

Program EVALPLOT
(Version 2021-1)

by

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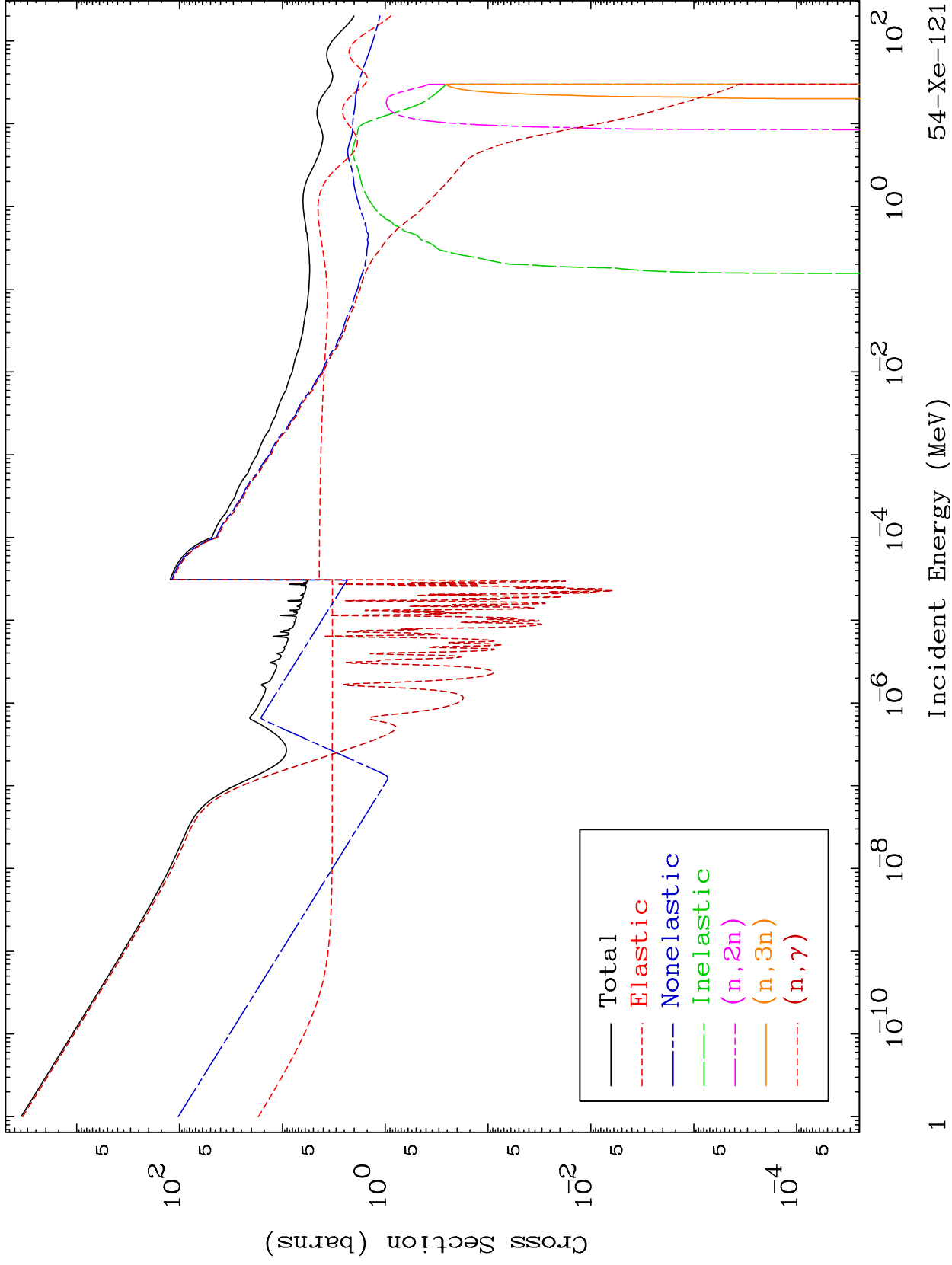
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Press Mouse Button to Start

MAT 5416

Neutron Major
293 Kelvin Cross Sections

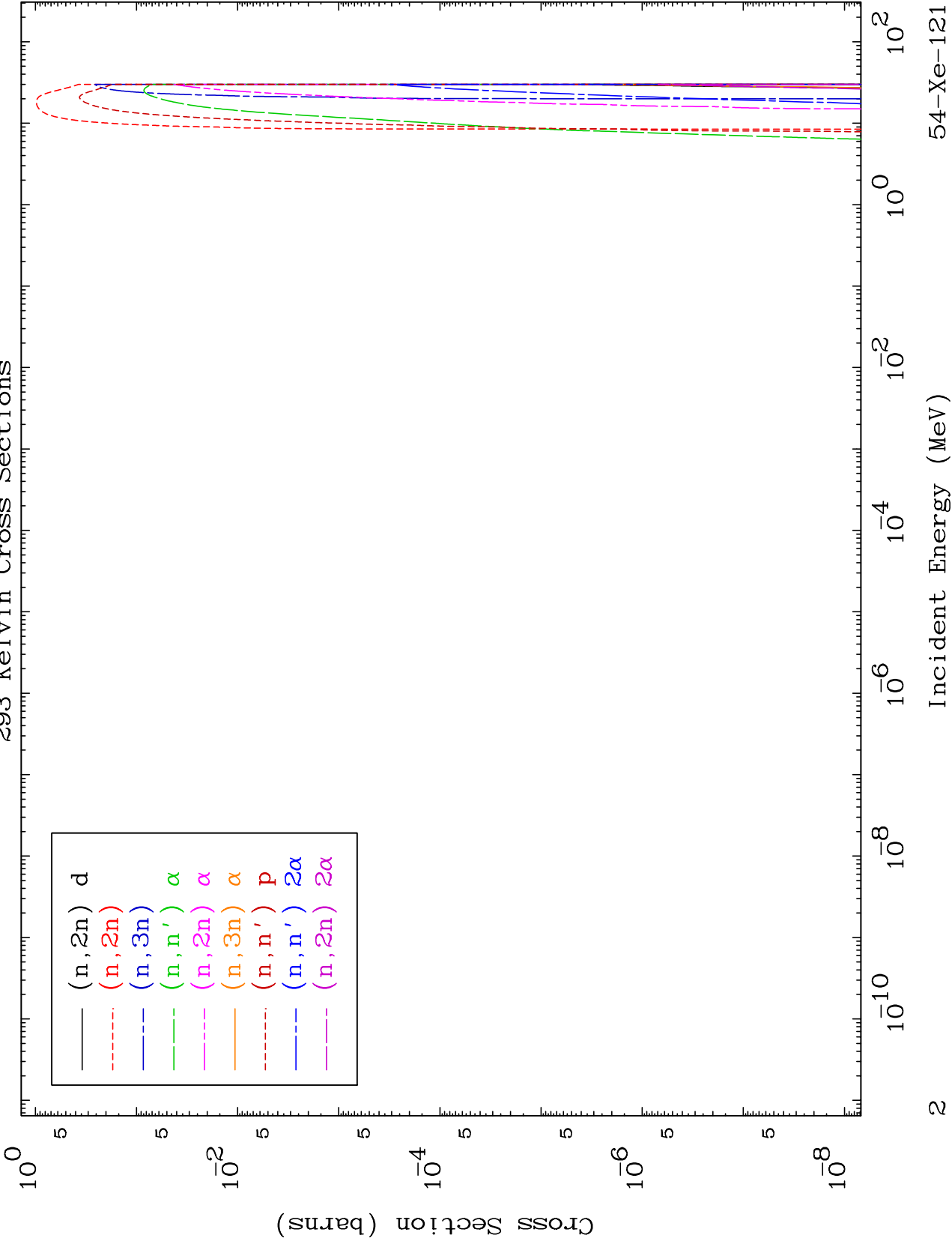
54-Xe-121

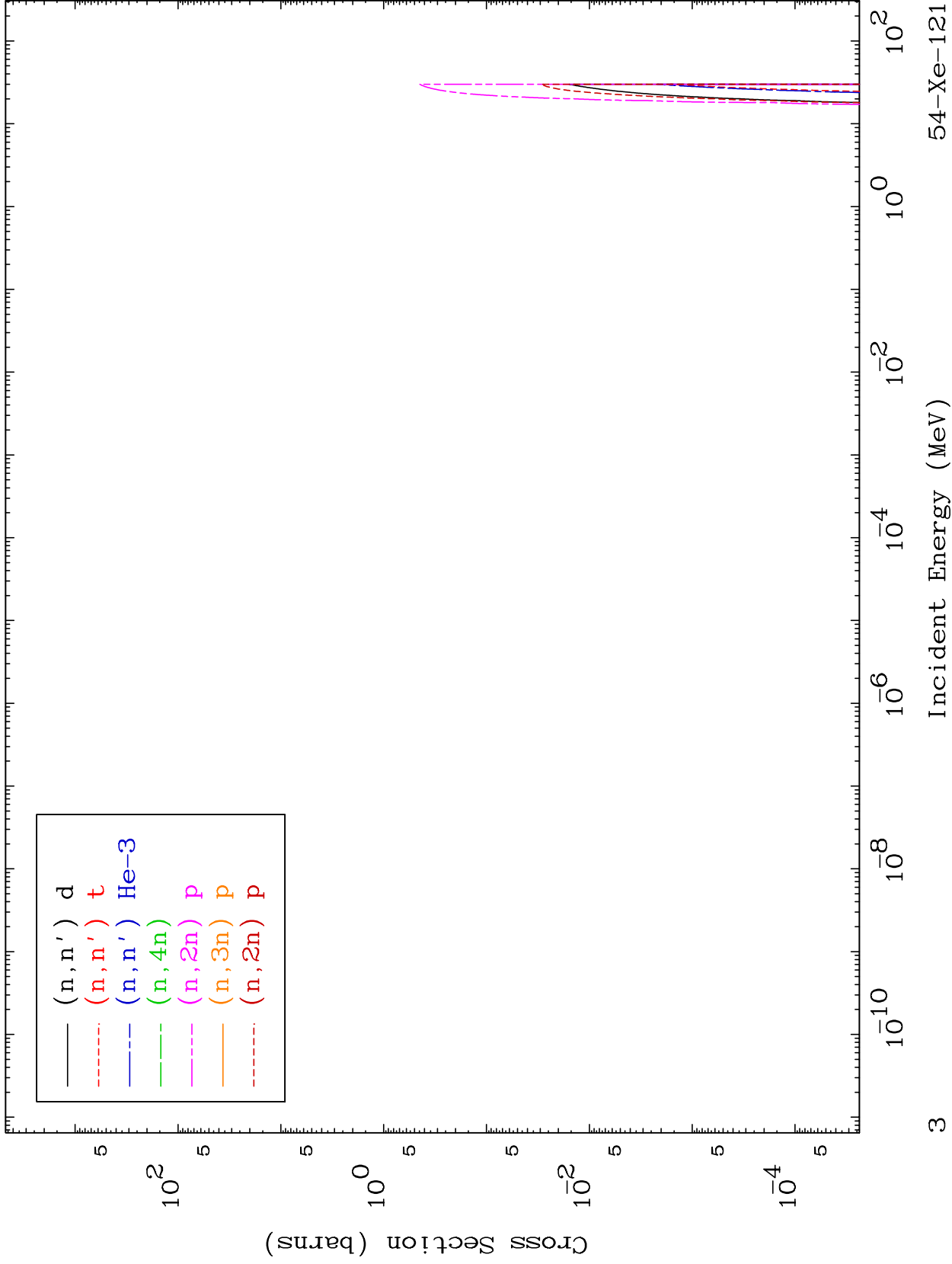


MAT 5416

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-121

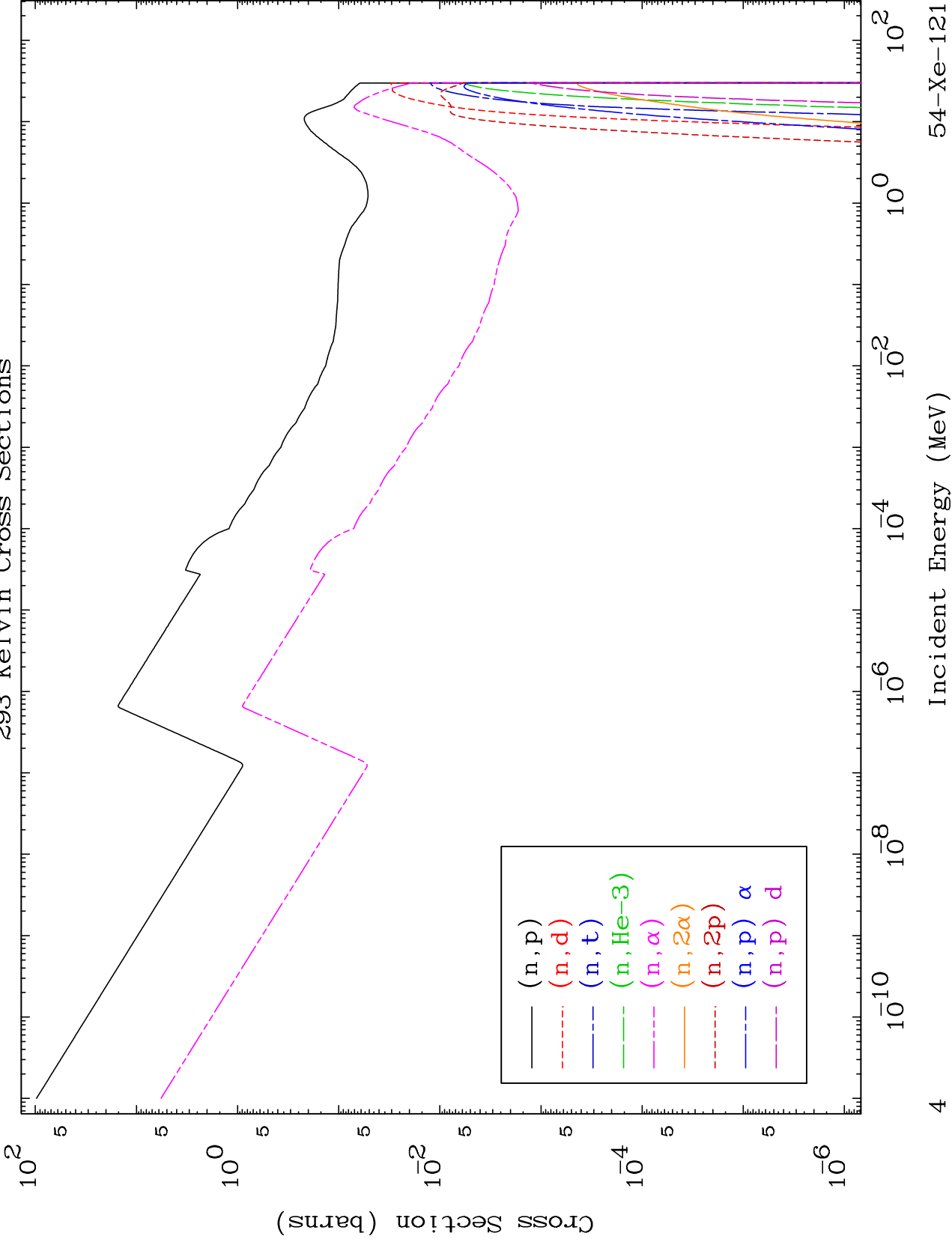




MAT 5416

Neutron Absorption
293 Kelvin Cross Sections

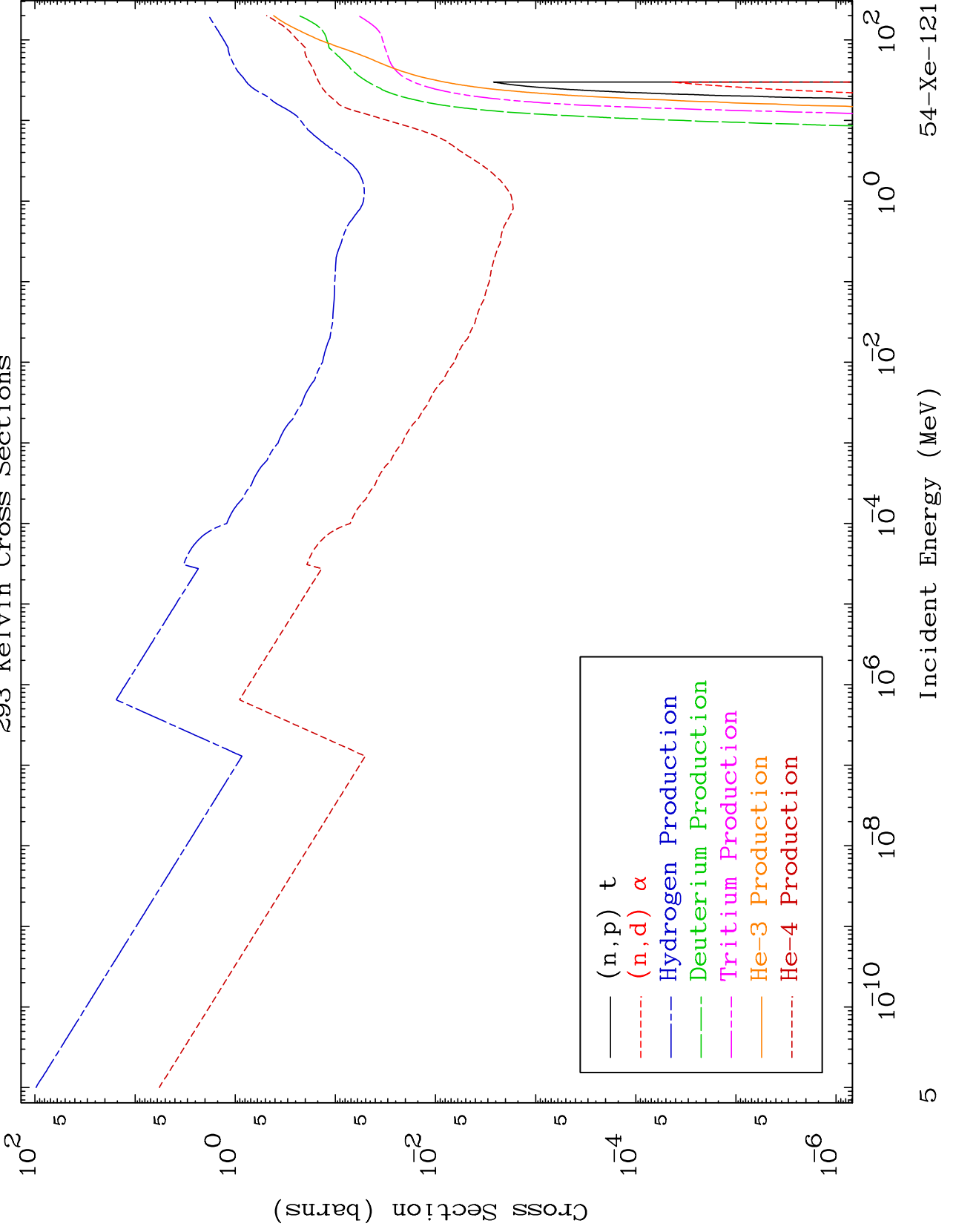
54-Xe-121



MAT 5416

Neutron Absorption
293 Kelvin Cross Sections

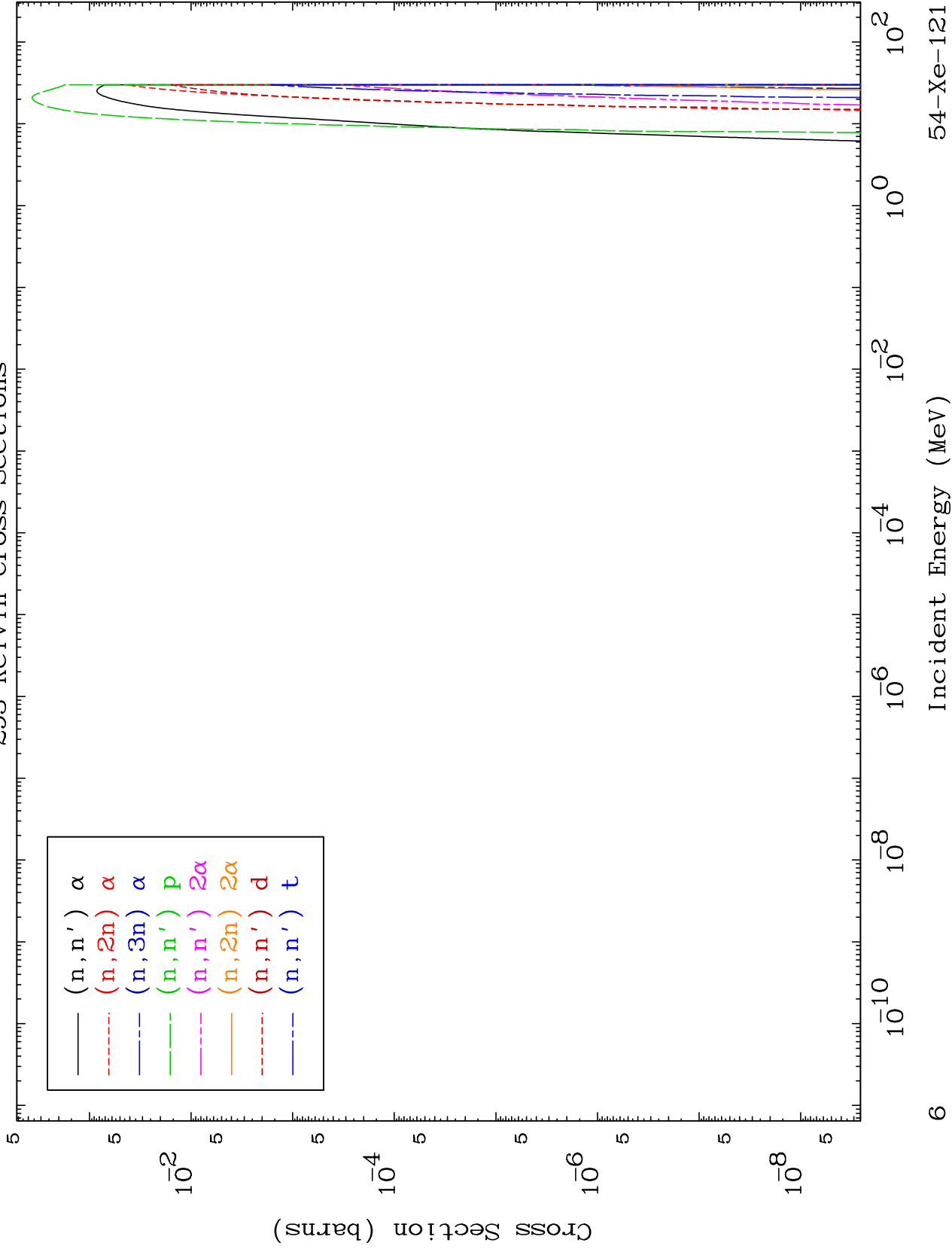
54-Xe-121



MAT 5416

Charged Particle
293 Kelvin Cross Sections

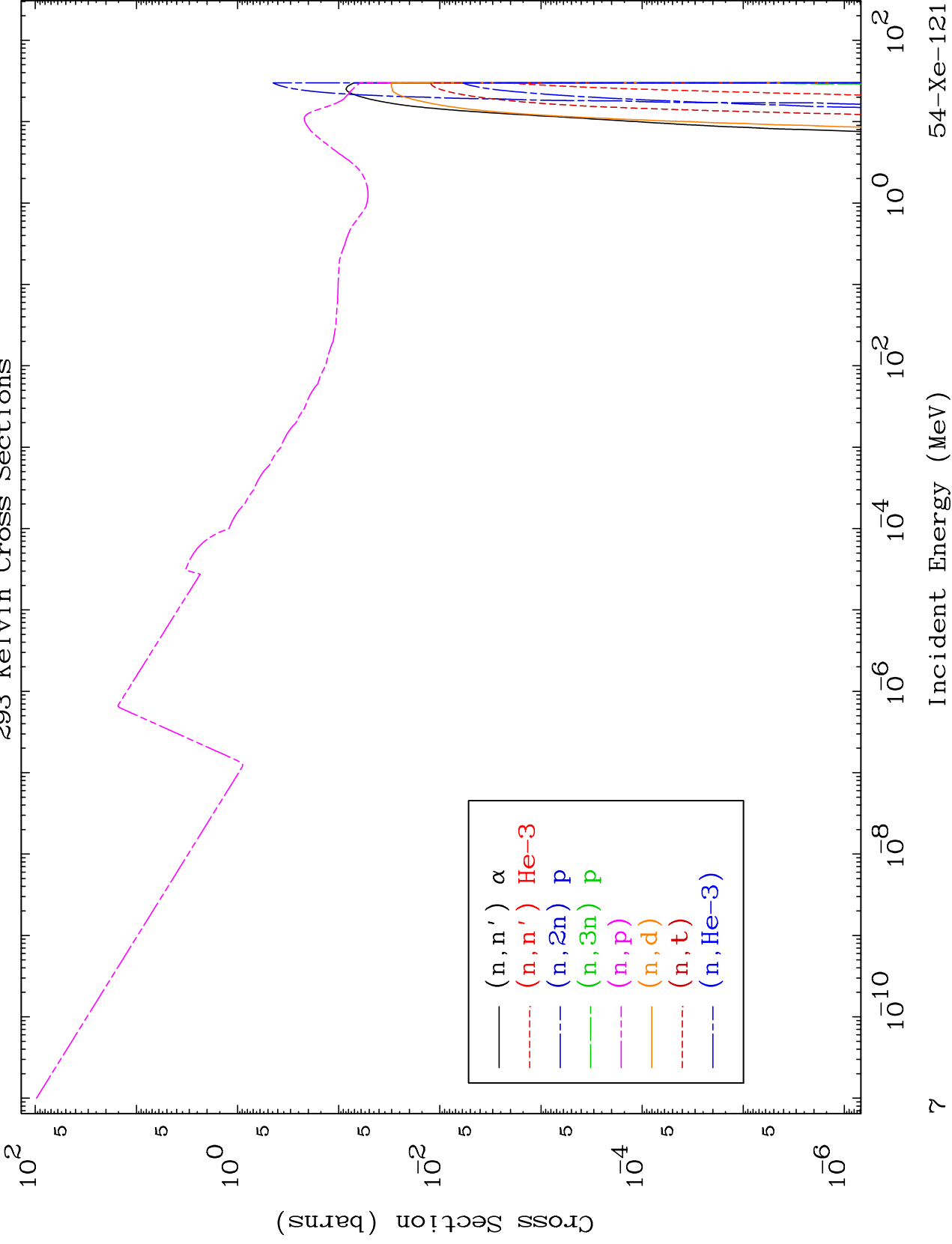
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MAT 5416

Charged Particle
293 Kelvin Cross Sections

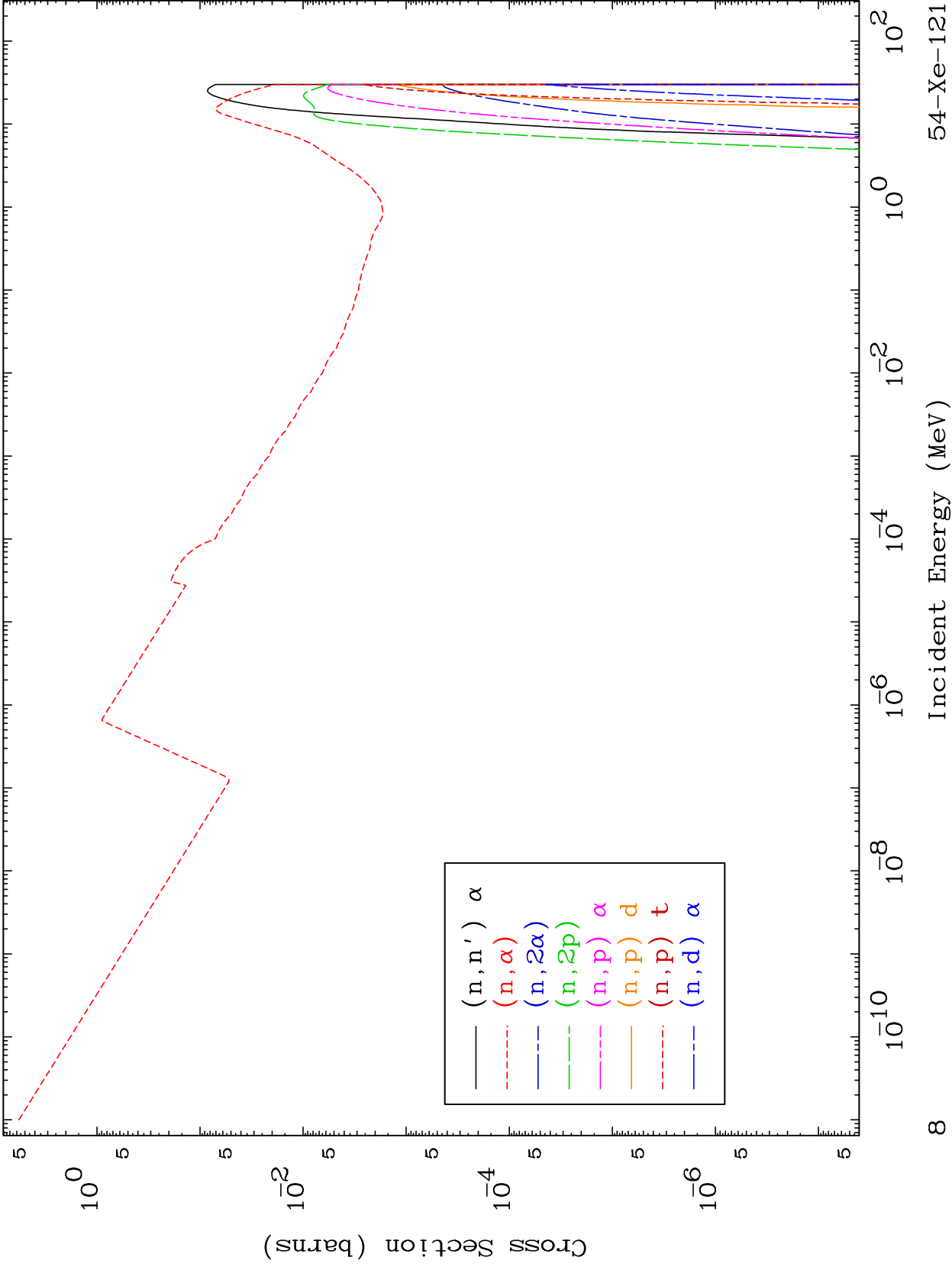
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MAT 5416

Charged Particle
293 Kelvin Cross Sections

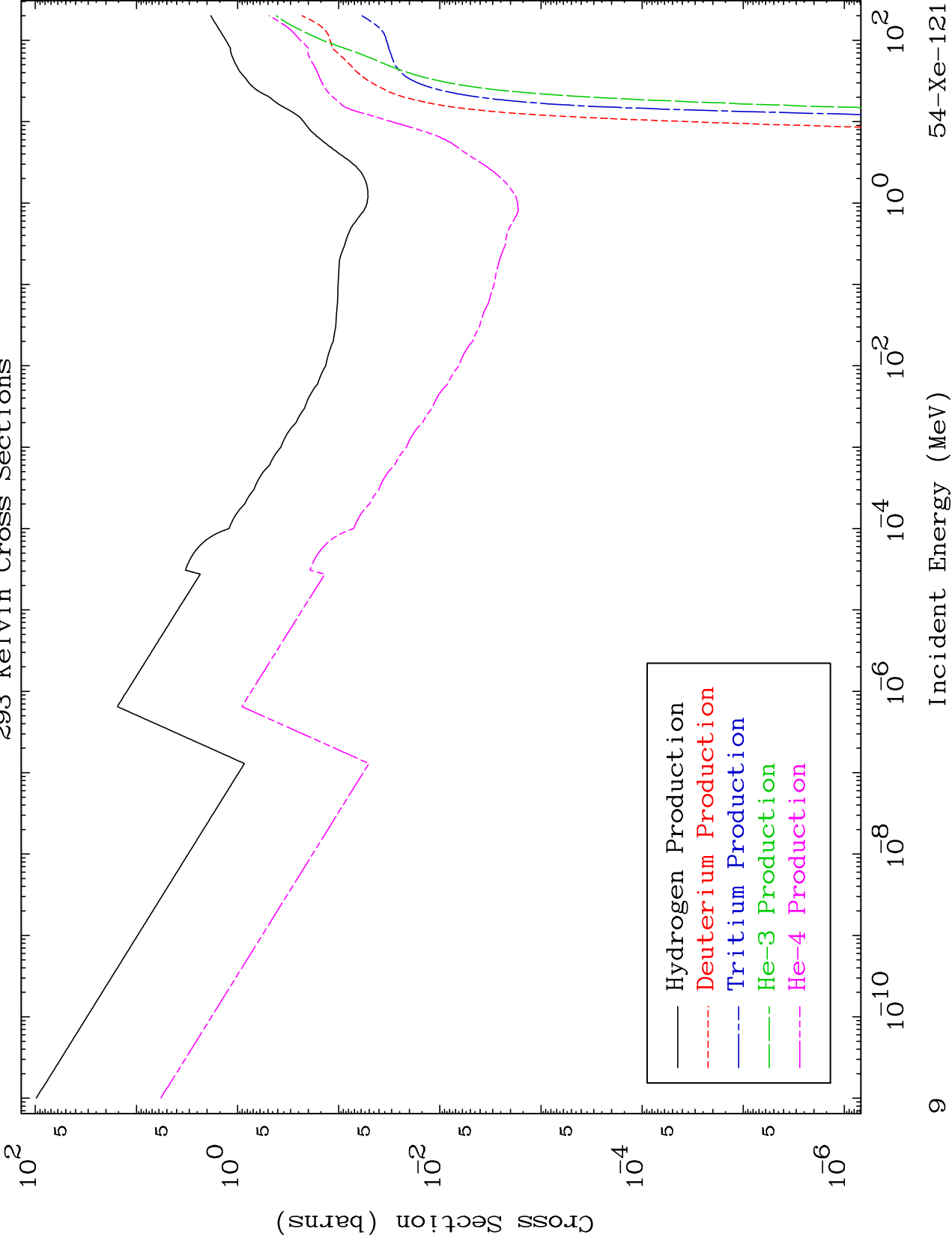
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MAT 5416

Particle Production
293 Kelvin Cross Sections

54-Xe-121

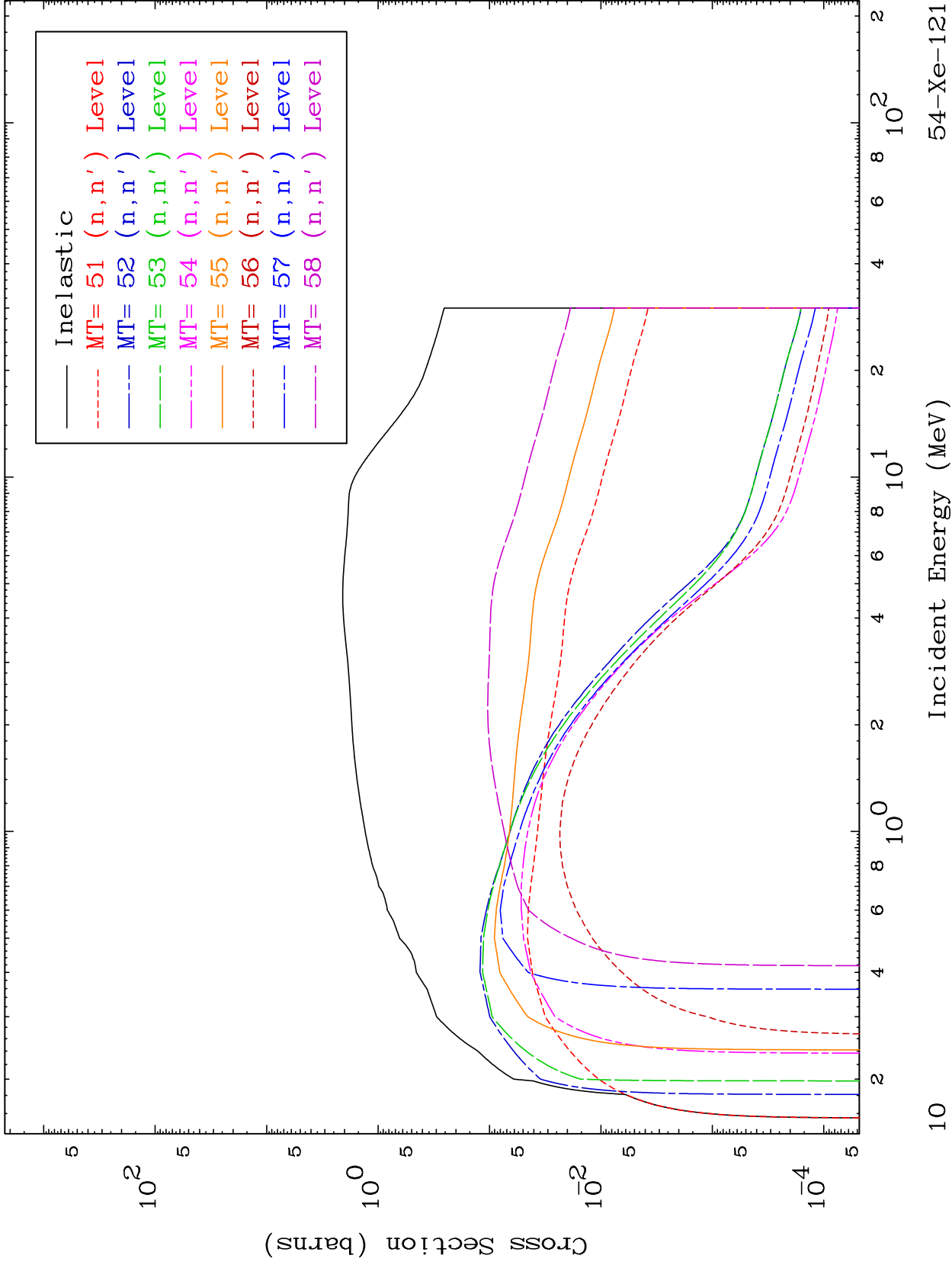


MAT 5416

(n,n') Levels

54-Xe-121

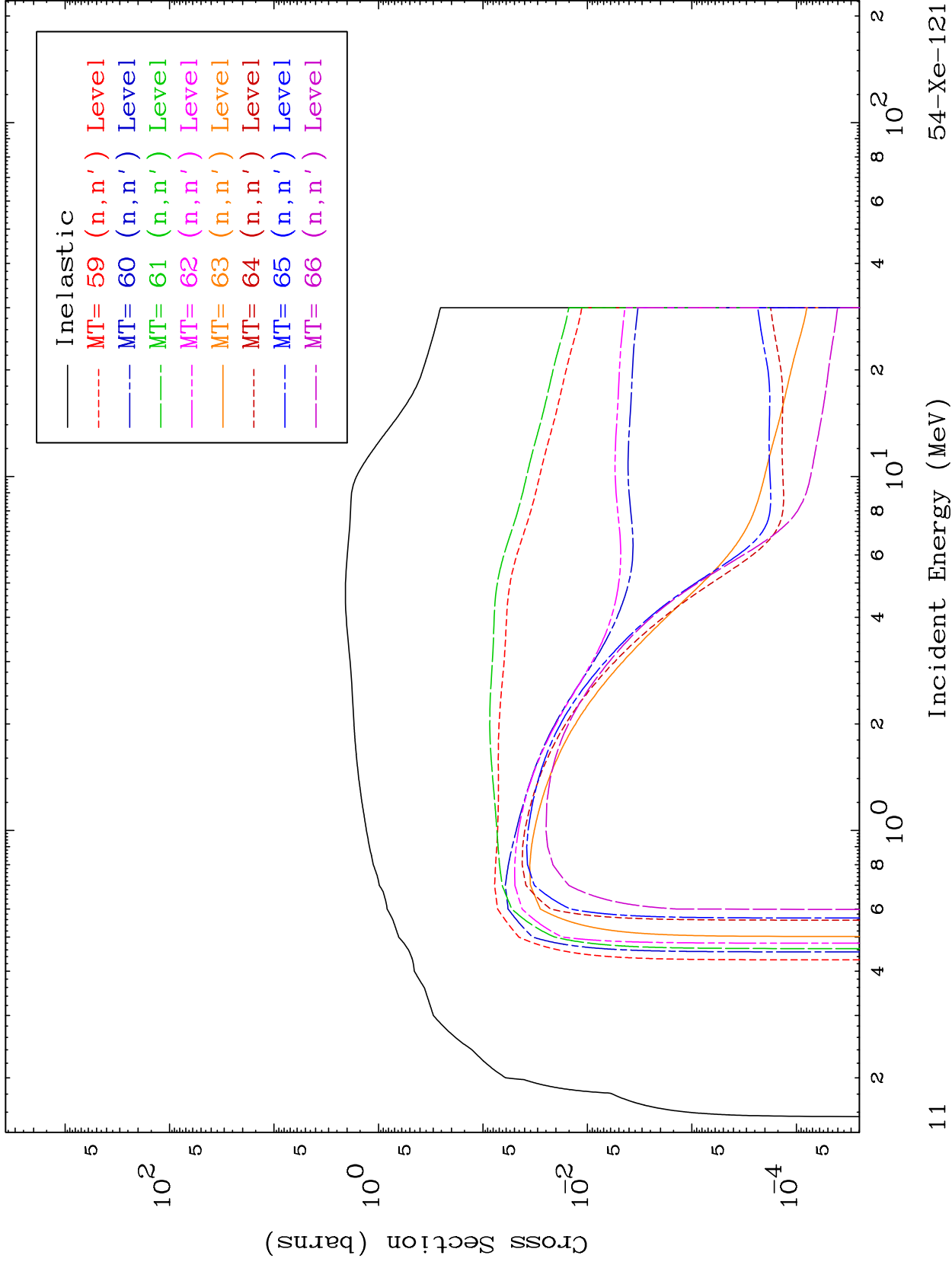
293 Kelvin Cross Sections

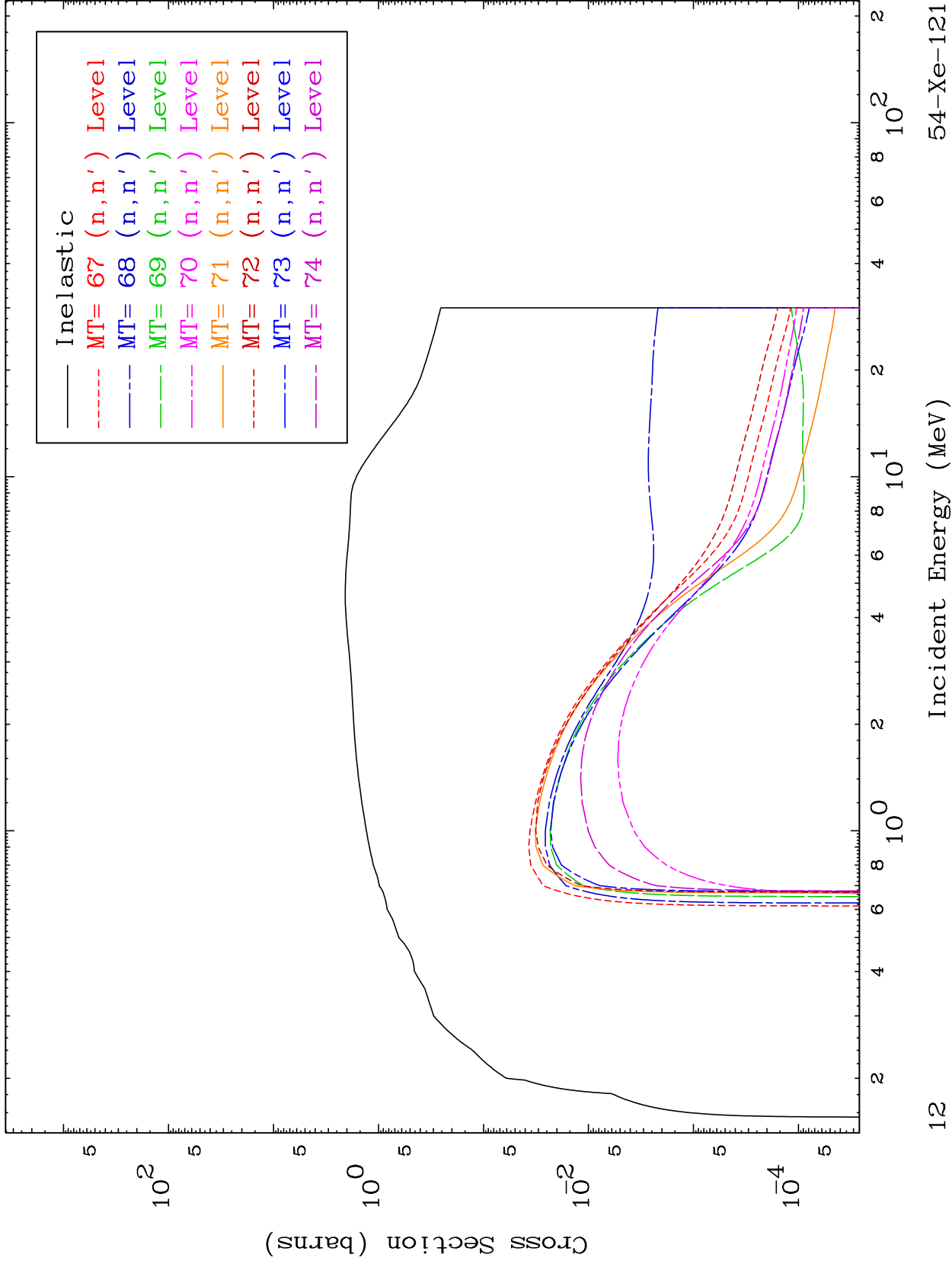


54-Xe-121

Incident Energy (MeV)

10



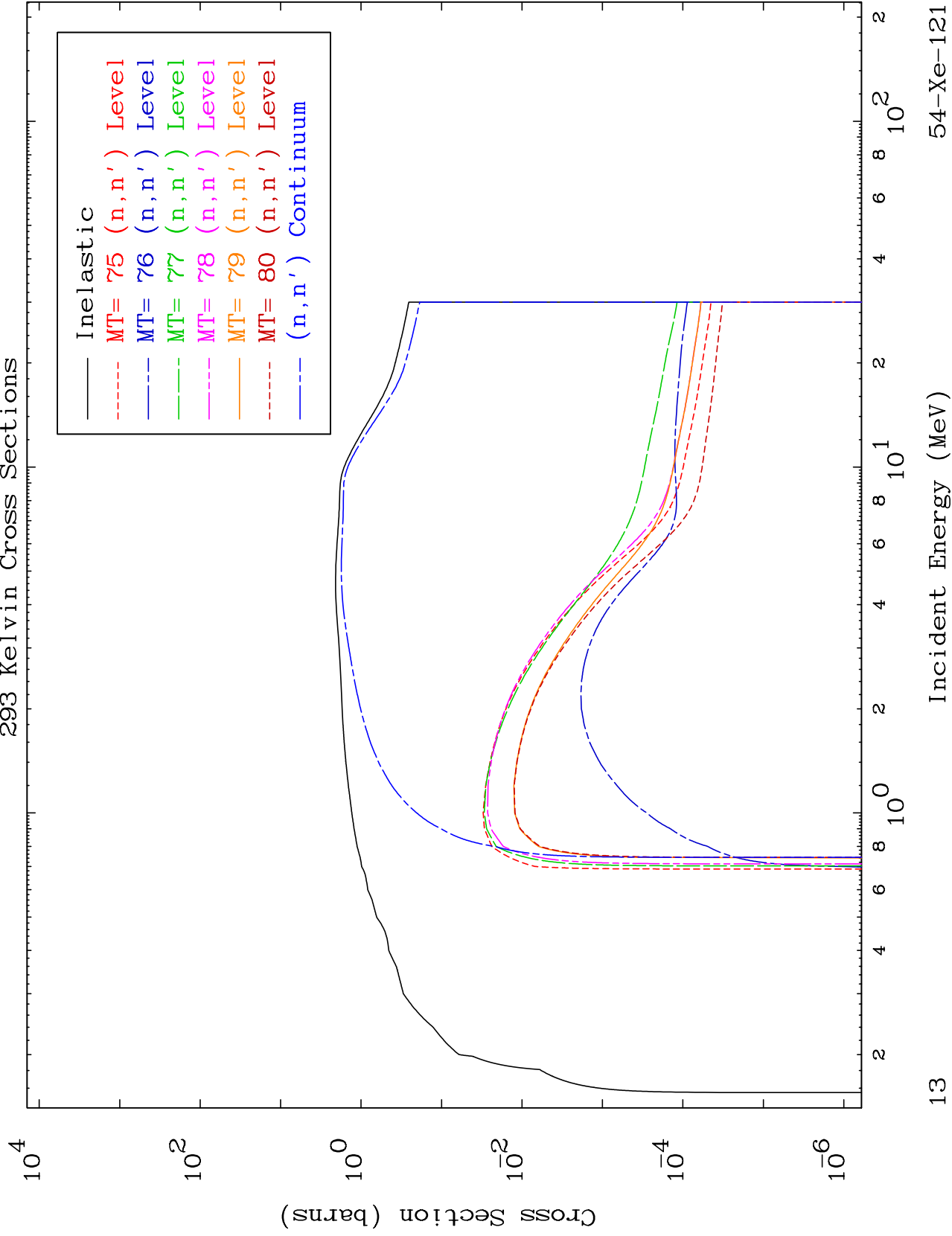


MAT 5416

(n,n') Levels

54-Xe-121

293 Kelvin Cross Sections



13

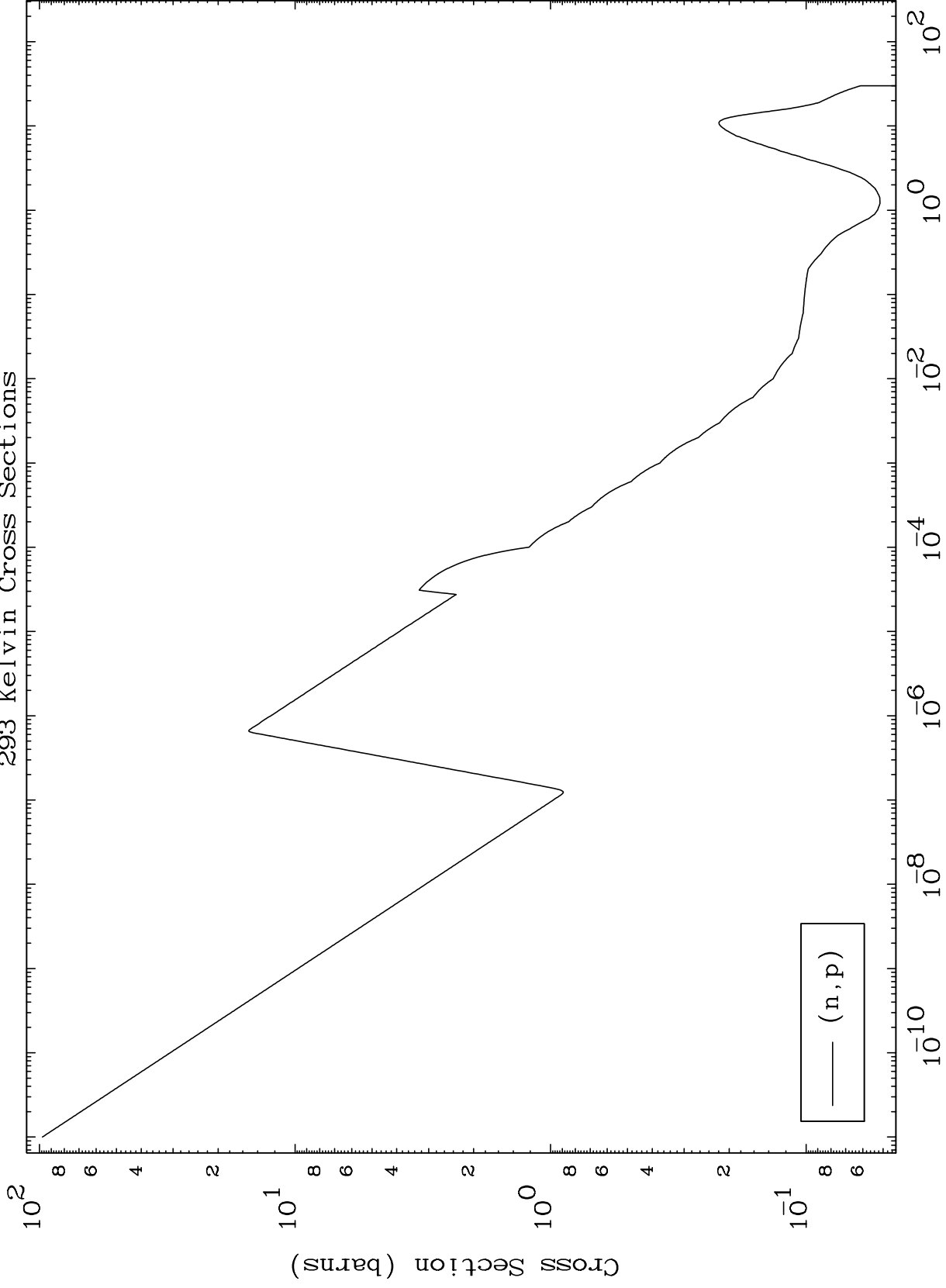
Incident Energy (MeV)

54-Xe-121

MAT 5416

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-121



14

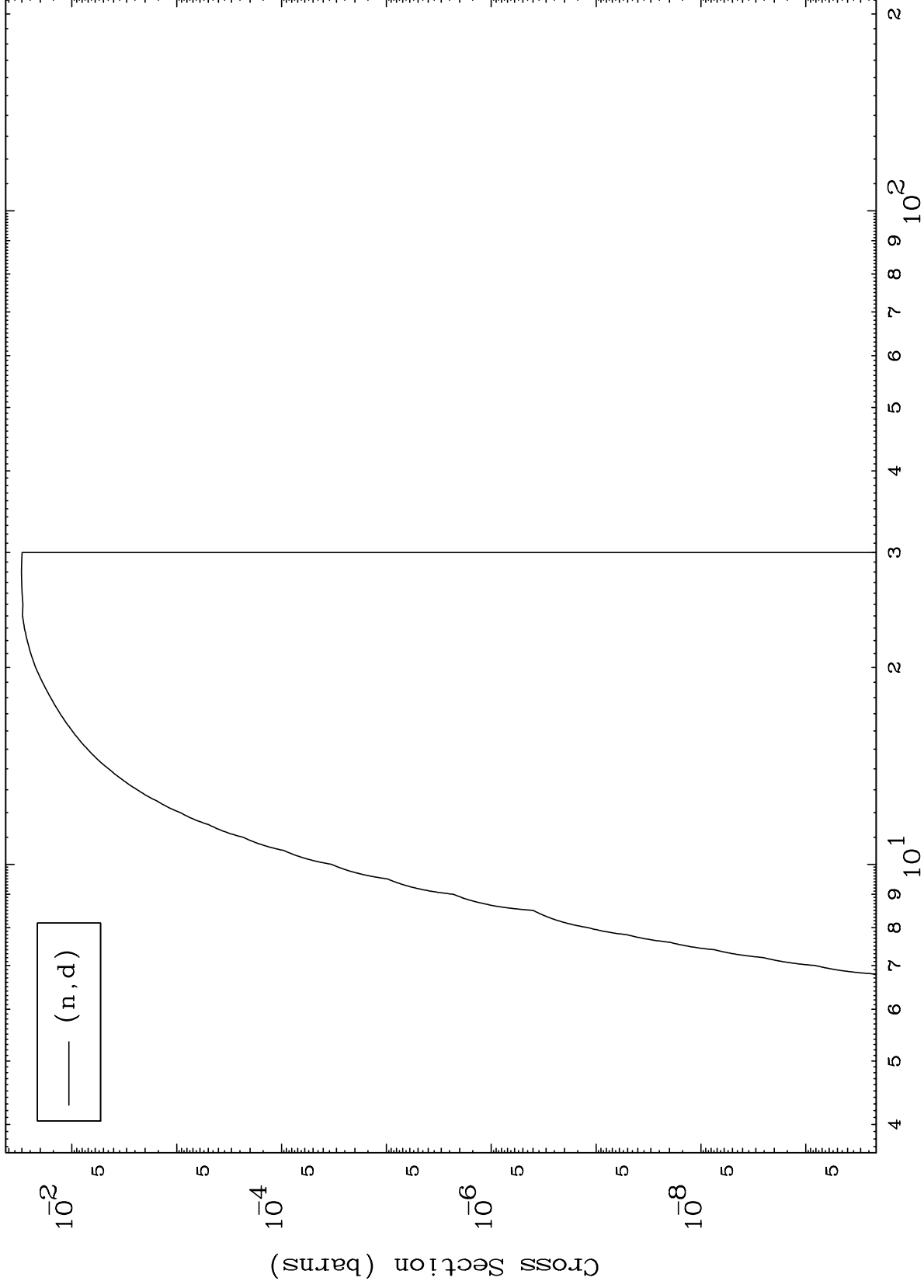
Incident Energy (MeV)

54-Xe-121

MAT 5416

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-121



15

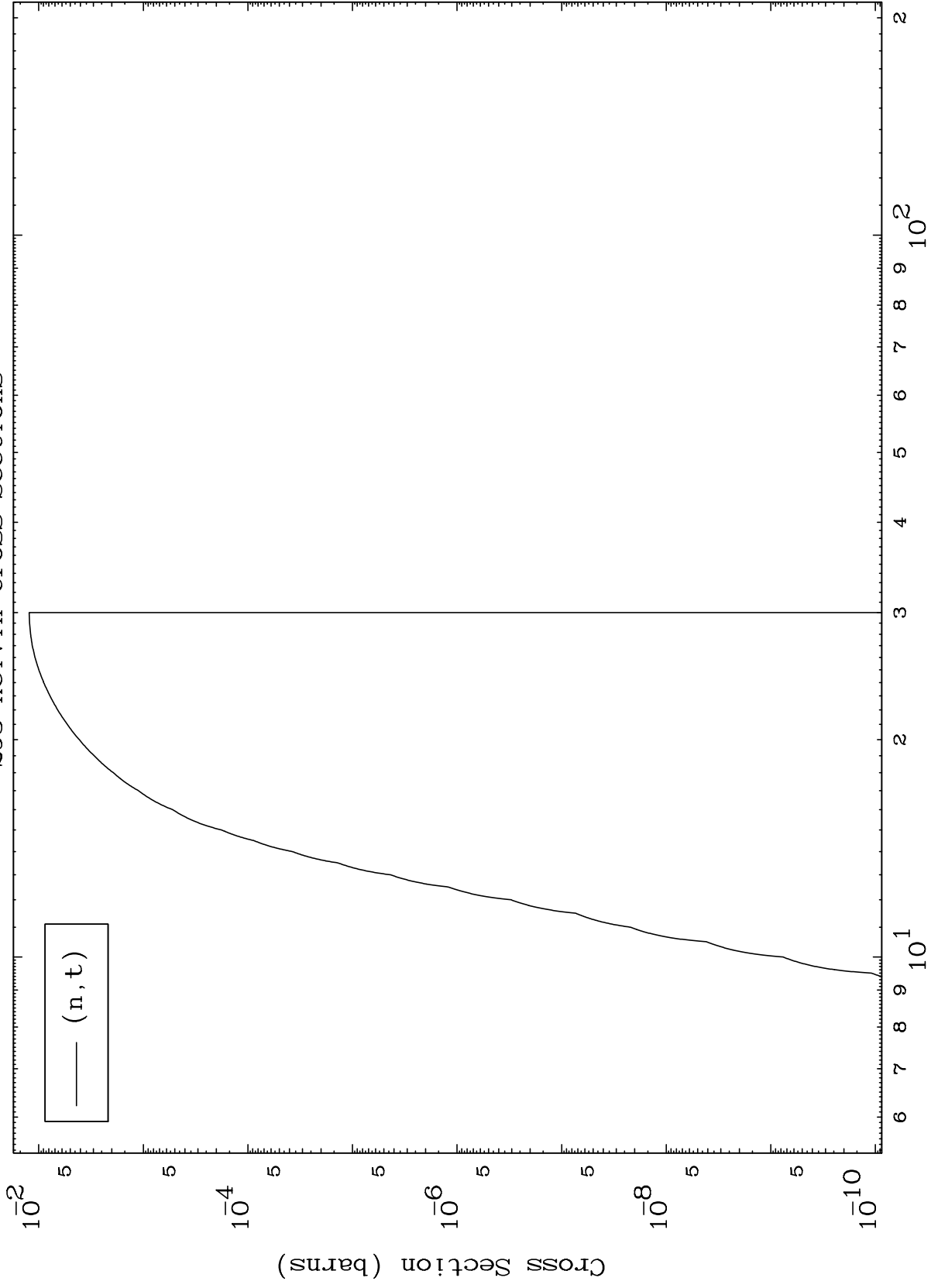
Incident Energy (MeV)

54-Xe-121

MAT 5416

(n,t) Levels
293 Kelvin Cross Sections

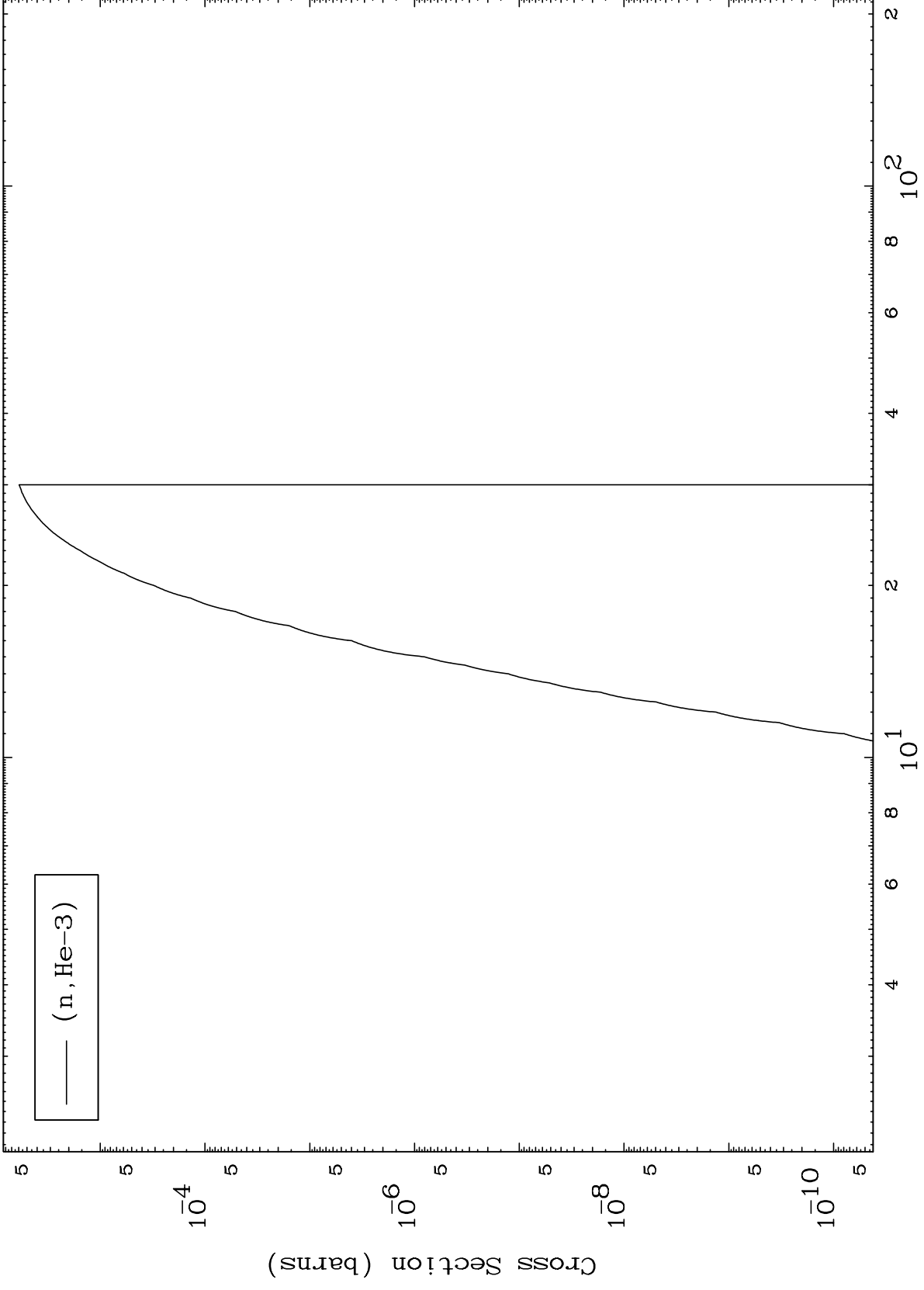
54-Xe-121



16

Incident Energy (MeV)

