

Program EVALPLOT
(Version 2017-1)

by

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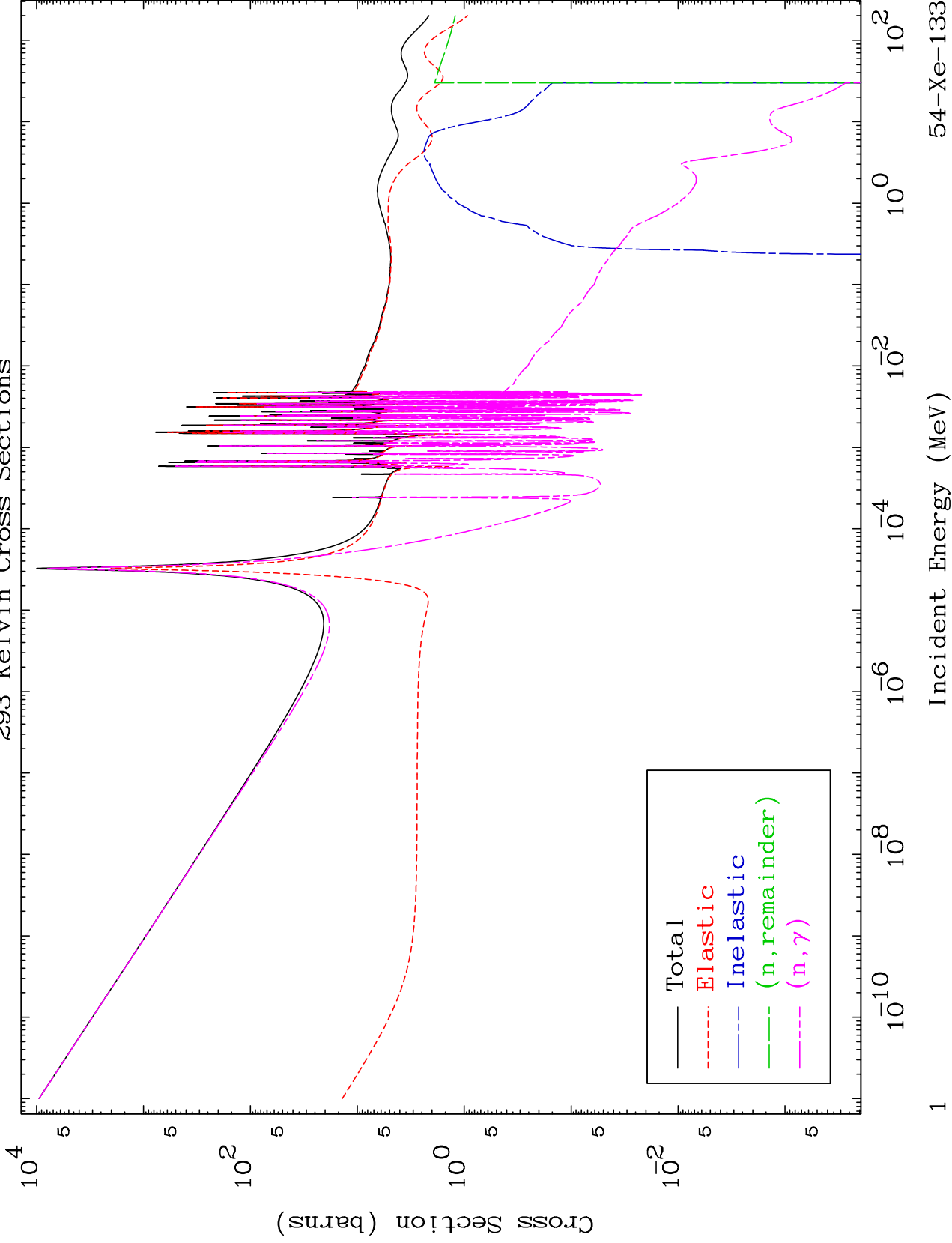
Press Mouse Button to Start

MAT 5452

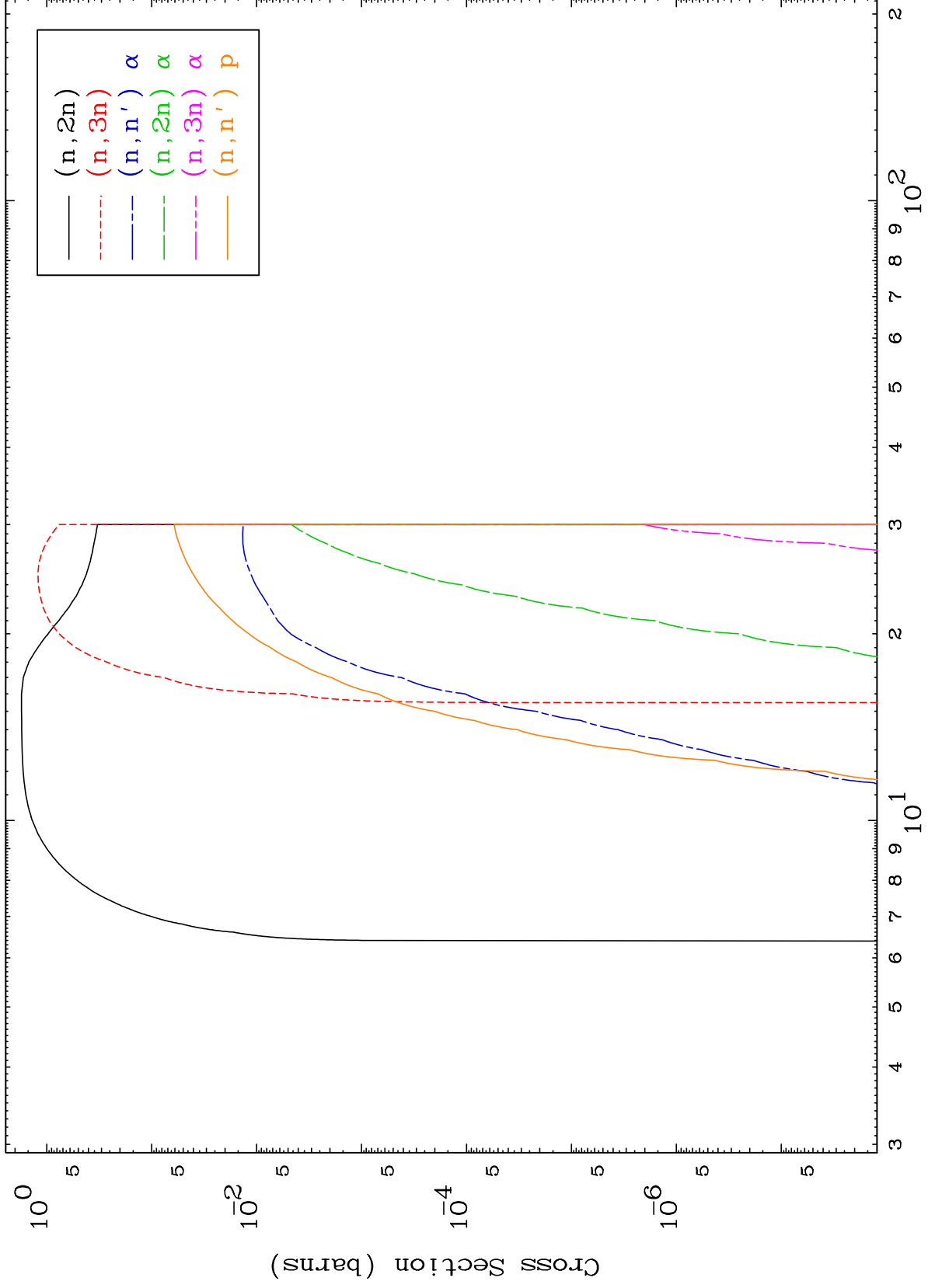
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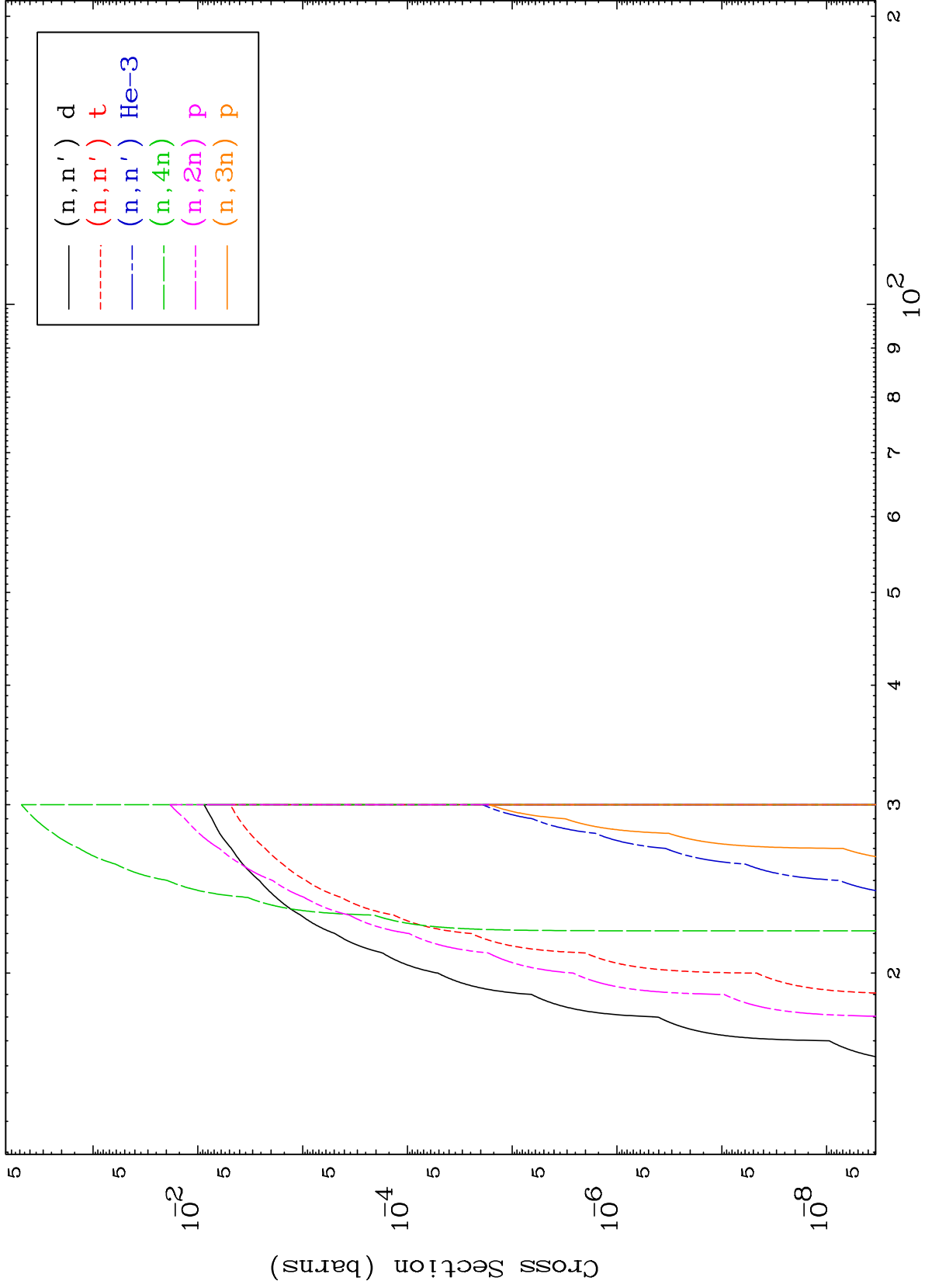
293 Kelvin Cross Sections

