

Program EVALPLOT
(Version 2021-1)

by

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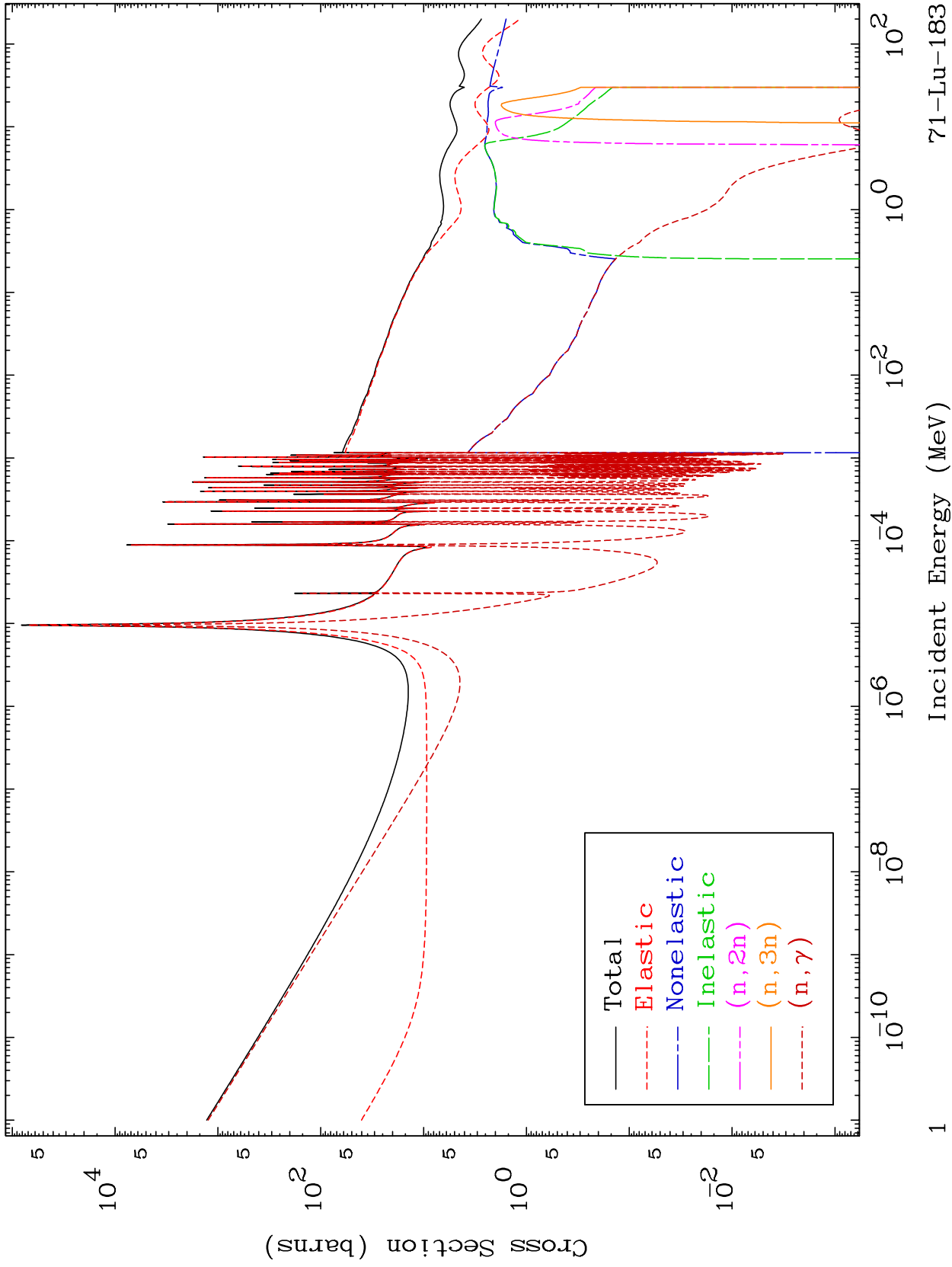
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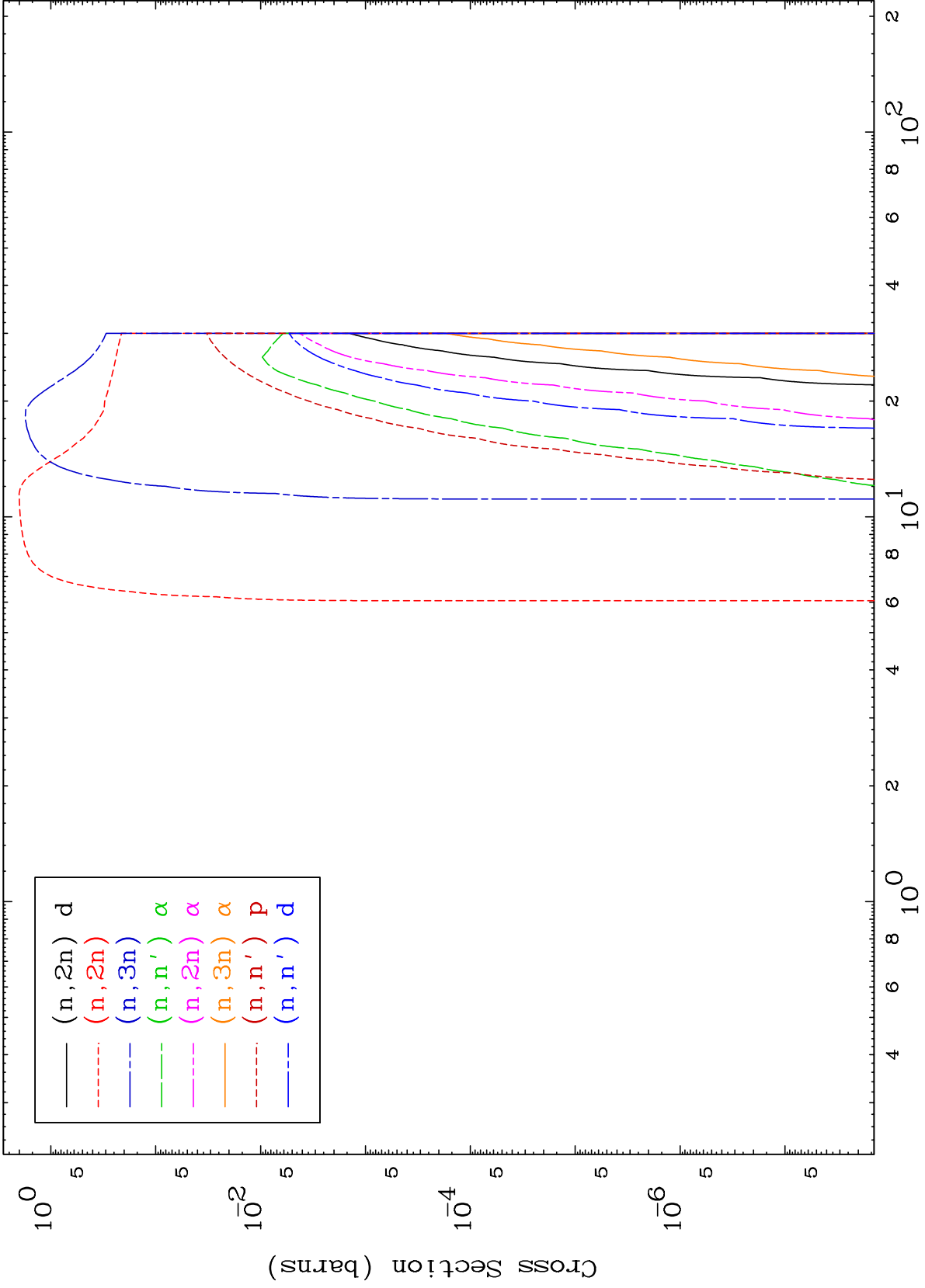
Press Mouse Button to Start

MAT 7149

Neutron Major
293 Kelvin Cross Sections

71-Lu-183

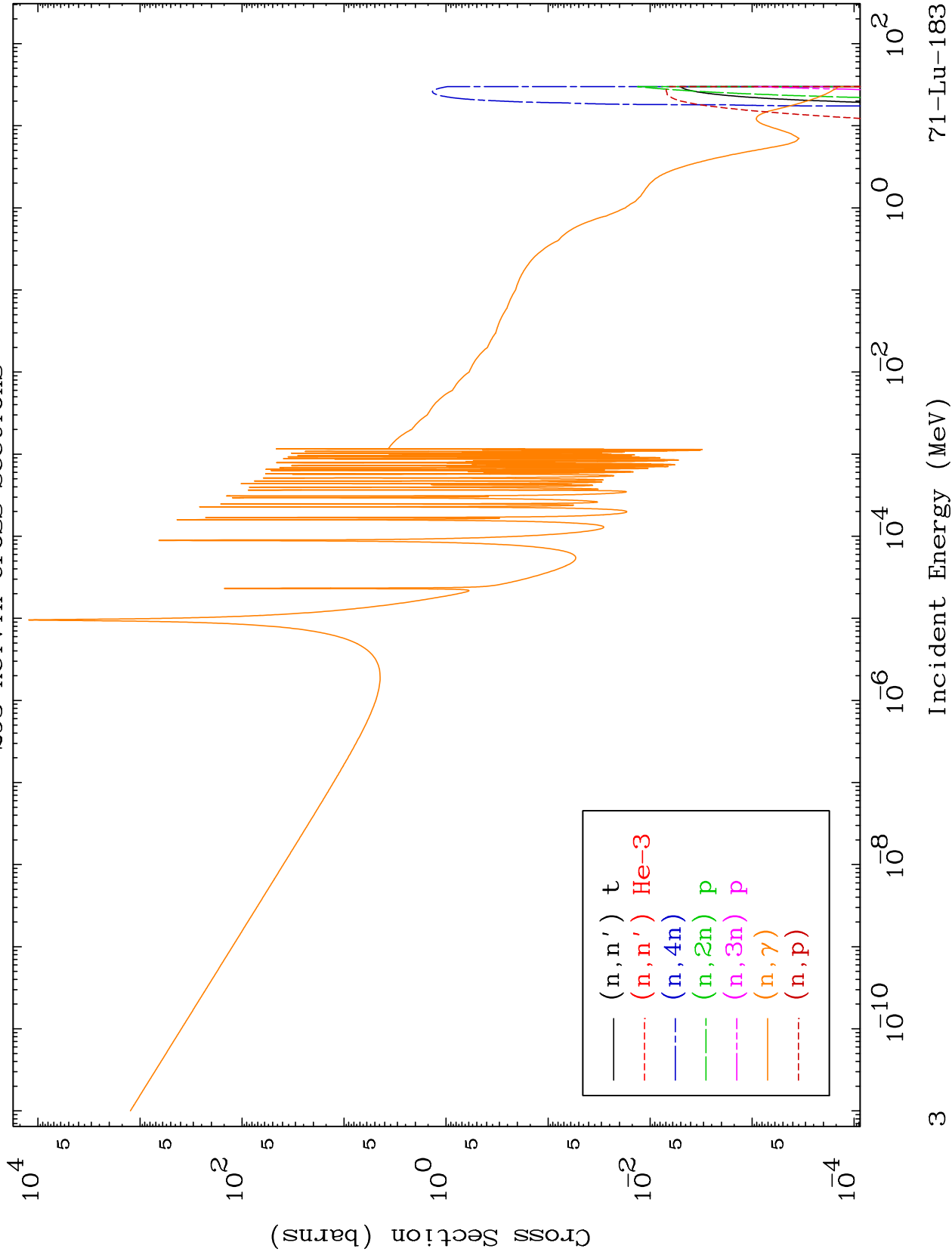


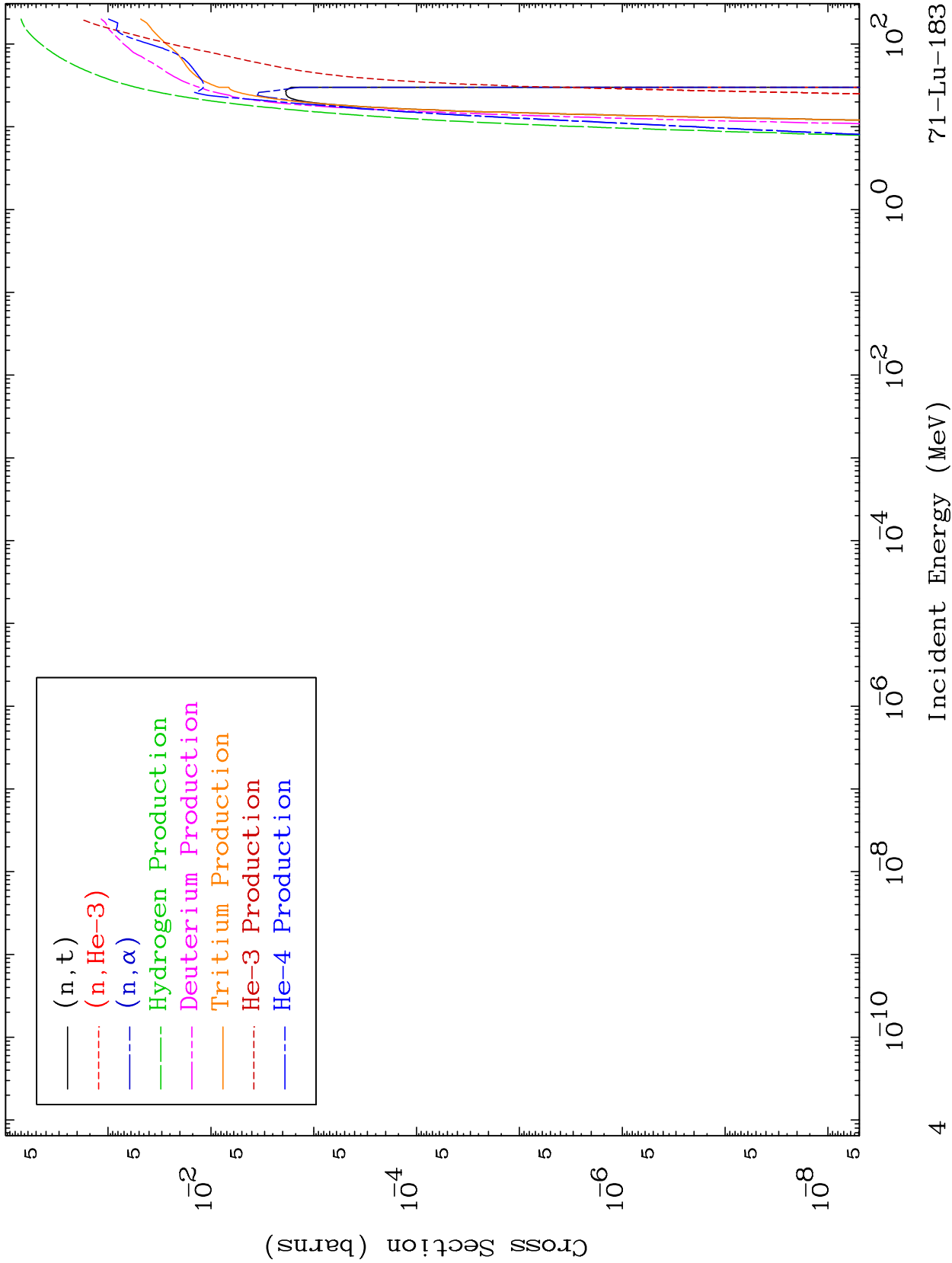


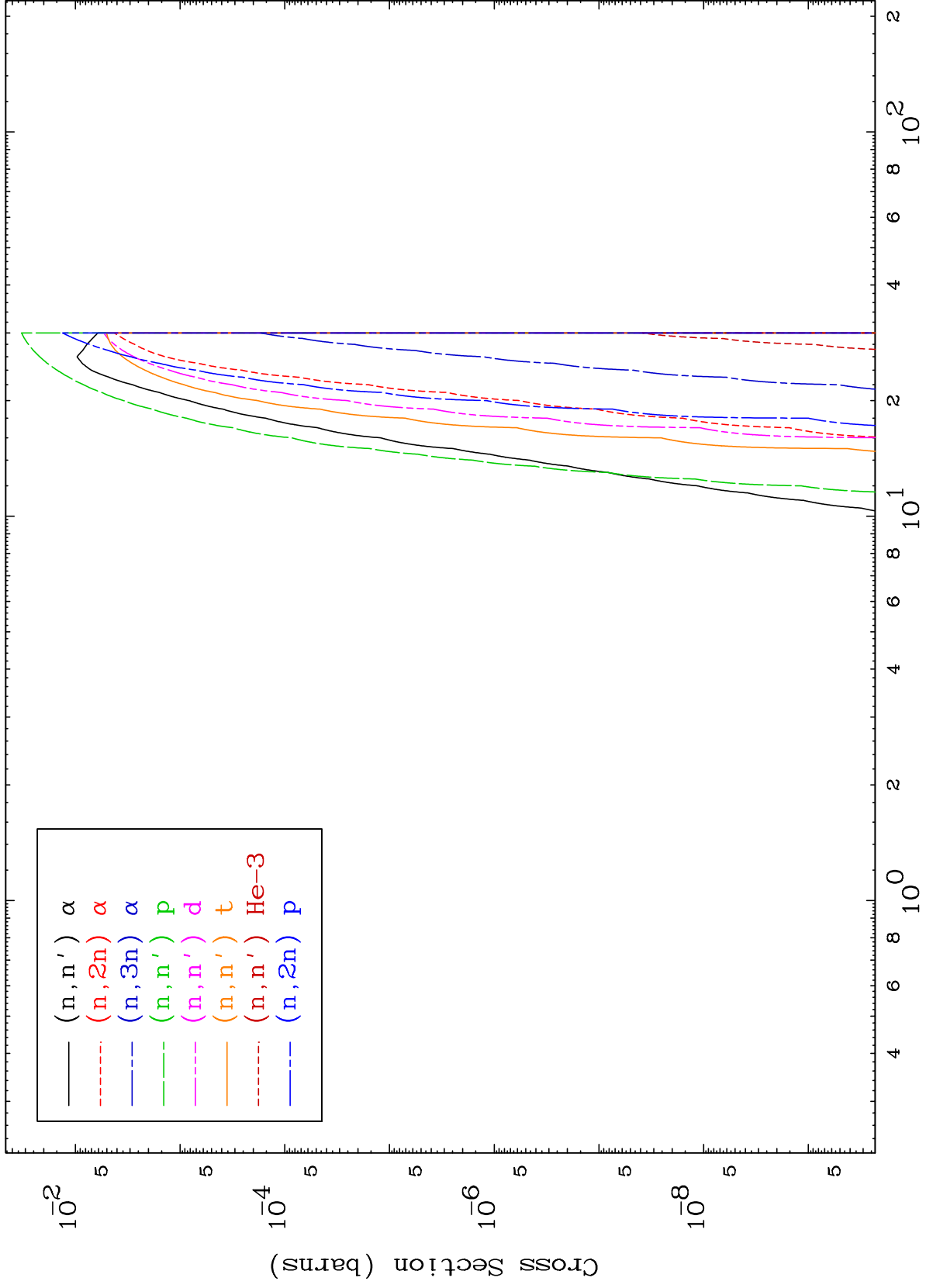
MAT 7149

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-183



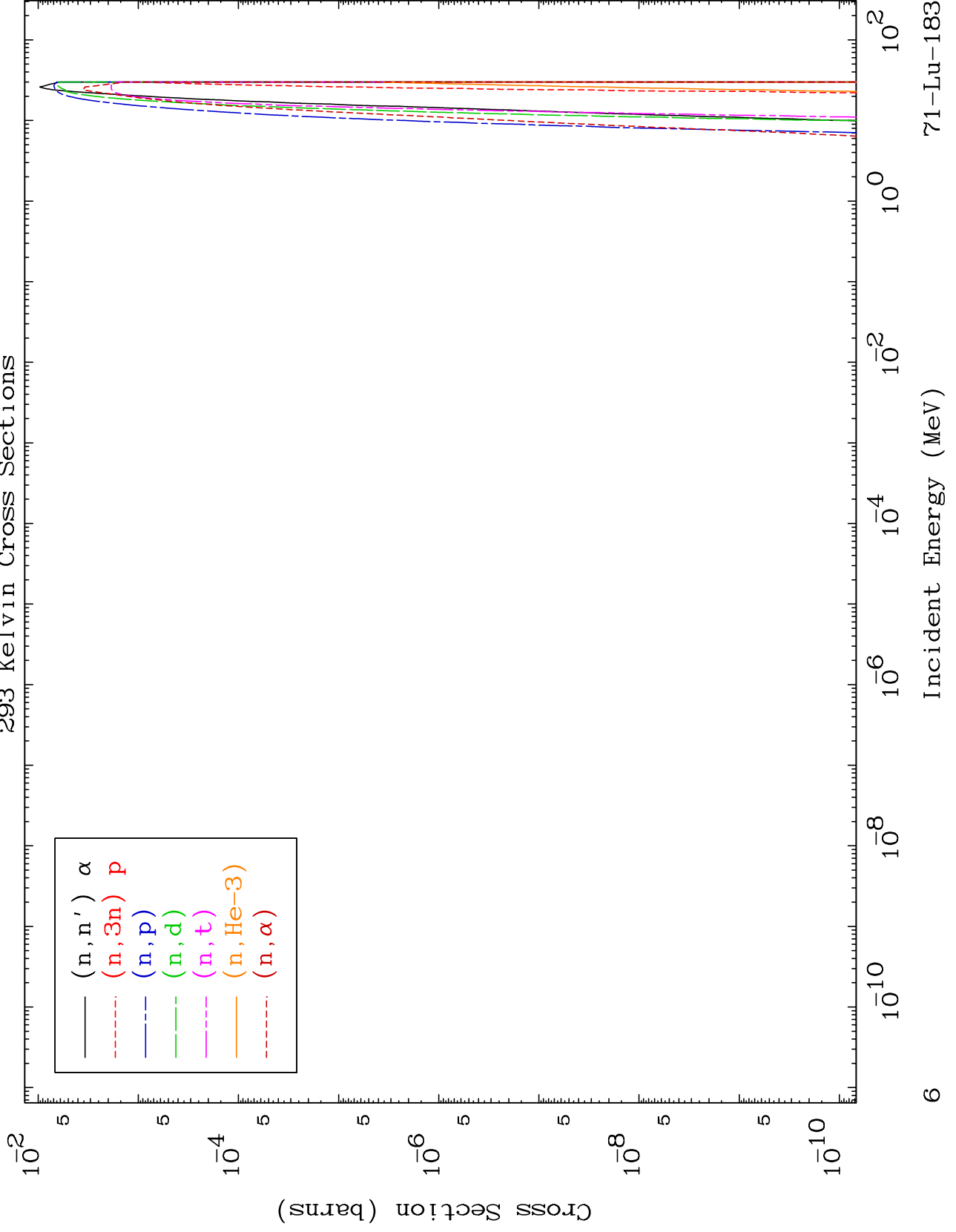


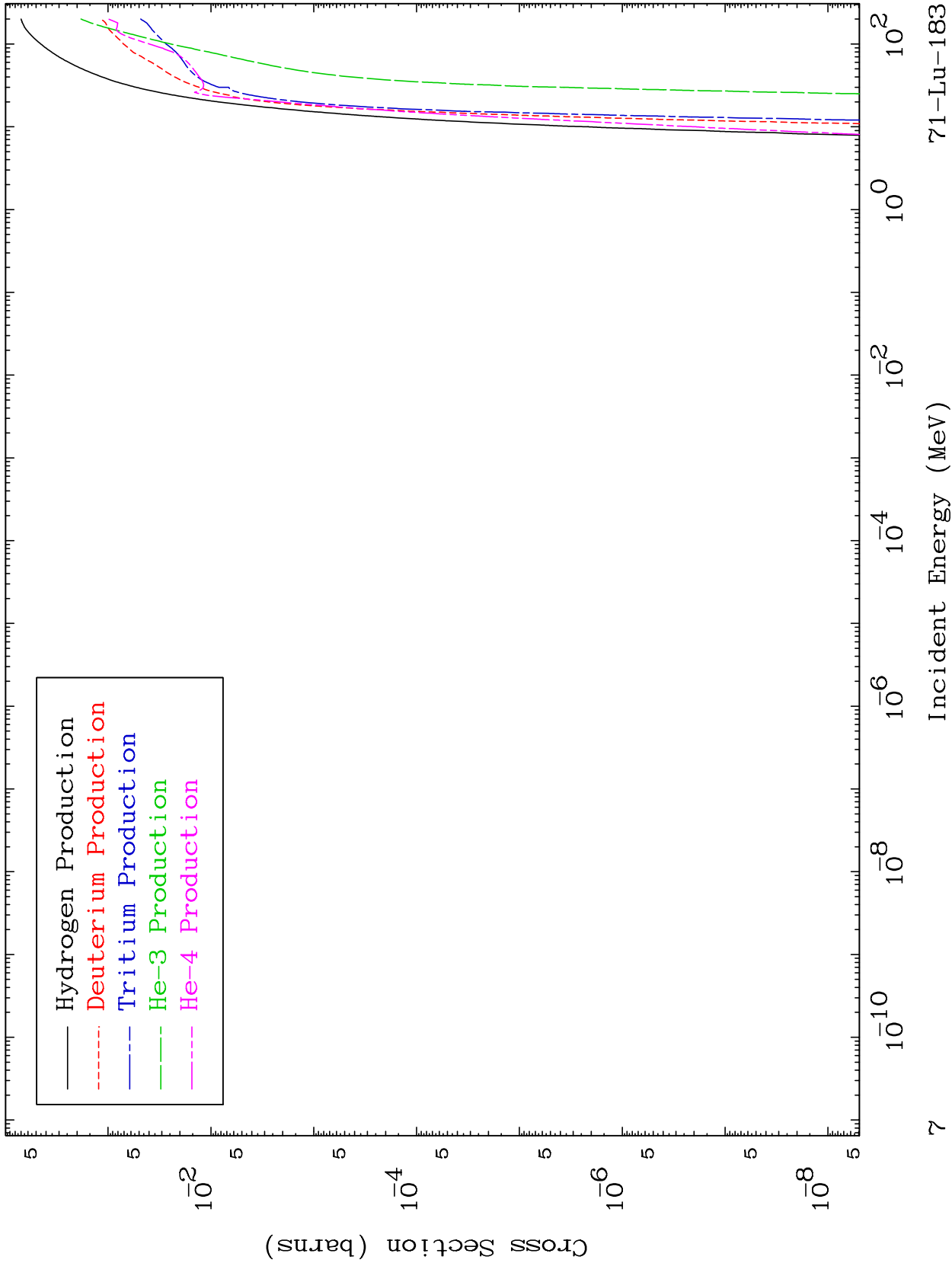


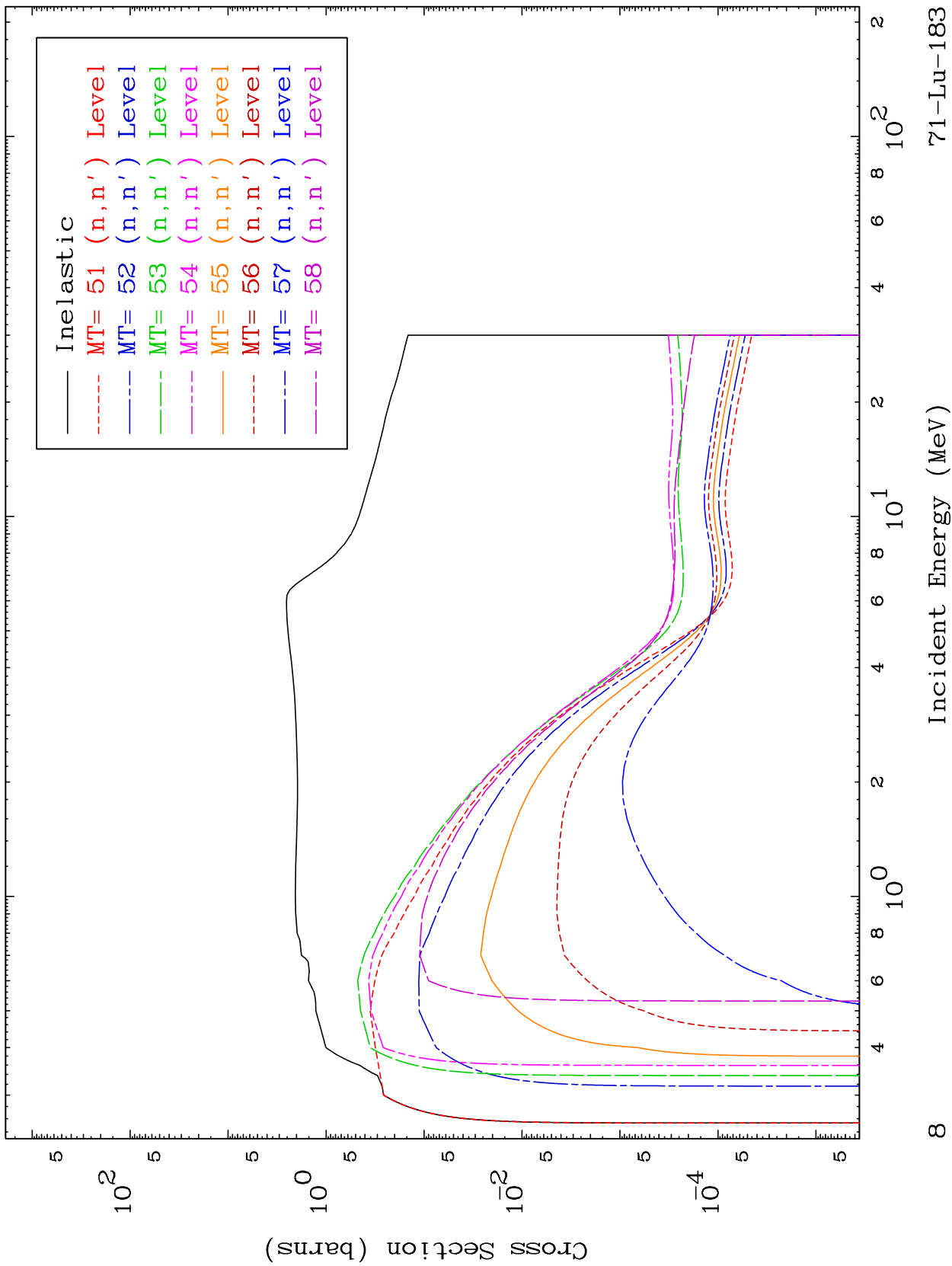
MAT 7149

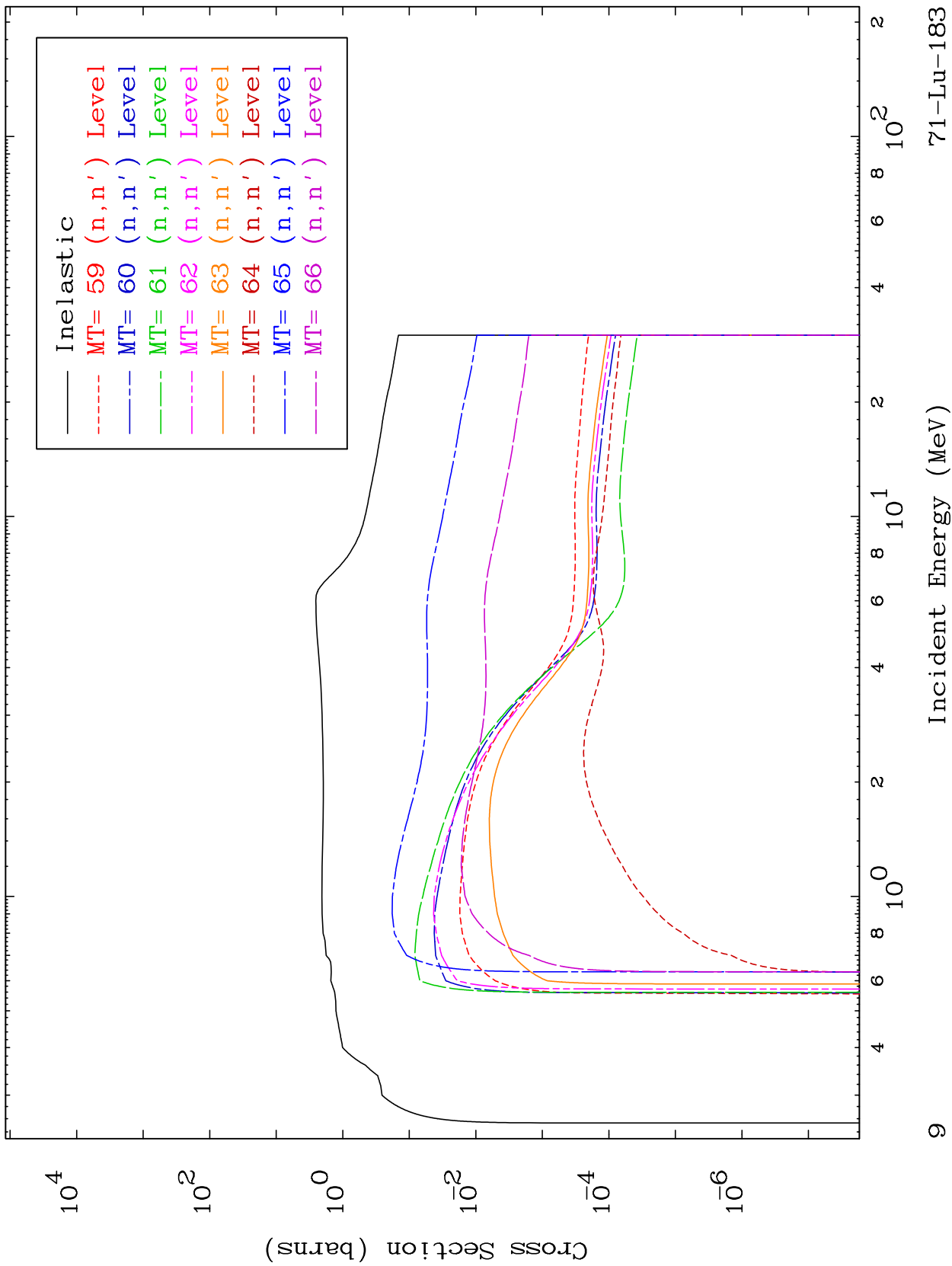
Charged Particle
293 Kelvin Cross Sections

71-Lu-183







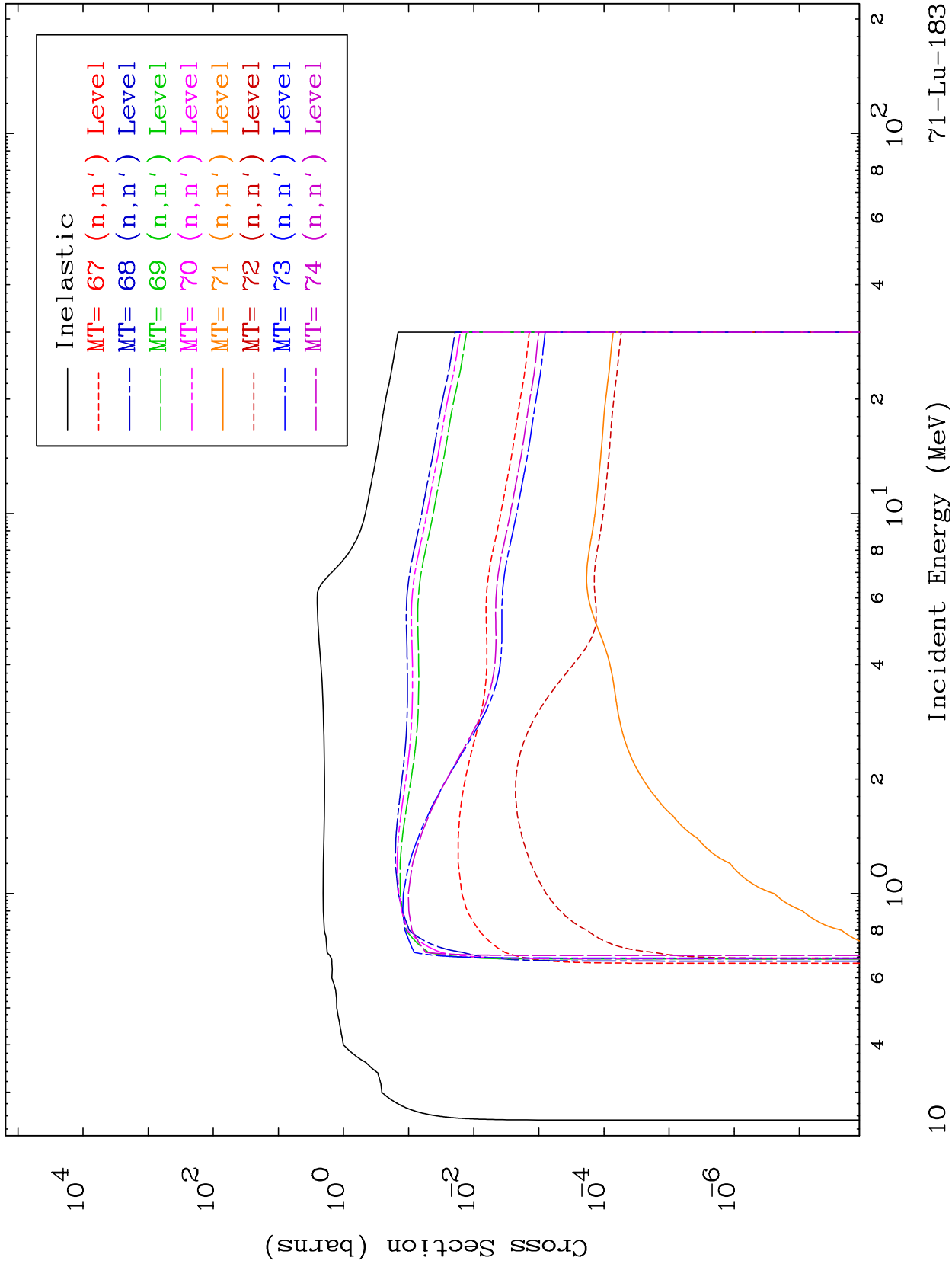


MAT 7149

(n,n') Levels

71-Lu-183

293 Kelvin Cross Sections

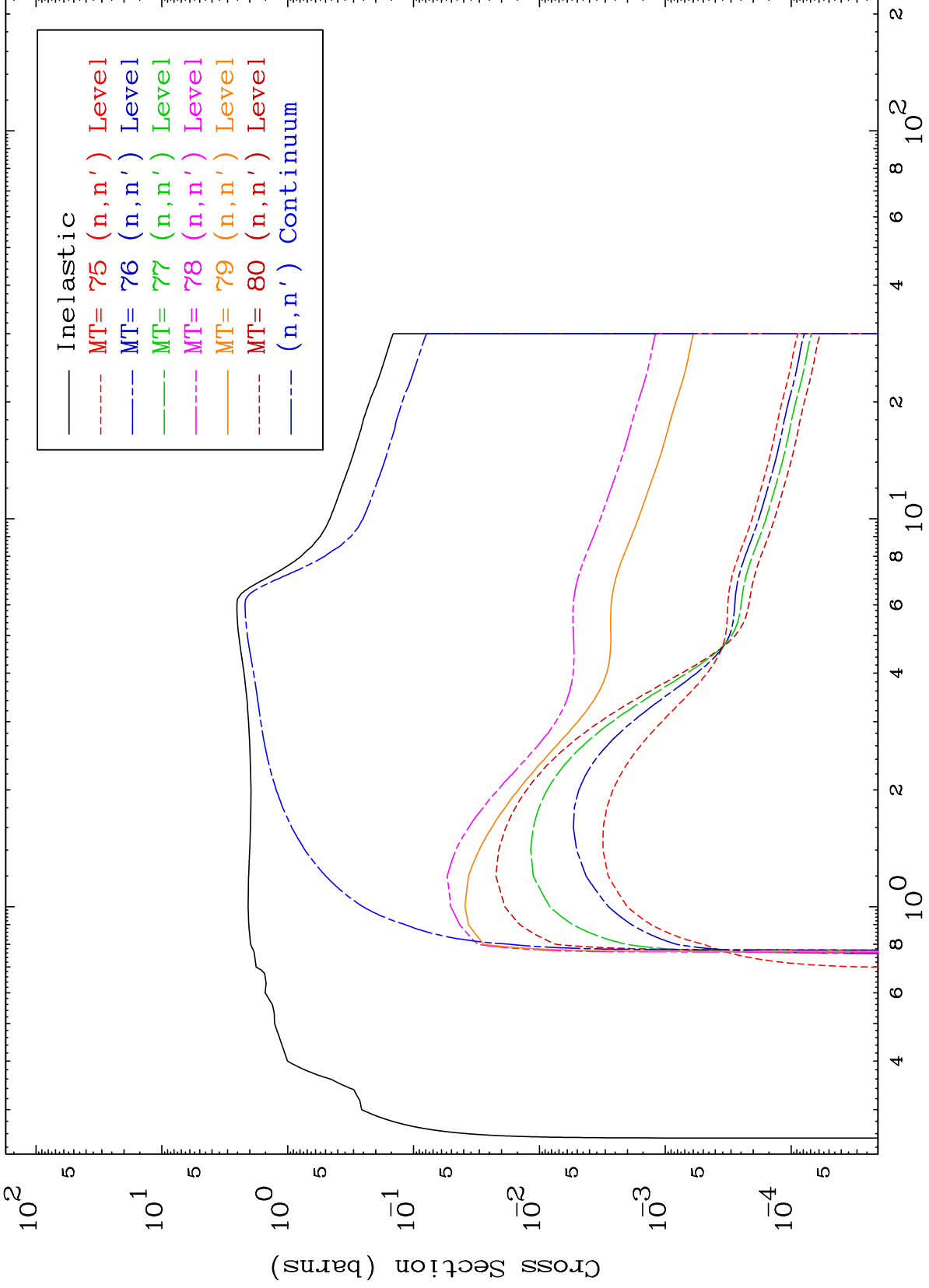


10

Incident Energy (MeV)

71-Lu-183

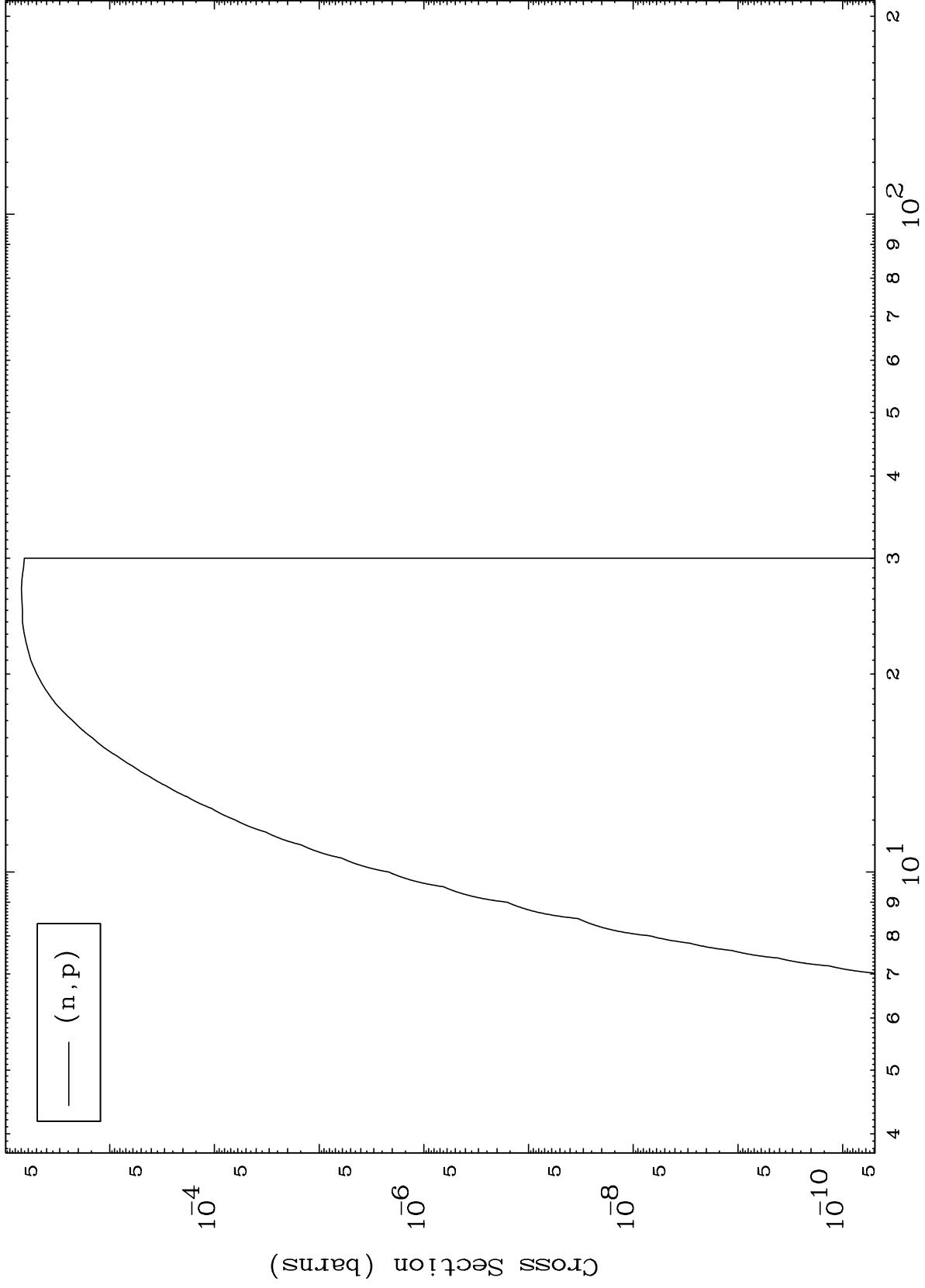
293 Kelvin Cross Sections



MAT 7149

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-183



(n,p)

12

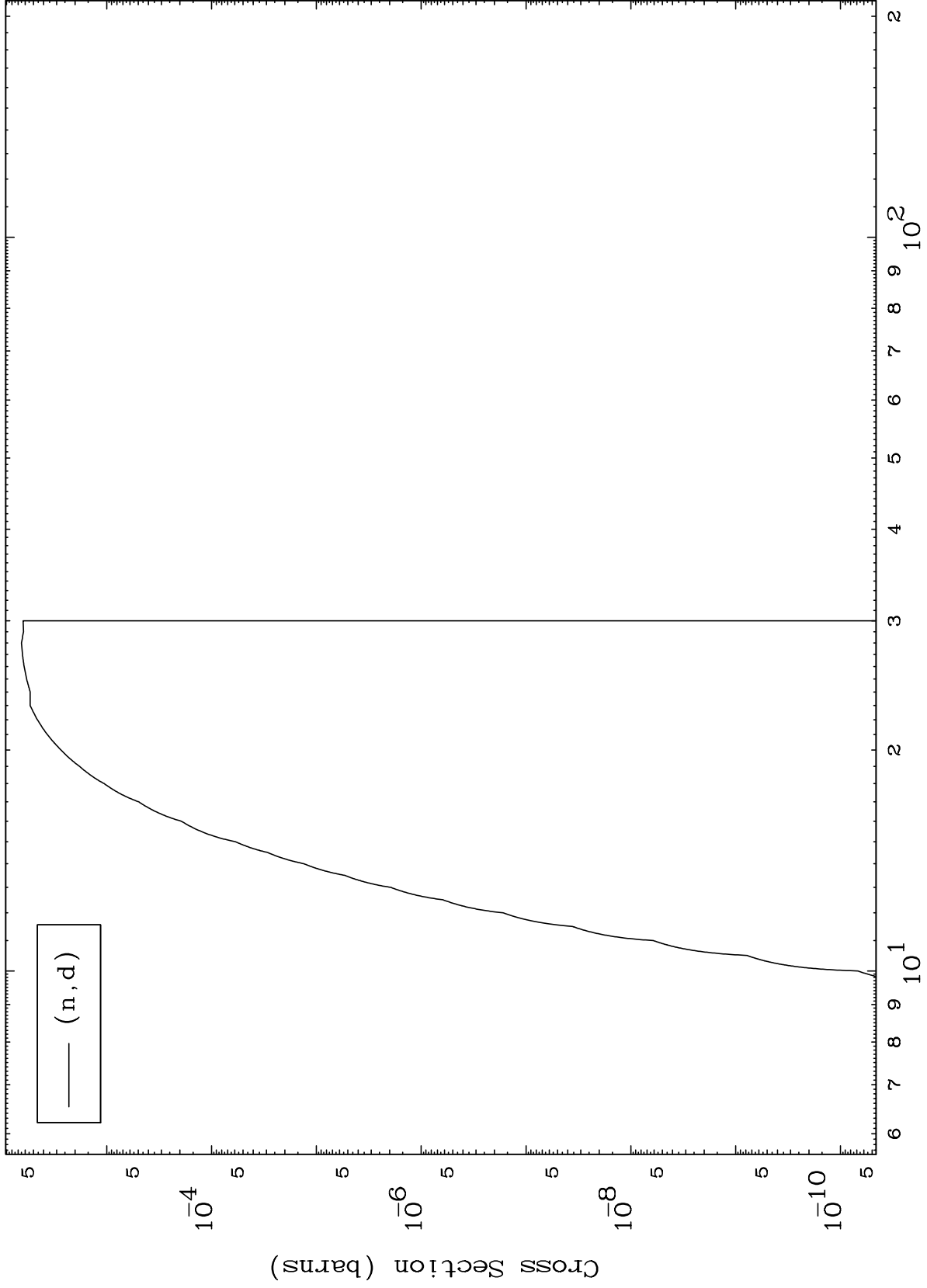
Incident Energy (MeV)

71-Lu-183

MAT 7149

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-183



13

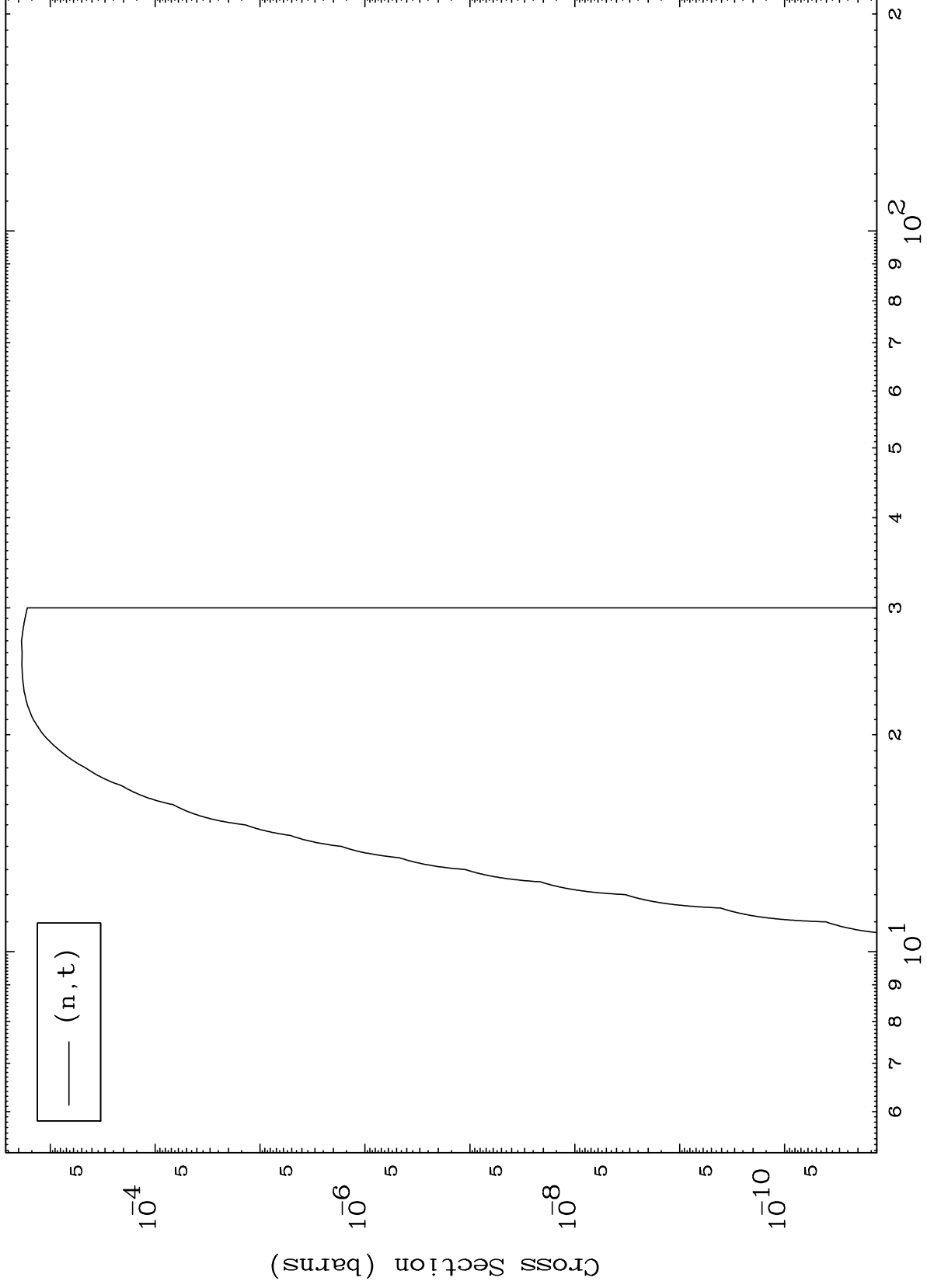
Incident Energy (MeV)

71-Lu-183

MAT 7149

(n, t) Levels
293 Kelvin Cross Sections

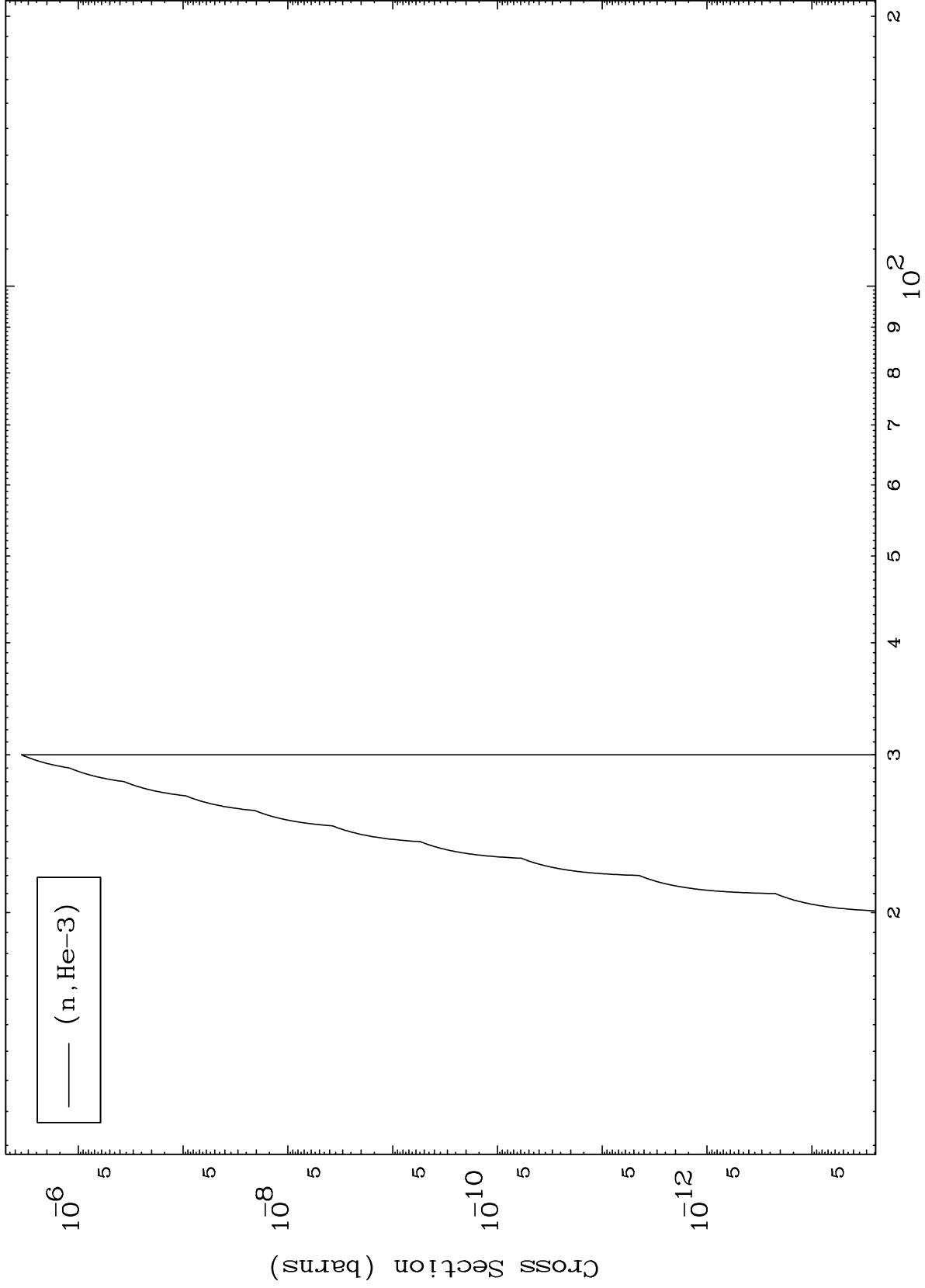
71-Lu-183



14

Incident Energy (MeV)

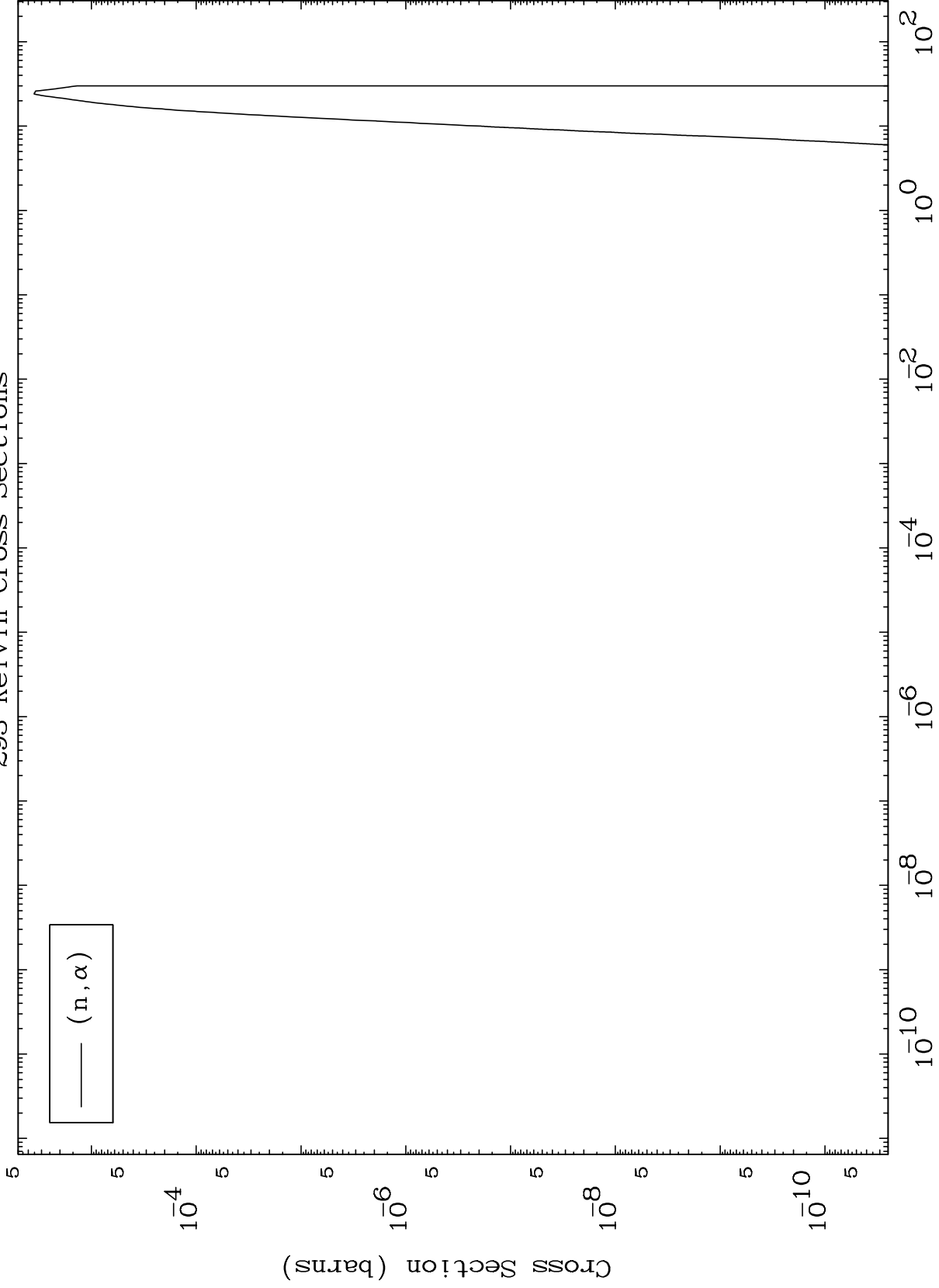
71-Lu-183



MAT 7149

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-183



16

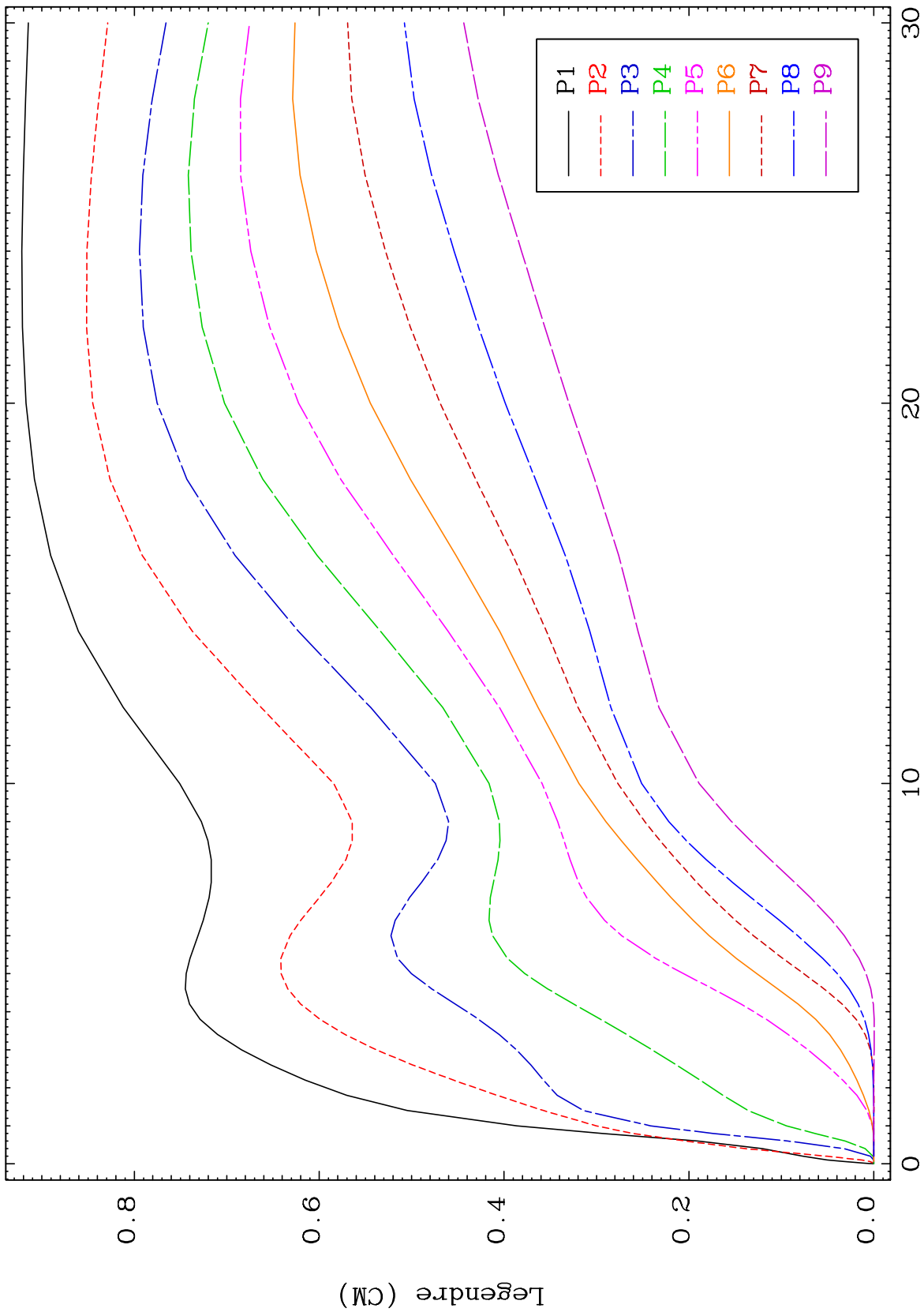
Incident Energy (MeV)

