

Program EVALPLOT
(Version 2018-1)

by

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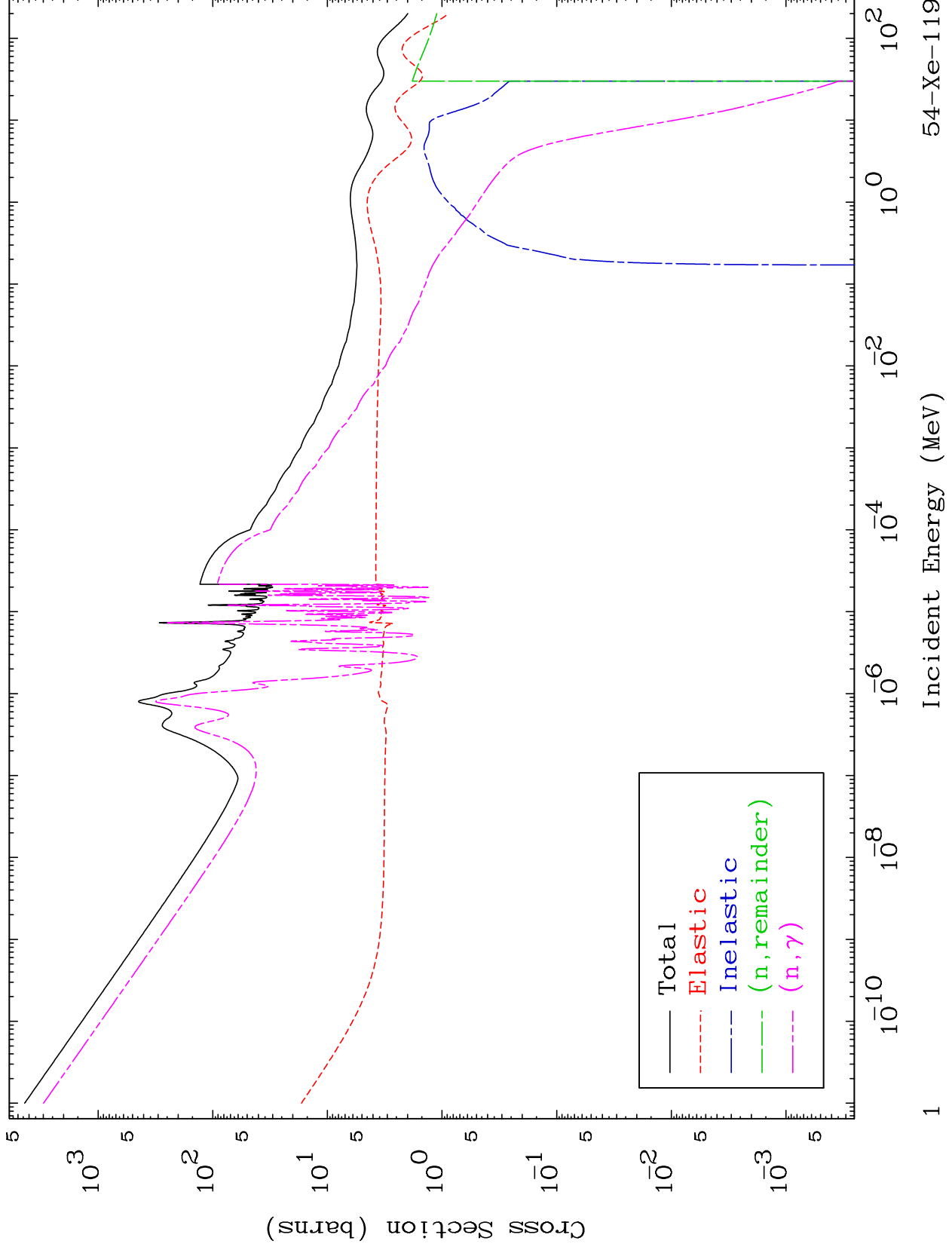
Press Mouse Button to Start

MAT 5410

Major

293 Kelvin Cross Sections

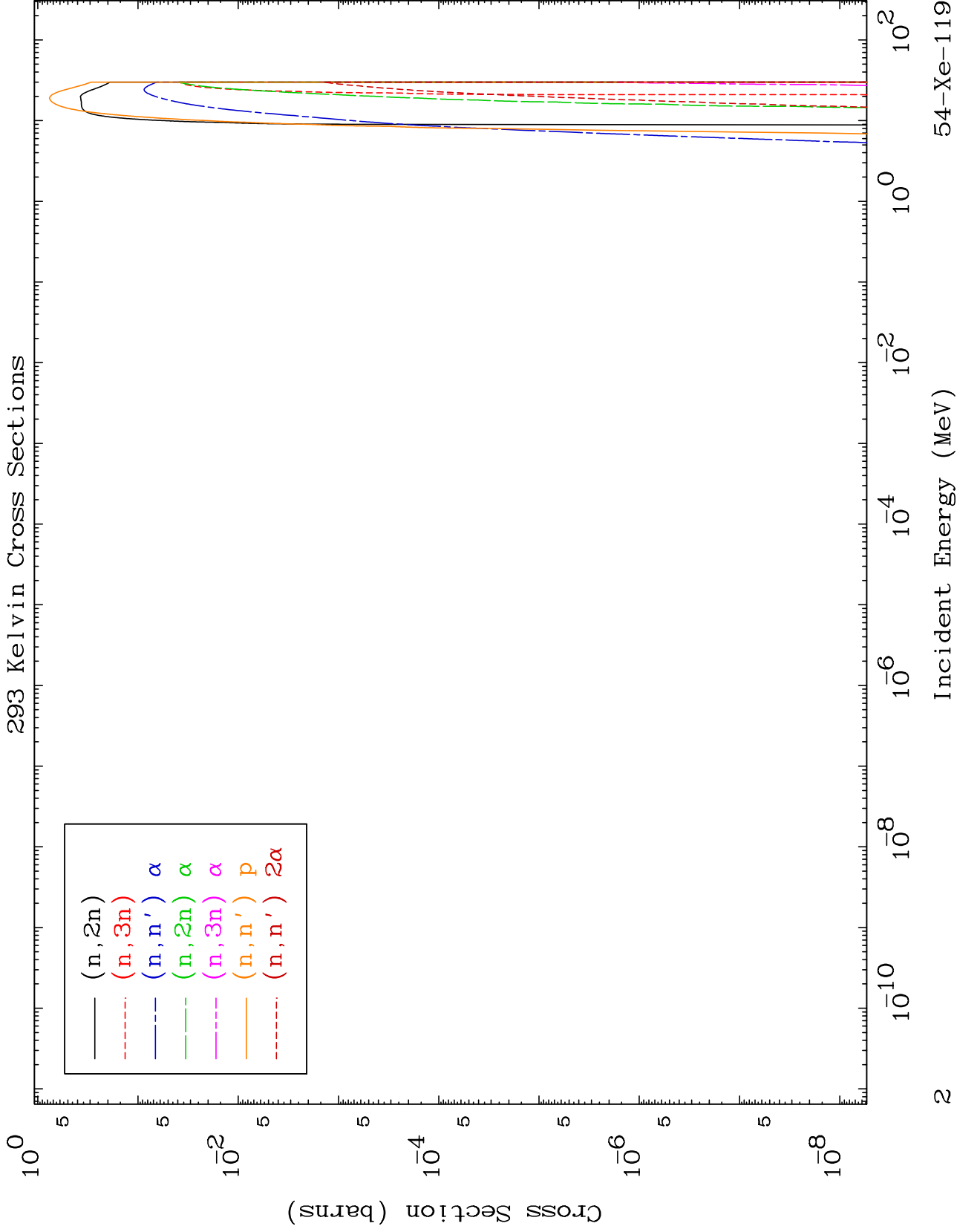
54-Xe-119

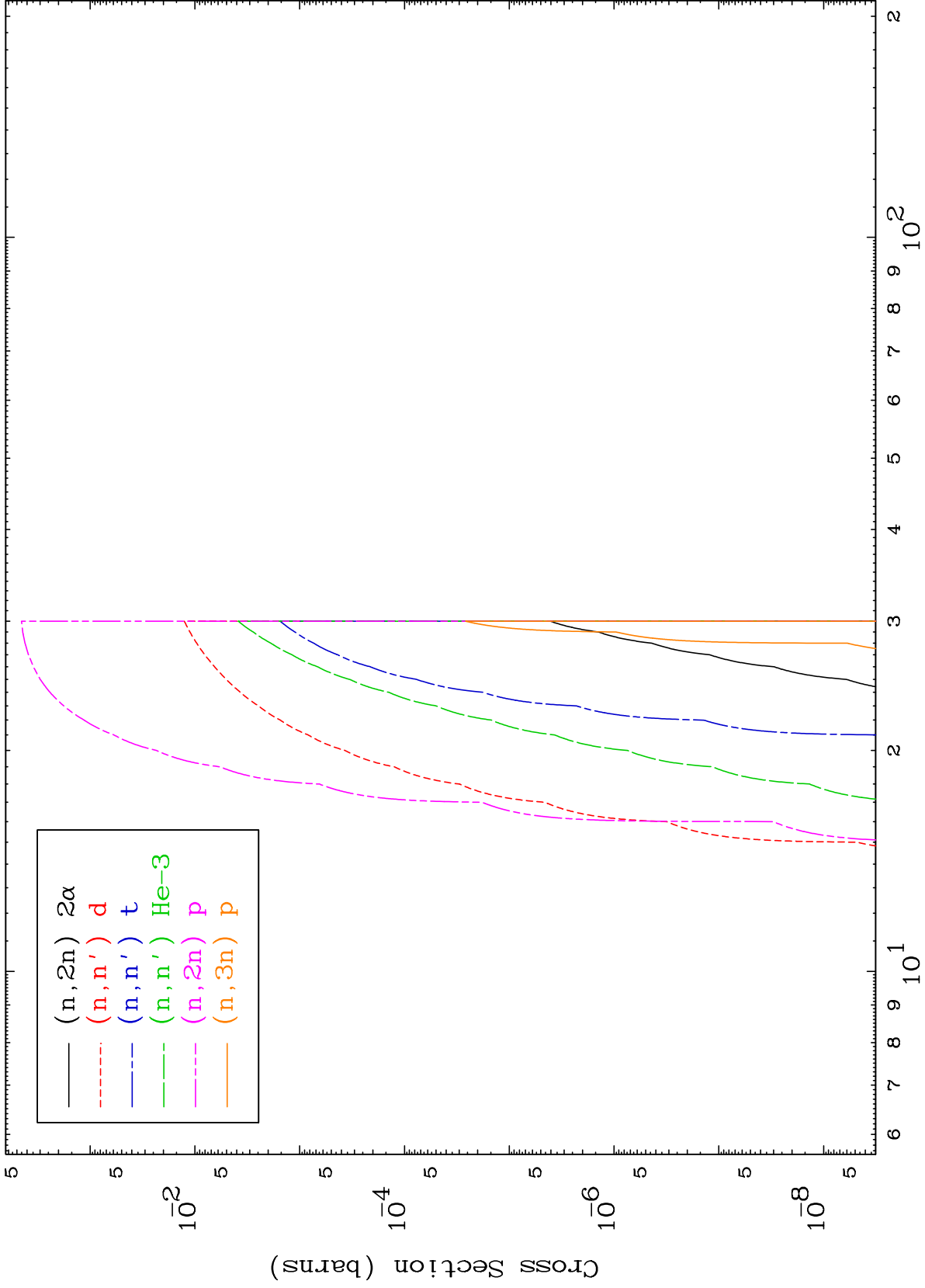


MAT 5410

Neutron Production
293 Kelvin Cross Sections

54-Xe-119

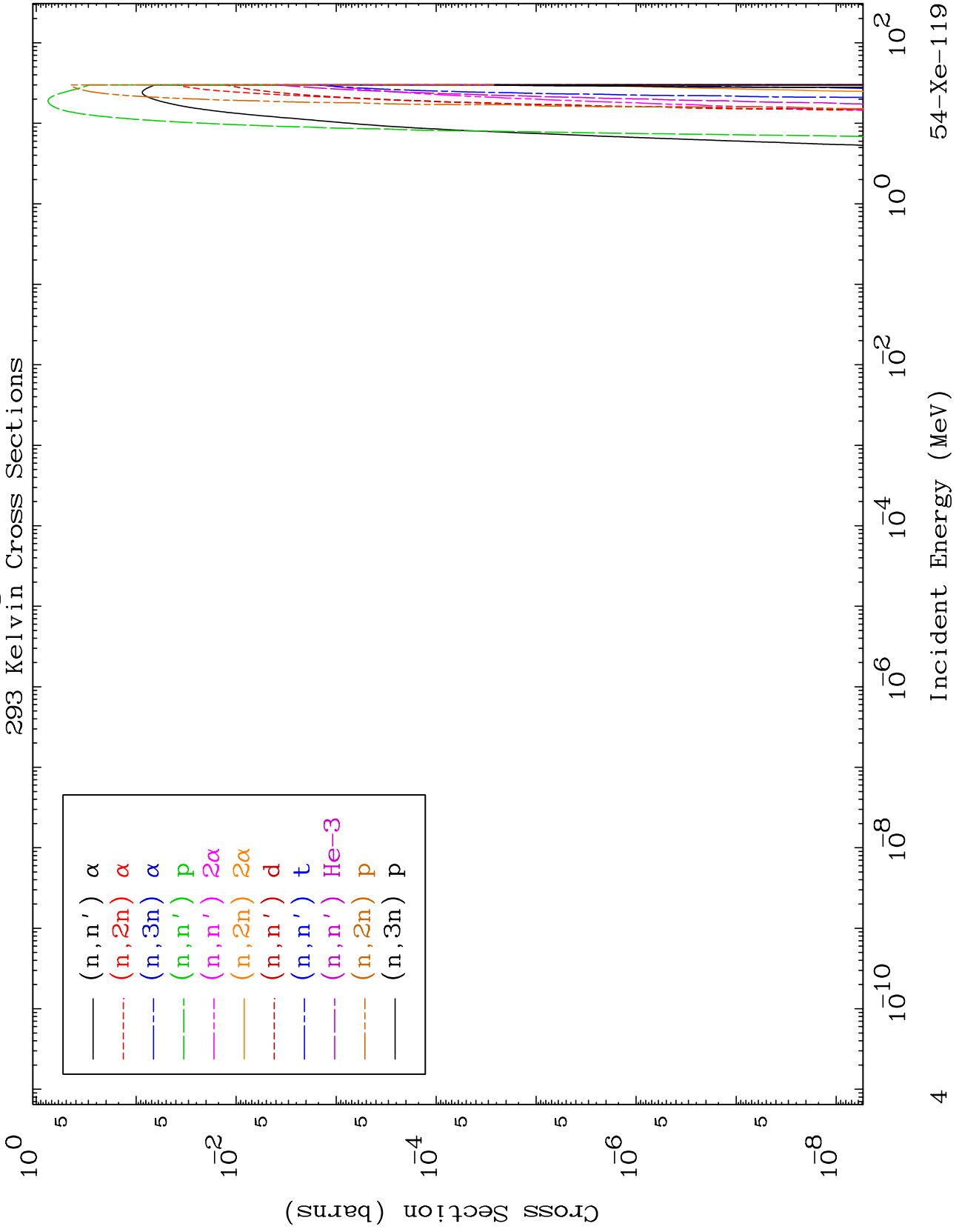


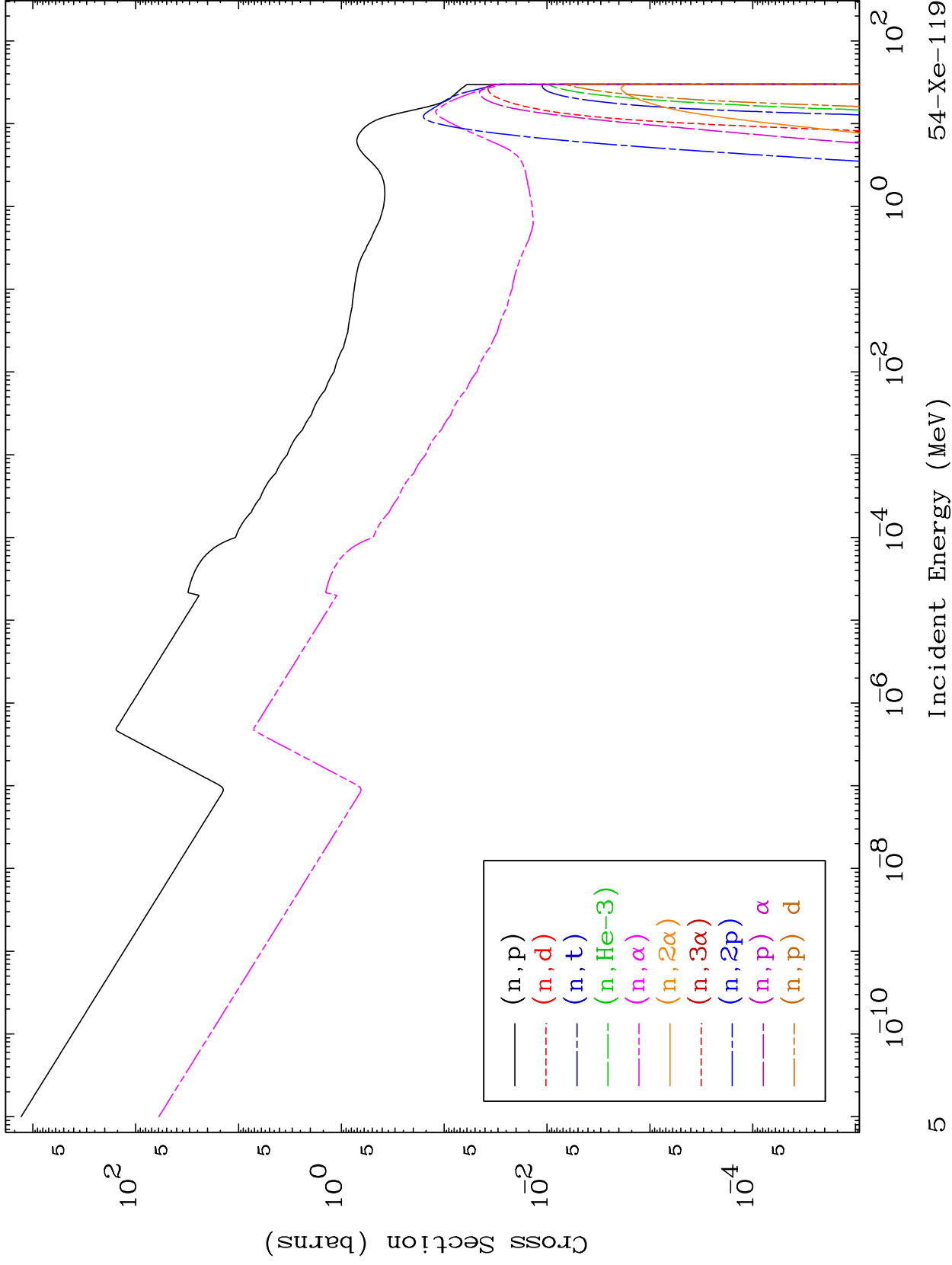


MAT 5410

Charged Particle
293 Kelvin Cross Sections

54-Xe-119

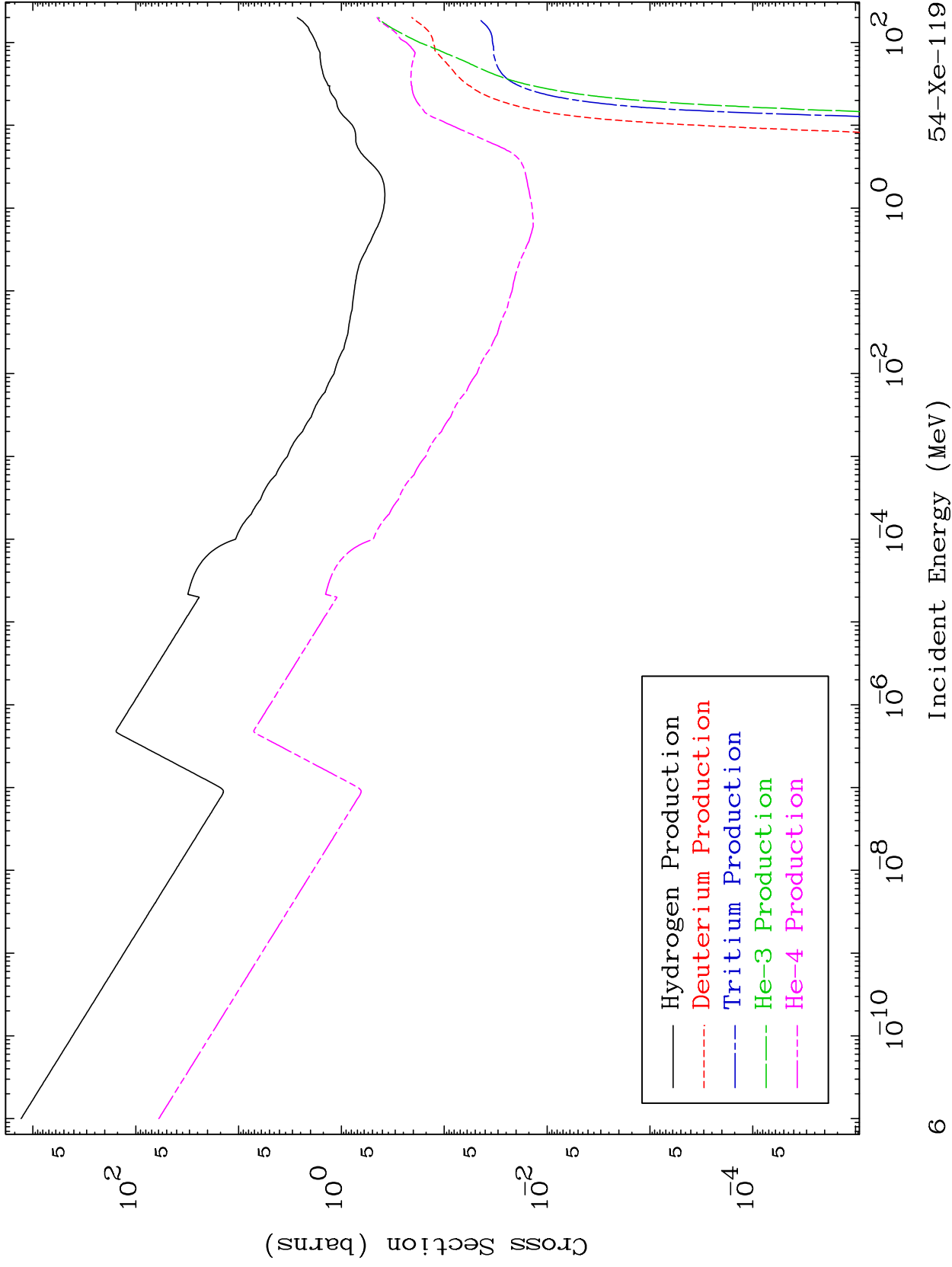




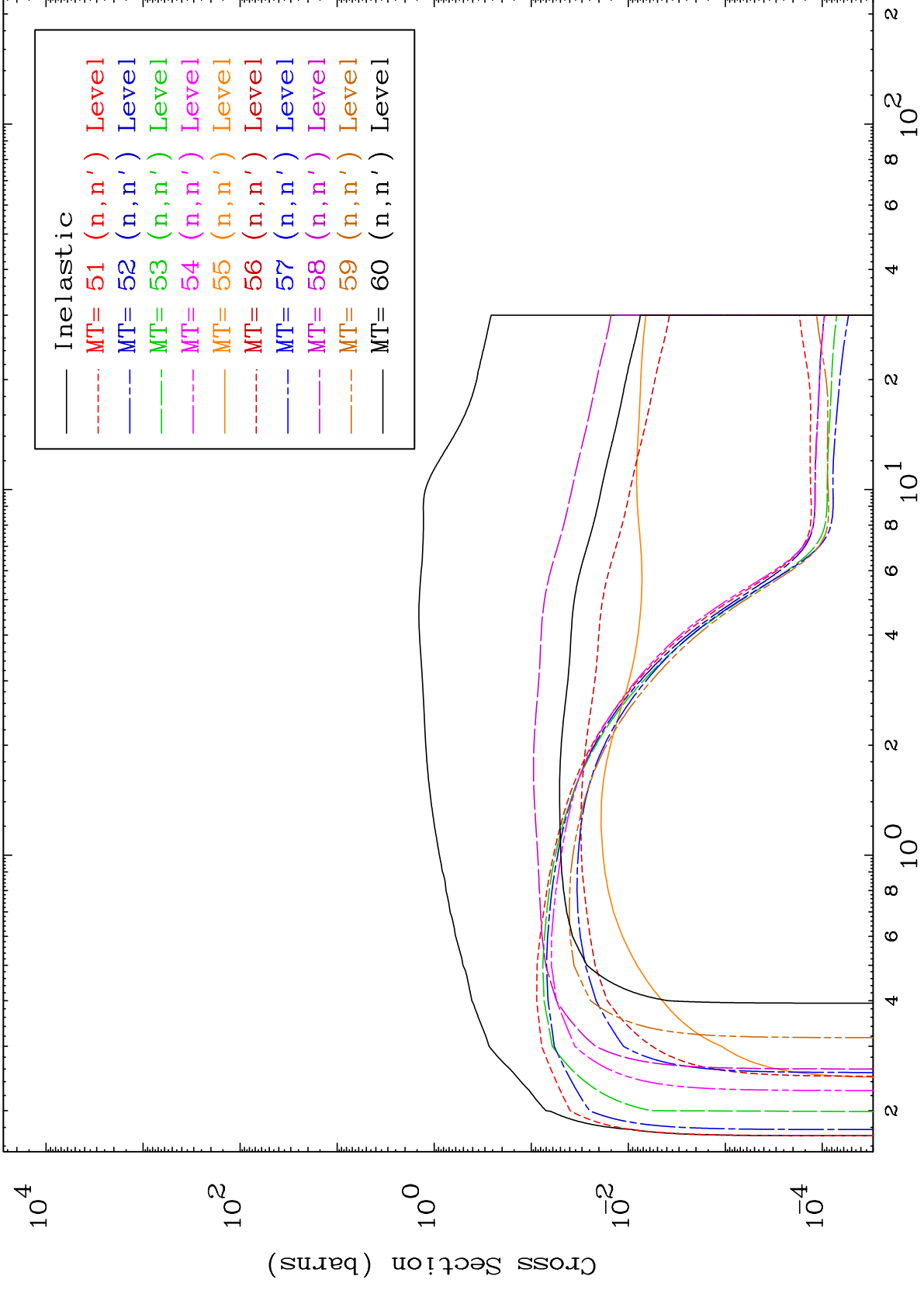
MAT 5410

Particle Production
293 Kelvin Cross Sections

54-Xe-119



293 Kelvin Cross Sections

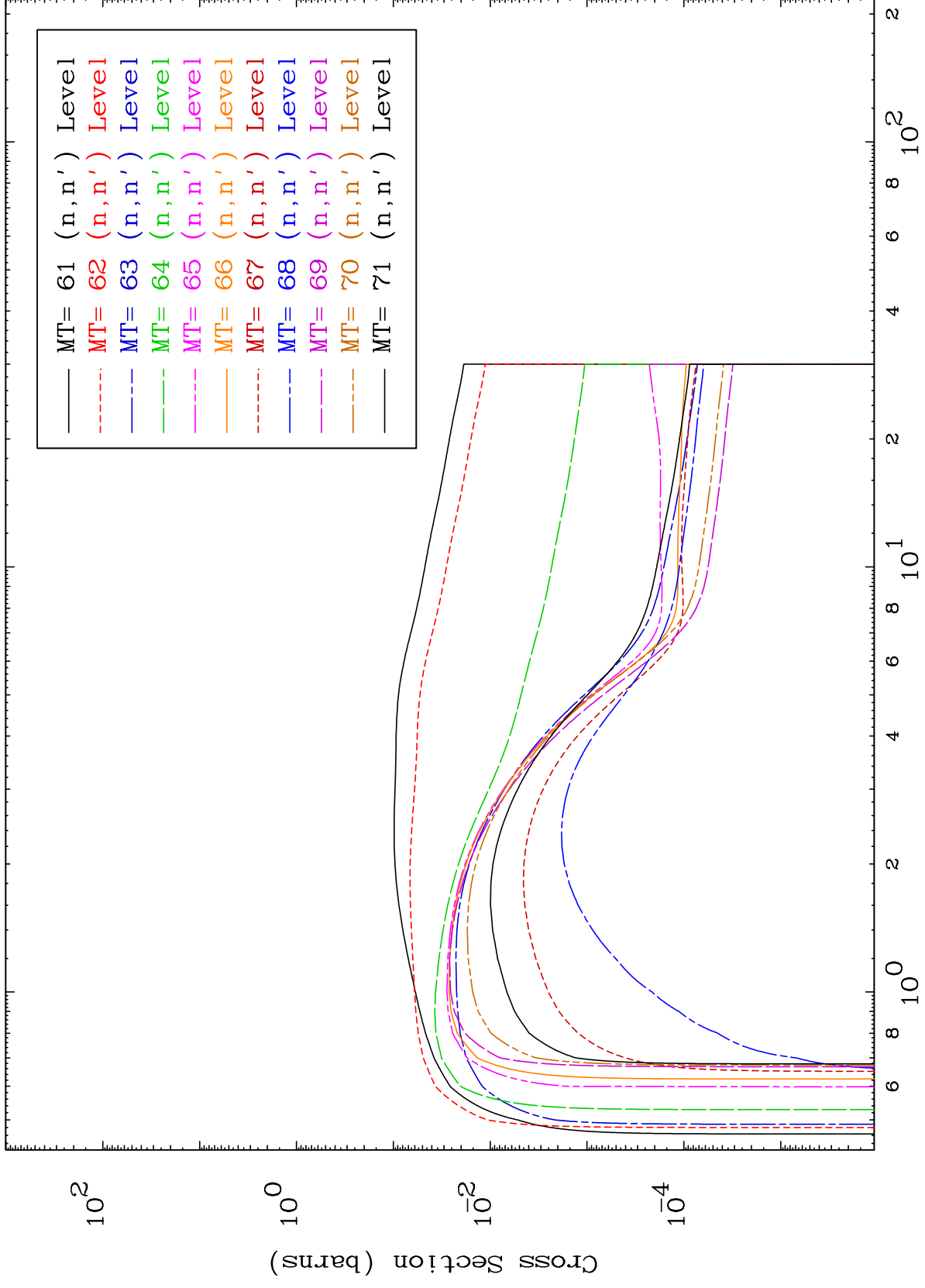


MAT 5410

(n,n') Level

293 Kelvin Cross Sections

54-Xe-119

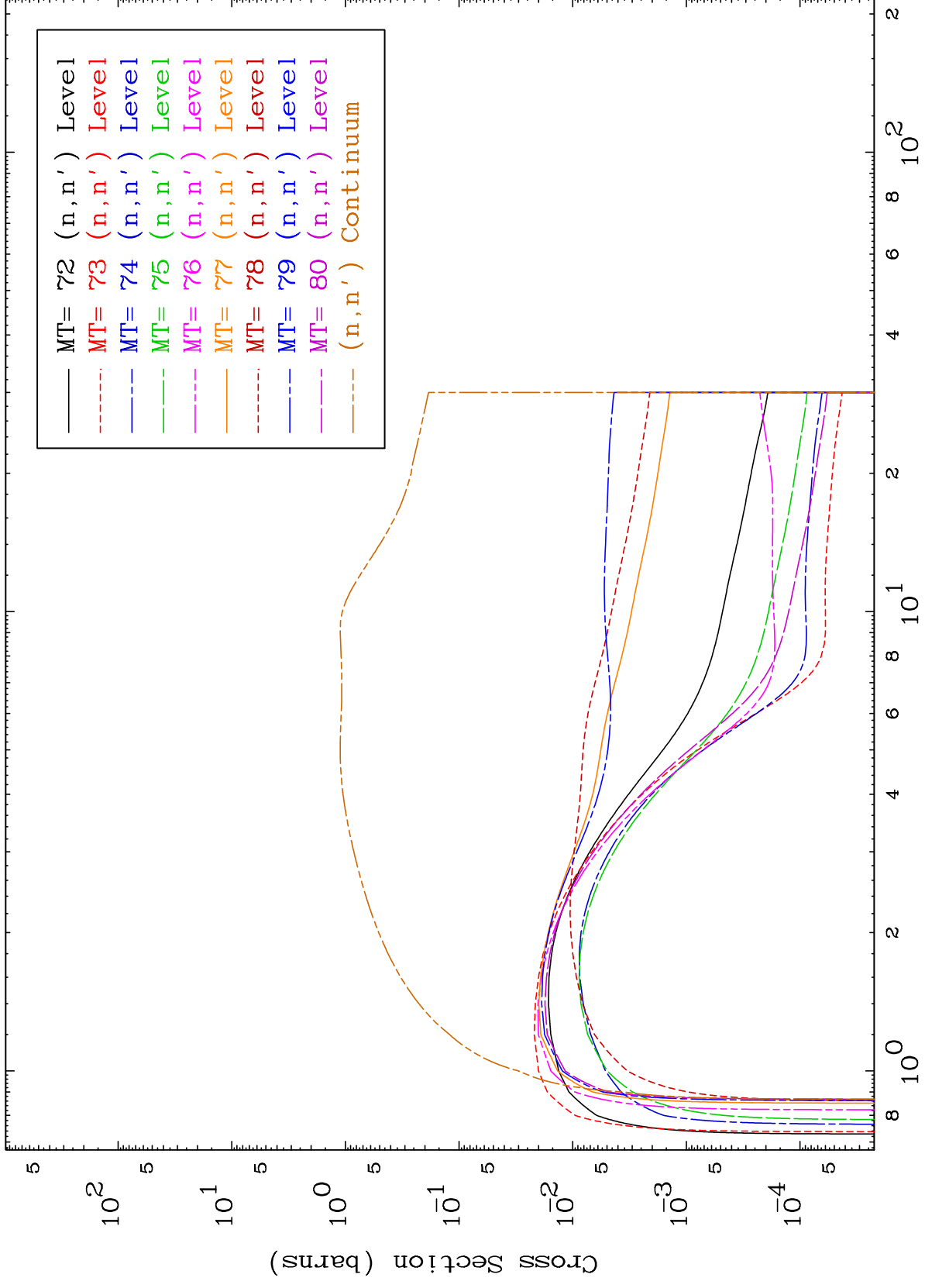


8

Incident Energy (MeV)

54-Xe-119

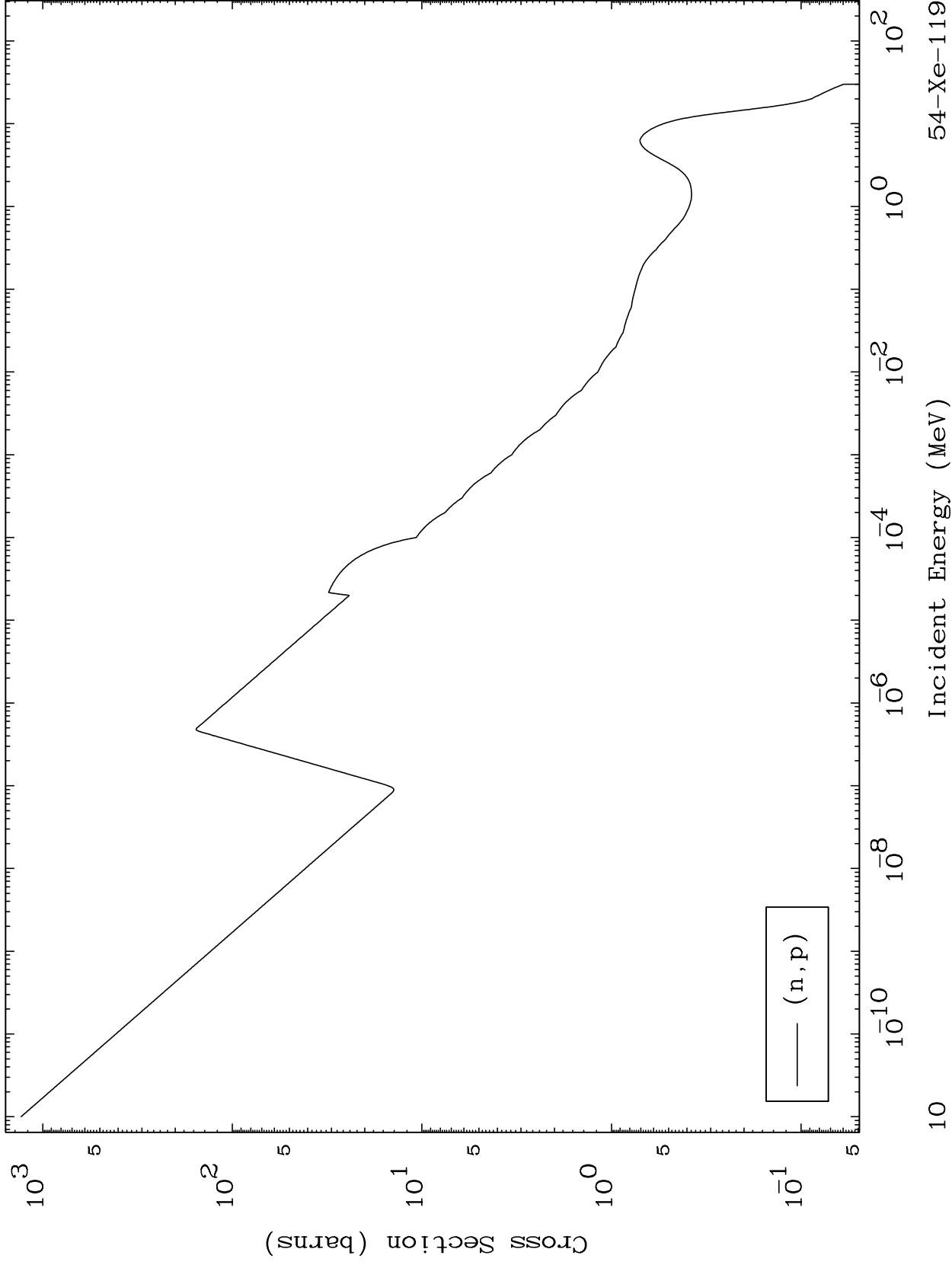
293 Kelvin Cross Sections



MAT 5410

(n,p) Levels
293 Kelvin Cross Sections

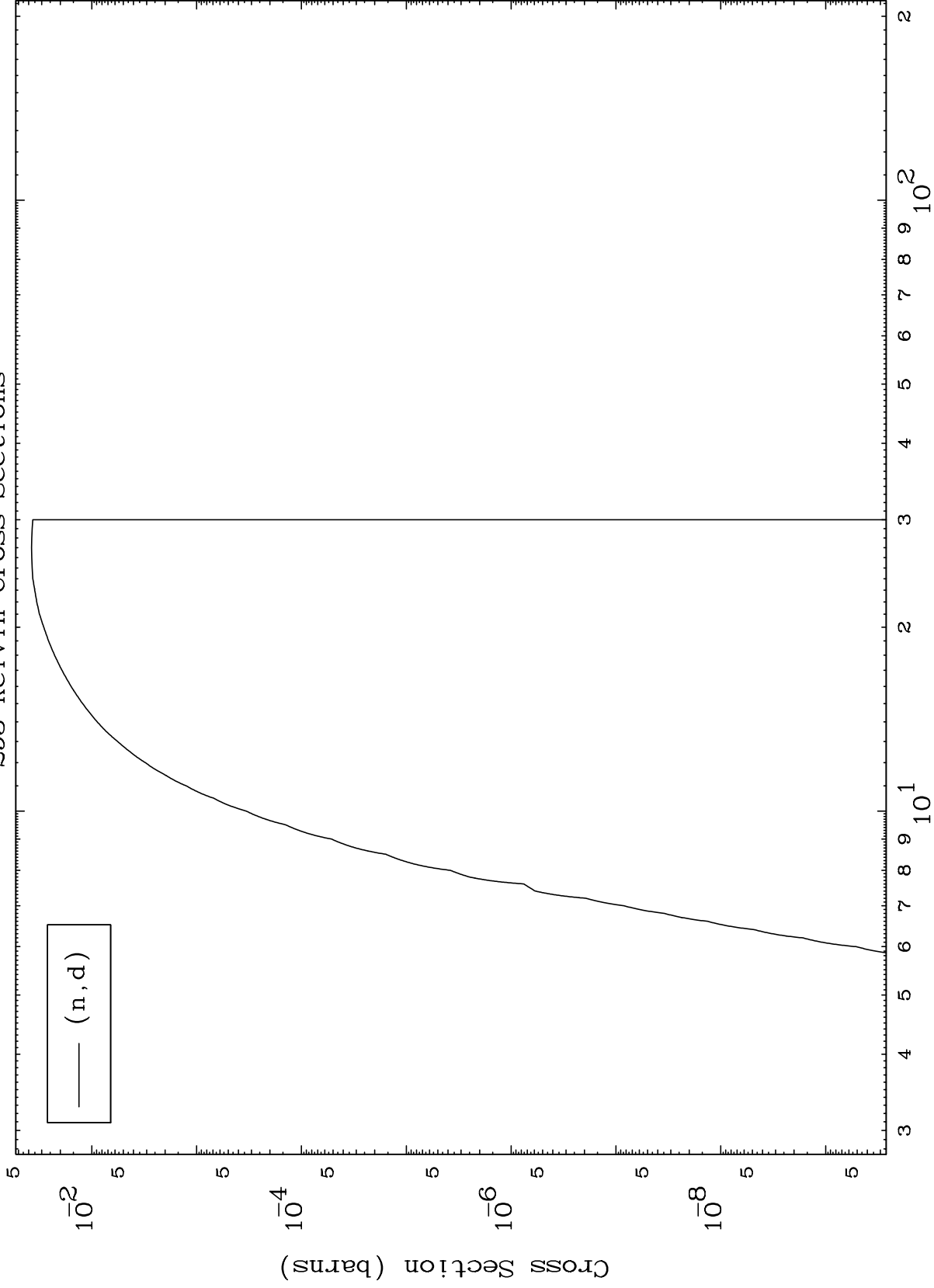
54-Xe-119



MAT 5410

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-119



11

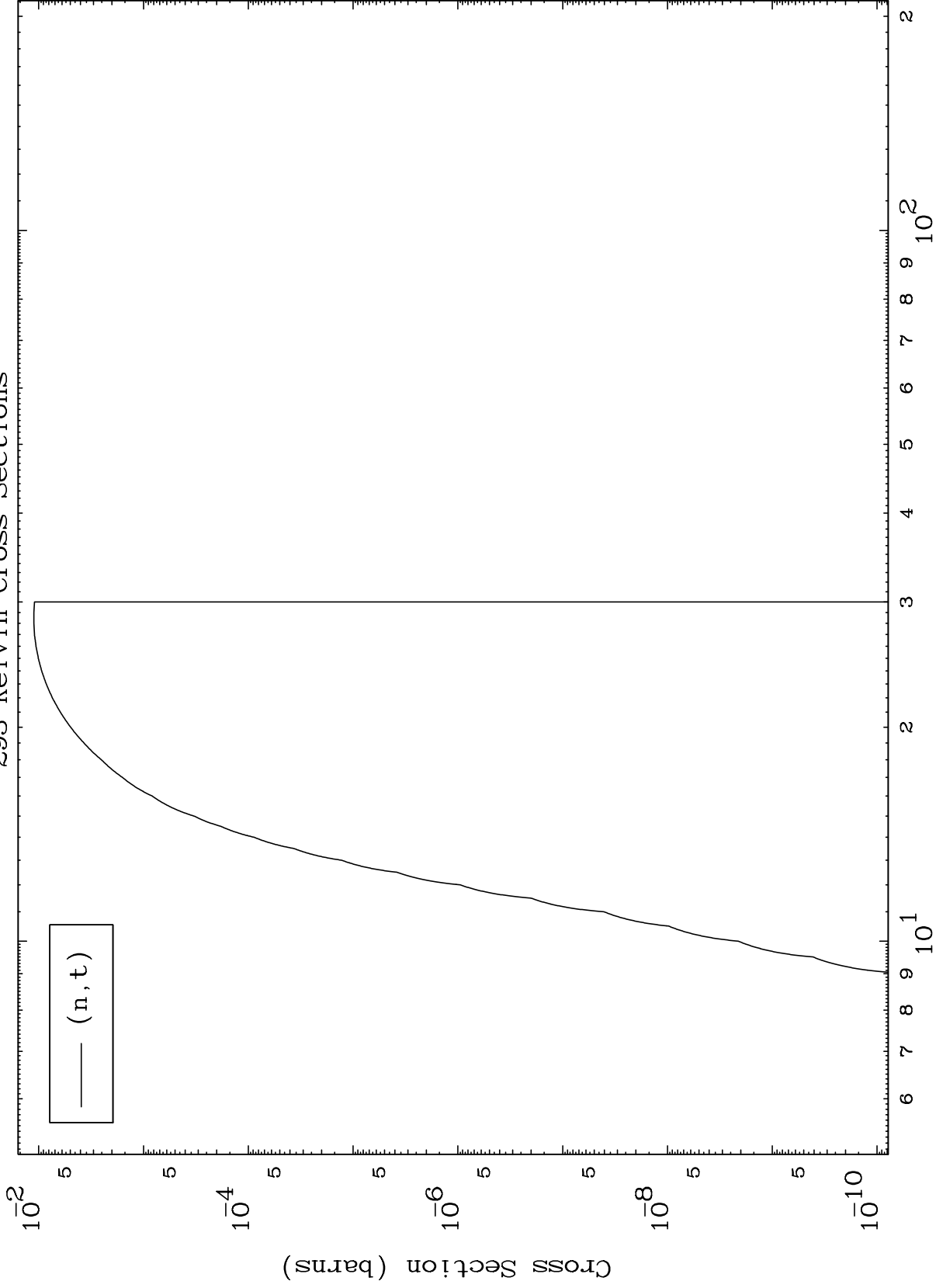
Incident Energy (MeV)

54-Xe-119

MAT 5410

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-119



12

Incident Energy (MeV)

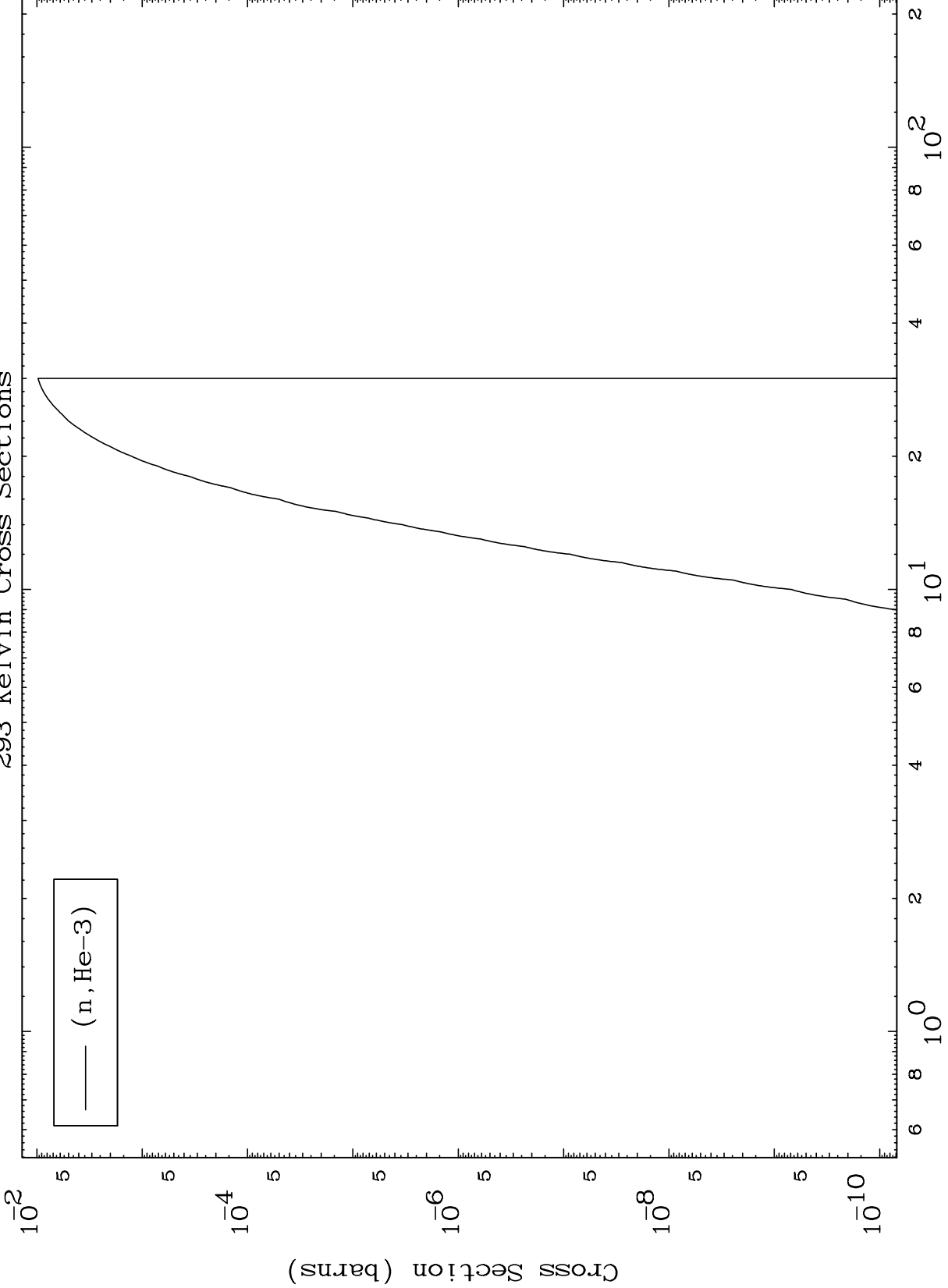
54-Xe-119

MAT 5410

(n,He3) Levels

54-Xe-119

293 Kelvin Cross Sections



13

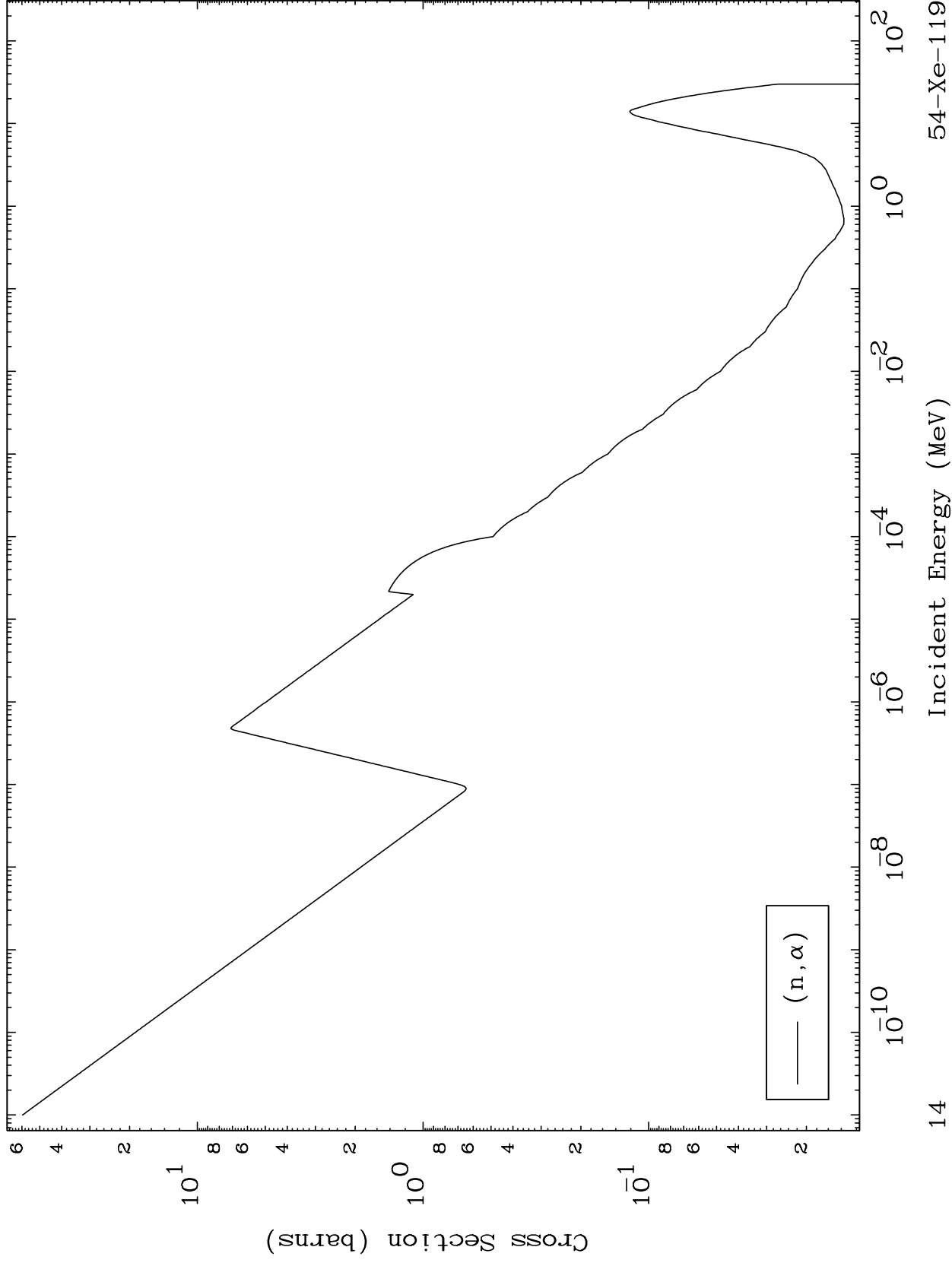
Incident Energy (MeV)

54-Xe-119

MAT 5410

(n,α) Levels
293 Kelvin Cross Sections

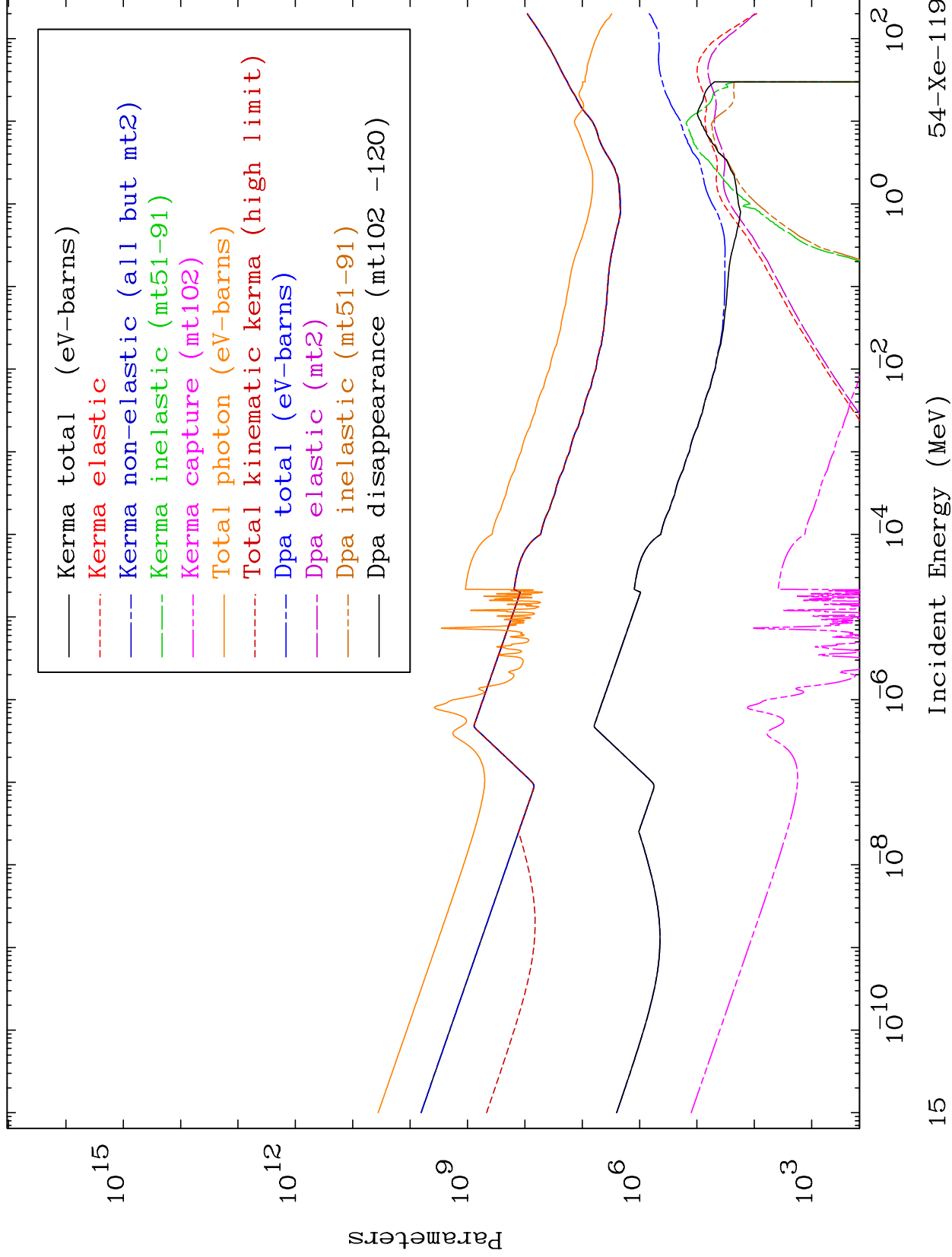
54-Xe-119



14

Incident Energy (MeV)

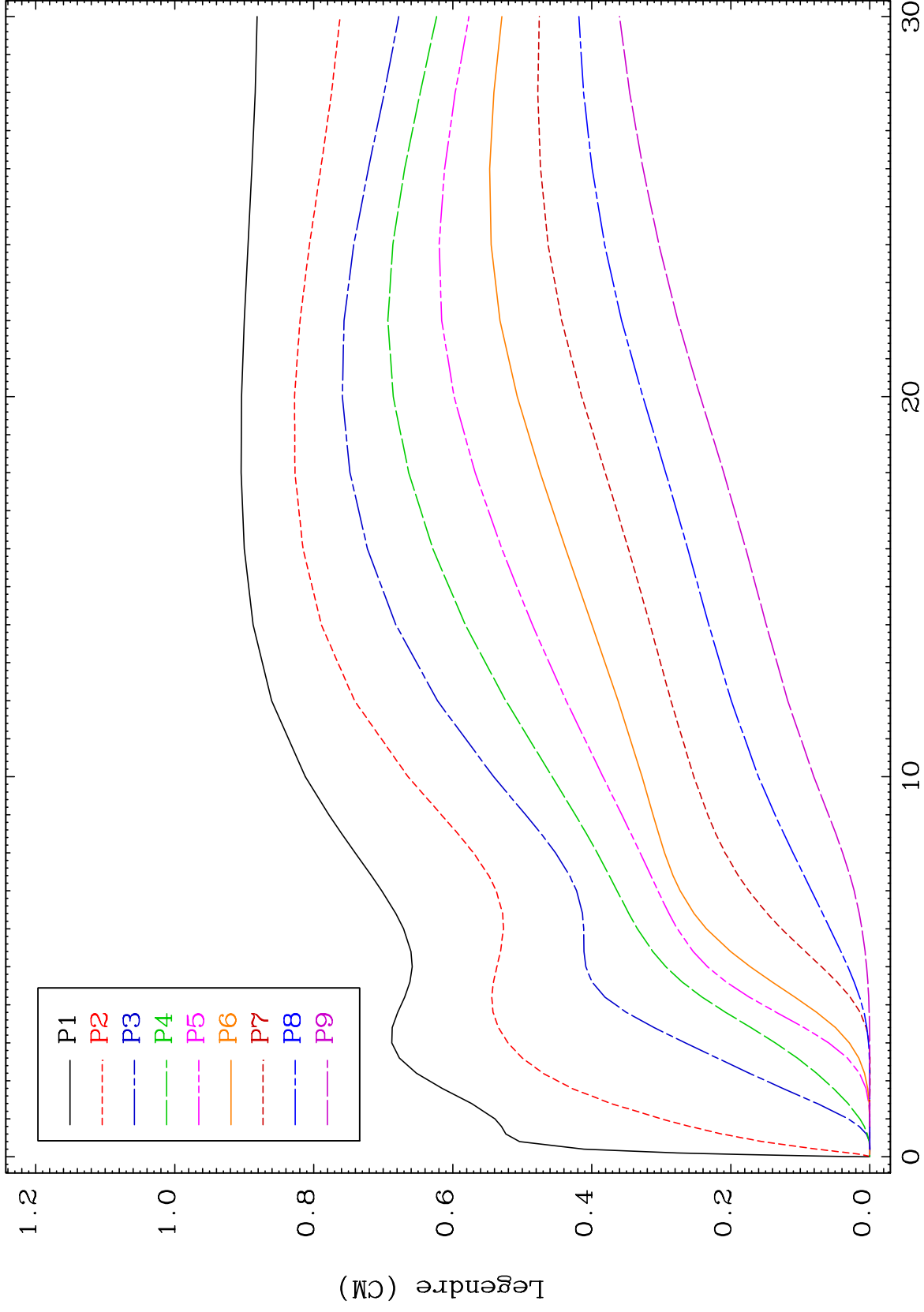
54-Xe-119



MAT 5410

Elastic Legendre Coefficients

54-Xe-119



16

Incident Energy (MeV)

54-Xe-119

30

20

10

0

1.2

1.0

0.8

0.6

0.4

0.2

0.0

P1

P2

P3

P4

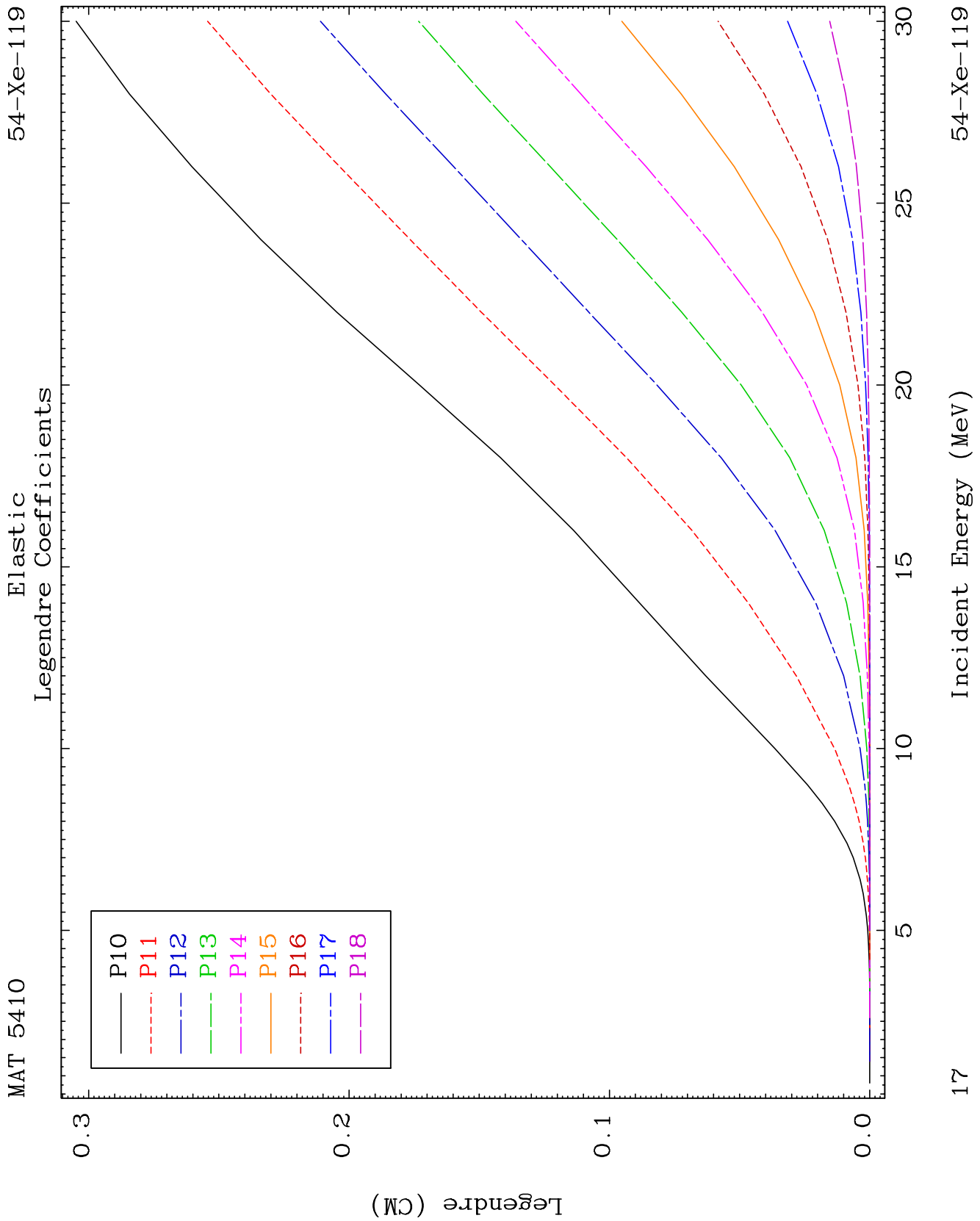
P5

P6

P7

P8

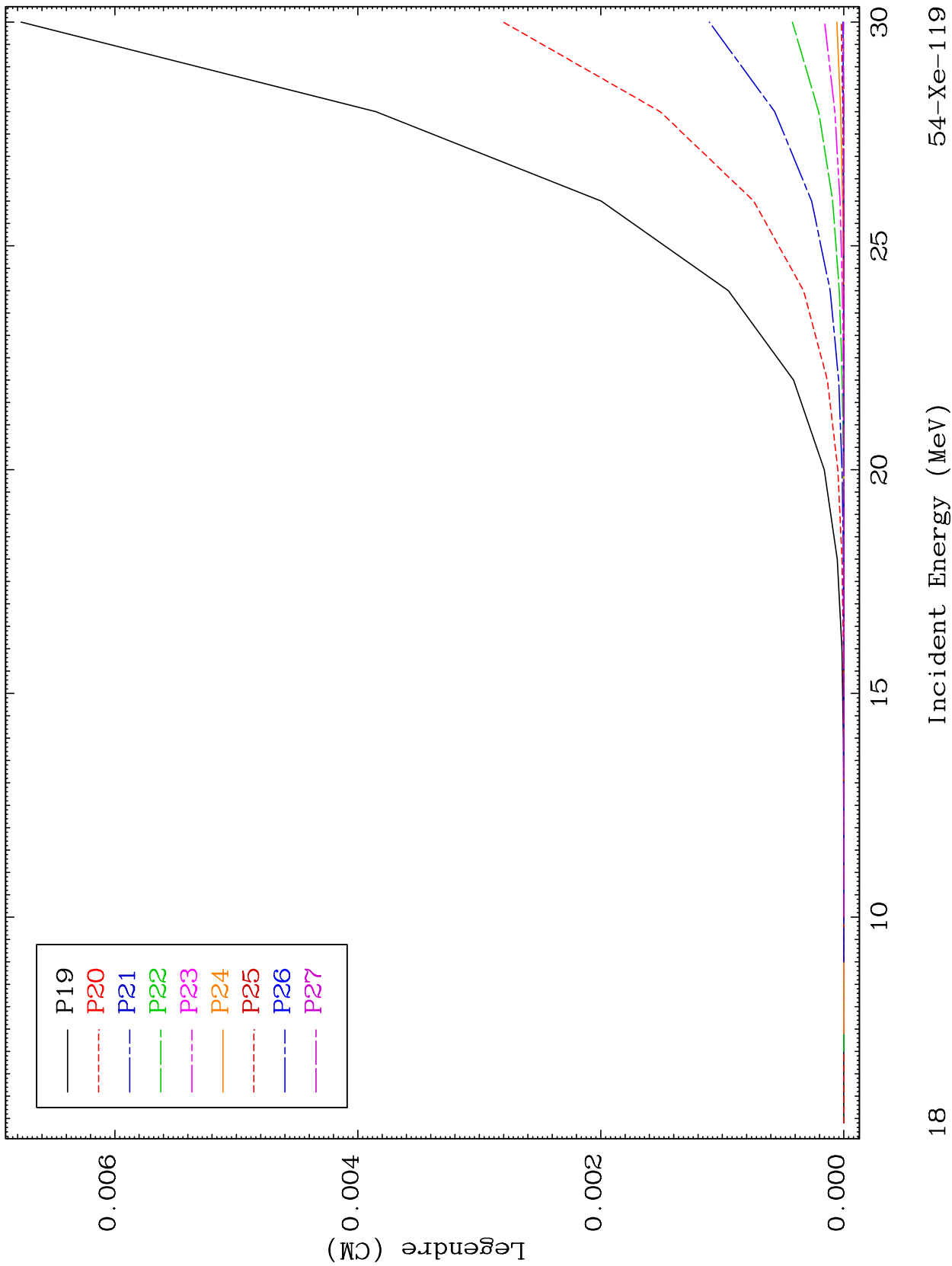
P9



MAT 5410

Elastic Legendre Coefficients

54-Xe-119



18

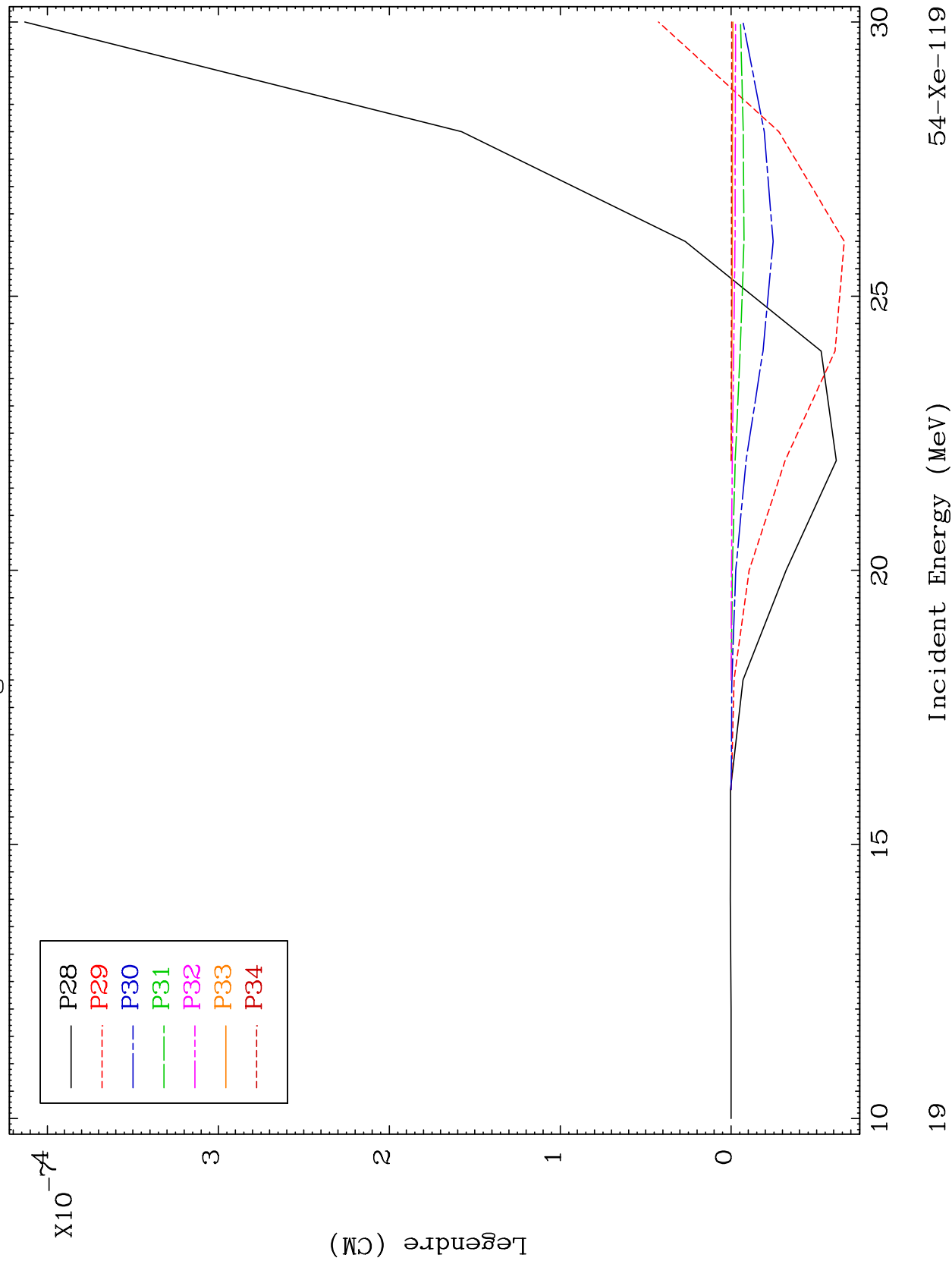
Incident Energy (MeV)

