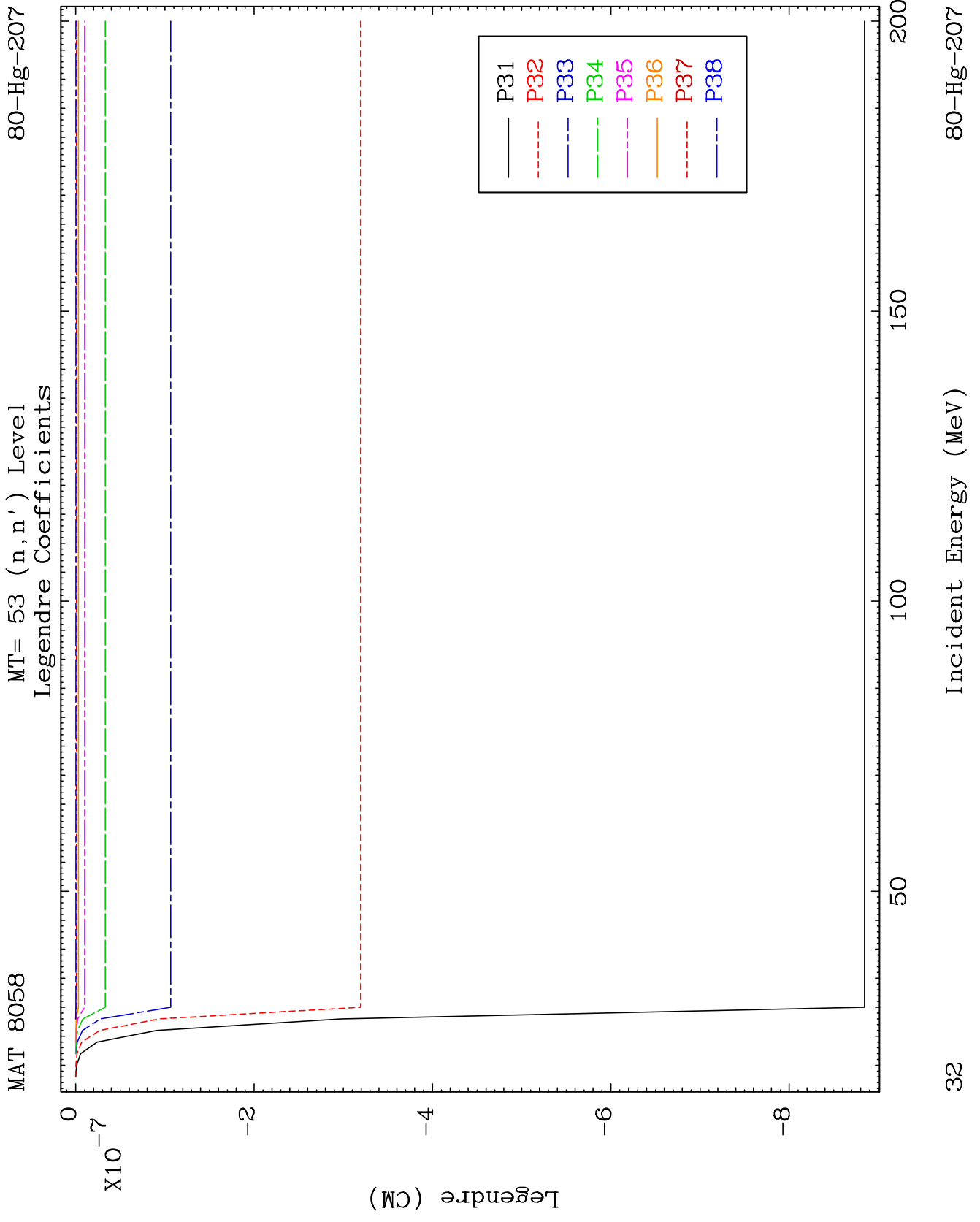


31

Incident Energy (MeV)

80-Hg-207

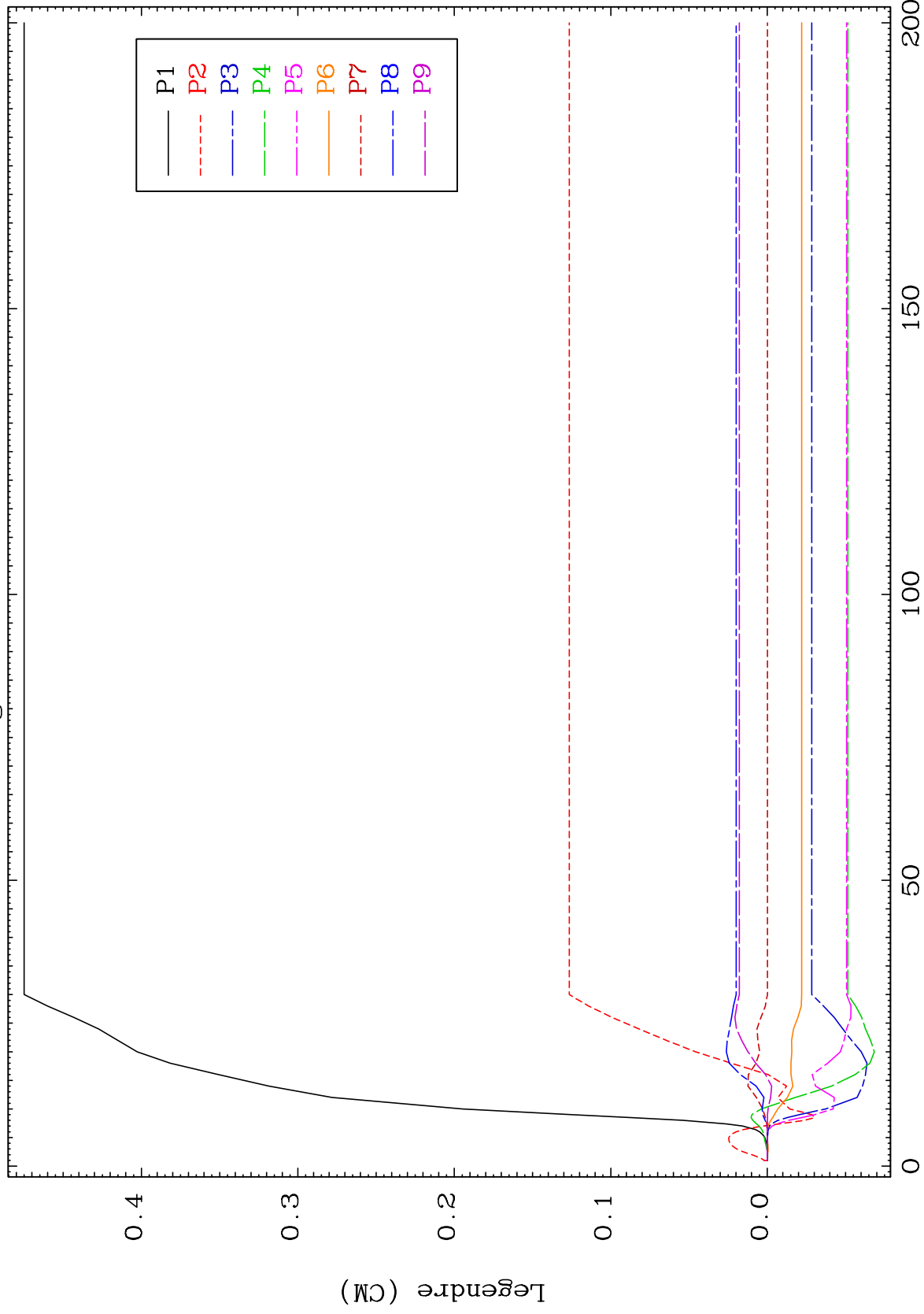




MAT 8058

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

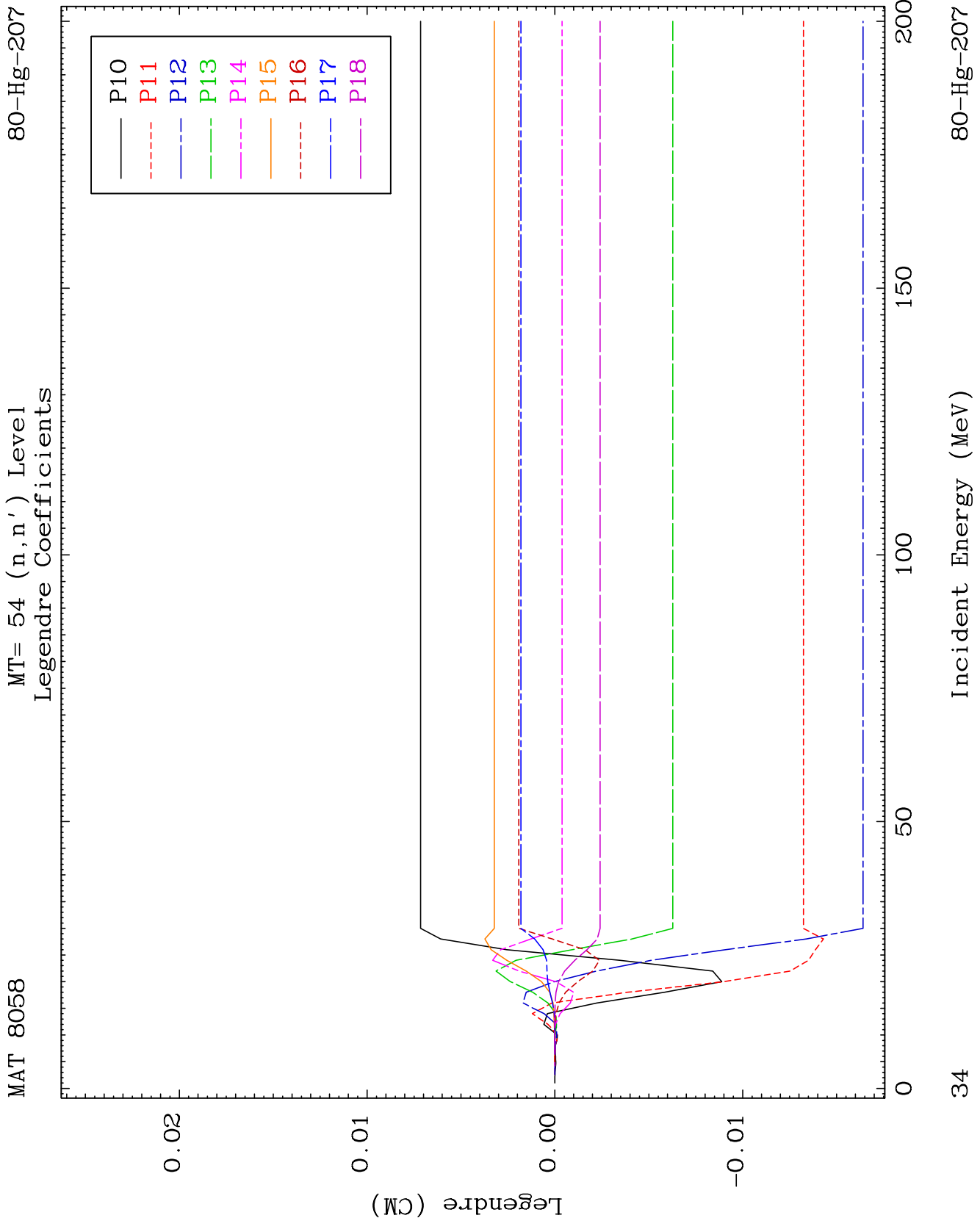
80-Hg-207



33

Incident Energy (MeV)

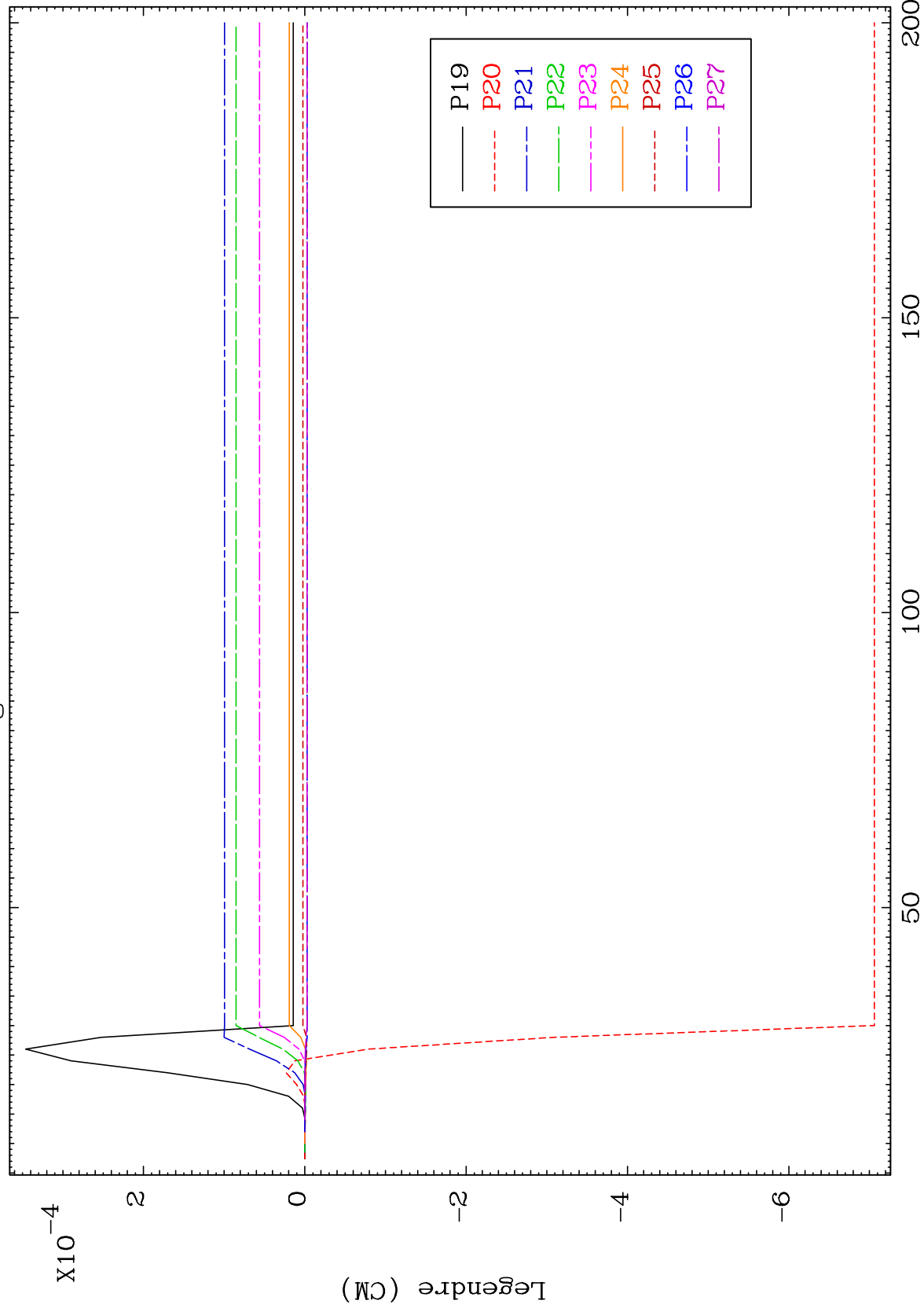
80-Hg-207



MAT 8058

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

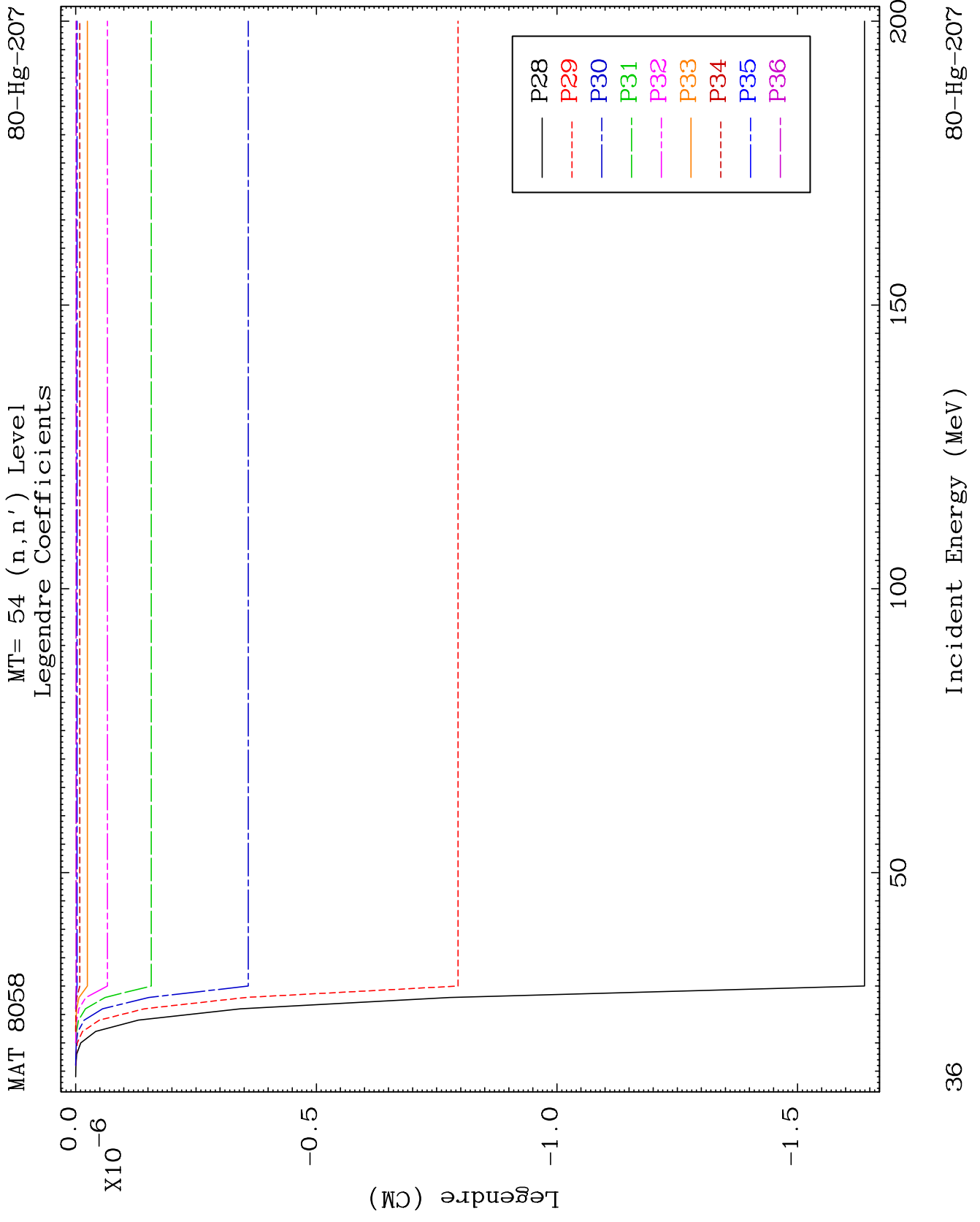
80-Hg-207



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Incident Energy (MeV)

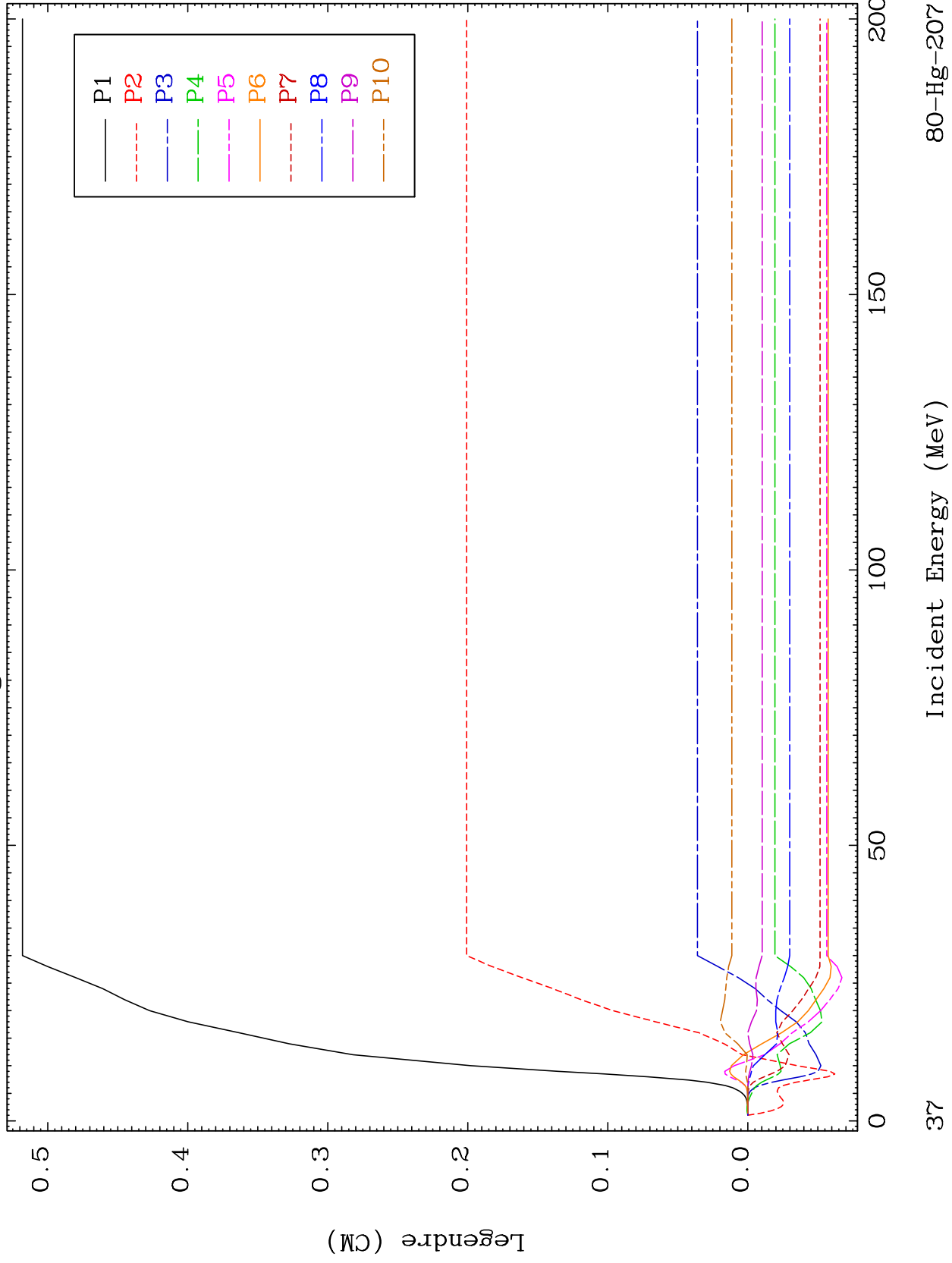
80-Hg-207



MAT 8058

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

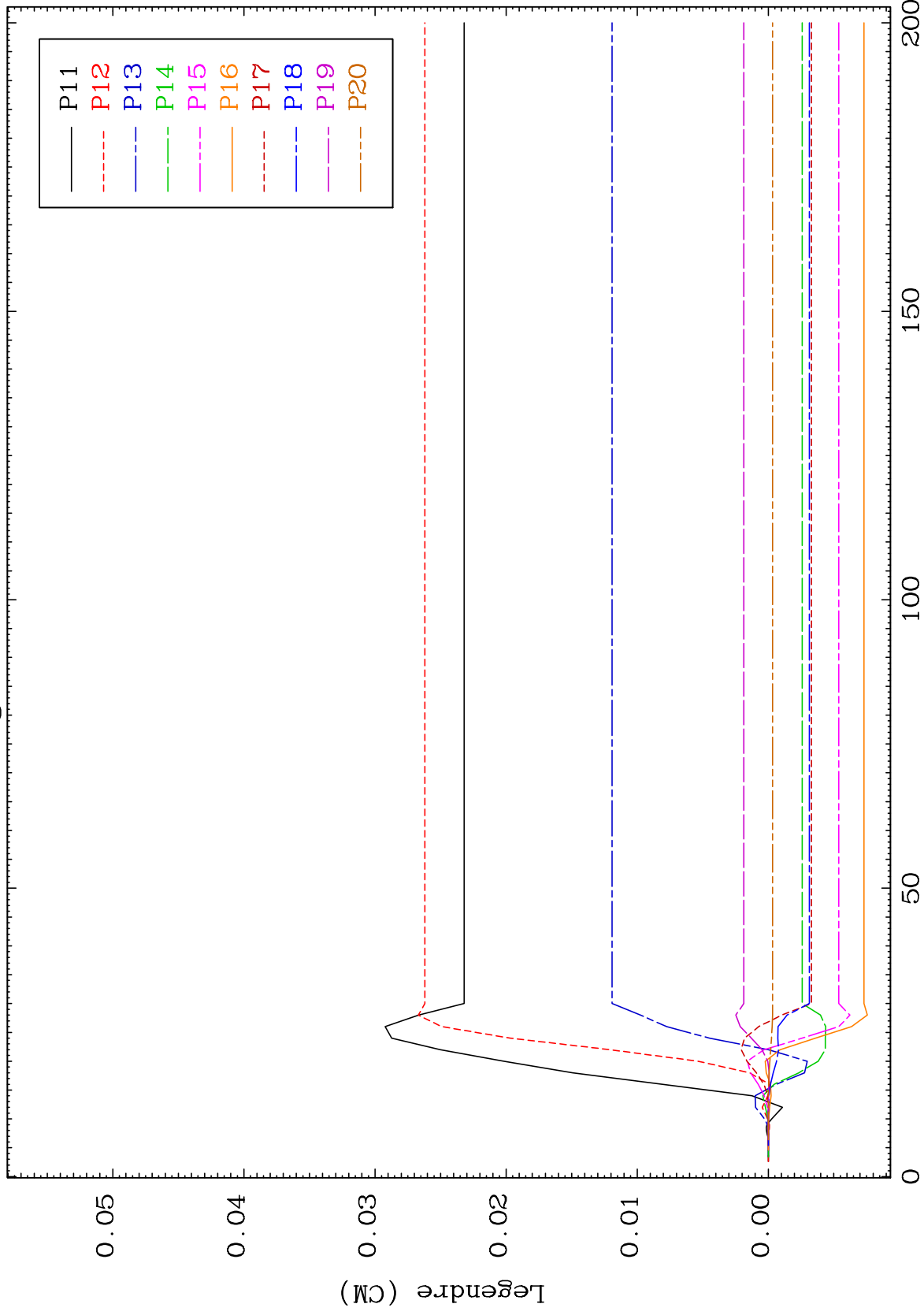
80-Hg-207



MAT 8058

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

80-Hg-207



38

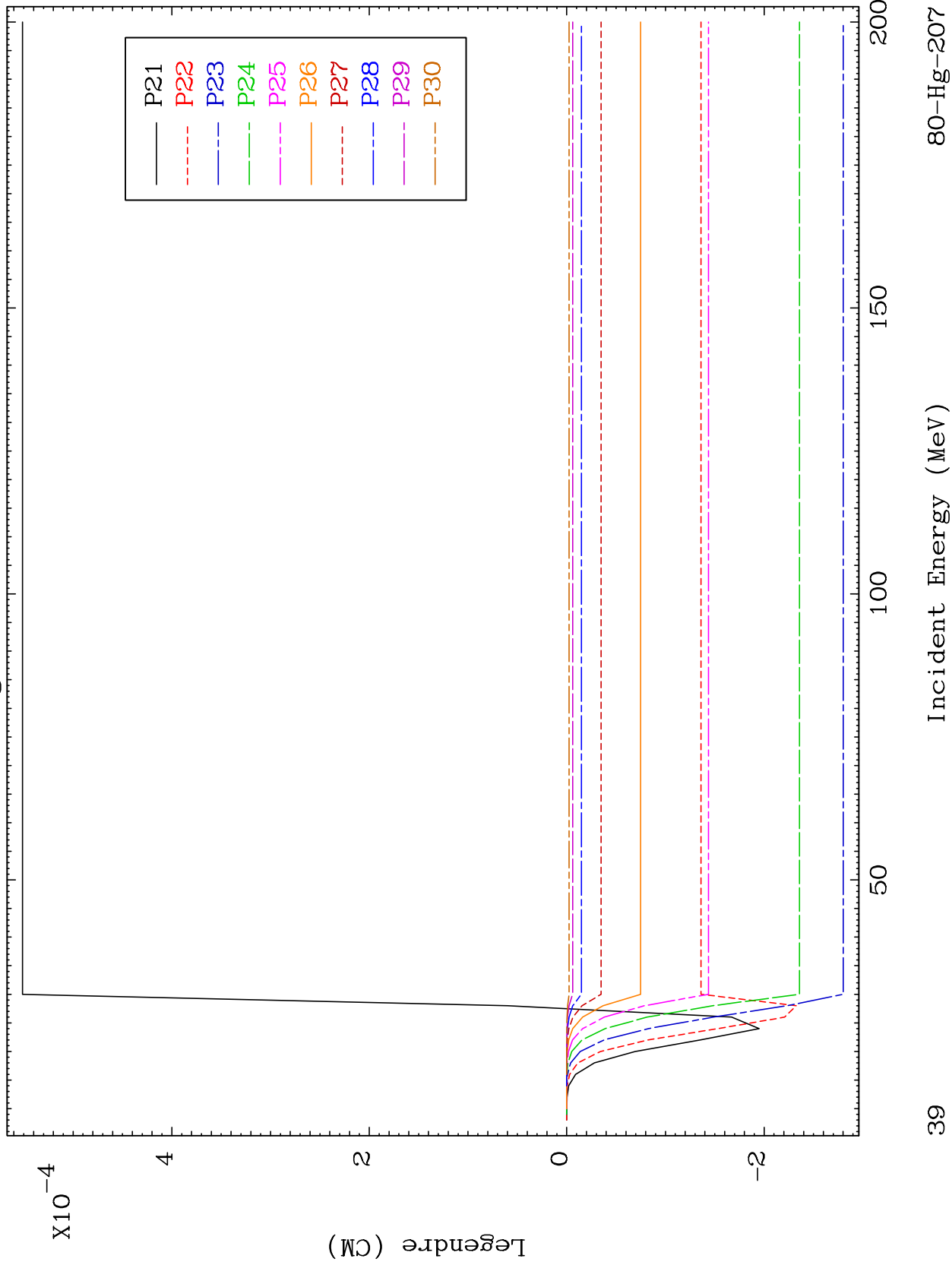
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



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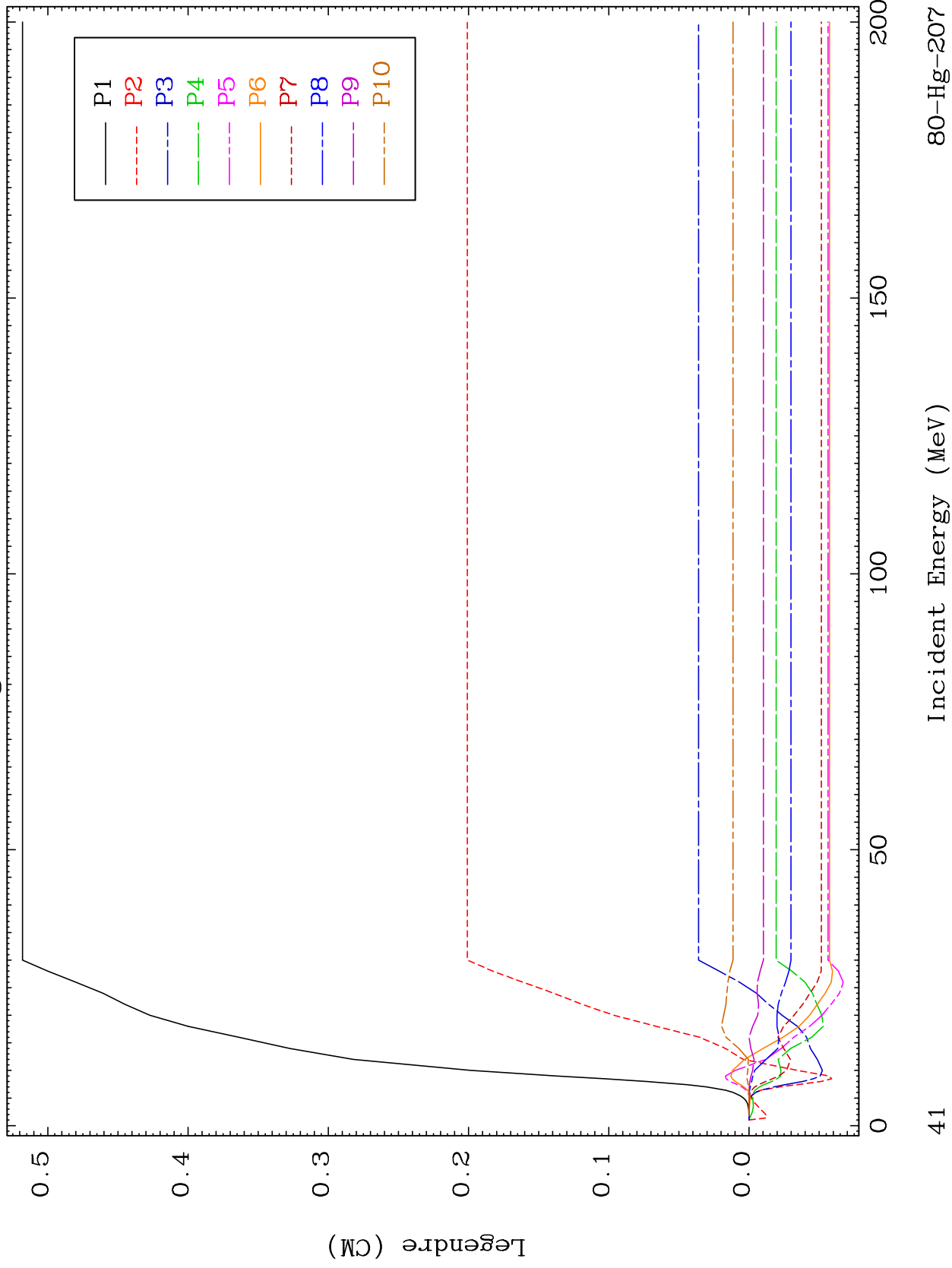




MAT 8058

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

80-Hg-207



41

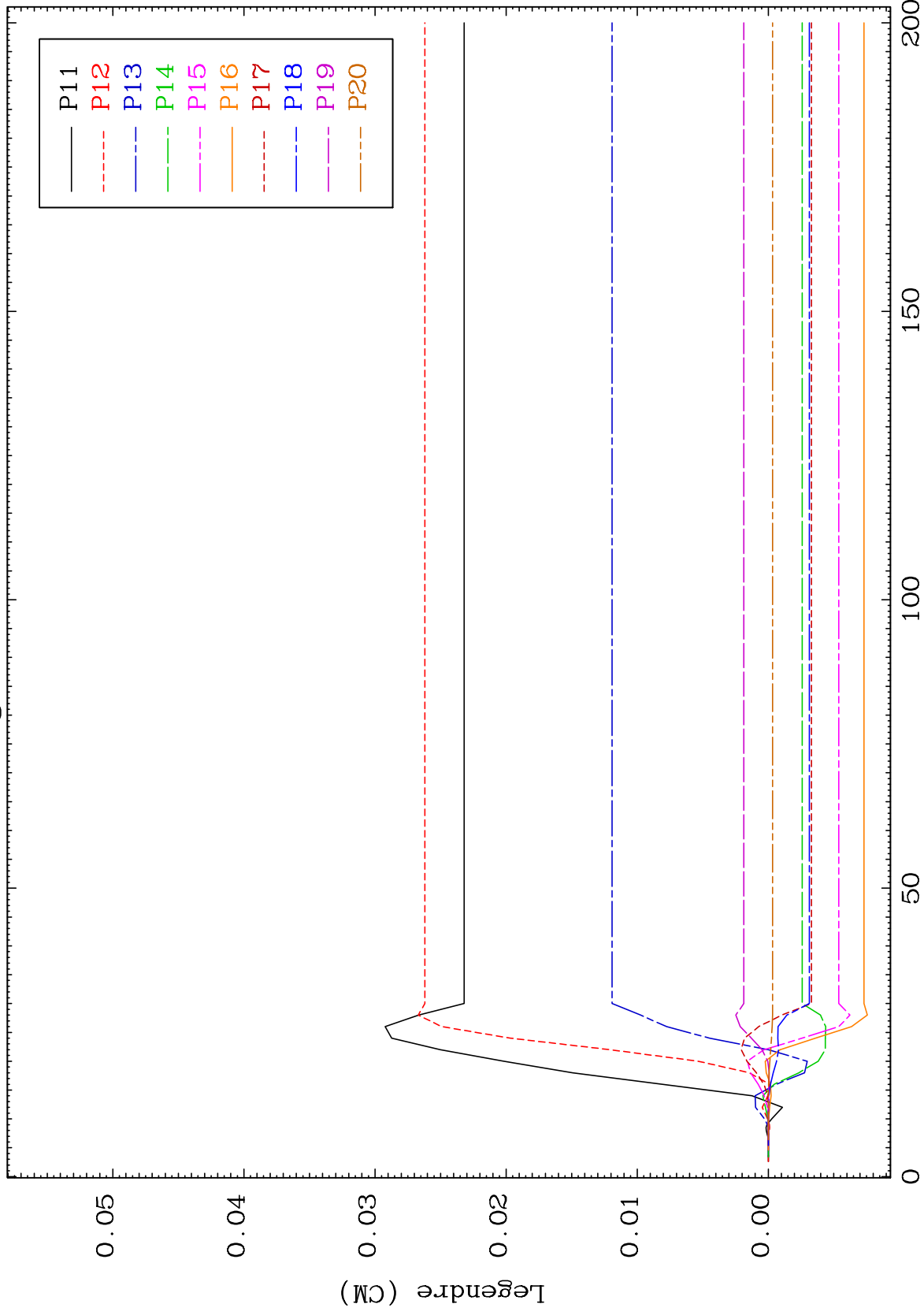
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



42

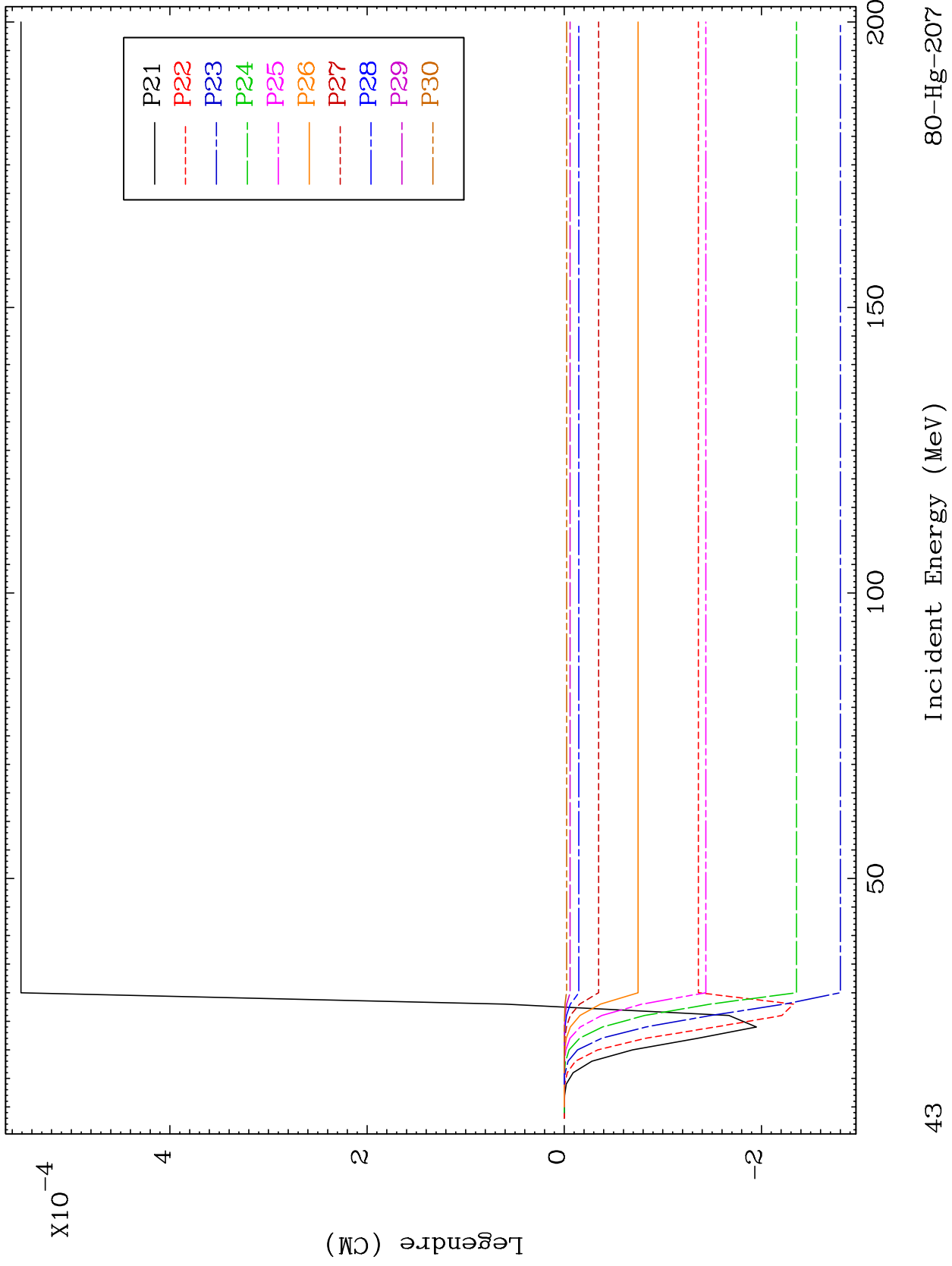
Incident Energy (MeV)

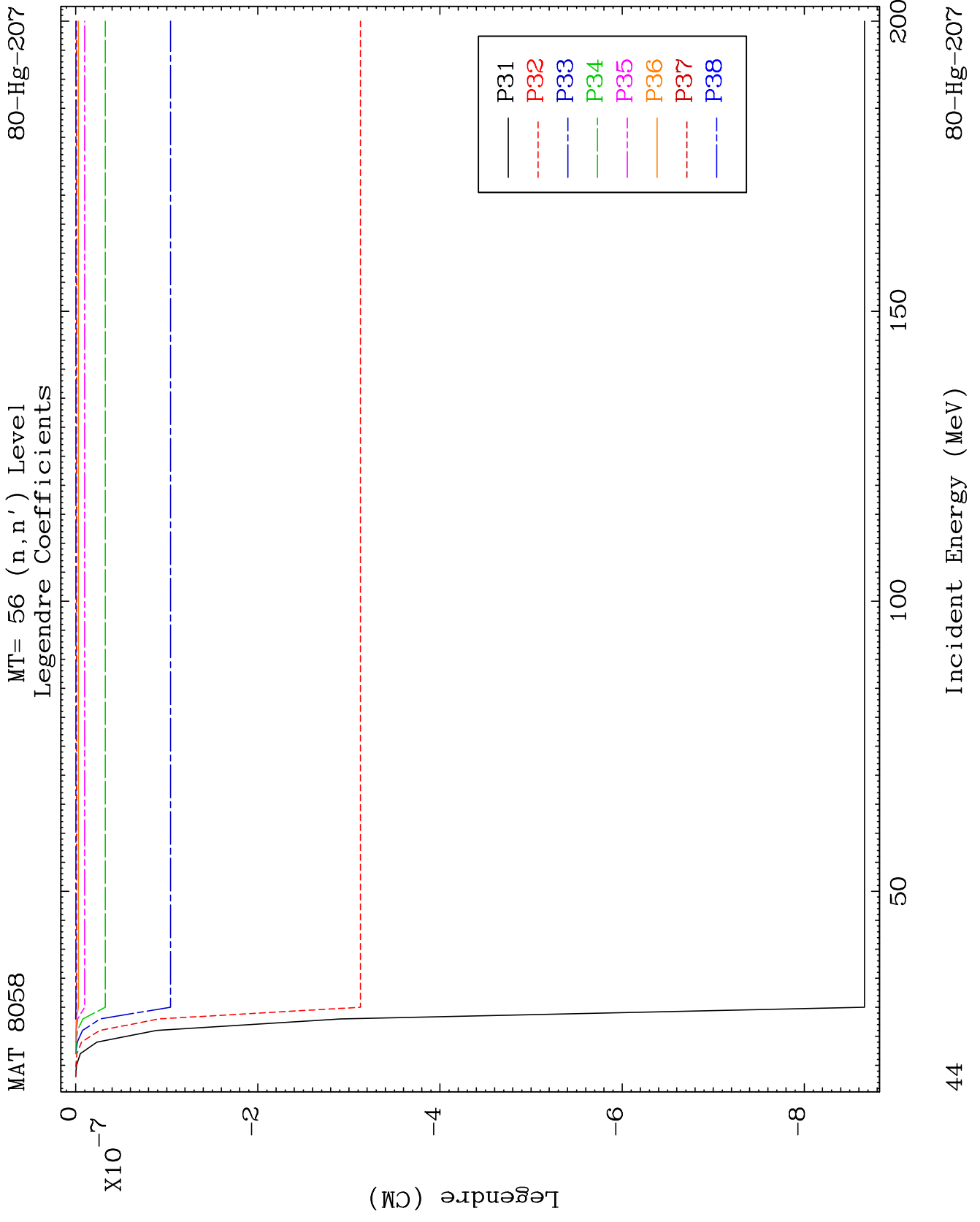
80-Hg-207

MAT 8058

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

80-Hg-207



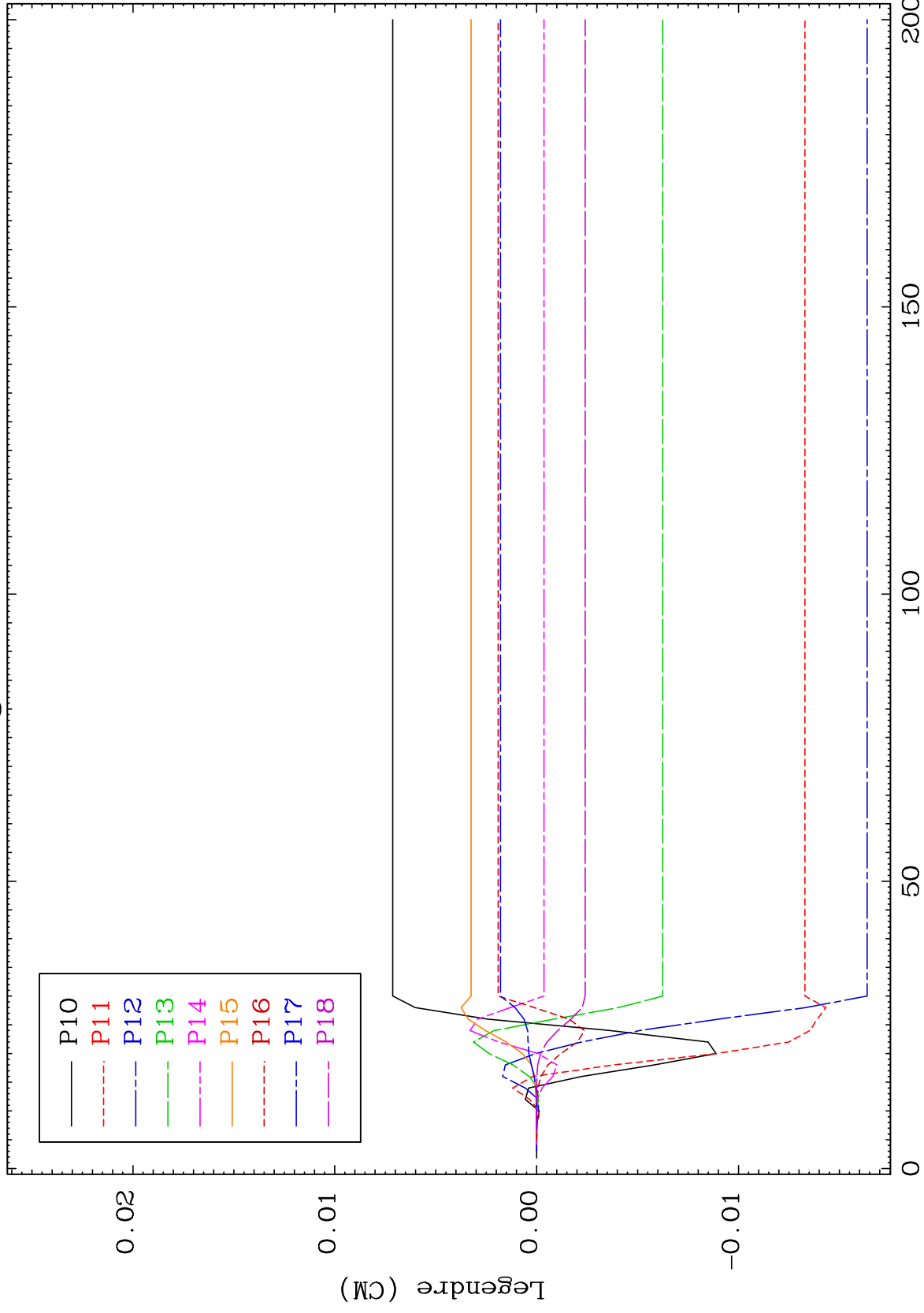




MAT 8058

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

80-Hg-207



46

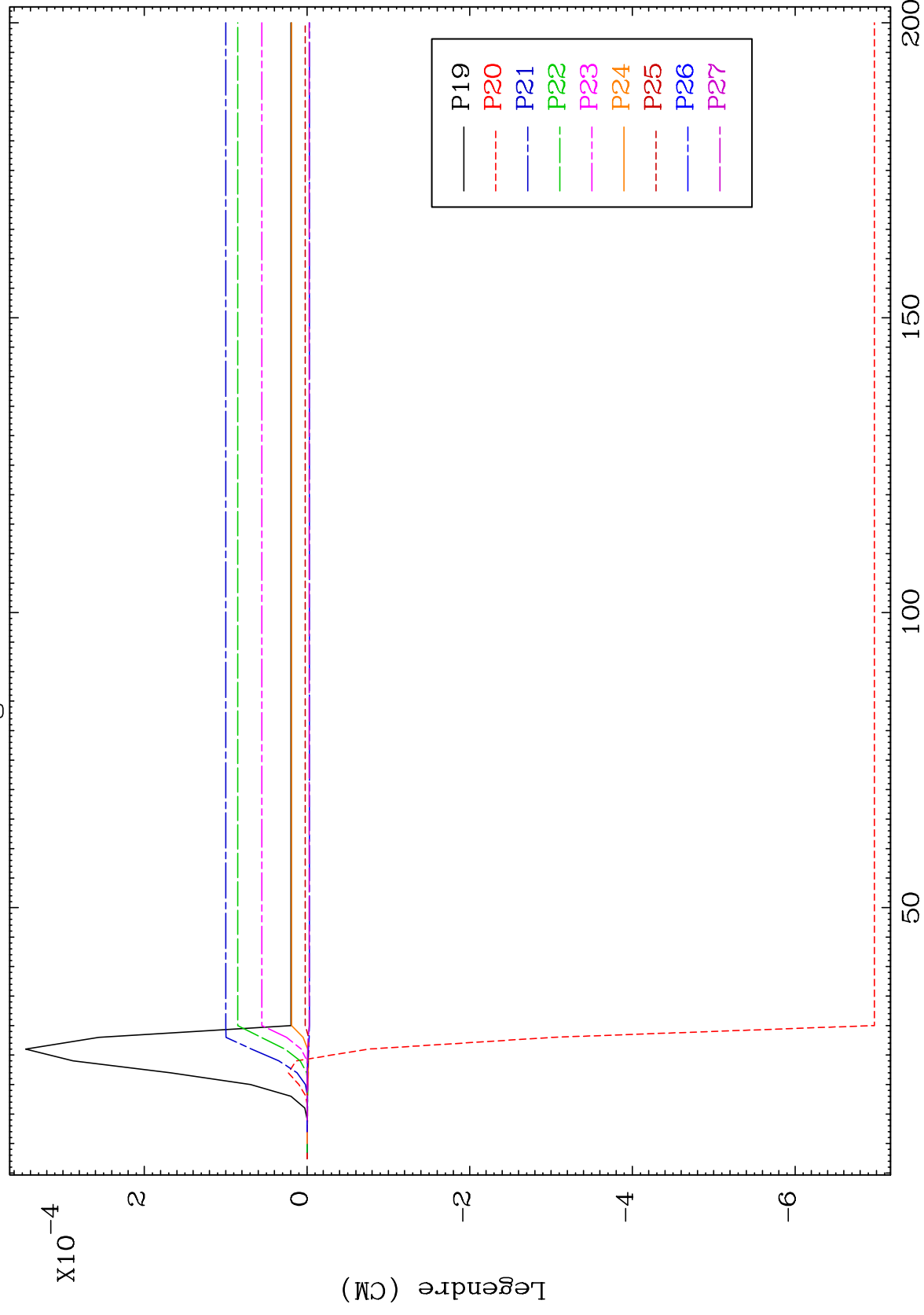
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207