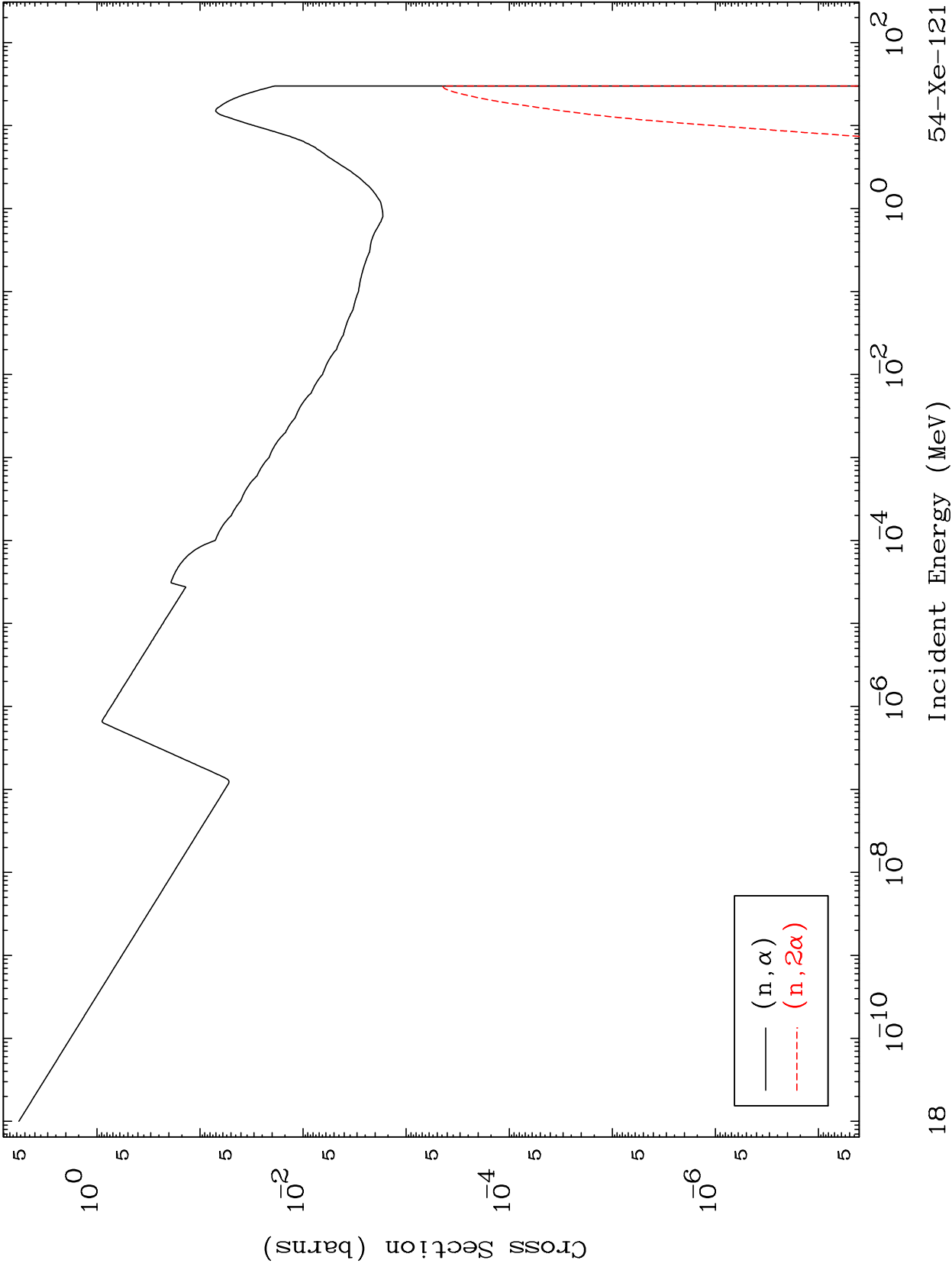
54-Xe-121



MAT 5416

(n,α) Levels
293 Kelvin Cross Sections

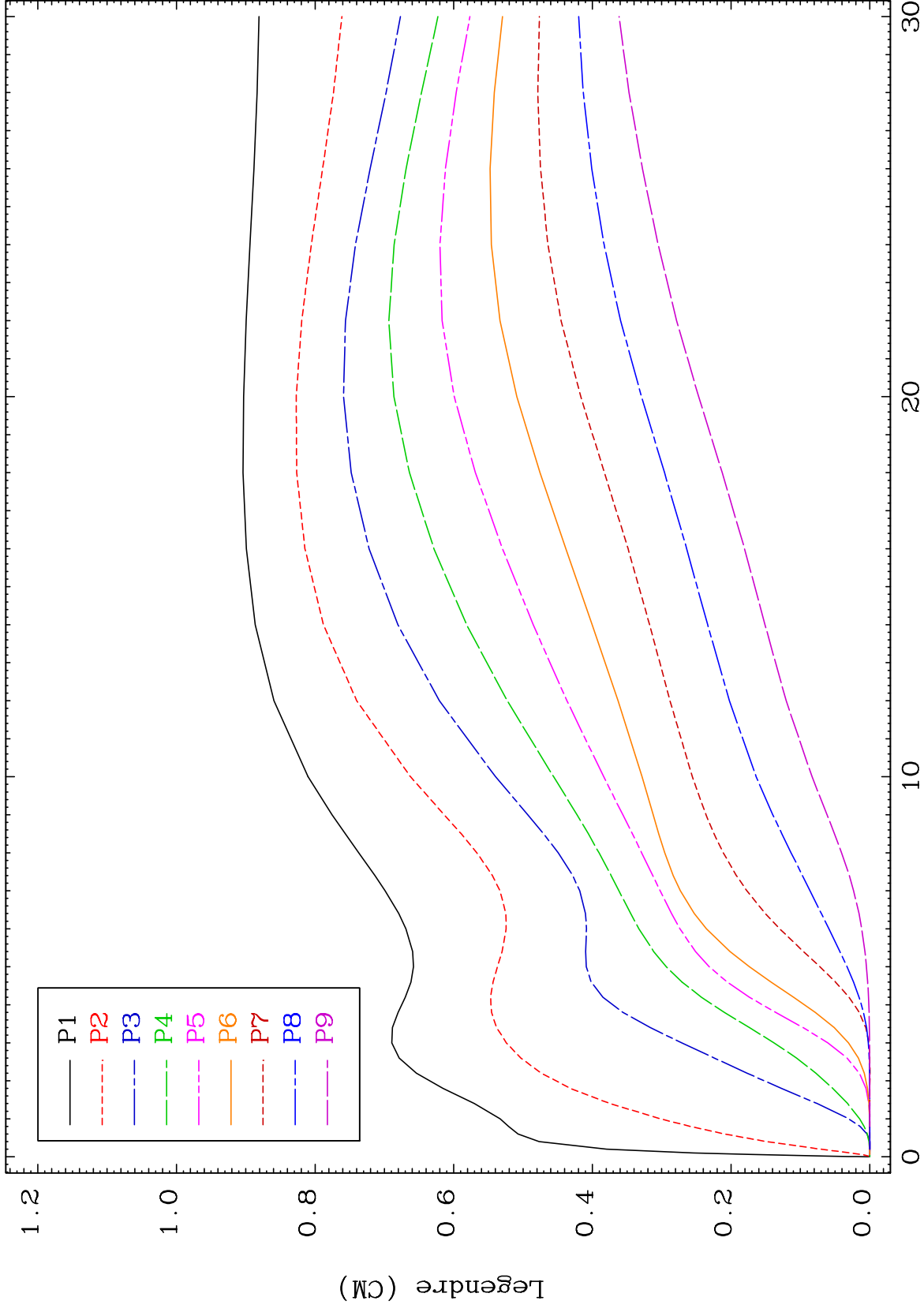
54-Xe-121



MAT 5416

Elastic Legendre Coefficients

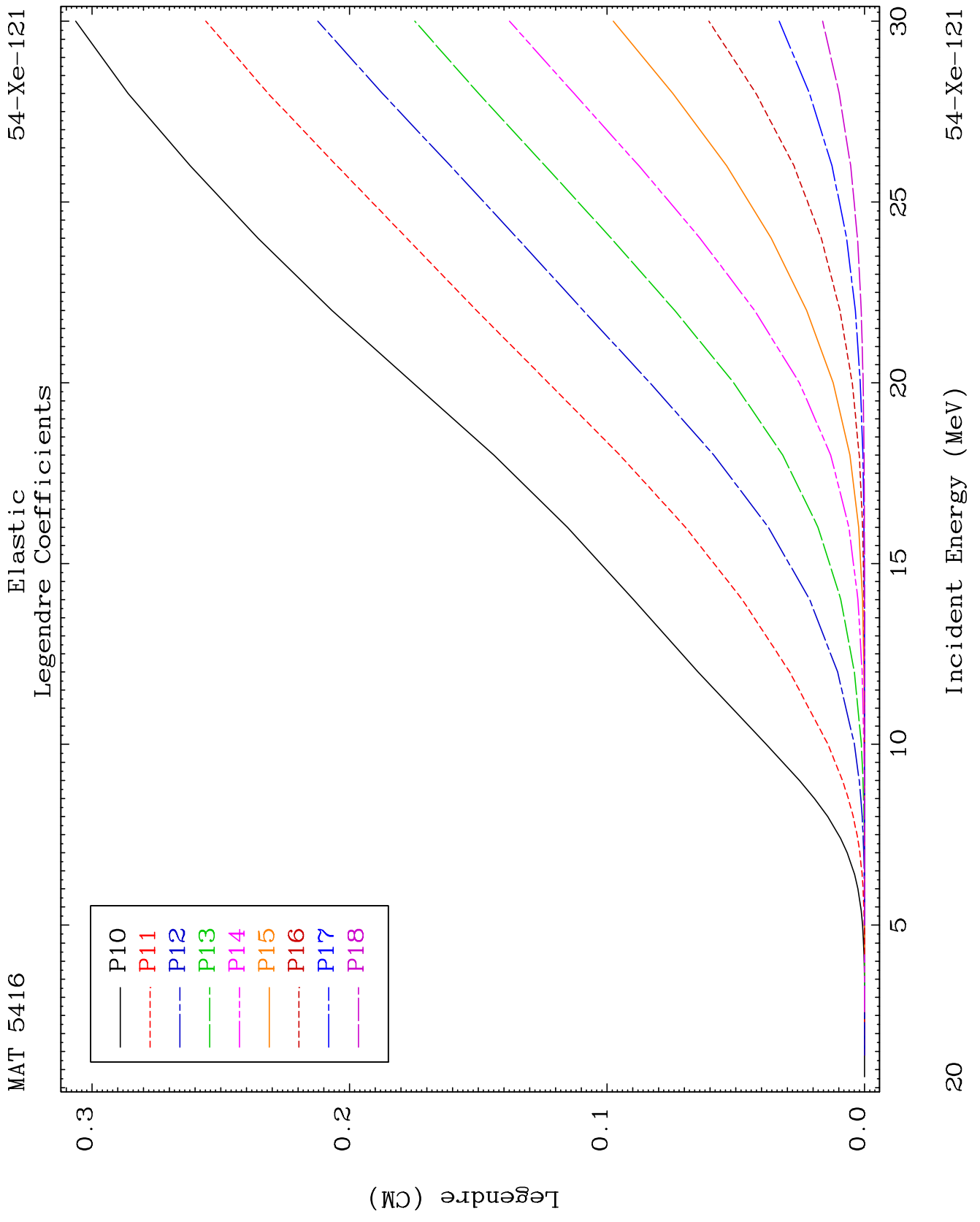
54-Xe-121



19

Incident Energy (MeV)

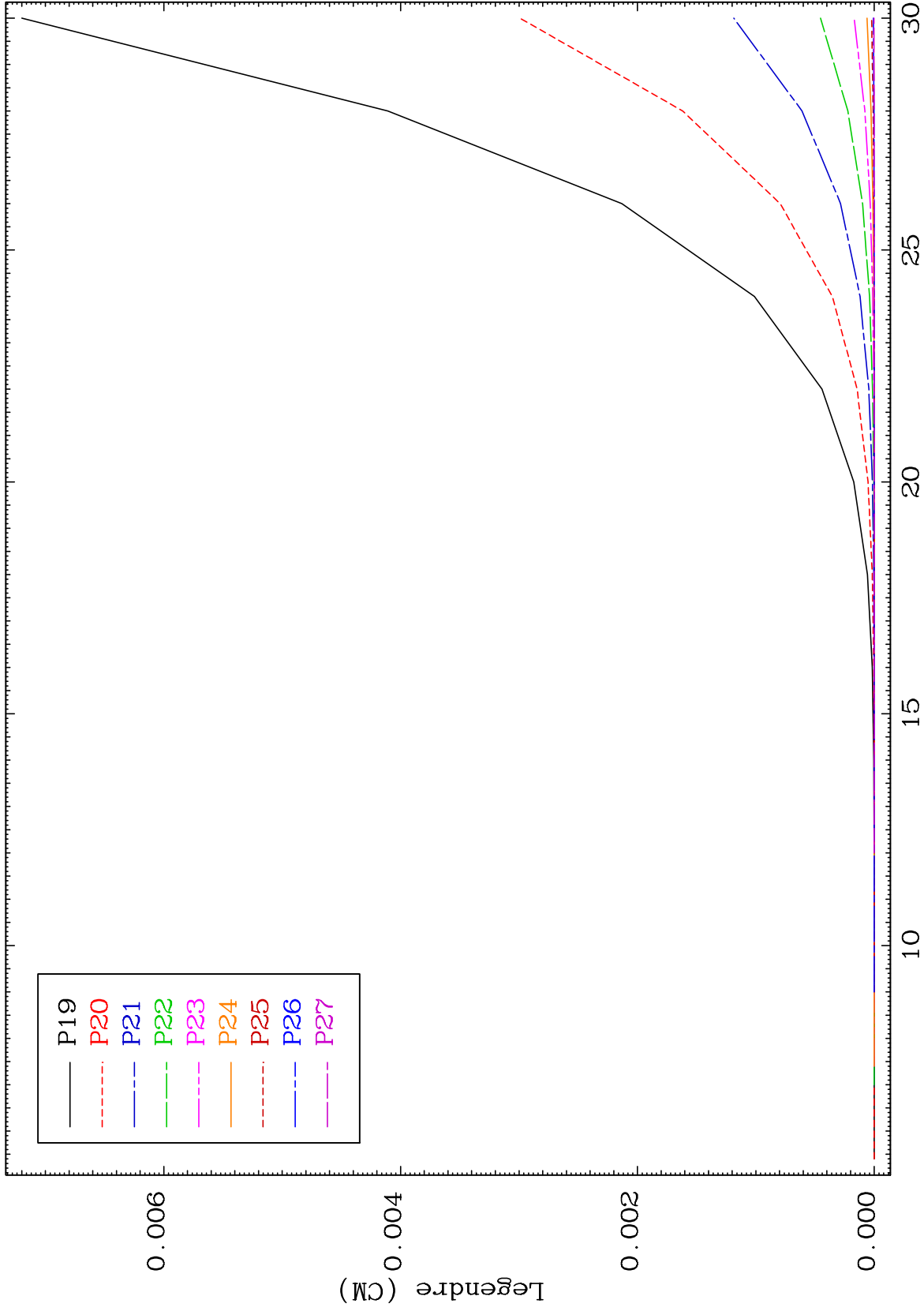
54-Xe-121



MAT 5416

Elastic Legendre Coefficients

54-Xe-121



21

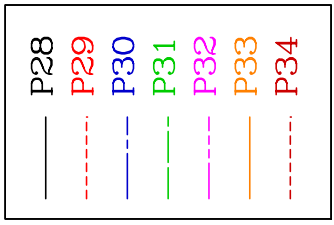
Incident Energy (MeV)

54-Xe-121

MAT 5416

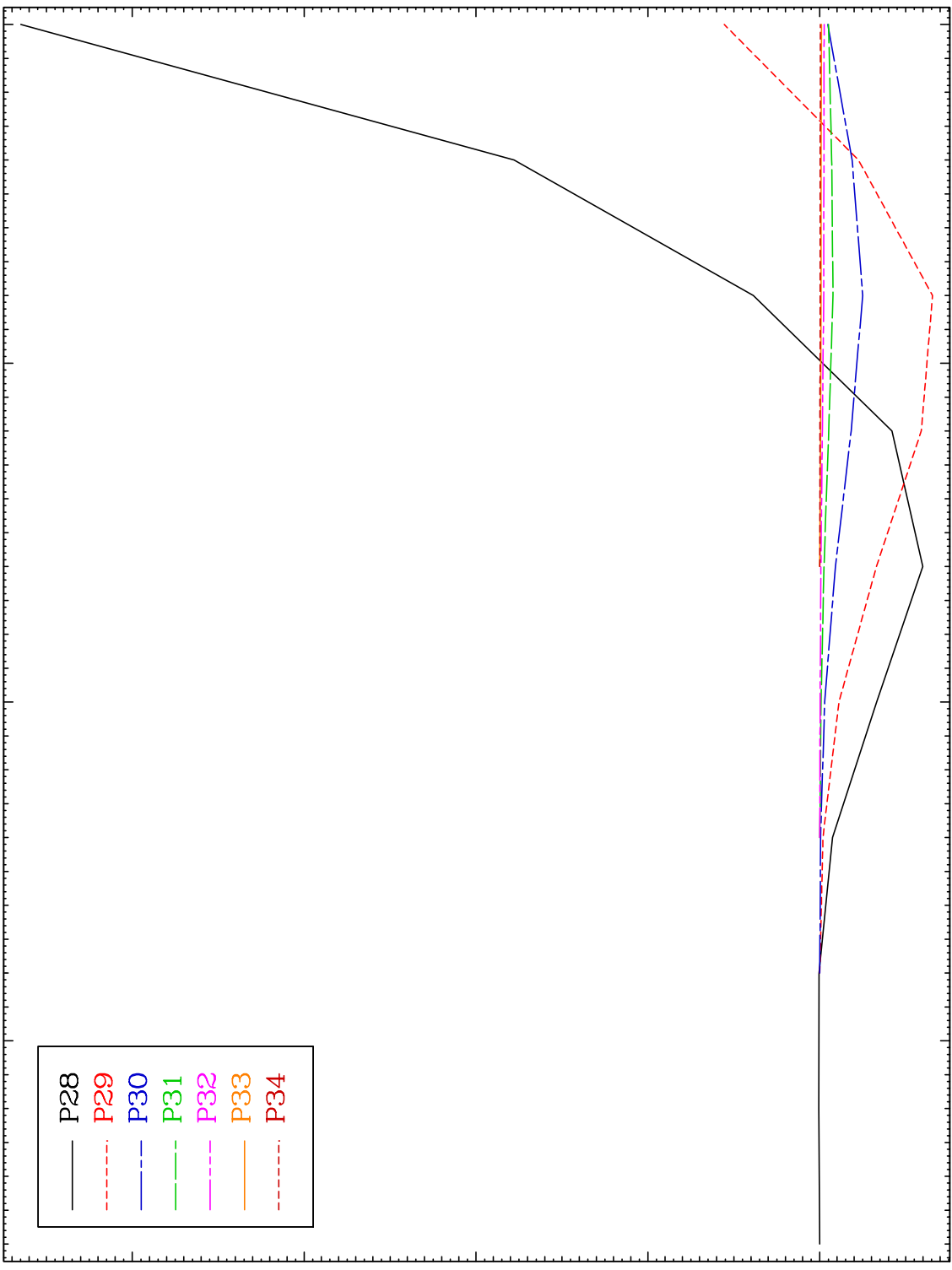
Elastic Legendre Coefficients

54-Xe-121



$\times 10^{-7}$

Legendre (CM)



22

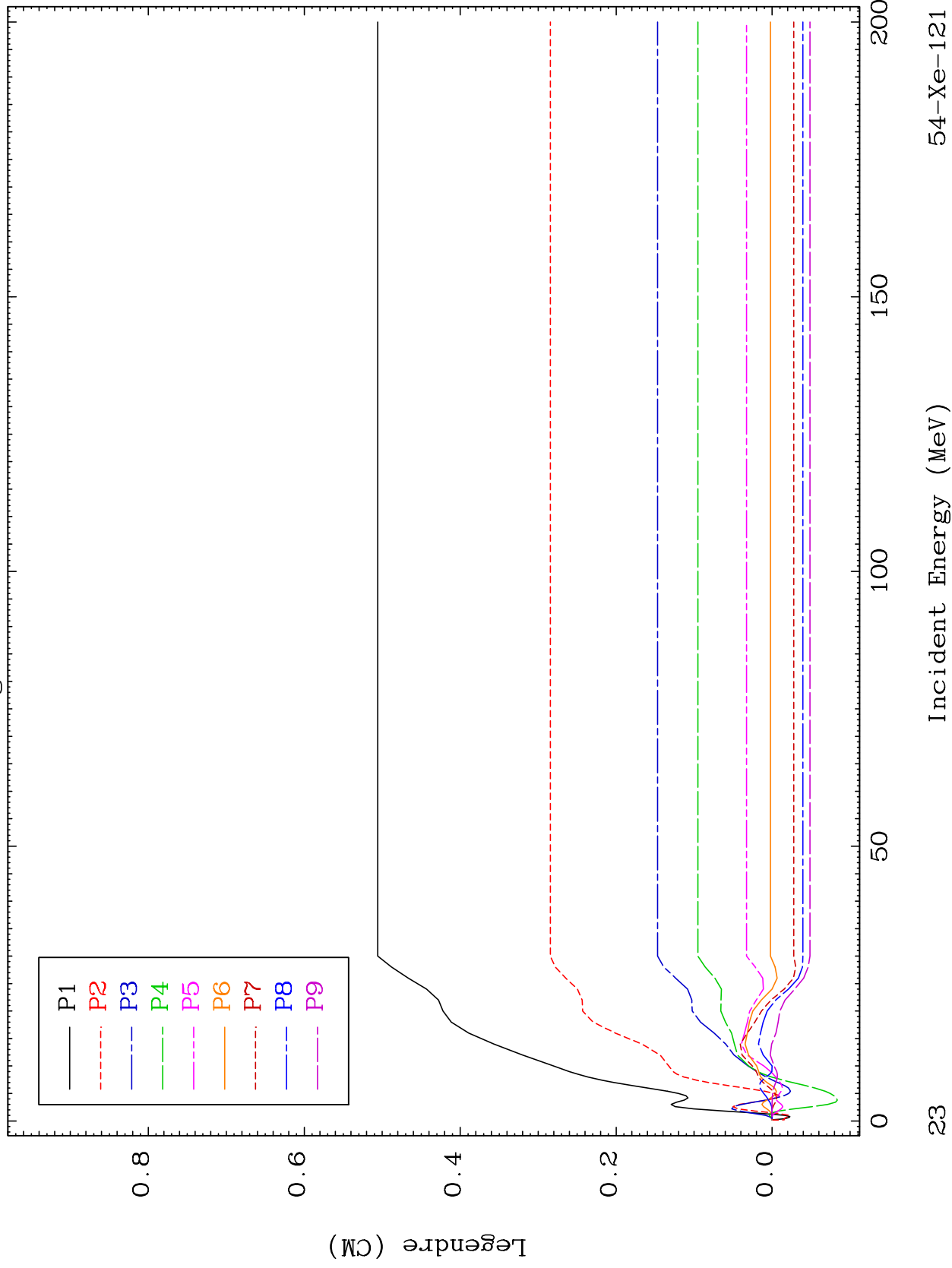
Incident Energy (MeV)

54-Xe-121

MAT 5416

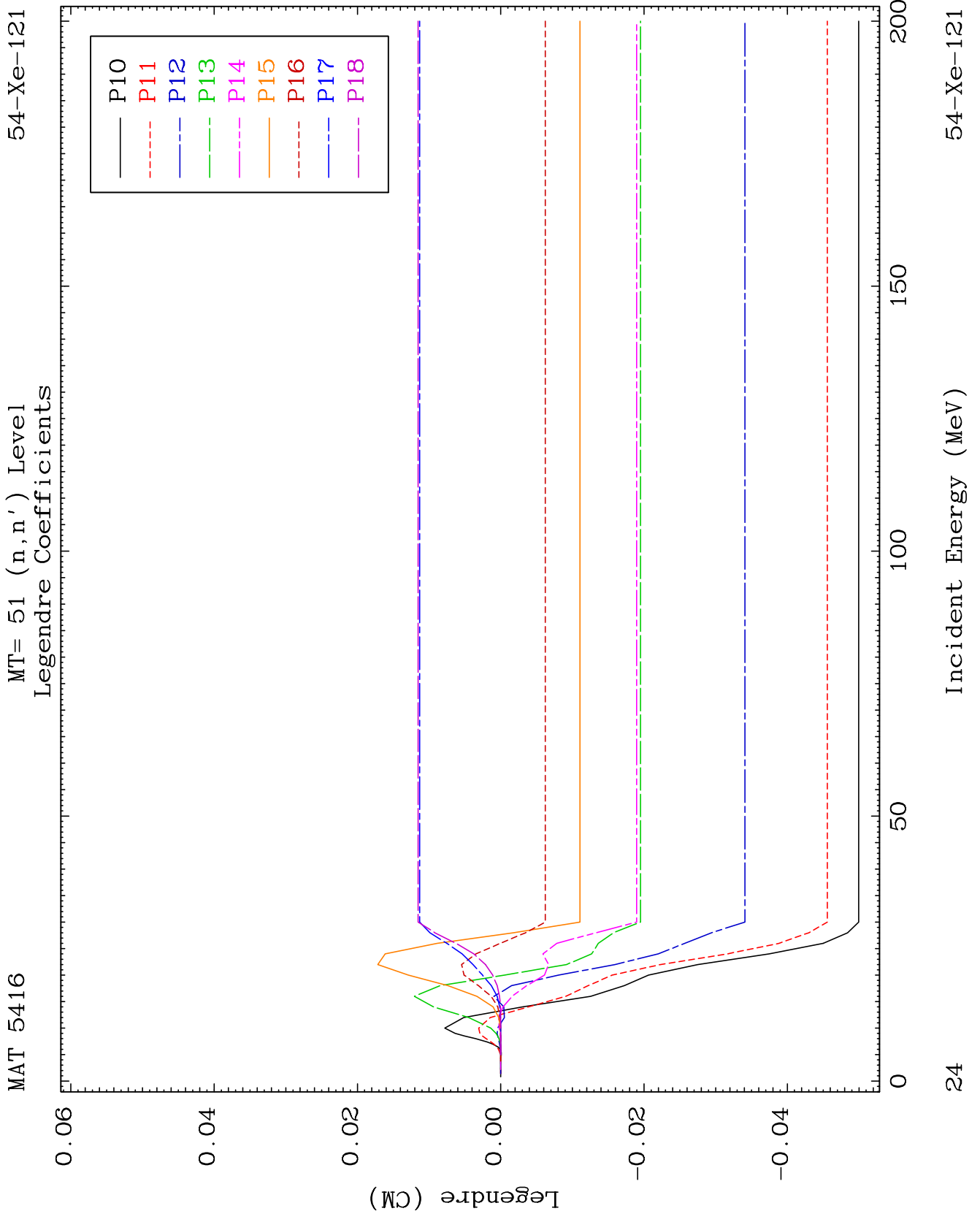
MT= 51 (n,n') Level
Legendre Coefficients

54-Xe-121



23

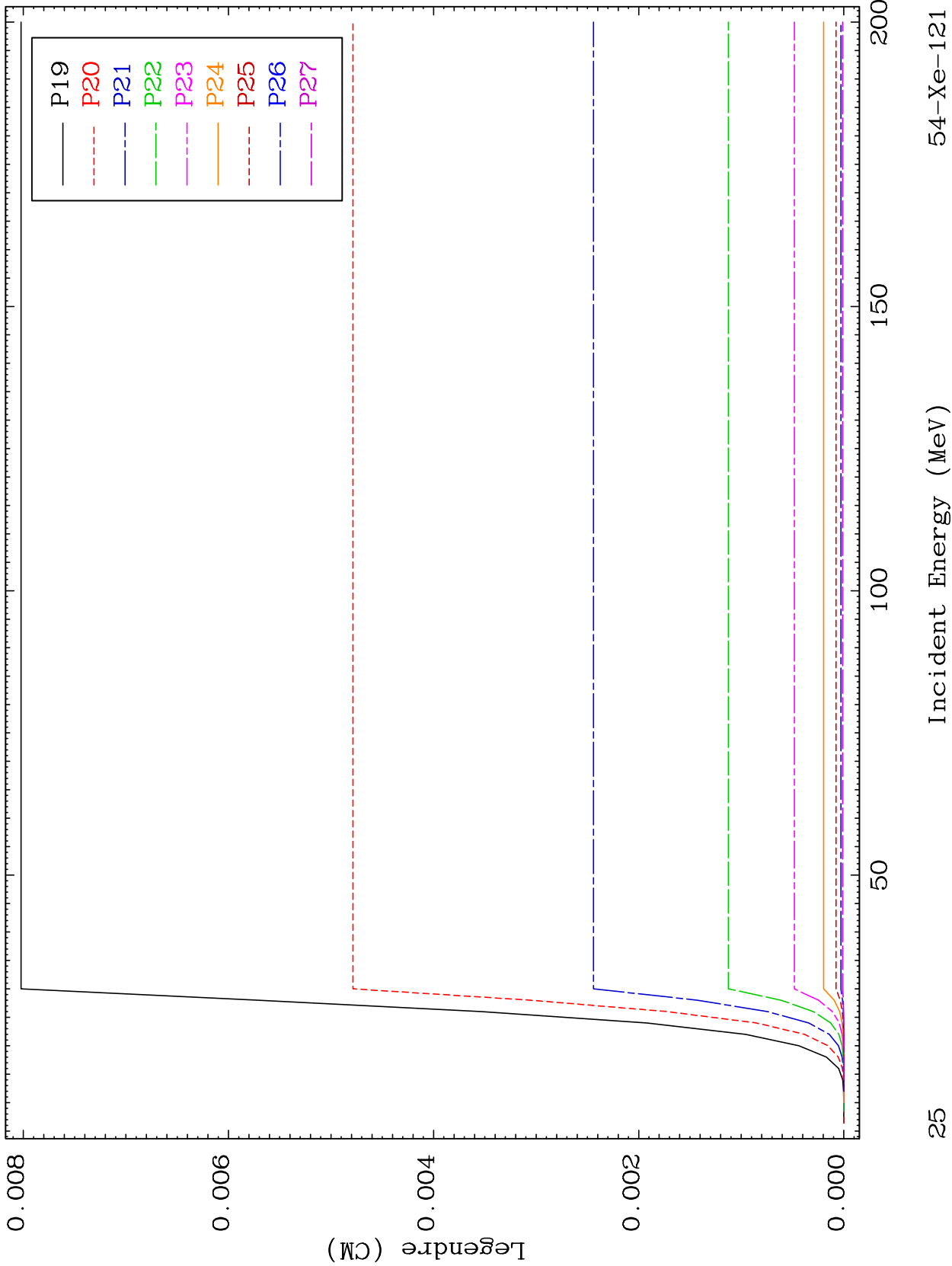
54-Xe-121



MAT 5416

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

54-Xe-121



25

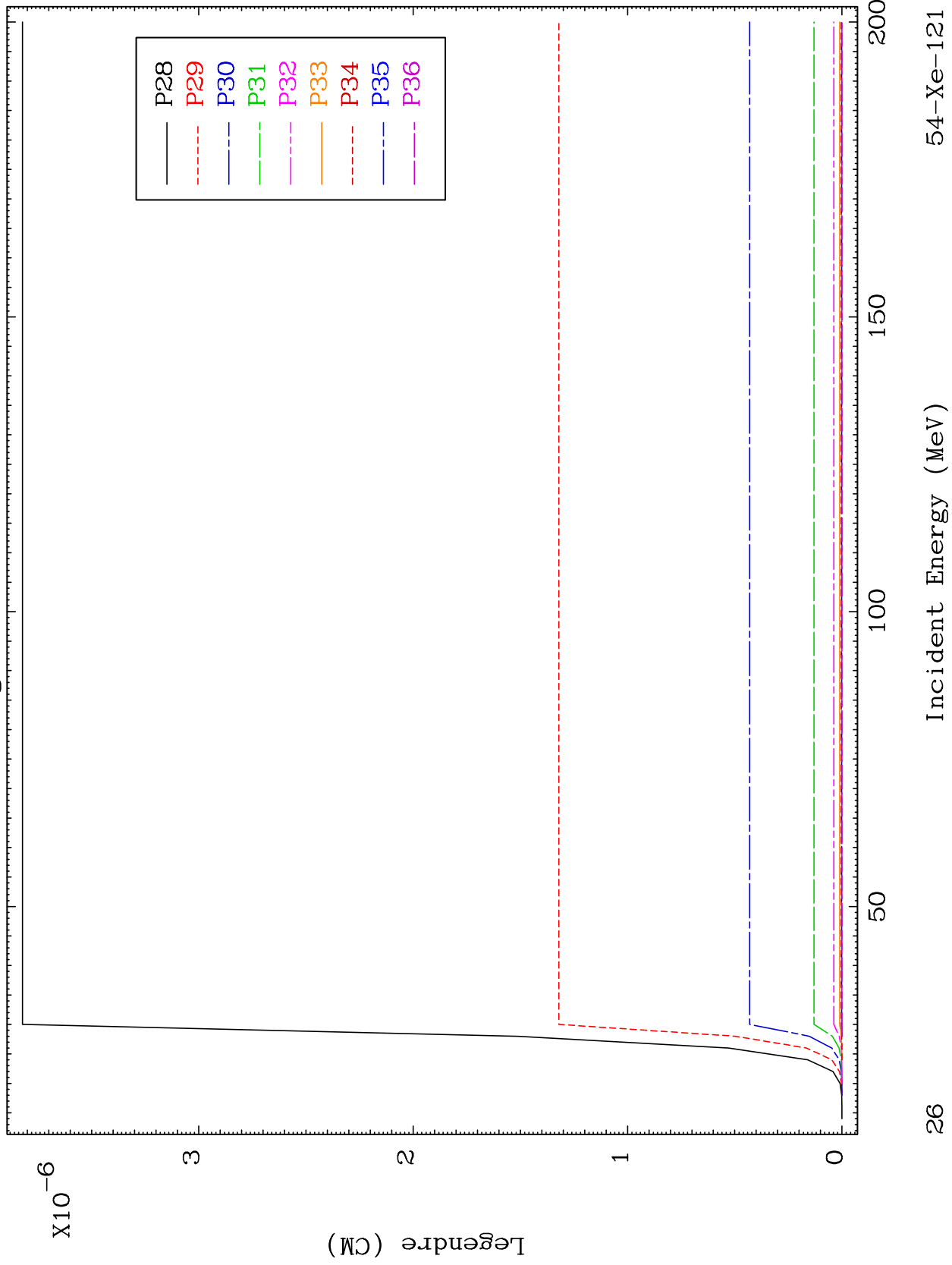
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



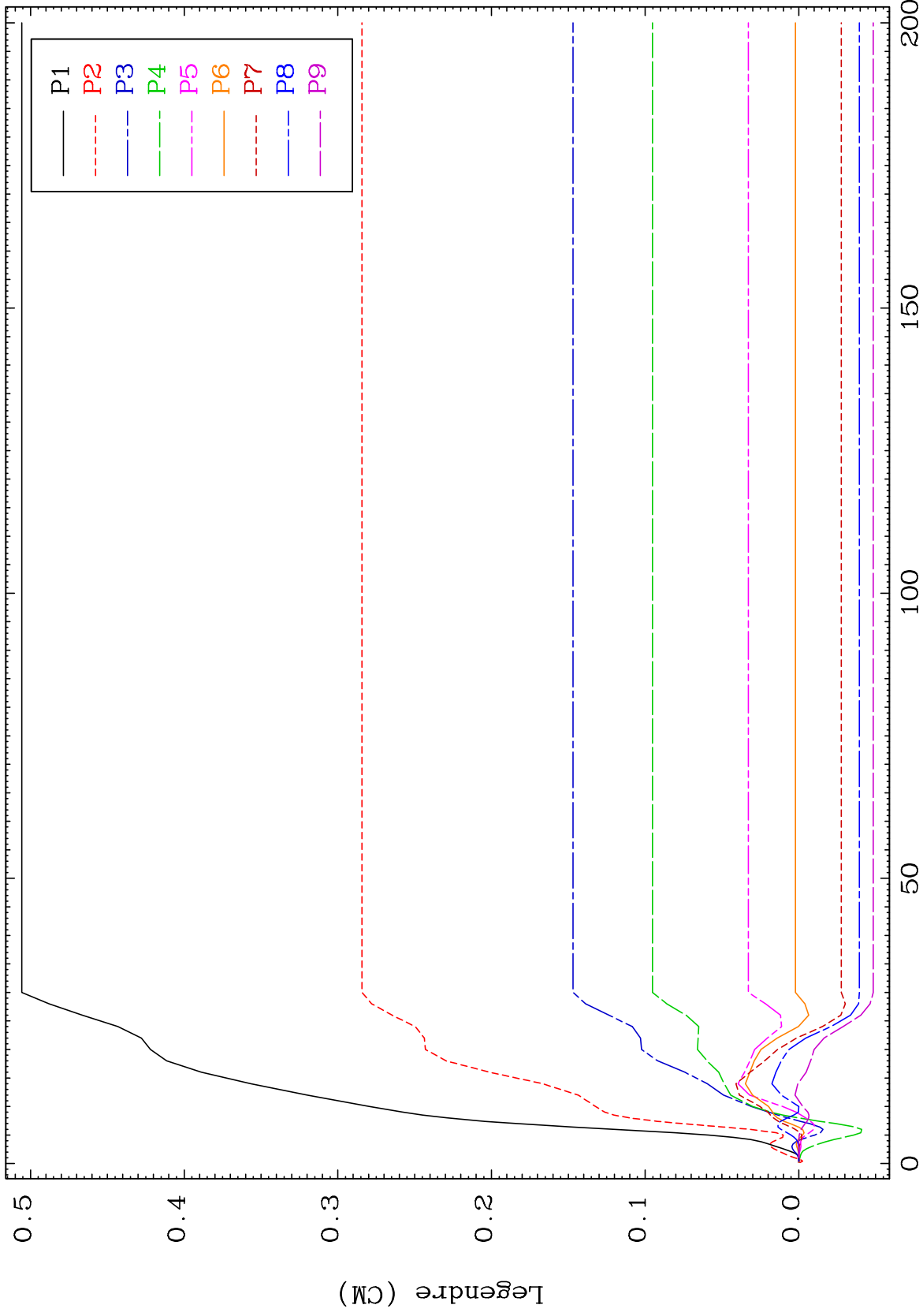
26

54-Xe-121

MAT 5416

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

54-Xe-121



27

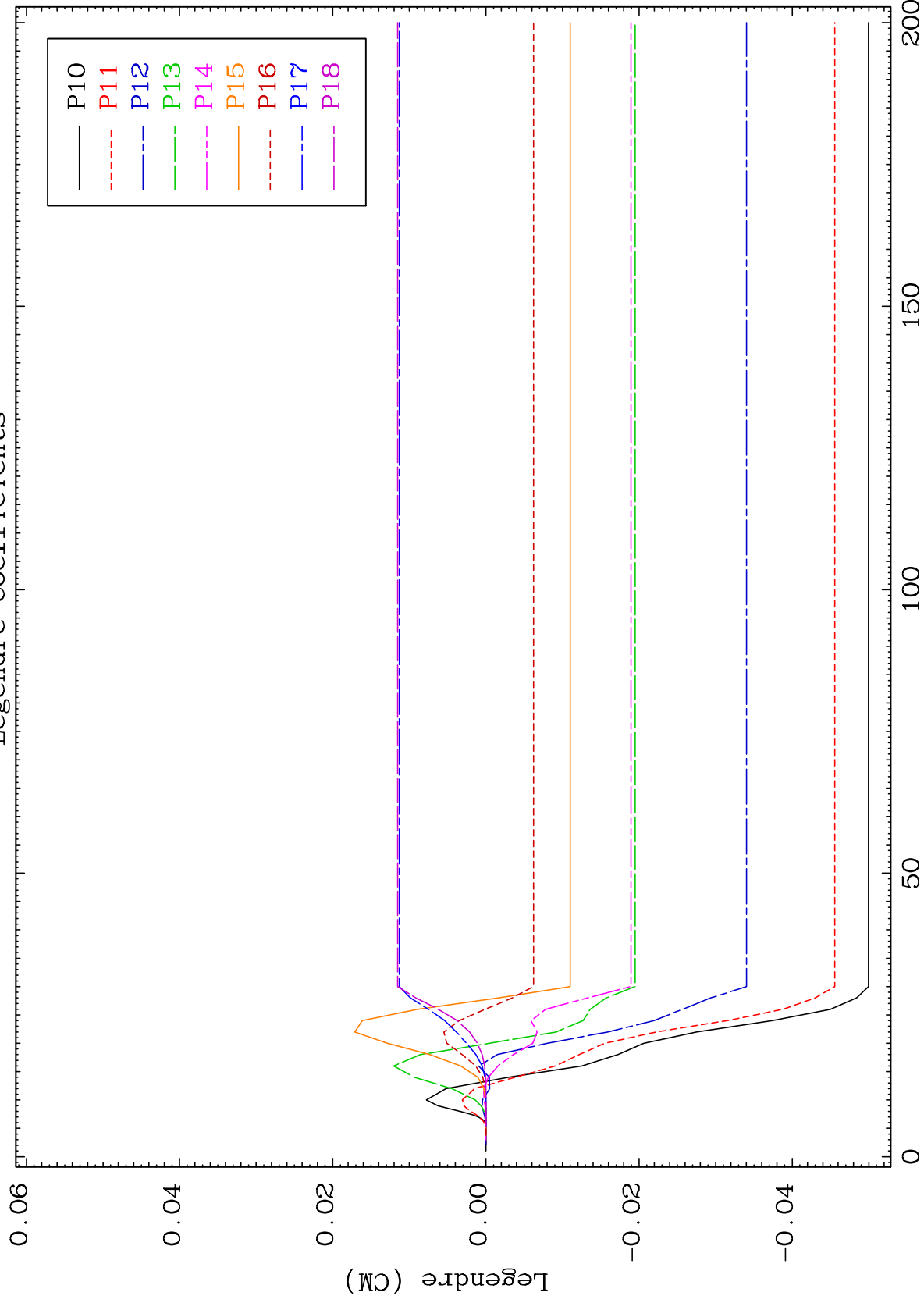
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



28

Incident Energy (MeV)

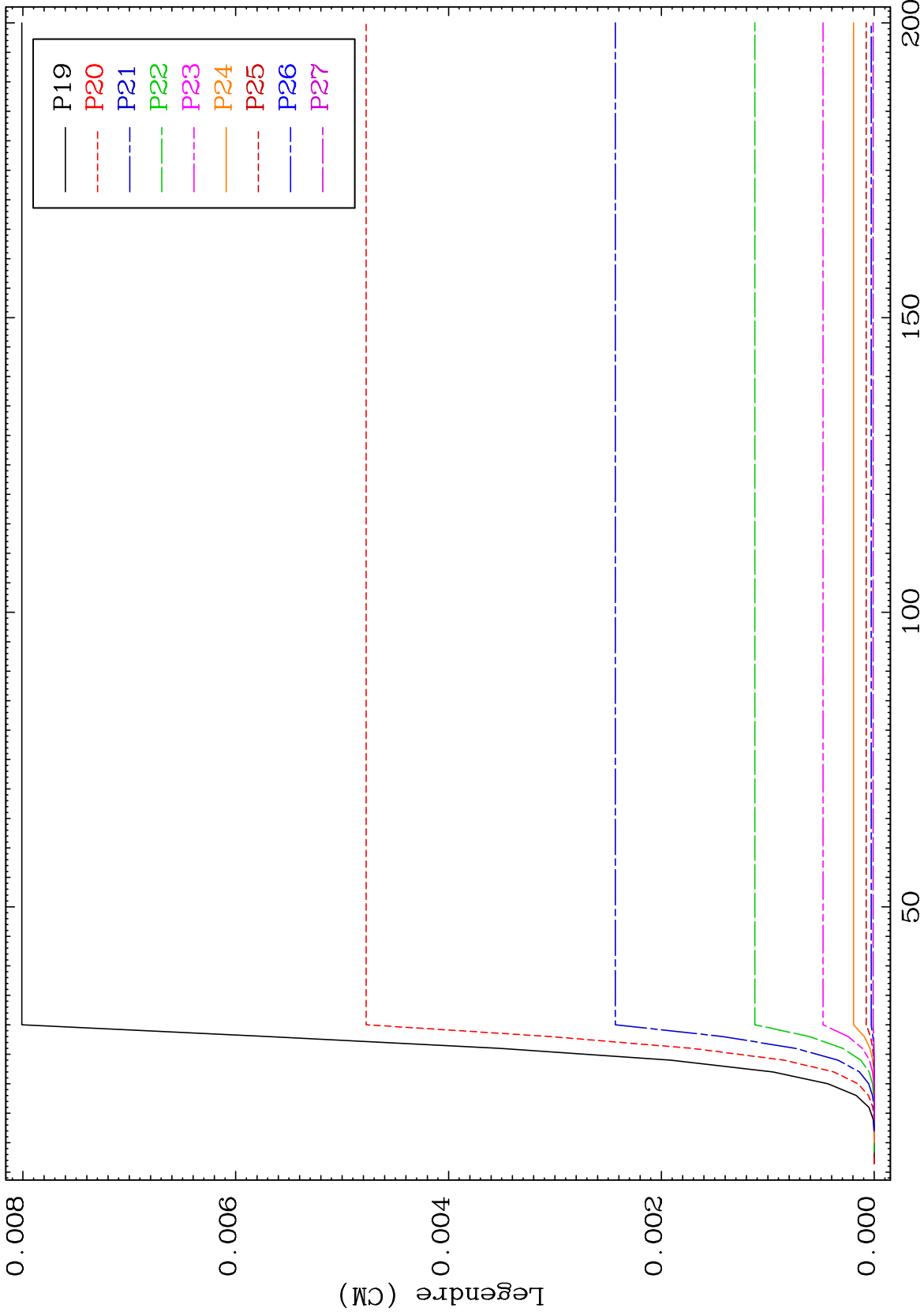
54-Xe-121

MAT 5416

MT= 52 (n,n') Level

54-Xe-121

Legendre Coefficients



29

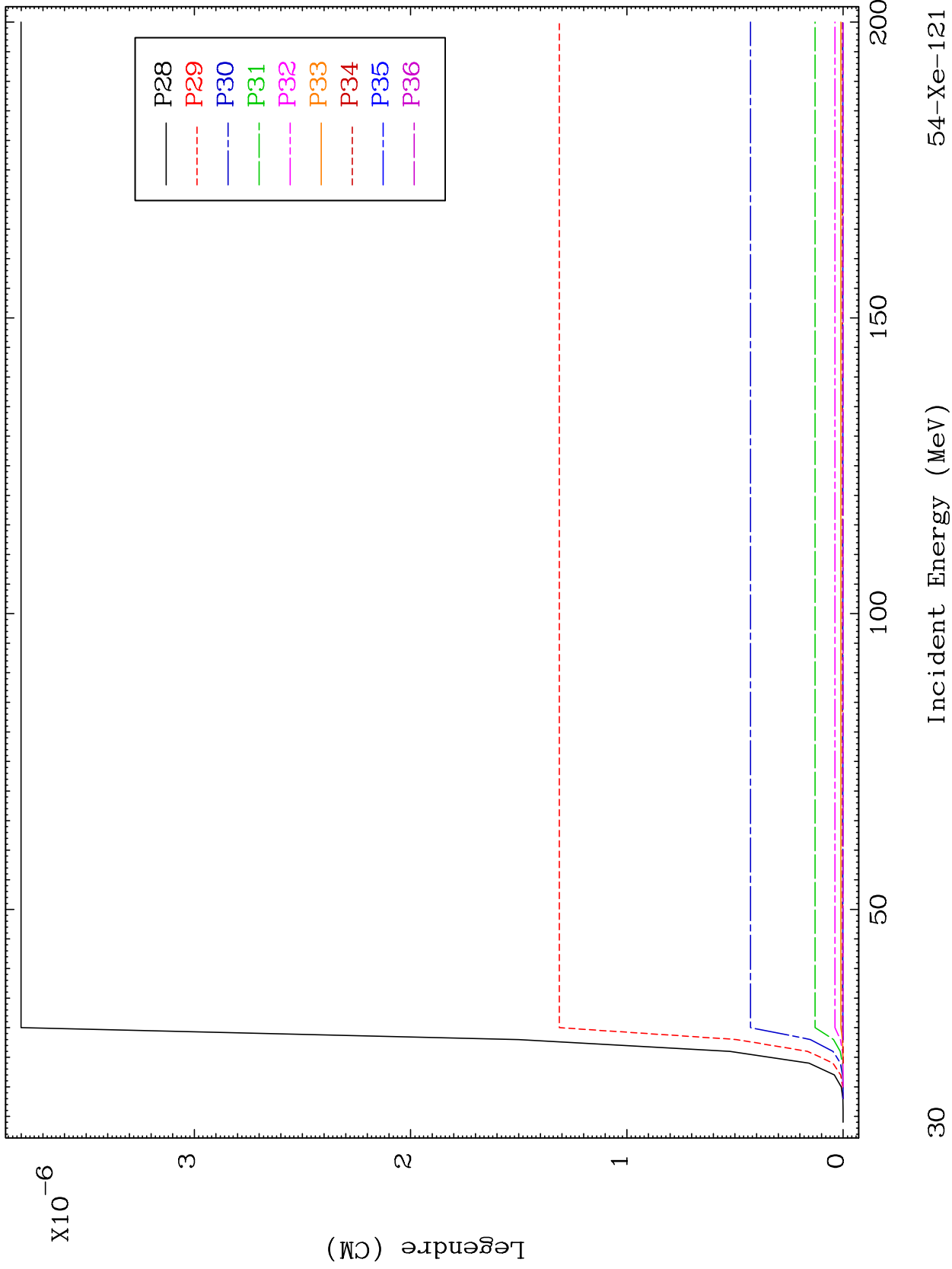
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

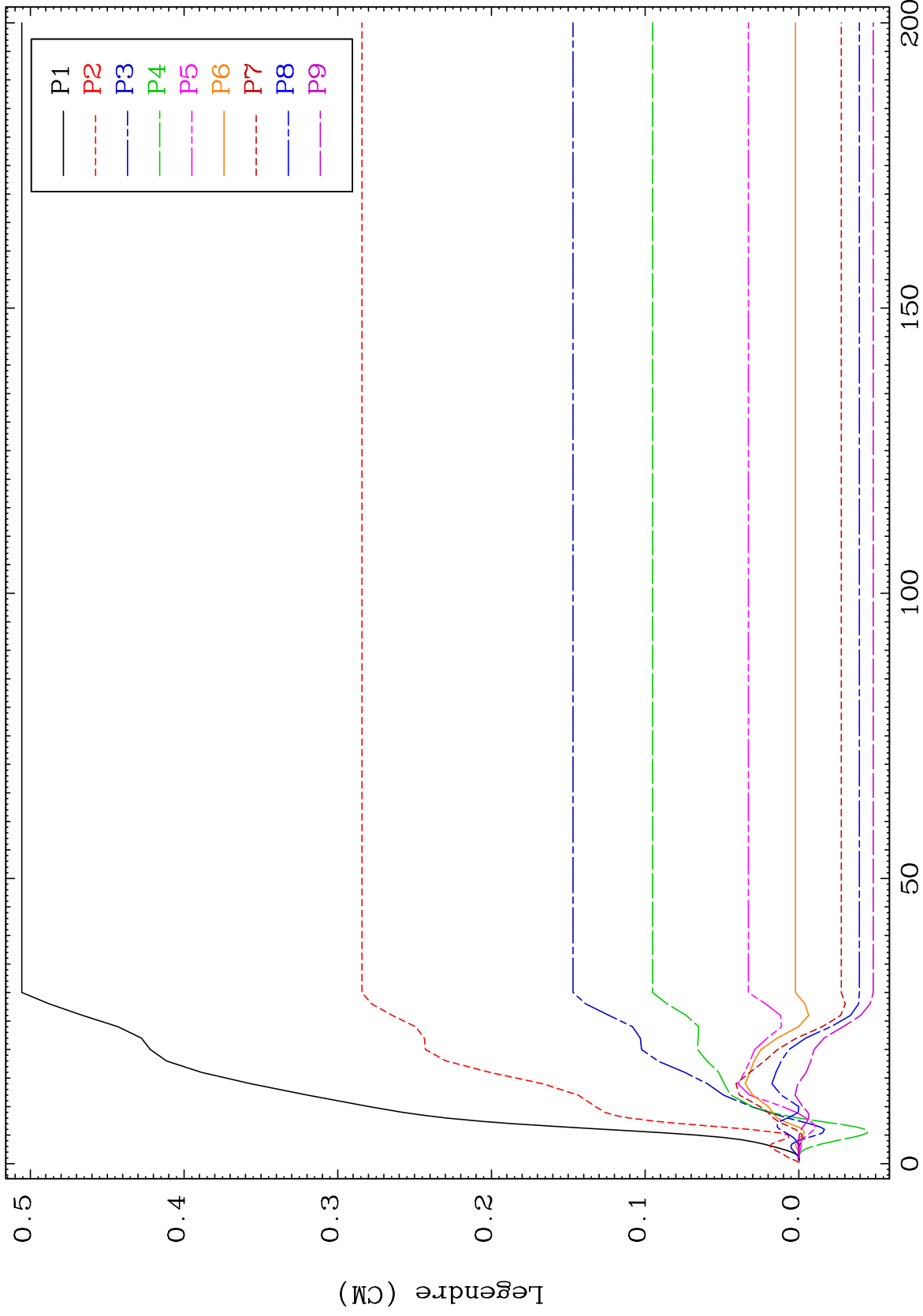
54-Xe-121



MAT 5416

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

54-Xe-121



31

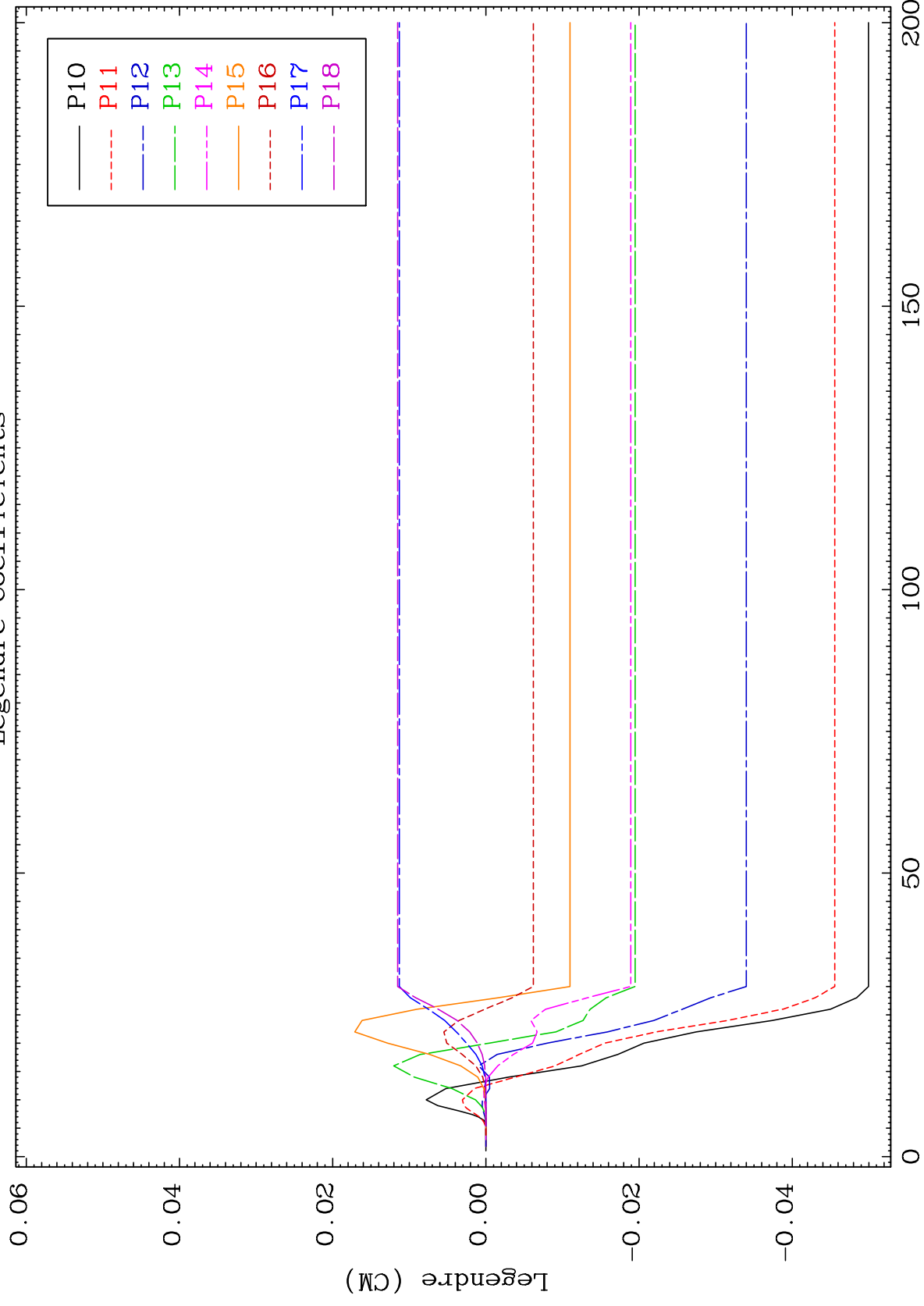
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



32

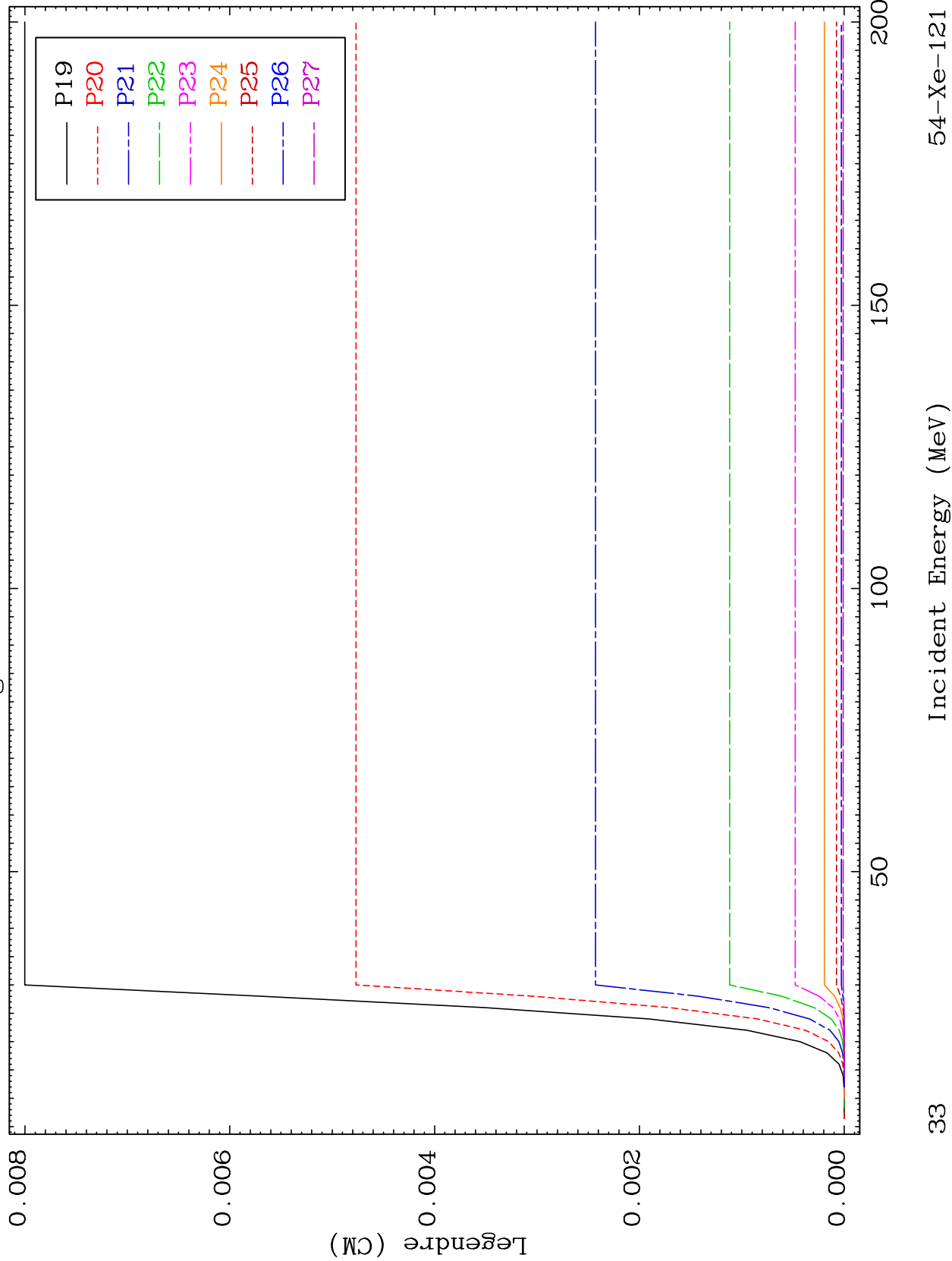
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

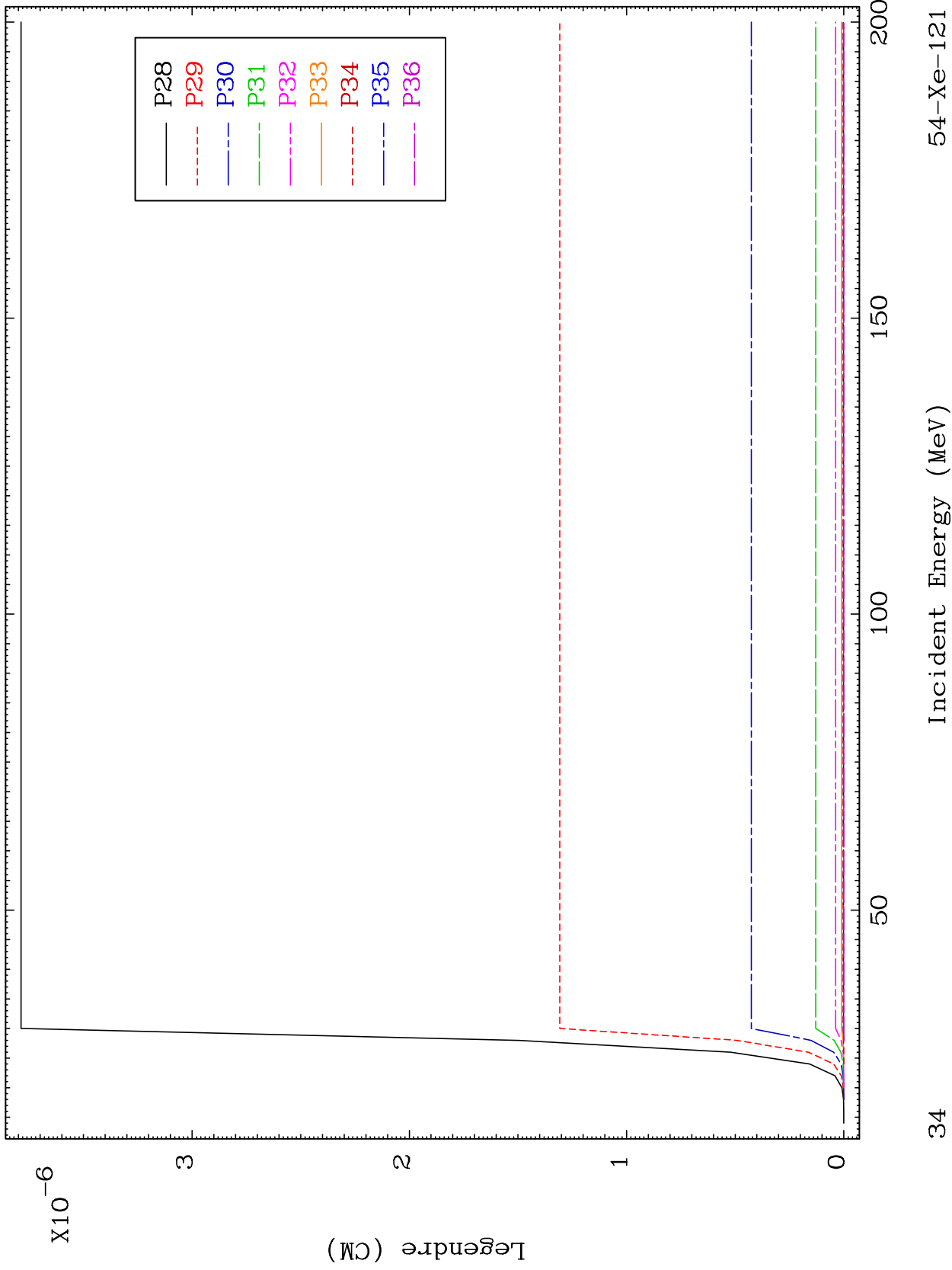
54-Xe-121



MAT 5416

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

54-Xe-121



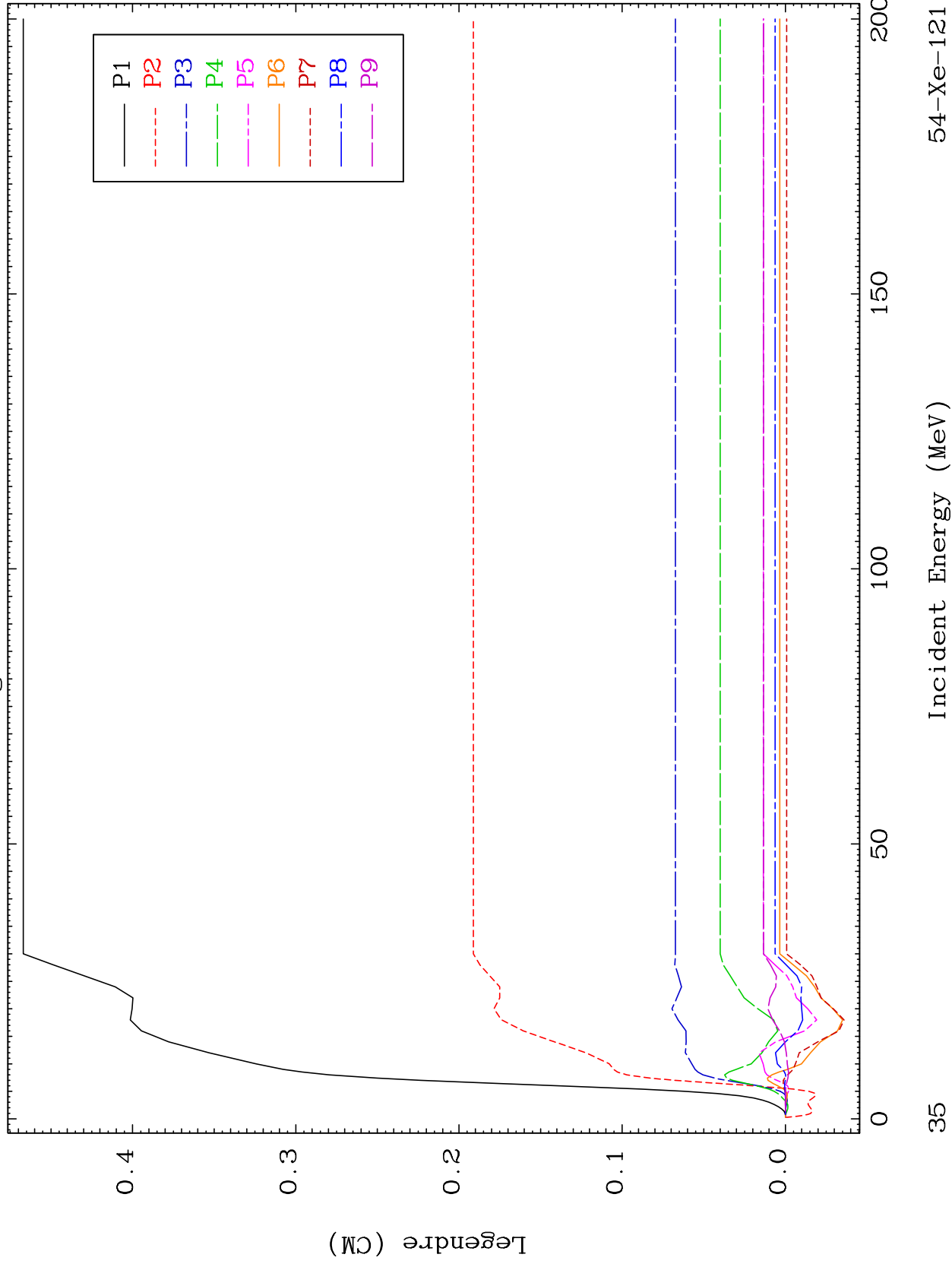
34

54-Xe-121

MAT 5416

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

54-Xe-121



54-Xe-121

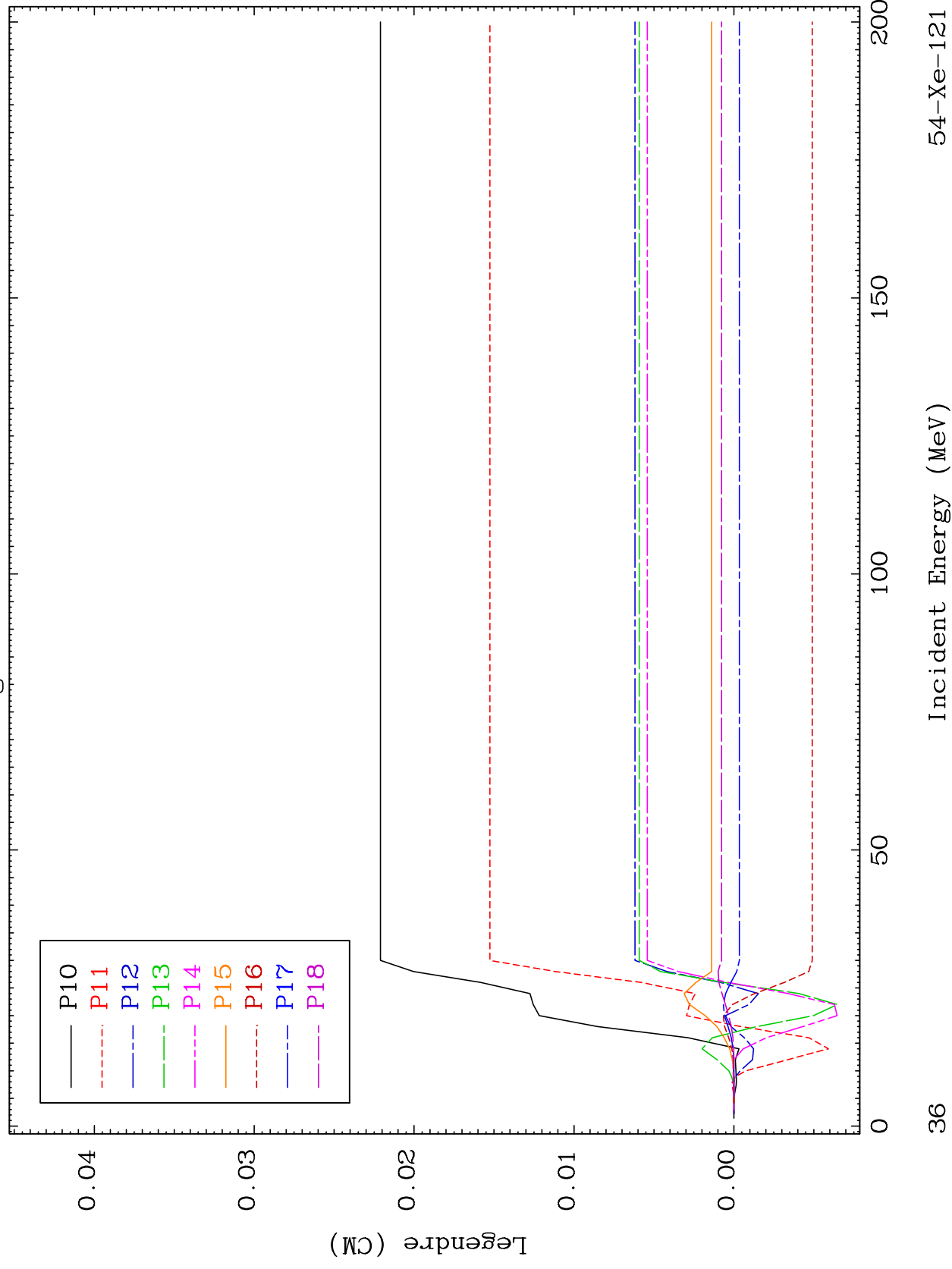
Incident Energy (MeV)

