

Program EVALPLOT
(Version 2021-1)

by

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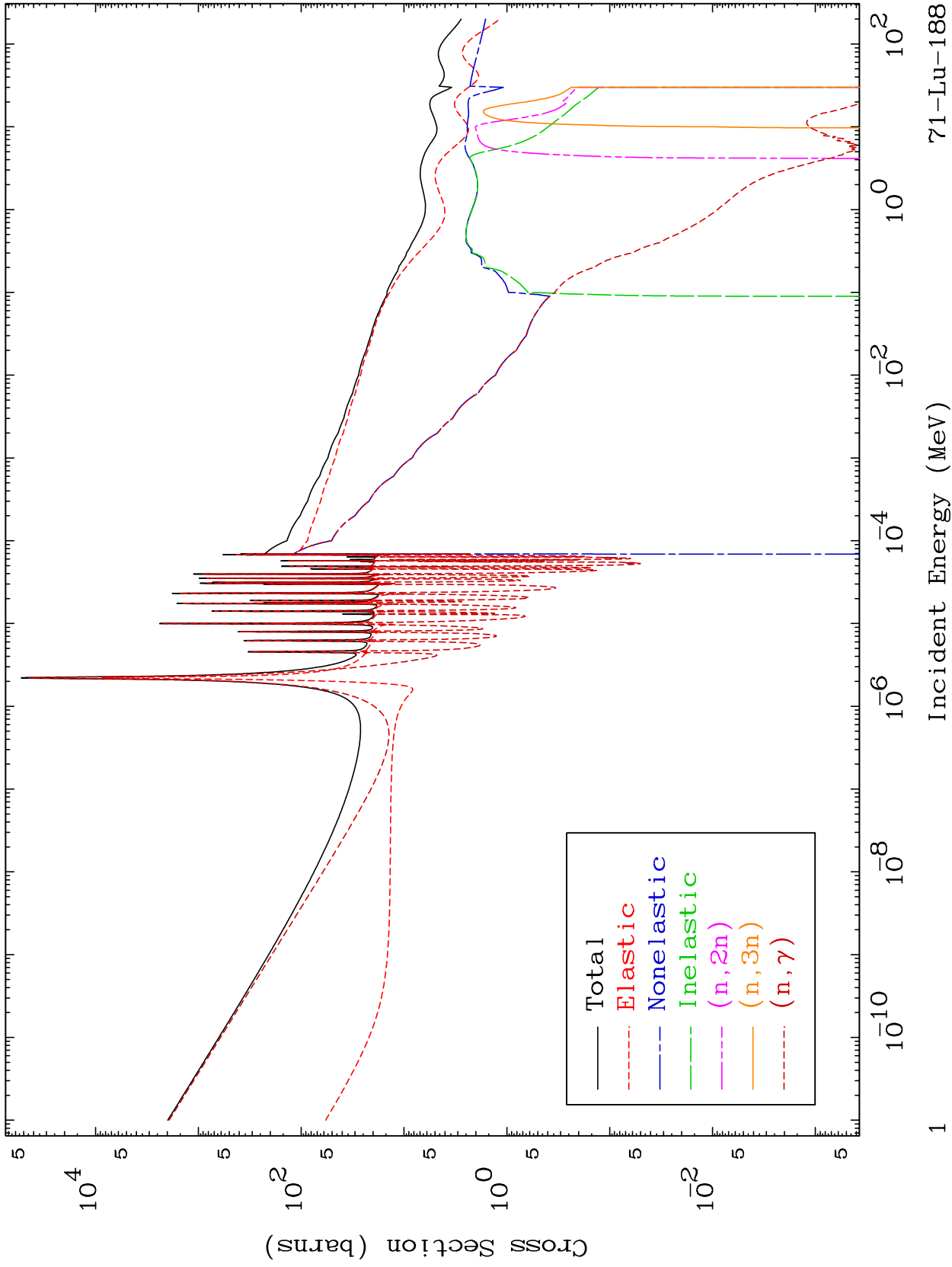
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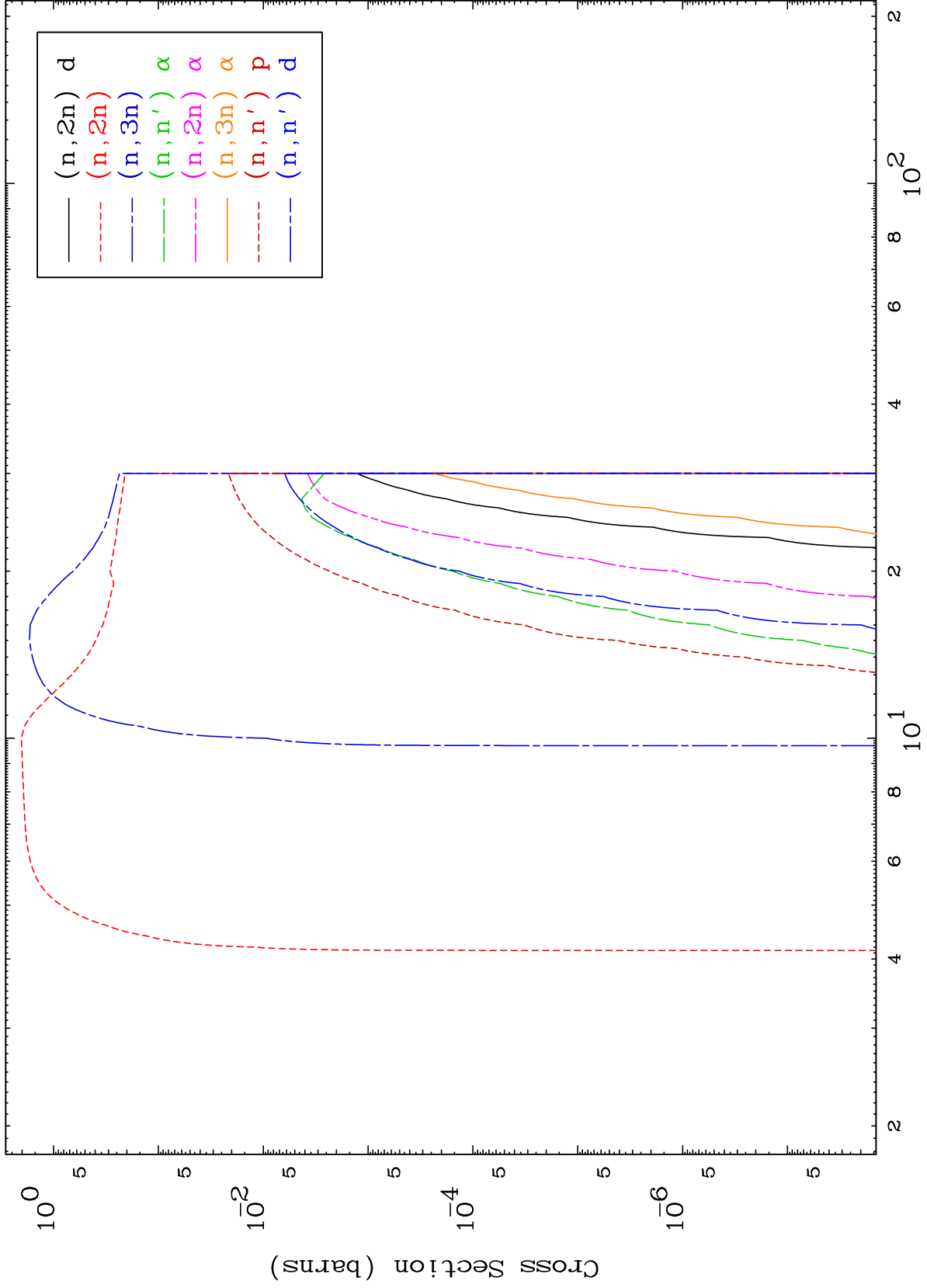
Press Mouse Button to Start

MAT 7164

Neutron Major
293 Kelvin Cross Sections

71-Lu-188

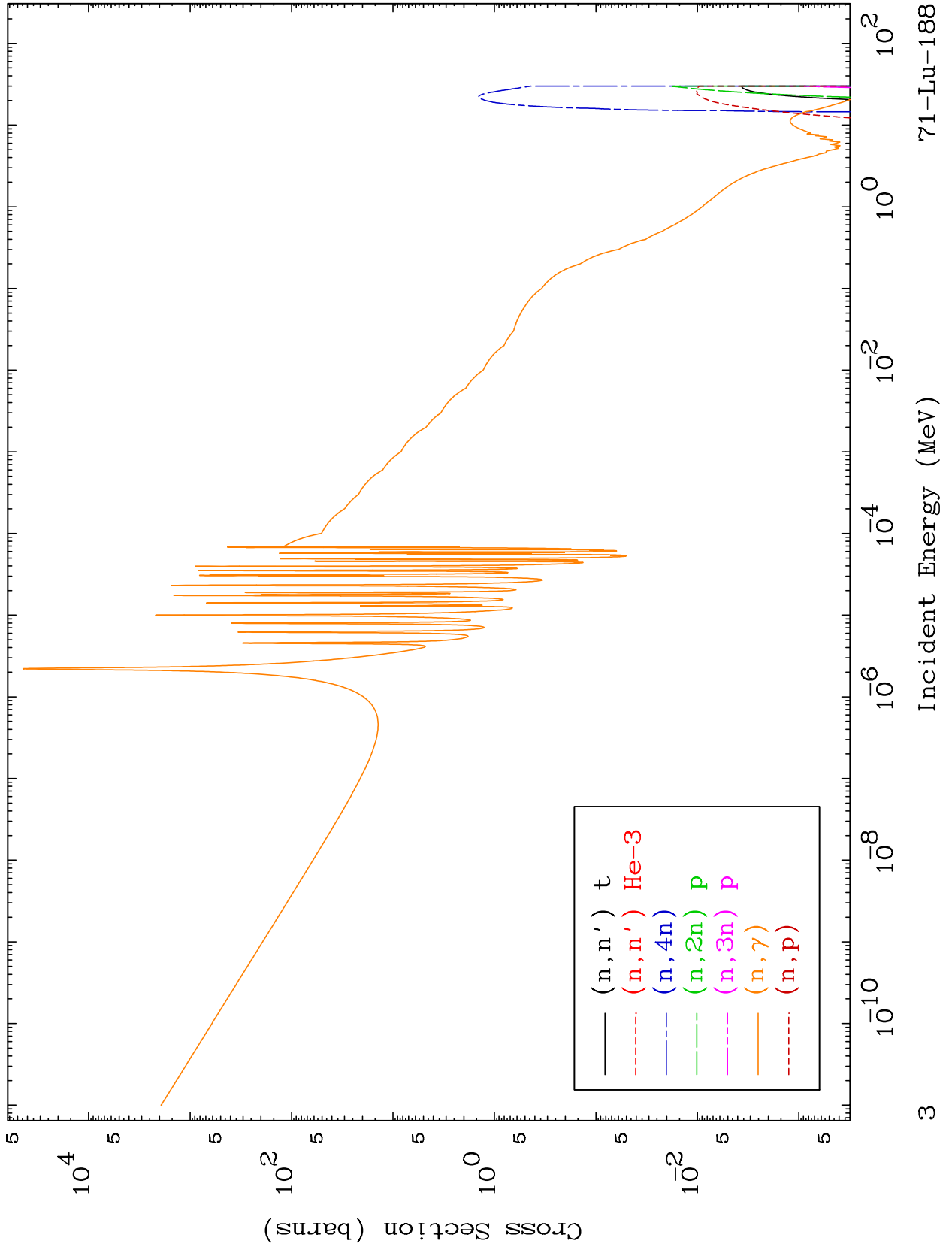




MAT 7164

Neutron Absorption
293 Kelvin Cross Sections

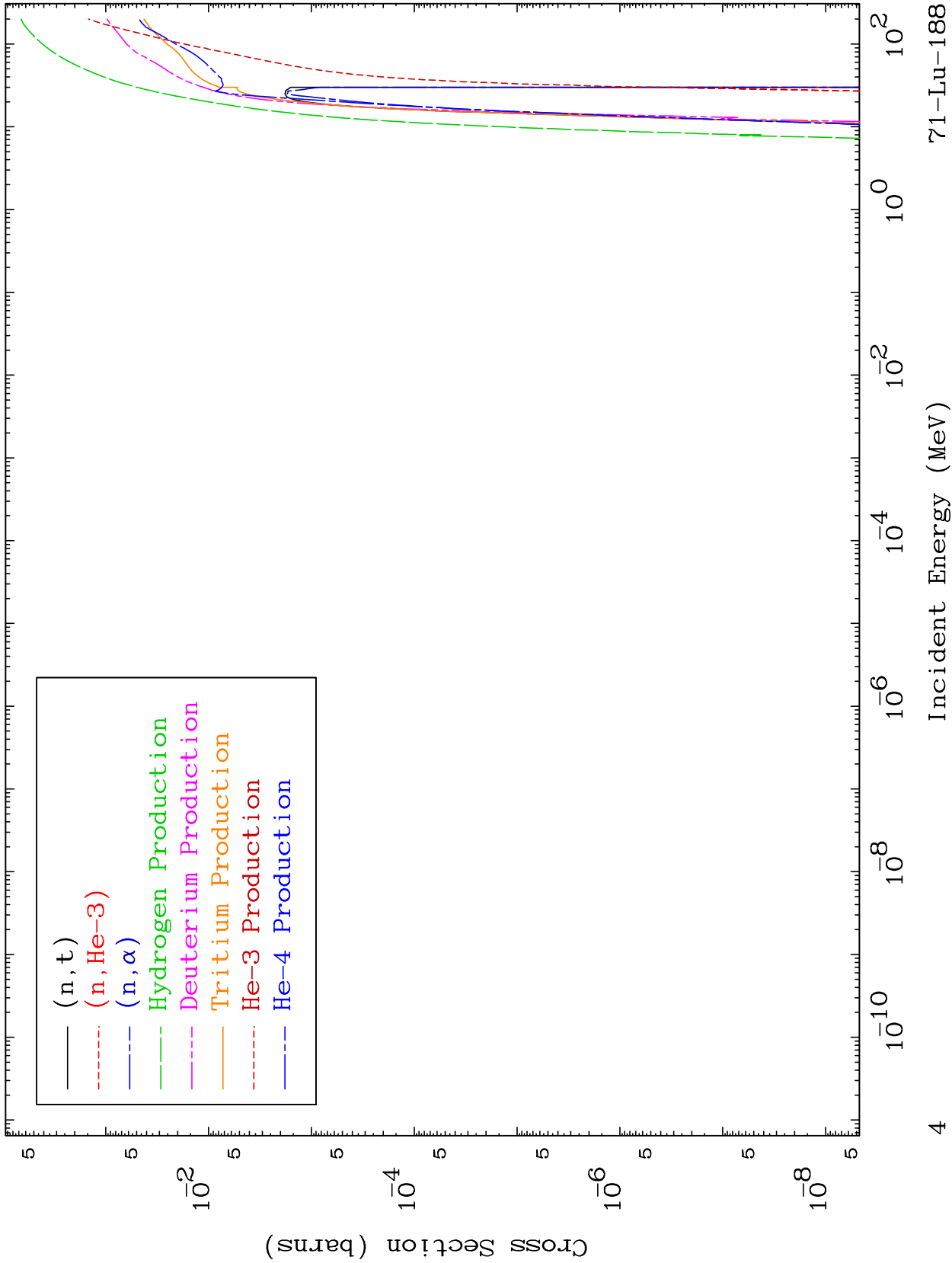
71-Lu-188

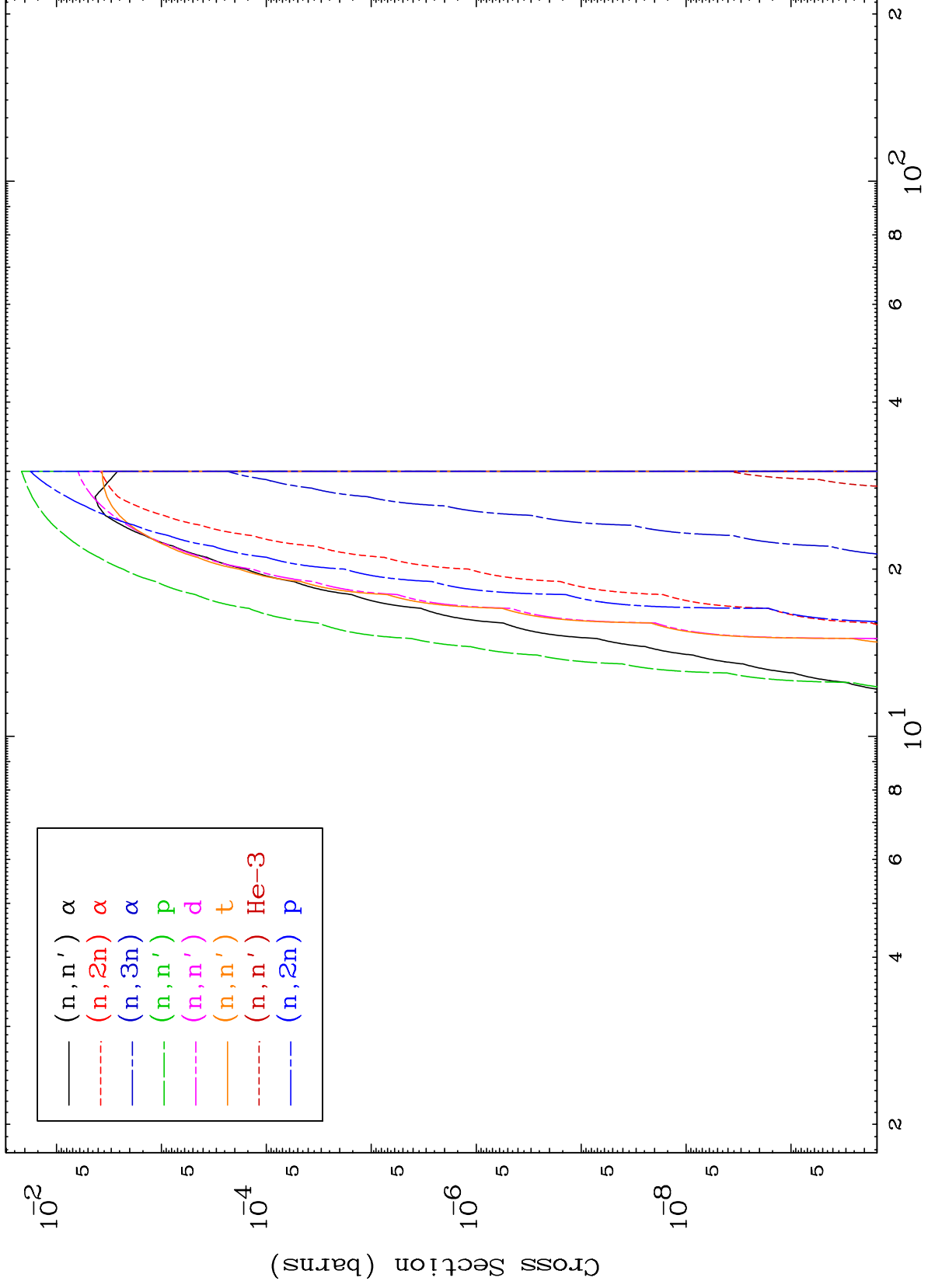


MAT 7164

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-188

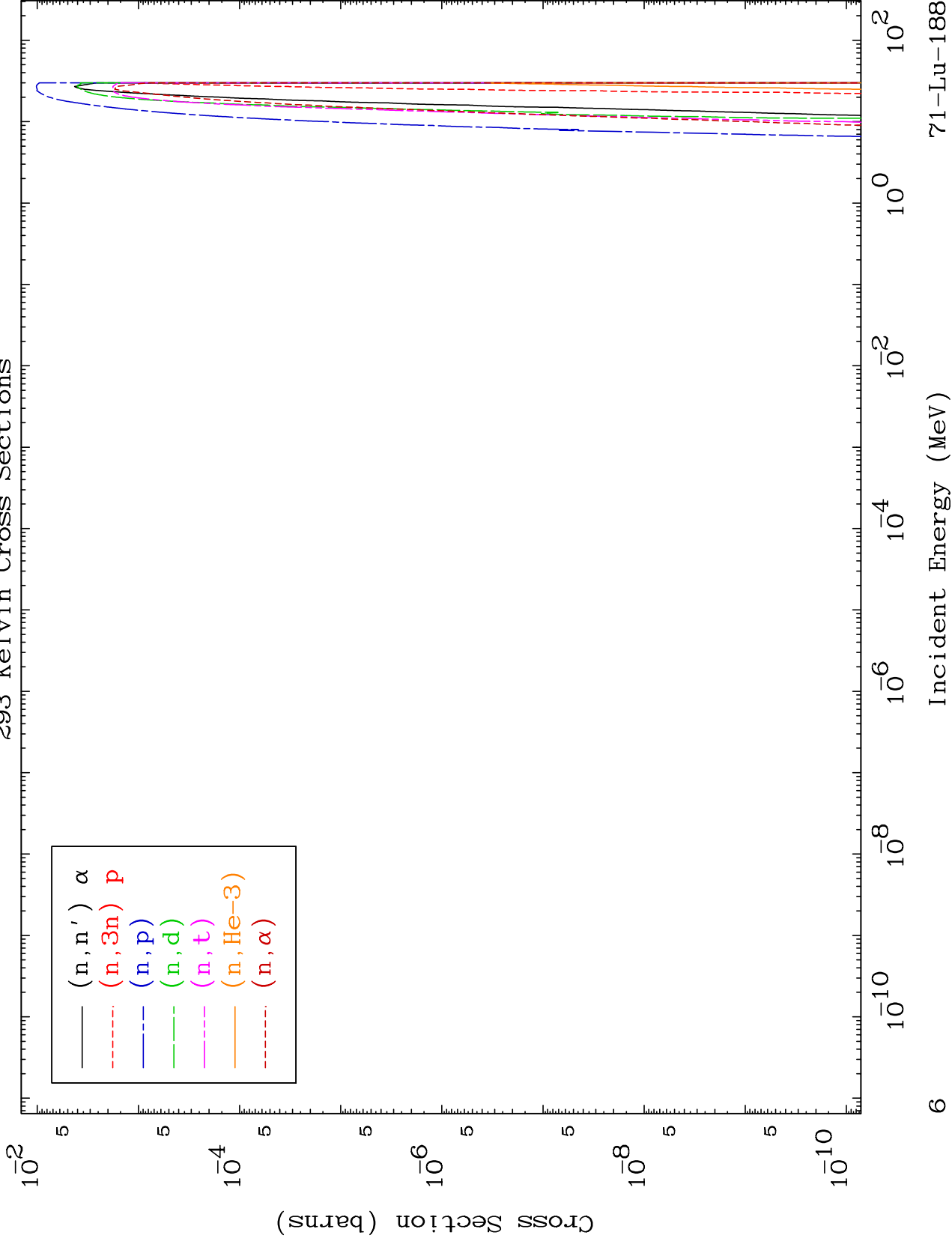


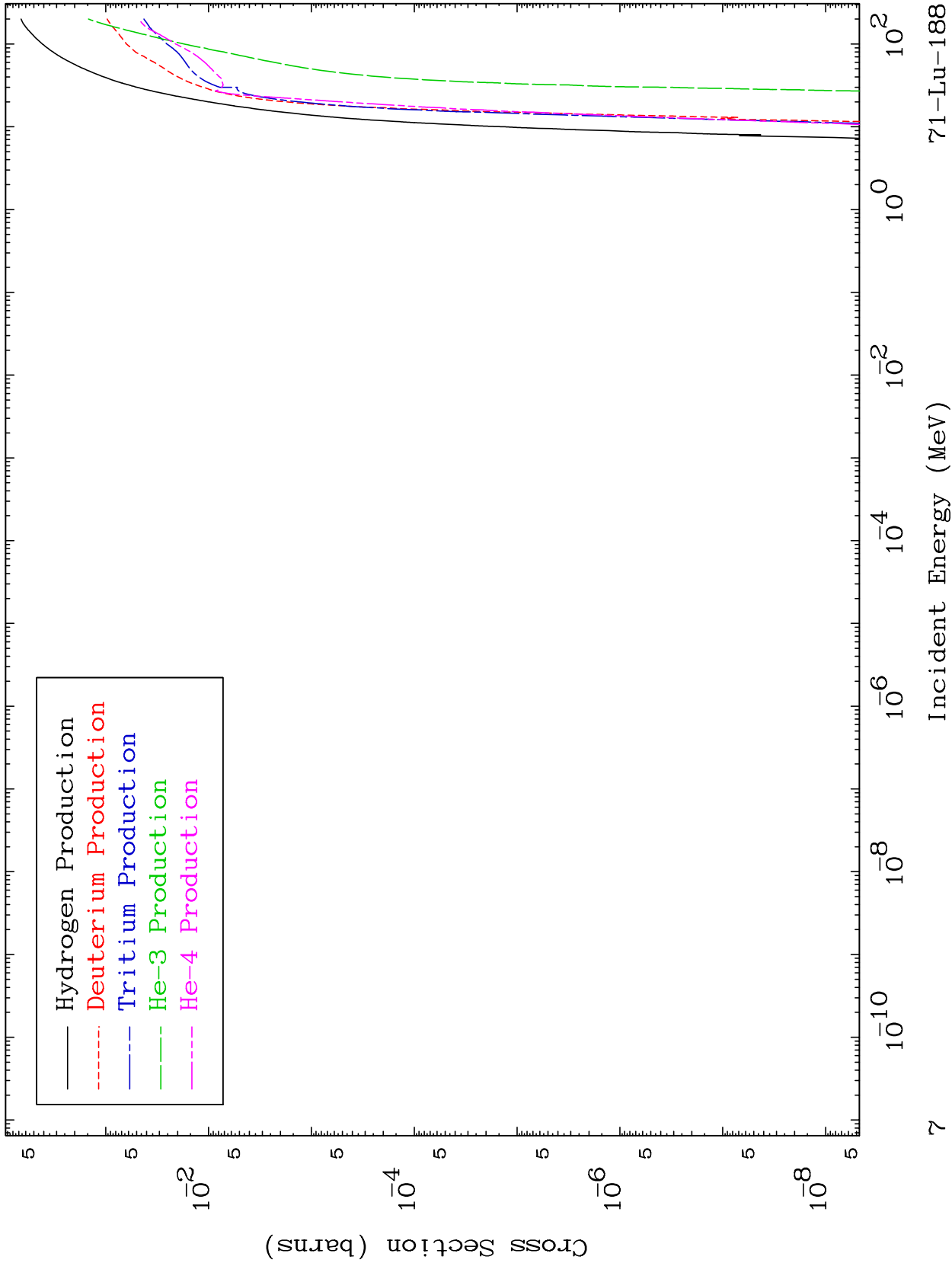


MAT 7164

Charged Particle
293 Kelvin Cross Sections

71-Lu-188



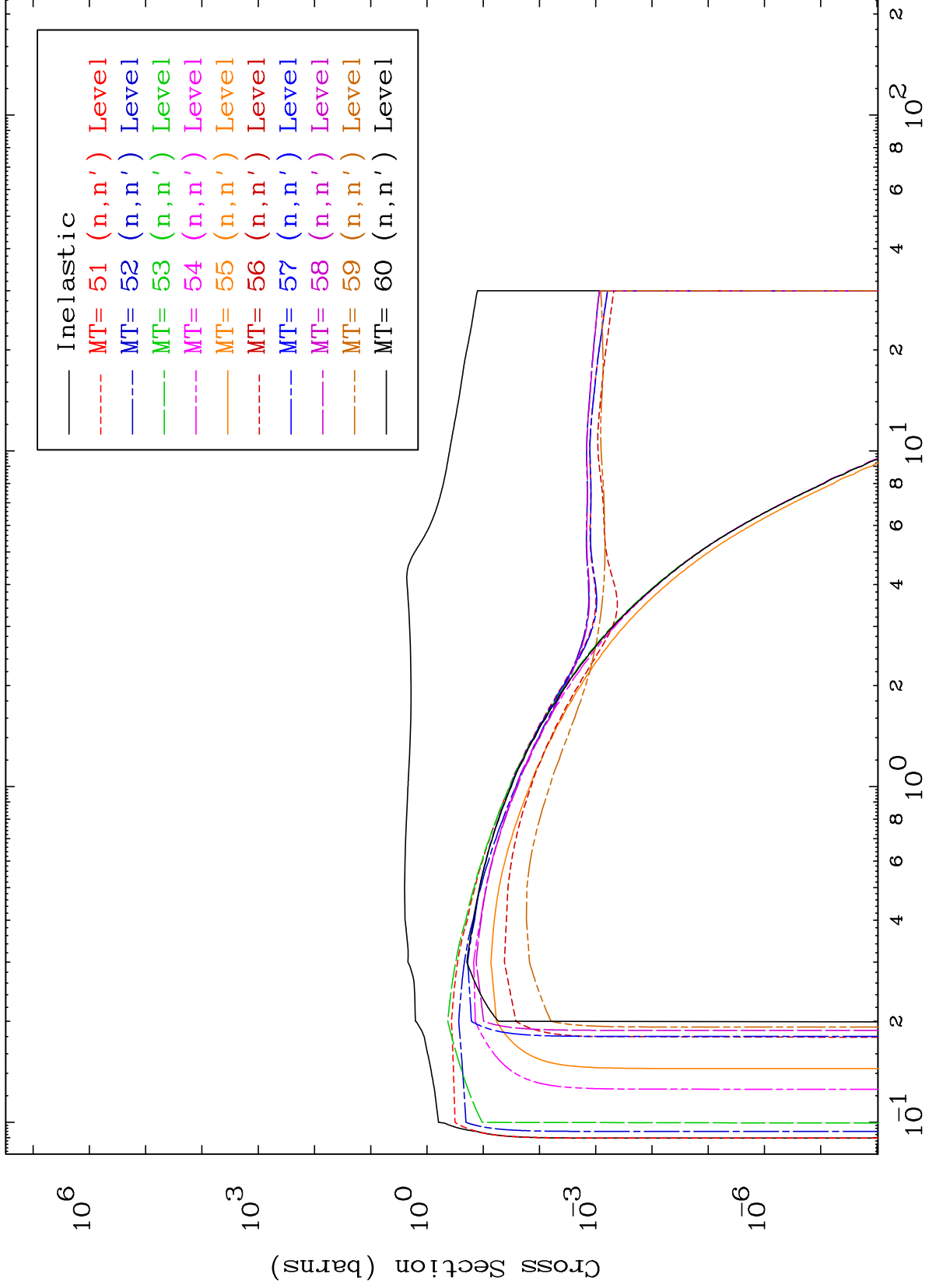


MAT 7164

(n,n') Levels

71-Lu-188

293 Kelvin Cross Sections



8

Incident Energy (MeV)

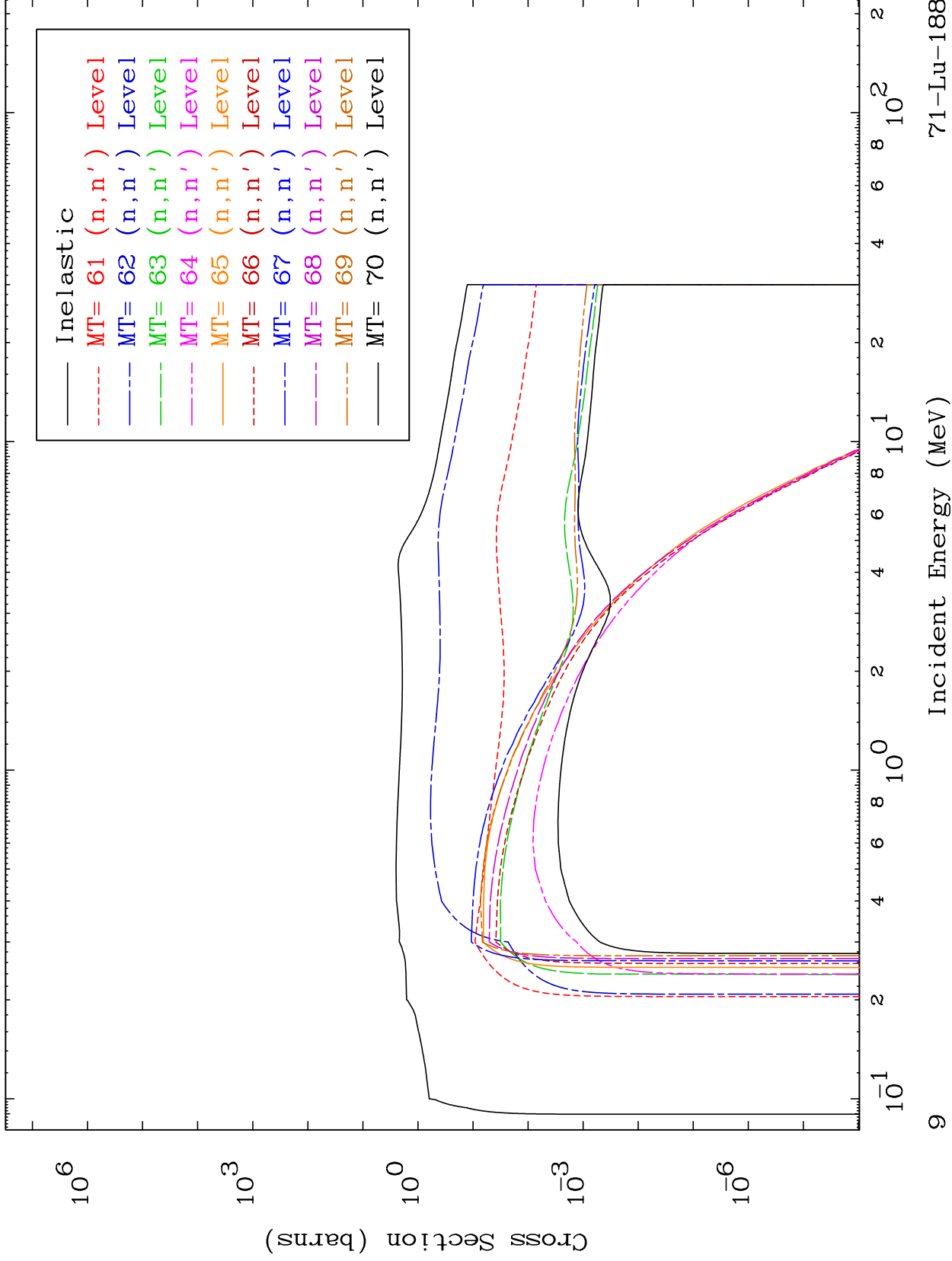
71-Lu-188

MAT 7164

(n,n') Levels

71-Lu-188

293 Kelvin Cross Sections



9

Incident Energy (MeV)

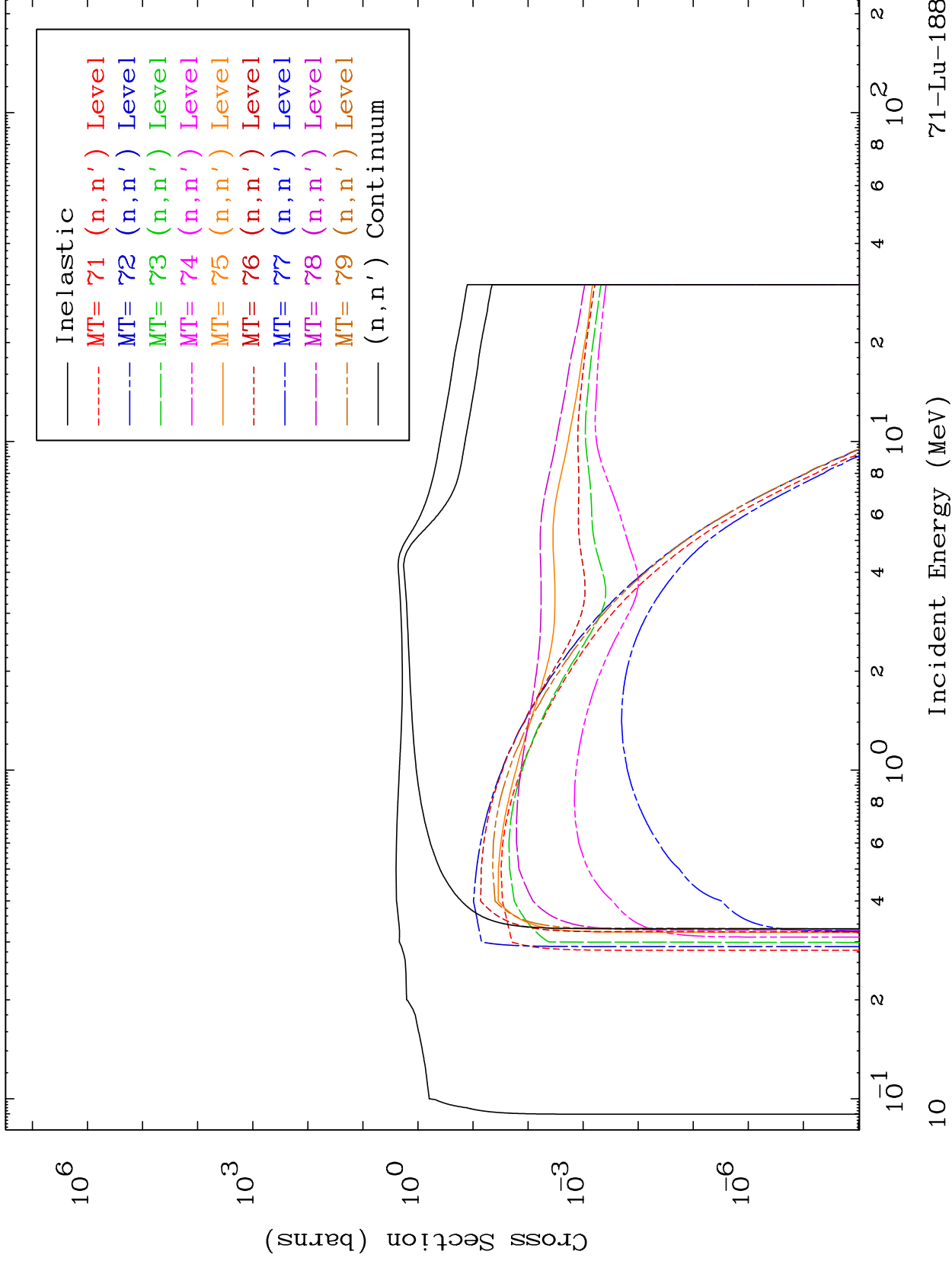
71-Lu-188

MAT 7164

(n,n') Levels

71-Lu-188

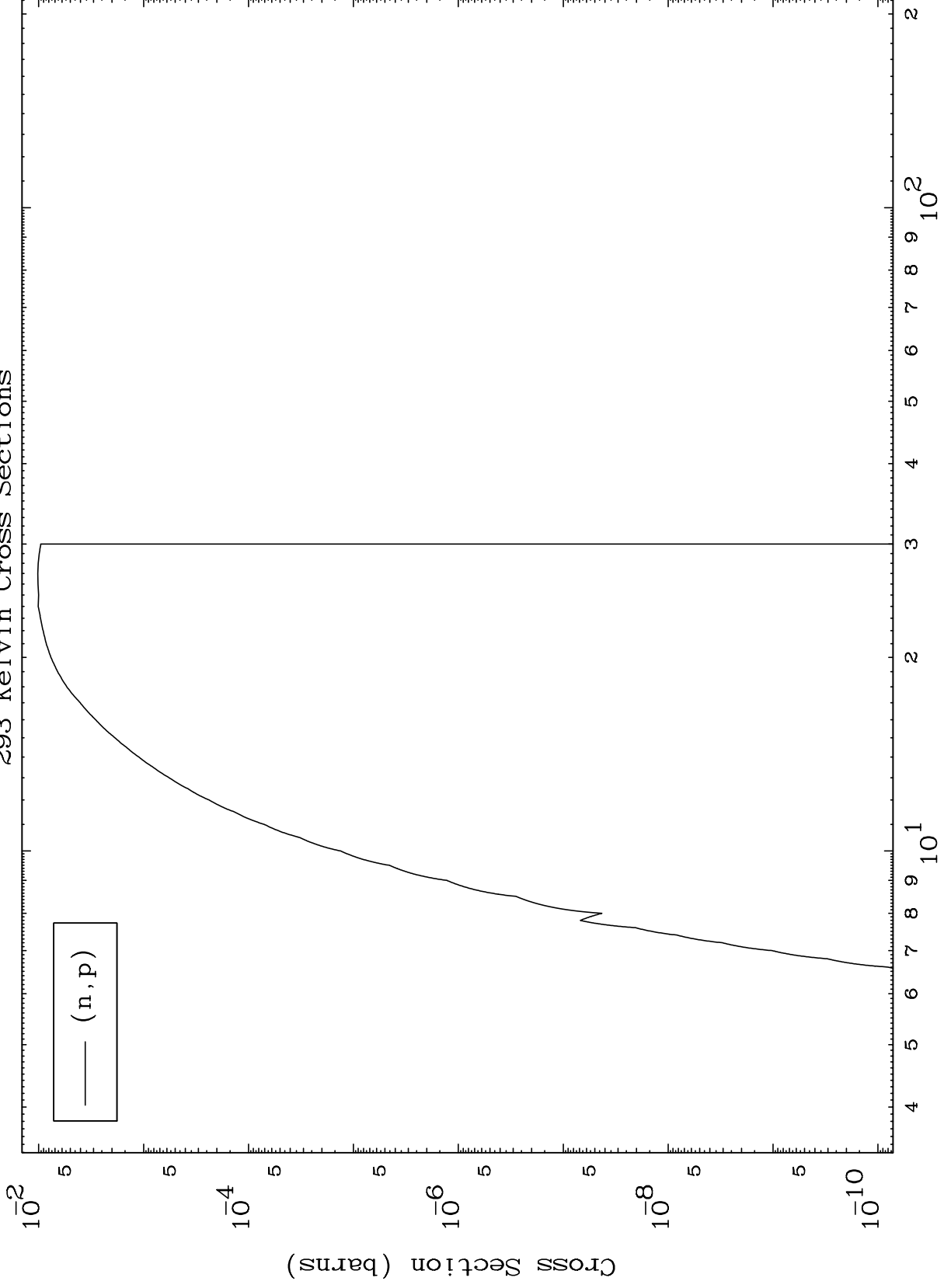
293 Kelvin Cross Sections



MAT 7164

(n,p) Levels
293 Kelvin Cross Sections

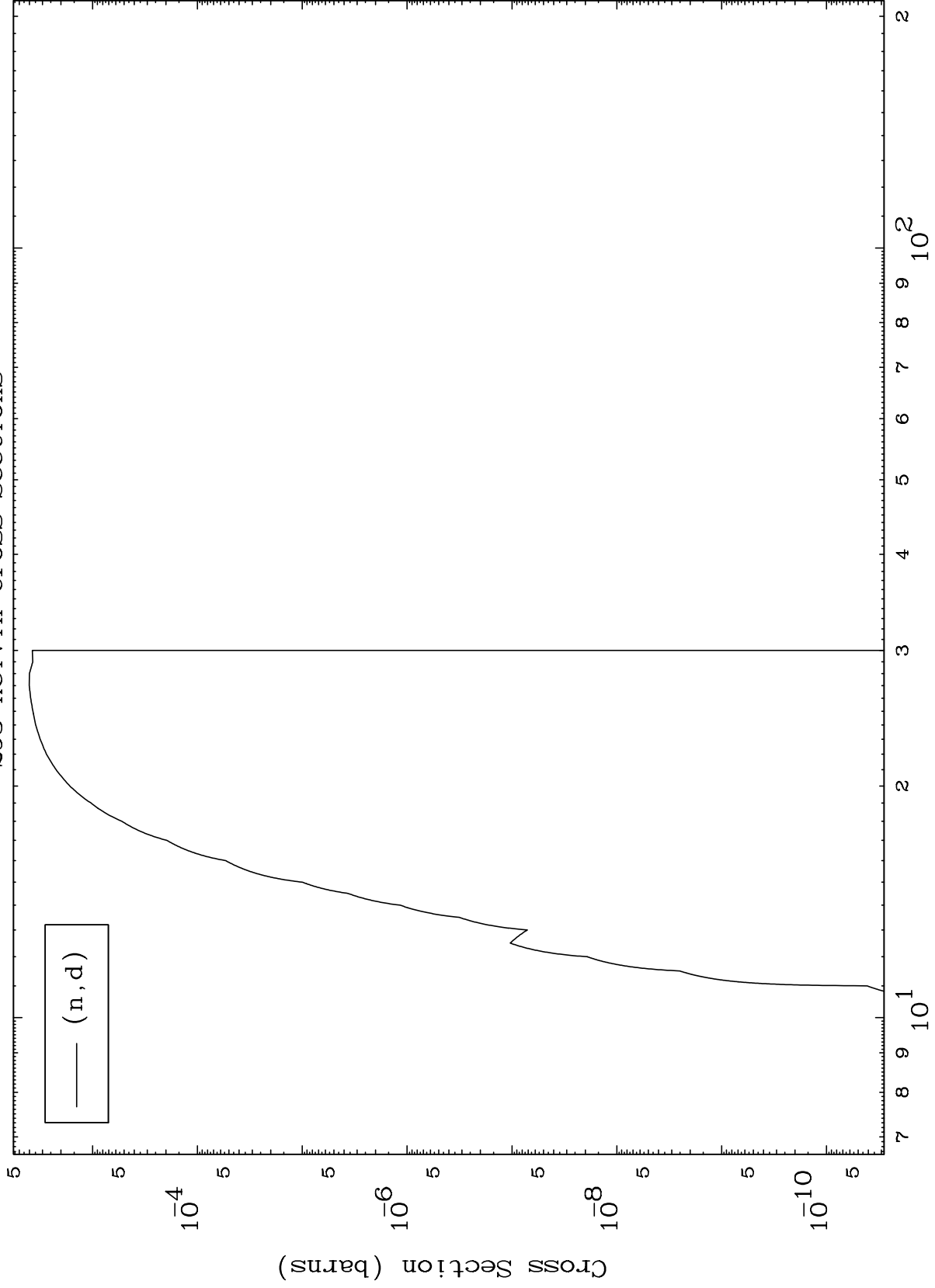
71-Lu-188



MAT 7164

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-188



12

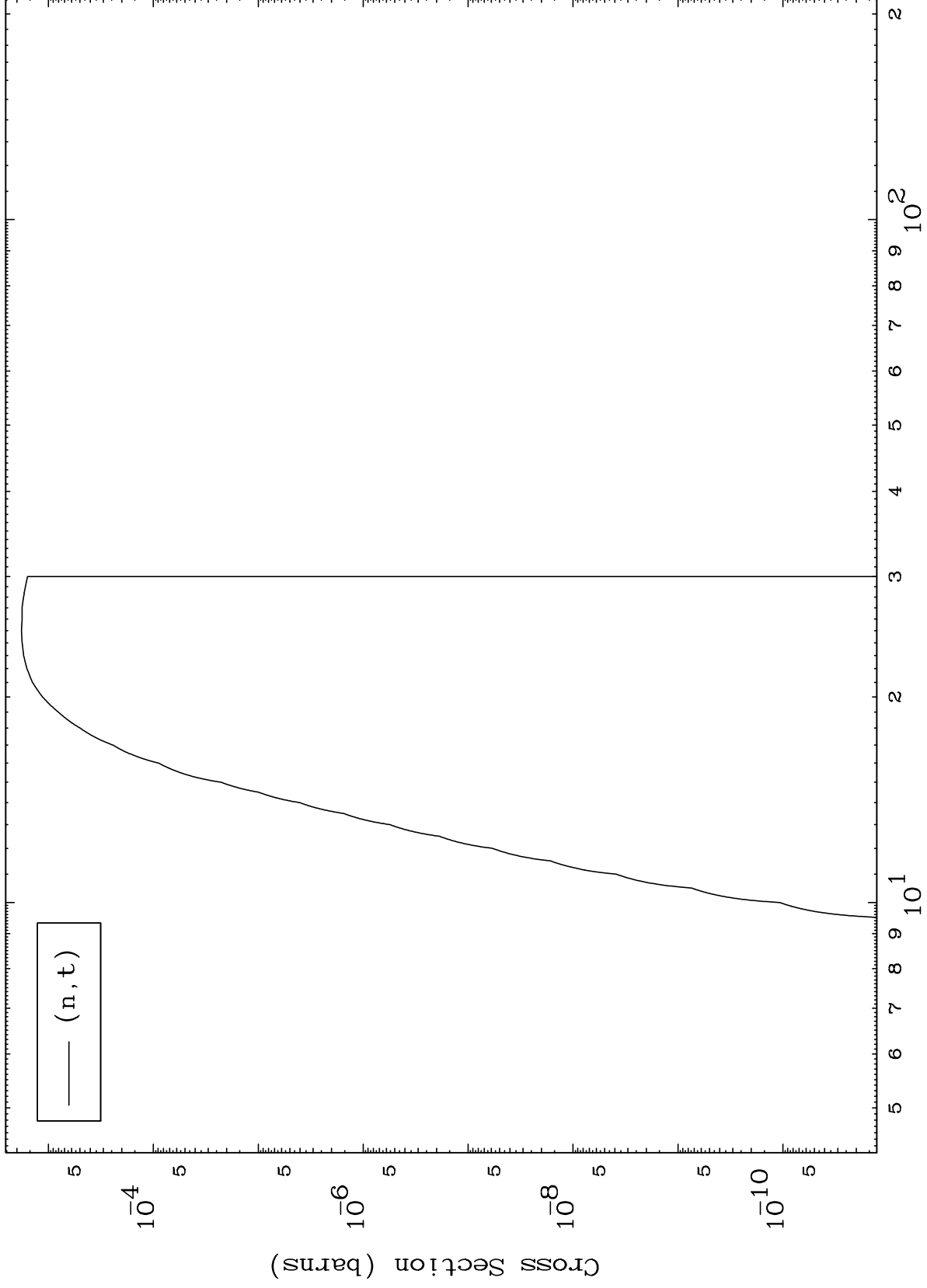
Incident Energy (MeV)

71-Lu-188

MAT 7164

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-188



13

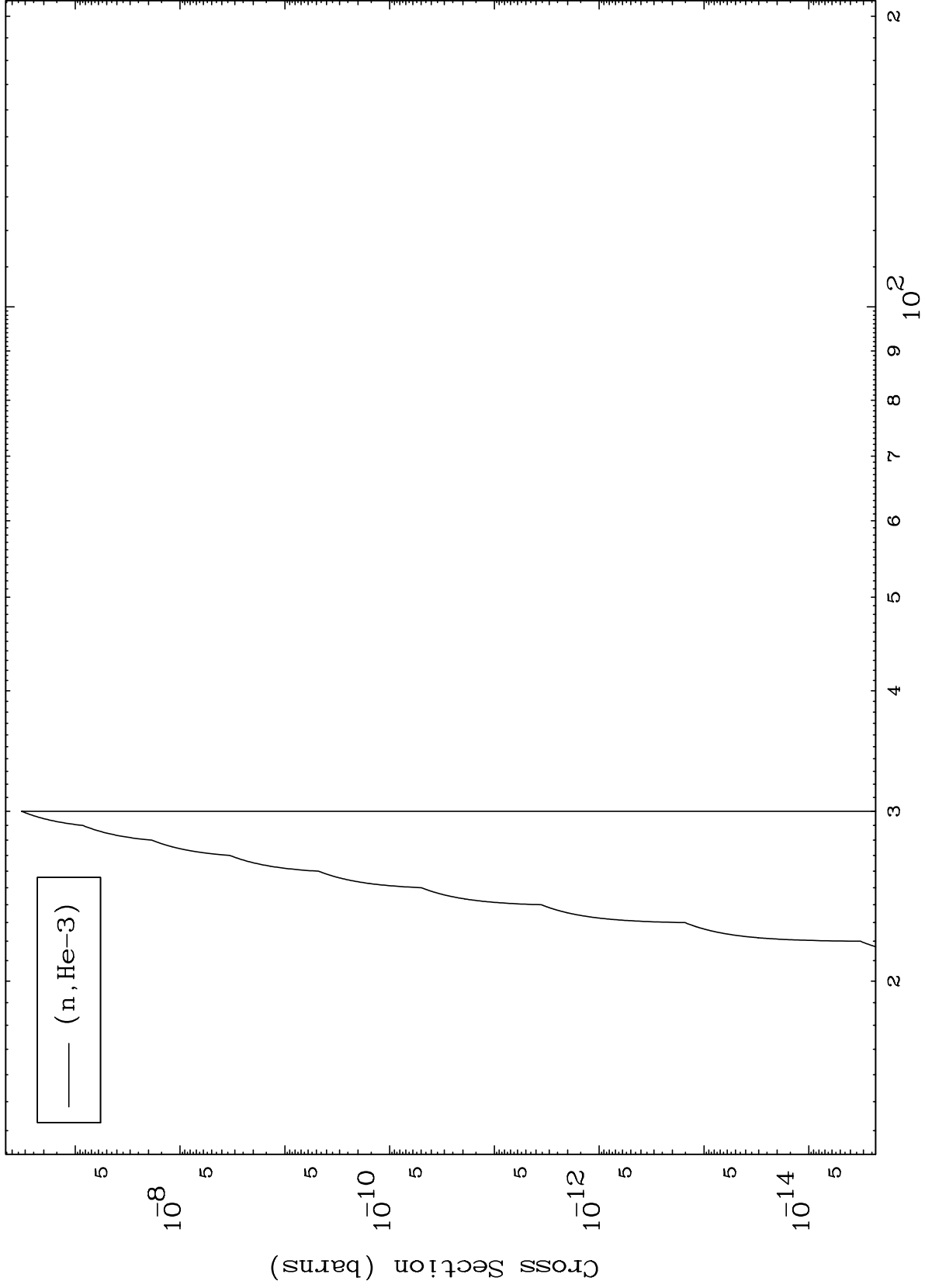
Incident Energy (MeV)