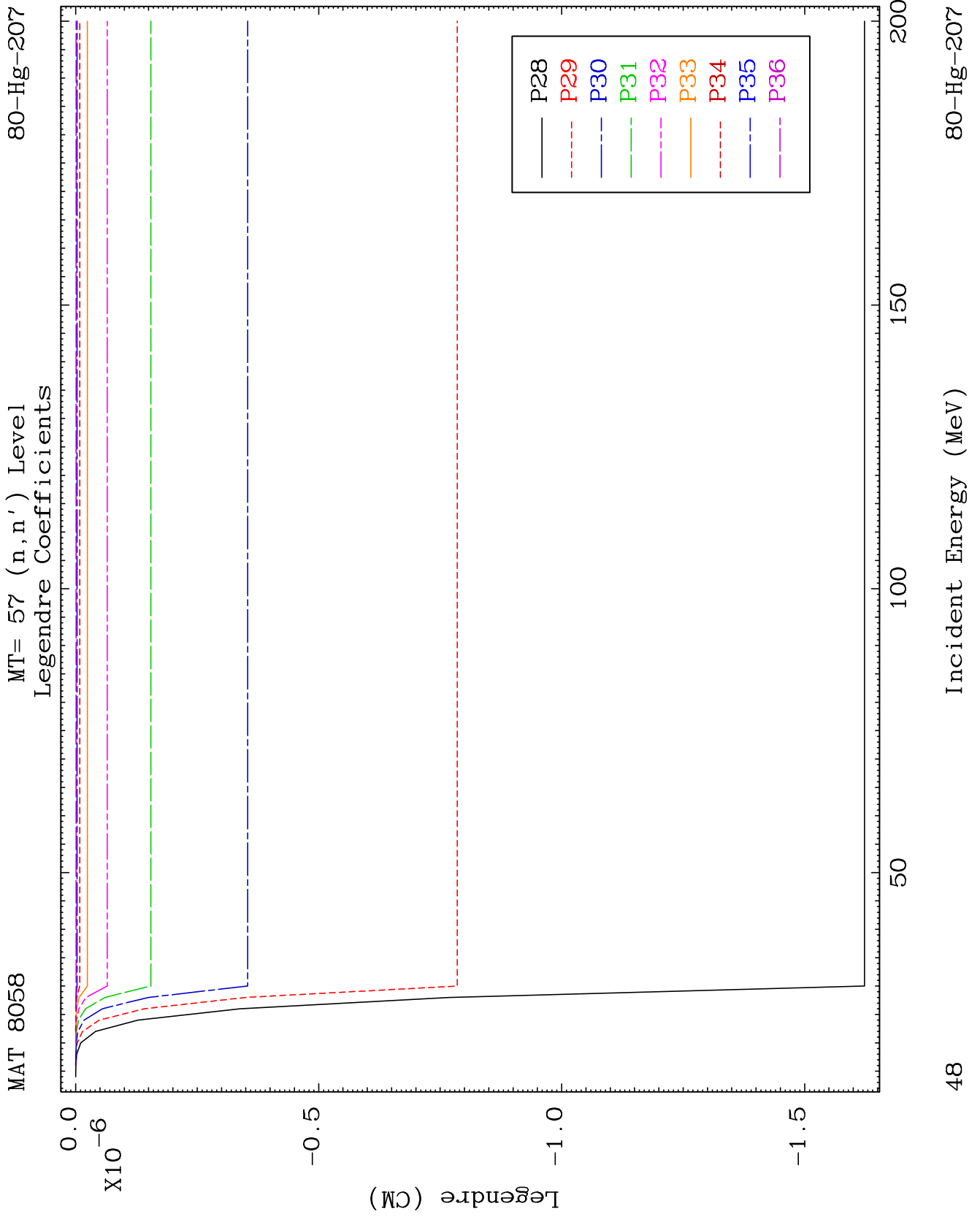


47

Incident Energy (MeV)

80-Hg-207

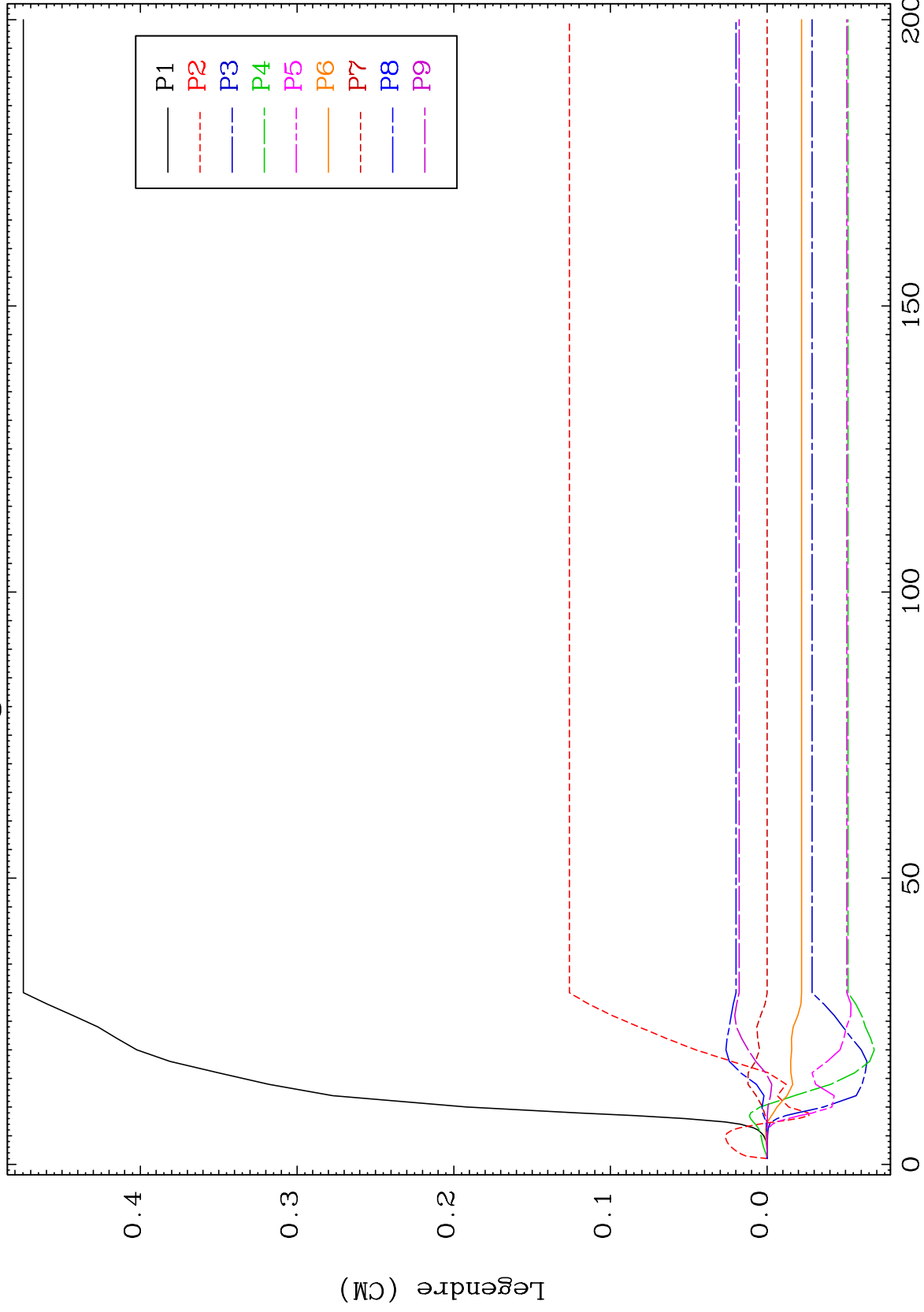




MAT 8058

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

80-Hg-207



49

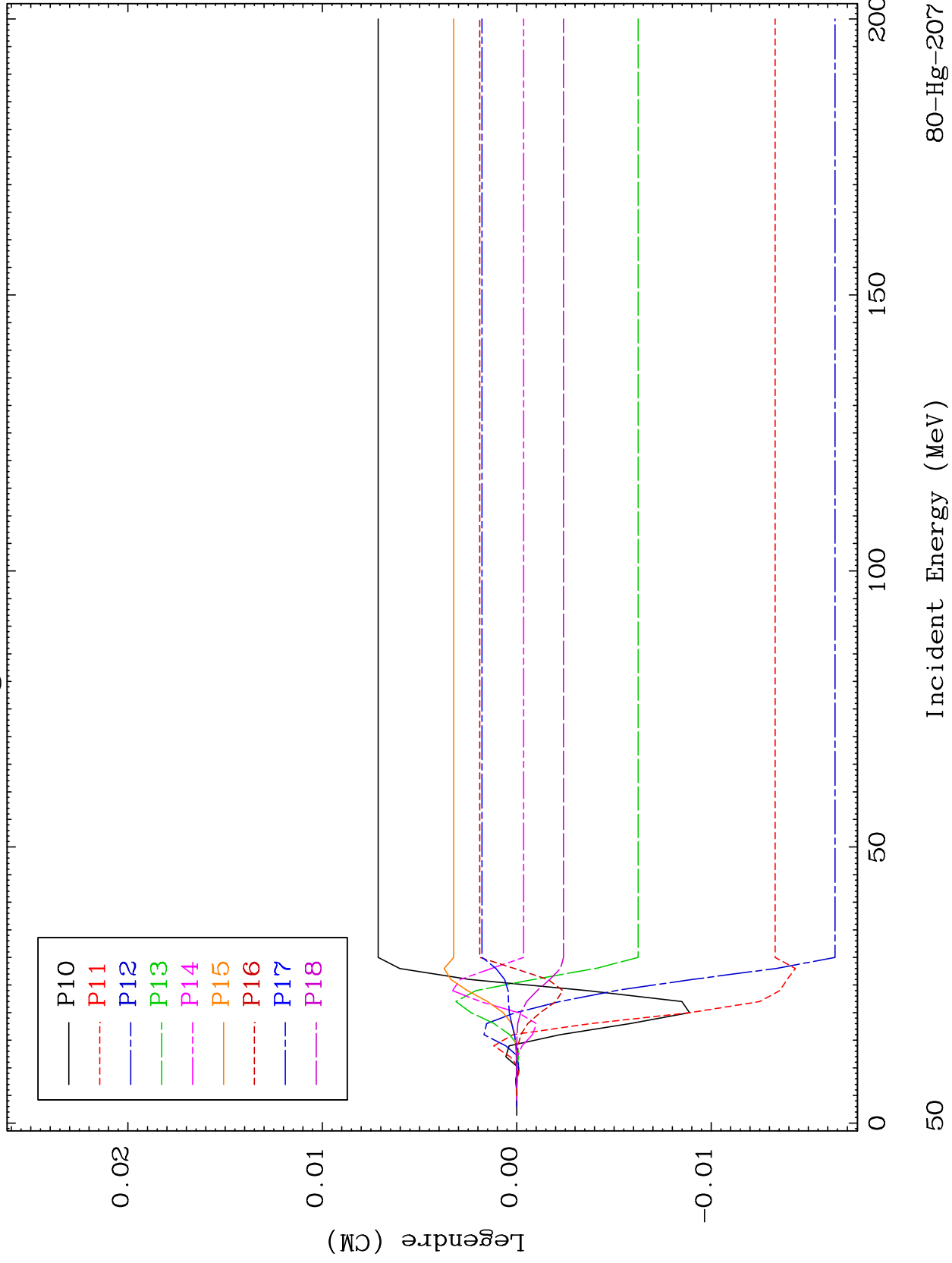
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



80-Hg-207

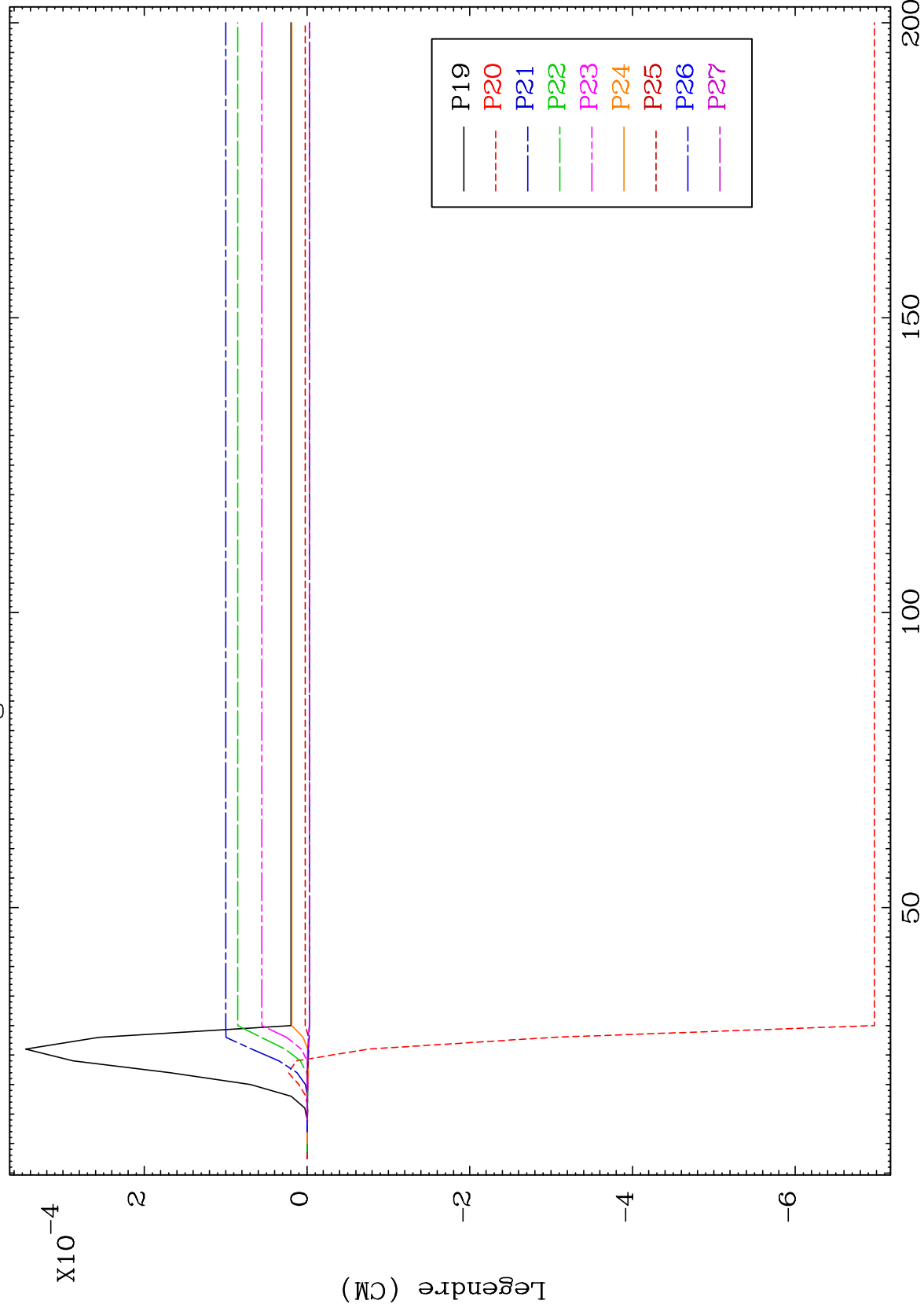
Incident Energy (MeV)

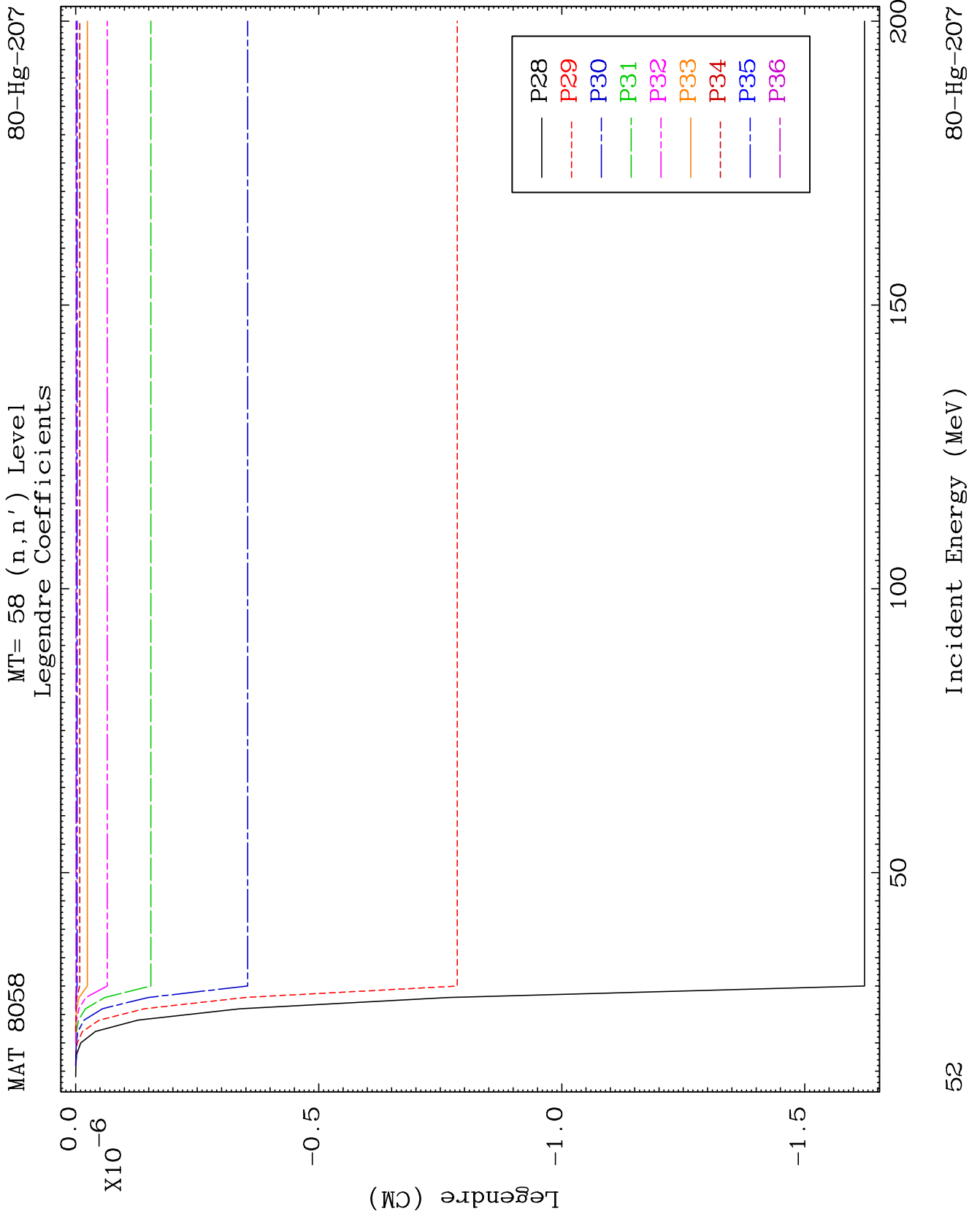
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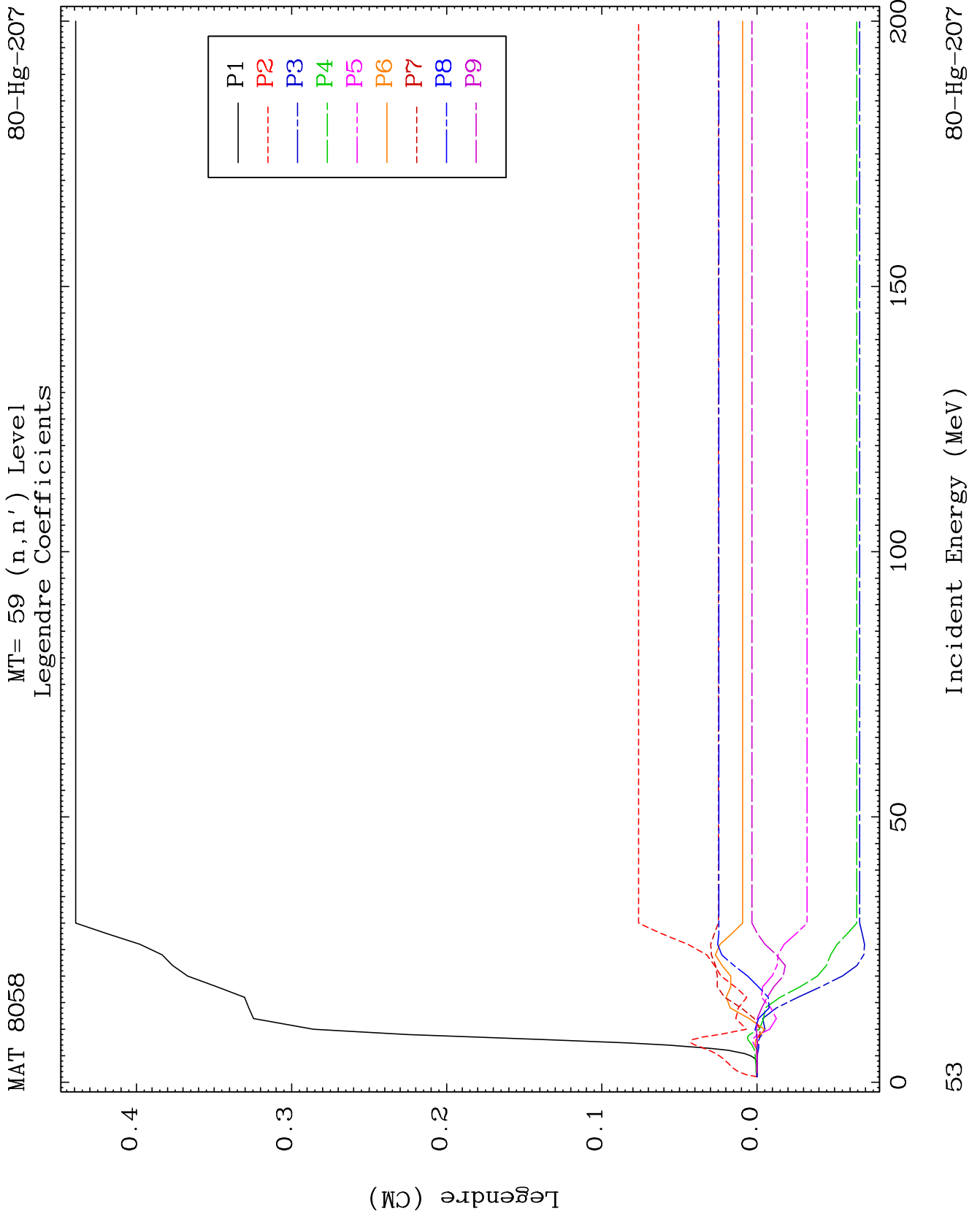
MAT 8058

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

80-Hg-207



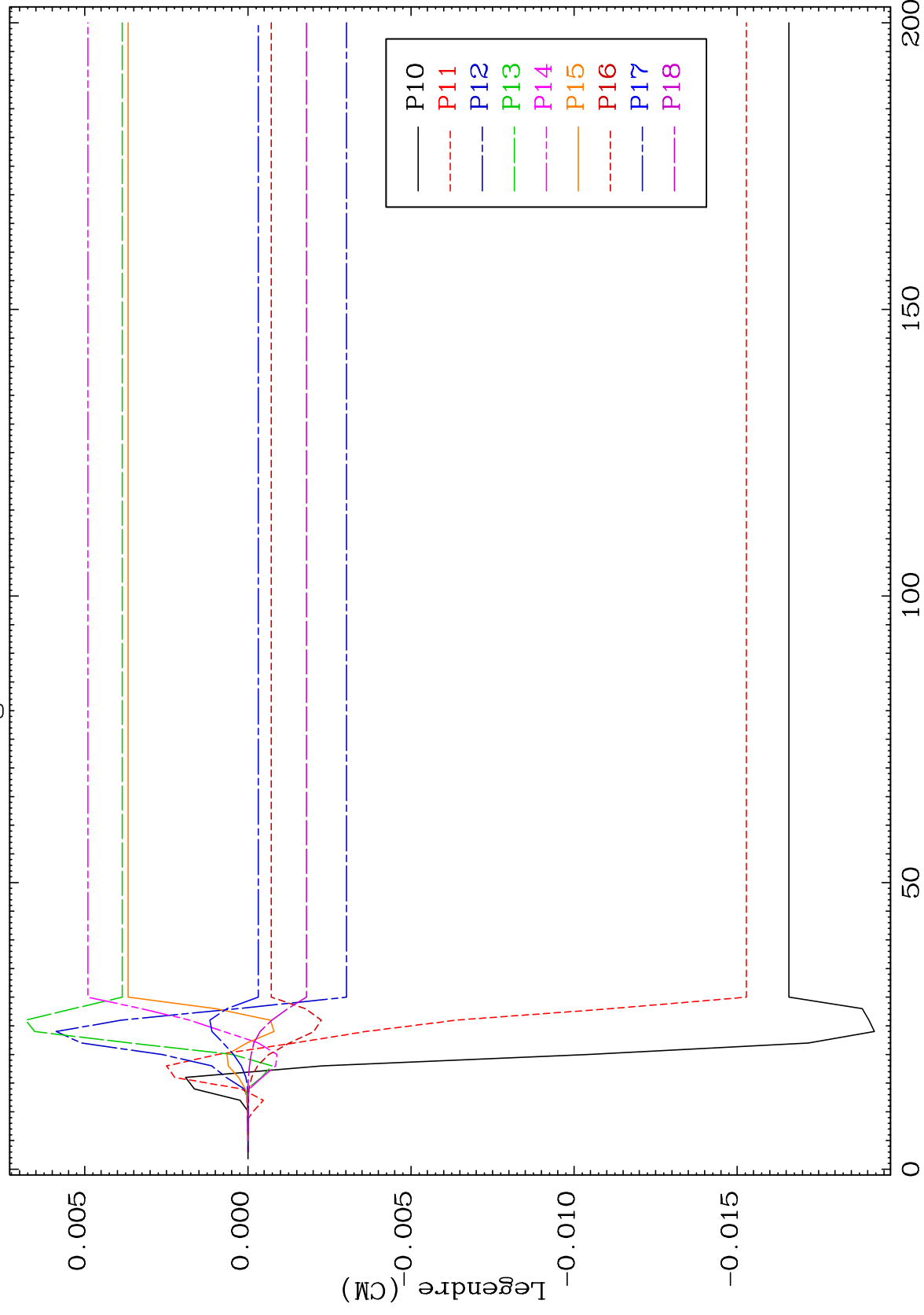




MAT 8058

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

80-Hg-207



54

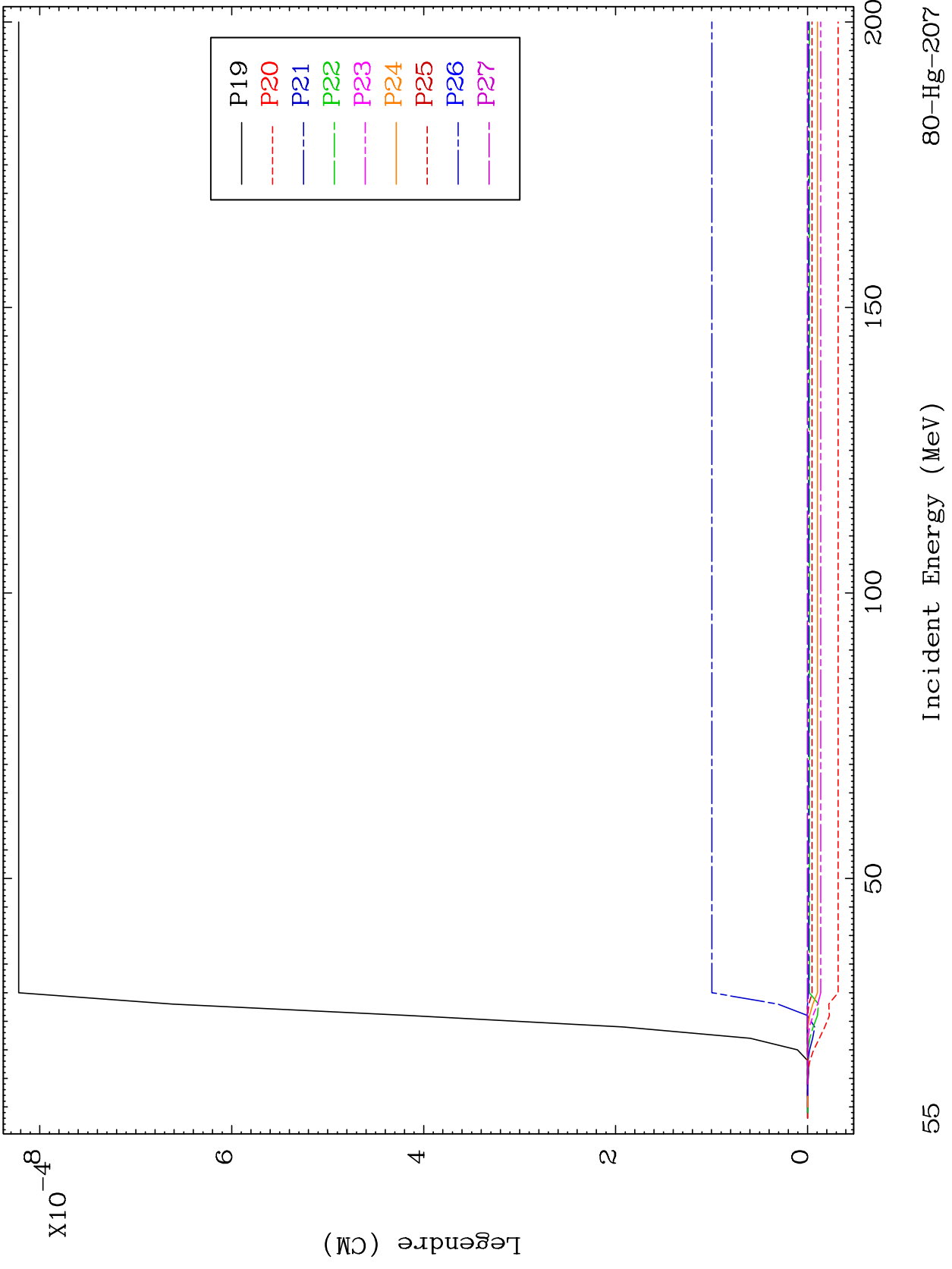
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207

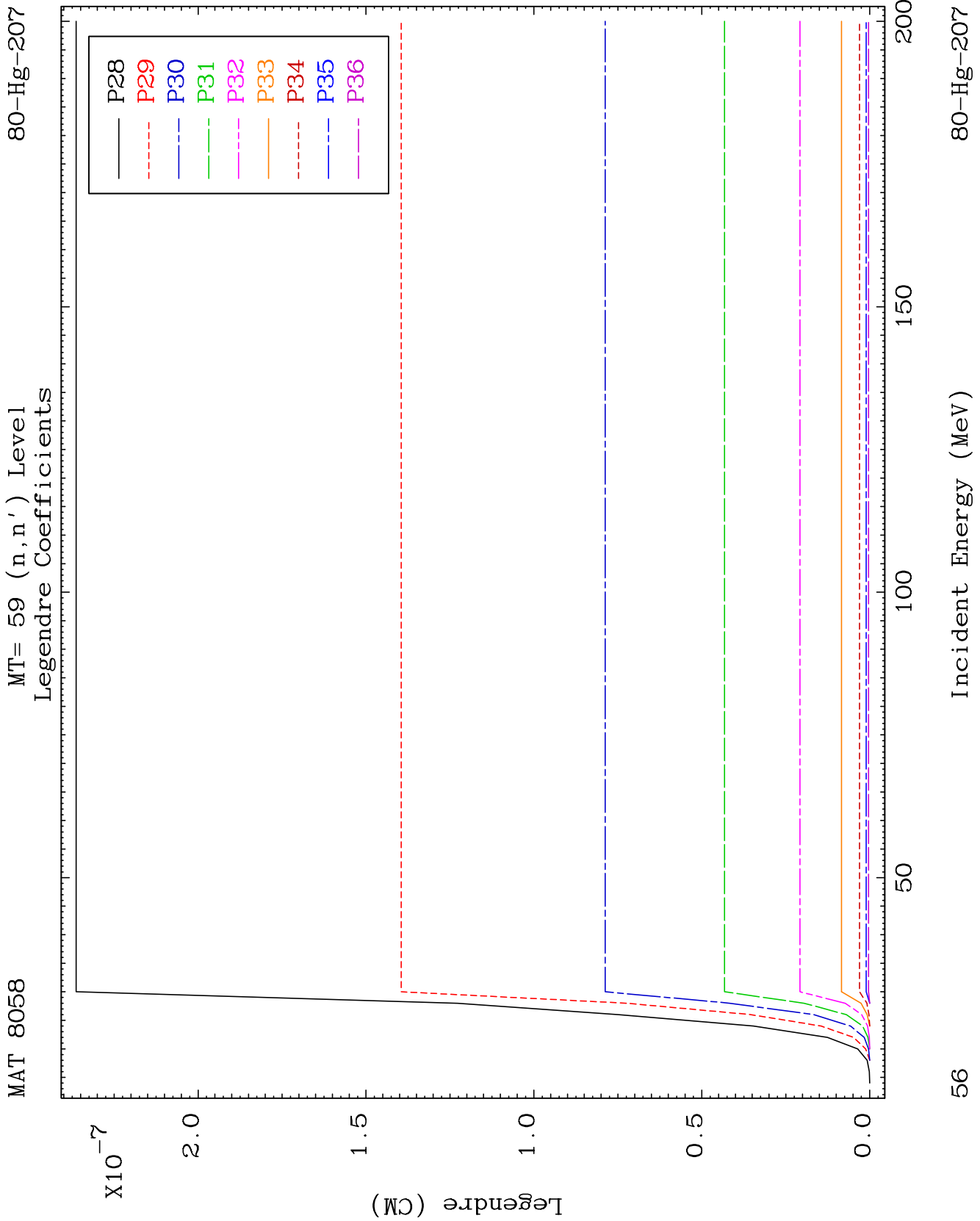


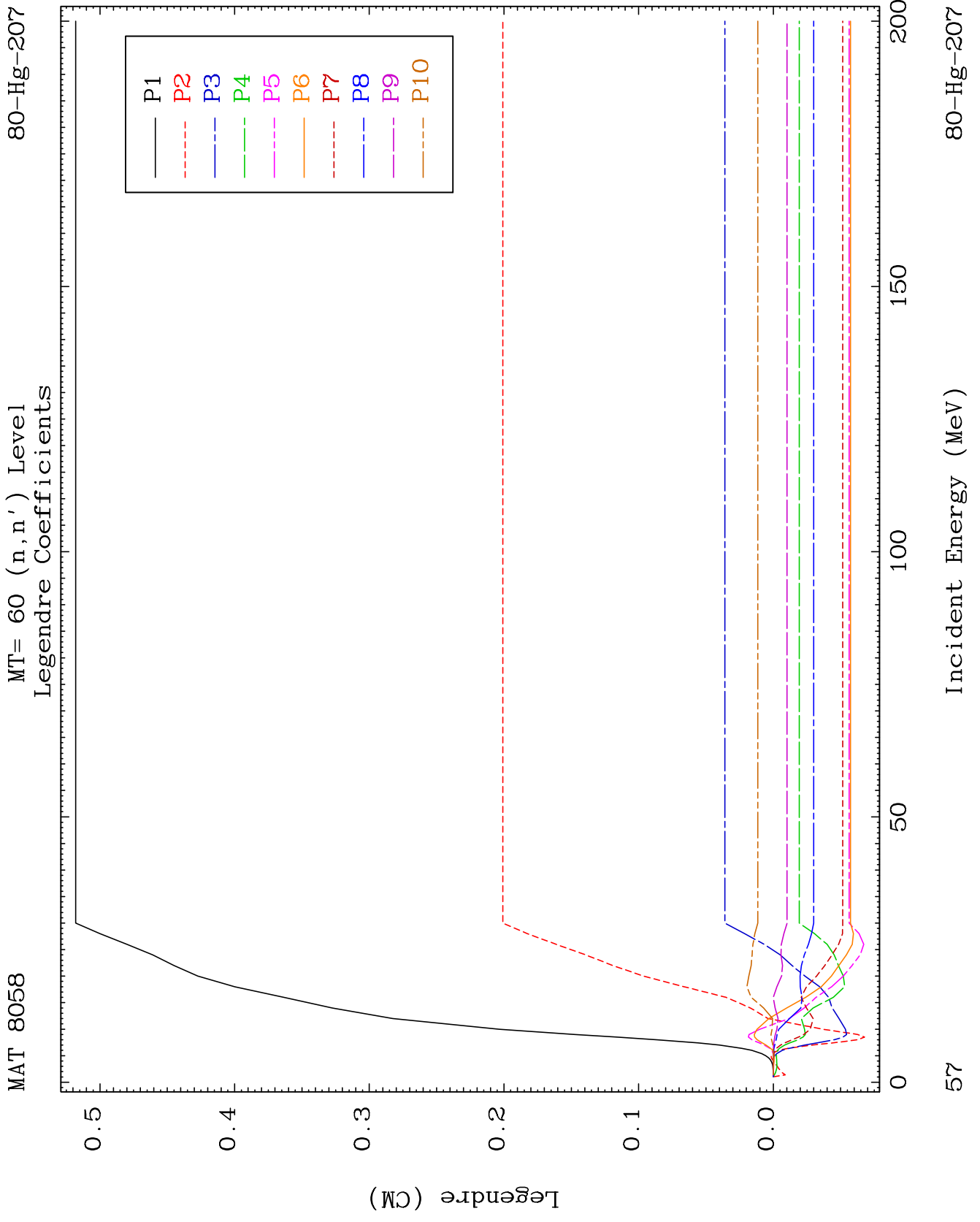
55

Incident Energy (MeV)

80-Hg-207







80-Hg-207

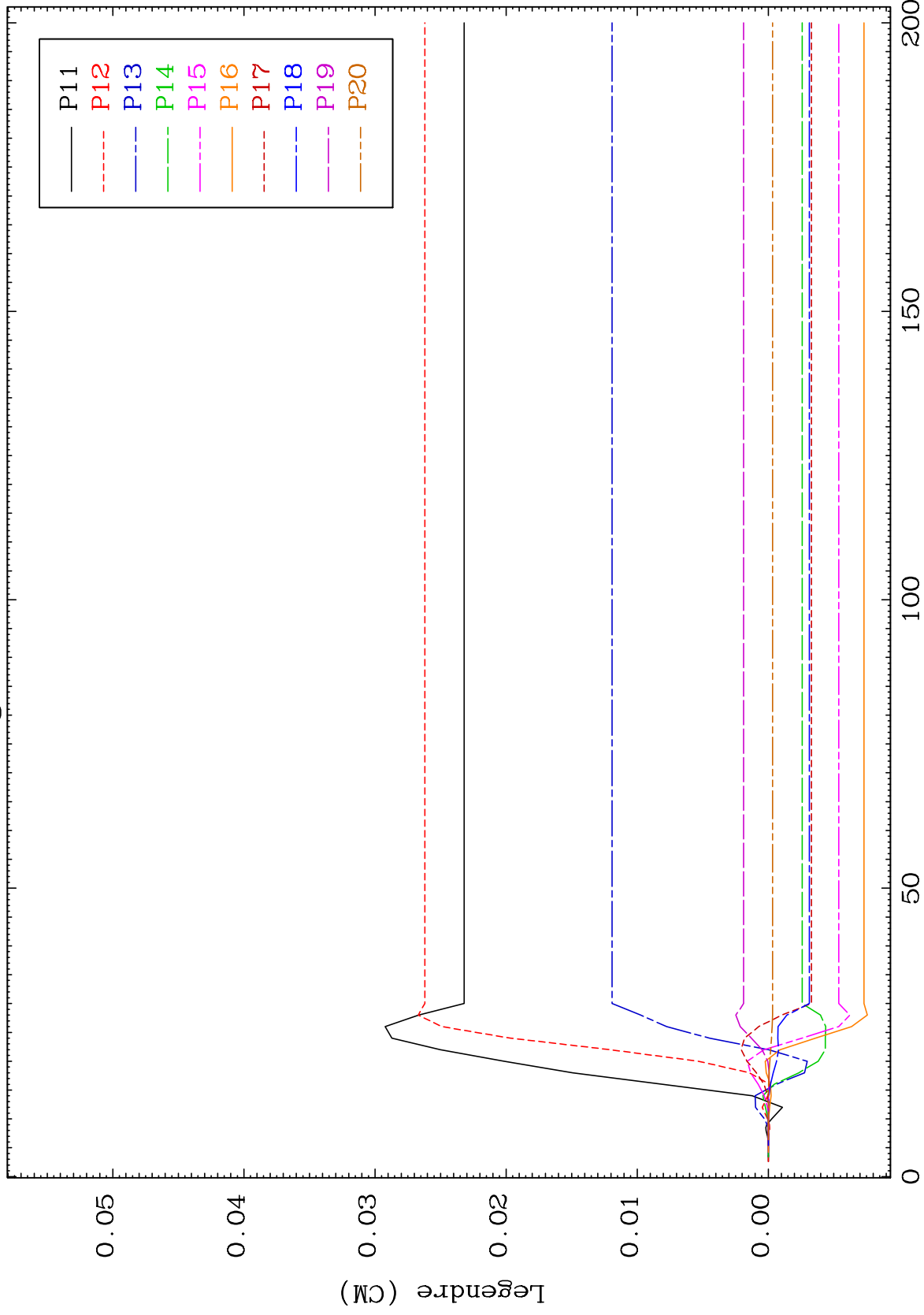
Incident Energy (MeV)

57

MAT 8058

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

80-Hg-207



58

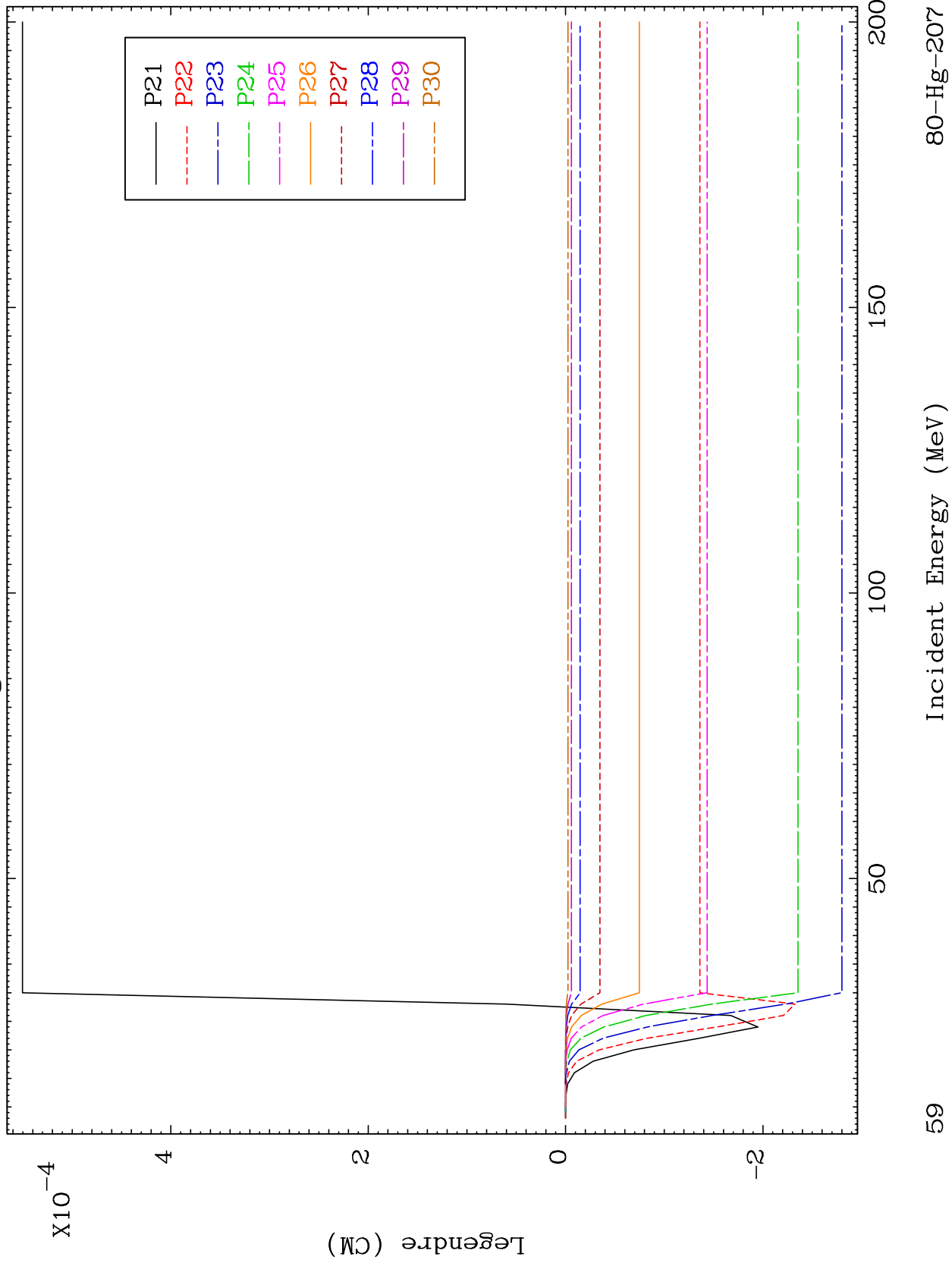
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