35

MAT 5416

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

54-Xe-121



36

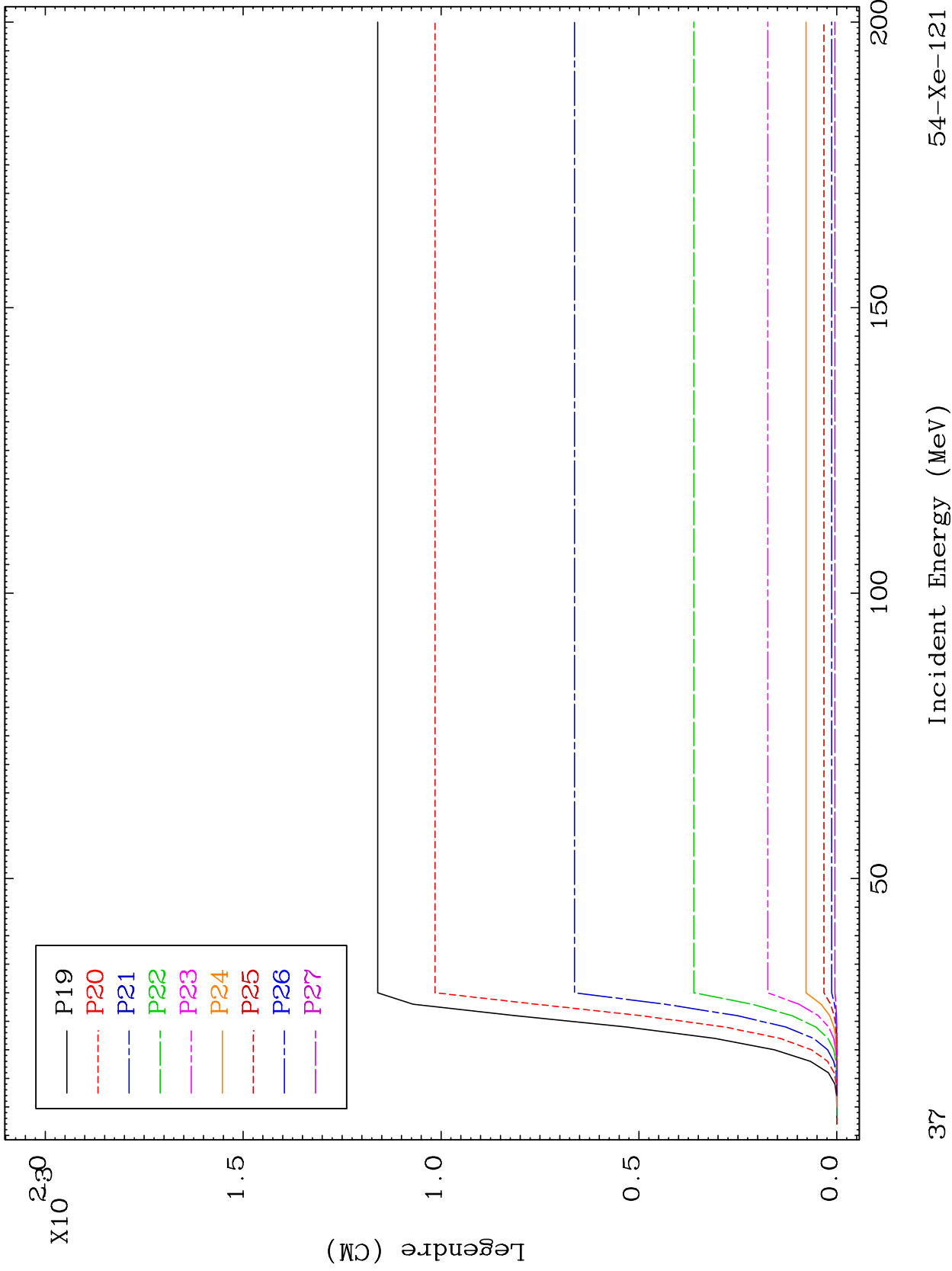
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



37

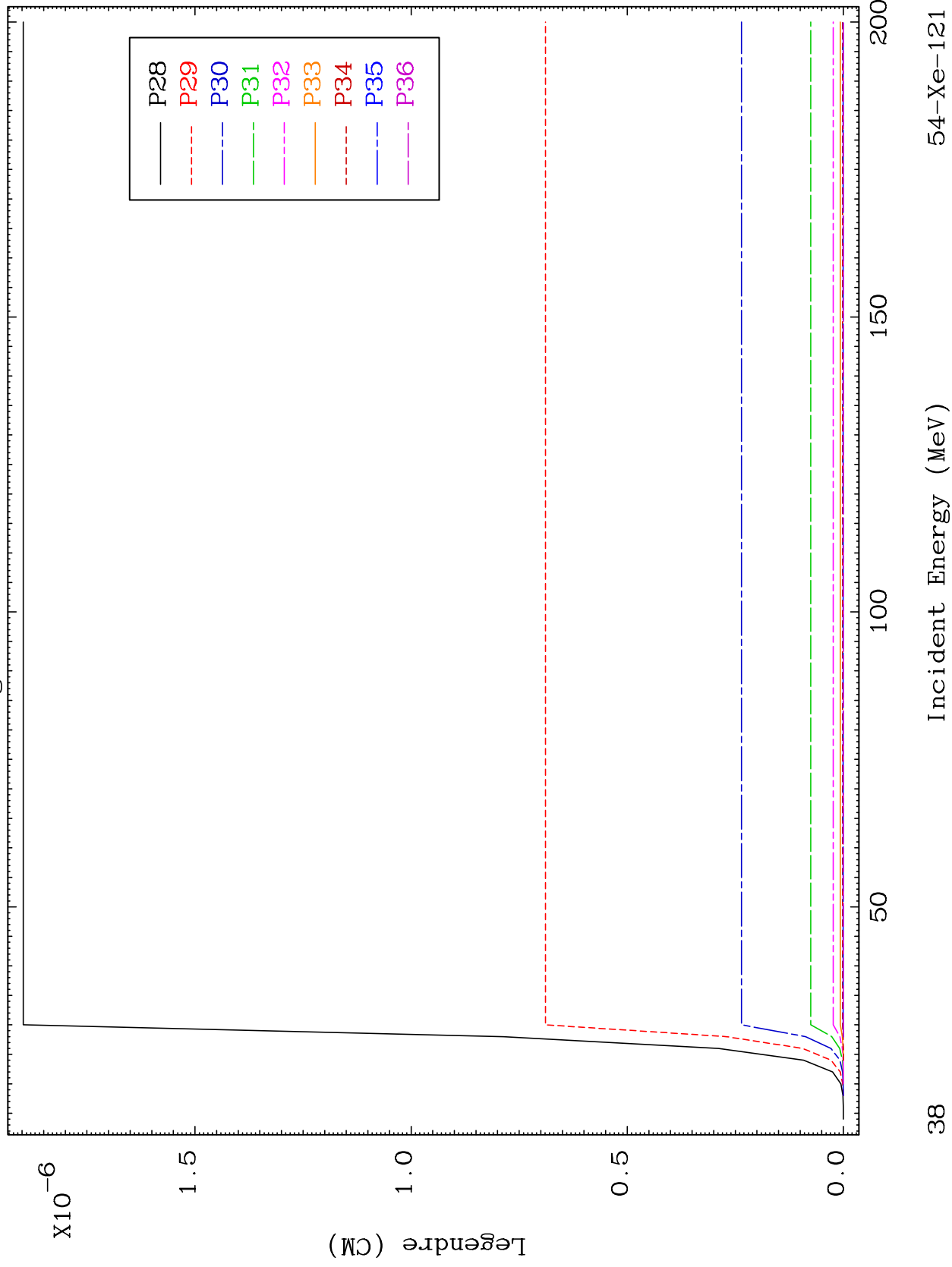
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

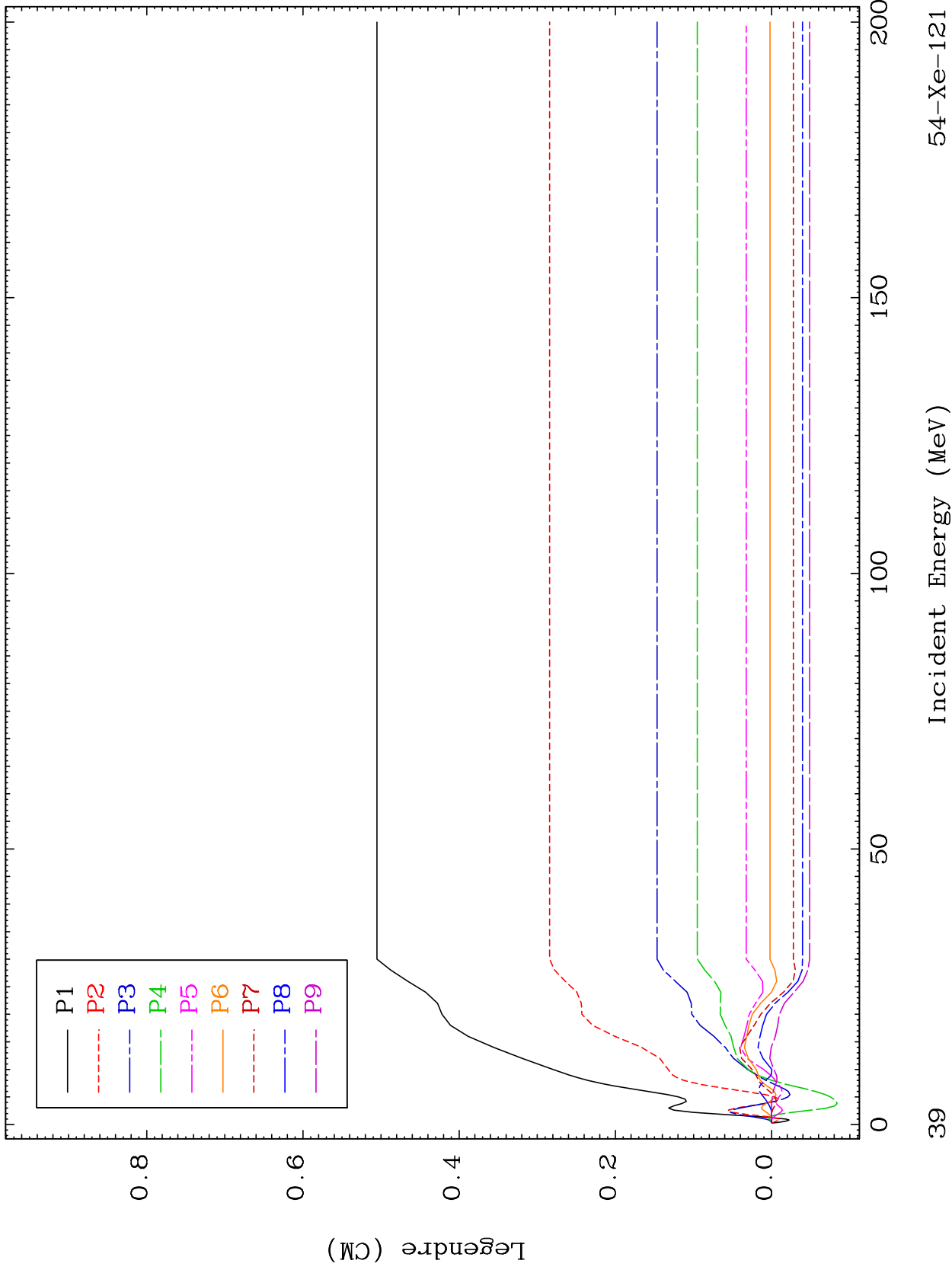
54-Xe-121



MAT 5416

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

54-Xe-121



39

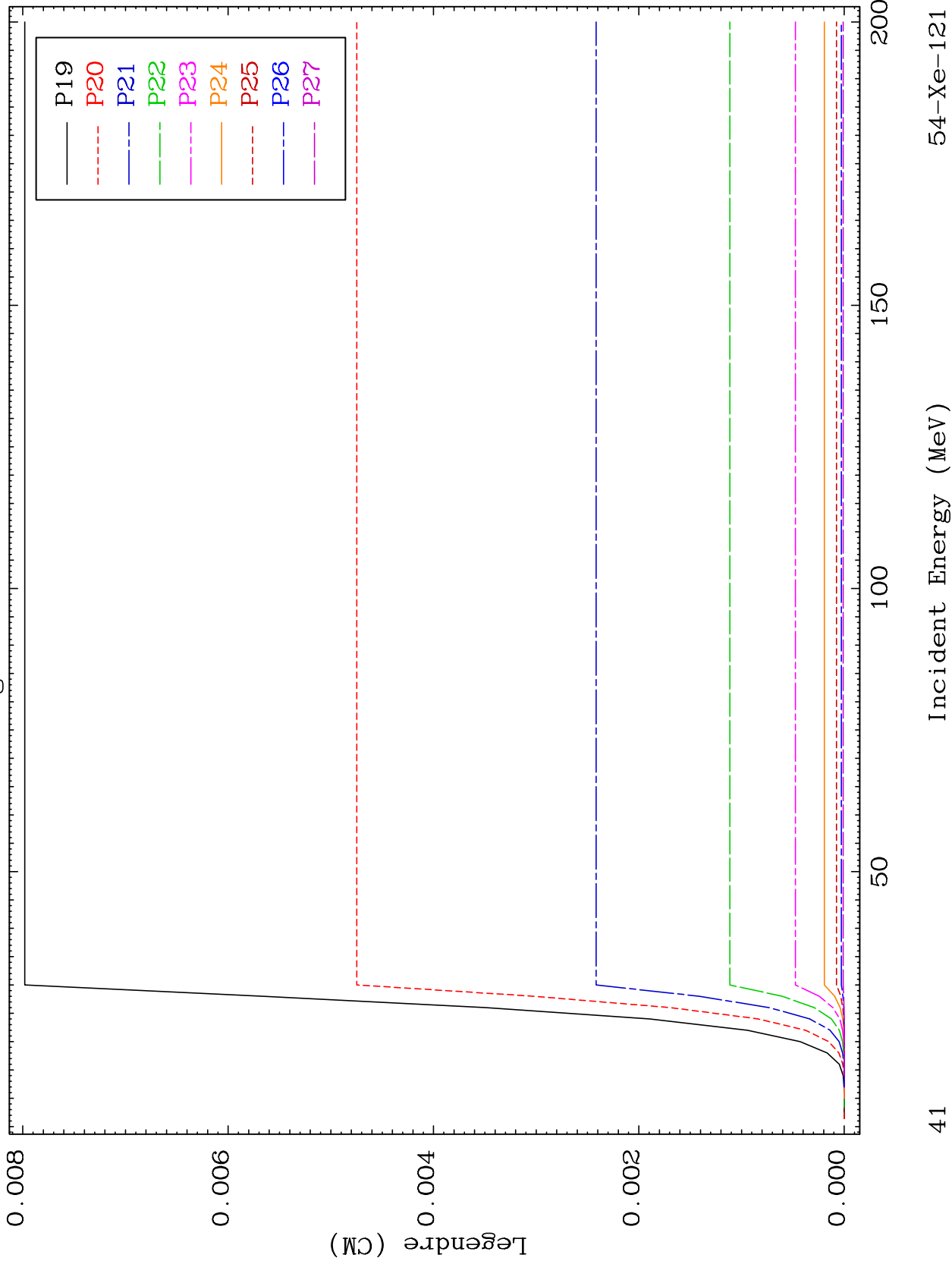
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



41

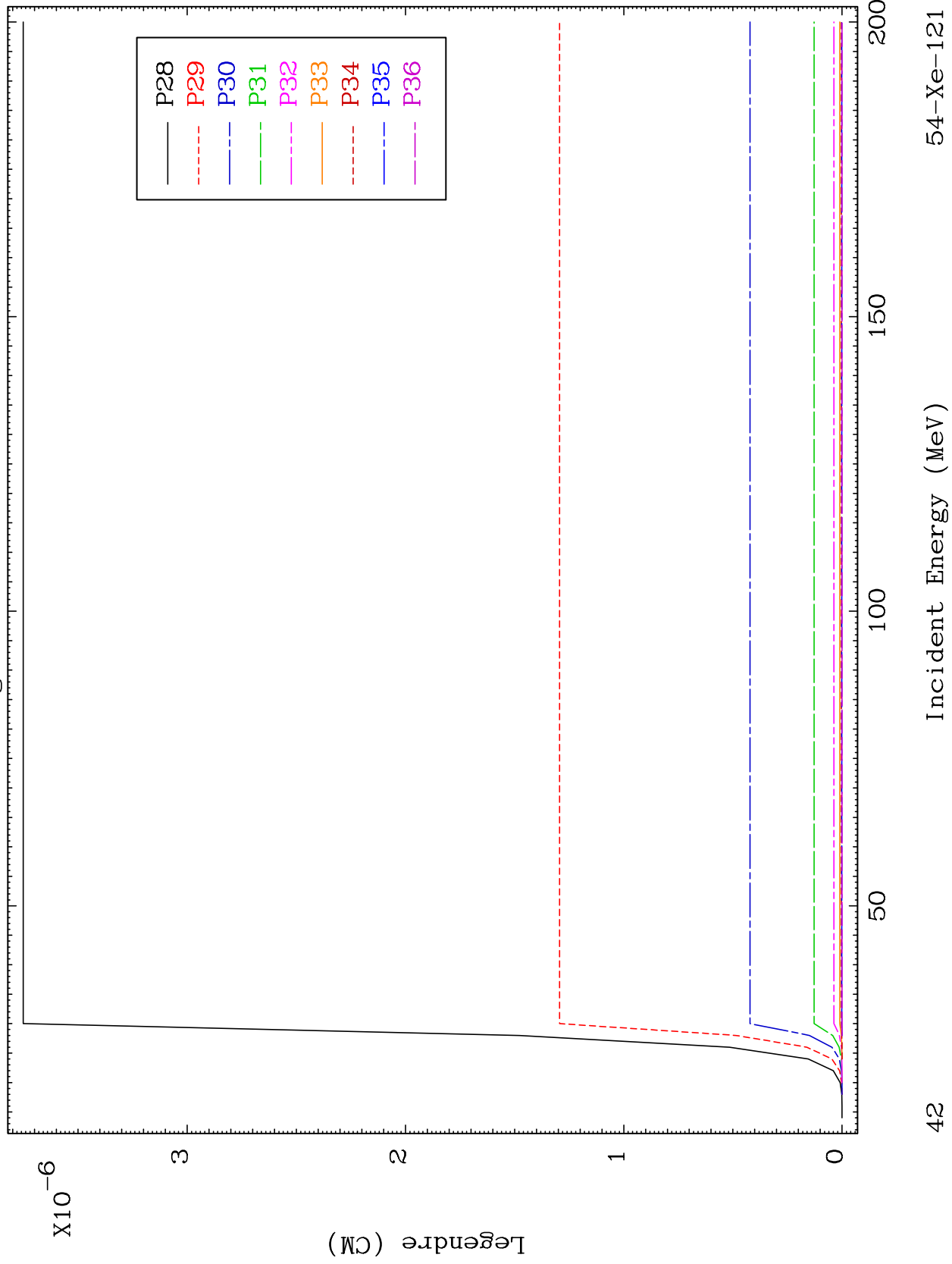
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



42

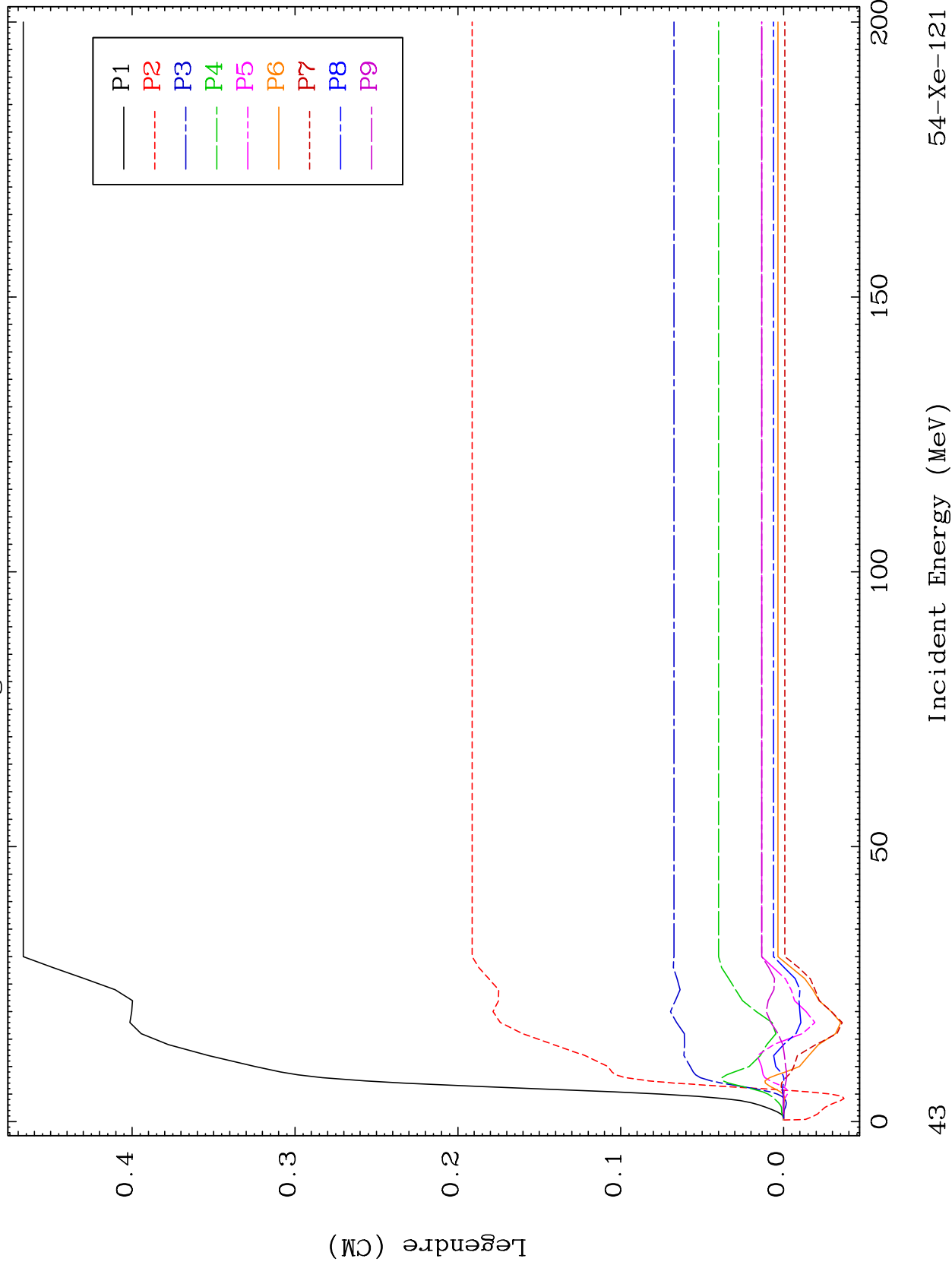
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



54-Xe-121

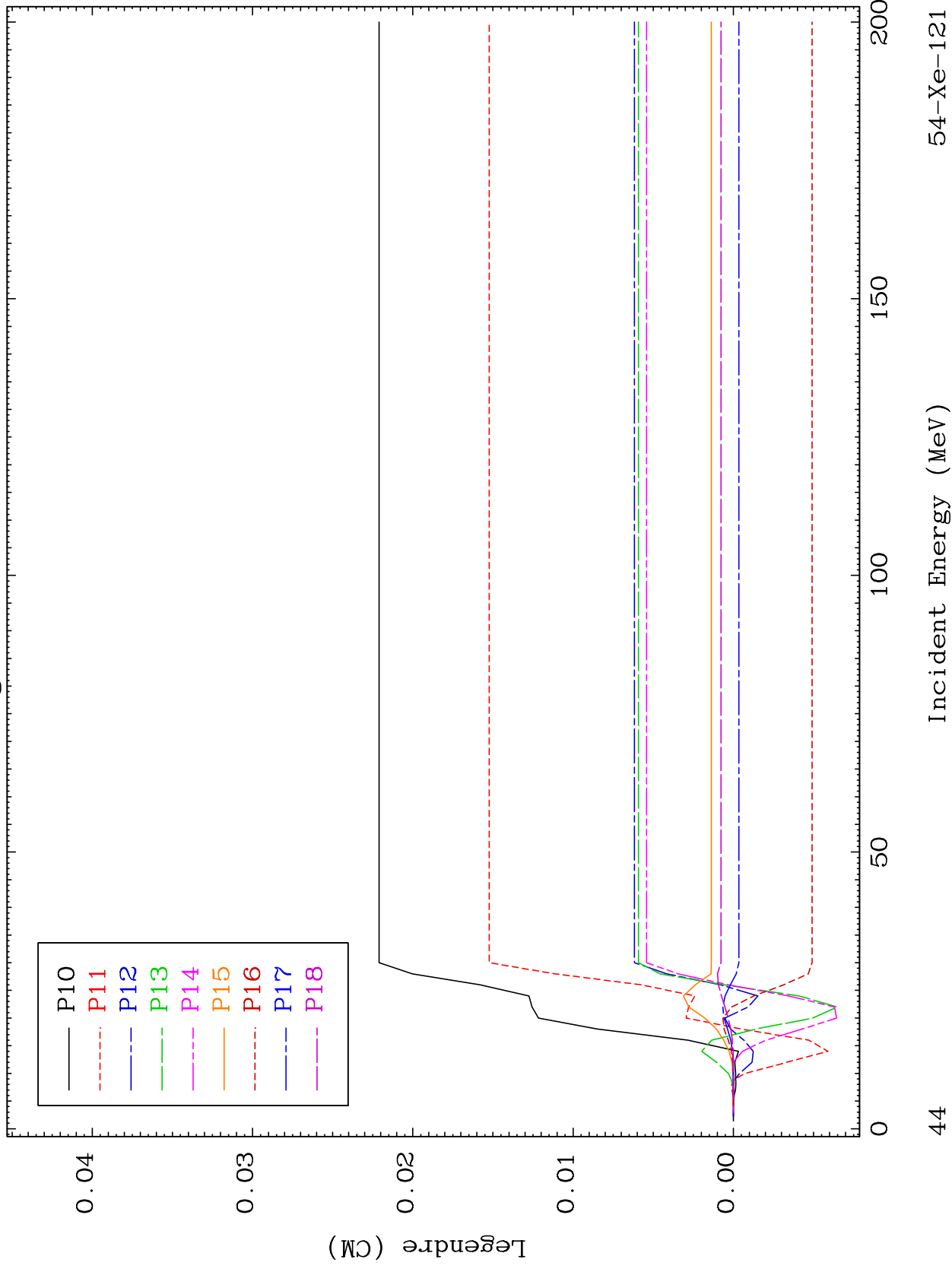
Incident Energy (MeV)

43

MAT 5416

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

54-Xe-121



44

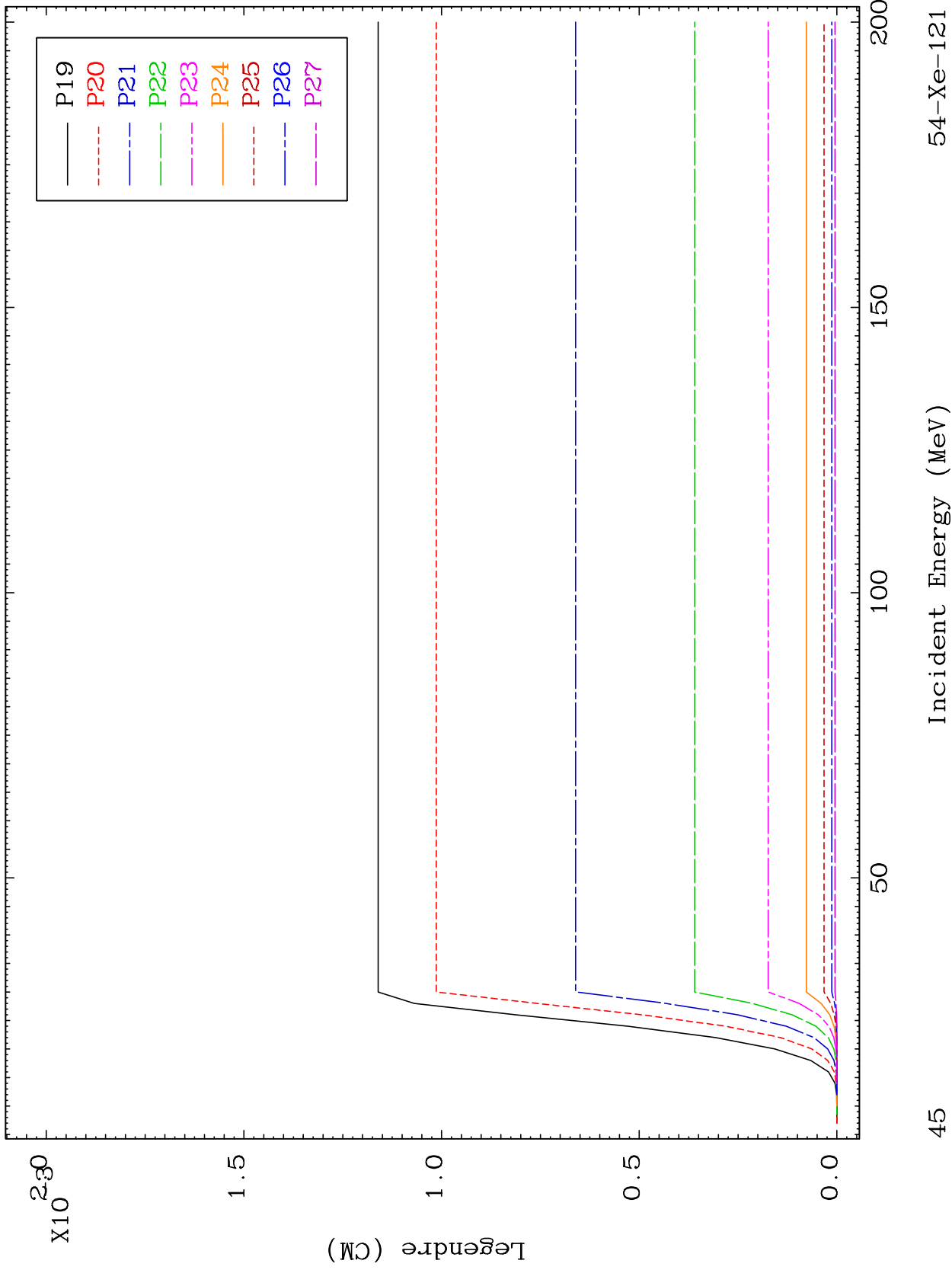
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



54-Xe-121

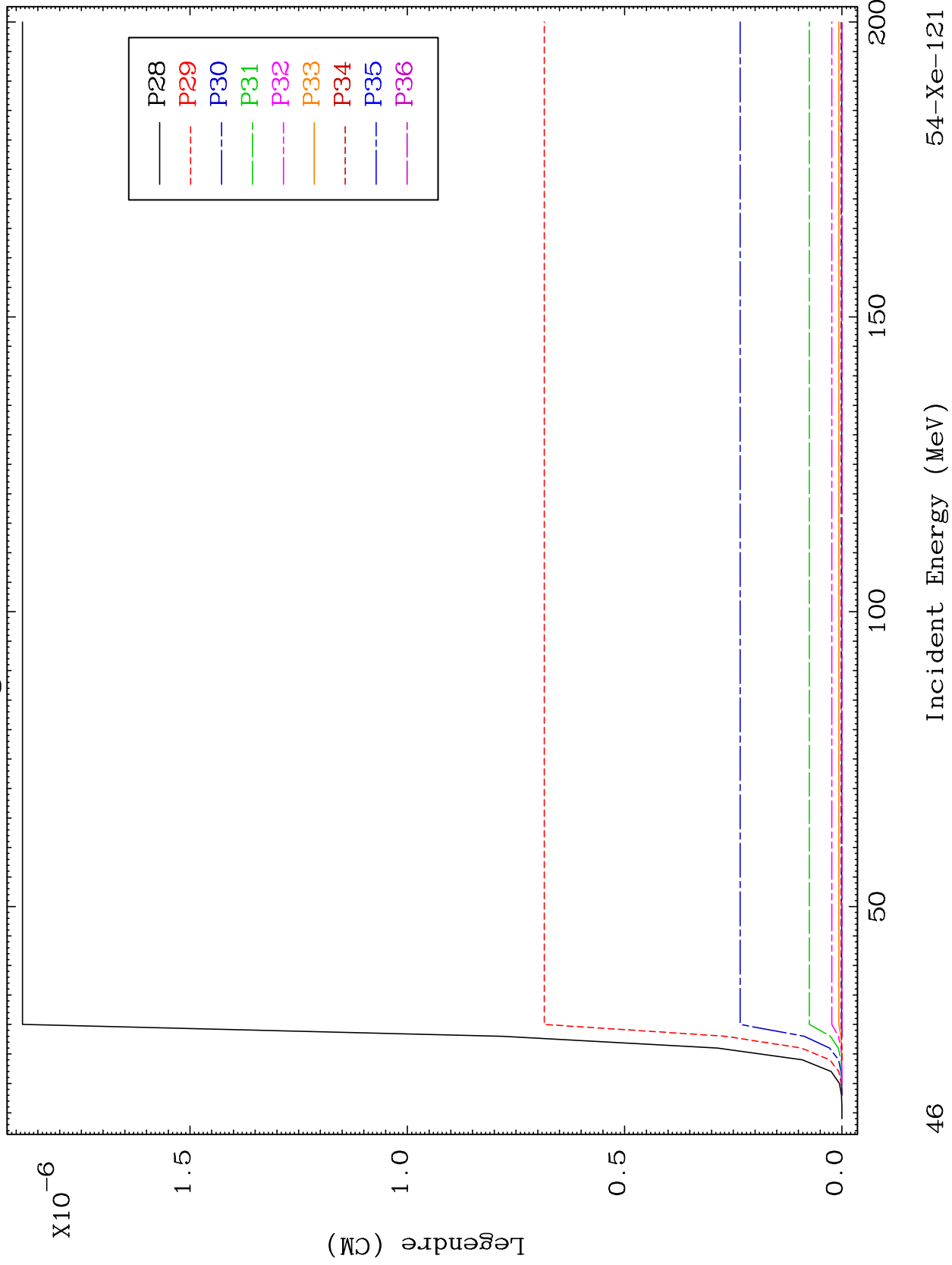
Incident Energy (MeV)

45

MAT 5416

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

54-Xe-121

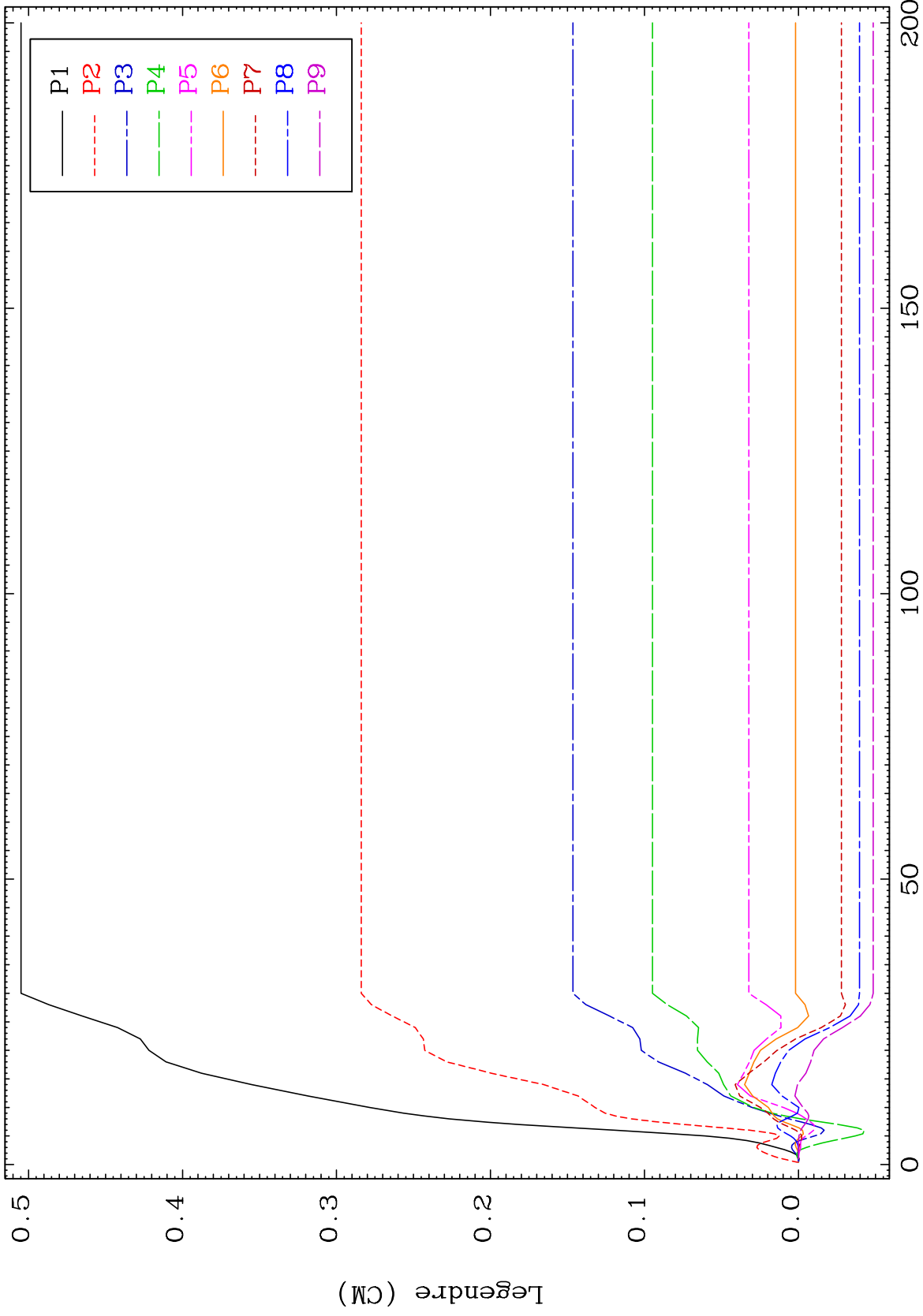


46

MAT 5416

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

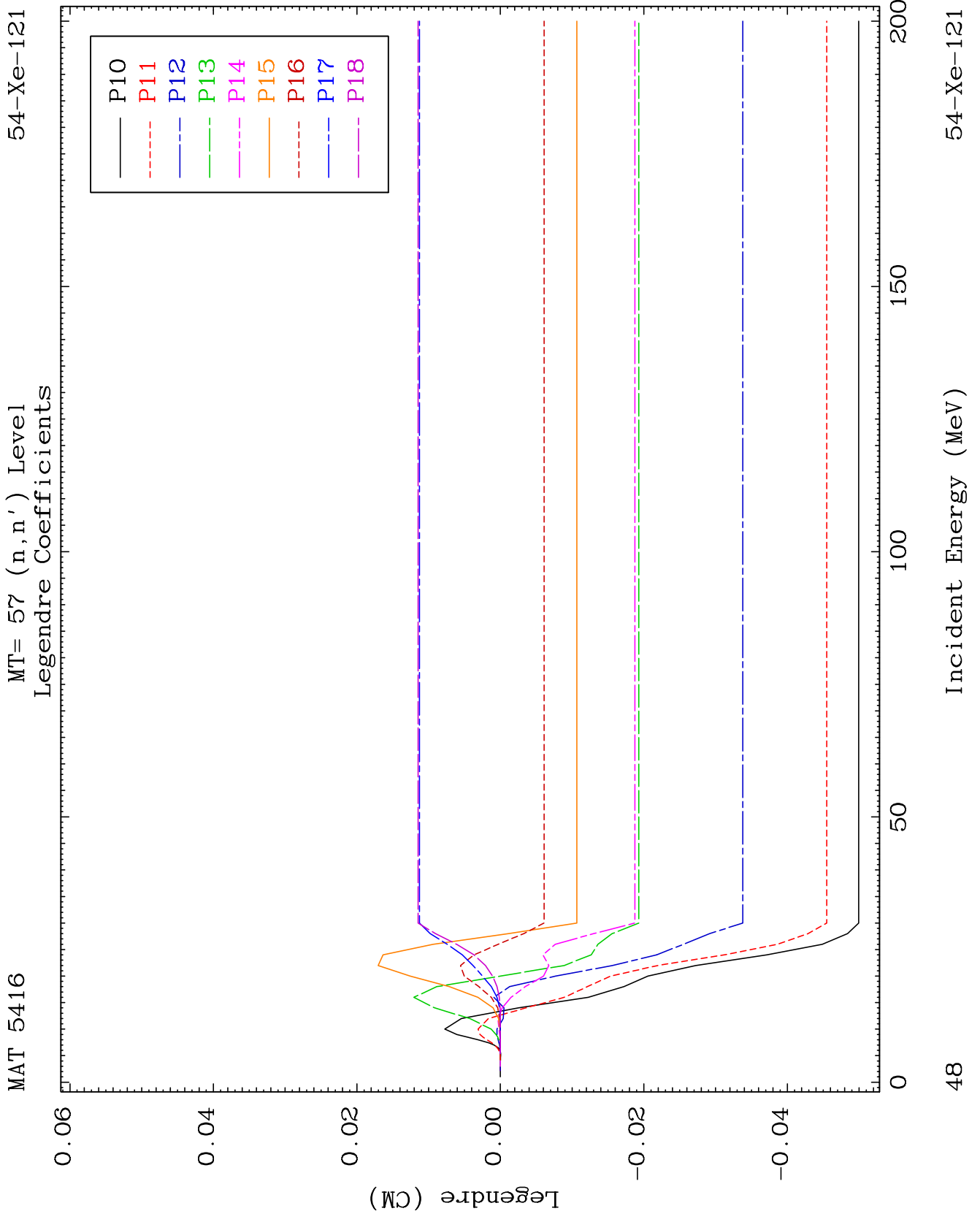
54-Xe-121



47

Incident Energy (MeV)

54-Xe-121



54-Xe-121

Incident Energy (MeV)

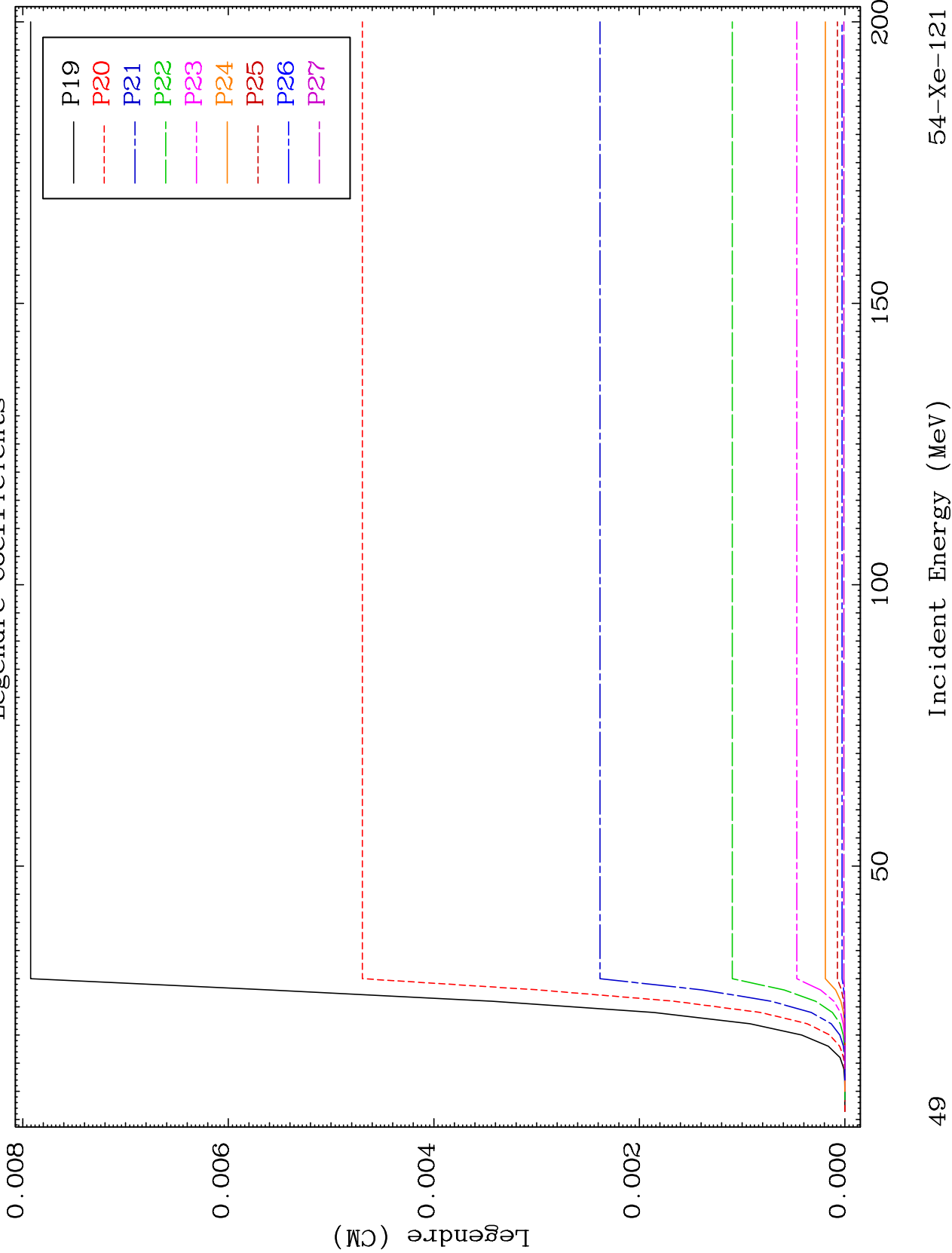
48

MAT 5416

MT= 57 (n,n') Level

54-Xe-121

Legendre Coefficients



49

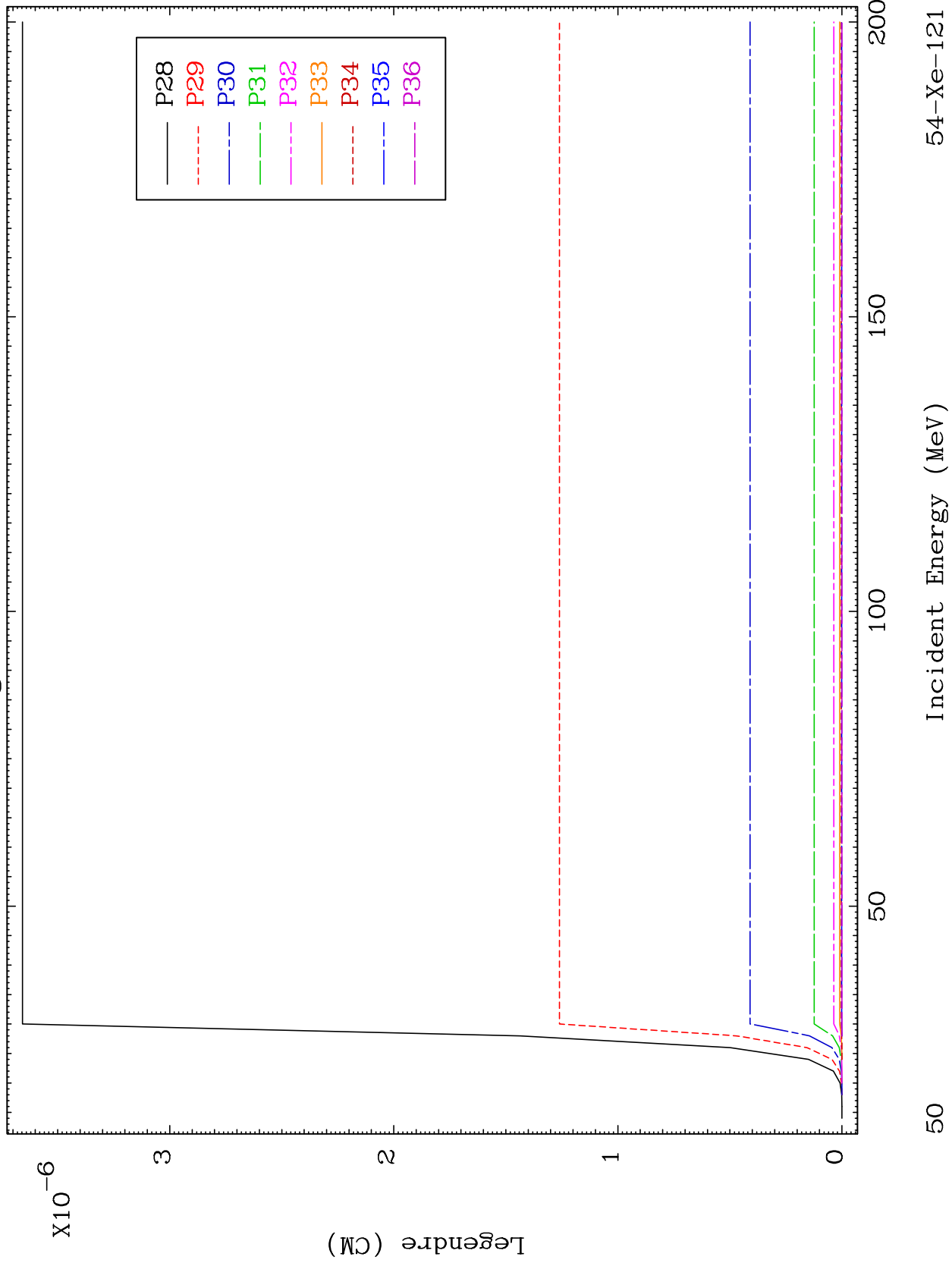
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

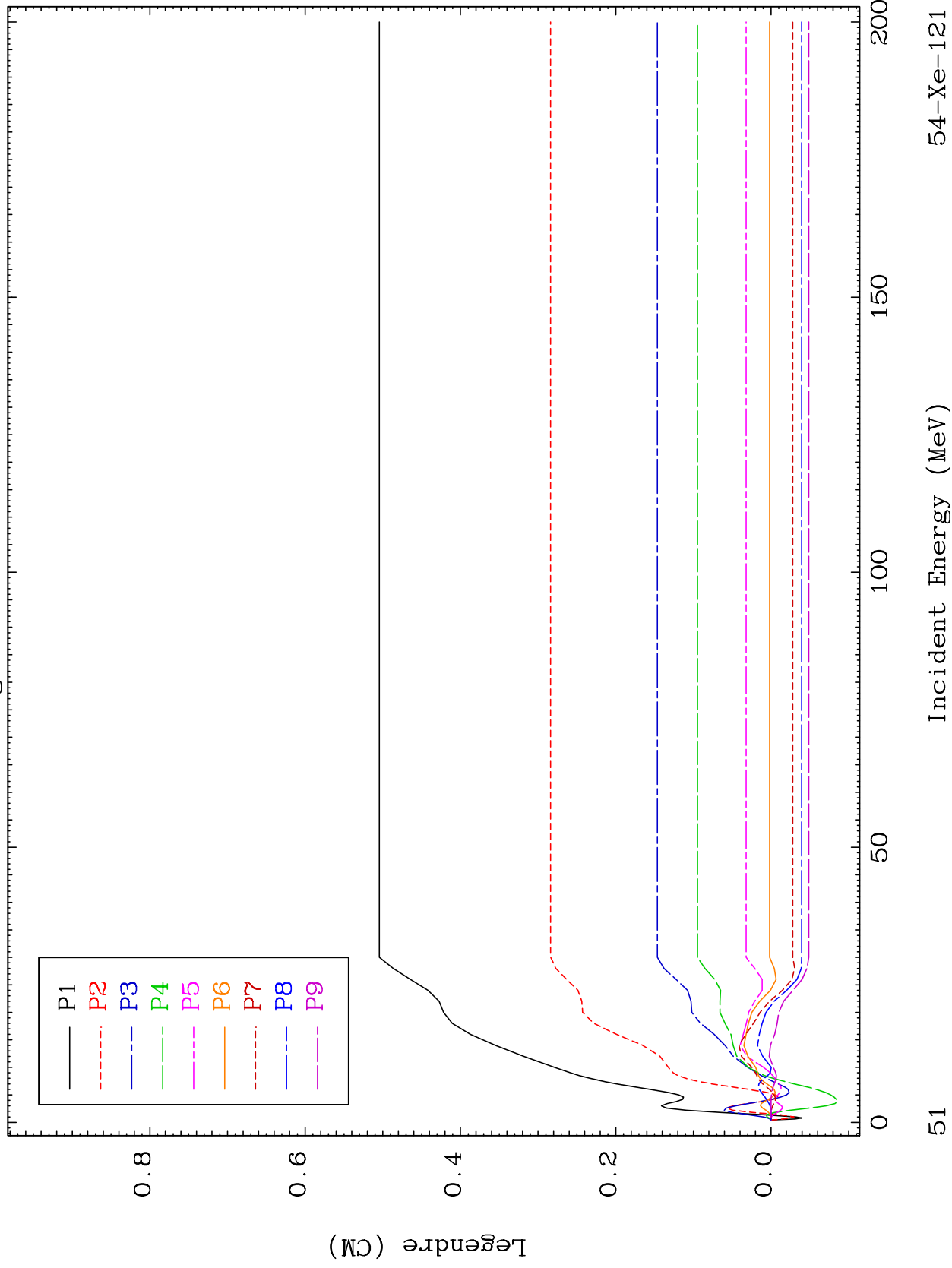
54-Xe-121



MAT 5416

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

54-Xe-121



51

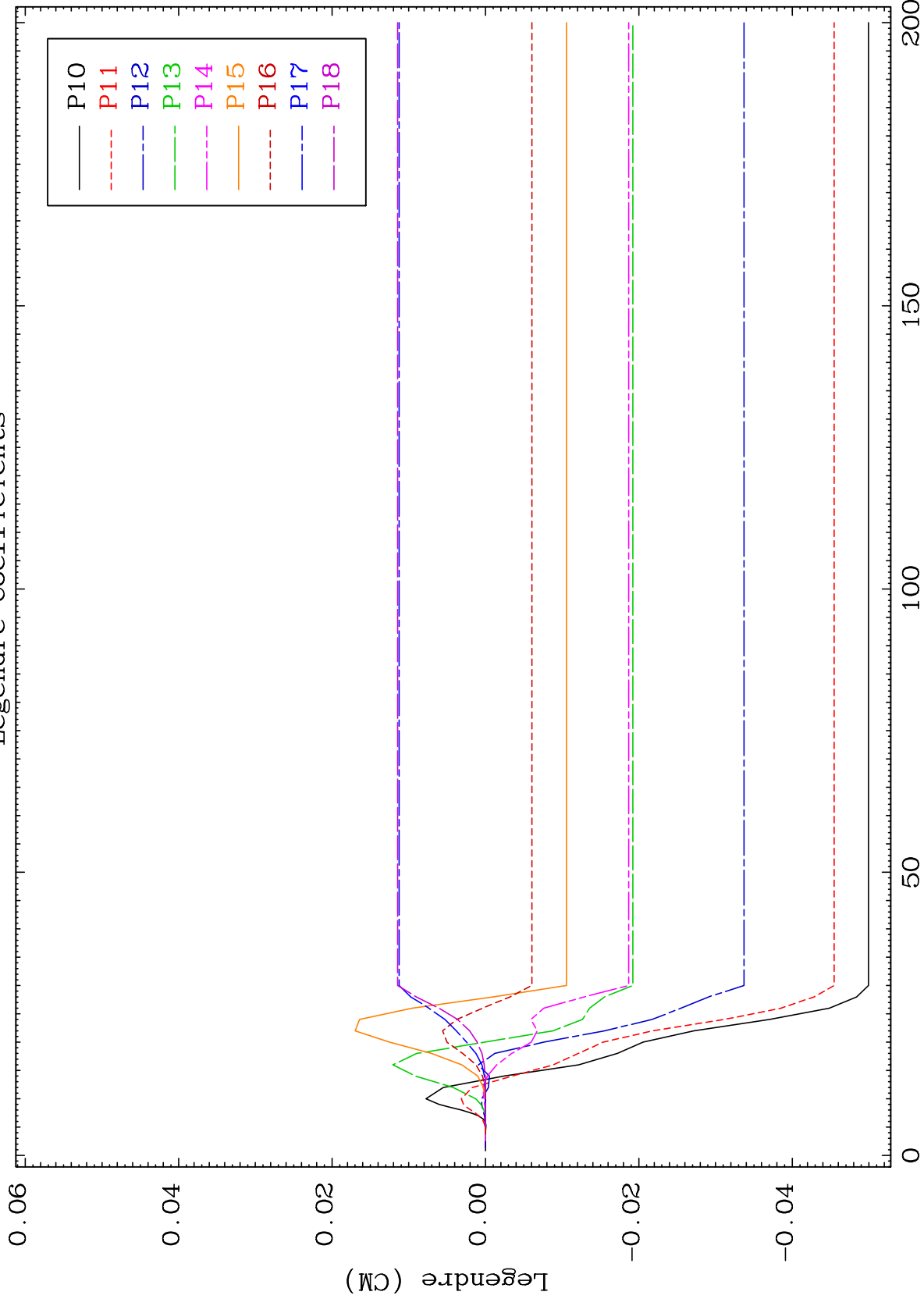
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

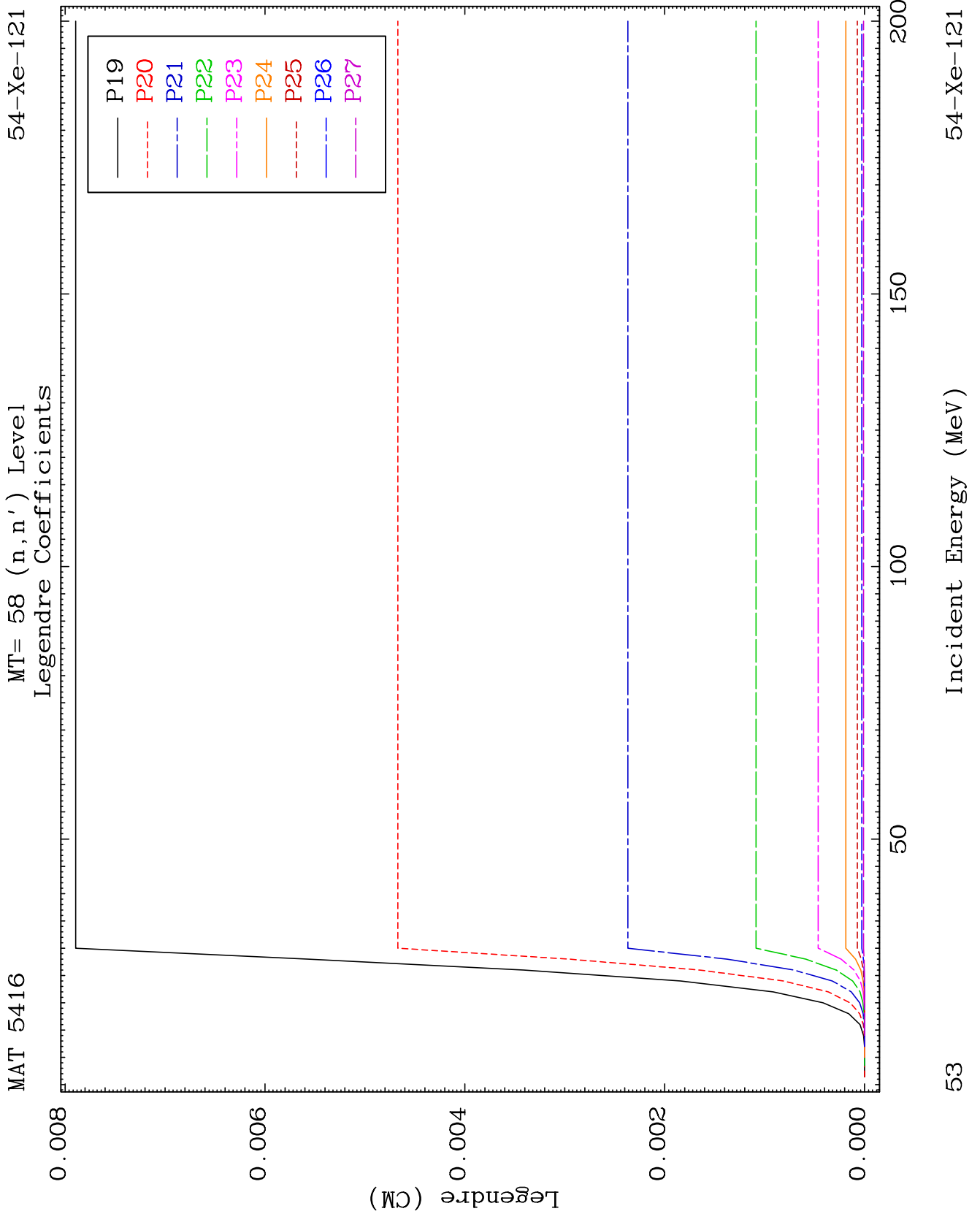
54-Xe-121



52

Incident Energy (MeV)

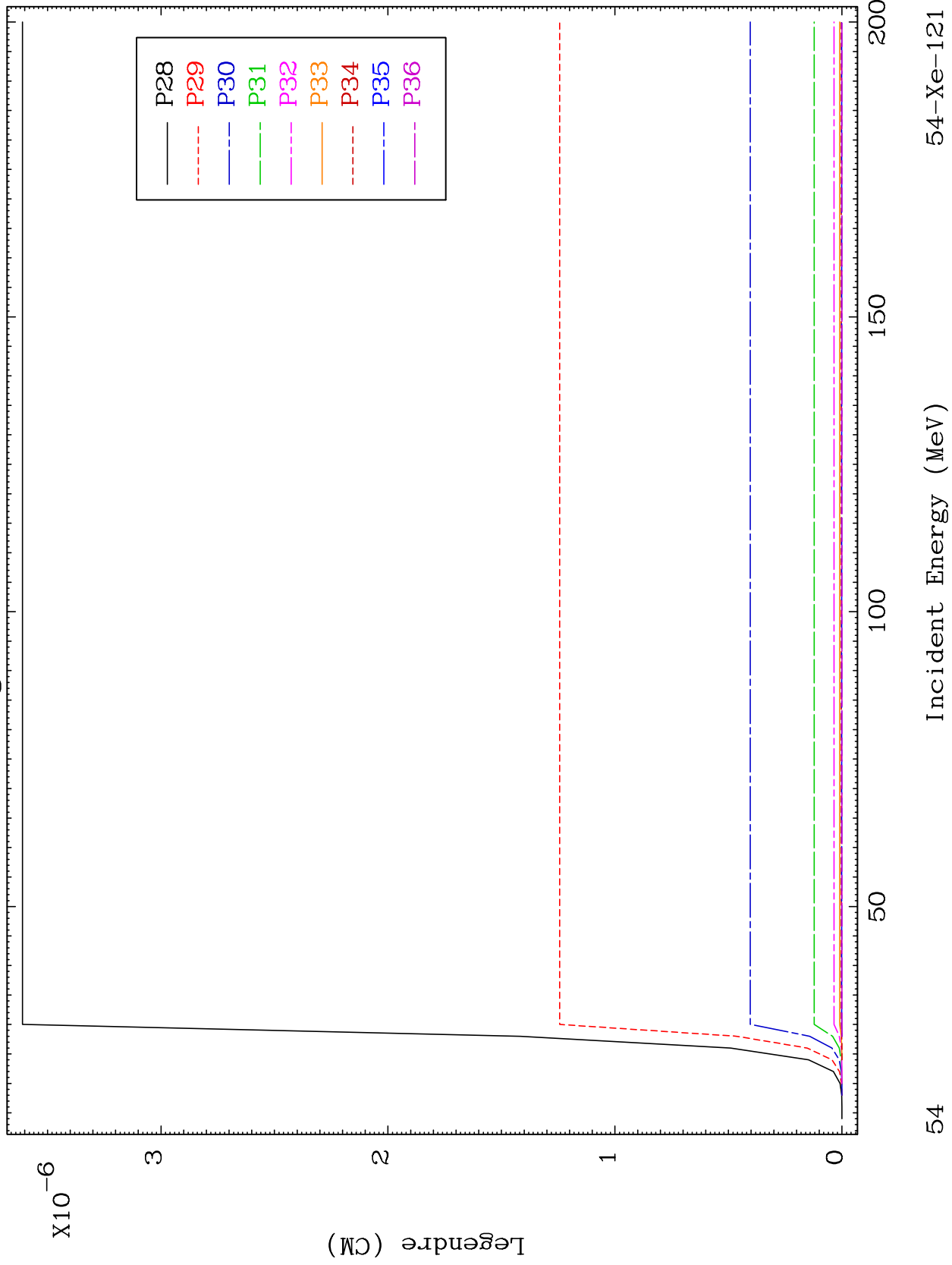
54-Xe-121



MAT 5416

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

54-Xe-121



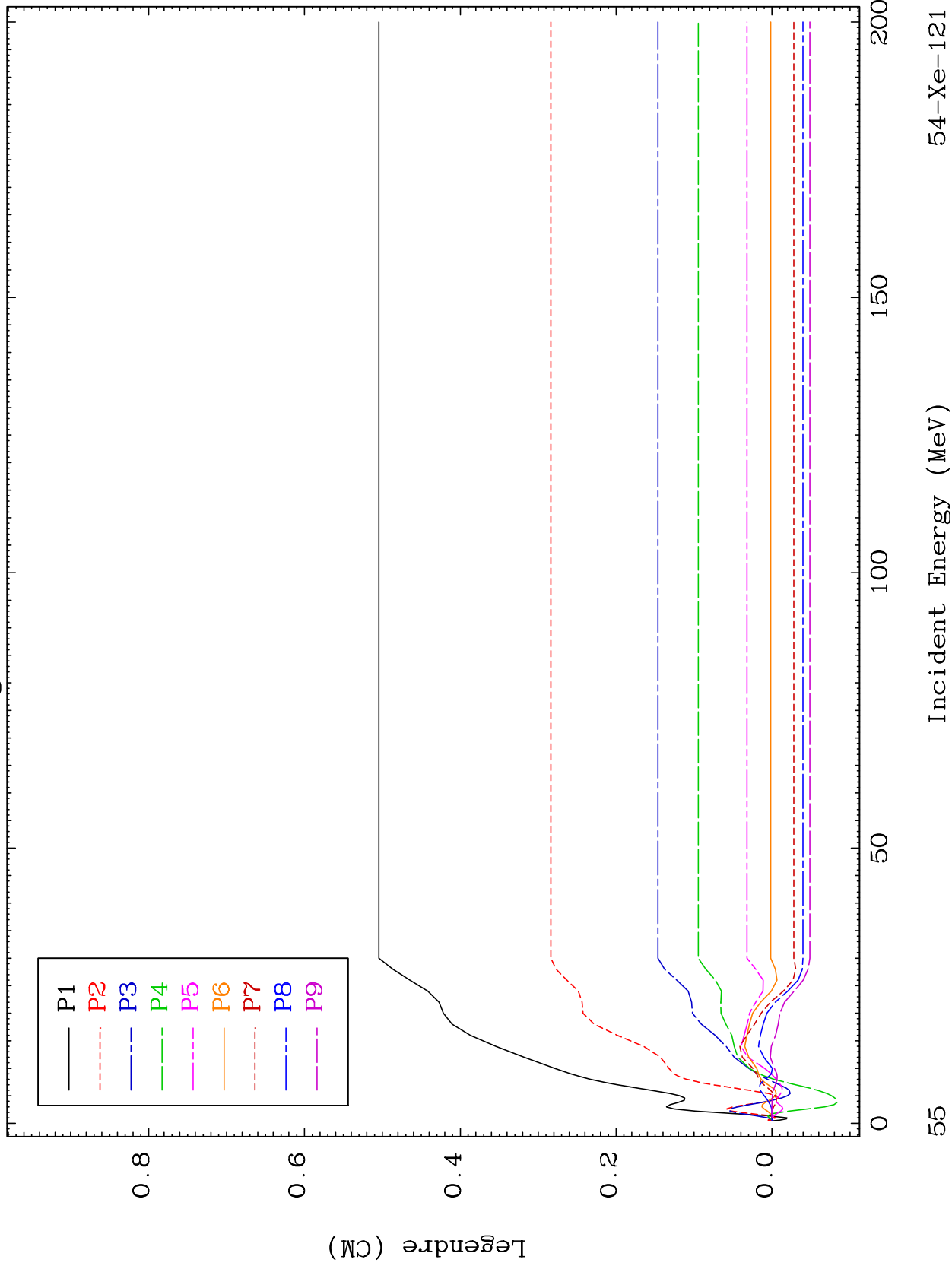
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54-Xe-121

MAT 5416

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

54-Xe-121



54-Xe-121

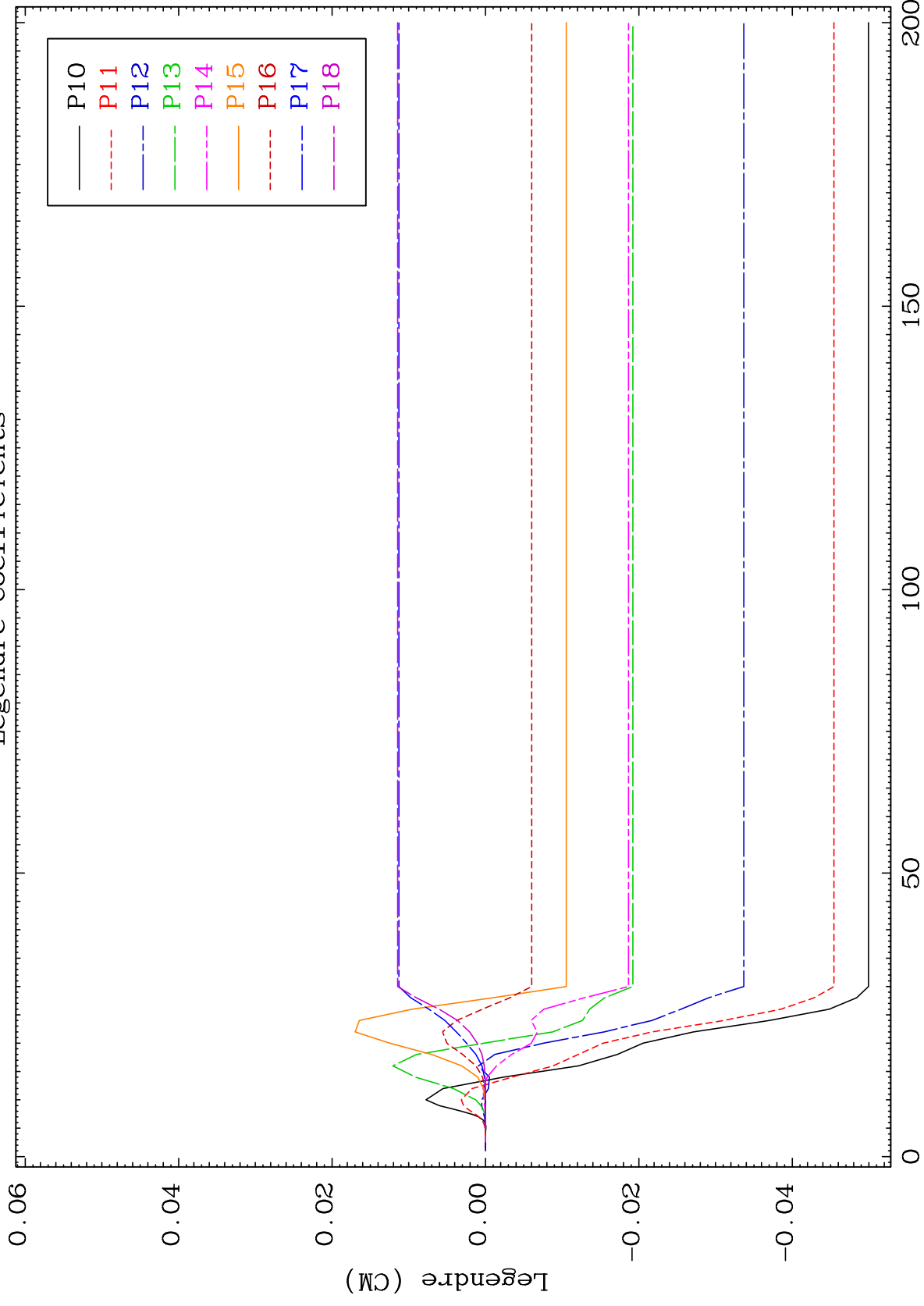
Incident Energy (MeV)