71-Lu-188

MAT 7164

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-188



14

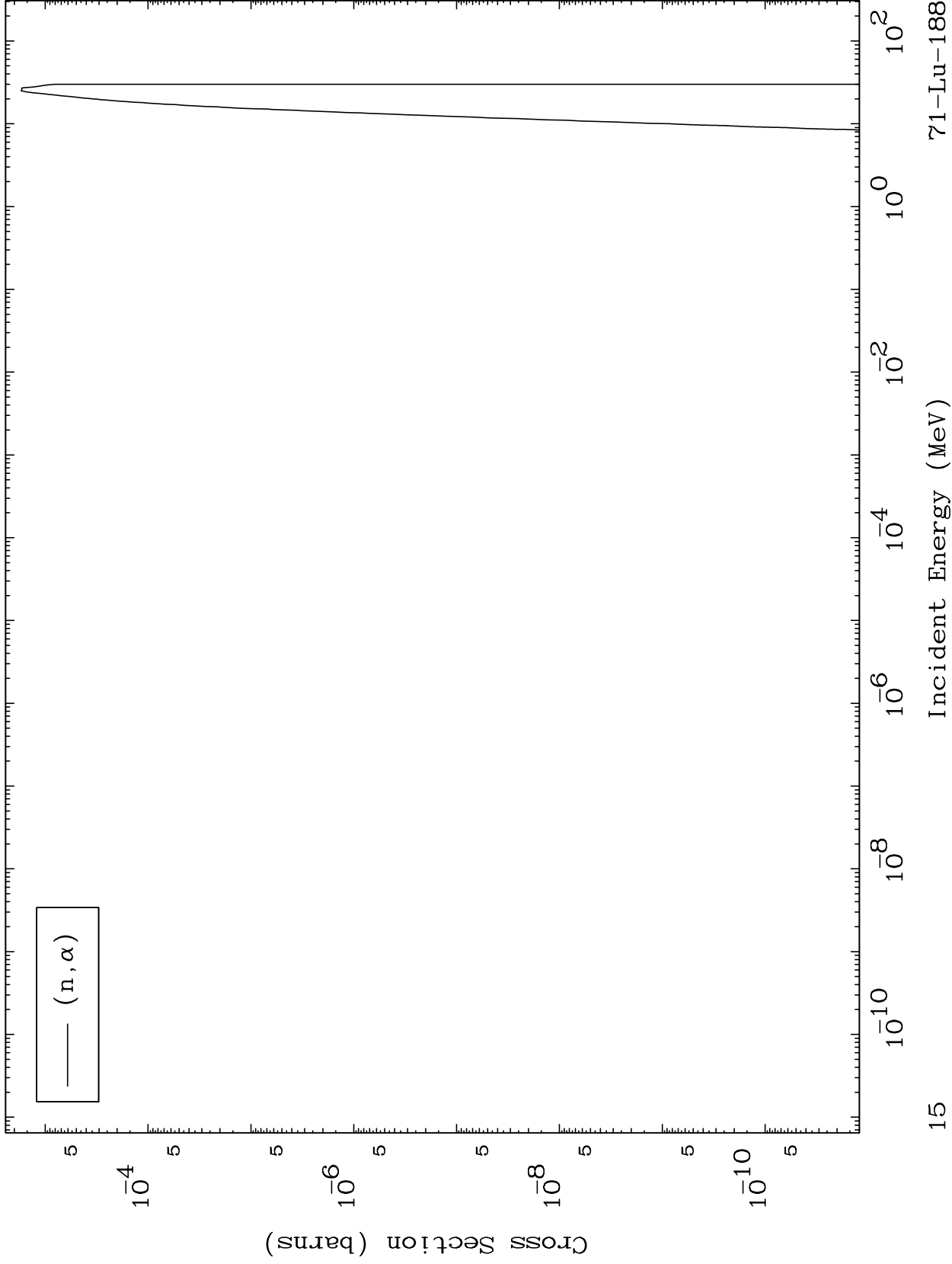
Incident Energy (MeV)

71-Lu-188

MAT 7164

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-188



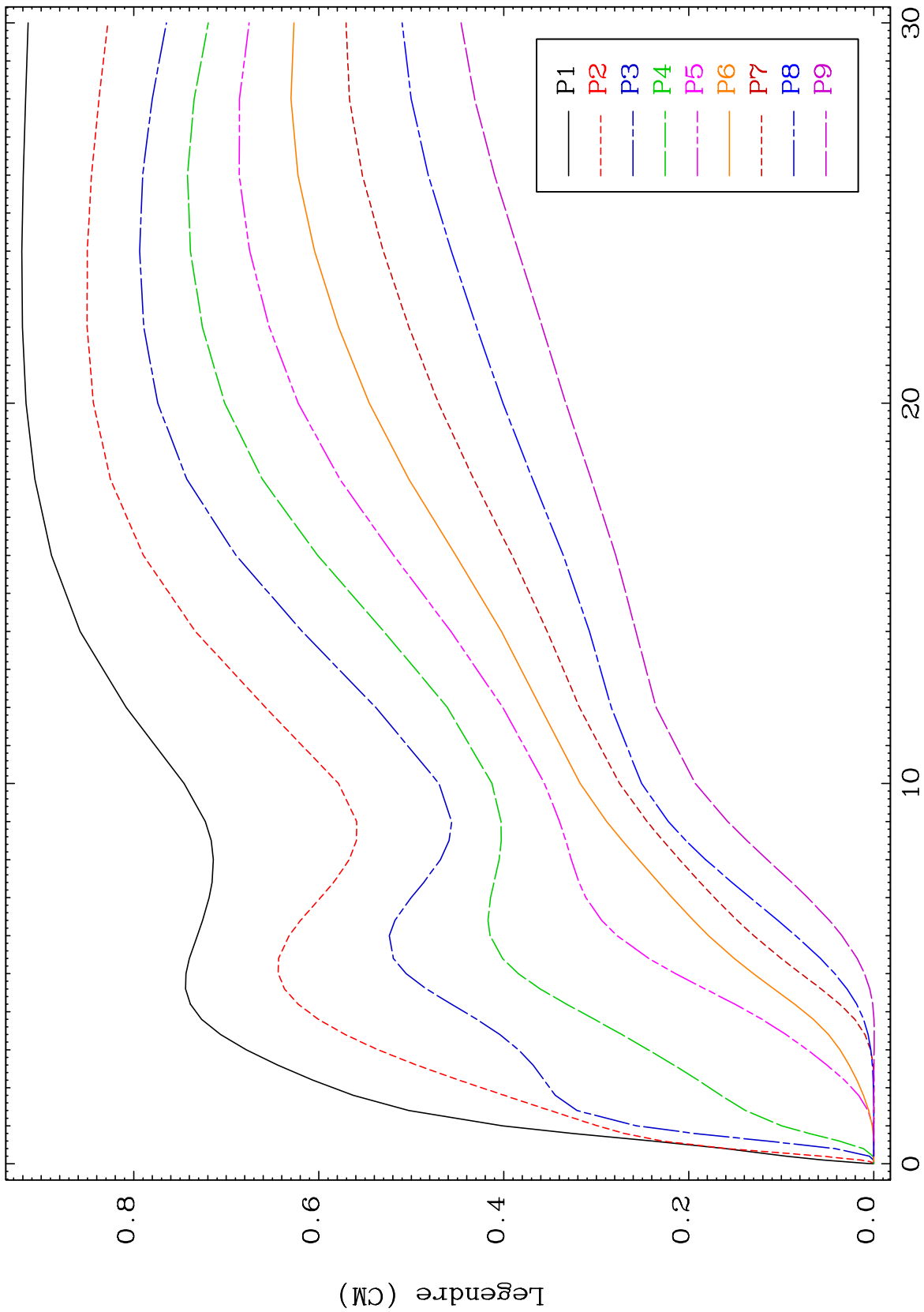
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71-Lu-188

MAT 7164

71-Lu-188

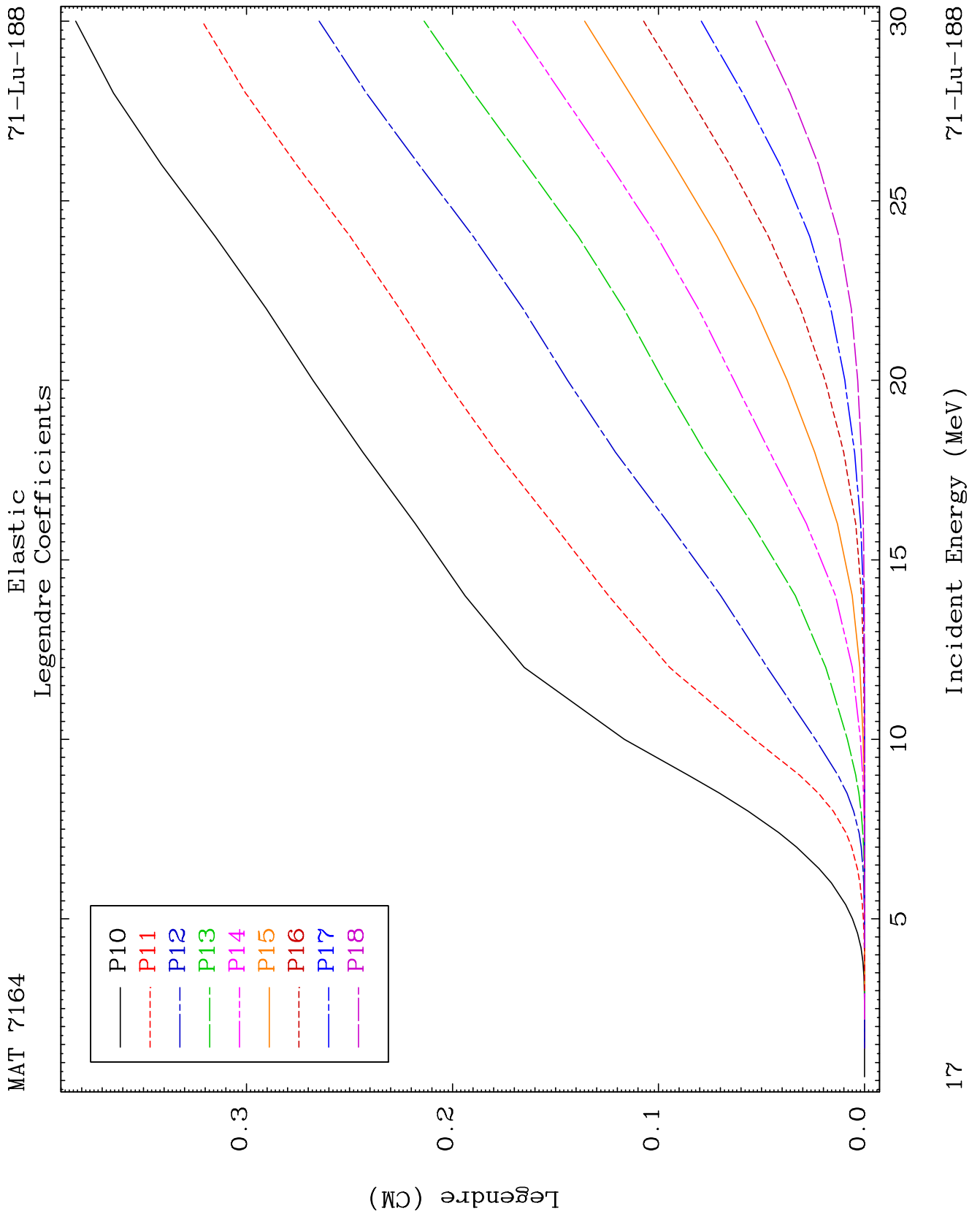
Elastic Legendre Coefficients



71-Lu-188

Incident Energy (MeV)

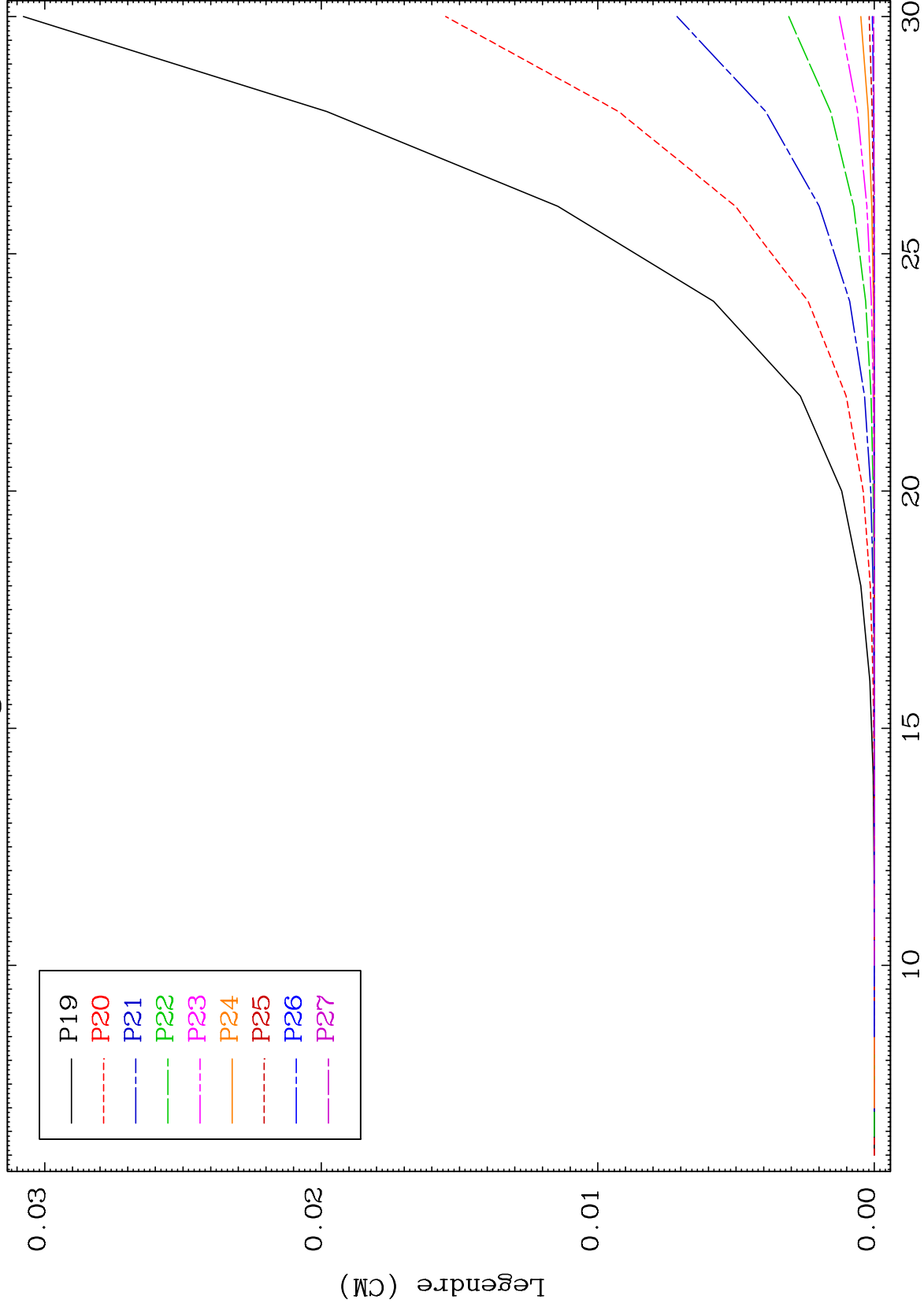
16



MAT 7164

Elastic Legendre Coefficients

71-Lu-188



18

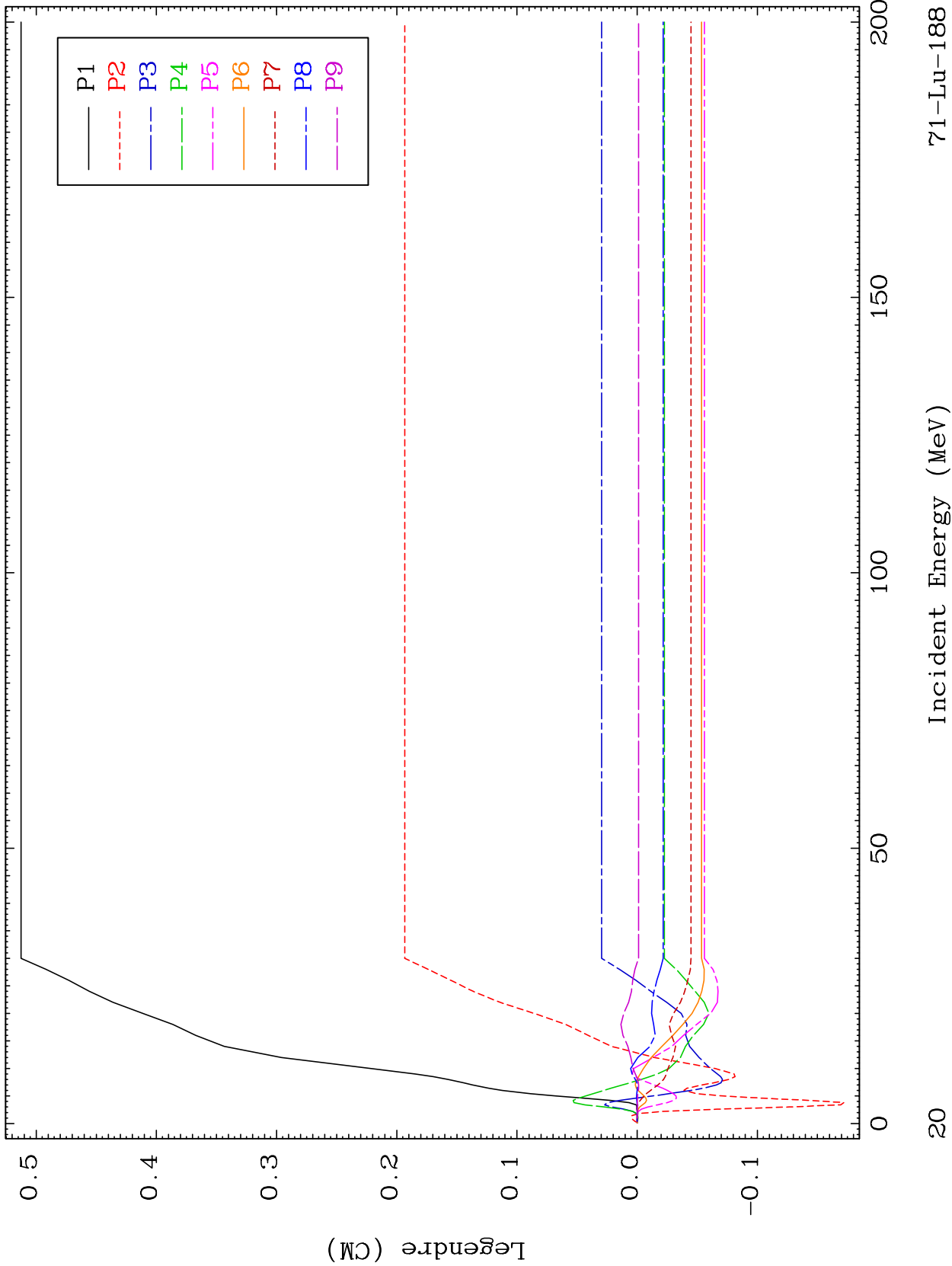
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

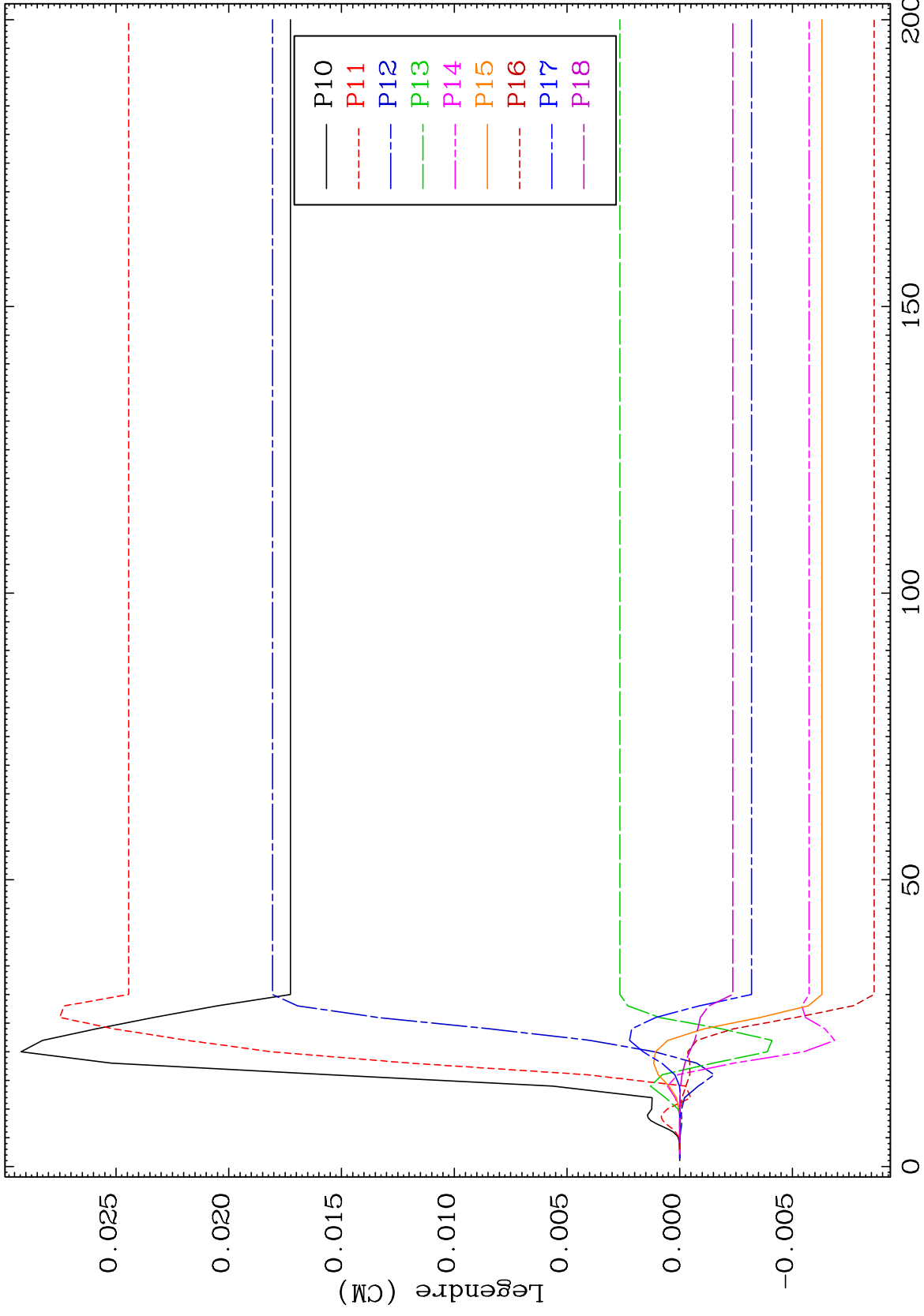
71-Lu-188

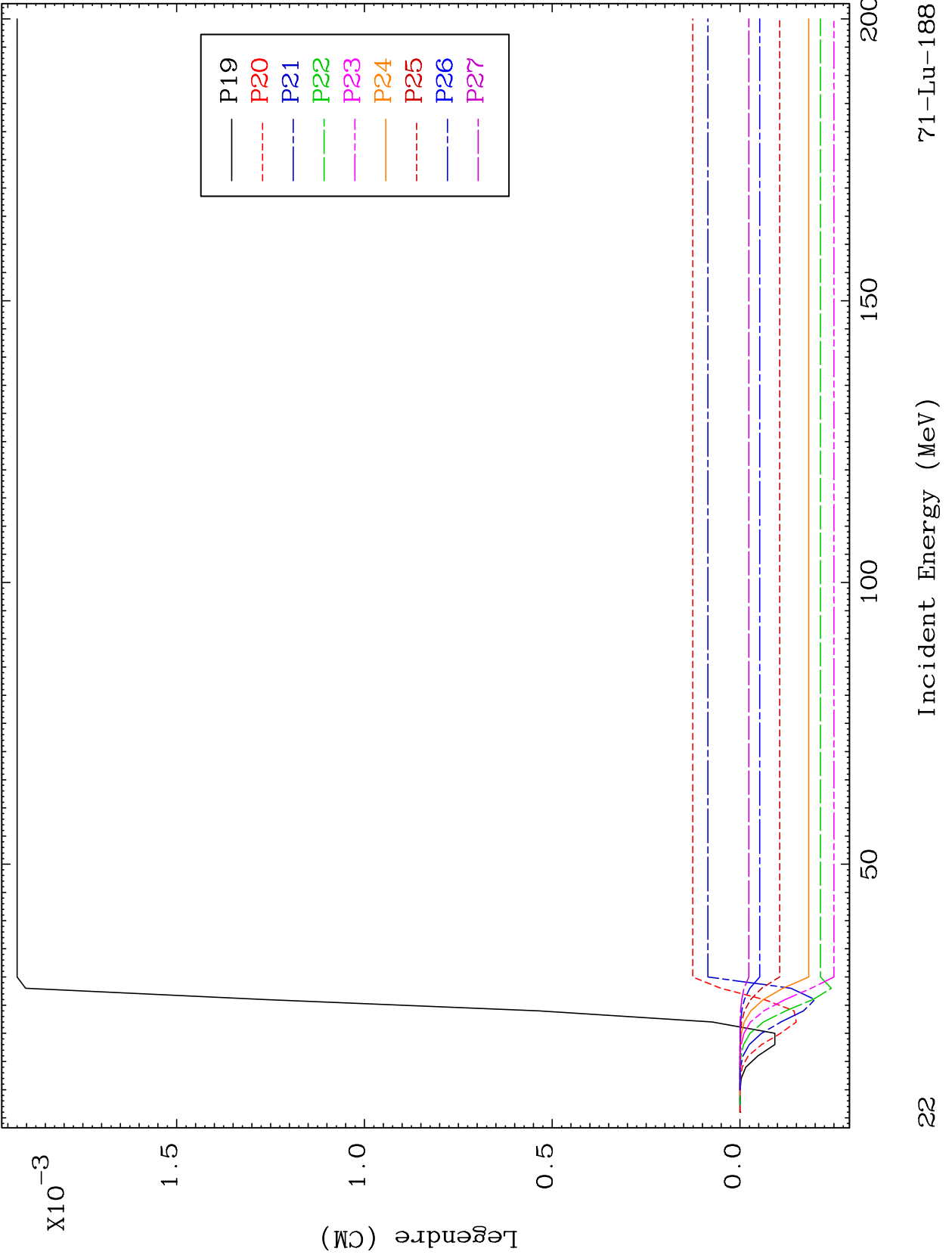


71-Lu-188

Incident Energy (MeV)

Legendre (CM)

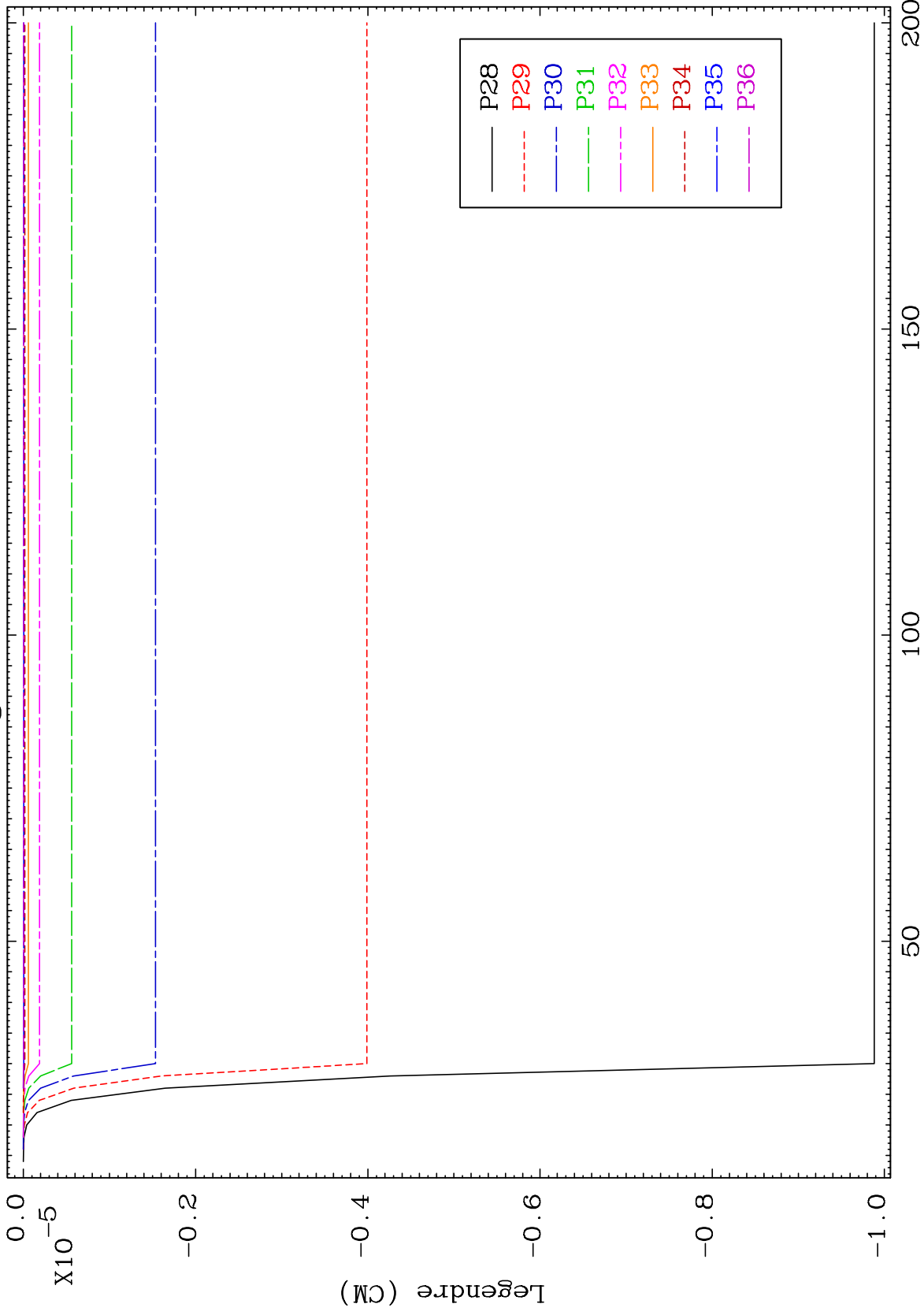




MAT 7164

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

71-Lu-188



23

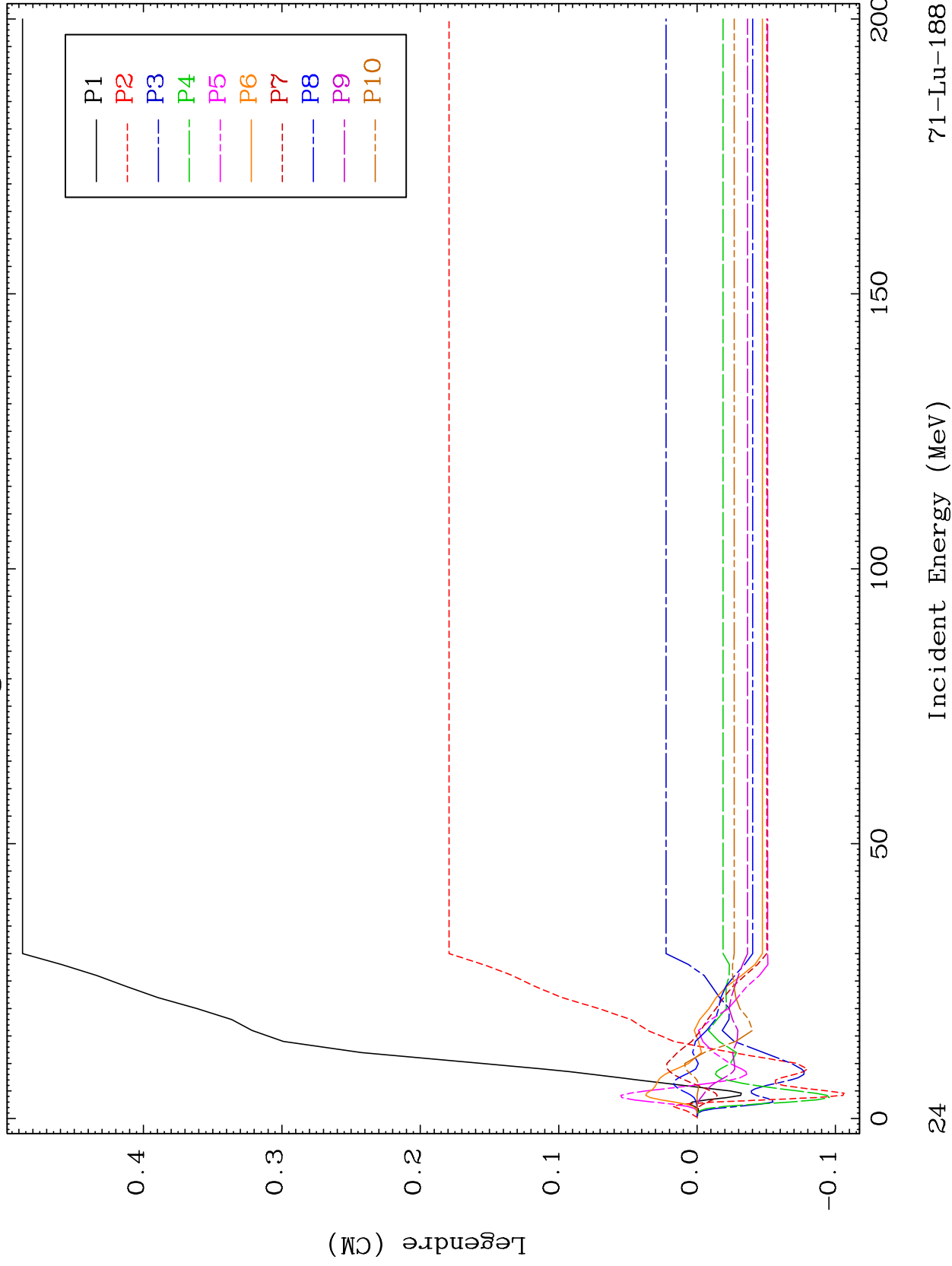
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

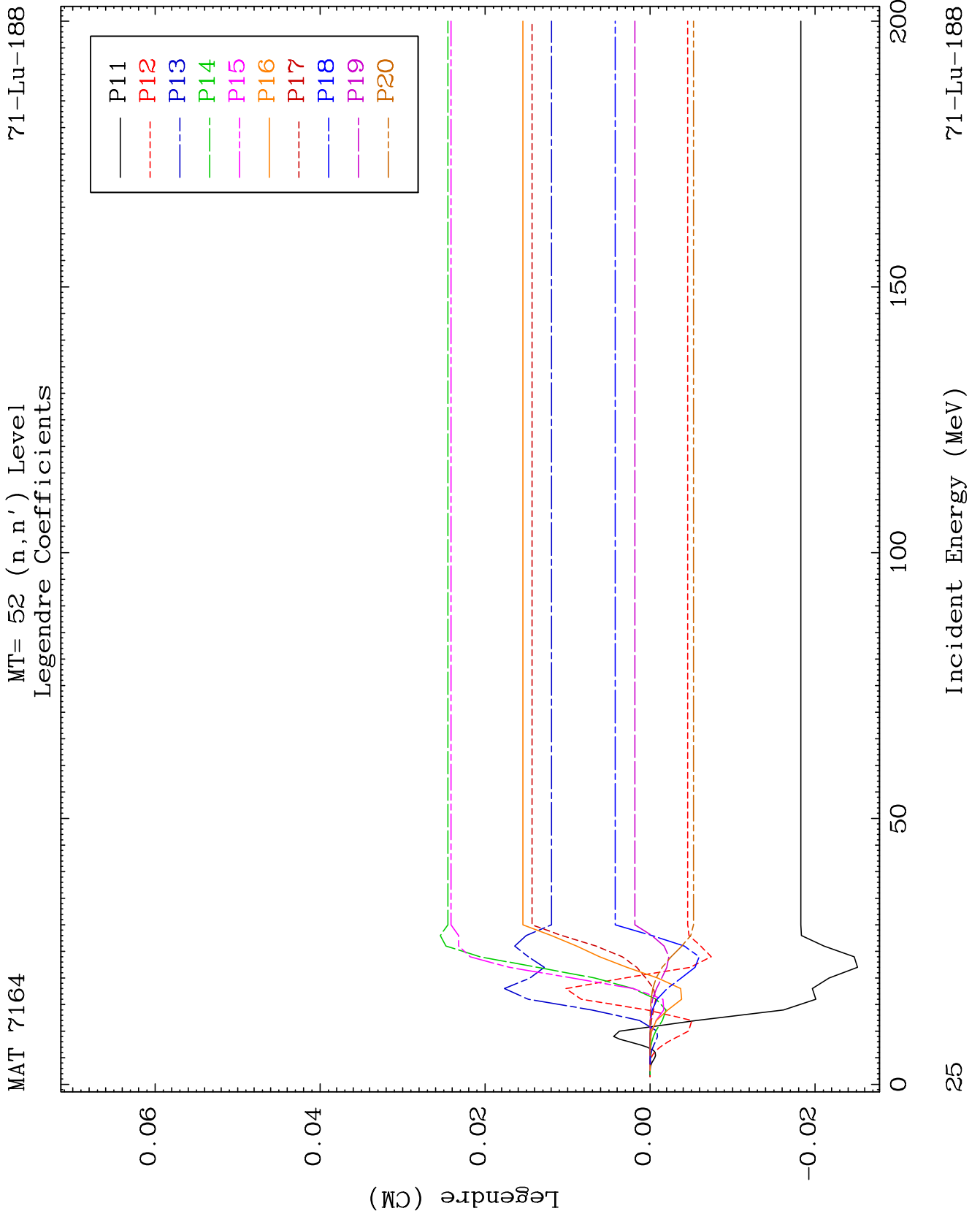
71-Lu-188



71-Lu-188

Incident Energy (MeV)

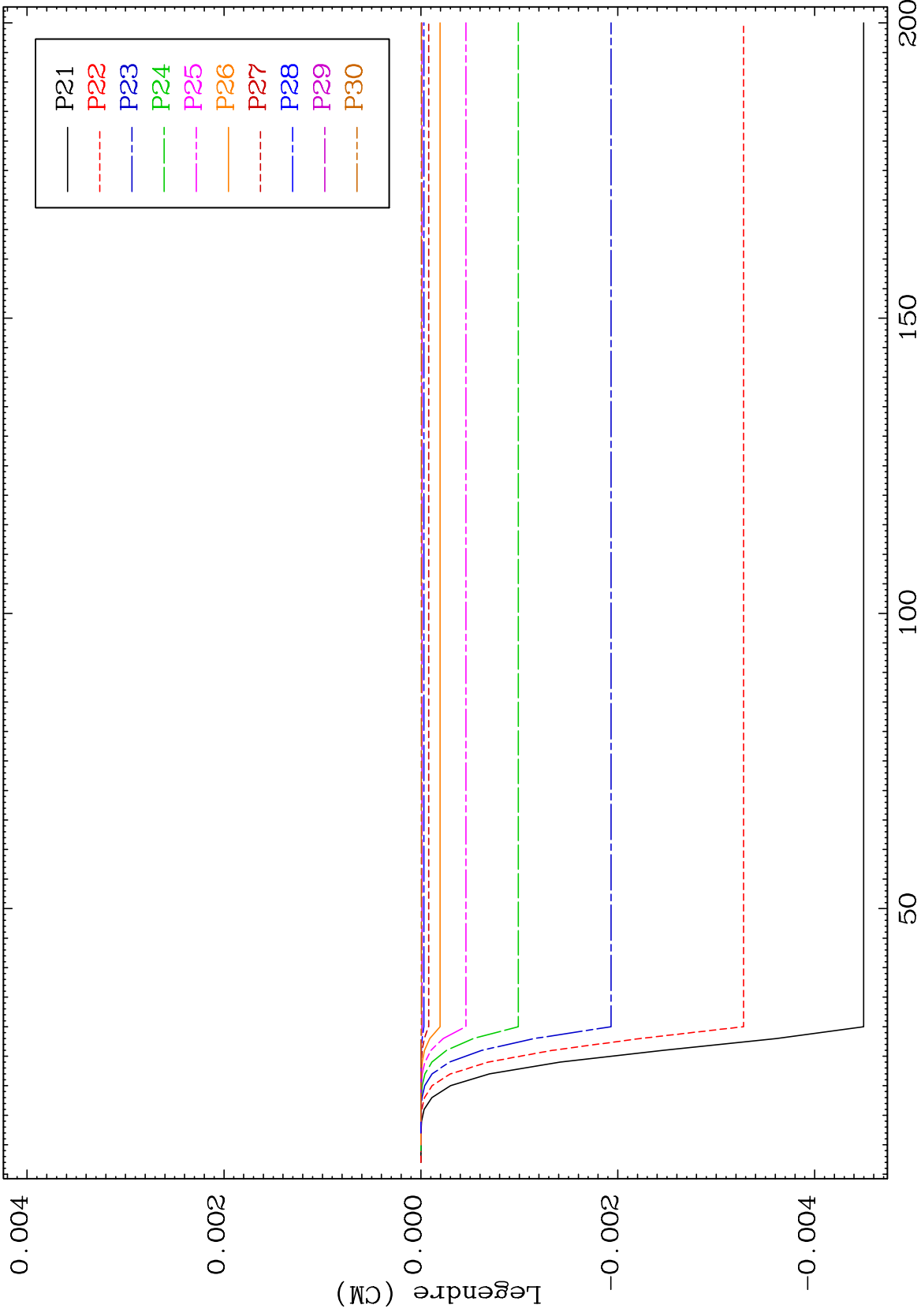
24



MAT 7164

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

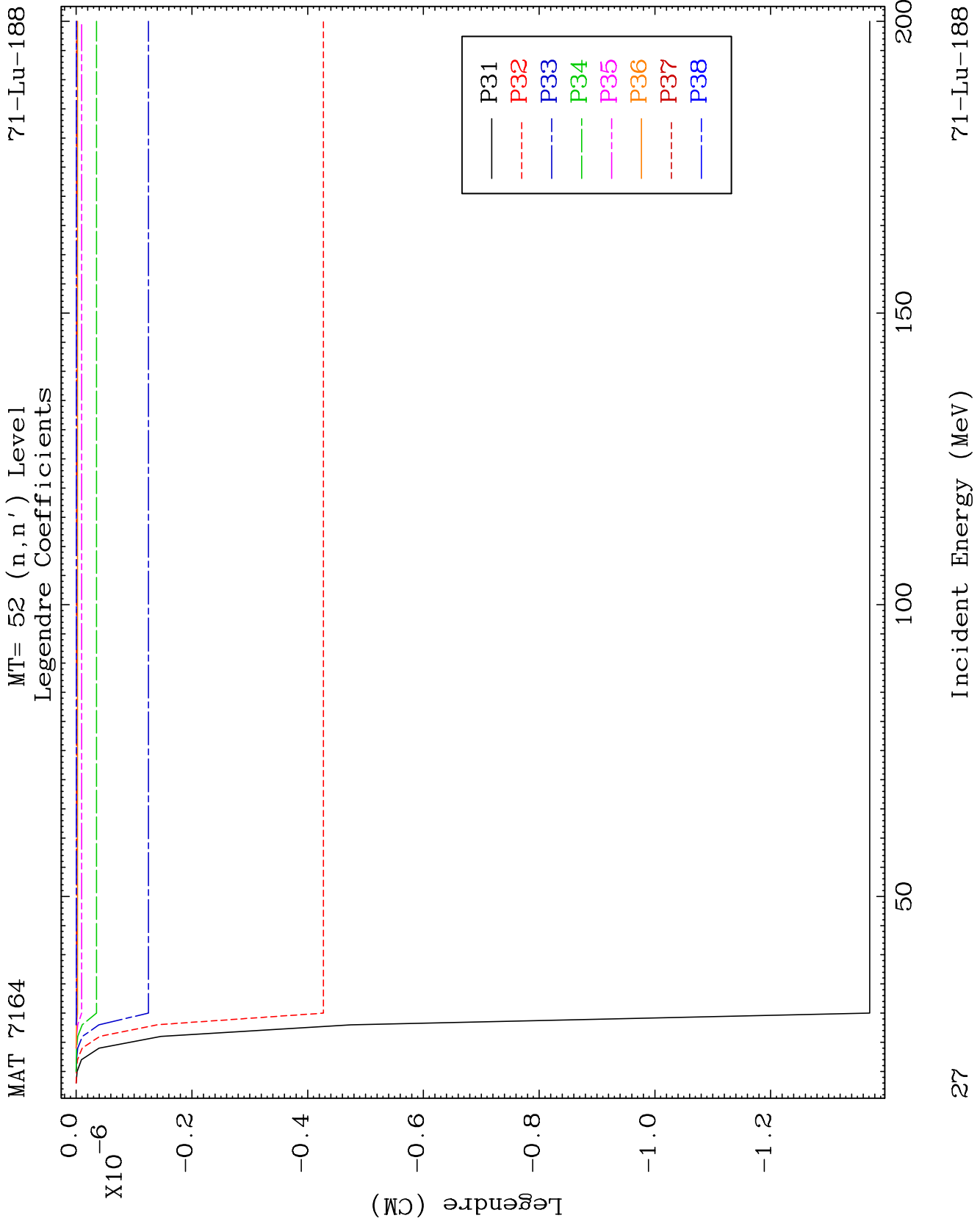
71-Lu-188



26

Incident Energy (MeV)

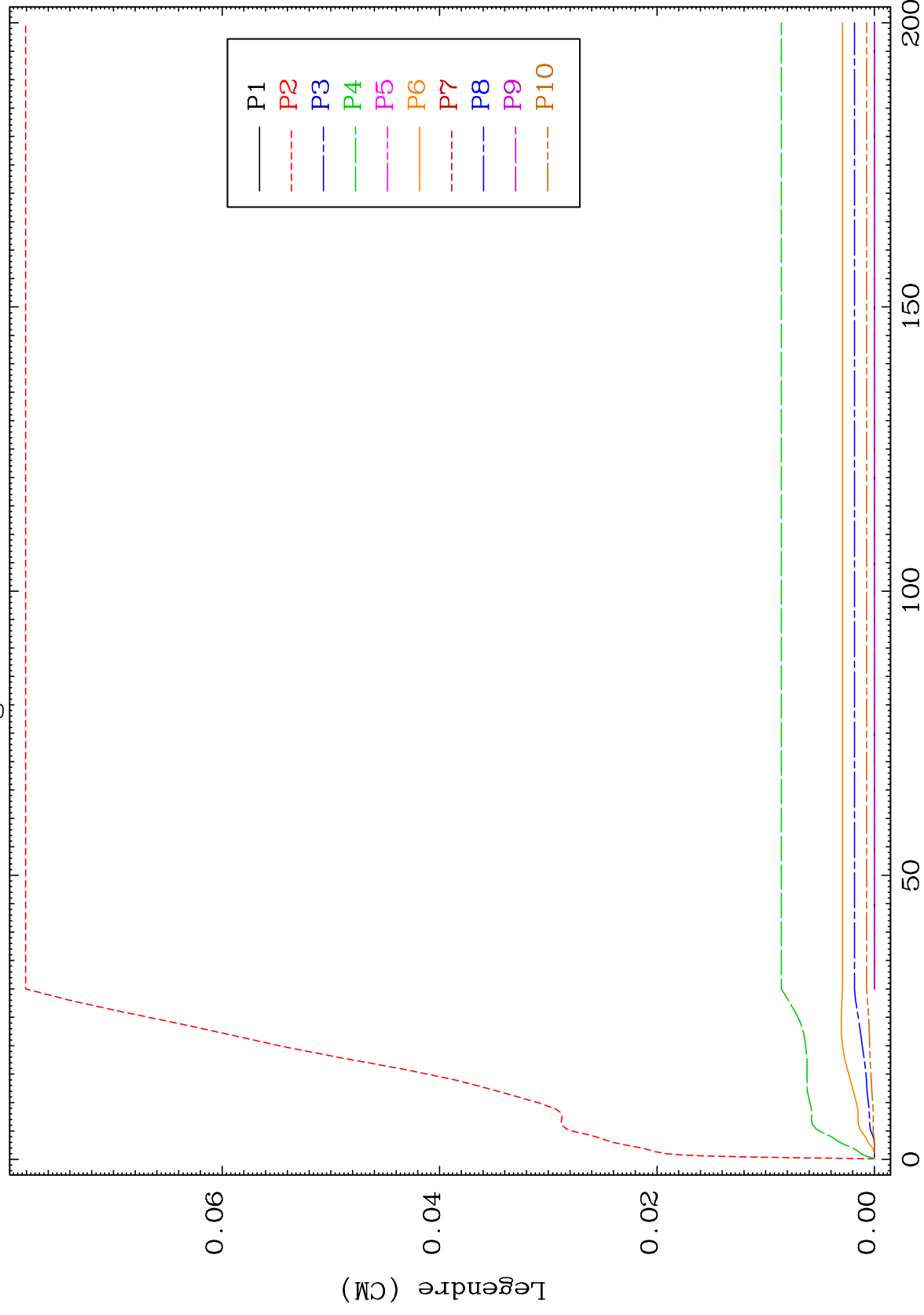
71-Lu-188



MAT 7164

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

71-Lu-188



28

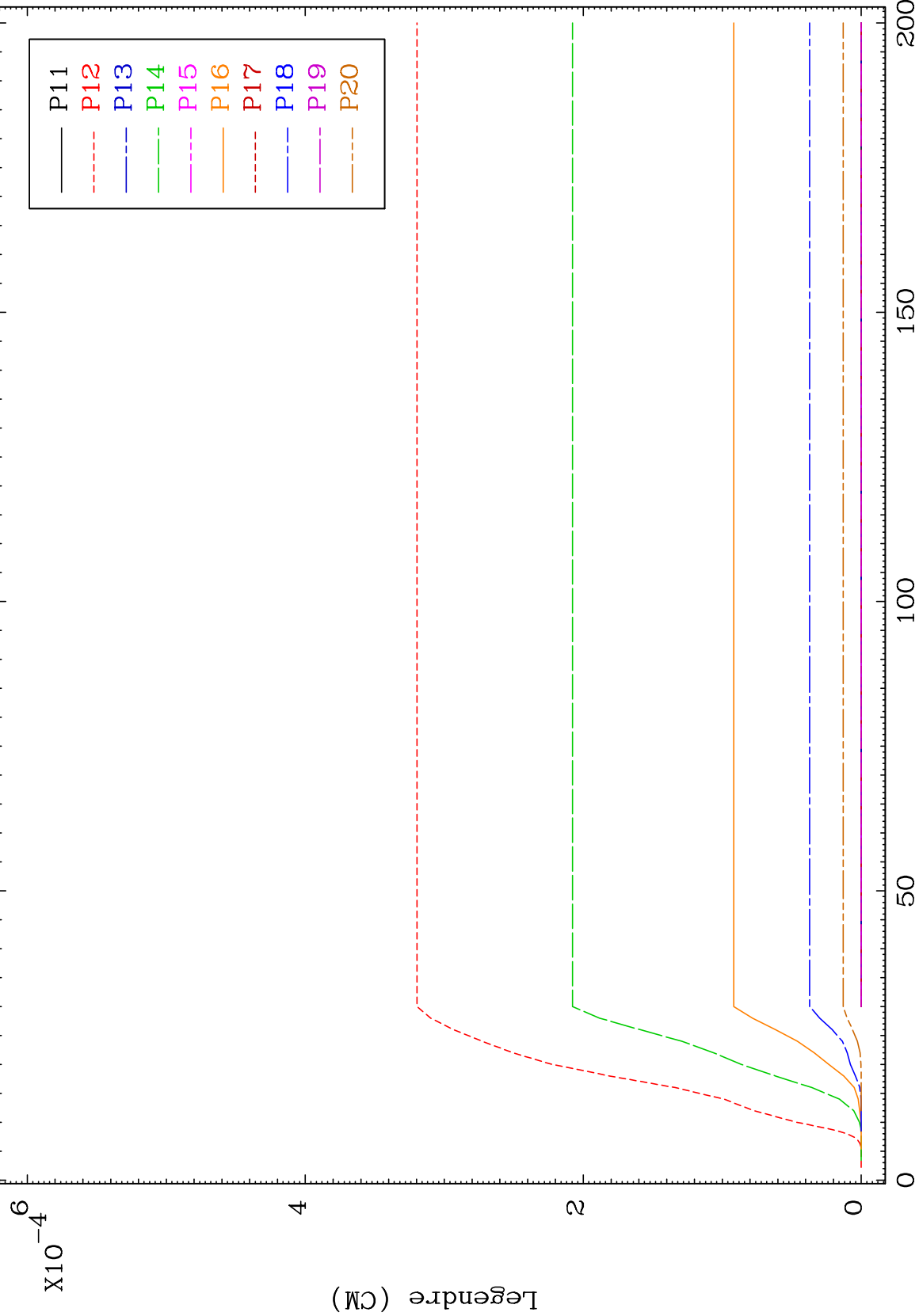
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



29

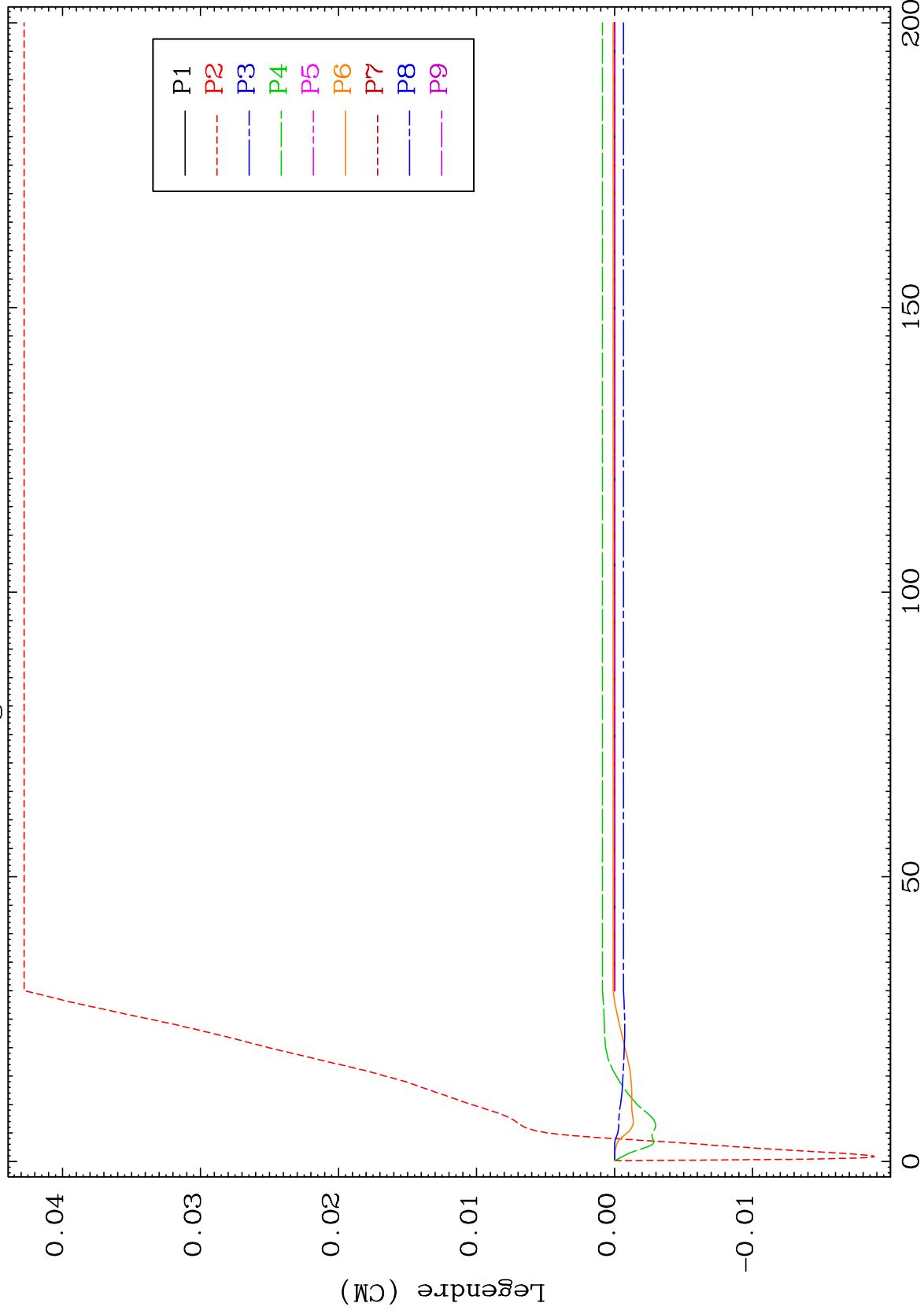
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