54-Xe-133



Neutron Production
293 Kelvin Cross Sections

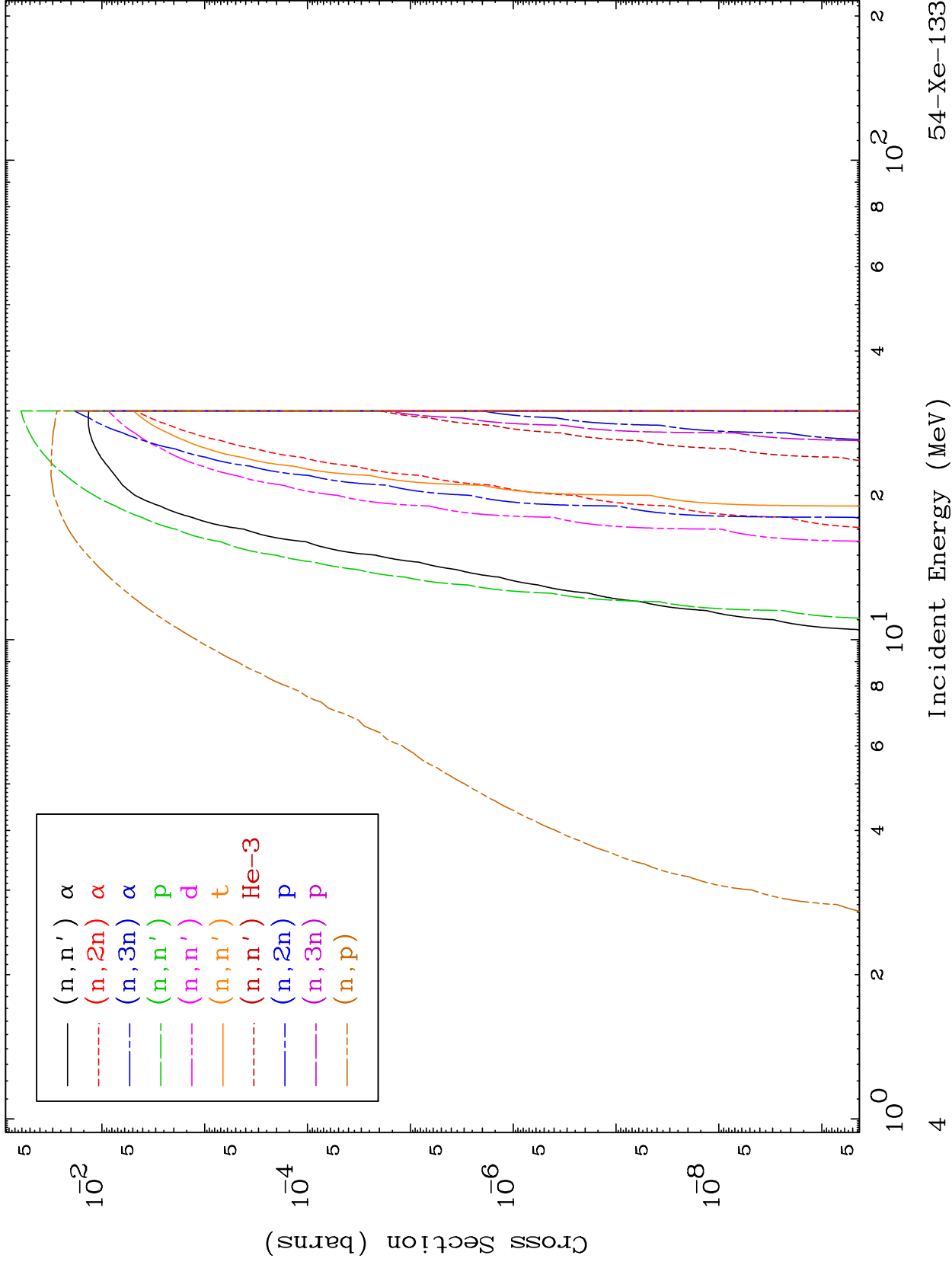




MAT 5452

Charged Particle
293 Kelvin Cross Sections

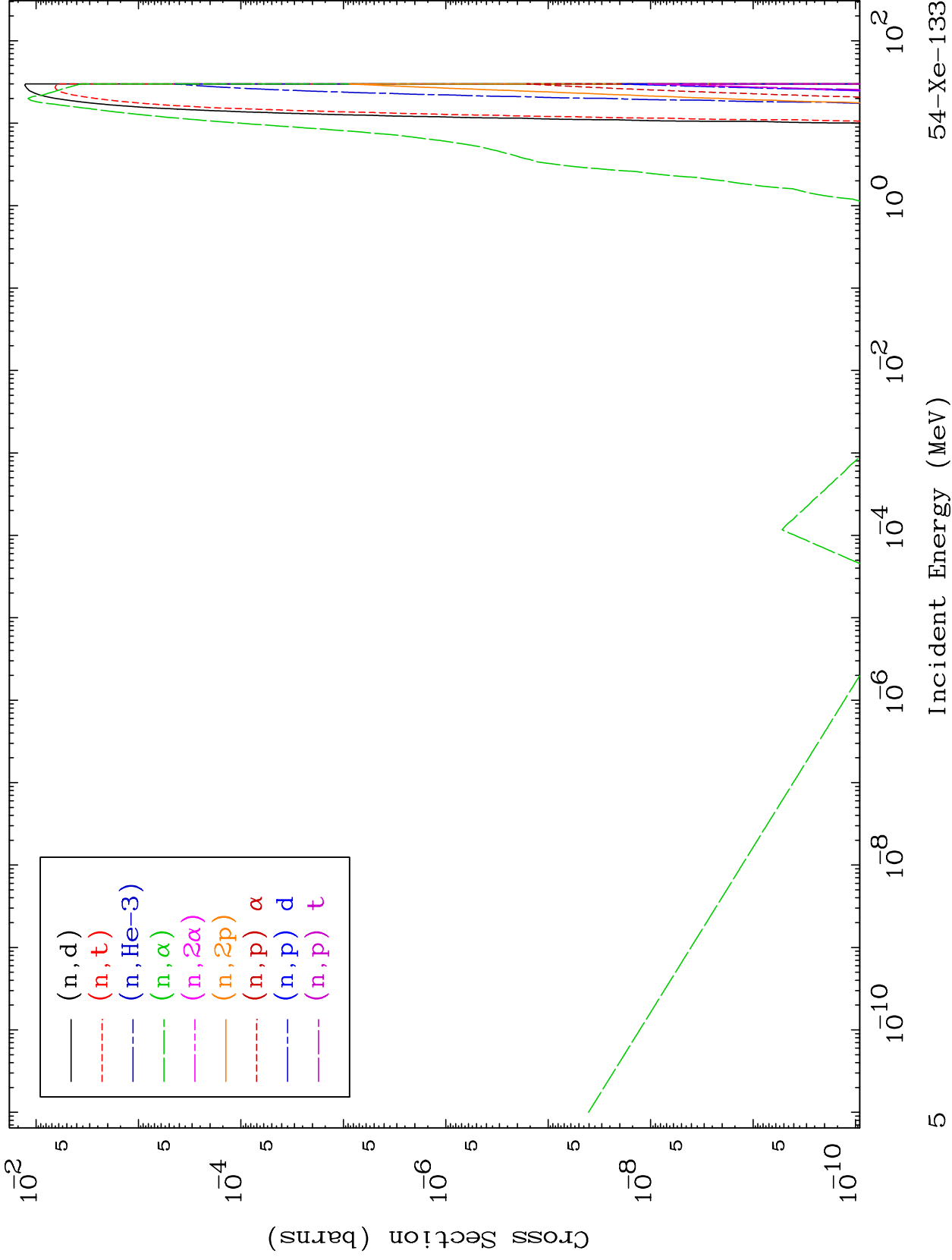
54-Xe-133



MAT 5452

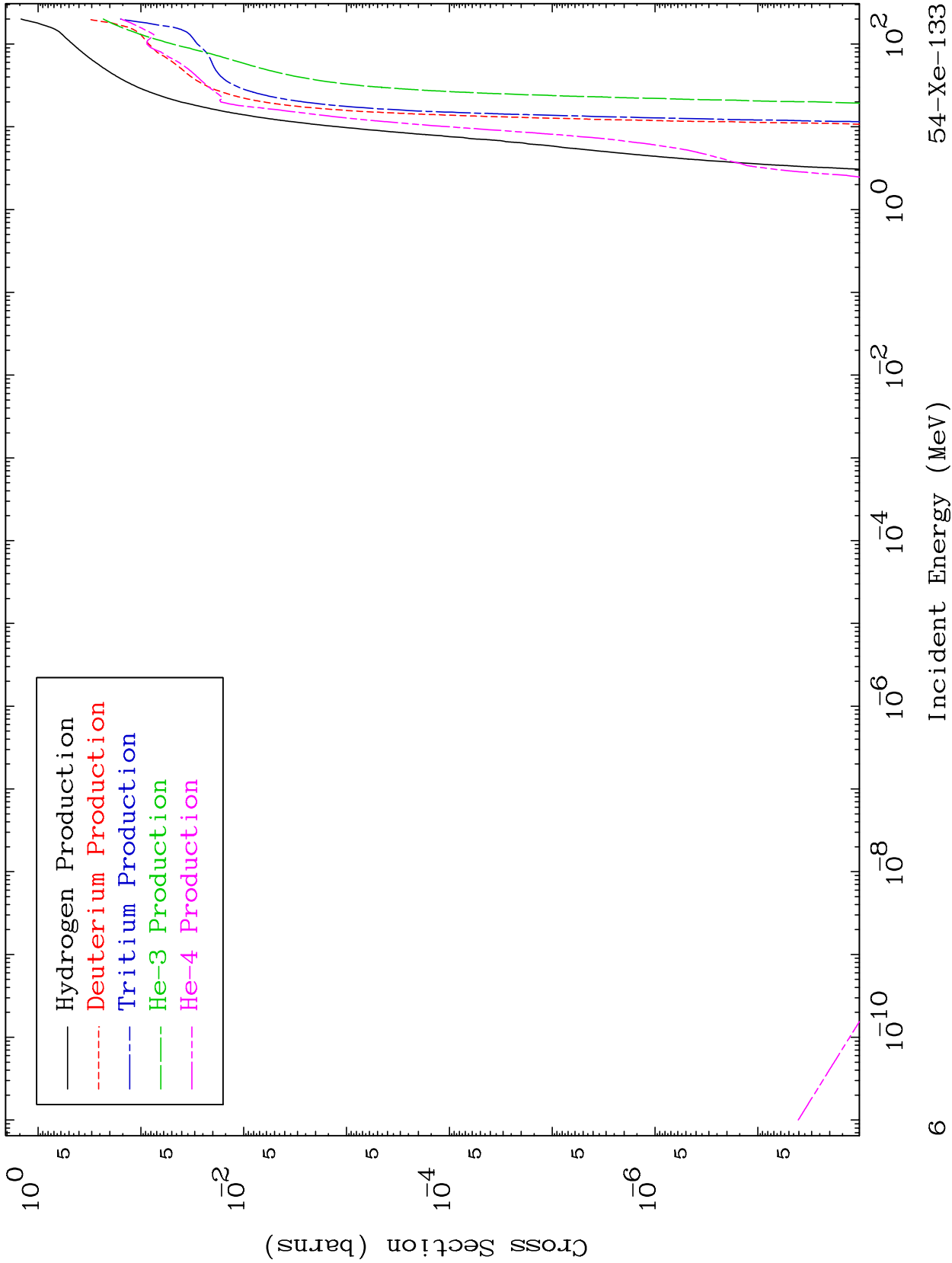
Charged Particle
293 Kelvin Cross Sections