54-Xe-119

MAT 5410

Elastic Legendre Coefficients

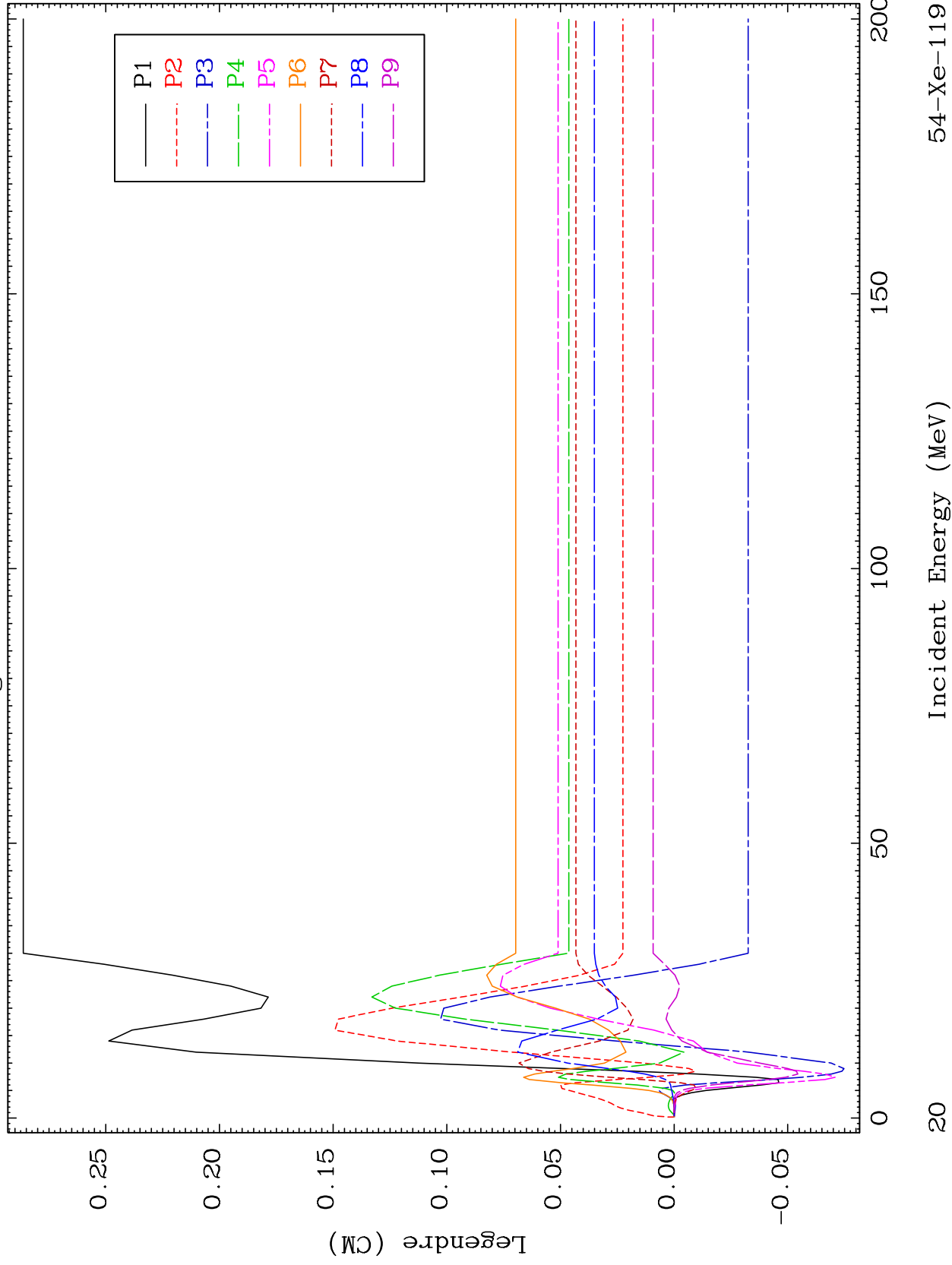
54-Xe-119



MAT 5410

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

54-Xe-119

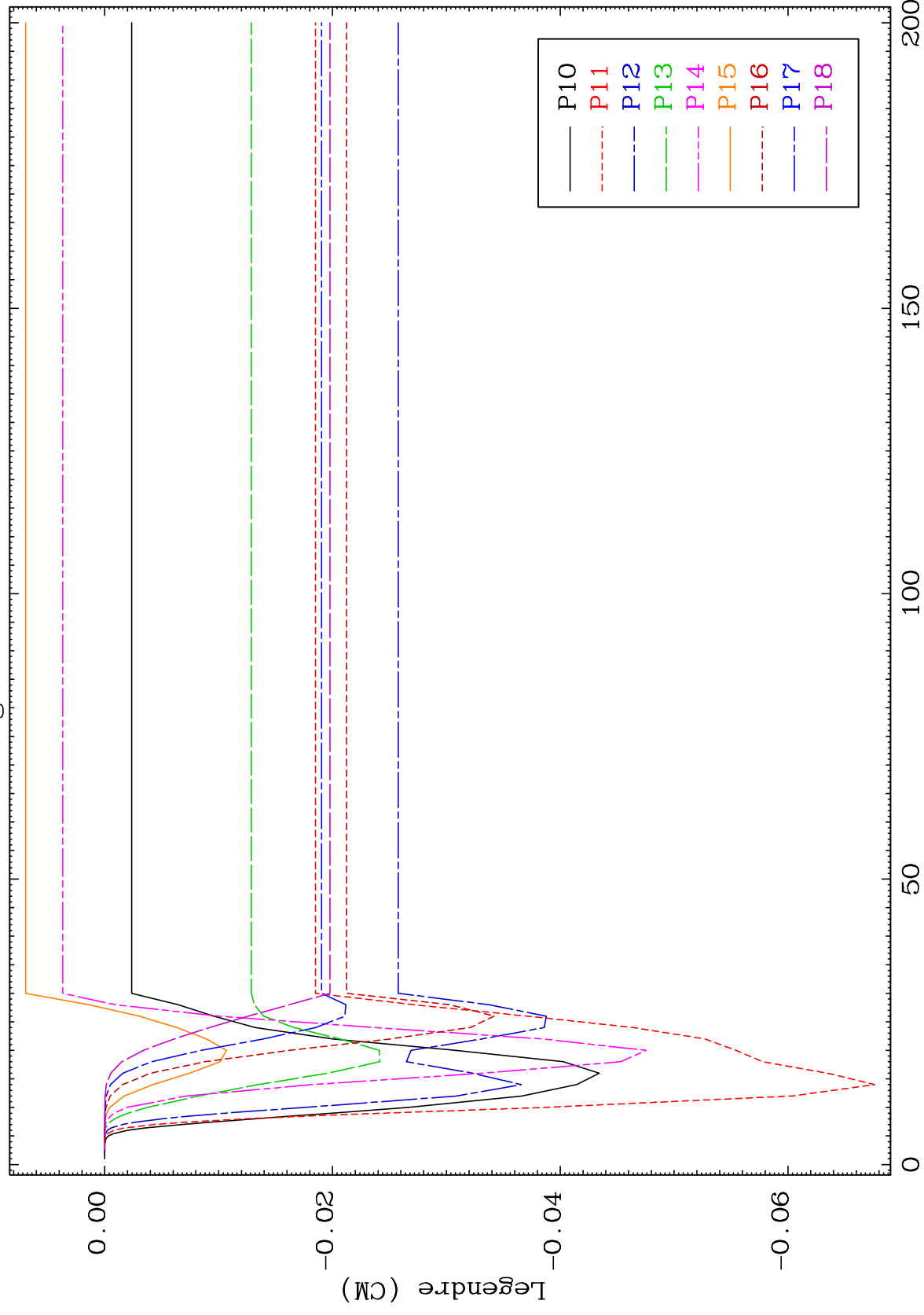


54-Xe-119

MAT 5410

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

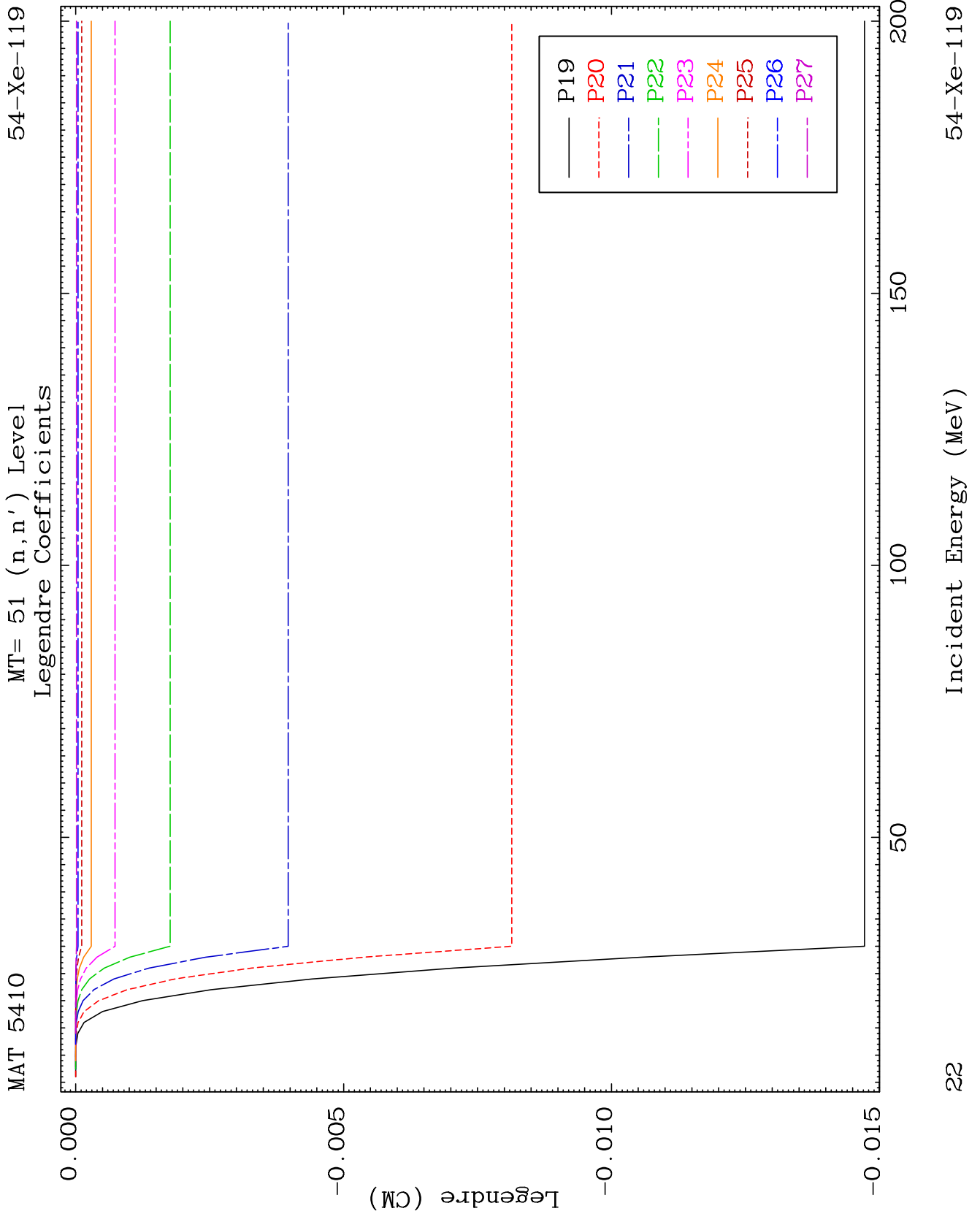
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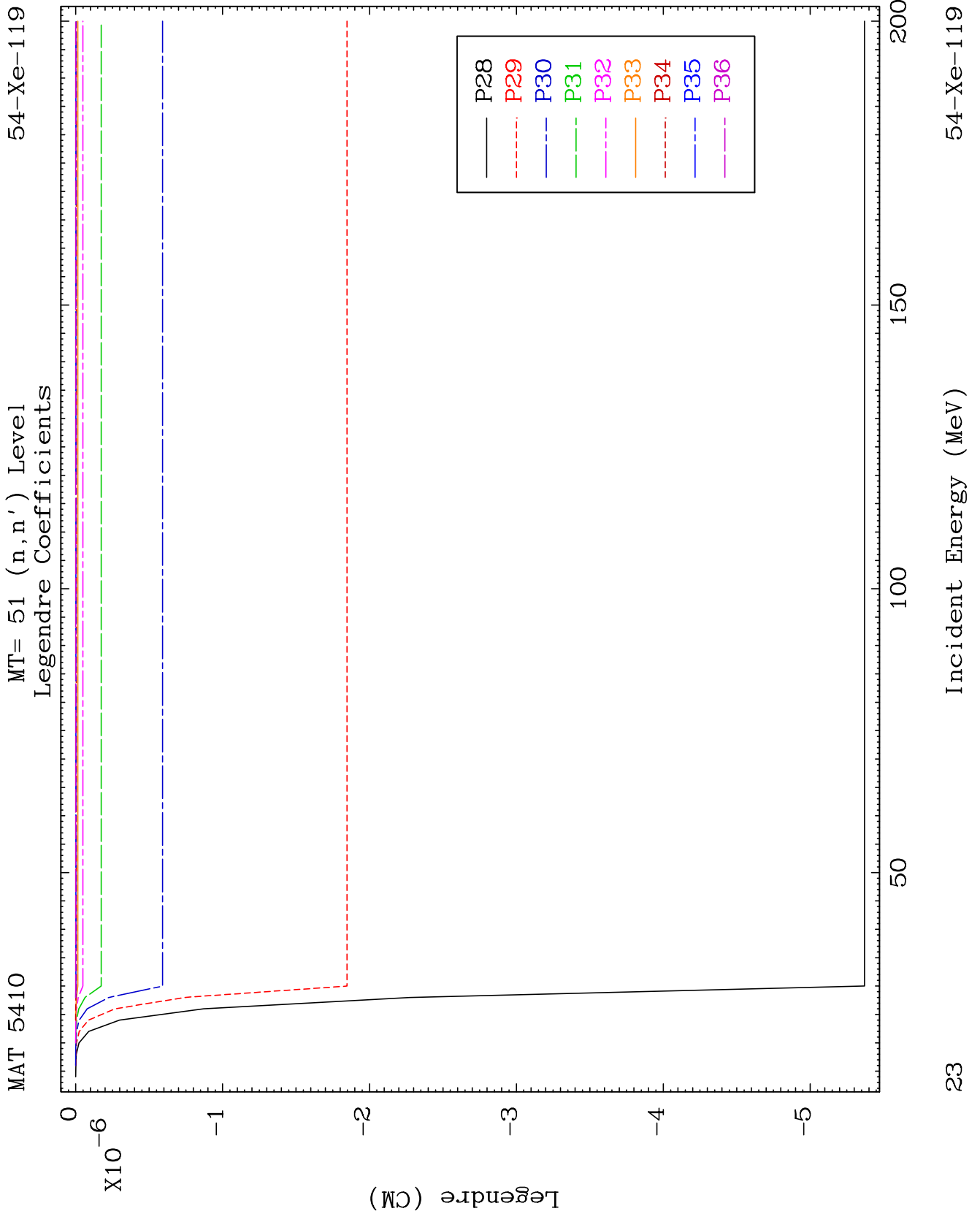


21

Incident Energy (MeV)

54-Xe-119

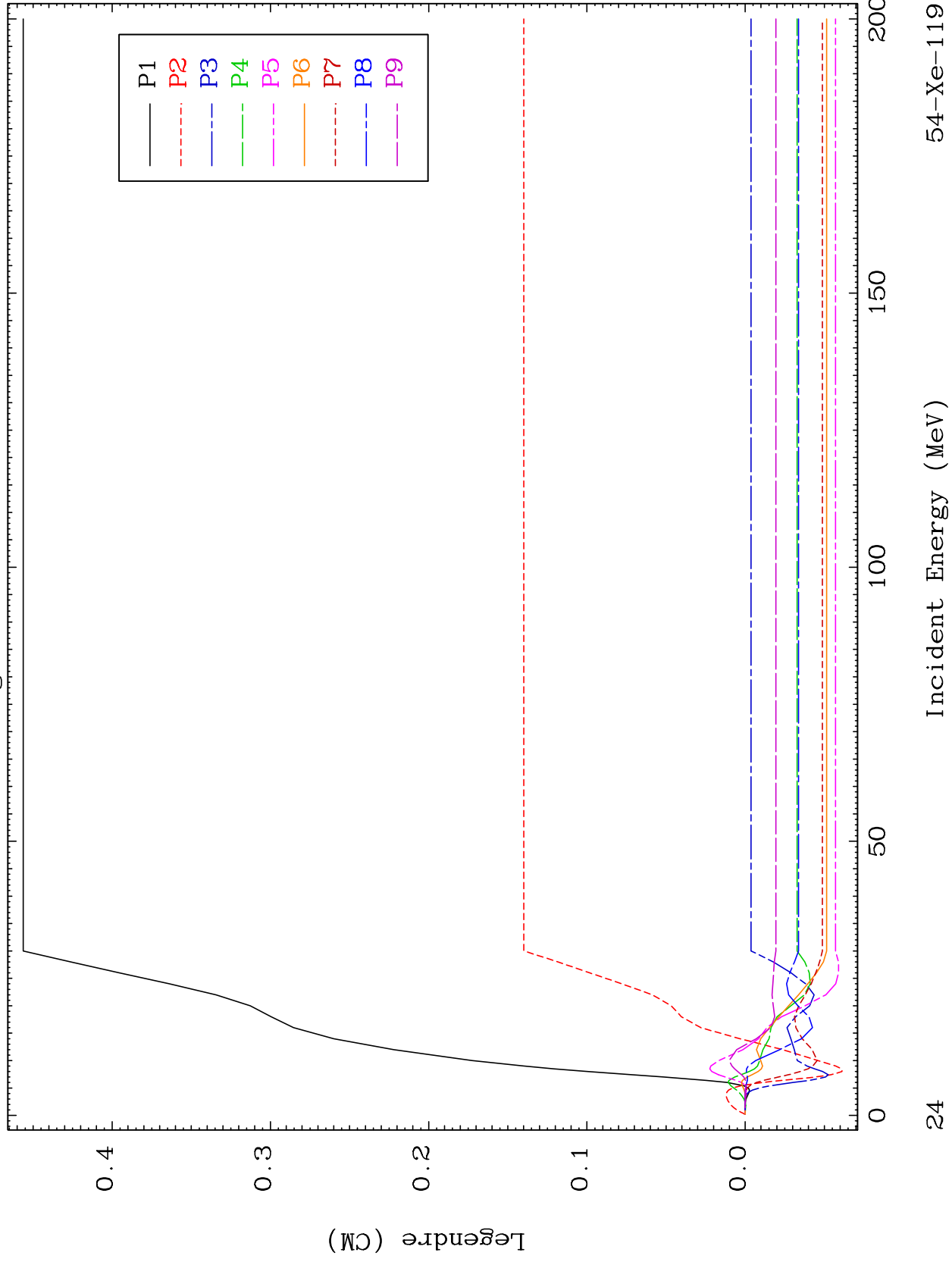




MAT 5410

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

54-Xe-119



54-Xe-119

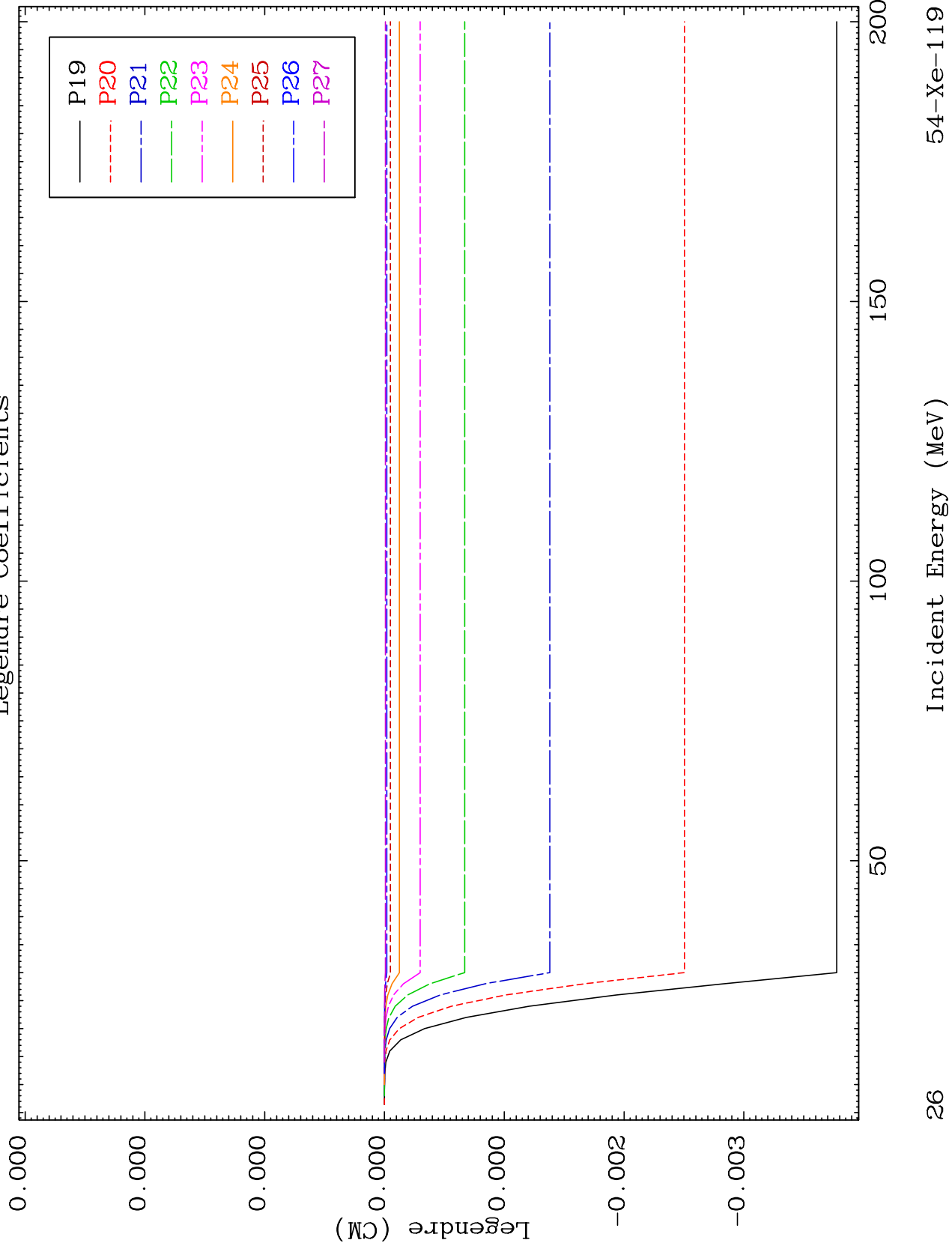
Incident Energy (MeV)

24

MAT 5410

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

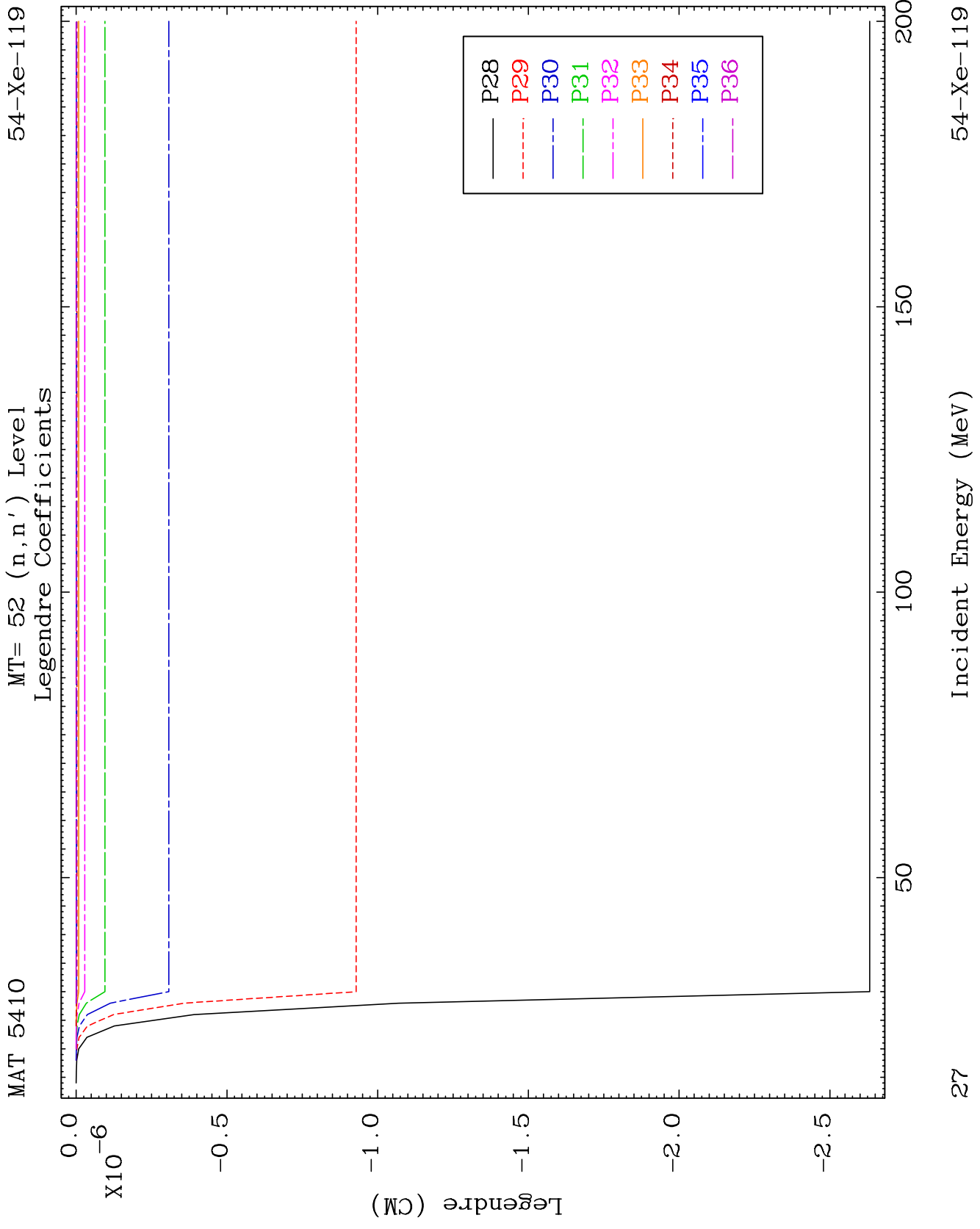
54-Xe-119



26

Incident Energy (MeV)

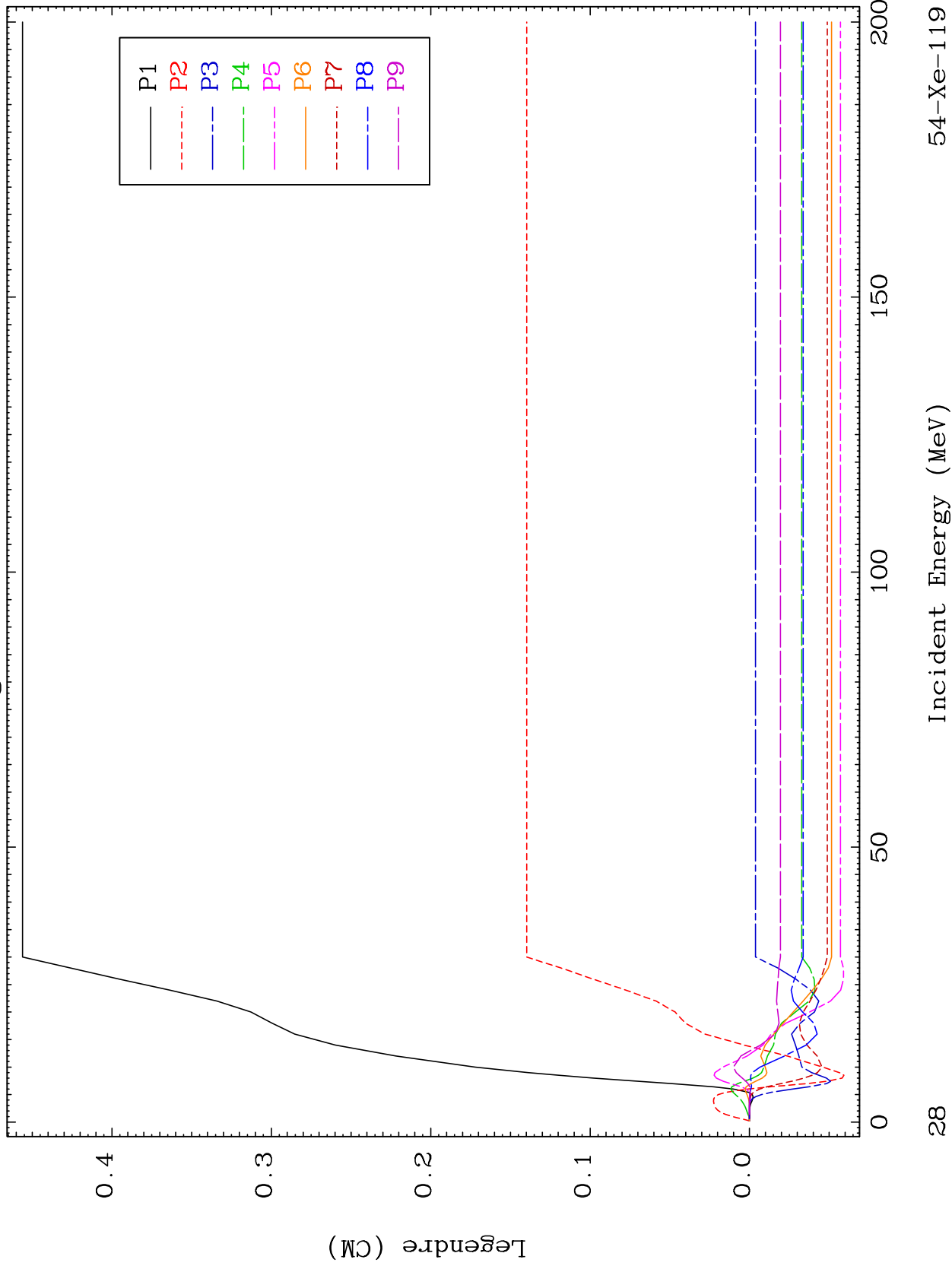
54-Xe-119



MAT 5410

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

54-Xe-119



54-Xe-119

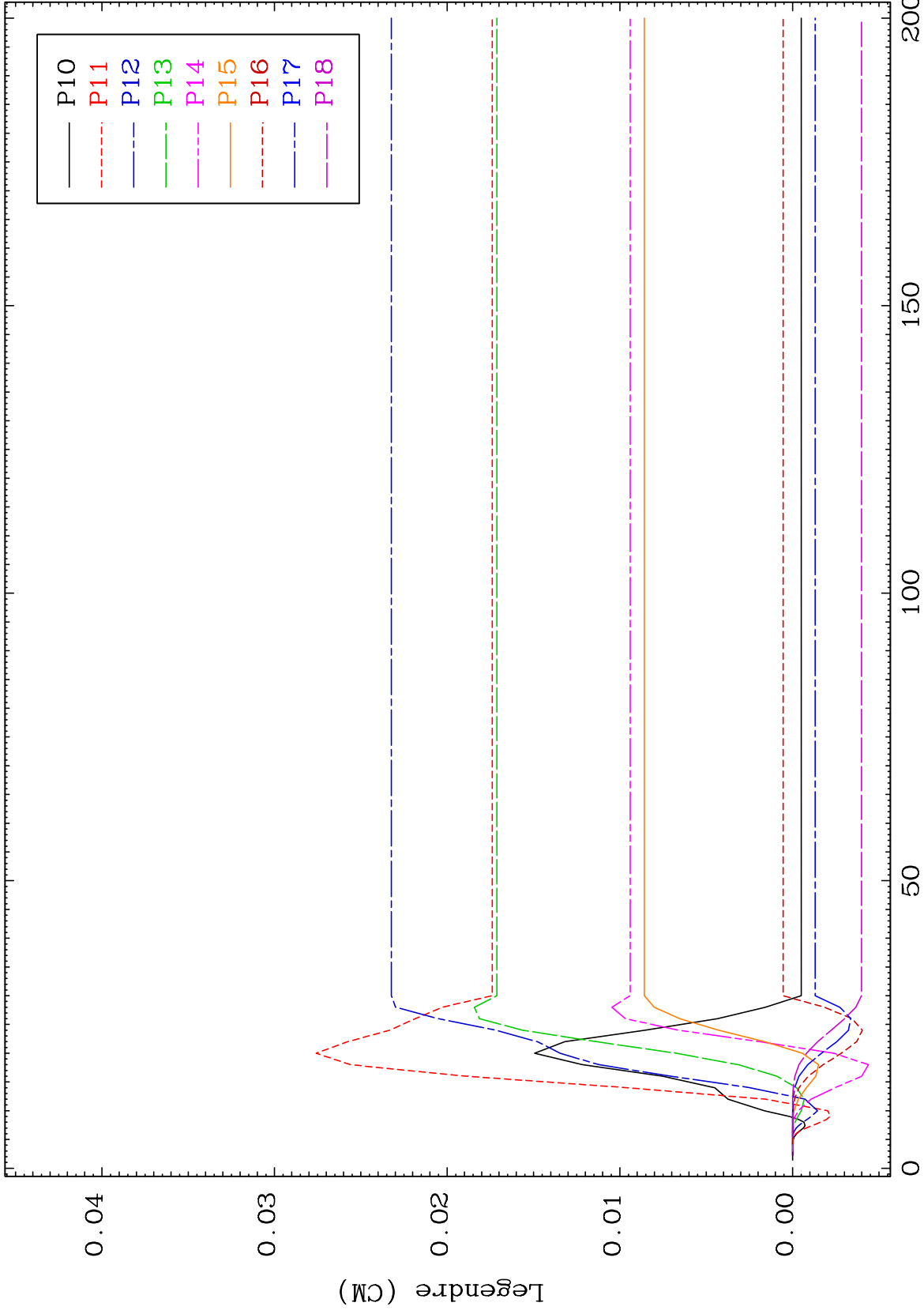
Incident Energy (MeV)

28

MAT 5410

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

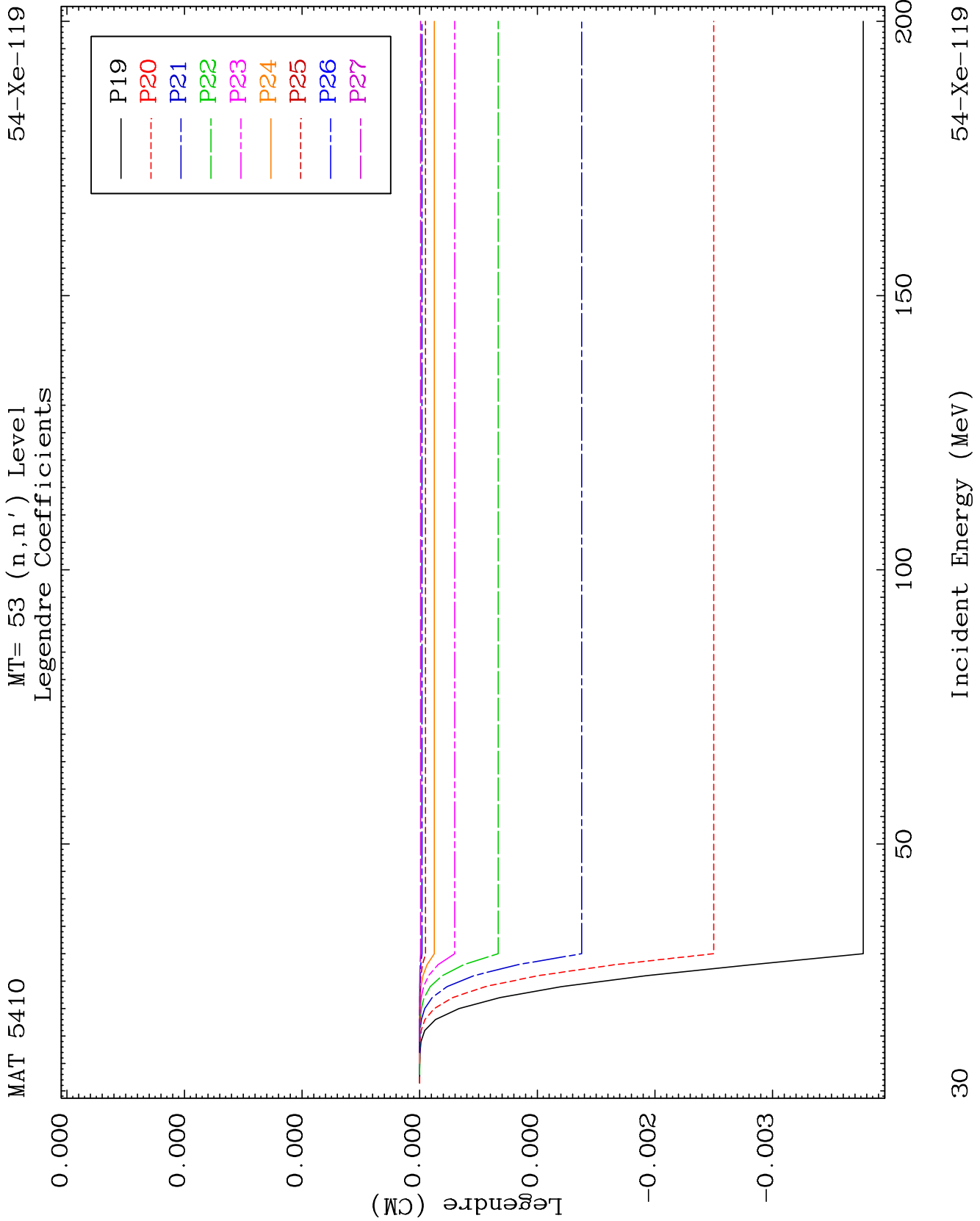
54-Xe-119

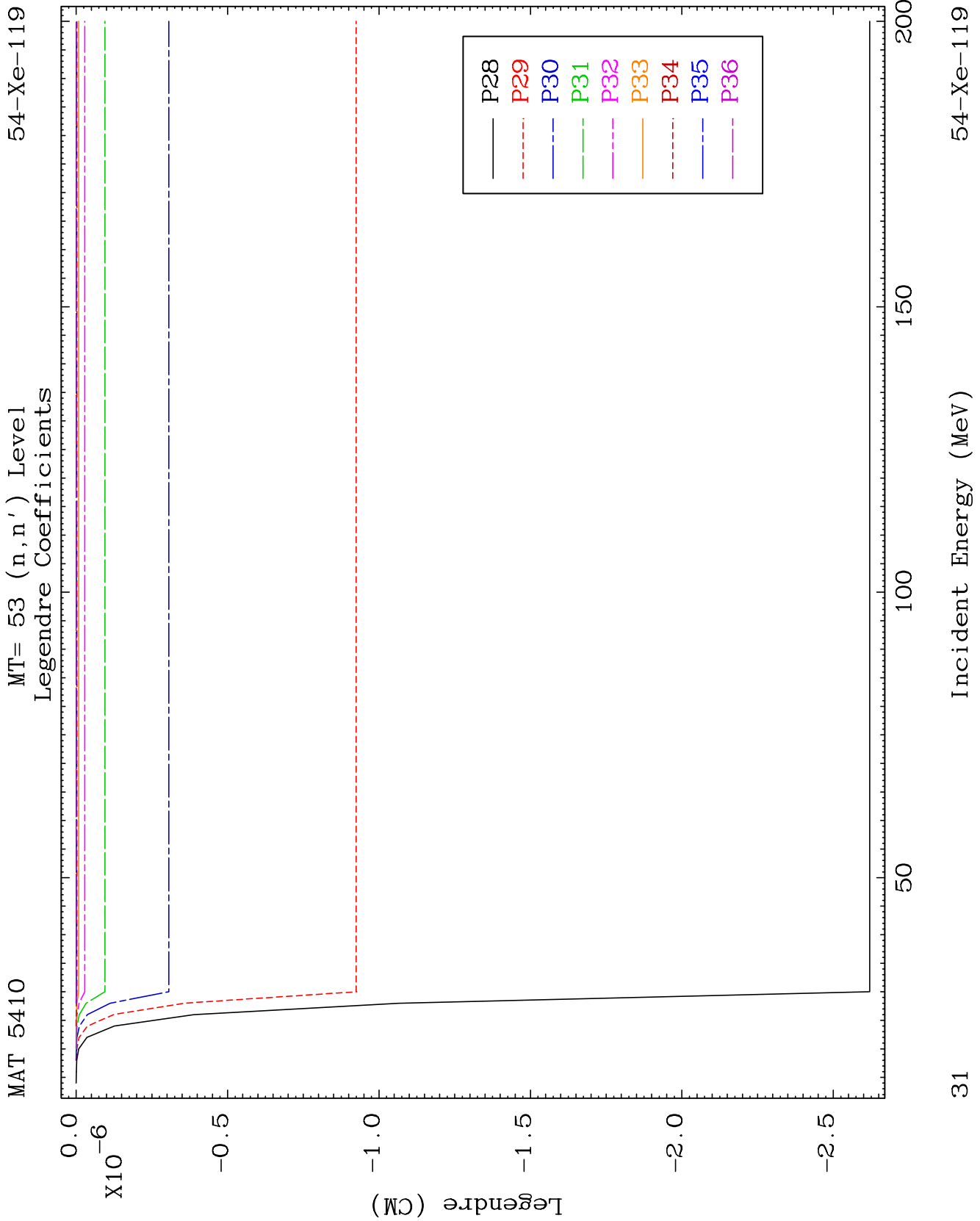


29

Incident Energy (MeV)

54-Xe-119

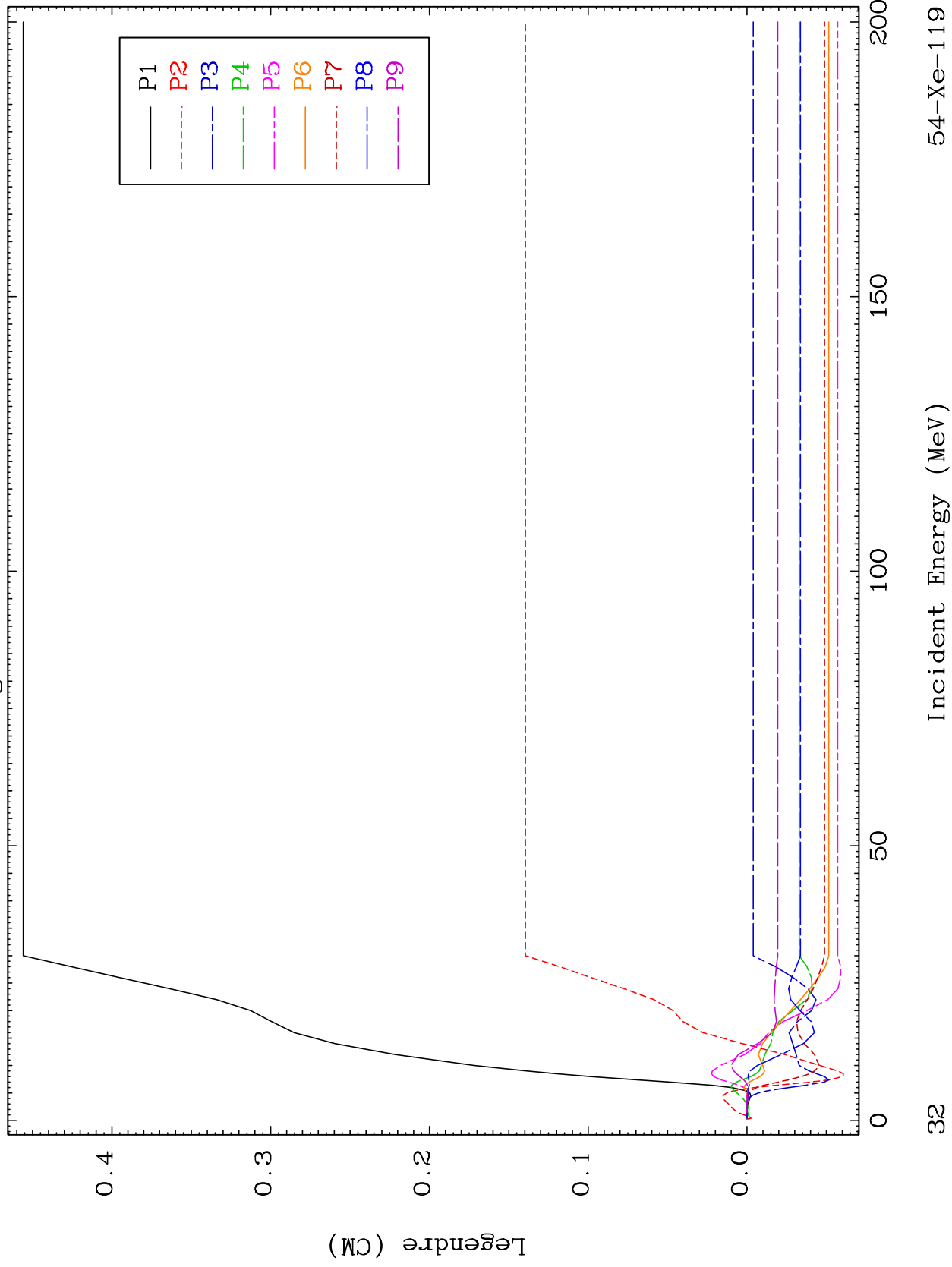




MAT 5410

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

54-Xe-119



54-Xe-119

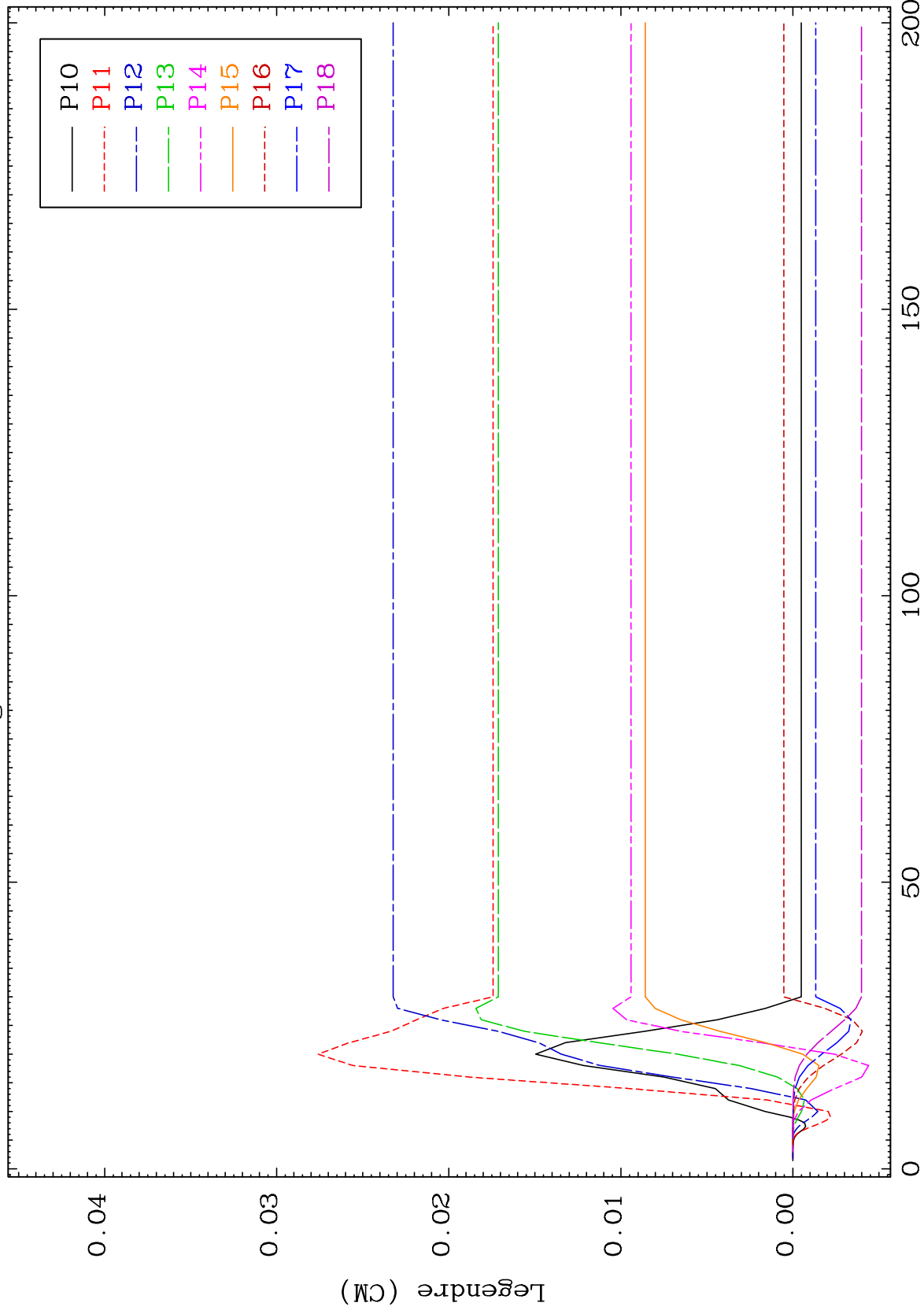
Incident Energy (MeV)

32

MAT 5410

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

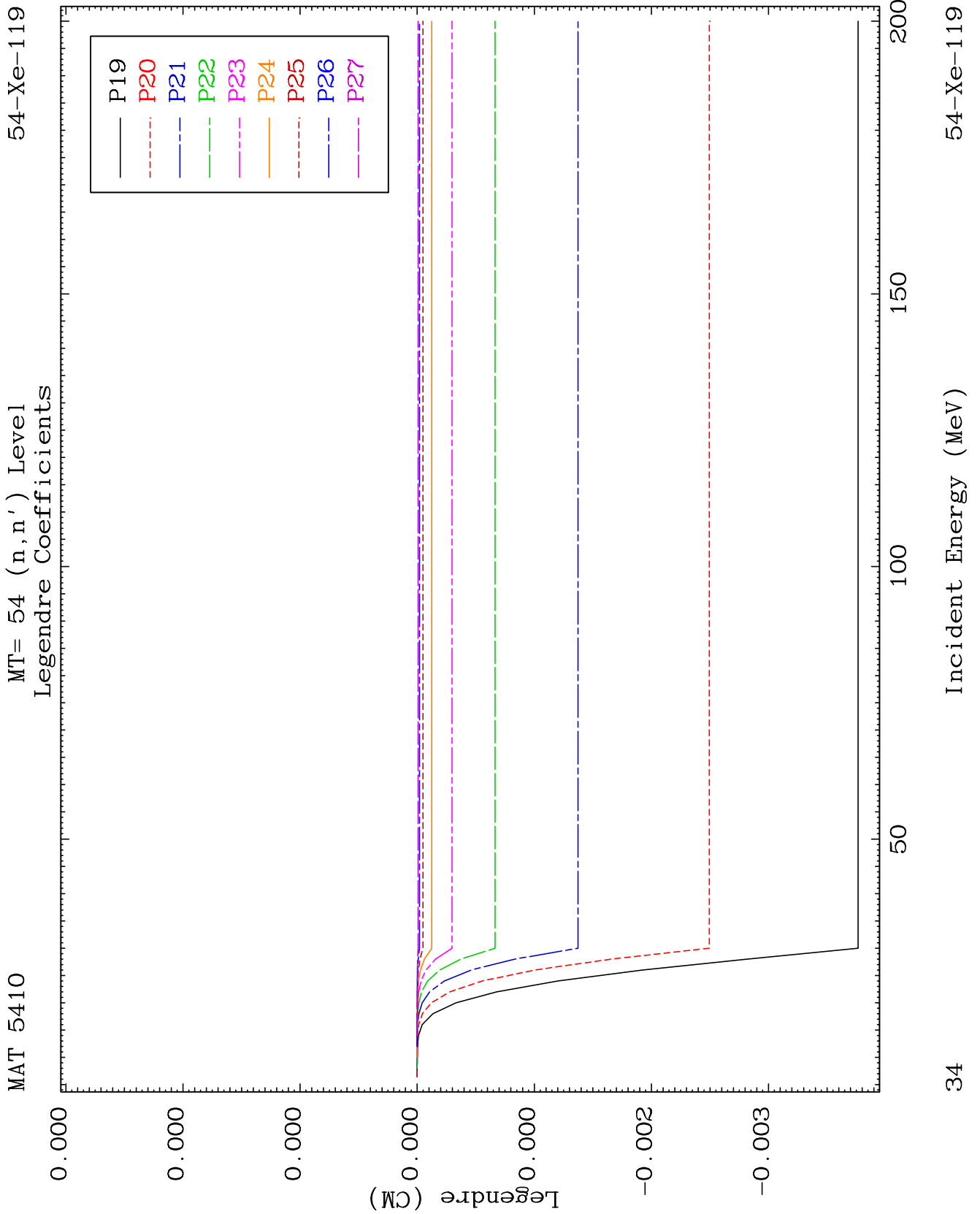
54-Xe-119



33

Incident Energy (MeV)

54-Xe-119

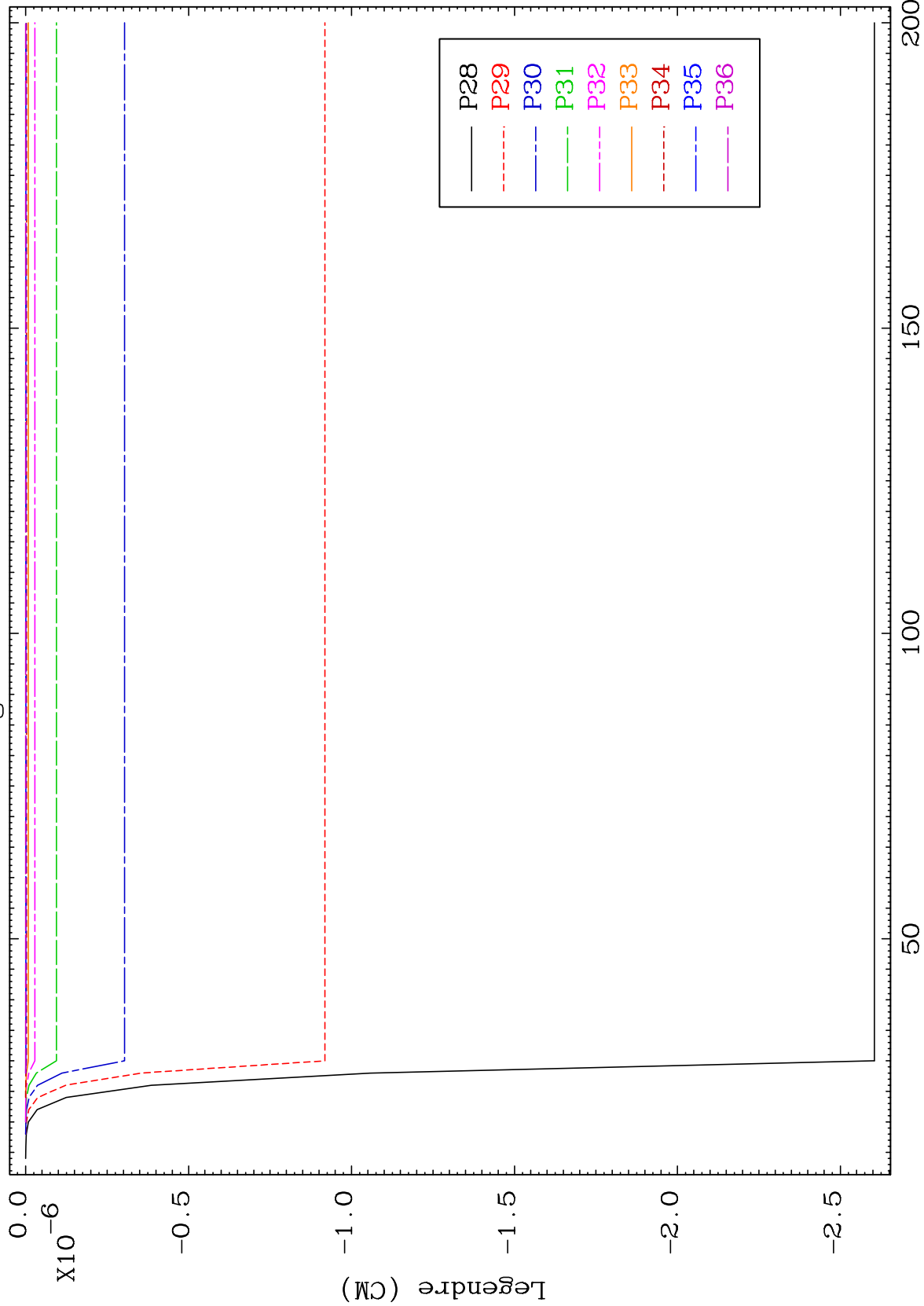


MAT 5410

MT= 54 (n,n') Level

54-Xe-119

Legendre Coefficients



54-Xe-119

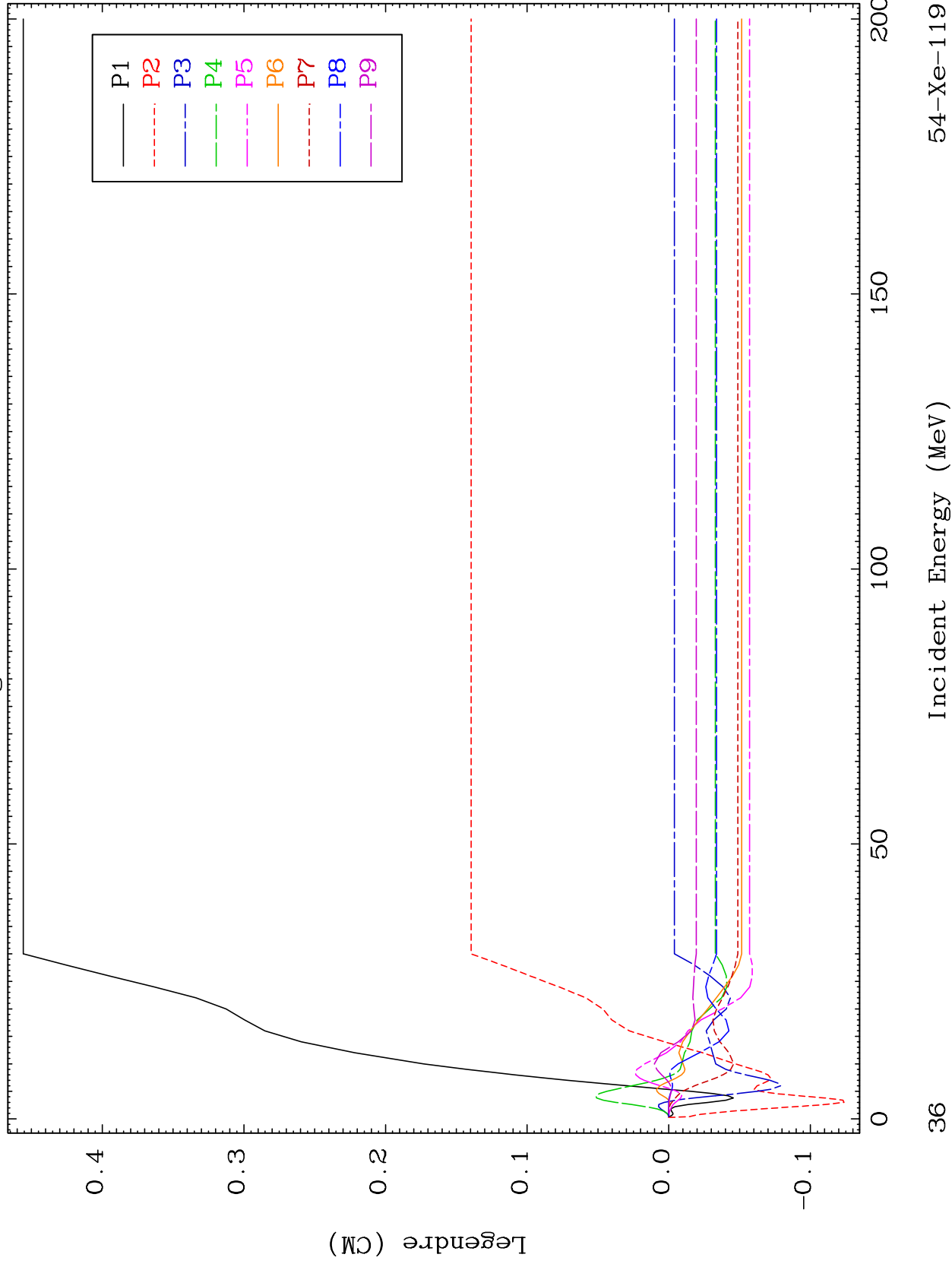
Incident Energy (MeV)

