

Program EVALPLOT
(Version 2018-1)

by

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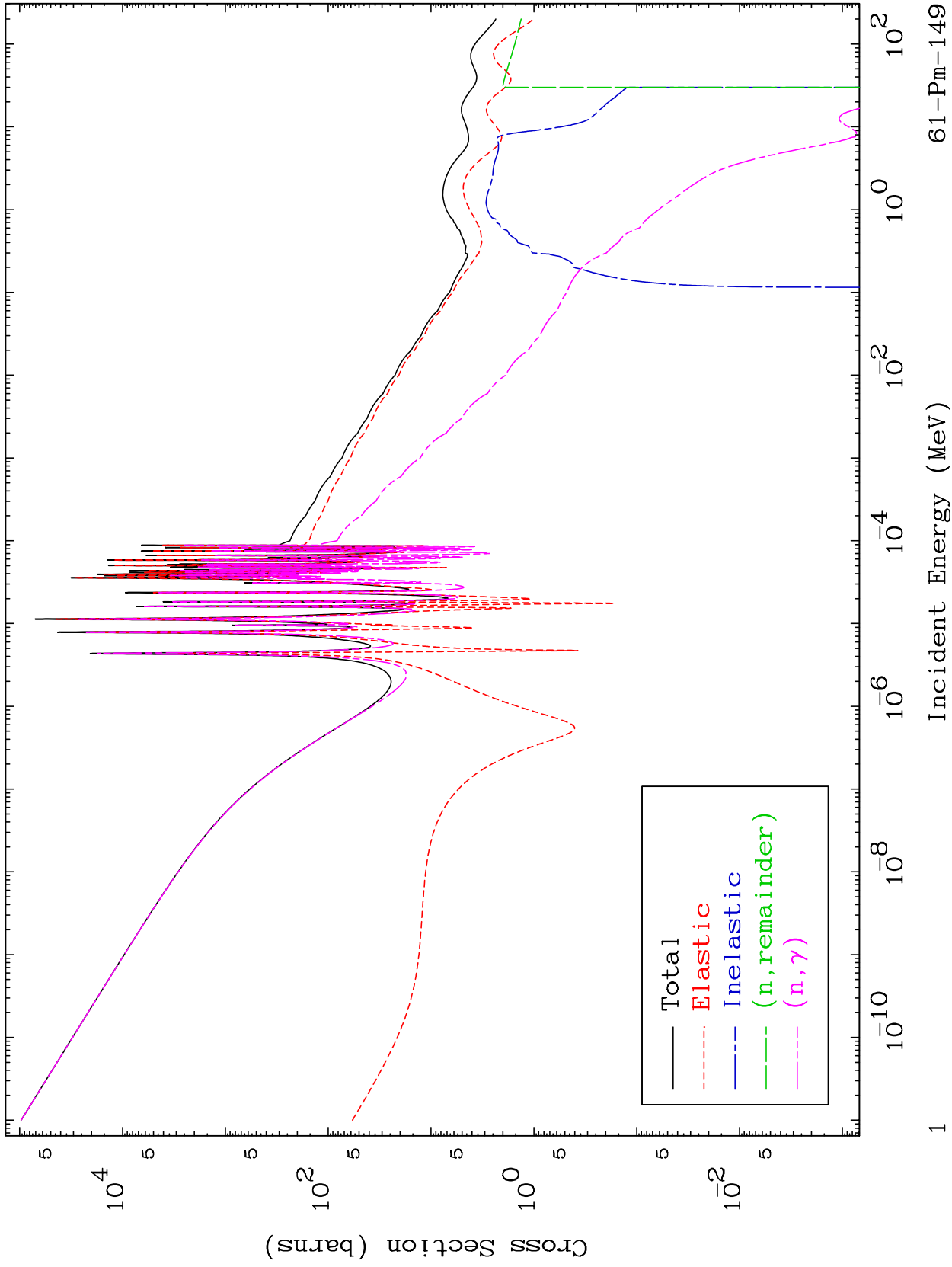
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Press Mouse Button to Start

MAT 6155

Major
293 Kelvin Cross Sections

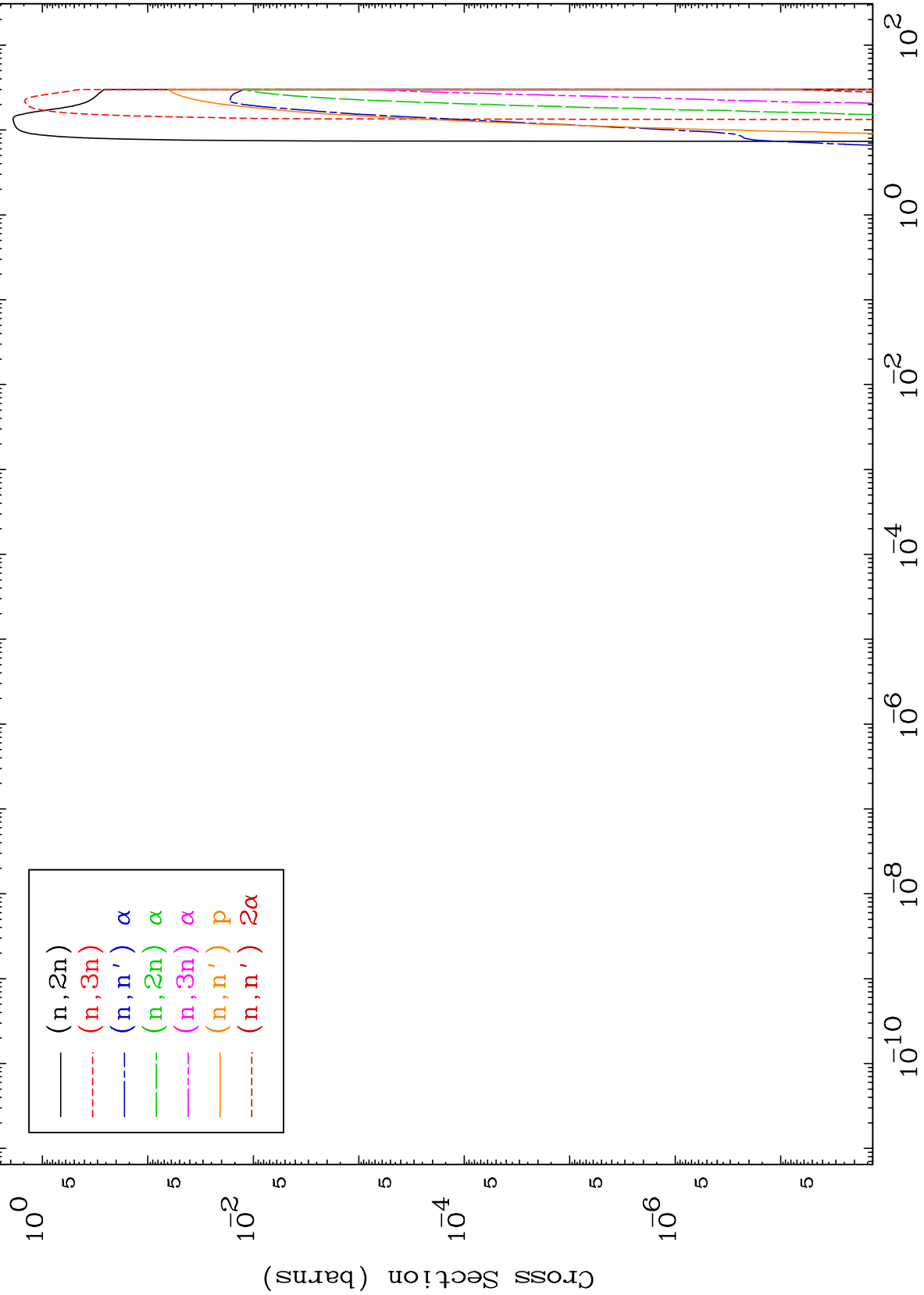
61-Pm-149



MAT 6155

Neutron Production
293 Kelvin Cross Sections

61-Pm-149



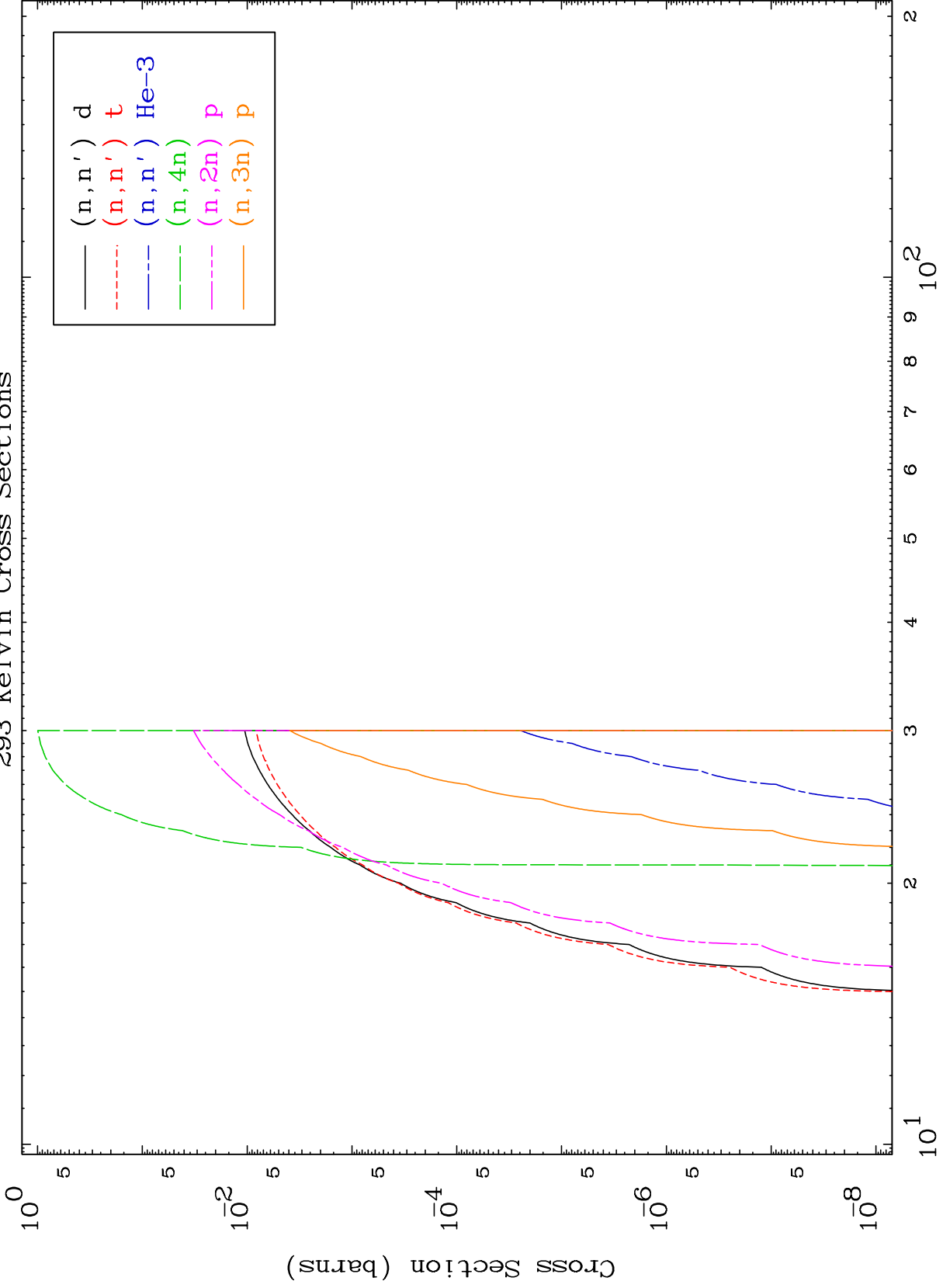
61-Pm-149

Incident Energy (MeV)

MAT 6155

Neutron Production
293 Kelvin Cross Sections

61-Pm-149



61-Pm-149

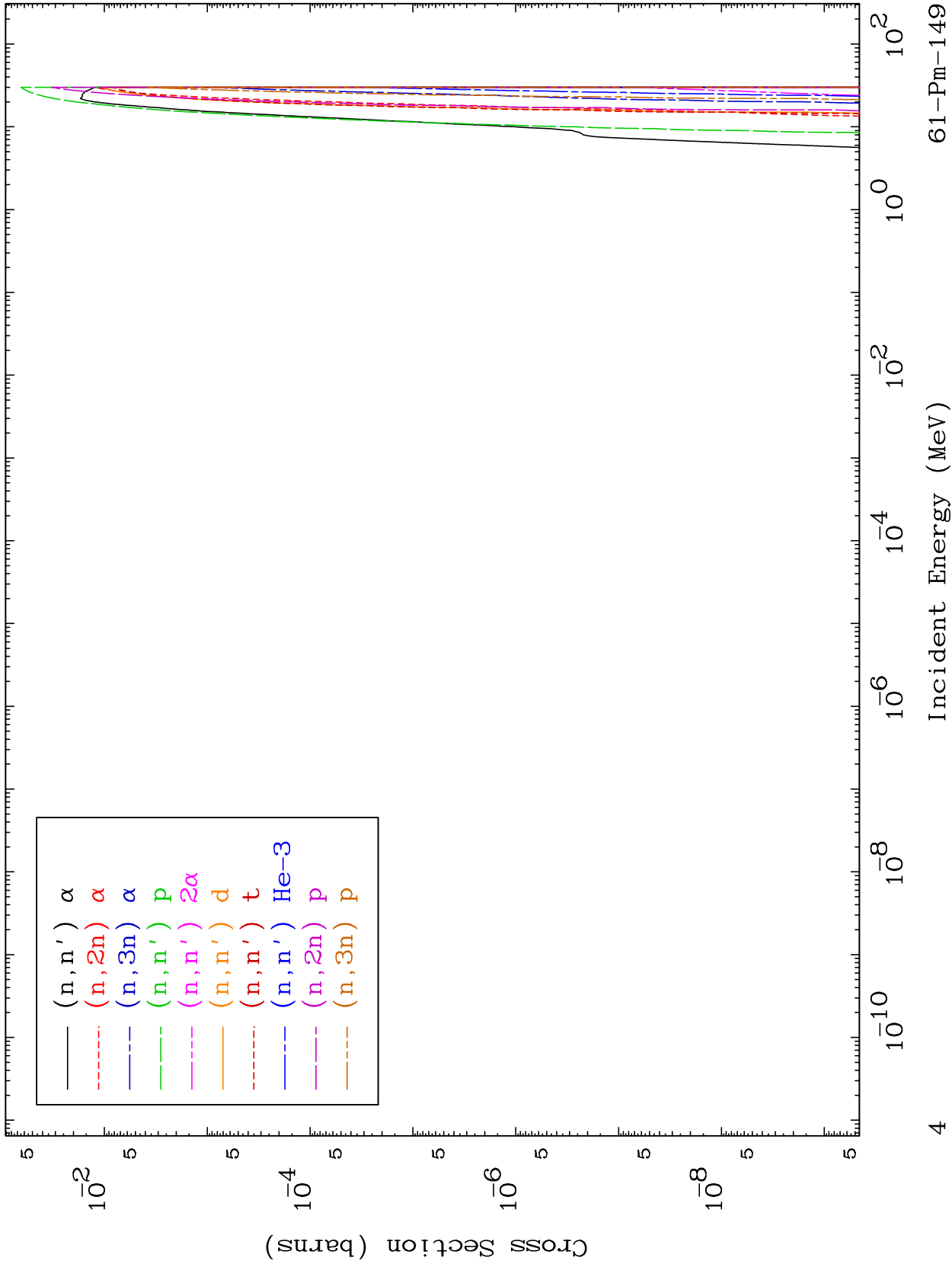
Incident Energy (MeV)

3

MAT 6155

Charged Particle
293 Kelvin Cross Sections

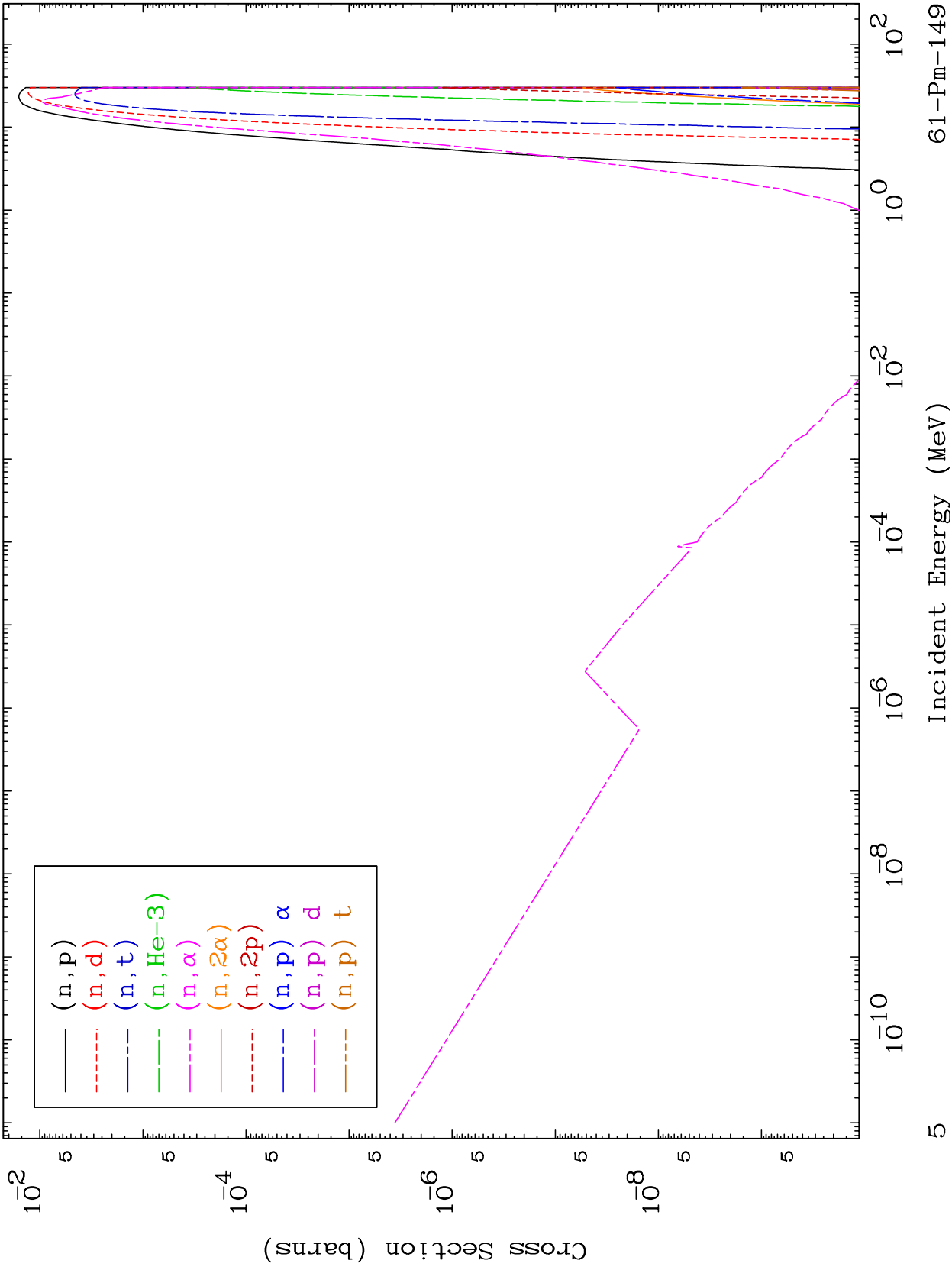
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MAT 6155

Charged Particle
293 Kelvin Cross Sections

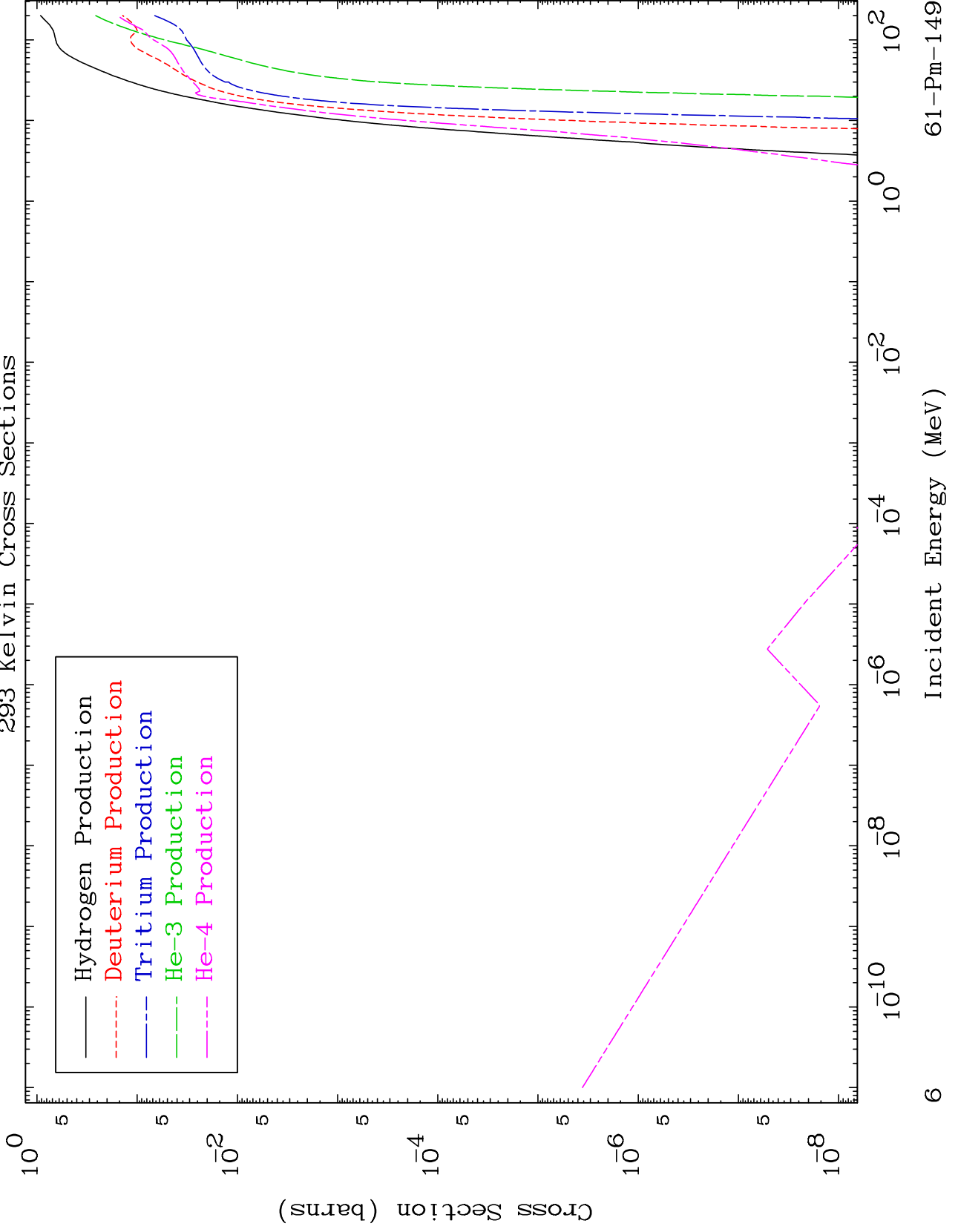
61-Pm-149



MAT 6155

Particle Production
293 Kelvin Cross Sections

61-Pm-149

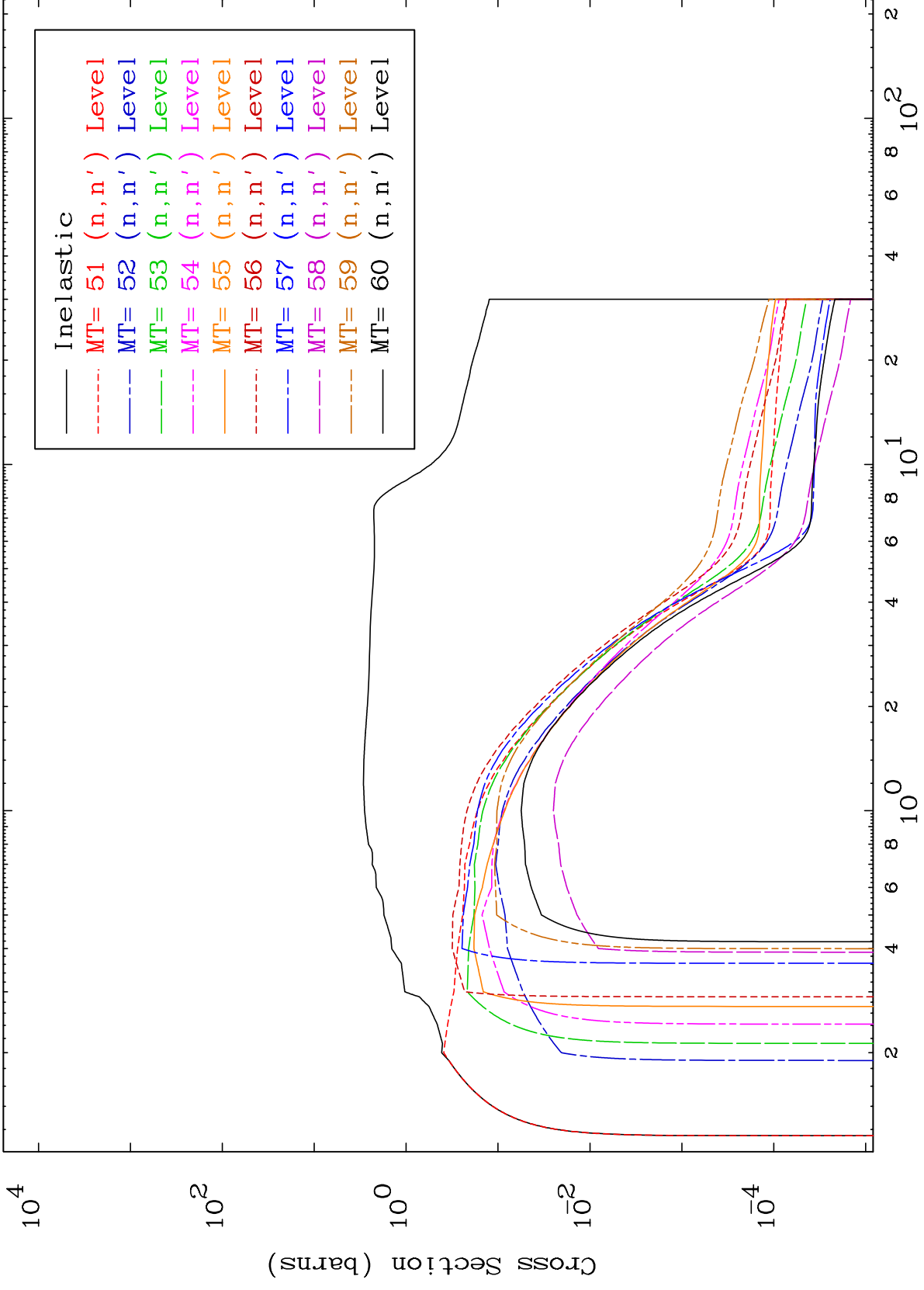


MAT 6155

(n,n') Level

61-Pm-149

293 Kelvin Cross Sections

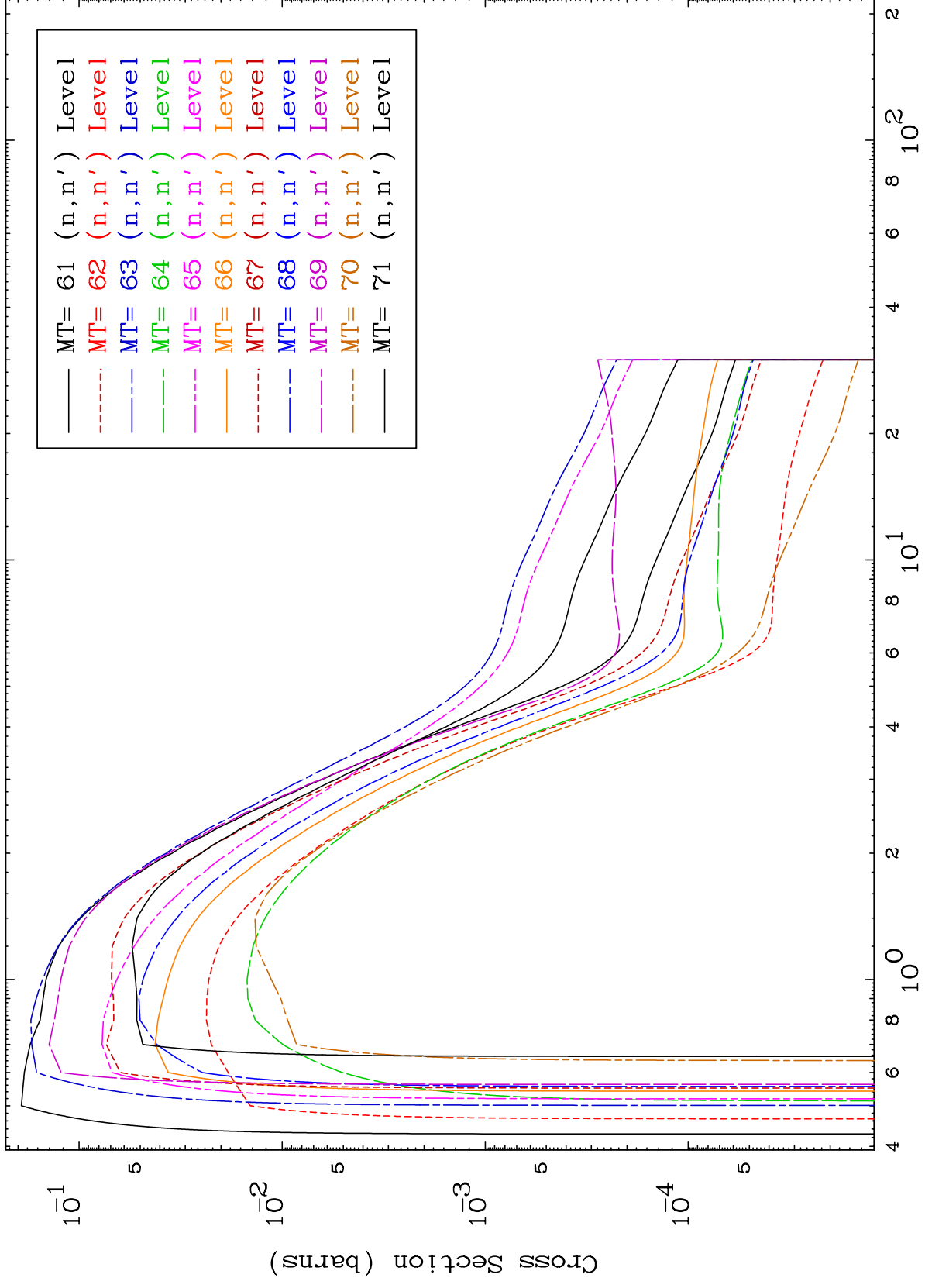


MAT 6155

(n,n') Level

61-Pm-149

293 Kelvin Cross Sections

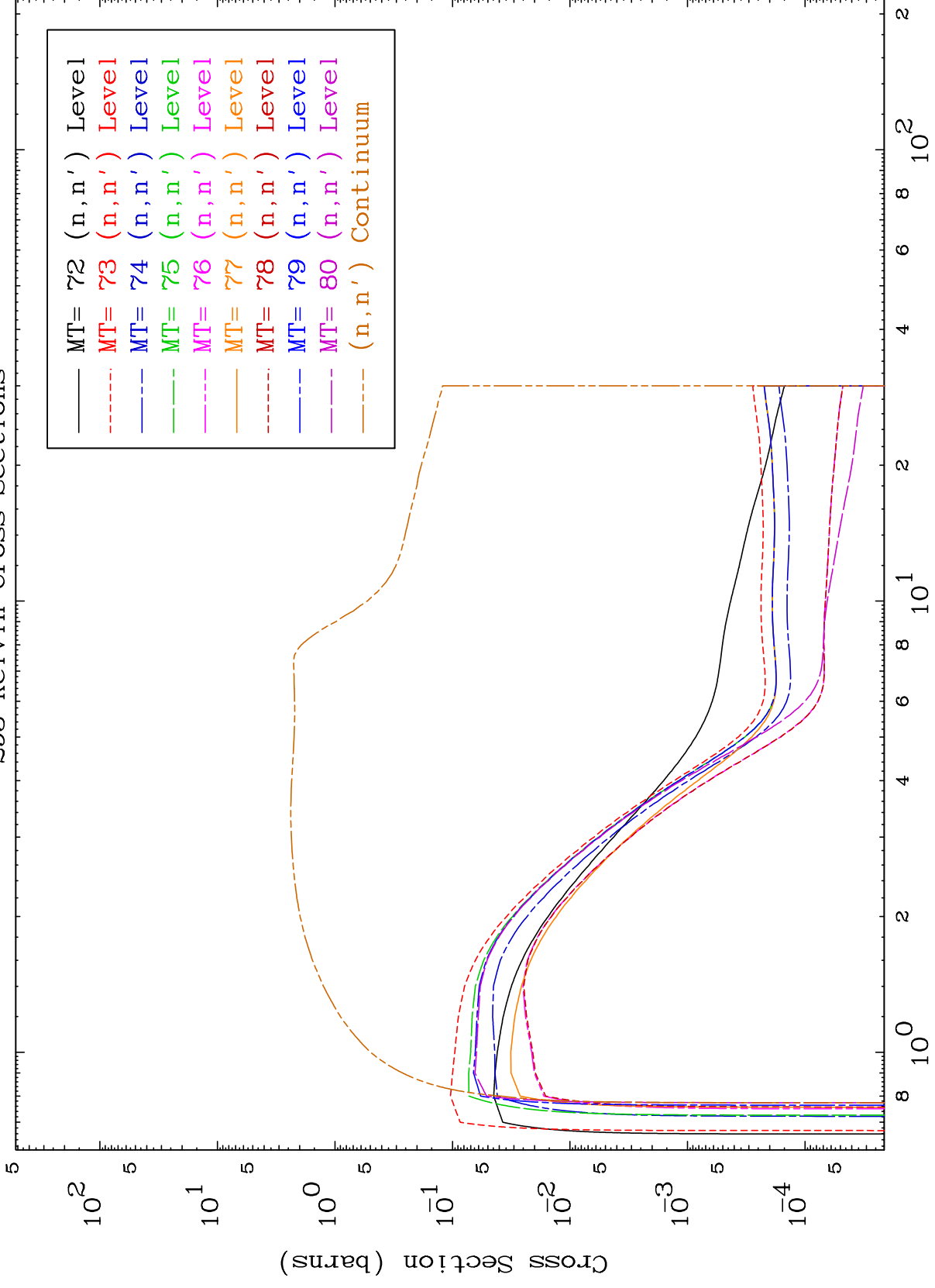


Incident Energy (MeV)

61-Pm-149

8

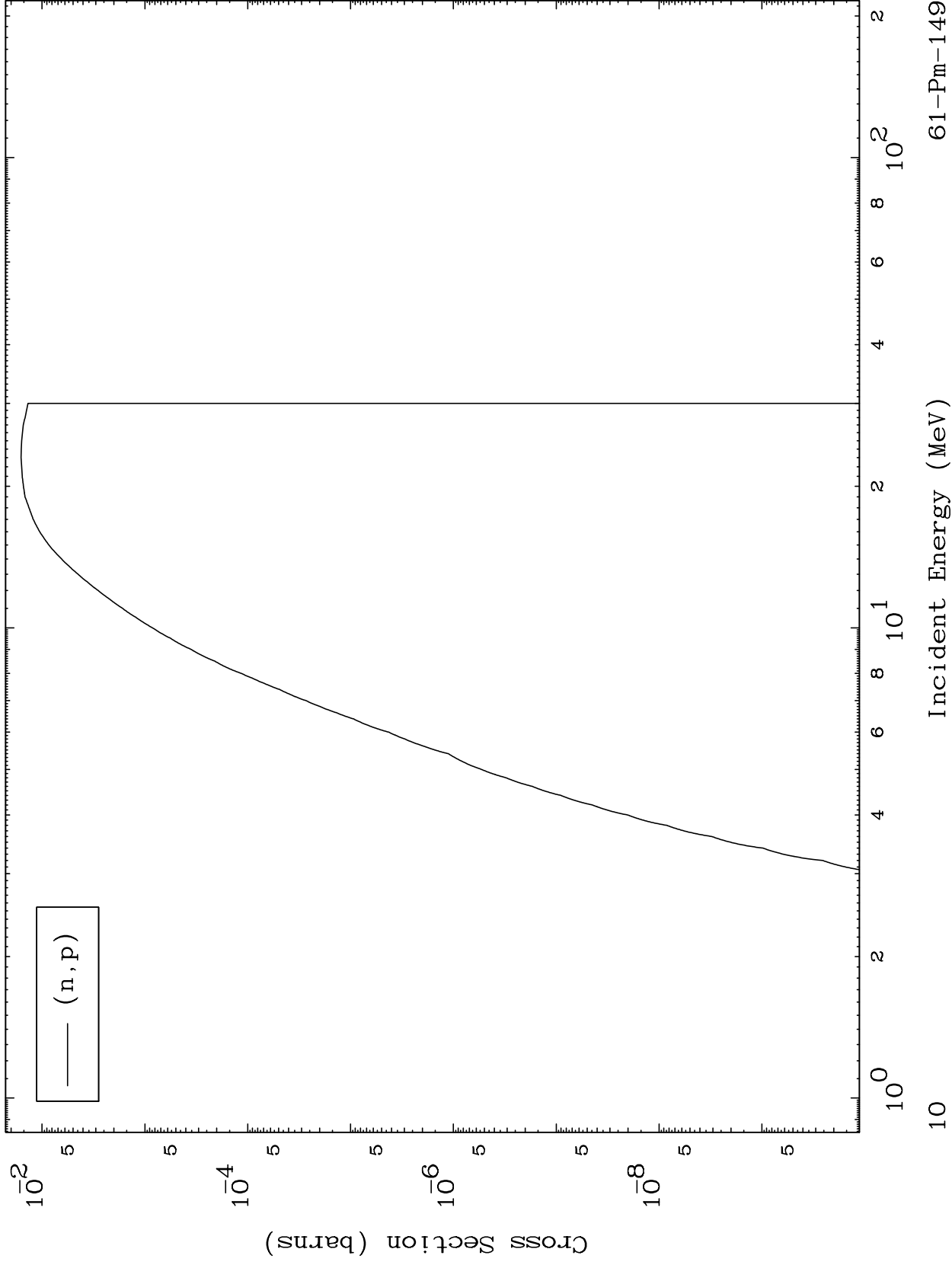
293 Kelvin Cross Sections



MAT 6155

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-149

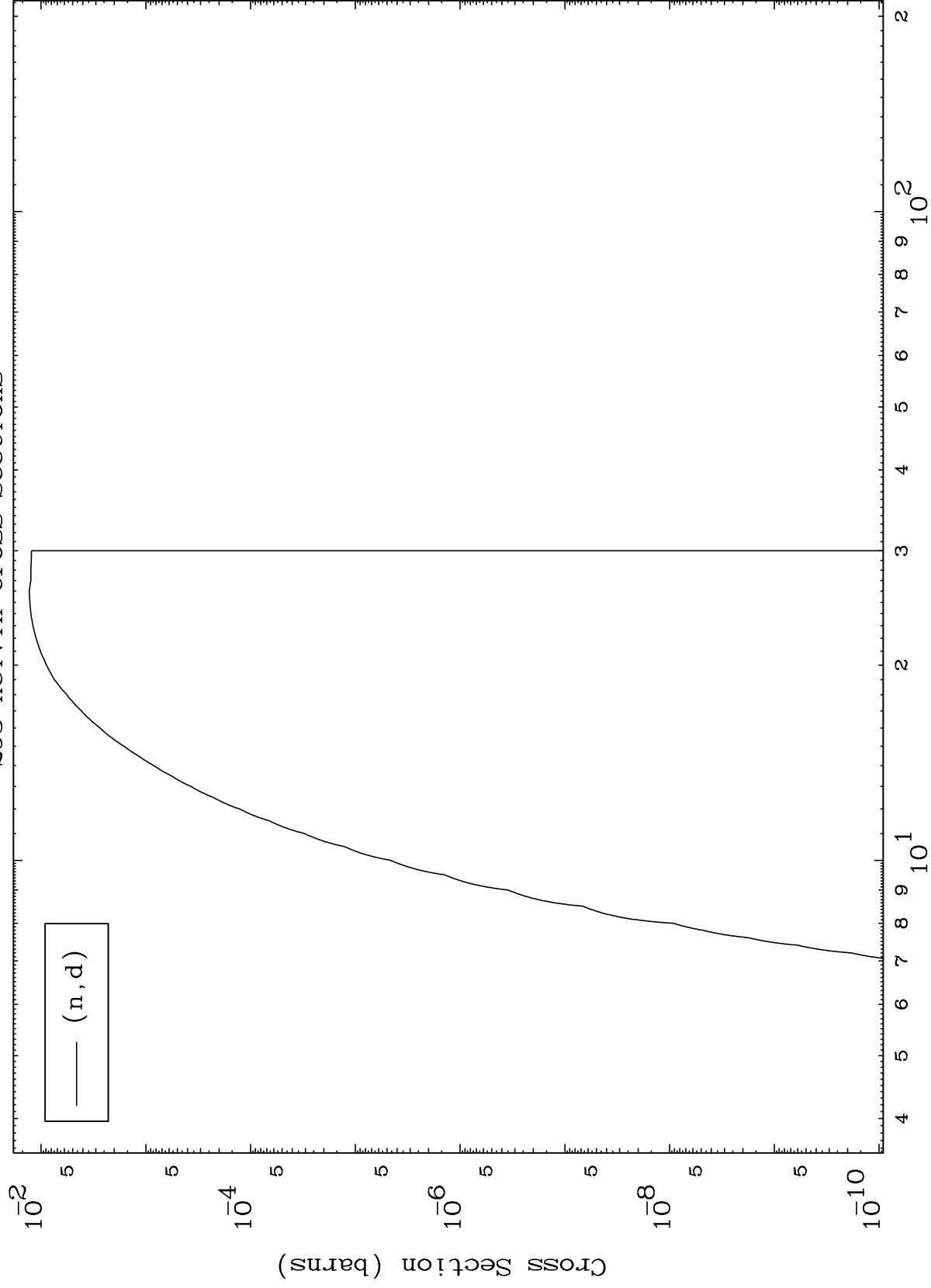


61-Pm-149

MAT 6155

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-149



11

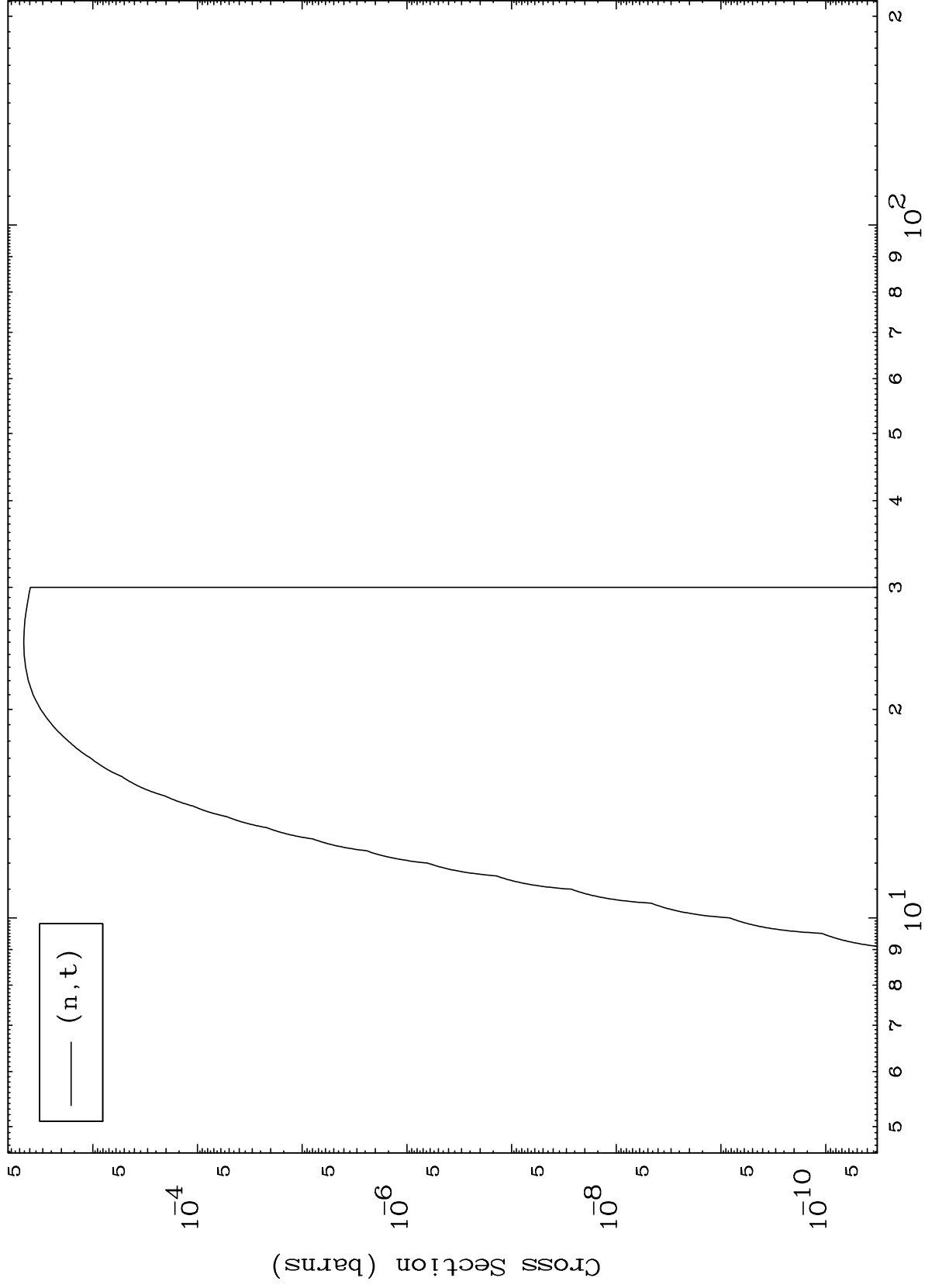
Incident Energy (MeV)

61-Pm-149

MAT 6155

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-149



12

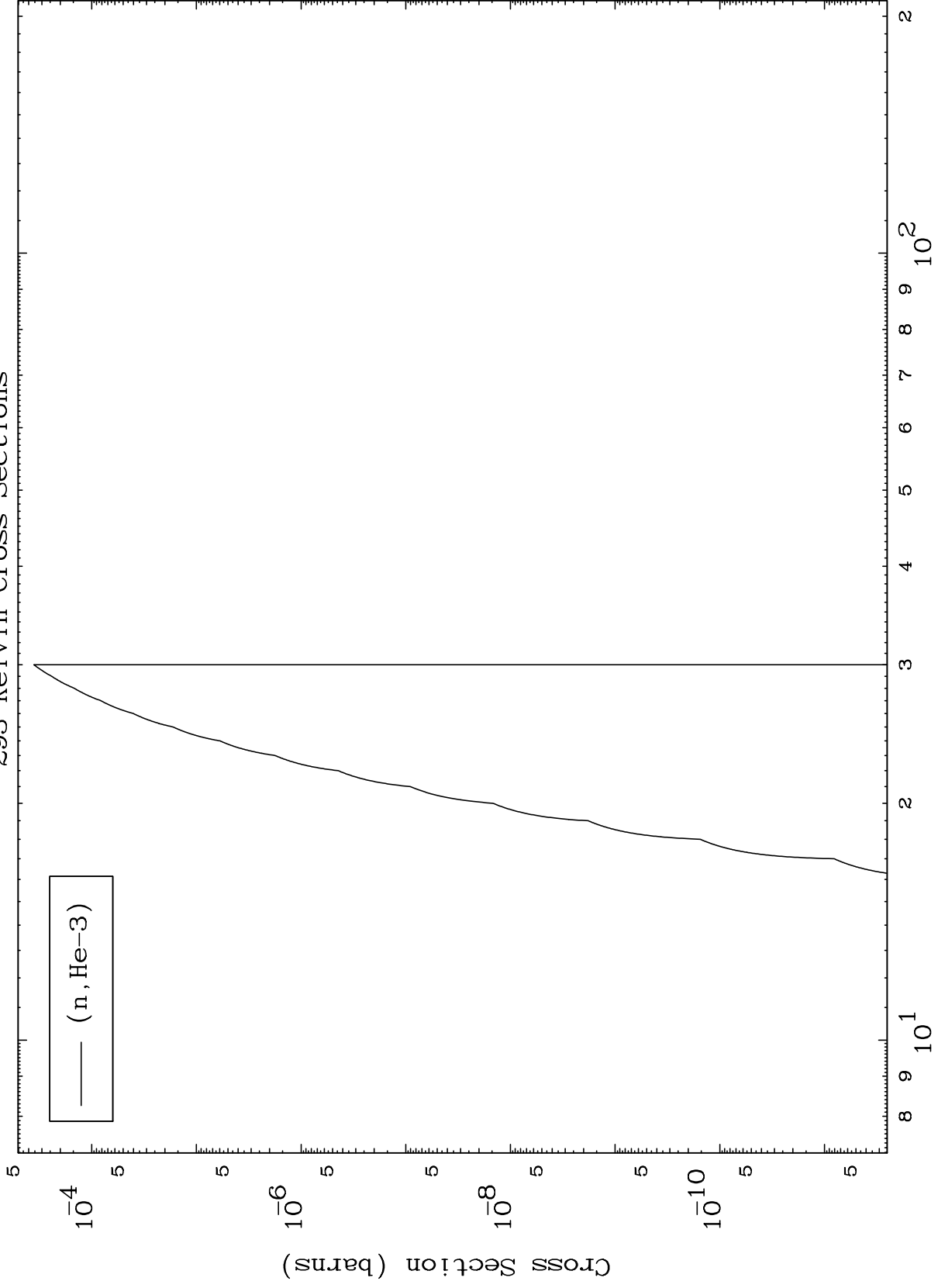
Incident Energy (MeV)

61-Pm-149

MAT 6155

(n,He3) Levels
293 Kelvin Cross Sections

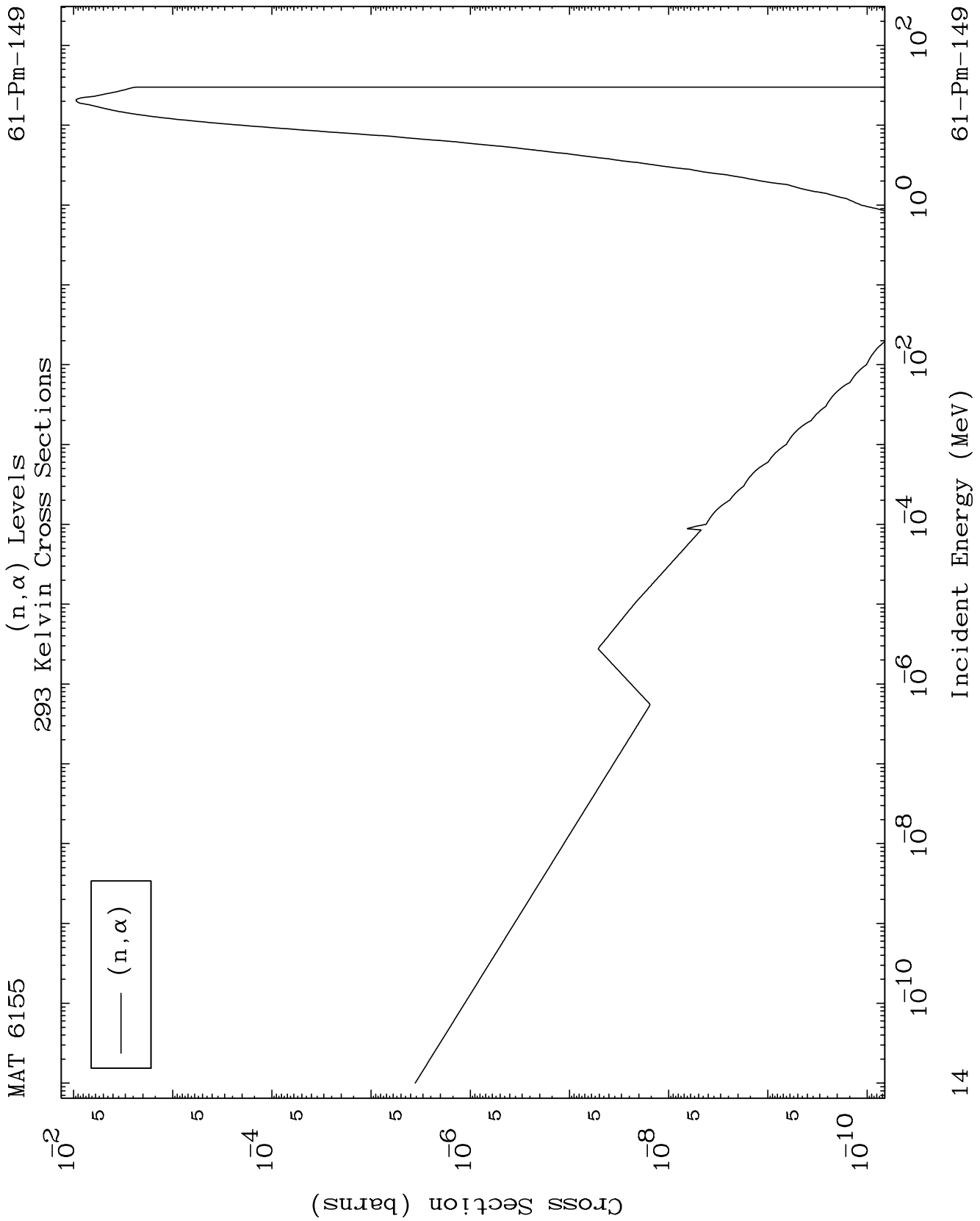
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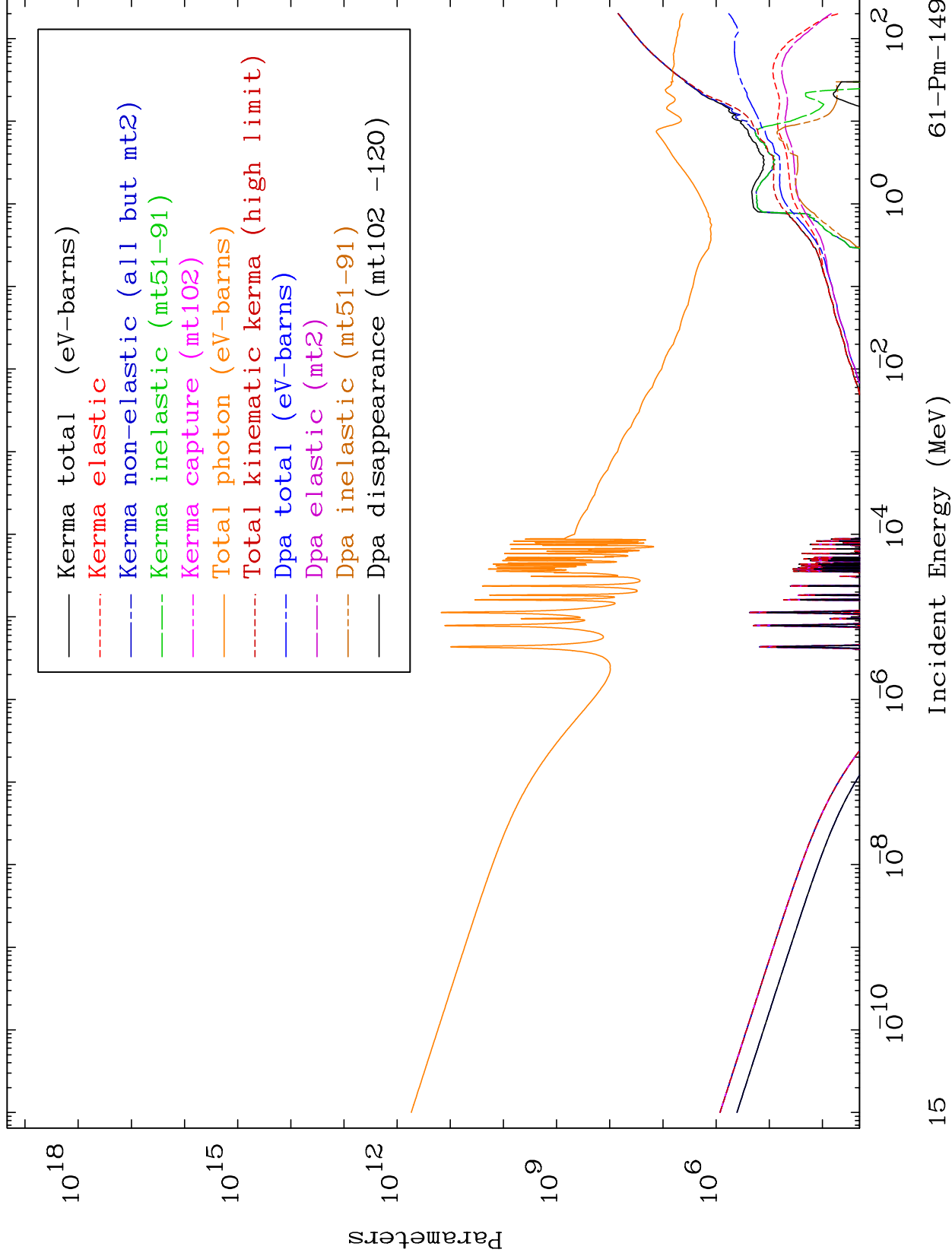


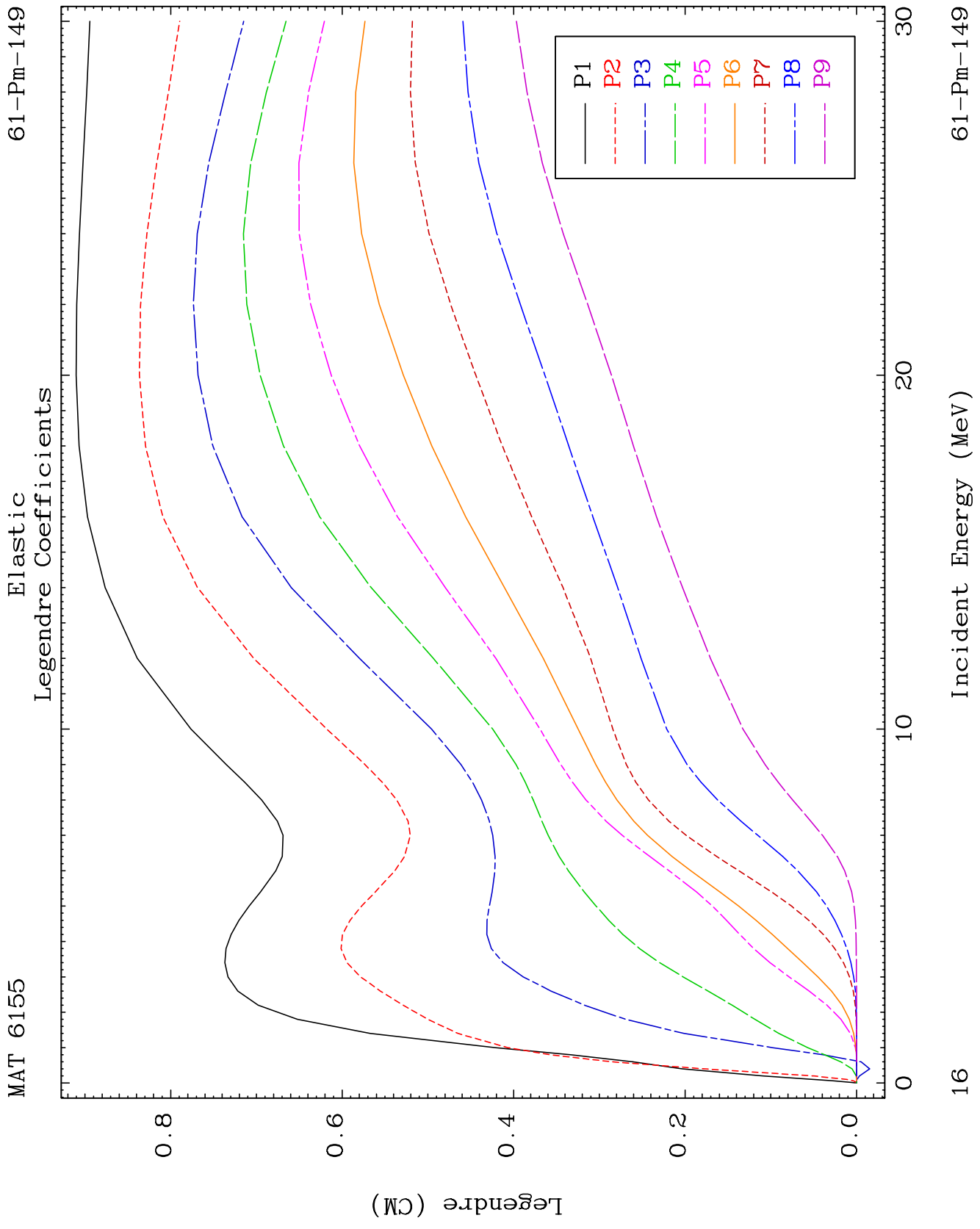
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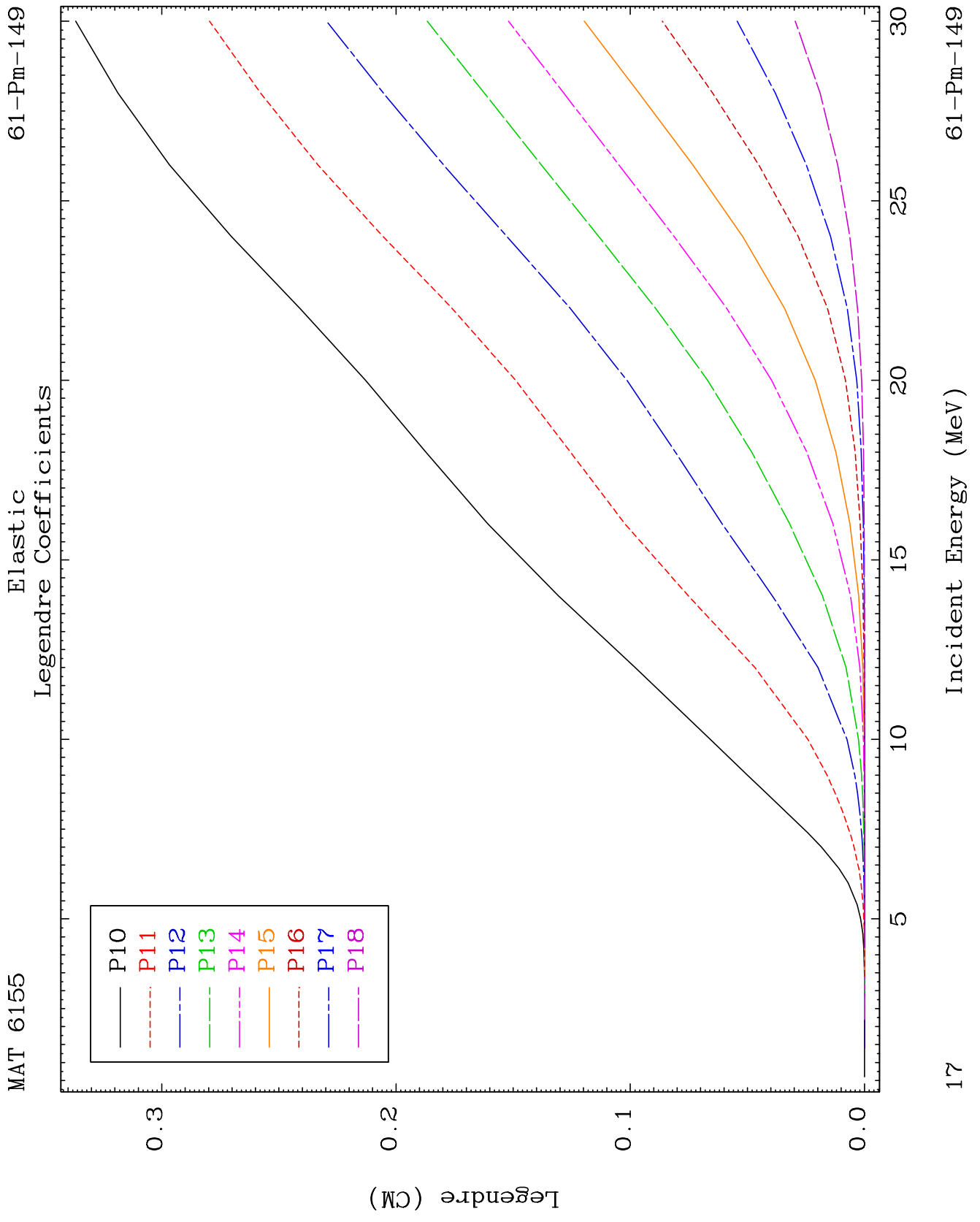
Incident Energy (MeV)