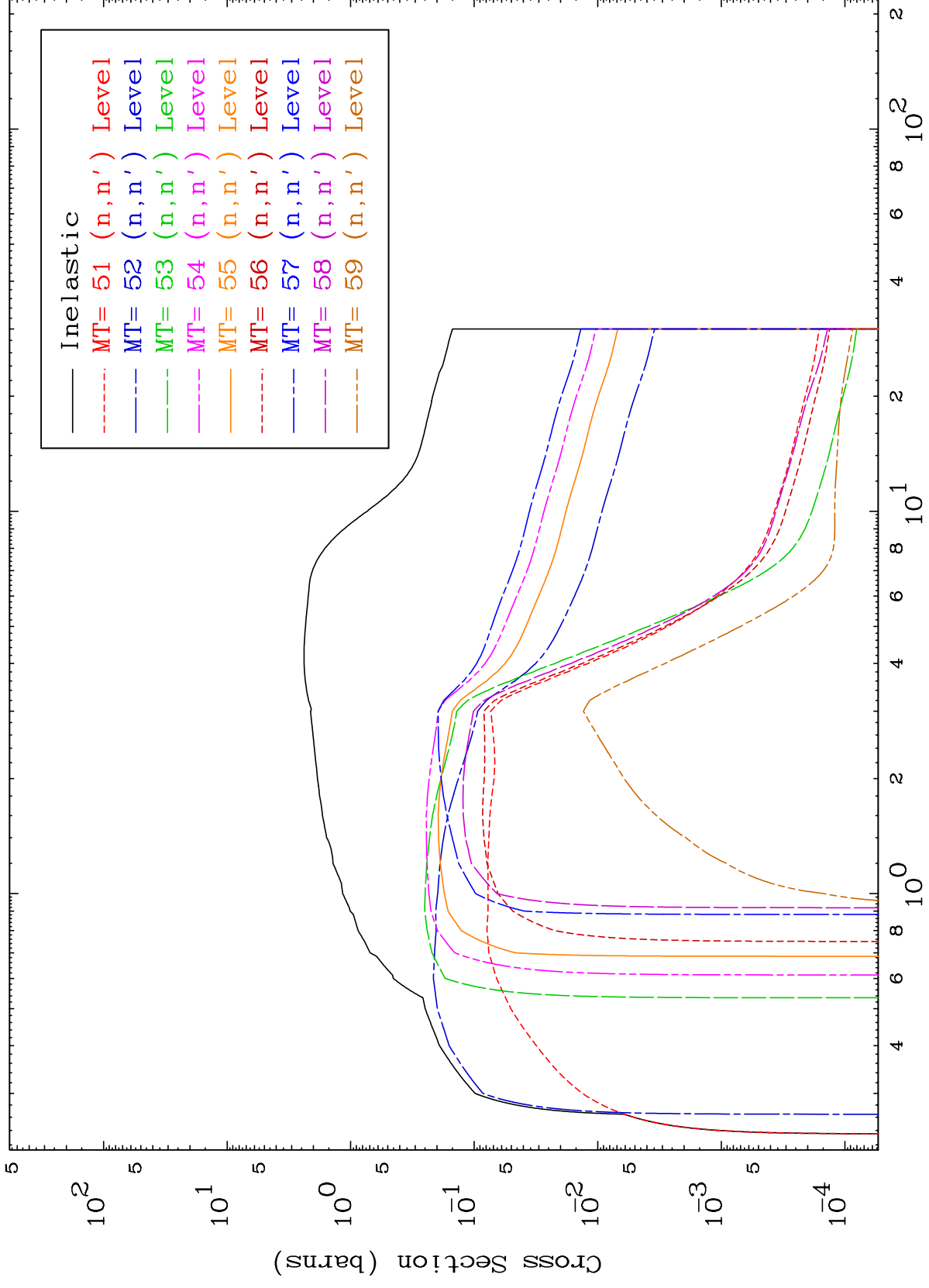
54-Xe-133



5

54-Xe-133



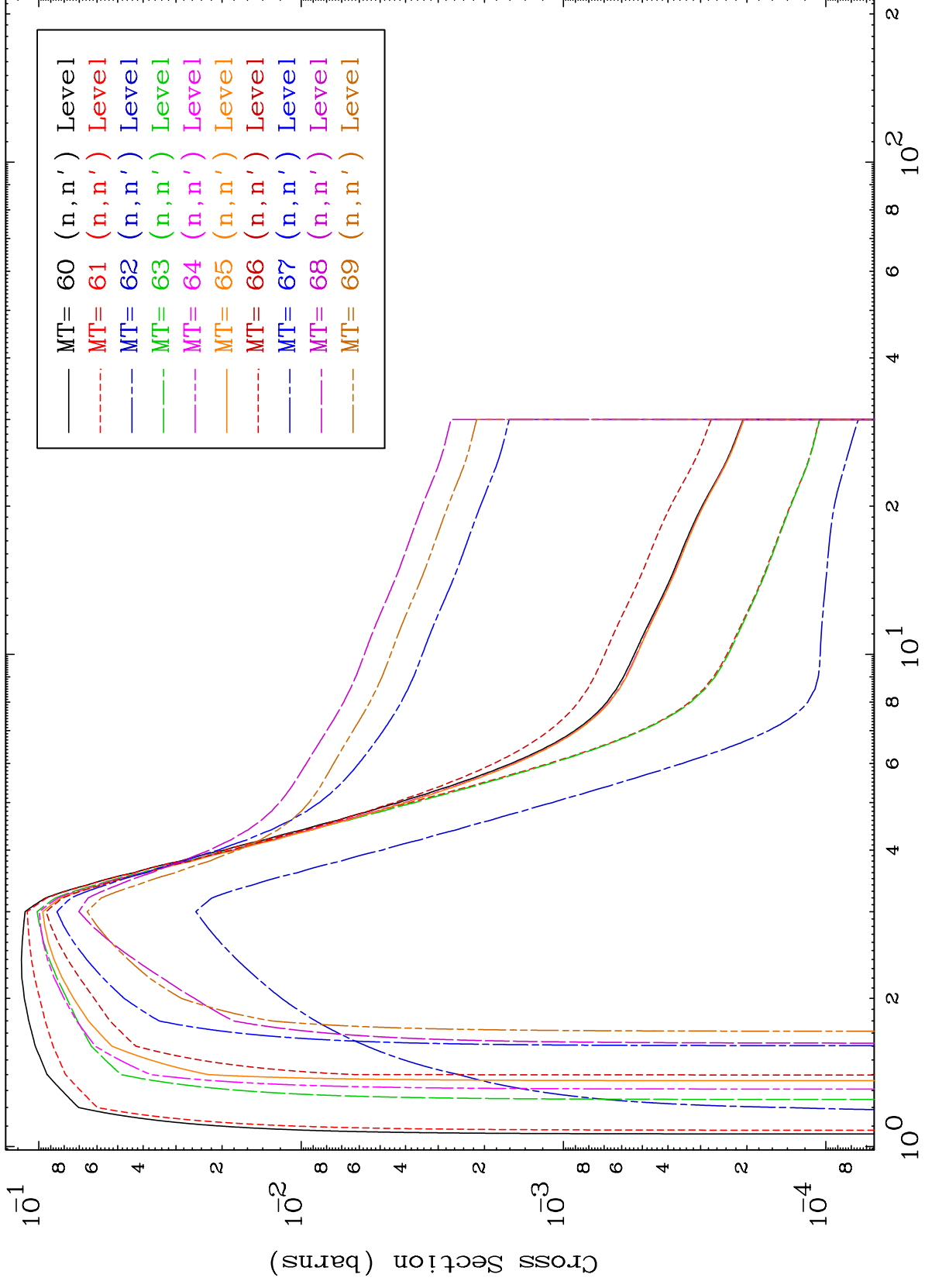


MAT 5452

(n,n') Level

54-Xe-133

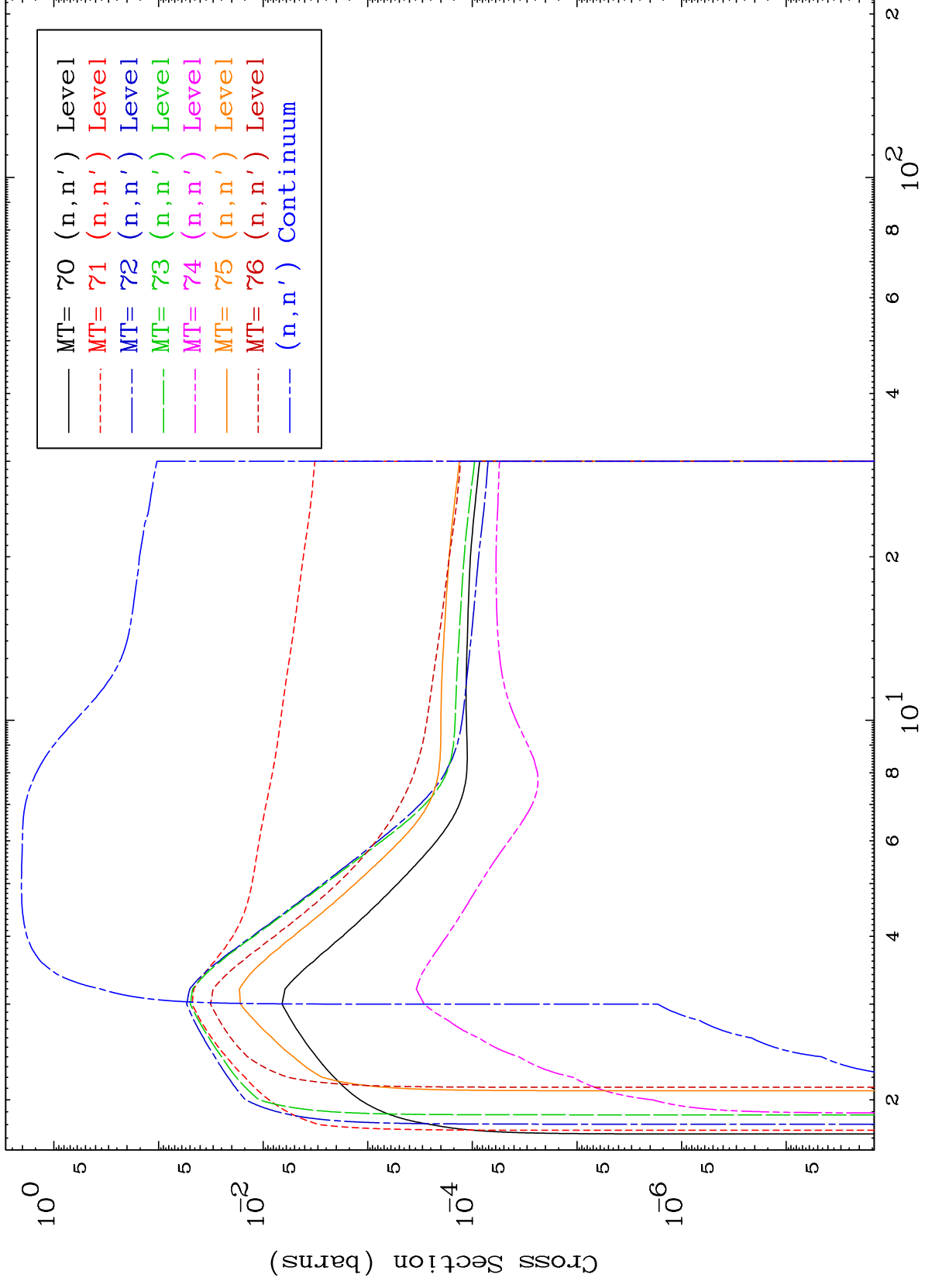
293 Kelvin Cross Sections



Incident Energy (MeV)