55

MAT 5416

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

54-Xe-121



56

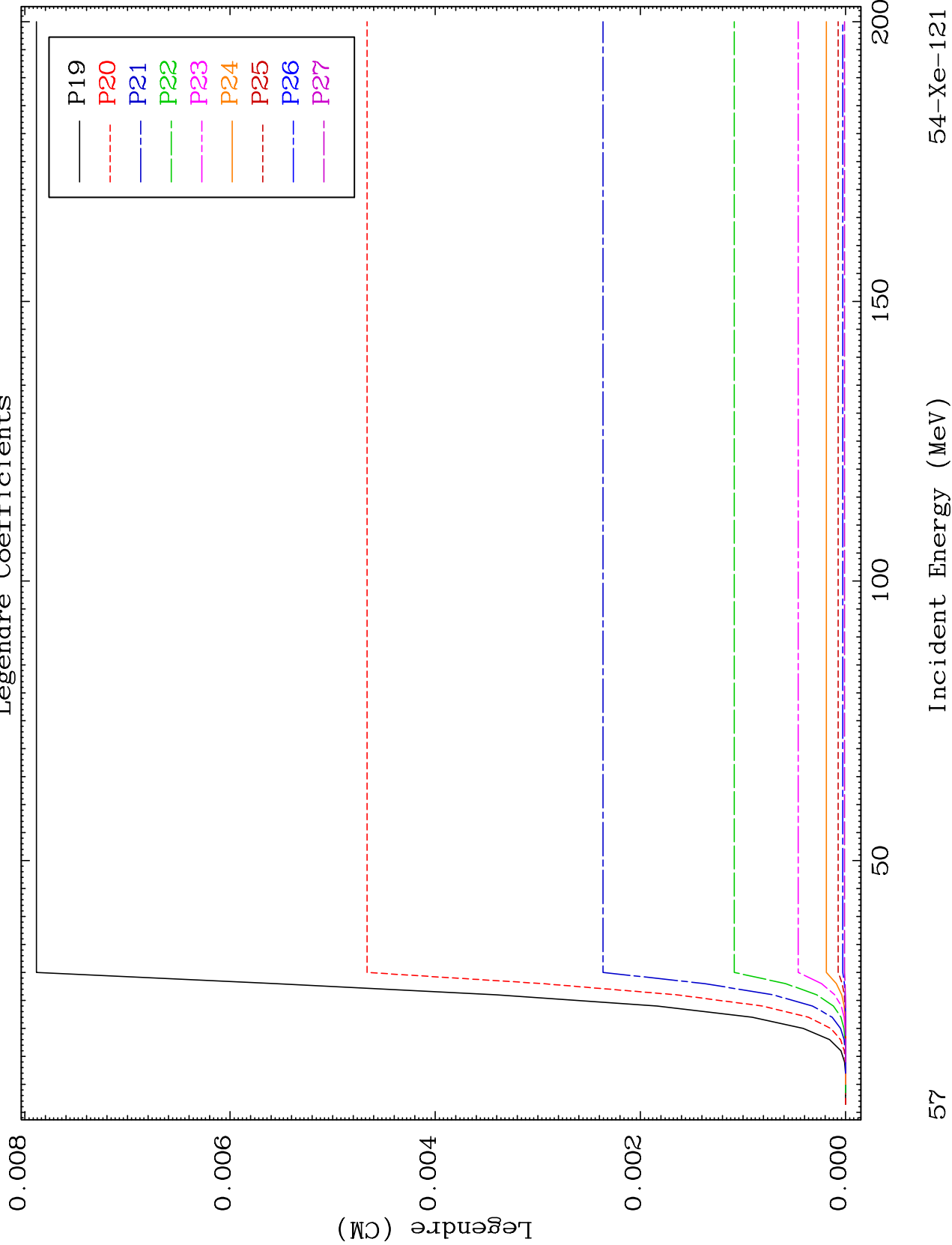
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



57

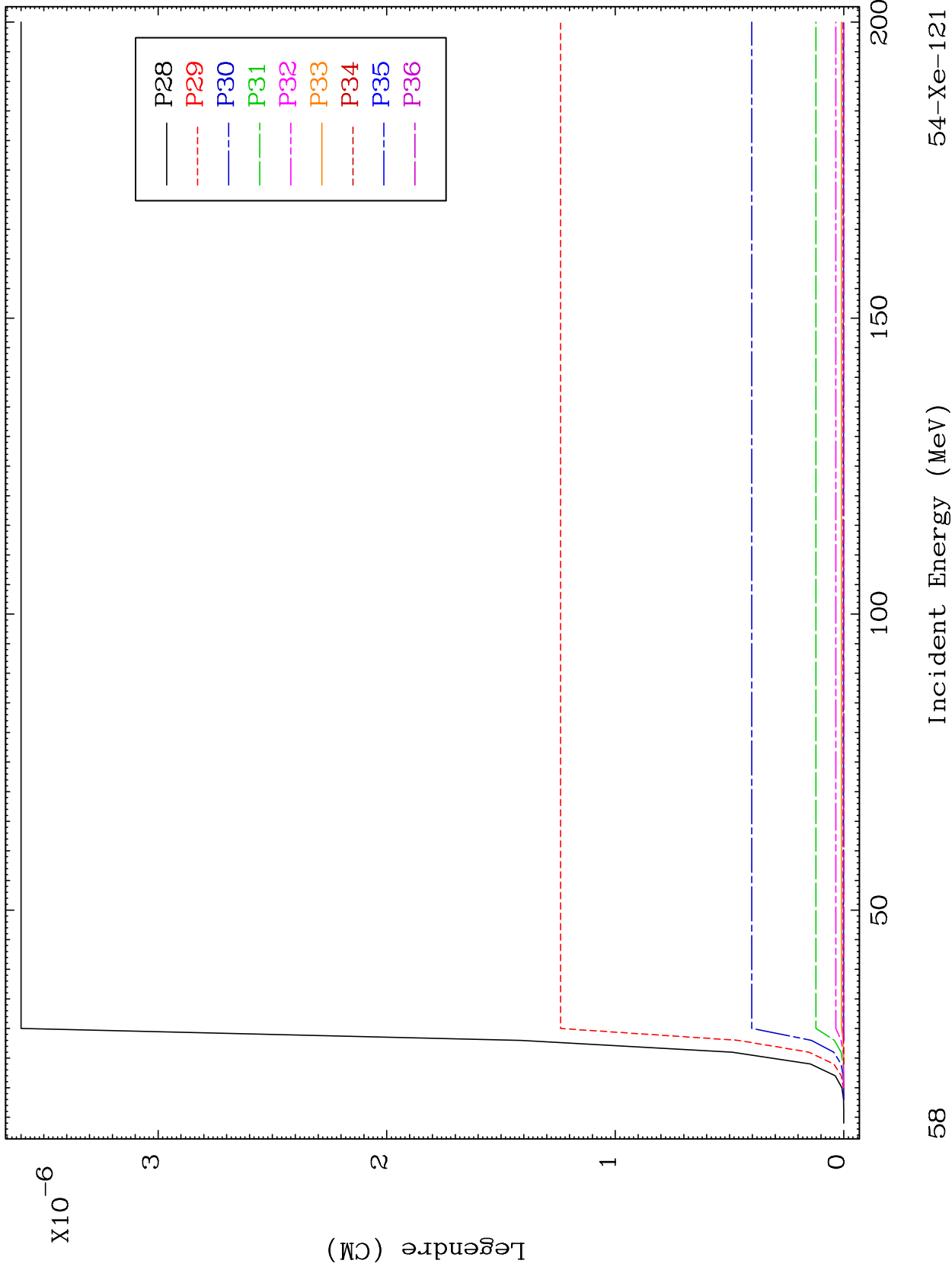
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



58

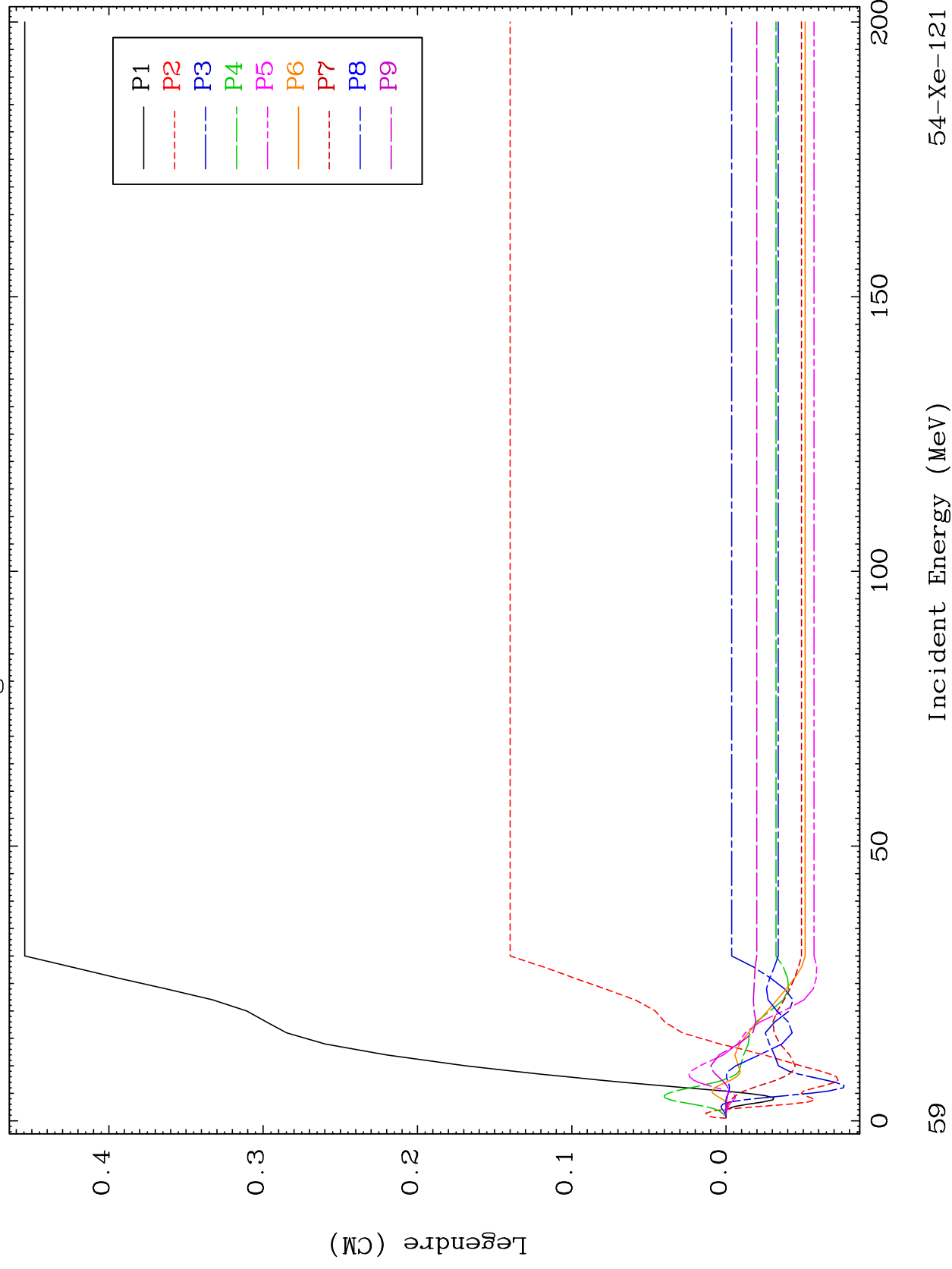
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

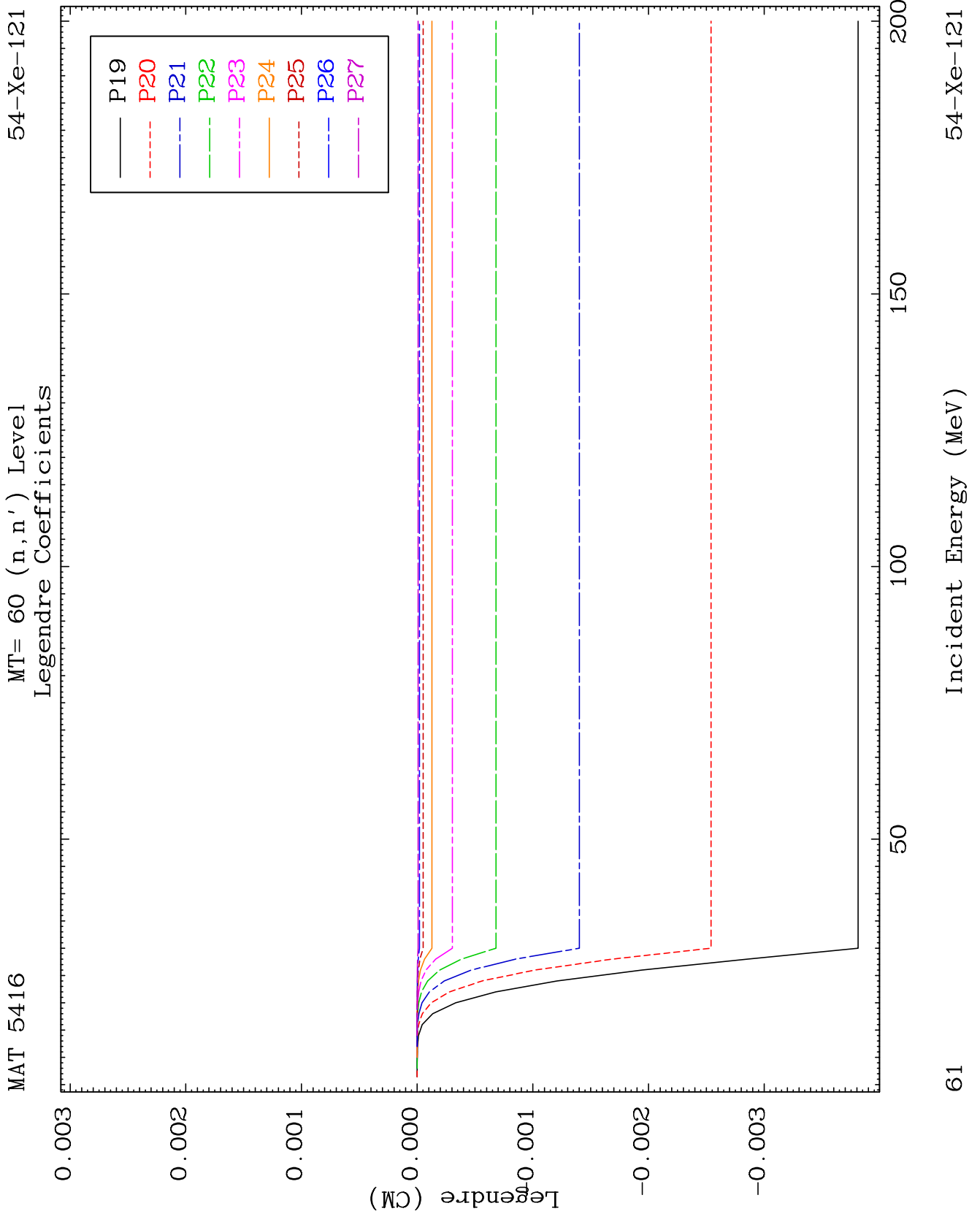
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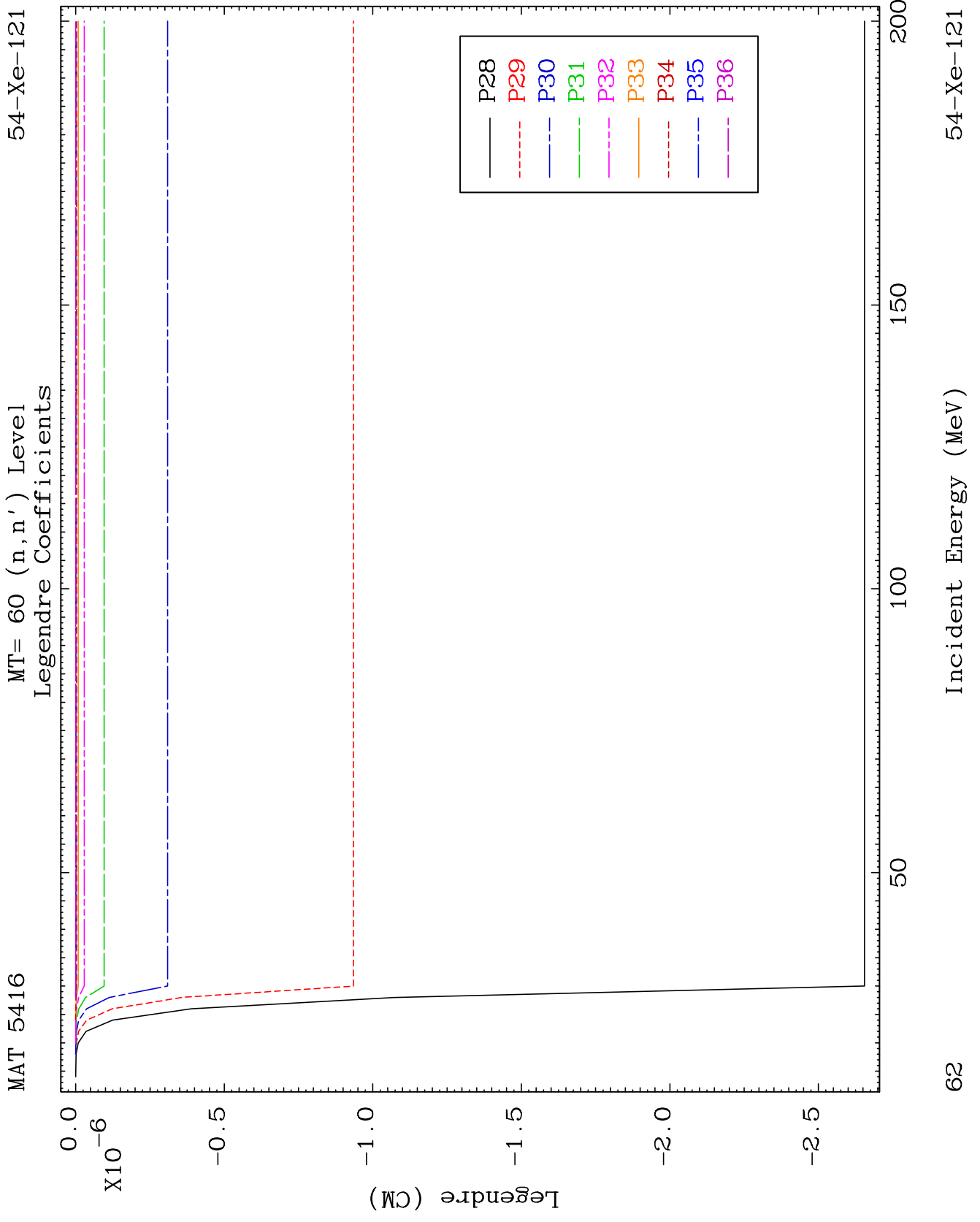


54-Xe-121

Incident Energy (MeV)

59

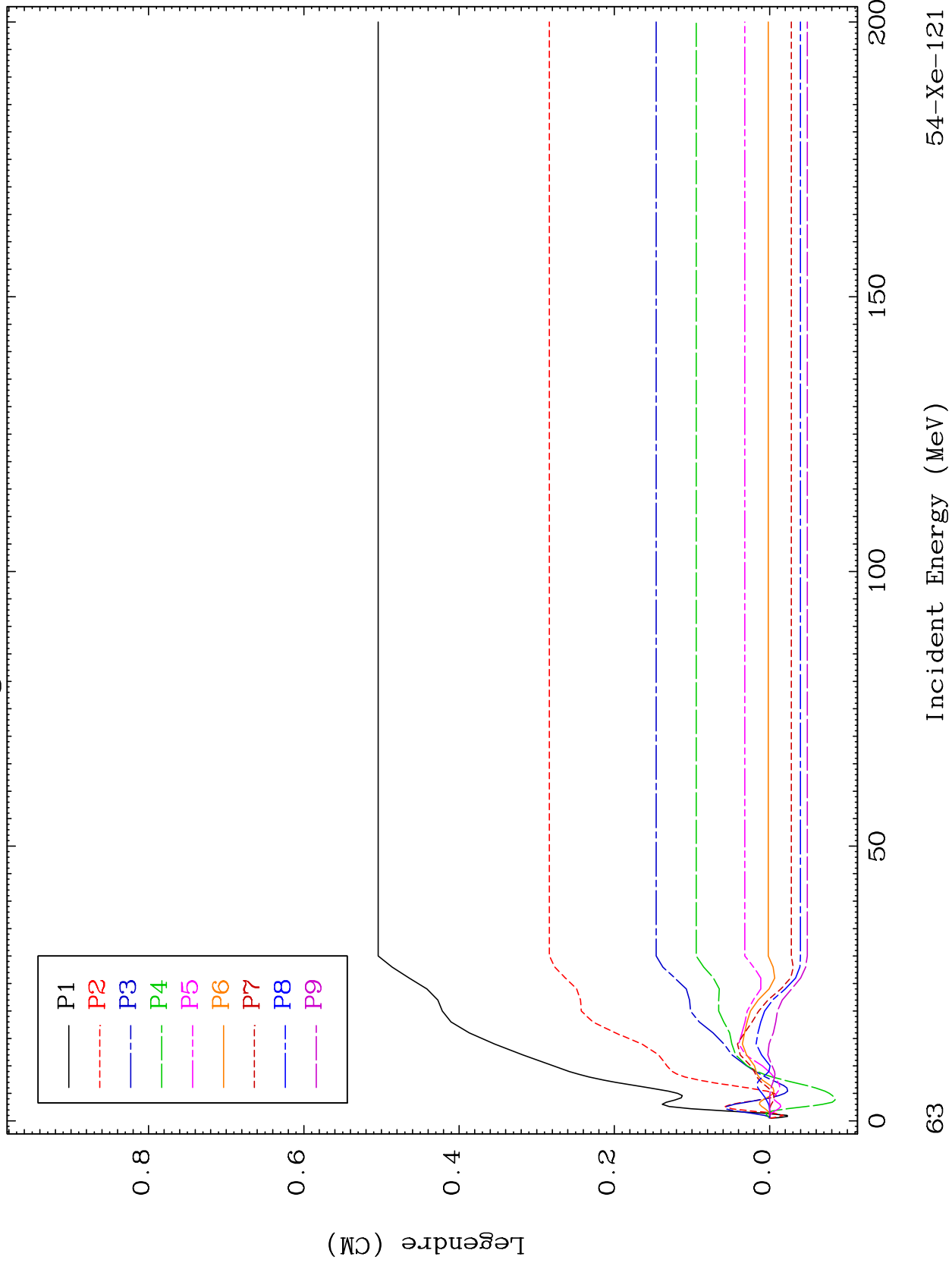




MAT 5416

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

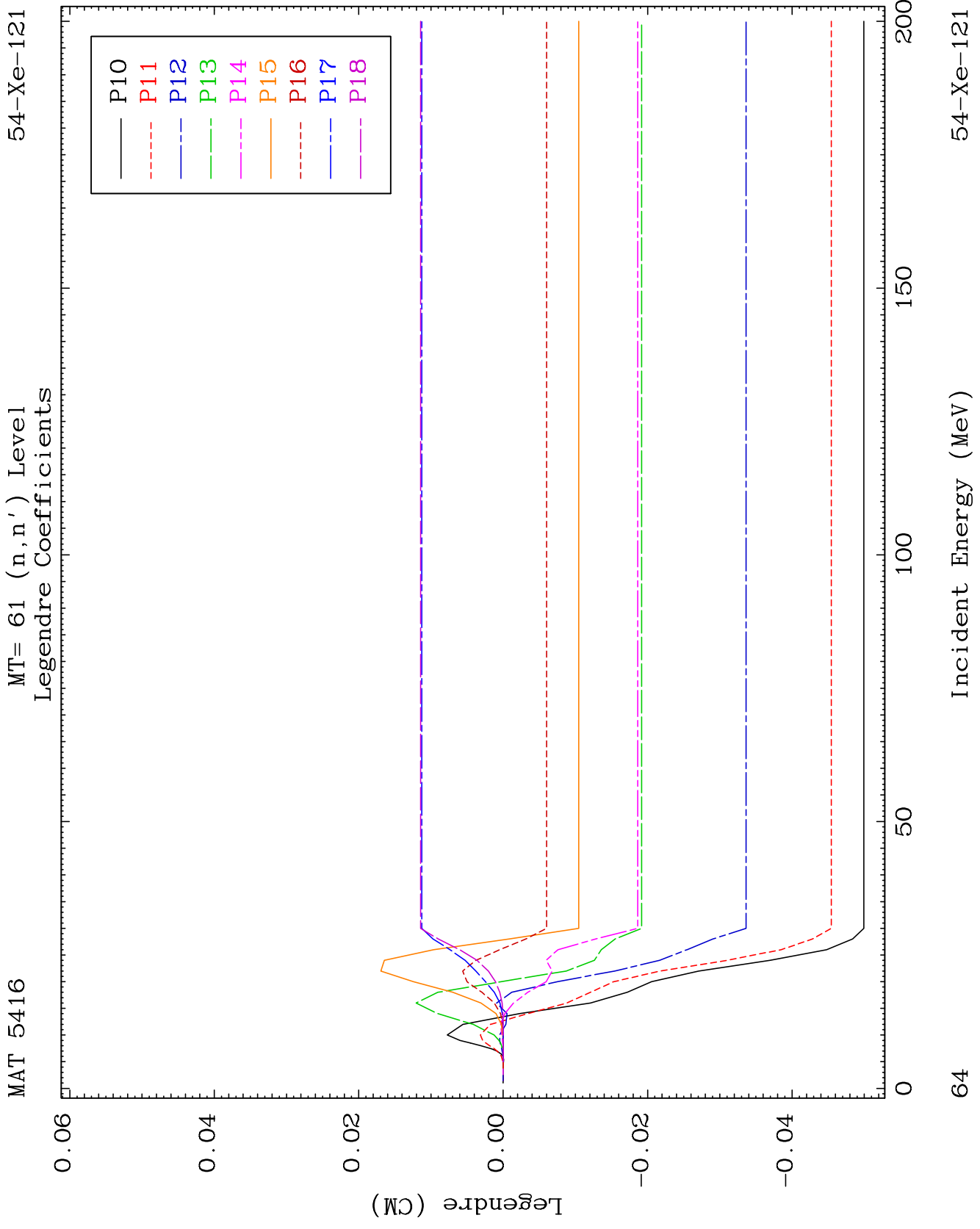
54-Xe-121

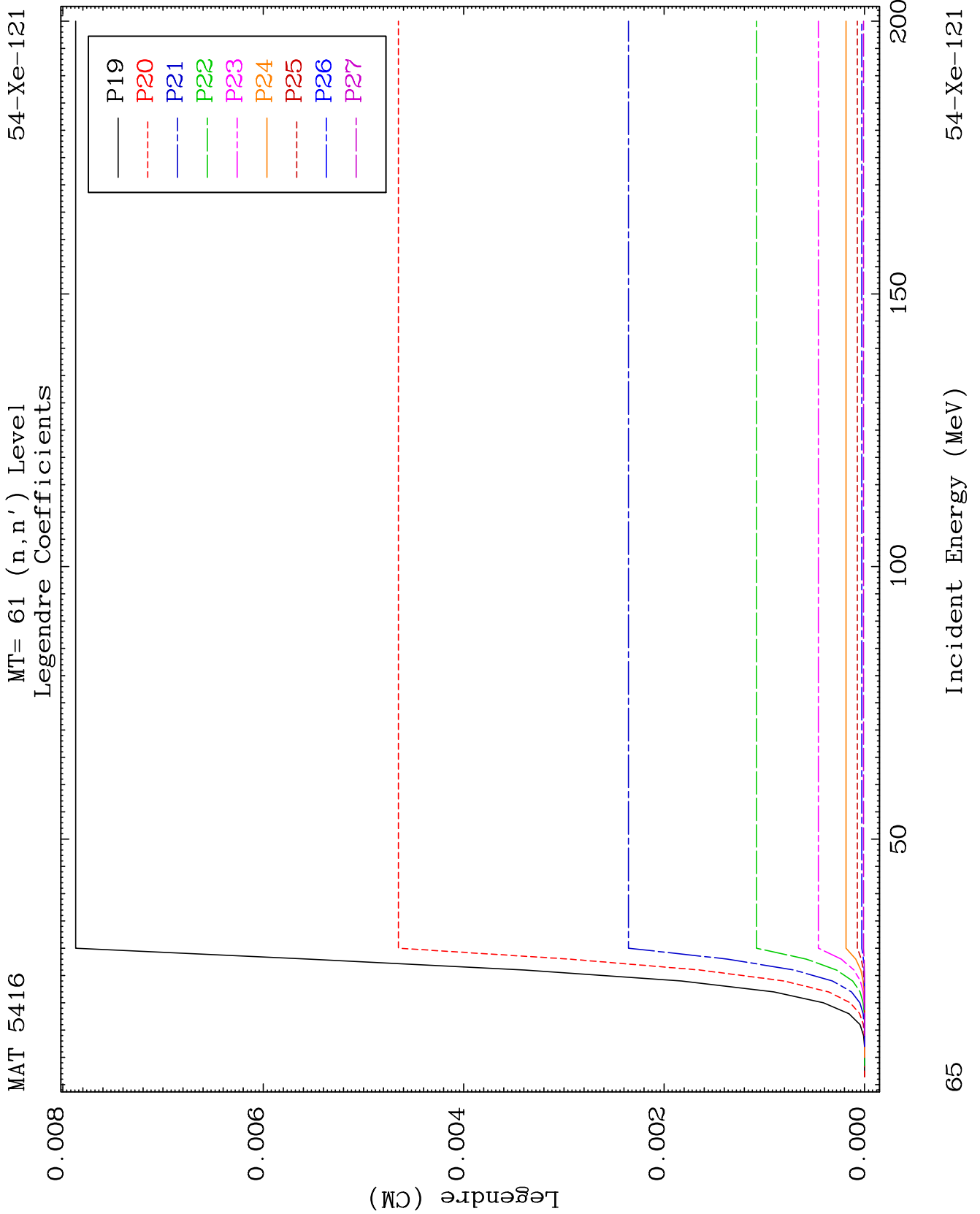


54-Xe-121

Incident Energy (MeV)

63

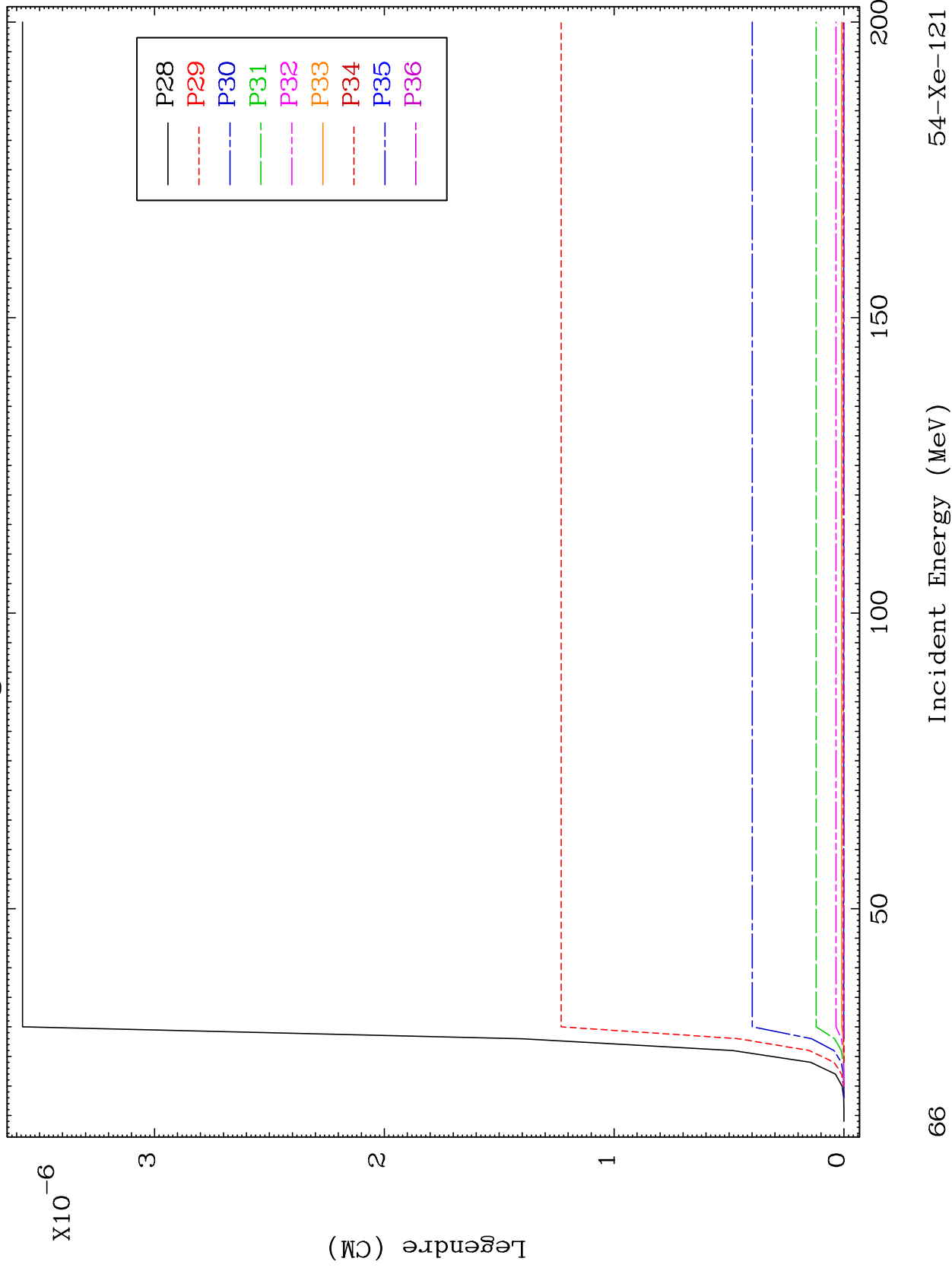




MAT 5416

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

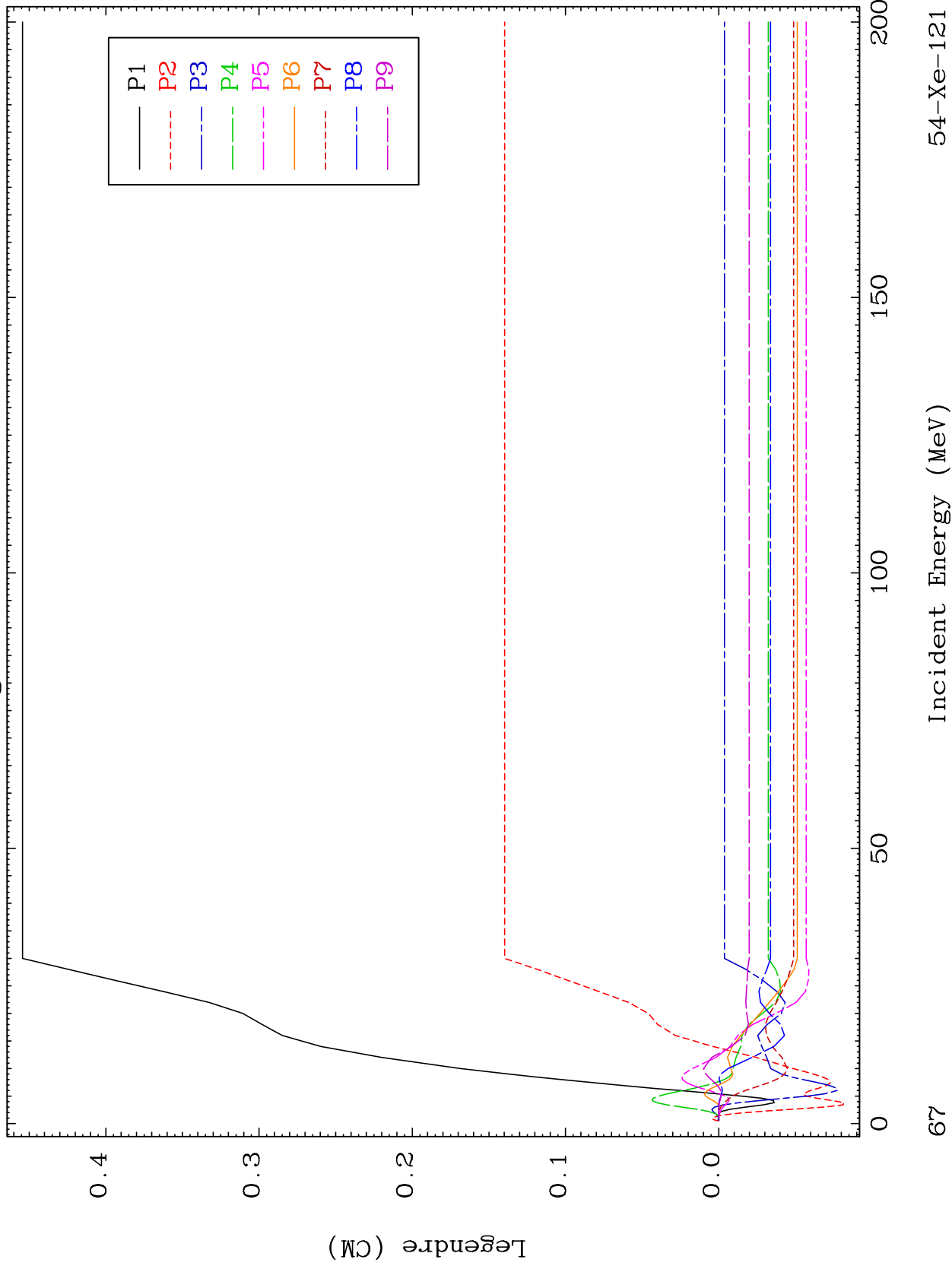
54-Xe-121



MAT 5416

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

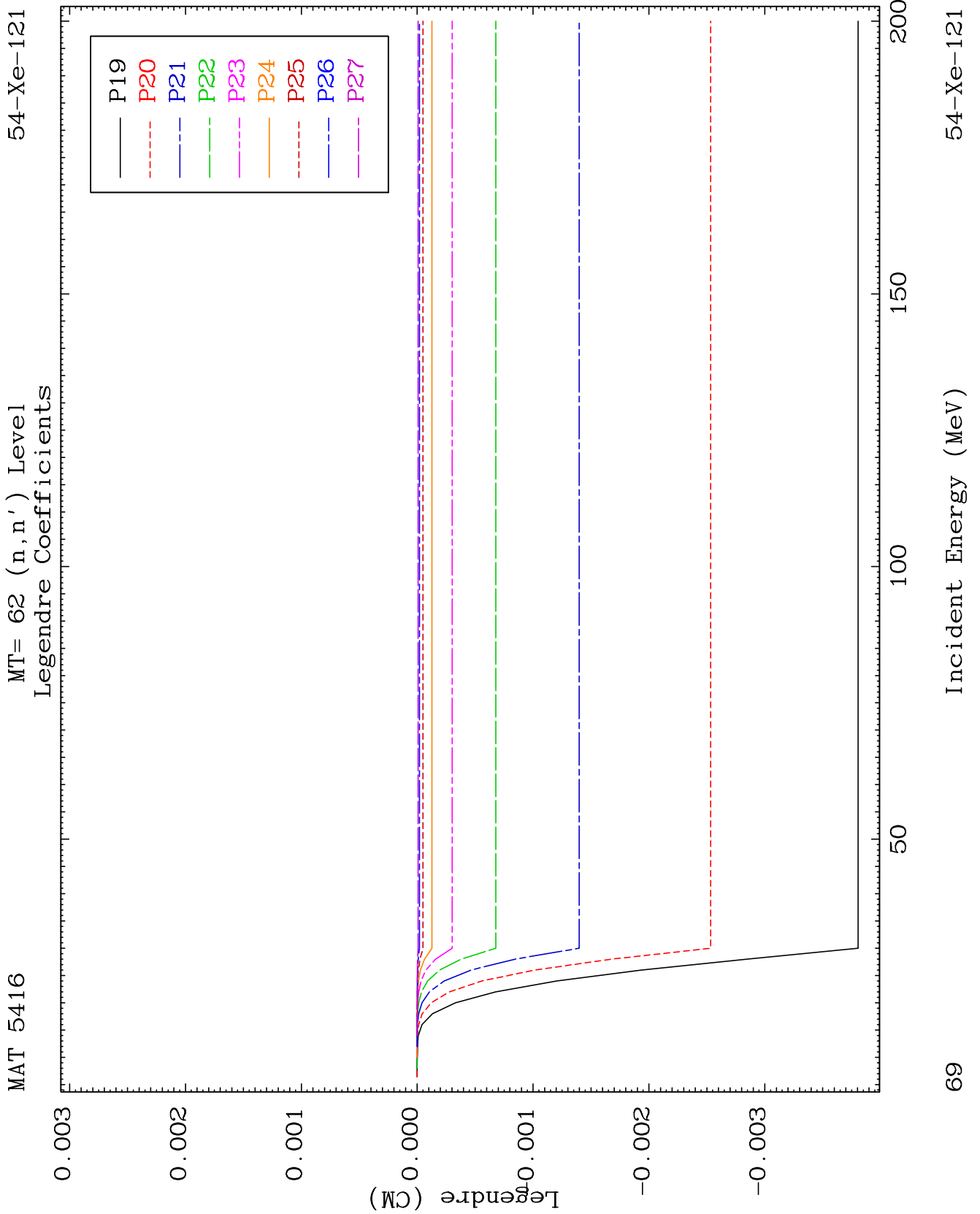
54-Xe-121

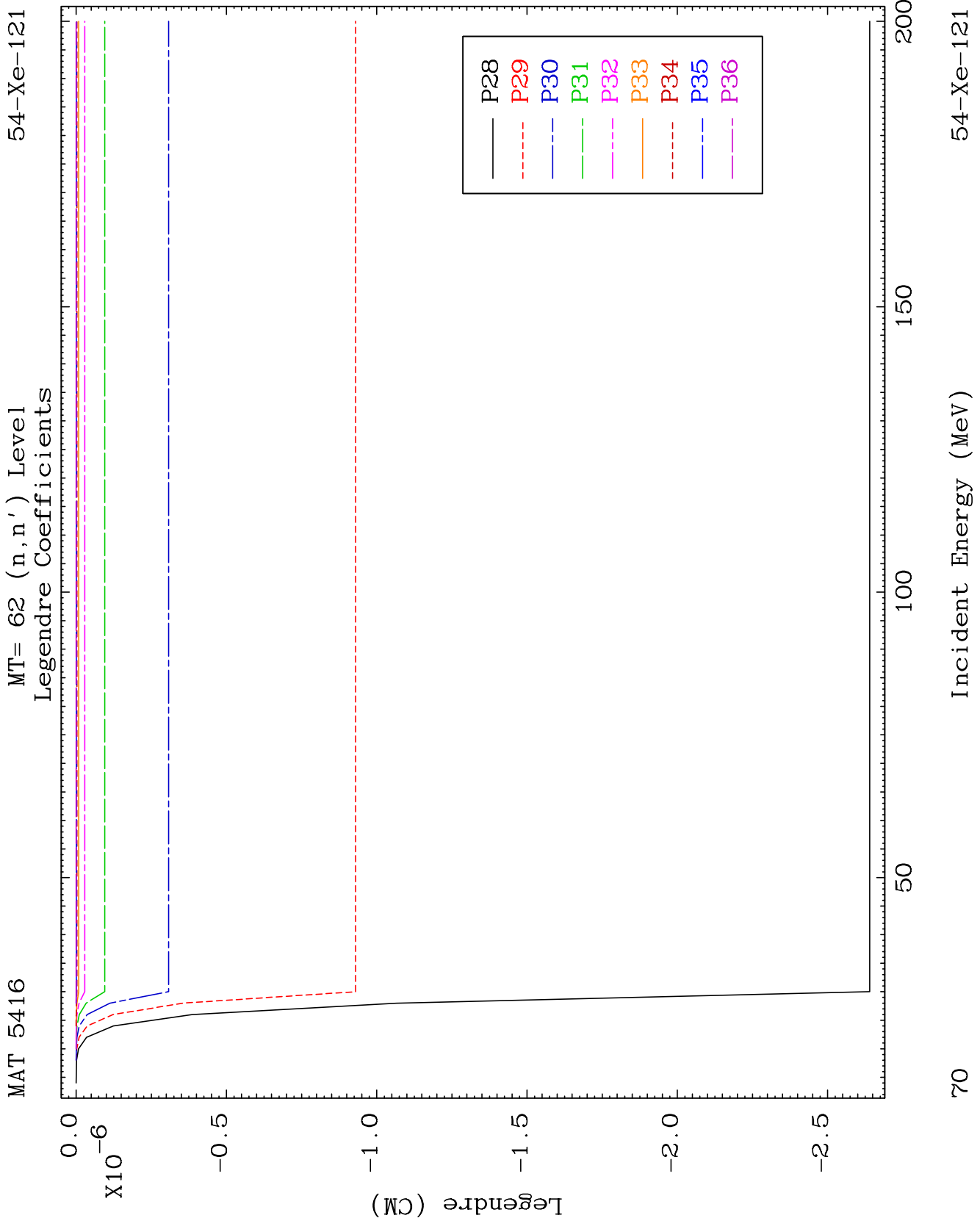


54-Xe-121

Incident Energy (MeV)

67



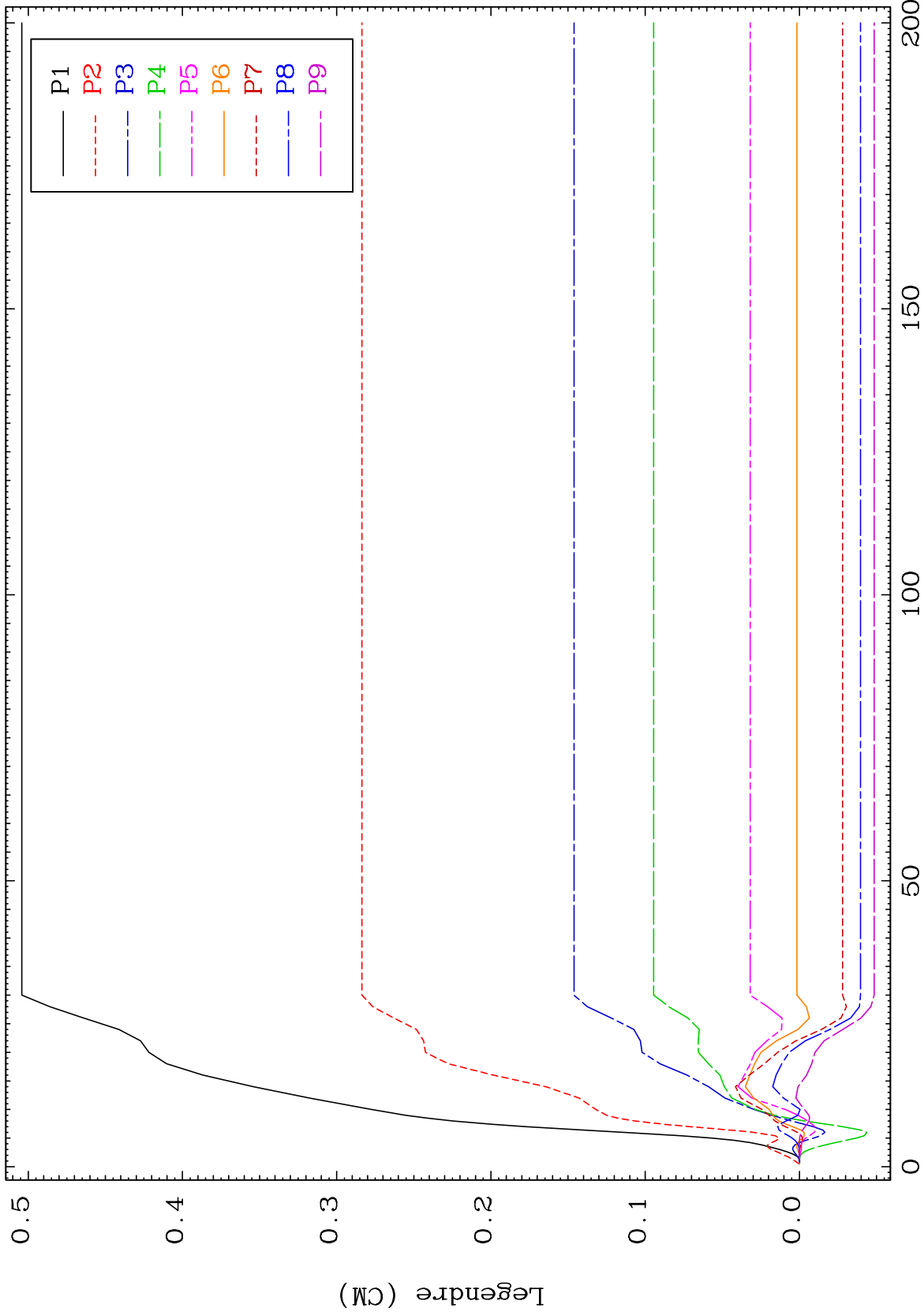


MAT 5416

MT= 63 (n,n') Level

54-Xe-121

Legendre Coefficients



71

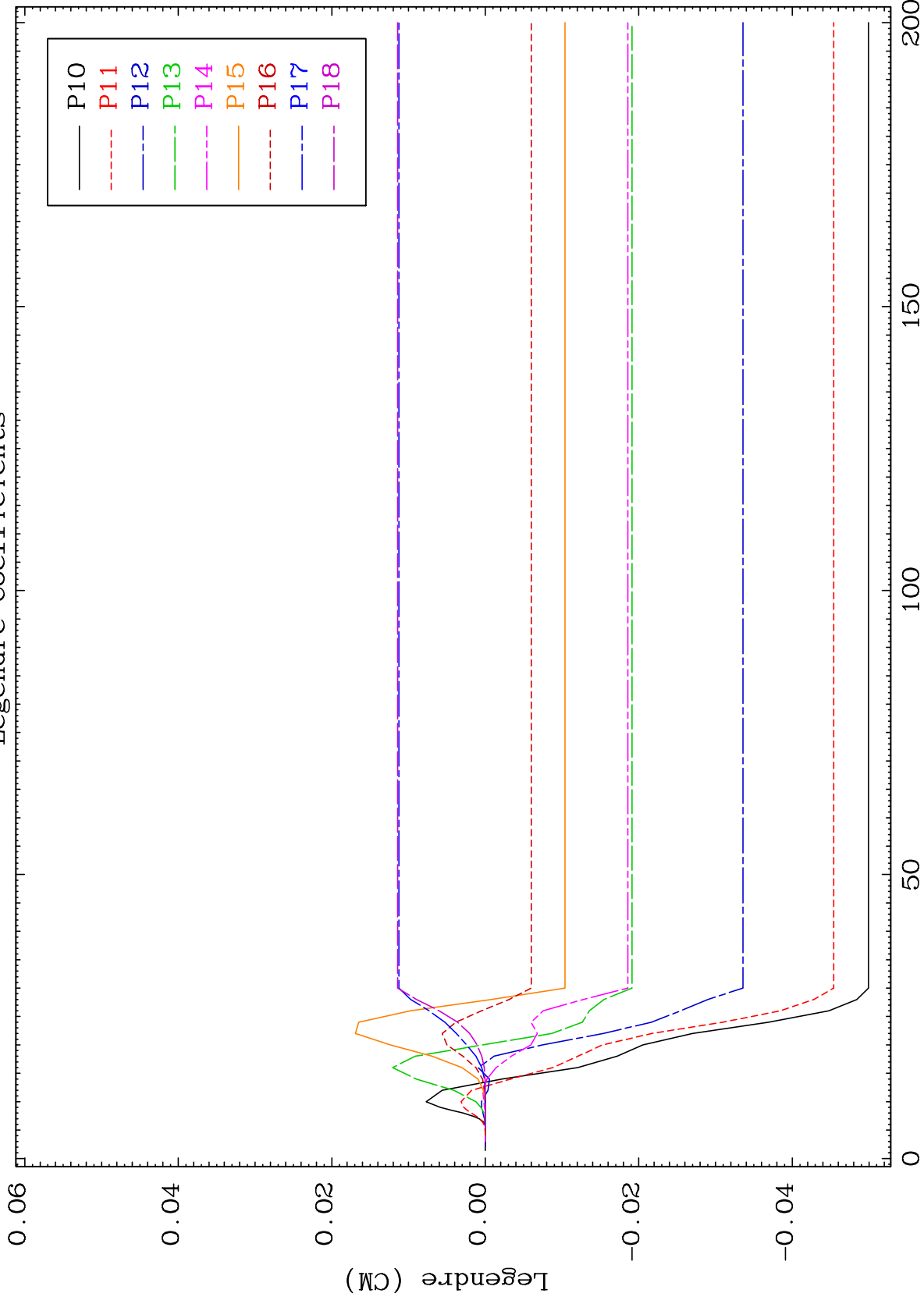
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



72

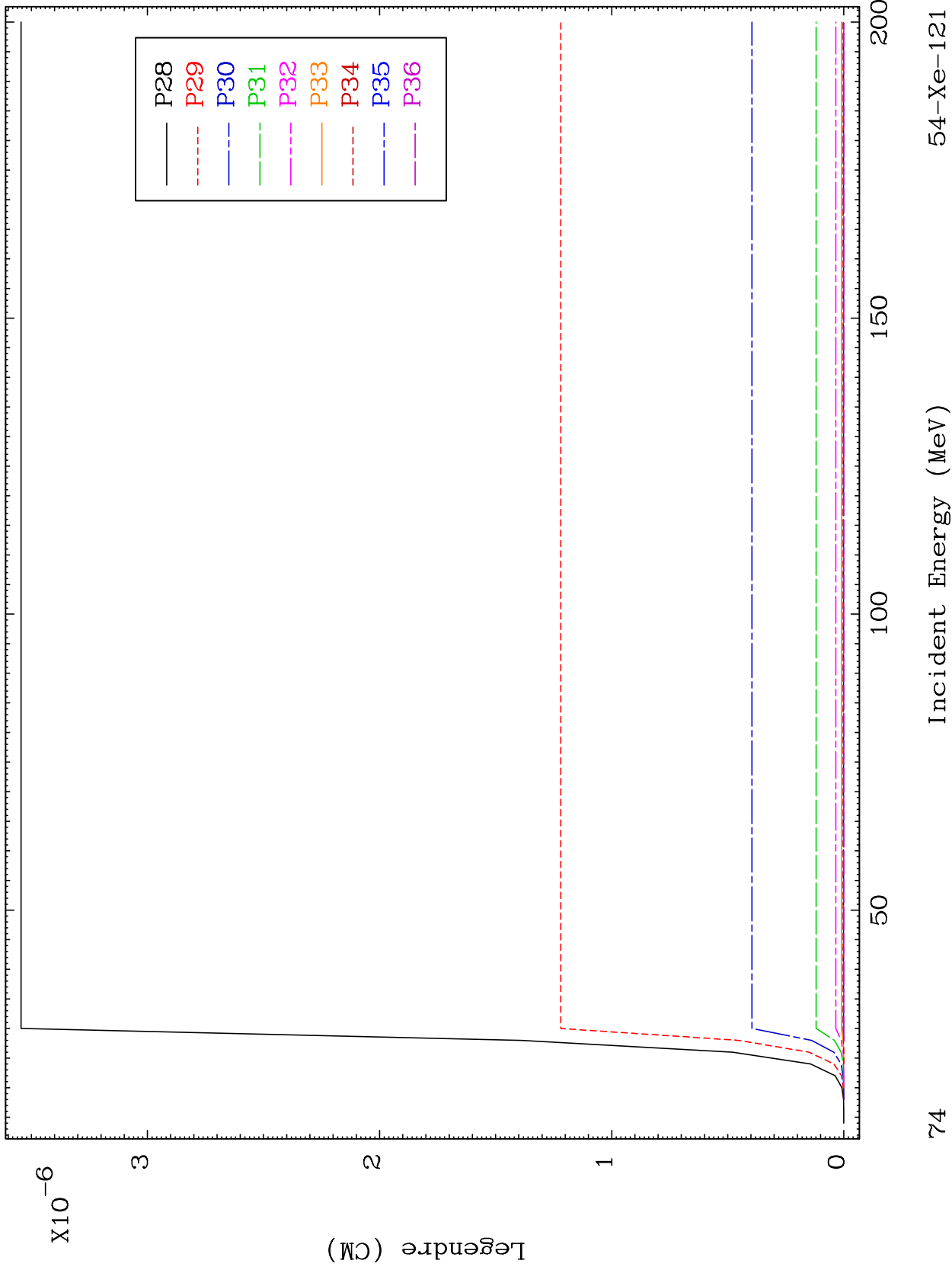
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

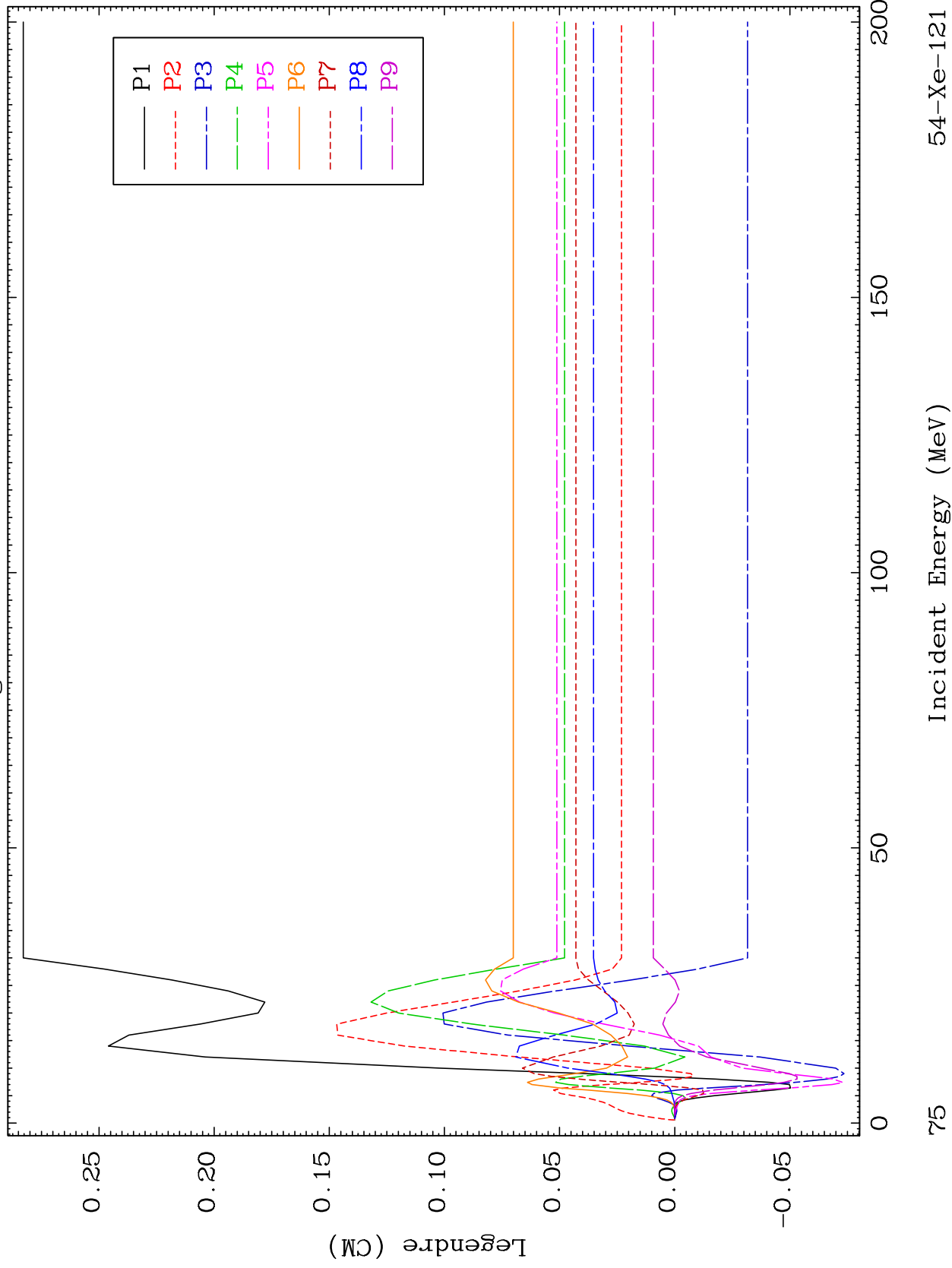
54-Xe-121



MAT 5416

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

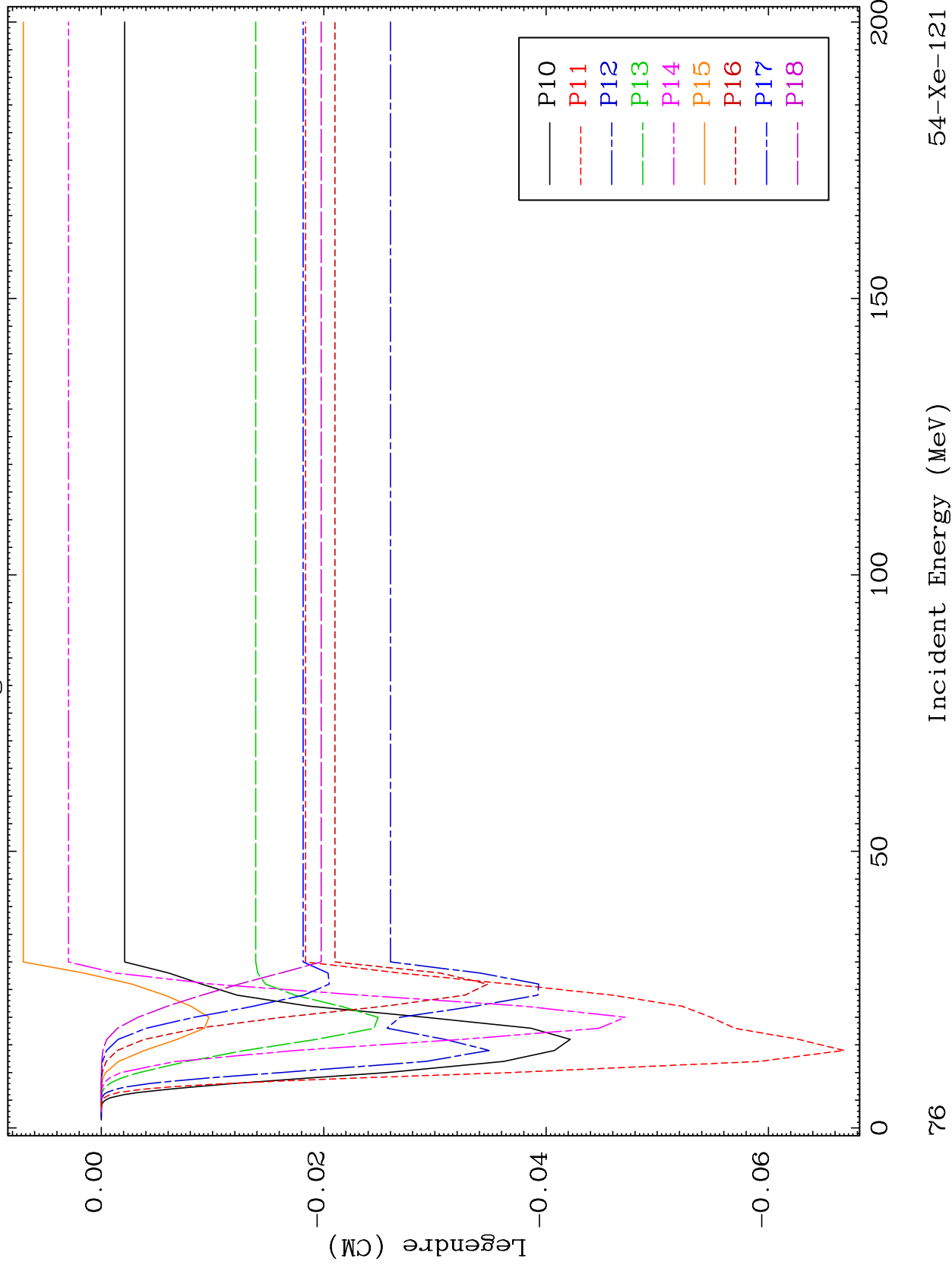
54-Xe-121



MAT 5416

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

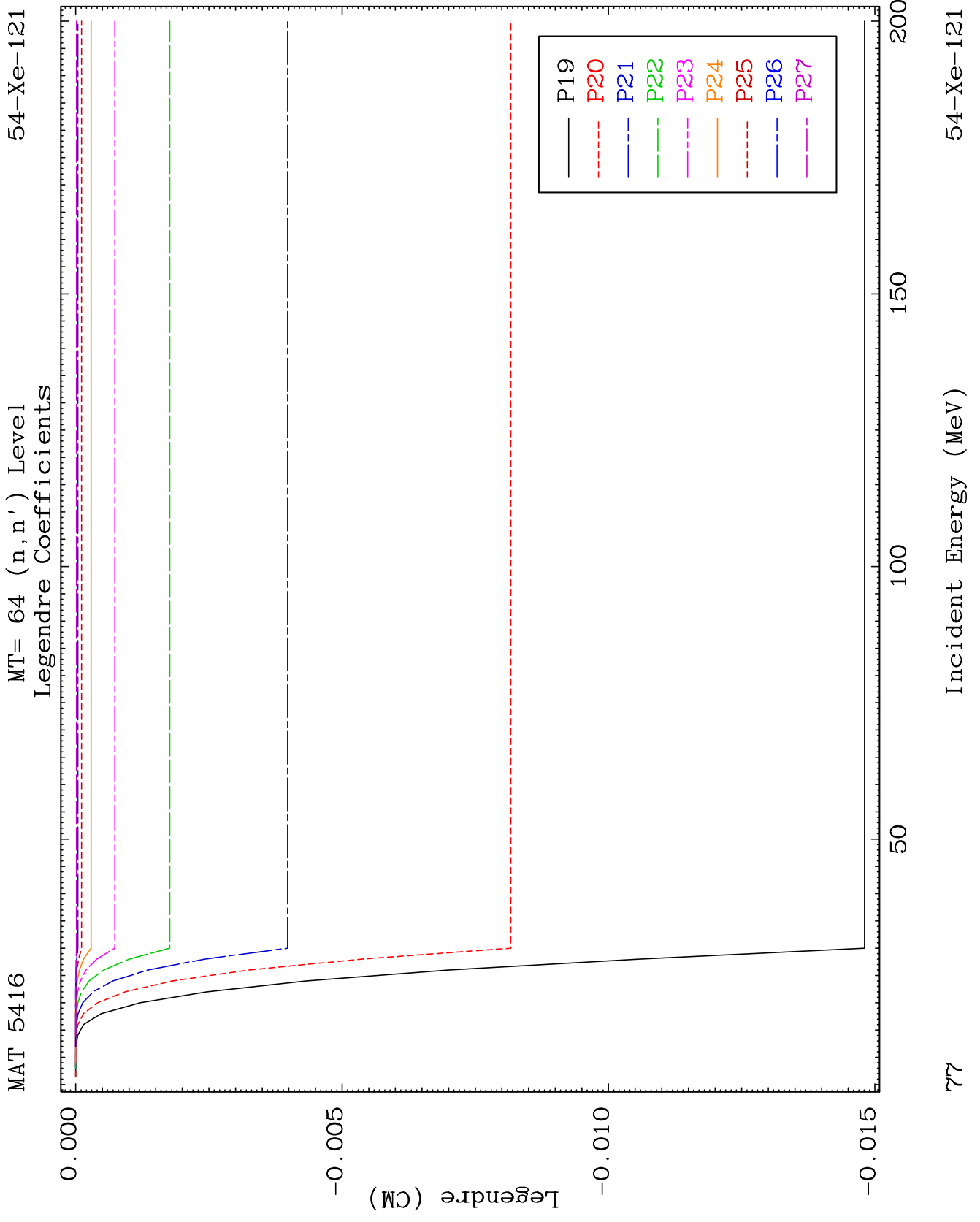
54-Xe-121

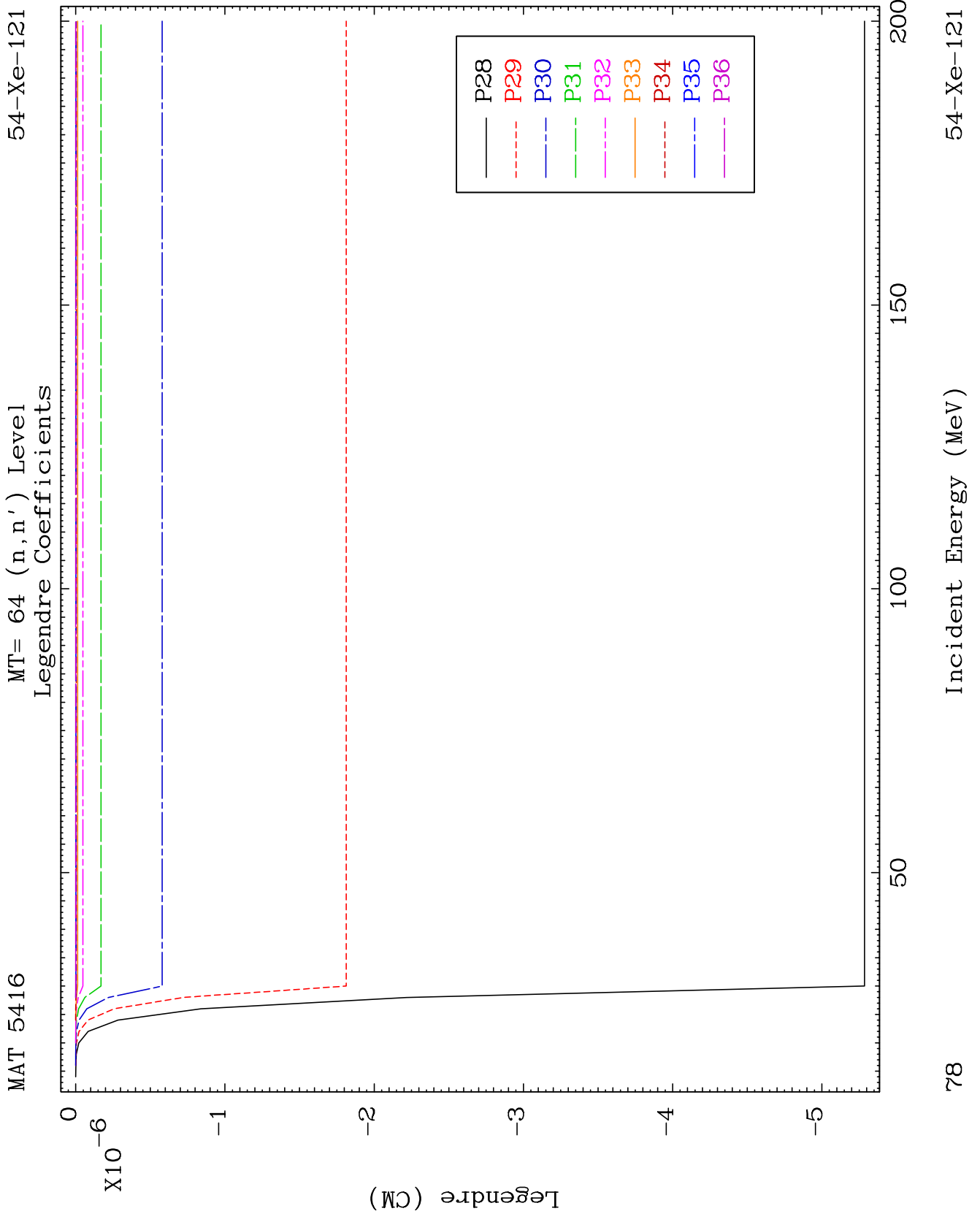


54-Xe-121

Incident Energy (MeV)