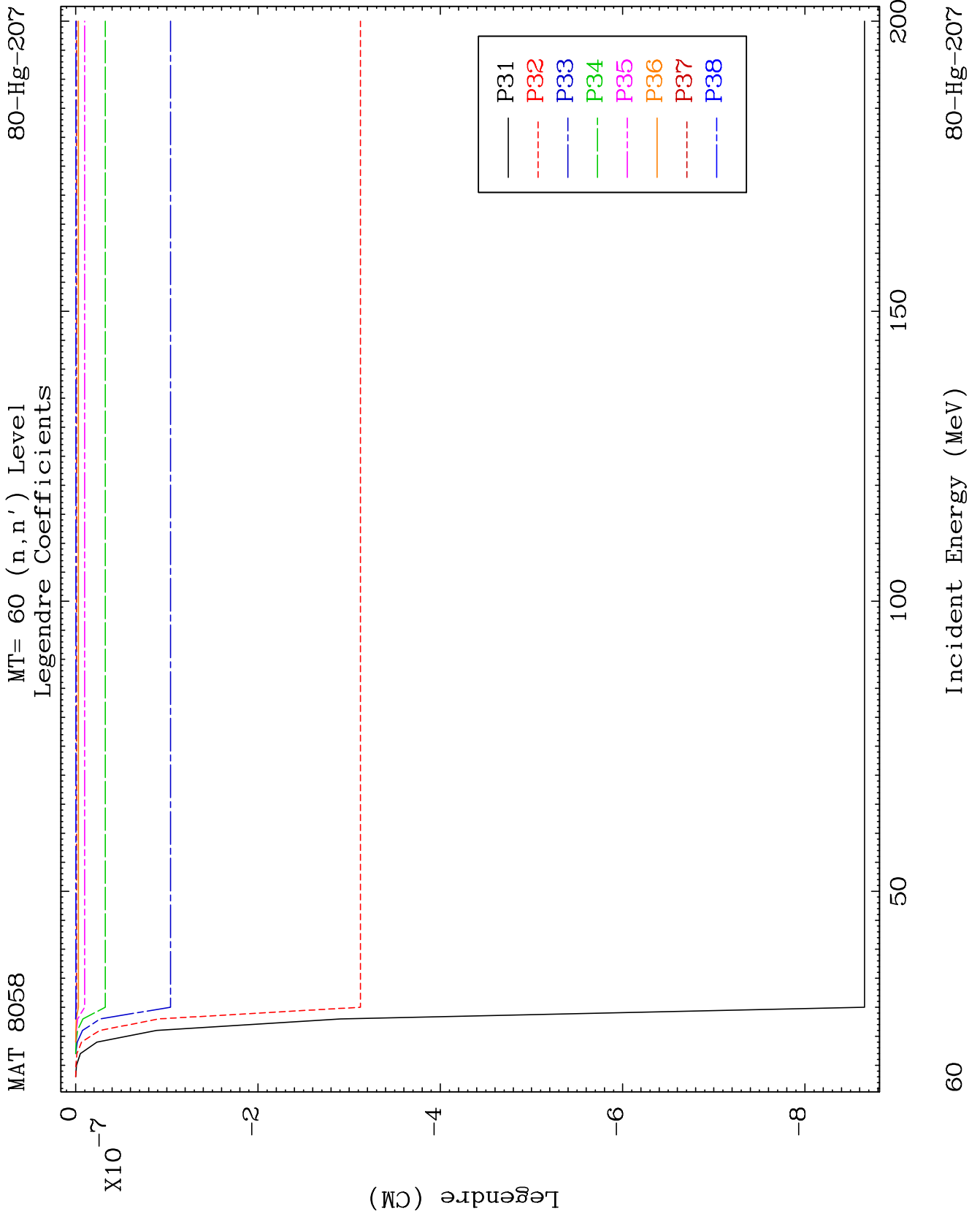
80-Hg-207



59

Incident Energy (MeV)

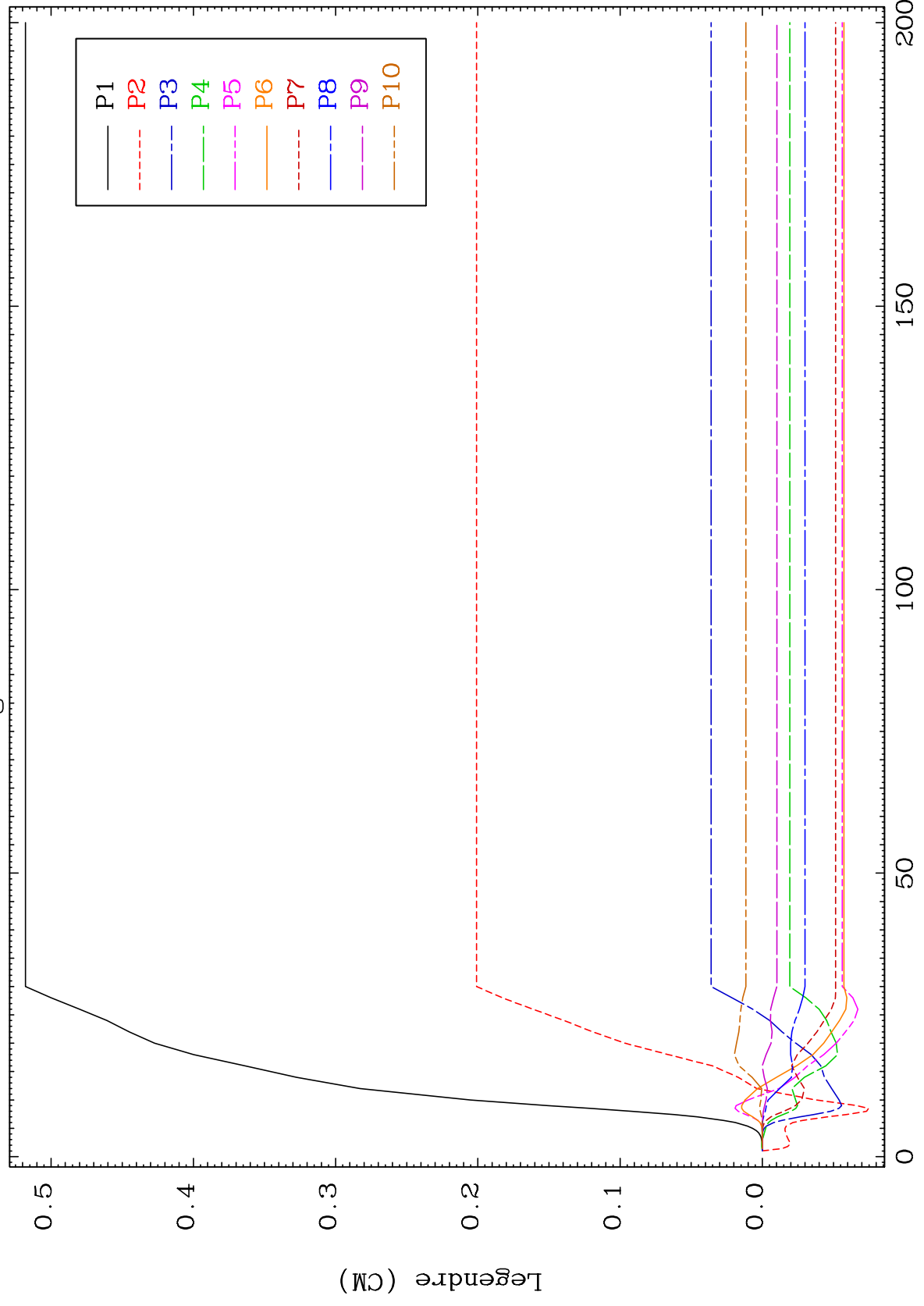
80-Hg-207



MAT 8058

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

80-Hg-207



61

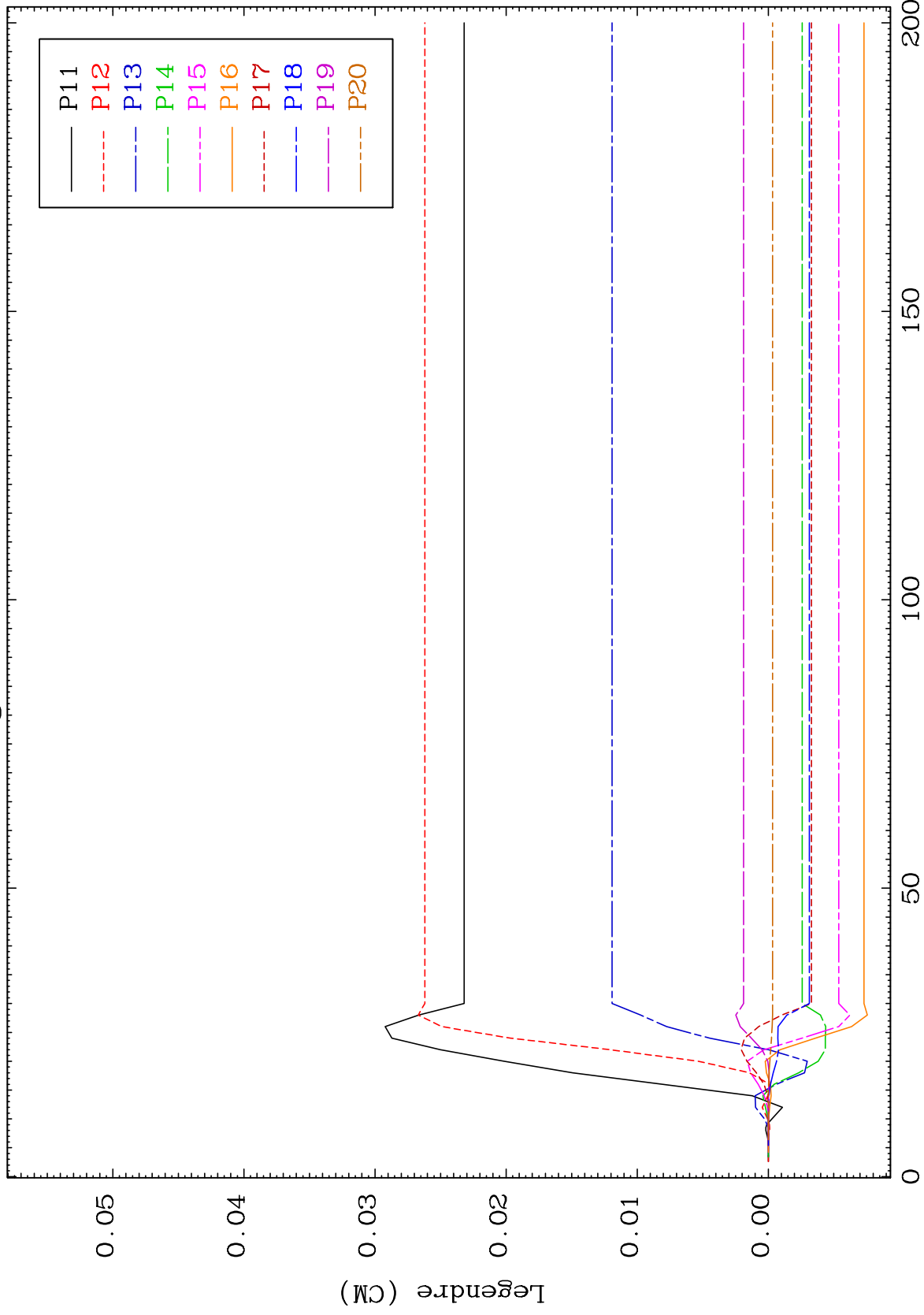
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



62

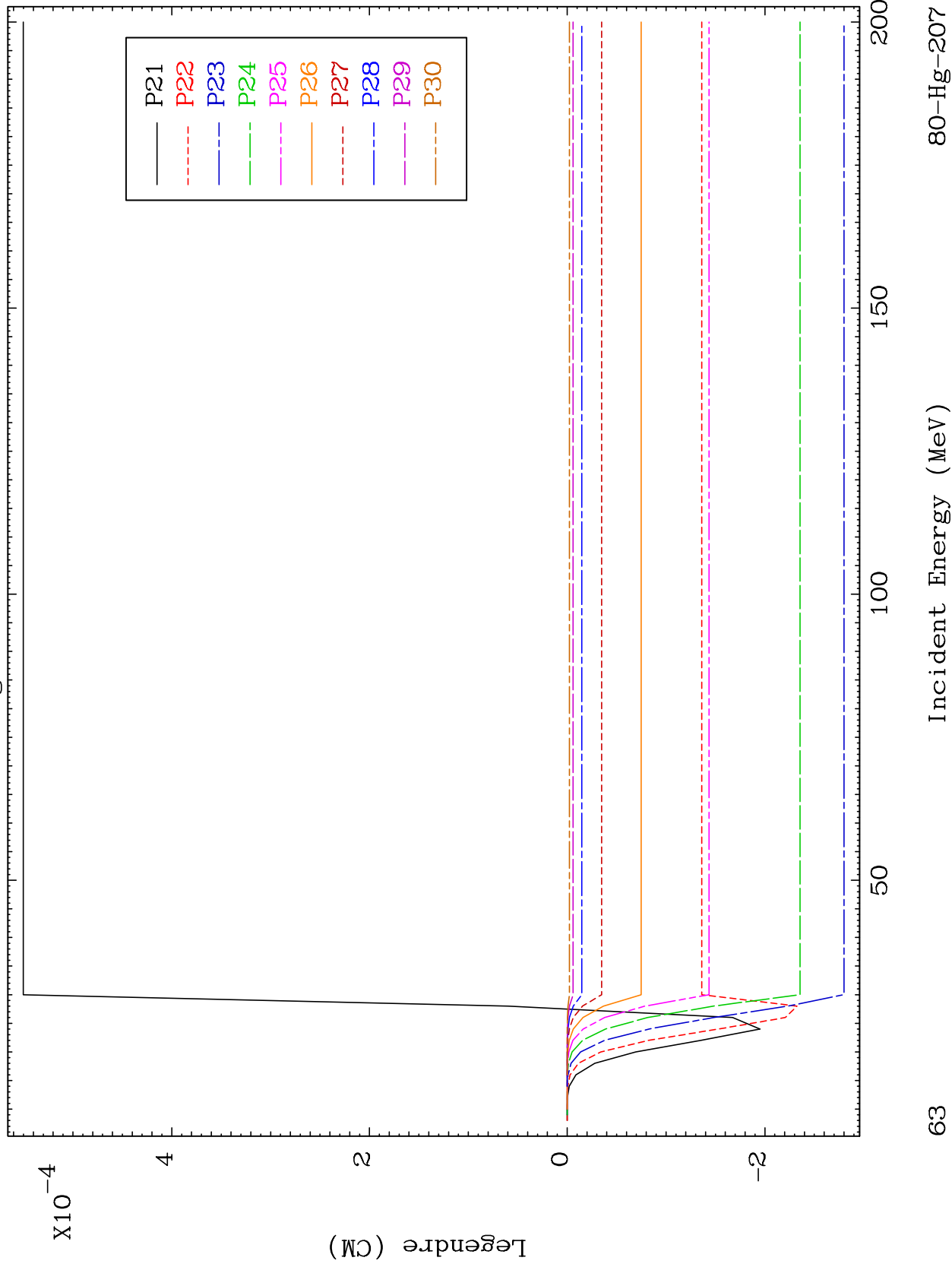
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



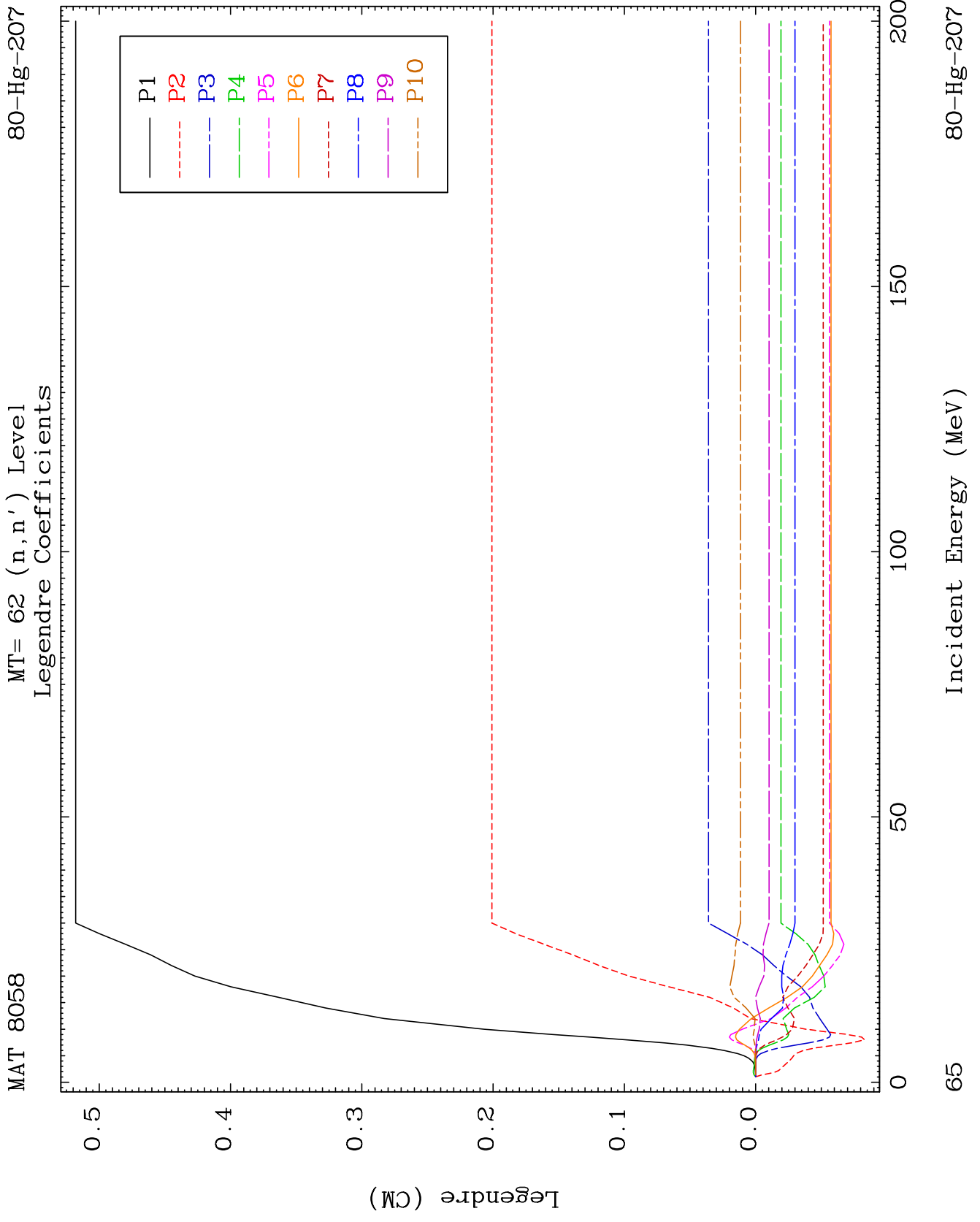
63

Incident Energy (MeV)

80-Hg-207



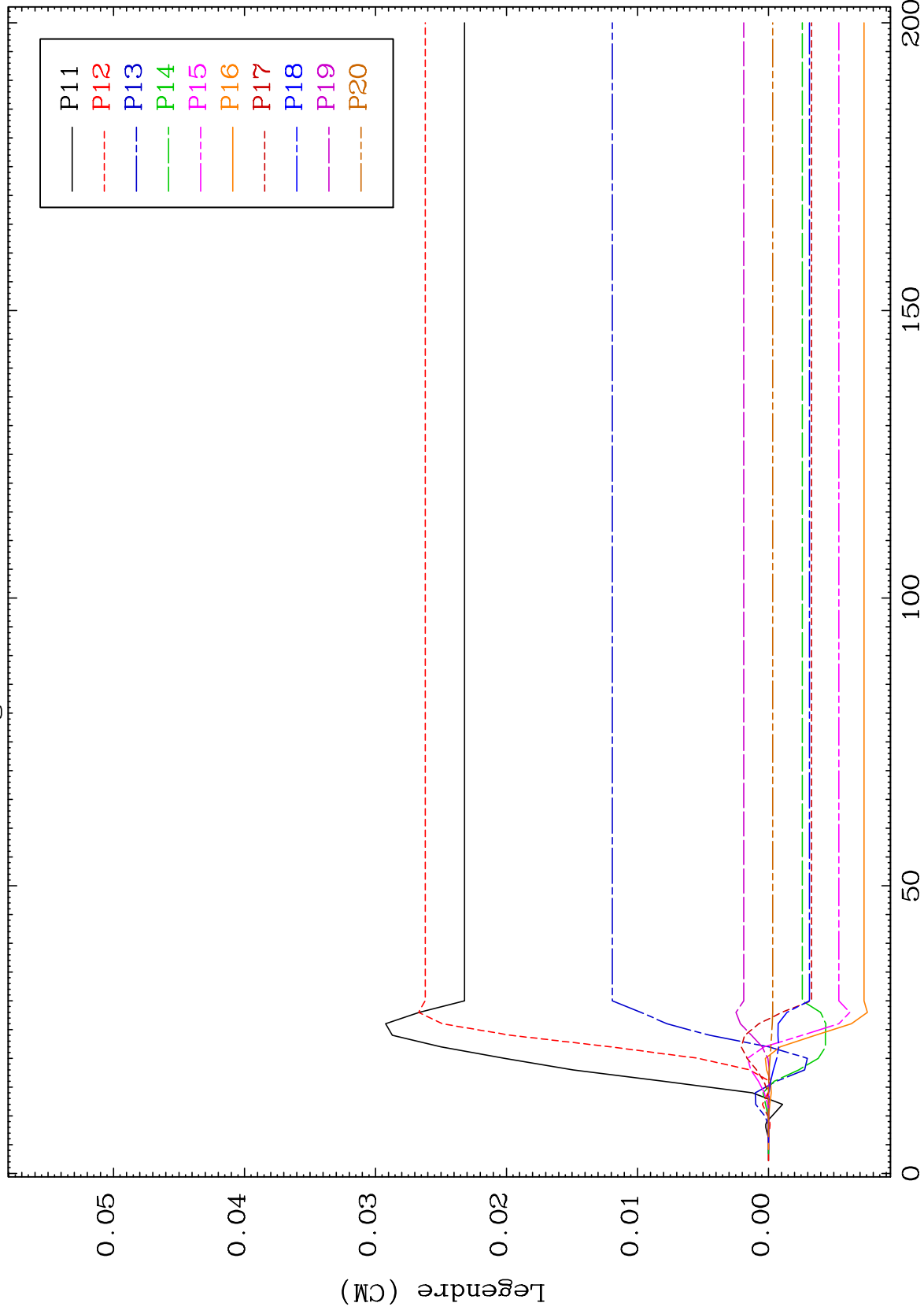




MAT 8058

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

80-Hg-207



66

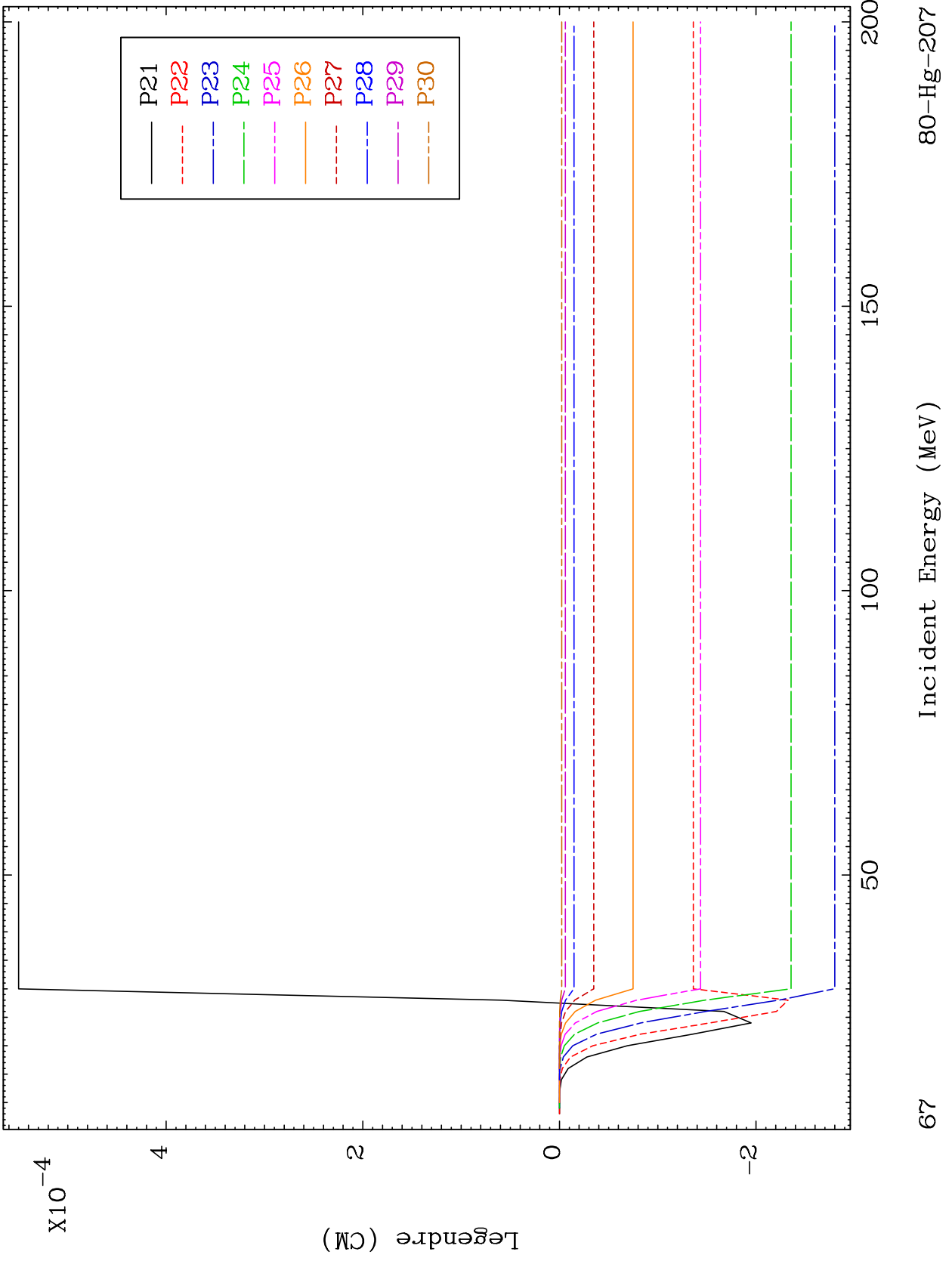
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207

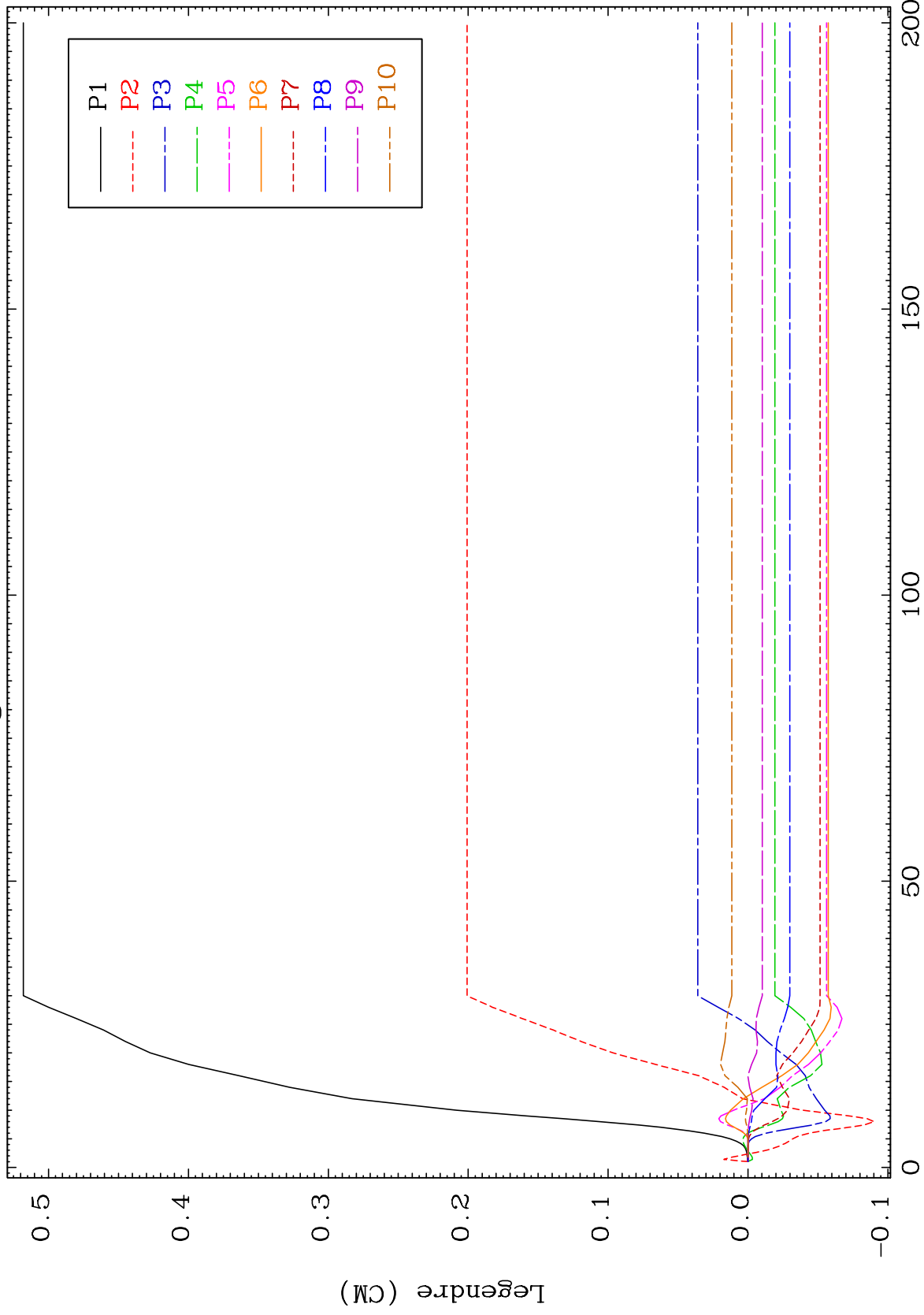




MAT 8058

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

80-Hg-207



69

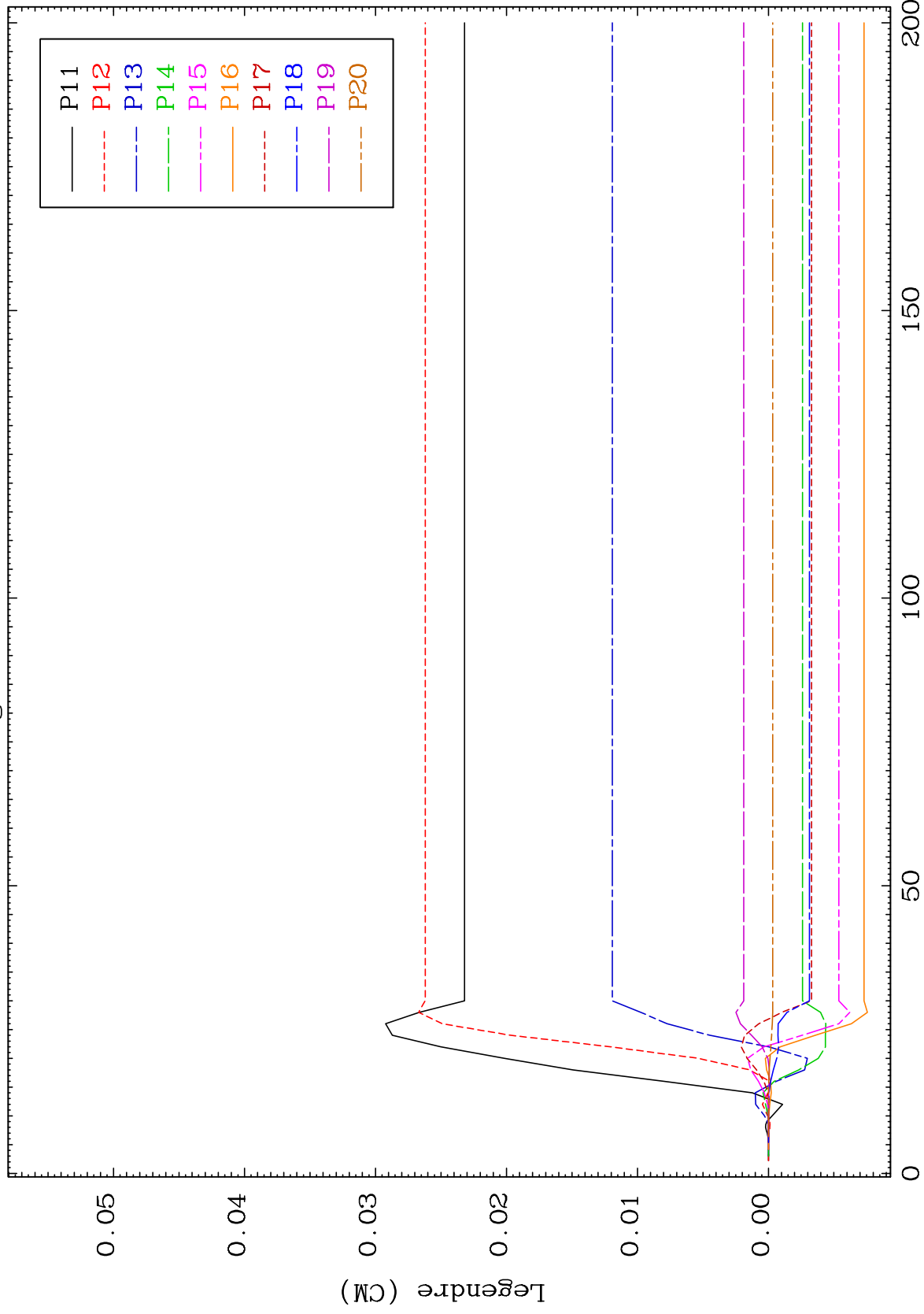
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



70

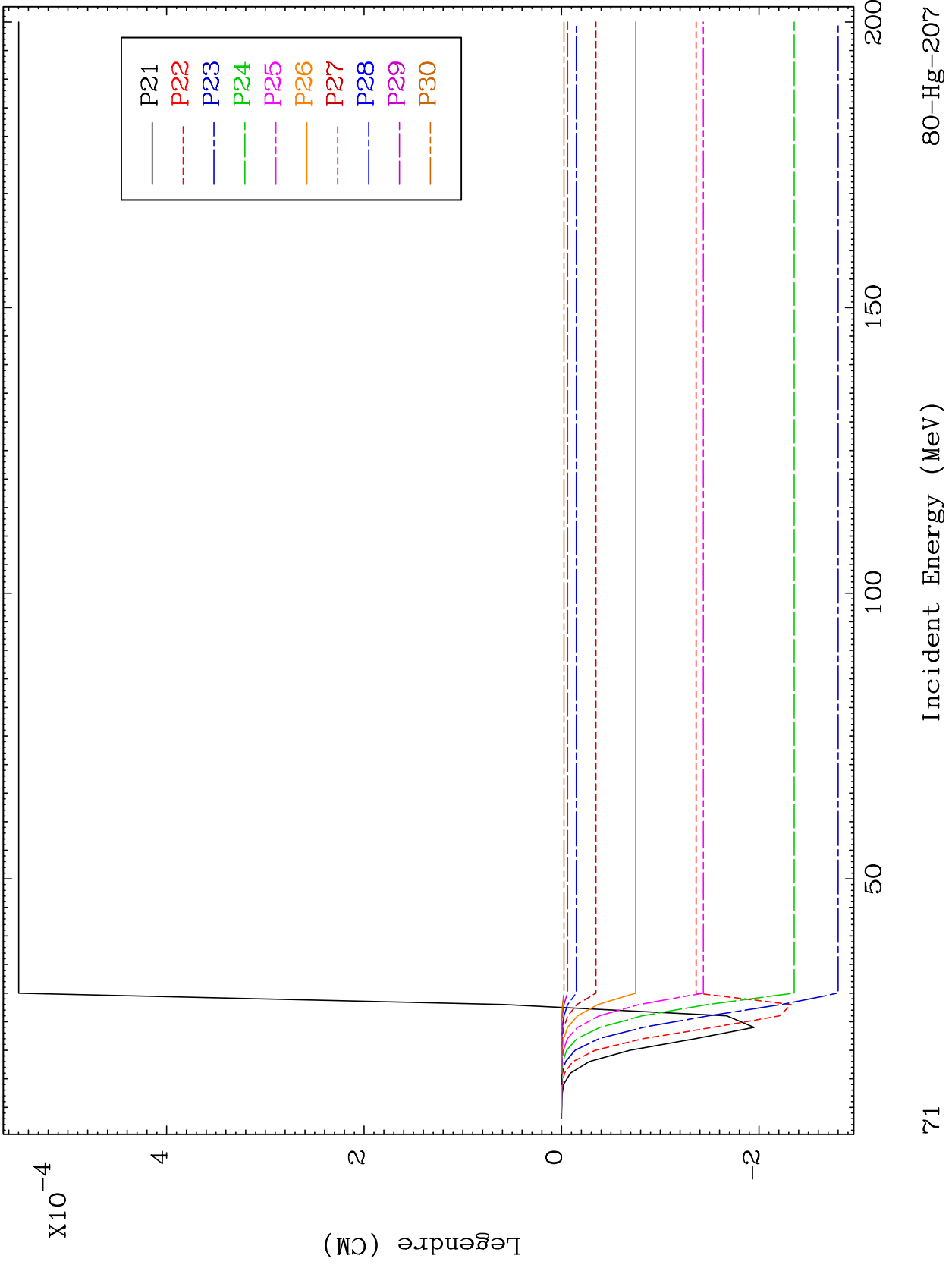
Incident Energy (MeV)

80-Hg-207

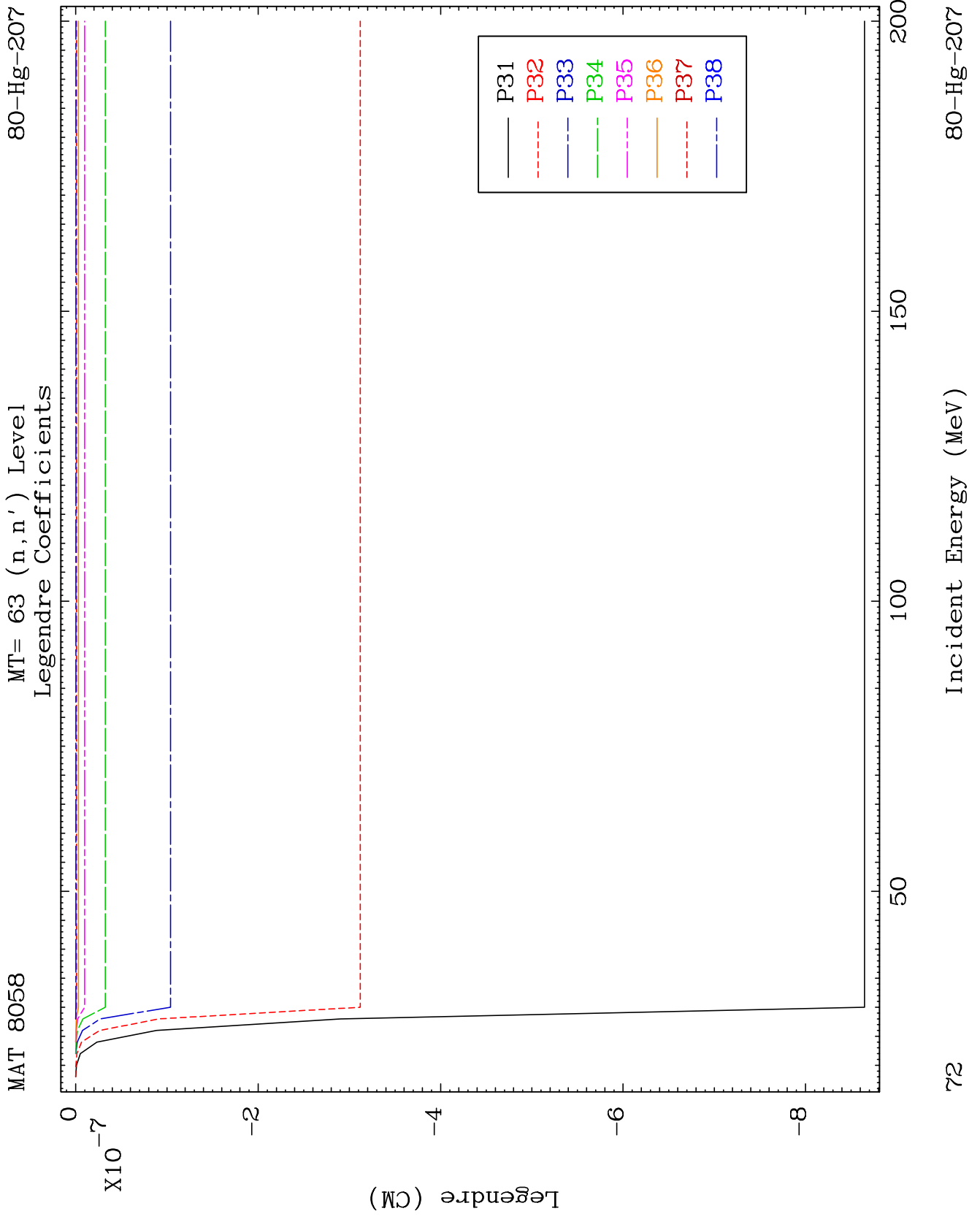
MAT 8058

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

80-Hg-207



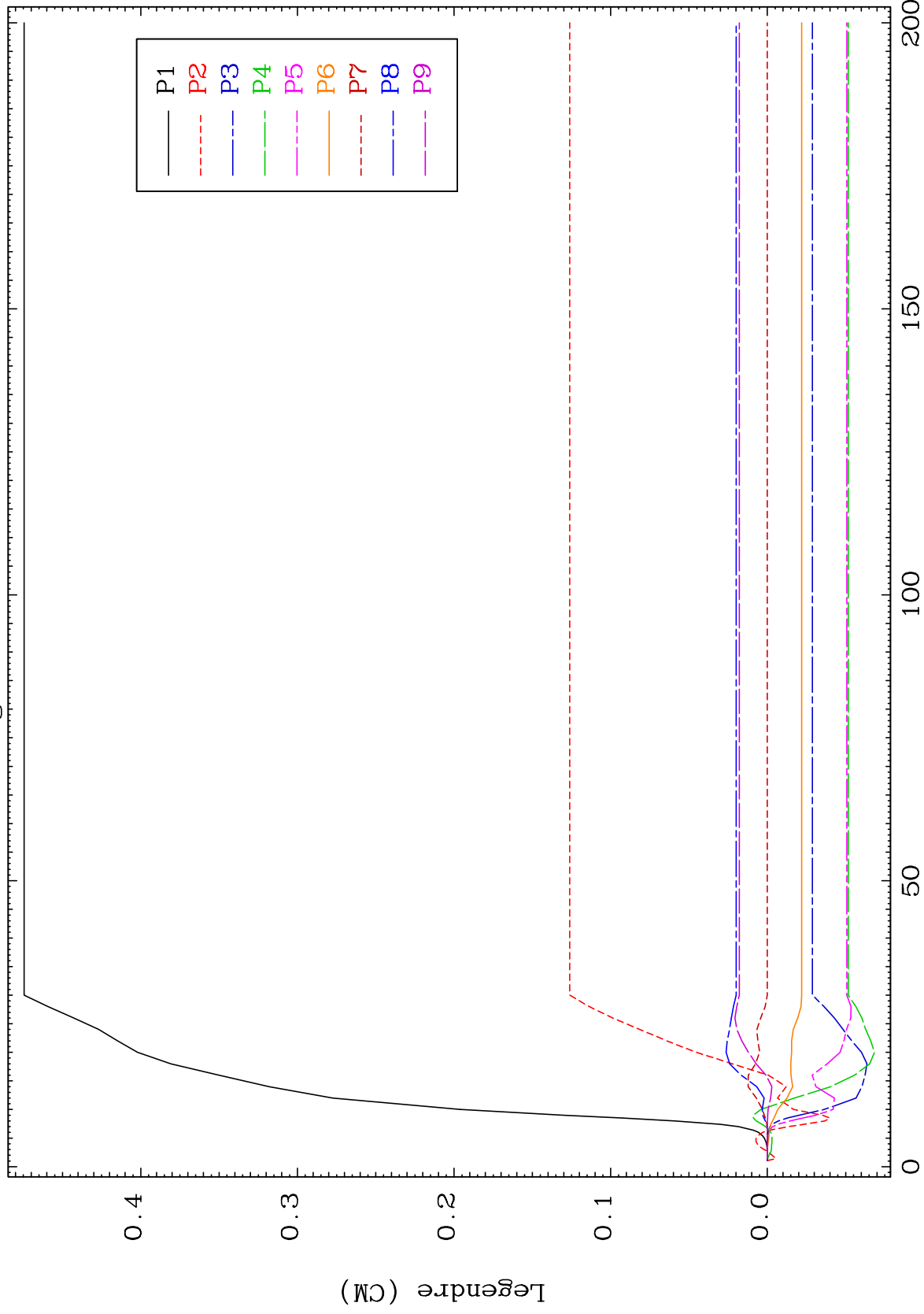




MAT 8058

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

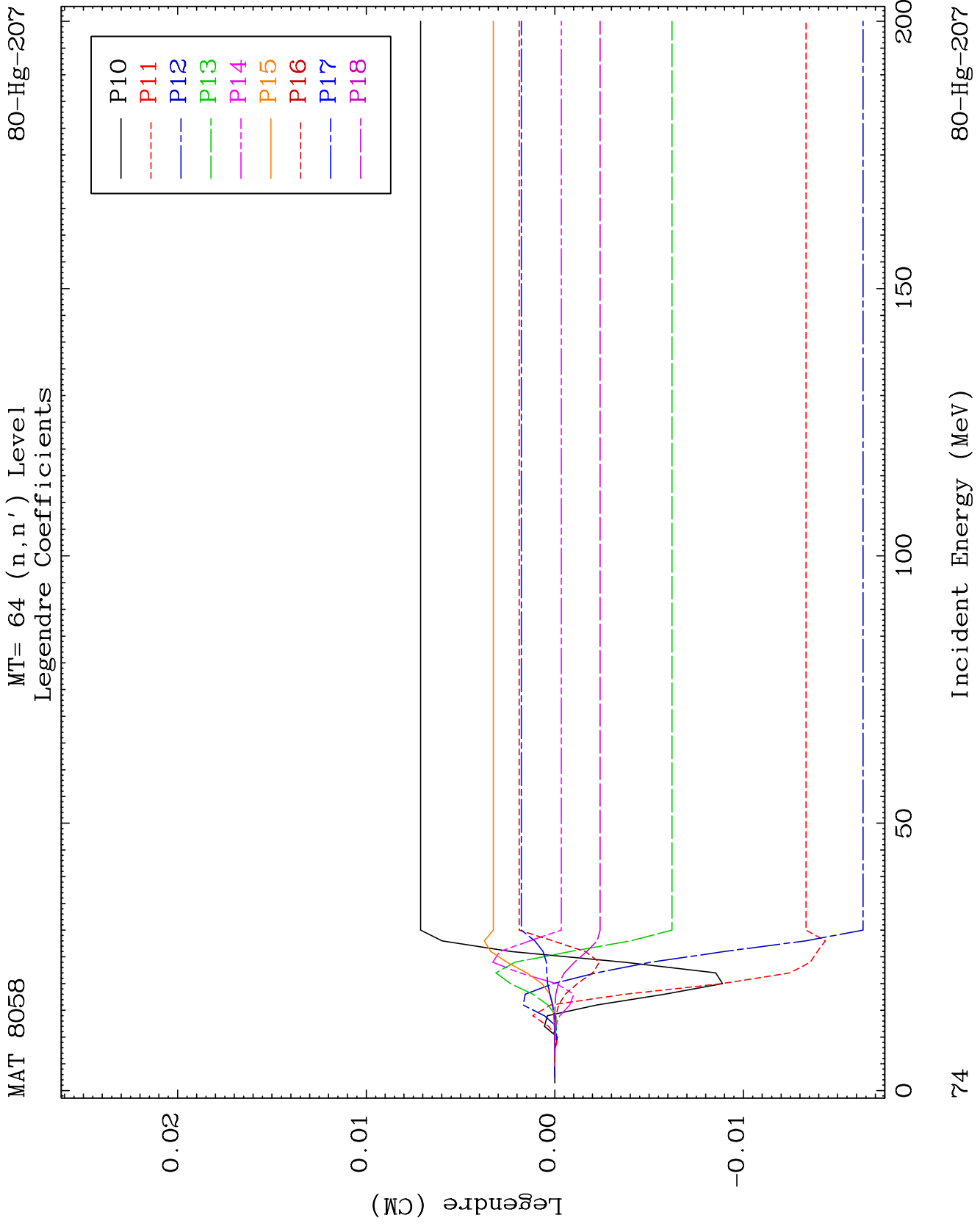
80-Hg-207



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Incident Energy (MeV)