54-Xe-133

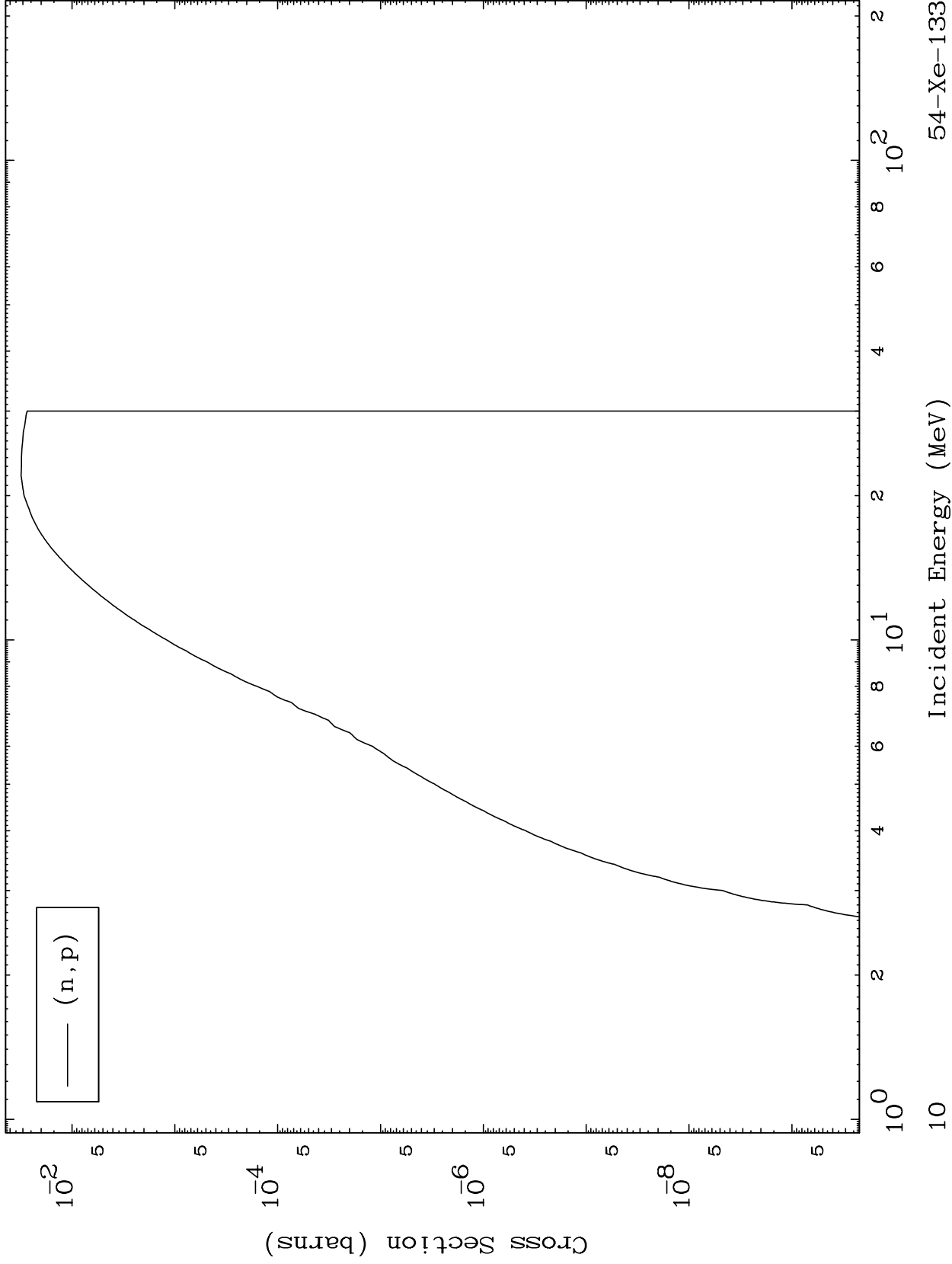
293 Kelvin Cross Sections



MAT 5452

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-133

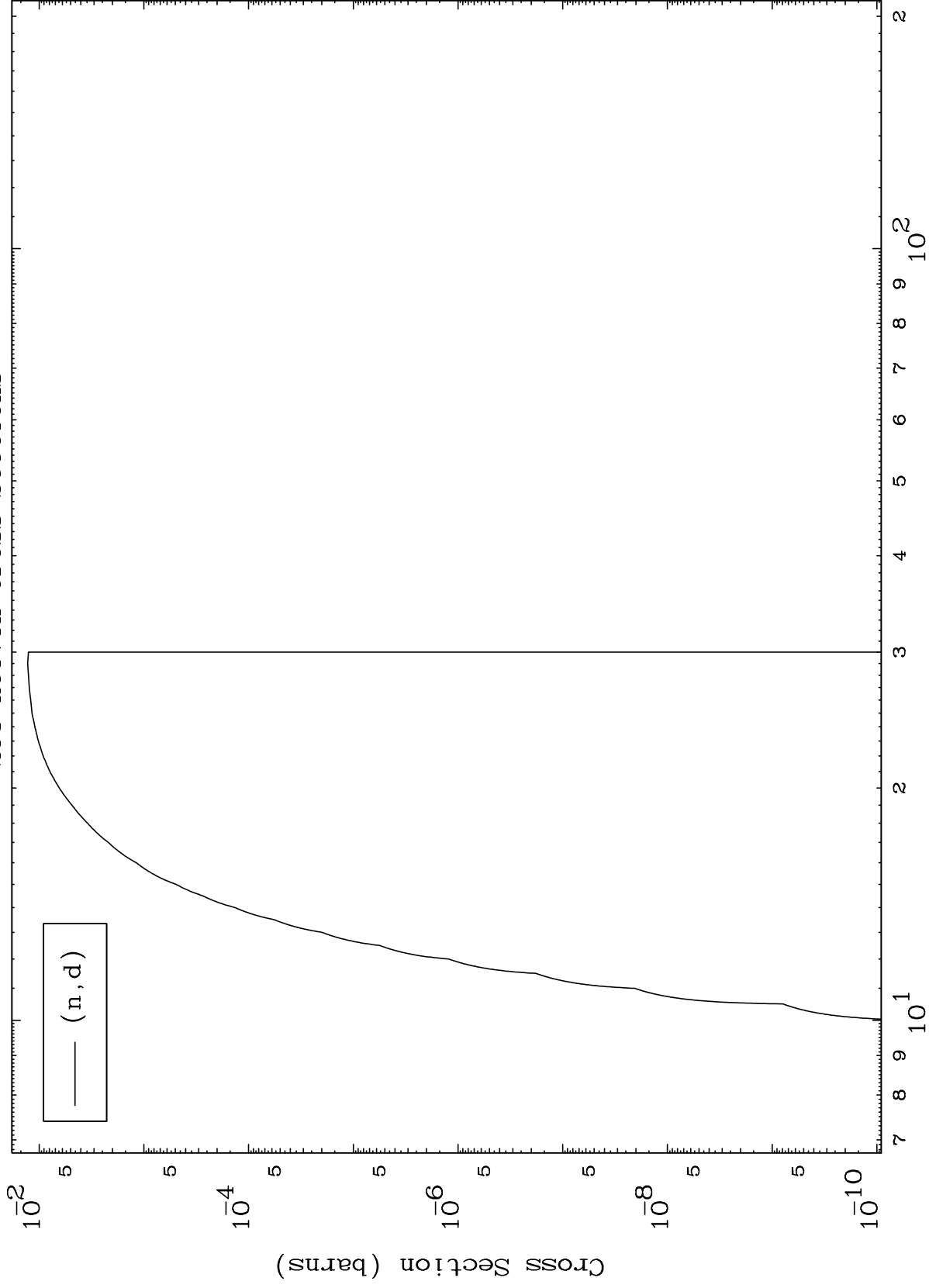


54-Xe-133

MAT 5452

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-133



