

Program EVALPLOT
(Version 2018-1)

by

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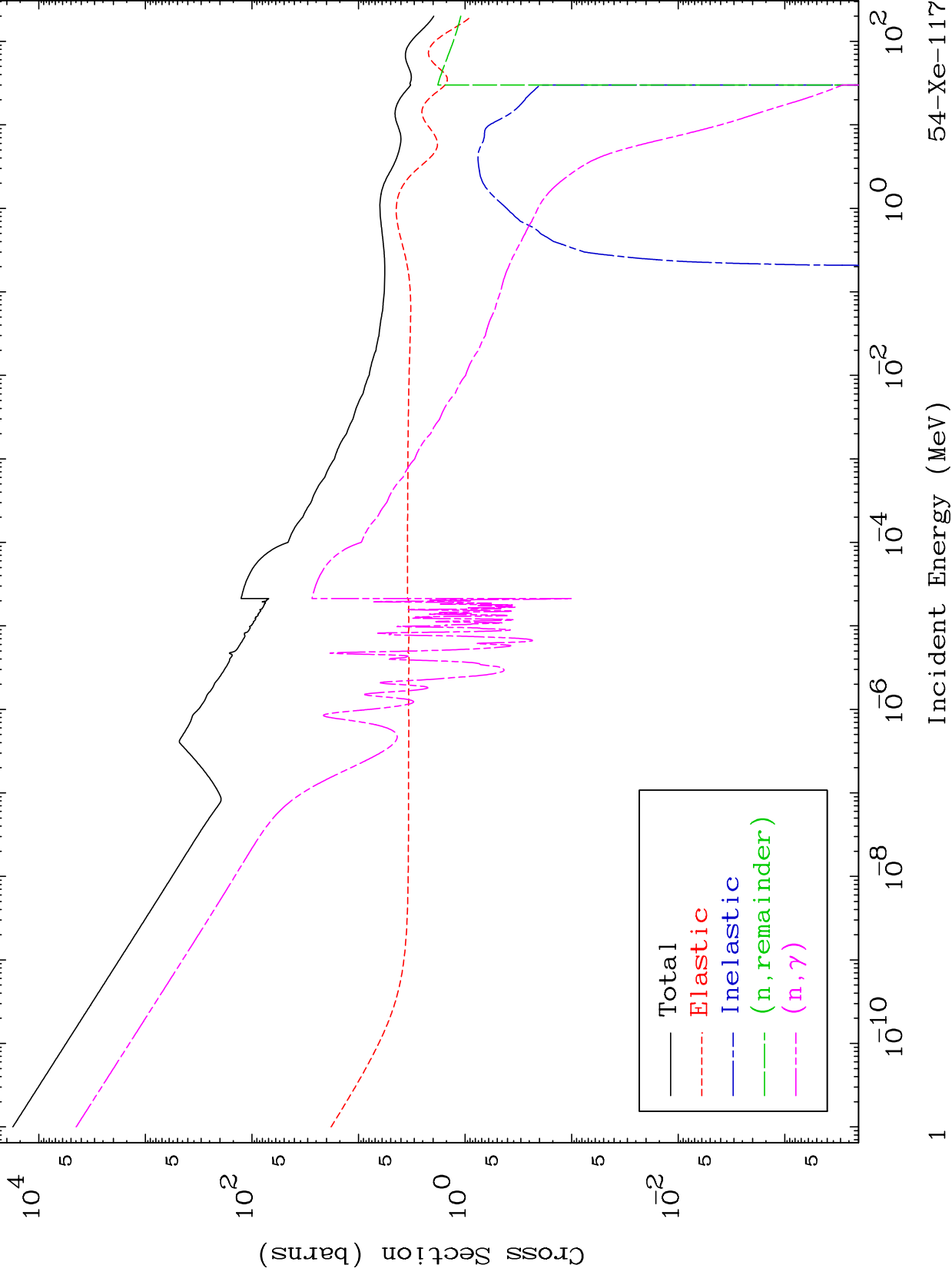
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5404

Major
293 Kelvin Cross Sections

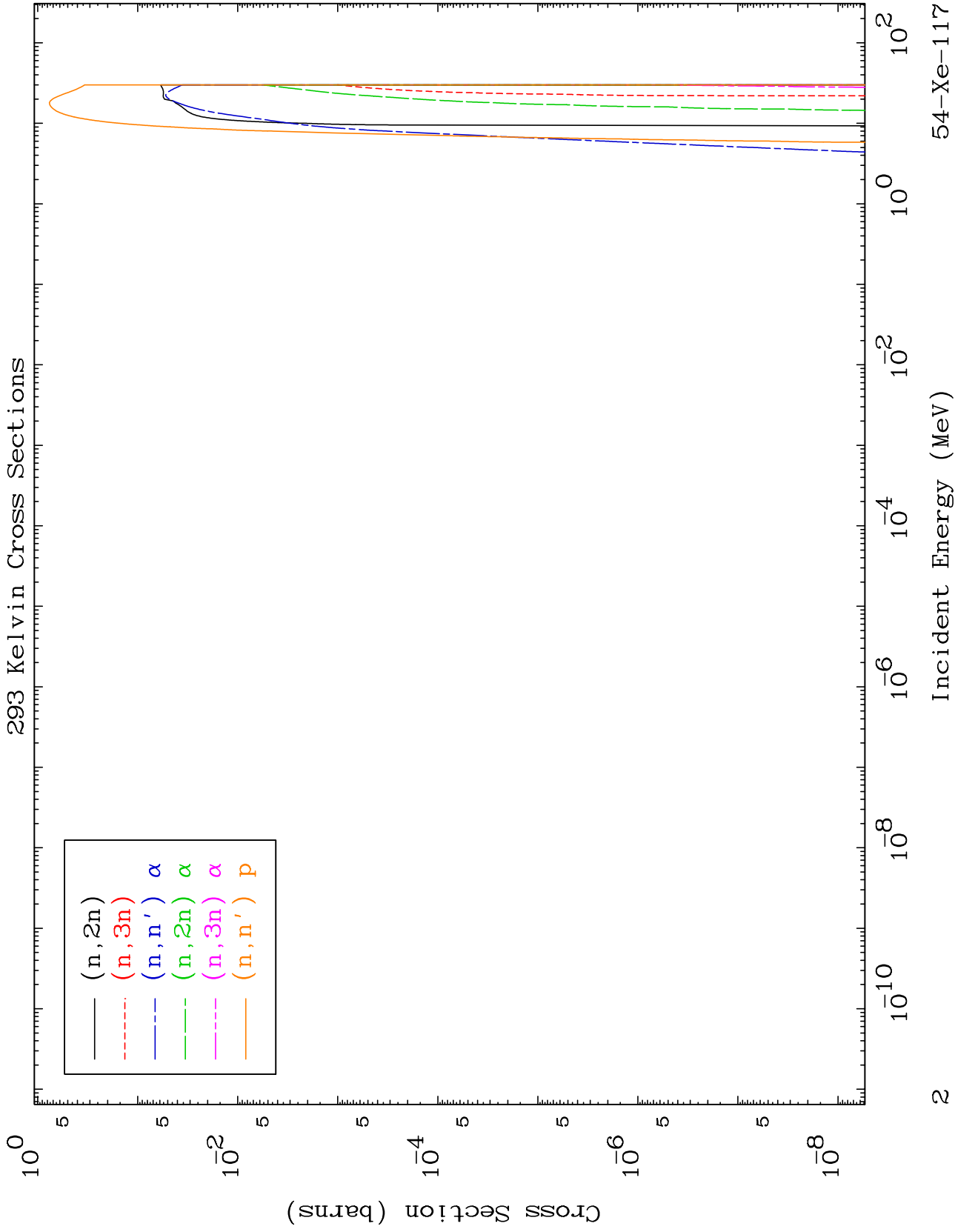
54-Xe-117



MAT 5404

Neutron Production
293 Kelvin Cross Sections

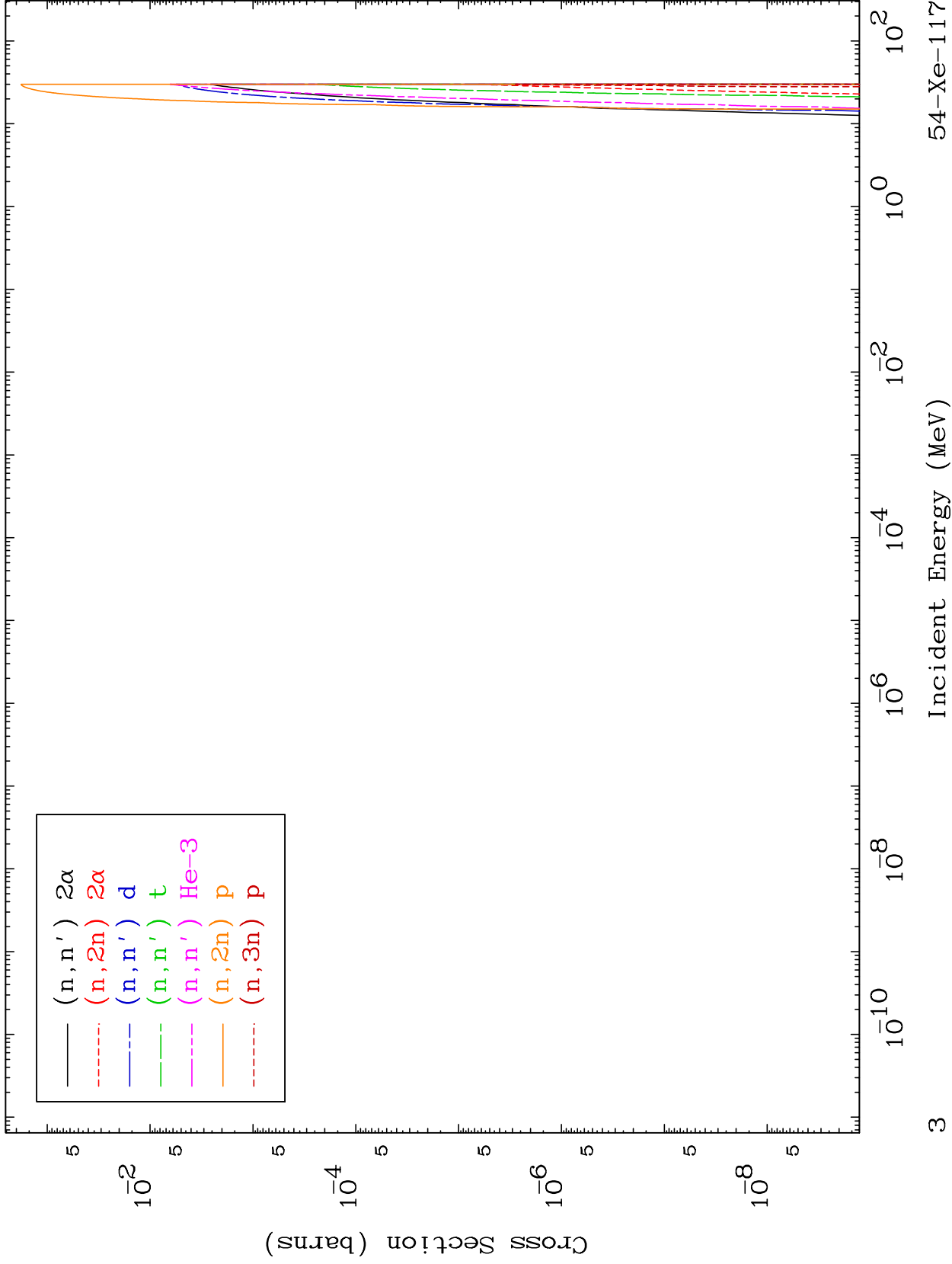
54-Xe-117



MAT 5404

Neutron Production
293 Kelvin Cross Sections

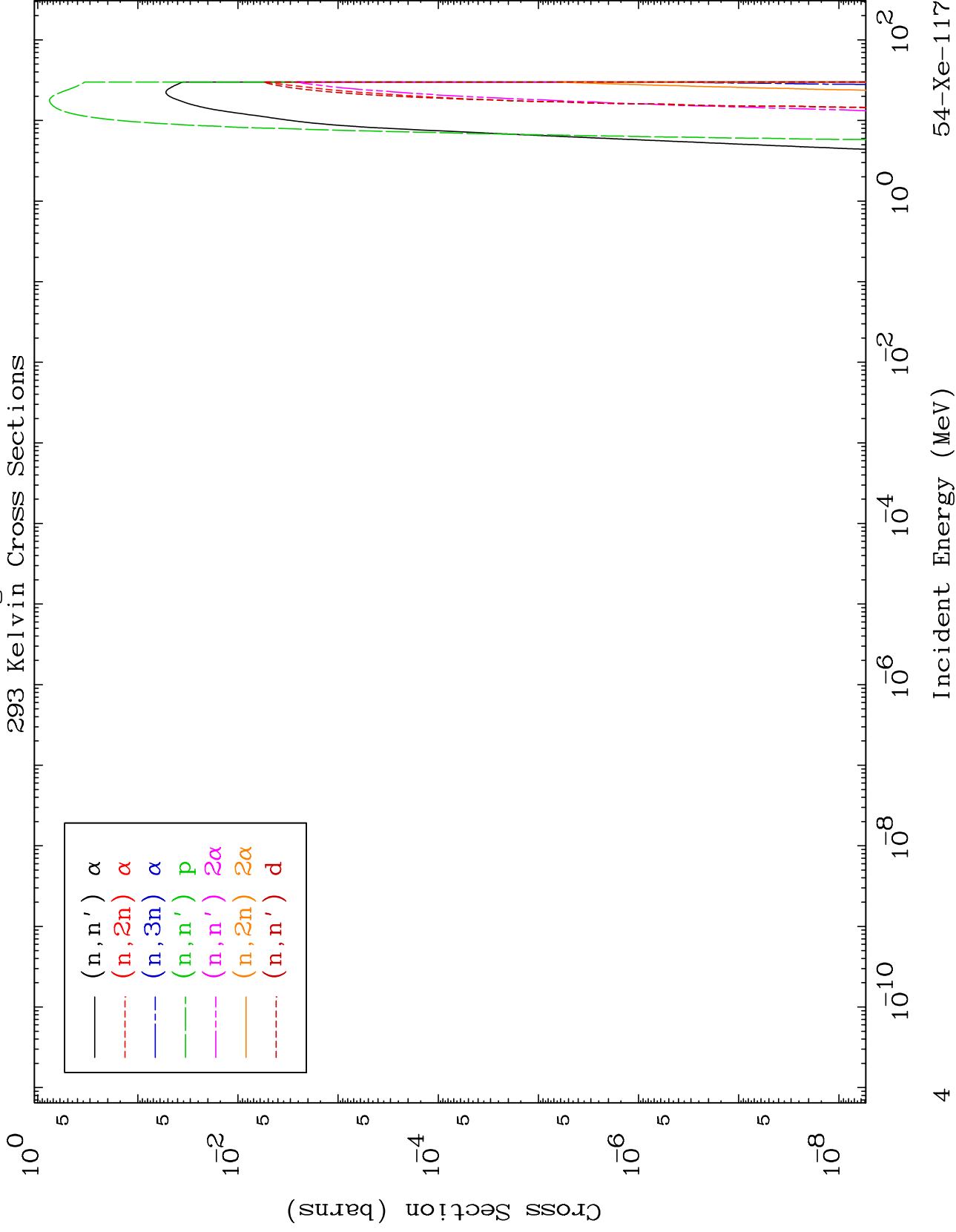
54-Xe-117



MAT 5404

Charged Particle
293 Kelvin Cross Sections

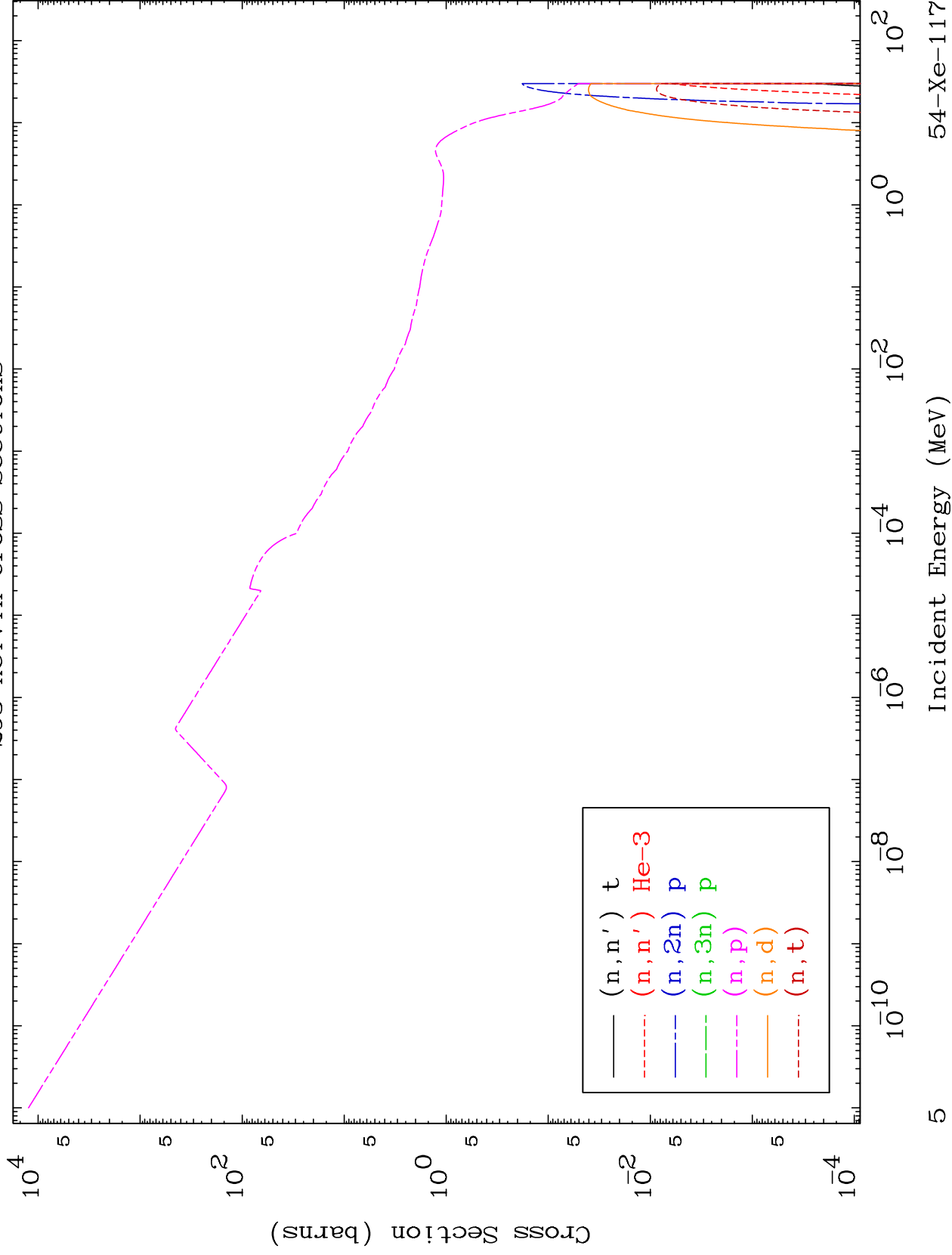
54-Xe-117



MAT 5404

Charged Particle
293 Kelvin Cross Sections

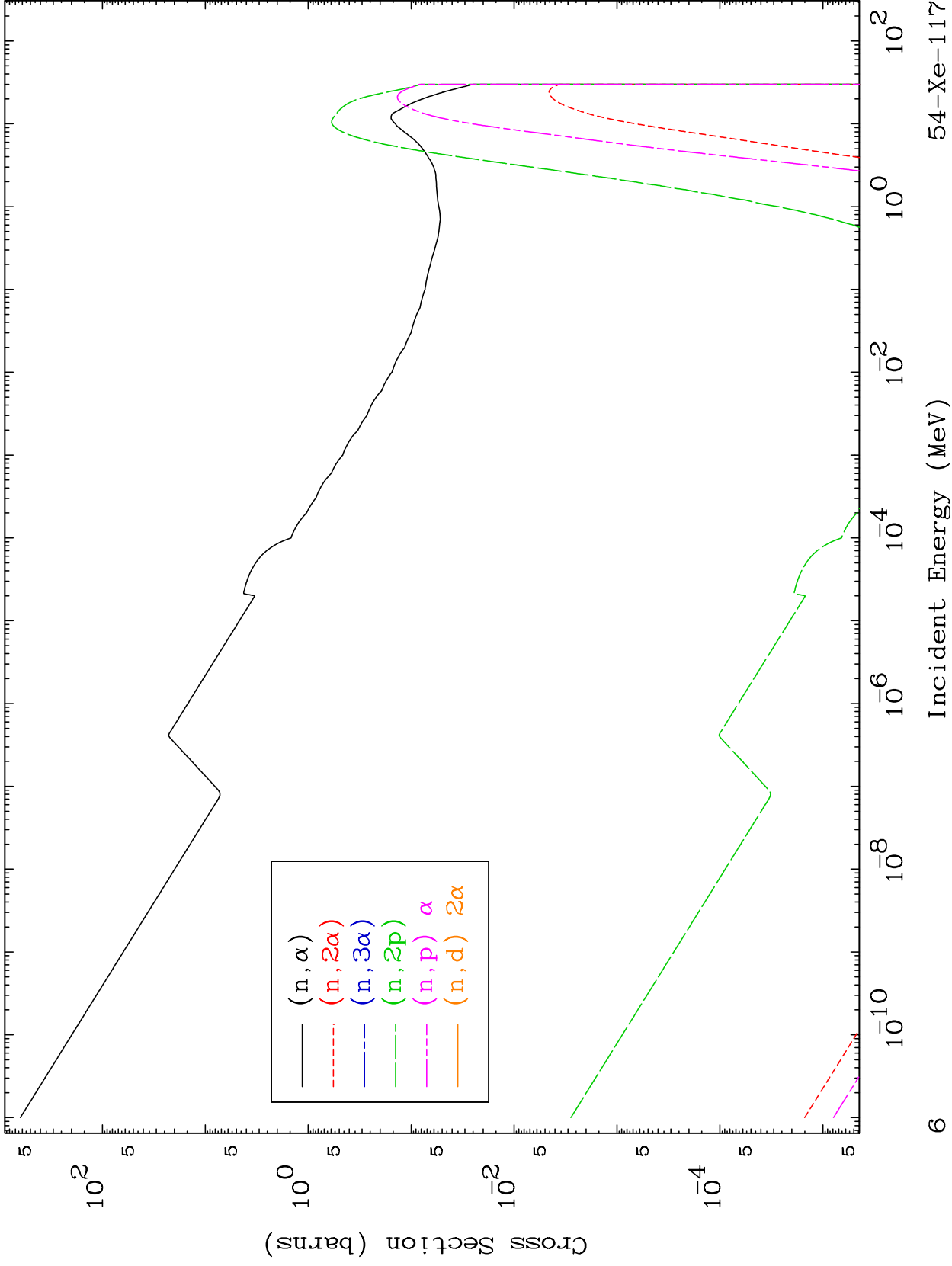
54-Xe-117



MAT 5404

Charged Particle
293 Kelvin Cross Sections

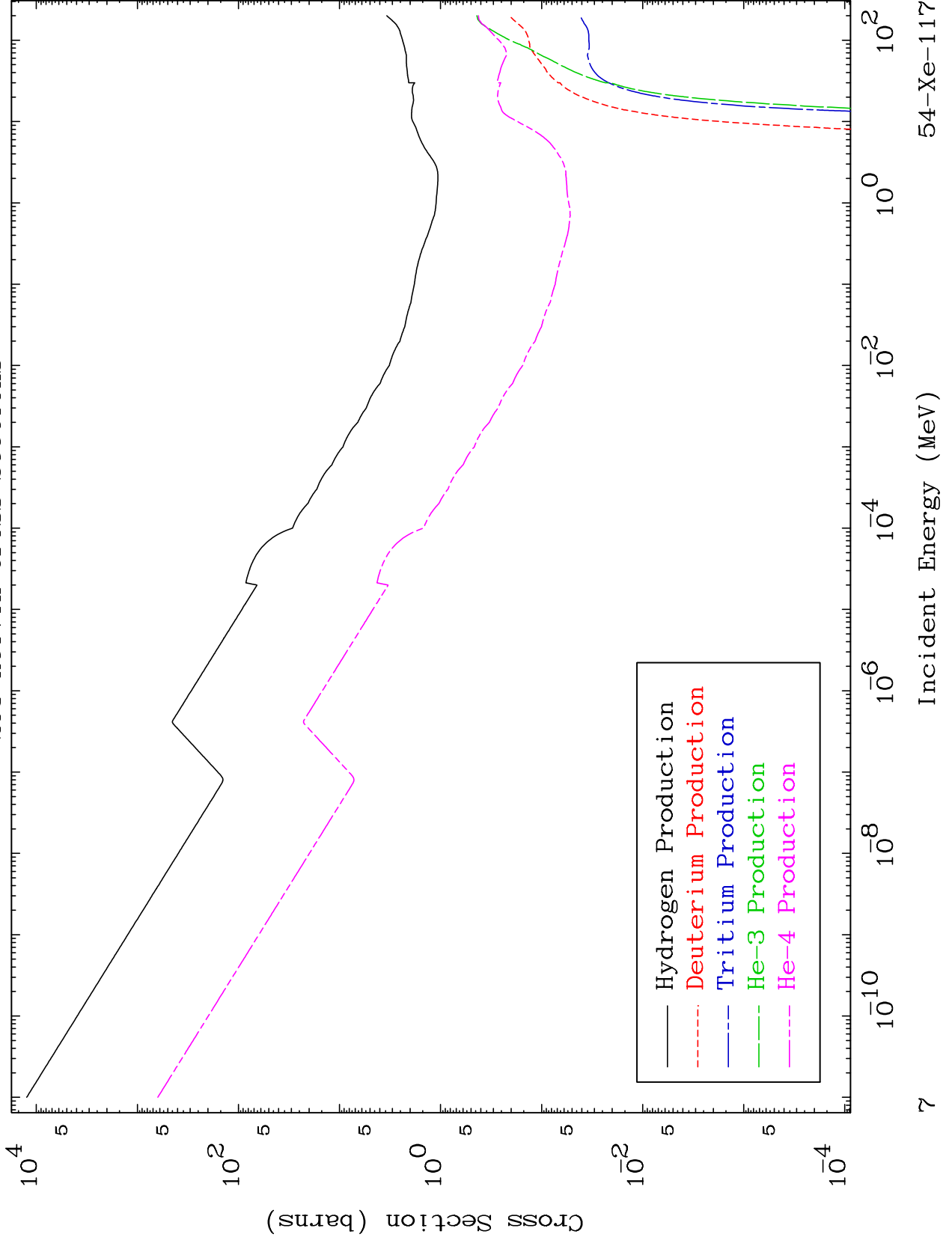
54-Xe-117



MAT 5404

Particle Production
293 Kelvin Cross Sections

54-Xe-117

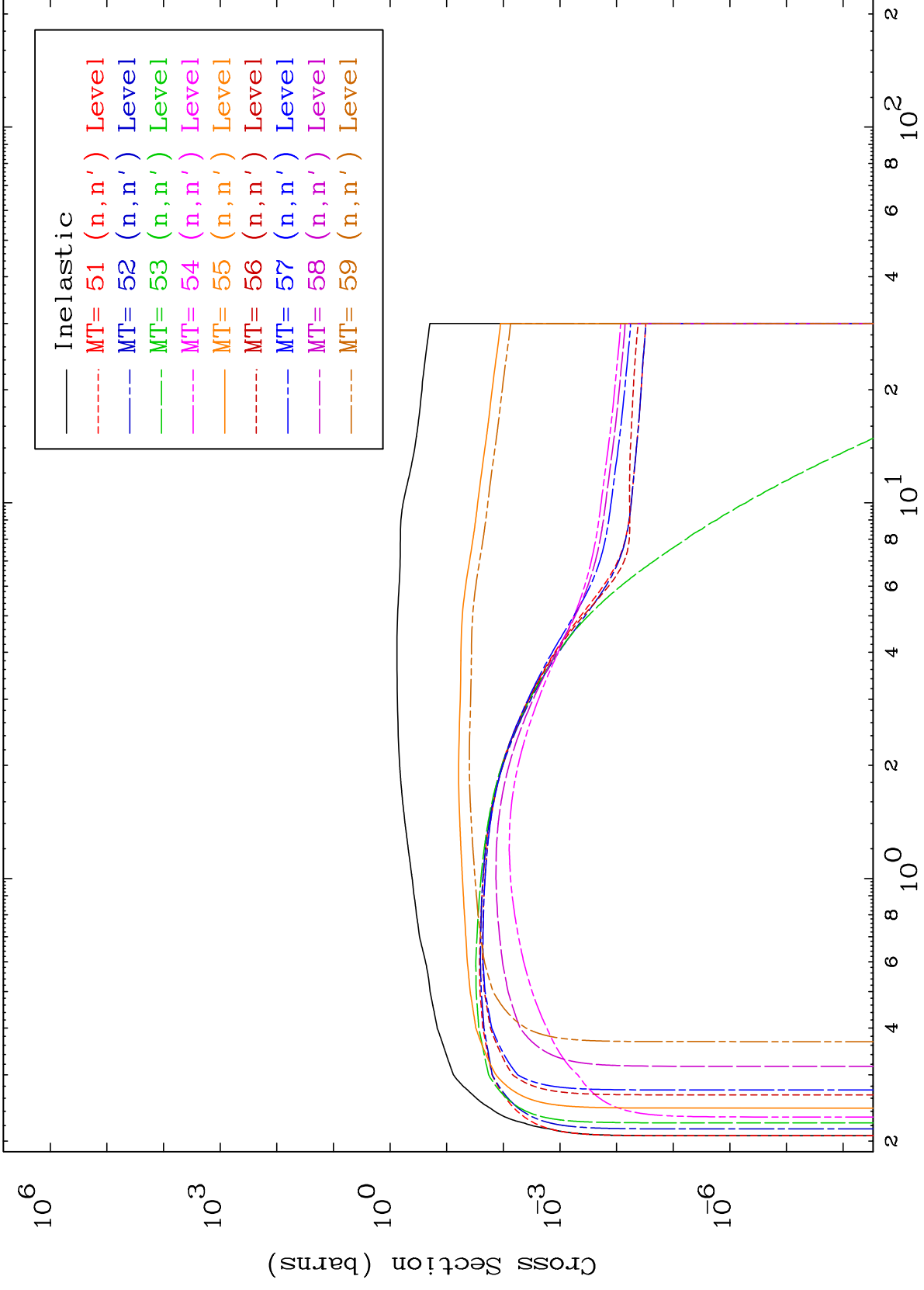


MAT 5404

(n,n') Level

54-Xe-117

293 Kelvin Cross Sections



8

Incident Energy (MeV)

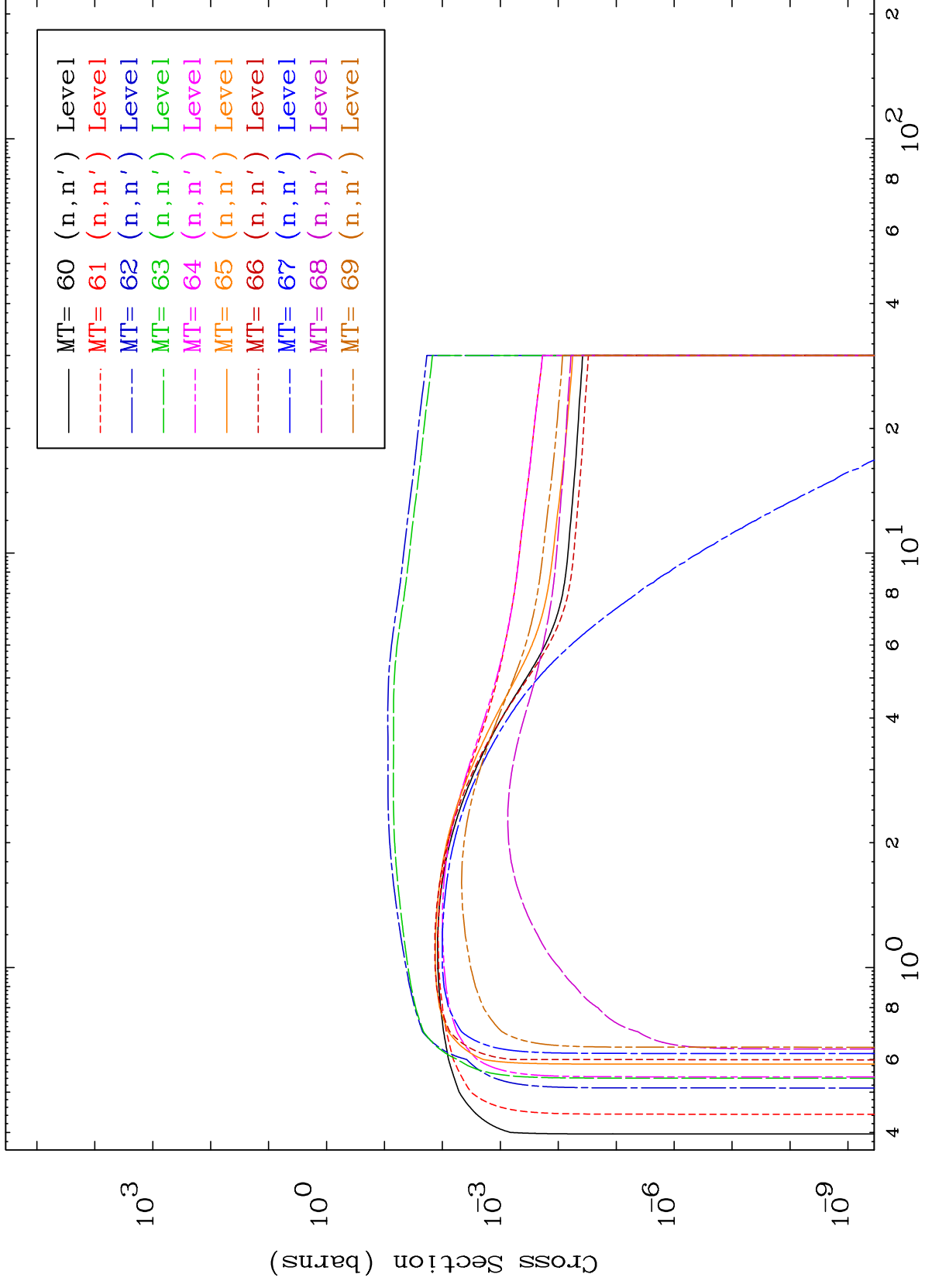
54-Xe-117

MAT 5404

(n,n') Level

54-Xe-117

293 Kelvin Cross Sections



9

Incident Energy (MeV)

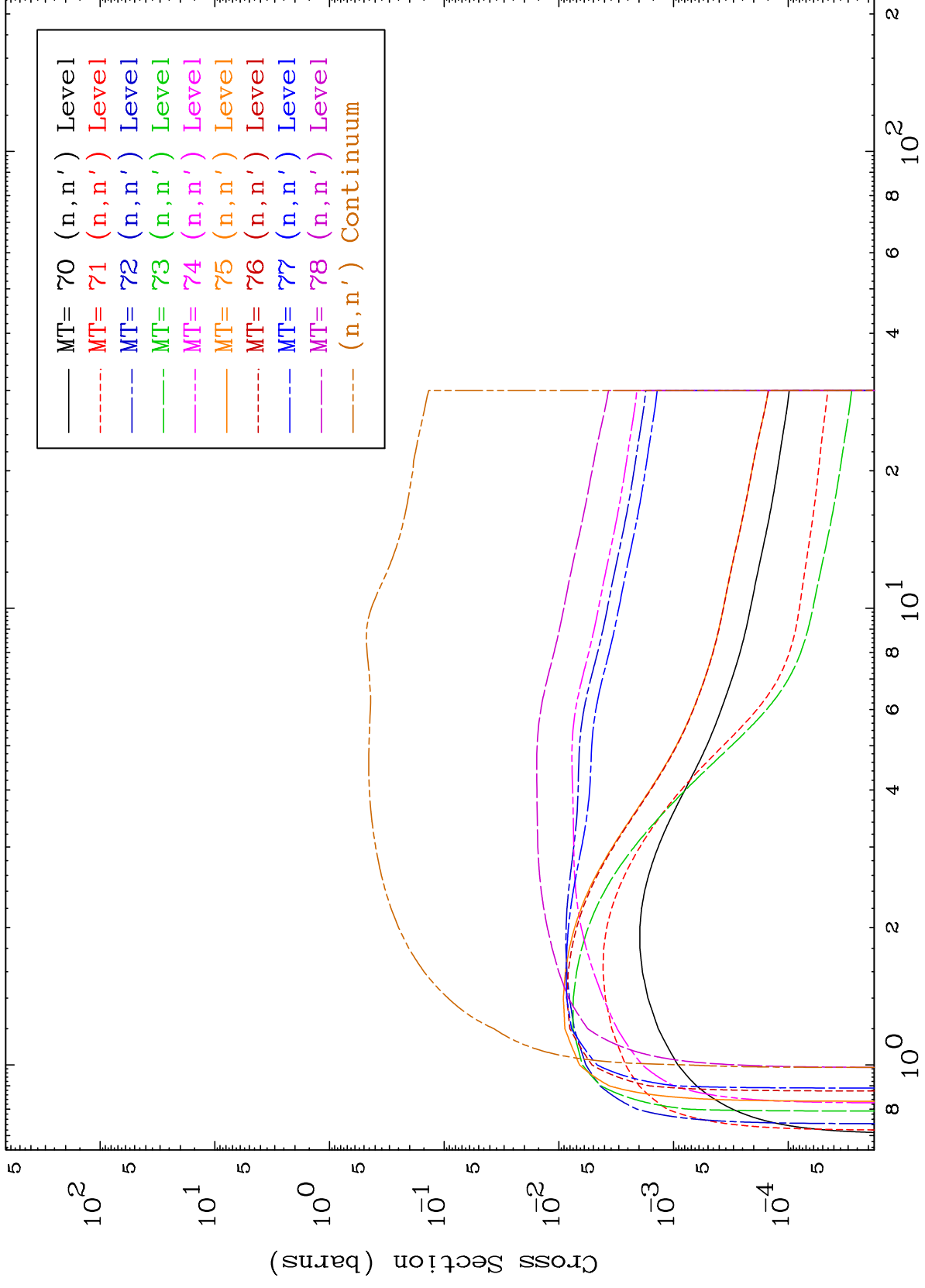
54-Xe-117

MAT 5404

(n,n') Level

54-Xe-117

293 Kelvin Cross Sections



10

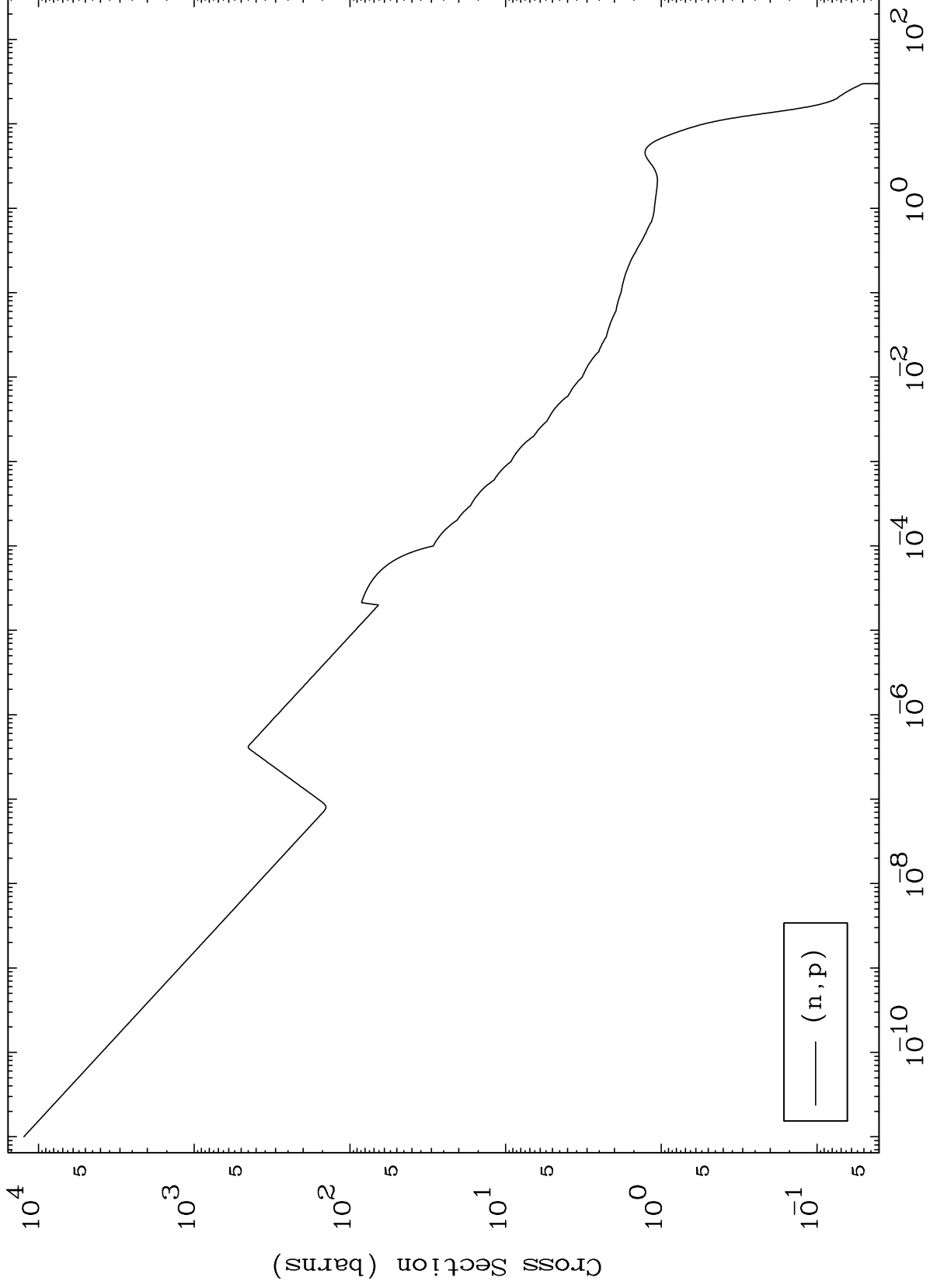
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,p) Levels
293 Kelvin Cross Sections

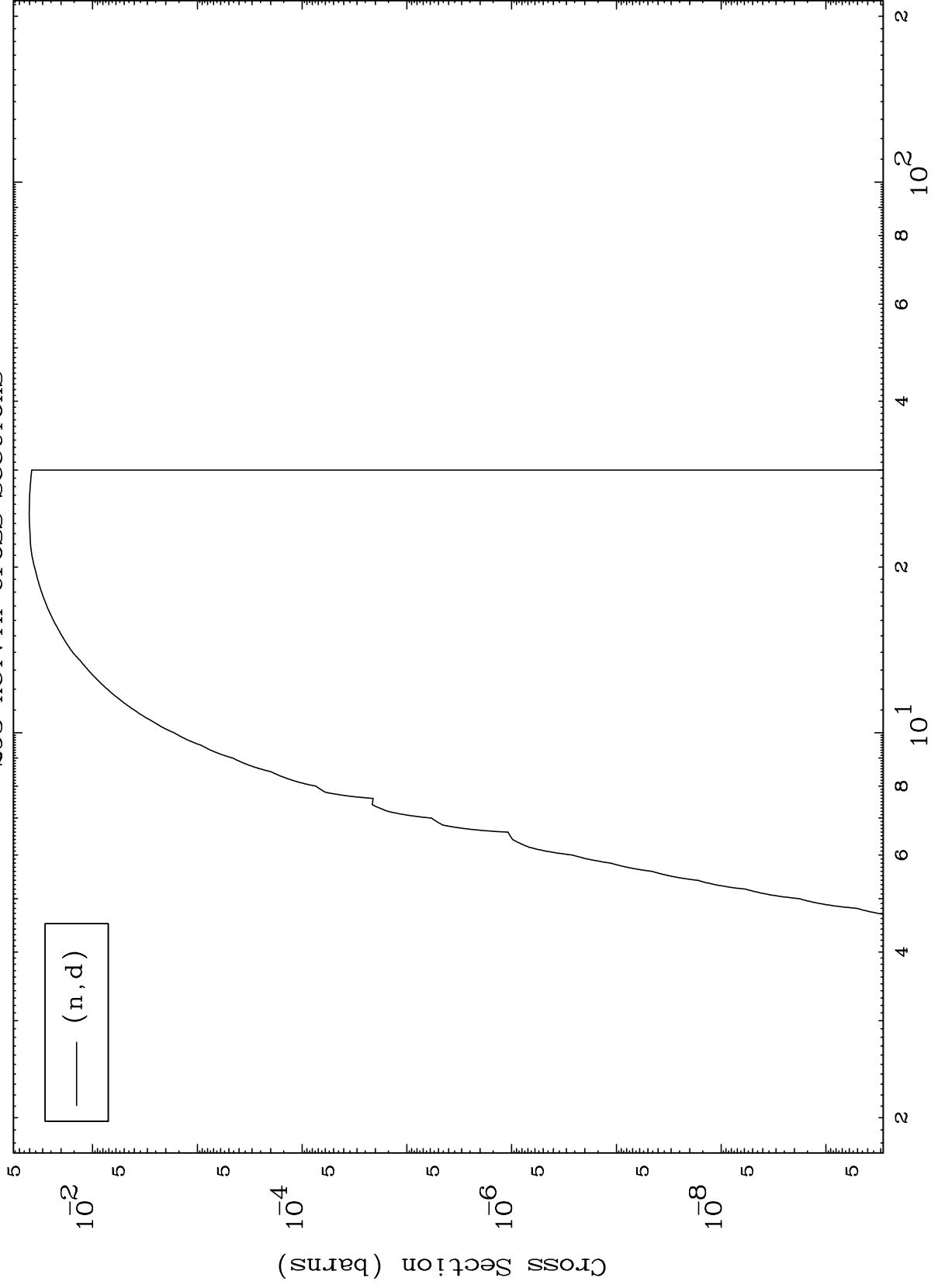
54-Xe-117



MAT 5404

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-117



12

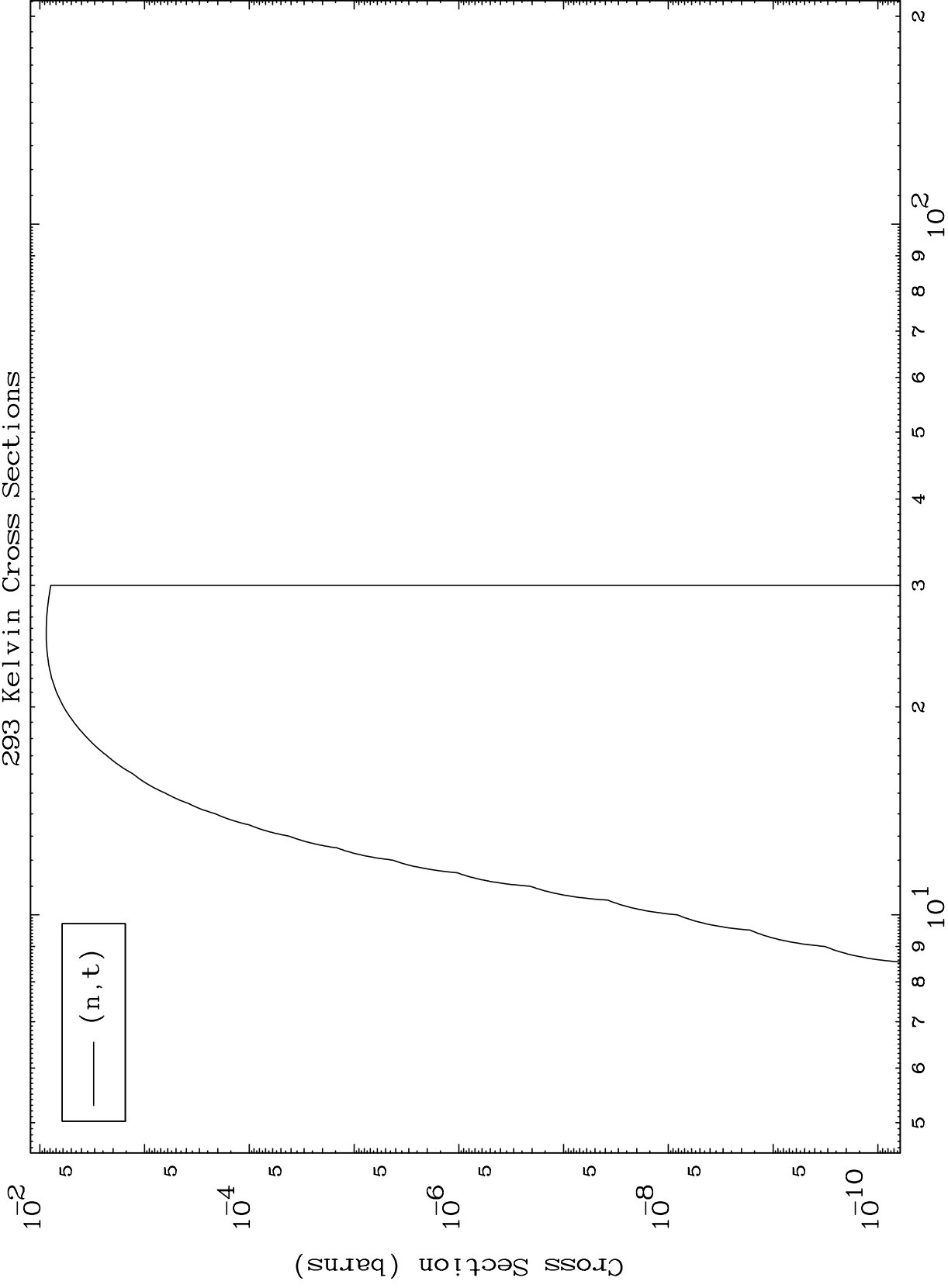
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-117



13

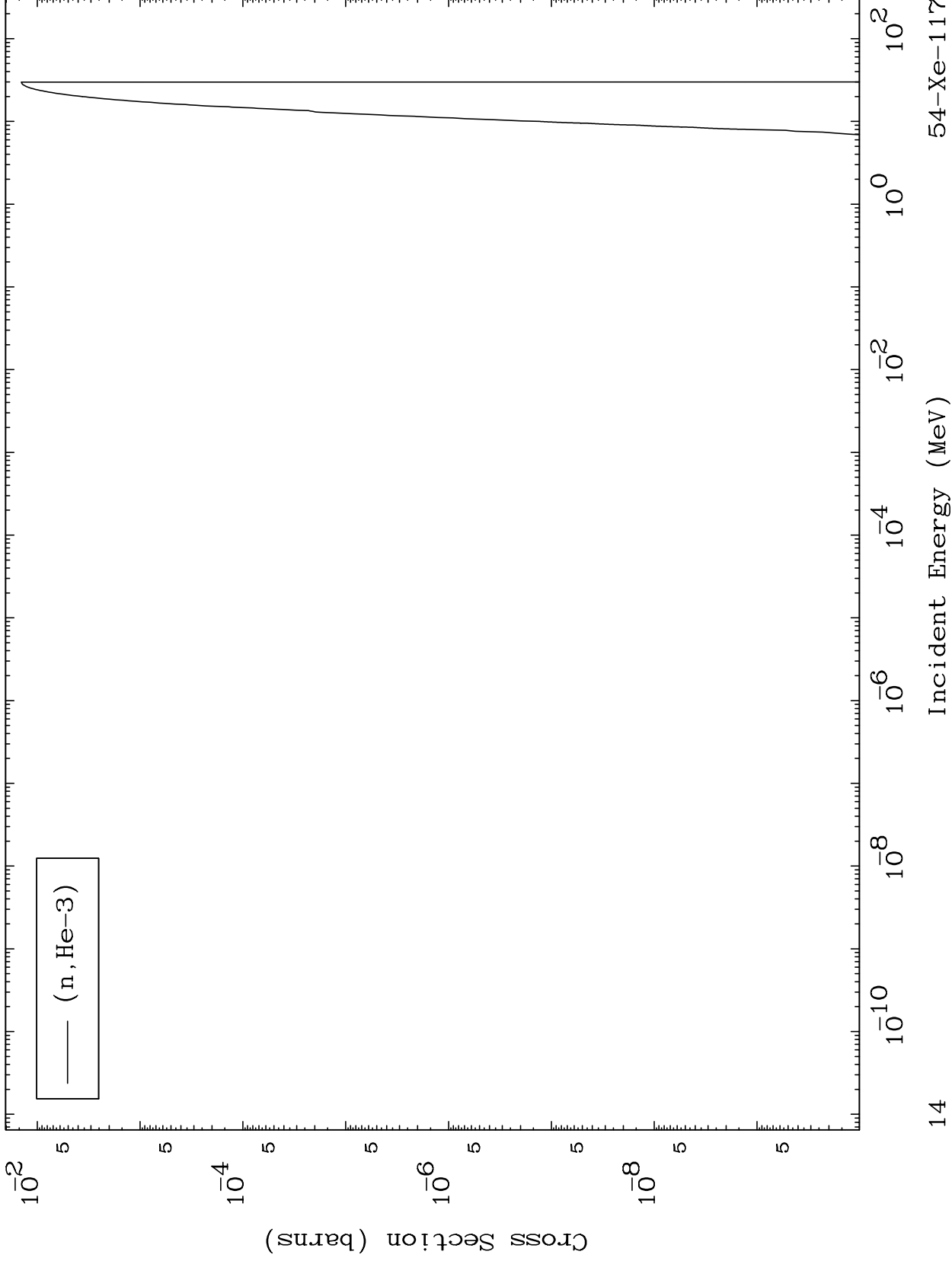
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,He3) Levels
293 Kelvin Cross Sections

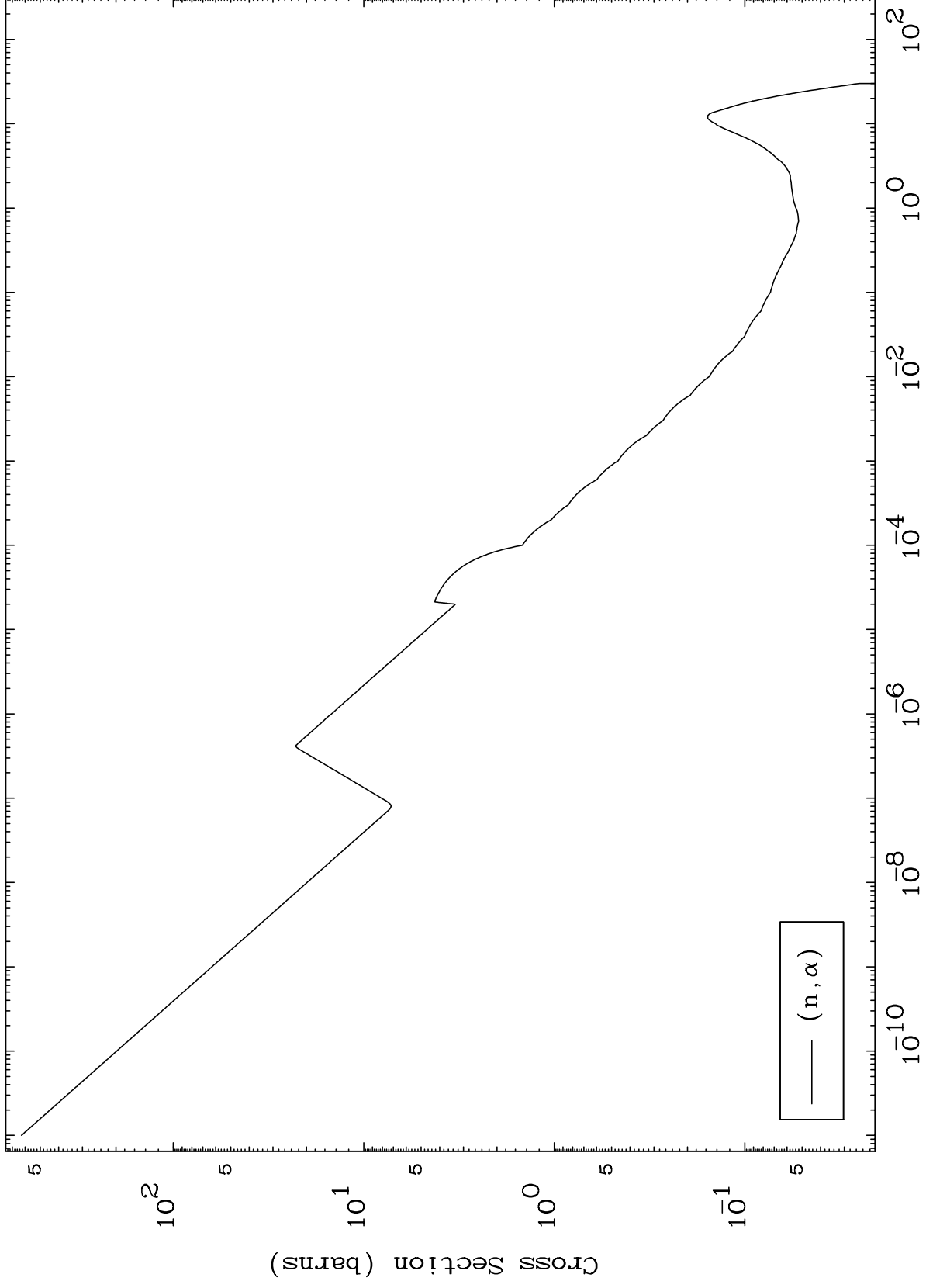
54-Xe-117



MAT 5404

(n, α) Levels
293 Kelvin Cross Sections

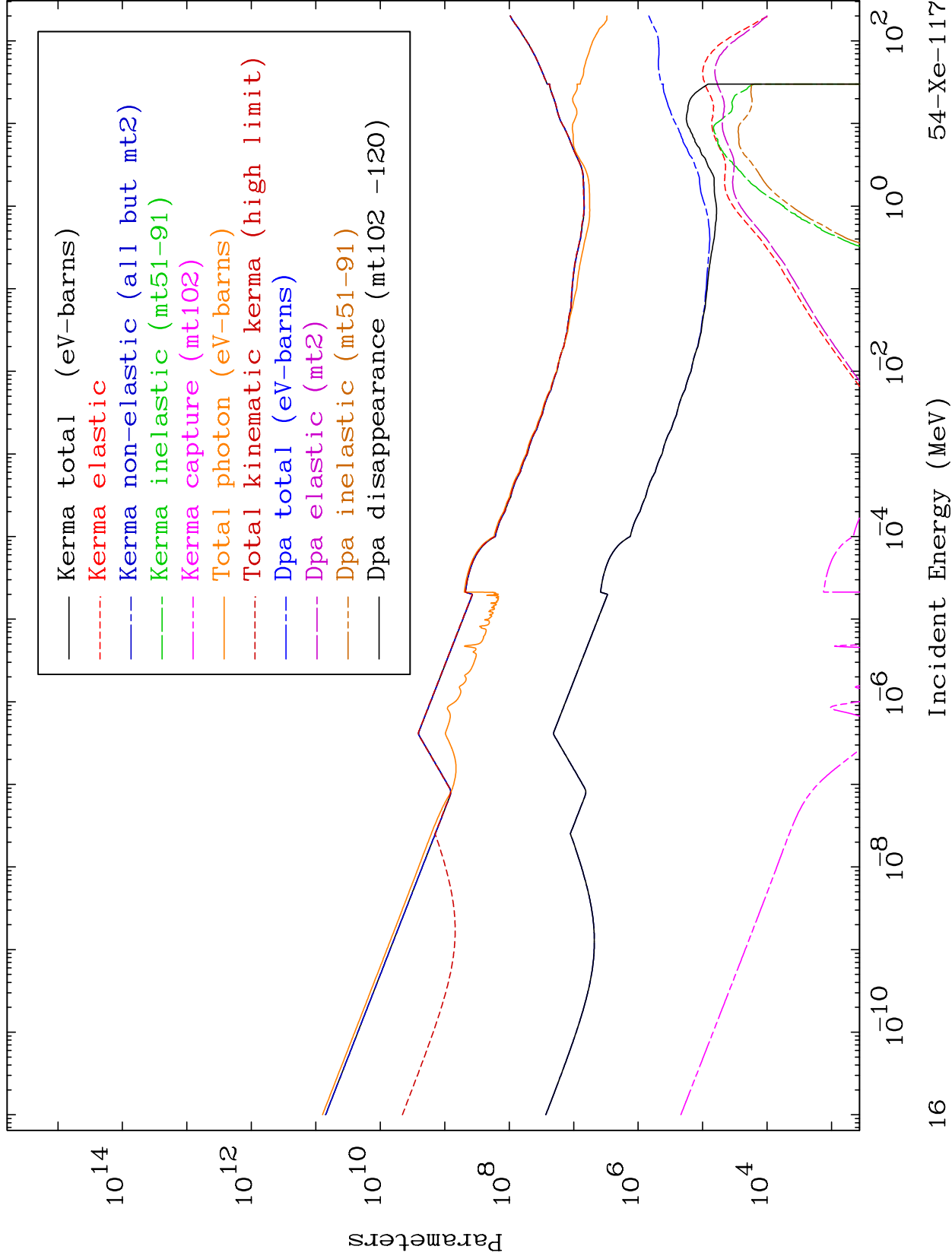
54-Xe-117



15

Incident Energy (MeV)