76

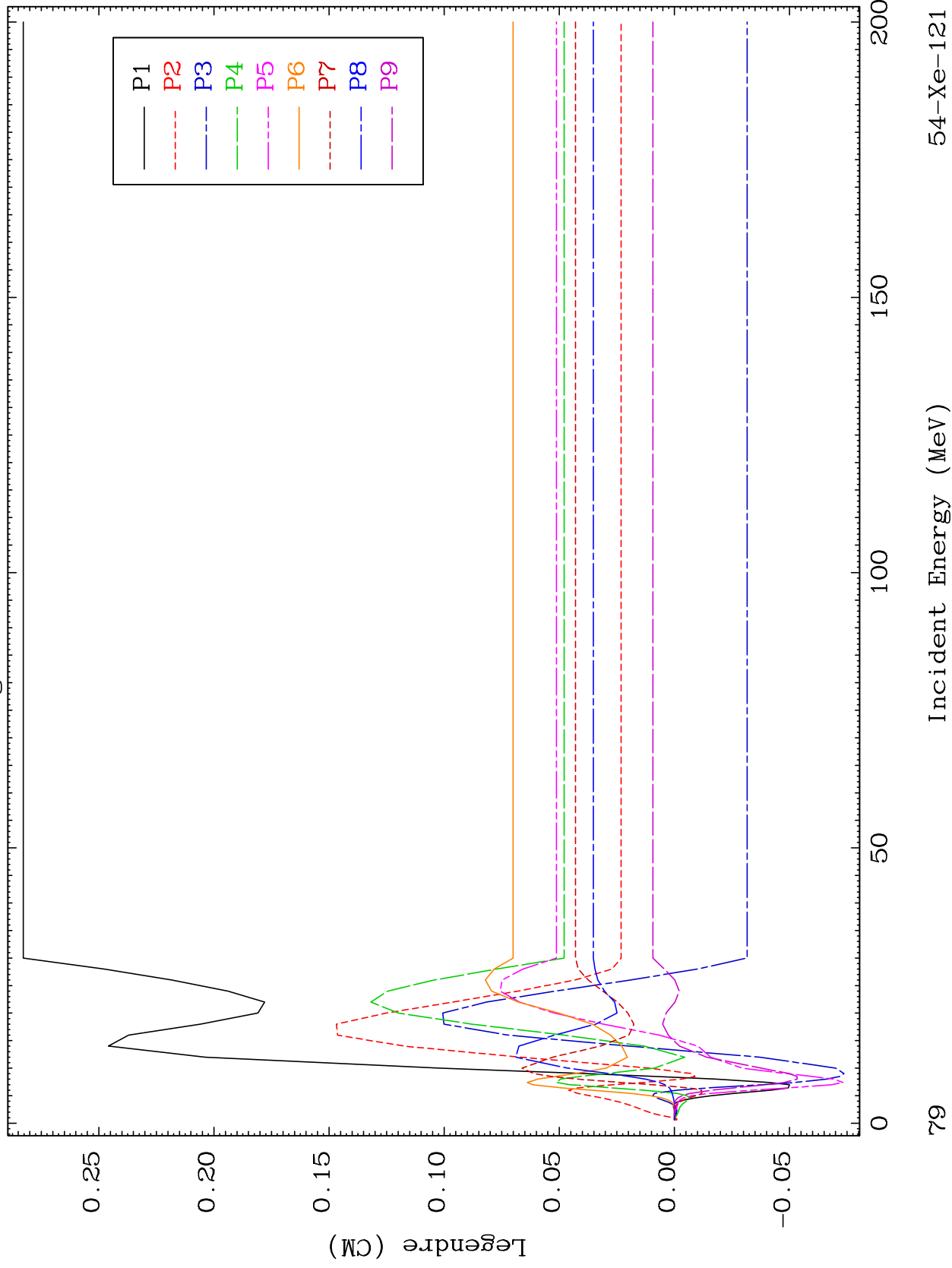




MAT 5416

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

54-Xe-121



79

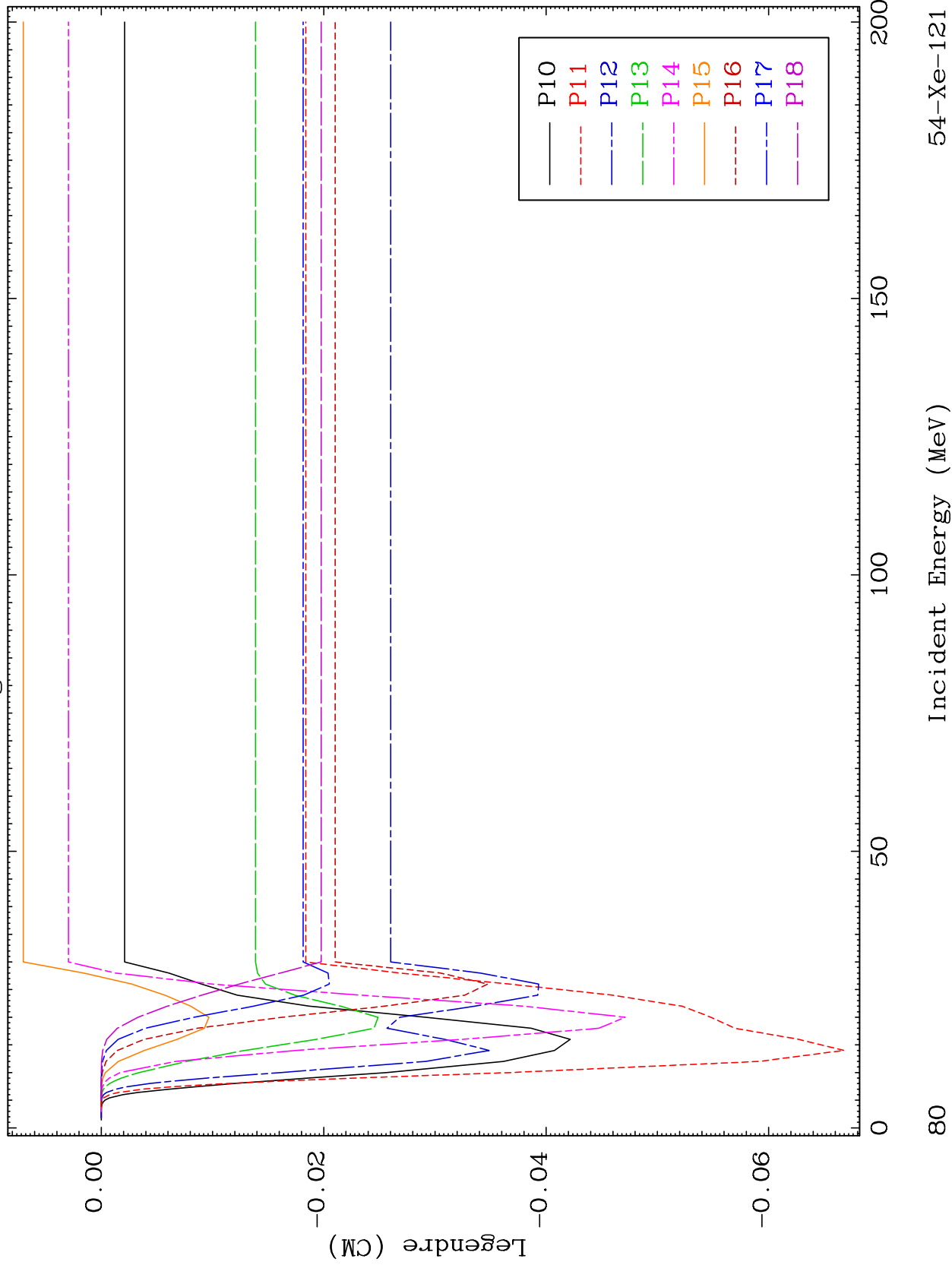
Incident Energy (MeV)

54-Xe-121

MAT 5416

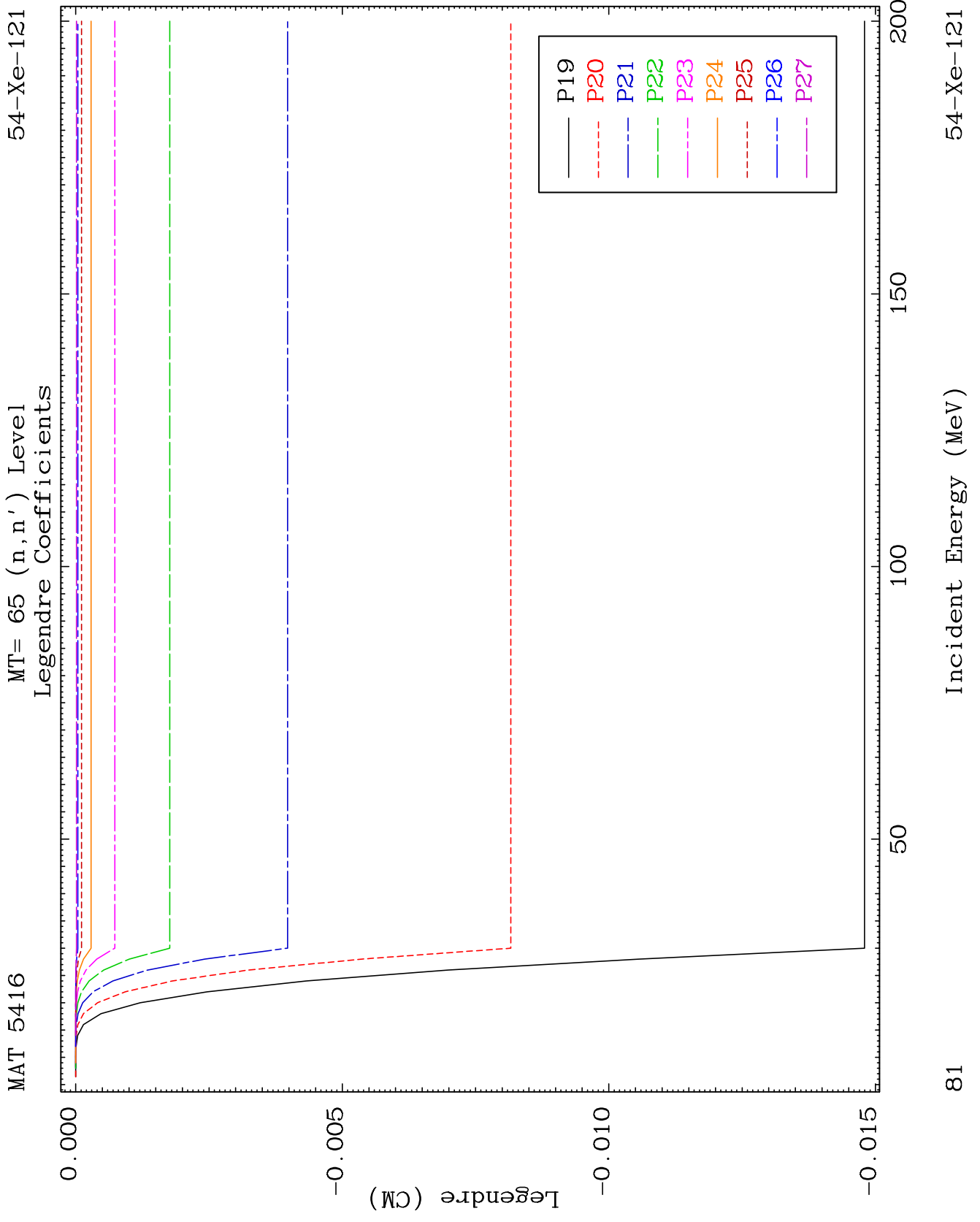
MT= 65 (n,n') Level
Legendre Coefficients

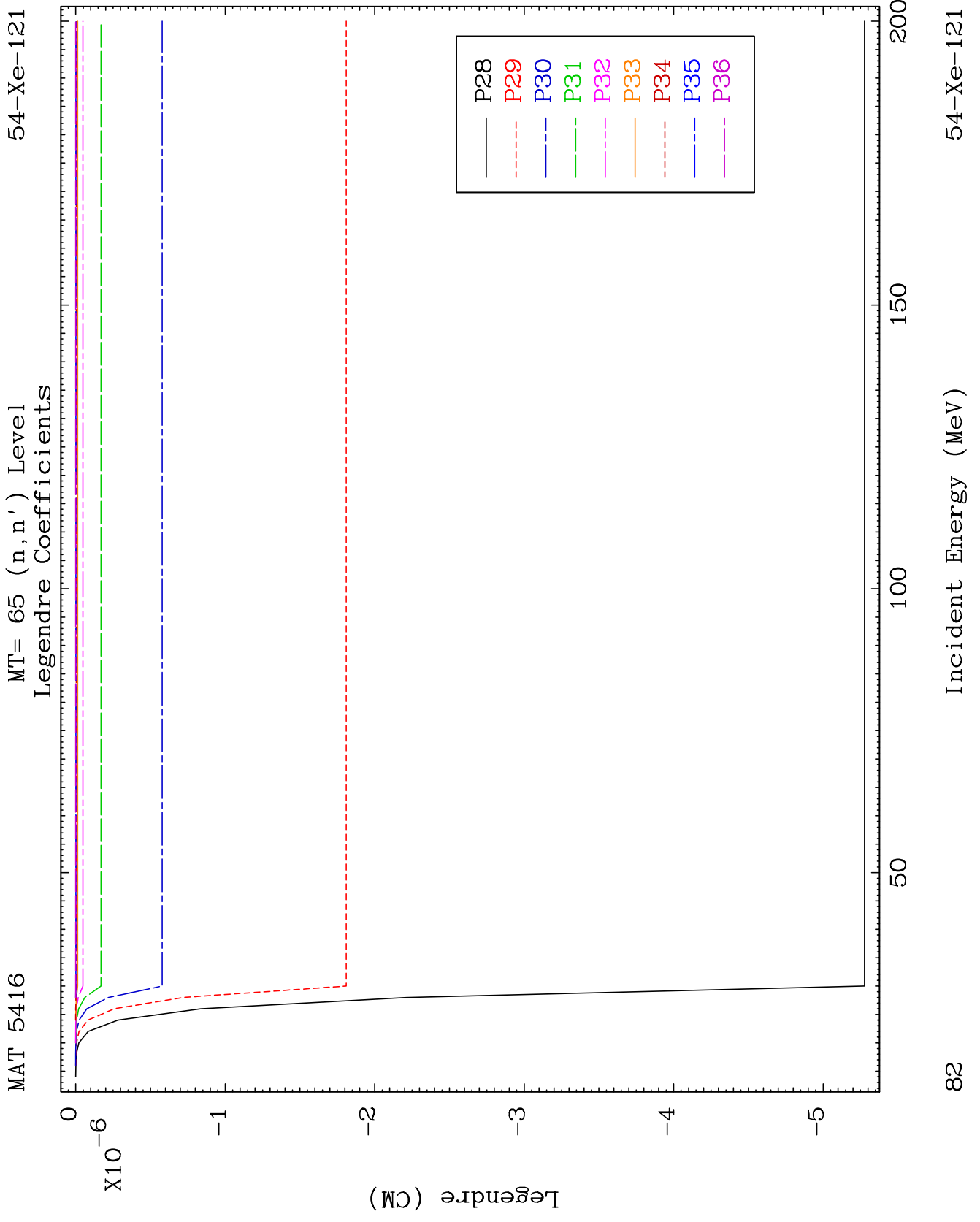
54-Xe-121



54-Xe-121

Incident Energy (MeV)

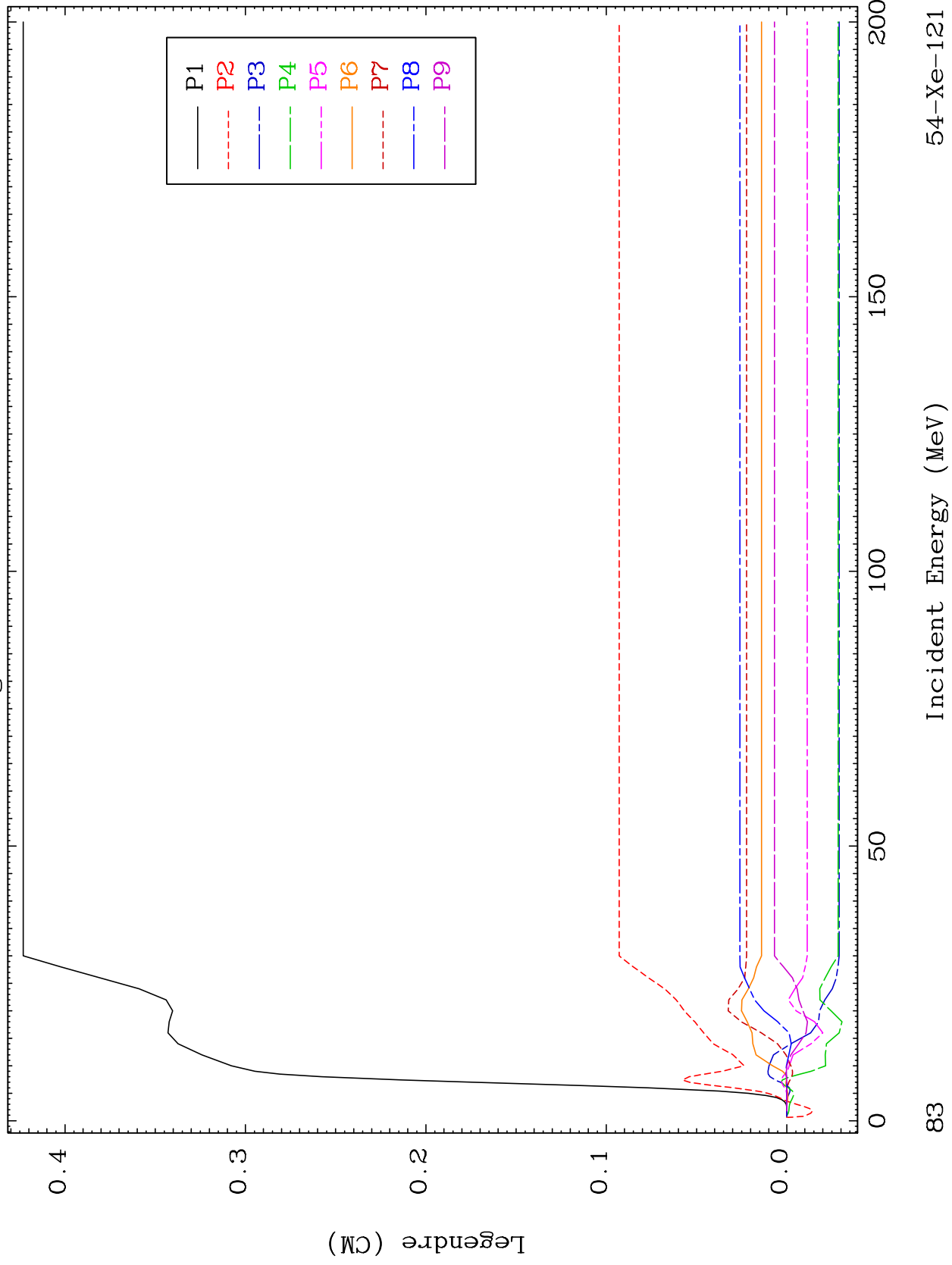




MAT 5416

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

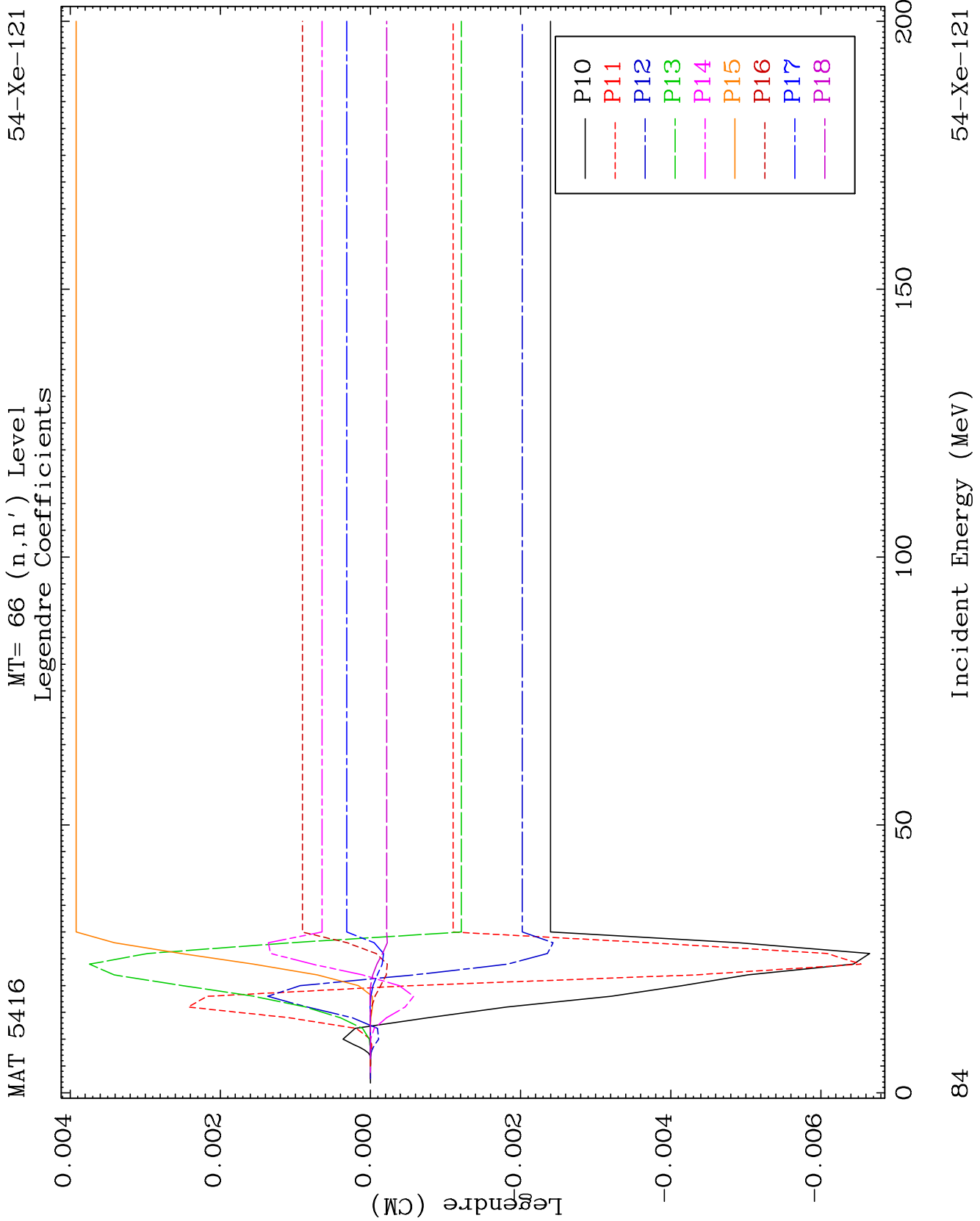
54-Xe-121



83

Incident Energy (MeV)

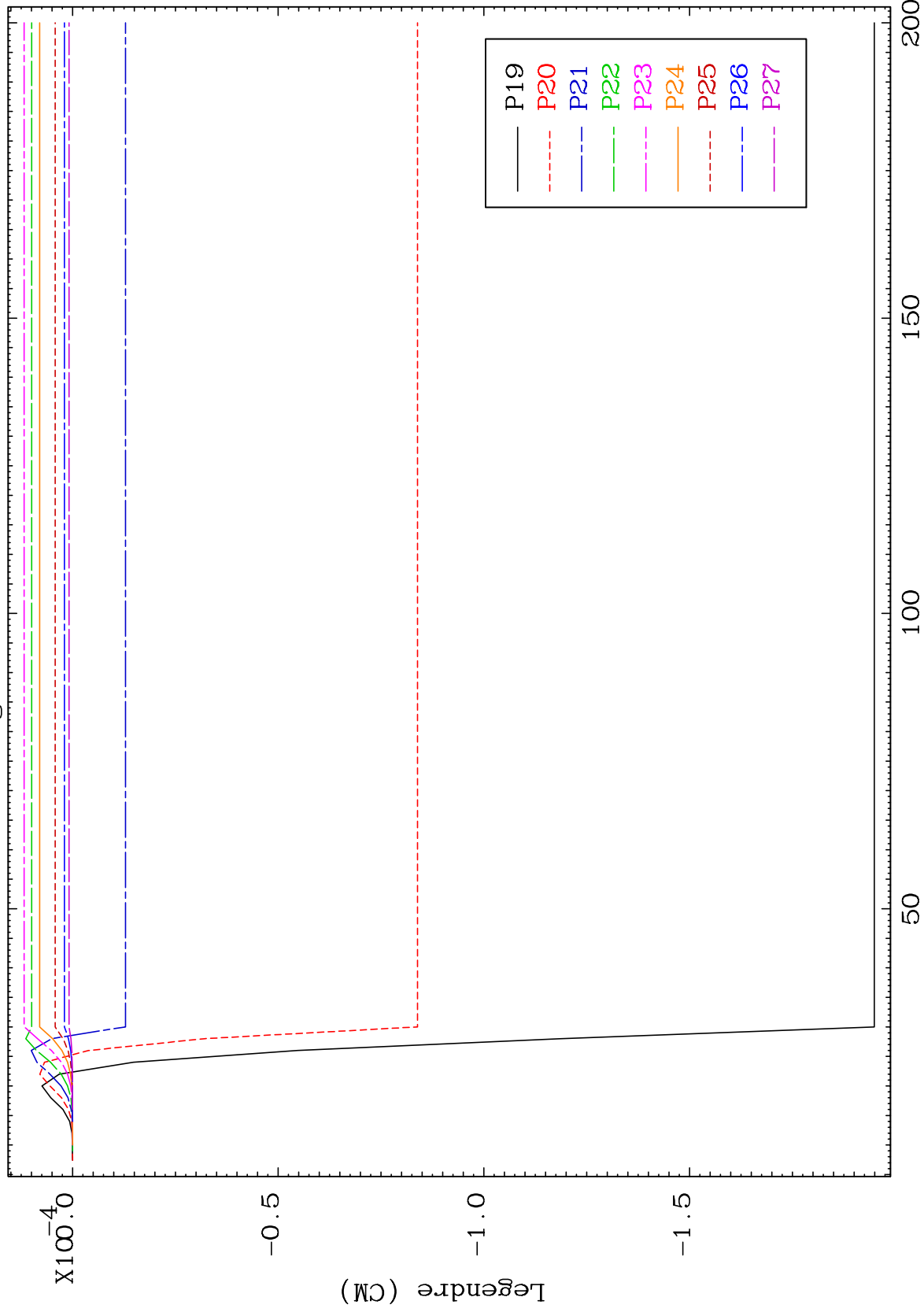
54-Xe-121



MAT 5416

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

54-Xe-121



85

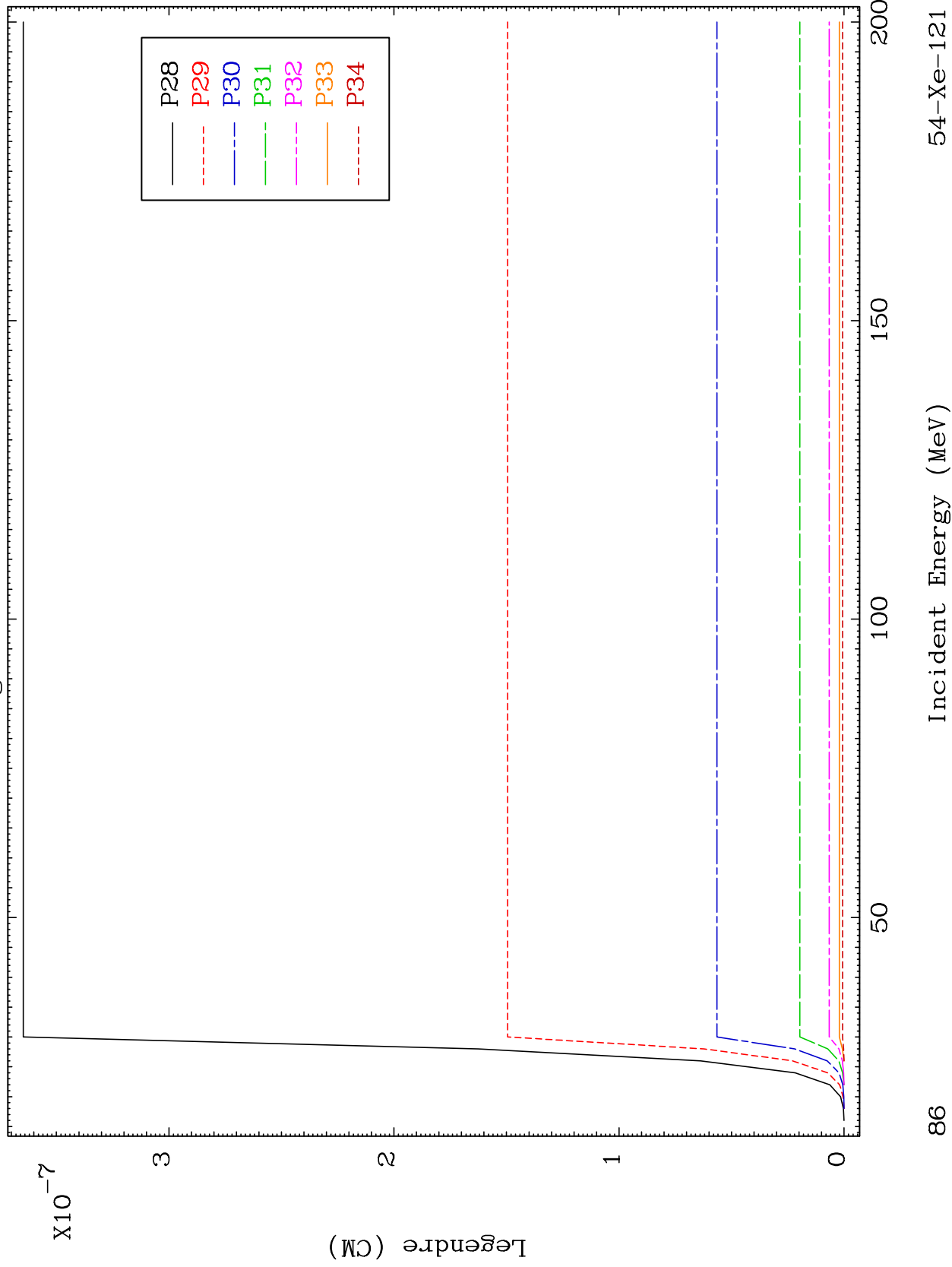
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



86

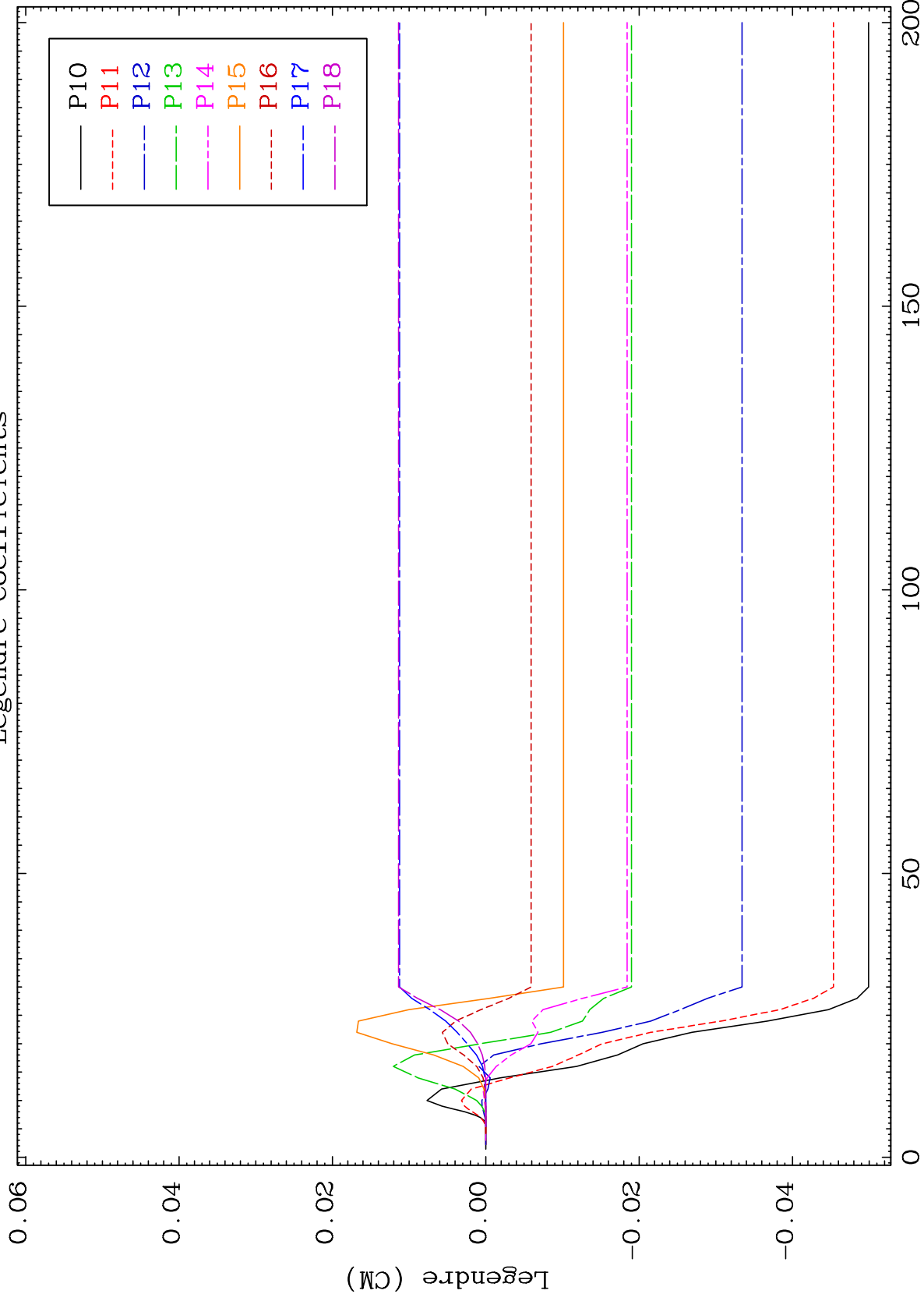
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



88

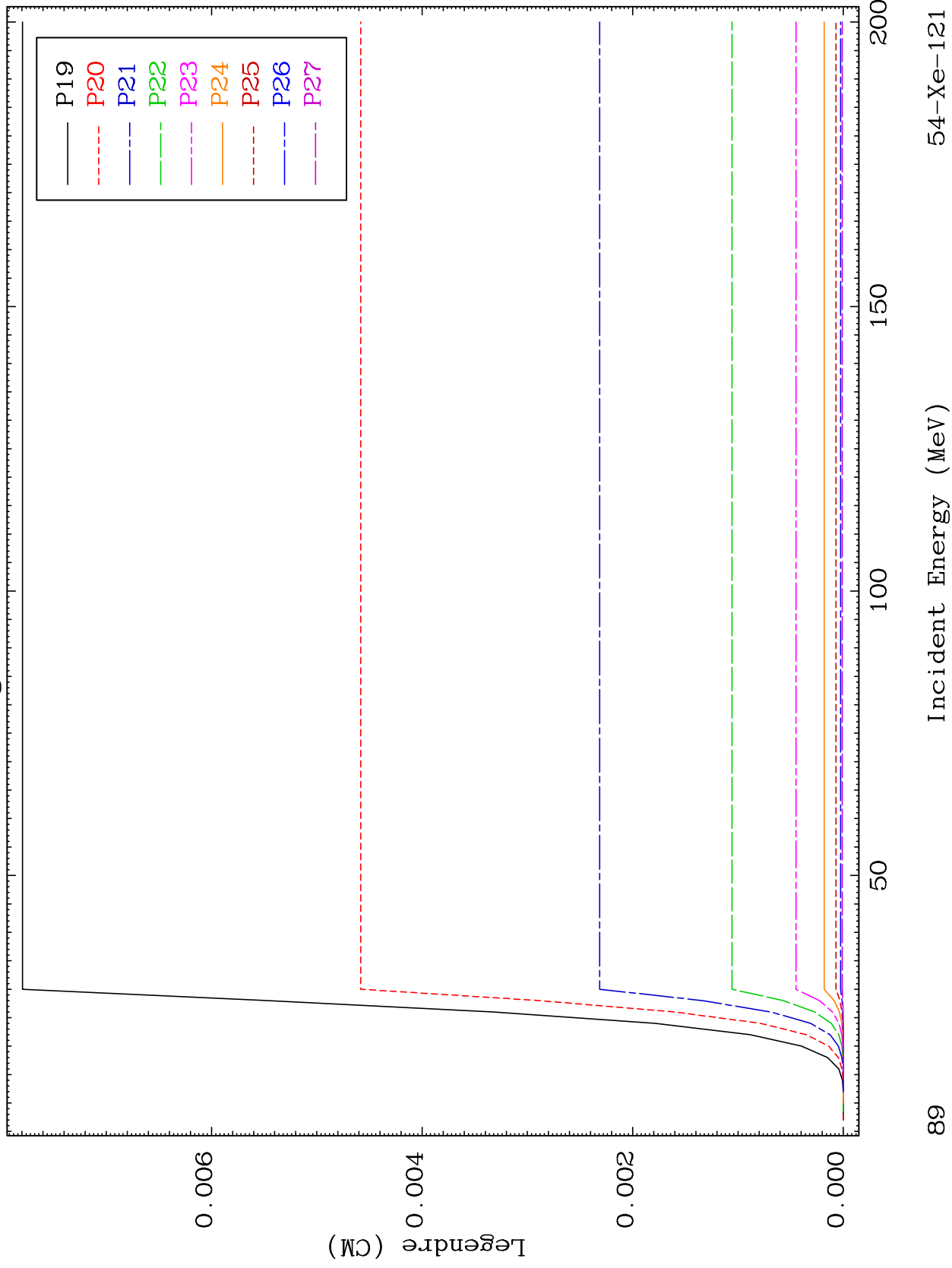
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



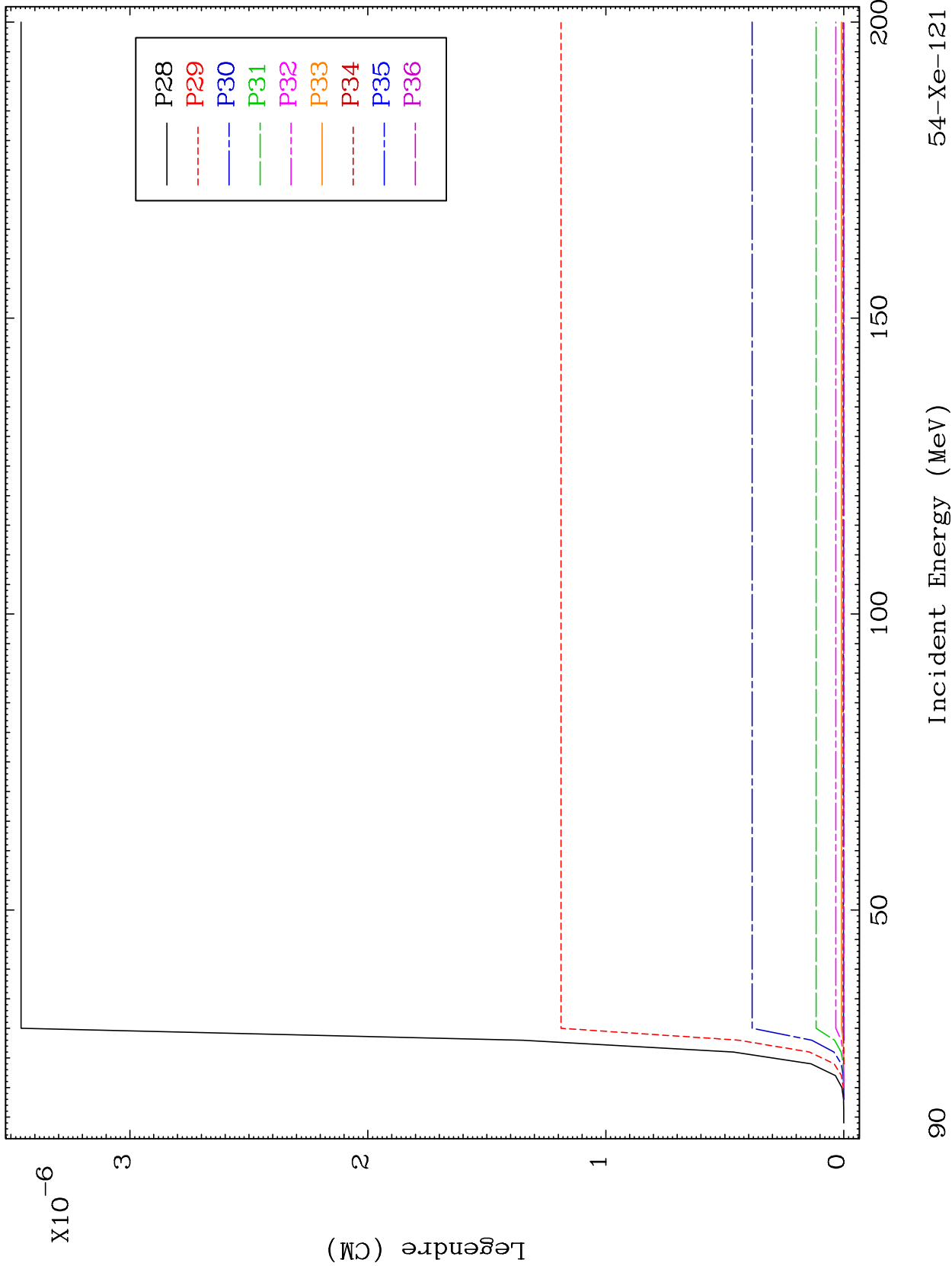
89

54-Xe-121

MAT 5416

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

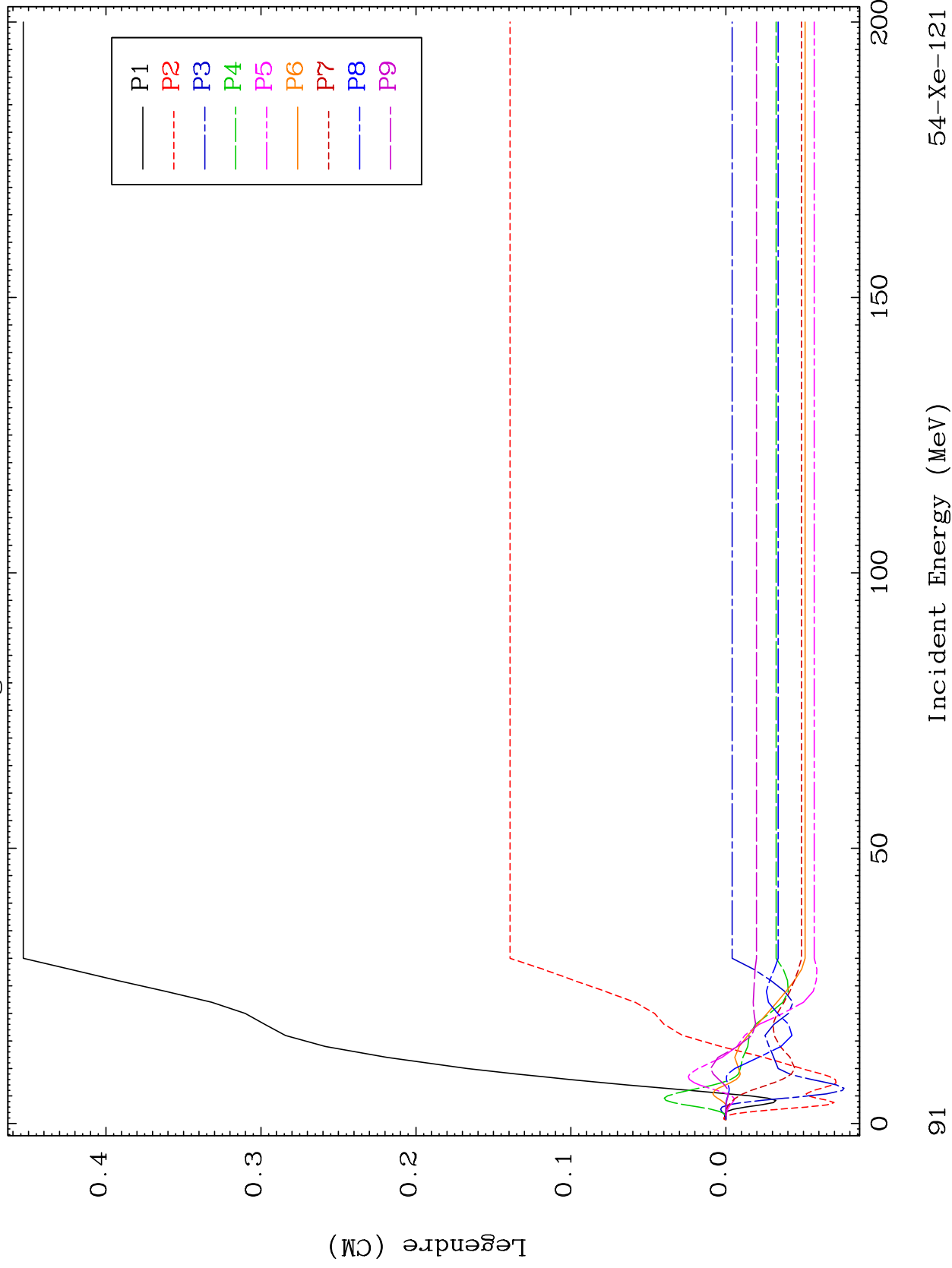
54-Xe-121



MAT 5416

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

54-Xe-121



54-Xe-121

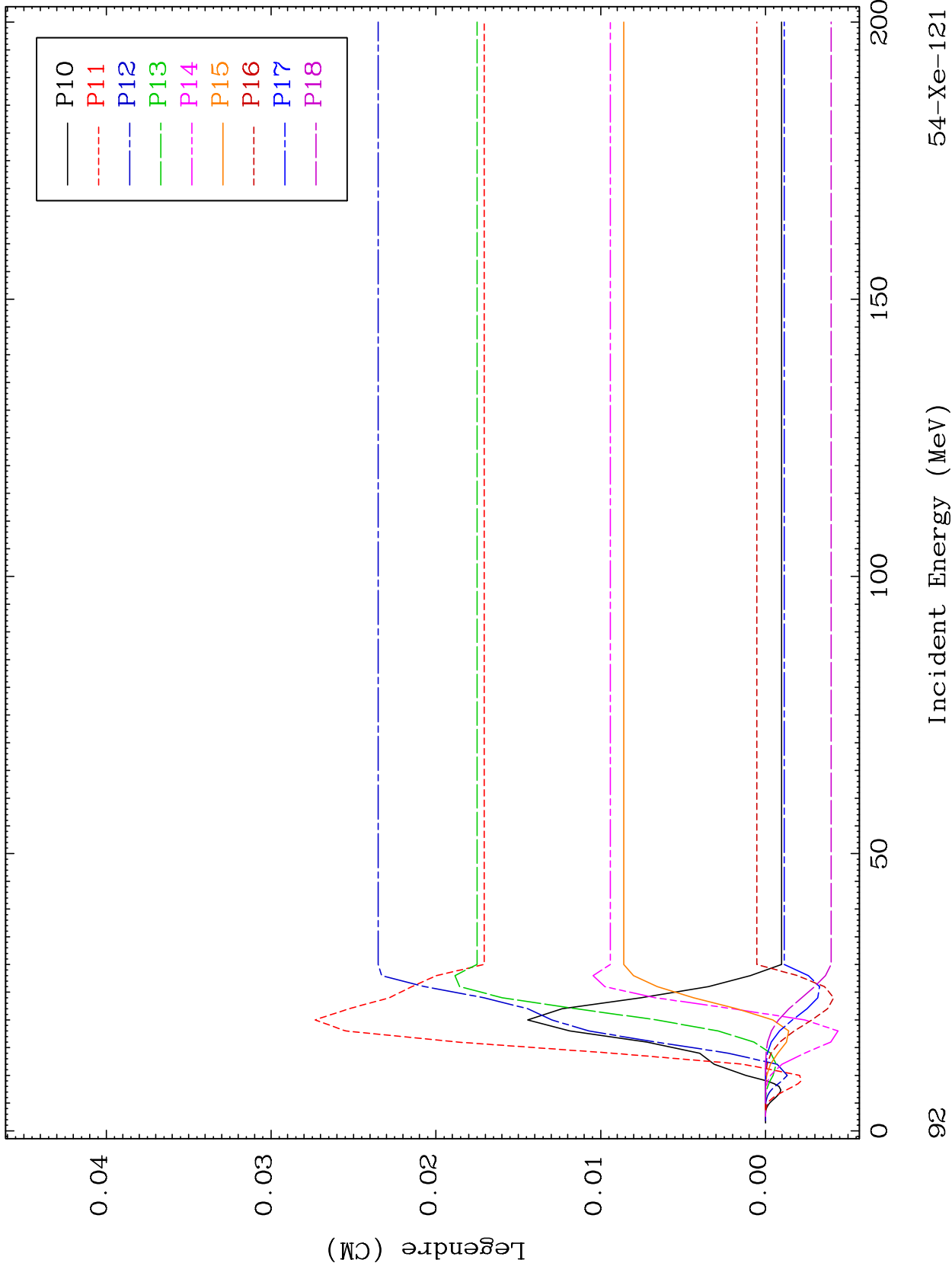
Incident Energy (MeV)

91

MAT 5416

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

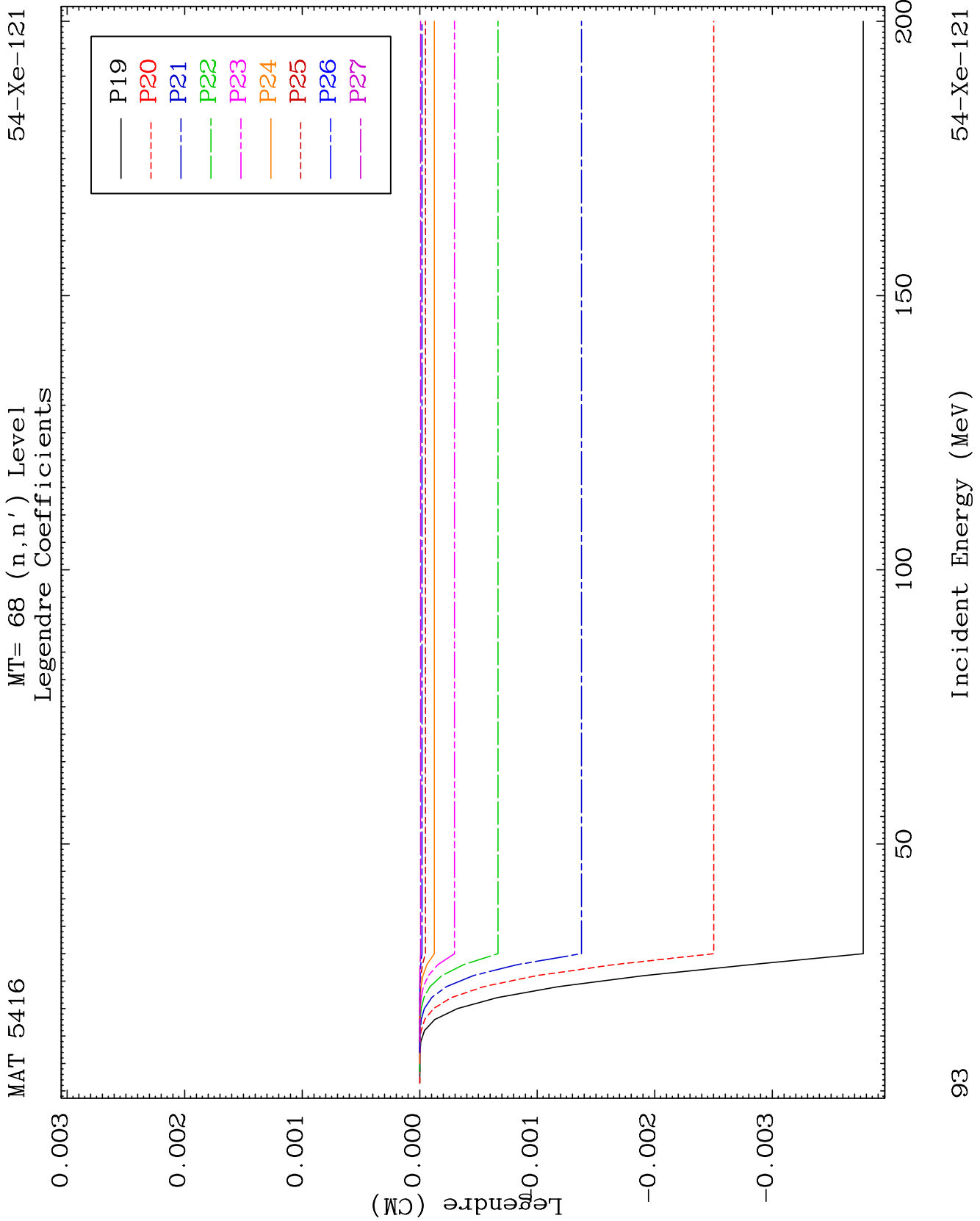
54-Xe-121

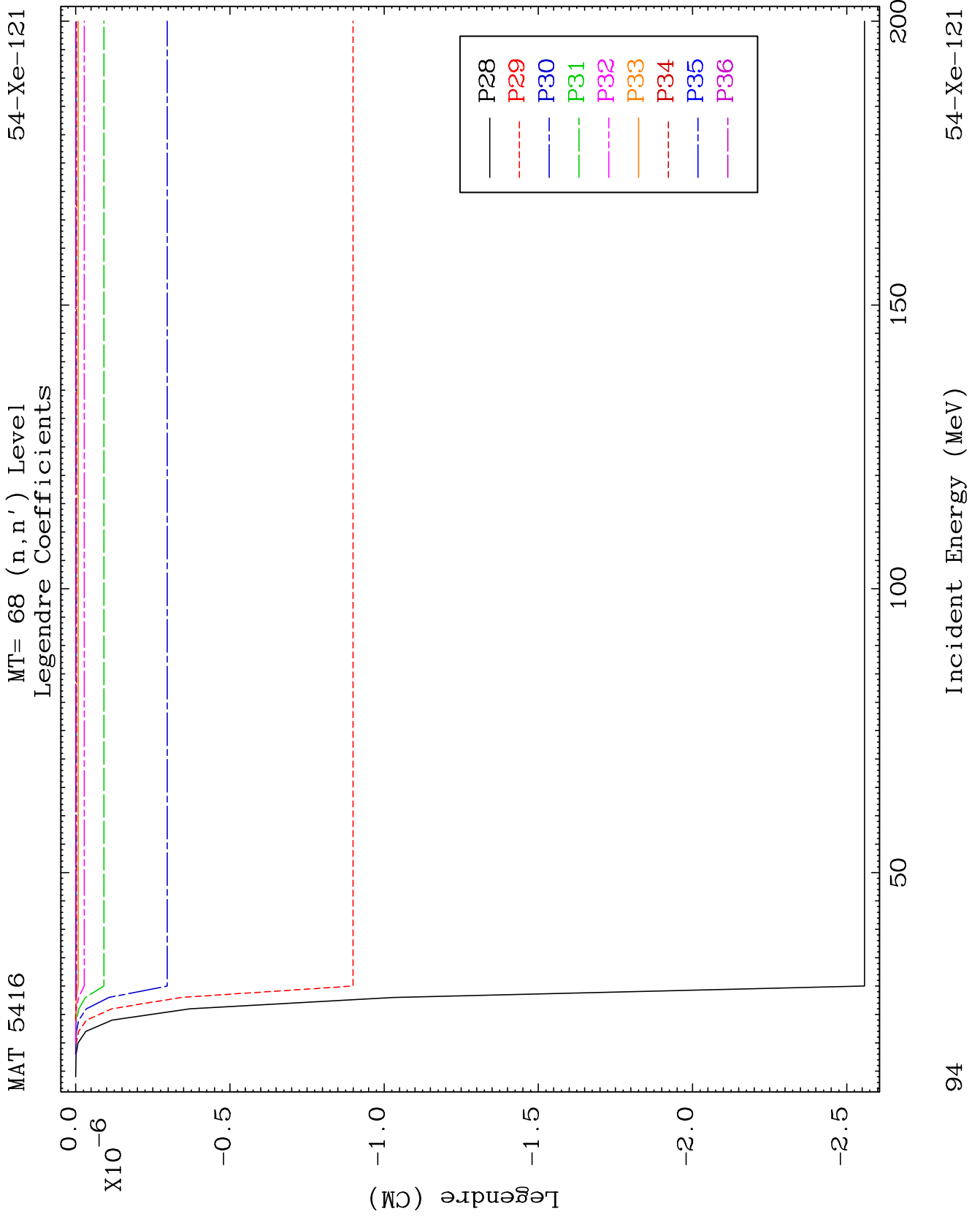


54-Xe-121

Incident Energy (MeV)

92

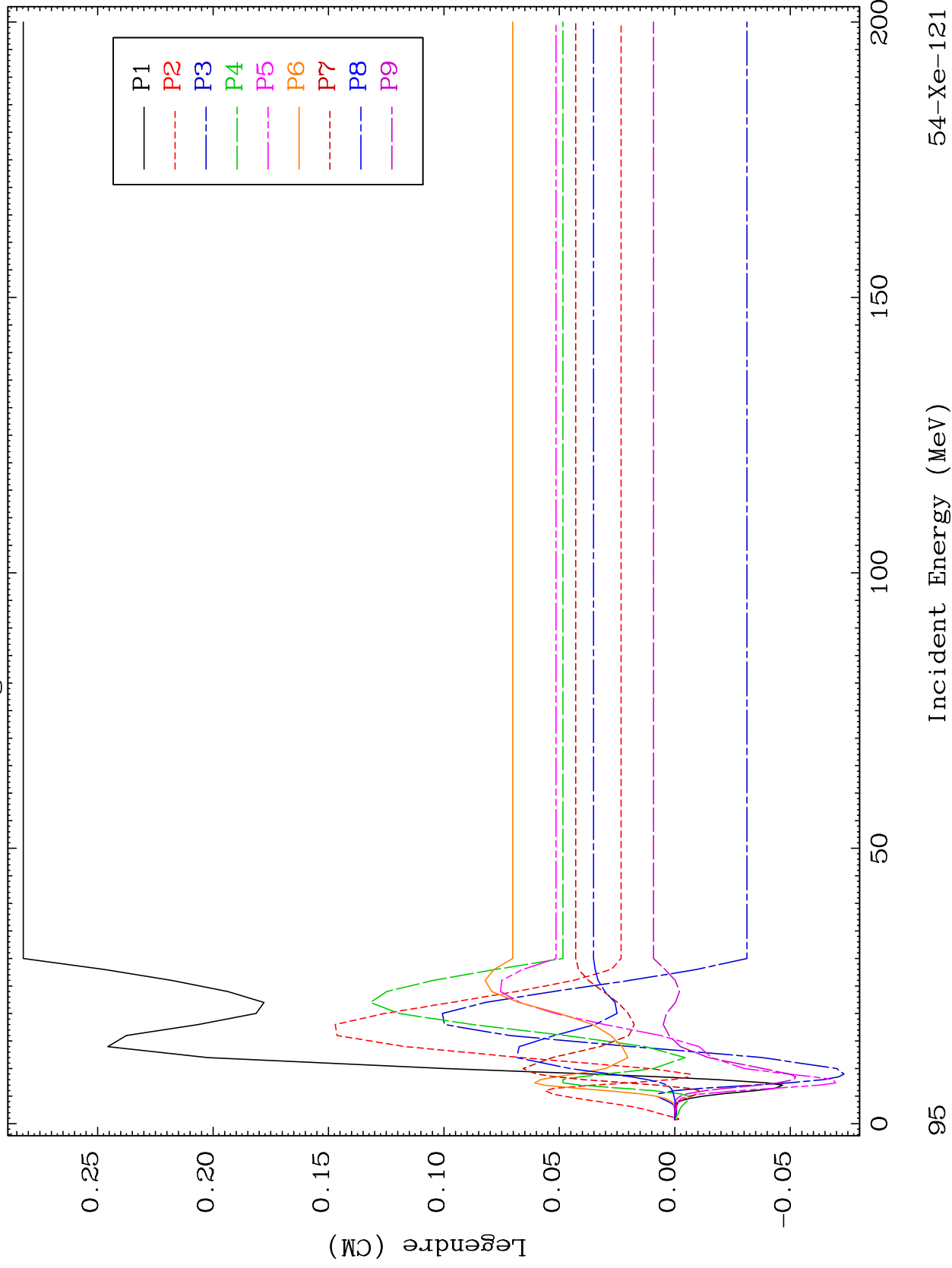




MAT 5416

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

54-Xe-121



54-Xe-121

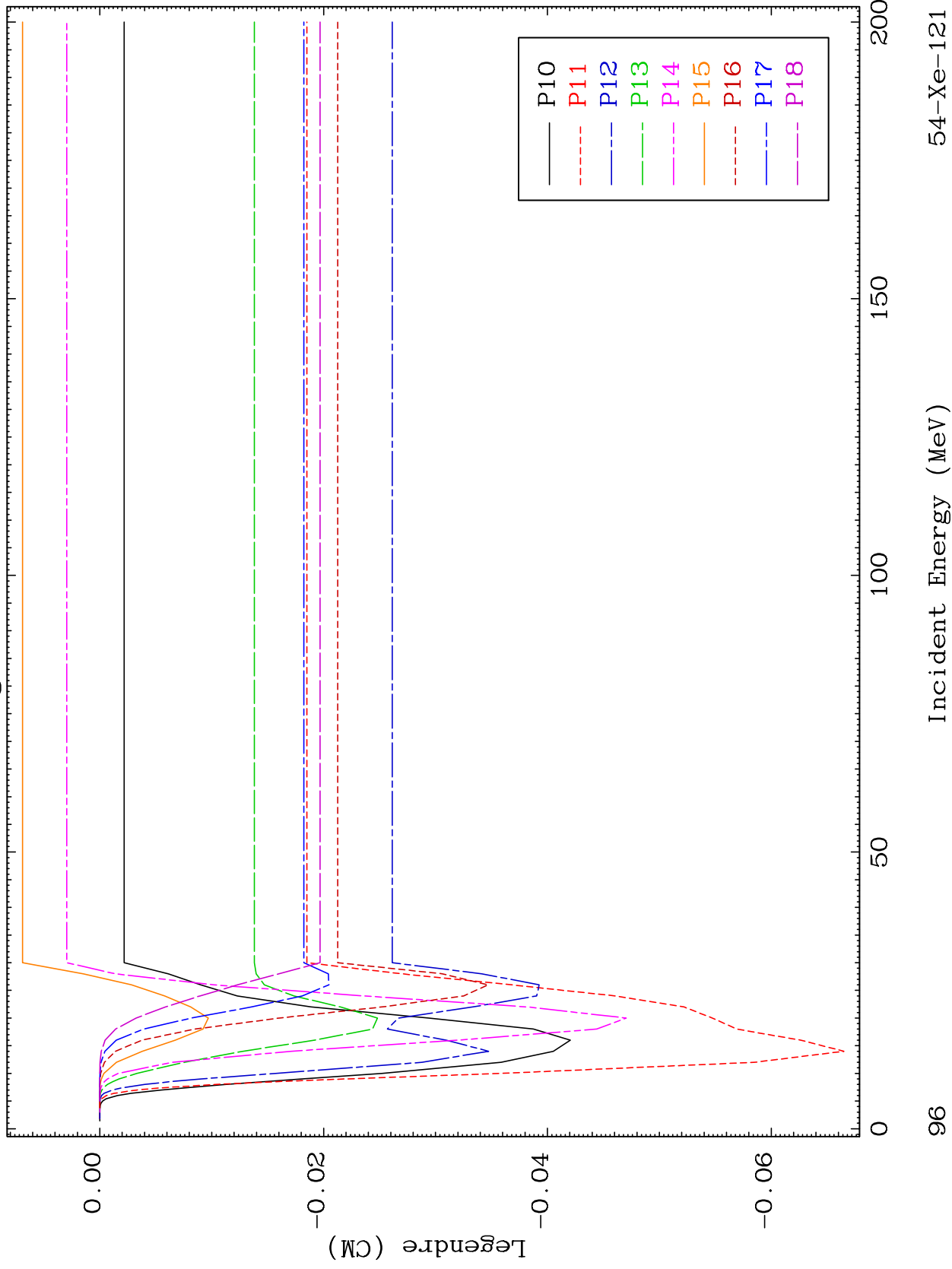
Incident Energy (MeV)