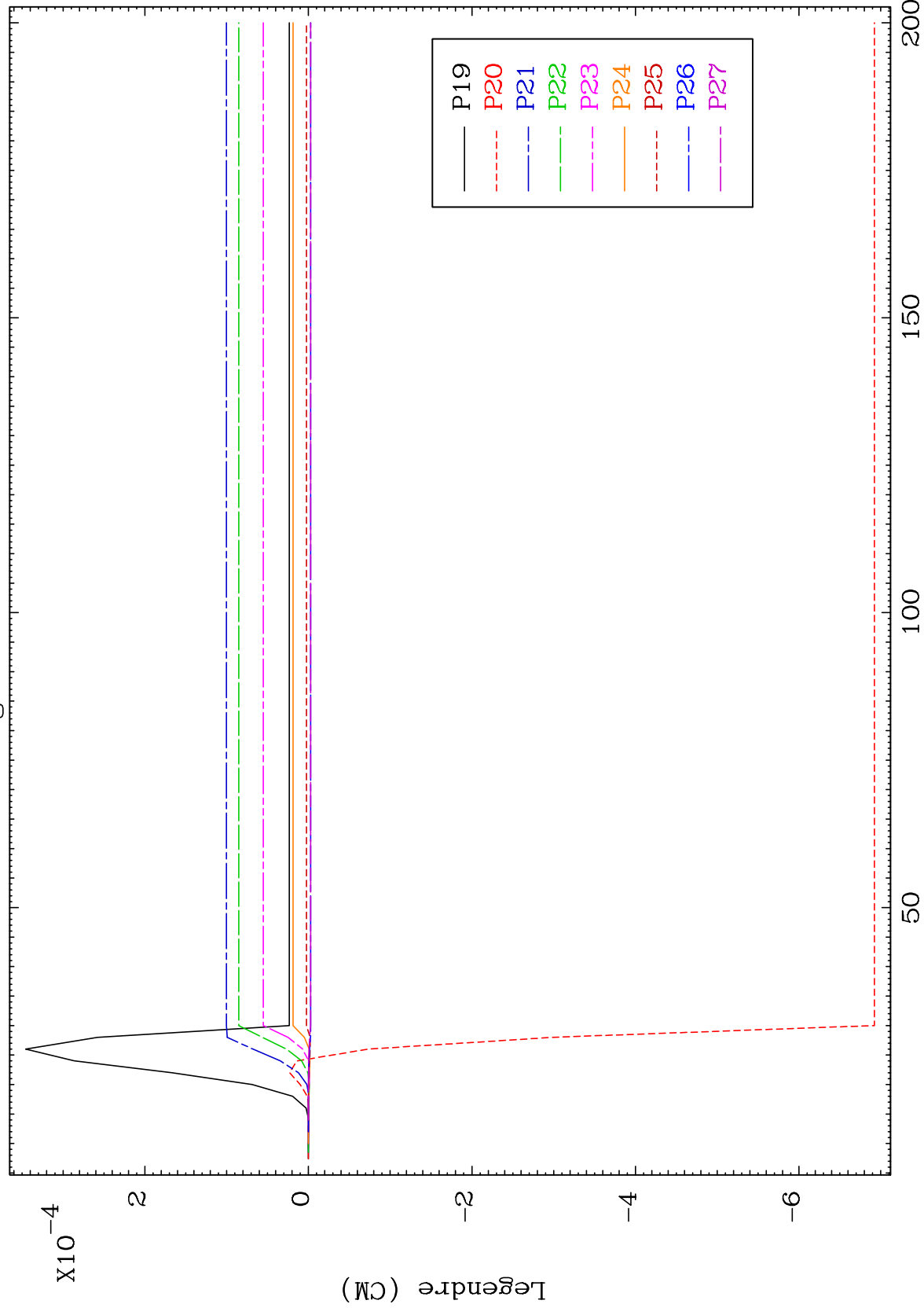
80-Hg-207



MAT 8058

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

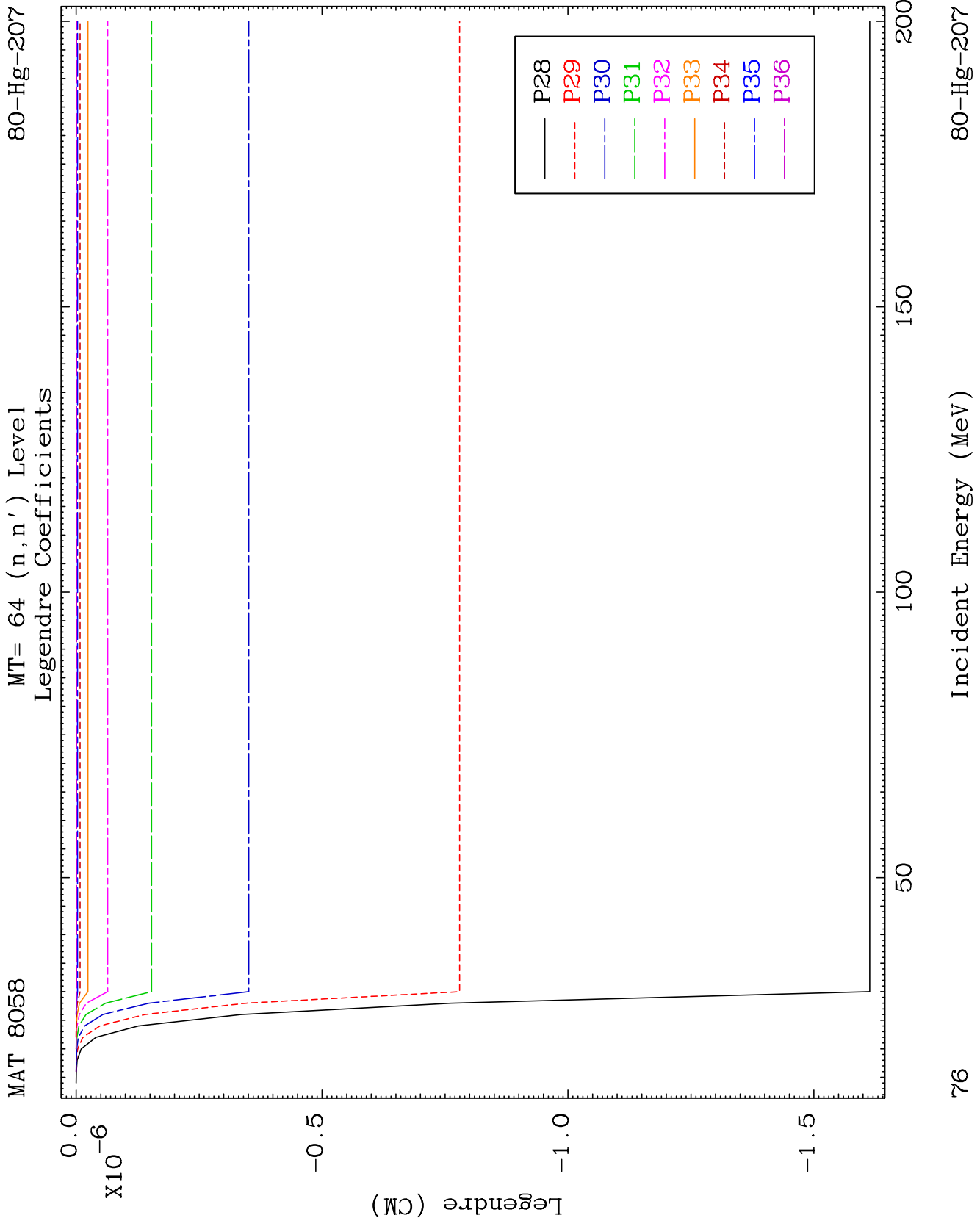
80-Hg-207



75

Incident Energy (MeV)

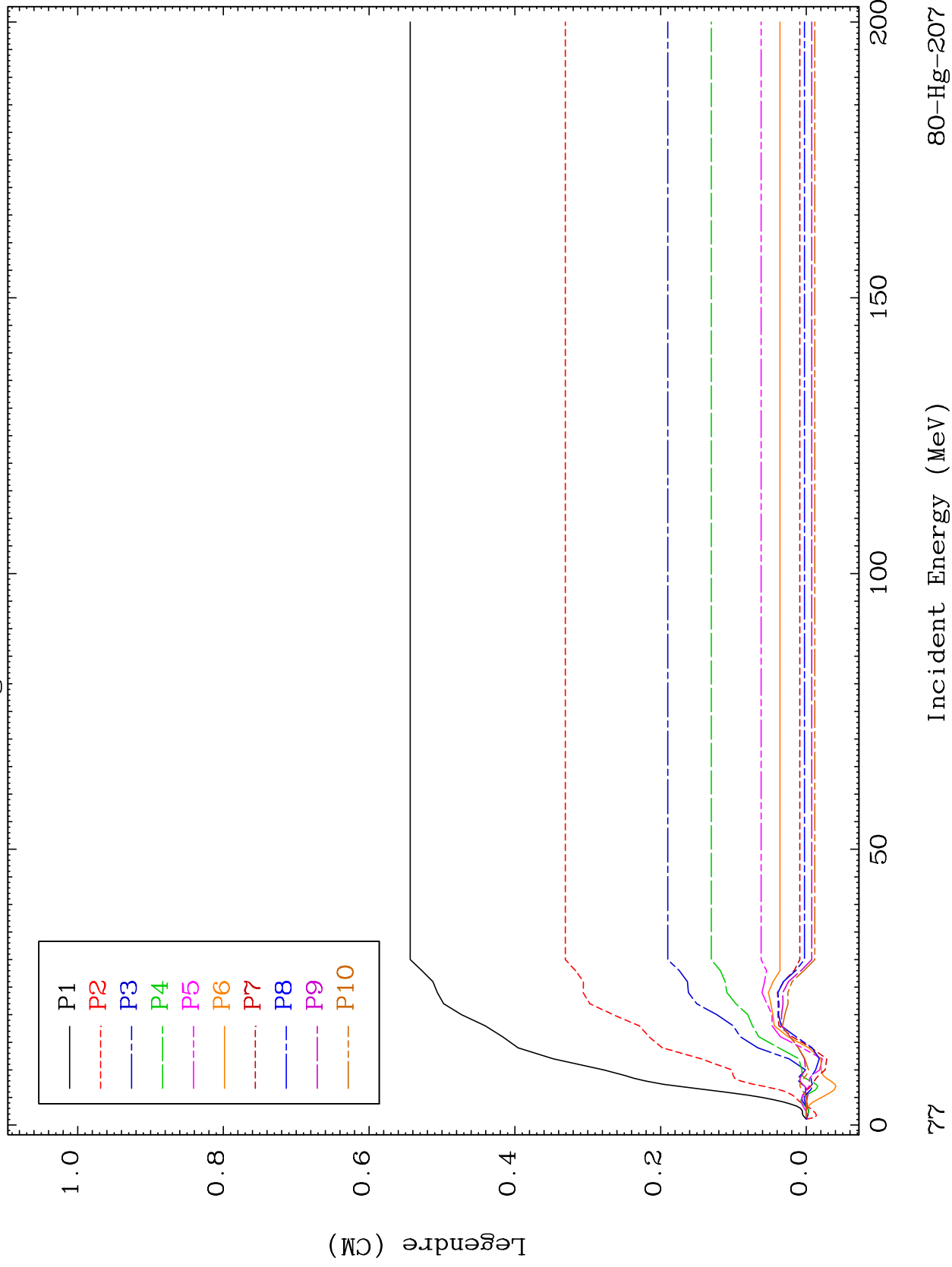
80-Hg-207



MAT 8058

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

80-Hg-207

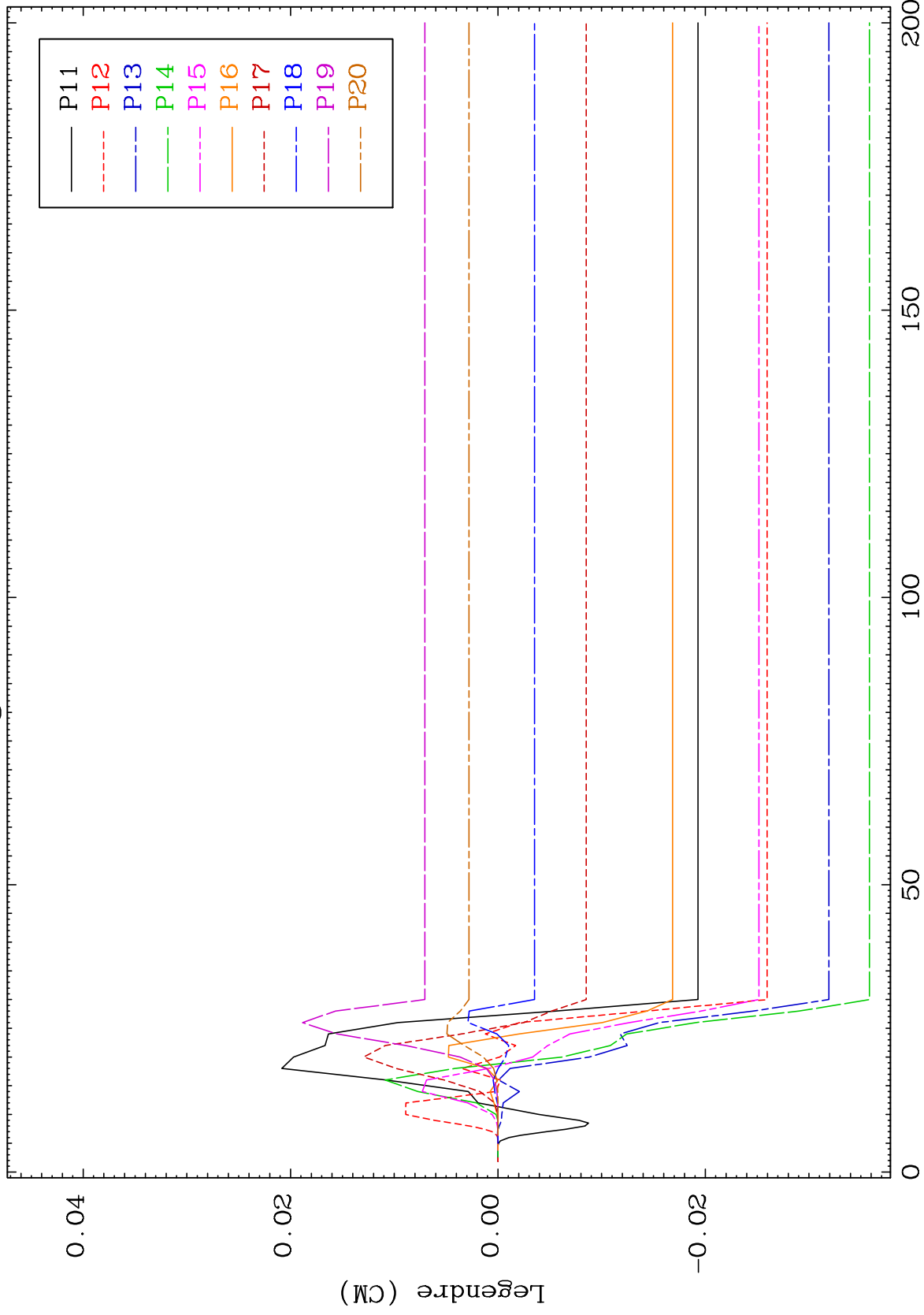


77

MAT 8058

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

80-Hg-207



78

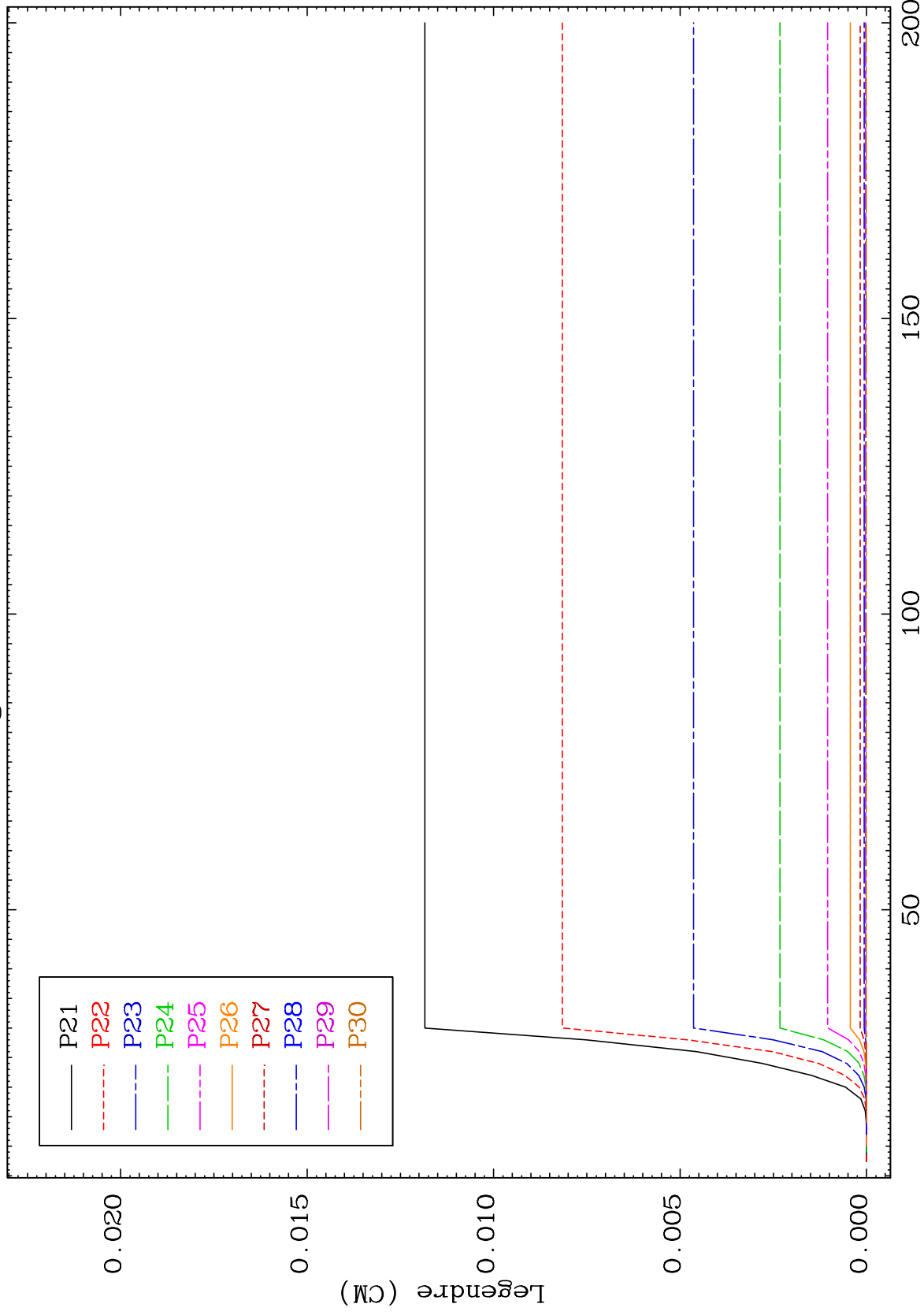
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



79

Incident Energy (MeV)

80-Hg-207

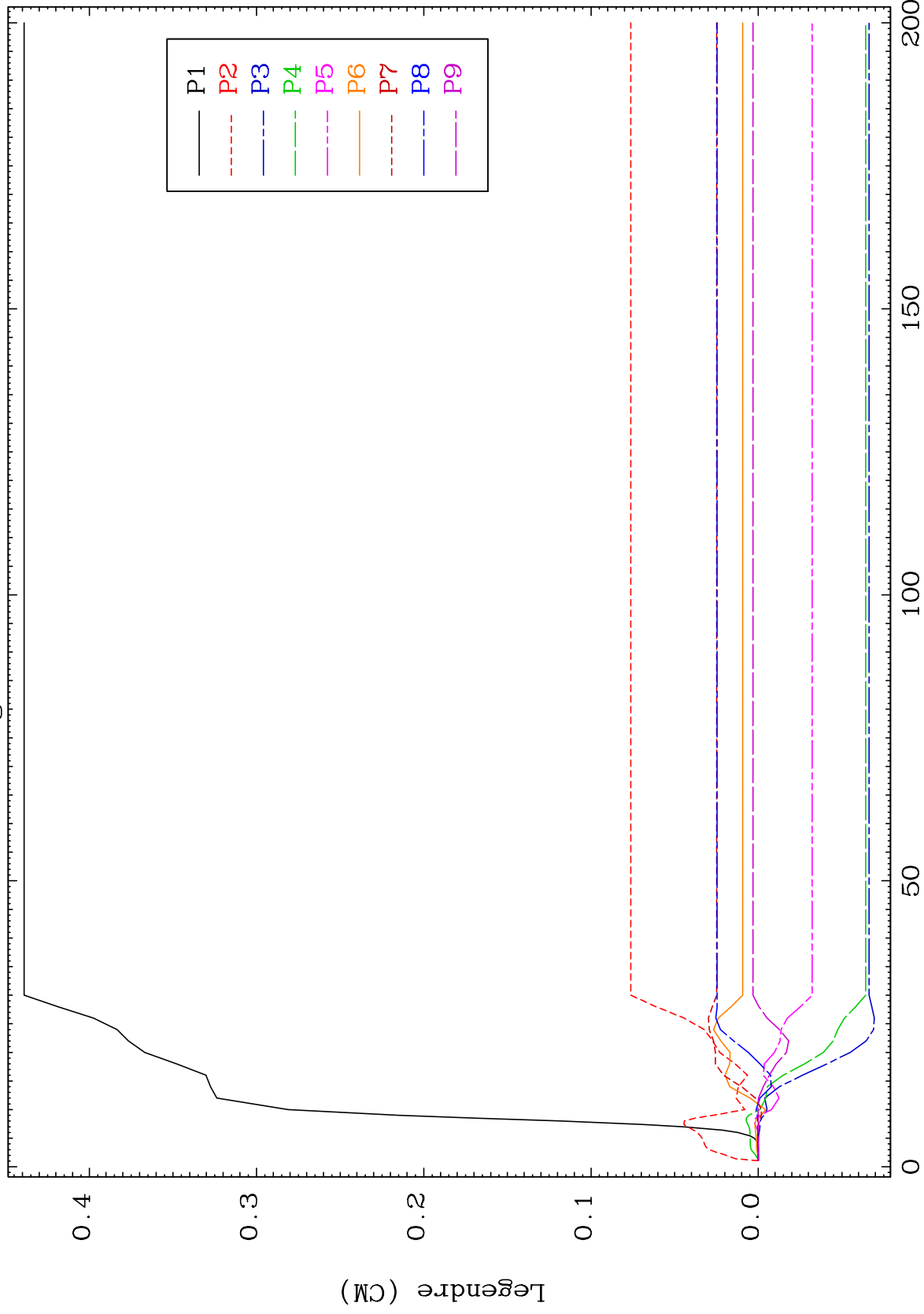




MAT 8058

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

80-Hg-207



81

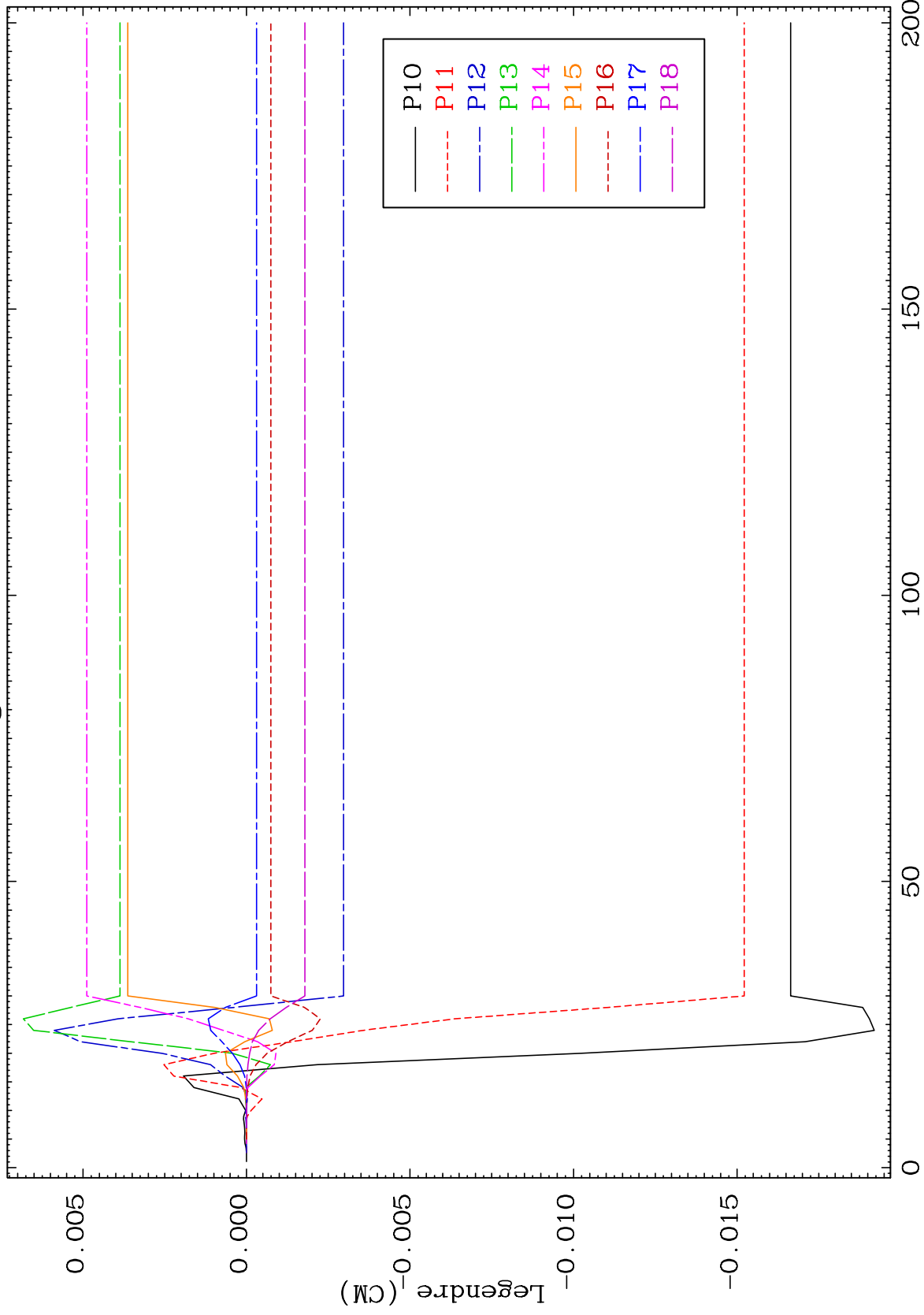
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



82

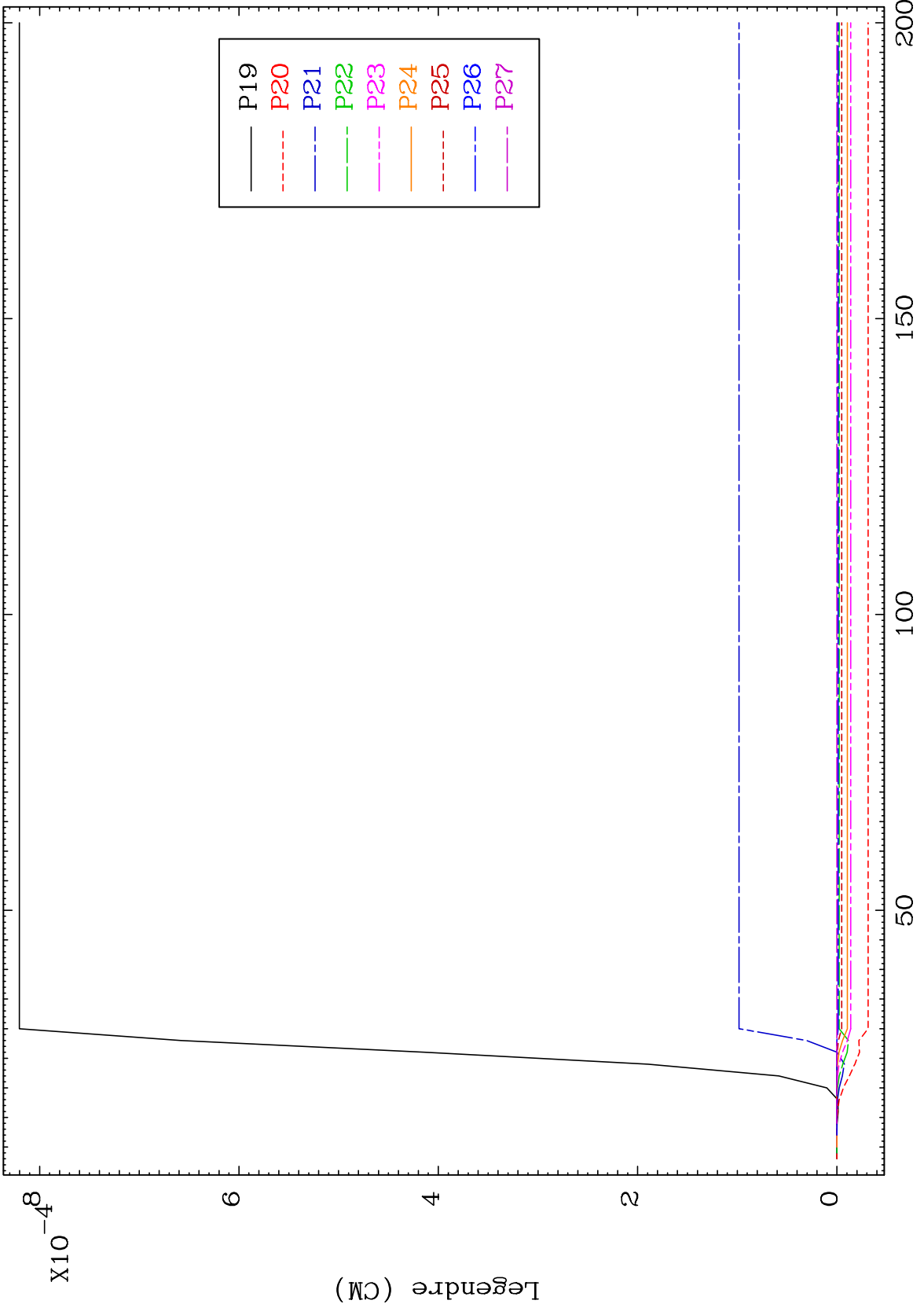
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



83

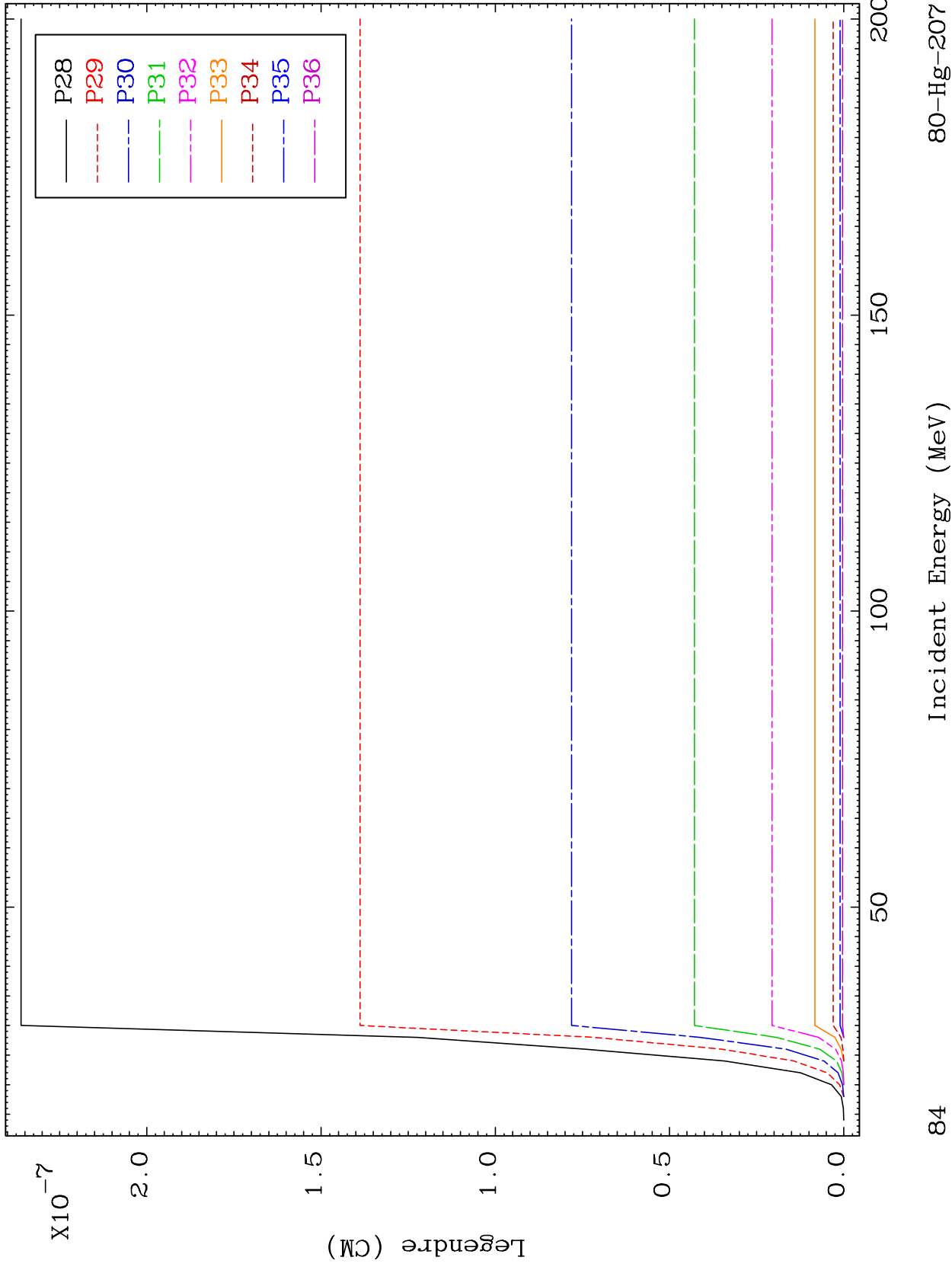
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



84

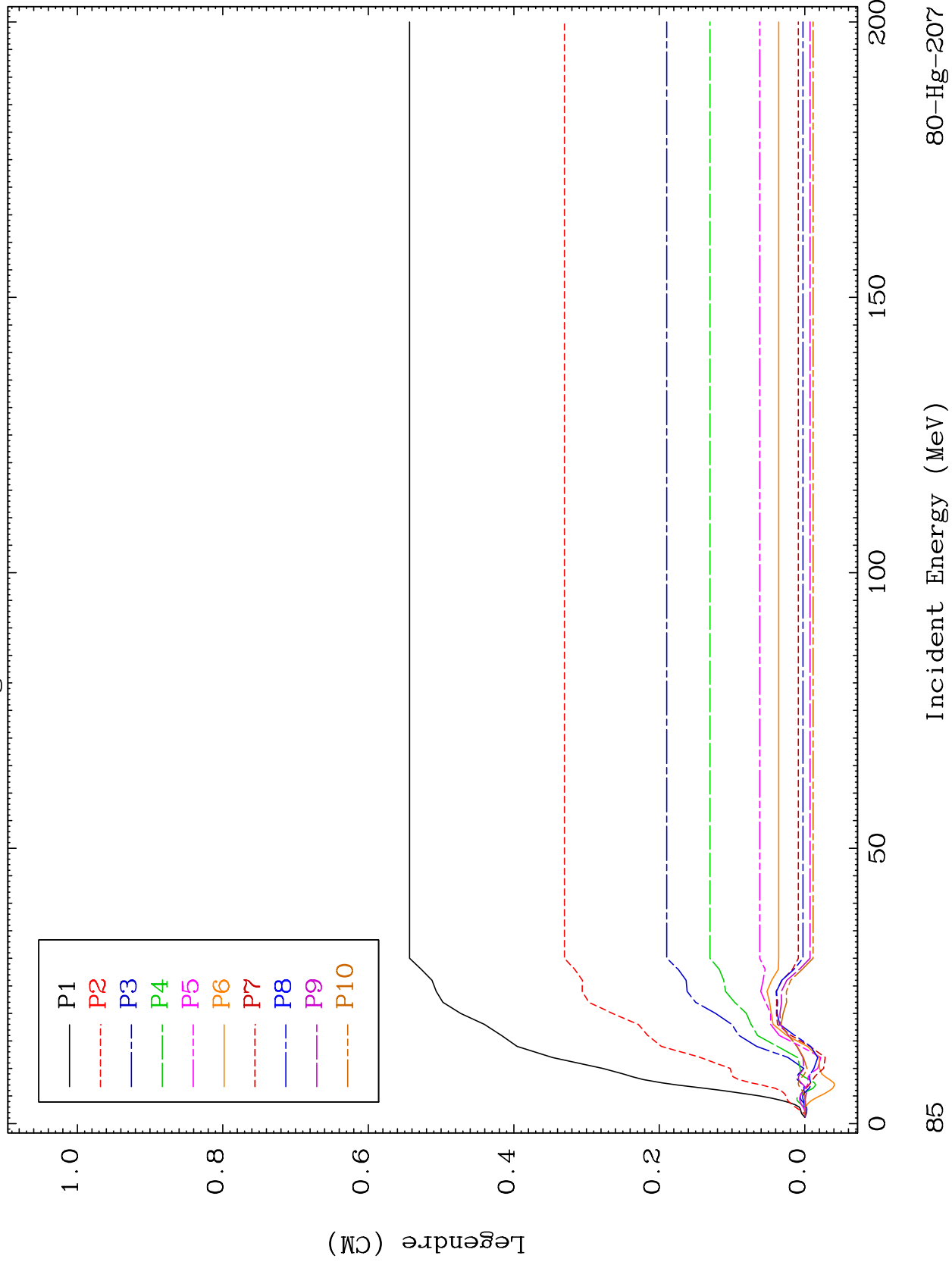
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207

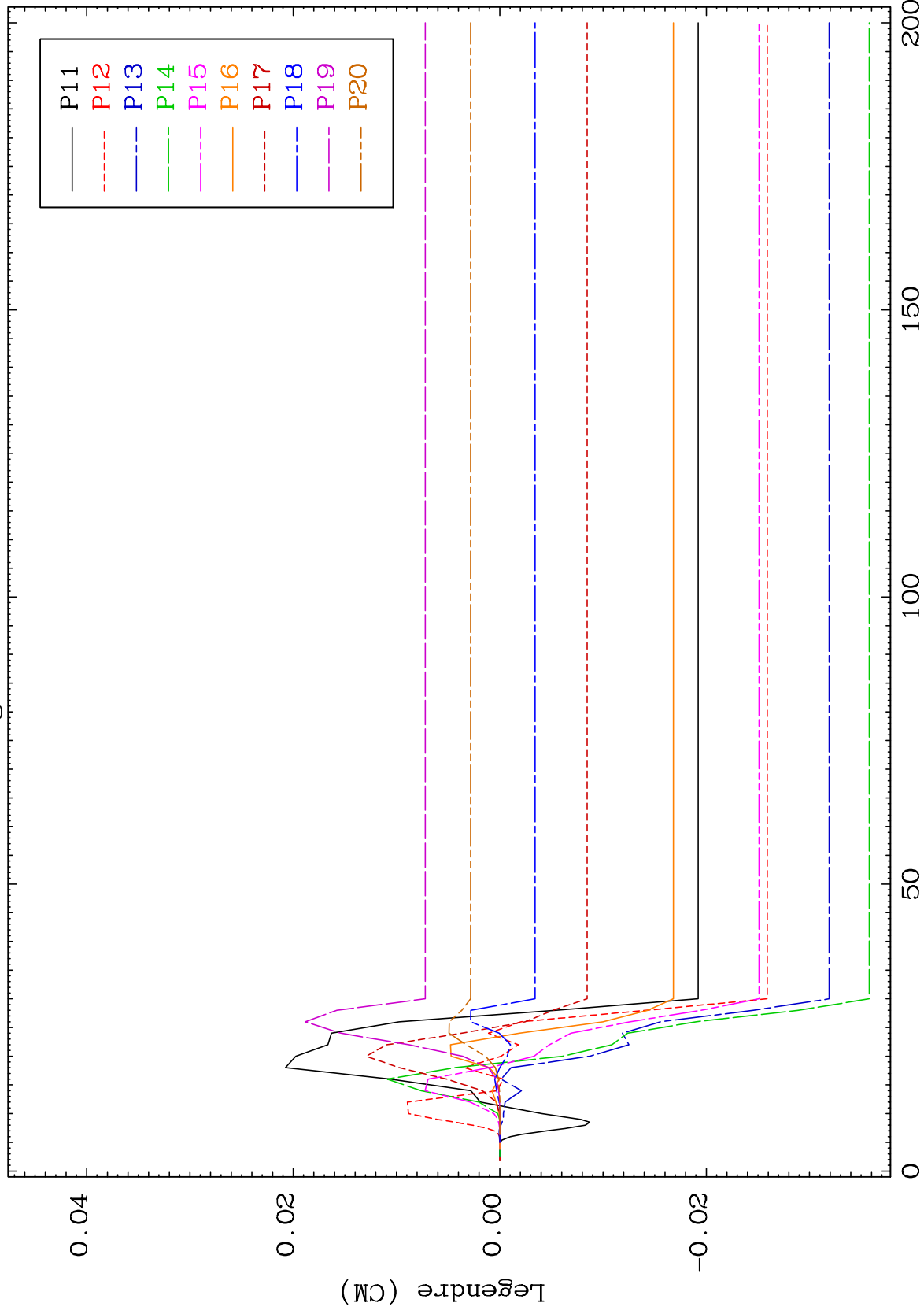


80-Hg-207

MAT 8058

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

80-Hg-207



86

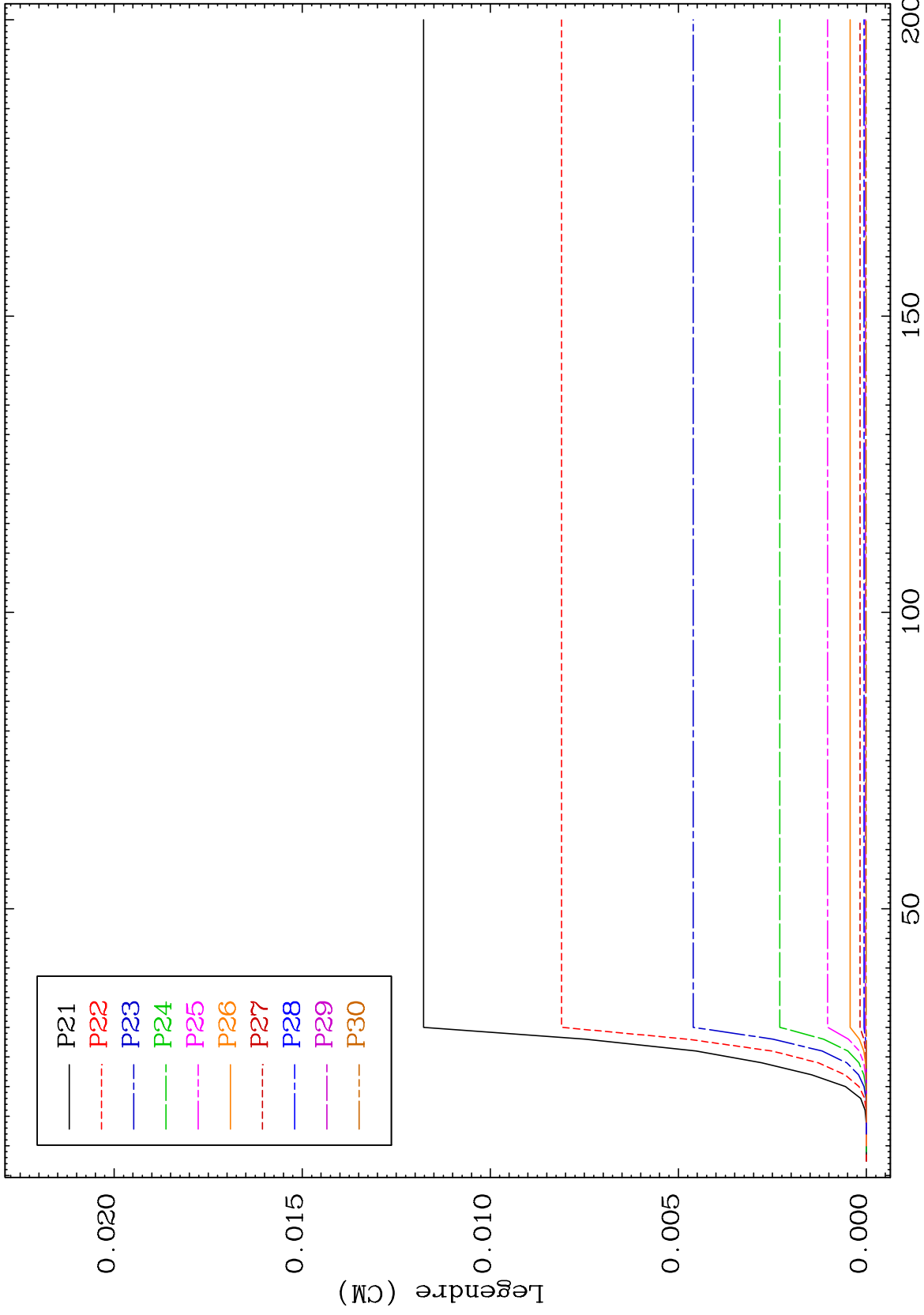
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207

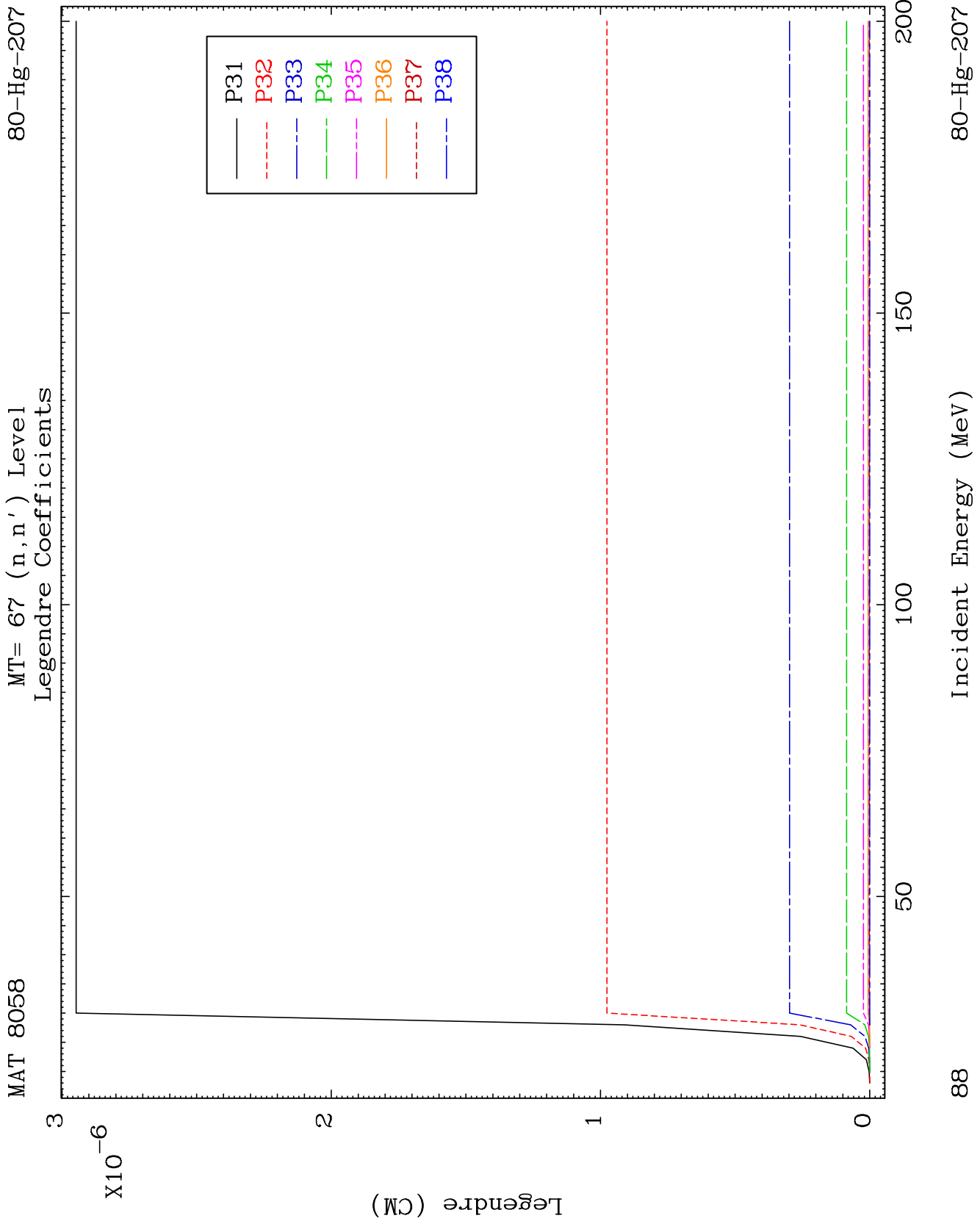


87

Incident Energy (MeV)