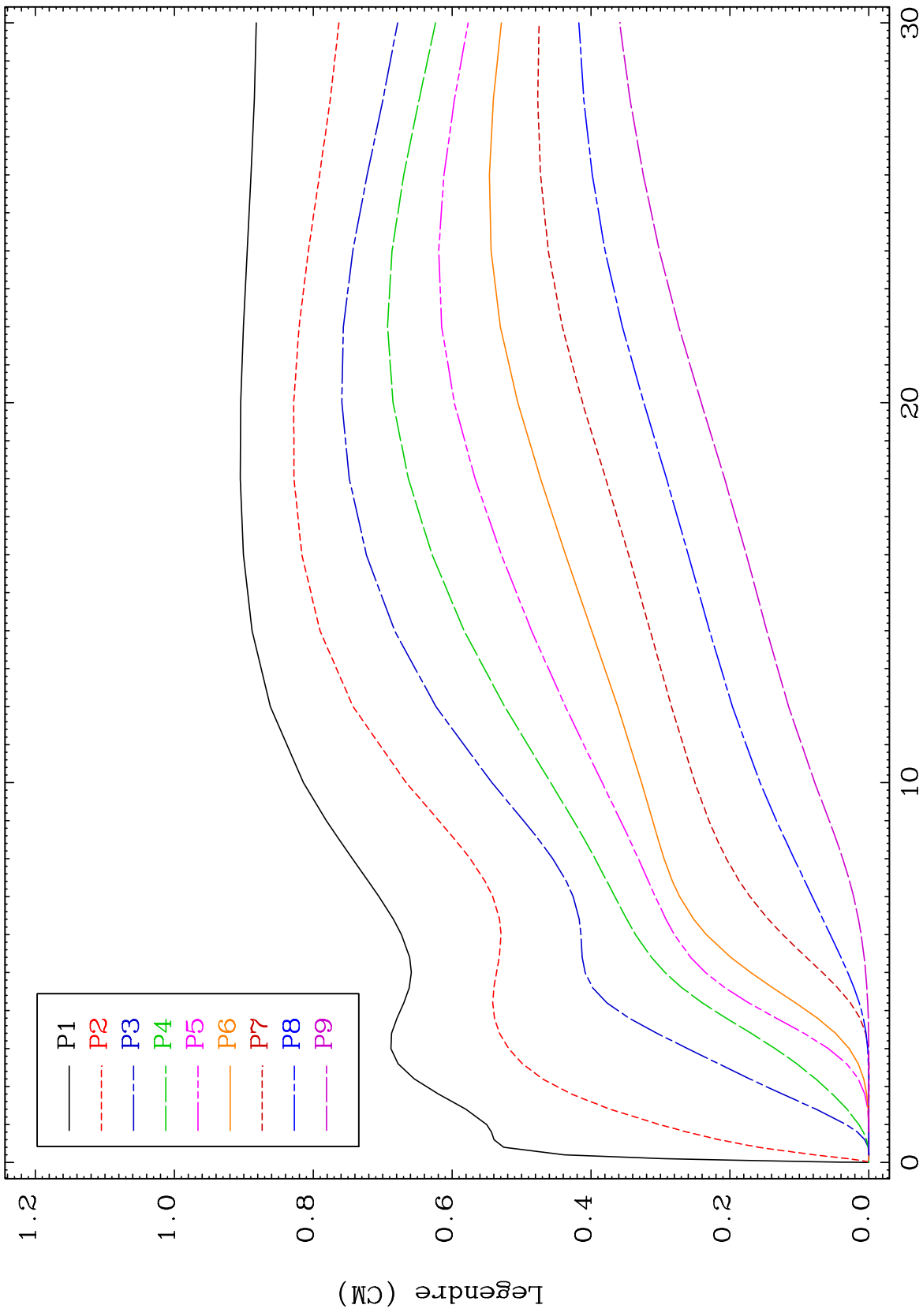
54-Xe-117



MAT 5404

Elastic Legendre Coefficients

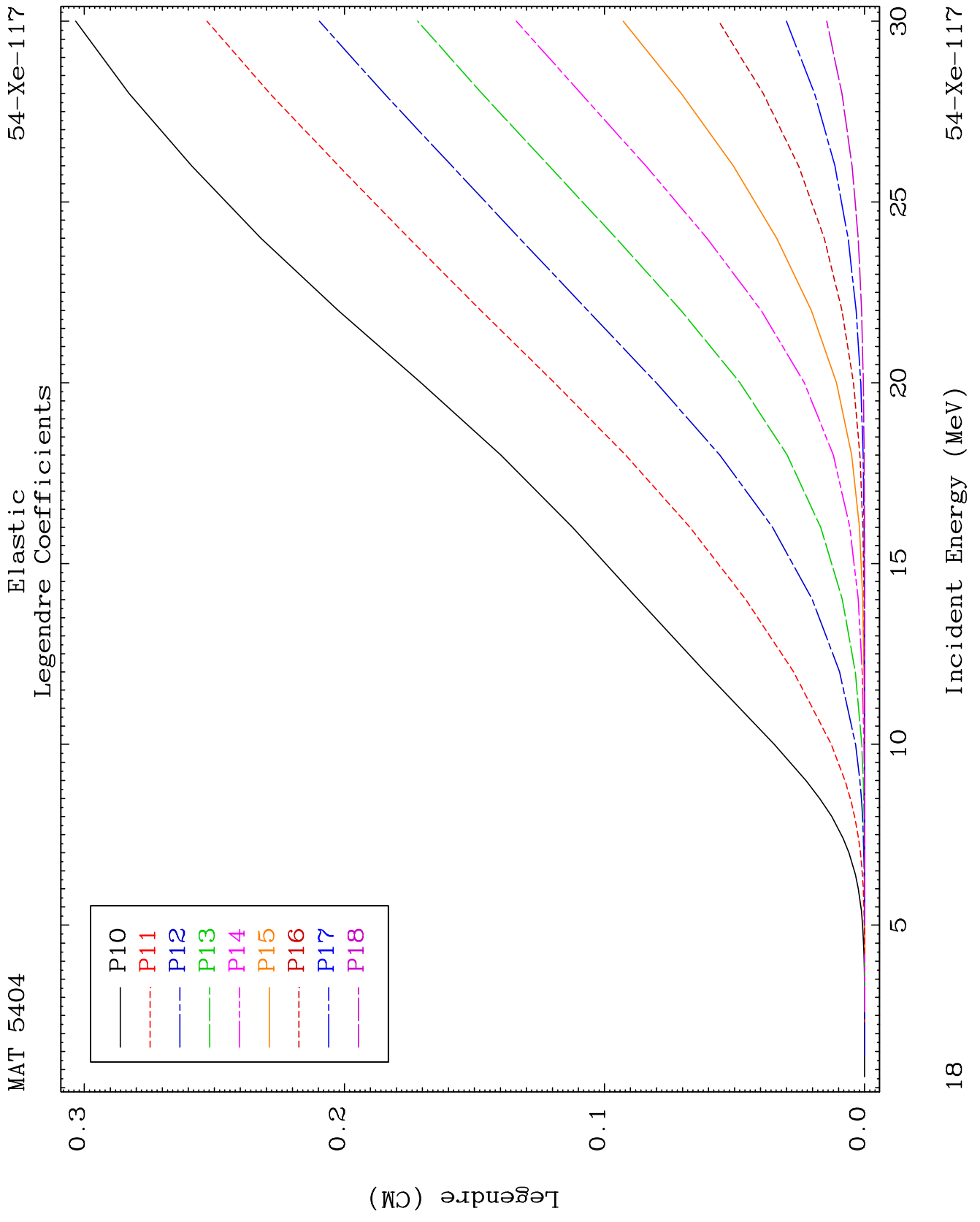
54-Xe-117



17

Incident Energy (MeV)

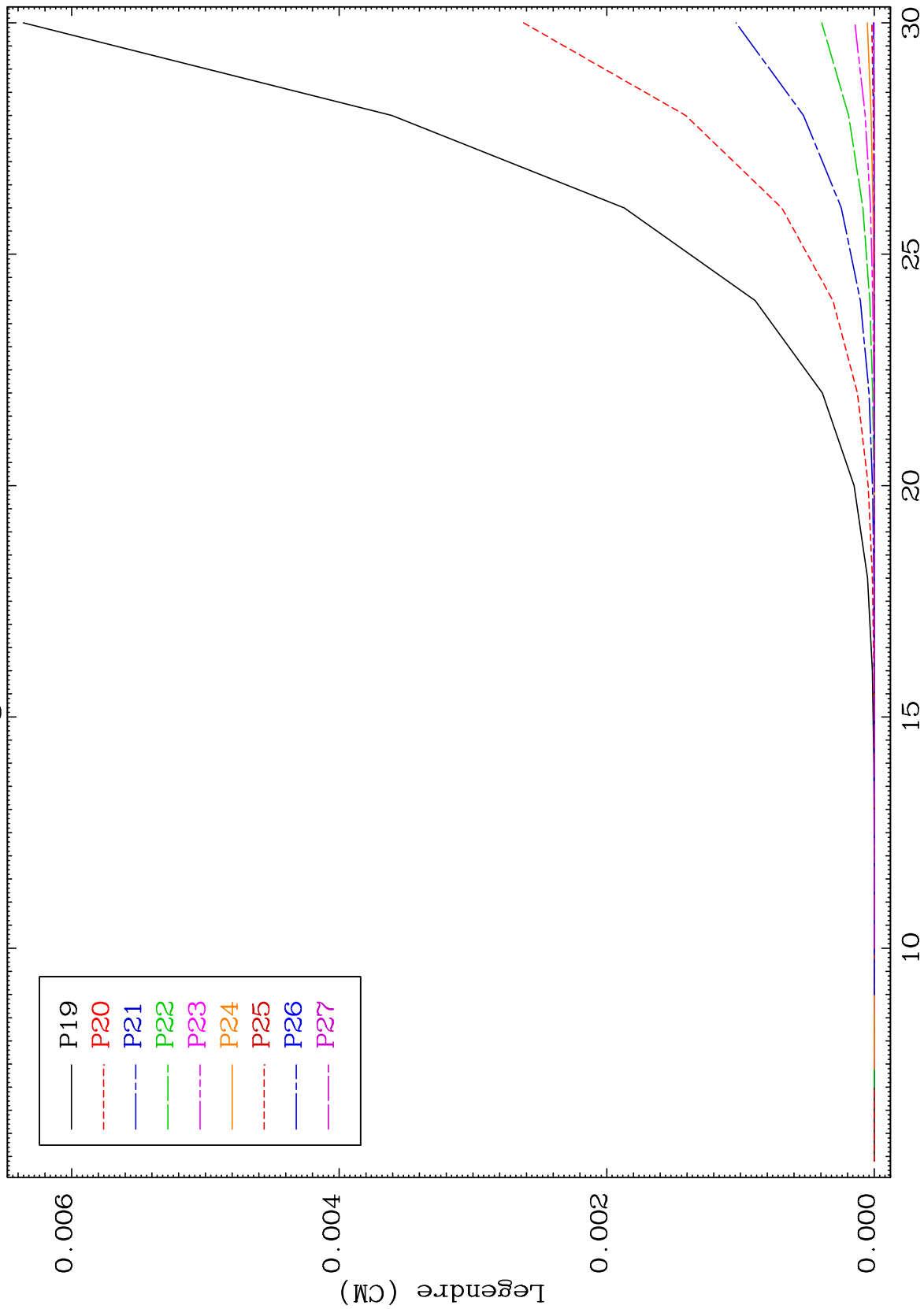
54-Xe-117



MAT 5404

Elastic Legendre Coefficients

54-Xe-117



19

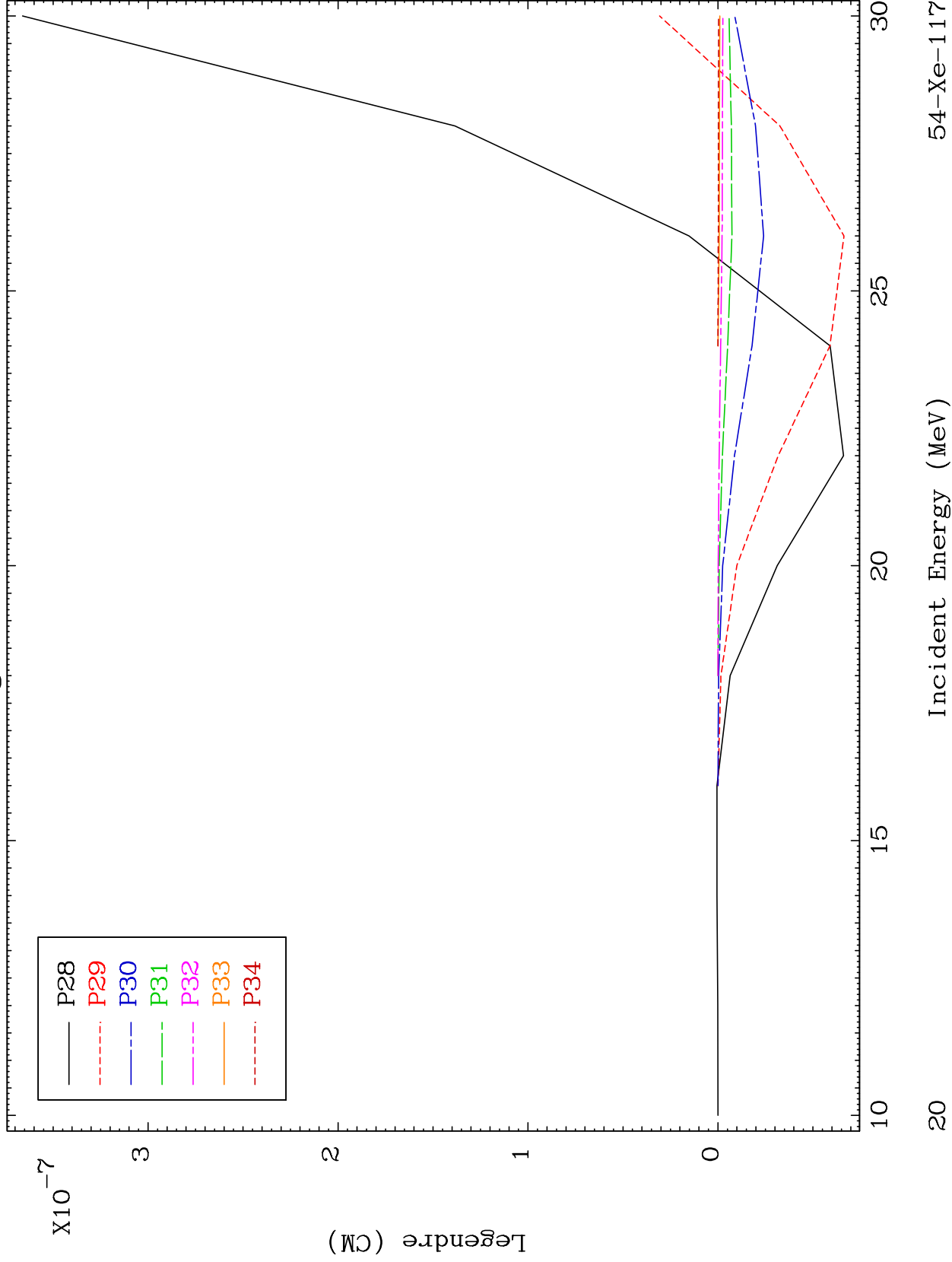
Incident Energy (MeV)

54-Xe-117

MAT 5404

Elastic Legendre Coefficients

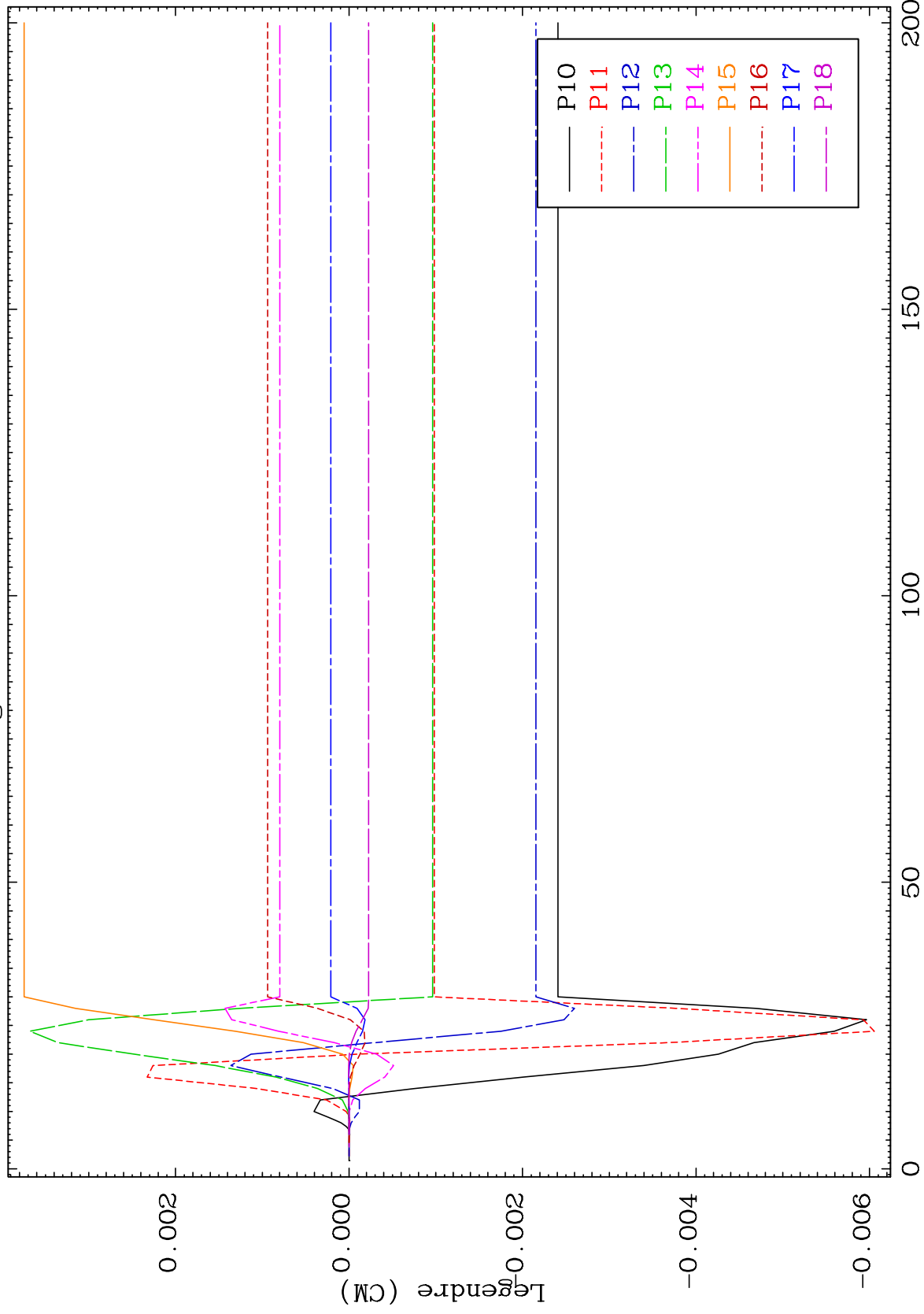
54-Xe-117



MAT 5404

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

54-Xe-117



22

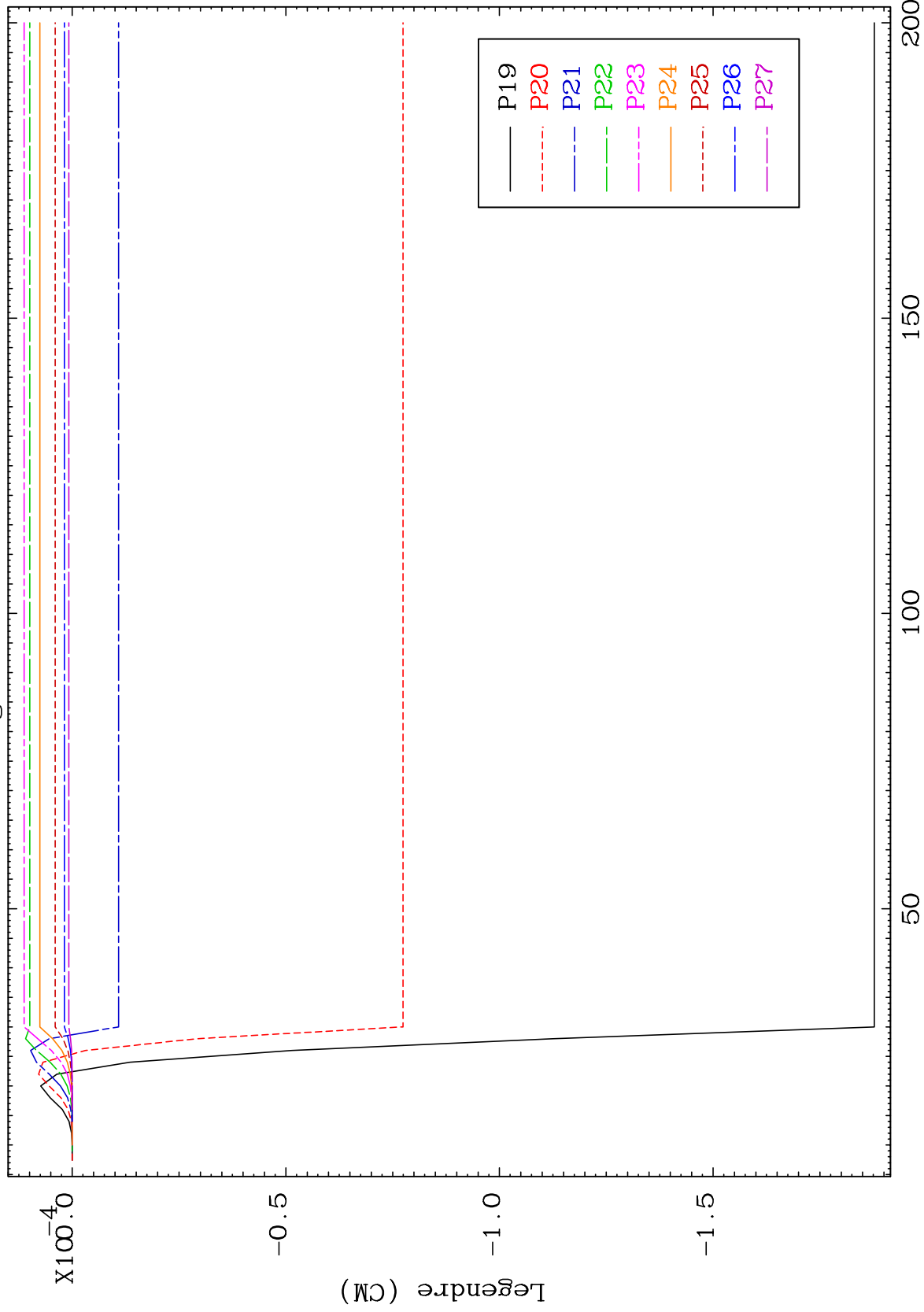
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

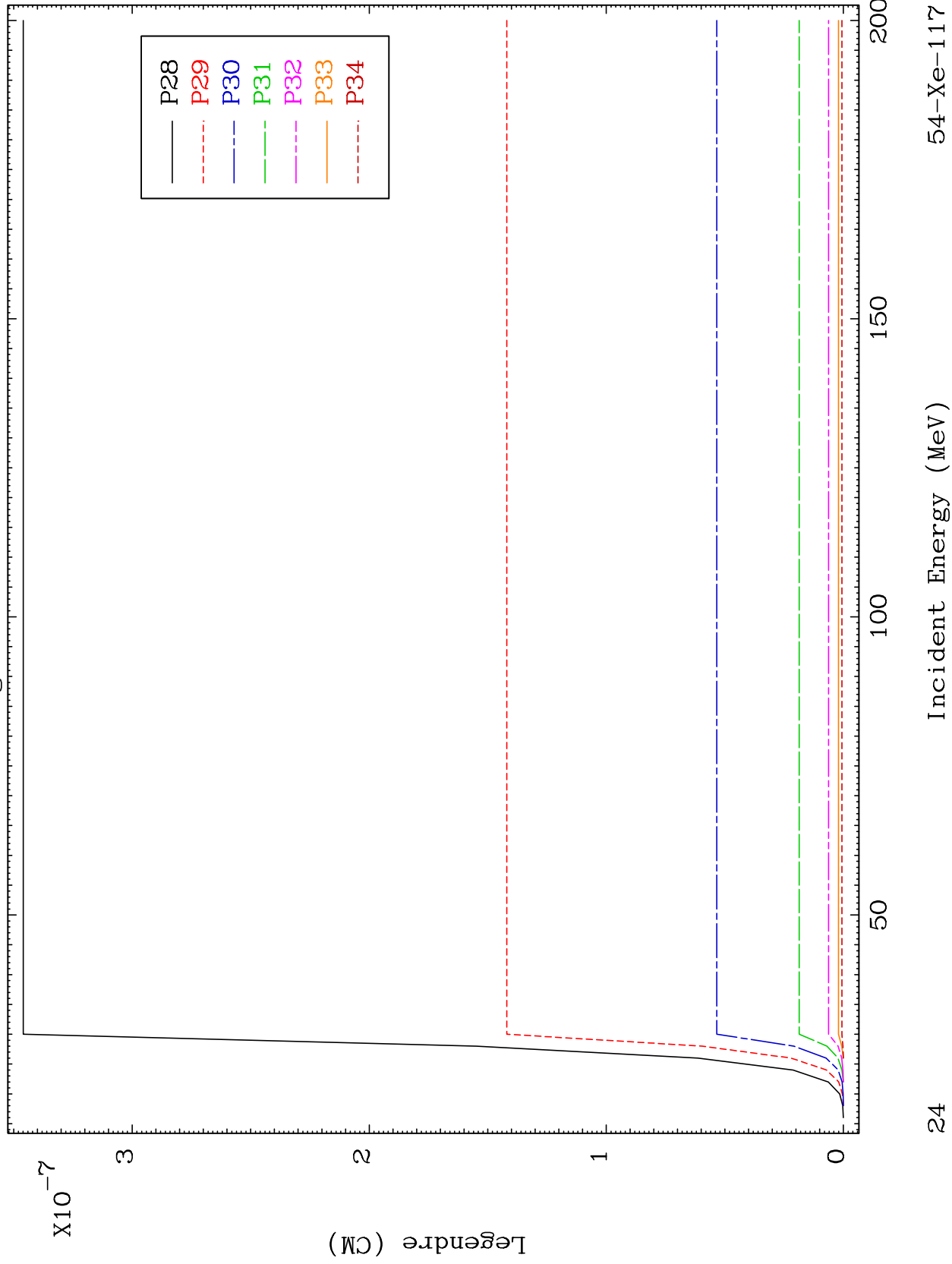
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MAT 5404

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

54-Xe-117



24

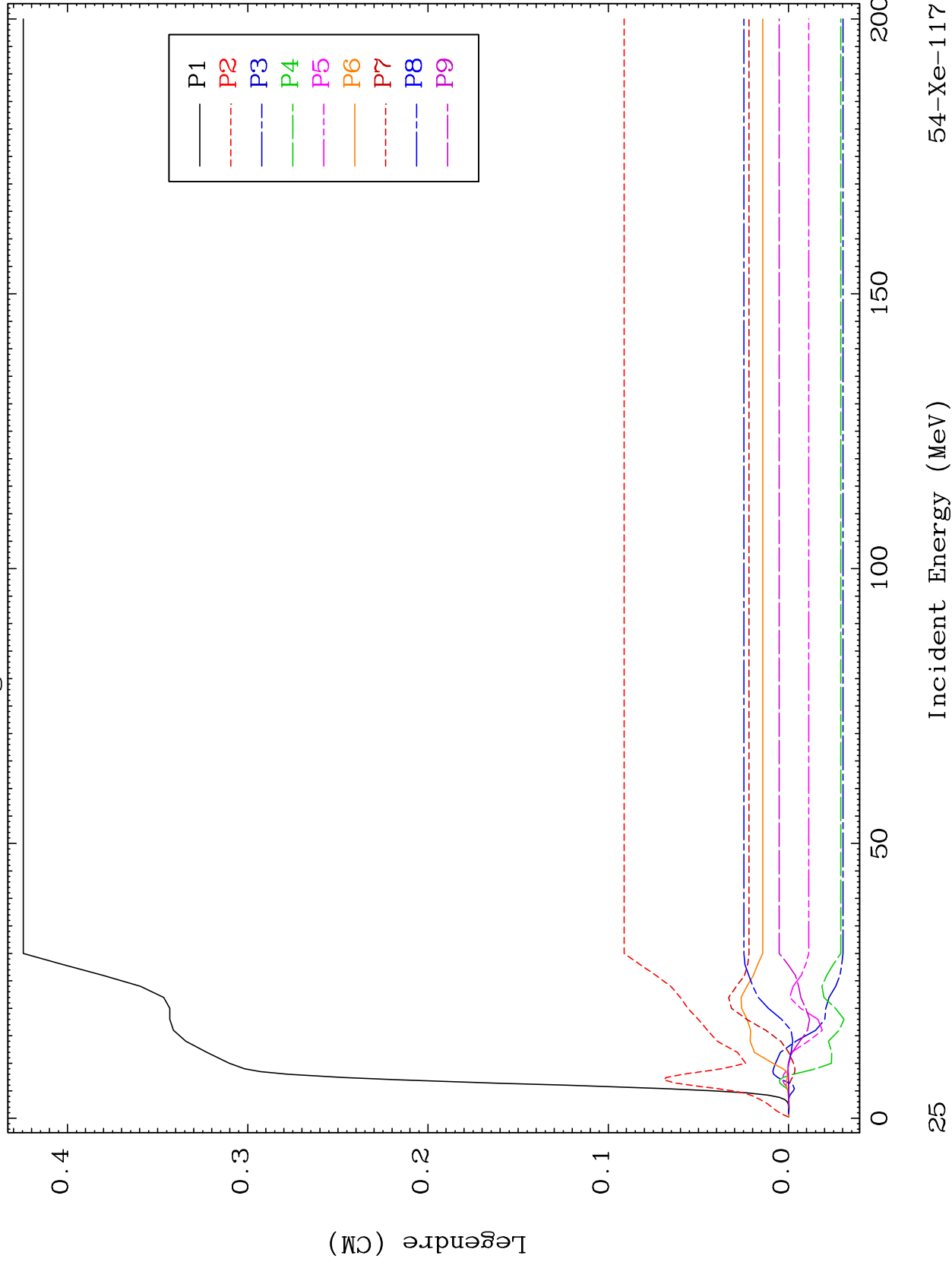
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

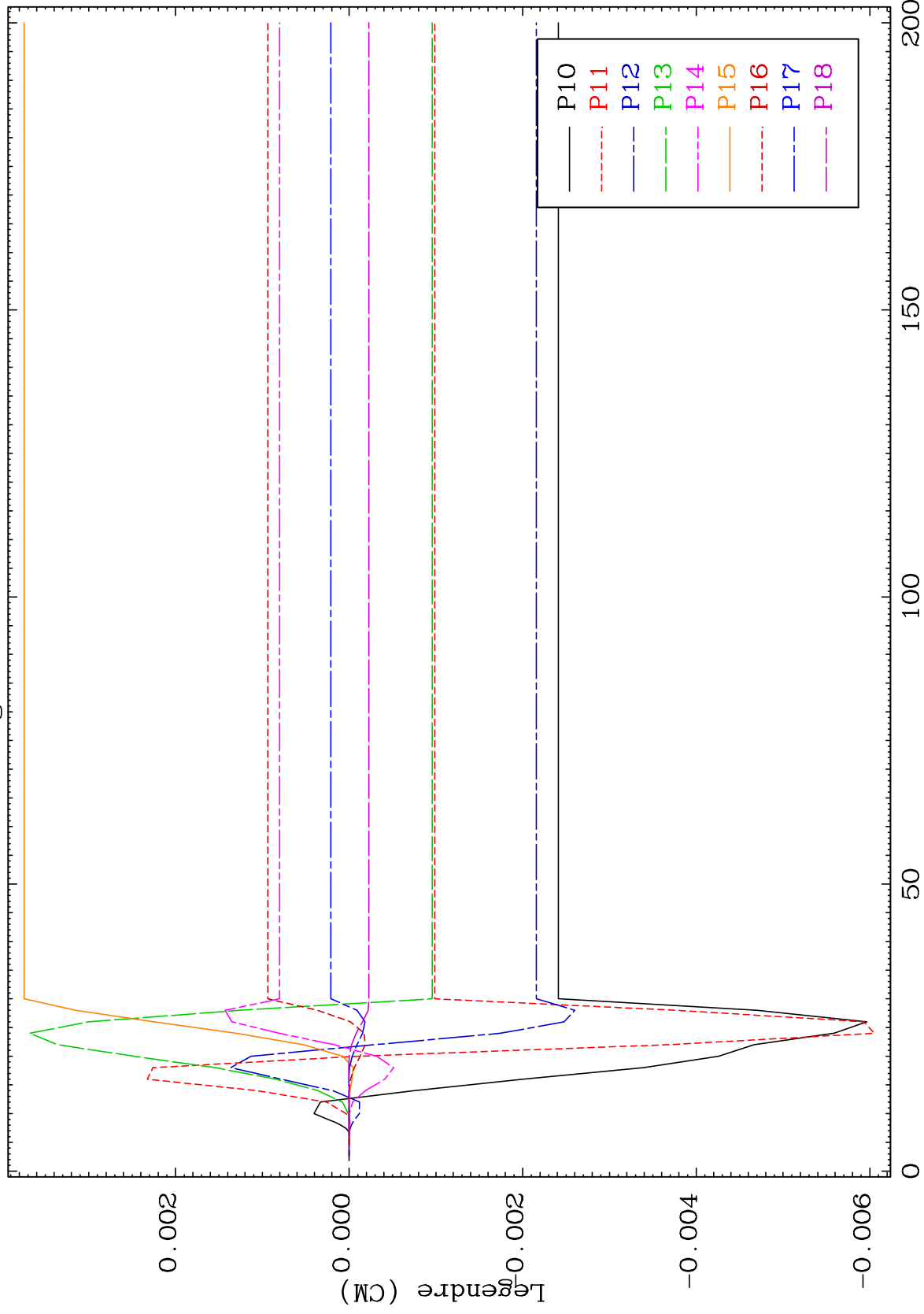
Incident Energy (MeV)

25

MAT 5404

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

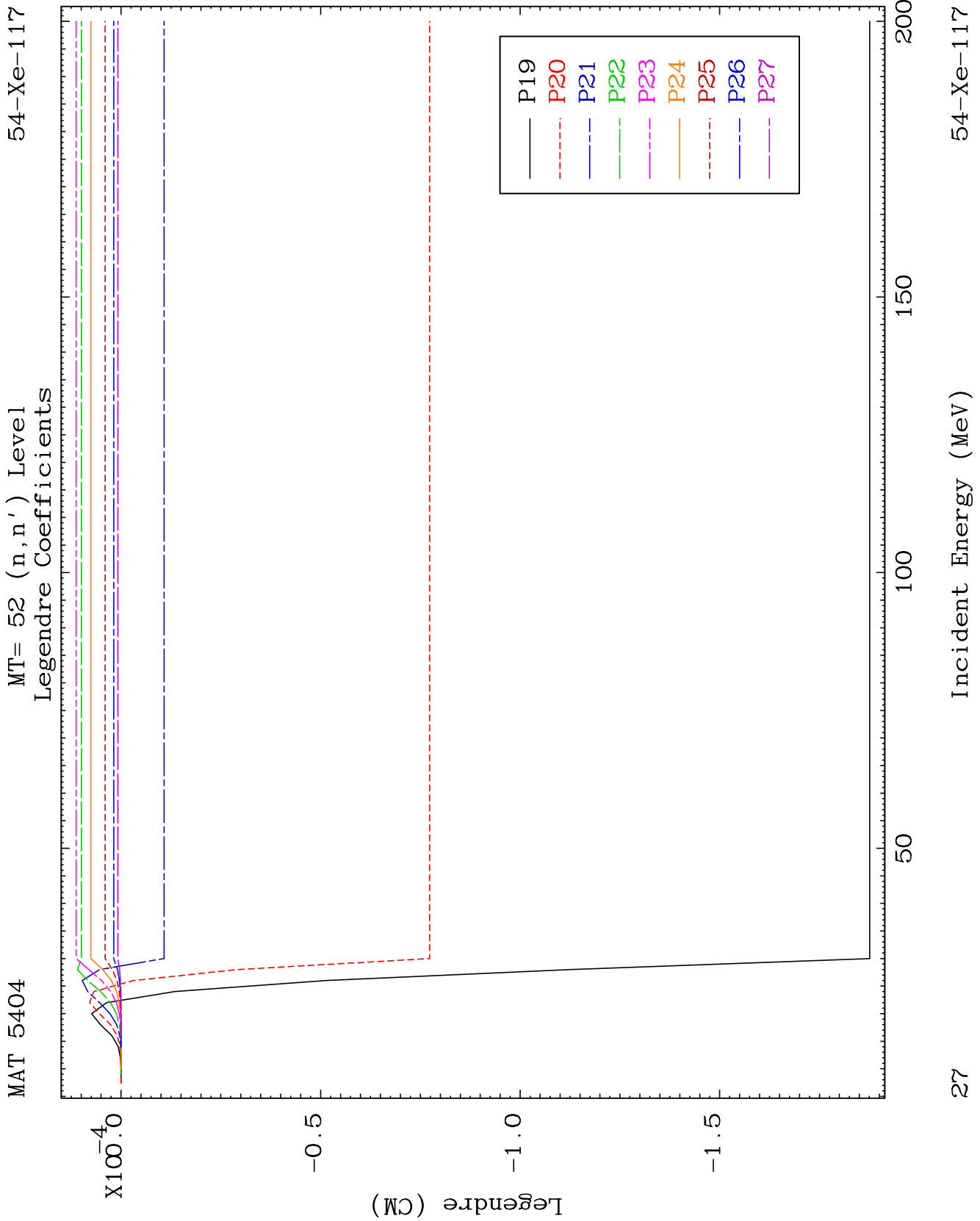
54-Xe-117



26

Incident Energy (MeV)

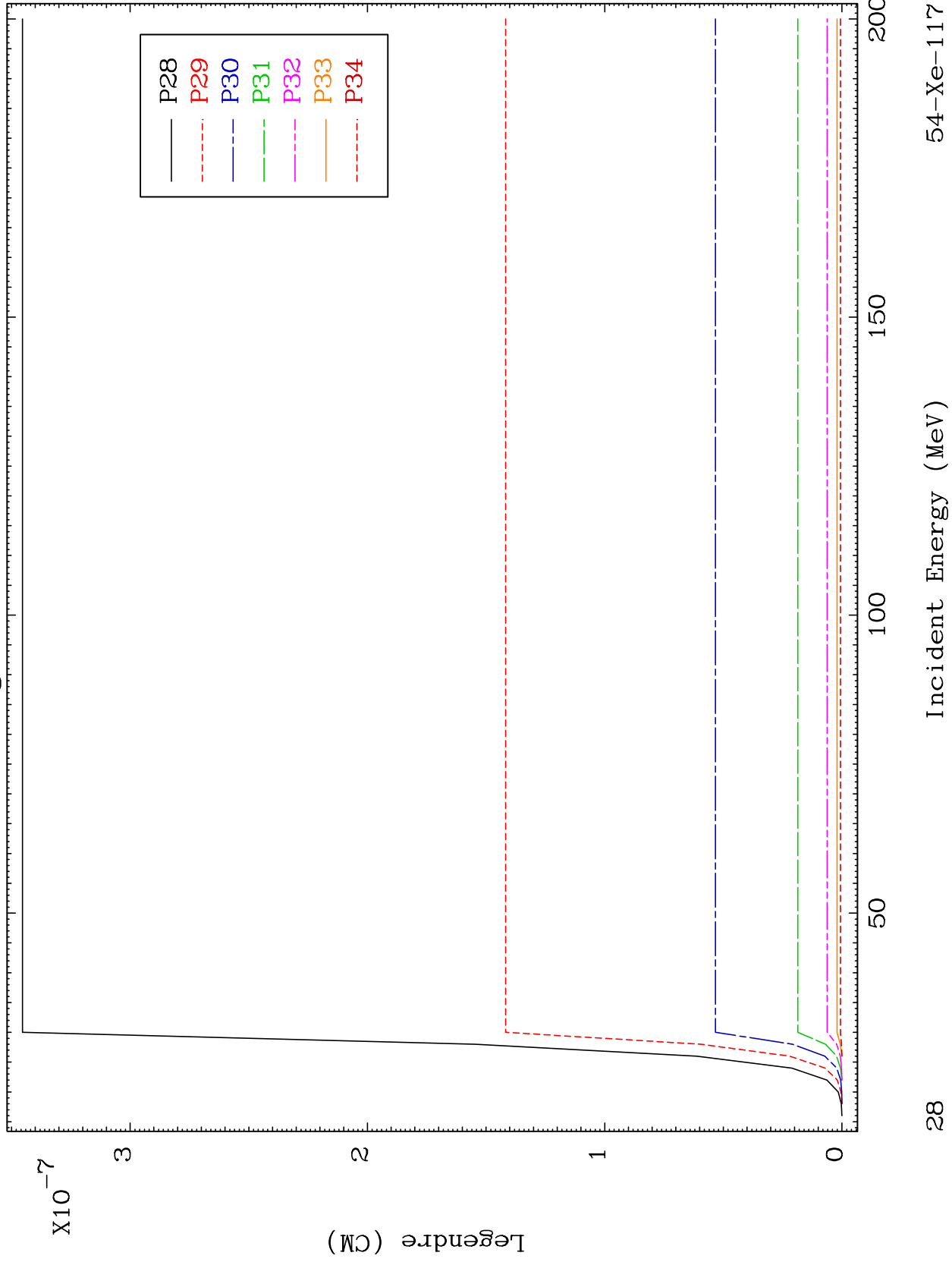
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MAT 5404

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

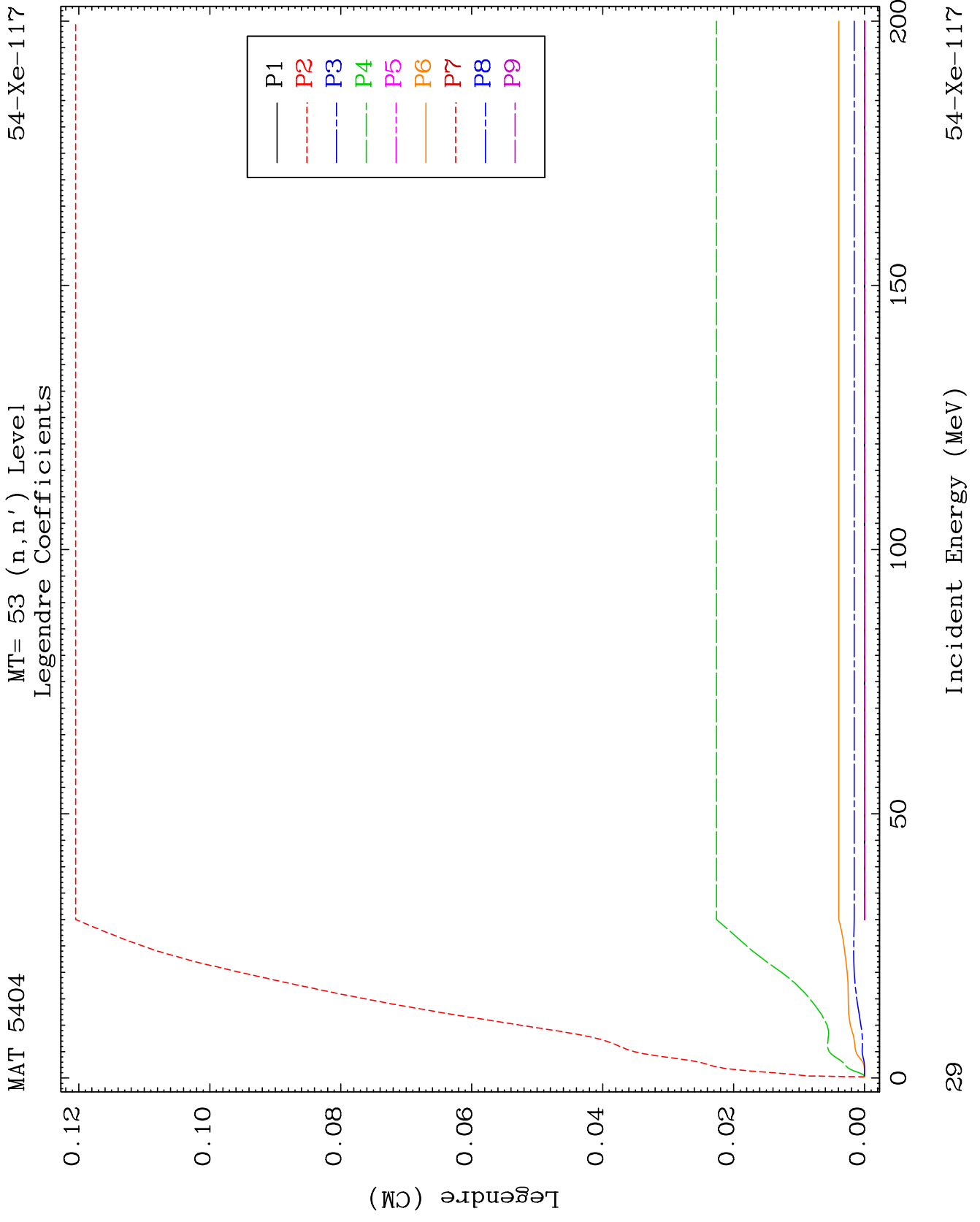
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28

Incident Energy (MeV)

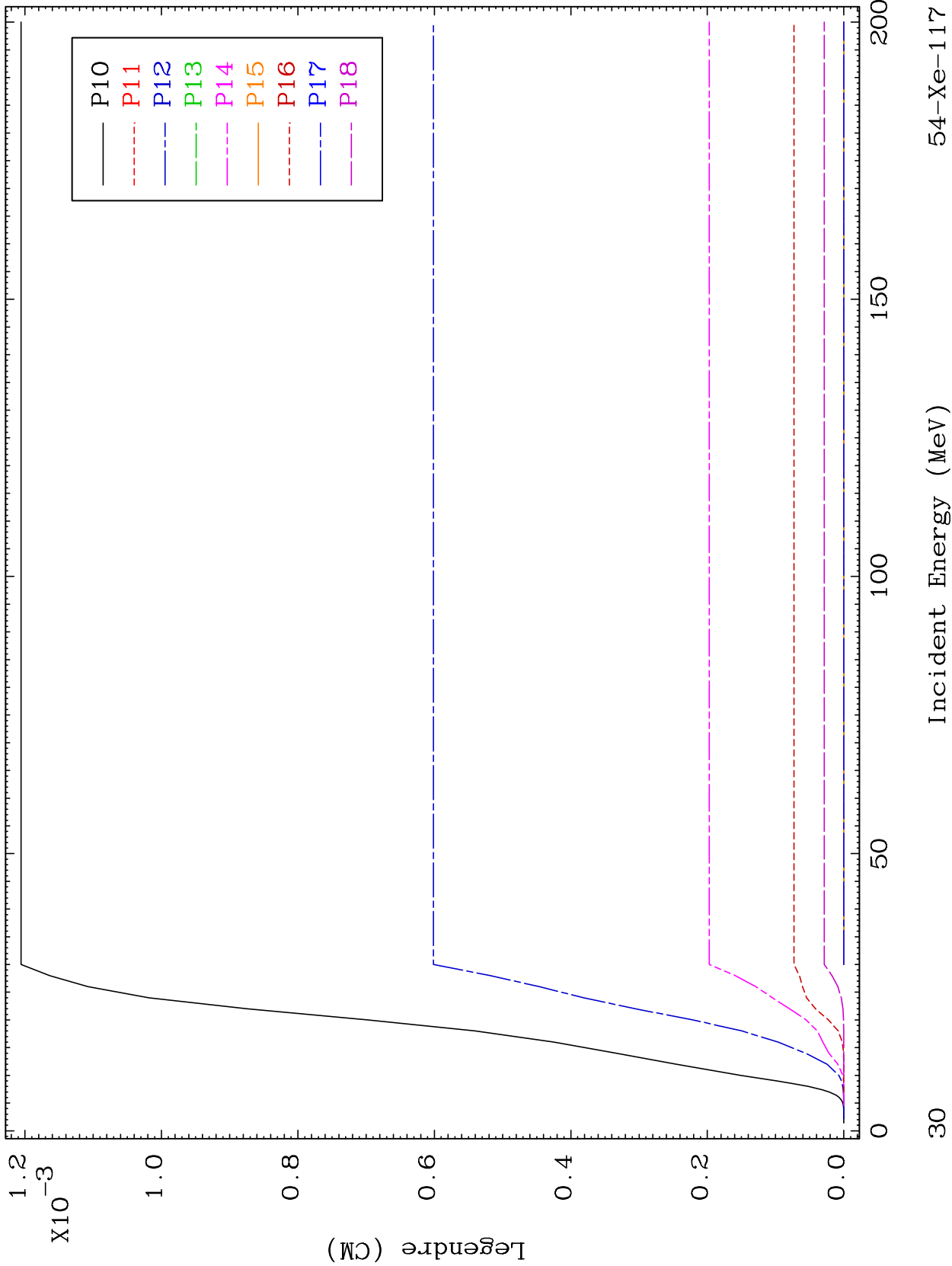
54-Xe-117



MAT 5404

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

54-Xe-117



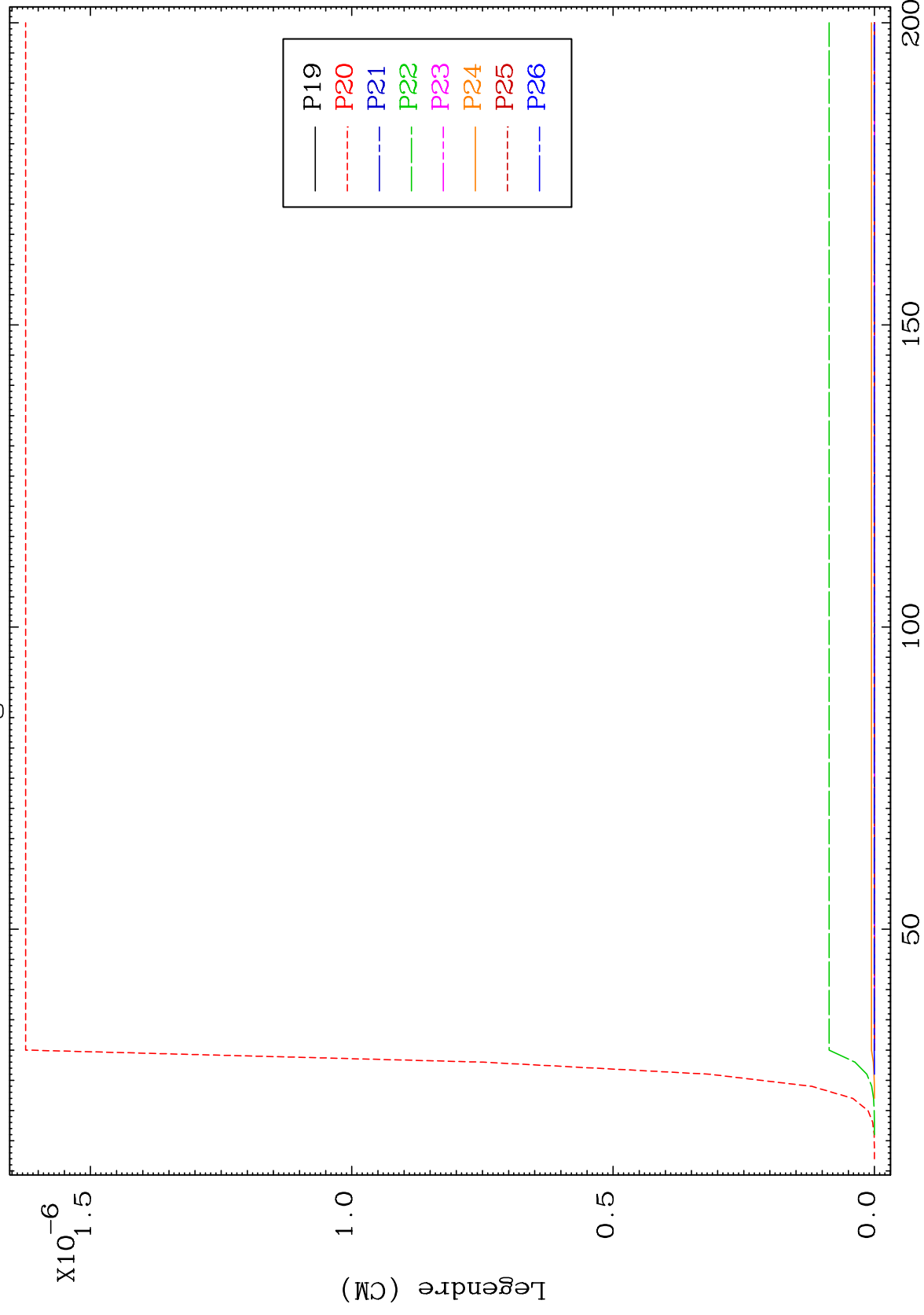
54-Xe-117

Incident Energy (MeV)

MAT 5404

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

54-Xe-117



31

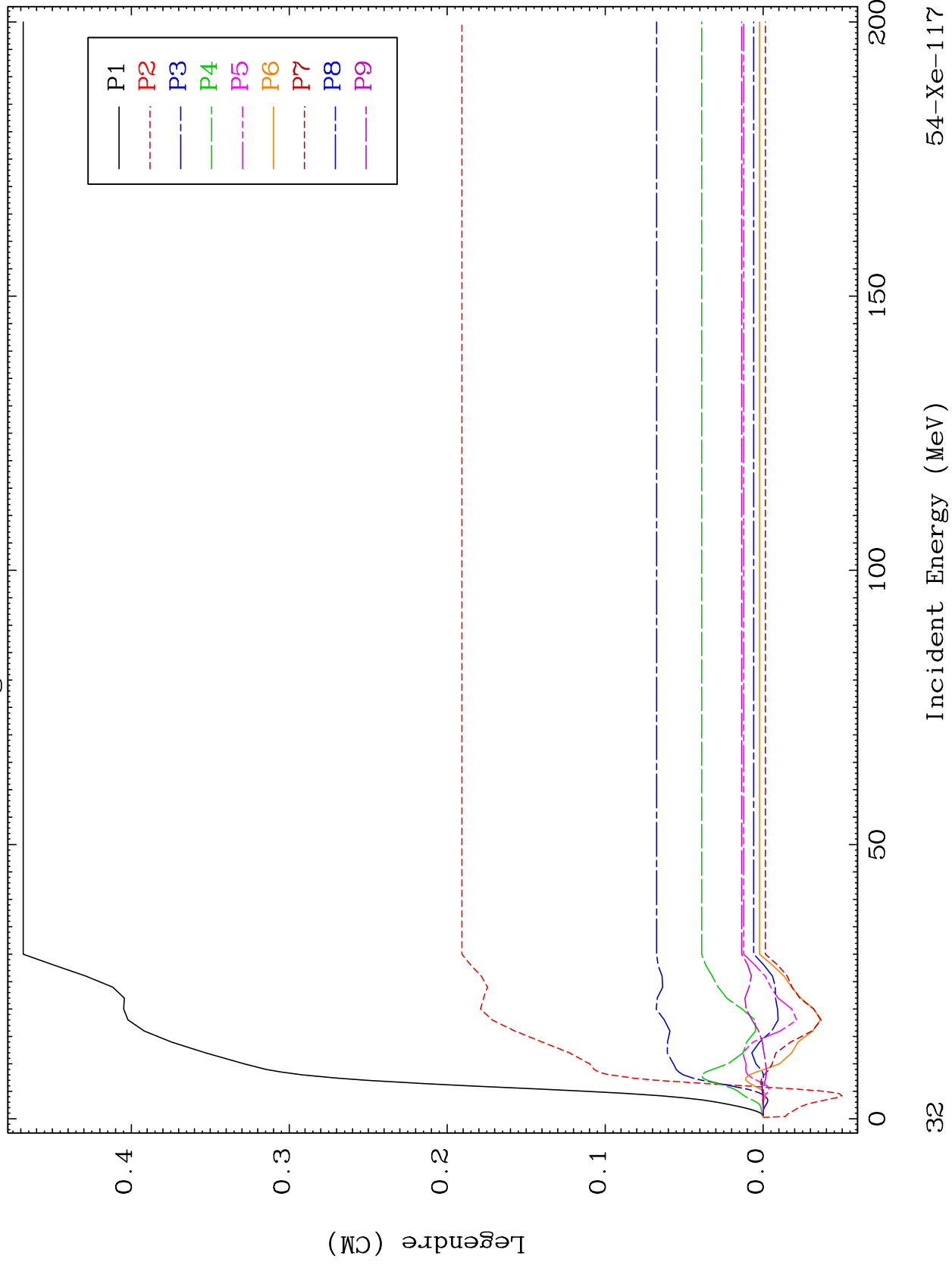
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

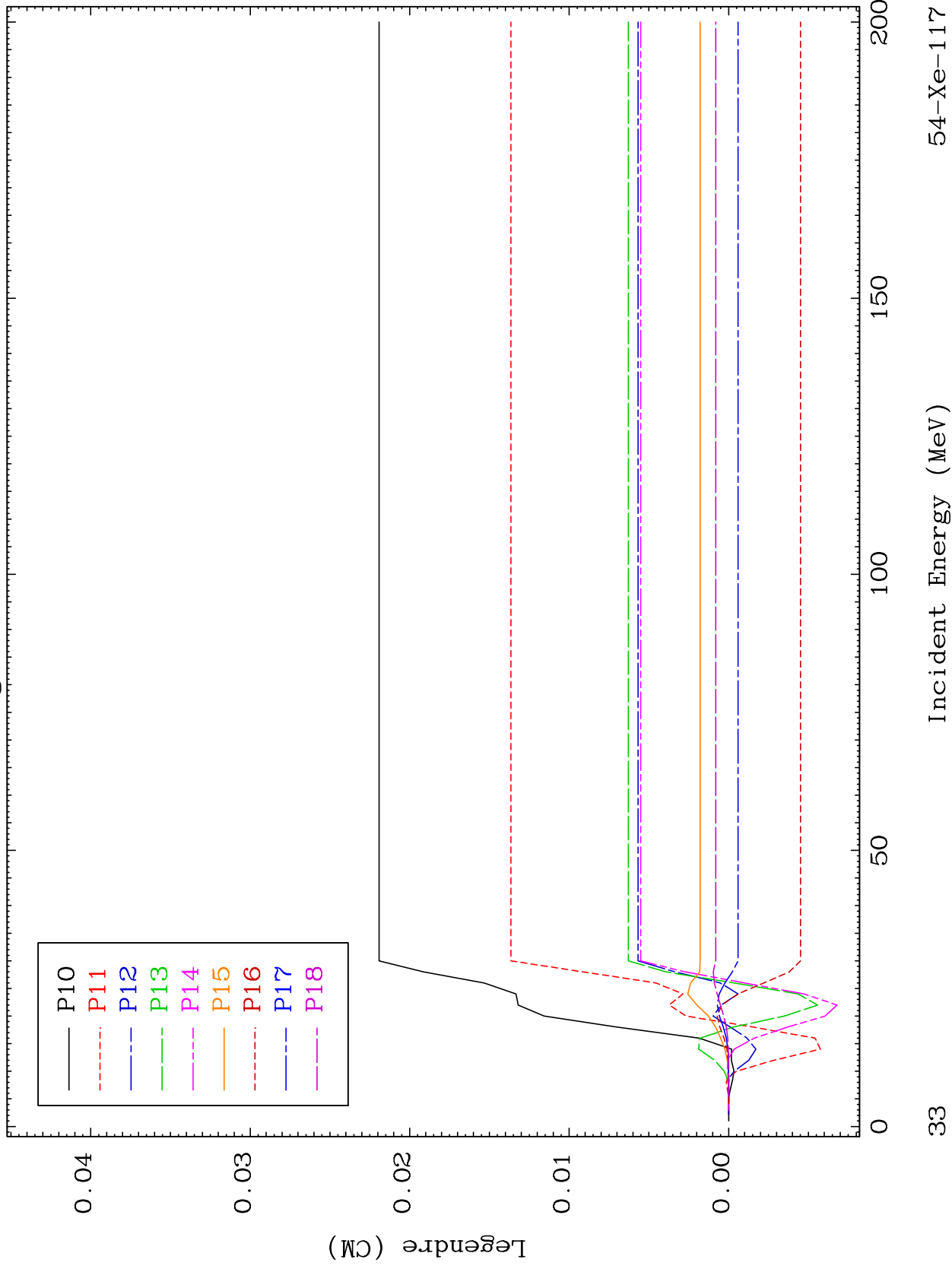
Incident Energy (MeV)