95

MAT 5416

54-Xe-121

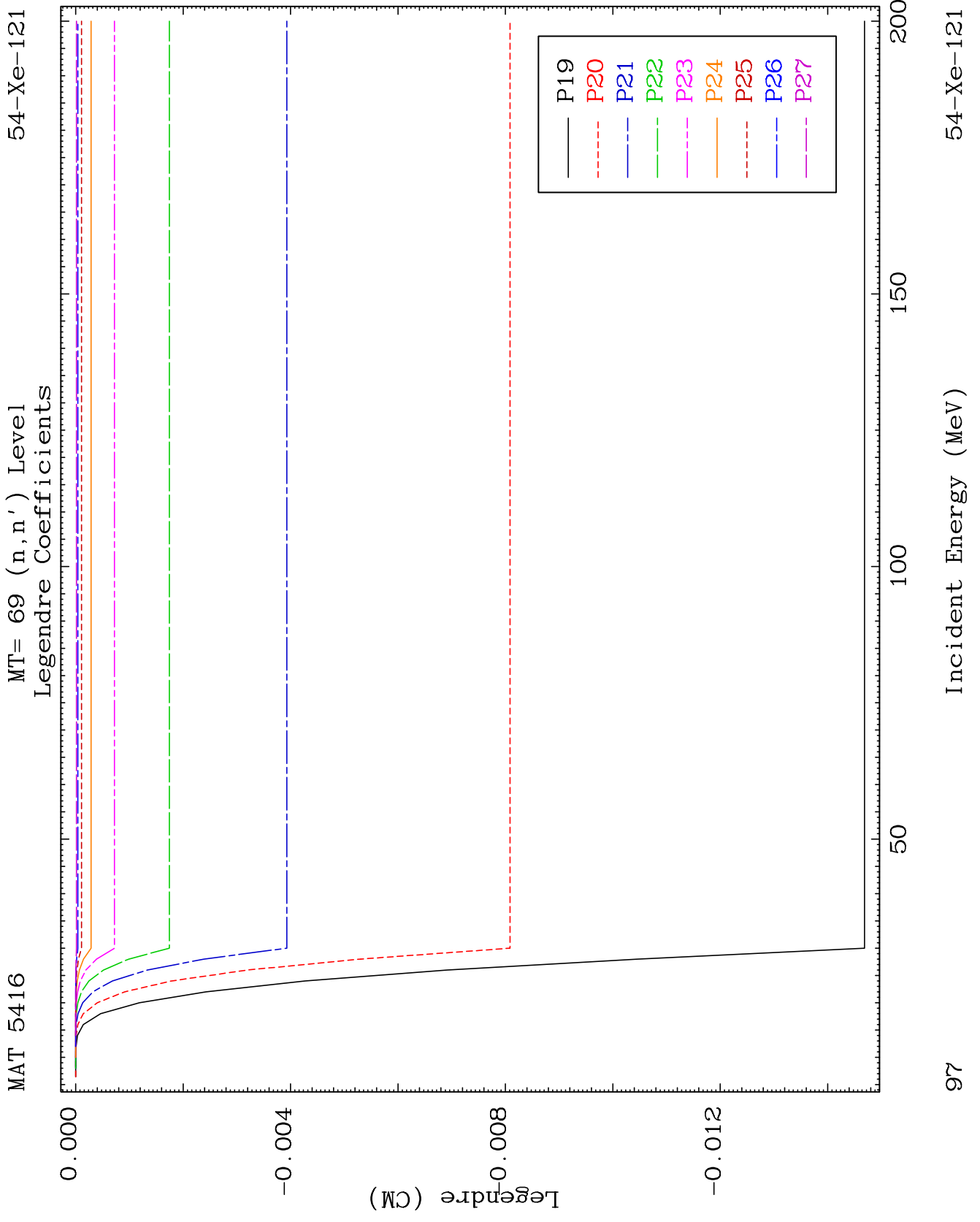
MT= 69 (n,n') Level
Legendre Coefficients

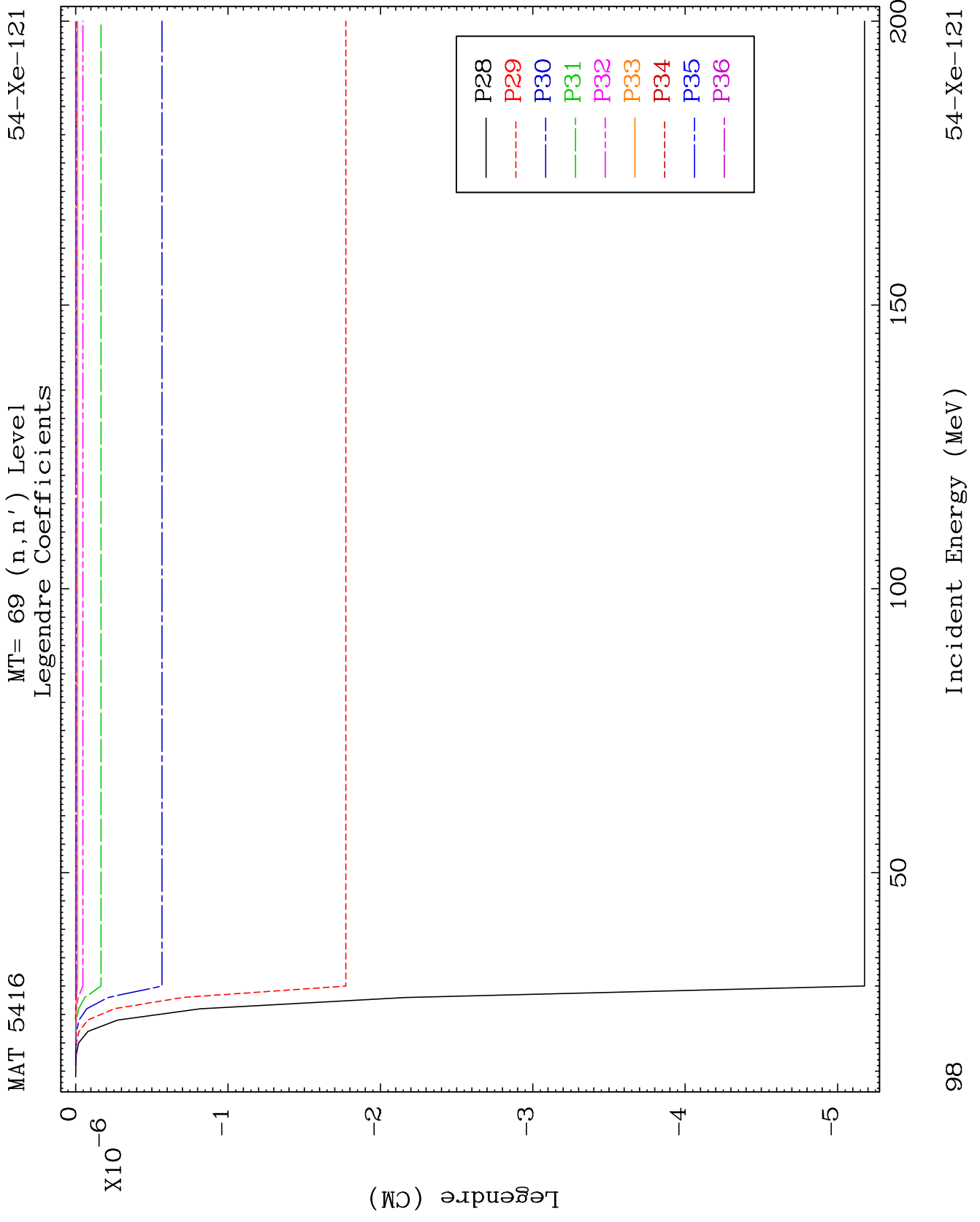


54-Xe-121

Incident Energy (MeV)

96

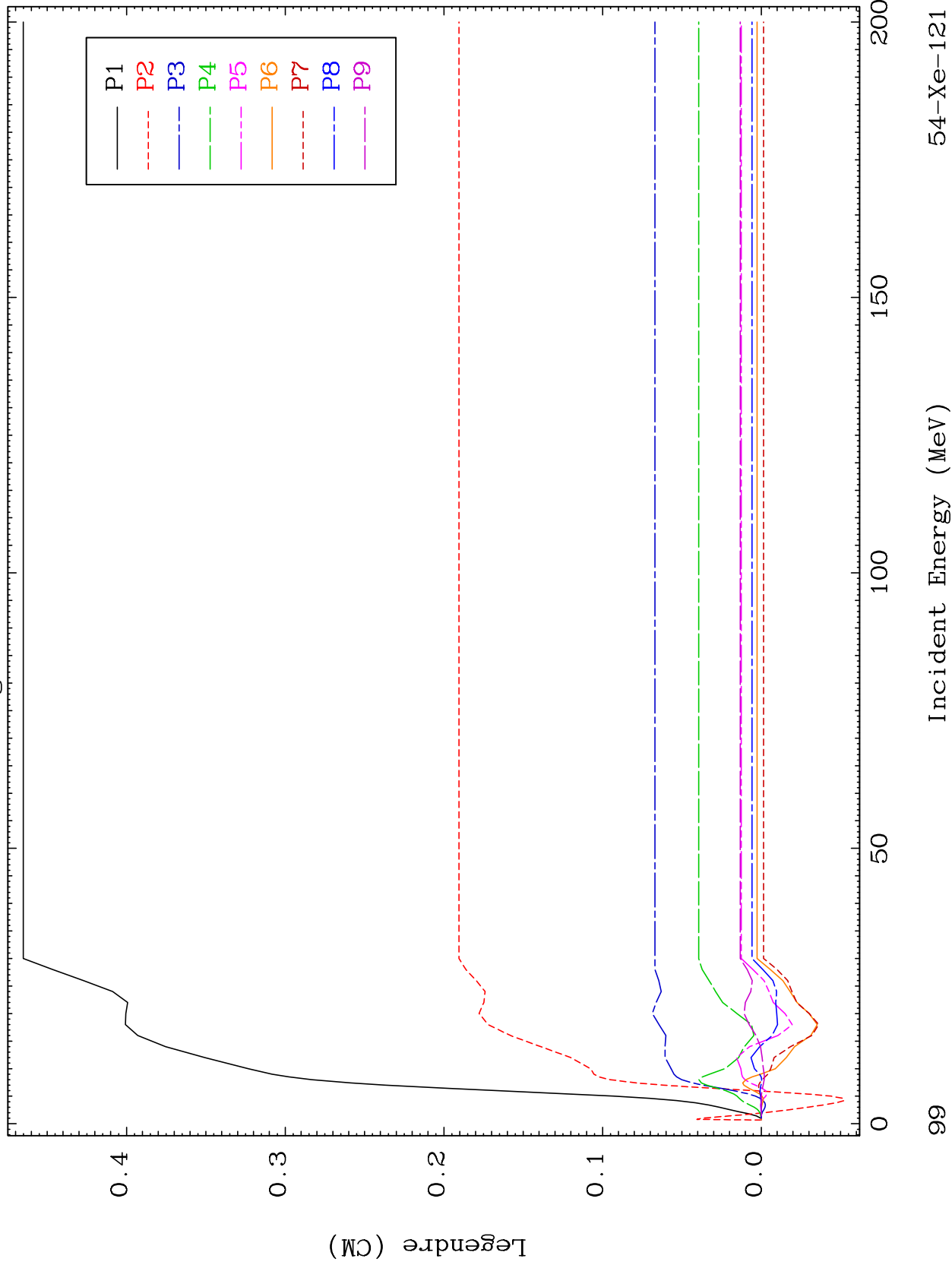




MAT 5416

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

54-Xe-121

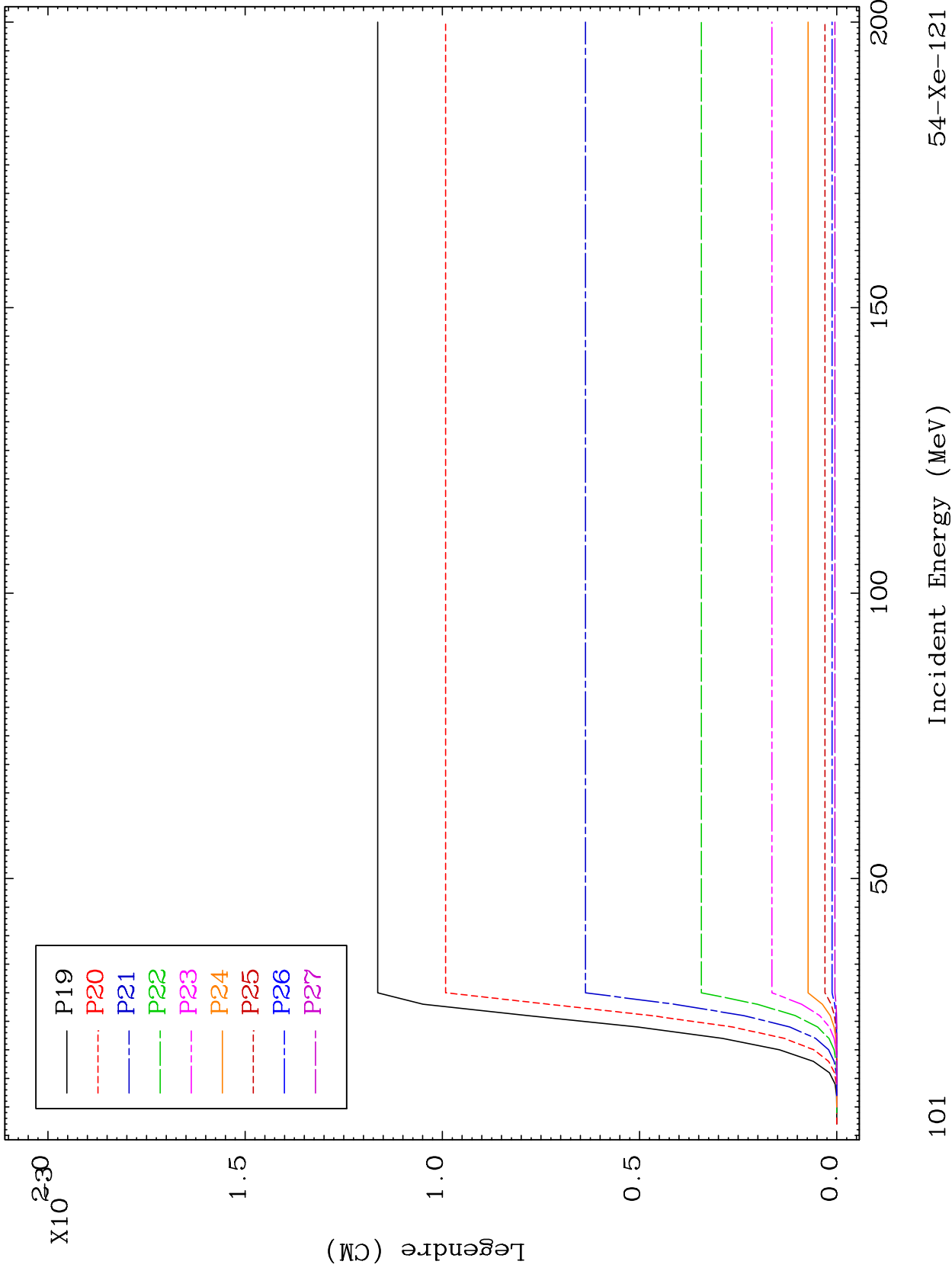


99

MAT 5416

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

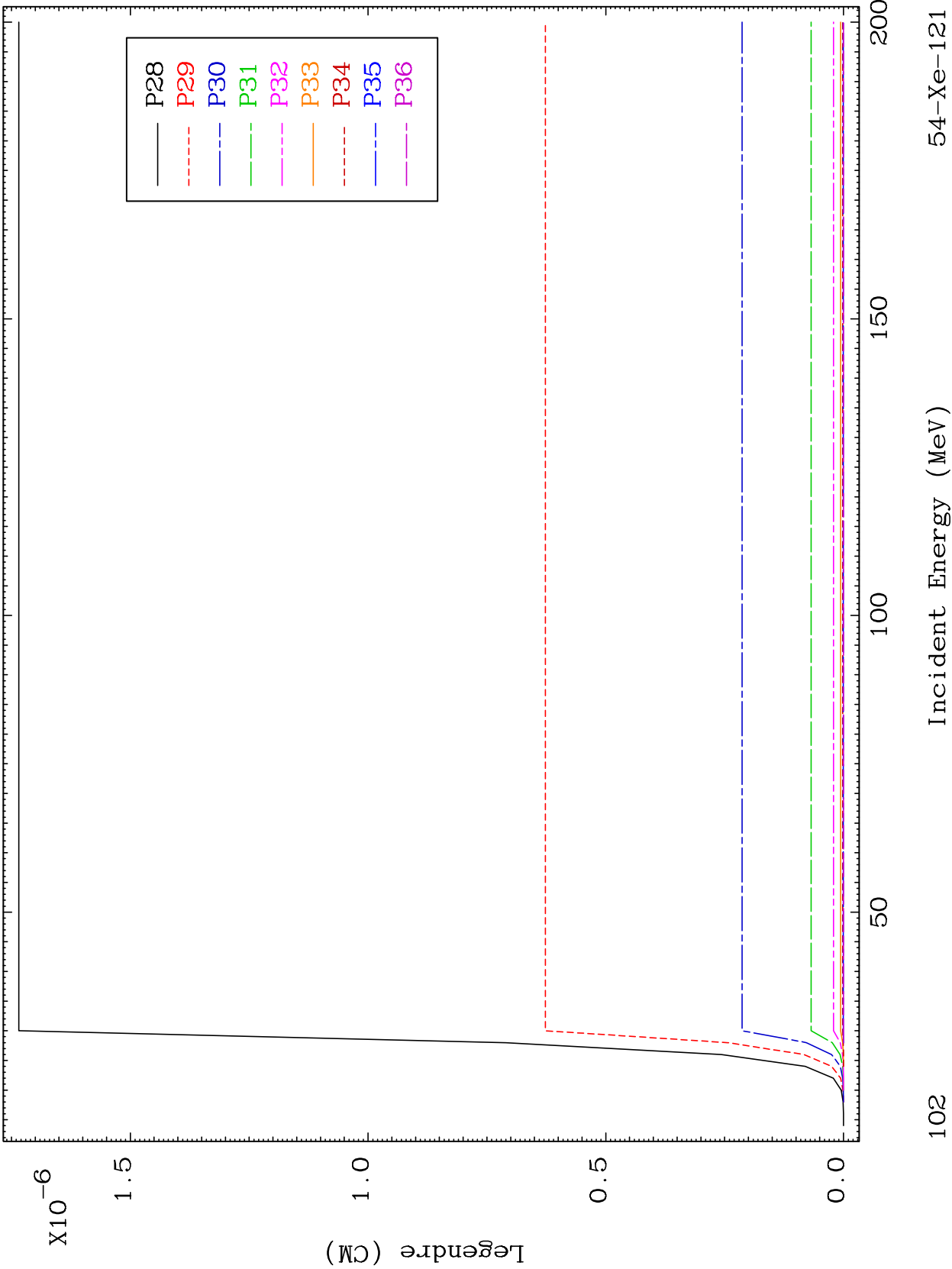
54-Xe-121



MAT 5416

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

54-Xe-121

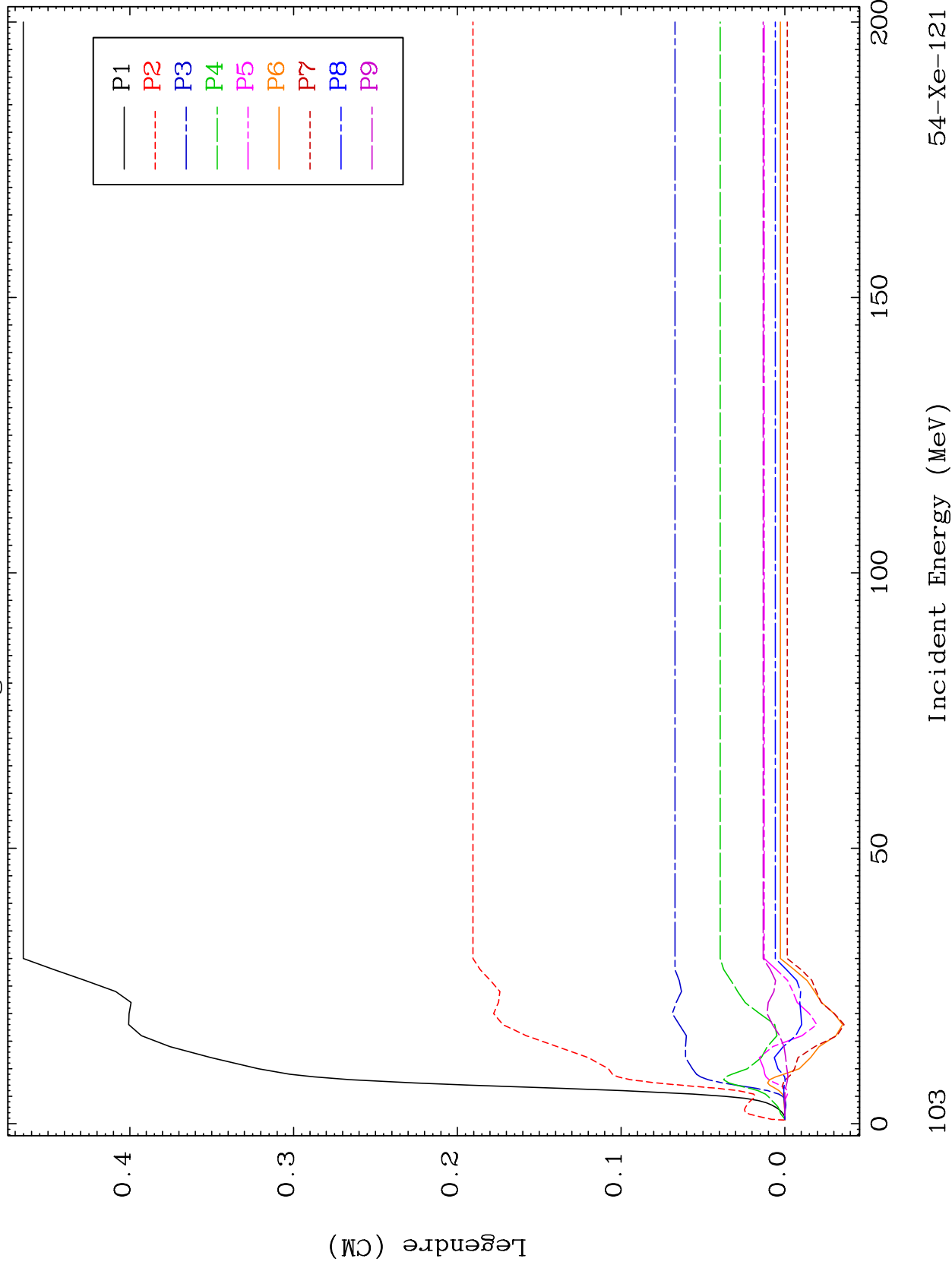


MAT 5416

MT= 71 (n,n') Level

54-Xe-121

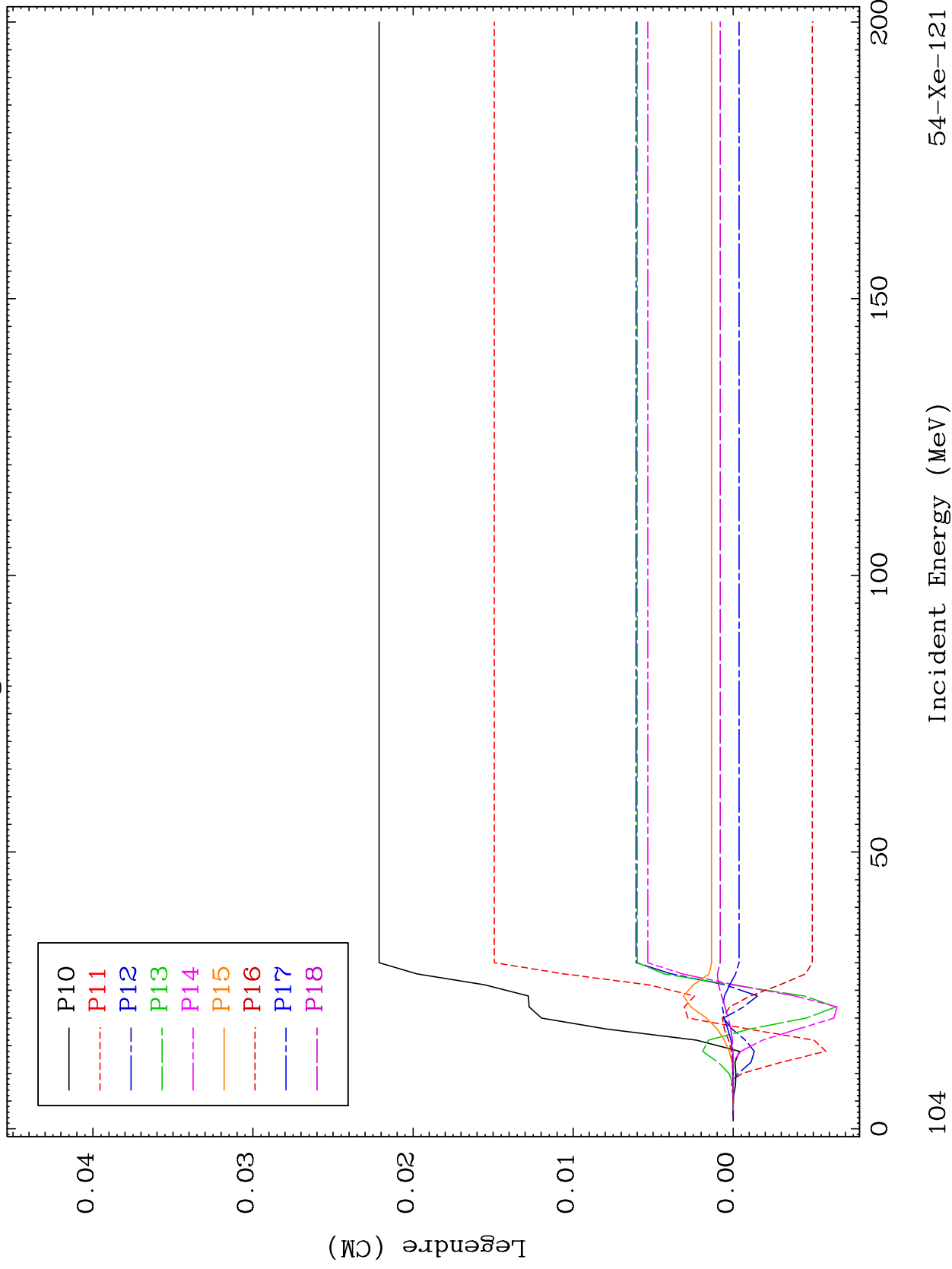
Legendre Coefficients



MAT 5416

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

54-Xe-121



104

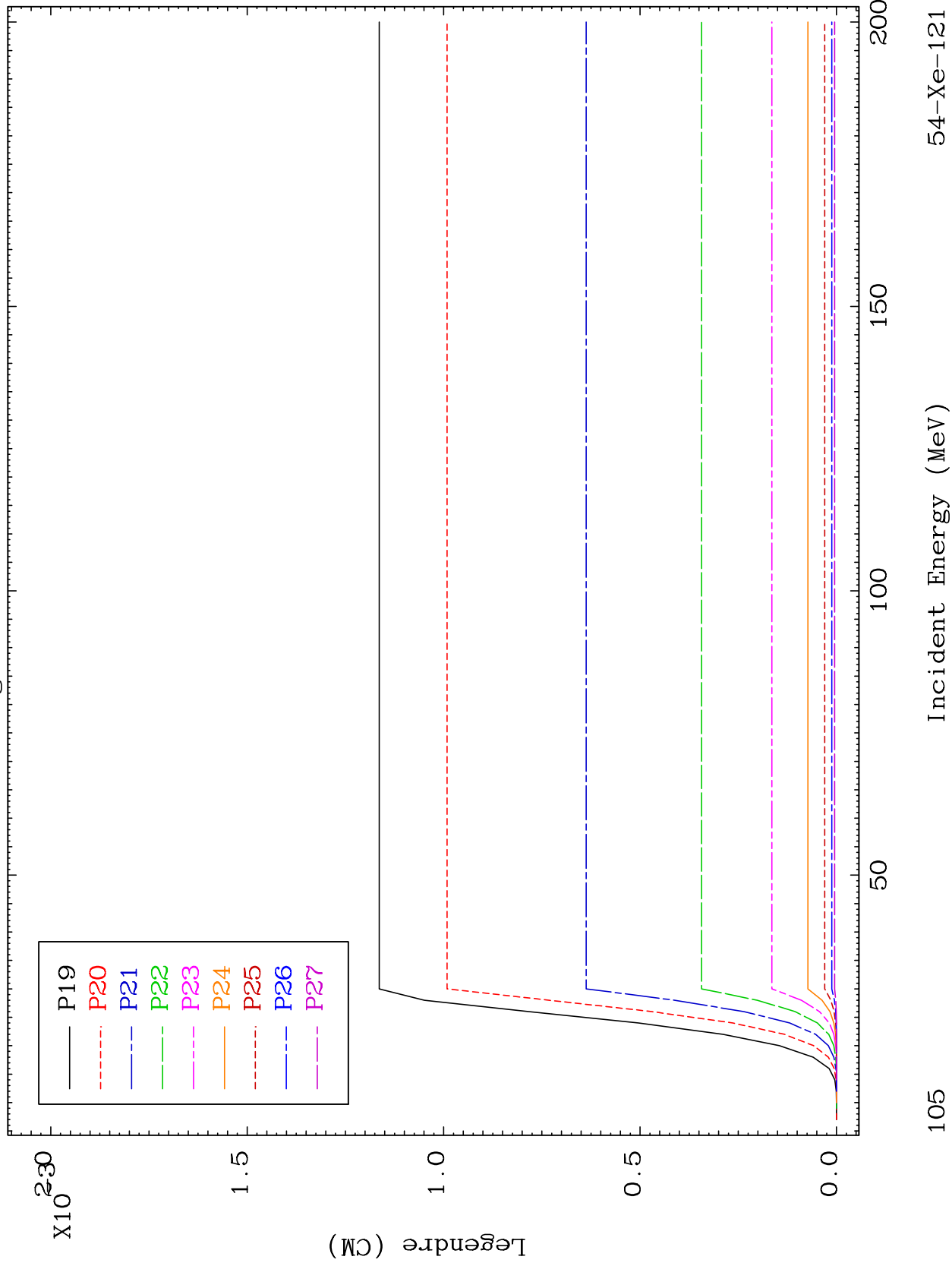
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

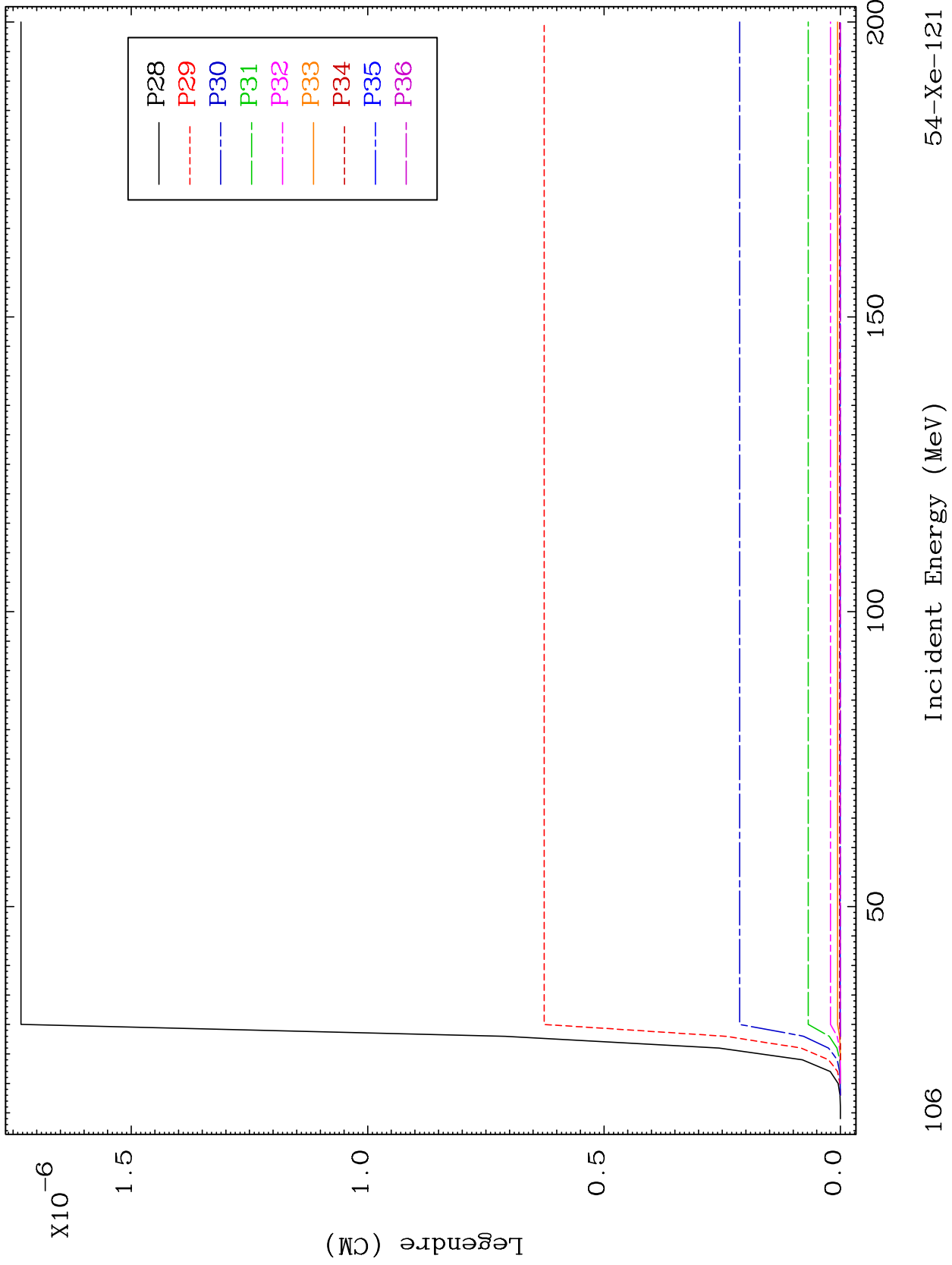
54-Xe-121



MAT 5416

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

54-Xe-121



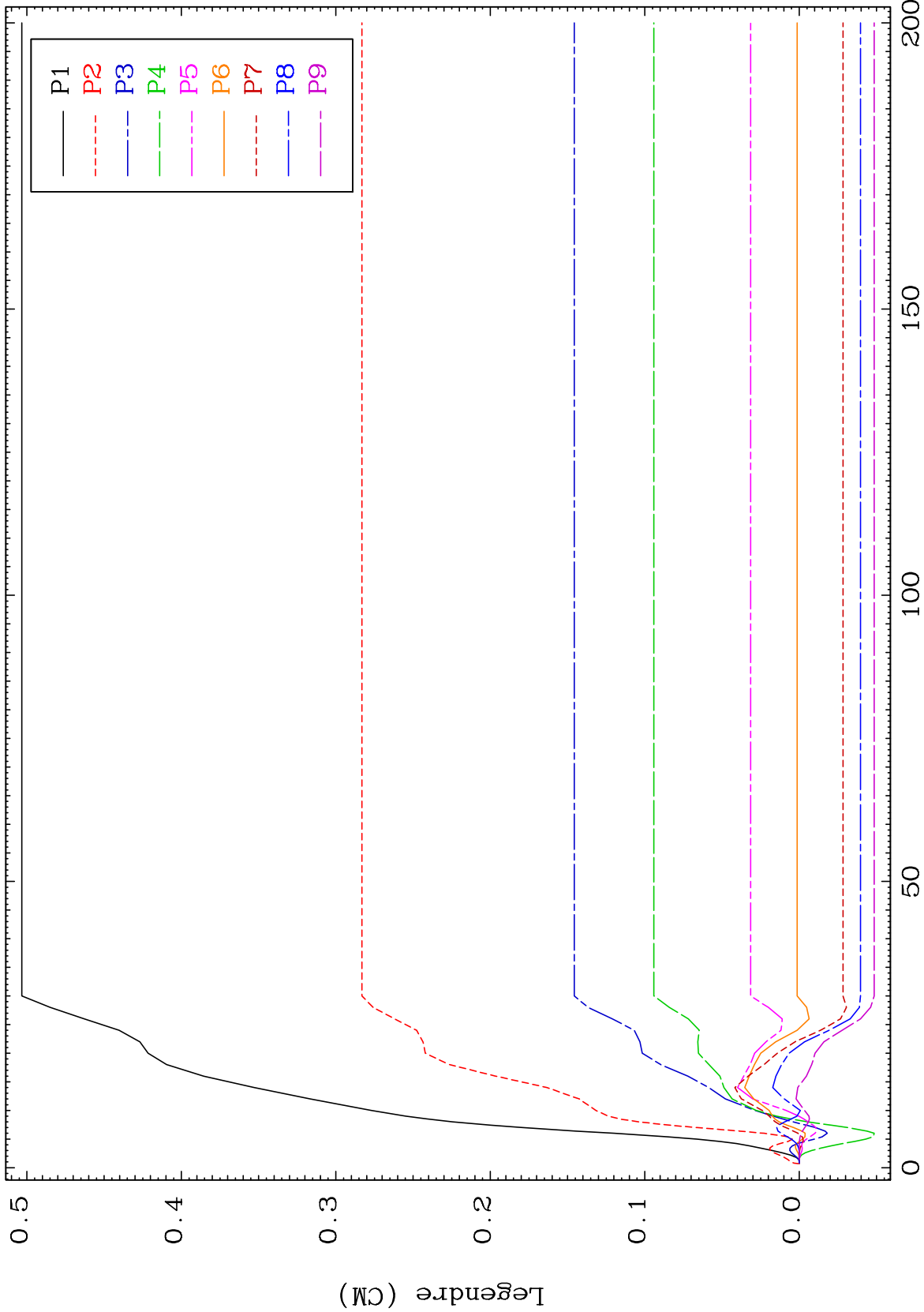
106

MAT 5416

MT= 72 (n,n') Level

54-Xe-121

Legendre Coefficients



107

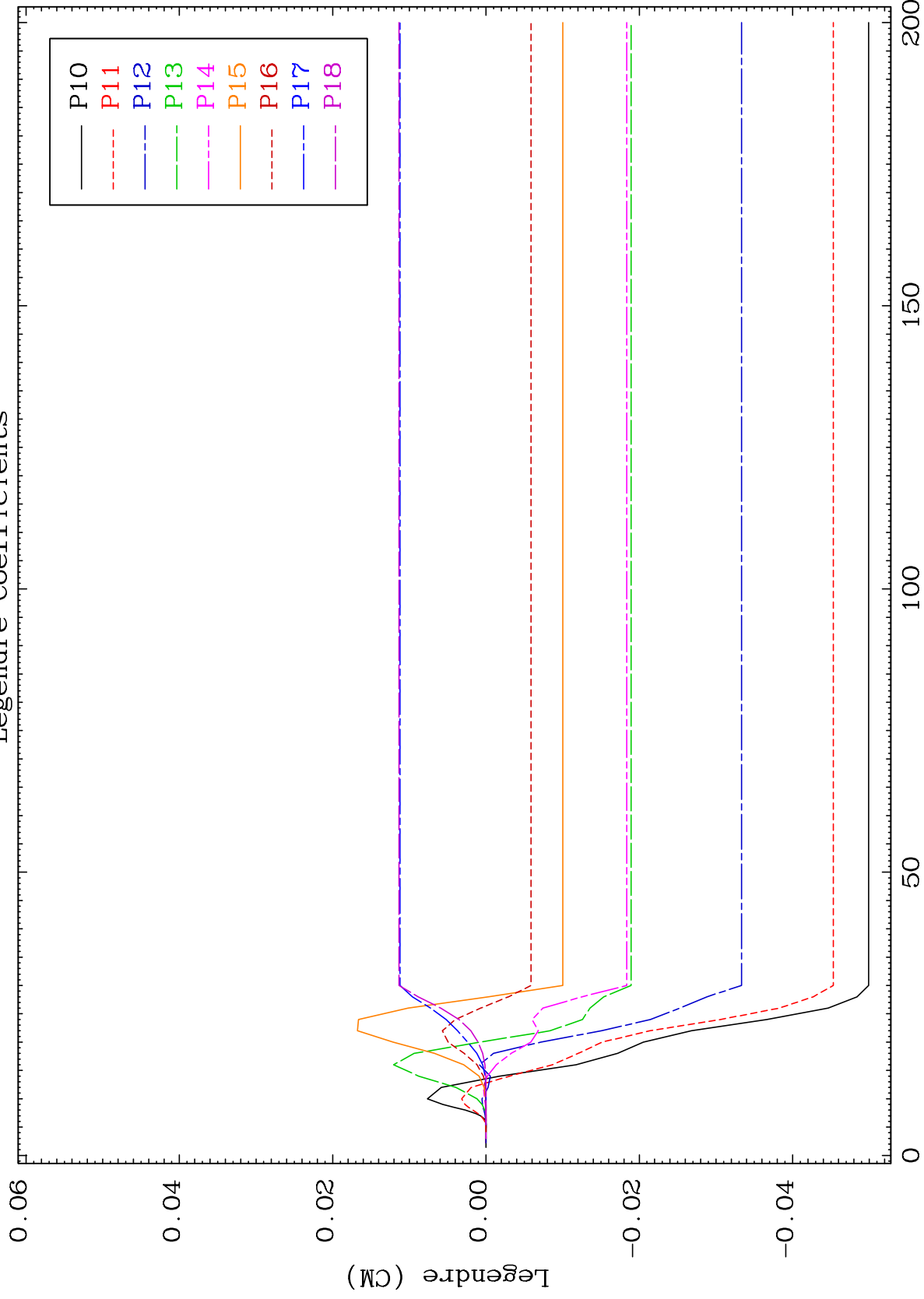
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



108

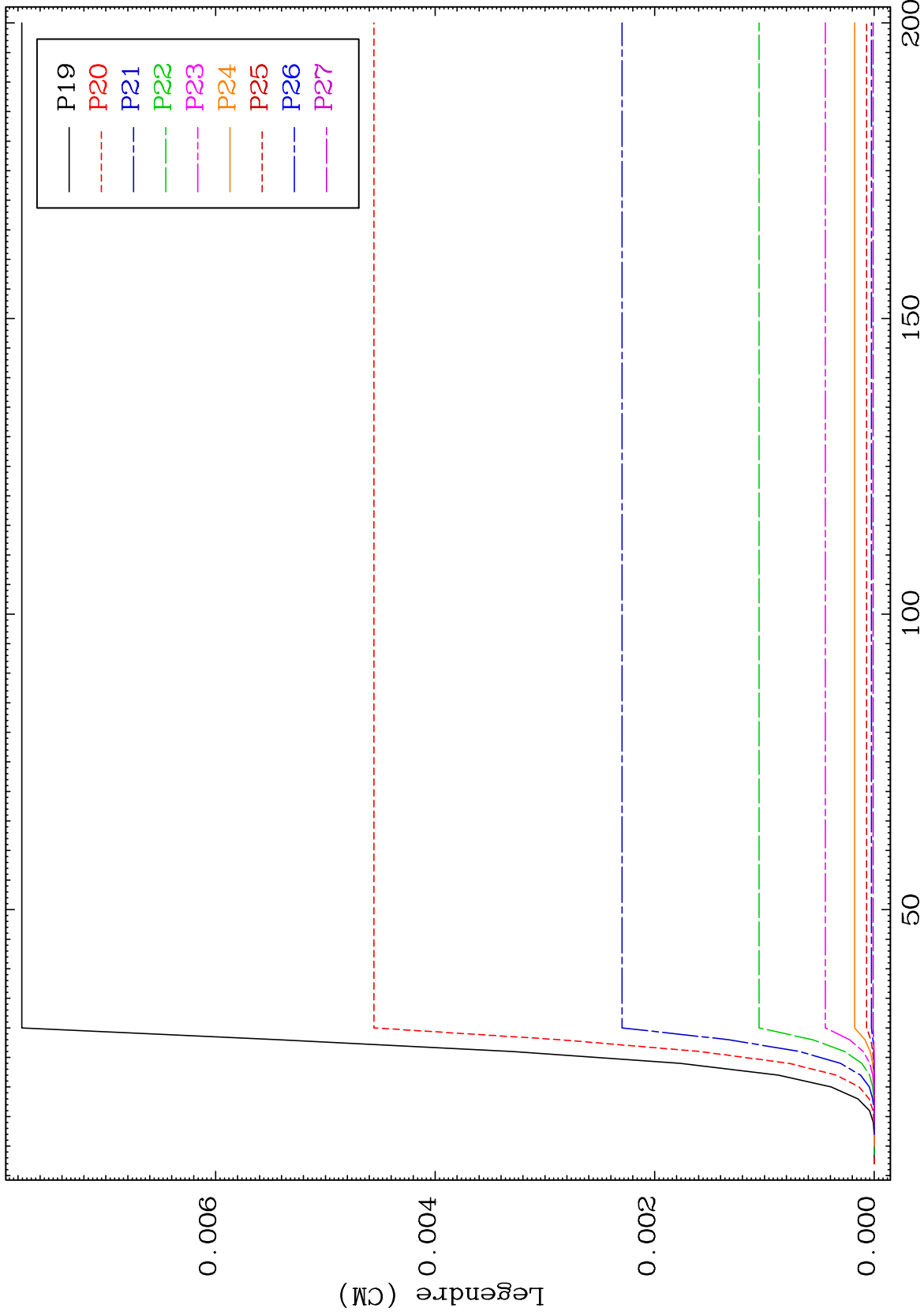
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



109

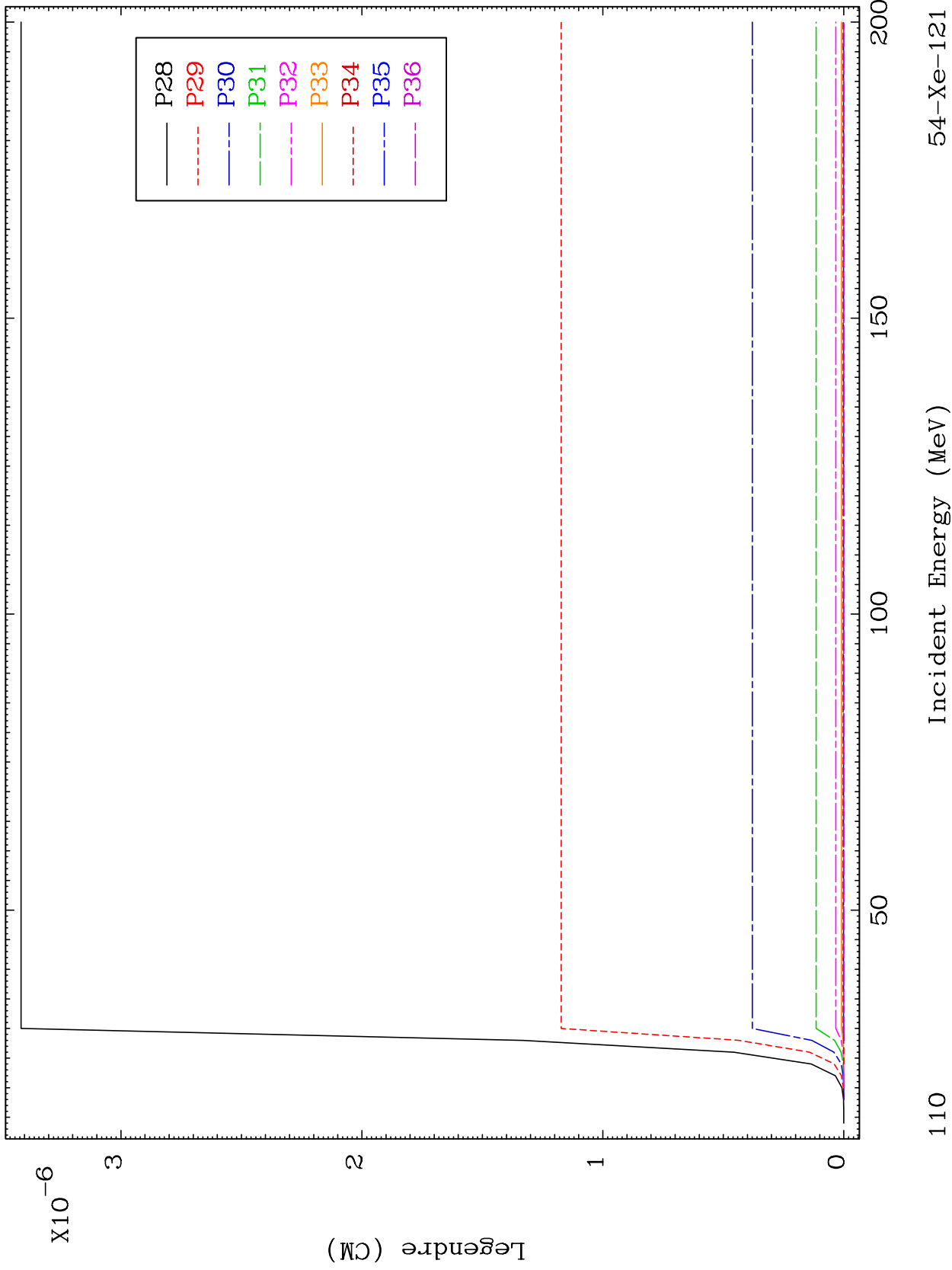
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

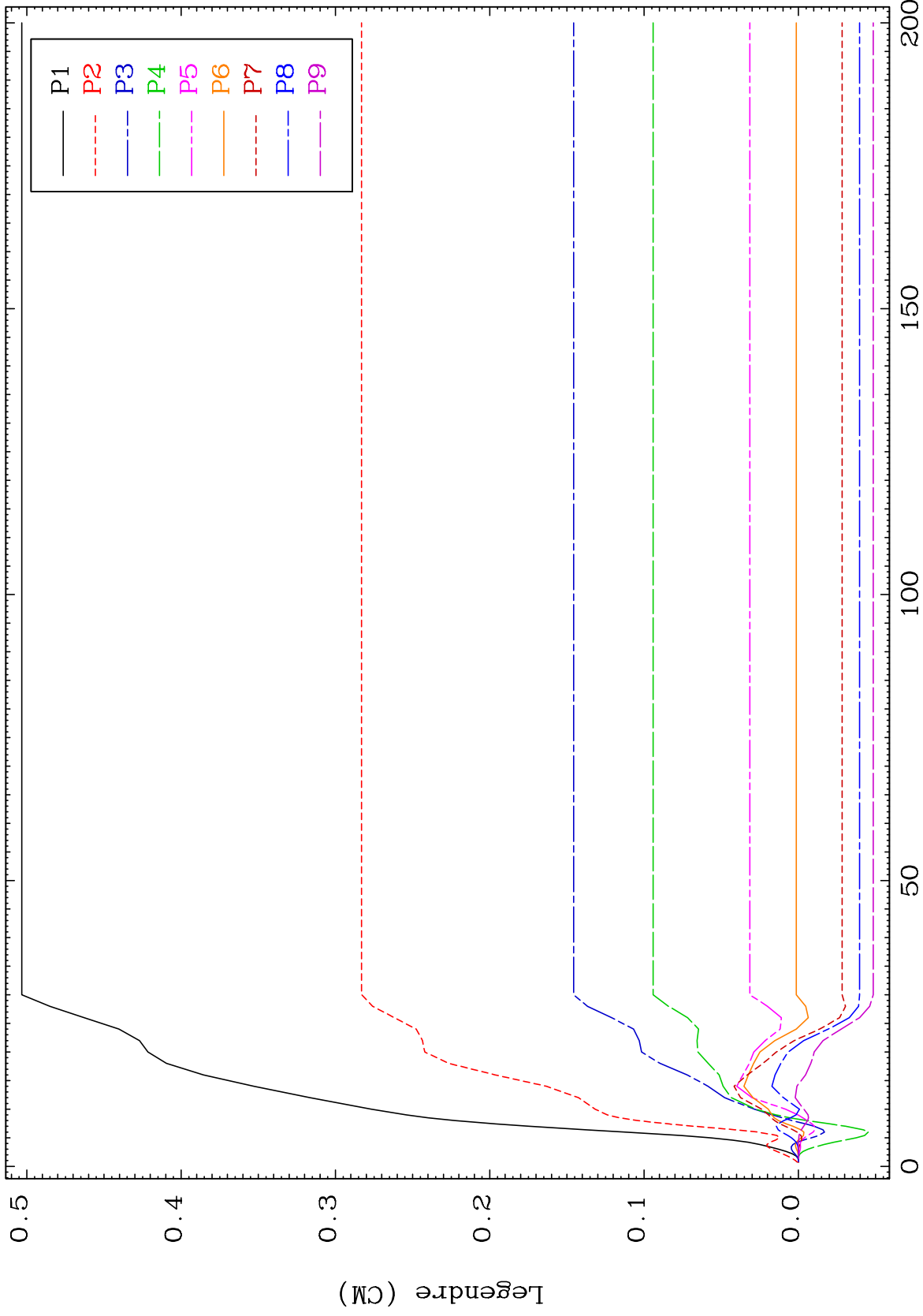
54-Xe-121



MAT 5416

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

54-Xe-121



54-Xe-121

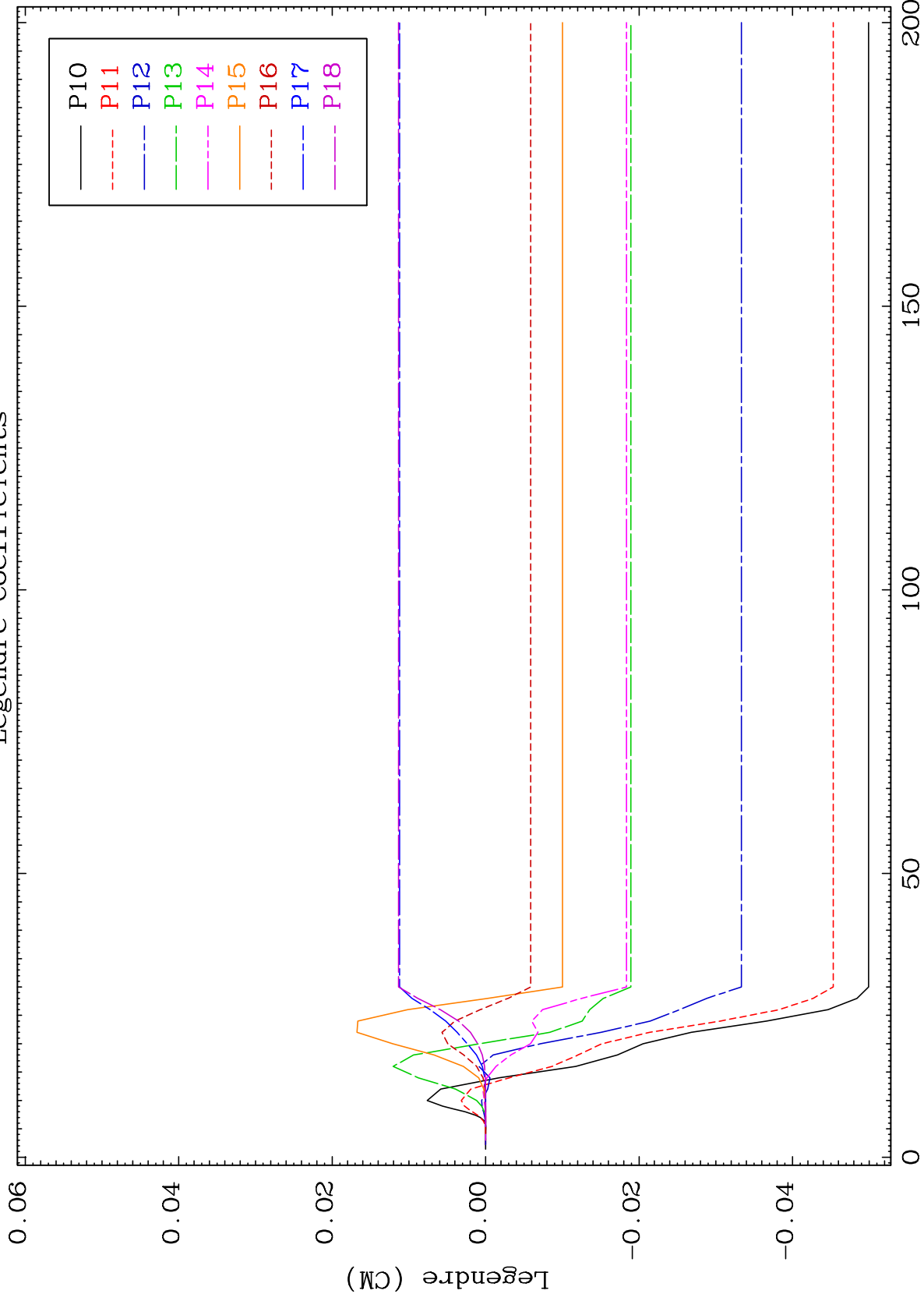
Incident Energy (MeV)

111

MAT 5416

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

54-Xe-121



112

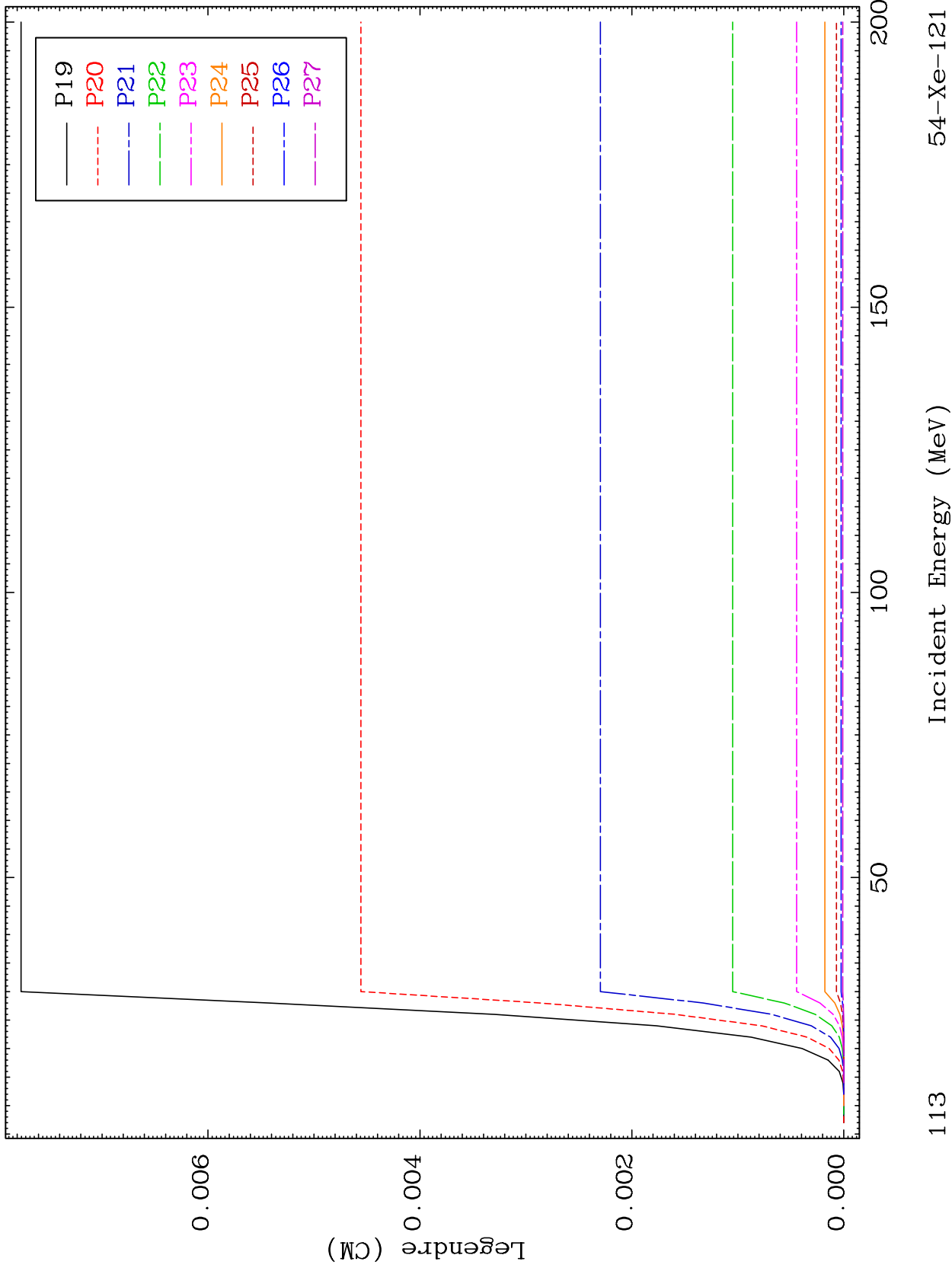
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



113

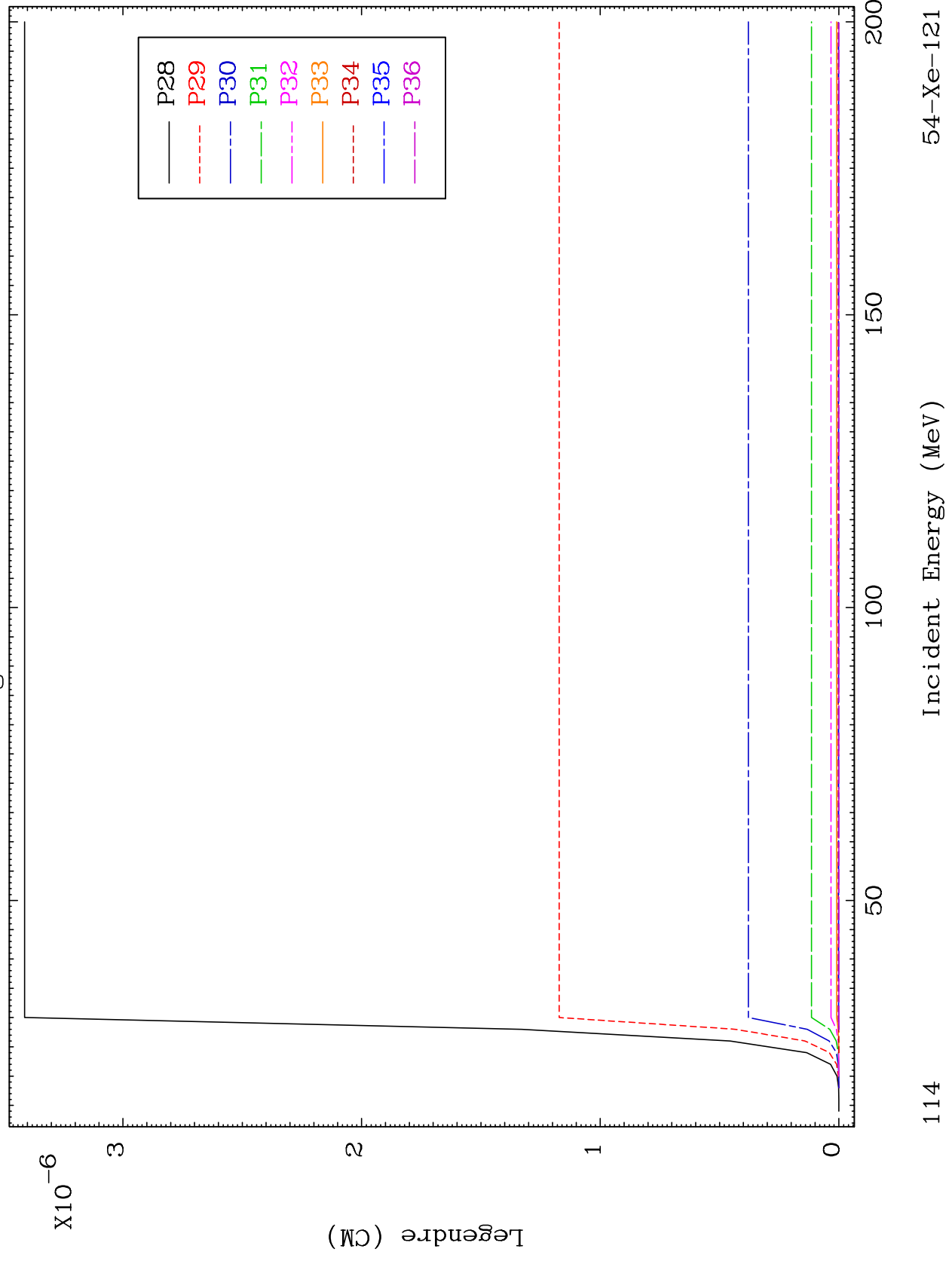
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



114

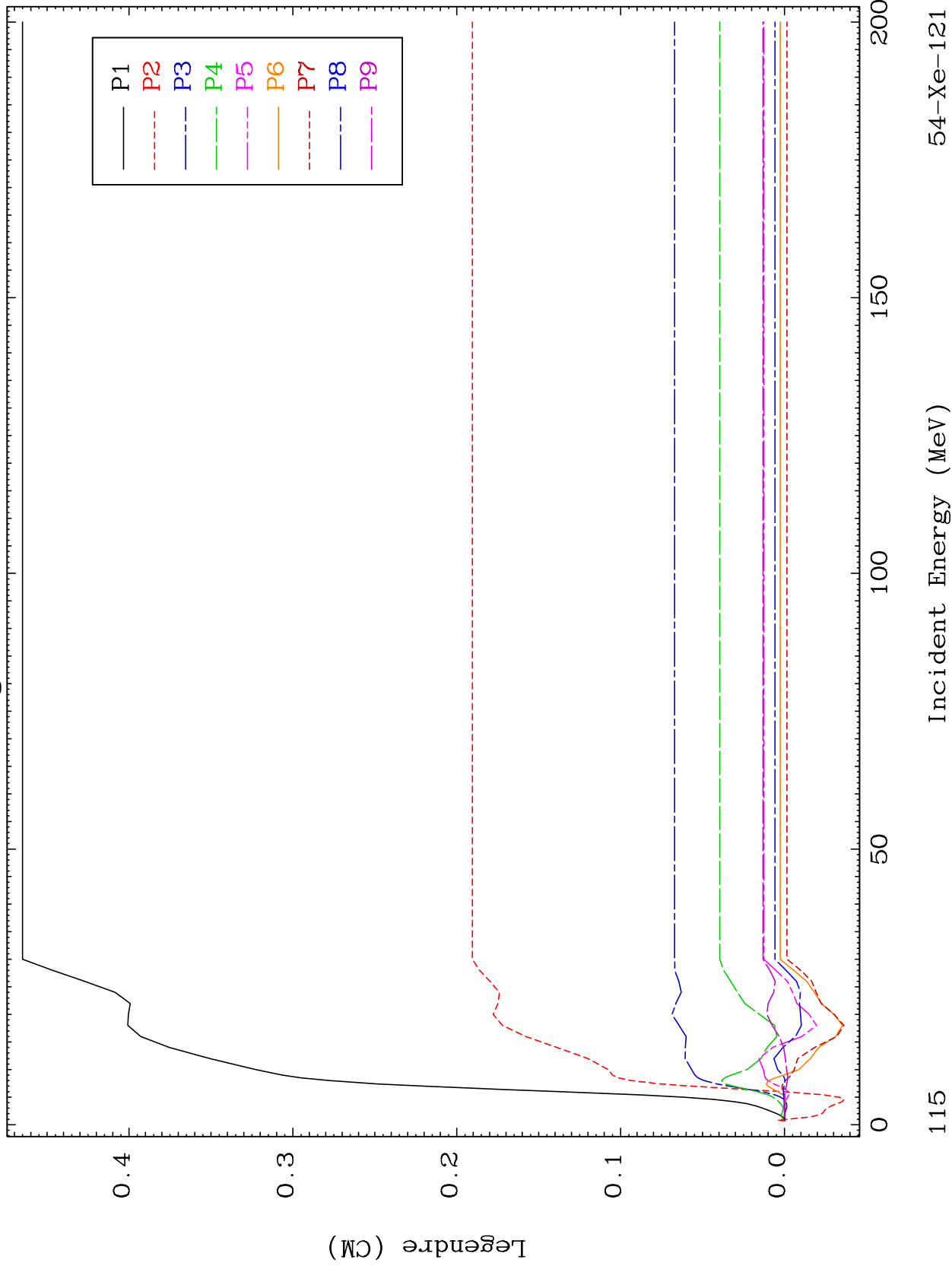
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



54-Xe-121

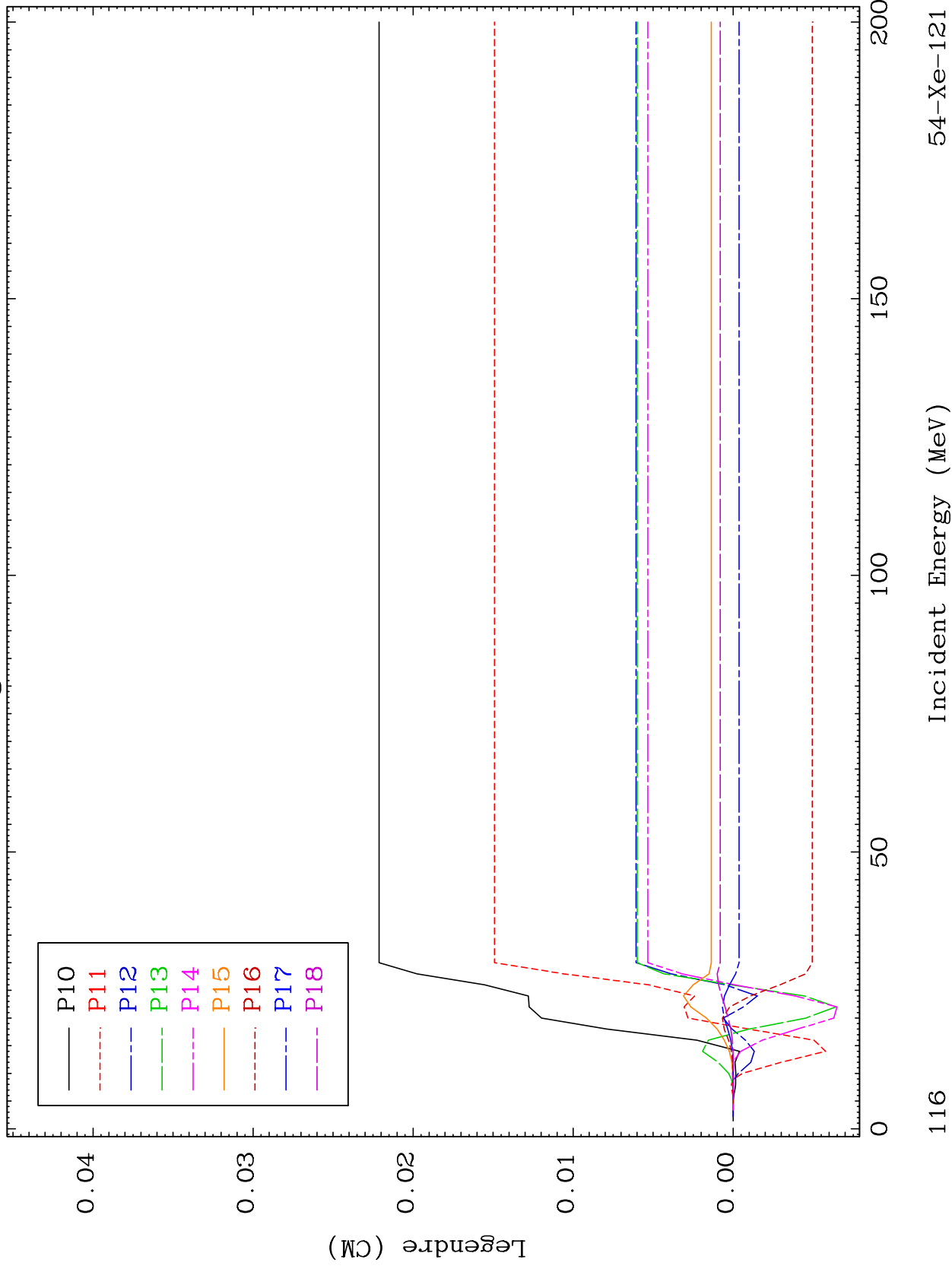
Incident Energy (MeV)