71-Lu-183

MAT 7149

71-Lu-183

Elastic Legendre Coefficients



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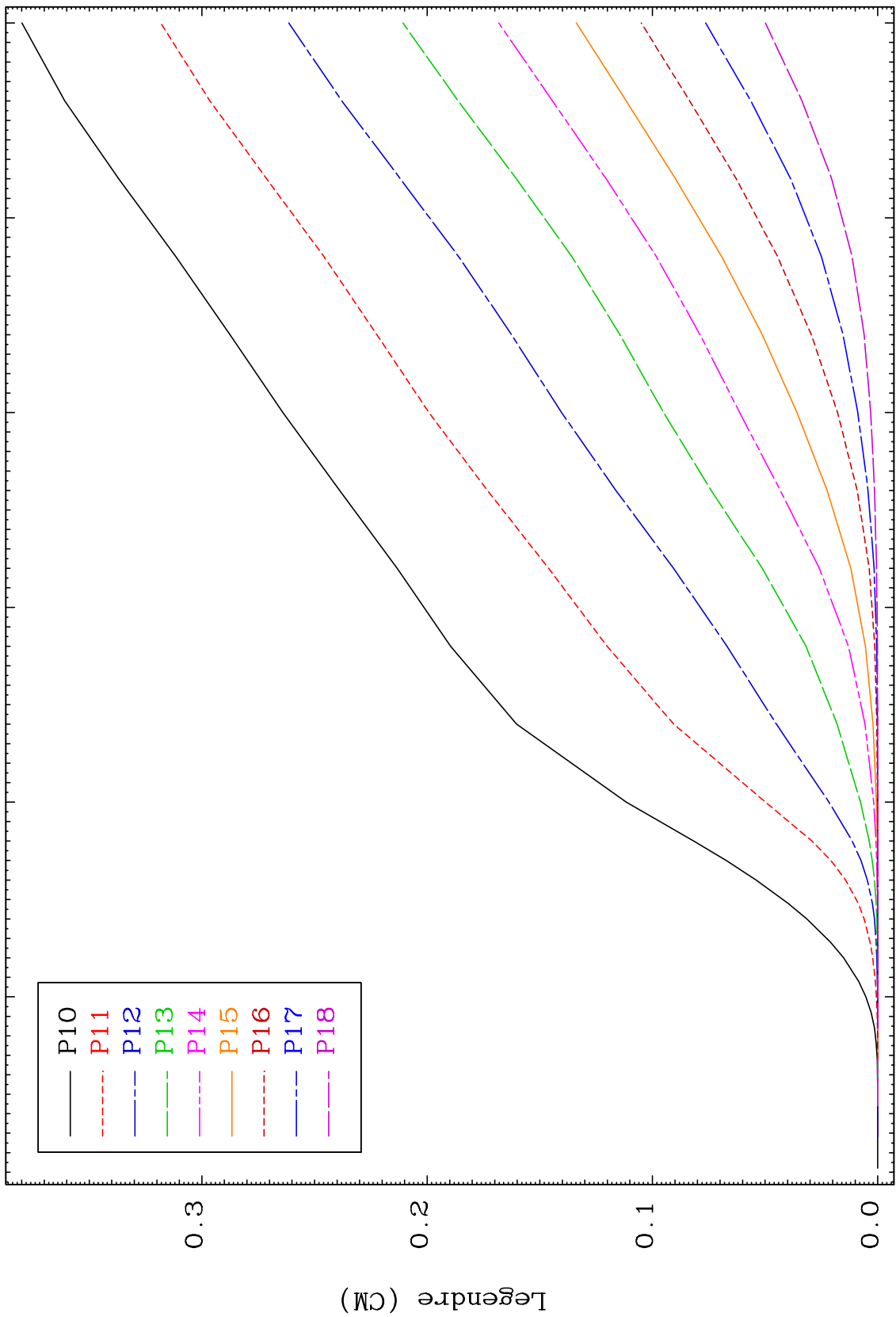
Incident Energy (MeV)

71-Lu-183

MAT 7149

Elastic Legendre Coefficients

⁷¹Lu-183

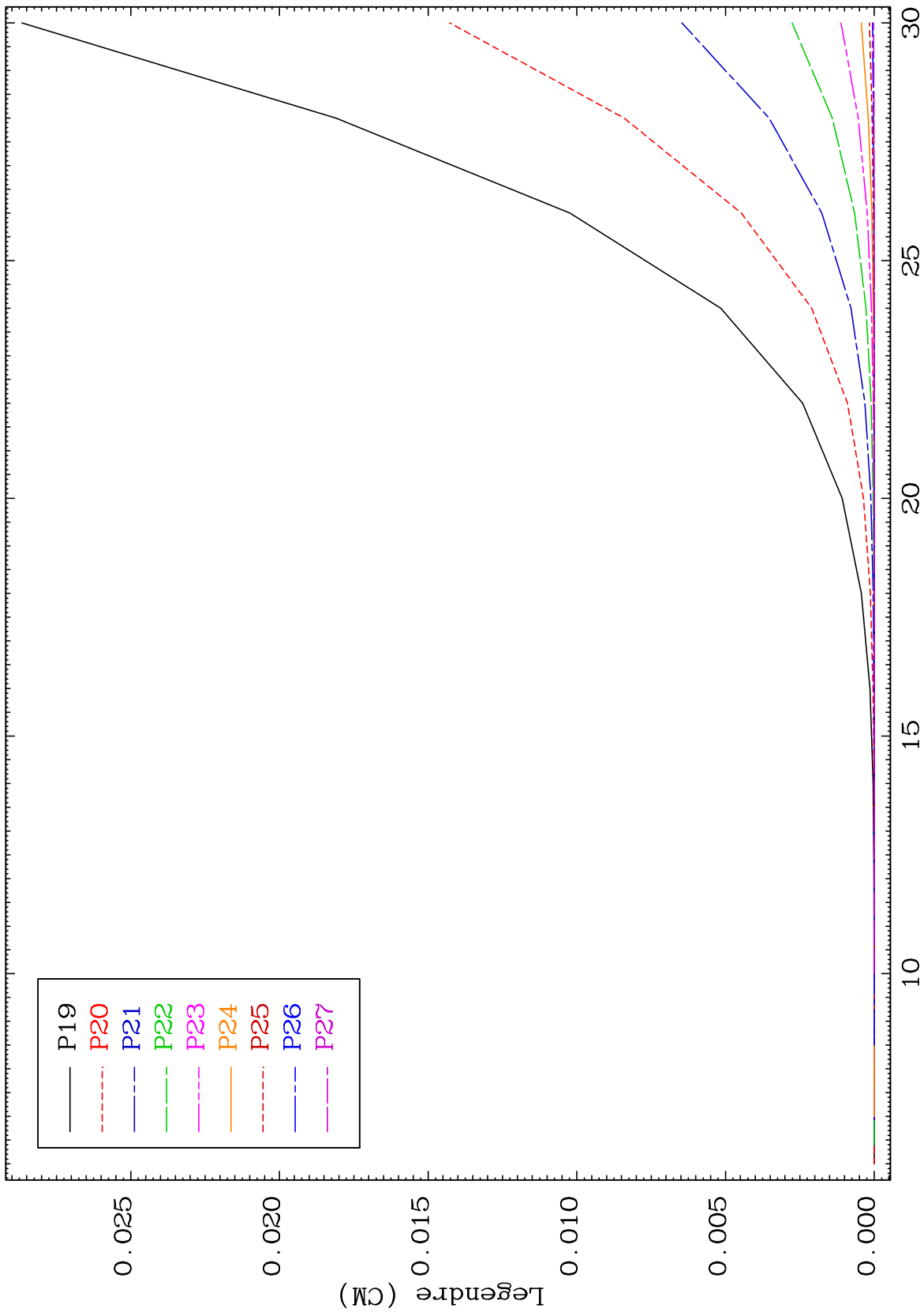


18

Incident Energy (MeV)

⁷¹Lu-183

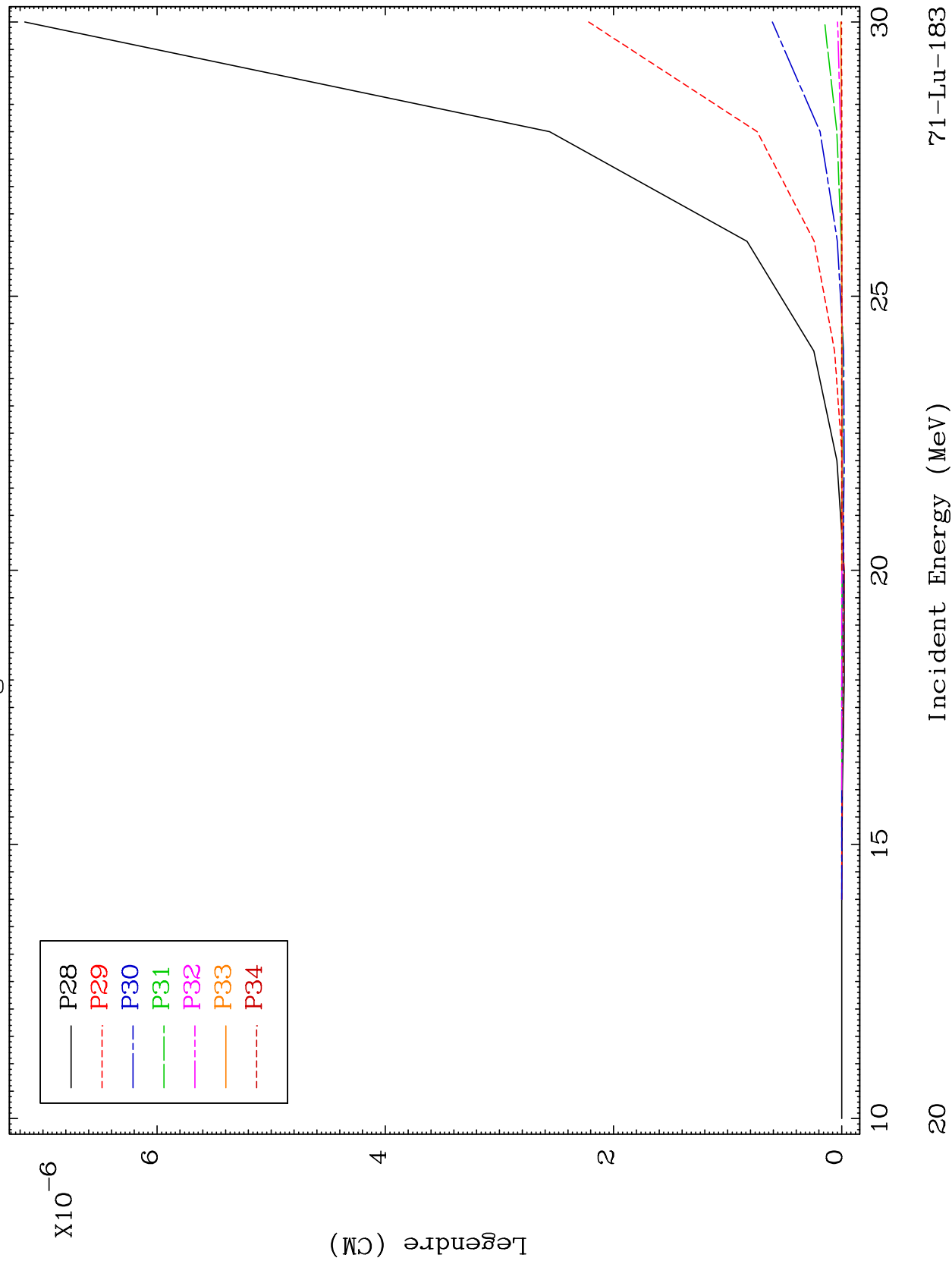
Elastic Legendre Coefficients



MAT 7149

Elastic
Legendre Coefficients

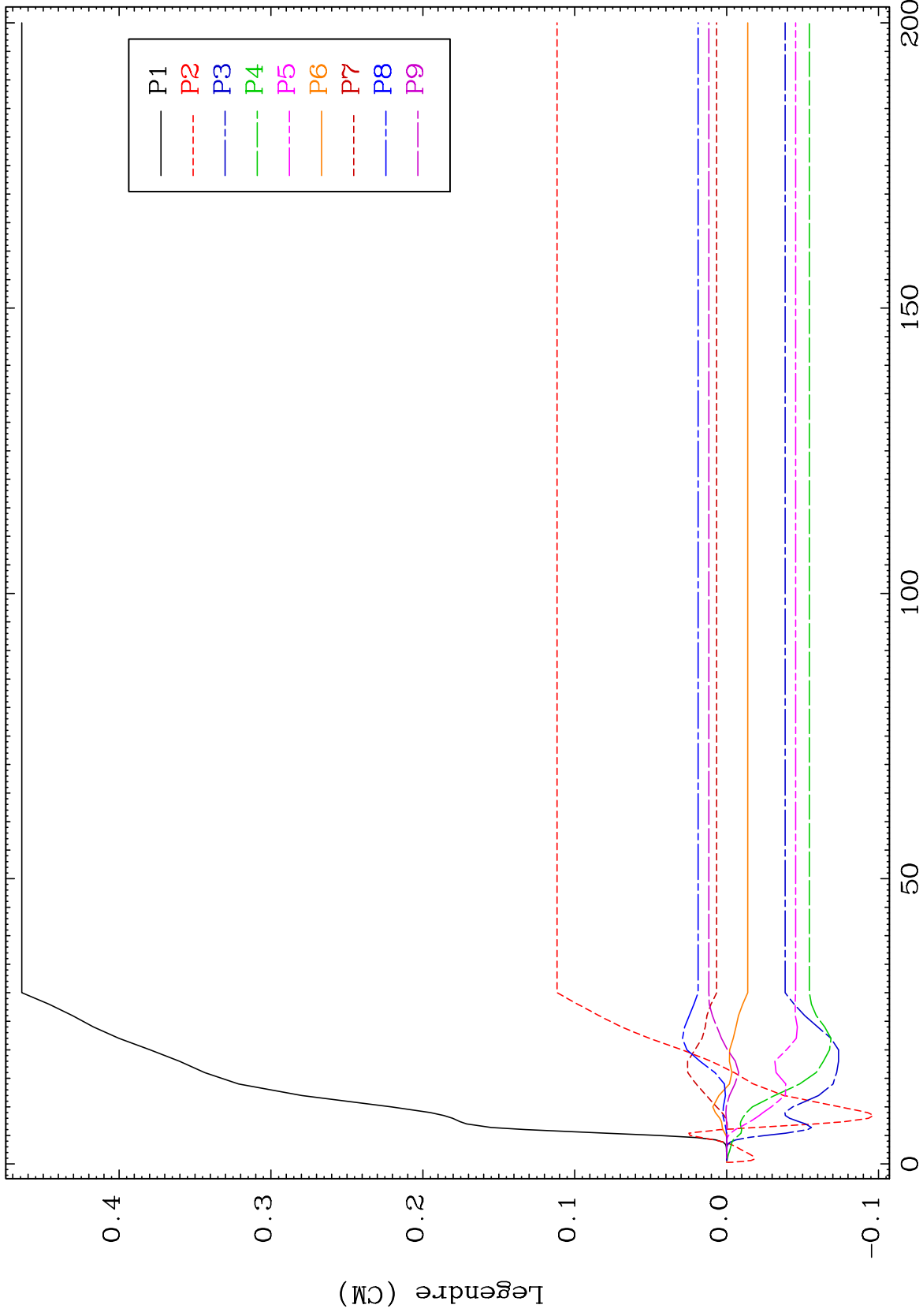
71-Lu-183



MAT 7149

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

71-Lu-183



21

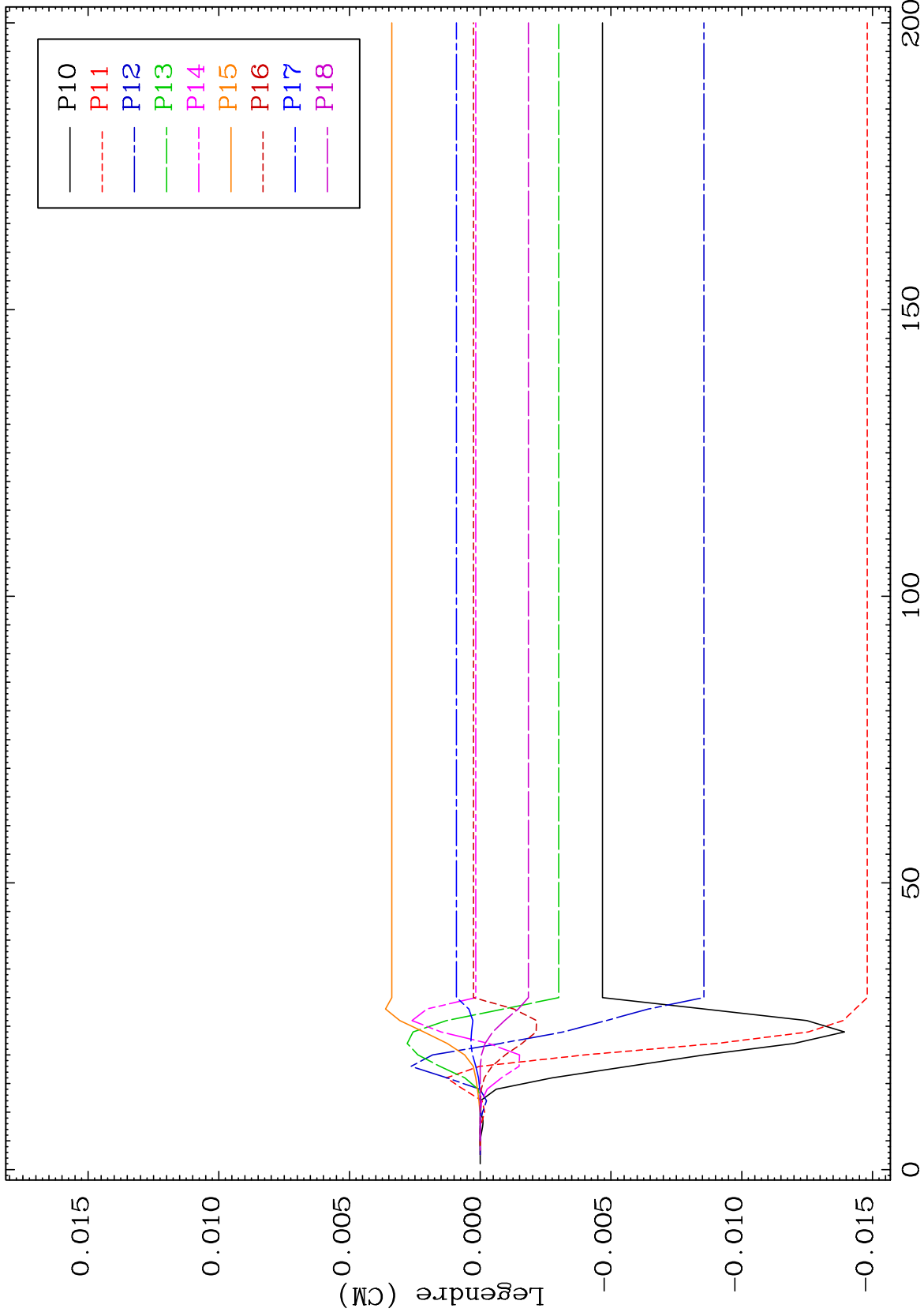
Incident Energy (MeV)

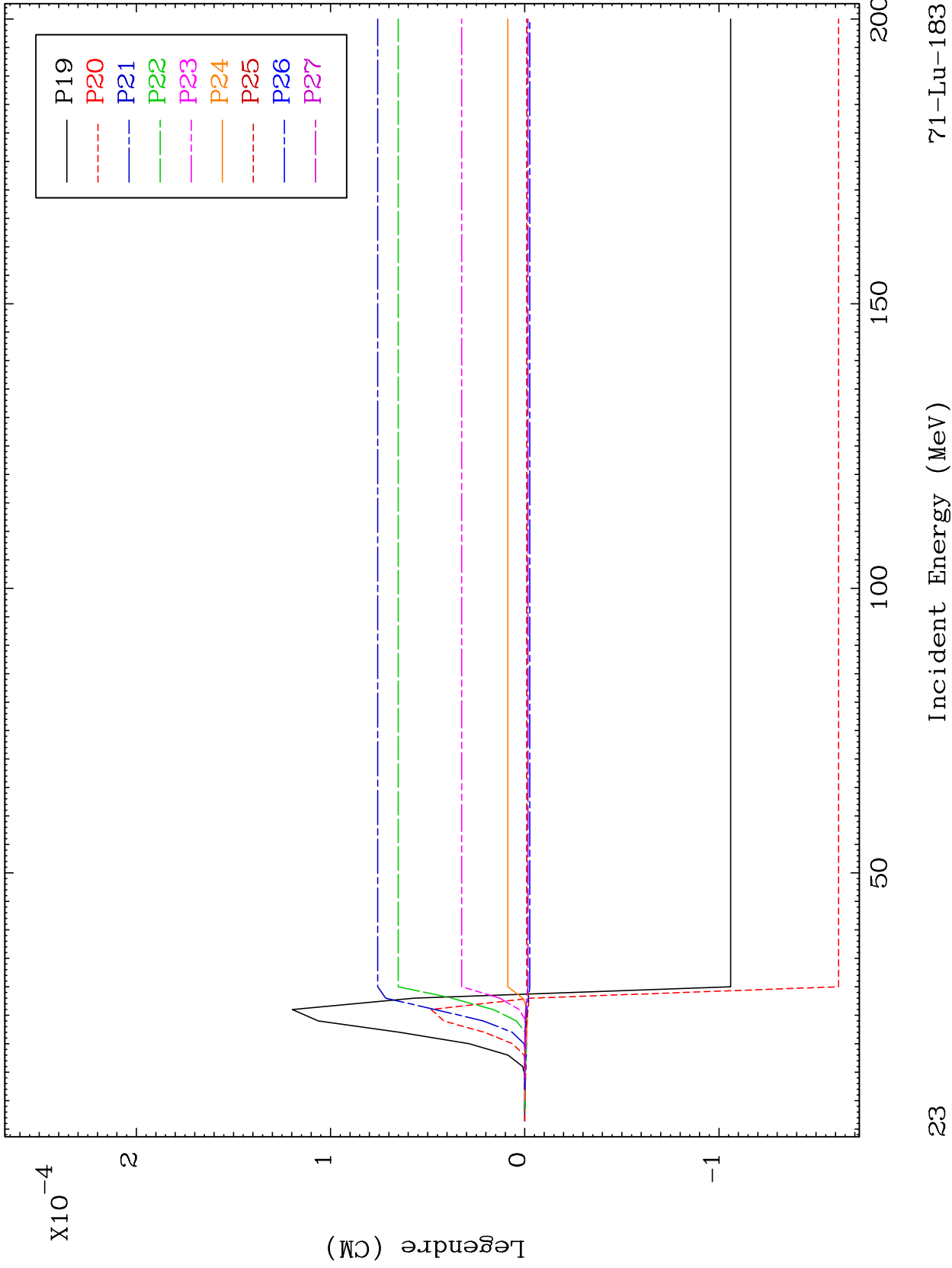
71-Lu-183

MAT 7149

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

71-Lu-183

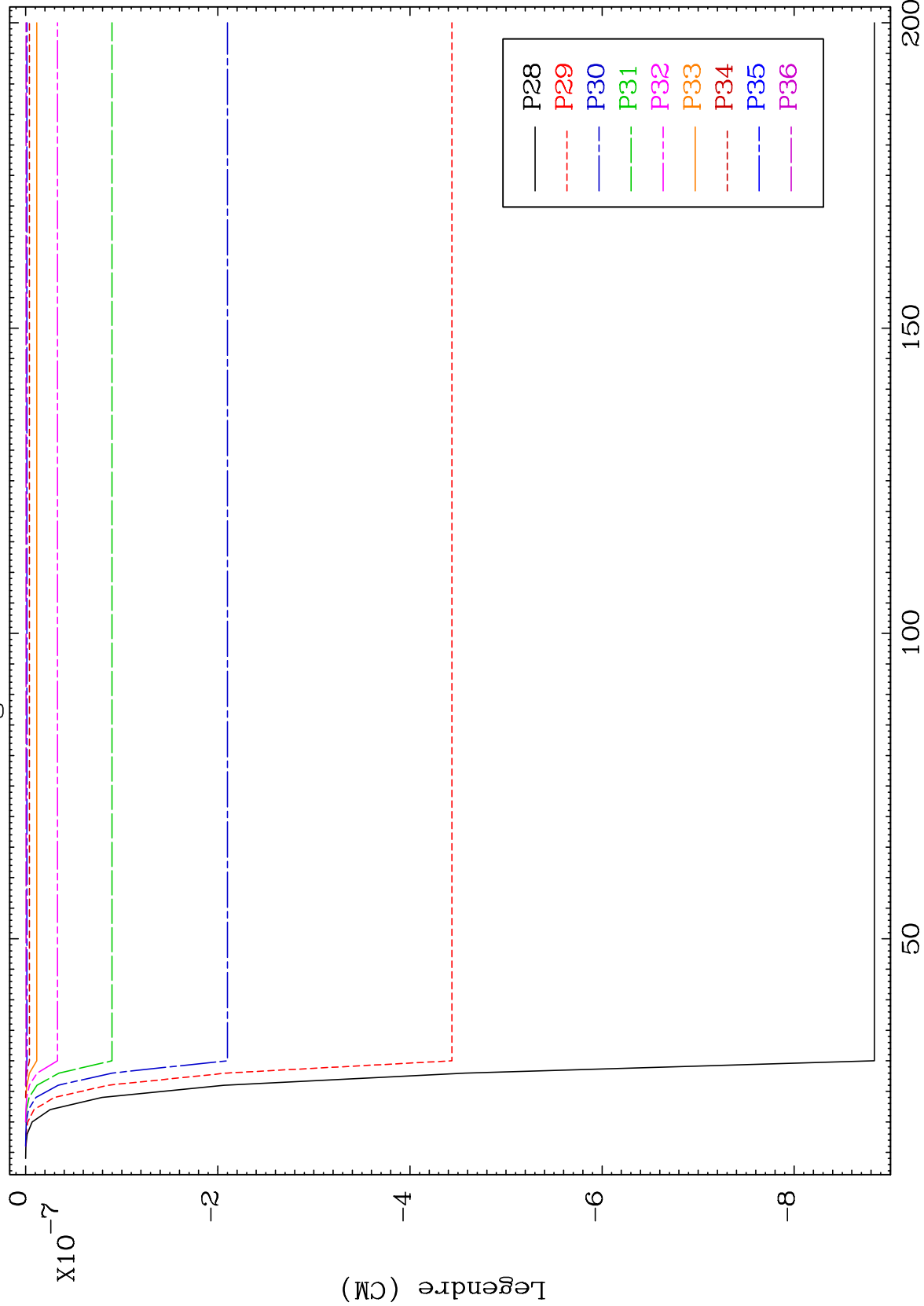




MAT 7149

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

71-Lu-183



71-Lu-183

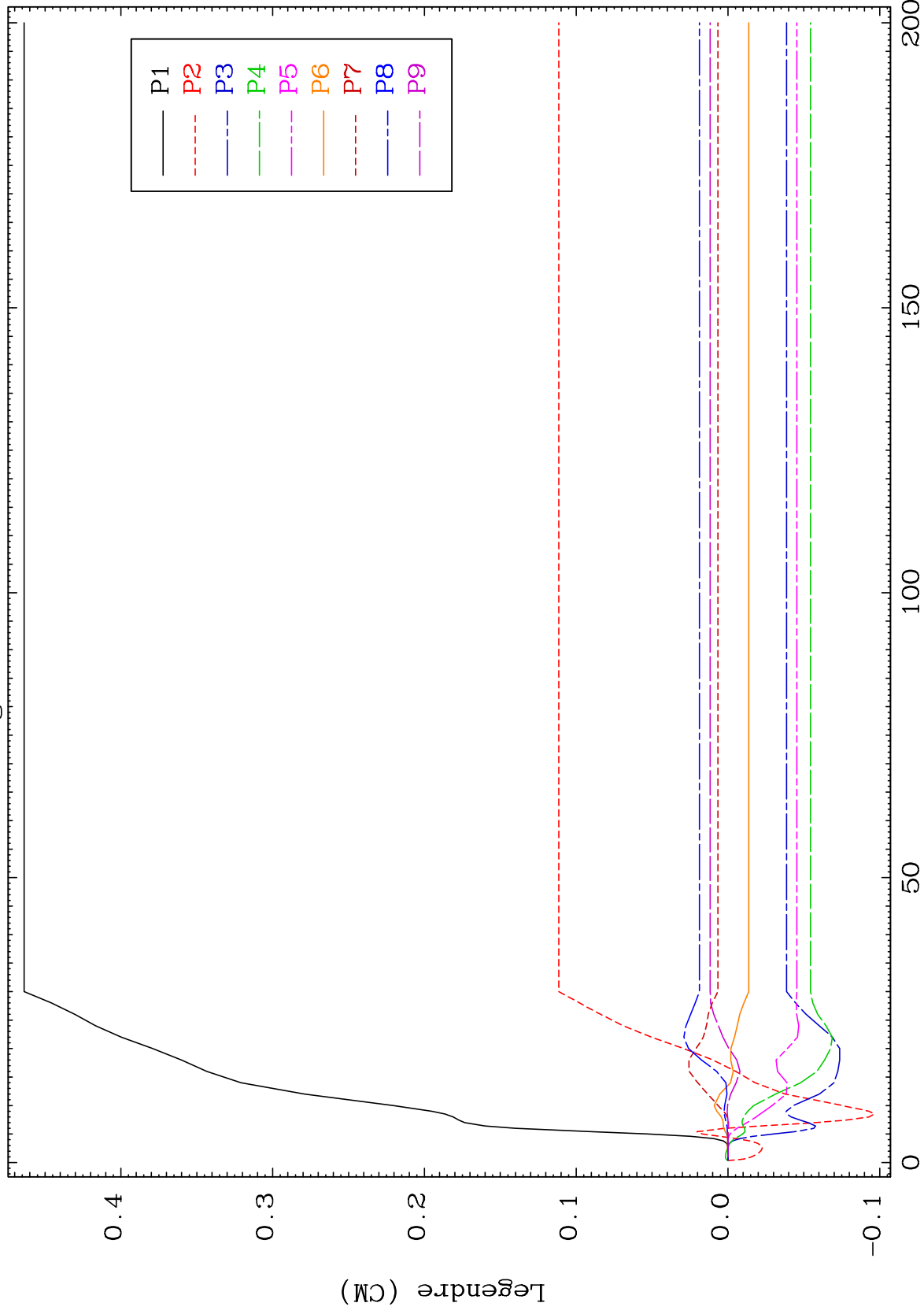
Incident Energy (MeV)

24

MAT 7149

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

71-Lu-183



71-Lu-183

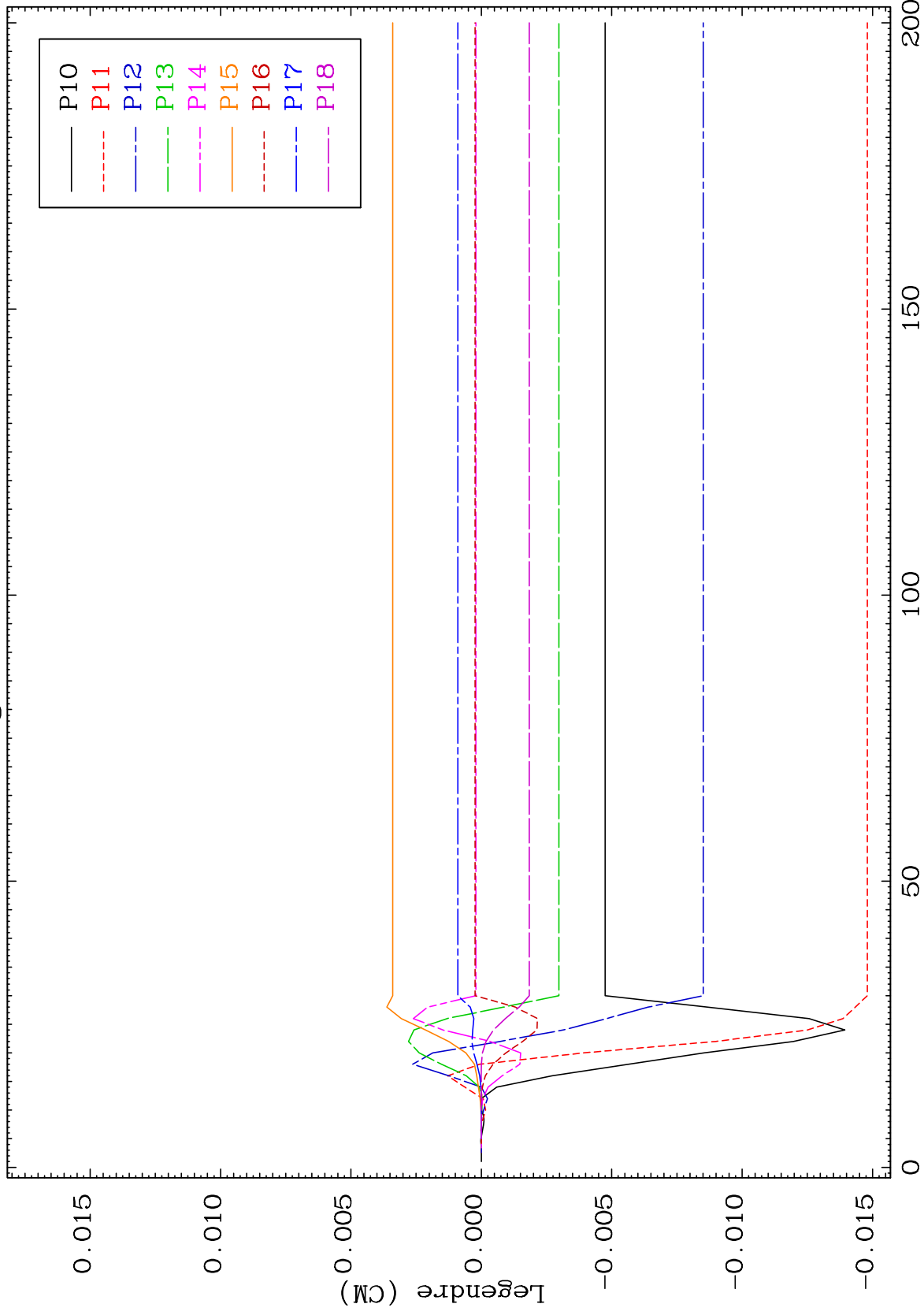
Incident Energy (MeV)

25

MAT 7149

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

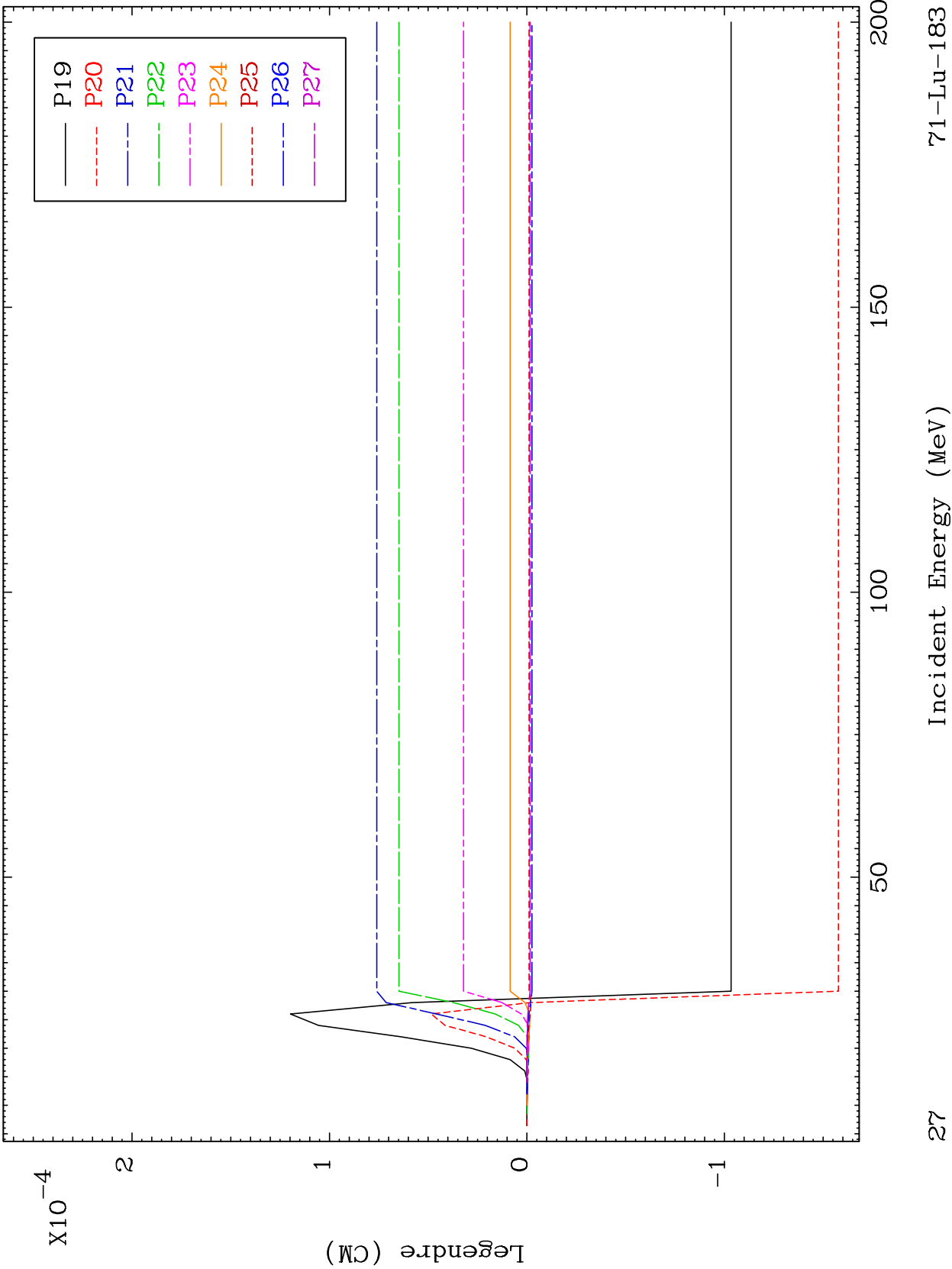
71-Lu-183



26

Incident Energy (MeV)

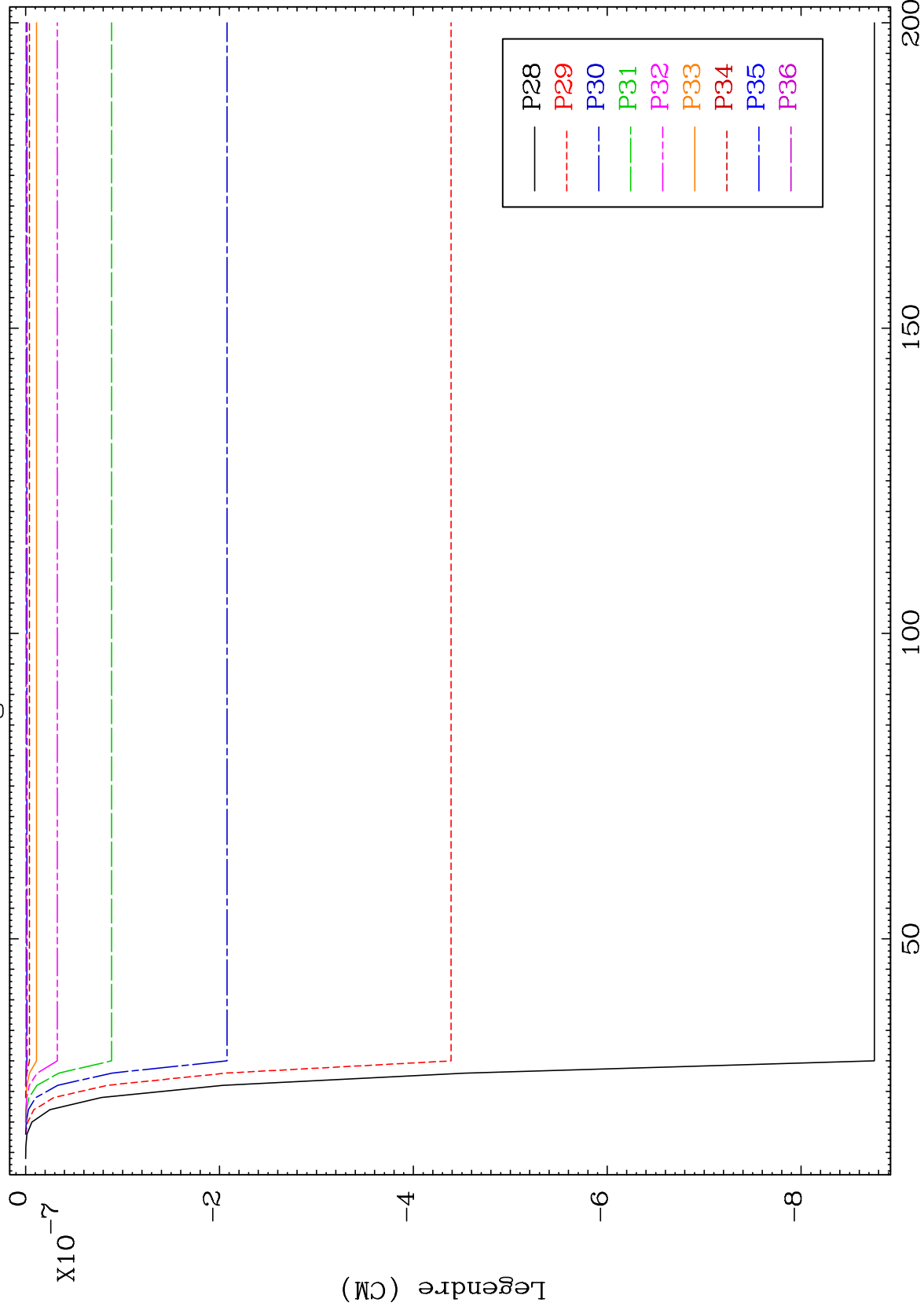
71-Lu-183



MAT 7149

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

71-Lu-183



28

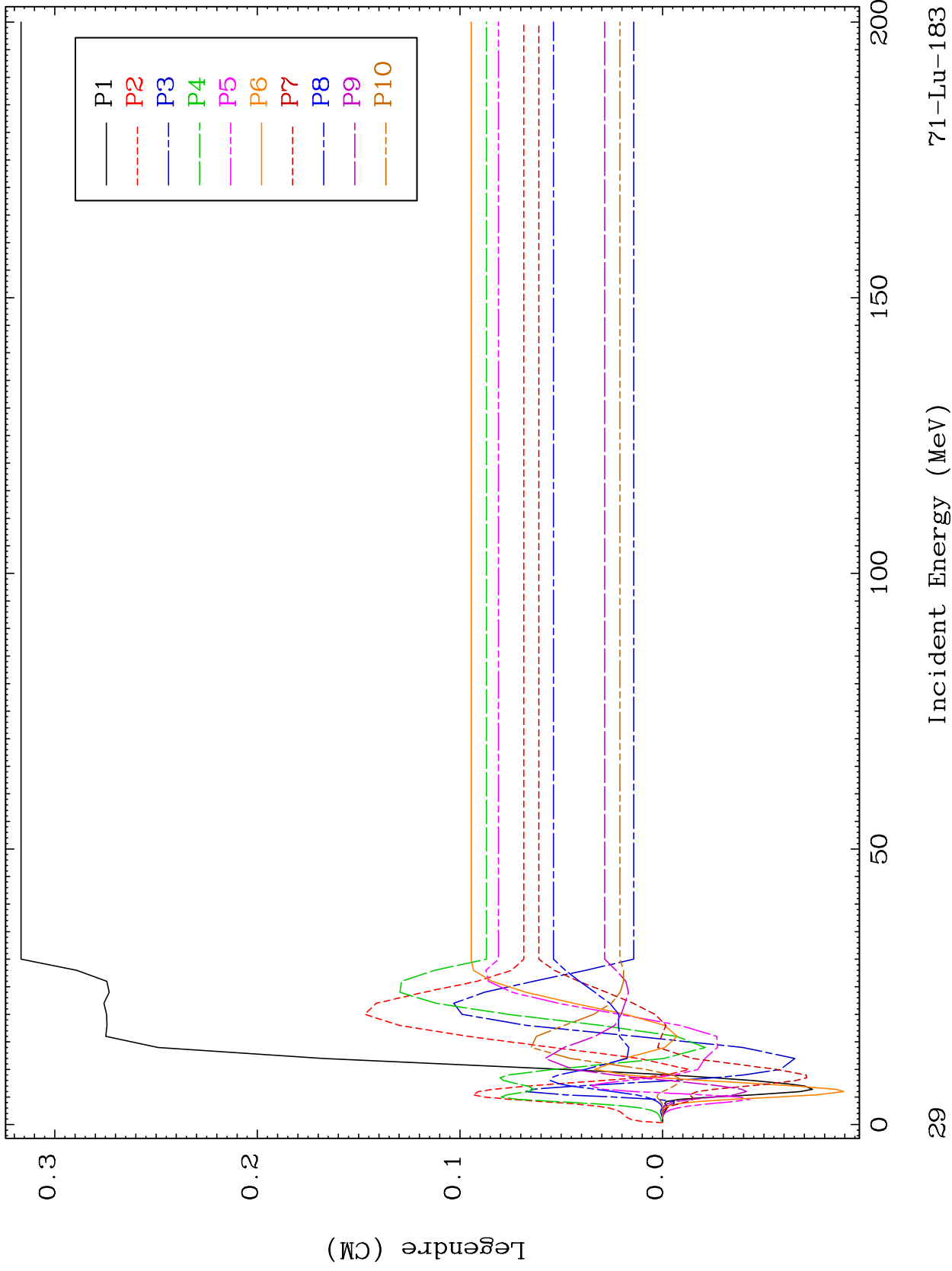
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

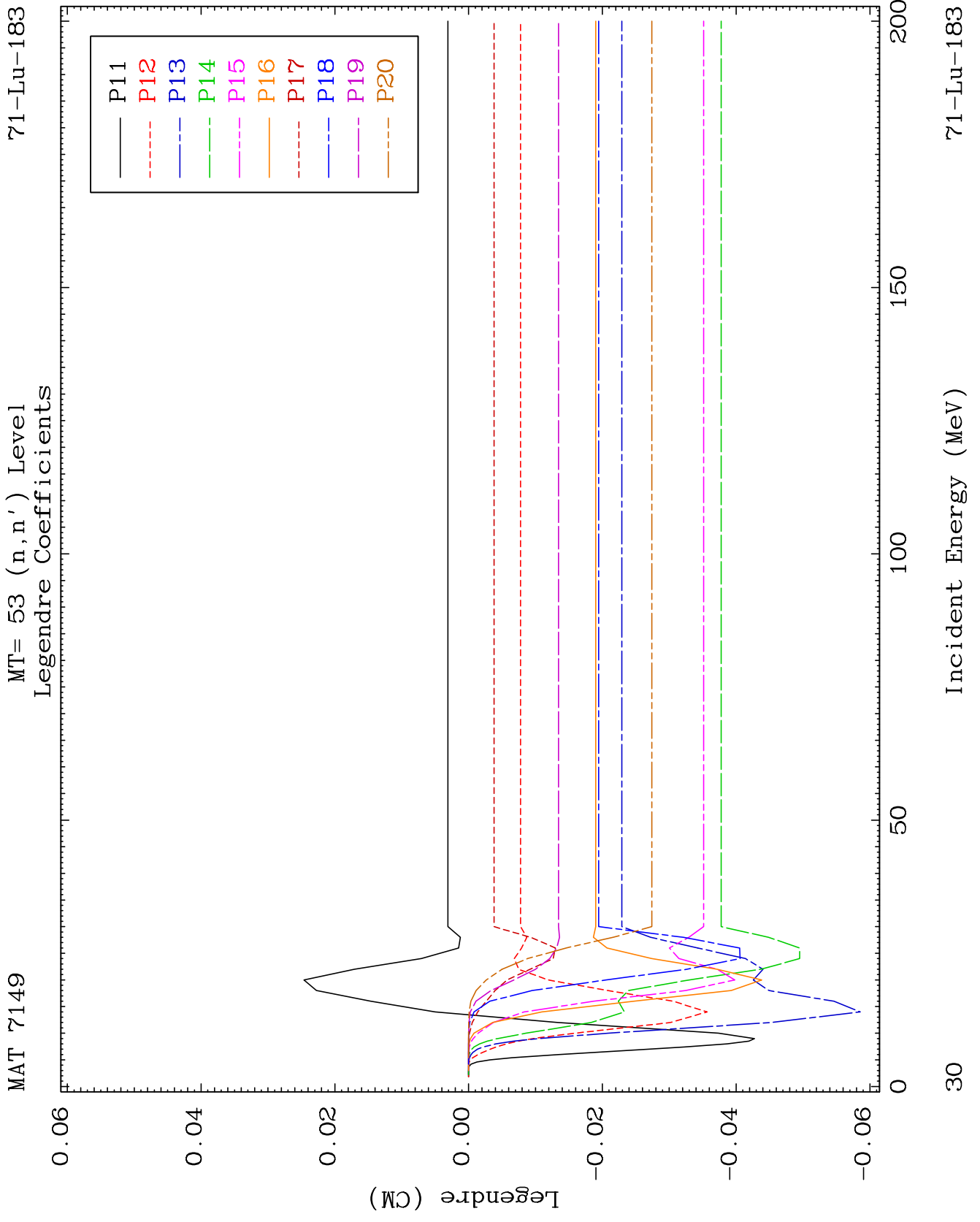
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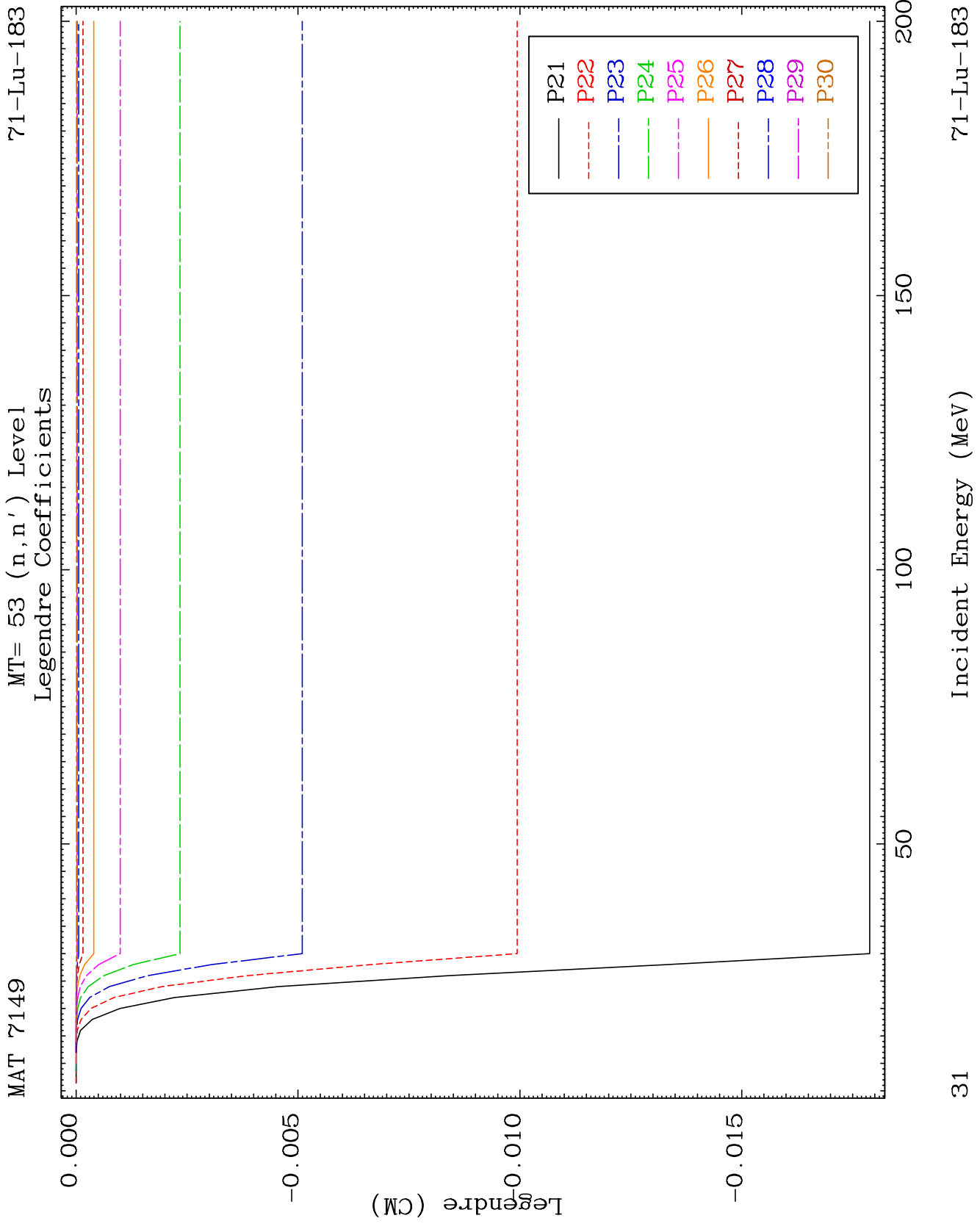


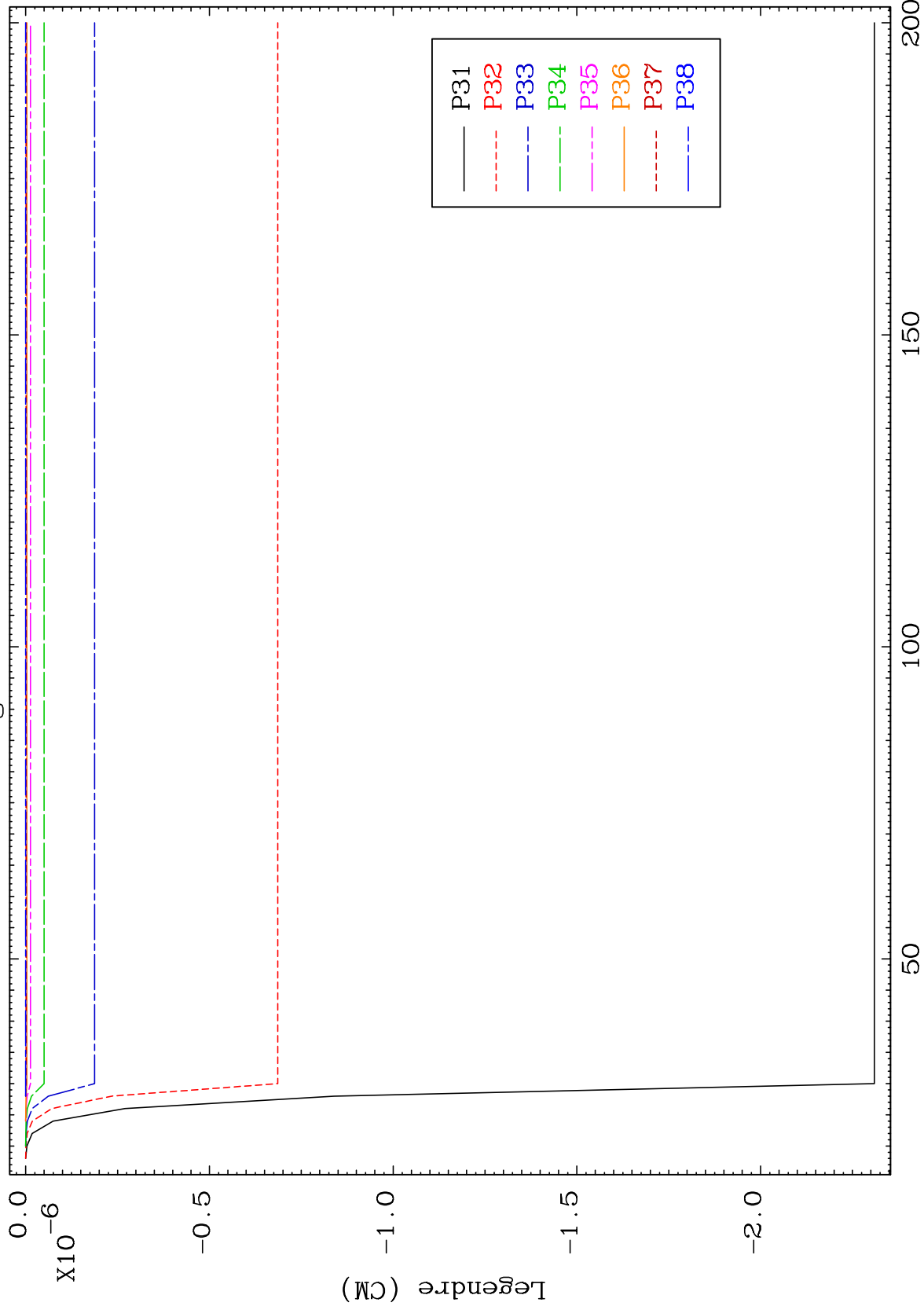
71-Lu-183

Incident Energy (MeV)

29



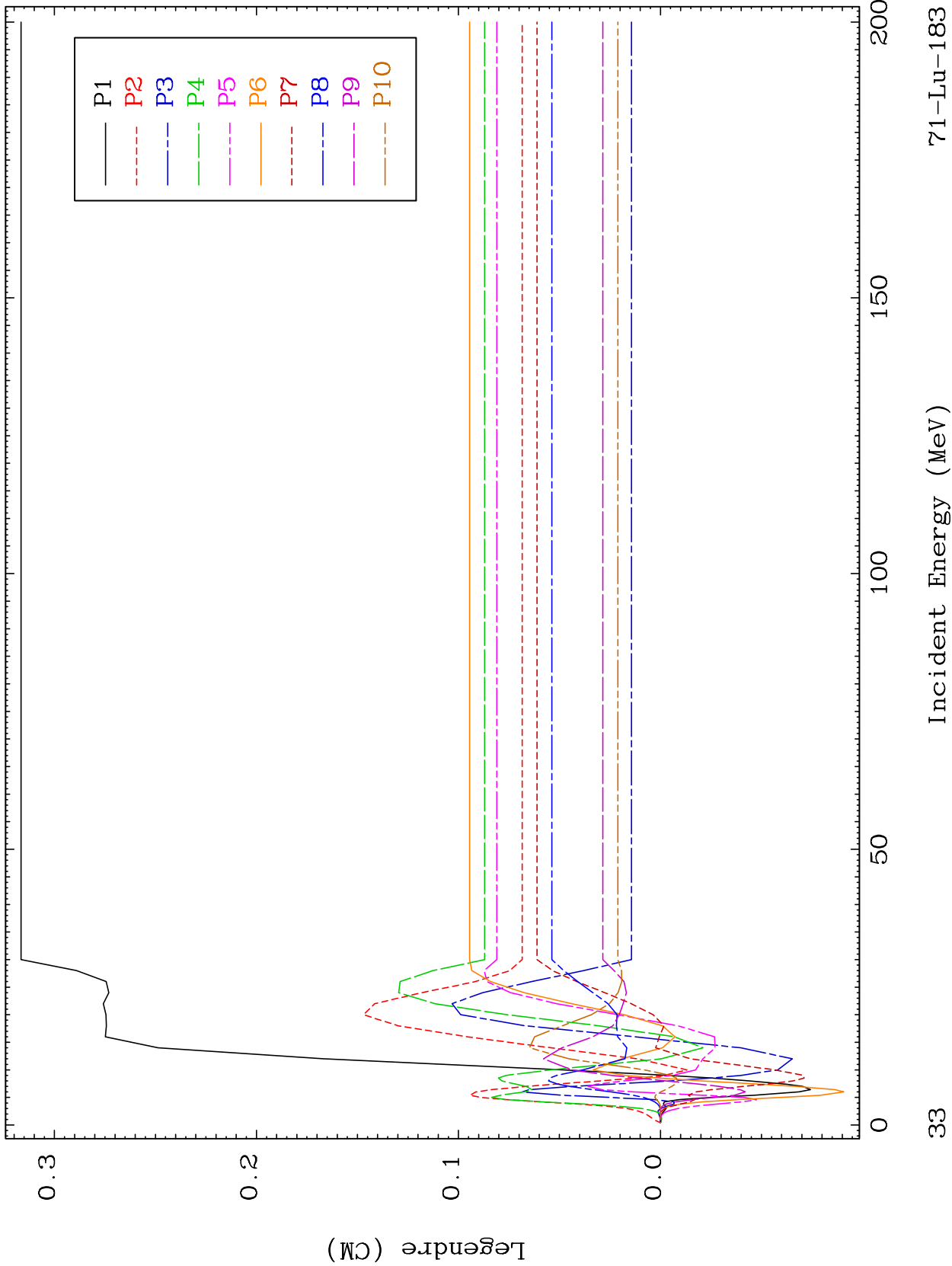




MAT 7149

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

71-Lu-183



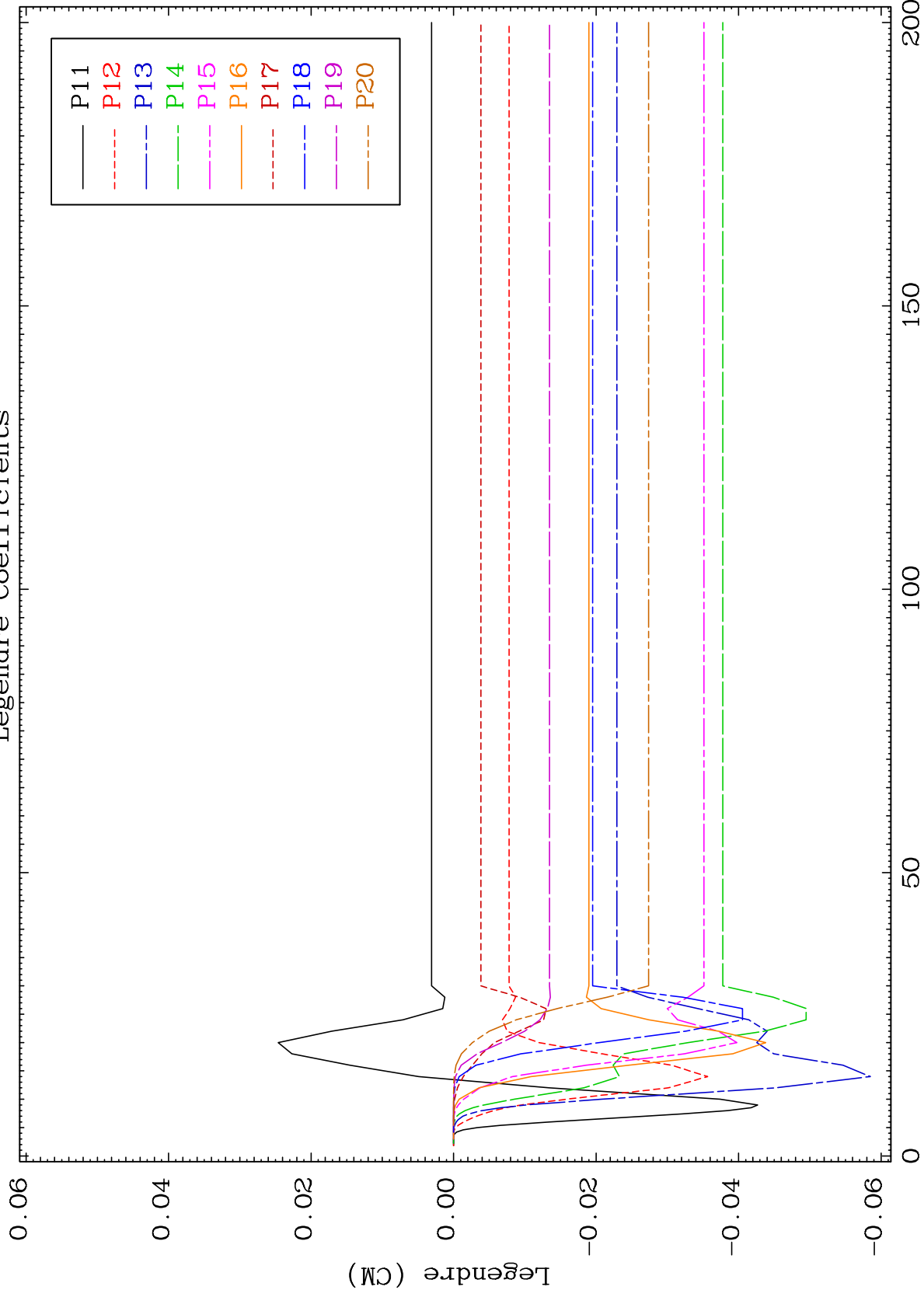
33

71-Lu-183

MAT 7149

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

71-Lu-183



34

Incident Energy (MeV)