32

MAT 5404

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

54-Xe-117



54-Xe-117

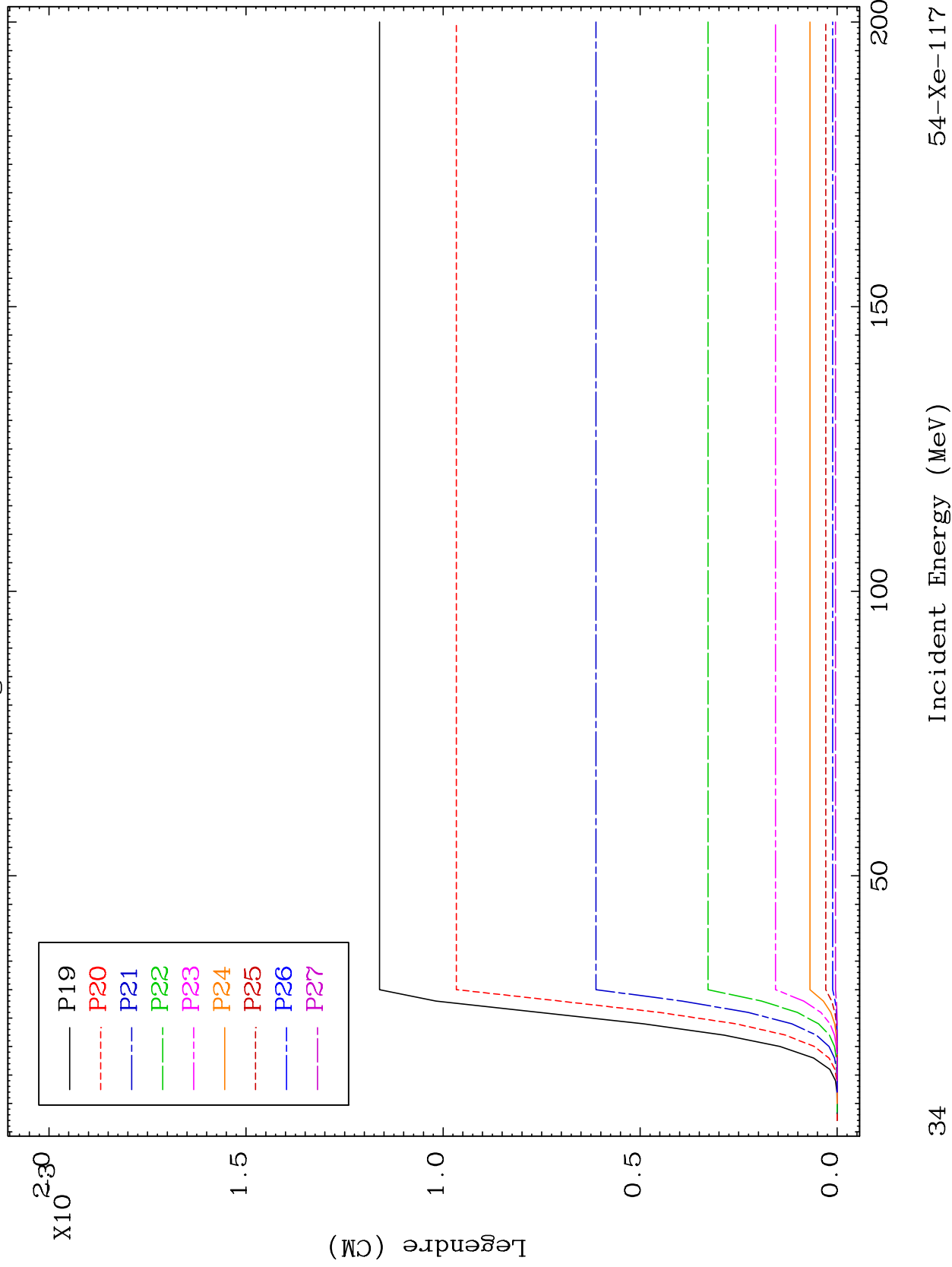
Incident Energy (MeV)

33

MAT 5404

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

54-Xe-117



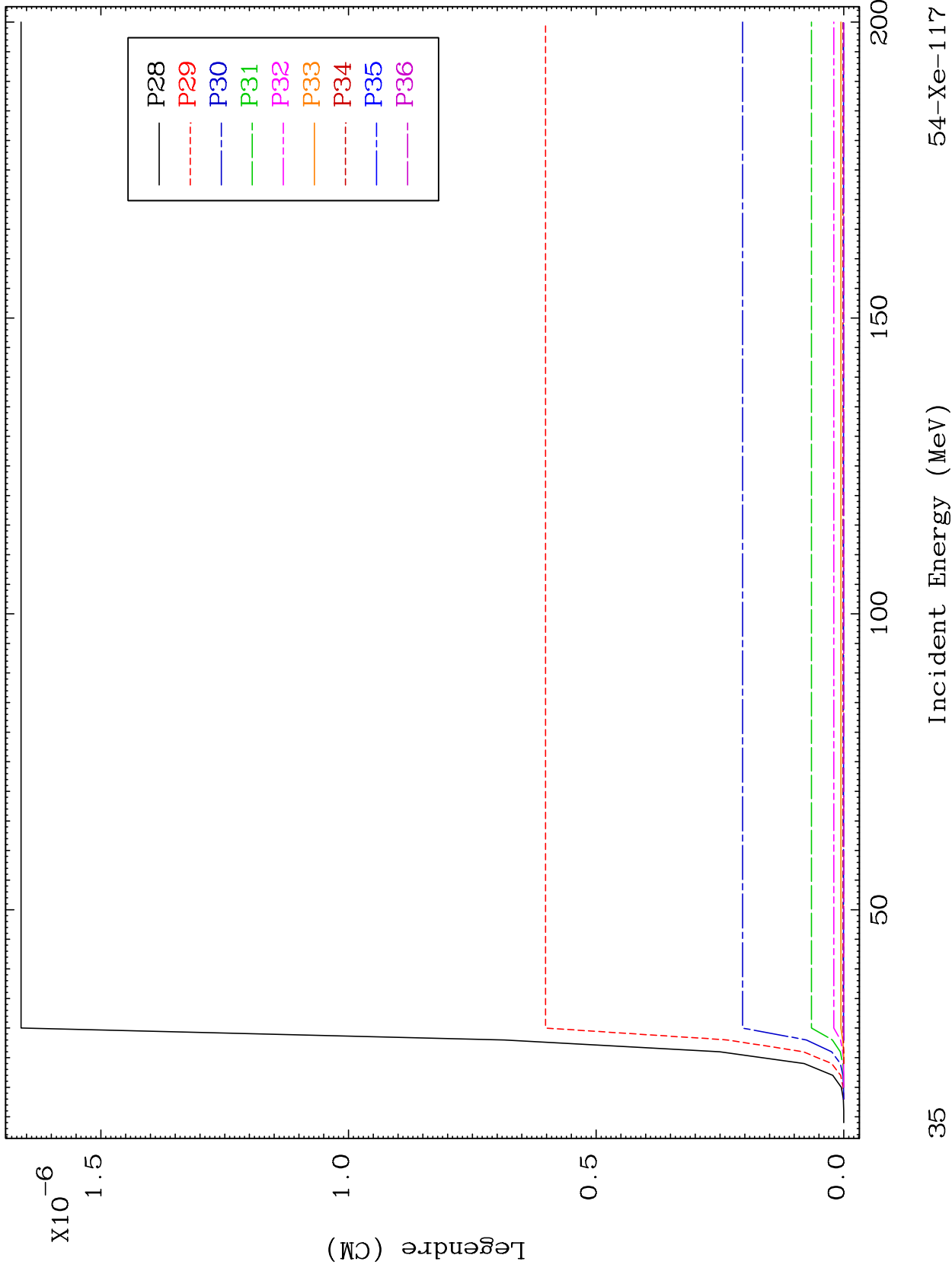
34

200

MAT 5404

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

54-Xe-117



35

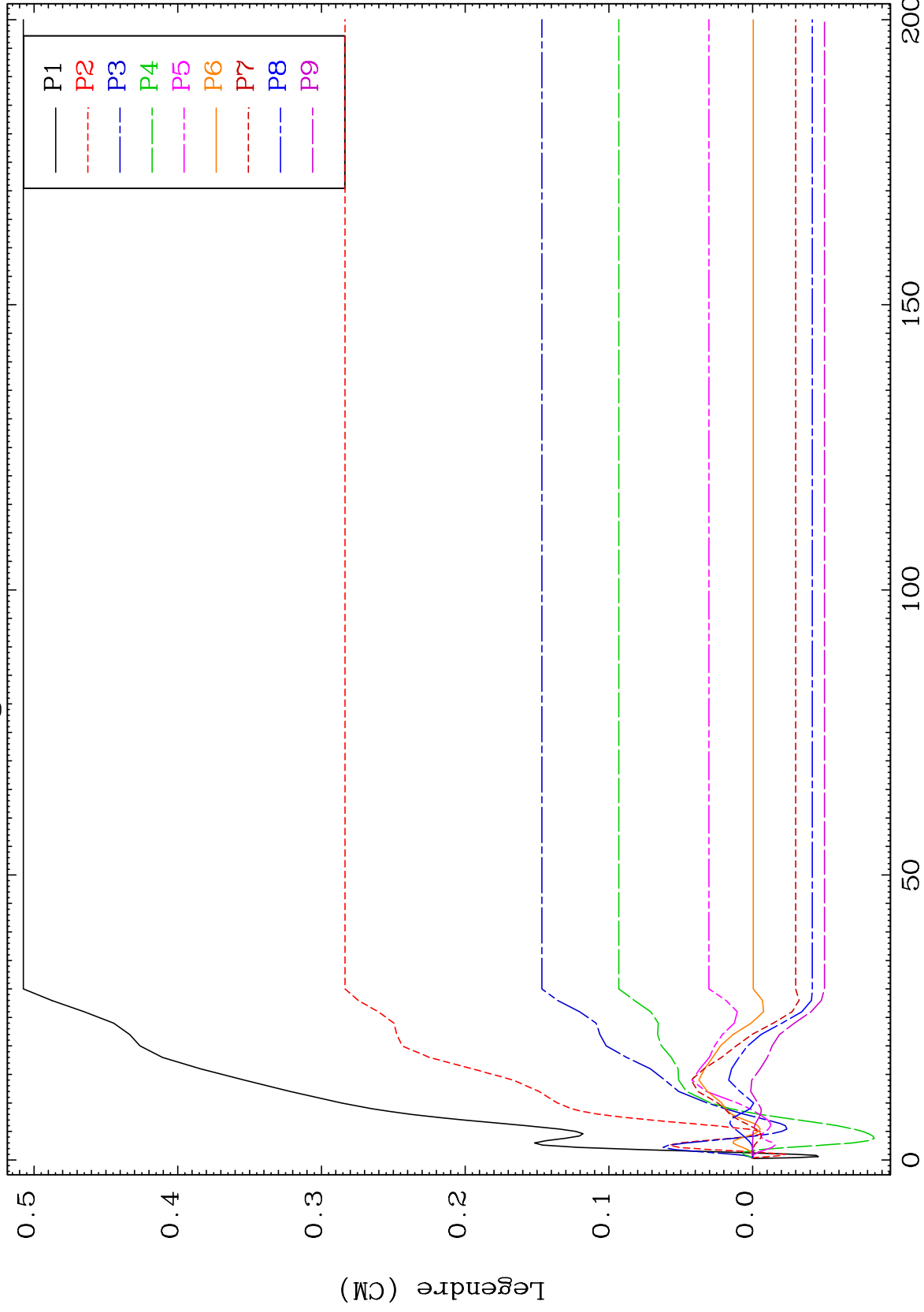
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



36

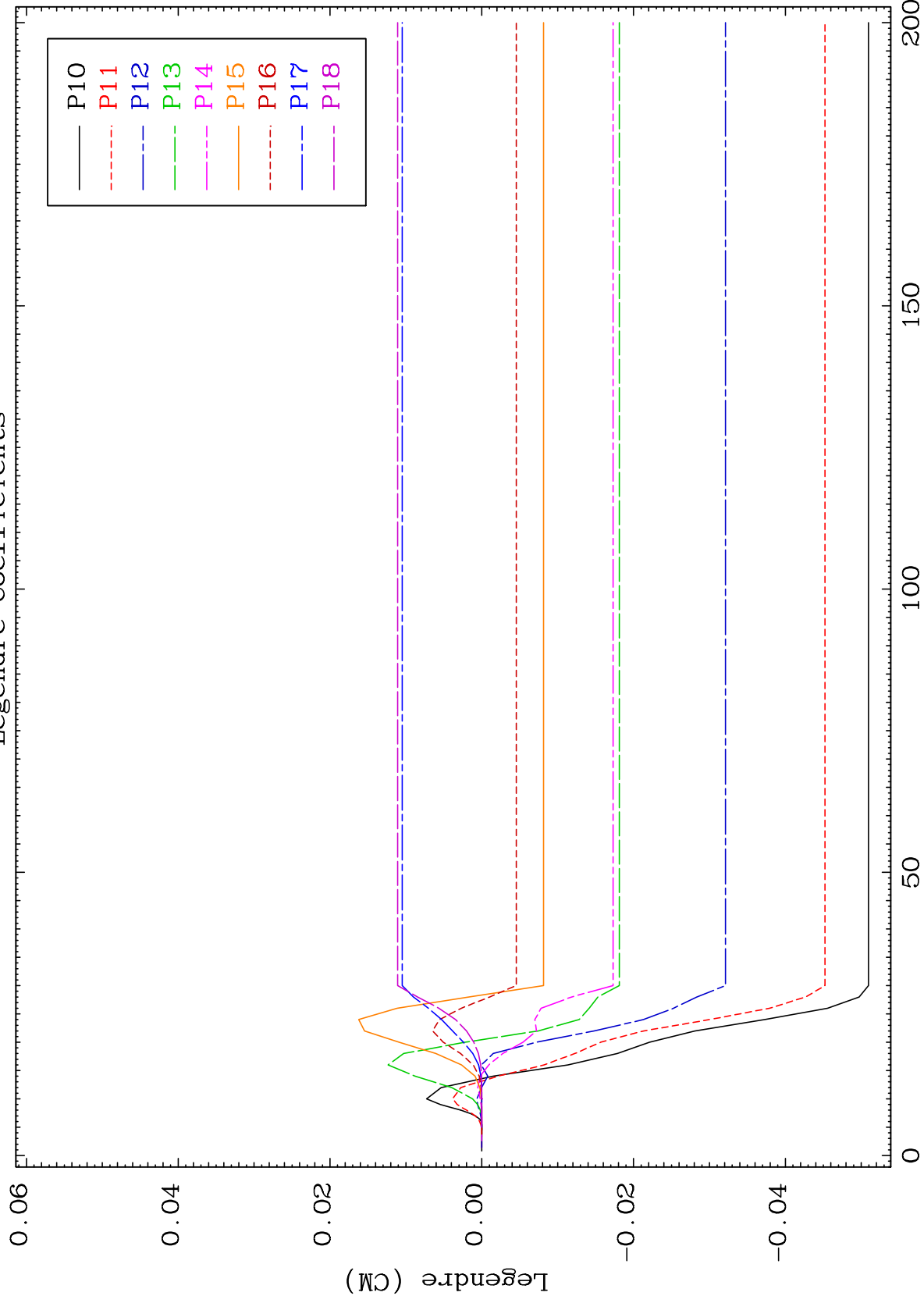
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



37

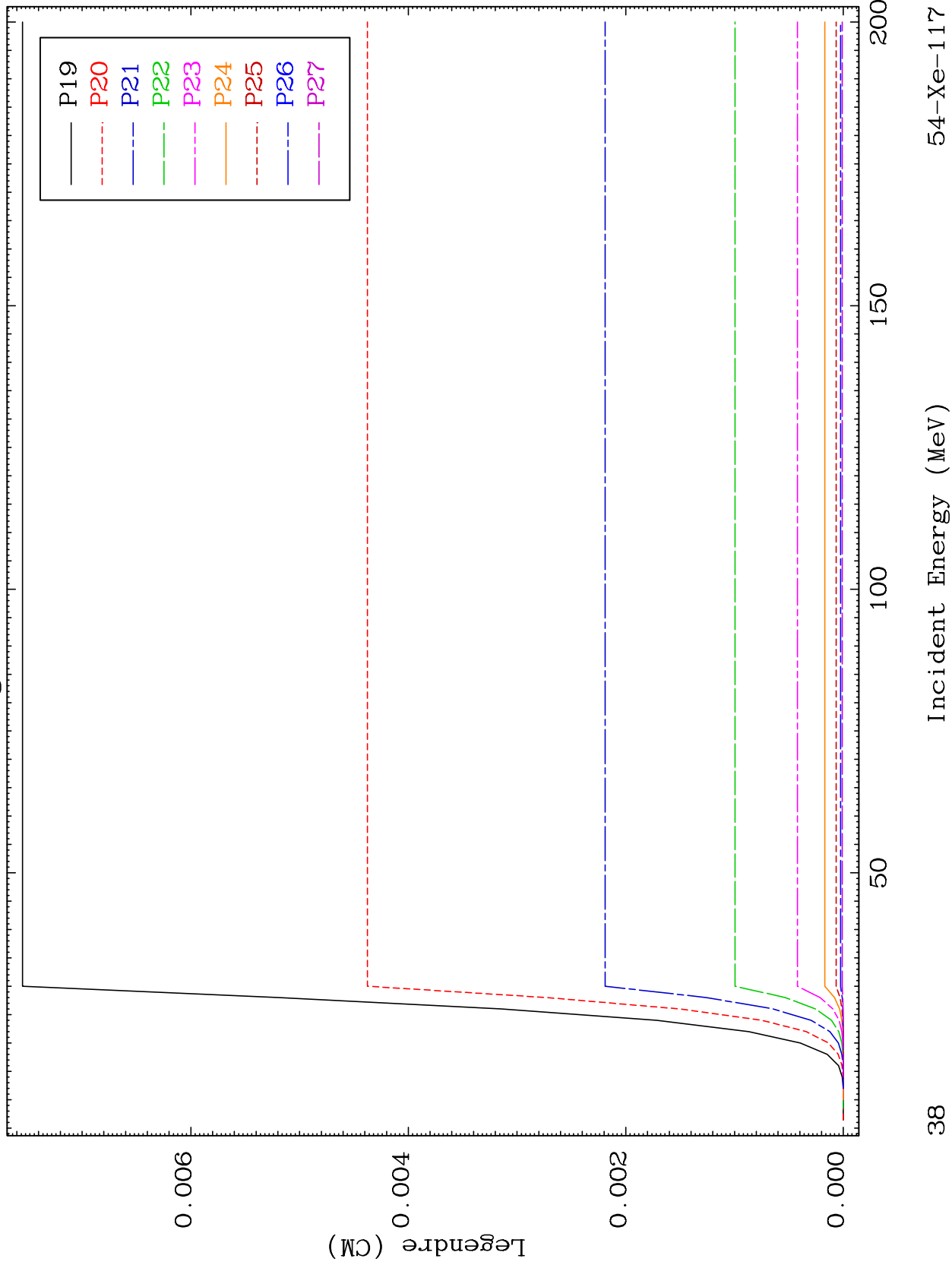
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



38

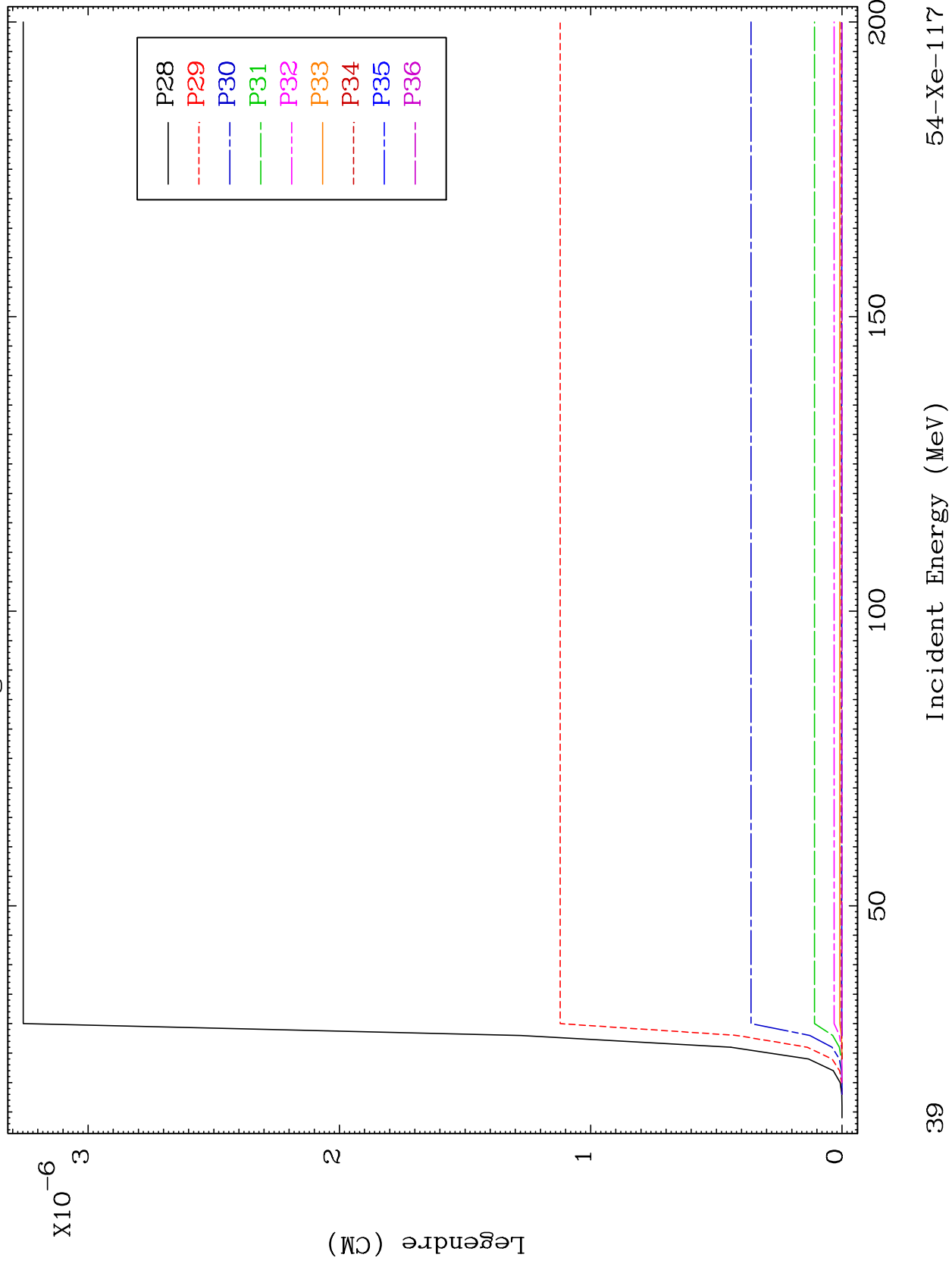
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

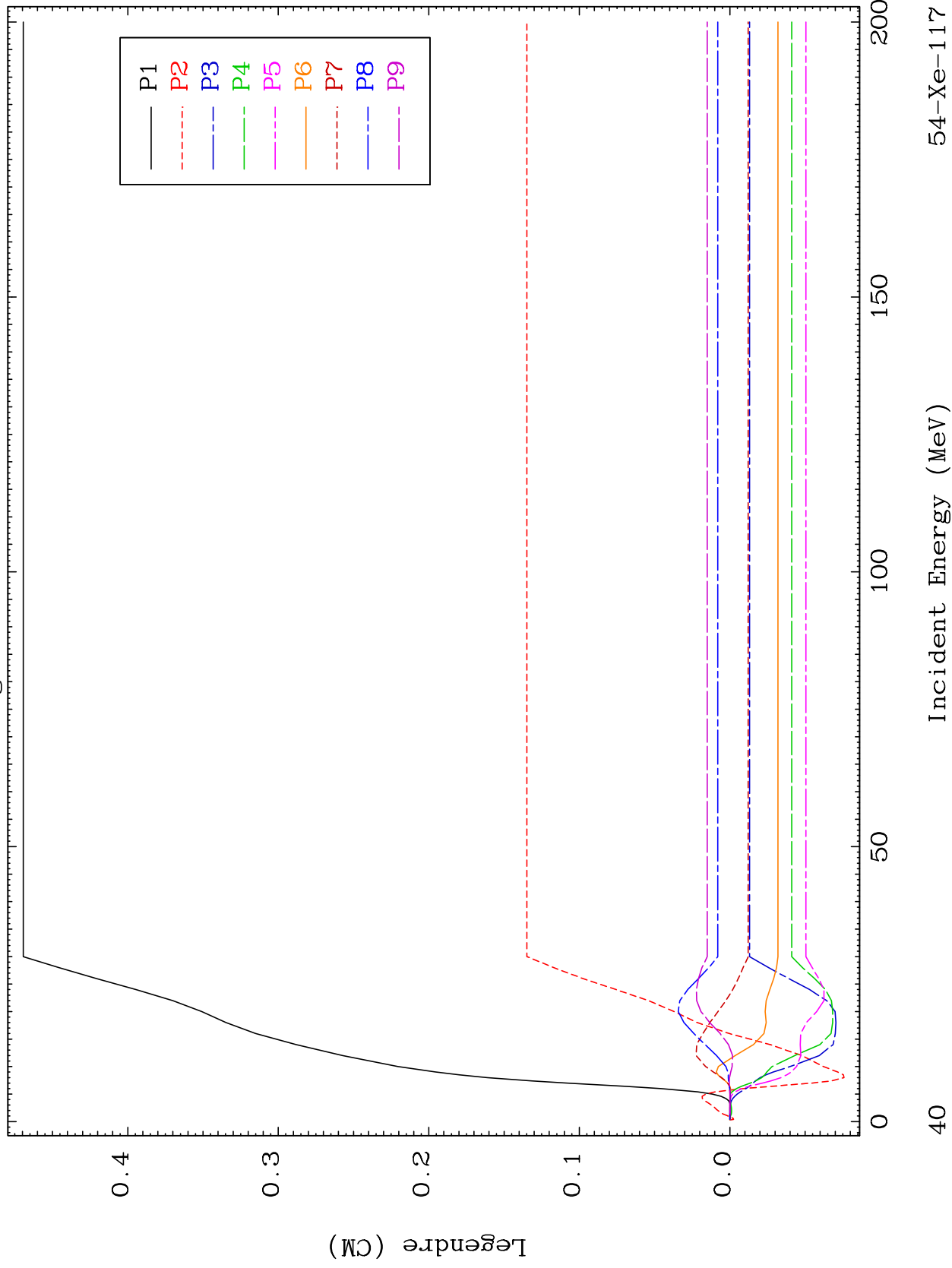
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

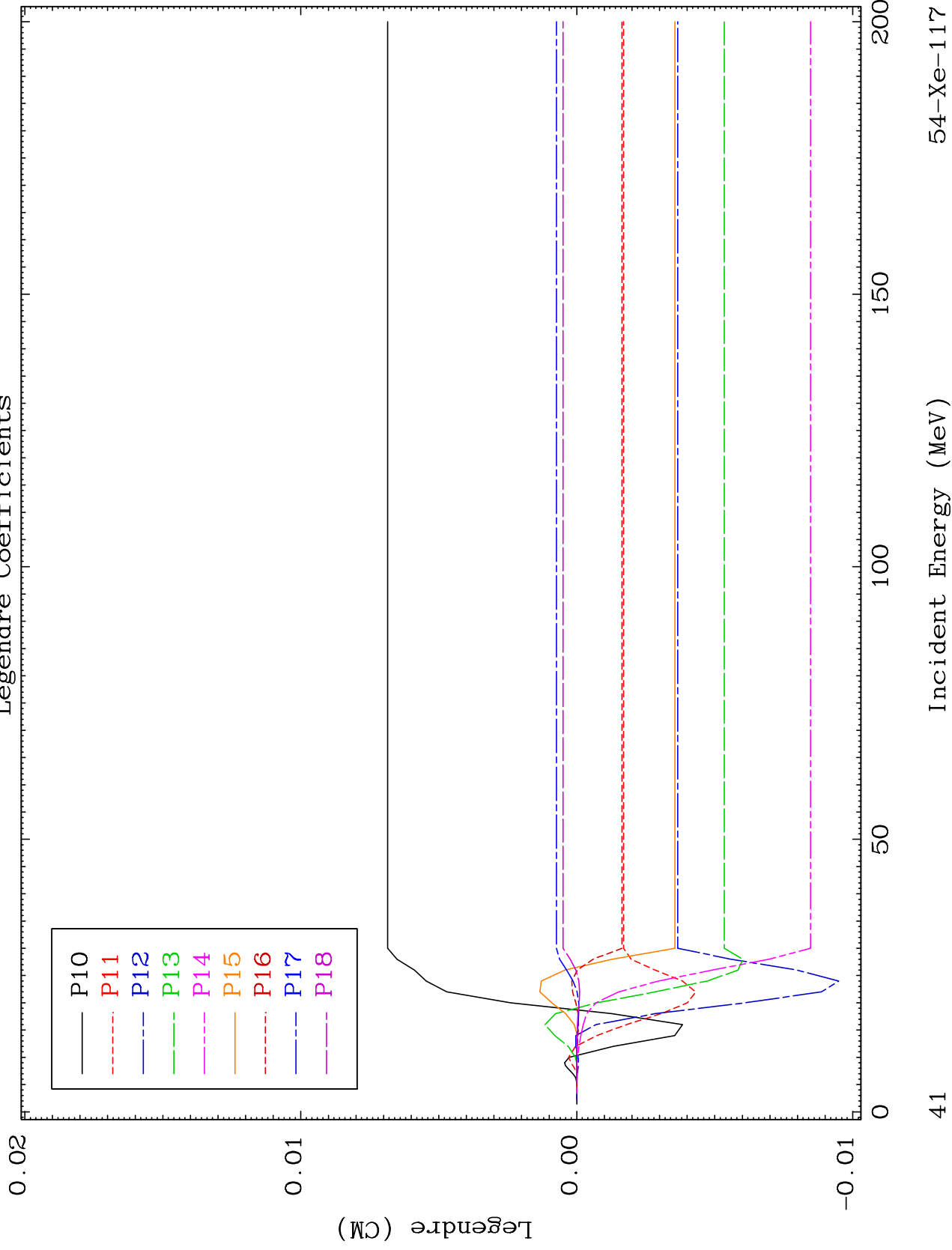
Incident Energy (MeV)

40

MAT 5404

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

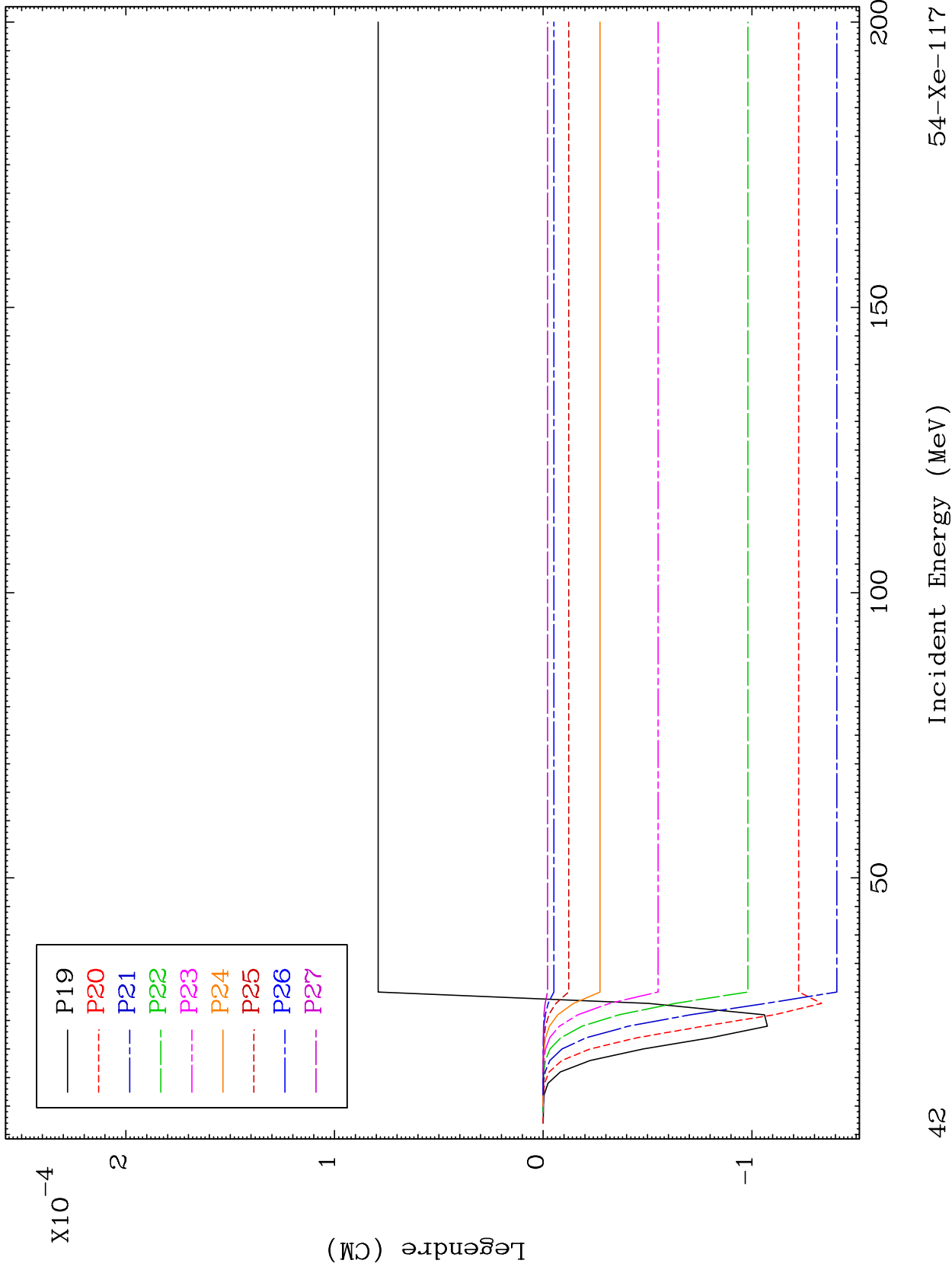
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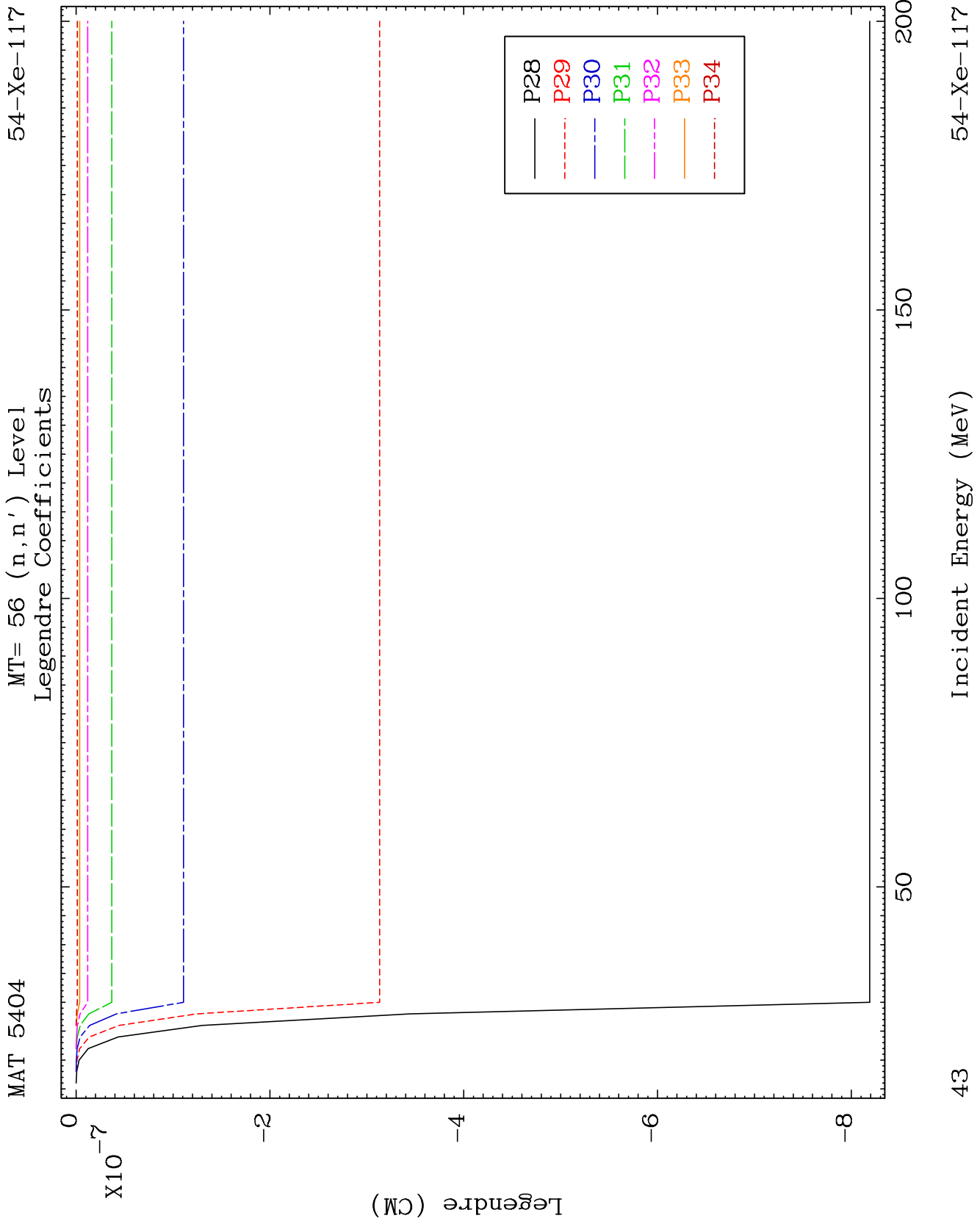


41

Incident Energy (MeV)

54-Xe-117

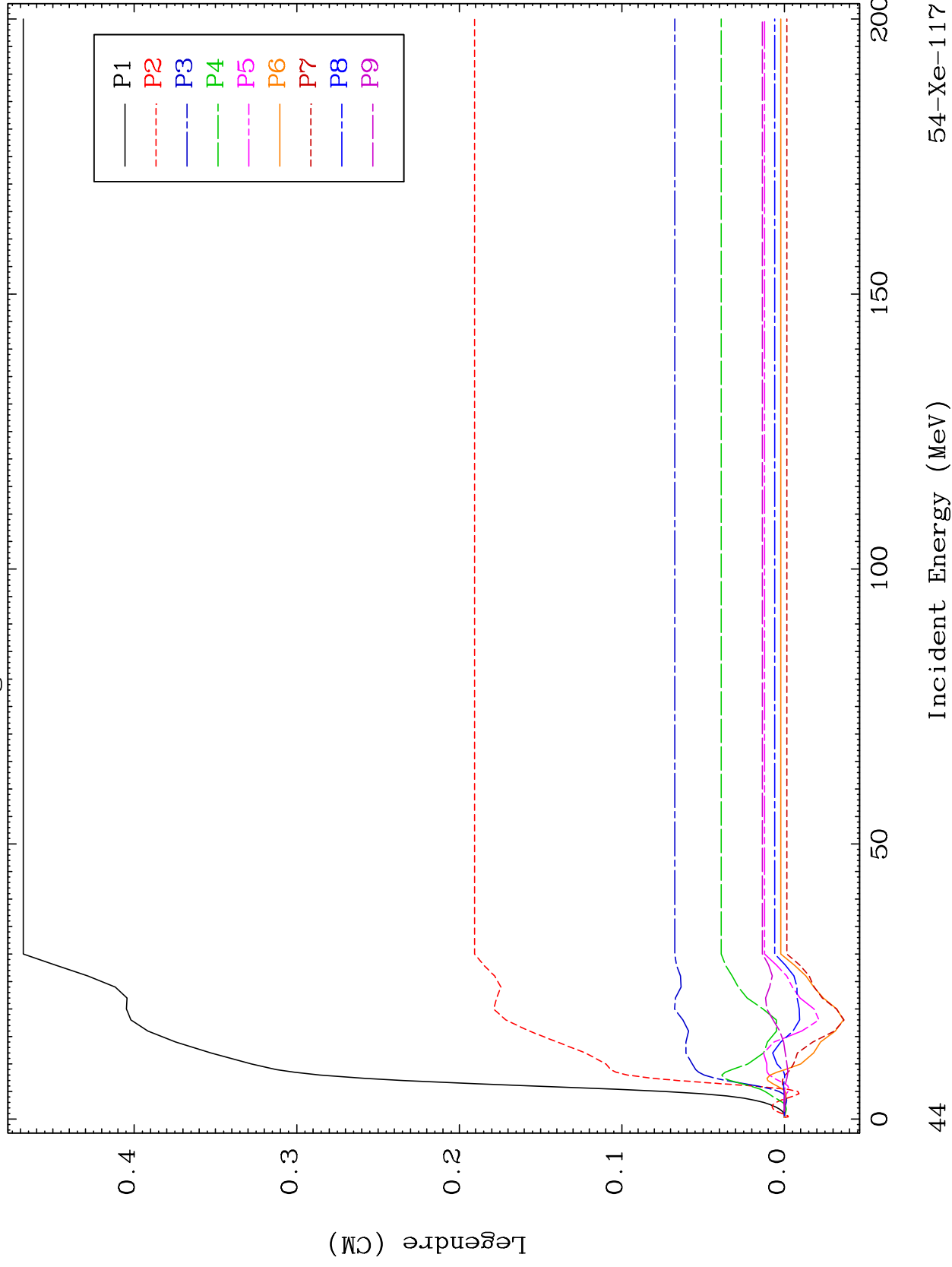




MAT 5404

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

54-Xe-117



54-Xe-117

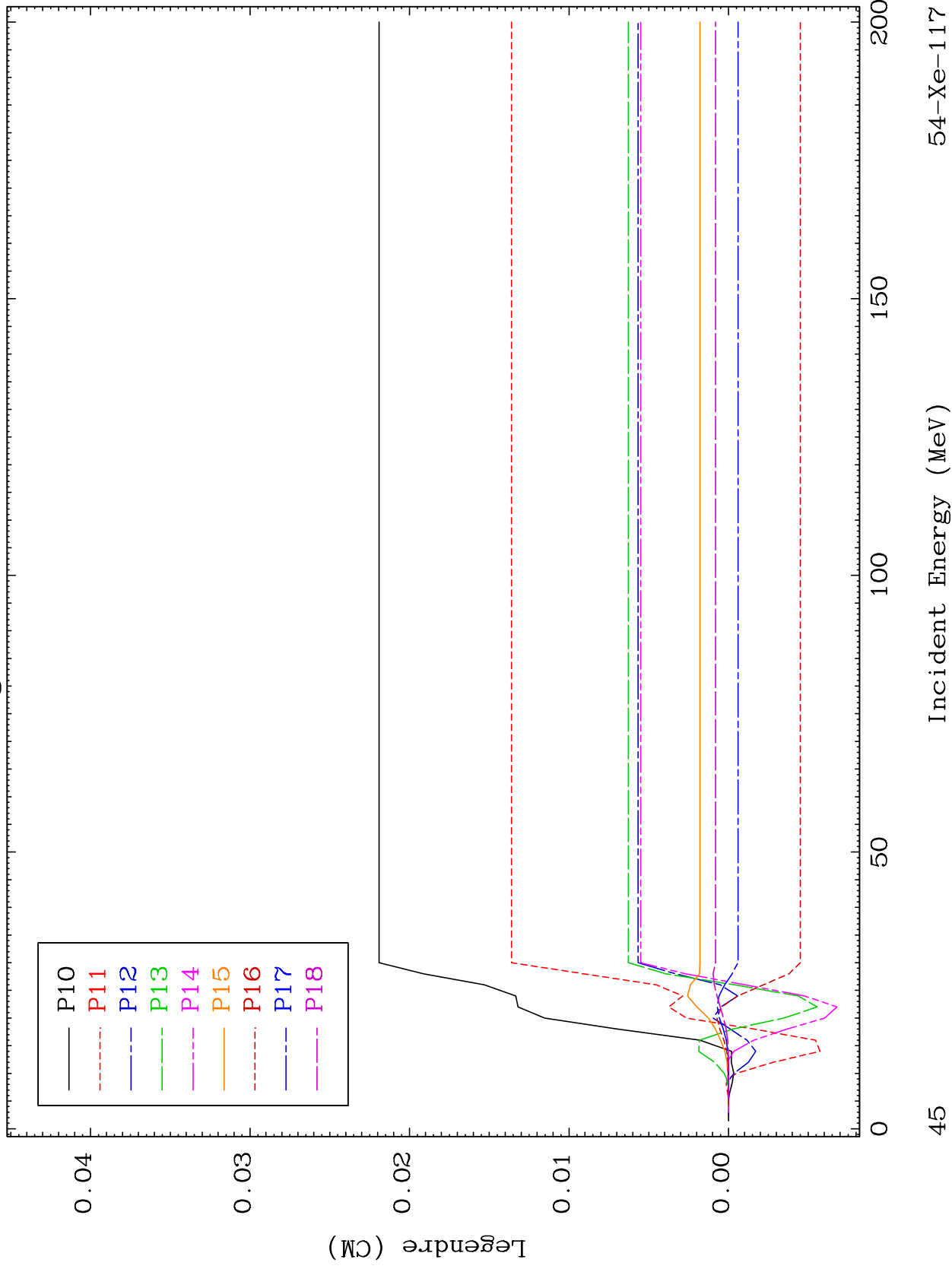
Incident Energy (MeV)

44

MAT 5404

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

54-Xe-117



54-Xe-117

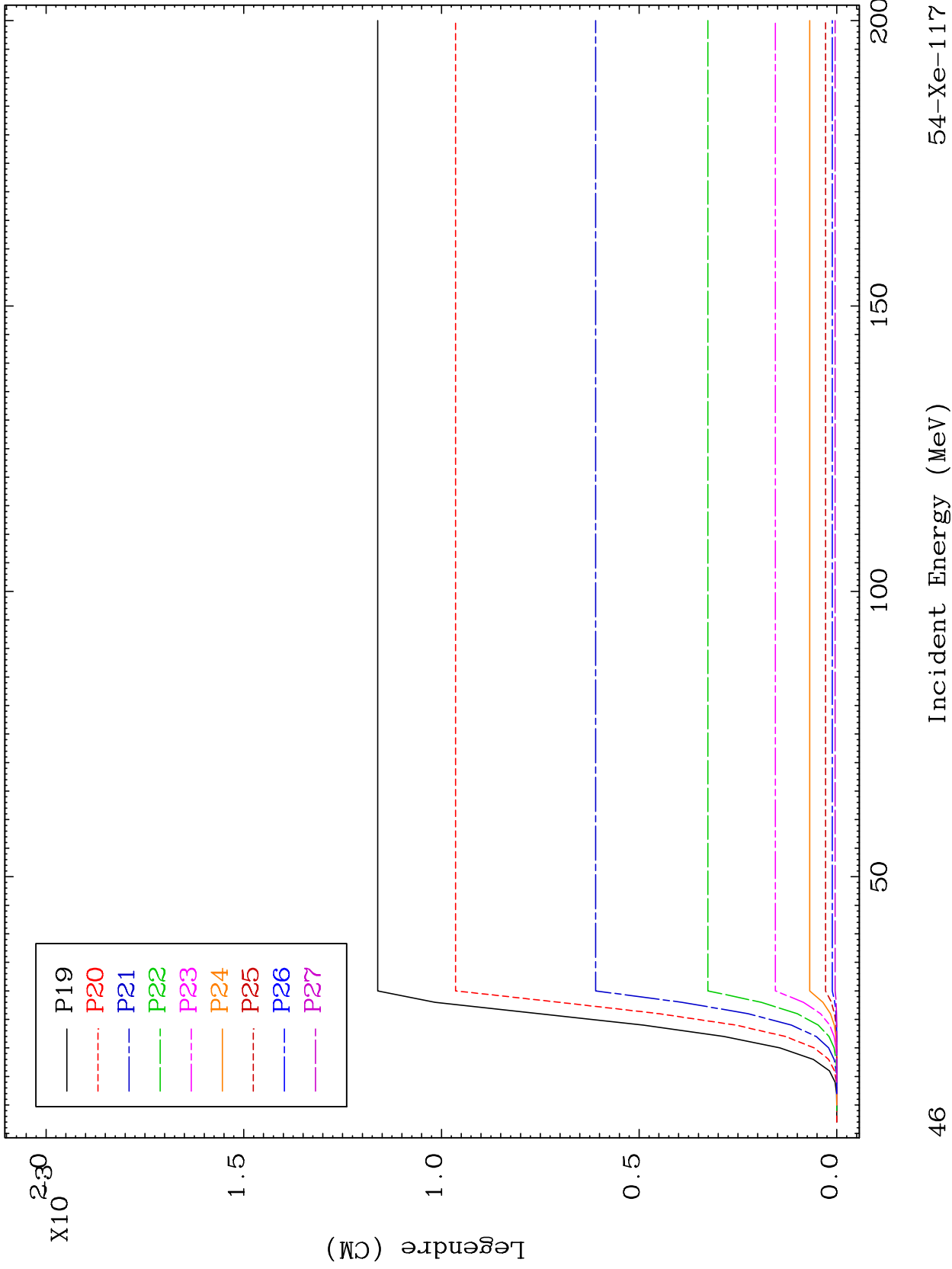
Incident Energy (MeV)

45

MAT 5404

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

54-Xe-117



46

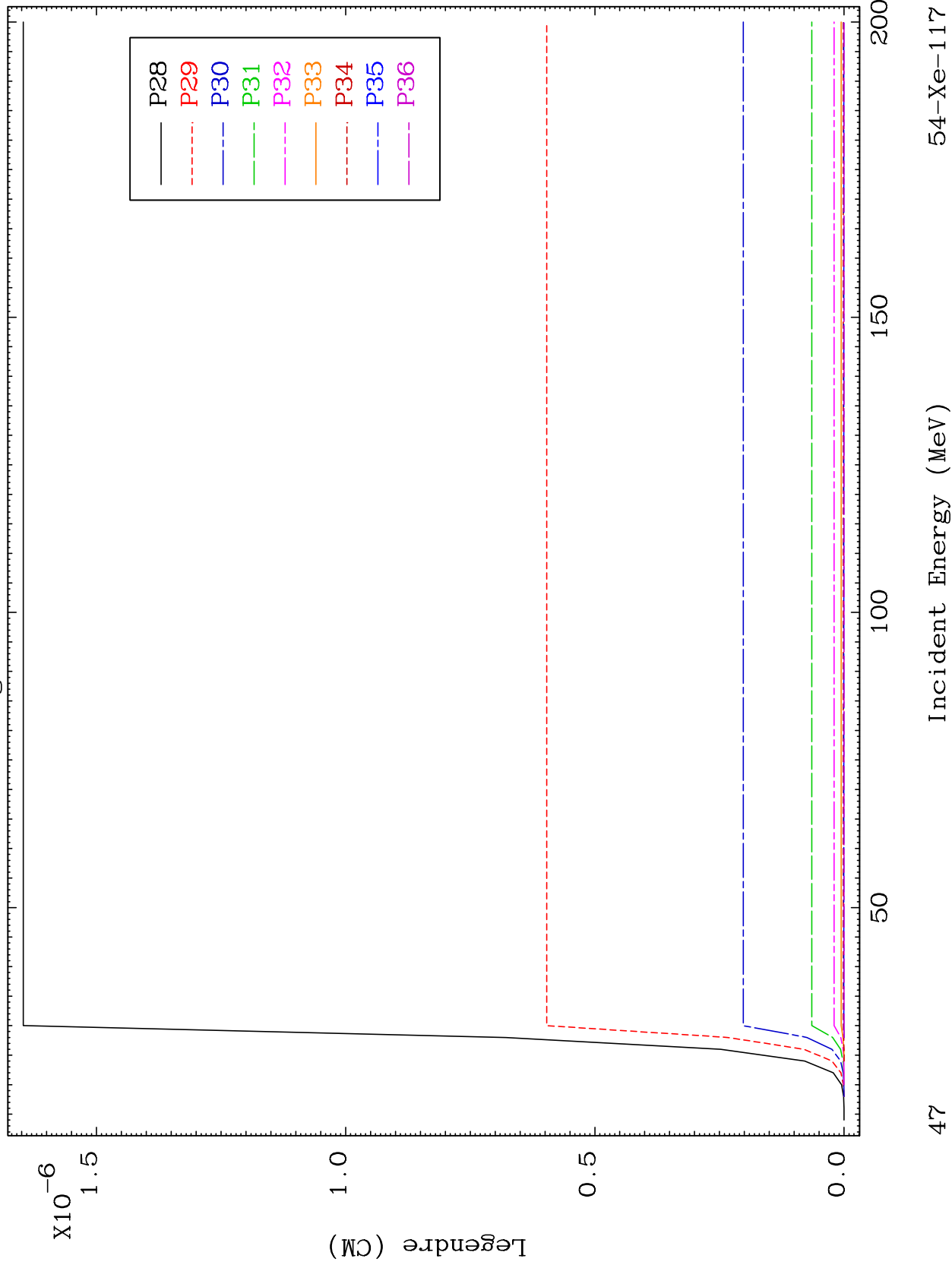
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

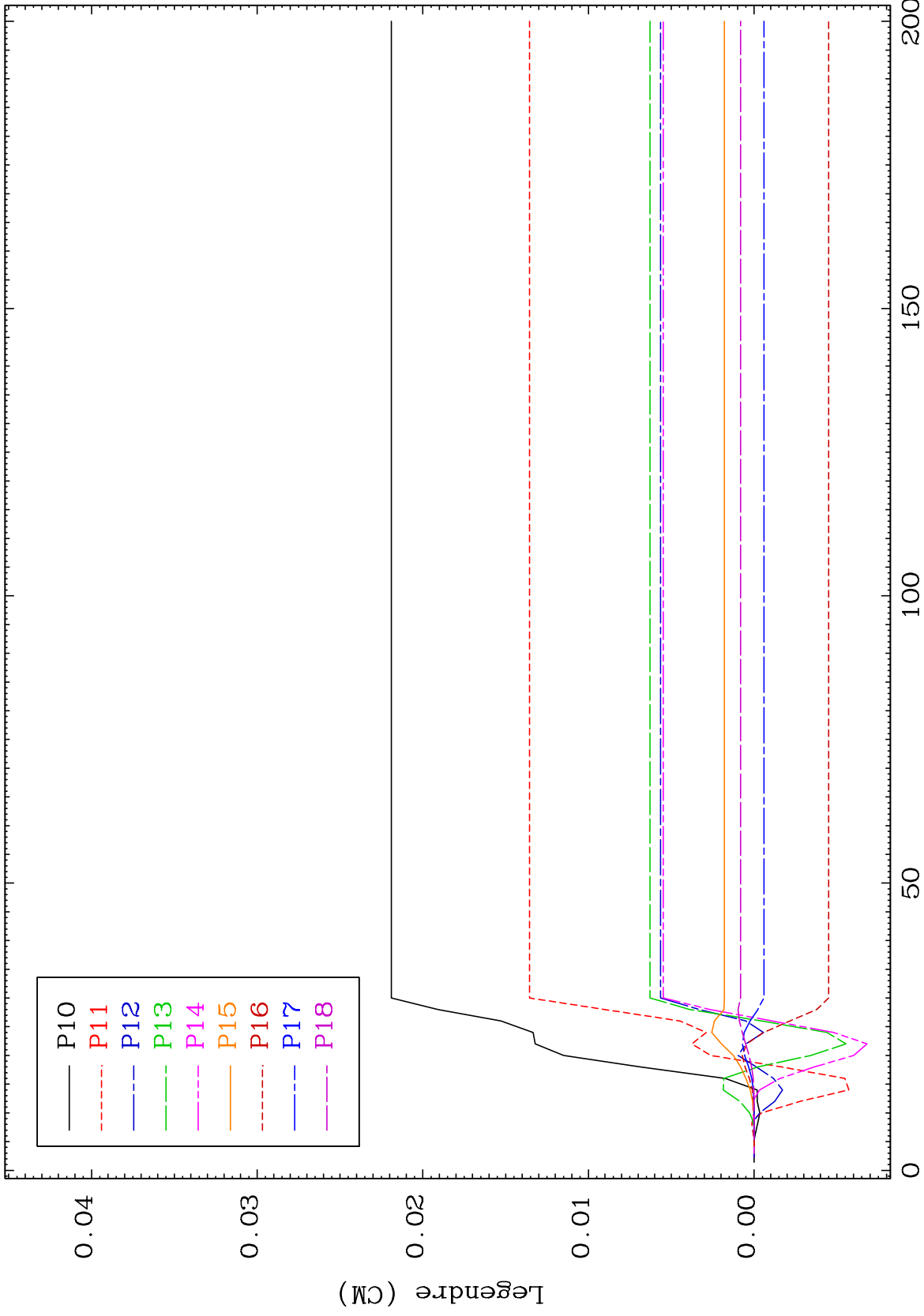
54-Xe-117



MAT 5404

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

54-Xe-117



49

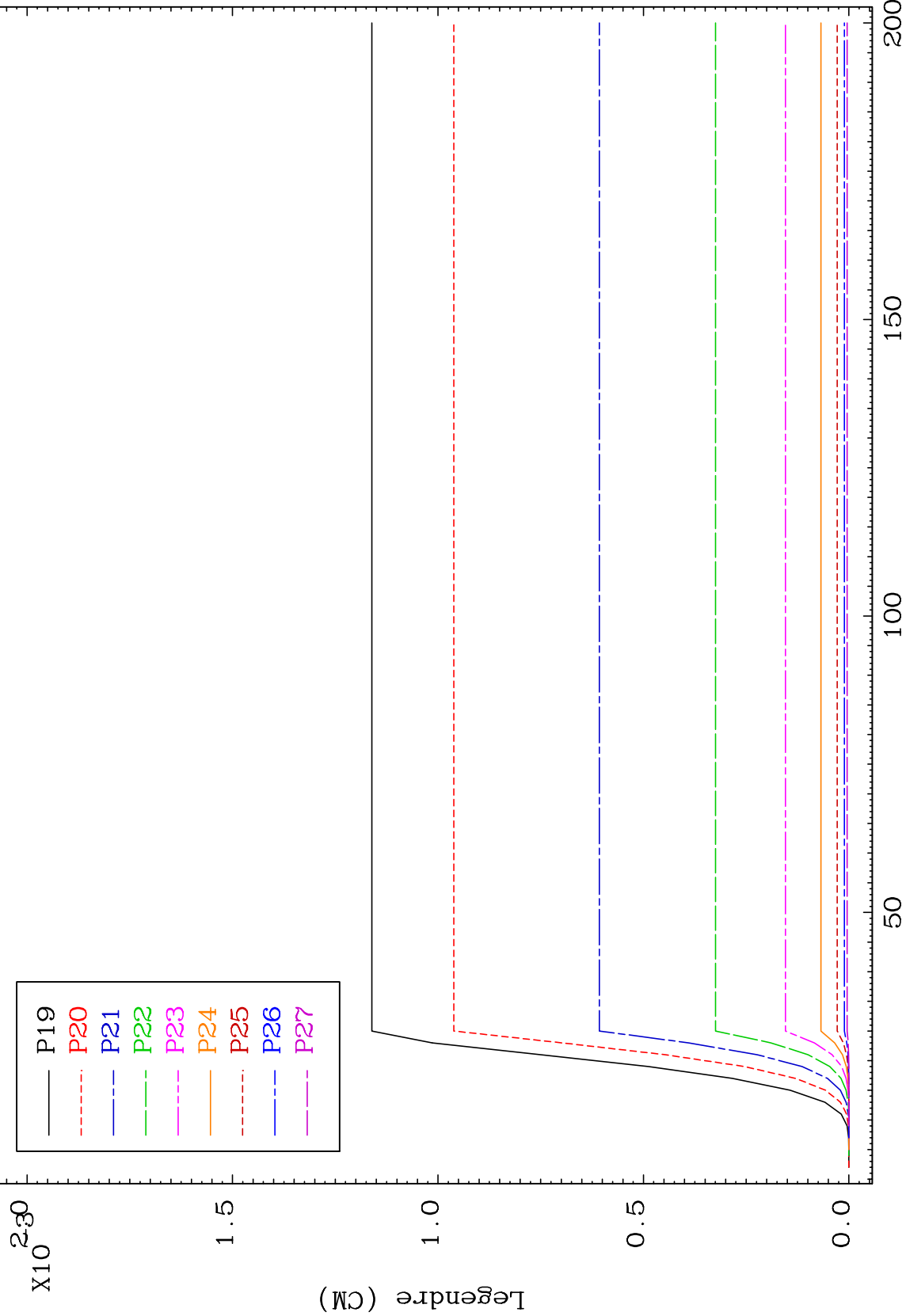
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

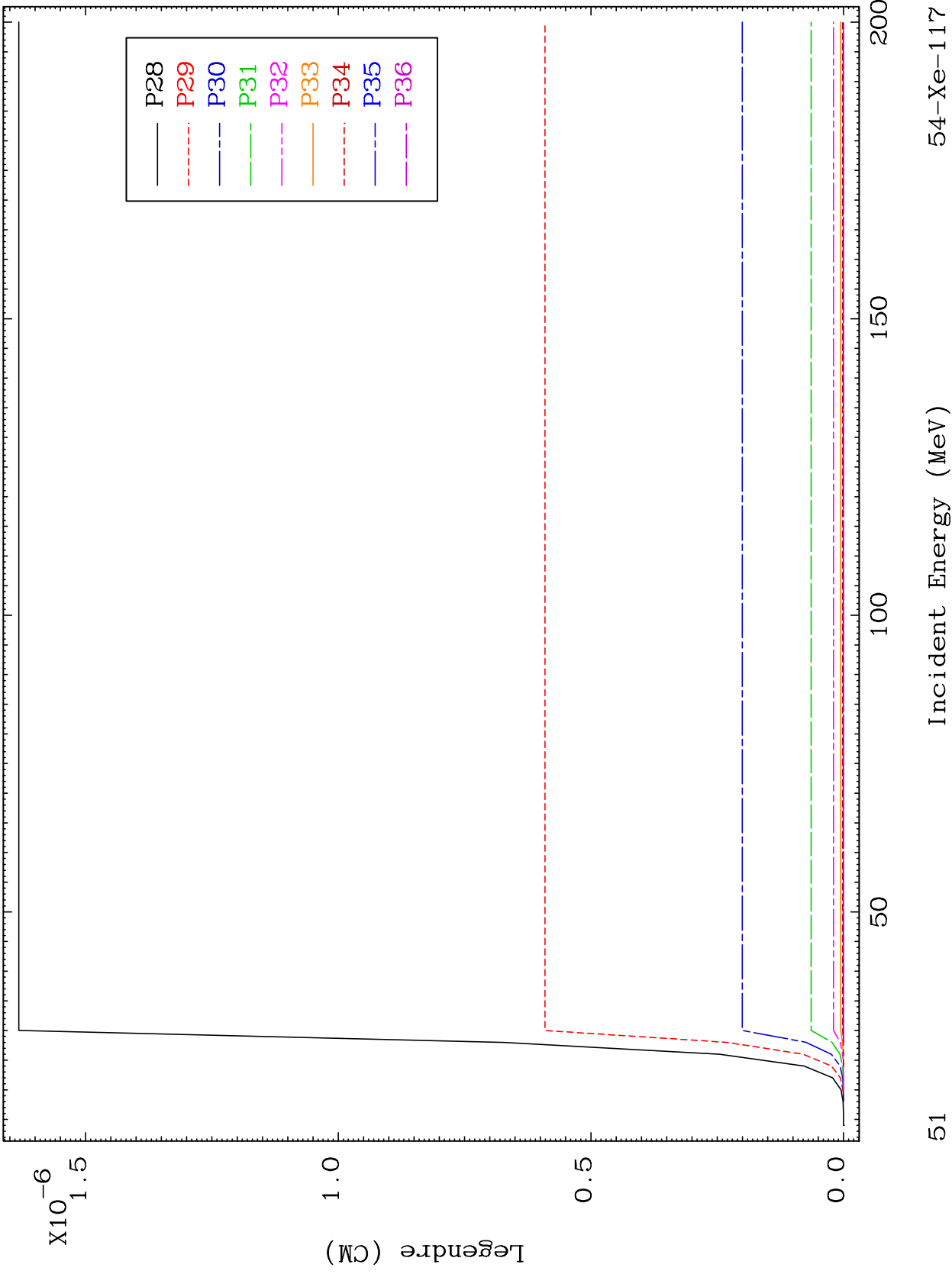
Incident Energy (MeV)