35

MAT 5410

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

54-Xe-119



54-Xe-119

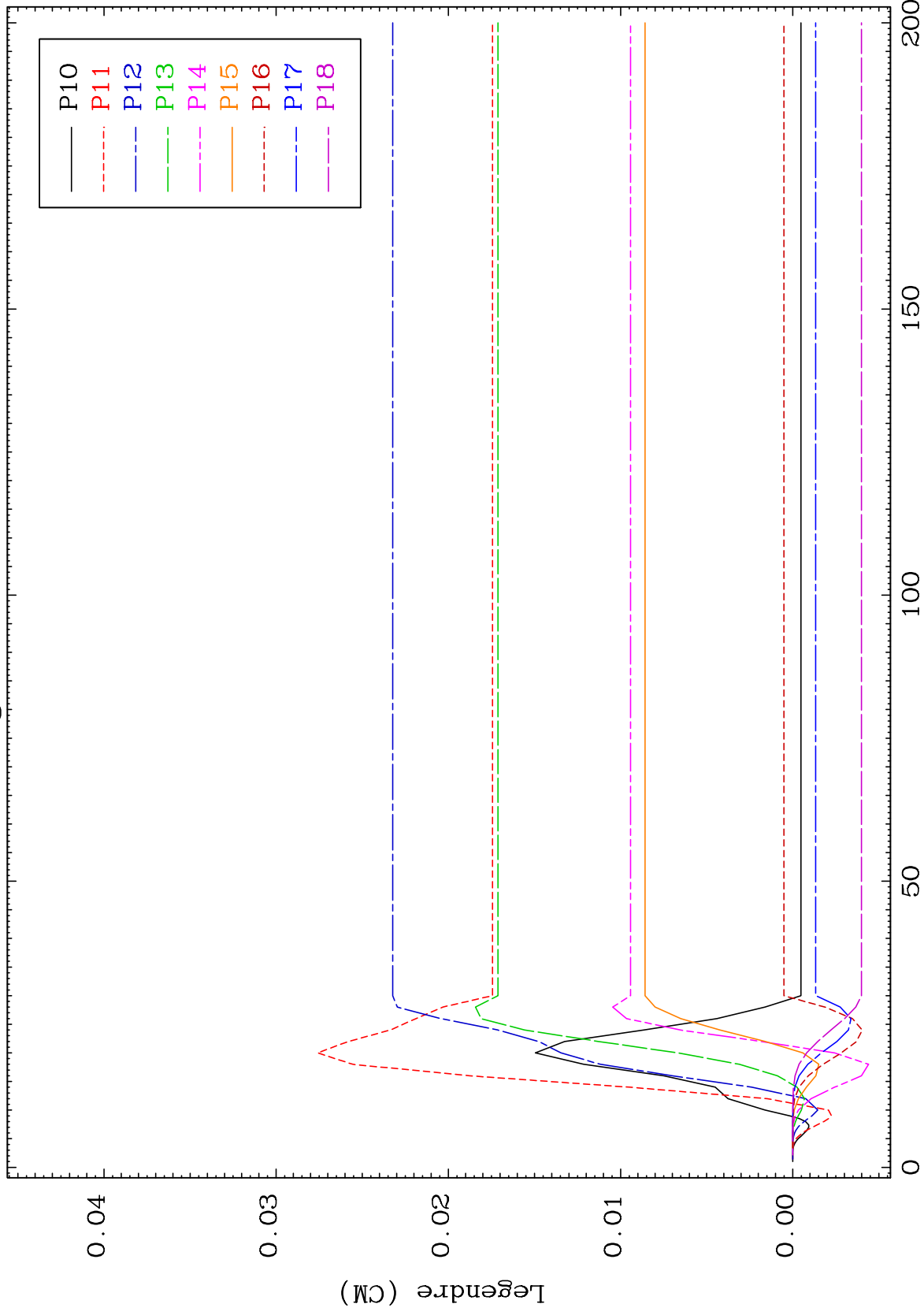
Incident Energy (MeV)

36

MAT 5410

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

54-Xe-119



37

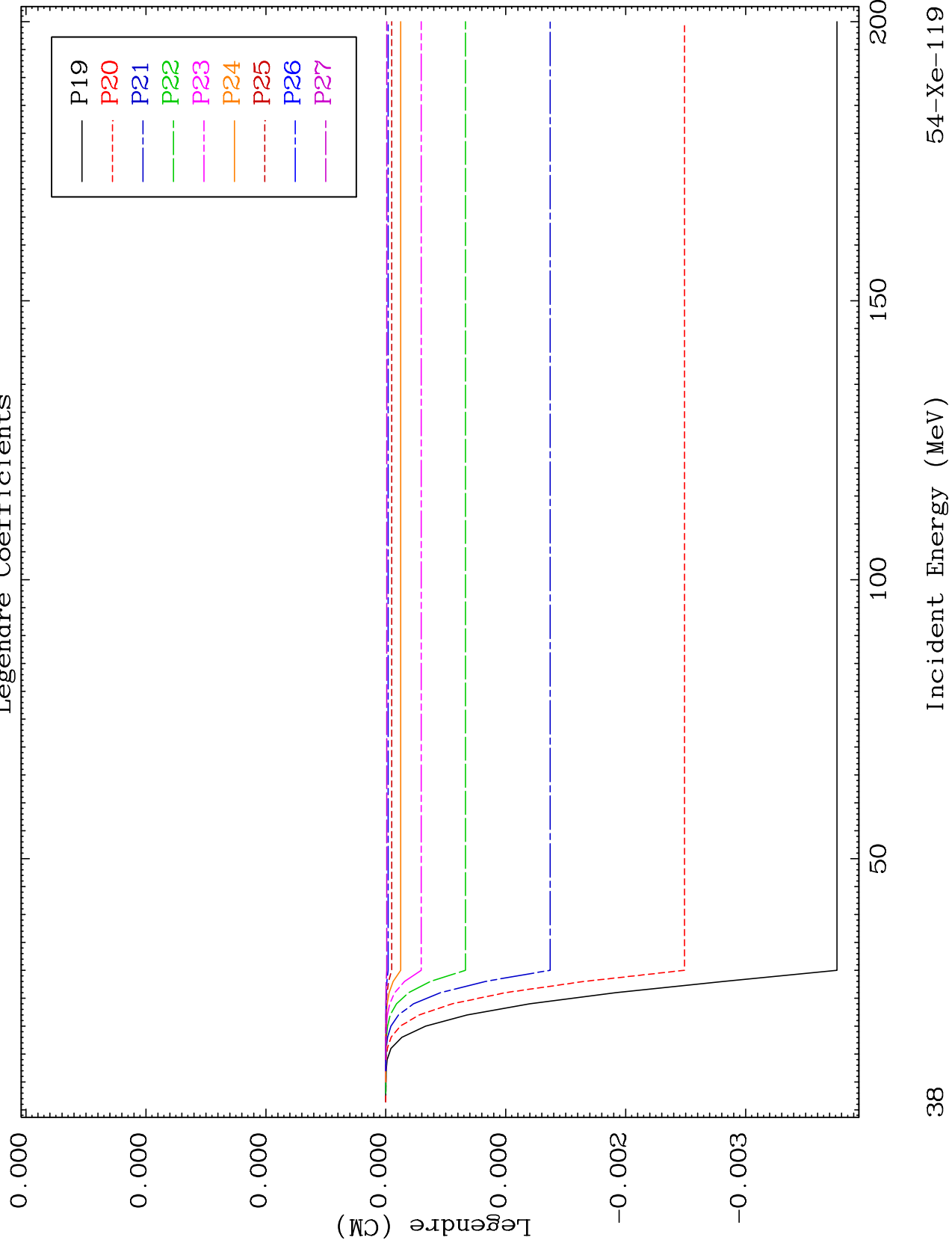
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

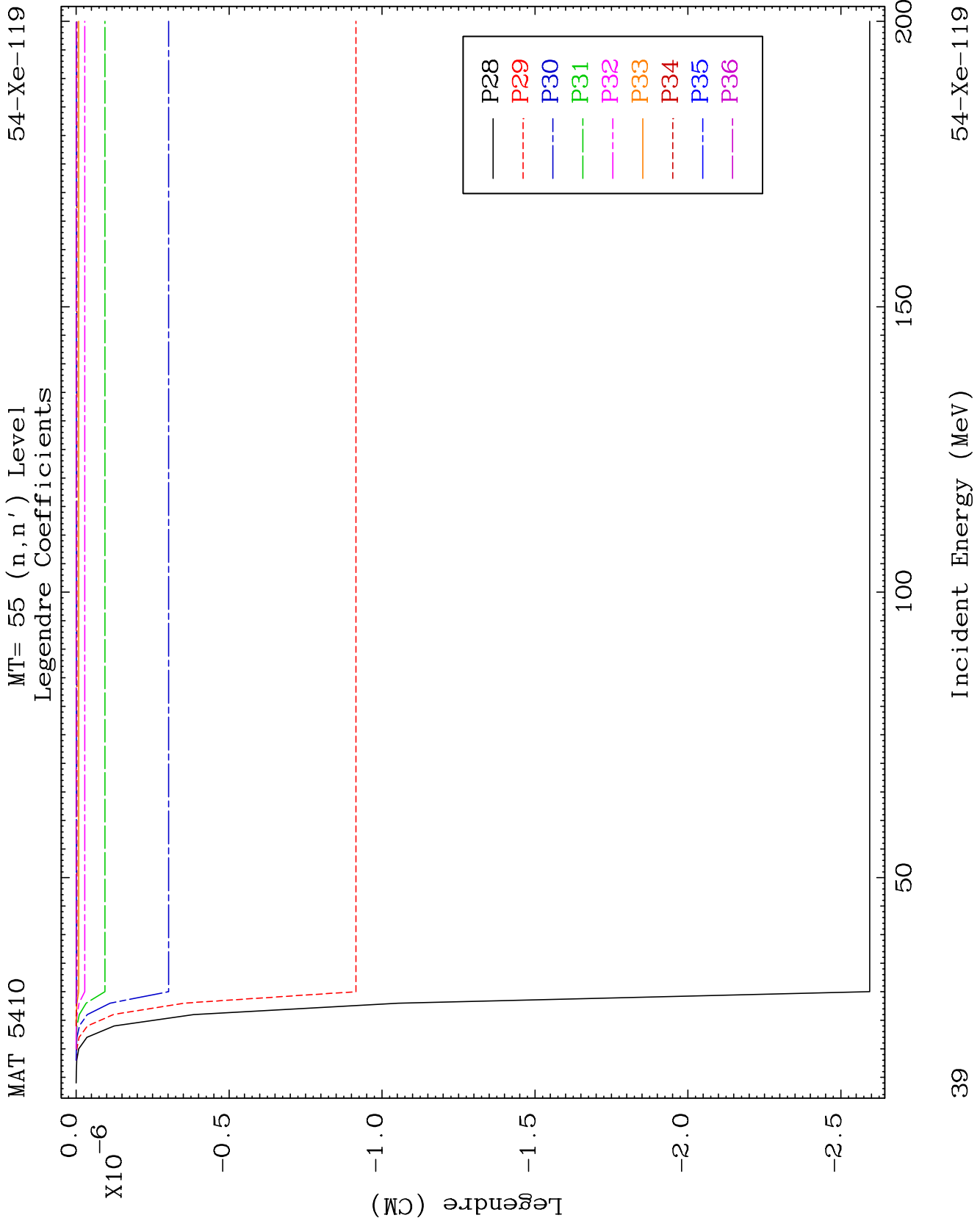
54-Xe-119



38

Incident Energy (MeV)

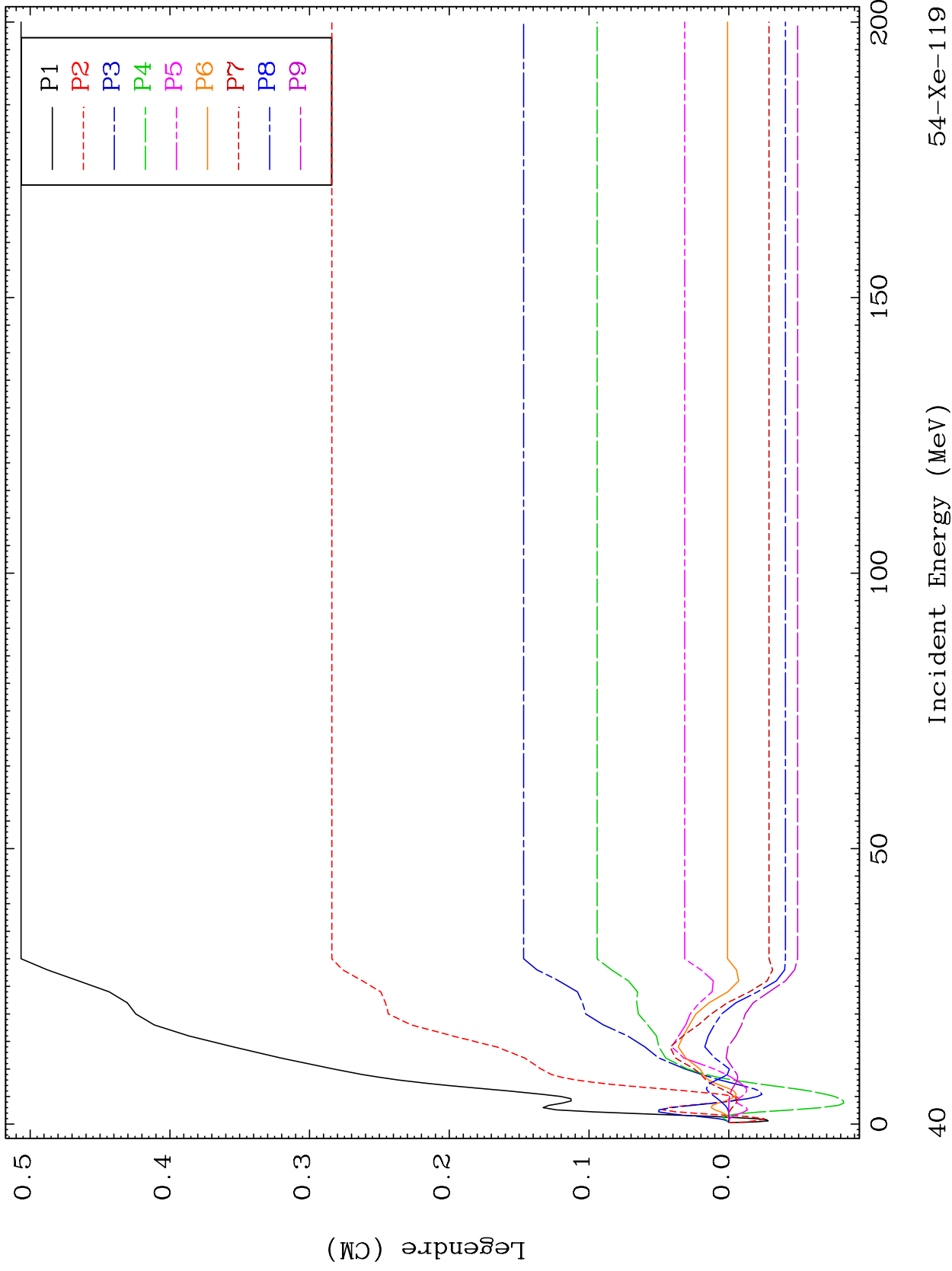
54-Xe-119



MAT 5410

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

54-Xe-119

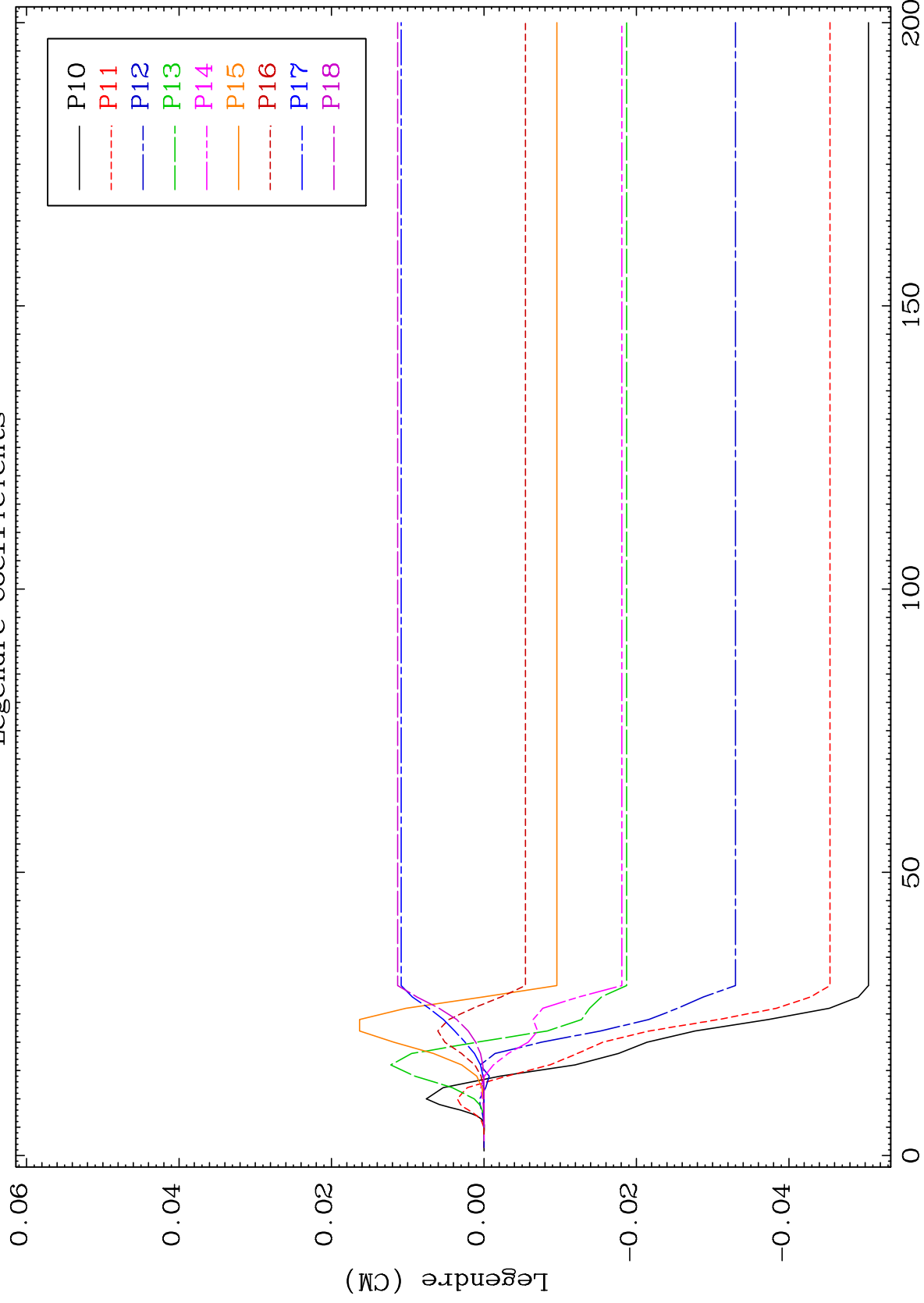


54-Xe-119

MAT 5410

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

54-Xe-119



41

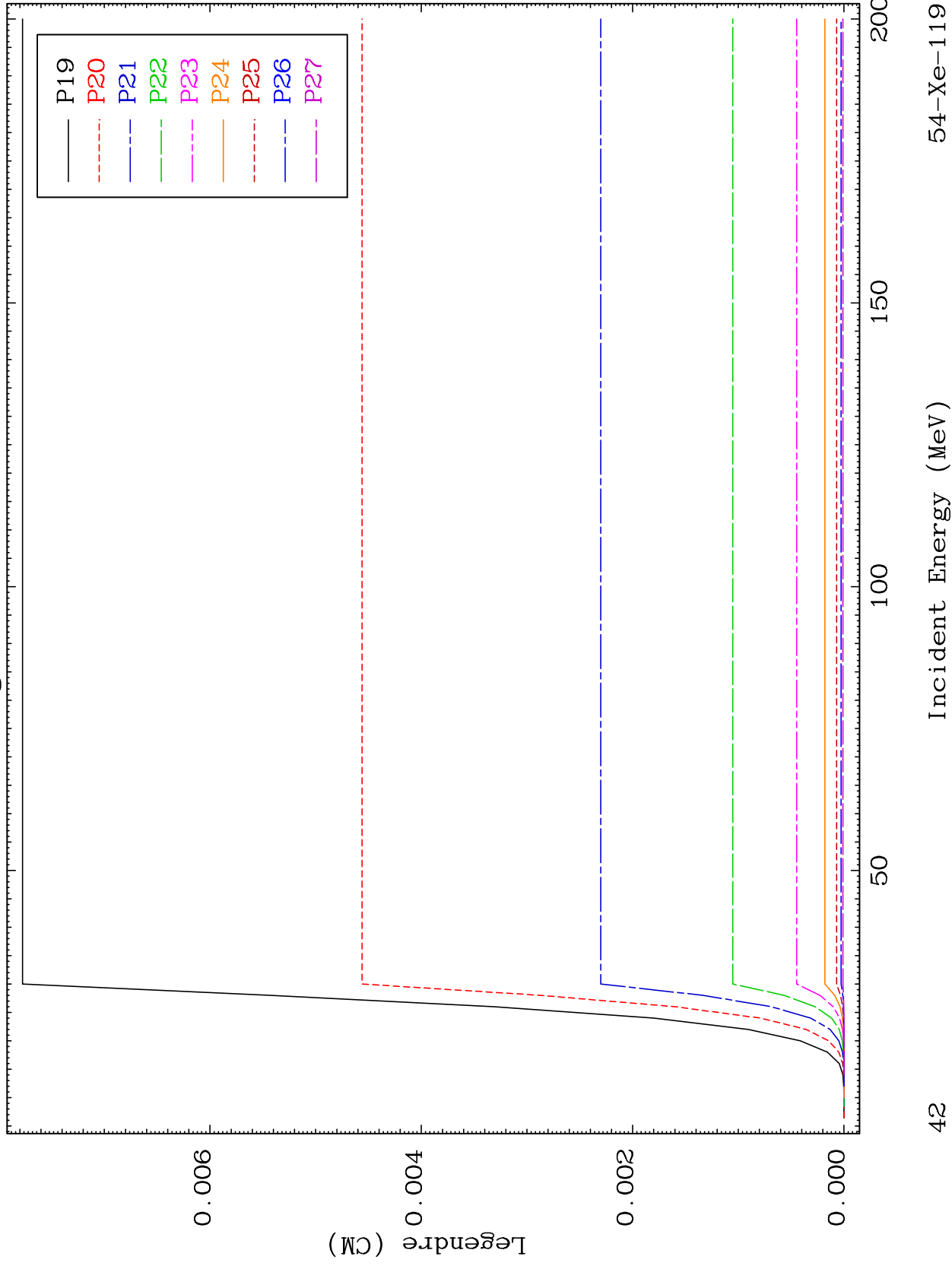
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119



42

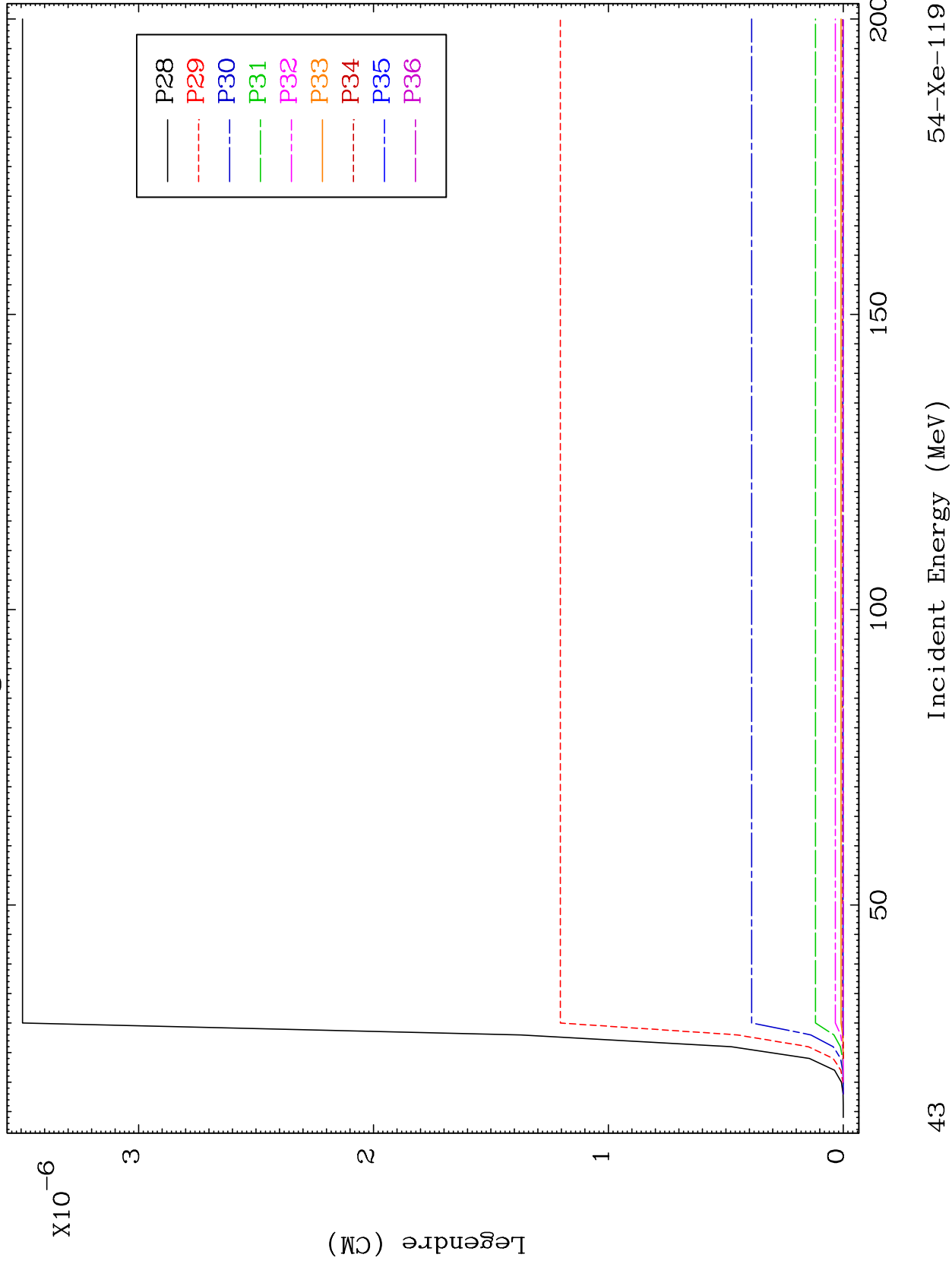
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

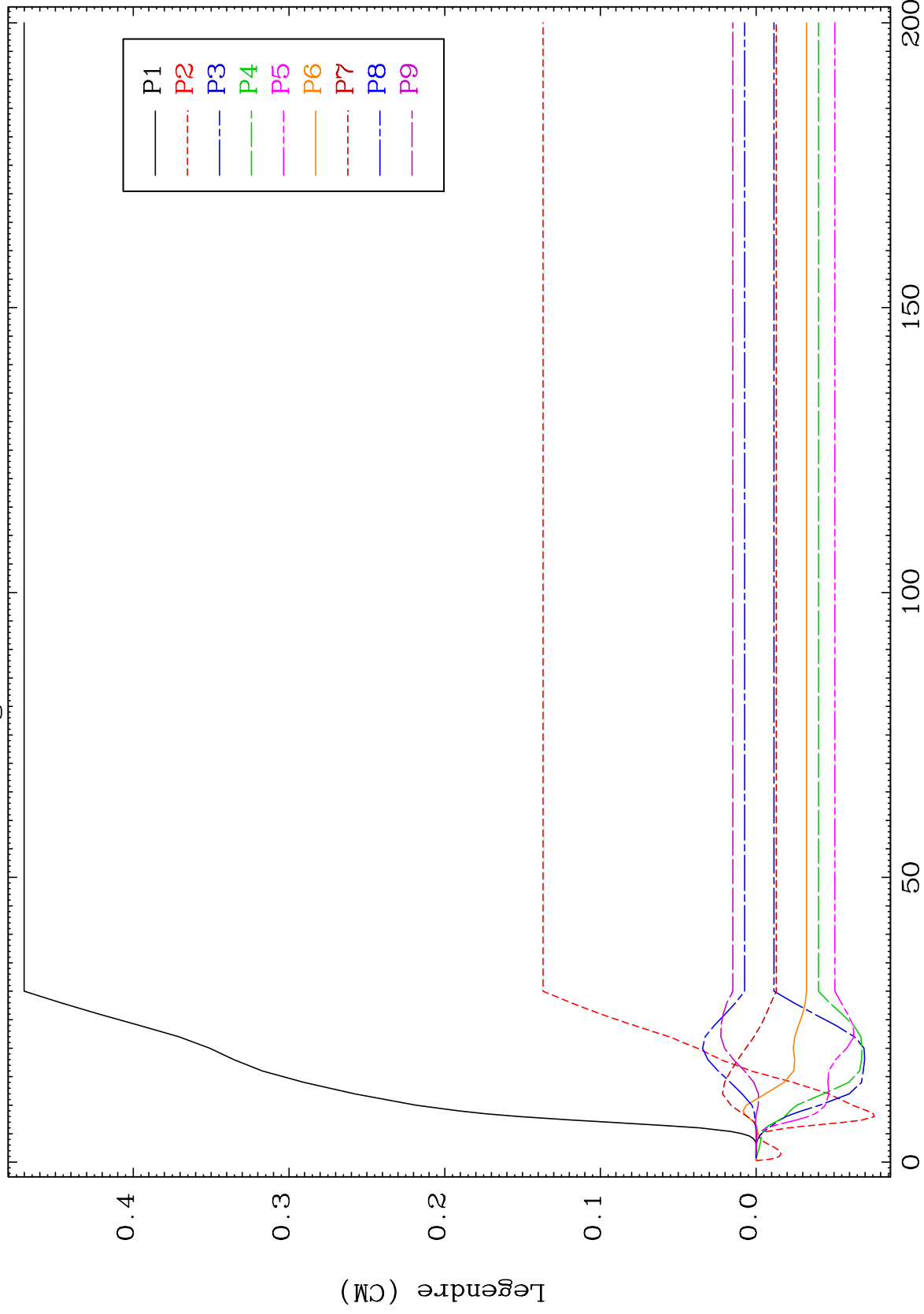
54-Xe-119



MAT 5410

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

54-Xe-119



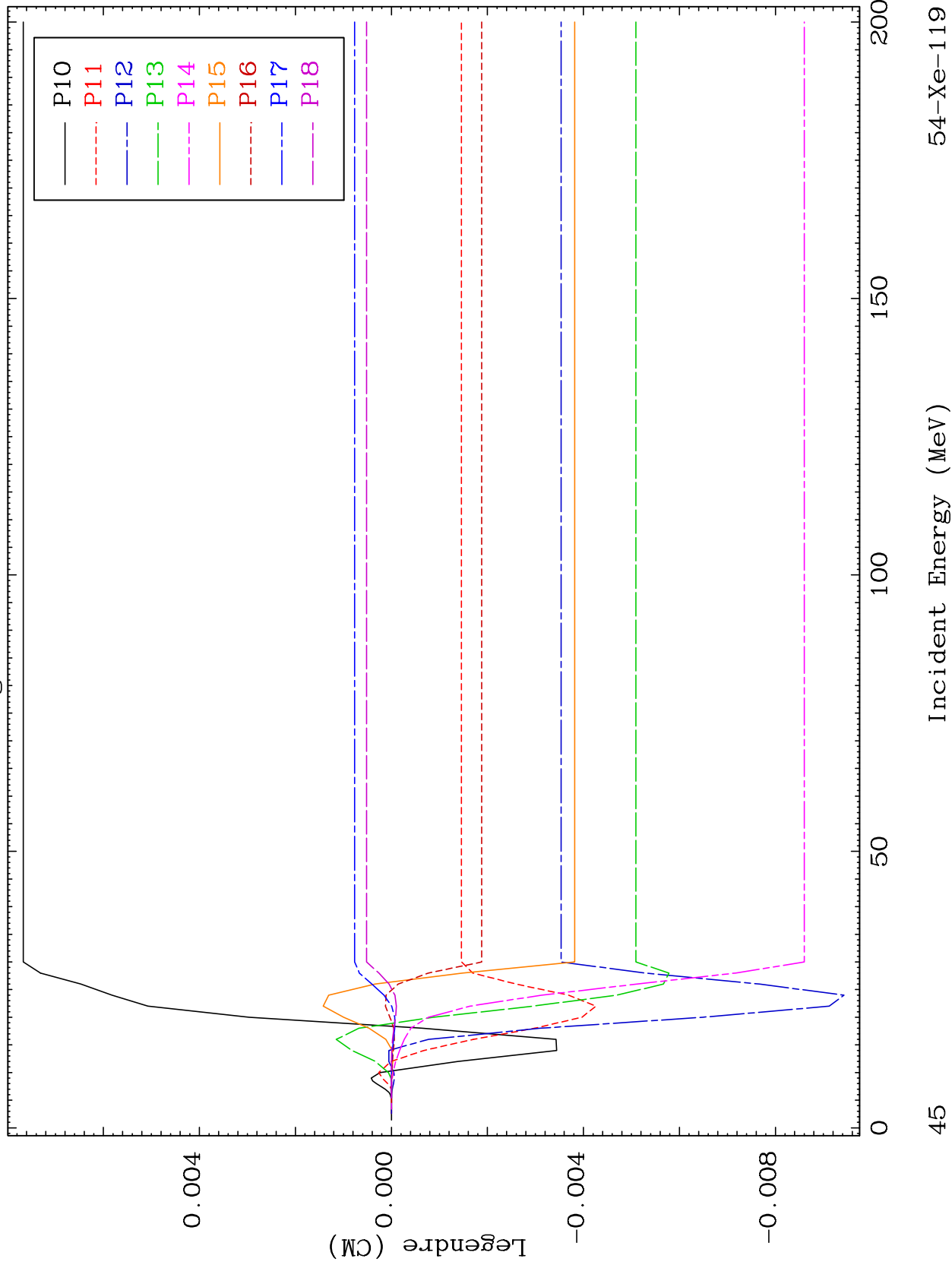
44

54-Xe-119

MAT 5410

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

54-Xe-119

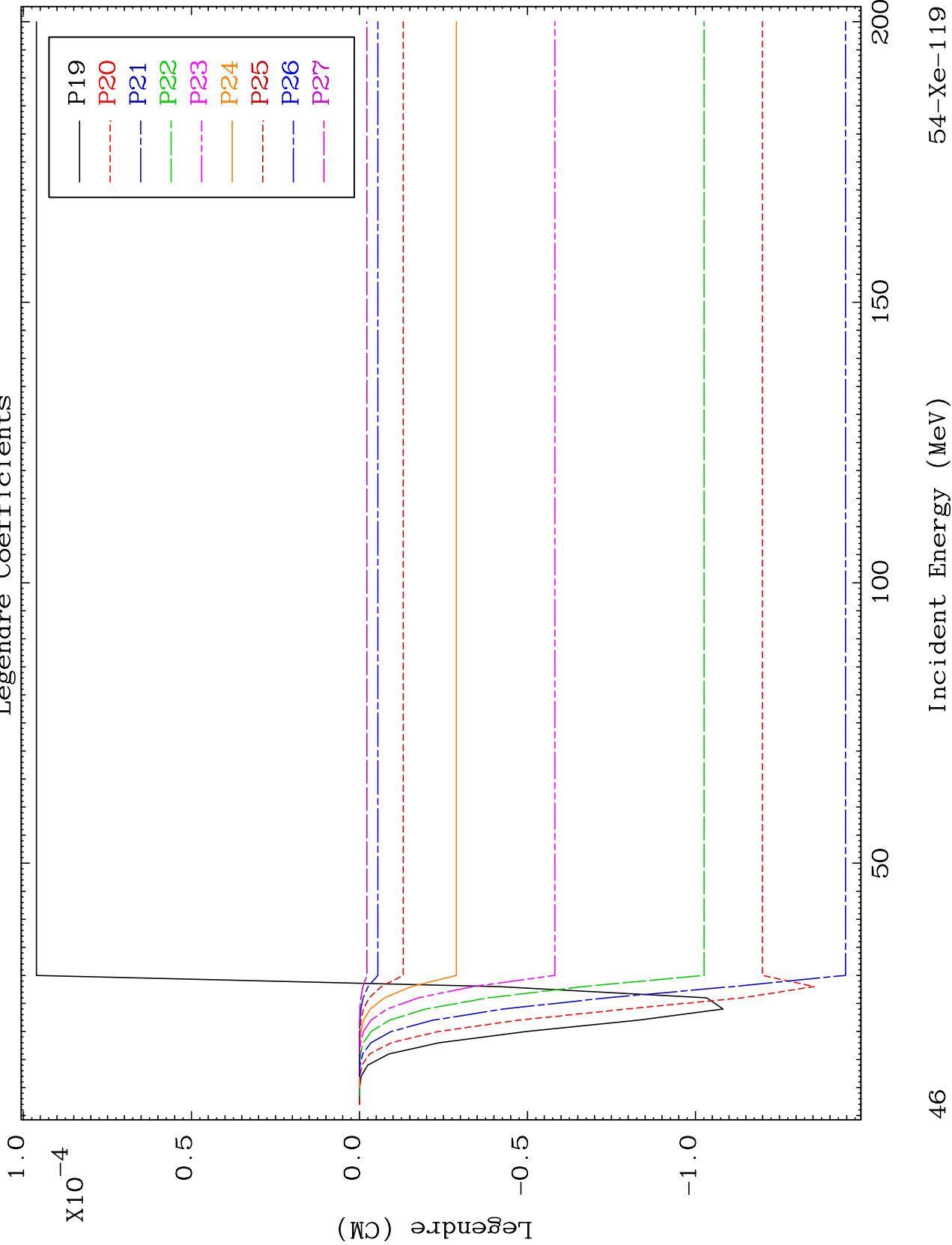


54-Xe-119

MAT 5410

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

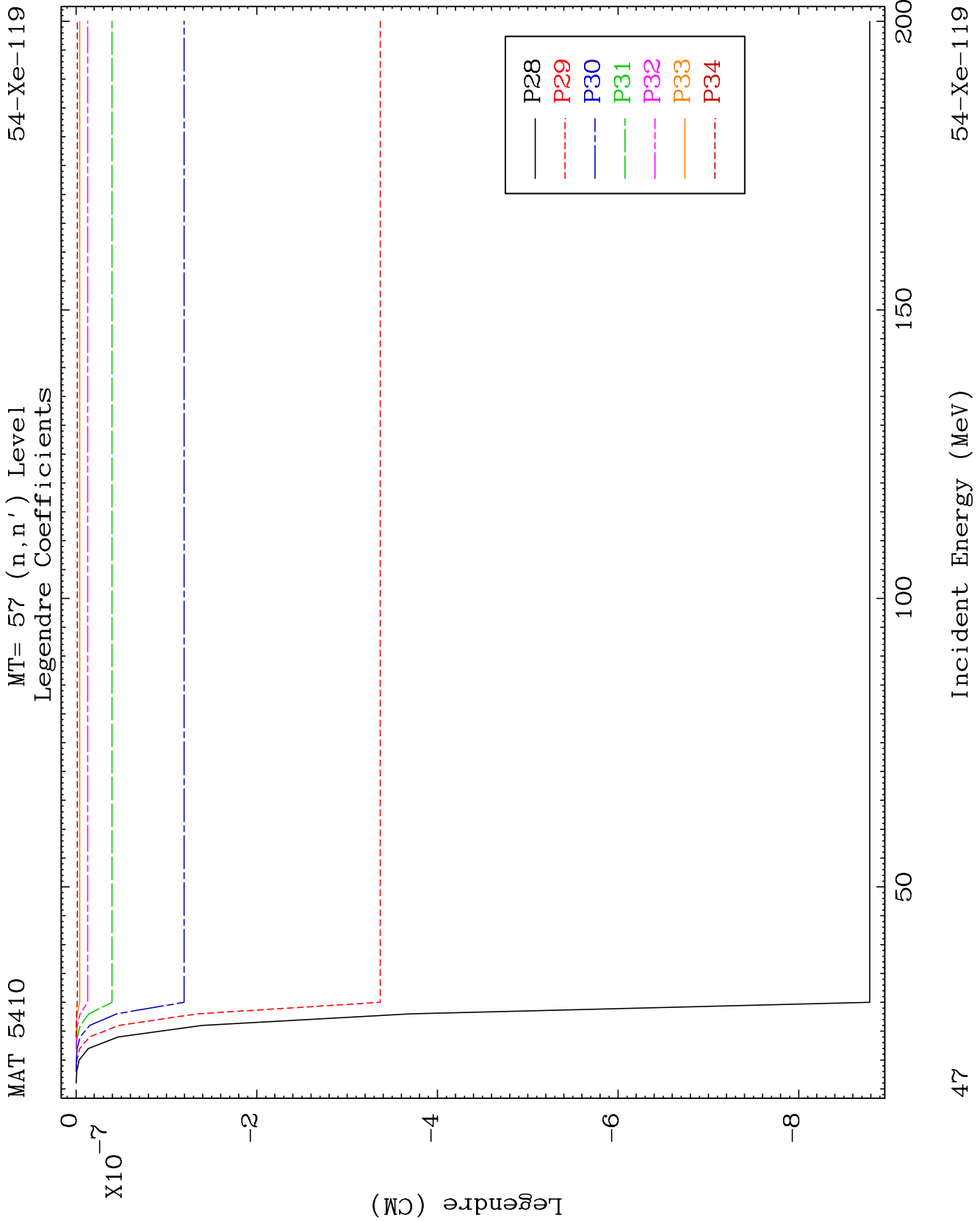
54-Xe-119



46

Incident Energy (MeV)

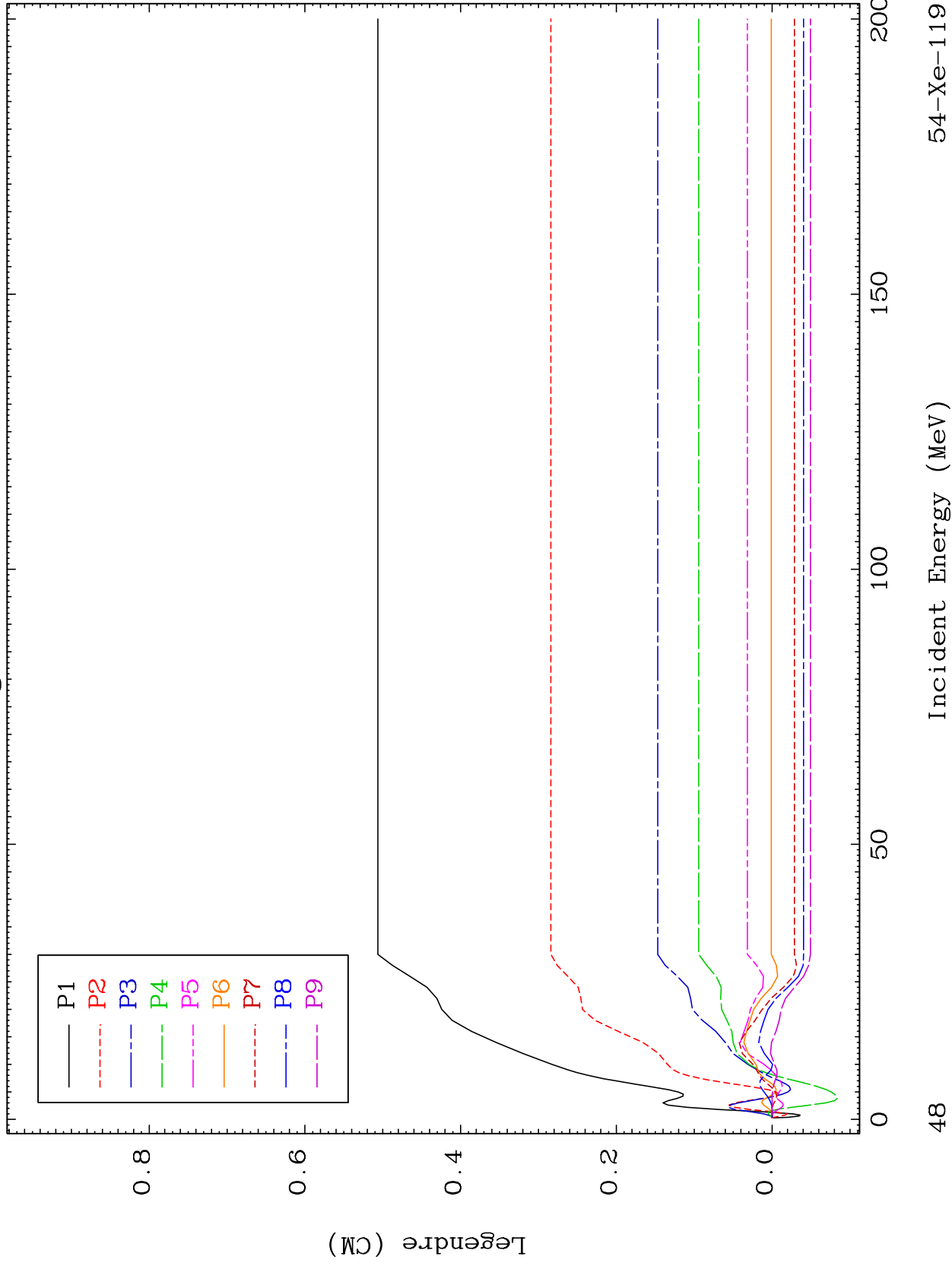
54-Xe-119



MAT 5410

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

54-Xe-119



54-Xe-119

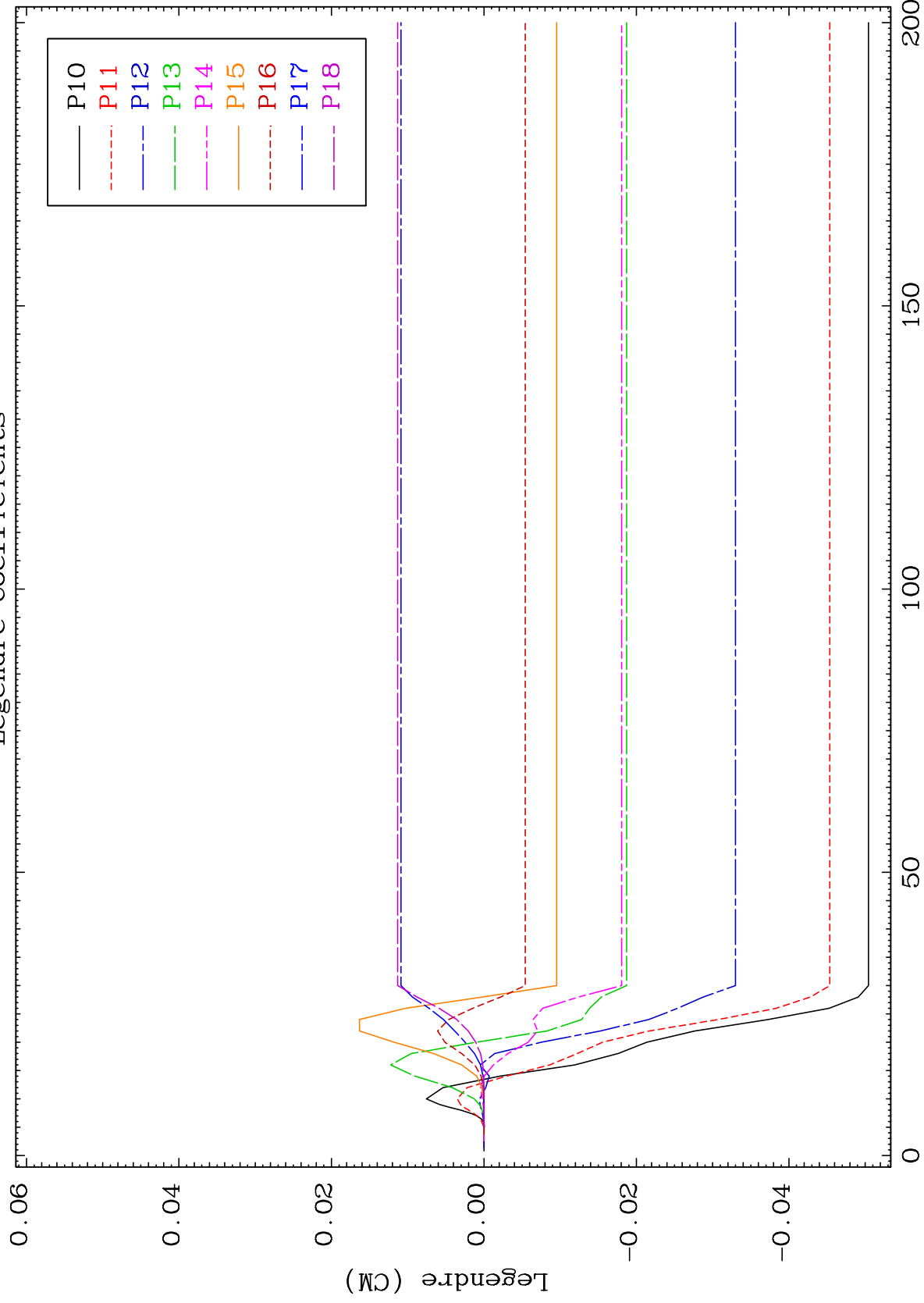
Incident Energy (MeV)

48

MAT 5410

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

54-Xe-119



49

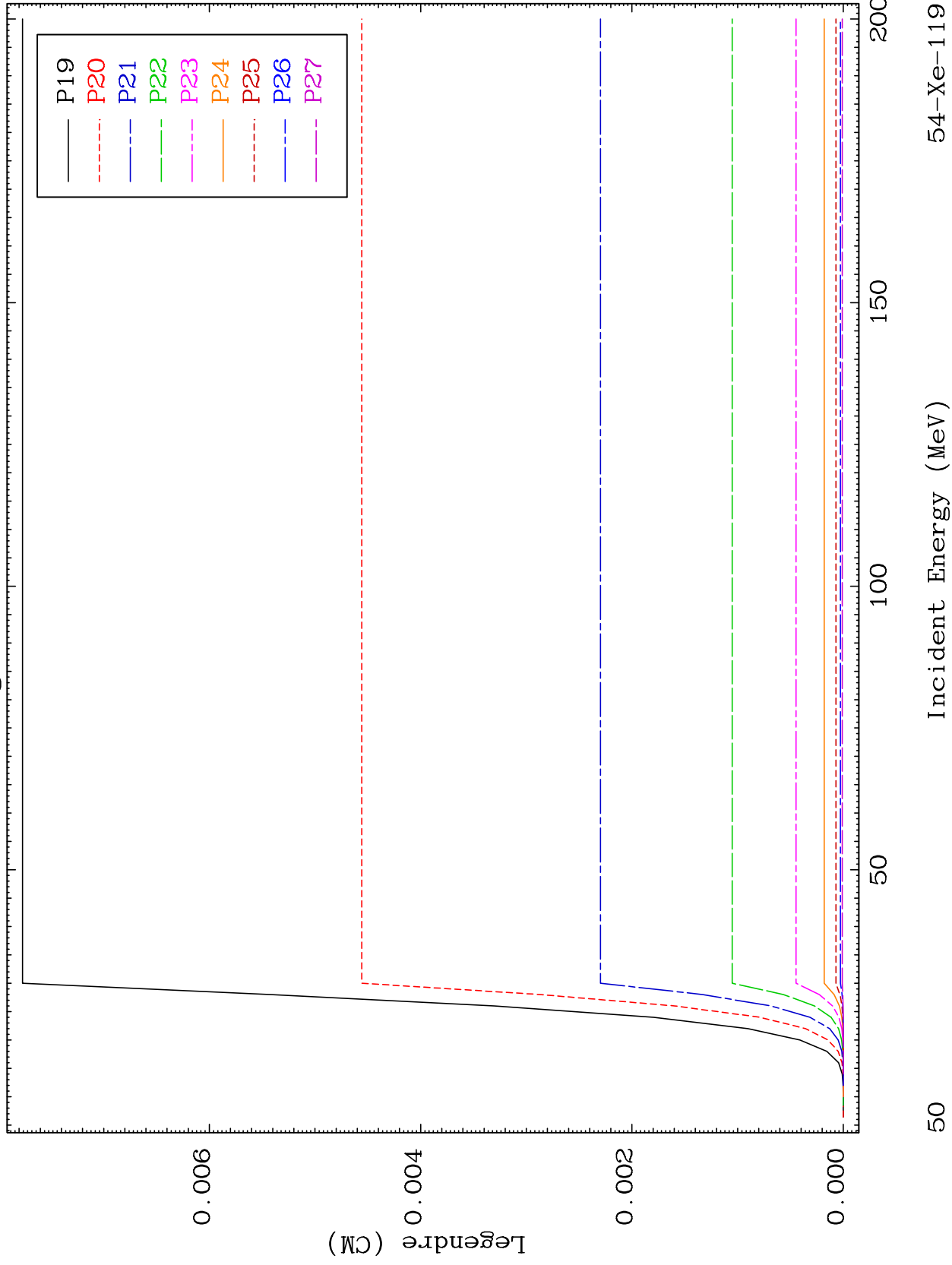
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119



54-Xe-119

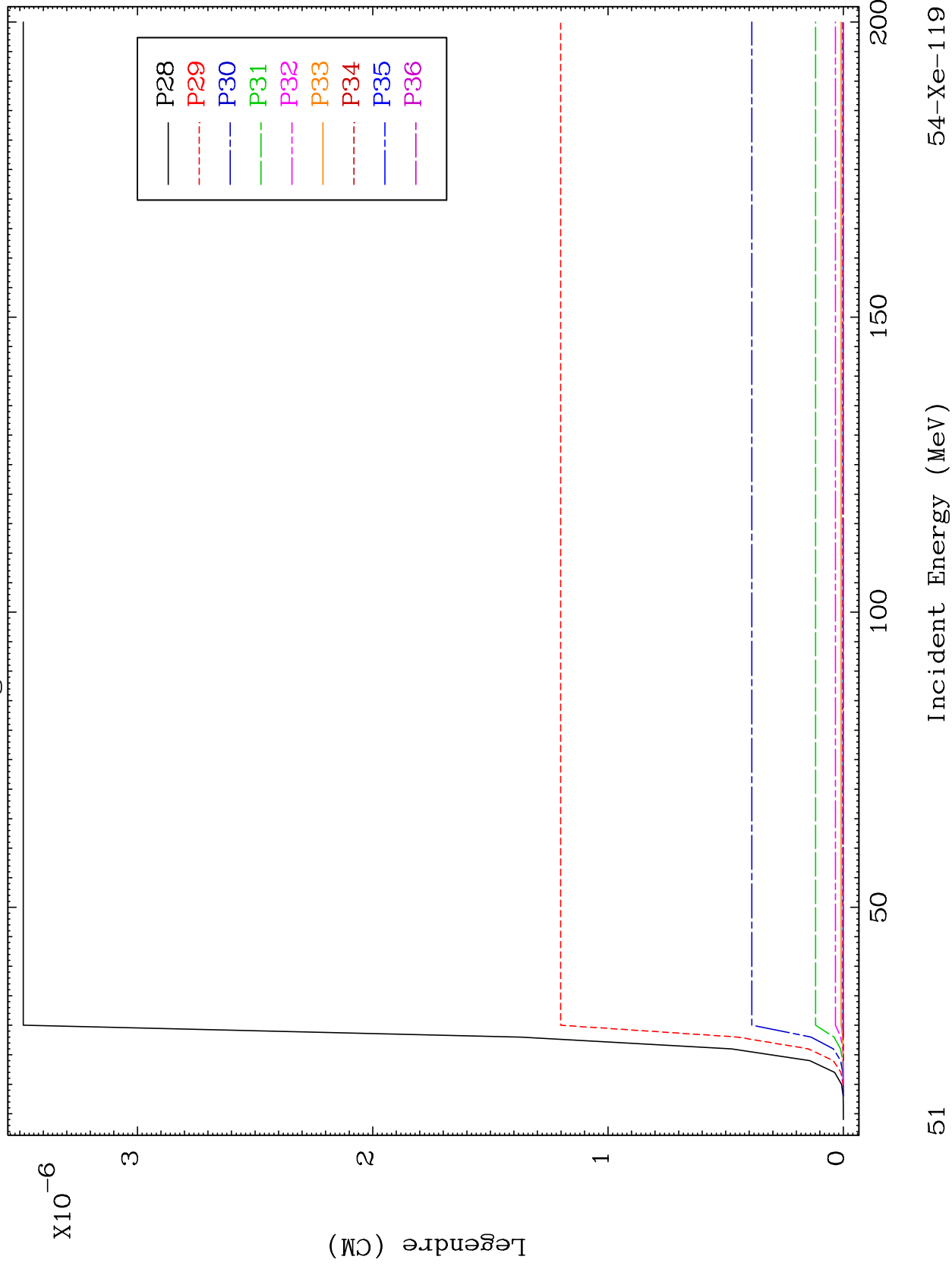
Incident Energy (MeV)

50

MAT 5410

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

54-Xe-119



51

Incident Energy (MeV)

54-Xe-119

200

150

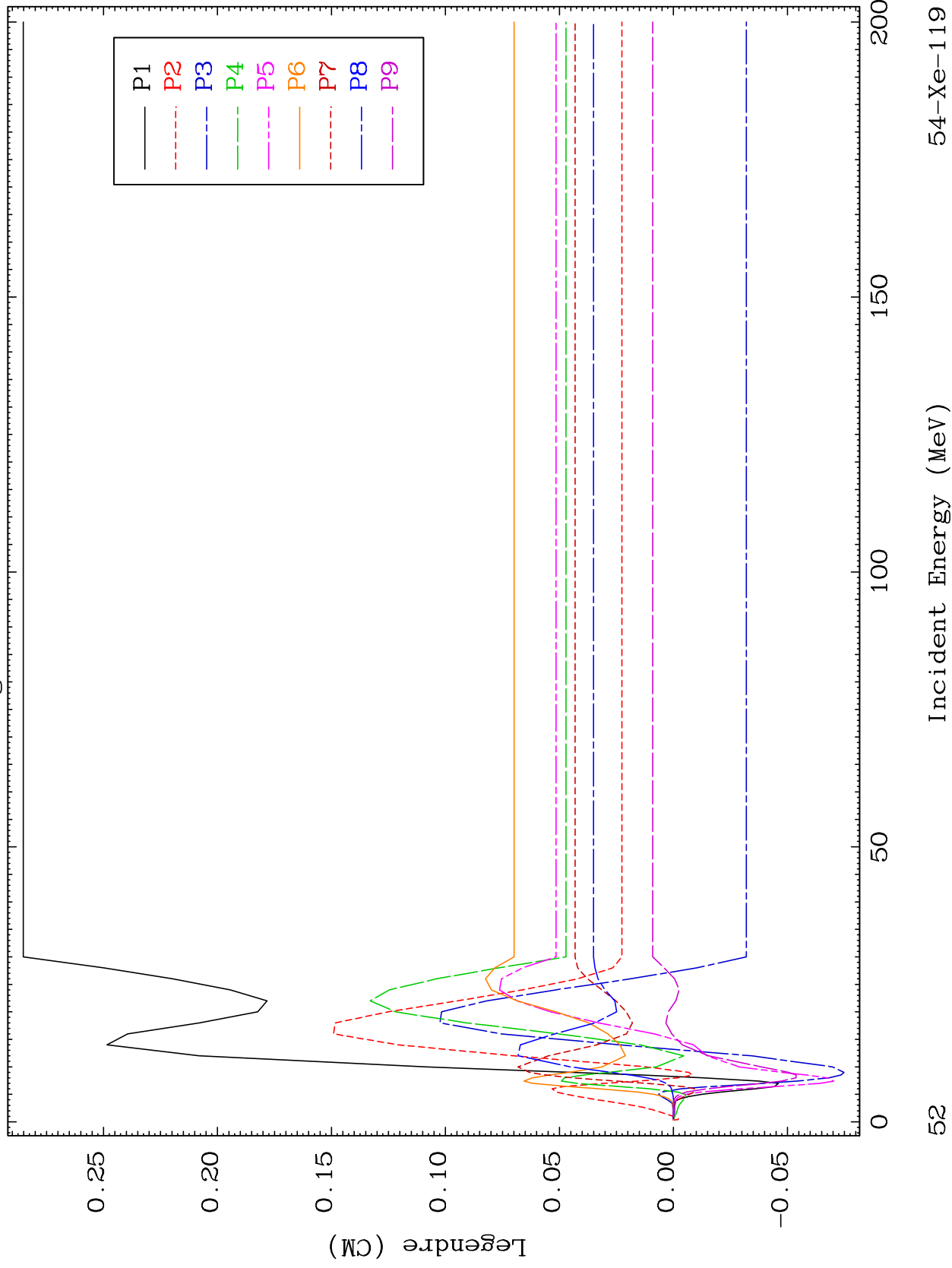
100

50

MAT 5410

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

54-Xe-119



54-Xe-119

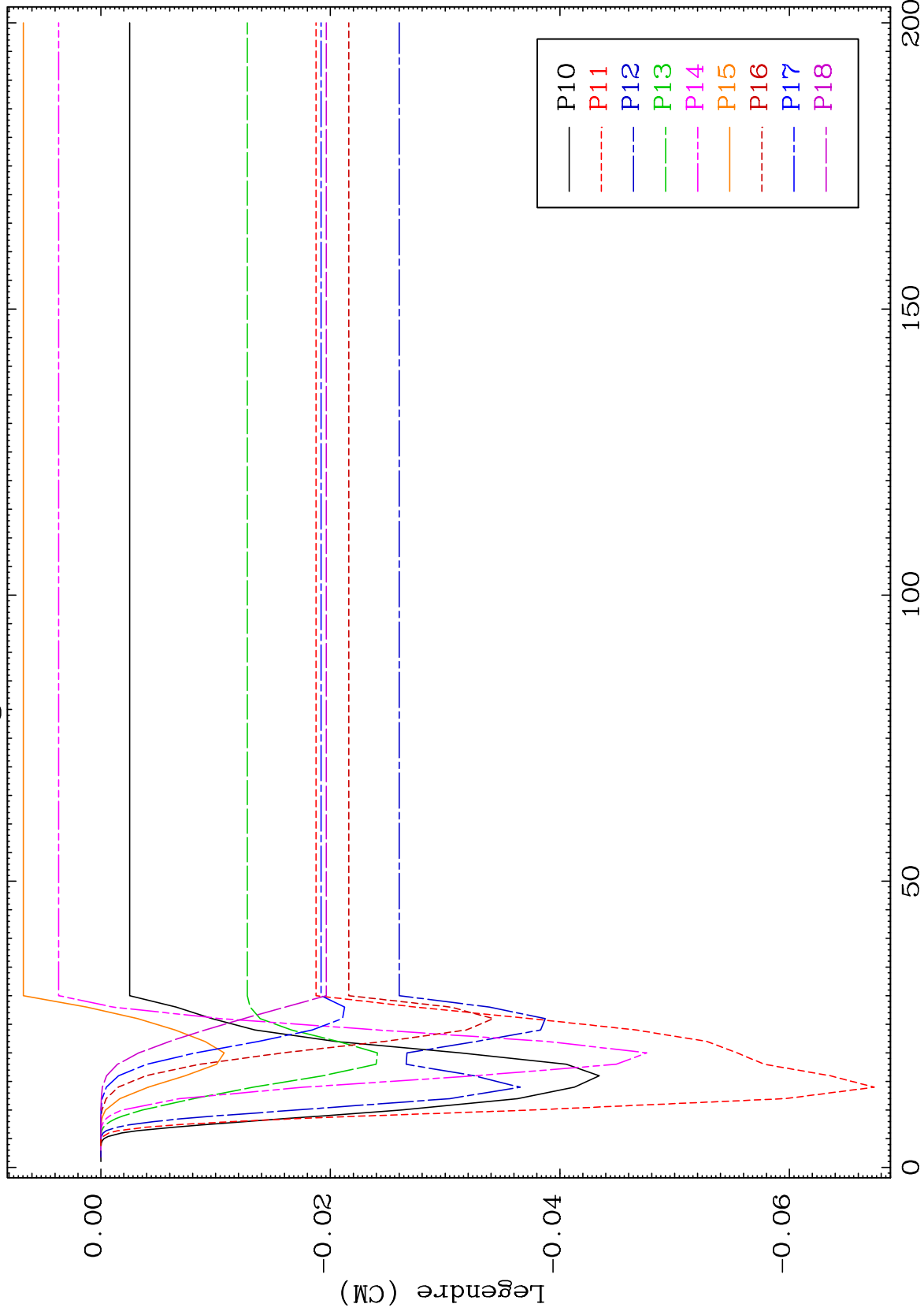
Incident Energy (MeV)