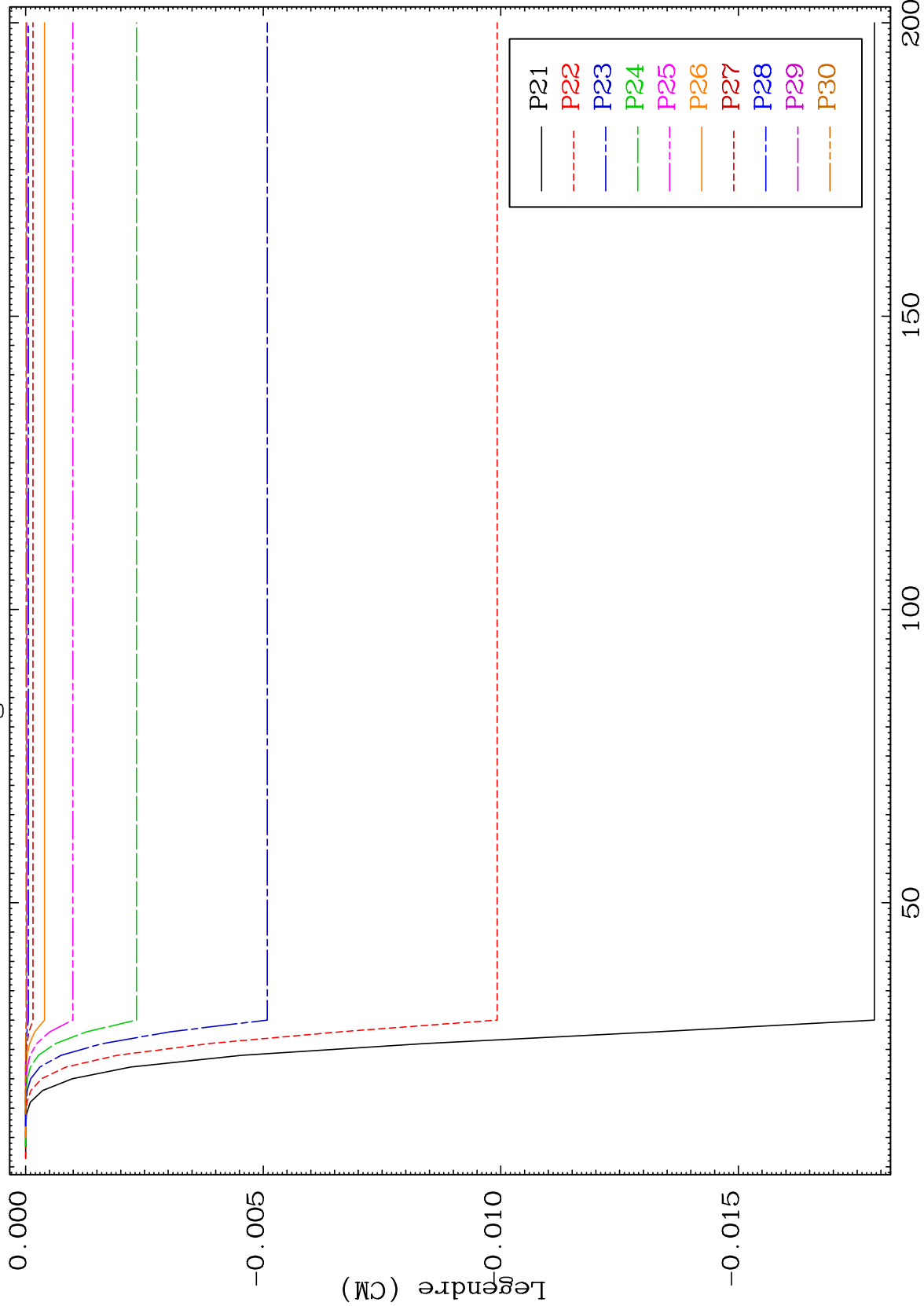
71-Lu-183

MAT 7149

MT= 54 (n,n') Level

71-Lu-183

Legendre Coefficients

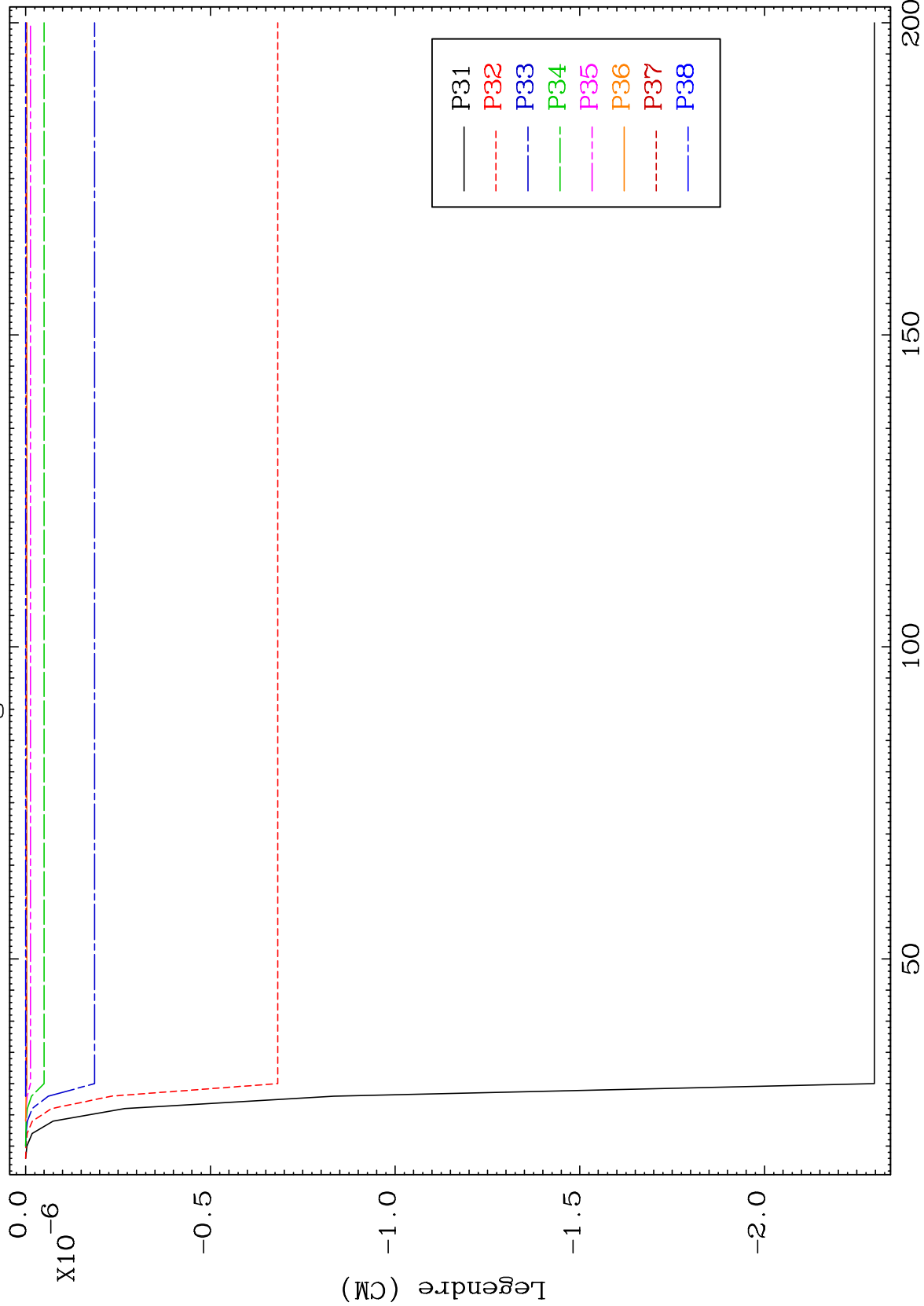


35

Incident Energy (MeV)

71-Lu-183

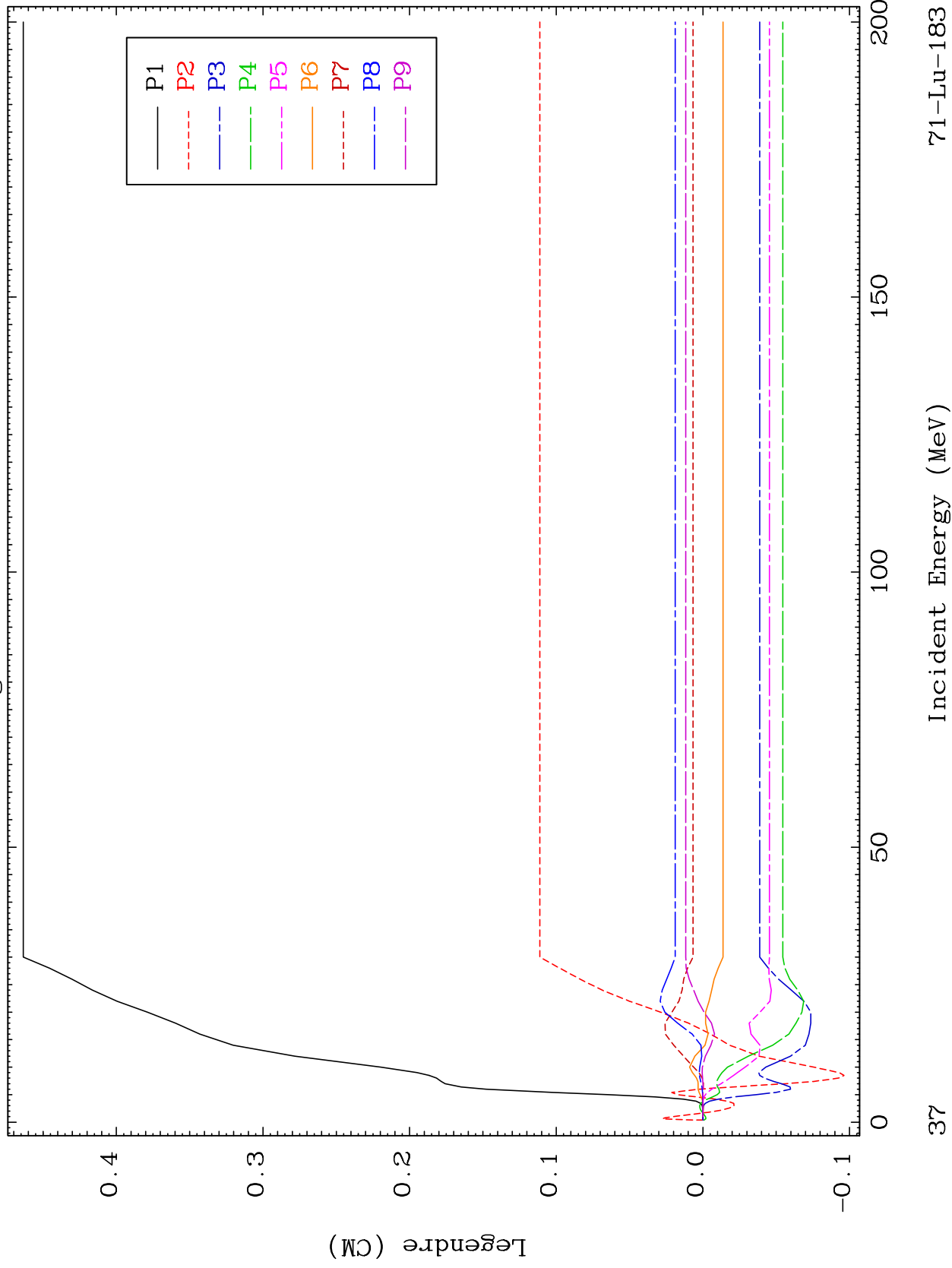
Legendre Coefficients



MAT 7149

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

71-Lu-183



71-Lu-183

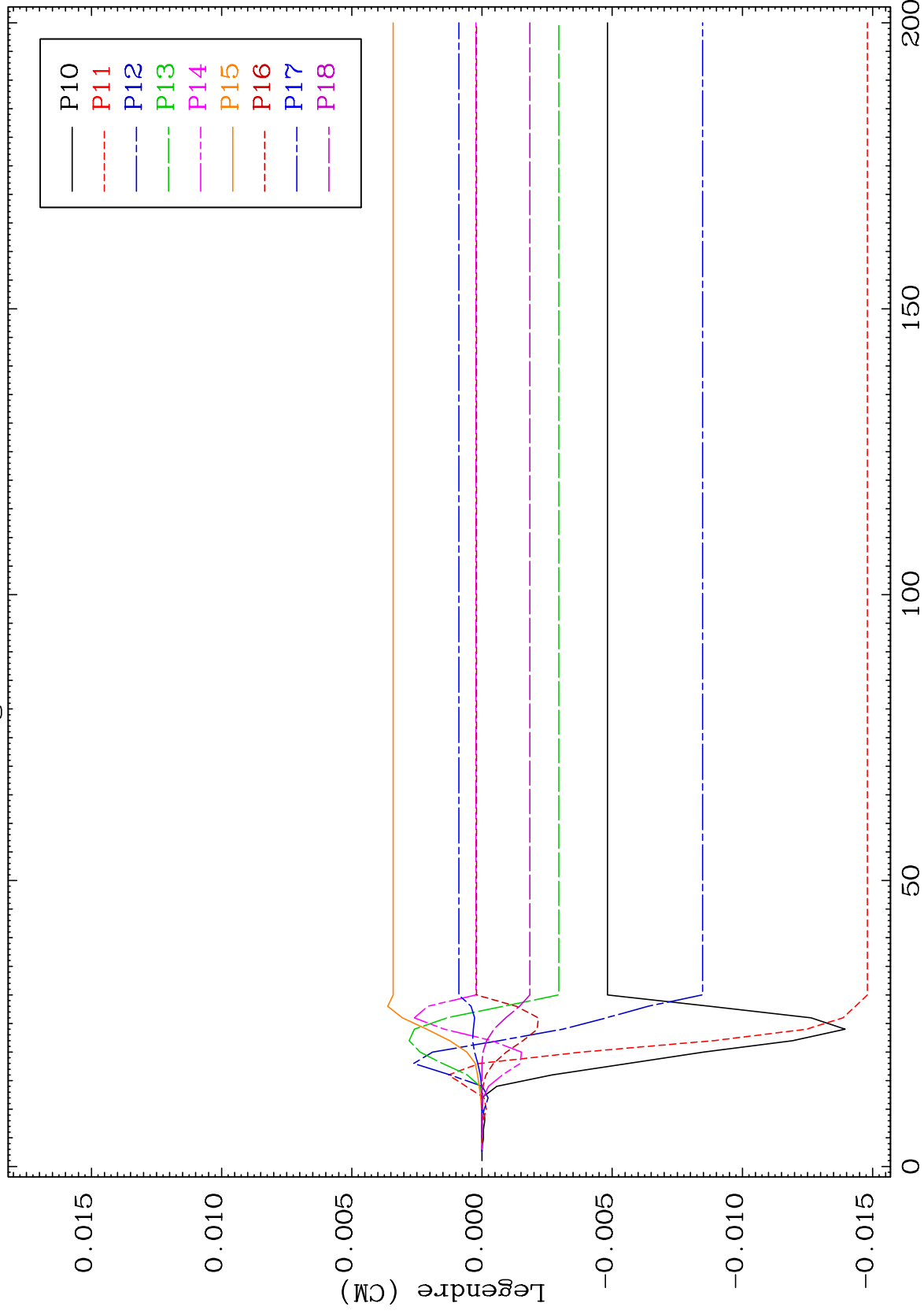
Incident Energy (MeV)

37

MAT 7149

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

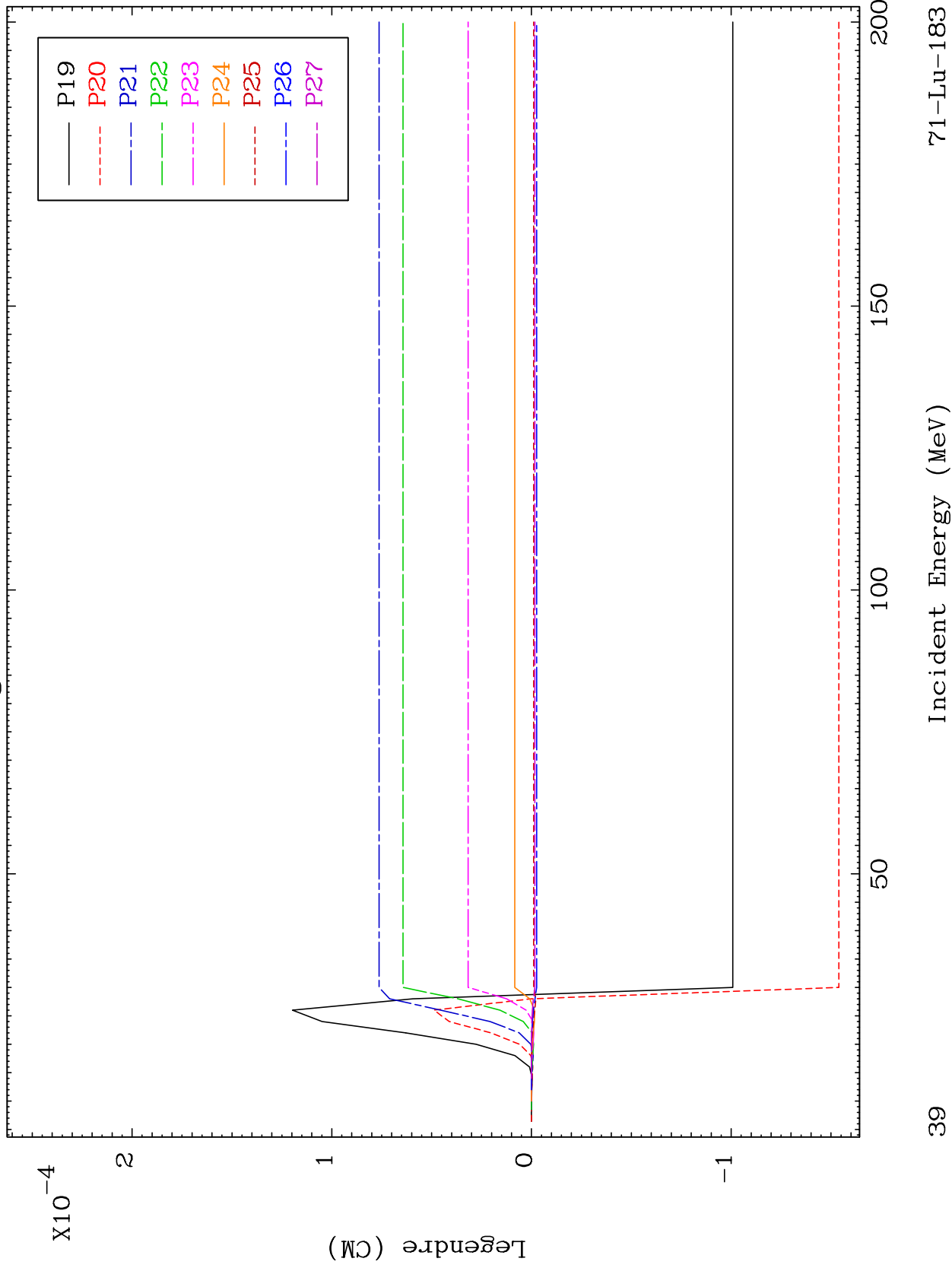
71-Lu-183



38

Incident Energy (MeV)

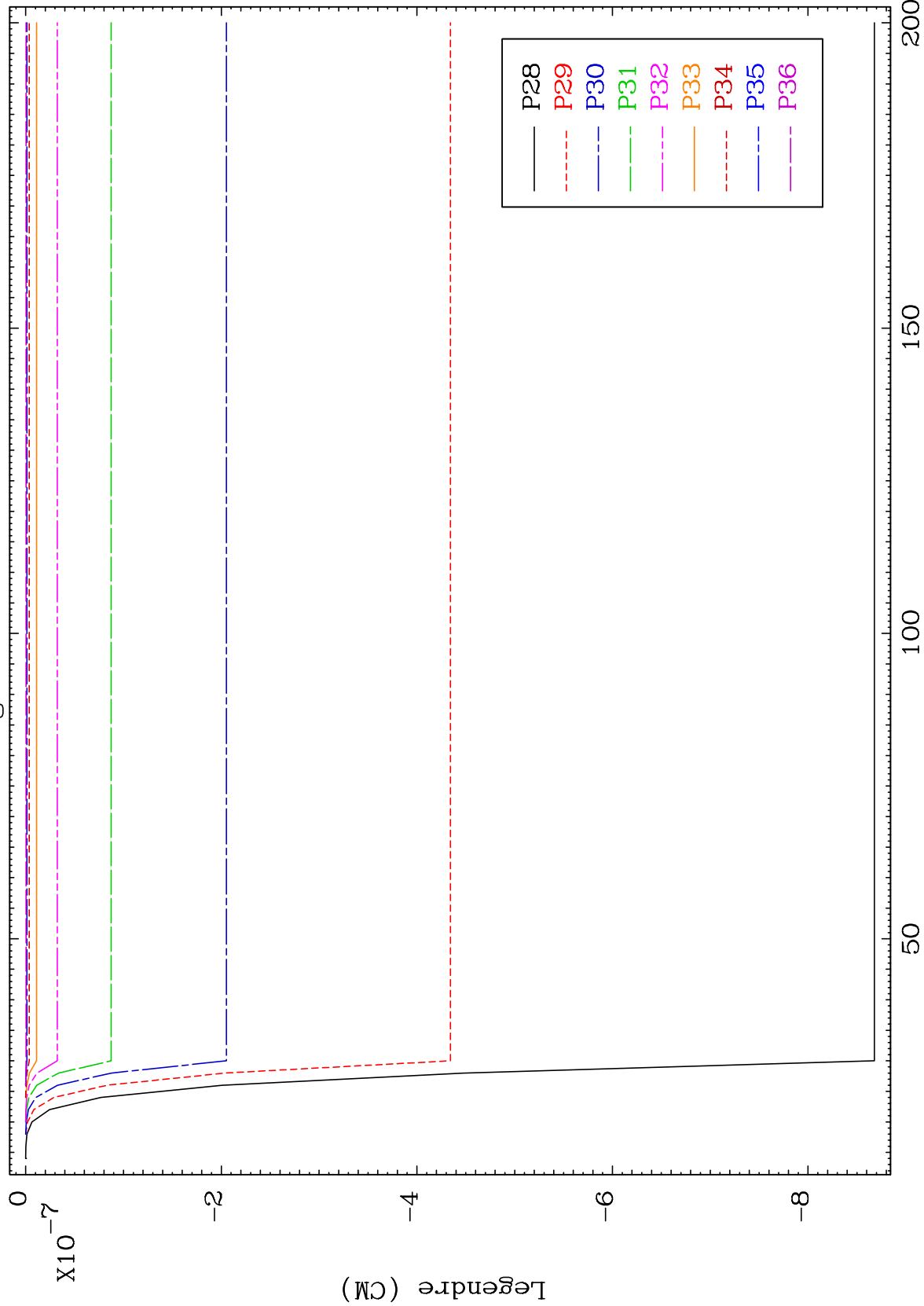
71-Lu-183



MAT 7149

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

71-Lu-183



71-Lu-183

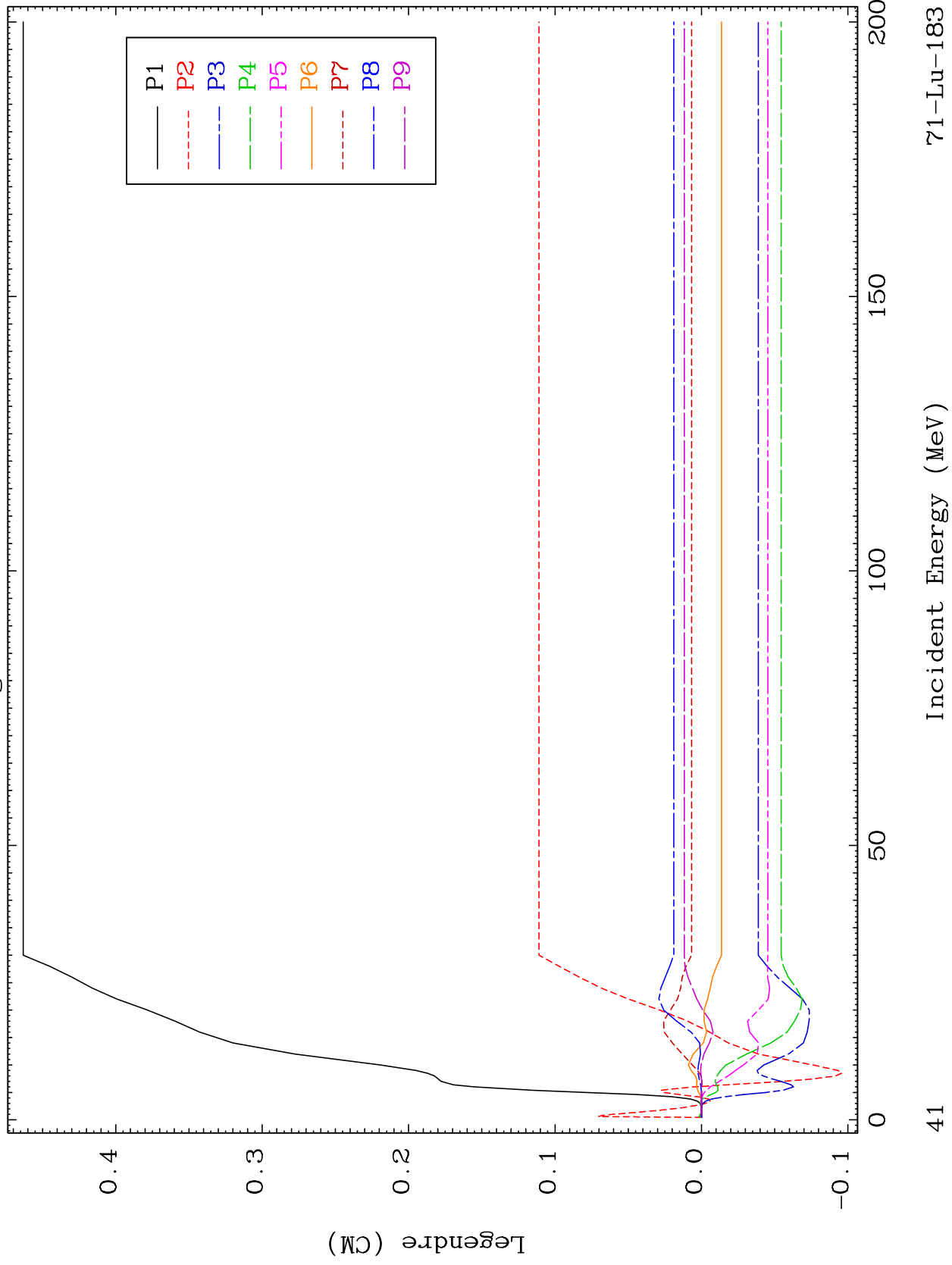
Incident Energy (MeV)

40

MAT 7149

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

71-Lu-183



71-Lu-183

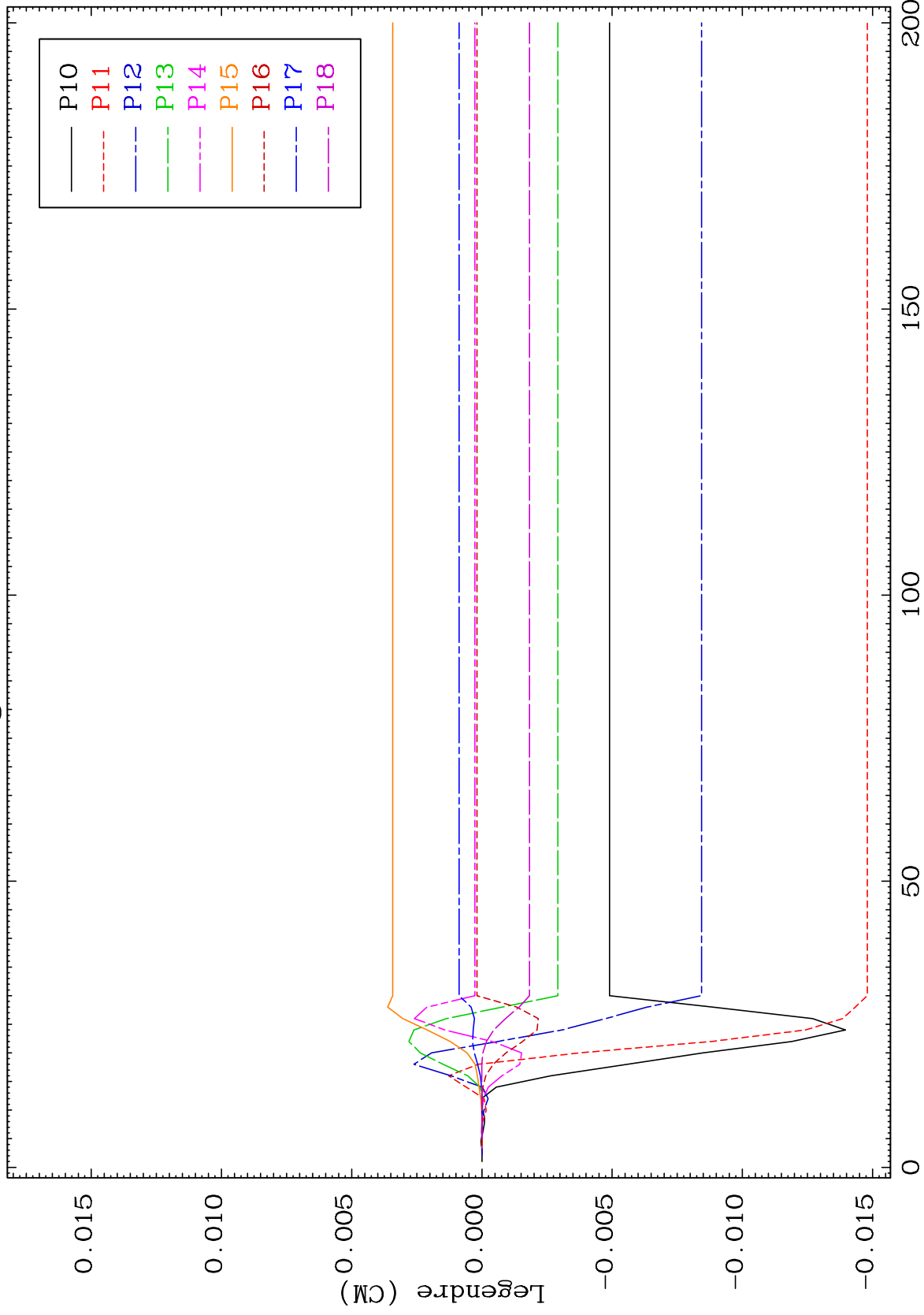
Incident Energy (MeV)

41

MAT 7149

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

71-Lu-183



42

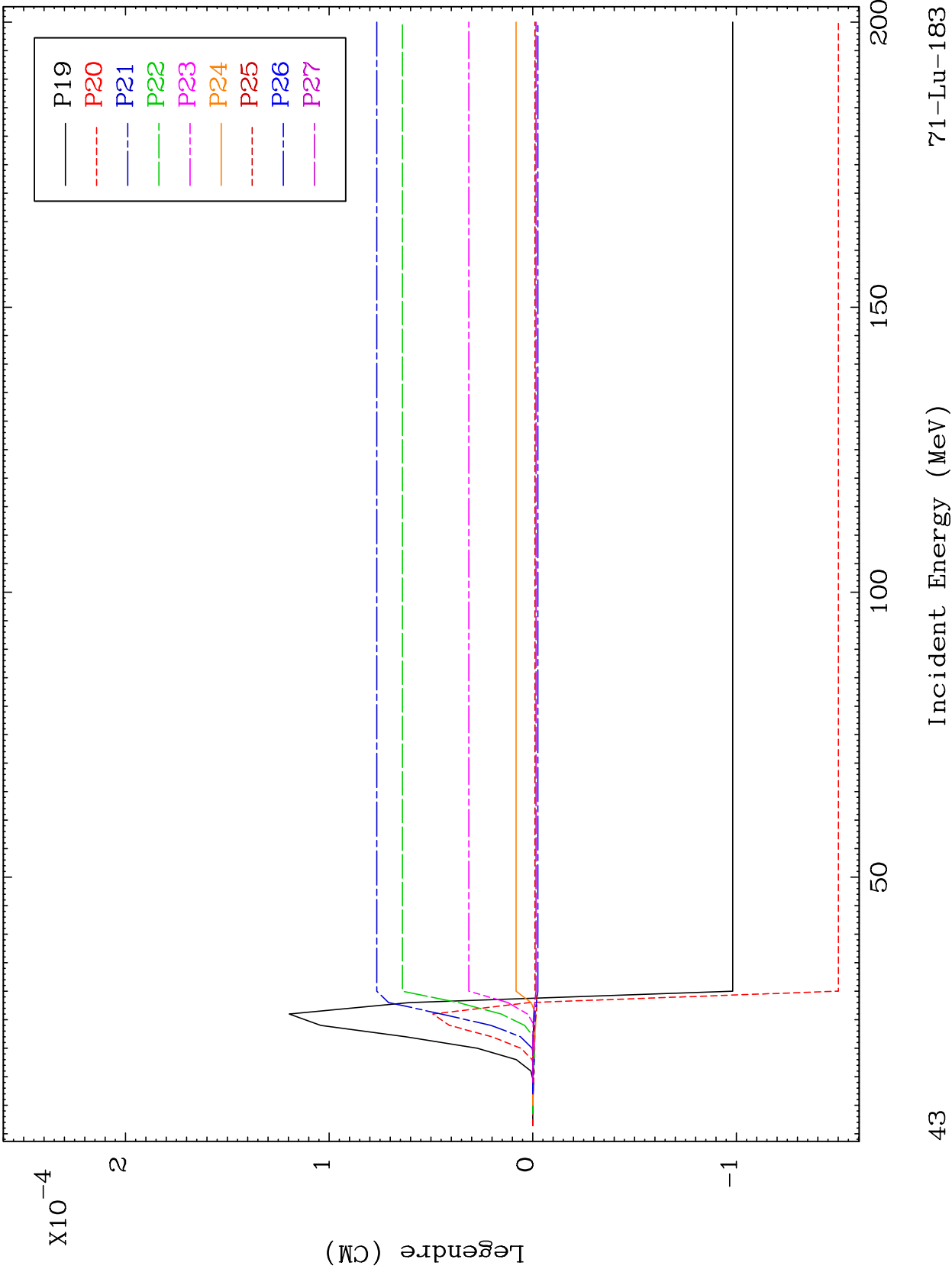
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



43

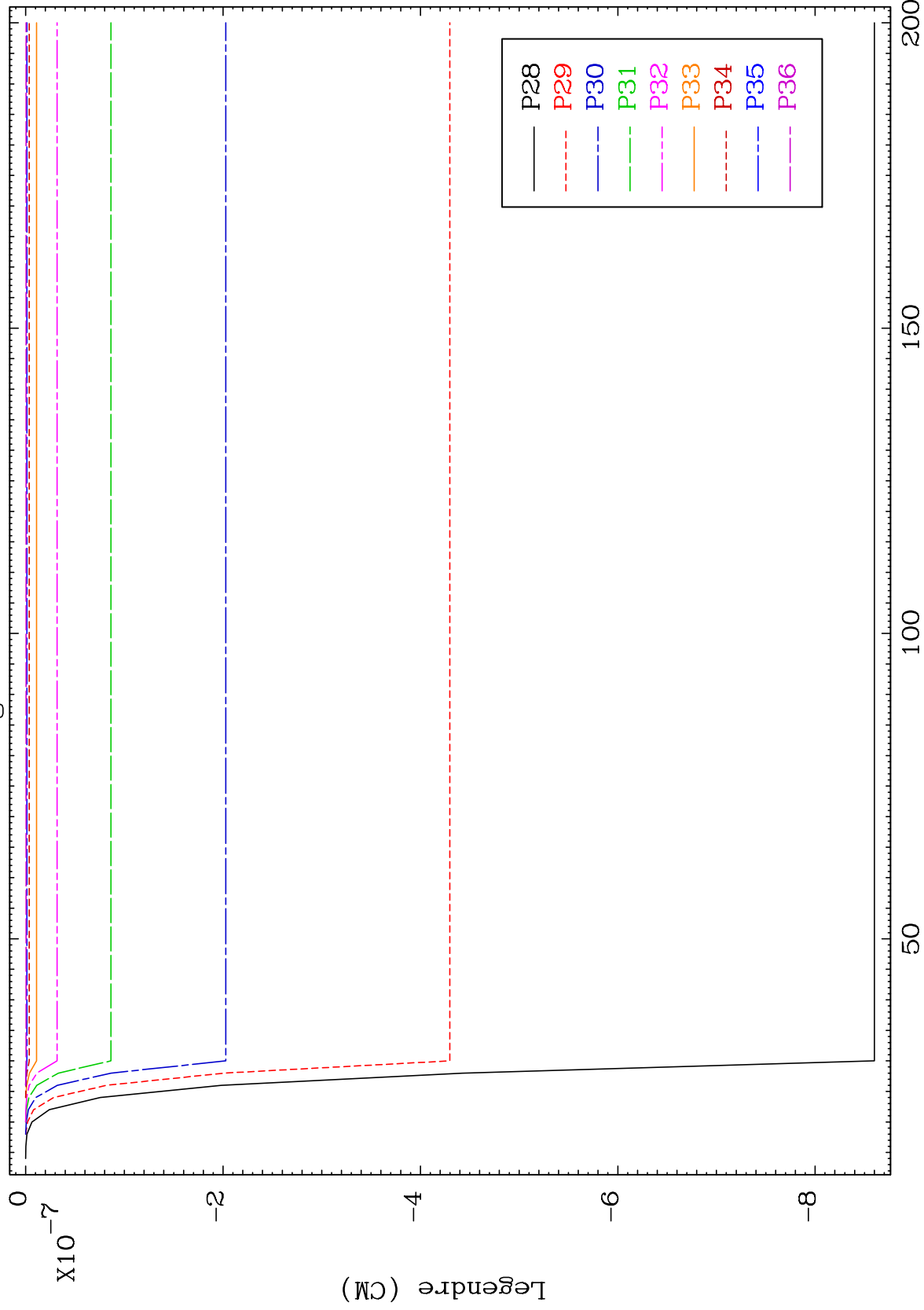
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



44

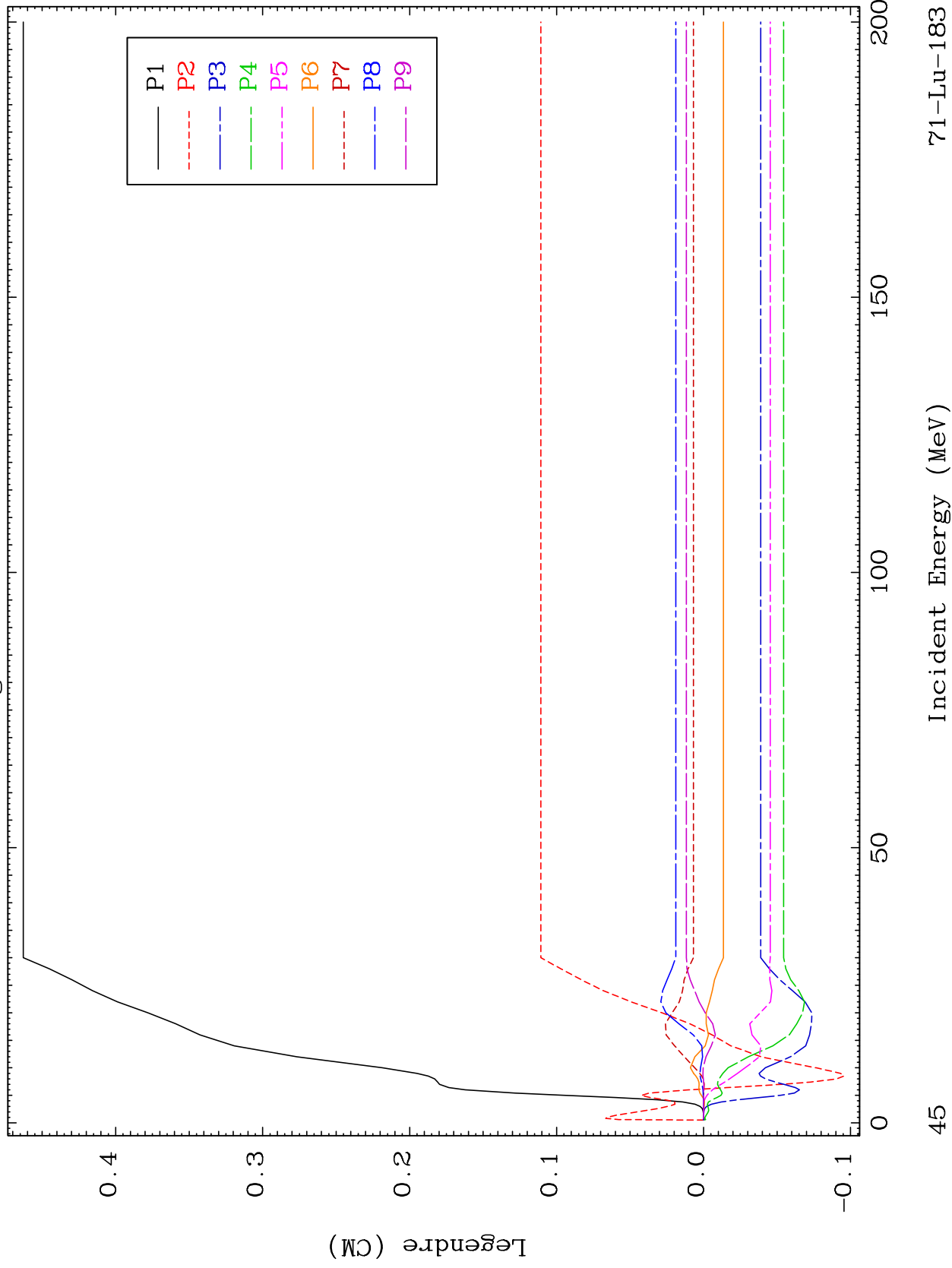
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



71-Lu-183

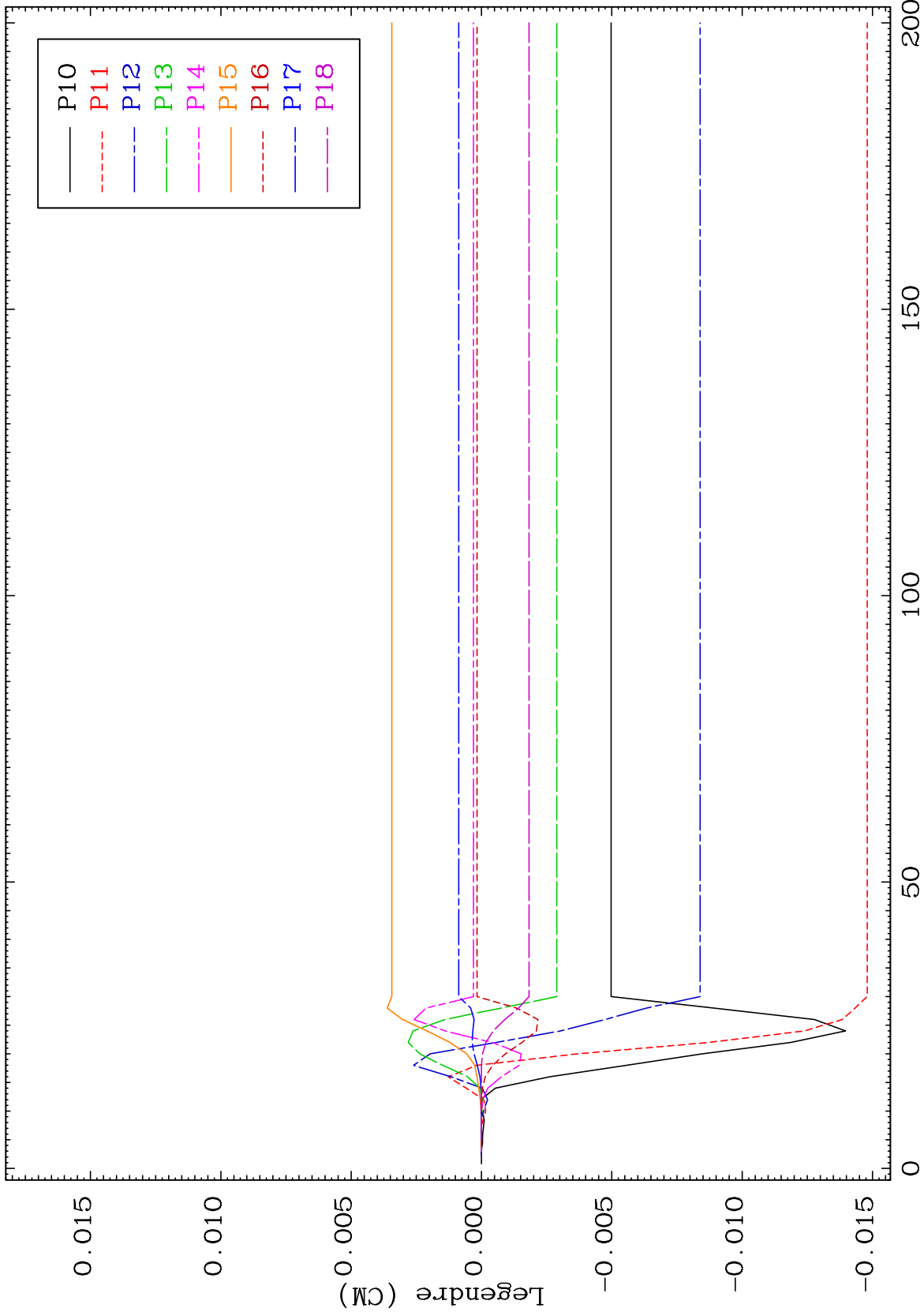
Incident Energy (MeV)

45

MAT 7149

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

71-Lu-183



46

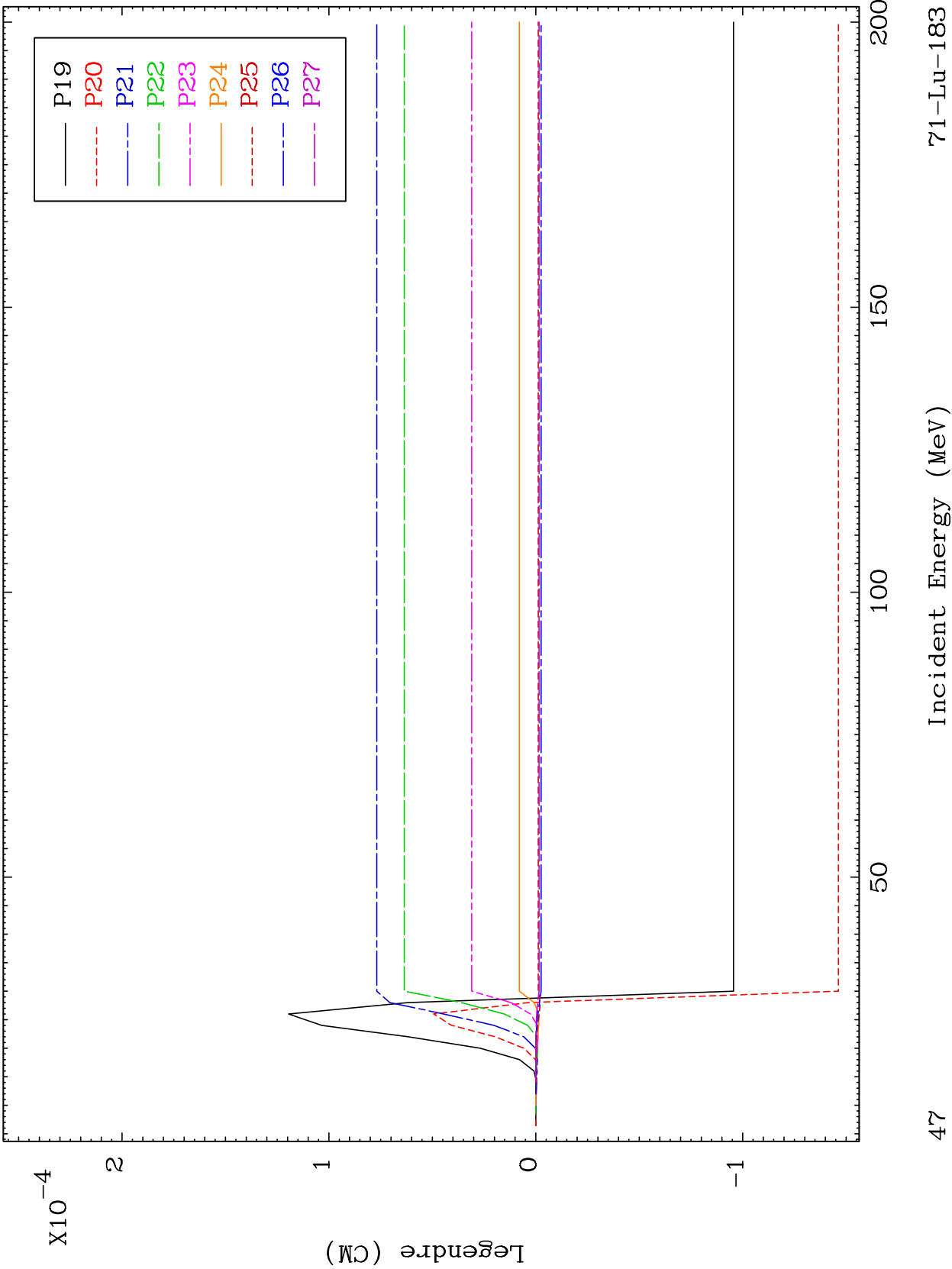
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

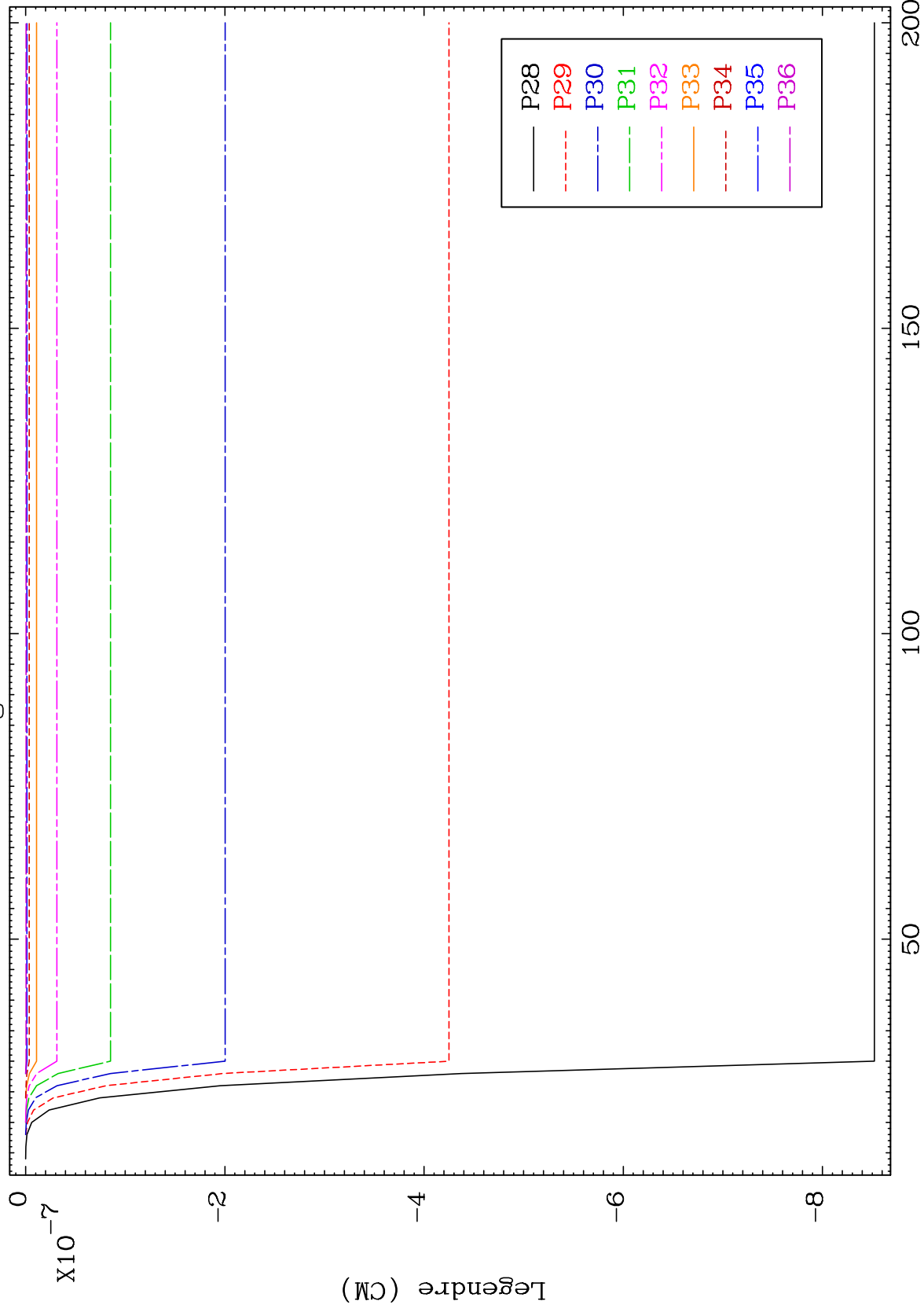
71-Lu-183



MAT 7149

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

71-Lu-183



48

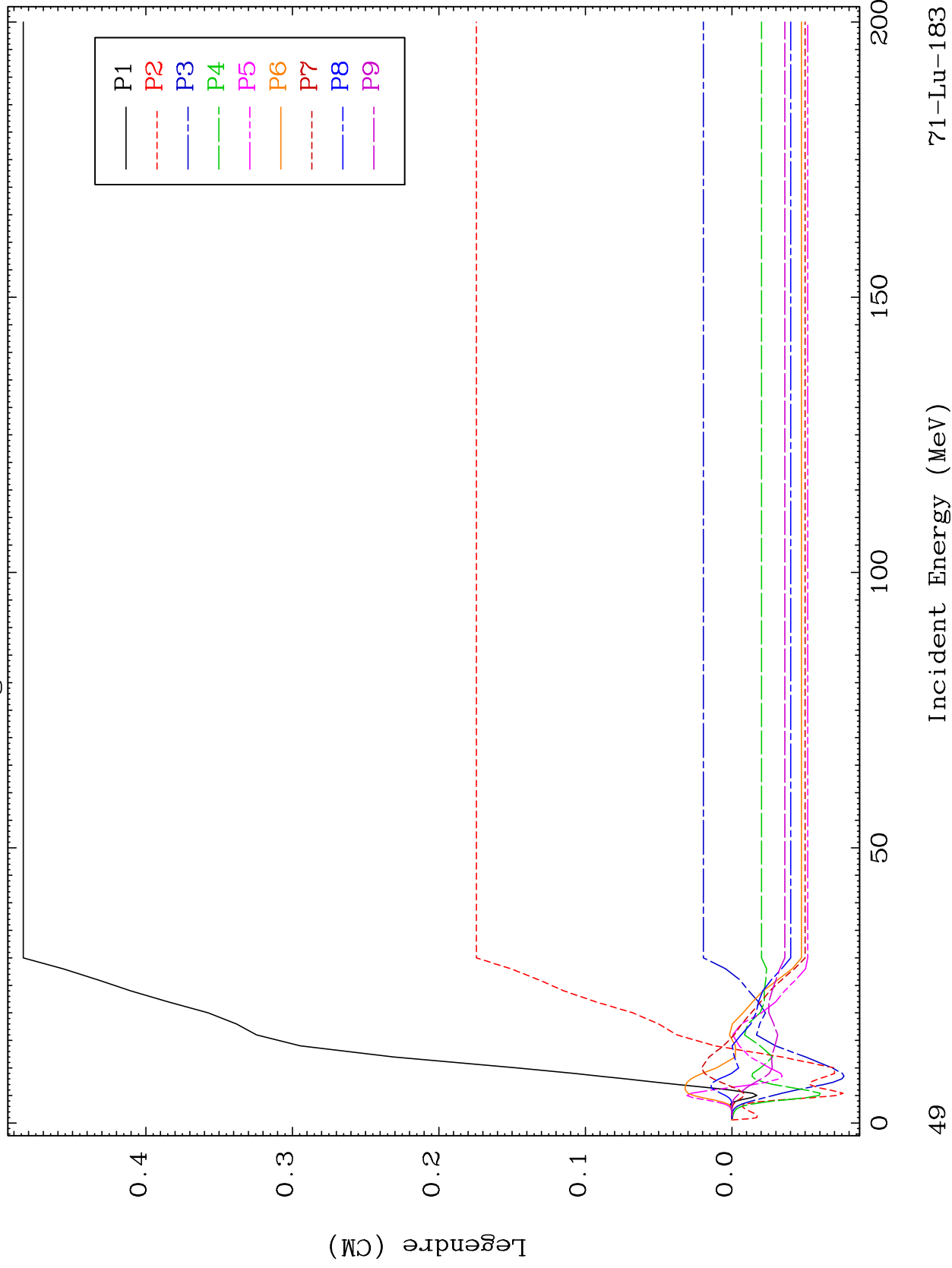
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



71-Lu-183

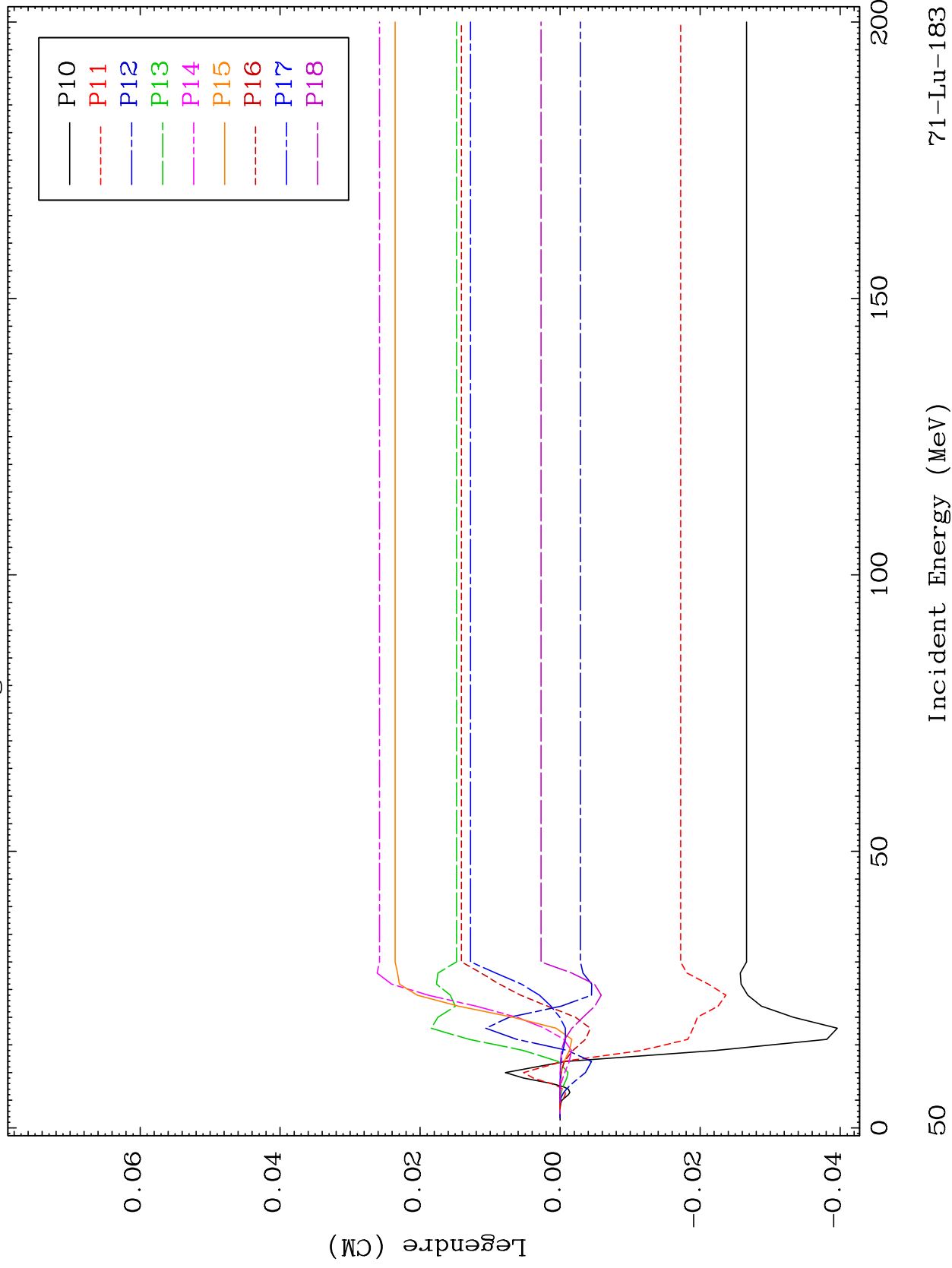
Incident Energy (MeV)

49

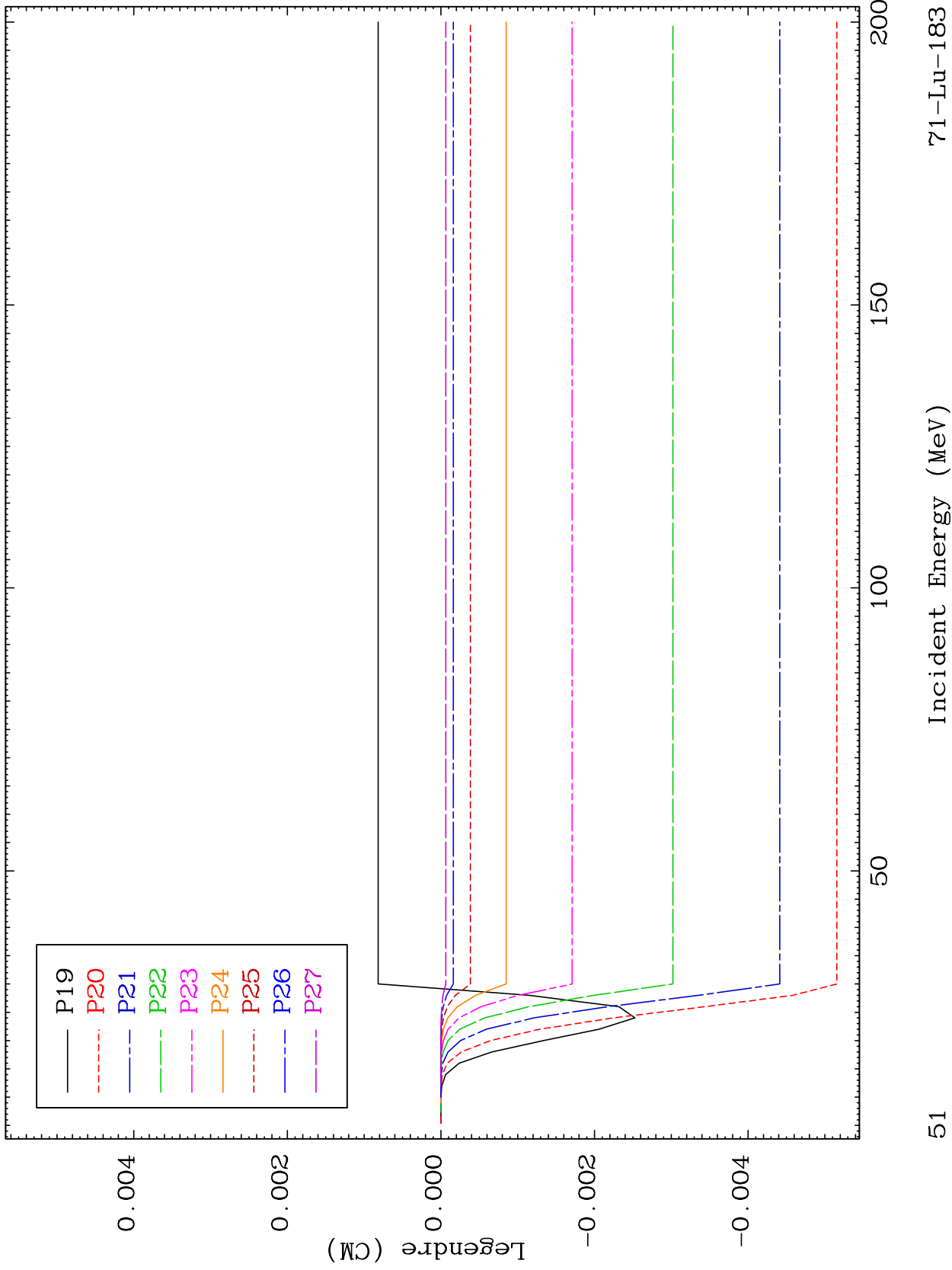
MAT 7149

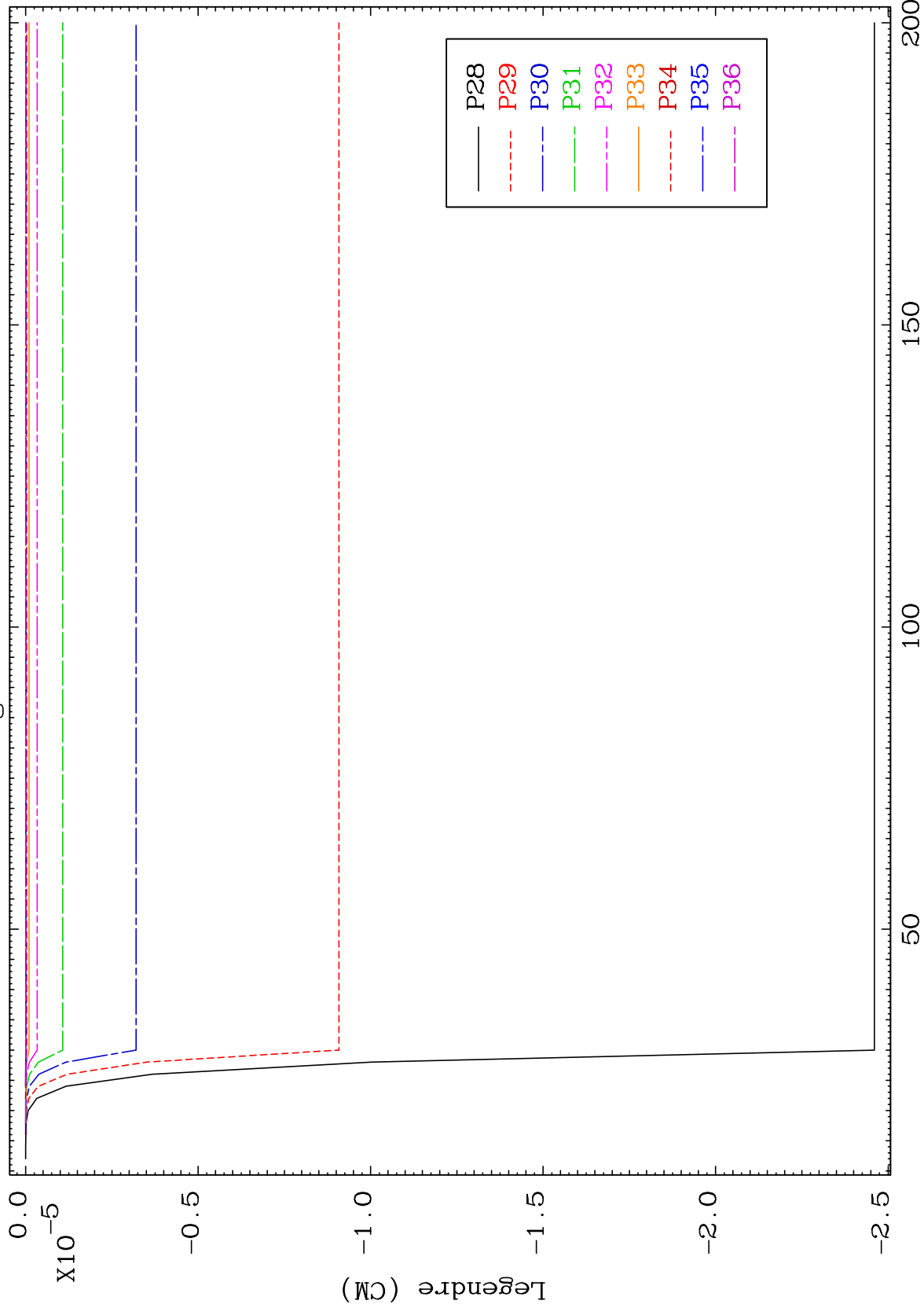
MT= 58 (n,n') Level
Legendre Coefficients