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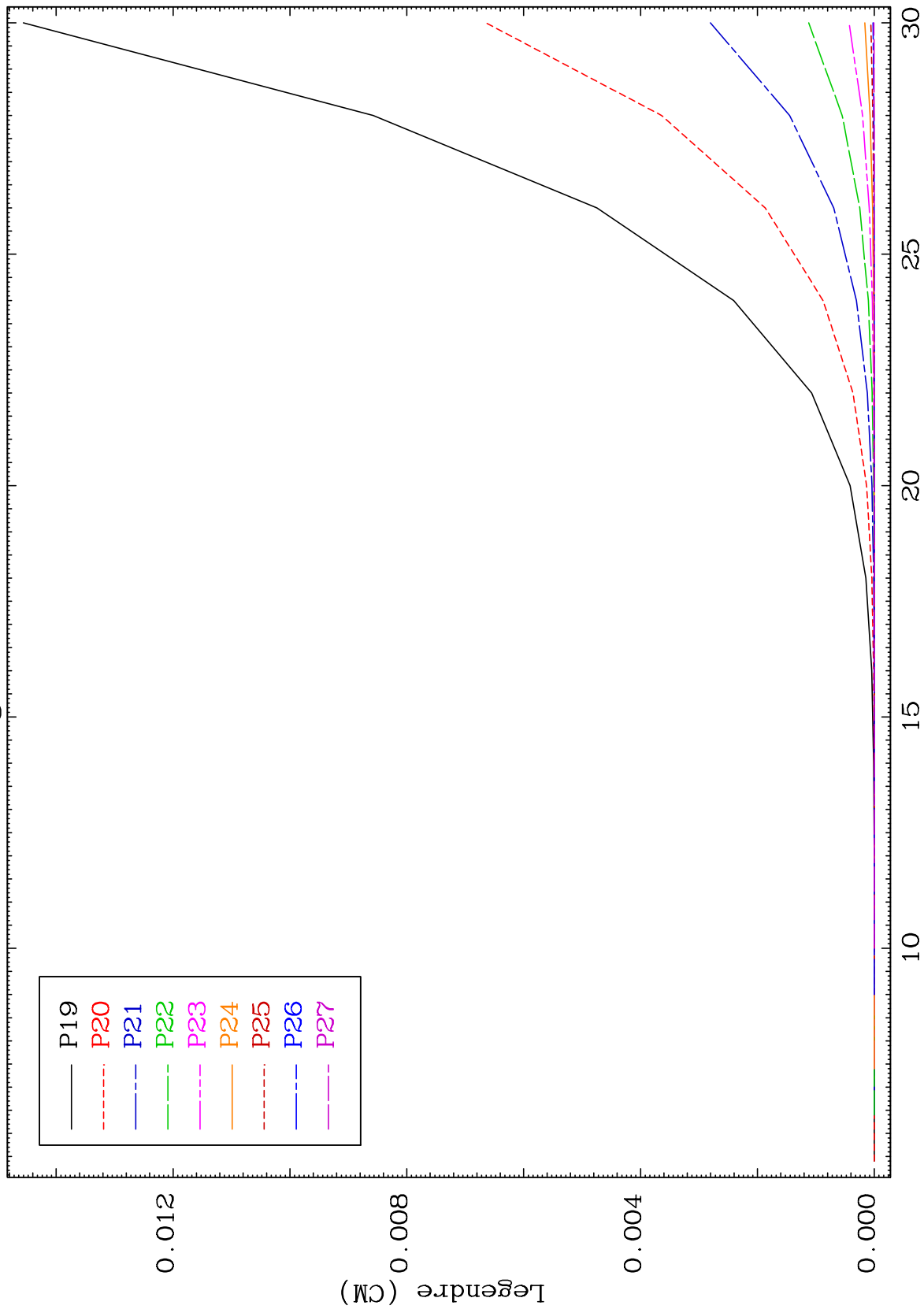




MAT 6155

Elastic Legendre Coefficients

61-Pm-149



18

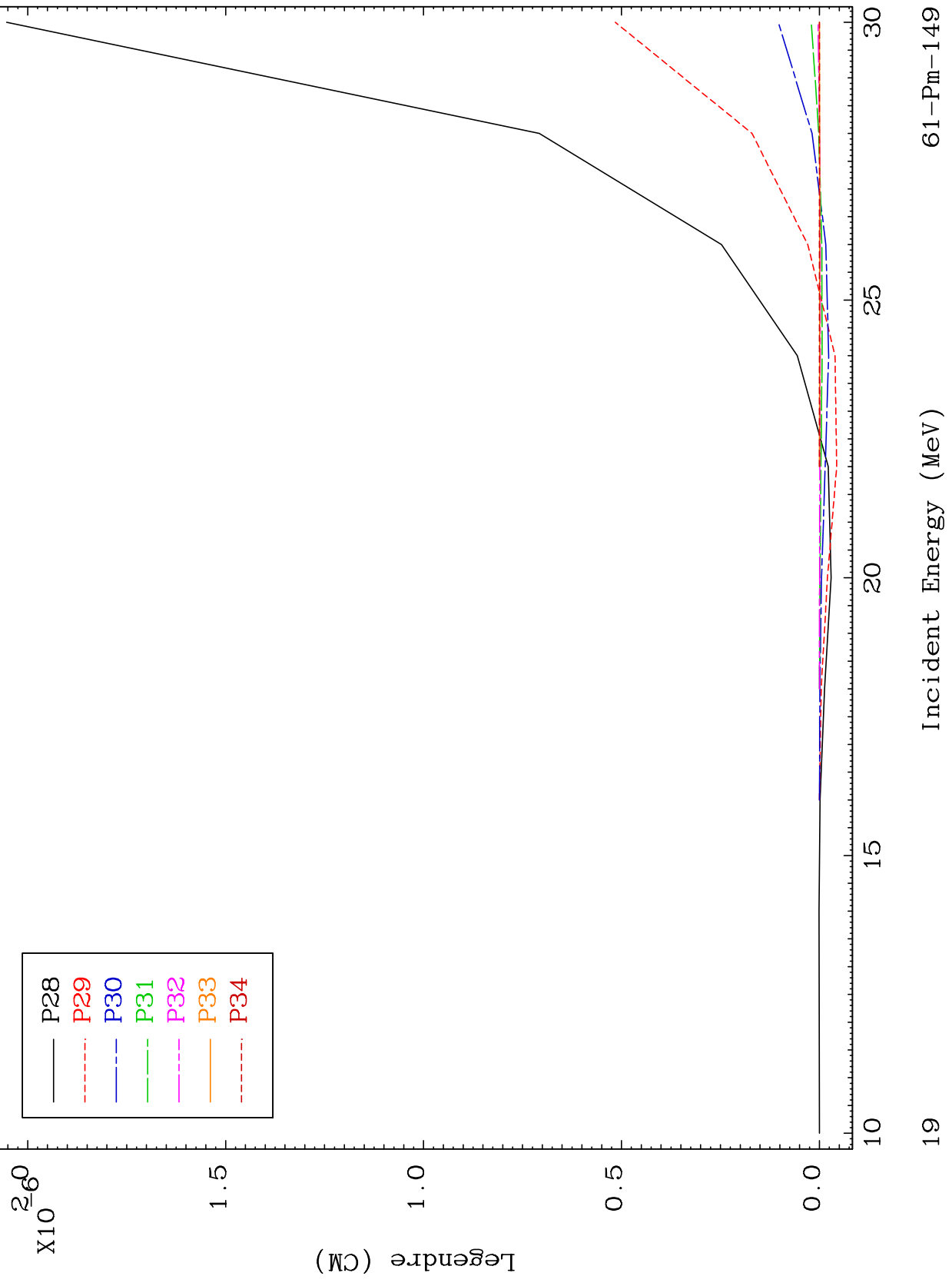
Incident Energy (MeV)

61-Pm-149

MAT 6155

Elastic Legendre Coefficients

61-Pm-149



61-Pm-149

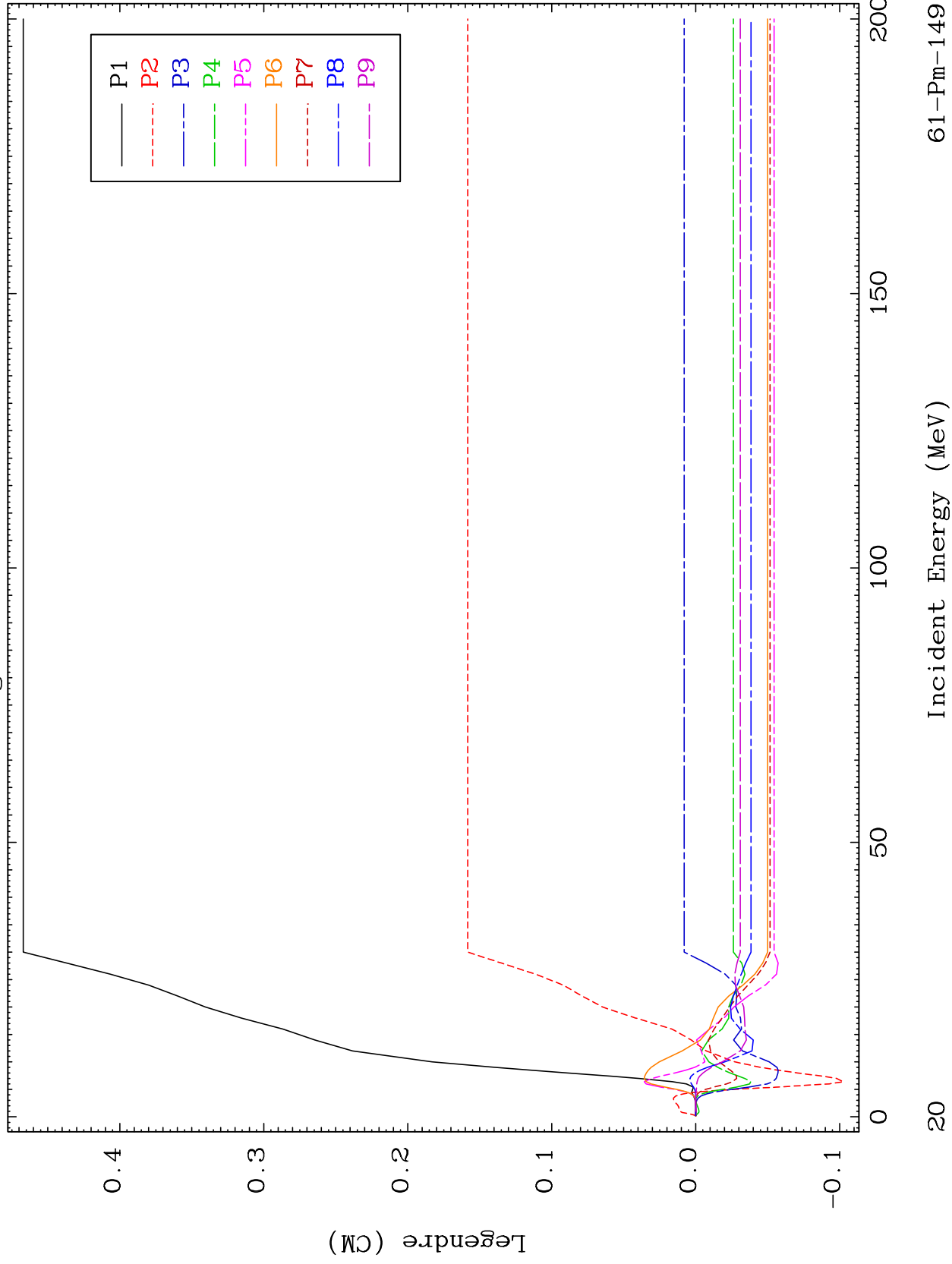
Incident Energy (MeV)

19

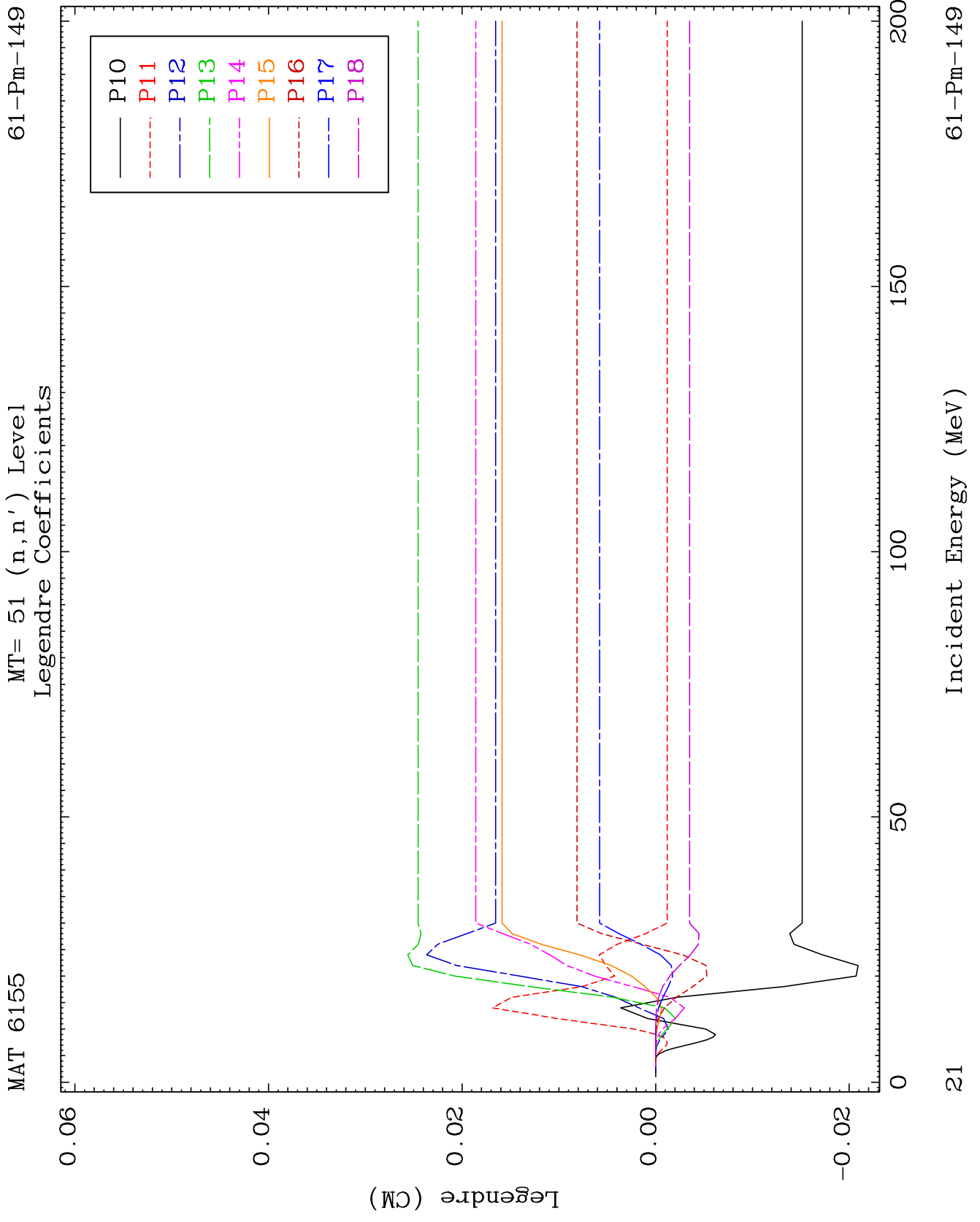
MAT 6155

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

61-Pm-149



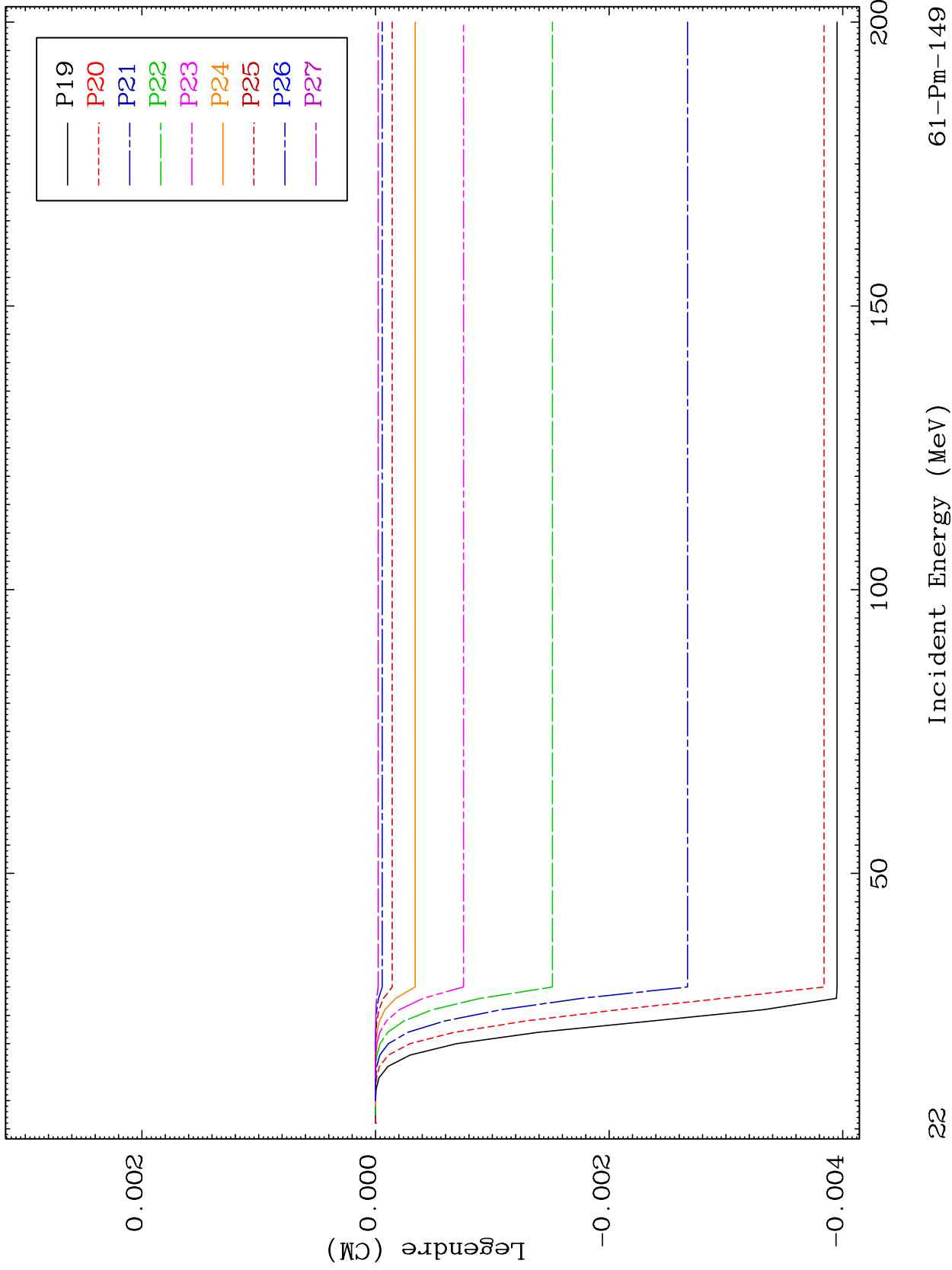
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MAT 6155

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

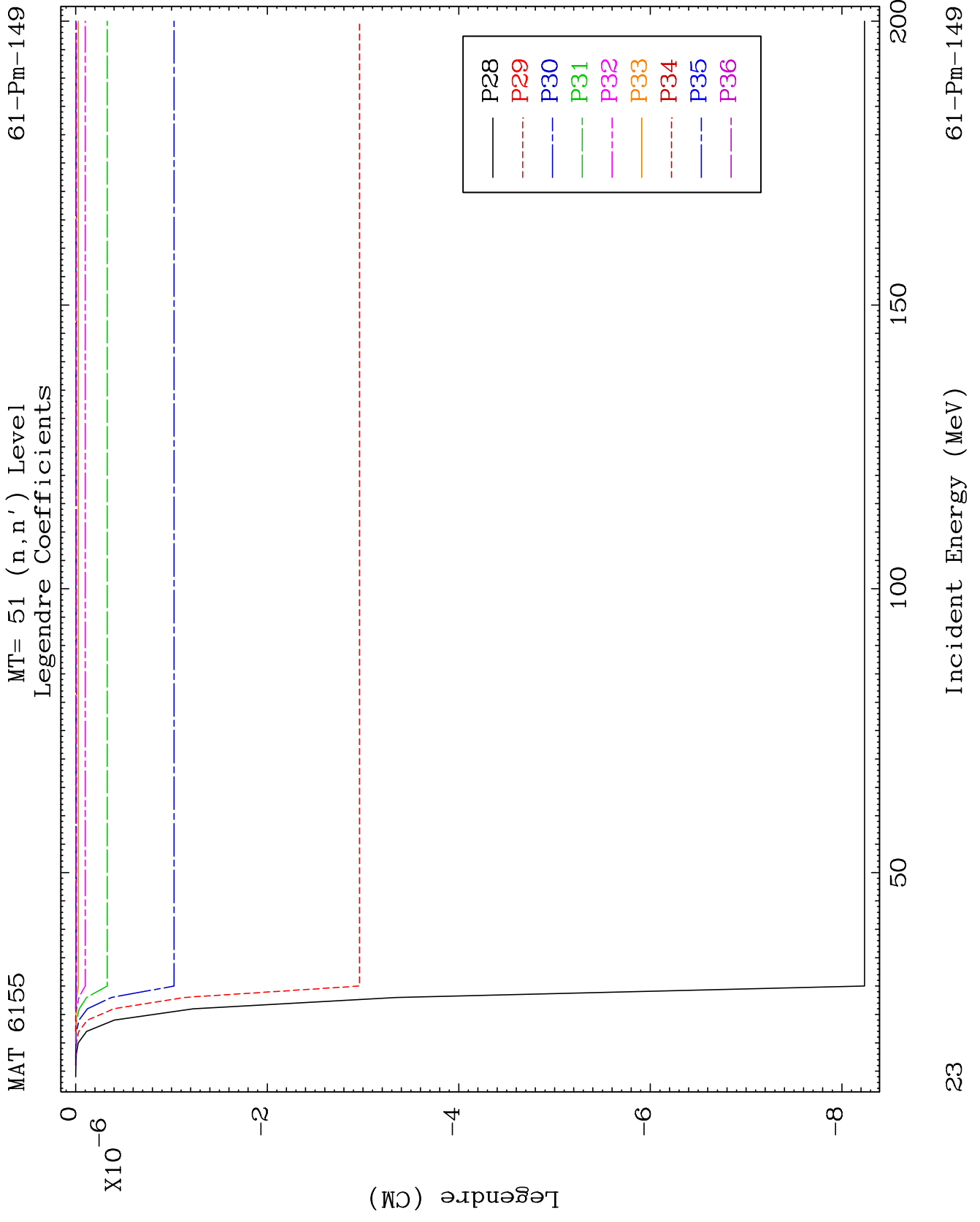
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22

Incident Energy (MeV)

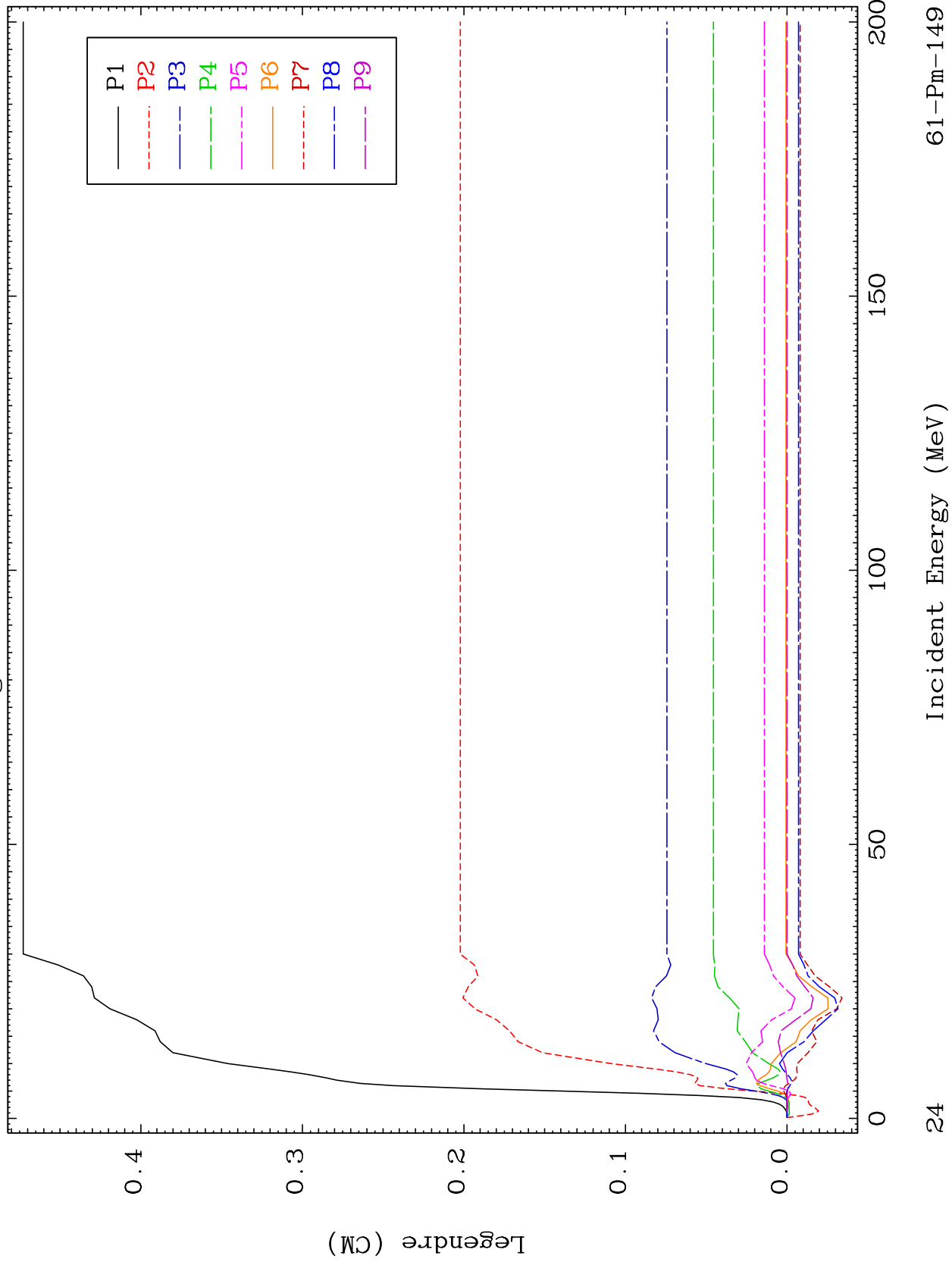
61-Pm-149



MAT 6155

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

61-Pm-149



61-Pm-149

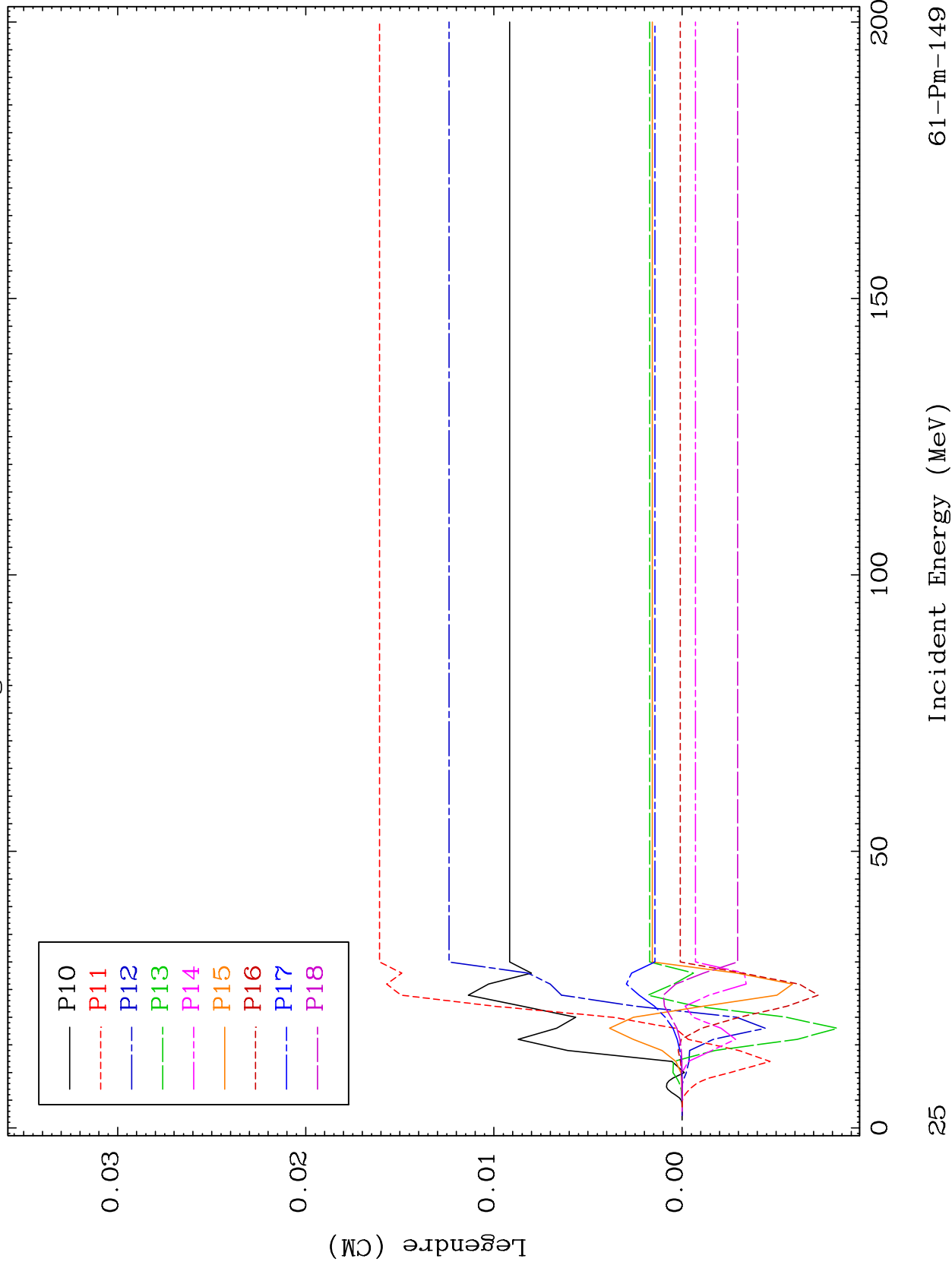
Incident Energy (MeV)

24

MAT 61555

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

61-Pm-149



61-Pm-149

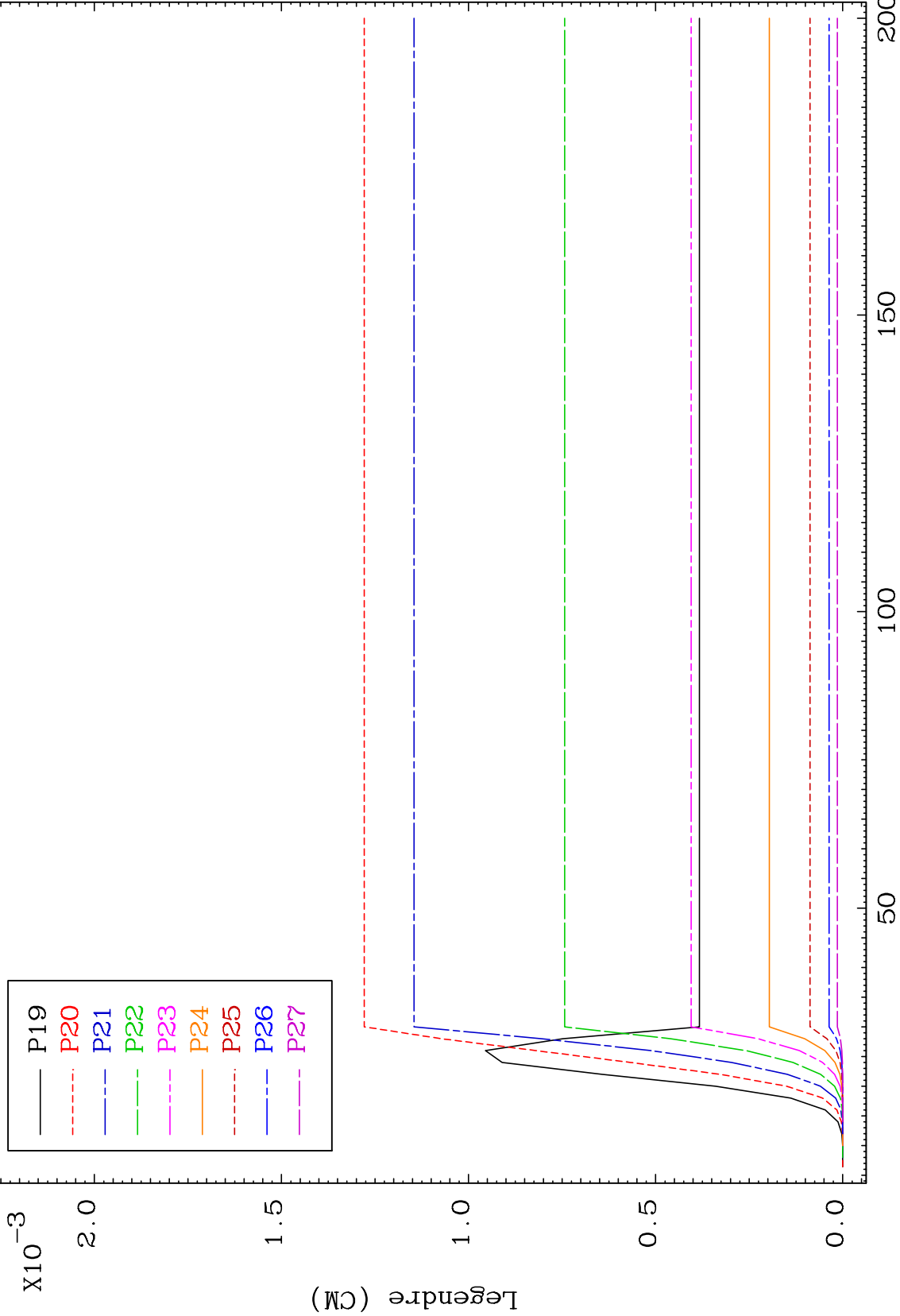
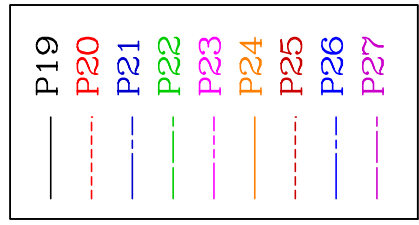
Incident Energy (MeV)

25

MAT 6155

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

61-Pm-149



26

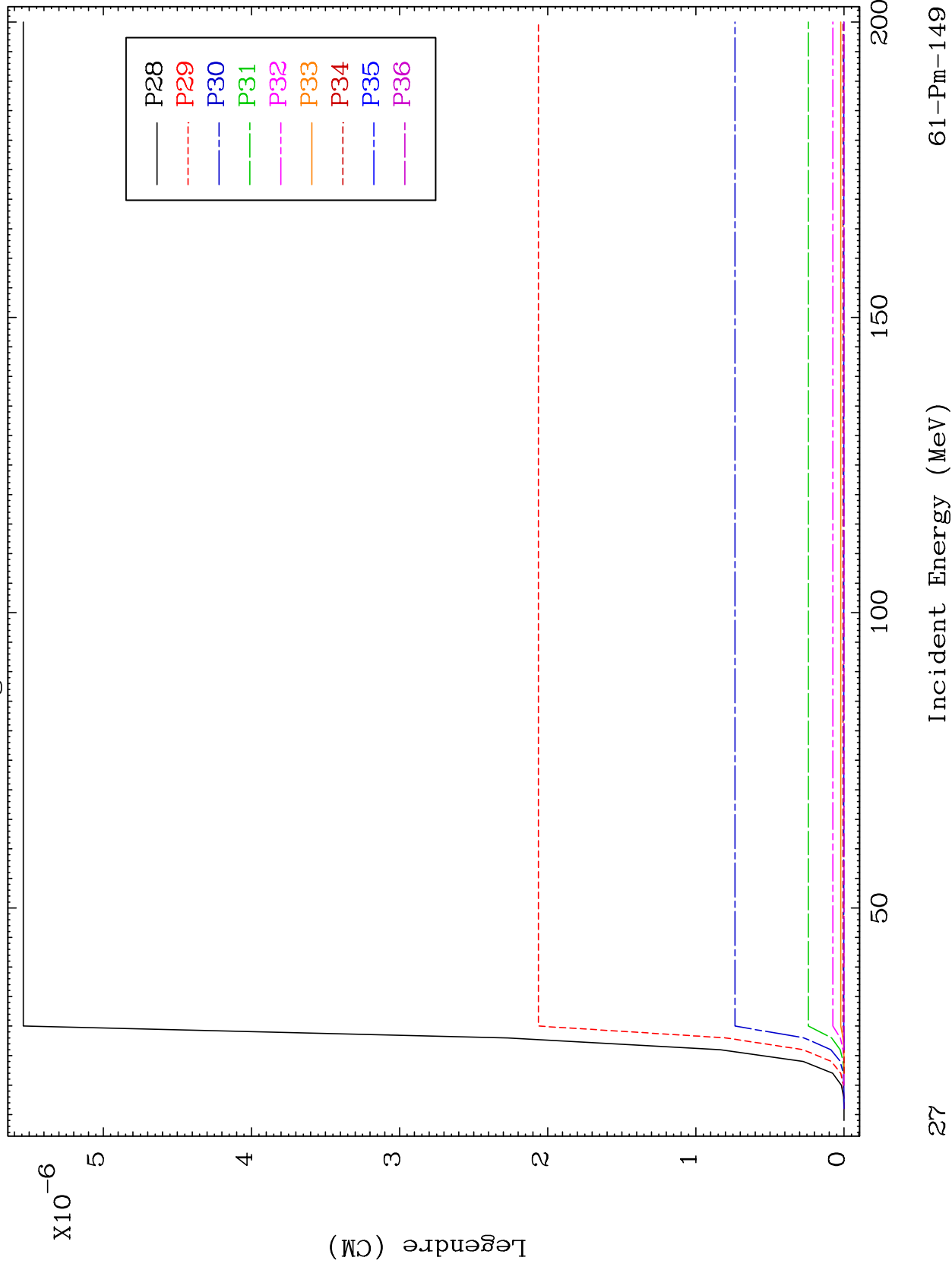
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

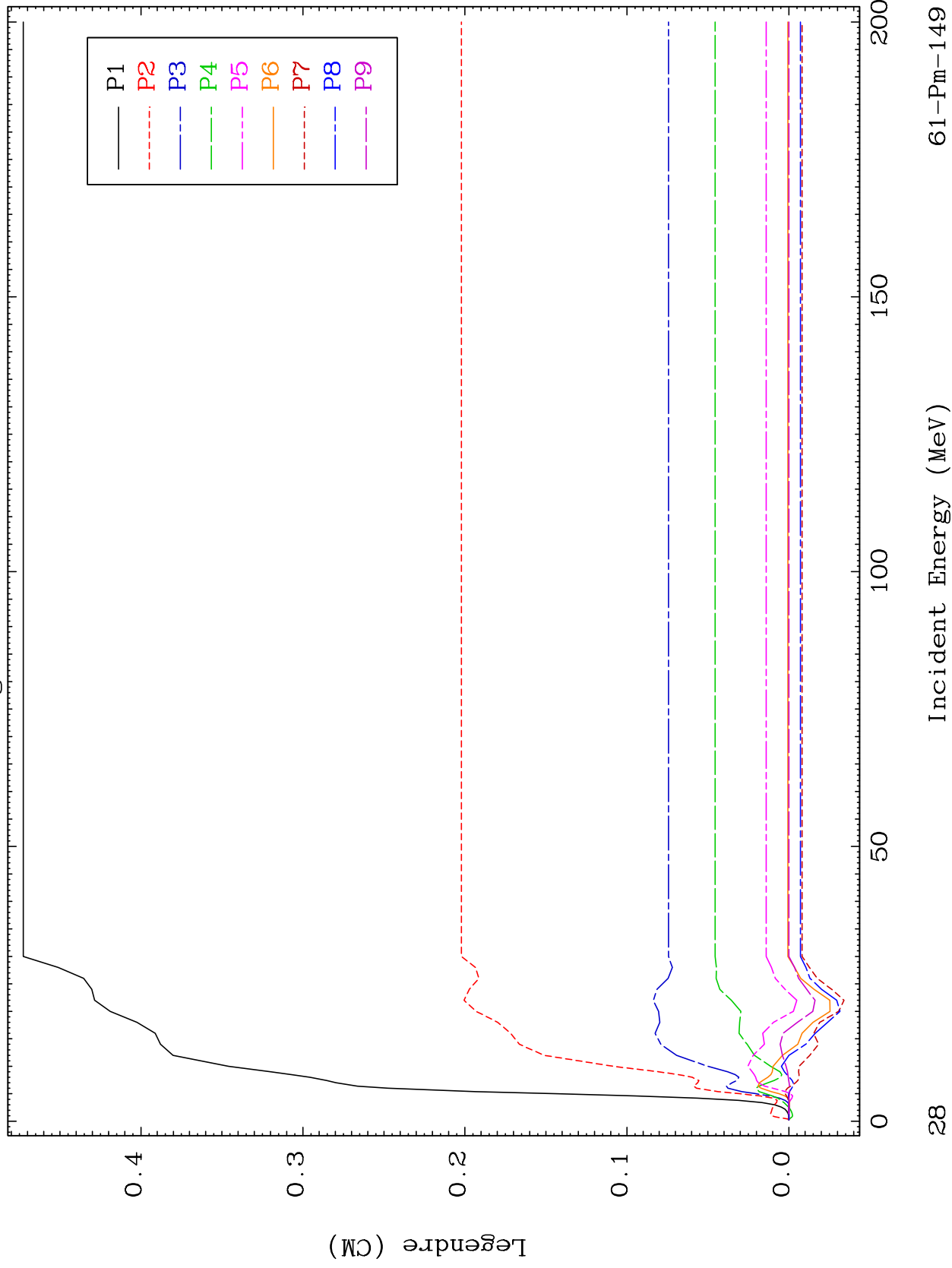
61-Pm-149



MAT 6155

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

61-Pm-149



28

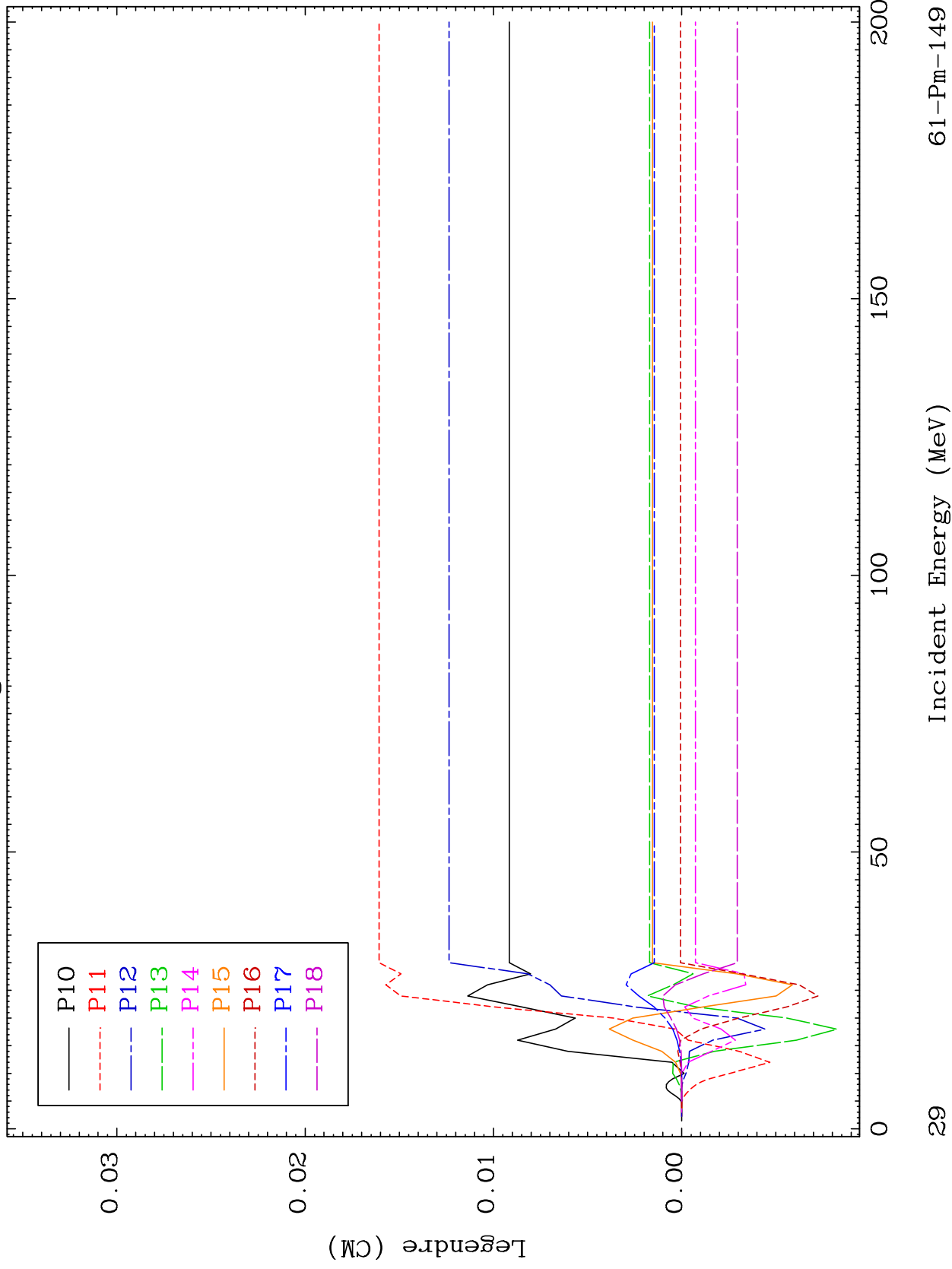
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



61-Pm-149

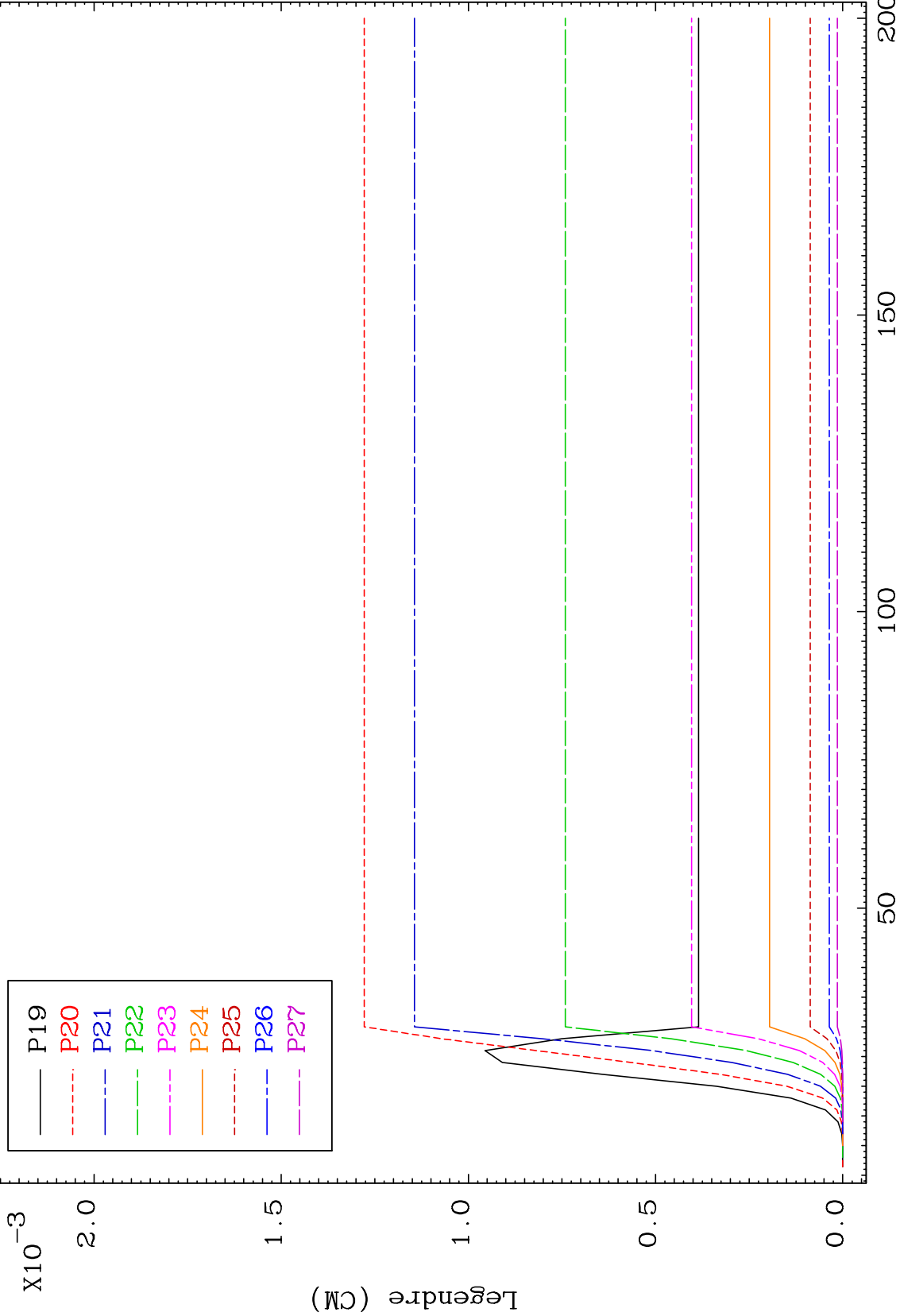
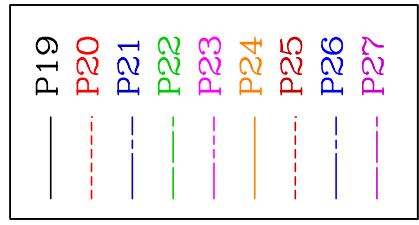
Incident Energy (MeV)

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MAT 6155

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

61-Pm-149



30

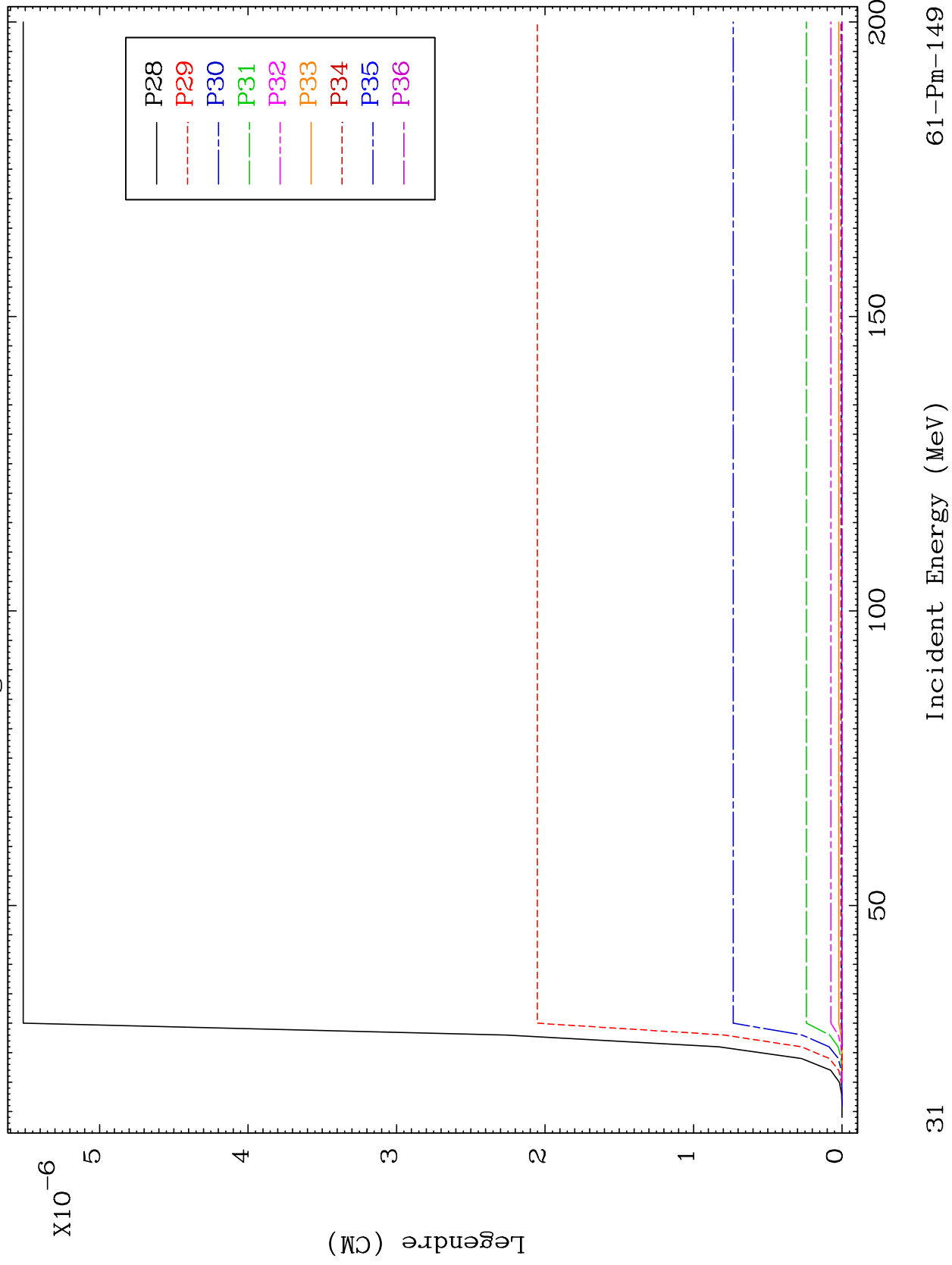
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



31

Incident Energy (MeV)

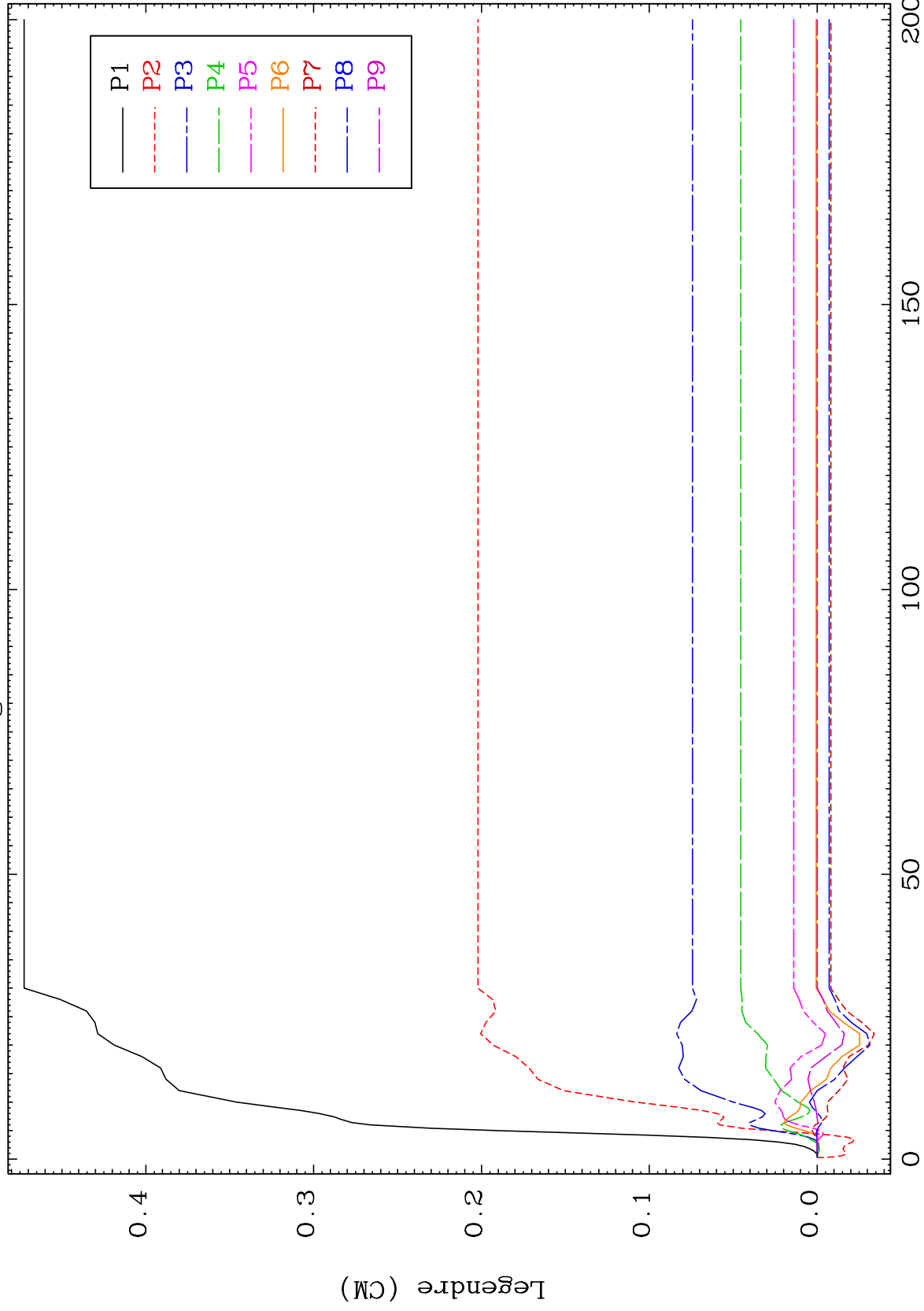
61-Pm-149

MAT 6155

MT= 54 (n,n') Level

61-Pm-149

Legendre Coefficients



32

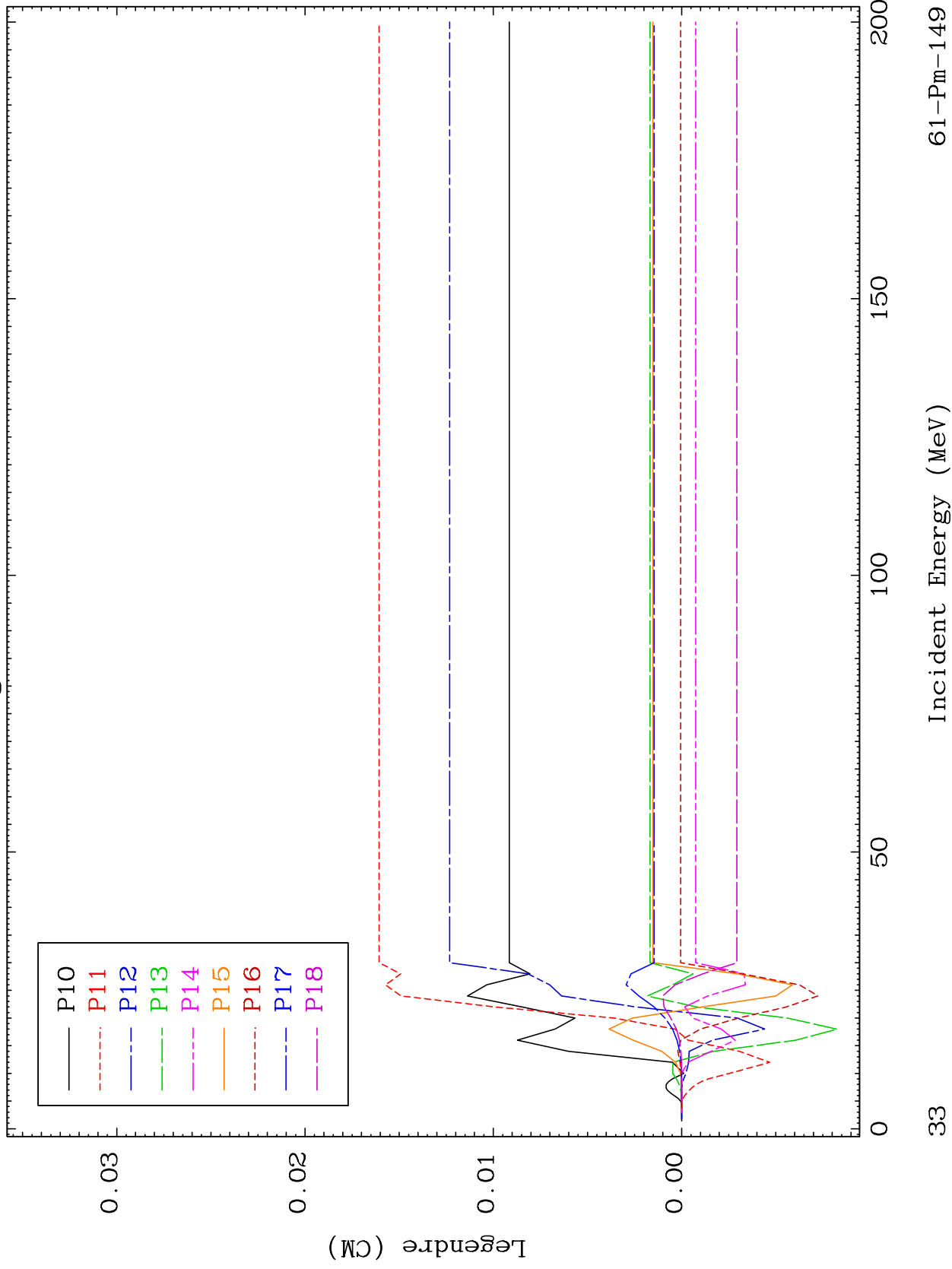
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



33

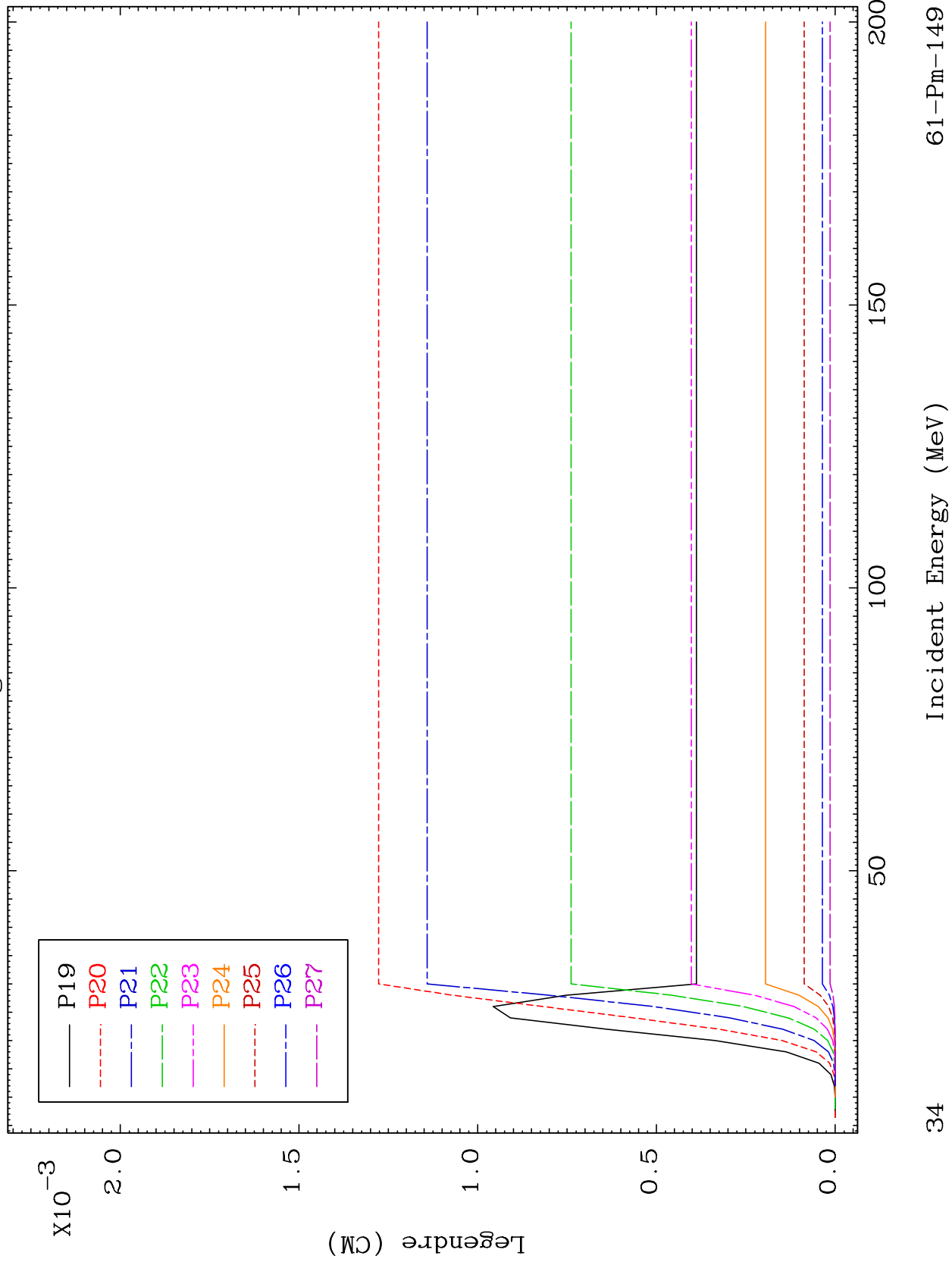
Incident Energy (MeV)