80-Hg-207

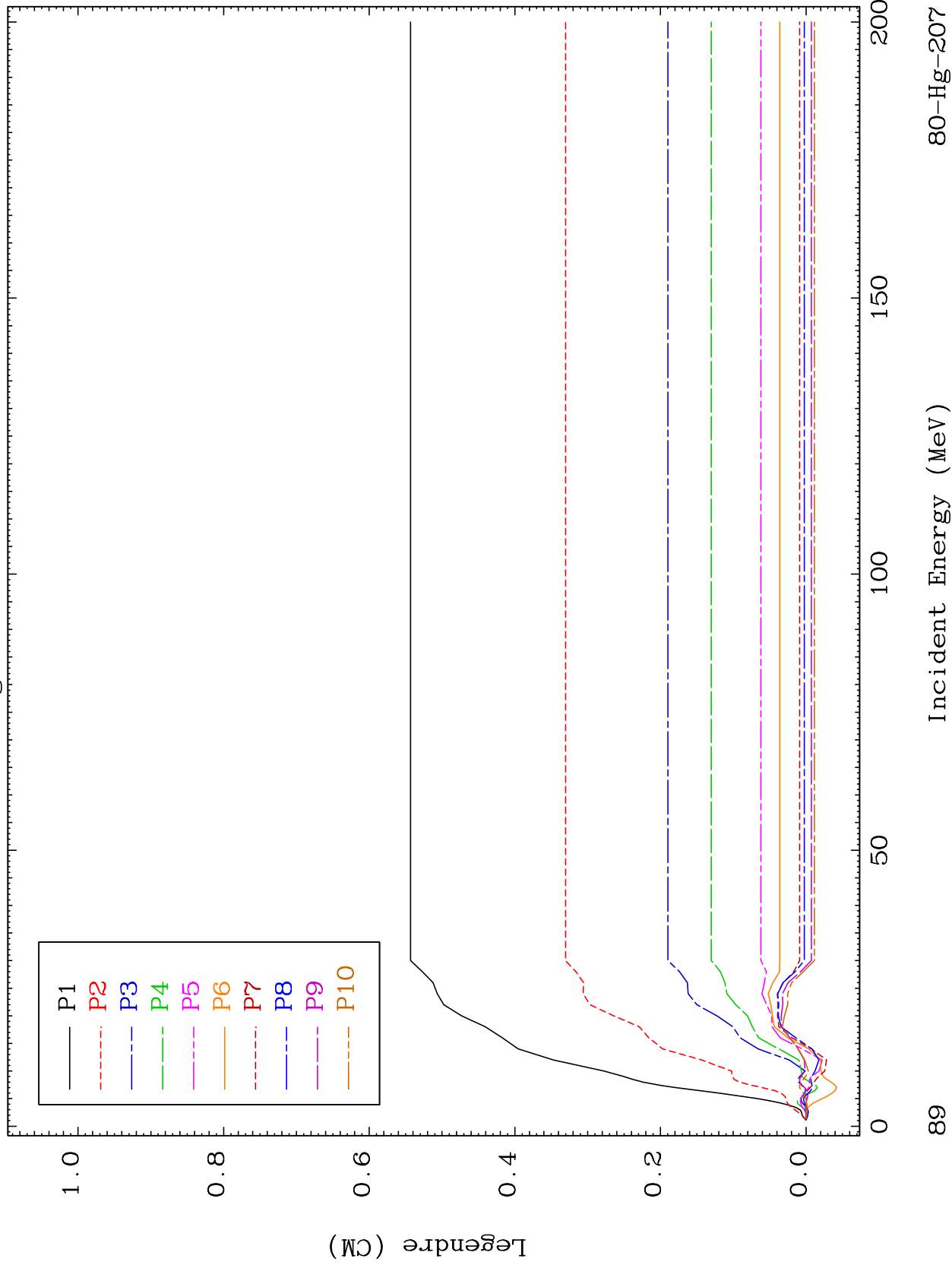




MAT 8058

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

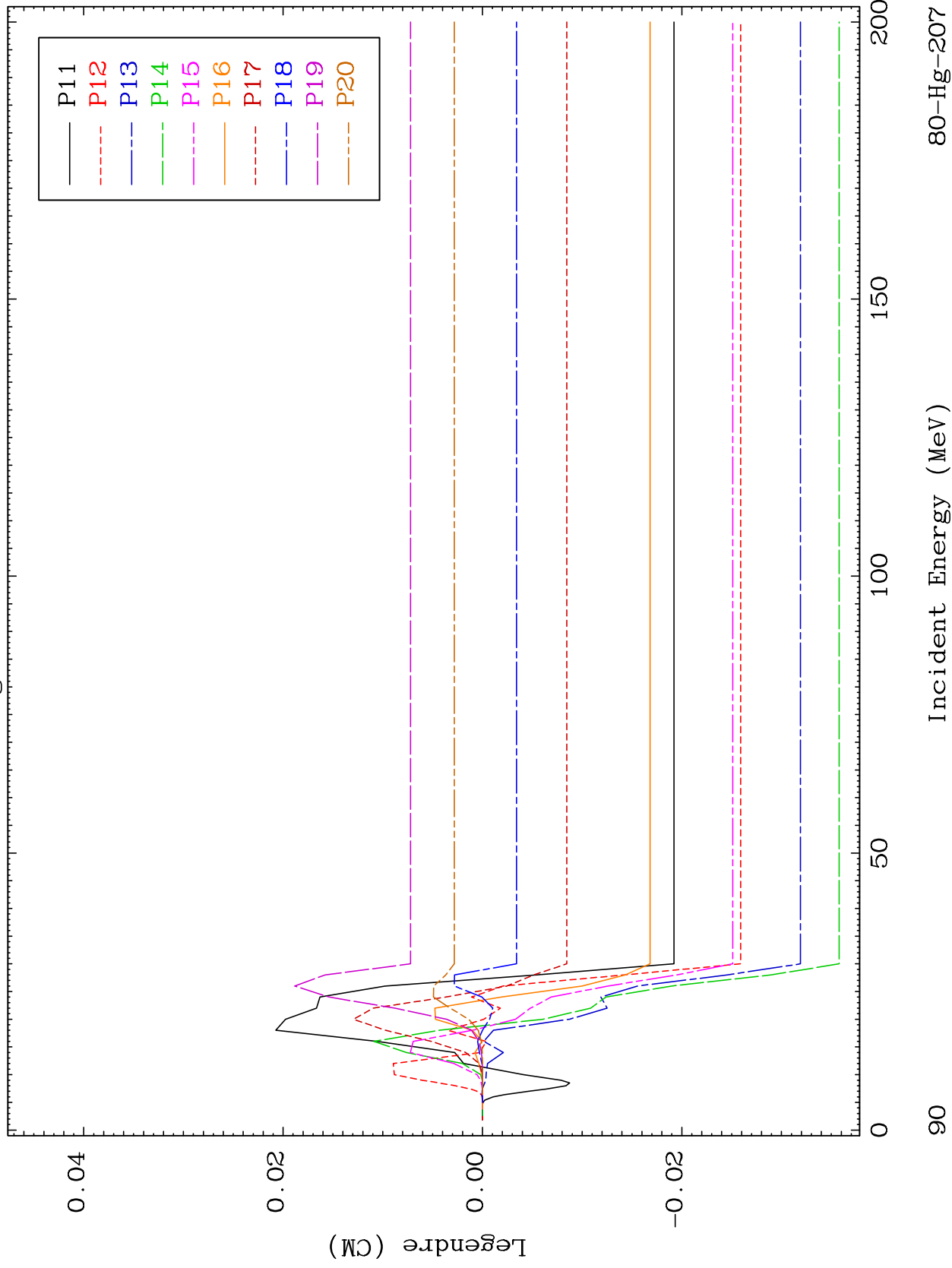
80-Hg-207



MAT 8058

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

80-Hg-207



80-Hg-207

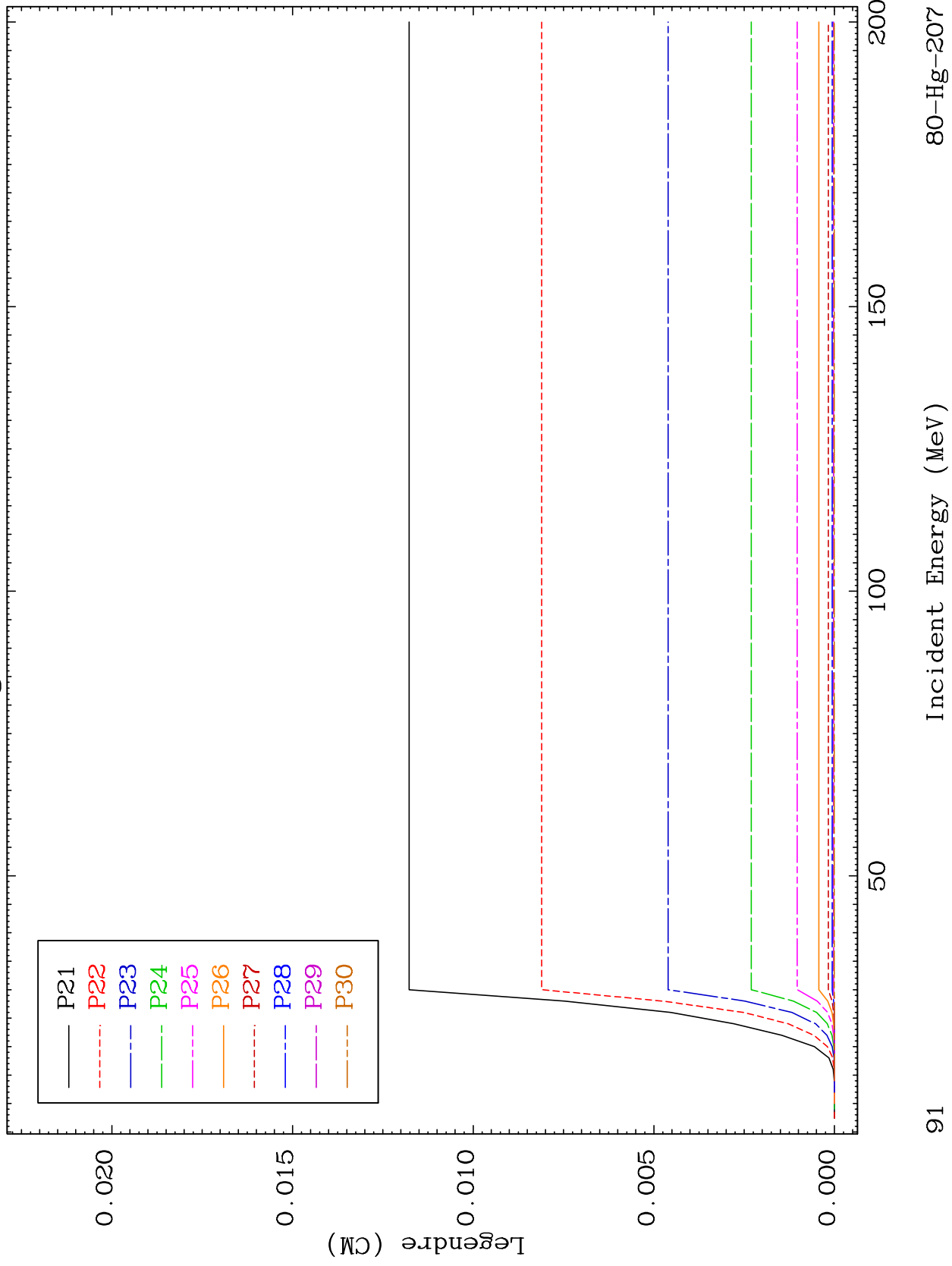
Incident Energy (MeV)

90

MAT 8058

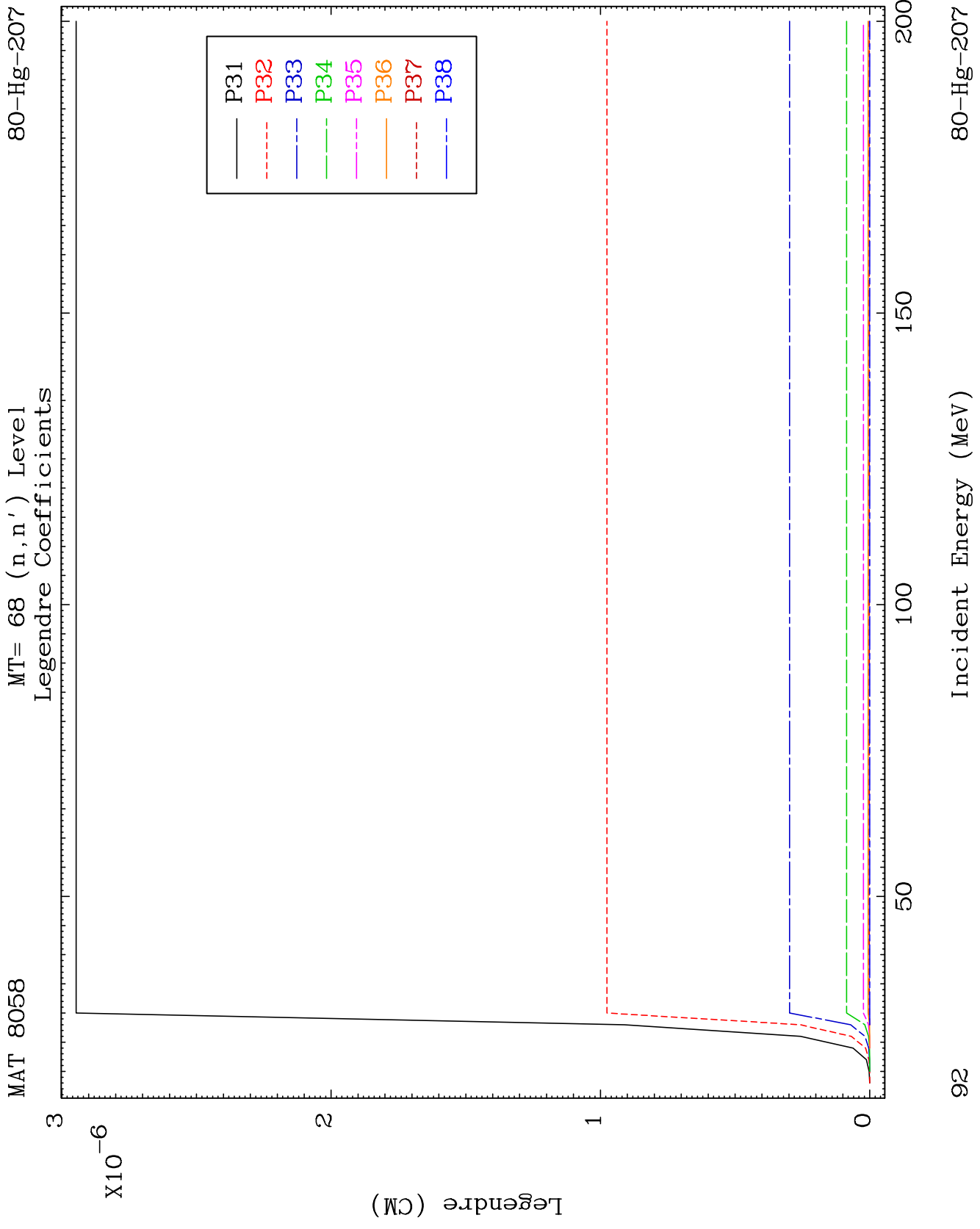
MT= 68 (n,n') Level  
Legendre Coefficients

80-Hg-207



91

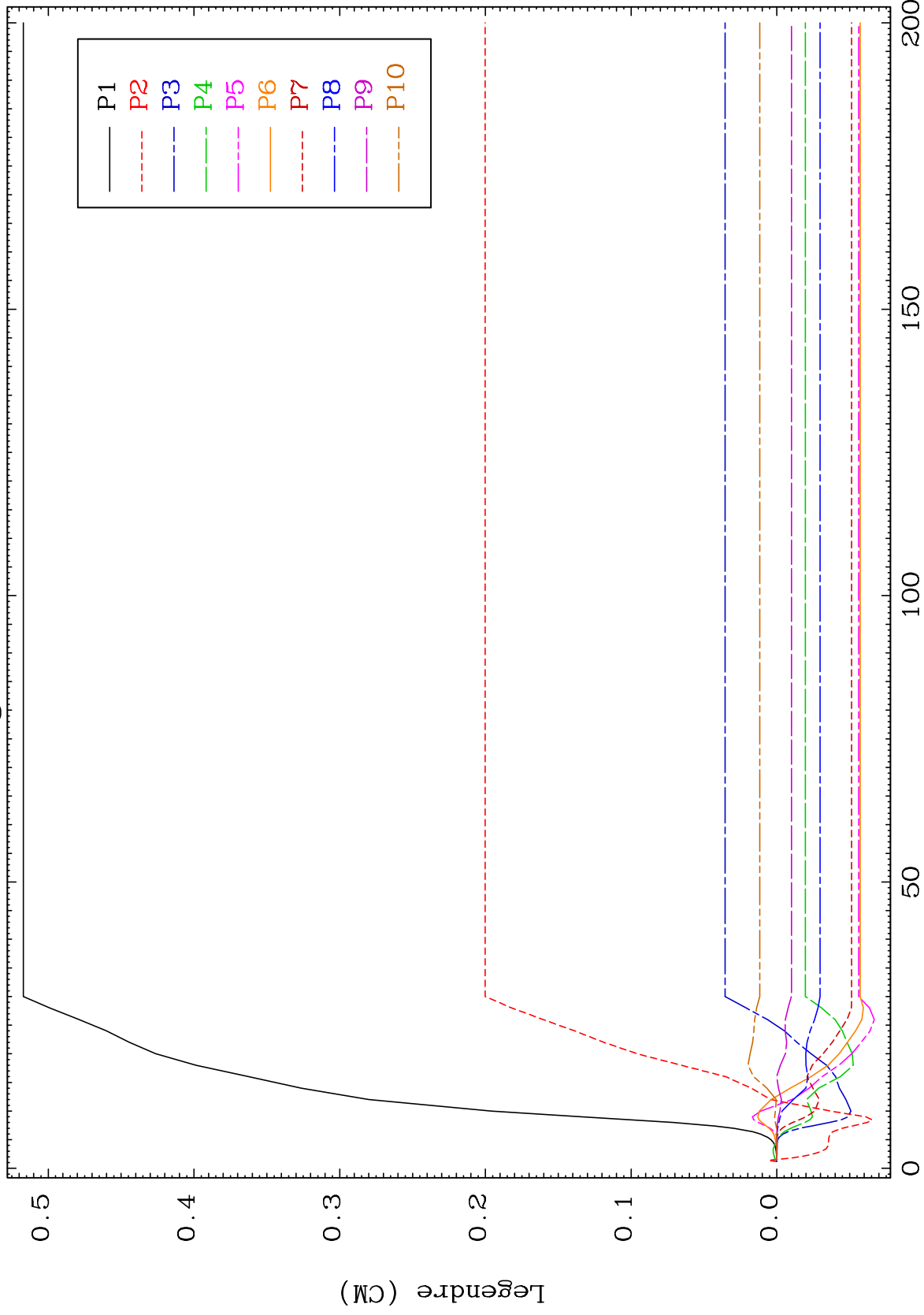
80-Hg-207



MAT 8058

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

80-Hg-207



93

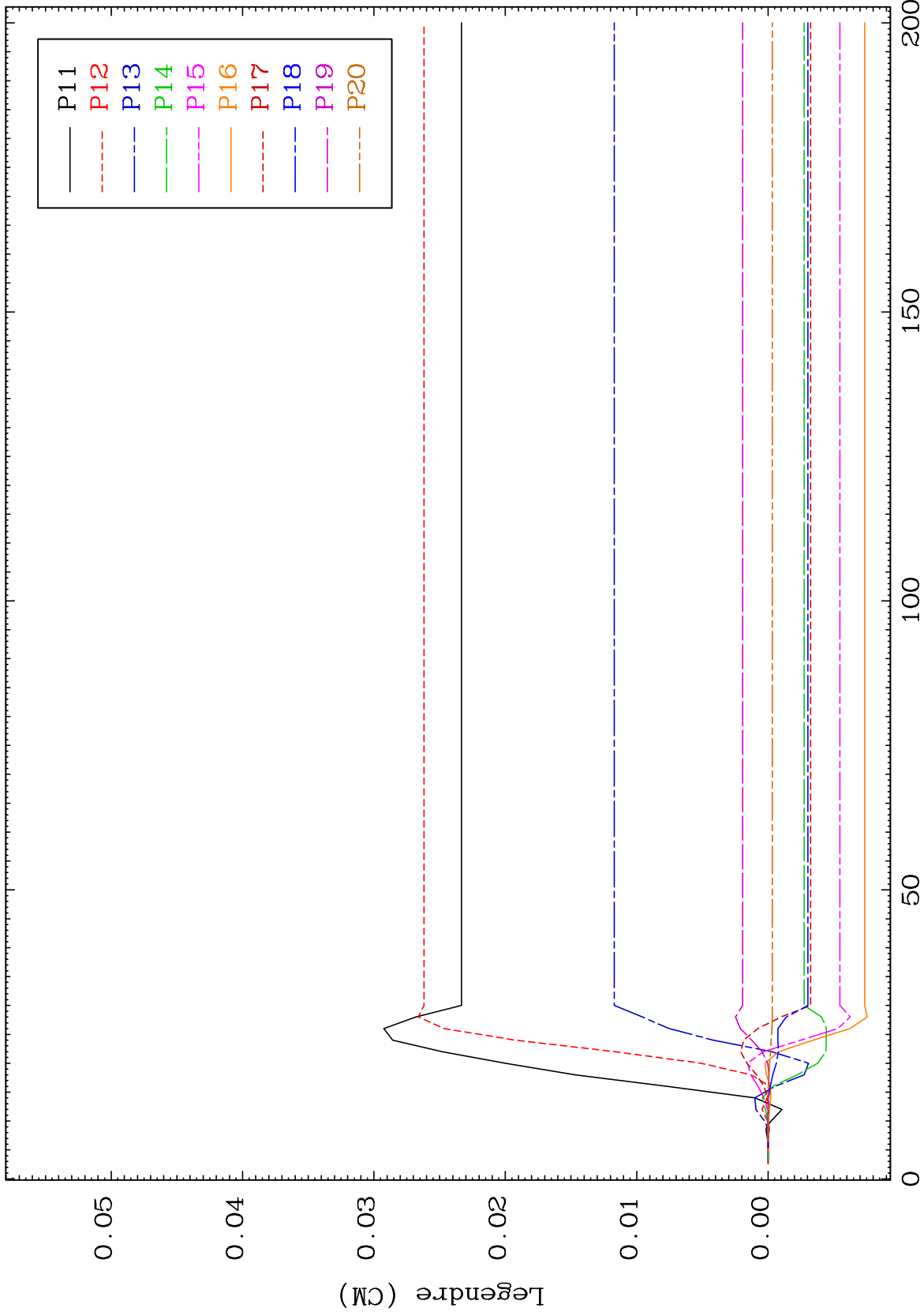
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



94

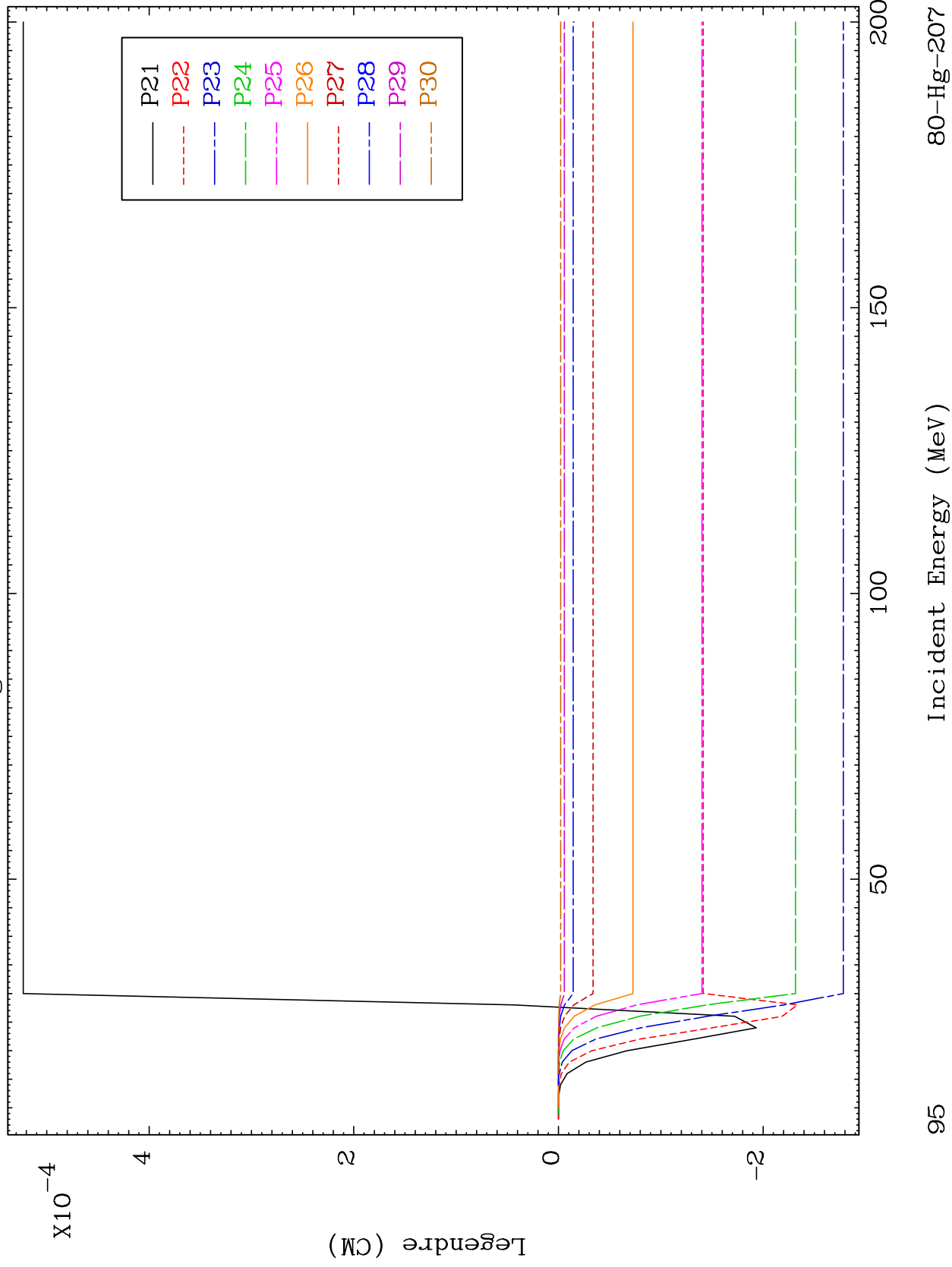
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207

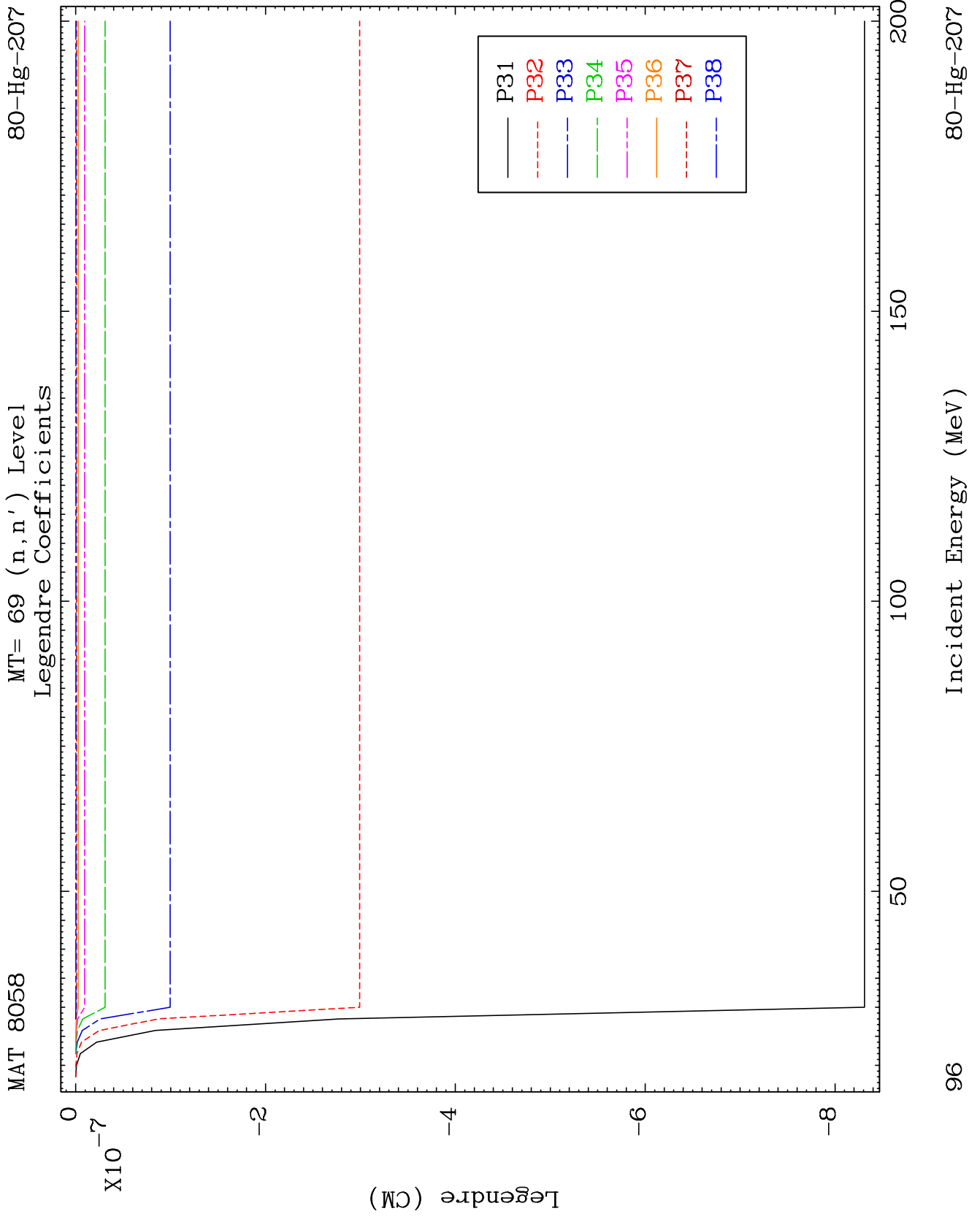


95

Incident Energy (MeV)

80-Hg-207

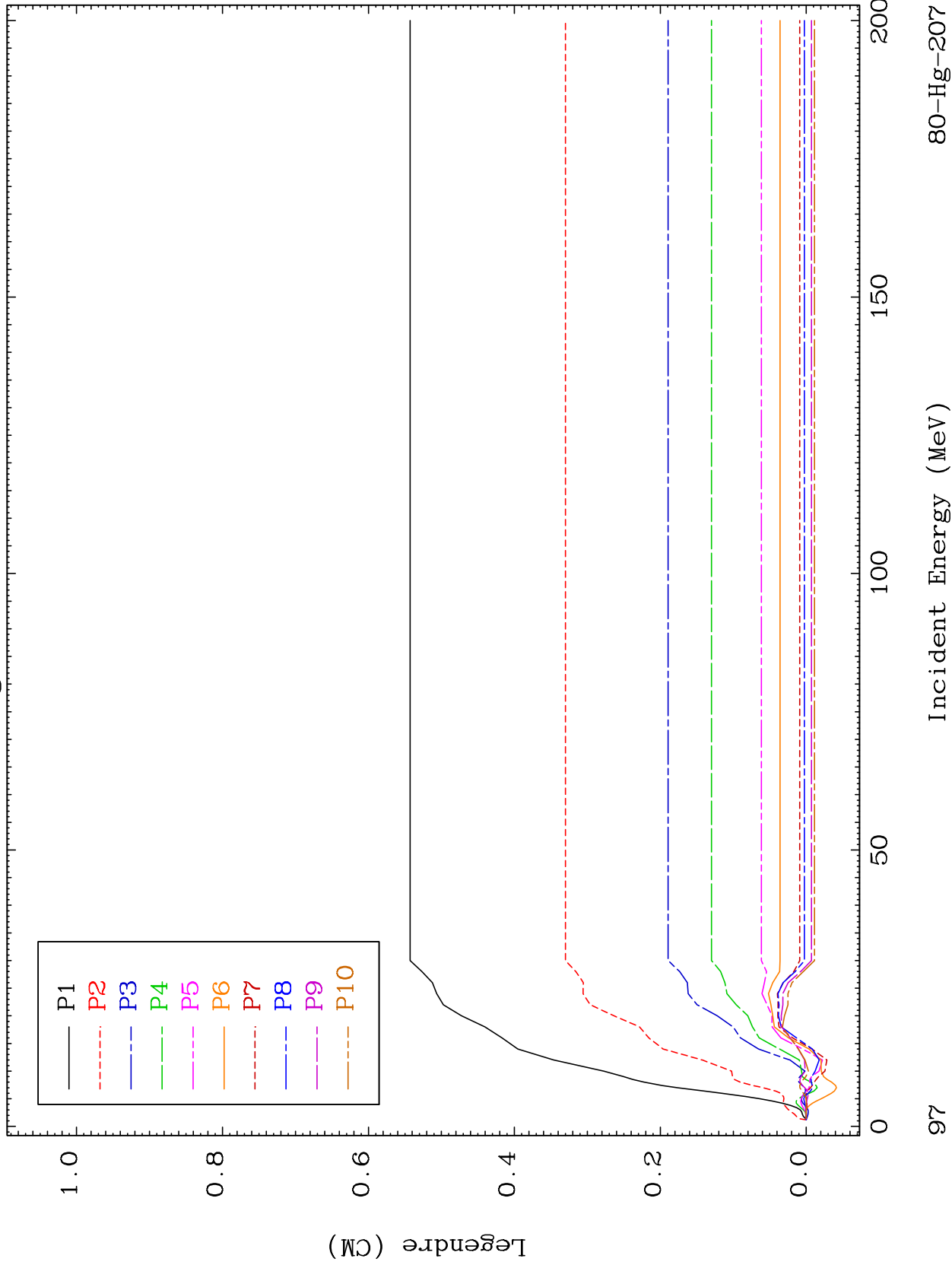




MAT 8058

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

80-Hg-207



97

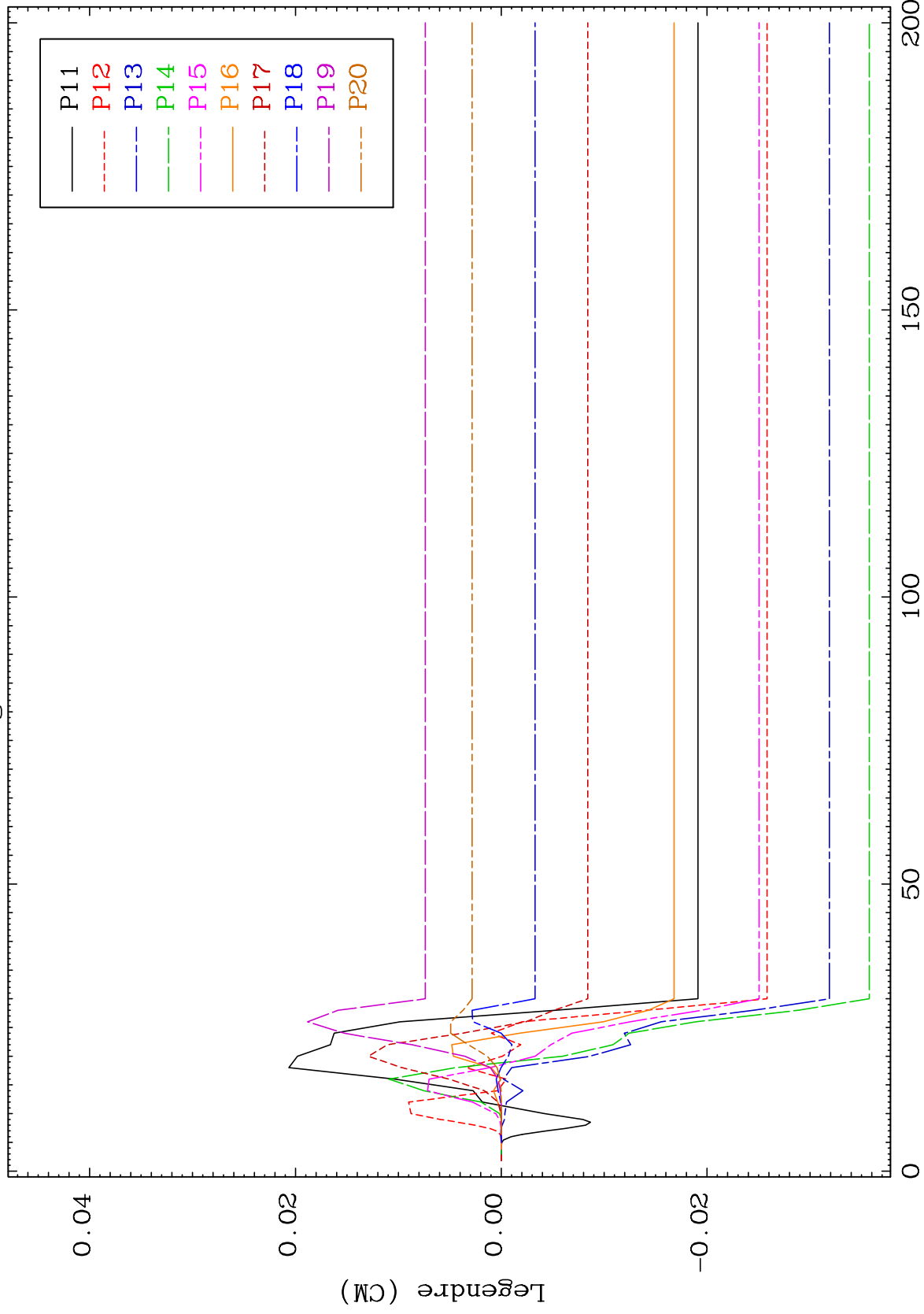
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



98

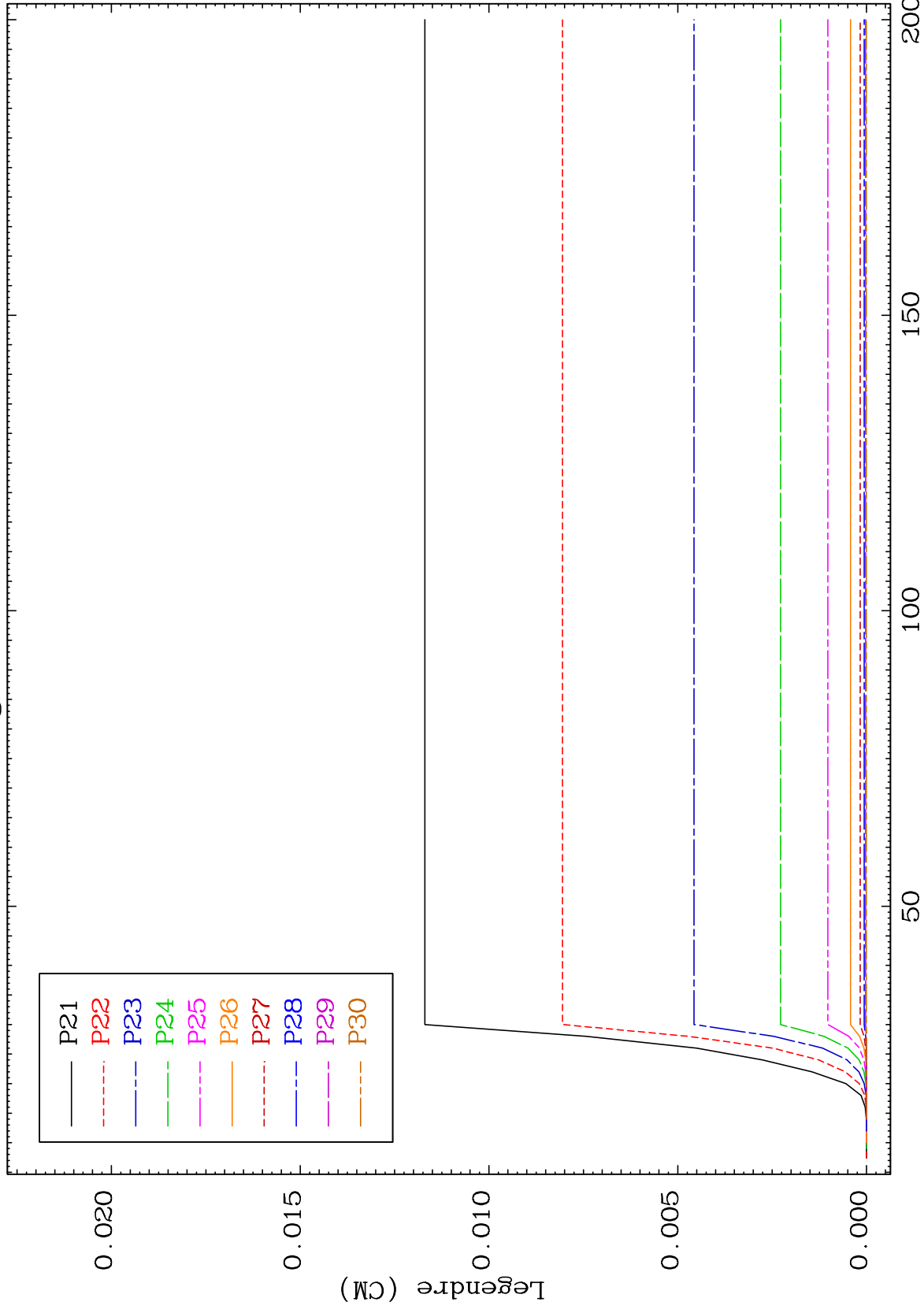
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

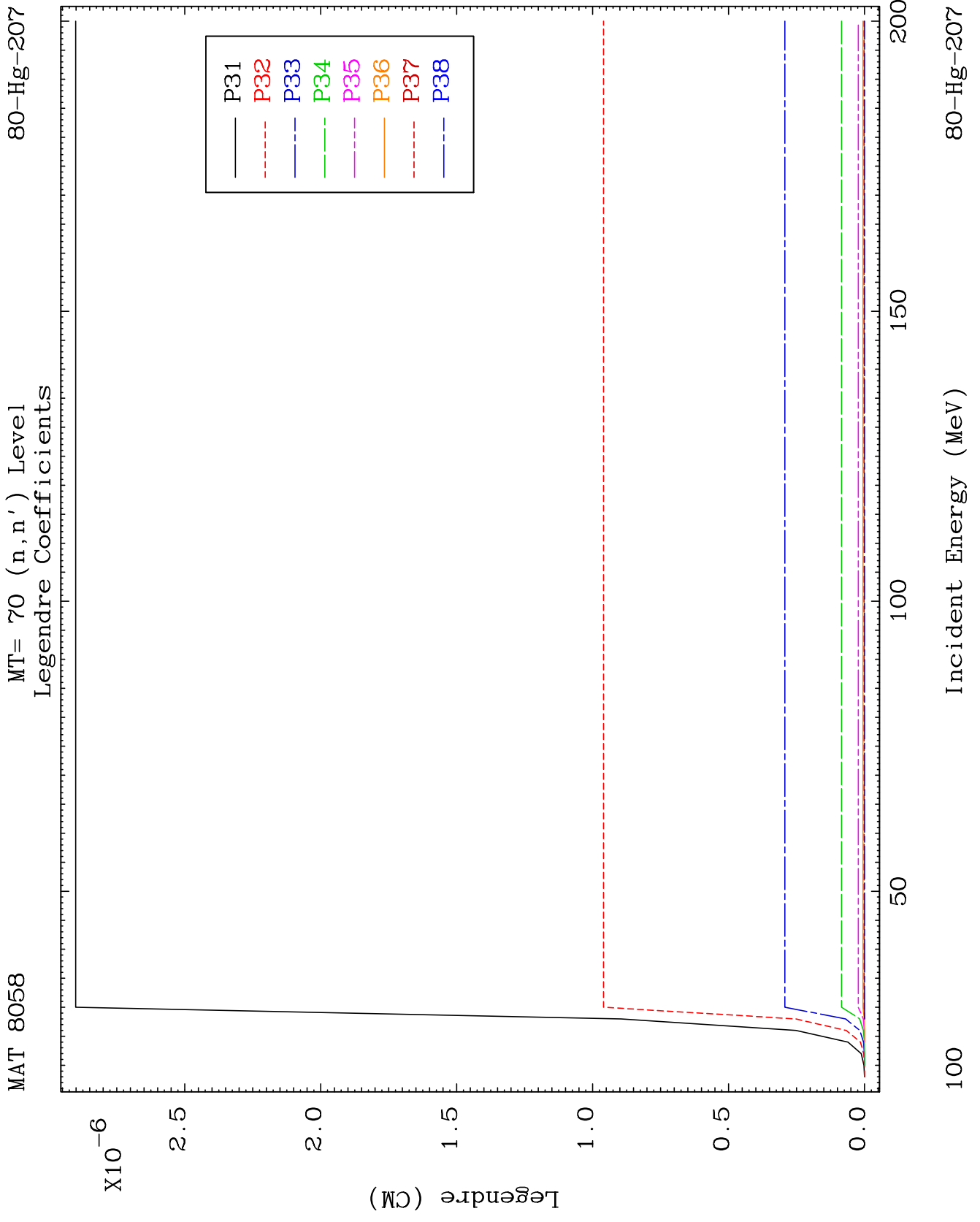
80-Hg-207



99

Incident Energy (MeV)

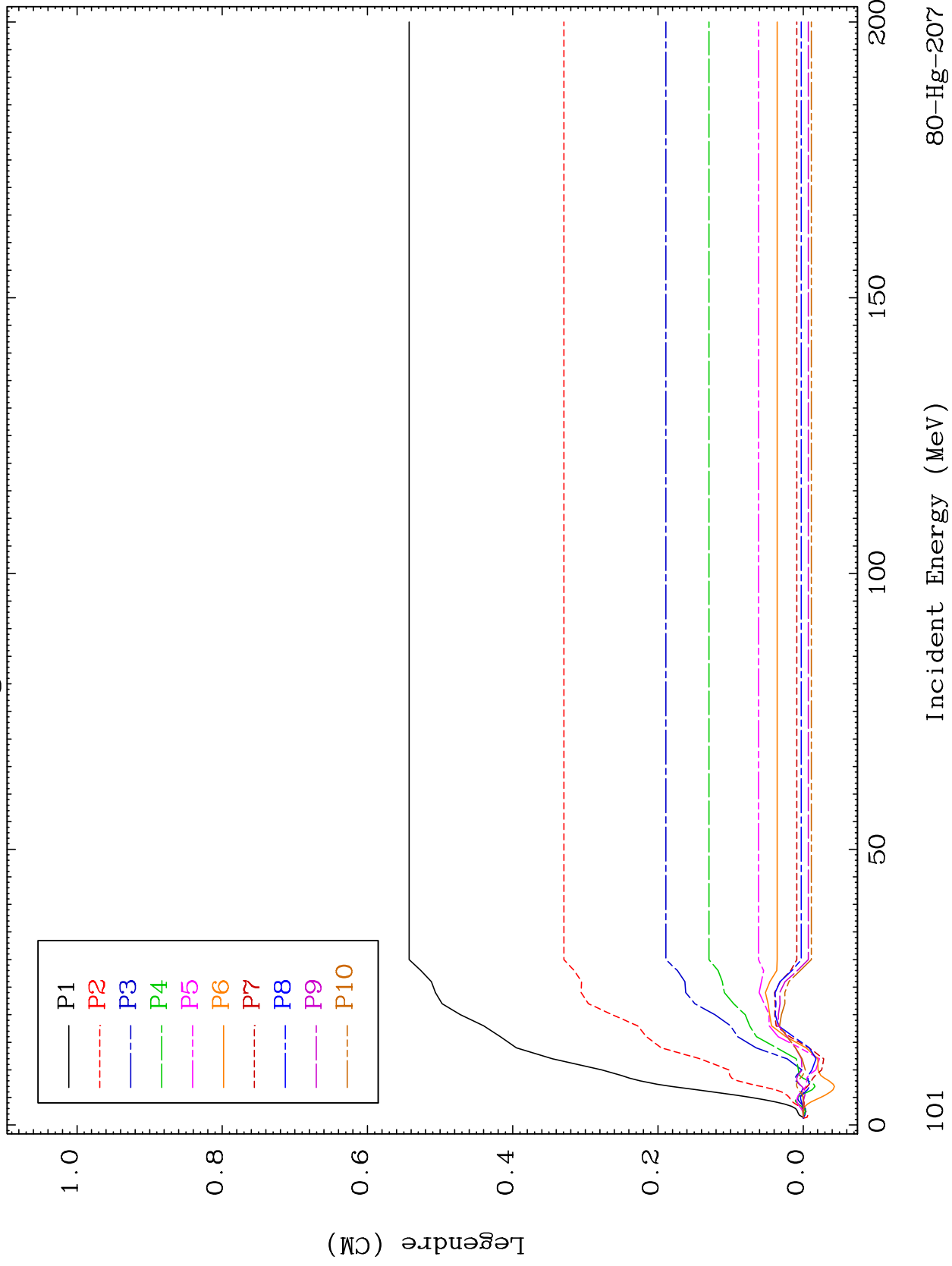
80-Hg-207



MAT 8058

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

80-Hg-207



80-Hg-207

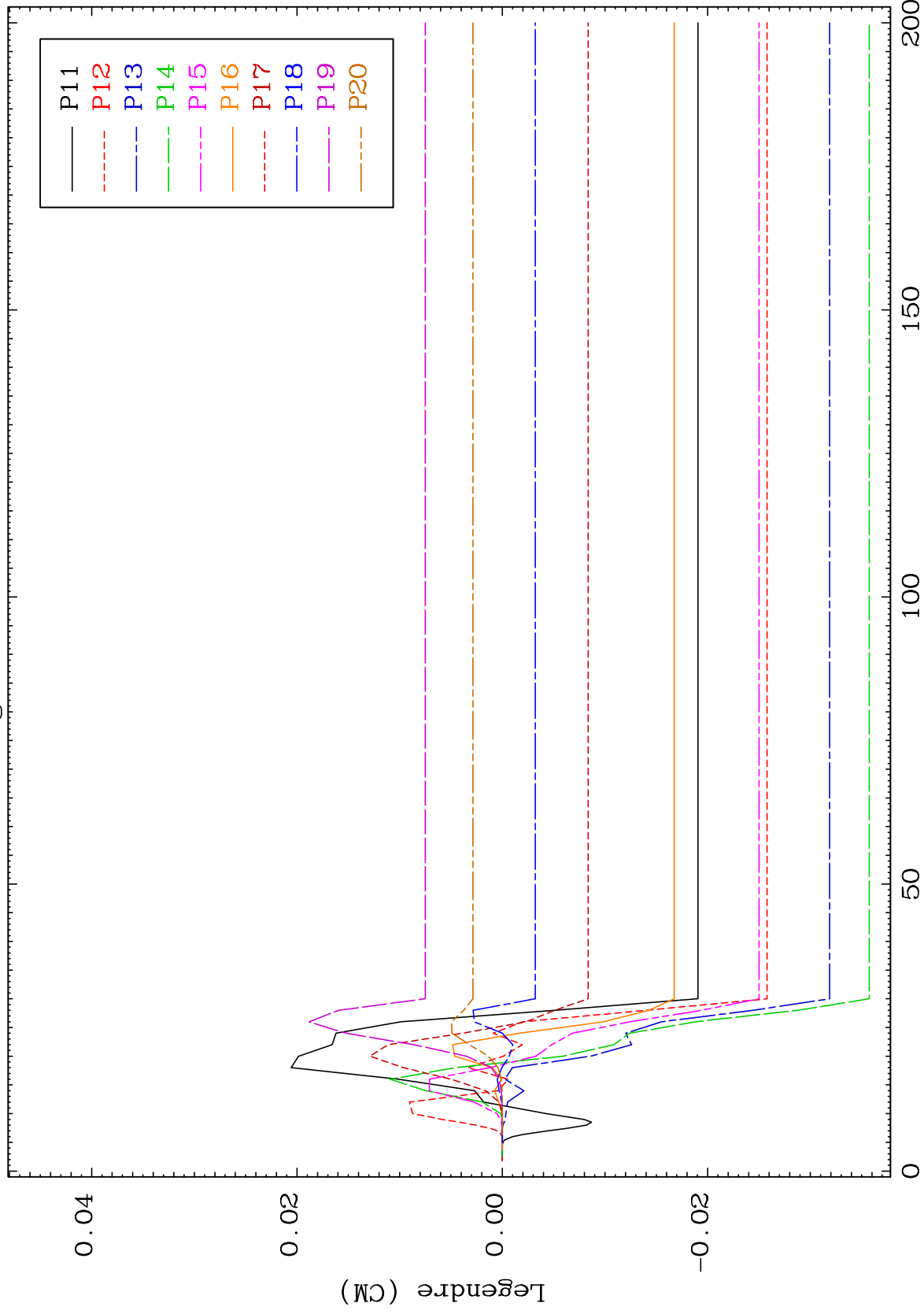
Incident Energy (MeV)