71-Lu-183



71-Lu-183

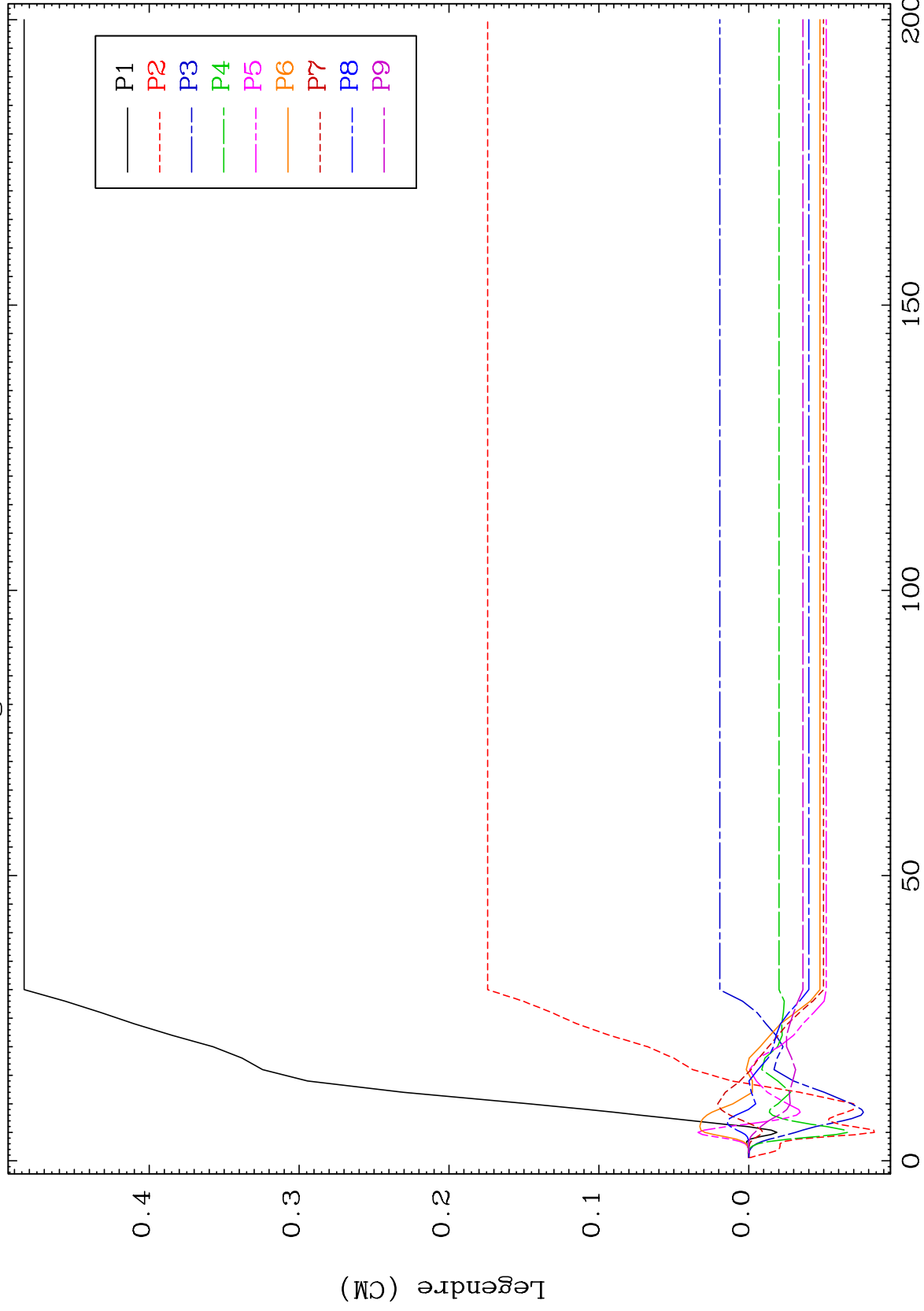




MAT 7149

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

71-Lu-183



71-Lu-183

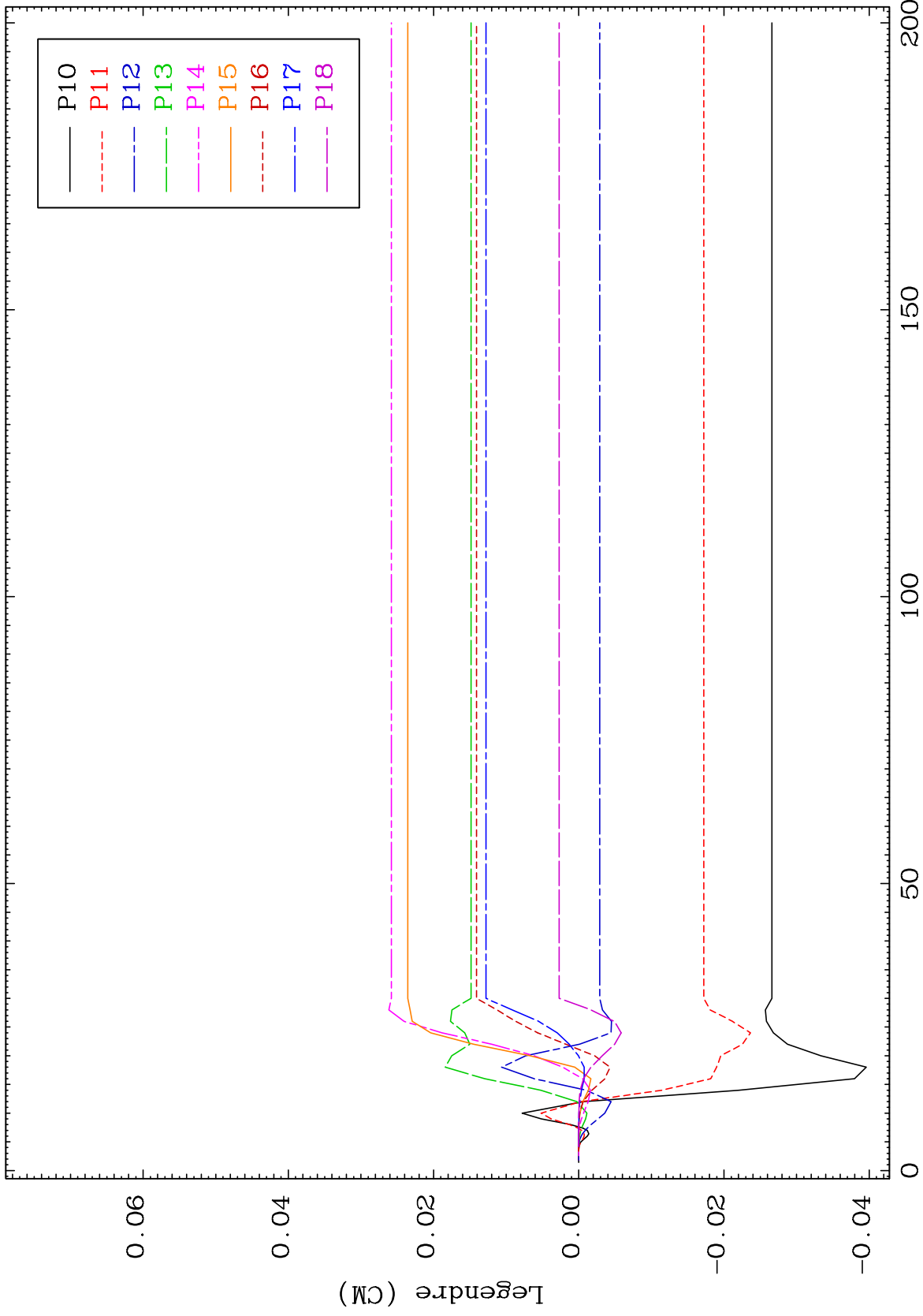
Incident Energy (MeV)

53

MAT 7149

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

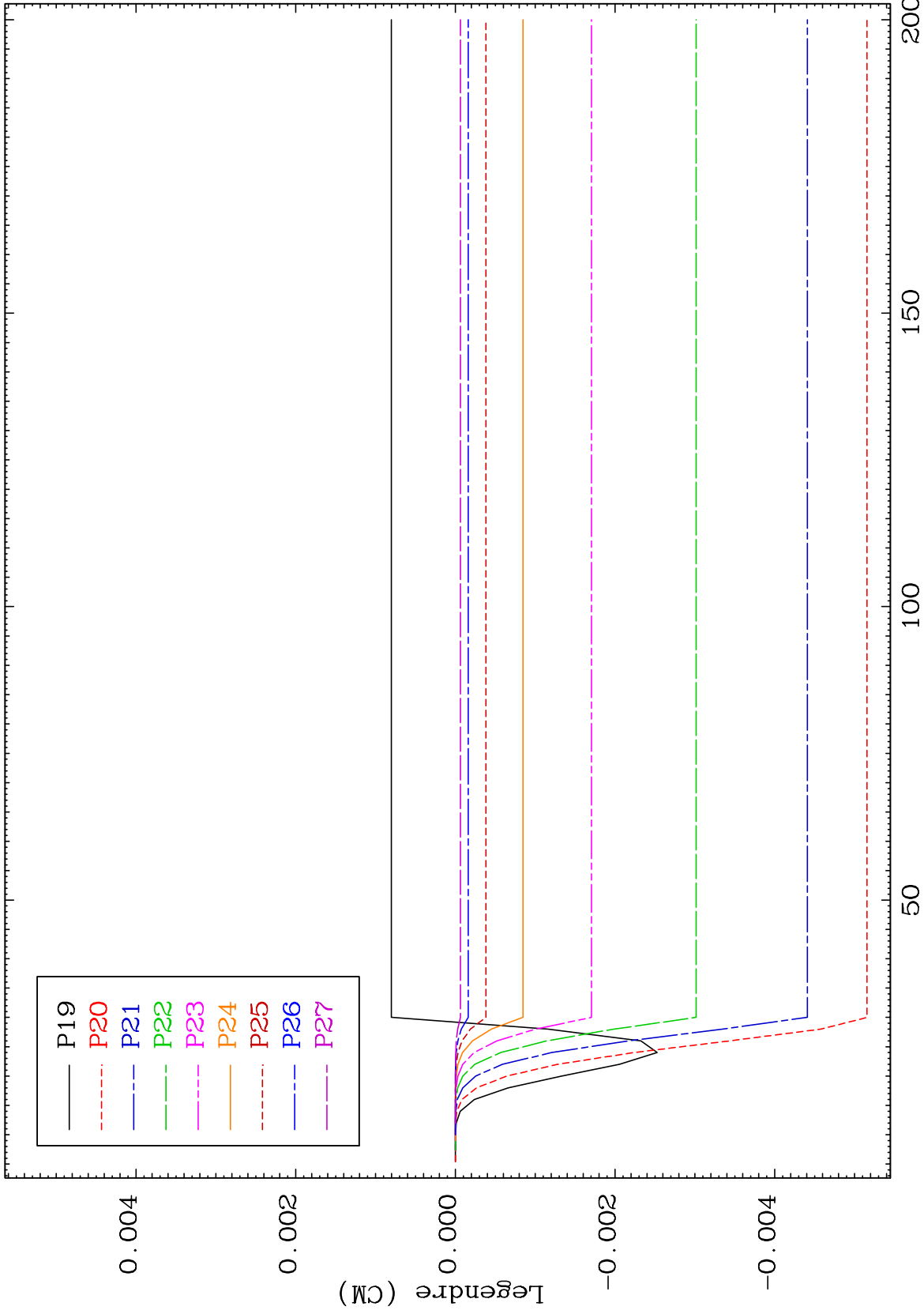
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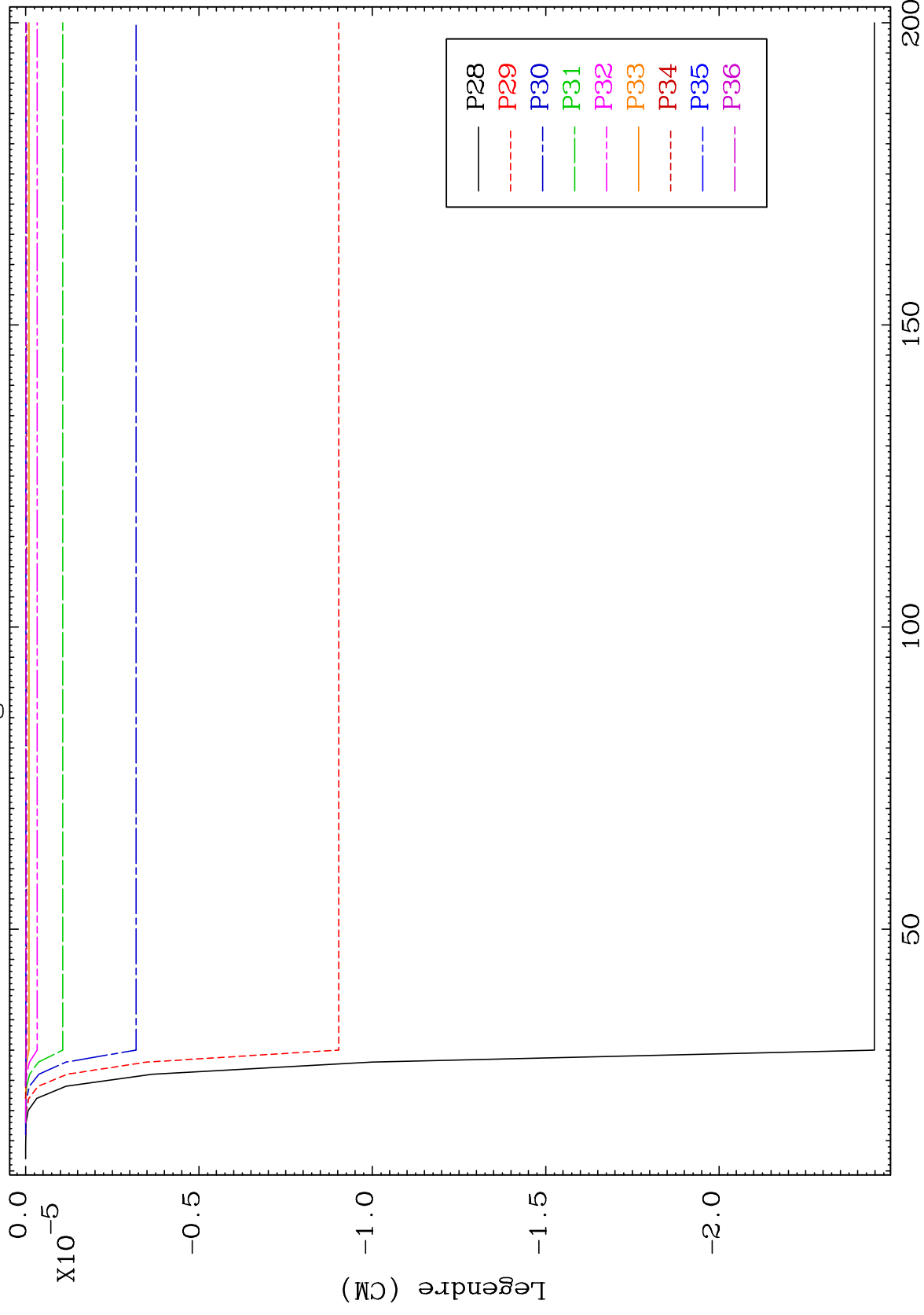


54

Incident Energy (MeV)

71-Lu-183

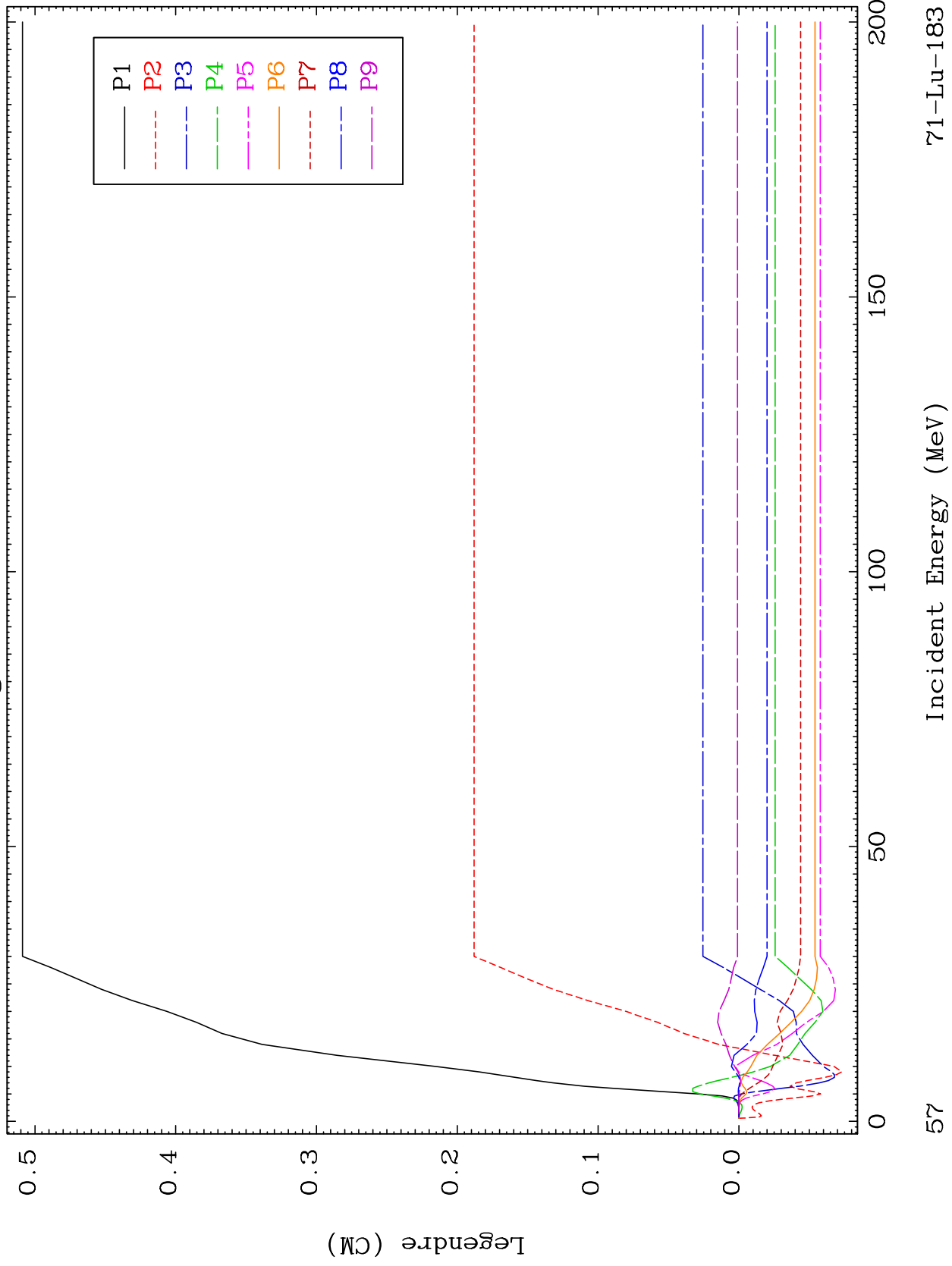




MAT 7149

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

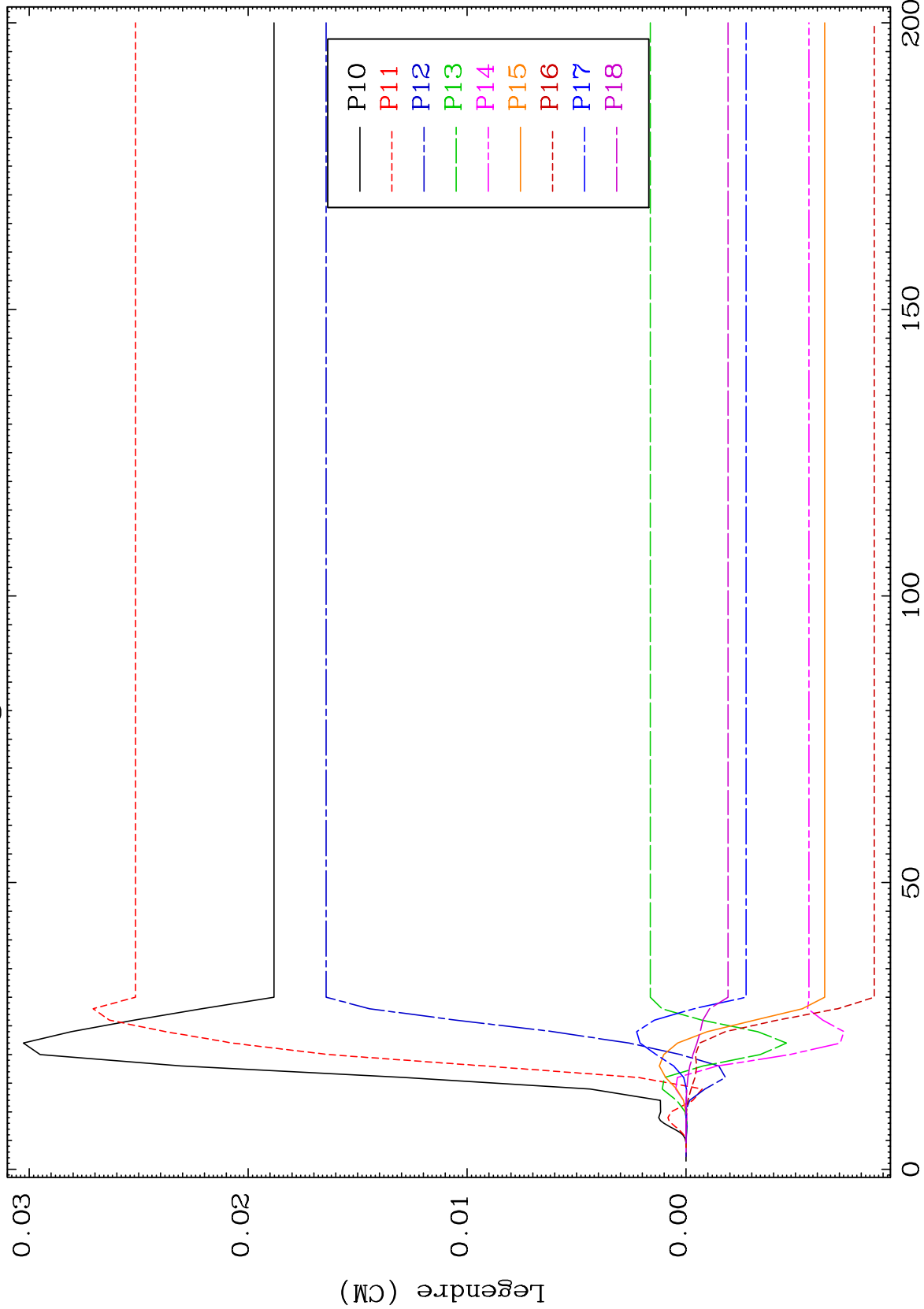
71-Lu-183



MAT 7149

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

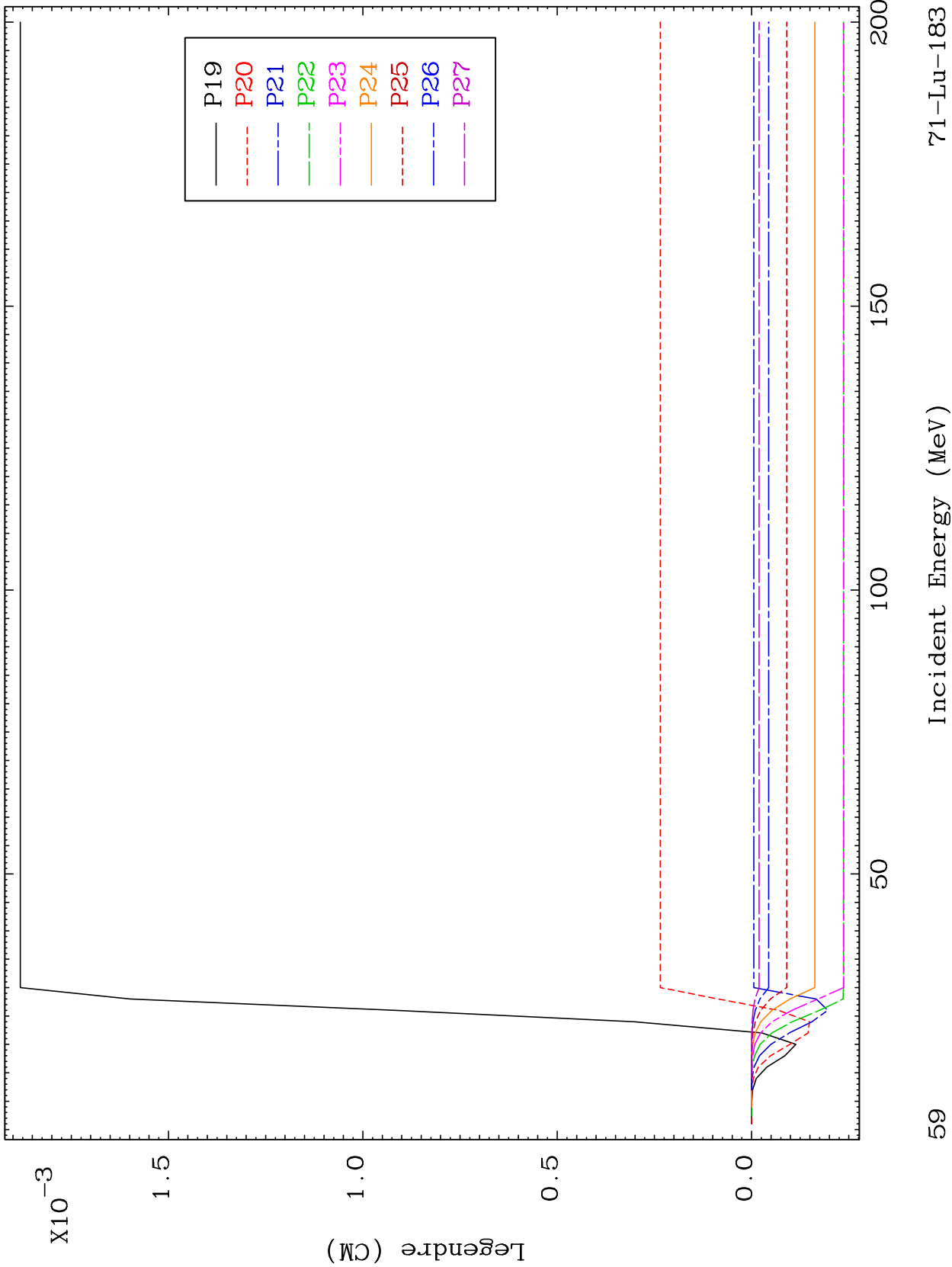
71-Lu-183



58

Incident Energy (MeV)

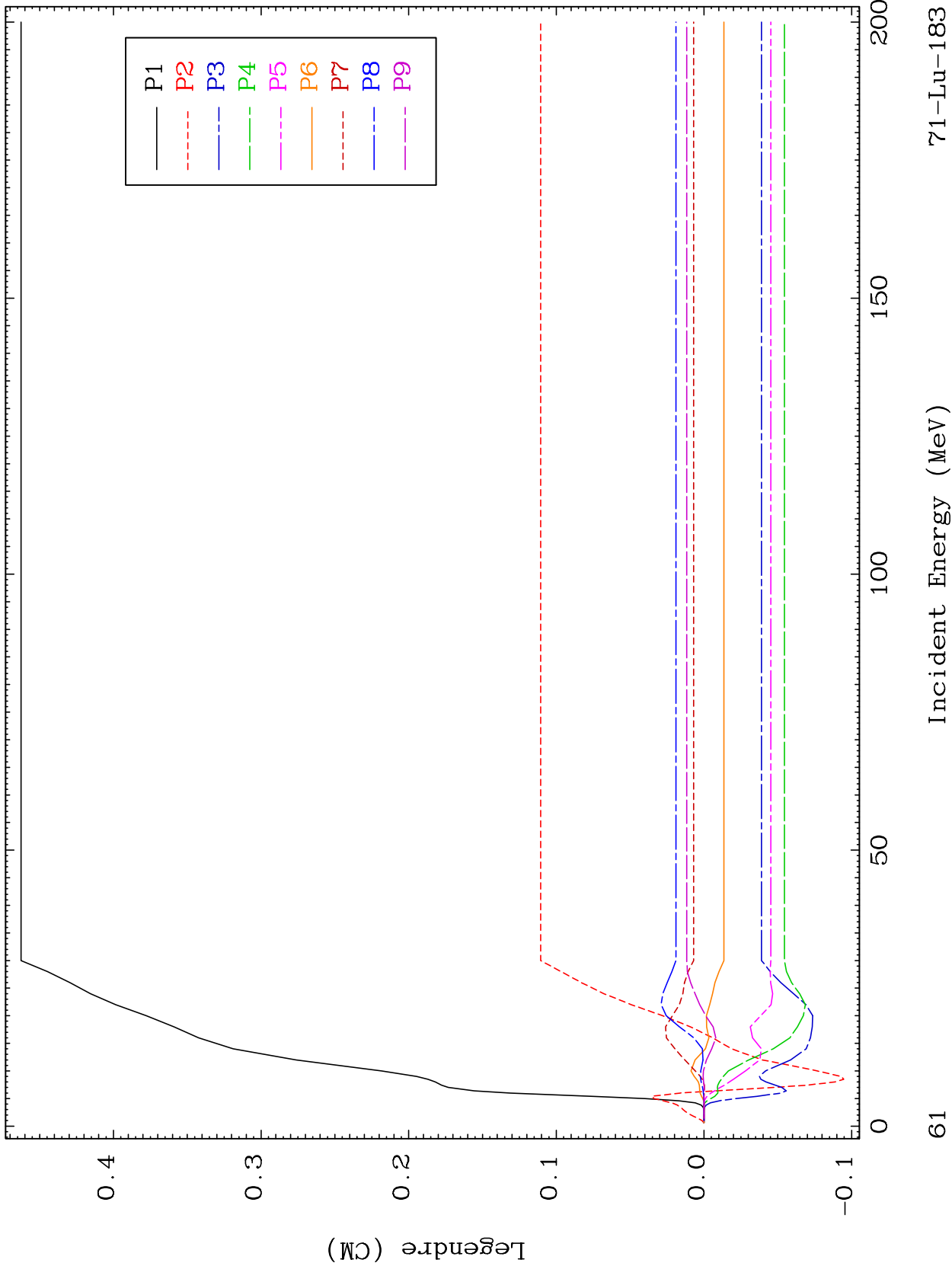
71-Lu-183



MAT 7149

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

71-Lu-183



71-Lu-183

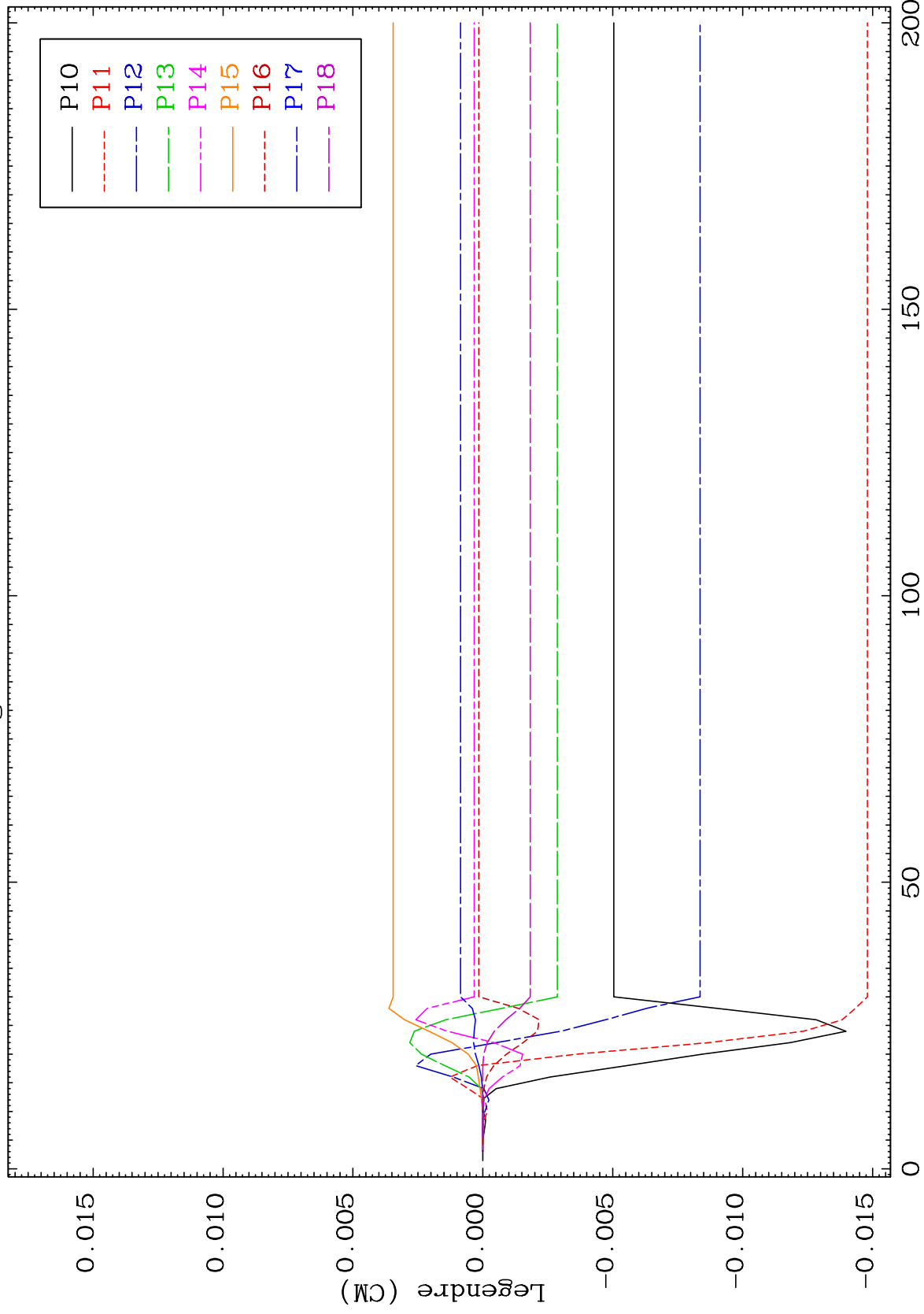
Incident Energy (MeV)

61

MAT 7149

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

71-Lu-183



62

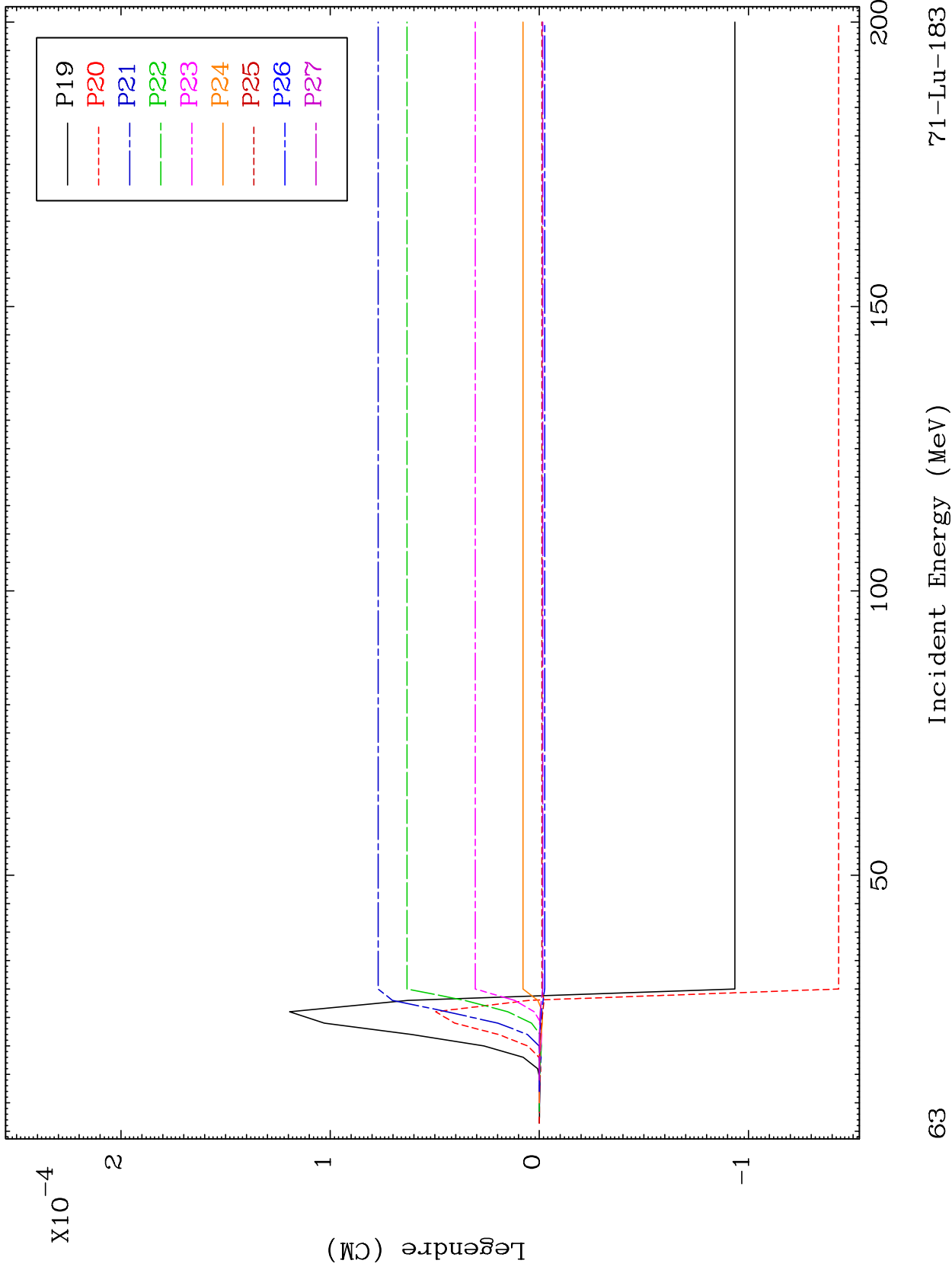
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

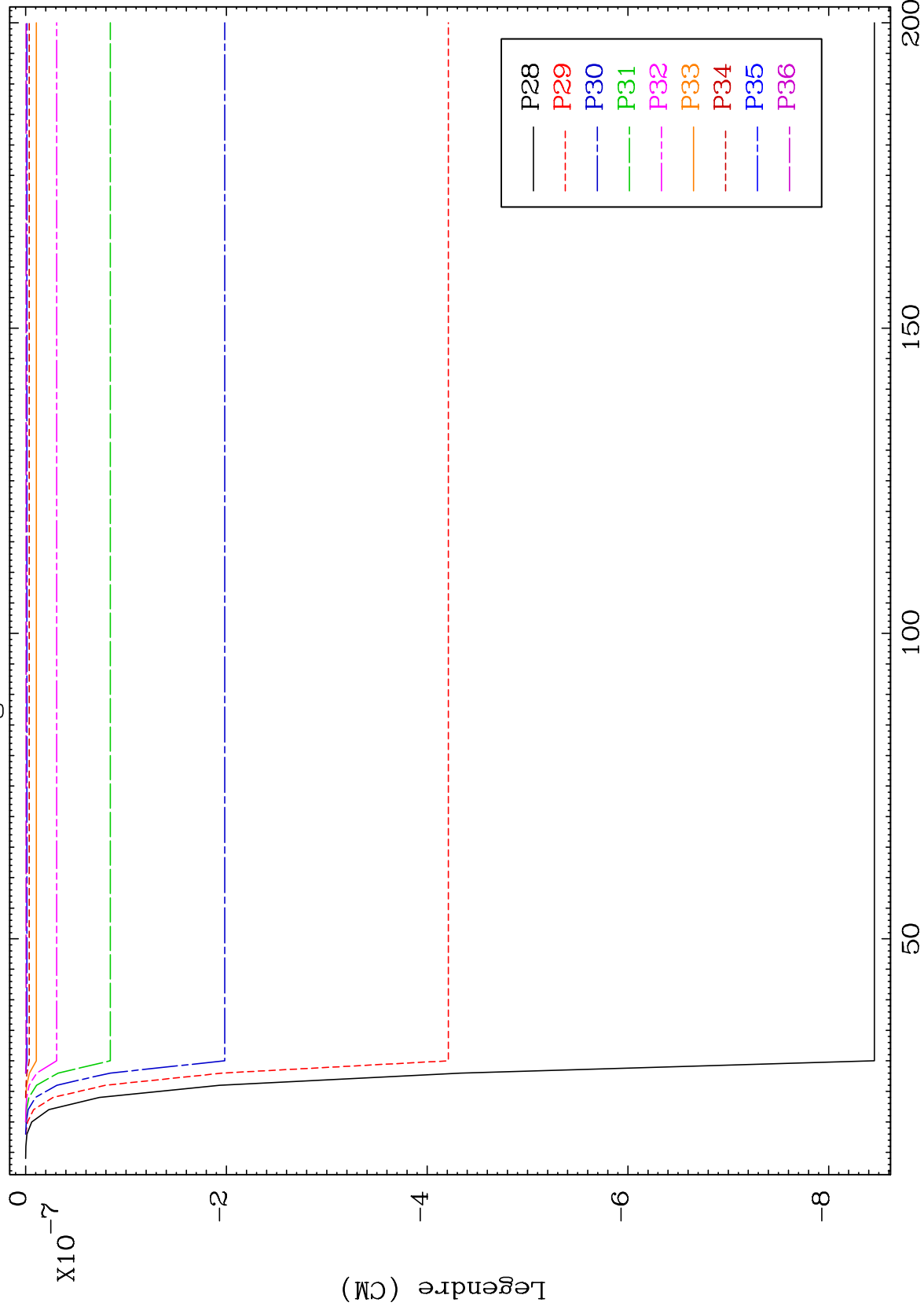
71-Lu-183



MAT 7149

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

71-Lu-183



64

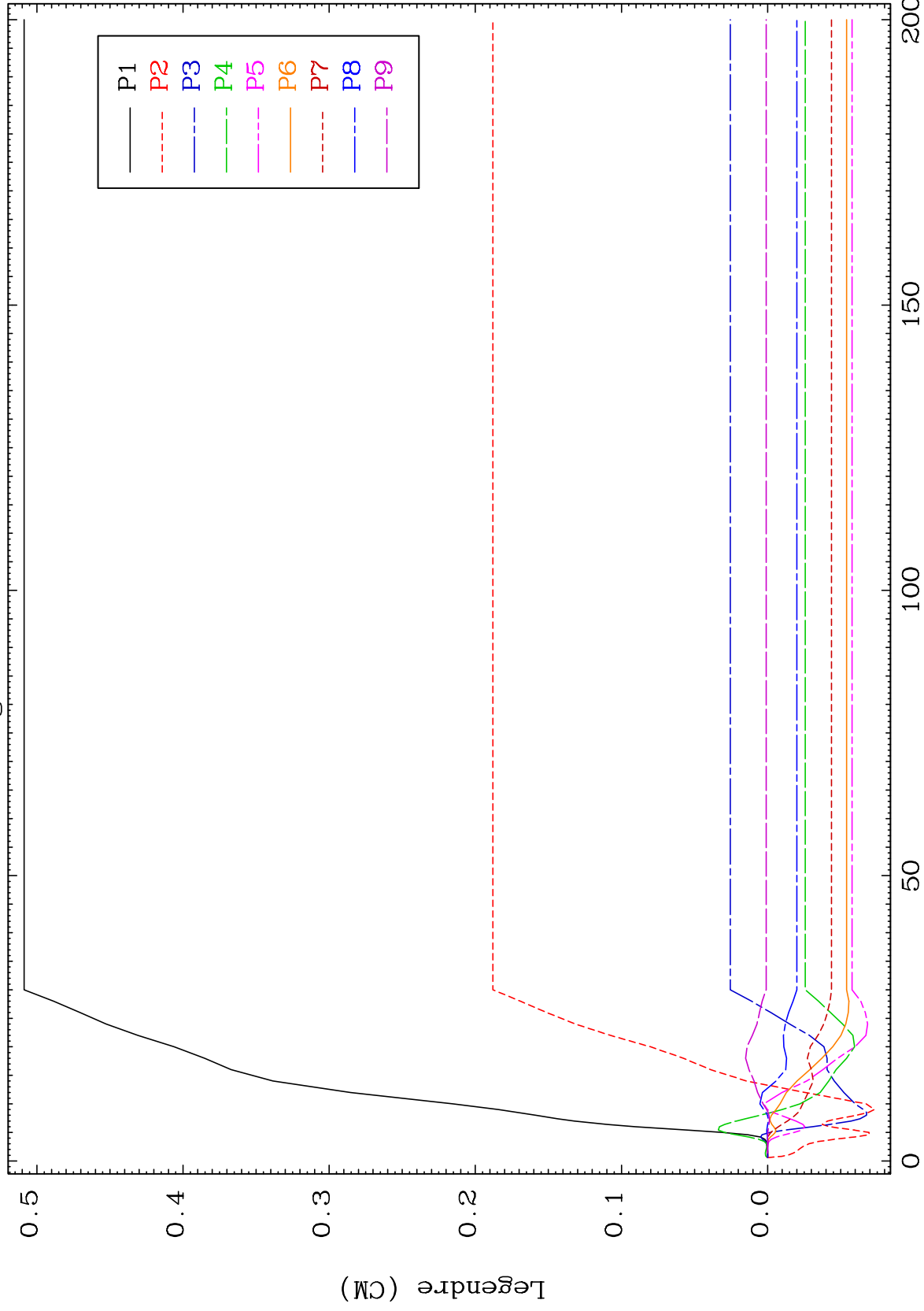
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



65

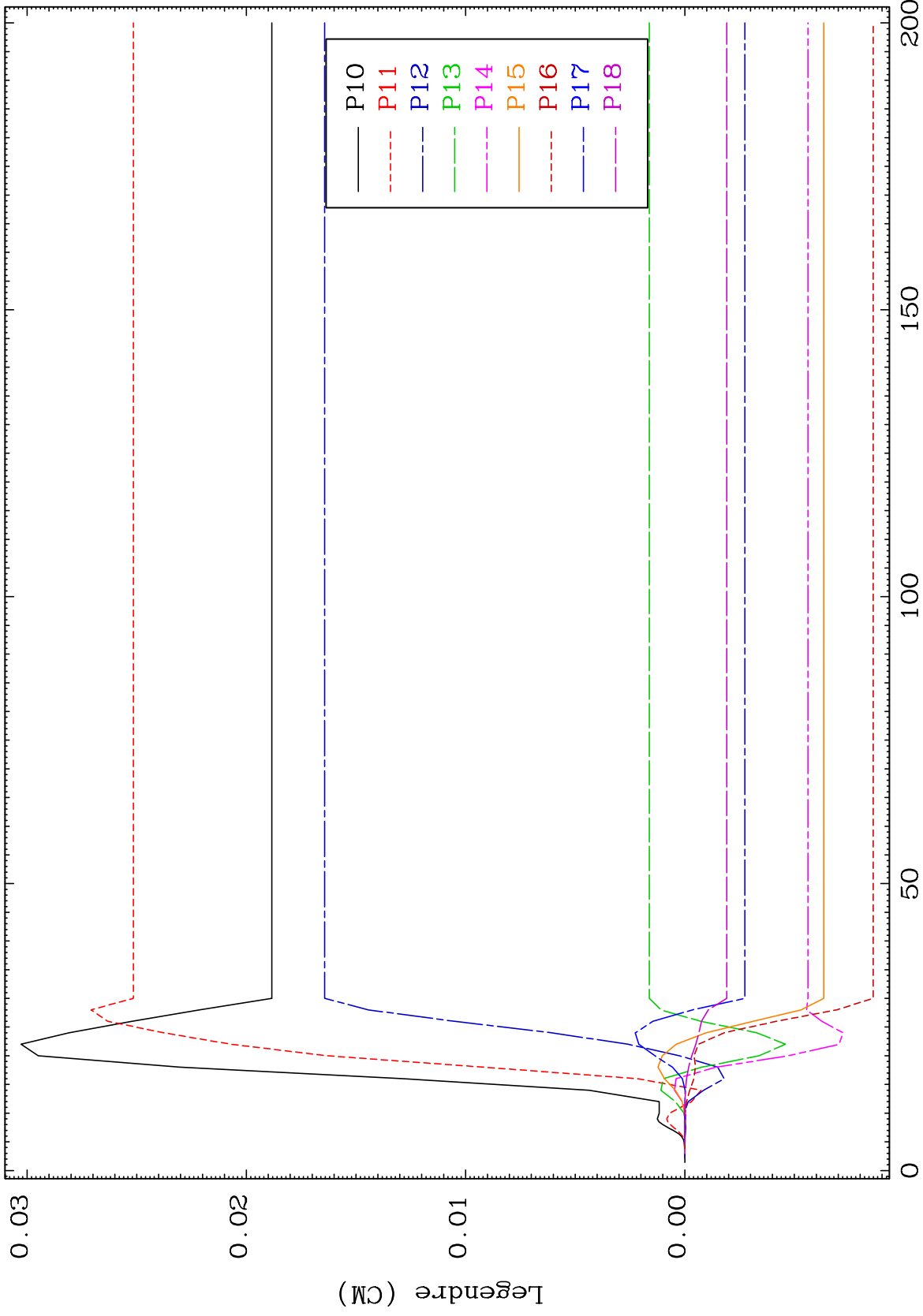
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



66

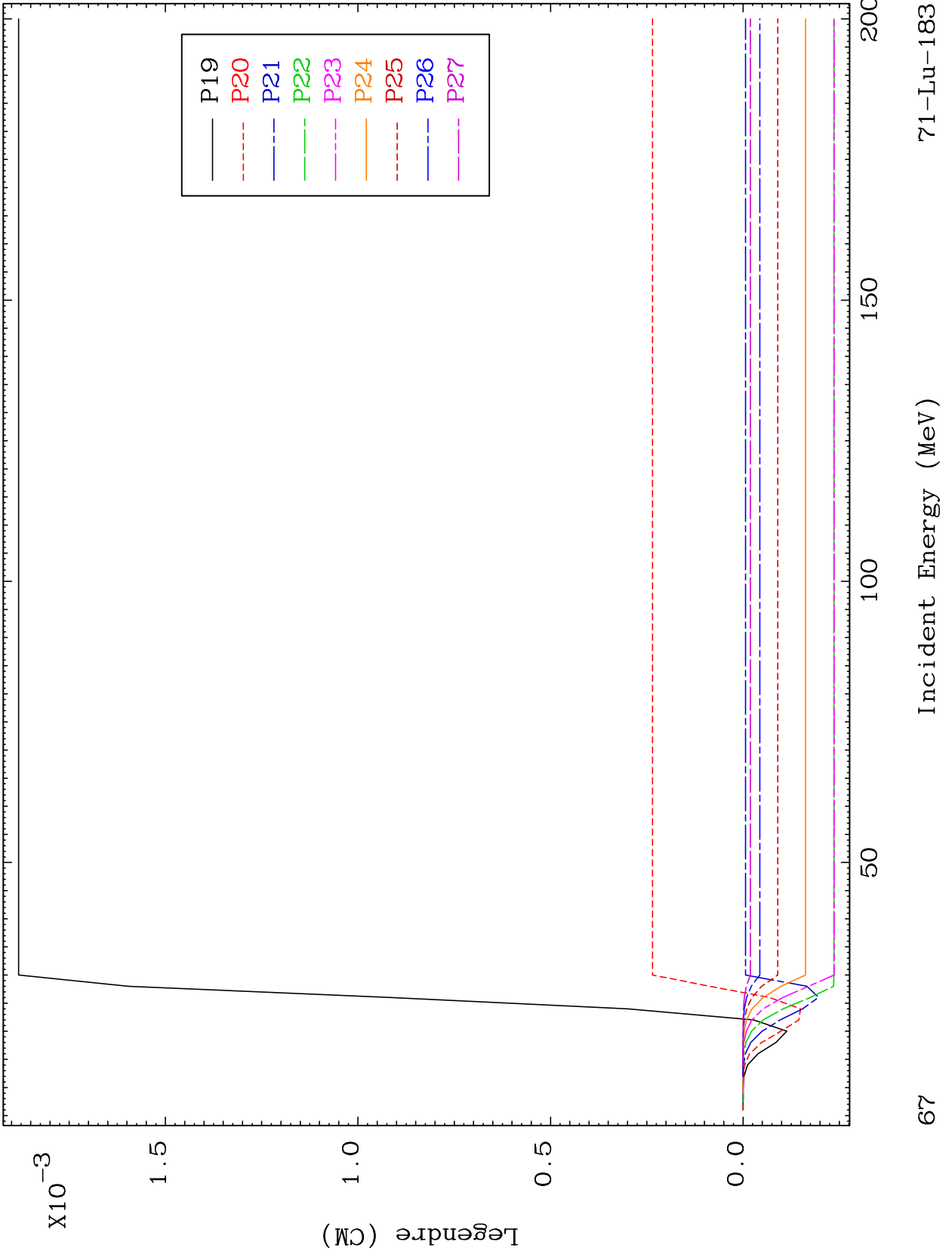
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

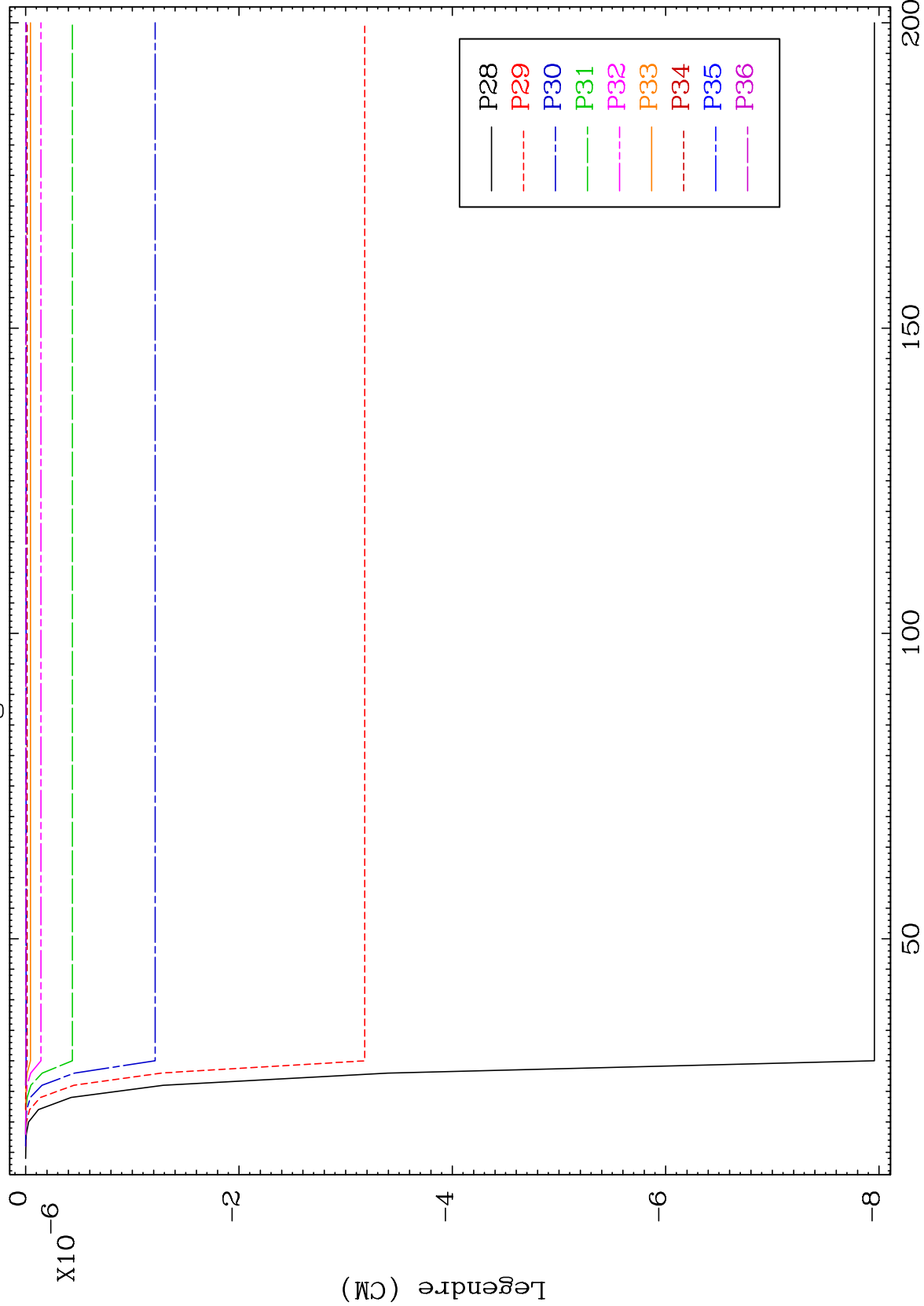
71-Lu-183



MAT 7149

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

71-Lu-183



71-Lu-183

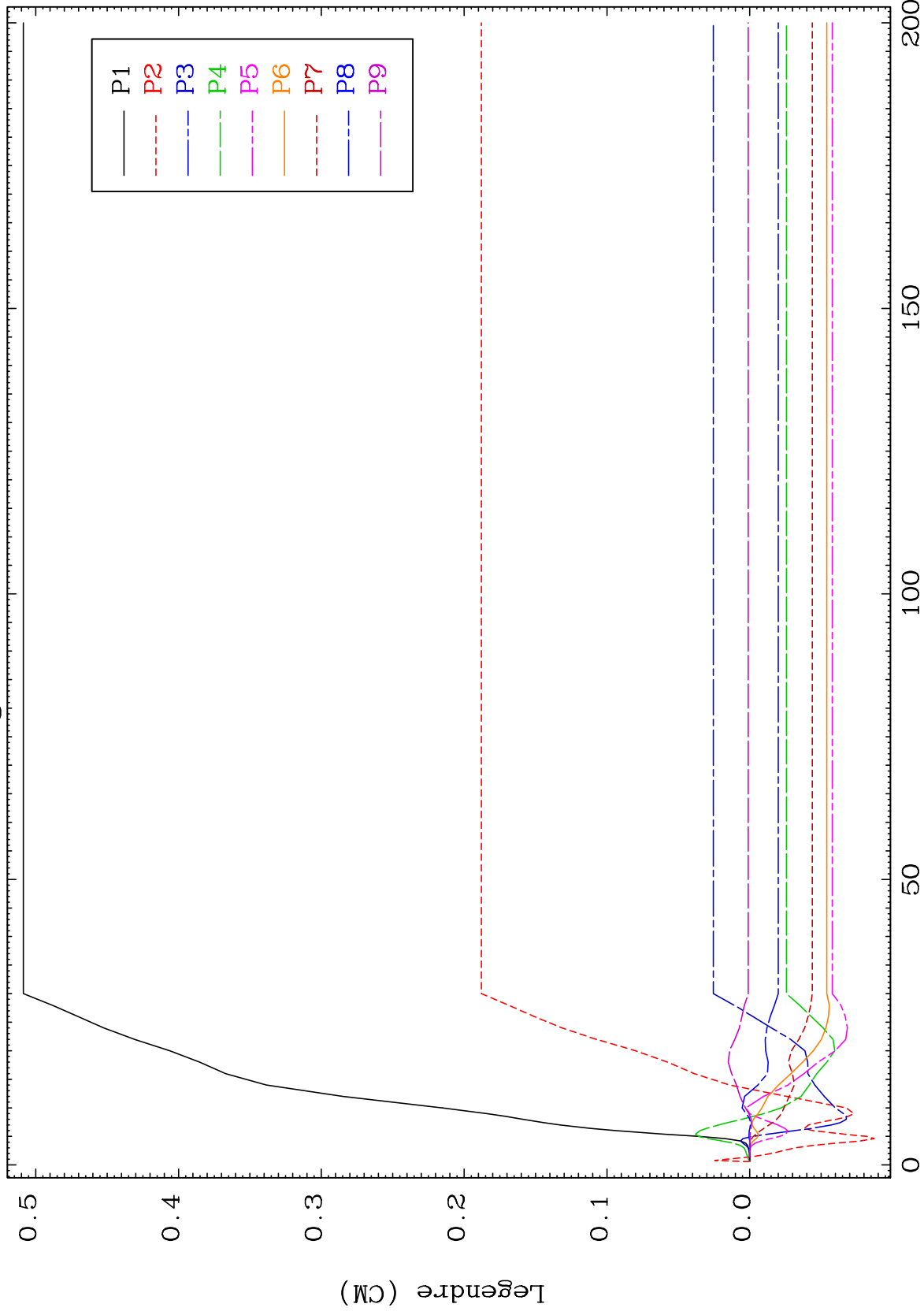
Incident Energy (MeV)

68

MAT 7149

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

71-Lu-183



69

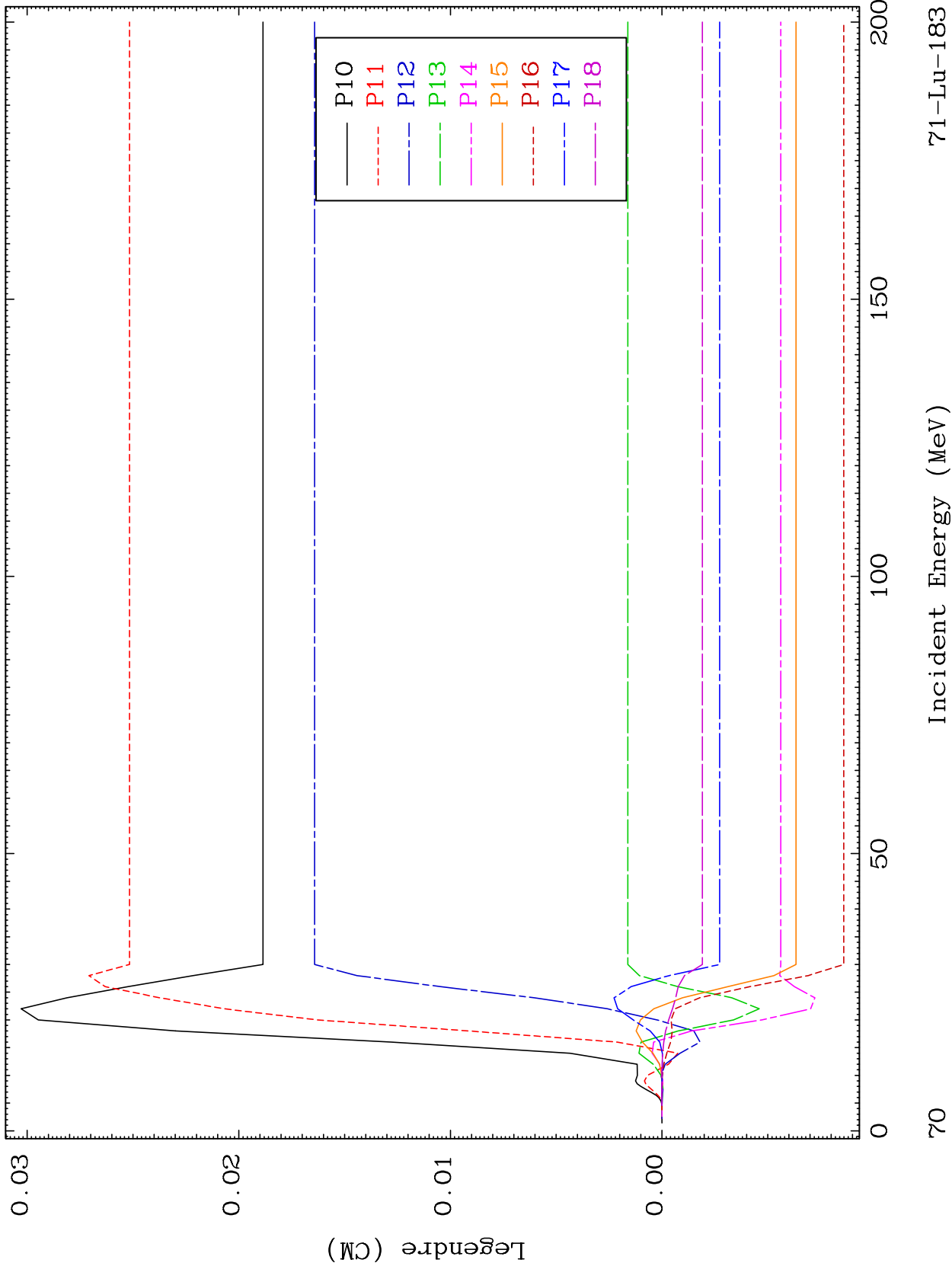
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



71-Lu-183

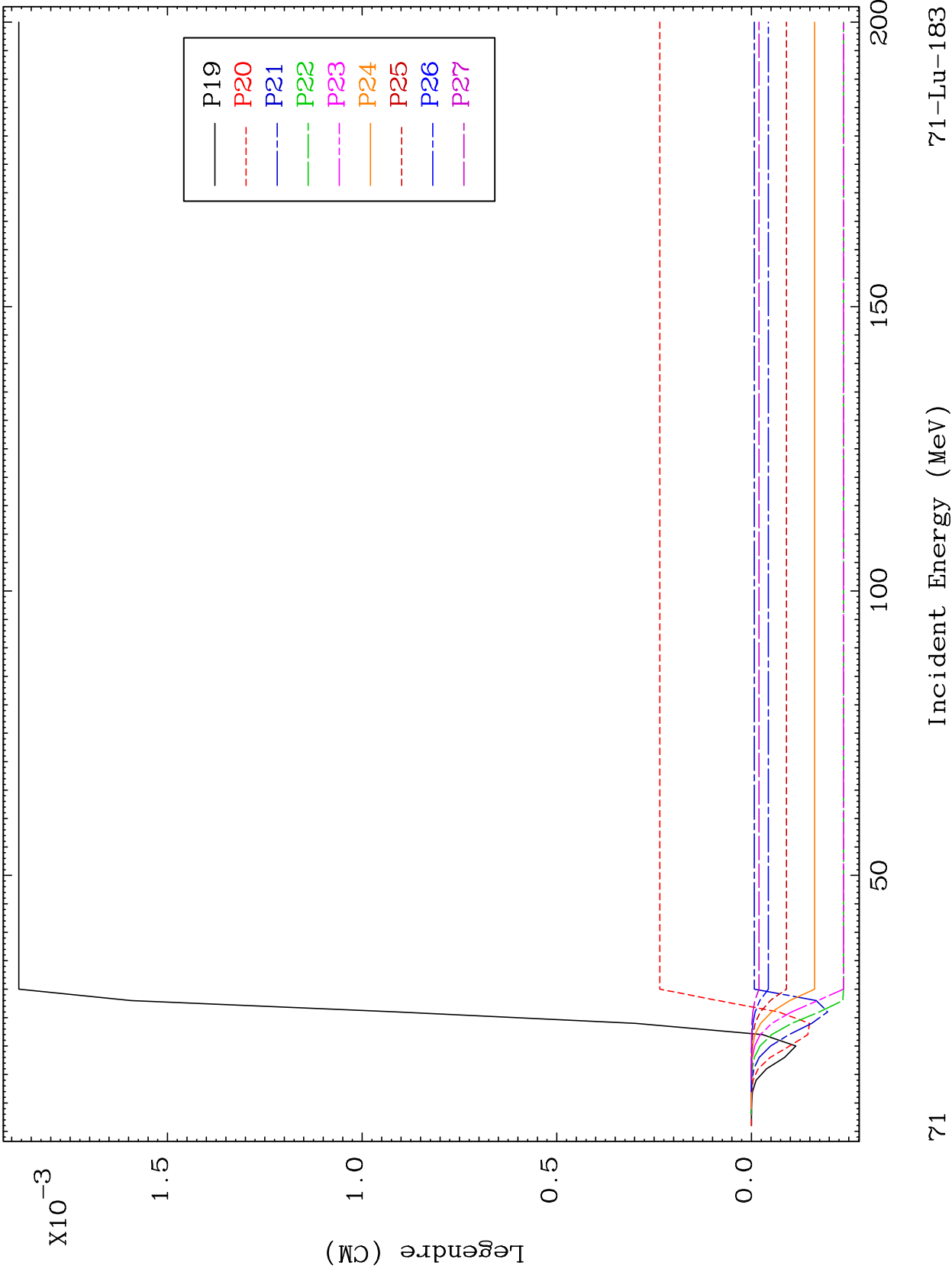
Incident Energy (MeV)