31

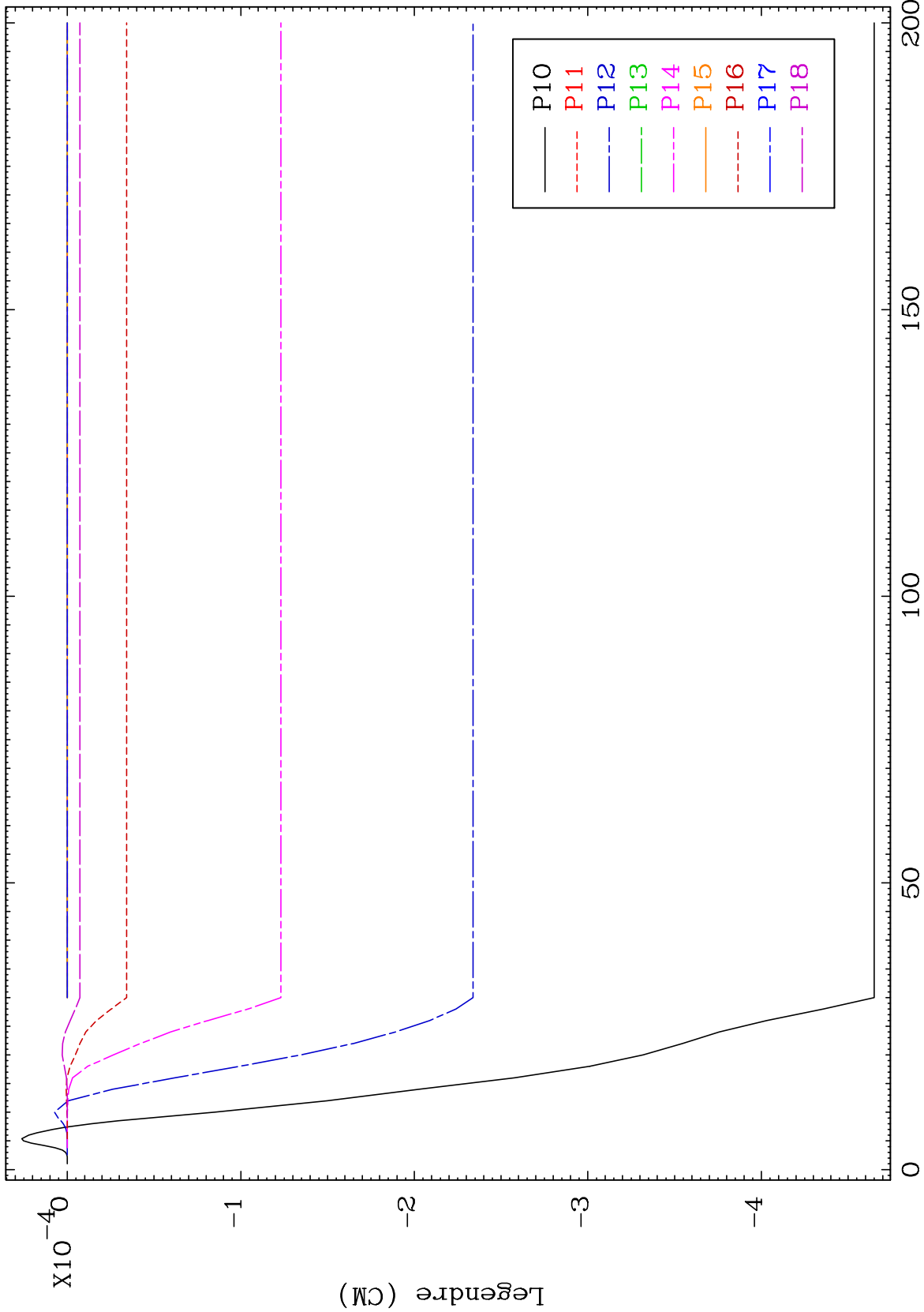
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



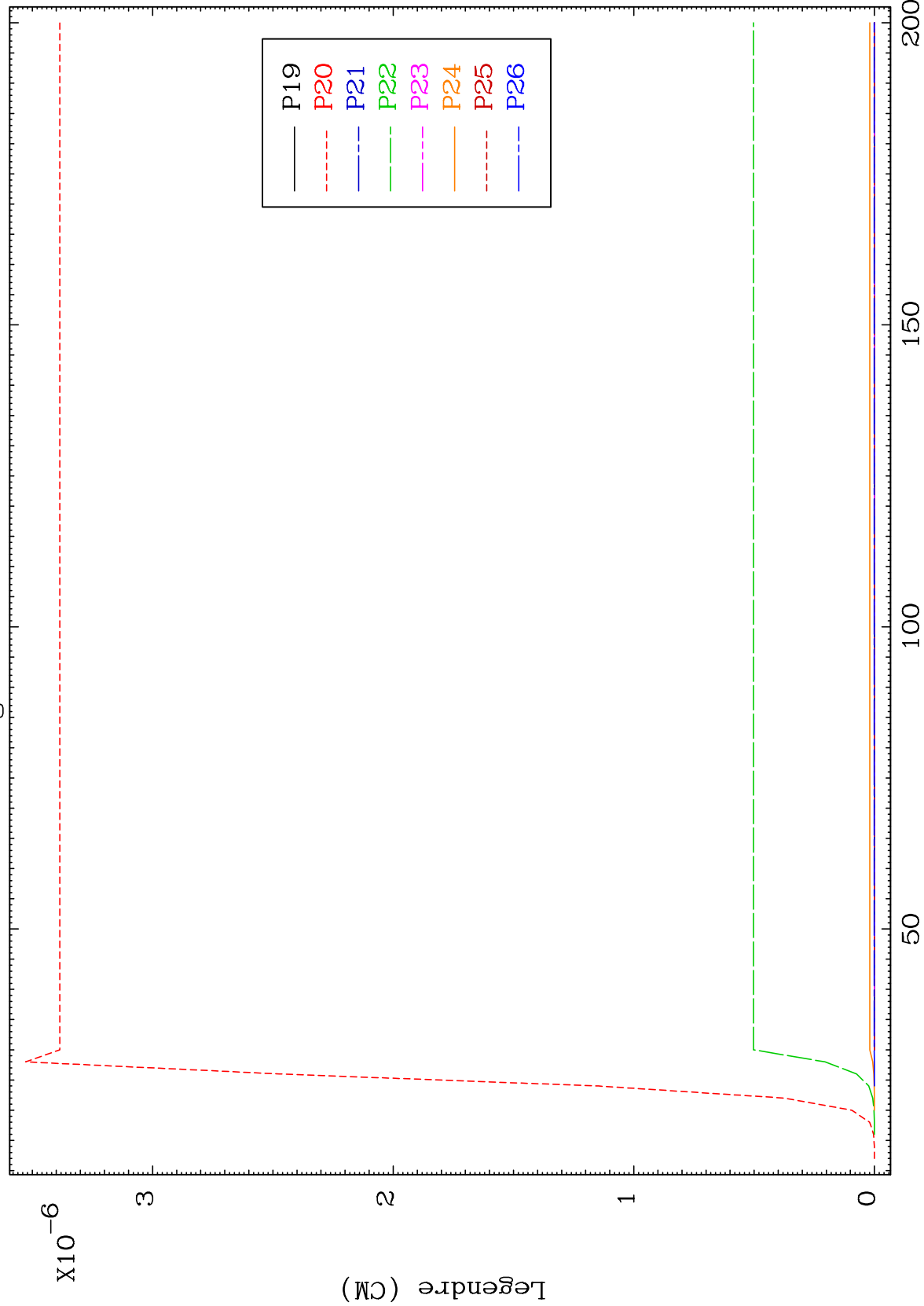
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71-Lu-188

MAT 7164

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

71-Lu-188



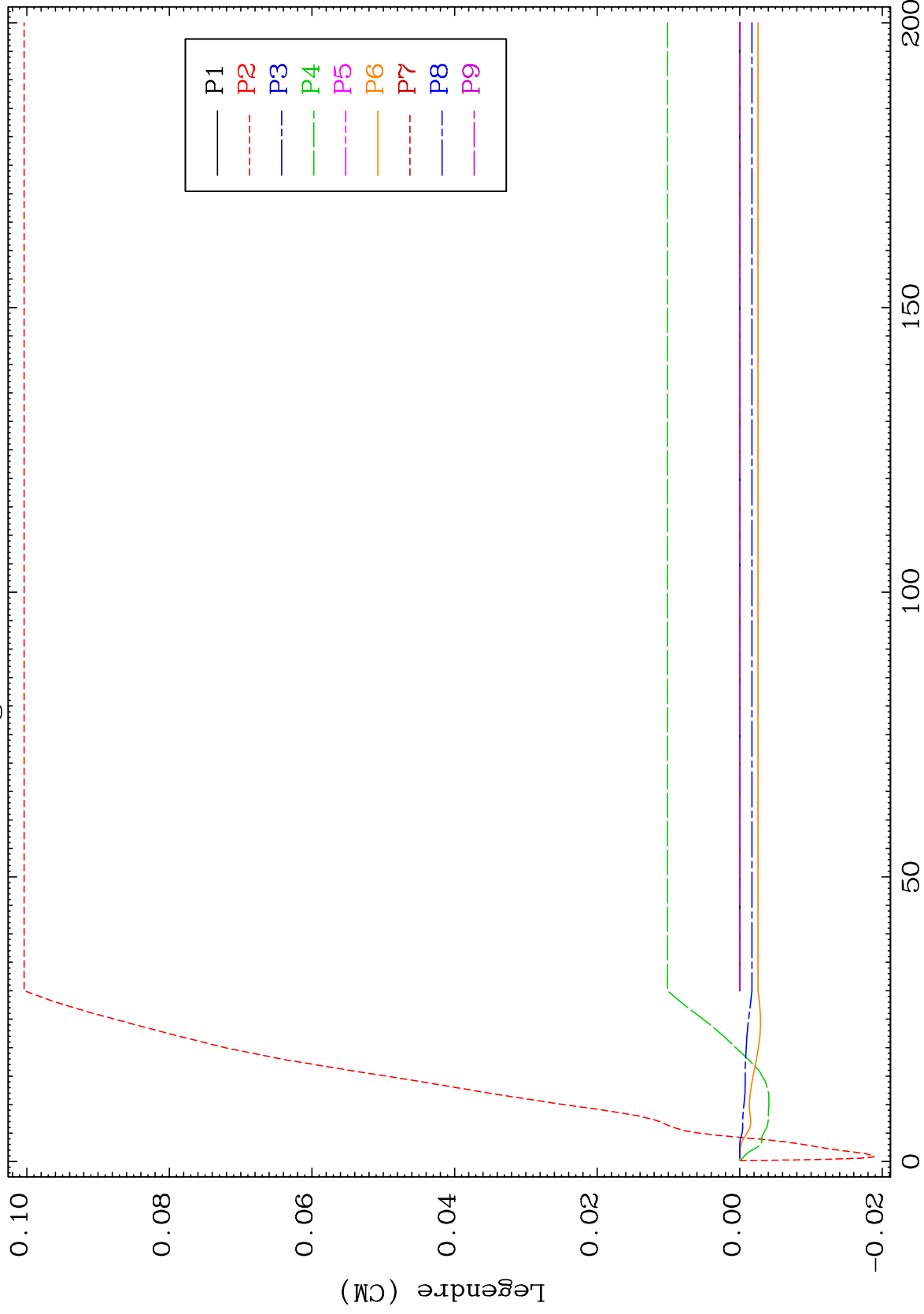
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71-Lu-188

MAT 7164

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

71-Lu-188



34

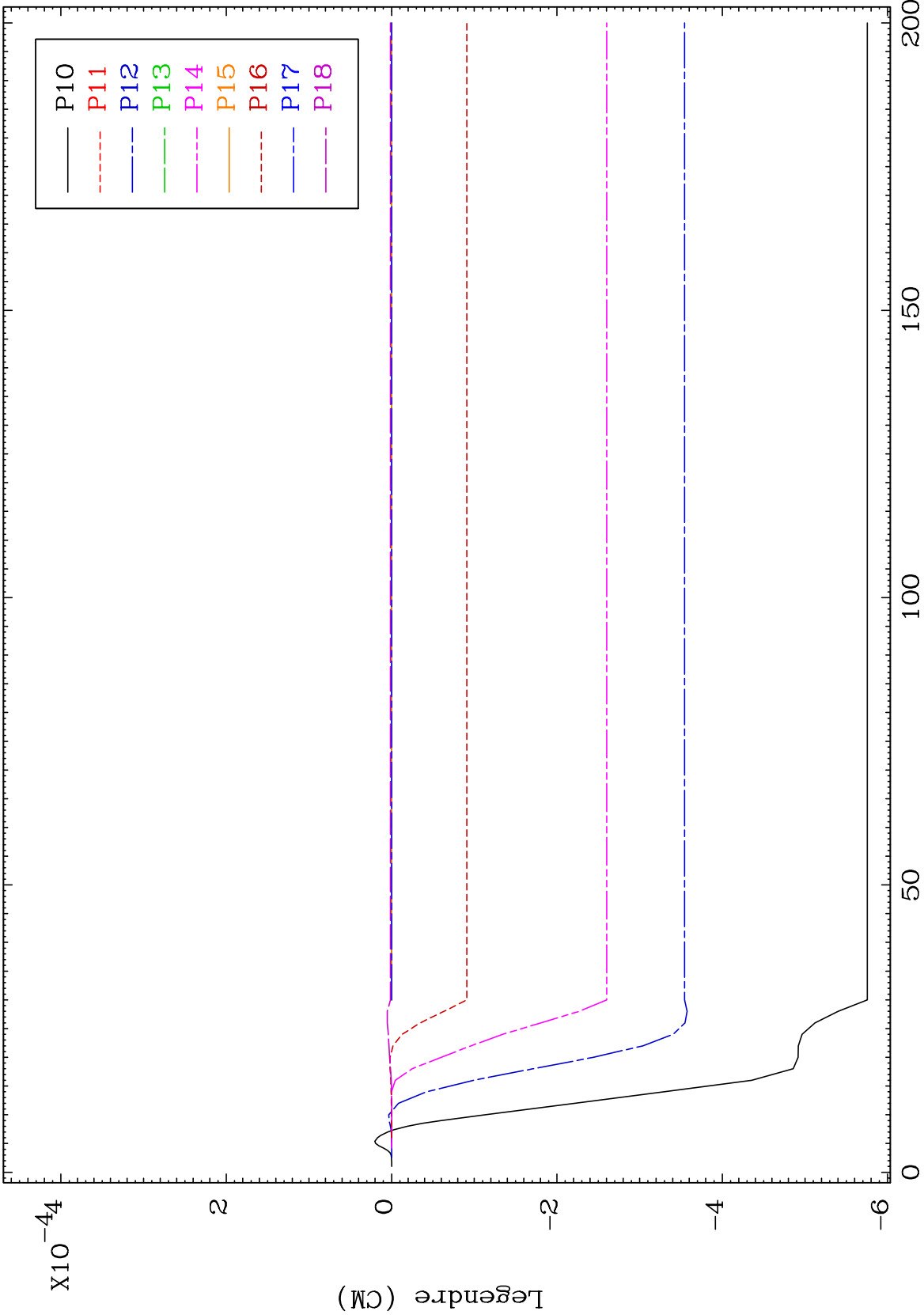
Incident Energy (MeV)

71-Lu-188

MAT 7164

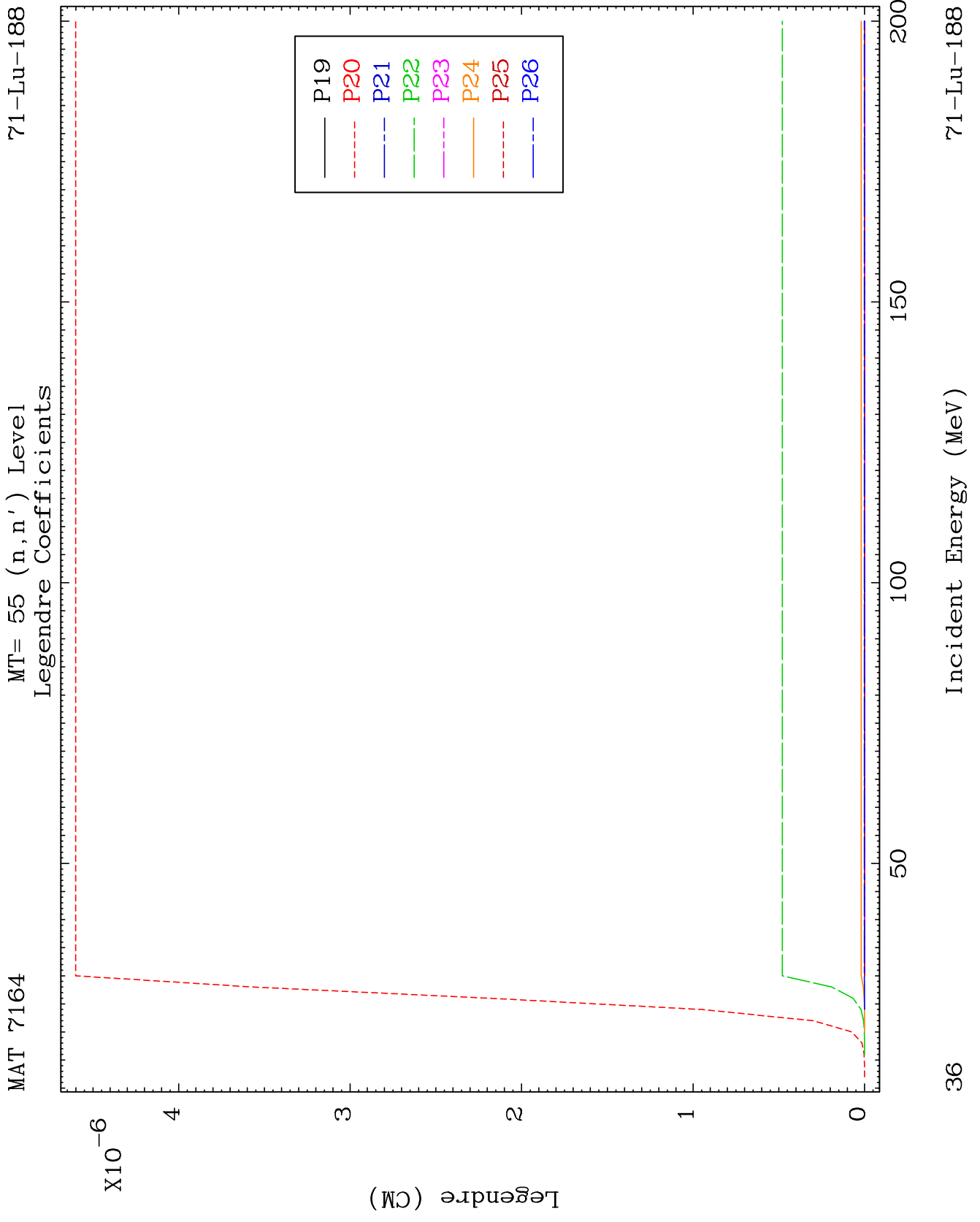
MT= 55 (n,n') Level
Legendre Coefficients

71-Lu-188



35

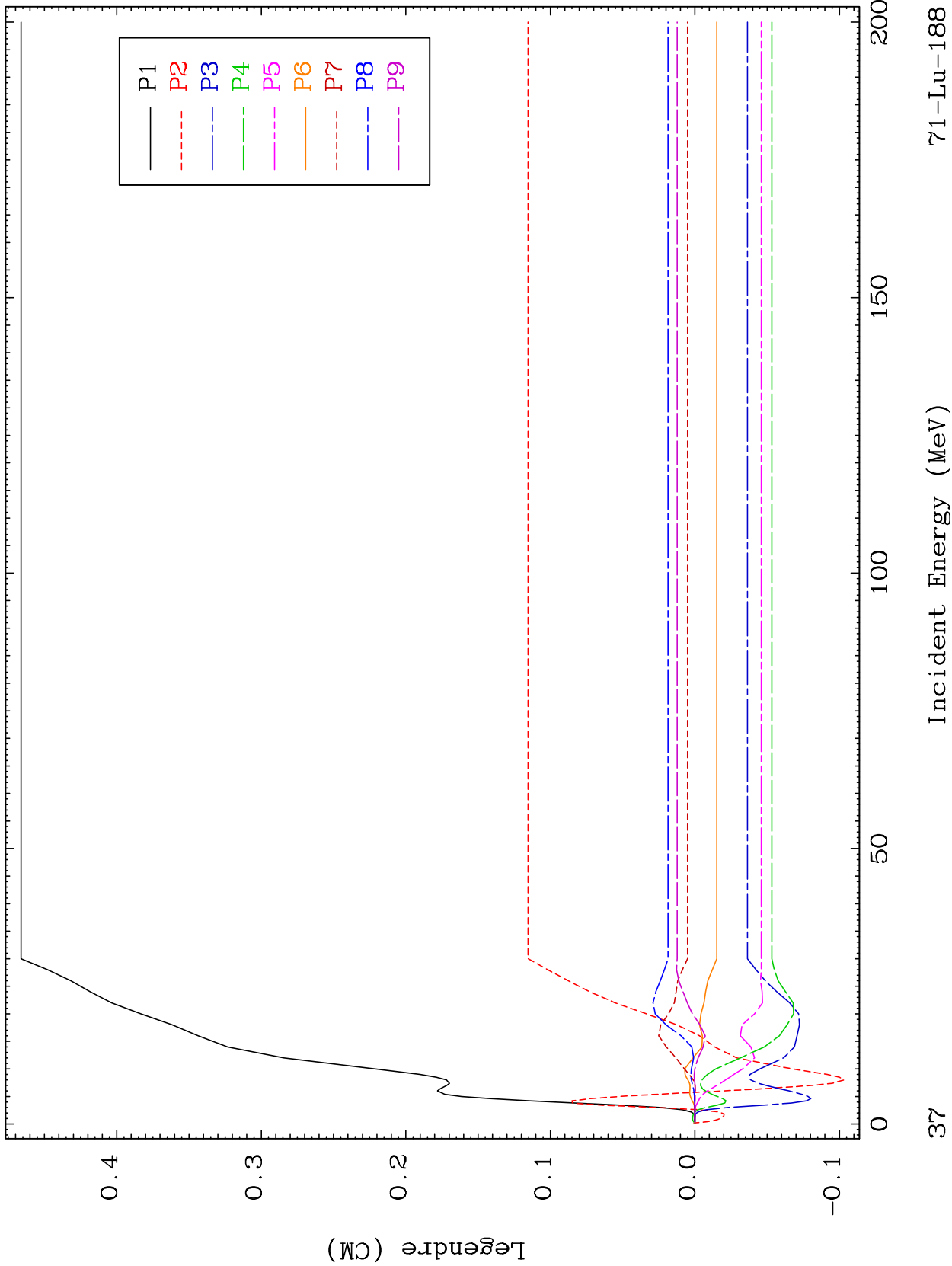
71-Lu-188



MAT 7164

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

71-Lu-188



71-Lu-188

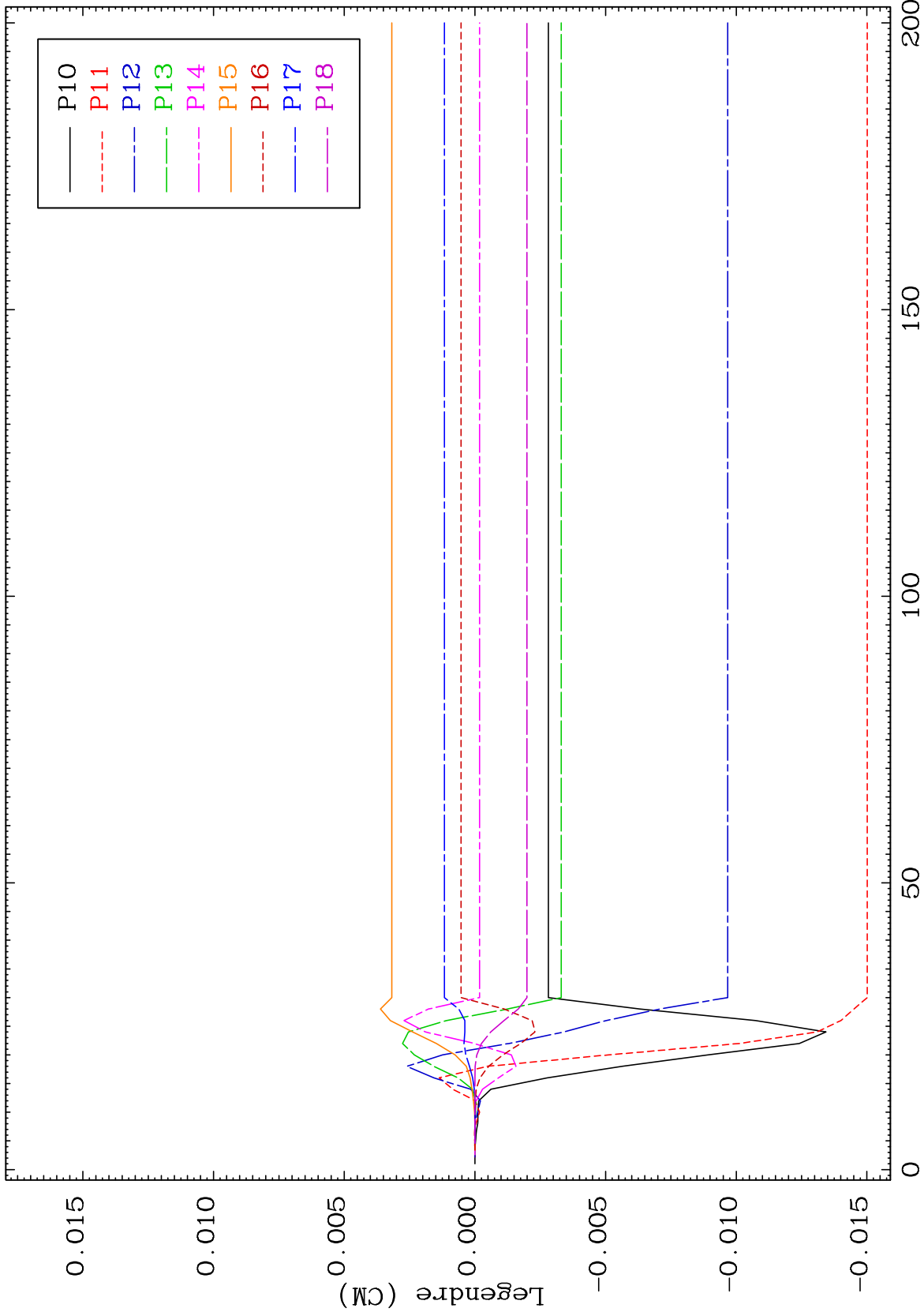
Incident Energy (MeV)

37

MAT 7164

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

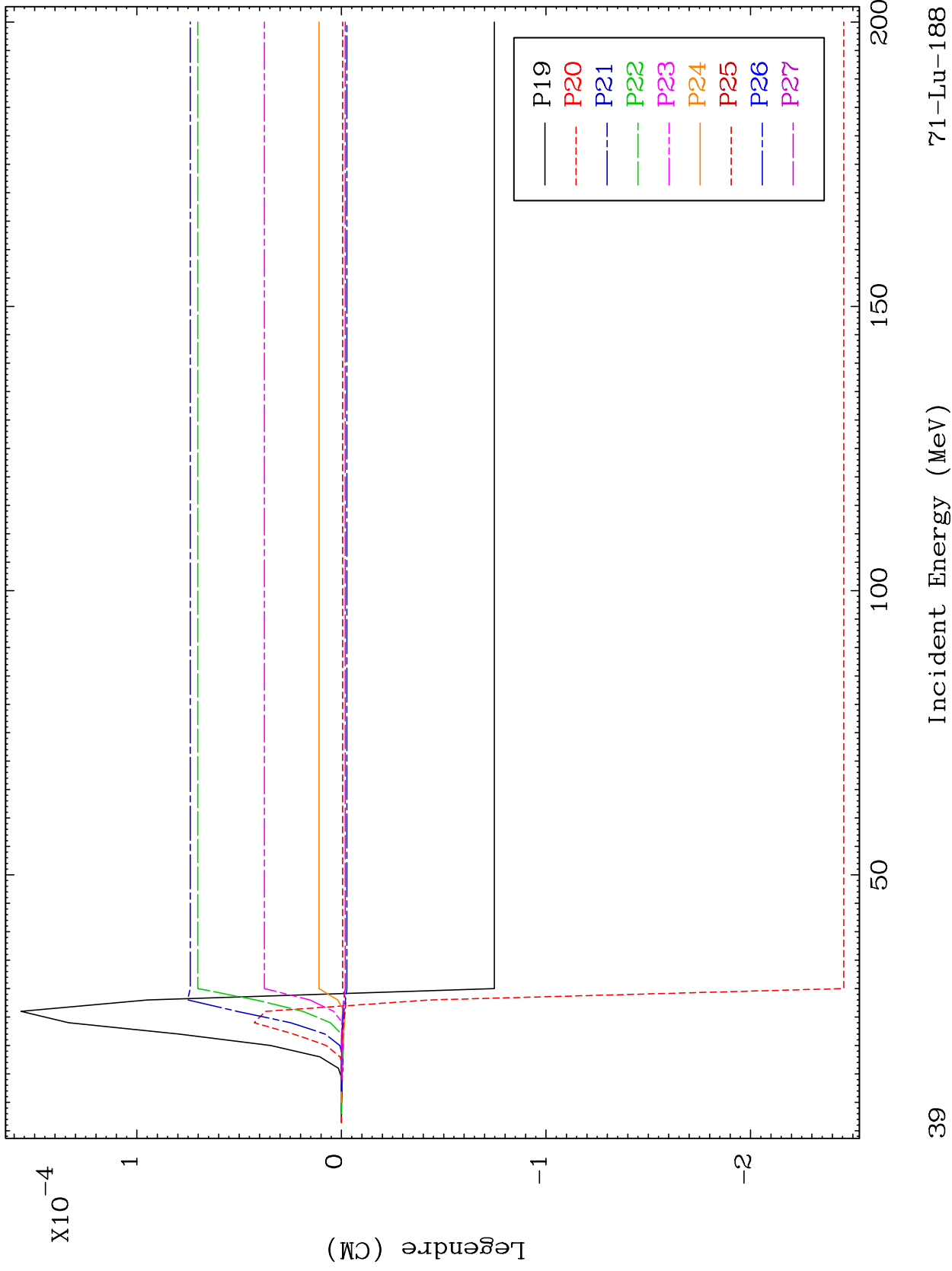
71-Lu-188



38

Incident Energy (MeV)

71-Lu-188

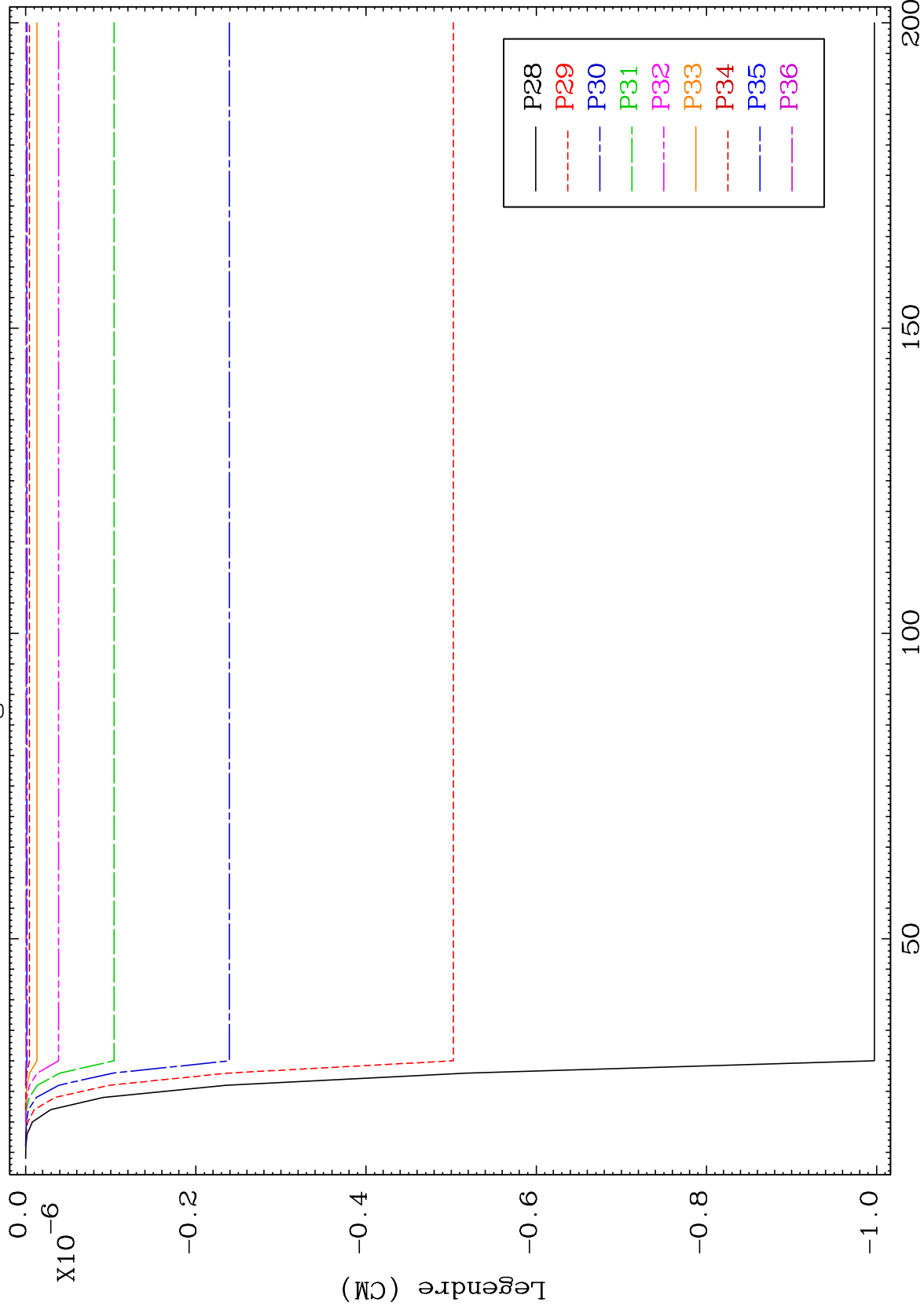


MAT 7164

MT= 56 (n,n') Level

71-Lu-188

Legendre Coefficients



71-Lu-188

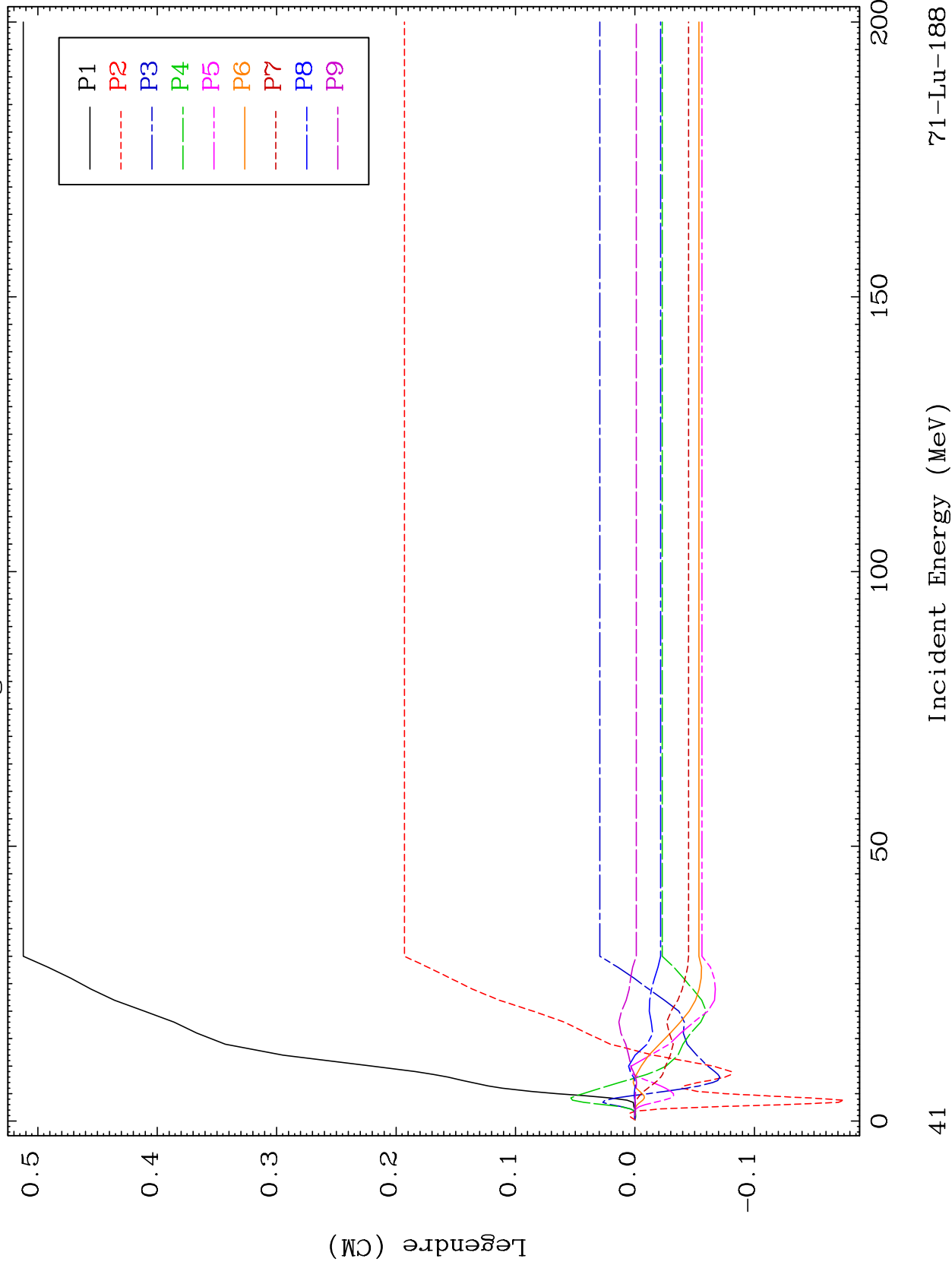
Incident Energy (MeV)

40

MAT 7164

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

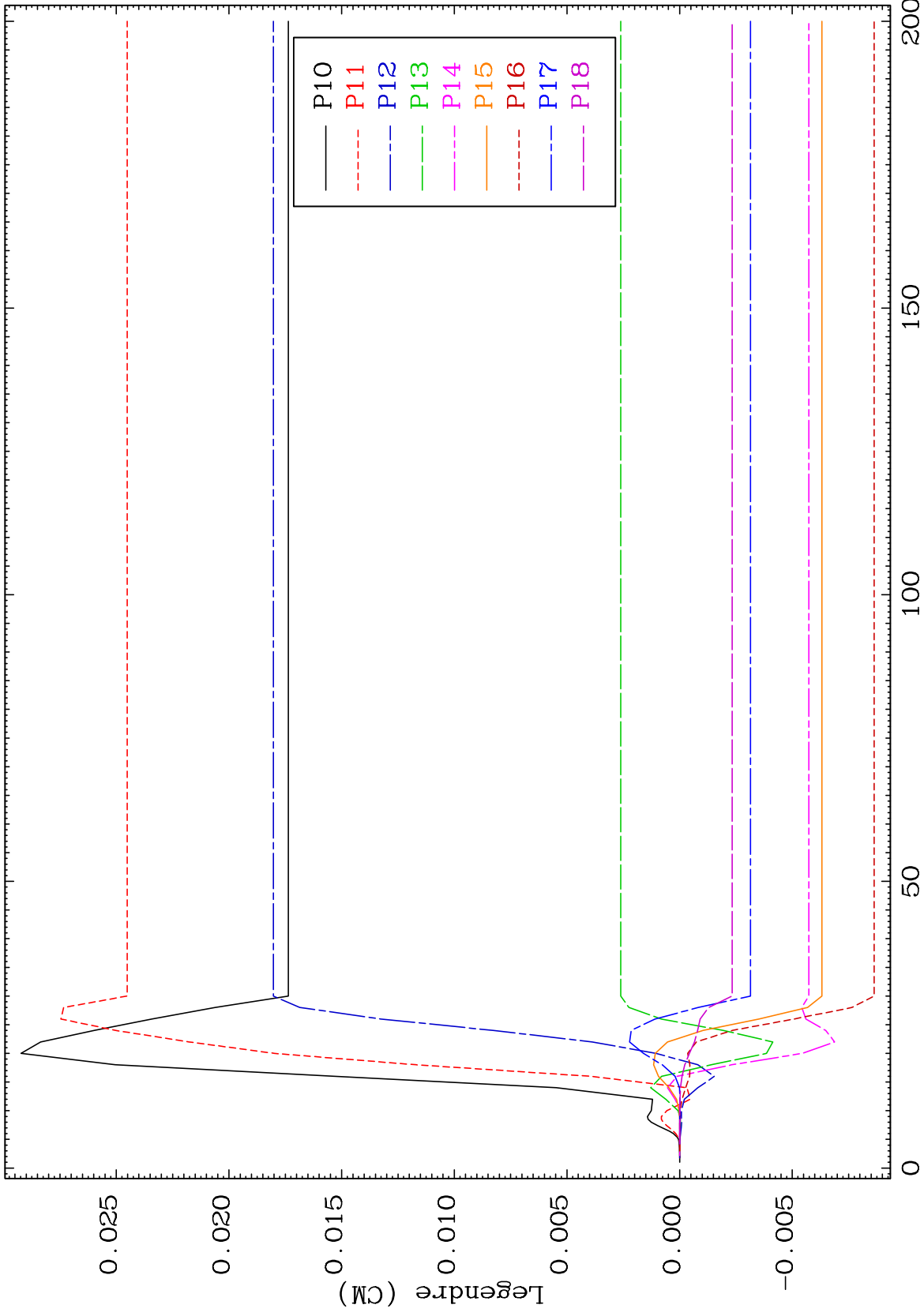
71-Lu-188



MAT 7164

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

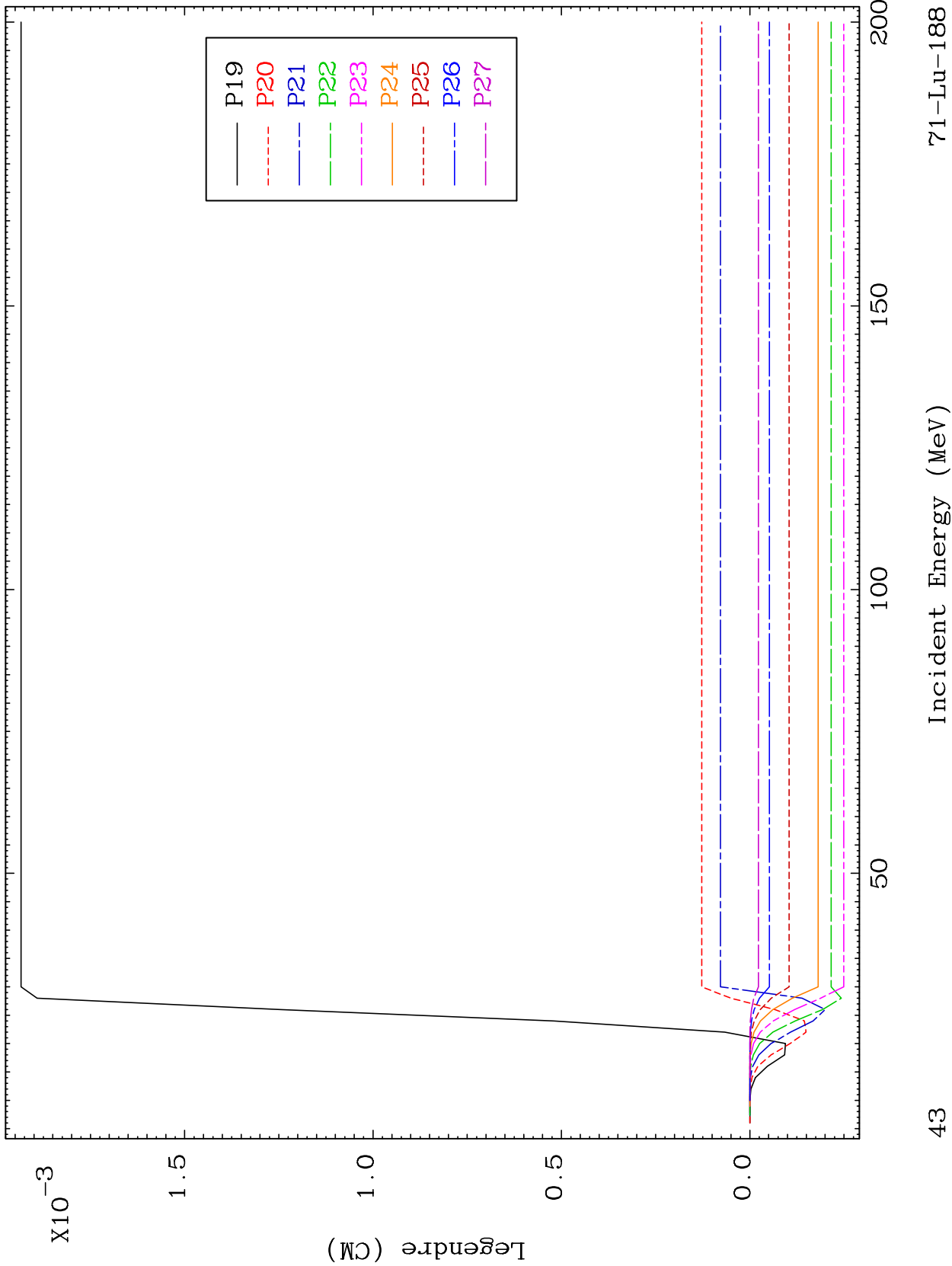
71-Lu-188



42

Incident Energy (MeV)

71-Lu-188

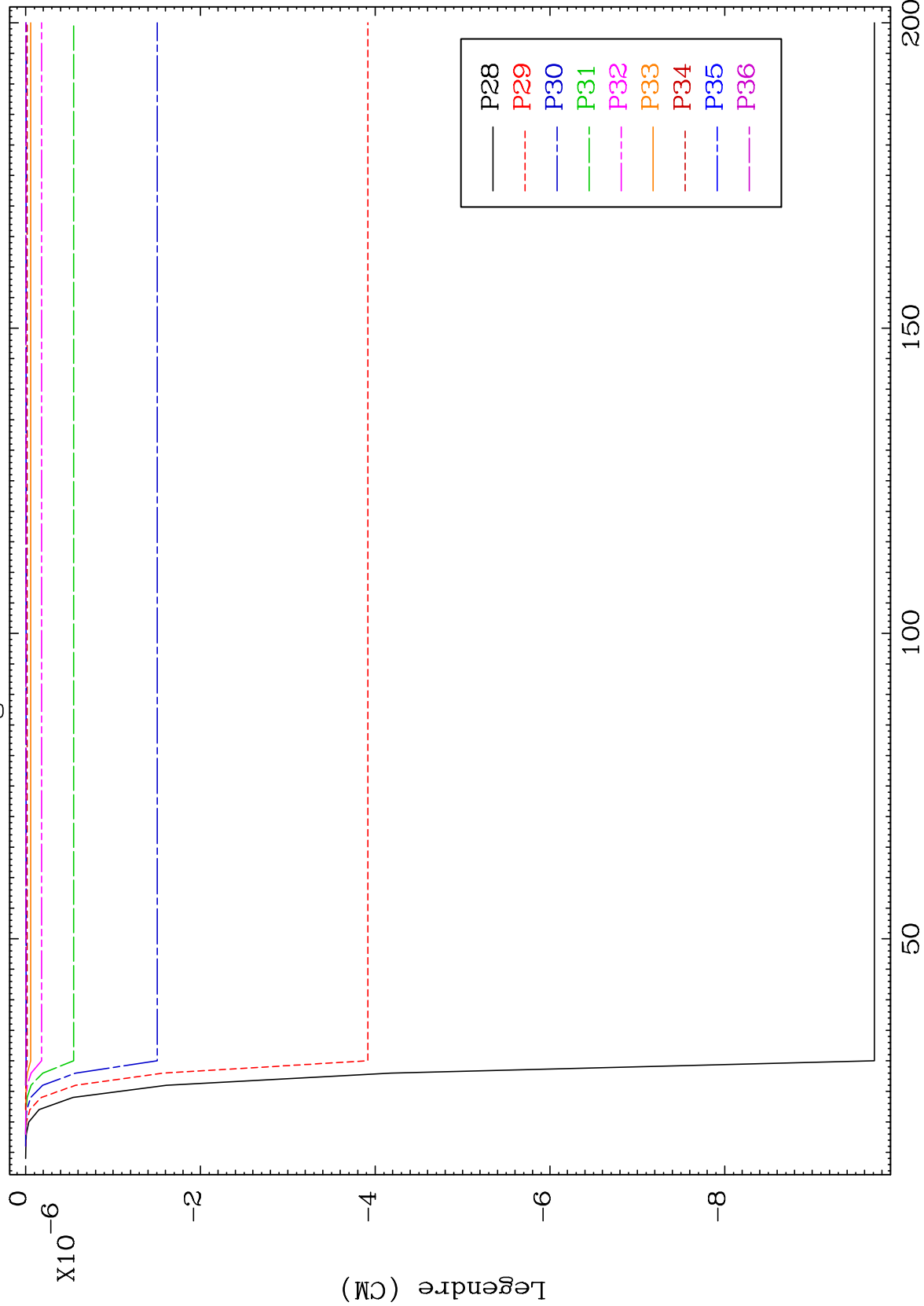


MAT 7164

MT= 57 (n,n') Level

71-Lu-188

Legendre Coefficients



71-Lu-188

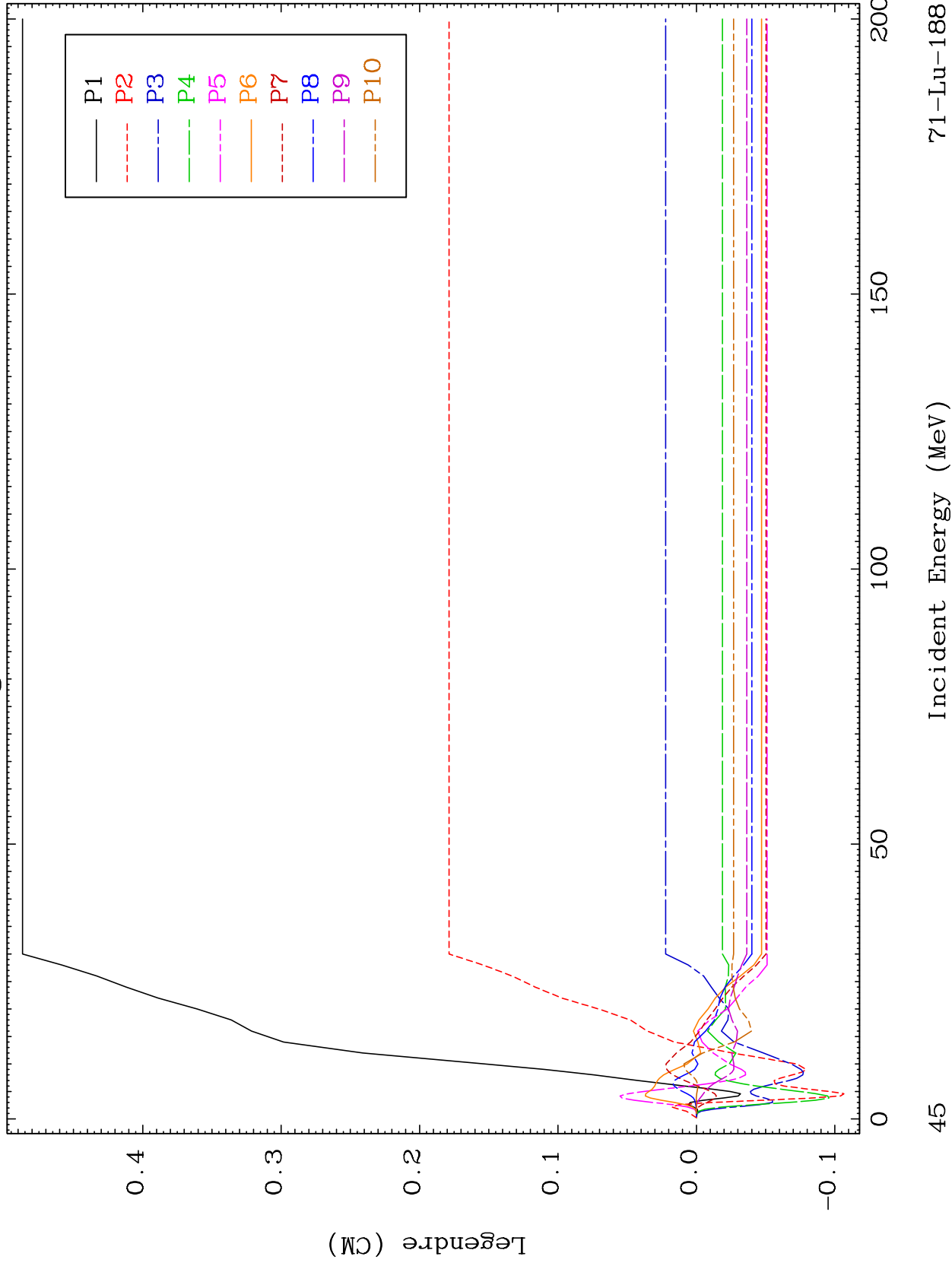
Incident Energy (MeV)