50

MAT 5404

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

54-Xe-117



51

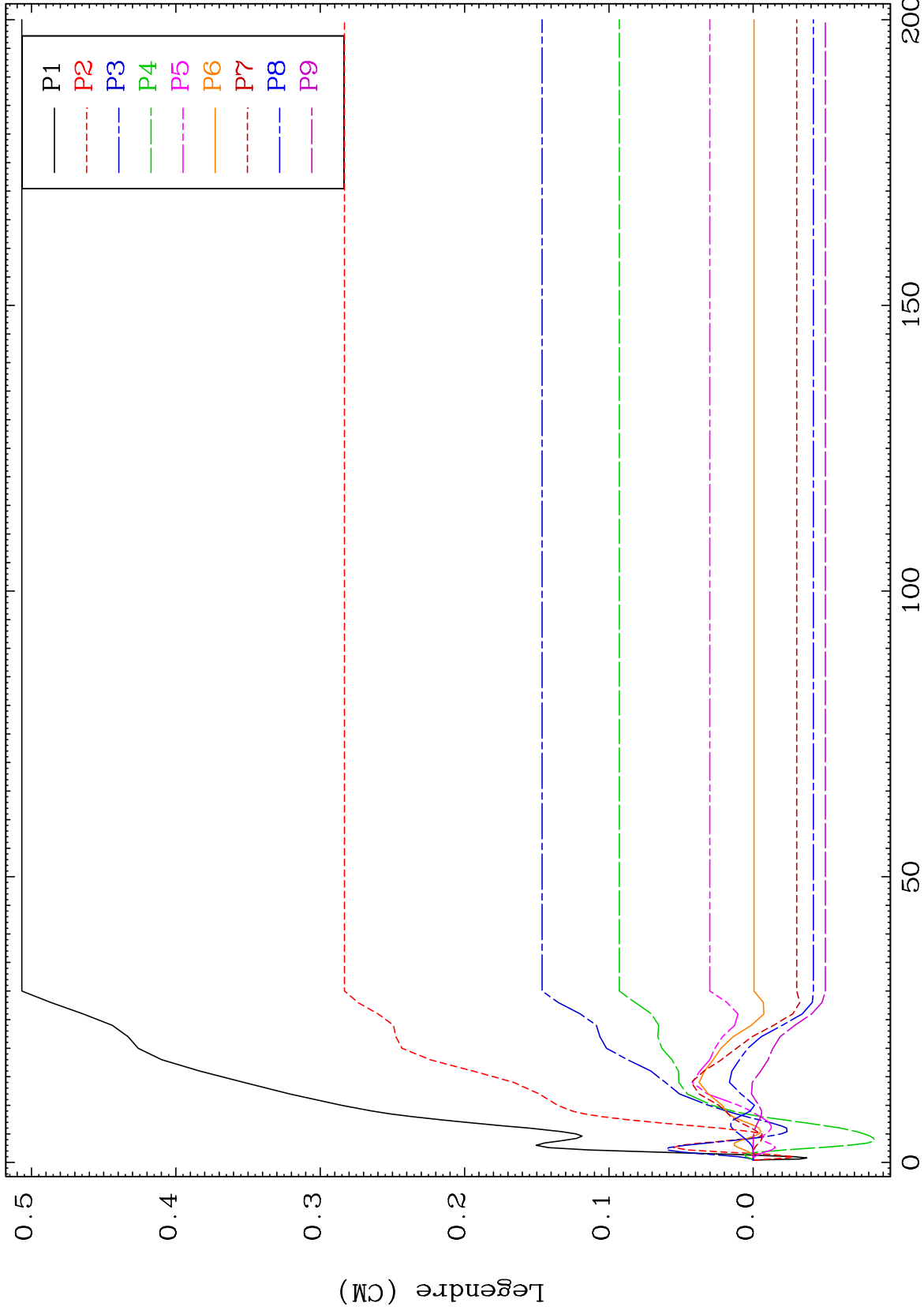
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

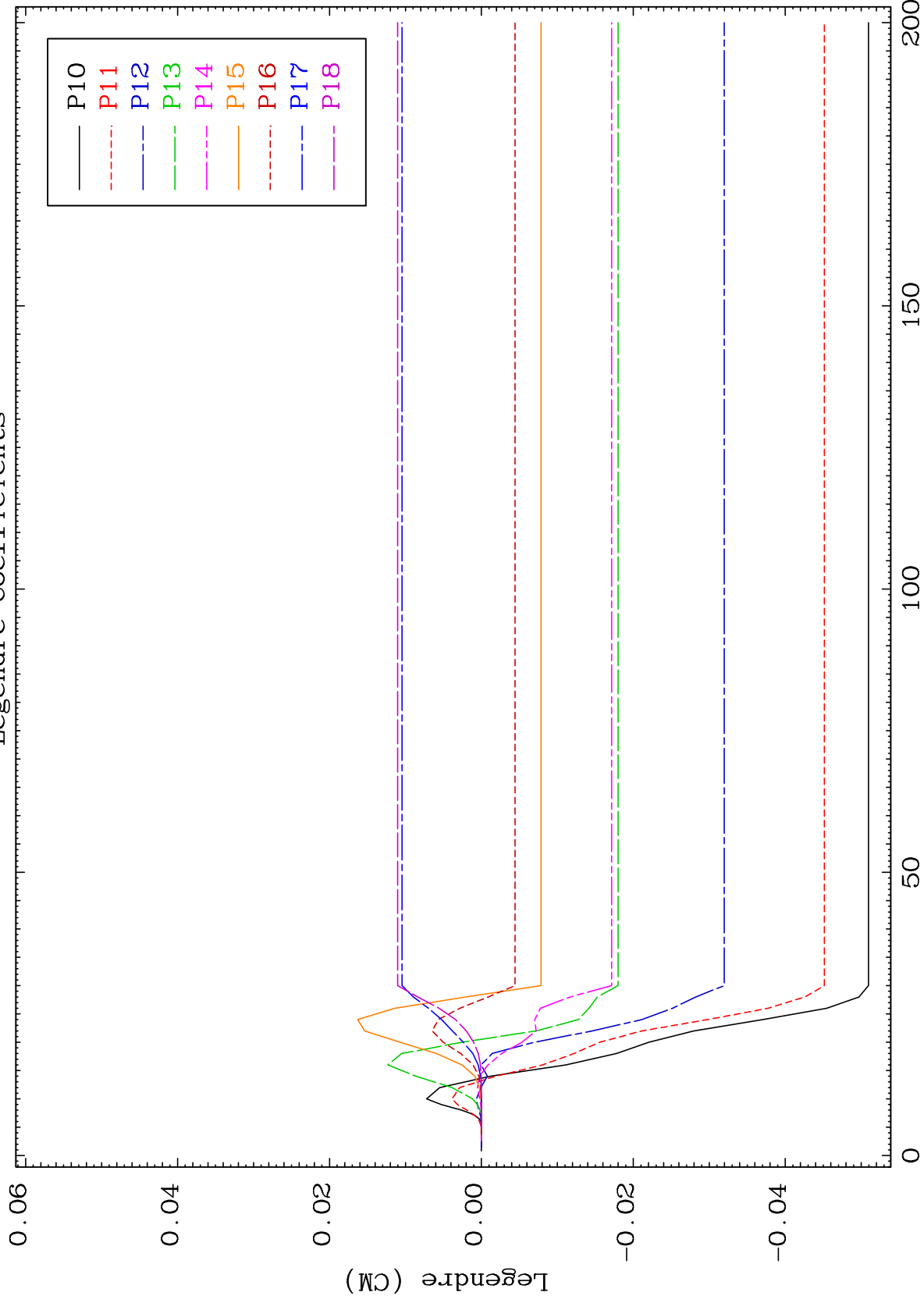
Incident Energy (MeV)

52

MAT 5404

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

54-Xe-117



53

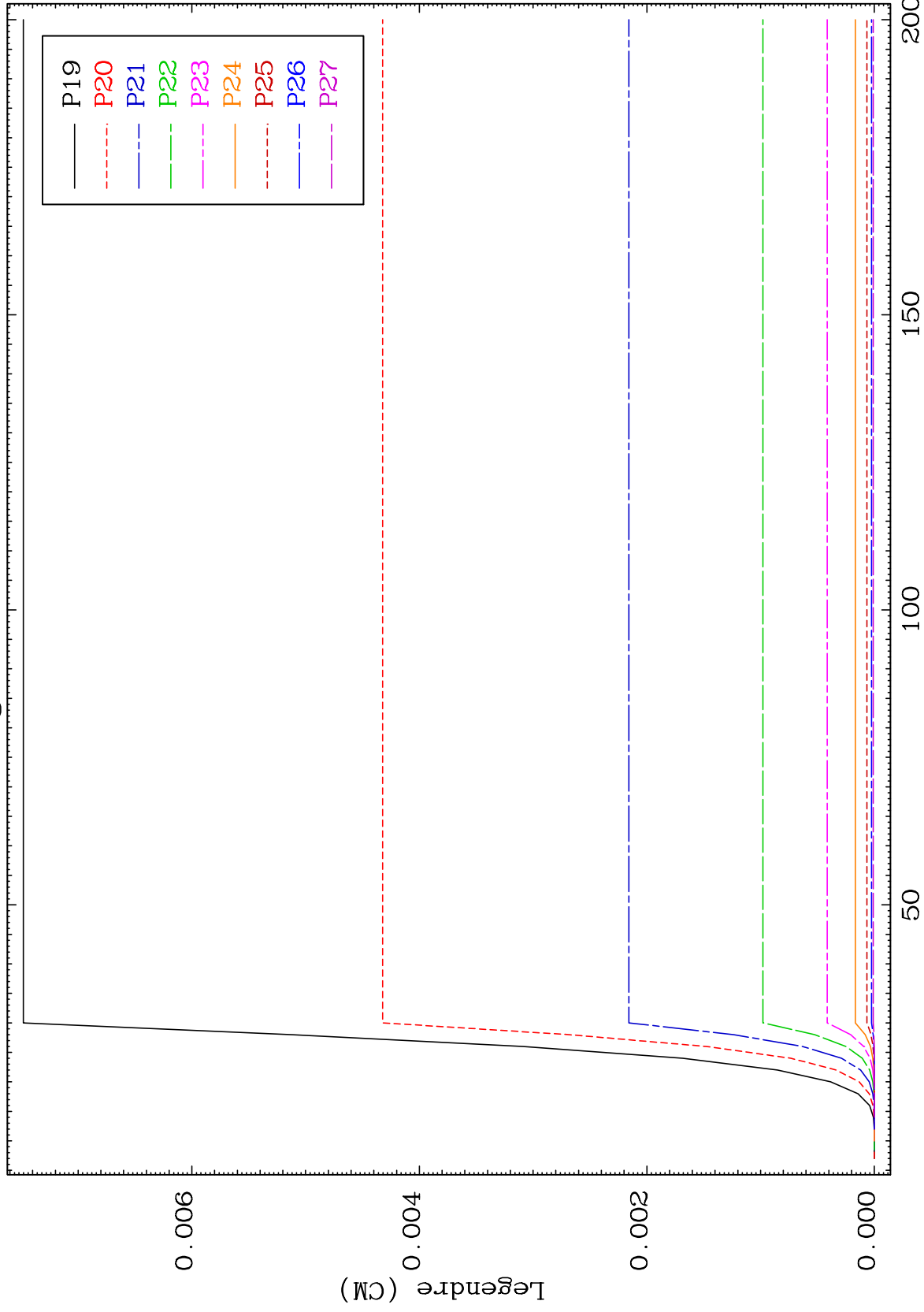
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54

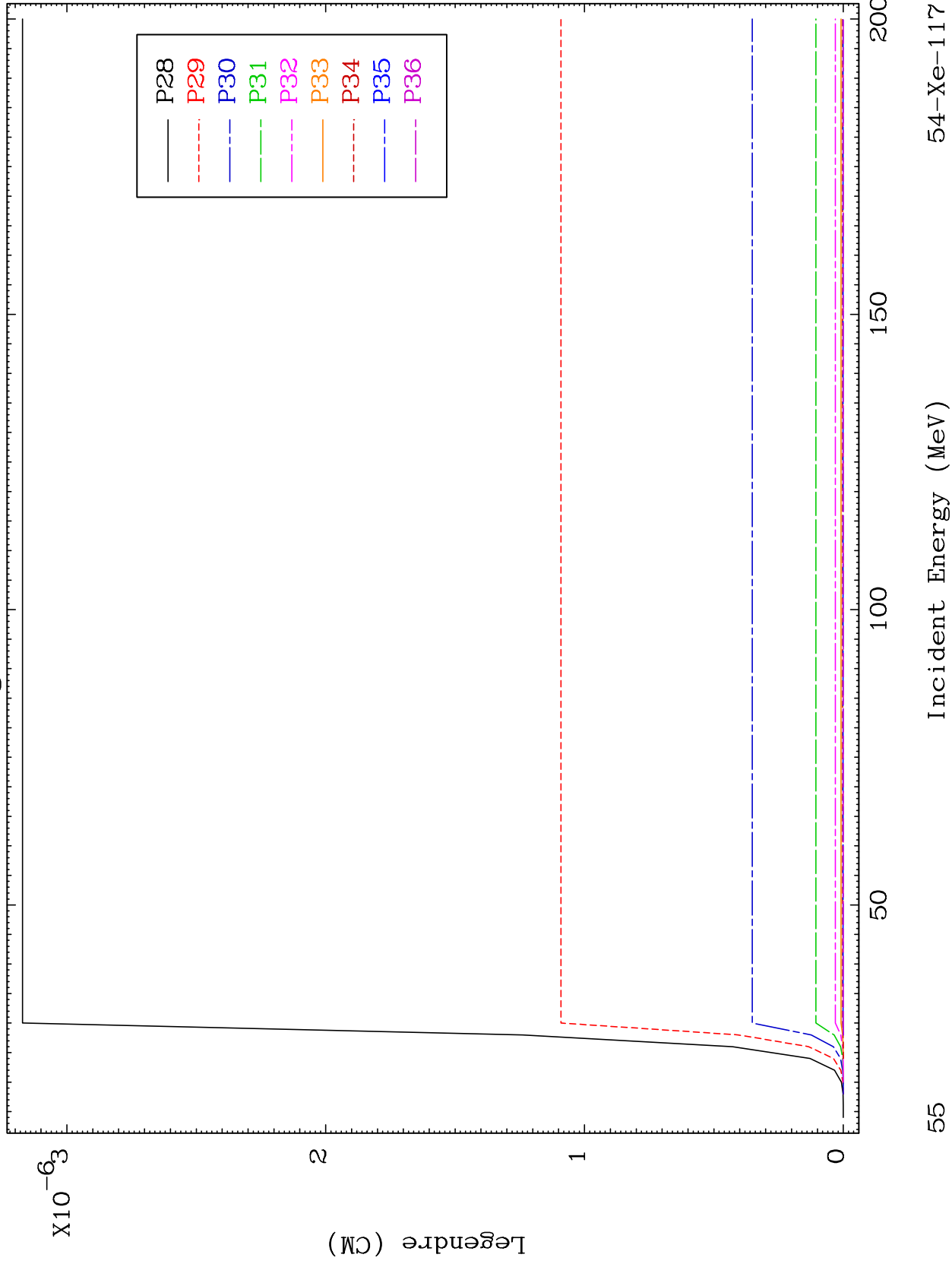
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



55

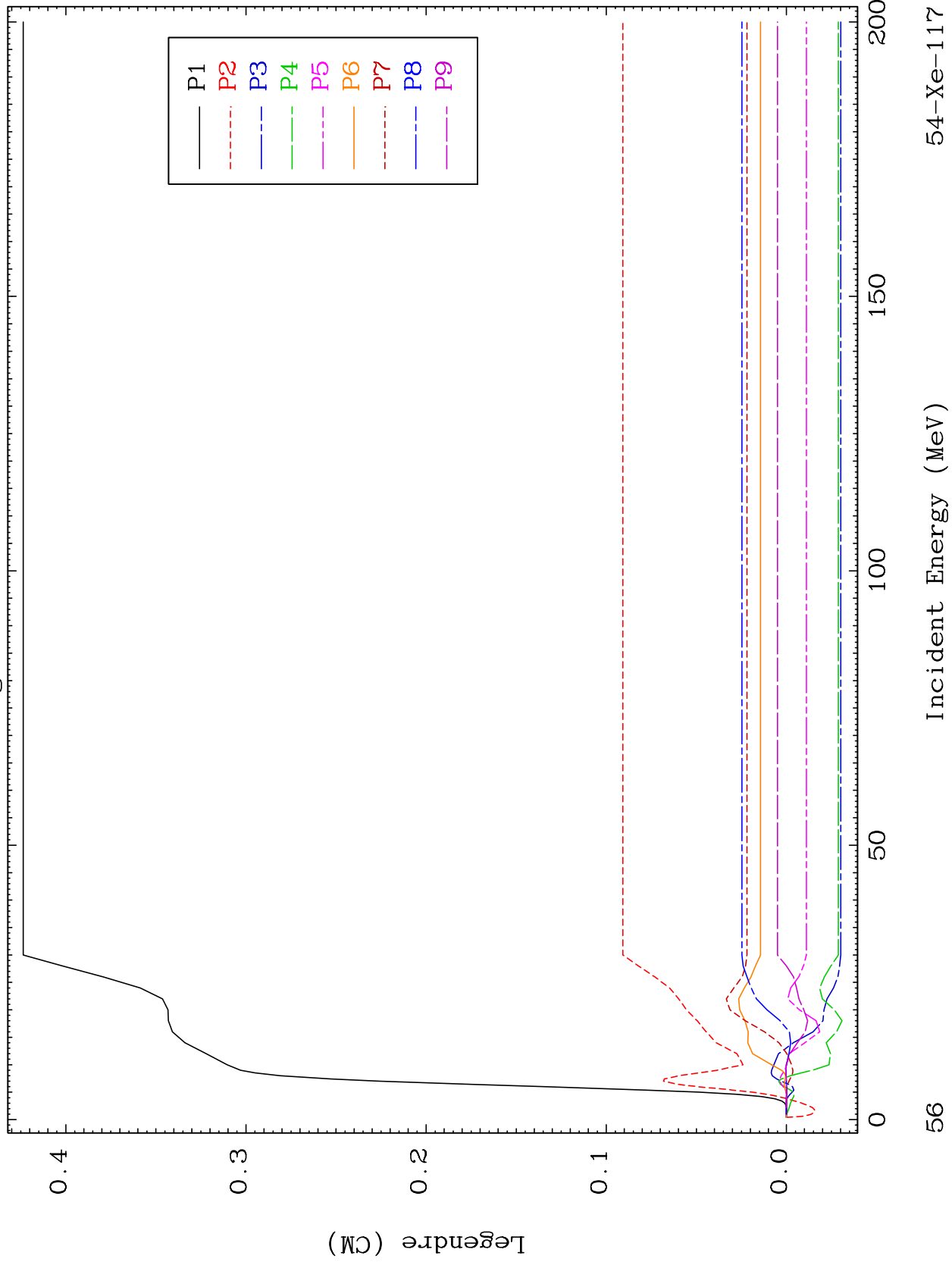
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

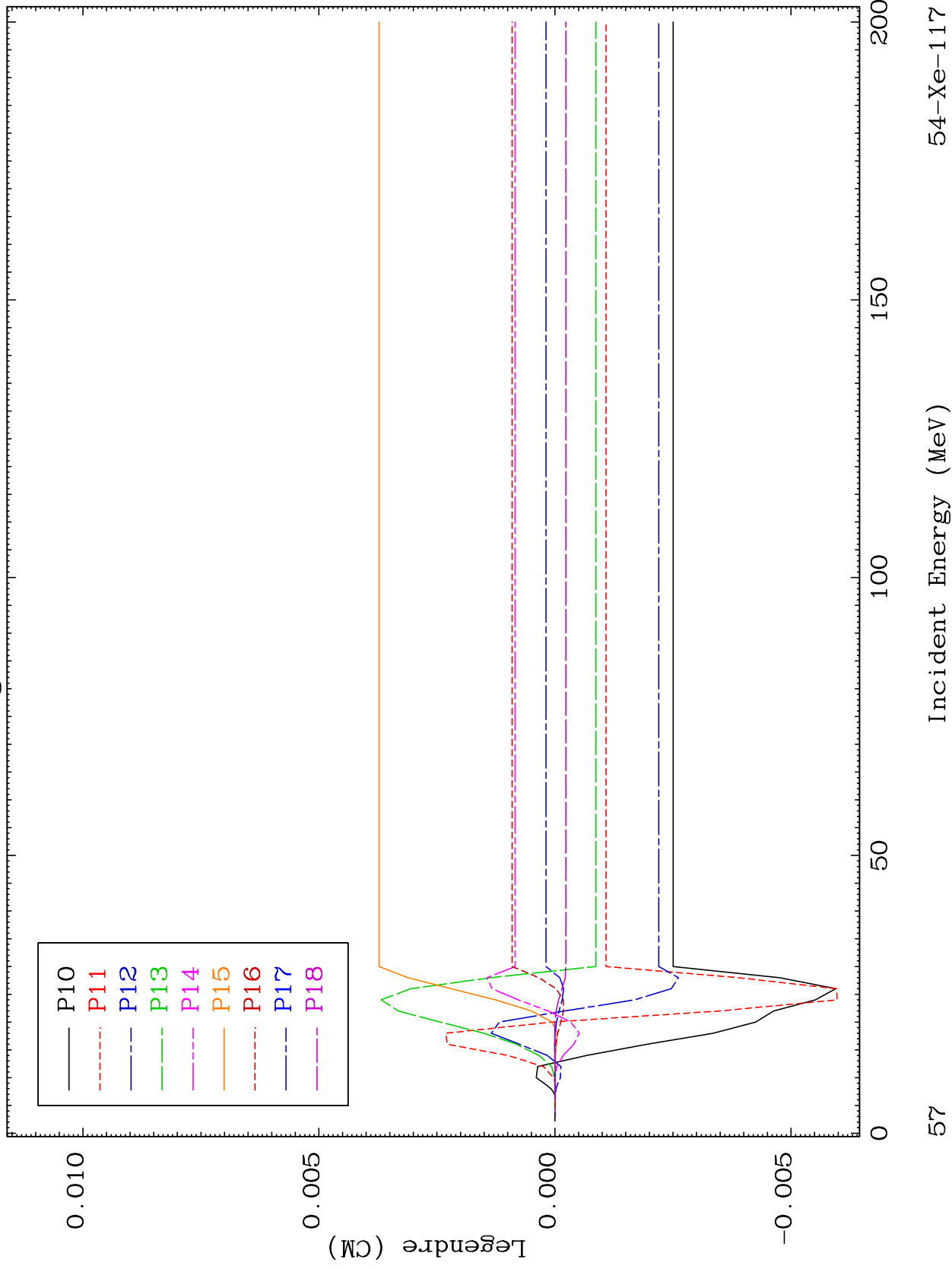
Incident Energy (MeV)

56

MAT 5404

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

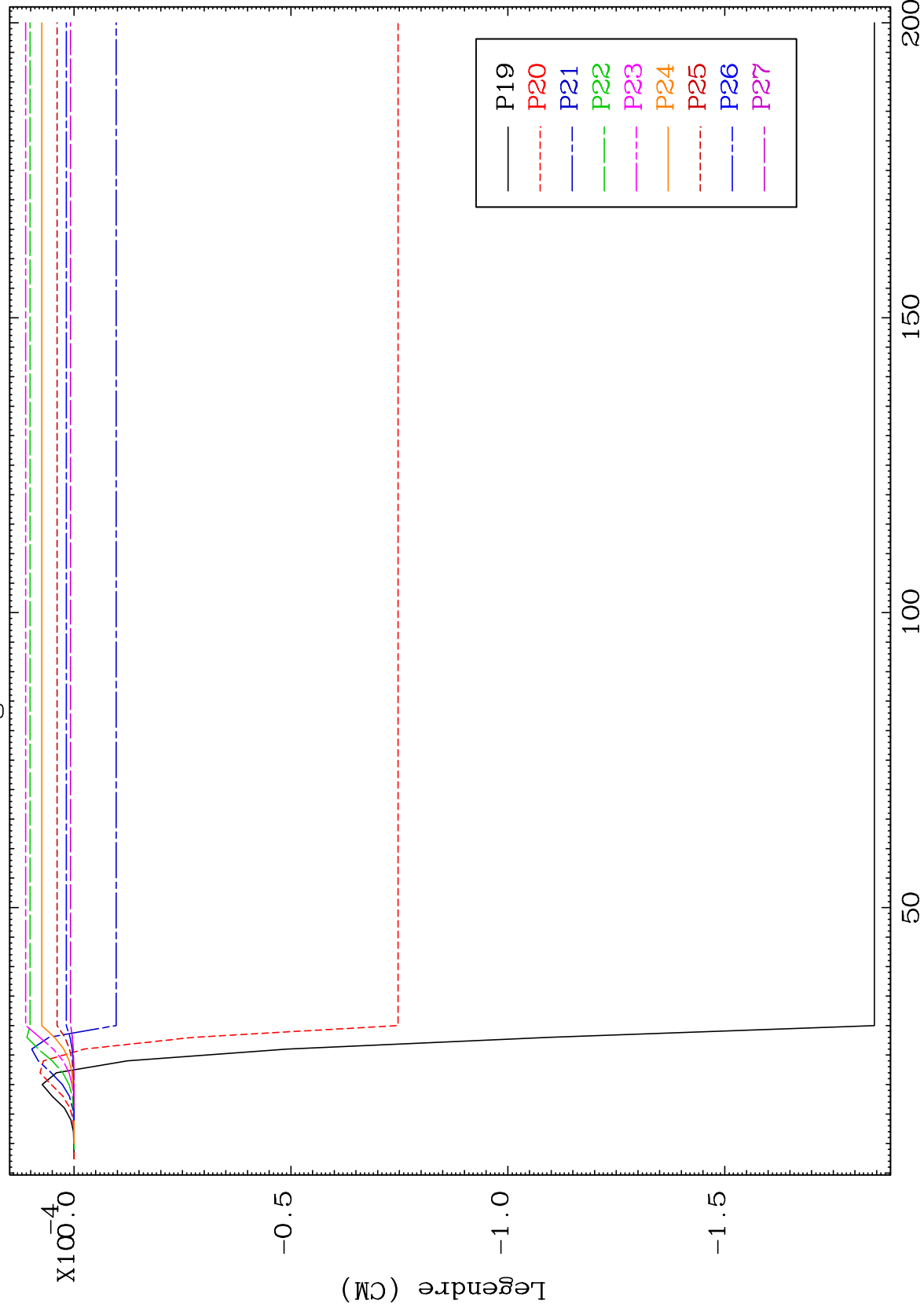
54-Xe-117



MAT 5404

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

54-Xe-117



58

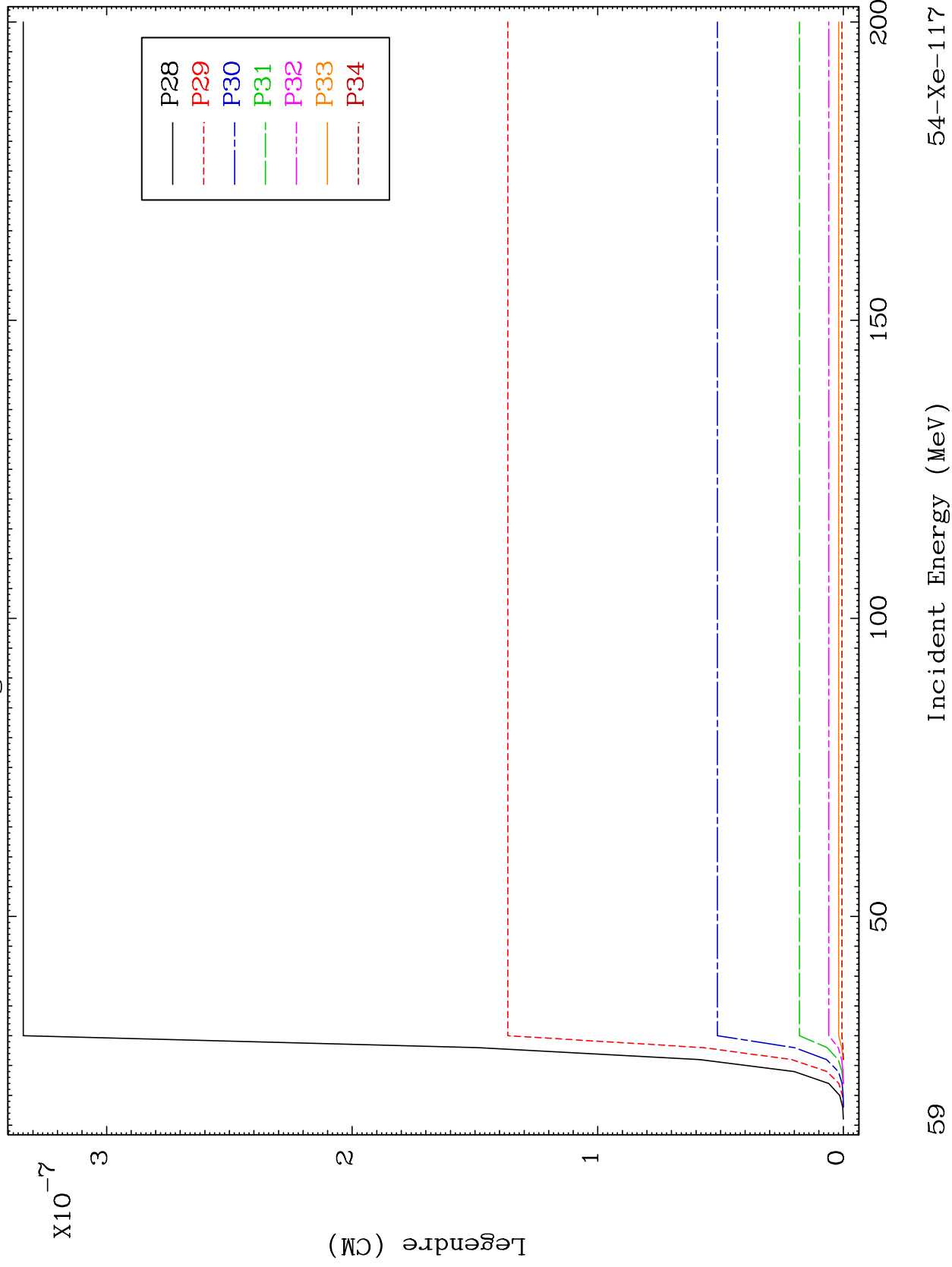
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



59

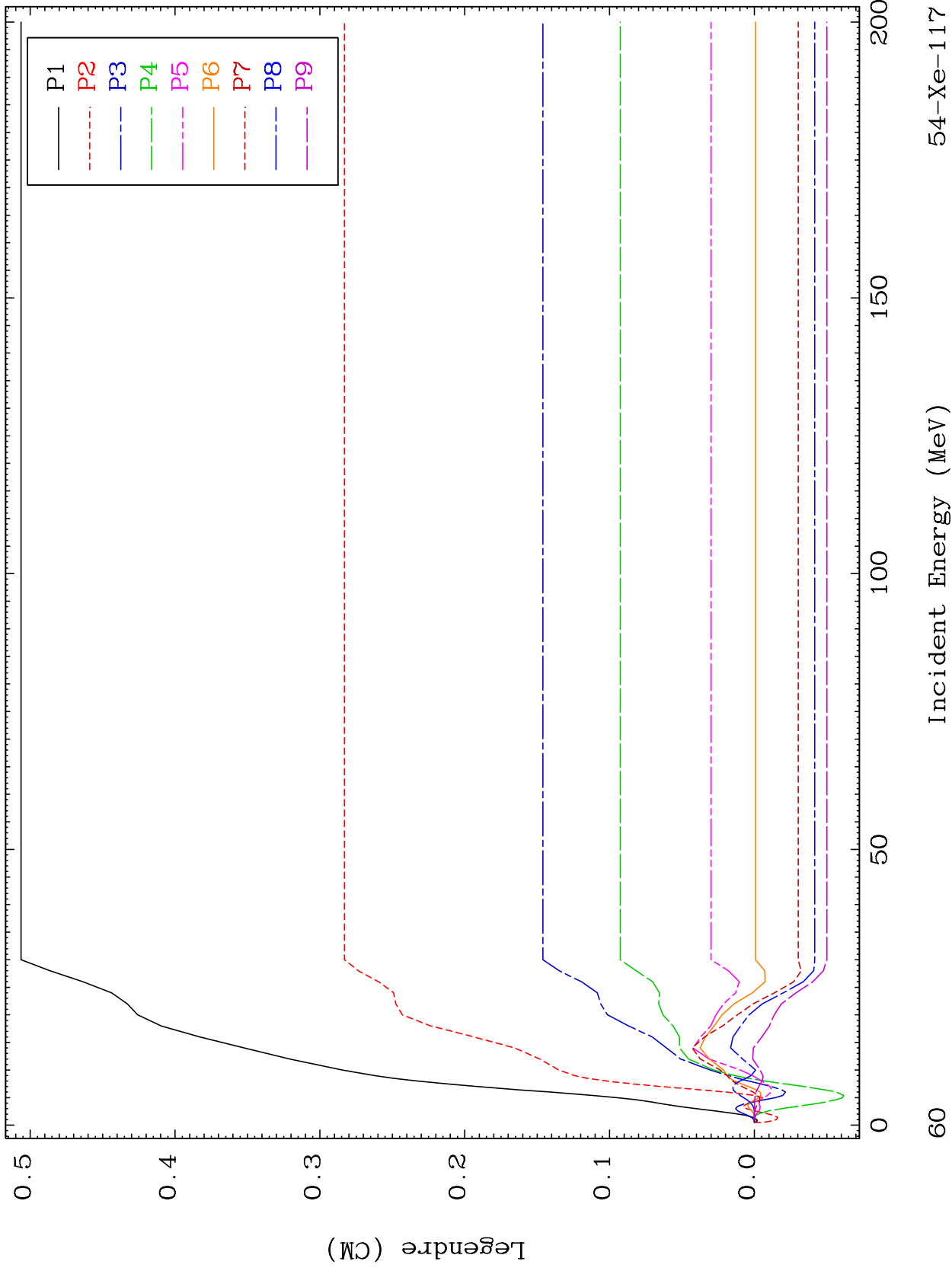
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

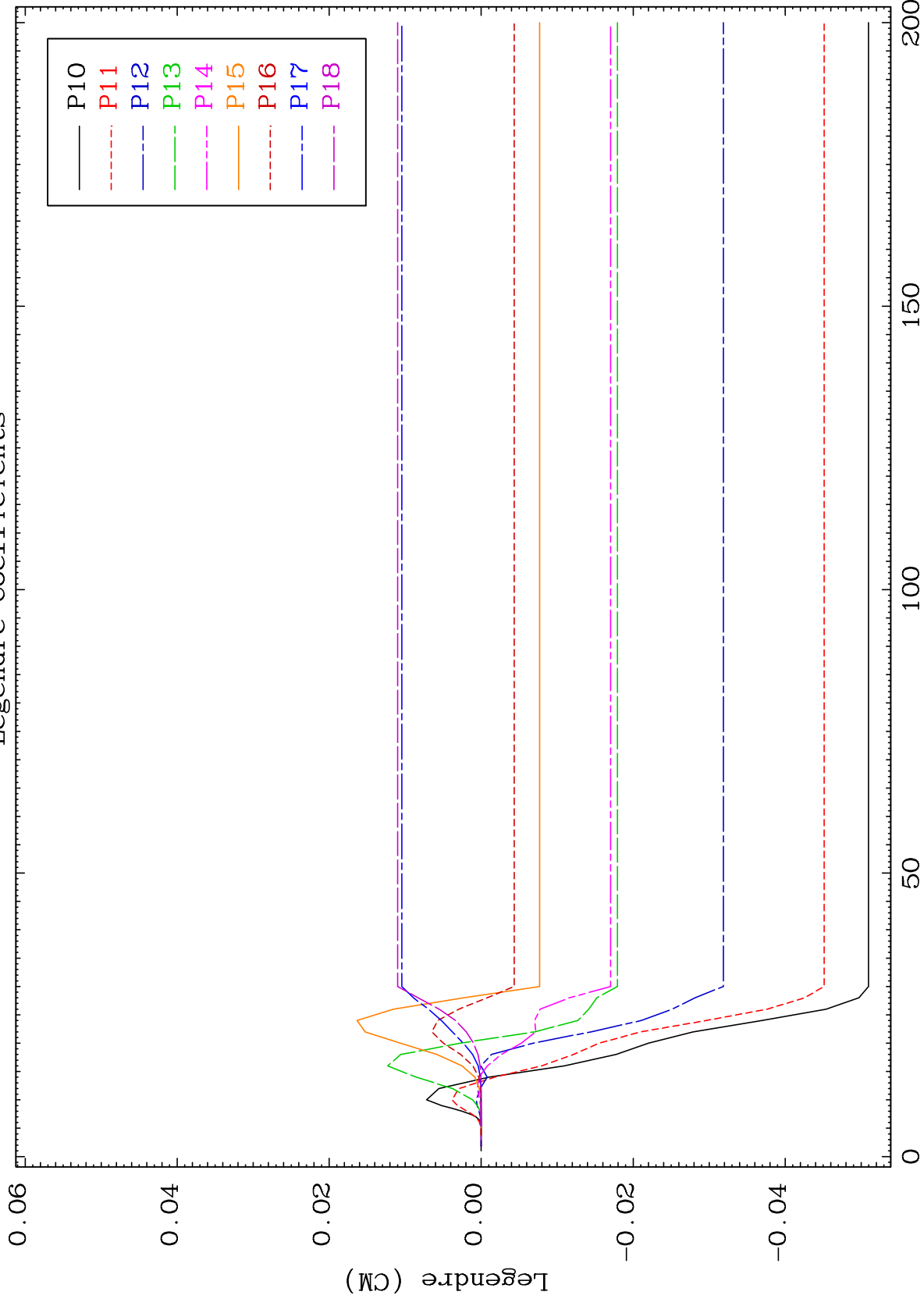
Incident Energy (MeV)

60

MAT 5404

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

54-Xe-117



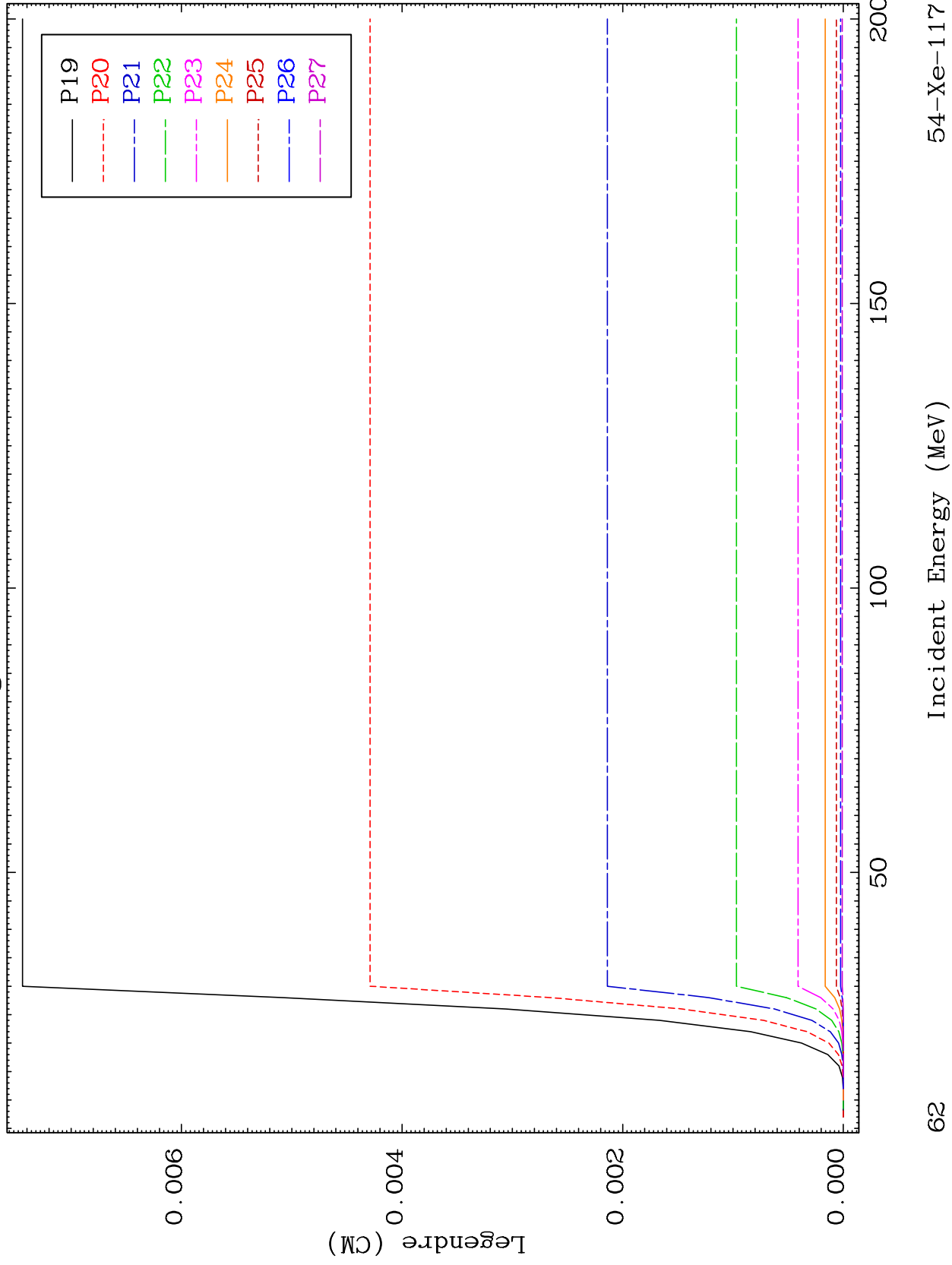
61

54-Xe-117

MAT 5404

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

54-Xe-117



62

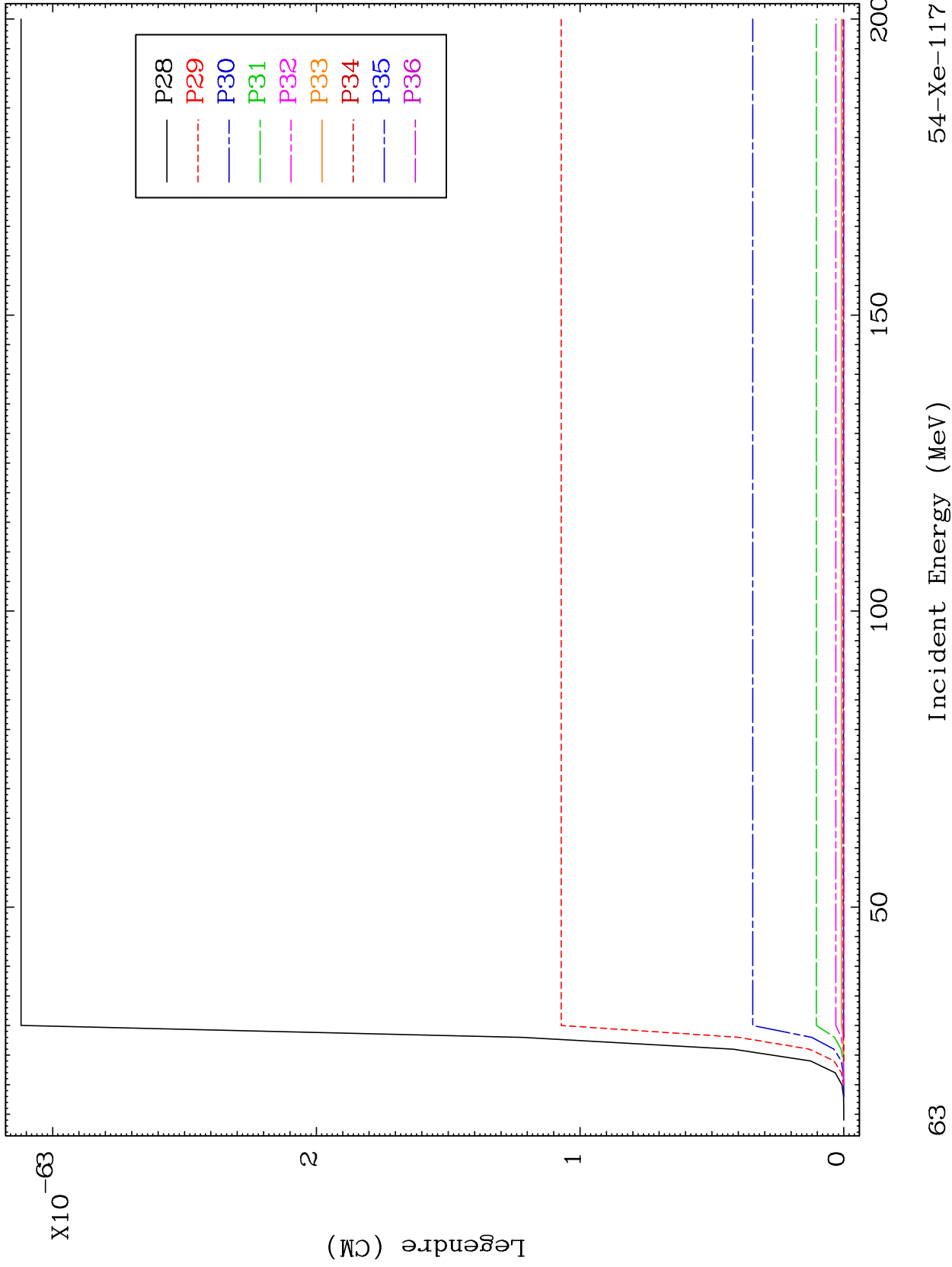
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

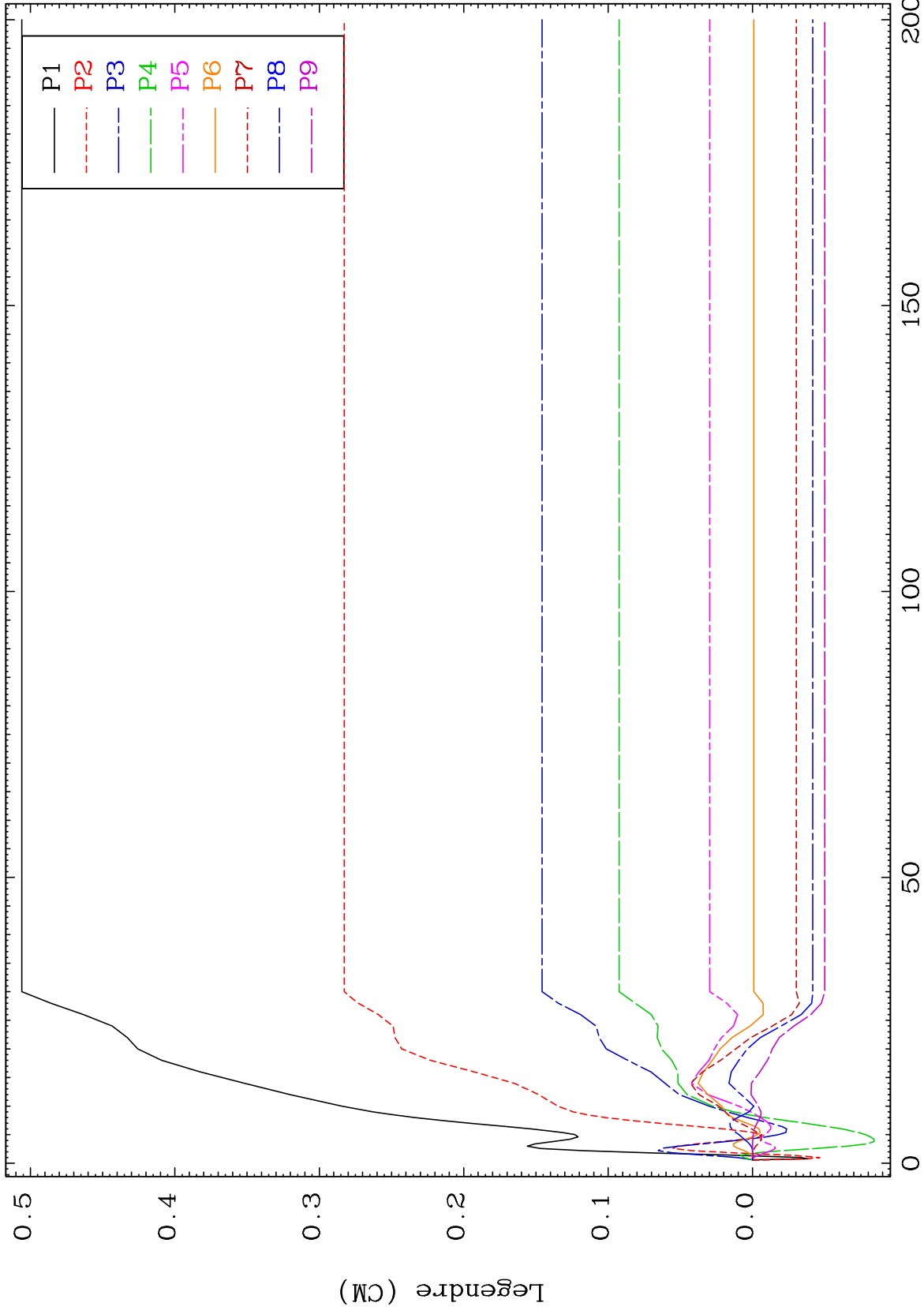
54-Xe-117



MAT 5404

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

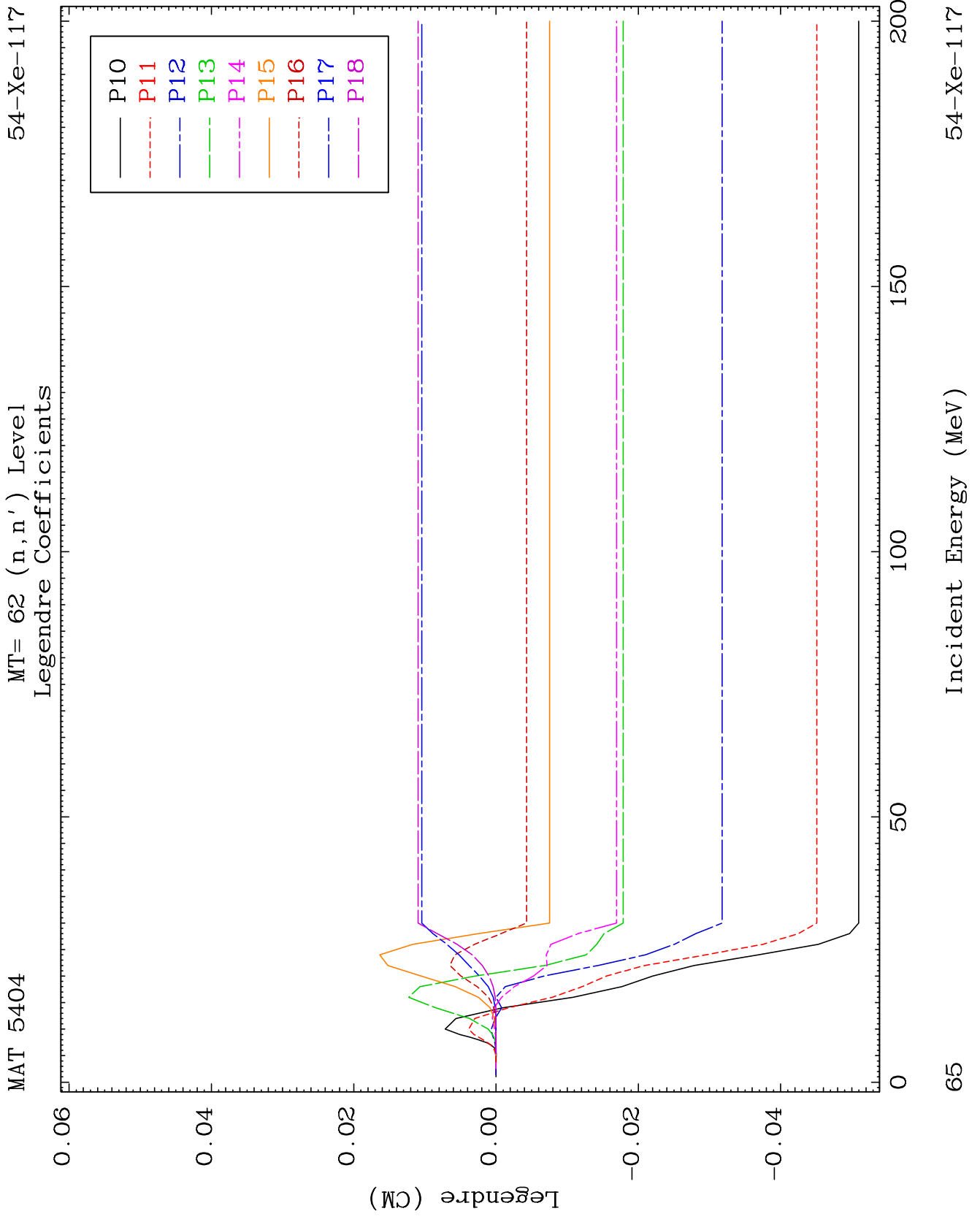
54-Xe-117



54-Xe-117

Incident Energy (MeV)

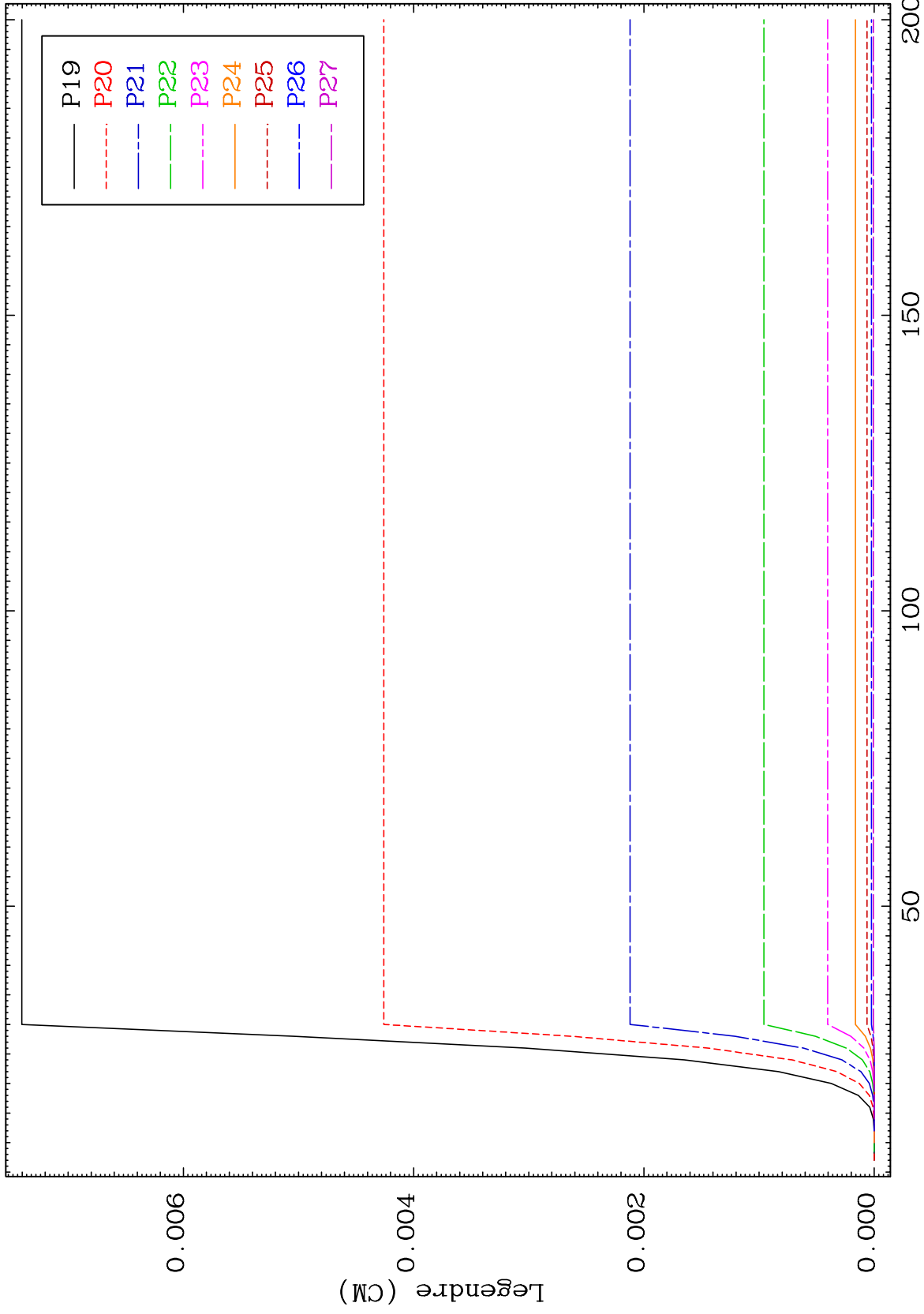
64



MAT 5404

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

54-Xe-117



66

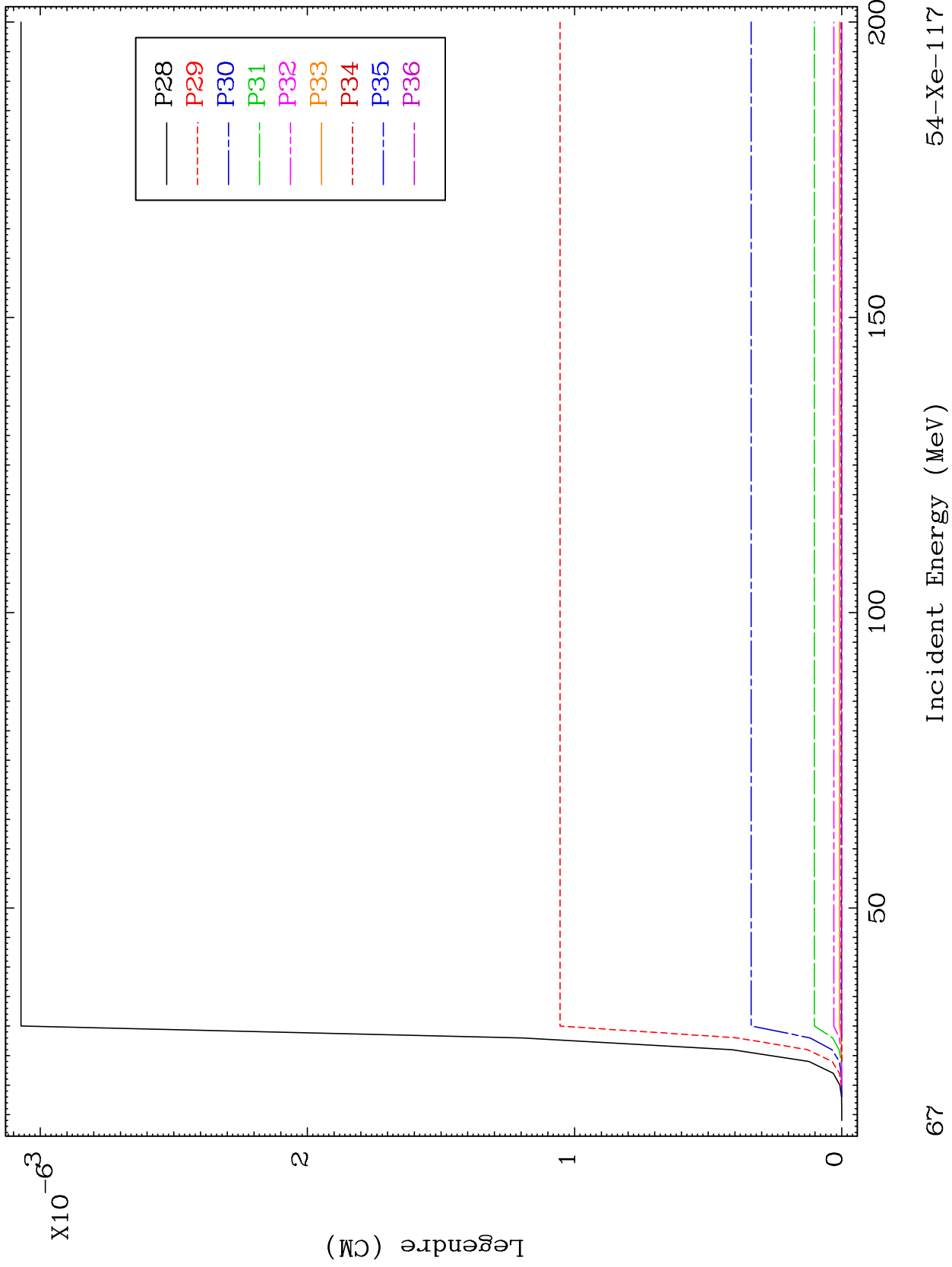
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