70

MAT 7149

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

71-Lu-183

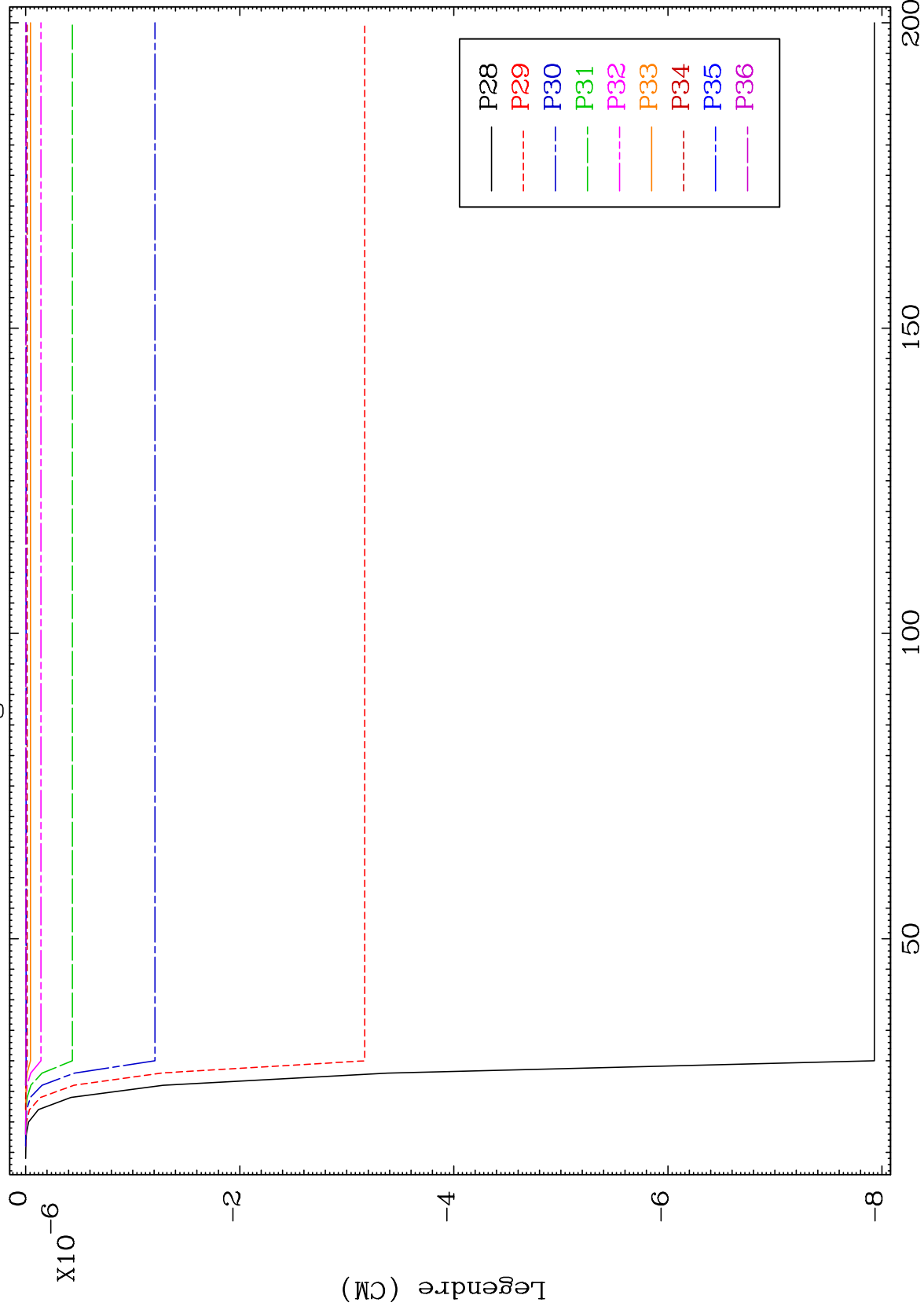


71

MAT 7149

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

71-Lu-183



71-Lu-183

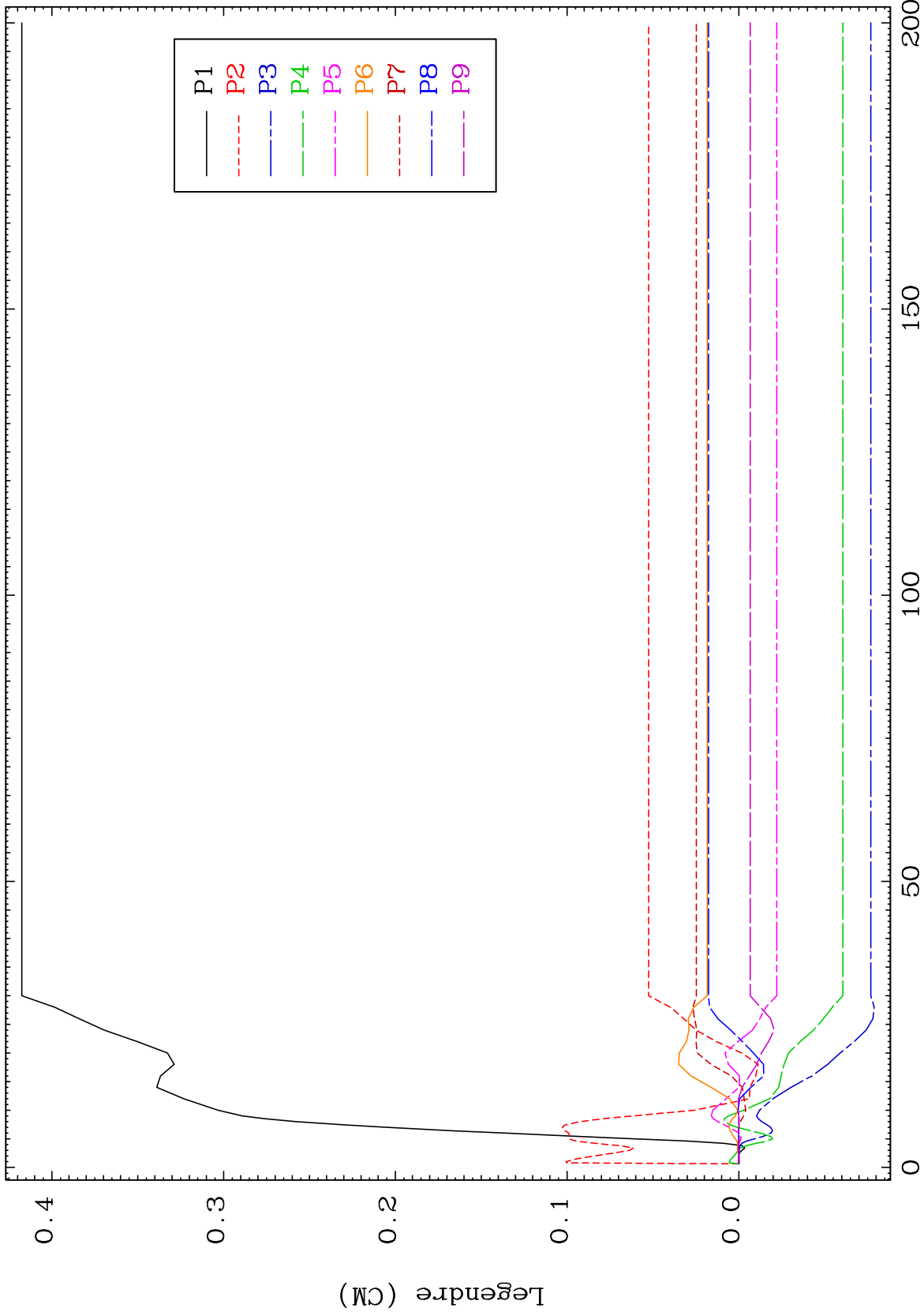
Incident Energy (MeV)

72

MAT 7149

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

71-Lu-183



73

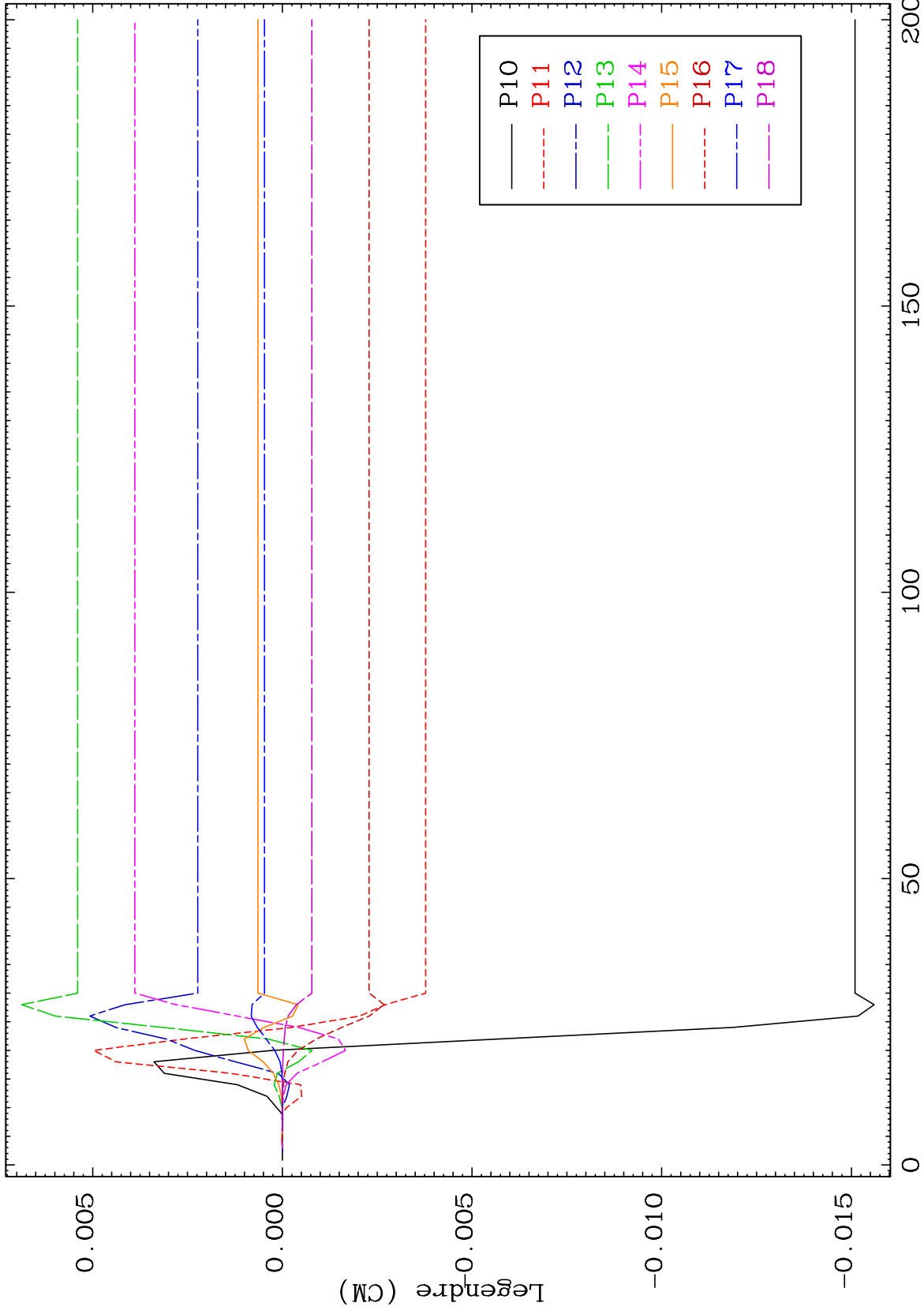
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



74

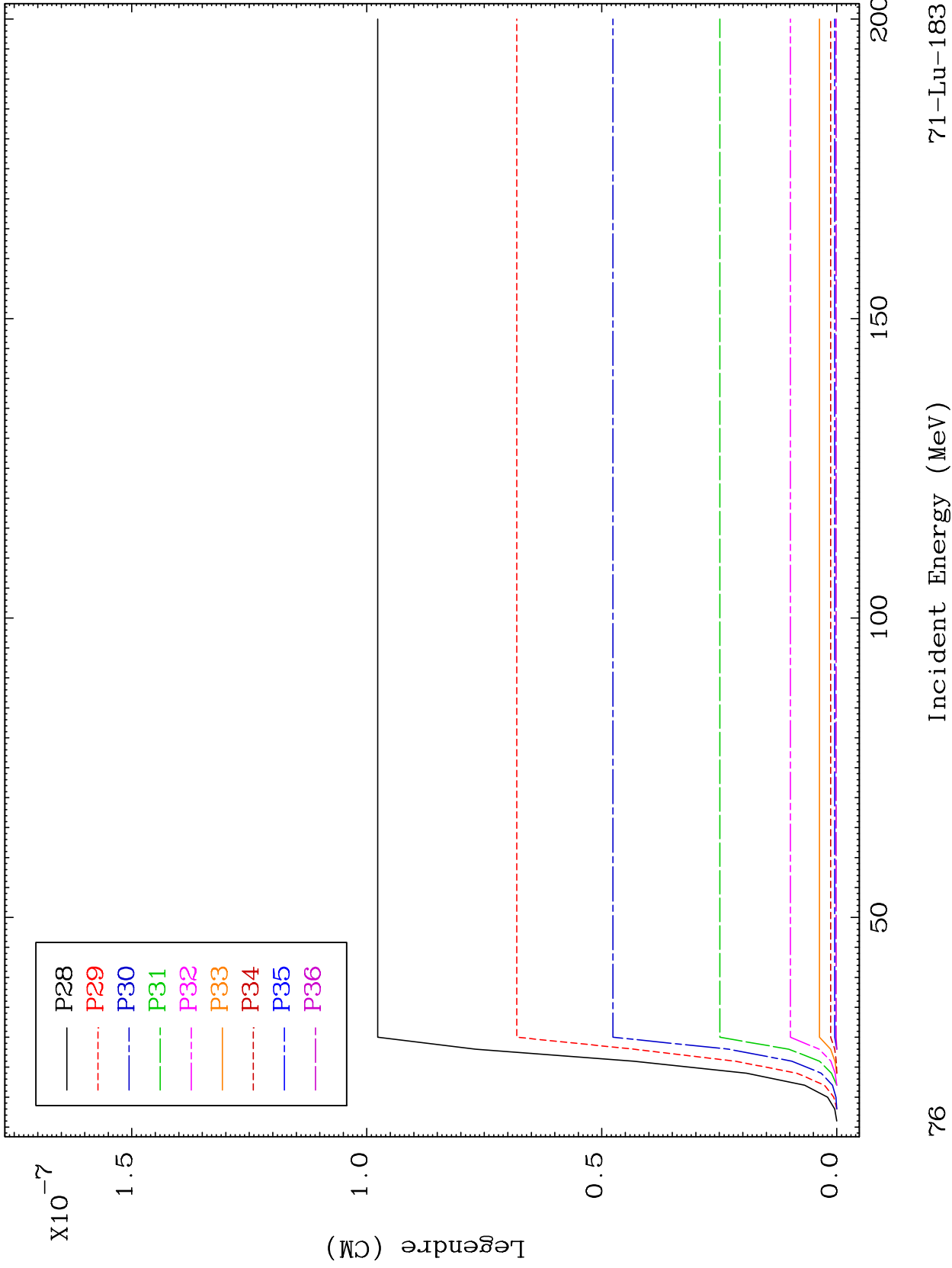
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

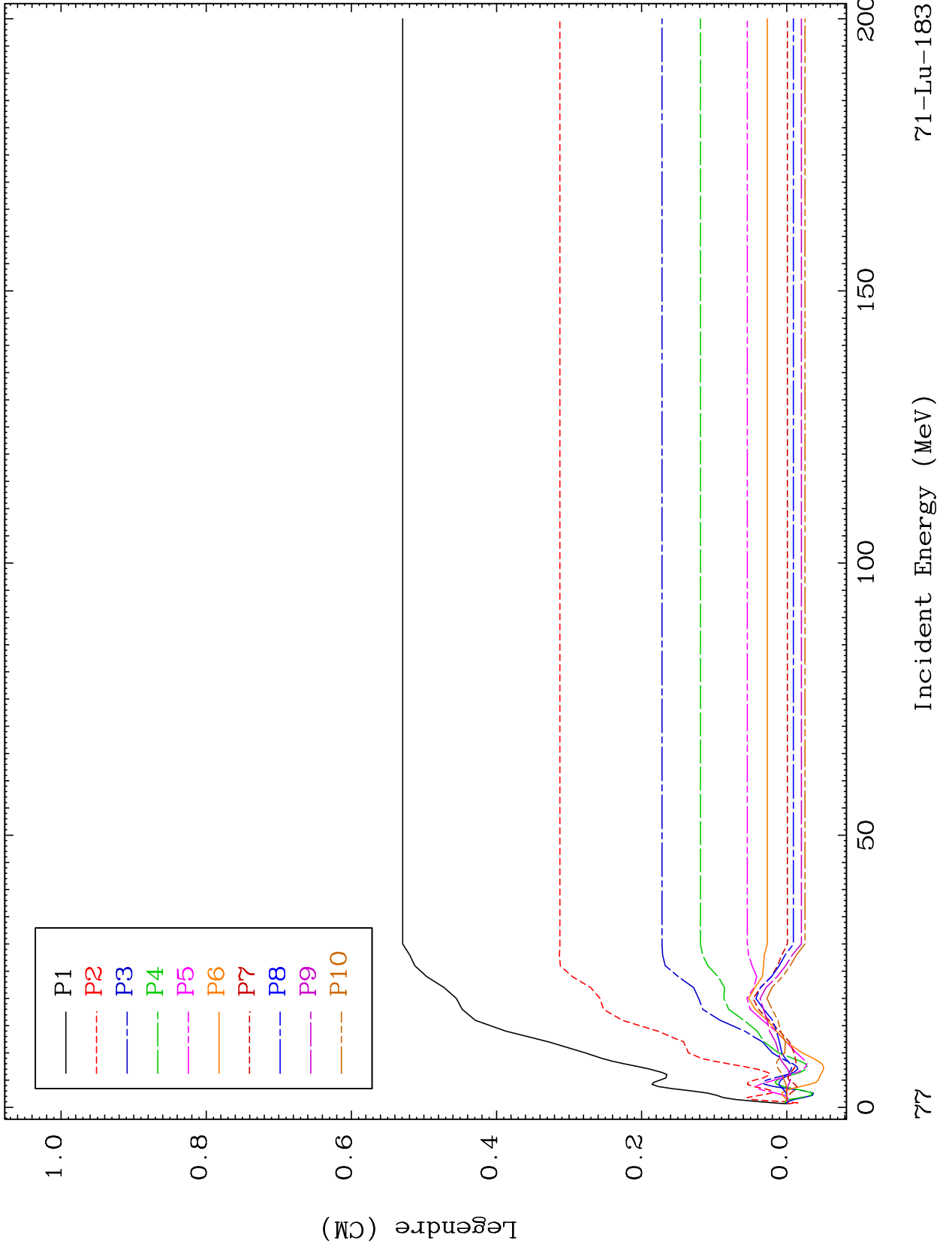
71-Lu-183



MAT 7149

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

71-Lu-183



71-Lu-183

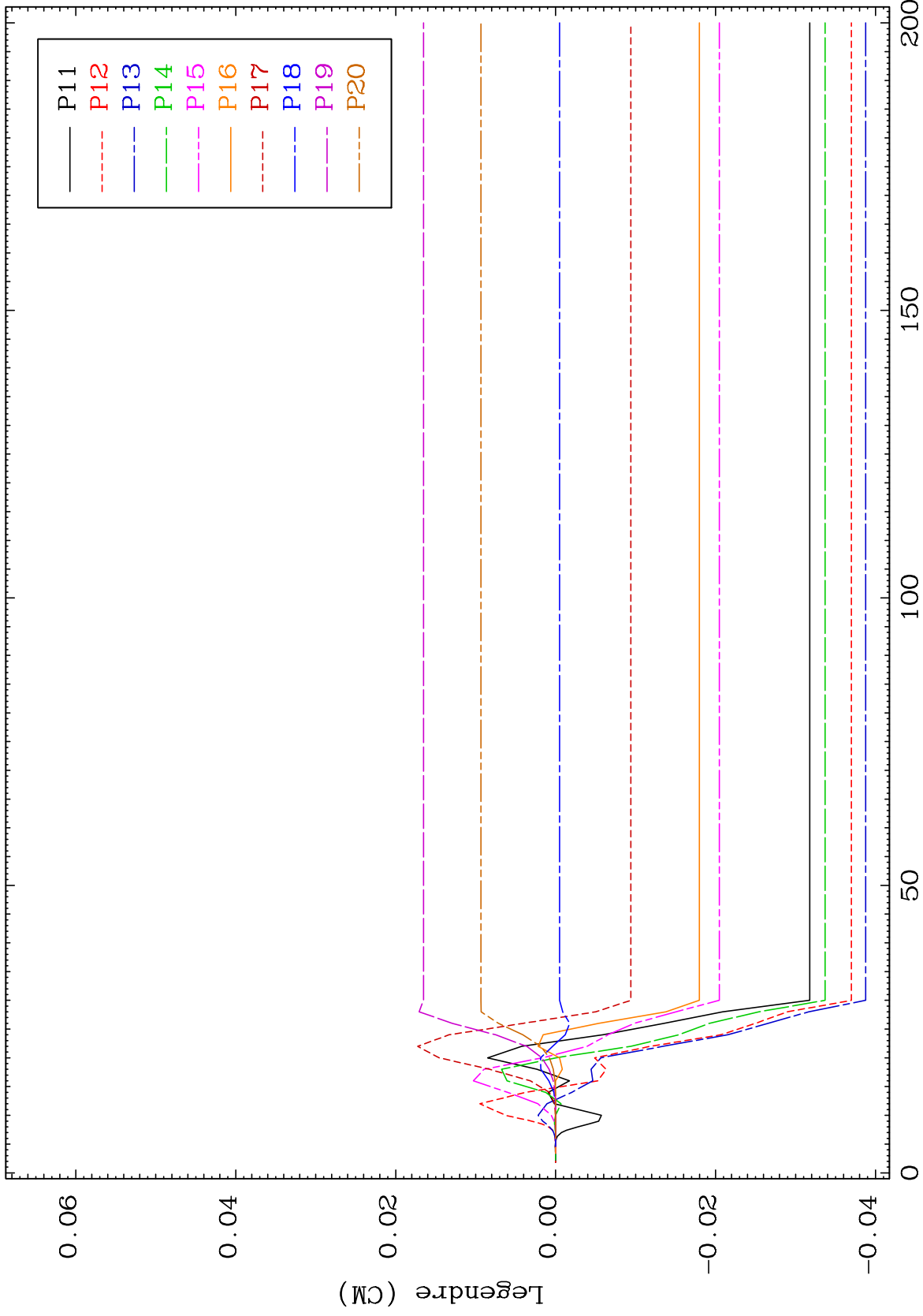
Incident Energy (MeV)

77

MAT 7149

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

71-Lu-183



78

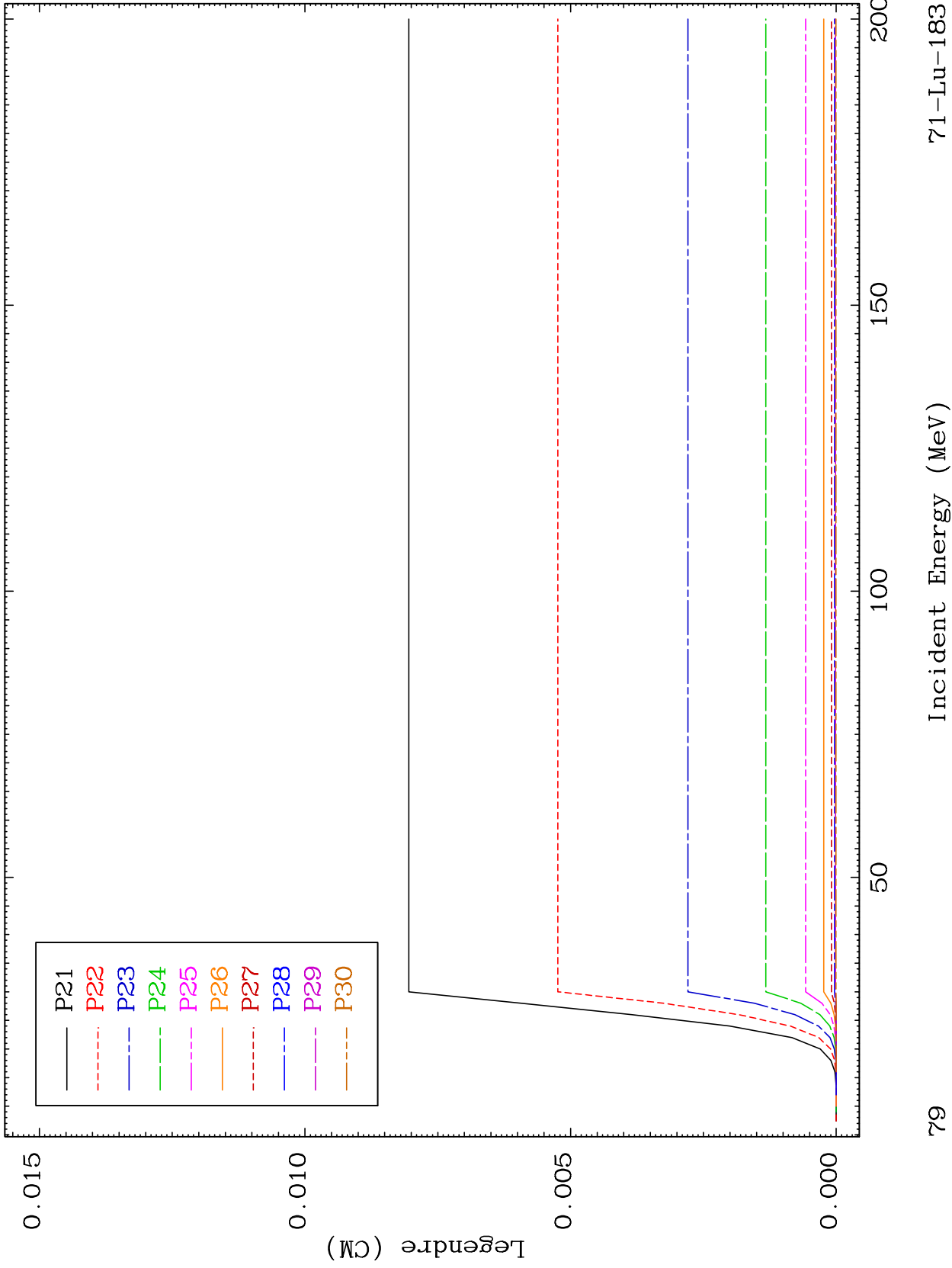
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



79

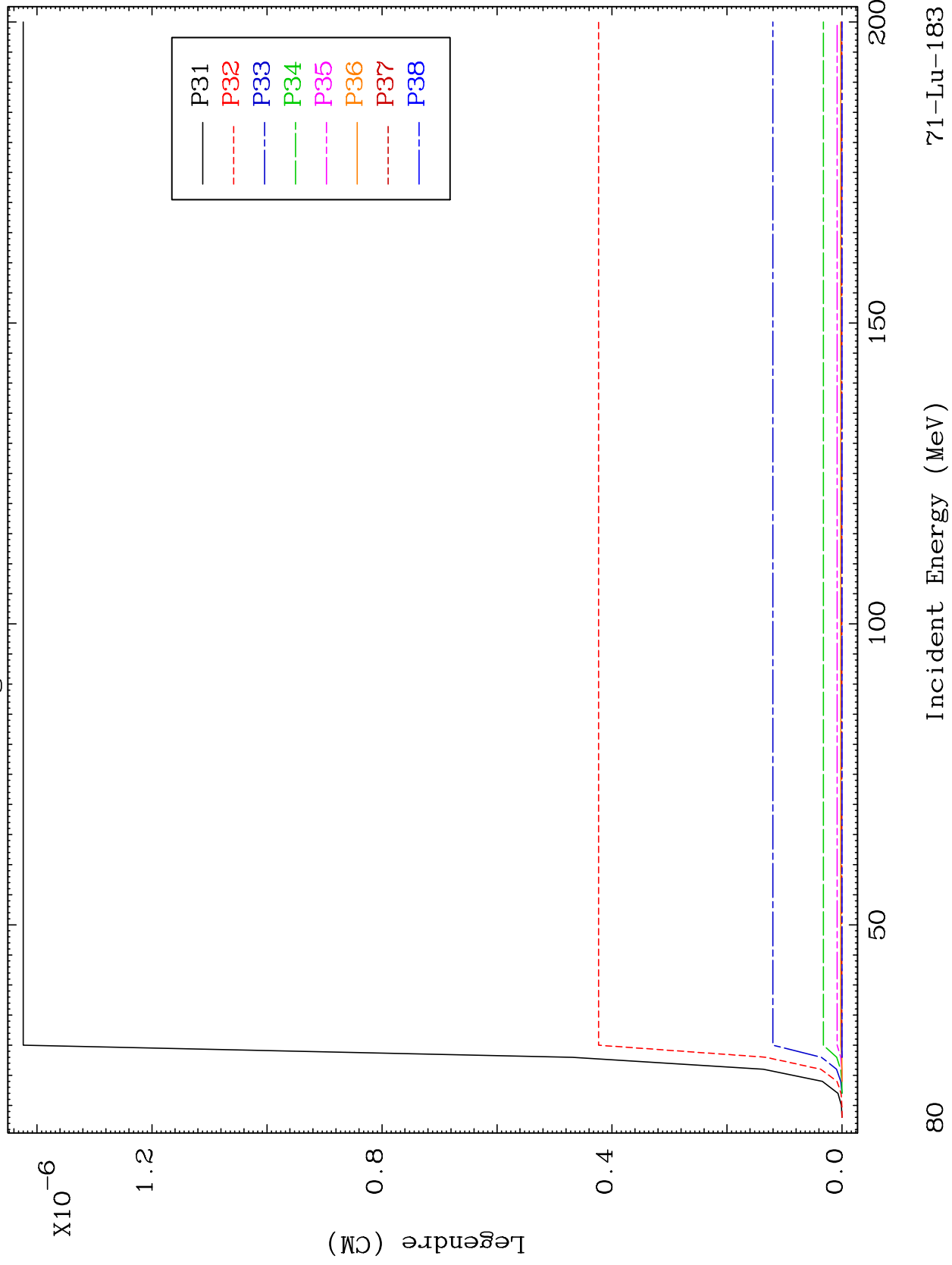
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

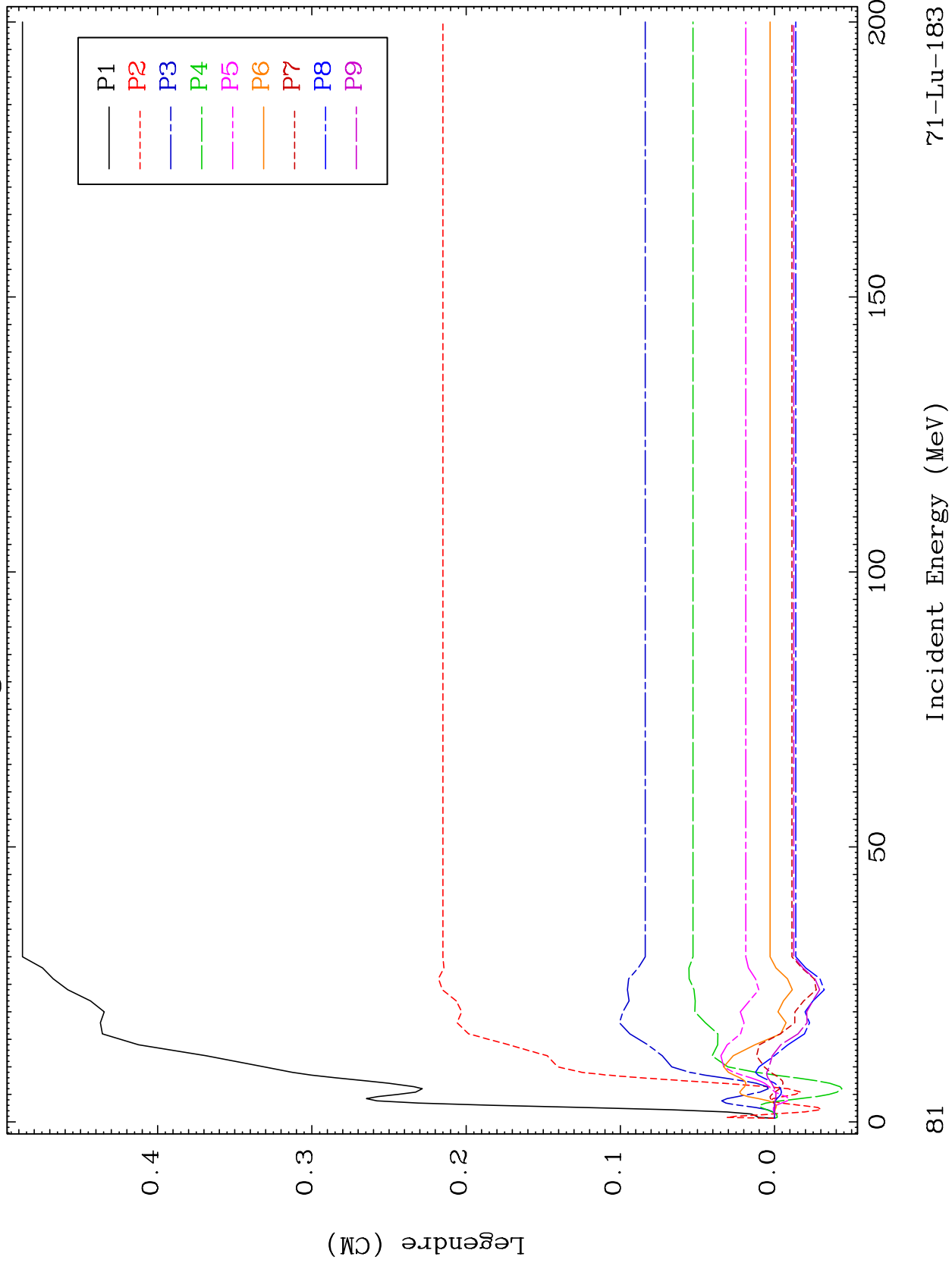
71-Lu-183



MAT 7149

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

71-Lu-183



71-Lu-183

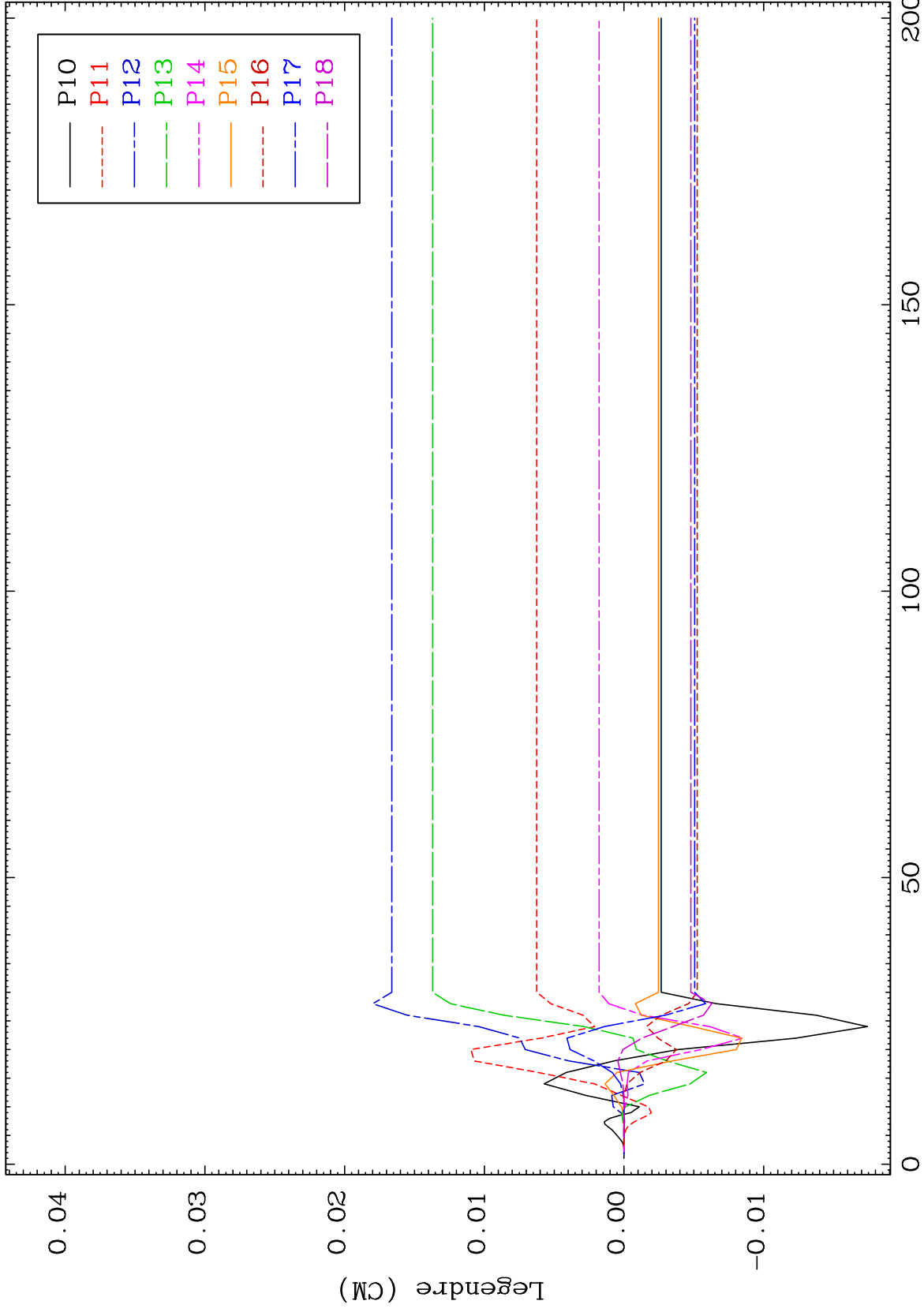
Incident Energy (MeV)

81

MAT 7149

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

71-Lu-183



82

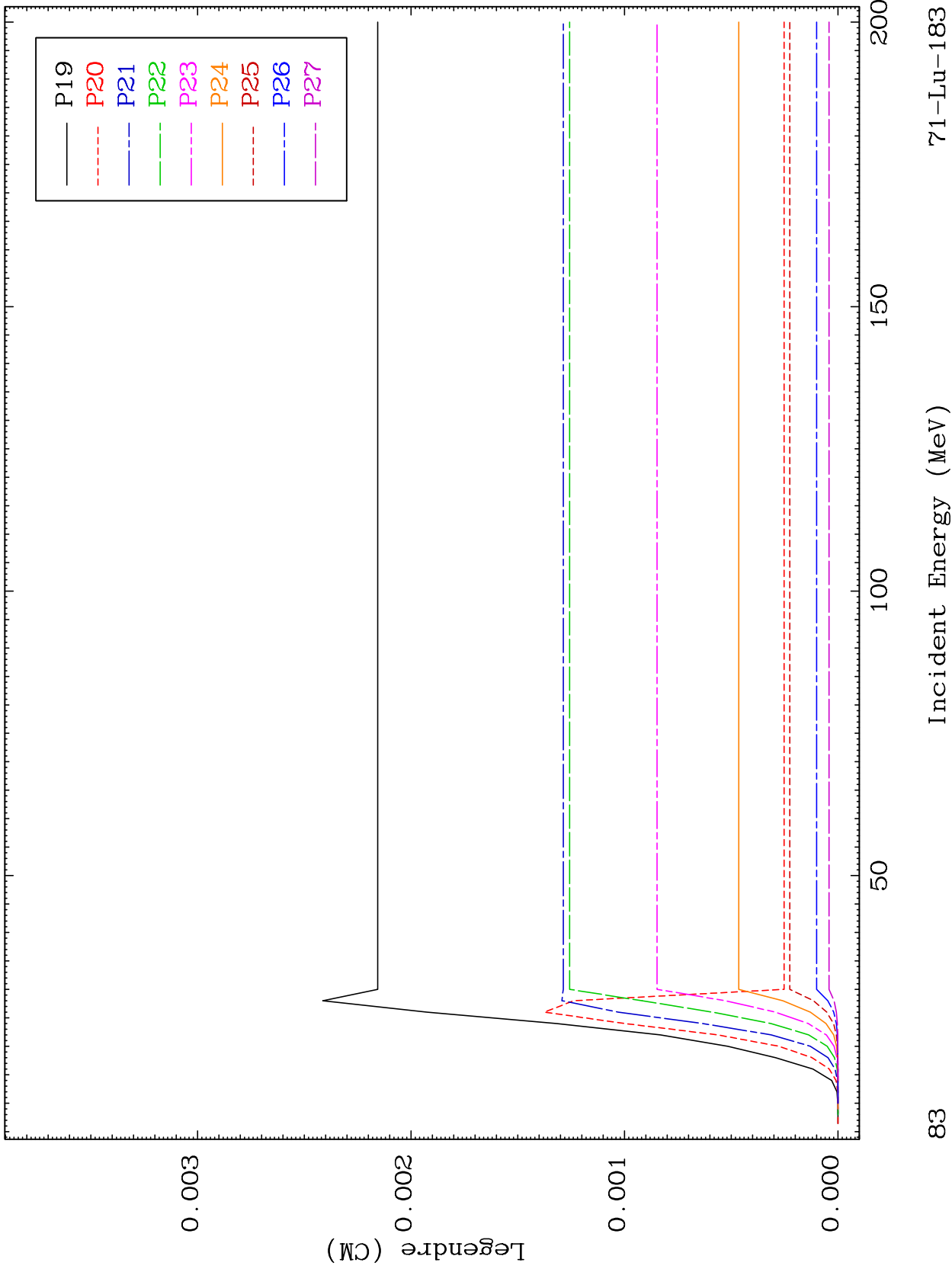
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



83

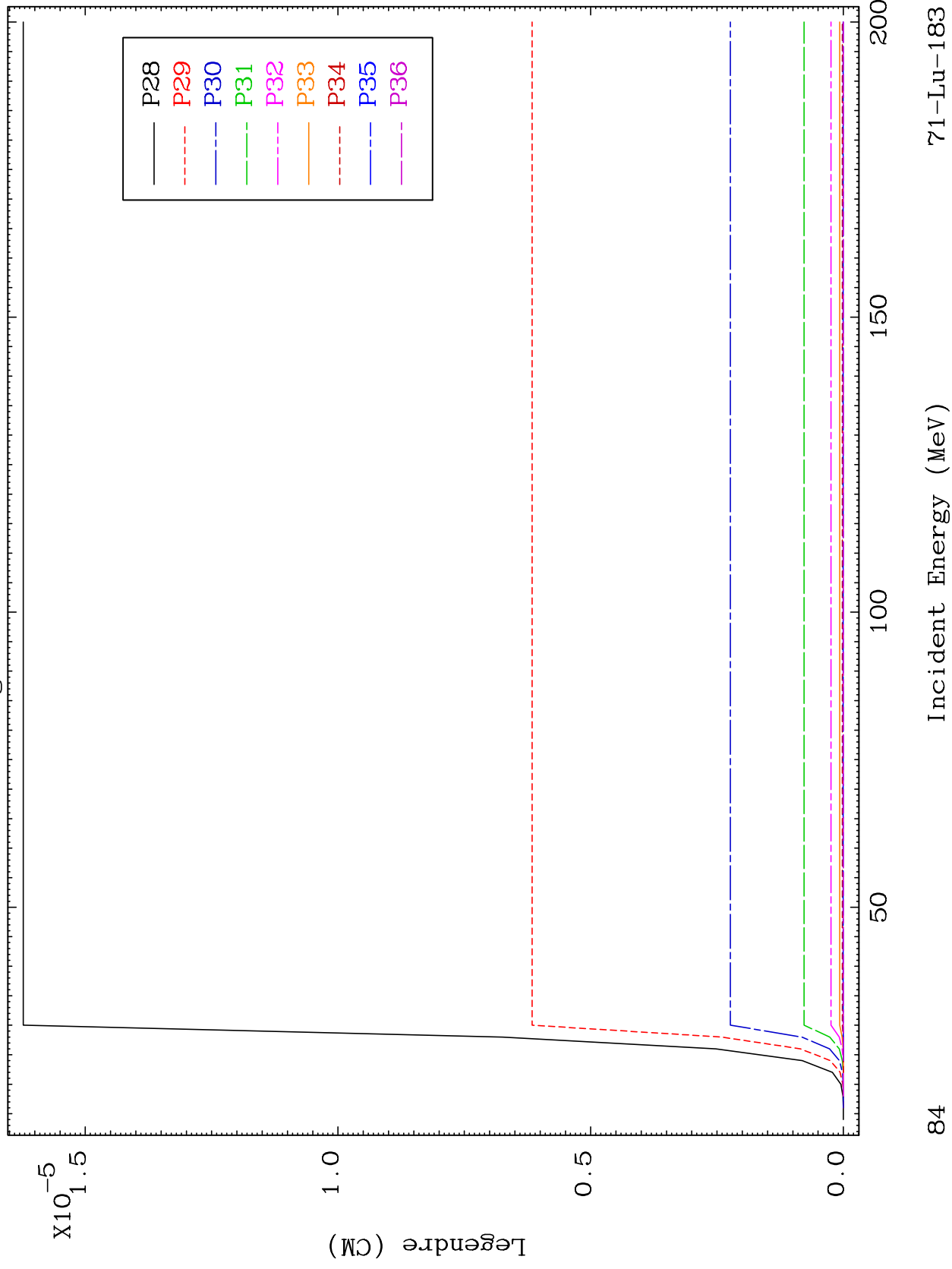
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

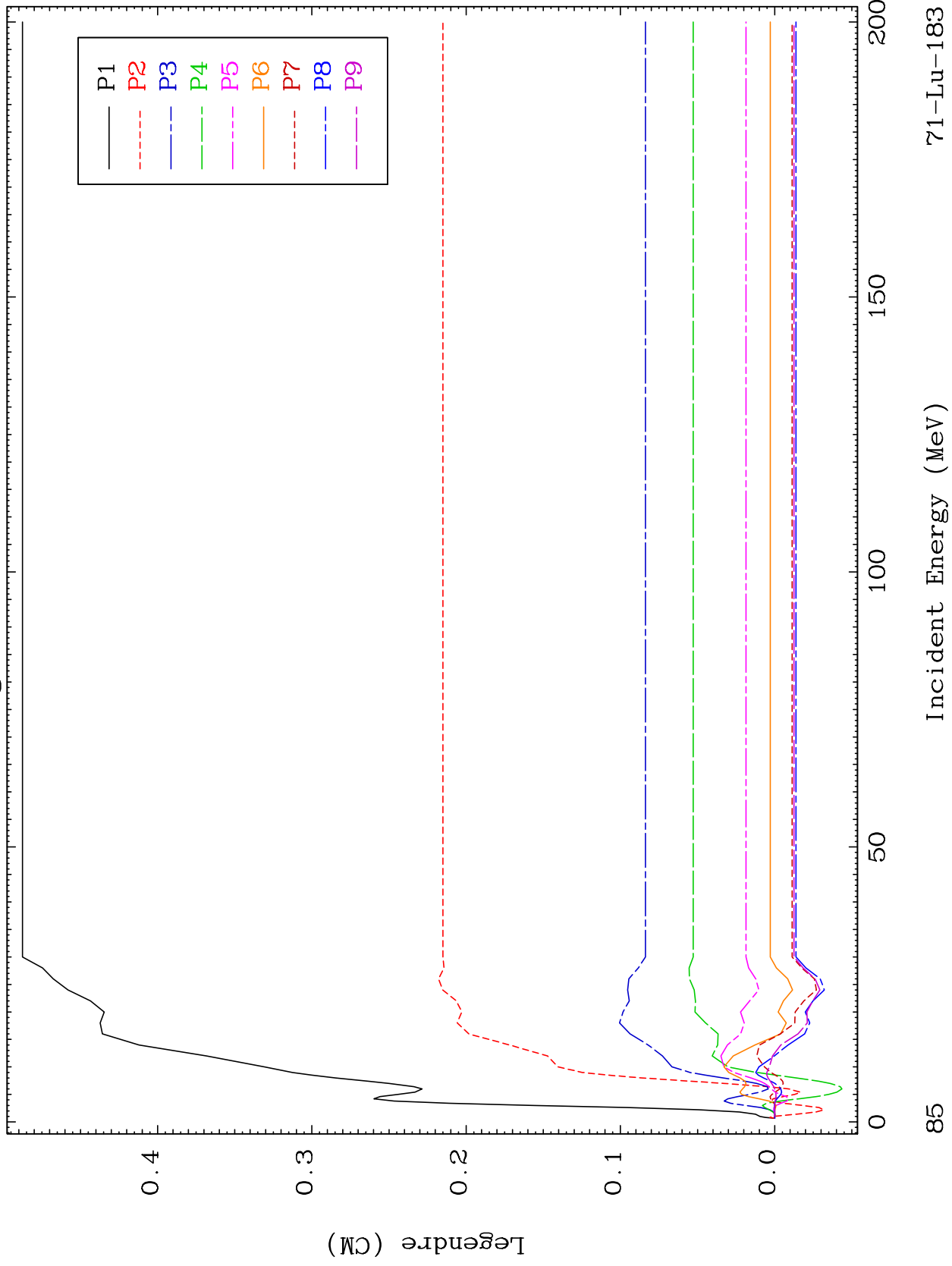
71-Lu-183



MAT 7149

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

71-Lu-183



71-Lu-183

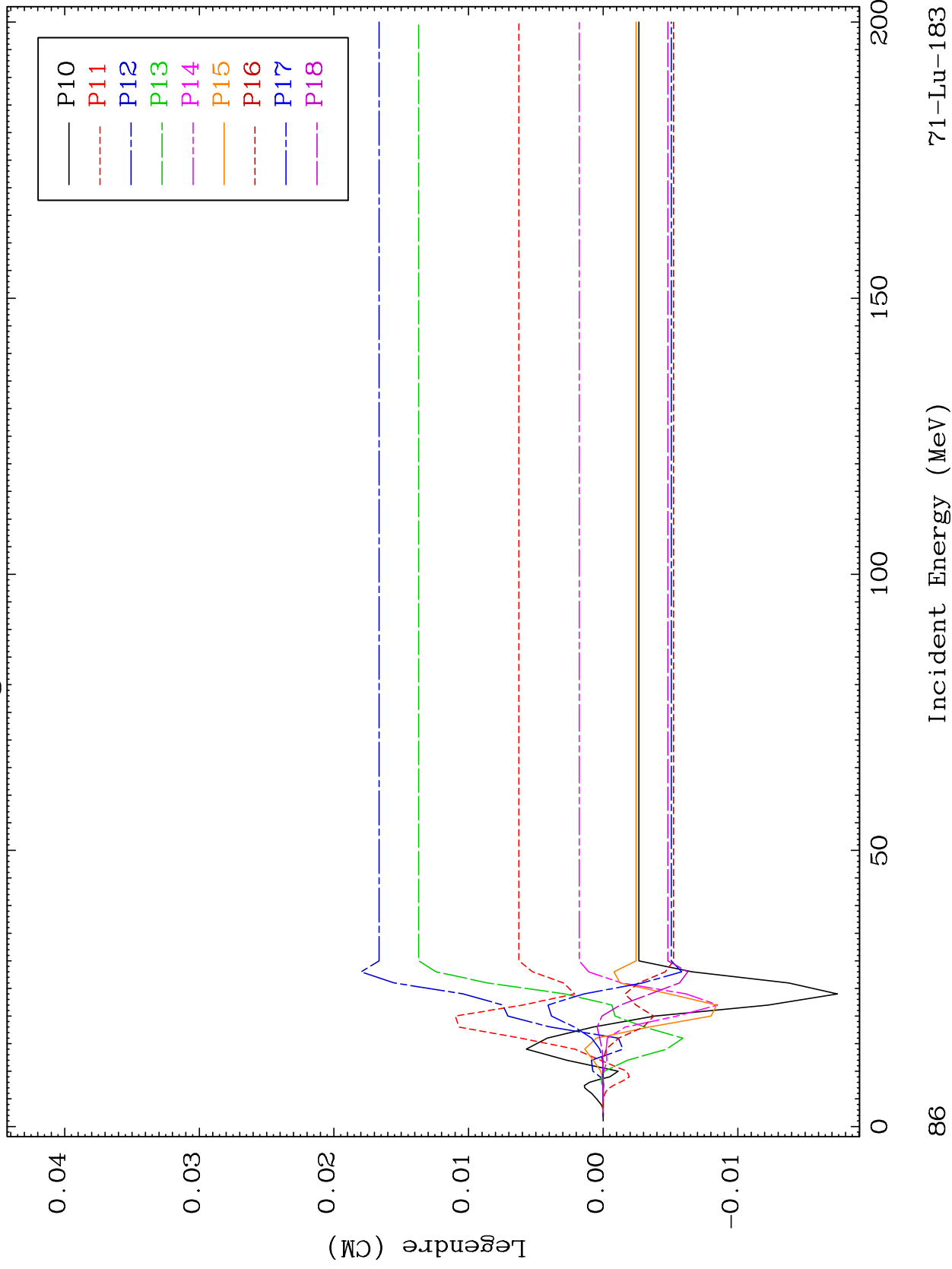
Incident Energy (MeV)

85

MAT 7149

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

71-Lu-183



86

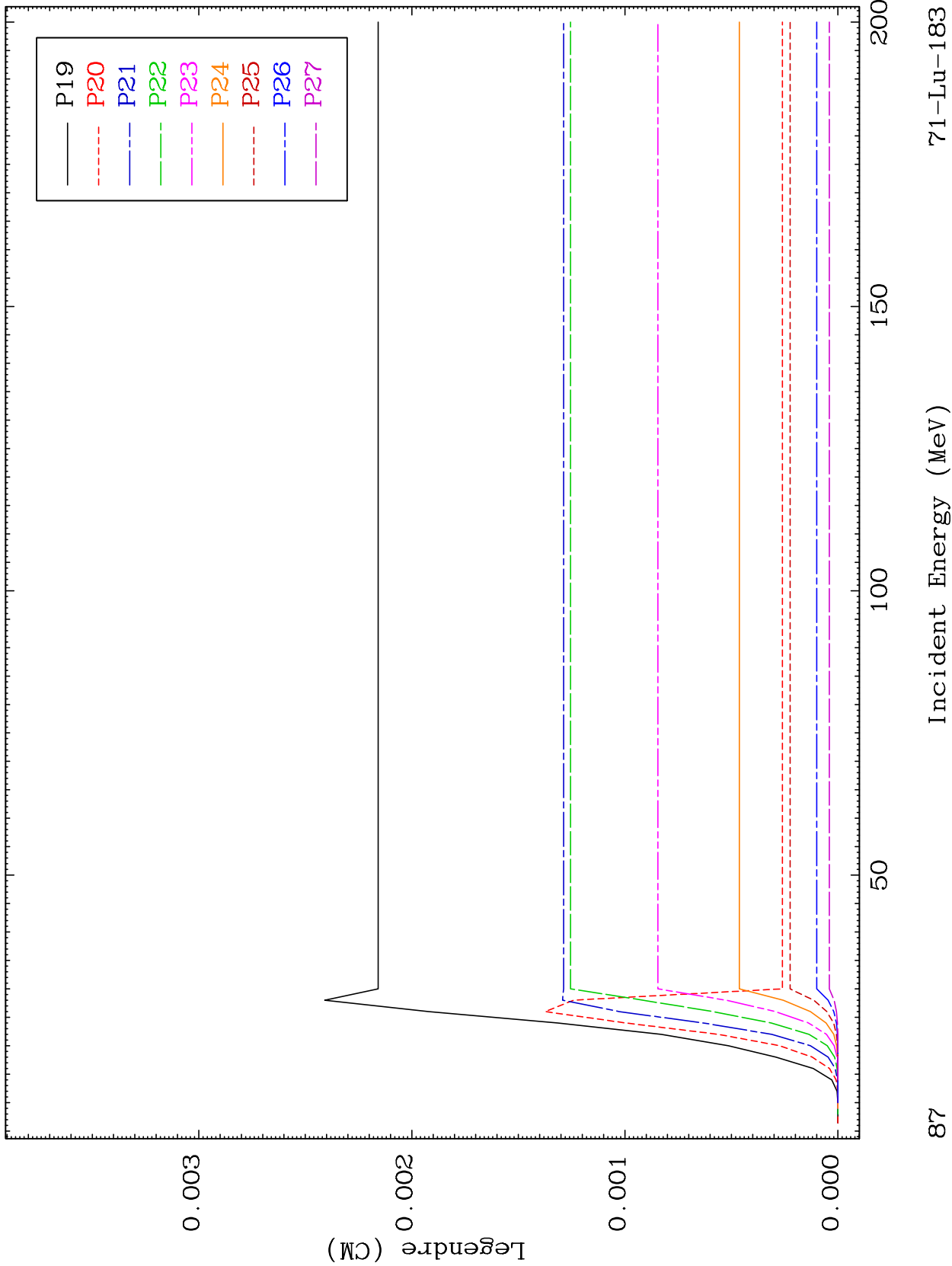
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



87

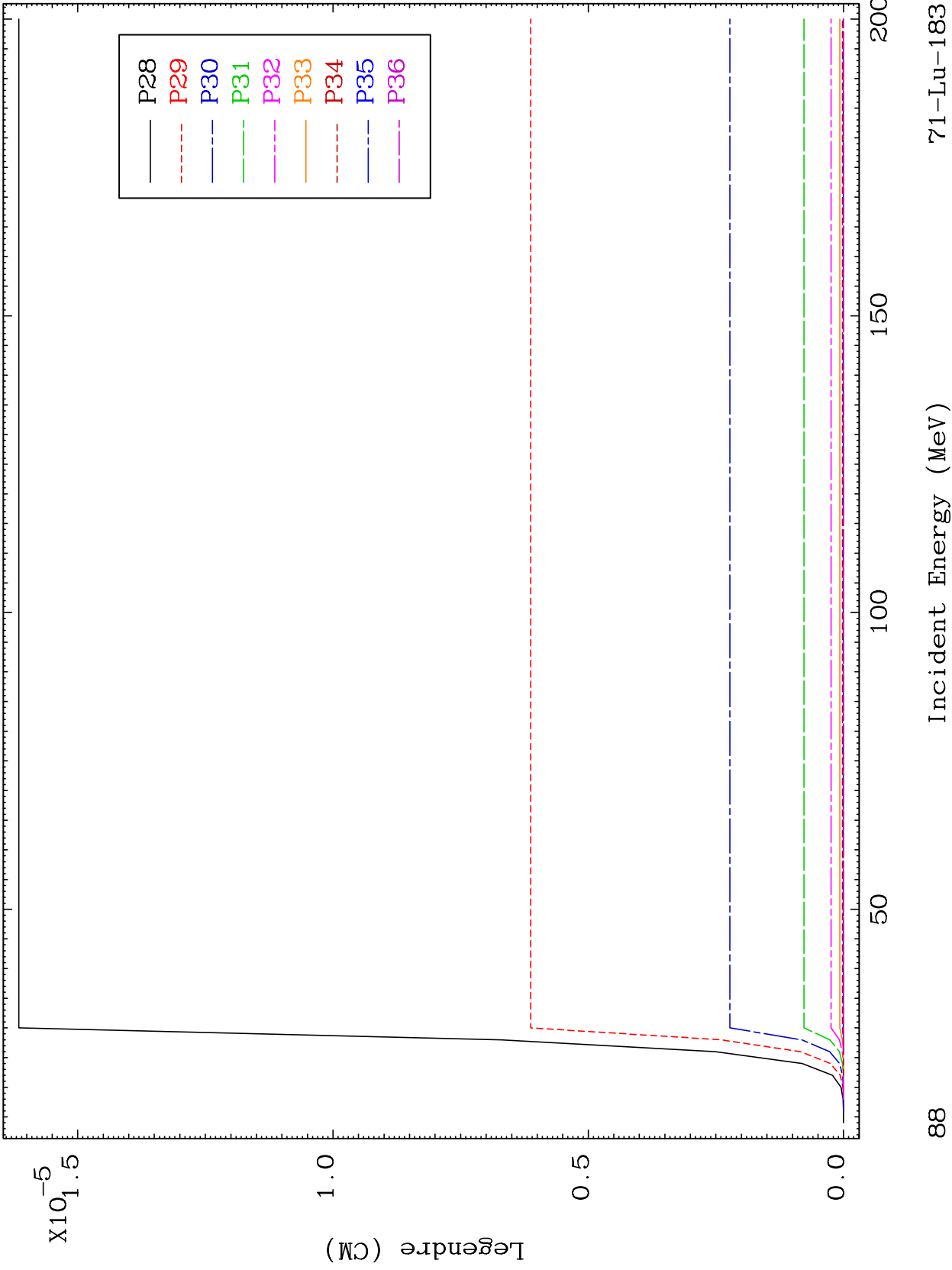
Incident Energy (MeV)