115

MAT 5416

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

54-Xe-121



116

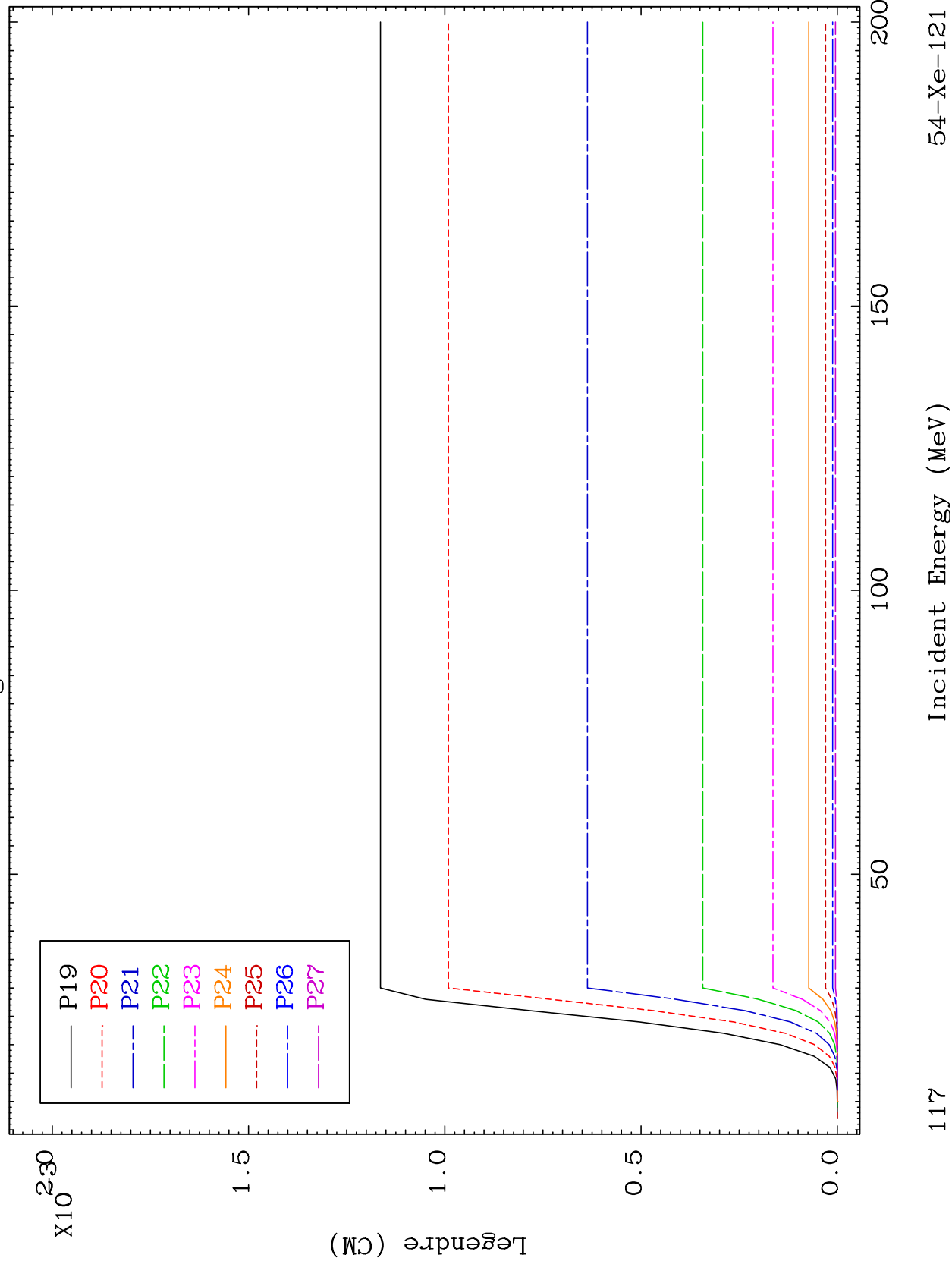
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

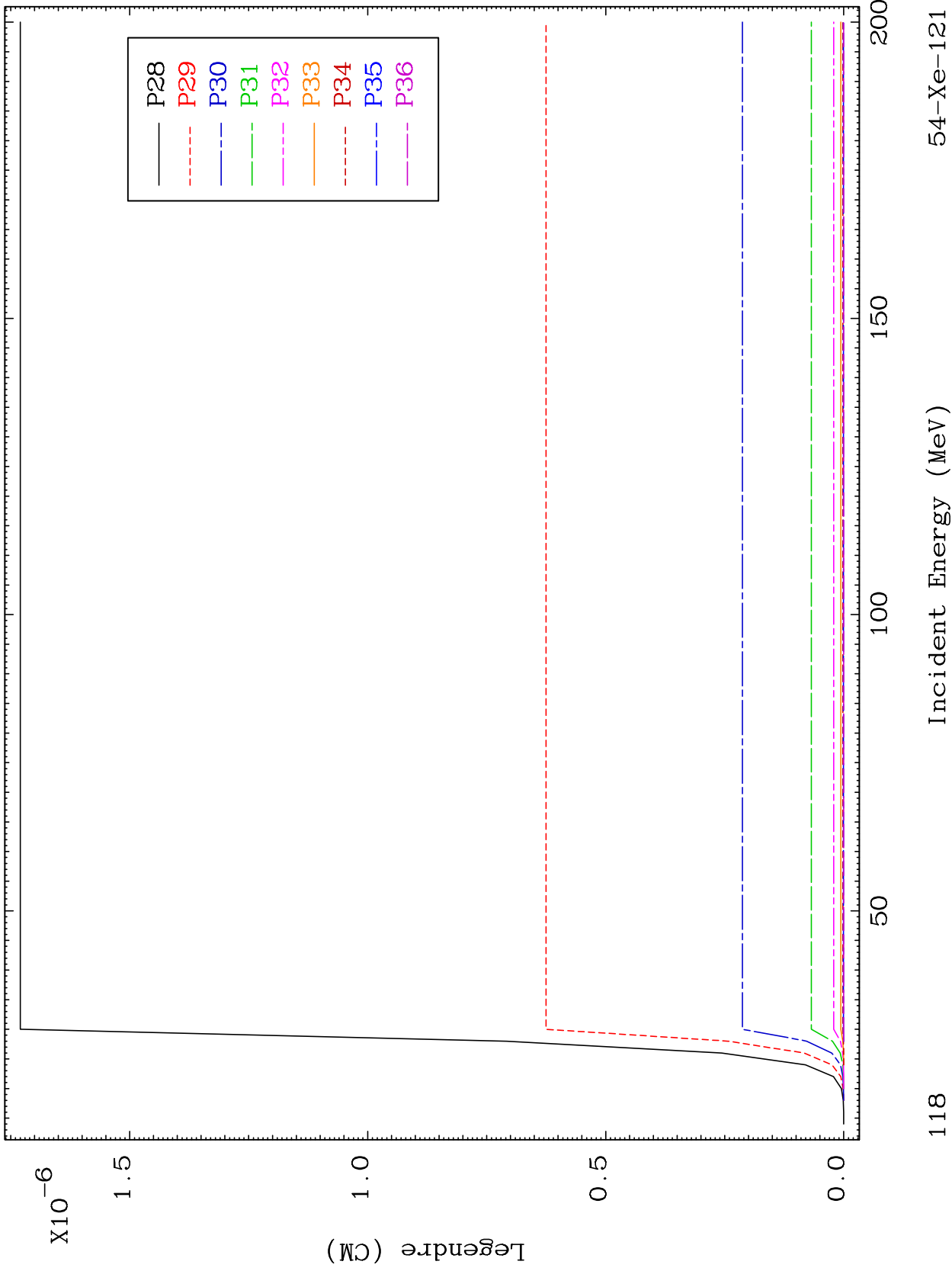
54-Xe-121



MAT 5416

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

54-Xe-121

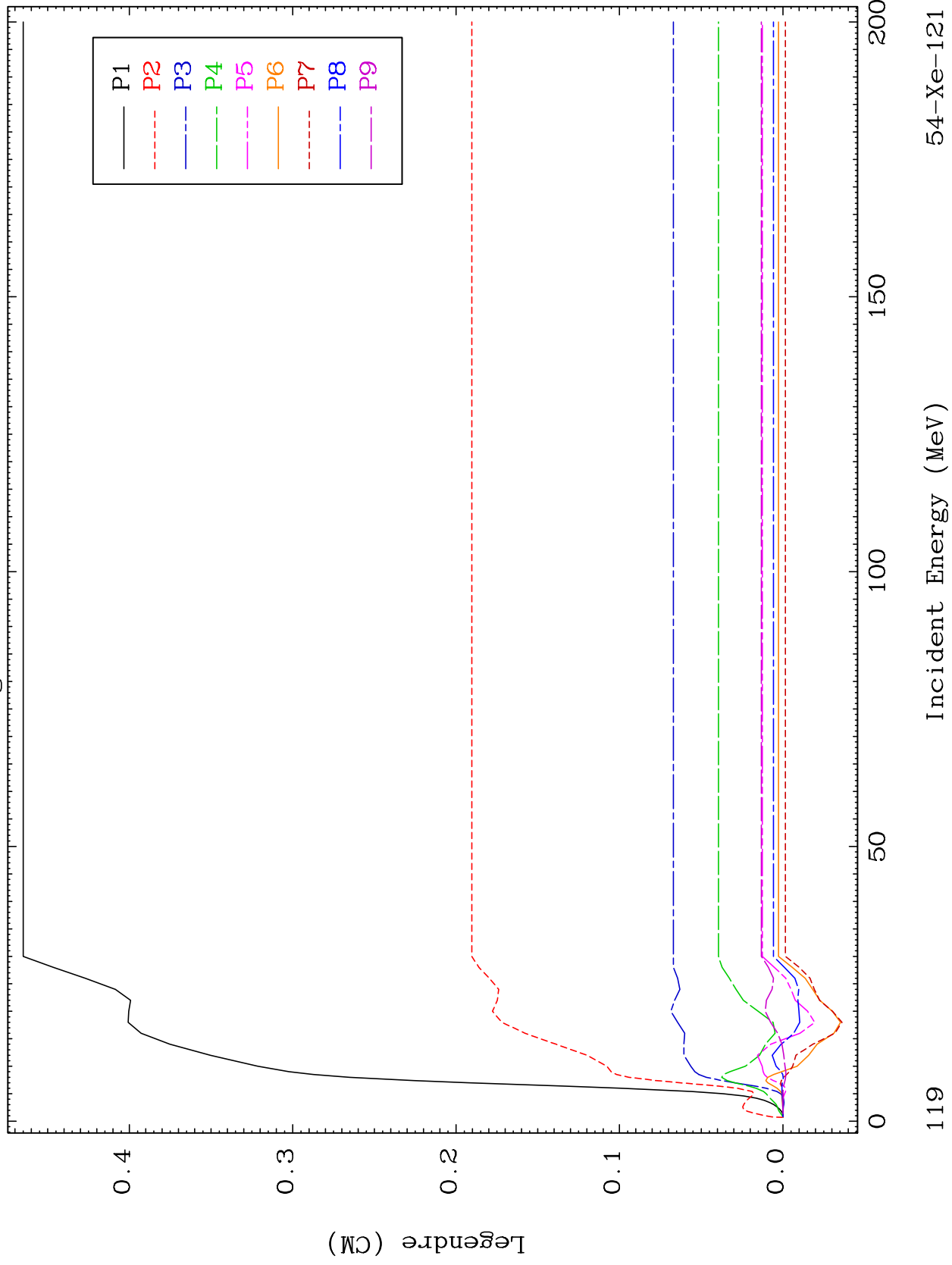


118

MAT 5416

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

54-Xe-121



54-Xe-121

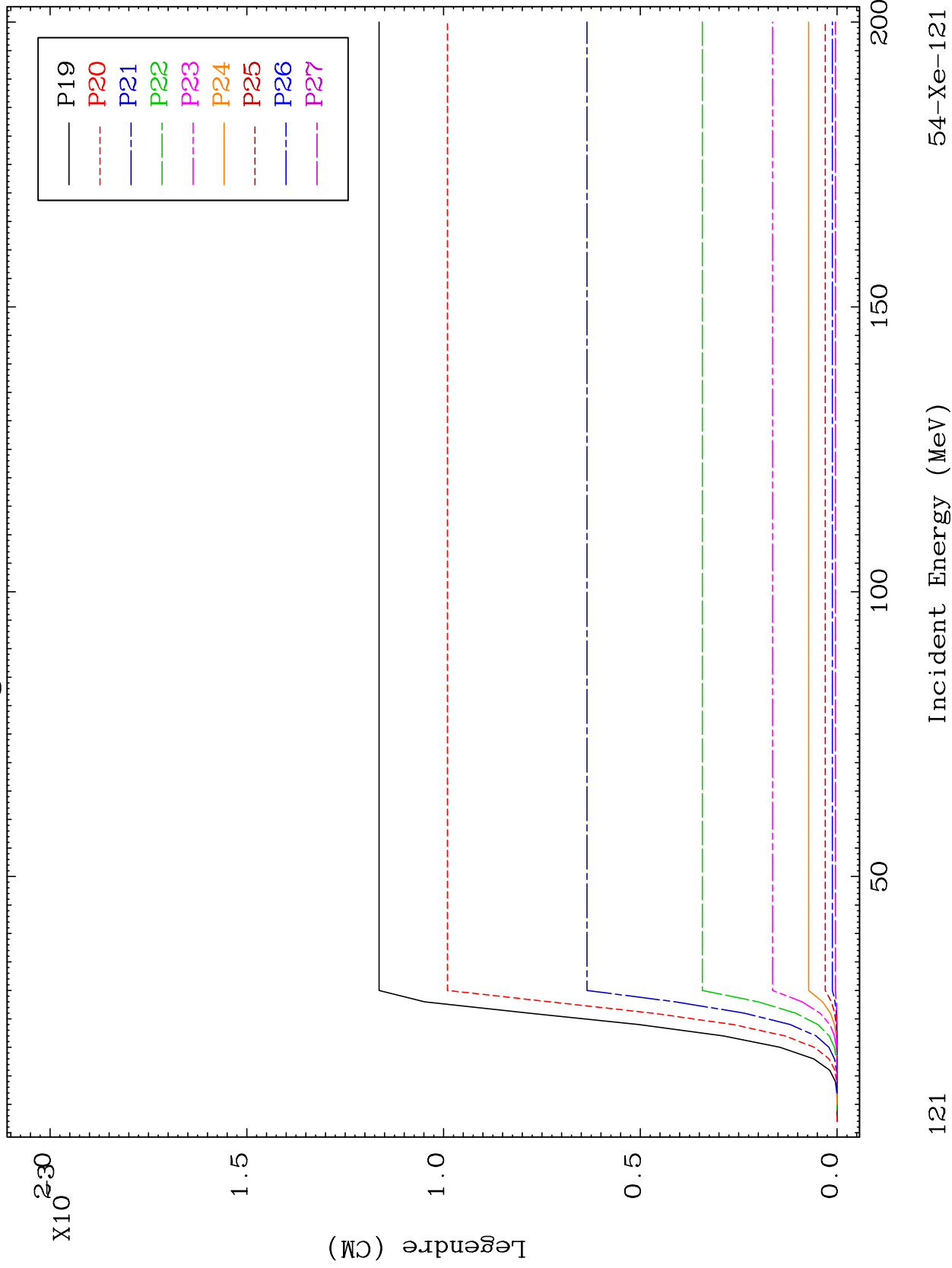
Incident Energy (MeV)

119

MAT 5416

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

54-Xe-121



121

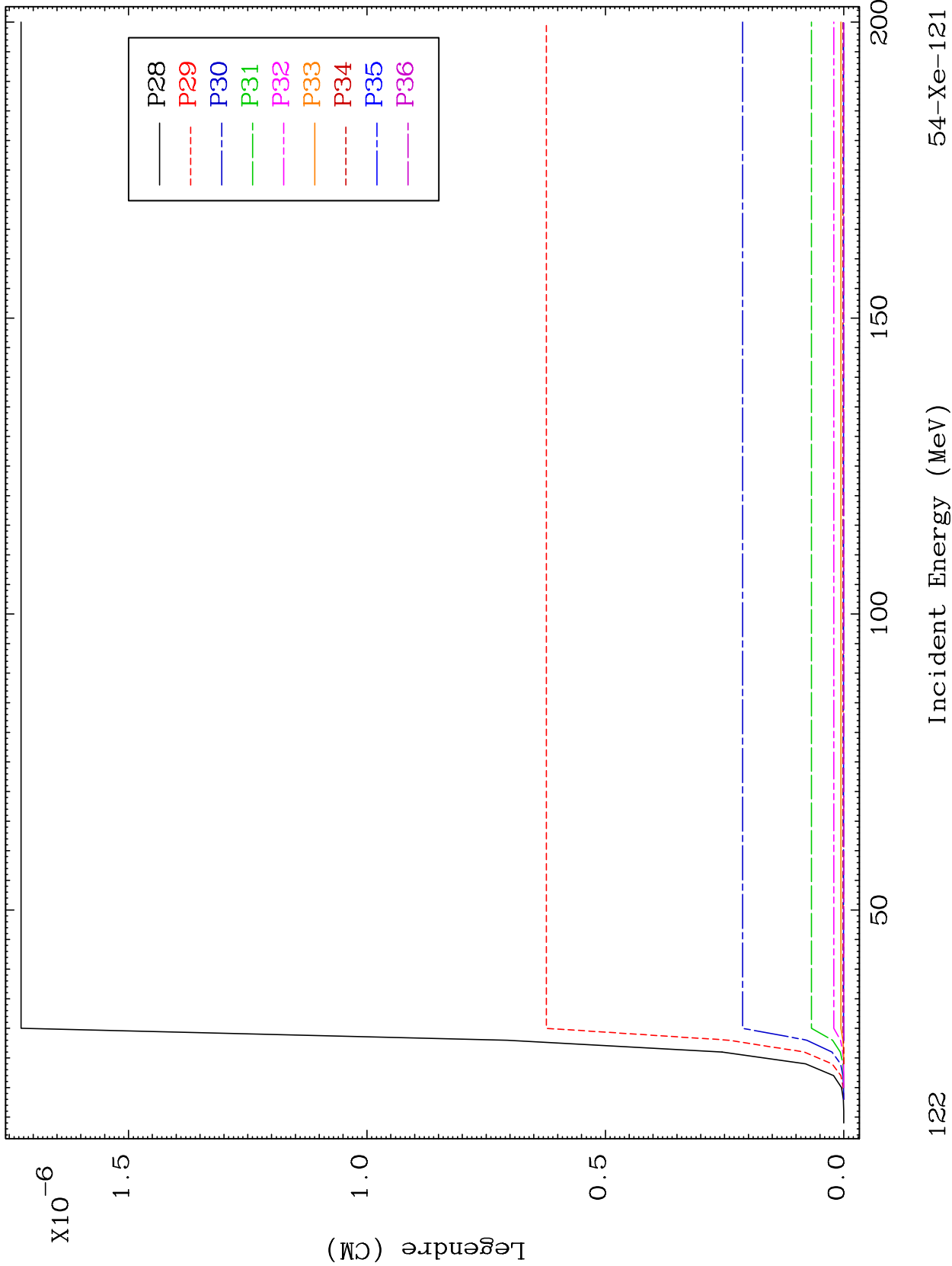
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121

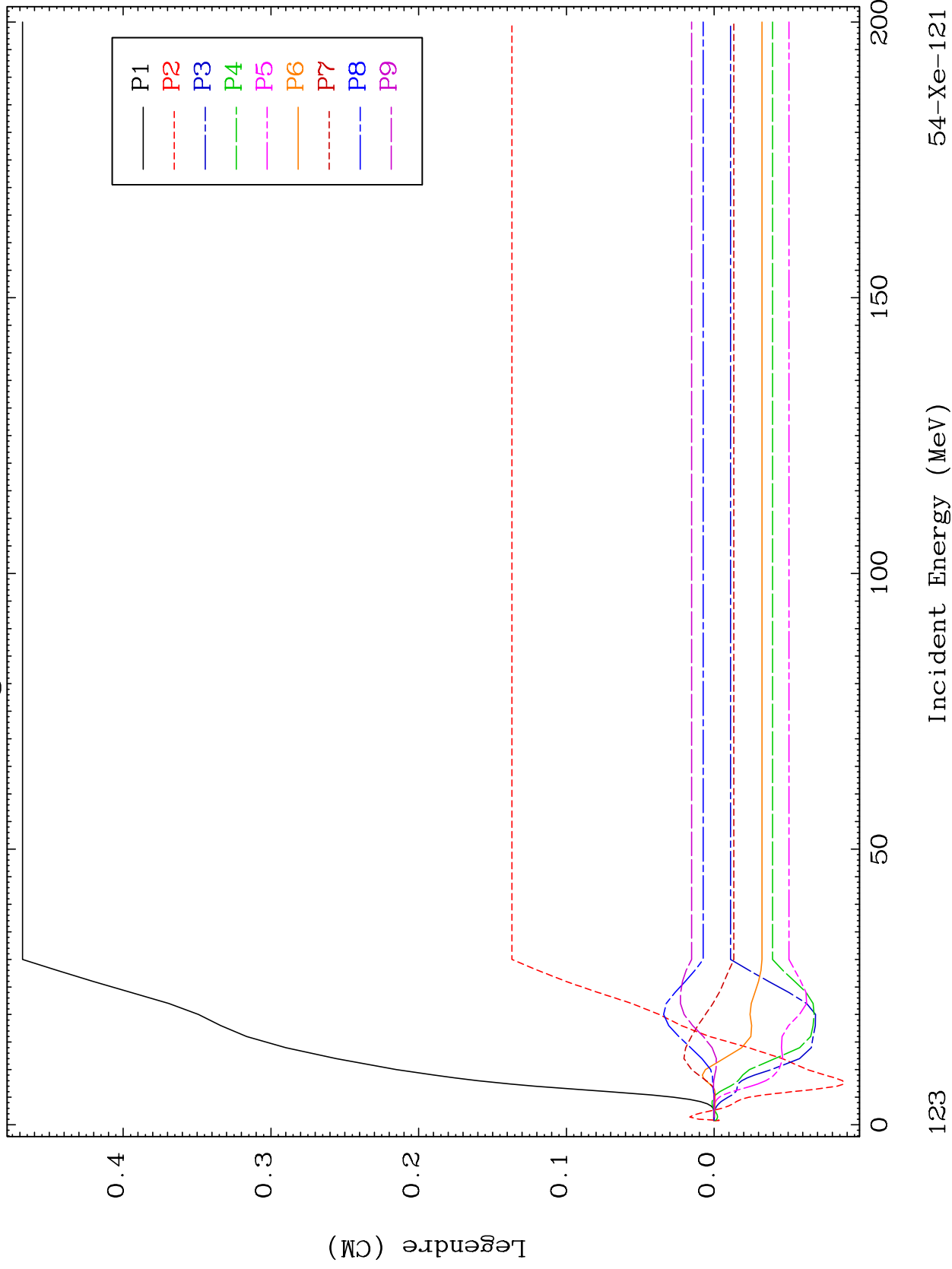


122

MAT 5416

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

54-Xe-121

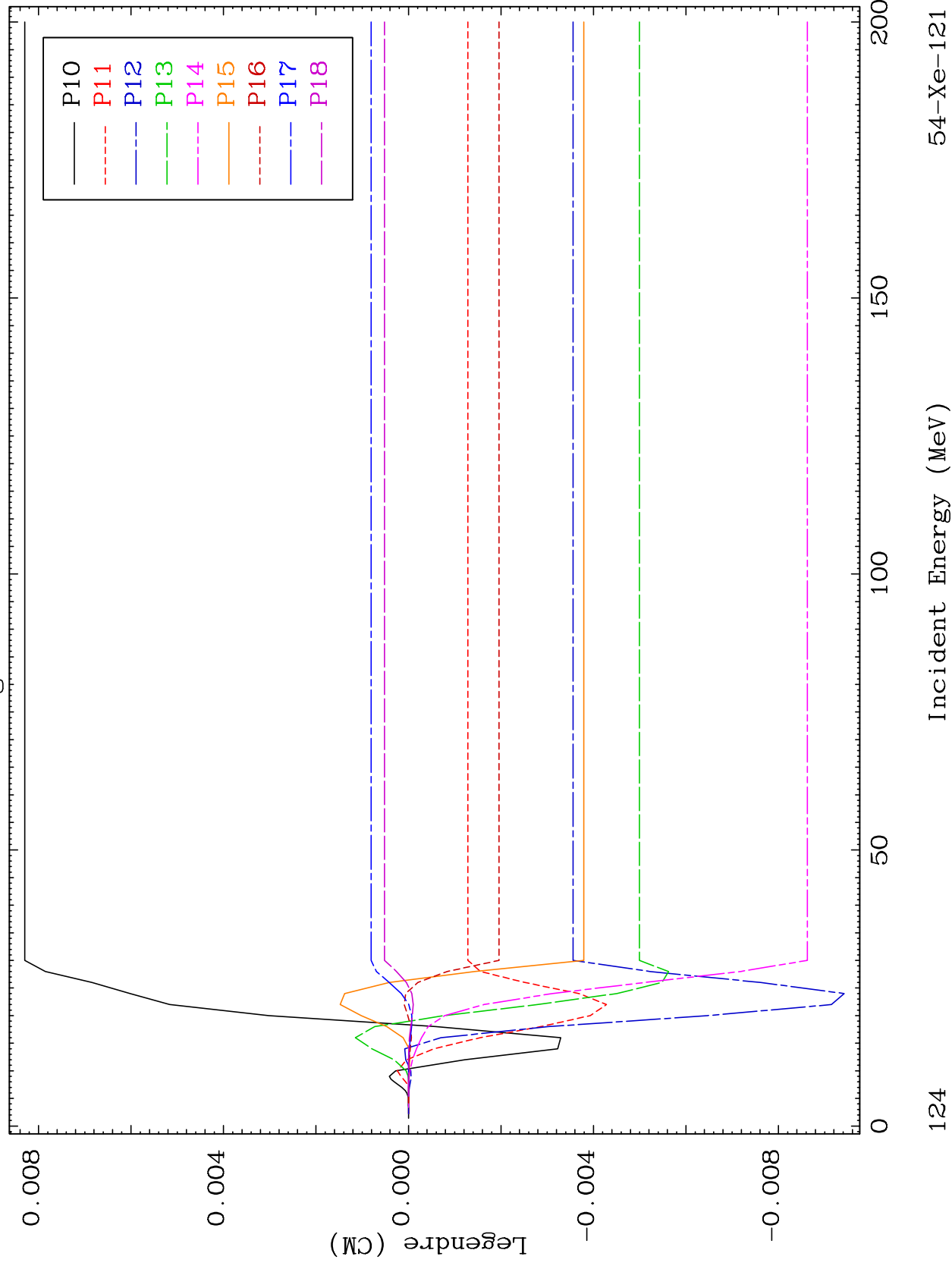


54-Xe-121

MAT 5416

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

54-Xe-121



54-Xe-121

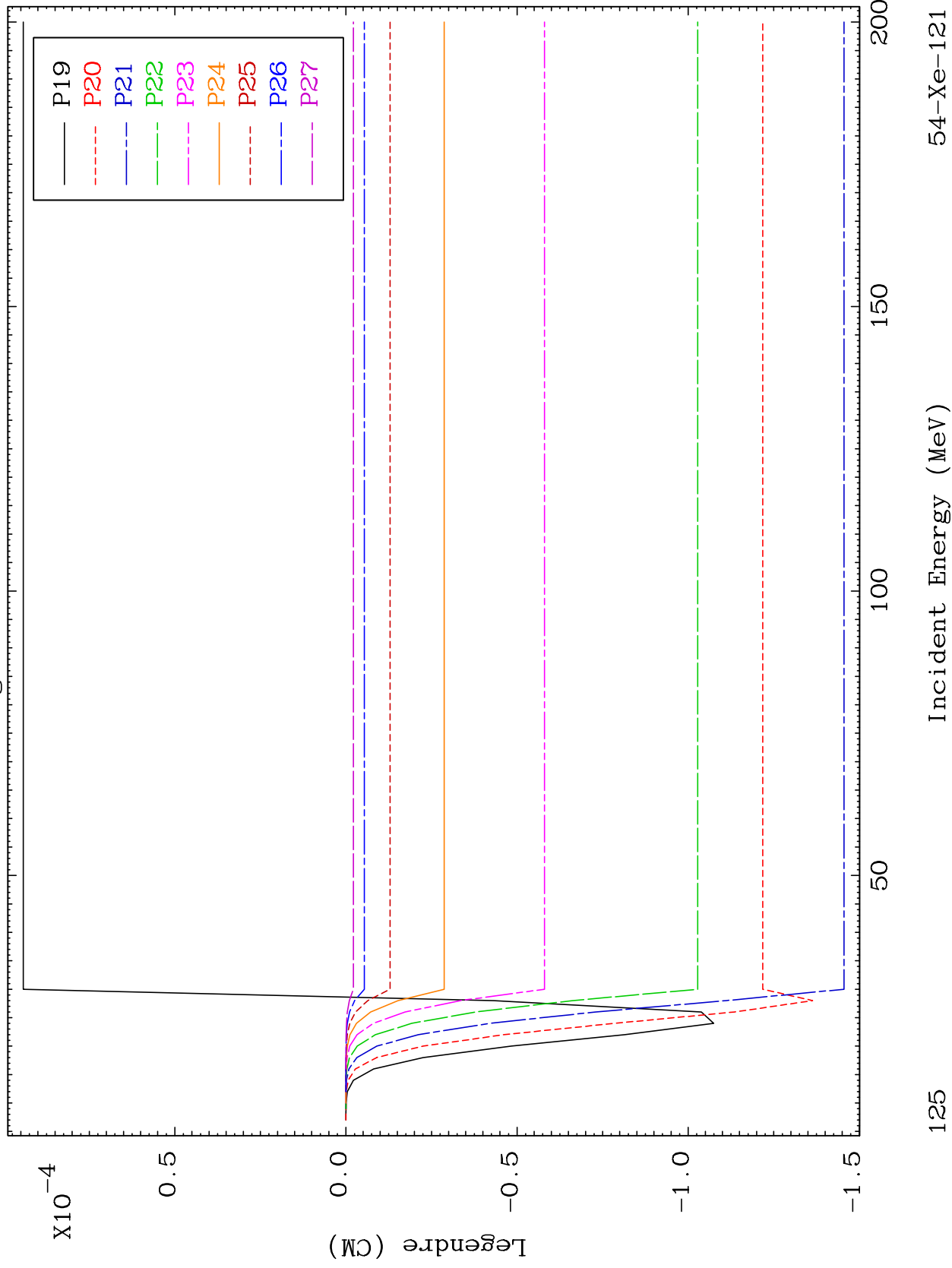
Incident Energy (MeV)

124

MAT 5416

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

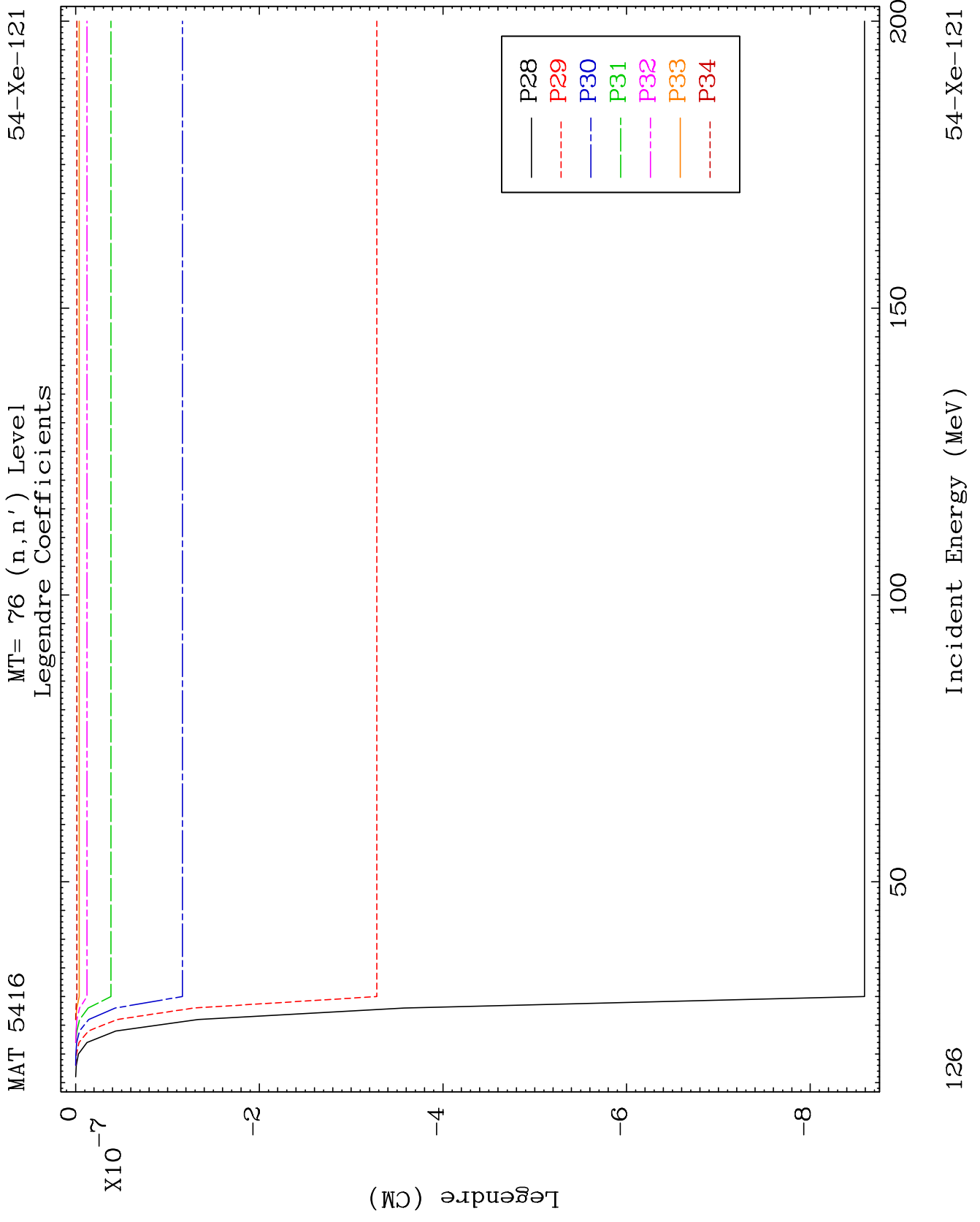
54-Xe-121



125

Incident Energy (MeV)

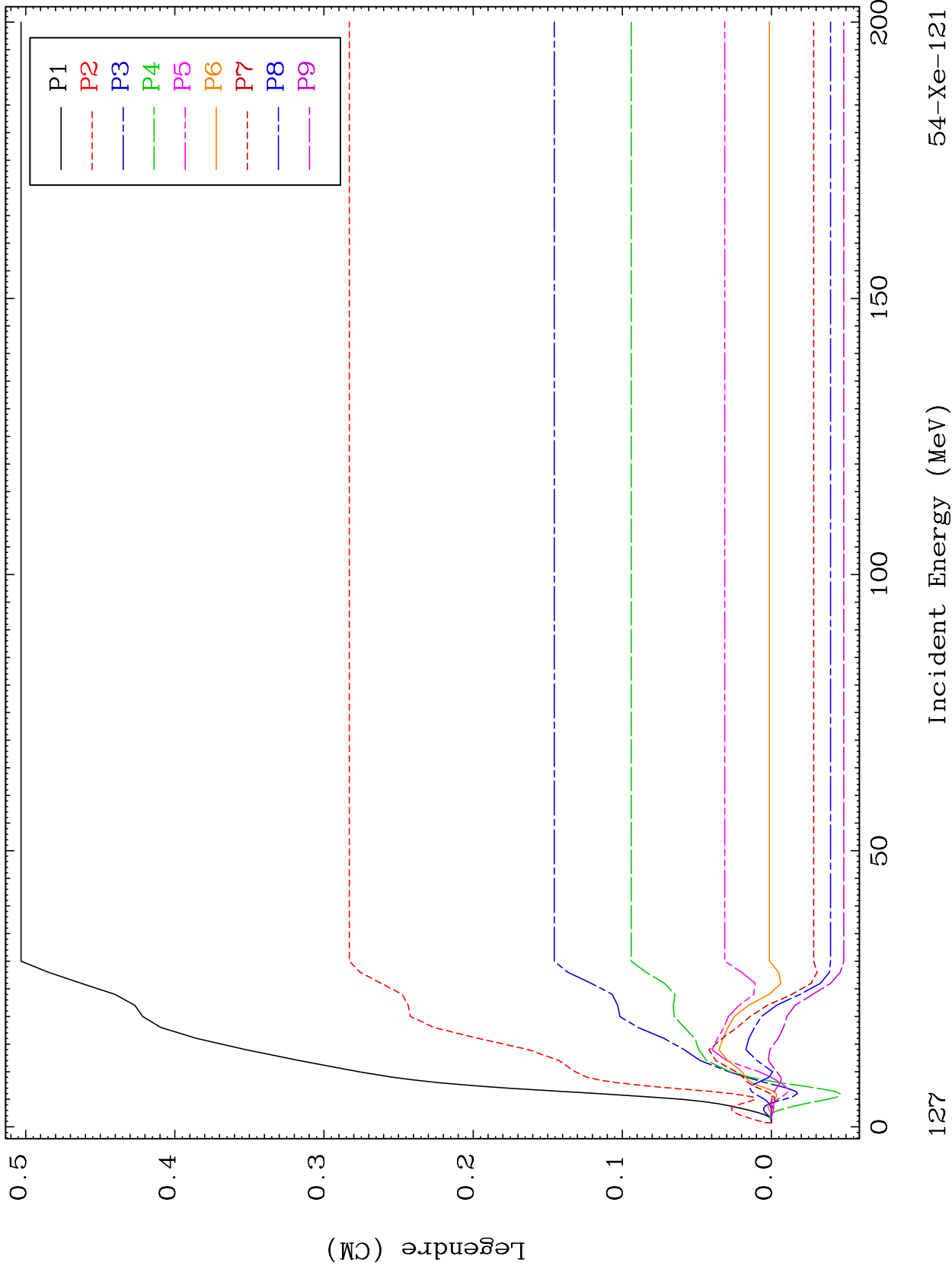
54-Xe-121



MAT 5416

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

54-Xe-121



54-Xe-121

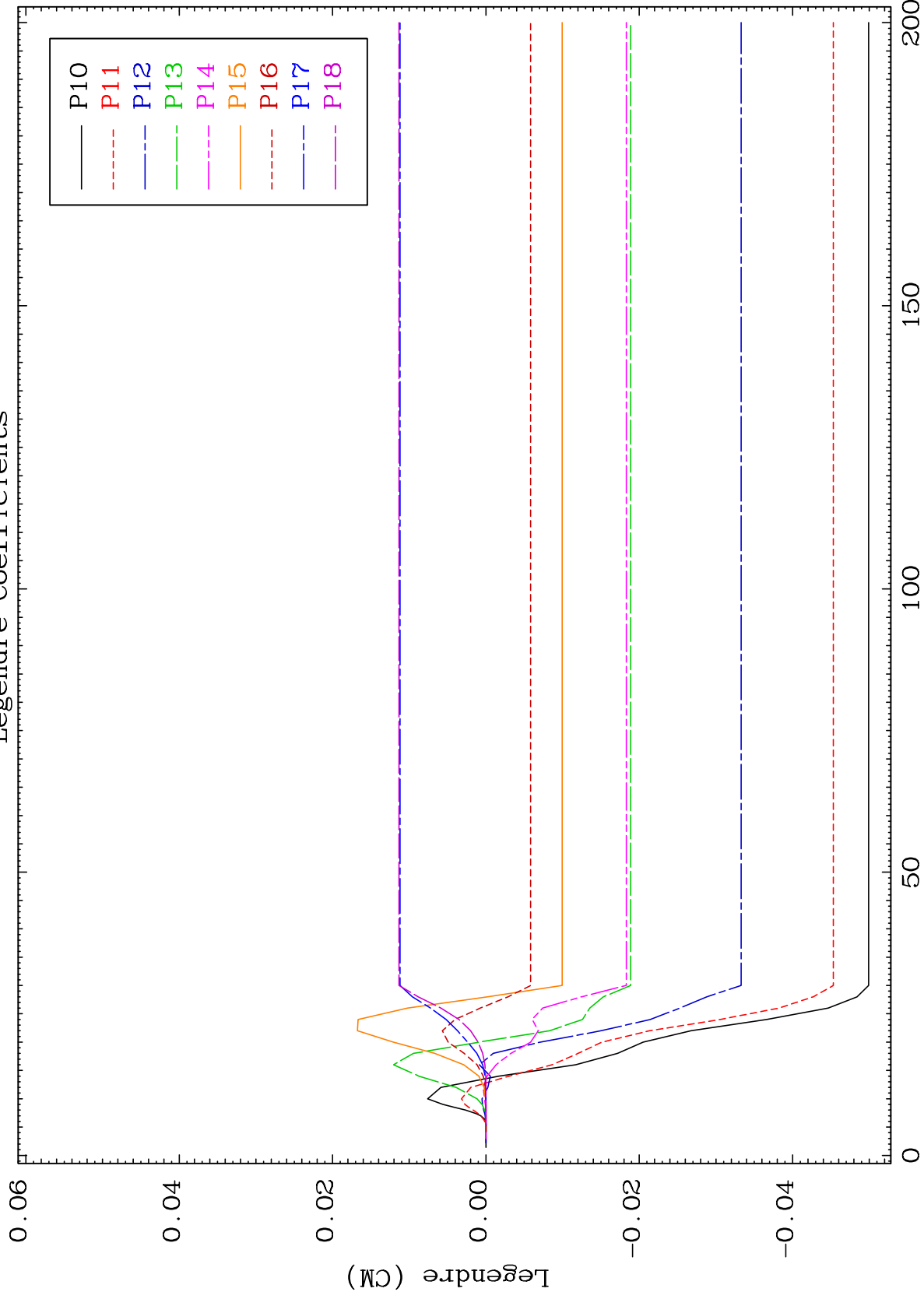
Incident Energy (MeV)

127

MAT 5416

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

54-Xe-121



128

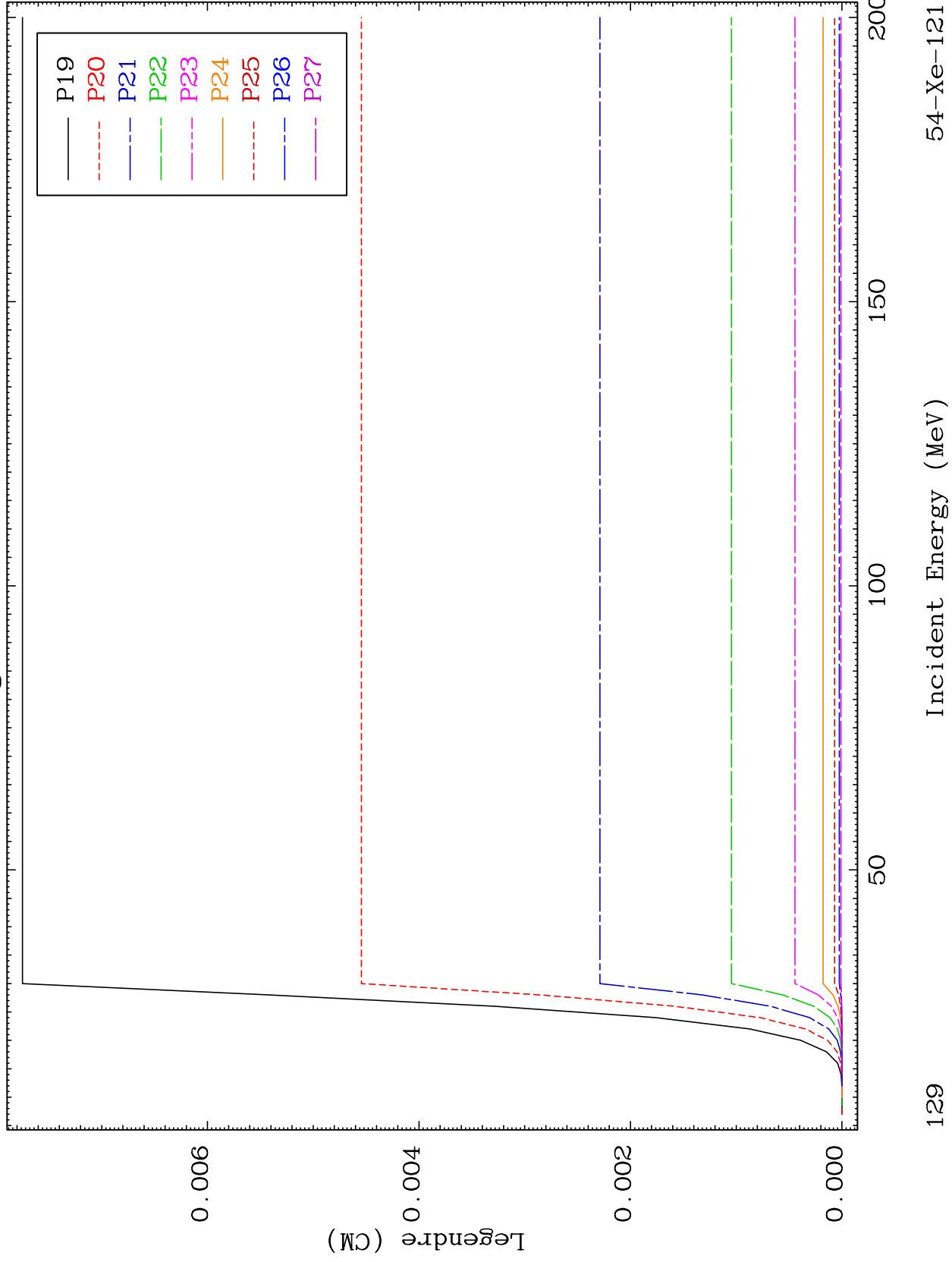
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

54-Xe-121



129

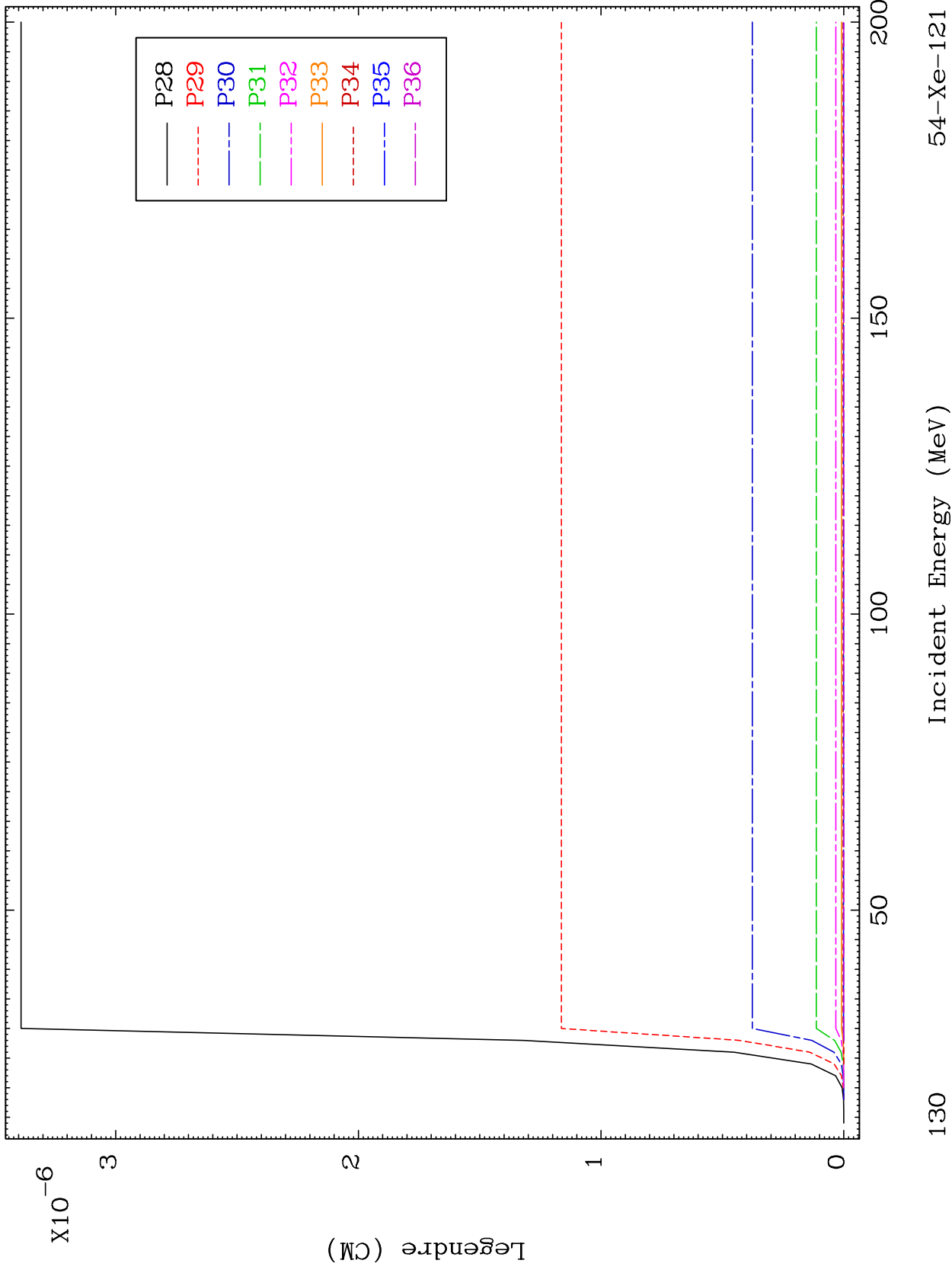
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

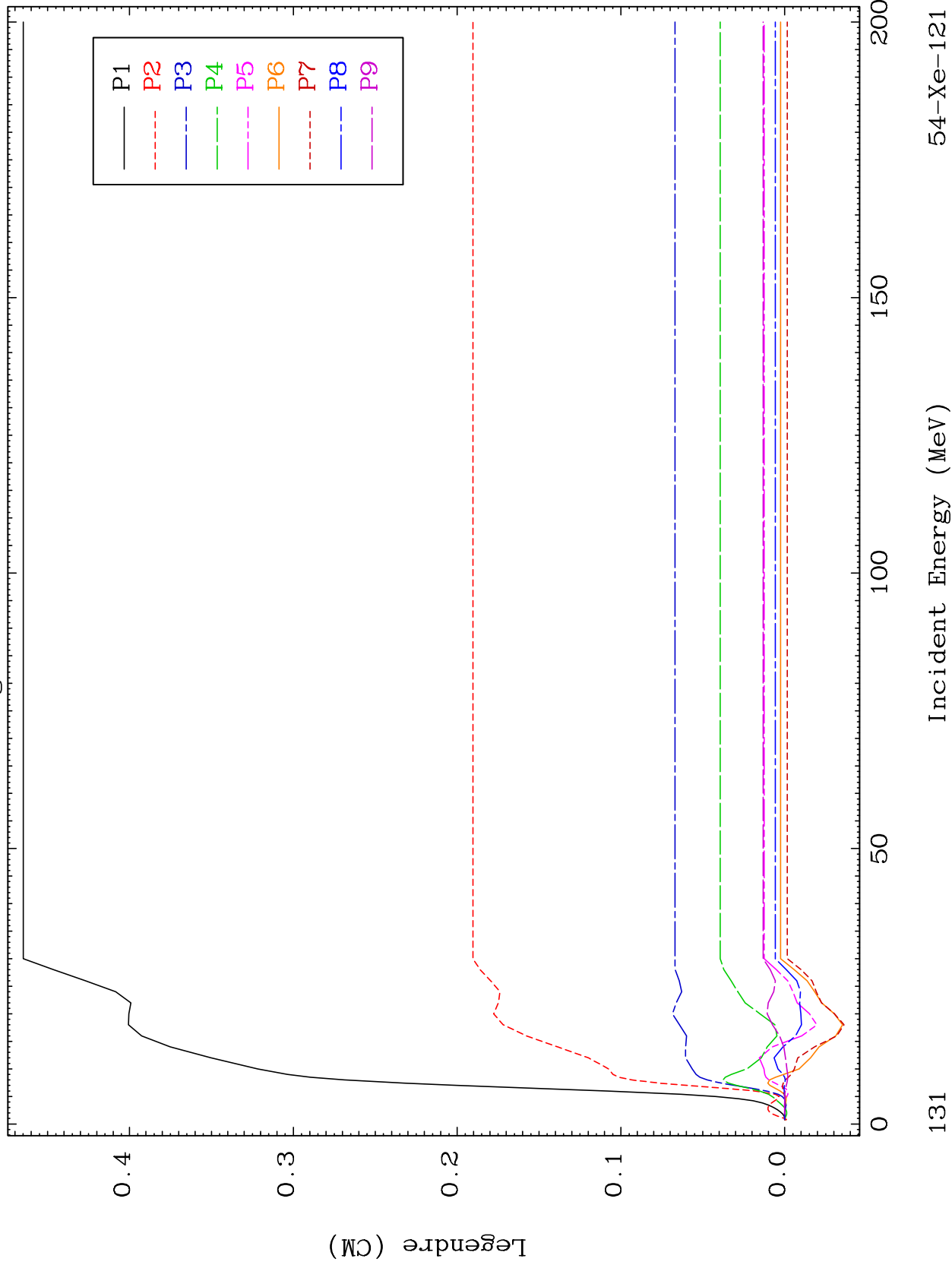
54-Xe-121



MAT 5416

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

54-Xe-121



54-Xe-121

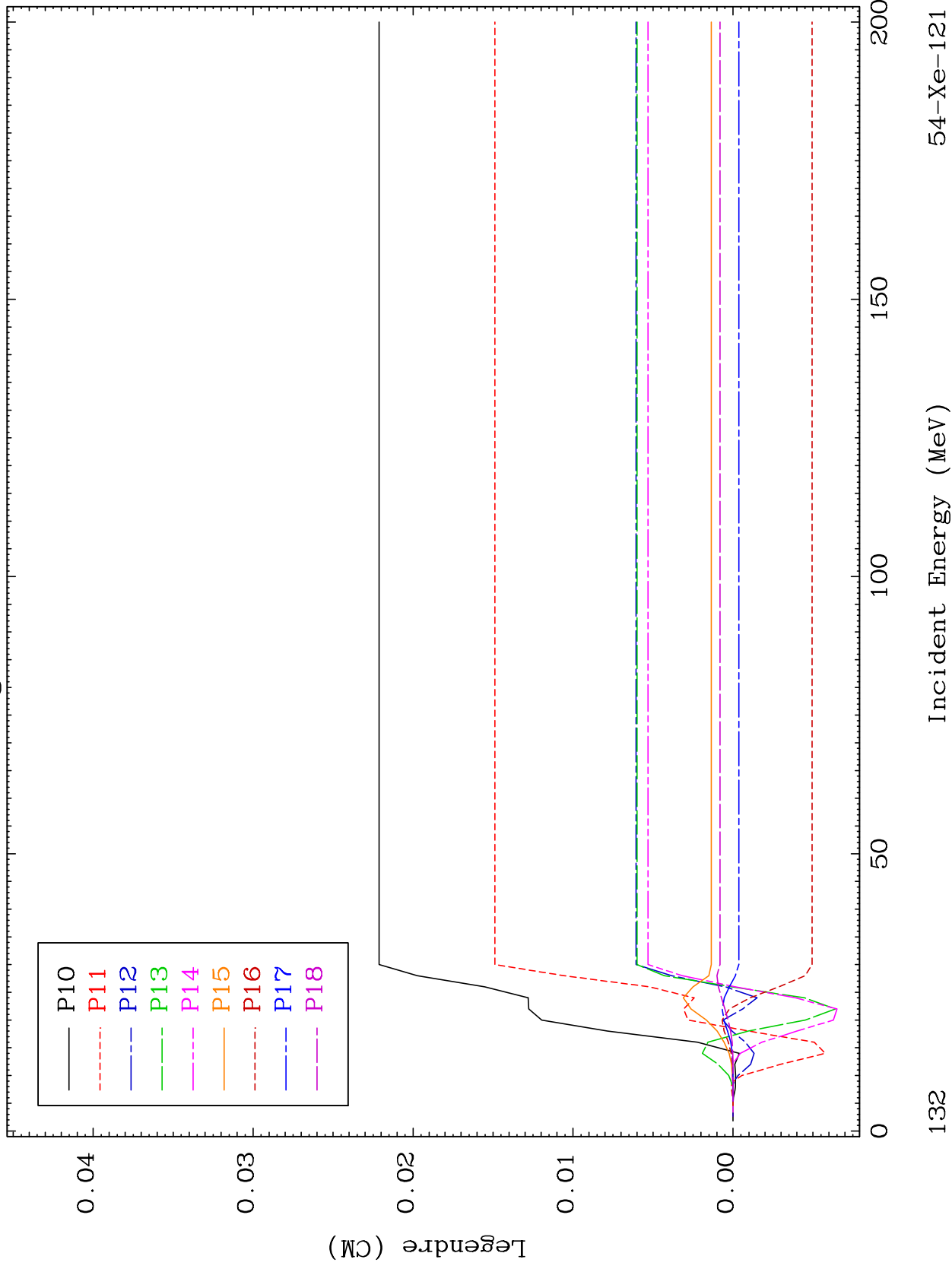
Incident Energy (MeV)

131

MAT 5416

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

54-Xe-121



54-Xe-121

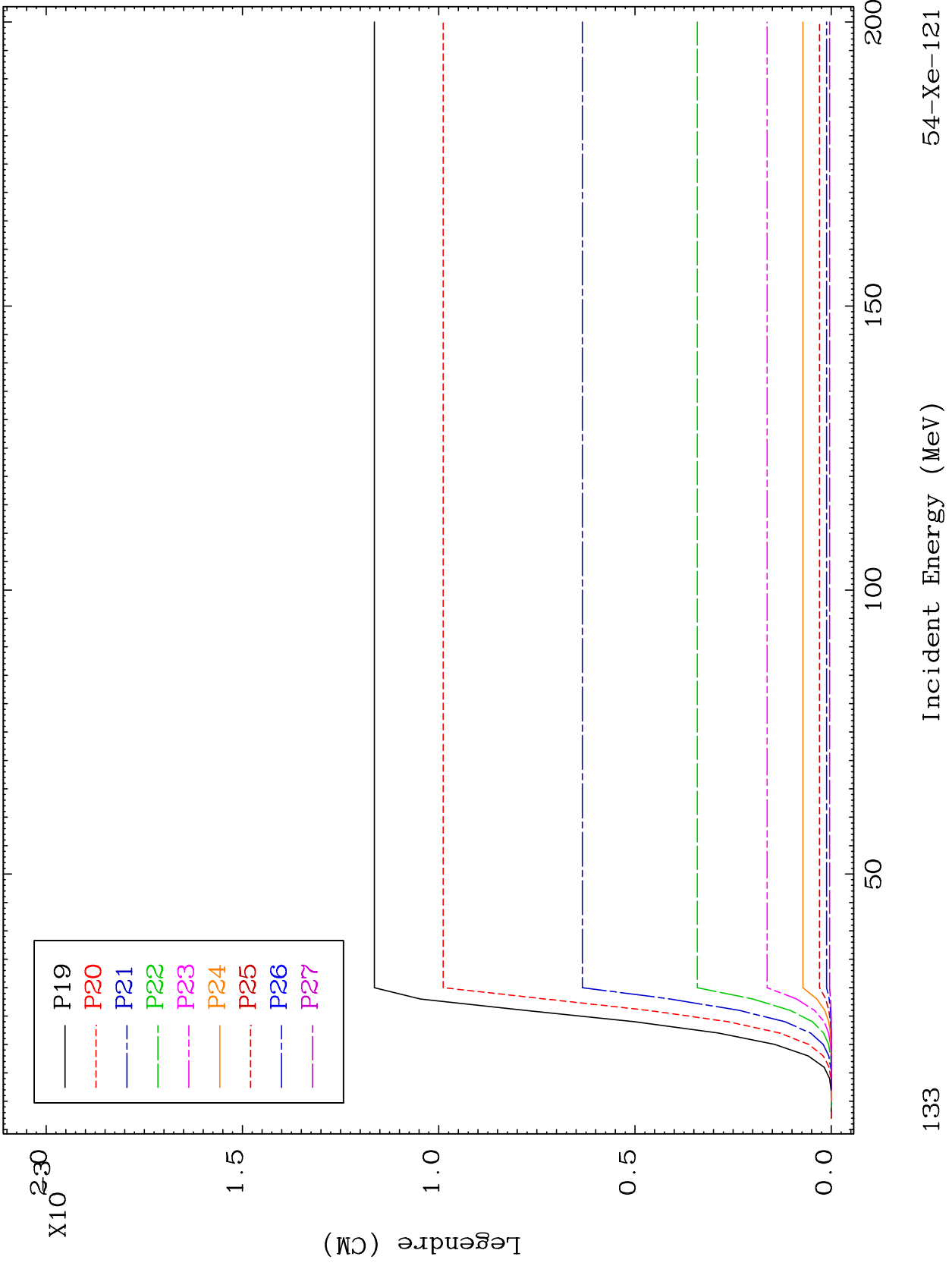
Incident Energy (MeV)

132

MAT 5416

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

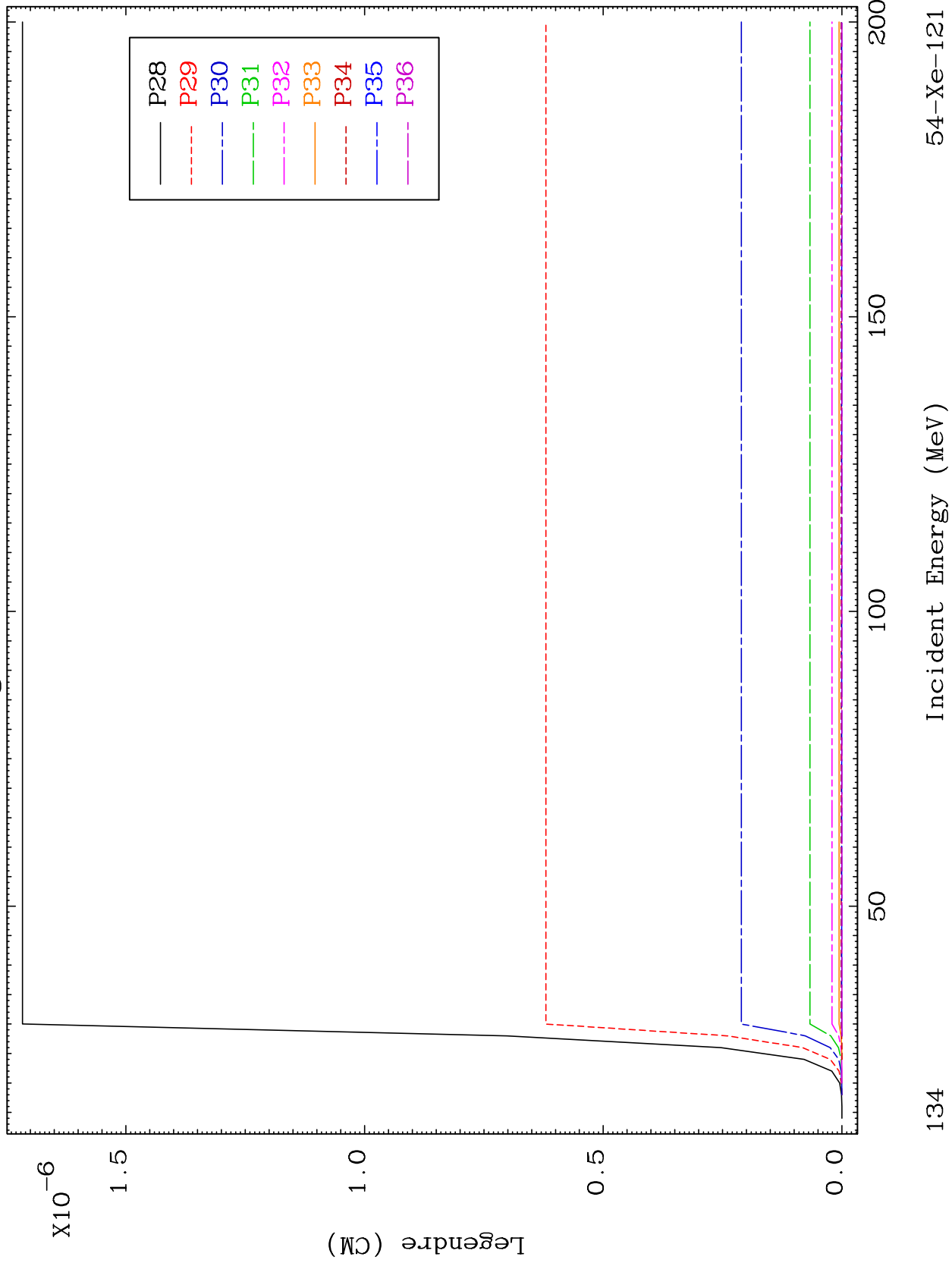
54-Xe-121



MAT 5416

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

54-Xe-121

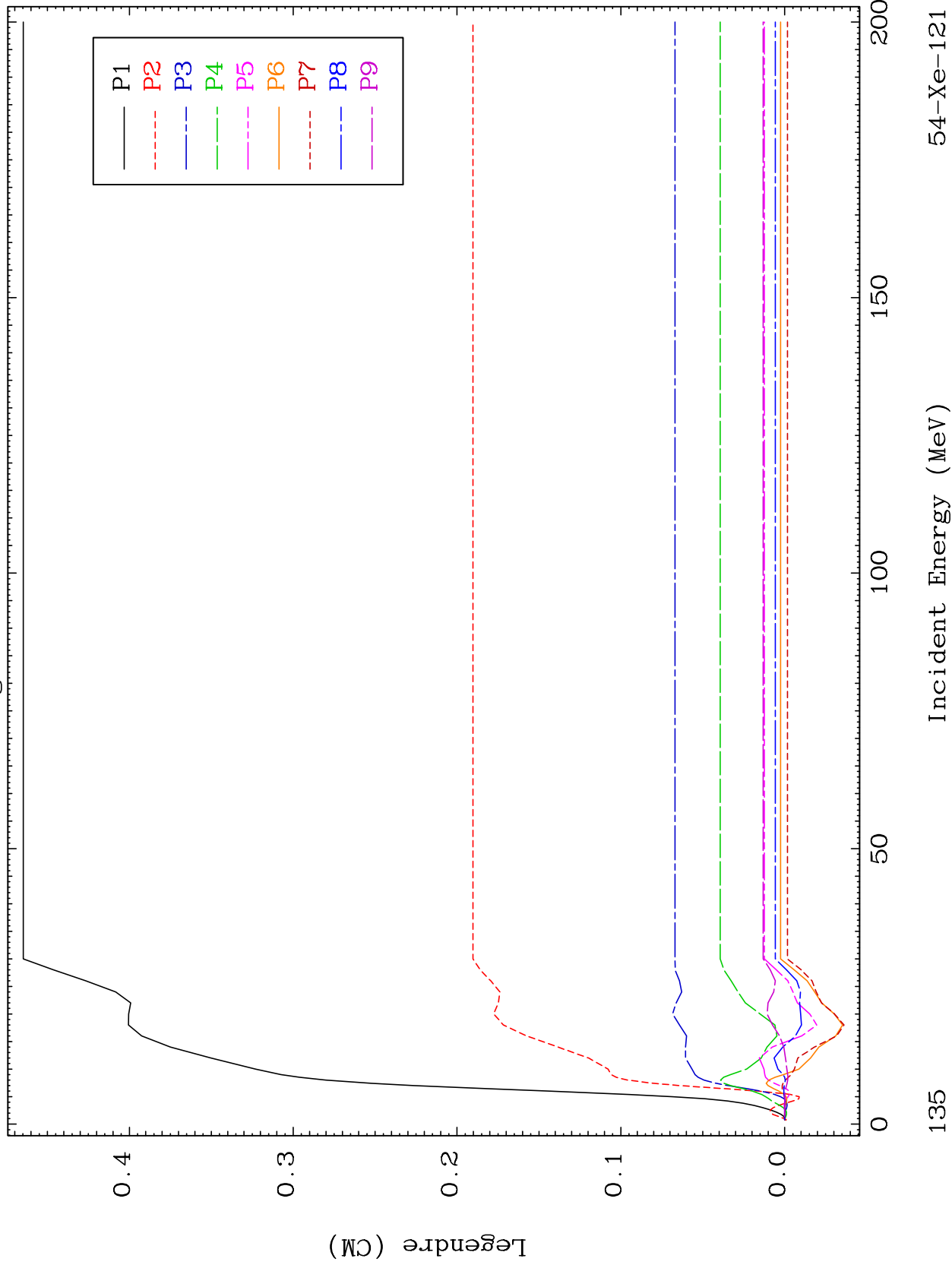


134

MAT 5416

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

54-Xe-121



54-Xe-121

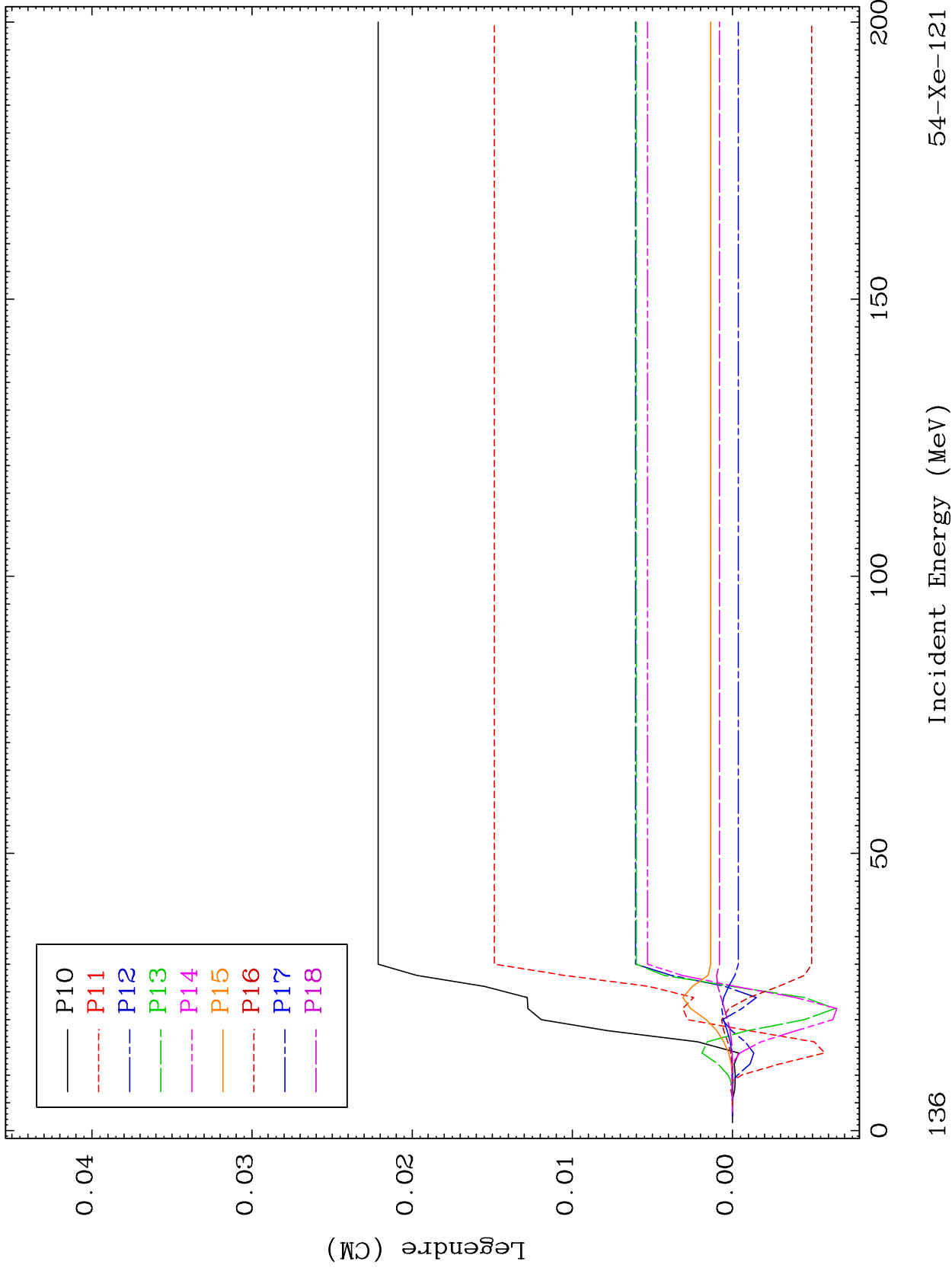
Incident Energy (MeV)