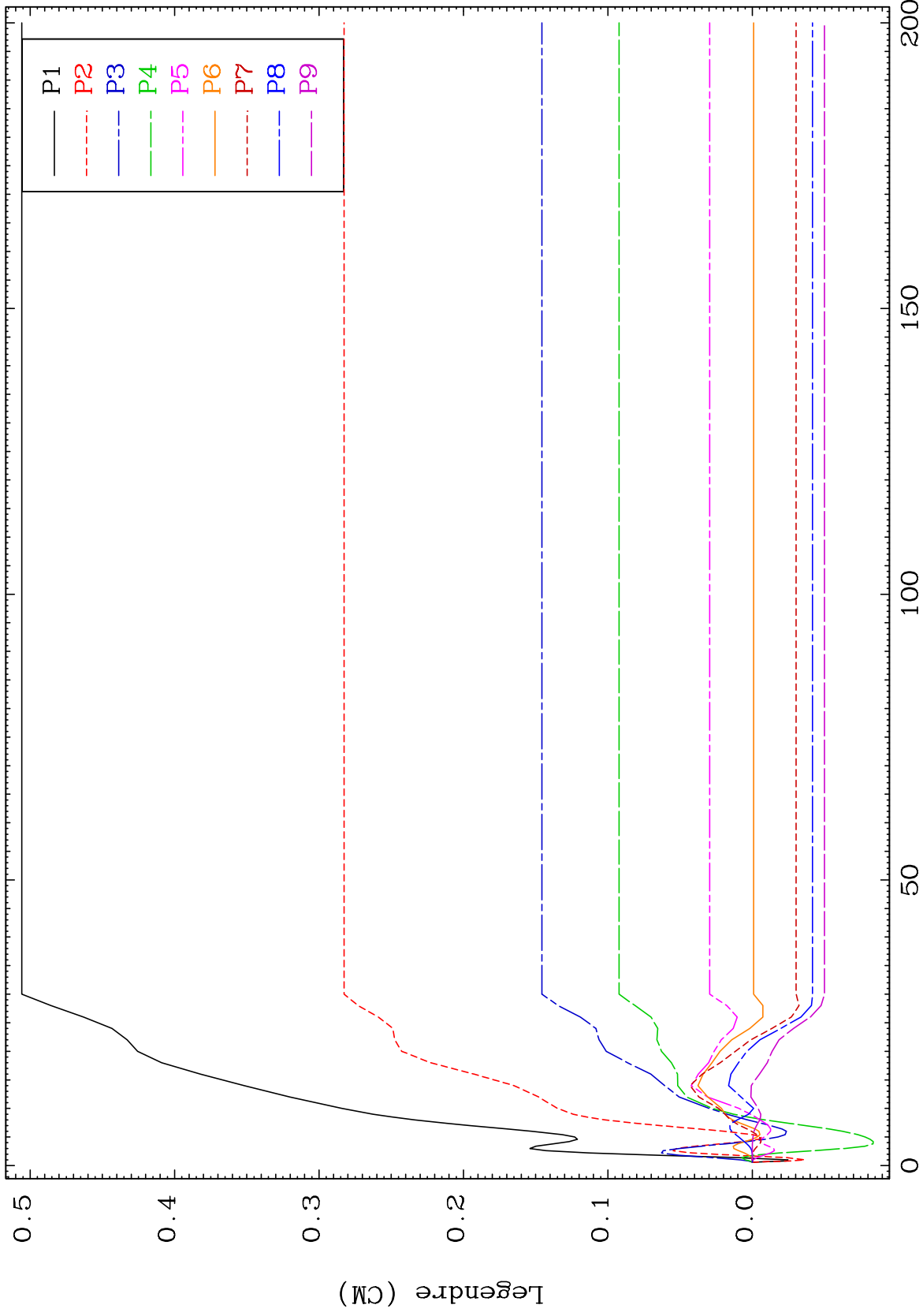
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

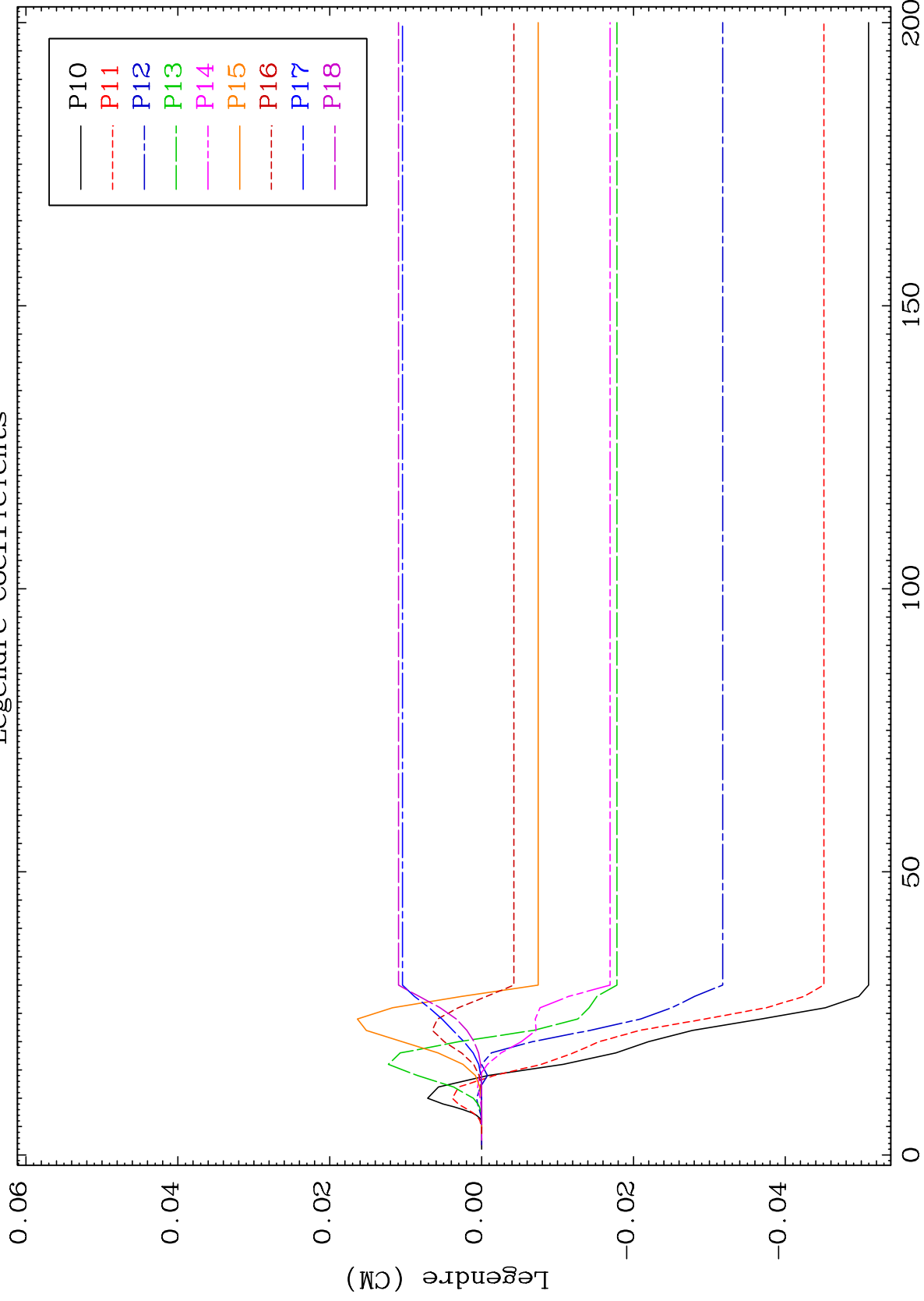
Incident Energy (MeV)

68

MAT 5404

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

54-Xe-117



69

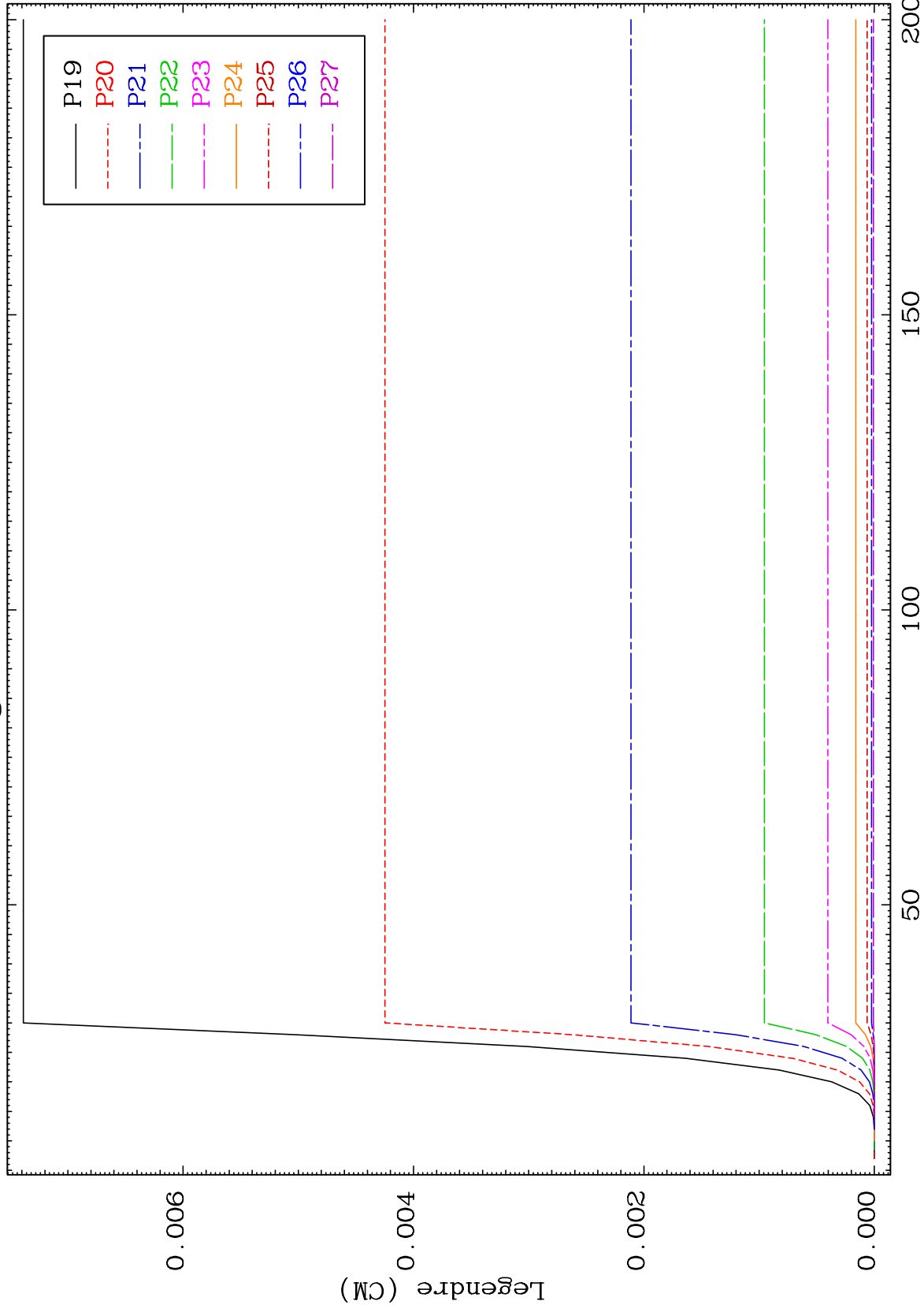
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



70

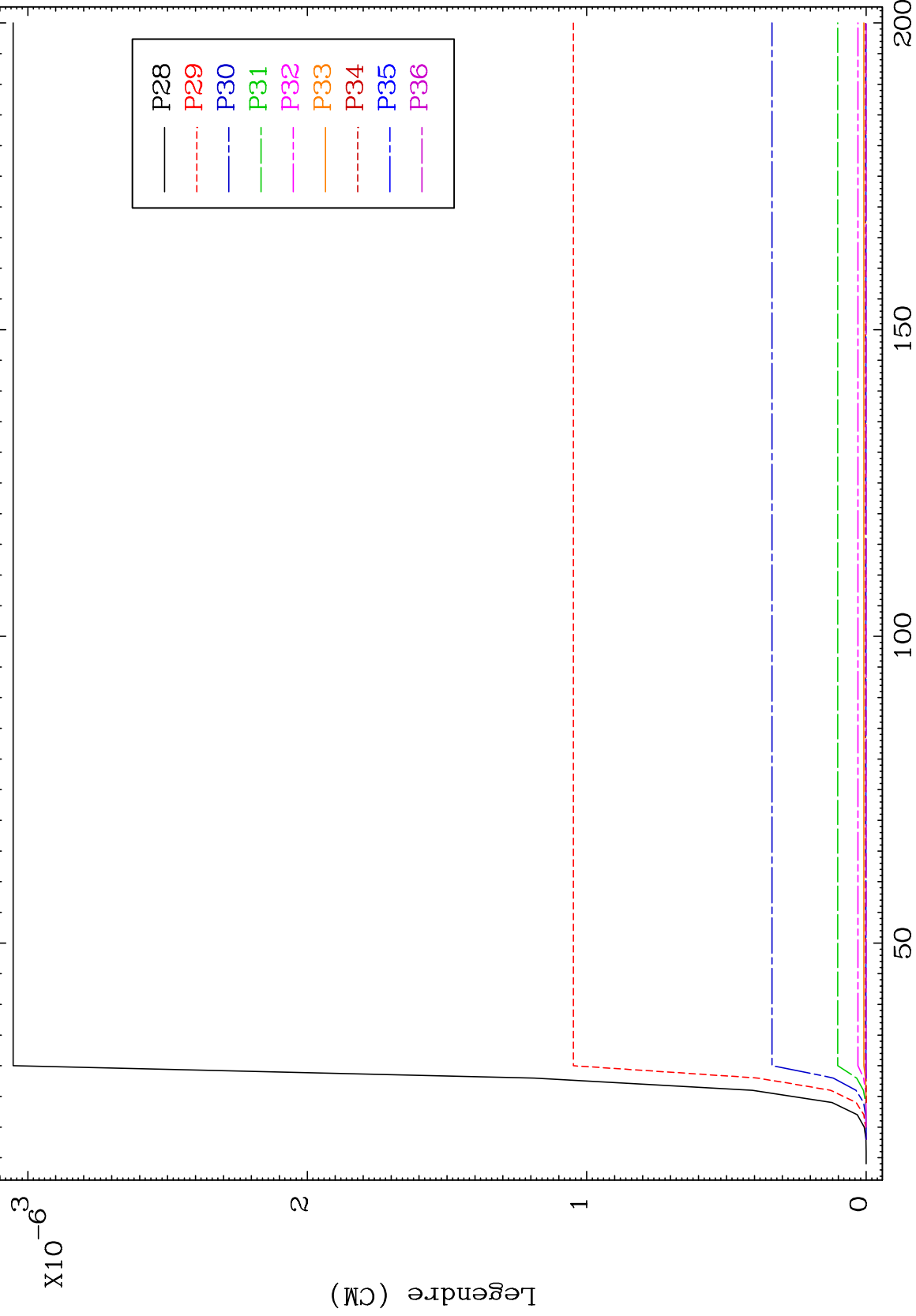
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



71

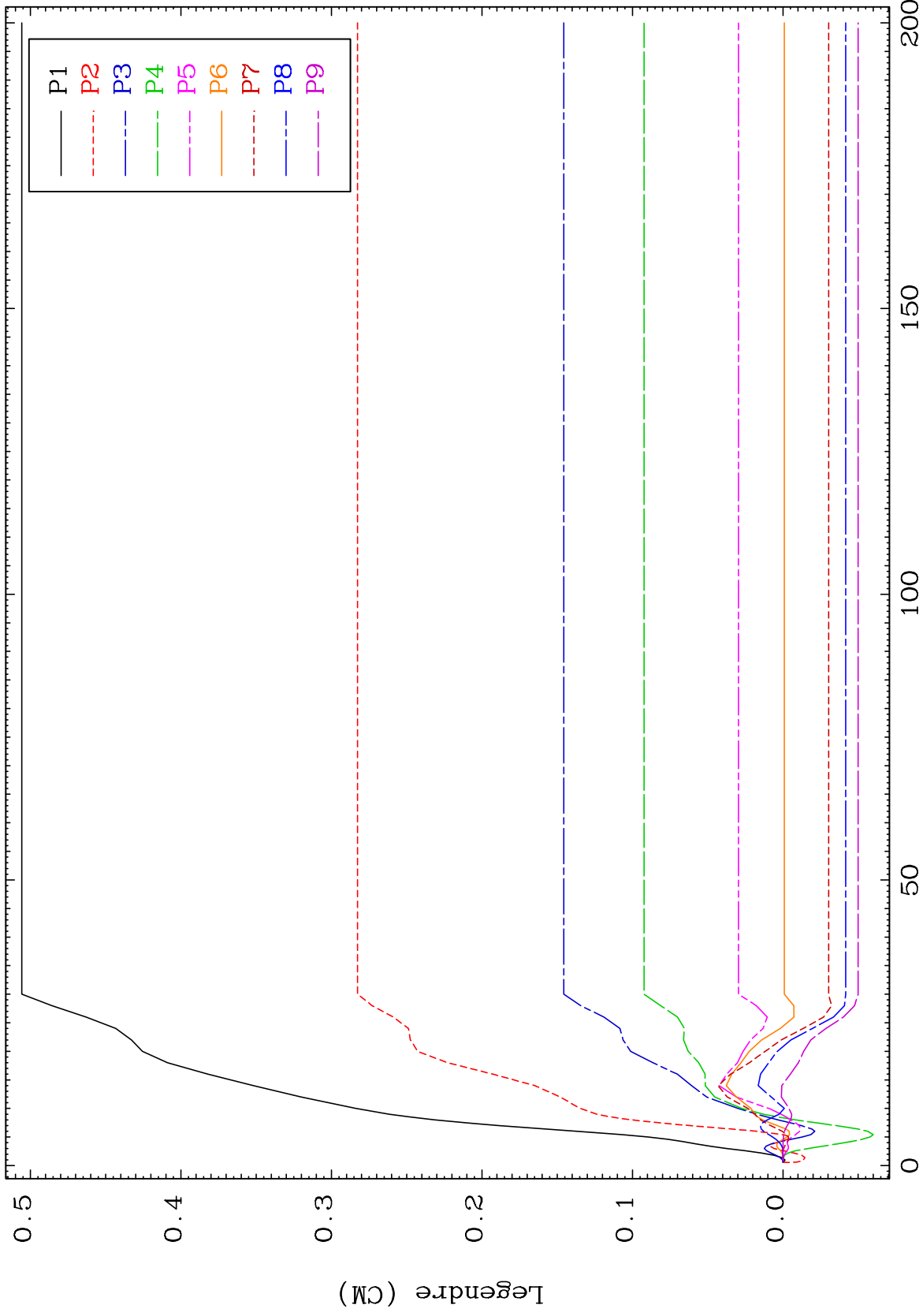
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

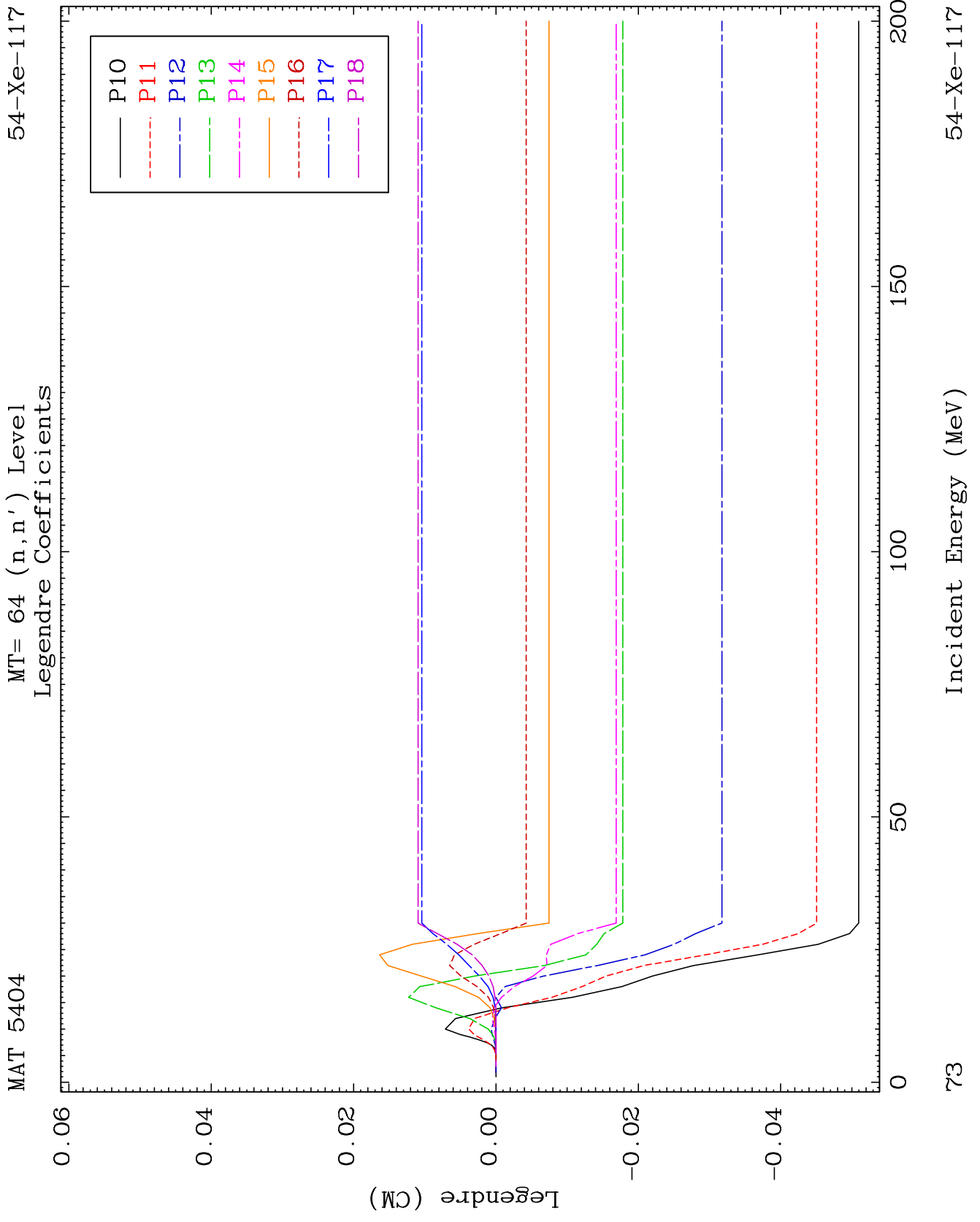
54-Xe-117



54-Xe-117

Incident Energy (MeV)

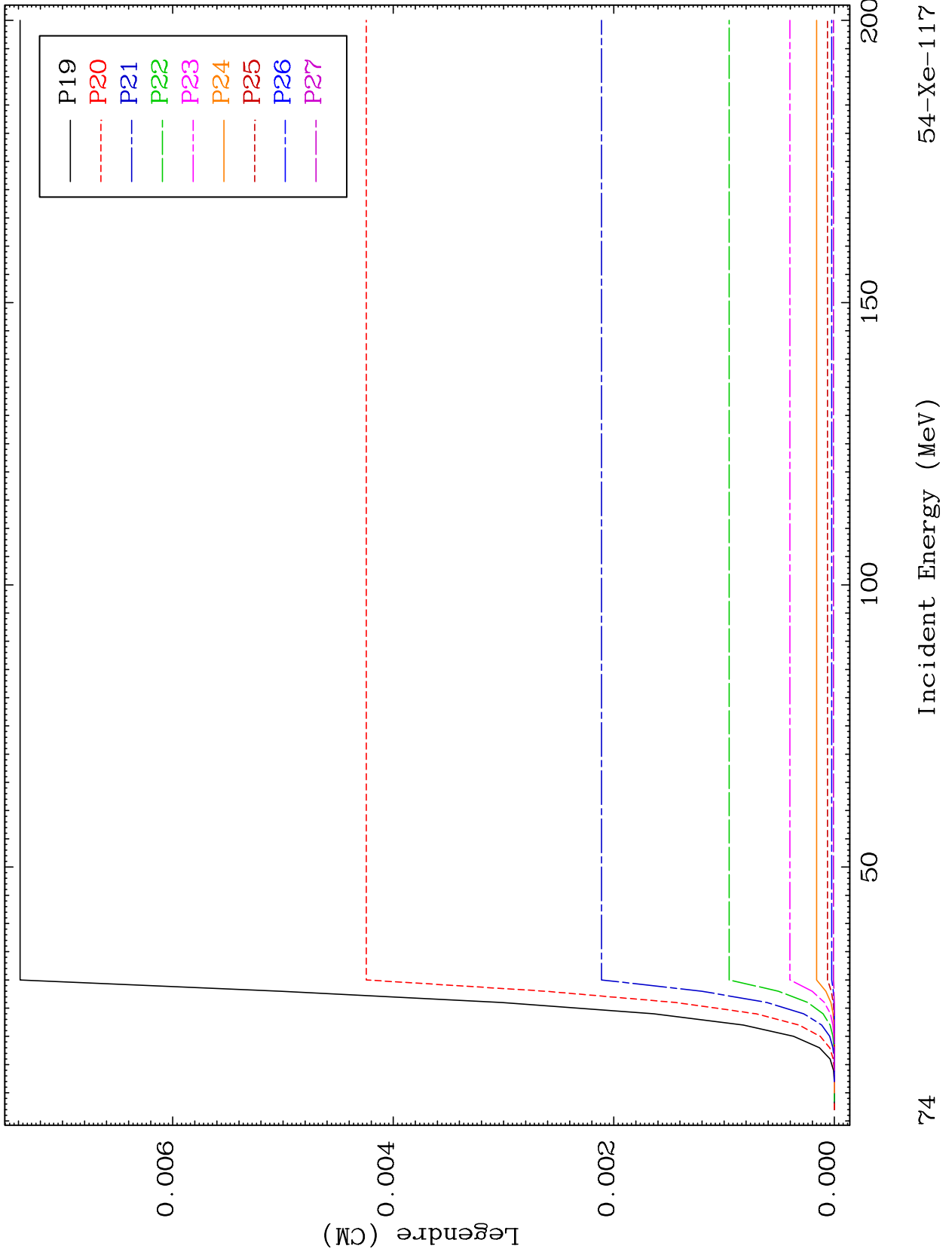
72



MAT 5404

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

54-Xe-117



74

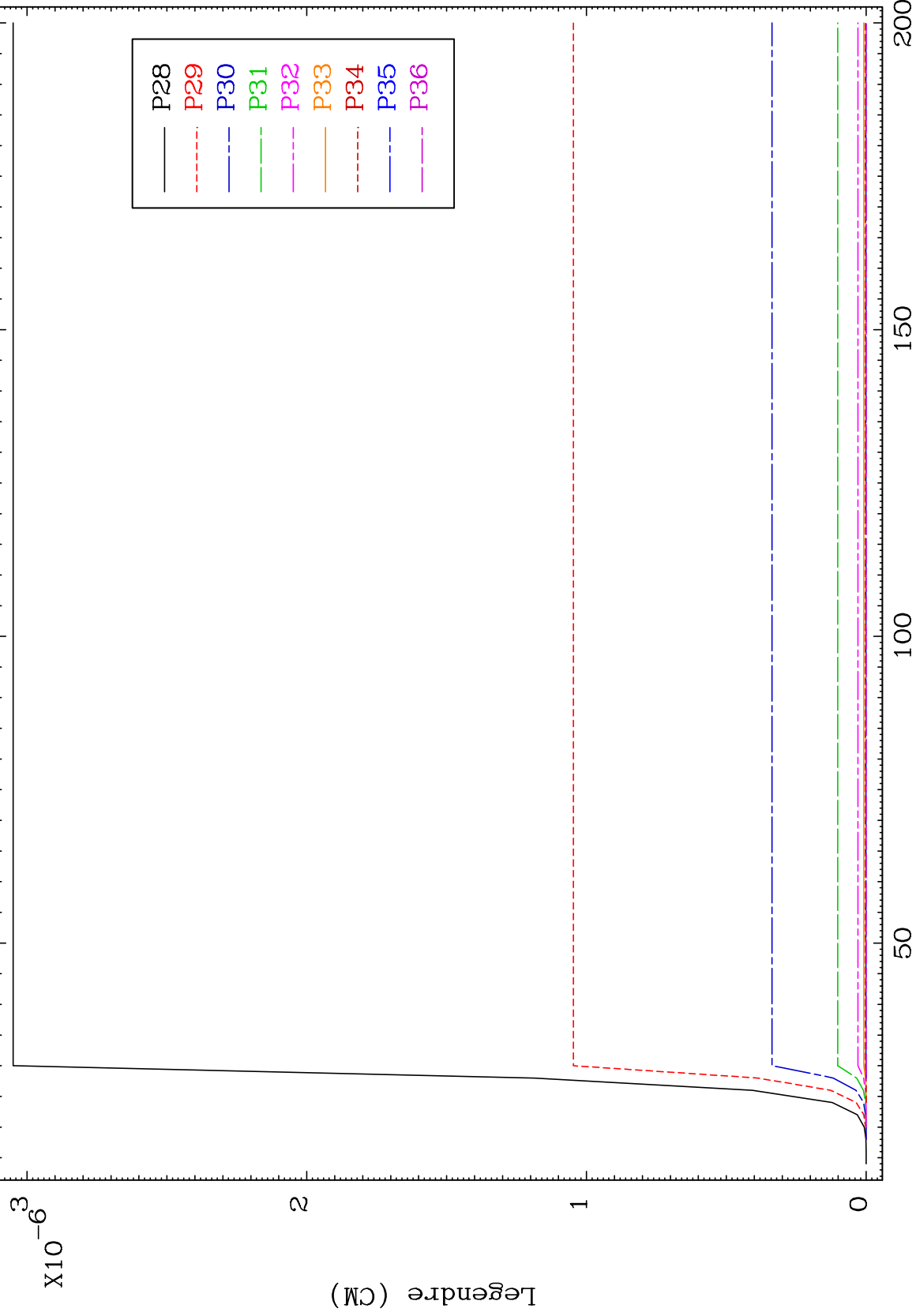
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



75

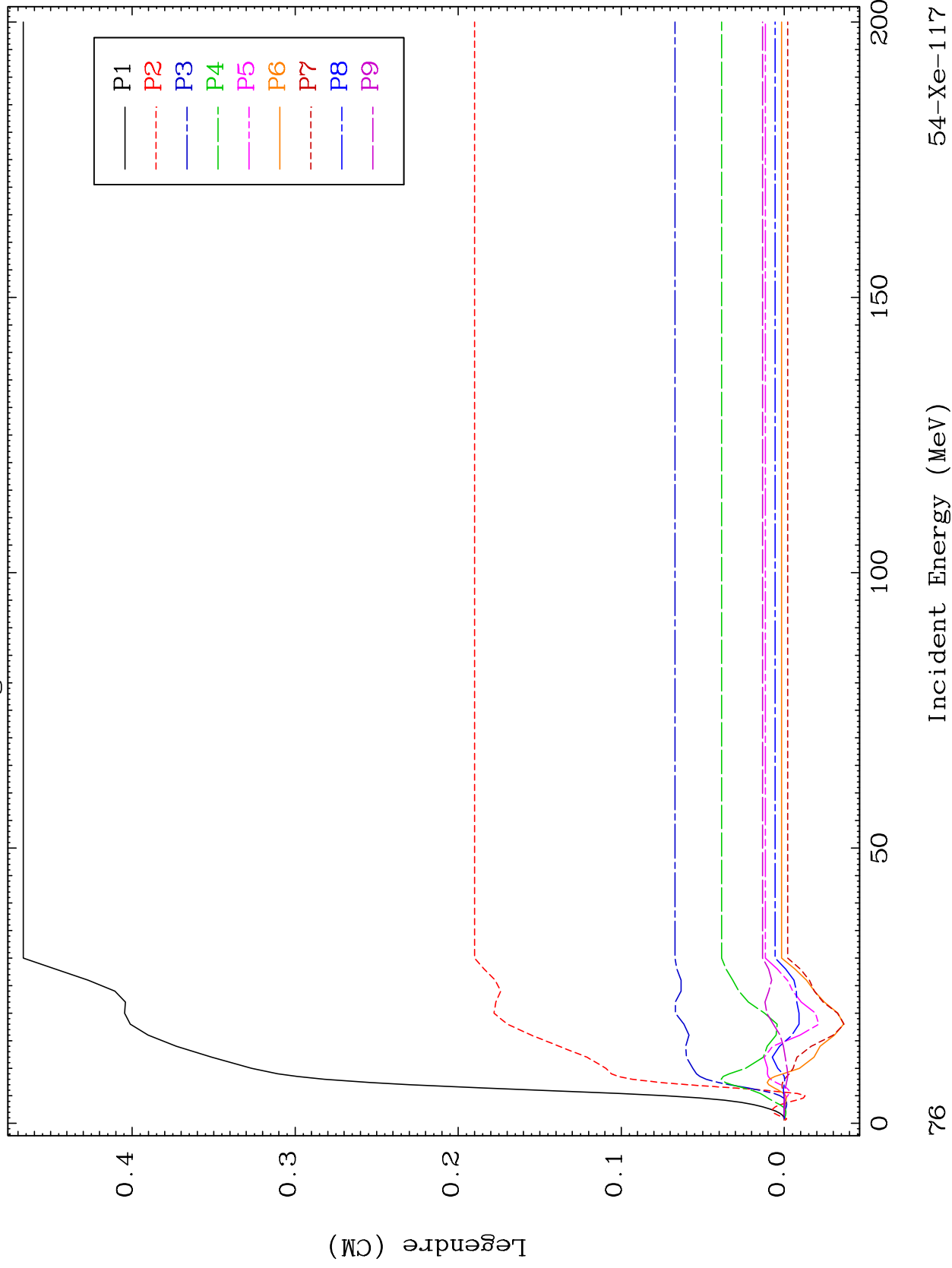
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

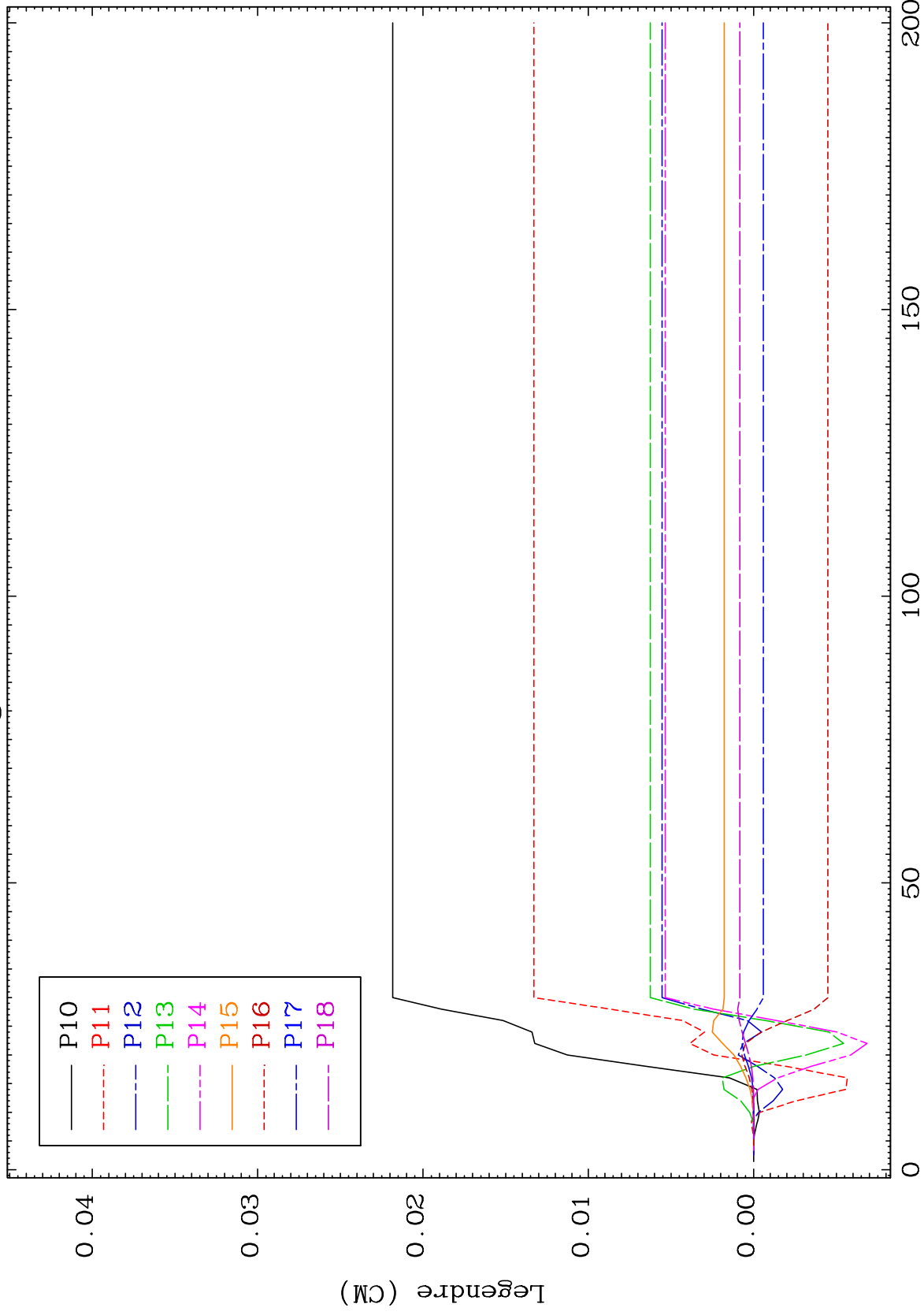
54-Xe-117



MAT 5404

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

54-Xe-117



77

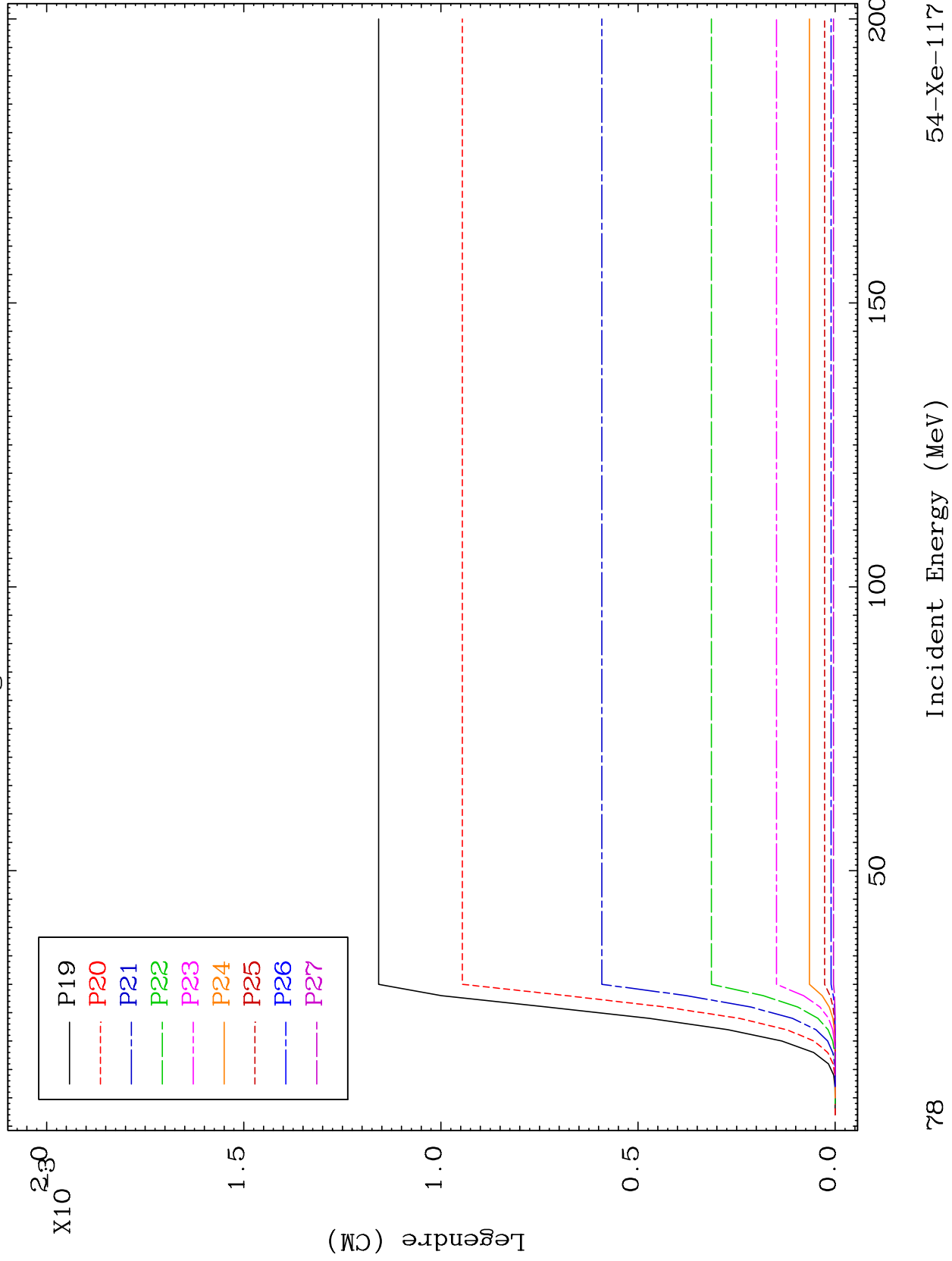
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



78

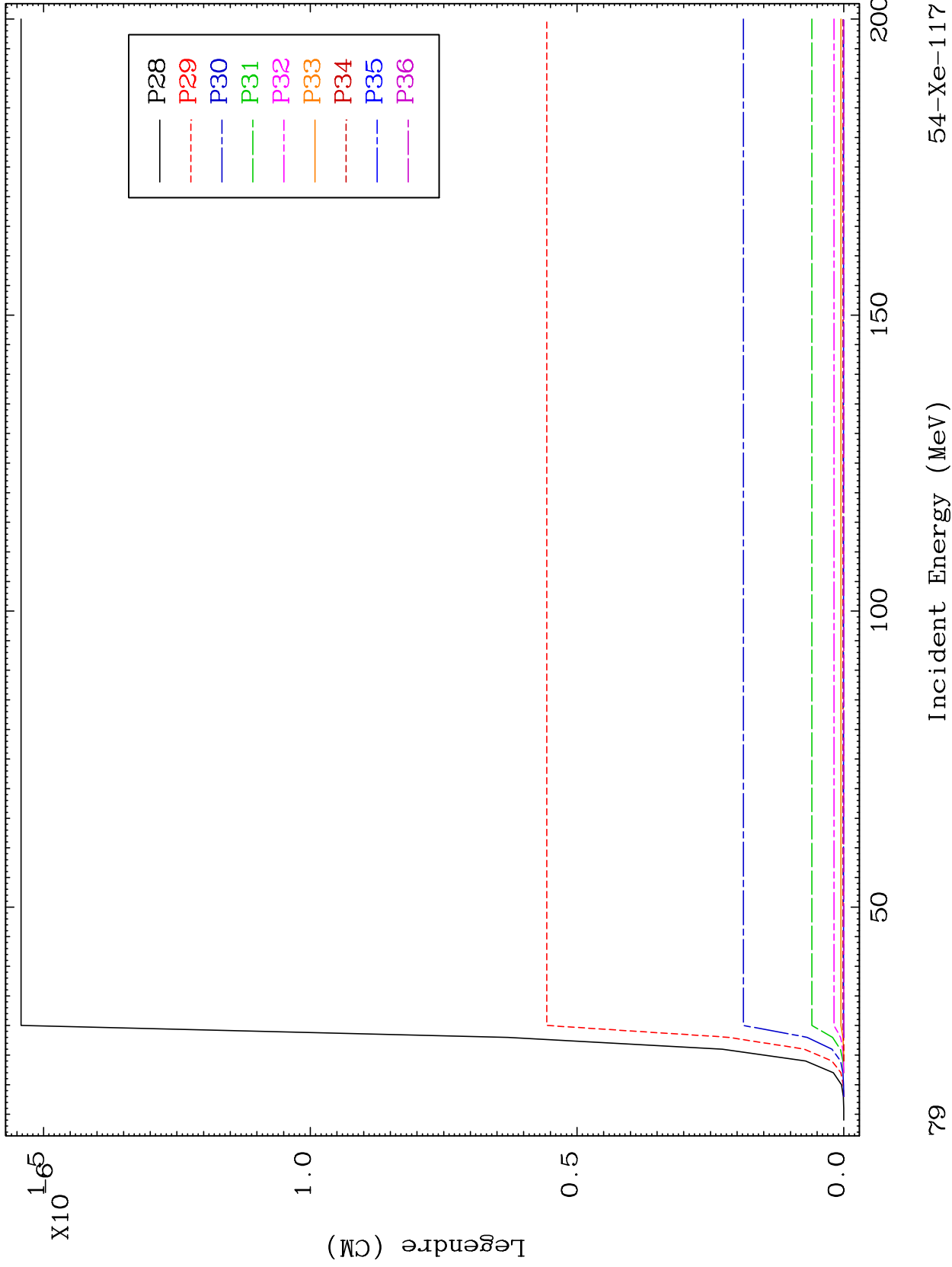
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



79

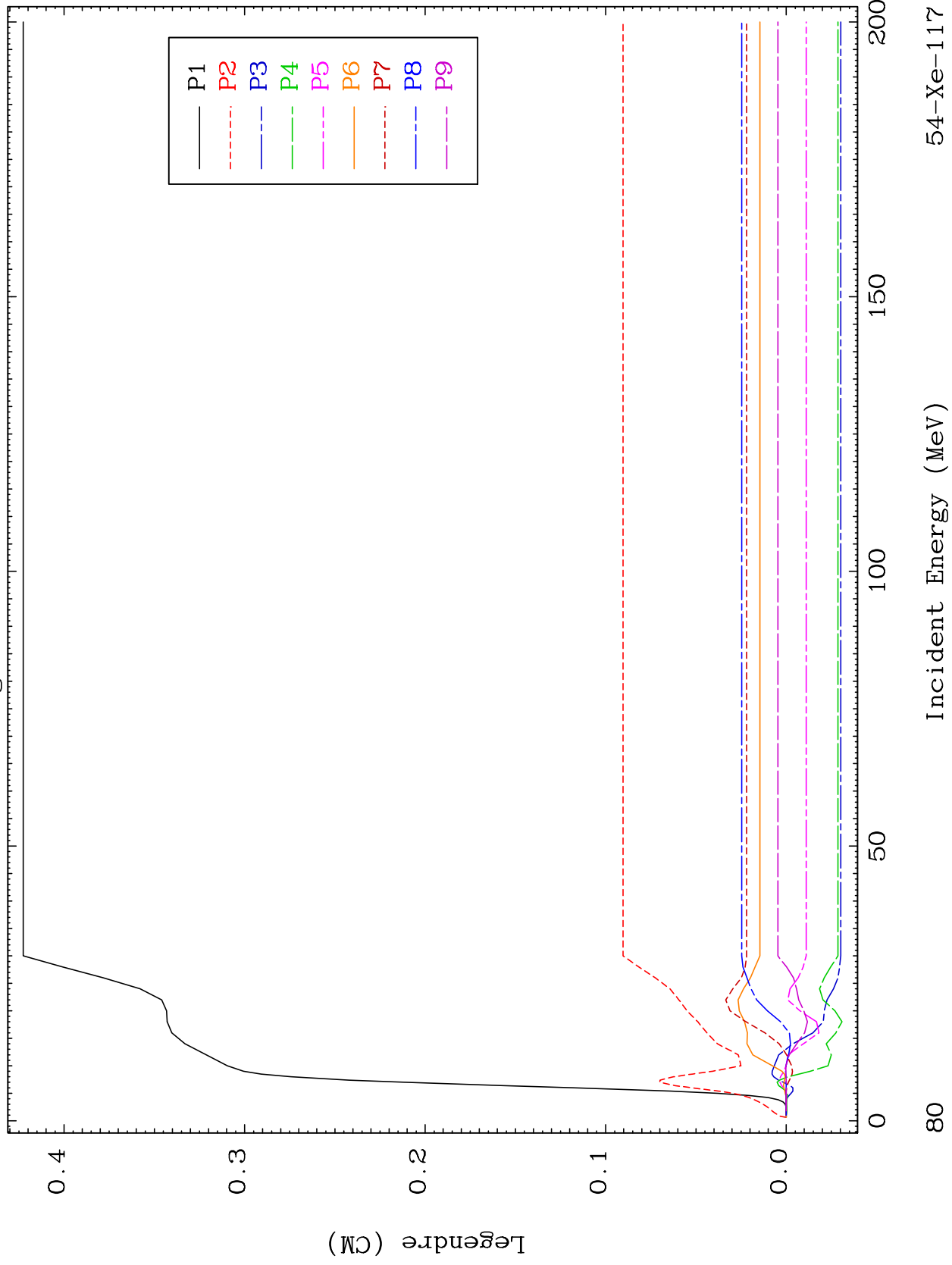
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

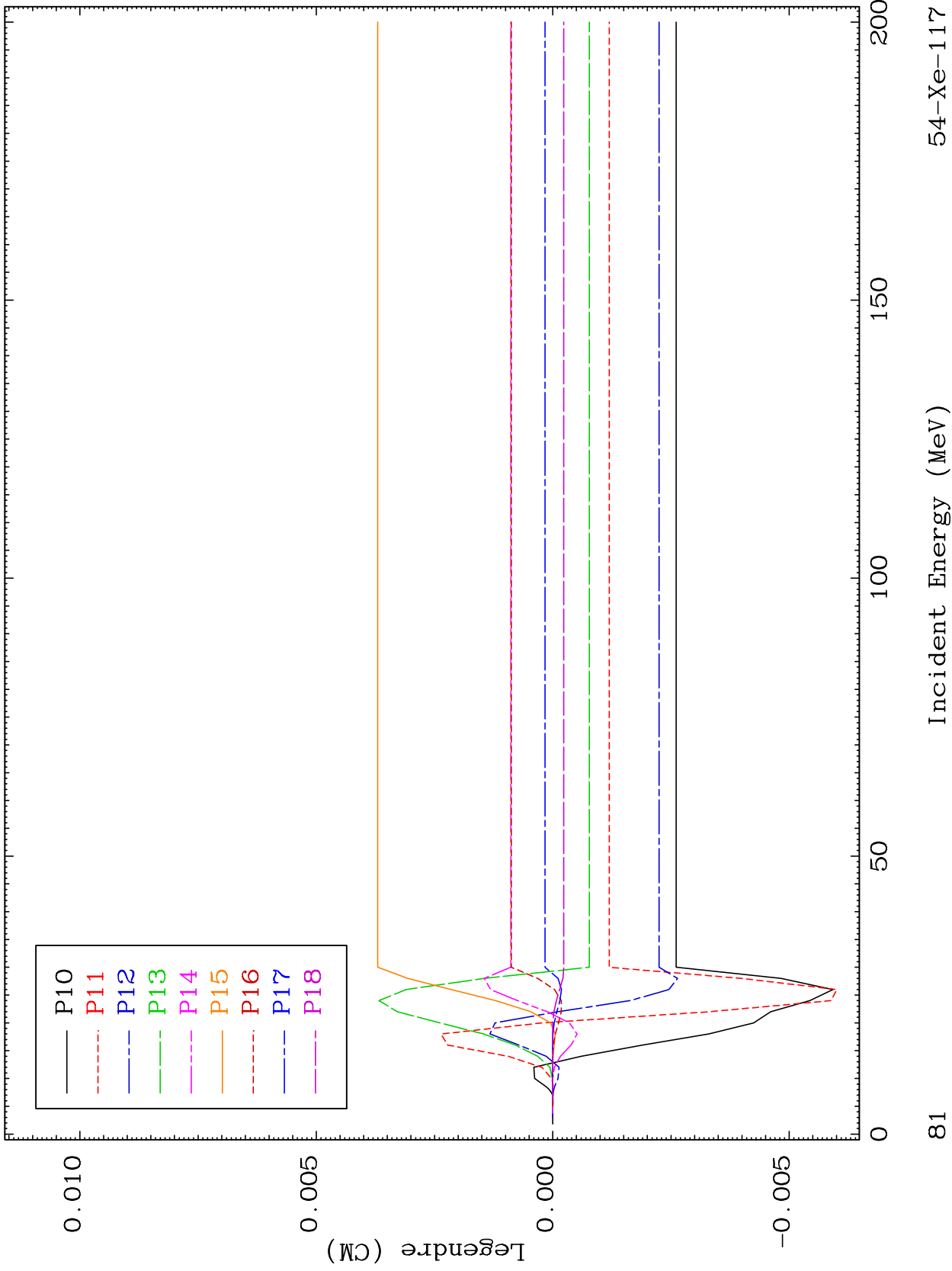
Incident Energy (MeV)

80

MAT 5404

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

54-Xe-117



81

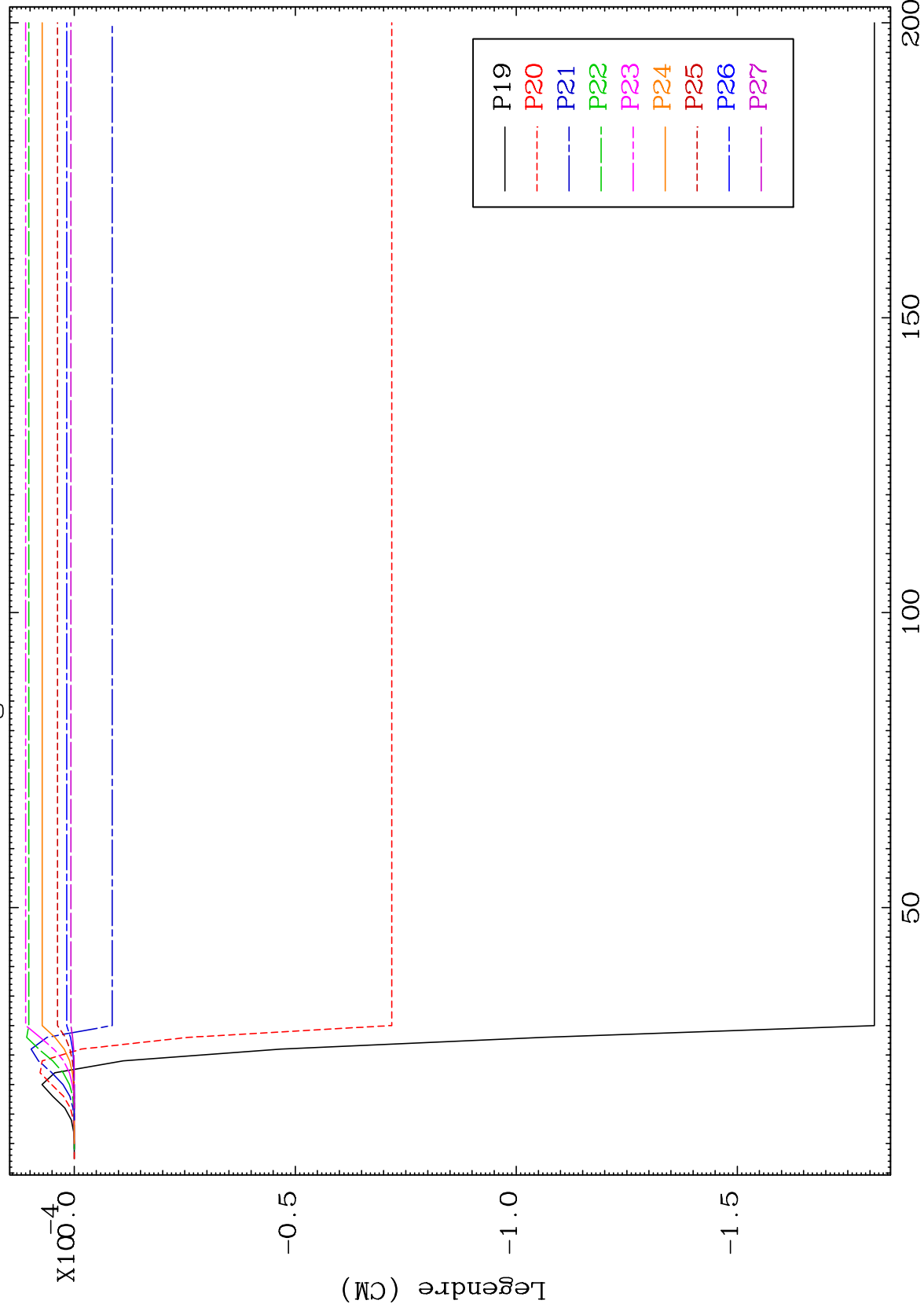
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