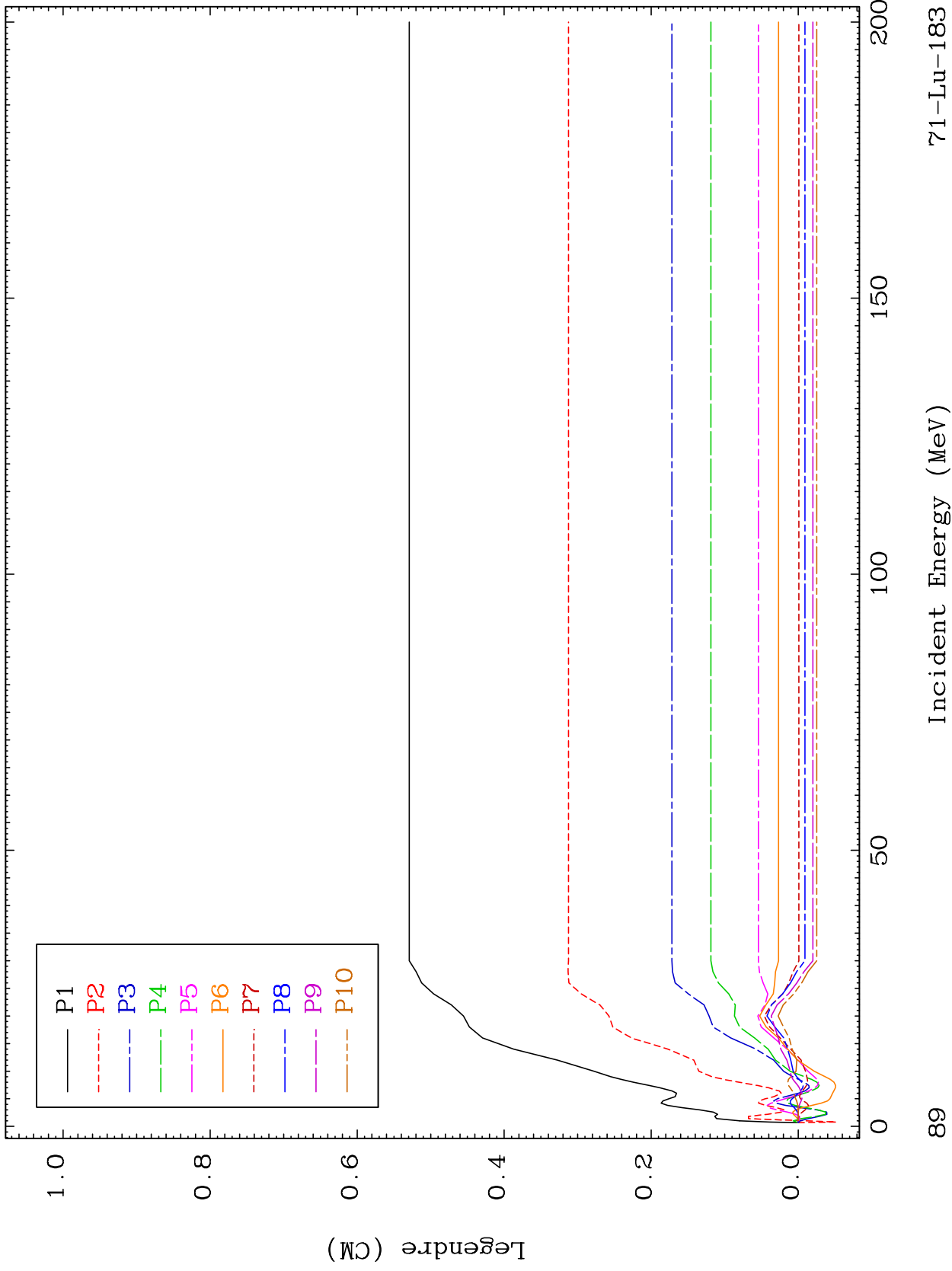
71-Lu-183

MAT 7149

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

71-Lu-183

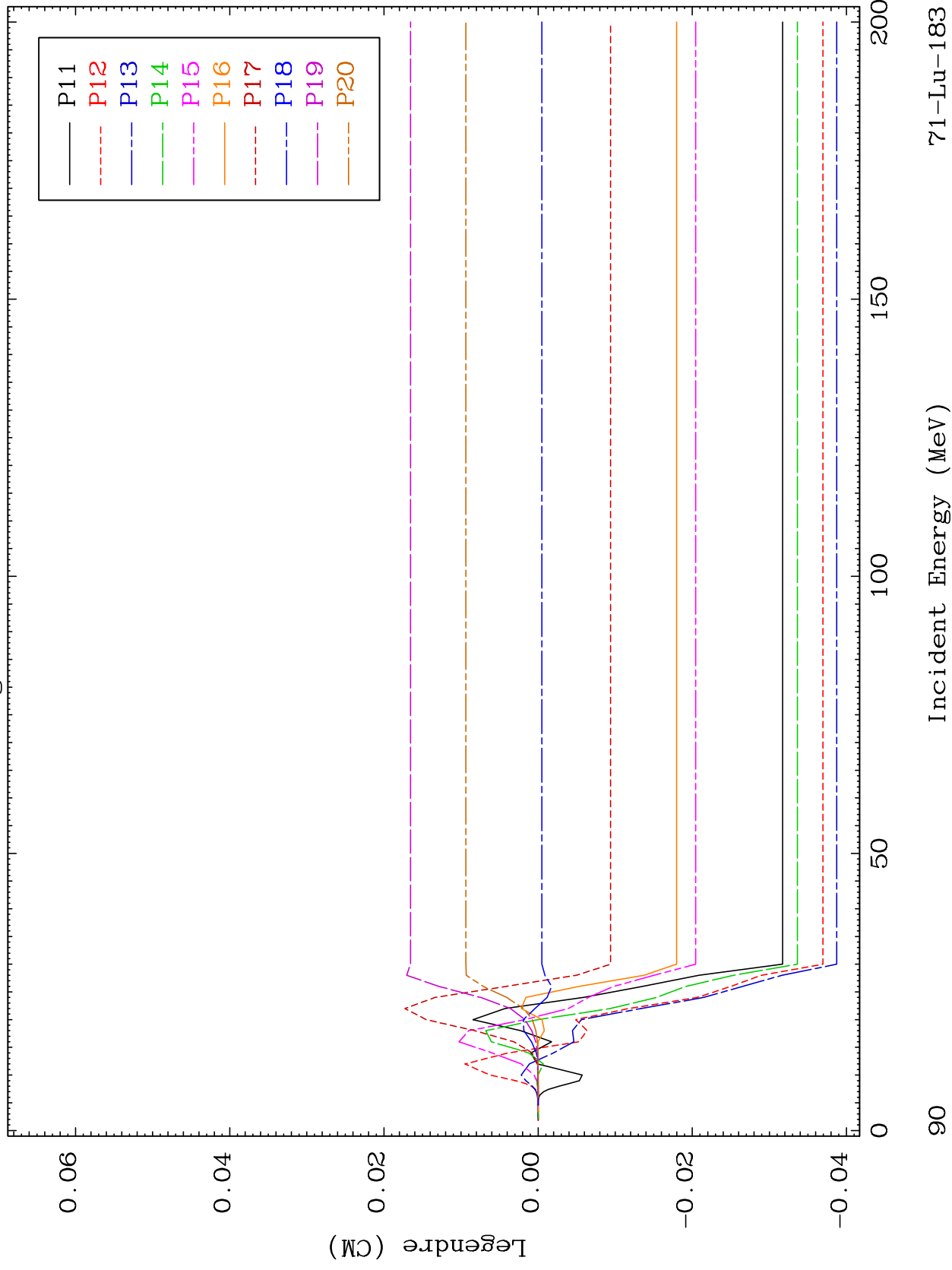




MAT 7149

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

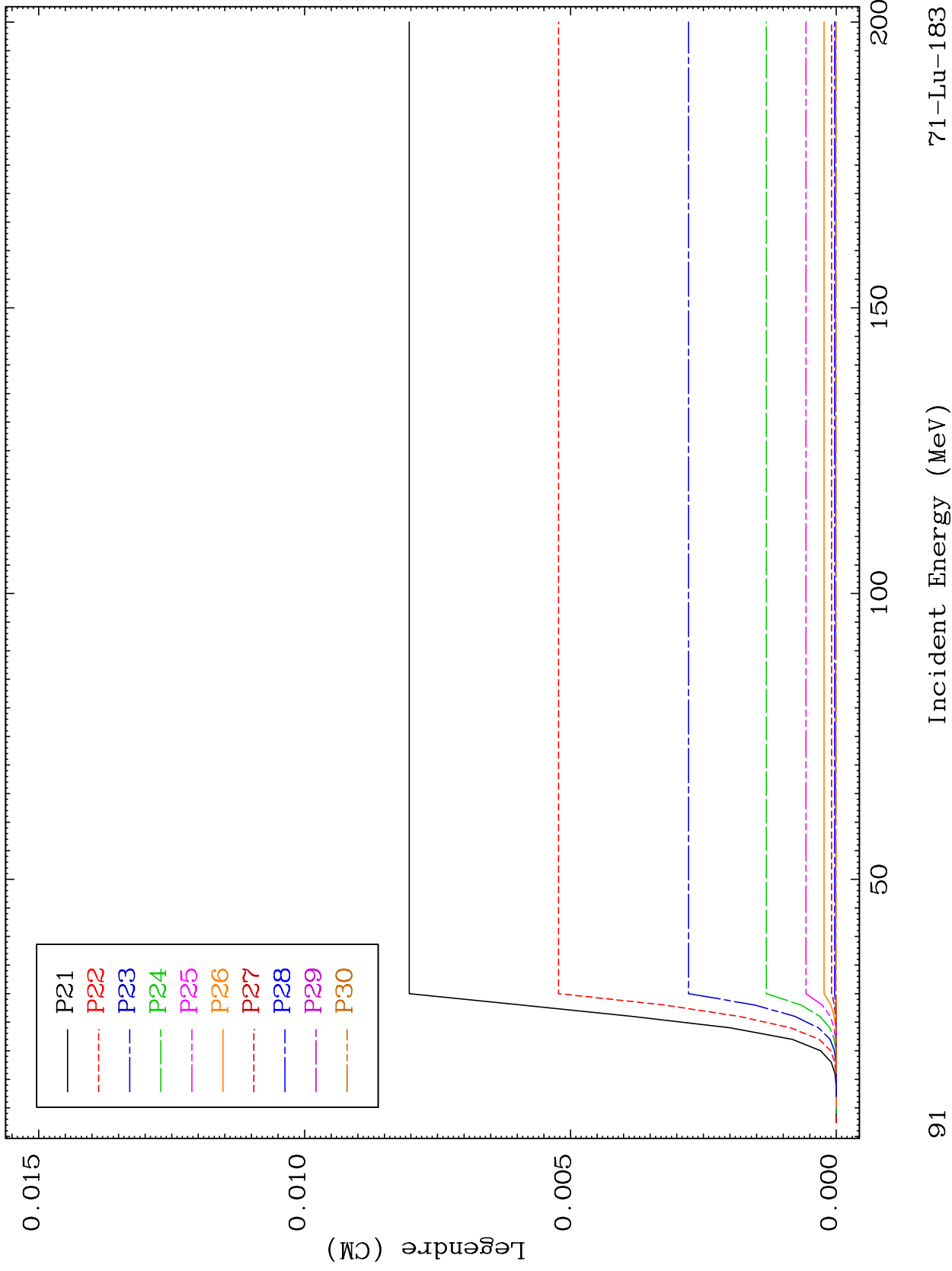
71-Lu-183



71-Lu-183

Incident Energy (MeV)

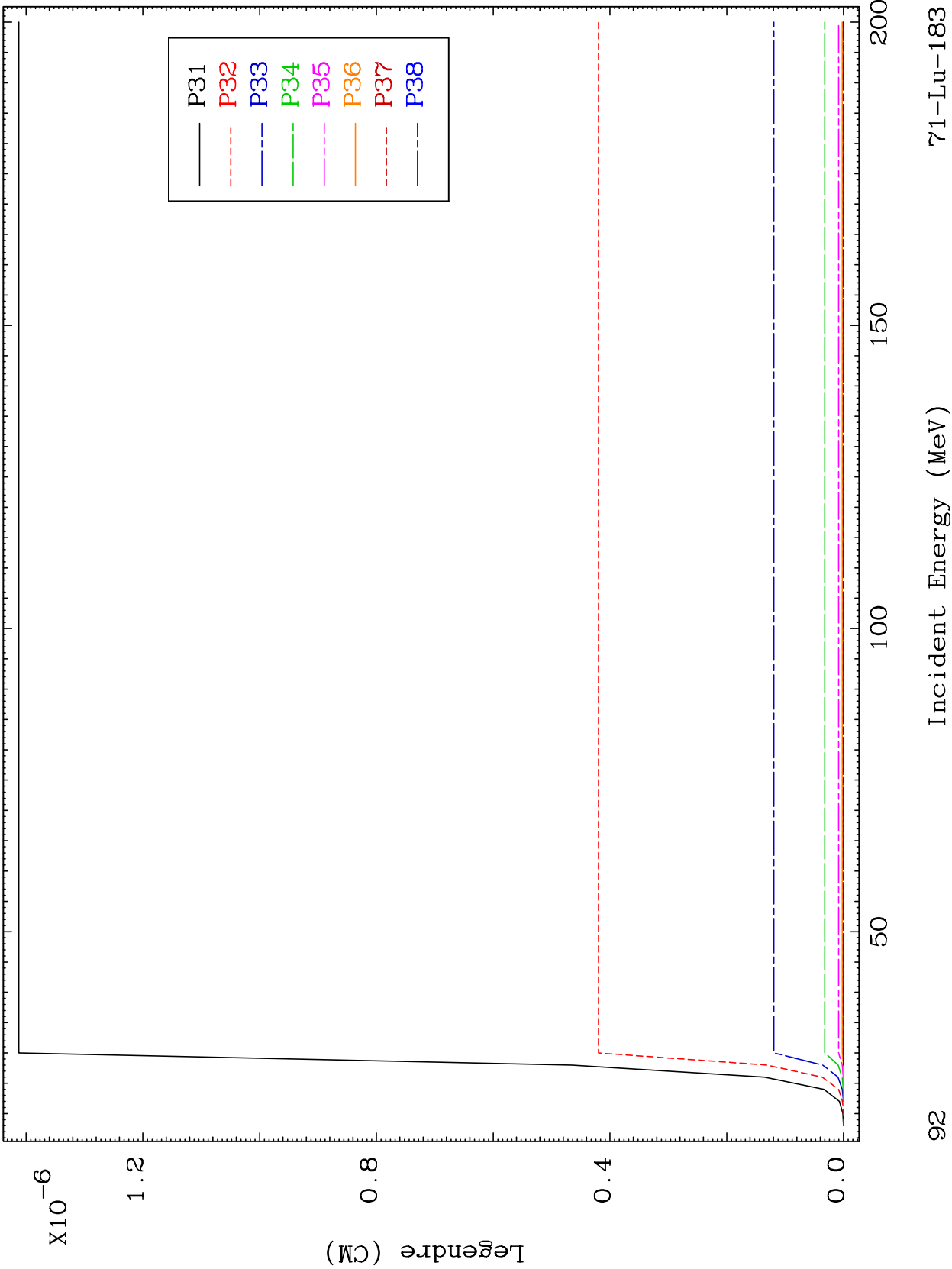
90



MAT 7149

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

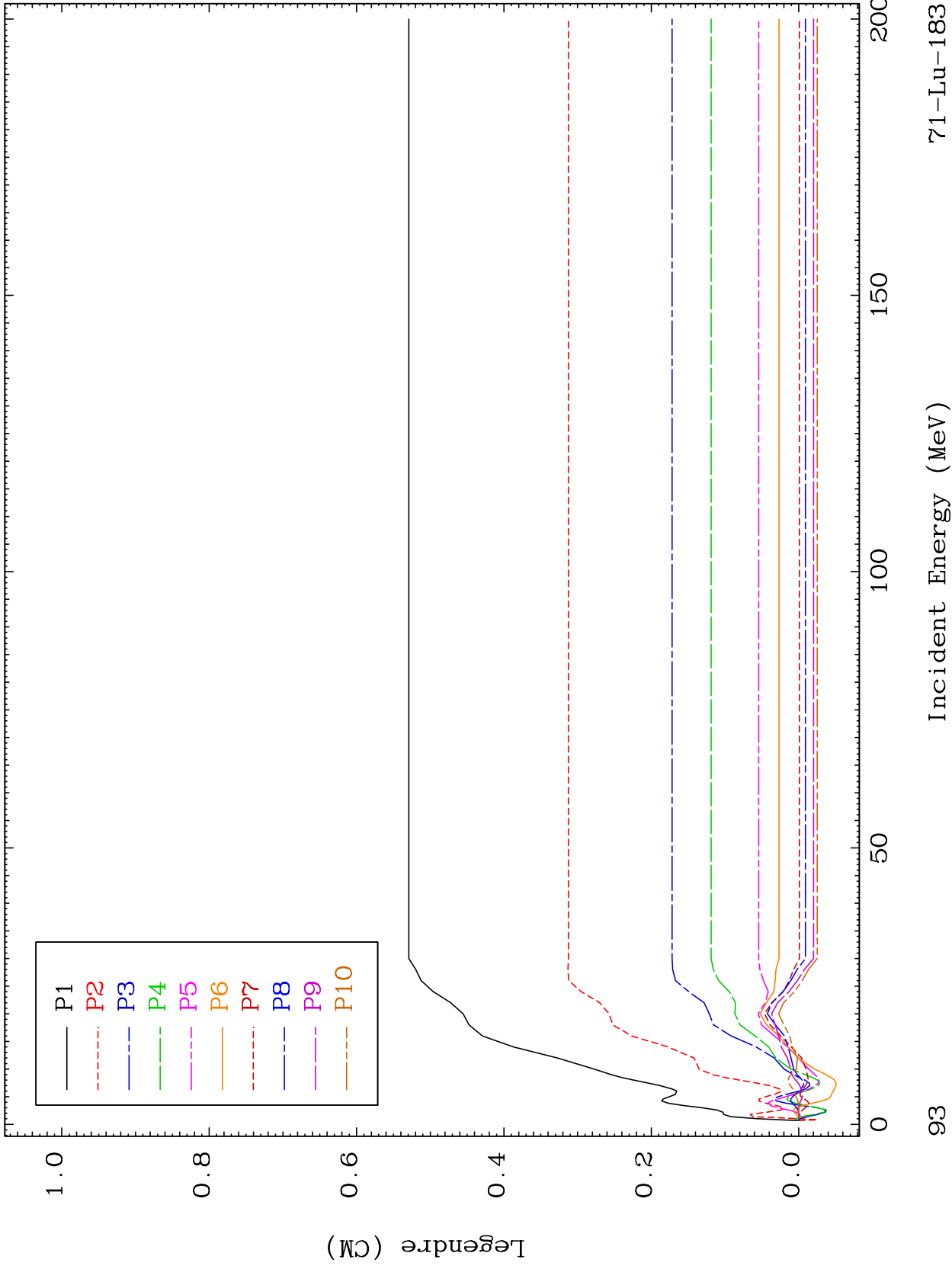
71-Lu-183



92

Incident Energy (MeV)

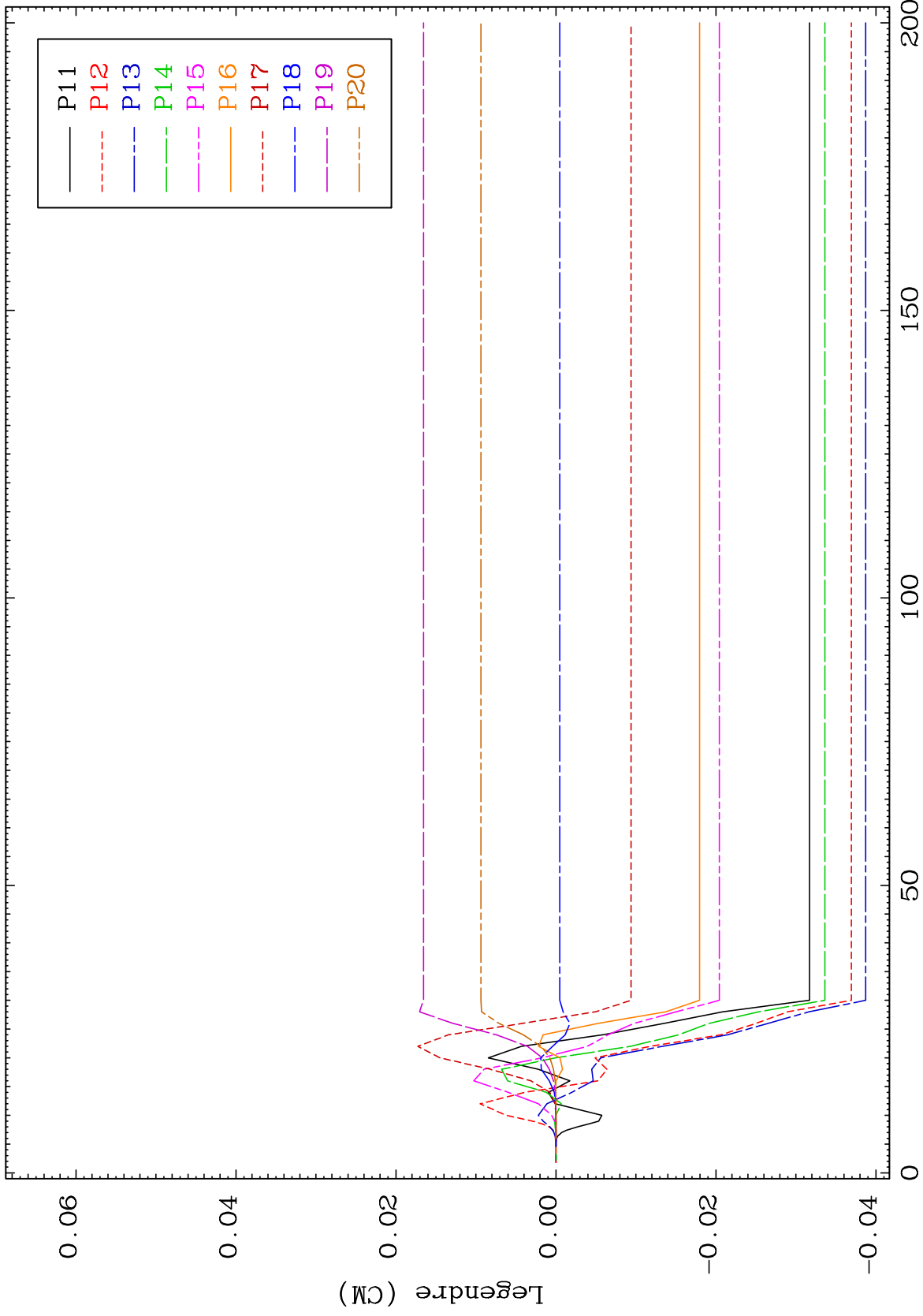
71-Lu-183



MAT 7149

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

71-Lu-183



94

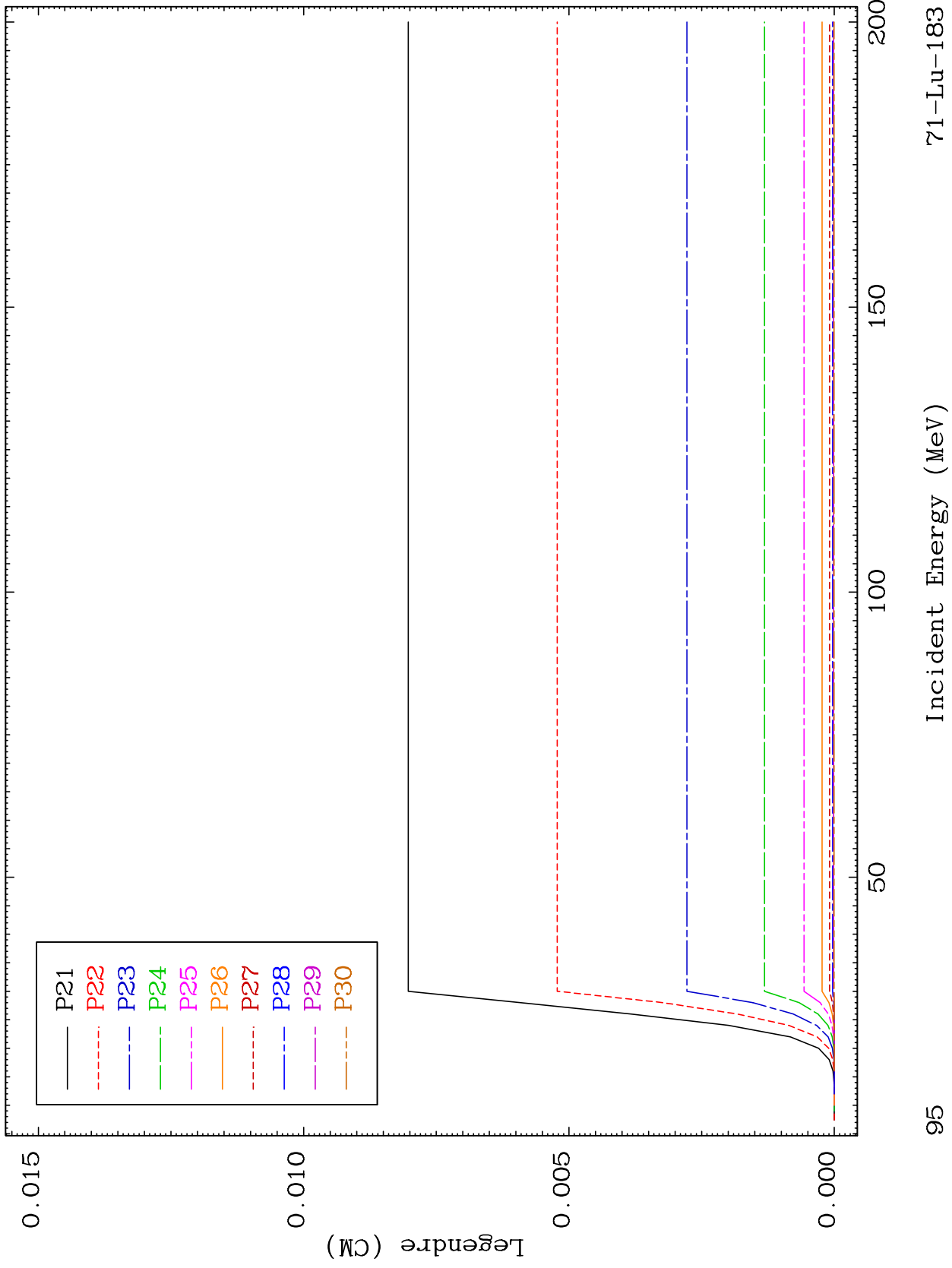
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



71-Lu-183

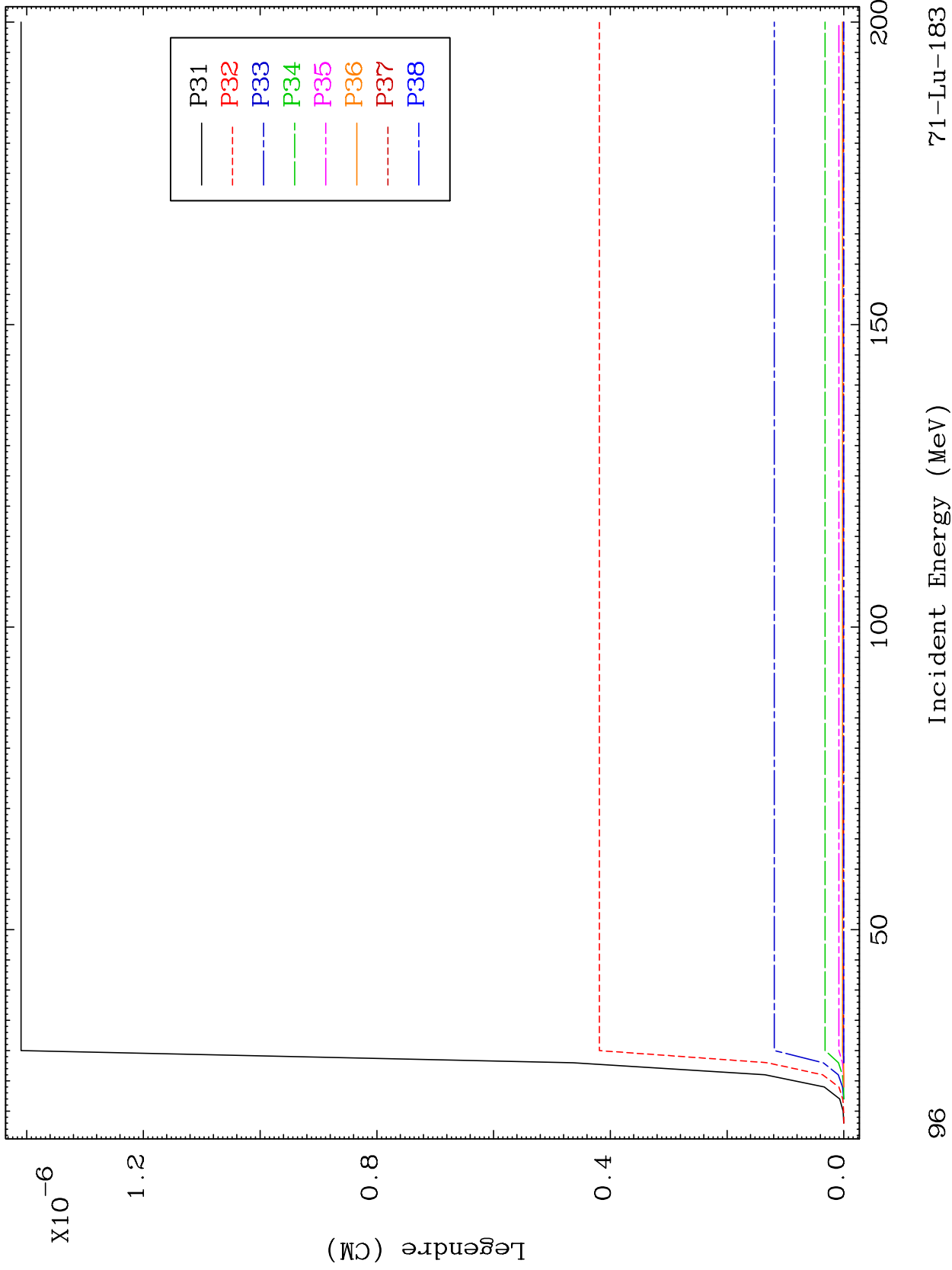
Incident Energy (MeV)

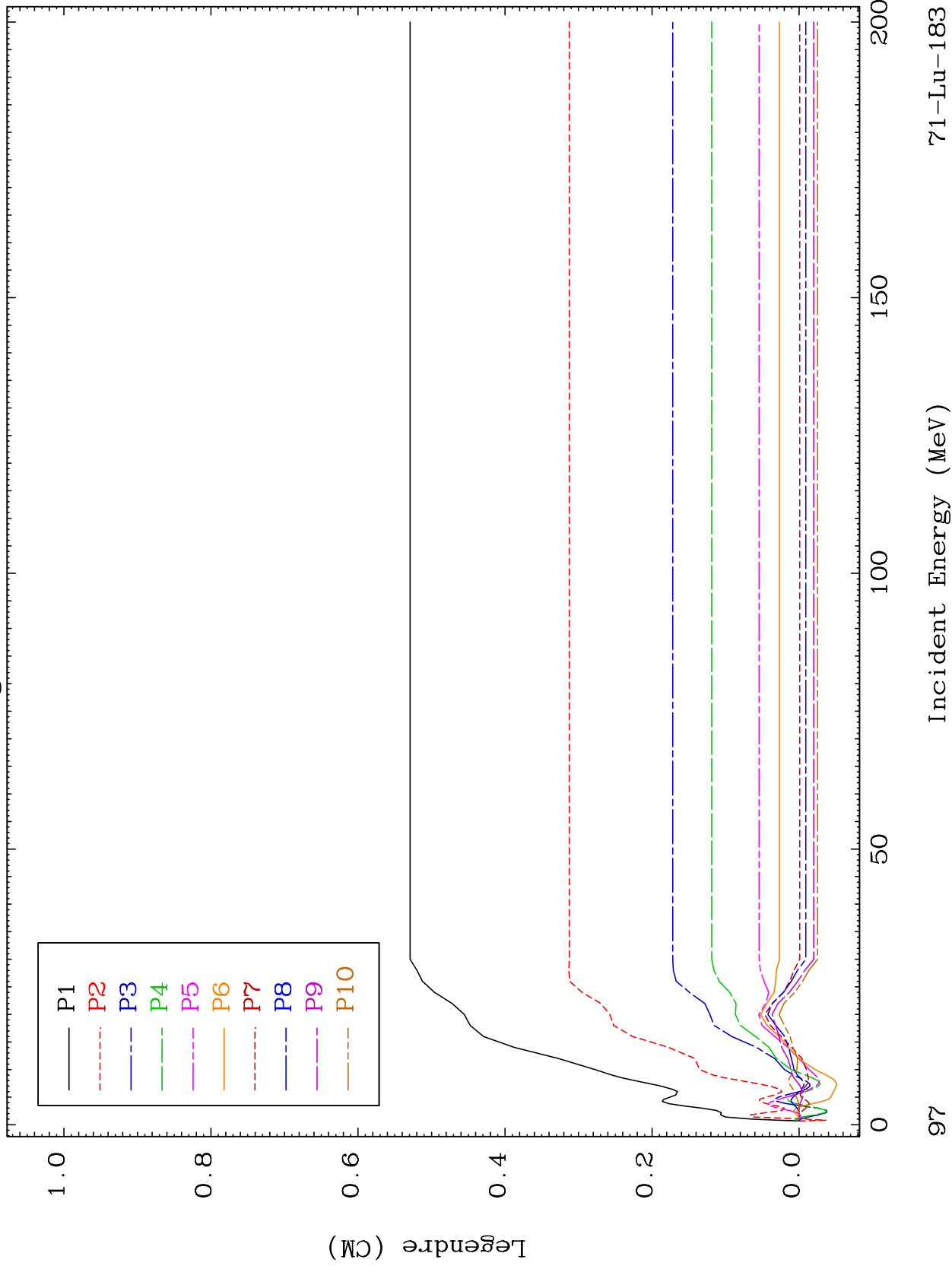
95

MAT 7149

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

71-Lu-183

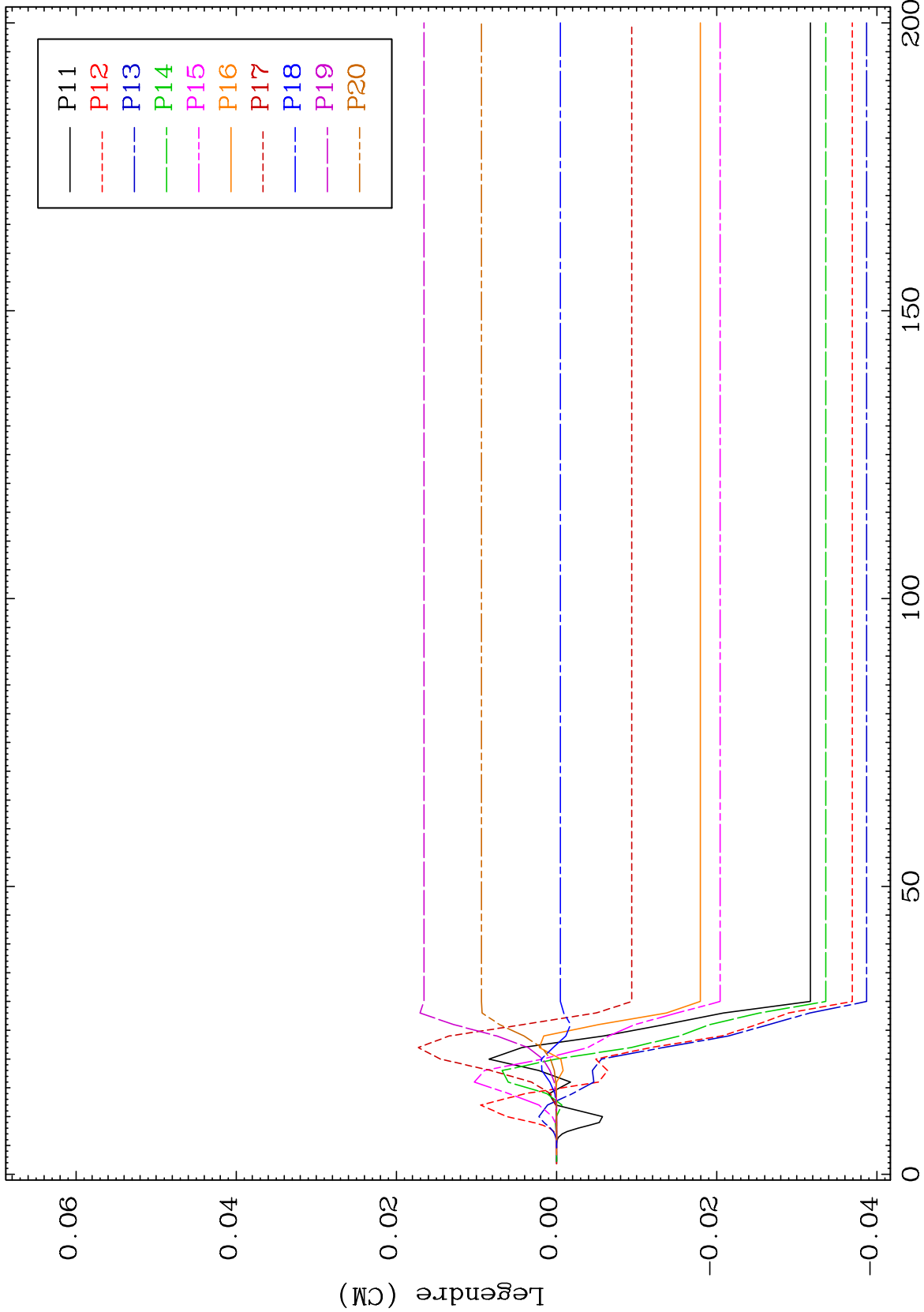




MAT 7149

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

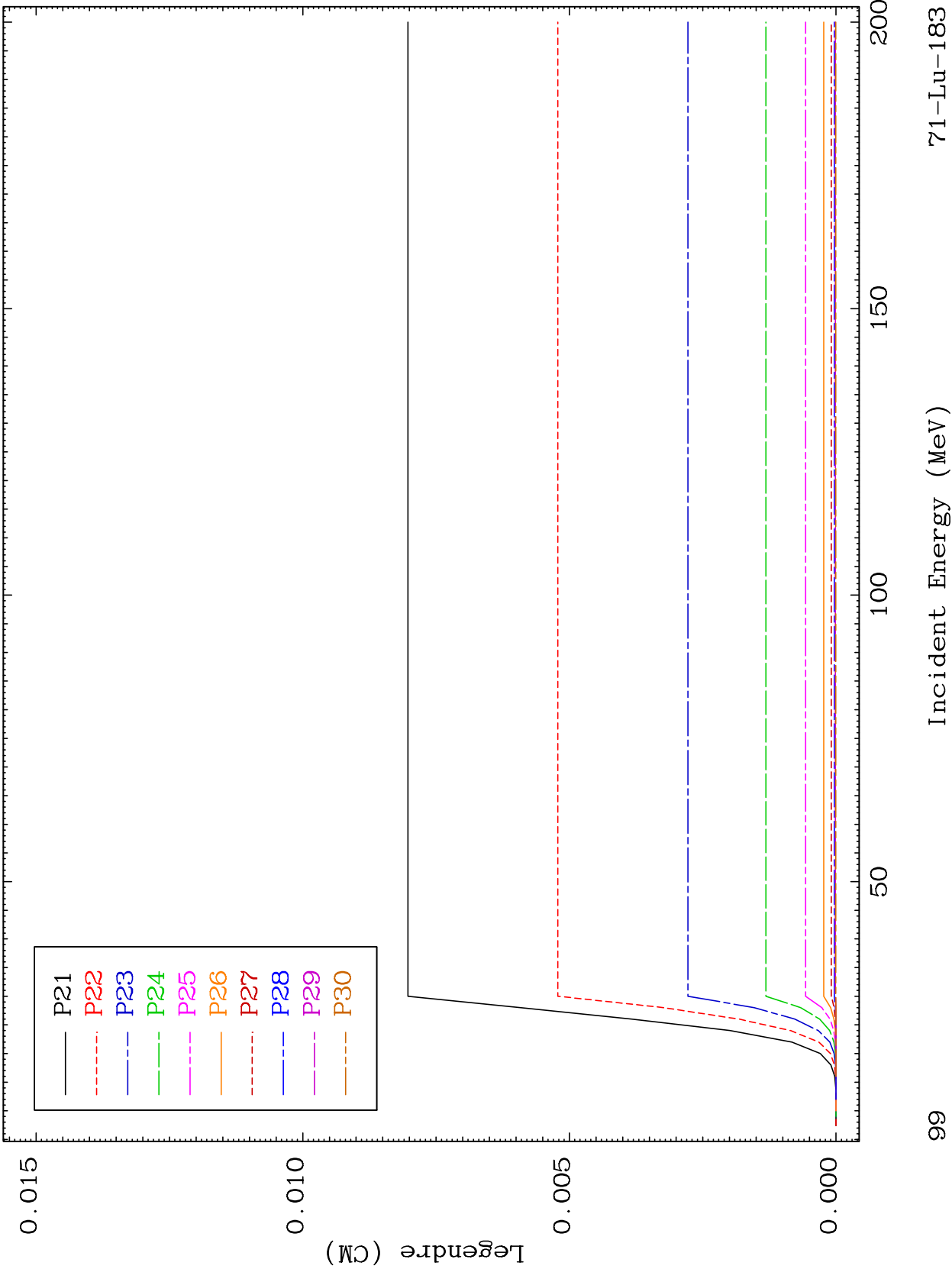
71-Lu-183



98

Incident Energy (MeV)

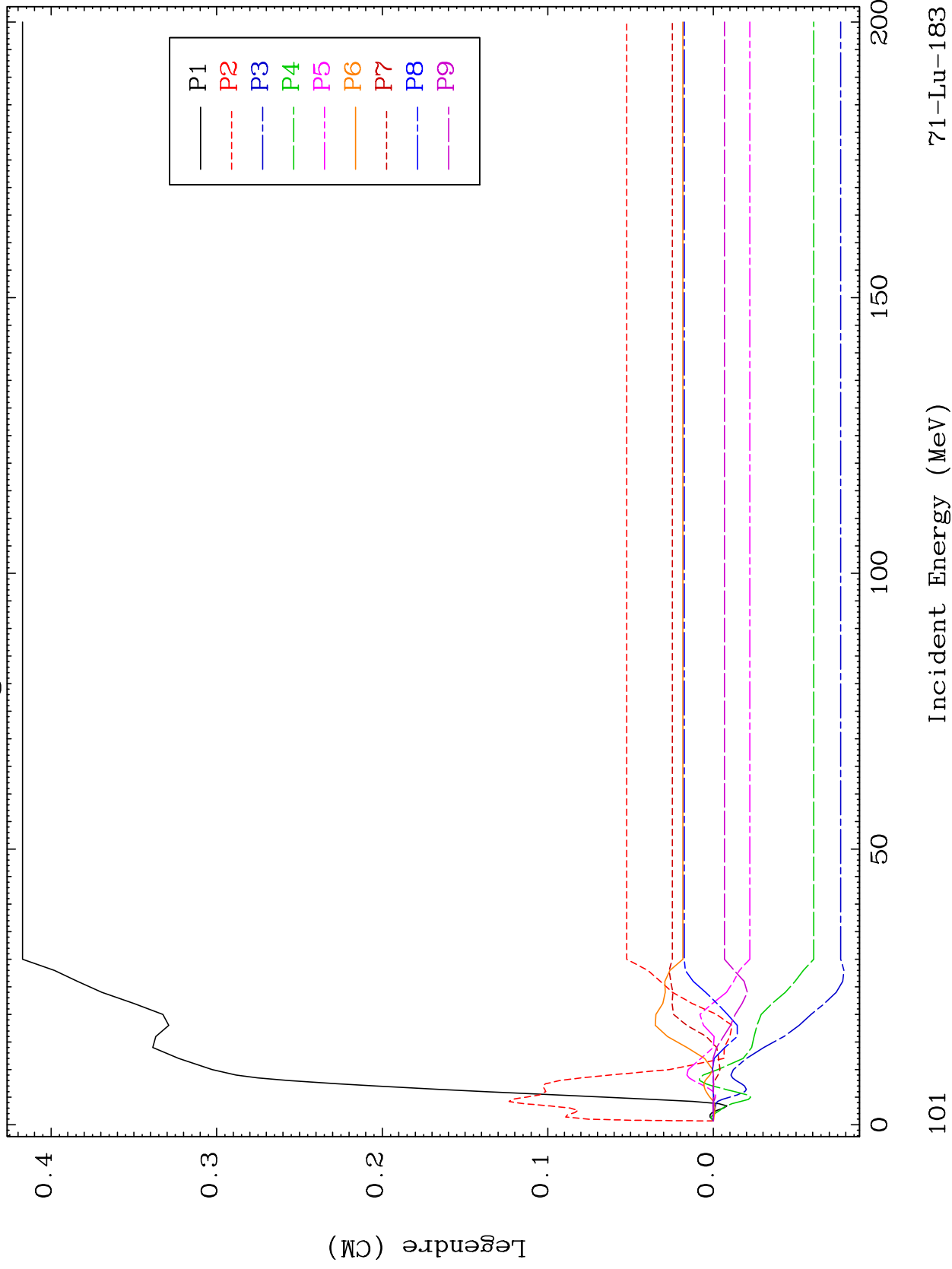
71-Lu-183



MAT 7149

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

71-Lu-183



71-Lu-183

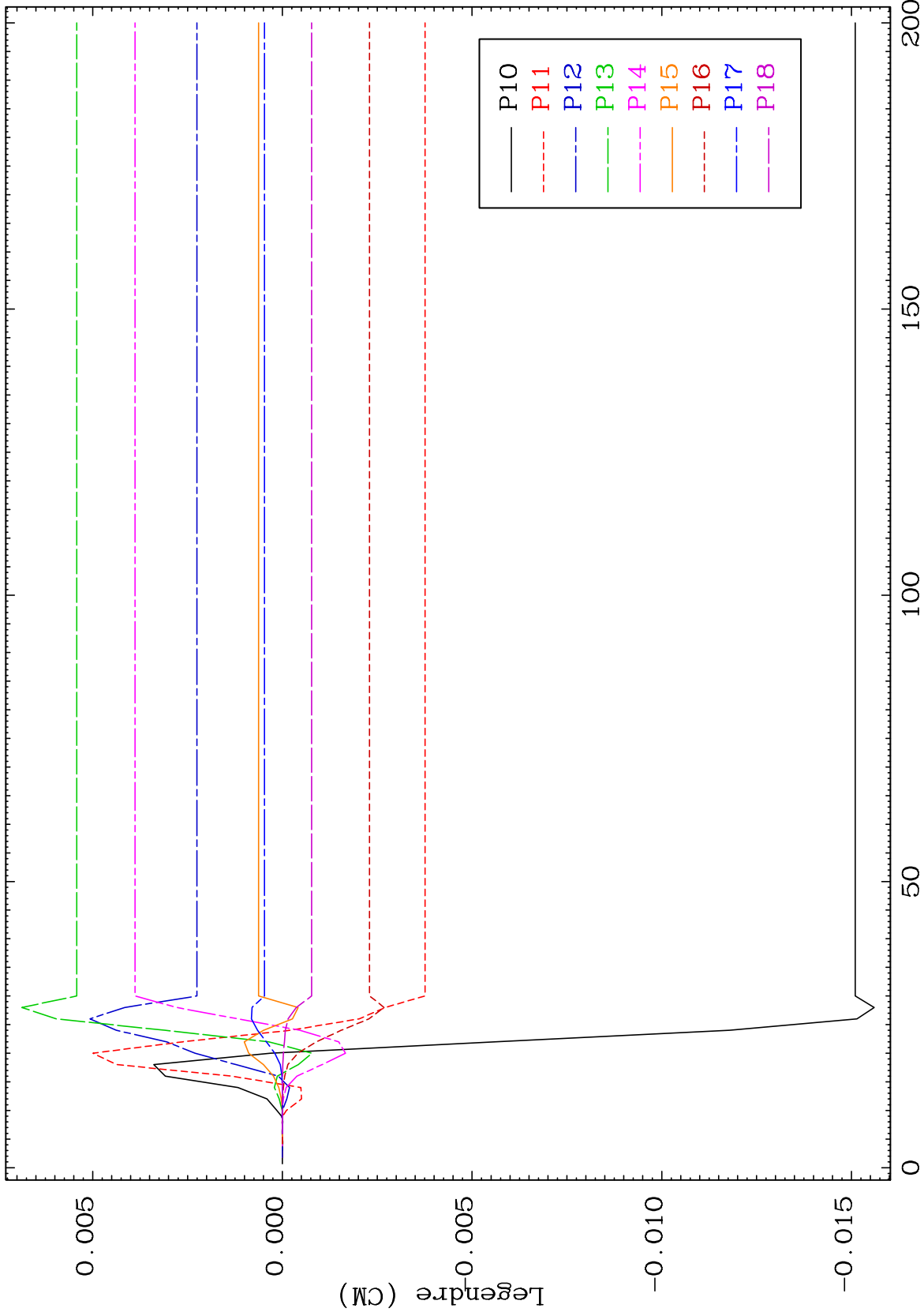
Incident Energy (MeV)

101

MAT 7149

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

71-Lu-183



102

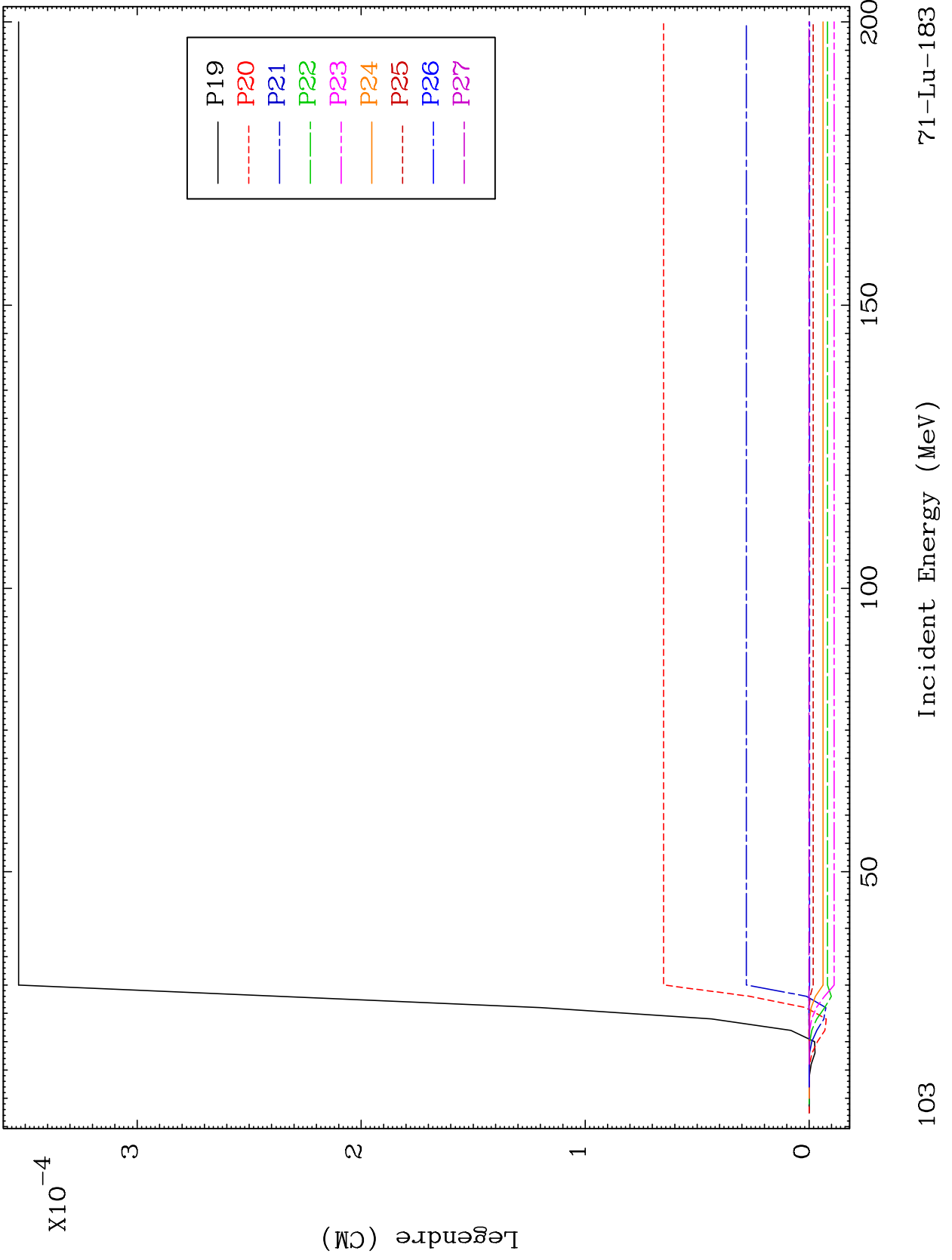
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



103

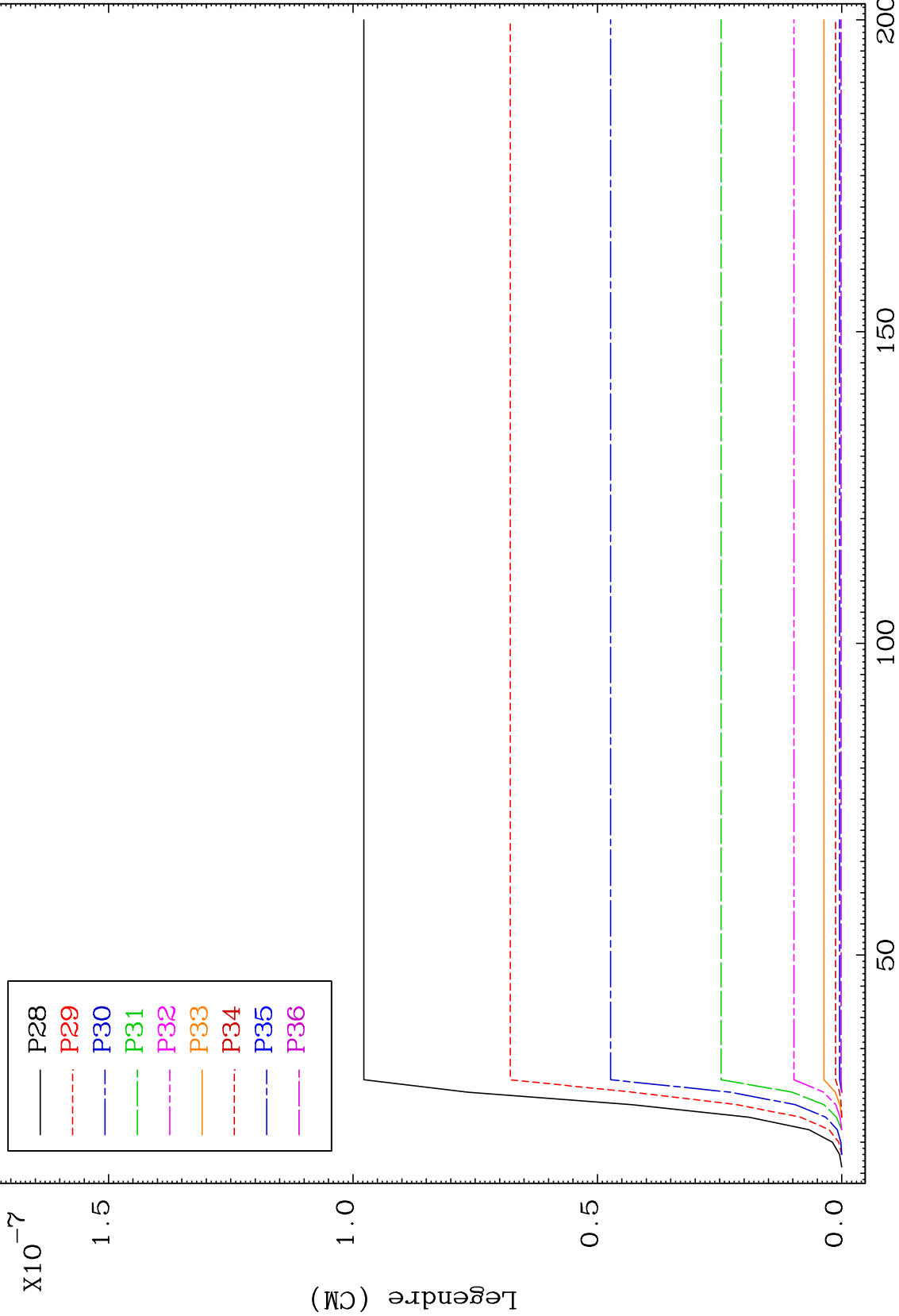
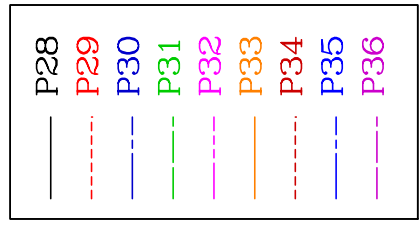
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



104

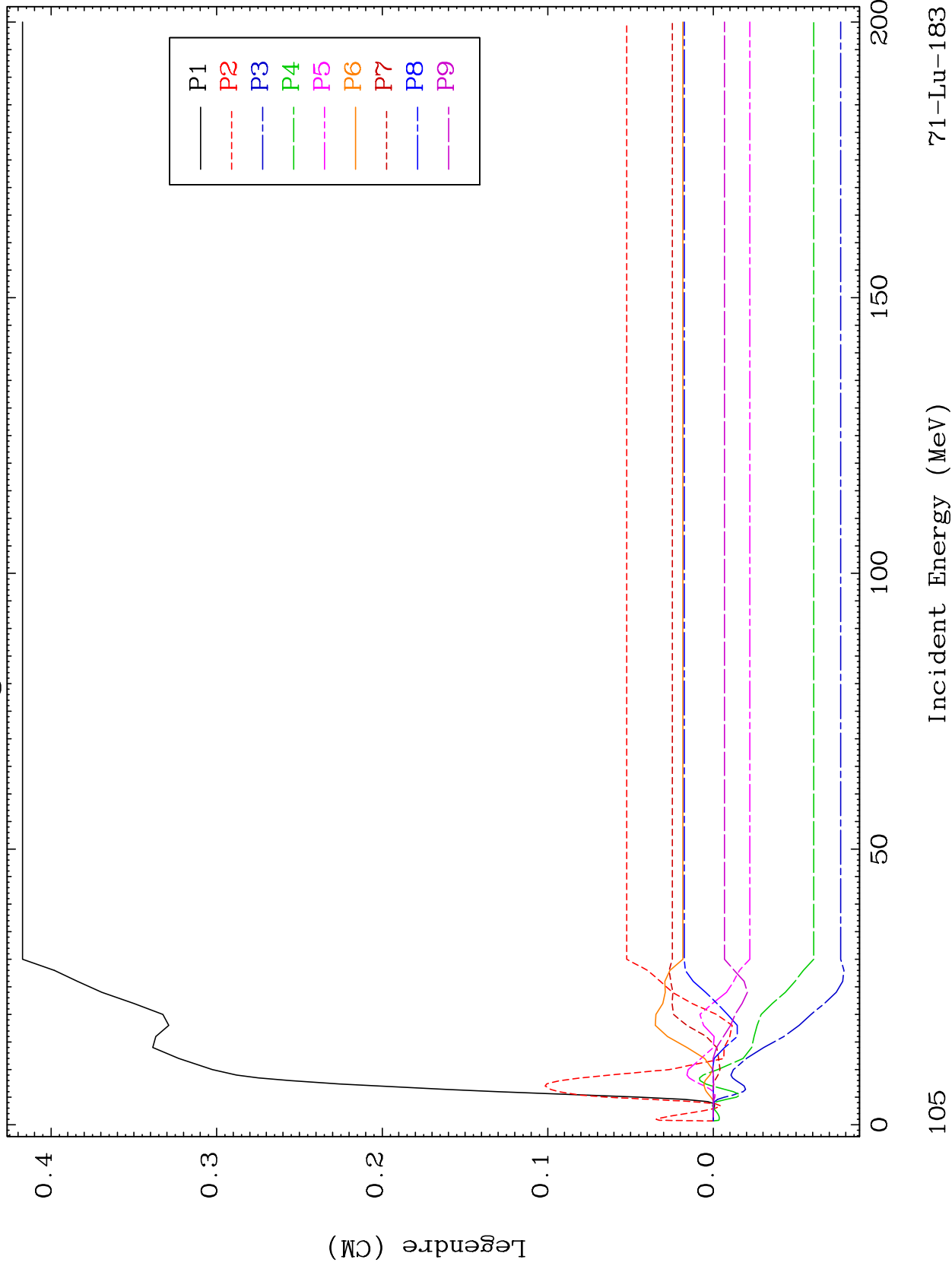
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



71-Lu-183

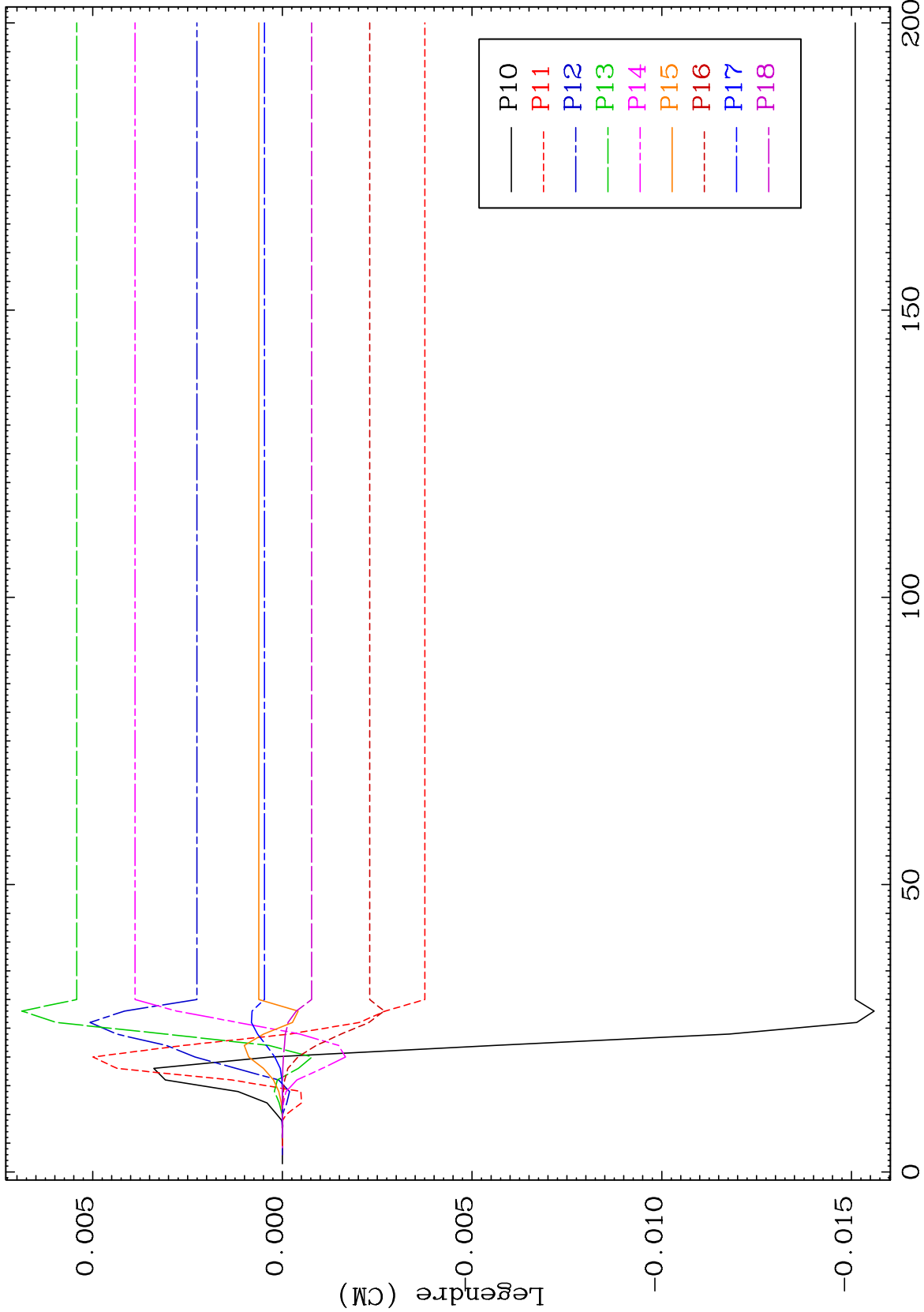
Incident Energy (MeV)

105

MAT 7149

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

71-Lu-183



106

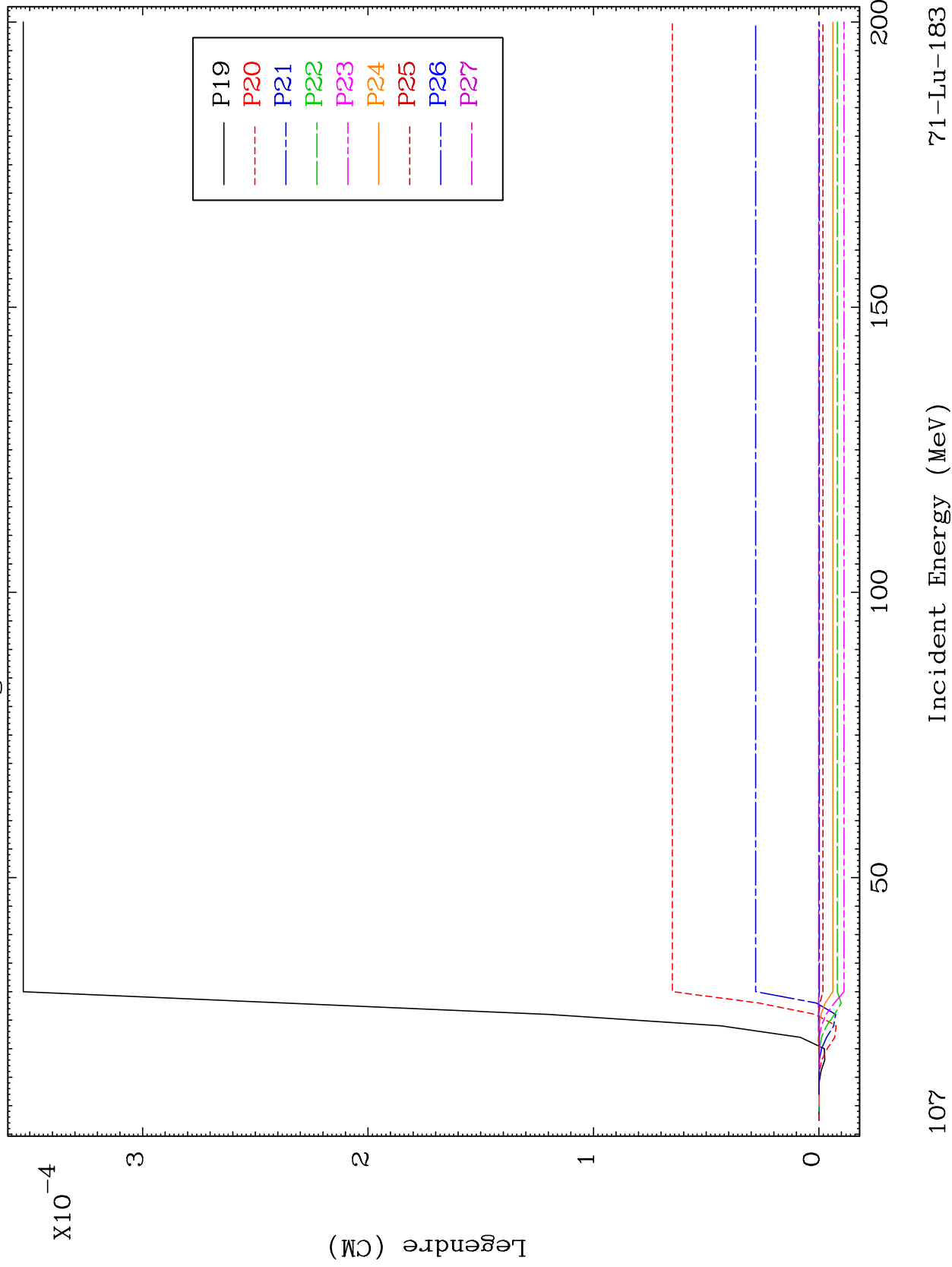
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