44

MAT 7164

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

71-Lu-188



71-Lu-188

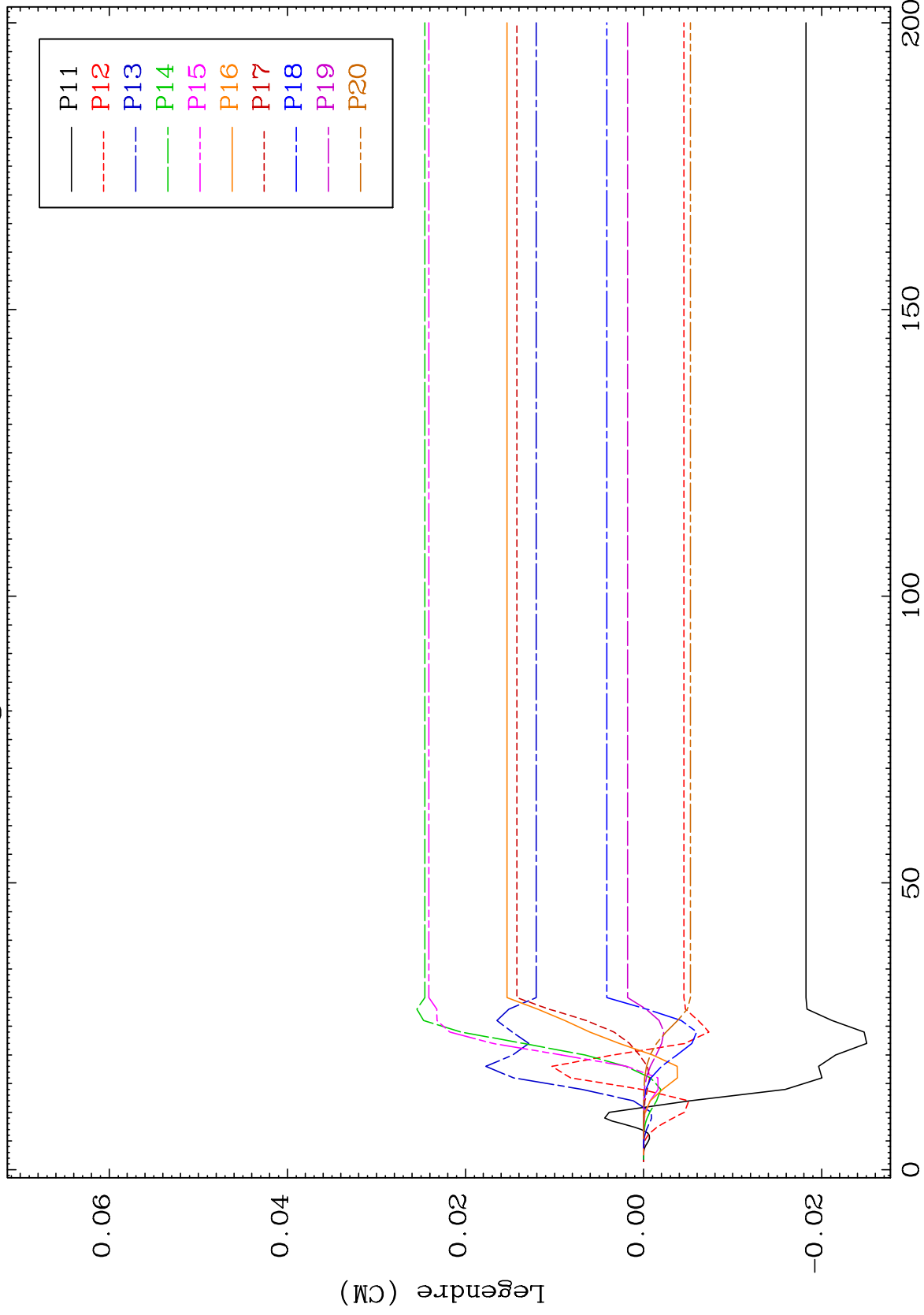
Incident Energy (MeV)

45

MAT 7164

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

71-Lu-188



46

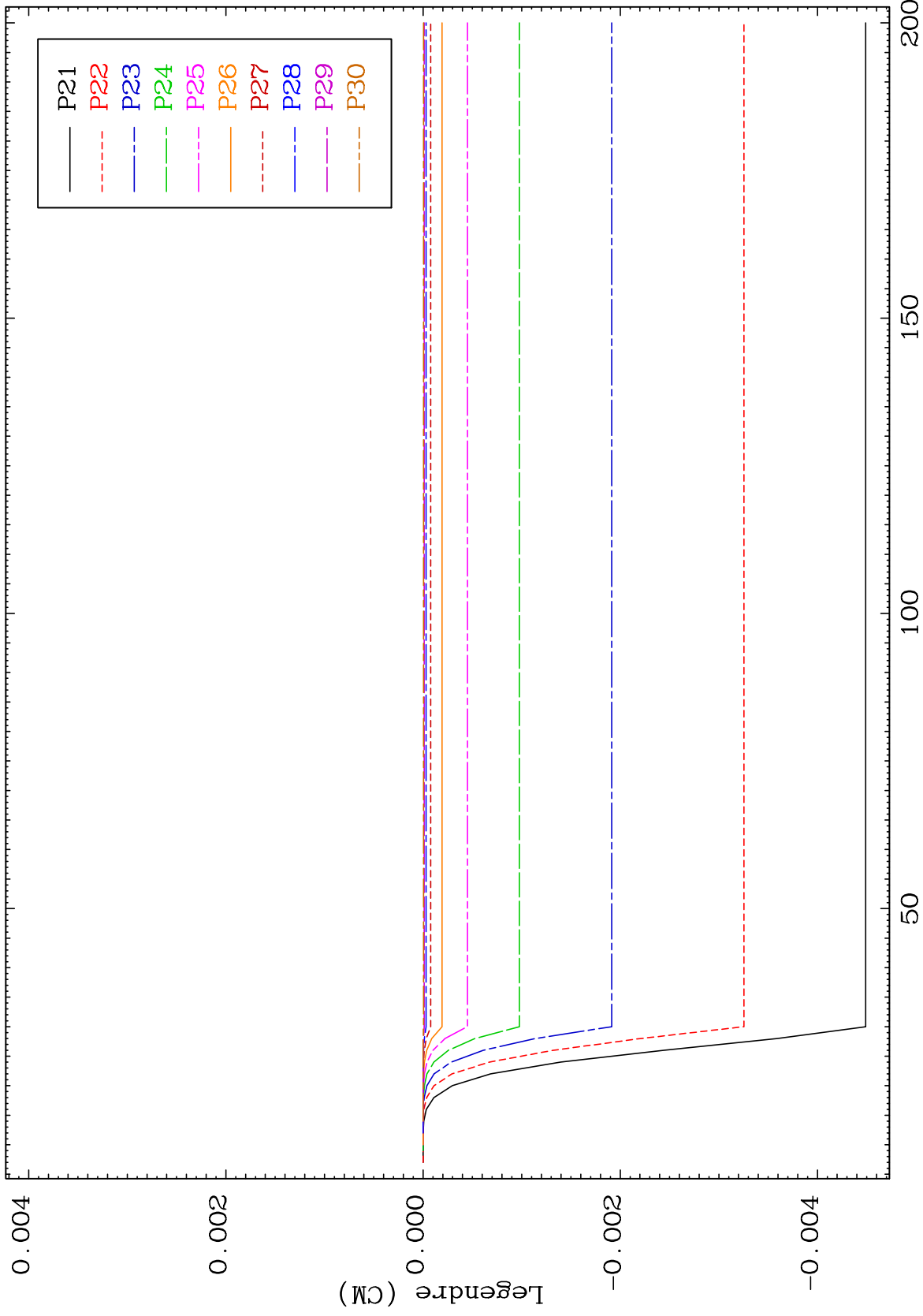
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

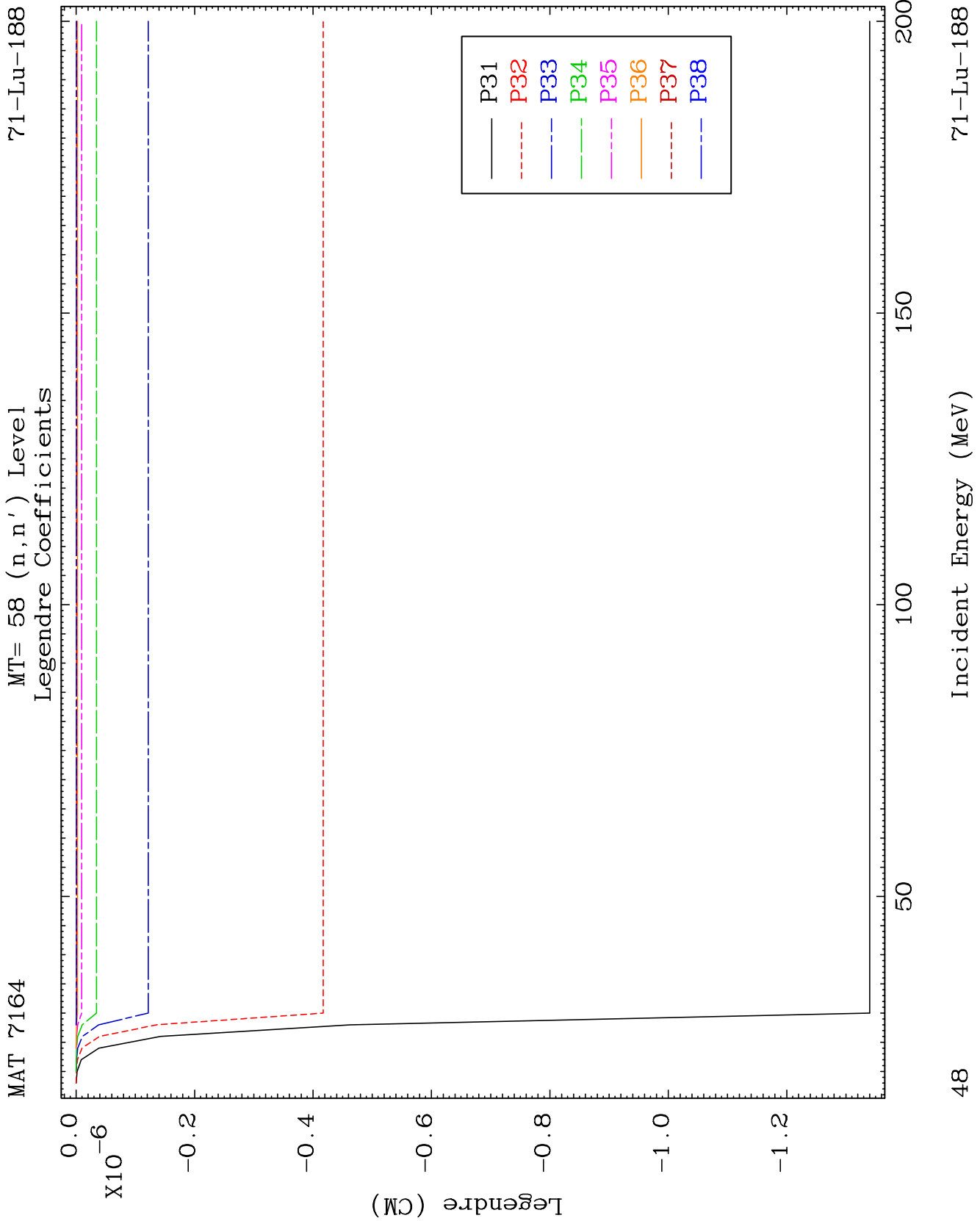
71-Lu-188



47

Incident Energy (MeV)

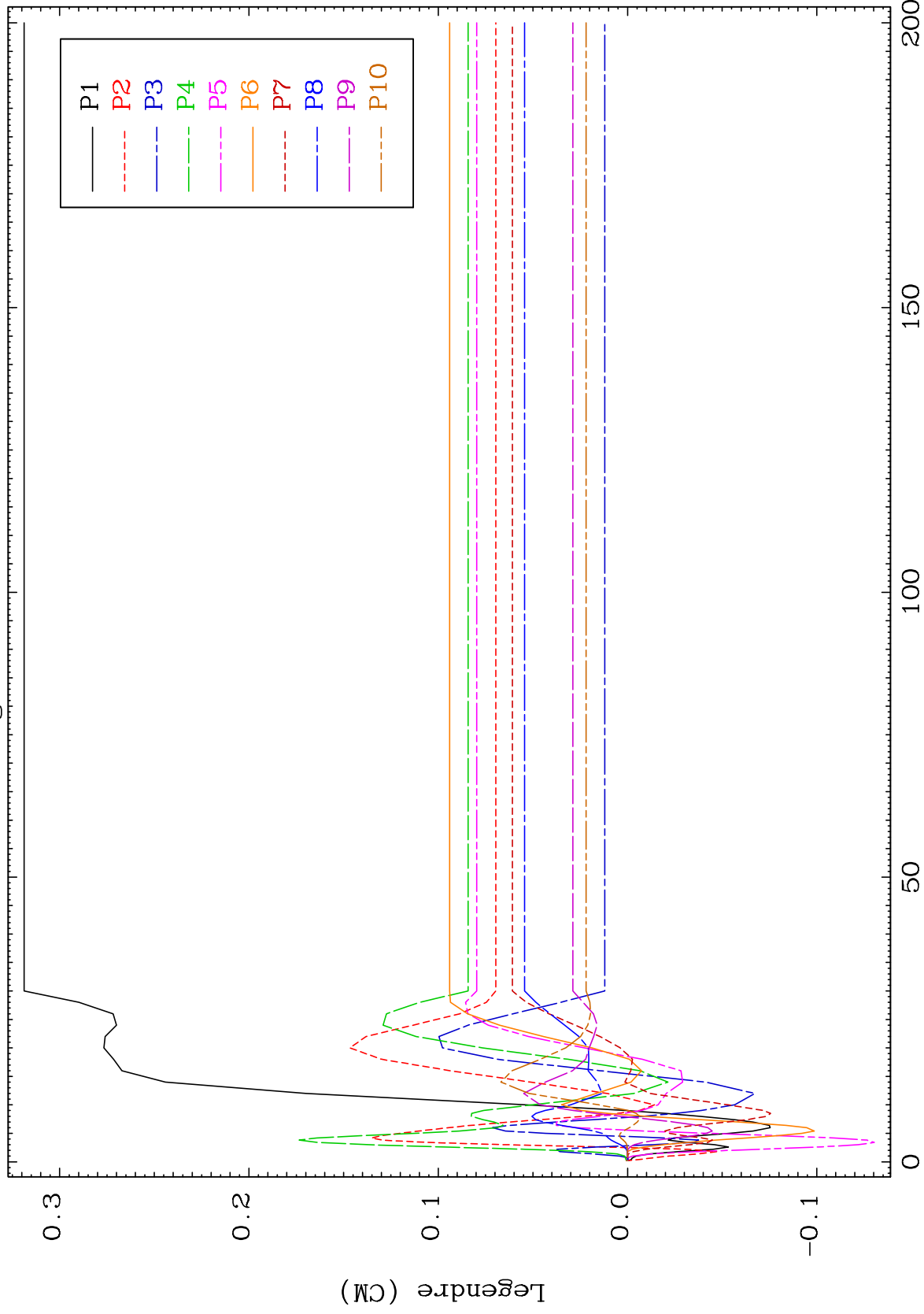
71-Lu-188



MAT 7164

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

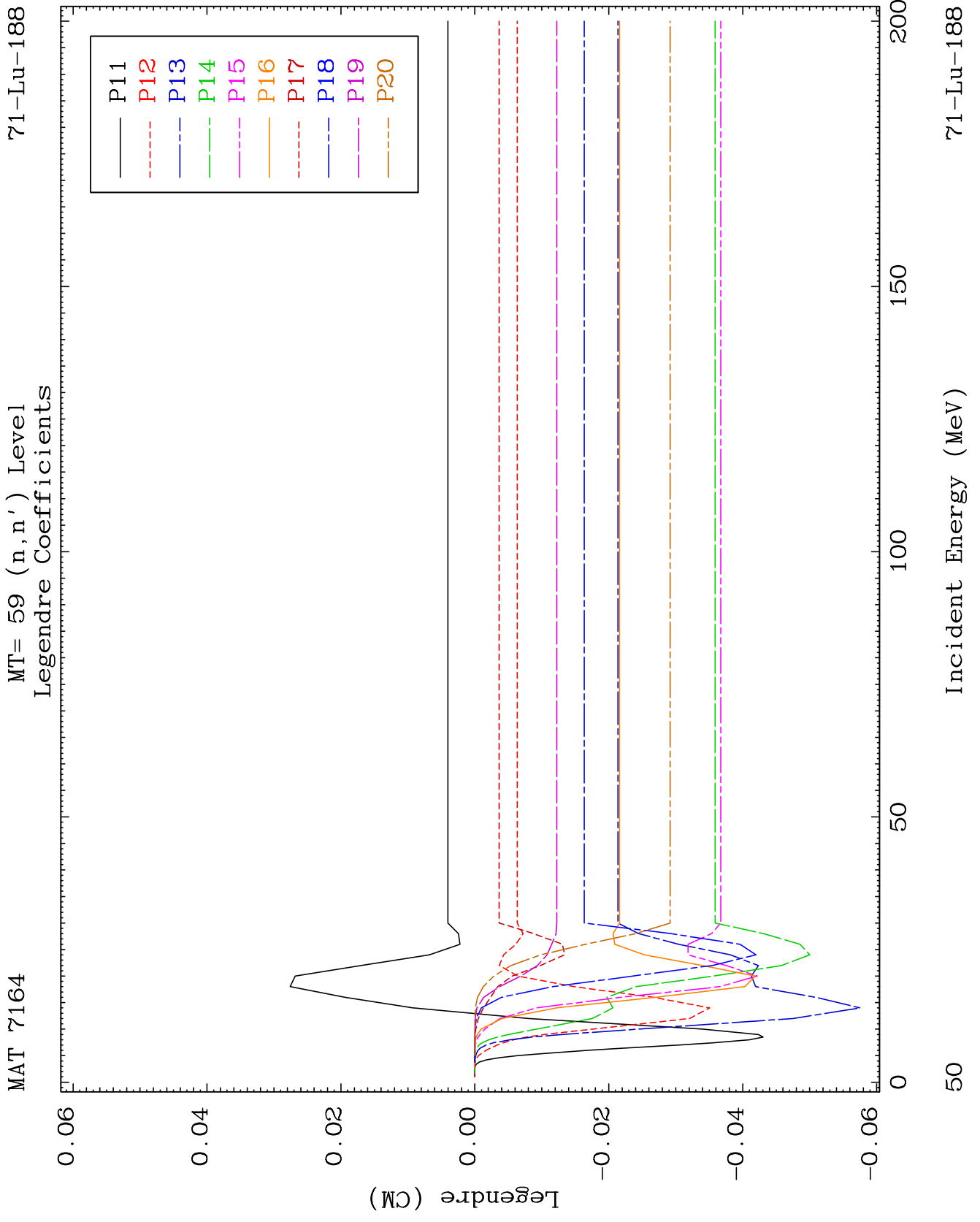
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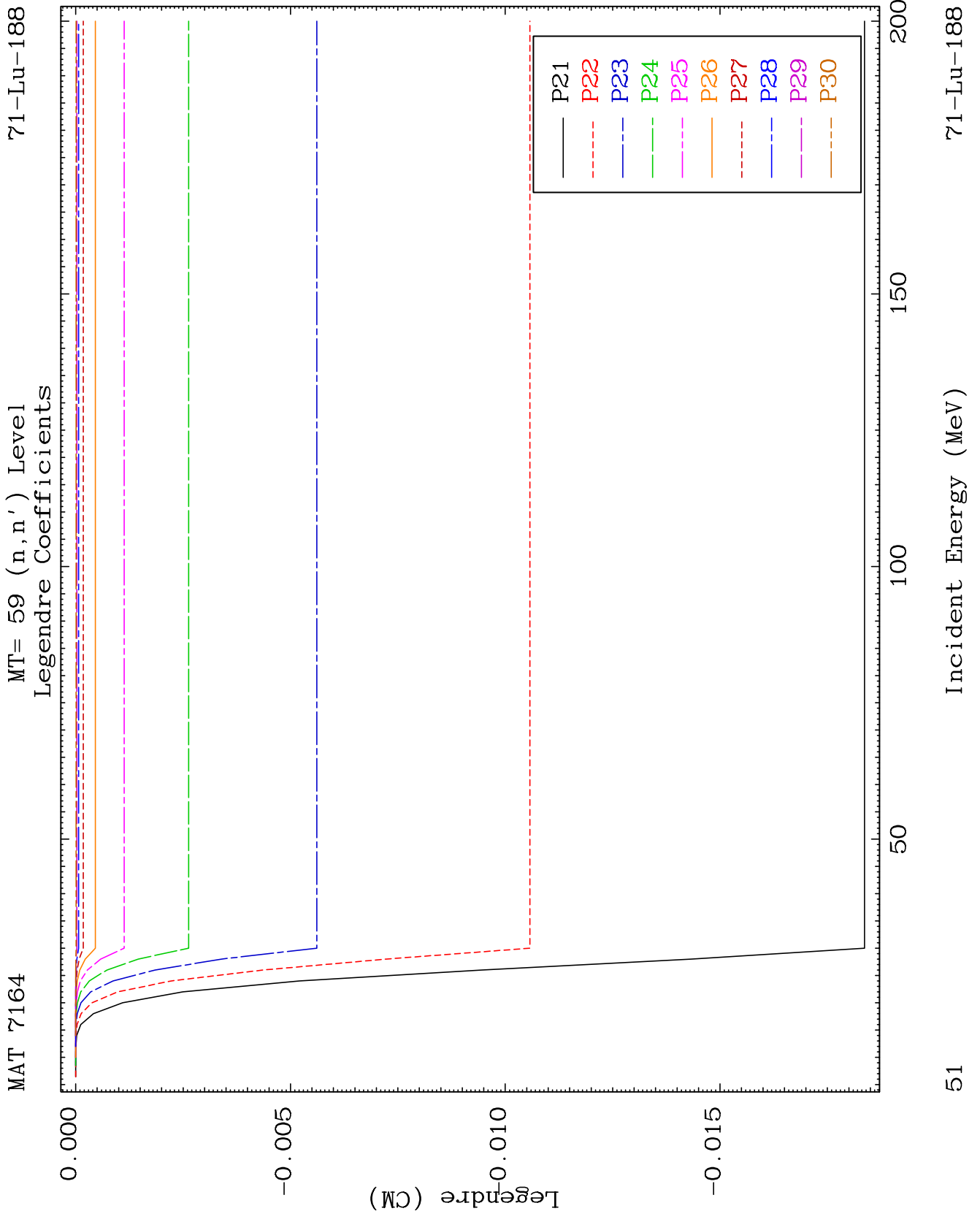


49

Incident Energy (MeV)

71-Lu-188



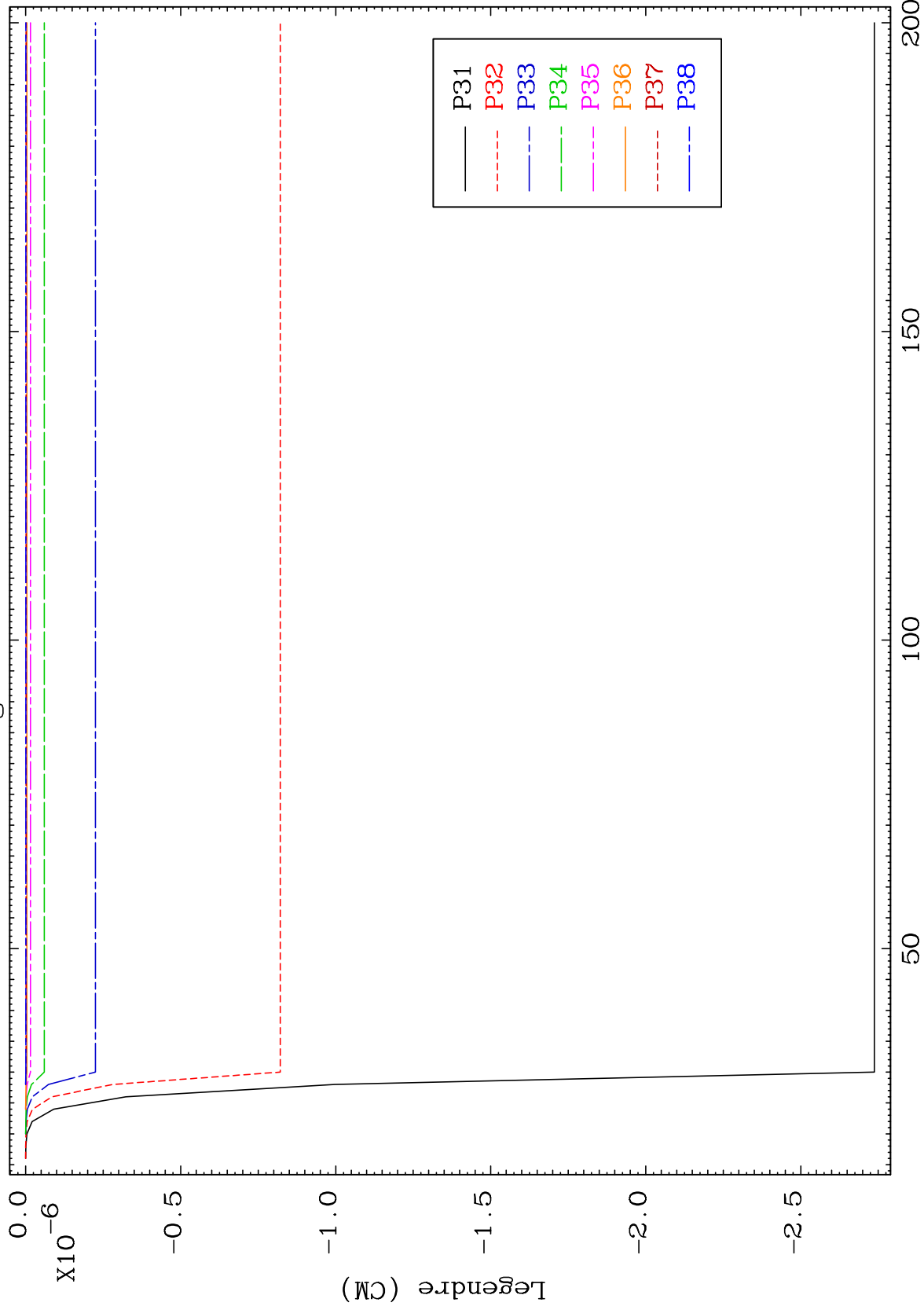


MAT 7164

MT= 59 (n,n') Level

71-Lu-188

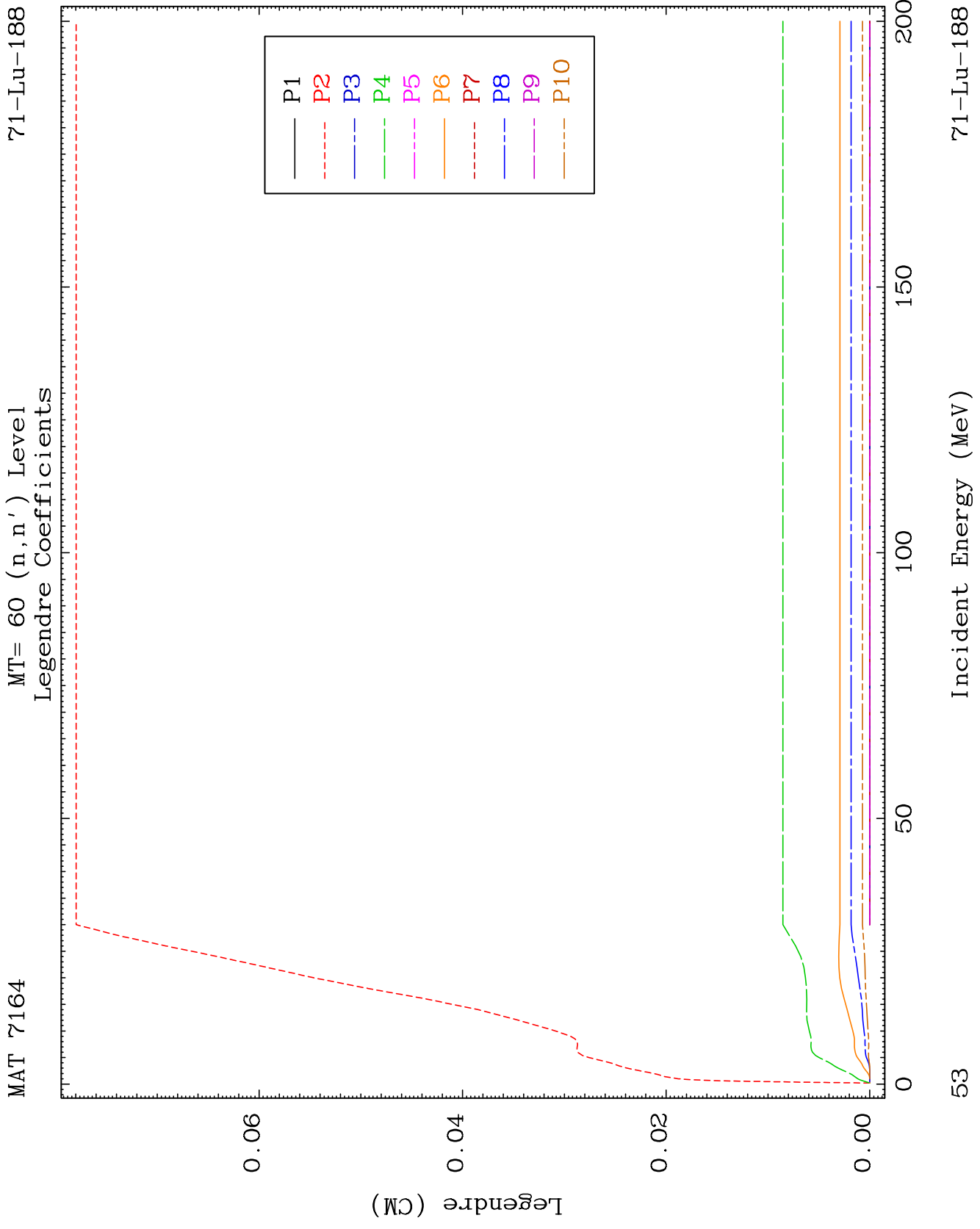
Legendre Coefficients



52

Incident Energy (MeV)

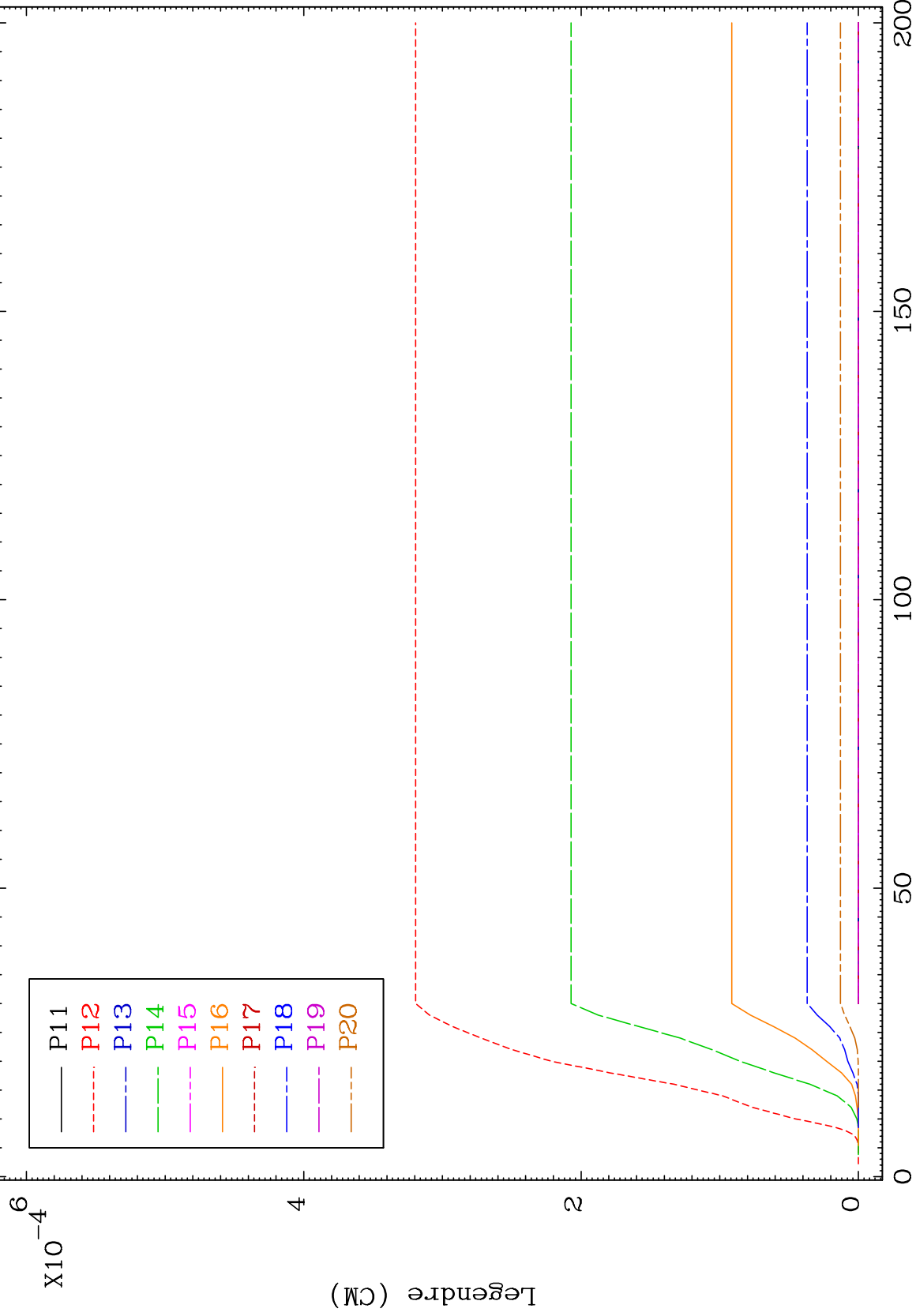
71-Lu-188



MAT 7164

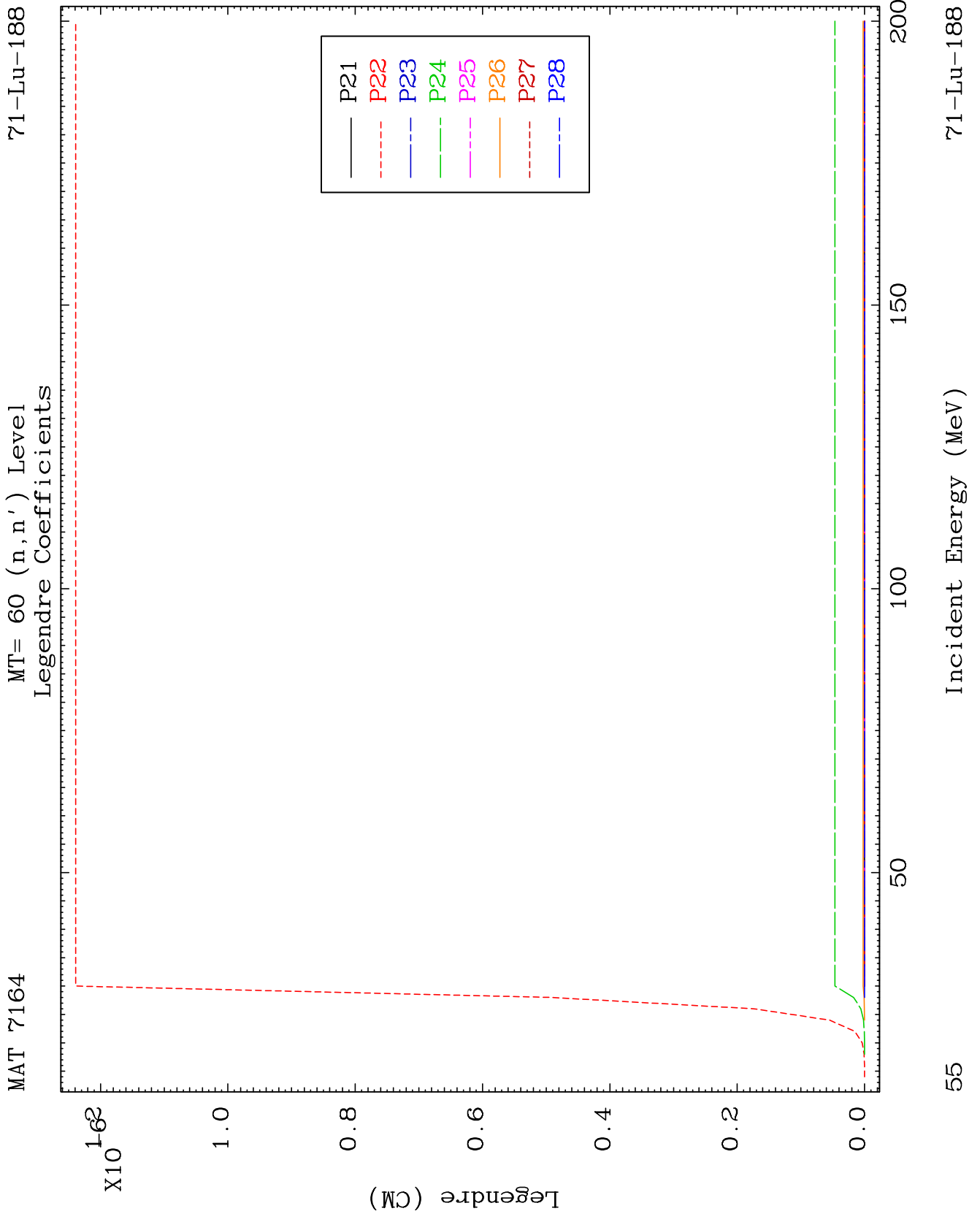
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Legendre Coefficients

71-Lu-188



54

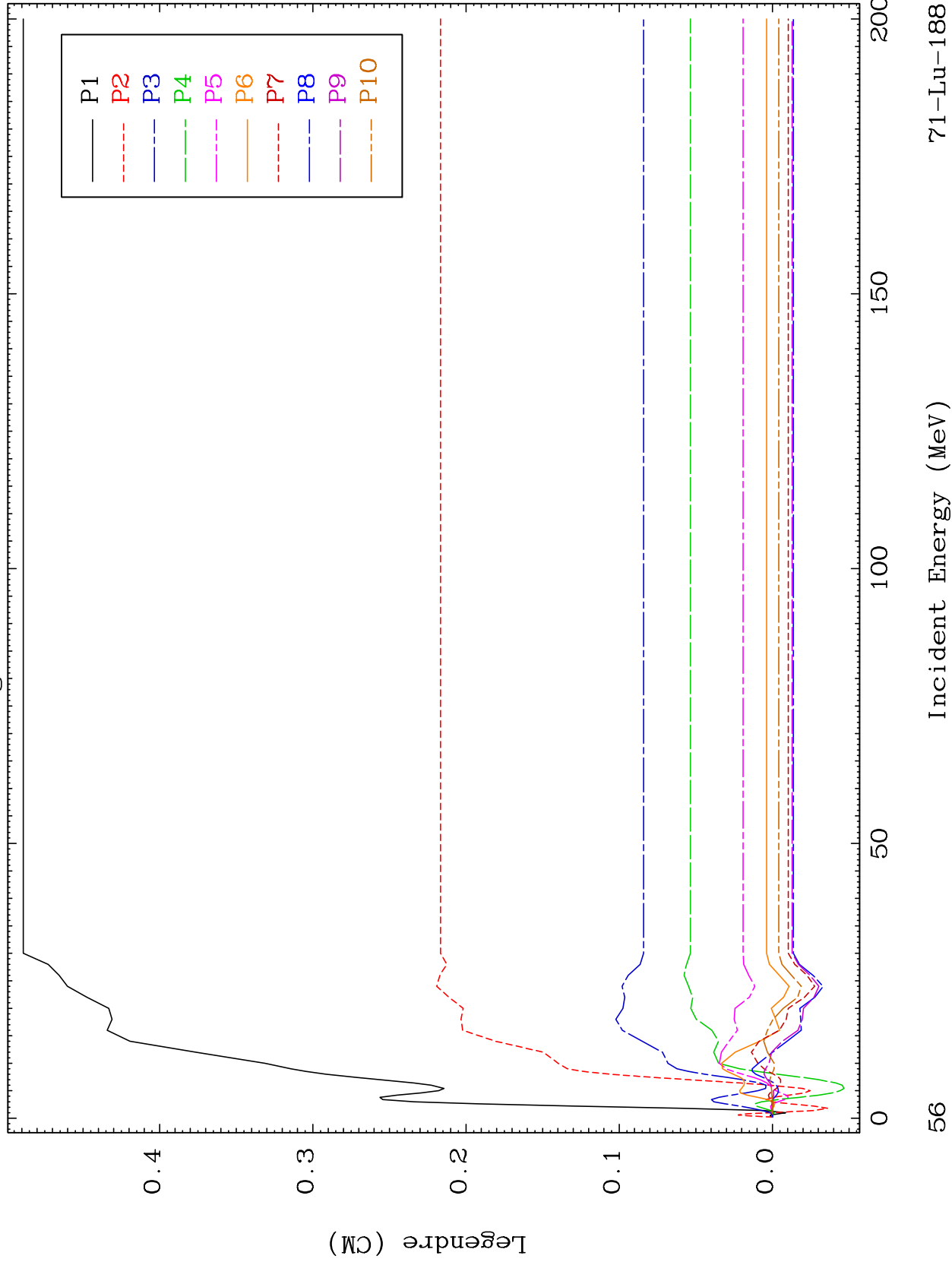
71-Lu-188



MAT 7164

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

71-Lu-188



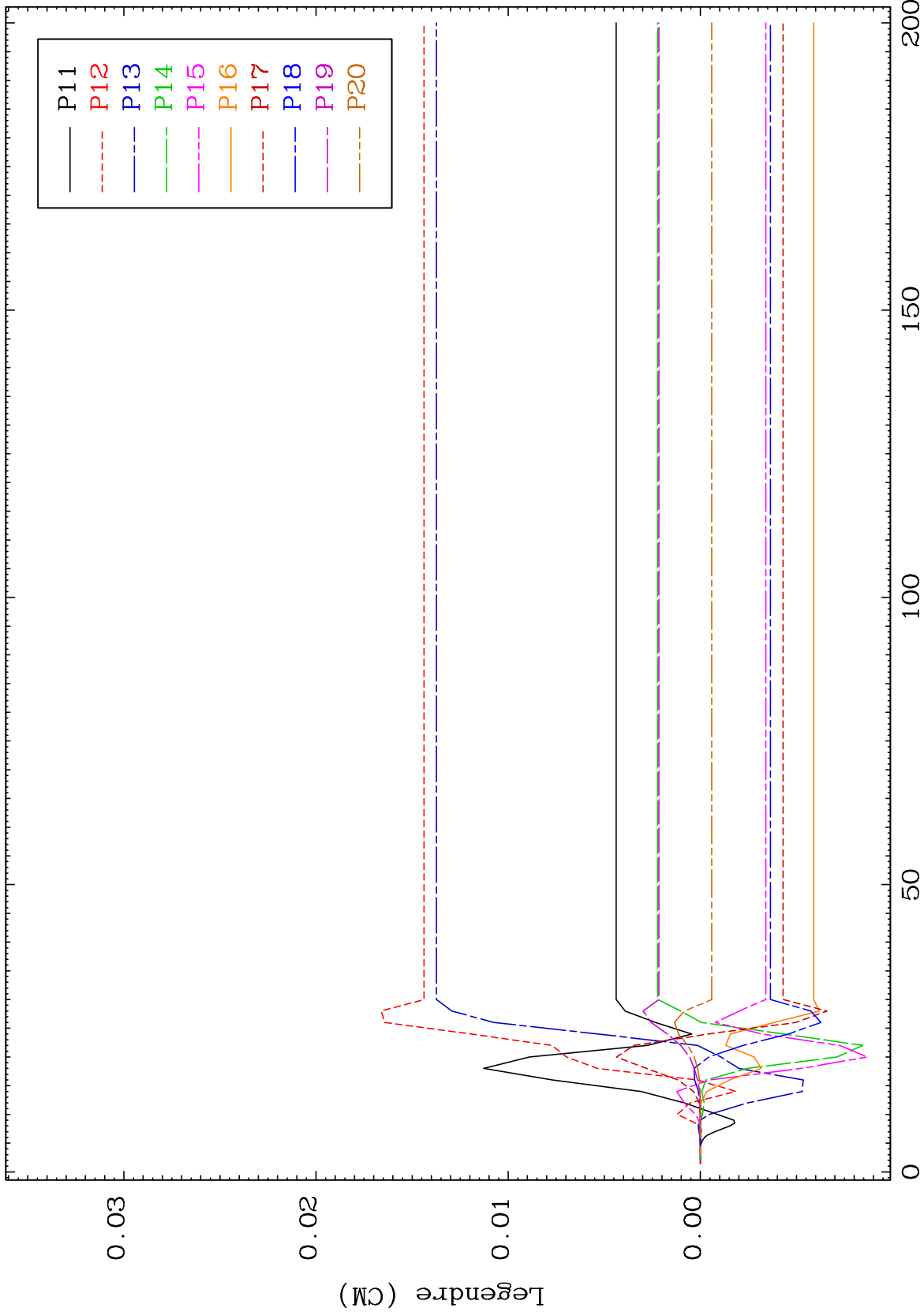
56

71-Lu-188

MAT 7164

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

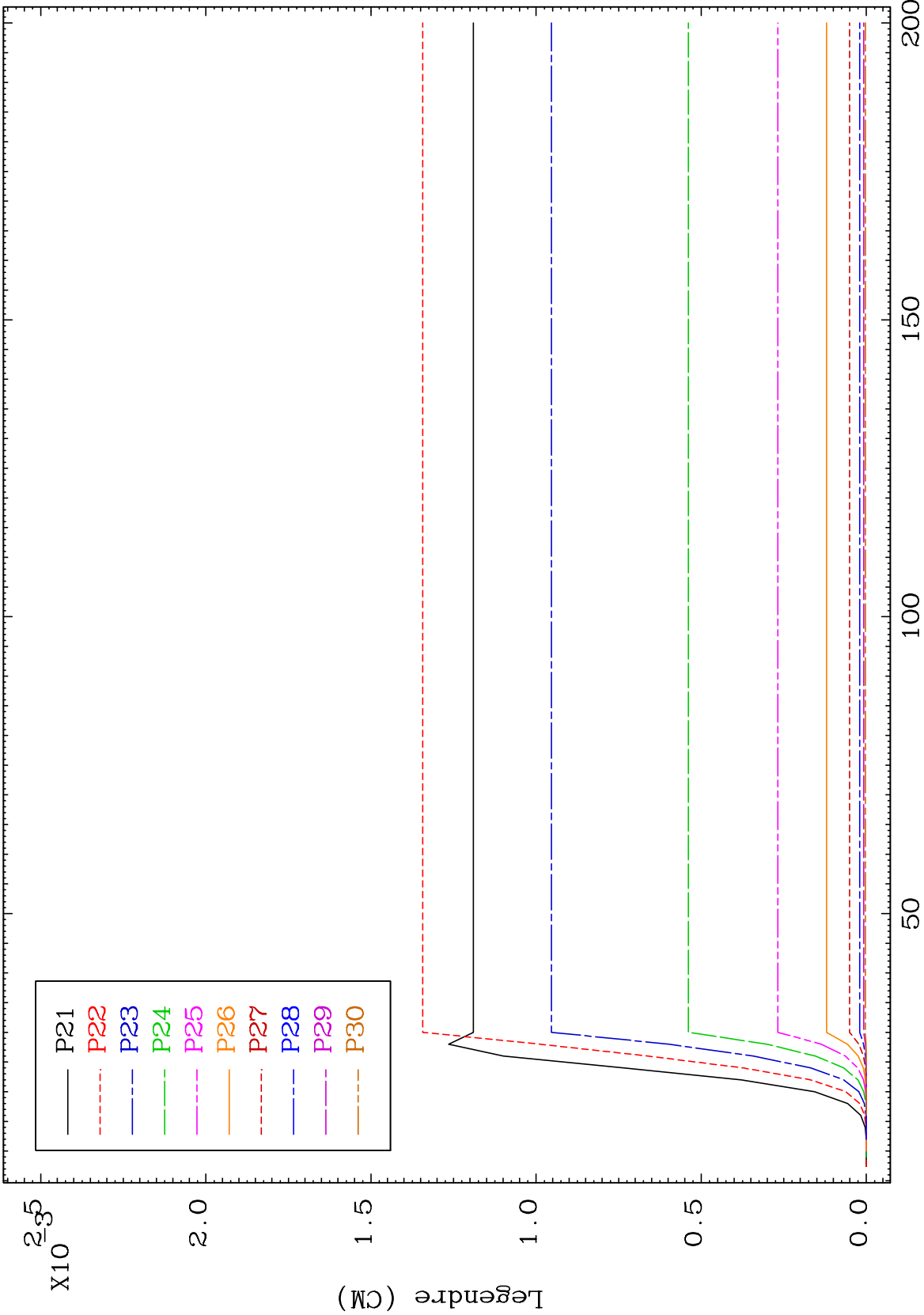
71-Lu-188



57

Incident Energy (MeV)

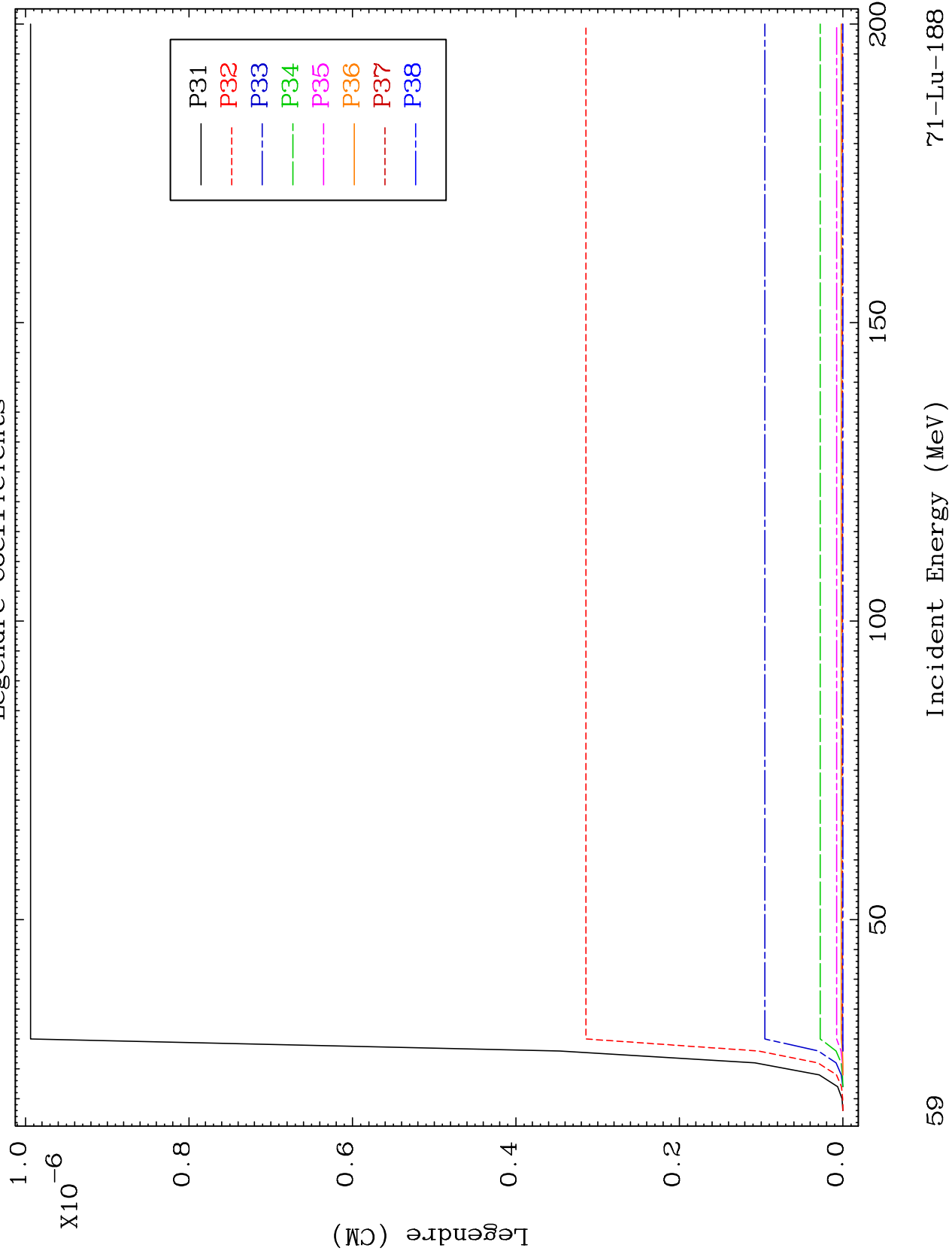
71-Lu-188



MAT 7164

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

71-Lu-188



59

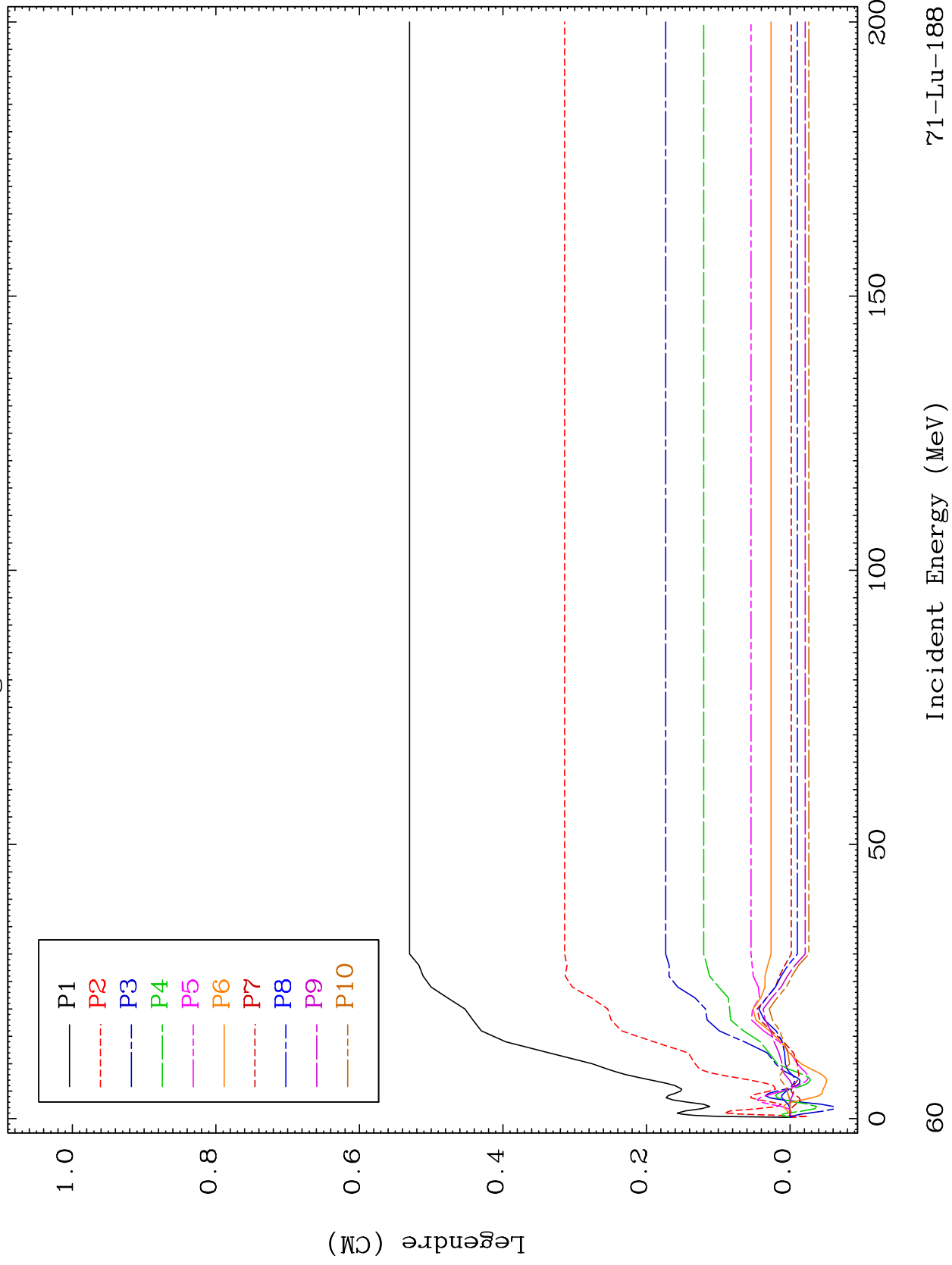
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