11

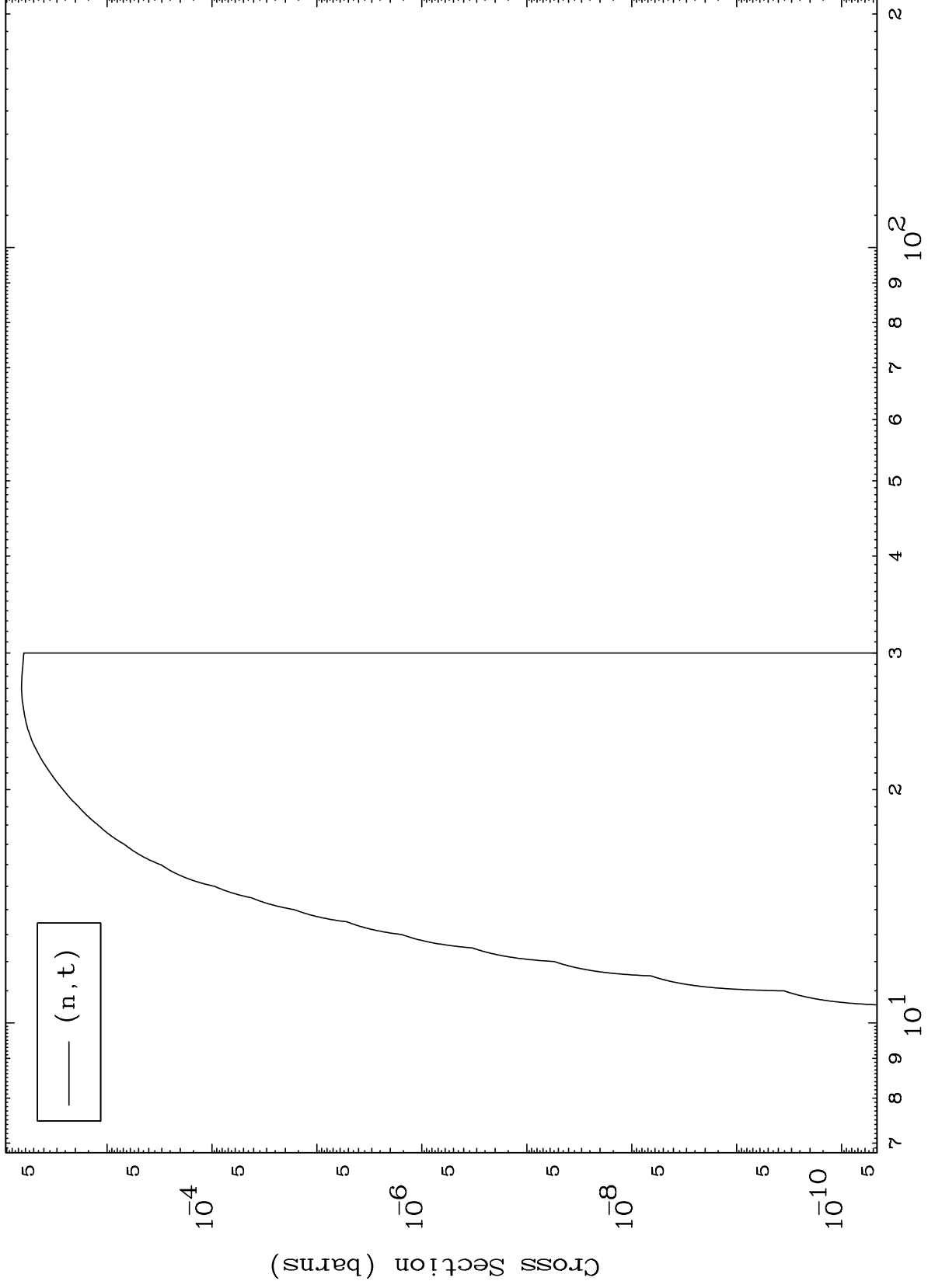
Incident Energy (MeV)

54-Xe-133

MAT 5452

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-133



12

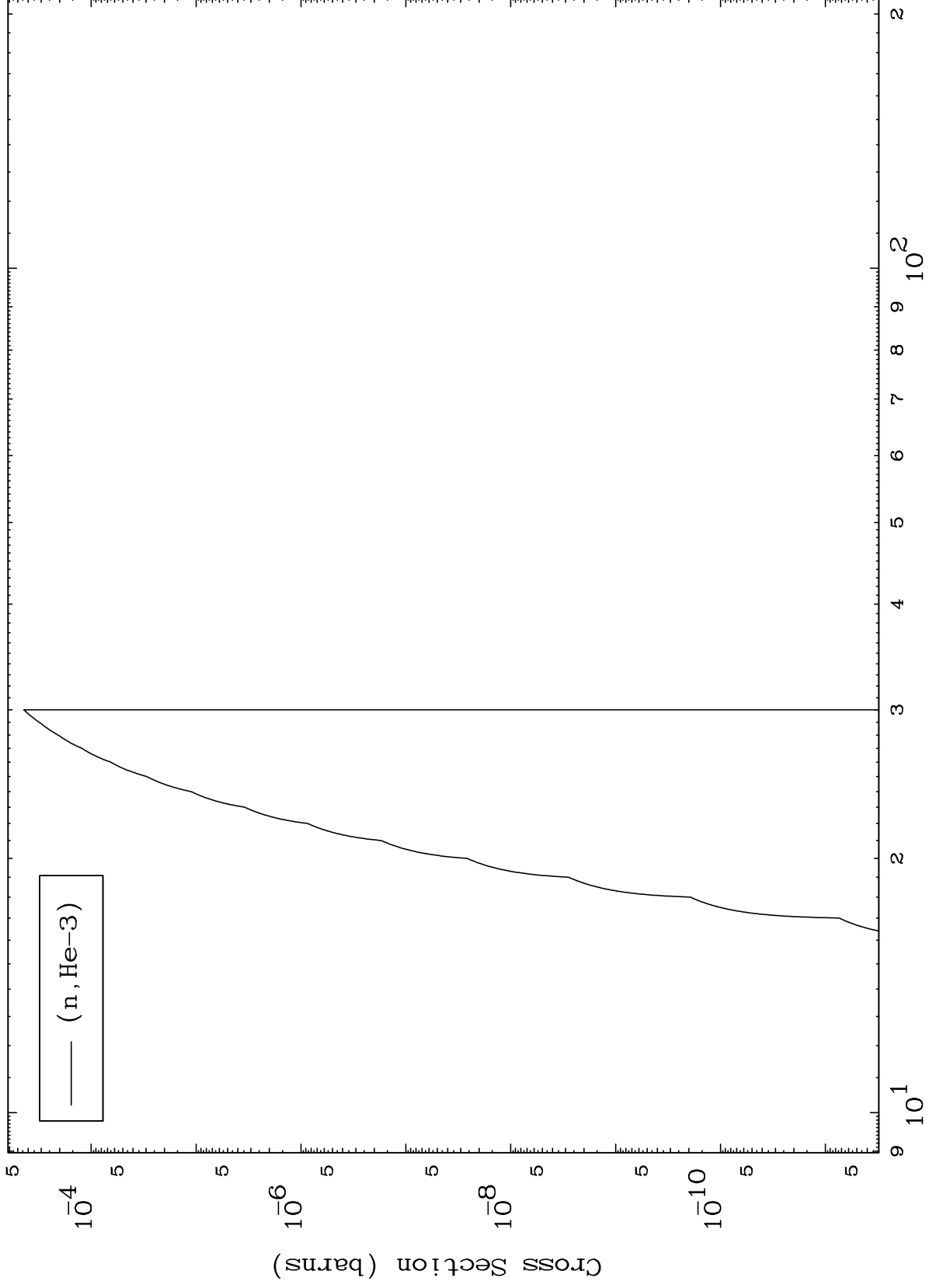
Incident Energy (MeV)