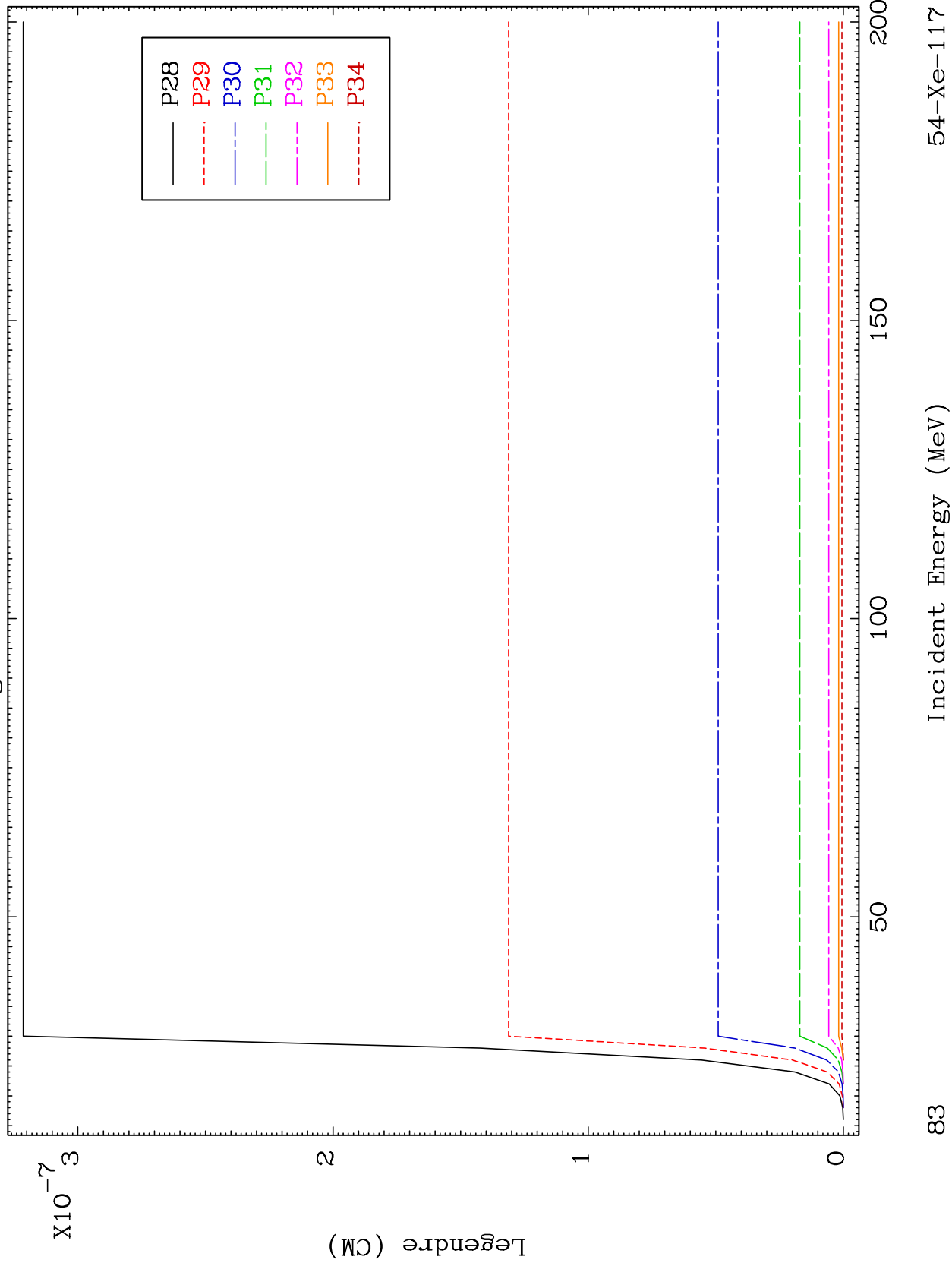
54-Xe-117



MAT 5404

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

54-Xe-117

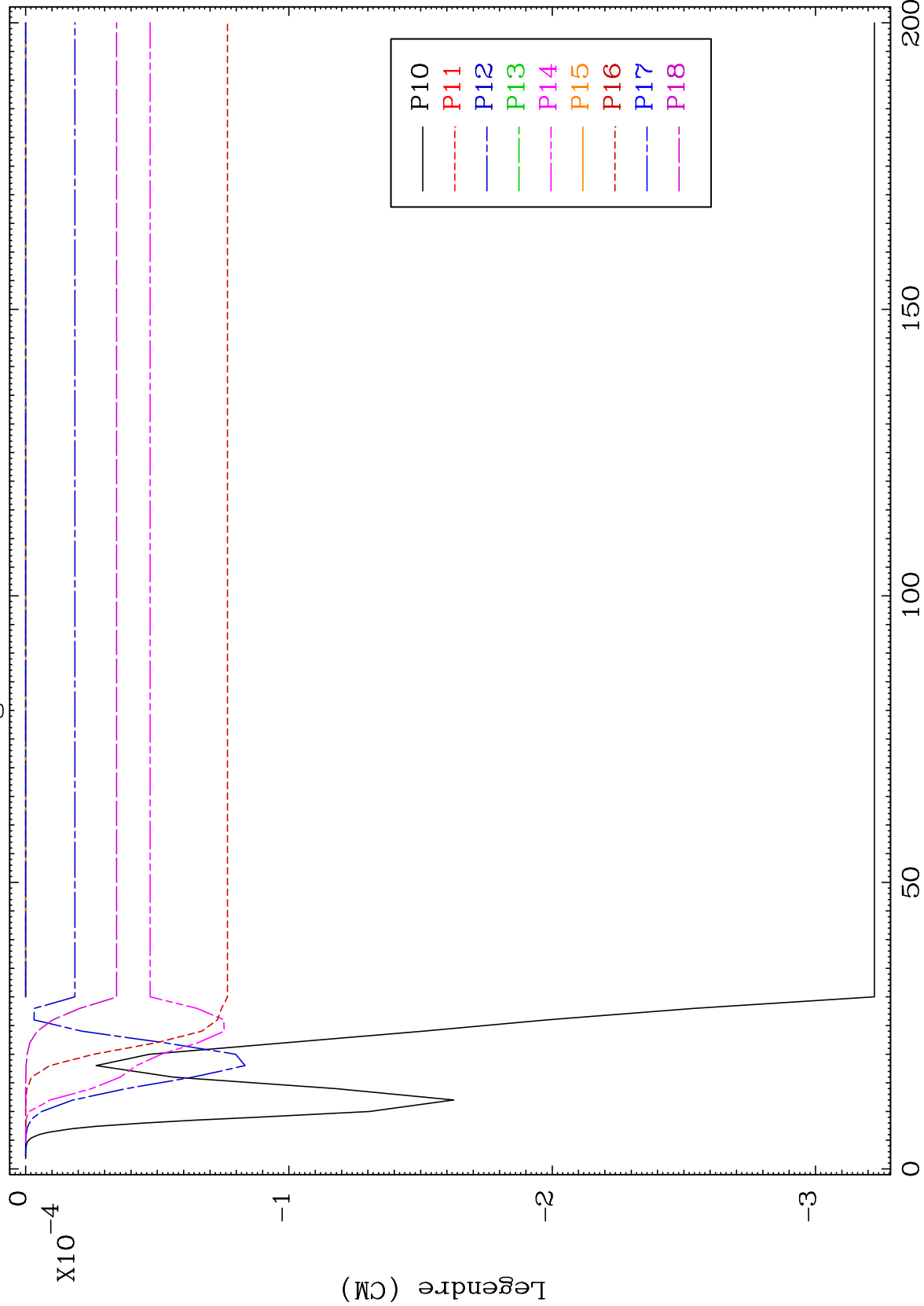


MAT 5404

MT= 67 (n,n') Level

54-Xe-117

Legendre Coefficients



85

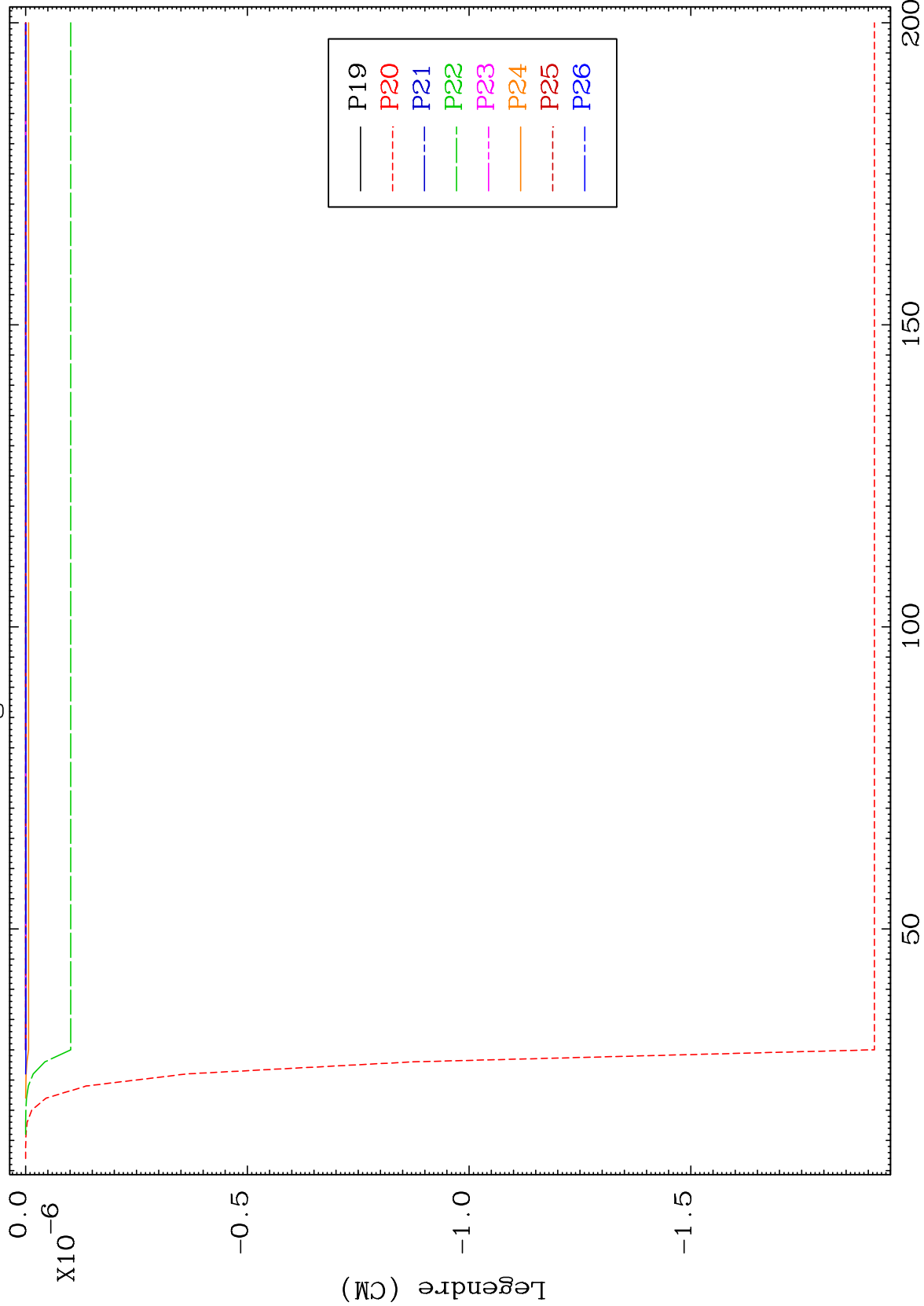
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

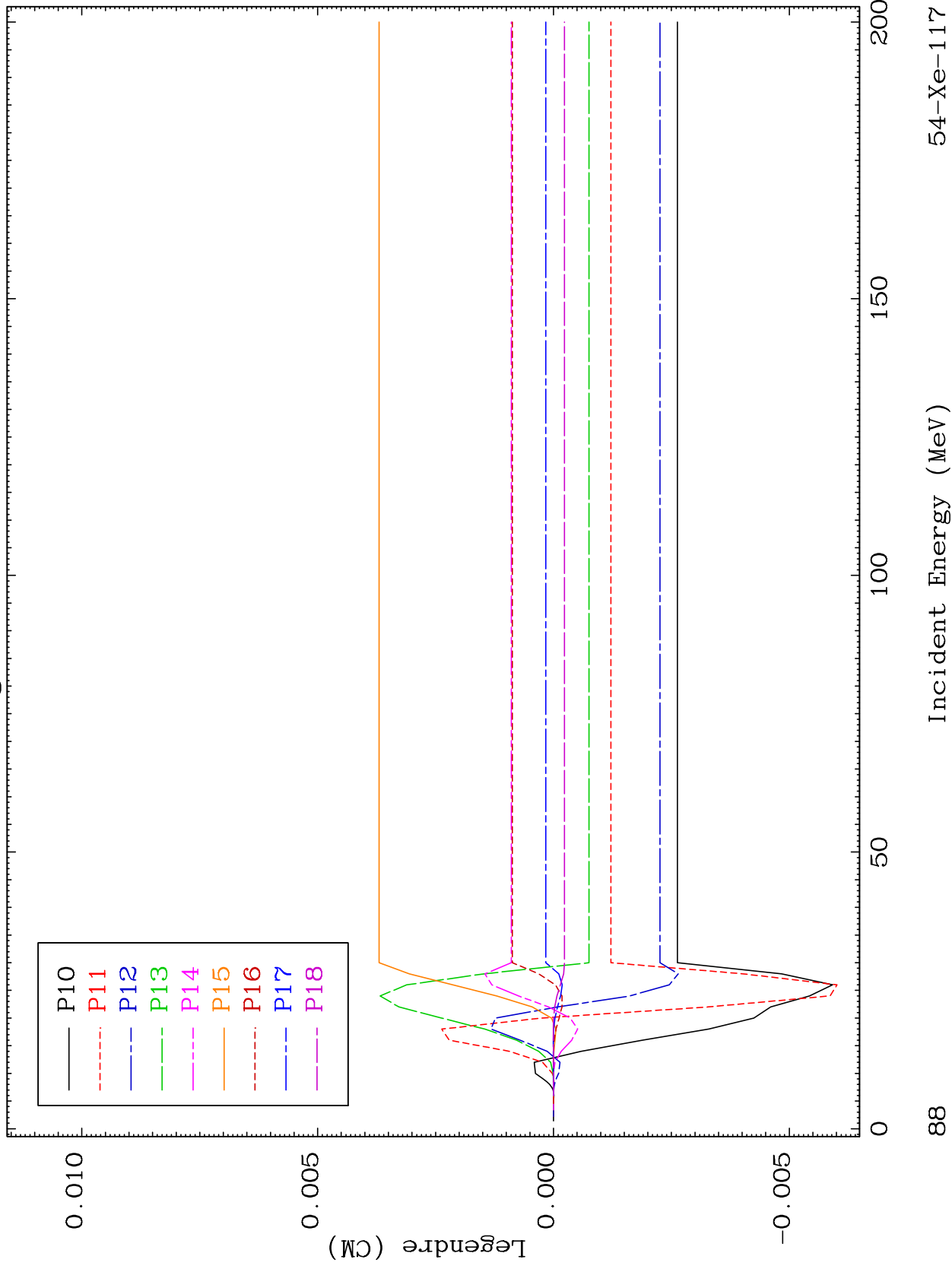
Incident Energy (MeV)

86

MAT 5404

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

54-Xe-117



54-Xe-117

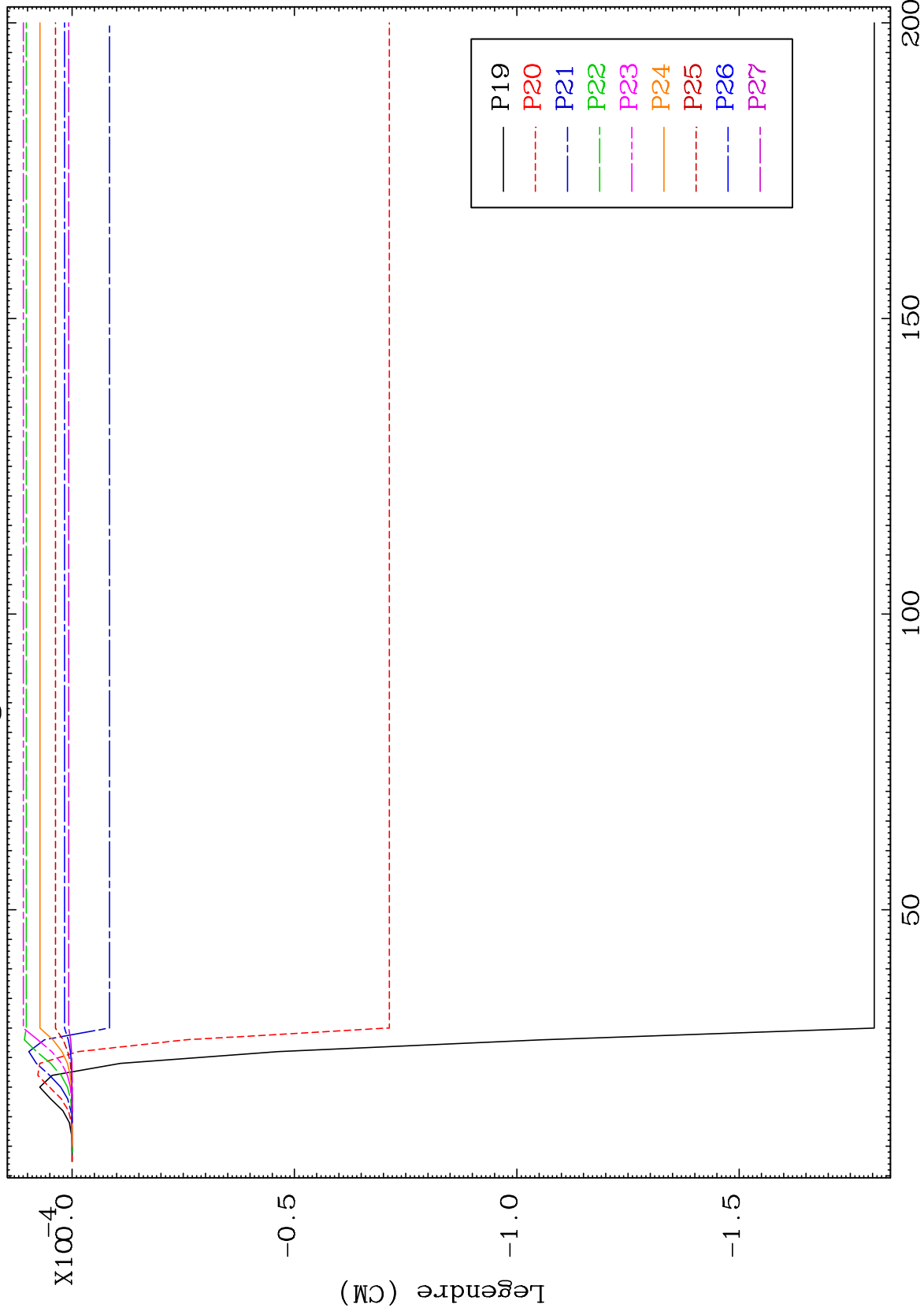
Incident Energy (MeV)

88

MAT 5404

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

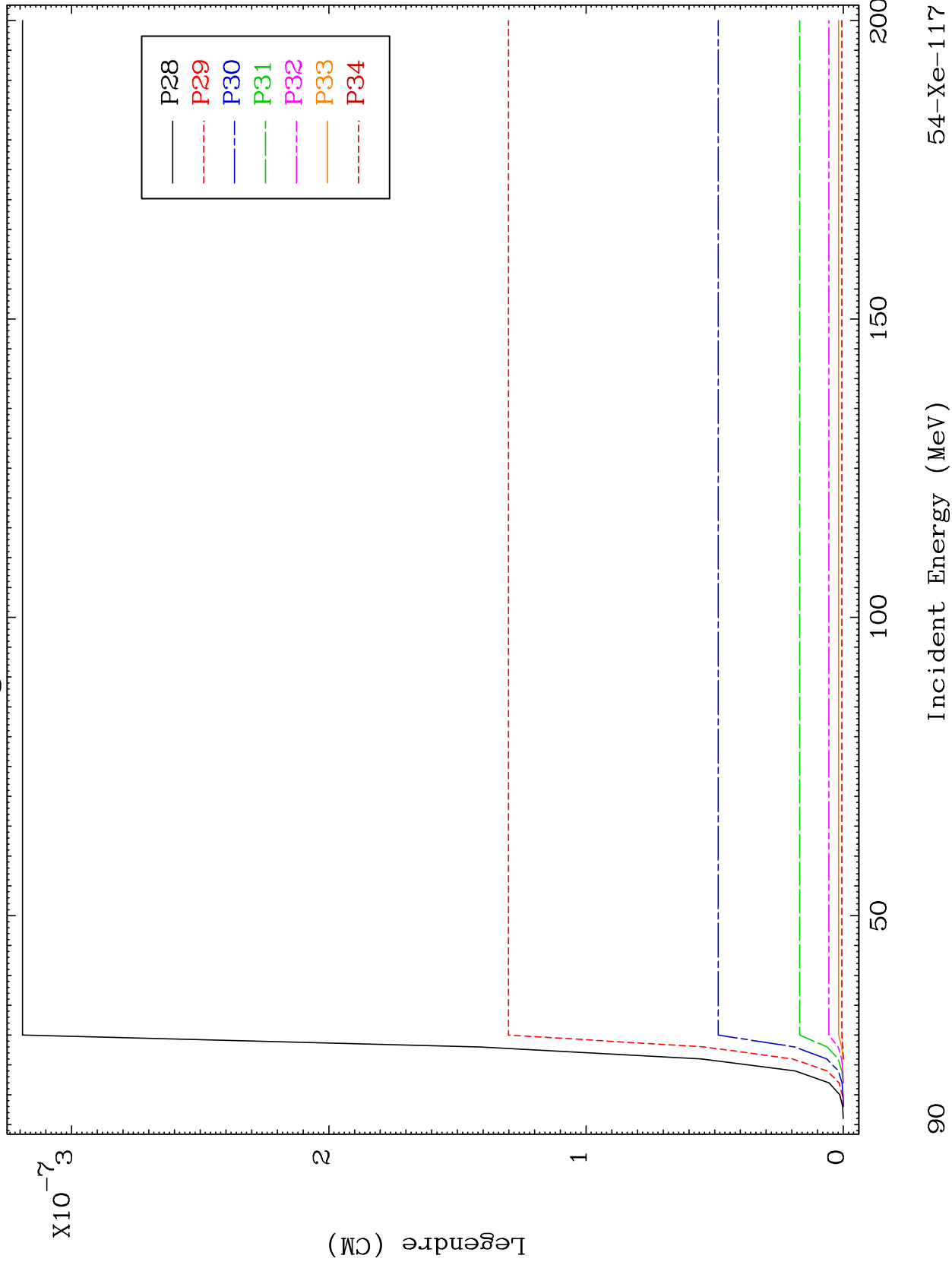
54-Xe-117



MAT 5404

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

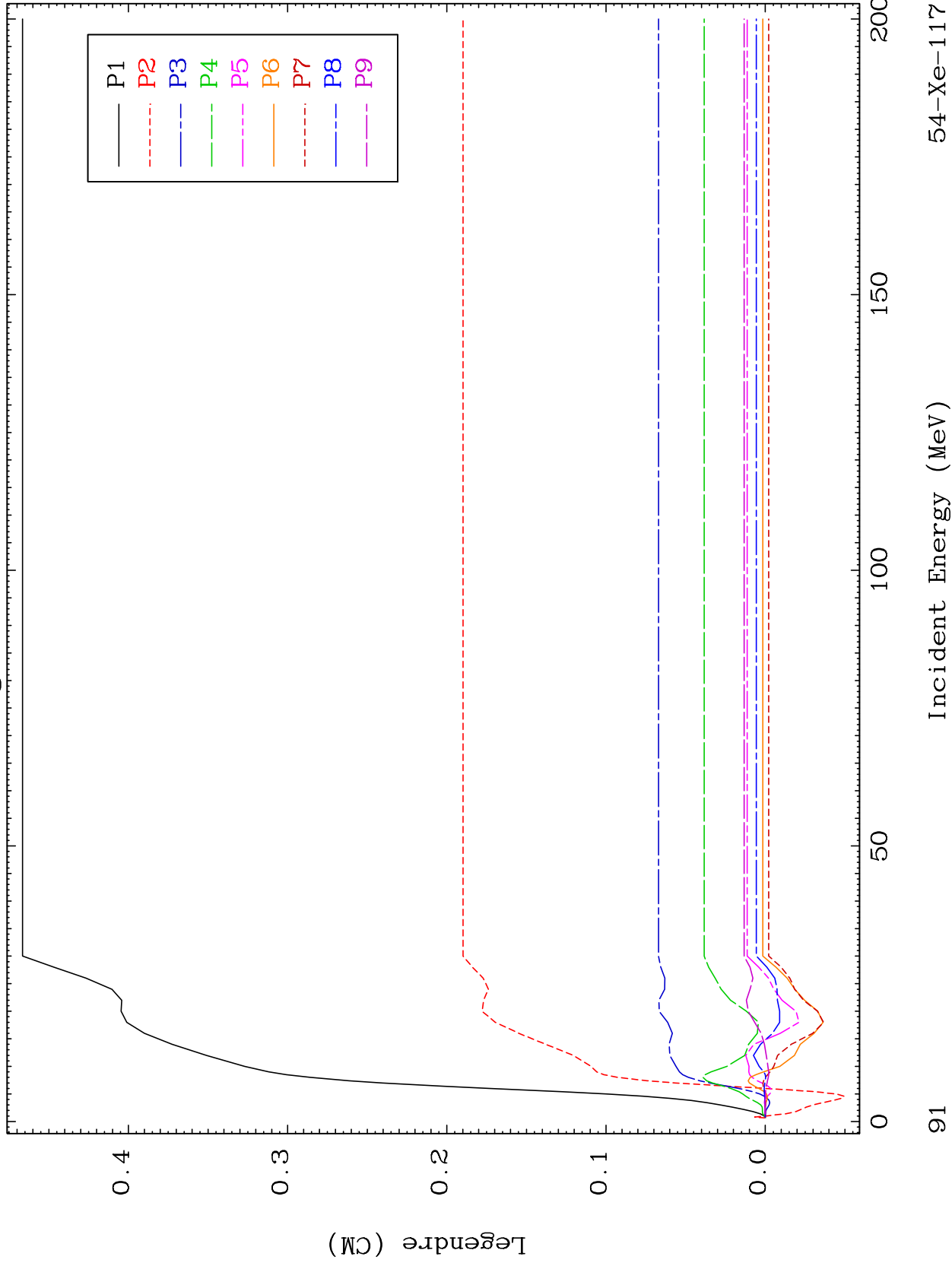
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

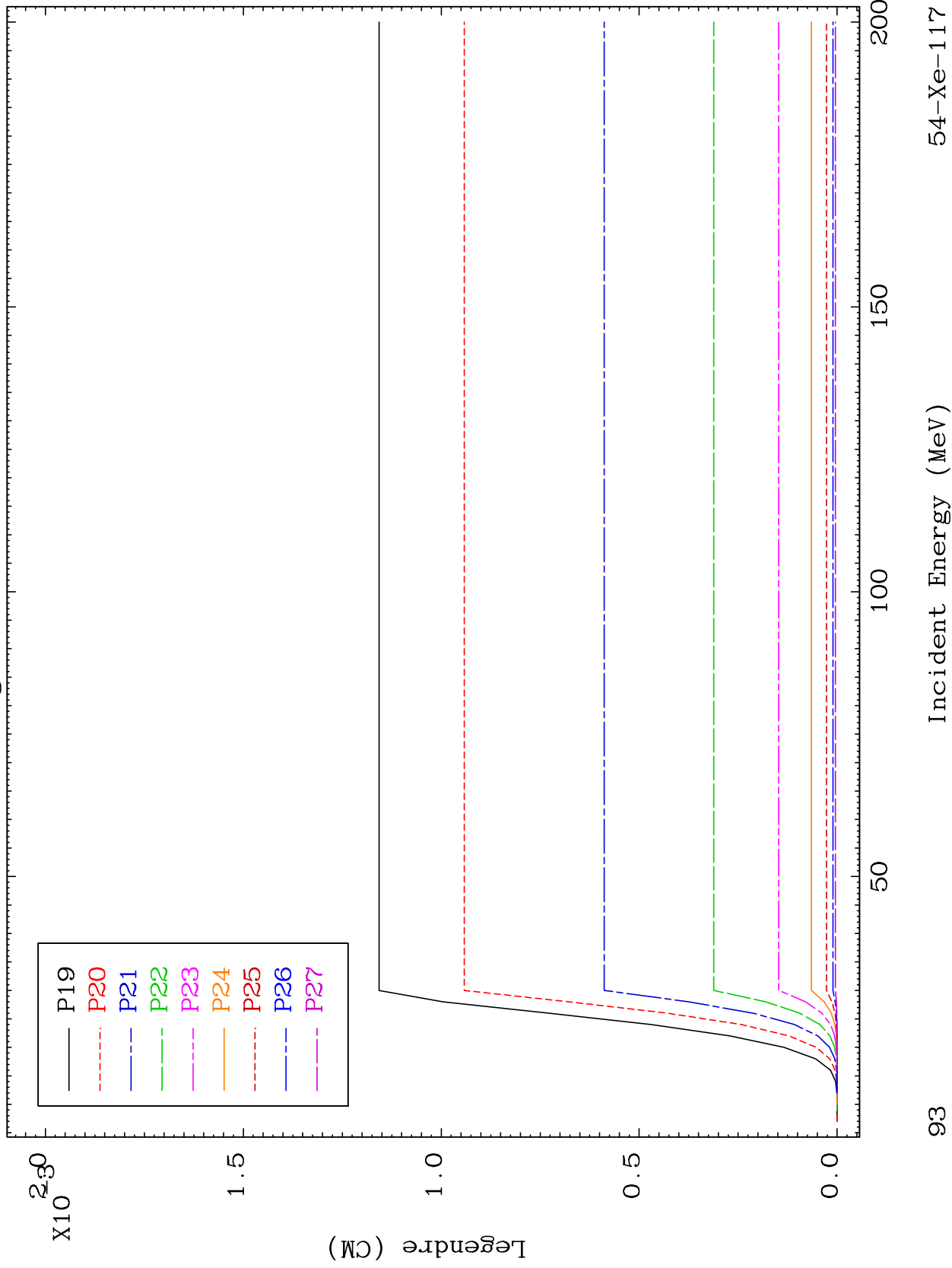
Incident Energy (MeV)

91

MAT 5404

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

54-Xe-117



93

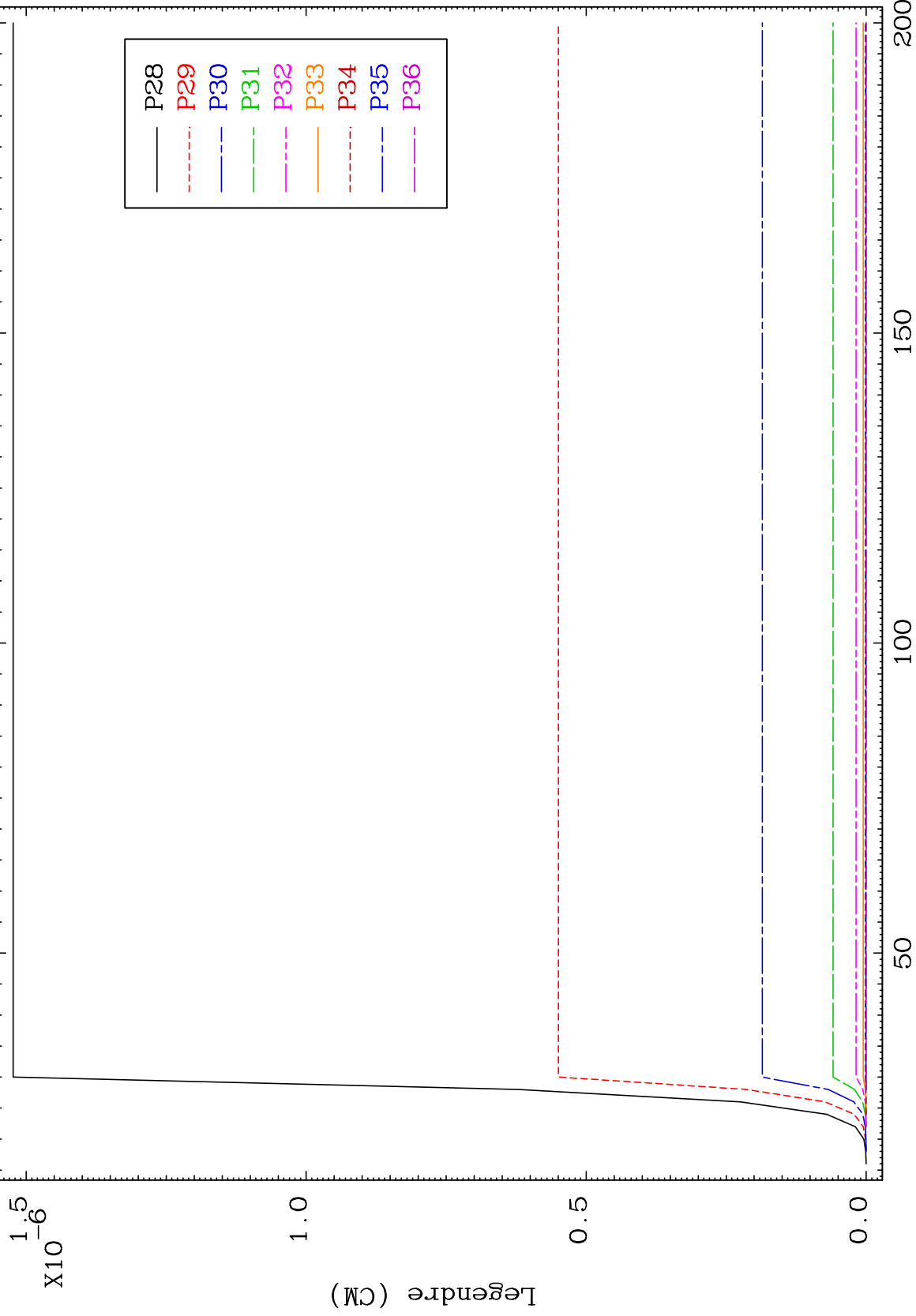
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



94

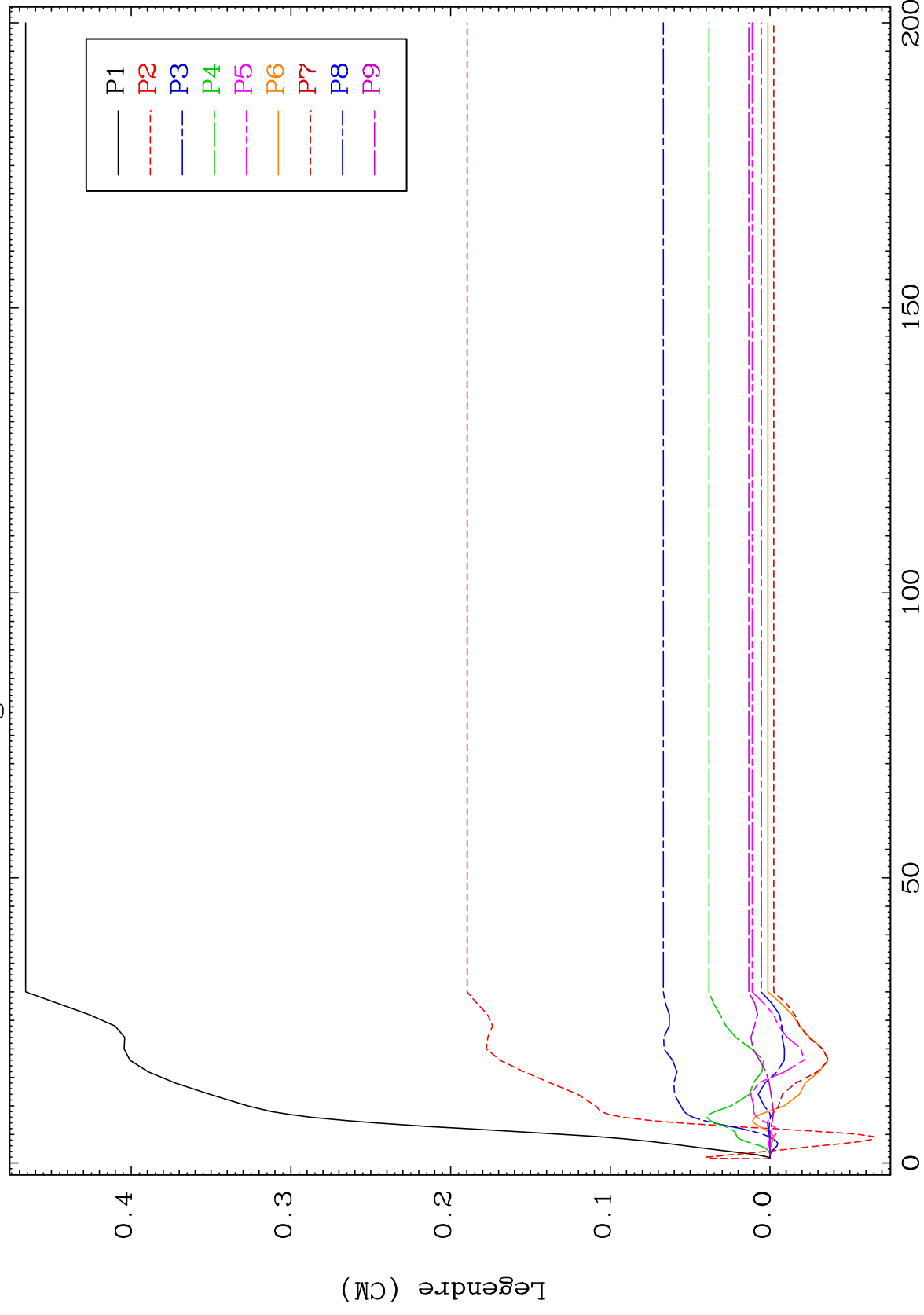
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



95

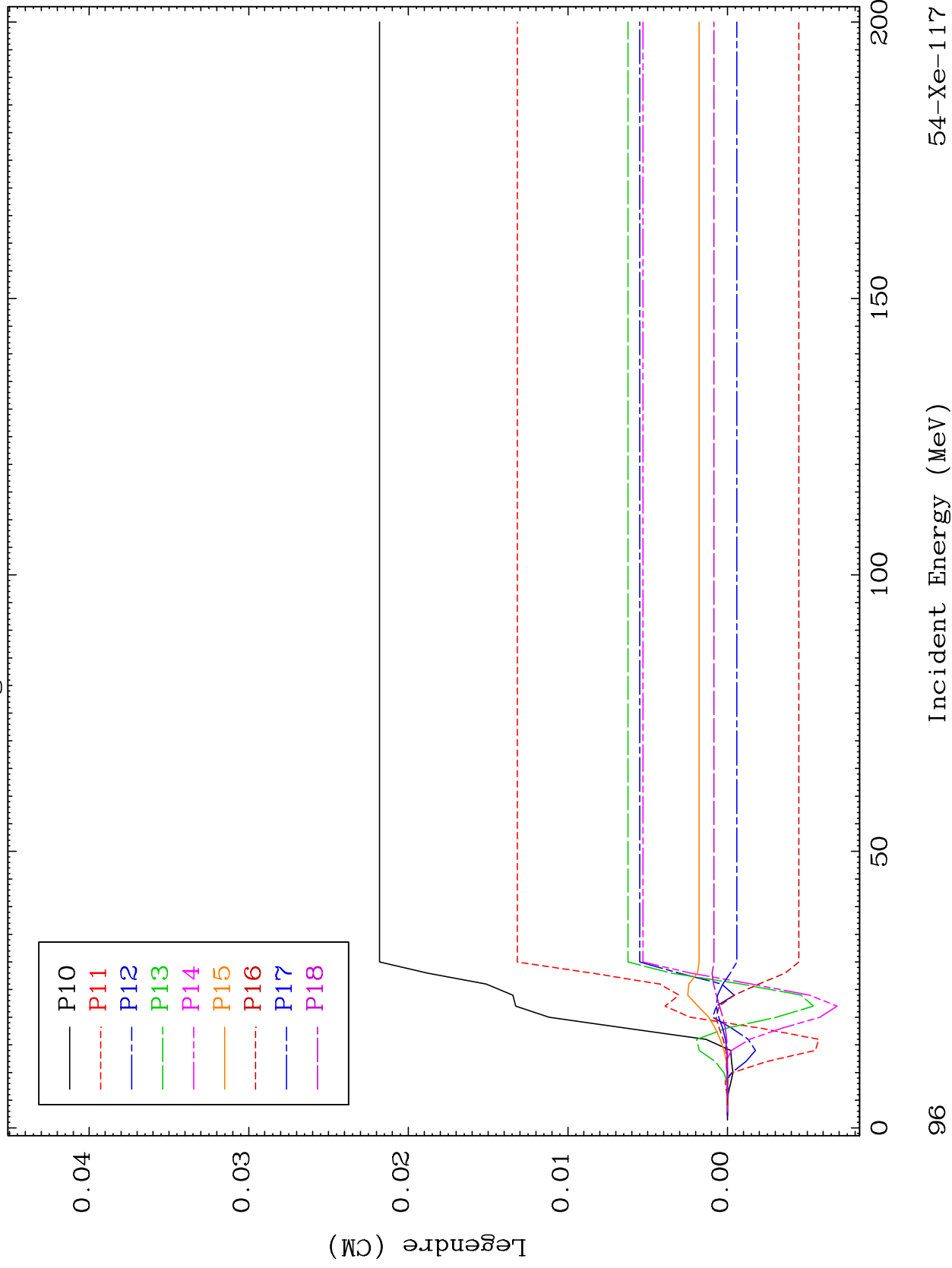
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



96

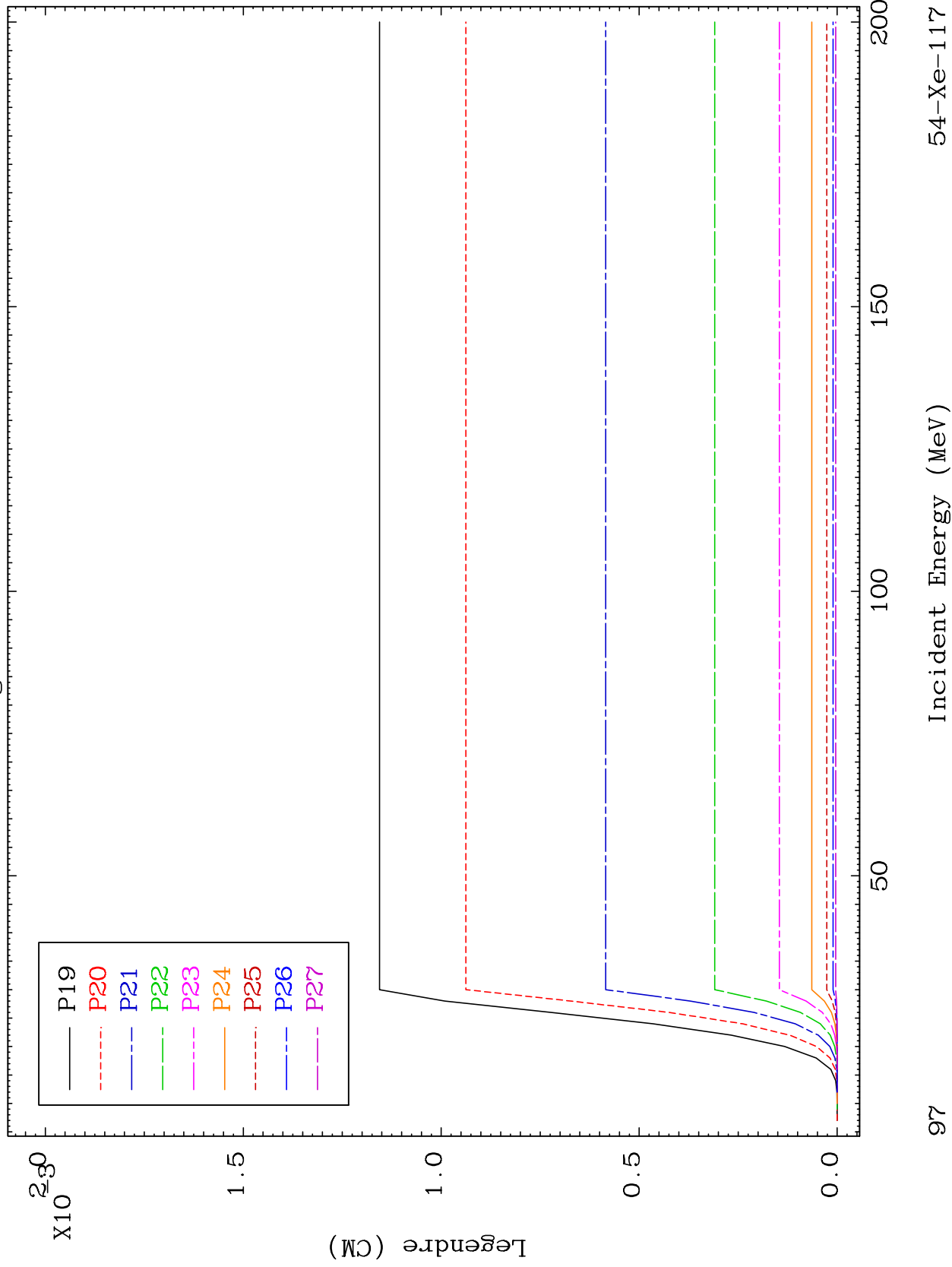
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

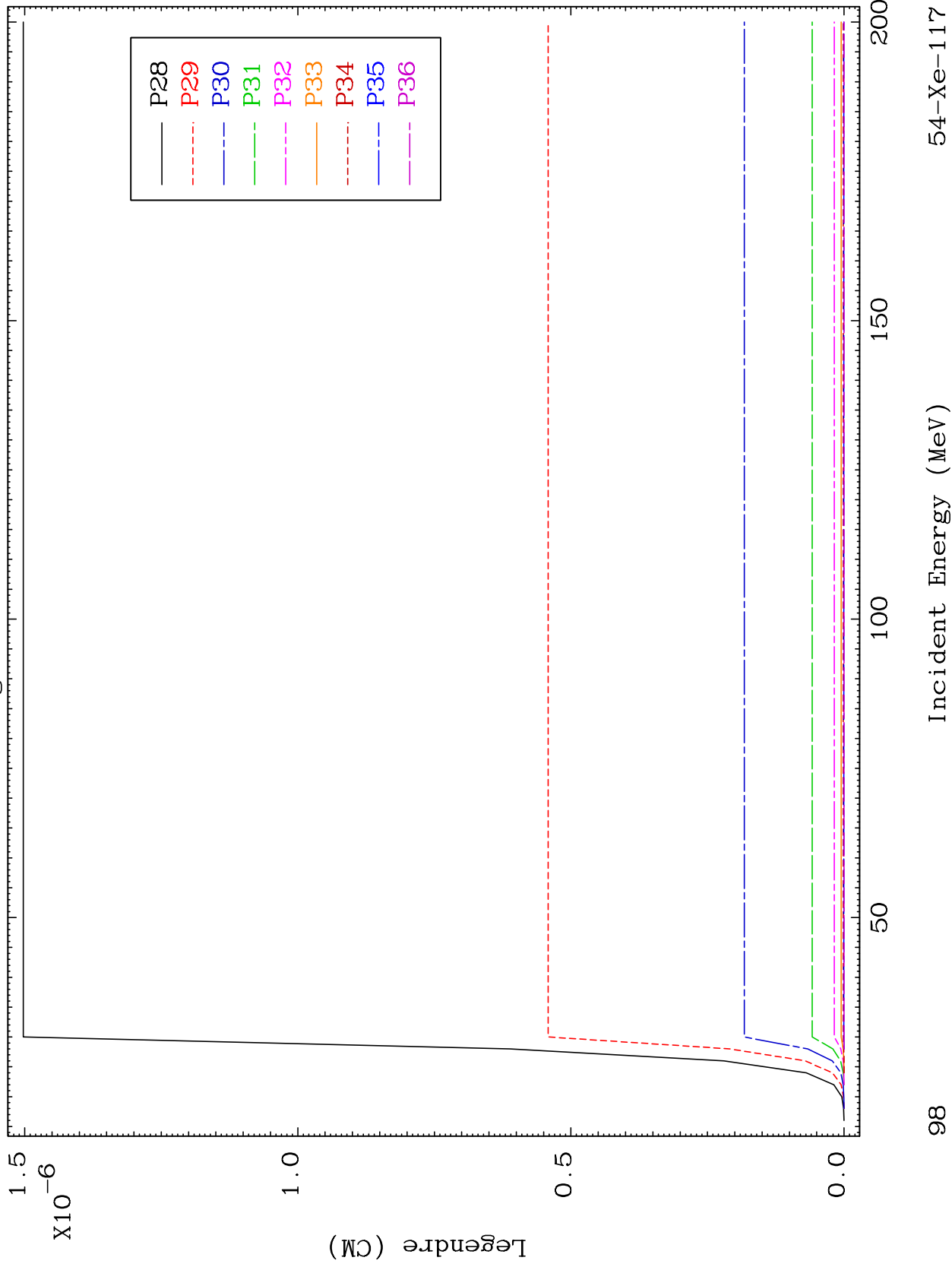
54-Xe-117



MAT 5404

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

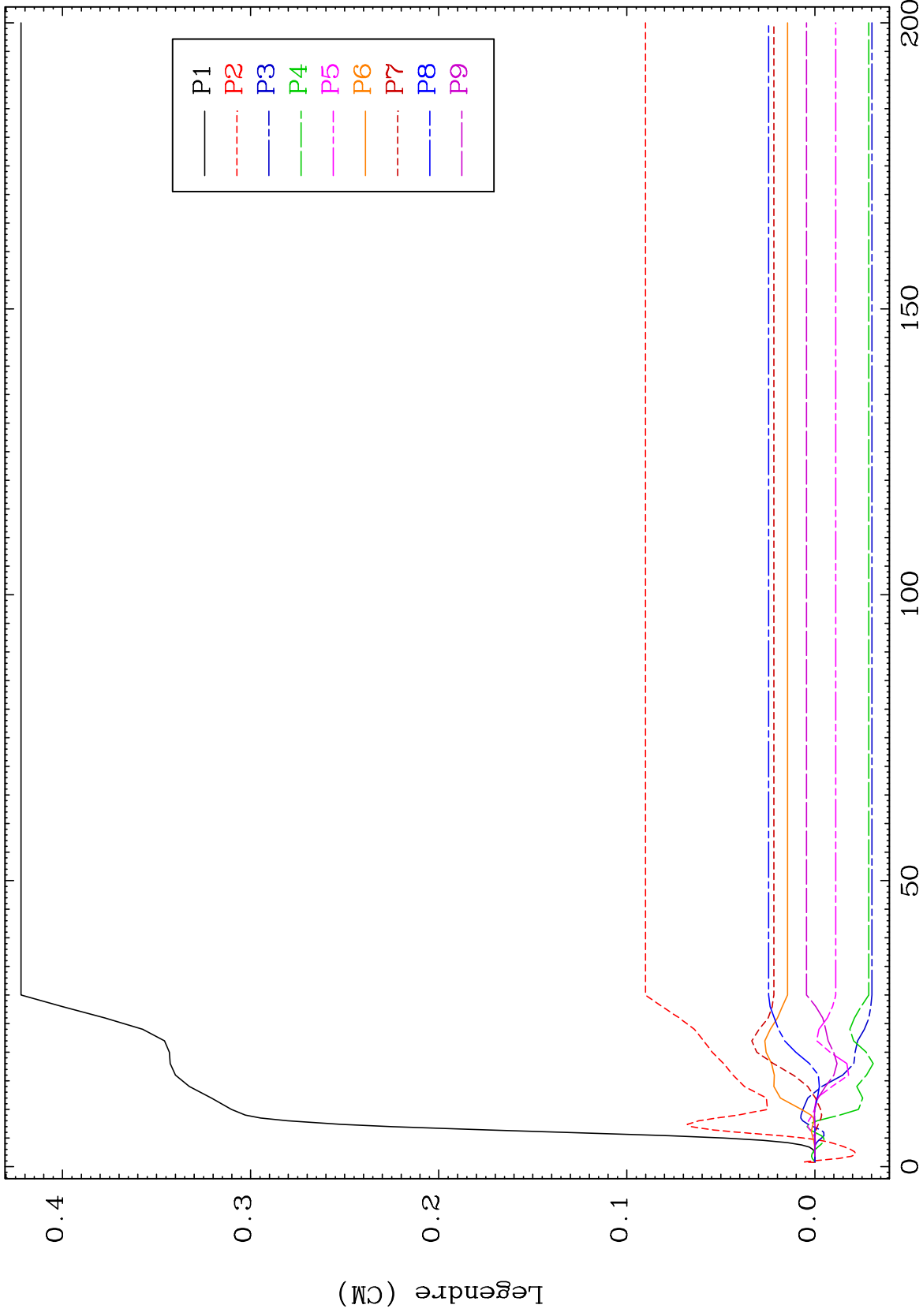
54-Xe-117



MAT 5404

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

54-Xe-117



99

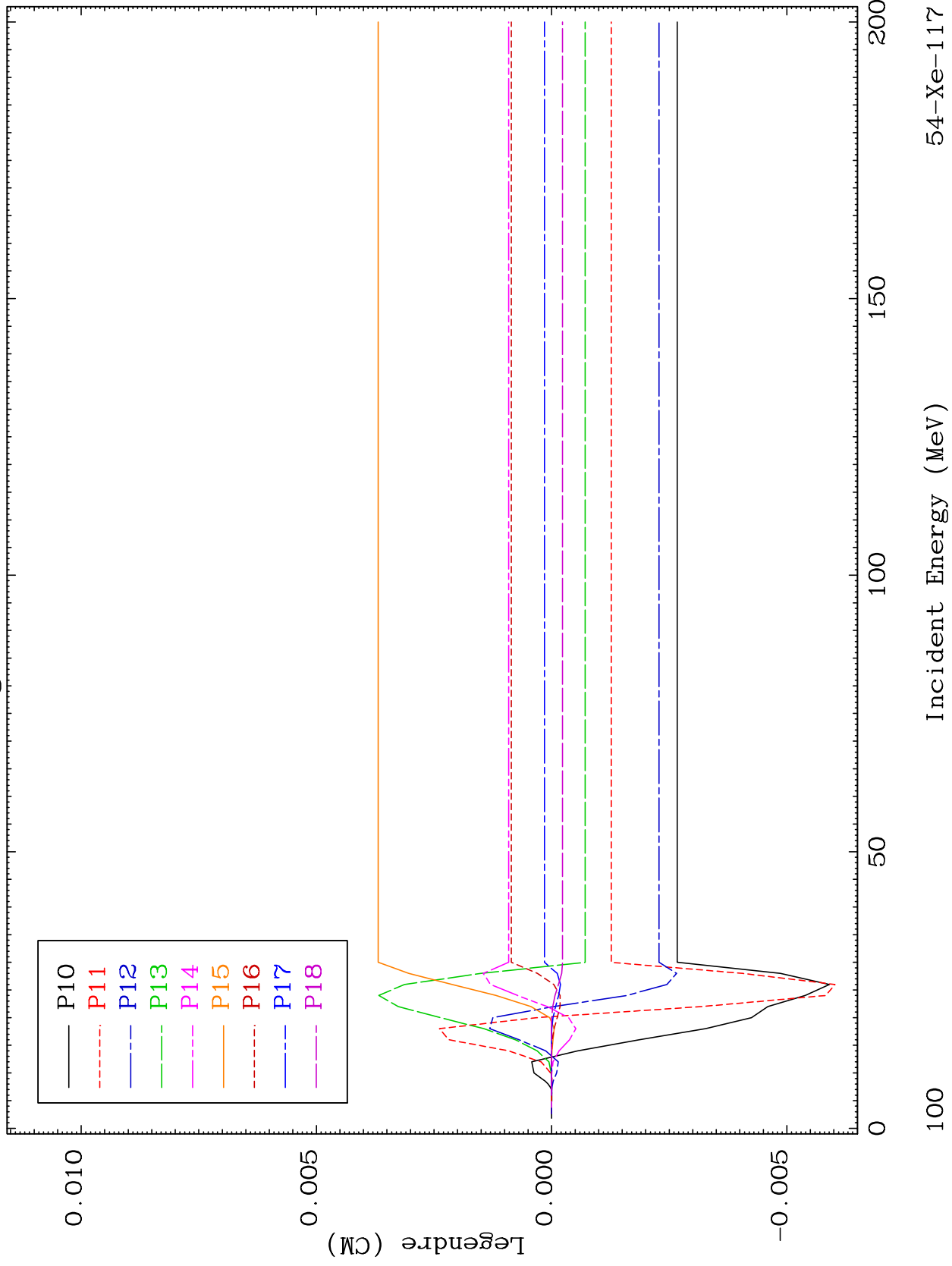
Incident Energy (MeV)

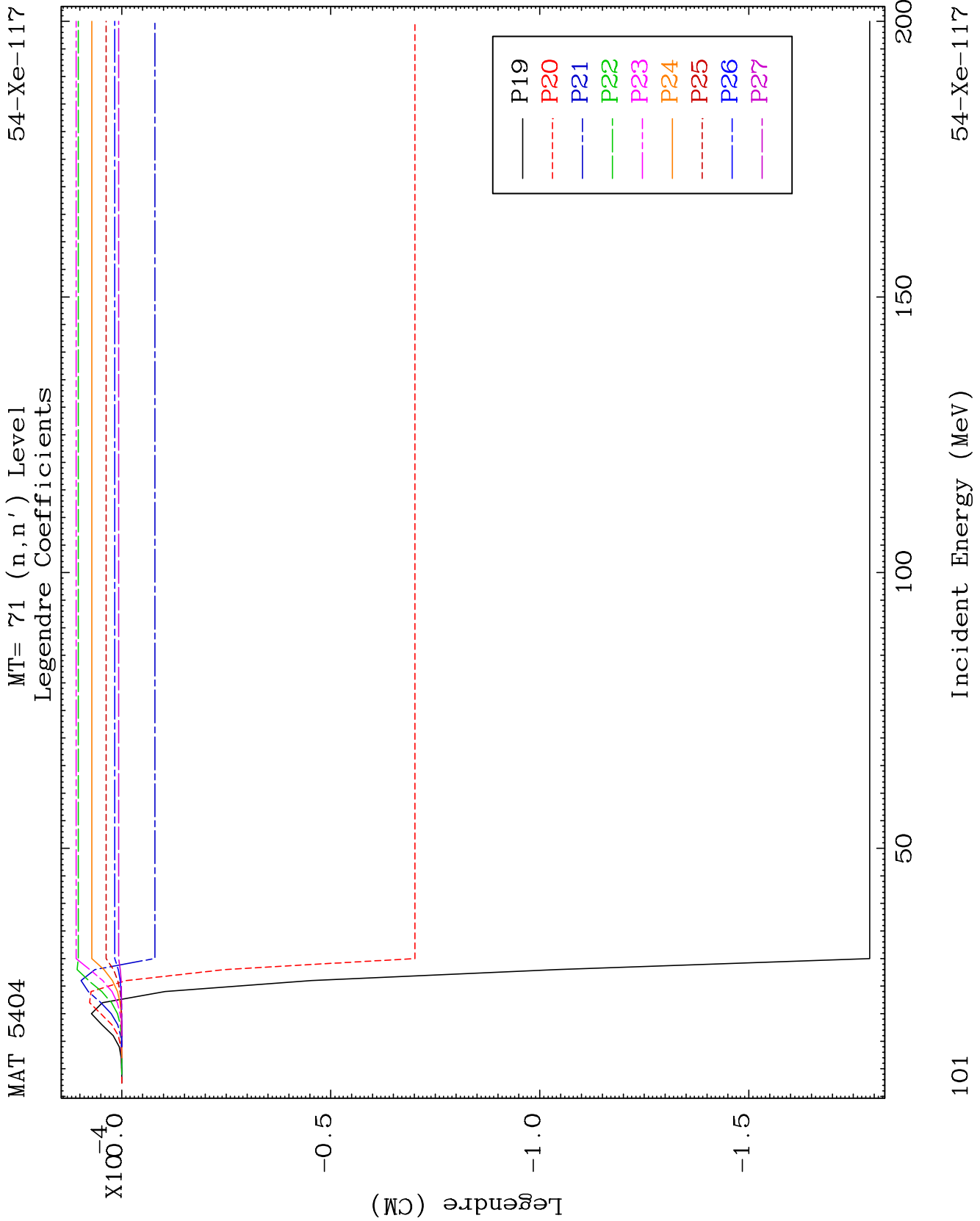
54-Xe-117

MAT 5404

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

54-Xe-117

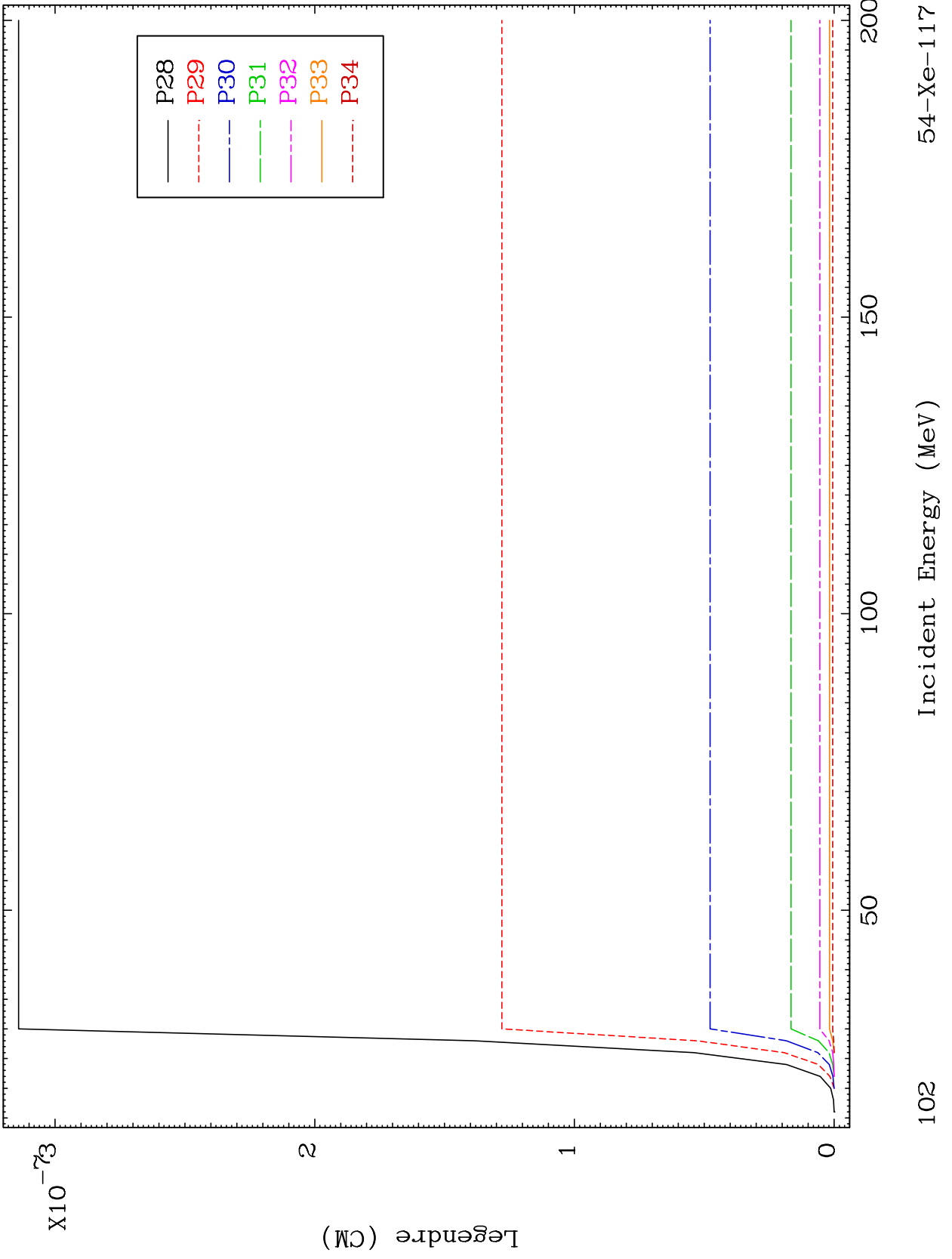




MAT 5404

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

54-Xe-117



102

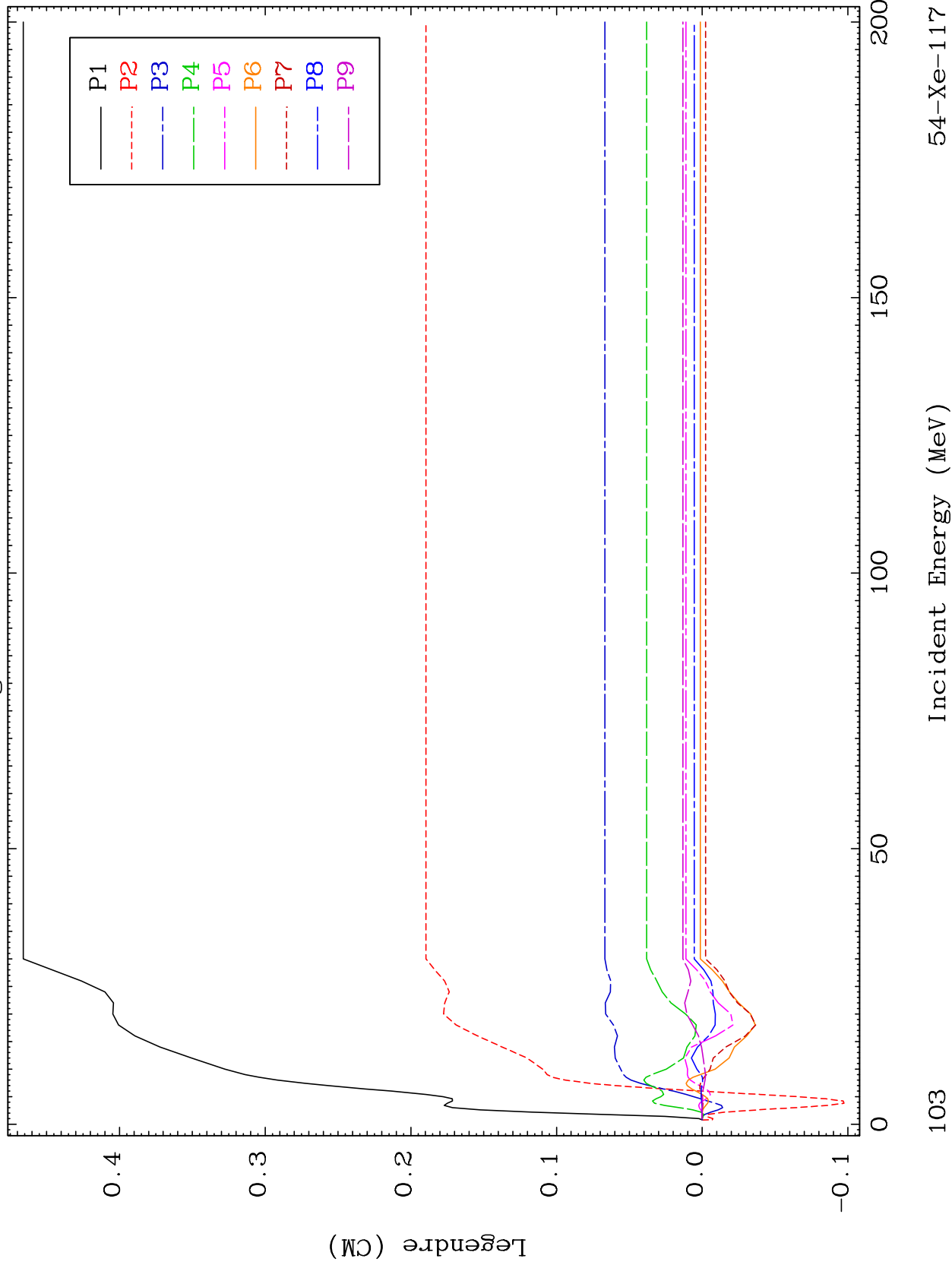
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