71-Lu-188

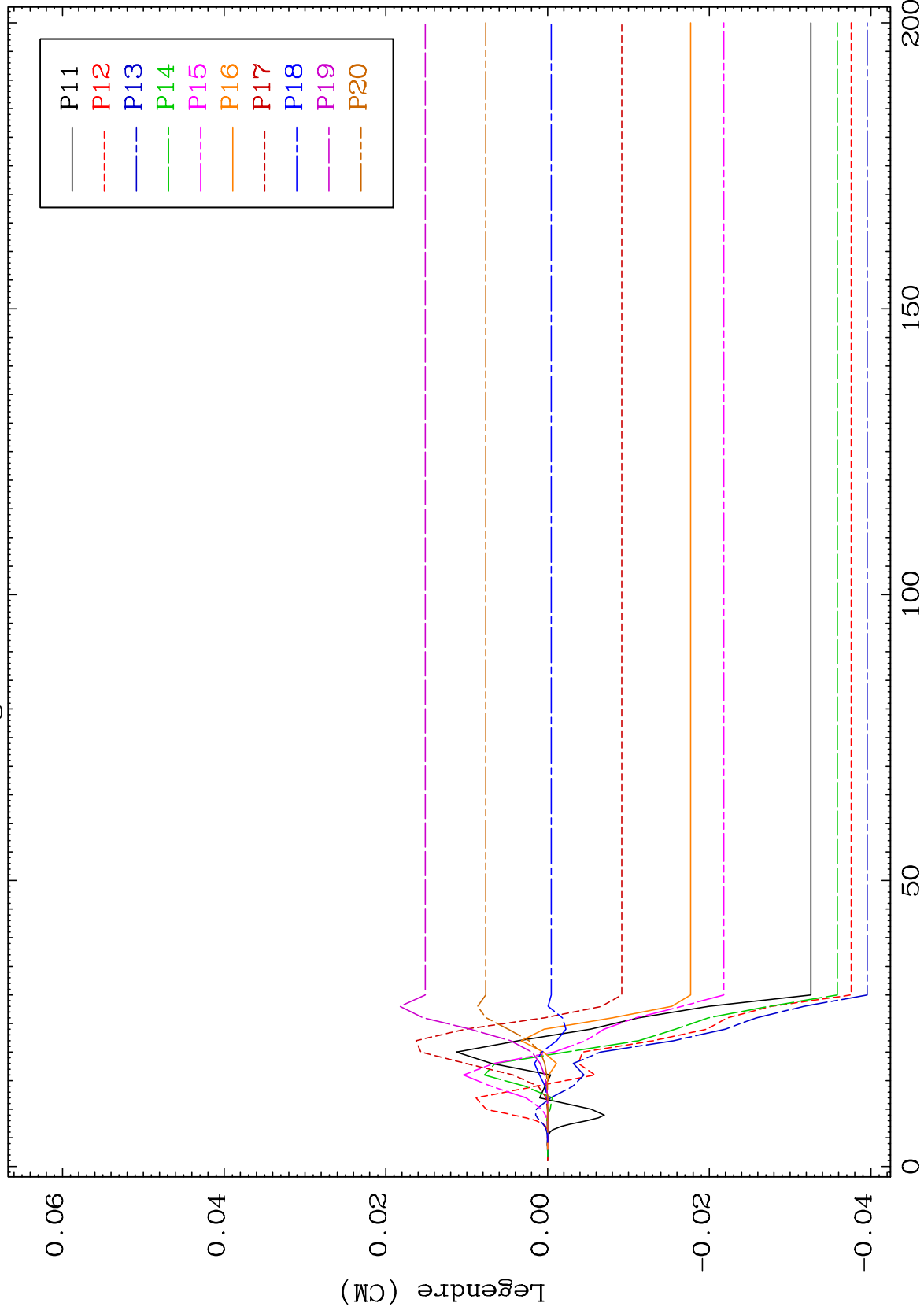
Incident Energy (MeV)

60

MAT 7164

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

71-Lu-188



61

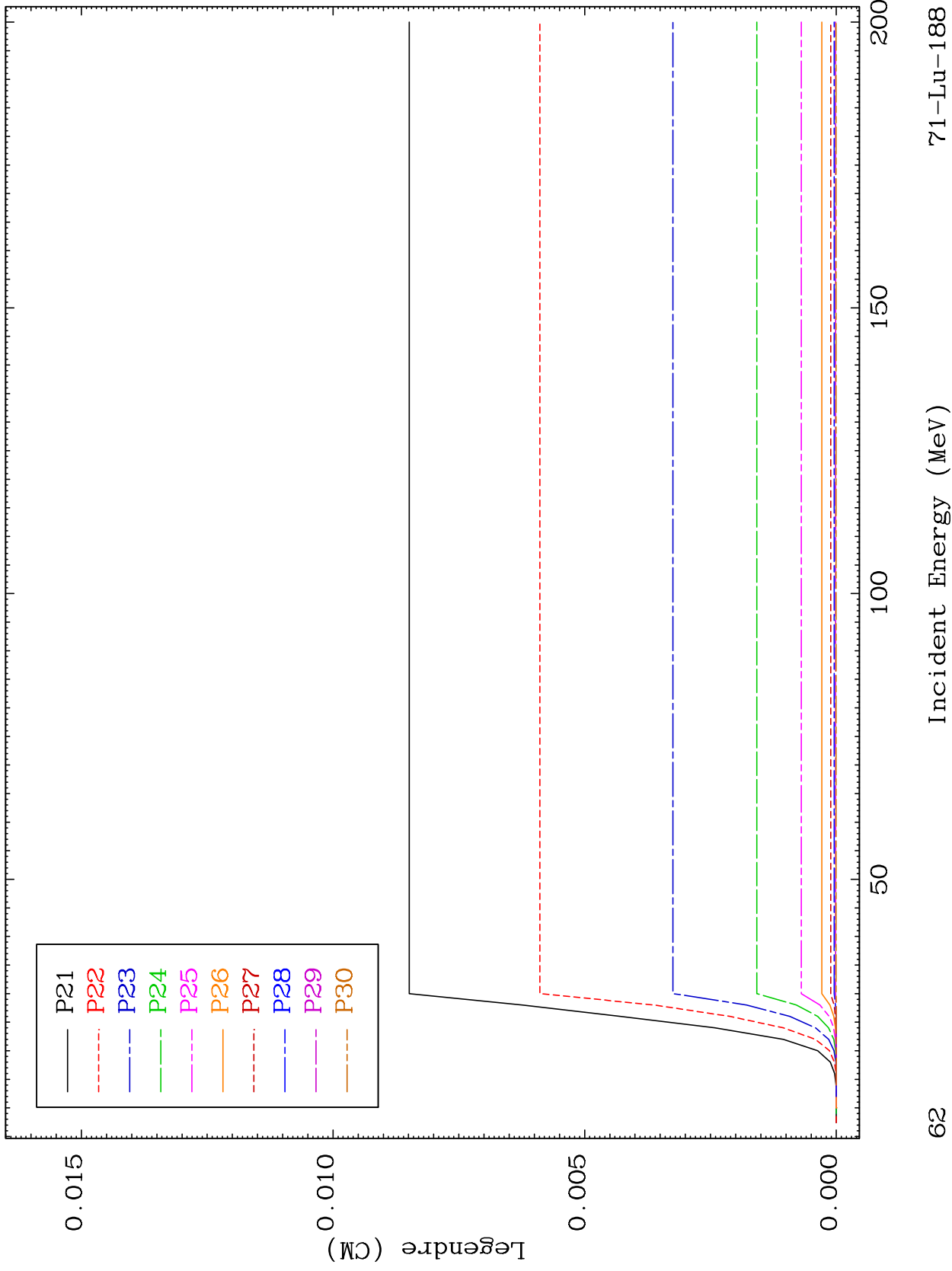
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



62

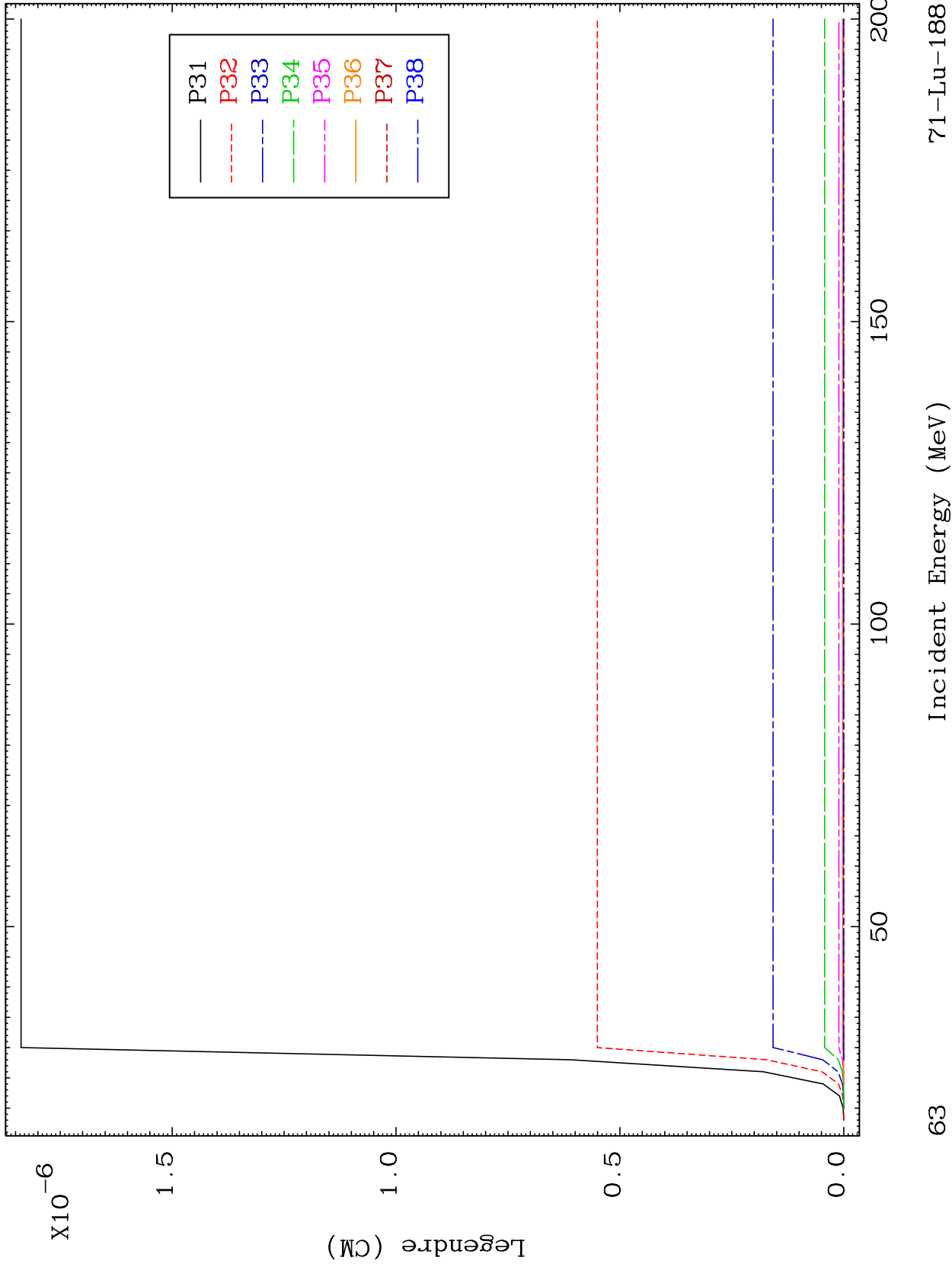
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



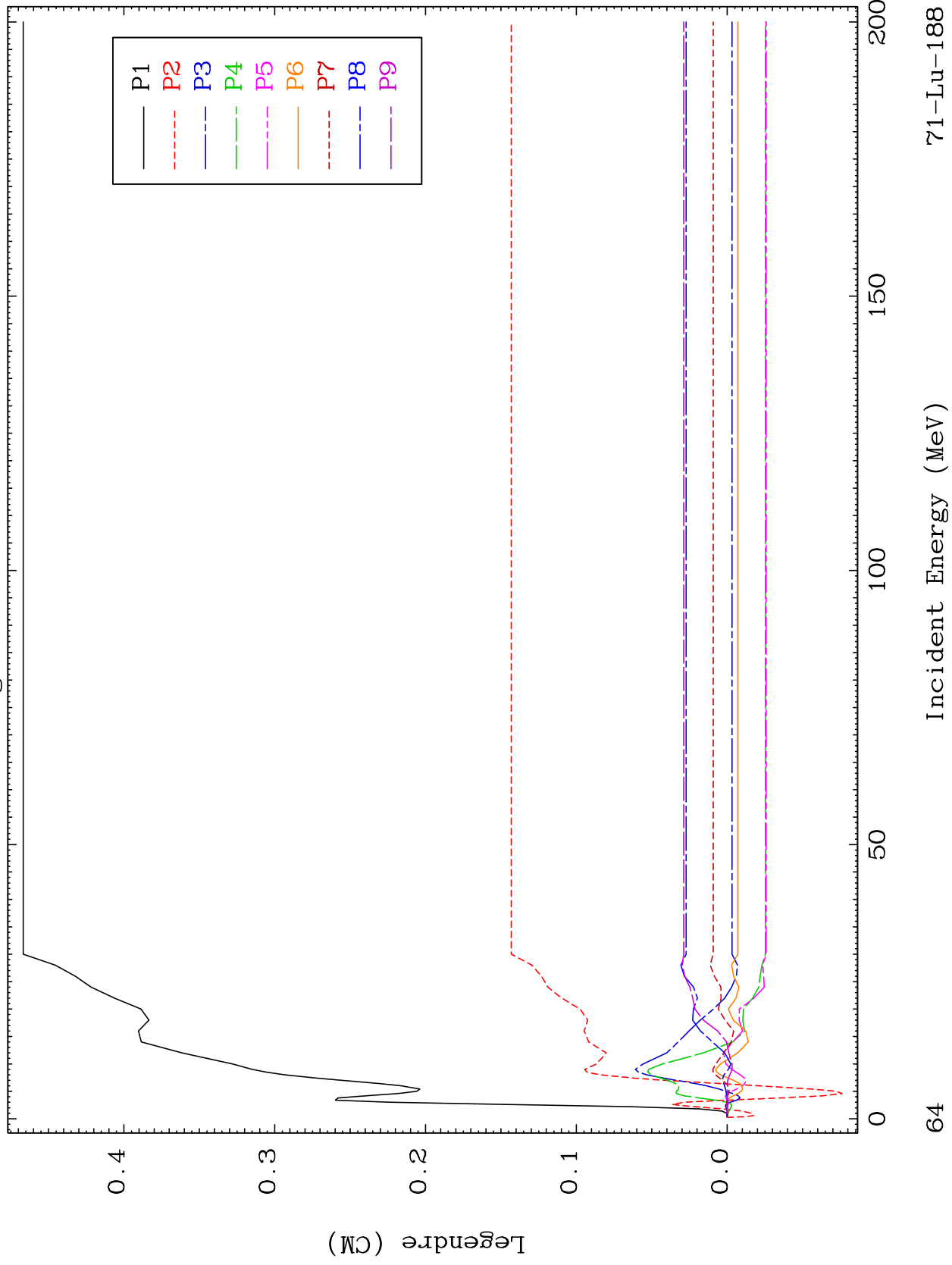
63

71-Lu-188

MAT 7164

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

71-Lu-188



71-Lu-188

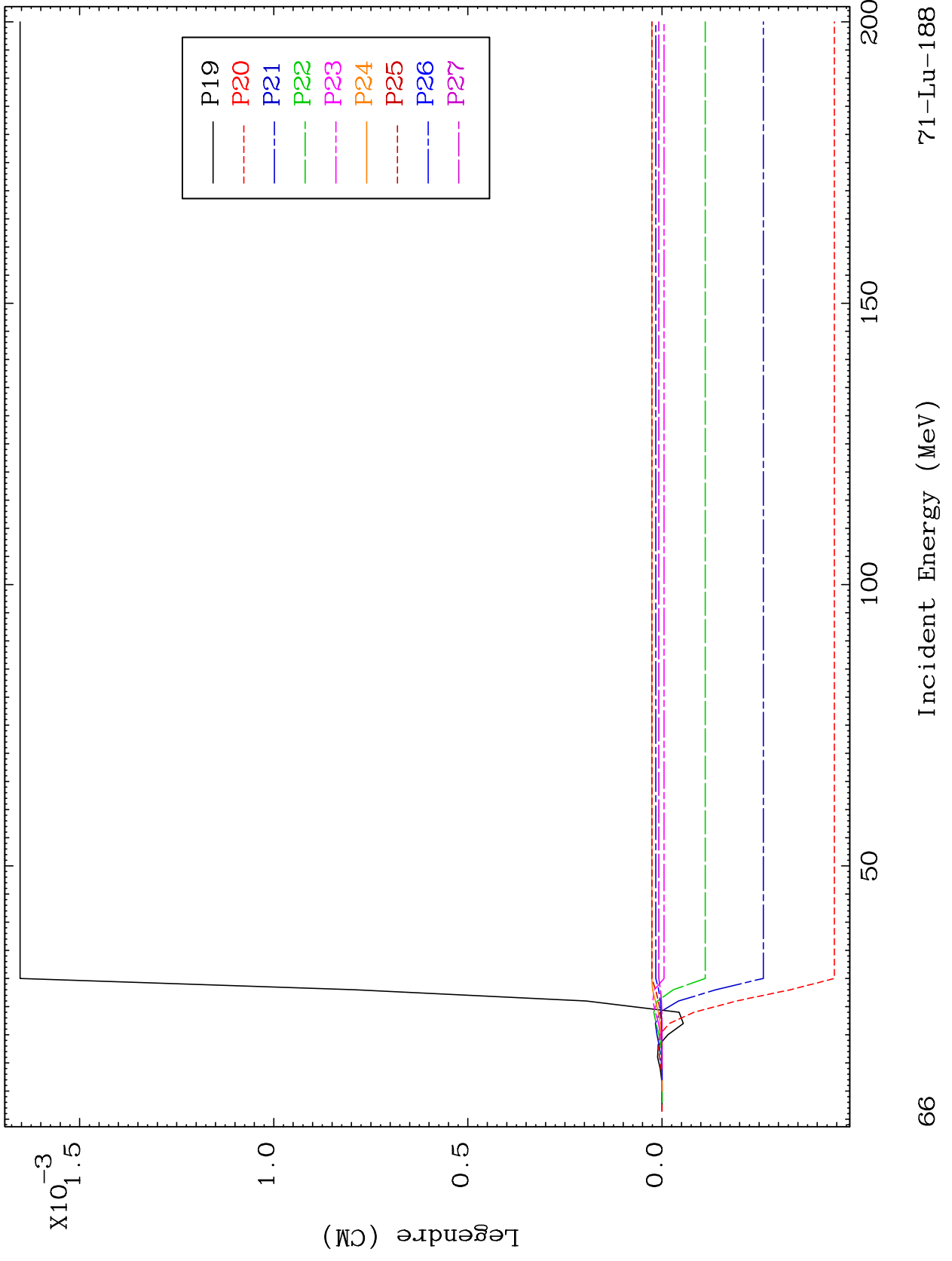
Incident Energy (MeV)

64

MAT 7164

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

71-Lu-188



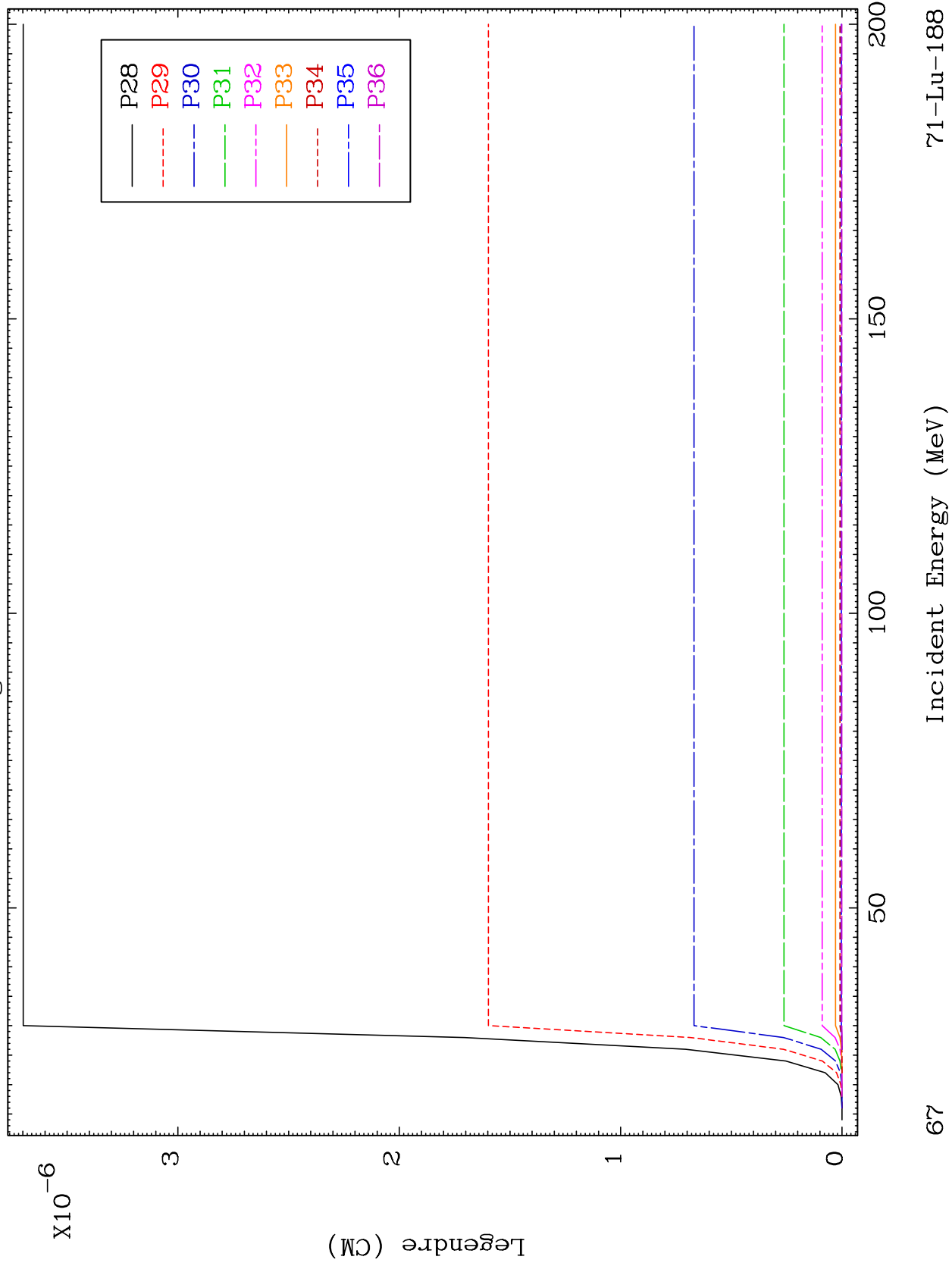
66

71-Lu-188

MAT 7164

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

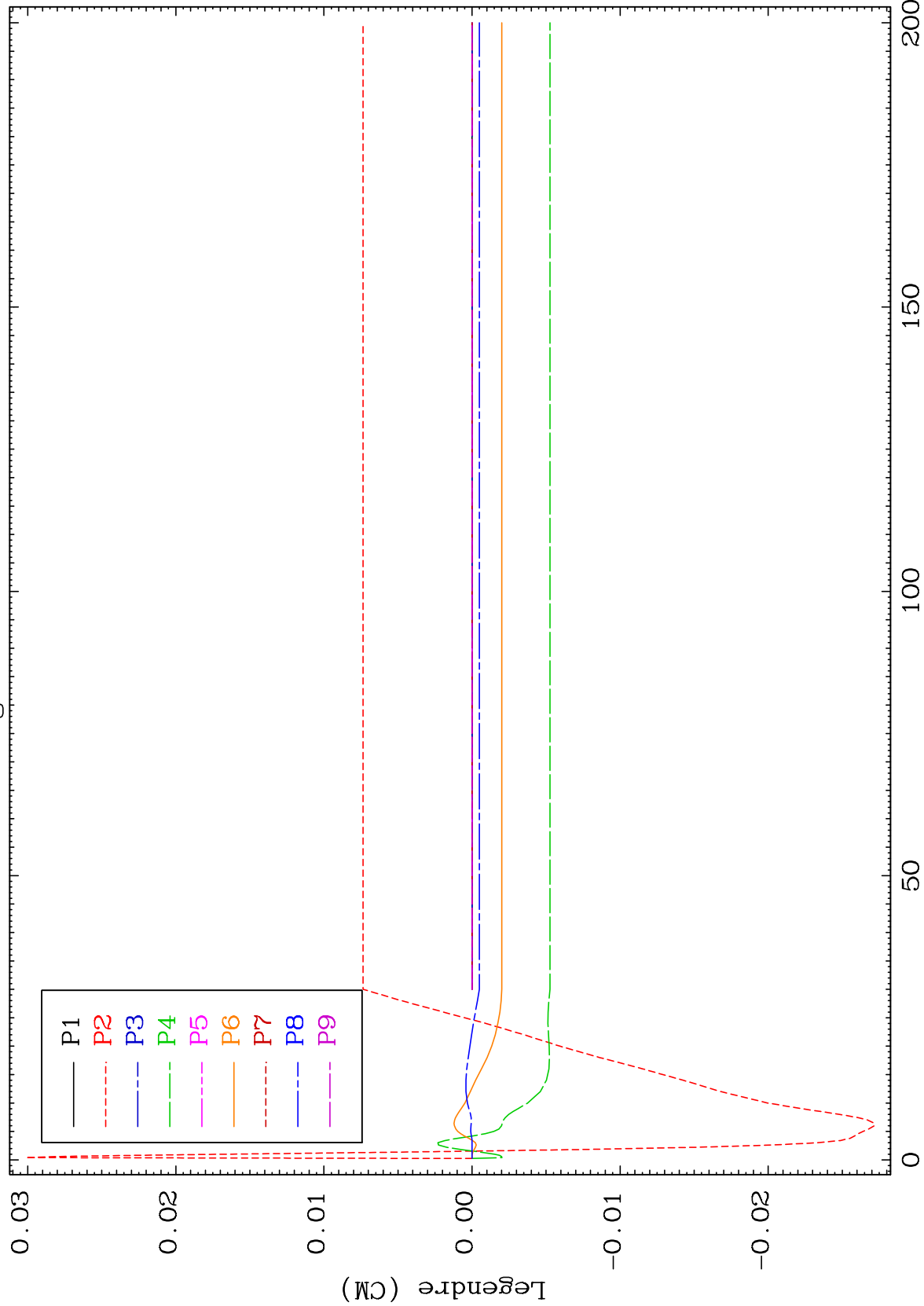
71-Lu-188



MAT 7164

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

71-Lu-188



68

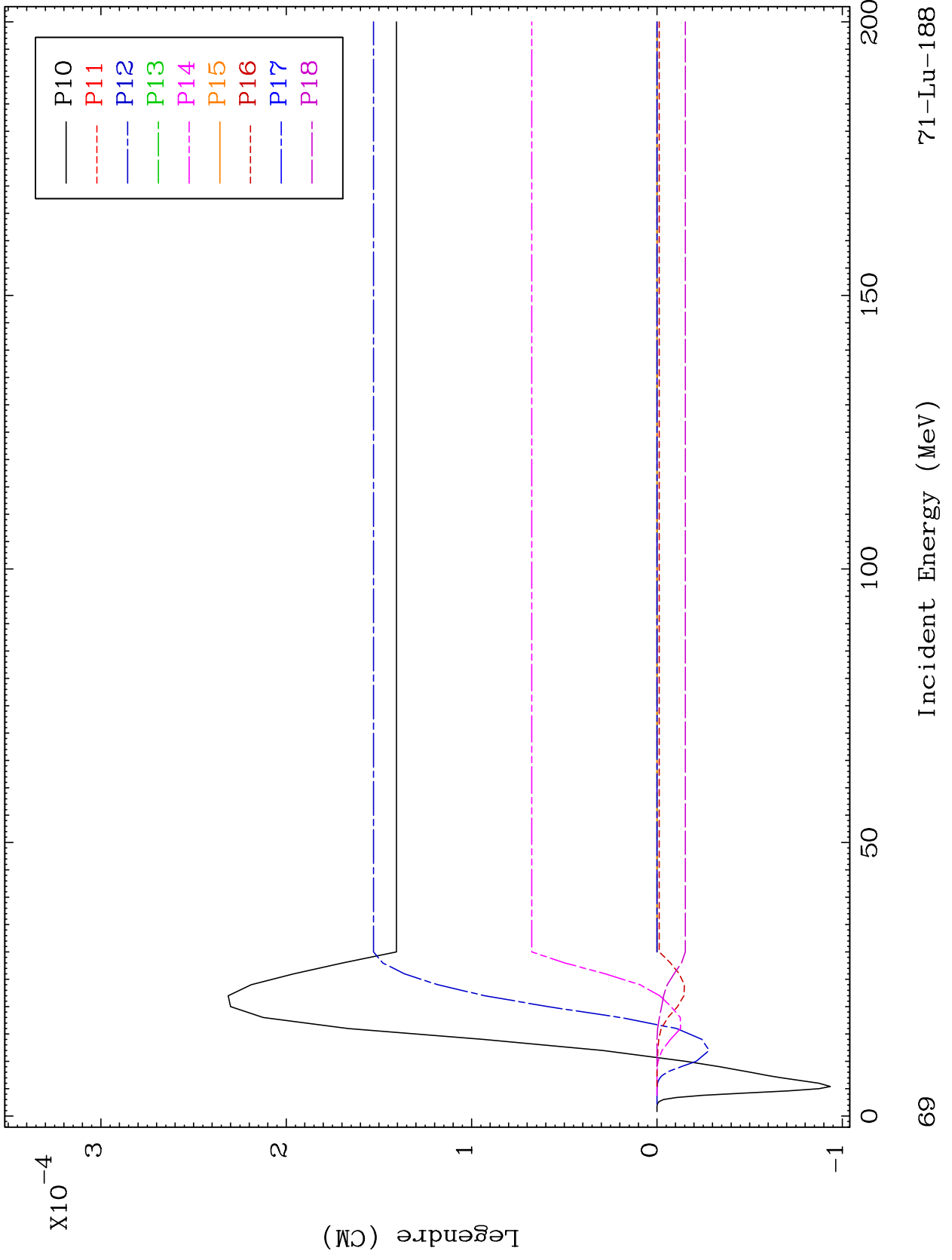
Incident Energy (MeV)

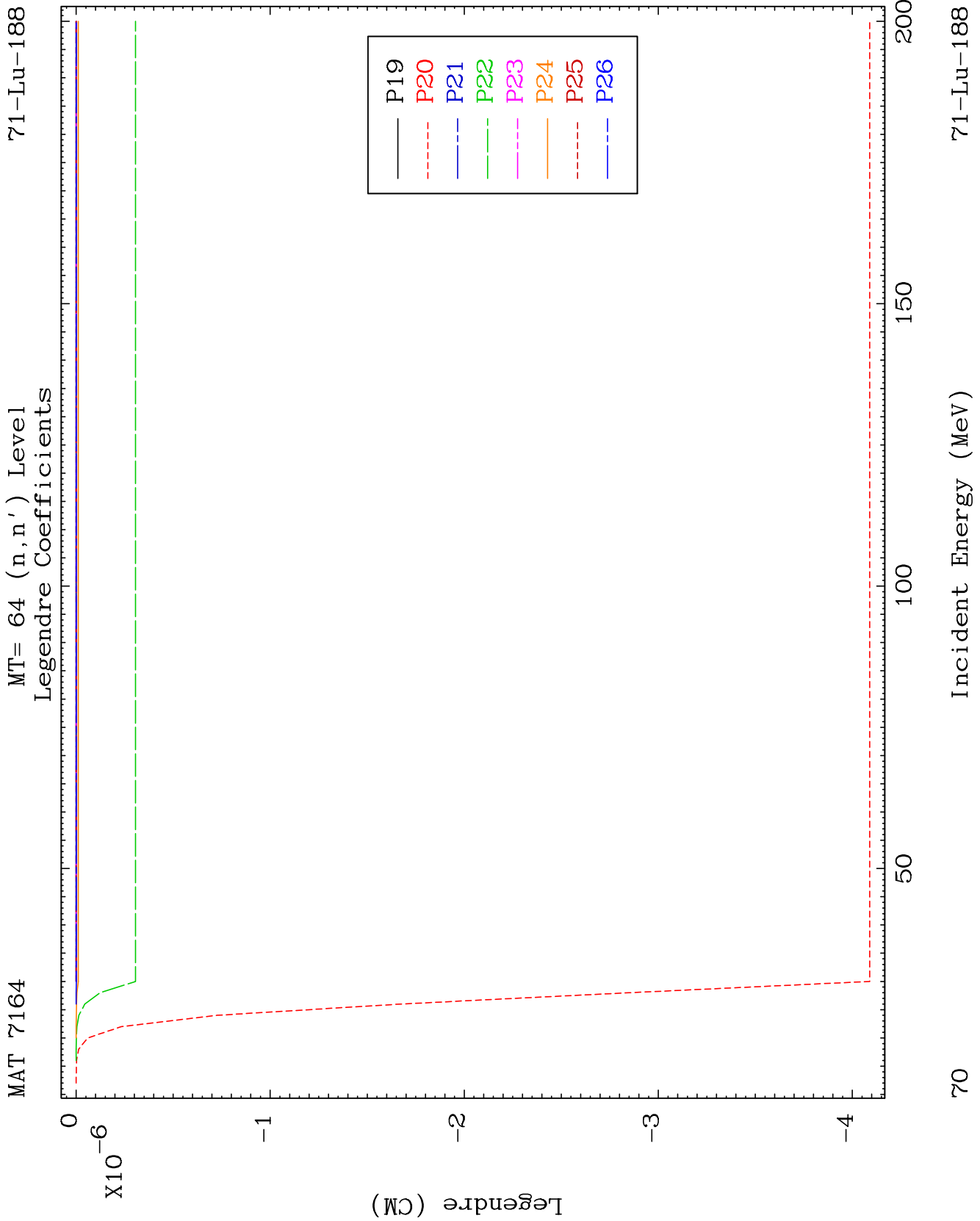
71-Lu-188

MAT 7164

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

71-Lu-188

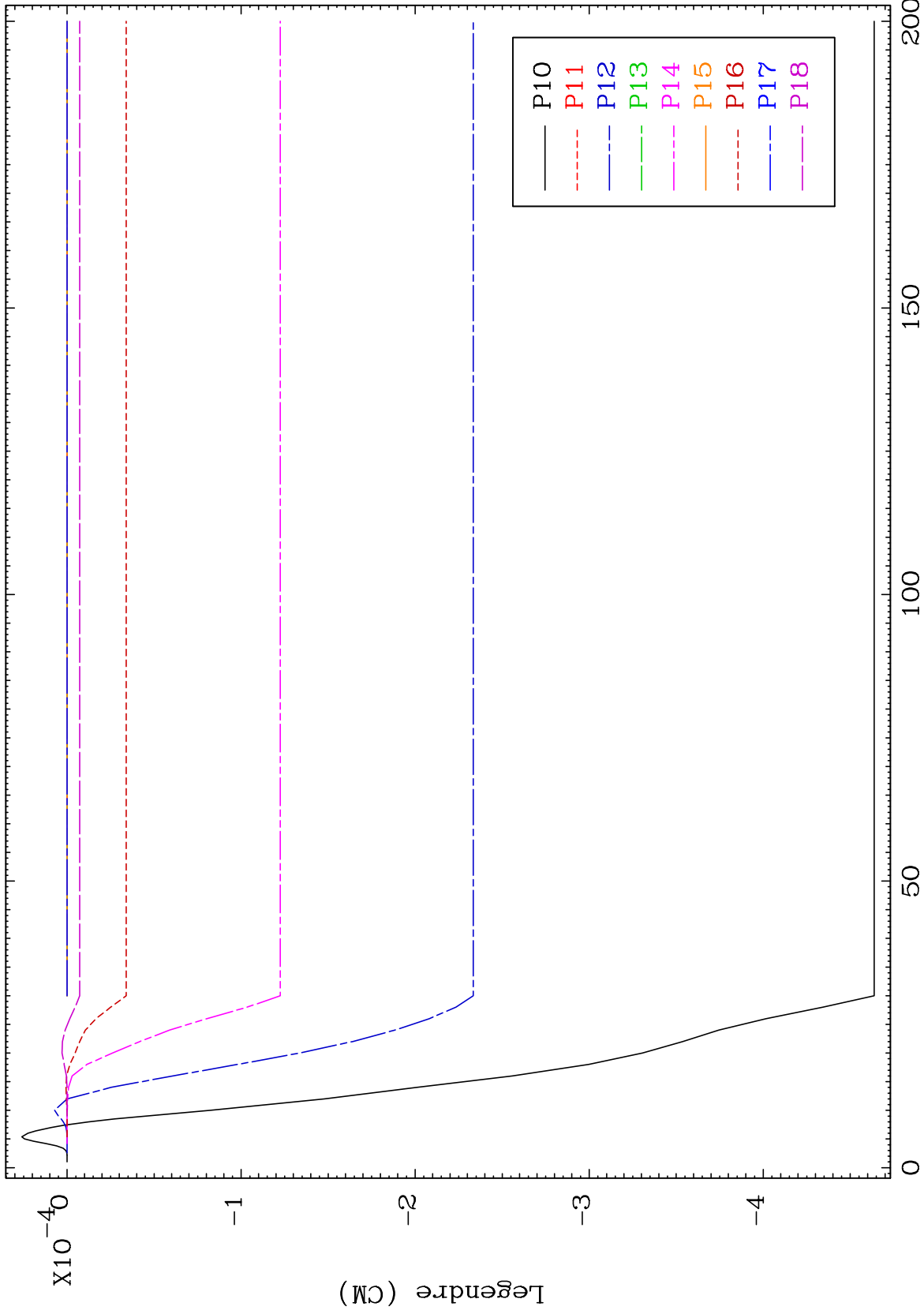




MAT 7164

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

71-Lu-188



72

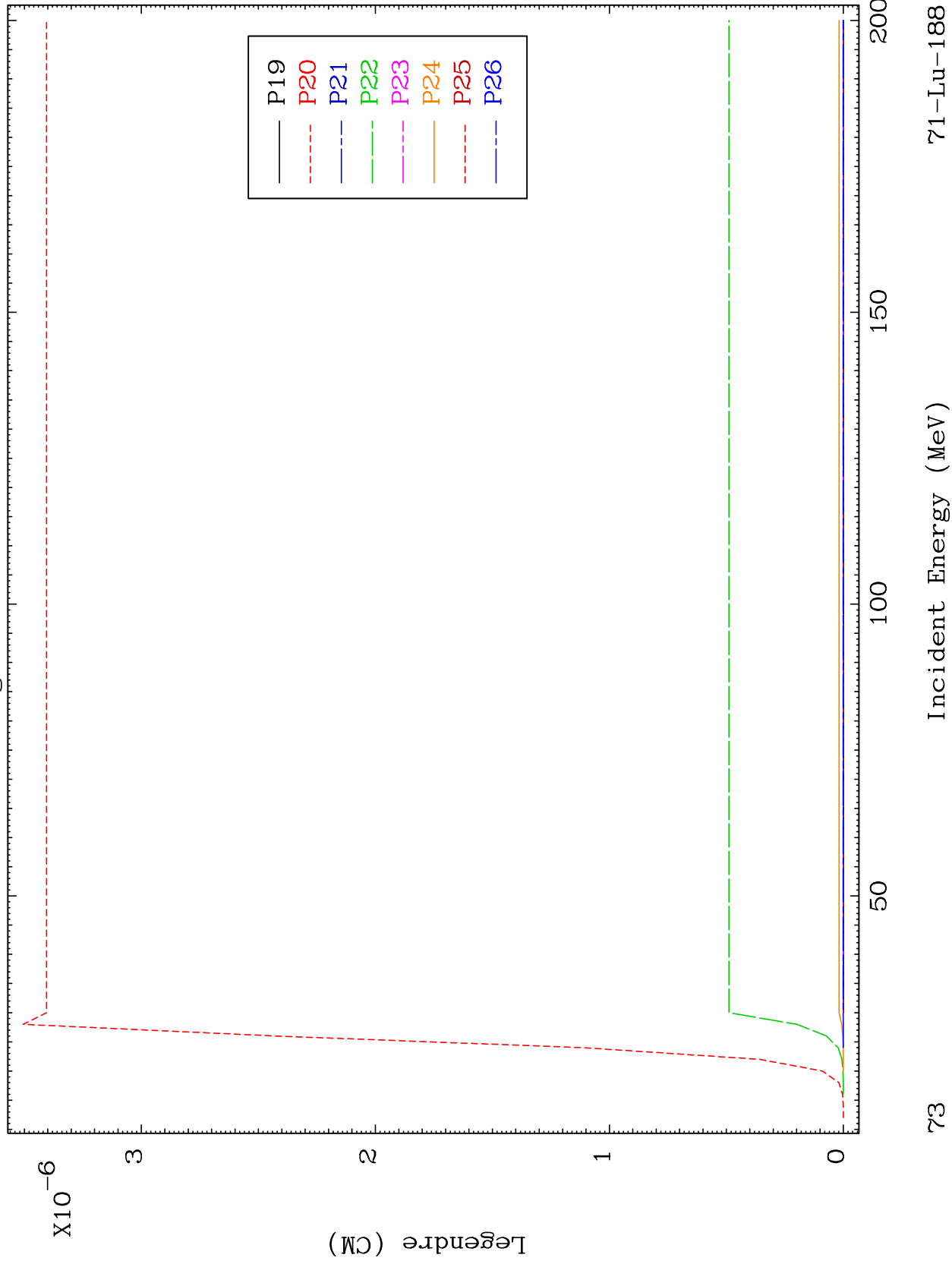
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188

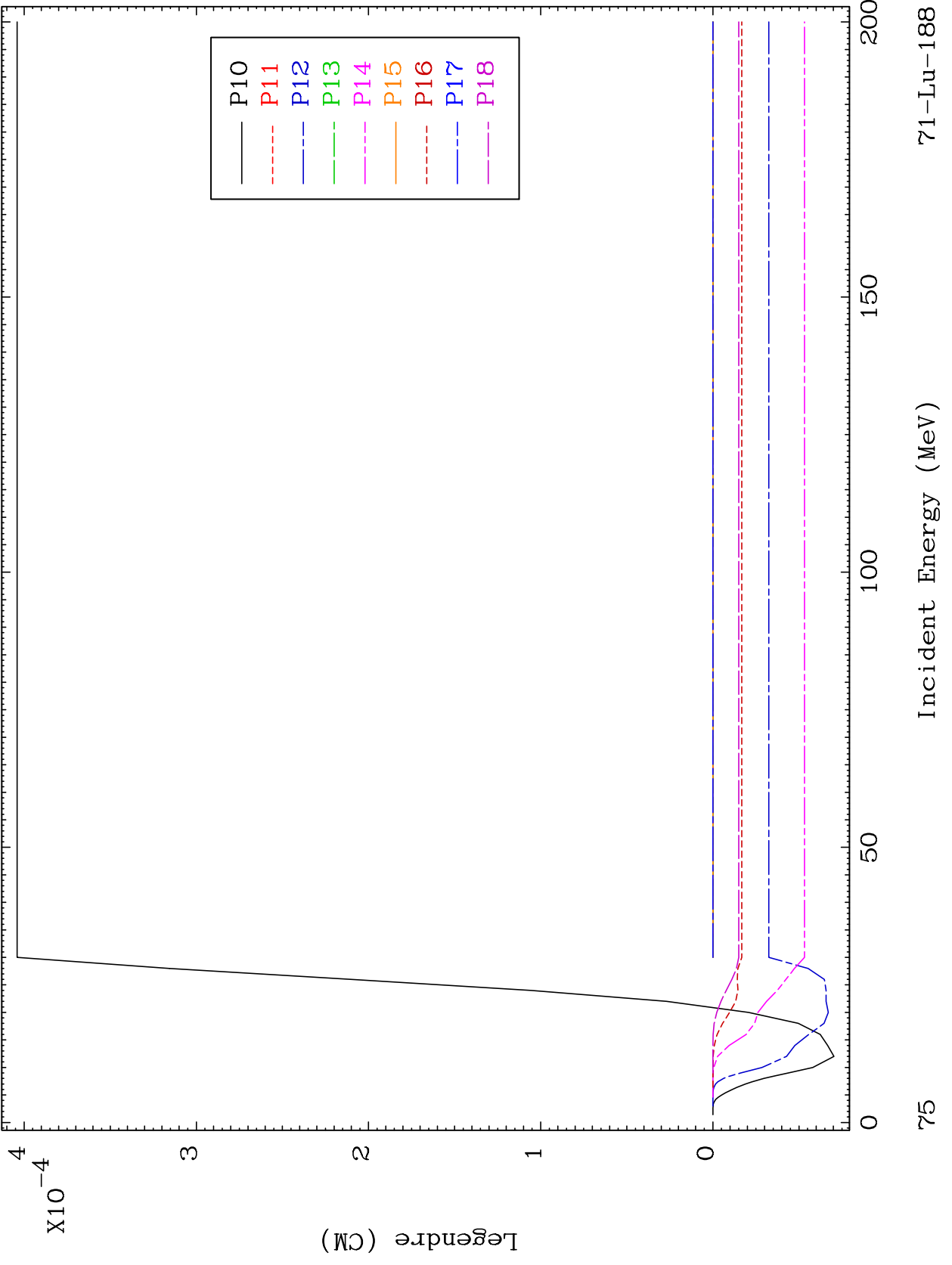


73

MAT 7164

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

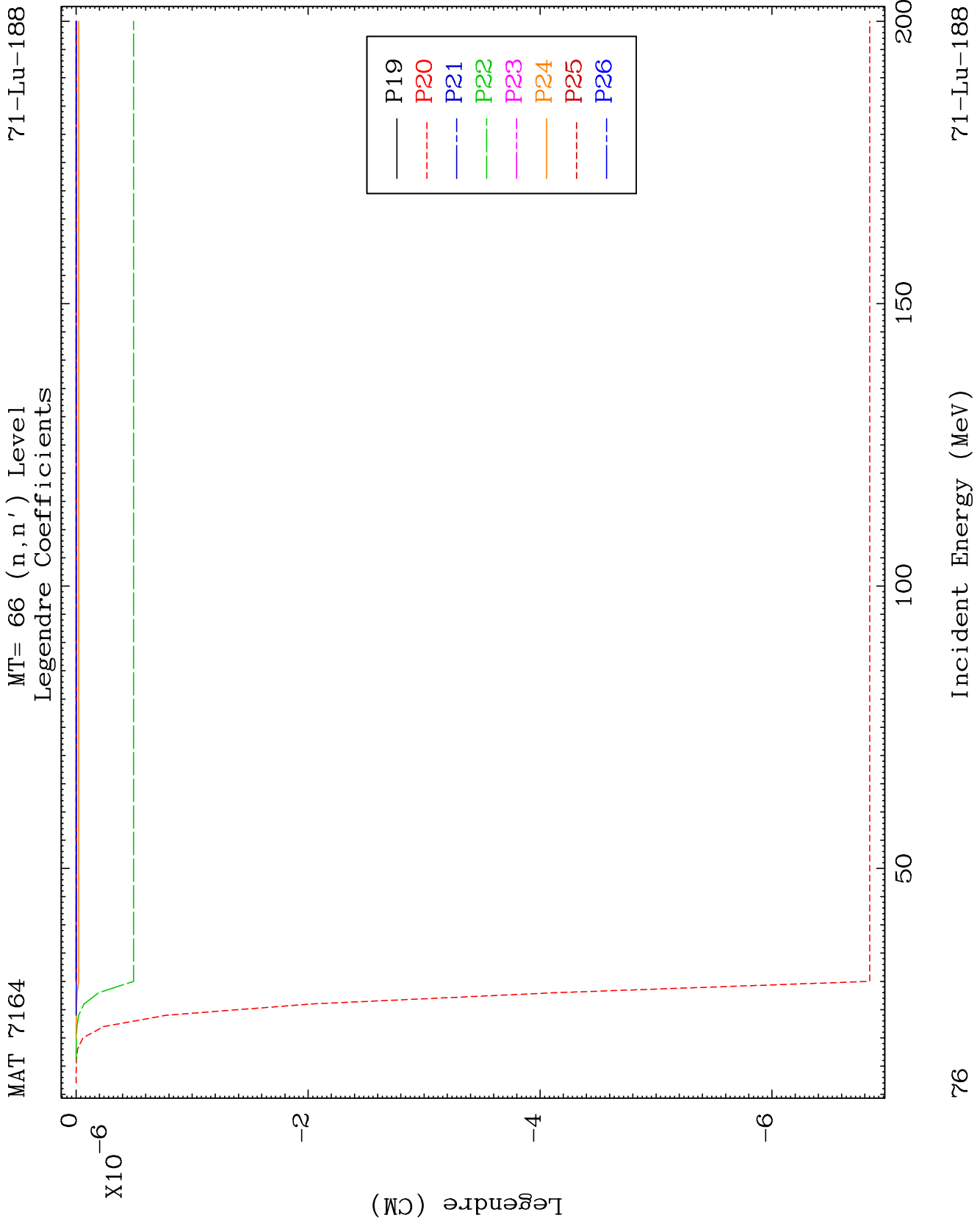
71-Lu-188



75

Incident Energy (MeV)

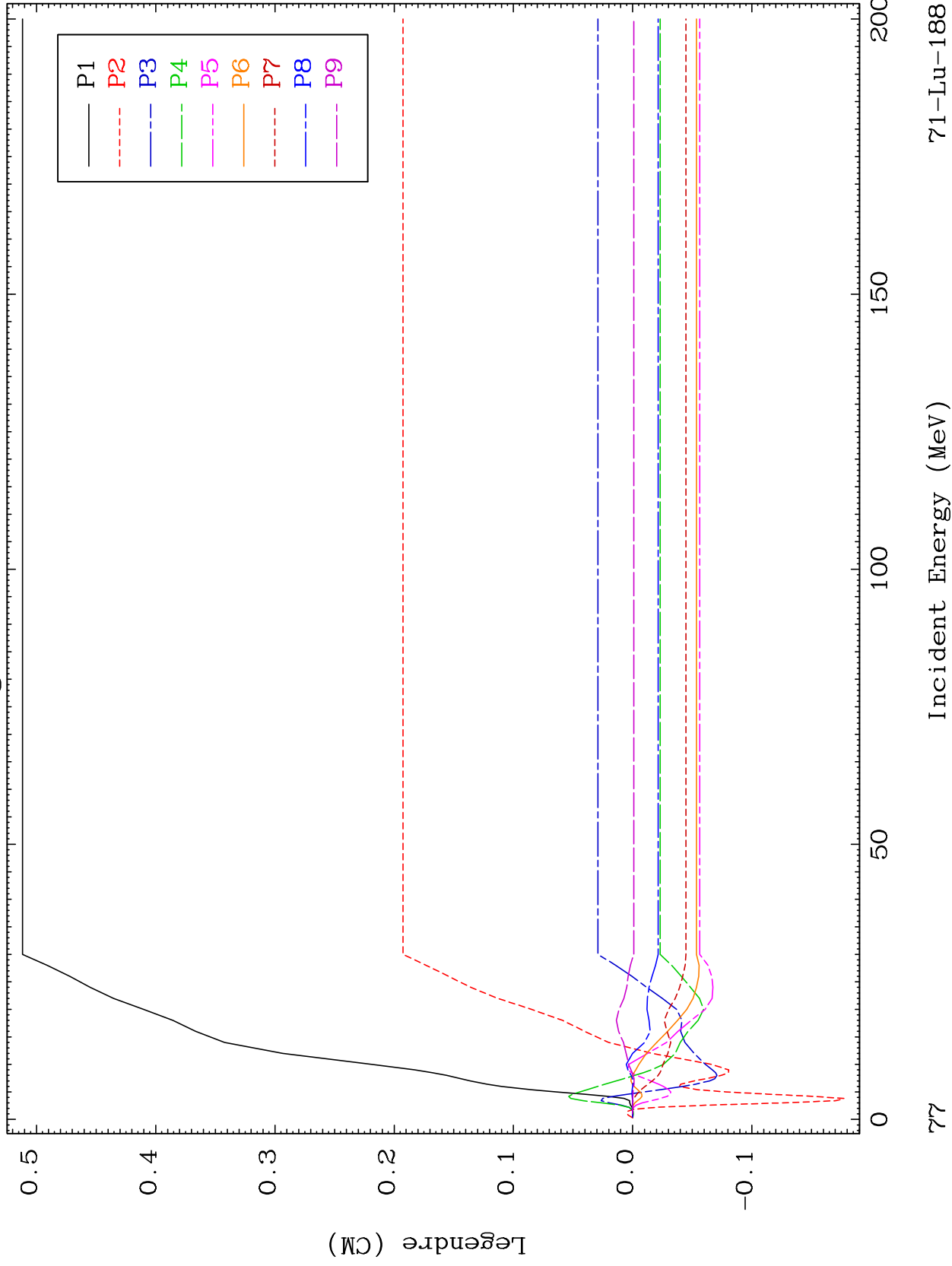
71-Lu-188



MAT 7164

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

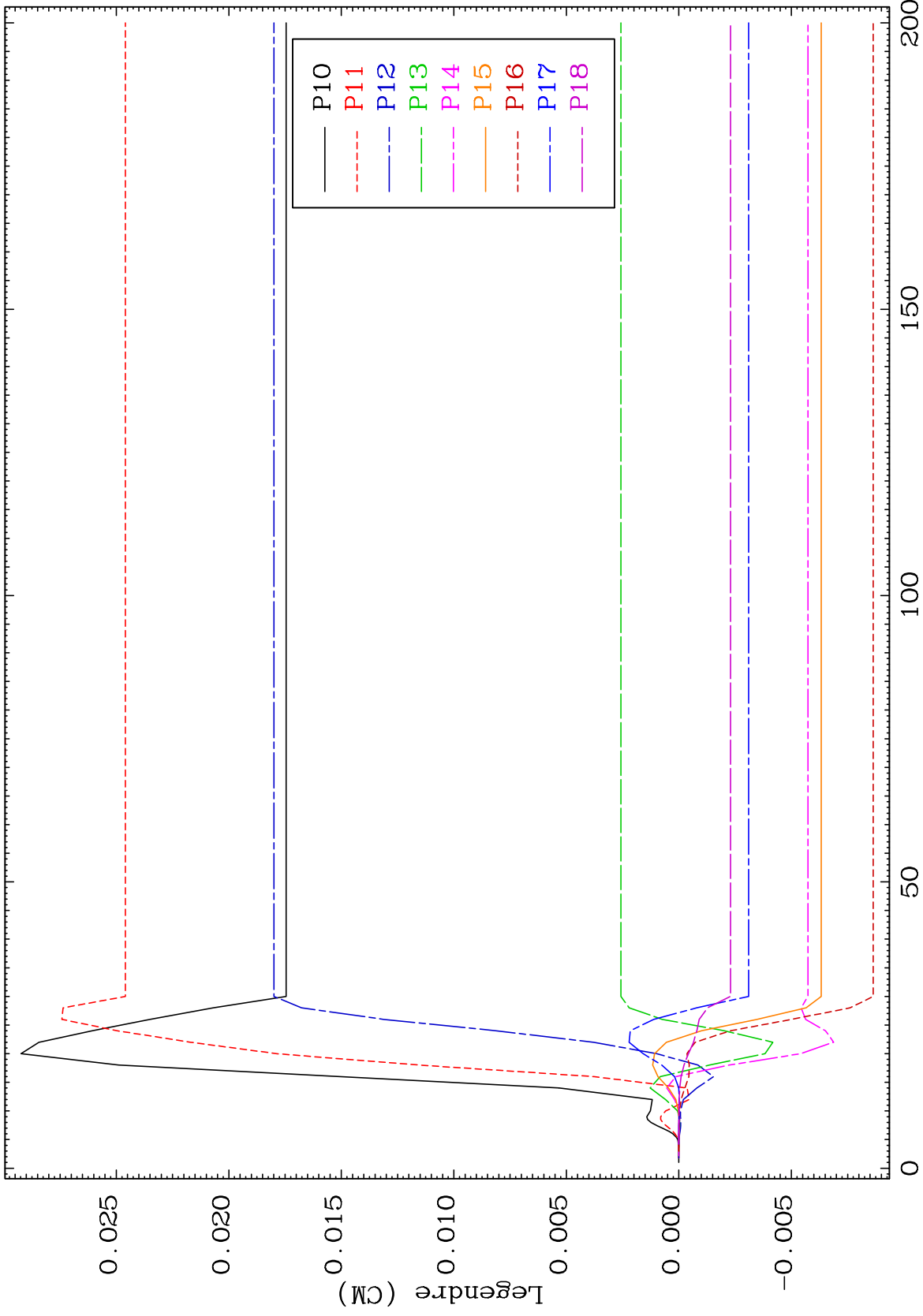
71-Lu-188



MAT 7164

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

71-Lu-188



78

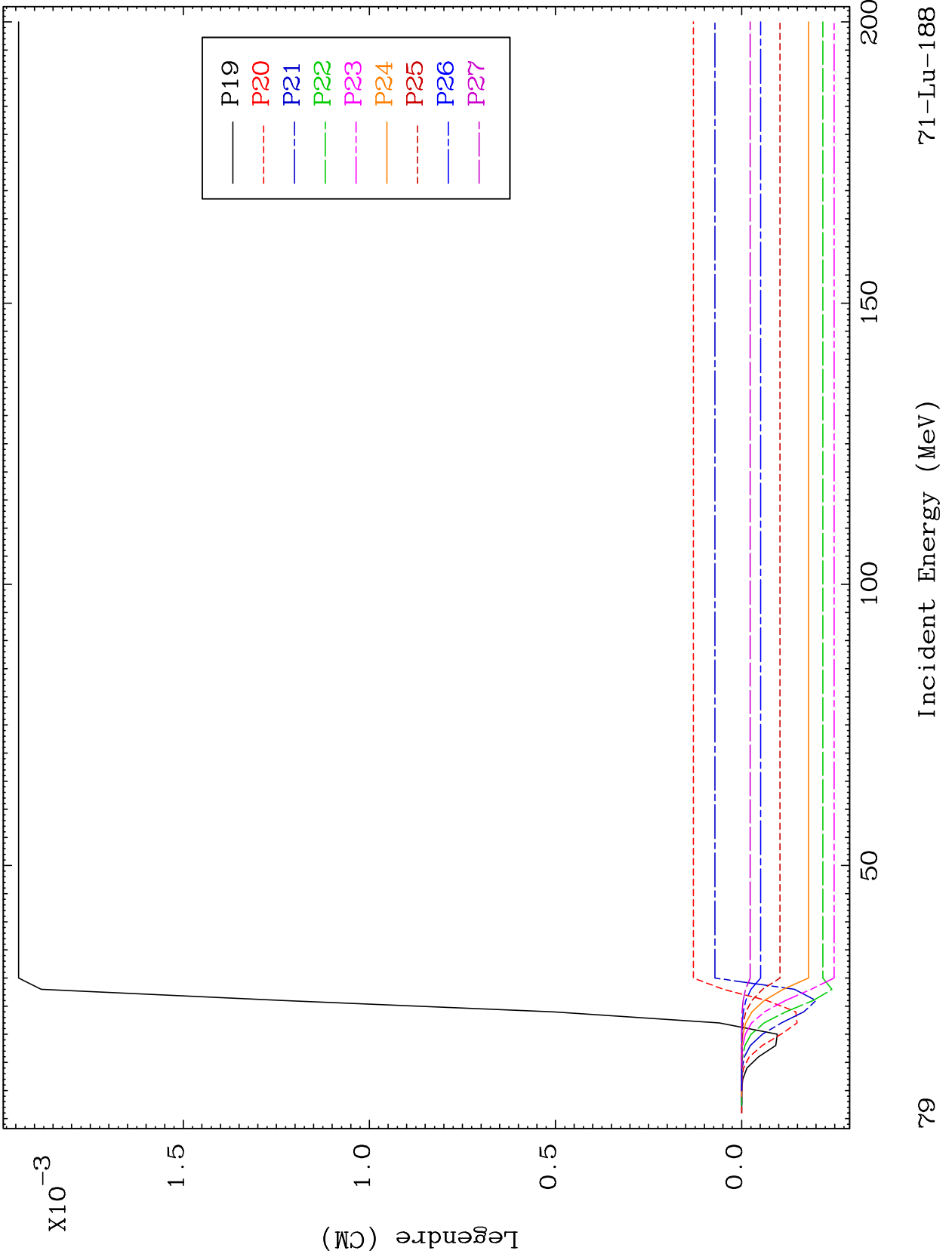
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