101

MAT 8058

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

80-Hg-207



102

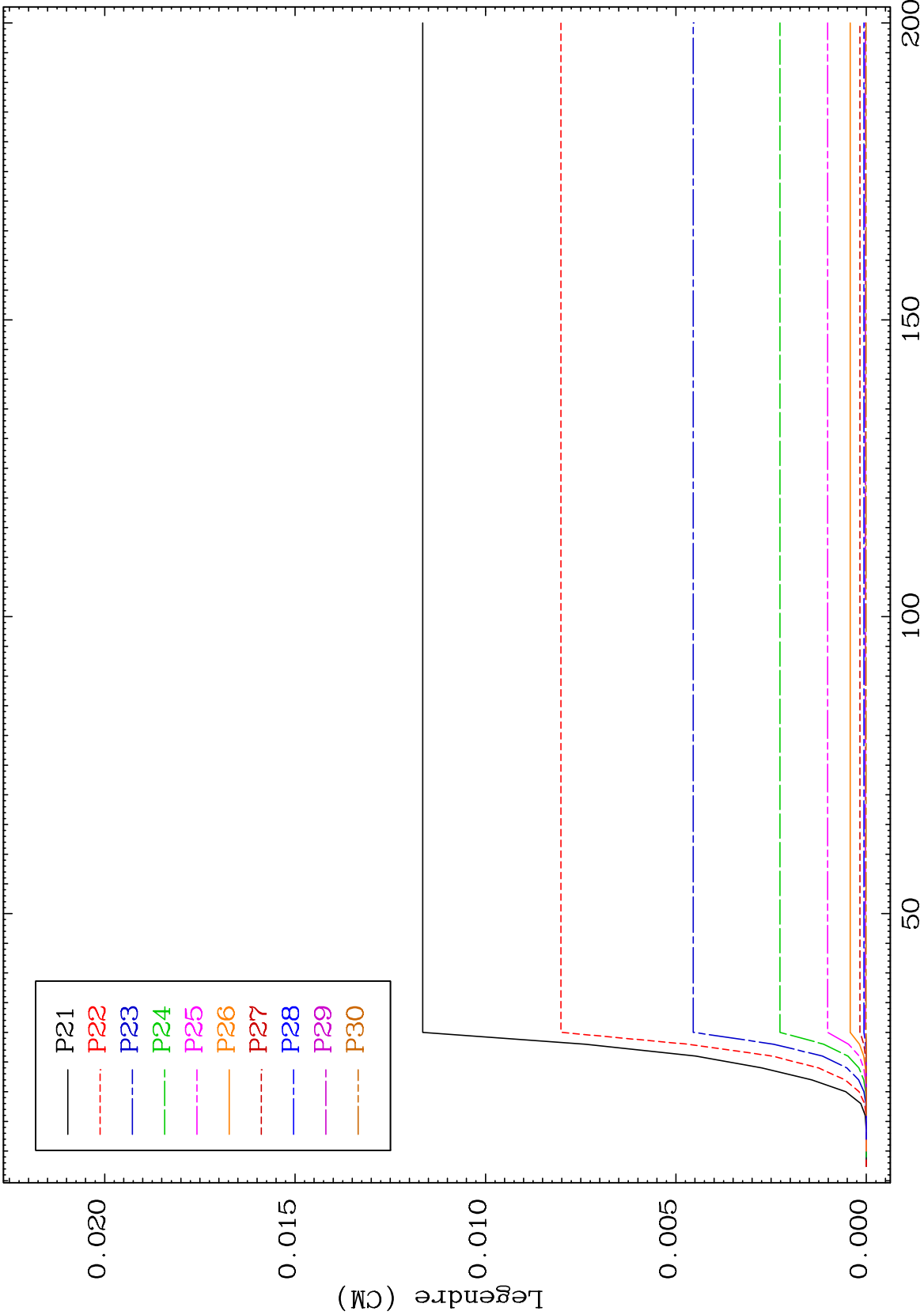
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



103

Incident Energy (MeV)

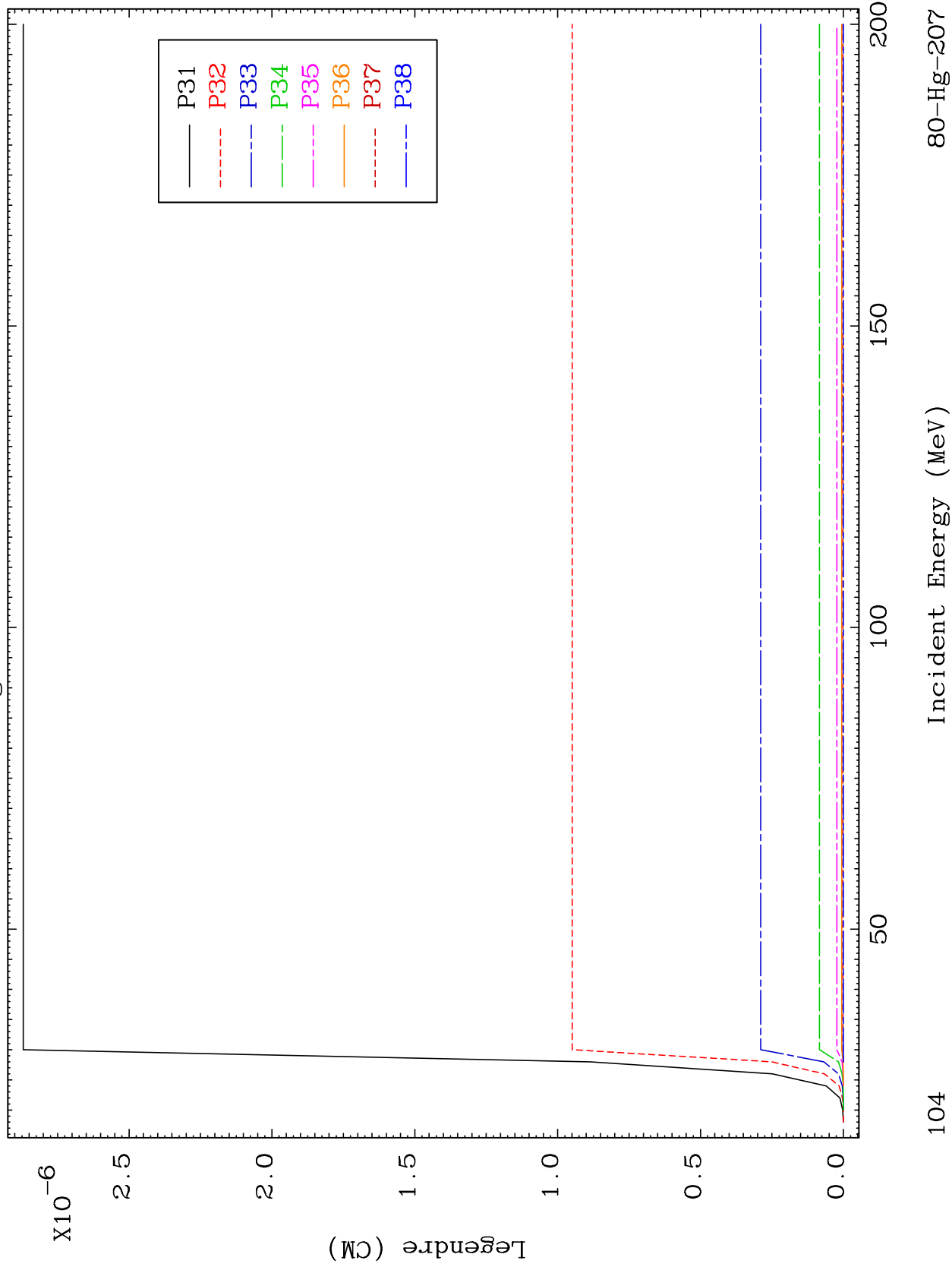
80-Hg-207



MAT 8058

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

80-Hg-207



104

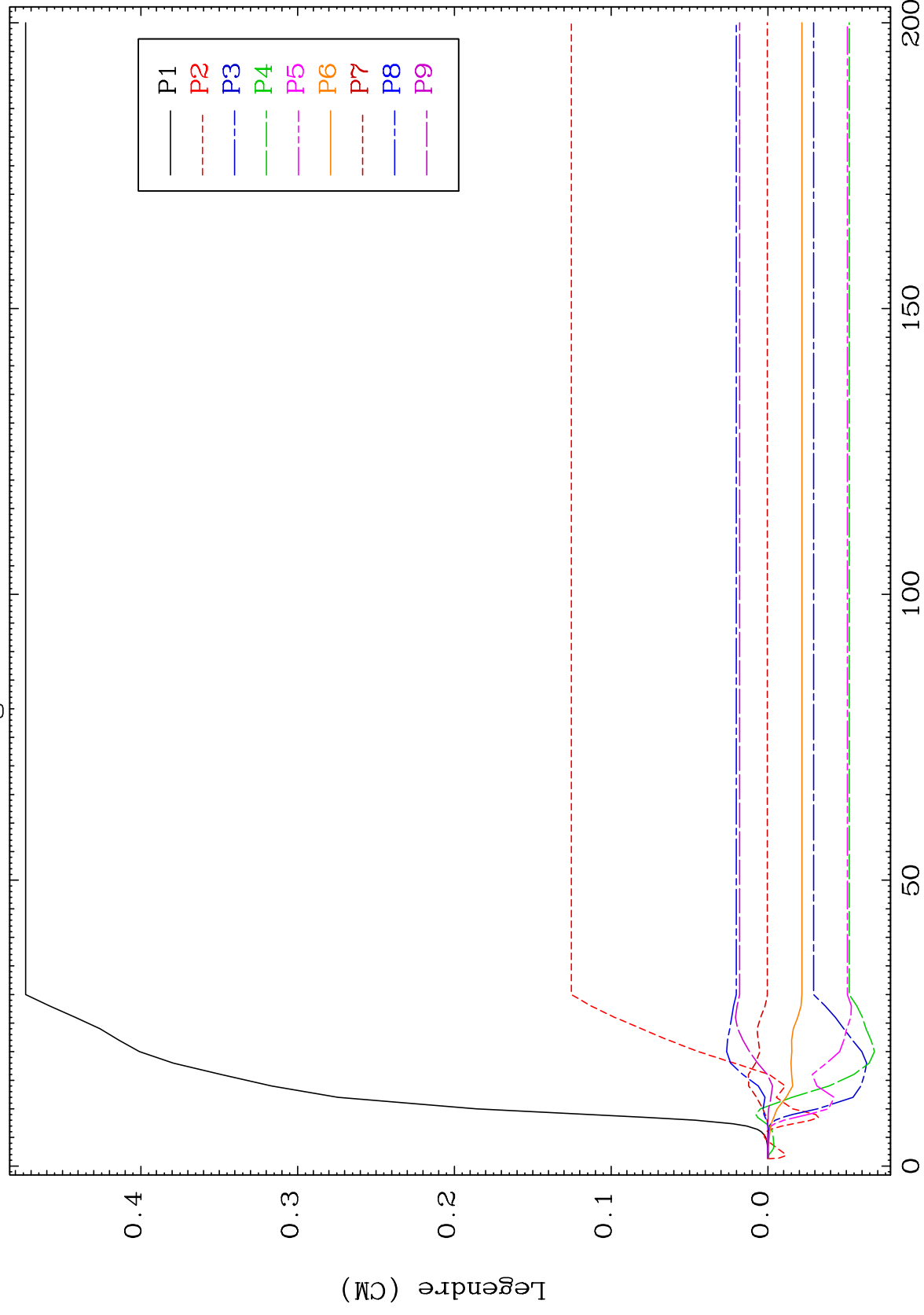
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



80-Hg-207

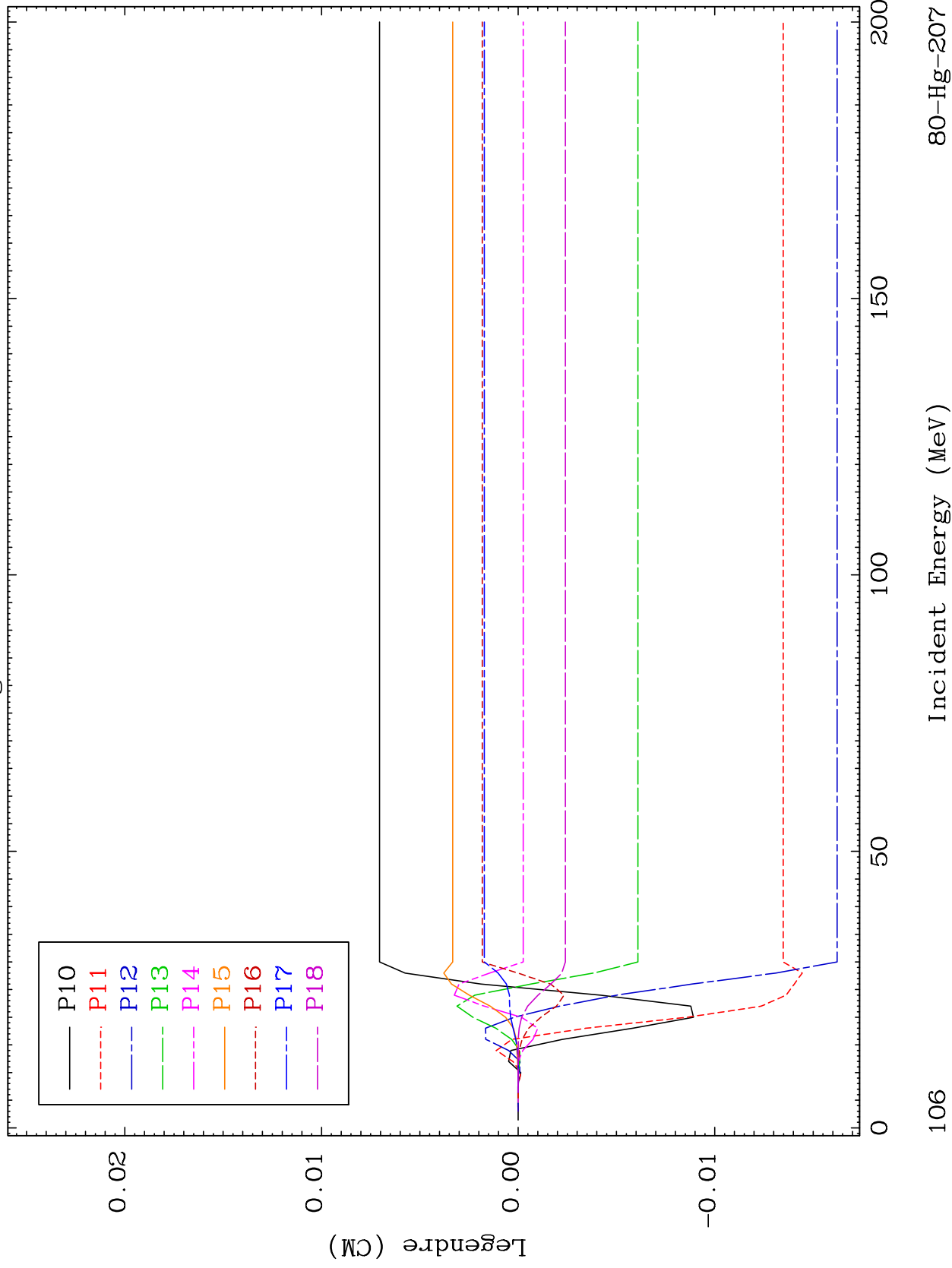
Incident Energy (MeV)

105

MAT 8058

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

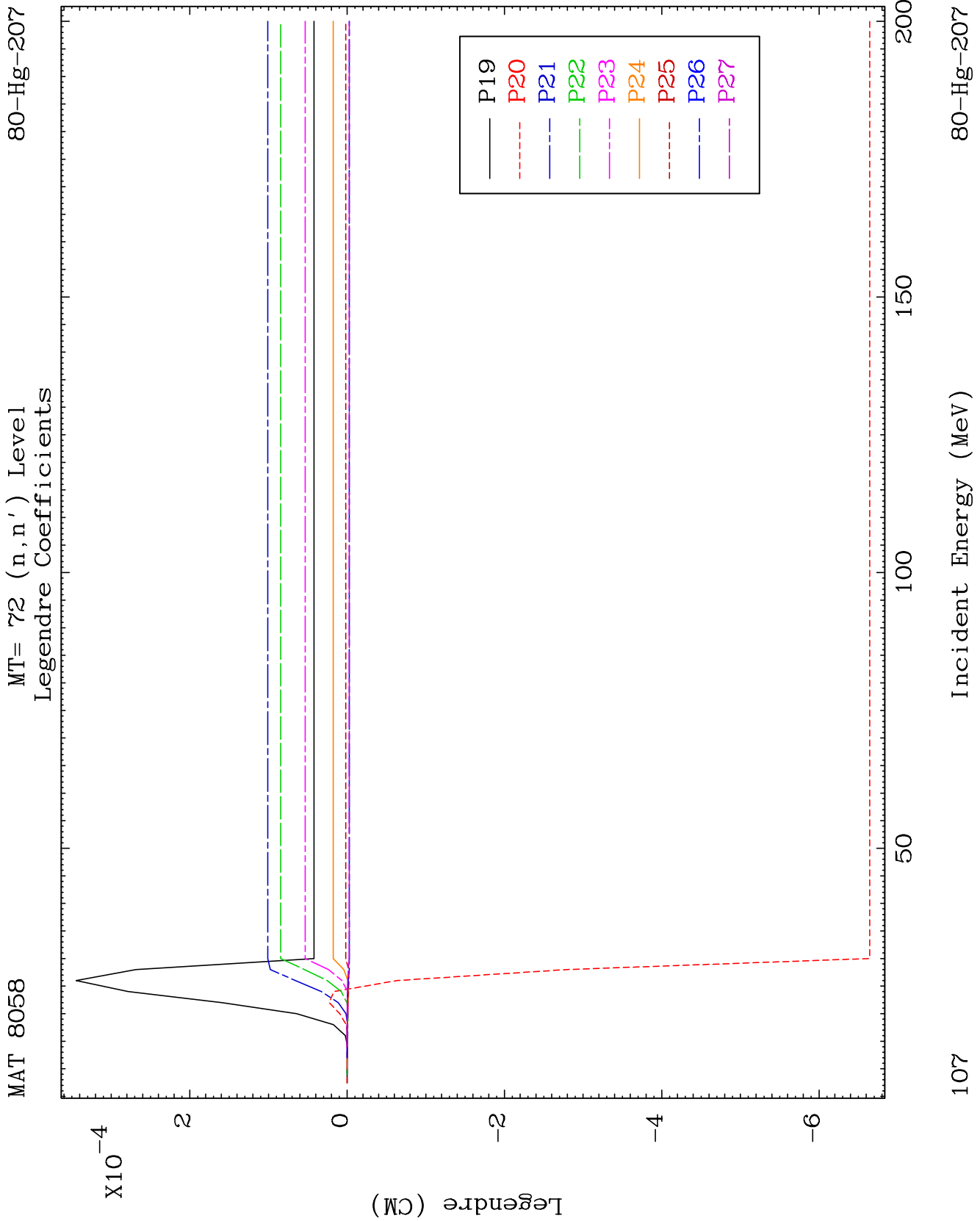
80-Hg-207

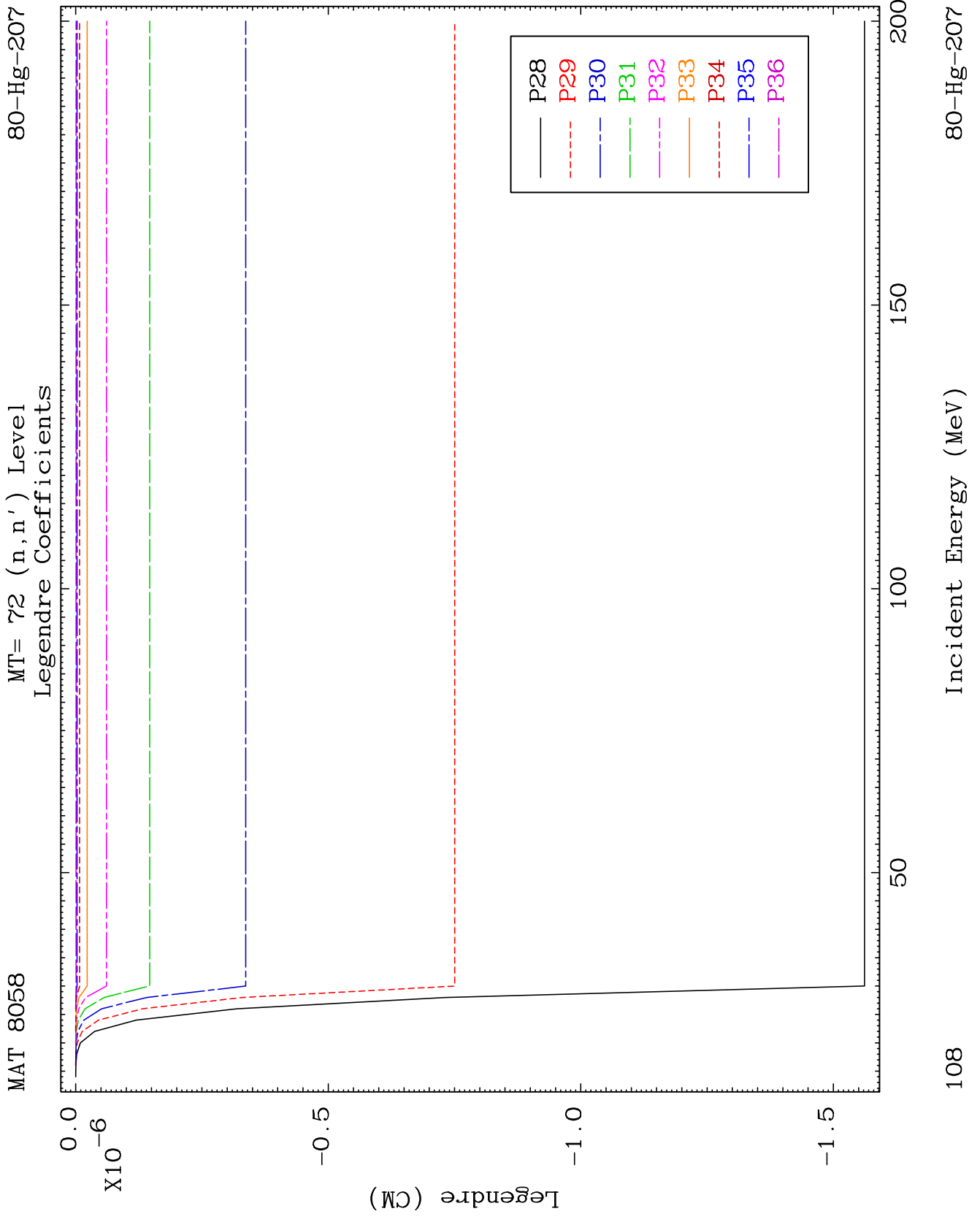


106

Incident Energy (MeV)

80-Hg-207

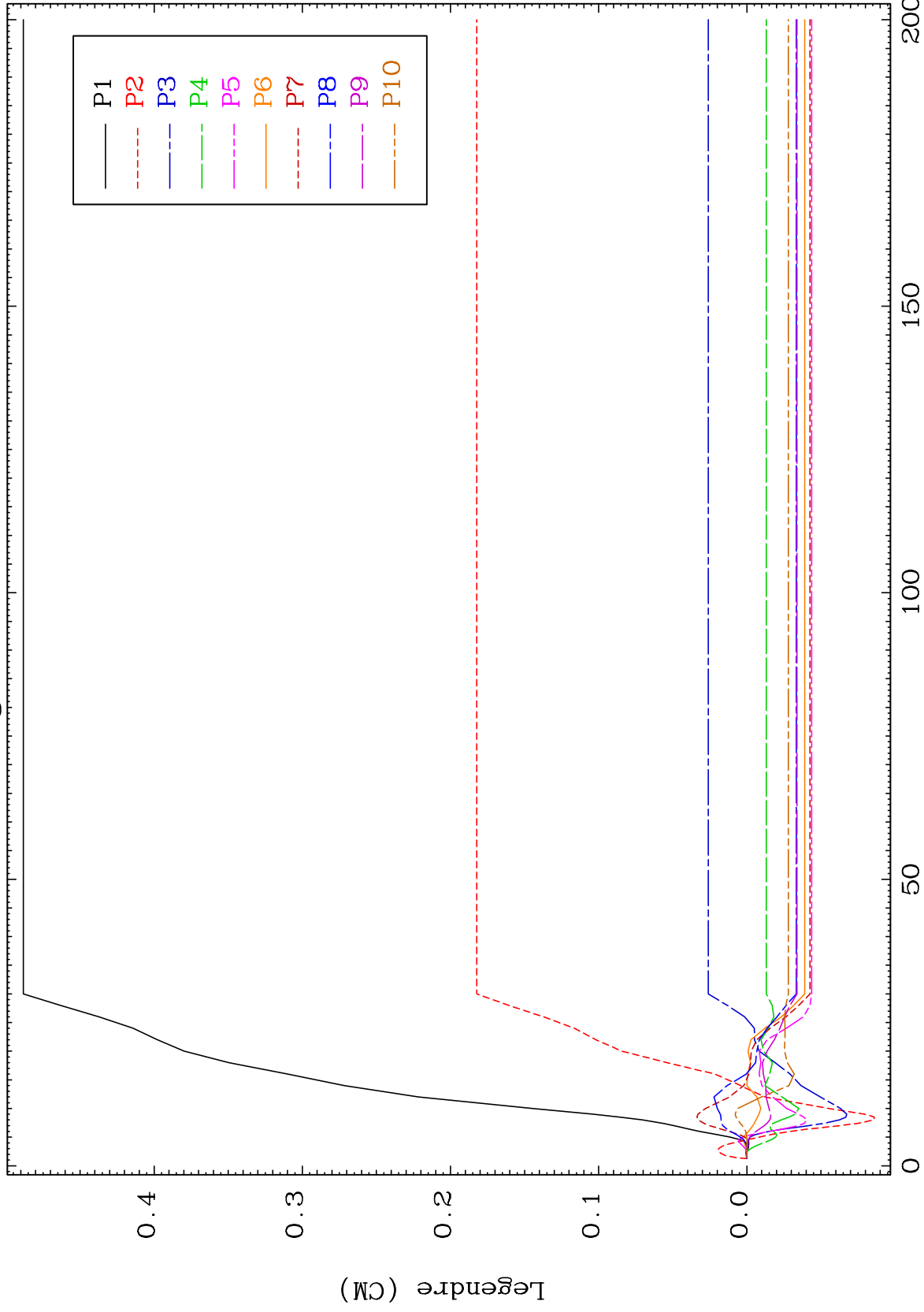




MAT 8058

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

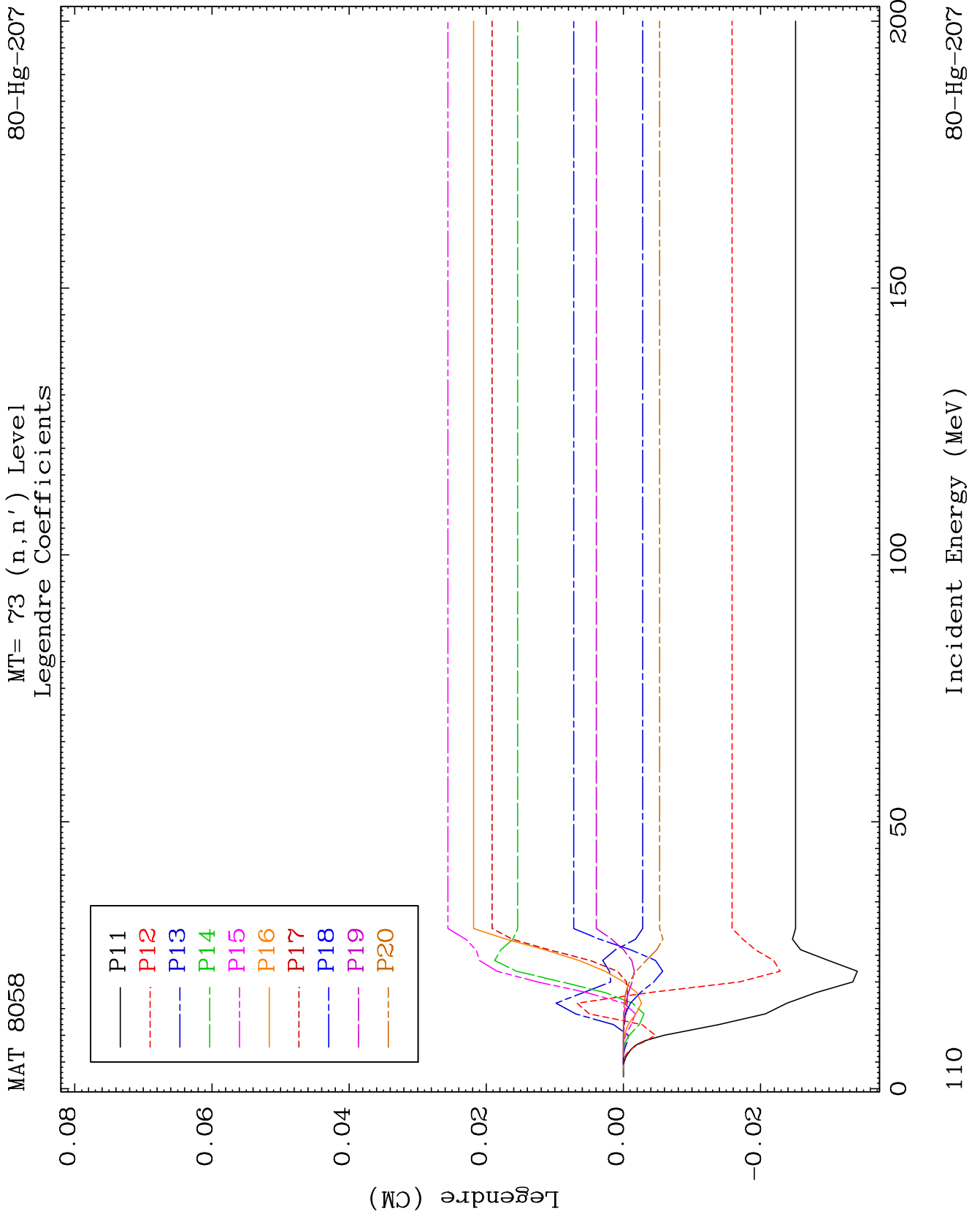
80-Hg-207



80-Hg-207

Incident Energy (MeV)

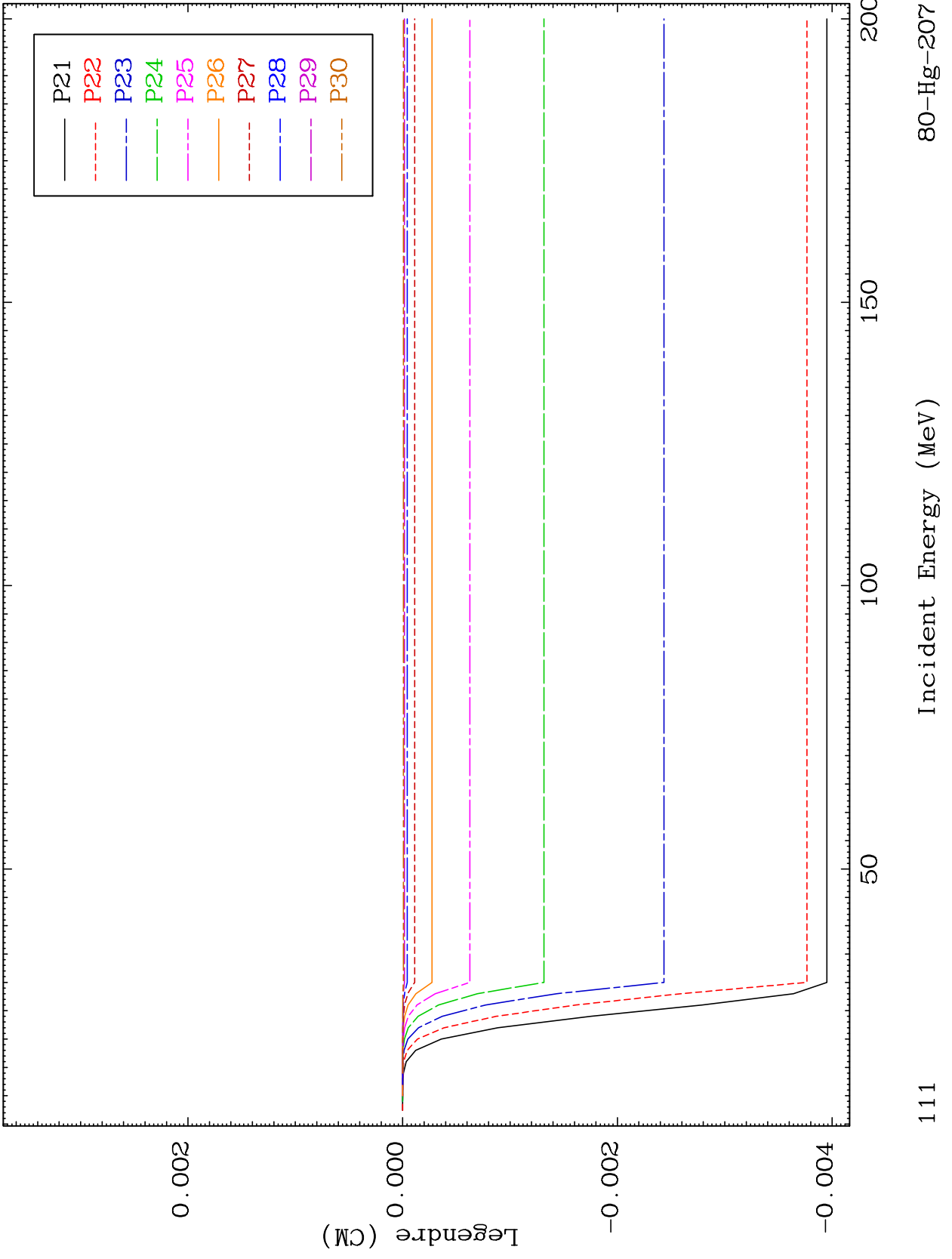
109



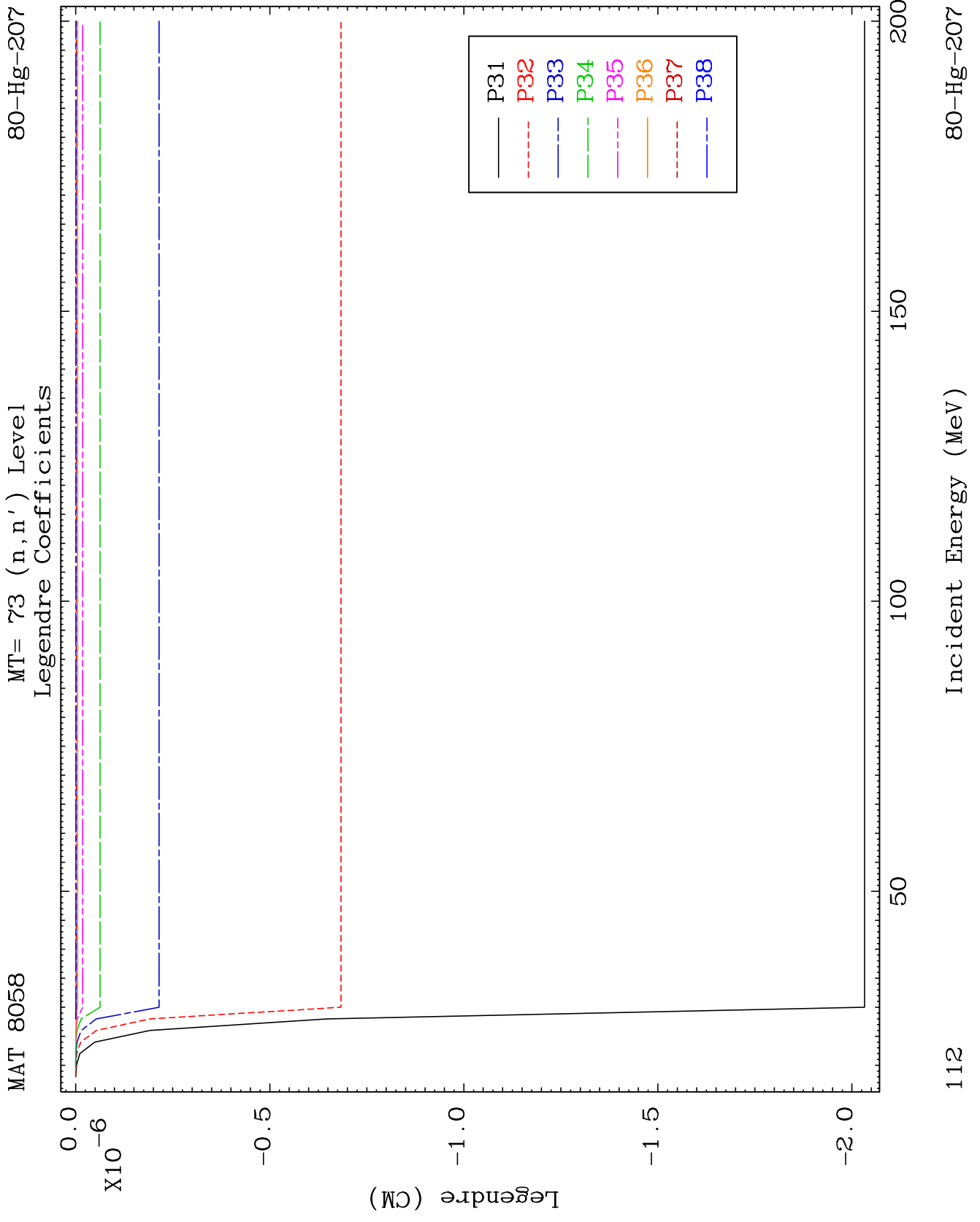
MAT 8058

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

80-Hg-207



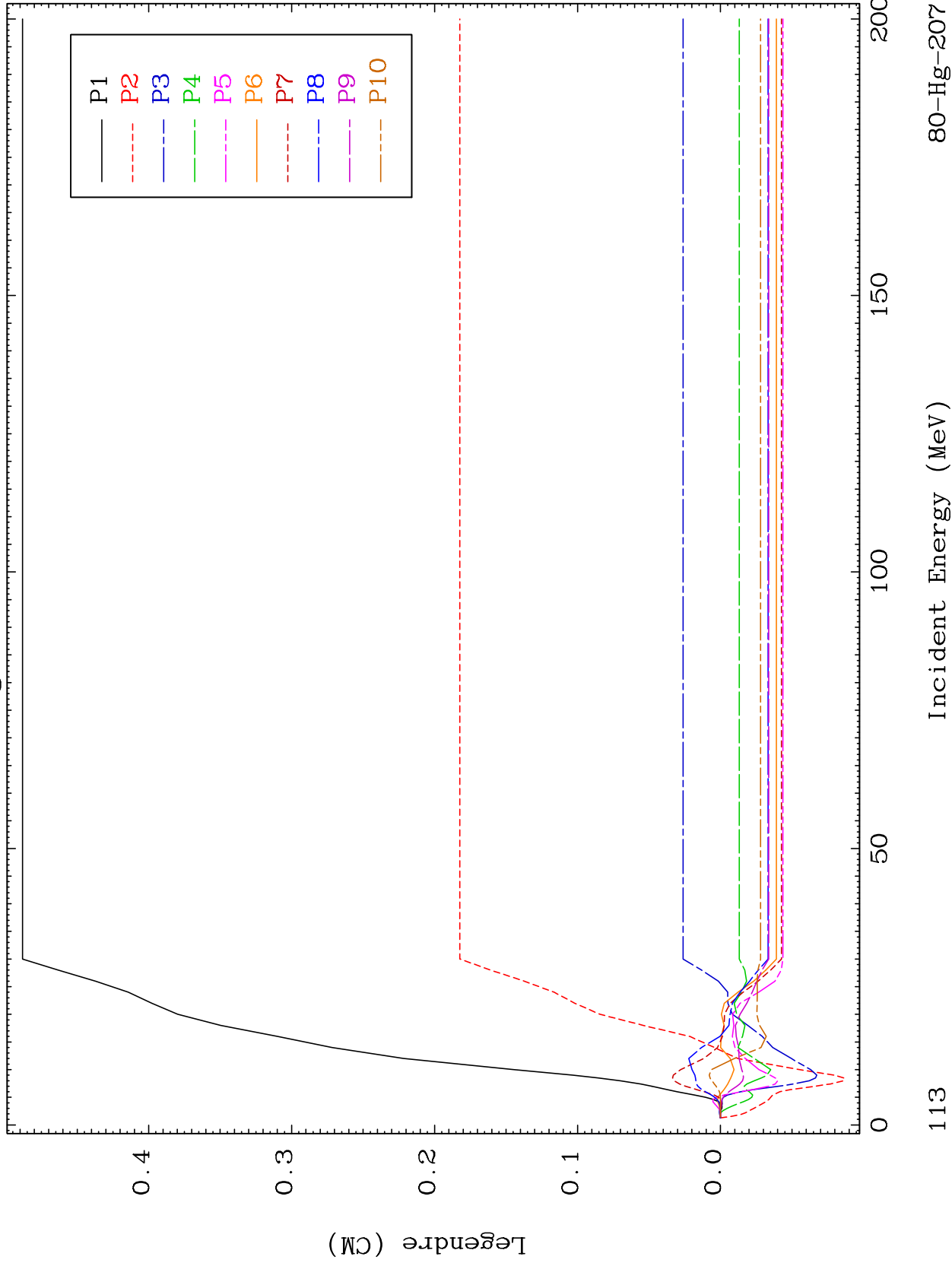




MAT 8058

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

80-Hg-207



80-Hg-207

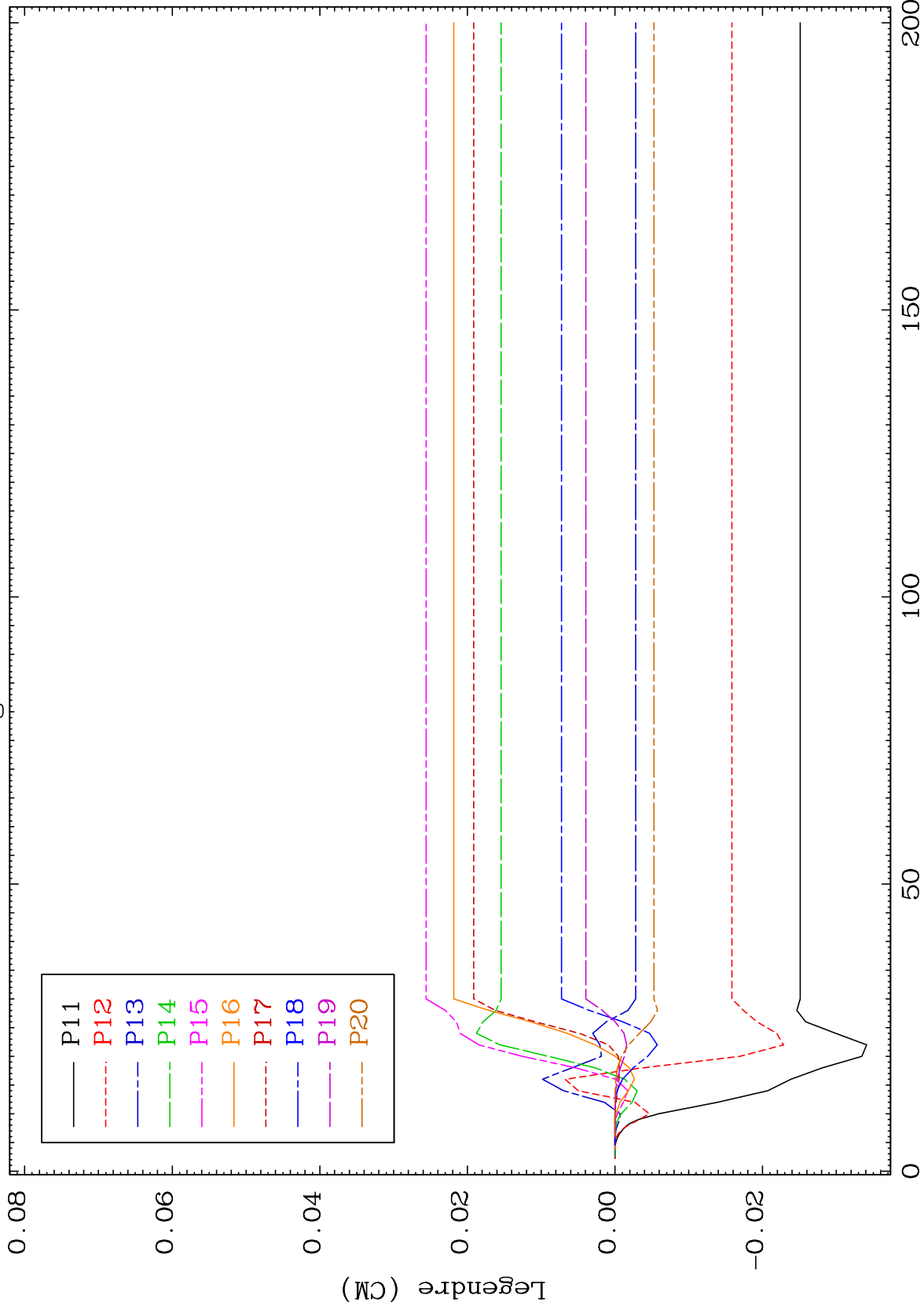
Incident Energy (MeV)

113

MAT 8058

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

80-Hg-207



114

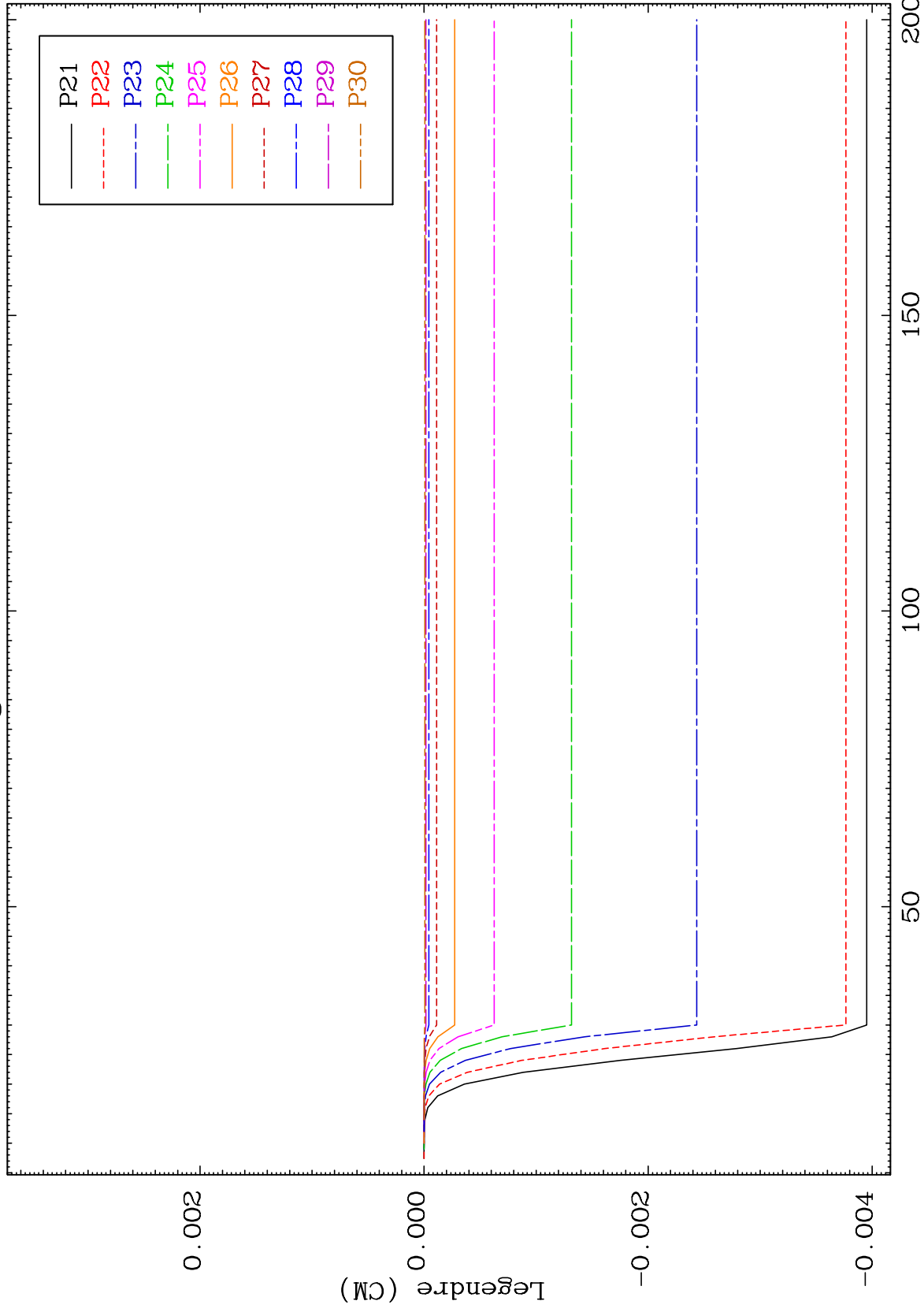
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