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MAT 6155

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

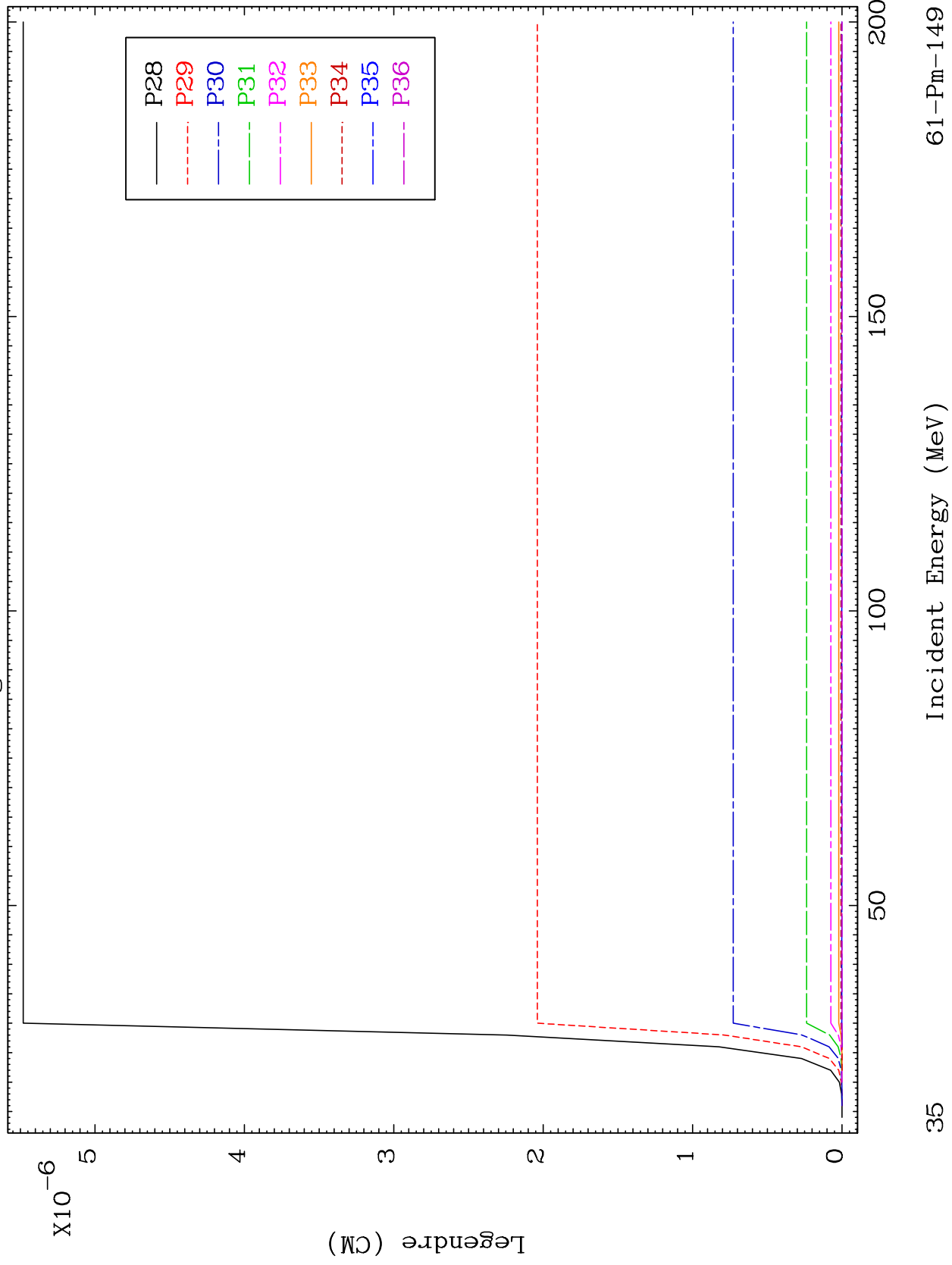
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MAT 6155

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

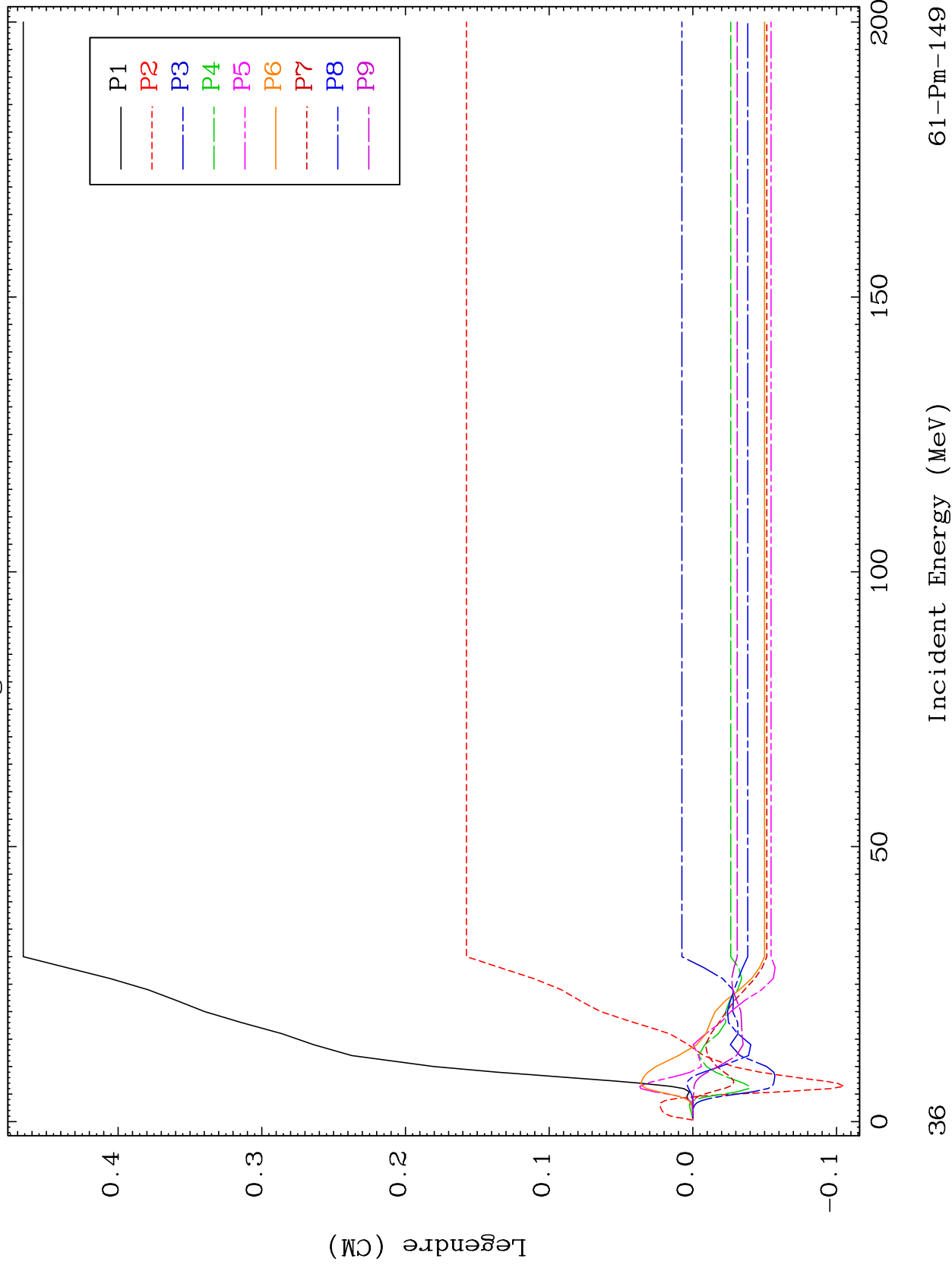
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MAT 6155

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

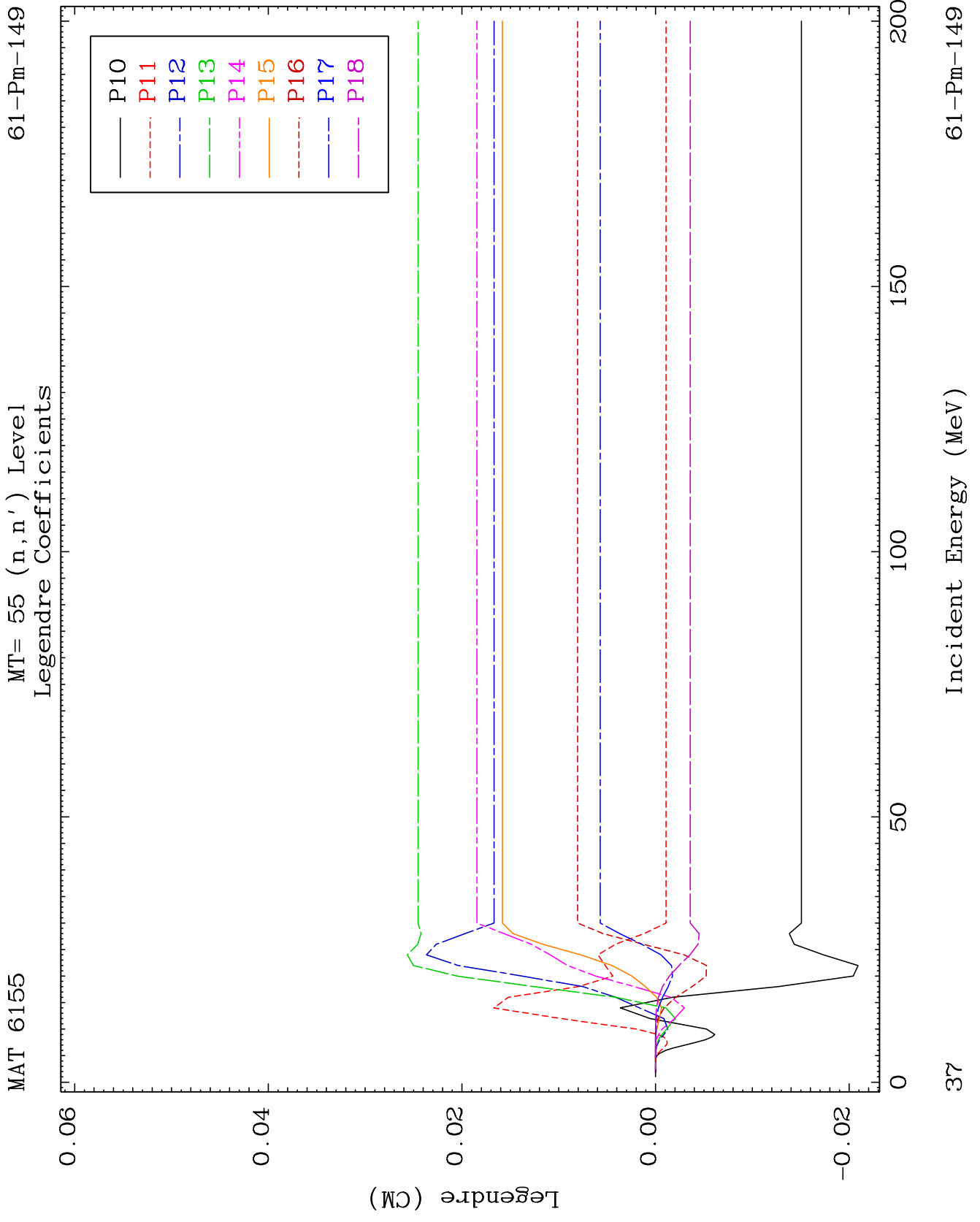
61-Pm-149



61-Pm-149

Incident Energy (MeV)

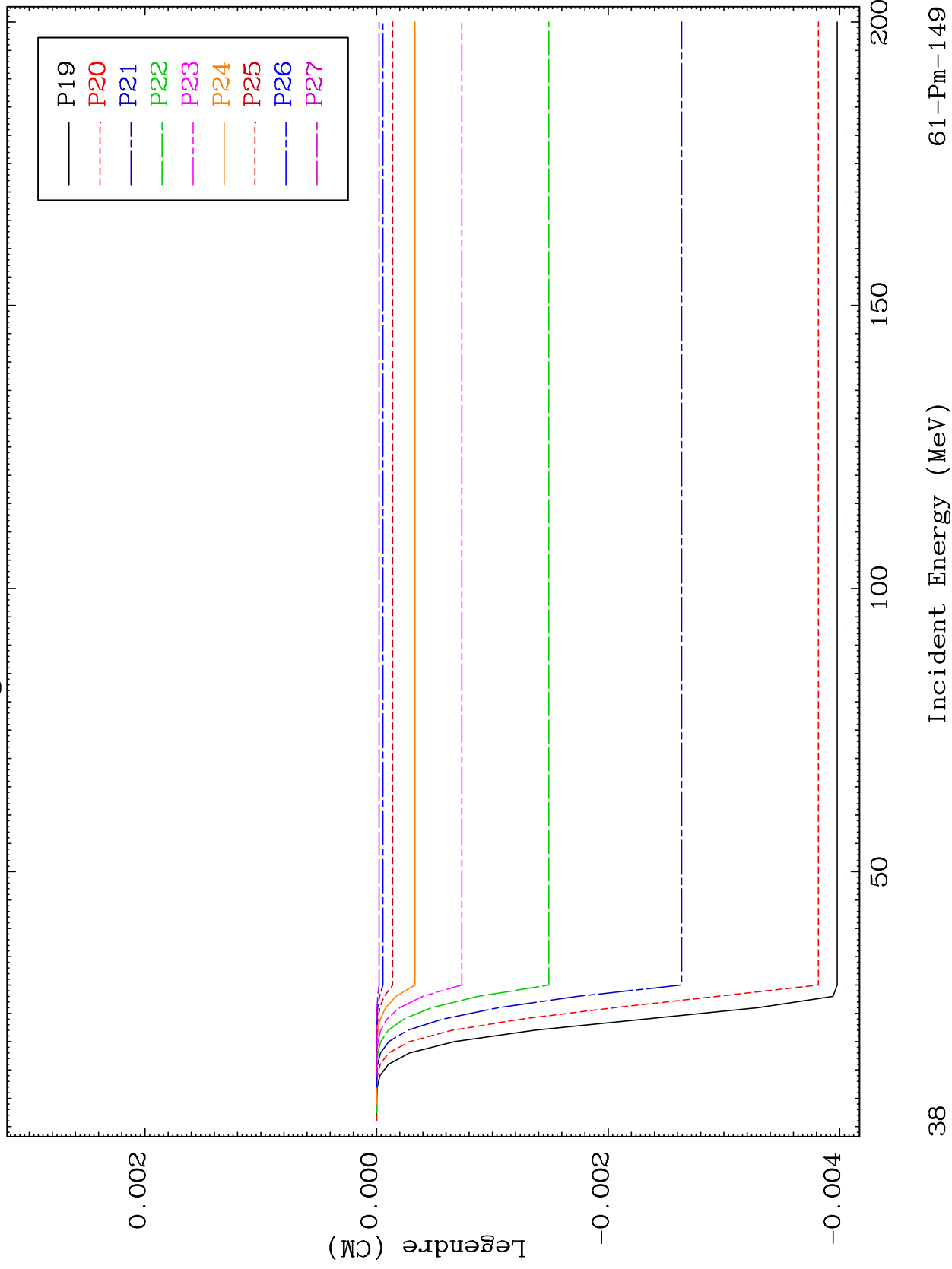
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MAT 6155

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

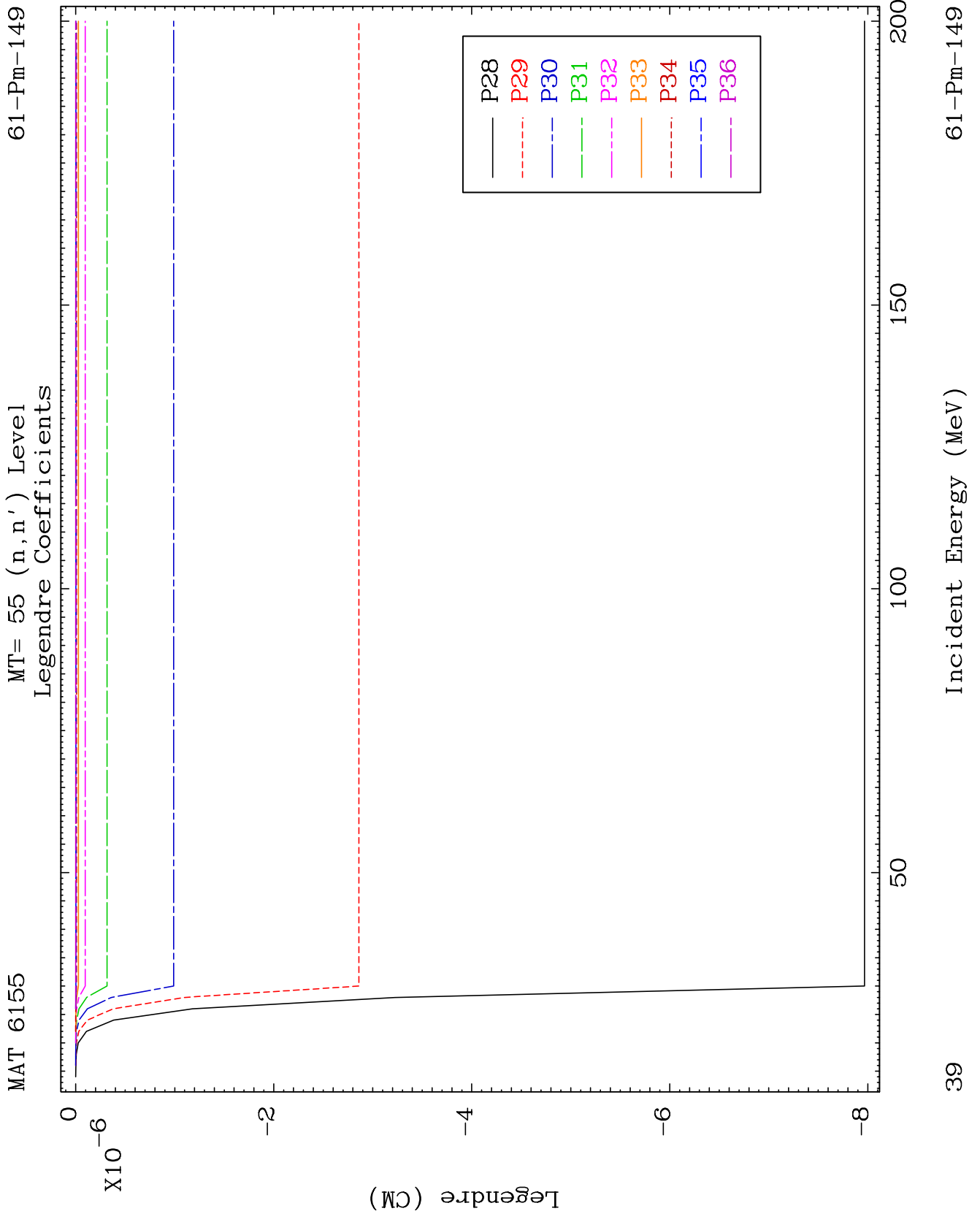
61-Pm-149



38

Incident Energy (MeV)

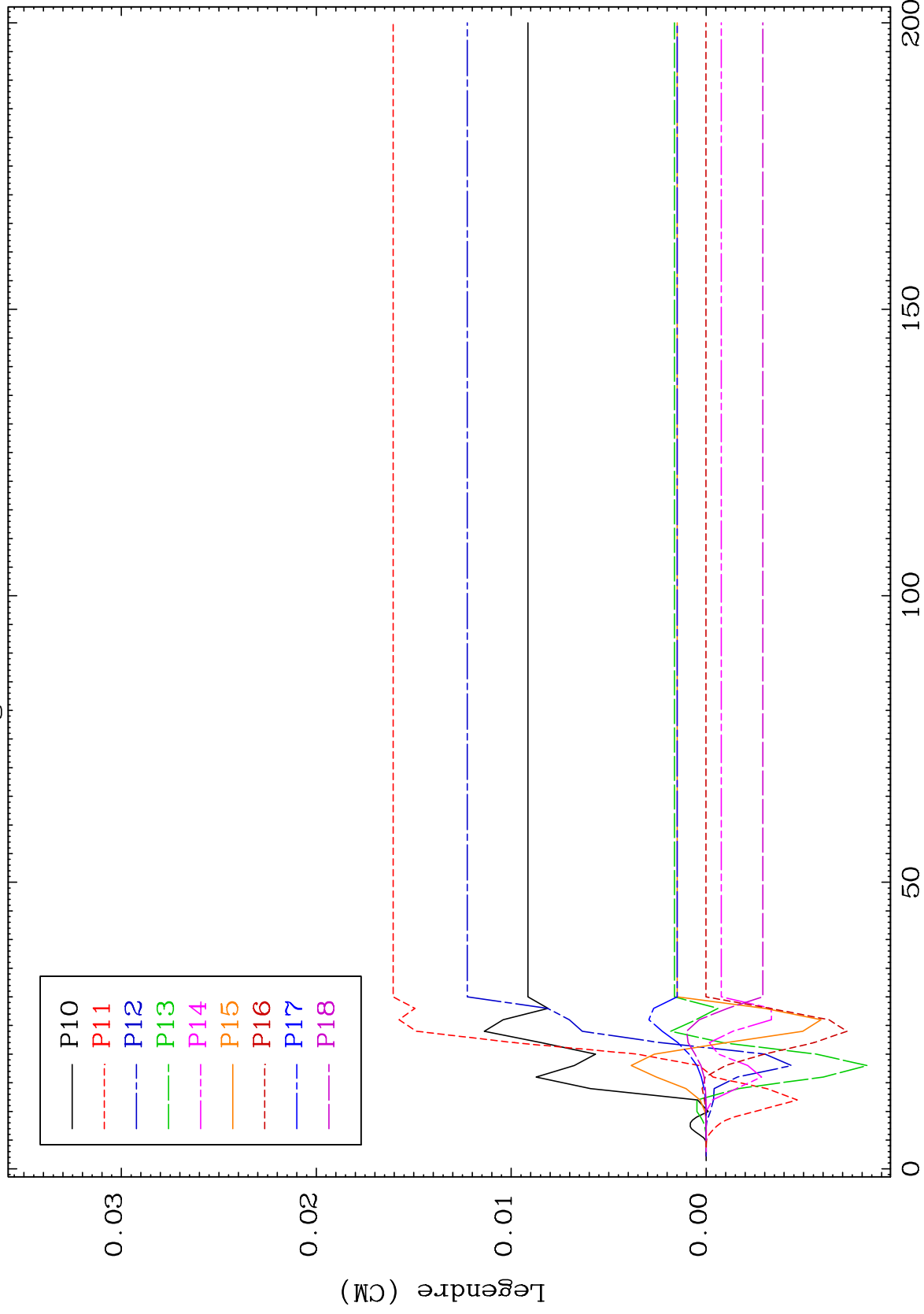
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MAT 6155

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

61-Pm-149



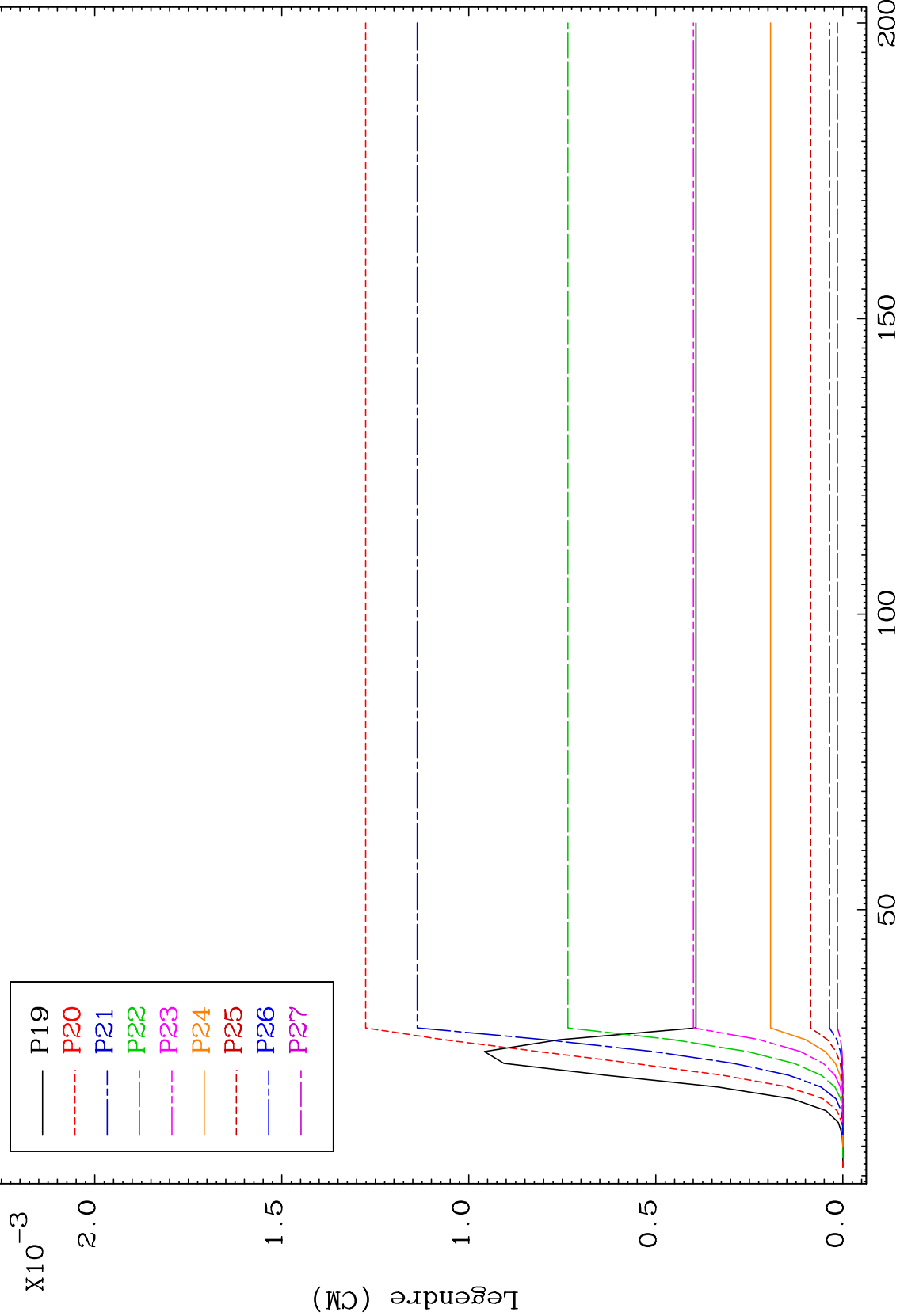
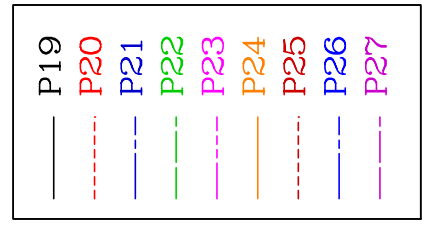
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61-Pm-149

MAT 6155

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

61-Pm-149



42

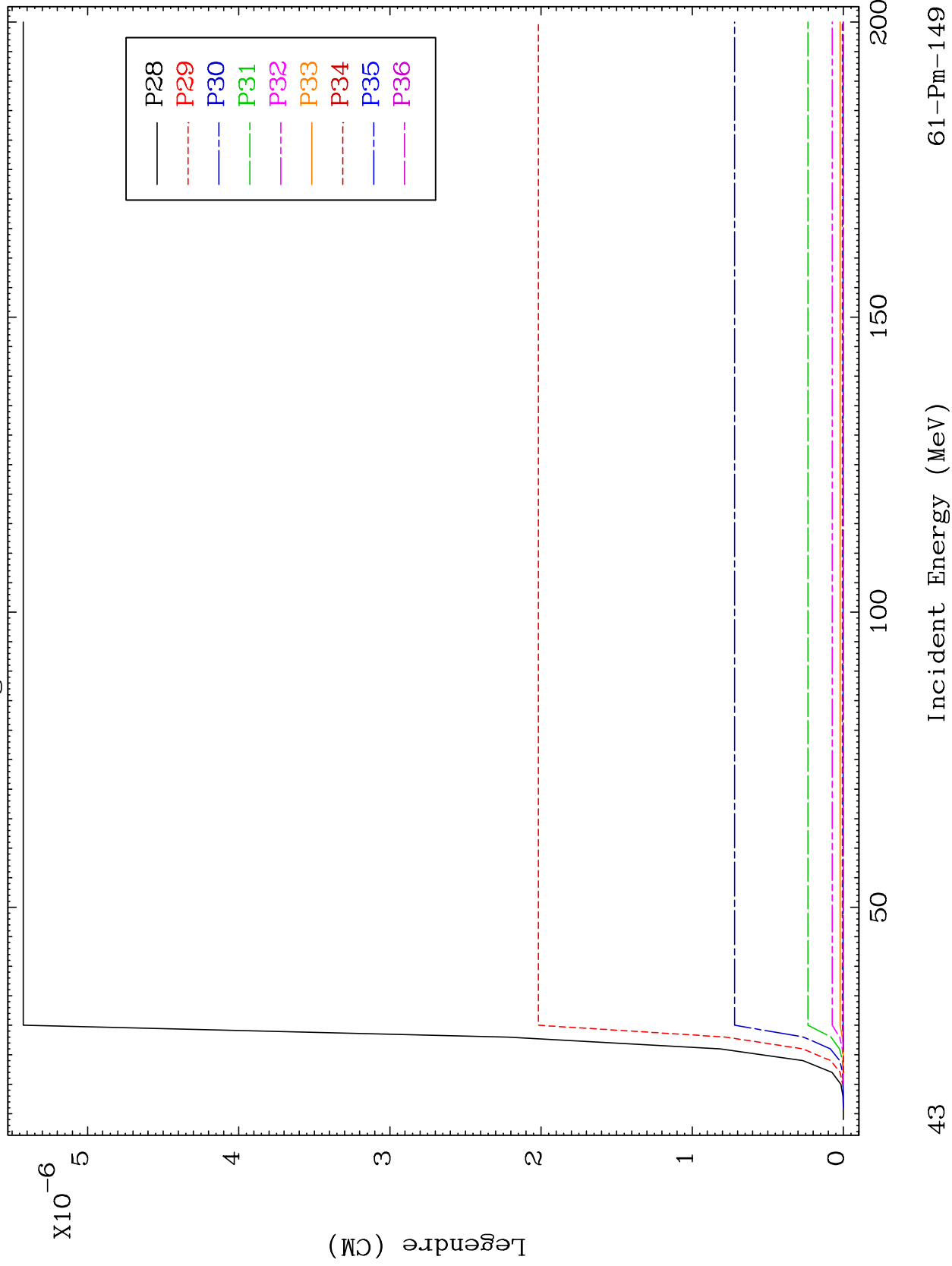
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



43

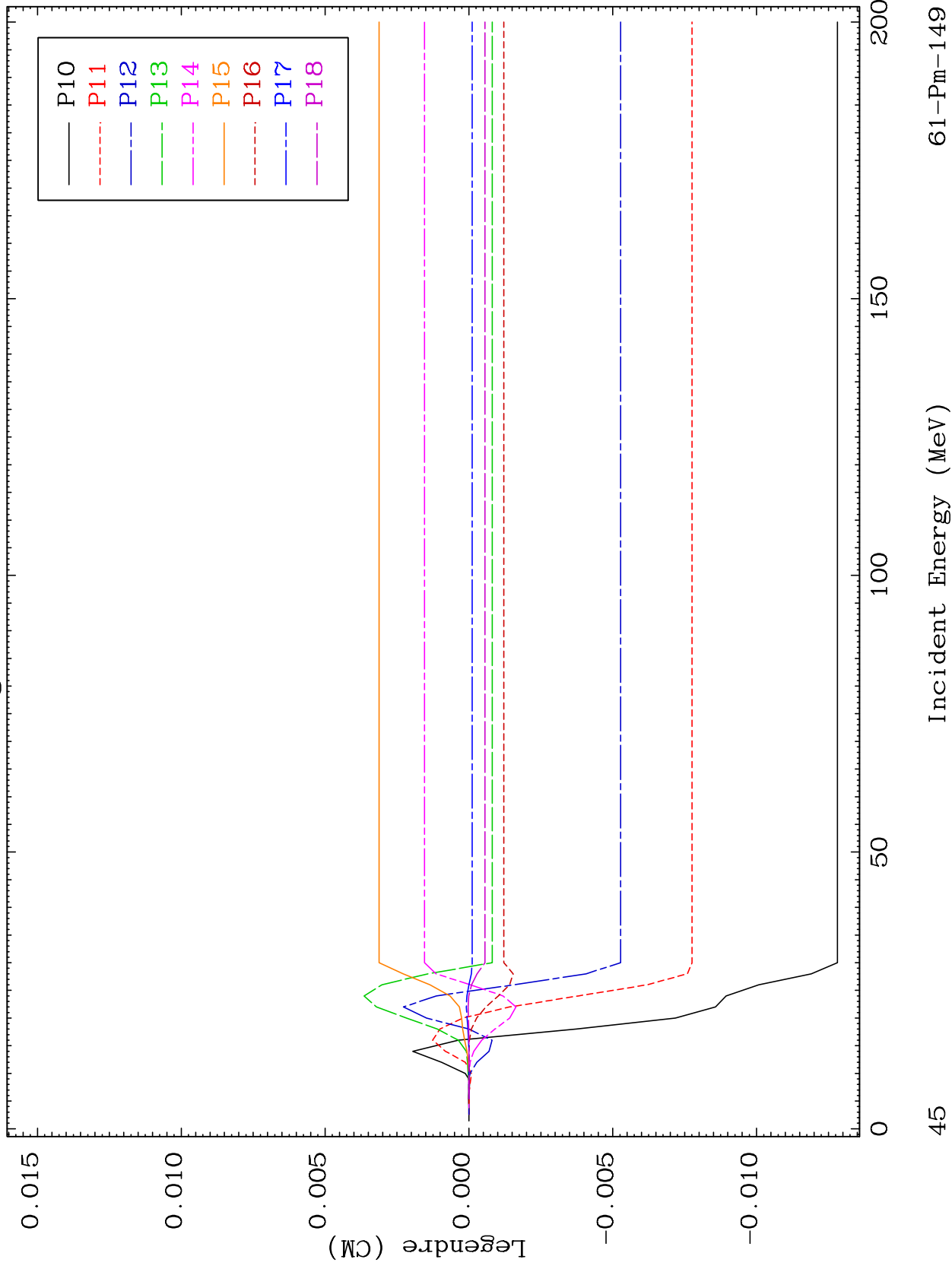
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



61-Pm-149

Incident Energy (MeV)

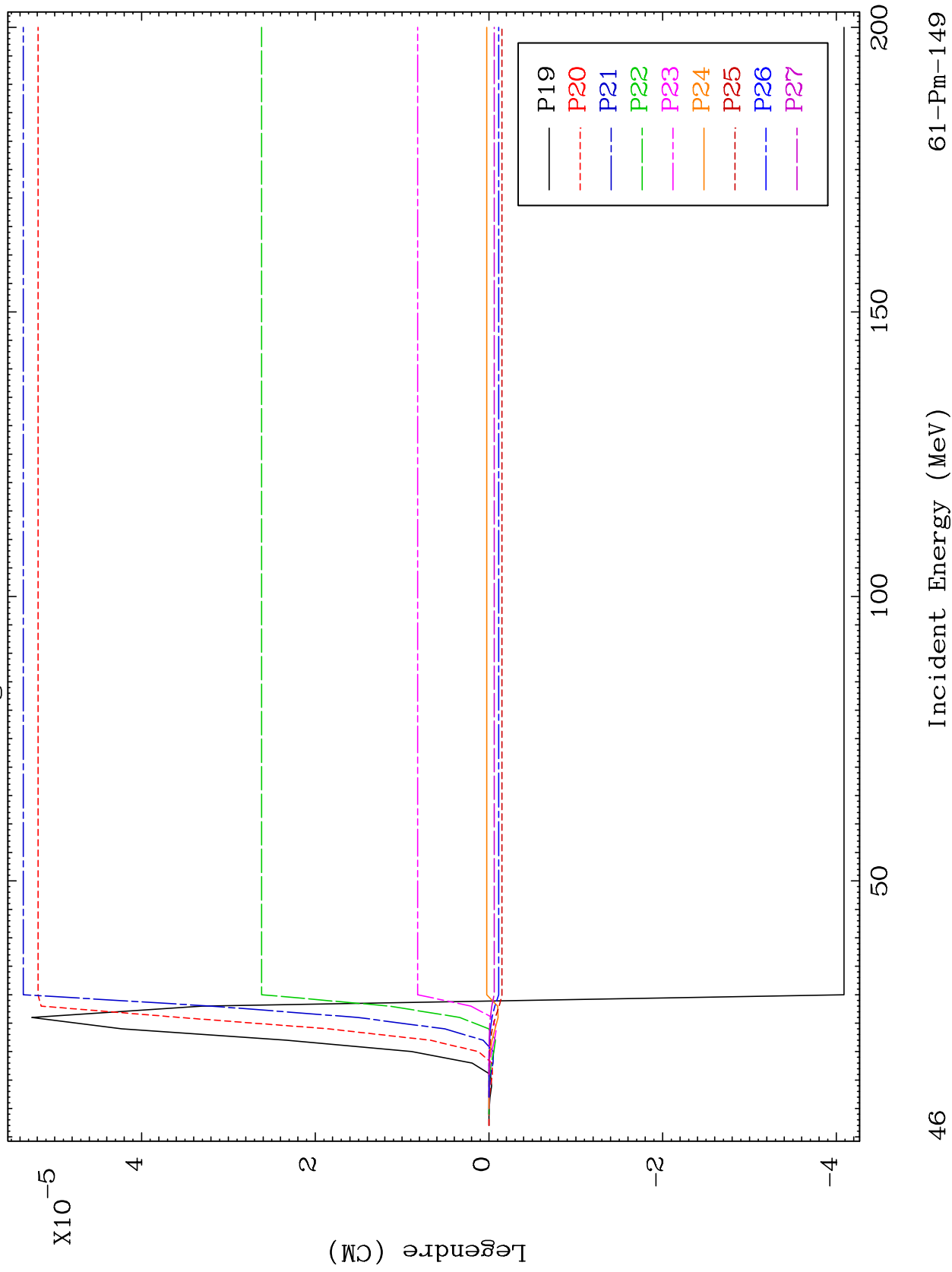
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MAT 6155

MT= 57 (n,n') Level

61-Pm-149

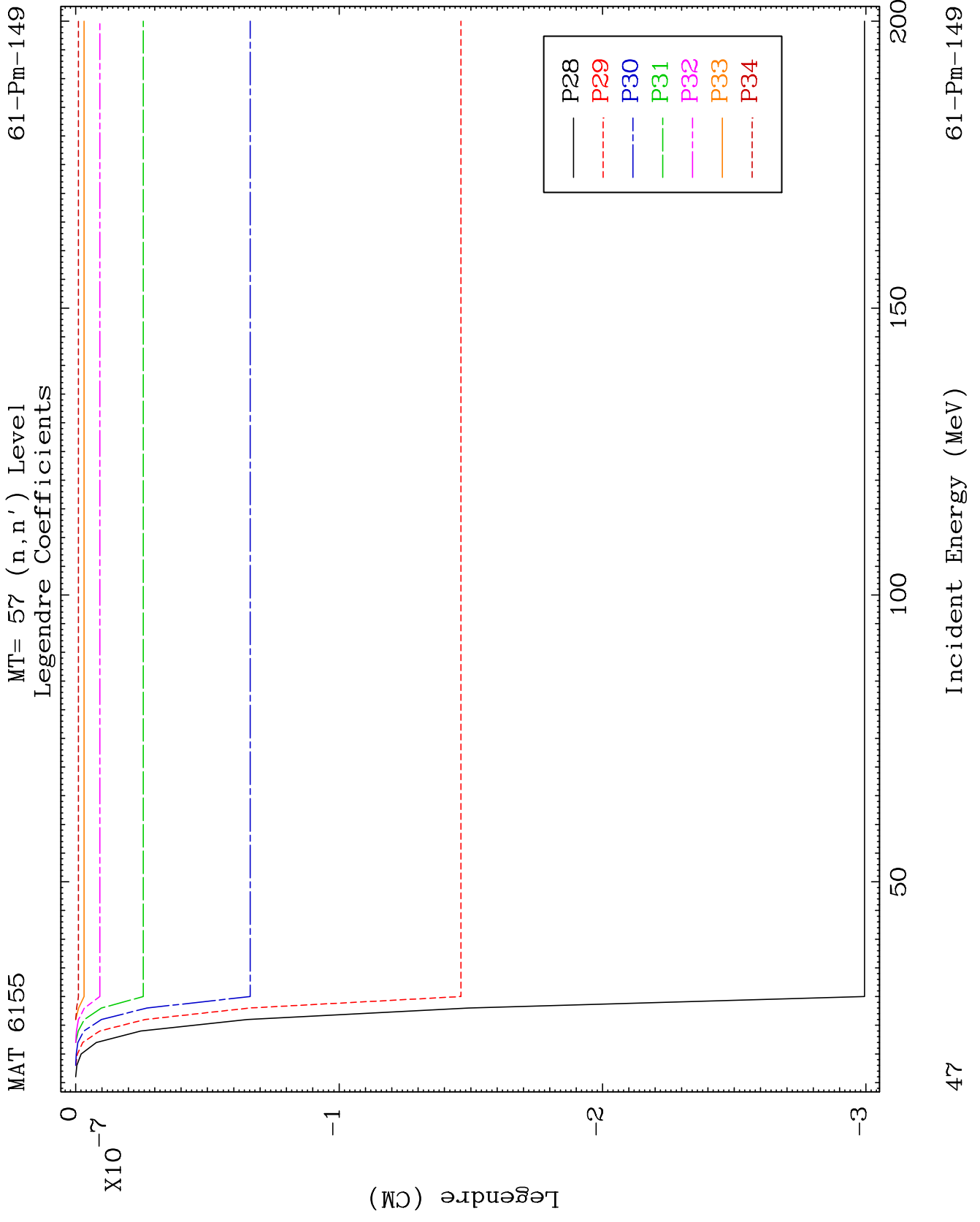
Legendre Coefficients



46

Incident Energy (MeV)

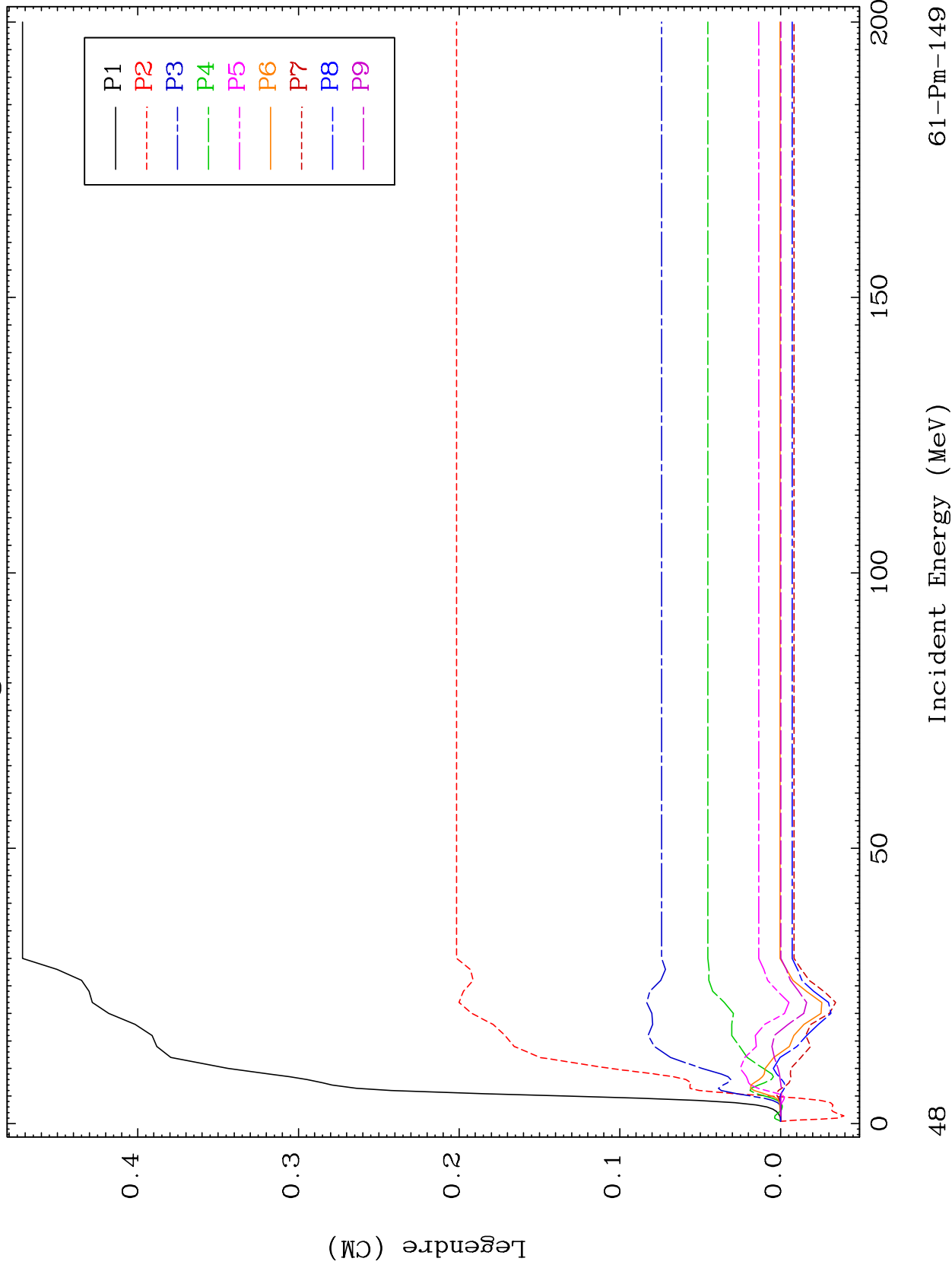
61-Pm-149



MAT 6155

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

61-Pm-149



61-Pm-149

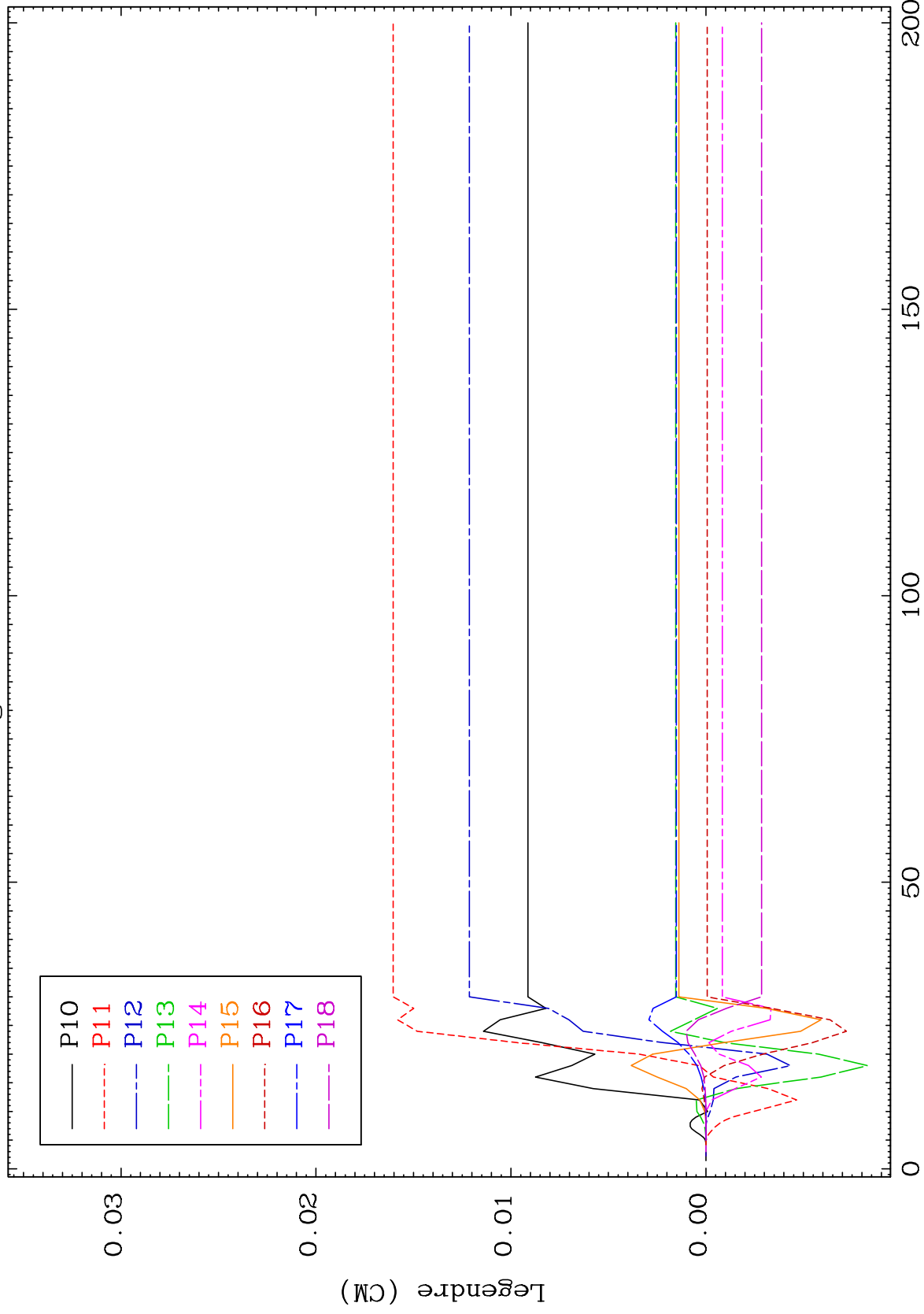
Incident Energy (MeV)

48

MAT 6155

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

61-Pm-149



49

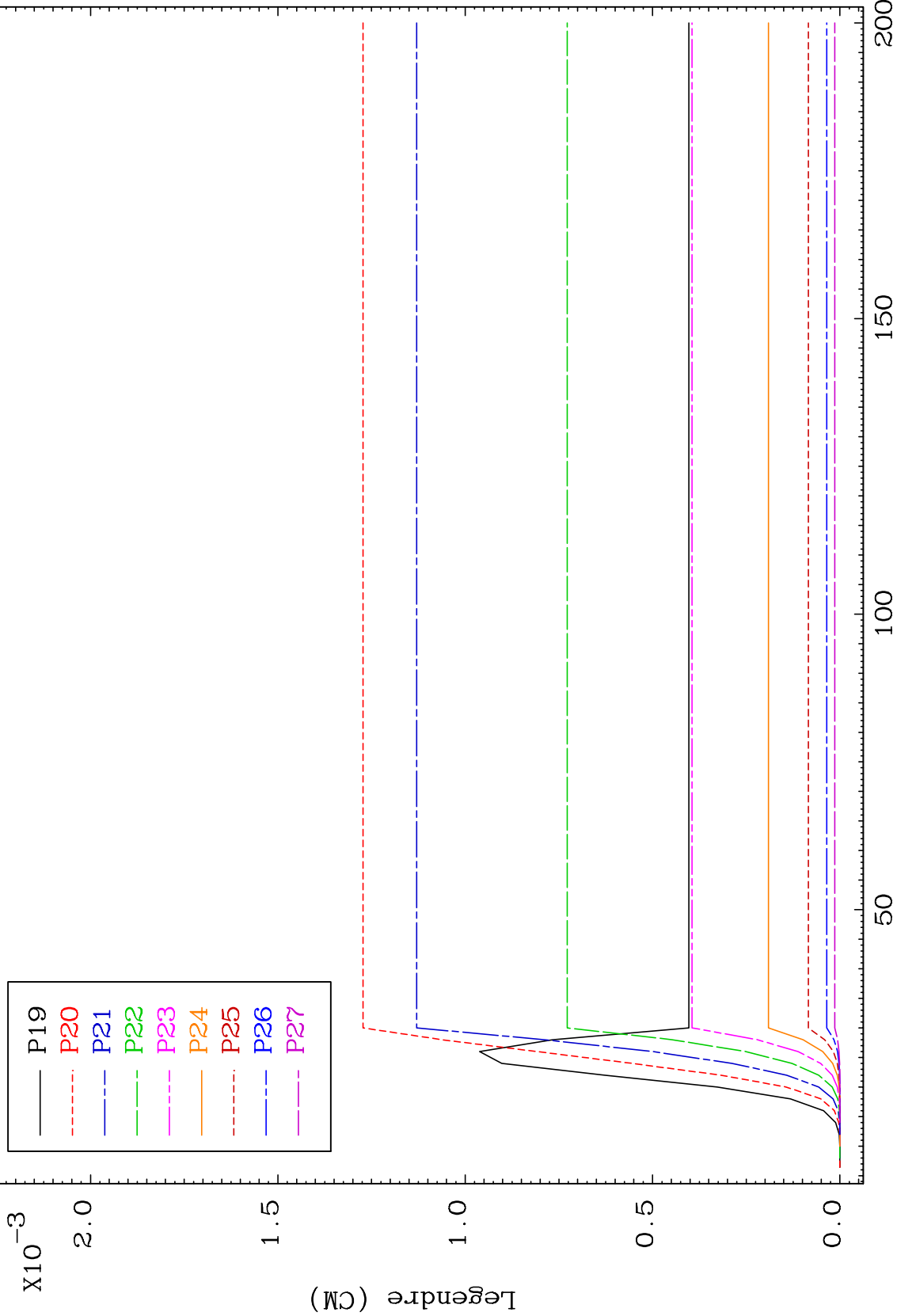
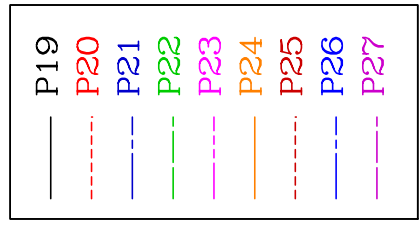
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



50

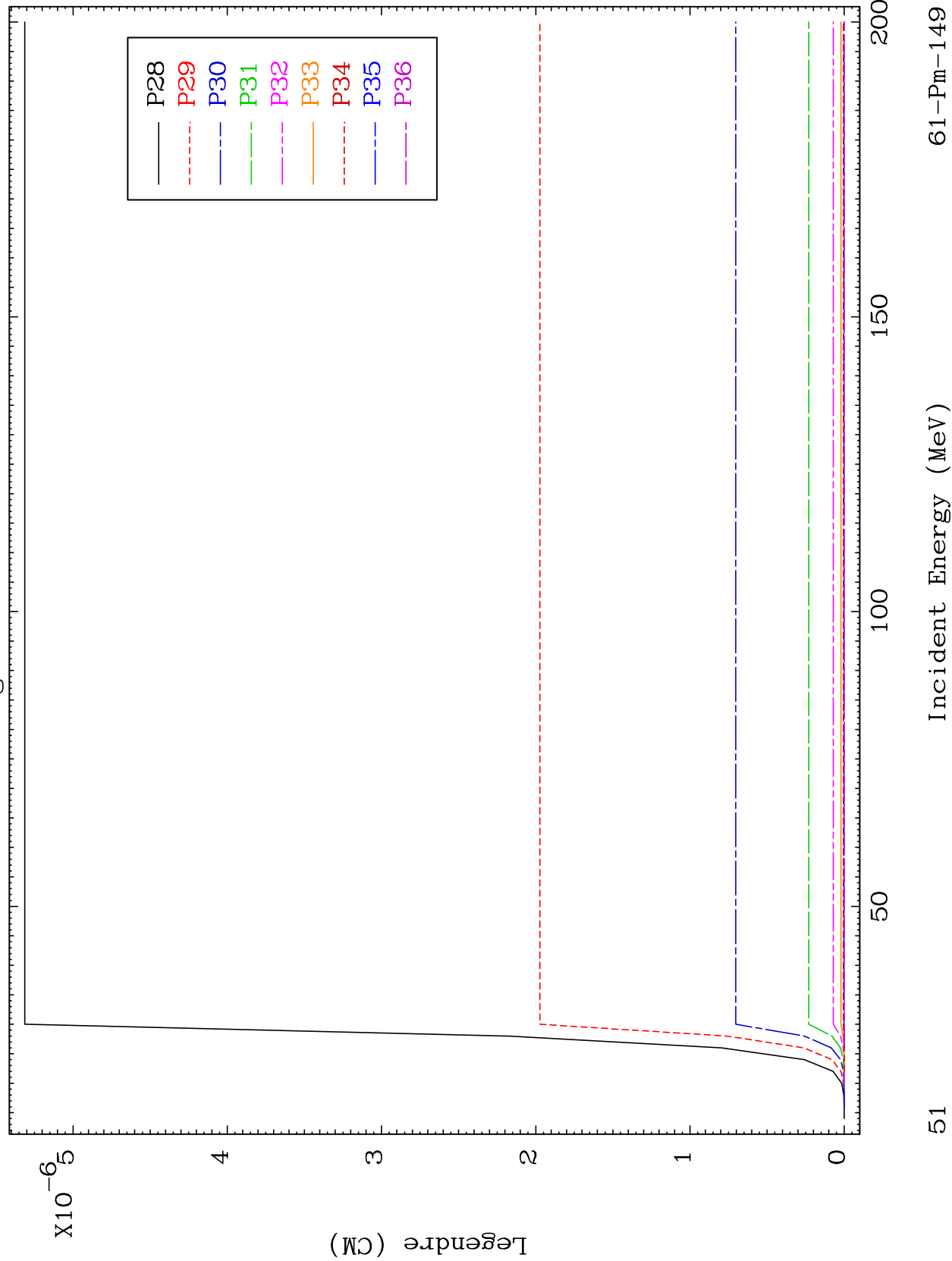
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



51

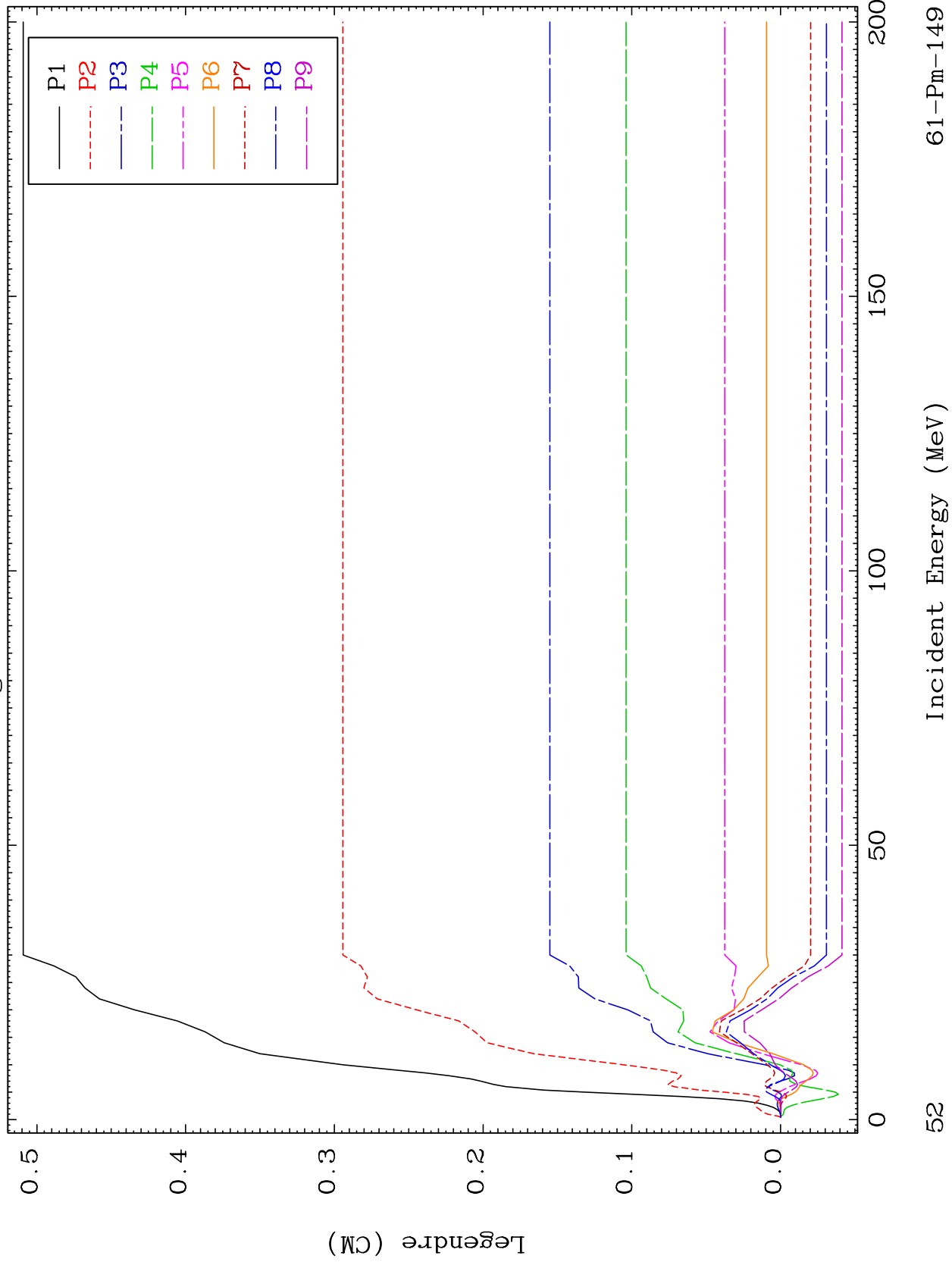
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



61-Pm-149

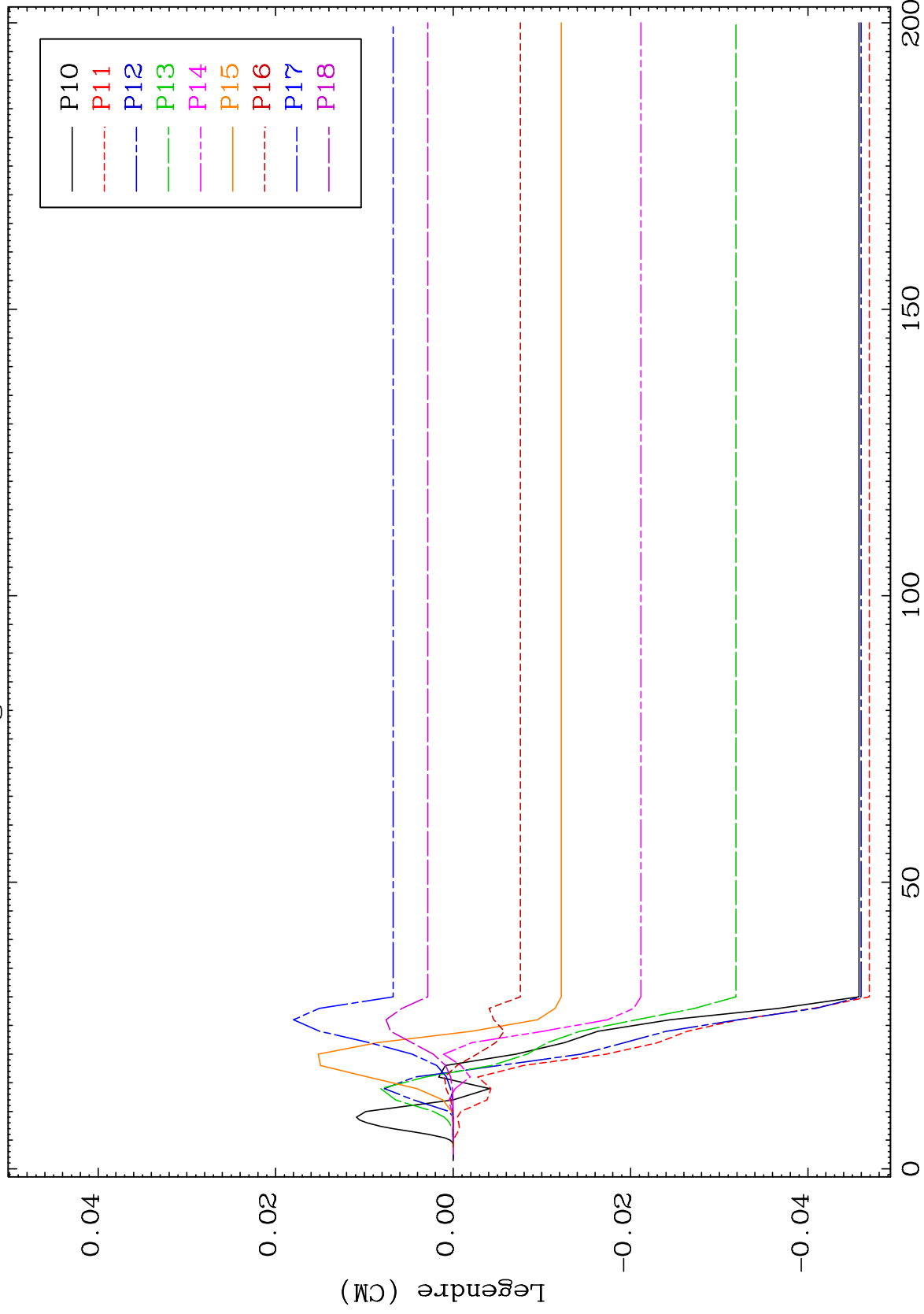
Incident Energy (MeV)