54-Xe-133

MAT 5452

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-133



13

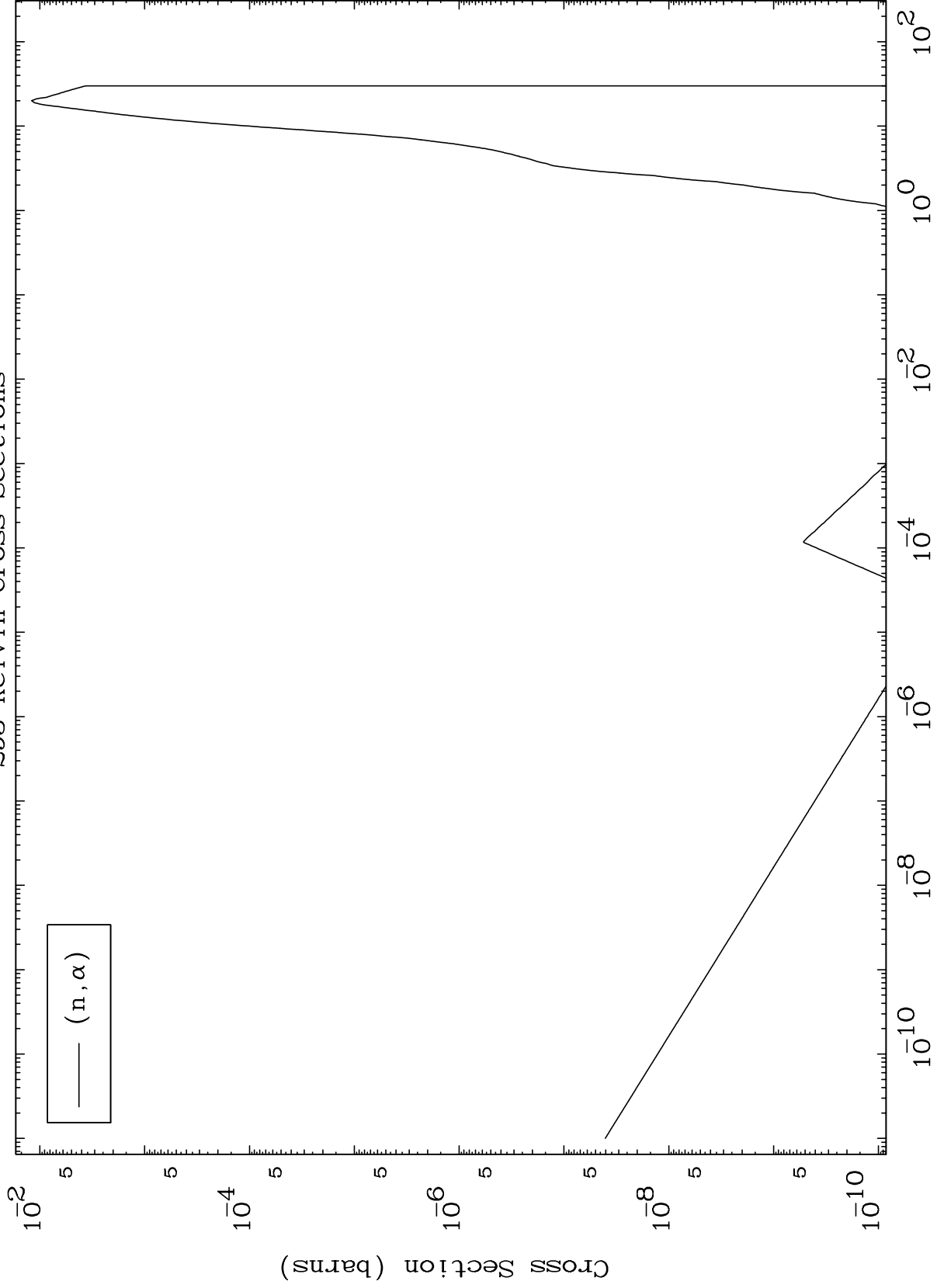
Incident Energy (MeV)