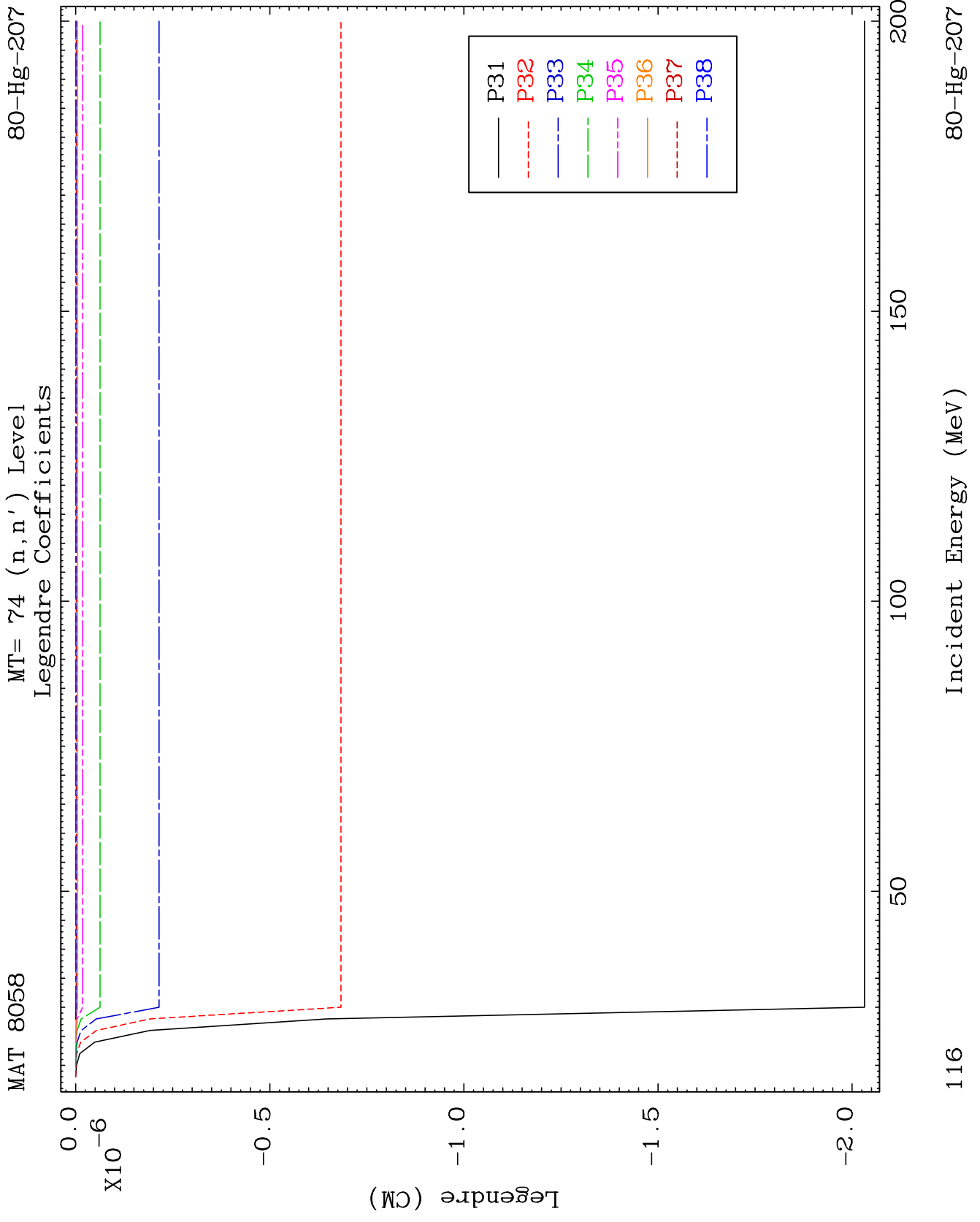
80-Hg-207



115

Incident Energy (MeV)

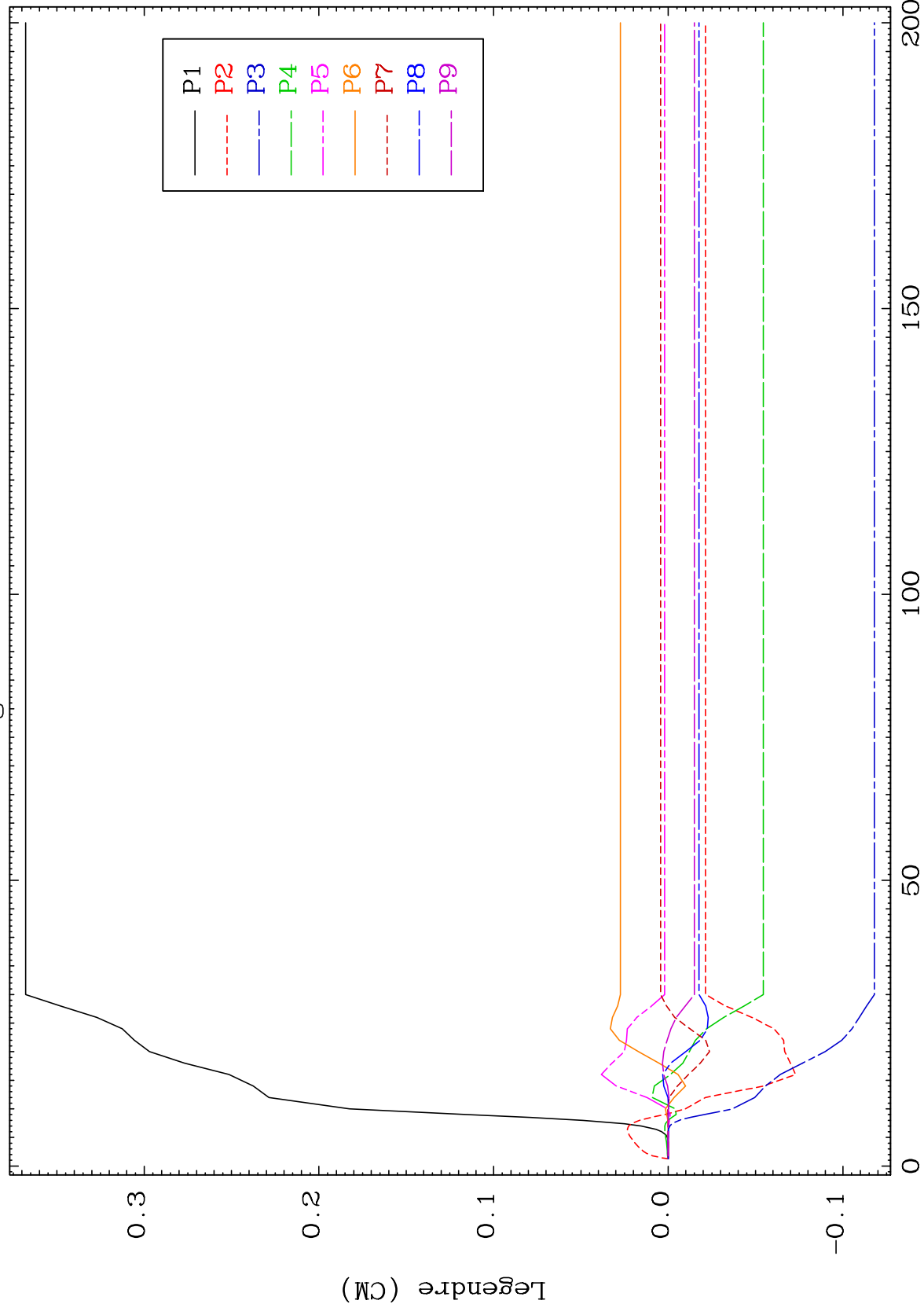
80-Hg-207



MAT 8058

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

80-Hg-207



117

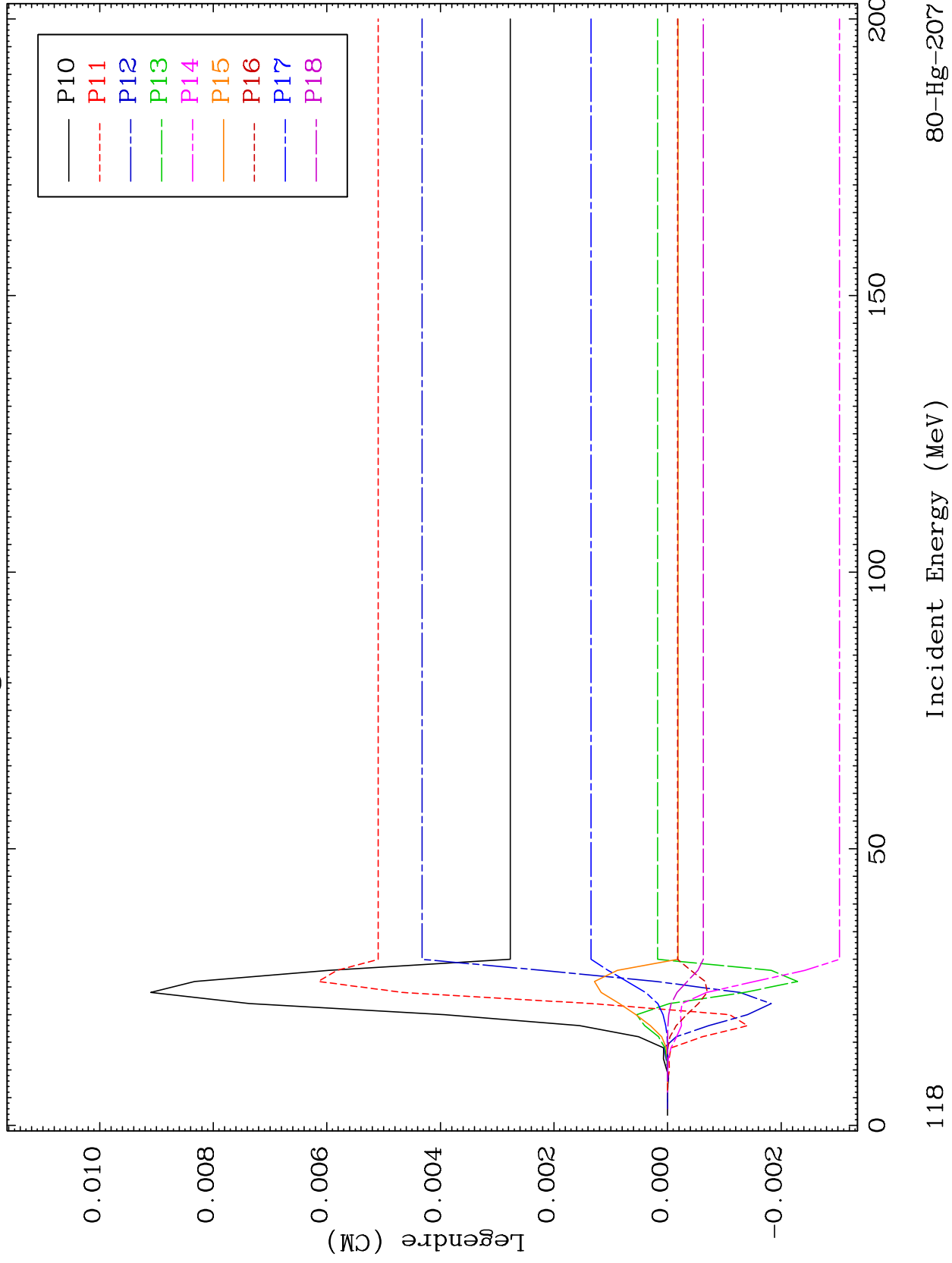
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



118

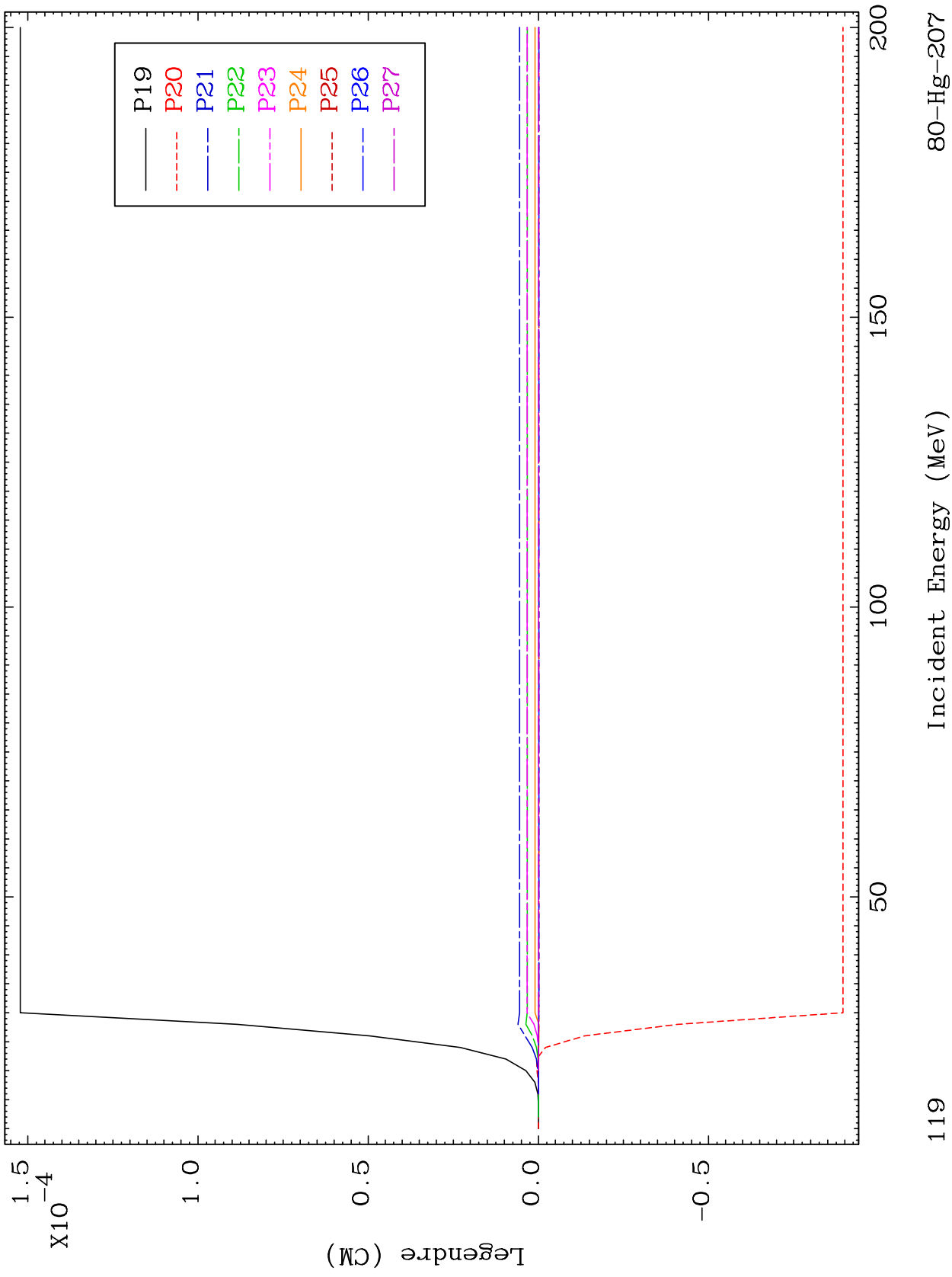
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207

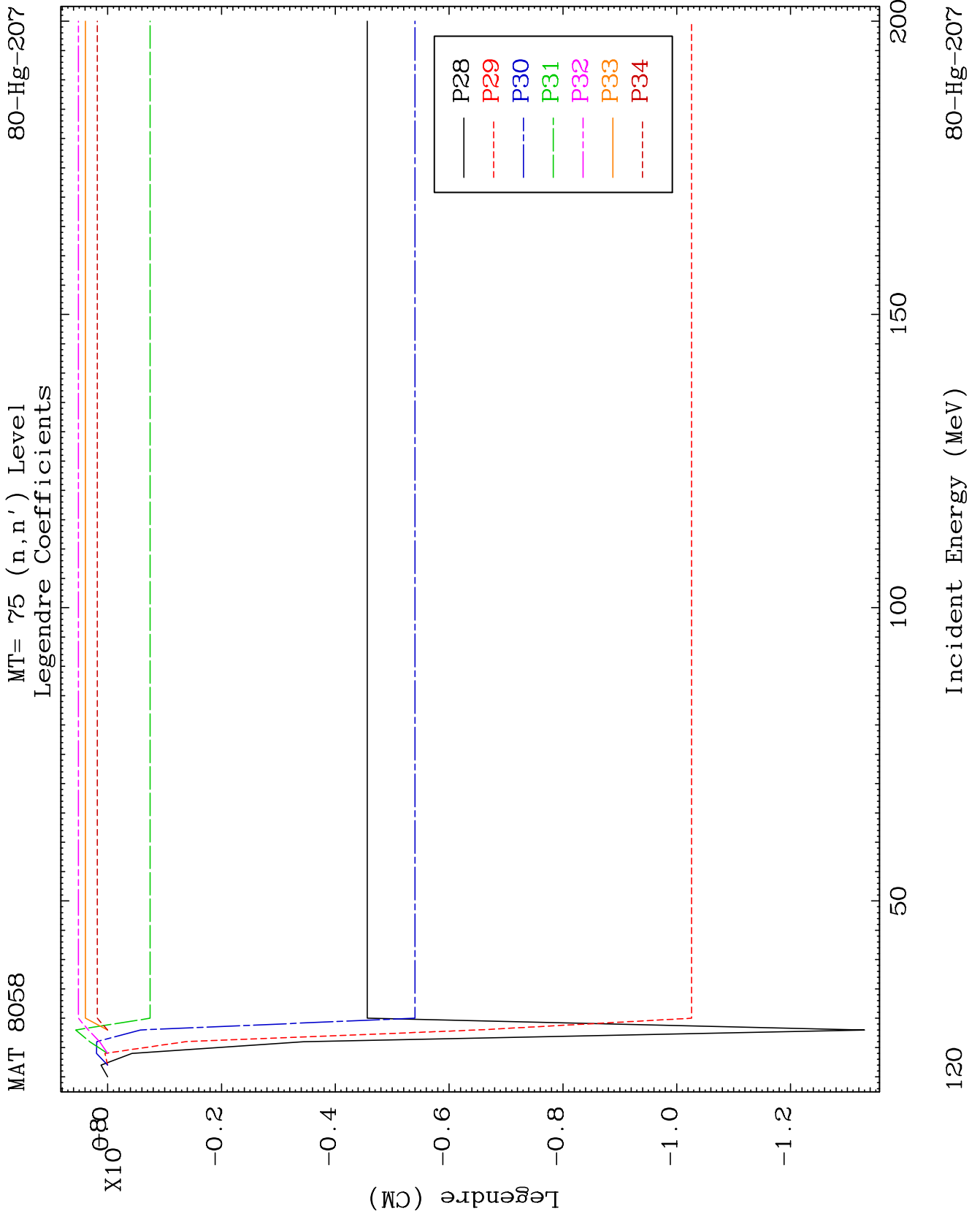


119

Incident Energy (MeV)

80-Hg-207

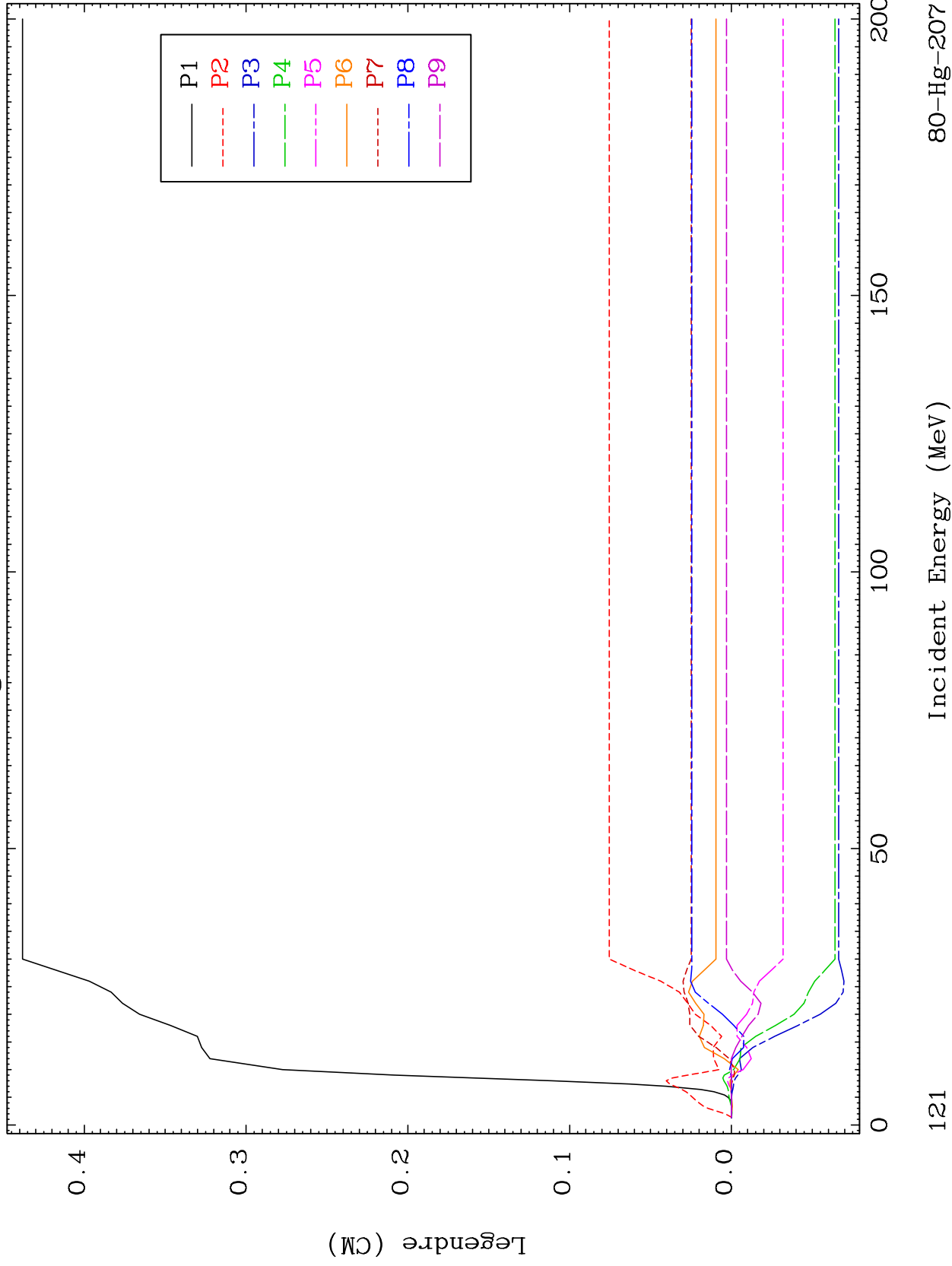




MAT 8058

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

80-Hg-207



80-Hg-207

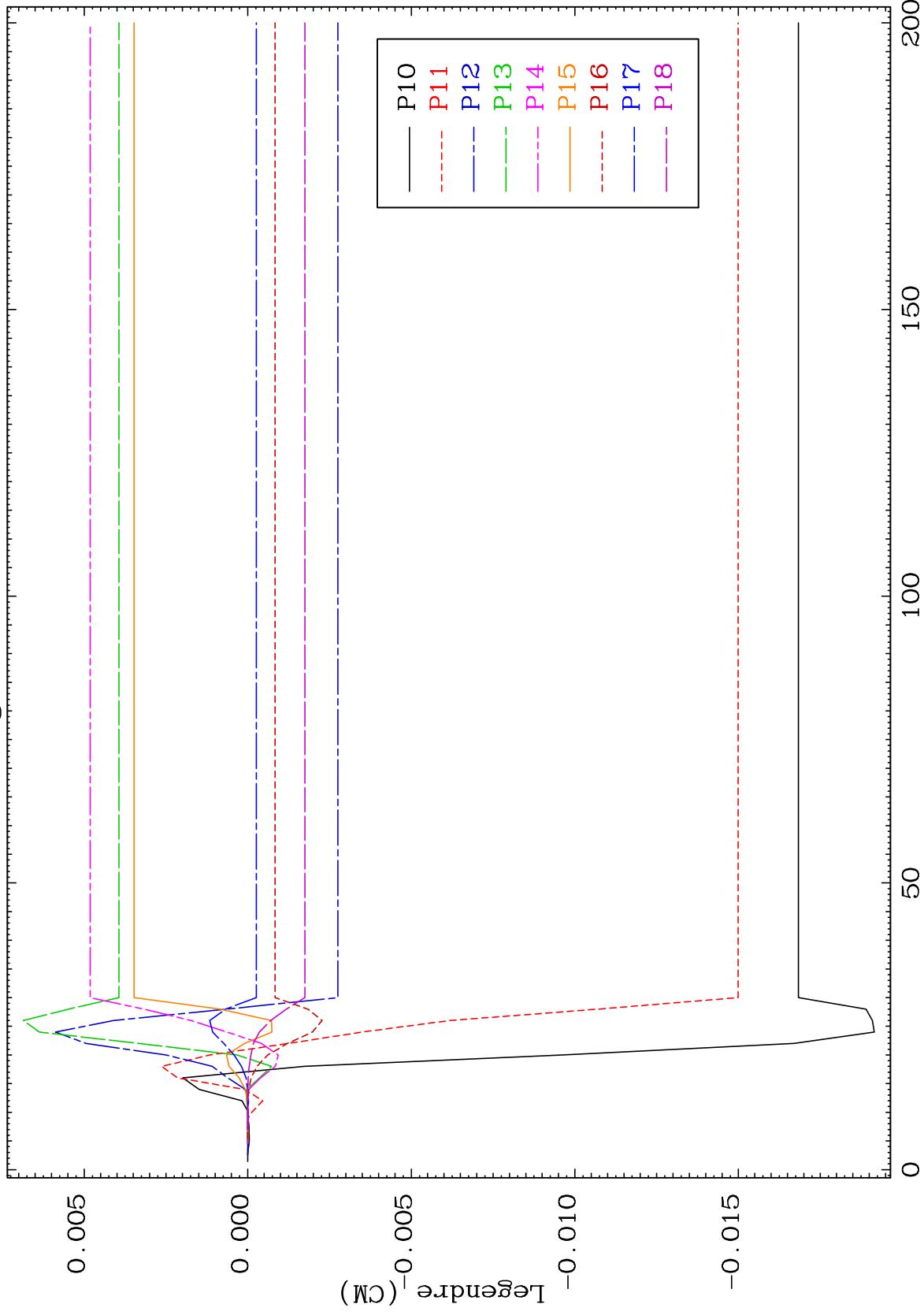
Incident Energy (MeV)

121

MAT 8058

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

80-Hg-207



122

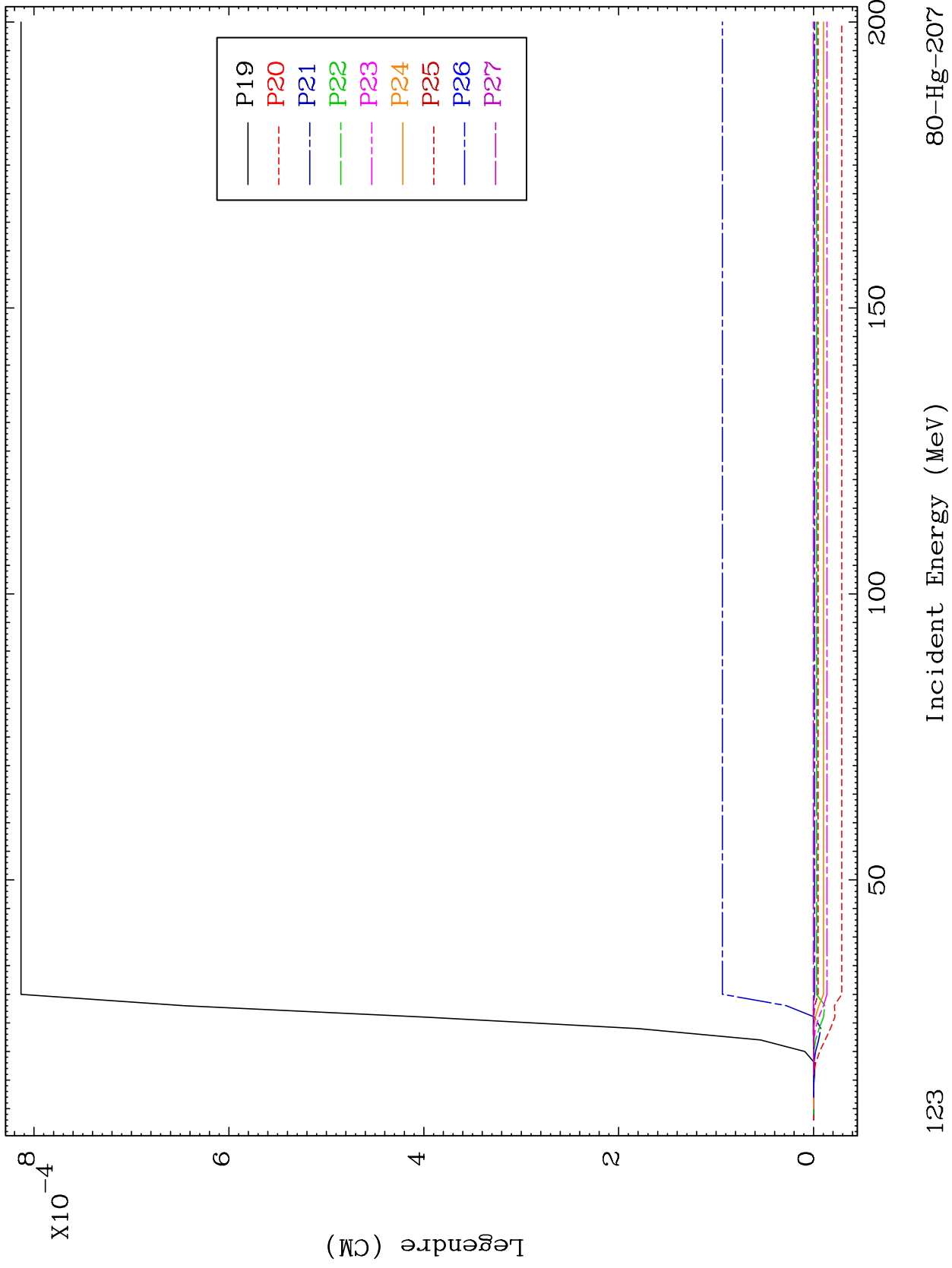
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



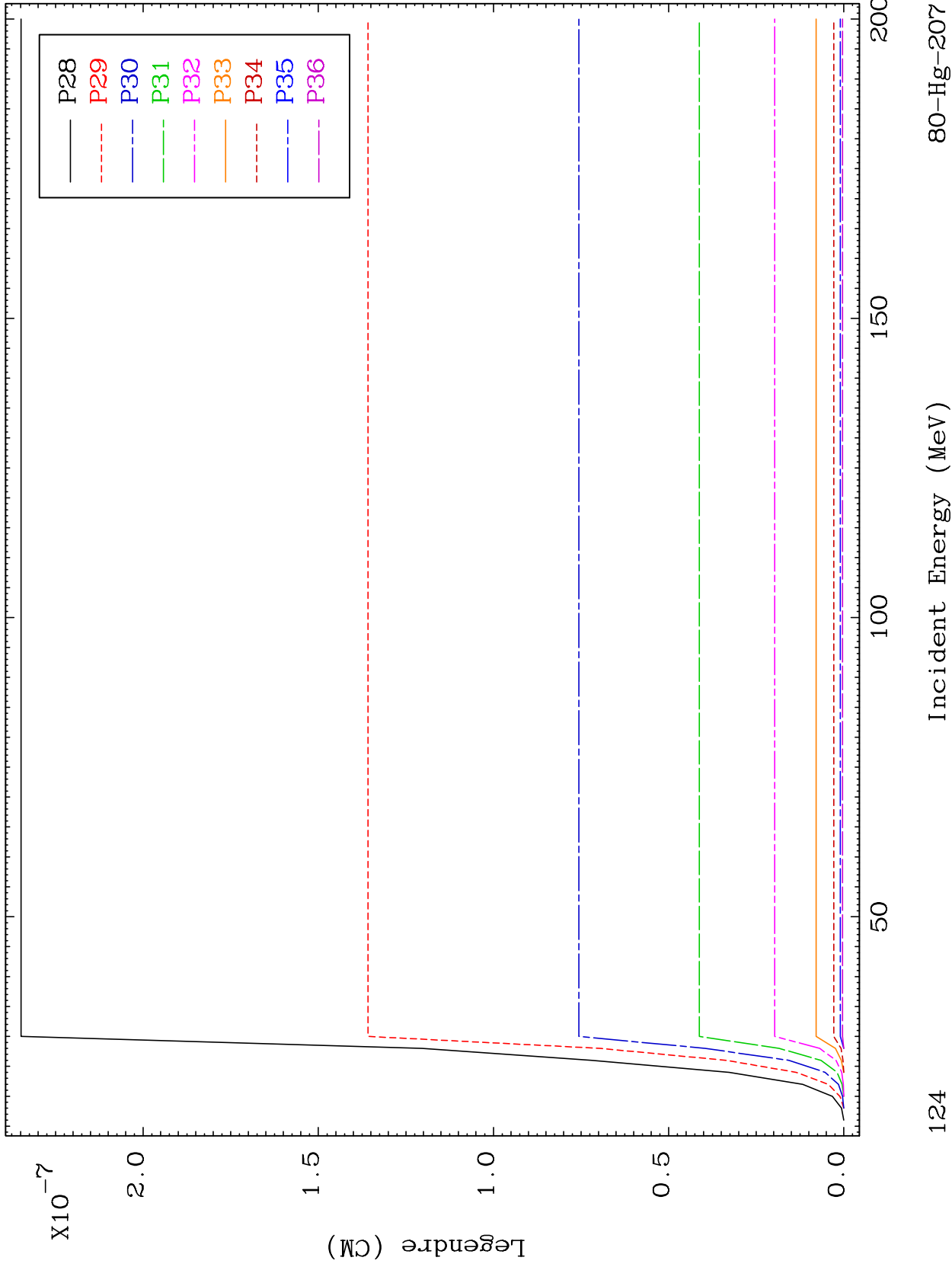
123

80-Hg-207

MAT 8058

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

80-Hg-207



124

Incident Energy (MeV)

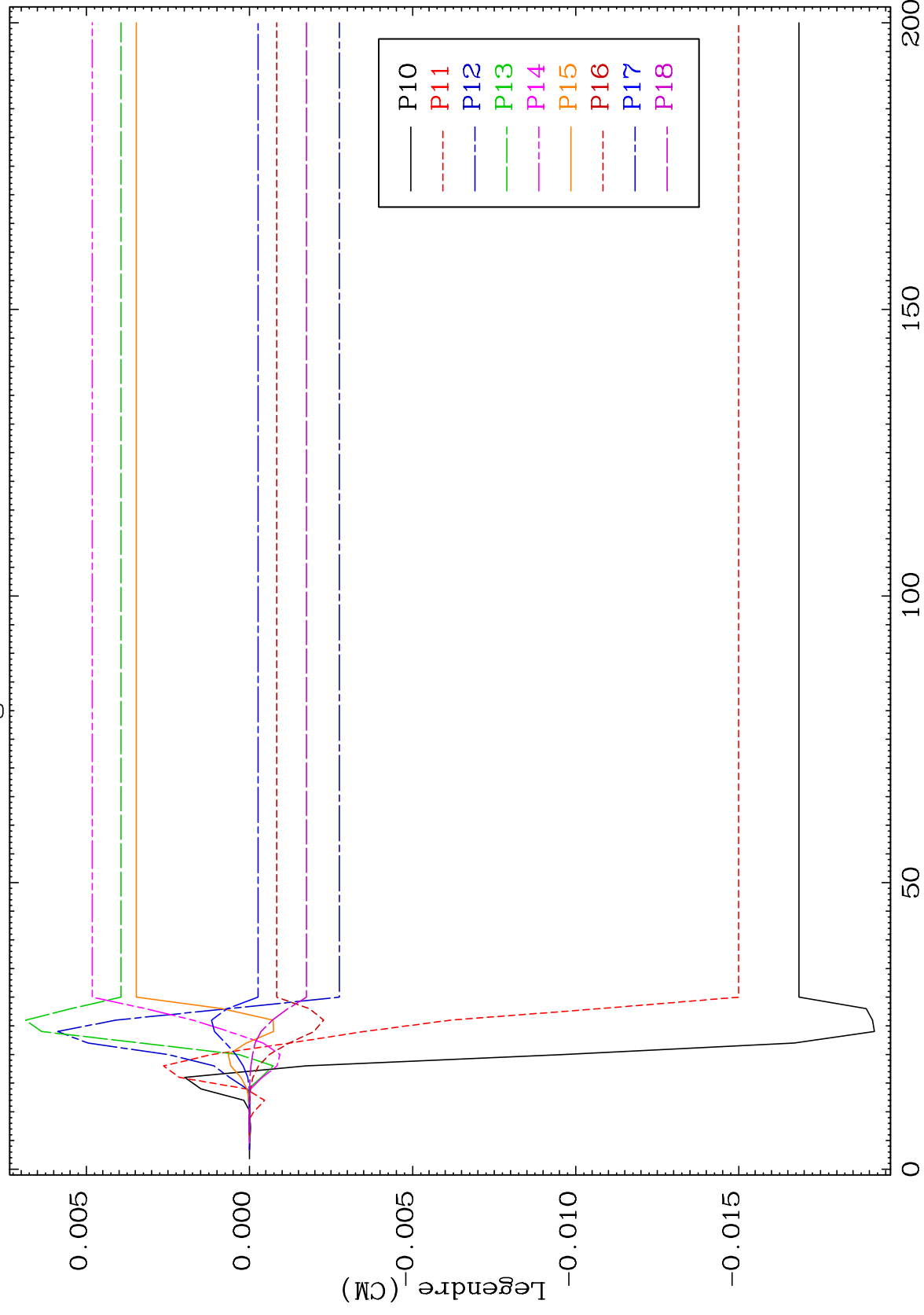
80-Hg-207



MAT 8058

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

80-Hg-207



126

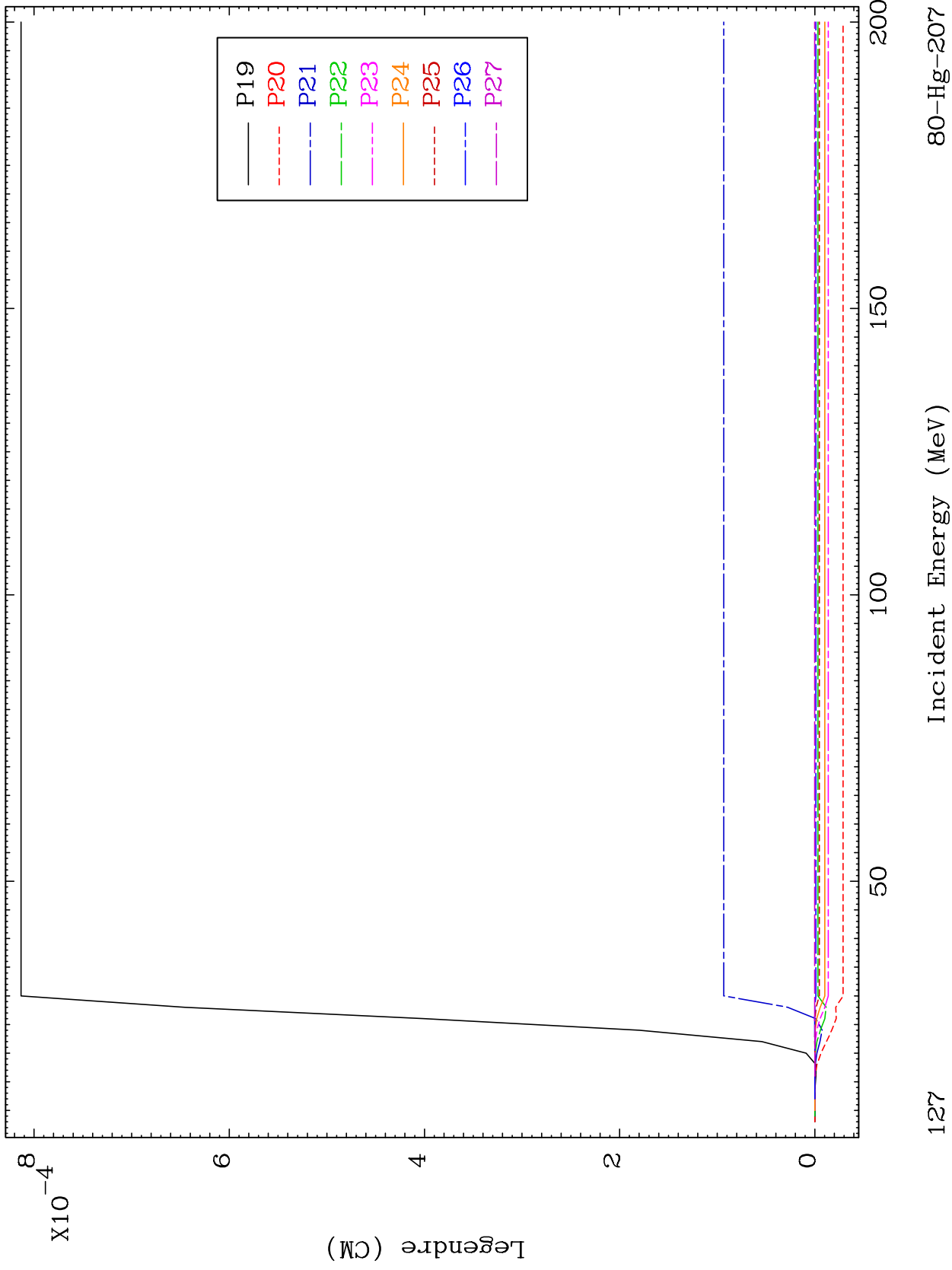
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



127

Incident Energy (MeV)