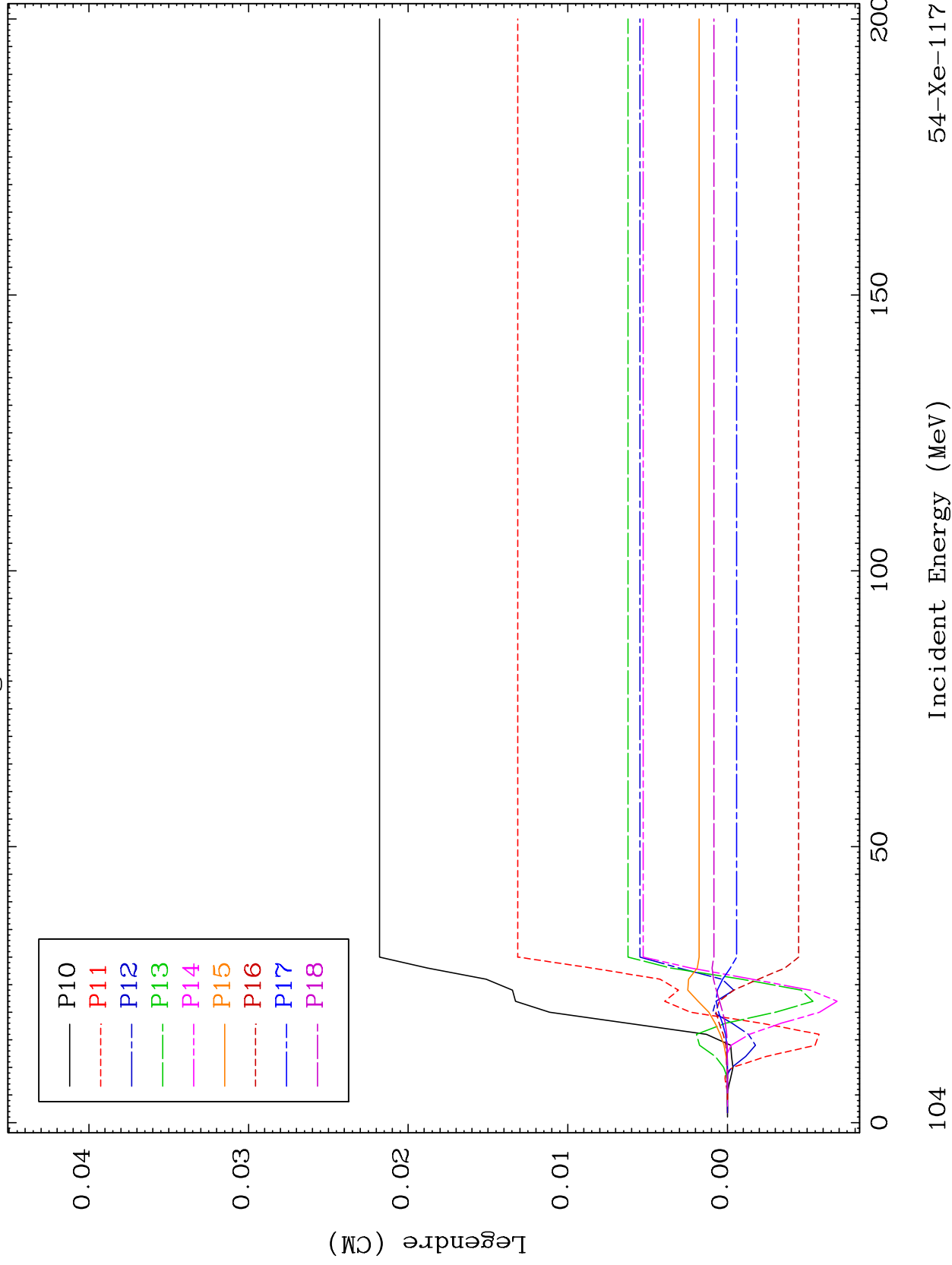
Incident Energy (MeV)

103

MAT 5404

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

54-Xe-117

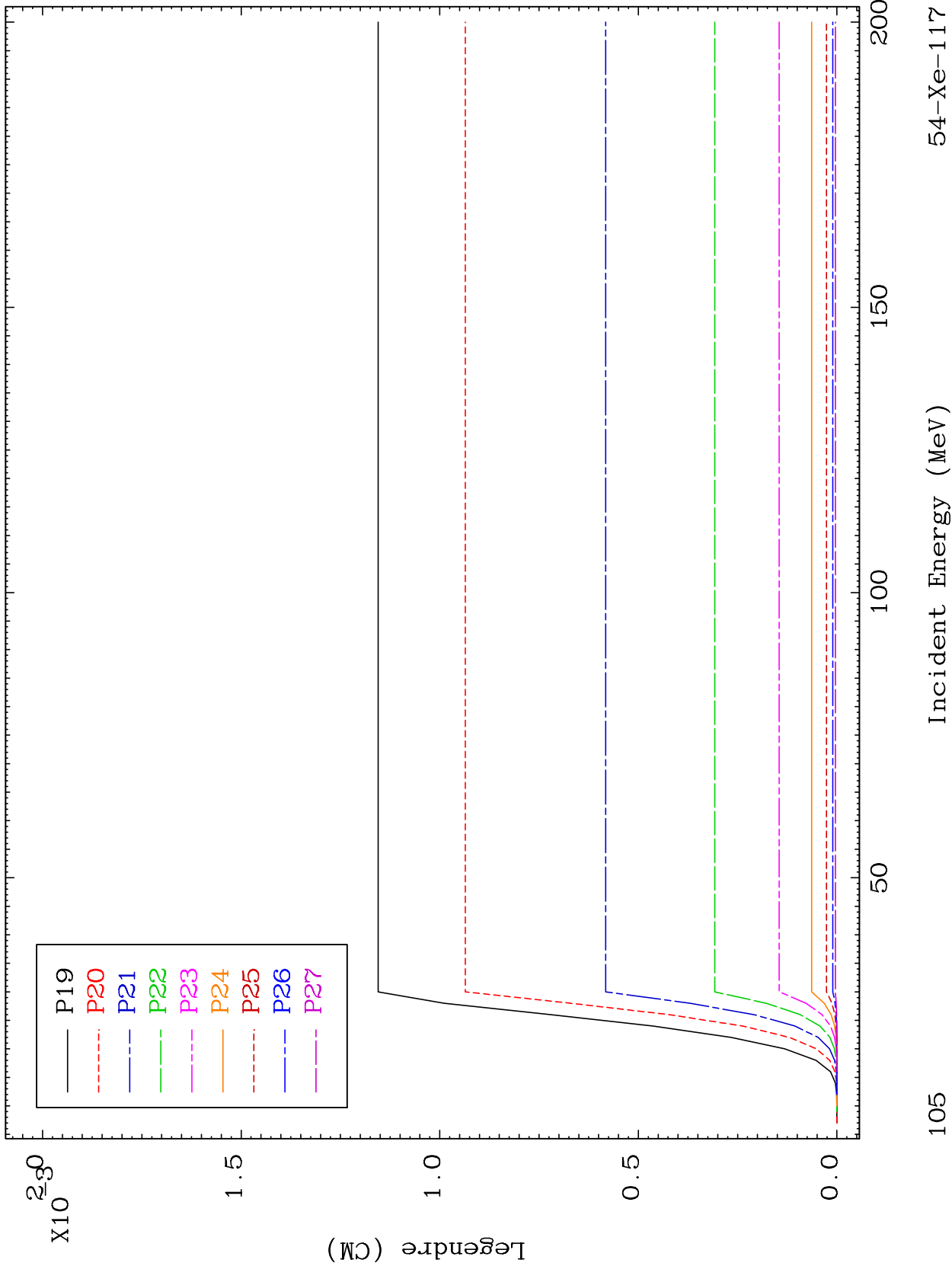


104

MAT 5404

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

54-Xe-117



105

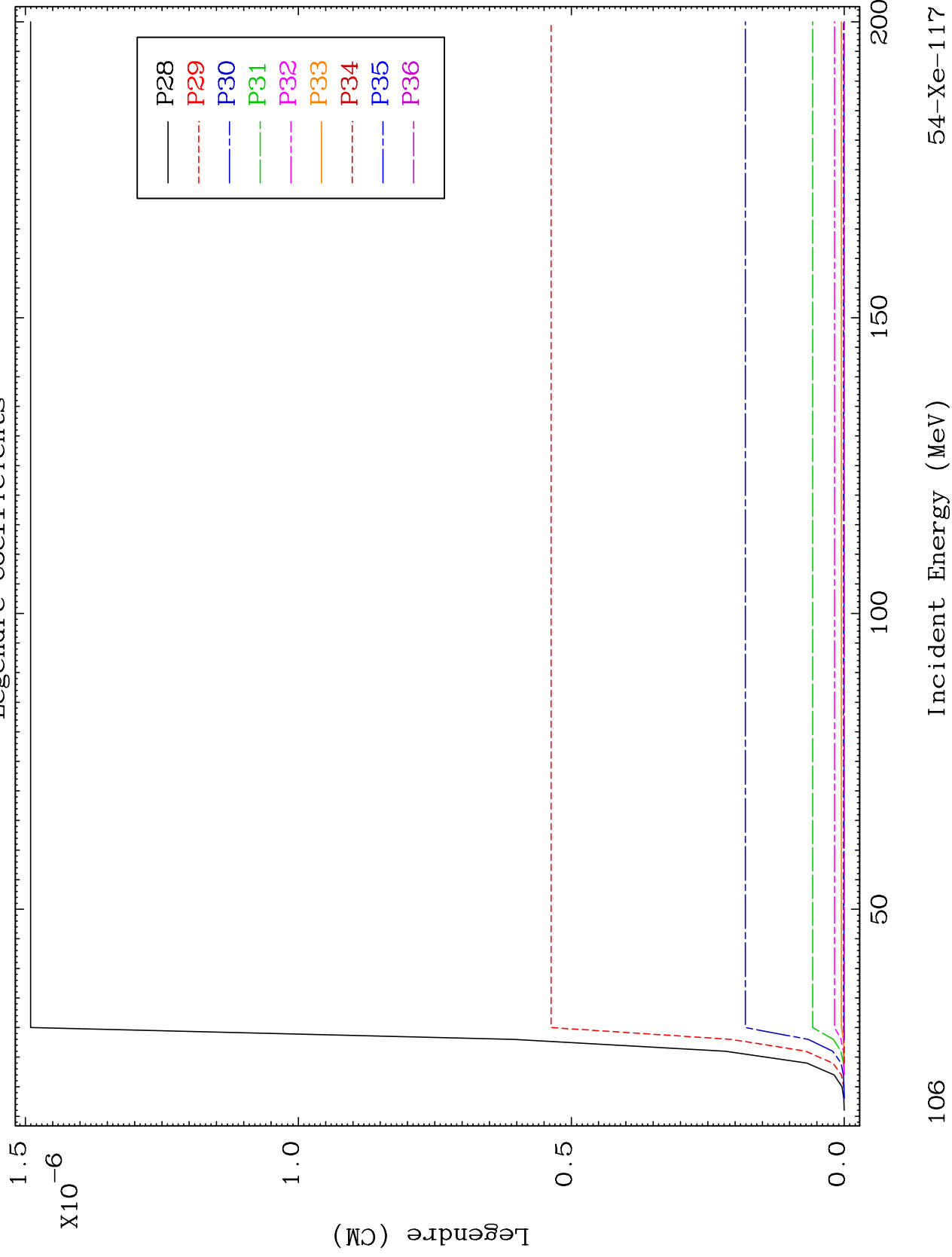
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



106

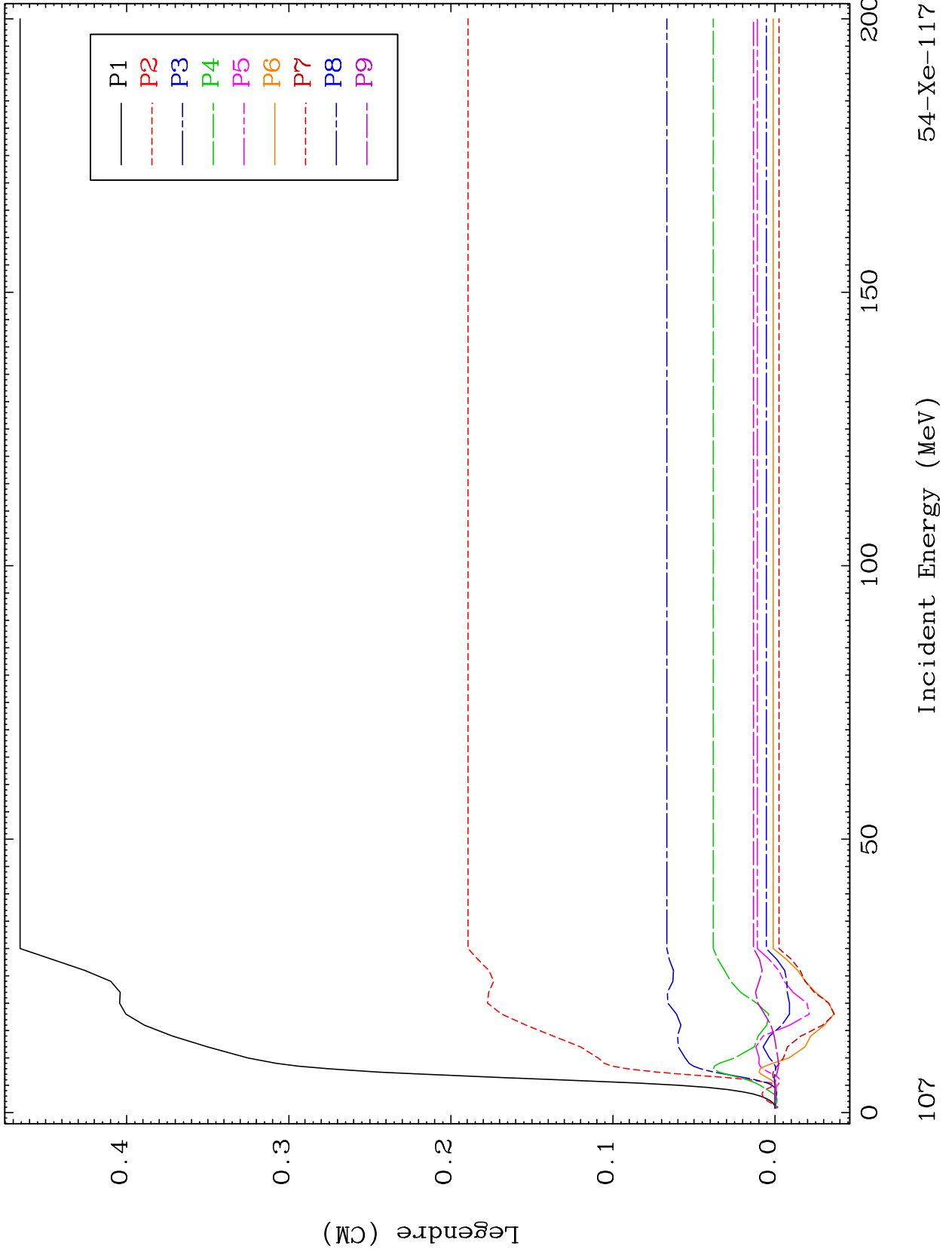
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

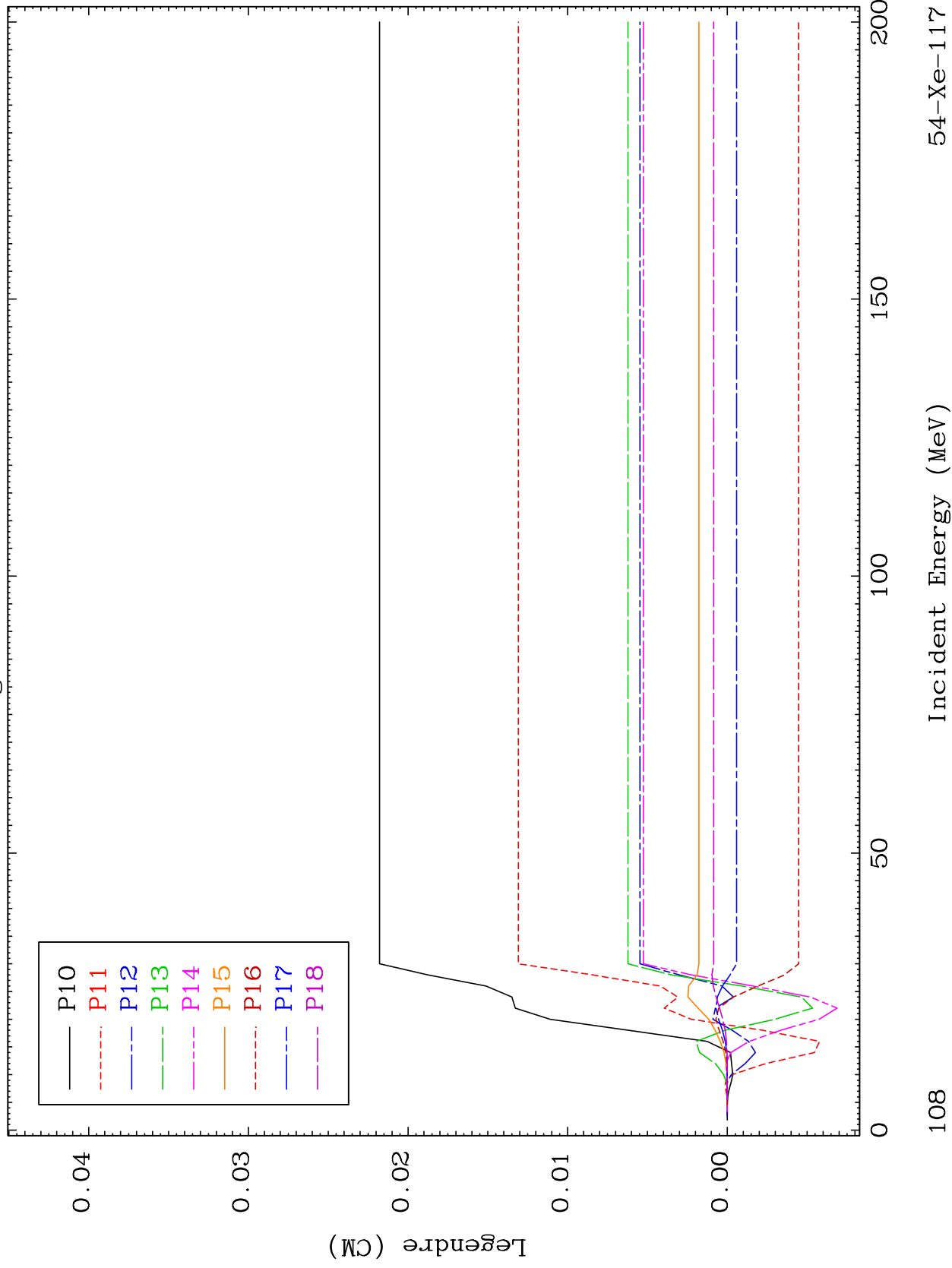
Incident Energy (MeV)

107

MAT 5404

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

54-Xe-117



54-Xe-117

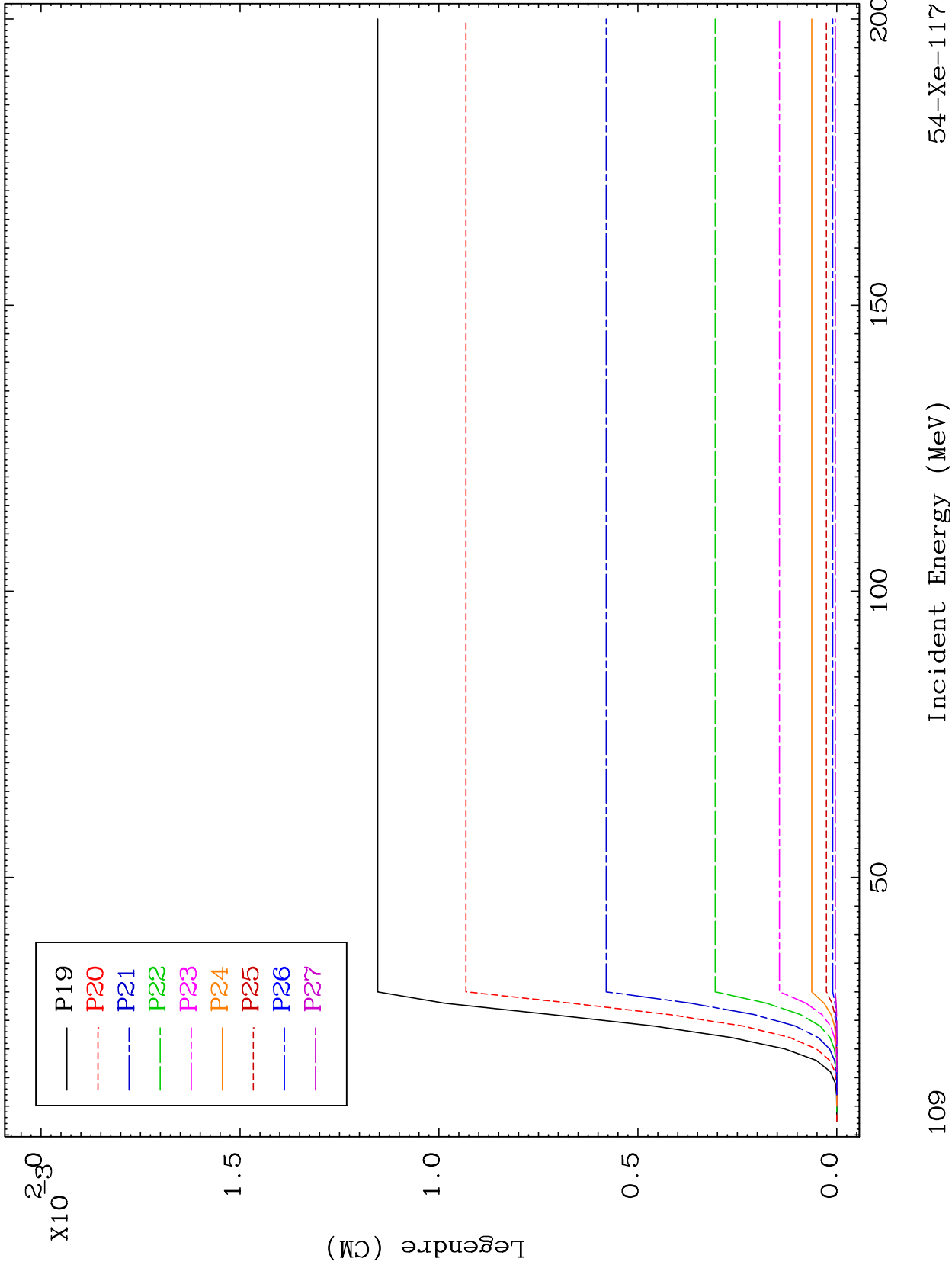
Incident Energy (MeV)

108

MAT 5404

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

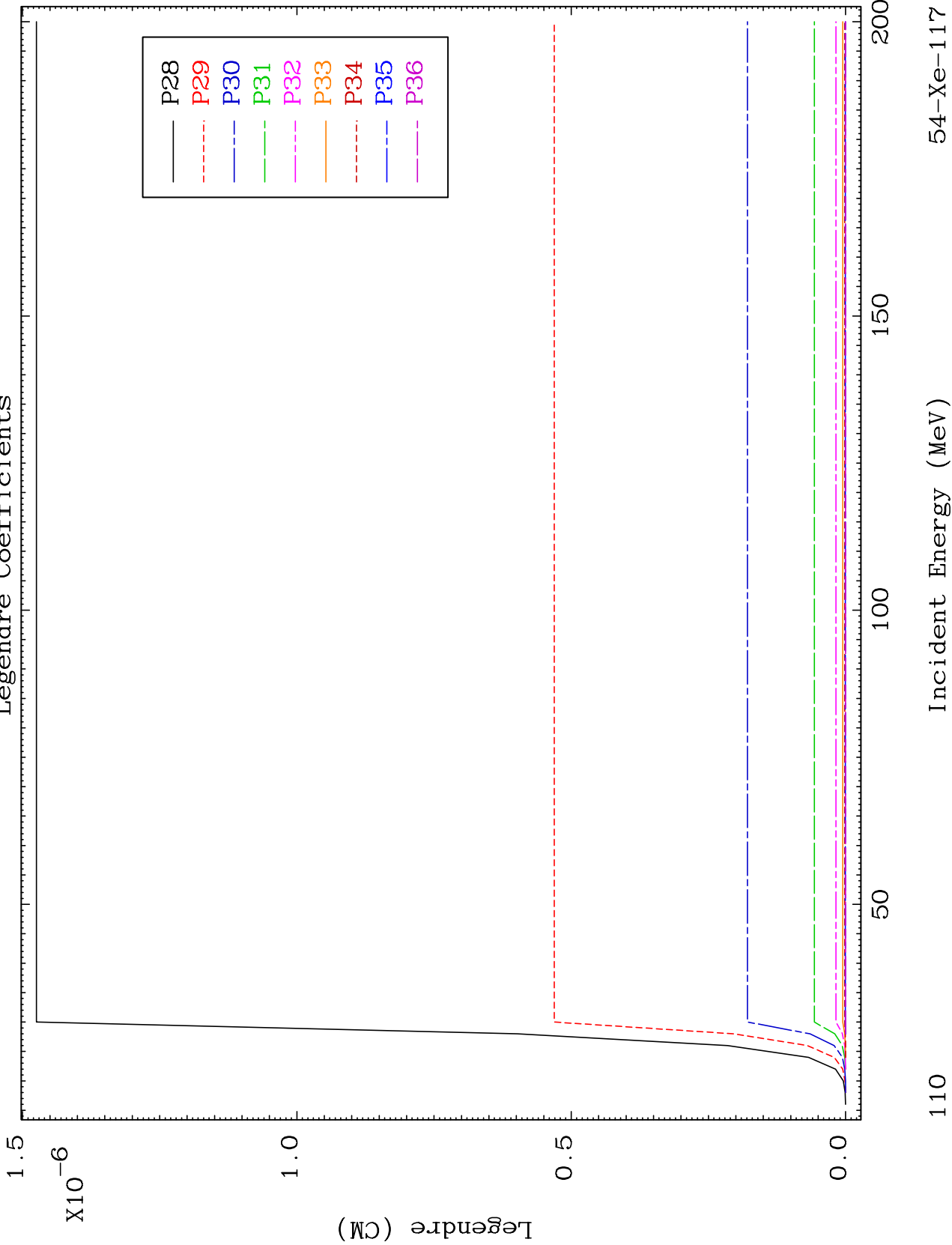
54-Xe-117



MAT 5404

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

54-Xe-117



110

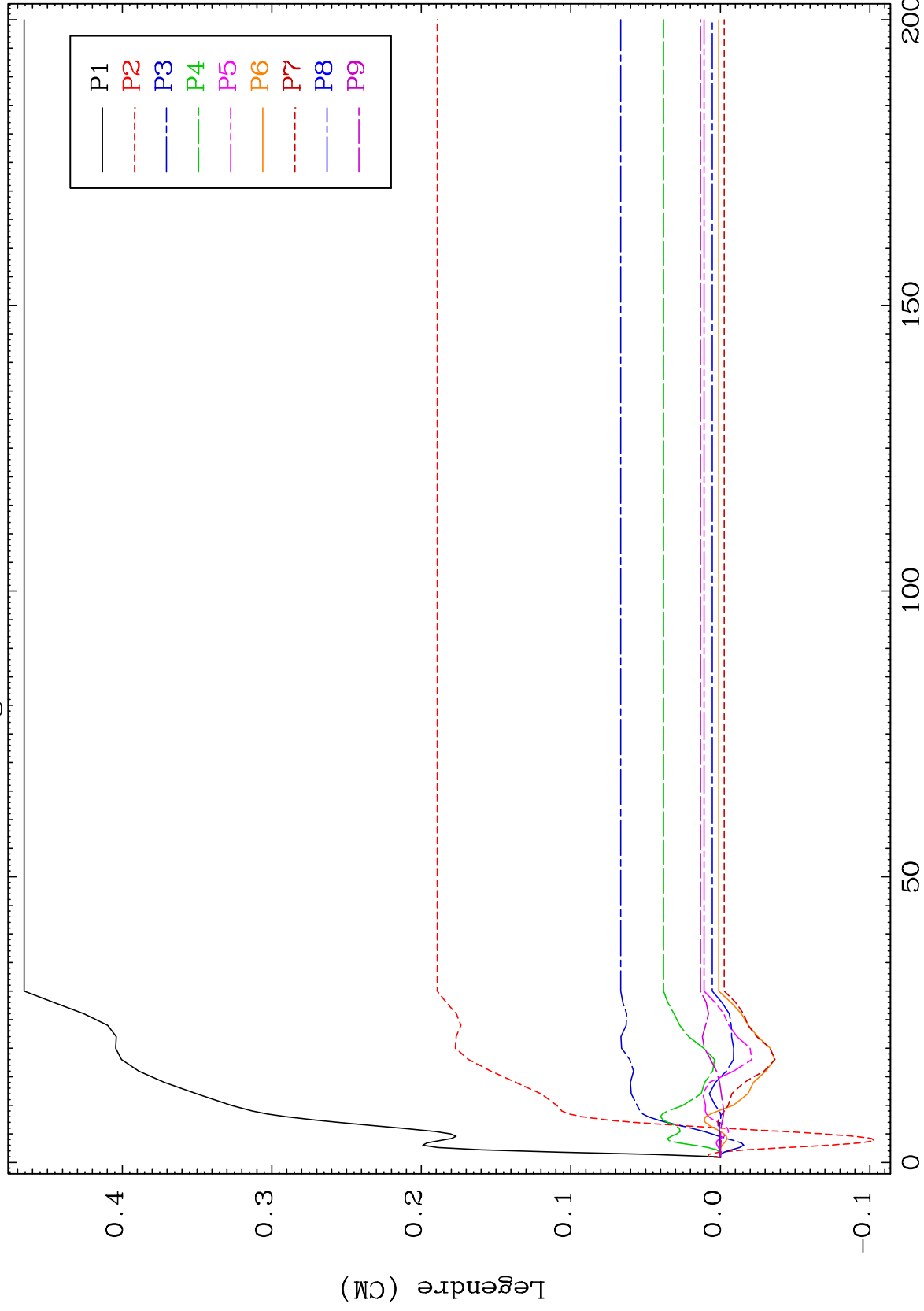
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



111

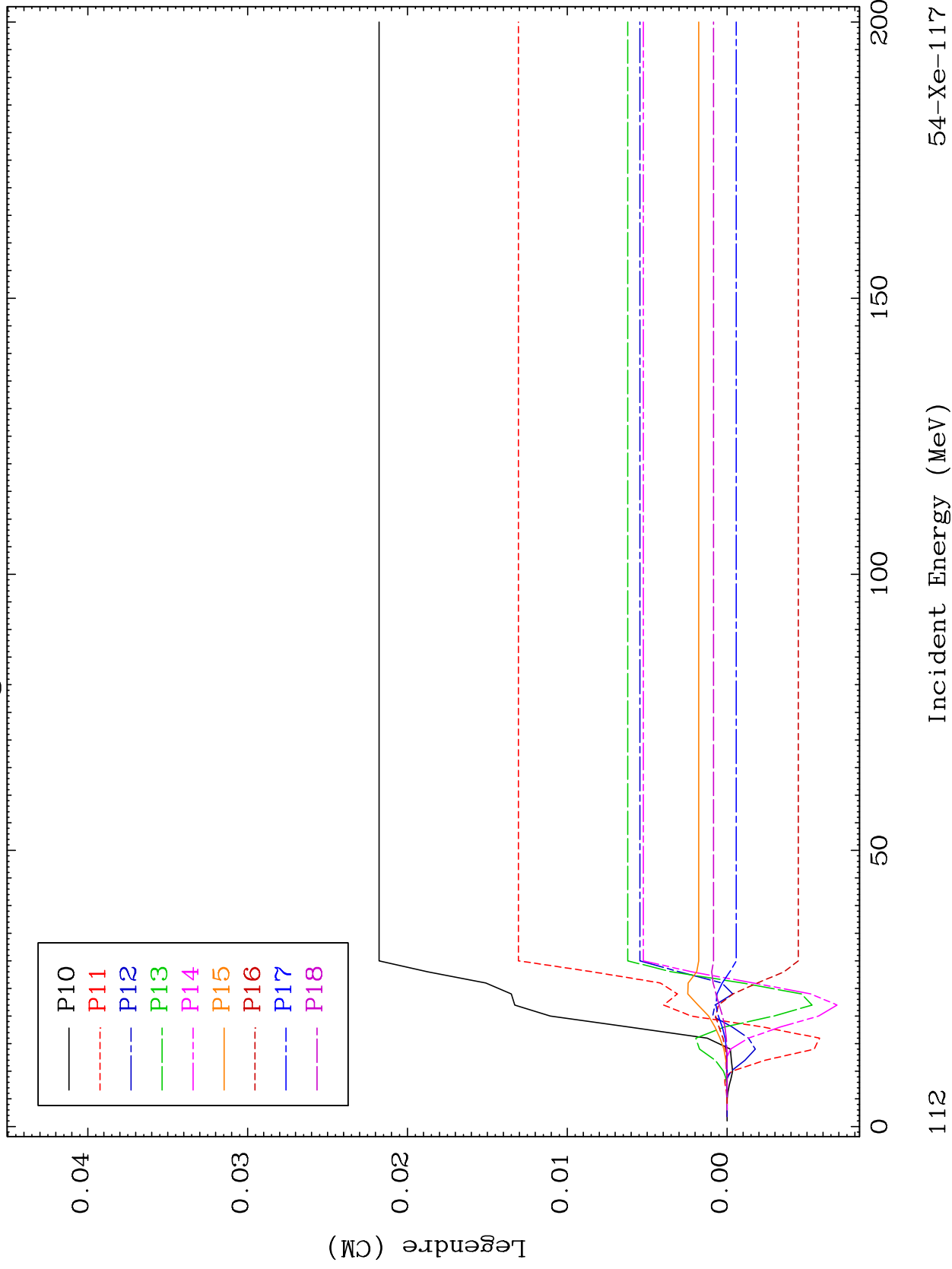
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



112

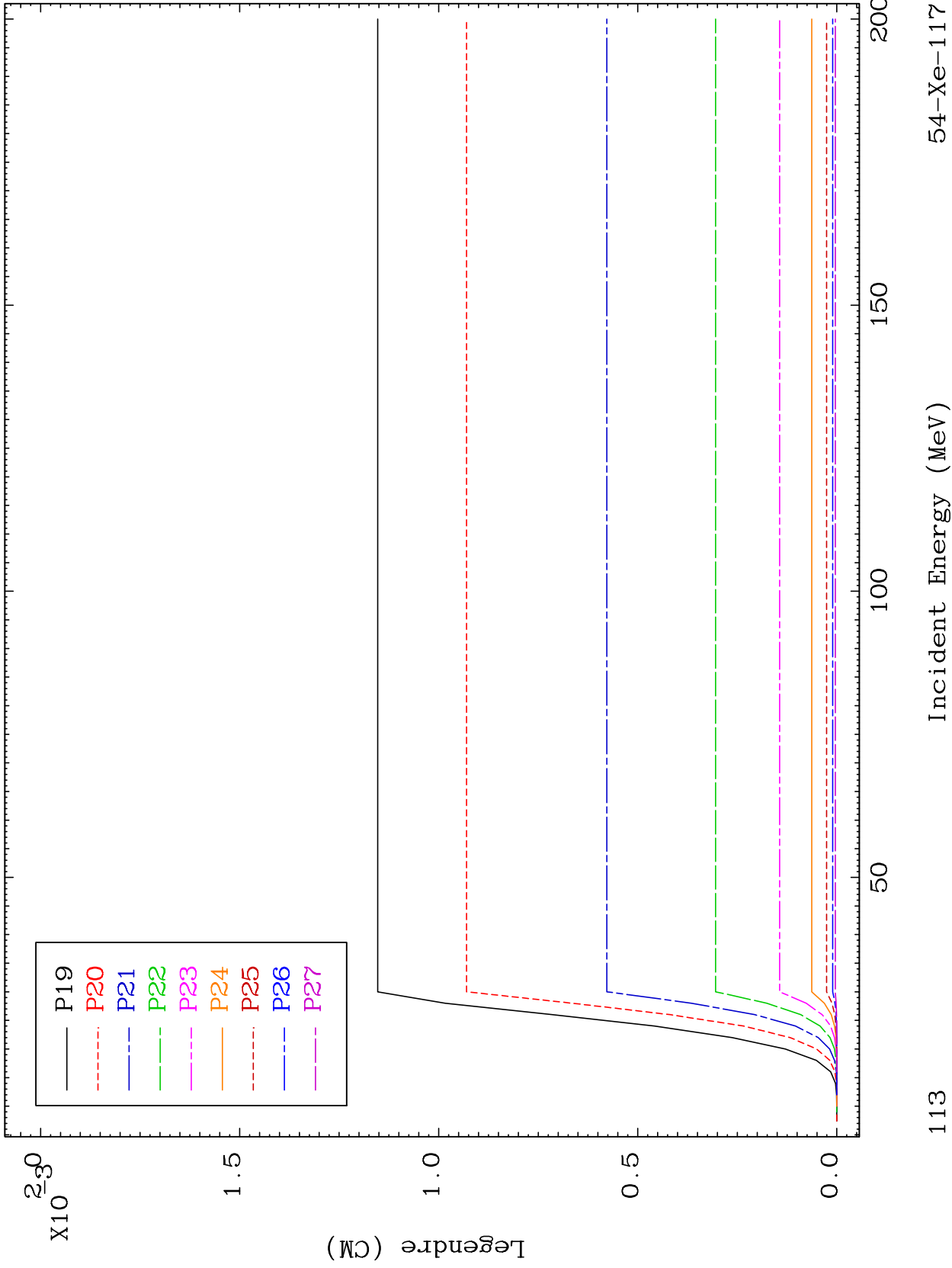
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117

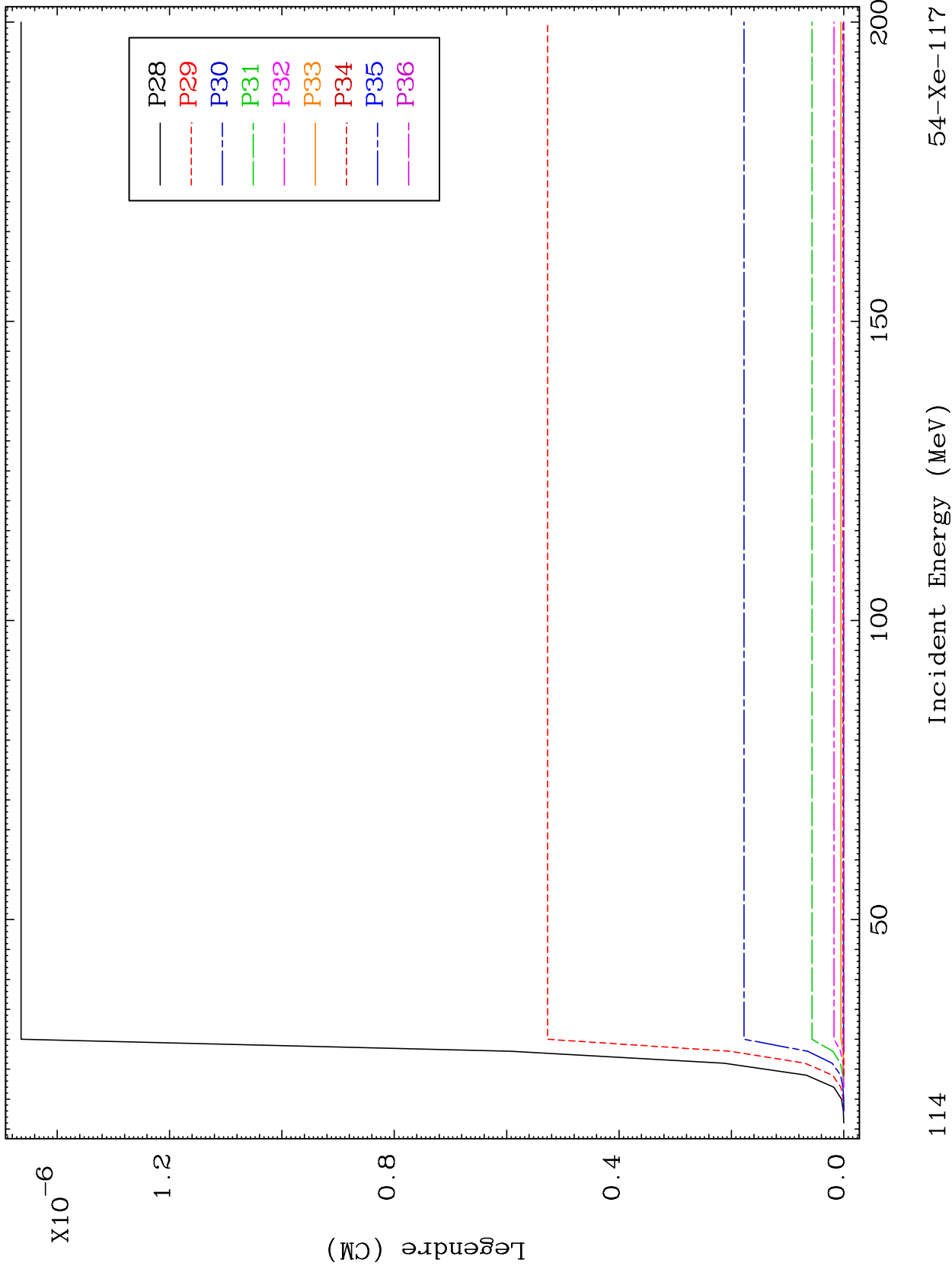


113

MAT 5404

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

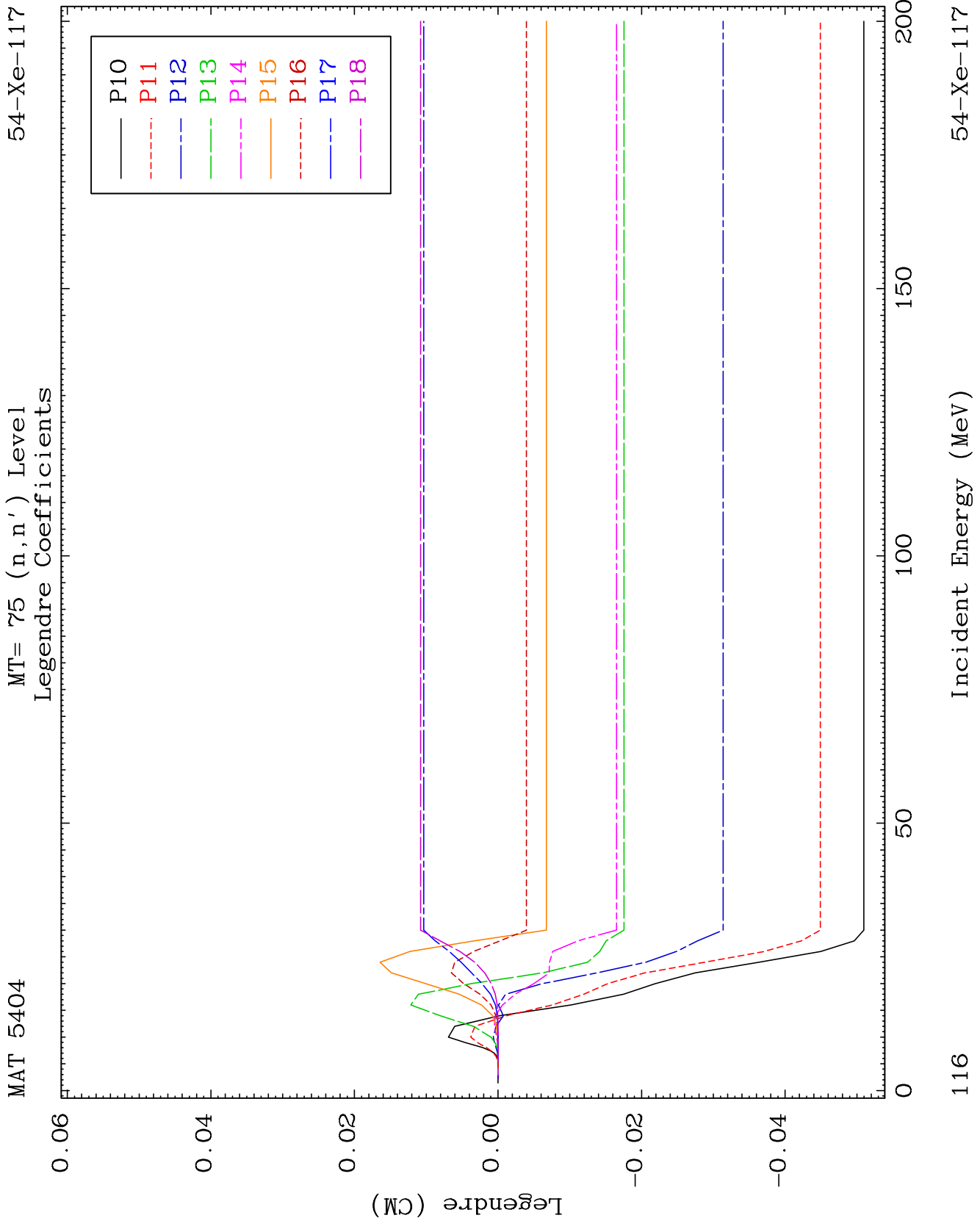
54-Xe-117



114

Incident Energy (MeV)

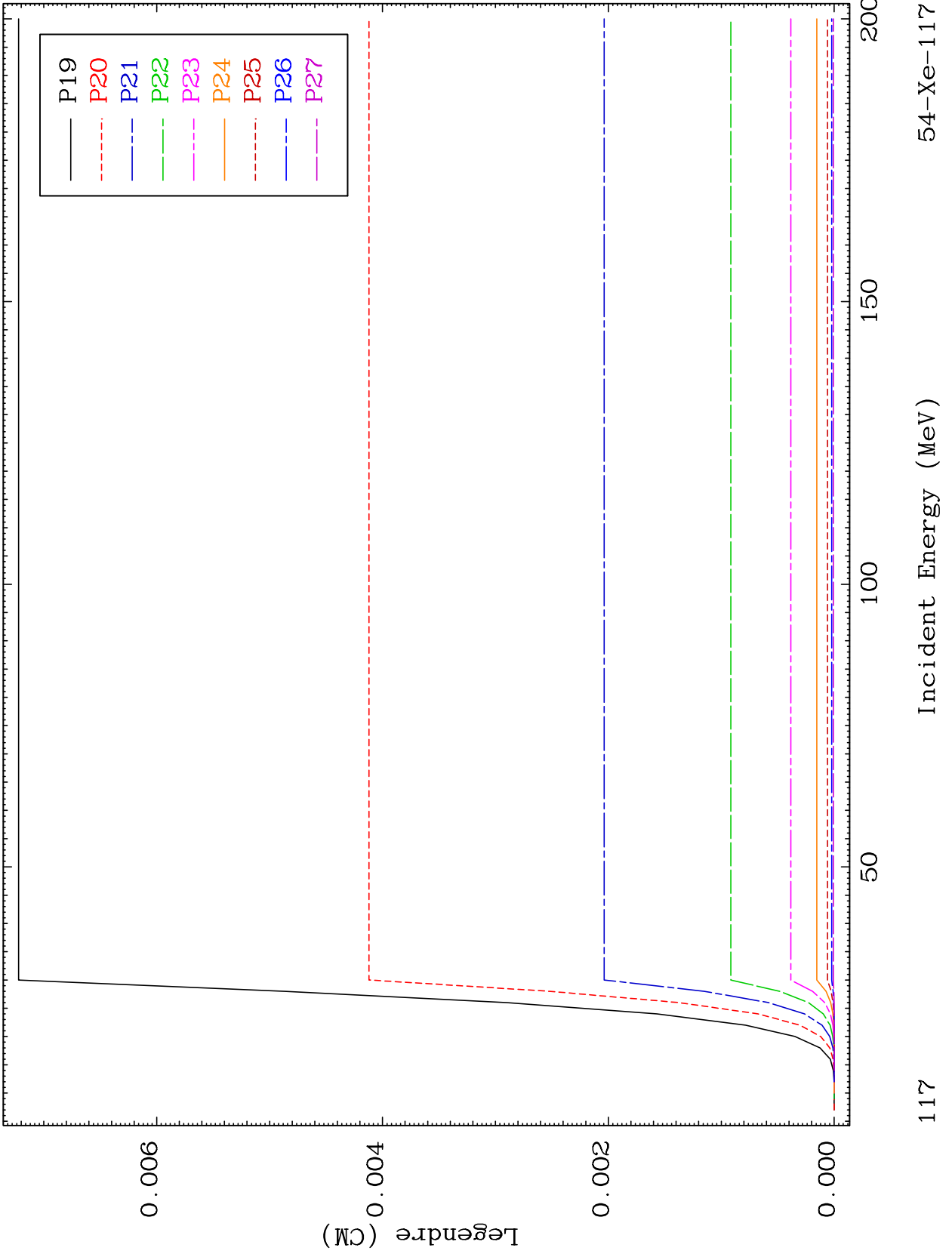
54-Xe-117



MAT 5404

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

54-Xe-117



117

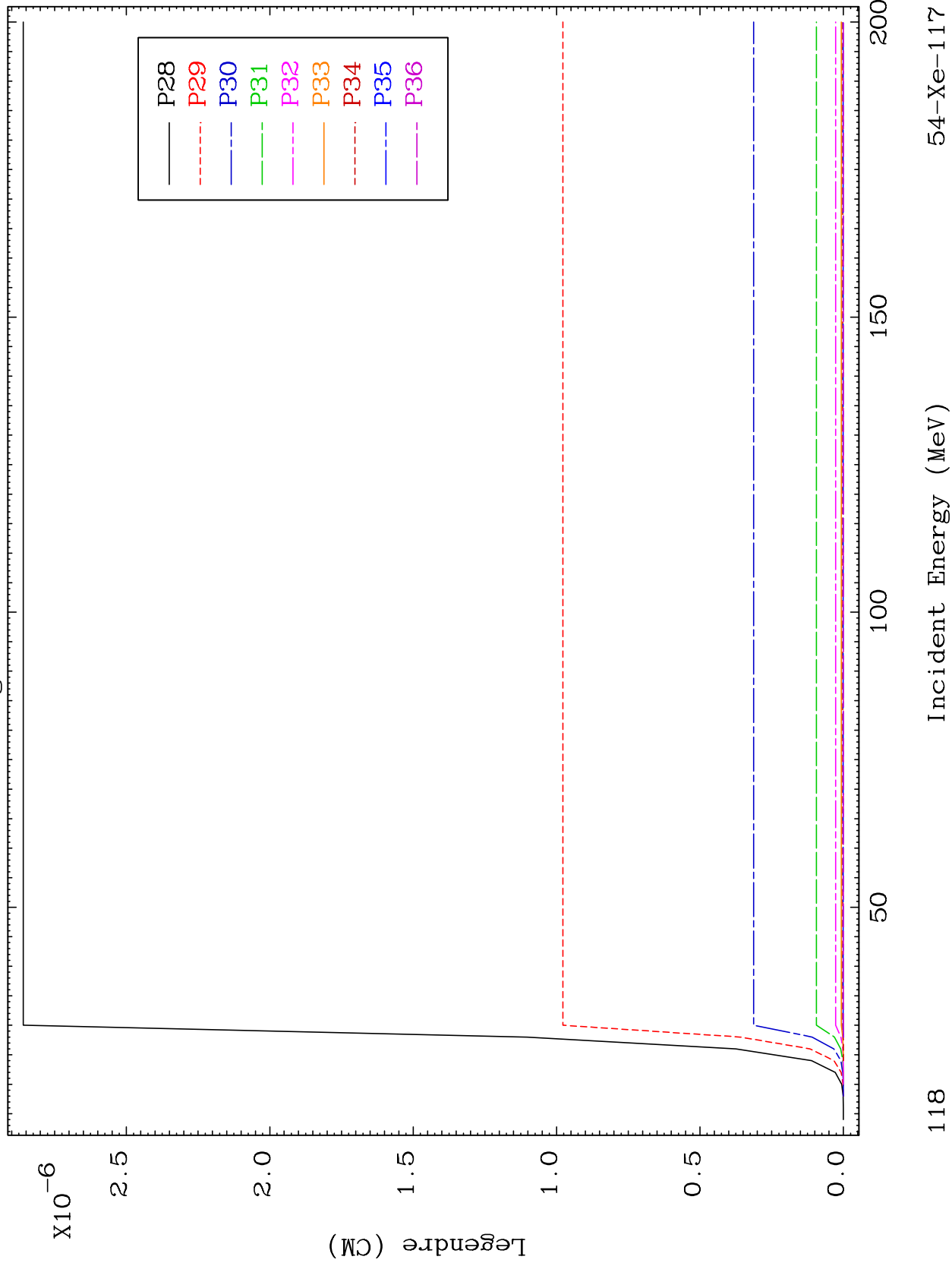
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



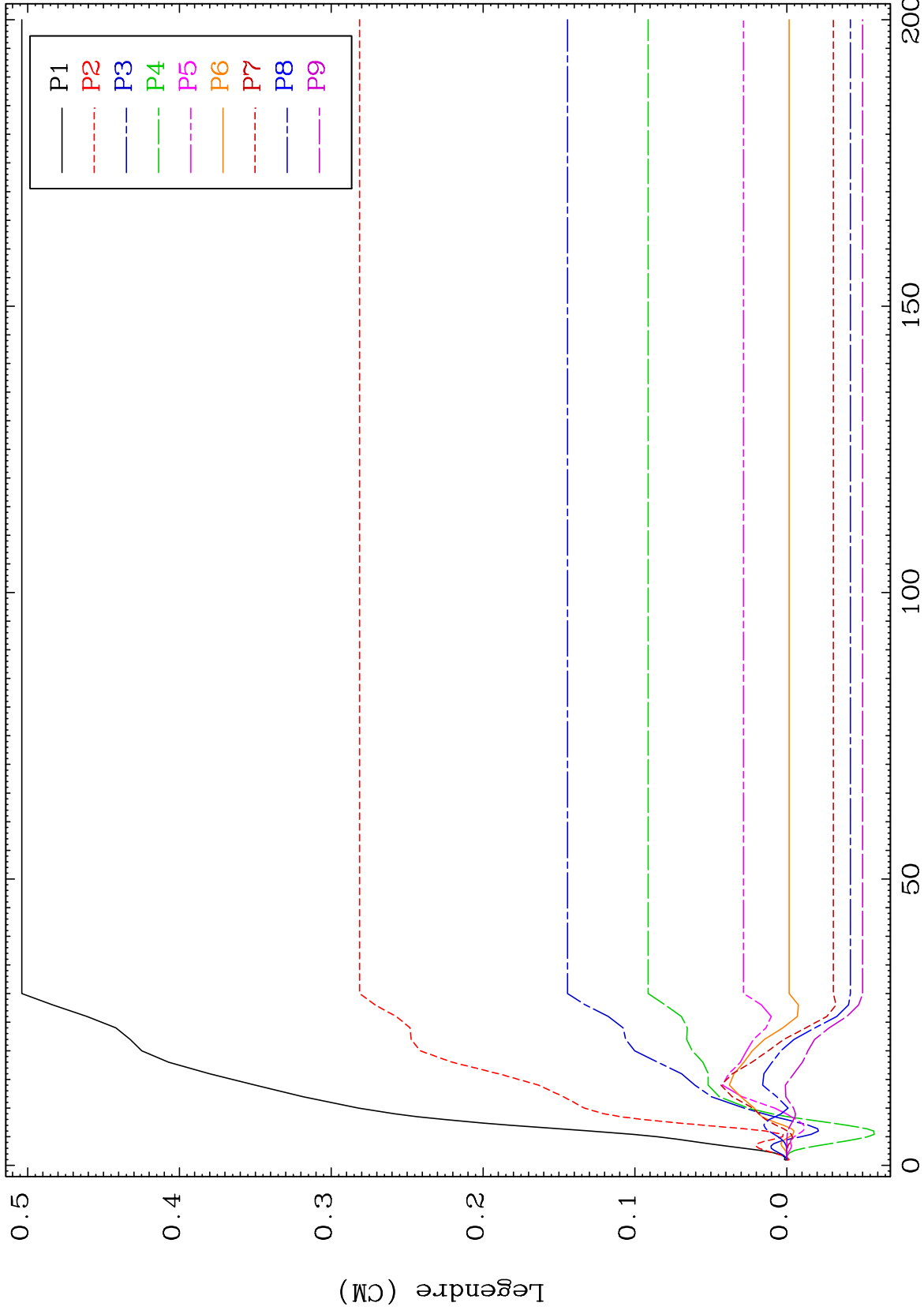
118

MAT 5404

MT= 76 (n,n') Level

54-Xe-117

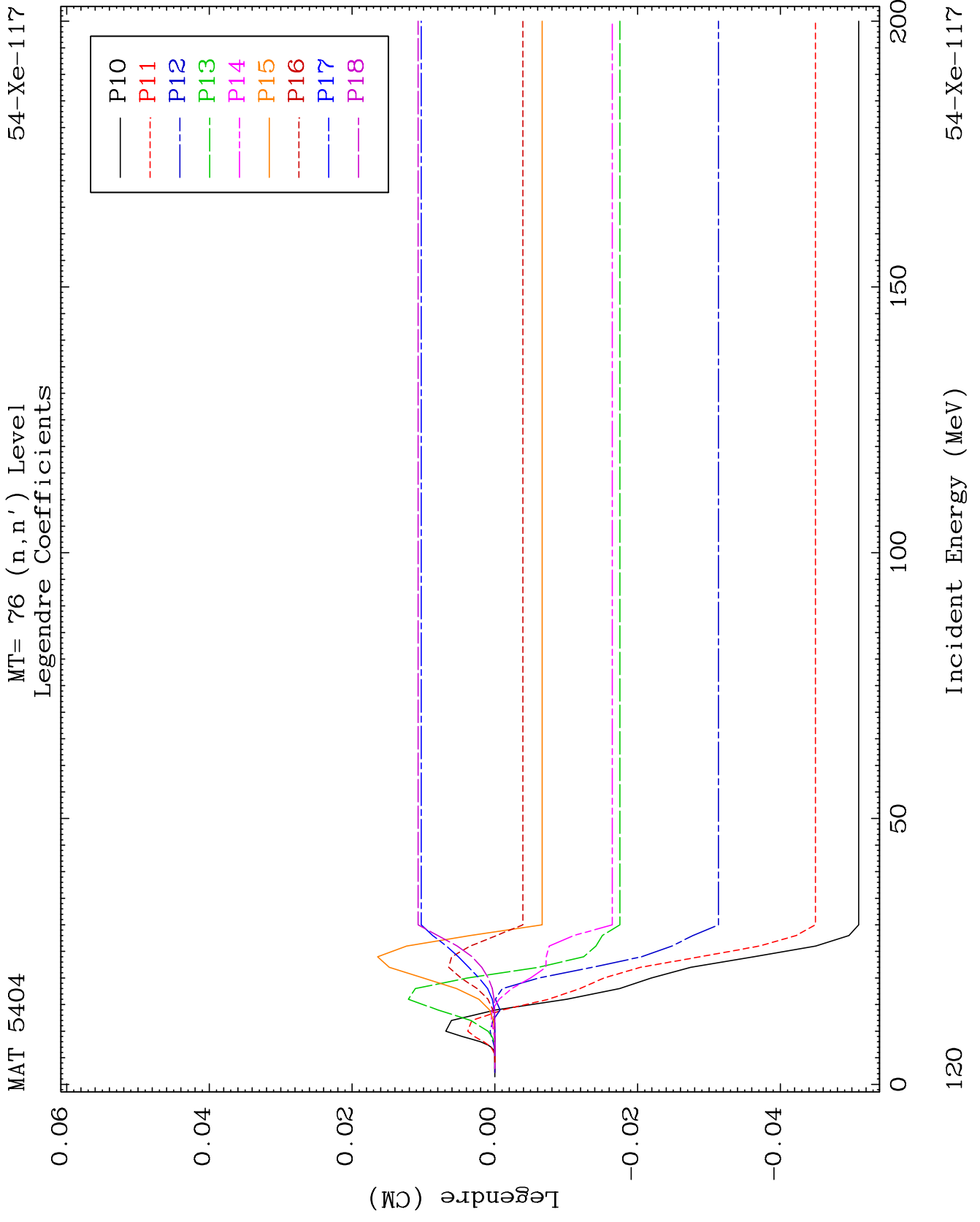
Legendre Coefficients



119

Incident Energy (MeV)