52

MAT 6155

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

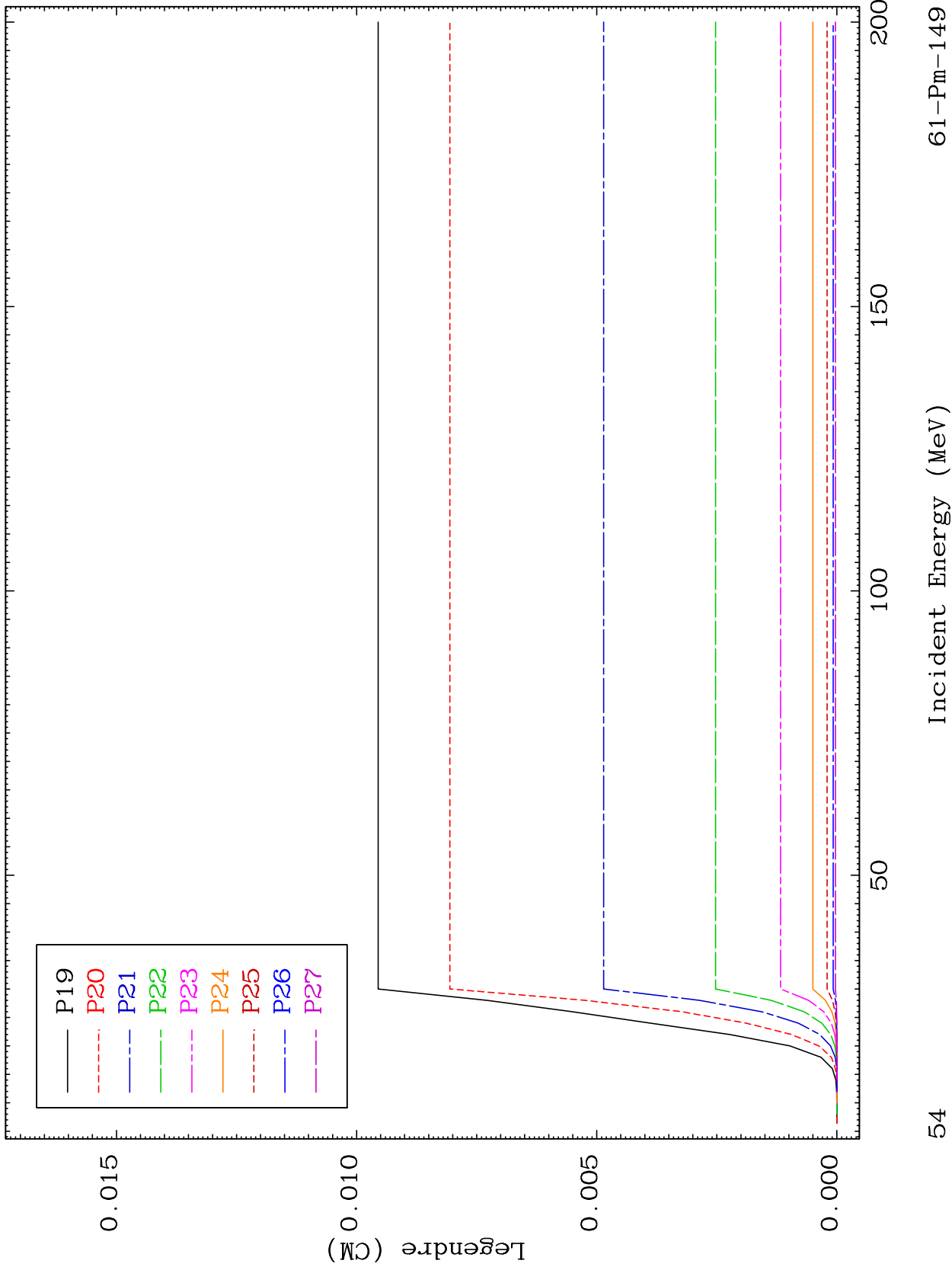
61-Pm-149



53

Incident Energy (MeV)

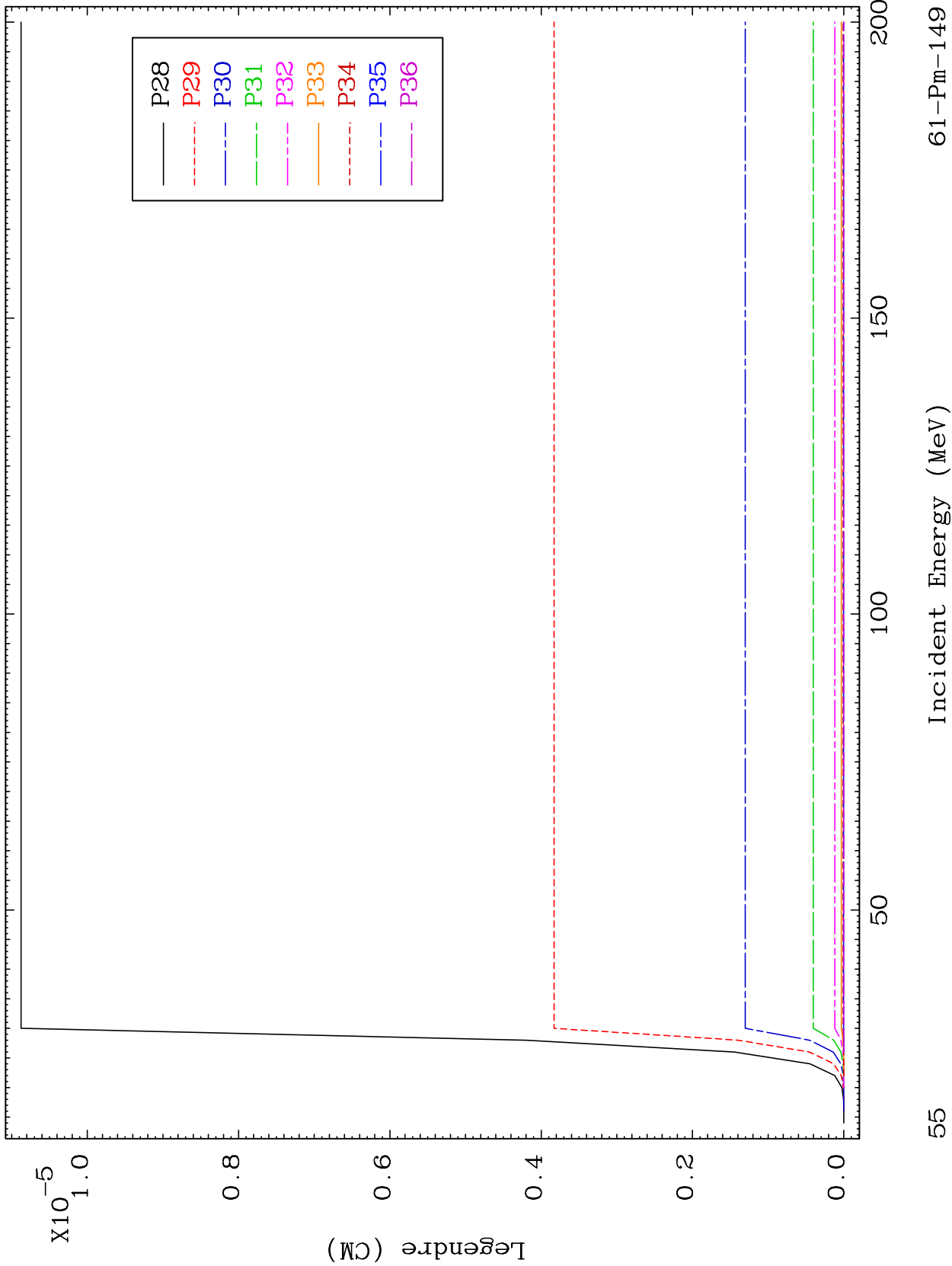
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MAT 6155

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

61-Pm-149



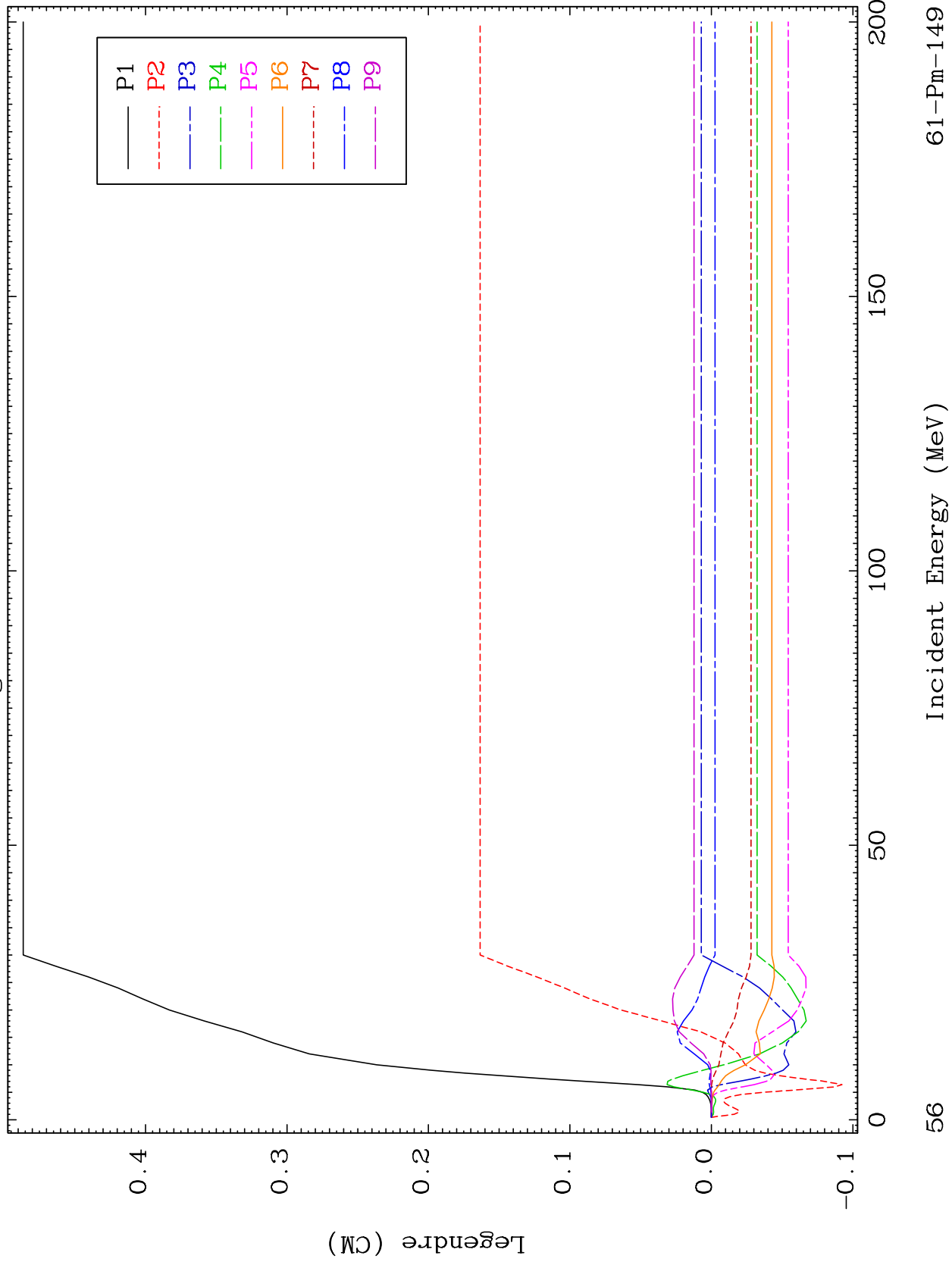
61-Pm-149

55

MAT 6155

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

61-Pm-149



61-Pm-149

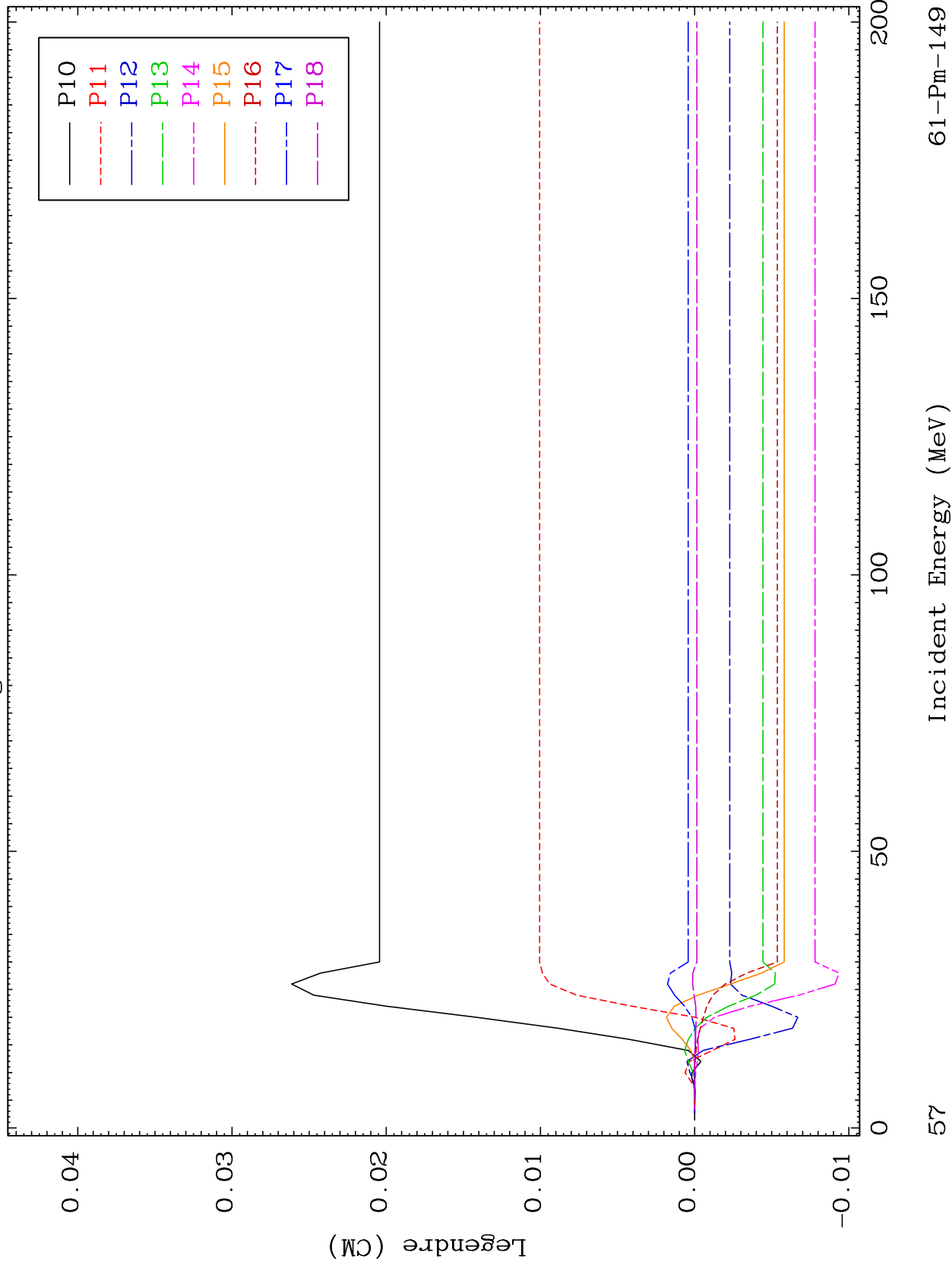
Incident Energy (MeV)

56

MAT 6155

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

61-Pm-149



57

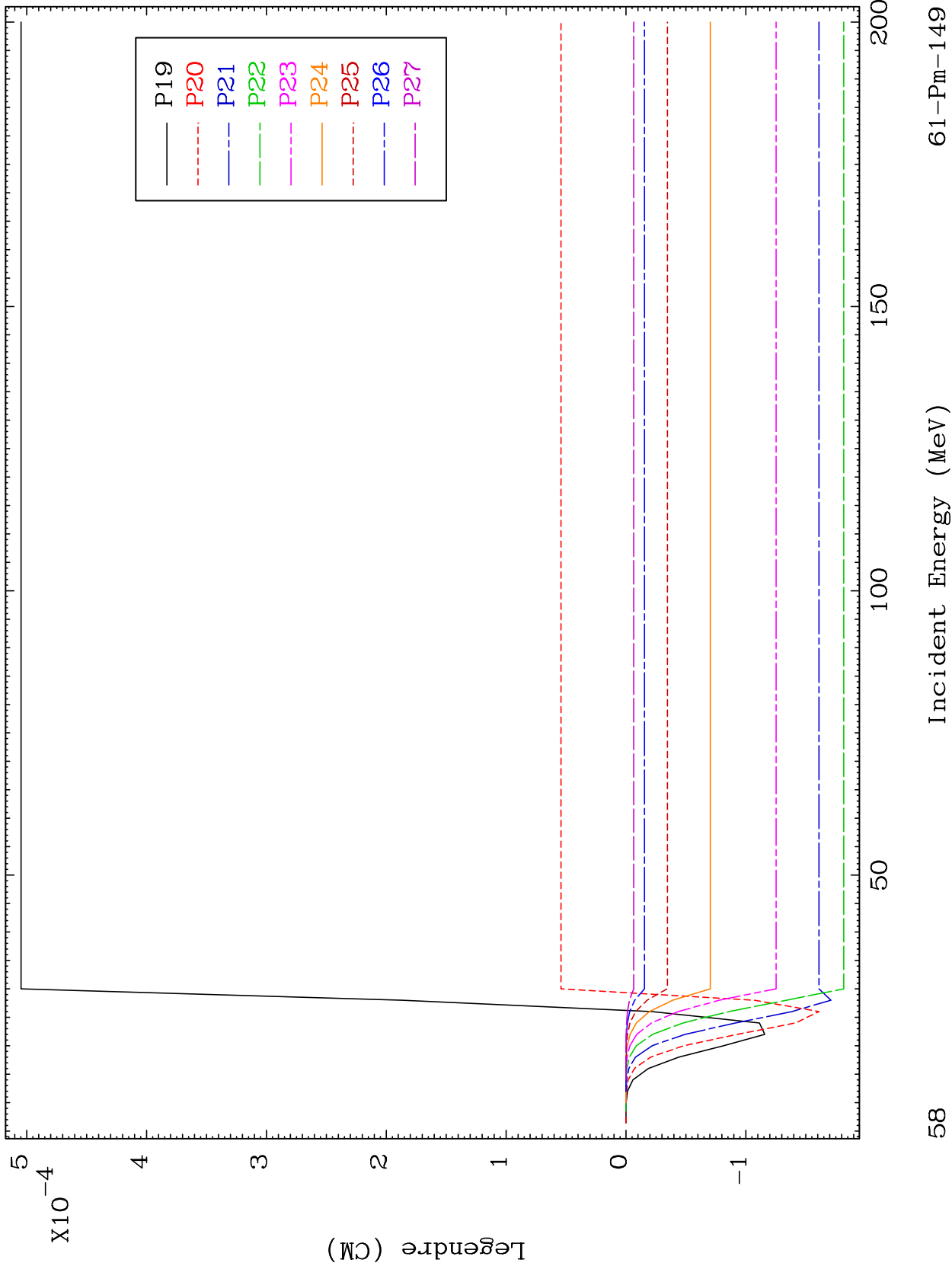
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

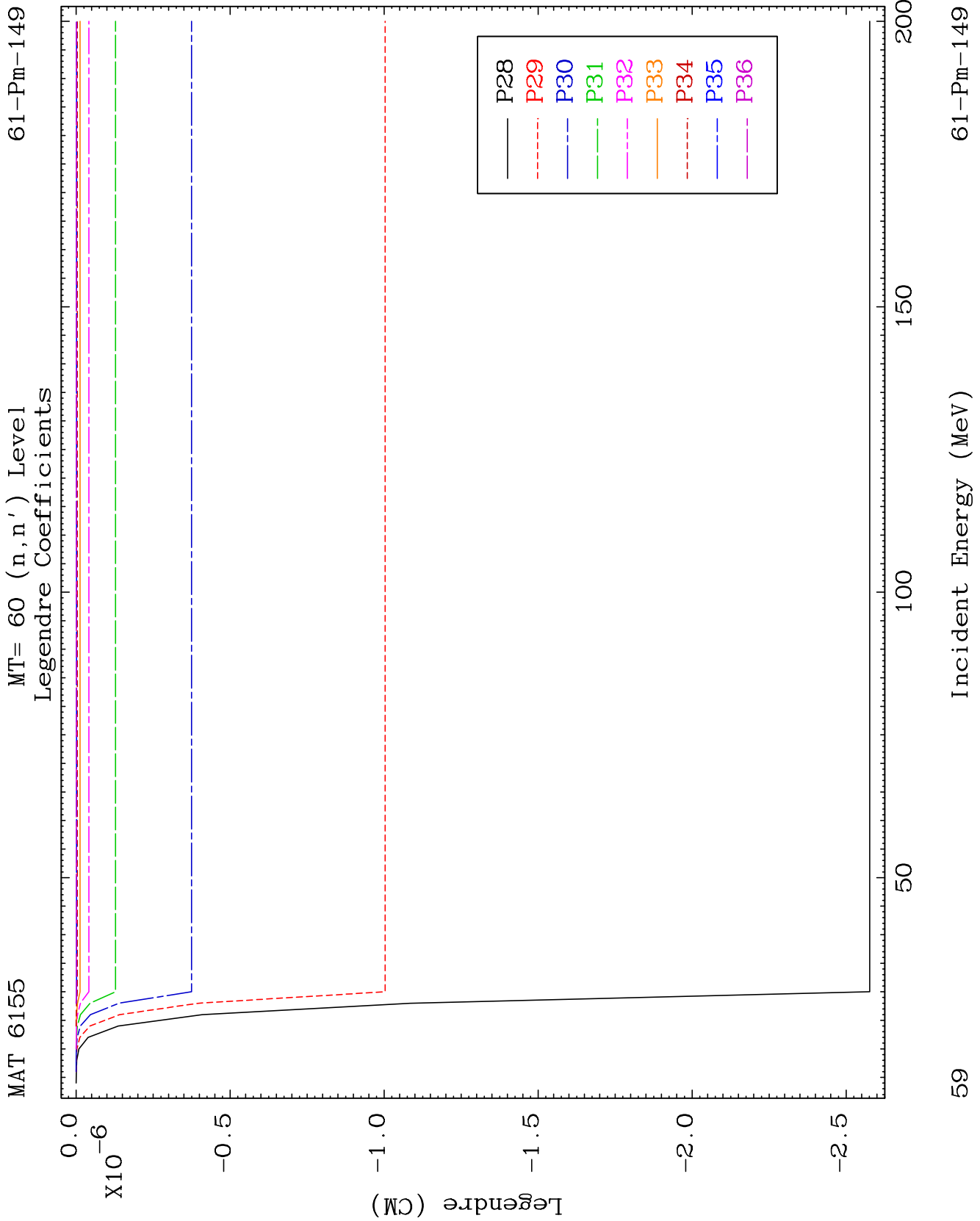
61-Pm-149



58

Incident Energy (MeV)

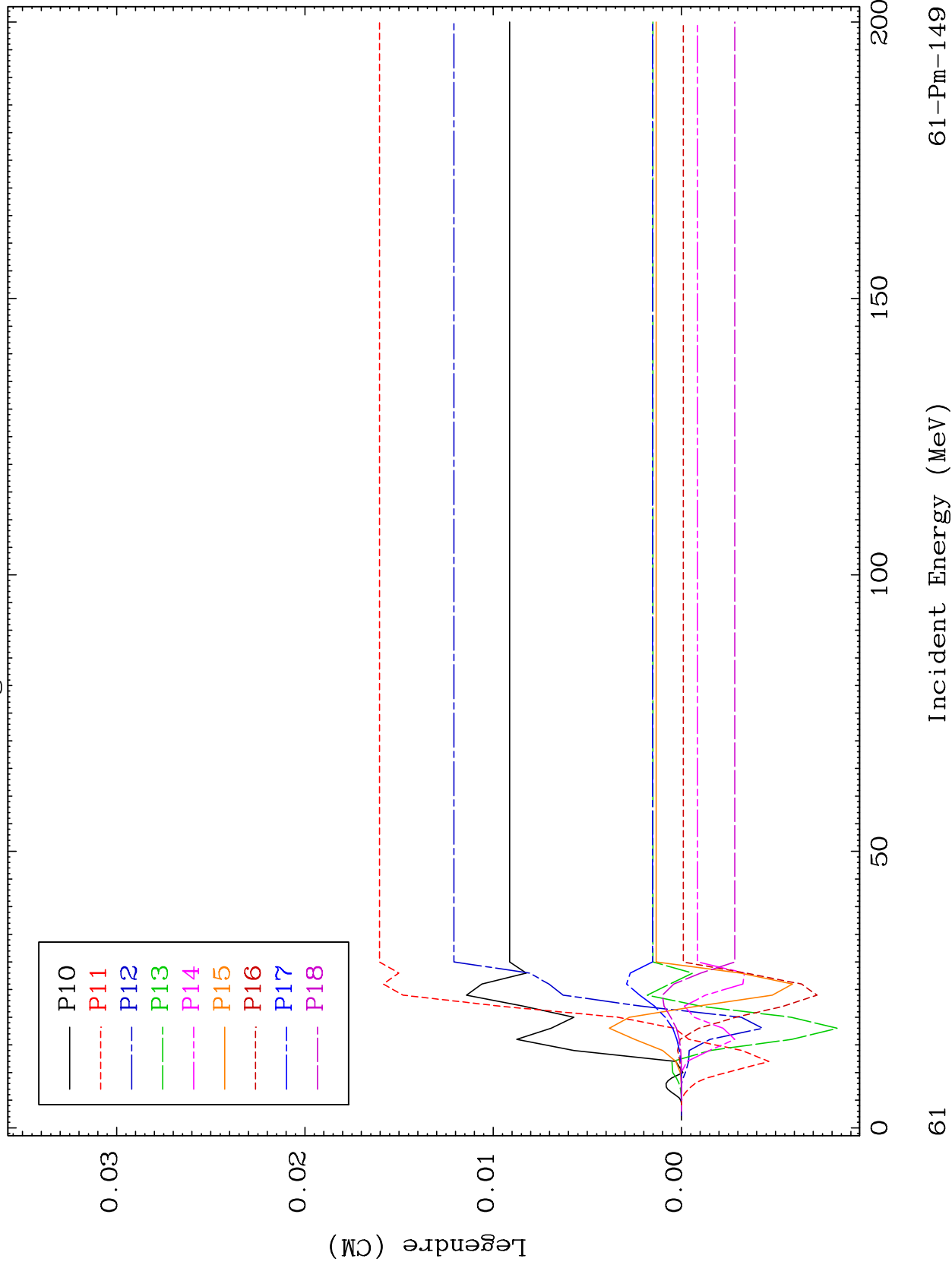
61-Pm-149



MAT 6155

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

61-Pm-149



61

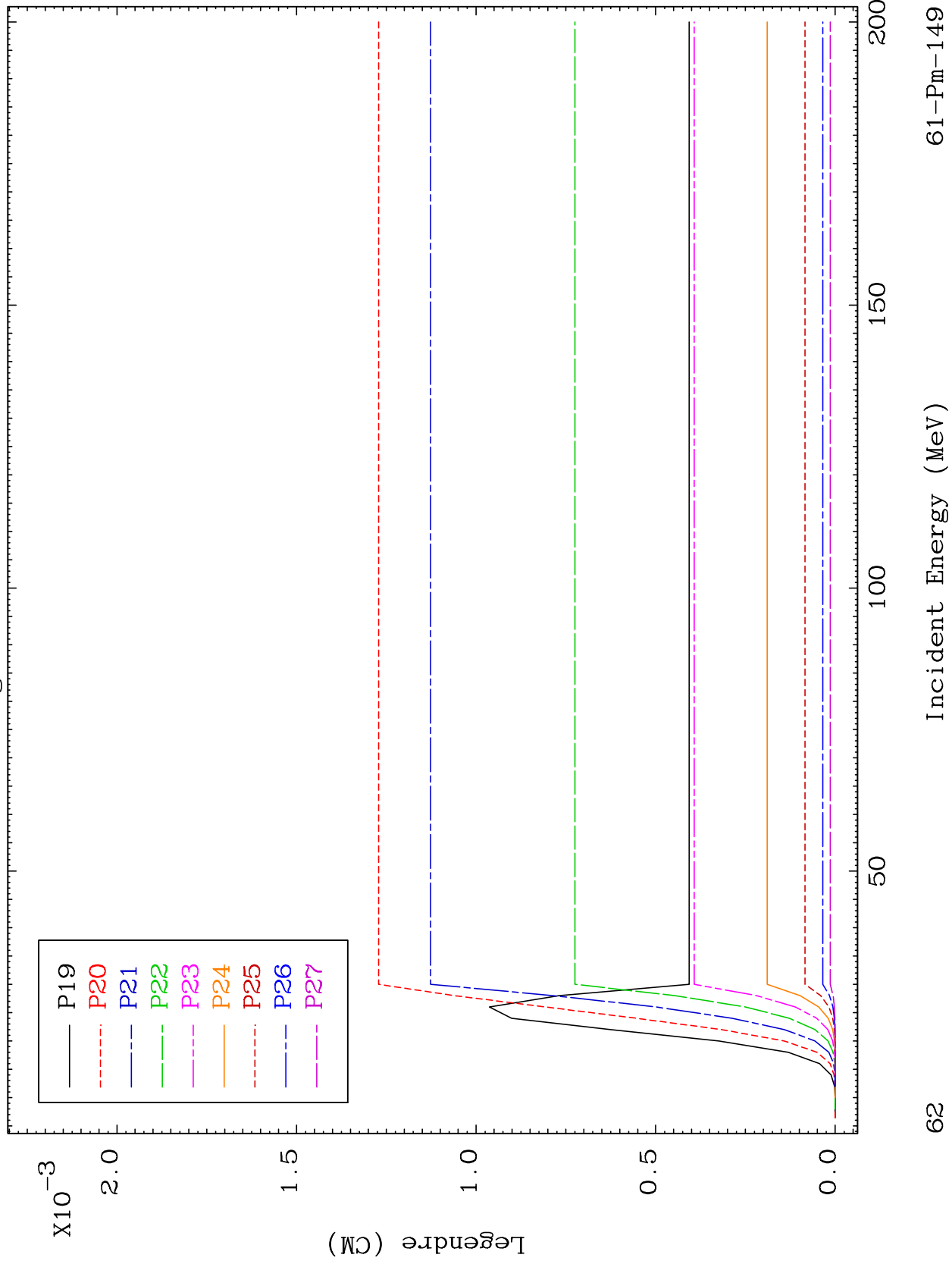
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



62

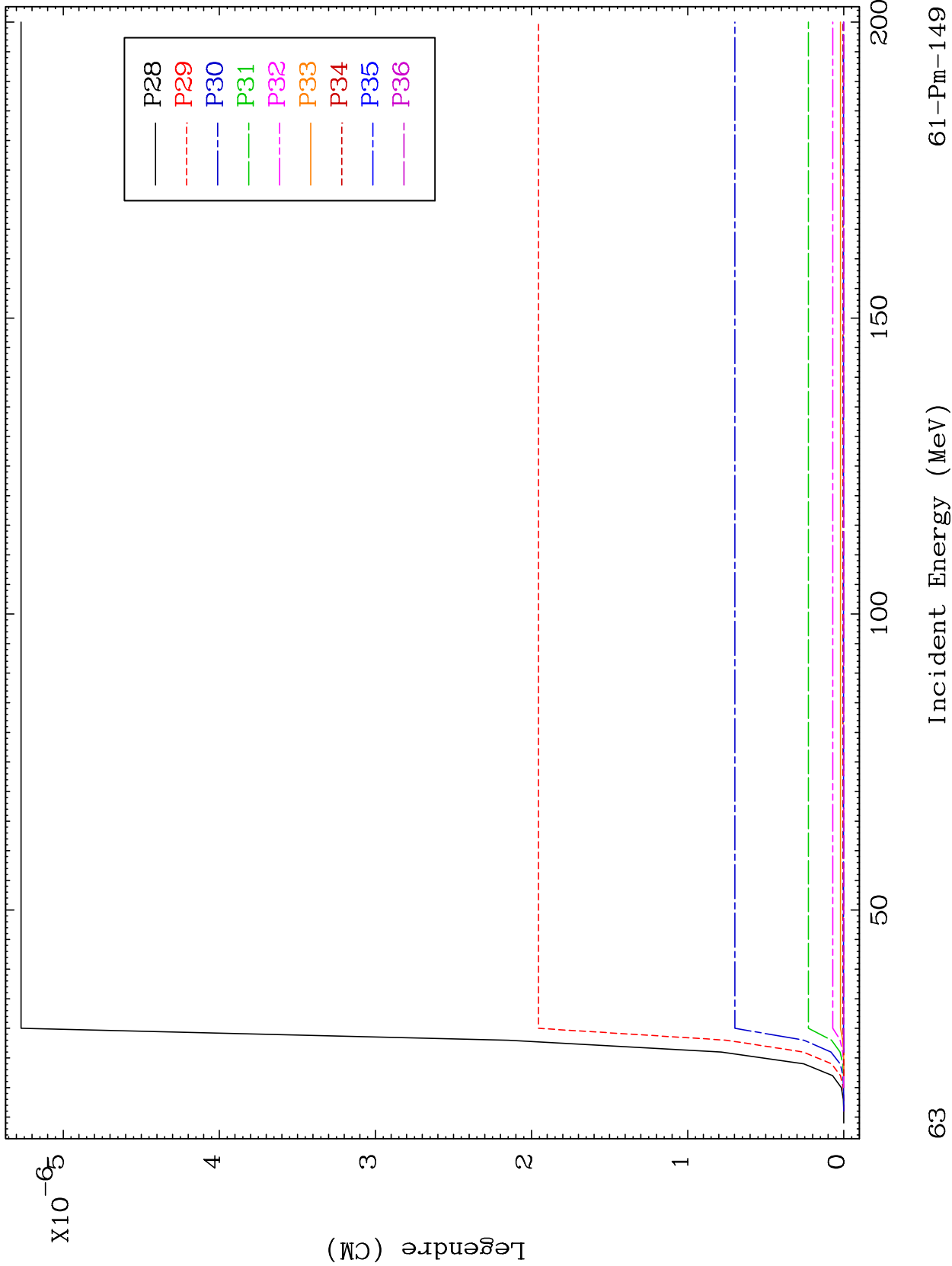
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149

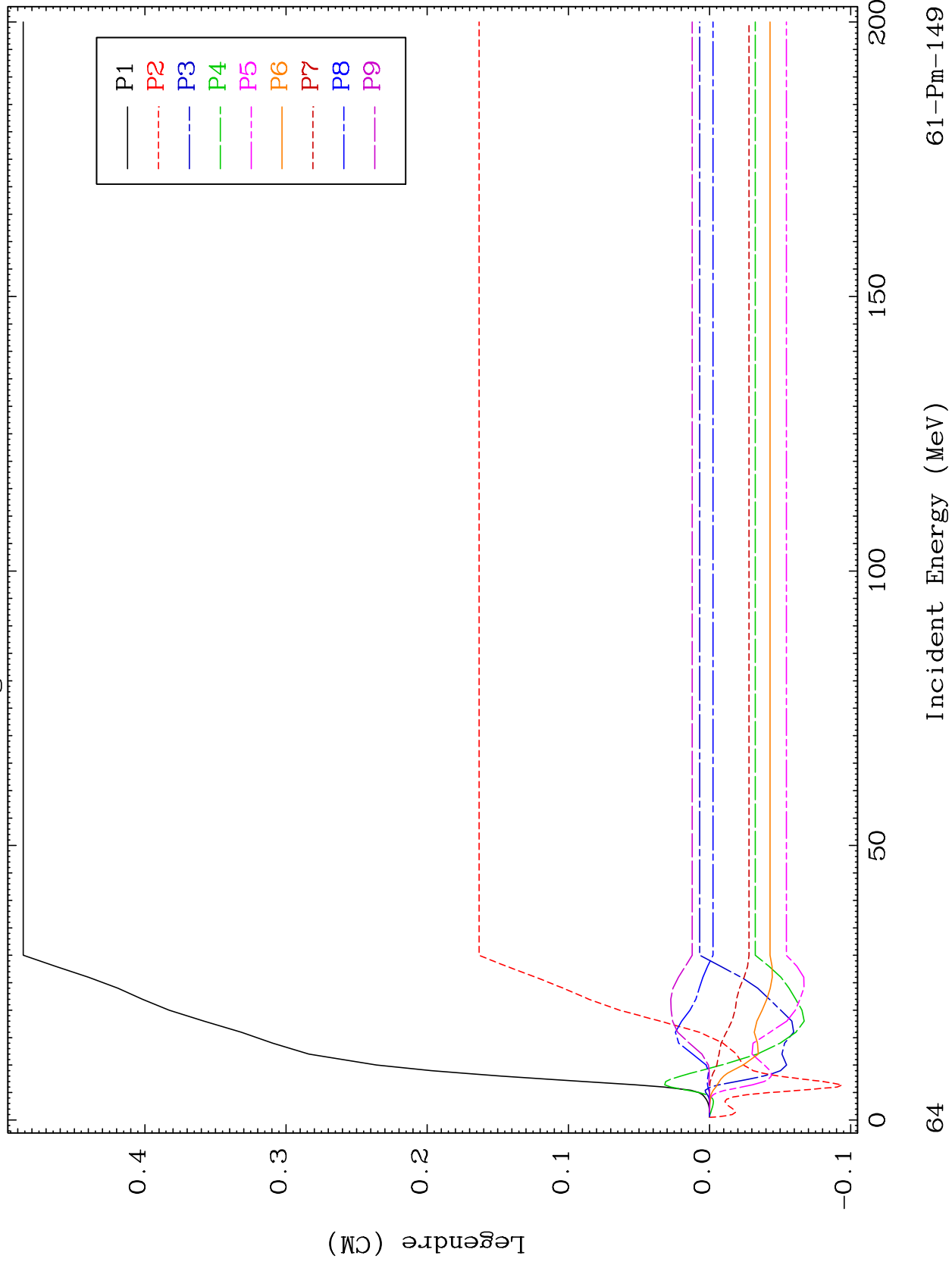


63

MAT 6155

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

61-Pm-149



64

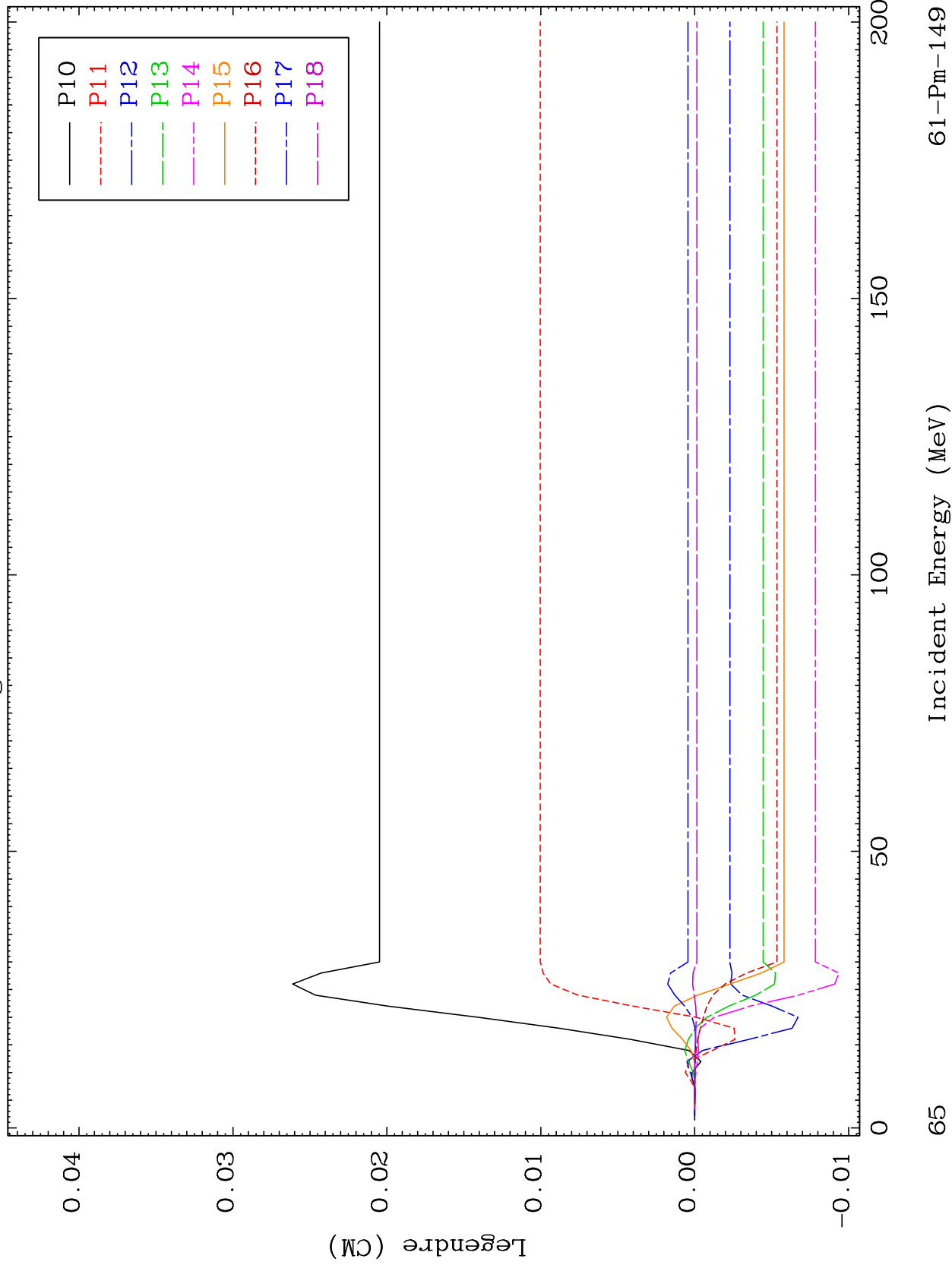
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

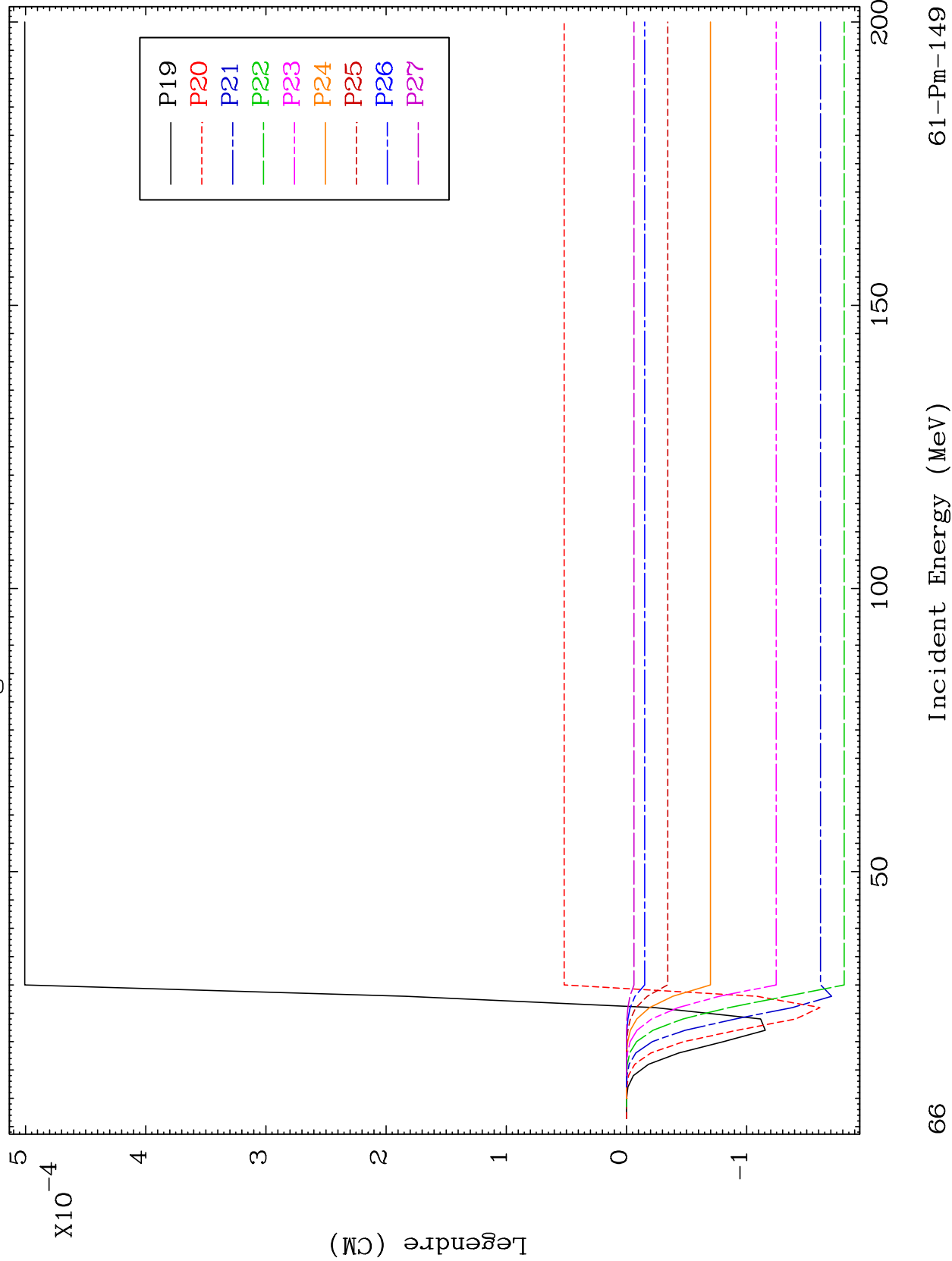
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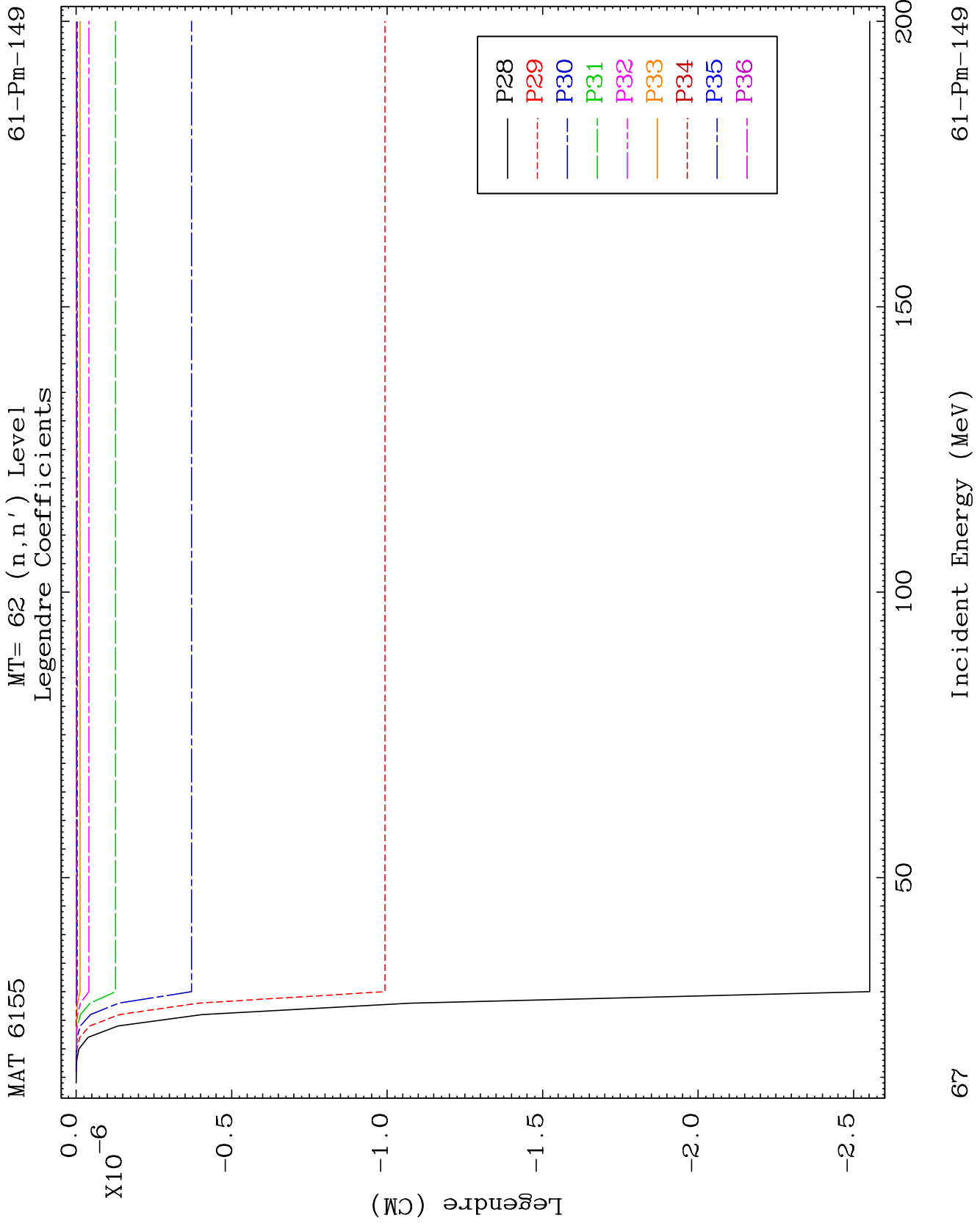


61-Pm-149

Incident Energy (MeV)

65

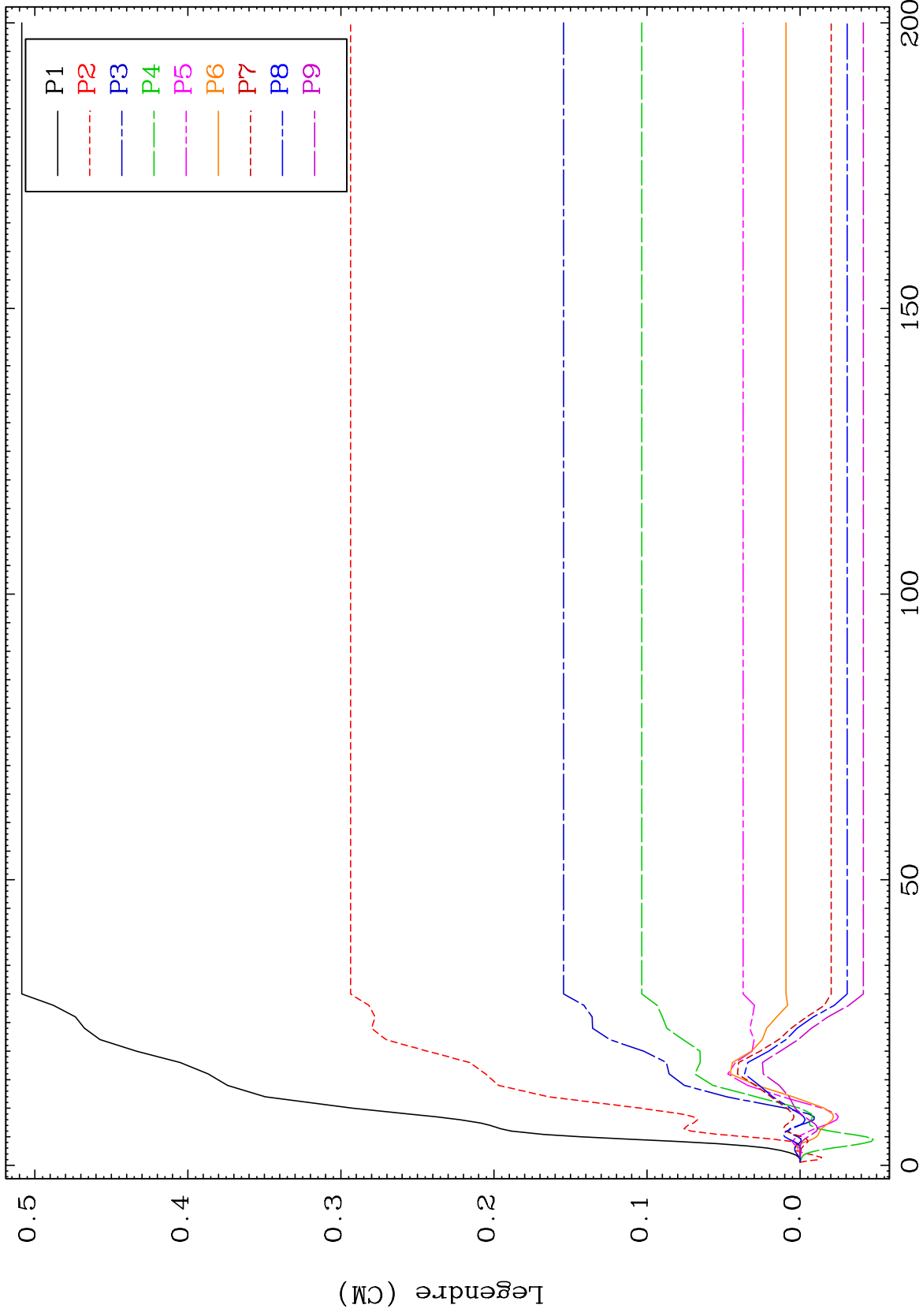




MAT 6155

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

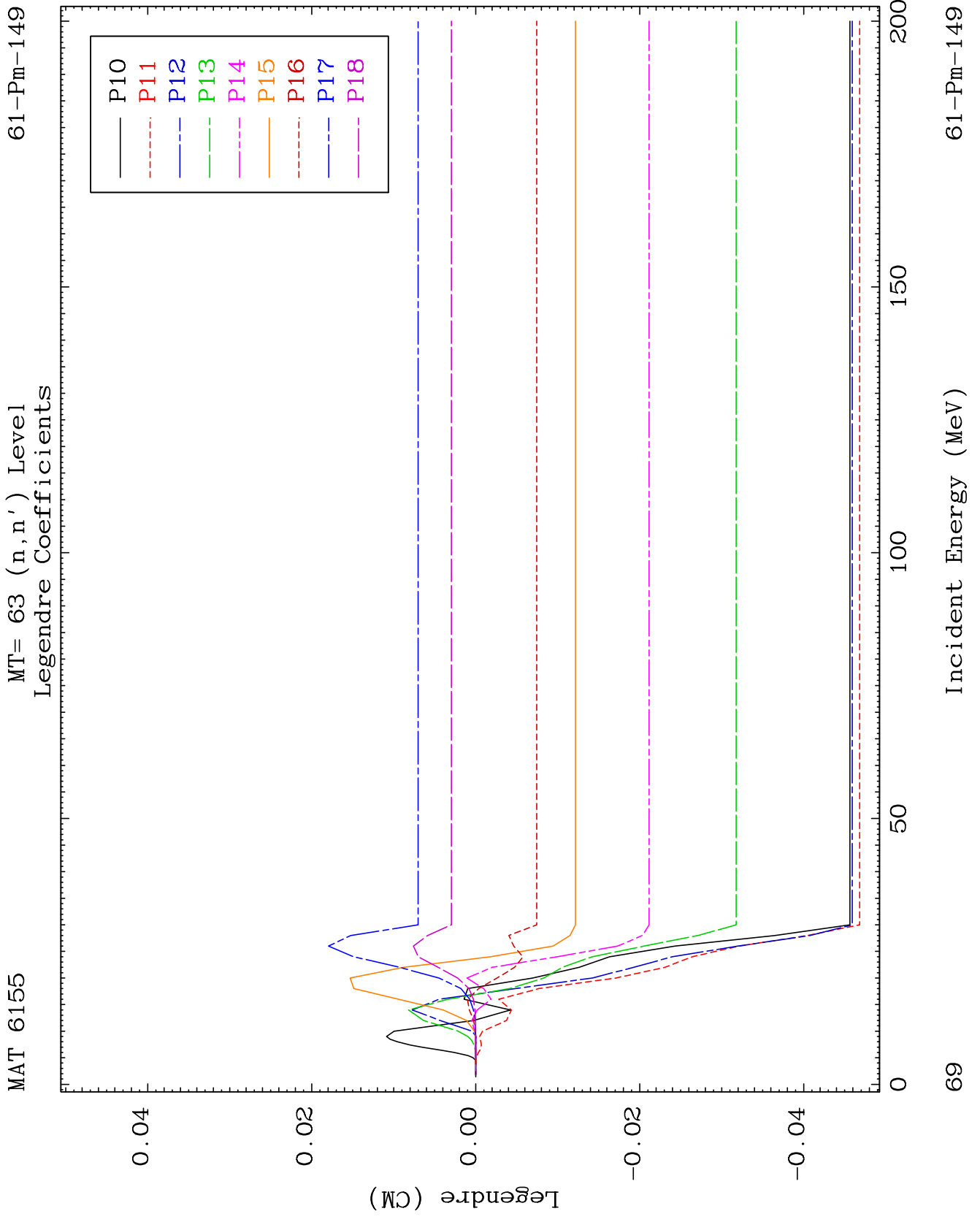
61-Pm-149



61-Pm-149

Incident Energy (MeV)

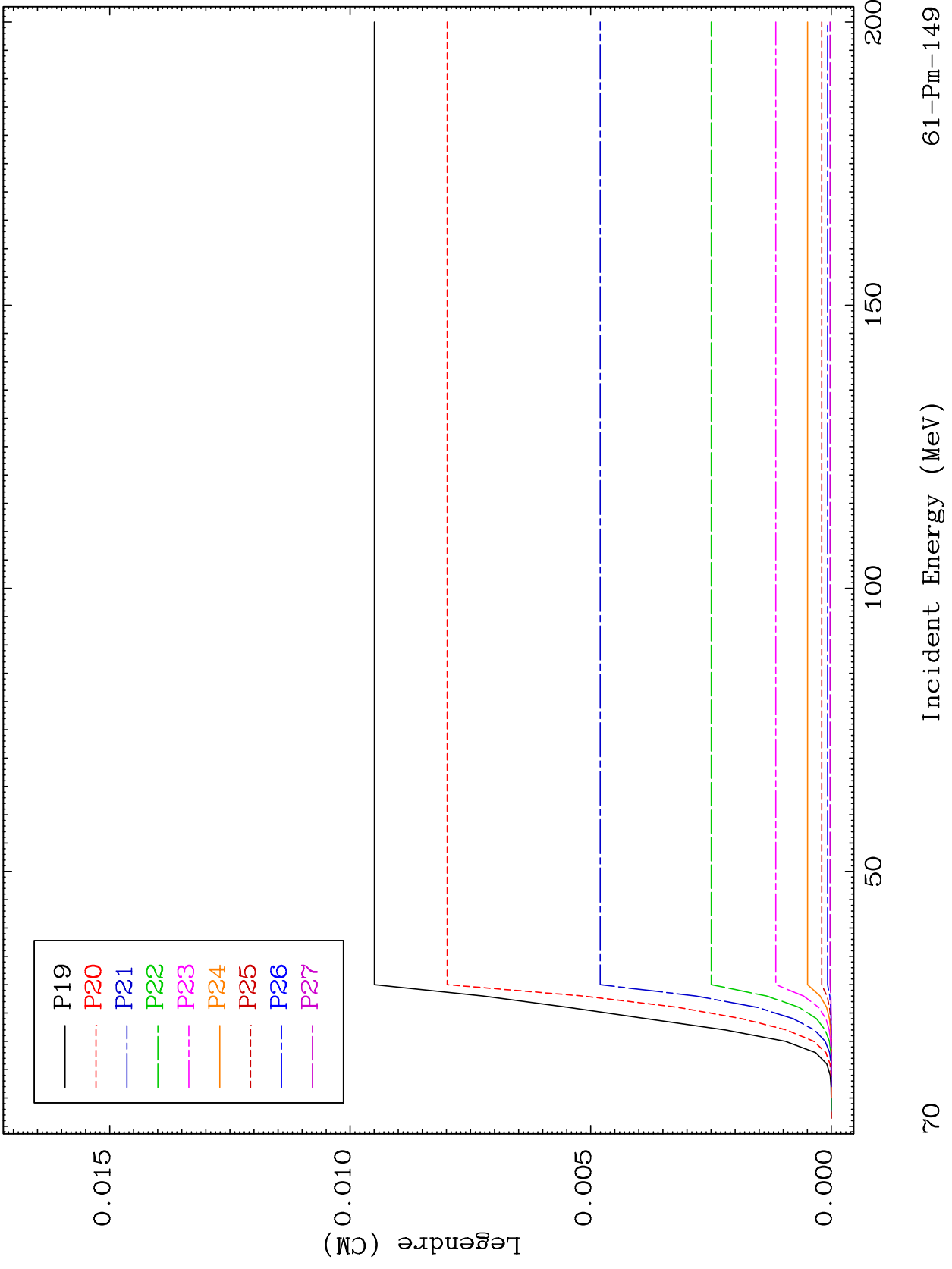
68



MAT 6155

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

61-Pm-149



70

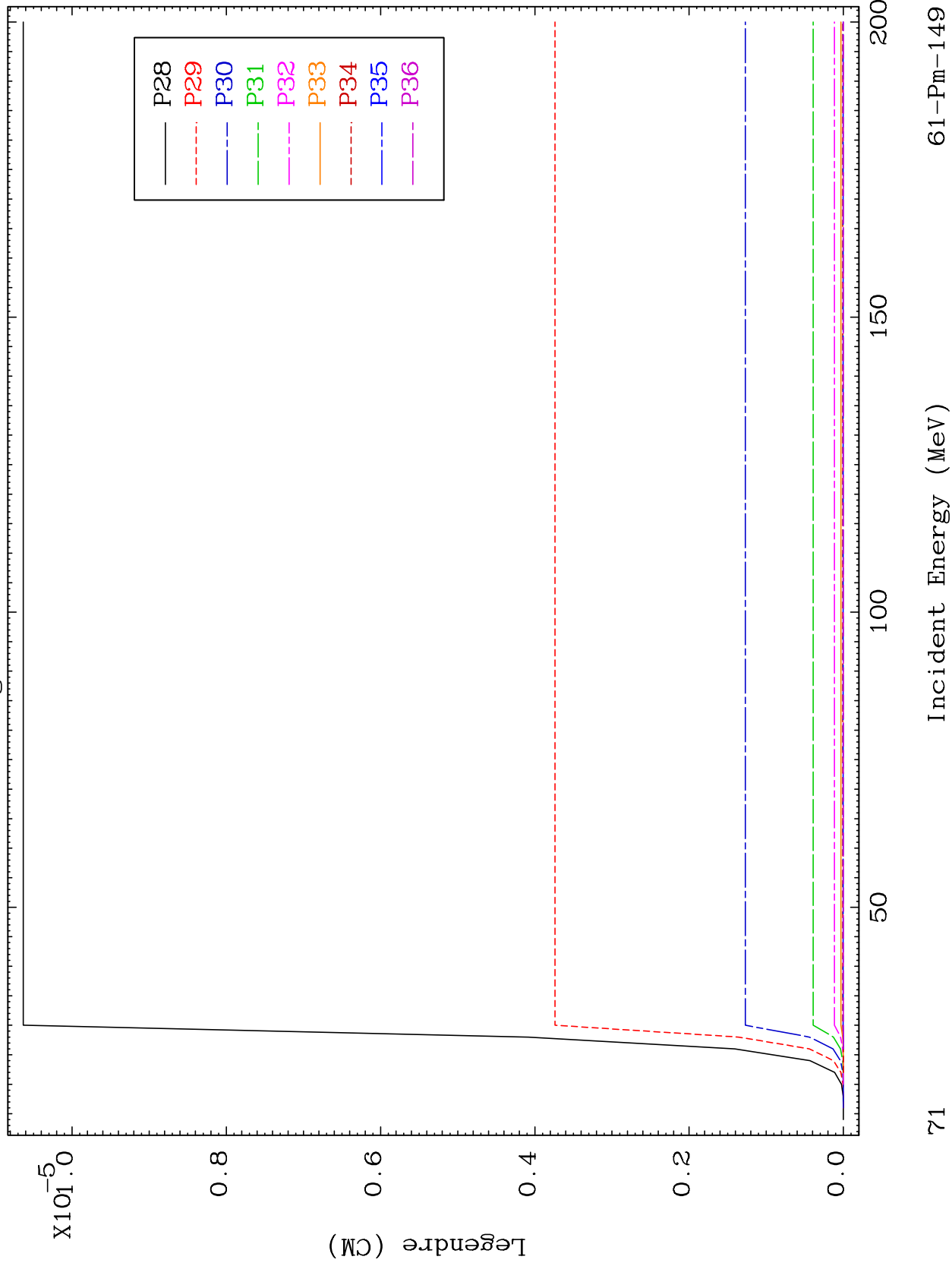
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149