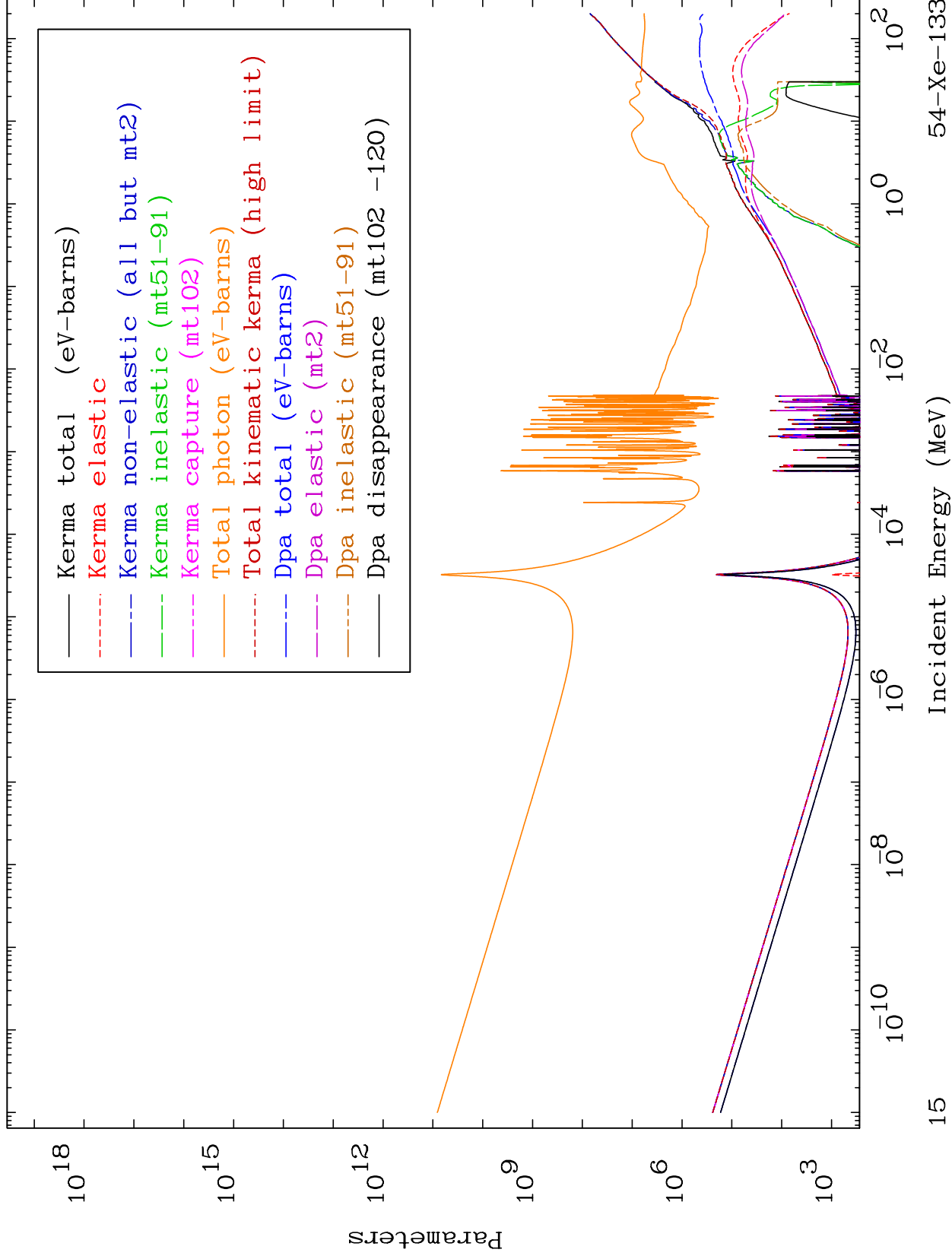
54-Xe-133

MAT 5452

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-133

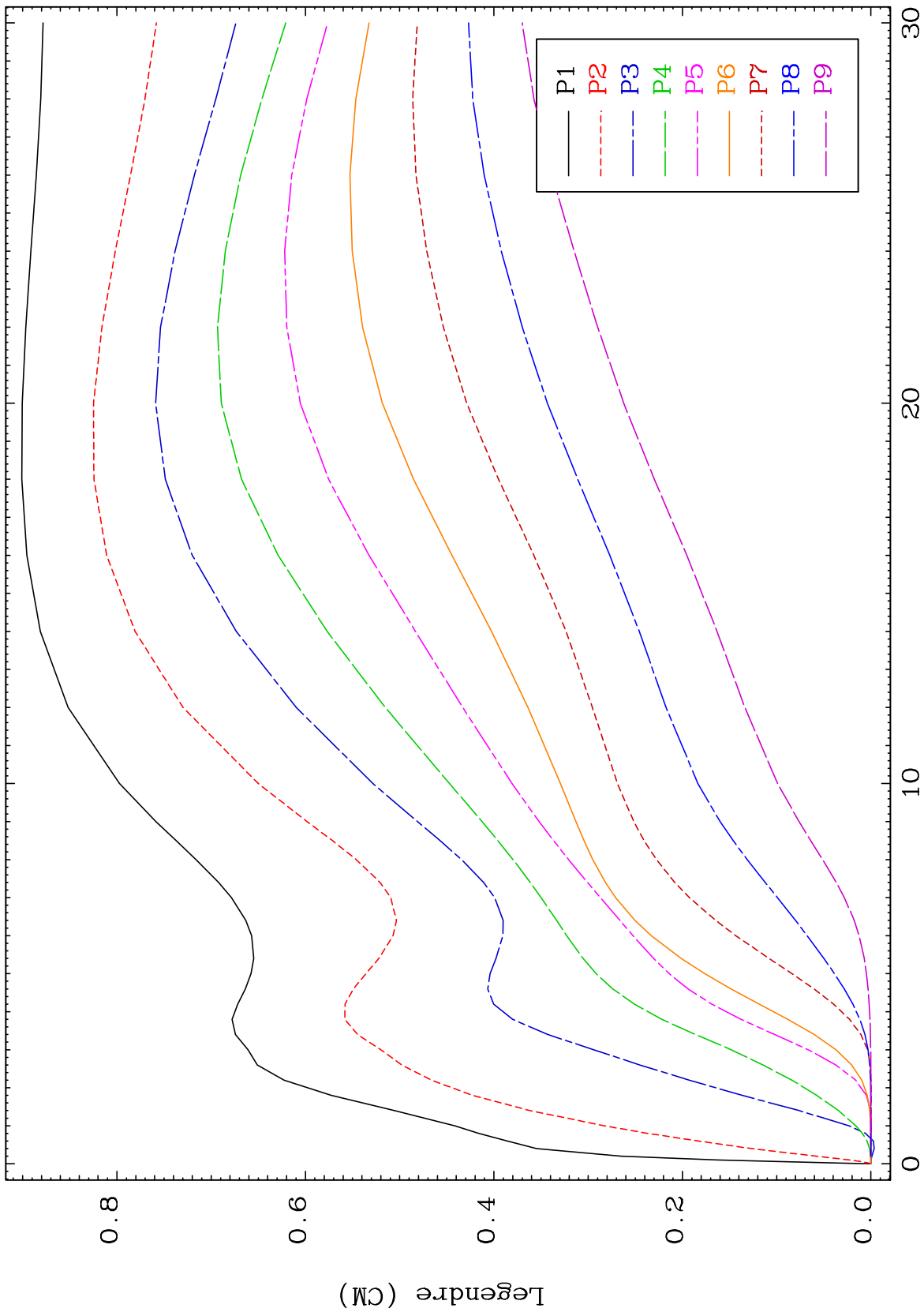




MAT 5452

54-Xe-133

Elastic Legendre Coefficients



16

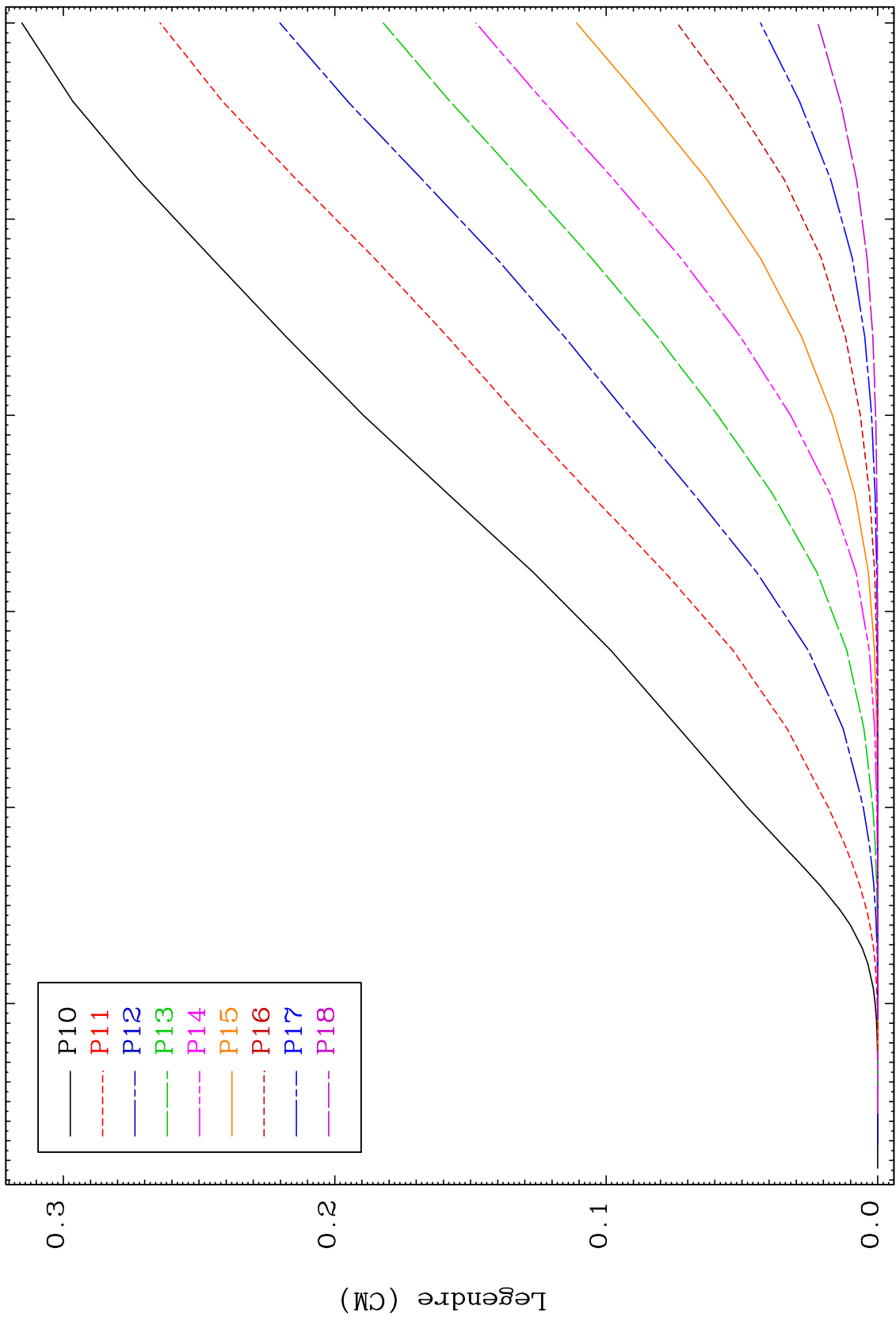