135

MAT 5416

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

54-Xe-121



136

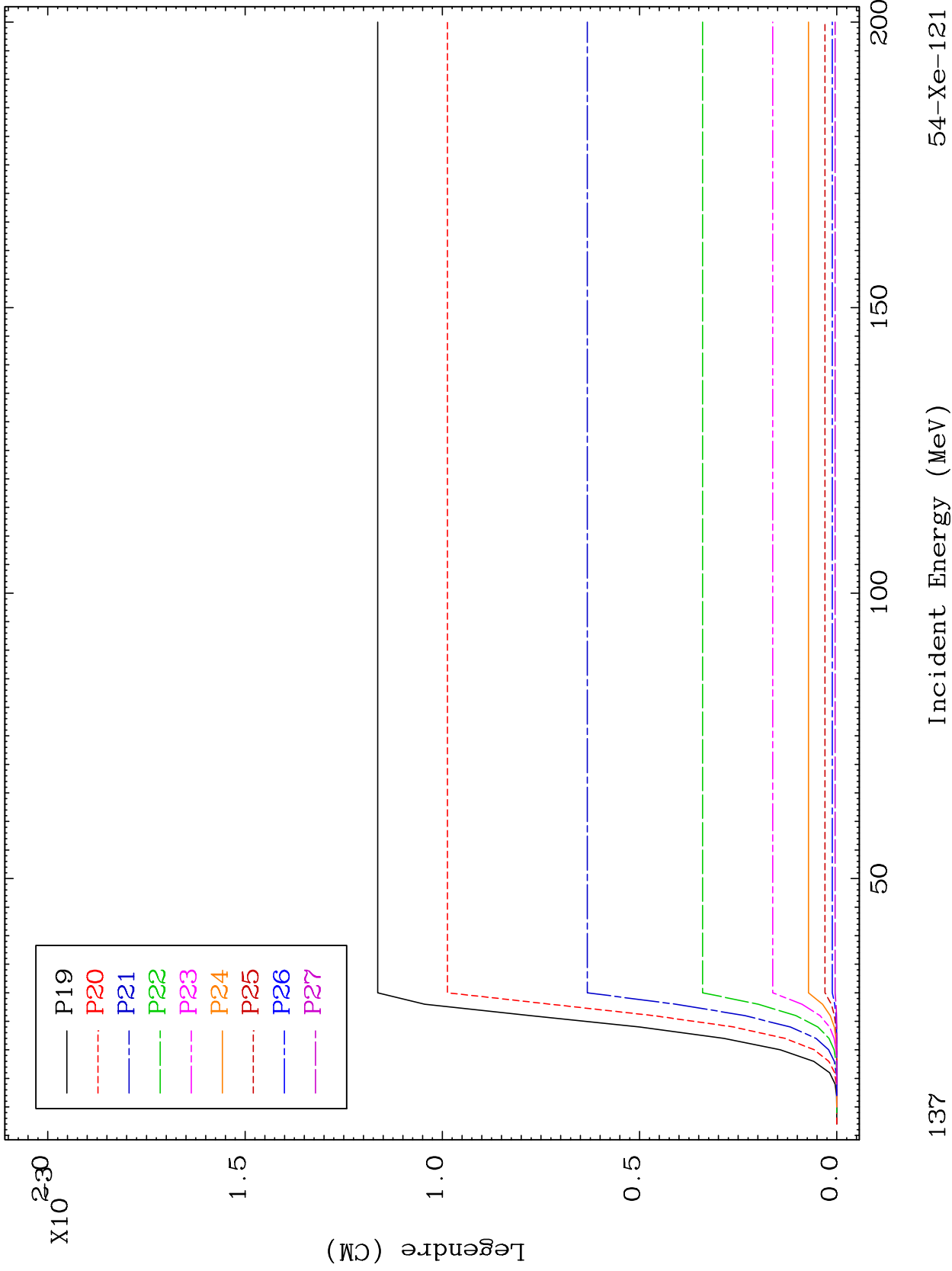
Incident Energy (MeV)

54-Xe-121

MAT 5416

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

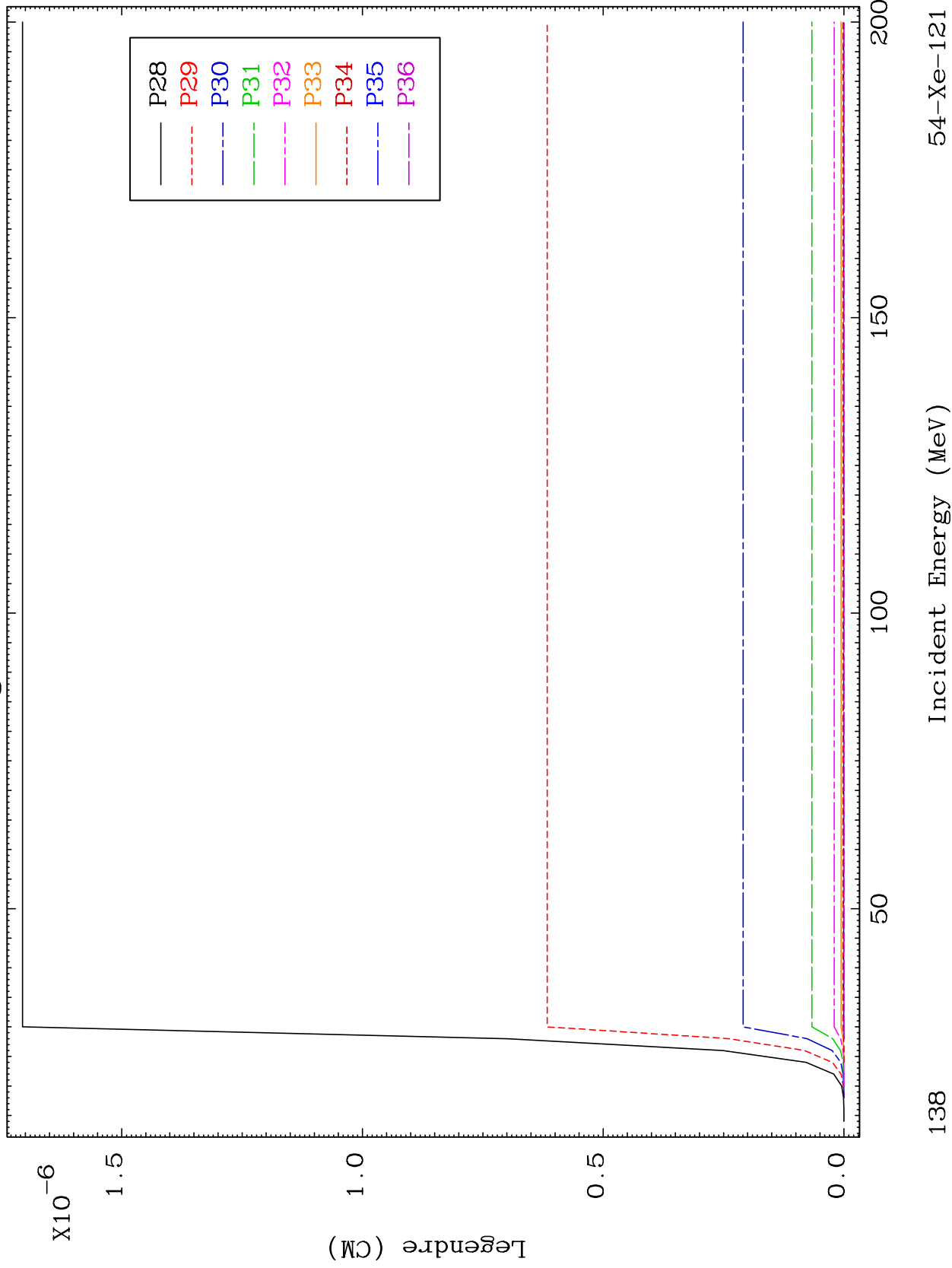
54-Xe-121



MAT 5416

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

54-Xe-121

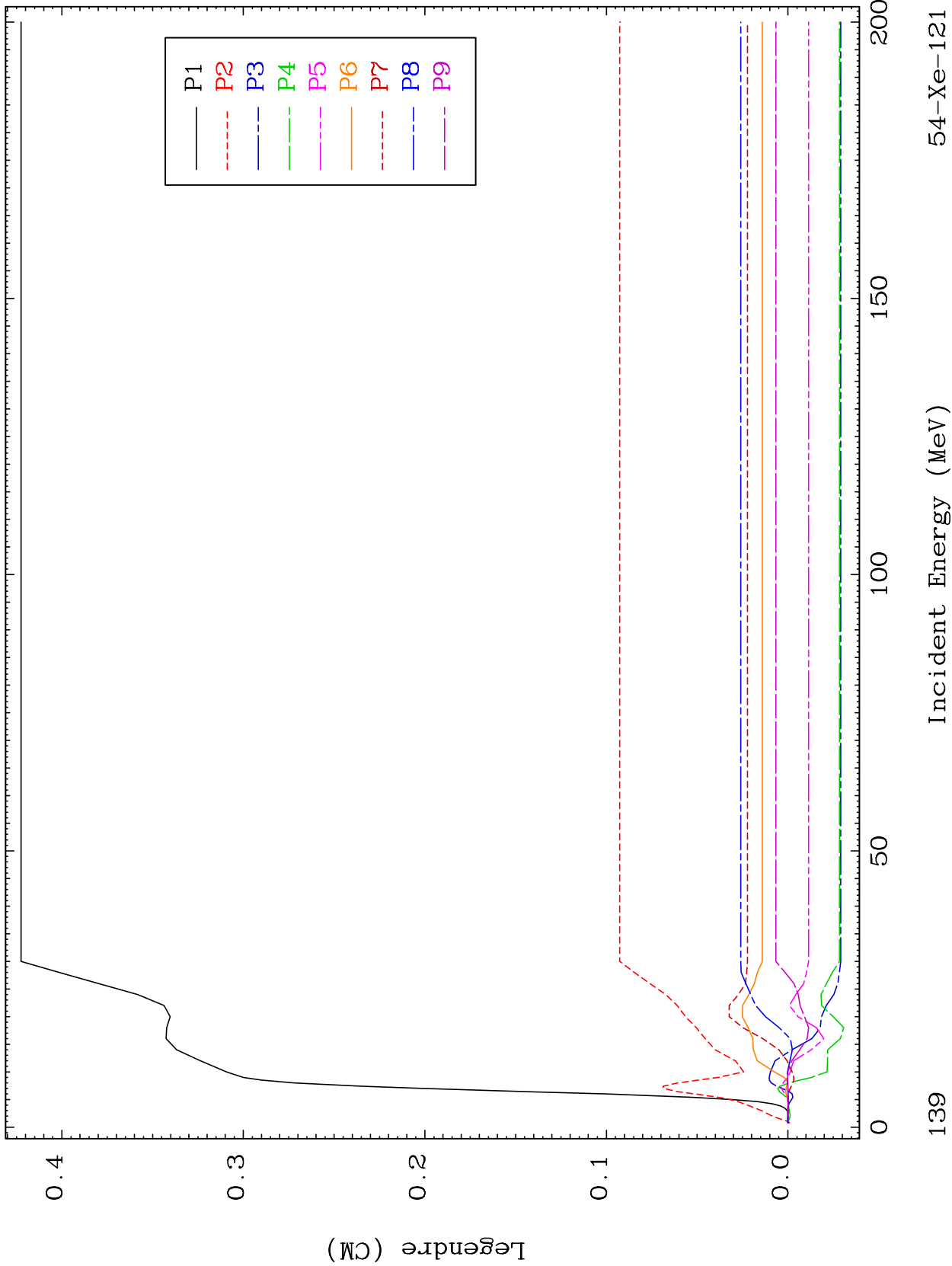


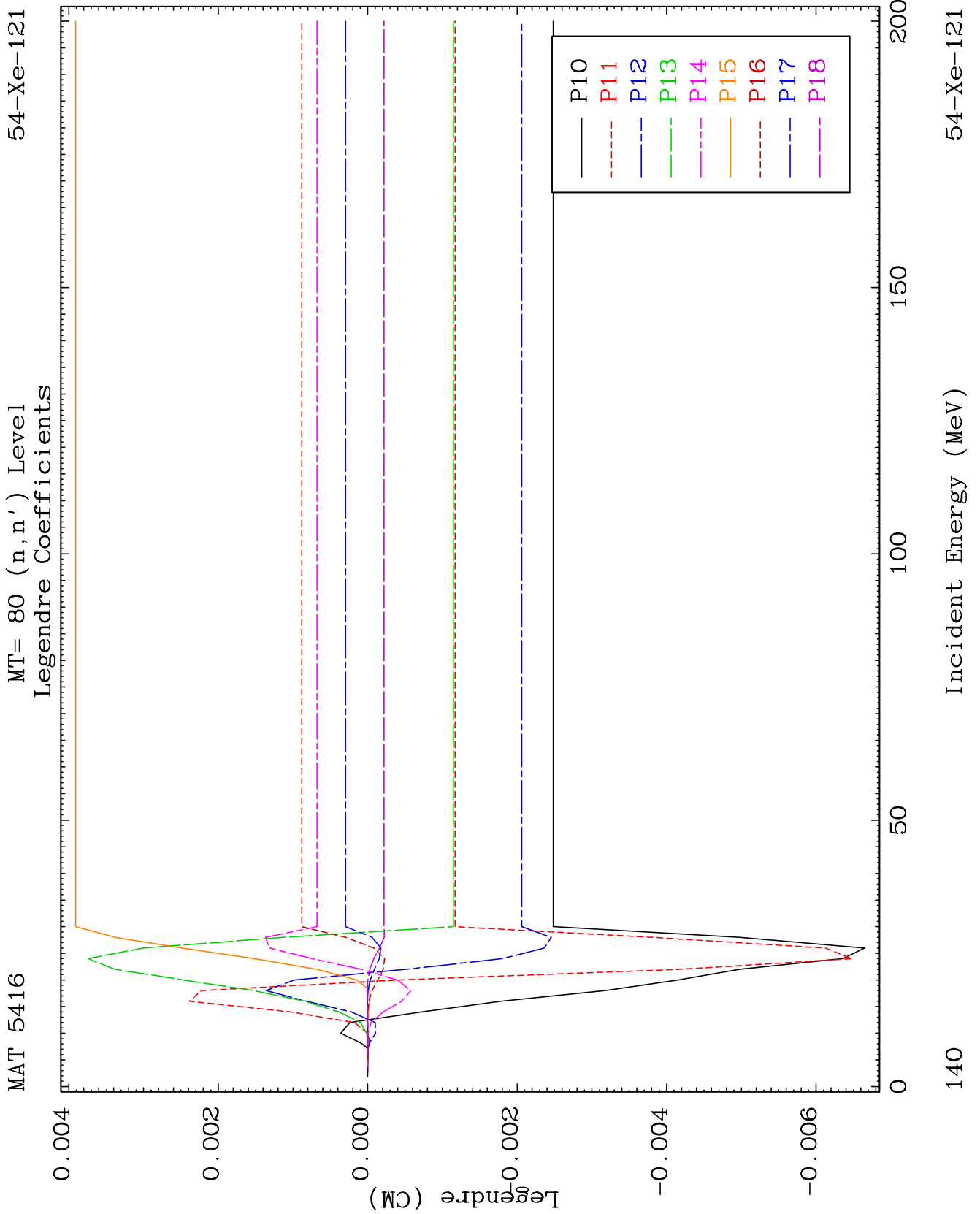
138

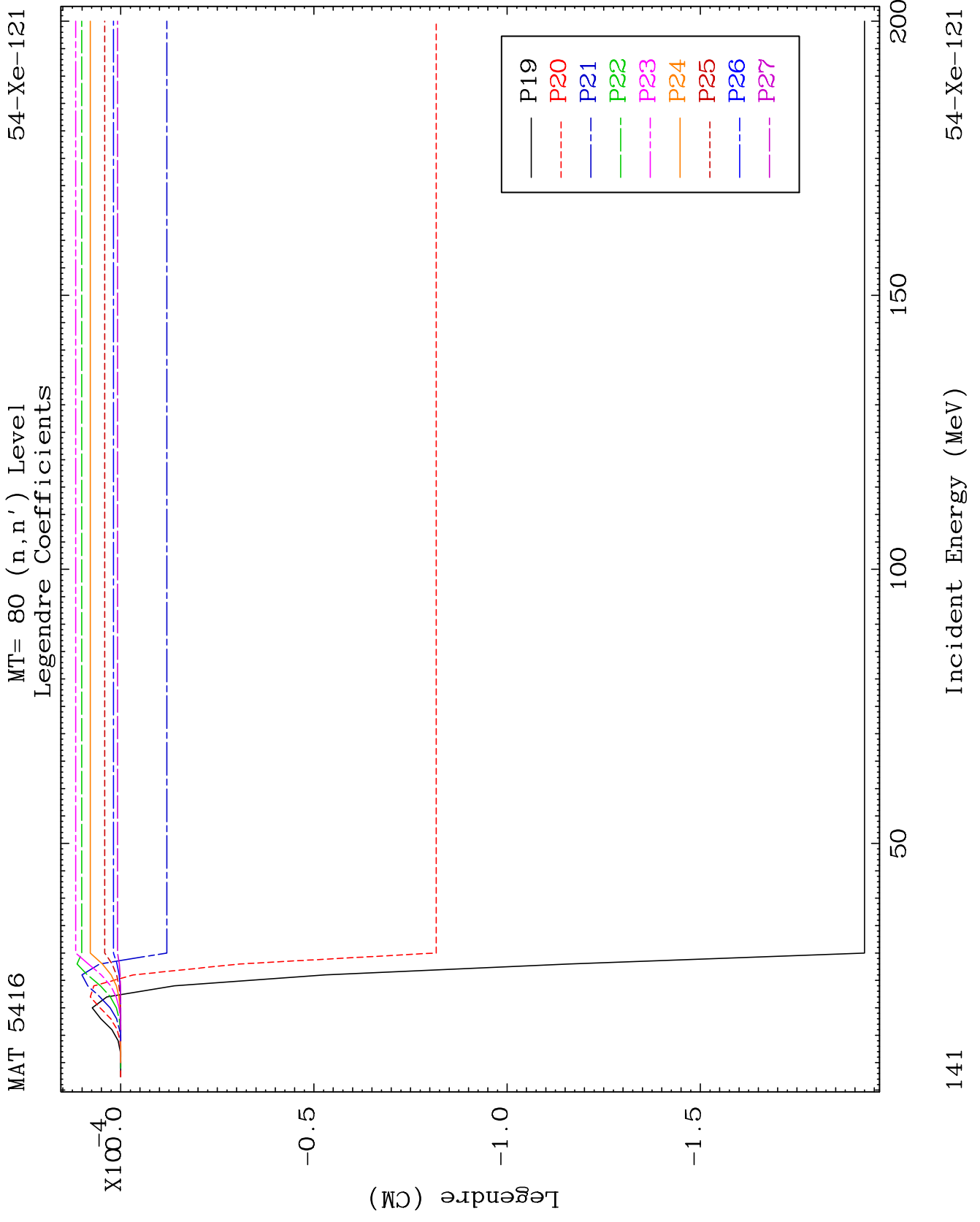
MAT 5416

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

54-Xe-121



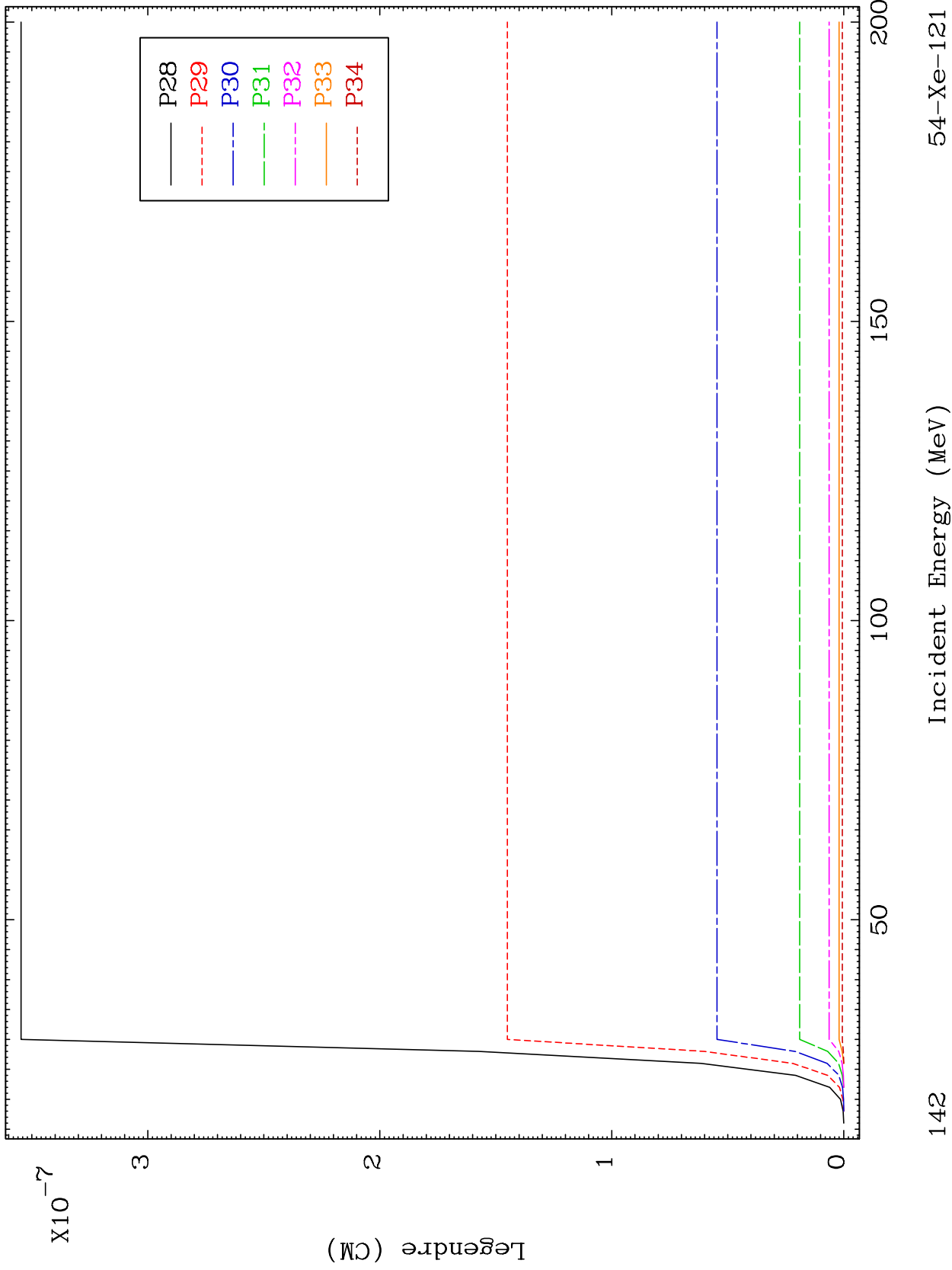




MAT 5416

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

54-Xe-121



142

Incident Energy (MeV)

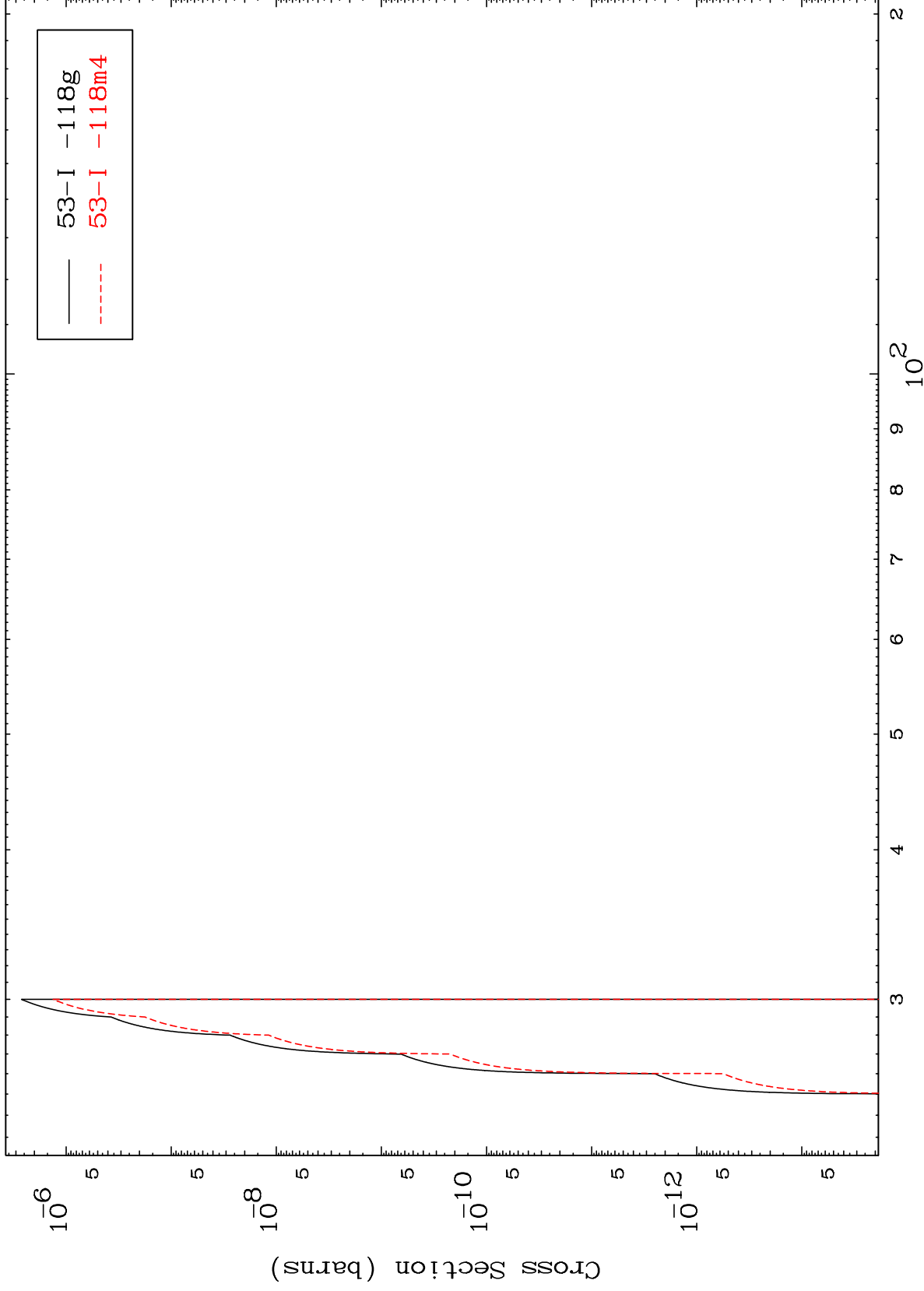
54-Xe-121

MAT 5416

(n,2n) d

54-Xe-121

Radionuclide Production Cross Section



143

Incident Energy (MeV)

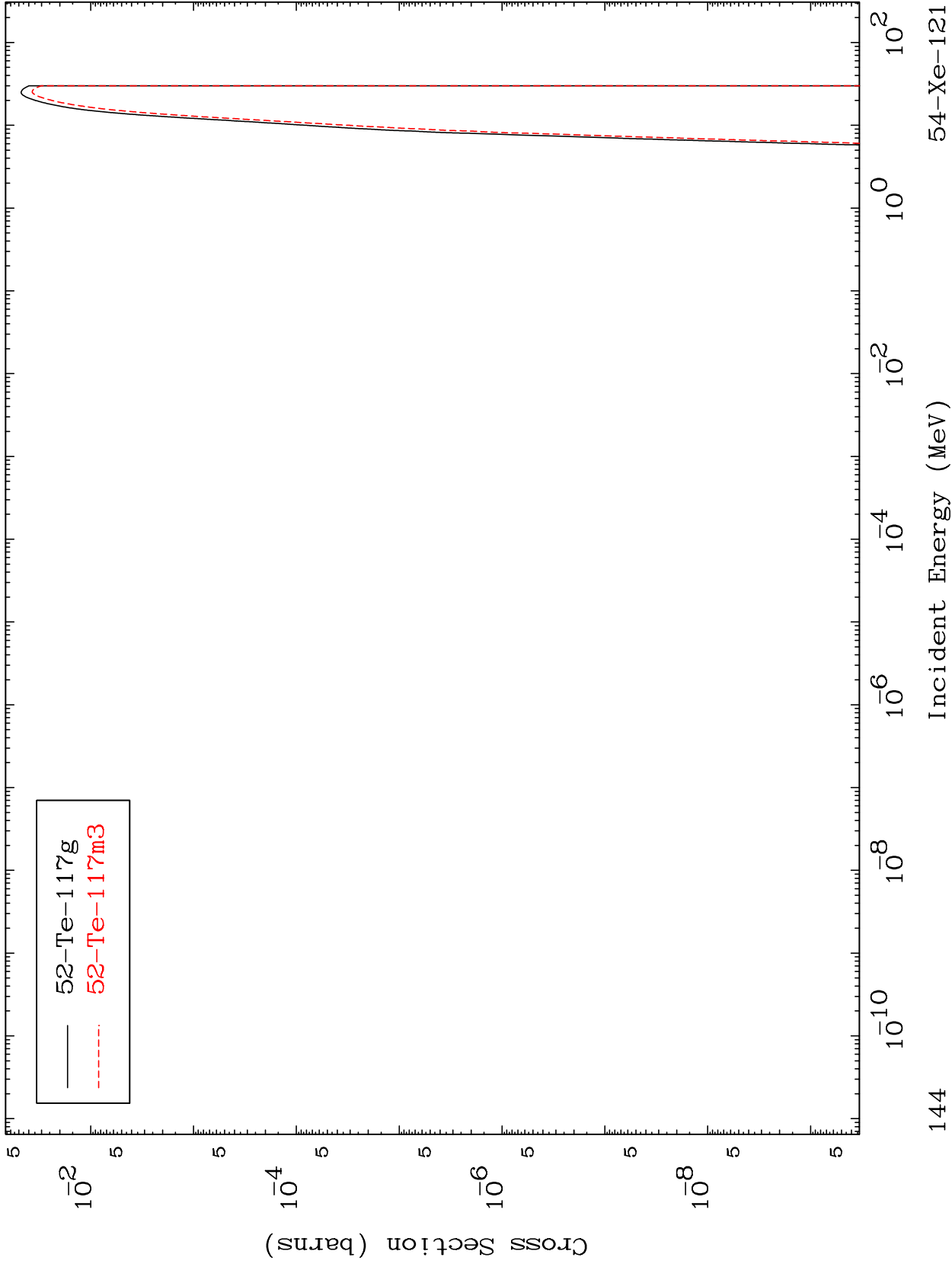
54-Xe-121

MAT 5416

$(n, n') \alpha$

54-Xe-121

Radionuclide Production Cross Section



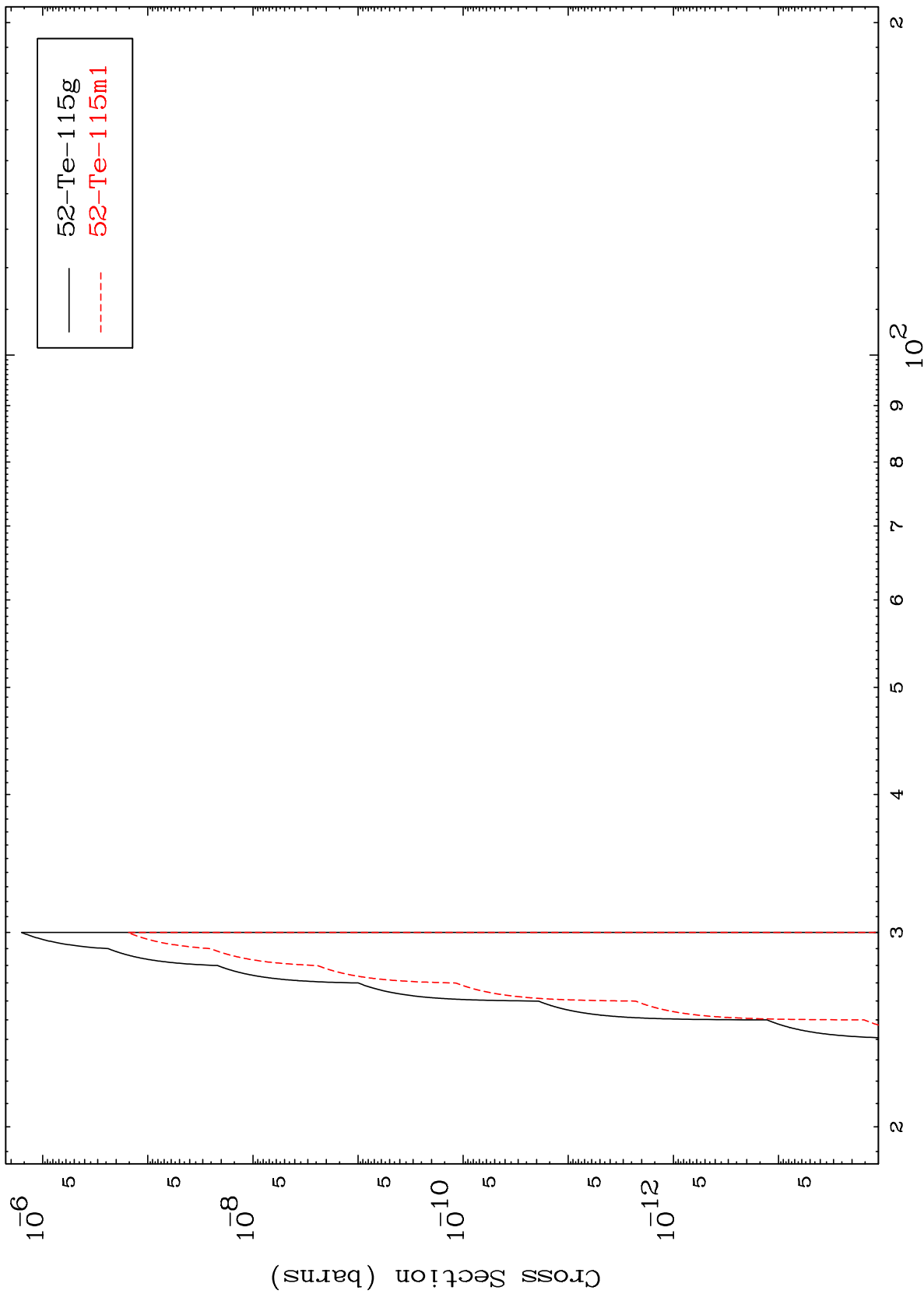
144

MAT 5416

(n,3n) α

54-Xe-121

Radionuclide Production Cross Section



145

Incident Energy (MeV)

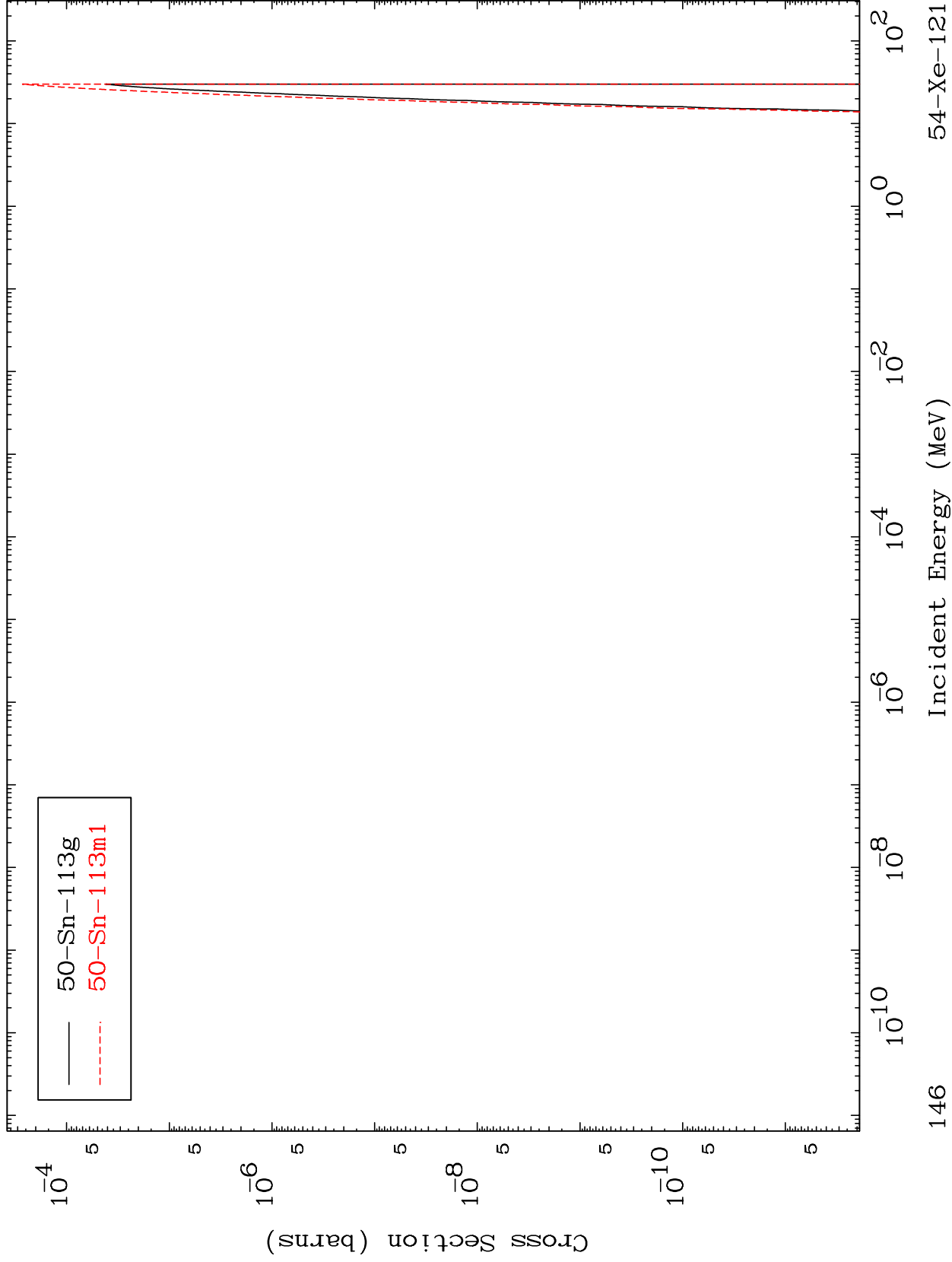
54-Xe-121

MAT 5416

(n,n') 2α

54-Xe-121

Radionuclide Production Cross Section



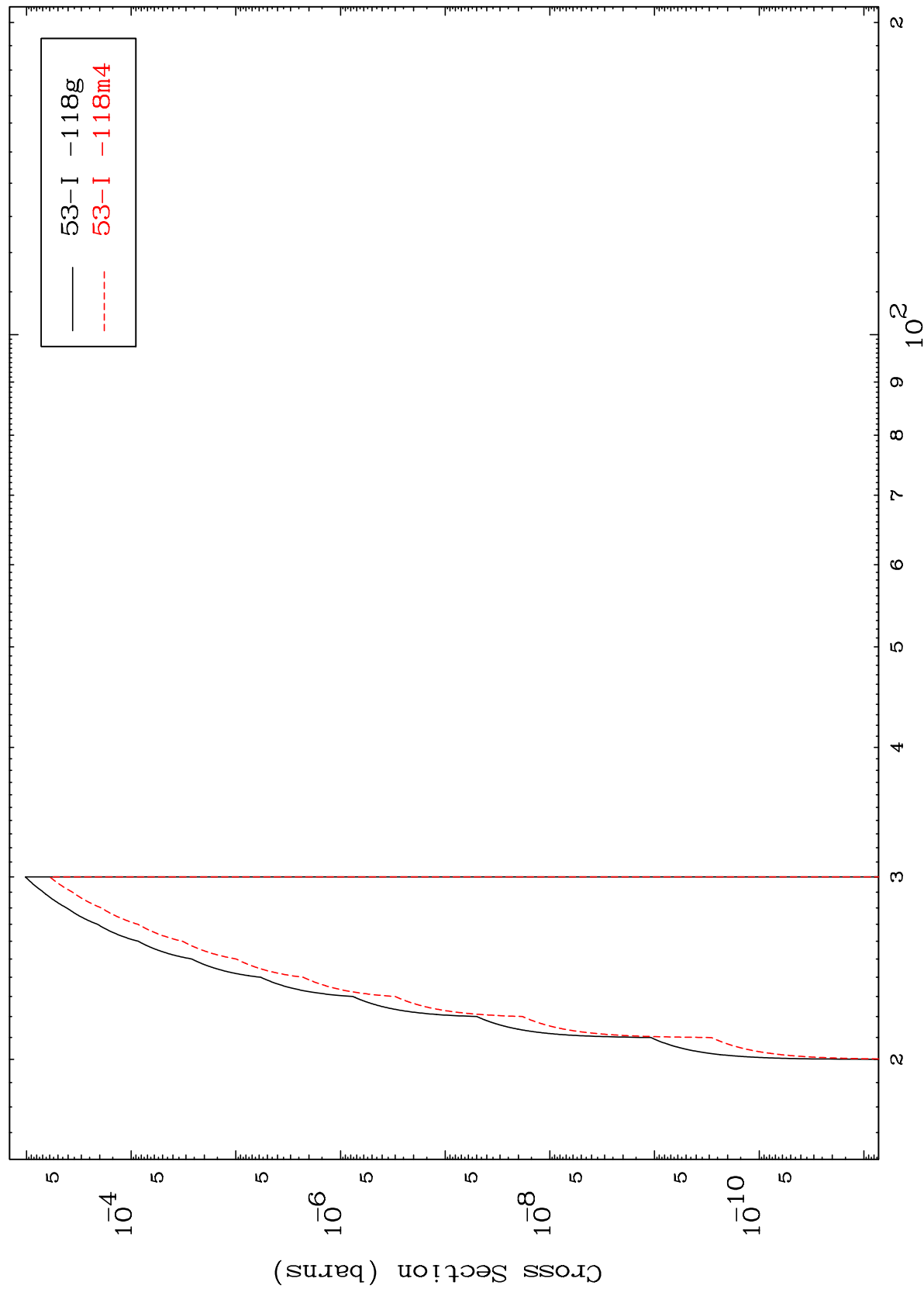
146

MAT 5416

(n,n') t

54-Xe-121

Radionuclide Production Cross Section



147

Incident Energy (MeV)

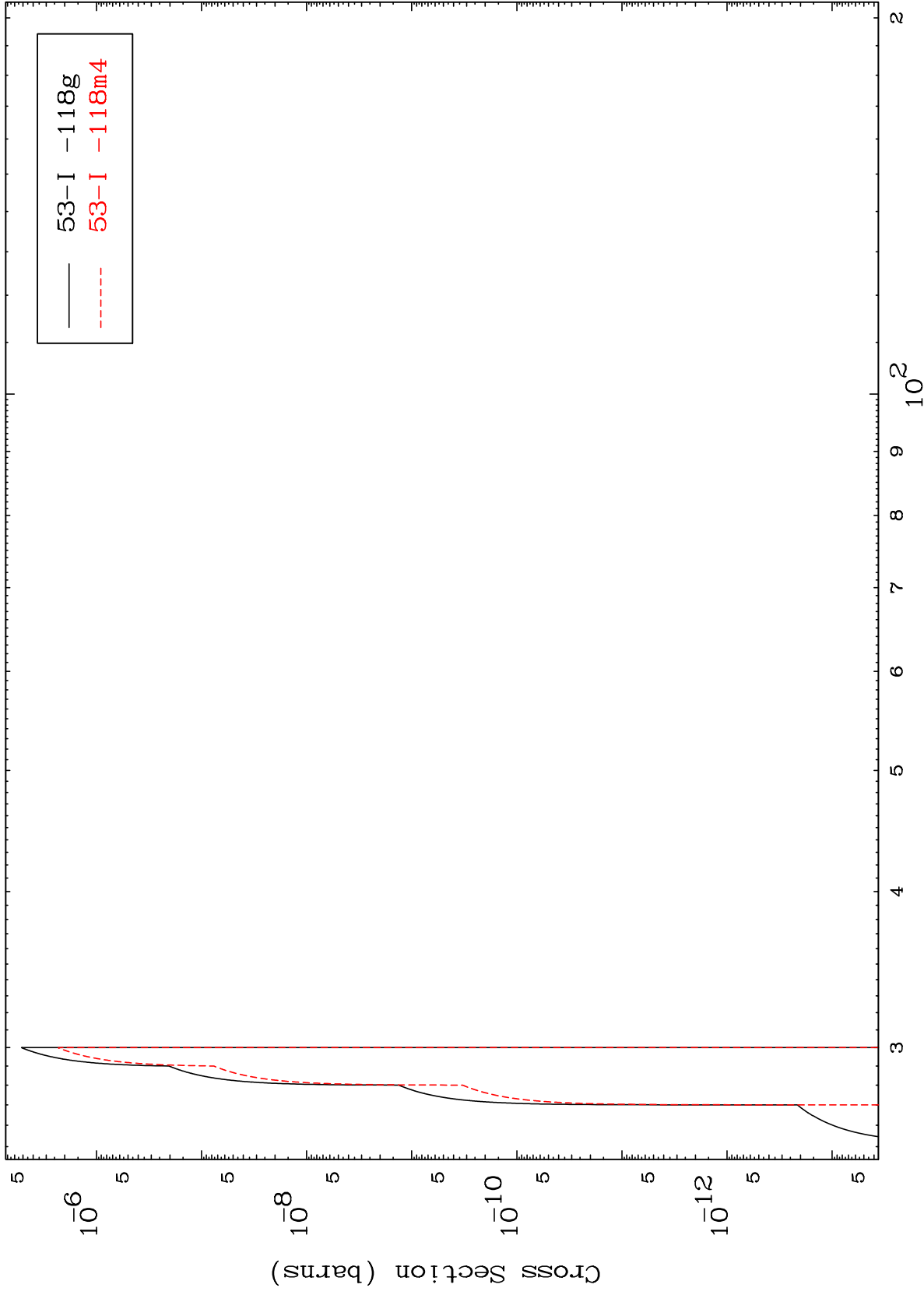
54-Xe-121

MAT 5416

(n,3n) p

54-Xe-121

Radionuclide Production Cross Section



148

Incident Energy (MeV)

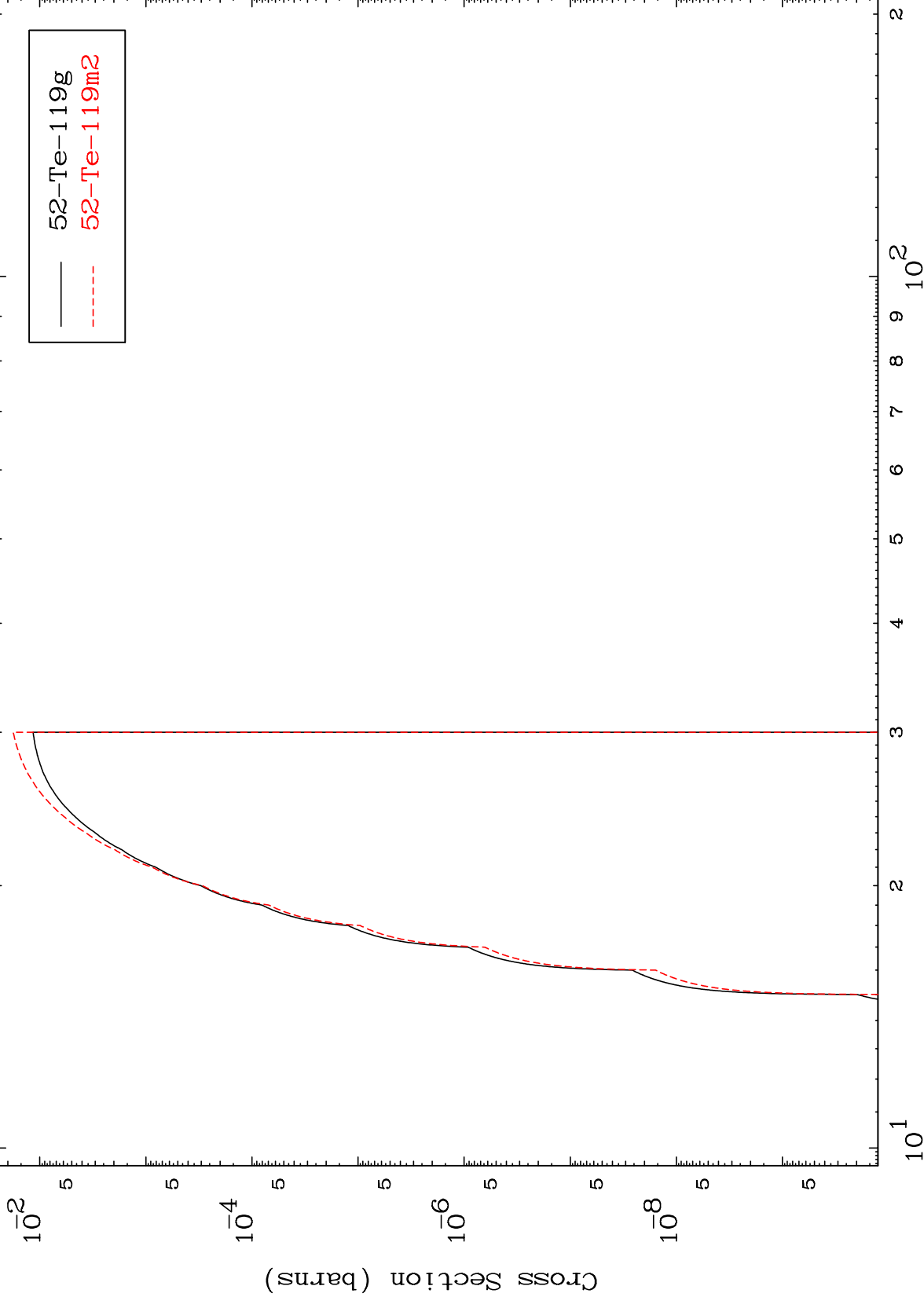
54-Xe-121

MAT 5416

(n,2n) p

54-Xe-121

Radionuclide Production Cross Section



52-Te-119g
52-Te-119m2

149

Incident Energy (MeV)

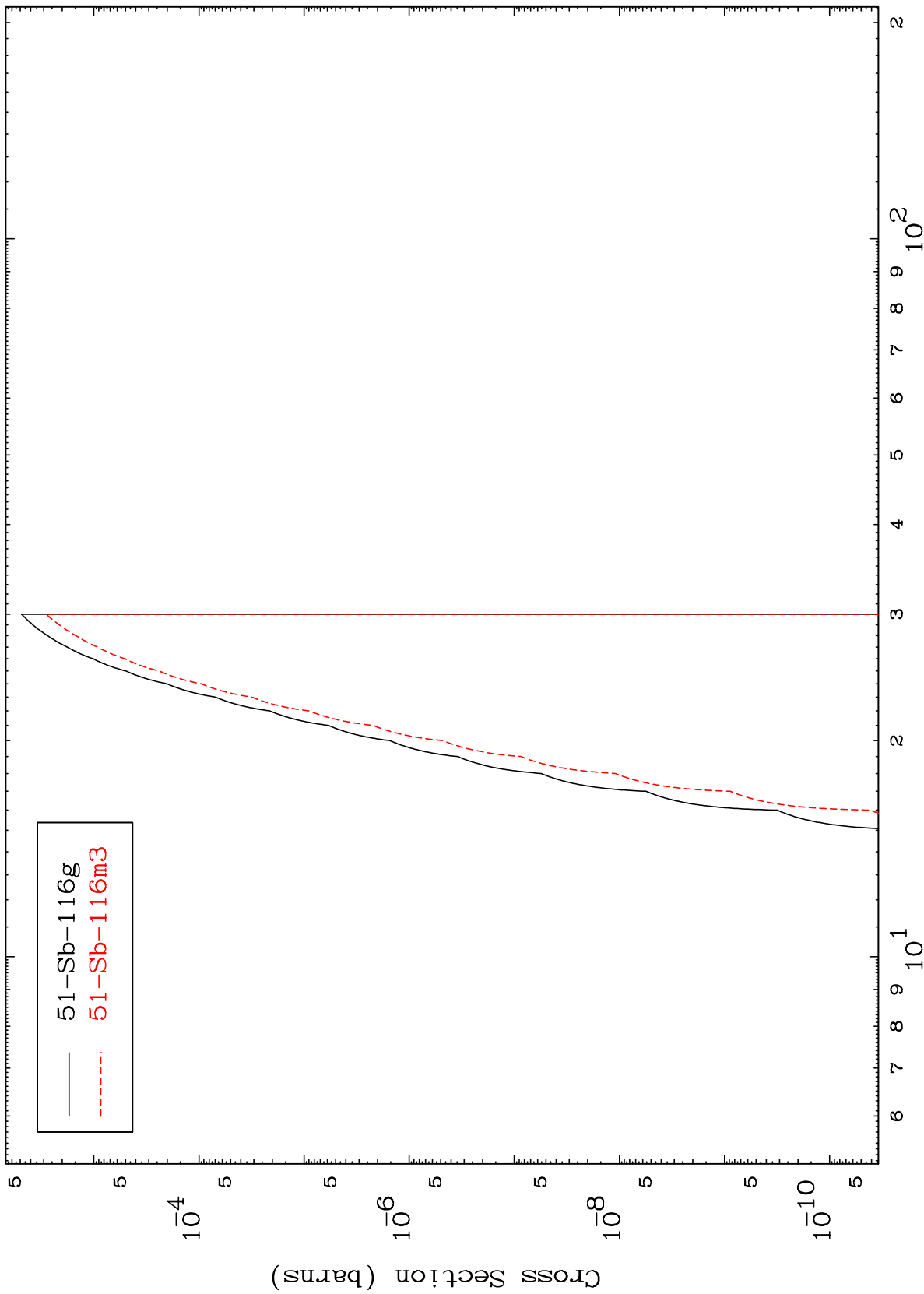
54-Xe-121

MAT 5416

(n,n') p α

54-Xe-121

Radionuclide Production Cross Section



150

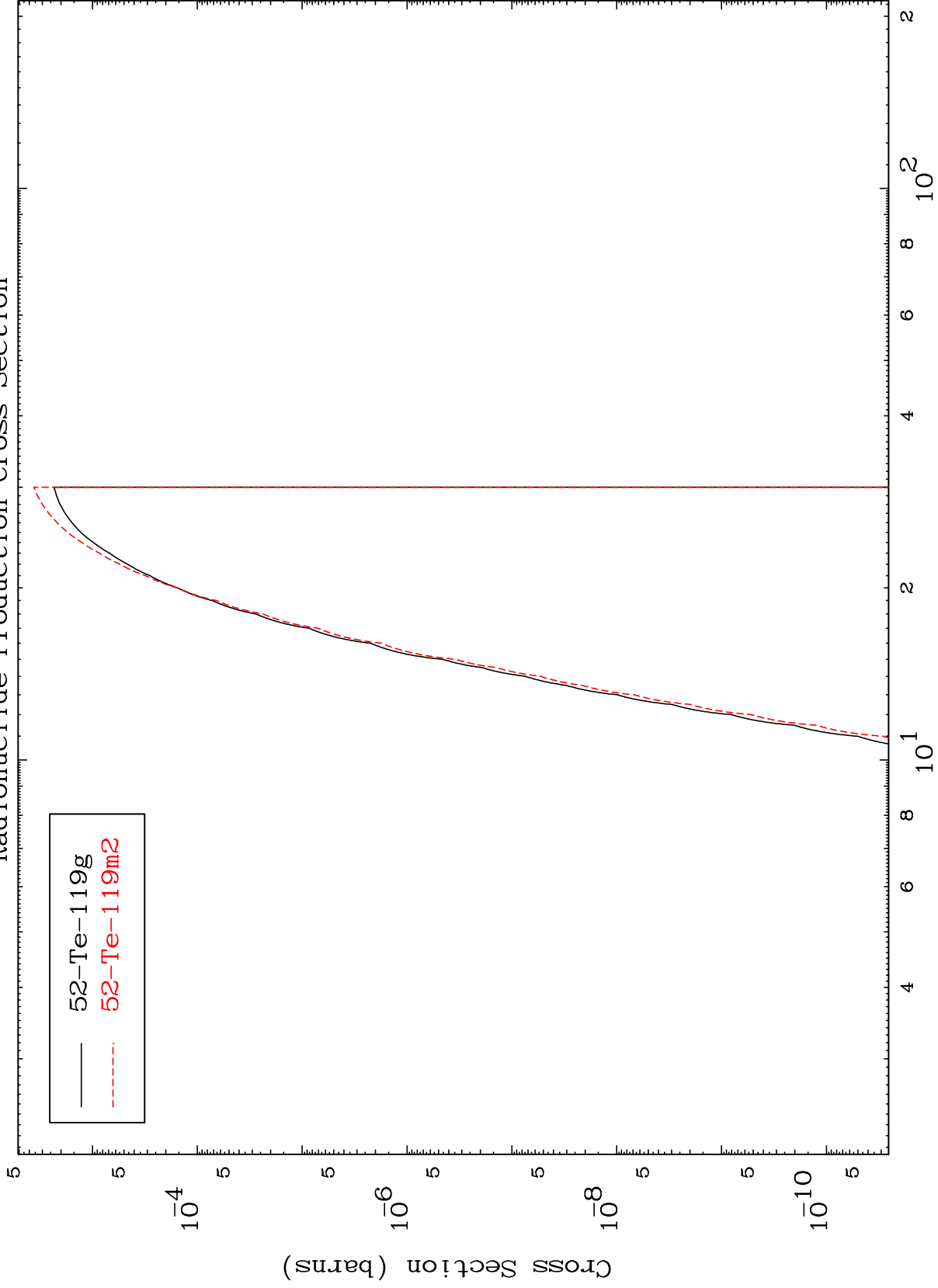
Incident Energy (MeV)

54-Xe-121

MAT 5416

54-Xe-121

(n,He-3)
Radionuclide Production Cross Section



151

54-Xe-121

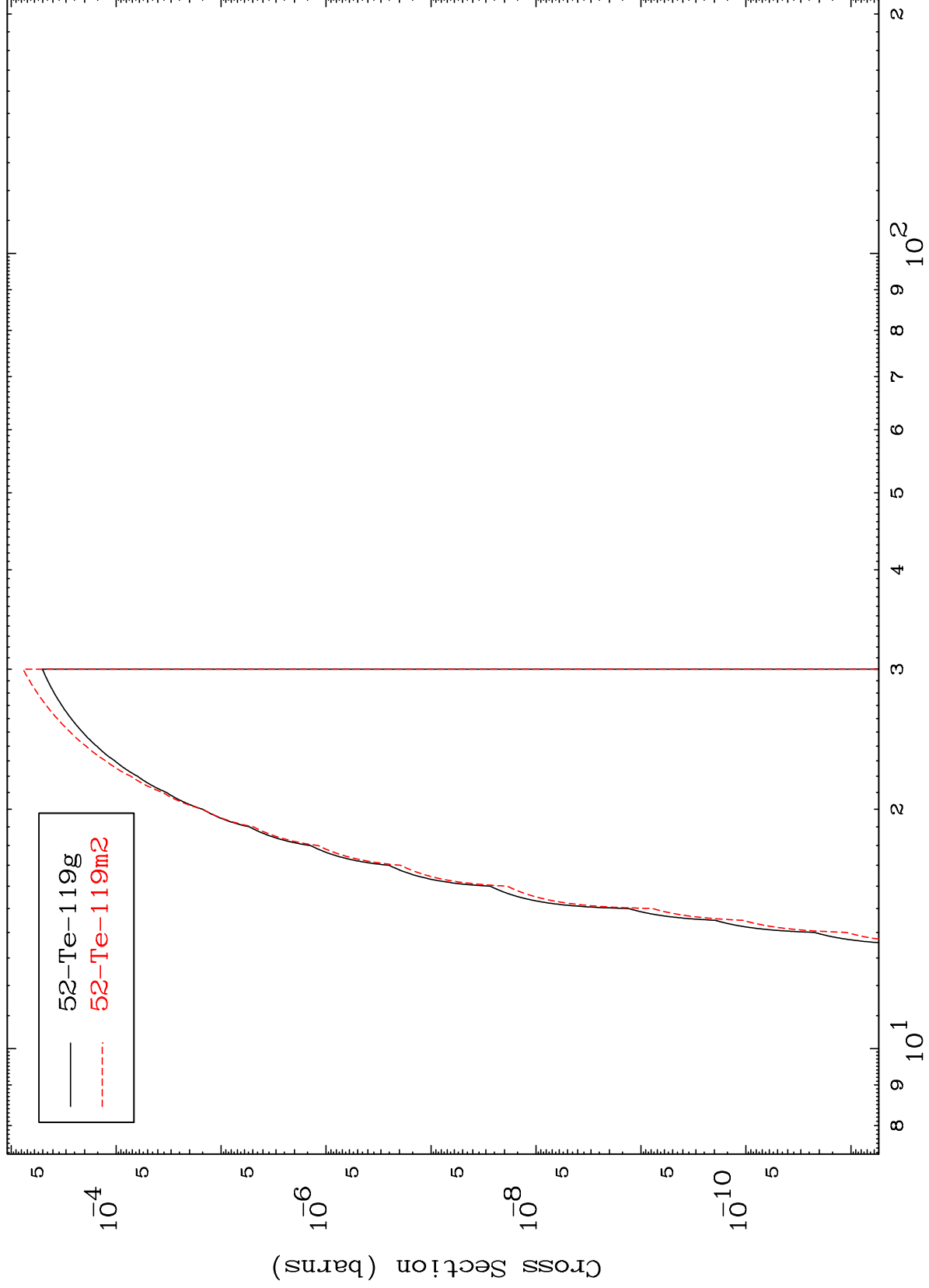
Incident Energy (MeV)

MAT 5416

(n,p) d

54-Xe-121

Radionuclide Production Cross Section



152

Incident Energy (MeV)

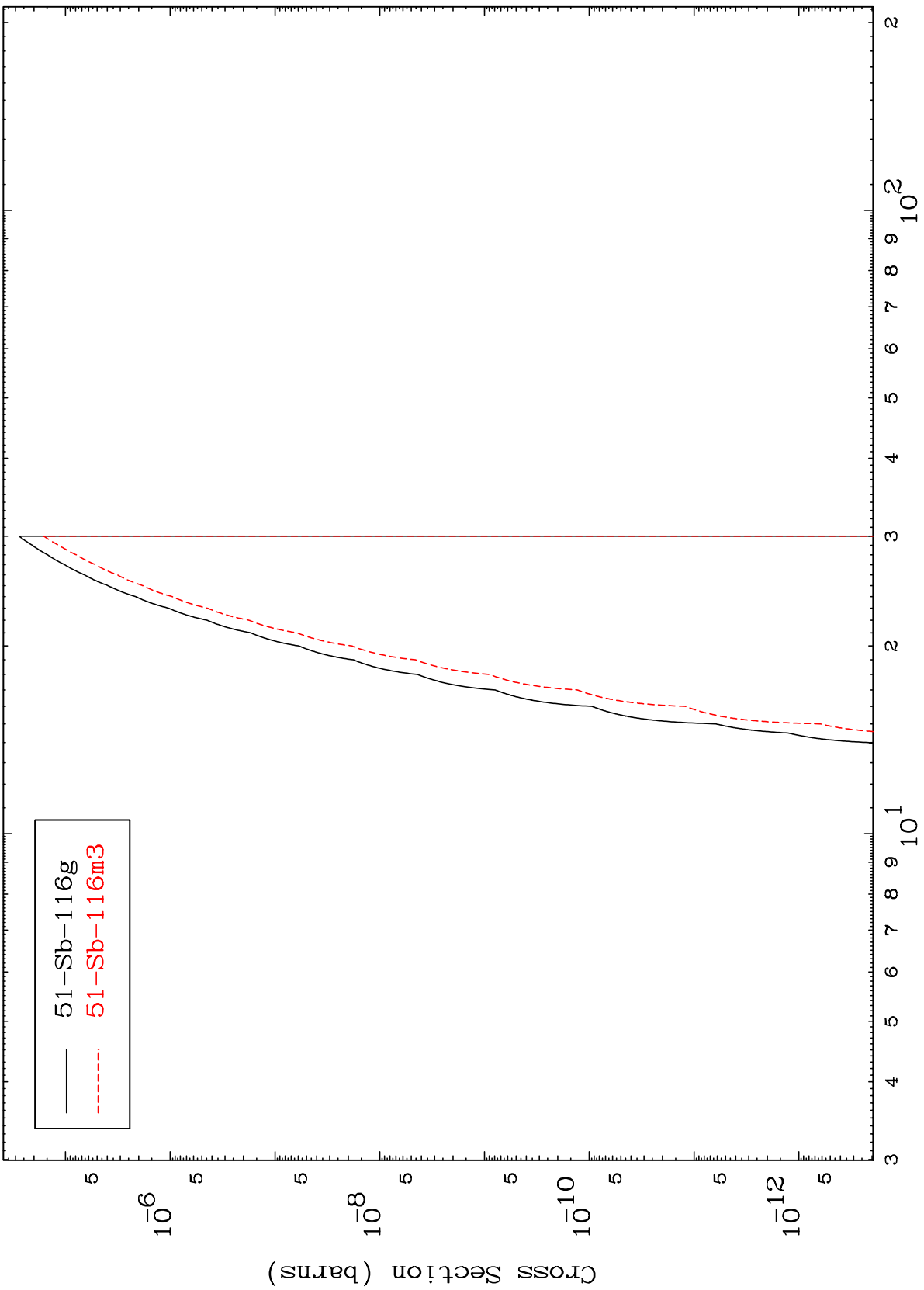
54-Xe-121

MAT 5416

(n,d) α

54-Xe-121

Radionuclide Production Cross Section



51-Sb-116g
51-Sb-116m3

153

Incident Energy (MeV)

54-Xe-121