52

MAT 5410

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

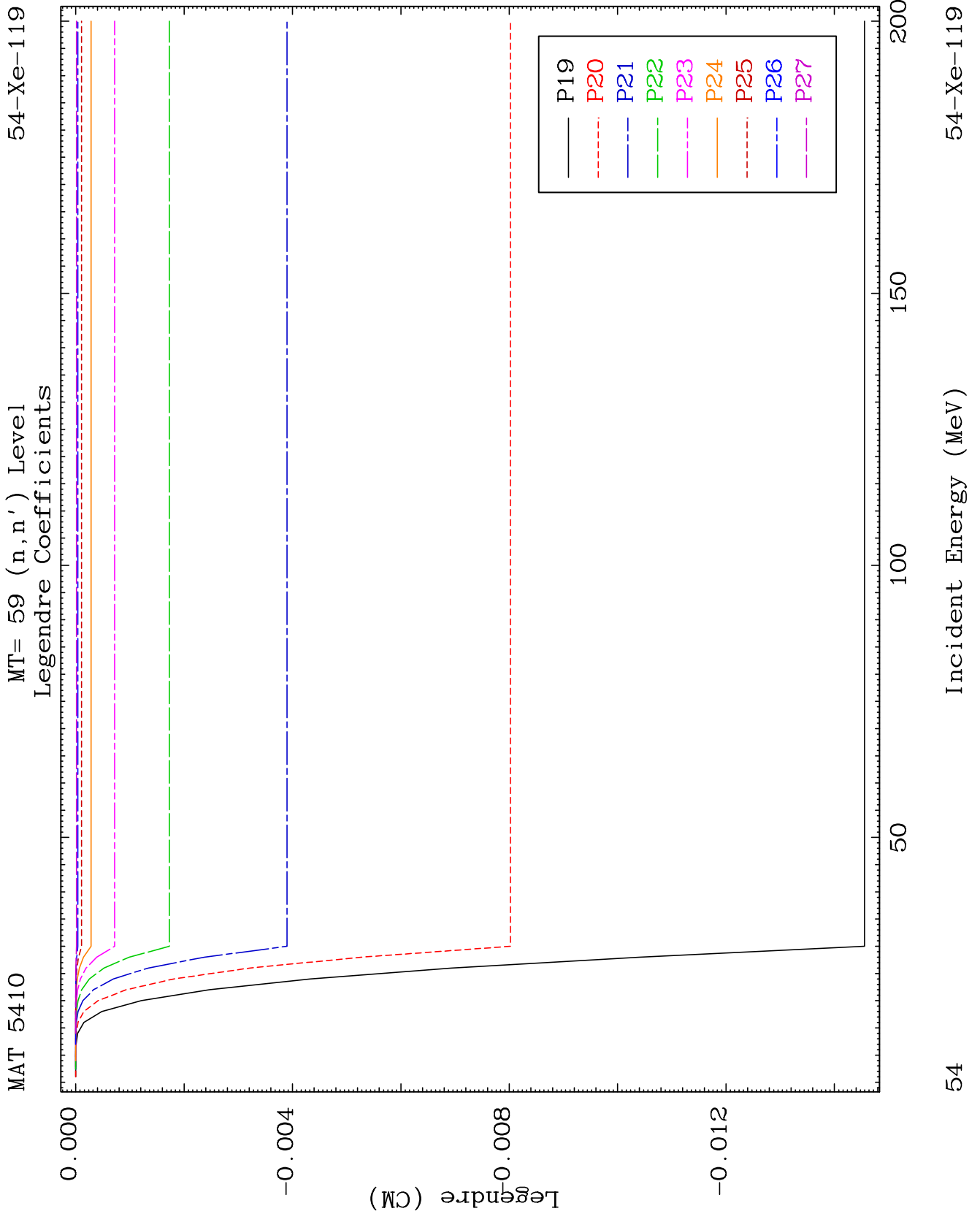
54-Xe-119

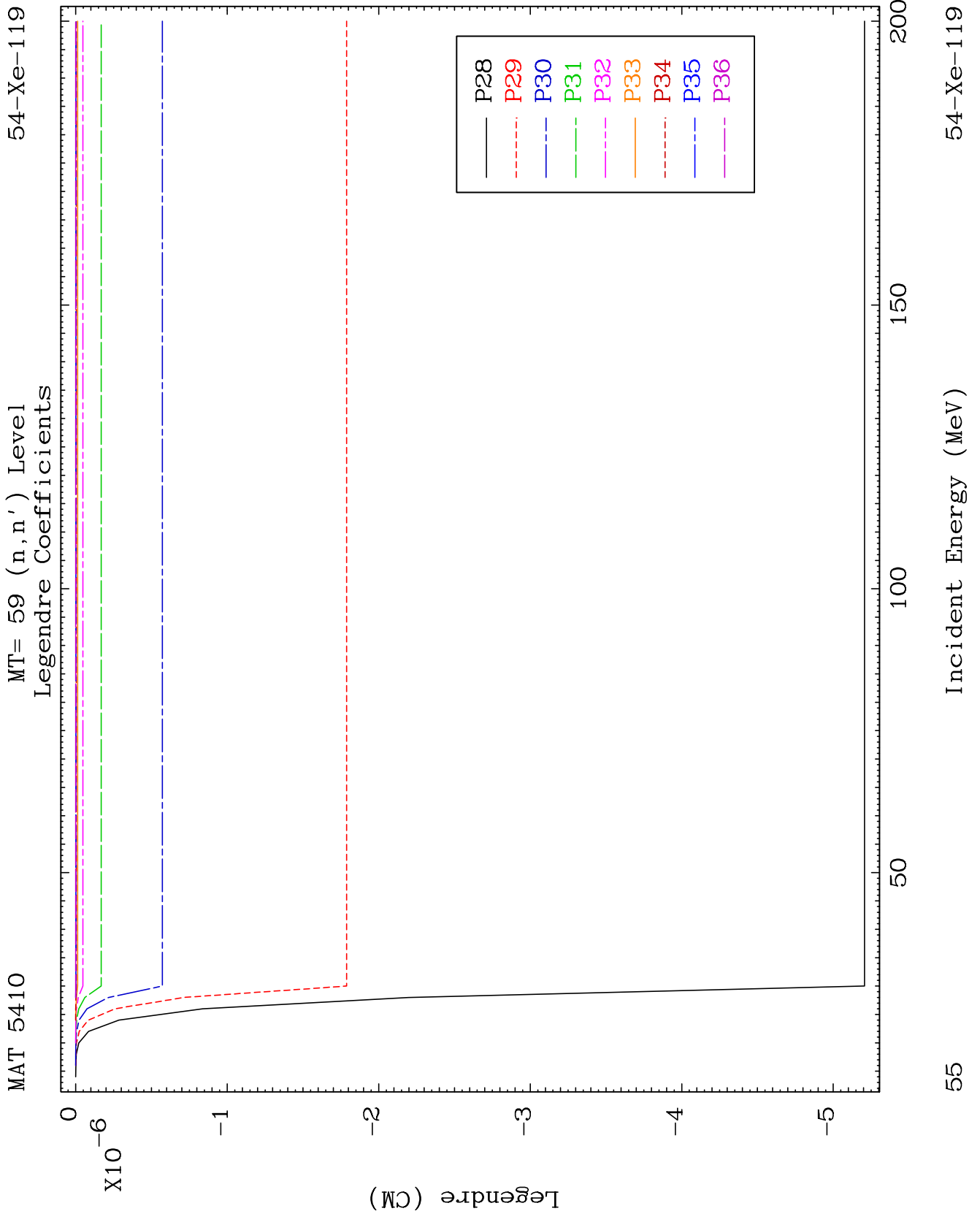


53

Incident Energy (MeV)

54-Xe-119

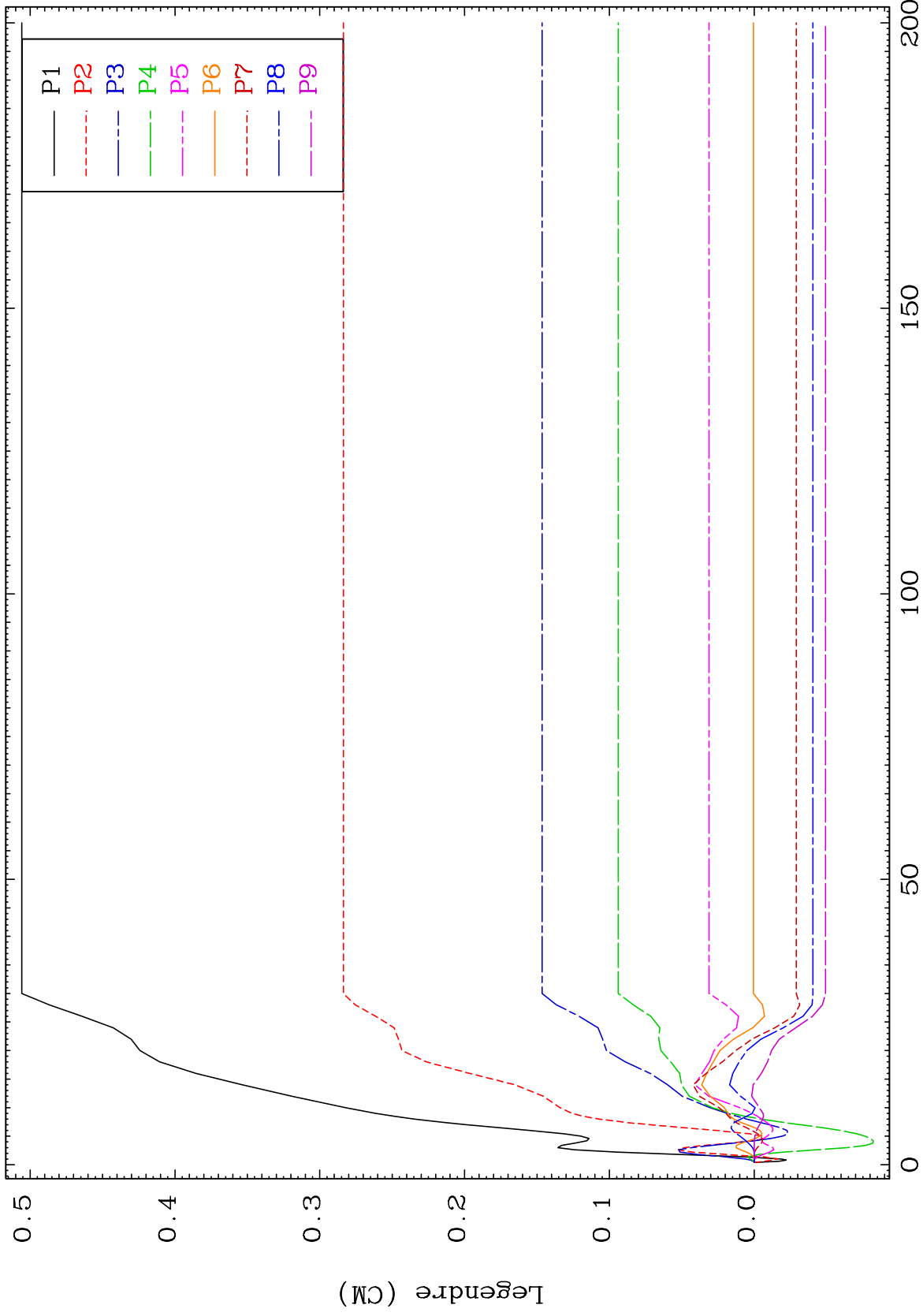




MAT 5410

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

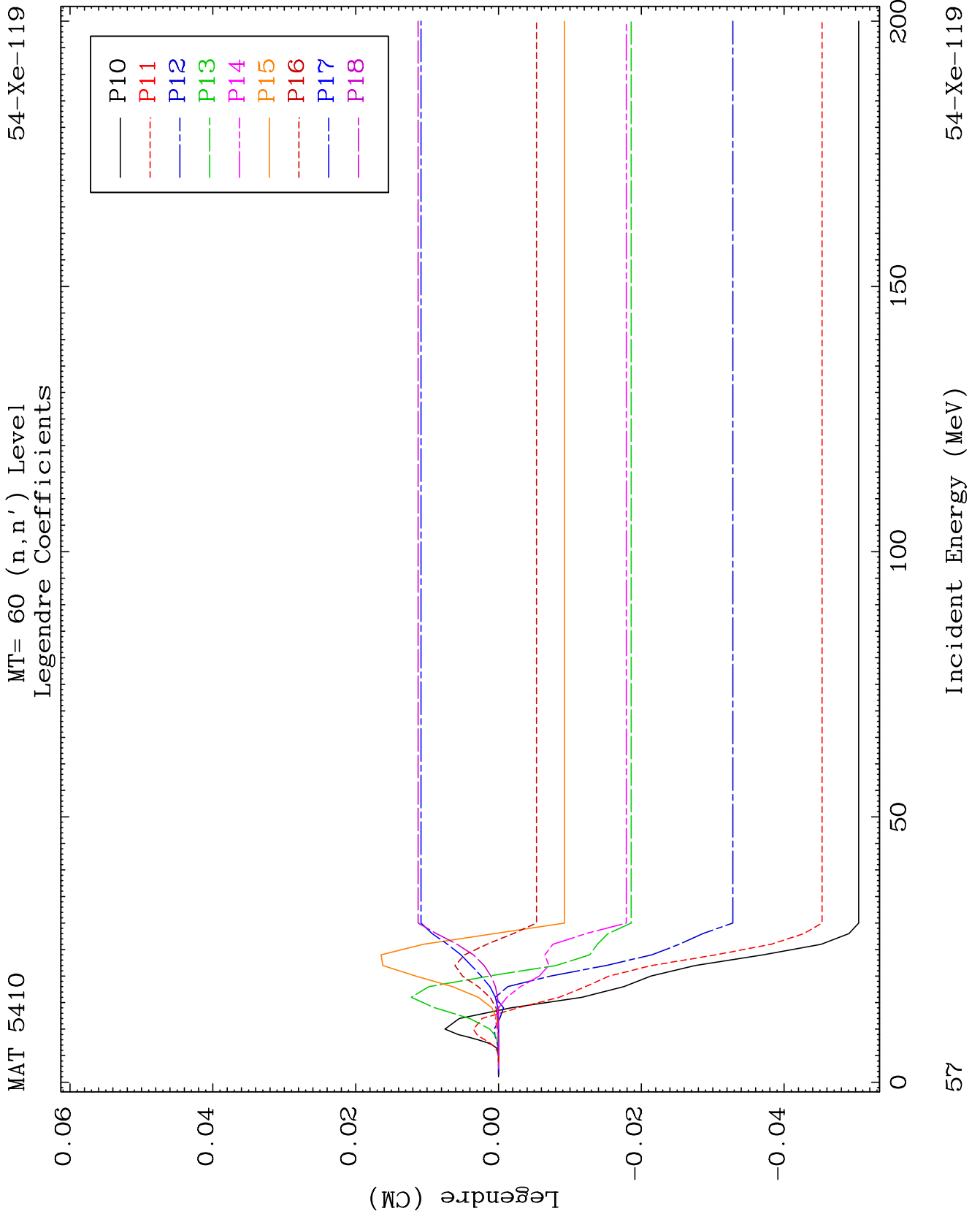
54-Xe-119



54-Xe-119

Incident Energy (MeV)

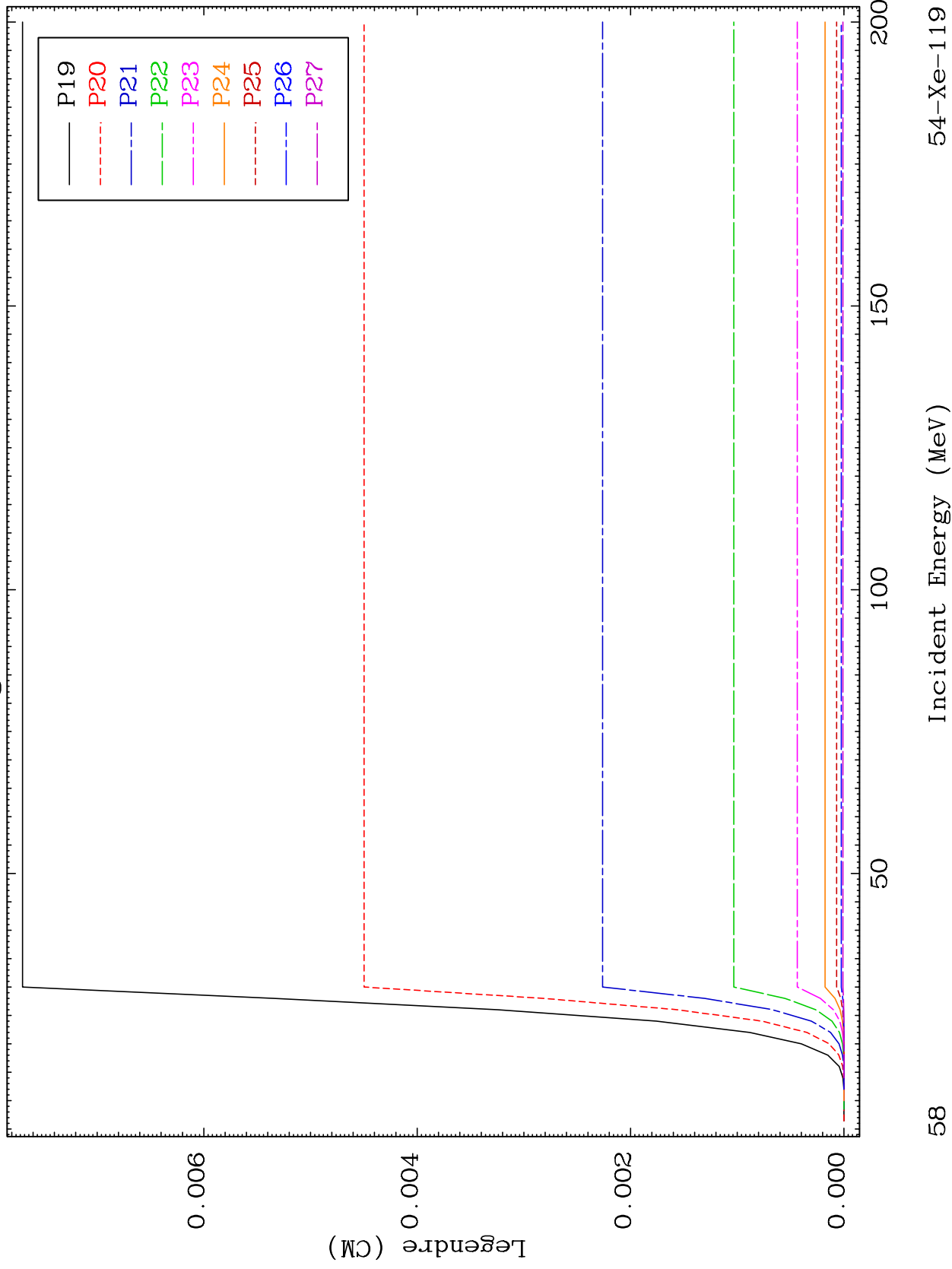
56



MAT 5410

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

54-Xe-119



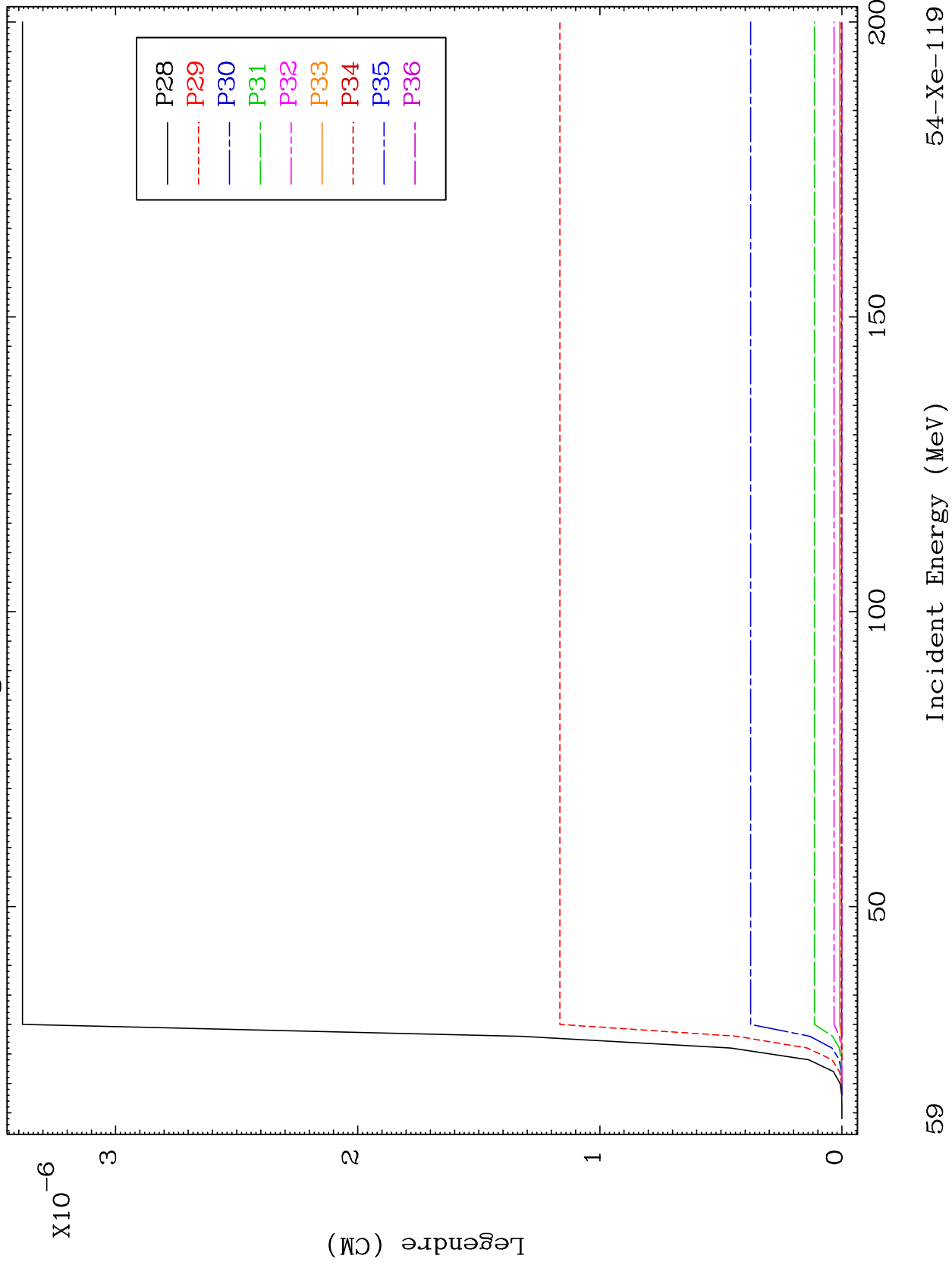
58

54-Xe-119

MAT 5410

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

54-Xe-119



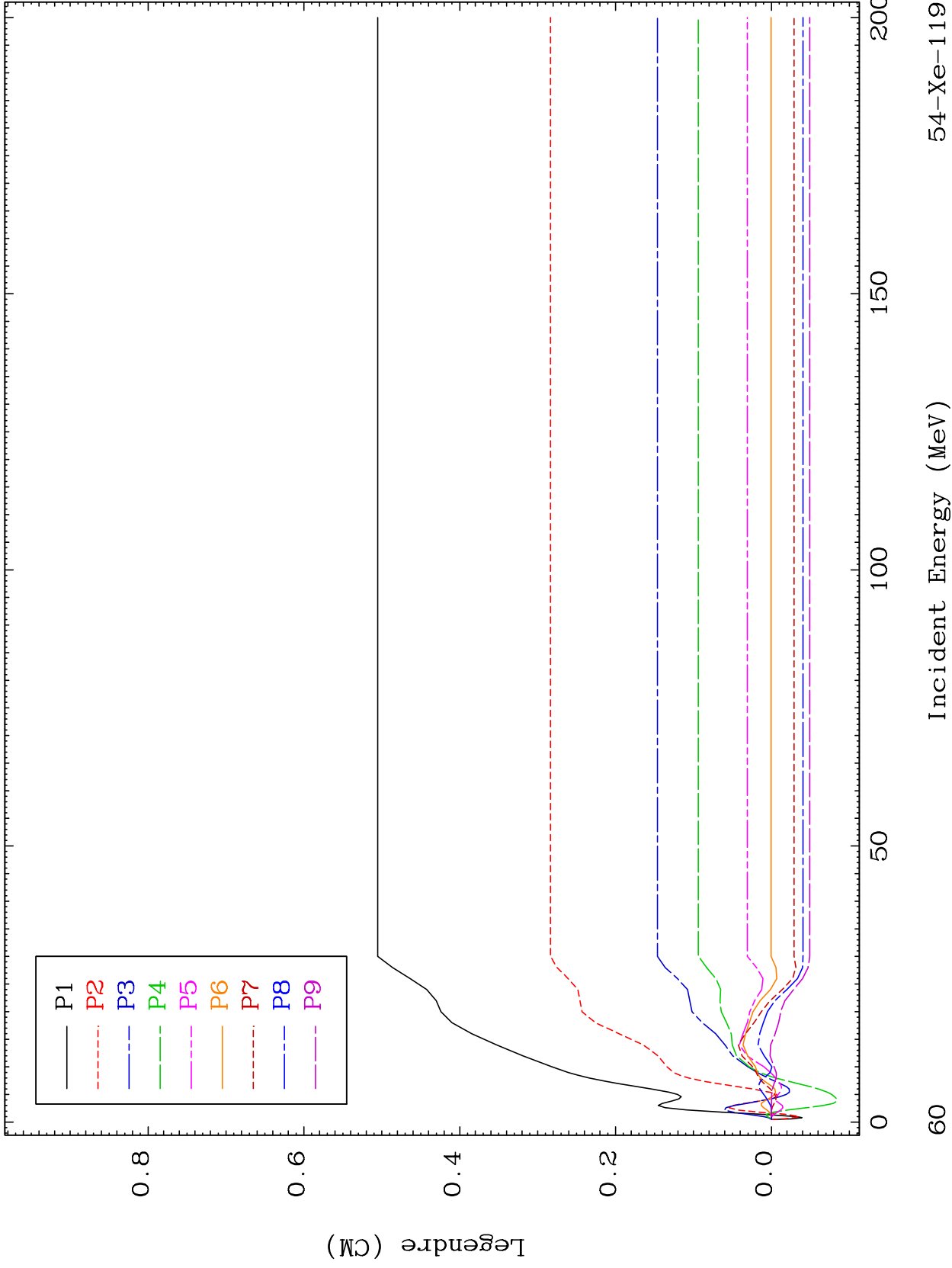
59

54-Xe-119

MAT 5410

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

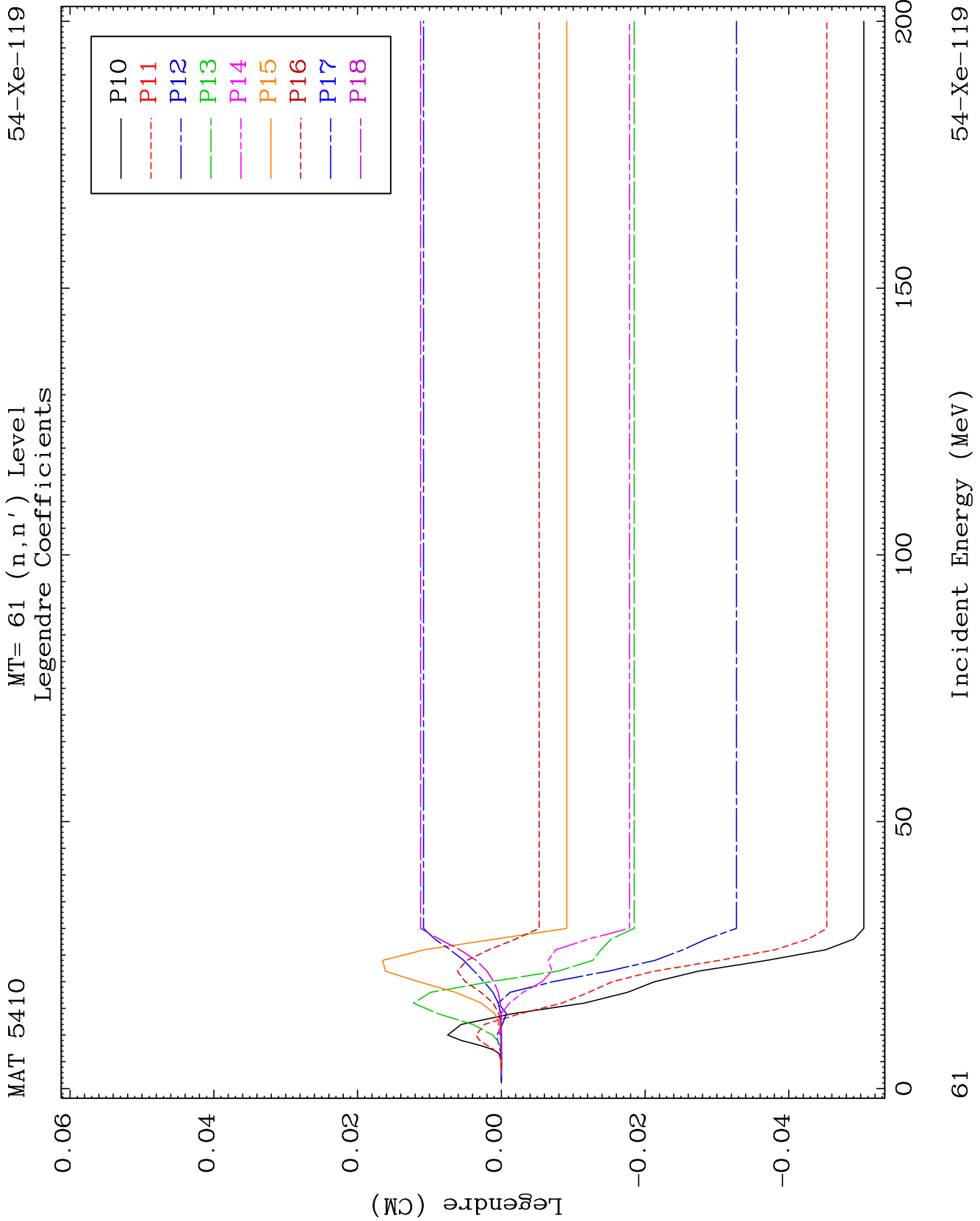
54-Xe-119



54-Xe-119

Incident Energy (MeV)

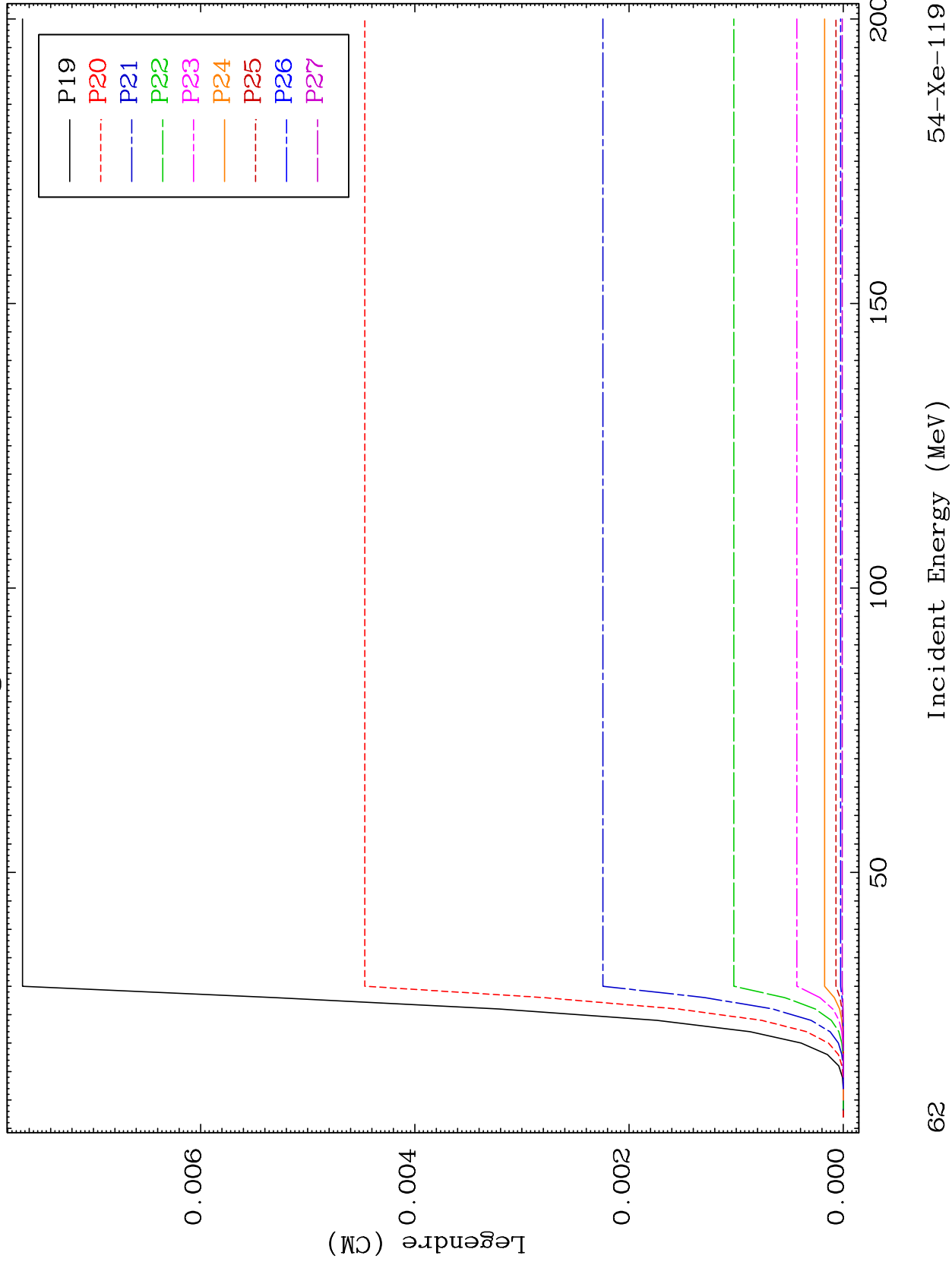
60



MAT 5410

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

54-Xe-119



62

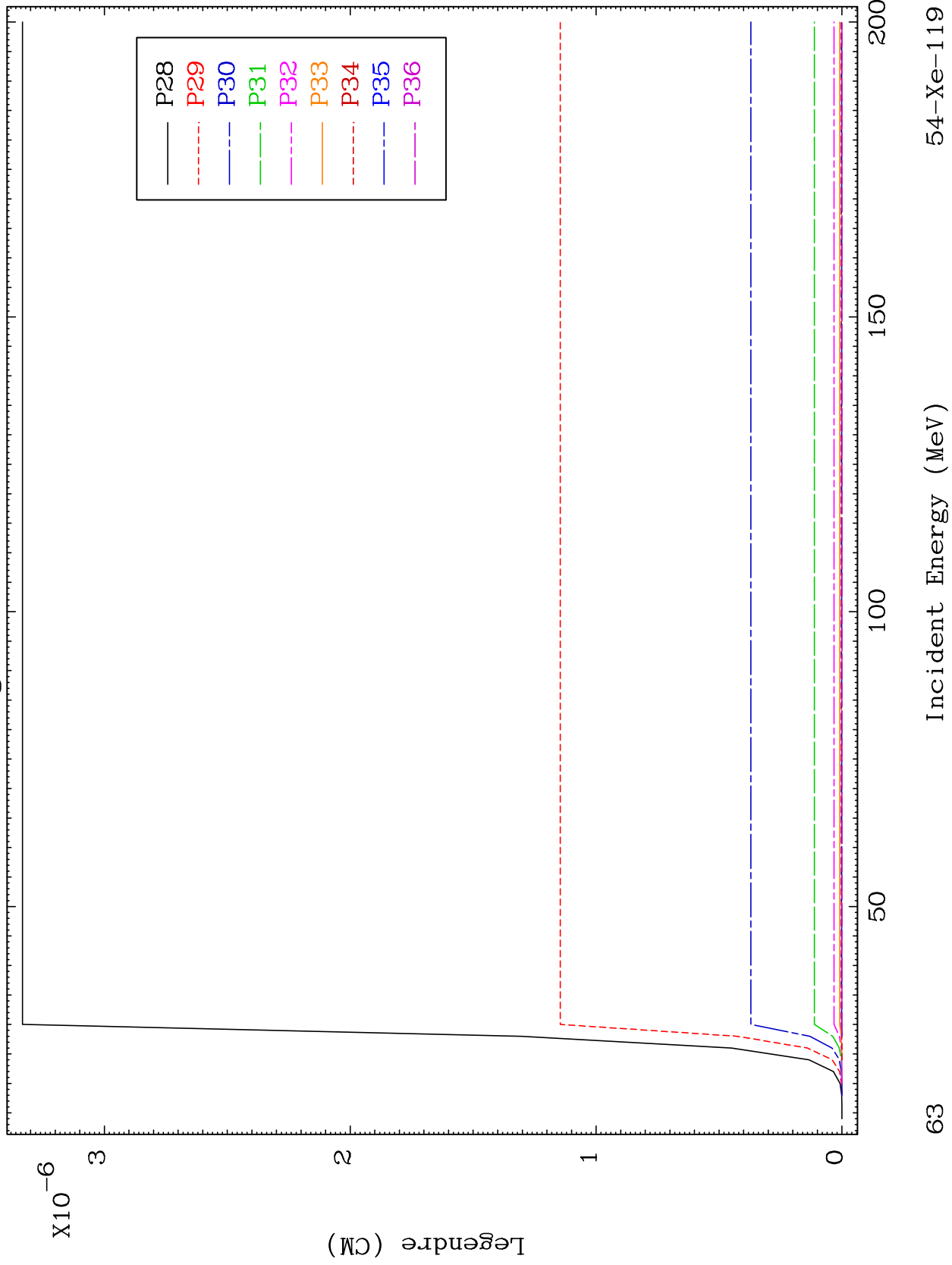
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

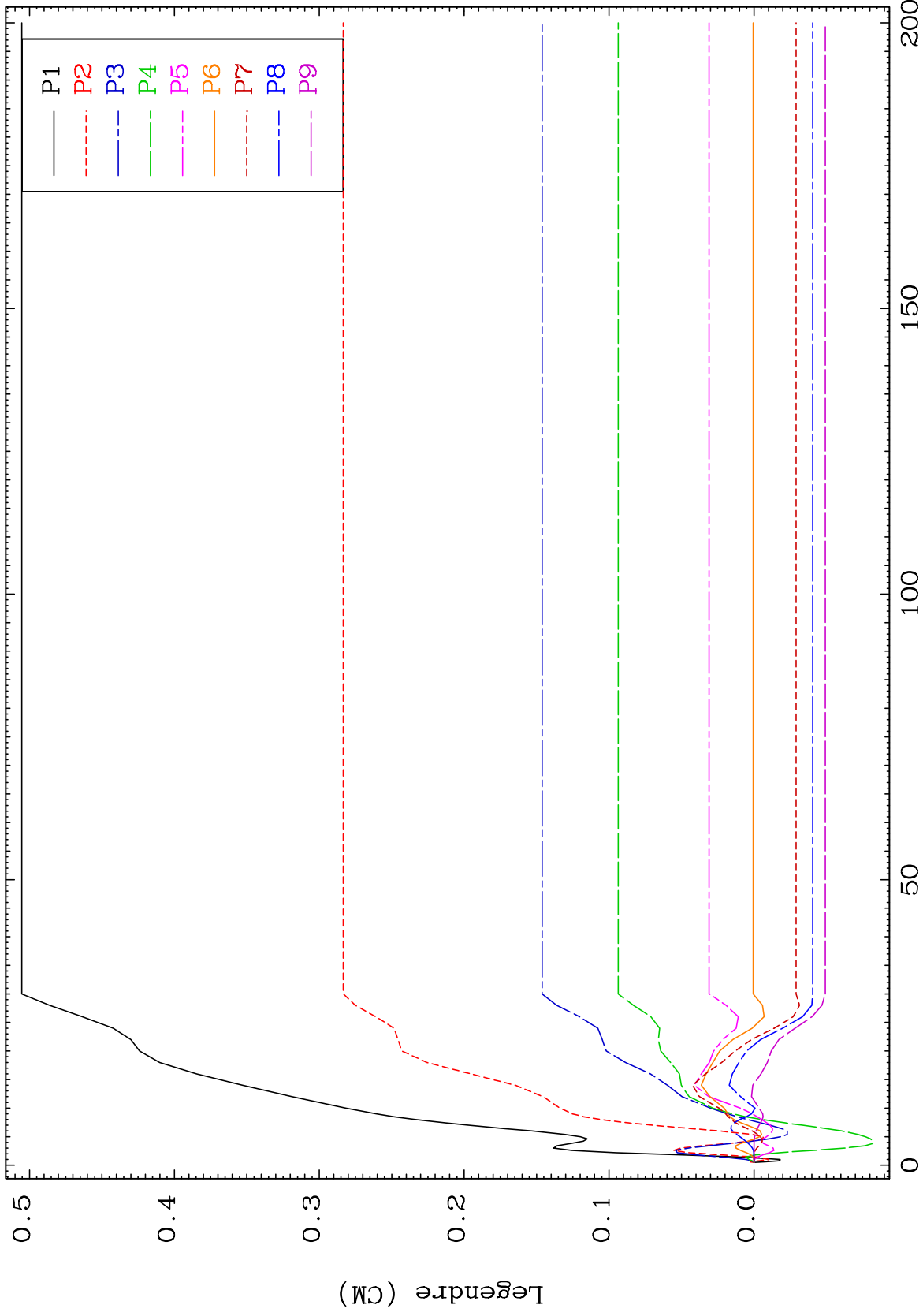
54-Xe-119



MAT 5410

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

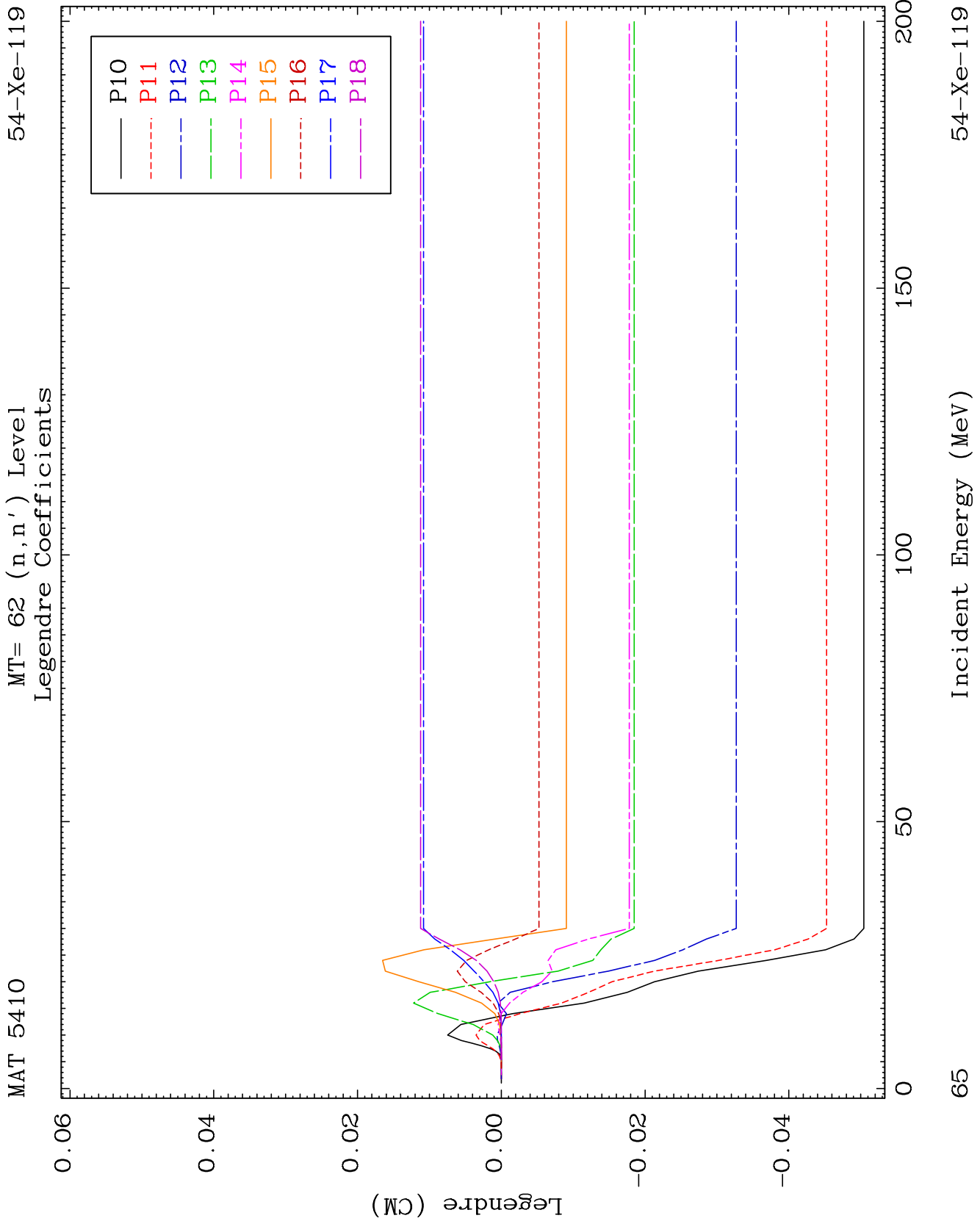
54-Xe-119



64

Incident Energy (MeV)

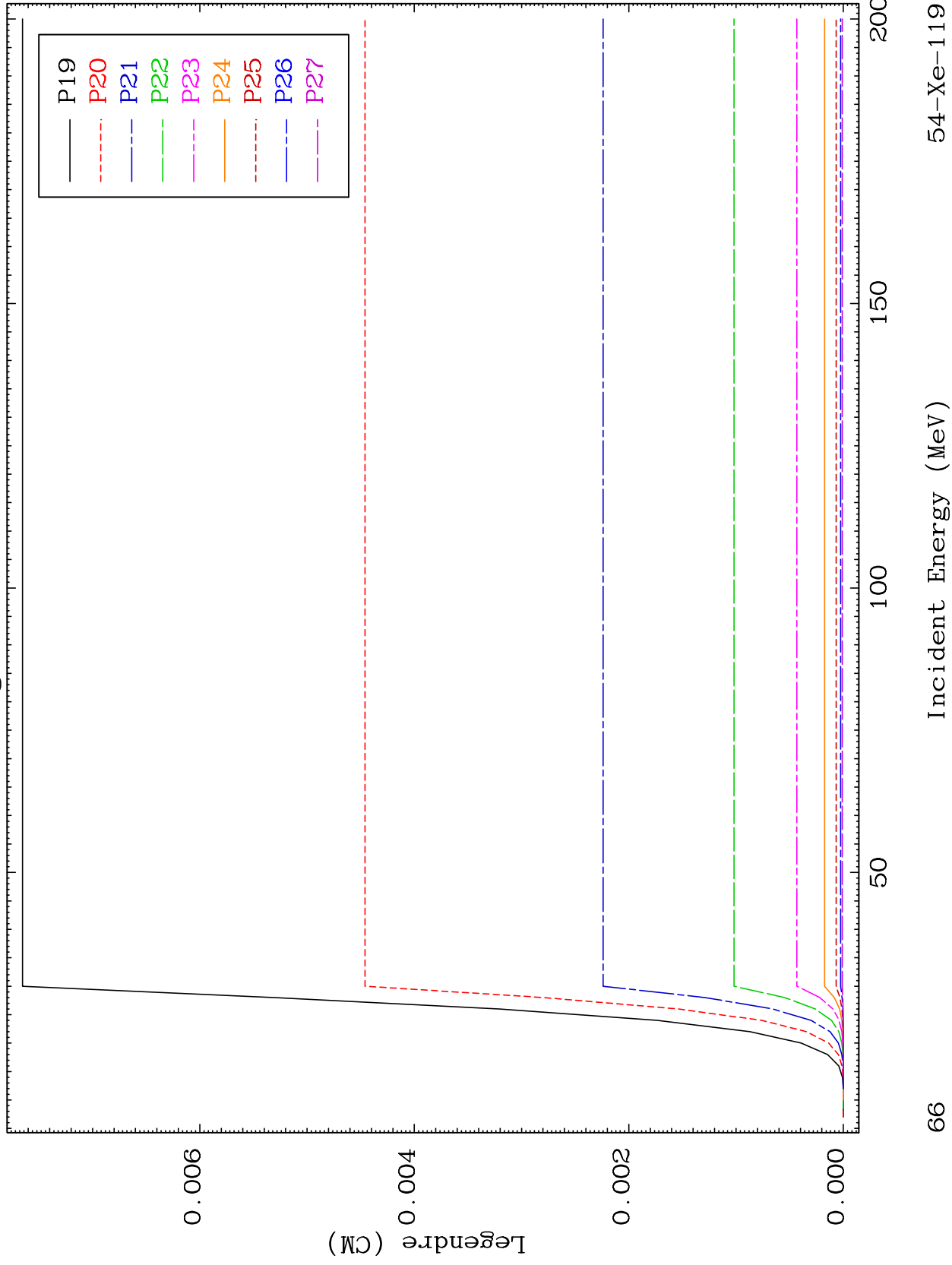
54-Xe-119



MAT 5410

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

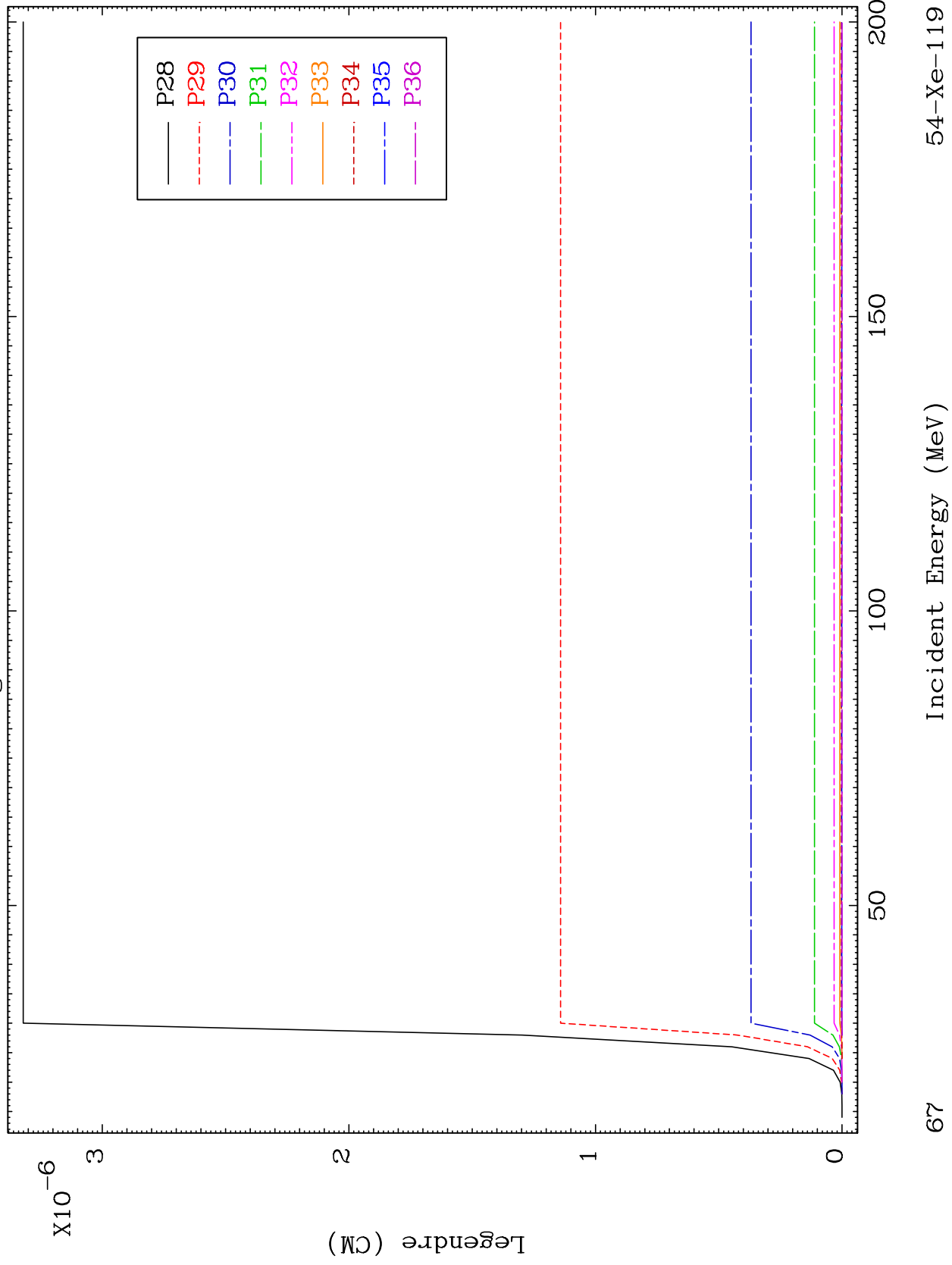
54-Xe-119



MAT 5410

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

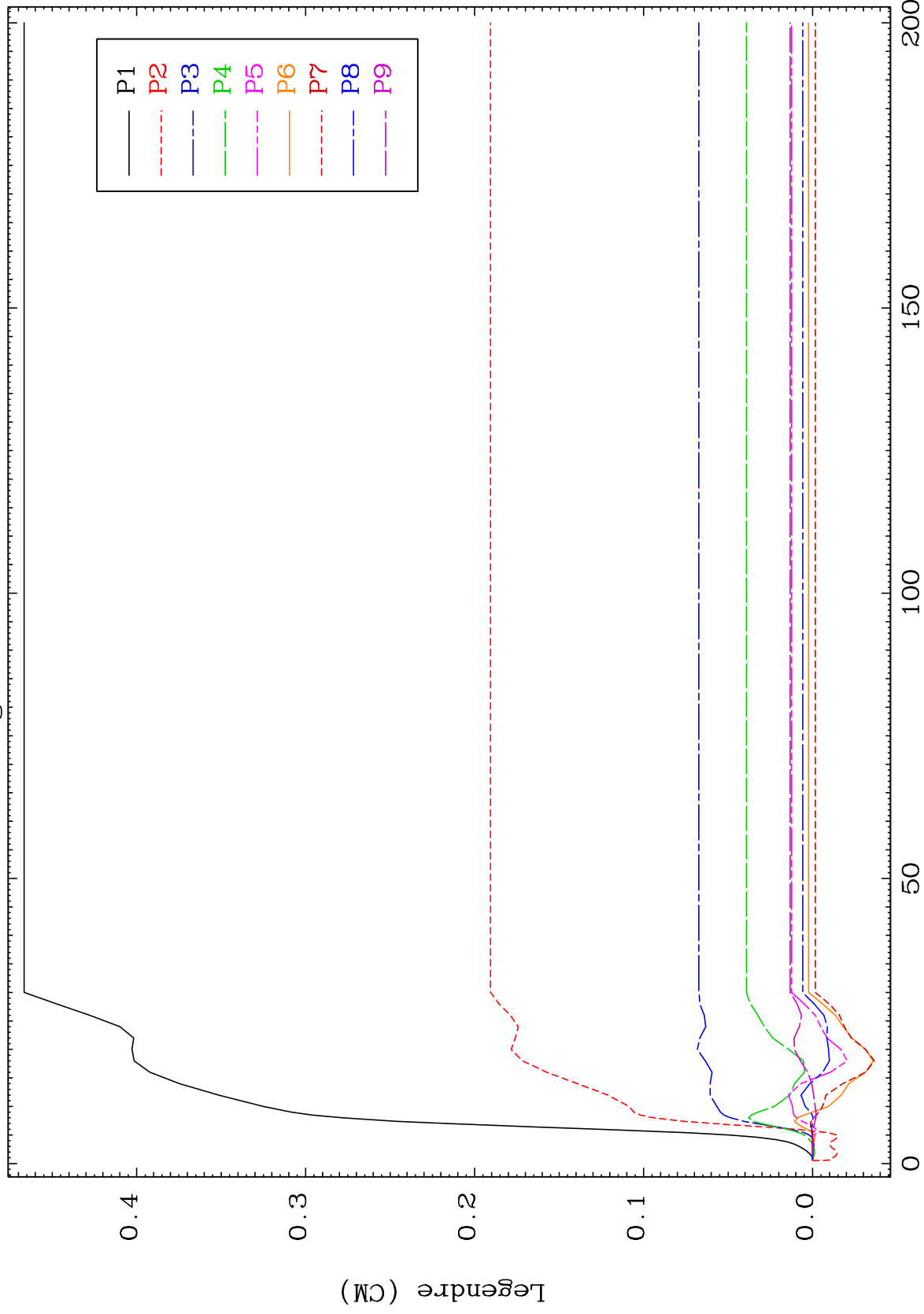
54-Xe-119



MAT 5410

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

54-Xe-119



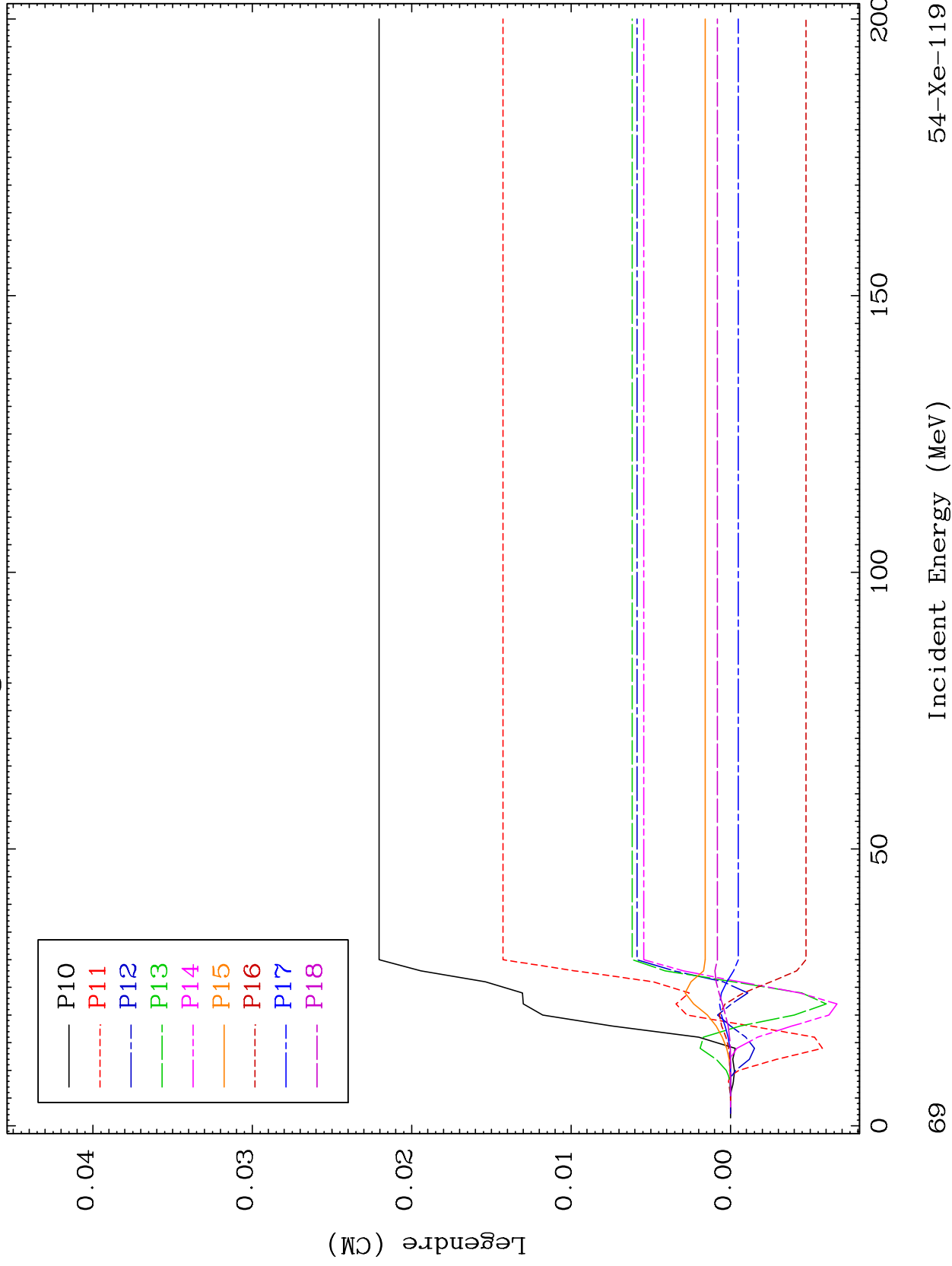
68

54-Xe-119

MAT 5410

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

54-Xe-119



54-Xe-119

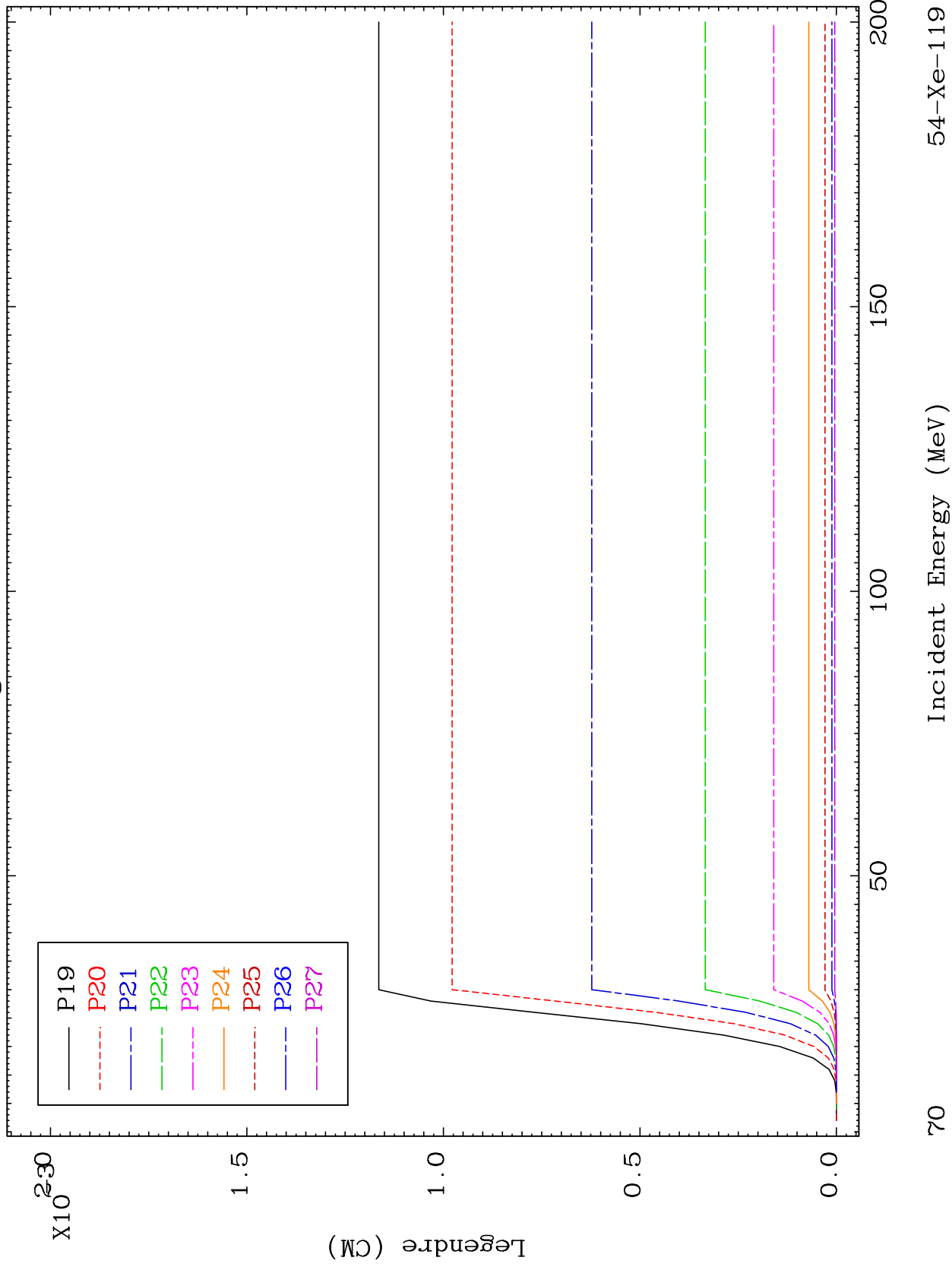
Incident Energy (MeV)

69

MAT 5410

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

54-Xe-119



70

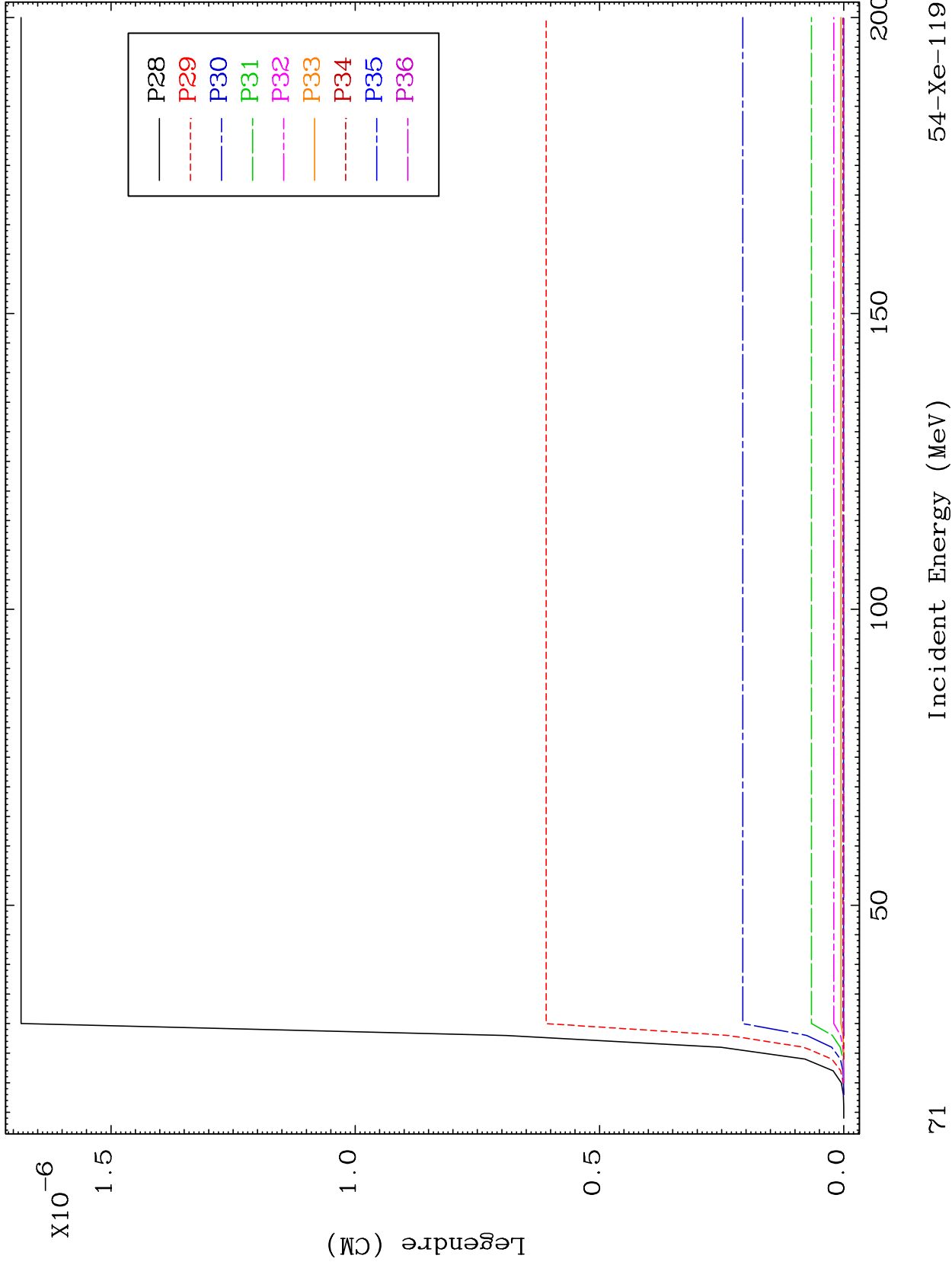
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