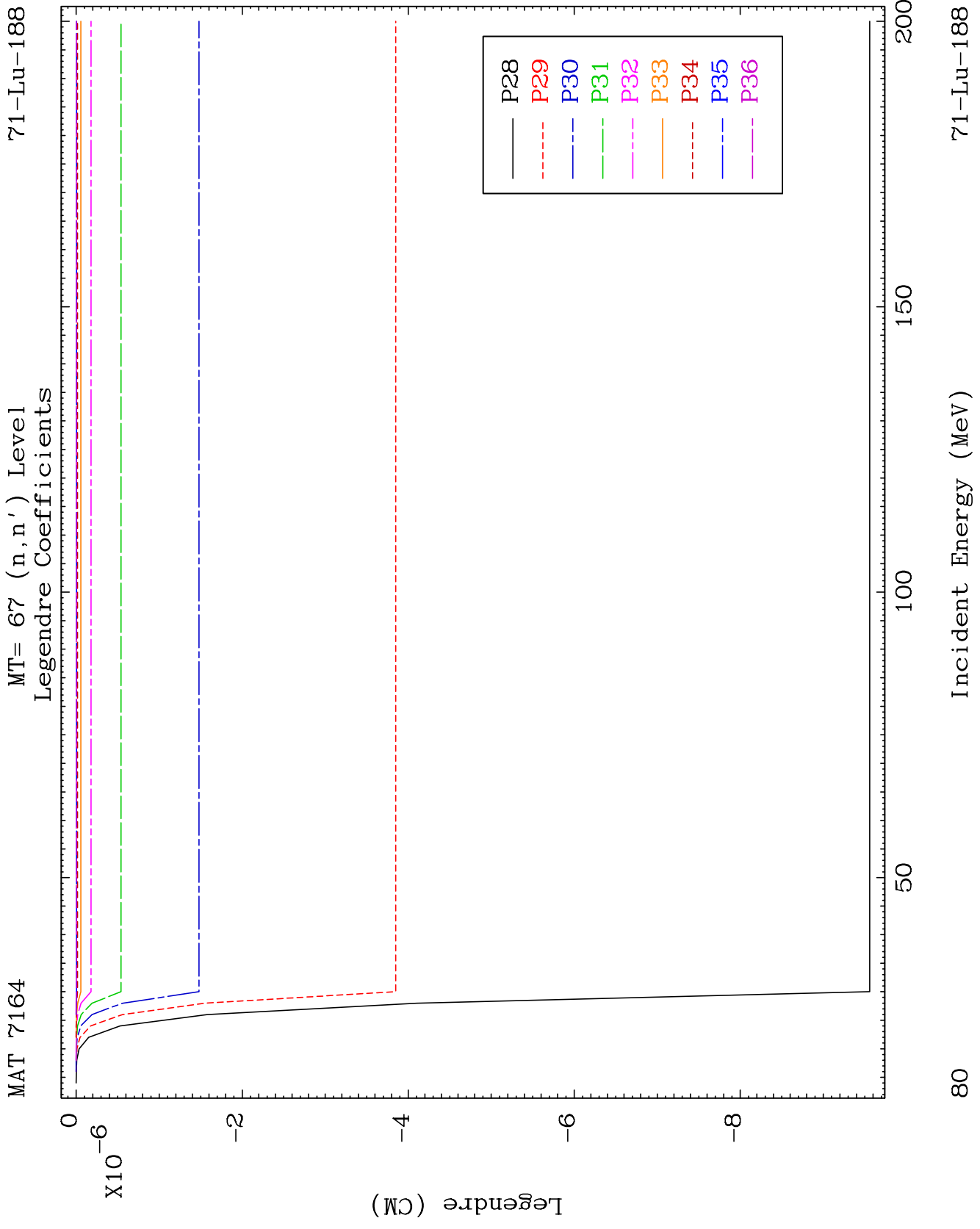
71-Lu-188

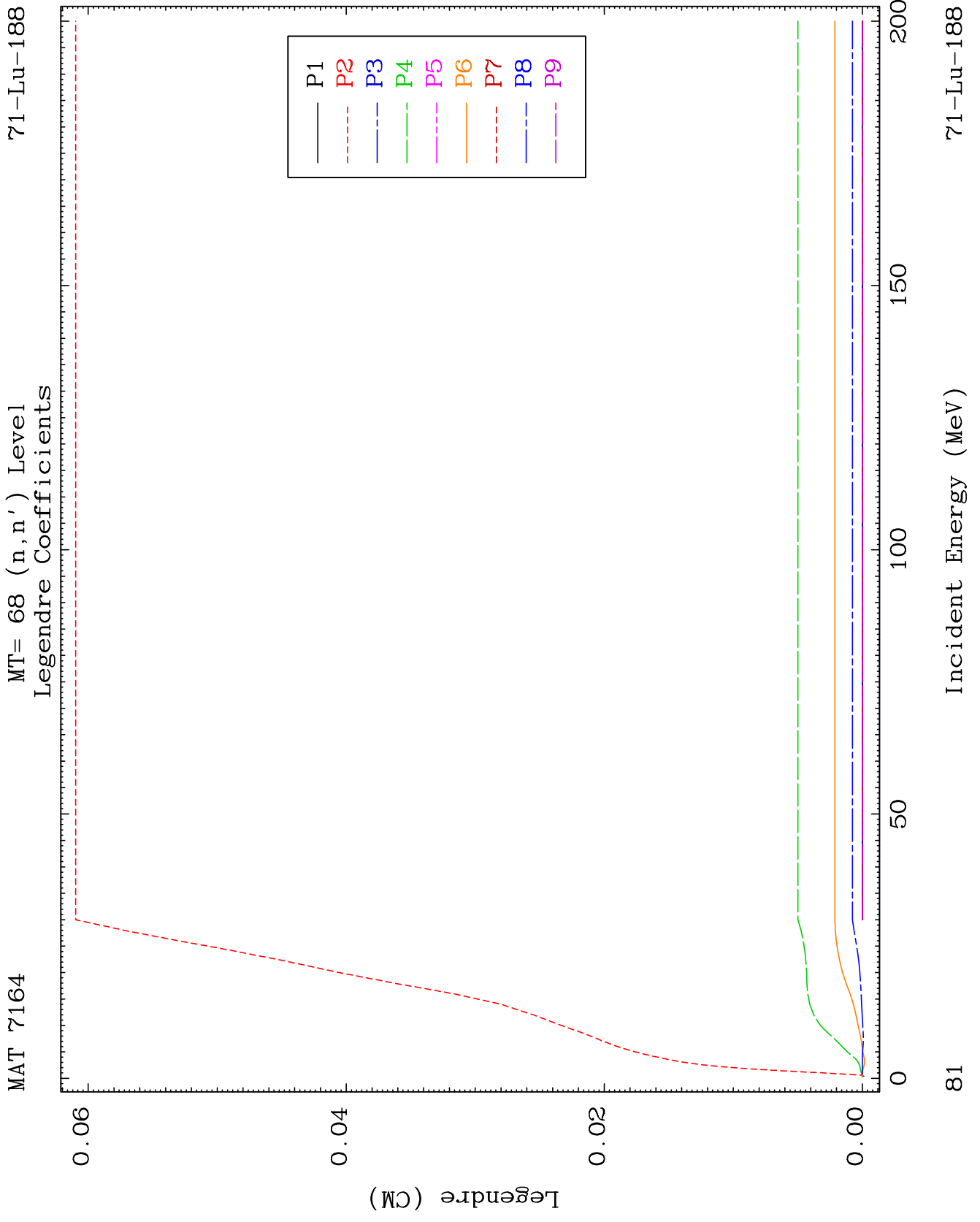


79

Incident Energy (MeV)

71-Lu-188

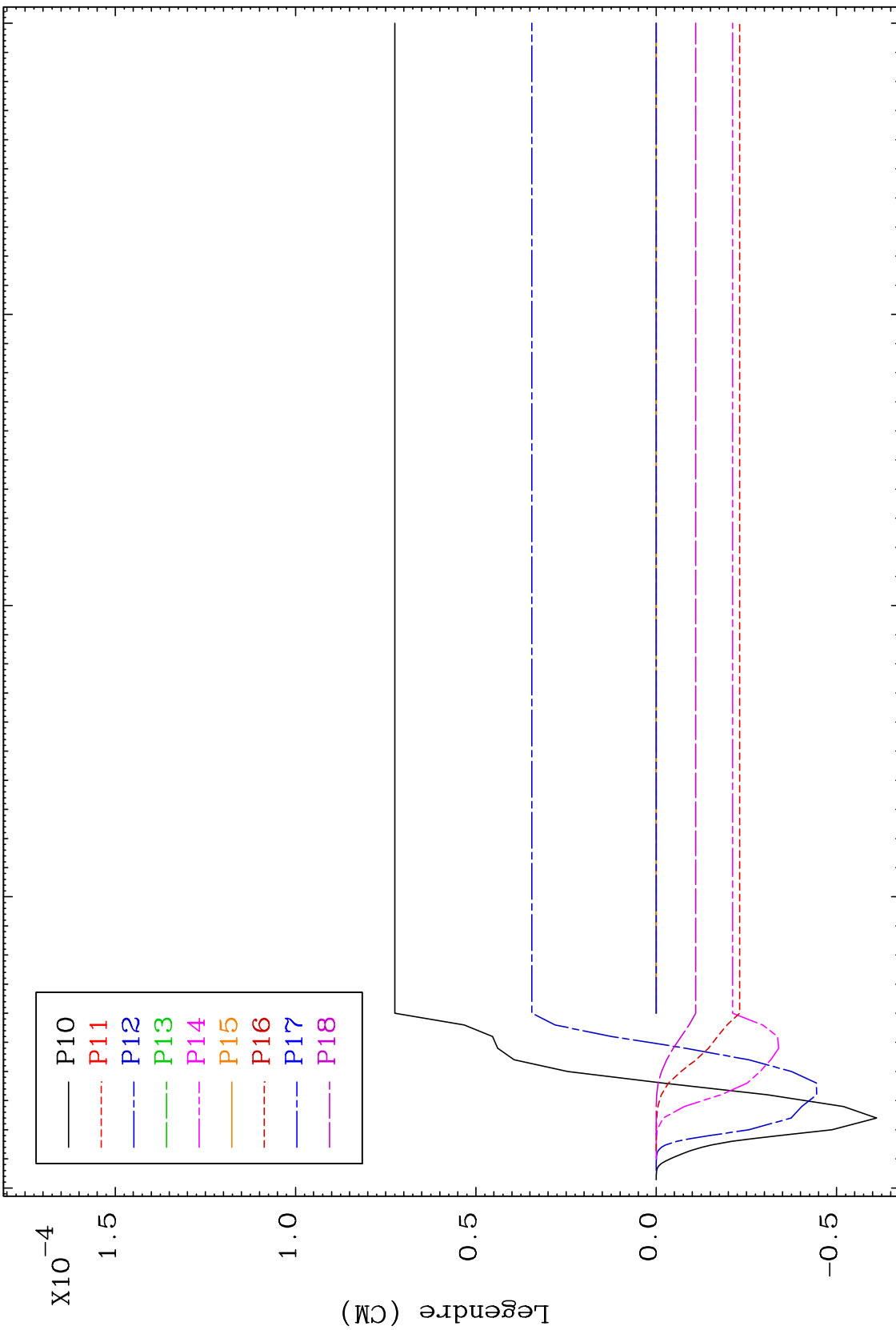
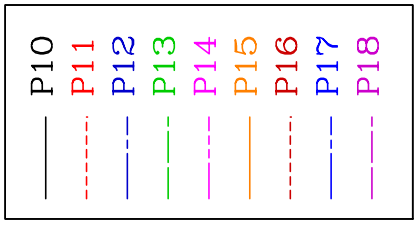




MAT 7164

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

71-Lu-188



0 50 100 150 200

82

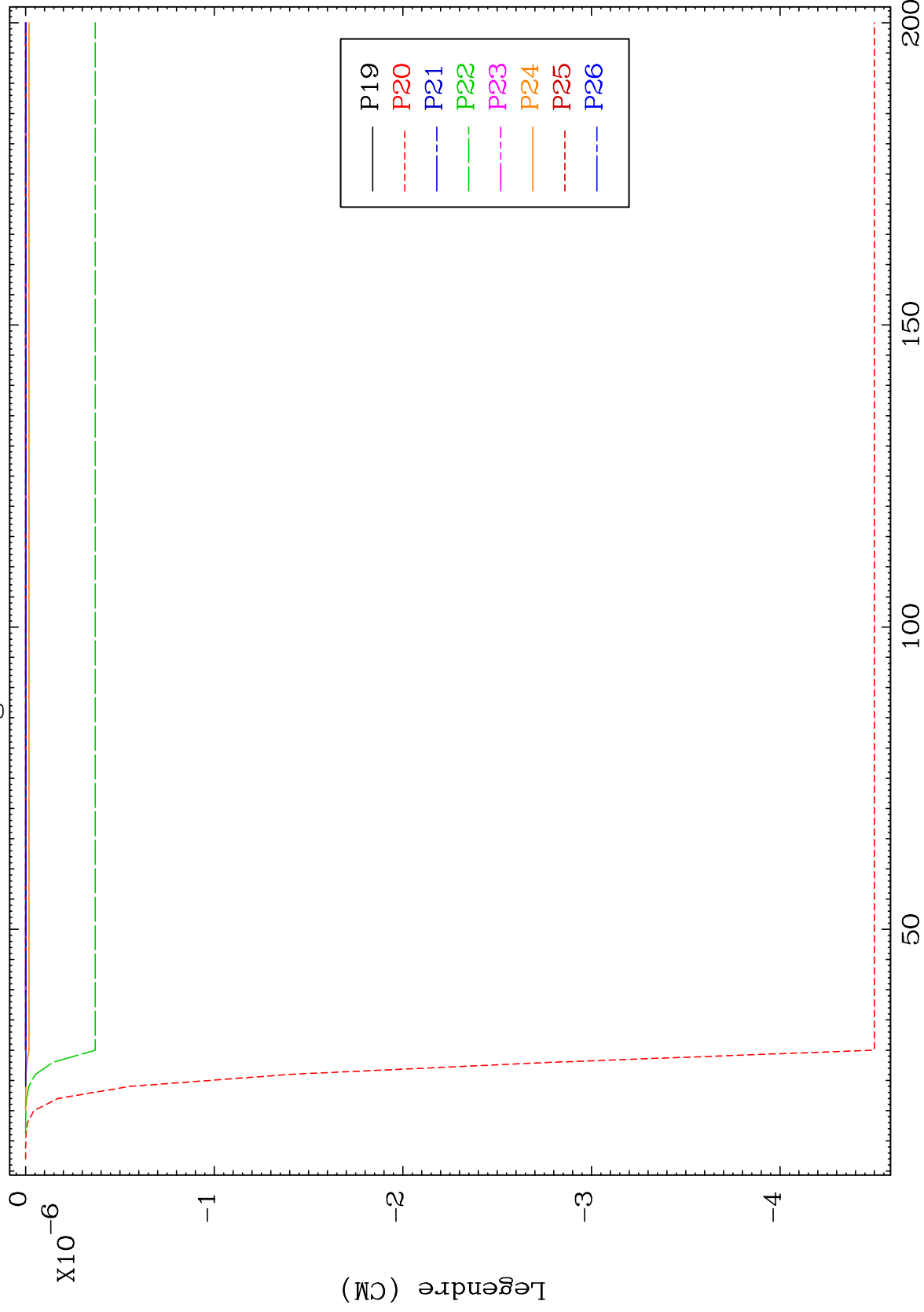
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



83

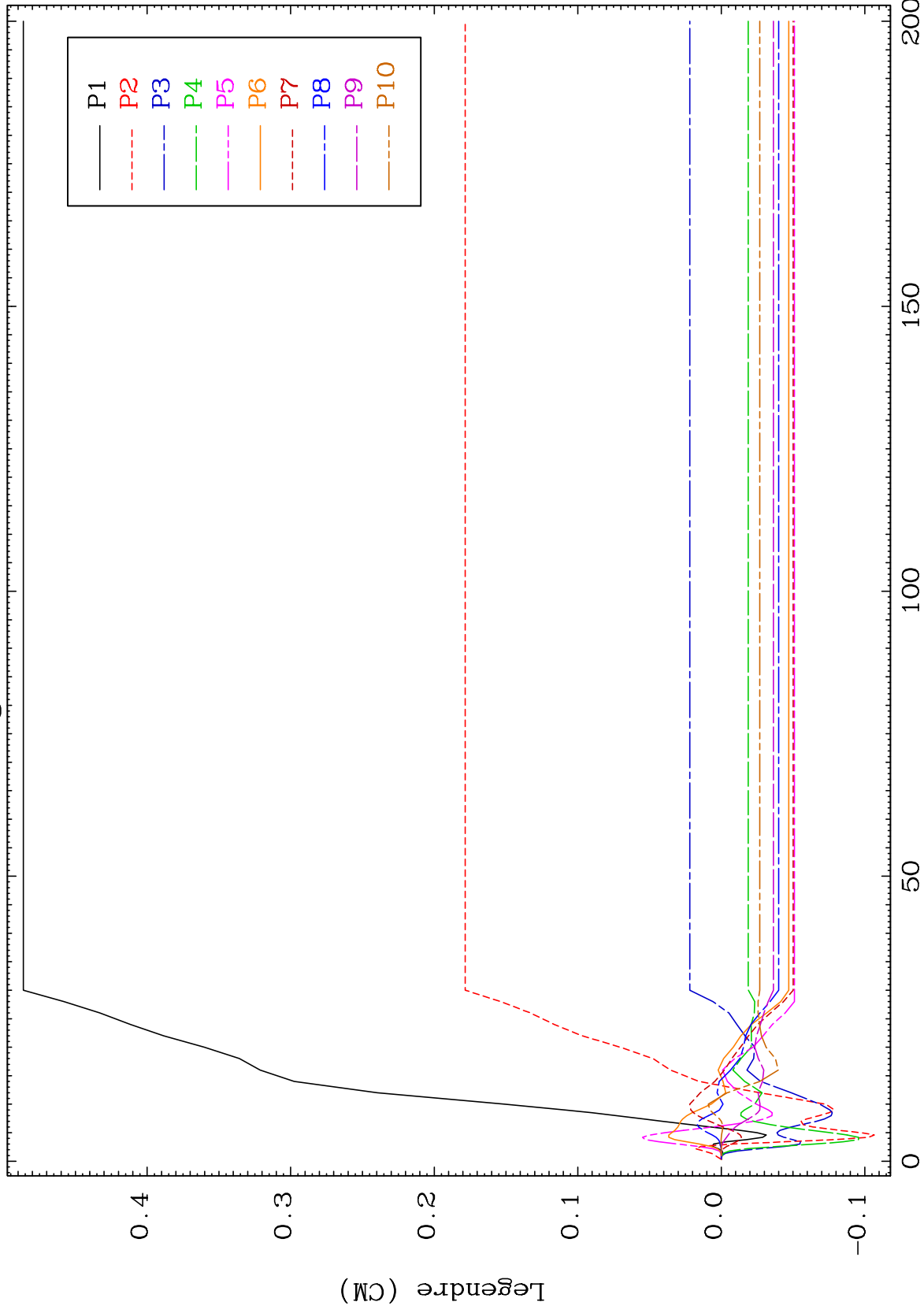
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



84

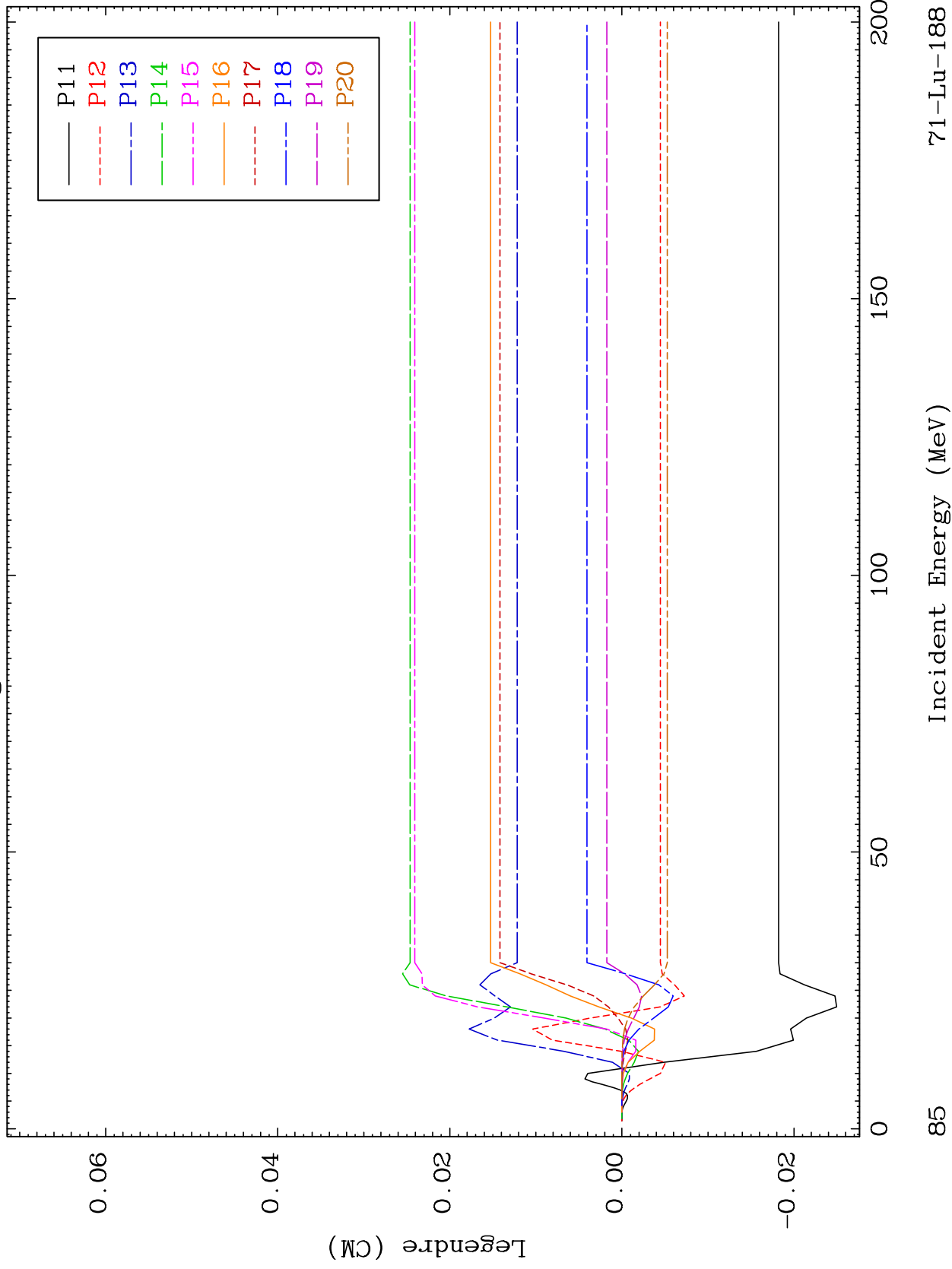
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



71-Lu-188

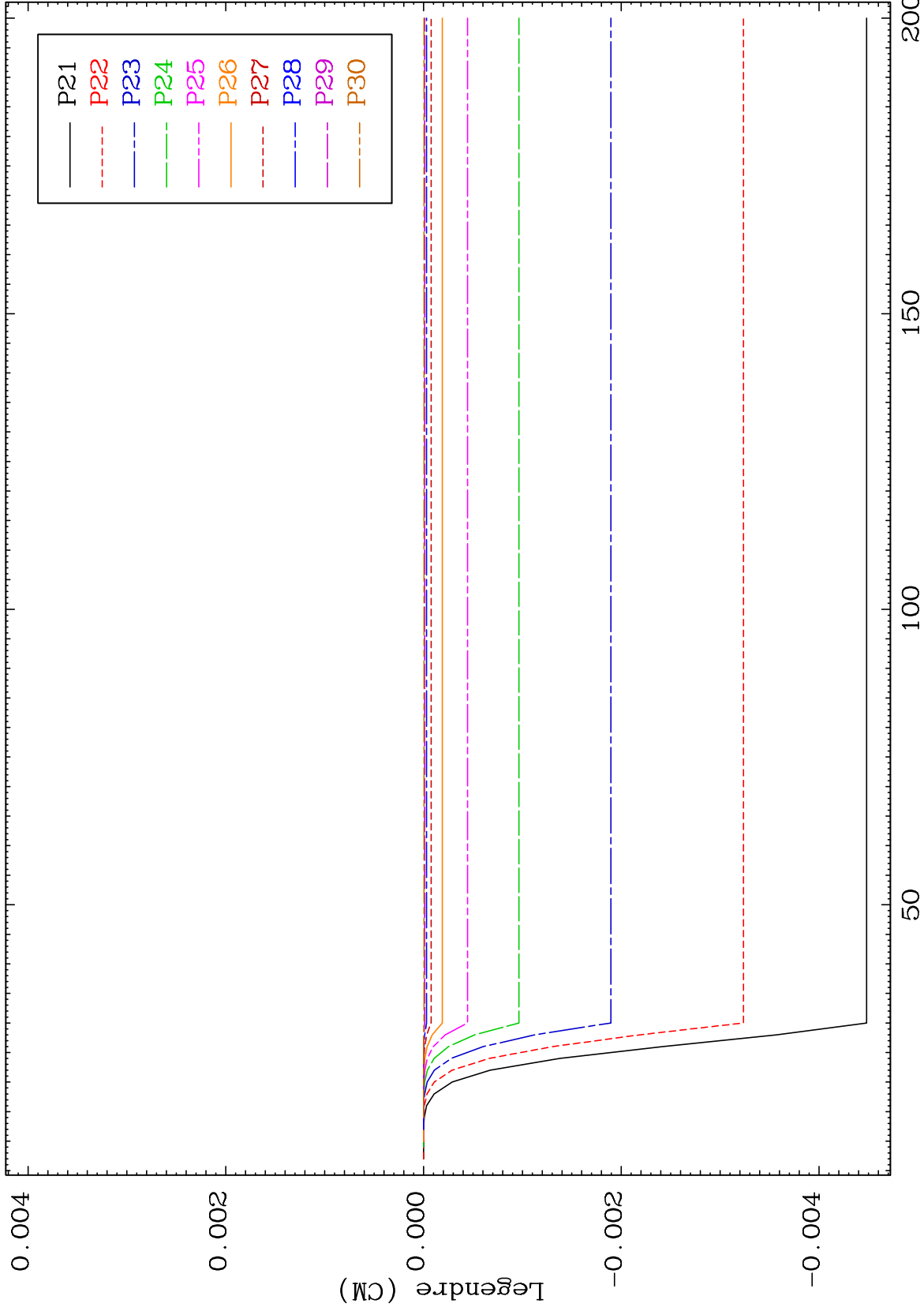
Incident Energy (MeV)

85

MAT 7164

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

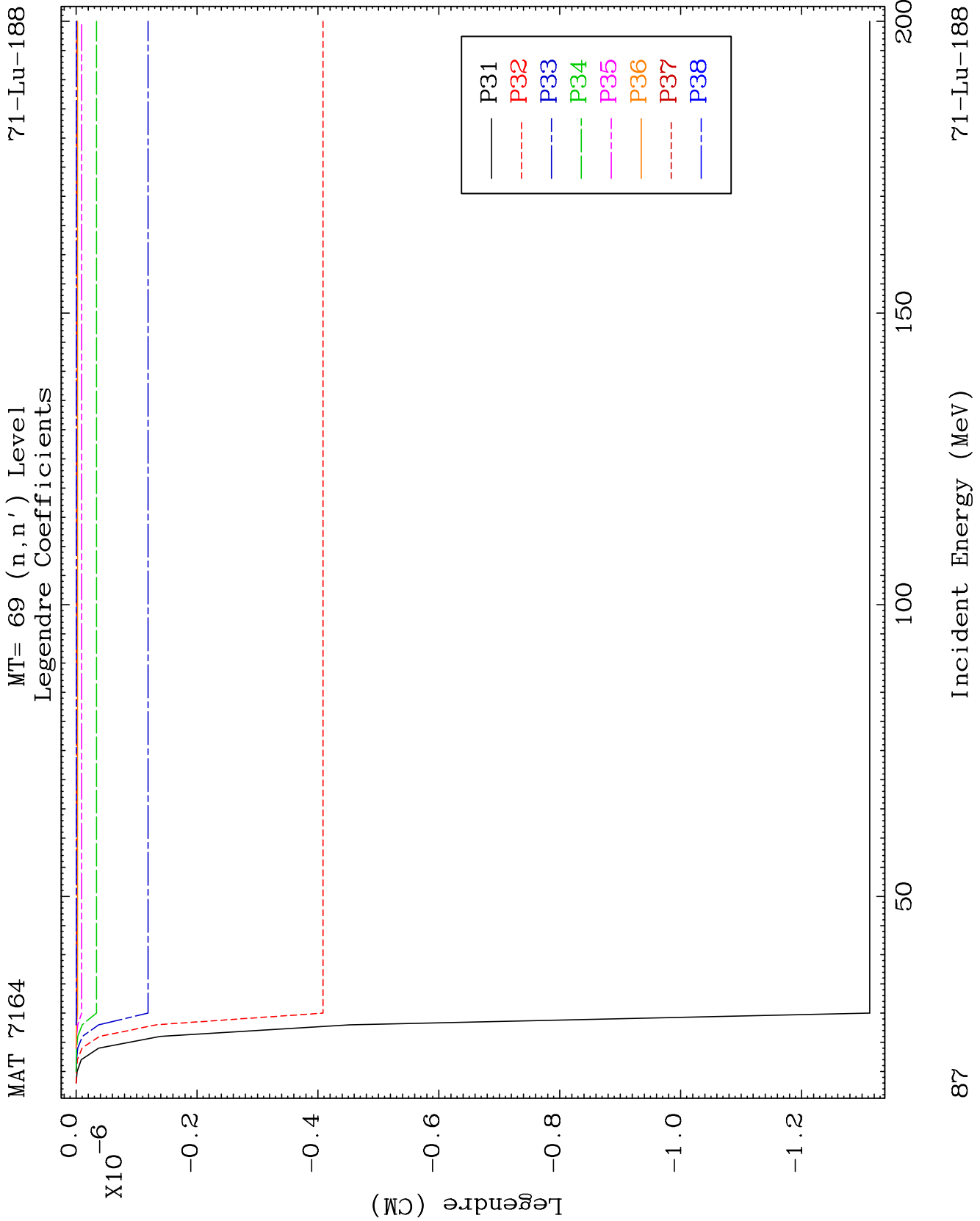
71-Lu-188



86

Incident Energy (MeV)

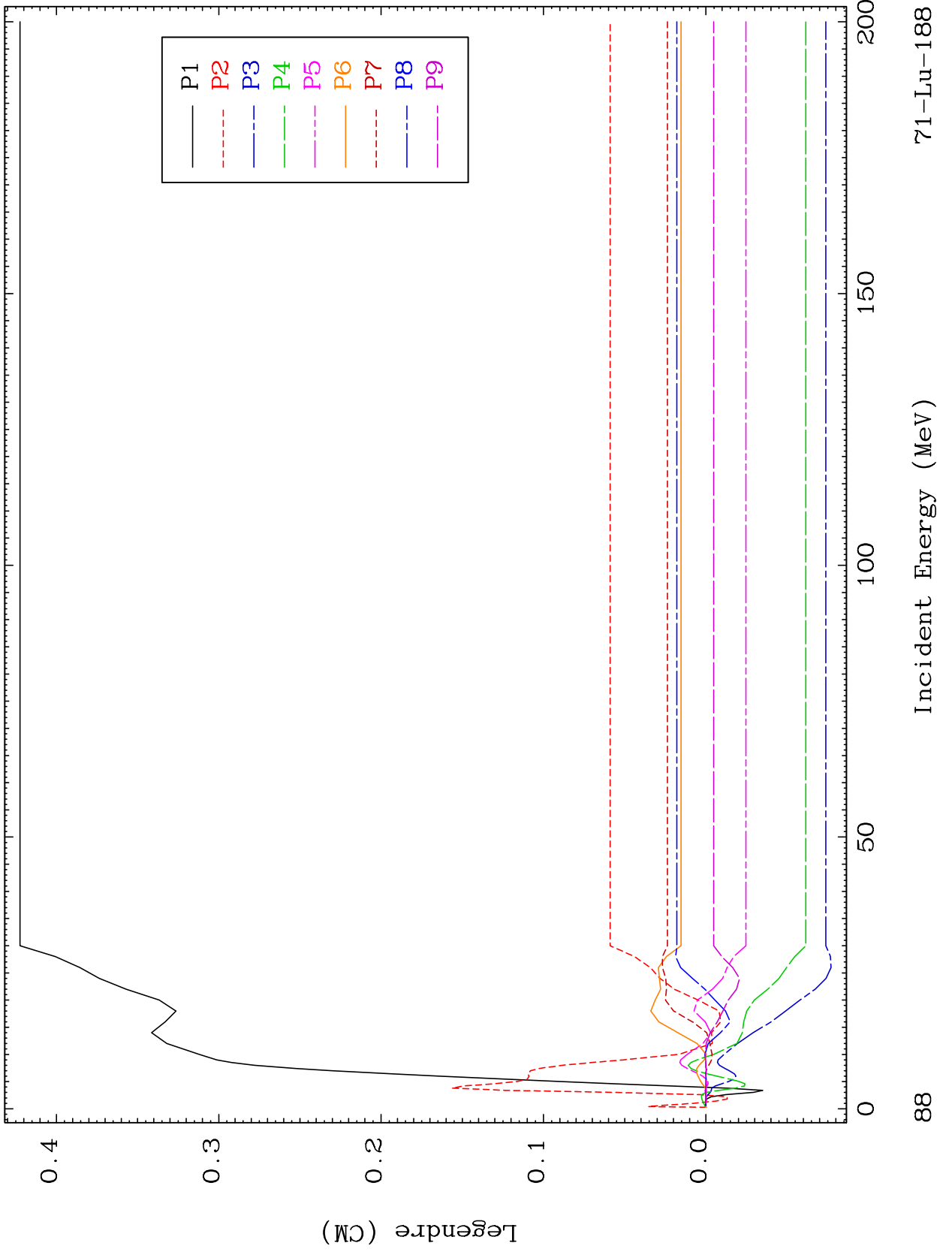
71-Lu-188



MAT 7164

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

71-Lu-188



88

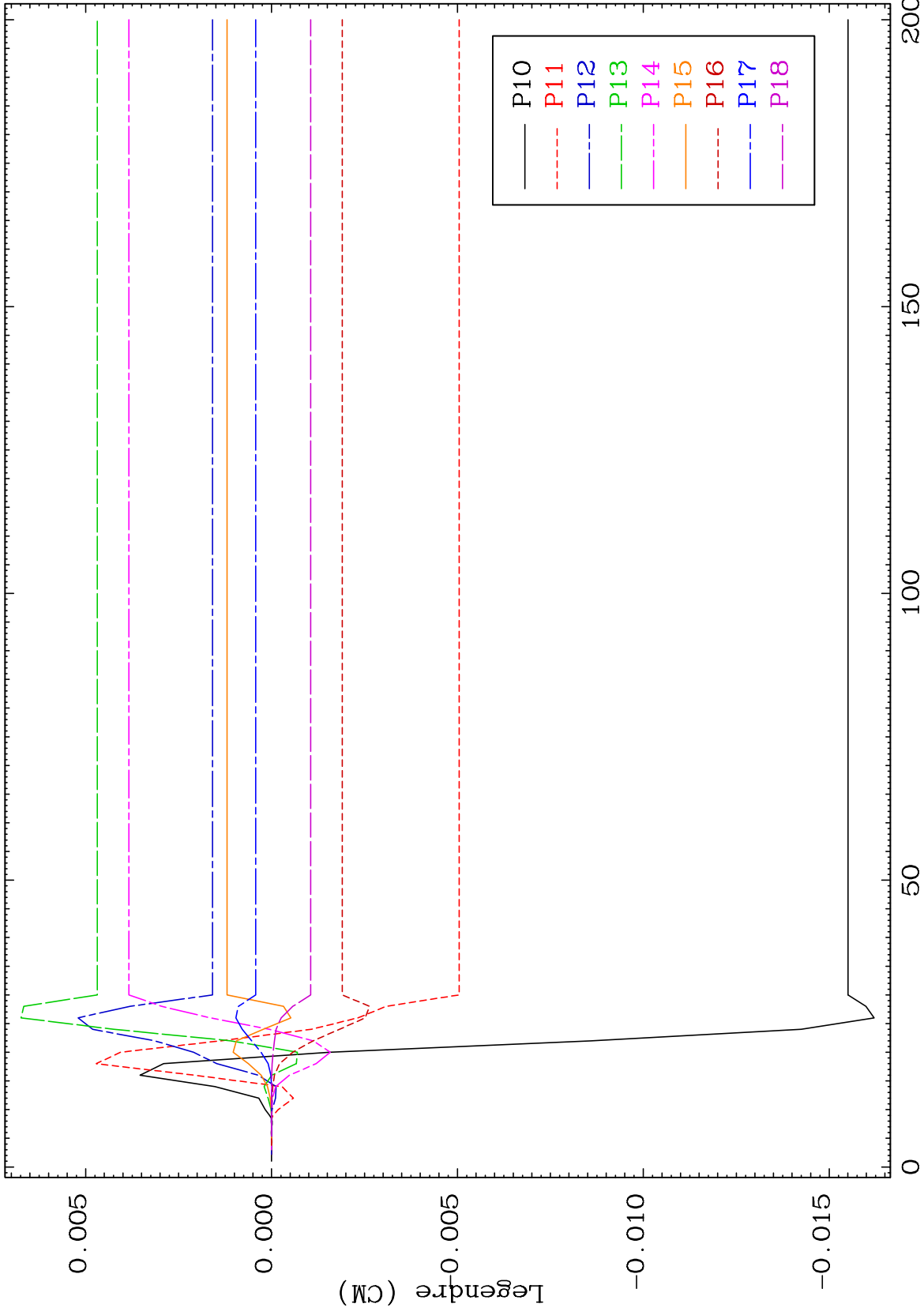
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



89

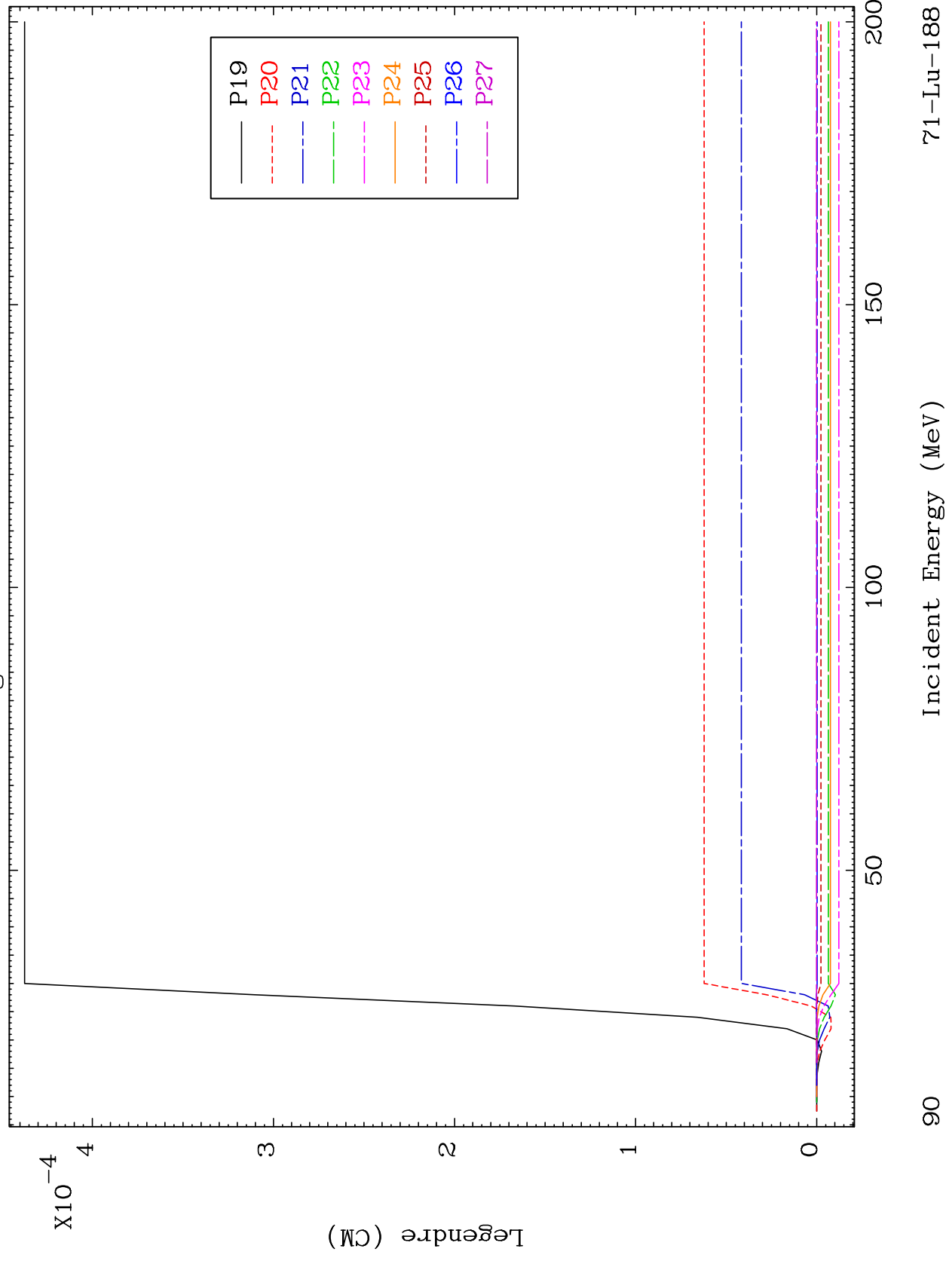
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

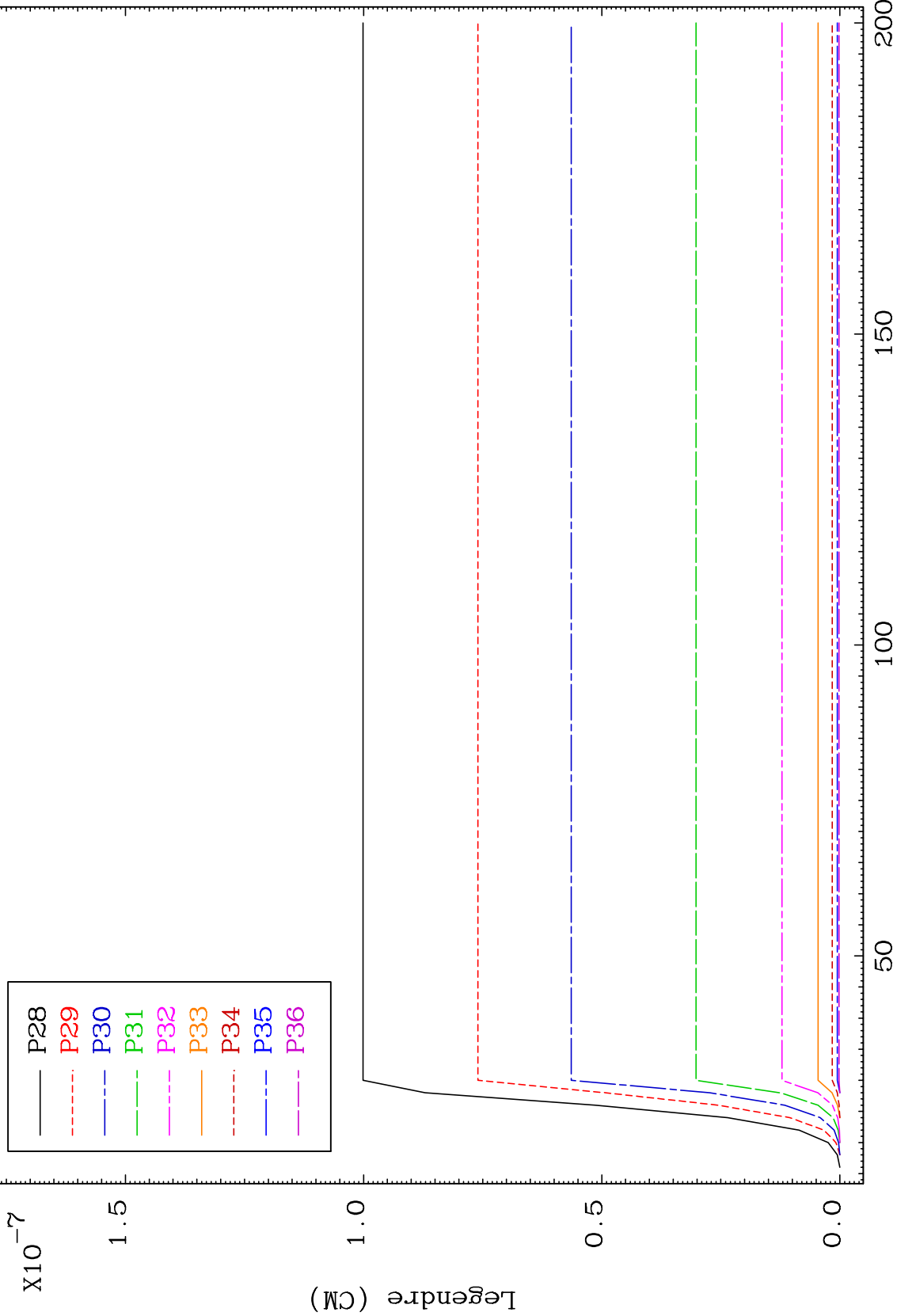
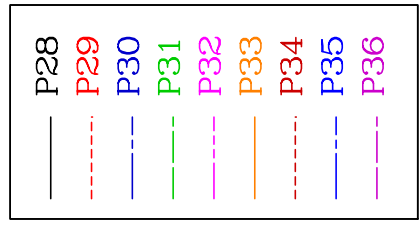
71-Lu-188



MAT 7164

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

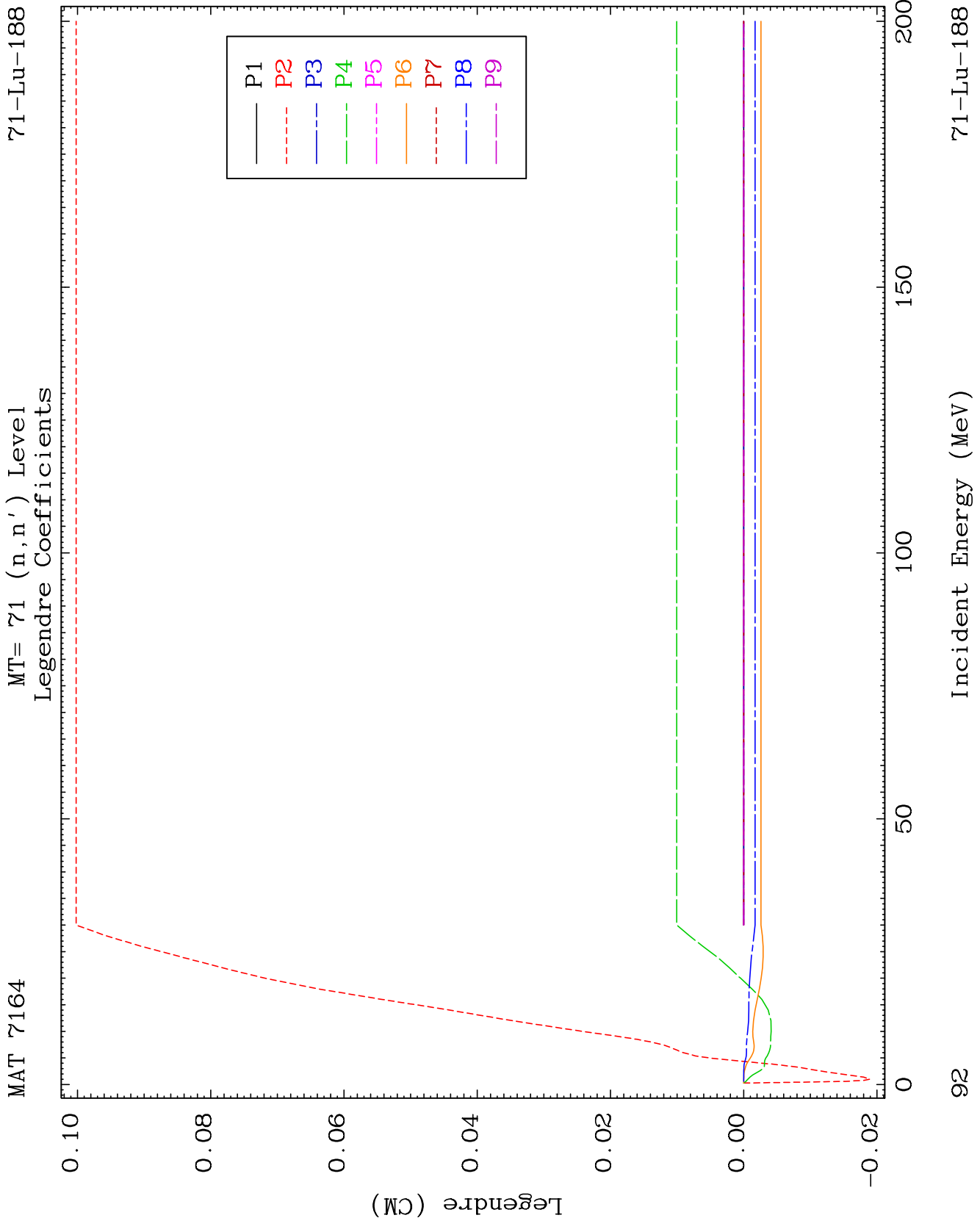
71-Lu-188



91

Incident Energy (MeV)