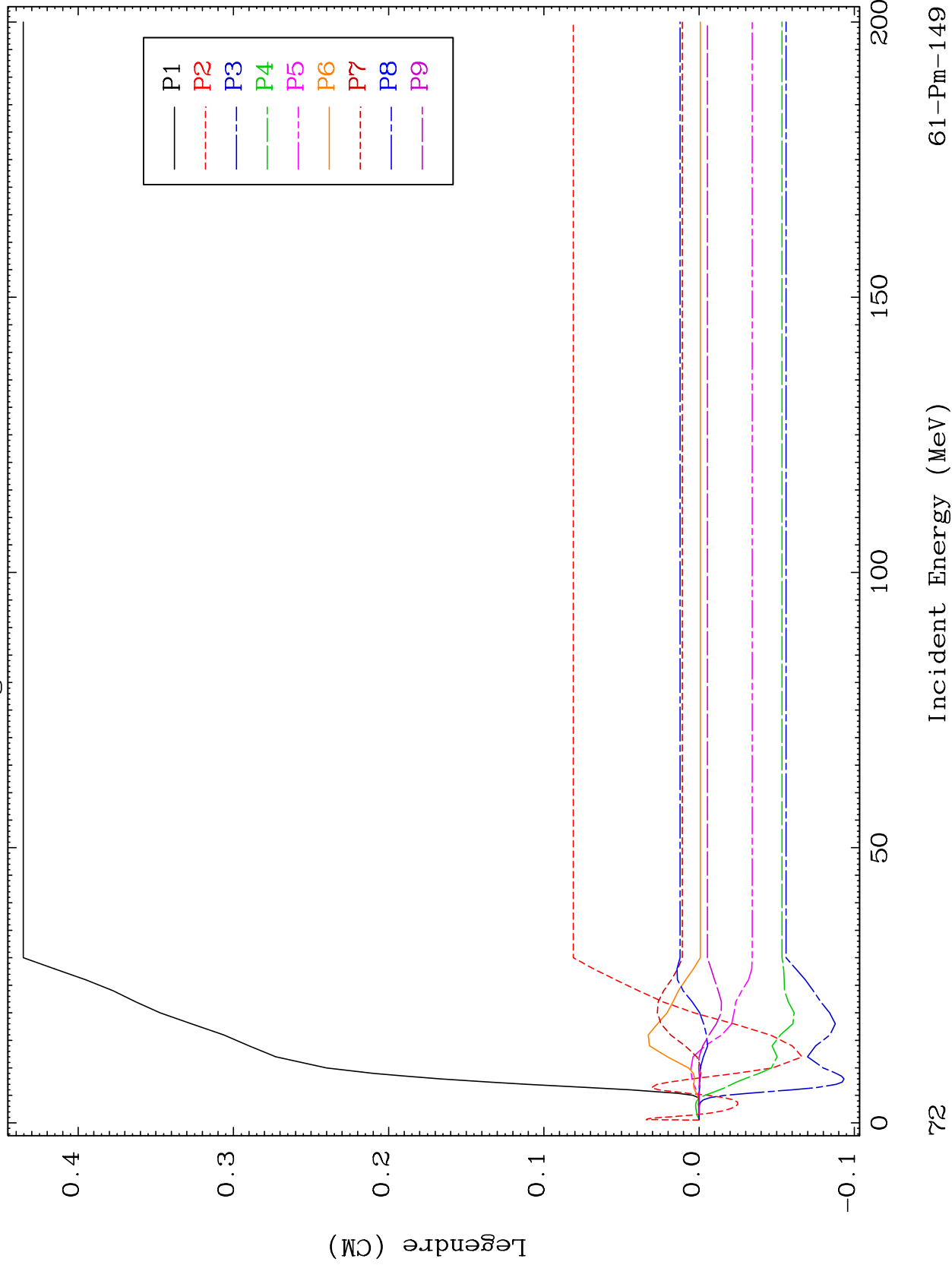


71

MAT 6155

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

61-Pm-149



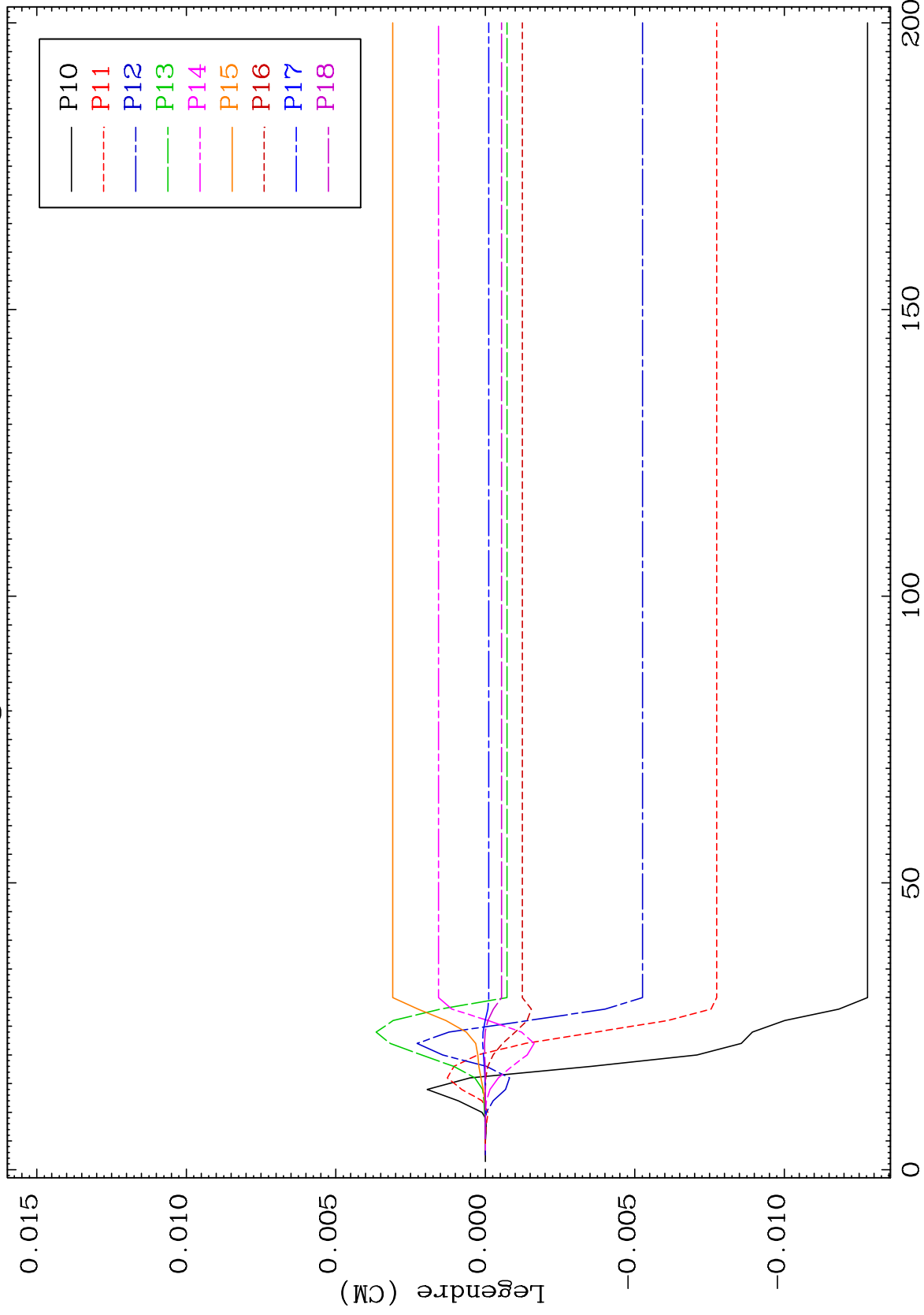
72

61-Pm-149

MAT 6155

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

61-Pm-149



73

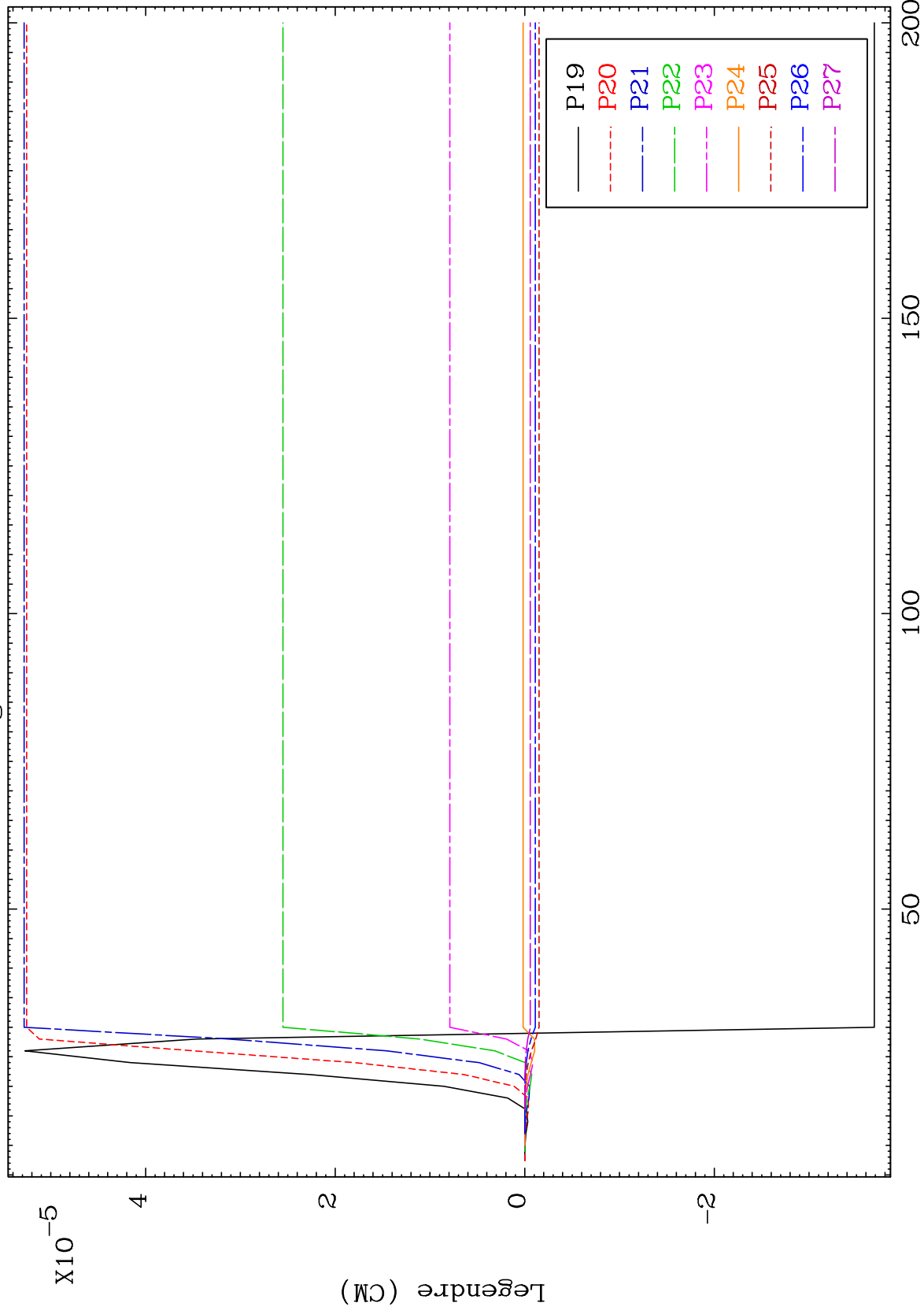
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

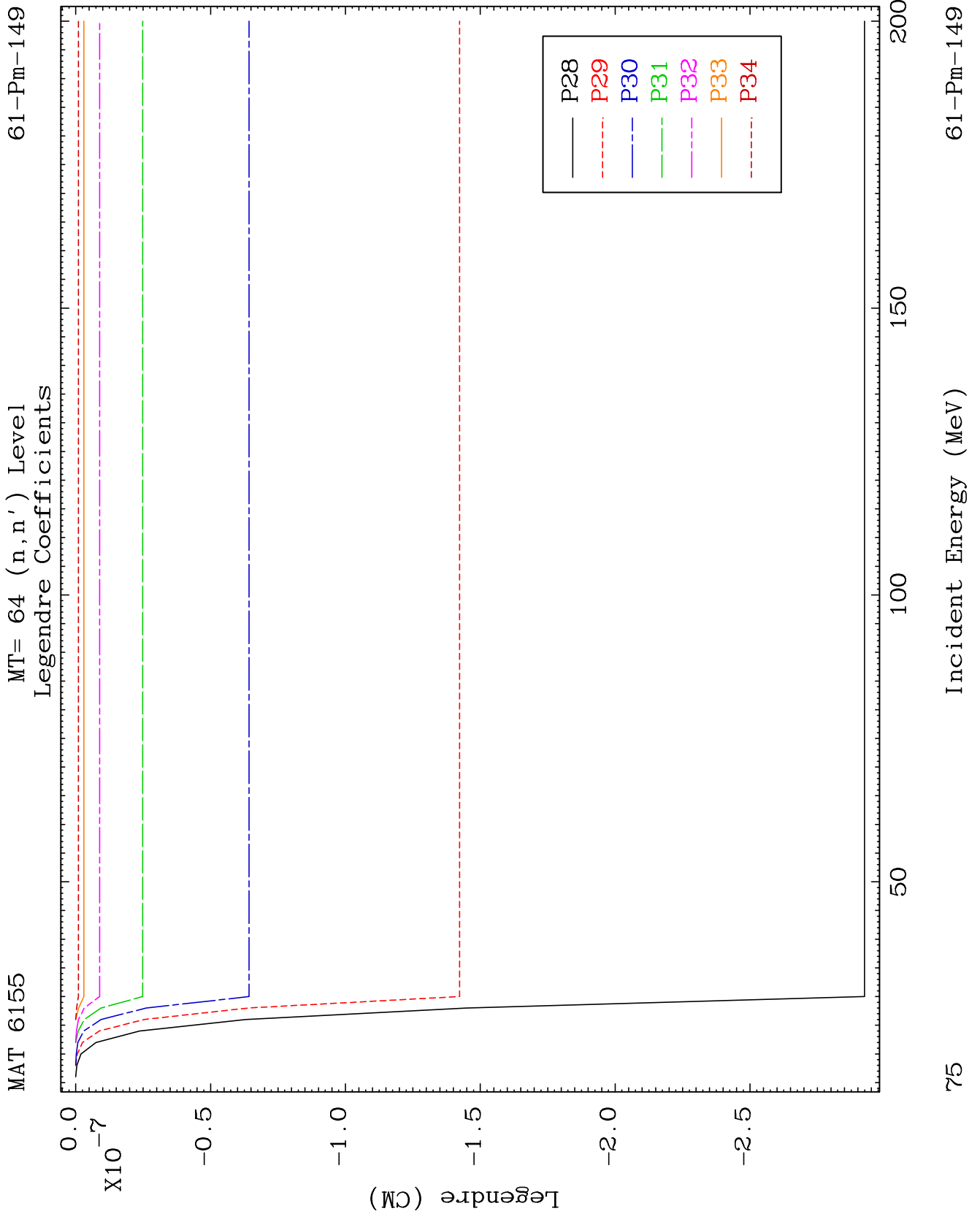
61-Pm-149



74

Incident Energy (MeV)

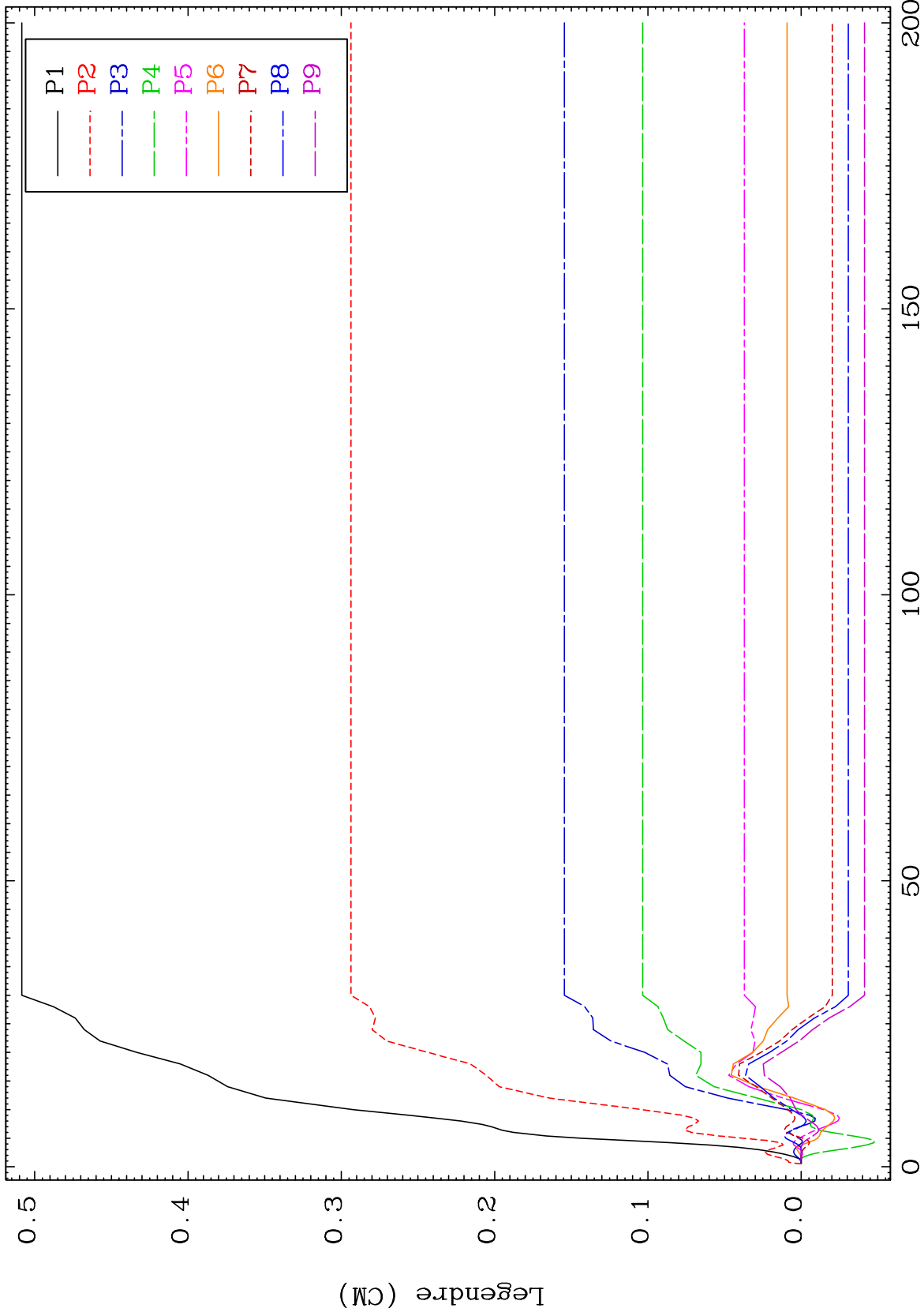
61-Pm-149



MAT 6155

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

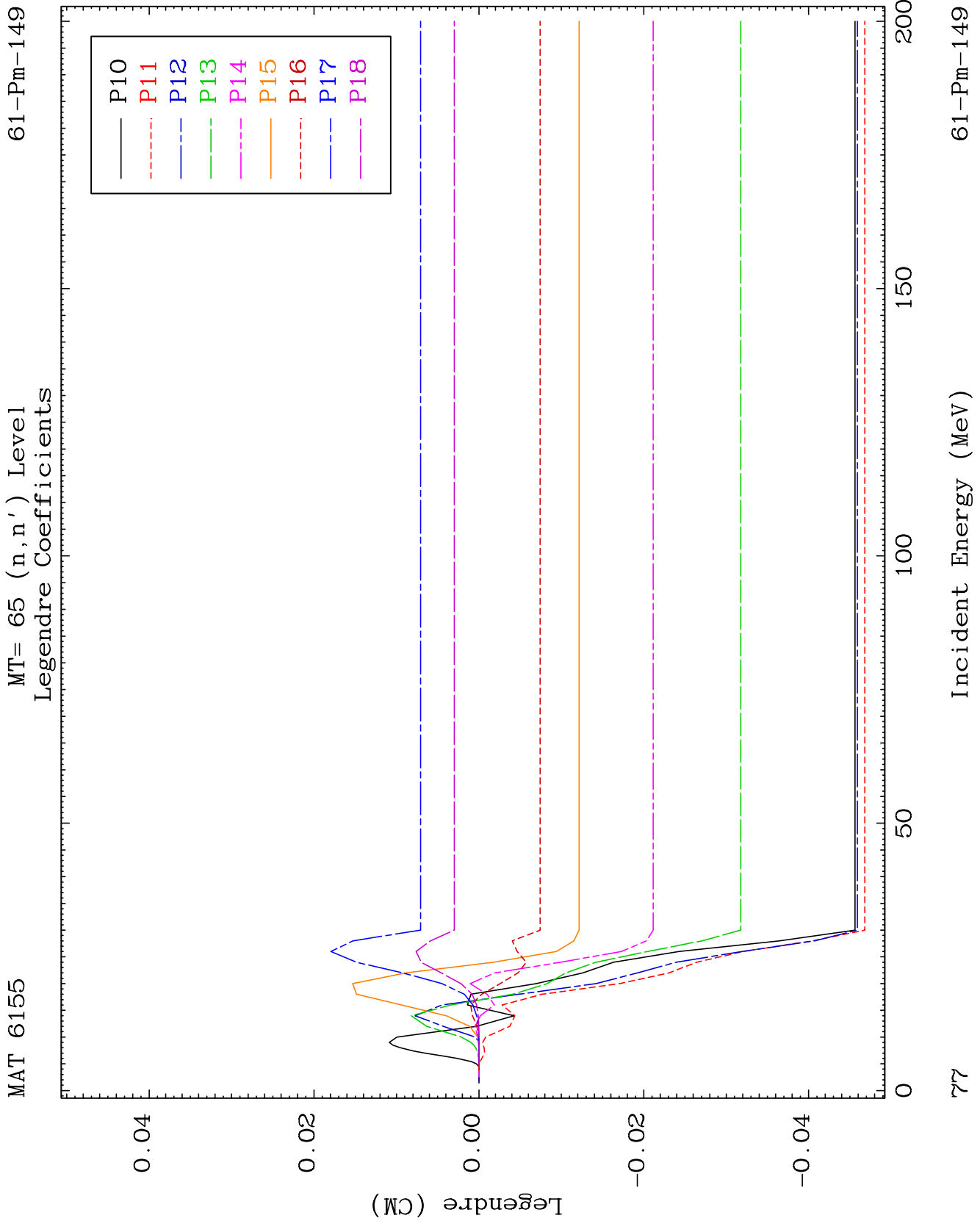
61-Pm-149



76

Incident Energy (MeV)

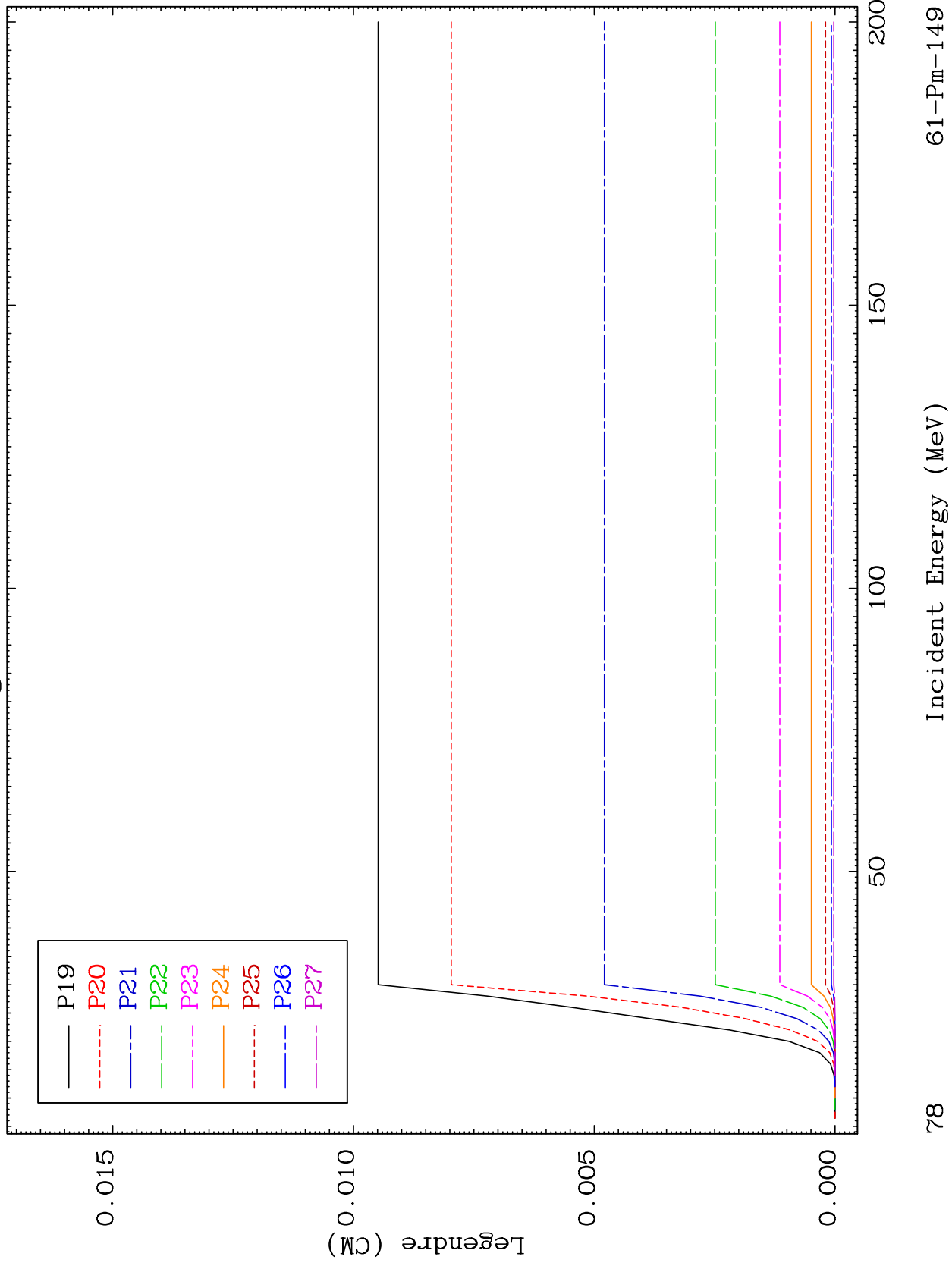
61-Pm-149



MAT 6155

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

61-Pm-149



78

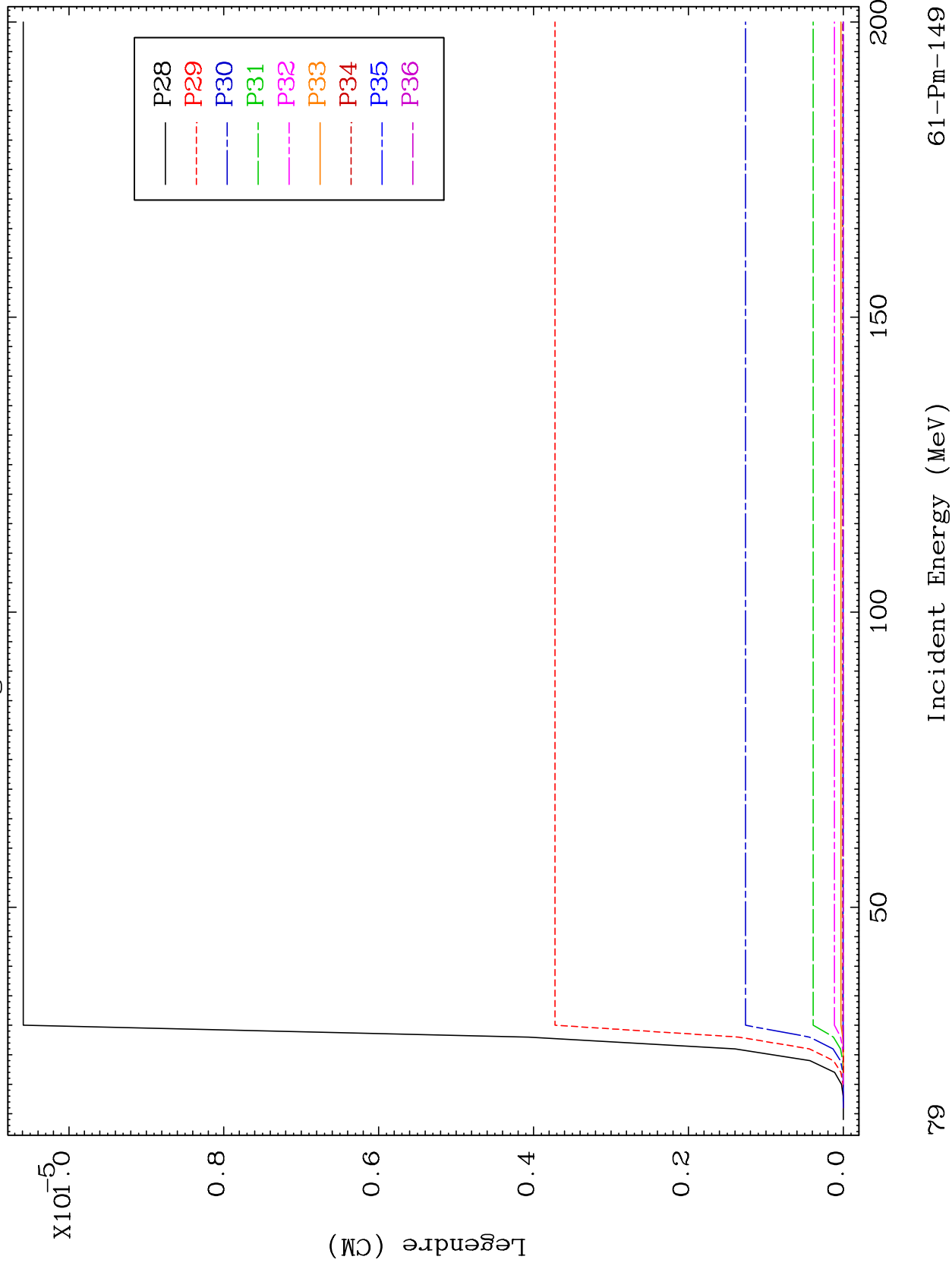
Incident Energy (MeV)

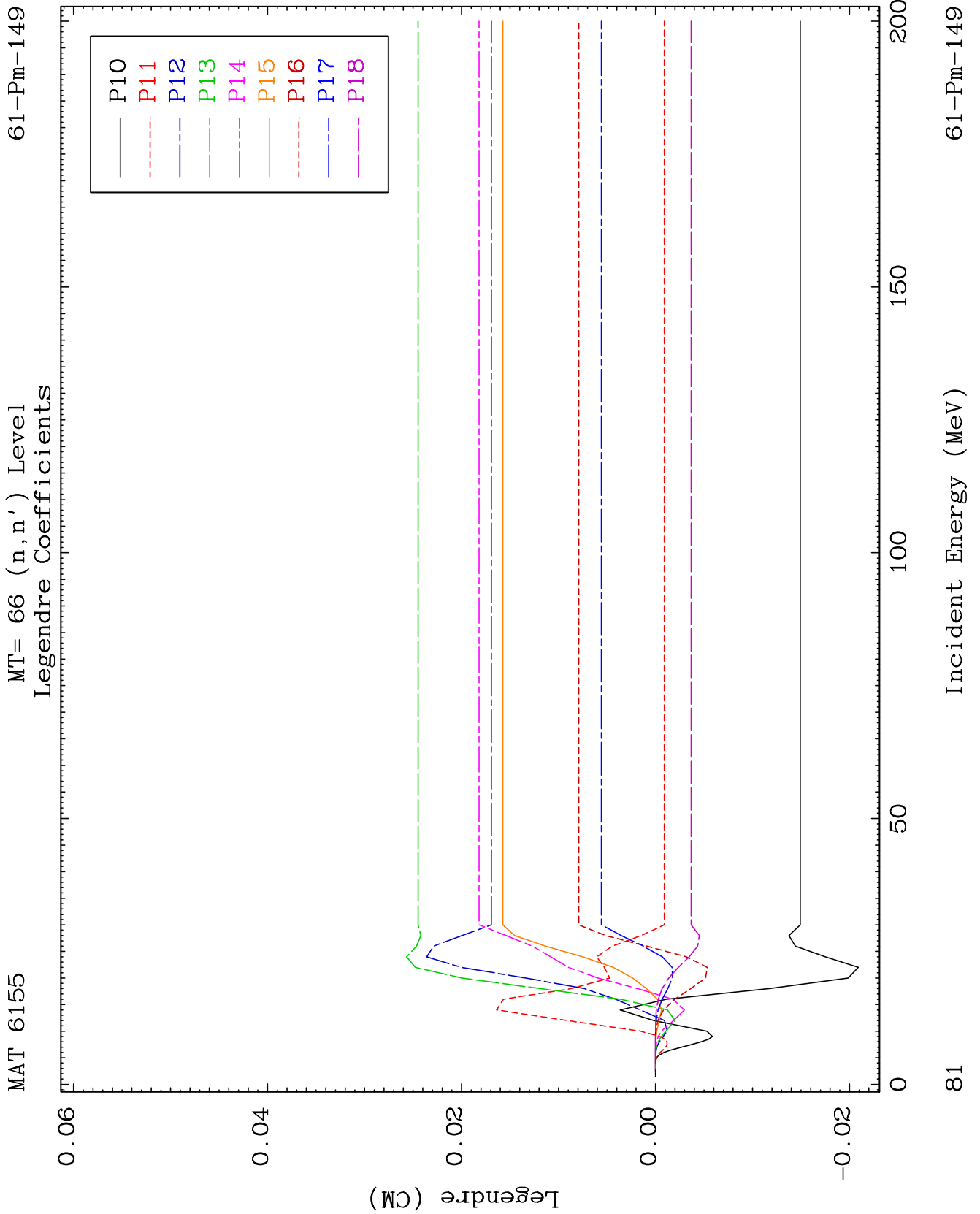
61-Pm-149

MAT 6155

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

61-Pm-149

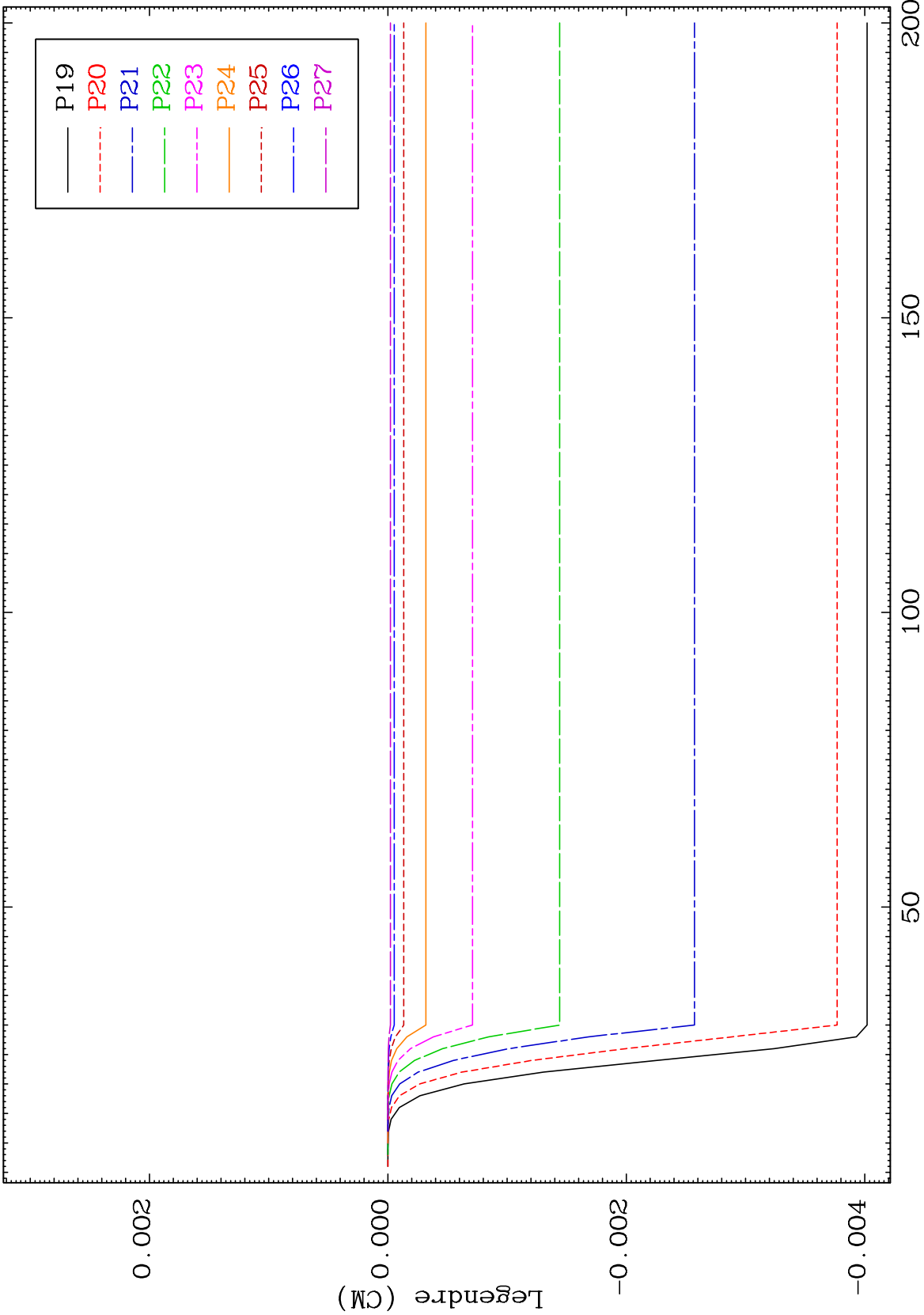




MAT 6155

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

61-Pm-149



82

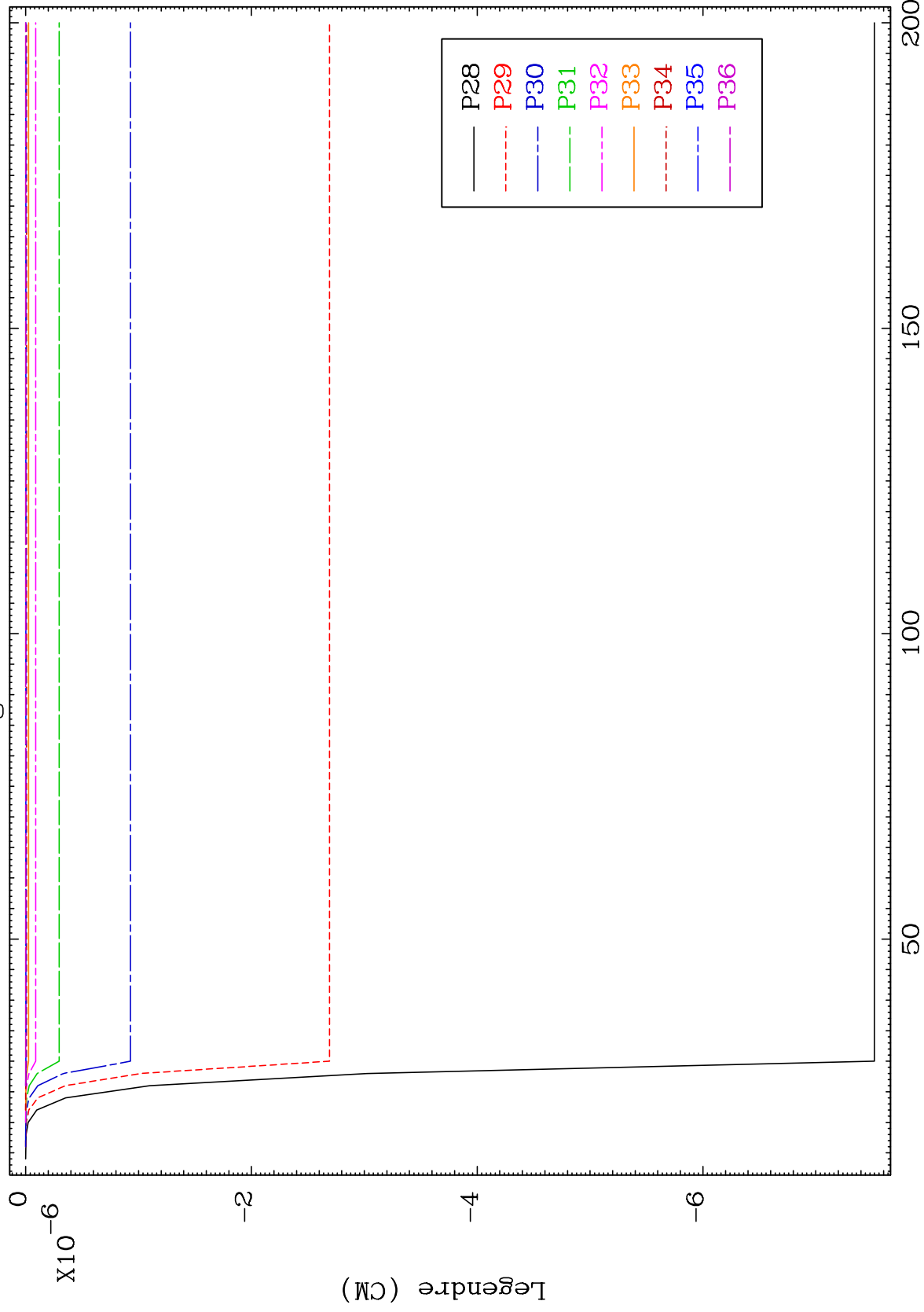
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



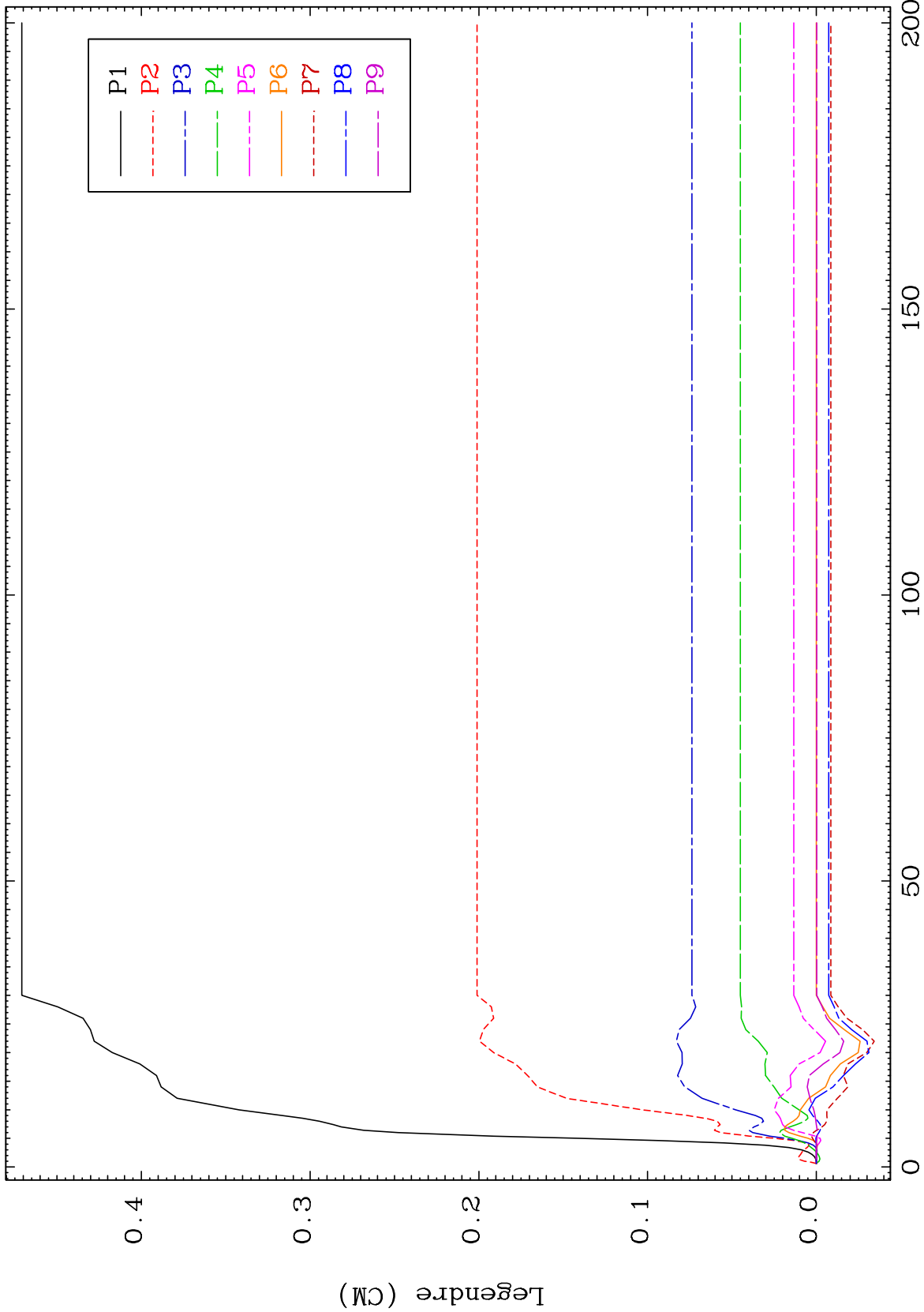
83

61-Pm-149

MAT 6155

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

61-Pm-149



84

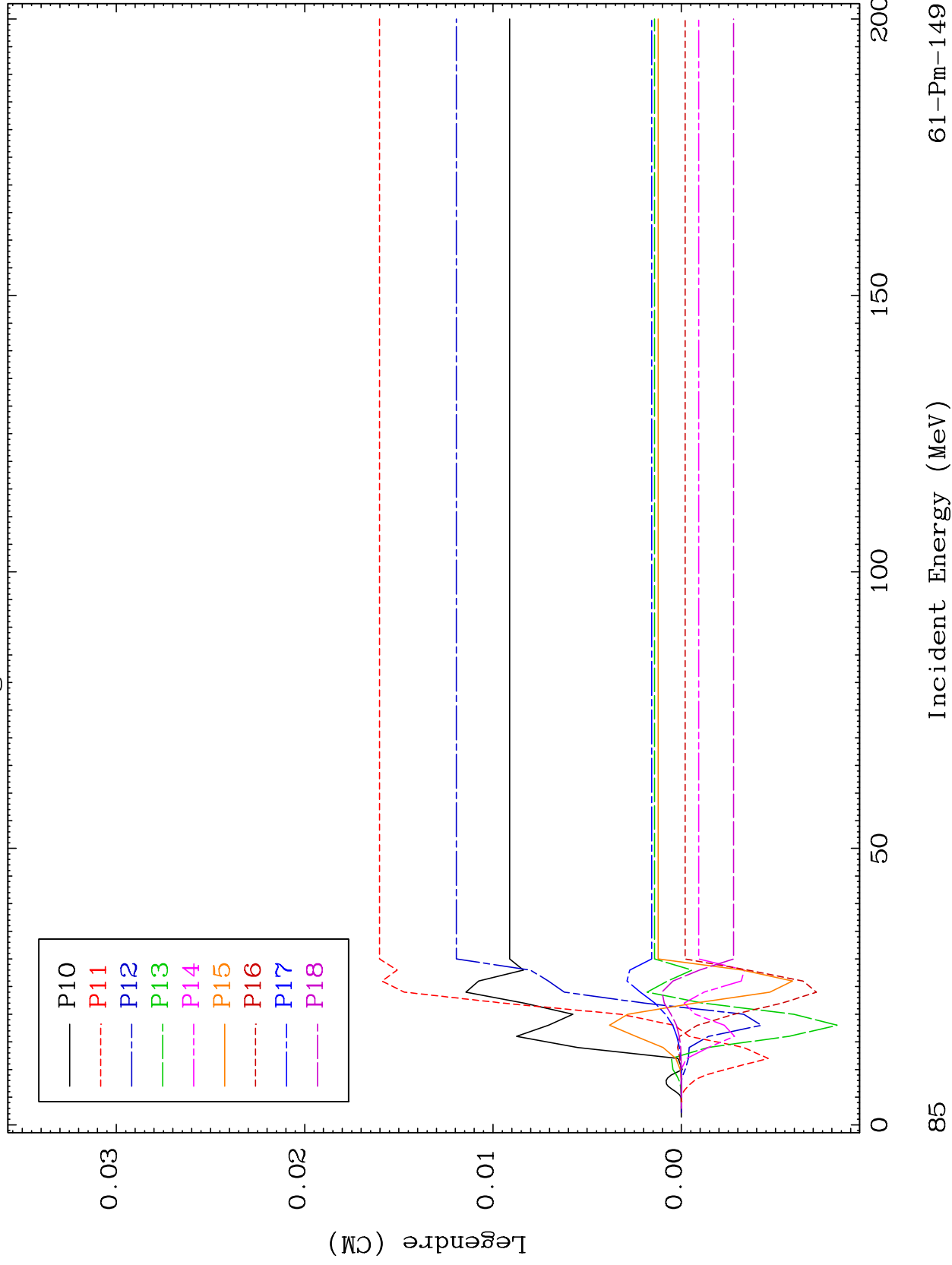
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

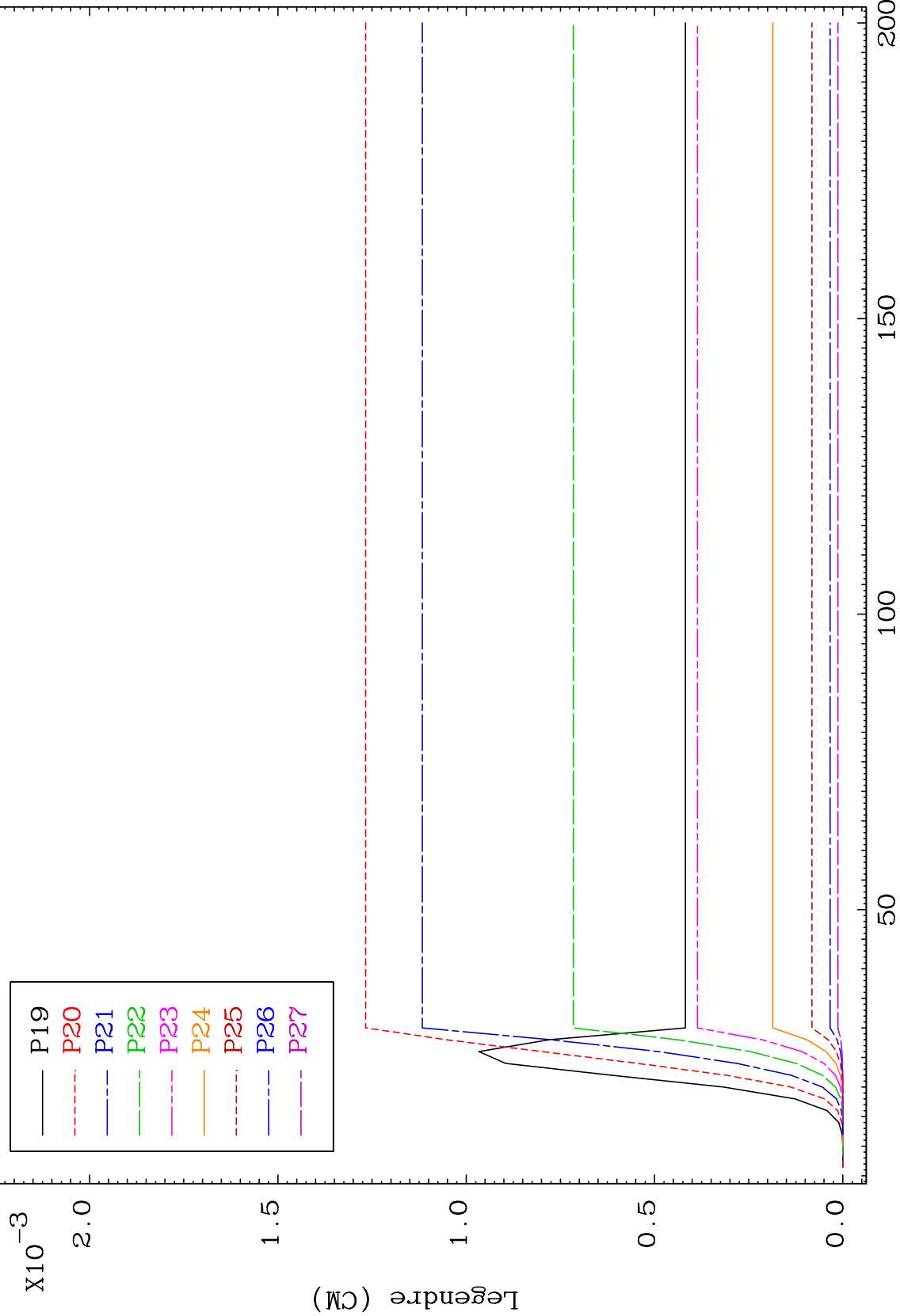
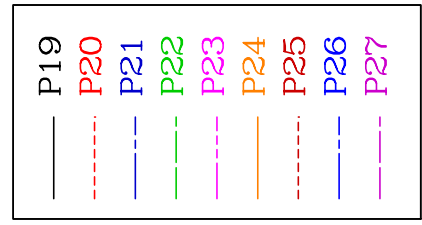
61-Pm-149



61-Pm-149

Incident Energy (MeV)

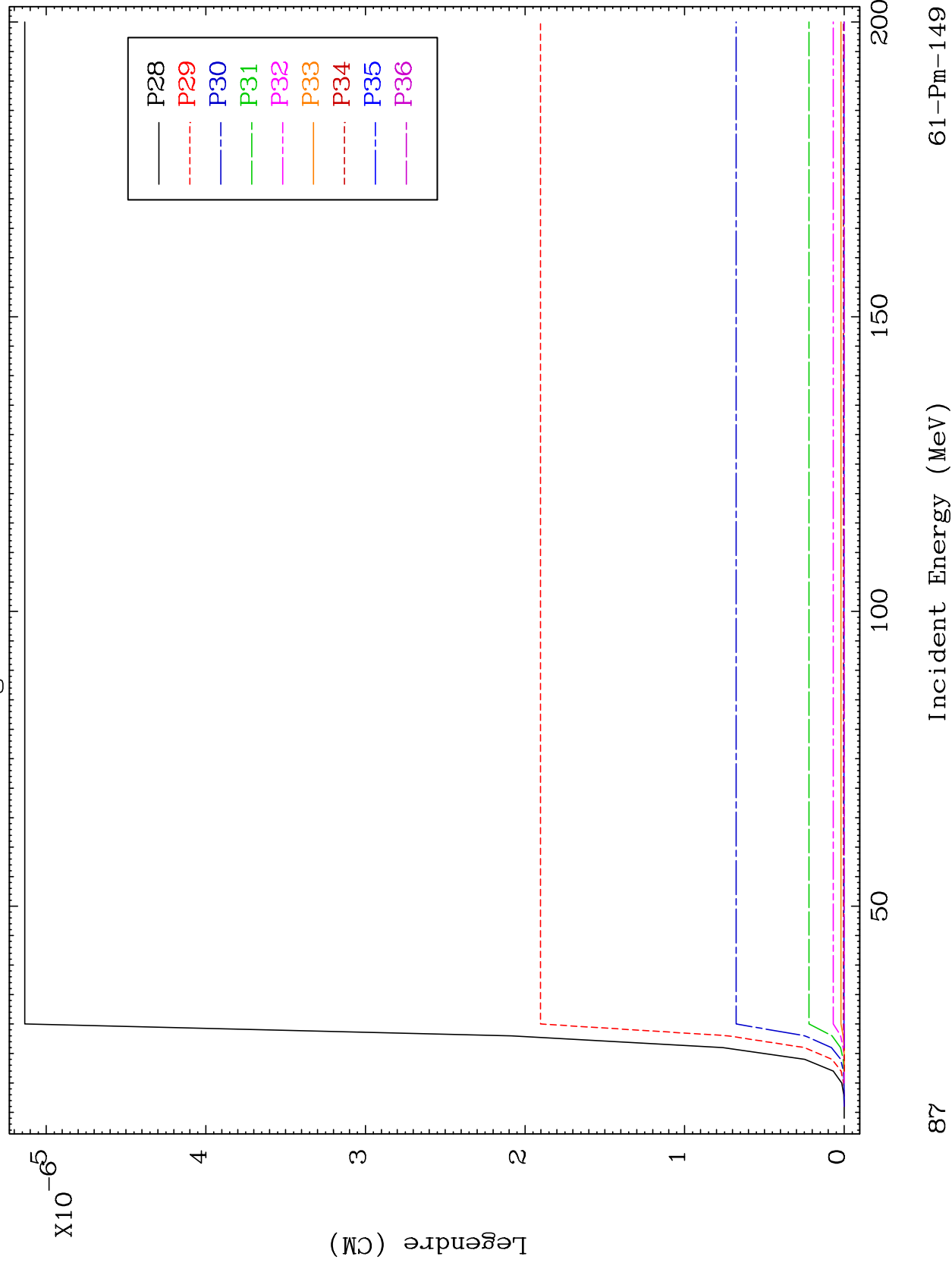
85



MAT 6155

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

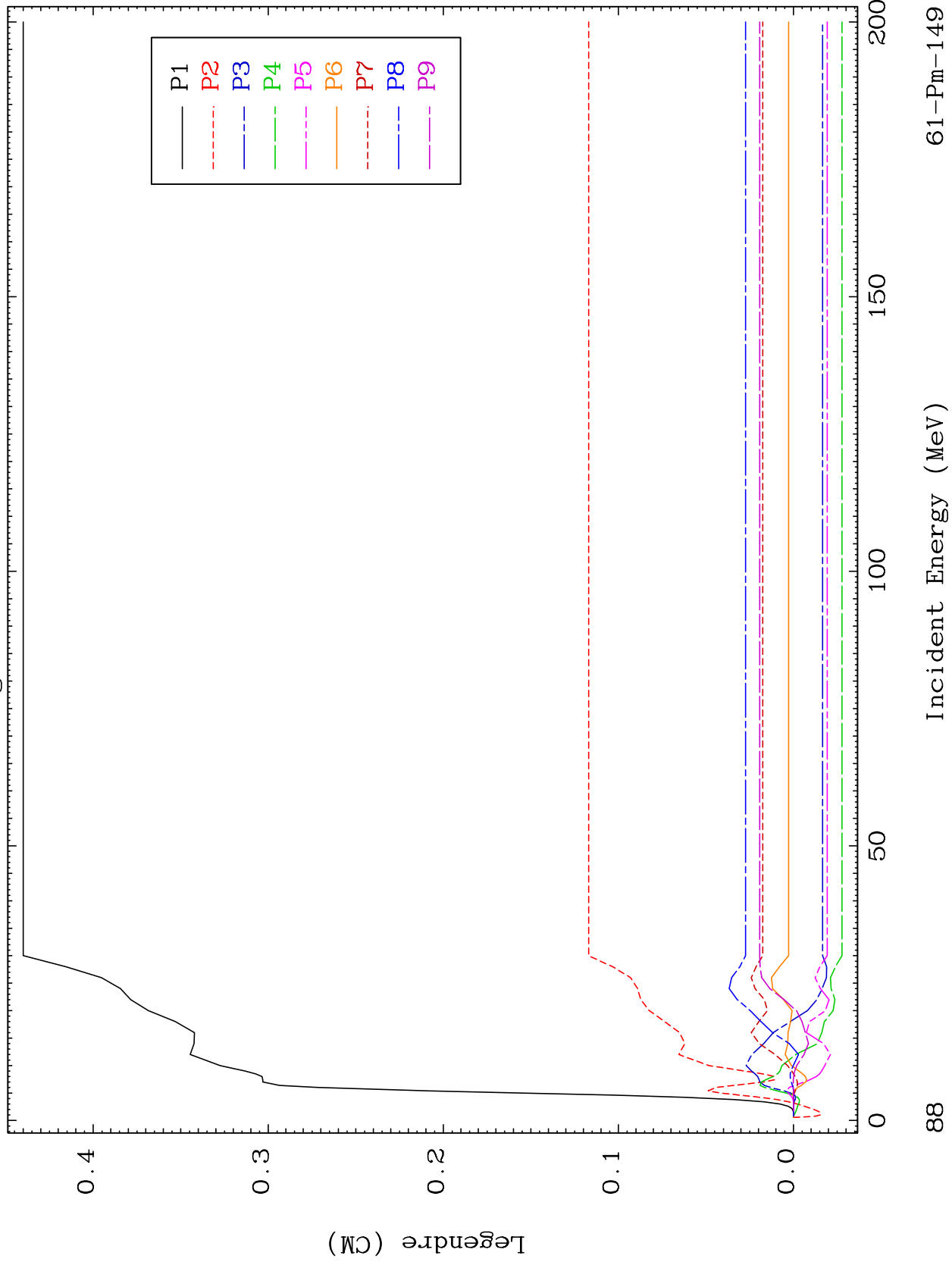
61-Pm-149



MAT 6155

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

61-Pm-149



61-Pm-149

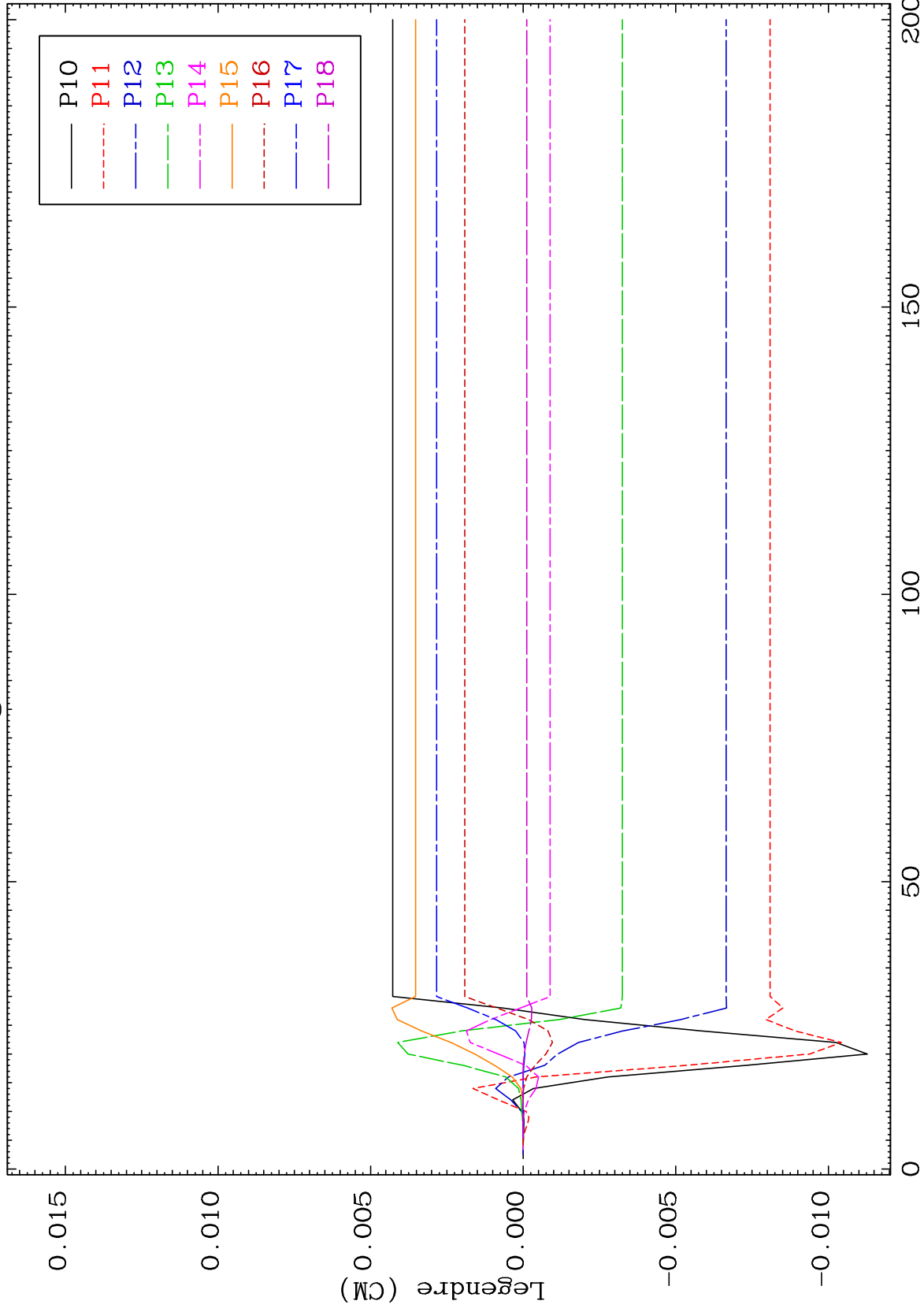
Incident Energy (MeV)