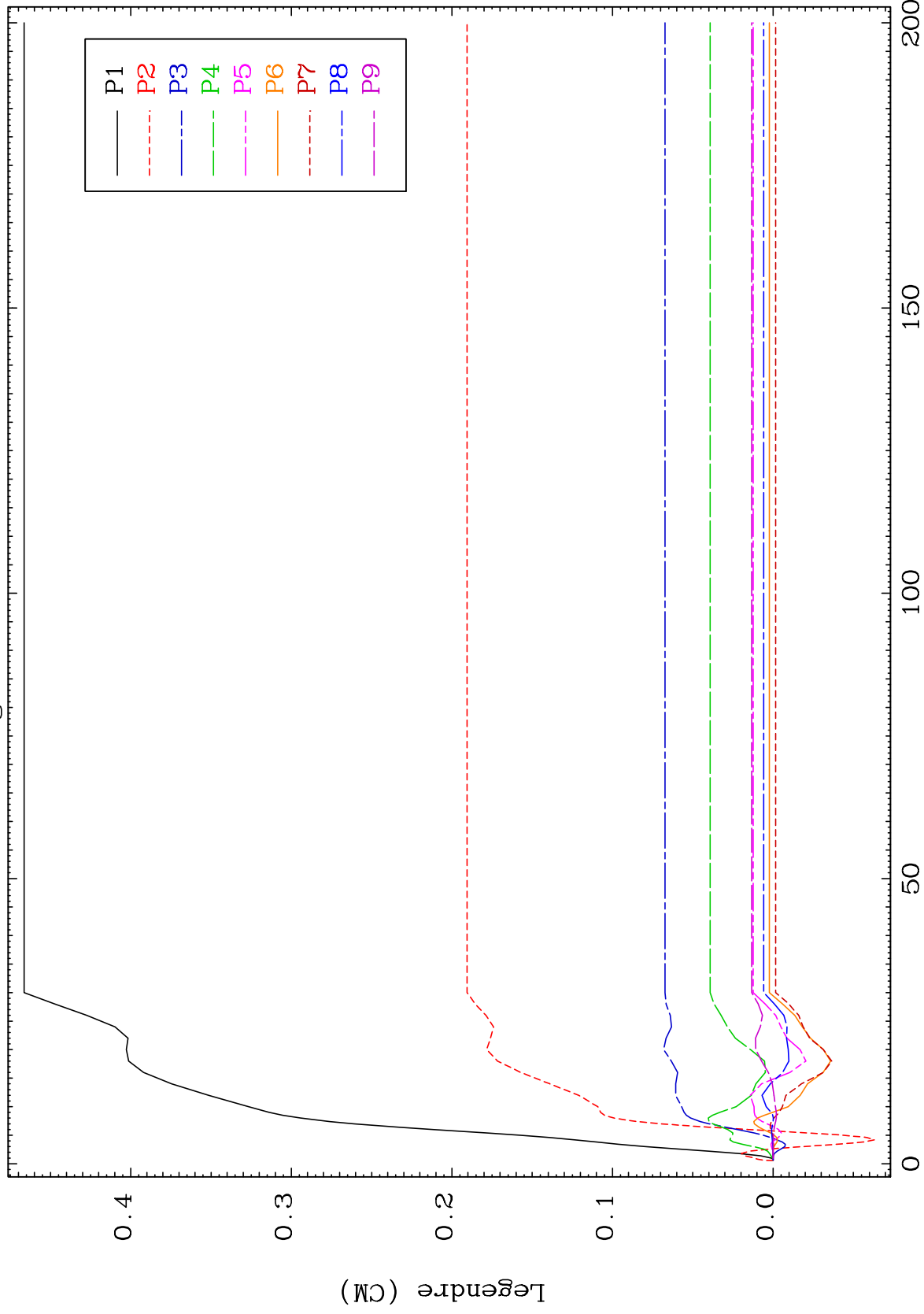
54-Xe-119



MAT 5410

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

54-Xe-119



72

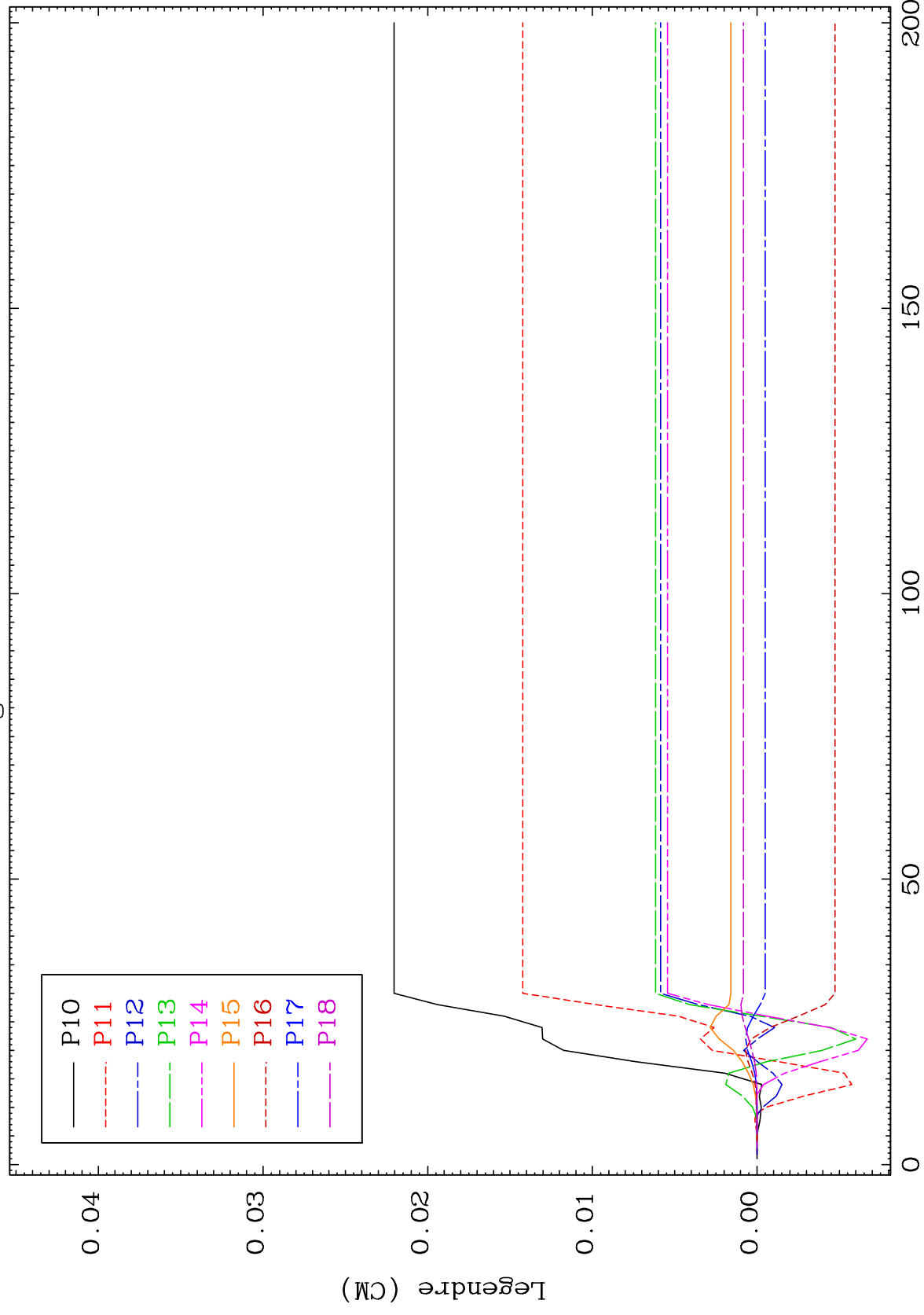
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119



73

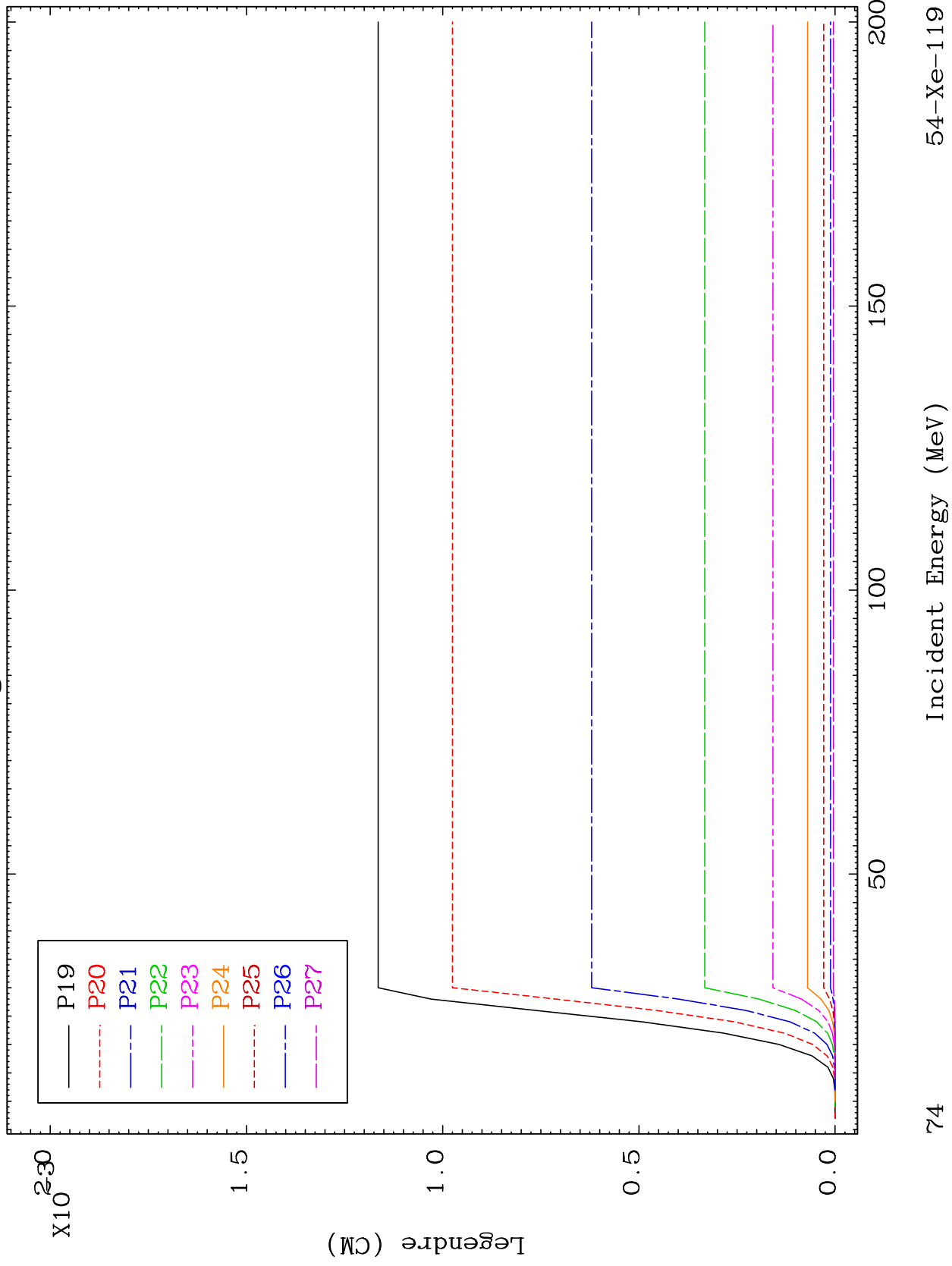
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

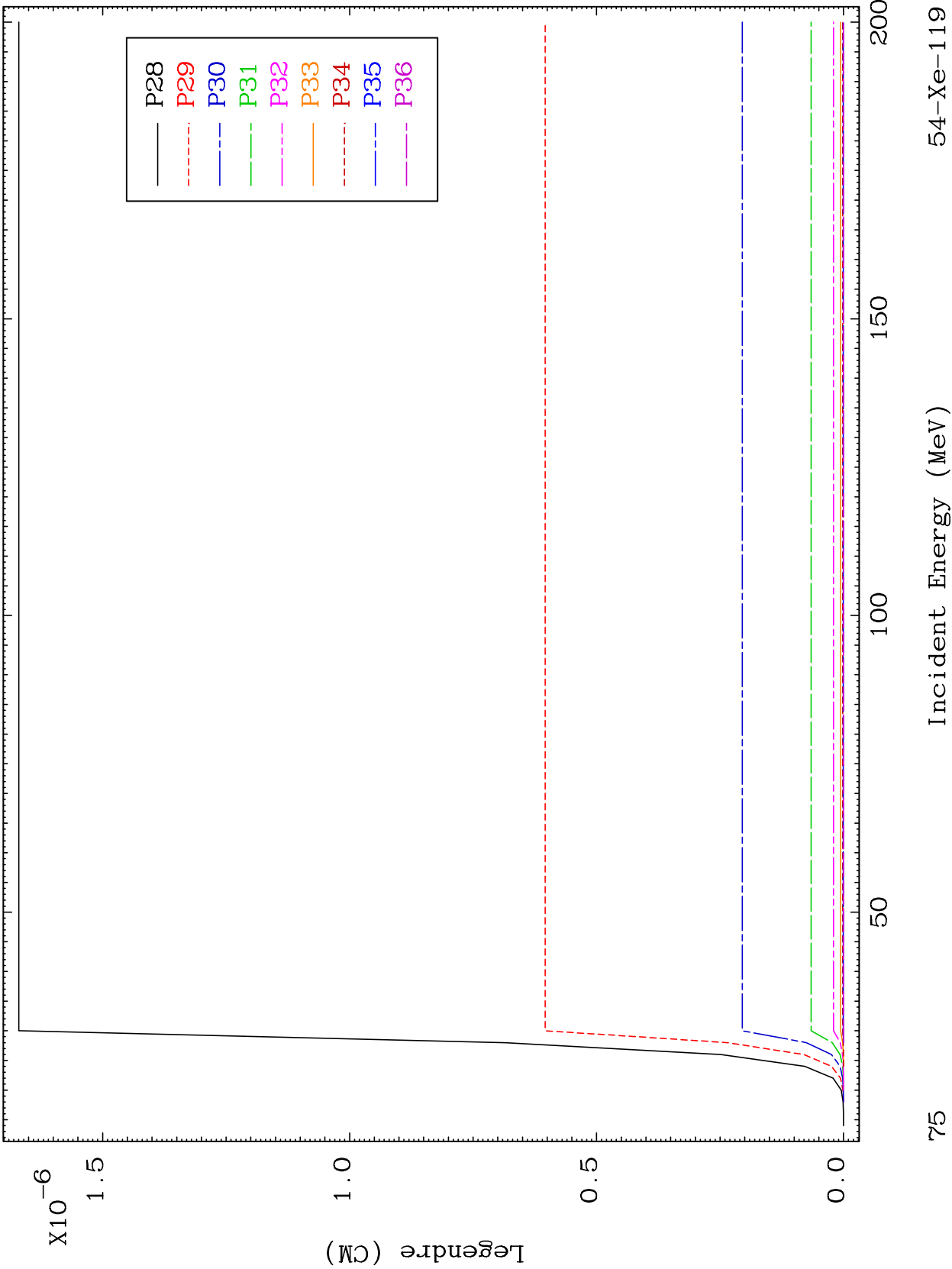
54-Xe-119



MAT 5410

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

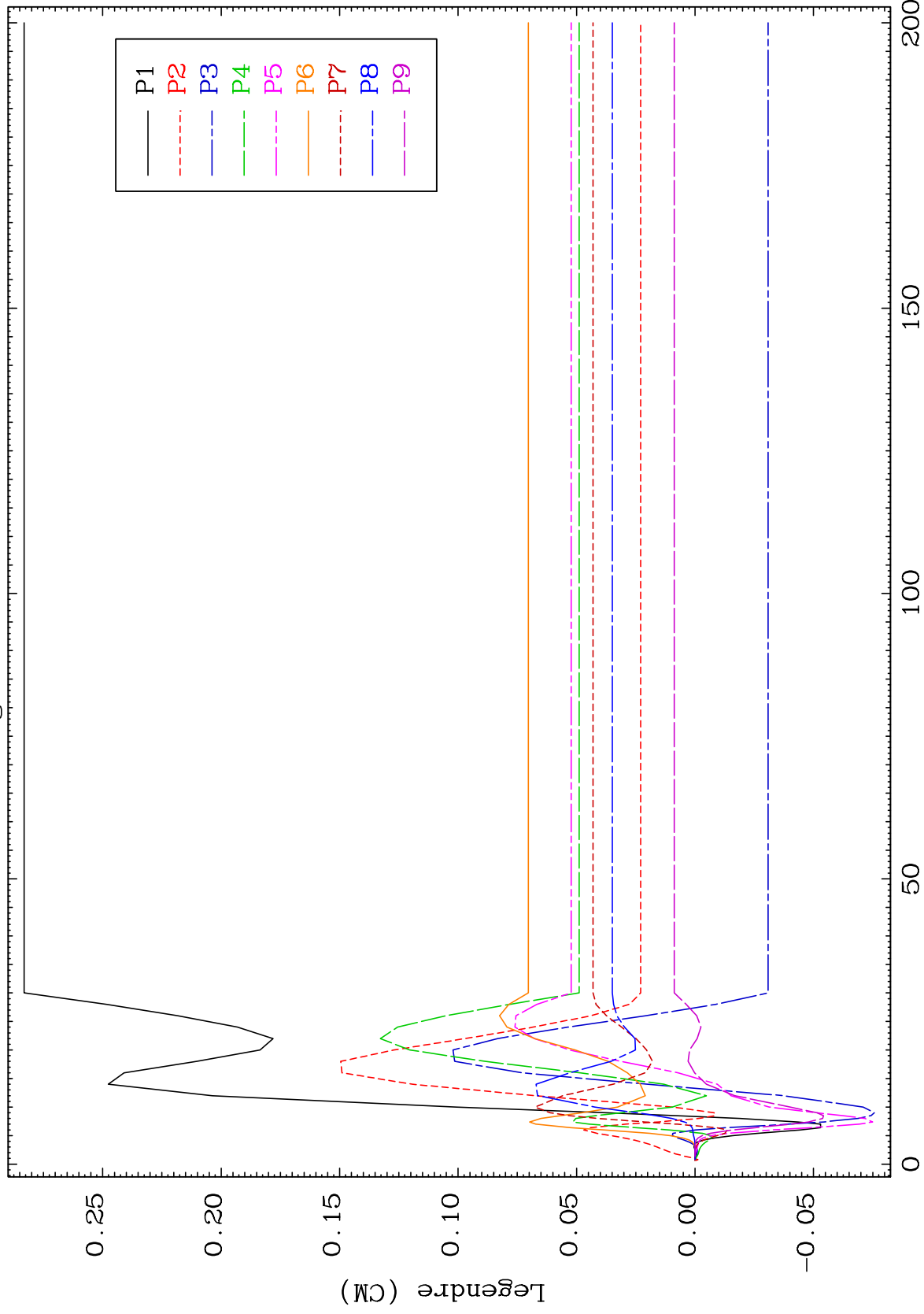
54-Xe-119



MAT 5410

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

54-Xe-119



76

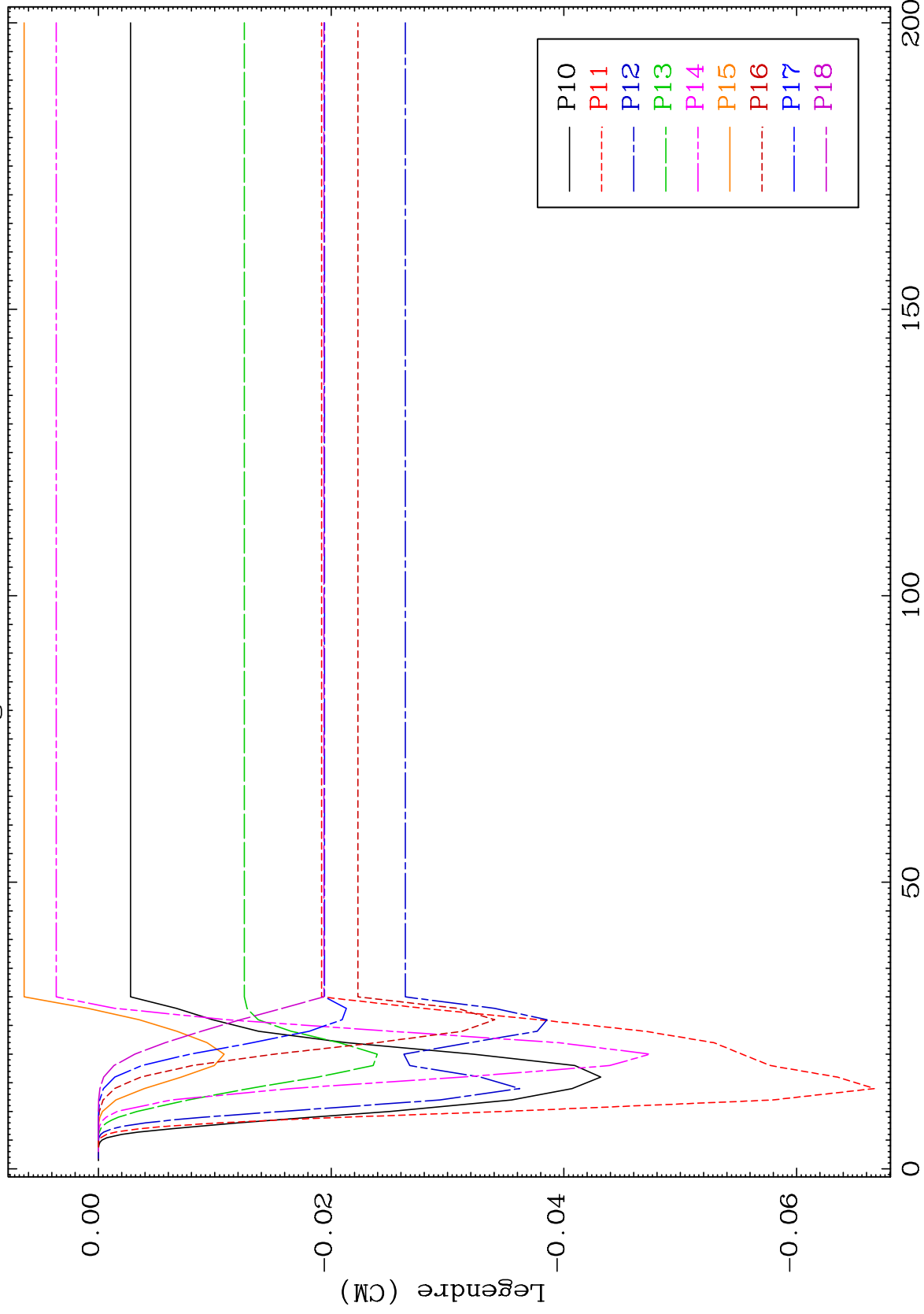
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

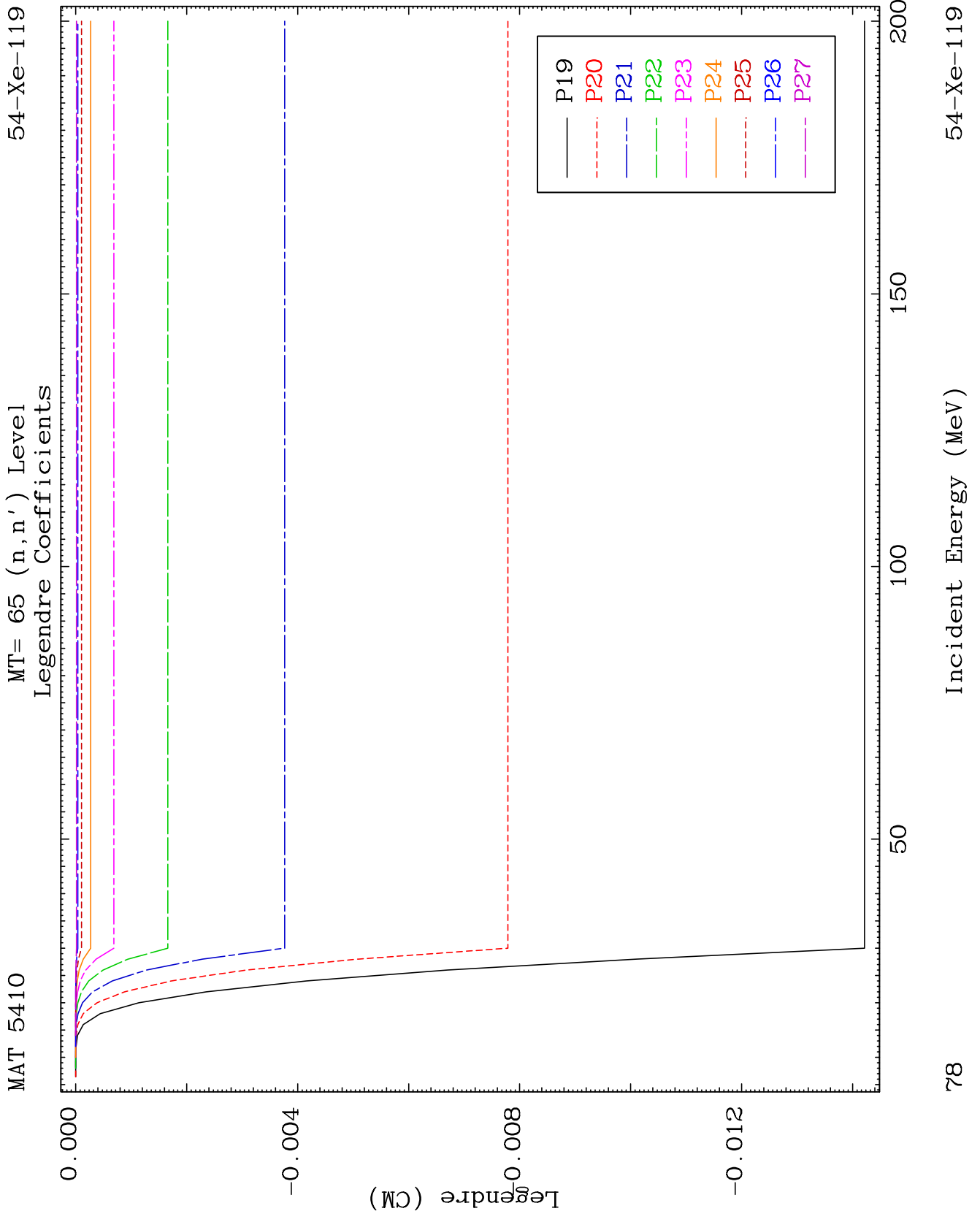
54-Xe-119

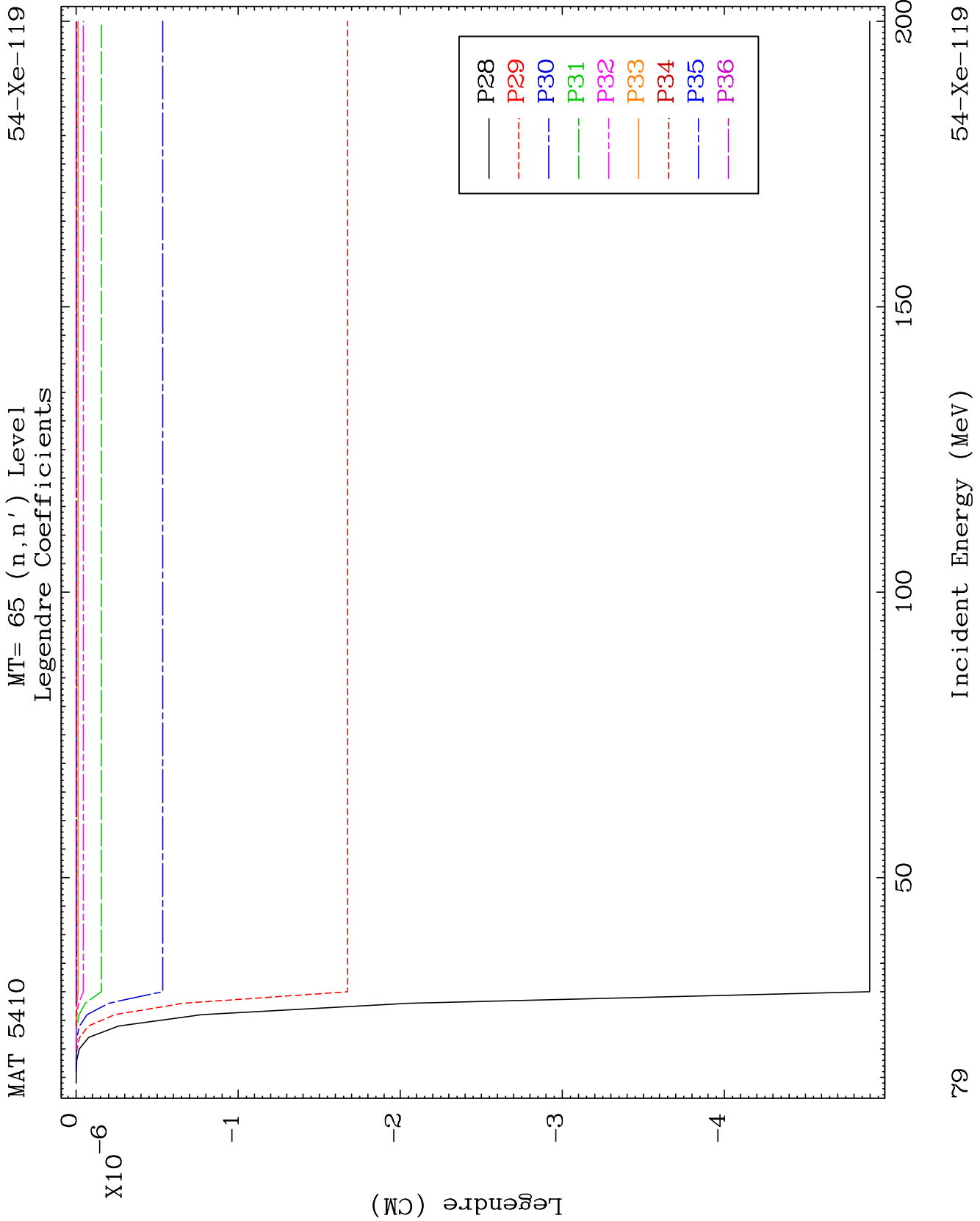


77

Incident Energy (MeV)

54-Xe-119

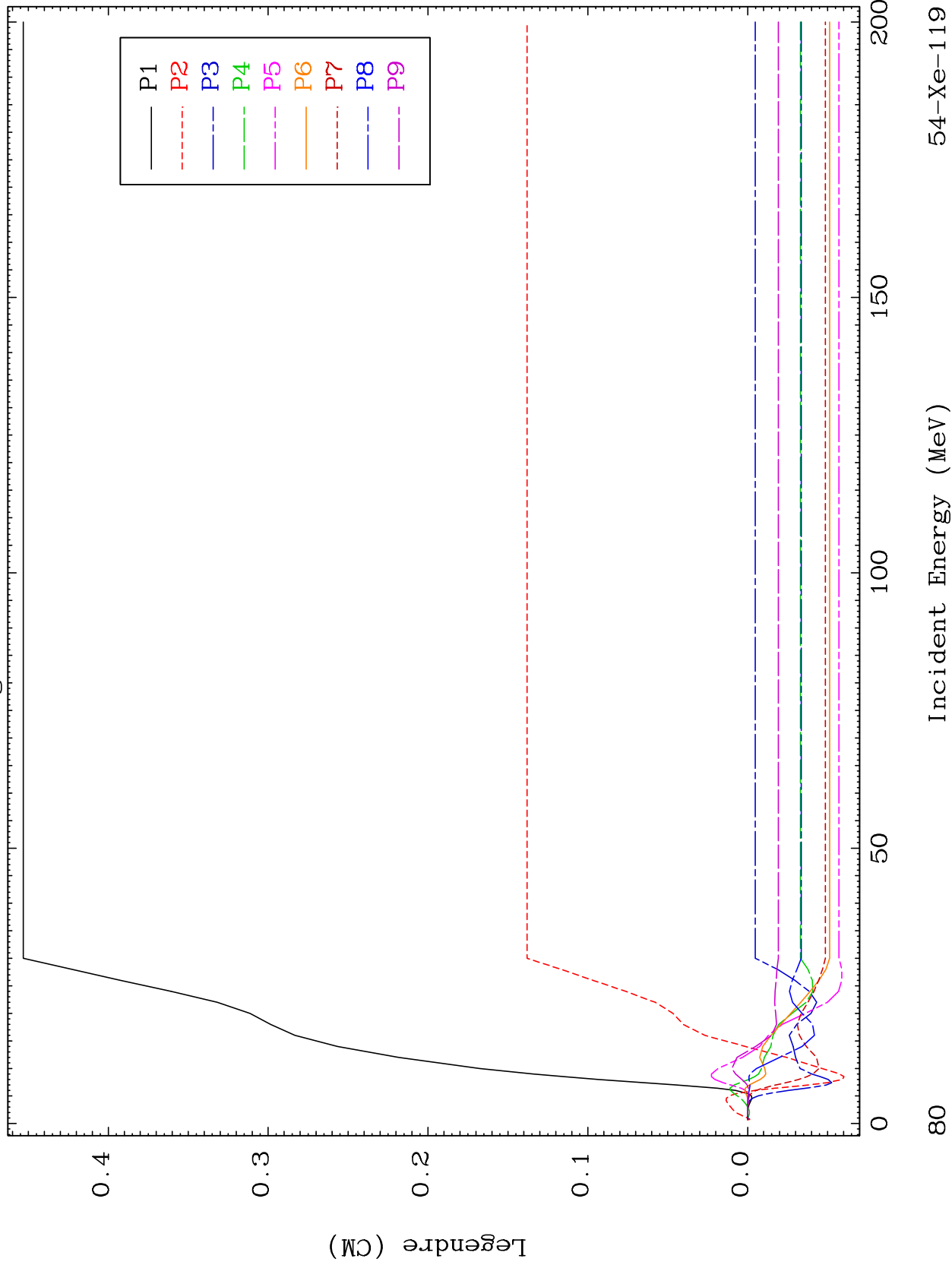




MAT 5410

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

54-Xe-119

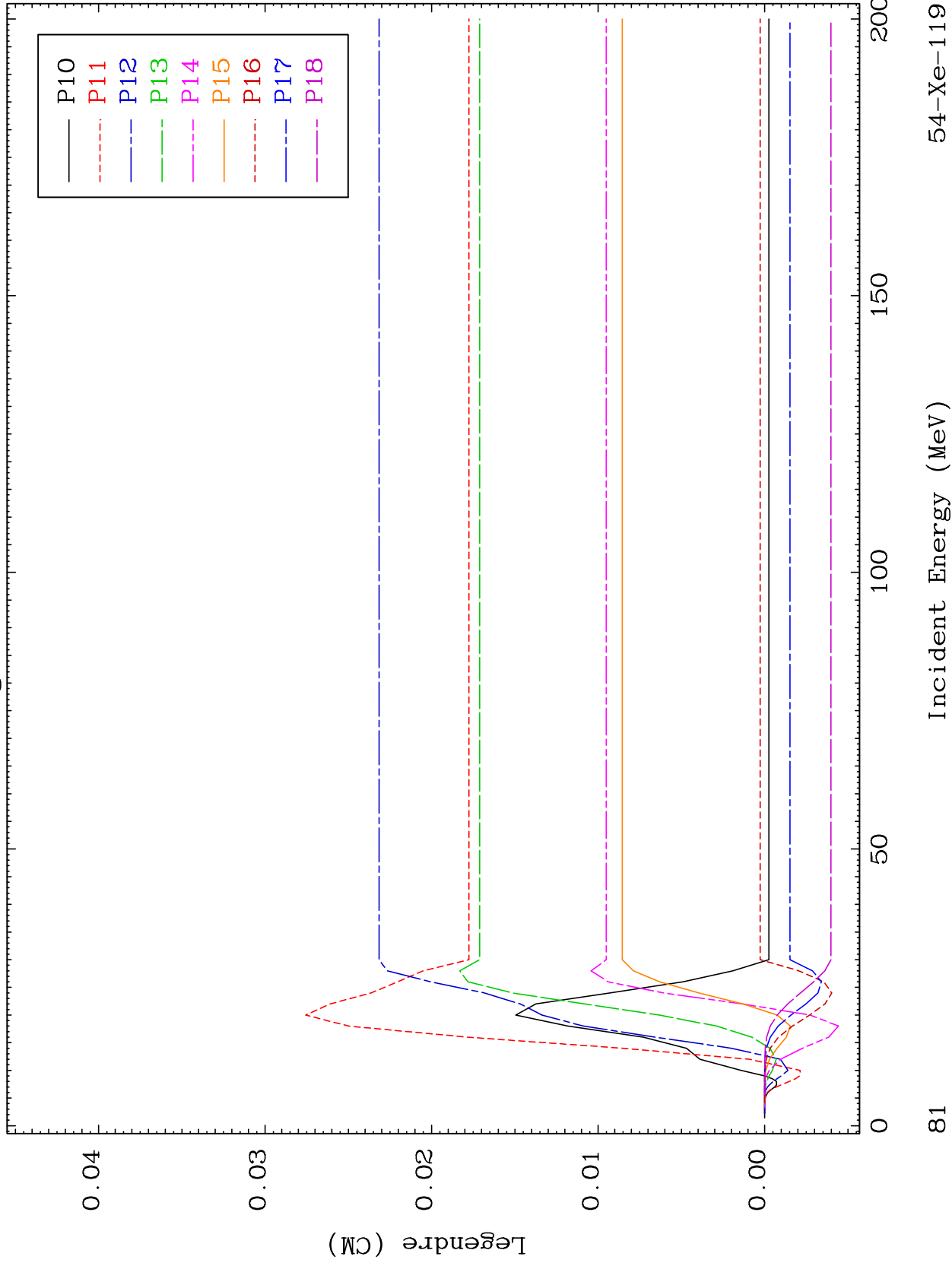


54-Xe-119

MAT 5410

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

54-Xe-119



81

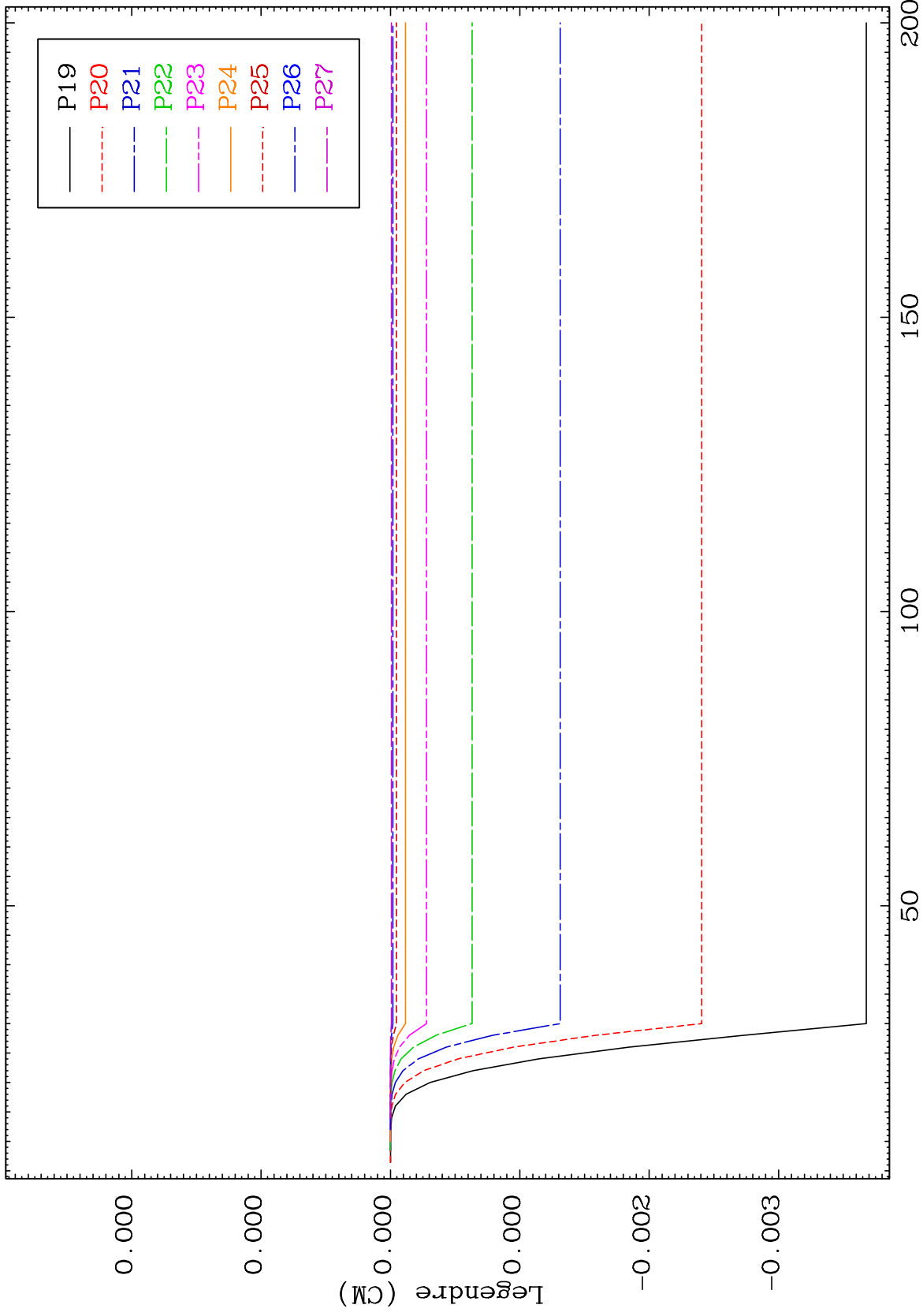
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119



82

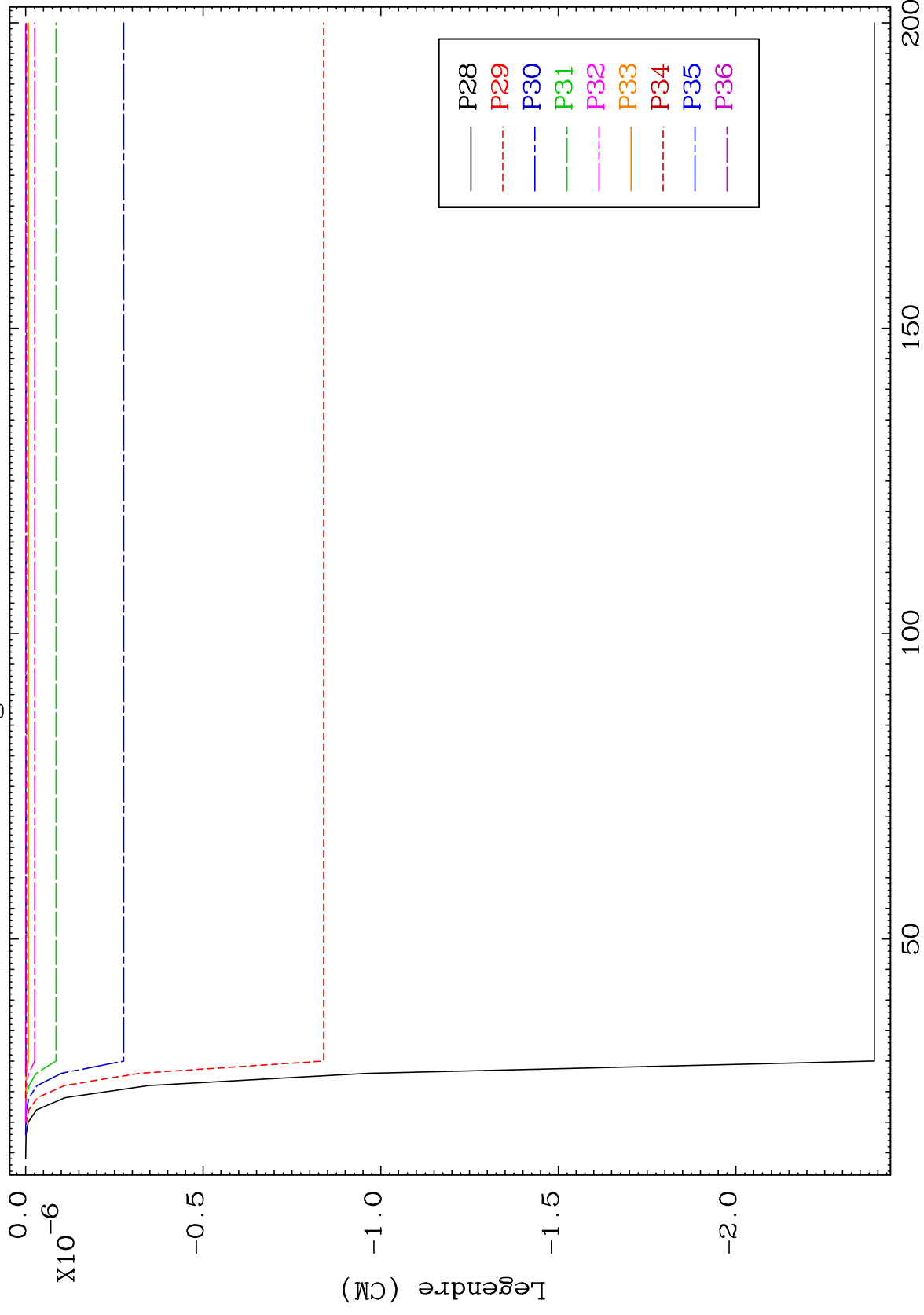
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

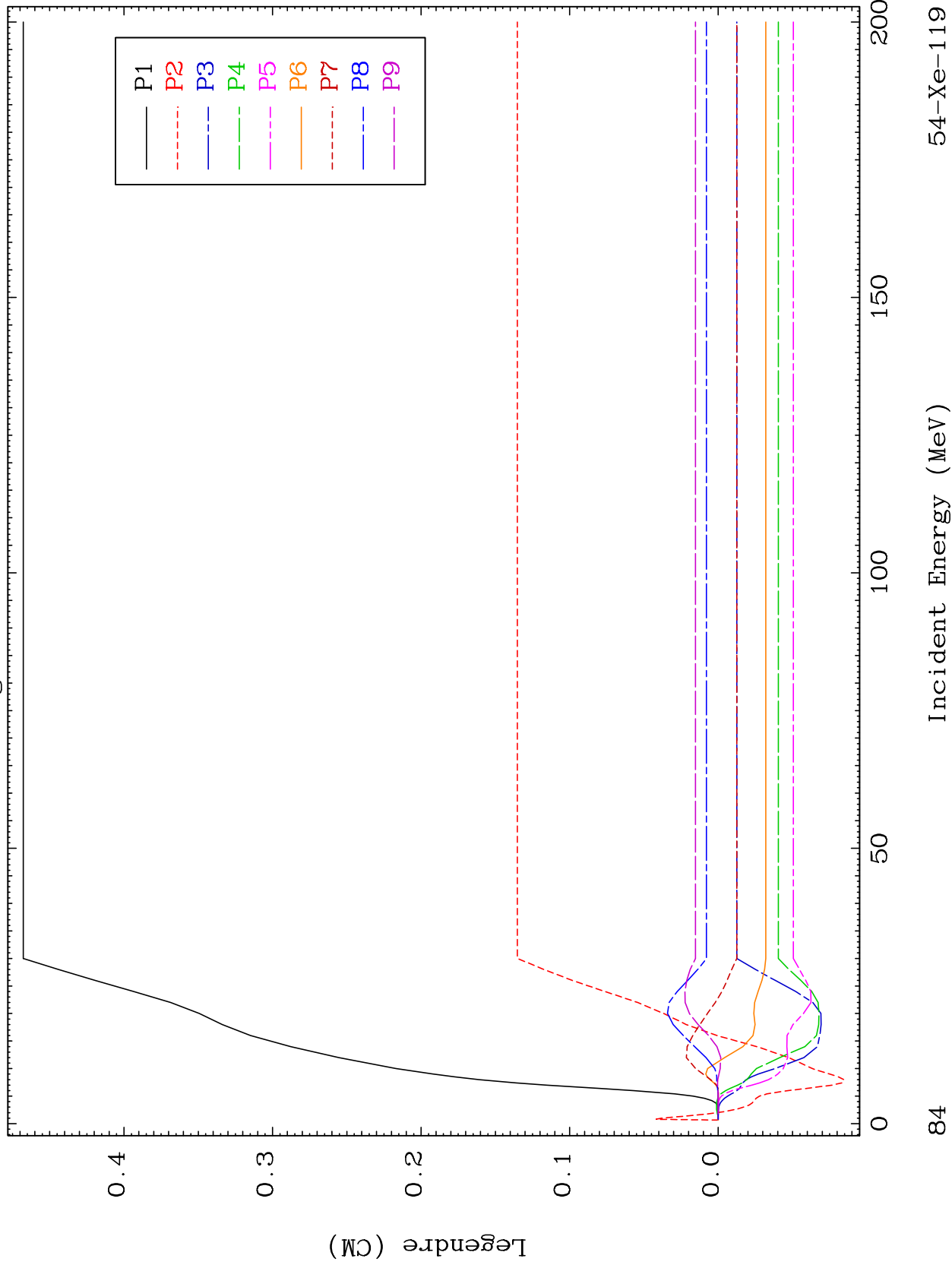
54-Xe-119



MAT 5410

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

54-Xe-119



54-Xe-119

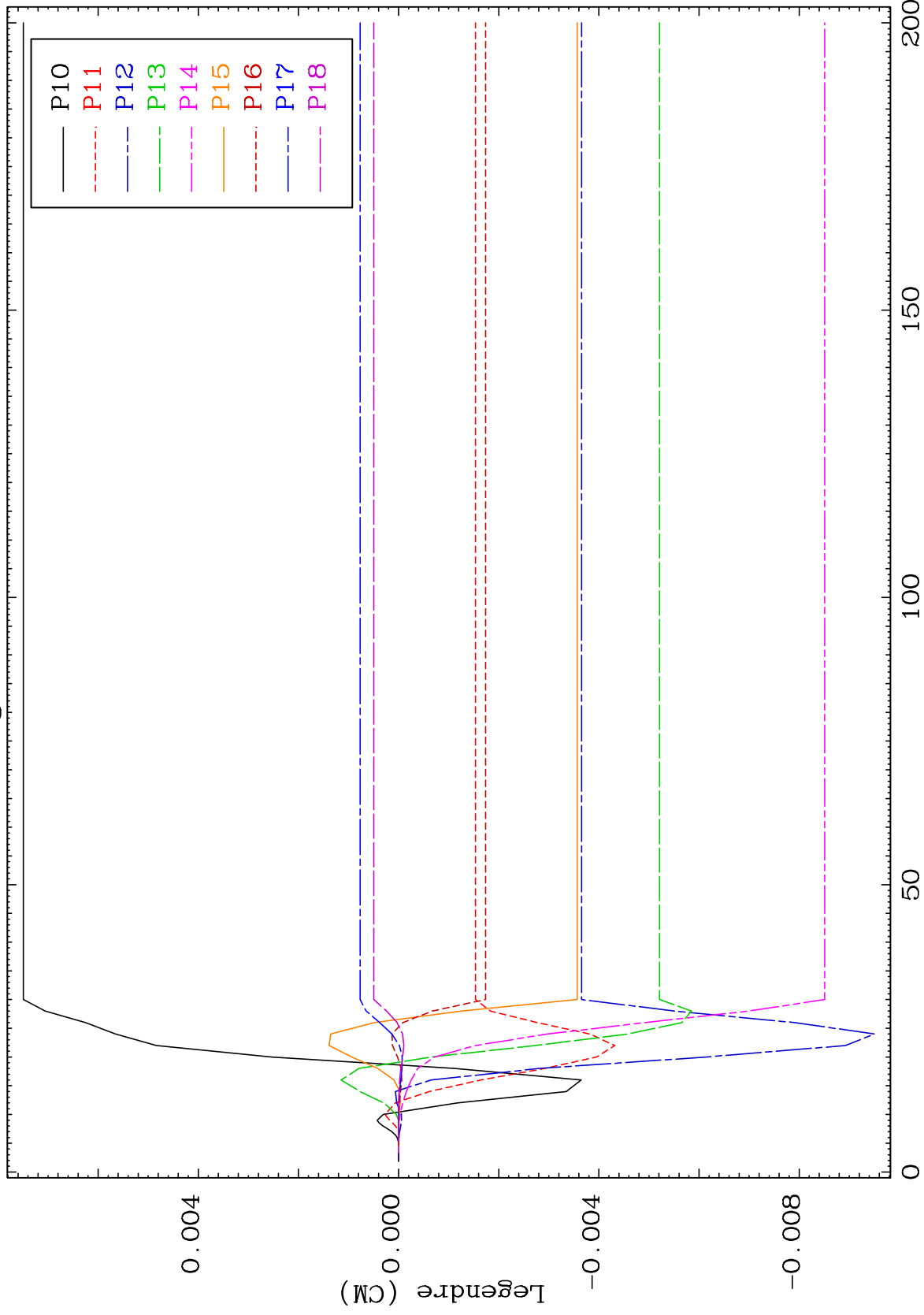
Incident Energy (MeV)

84

MAT 5410

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

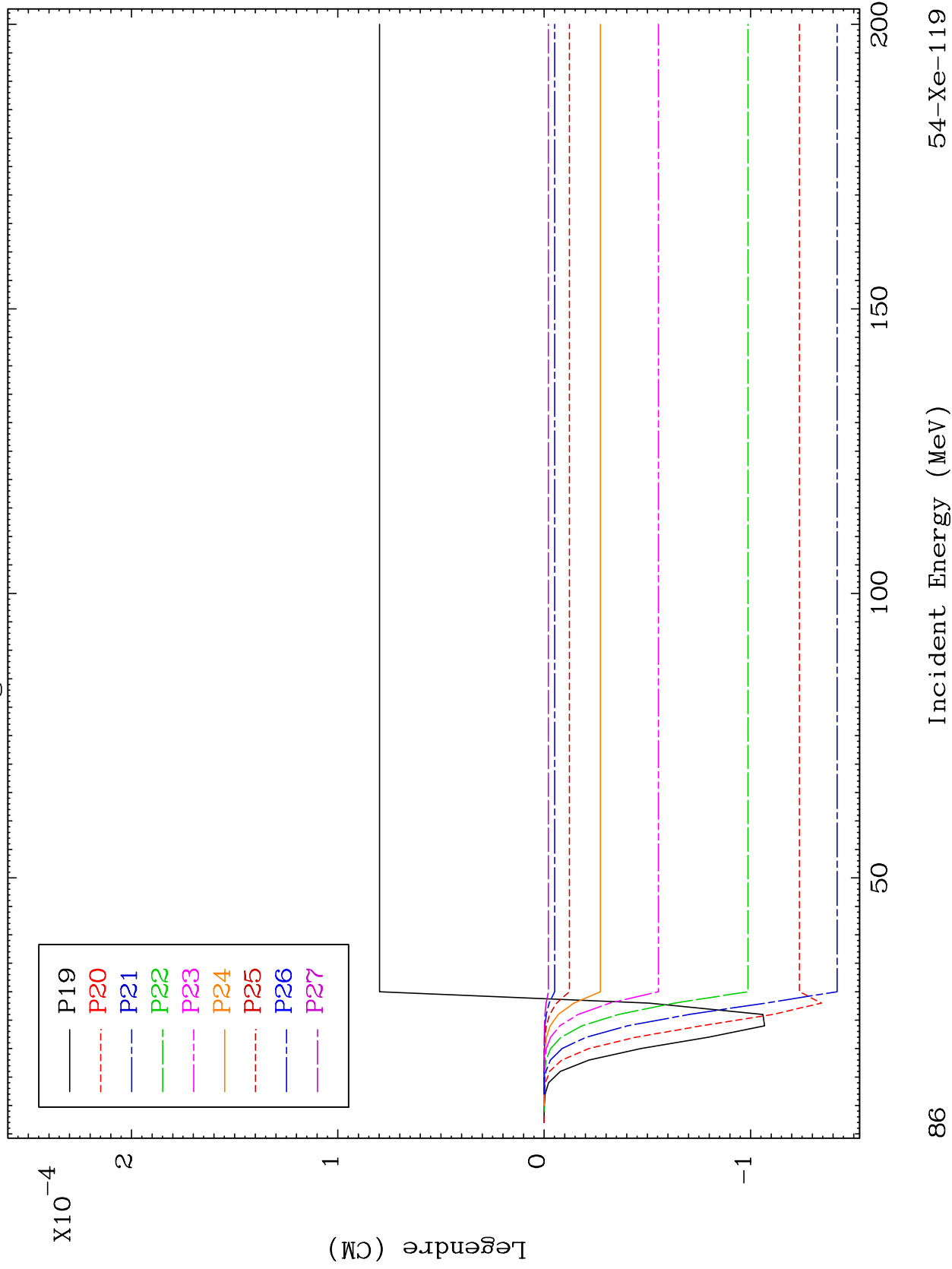
54-Xe-119



85

Incident Energy (MeV)

54-Xe-119

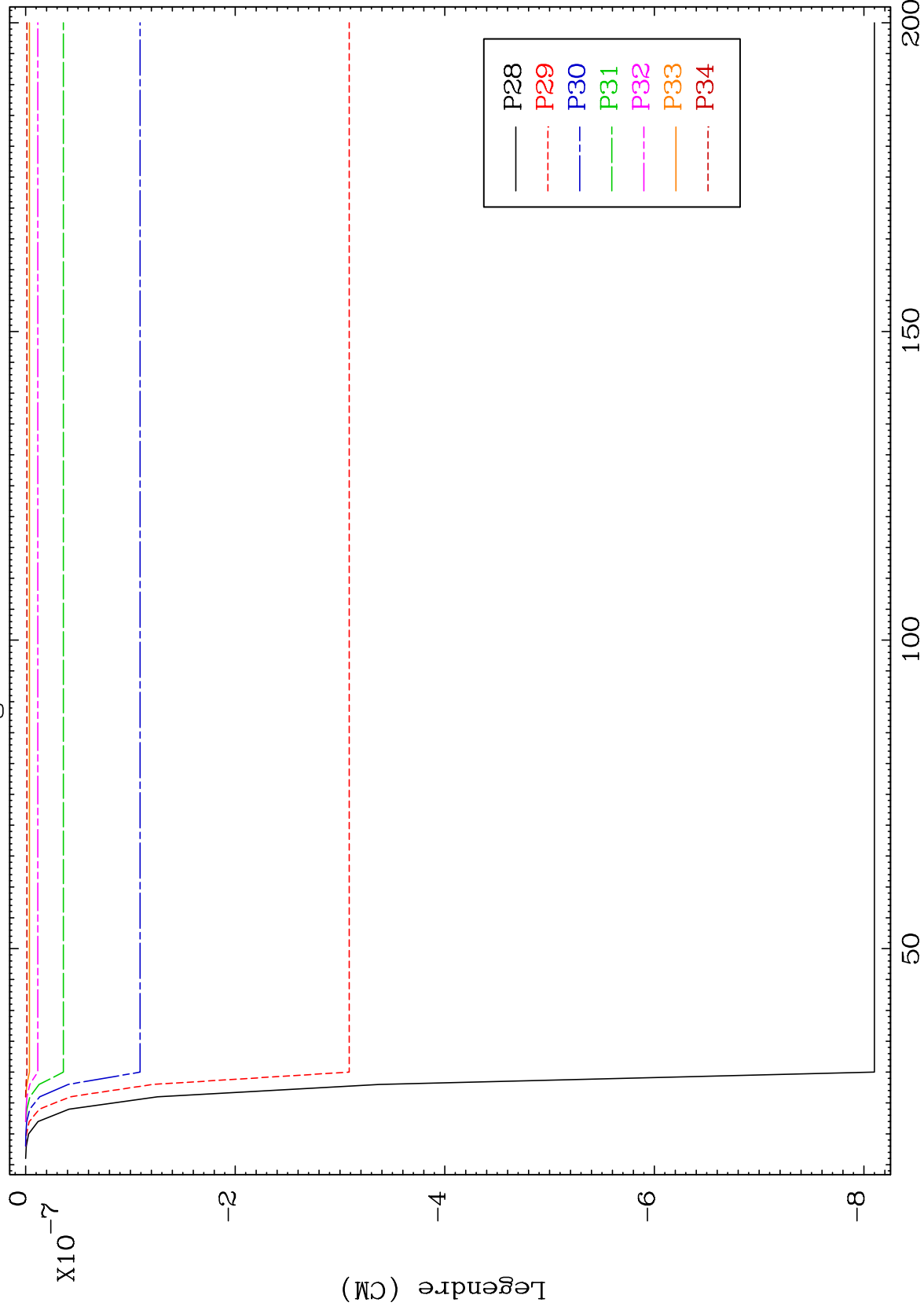


MAT 5410

MT= 67 (n,n') Level

54-Xe-119

Legendre Coefficients



54-Xe-119

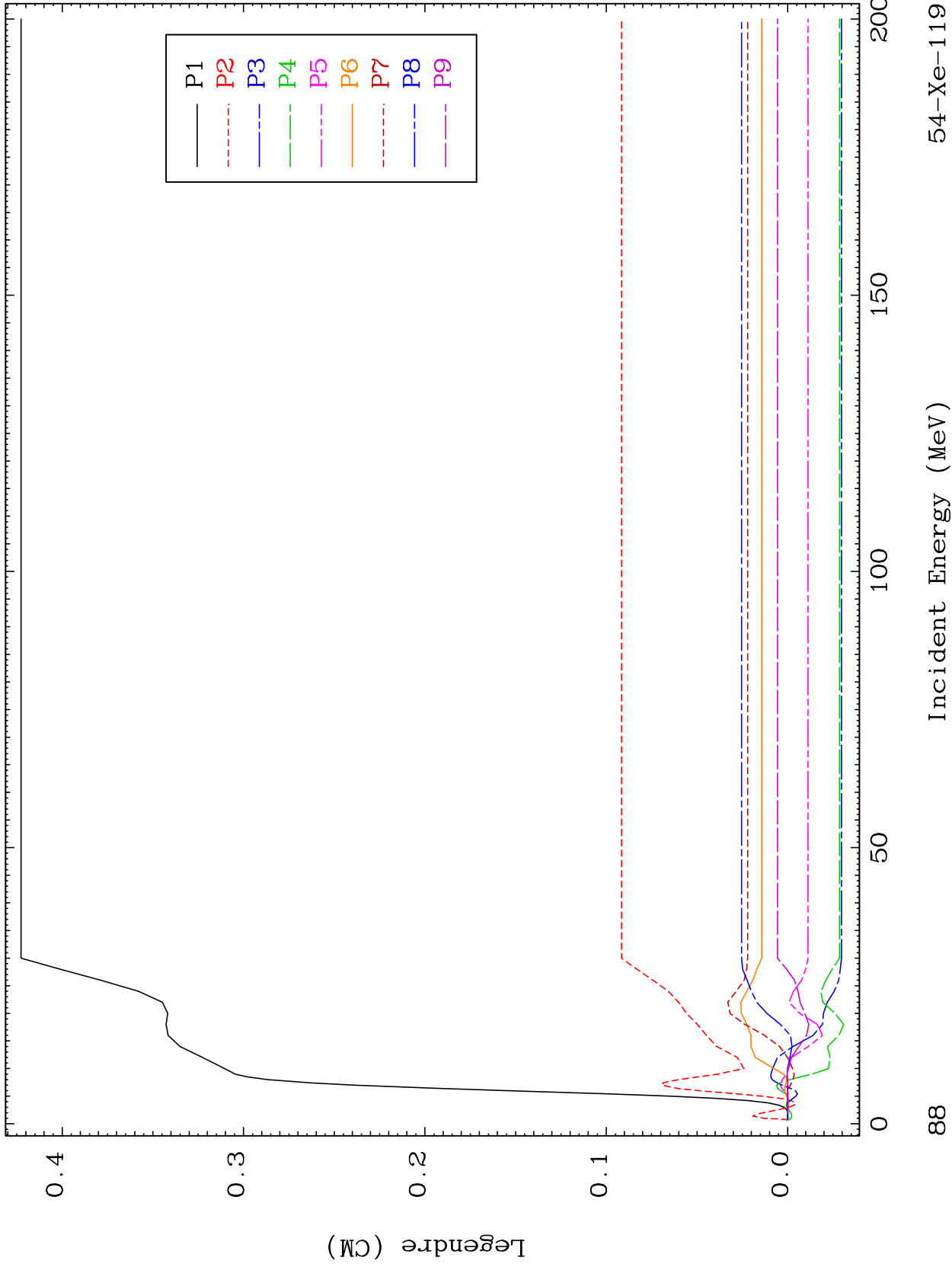
Incident Energy (MeV)

87

MAT 5410

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

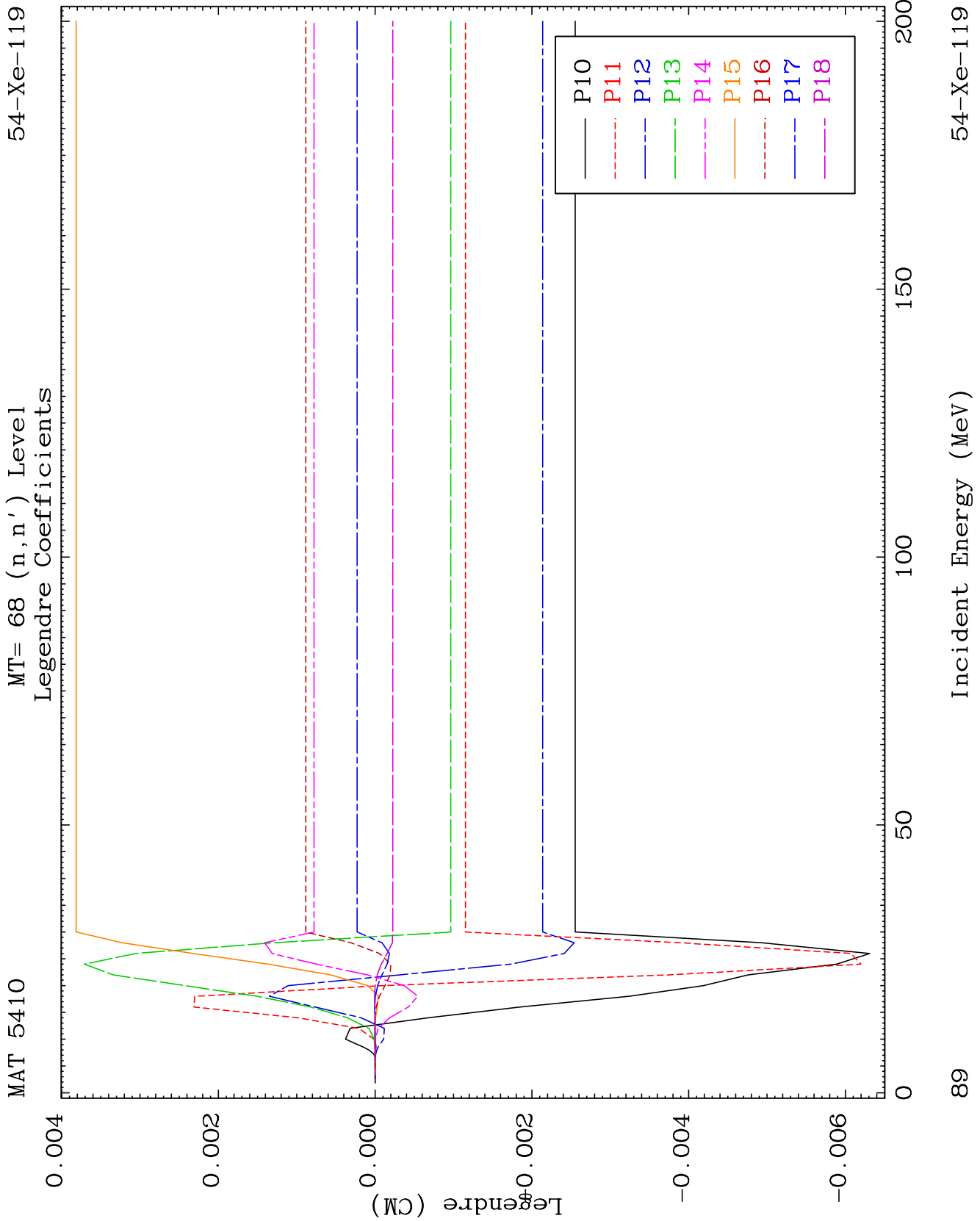
54-Xe-119



88

Incident Energy (MeV)