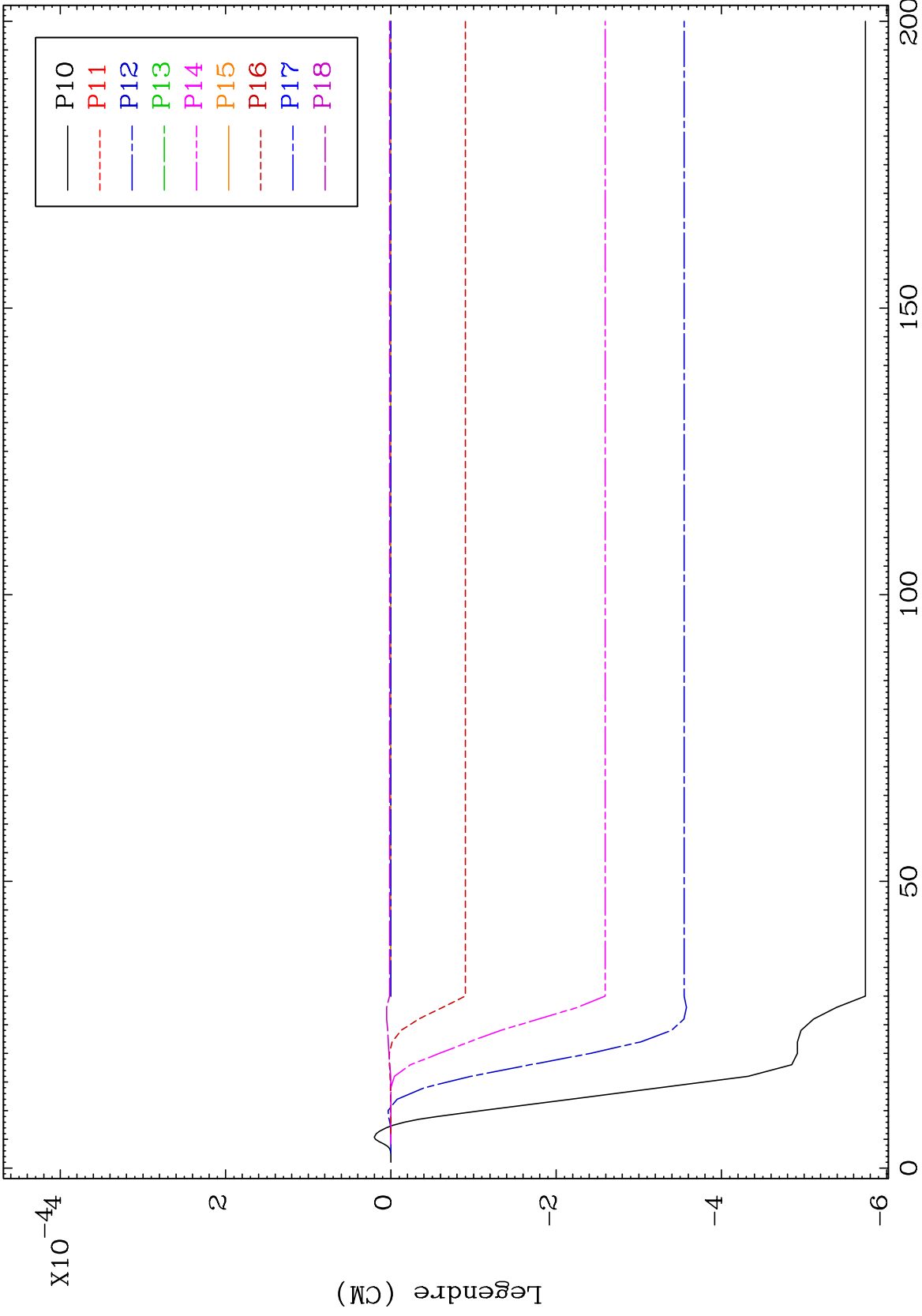
71-Lu-188



MAT 7164

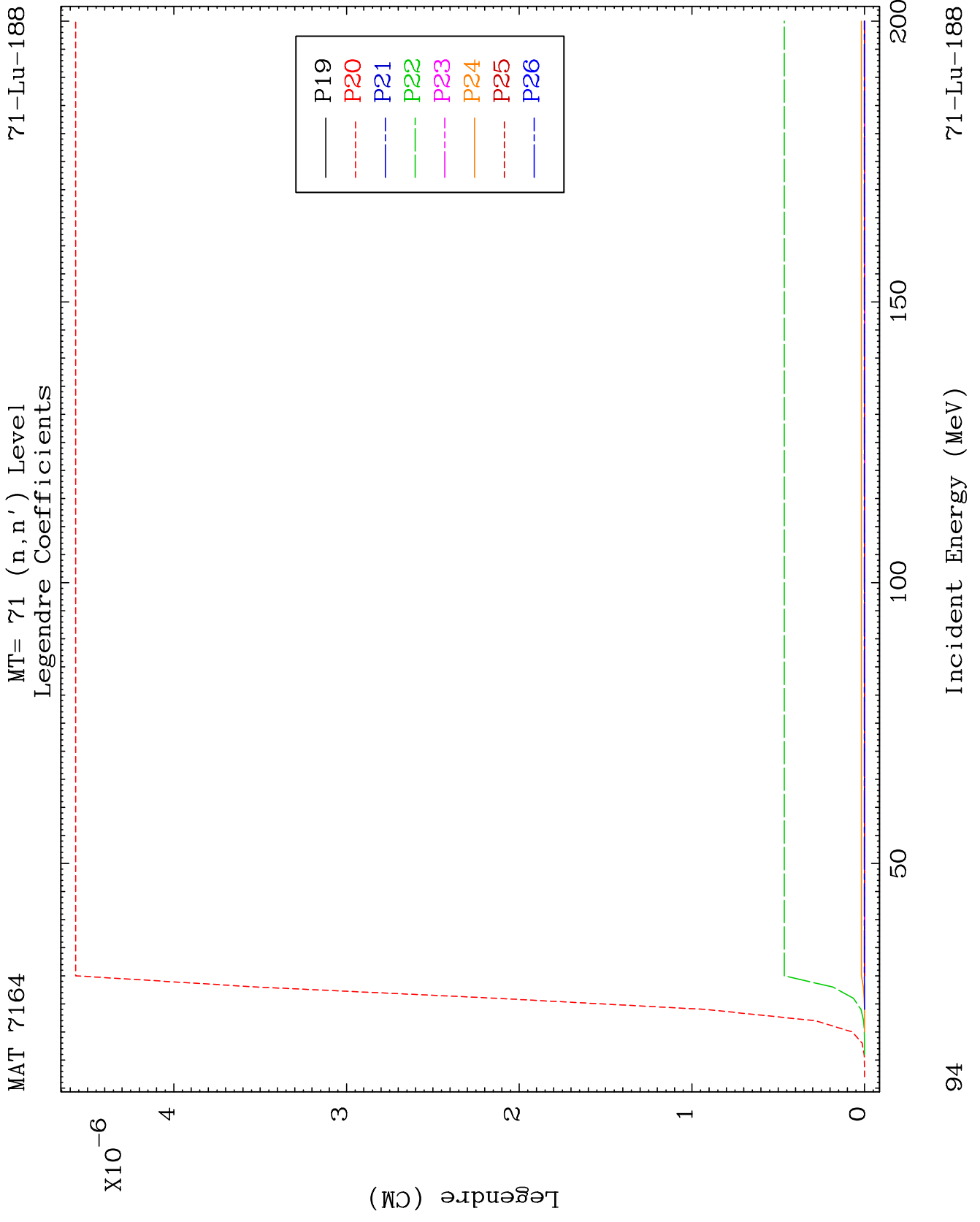
MT= 71 (n,n') Level
Legendre Coefficients

71-Lu-188



93

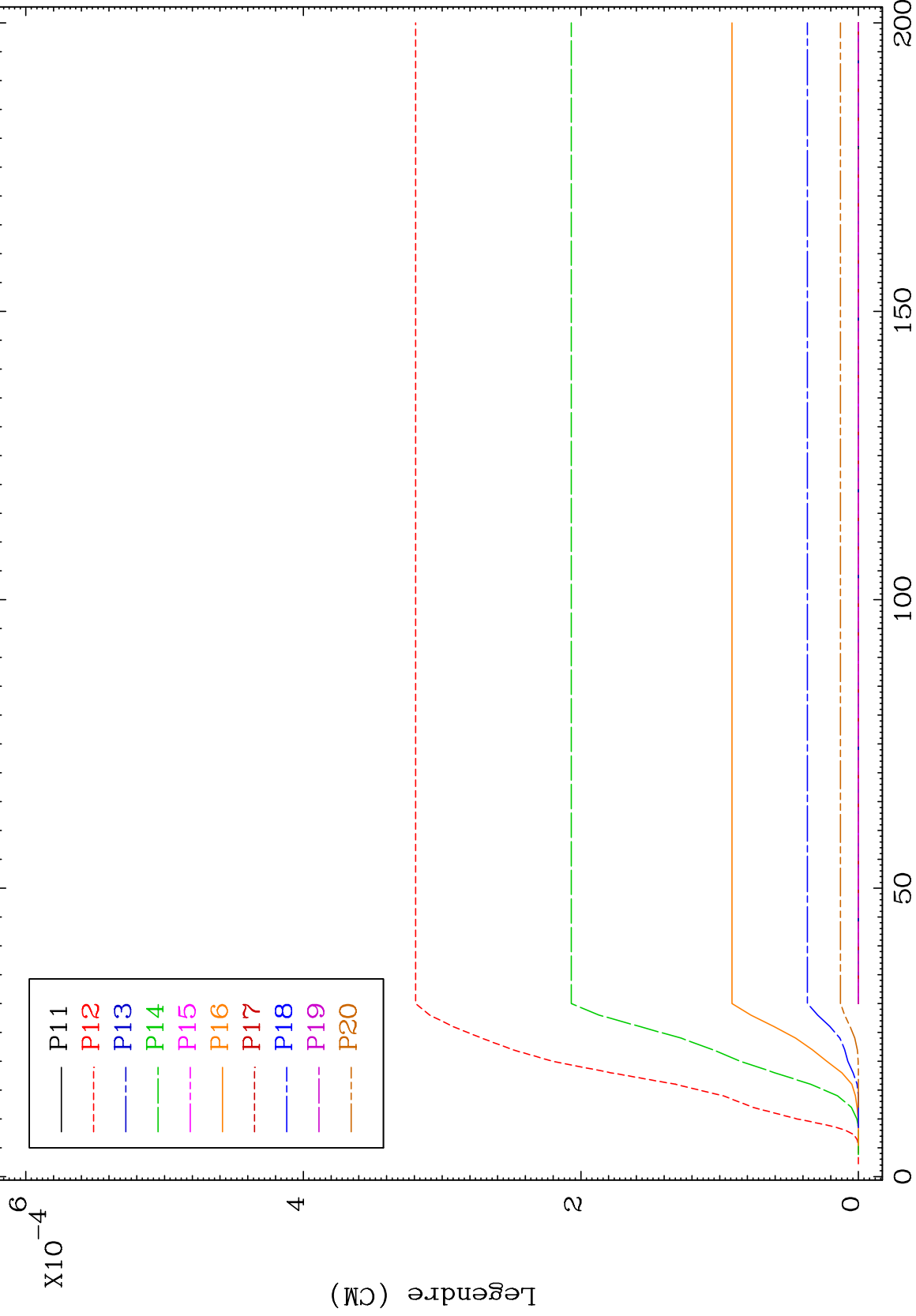
71-Lu-188



MAT 7164

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

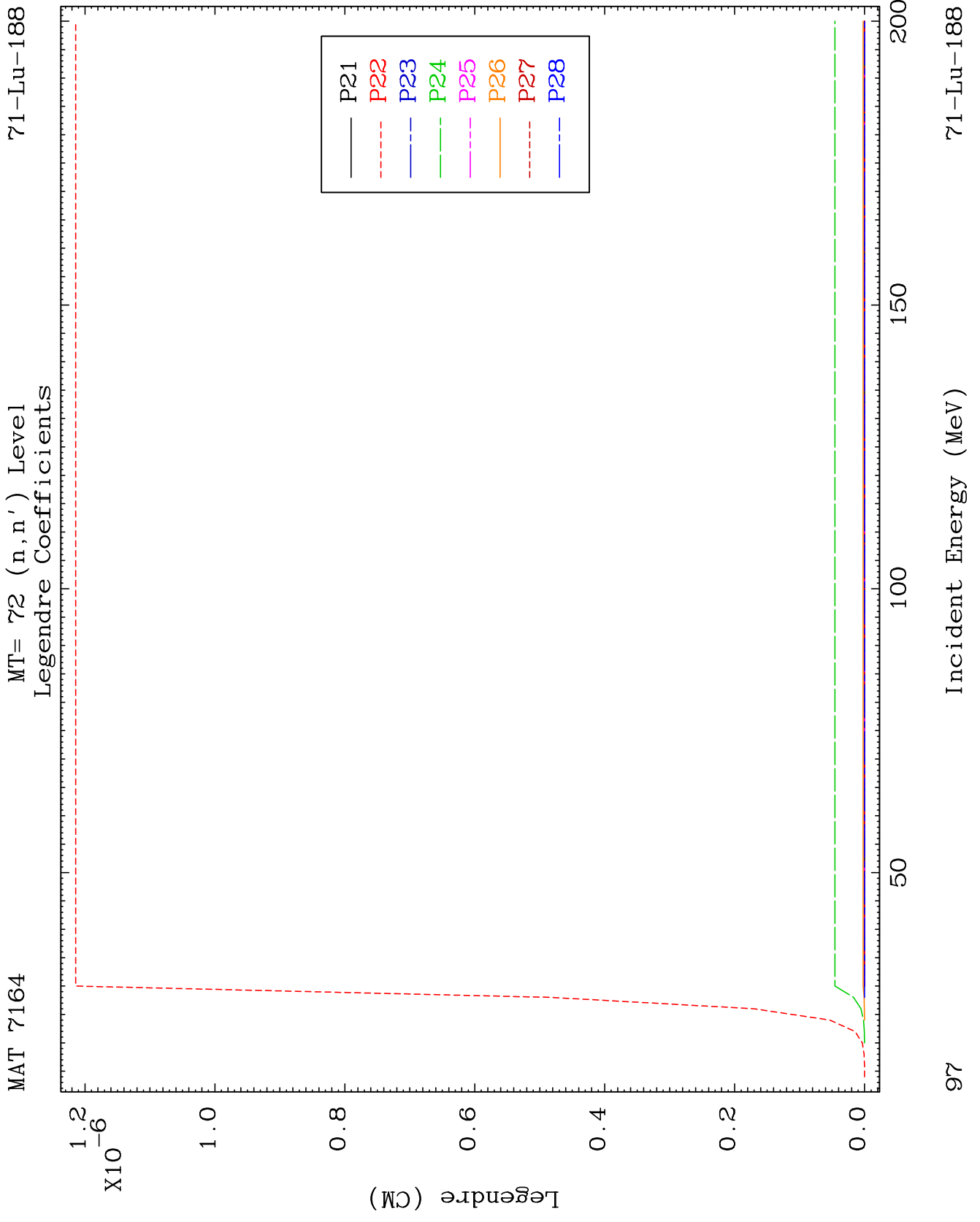
71-Lu-188



96

Incident Energy (MeV)

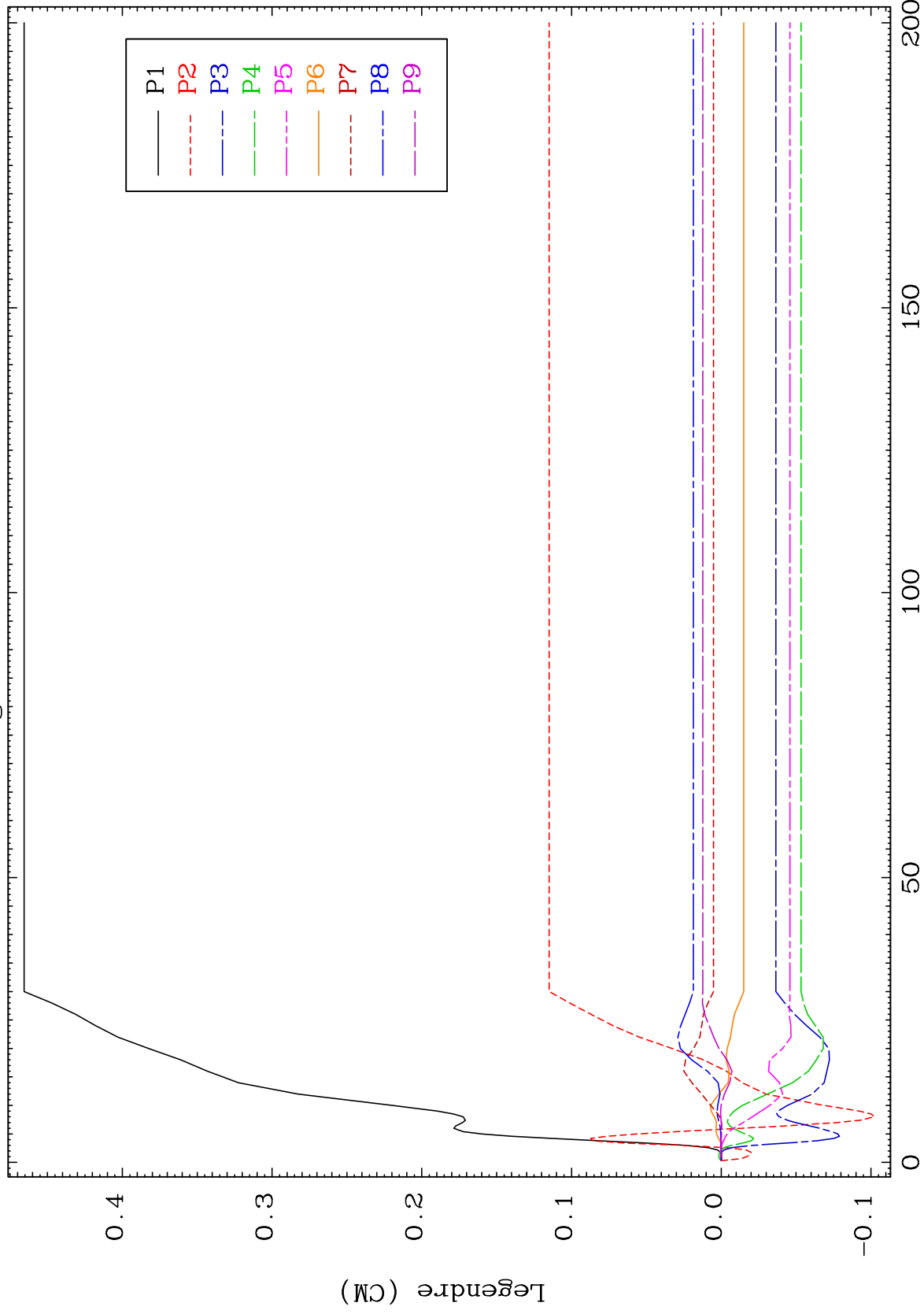
71-Lu-188



MAT 7164

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

71-Lu-188



98

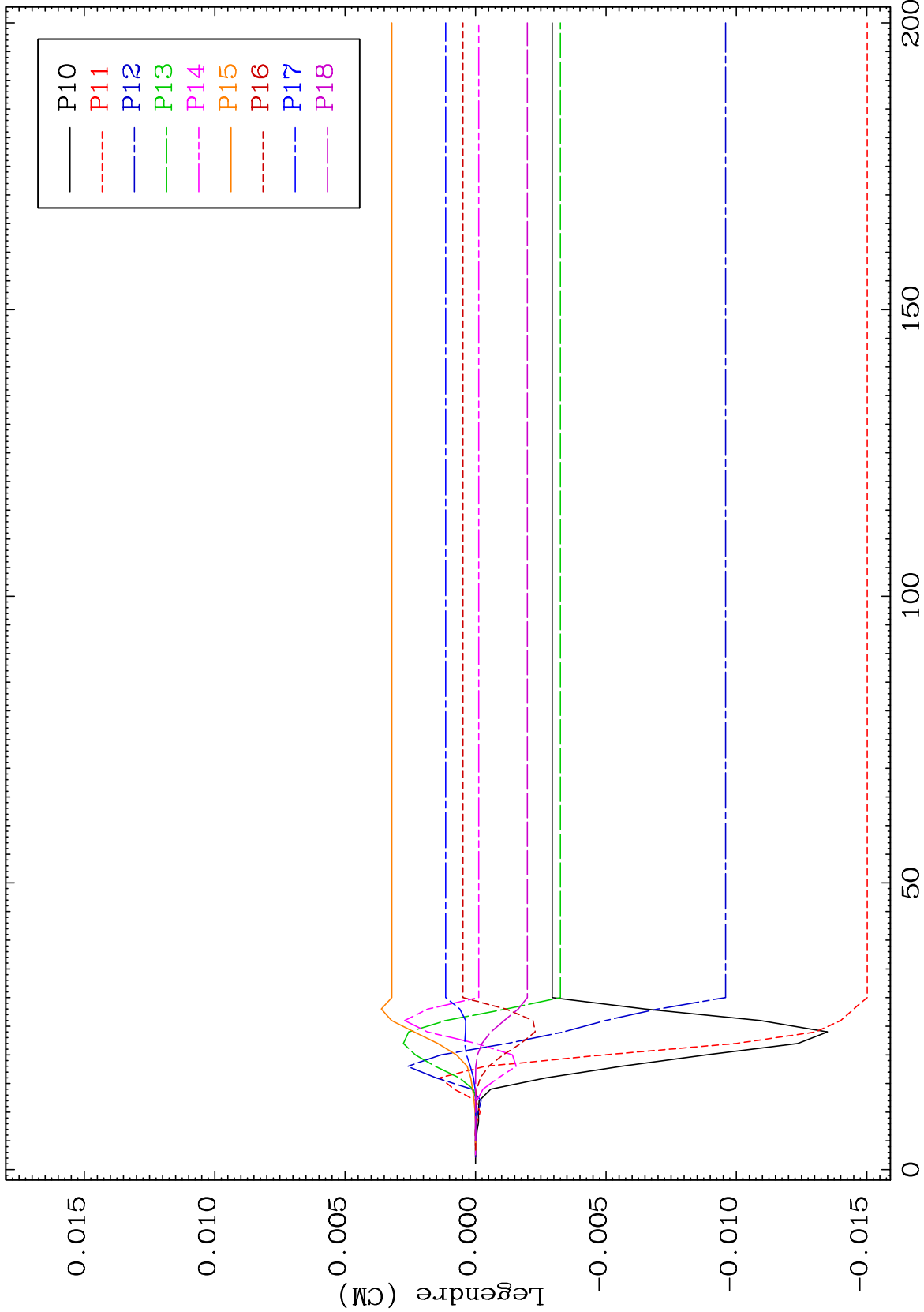
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



99

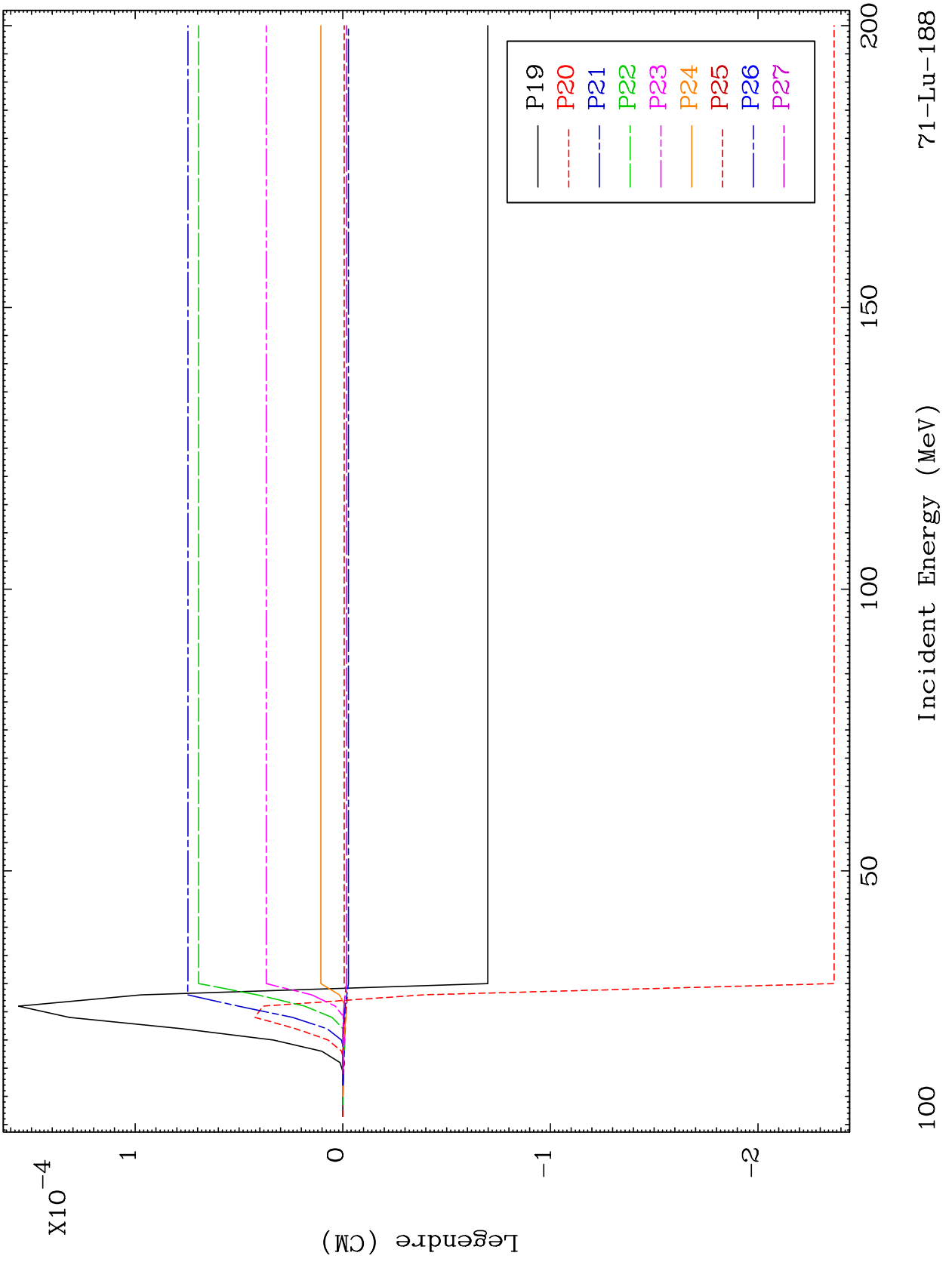
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188

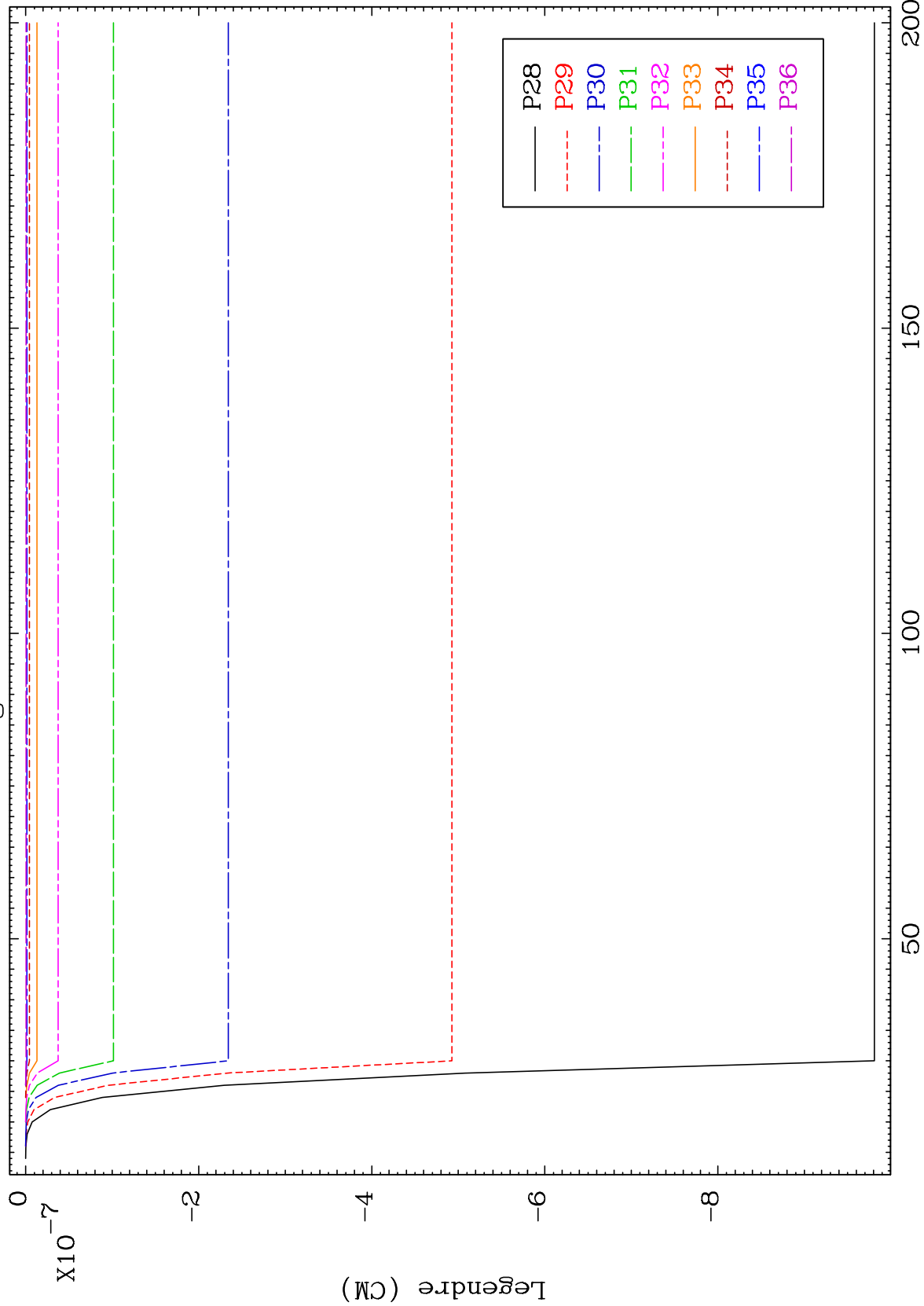


MAT 7164

MT= 73 (n,n') Level

71-Lu-188

Legendre Coefficients



71-Lu-188

Incident Energy (MeV)

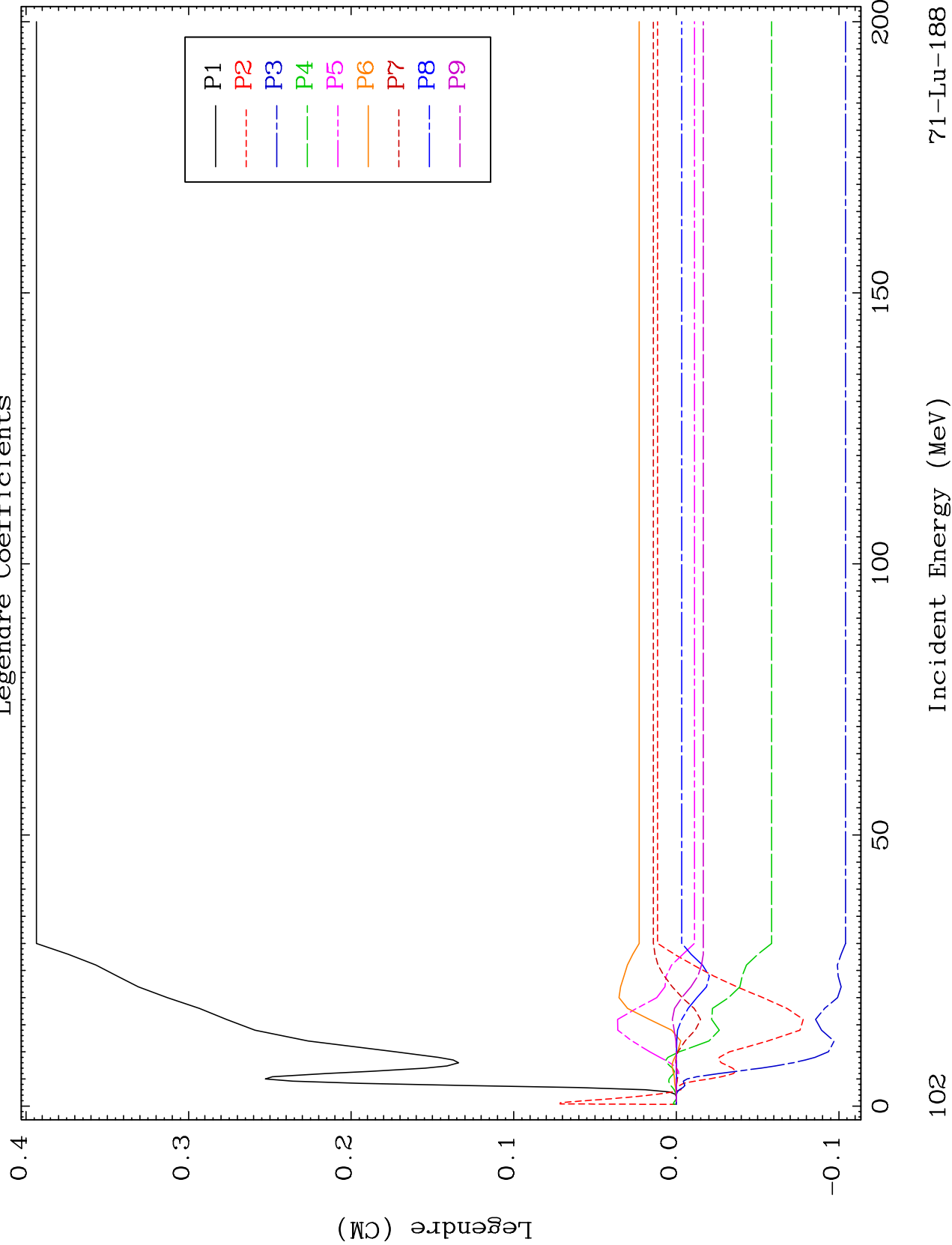
101

MAT 7164

MT= 74 (n,n') Level

71-Lu-188

Legendre Coefficients



71-Lu-188

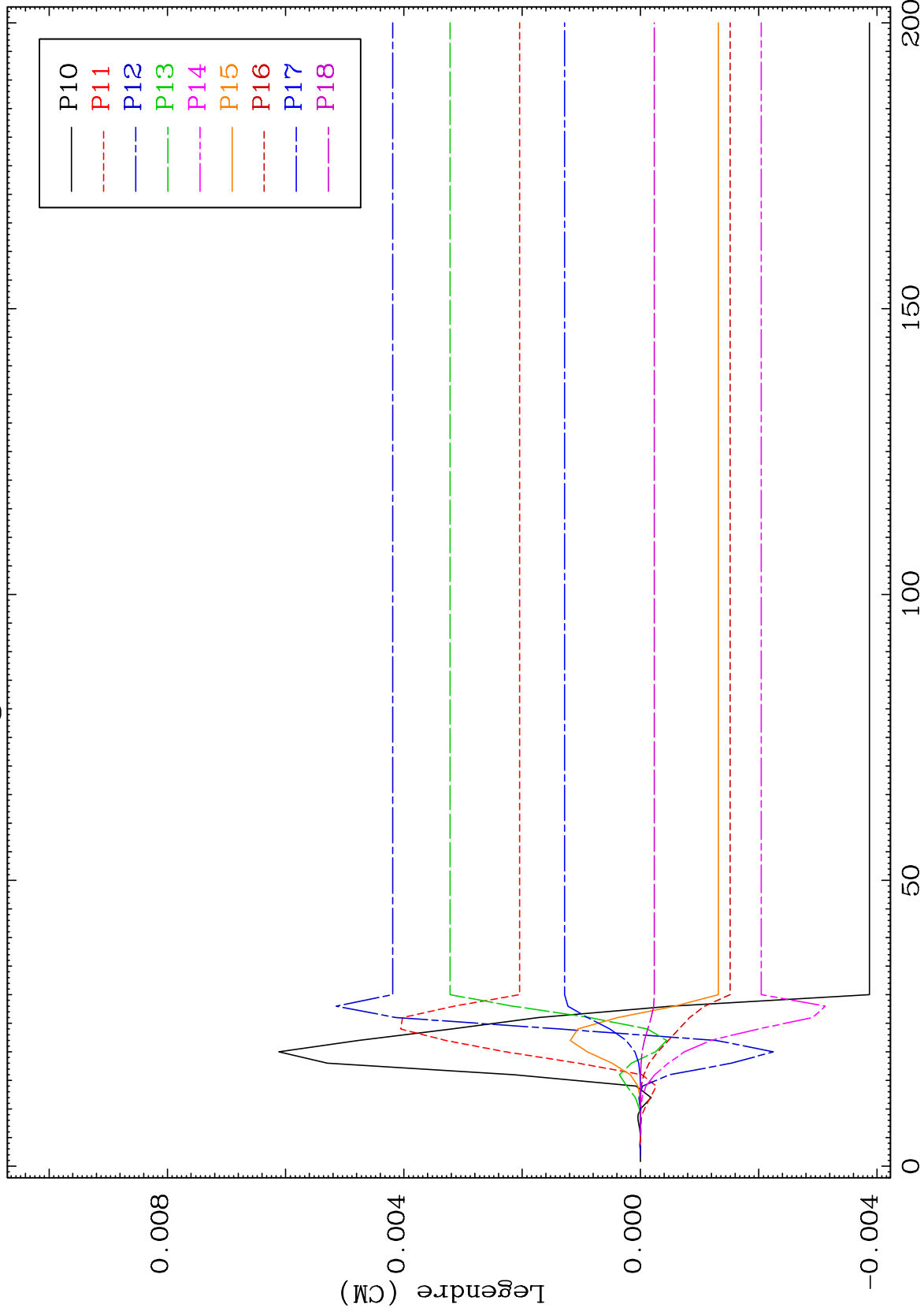
Incident Energy (MeV)

102

MAT 7164

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

71-Lu-188



103

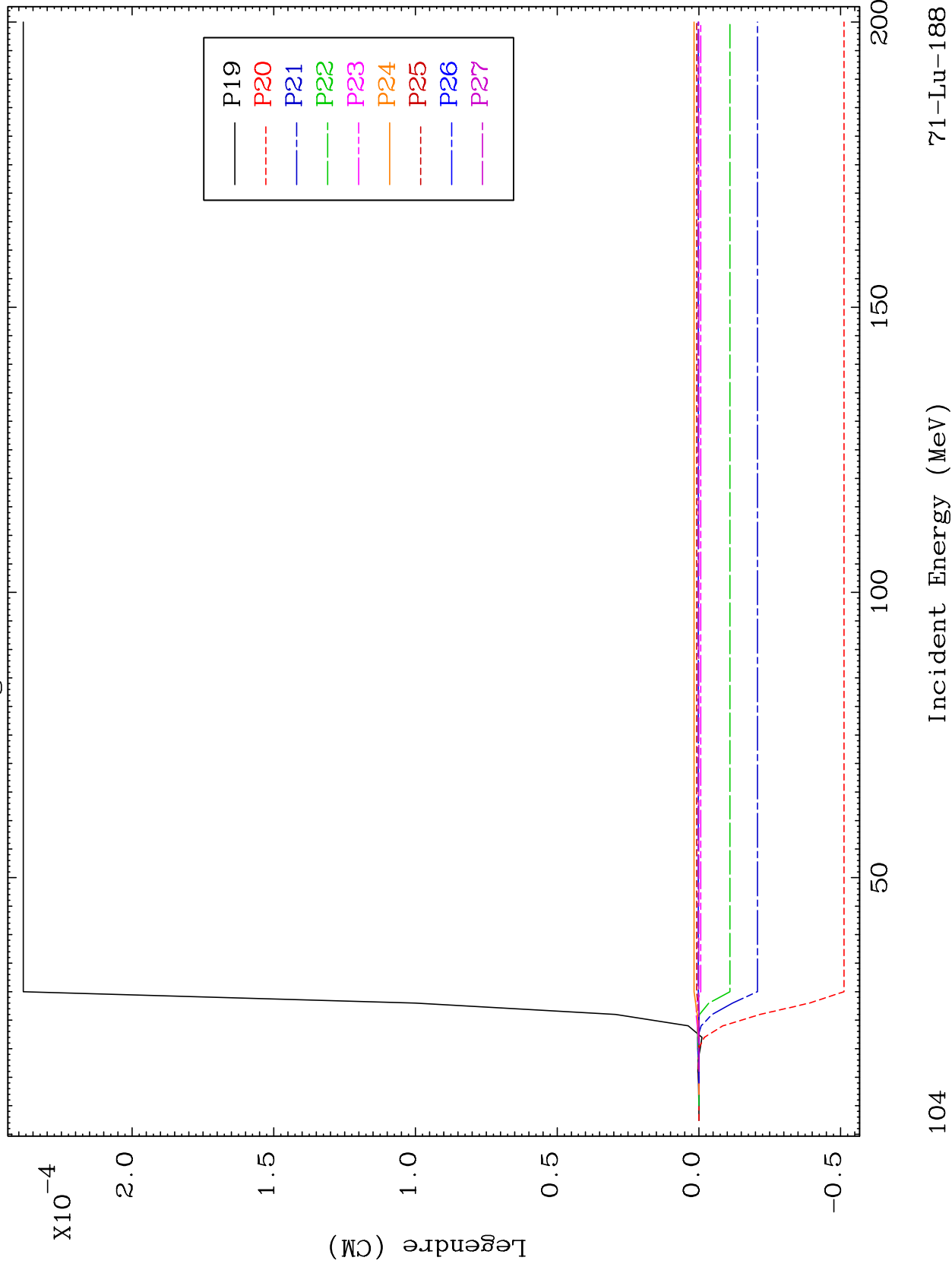
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

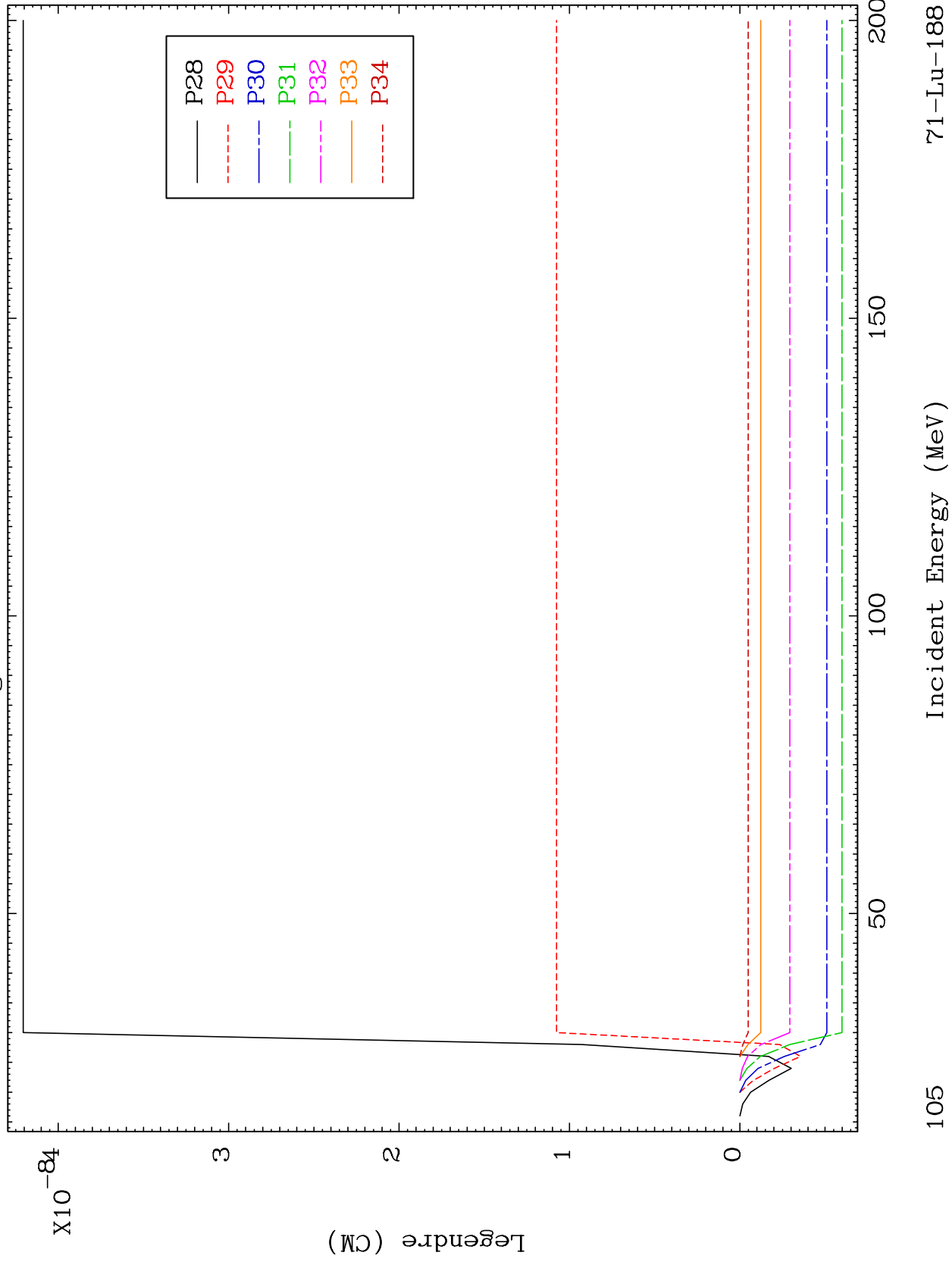
71-Lu-188



MAT 7164

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

71-Lu-188



71-Lu-188

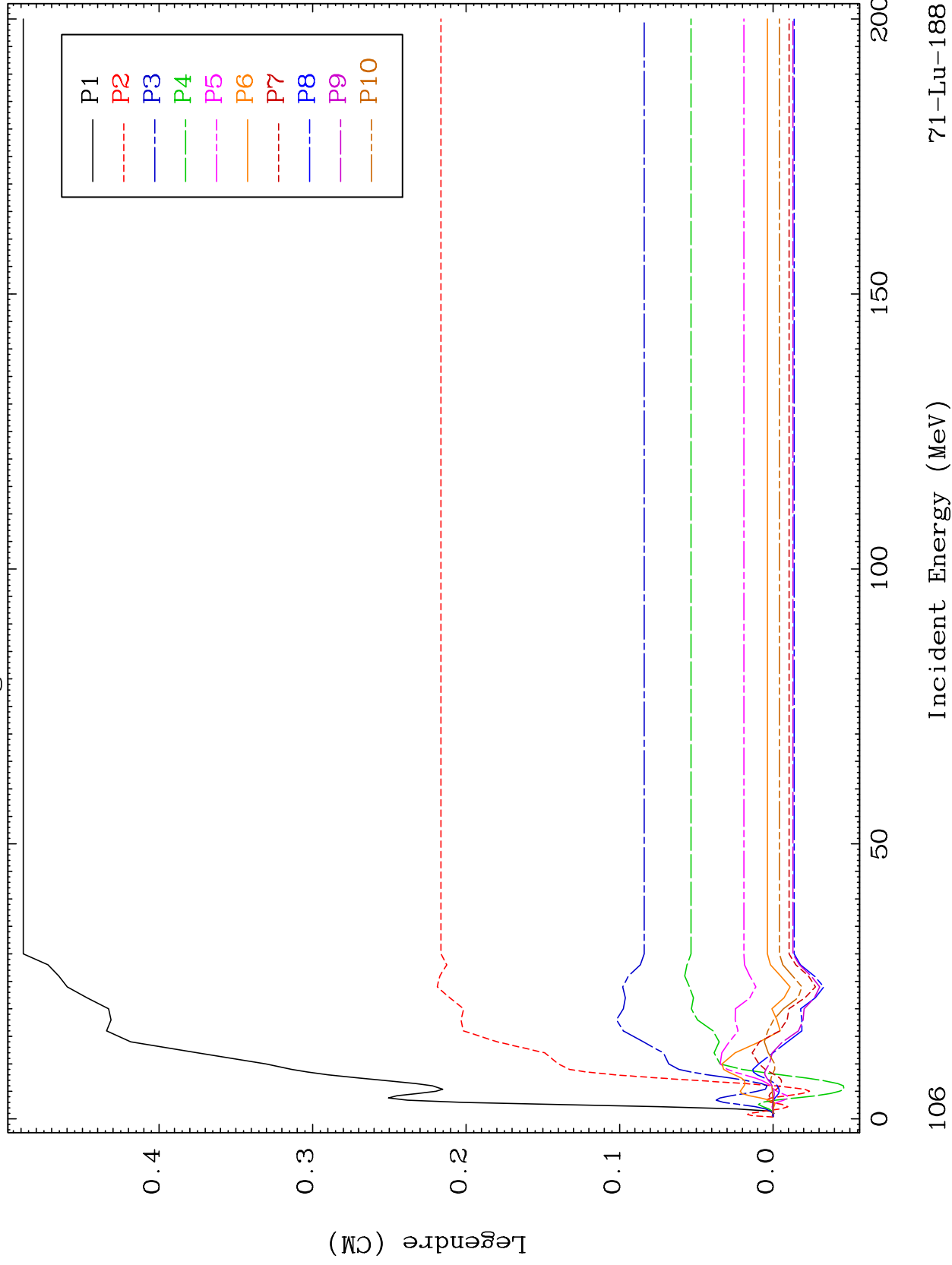
Incident Energy (MeV)

105

MAT 7164

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

71-Lu-188



71-Lu-188

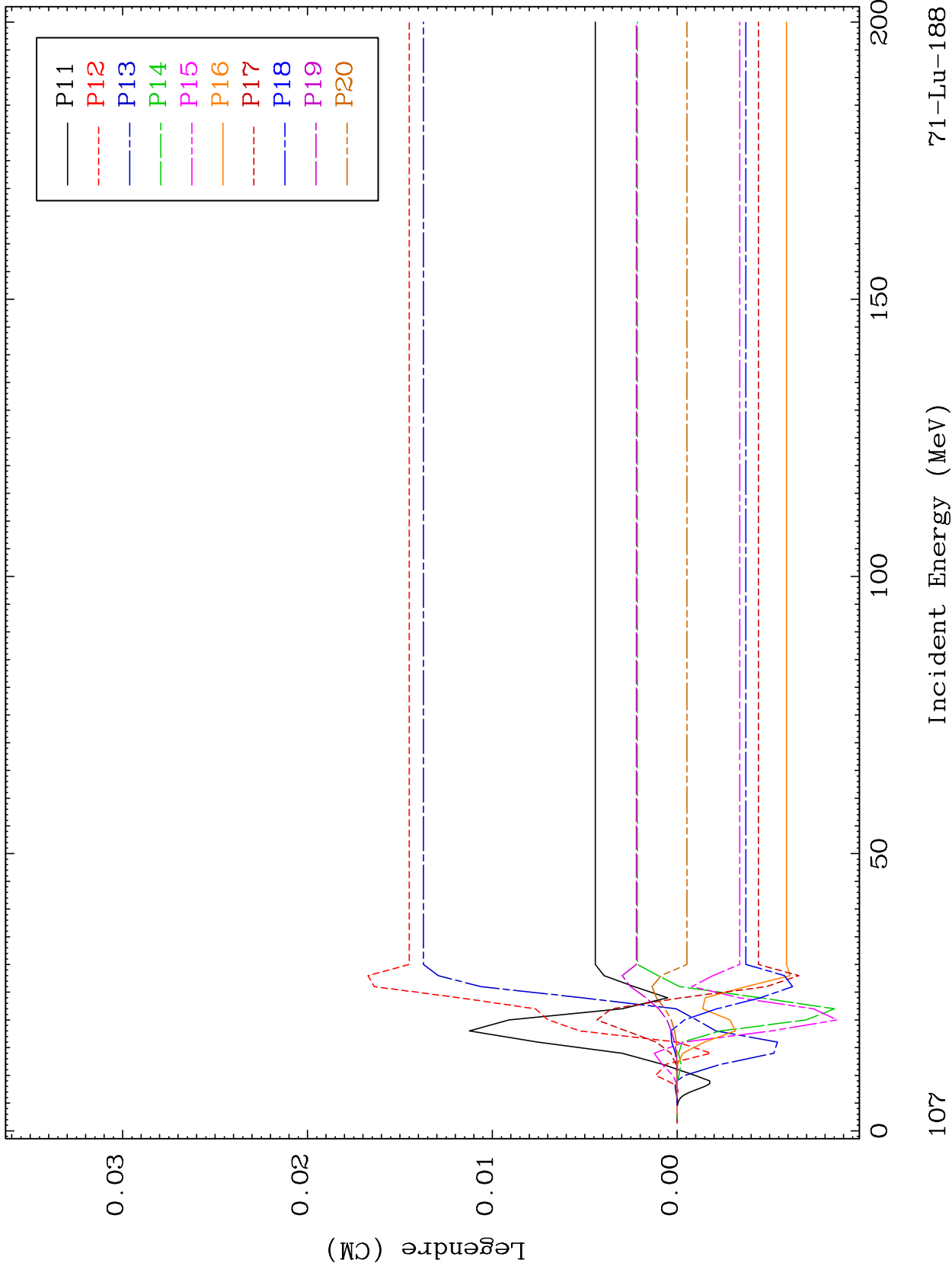
Incident Energy (MeV)