88

MAT 6155

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

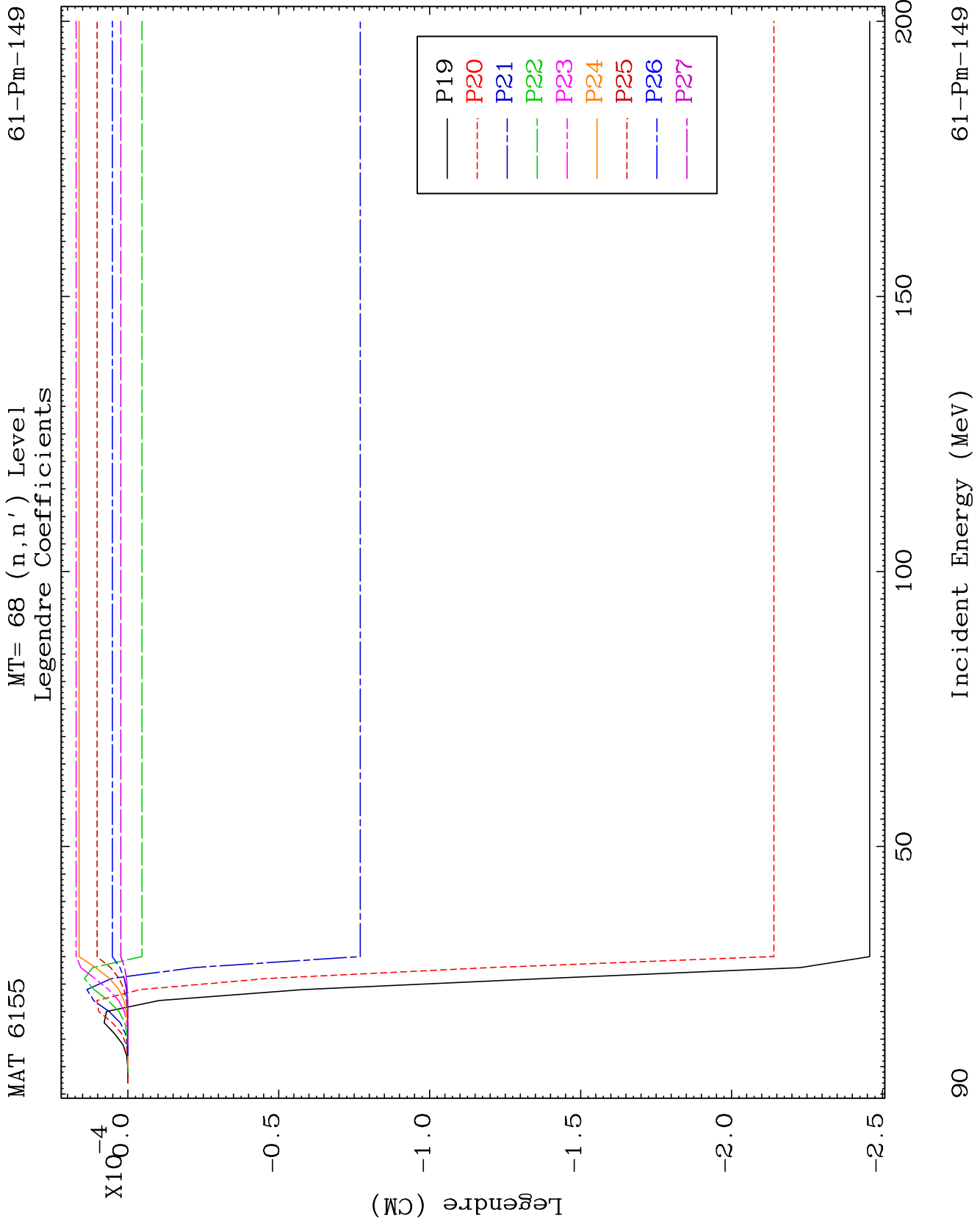
61-Pm-149



89

Incident Energy (MeV)

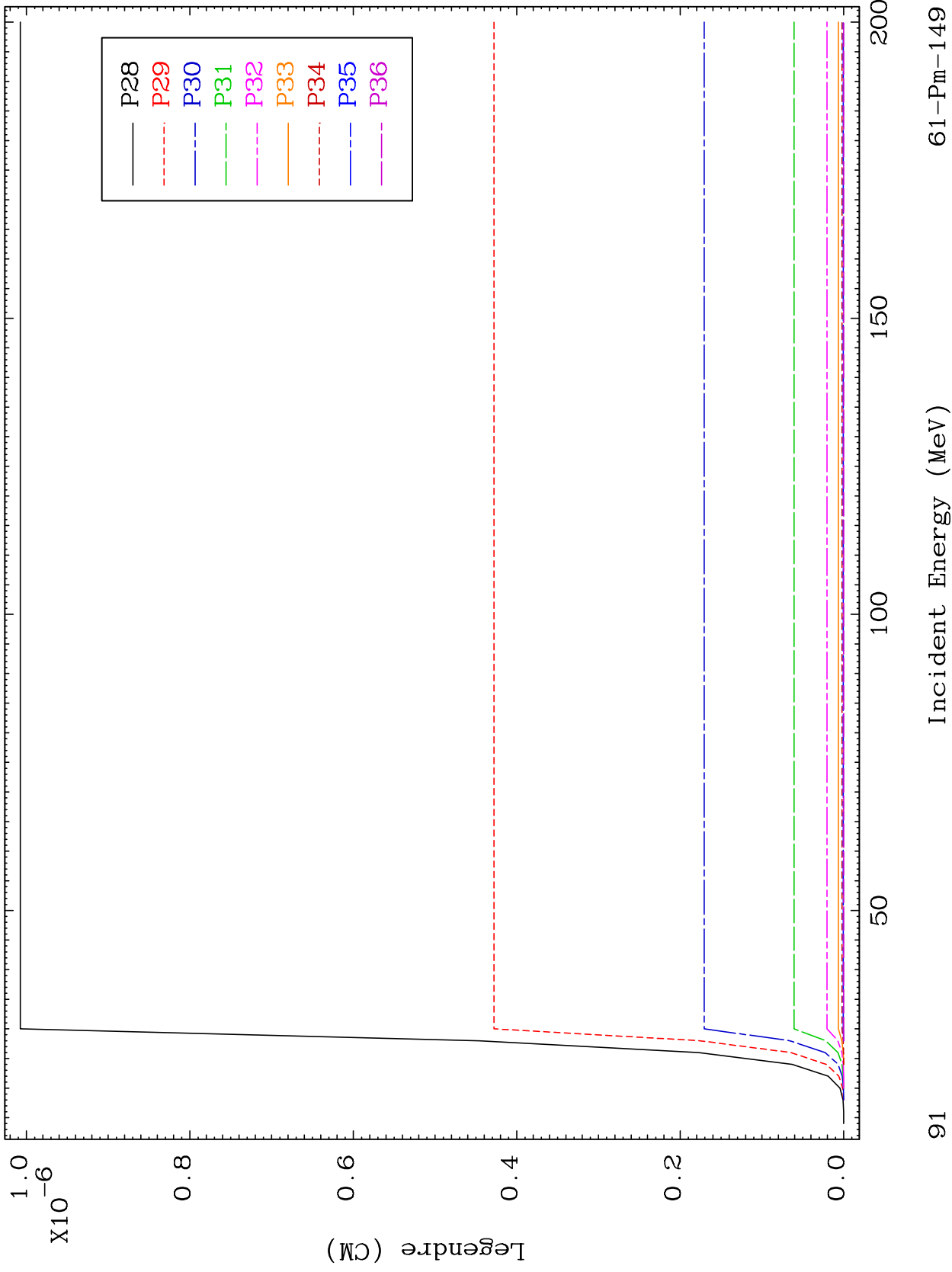
61-Pm-149



MAT 6155

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

61-Pm-149



91

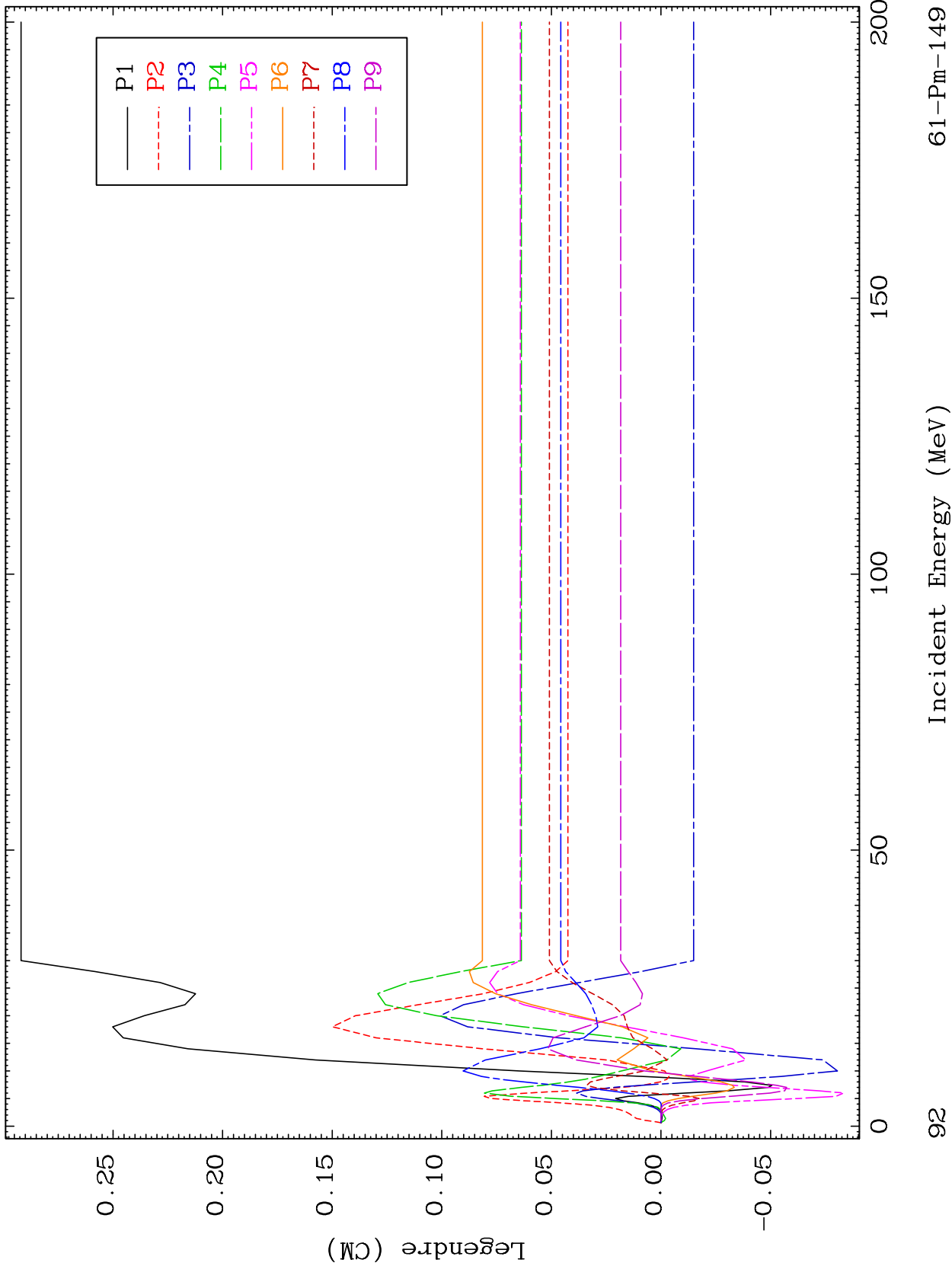
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



61-Pm-149

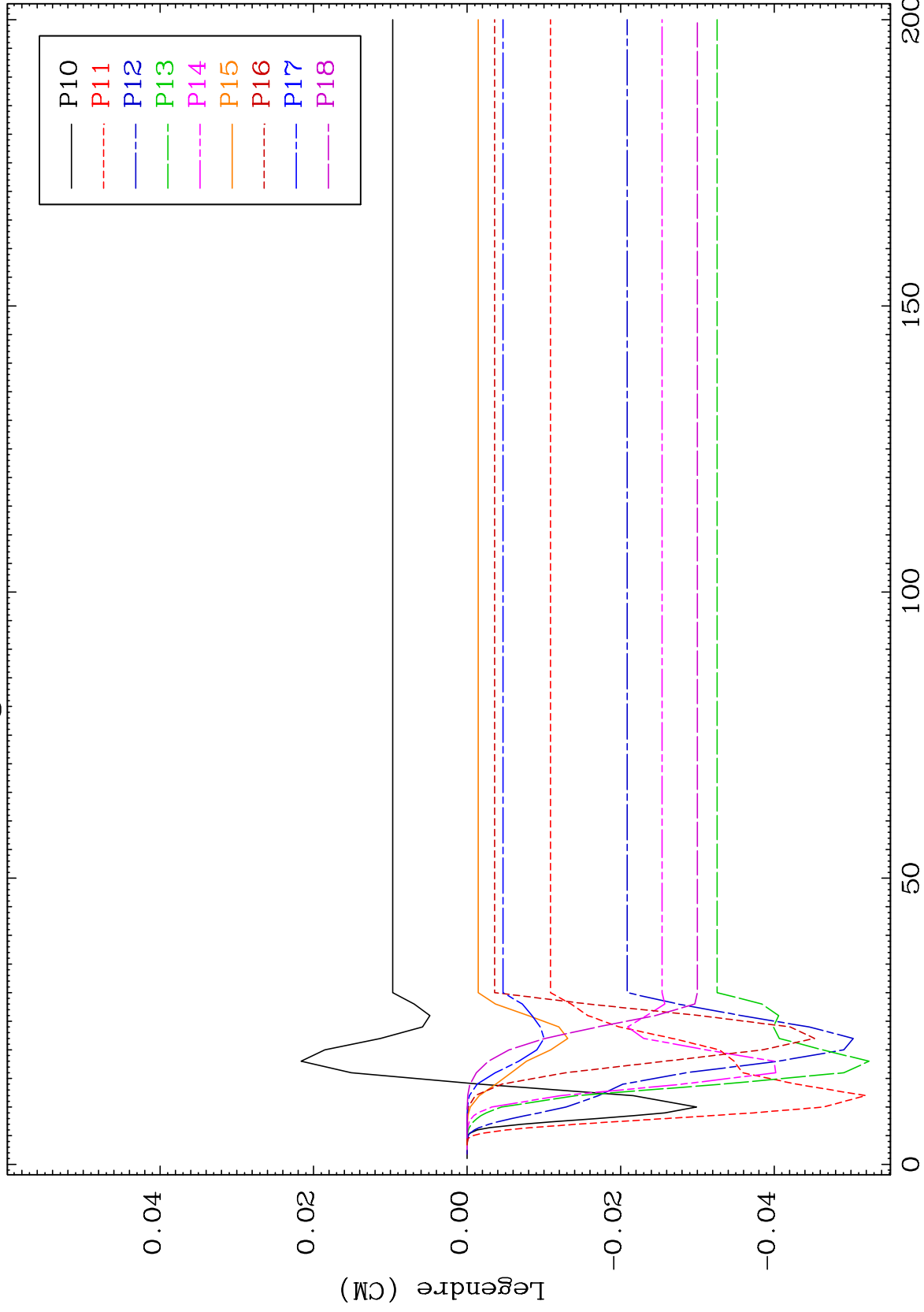
Incident Energy (MeV)

92

MAT 6155

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

61-Pm-149



93

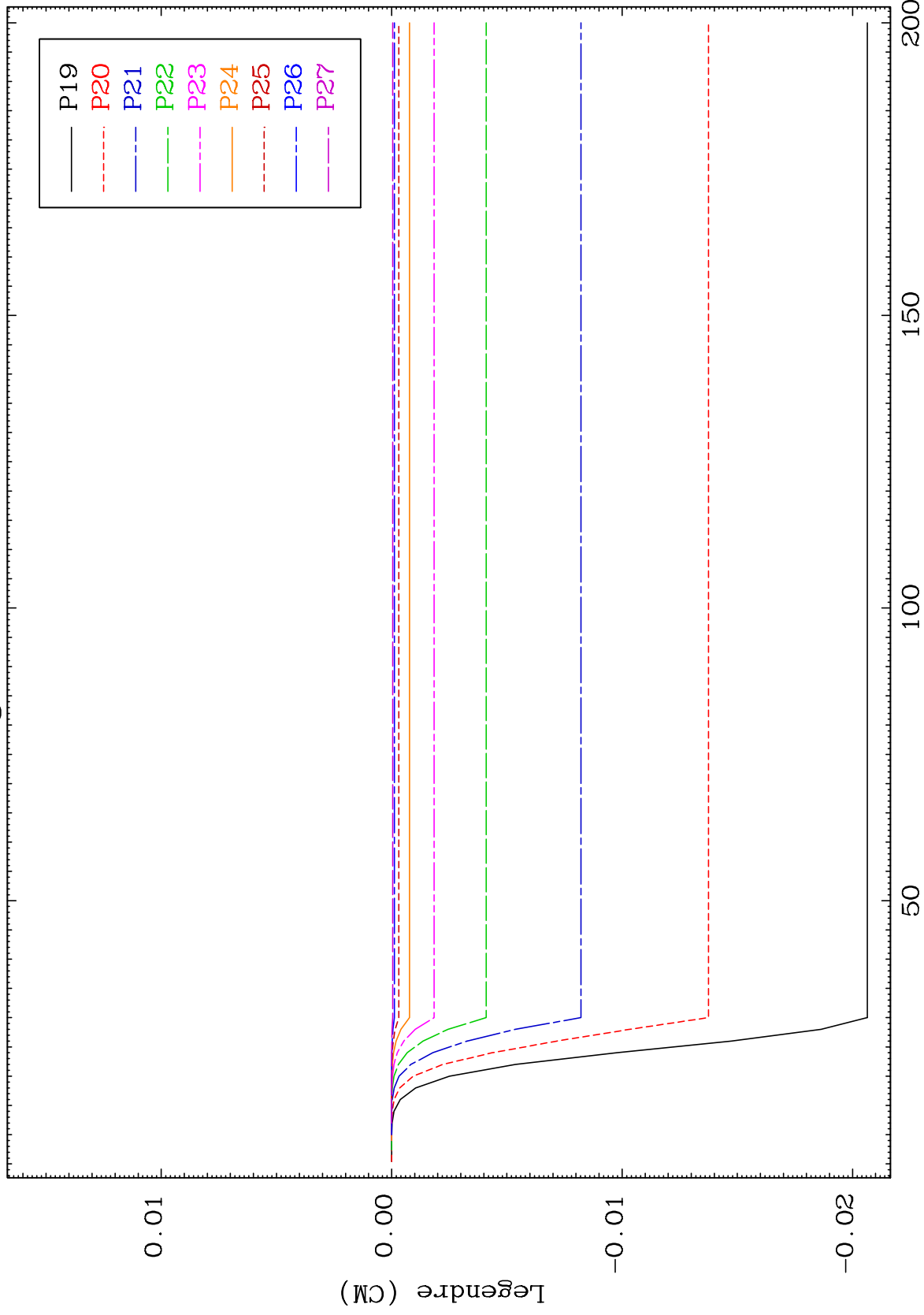
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



94

Incident Energy (MeV)

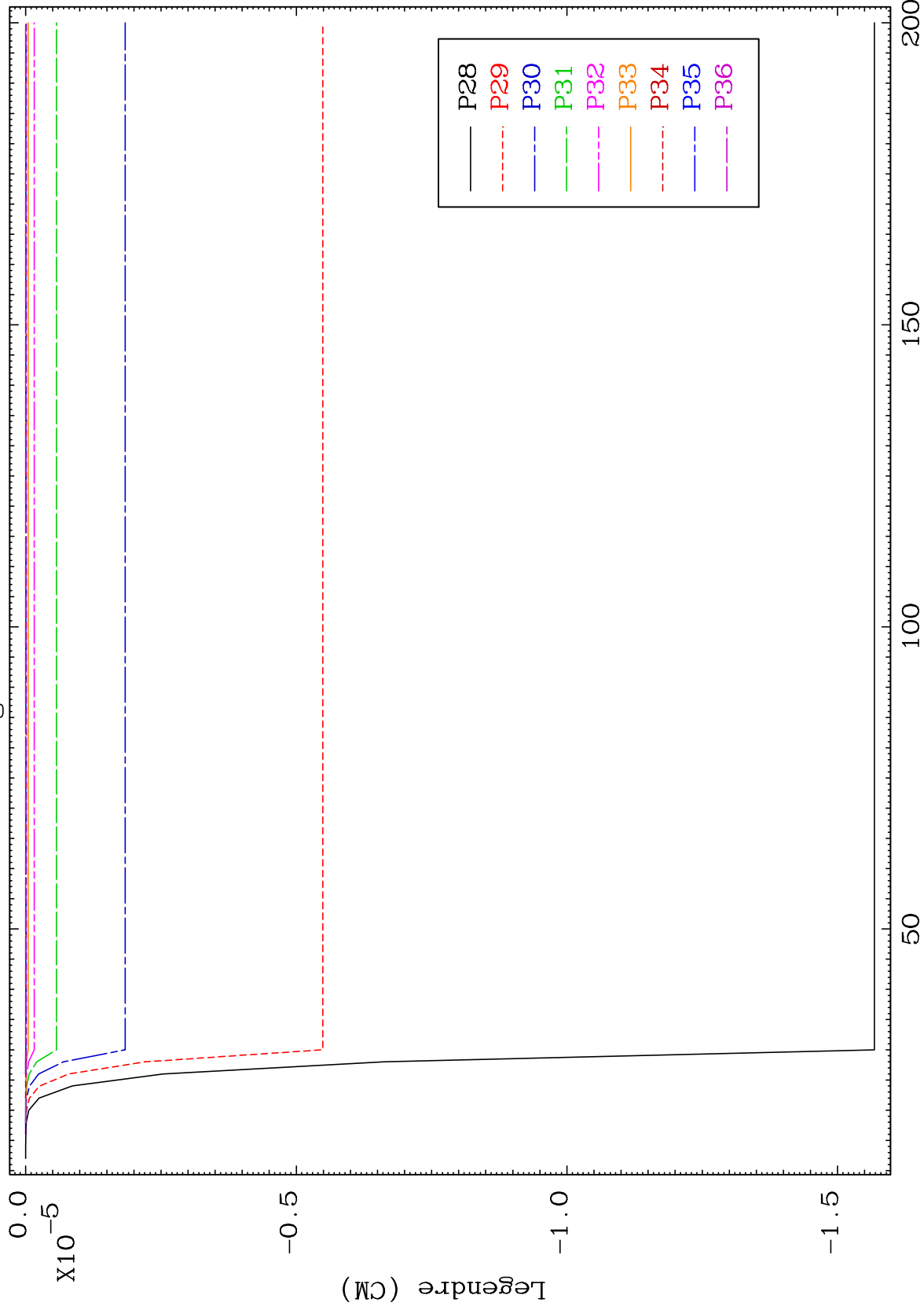
61-Pm-149

MAT 6155

MT= 69 (n,n') Level

61-Pm-149

Legendre Coefficients



61-Pm-149

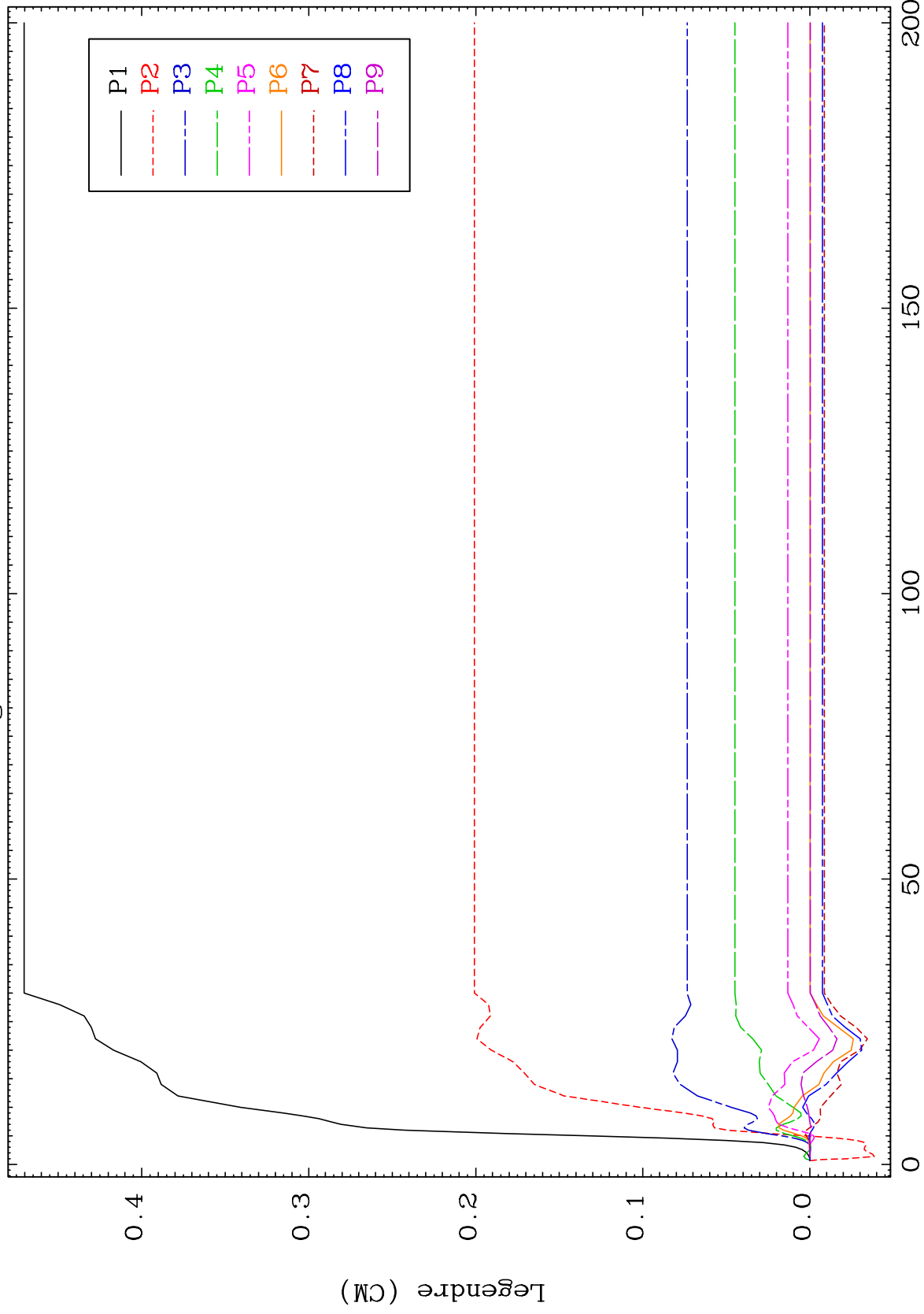
Incident Energy (MeV)

95

MAT 6155

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

61-Pm-149



96

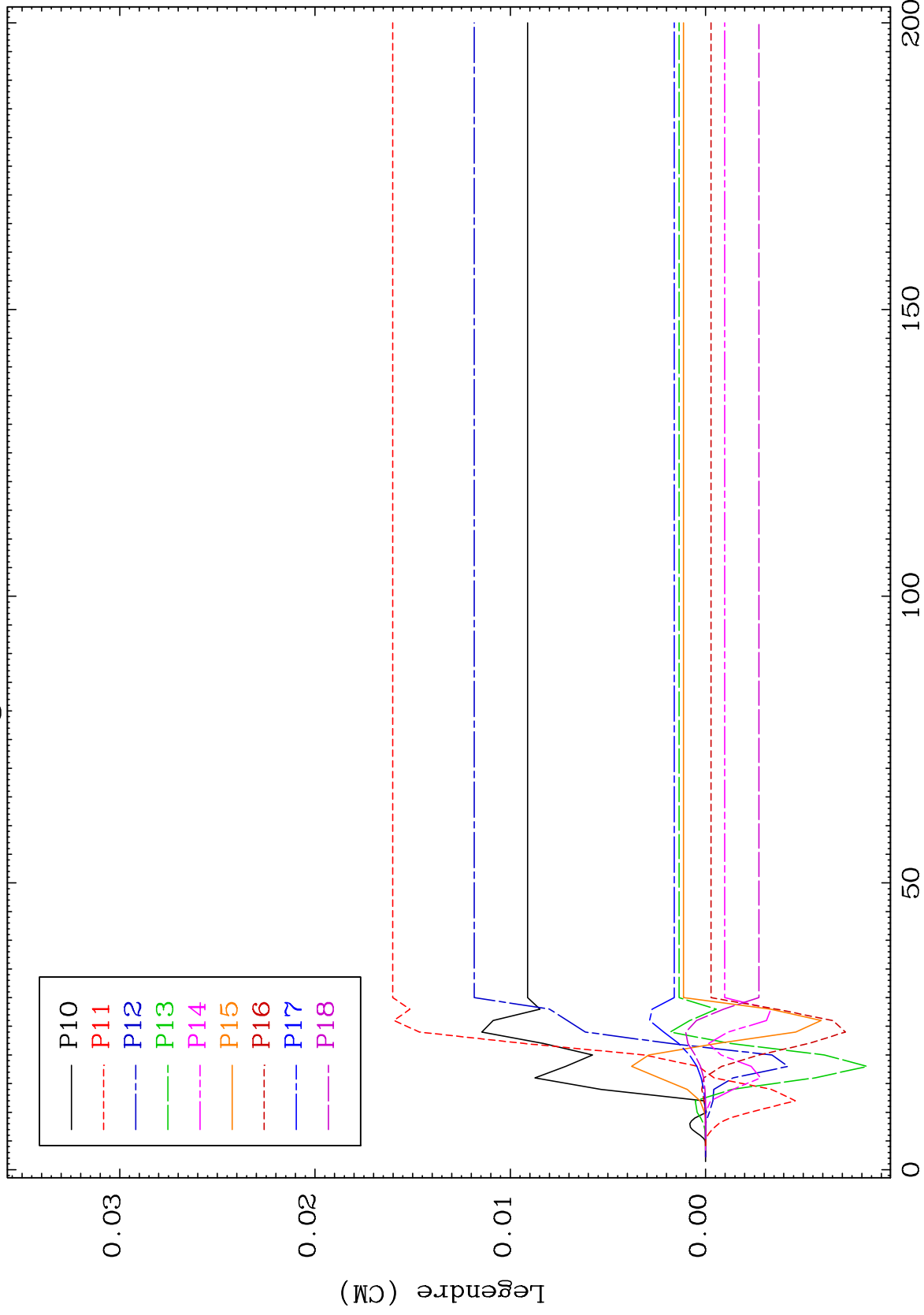
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



97

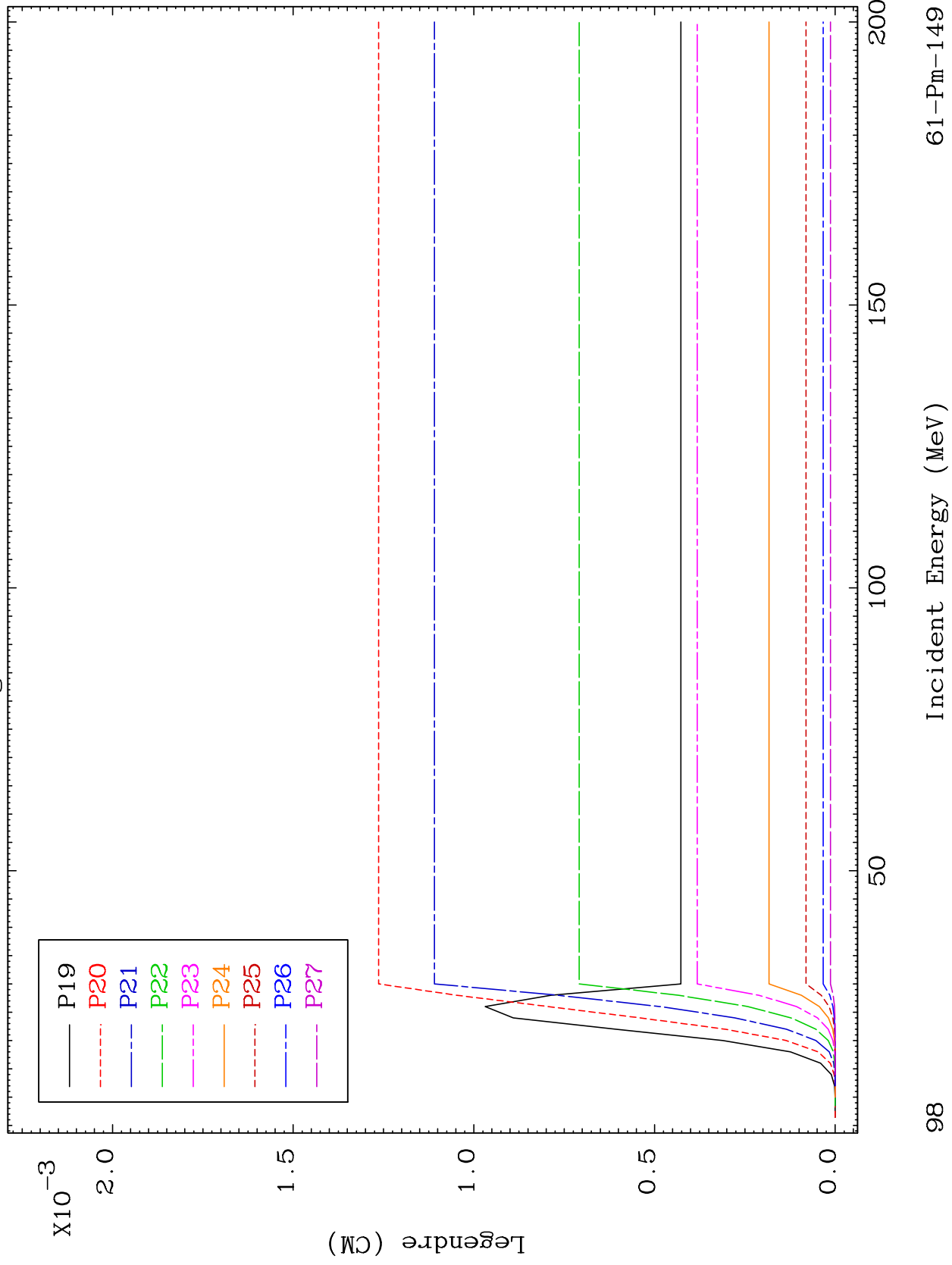
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

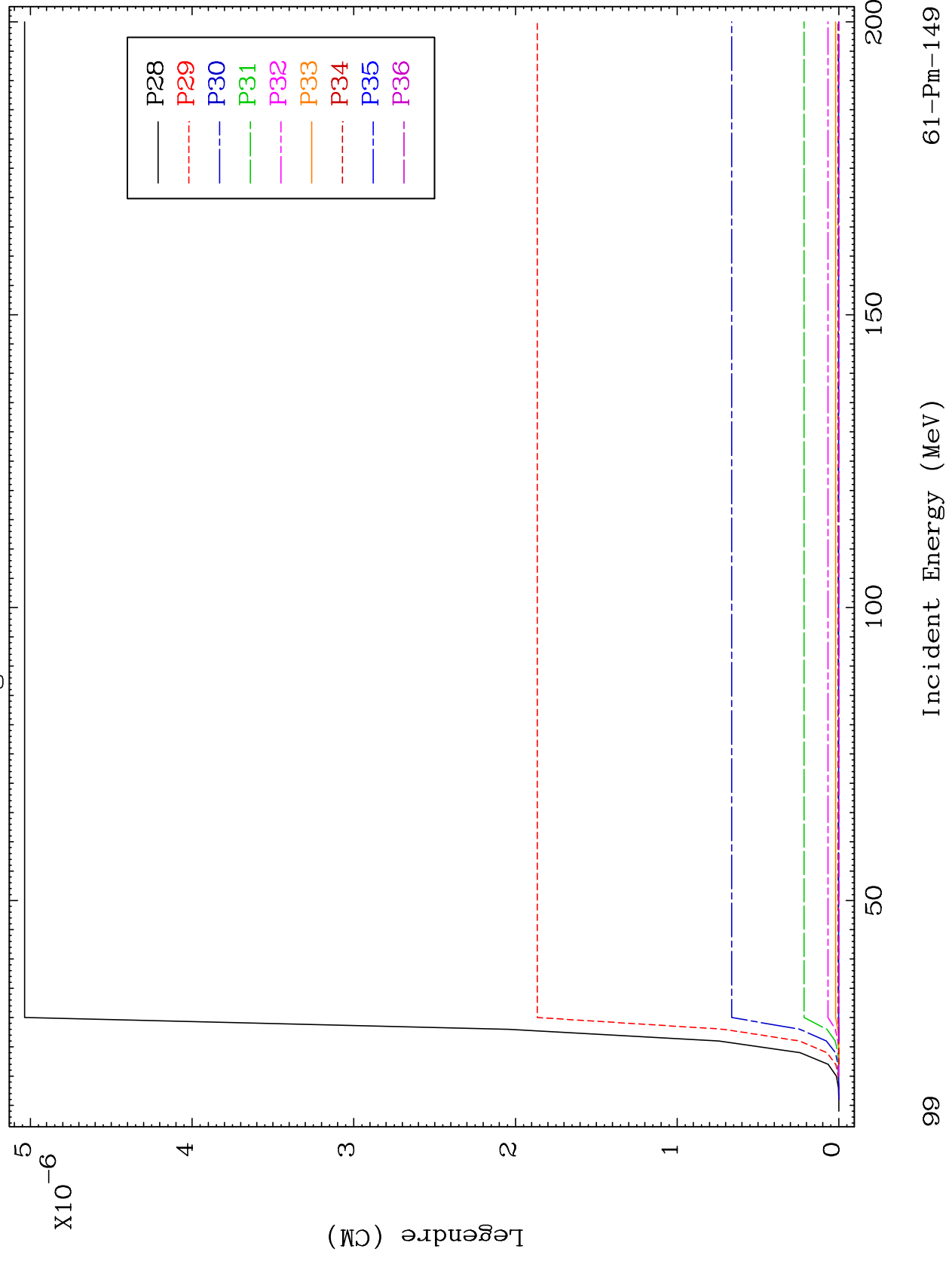
61-Pm-149



MAT 6155

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

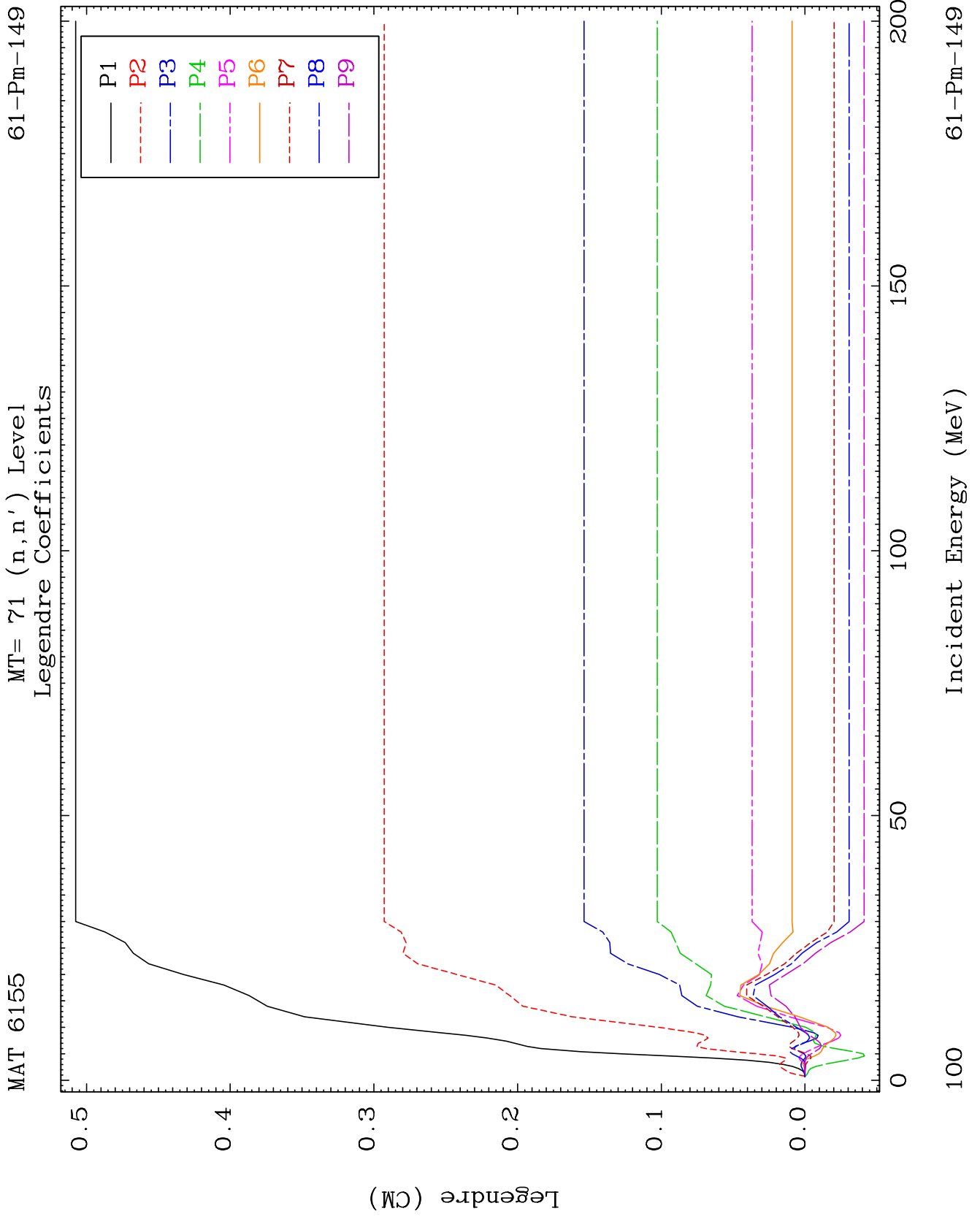
61-Pm-149

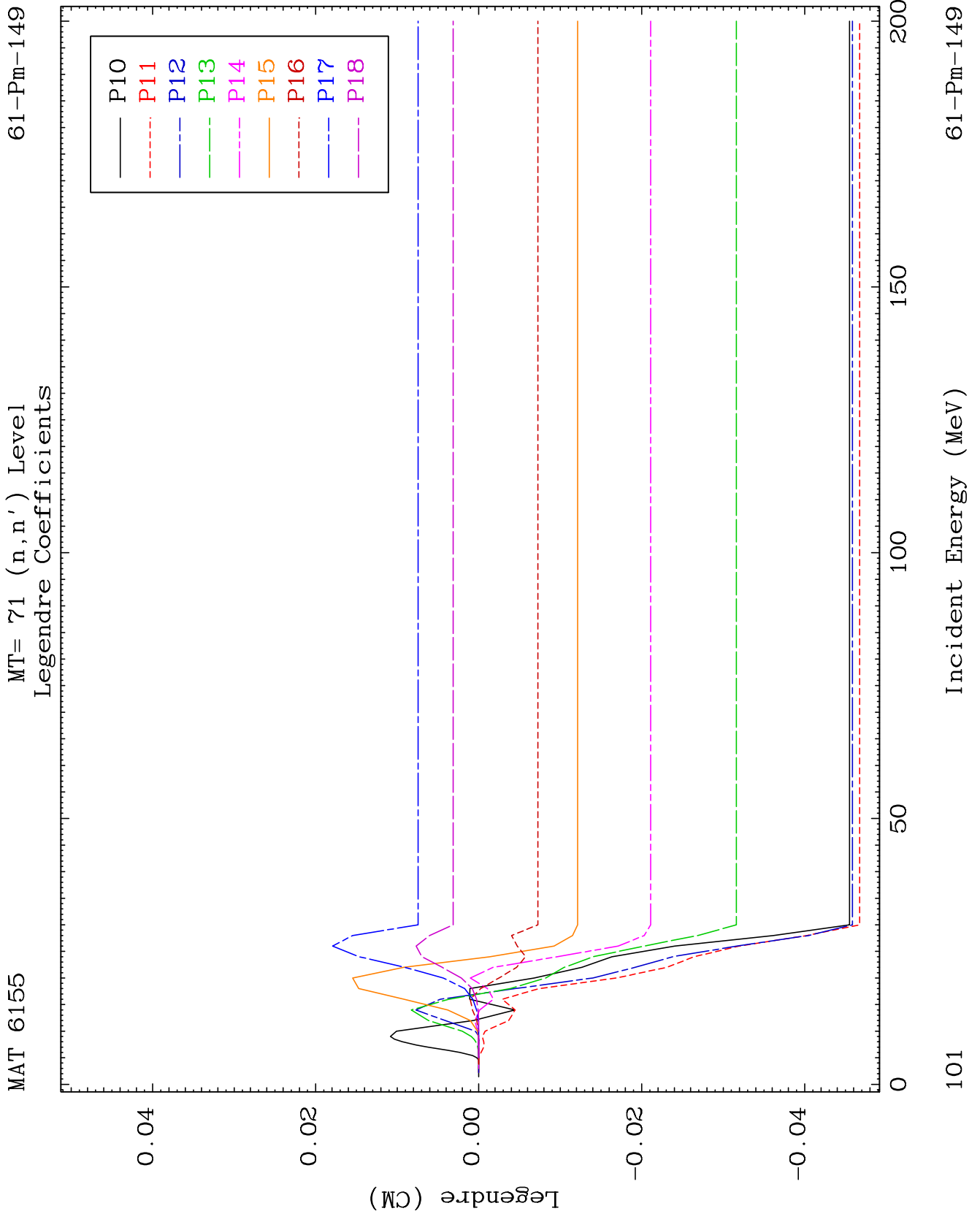


99

Incident Energy (MeV)

61-Pm-149

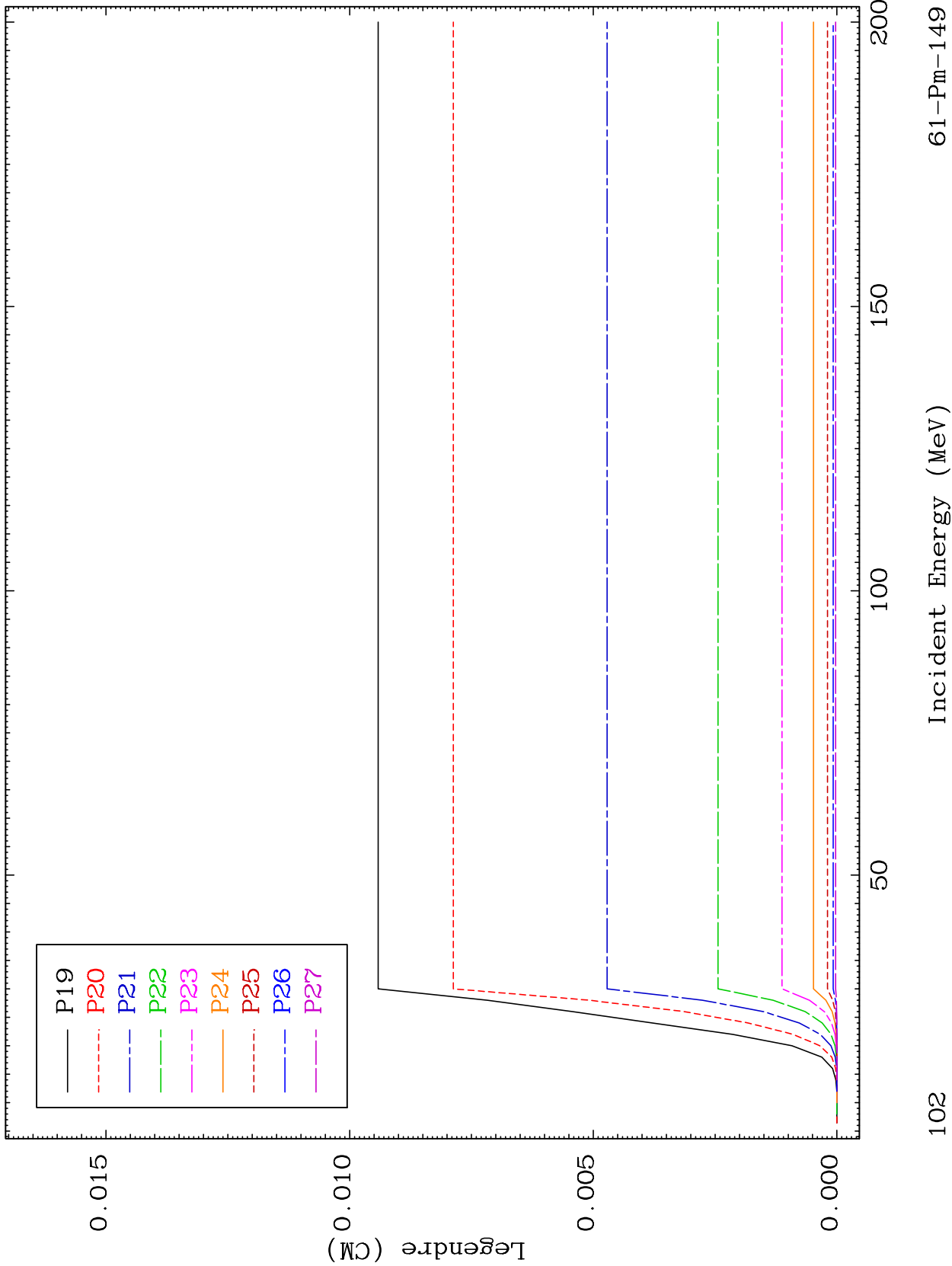




MAT 6155

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

61-Pm-149



102

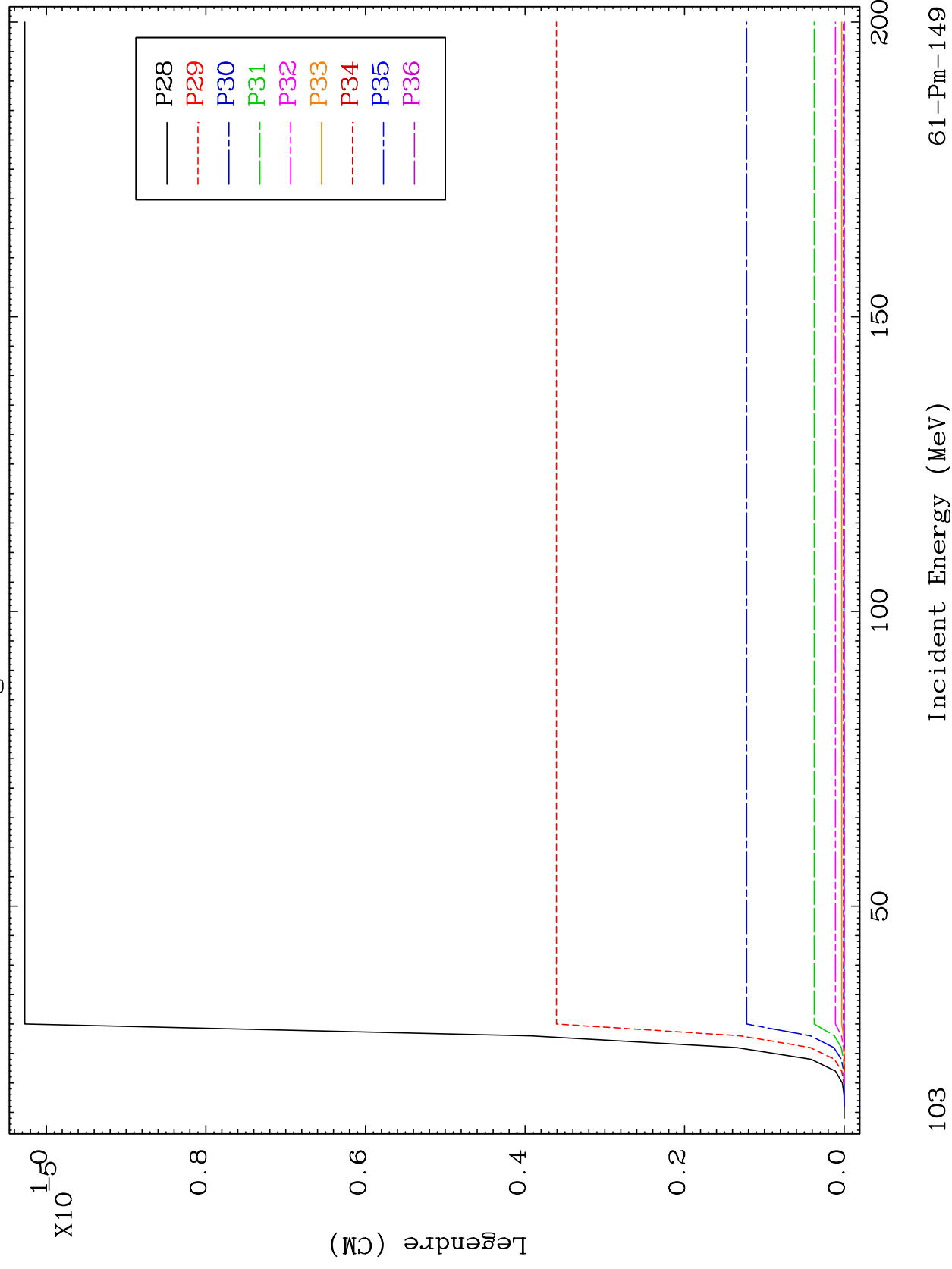
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



103

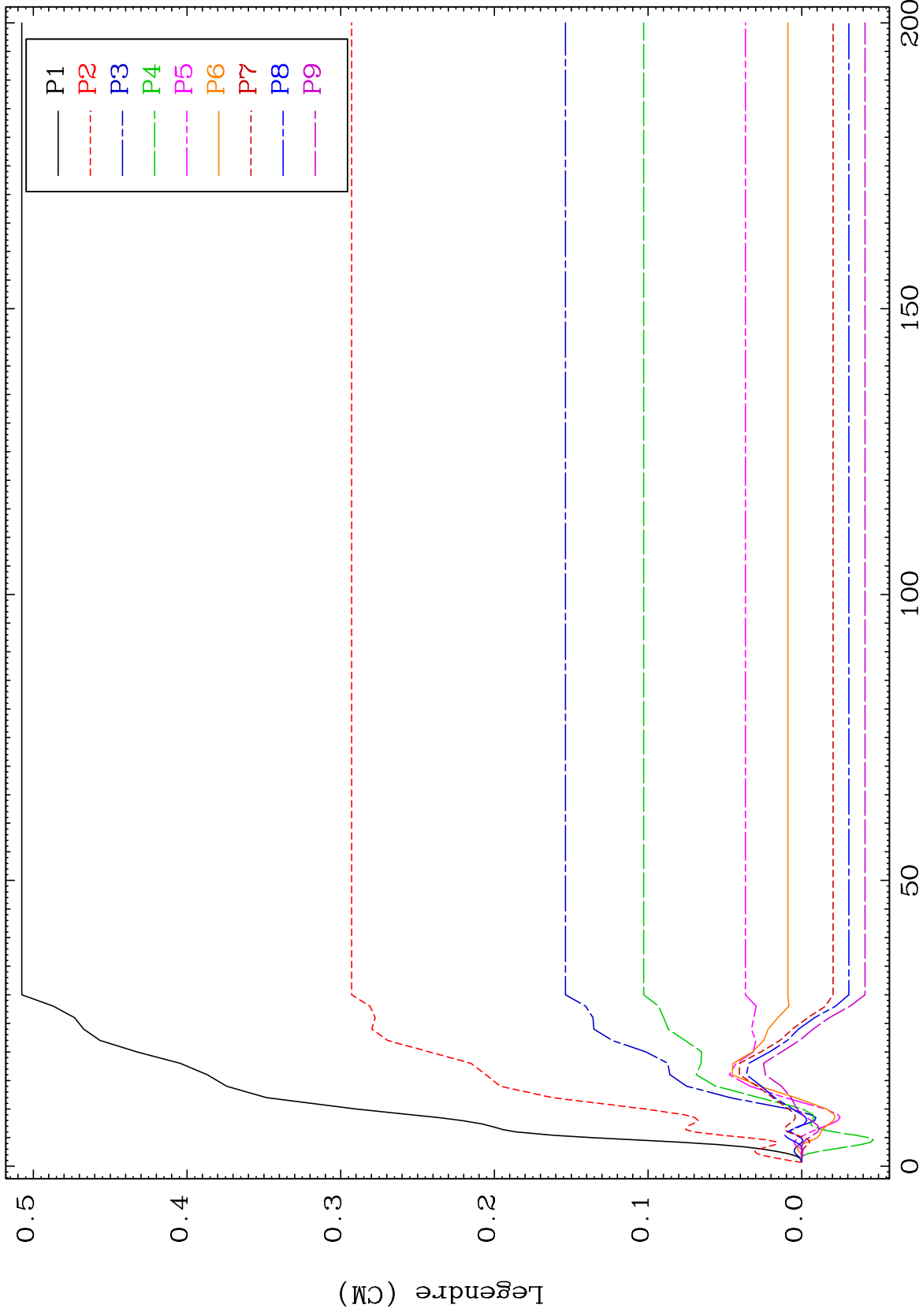
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



61-Pm-149

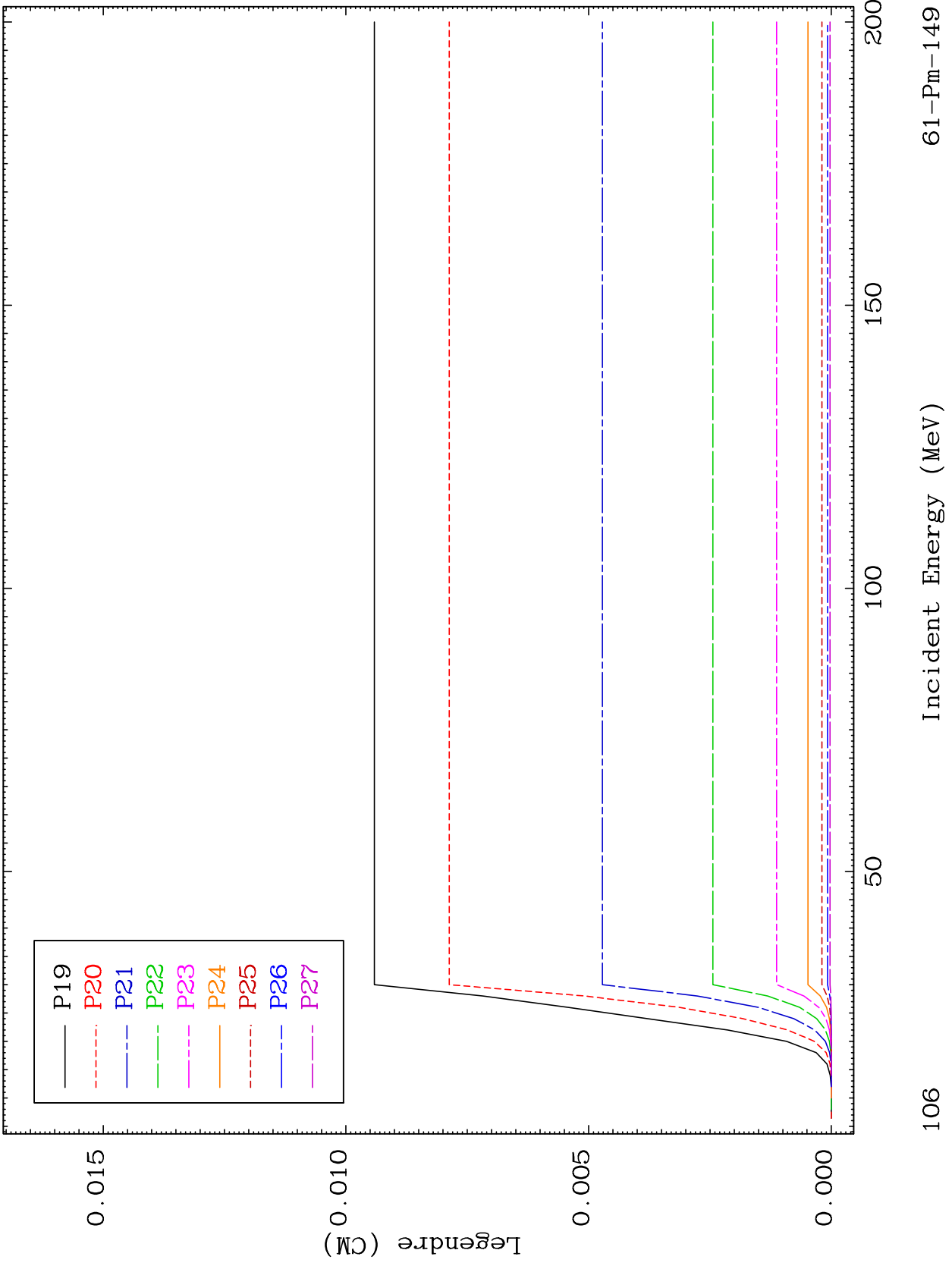
Incident Energy (MeV)

104

MAT 6155

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

61-Pm-149



106

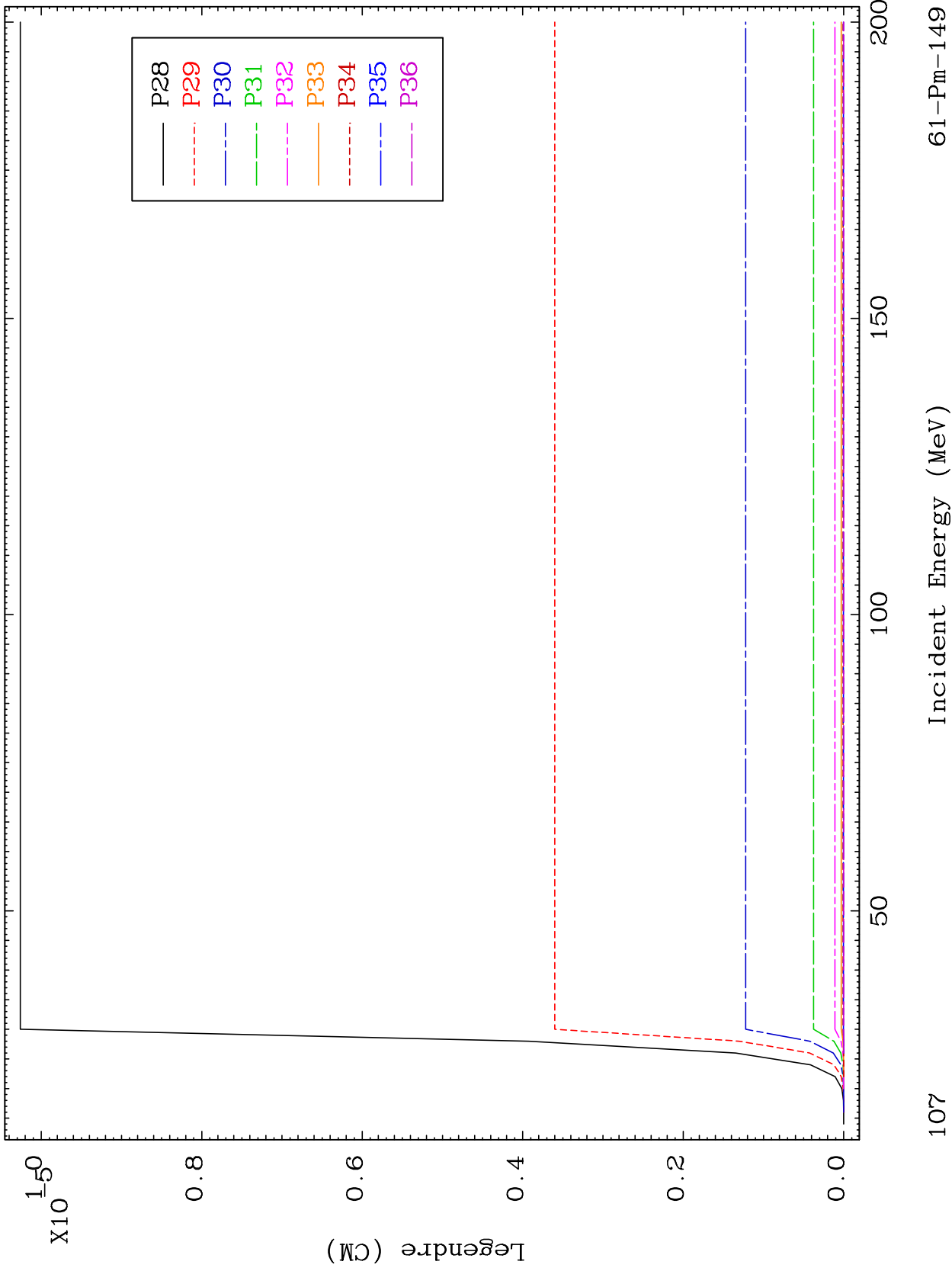
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149