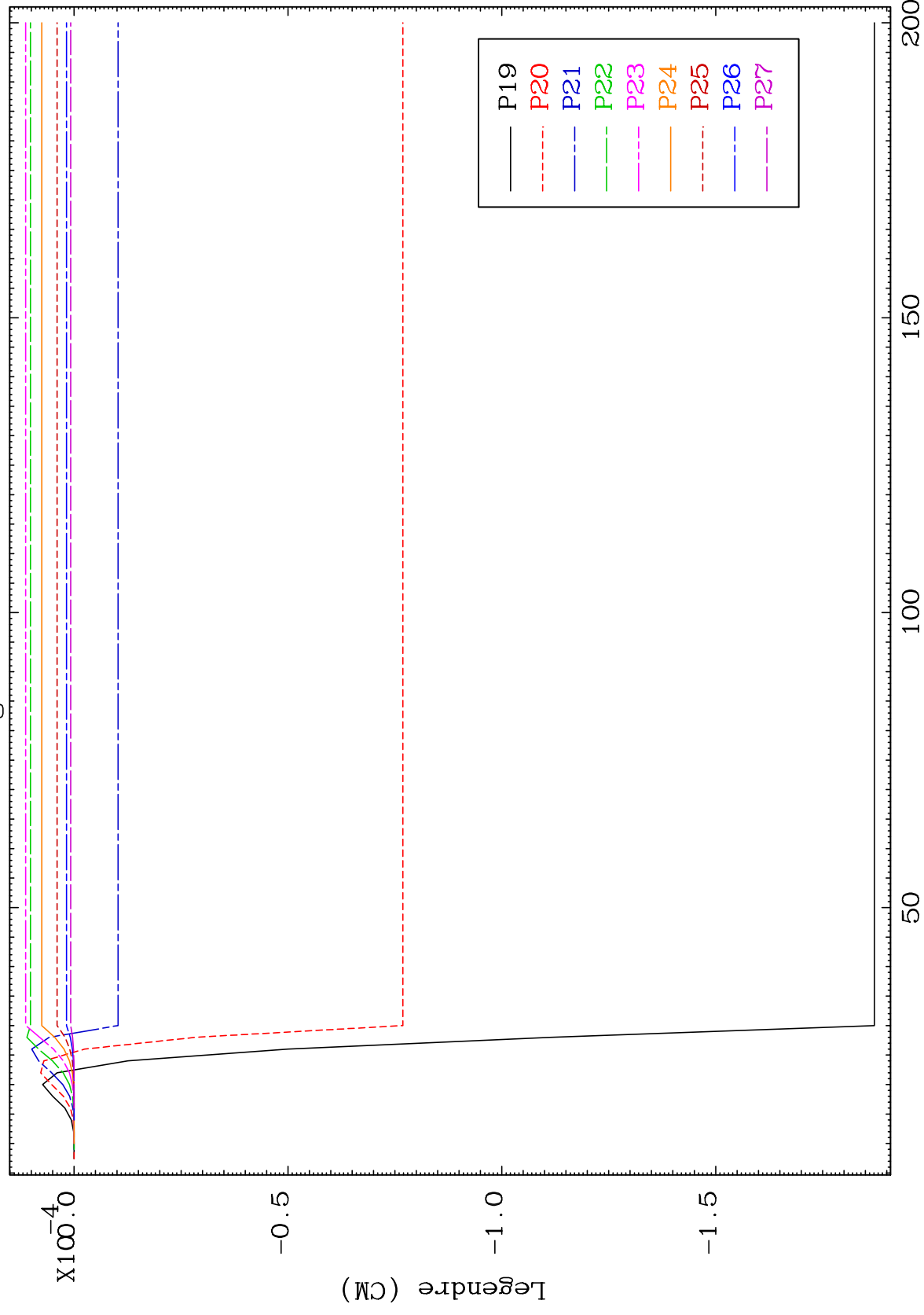
54-Xe-119



MAT 5410

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

54-Xe-119



90

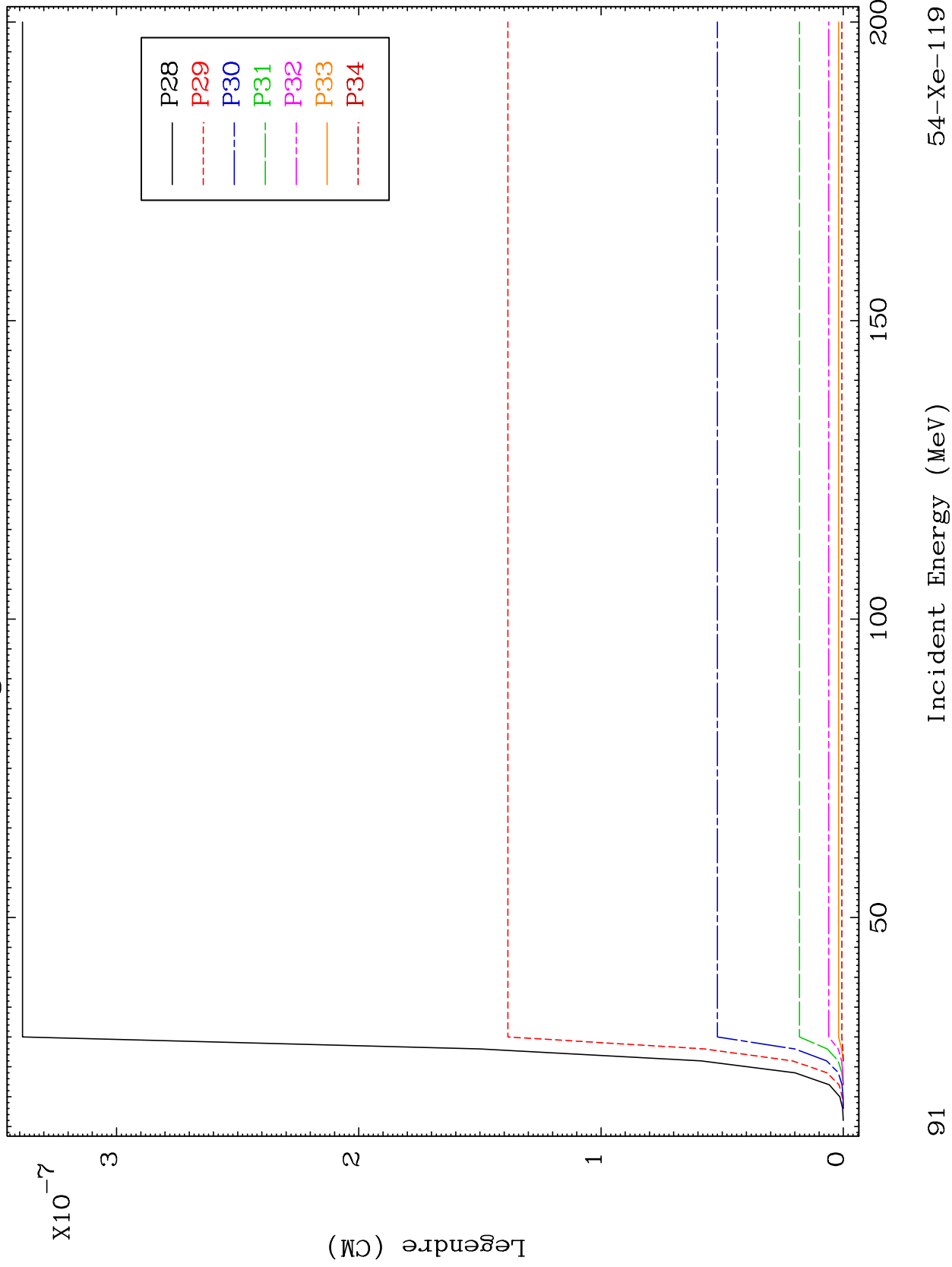
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

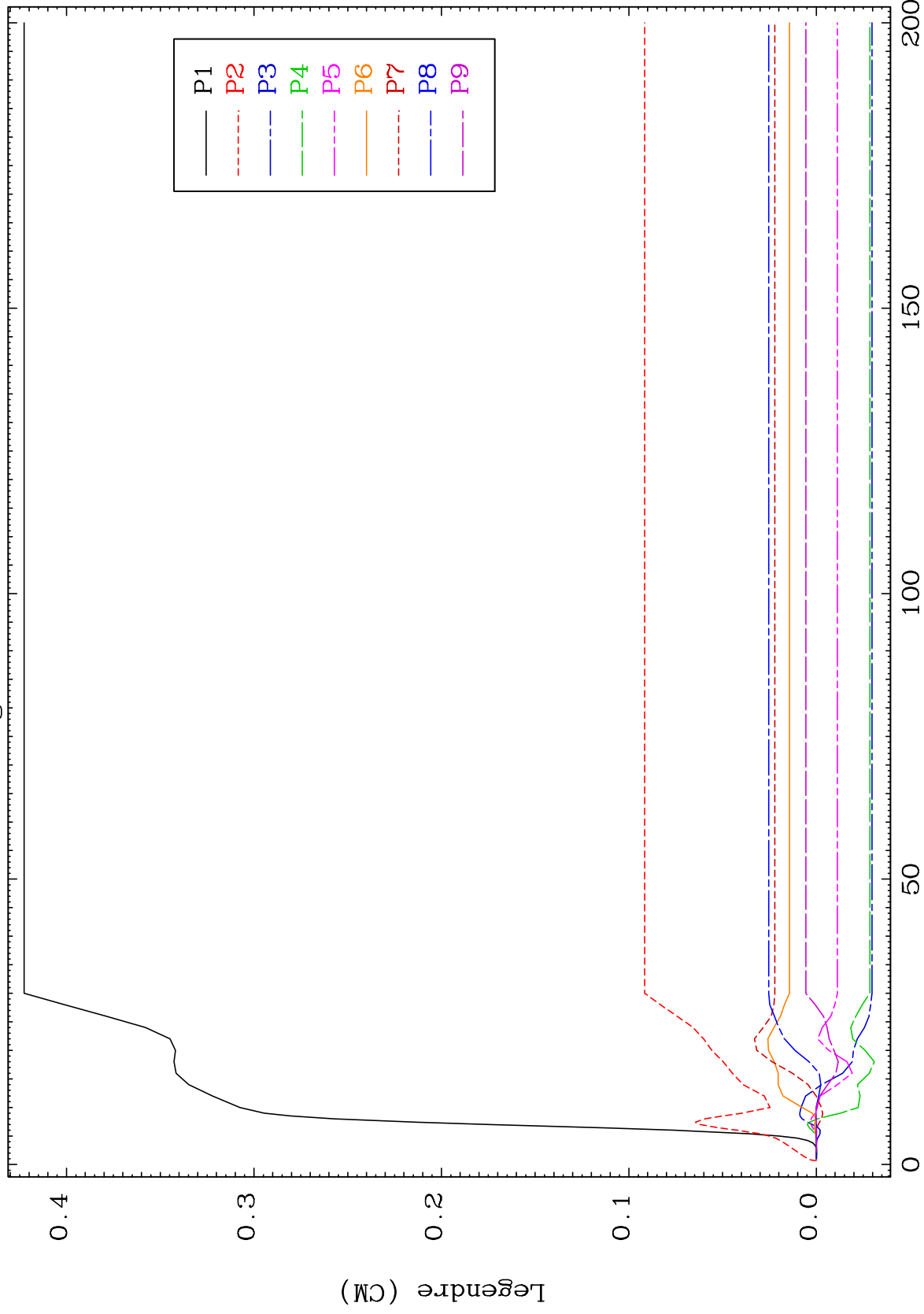
54-Xe-119



MAT 5410

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

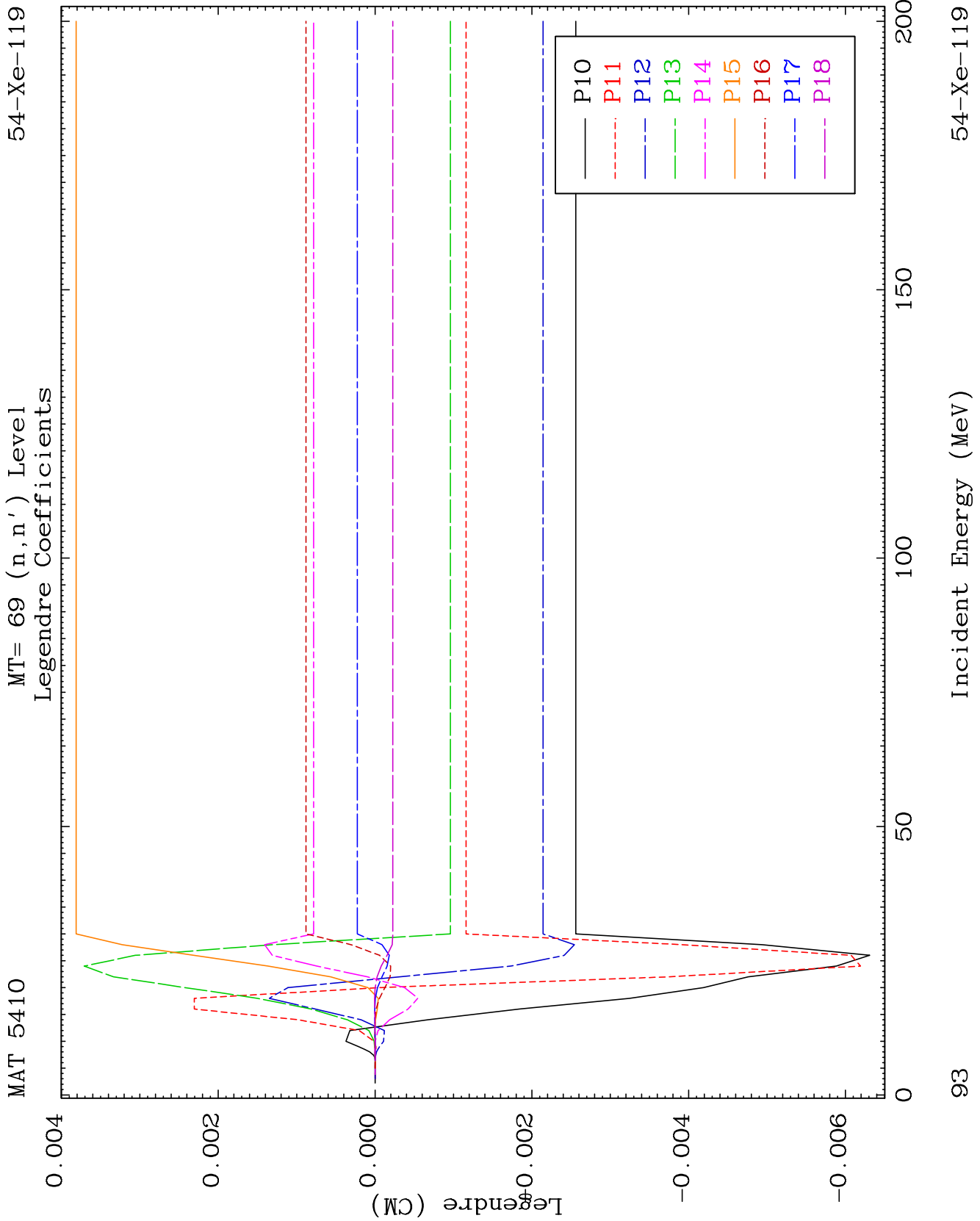
54-Xe-119



92

Incident Energy (MeV)

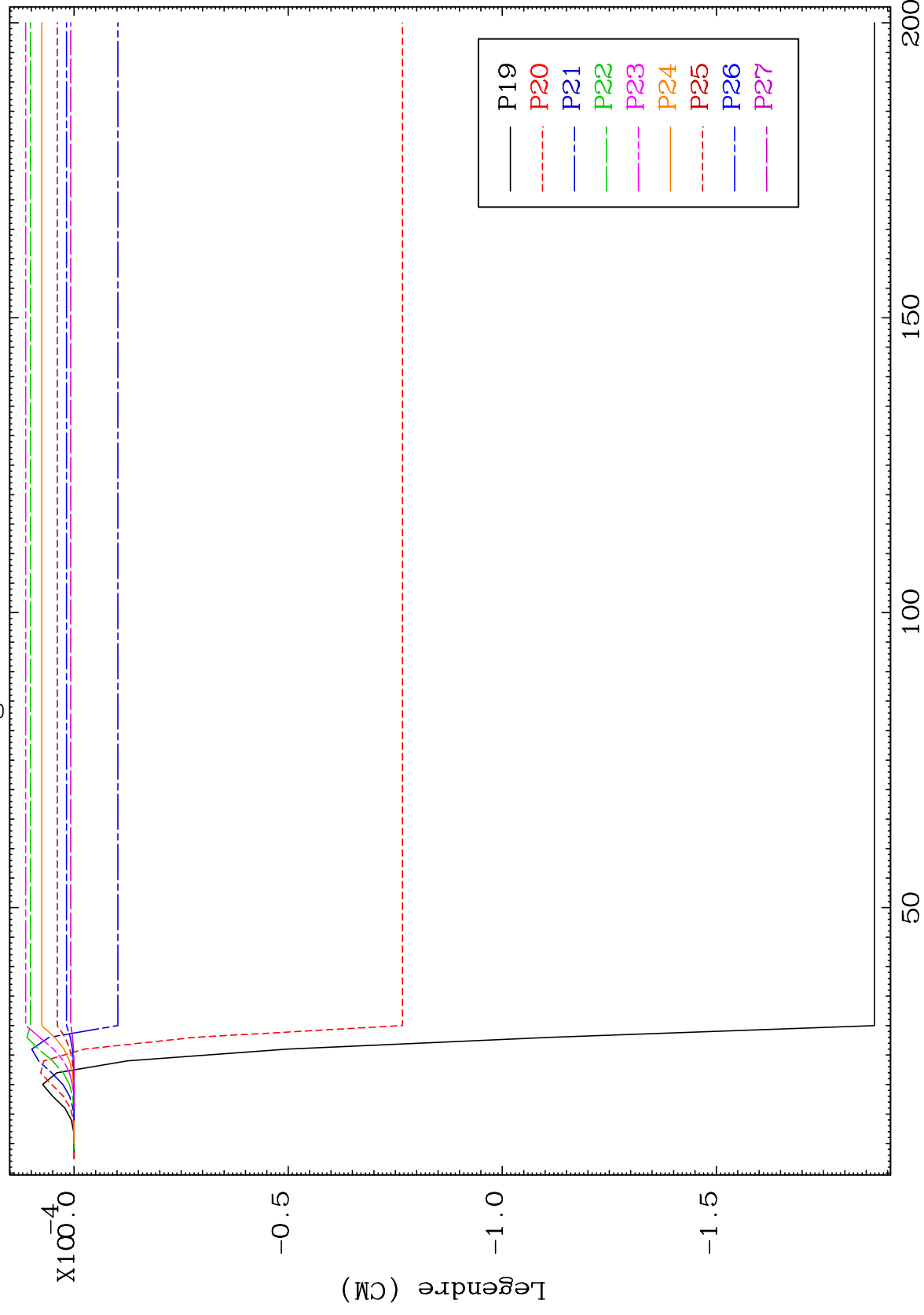
54-Xe-119



MAT 5410

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

54-Xe-119



94

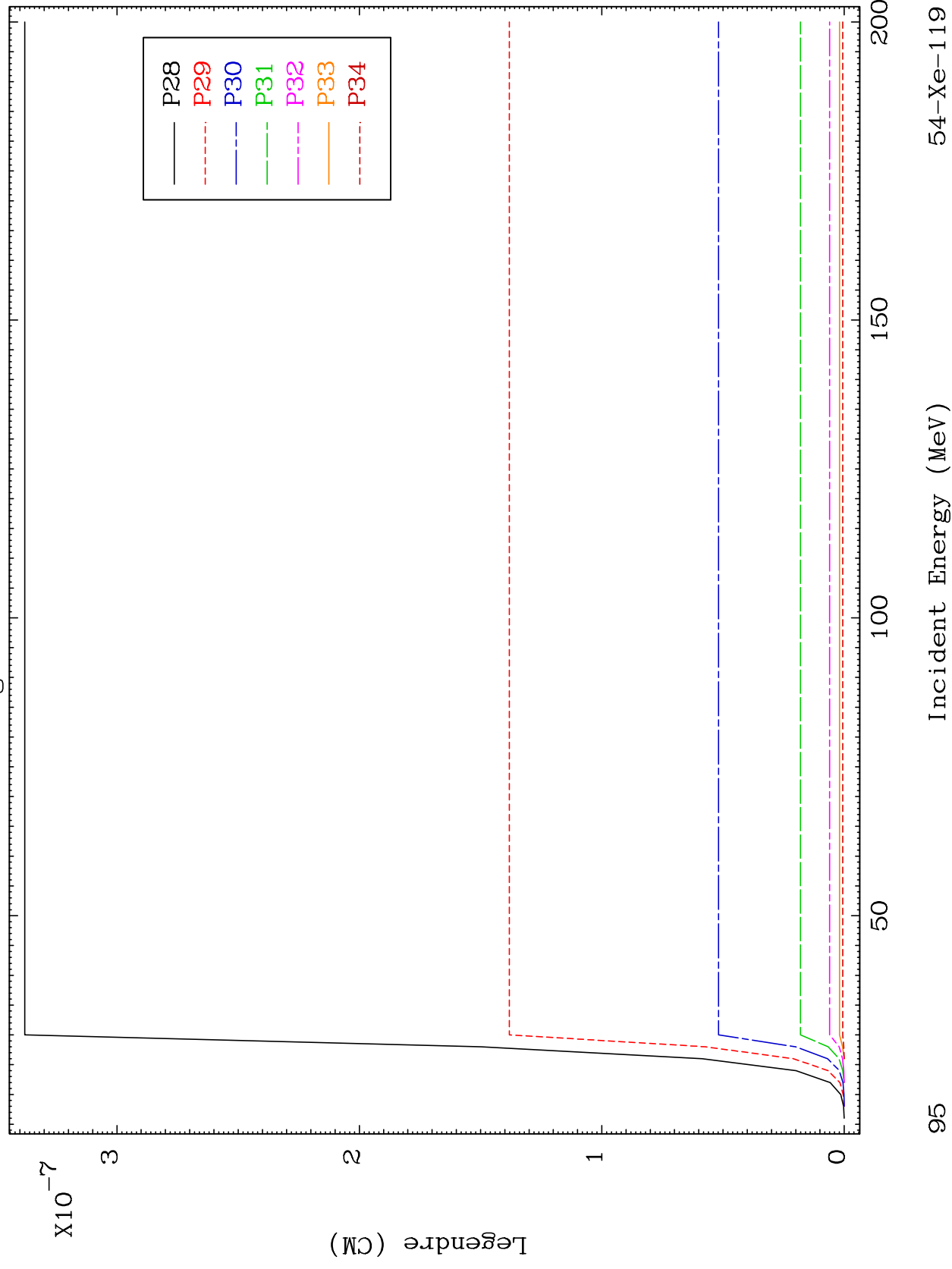
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

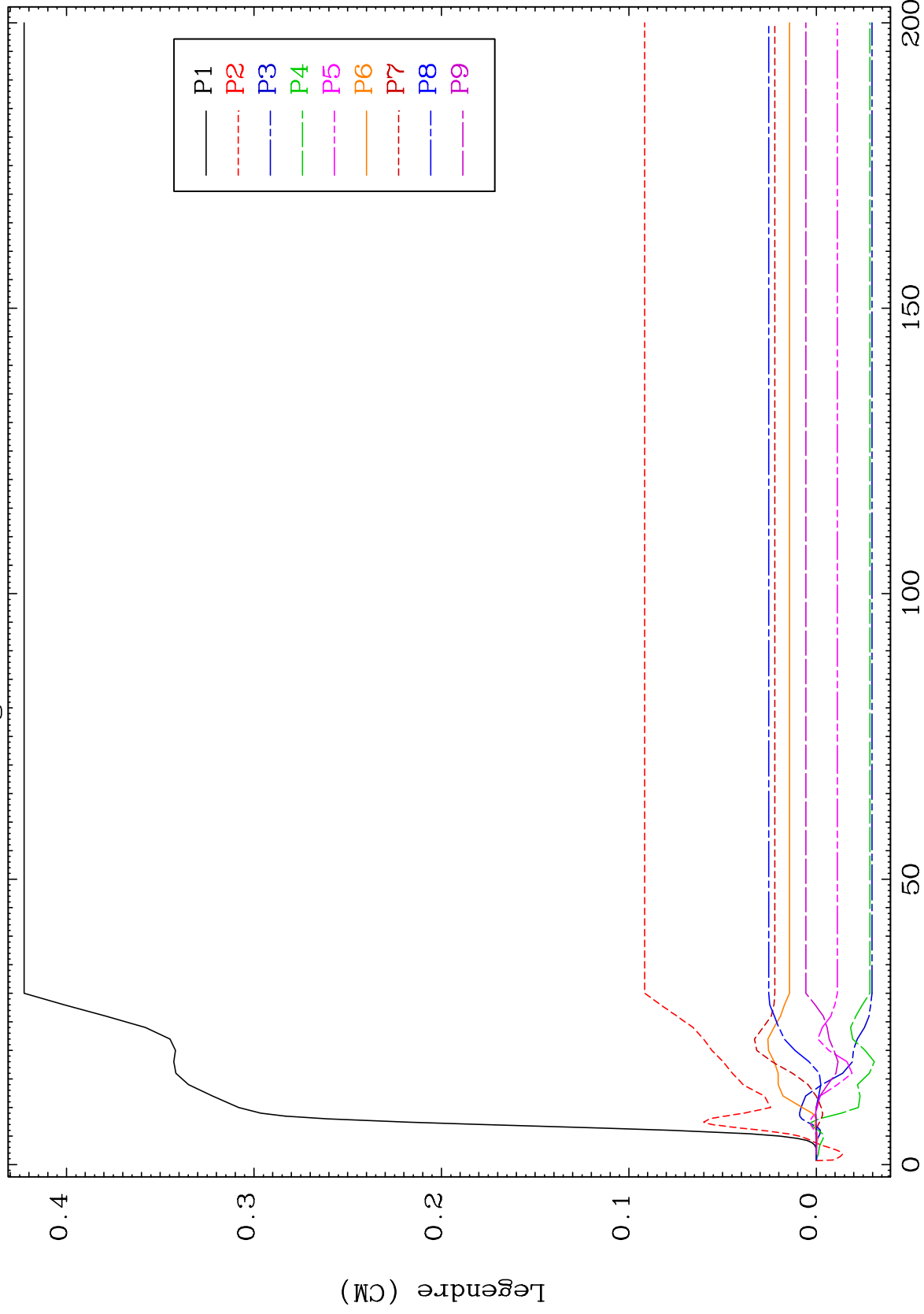
54-Xe-119



MAT 5410

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

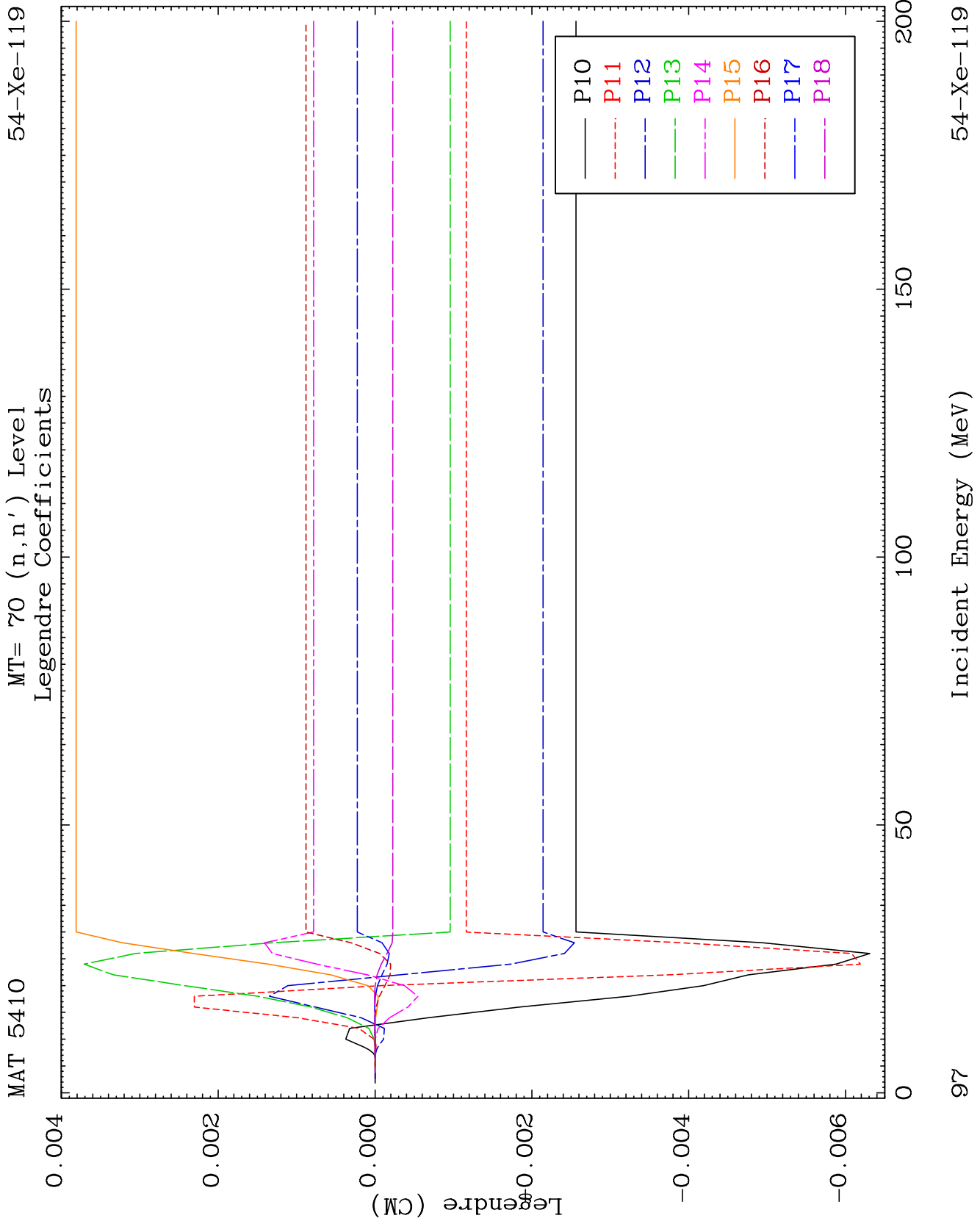
54-Xe-119



96

Incident Energy (MeV)

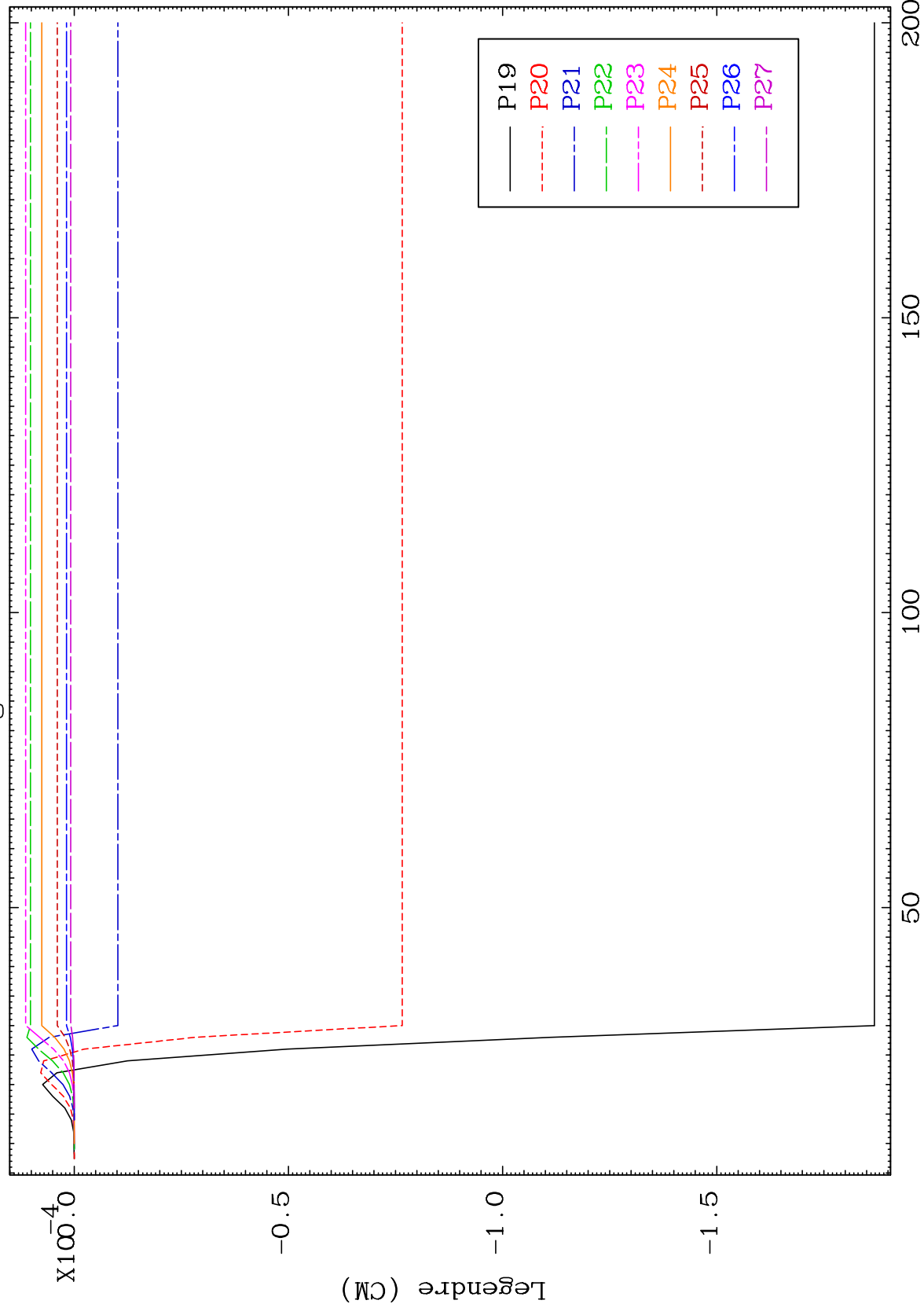
54-Xe-119



MAT 5410

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

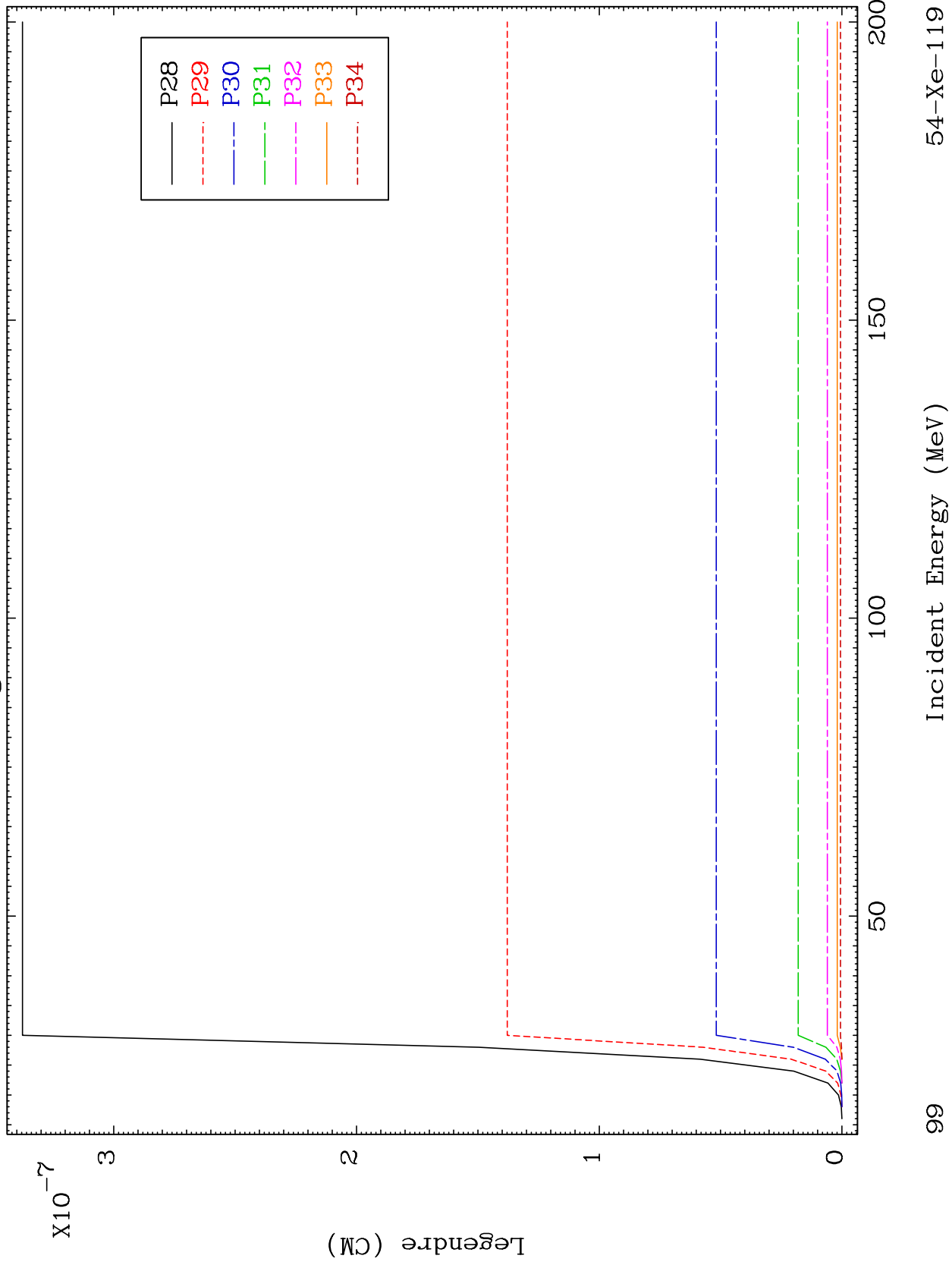
54-Xe-119



MAT 5410

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

54-Xe-119



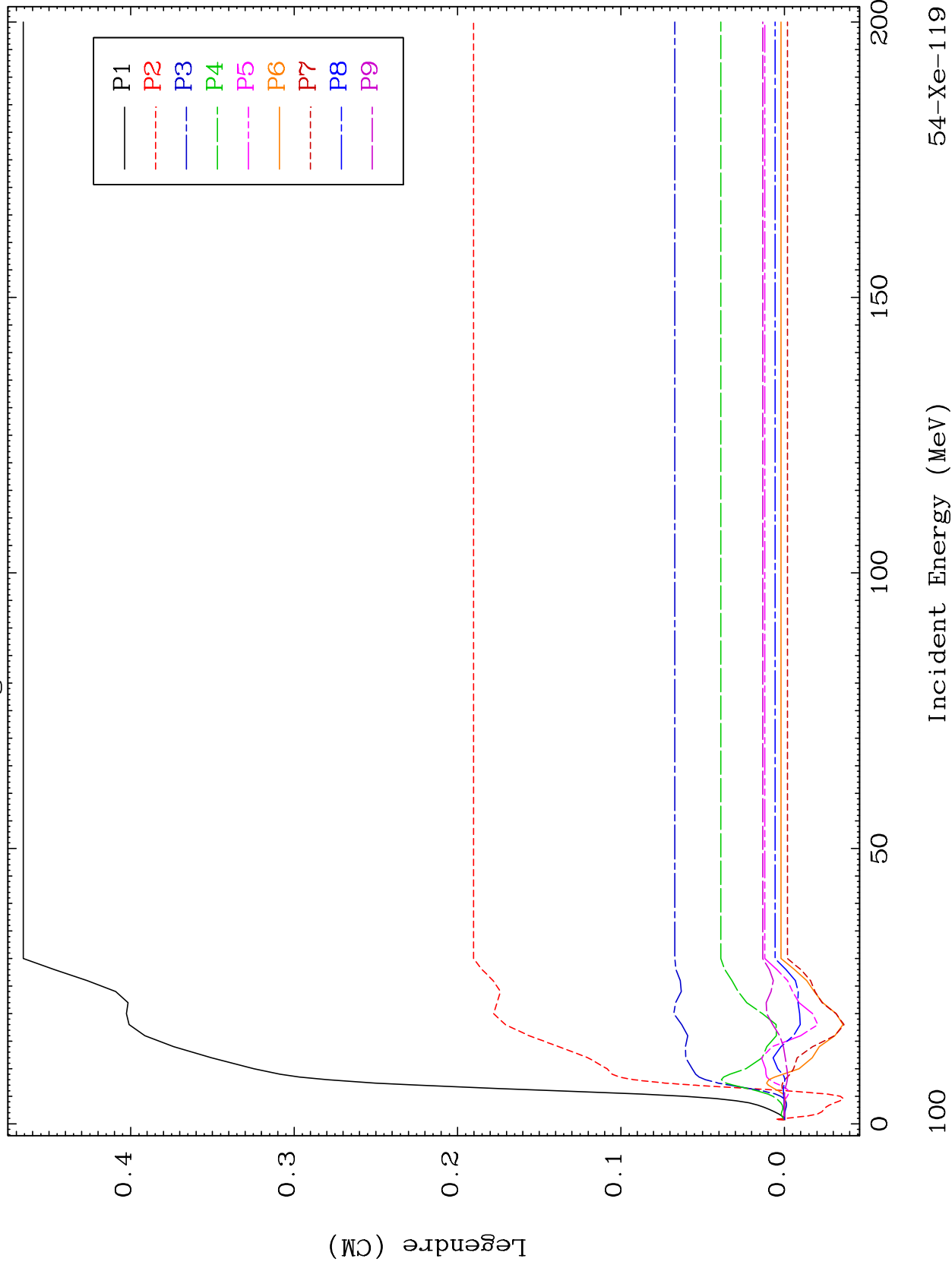
99

54-Xe-119

MAT 5410

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

54-Xe-119



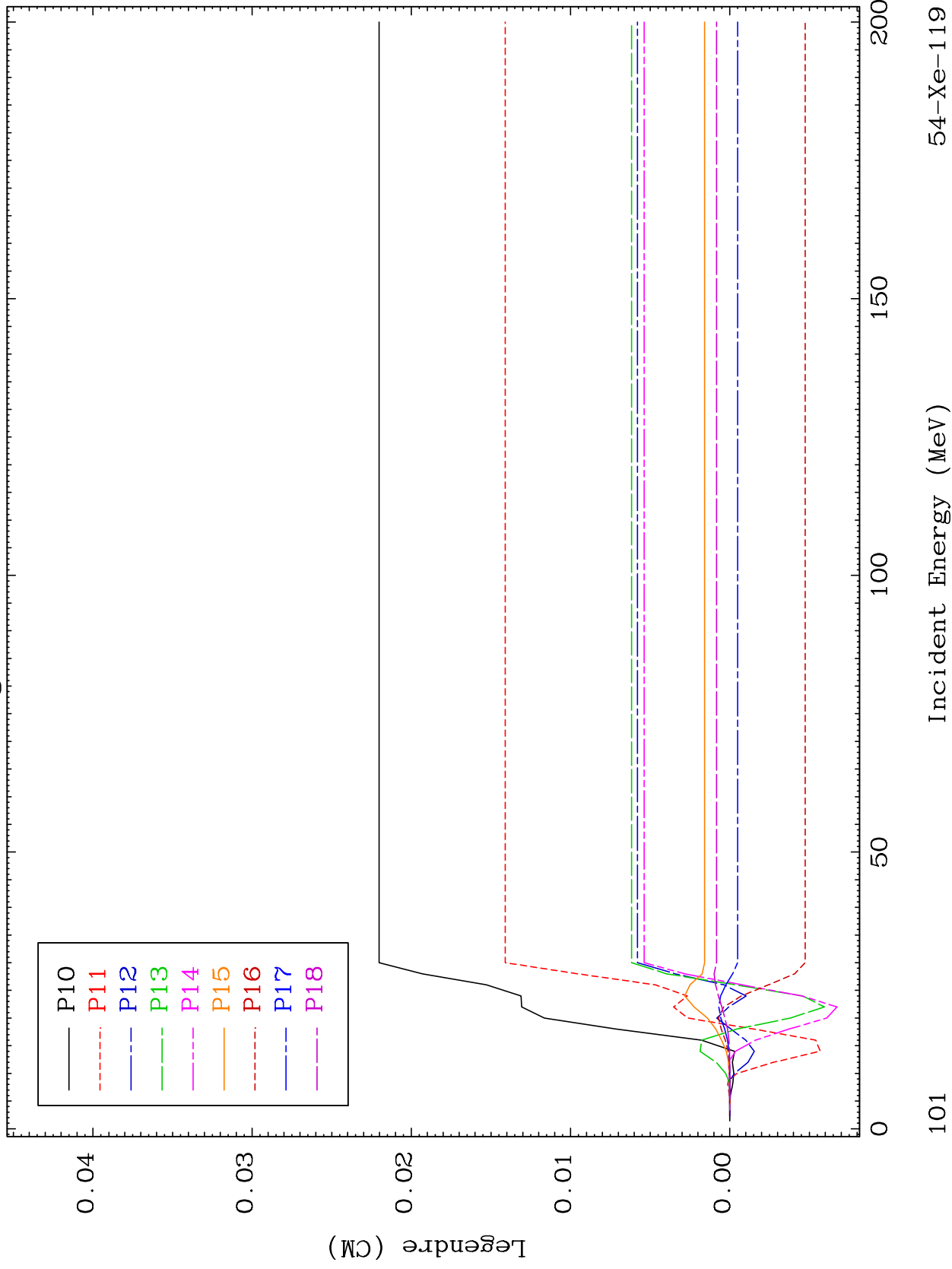
54-Xe-119

Incident Energy (MeV)

MAT 5410

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

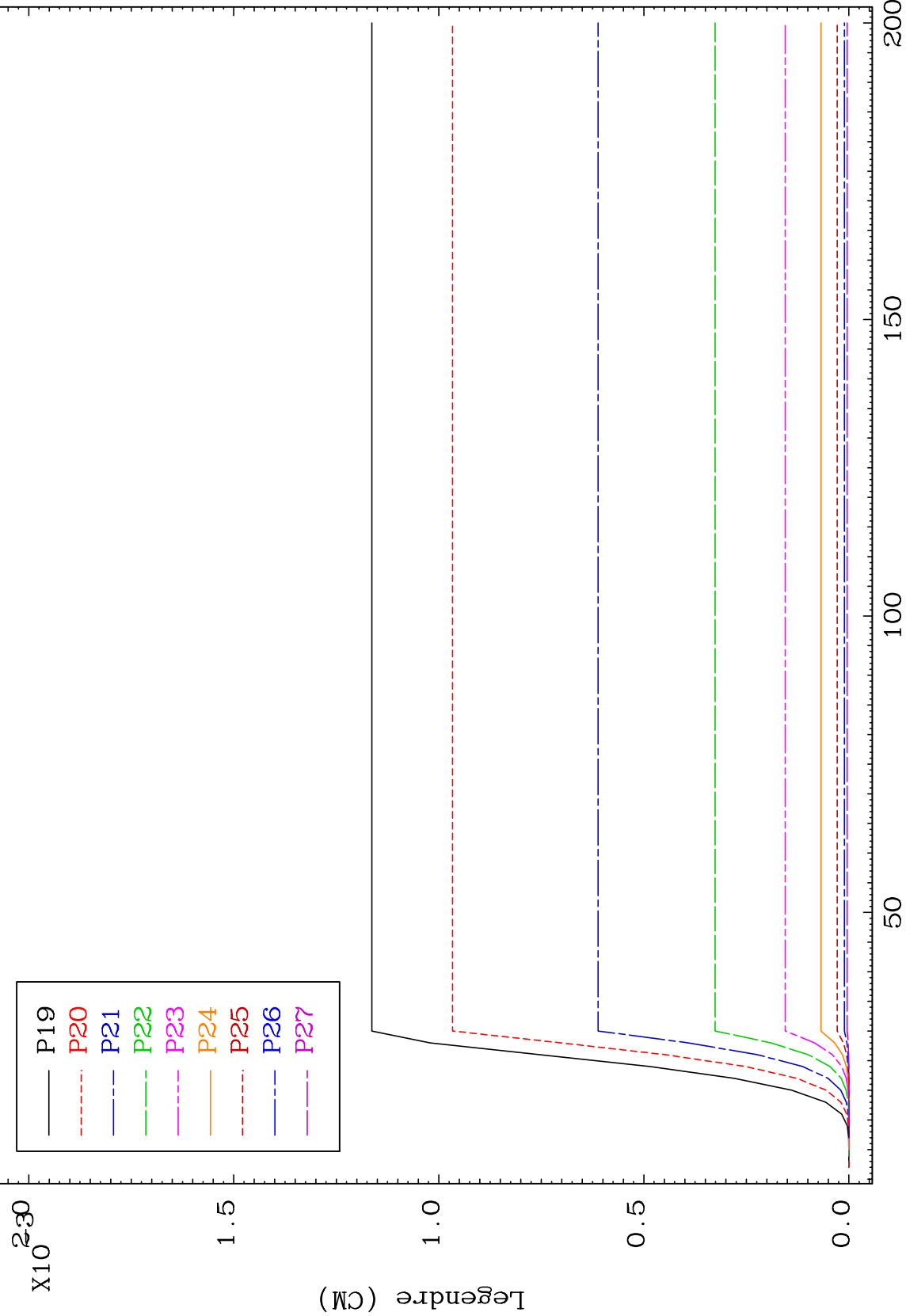
54-Xe-119



MAT 5410

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

54-Xe-119



102

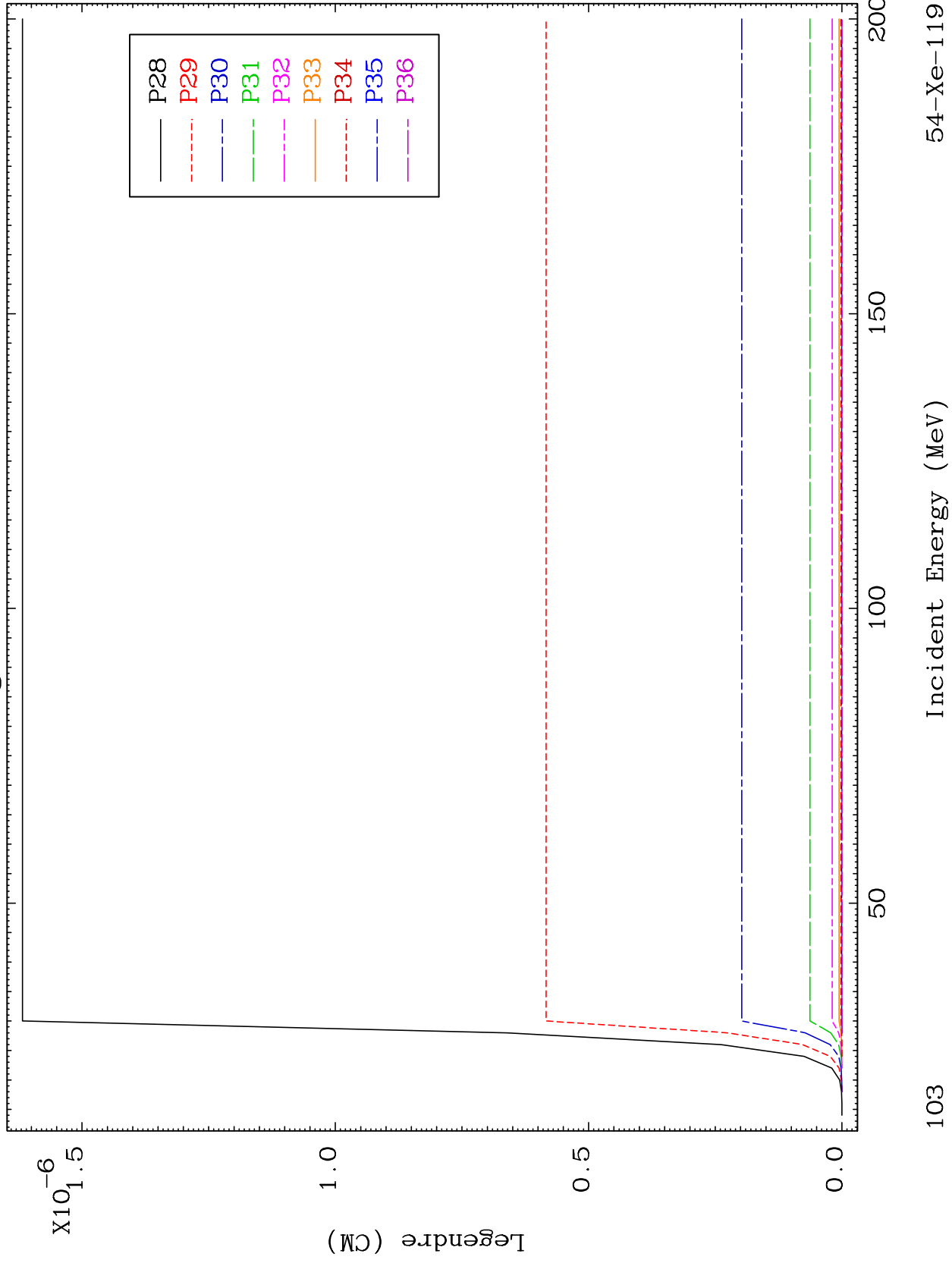
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119



103

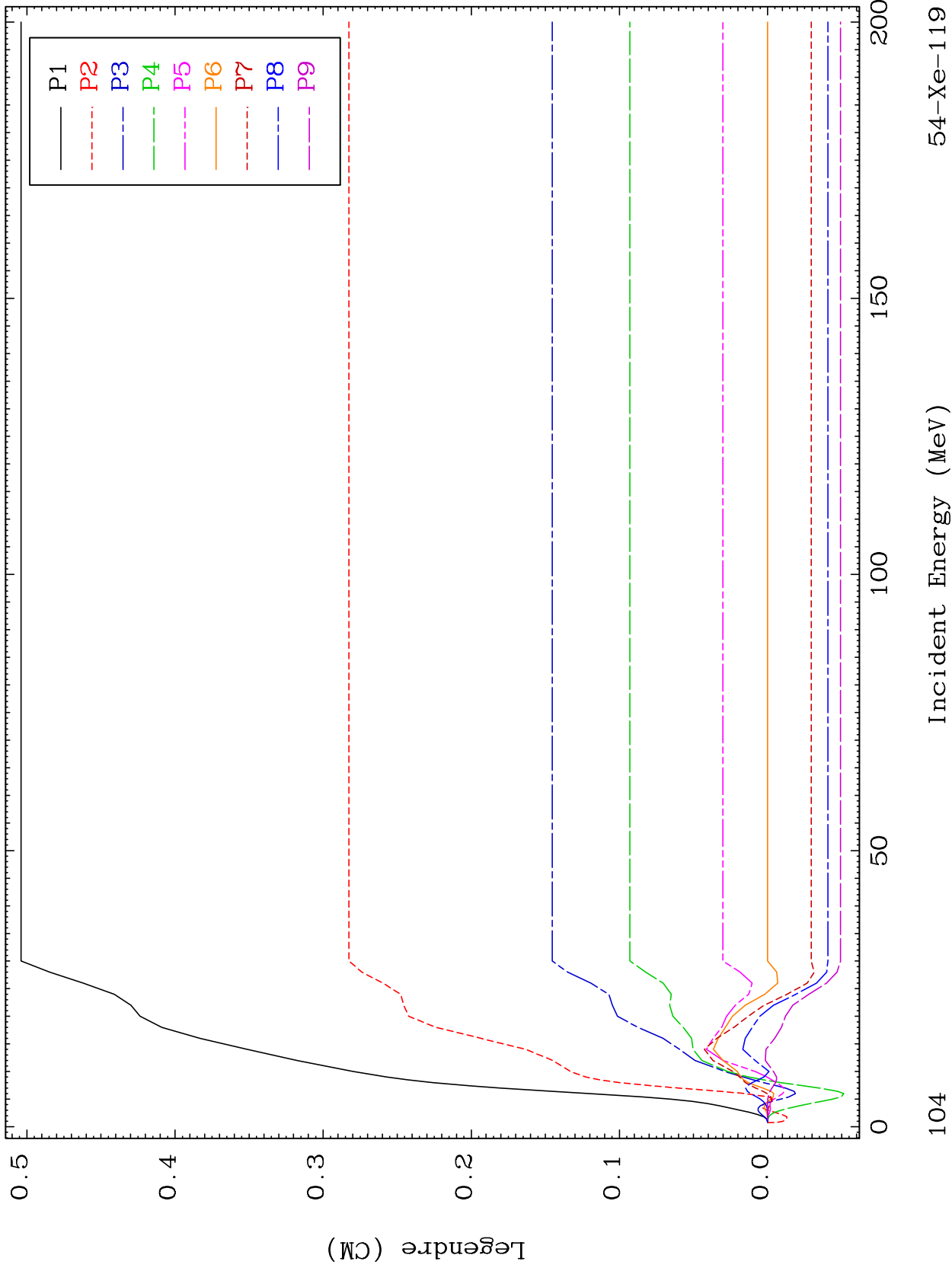
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

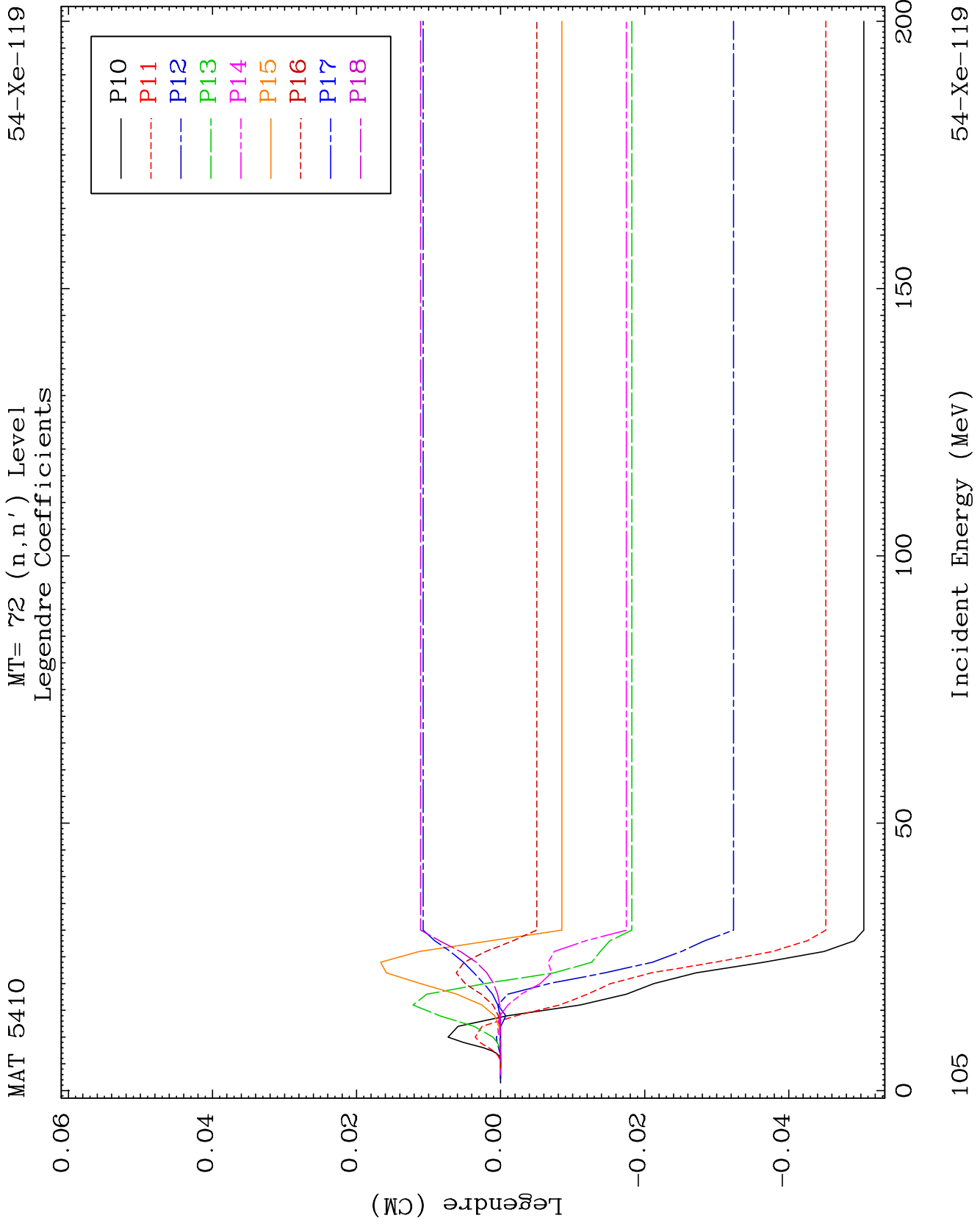
54-Xe-119



54-Xe-119

Incident Energy (MeV)

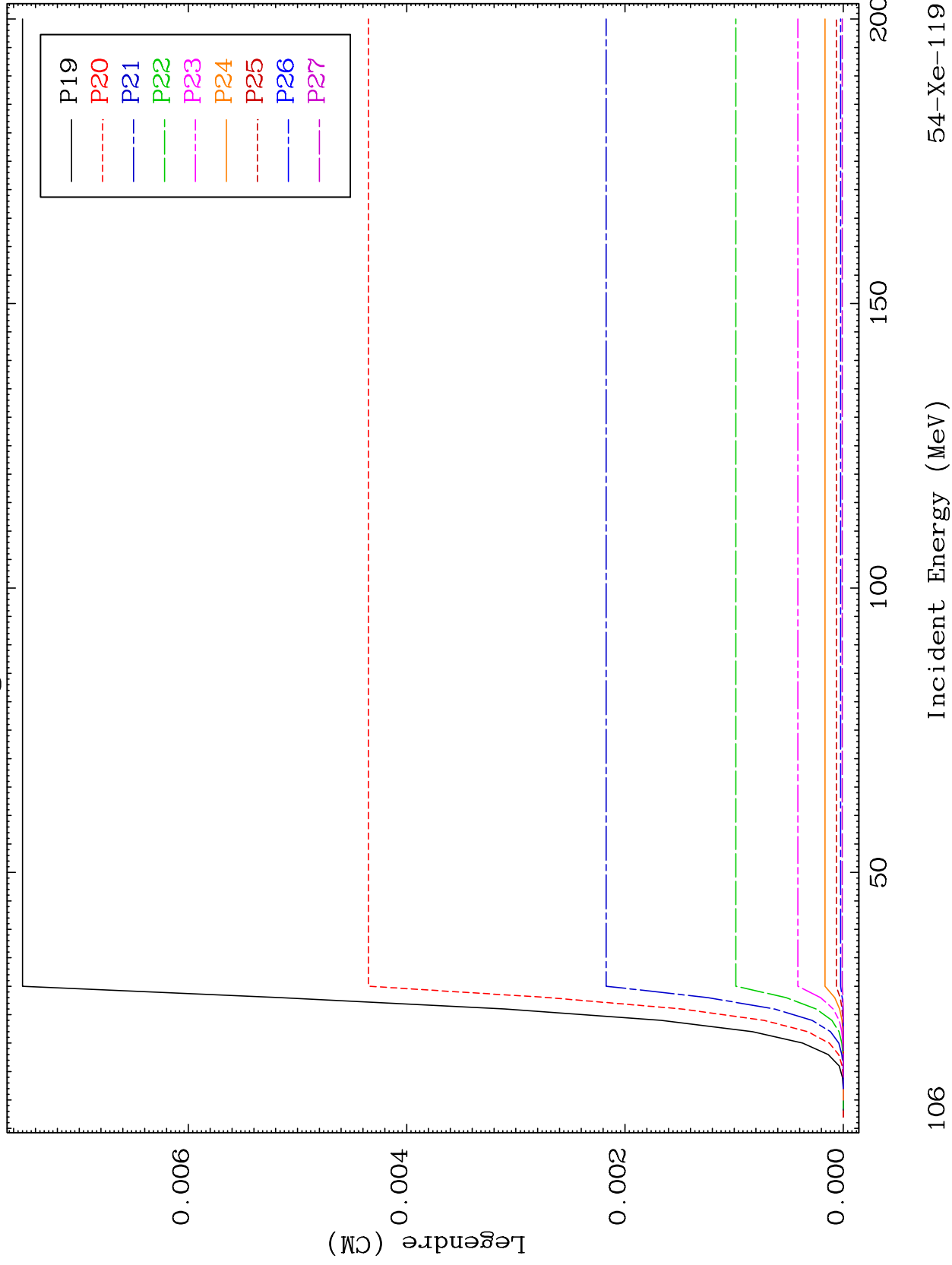
104



MAT 5410

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

54-Xe-119



54-Xe-119

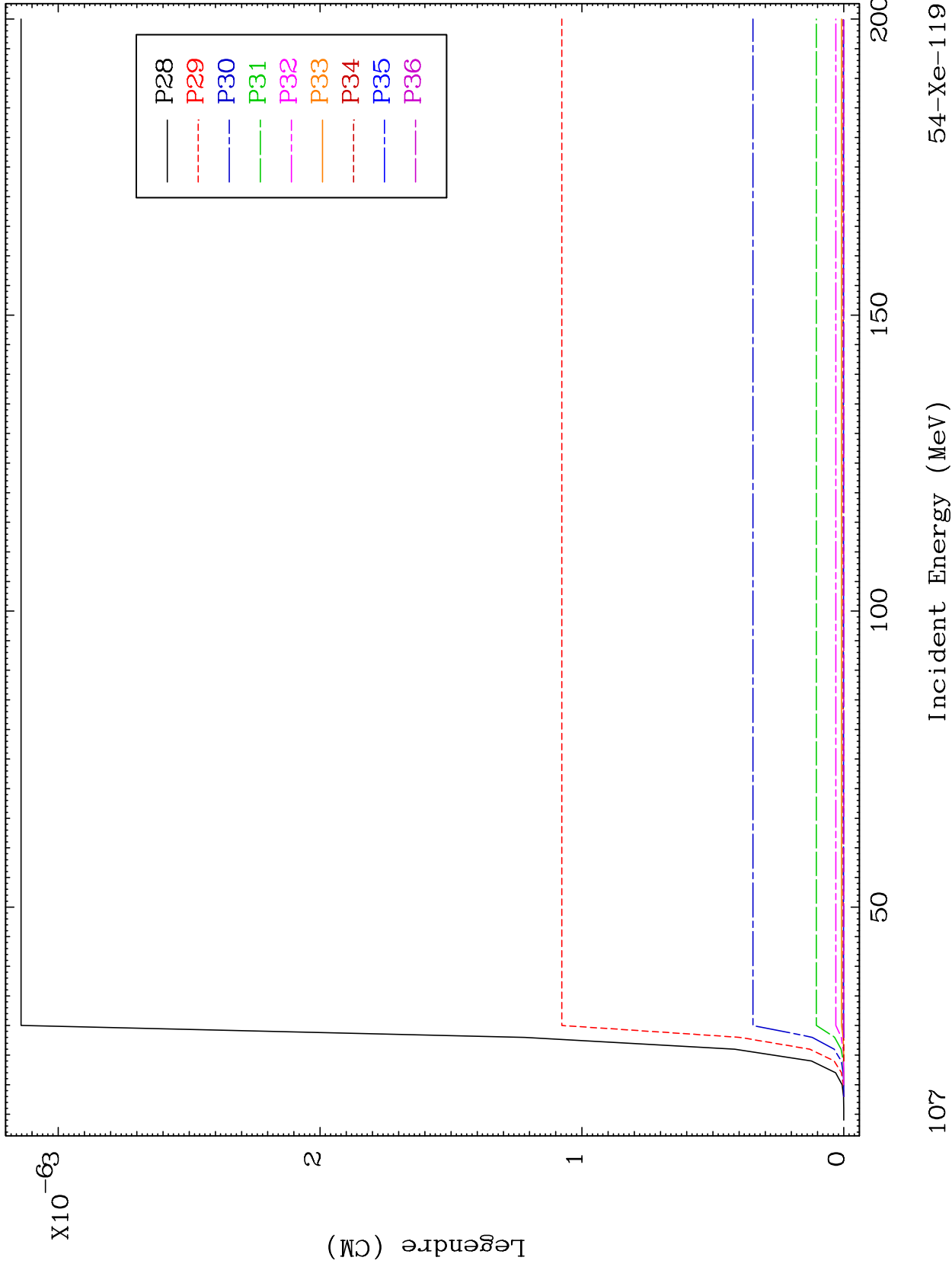
Incident Energy (MeV)