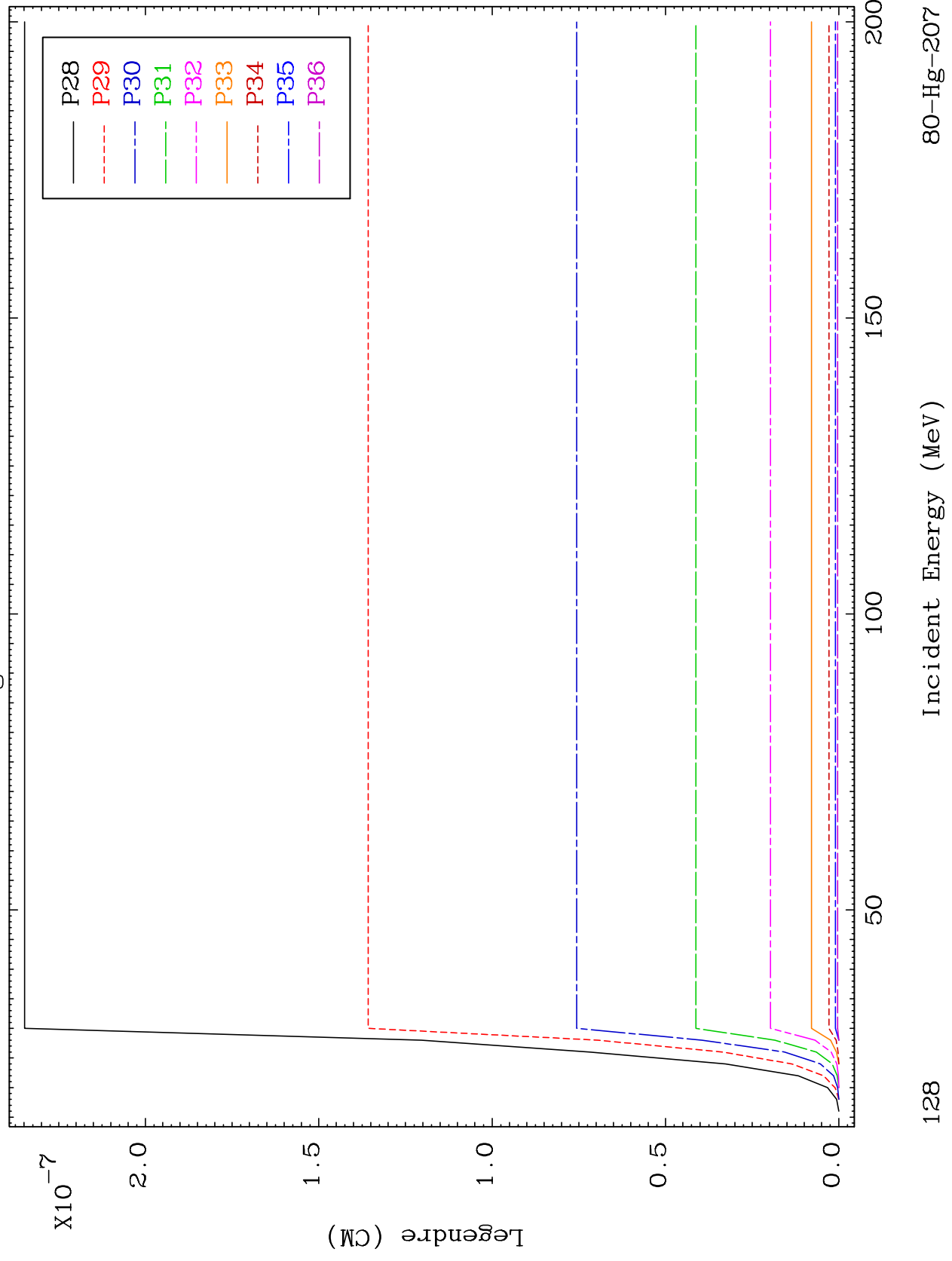
80-Hg-207



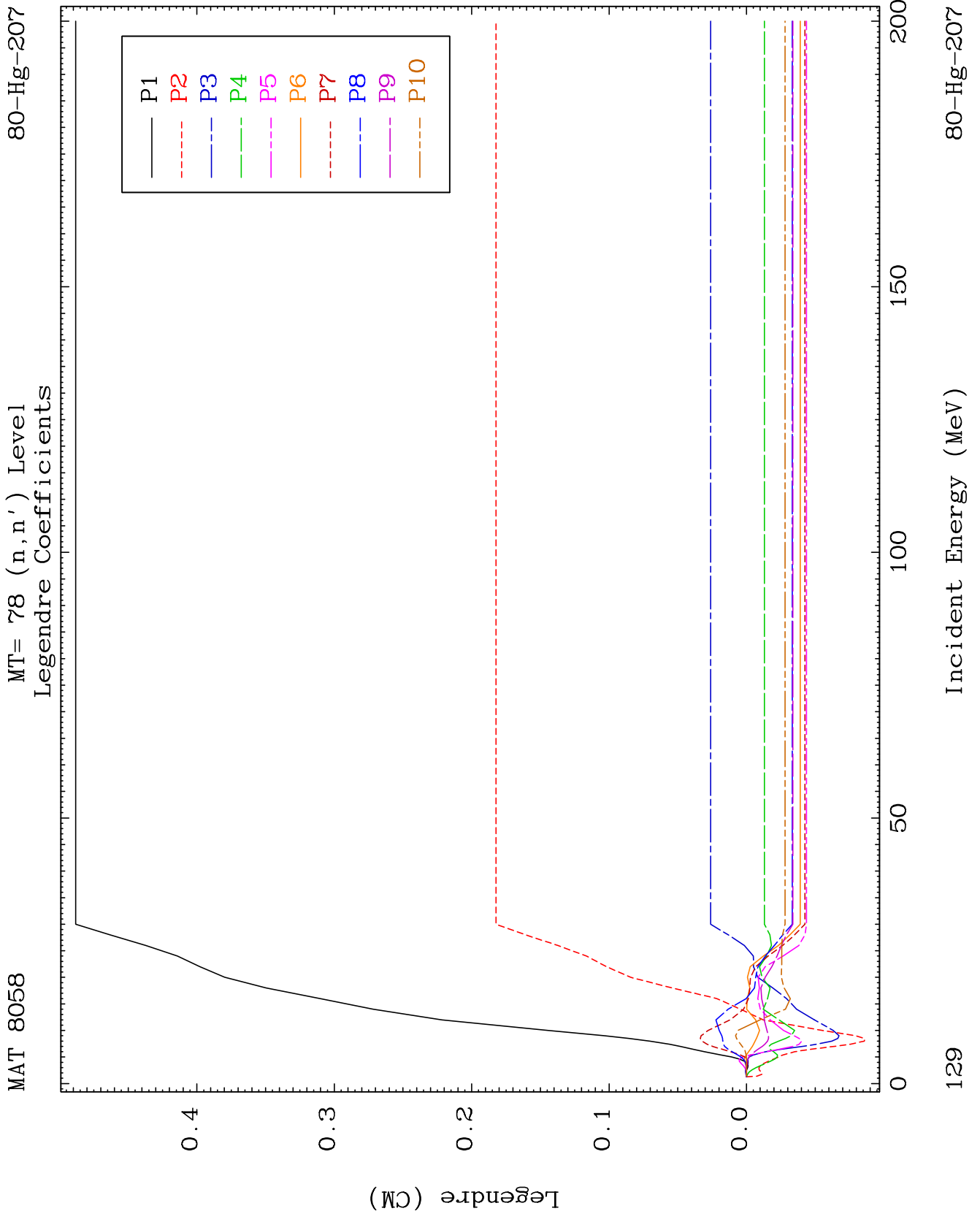
MAT 8058

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

80-Hg-207



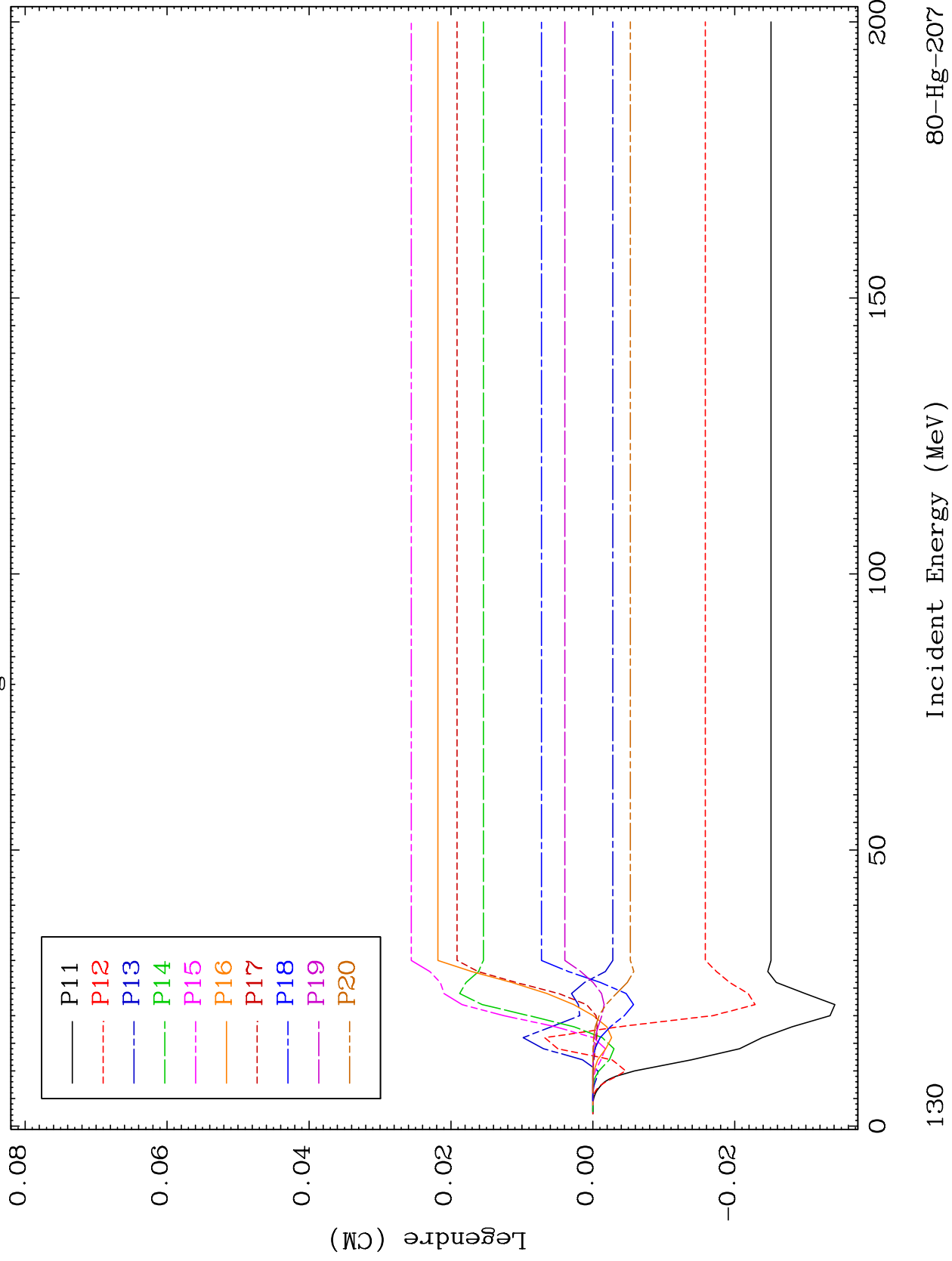
128



MAT 8058

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

80-Hg-207

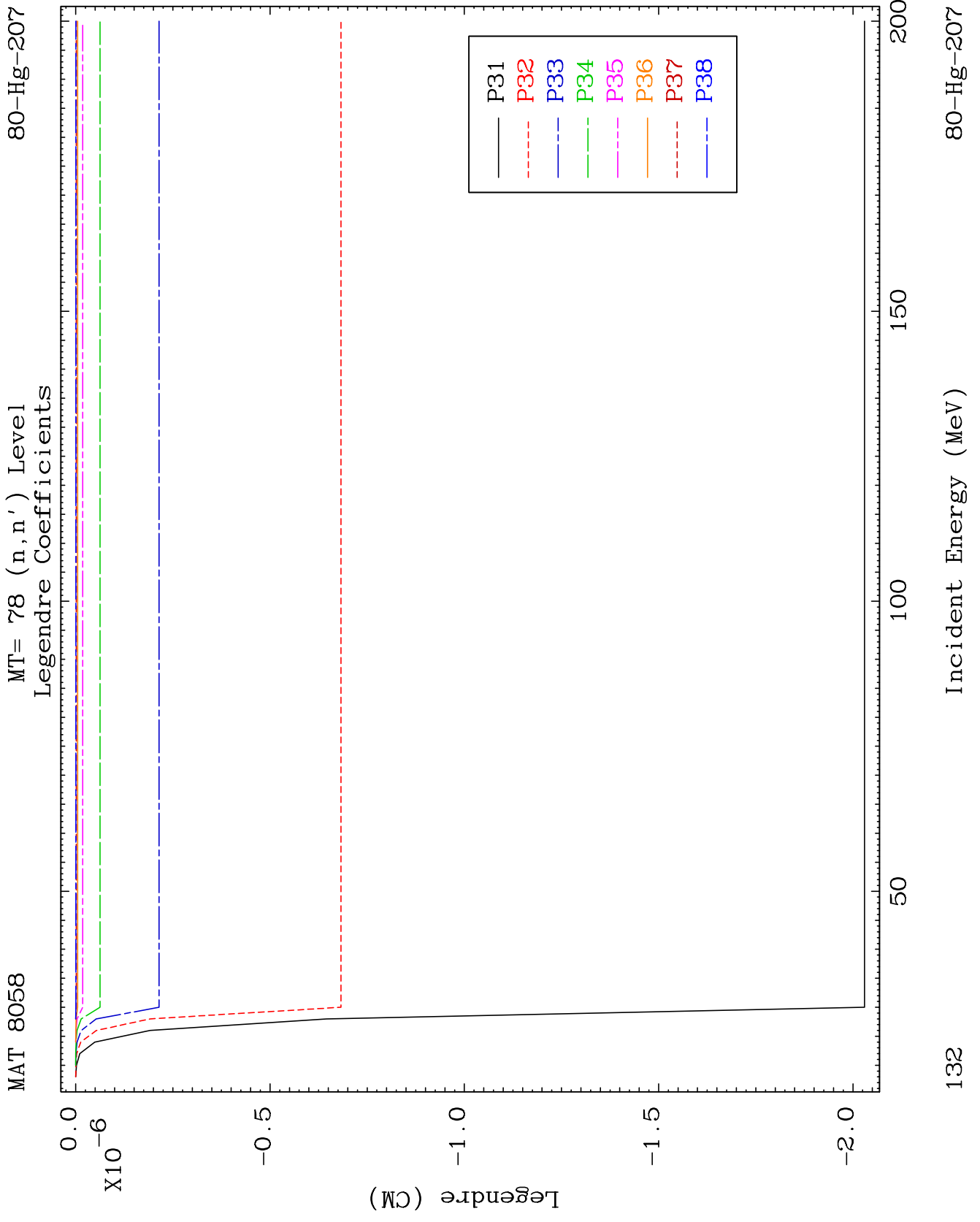


80-Hg-207

Incident Energy (MeV)

130

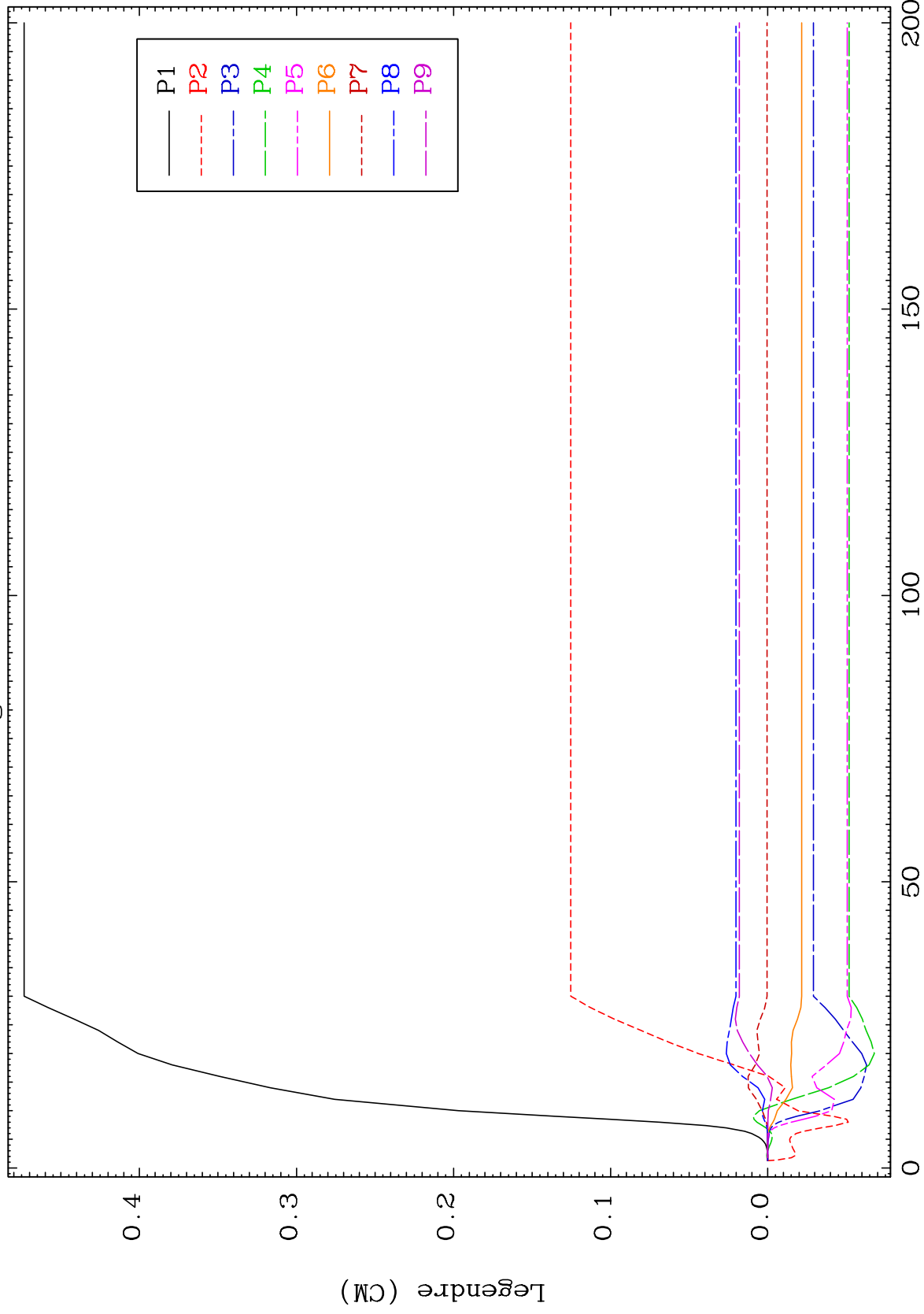




MAT 8058

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

80-Hg-207



80-Hg-207

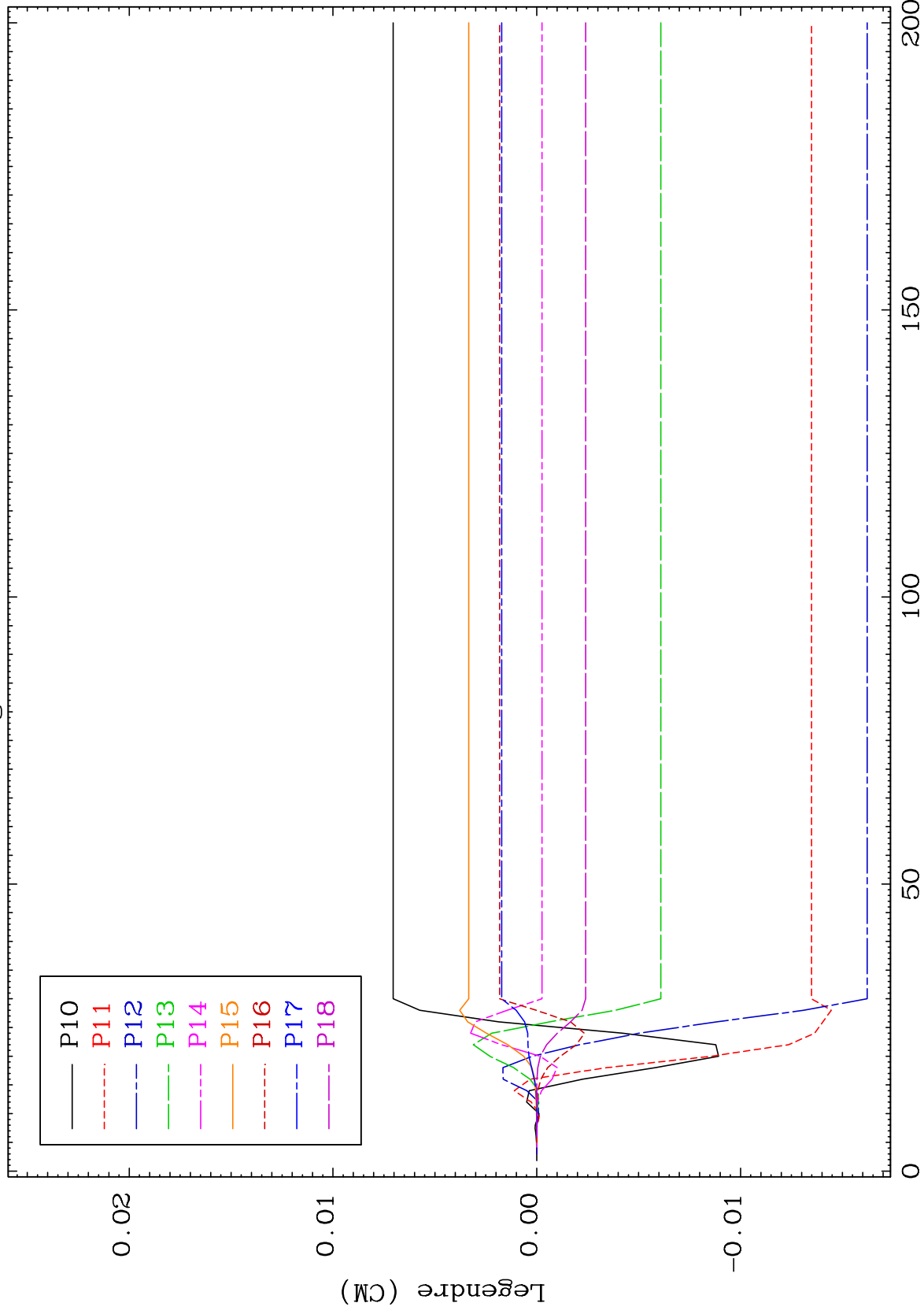
Incident Energy (MeV)

133

MAT 8058

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

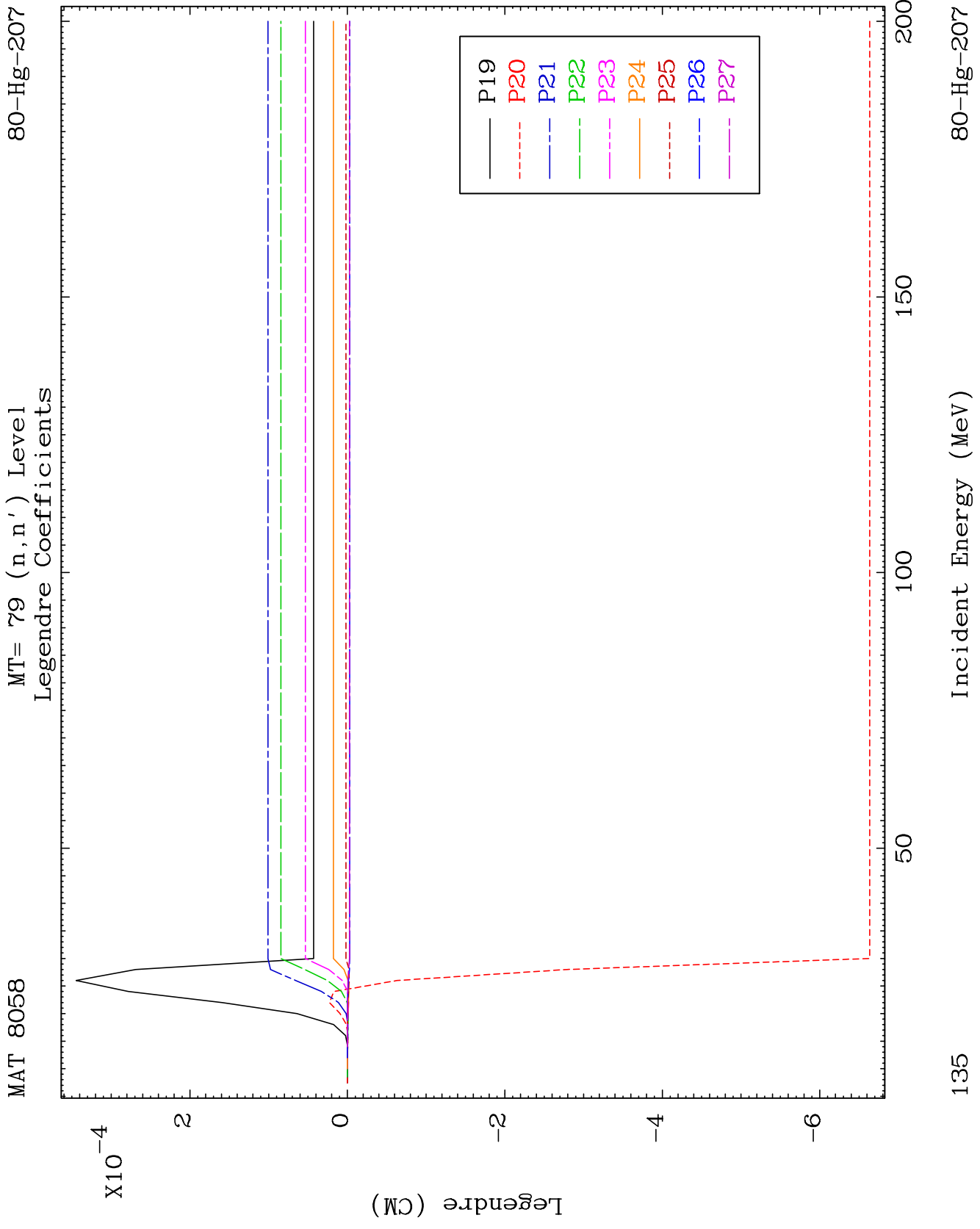
80-Hg-207



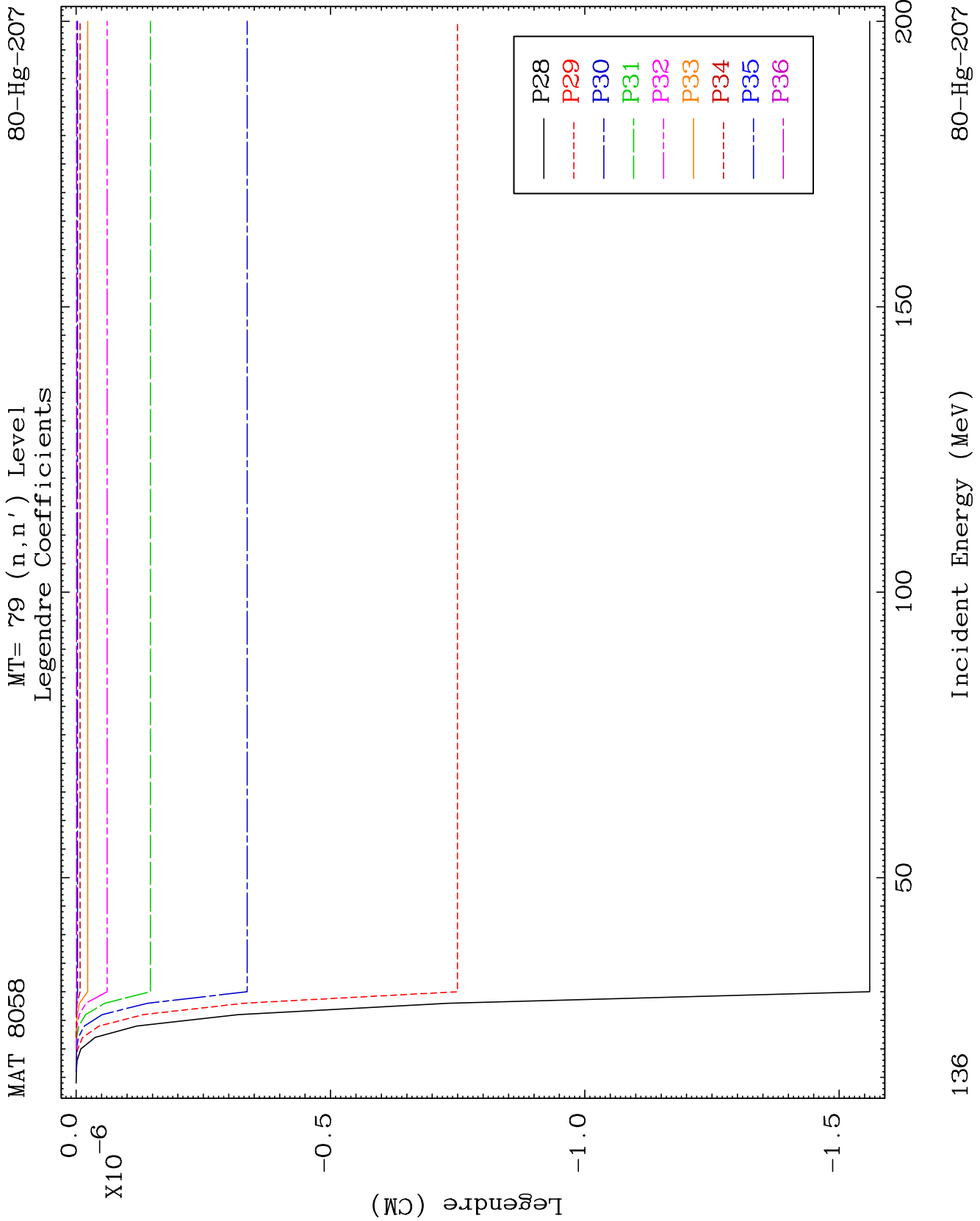
134

Incident Energy (MeV)

80-Hg-207





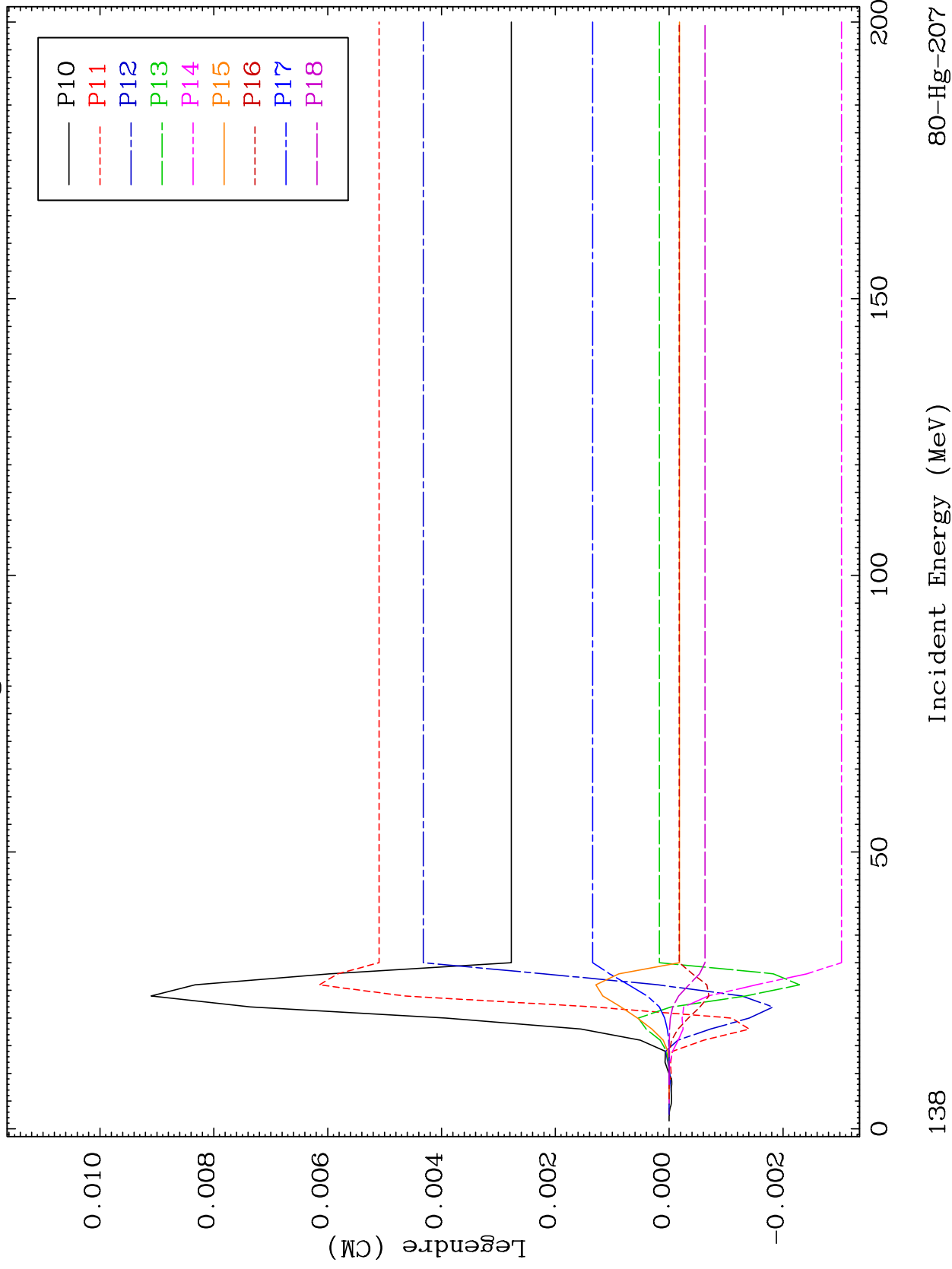




MAT 8058

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

80-Hg-207



138

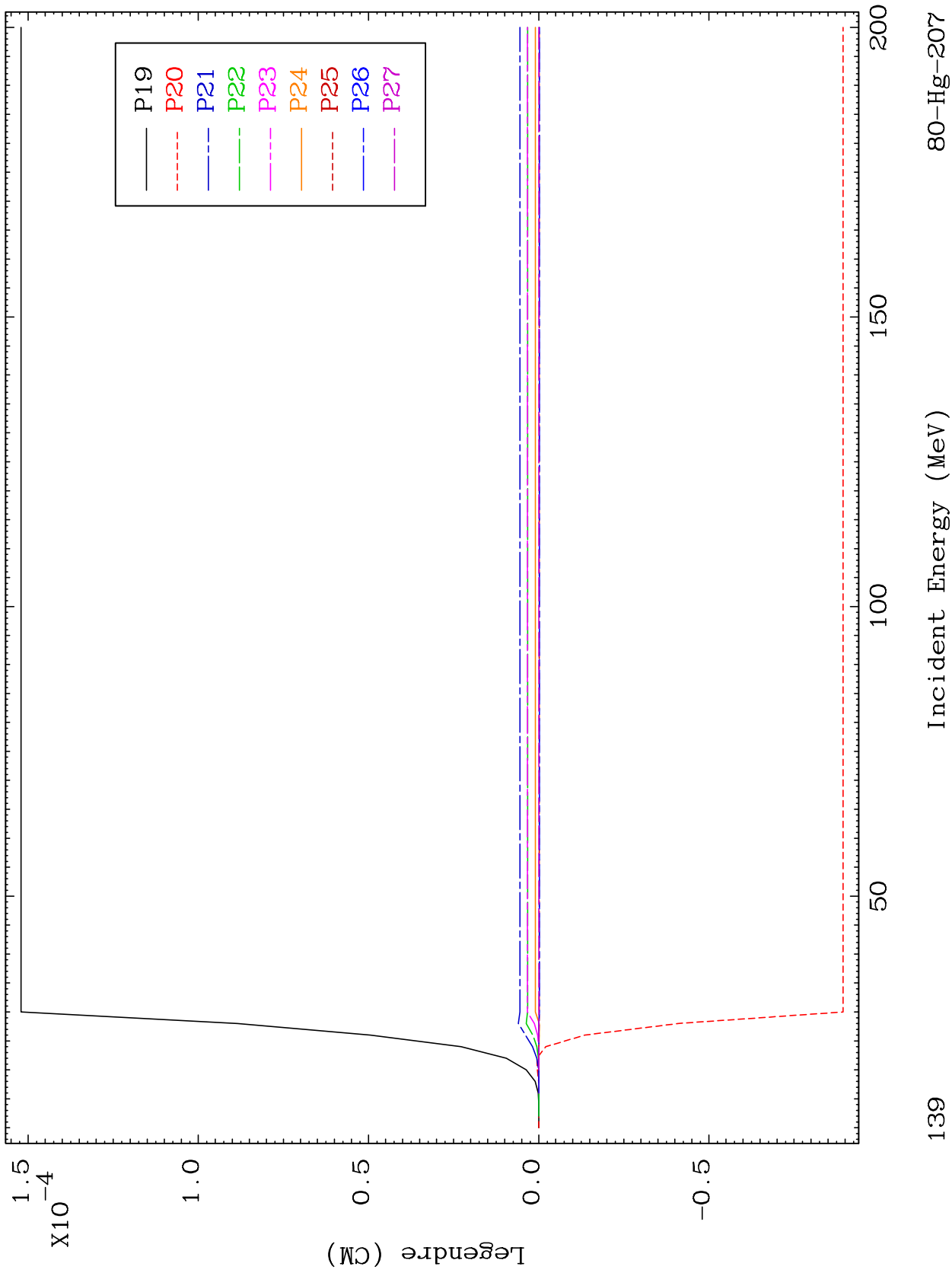
Incident Energy (MeV)

80-Hg-207

MAT 8058

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

80-Hg-207



139

Incident Energy (MeV)

80-Hg-207

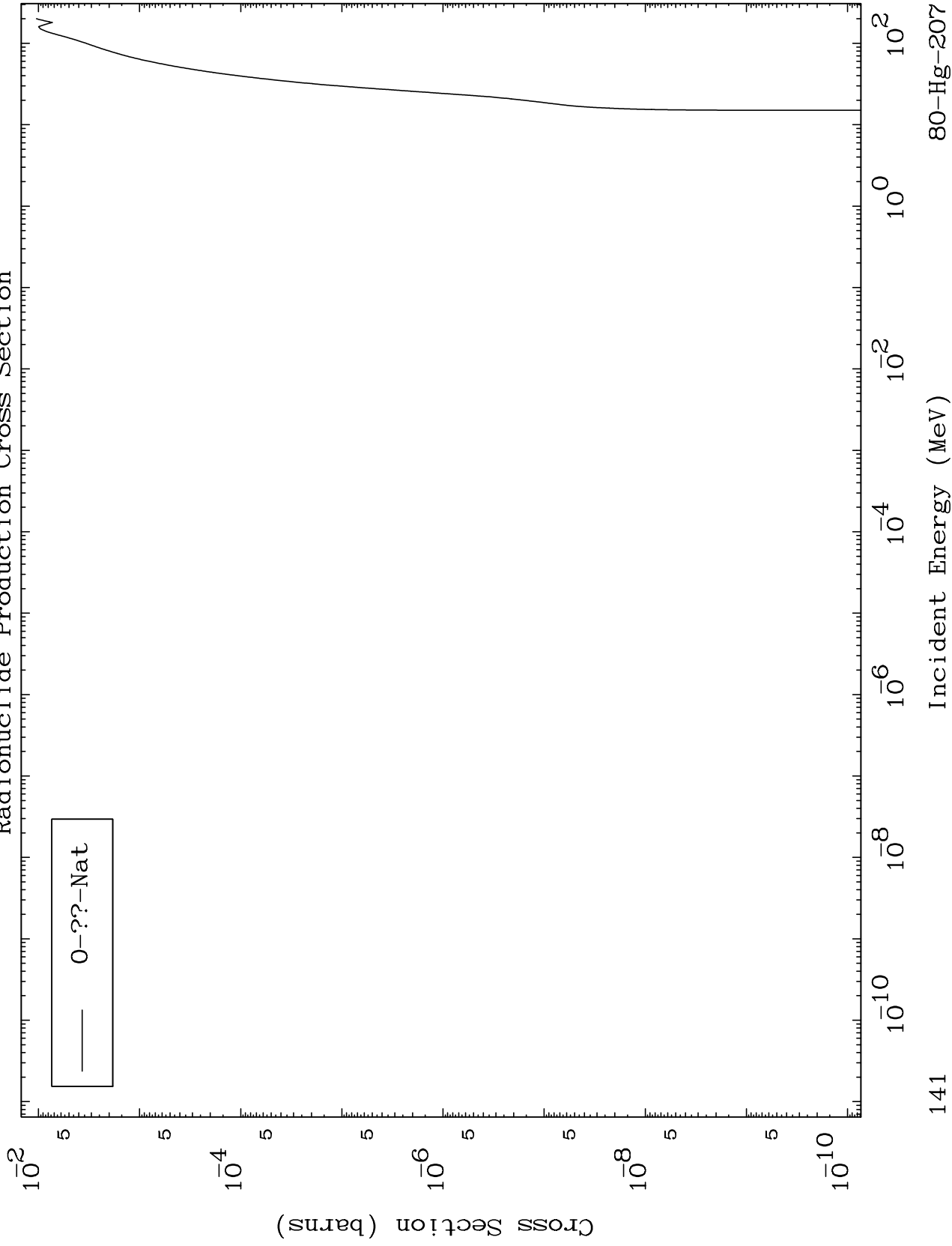


MAT 8058

Fission

80-Hg-207

Radionuclide Production Cross Section



141

Incident Energy (MeV)

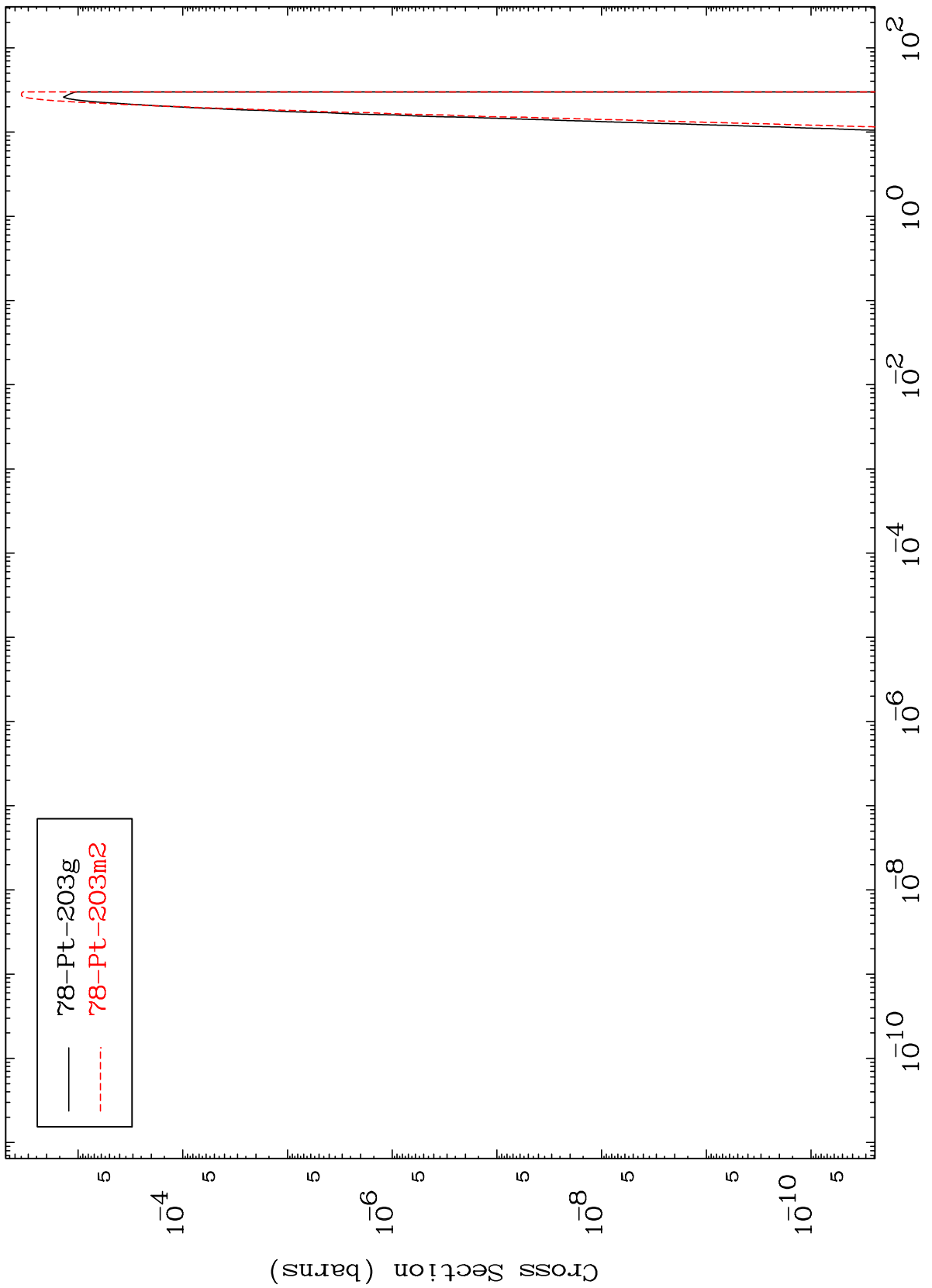
80-Hg-207

MAT 8058

$(n, n') \alpha$

80-Hg-207

Radionuclide Production Cross Section

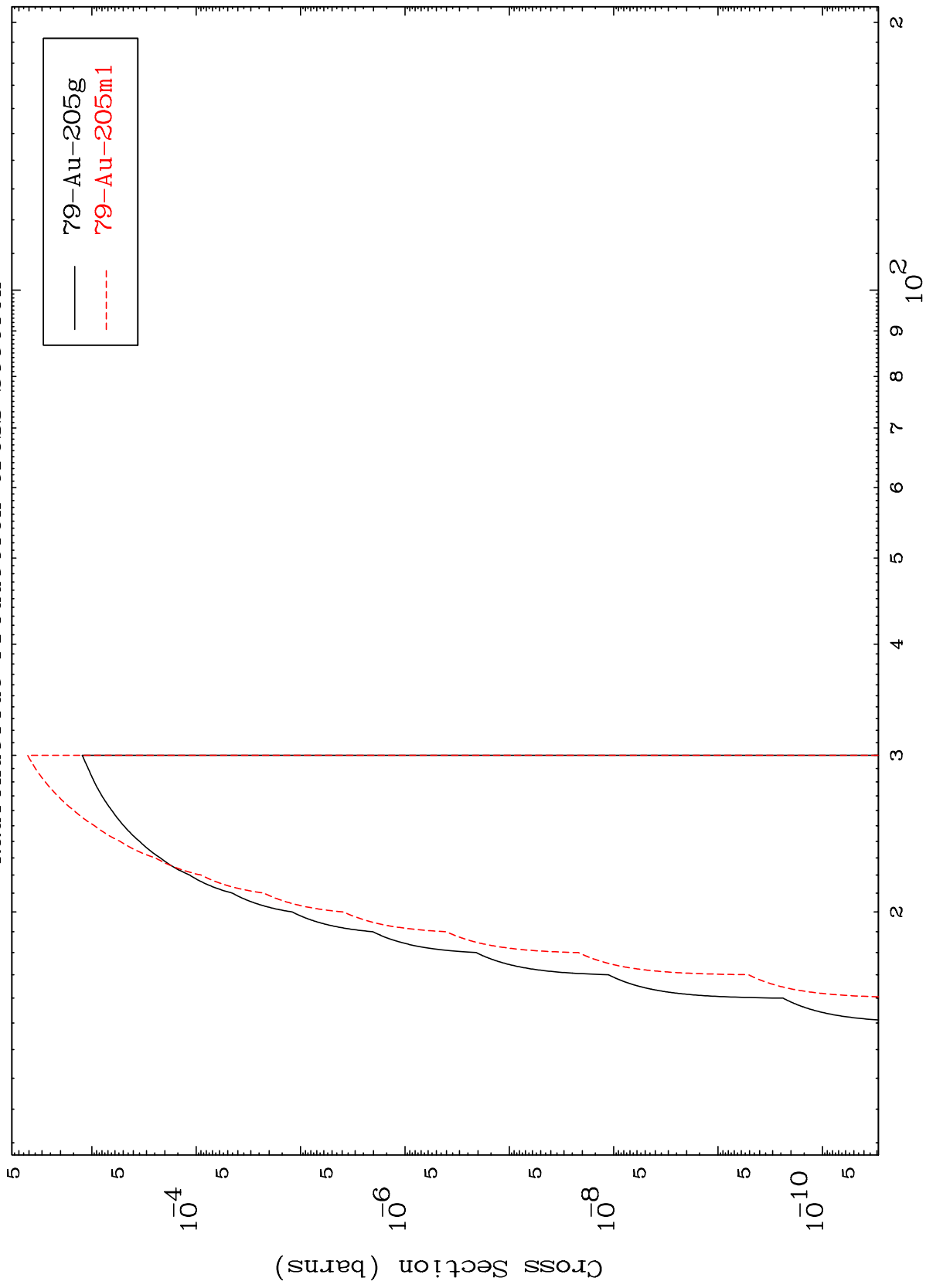


78-Pt-203g  
78-Pt-203m2

MAT 8058

80-Hg-207

$(n, n')$  d  
Radionuclide Production Cross Section

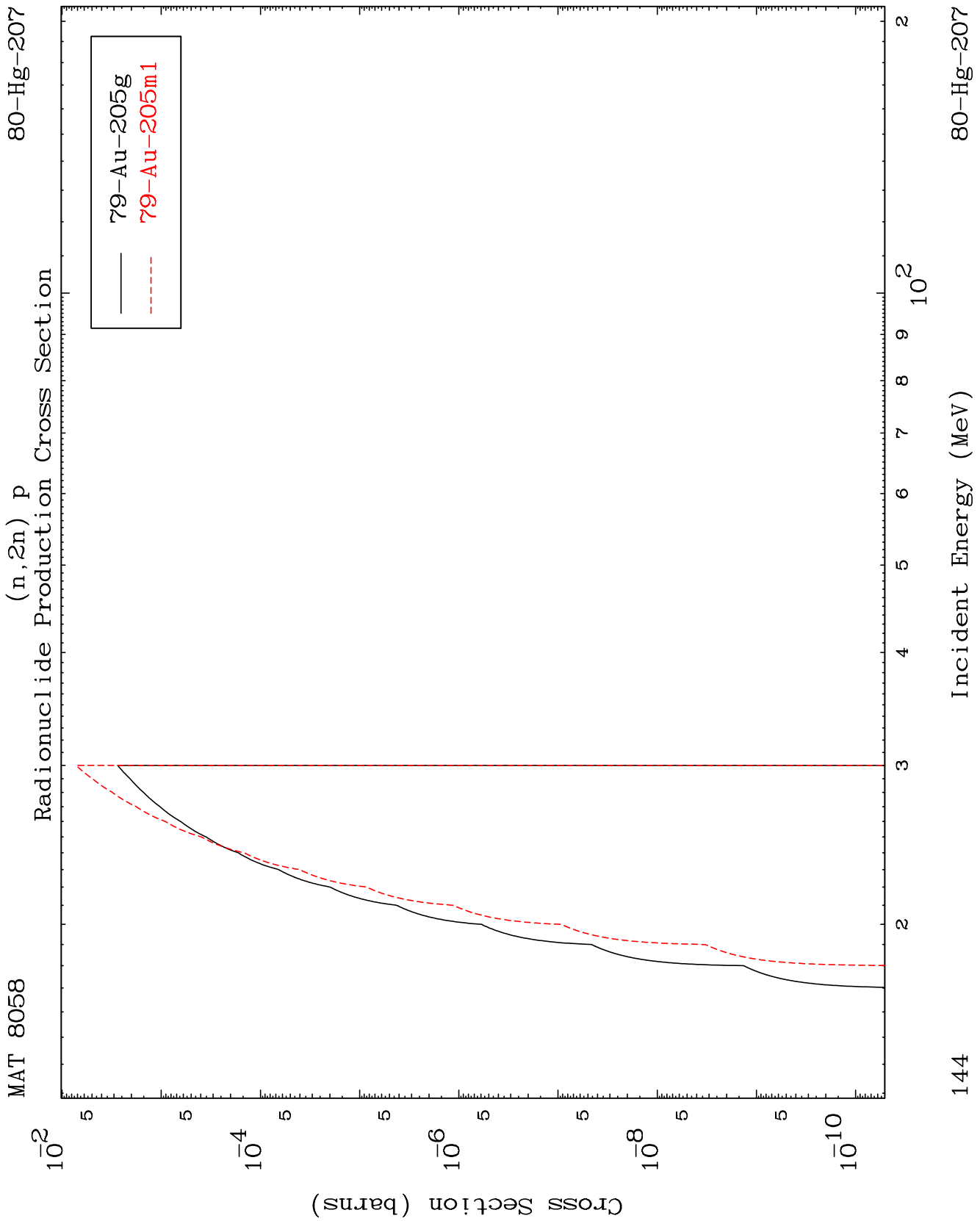


143

Incident Energy (MeV)

80-Hg-207

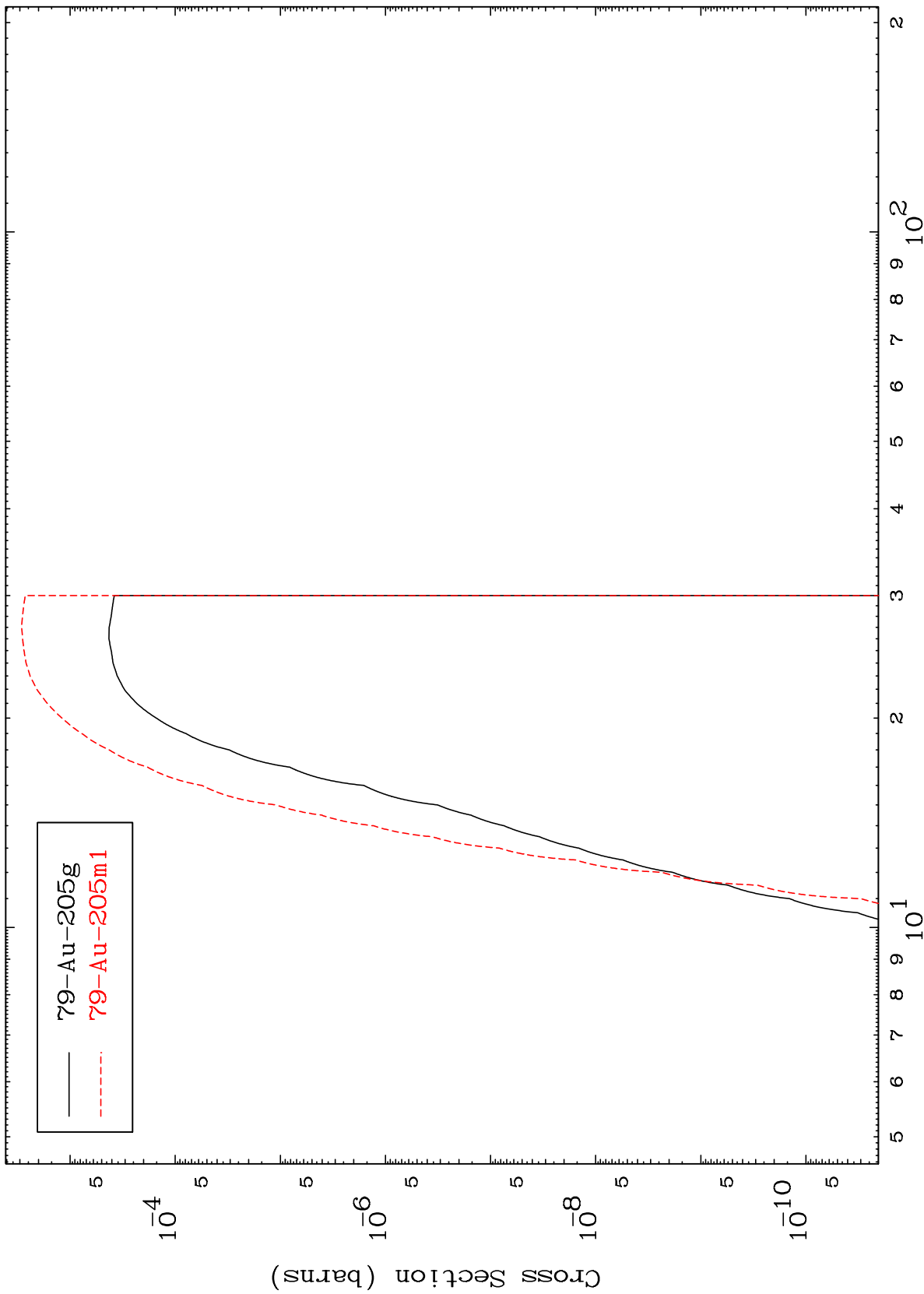




MAT 8058

80-Hg-207

(n, t)  
Radionuclide Production Cross Section



— 79-Au-205g  
- - - 79-Au-205m1

80-Hg-207

Incident Energy (MeV)

145