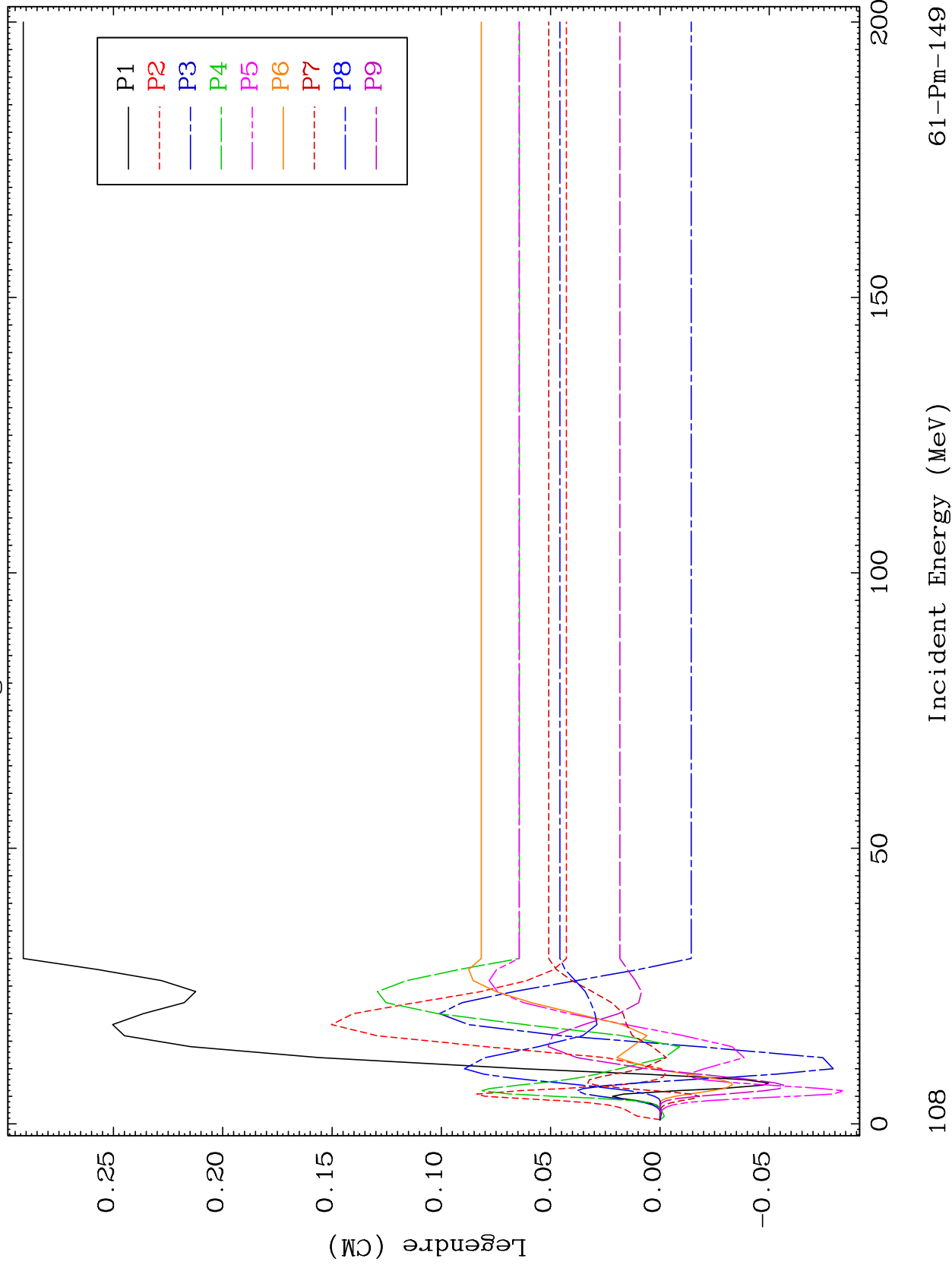


107

MAT 6155

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

61-Pm-149



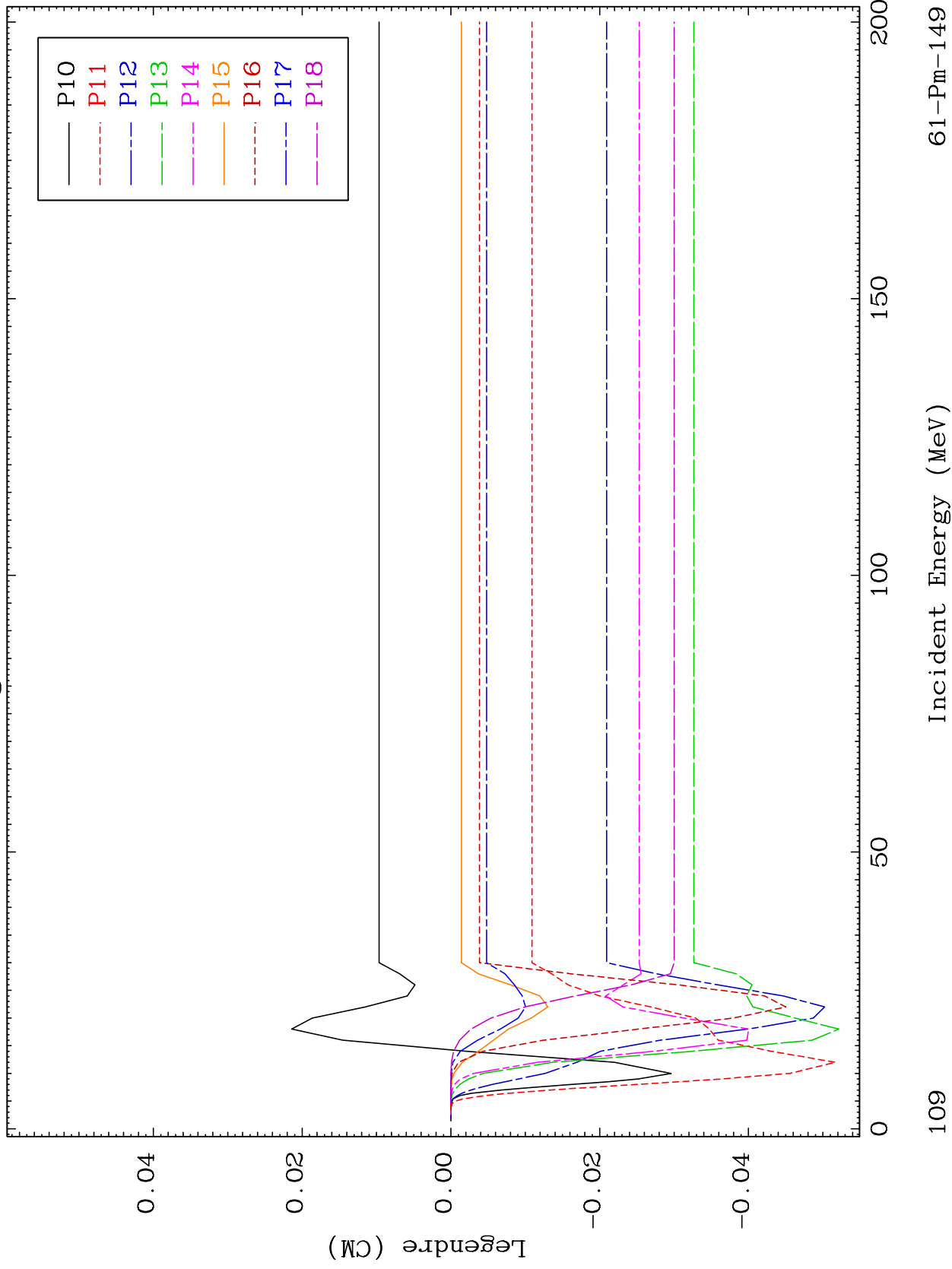
108

61-Pm-149

MAT 6155

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

61-Pm-149



61-Pm-149

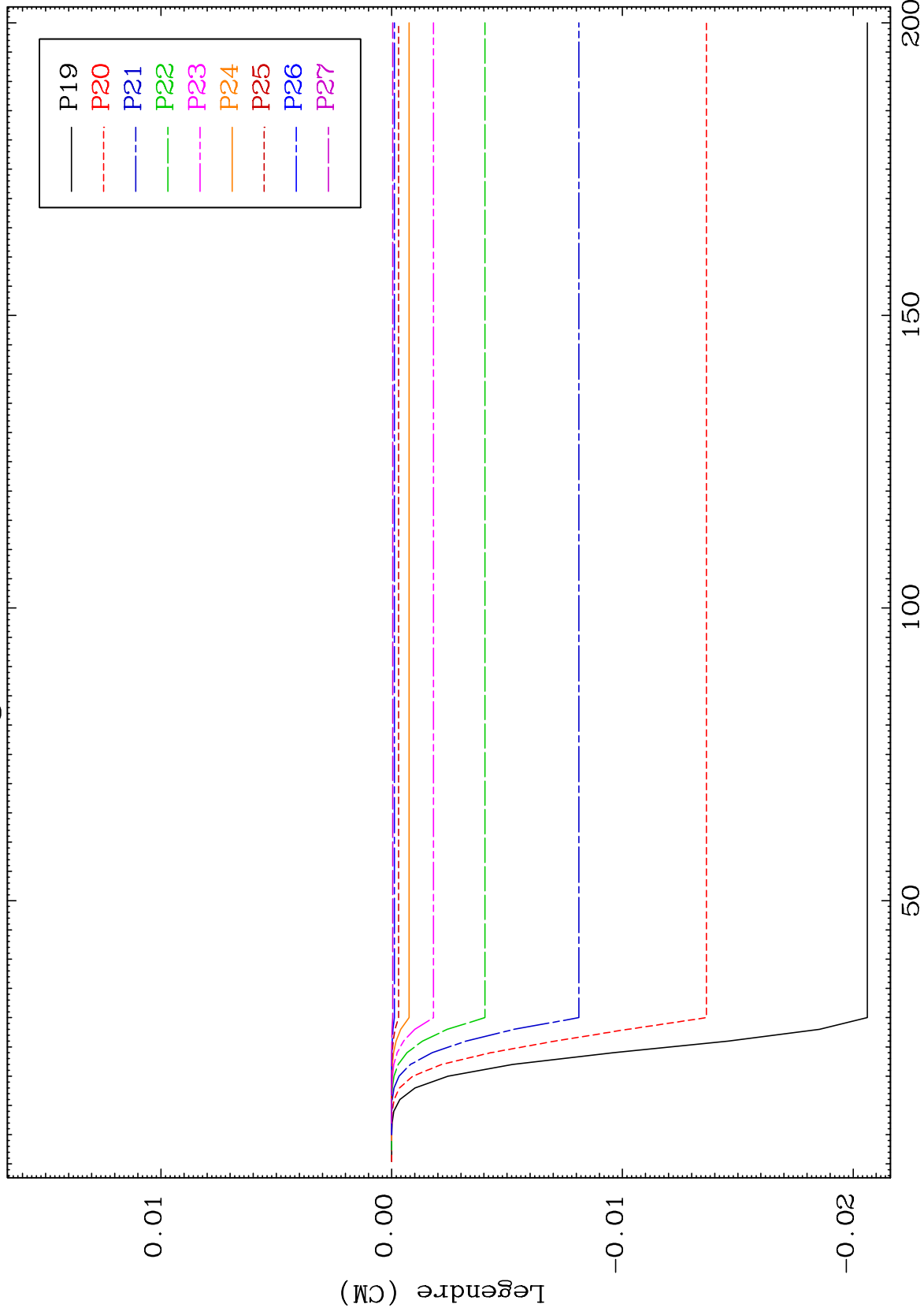
Incident Energy (MeV)

109

MAT 6155

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

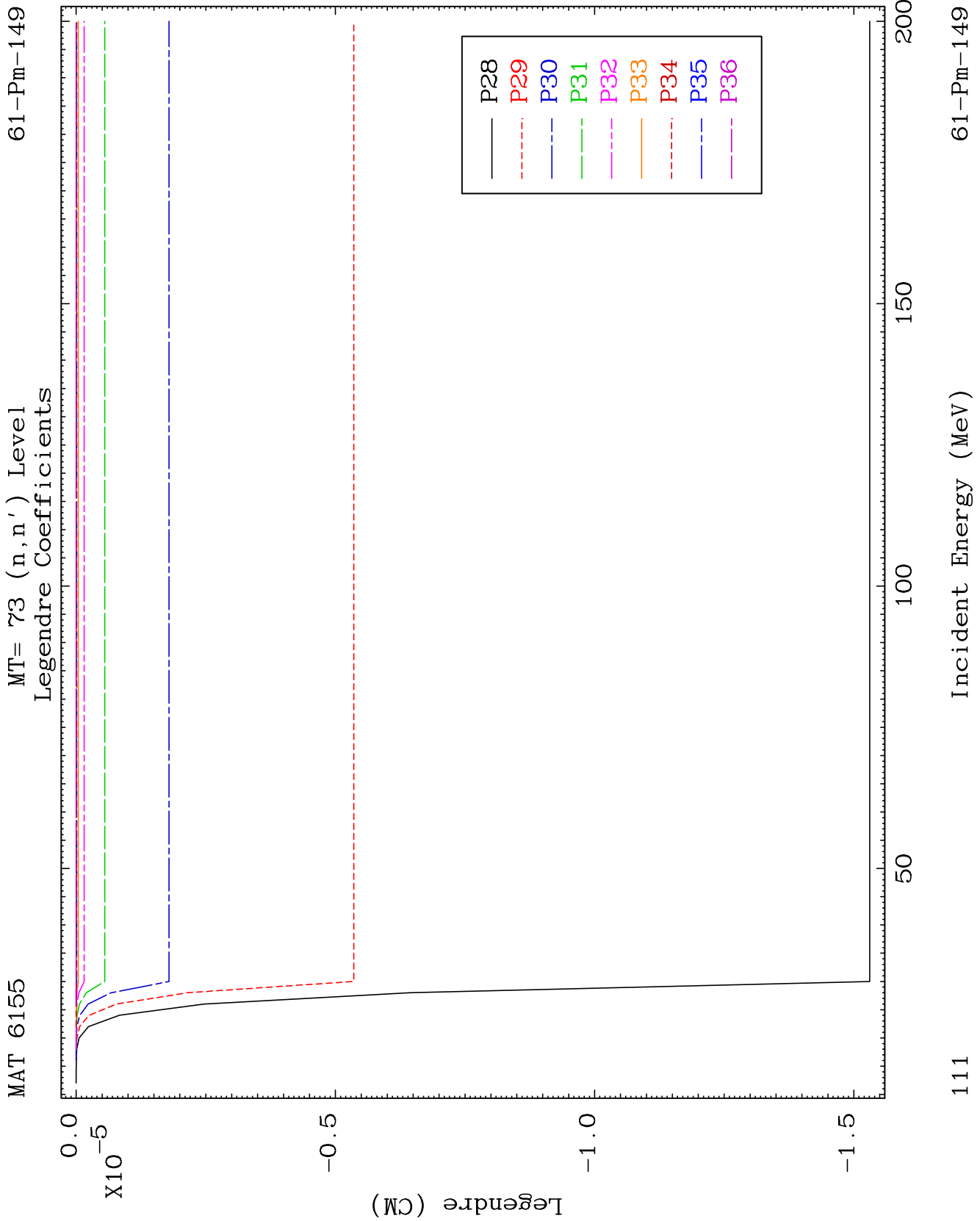
61-Pm-149



61-Pm-149

Incident Energy (MeV)

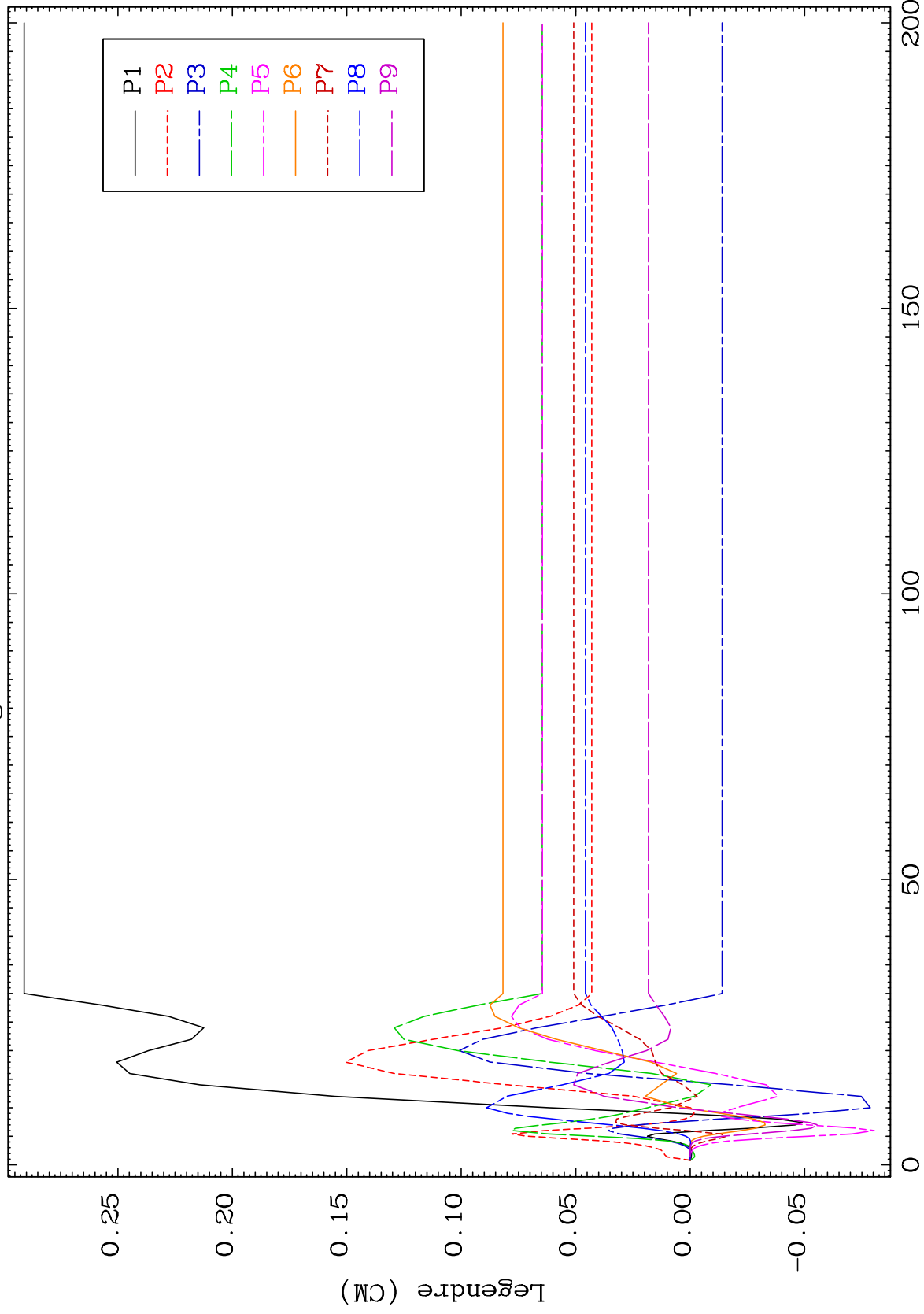
110



MAT 6155

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

61-Pm-149



61-Pm-149

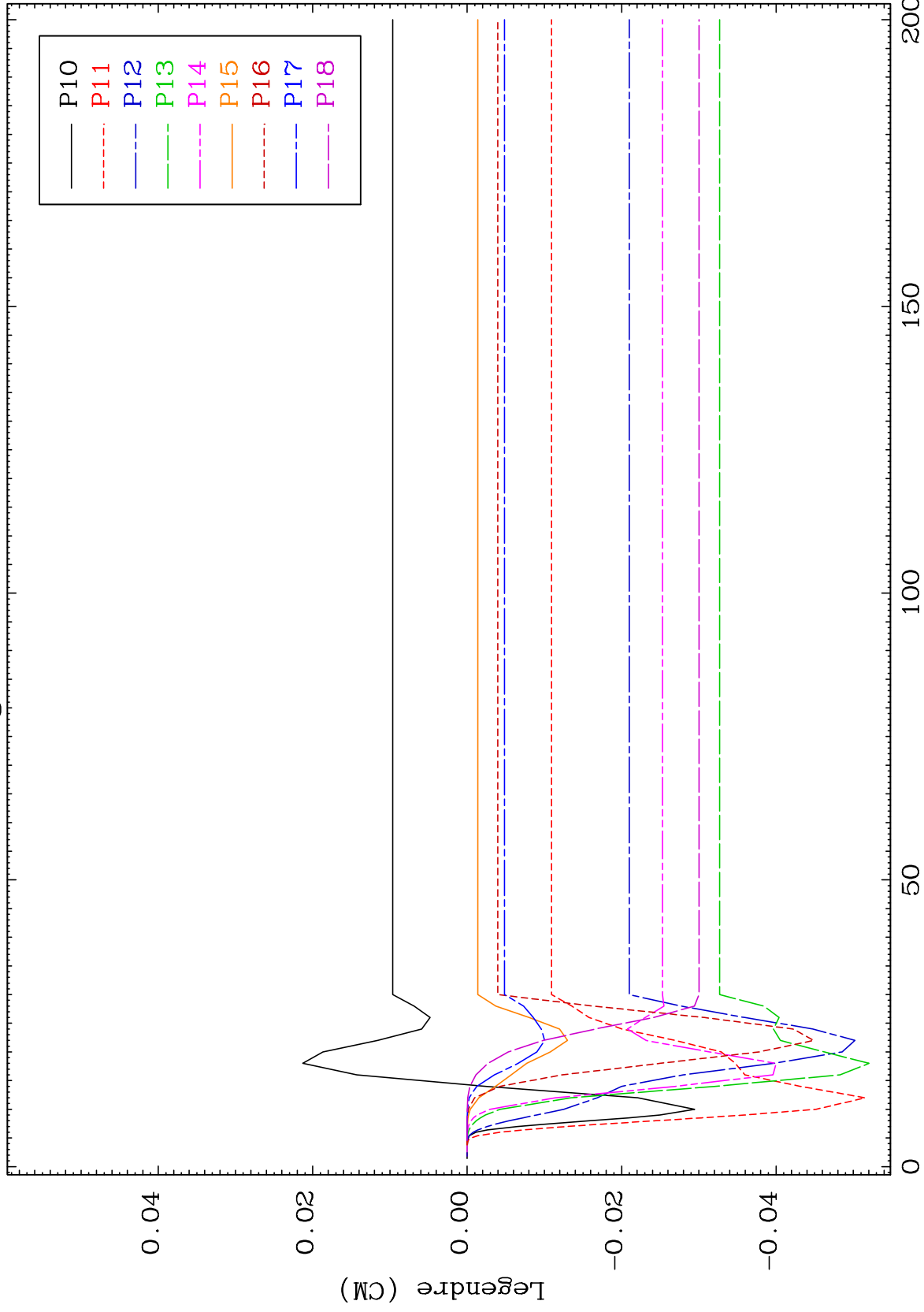
Incident Energy (MeV)

112

MAT 6155

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

61-Pm-149



113

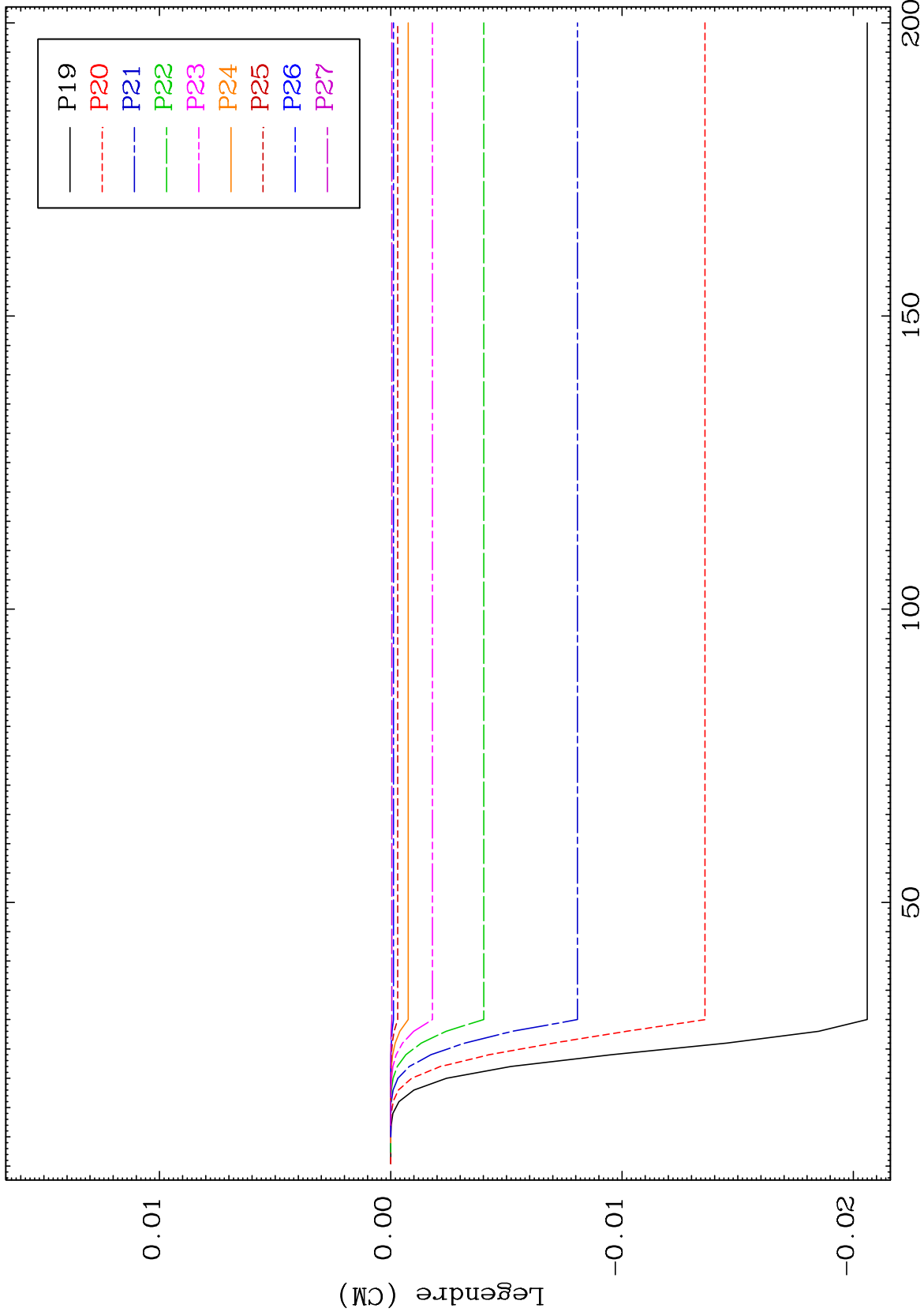
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

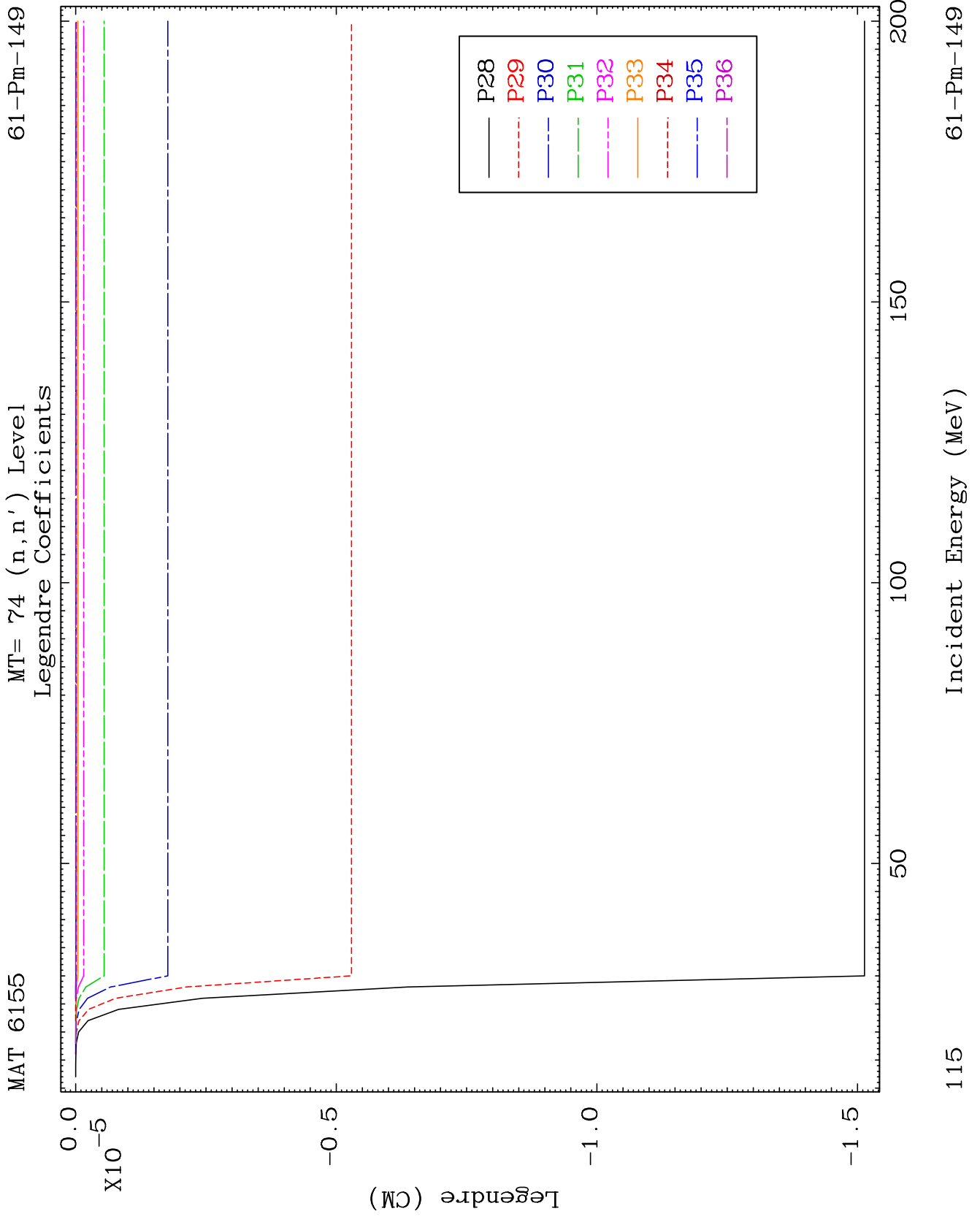
61-Pm-149



114

Incident Energy (MeV)

61-Pm-149



61-Pm-149

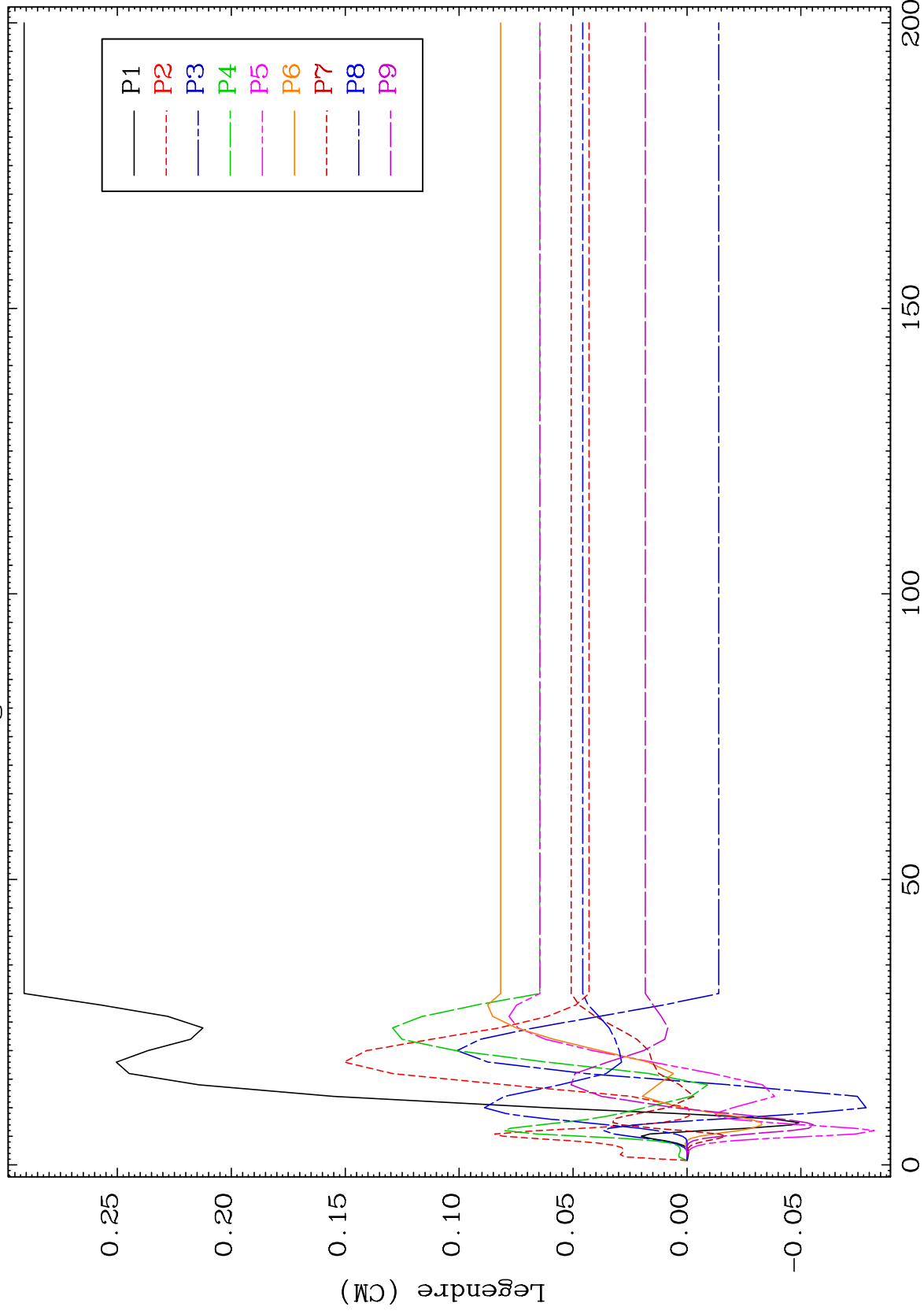
Incident Energy (MeV)

115

MAT 6155

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

61-Pm-149



116

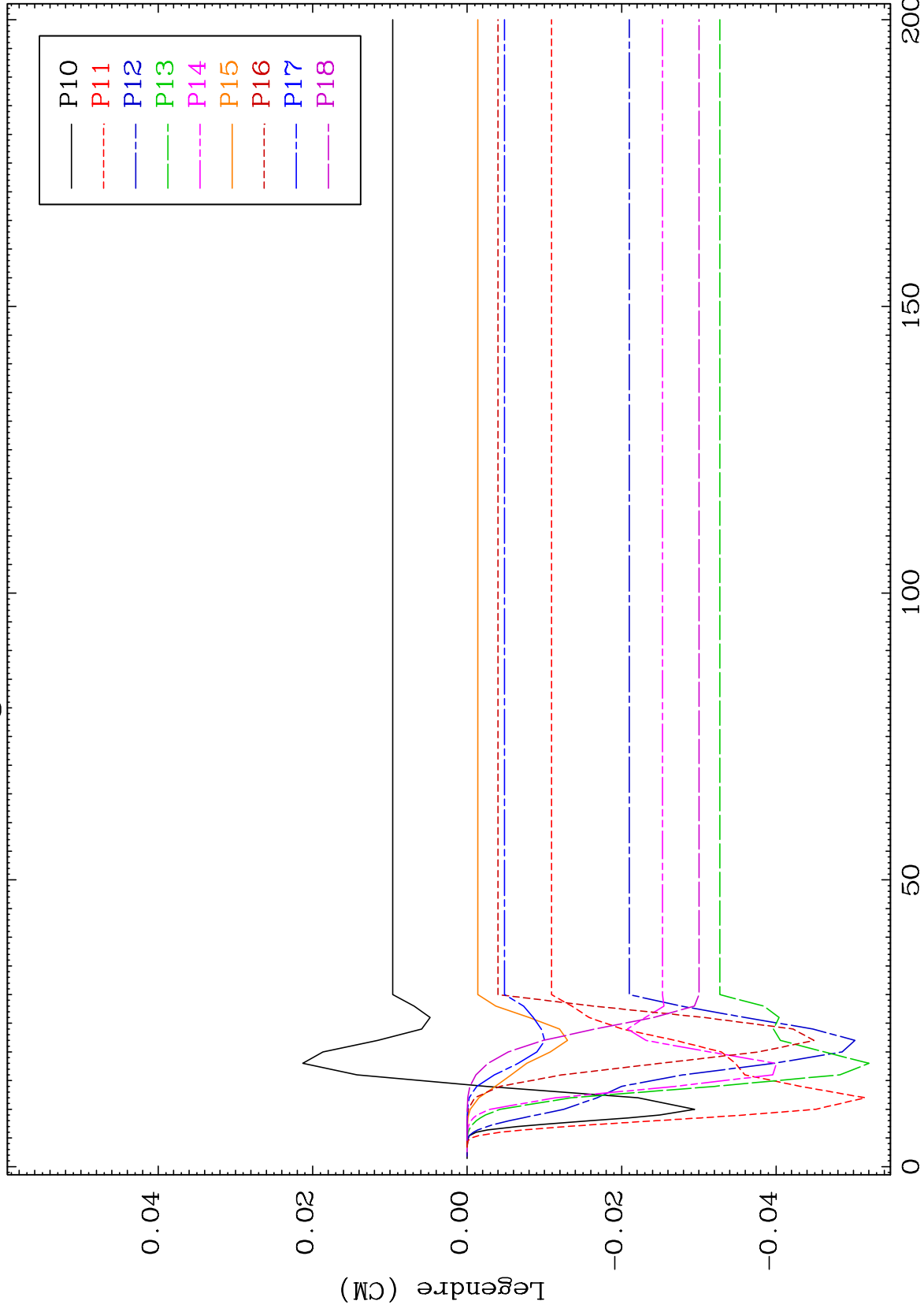
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

61-Pm-149



117

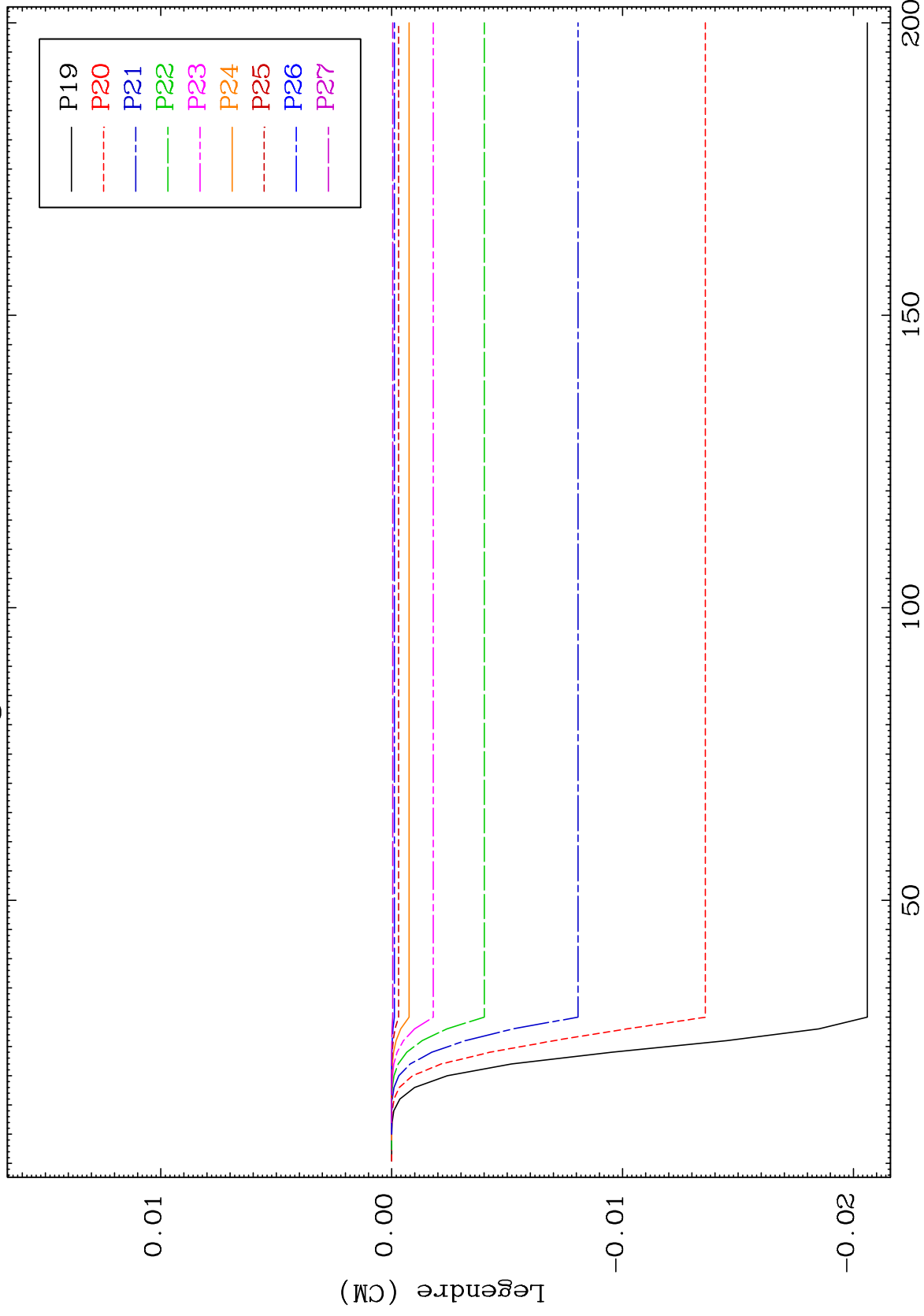
Incident Energy (MeV)

61-Pm-149

MAT 6155

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

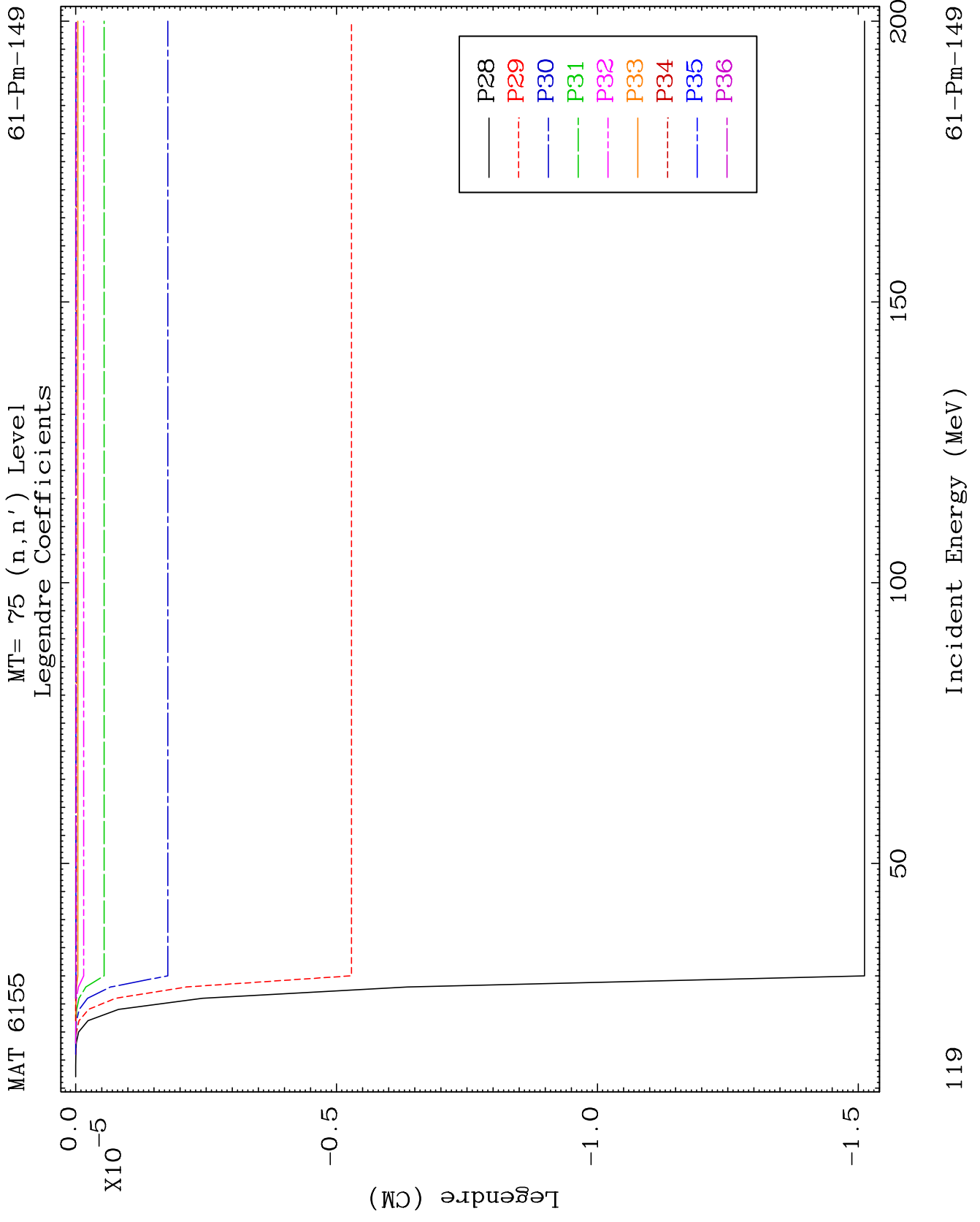
61-Pm-149



118

Incident Energy (MeV)

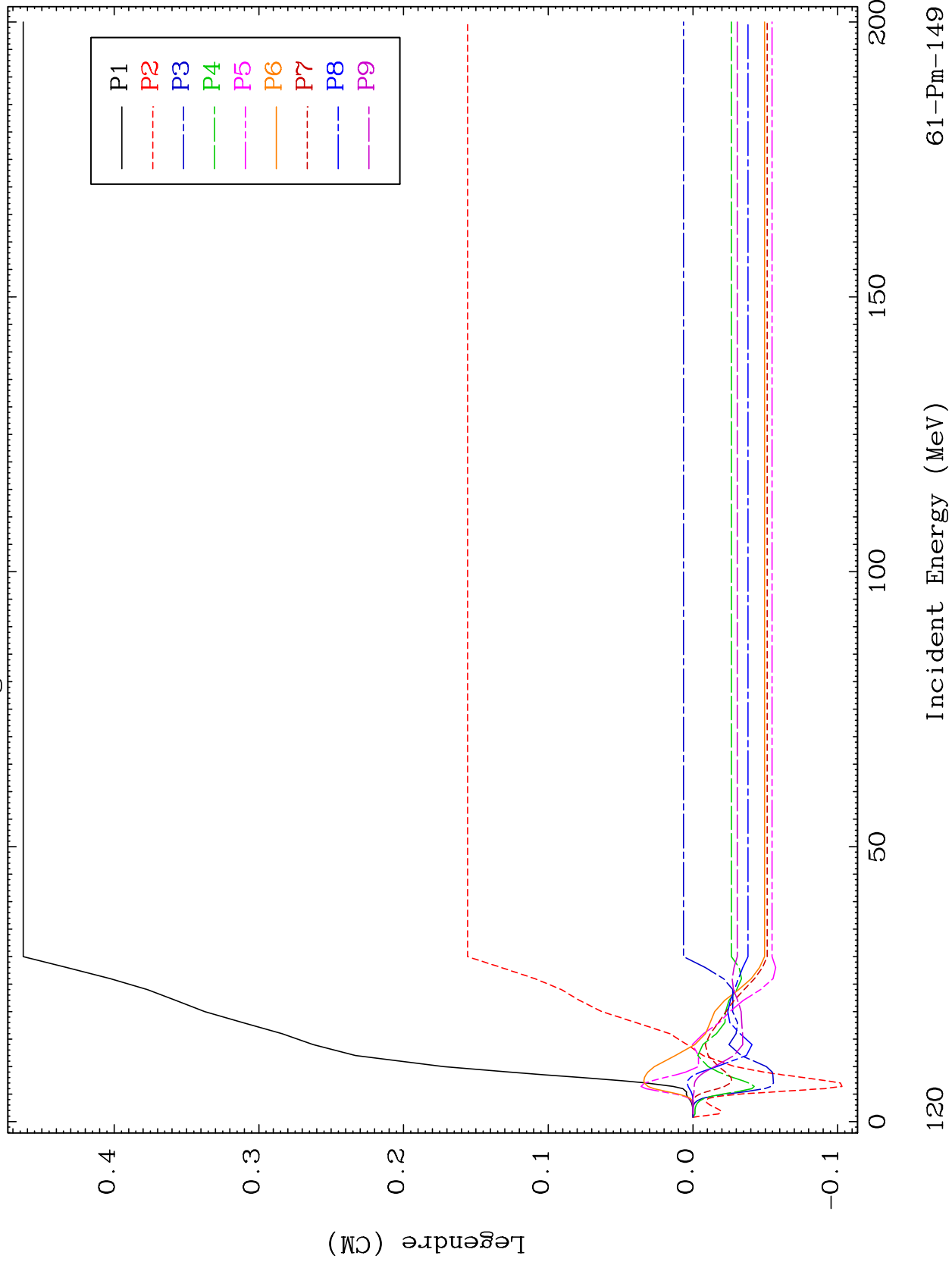
61-Pm-149

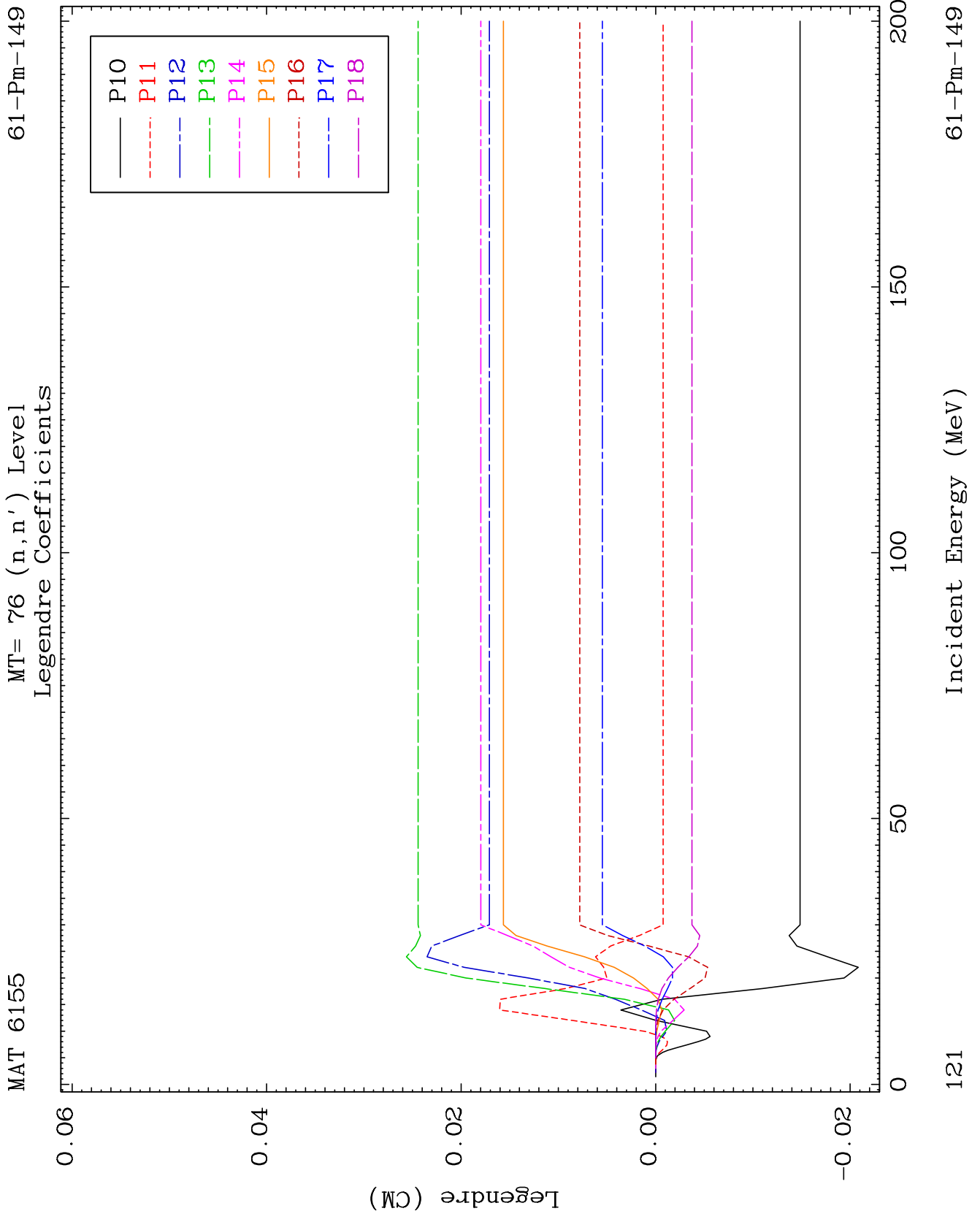


MAT 6155

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

61-Pm-149

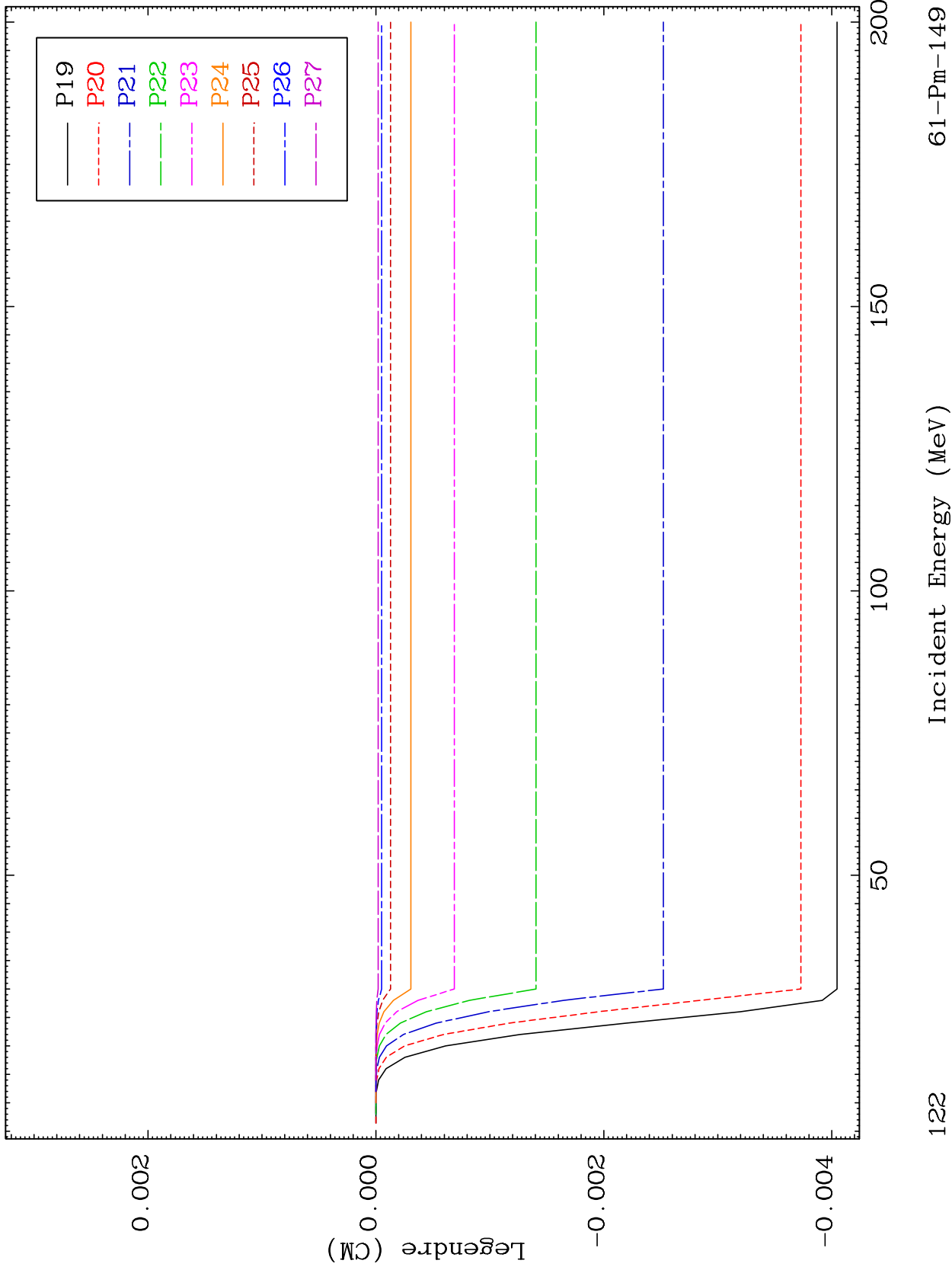




MAT 6155

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

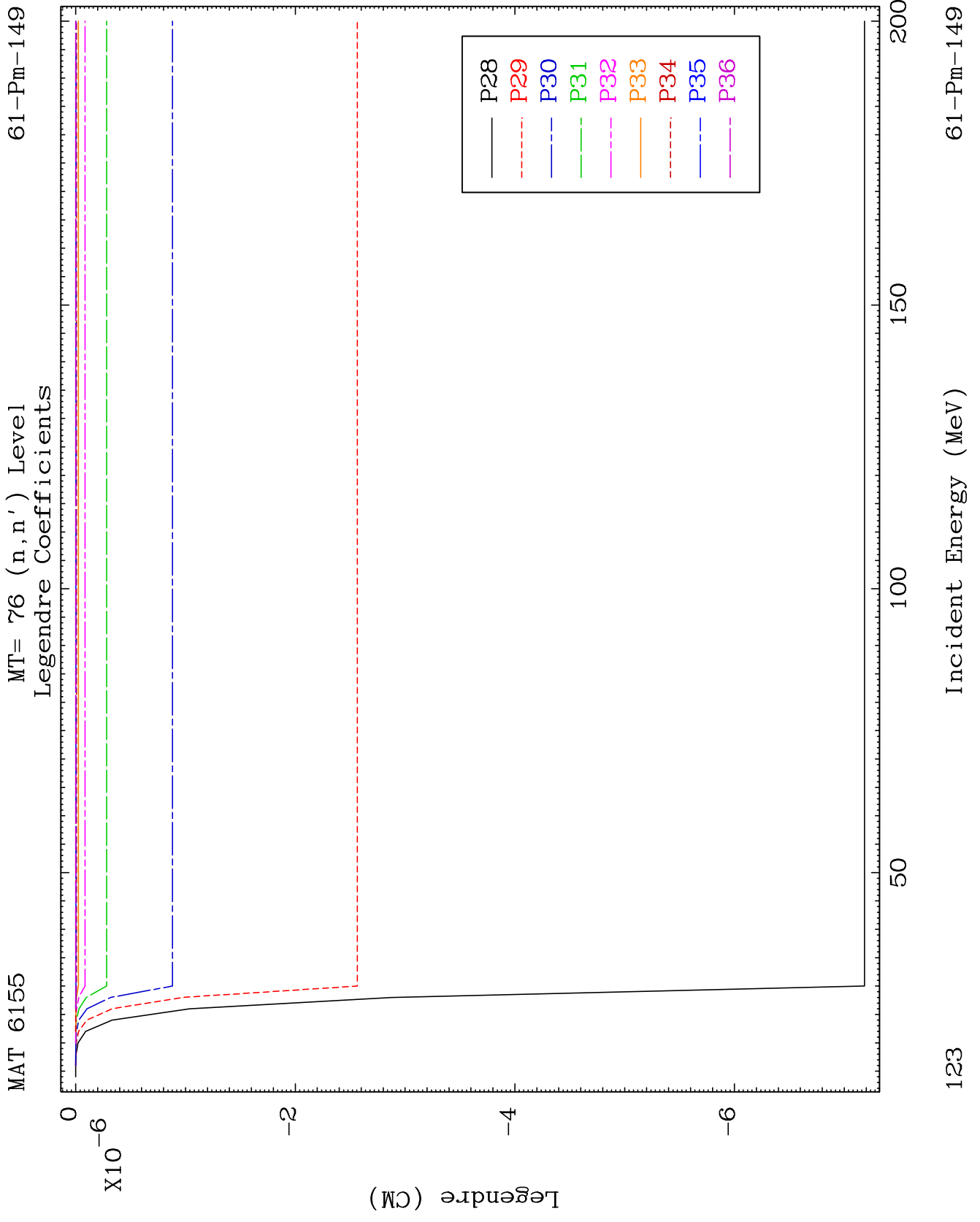
61-Pm-149



122

Incident Energy (MeV)