106

MAT 5410

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

54-Xe-119



107

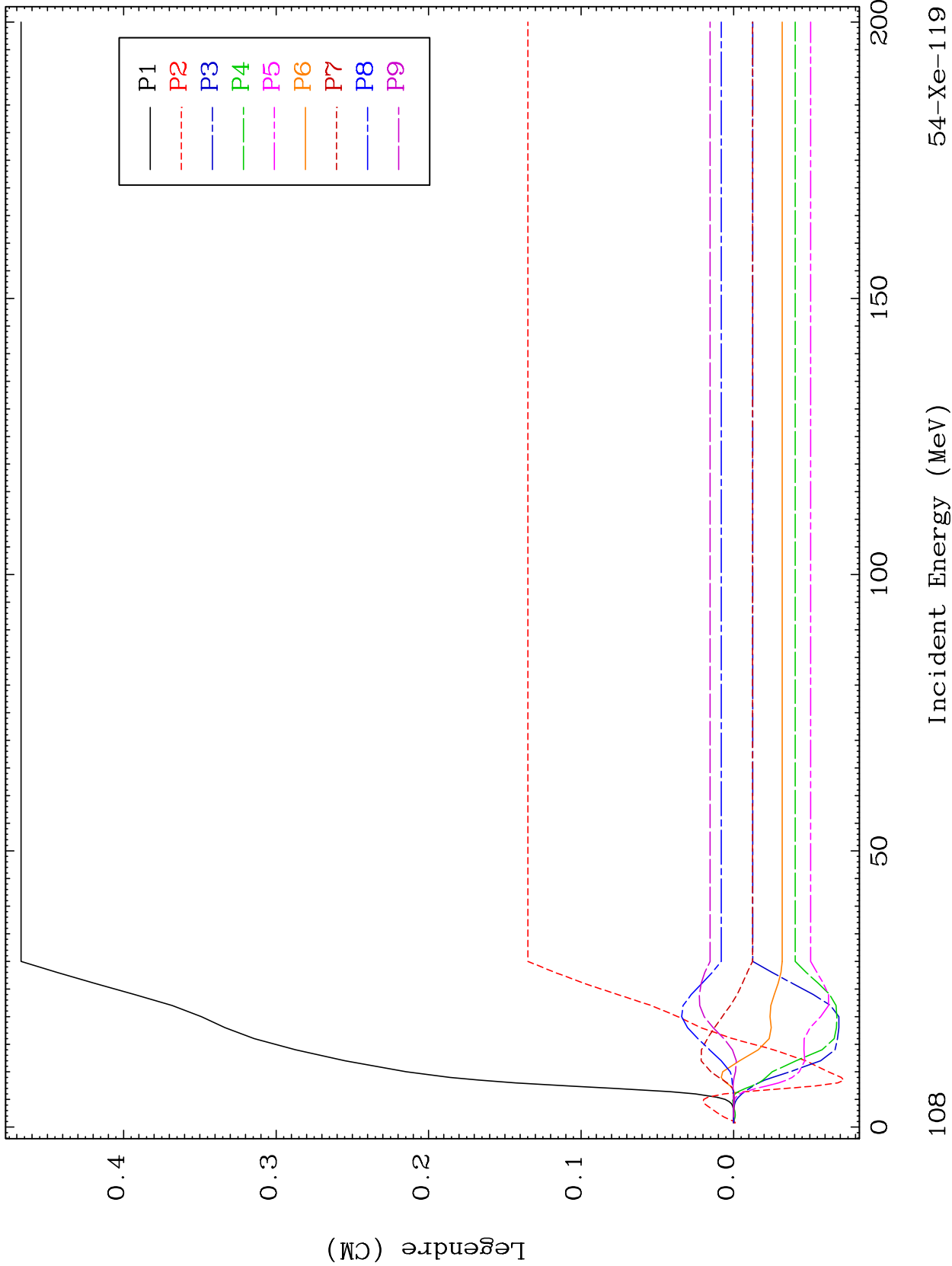
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119



54-Xe-119

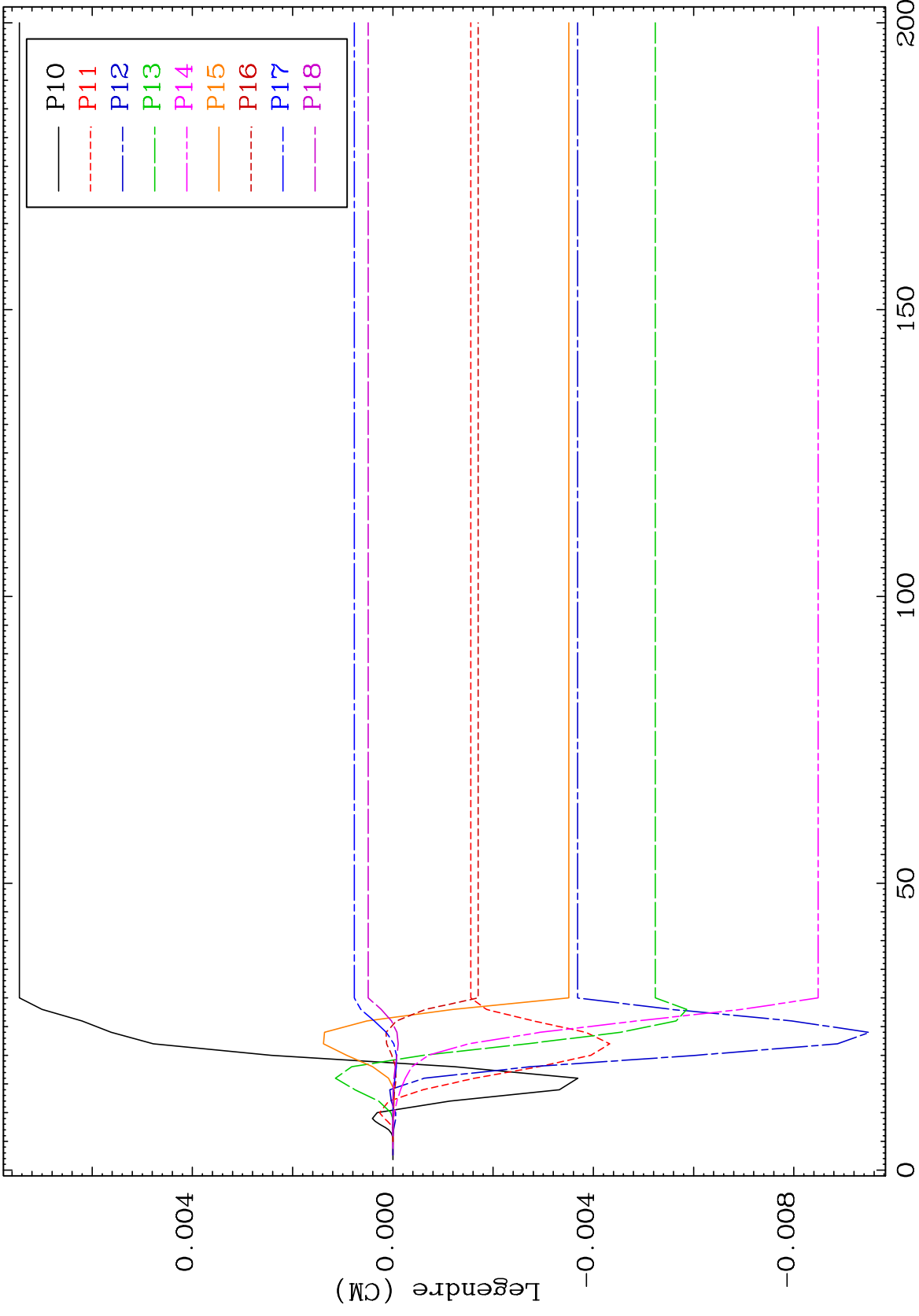
Incident Energy (MeV)

108

MAT 5410

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

54-Xe-119



109

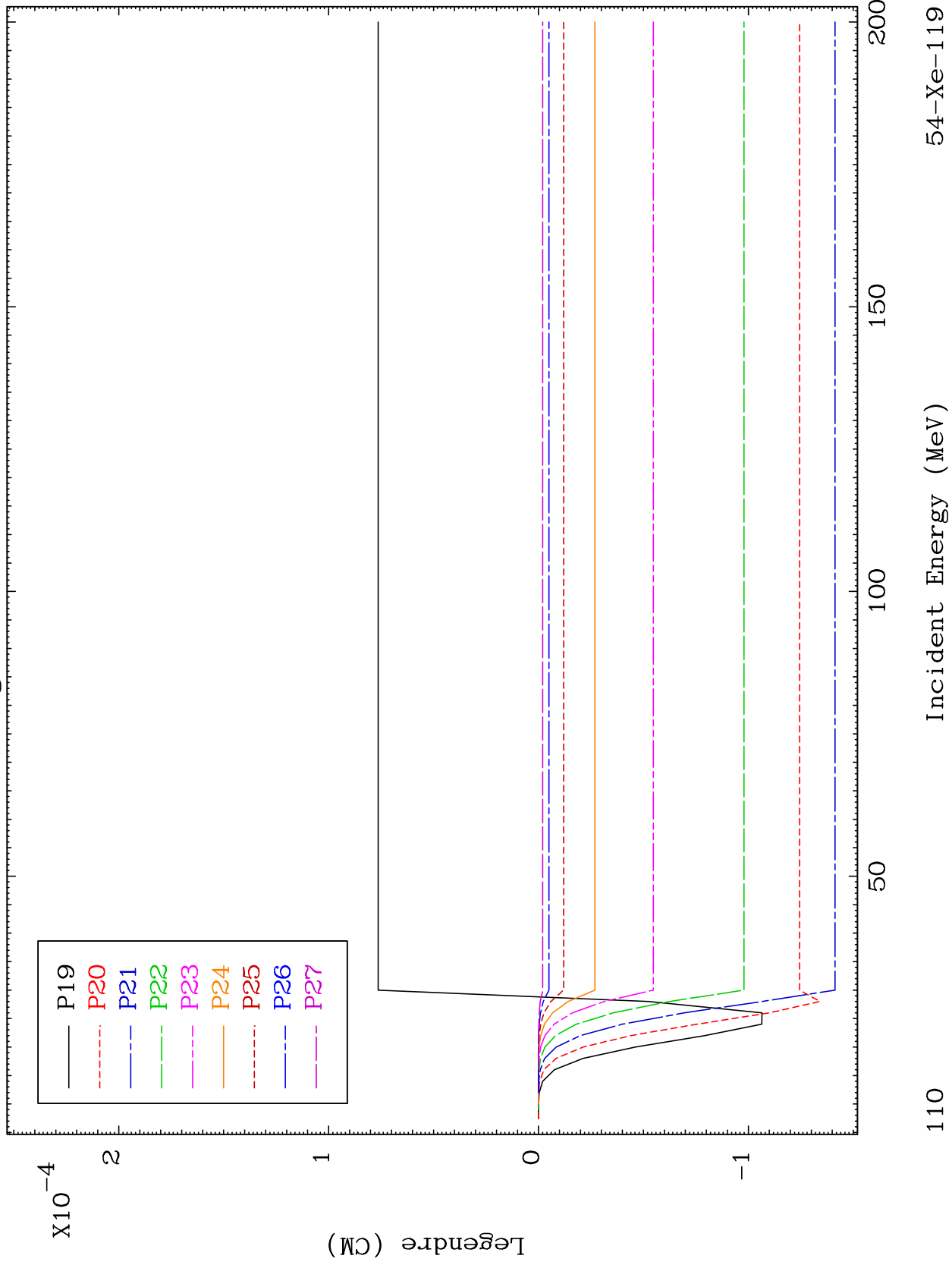
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

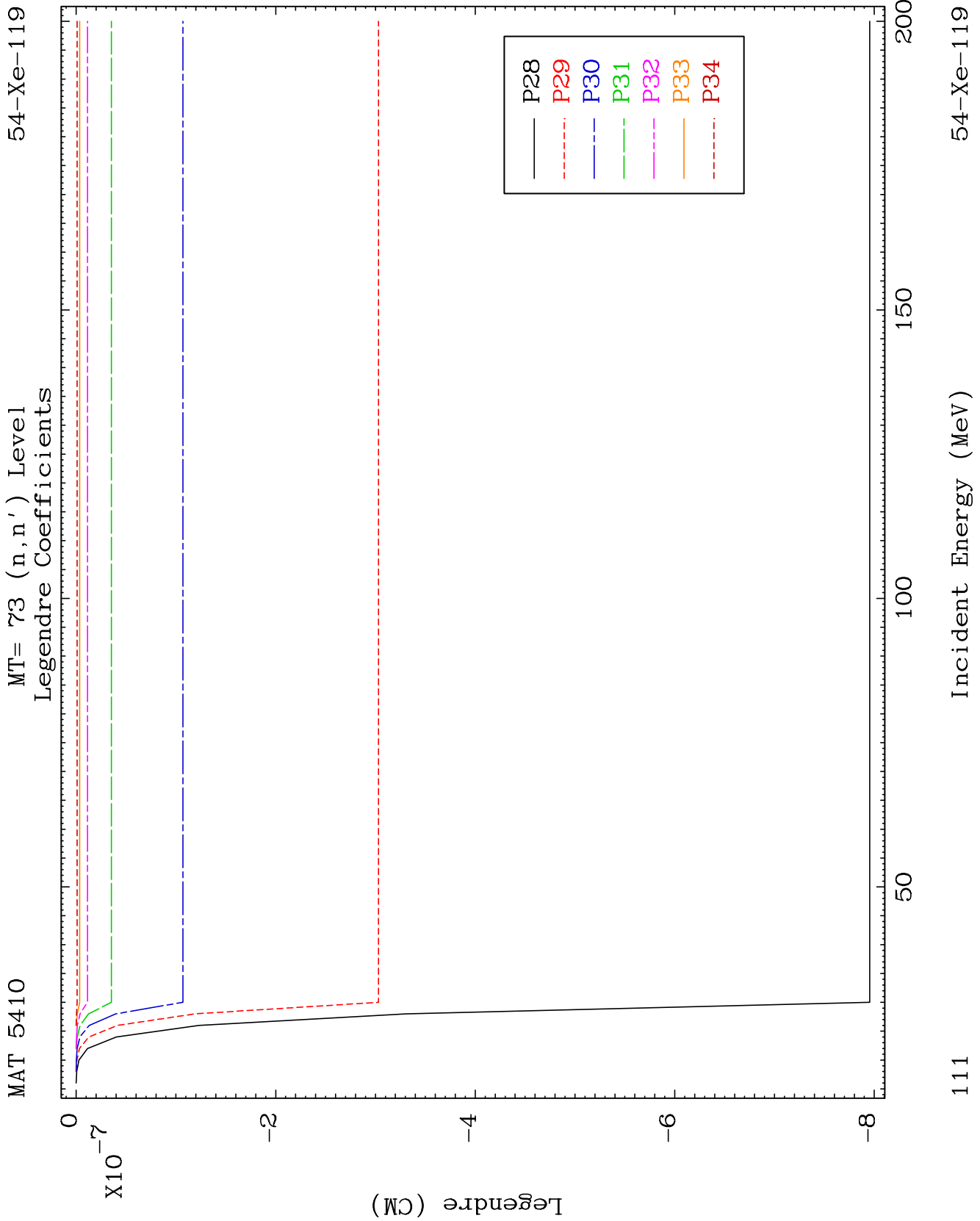
54-Xe-119



110

Incident Energy (MeV)

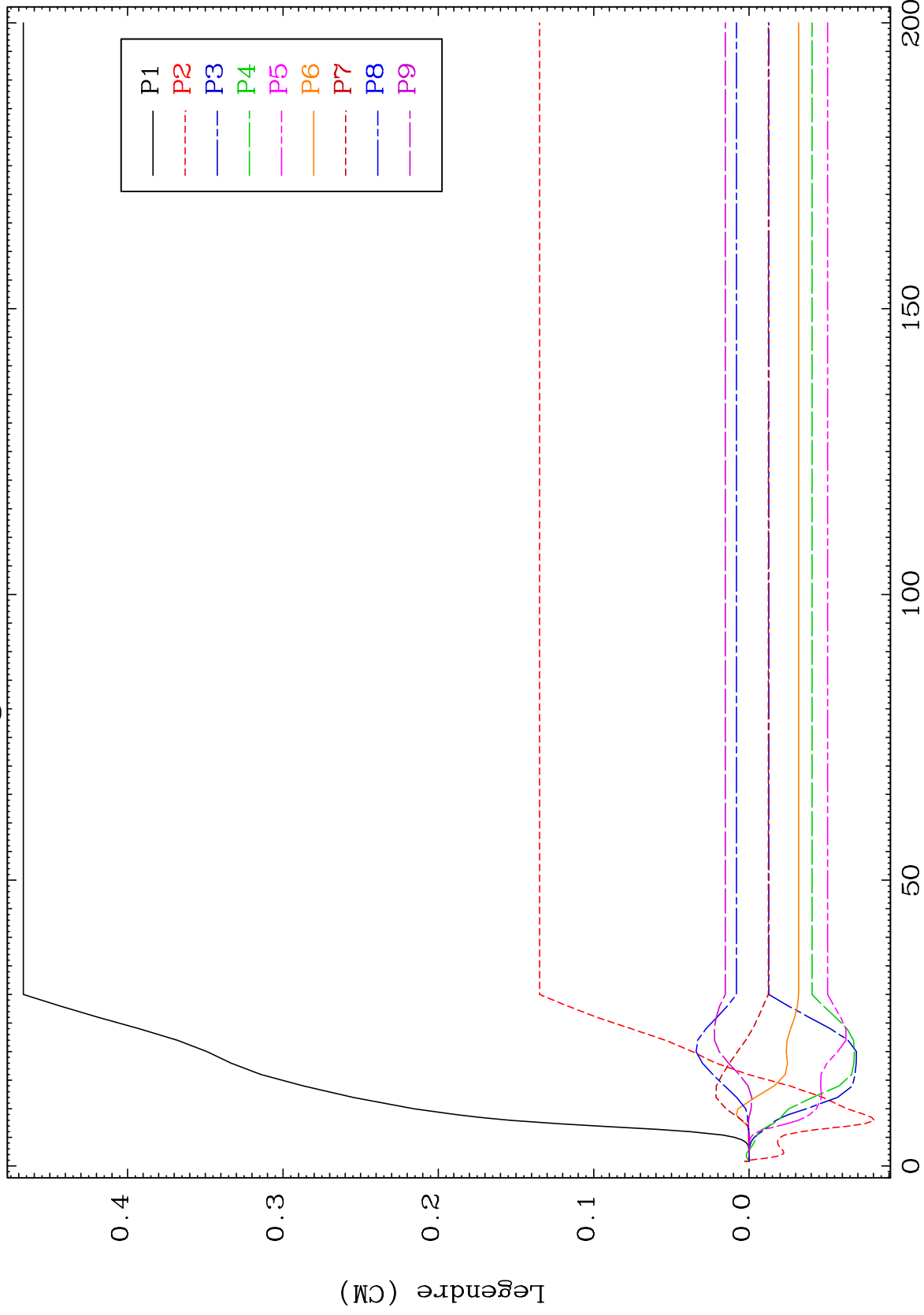
54-Xe-119



MAT 5410

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

54-Xe-119



54-Xe-119

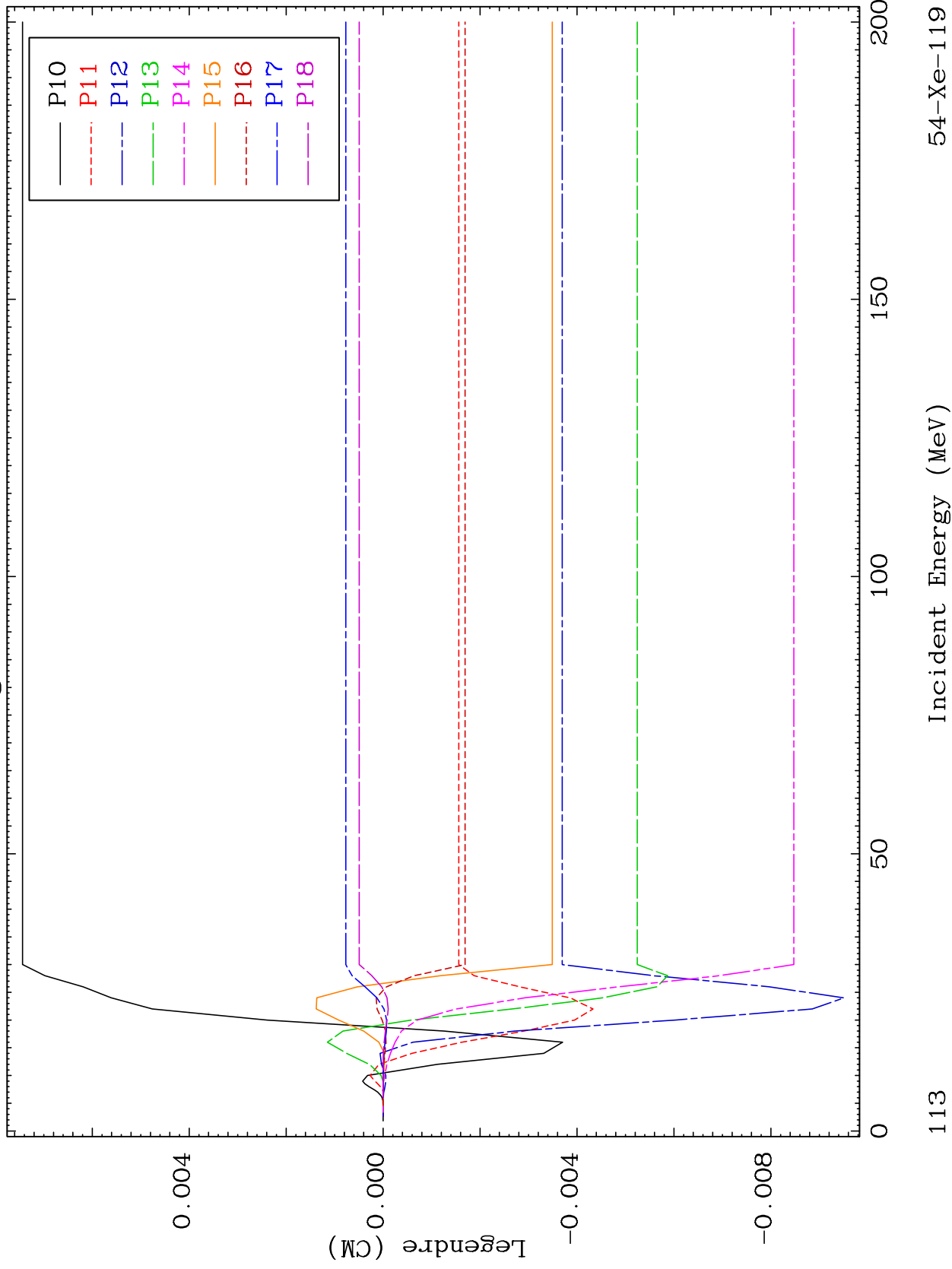
Incident Energy (MeV)

112

MAT 5410

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

54-Xe-119



113

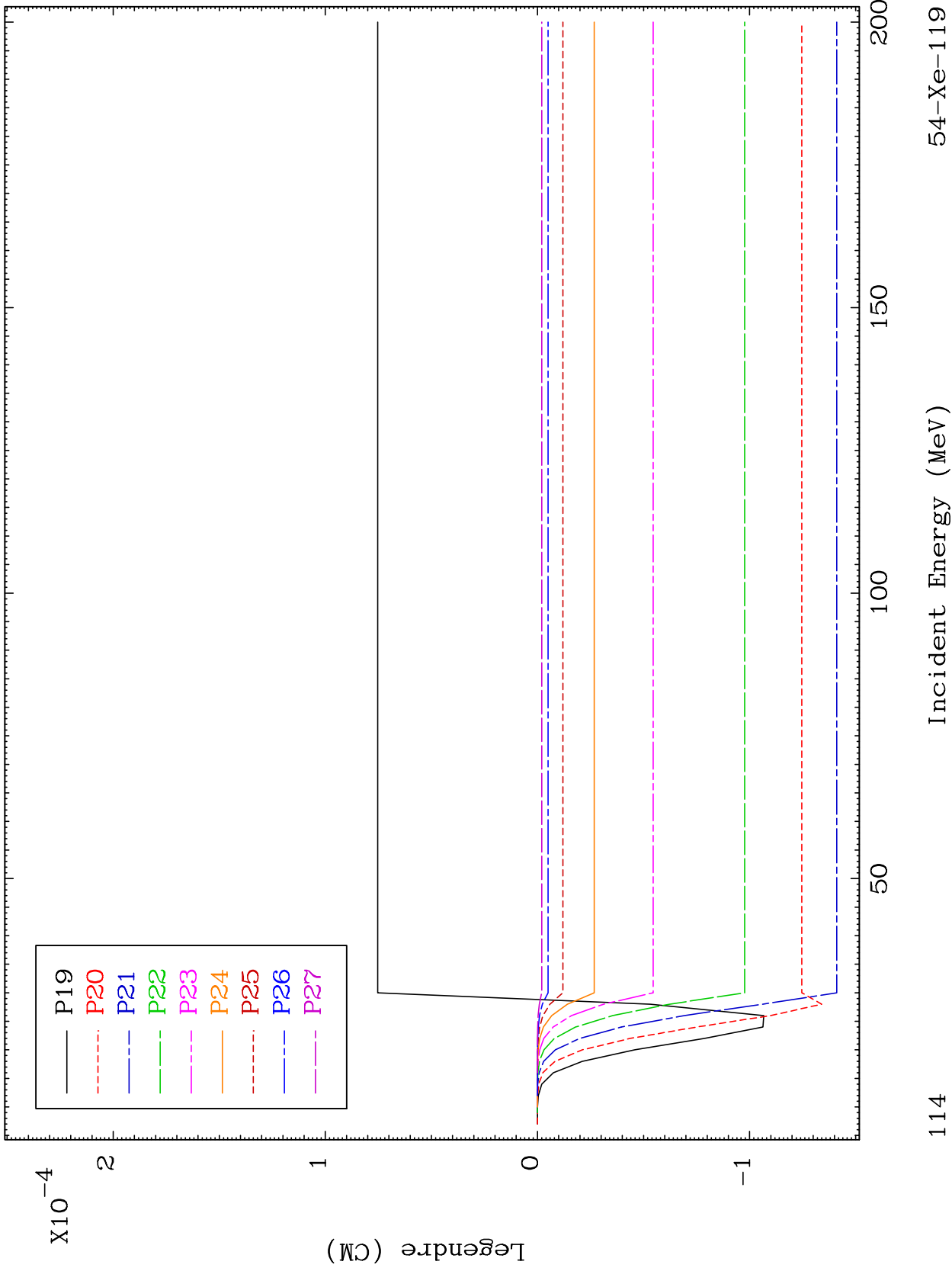
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119



114

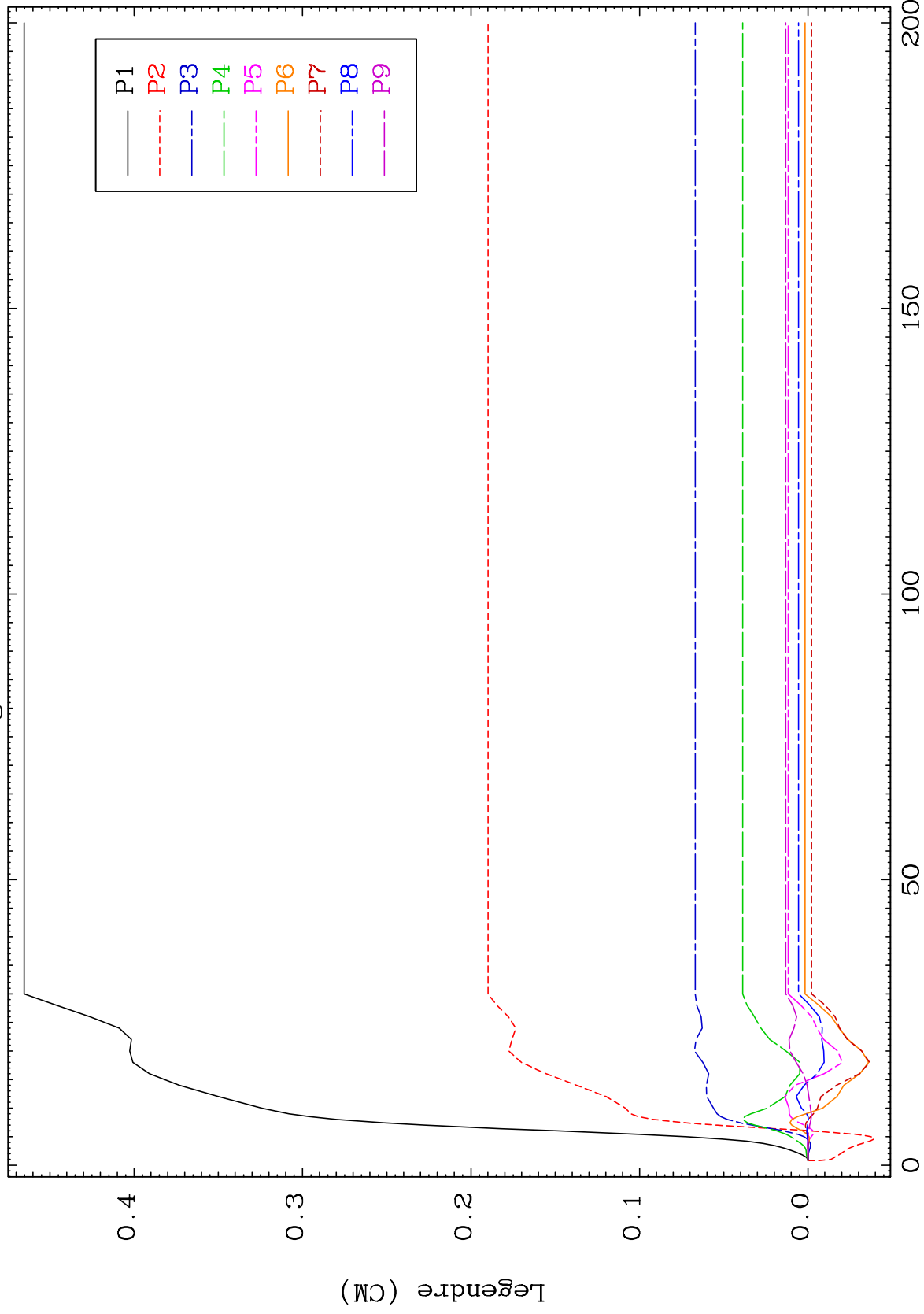
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119



54-Xe-119

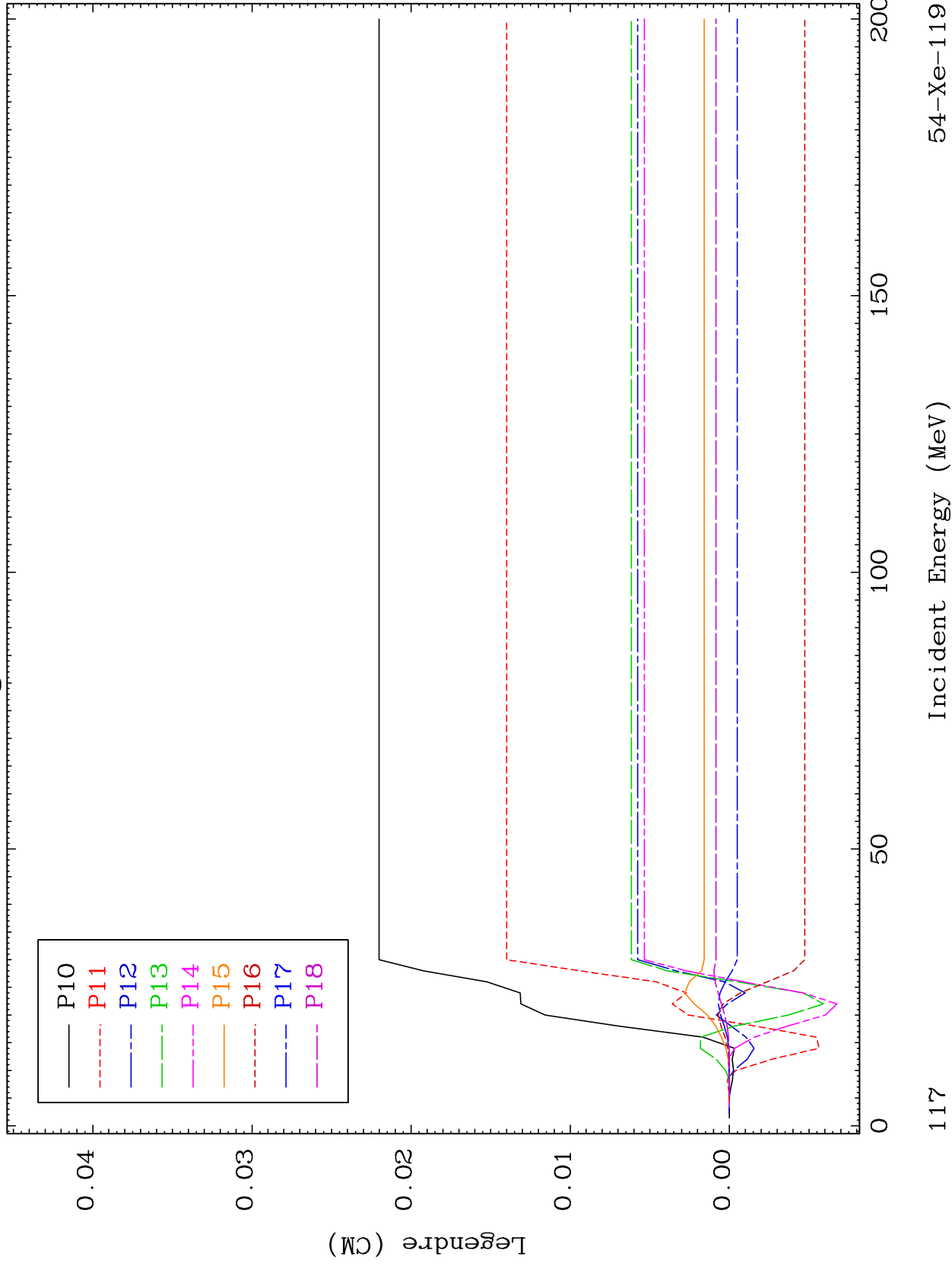
Incident Energy (MeV)

116

MAT 5410

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

54-Xe-119



54-Xe-119

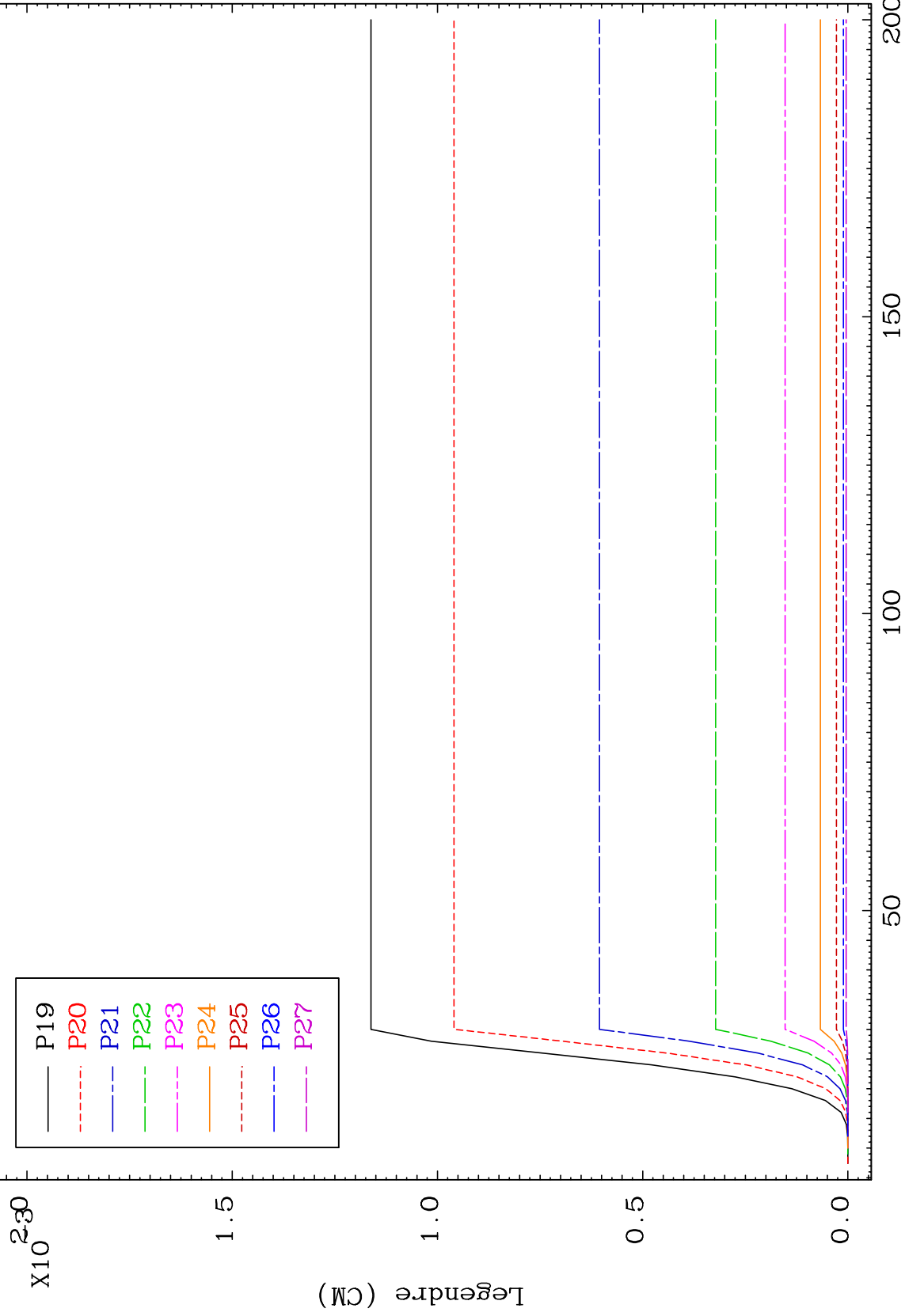
Incident Energy (MeV)

117

MAT 5410

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

54-Xe-119



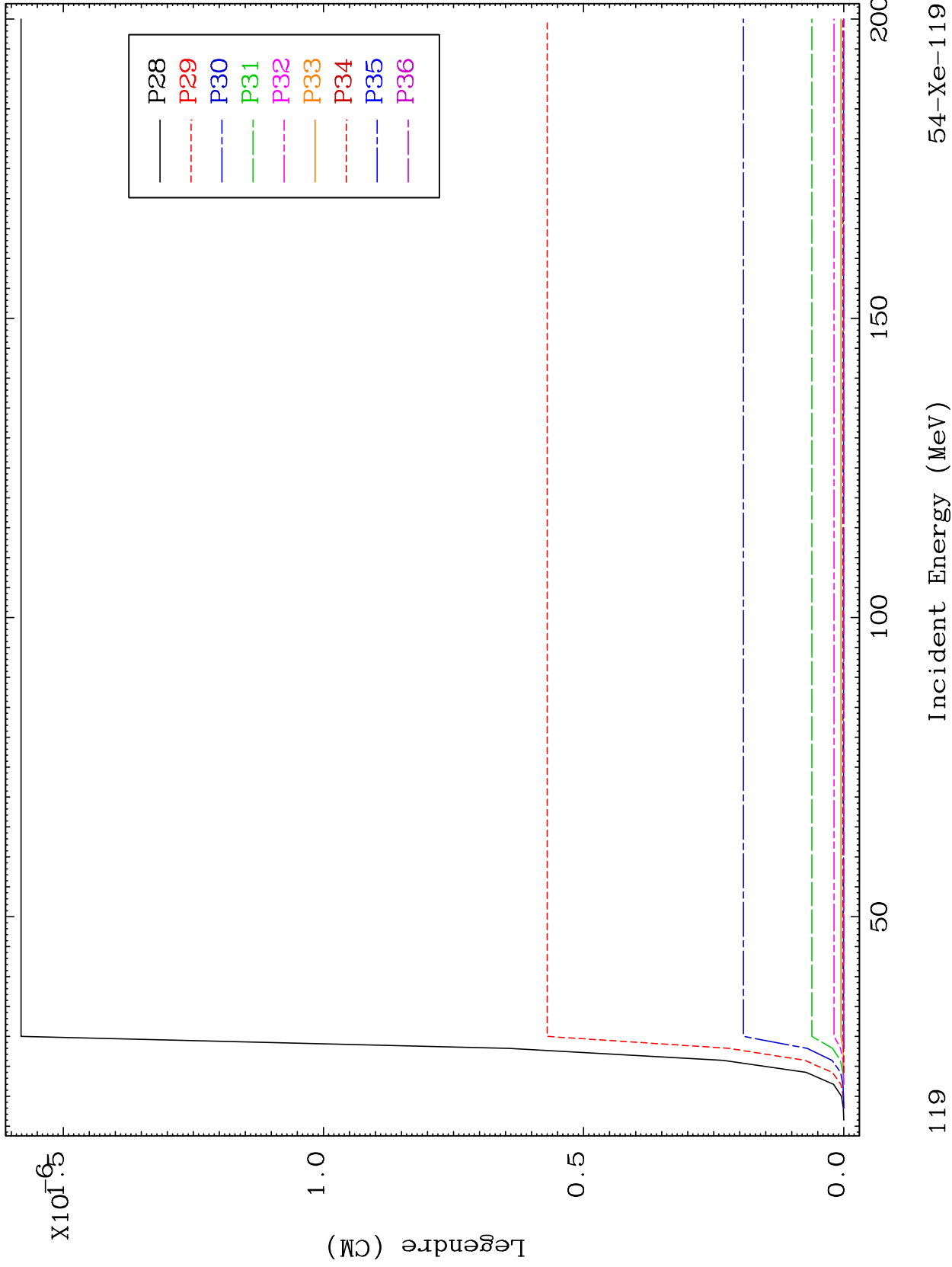
118

54-Xe-119

MAT 5410

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

54-Xe-119



119

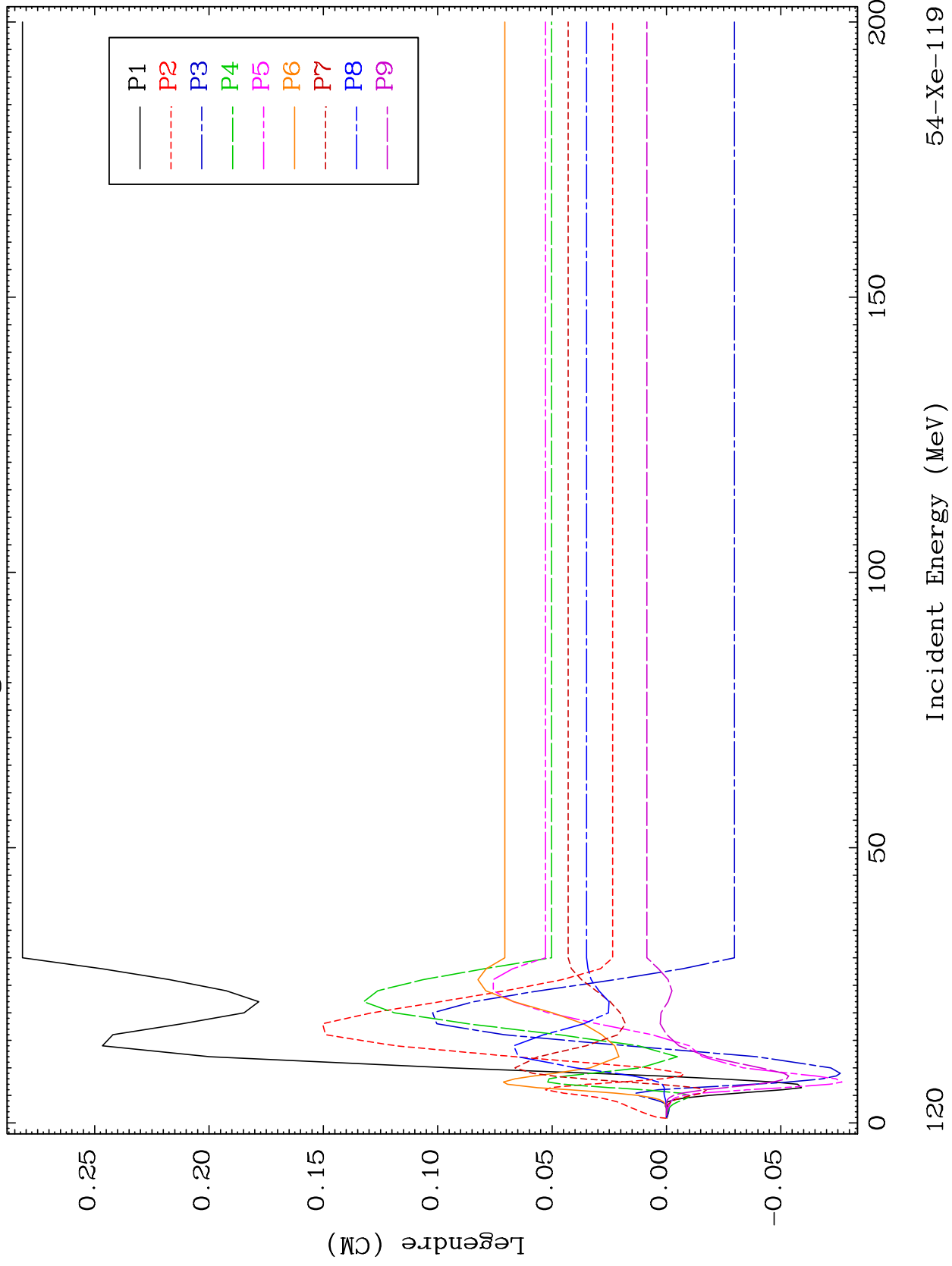
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119



54-Xe-119

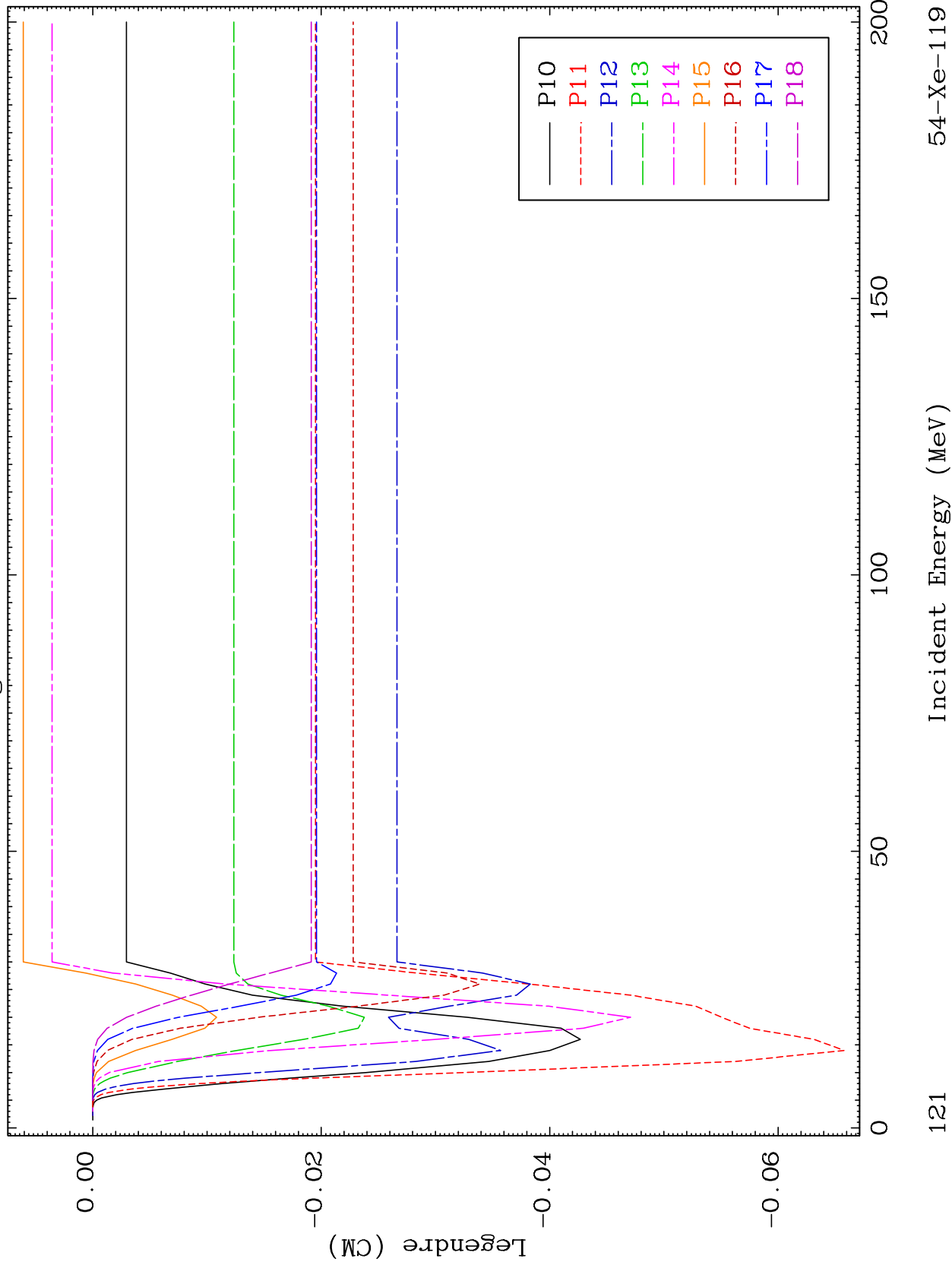
Incident Energy (MeV)

120

MAT 5410

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

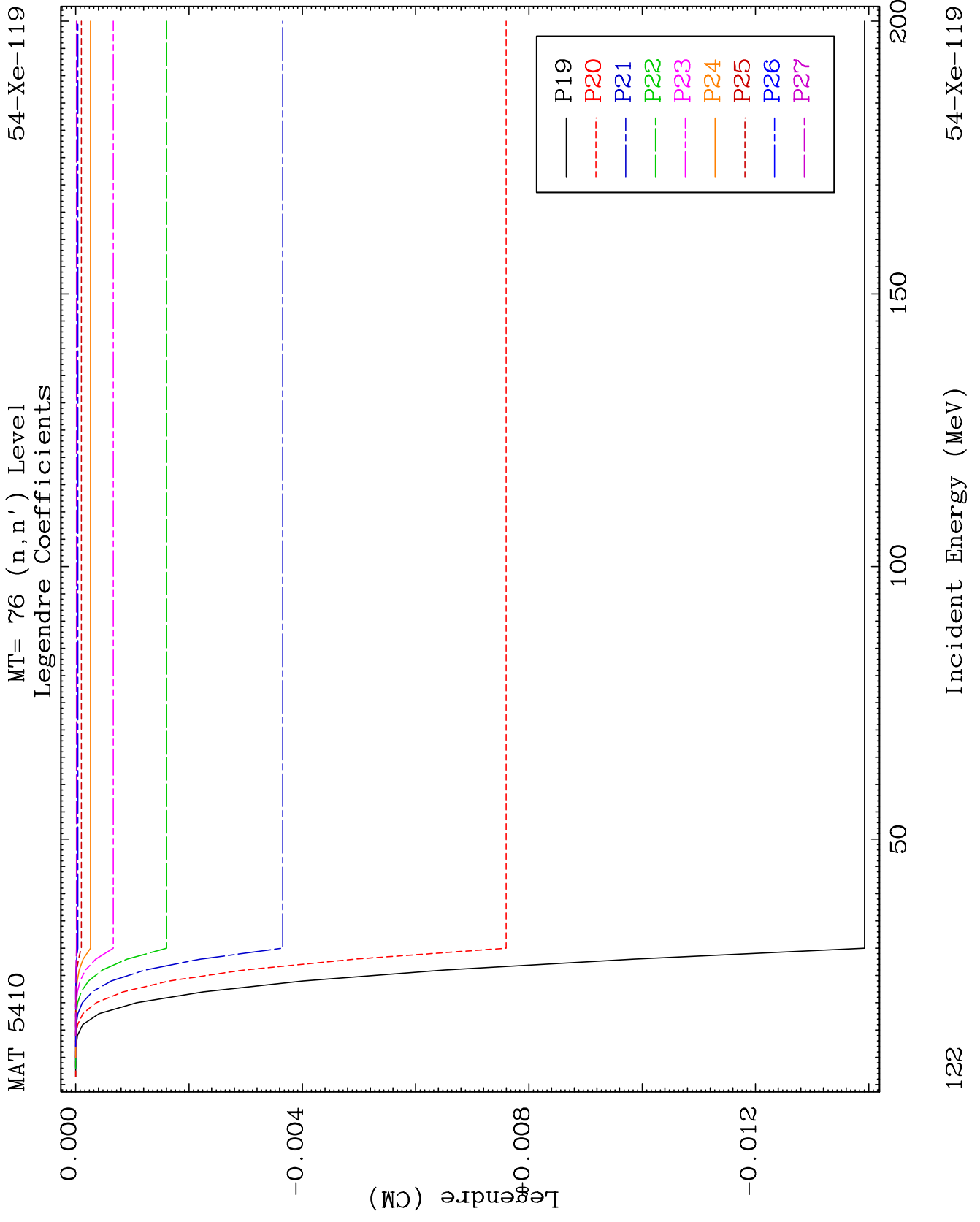
54-Xe-119

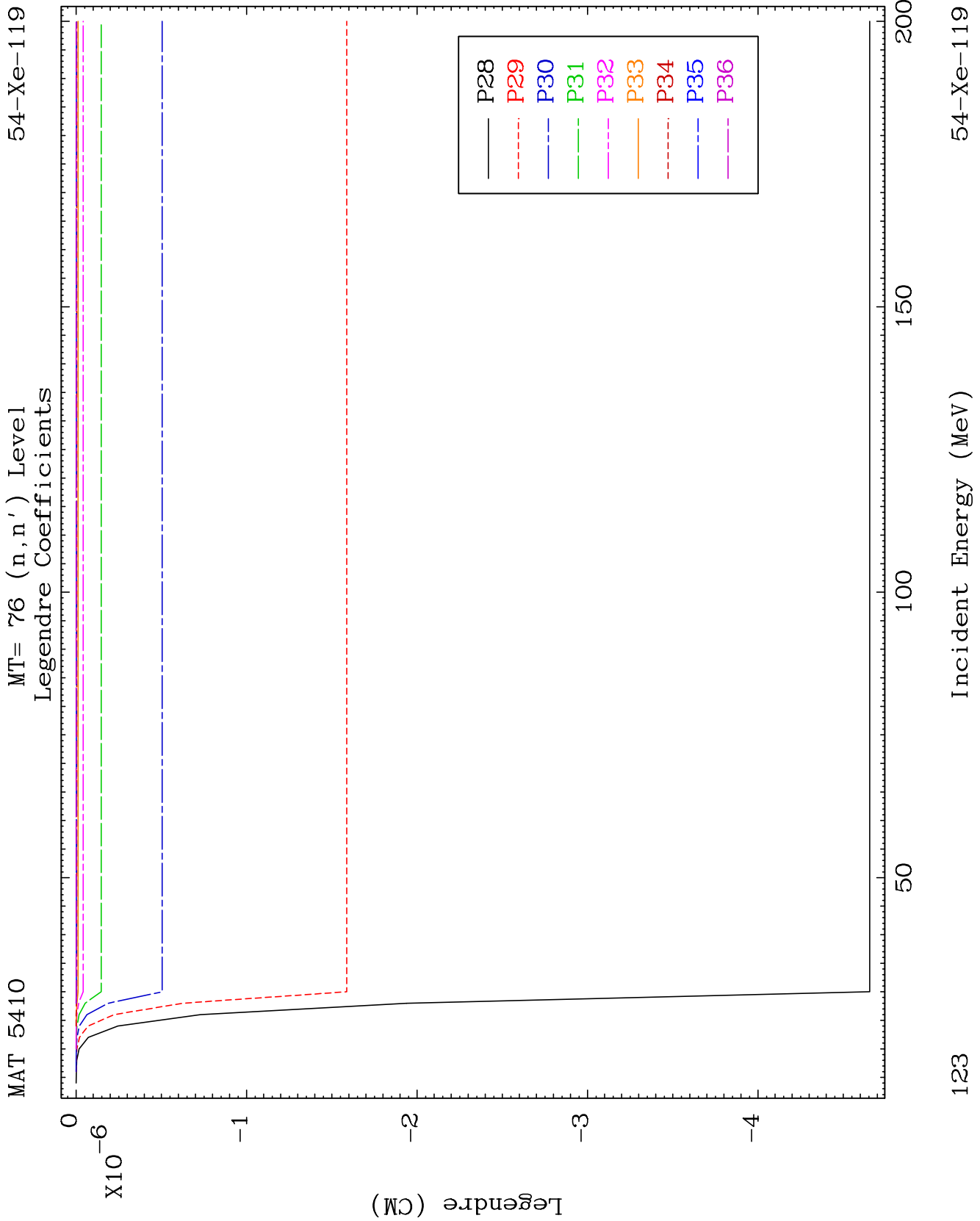


54-Xe-119

Incident Energy (MeV)

121

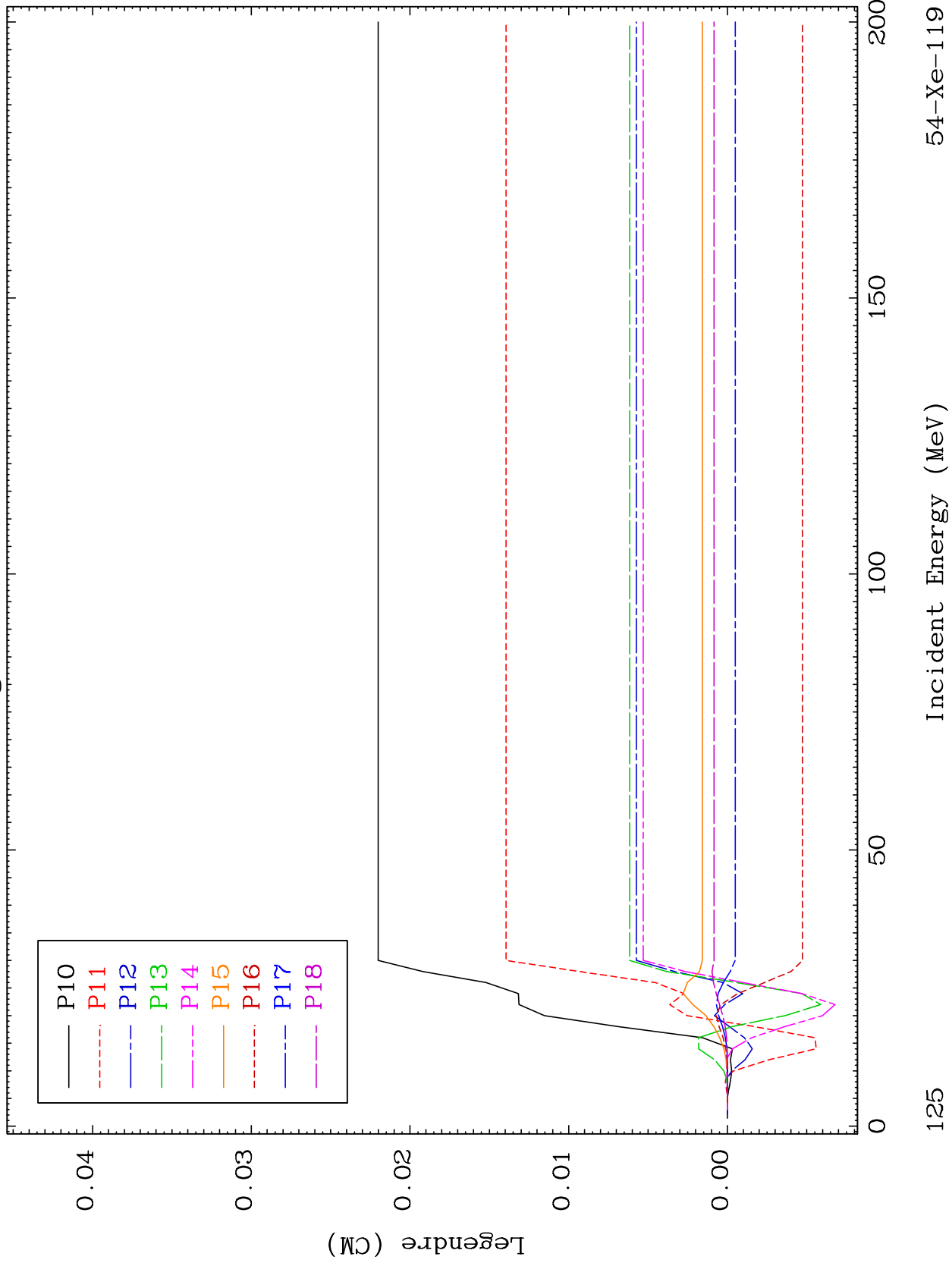




MAT 5410

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

54-Xe-119



54-Xe-119

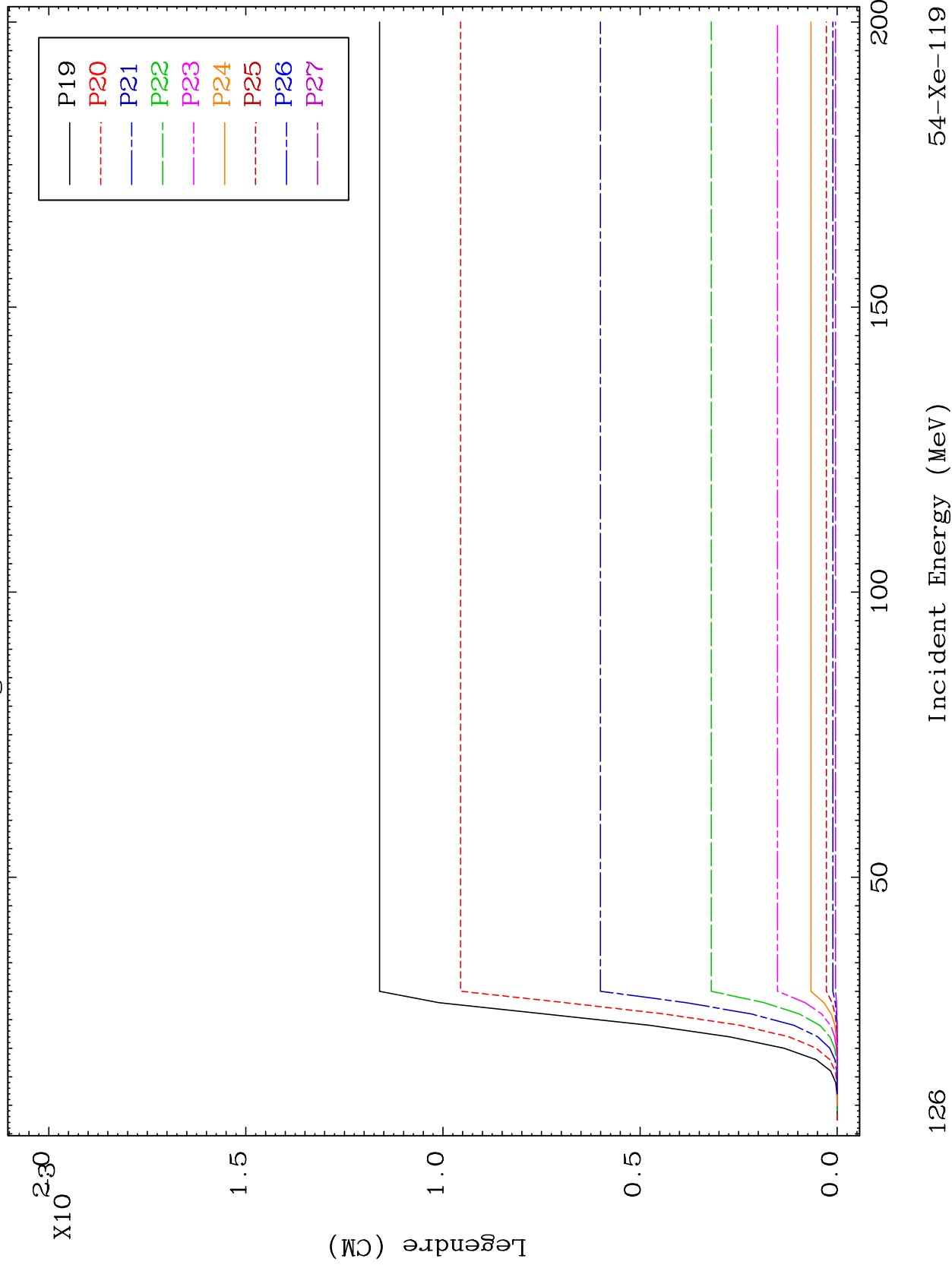
Incident Energy (MeV)