106

MAT 7164

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

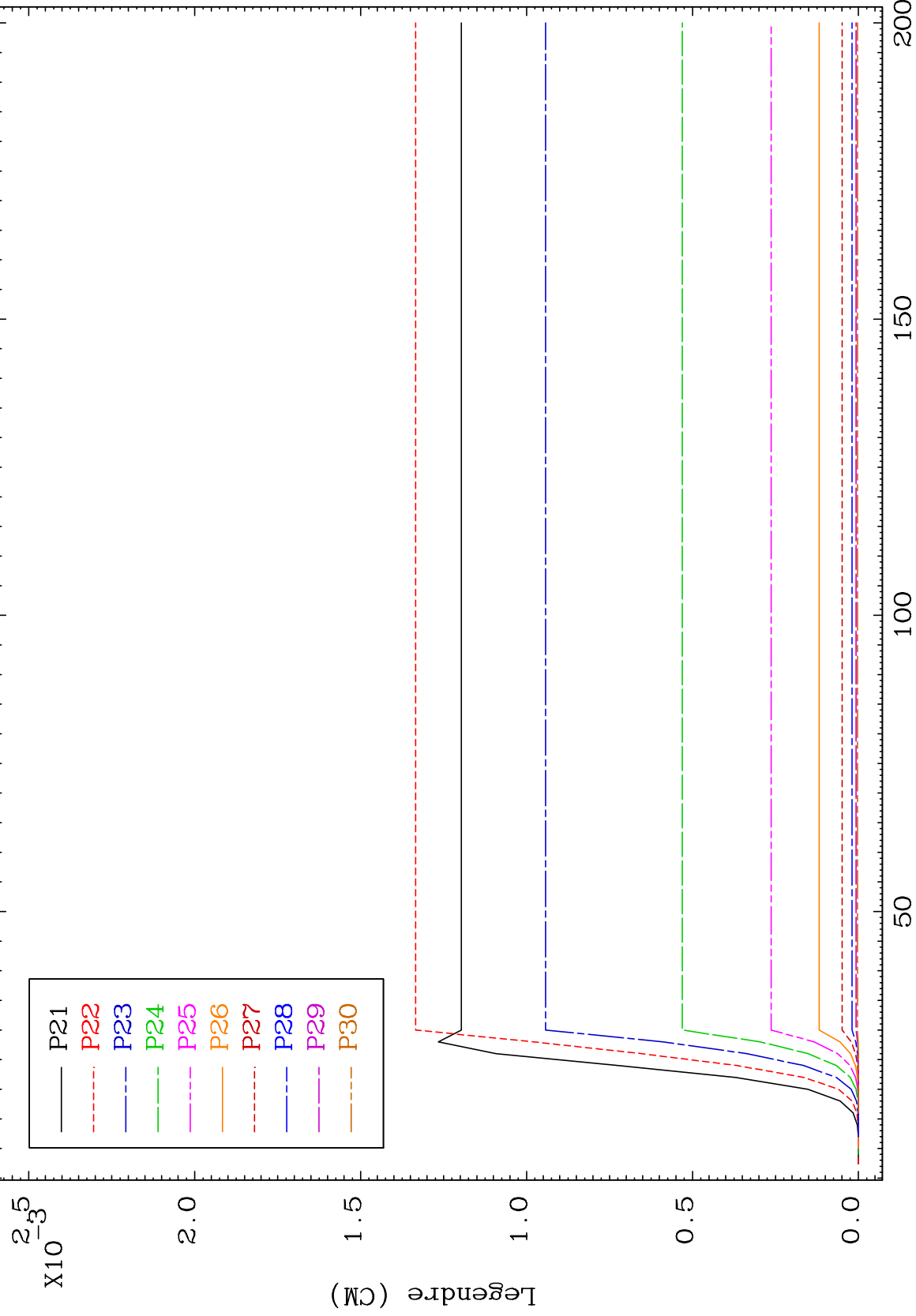
71-Lu-188



MAT 7164

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

71-Lu-188



108

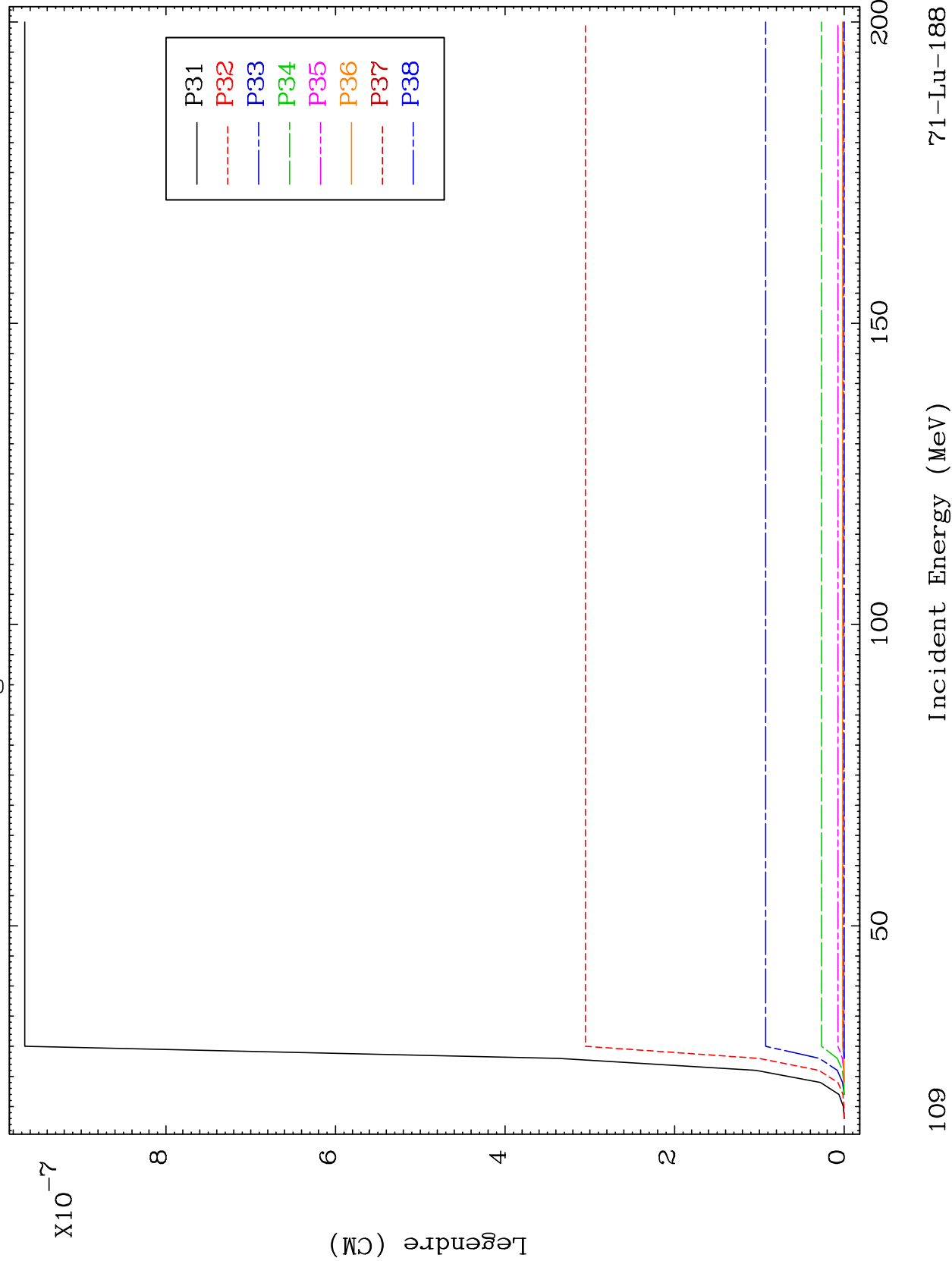
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



109

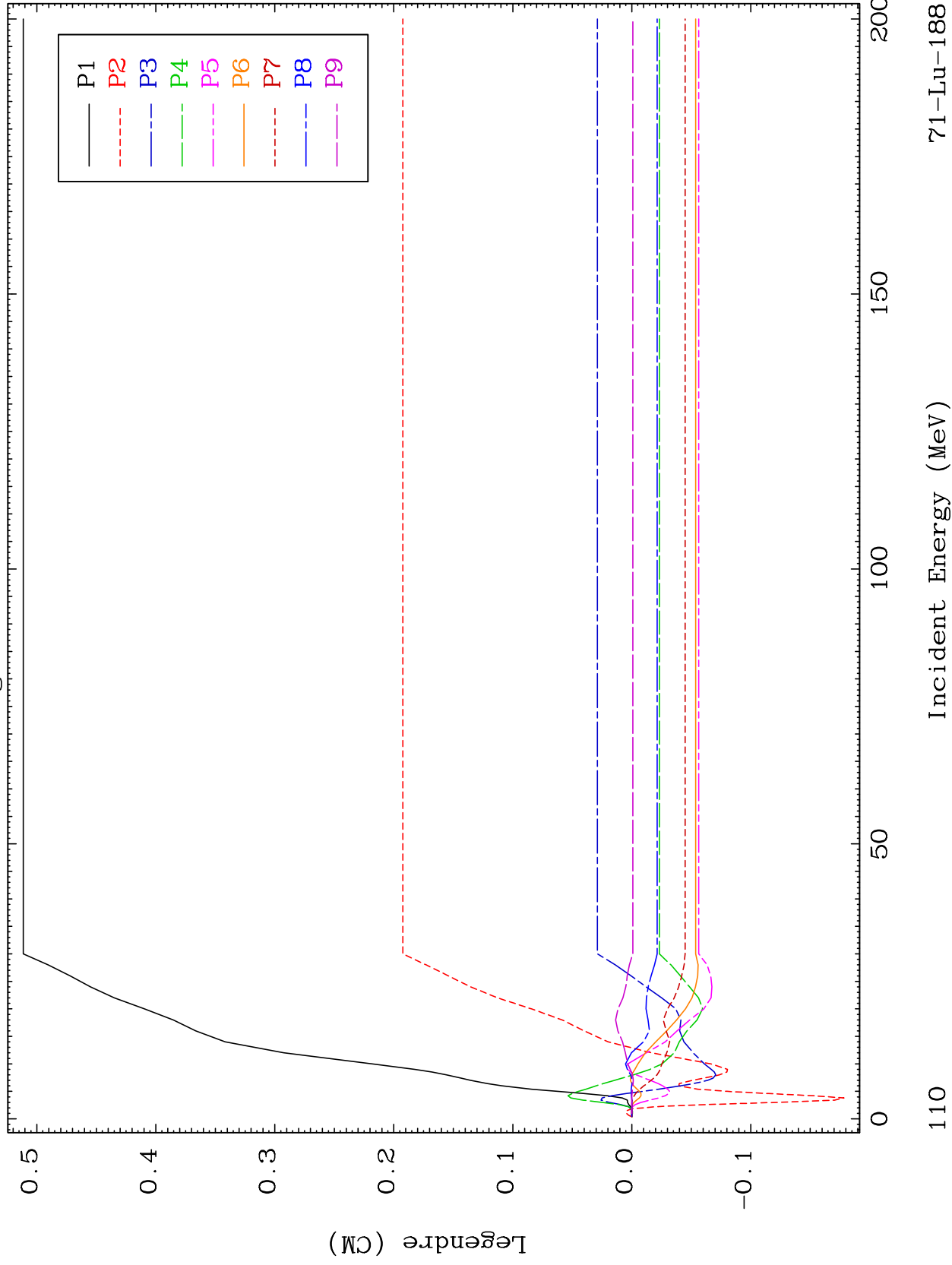
Incident Energy (MeV)

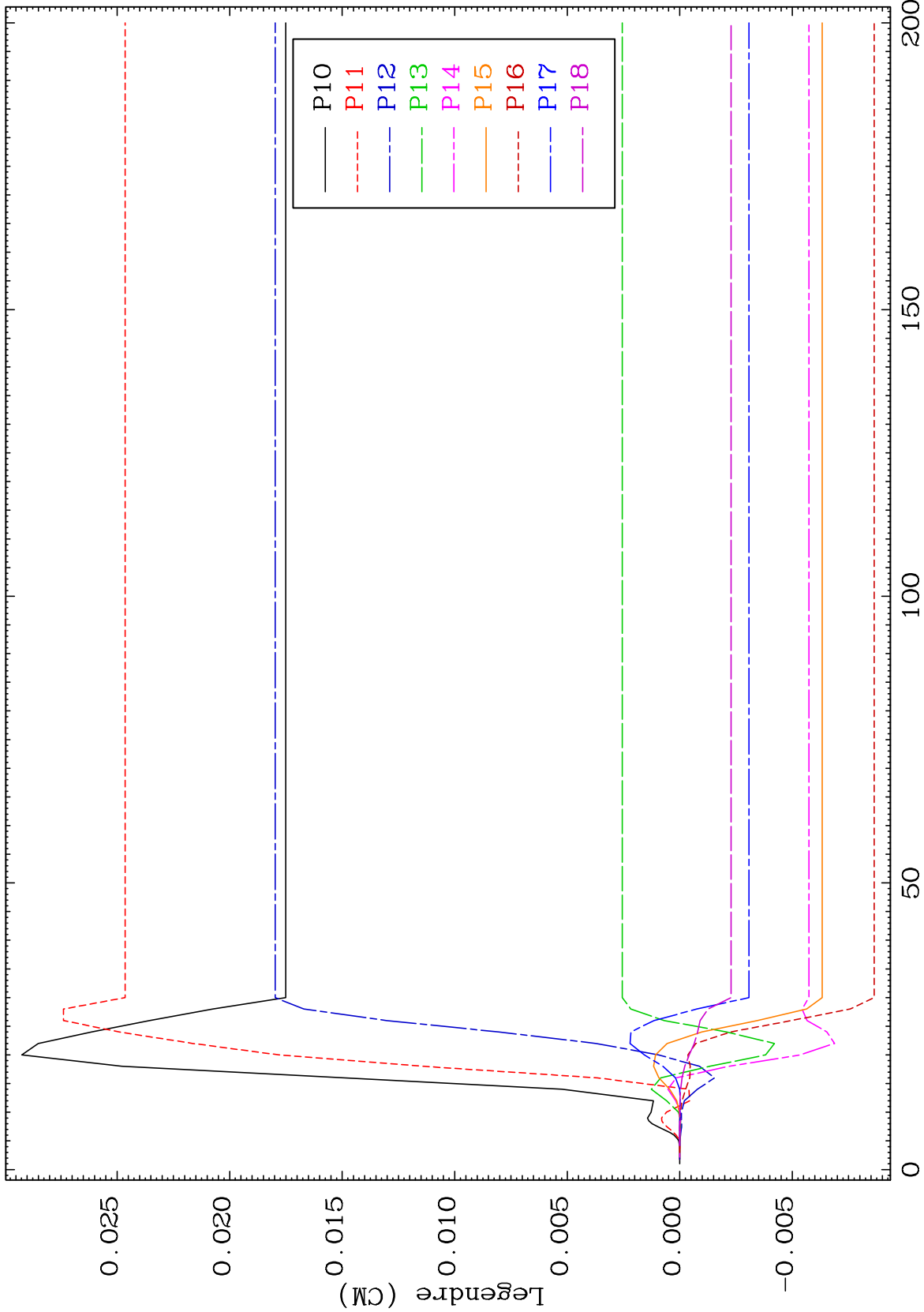
71-Lu-188

MAT 7164

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

71-Lu-188

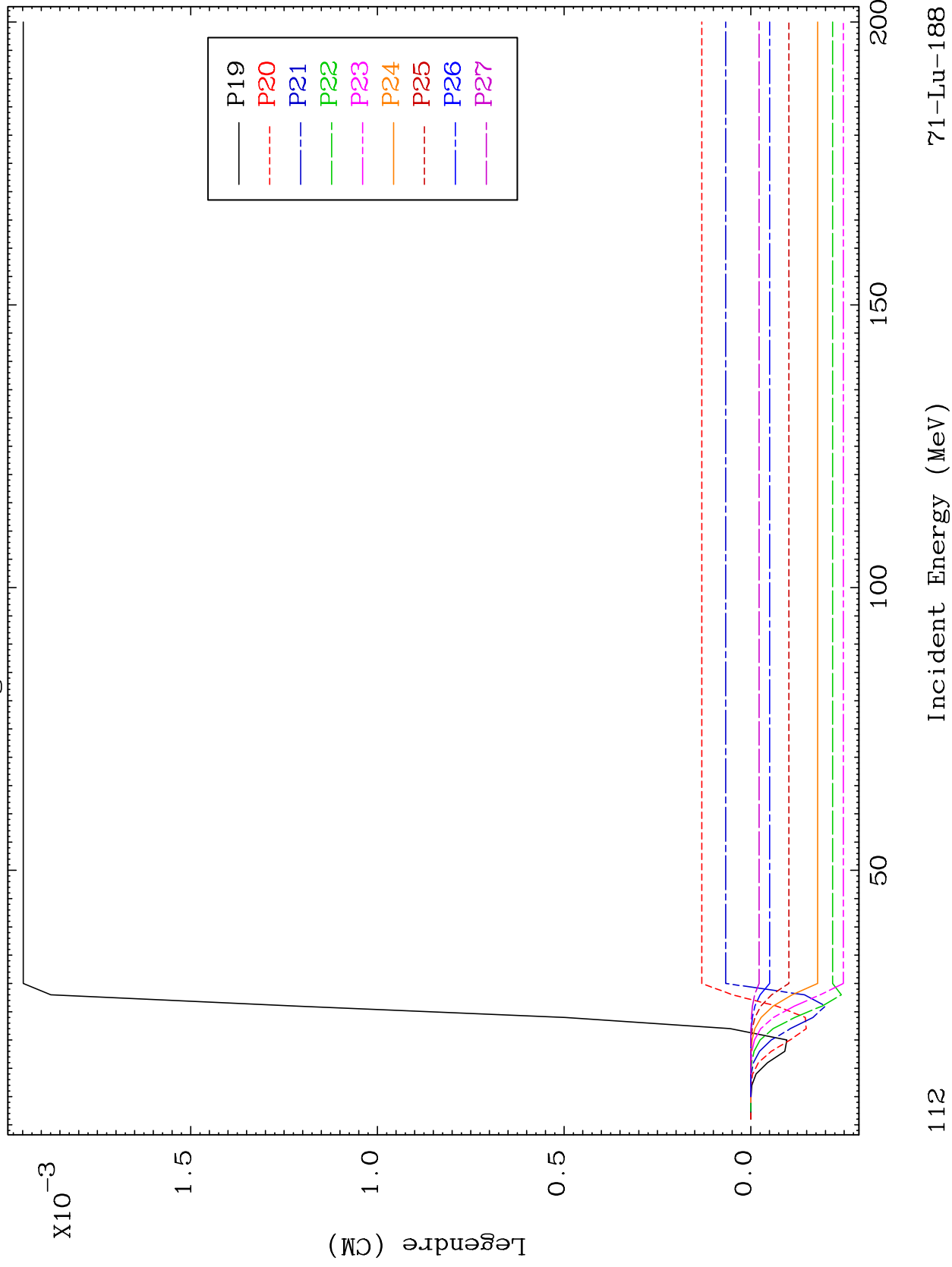




MAT 7164

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

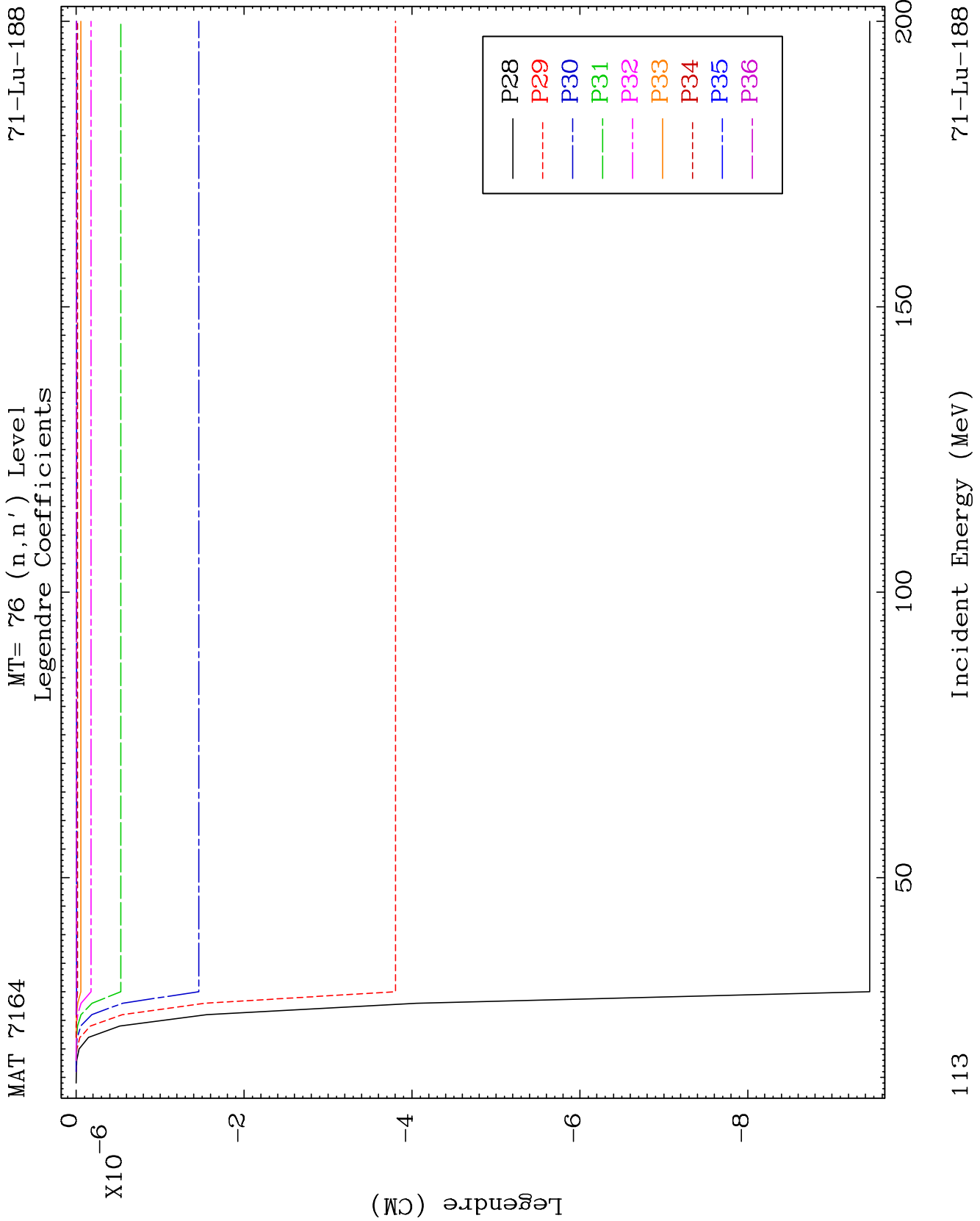
71-Lu-188



112

Incident Energy (MeV)

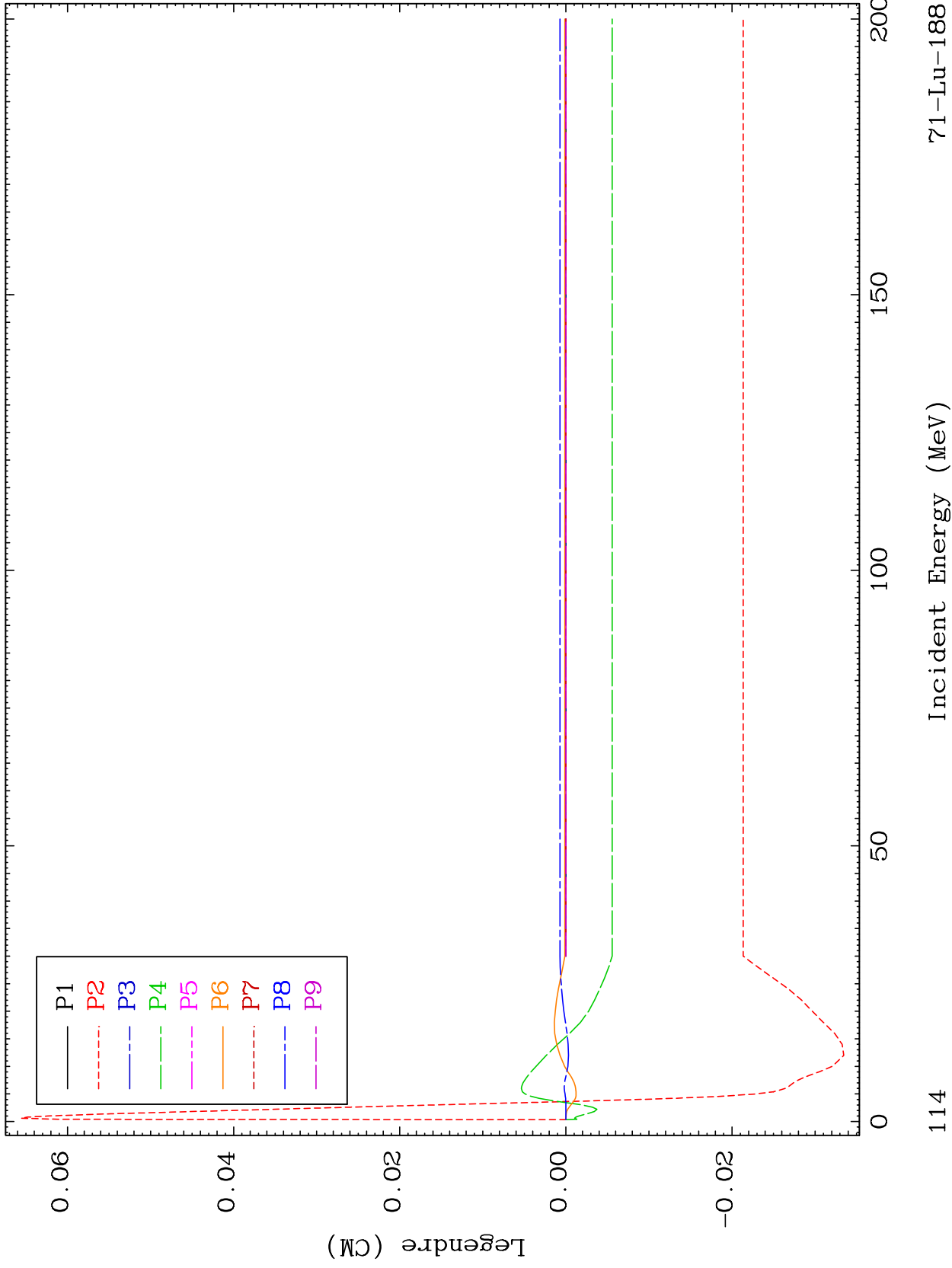
71-Lu-188



MAT 7164

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

71-Lu-188

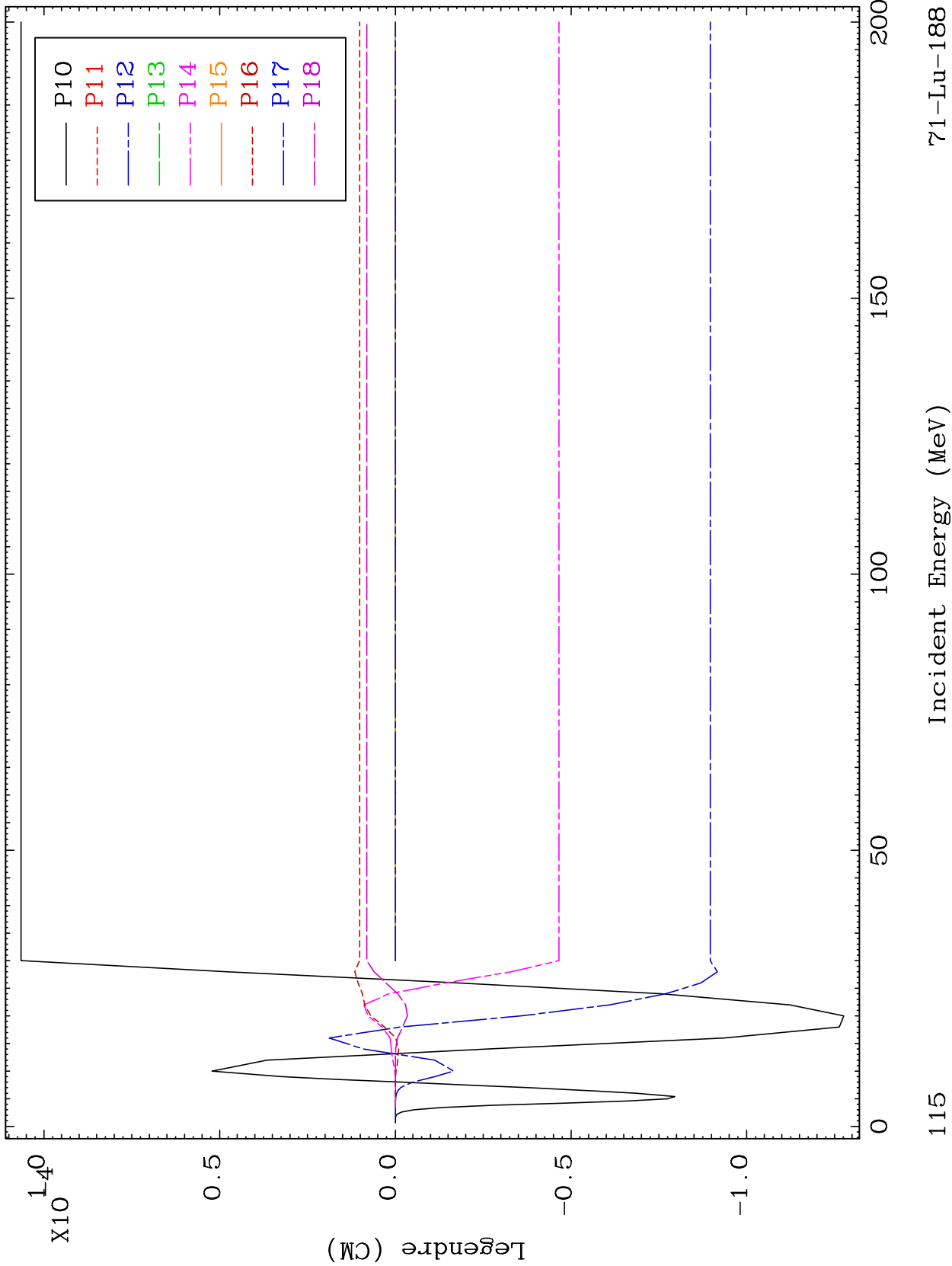


114

MAT 7164

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

71-Lu-188



71-Lu-188

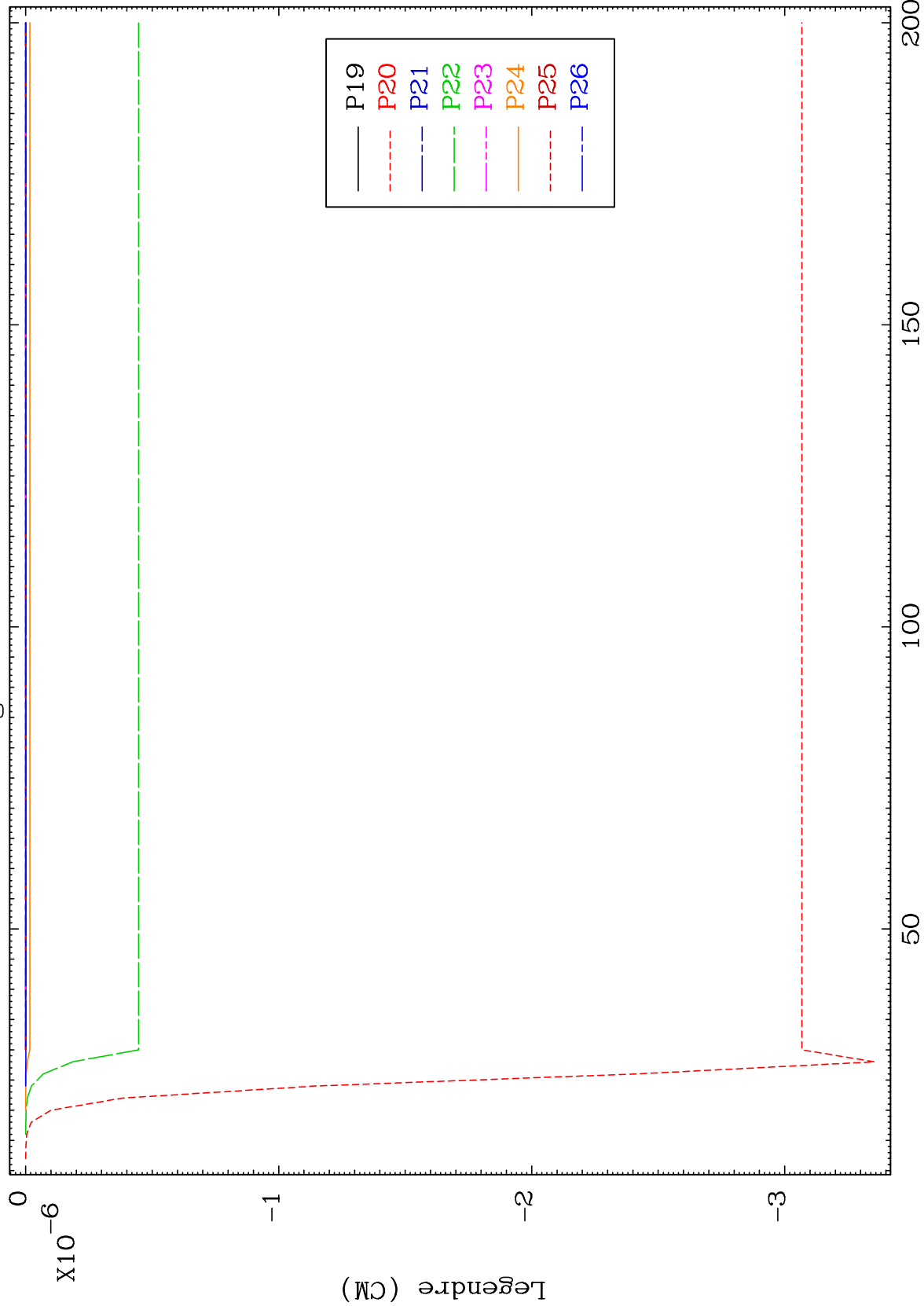
Incident Energy (MeV)

115

MAT 7164

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

71-Lu-188



71-Lu-188

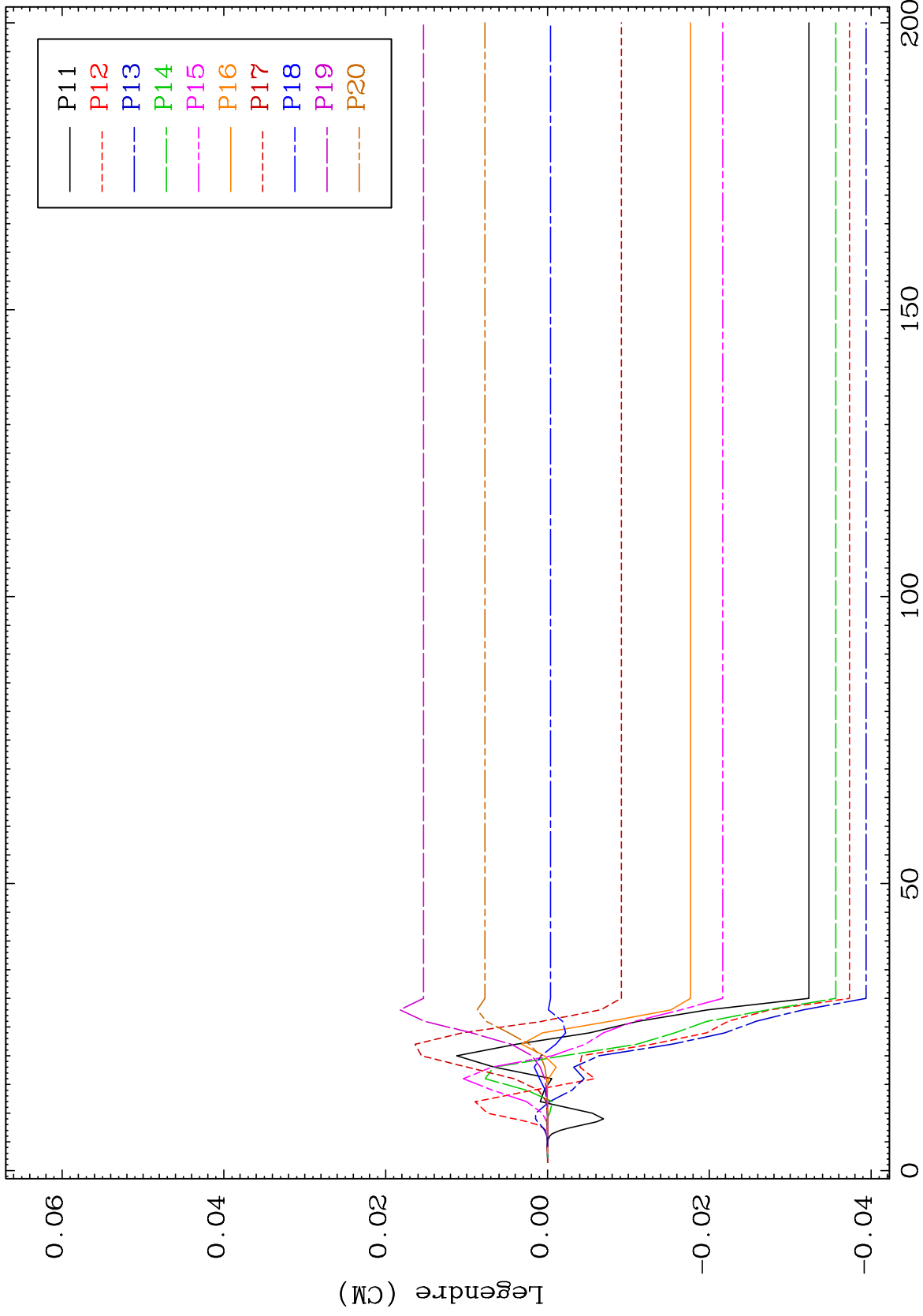
Incident Energy (MeV)

116

MAT 7164

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

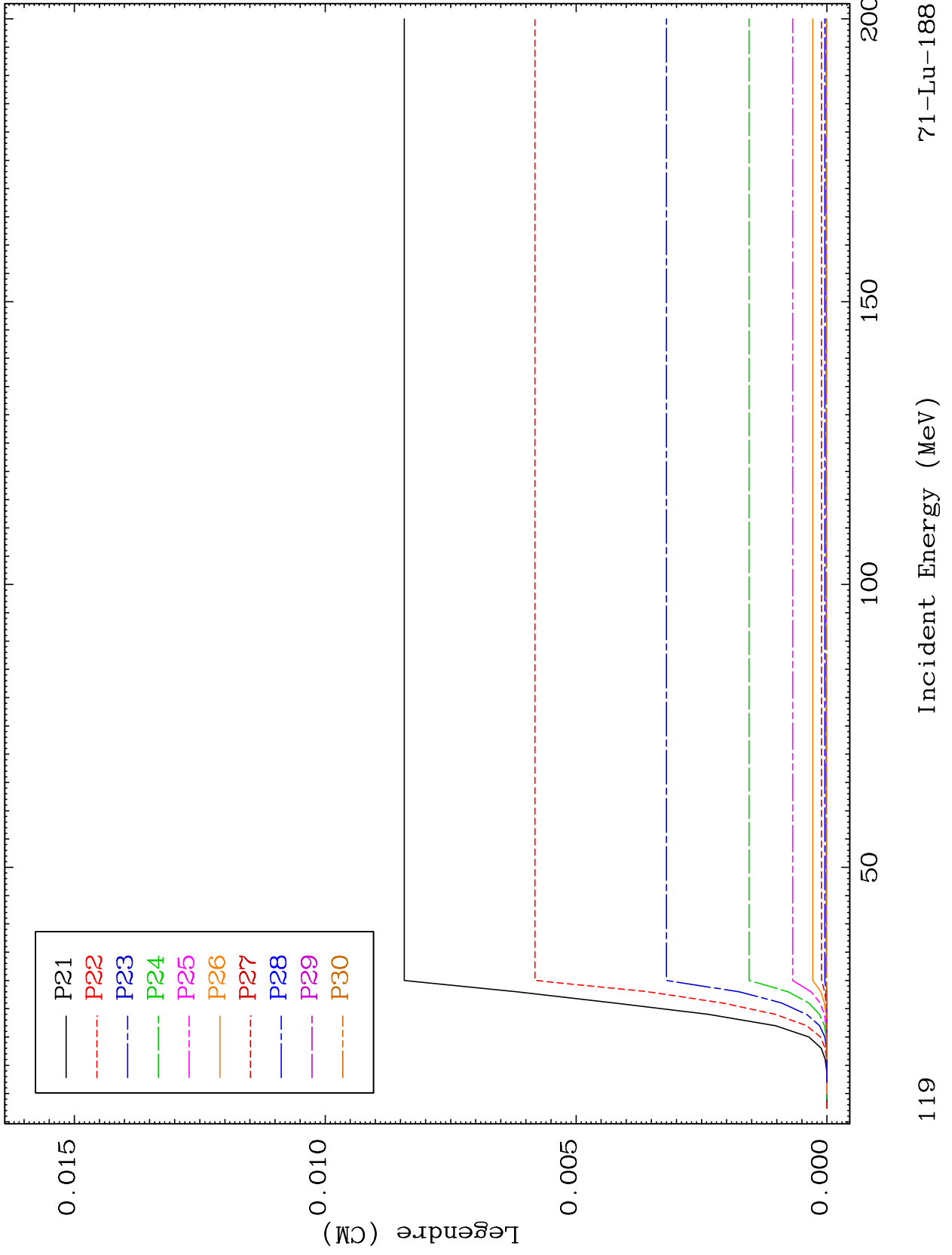
71-Lu-188



118

Incident Energy (MeV)

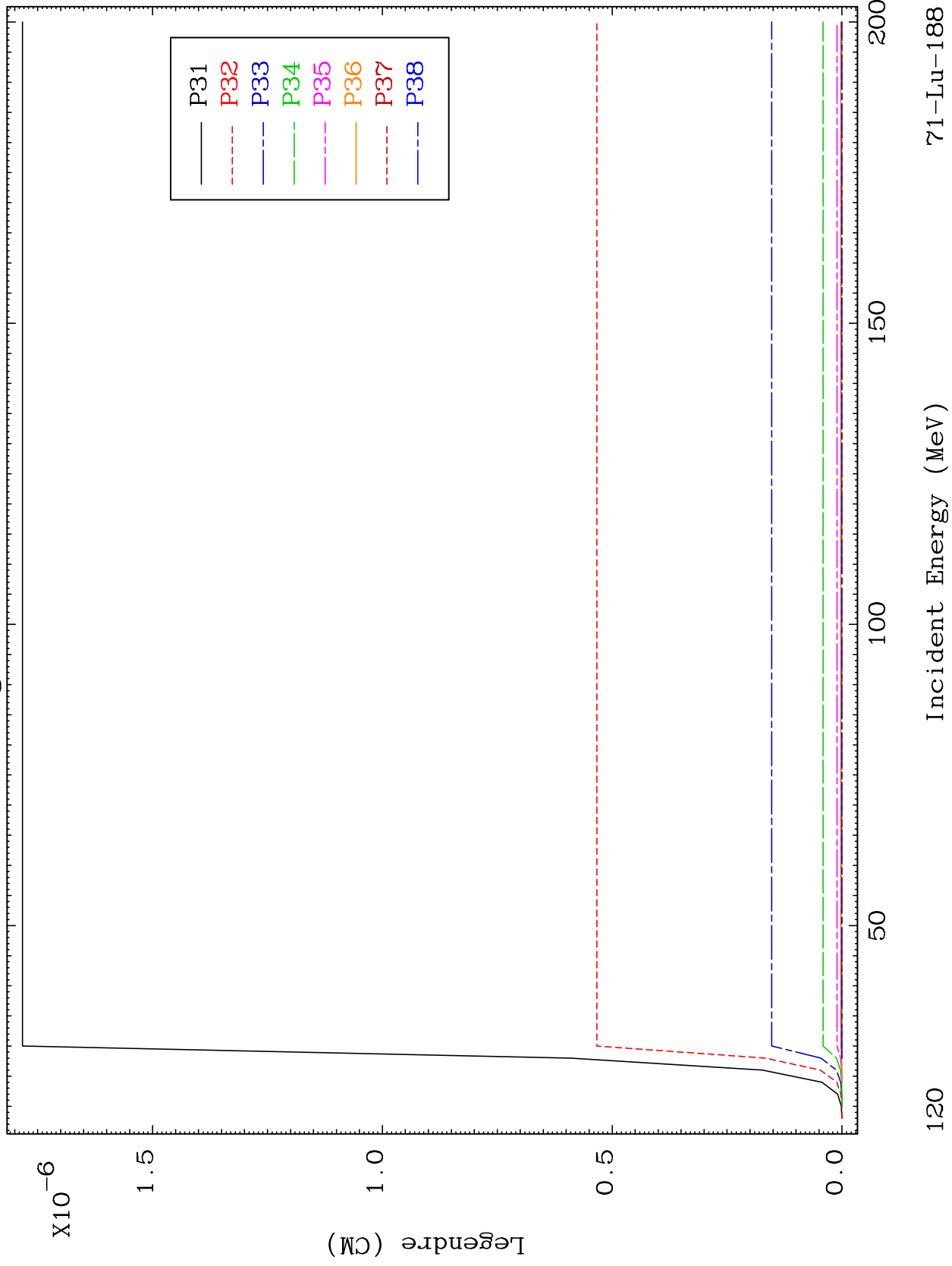
71-Lu-188



MAT 7164

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

71-Lu-188



71-Lu-188

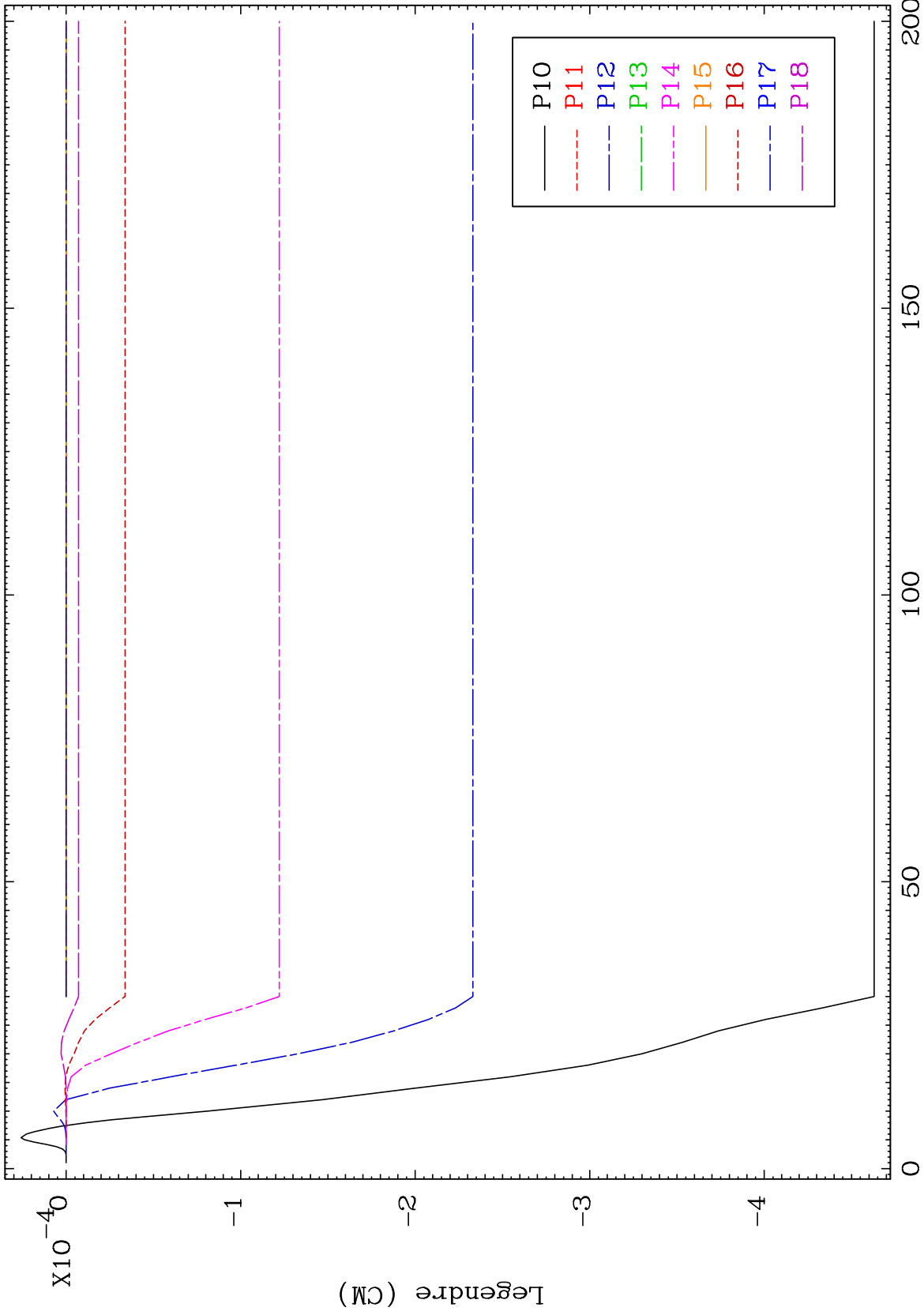
Incident Energy (MeV)

120

MAT 7164

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

71-Lu-188



122

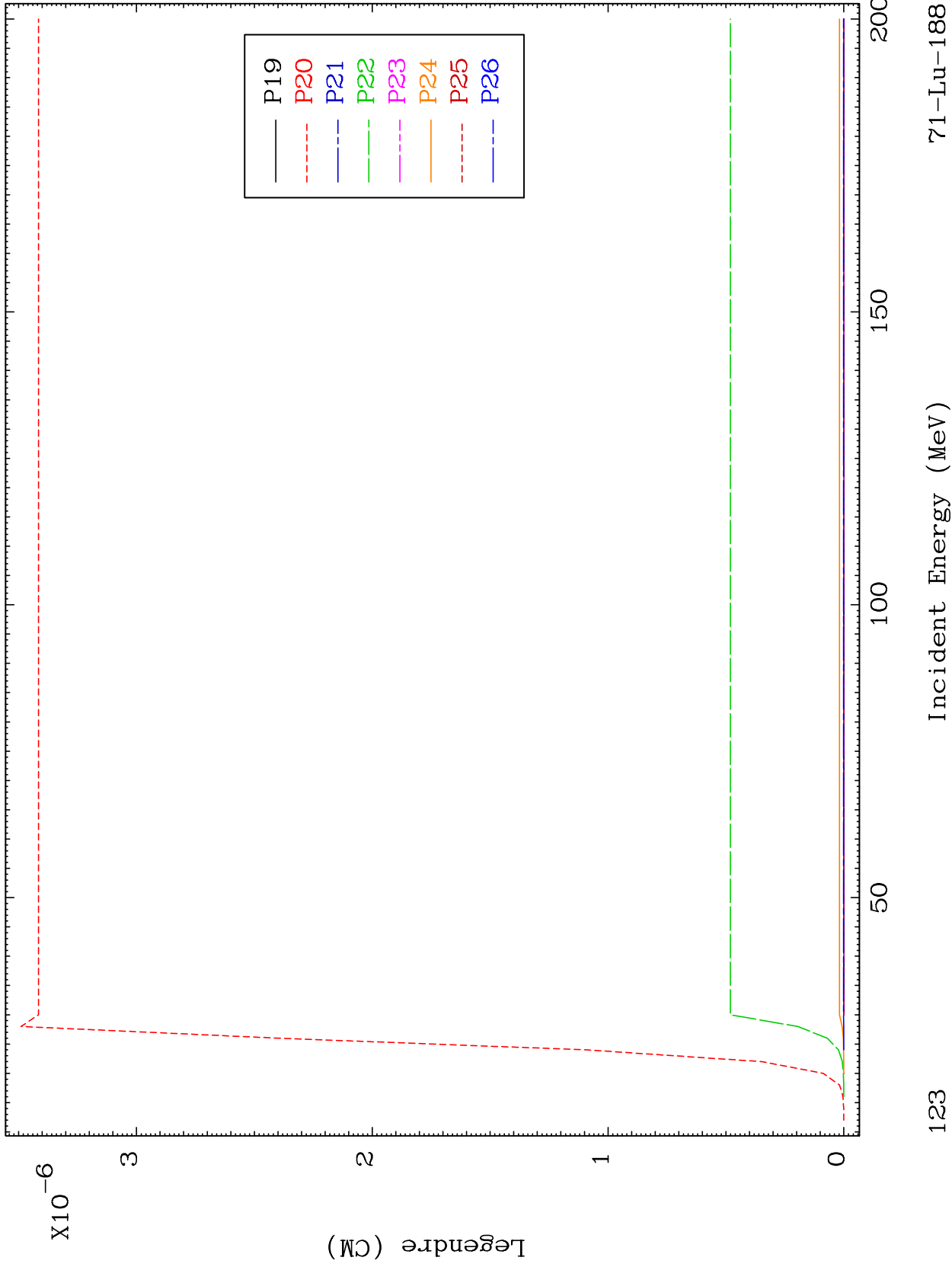
Incident Energy (MeV)

71-Lu-188

MAT 7164

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

71-Lu-188



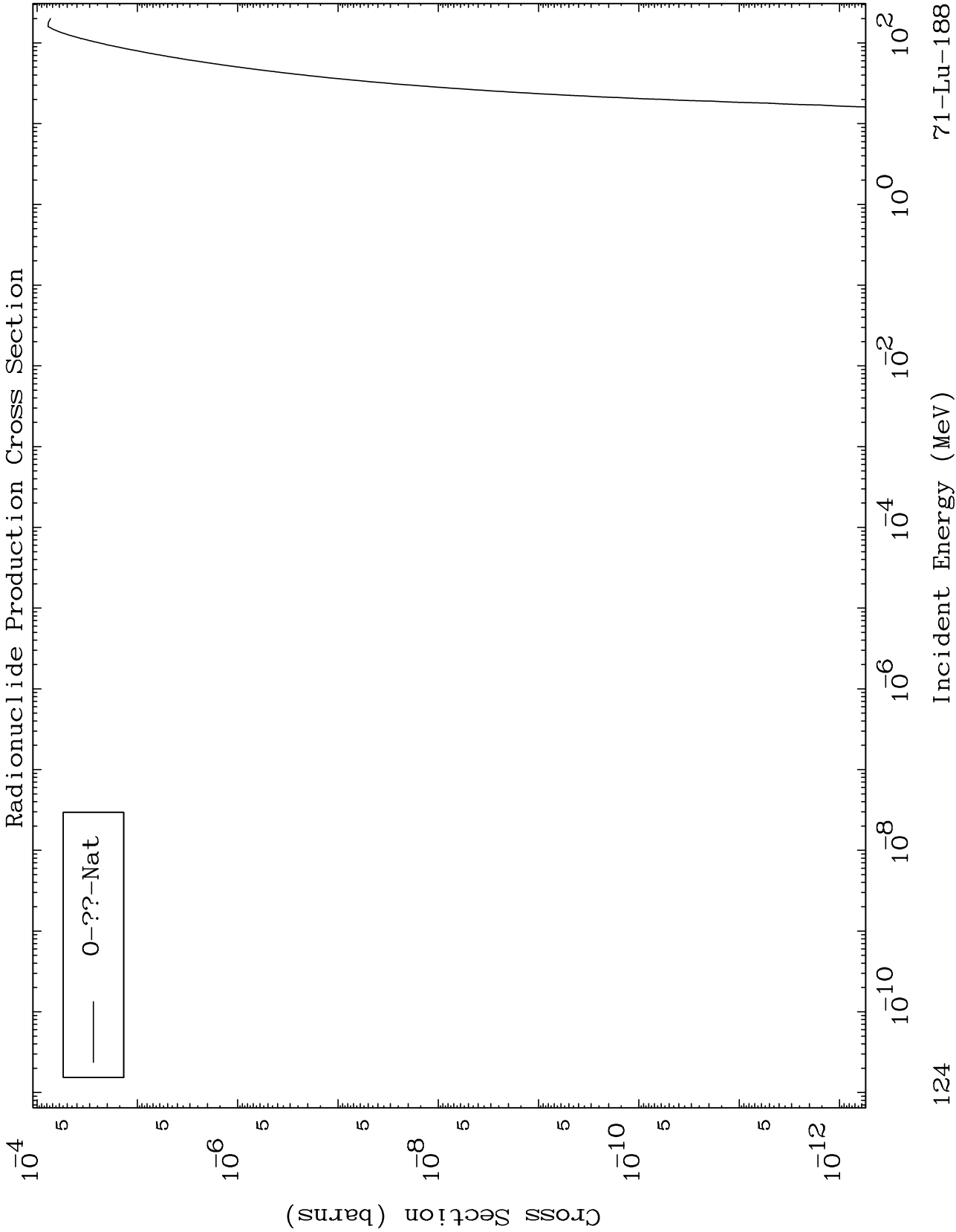
123

MAT 7164

Fission

⁷¹Lu-188

Radionuclide Production Cross Section



124

Incident Energy (MeV)

⁷¹Lu-188