107

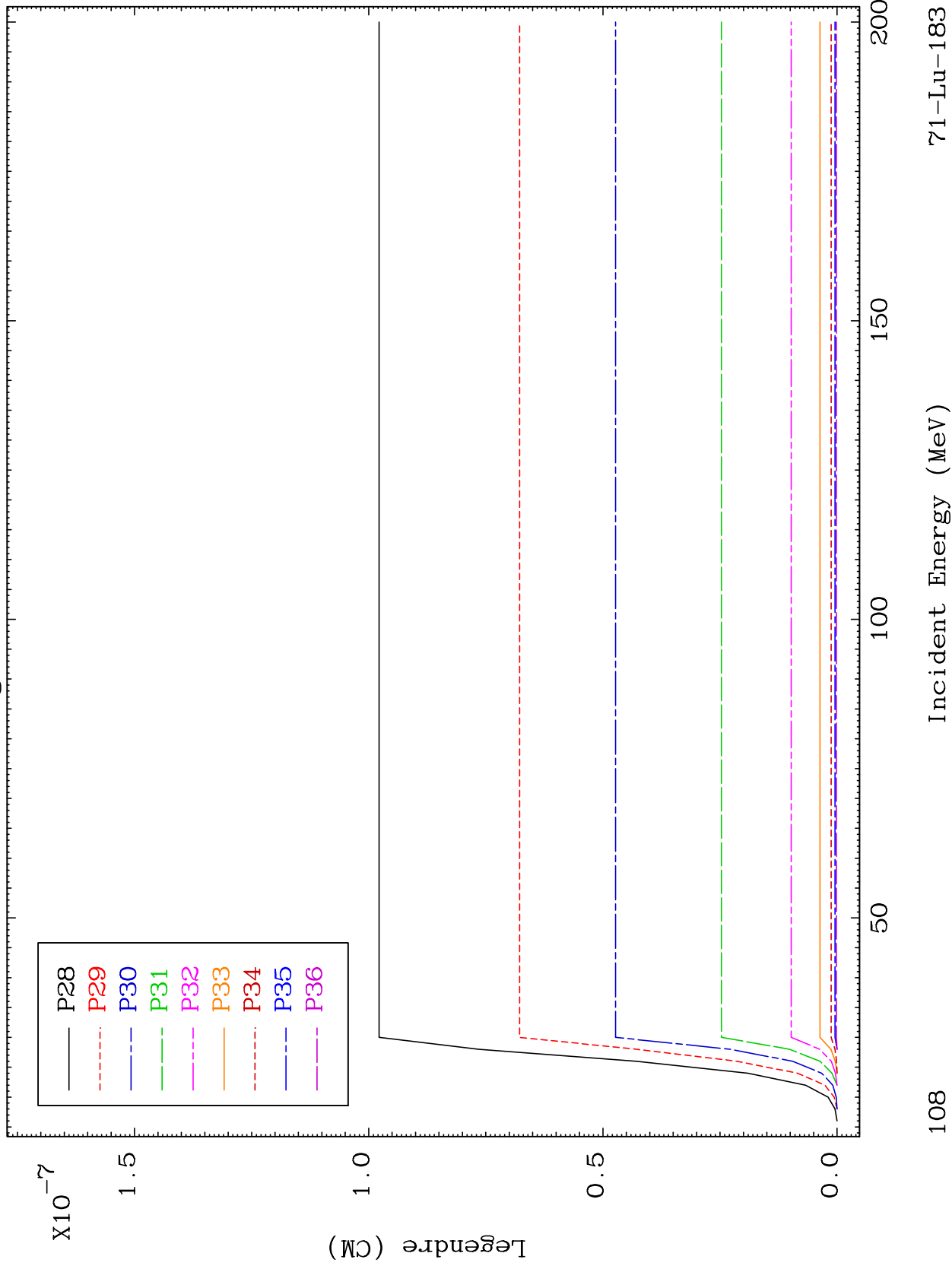
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



108

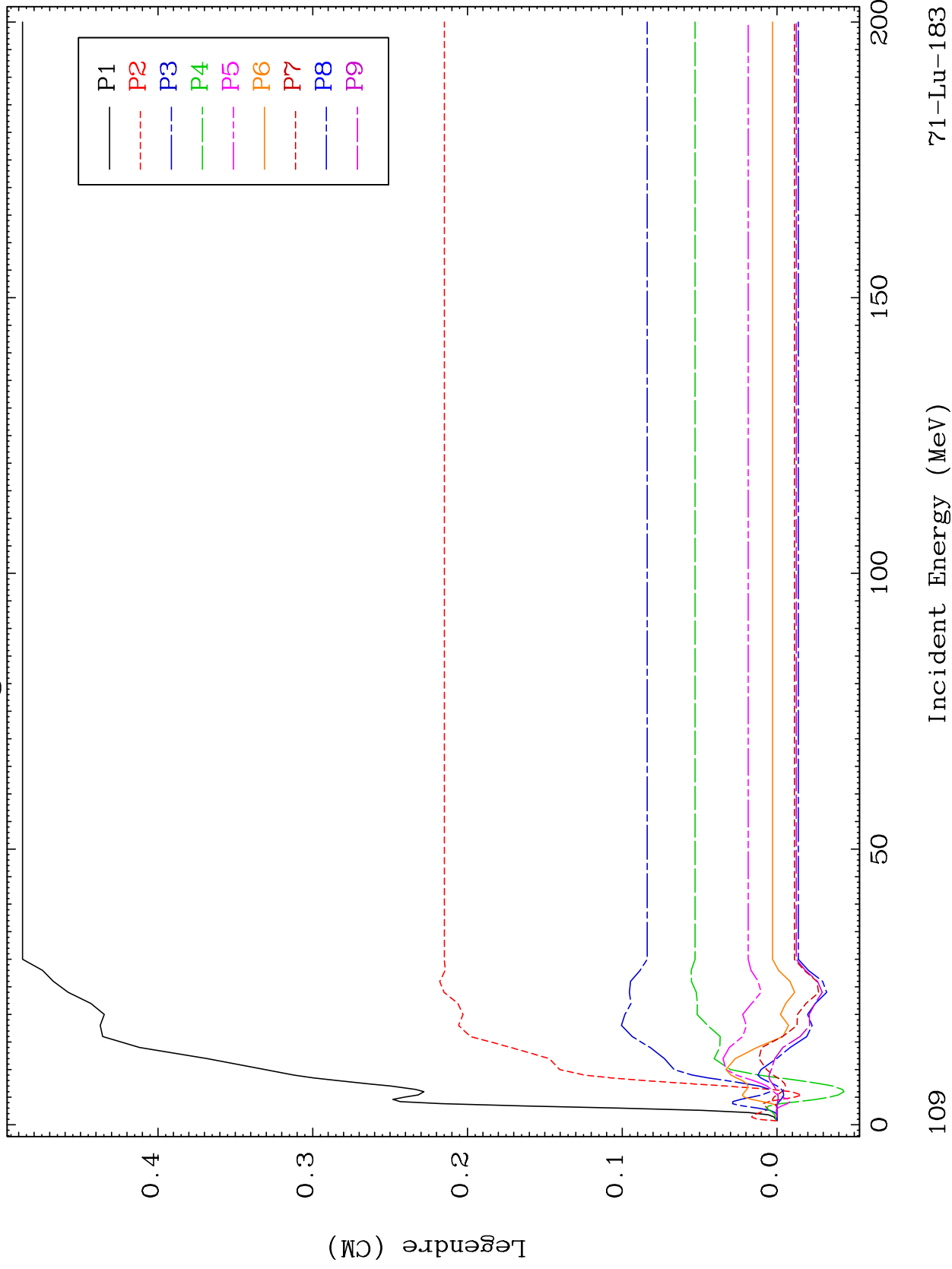
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



71-Lu-183

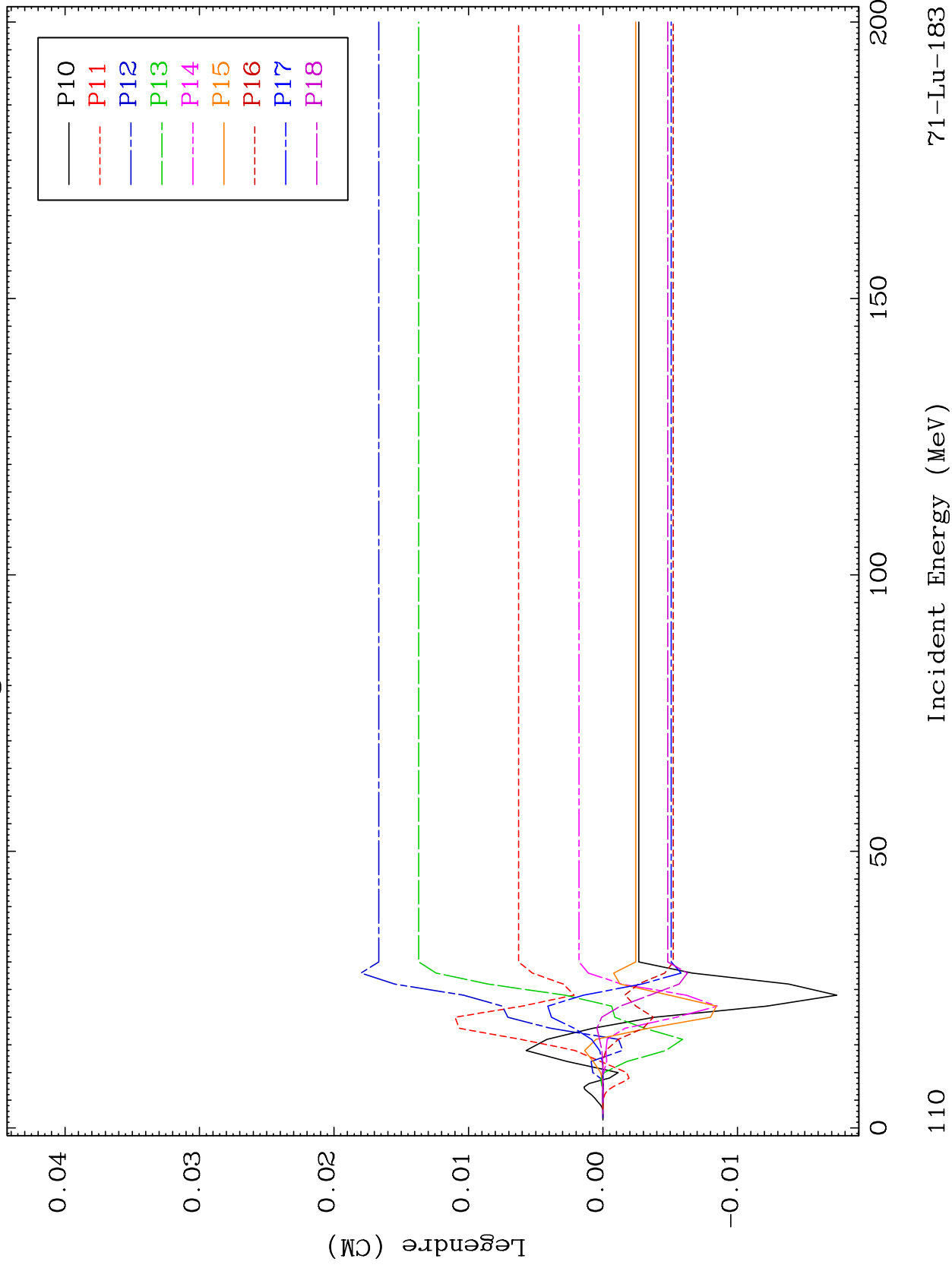
Incident Energy (MeV)

109

MAT 7149

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

71-Lu-183



71-Lu-183

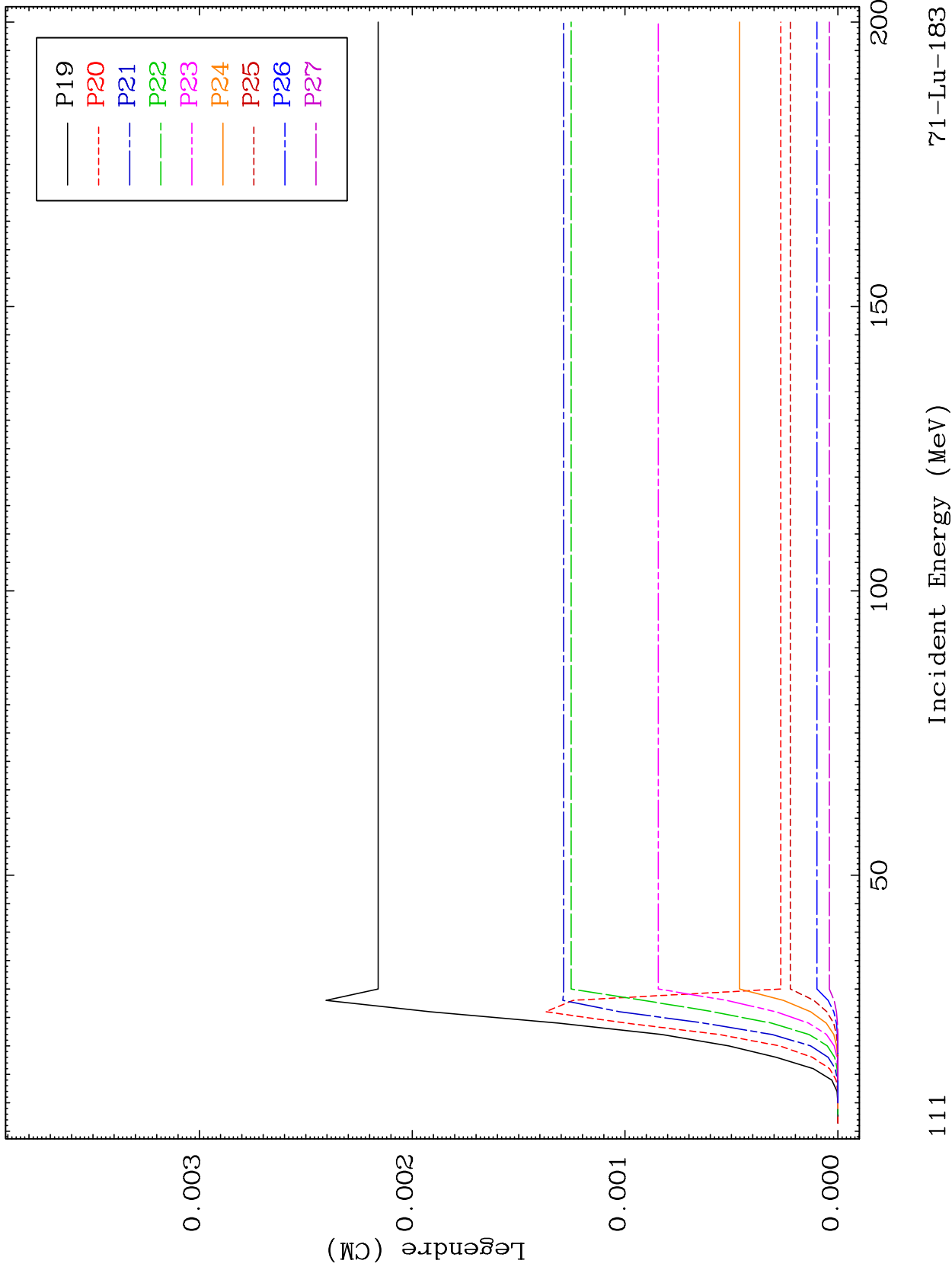
Incident Energy (MeV)

110

MAT 7149

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

71-Lu-183



111

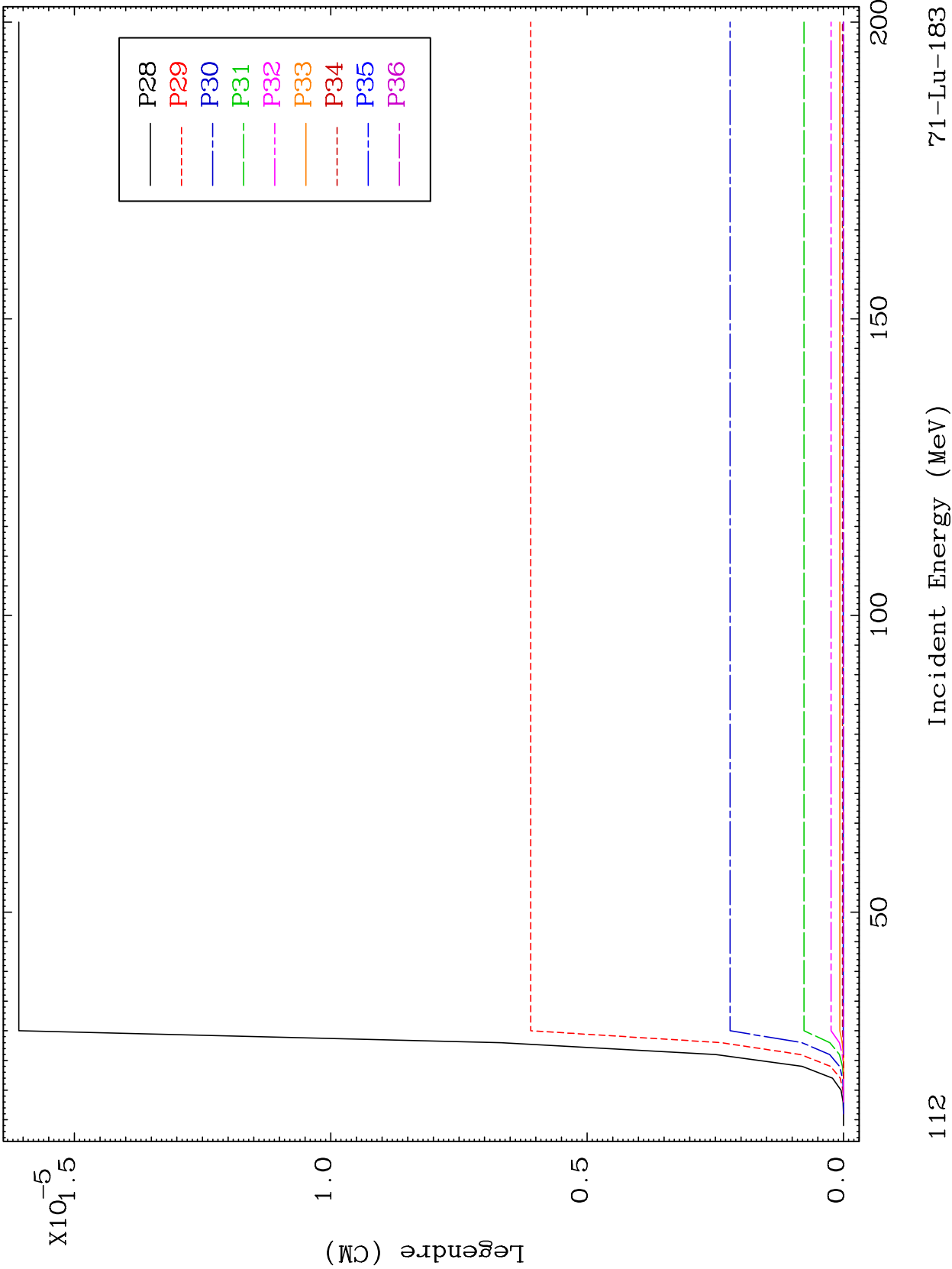
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183

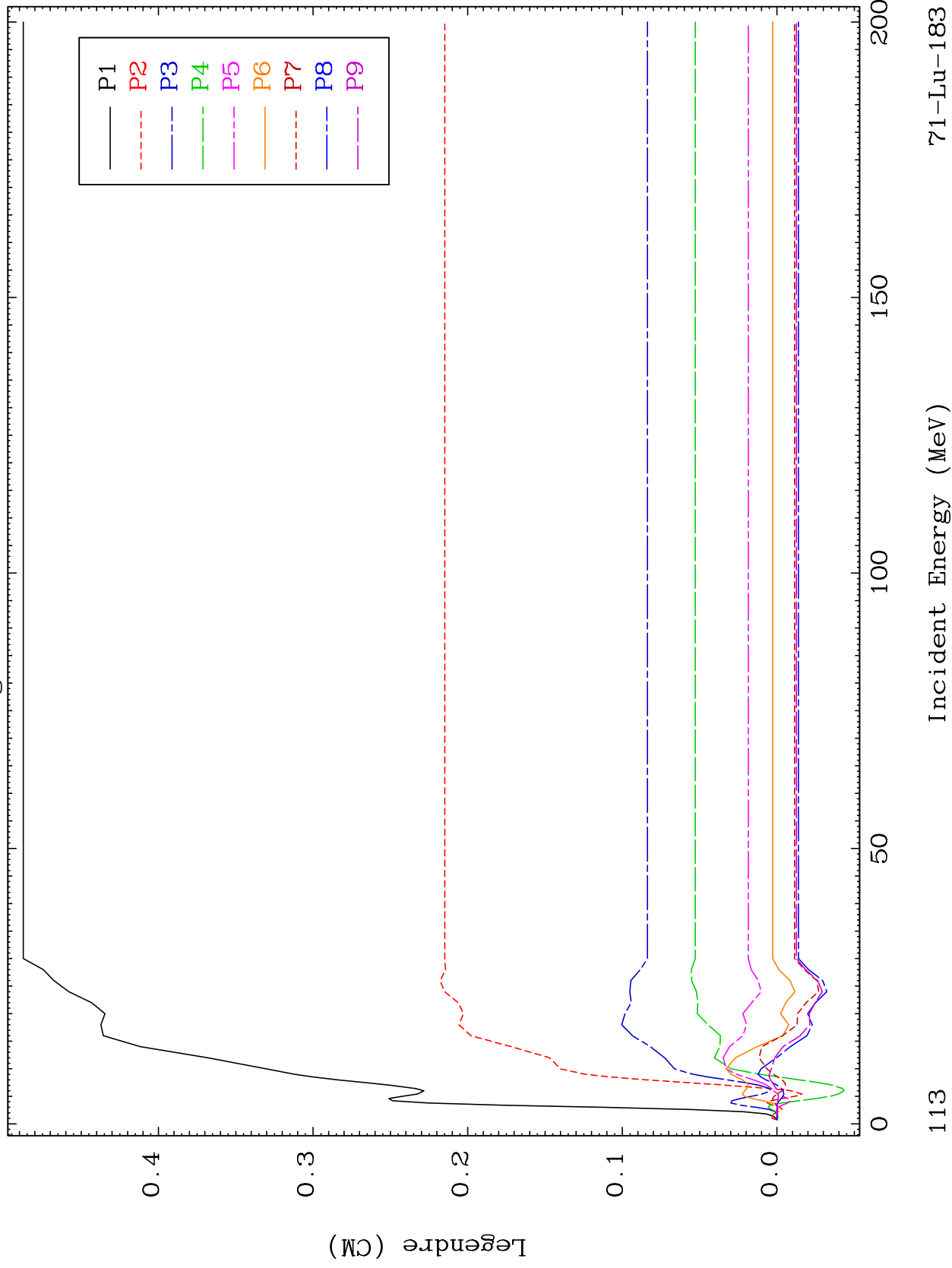


112

MAT 7149

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

71-Lu-183



71-Lu-183

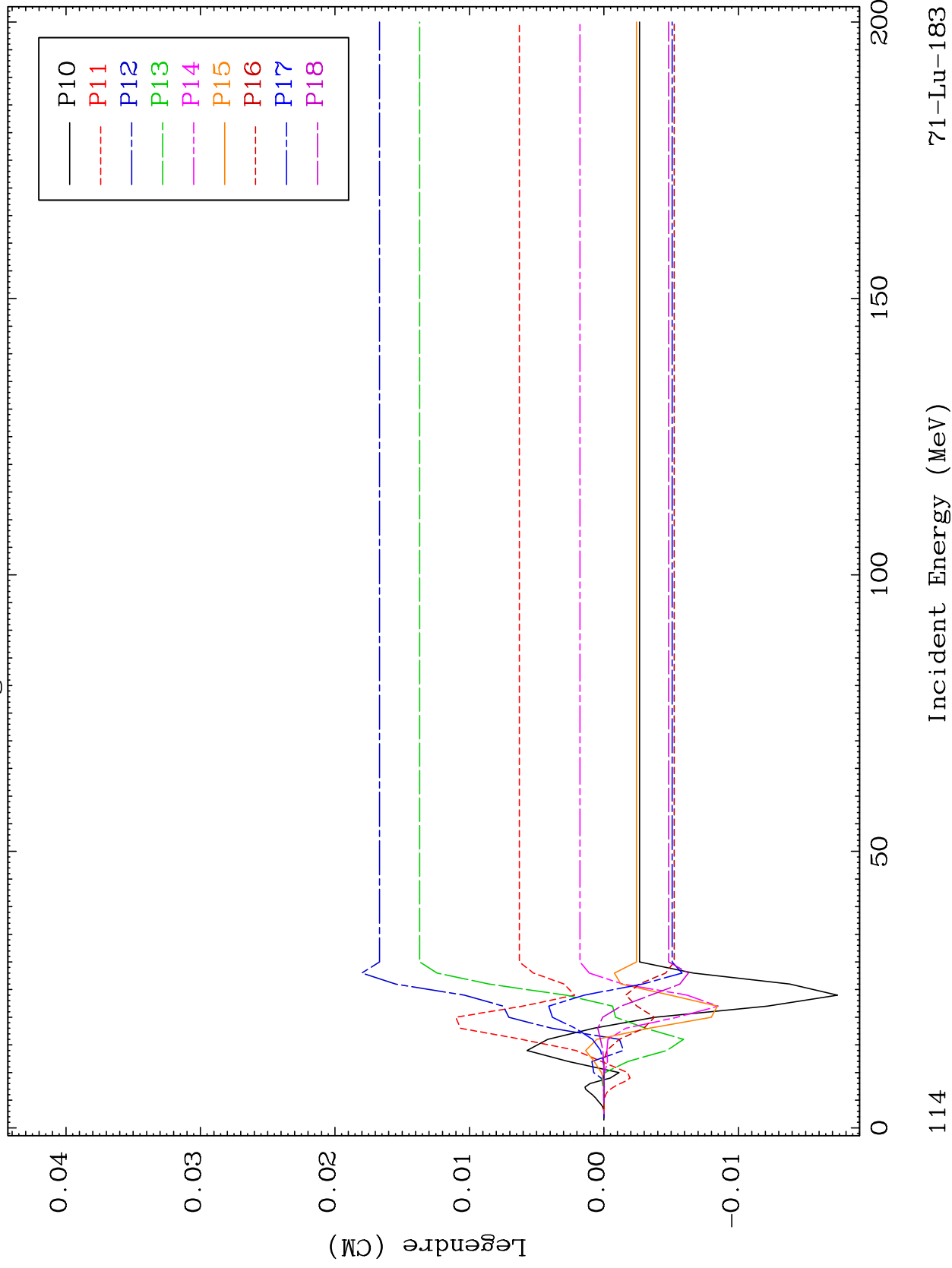
Incident Energy (MeV)

113

MAT 7149

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

71-Lu-183



71-Lu-183

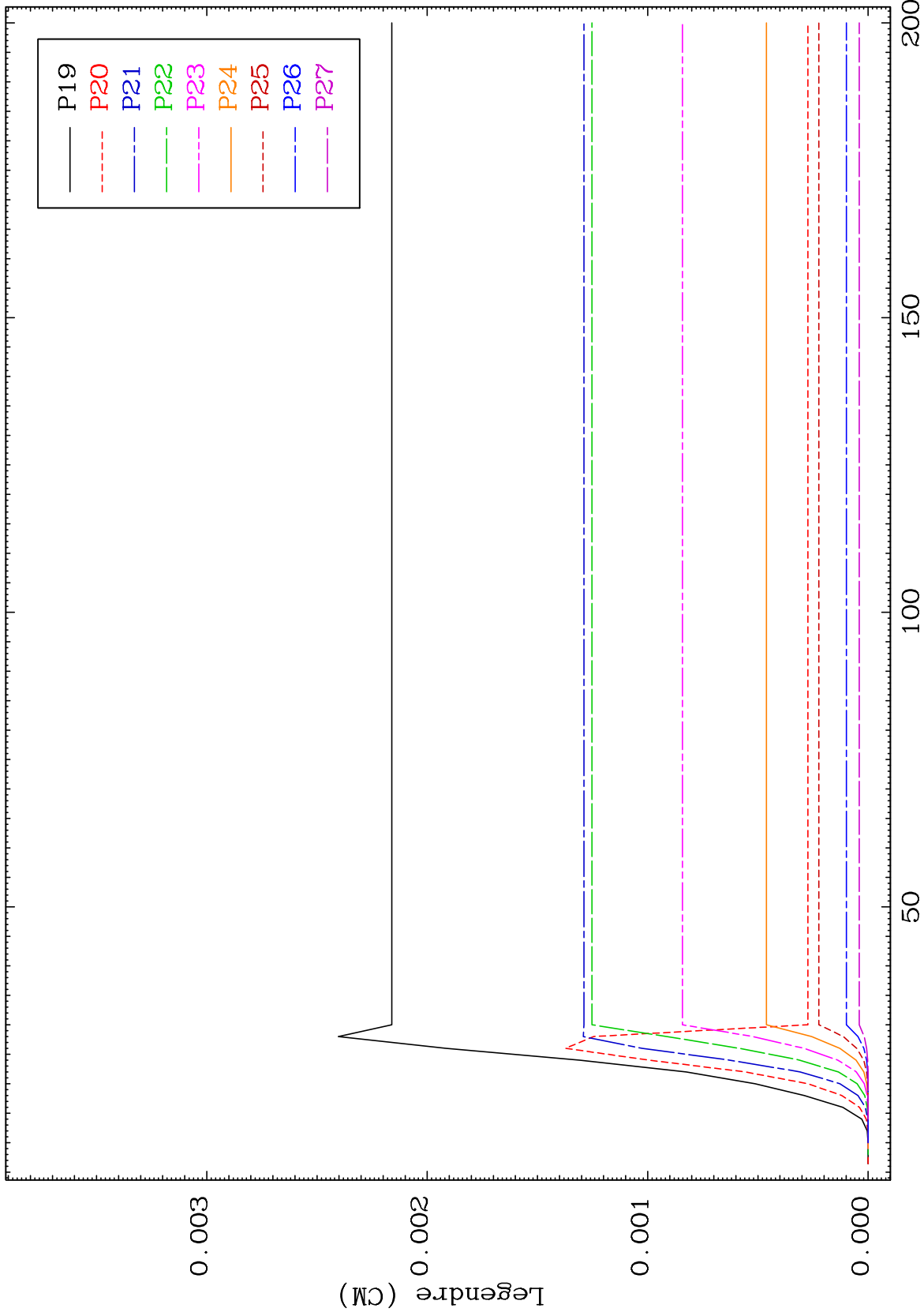
Incident Energy (MeV)

114

MAT 7149

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

71-Lu-183



115

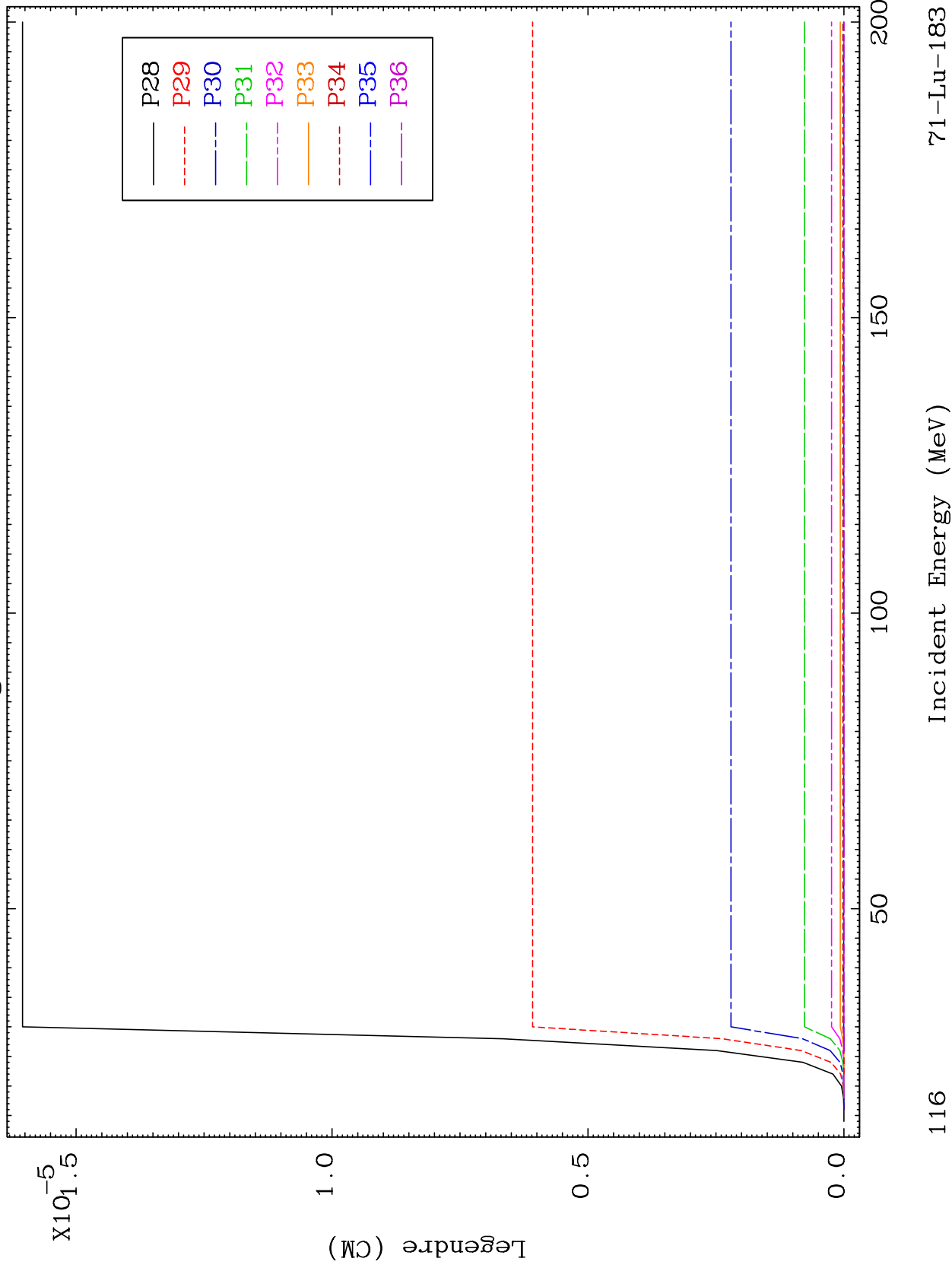
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

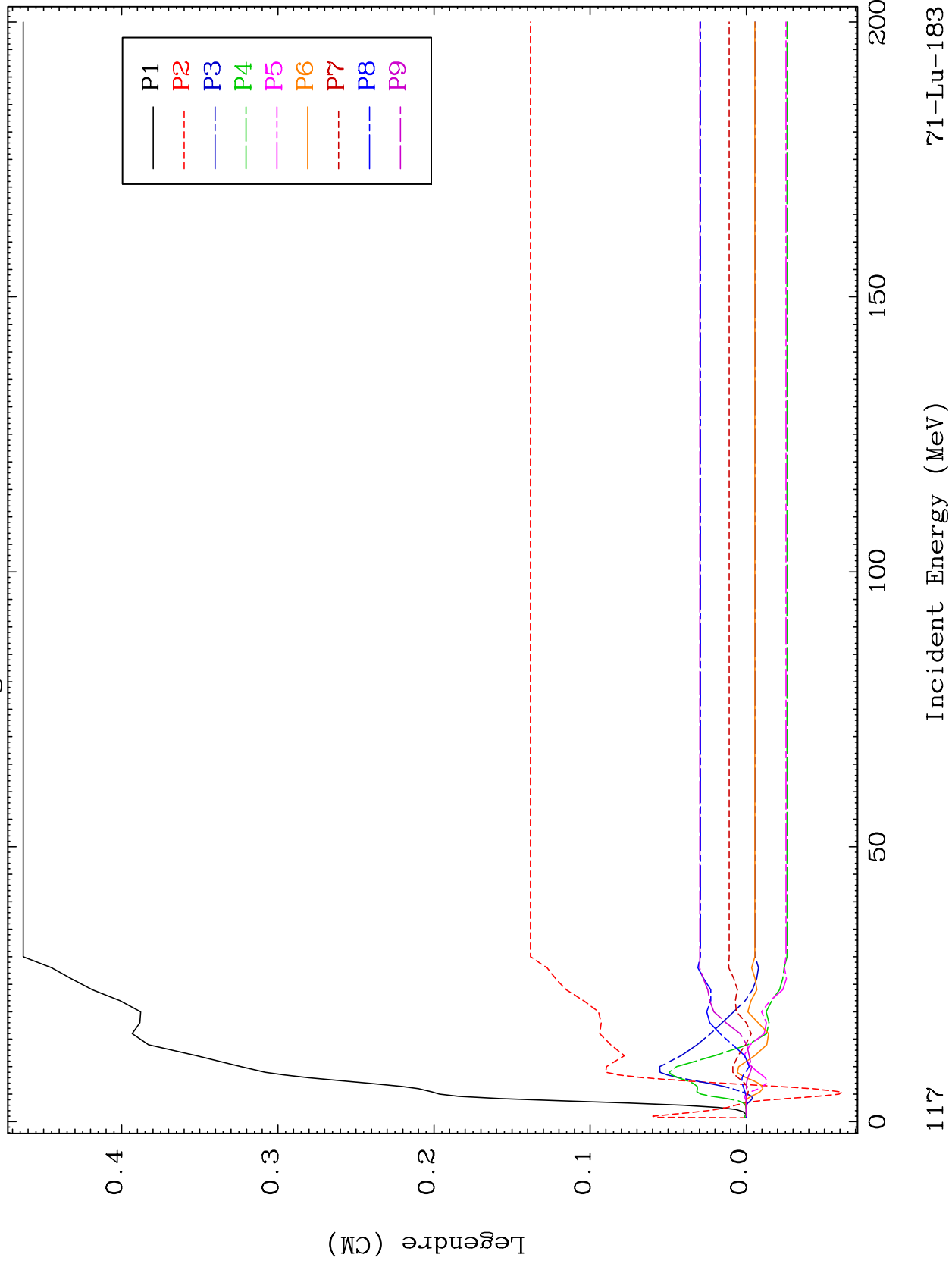
71-Lu-183



MAT 7149

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

71-Lu-183



117

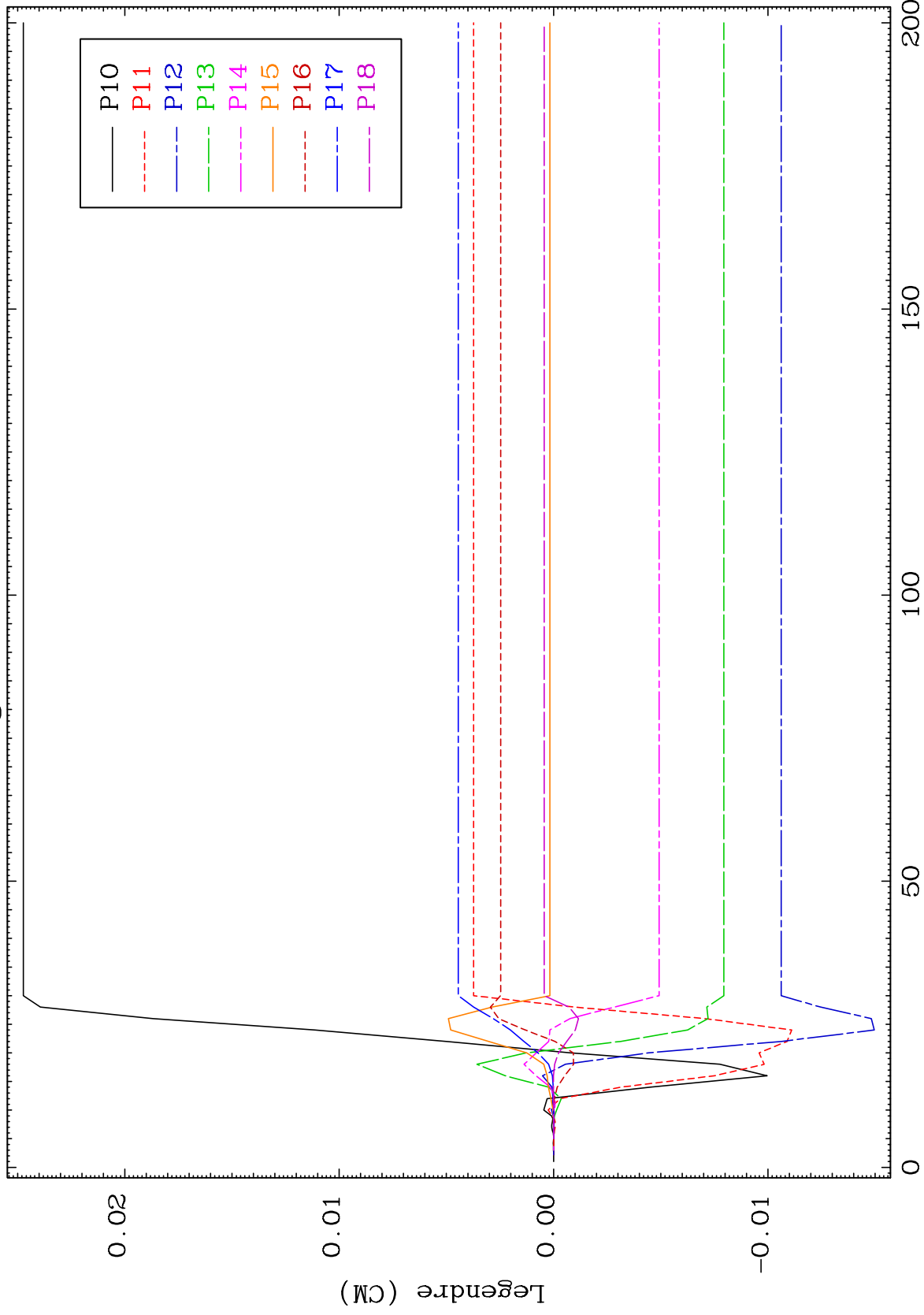
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



118

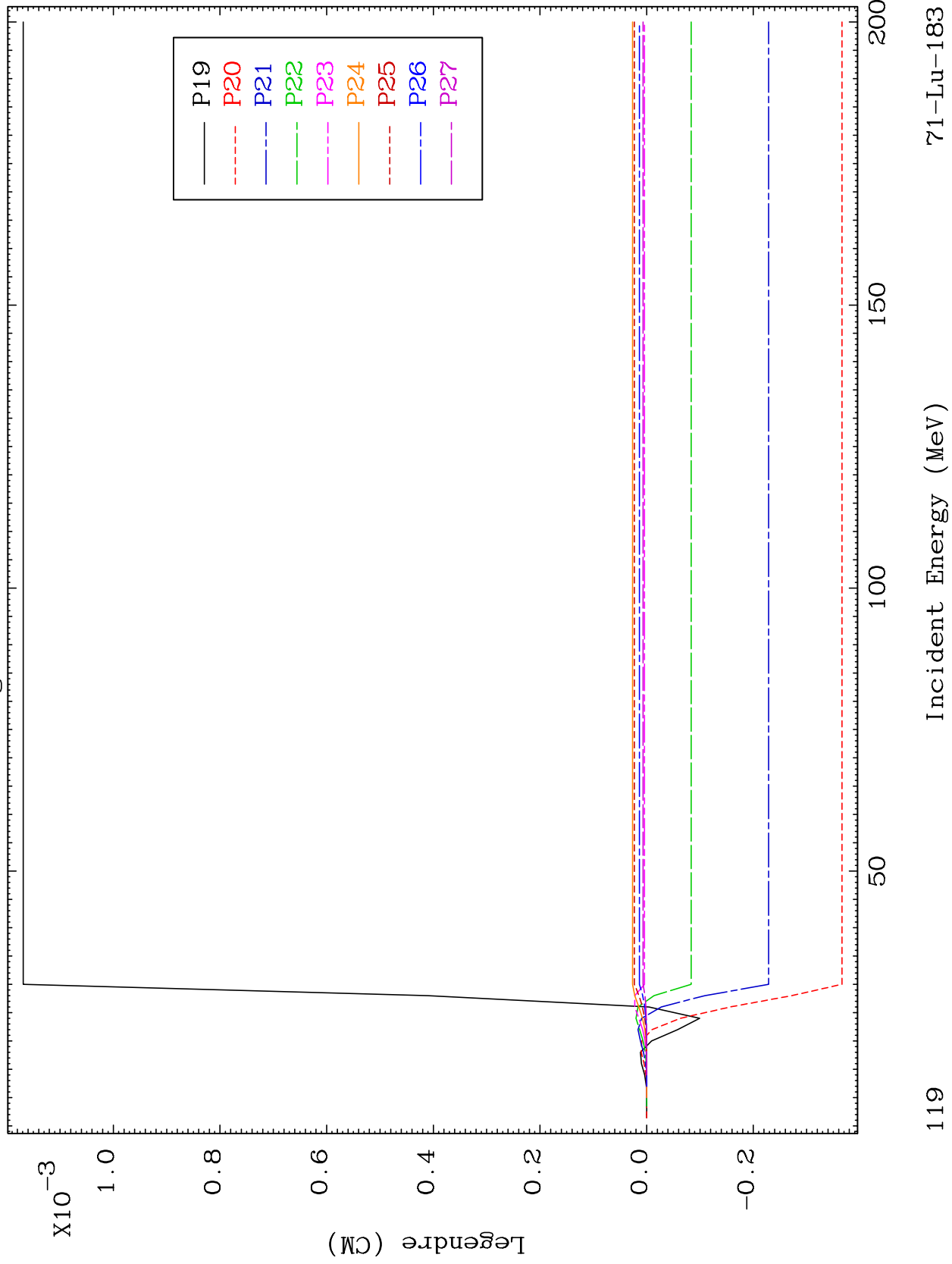
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



119

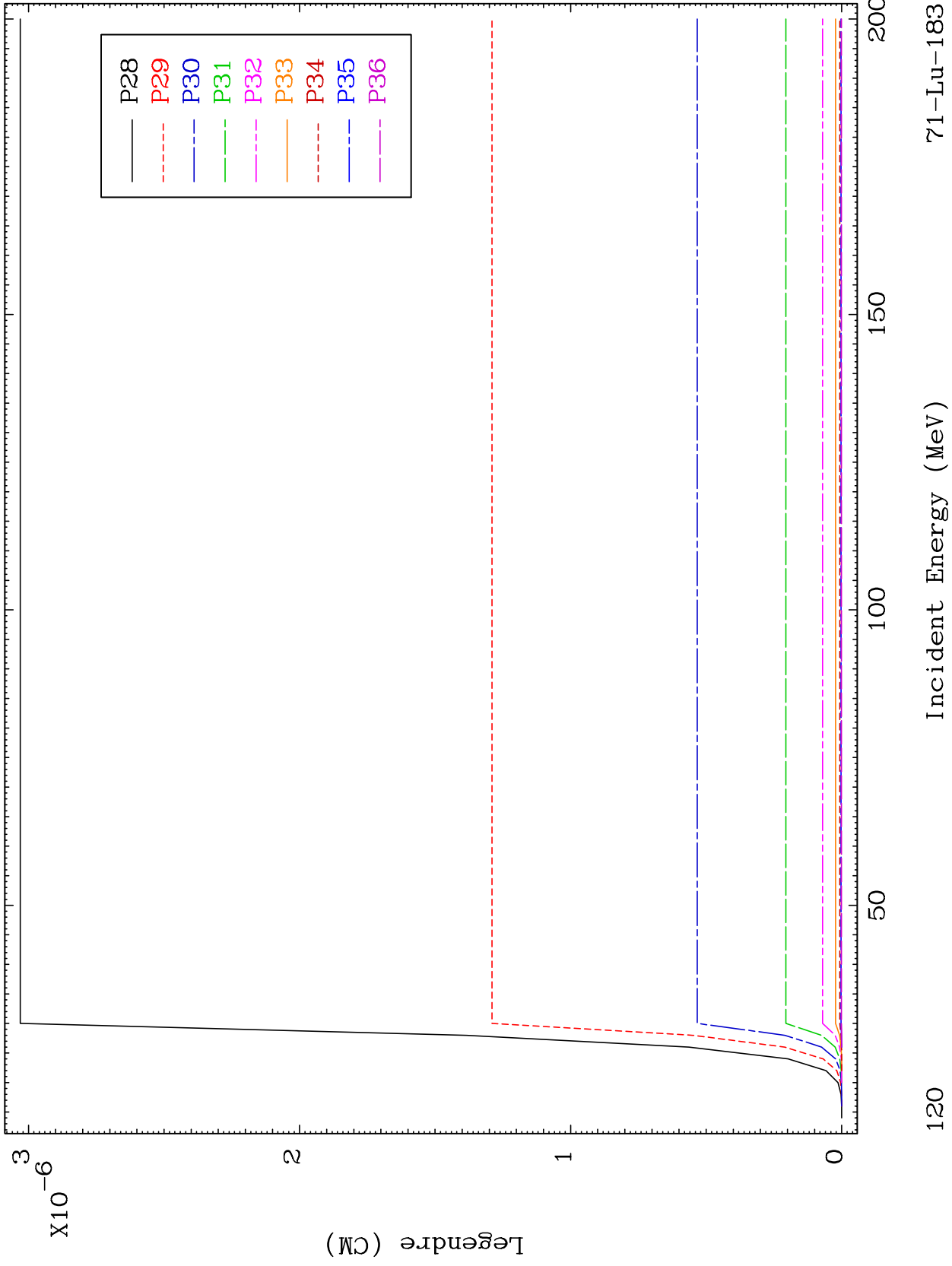
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

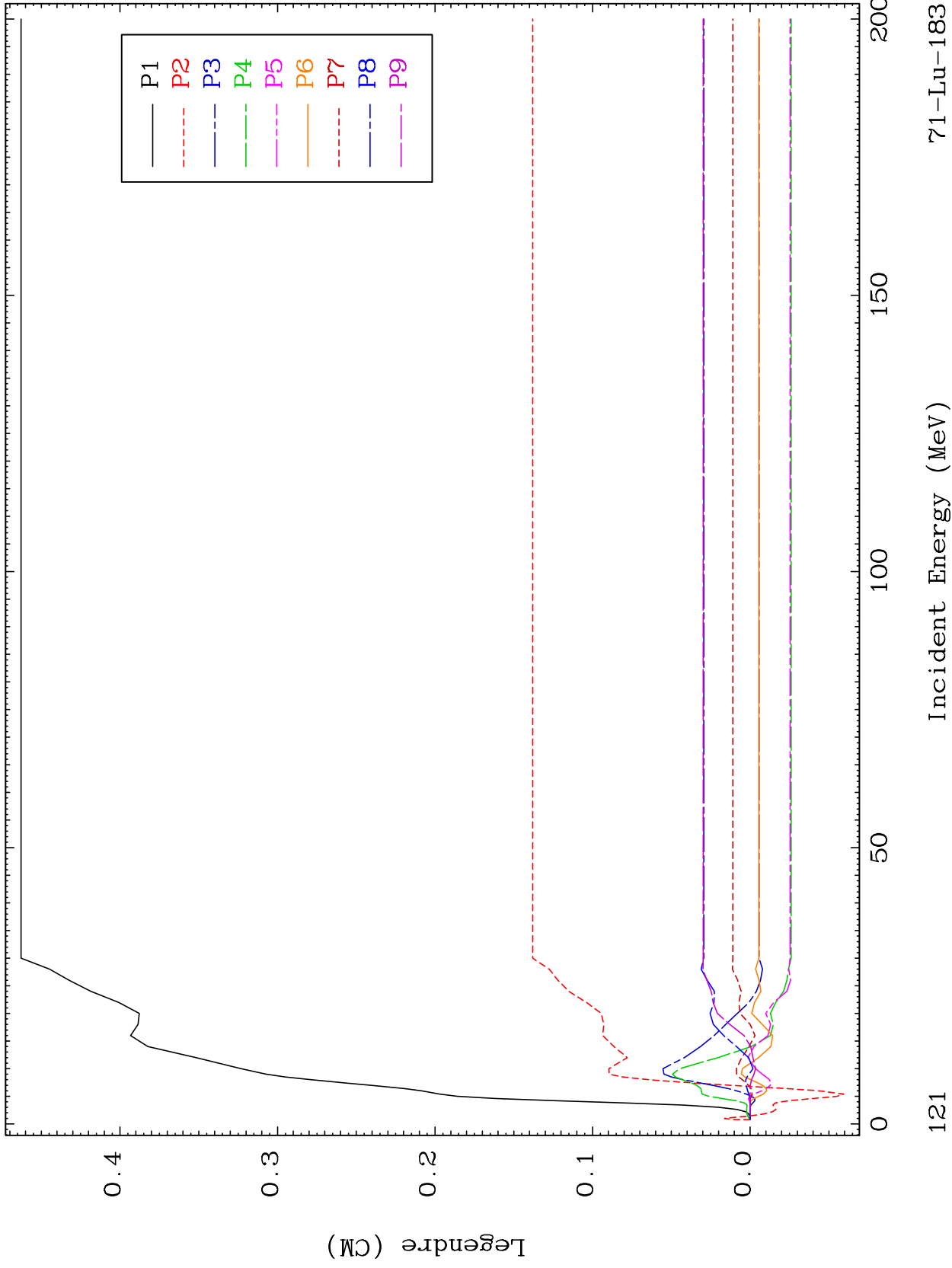
71-Lu-183



MAT 7149

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

71-Lu-183



71-Lu-183

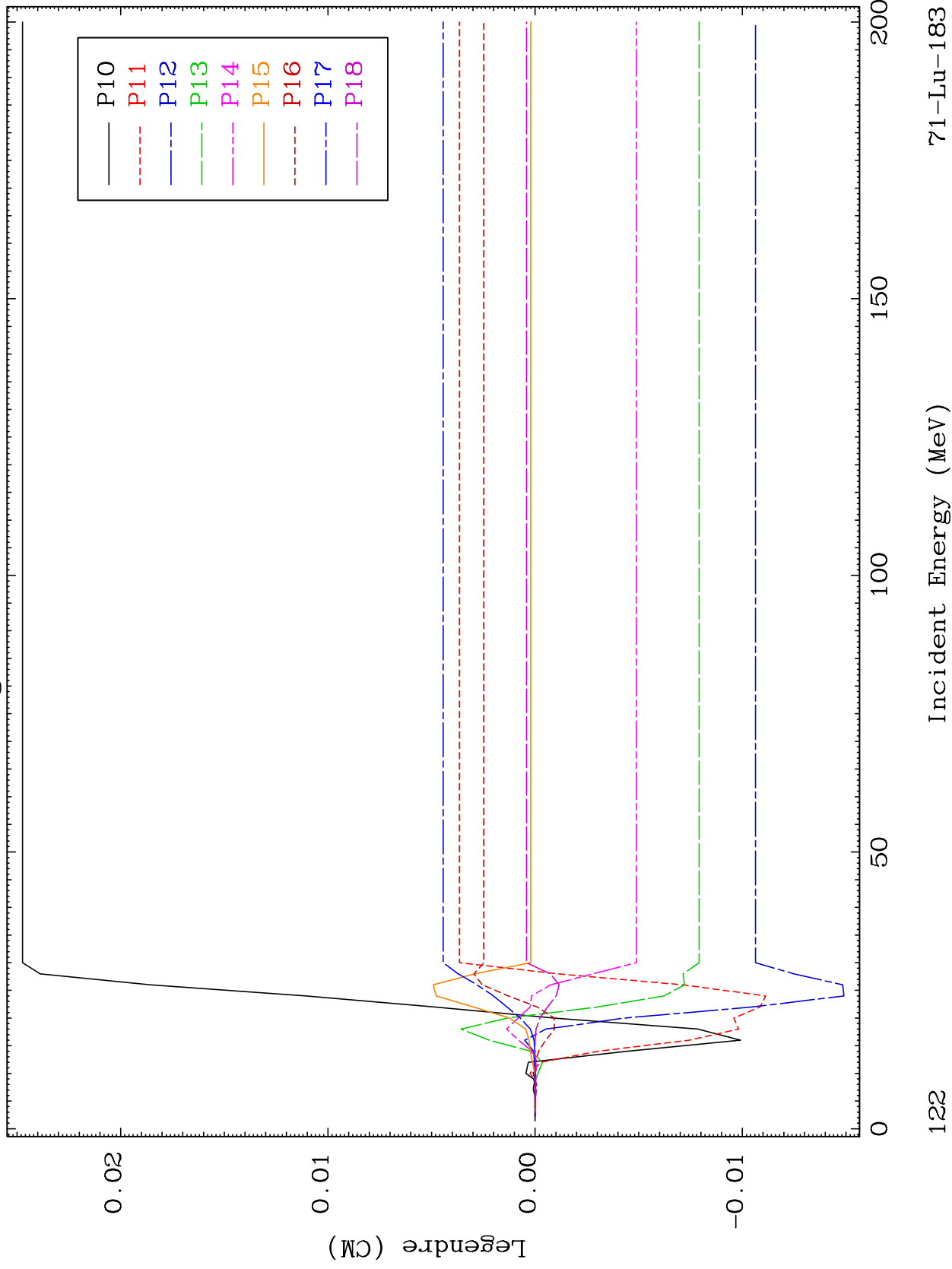
Incident Energy (MeV)

121

MAT 7149

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

71-Lu-183



71-Lu-183

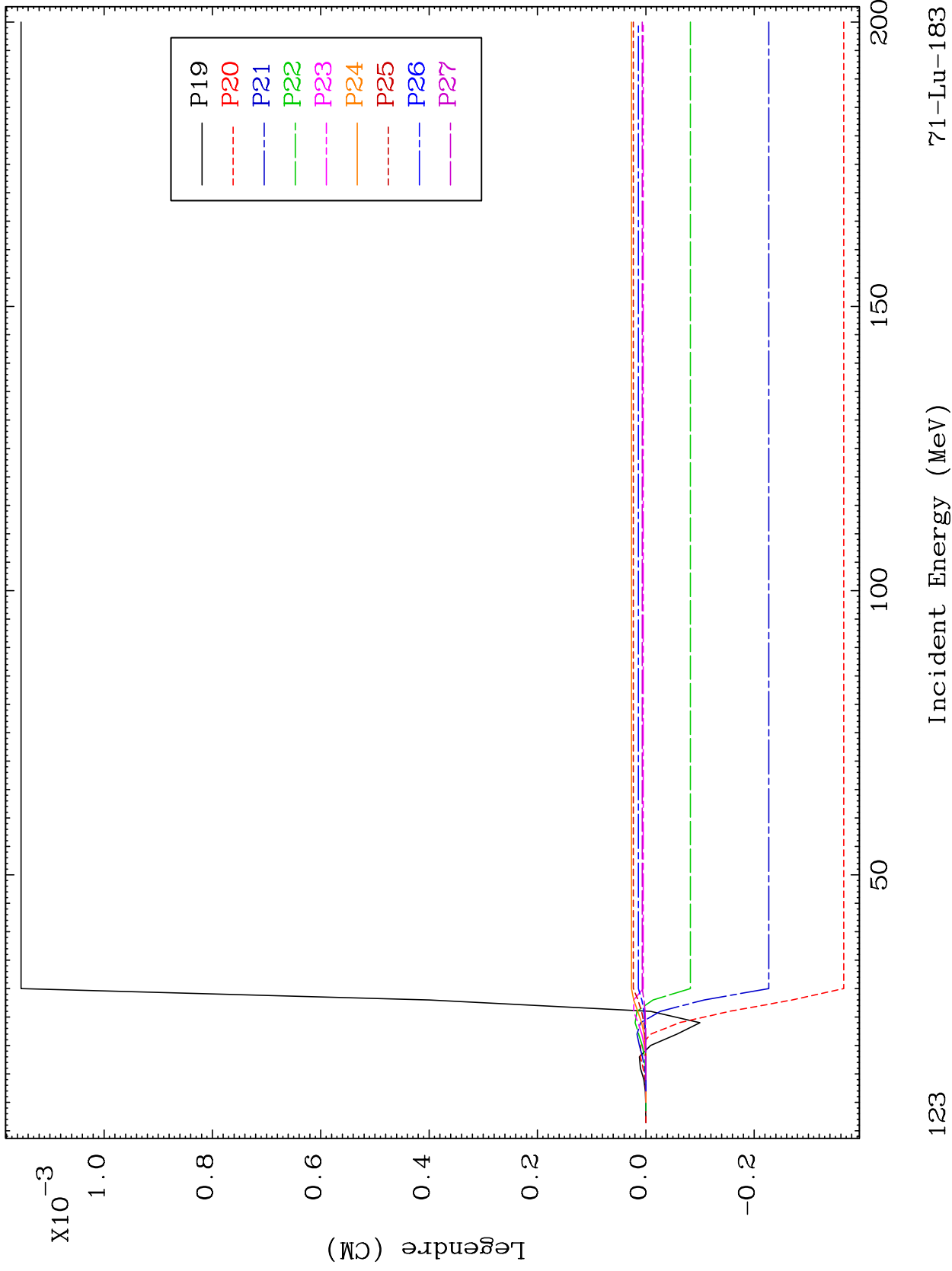
Incident Energy (MeV)

122

MAT 7149

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

71-Lu-183



123

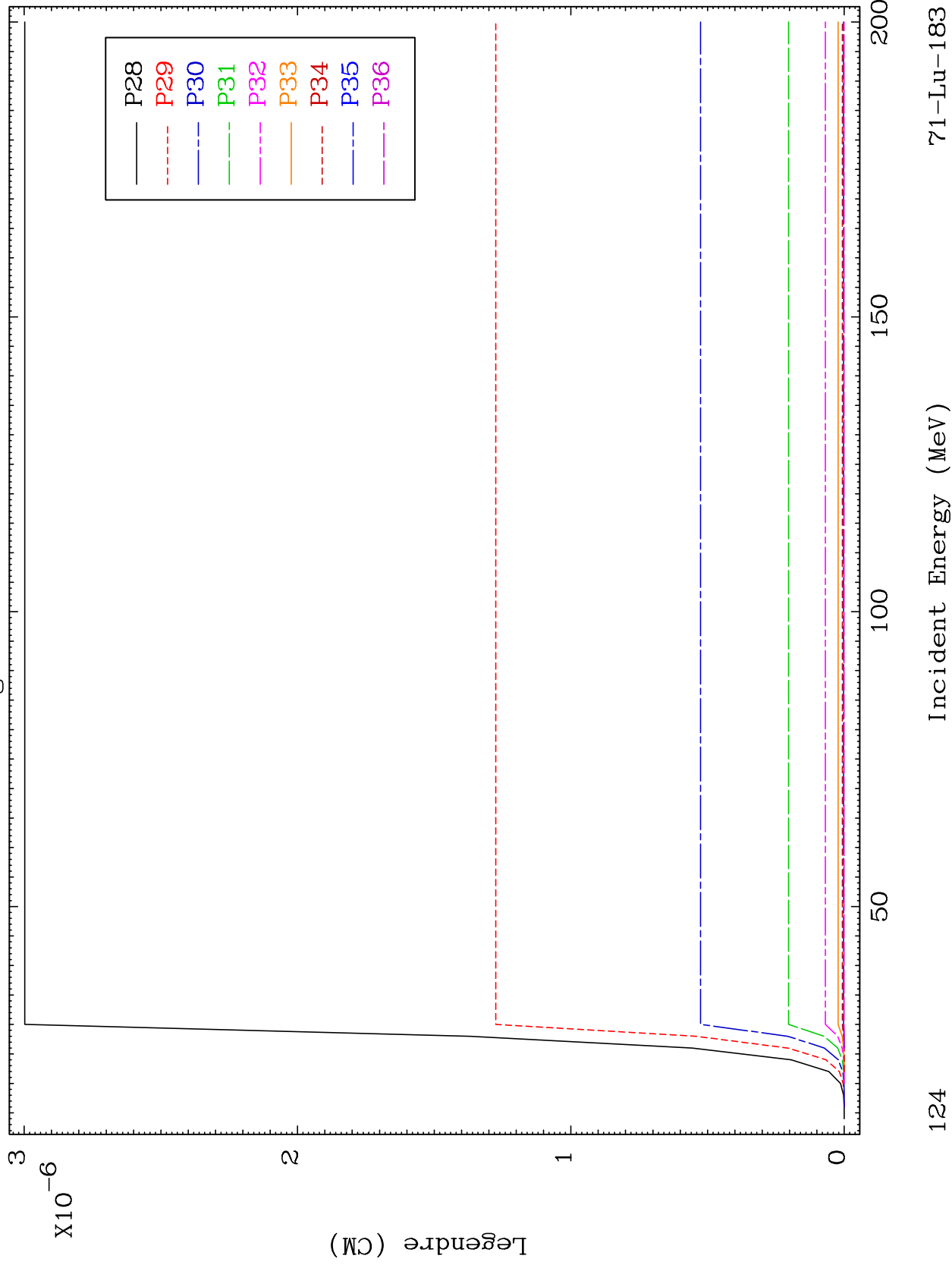
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



124

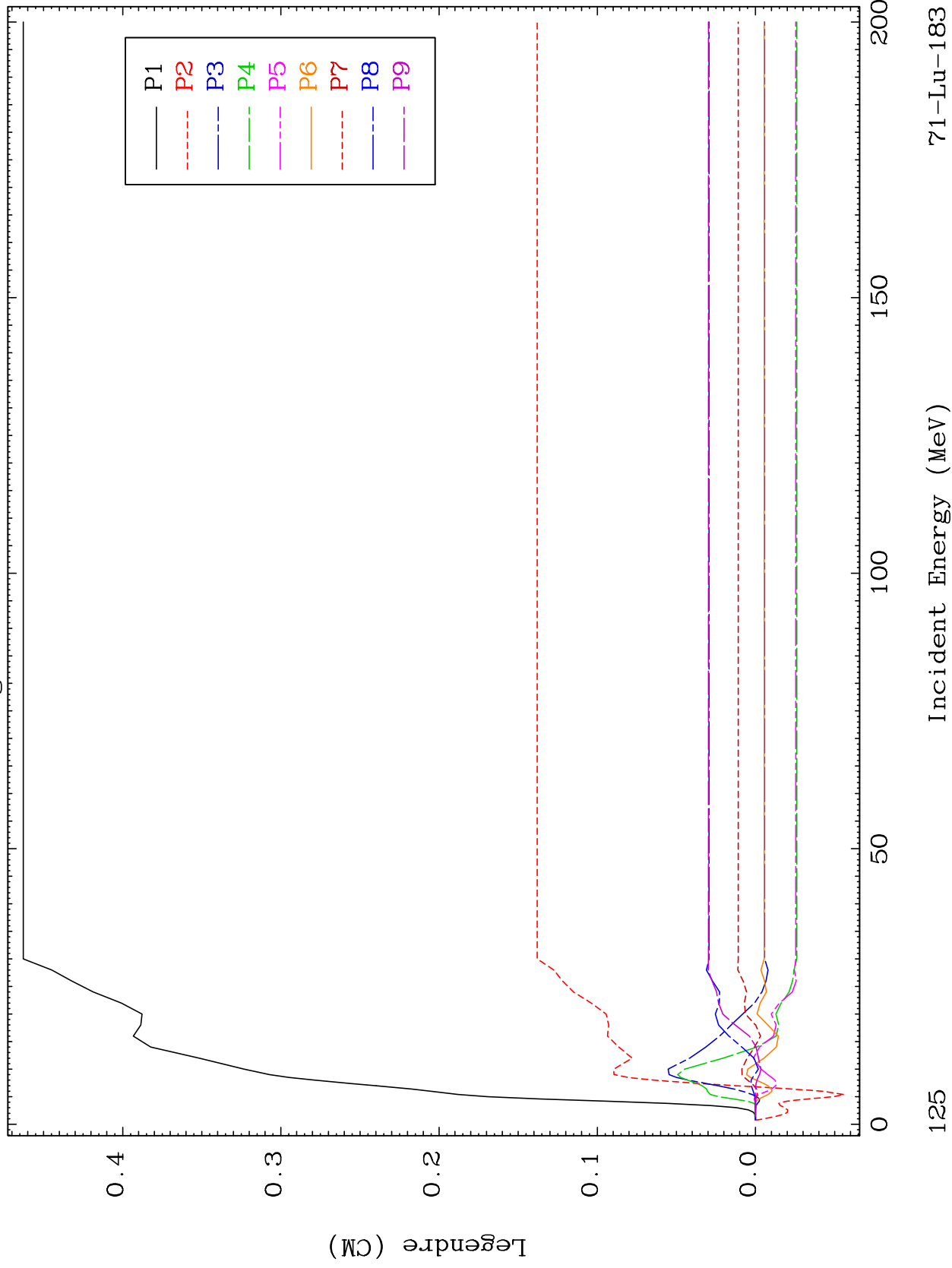
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