125

MAT 5410

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

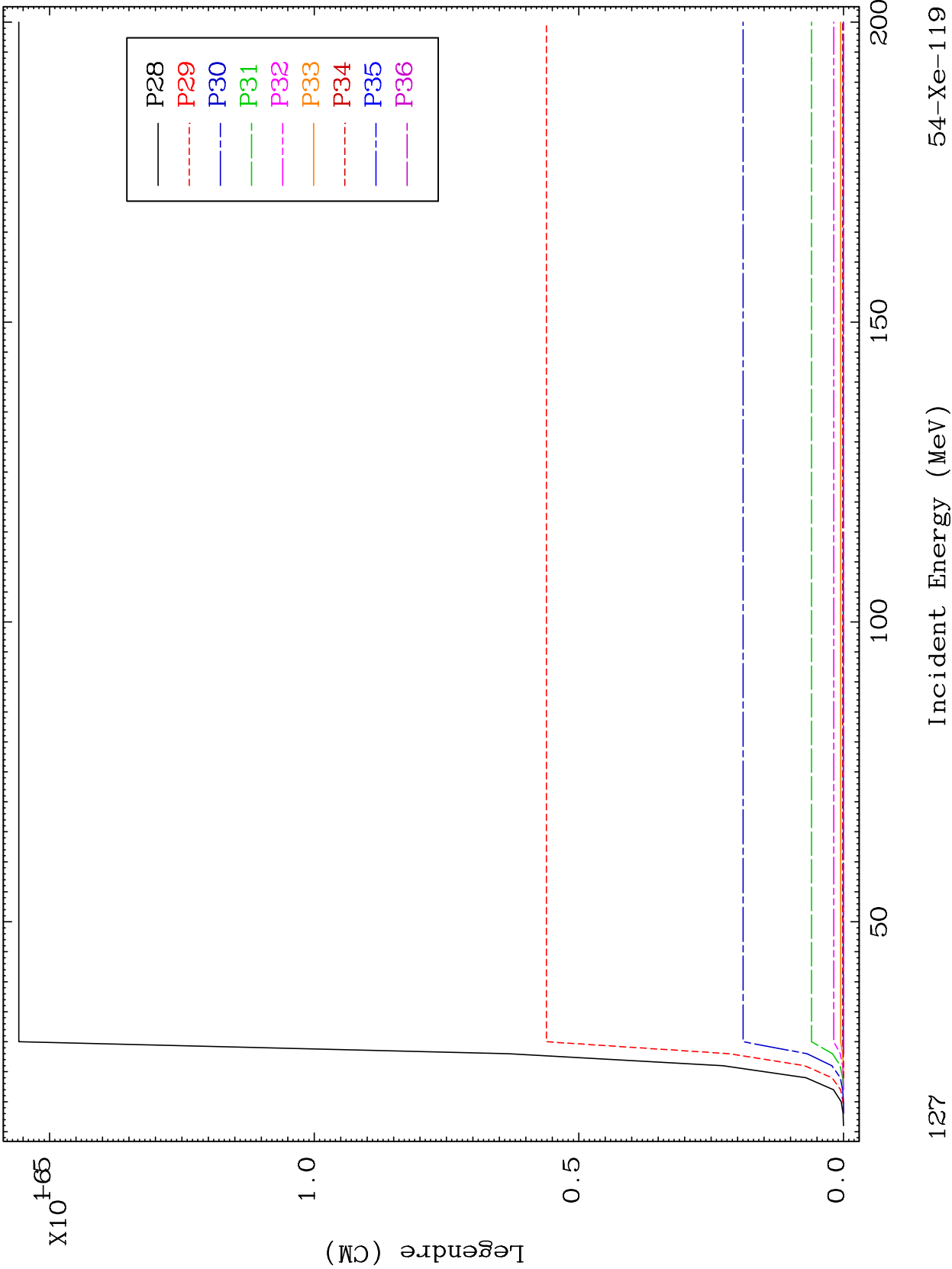
54-Xe-119



MAT 5410

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

54-Xe-119



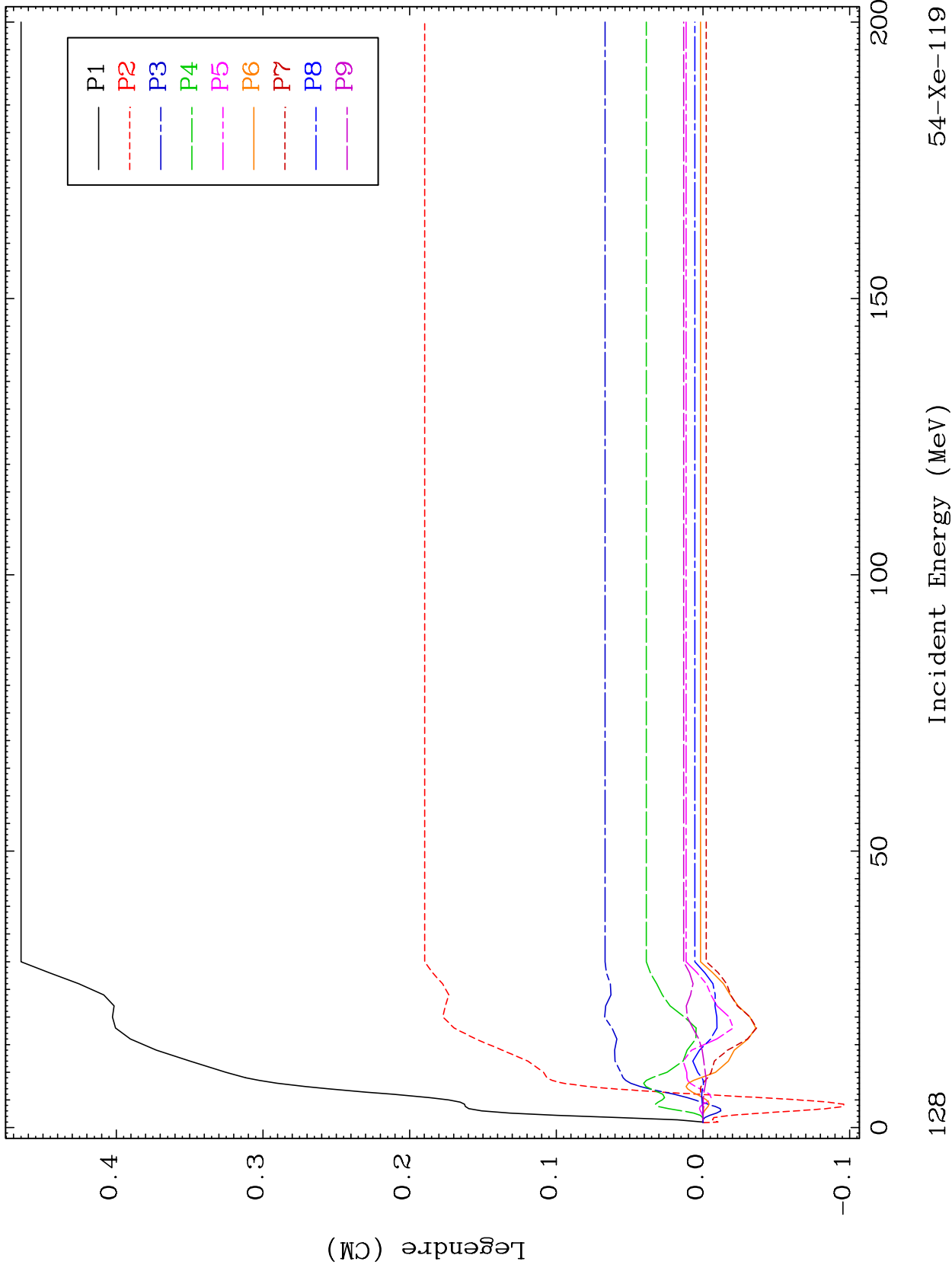
127

54-Xe-119

MAT 5410

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

54-Xe-119



54-Xe-119

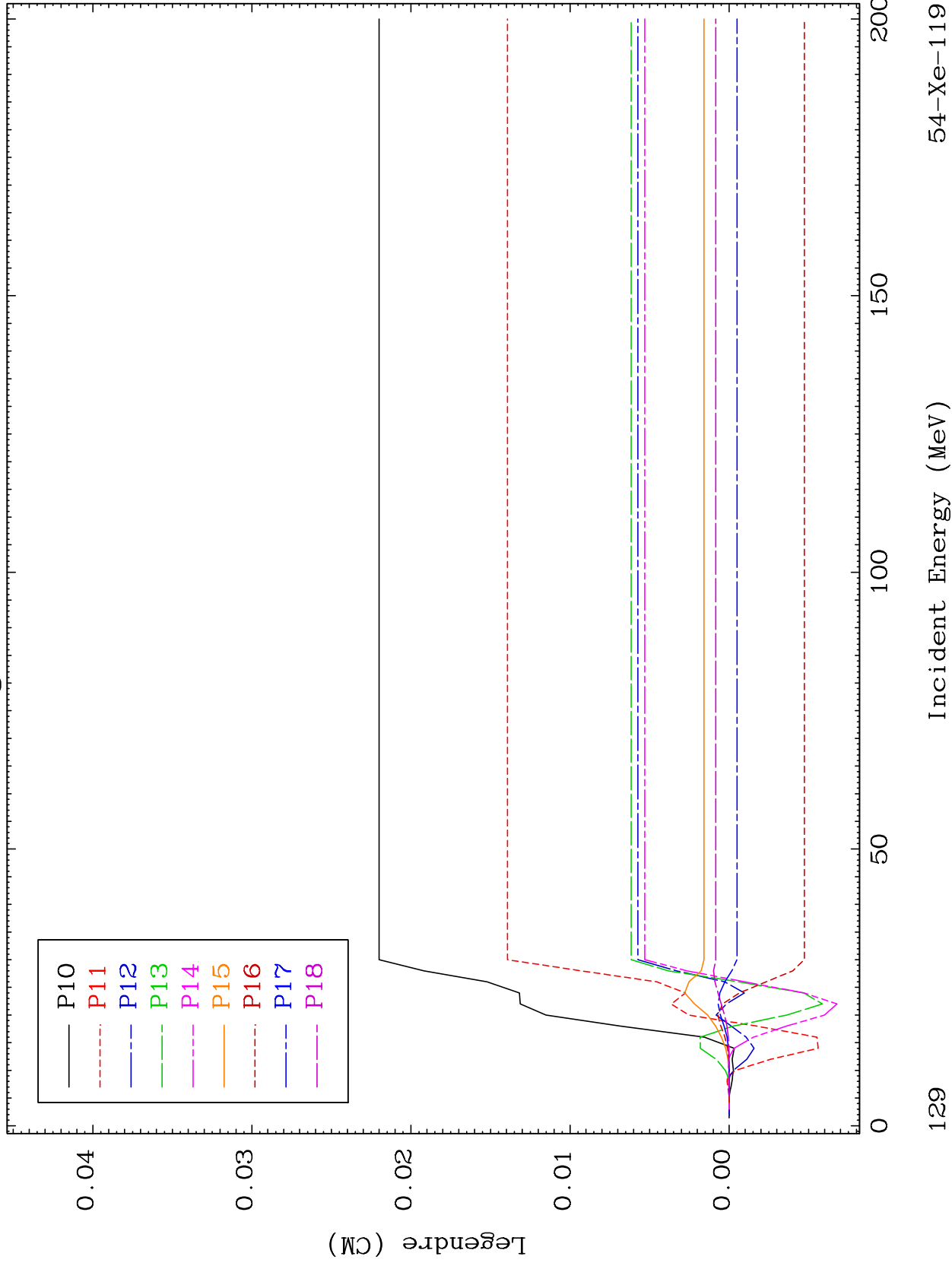
Incident Energy (MeV)

128

MAT 5410

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

54-Xe-119



54-Xe-119

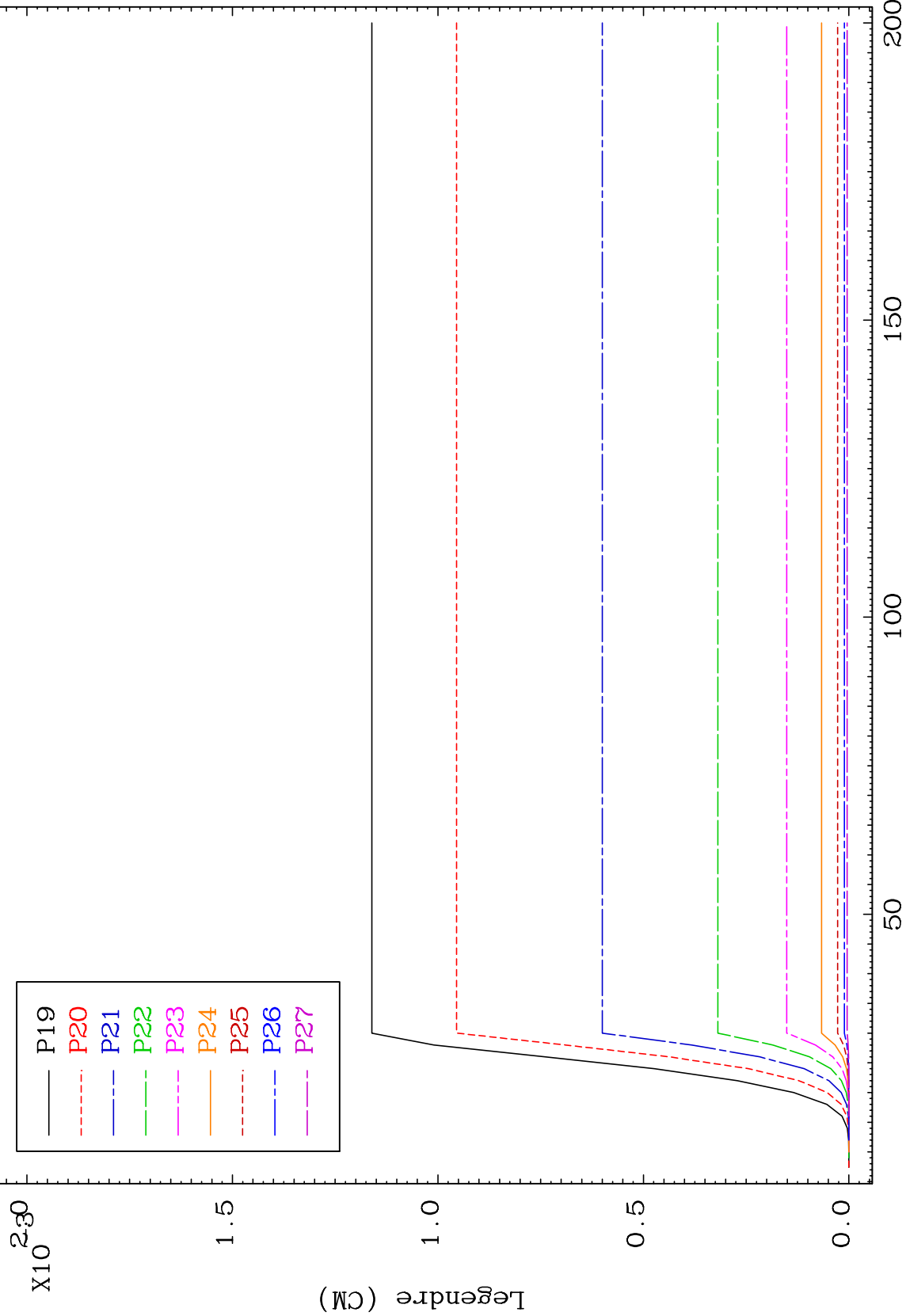
Incident Energy (MeV)

129

MAT 5410

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

54-Xe-119



130

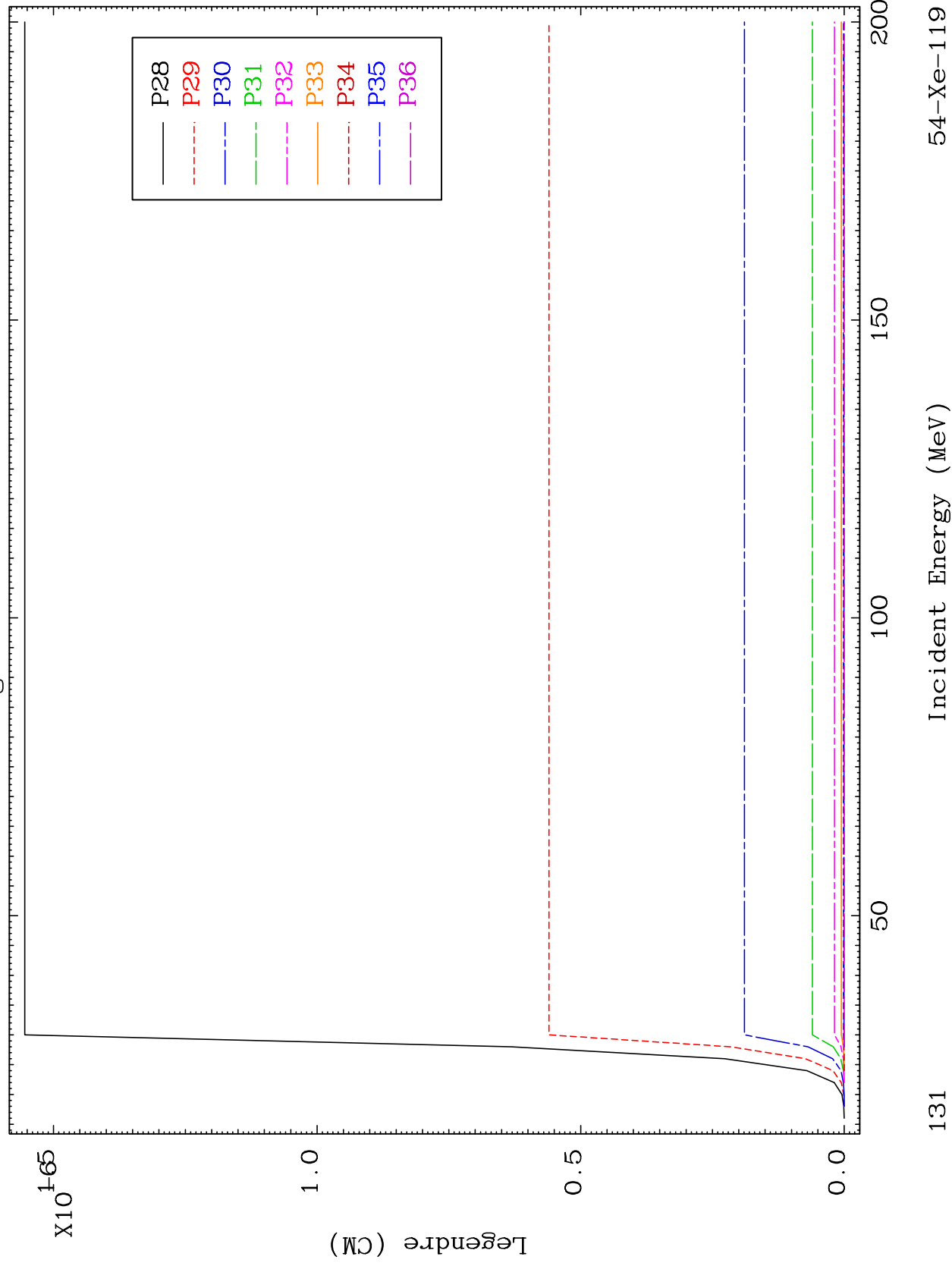
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

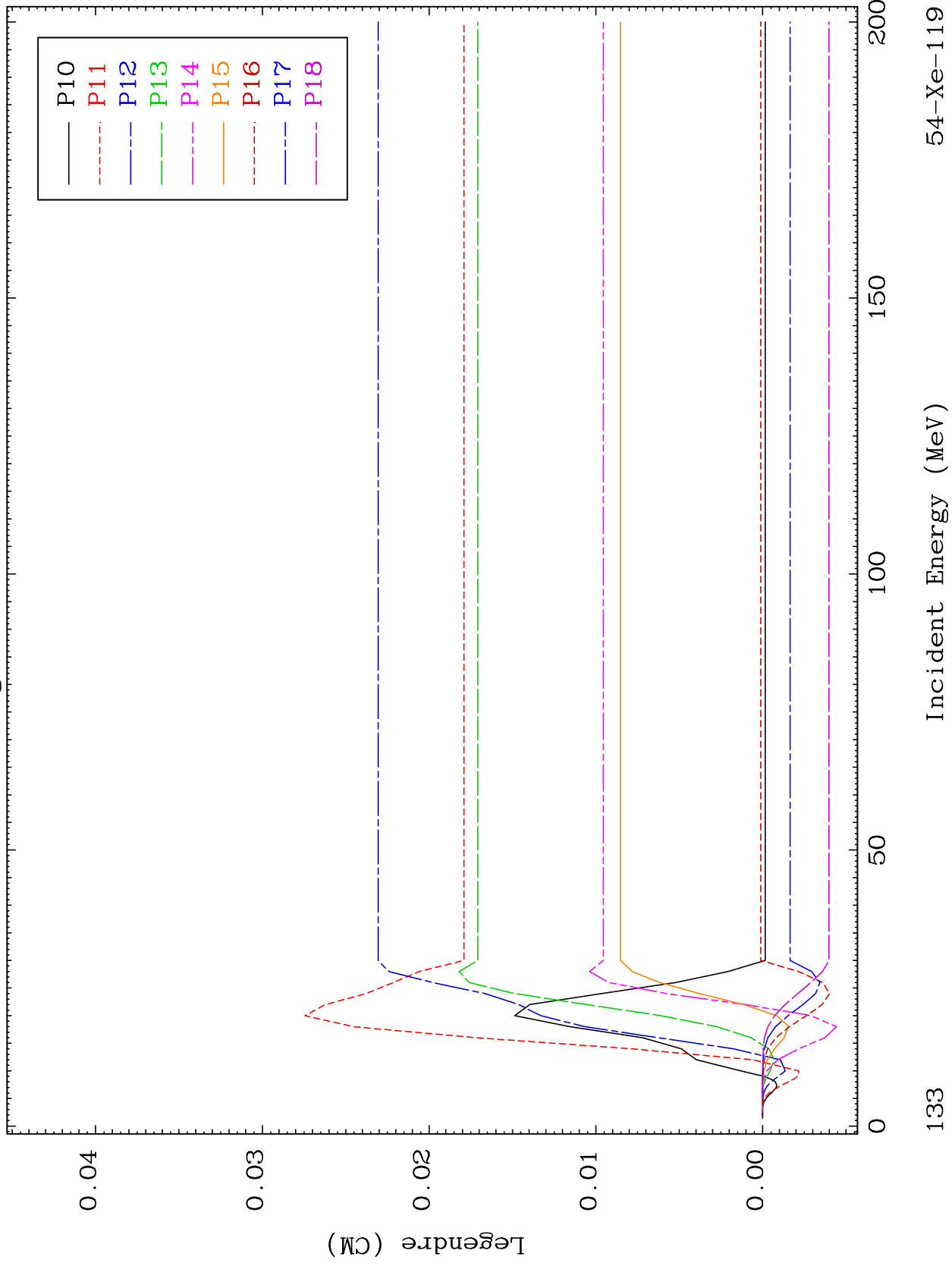
54-Xe-119



MAT 5410

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

54-Xe-119



54-Xe-119

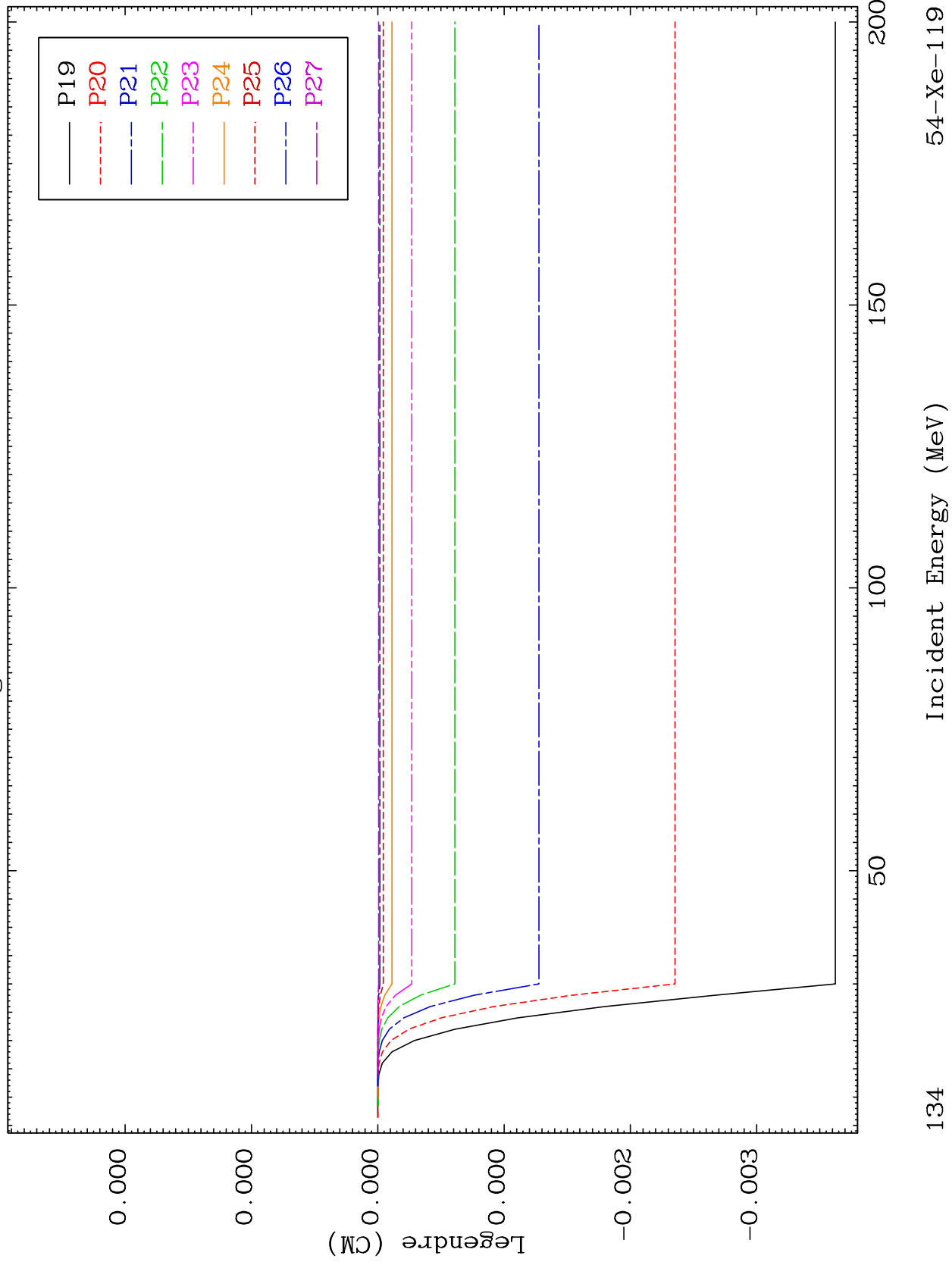
Incident Energy (MeV)

133

MAT 5410

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

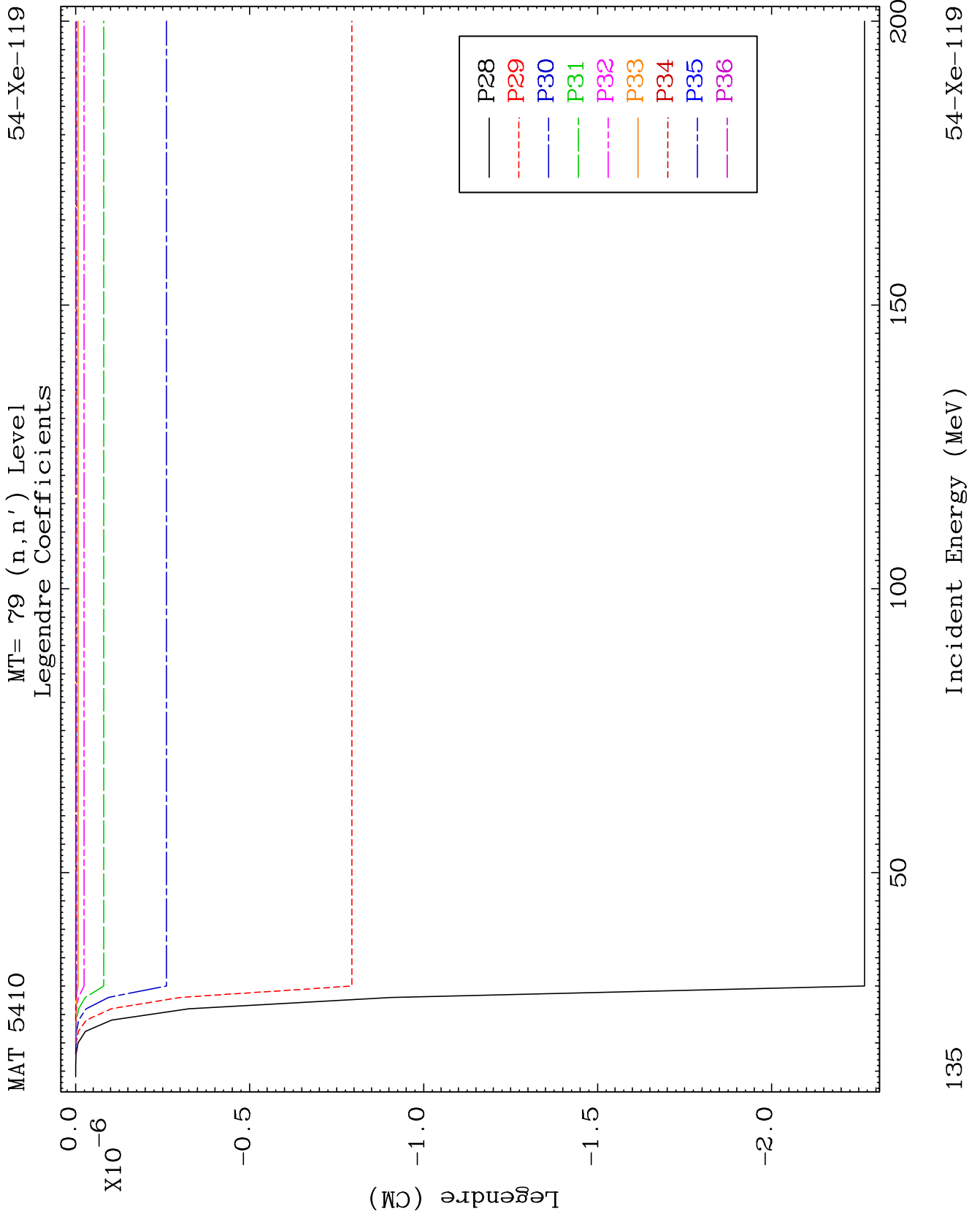
54-Xe-119



134

Incident Energy (MeV)

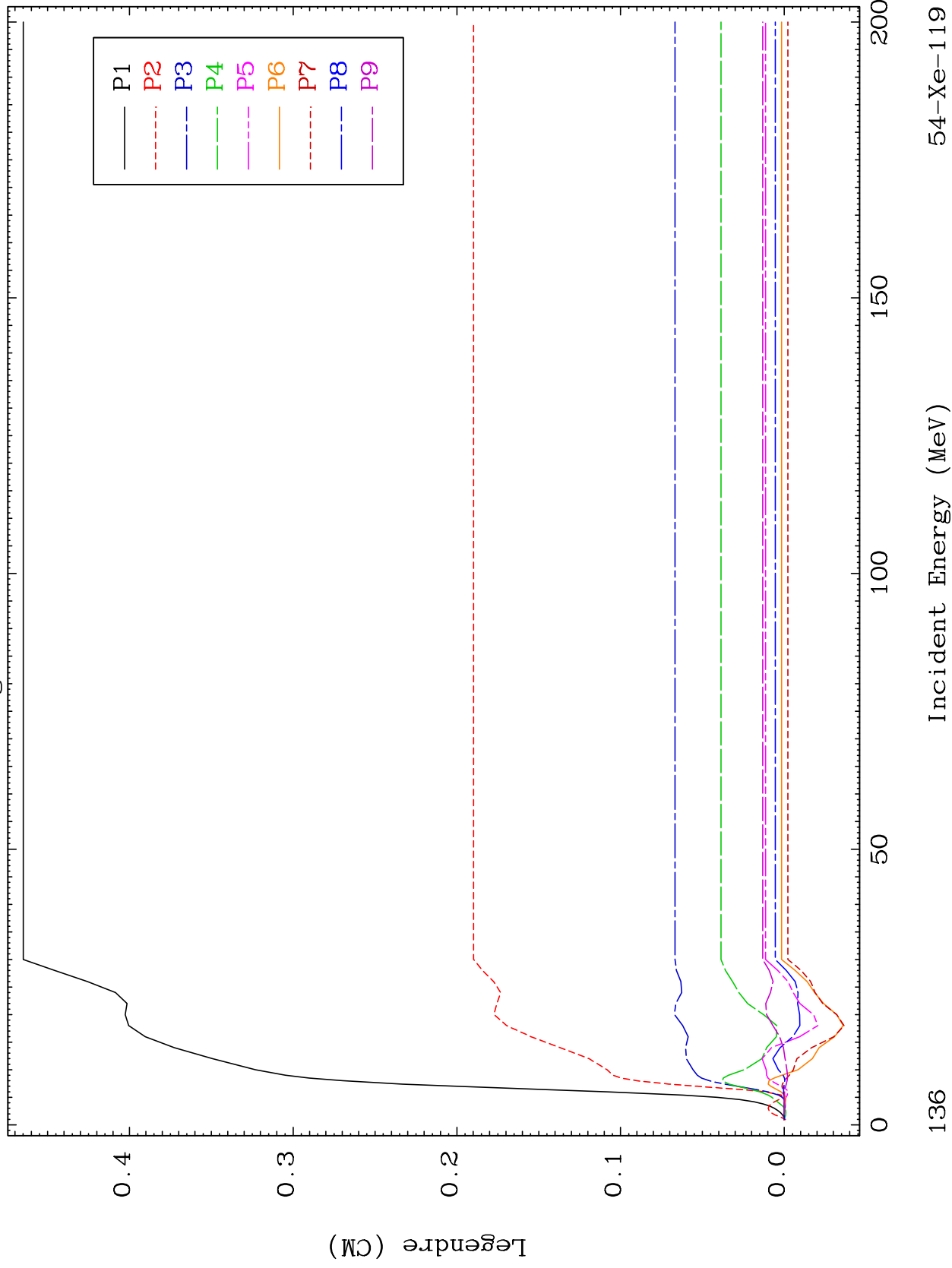
54-Xe-119



MAT 5410

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

54-Xe-119



54-Xe-119

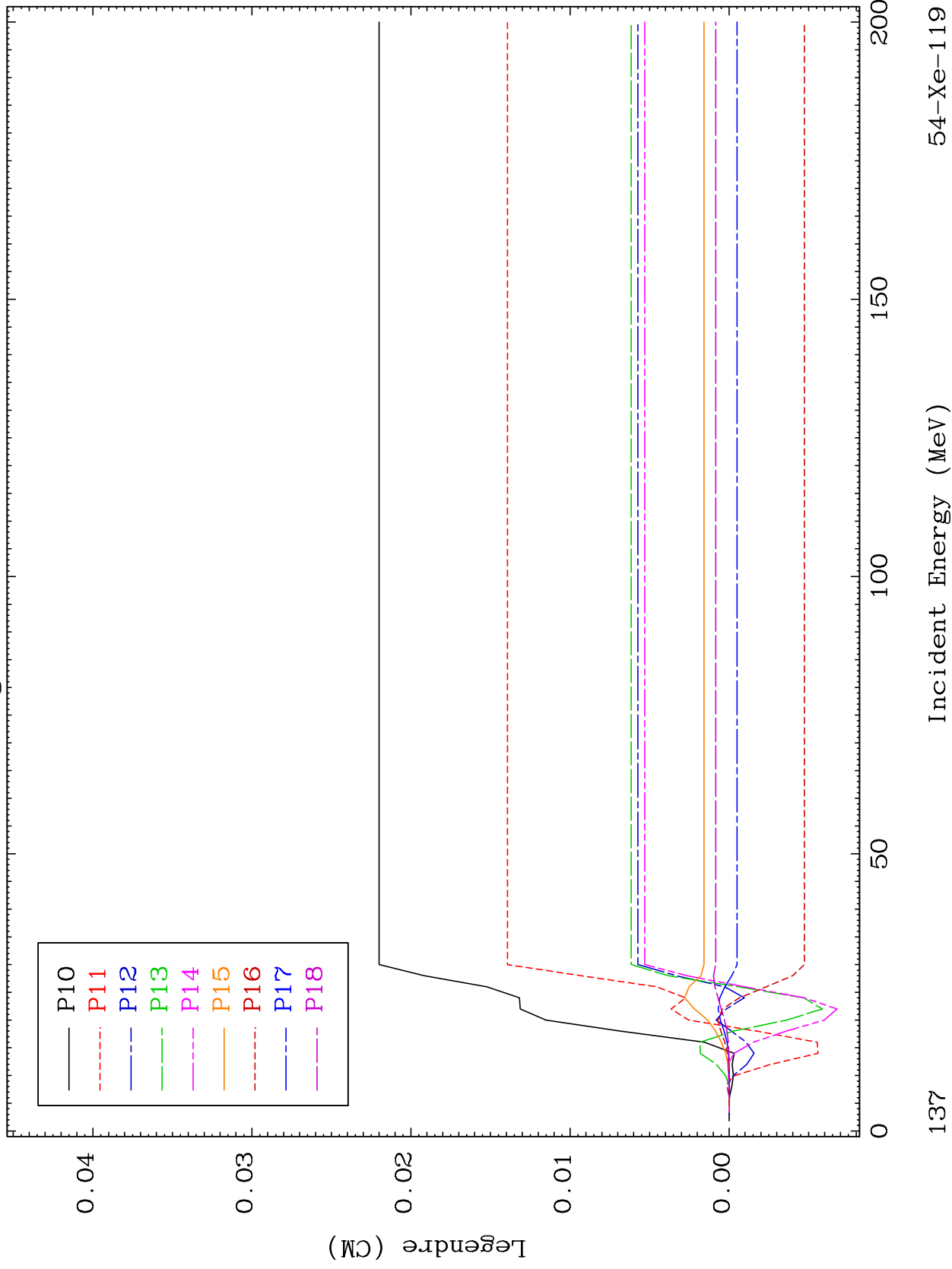
Incident Energy (MeV)

136

MAT 5410

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

54-Xe-119



137

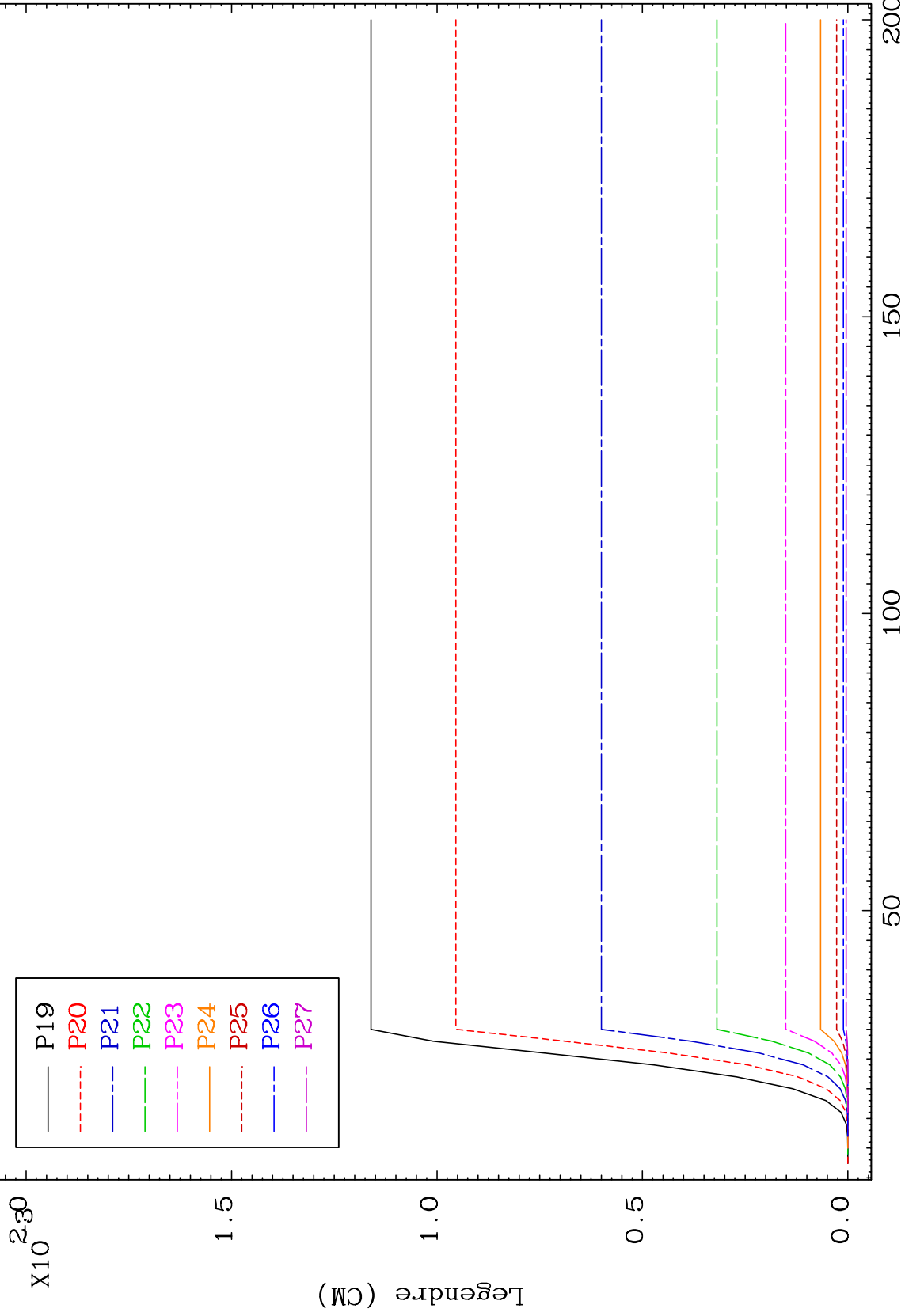
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119



138

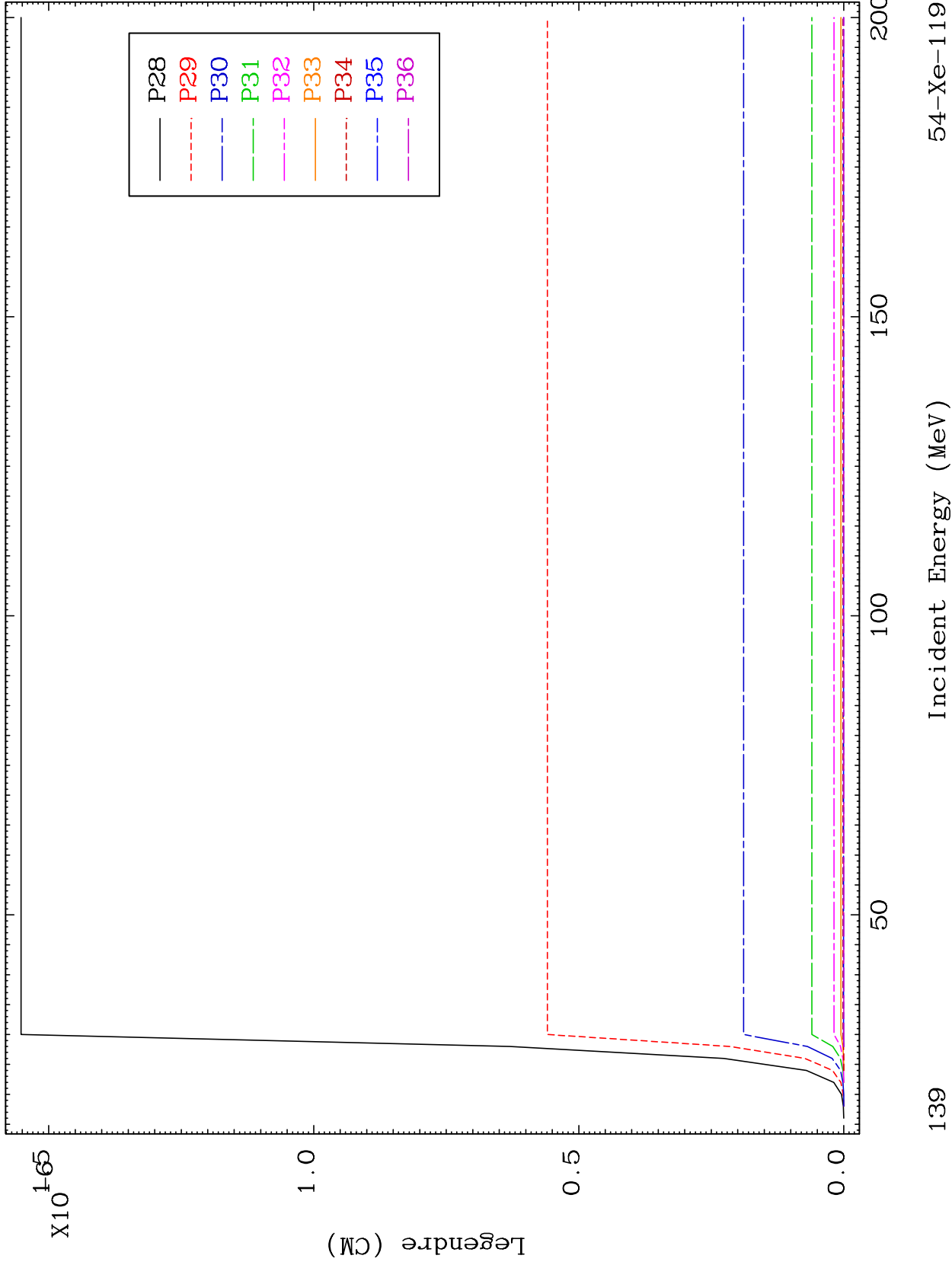
Incident Energy (MeV)

54-Xe-119

MAT 5410

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

54-Xe-119

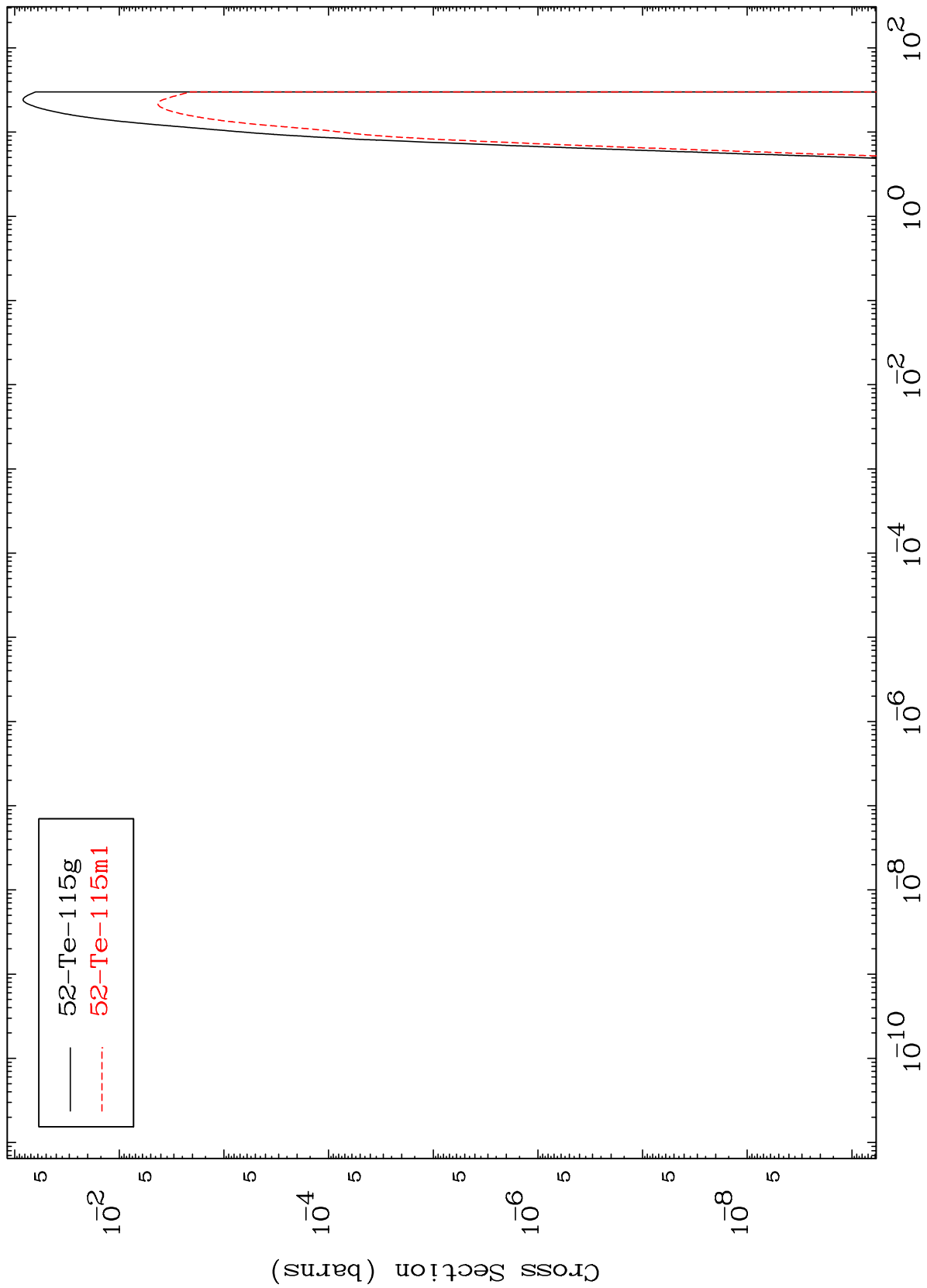


MAT 5410

$(n, n') \alpha$

54-Xe-119

Radionuclide Production Cross Section



140

Incident Energy (MeV)

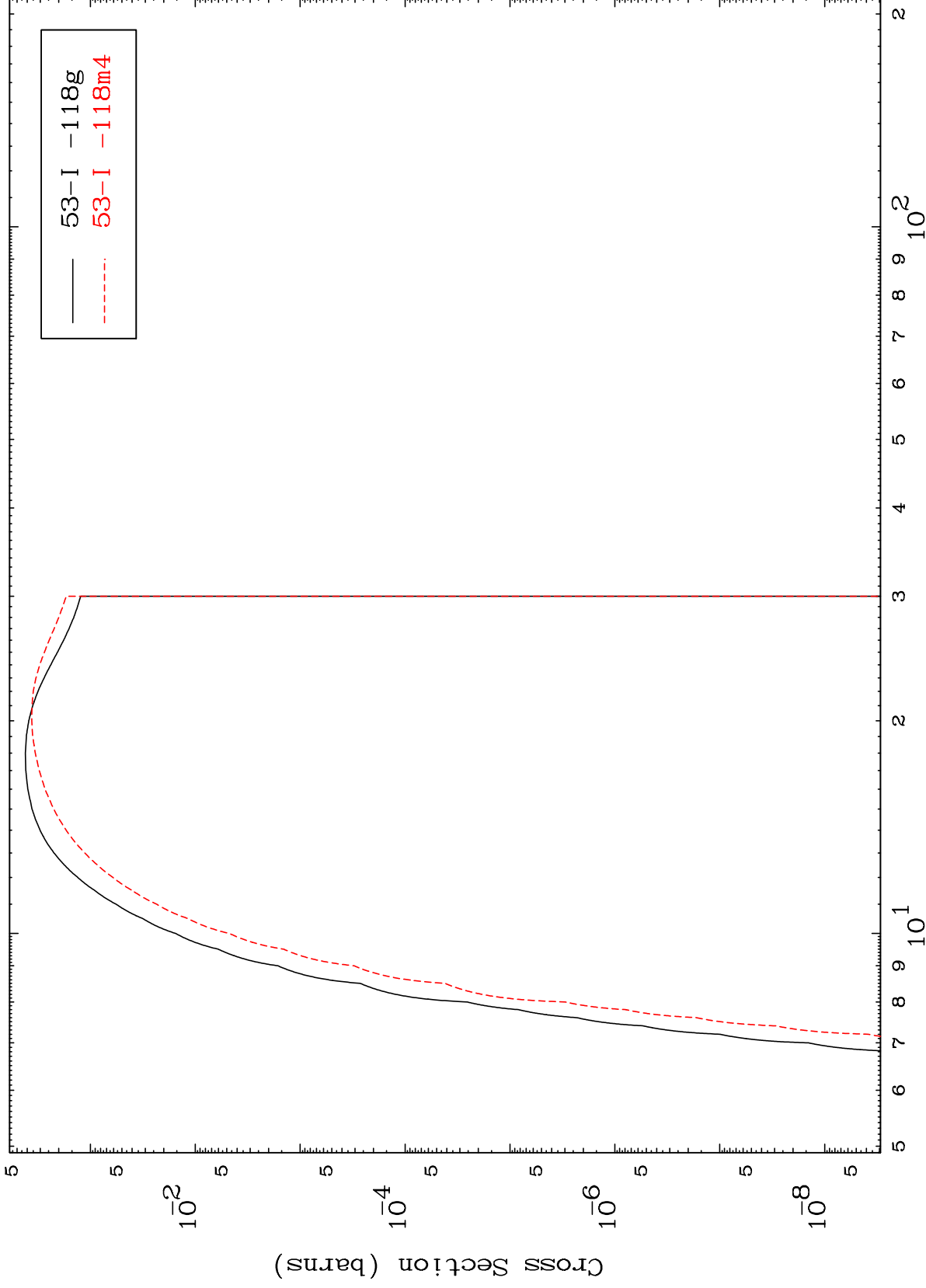
54-Xe-119

MAT 5410

(n,n') p

54-Xe-119

Radionuclide Production Cross Section



141

Incident Energy (MeV)

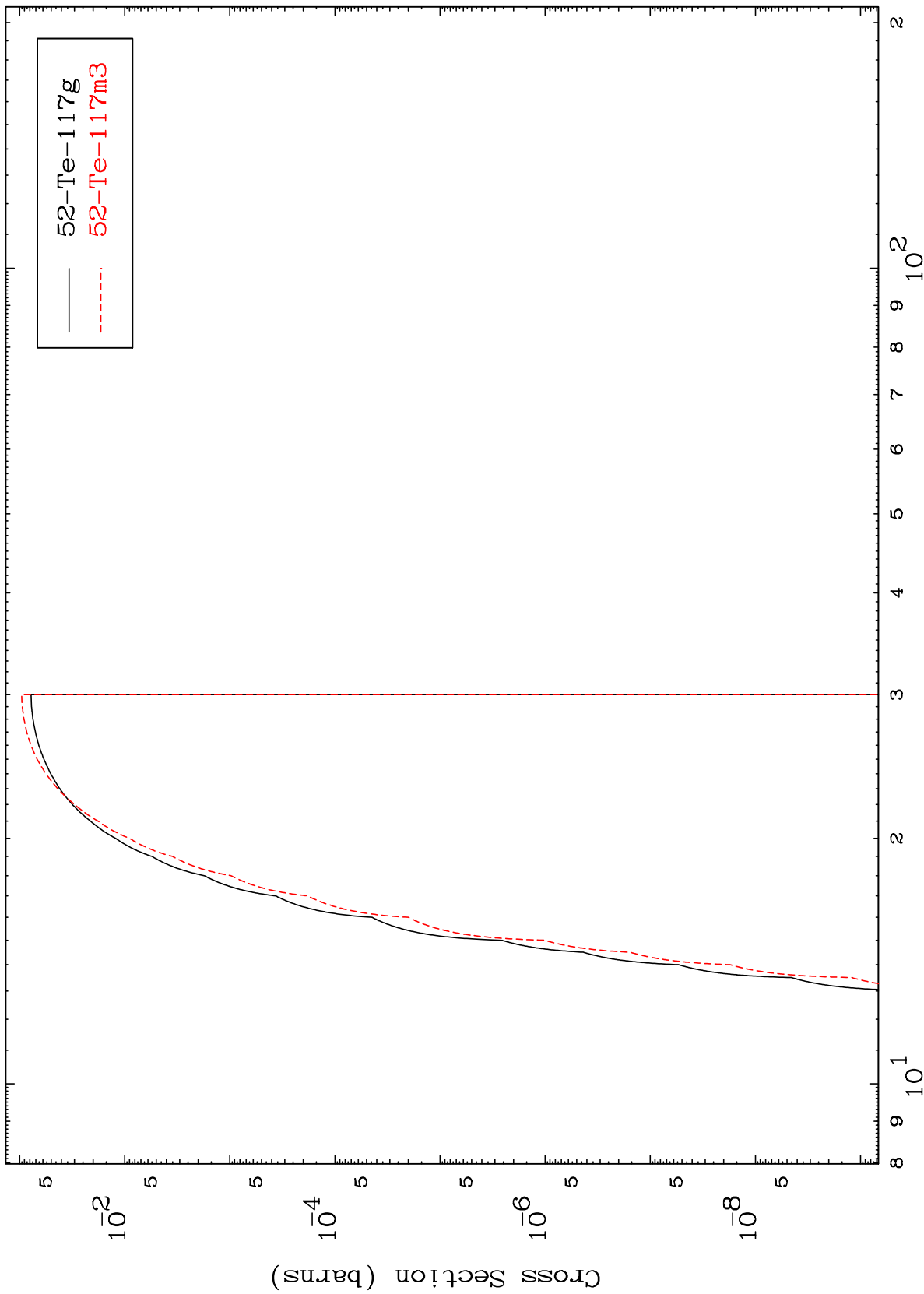
54-Xe-119

MAT 5410

(n,2n) p

54-Xe-119

Radionuclide Production Cross Section



142

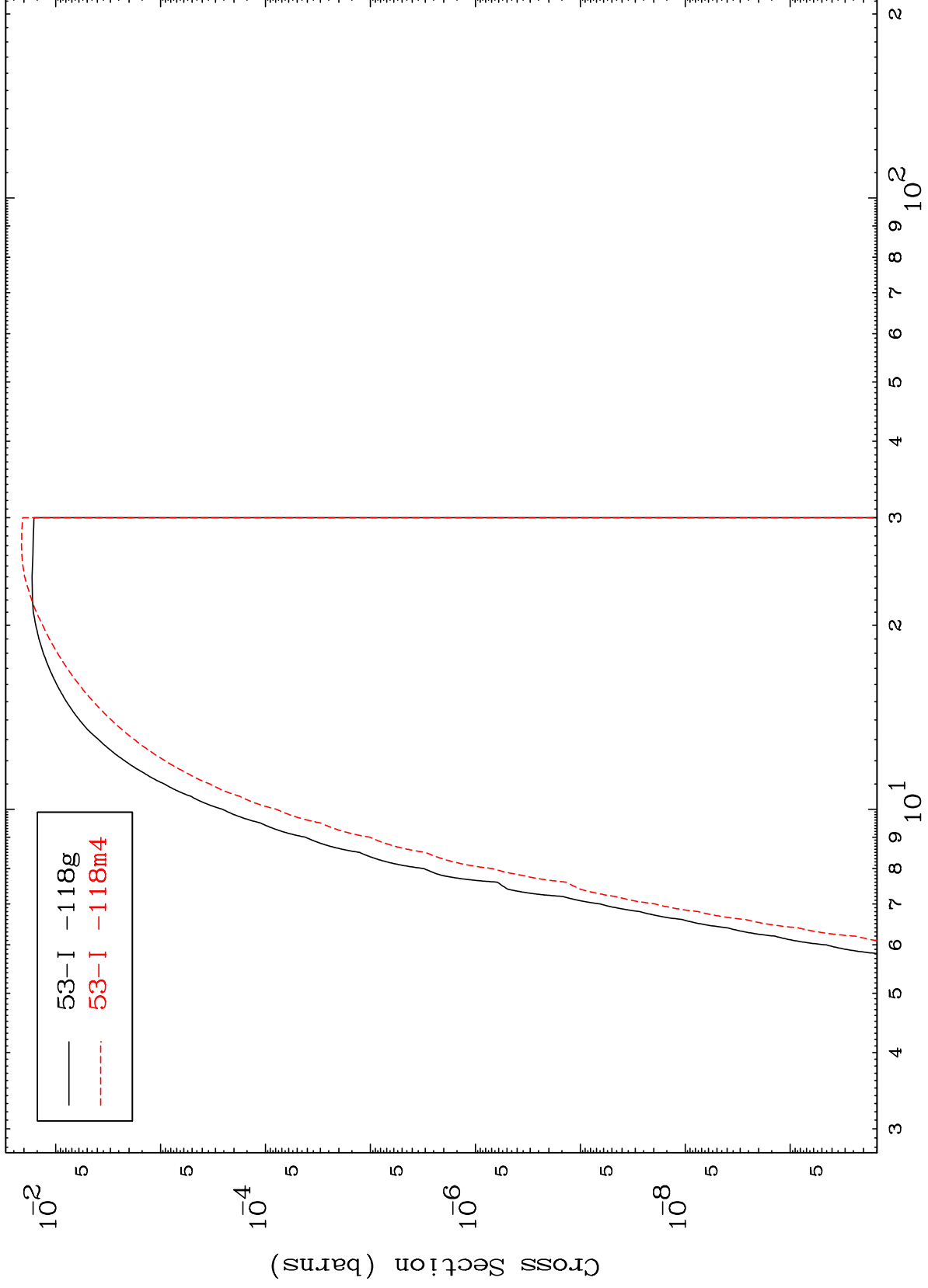
Incident Energy (MeV)

54-Xe-119

MAT 5410

54-Xe-119

(n,d)
Radionuclide Production Cross Section



— 53-I -118g
- - - 53-I -118m4

143

Incident Energy (MeV)

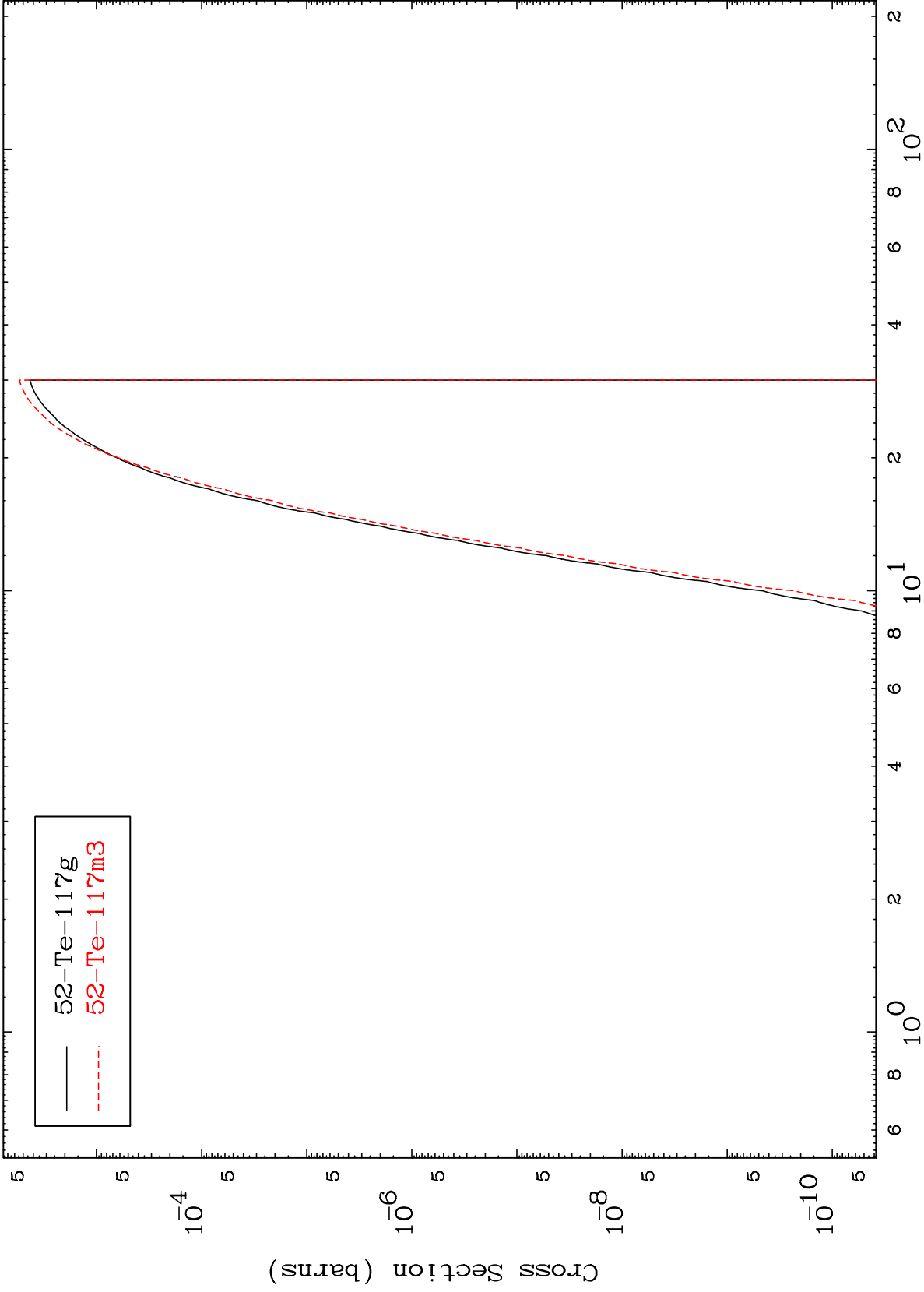
54-Xe-119

MAT 5410

(n,He-3)

54-Xe-119

Radionuclide Production Cross Section



144

Incident Energy (MeV)

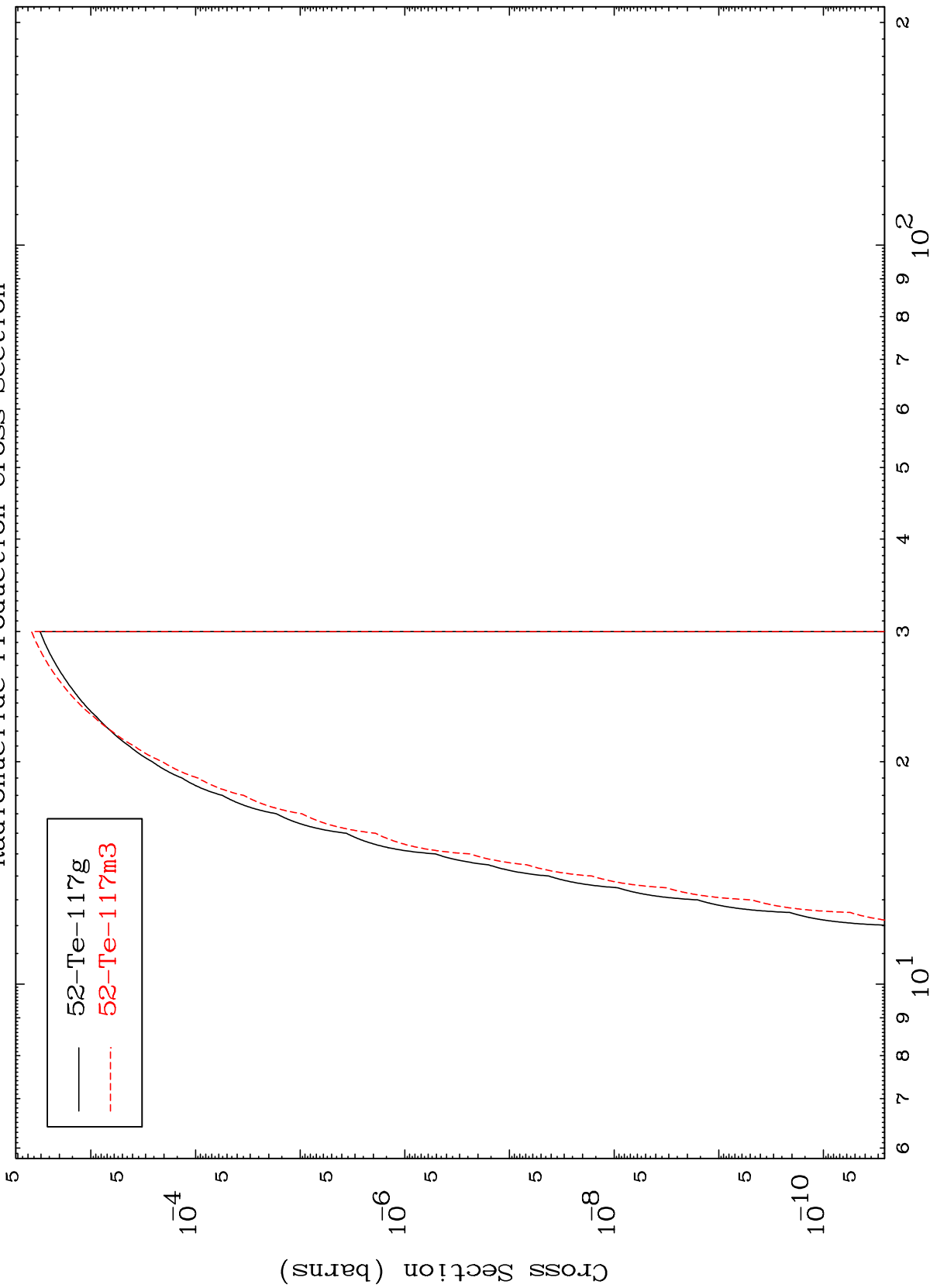
54-Xe-119

MAT 5410

(n,p) d

54-Xe-119

Radionuclide Production Cross Section



145

Incident Energy (MeV)

54-Xe-119