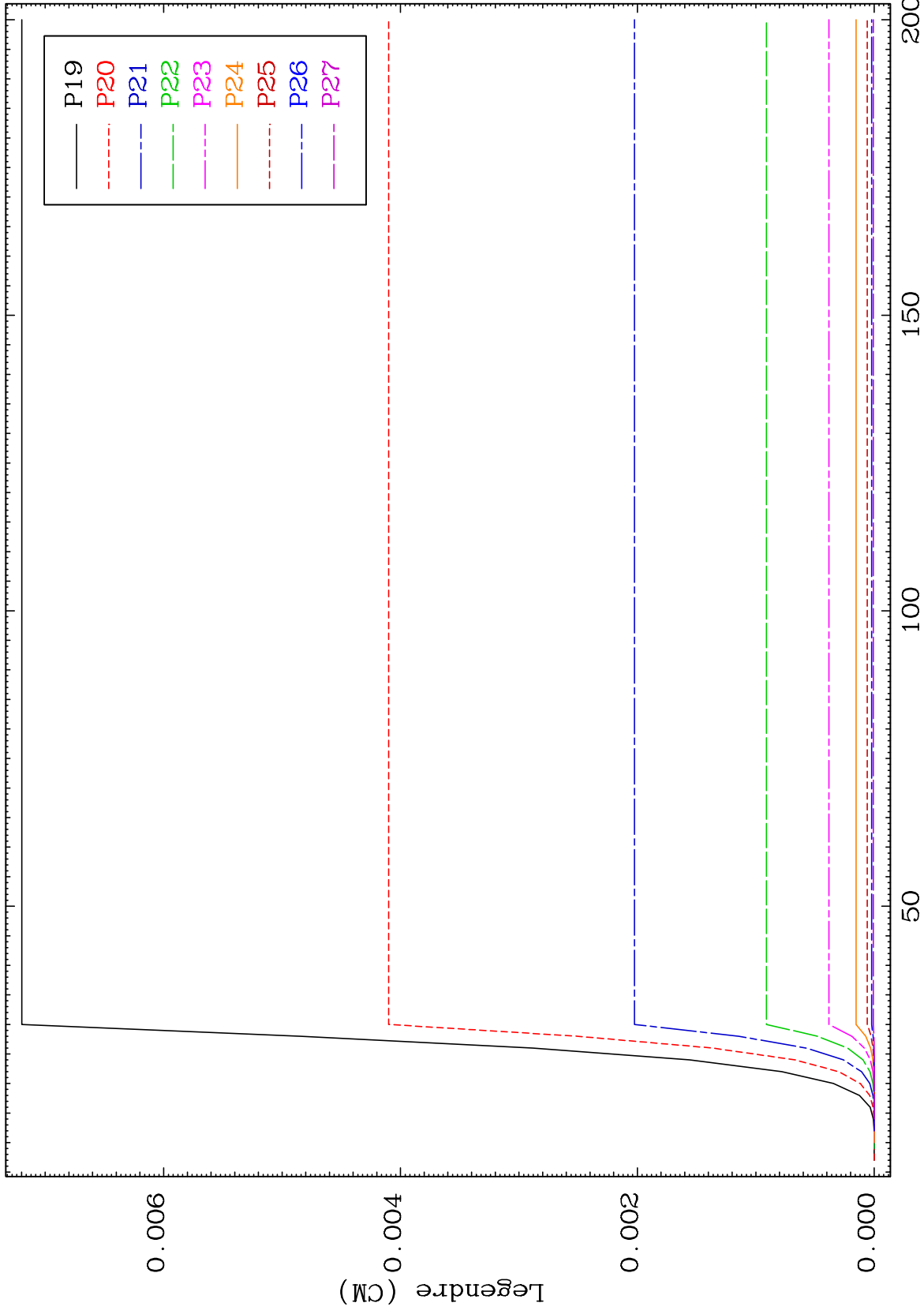
54-Xe-117



MAT 5404

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

54-Xe-117



121

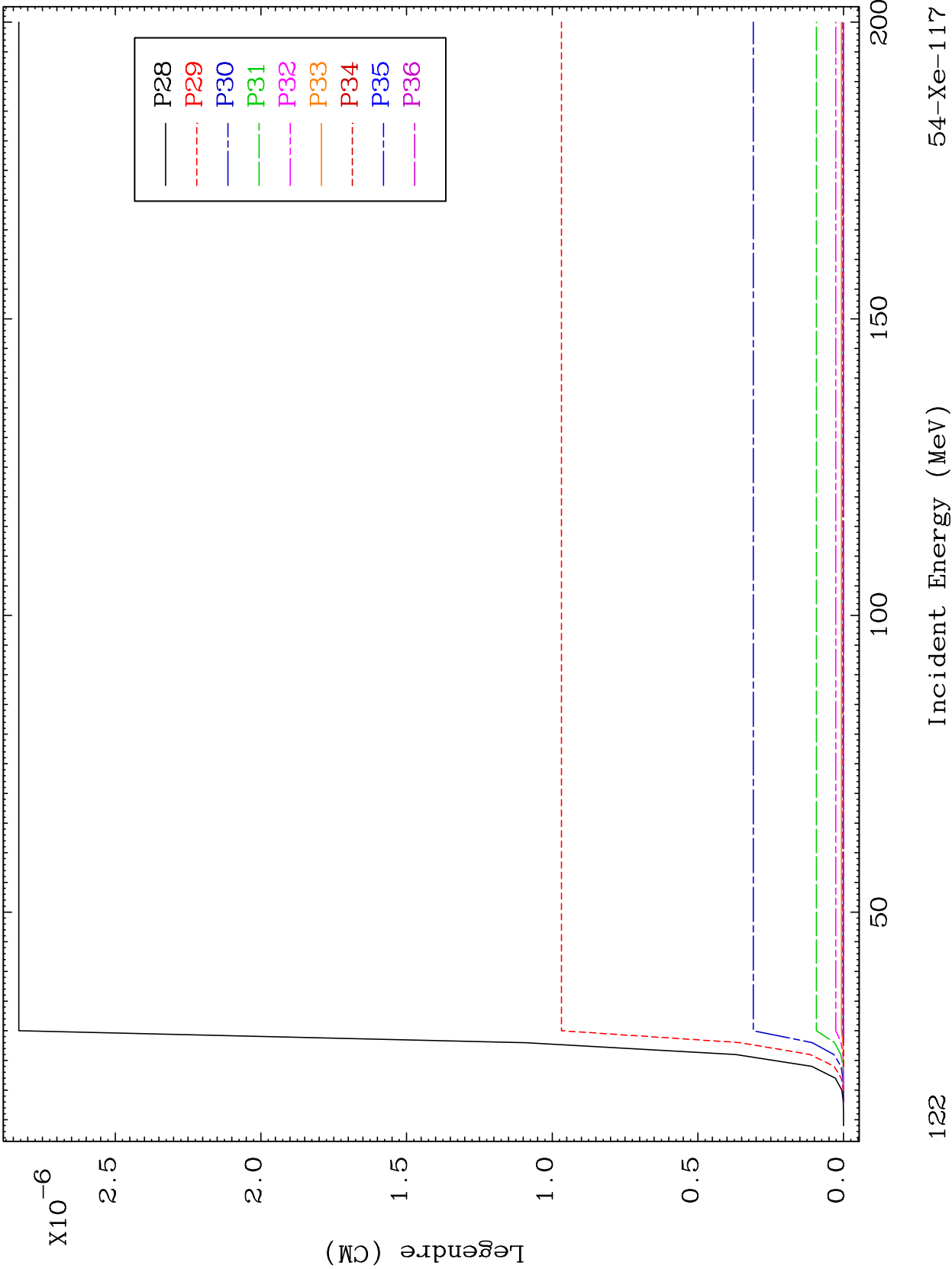
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117

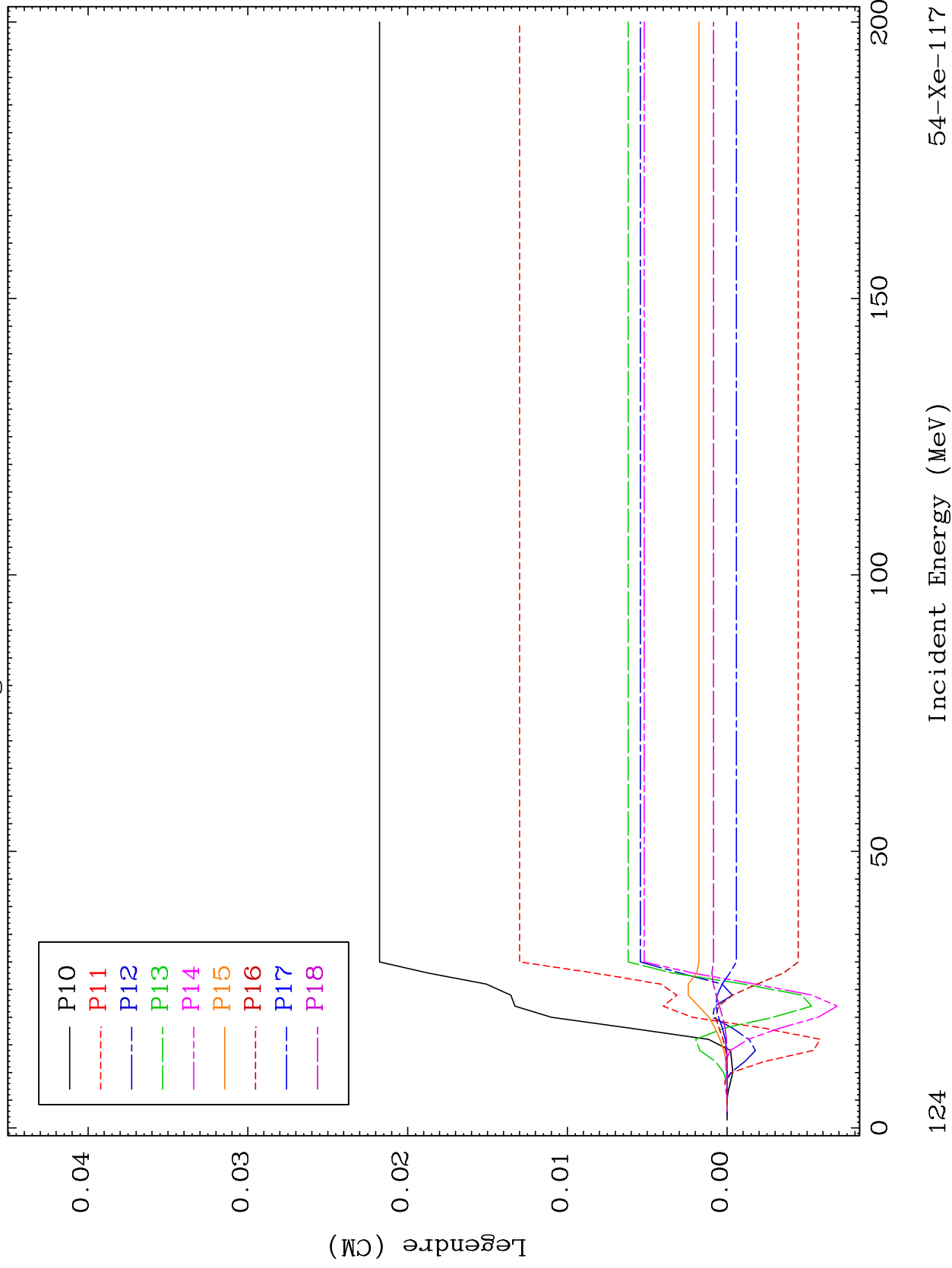


122

MAT 5404

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

54-Xe-117



54-Xe-117

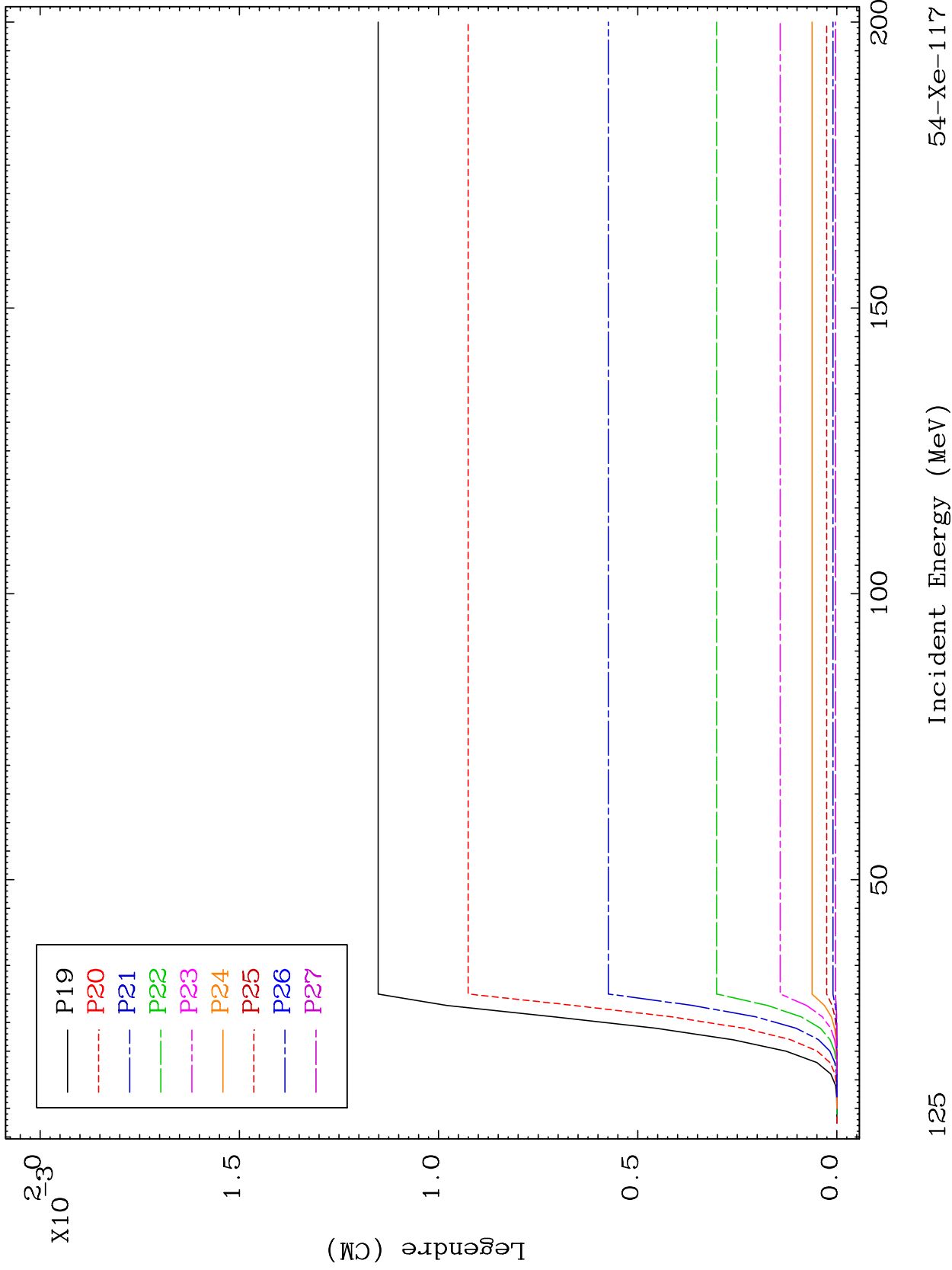
Incident Energy (MeV)

124

MAT 5404

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

54-Xe-117



125

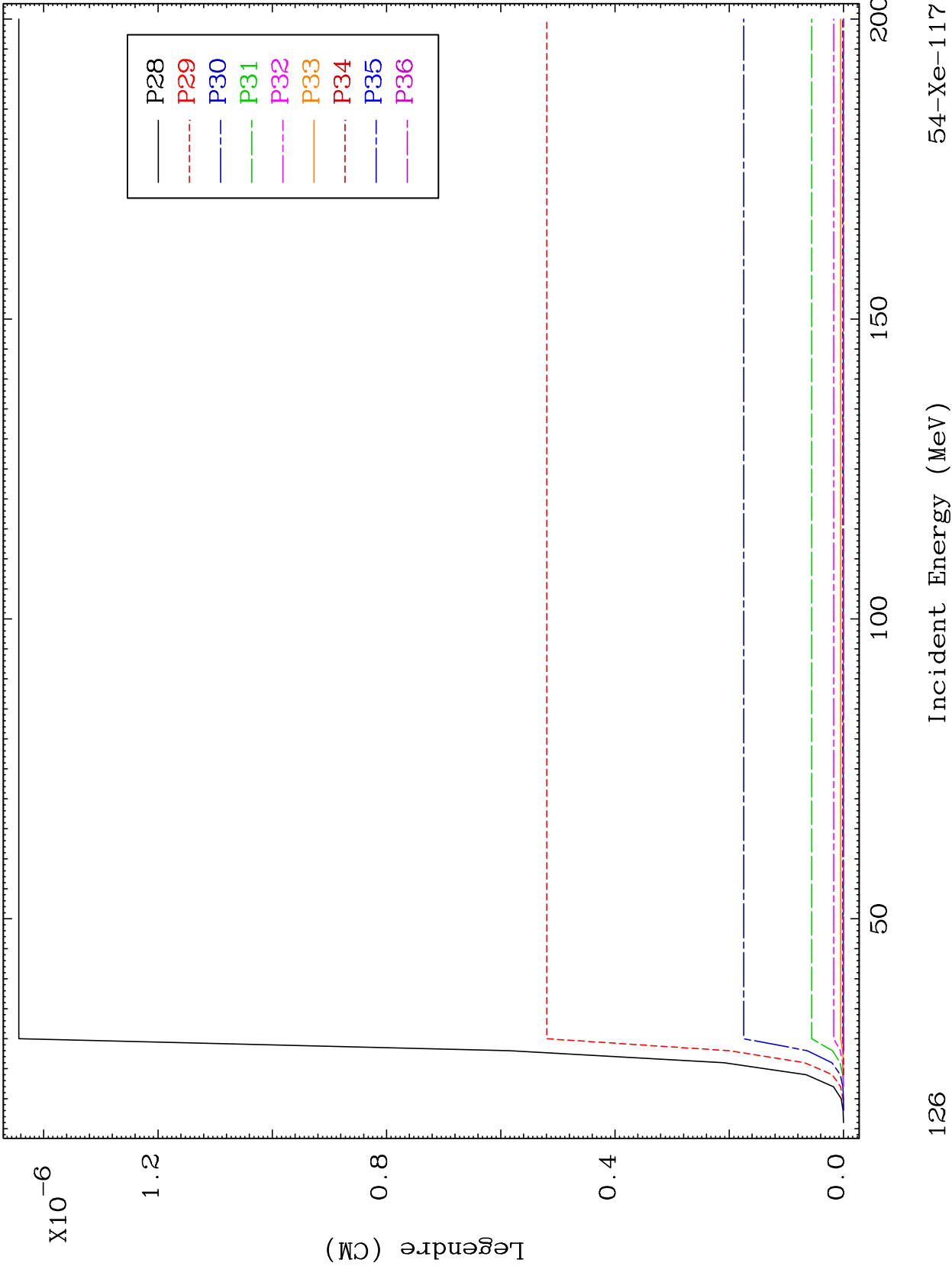
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

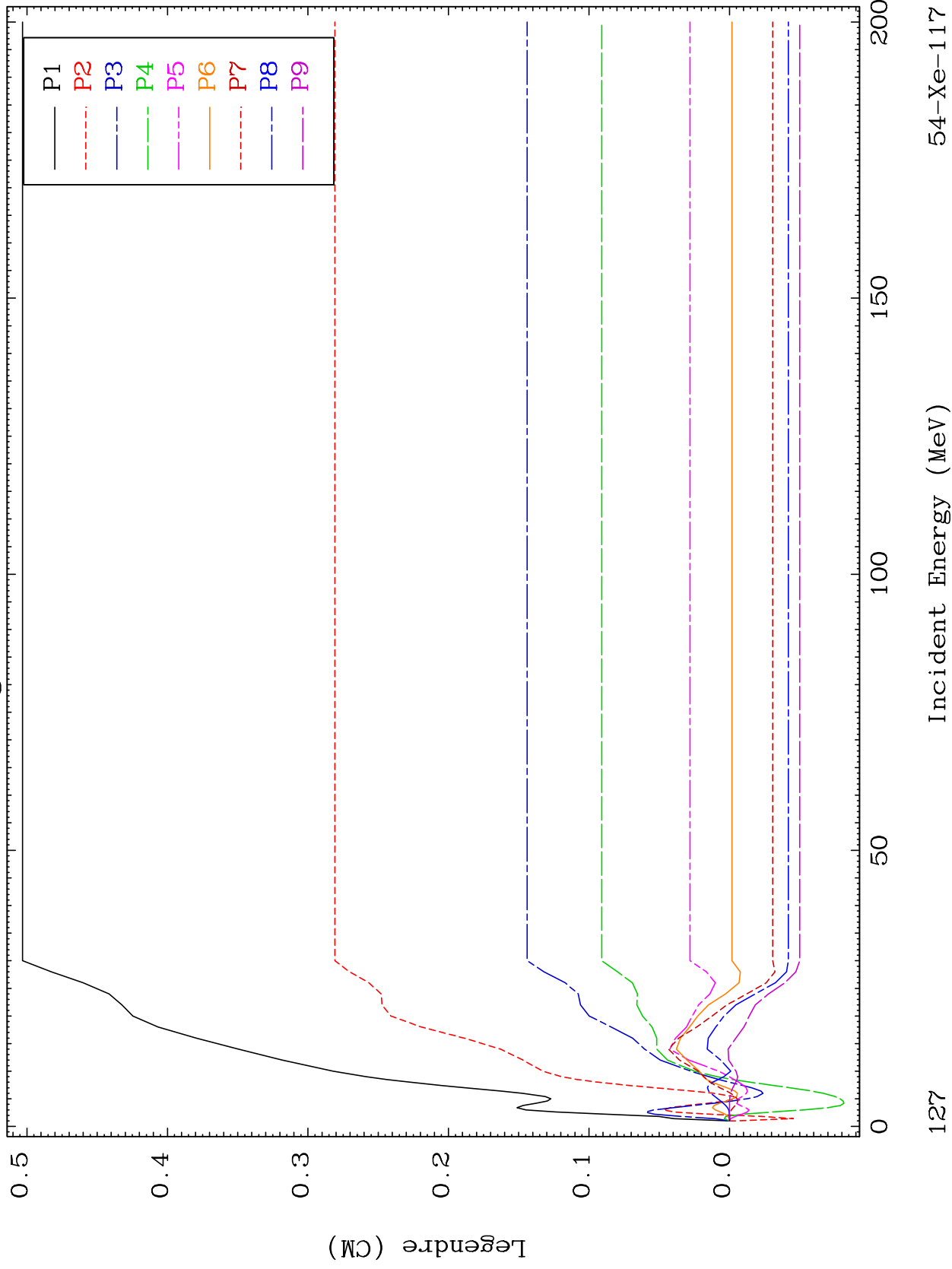
Incident Energy (MeV)

126

MAT 5404

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

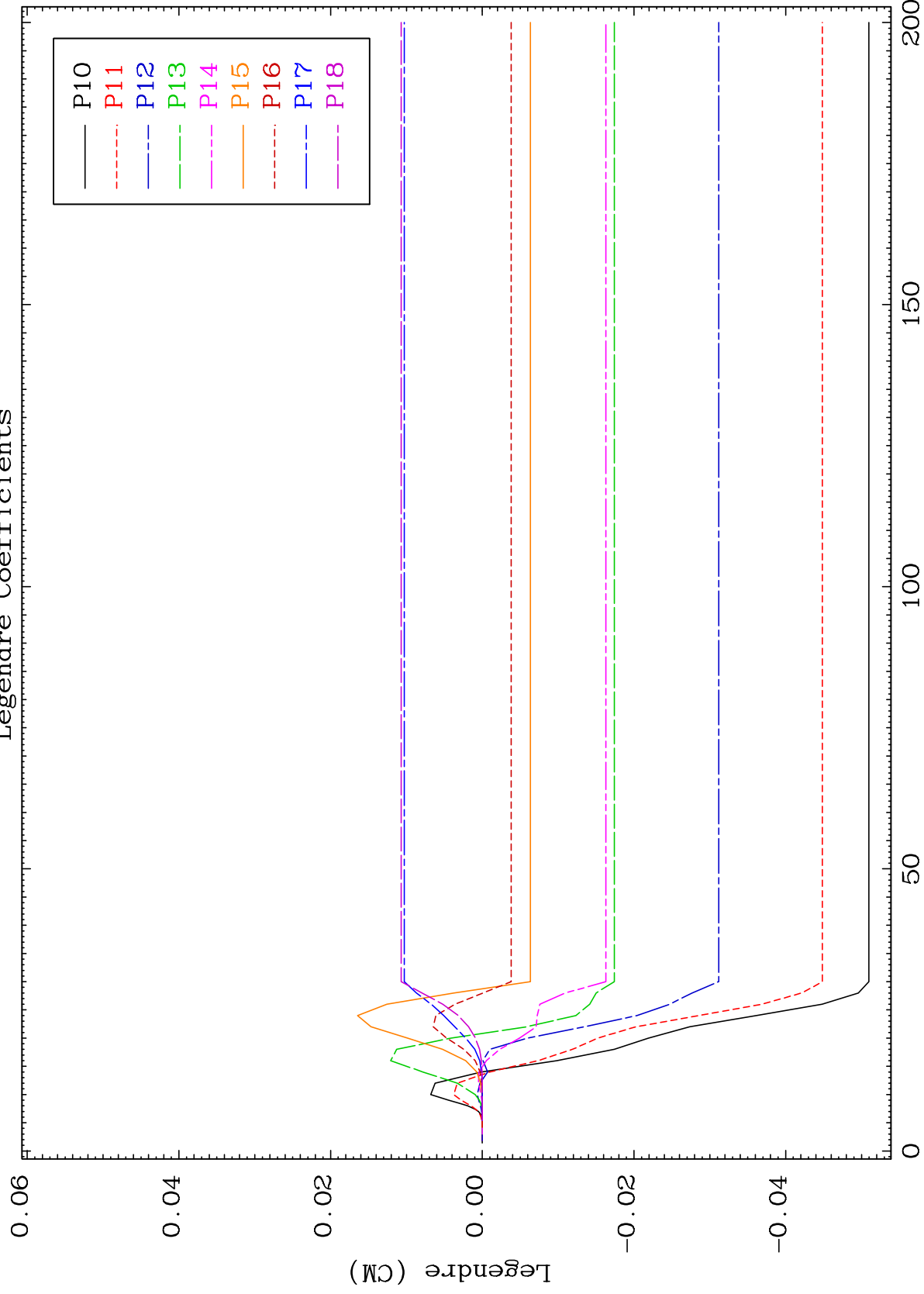
54-Xe-117



MAT 5404

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

54-Xe-117



128

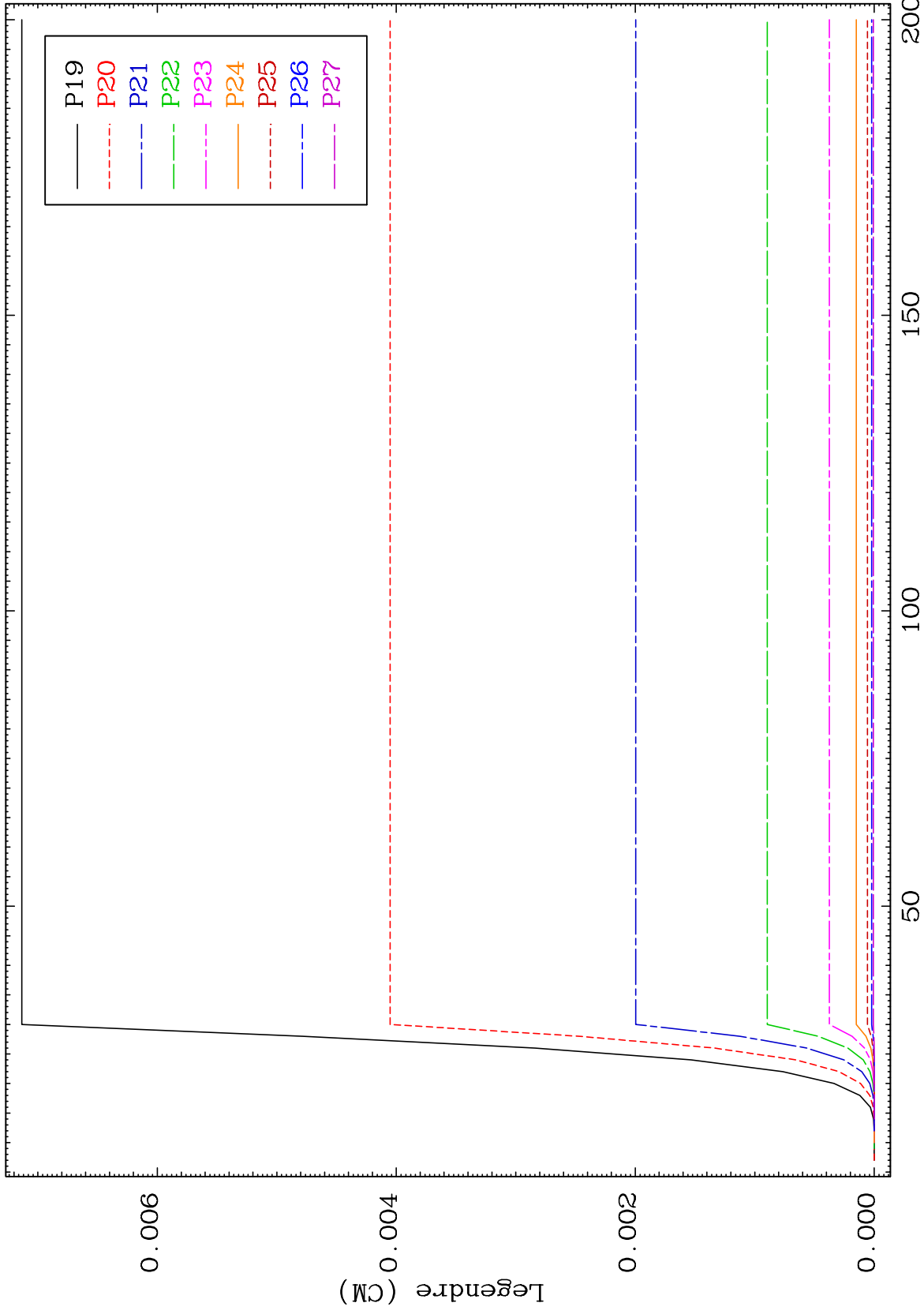
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



129

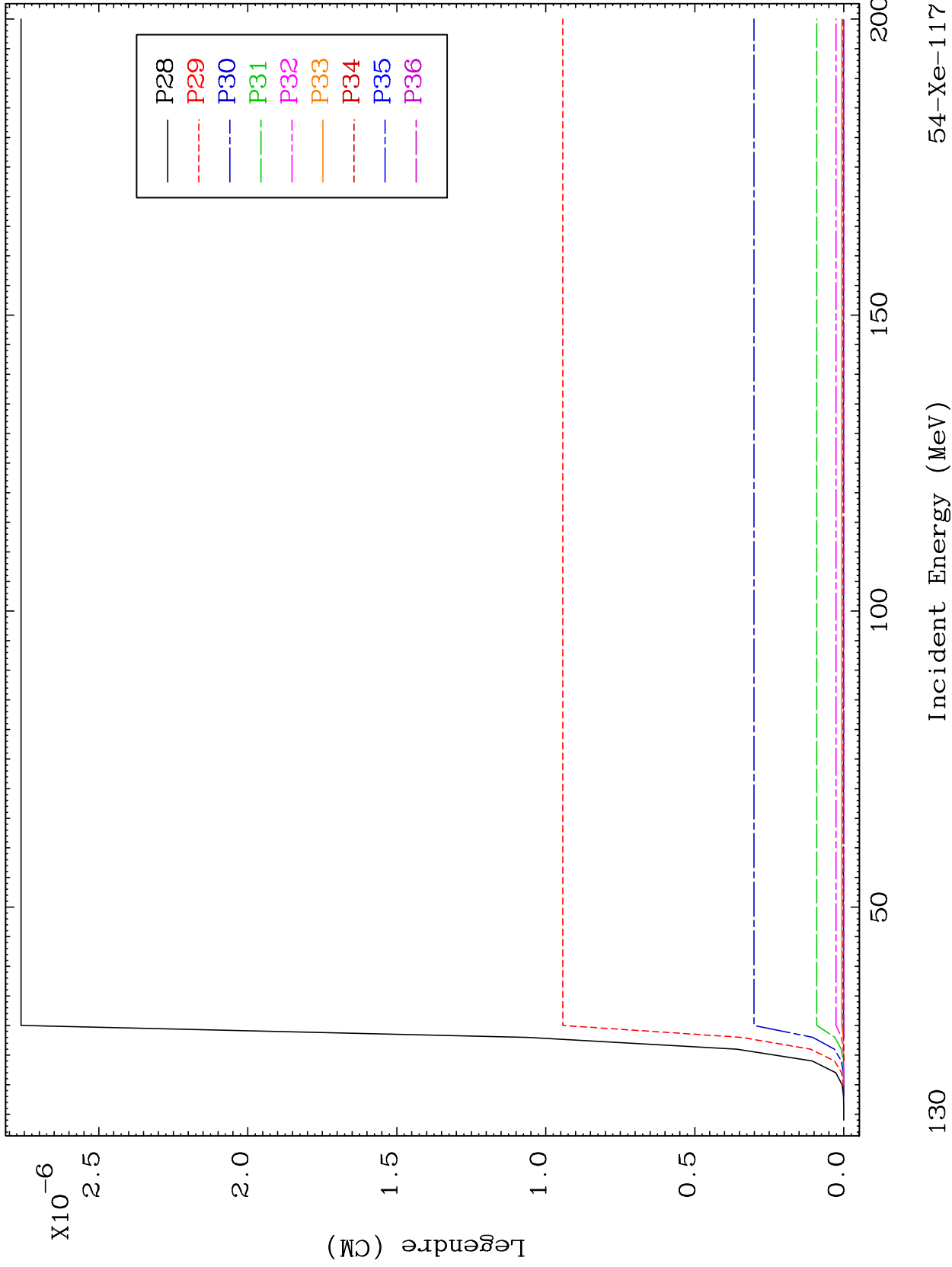
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

Incident Energy (MeV)

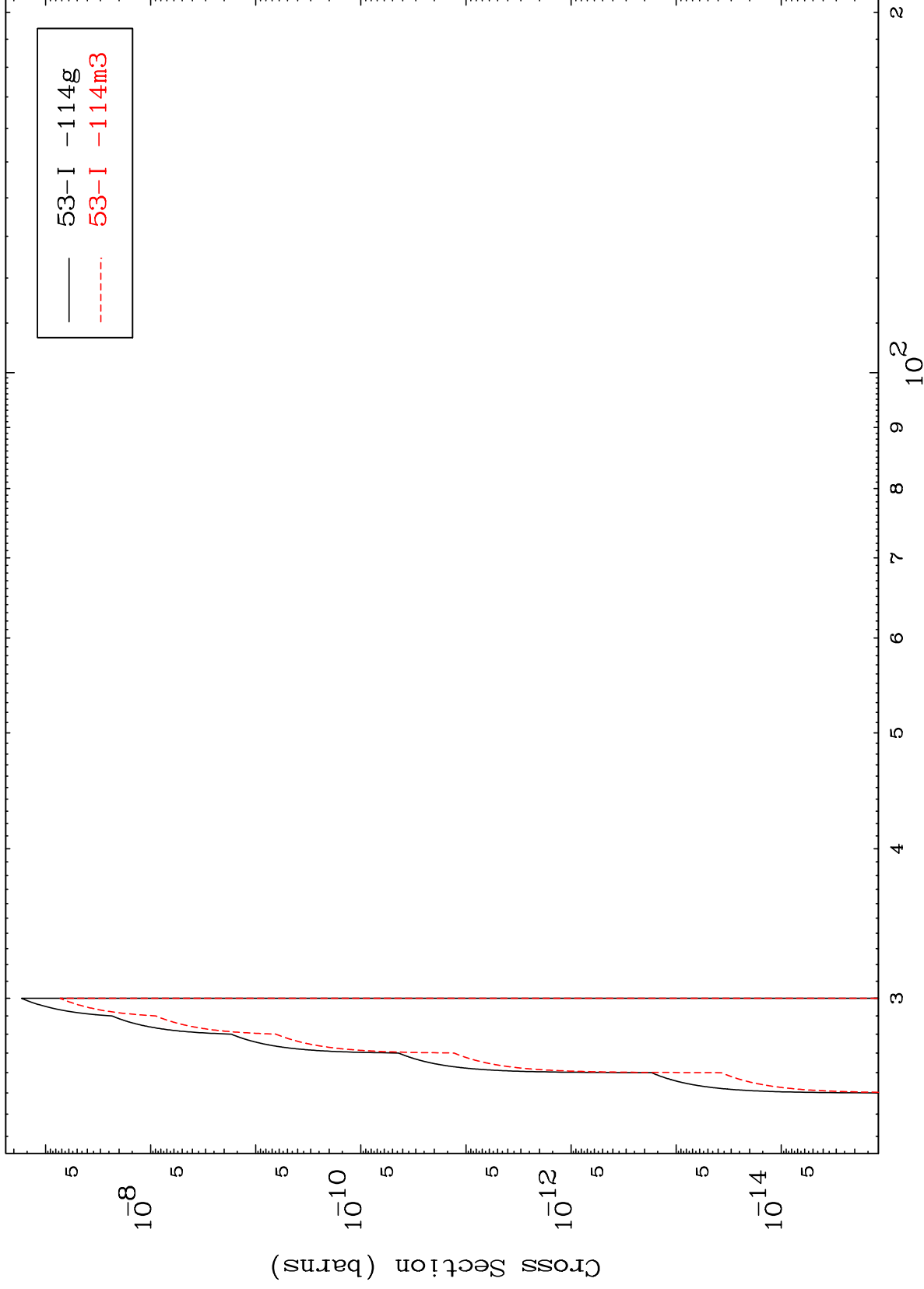
130

MAT 5404

(n,2n) d

54-Xe-117

Radionuclide Production Cross Section



131

Incident Energy (MeV)

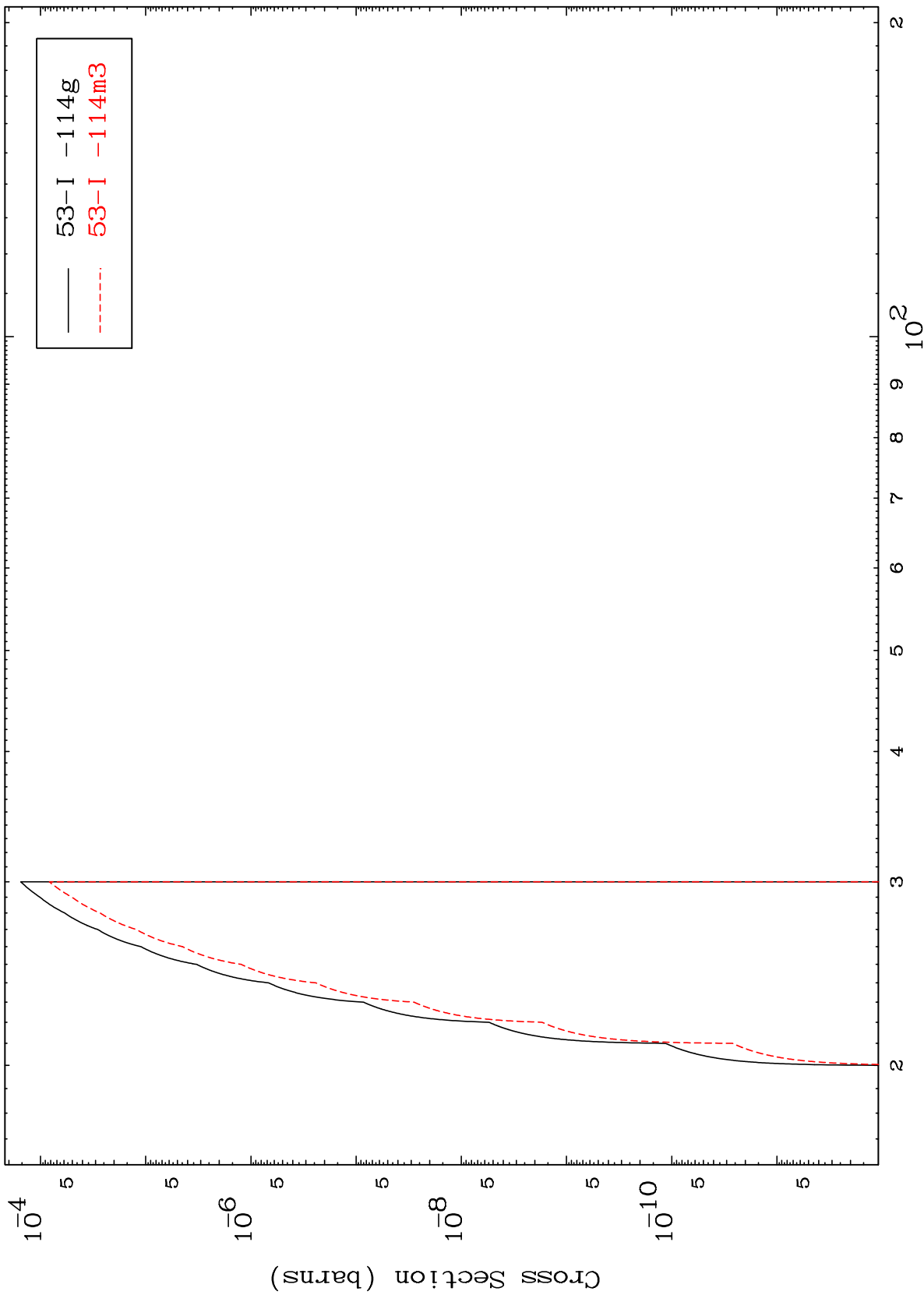
54-Xe-117

MAT 5404

(n,n') t

54-Xe-117

Radionuclide Production Cross Section



132

Incident Energy (MeV)

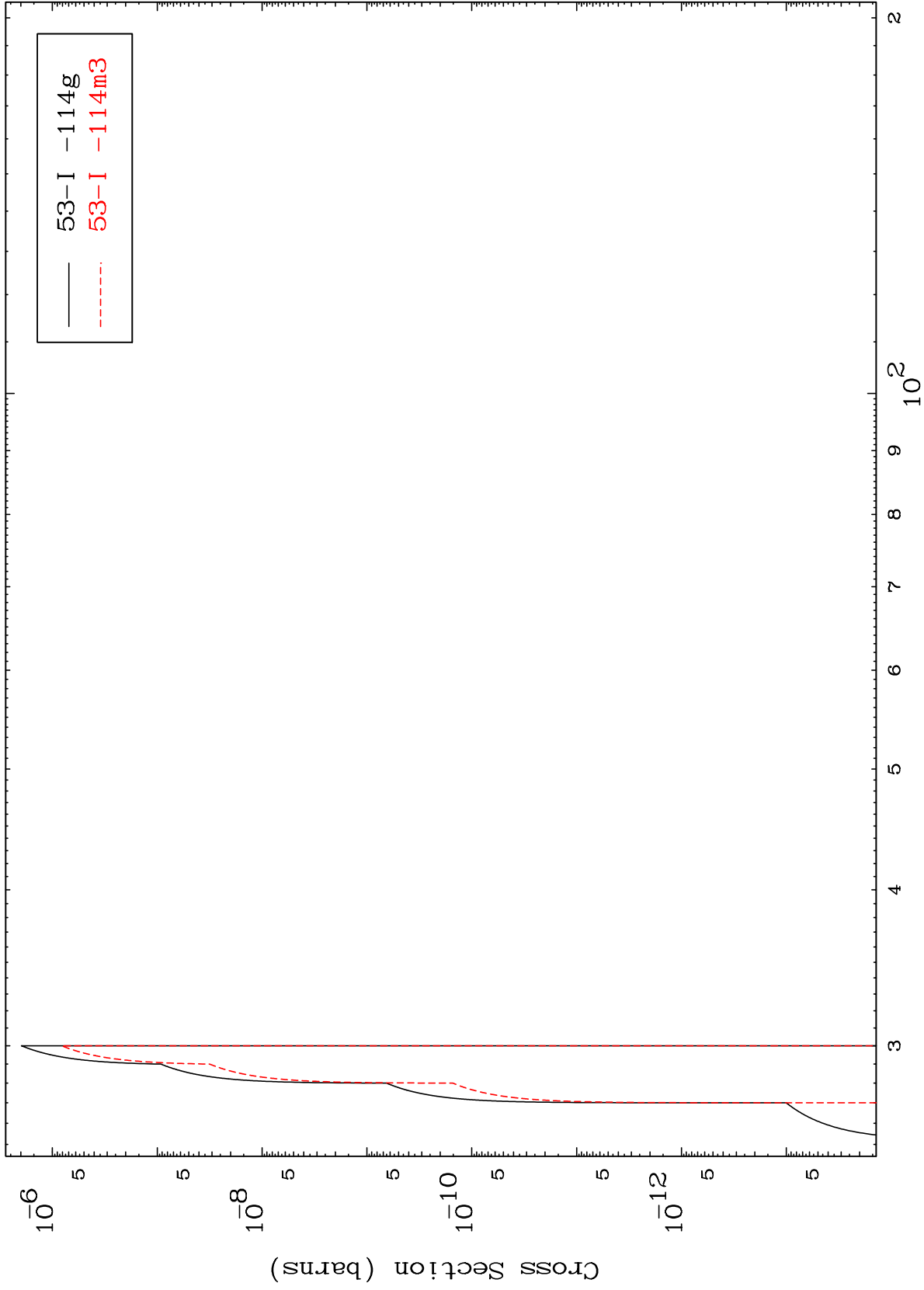
54-Xe-117

MAT 5404

(n,3n) p

54-Xe-117

Radionuclide Production Cross Section



133

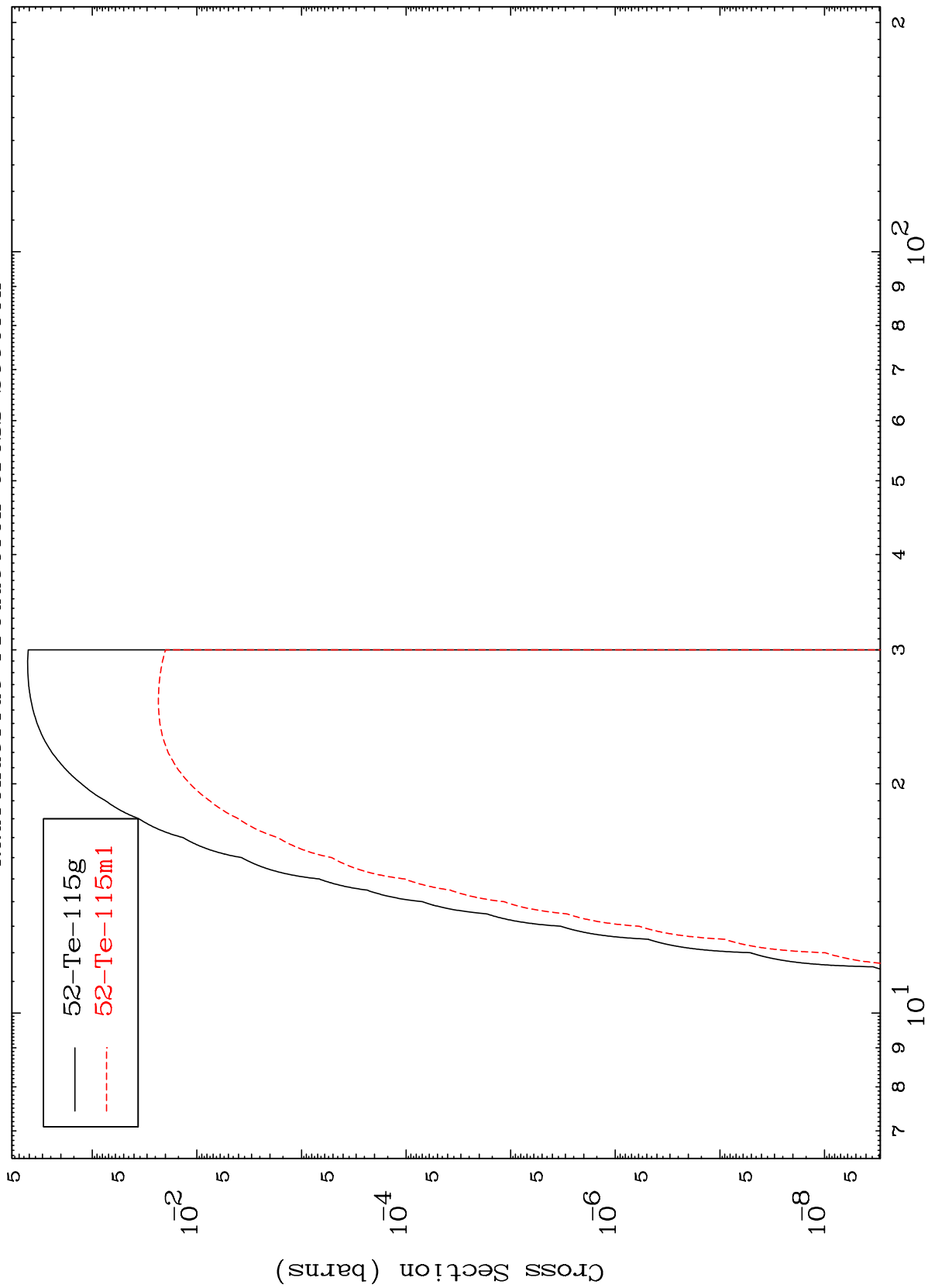
Incident Energy (MeV)

54-Xe-117

MAT 5404

54-Xe-117

(n,2n) p
Radionuclide Production Cross Section



134

Incident Energy (MeV)

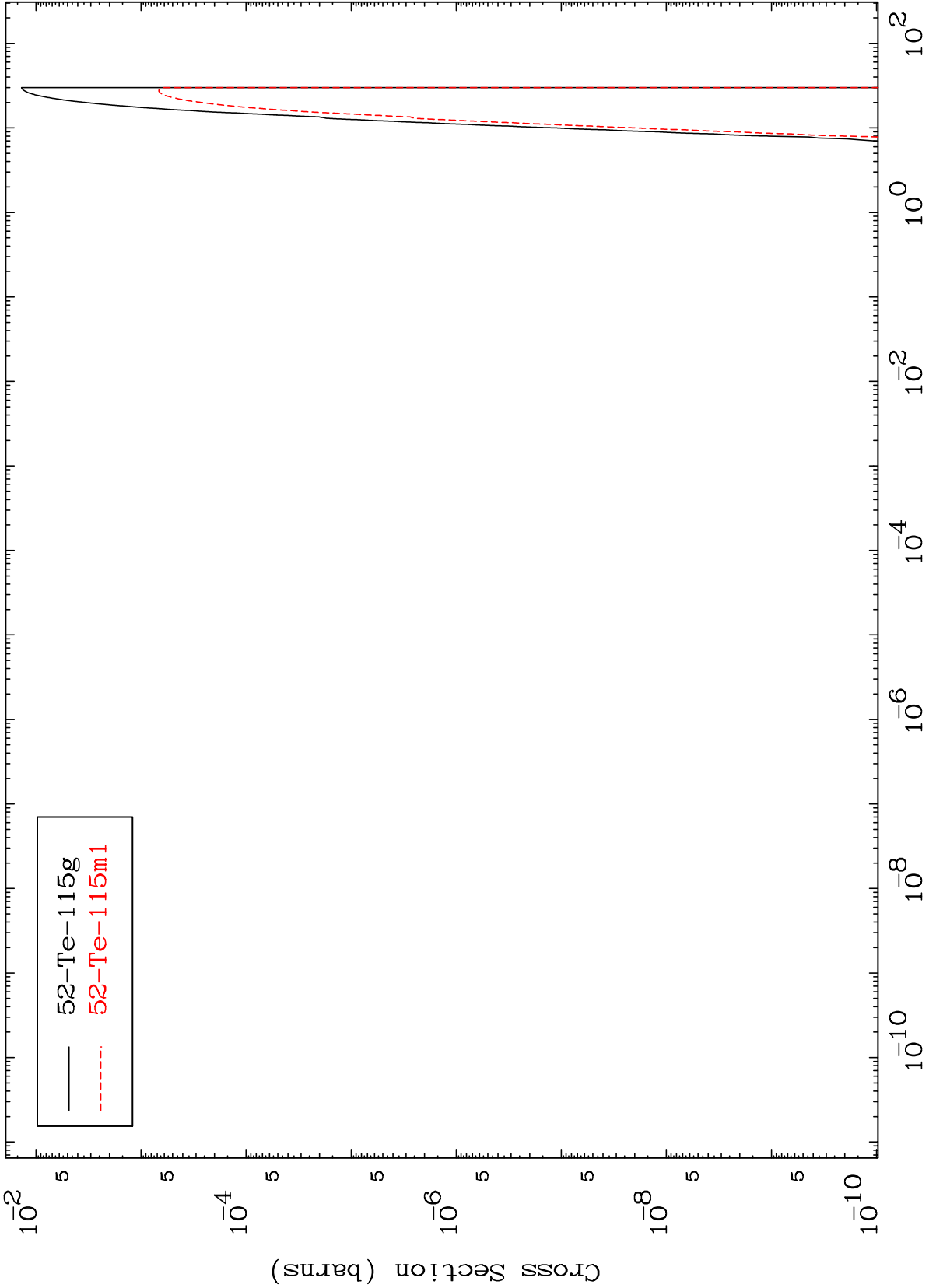
54-Xe-117

MAT 5404

(n,He-3)

54-Xe-117

Radionuclide Production Cross Section



52-Te-115g
52-Te-115m1

135

Incident Energy (MeV)

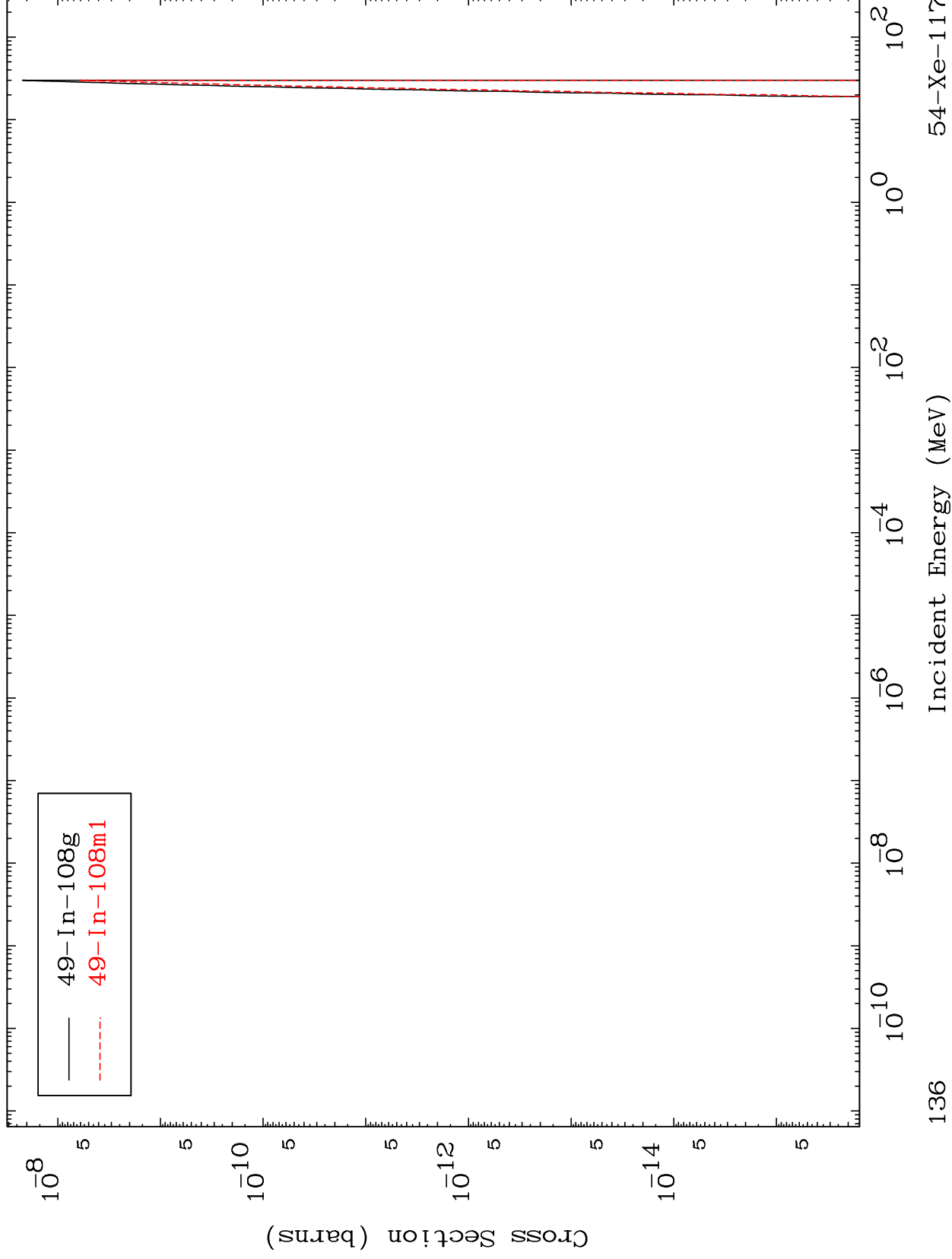
54-Xe-117

MAT 5404

(n,d) 2 α

54-Xe-117

Radionuclide Production Cross Section



136

Incident Energy (MeV)

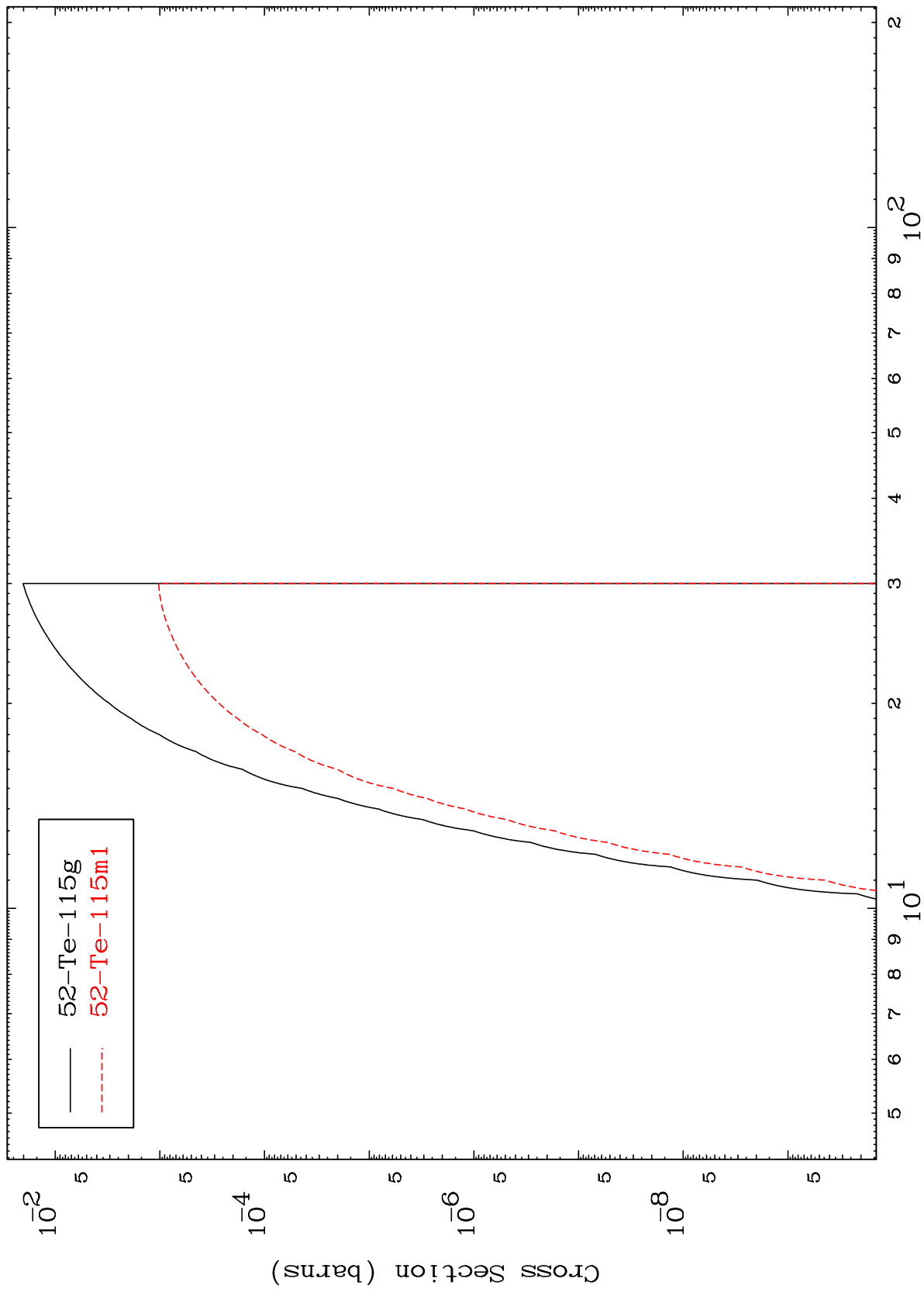
54-Xe-117

MAT 5404

(n,p) d

54-Xe-117

Radionuclide Production Cross Section



52-Te-115g
52-Te-115m1

137

Incident Energy (MeV)

54-Xe-117