71-Lu-183

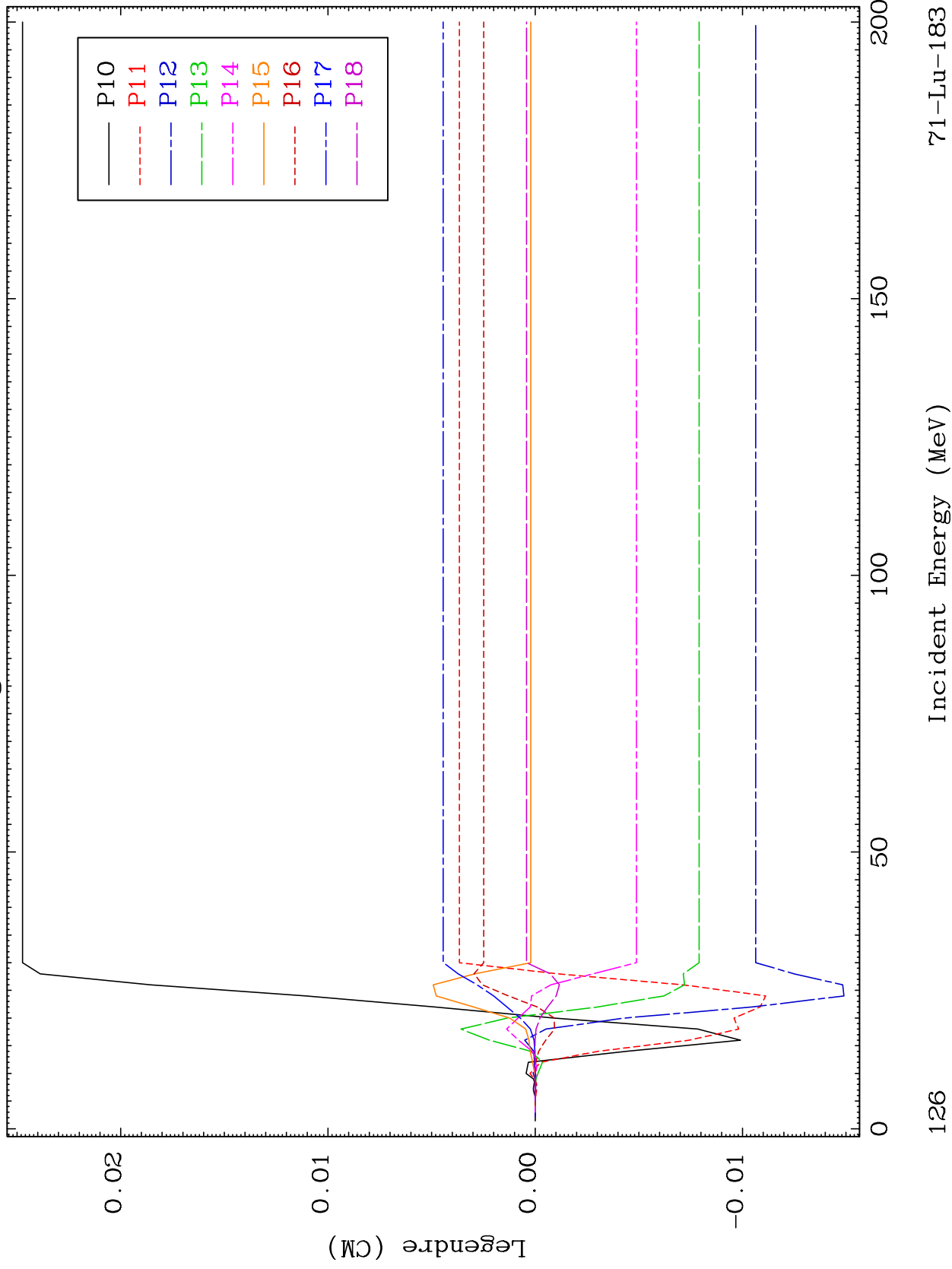
Incident Energy (MeV)

125

MAT 7149

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

71-Lu-183



71-Lu-183

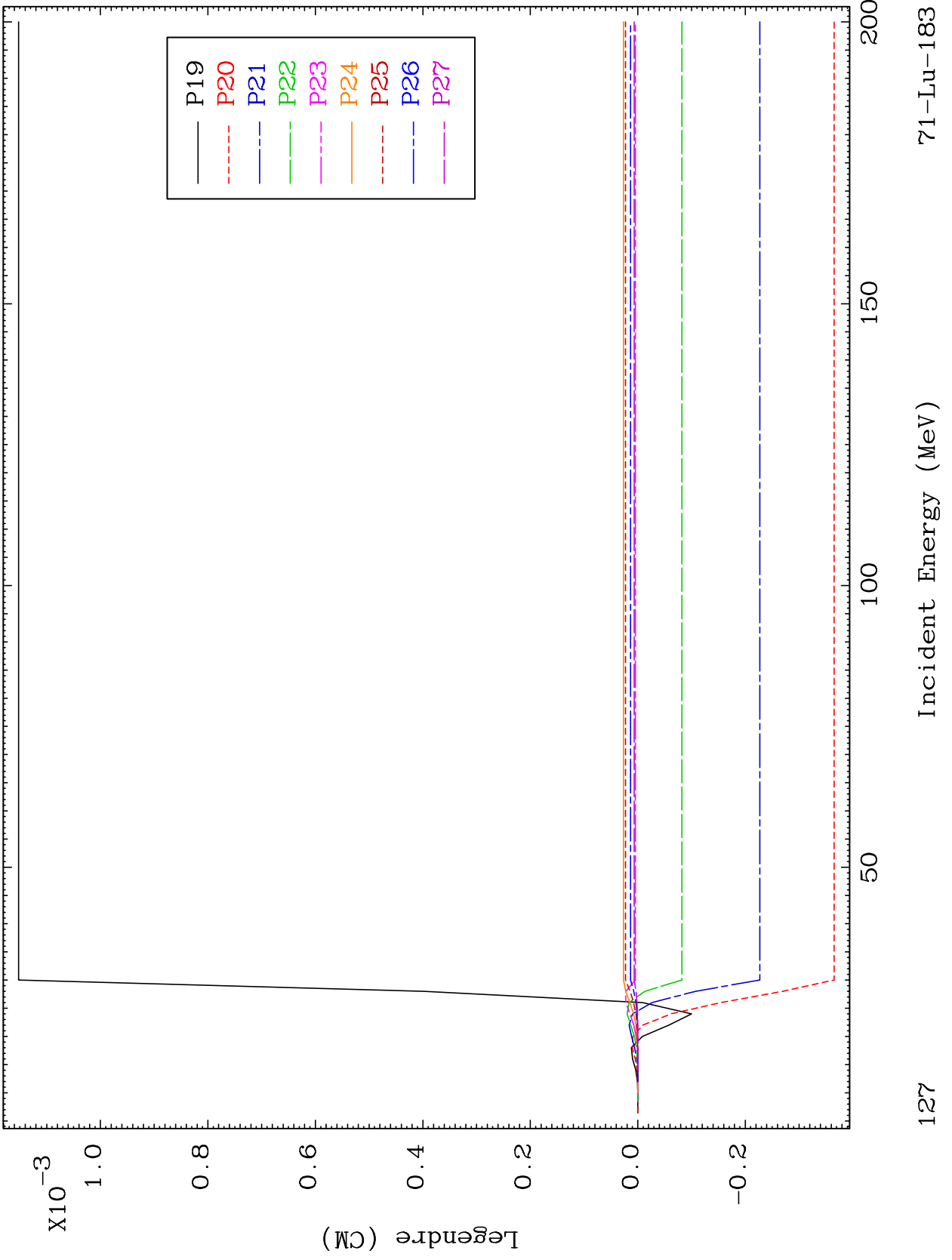
Incident Energy (MeV)

126

MAT 7149

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

71-Lu-183



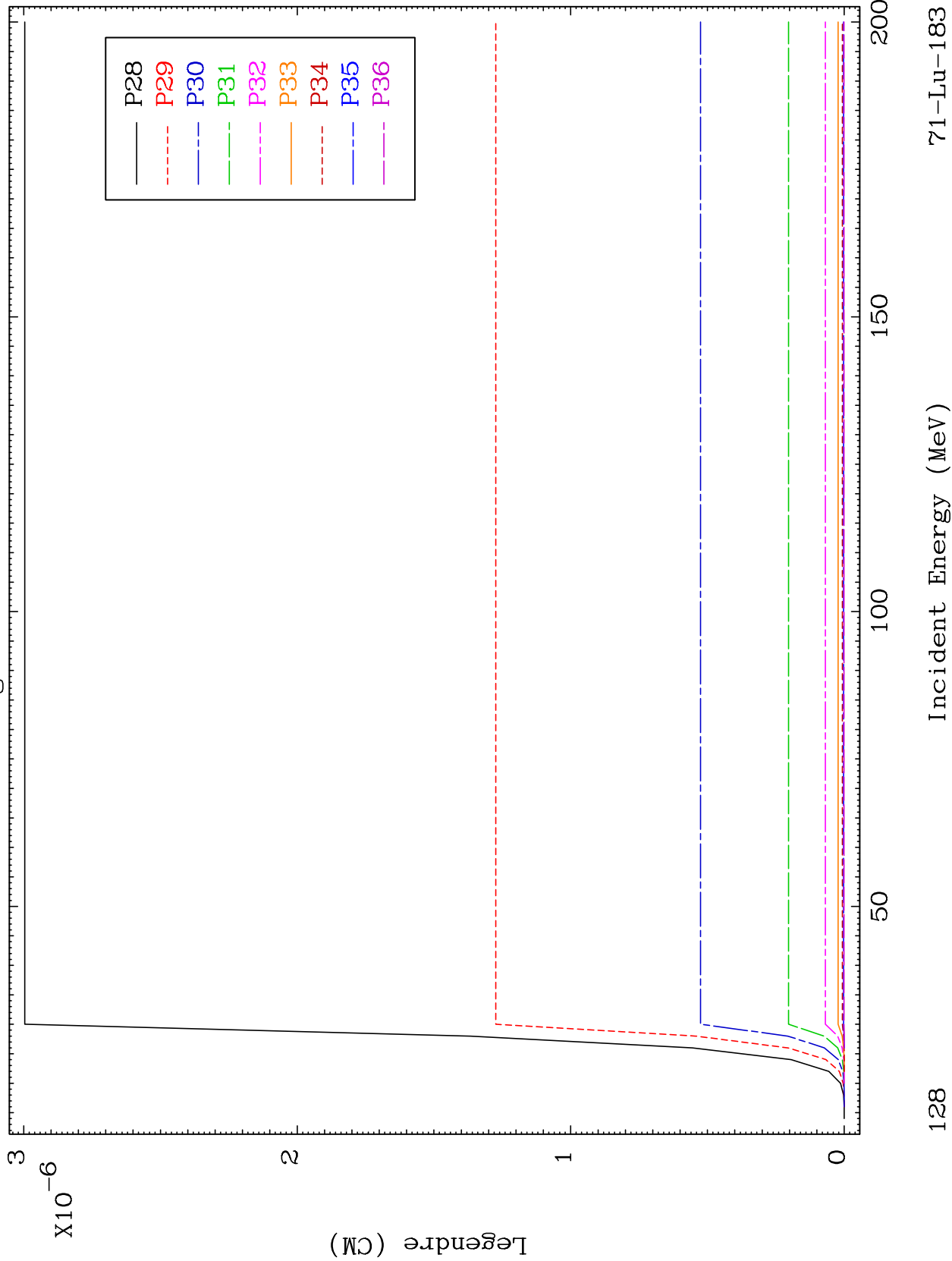
127

71-Lu-183

MAT 7149

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

71-Lu-183

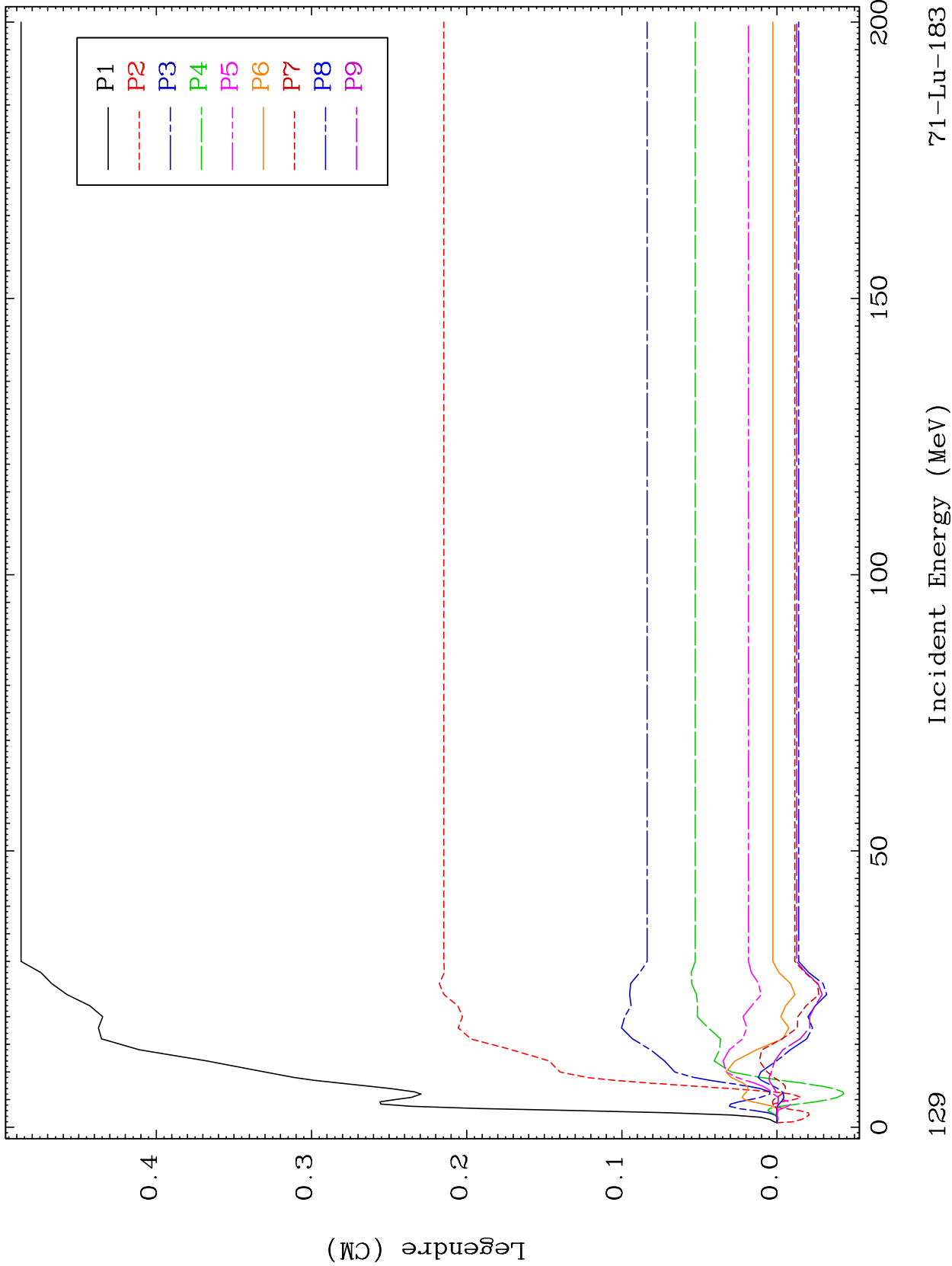


128

MAT 7149

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

71-Lu-183



71-Lu-183

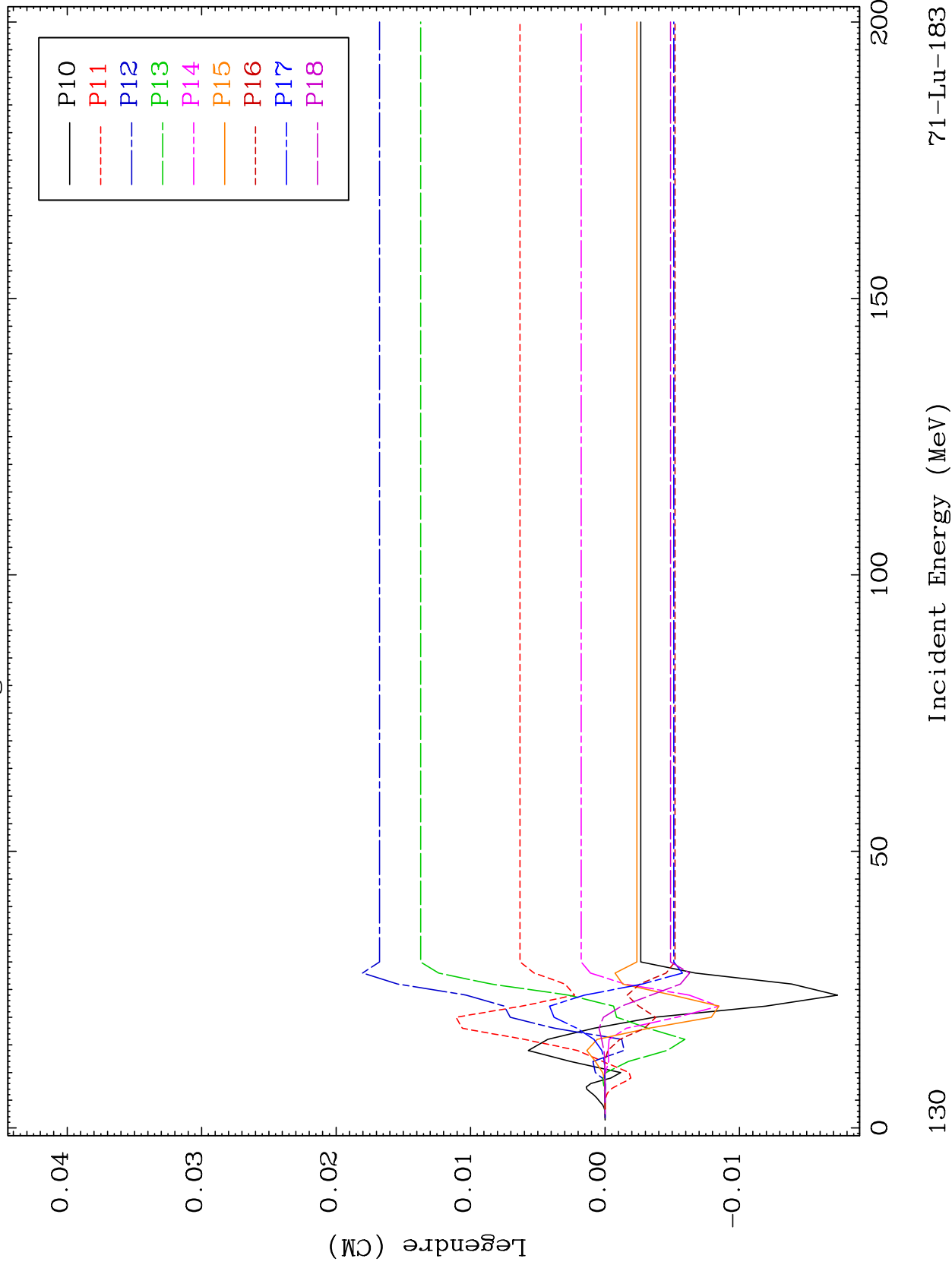
Incident Energy (MeV)

129

MAT 7149

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

71-Lu-183



71-Lu-183

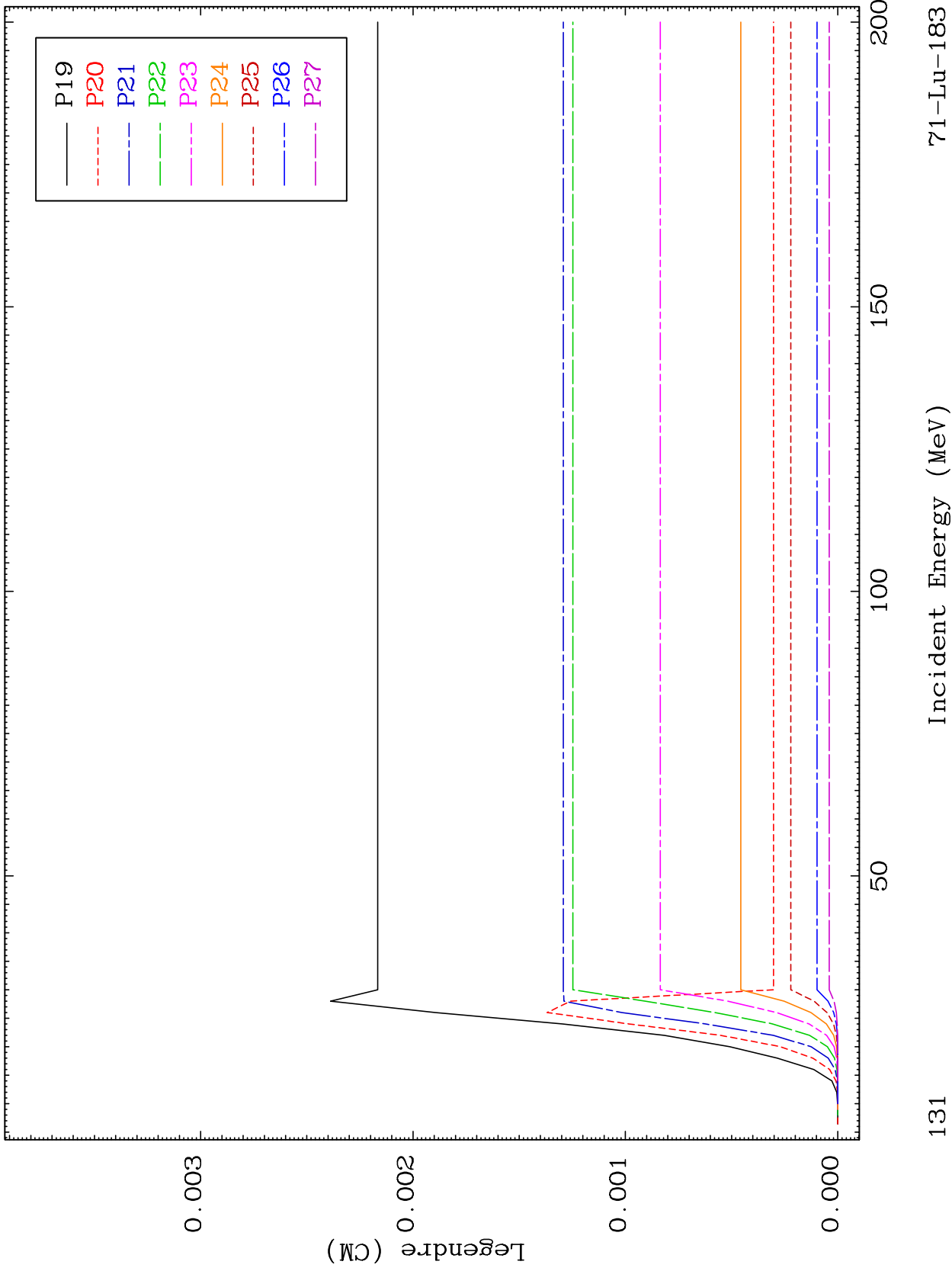
Incident Energy (MeV)

130

MAT 7149

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

71-Lu-183



131

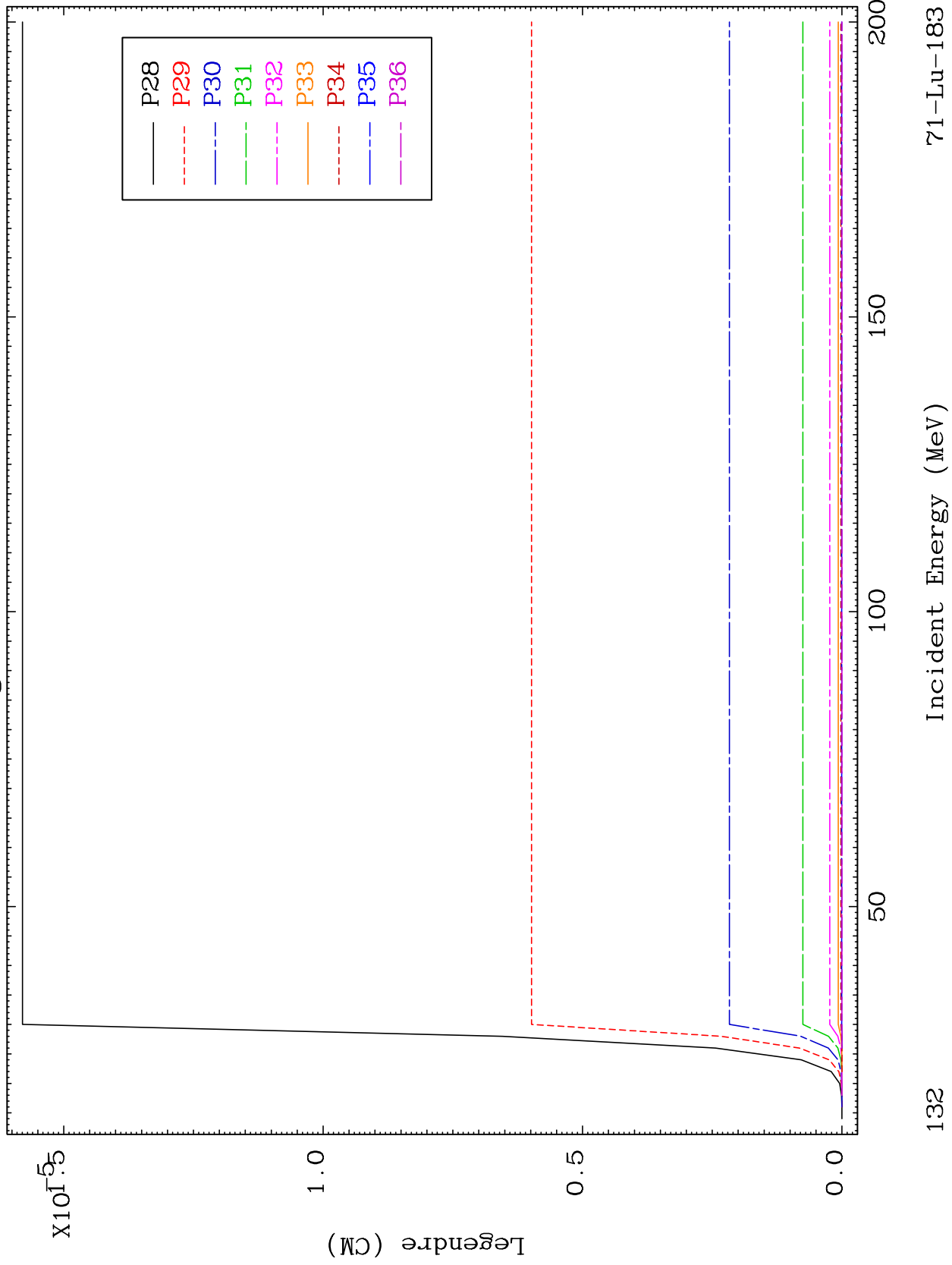
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



132

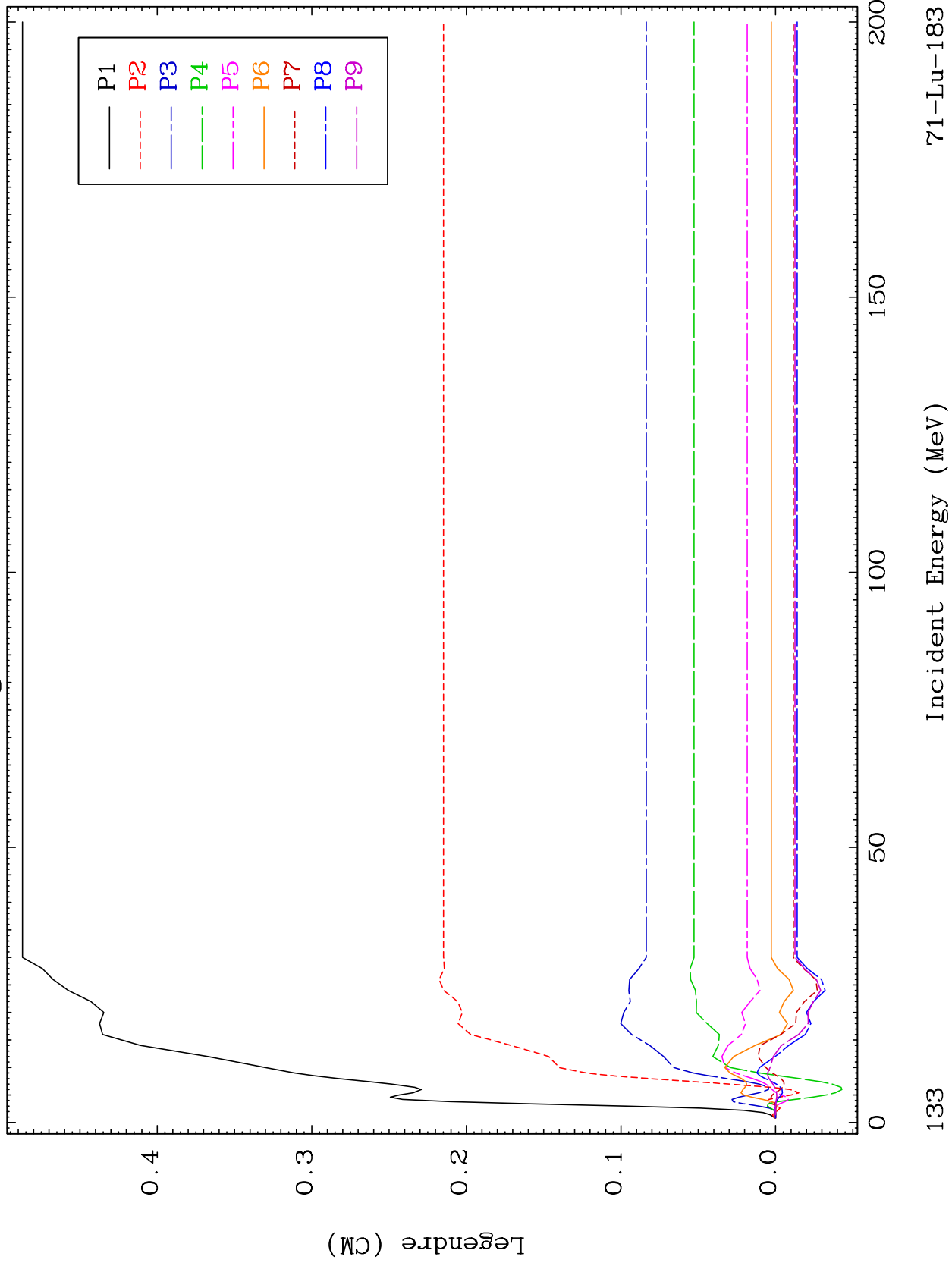
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



71-Lu-183

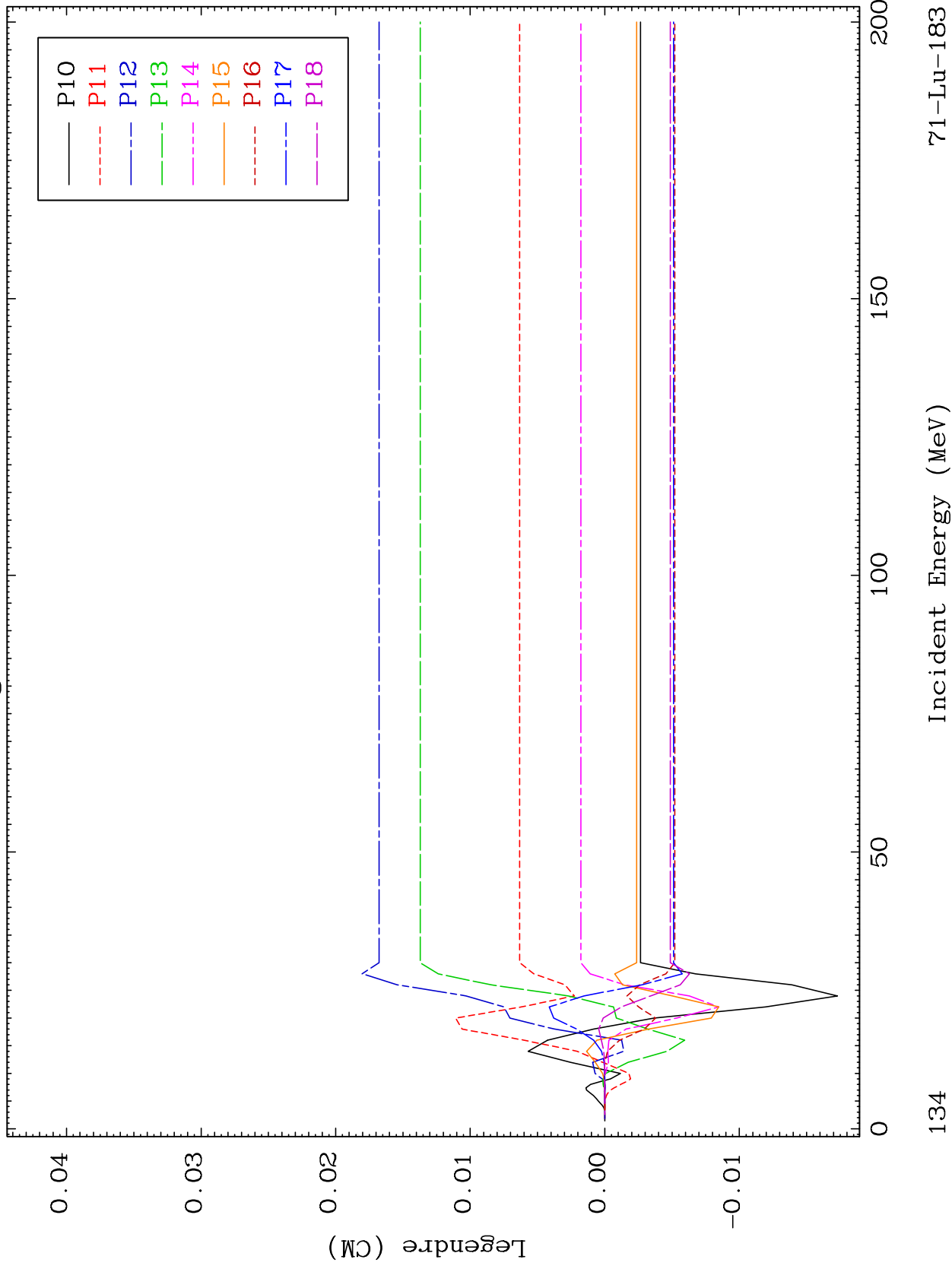
Incident Energy (MeV)

133

MAT 7149

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

71-Lu-183



134

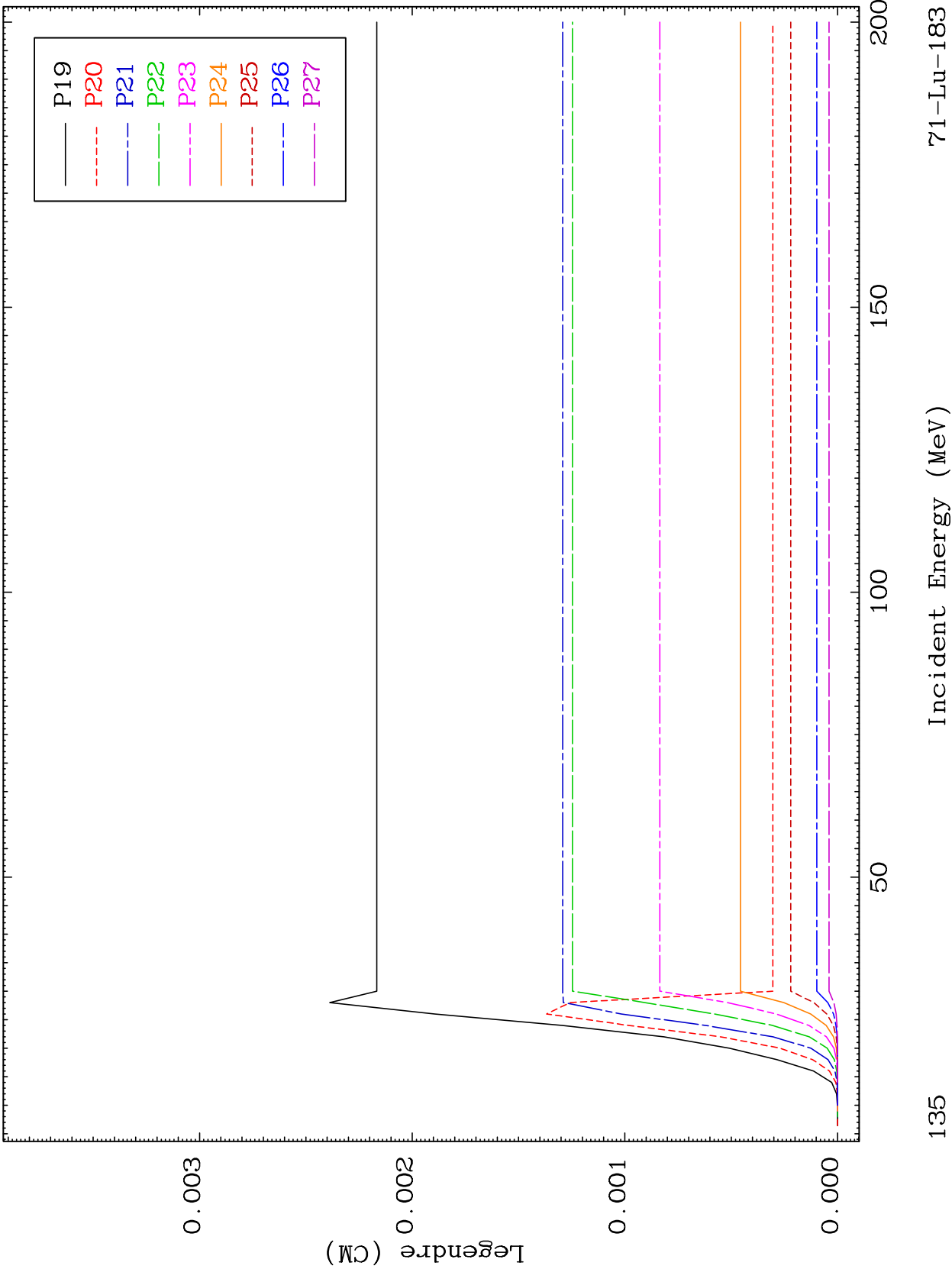
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



135

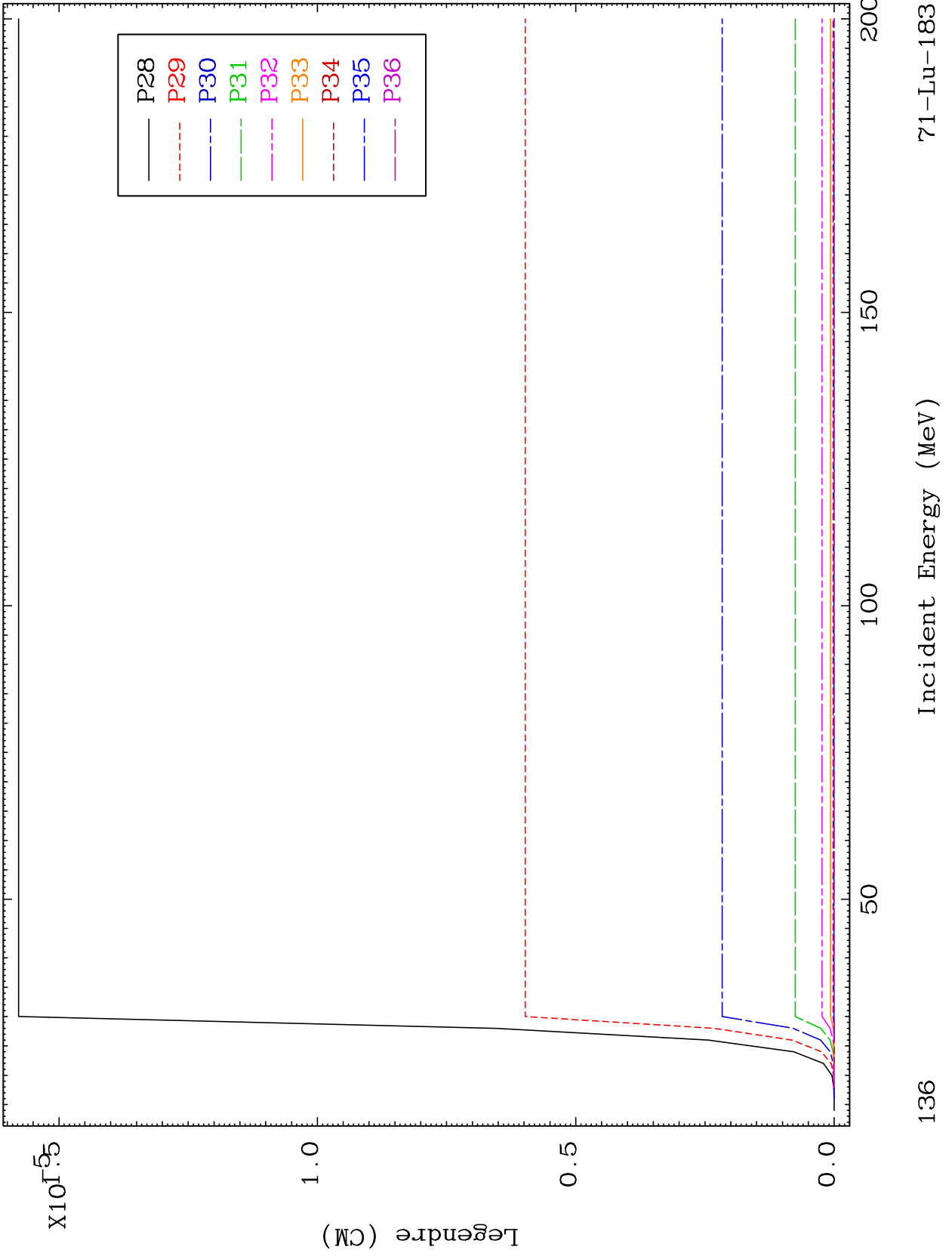
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183

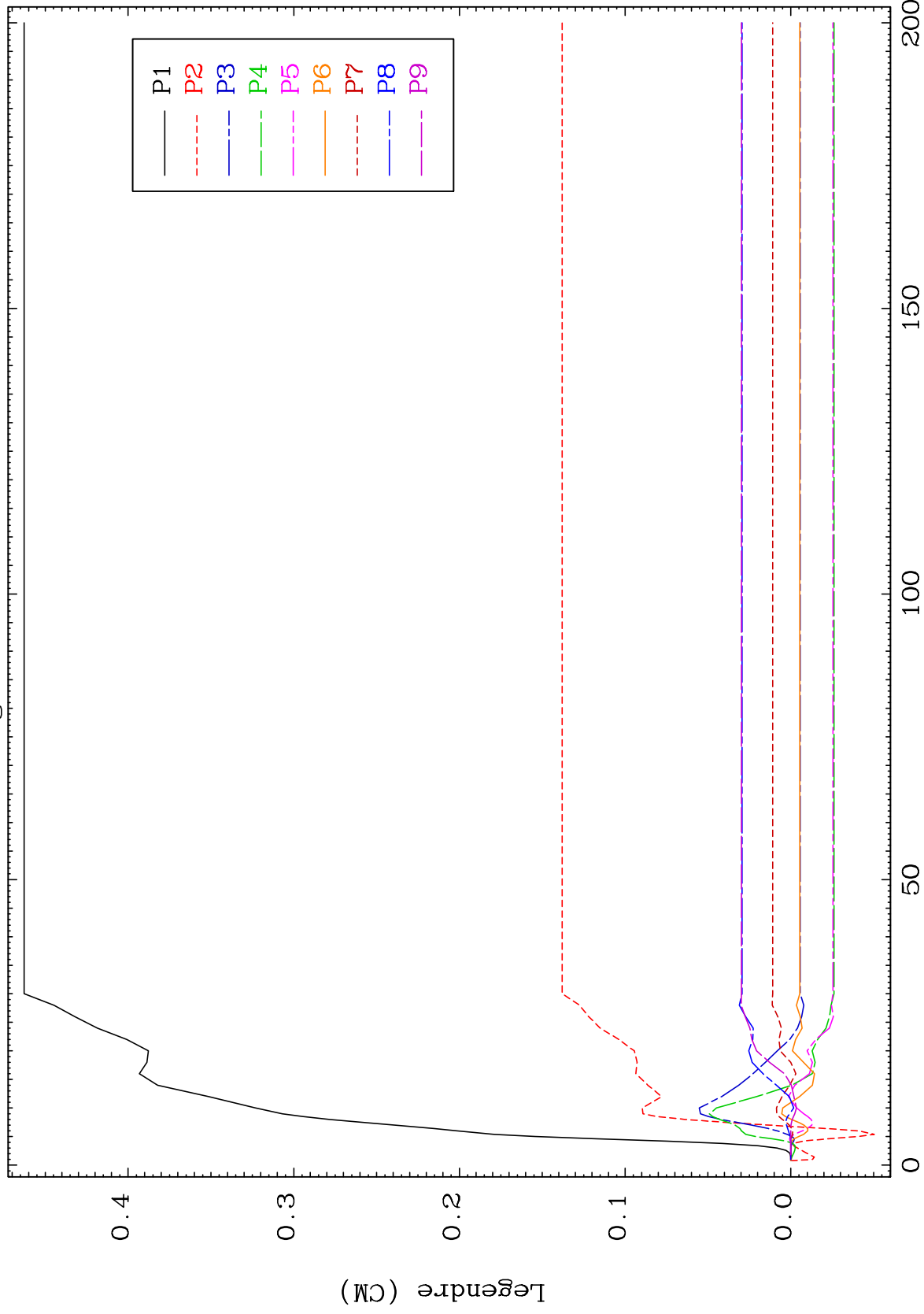


136

MAT 7149

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

71-Lu-183



137

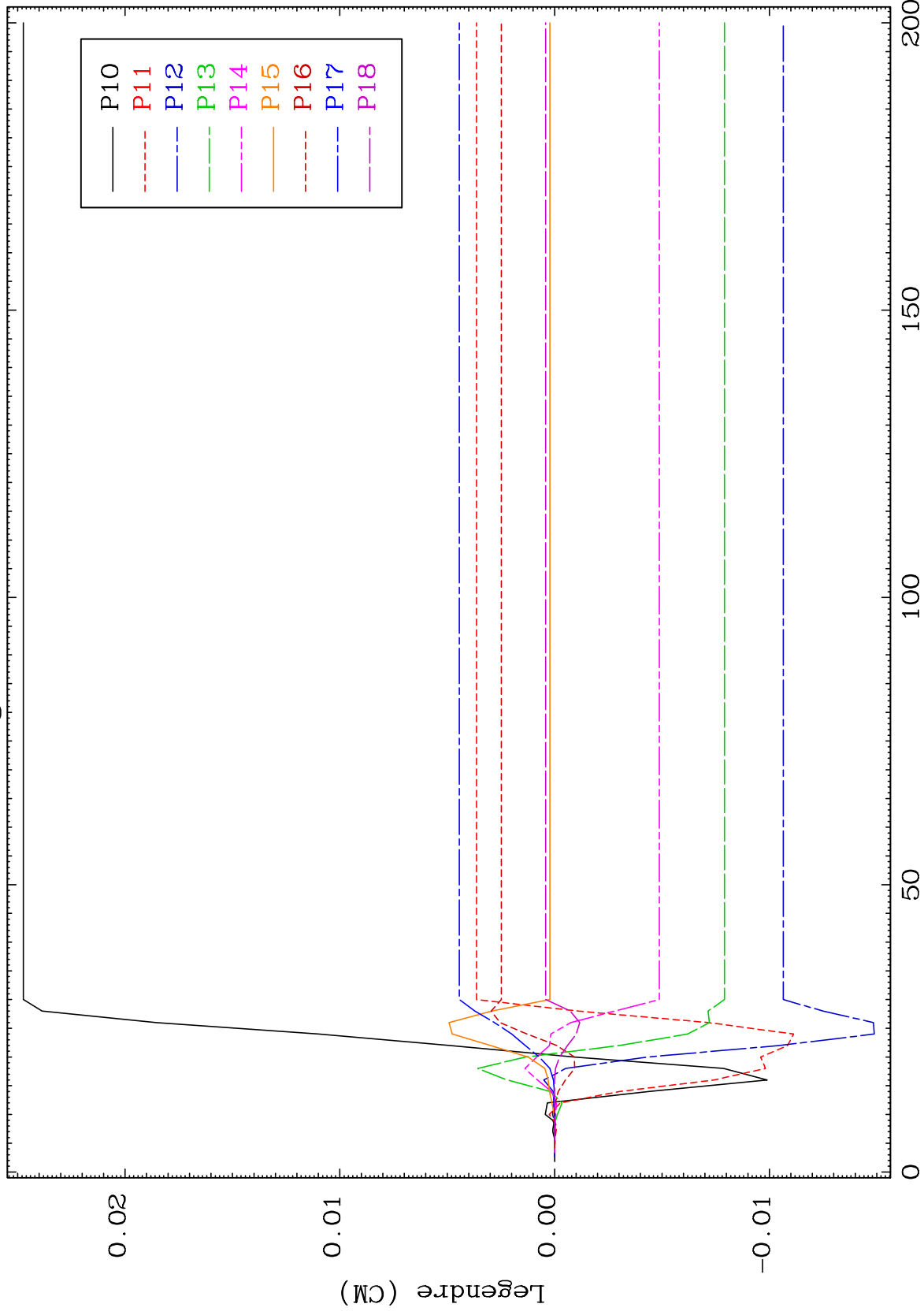
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



138

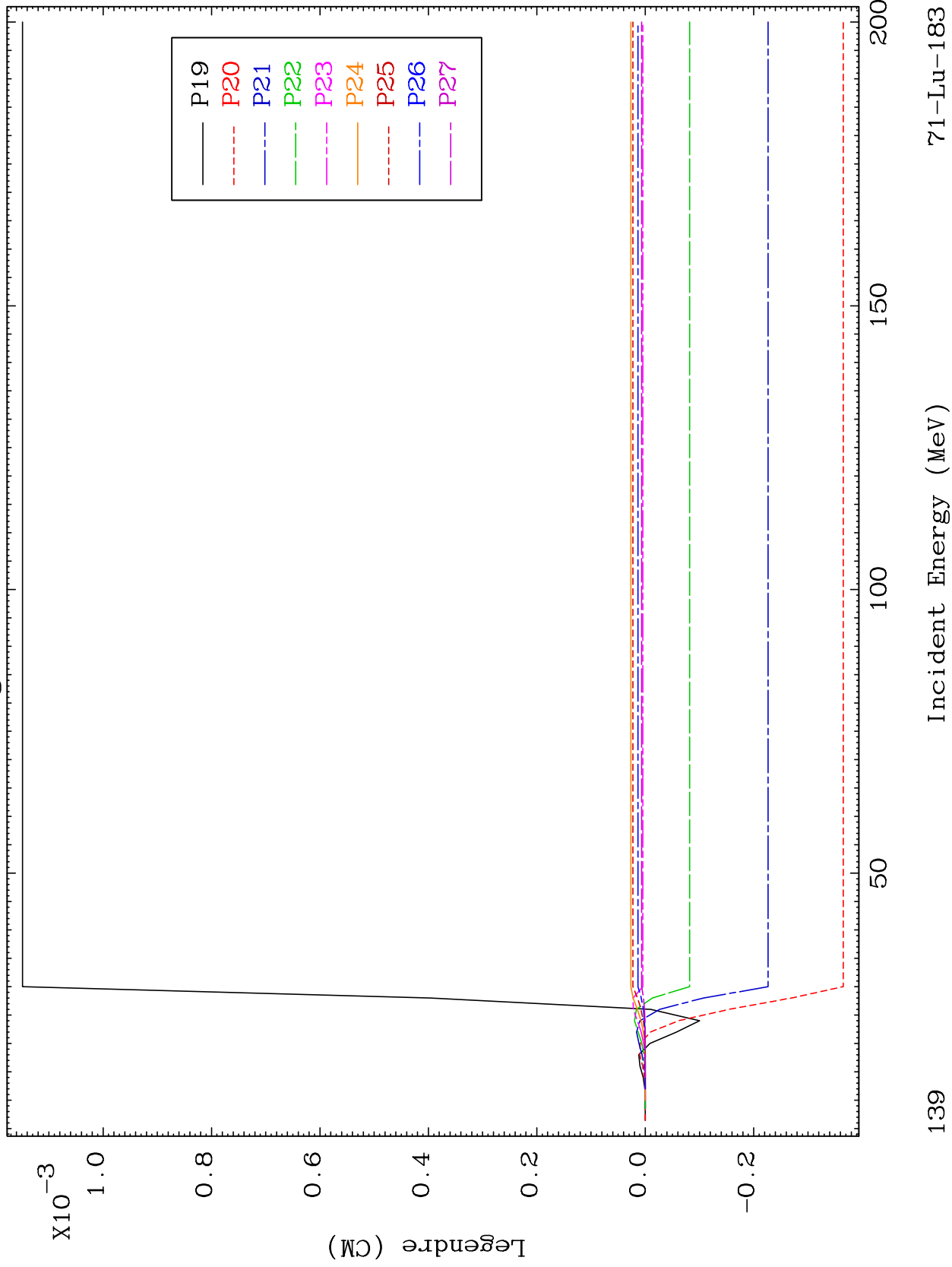
Incident Energy (MeV)

71-Lu-183

MAT 7149

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

71-Lu-183



71-Lu-183

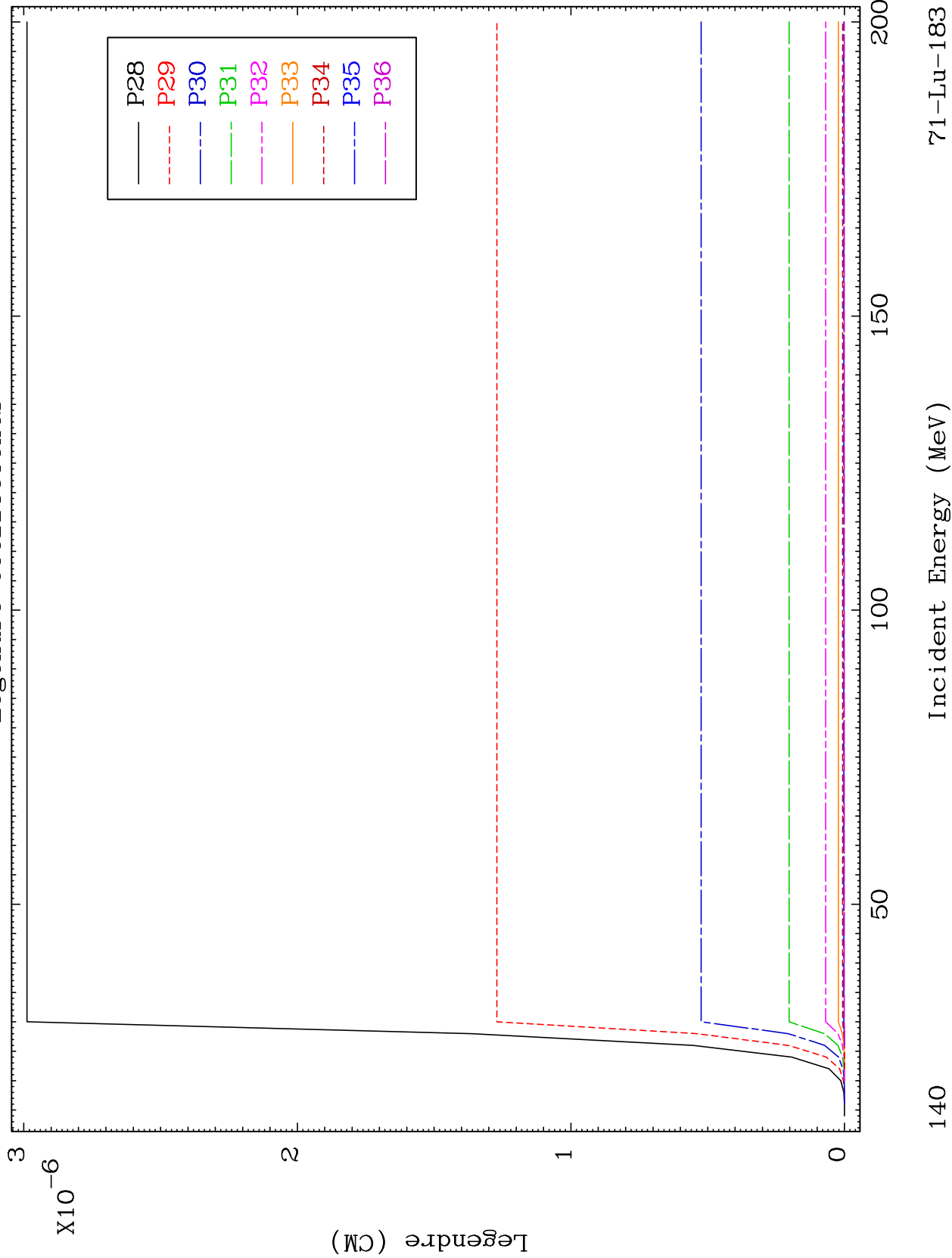
Incident Energy (MeV)

139

MAT 7149

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

71-Lu-183

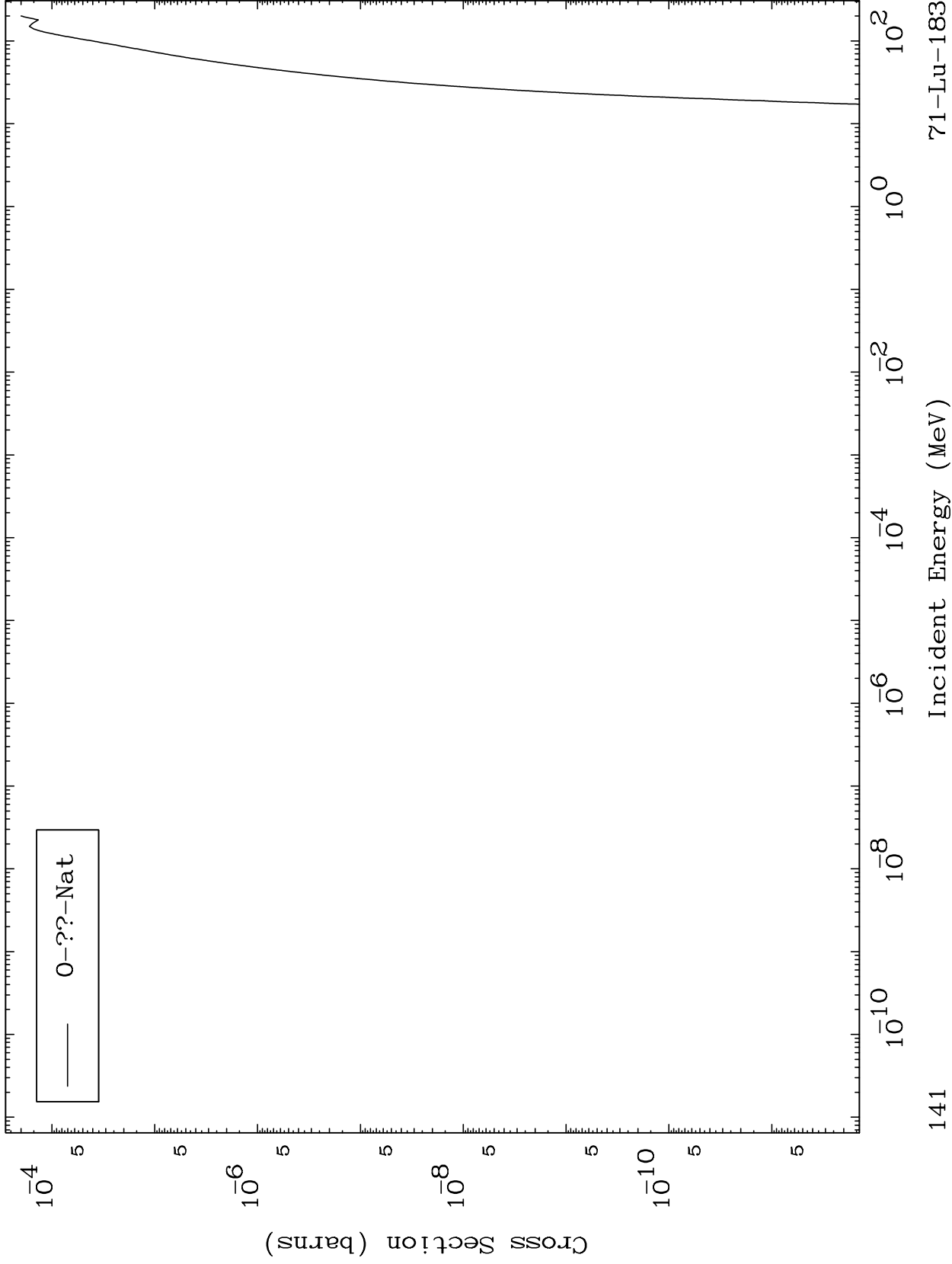


MAT 7149

Fission

⁷¹Lu-183

Radionuclide Production Cross Section



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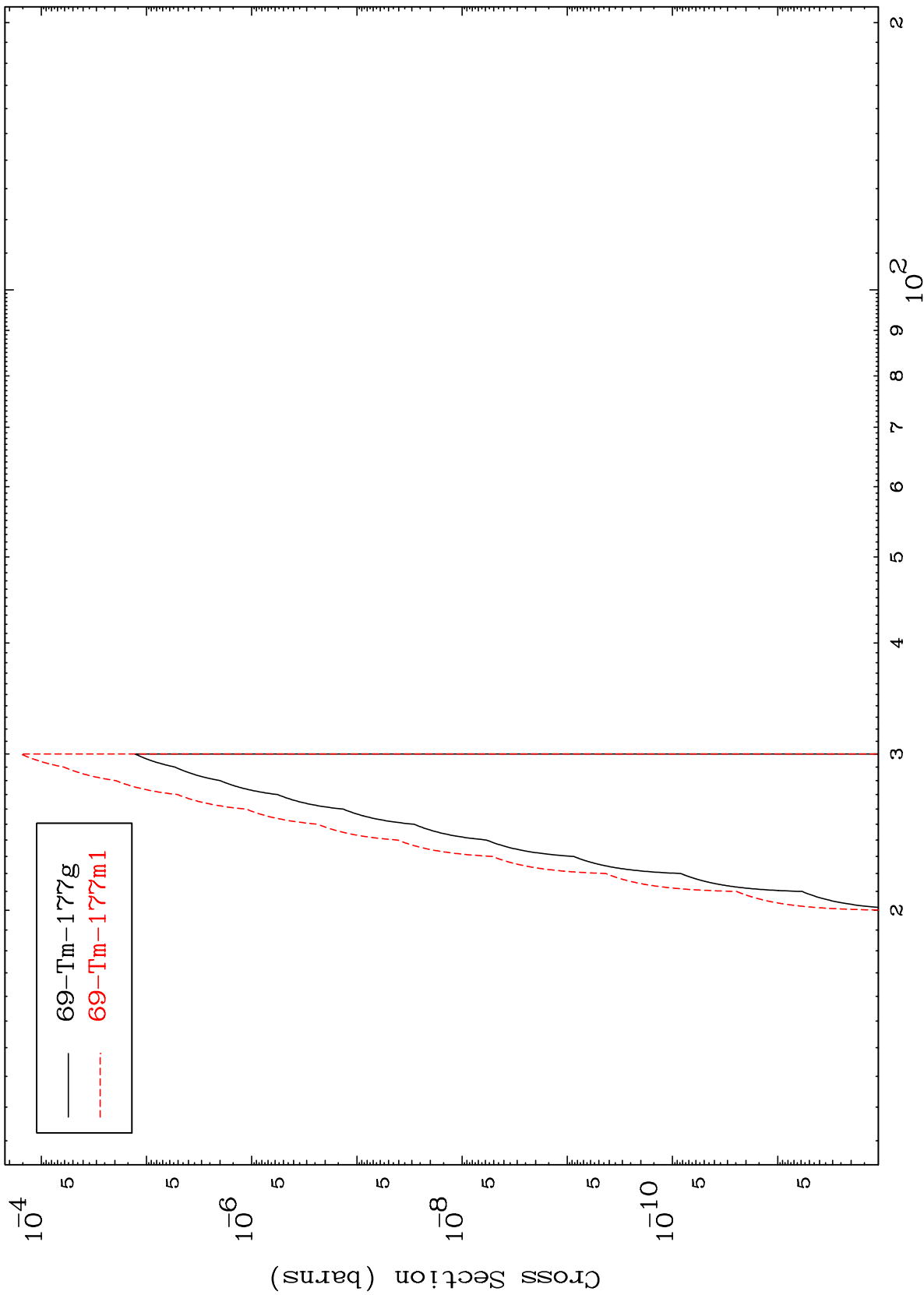
⁷¹Lu-183

MAT 7149

(n,3n) α

71-Lu-183

Radionuclide Production Cross Section



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Incident Energy (MeV)

71-Lu-183