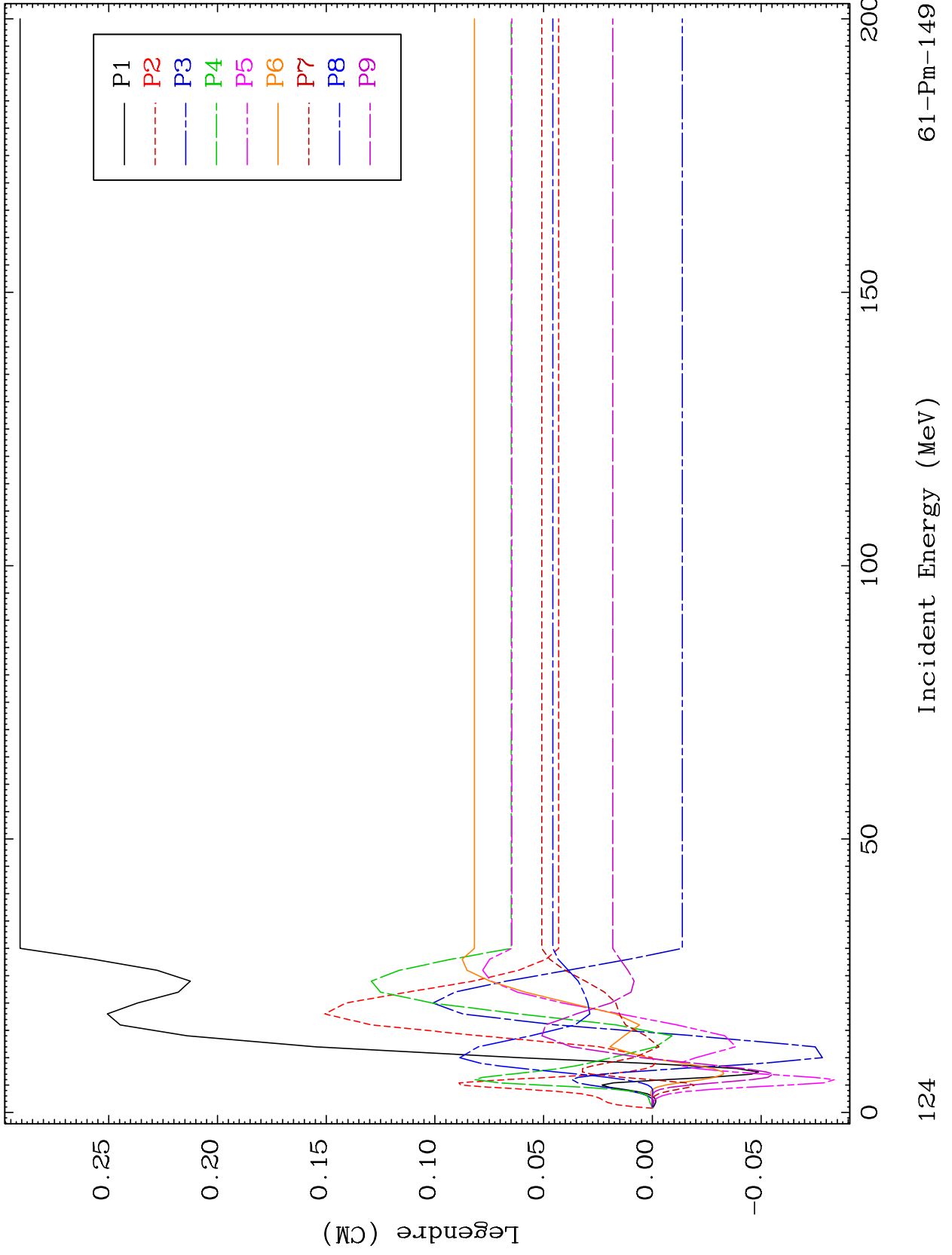
61-Pm-149



MAT 6155

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

61-Pm-149



61-Pm-149

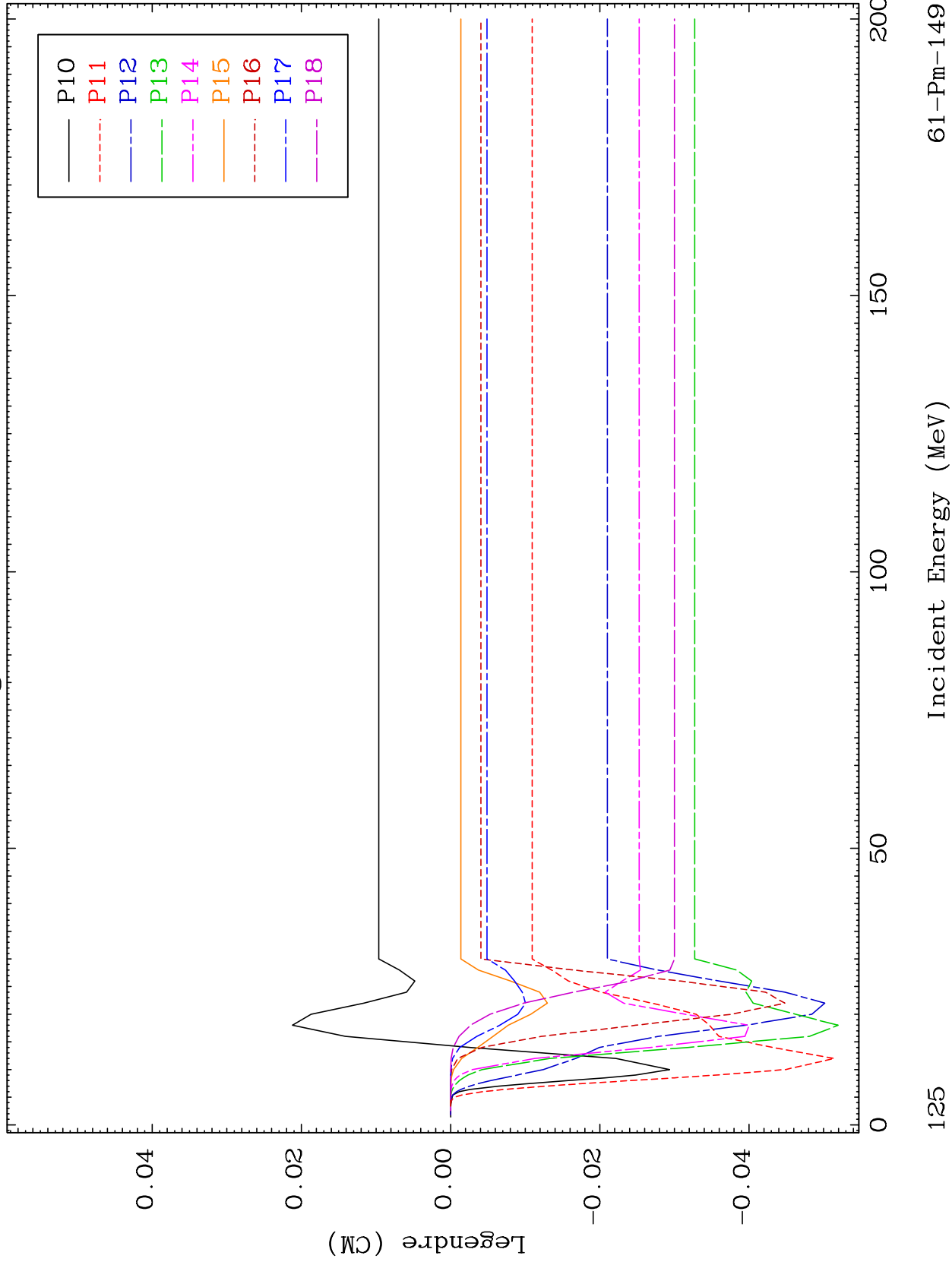
Incident Energy (MeV)

124

MAT 6155

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

61-Pm-149



61-Pm-149

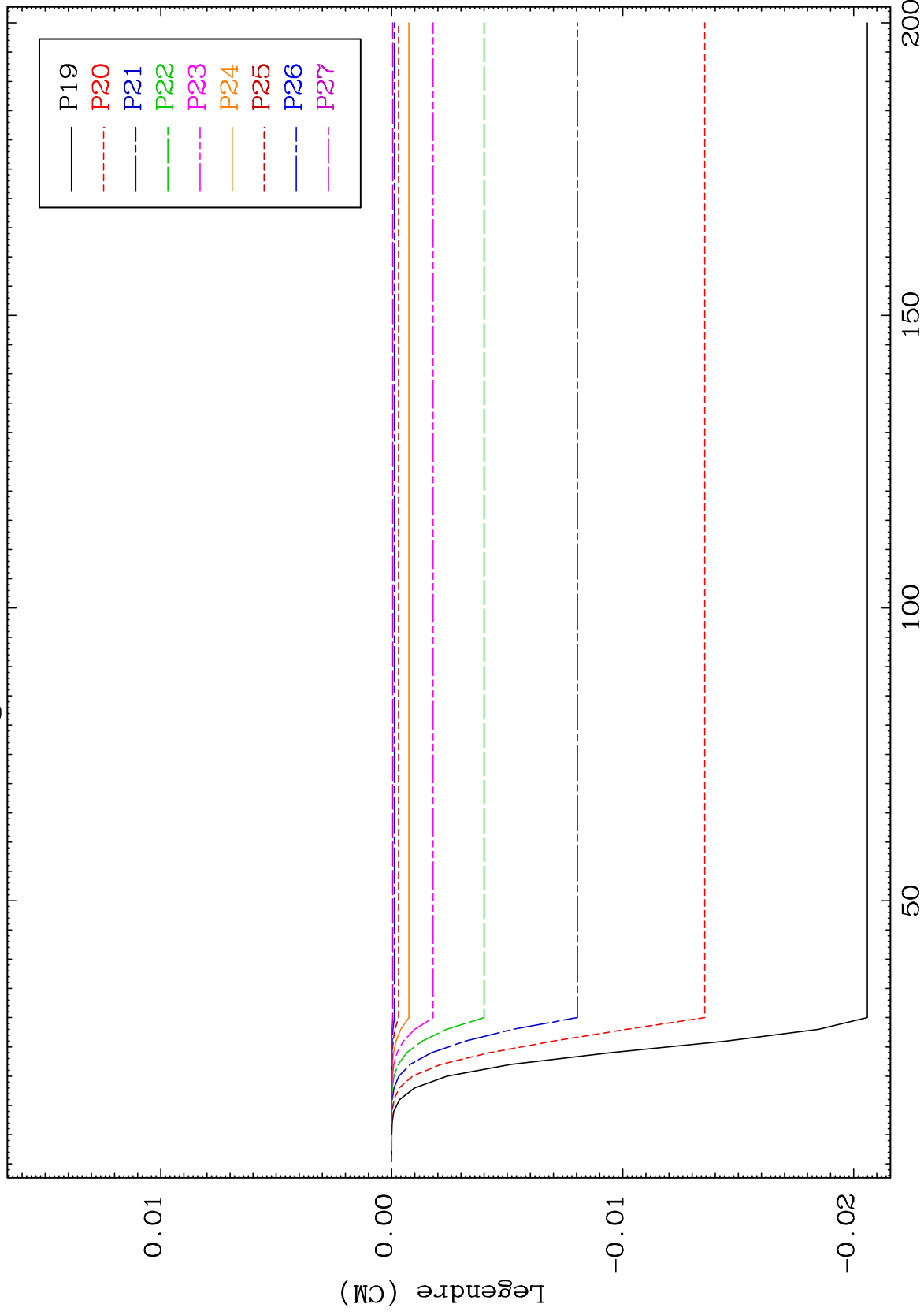
Incident Energy (MeV)

125

MAT 6155

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

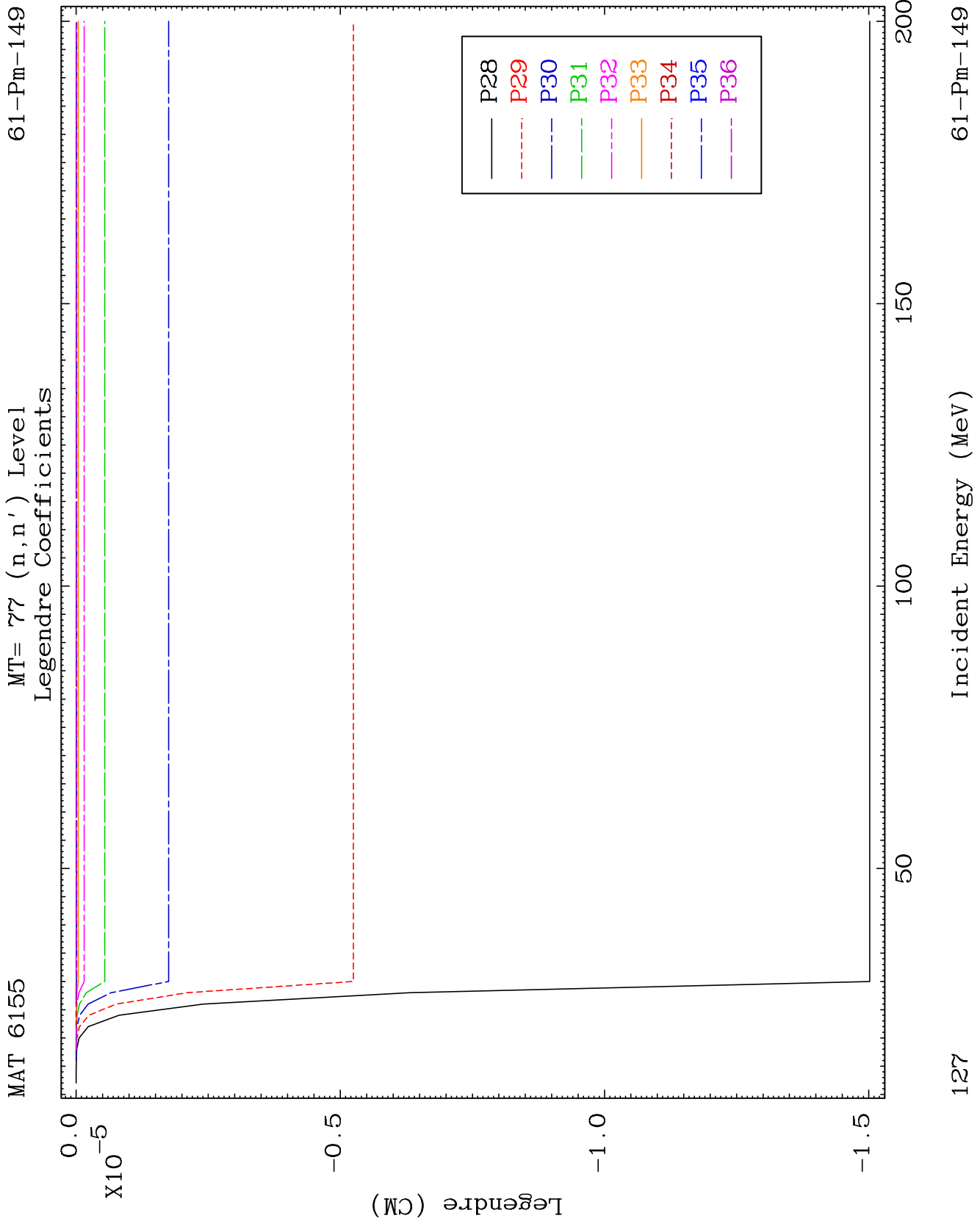
61-Pm-149



126

Incident Energy (MeV)

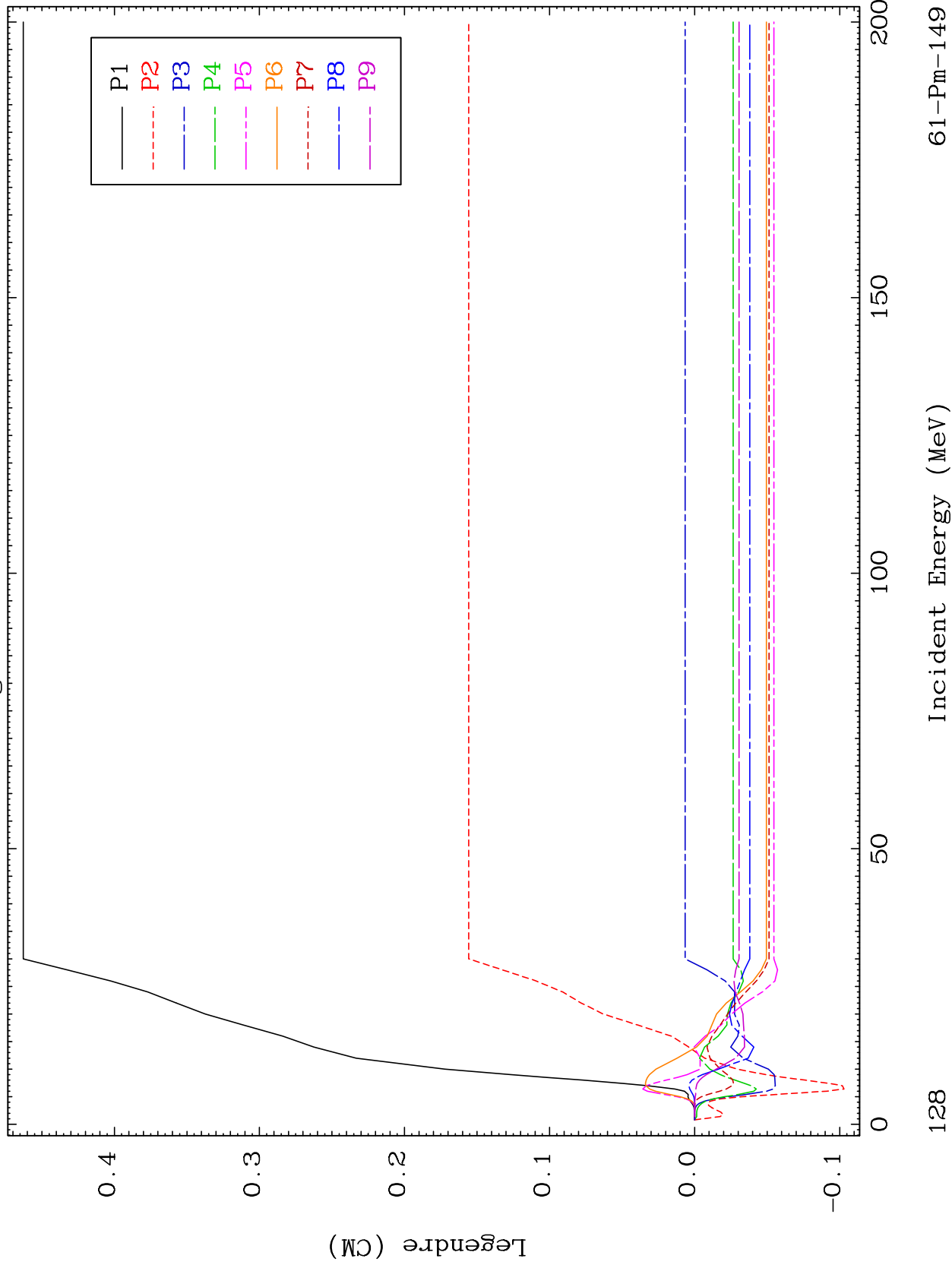
61-Pm-149



MAT 6155

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

61-Pm-149



61-Pm-149

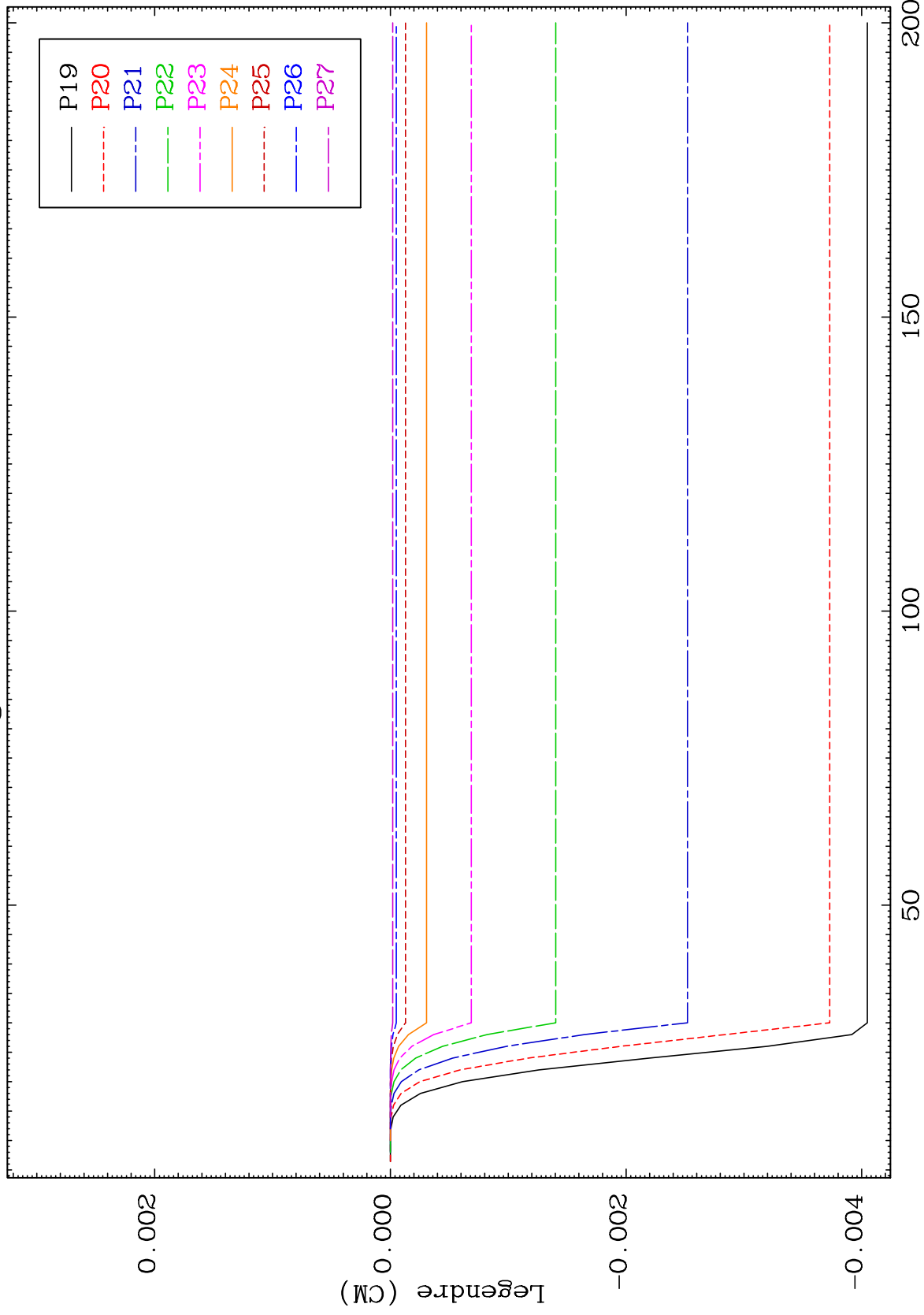
Incident Energy (MeV)

128

MAT 6155

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

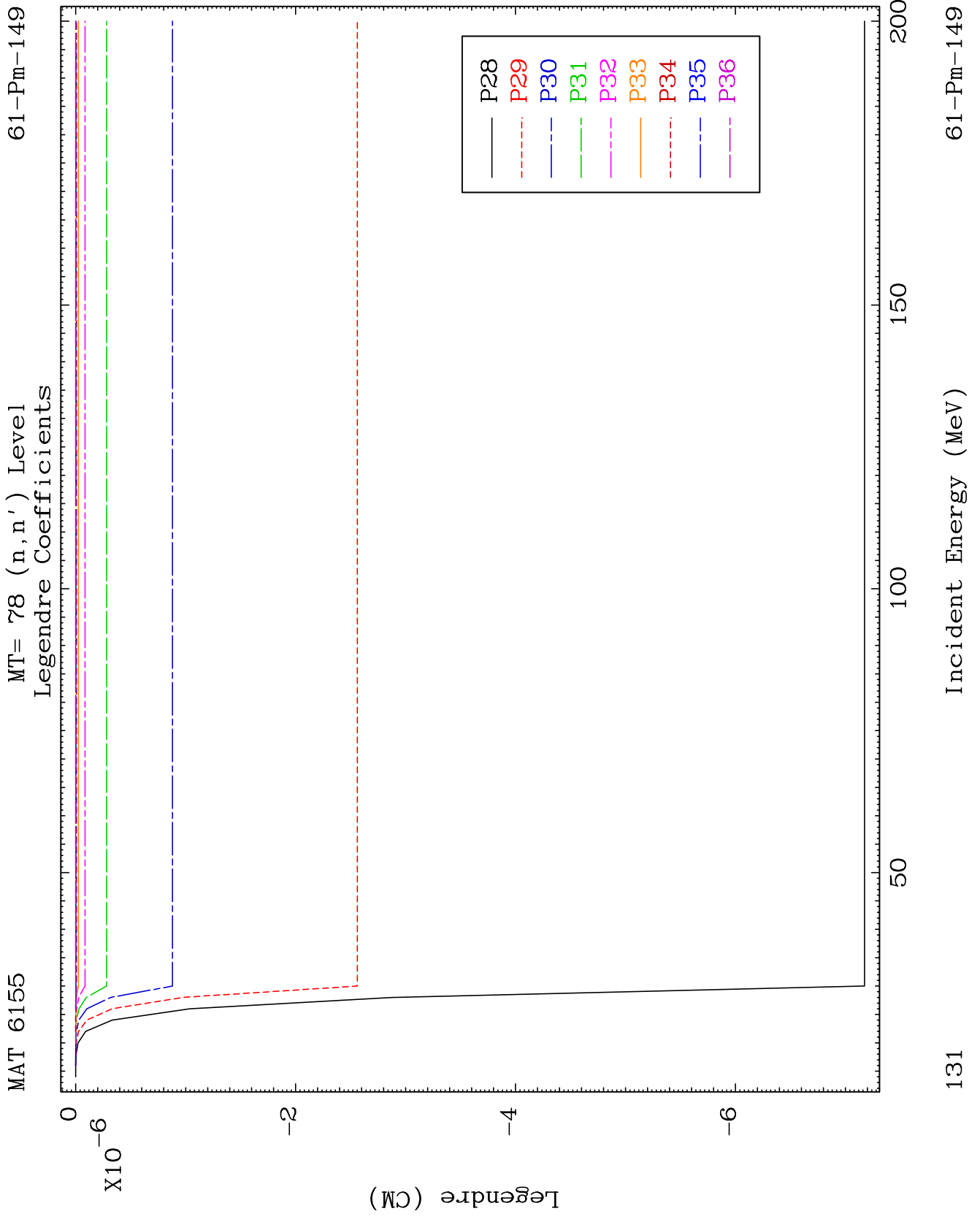
61-Pm-149



130

Incident Energy (MeV)

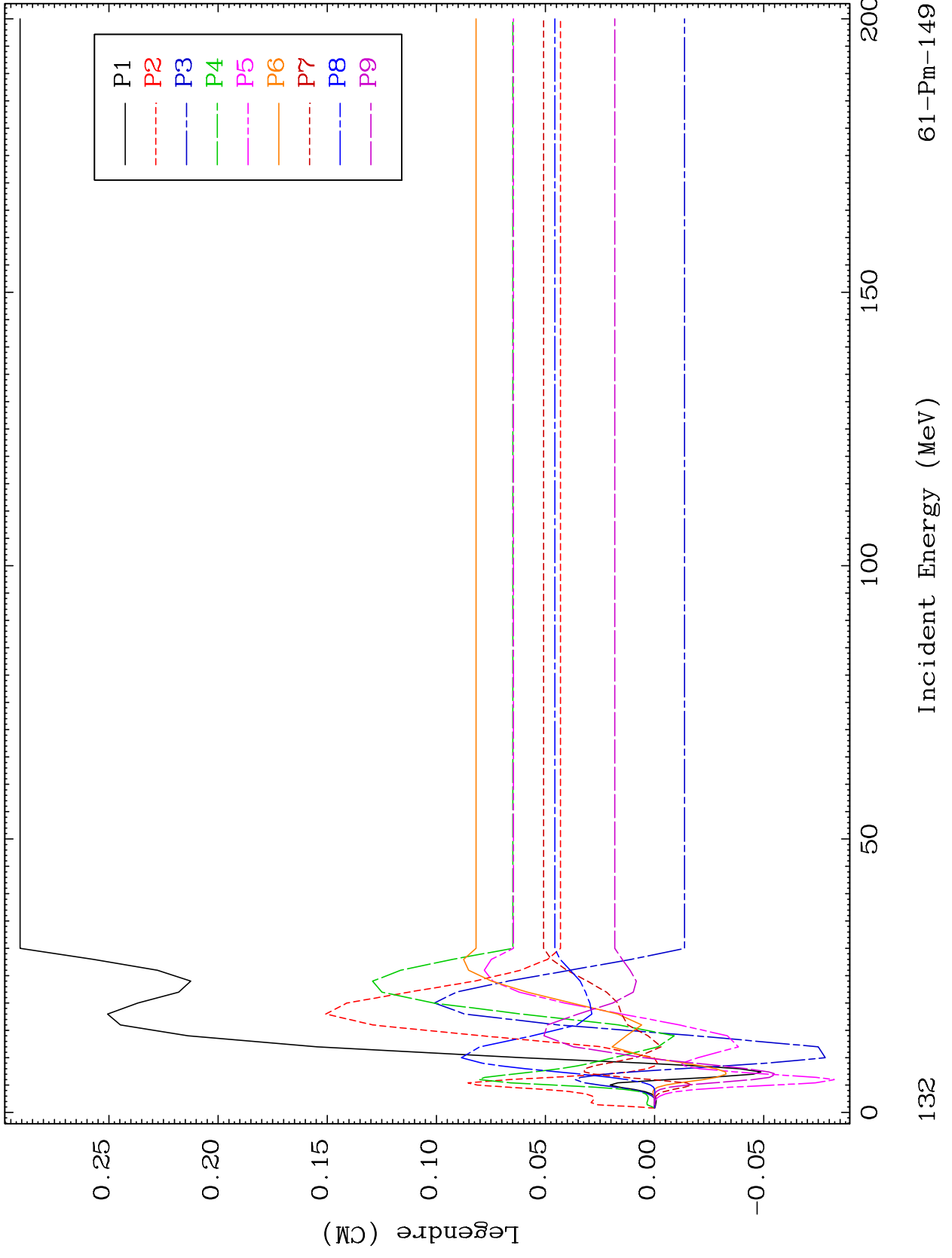
61-Pm-149



MAT 6155

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

61-Pm-149



61-Pm-149

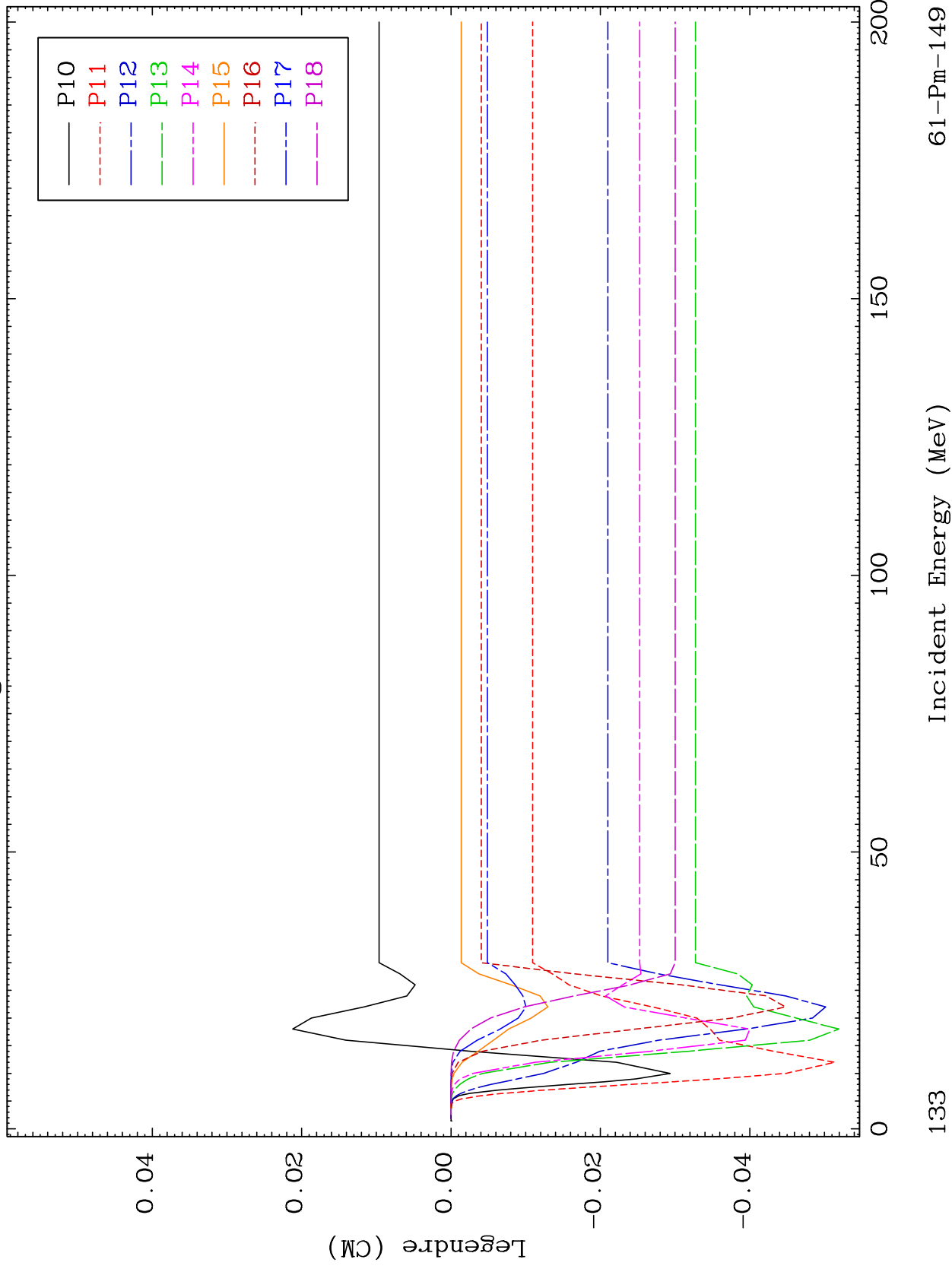
Incident Energy (MeV)

132

MAT 6155

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

61-Pm-149



61-Pm-149

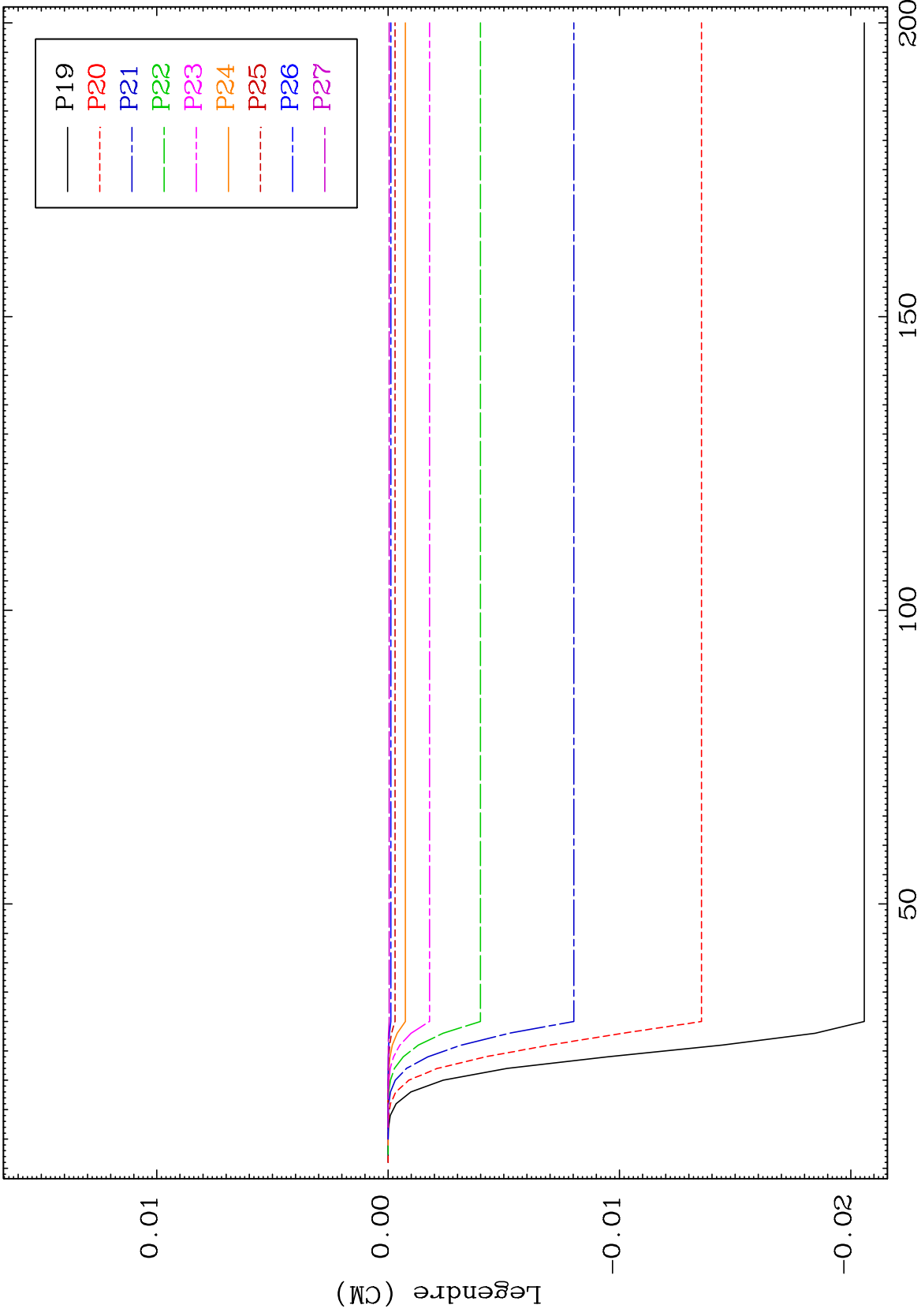
Incident Energy (MeV)

133

MAT 6155

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

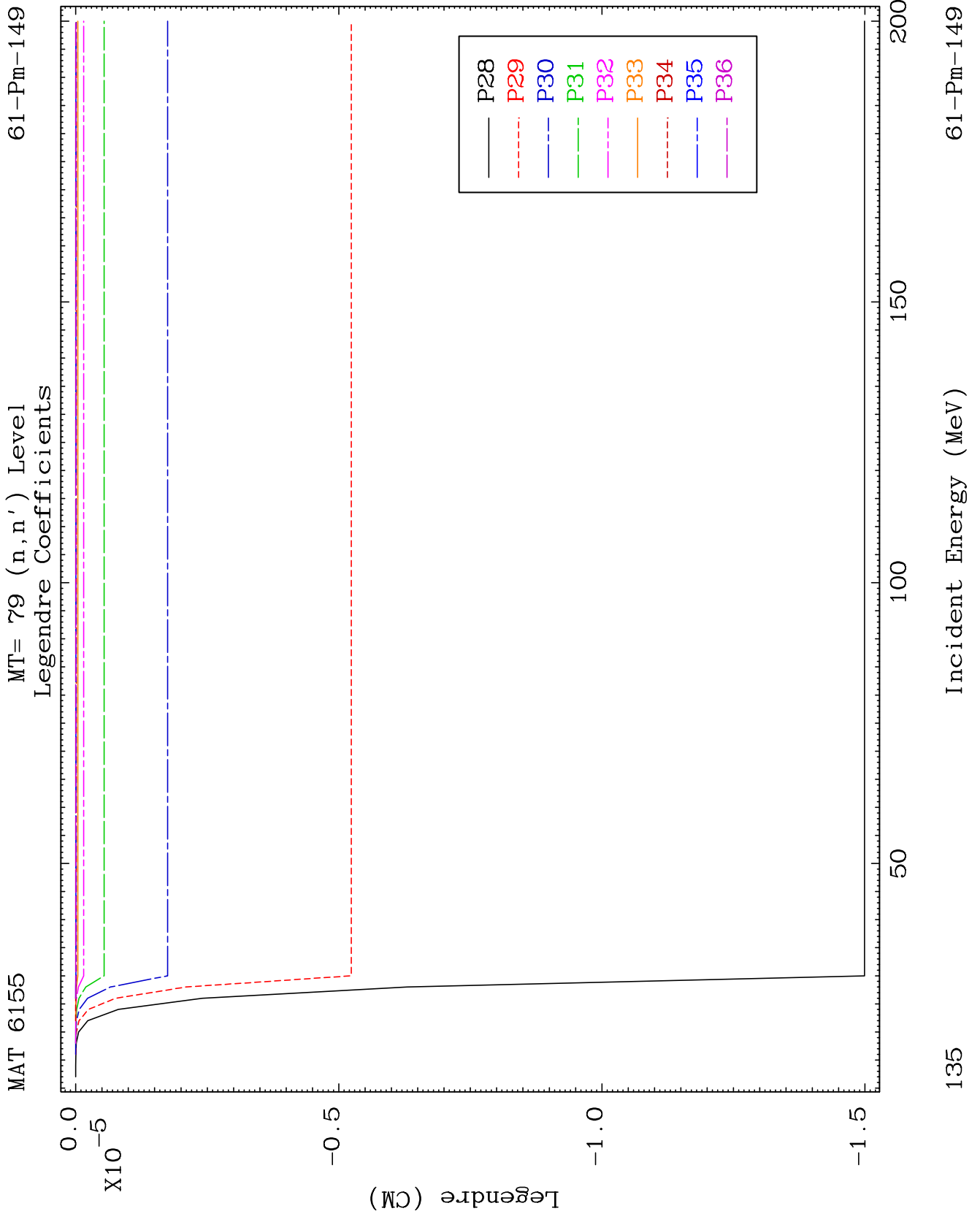
61-Pm-149

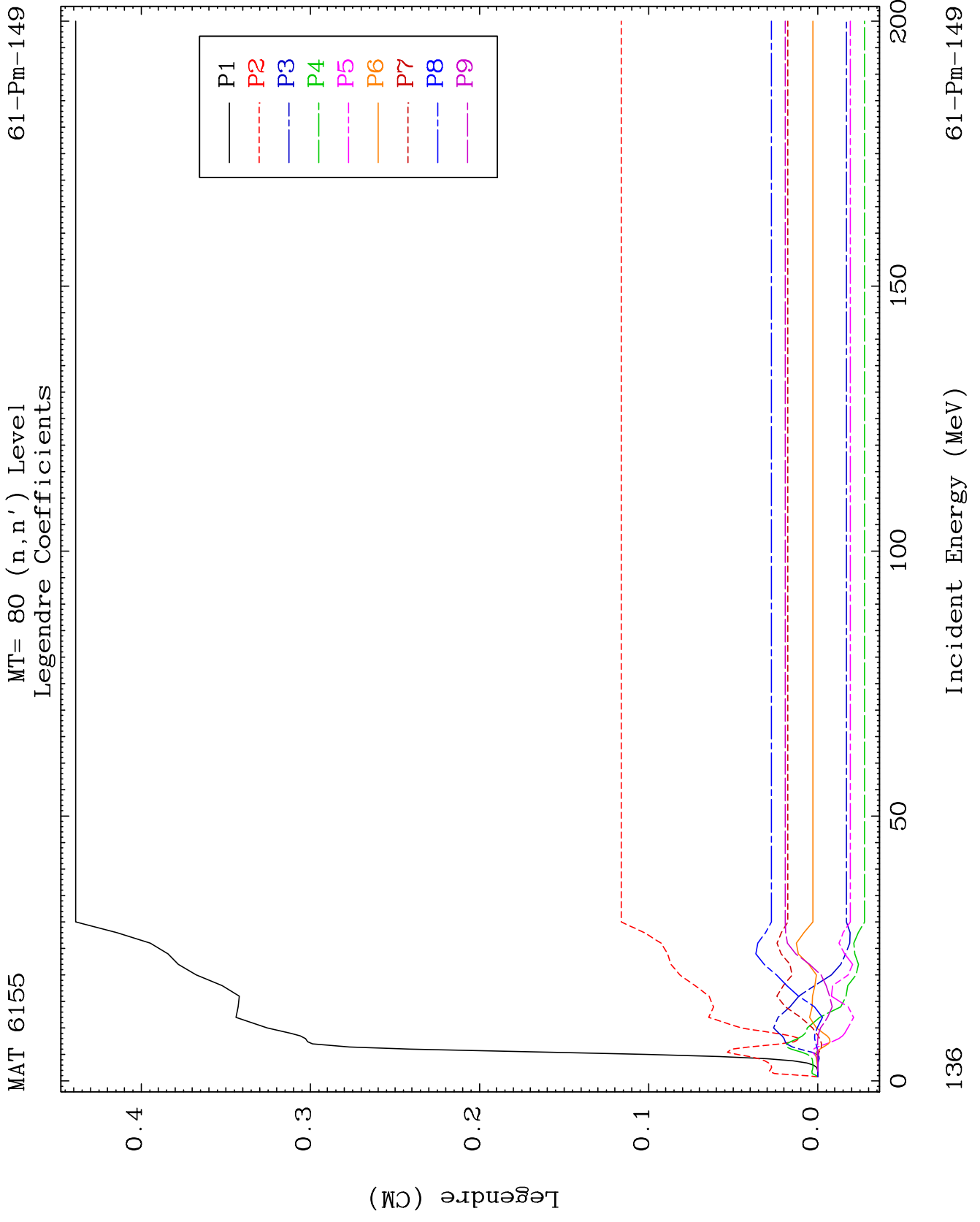


134

Incident Energy (MeV)

61-Pm-149

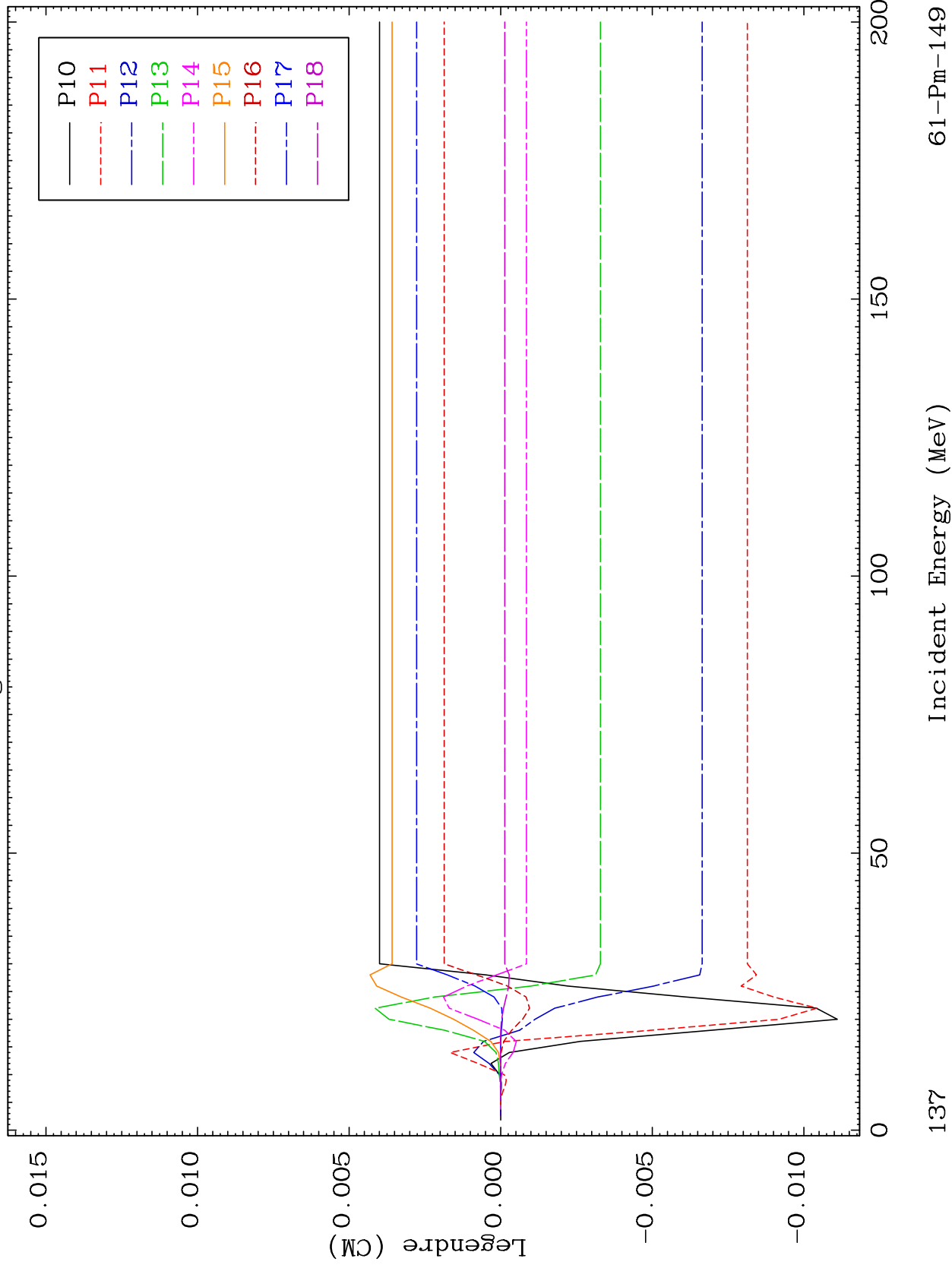




MAT 6155

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

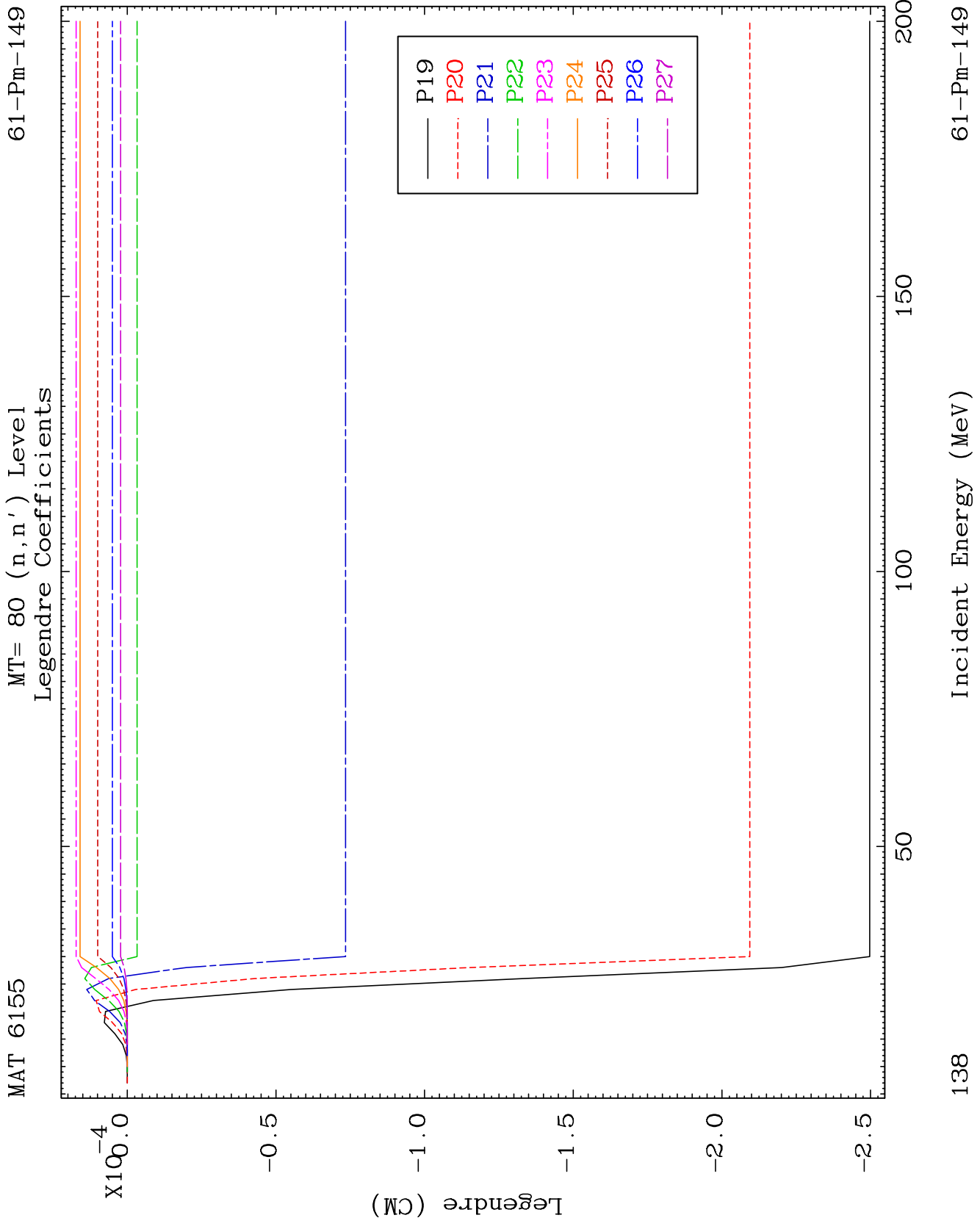
61-Pm-149



137

Incident Energy (MeV)

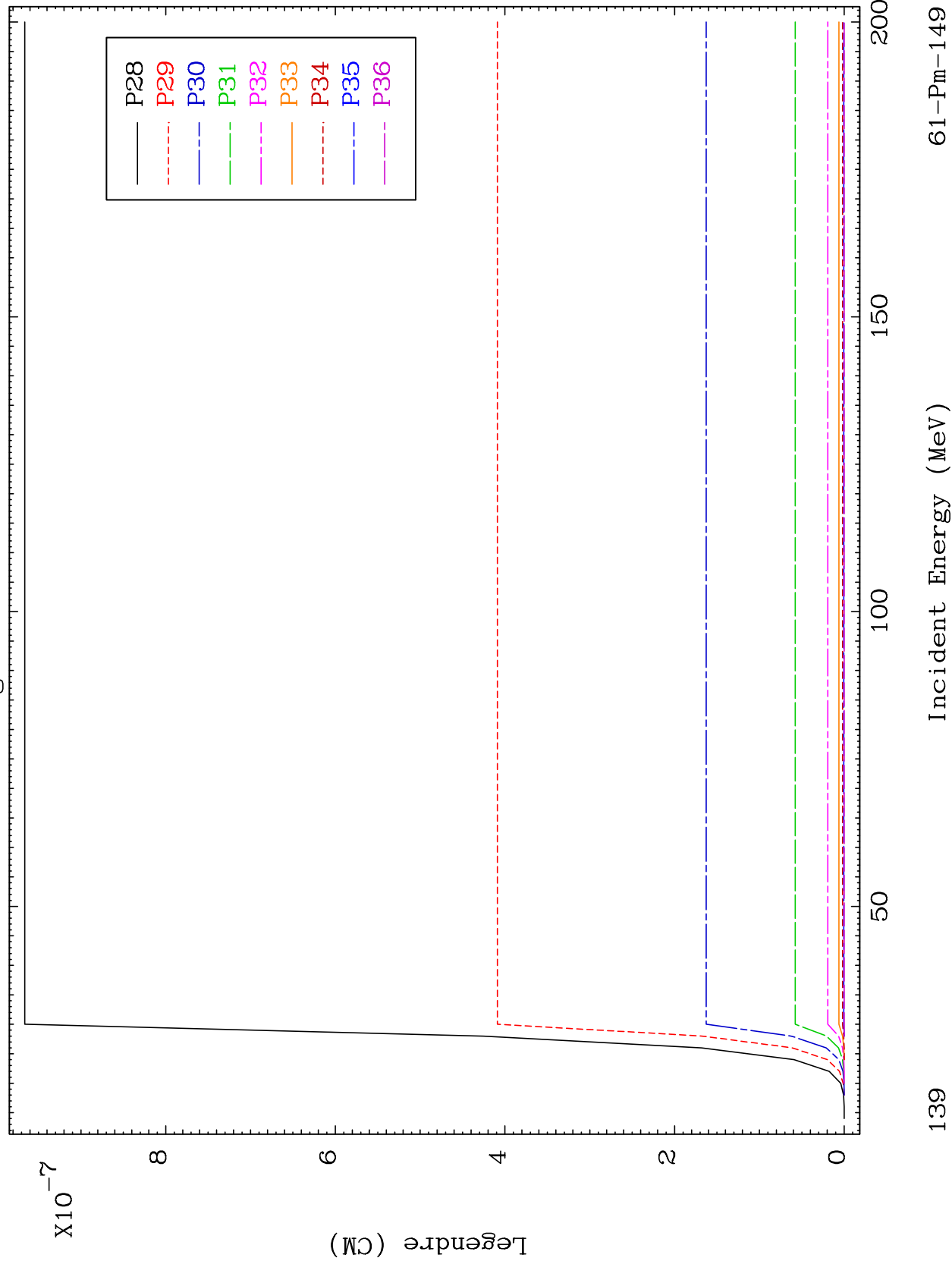
61-Pm-149



MAT 6155

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

61-Pm-149



139

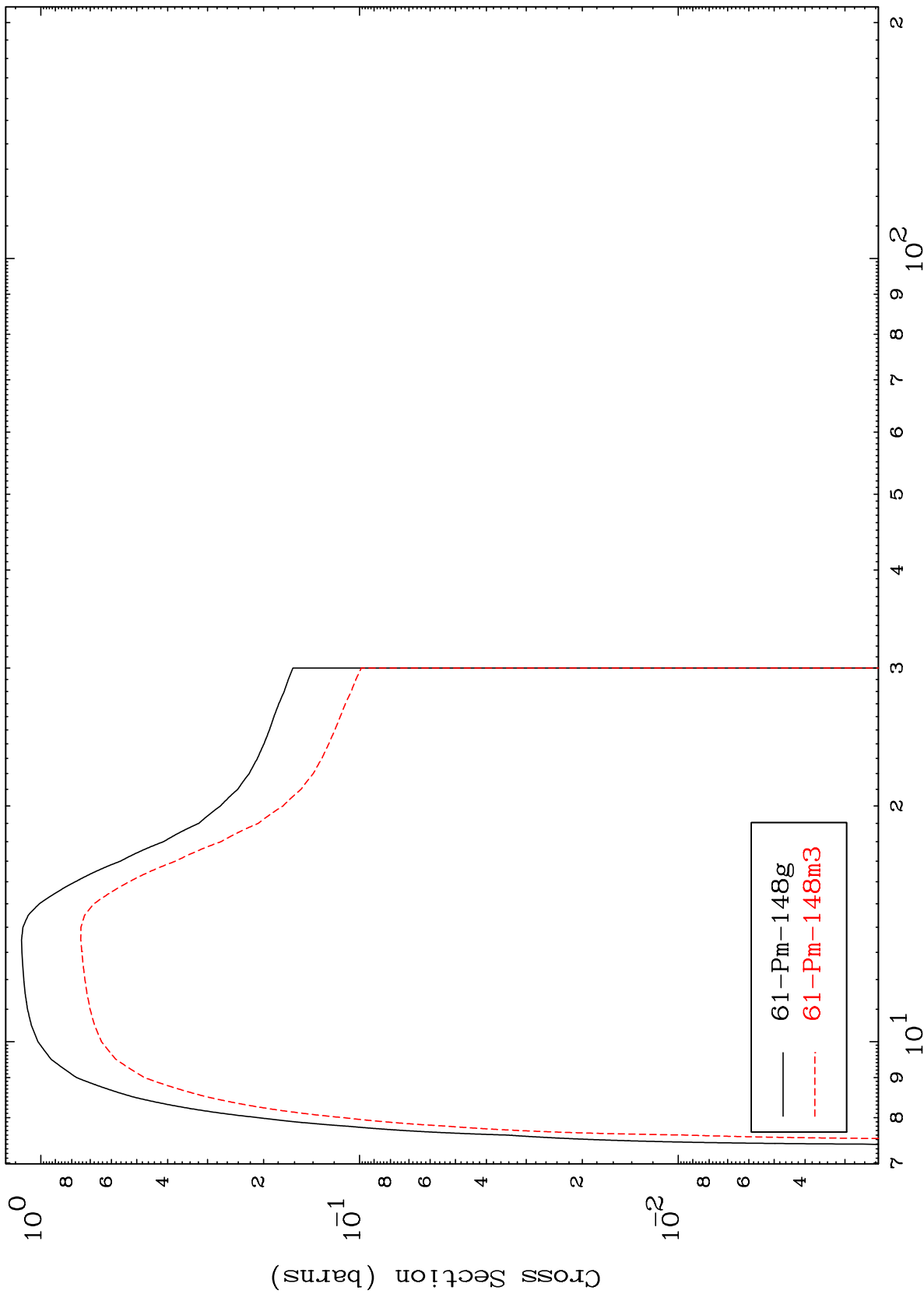
Incident Energy (MeV)

61-Pm-149

MAT 6155

61-Pm-149

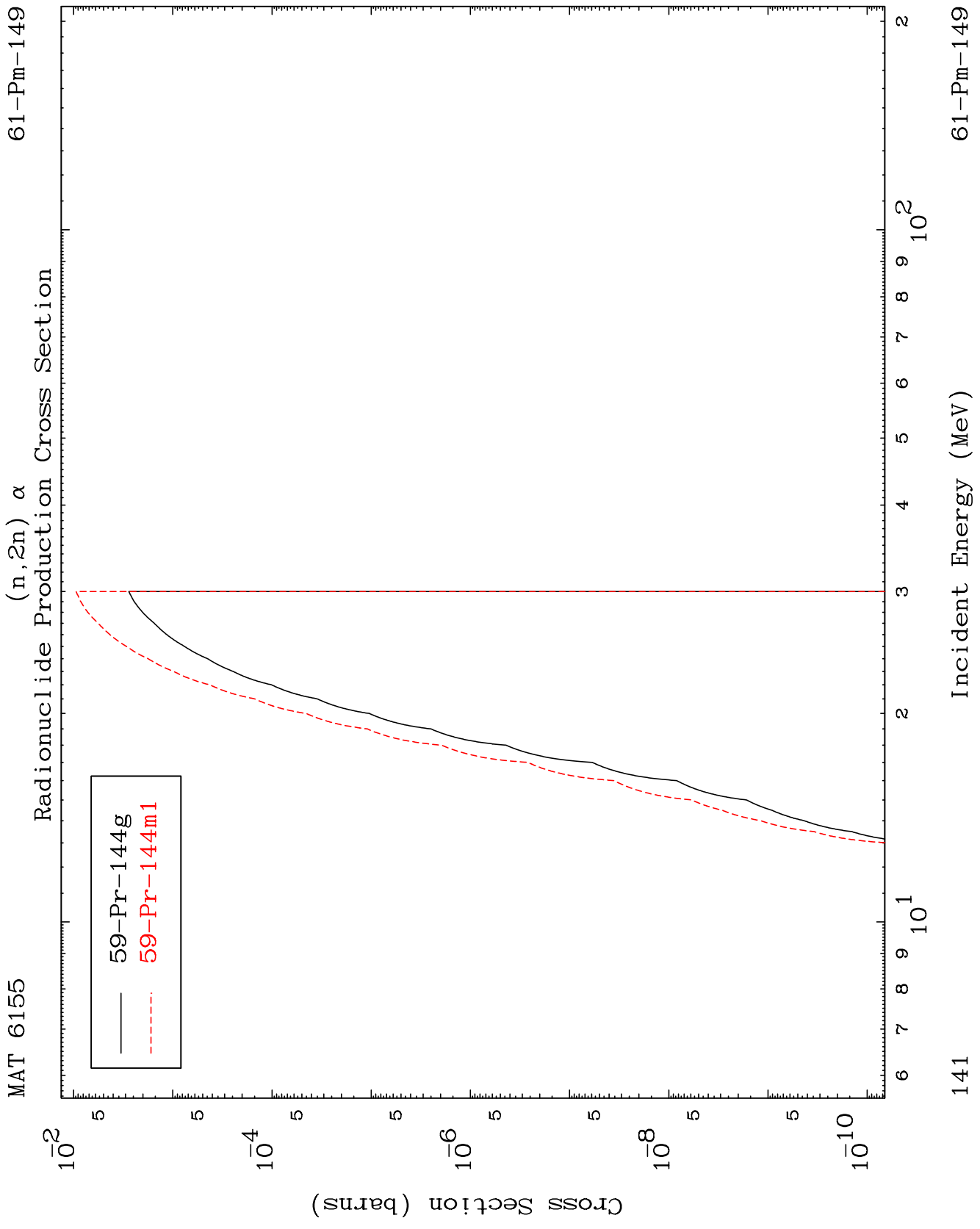
(n,2n)
Radionuclide Production Cross Section



61-Pm-149

Incident Energy (MeV)

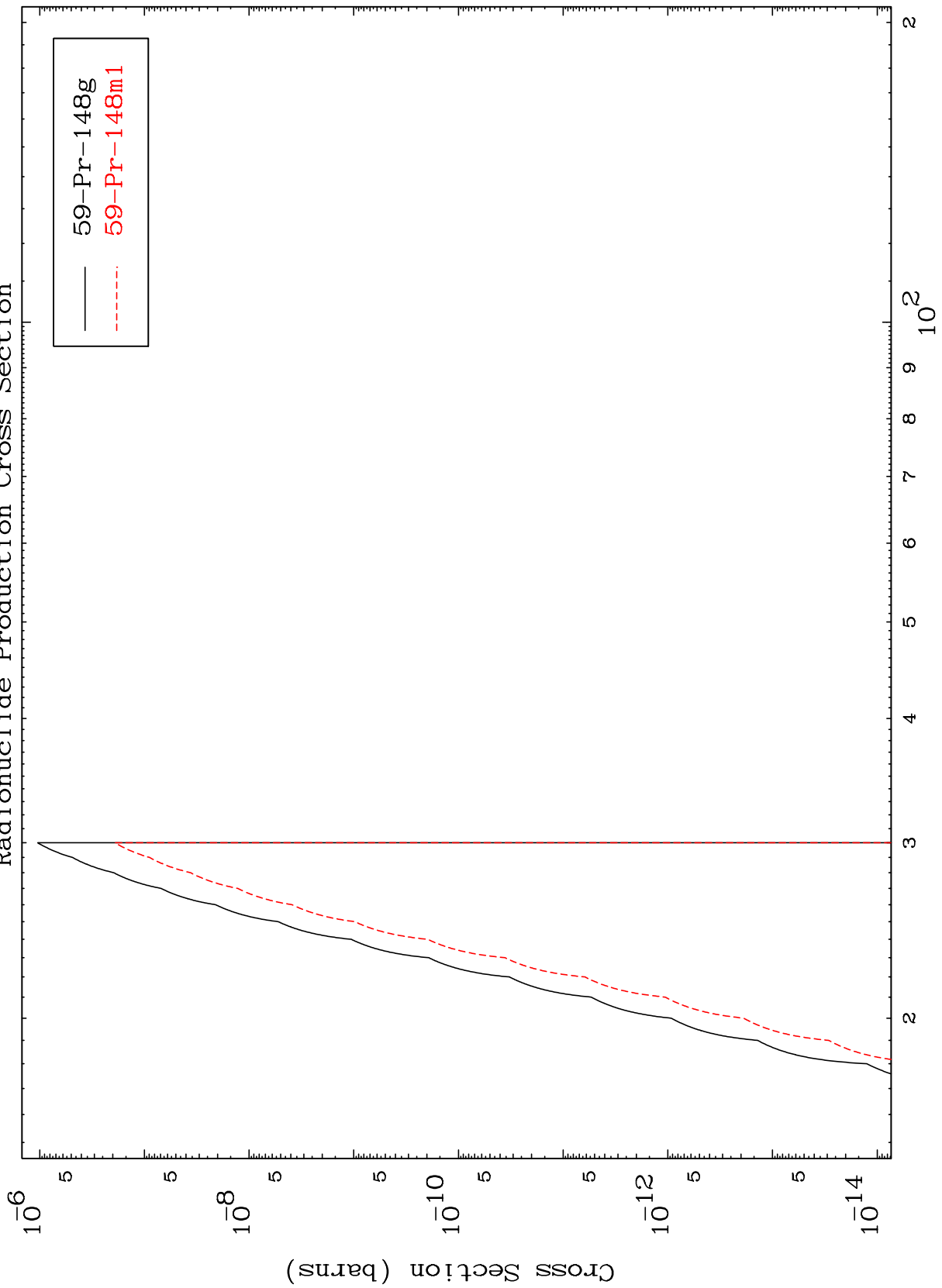
140



MAT 6155

61-Pm-149

(n,2p)
Radionuclide Production Cross Section



59-Pr-148g
59-Pr-148m1

142

61-Pm-149

Incident Energy (MeV)