Incident Energy (MeV)

54-Xe-133

MAT 5452

Elastic Legendre Coefficients

54-Xe-133



17

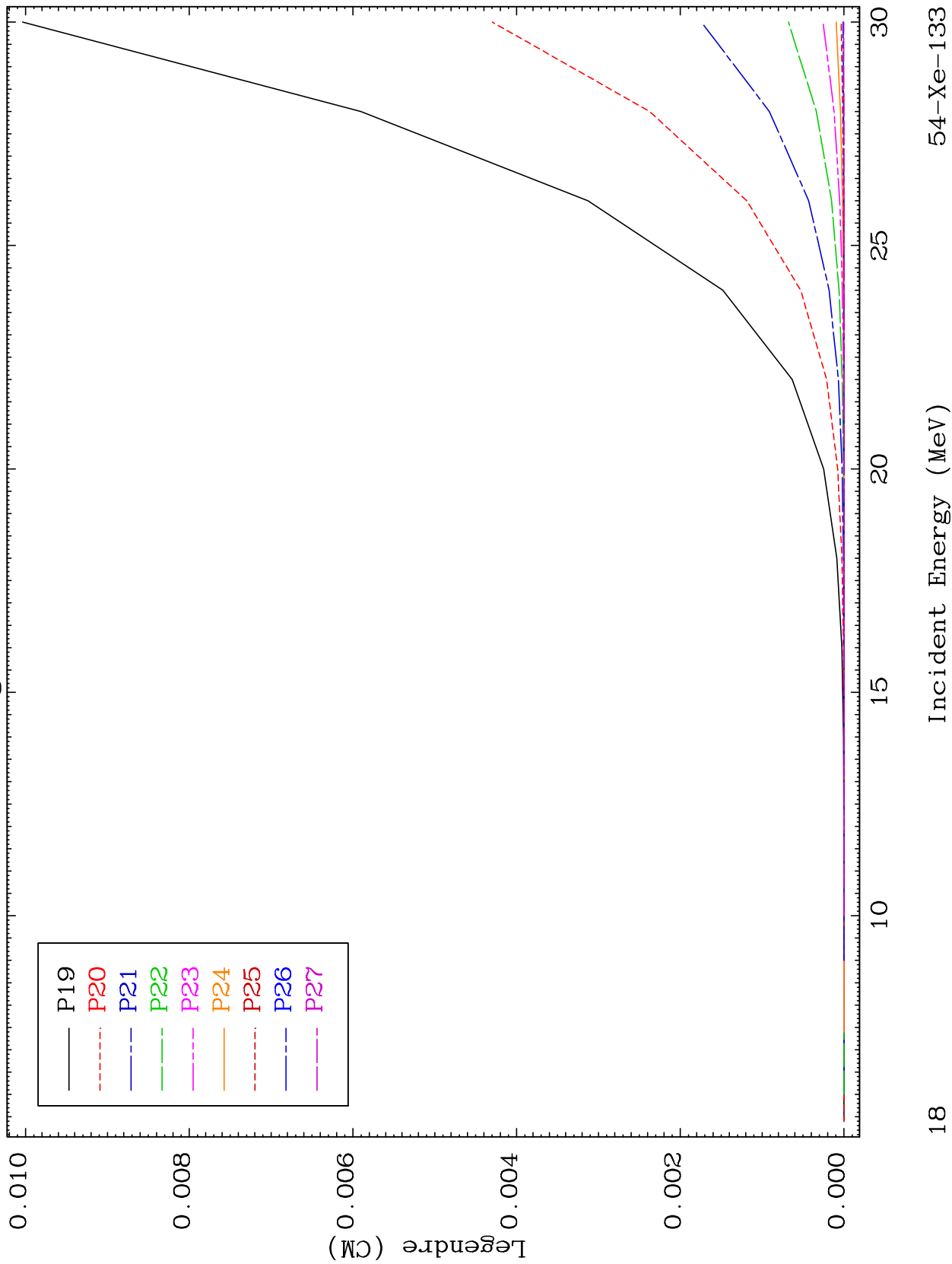
Incident Energy (MeV)

54-Xe-133

MAT 5452

Elastic Legendre Coefficients

54-Xe-133



18

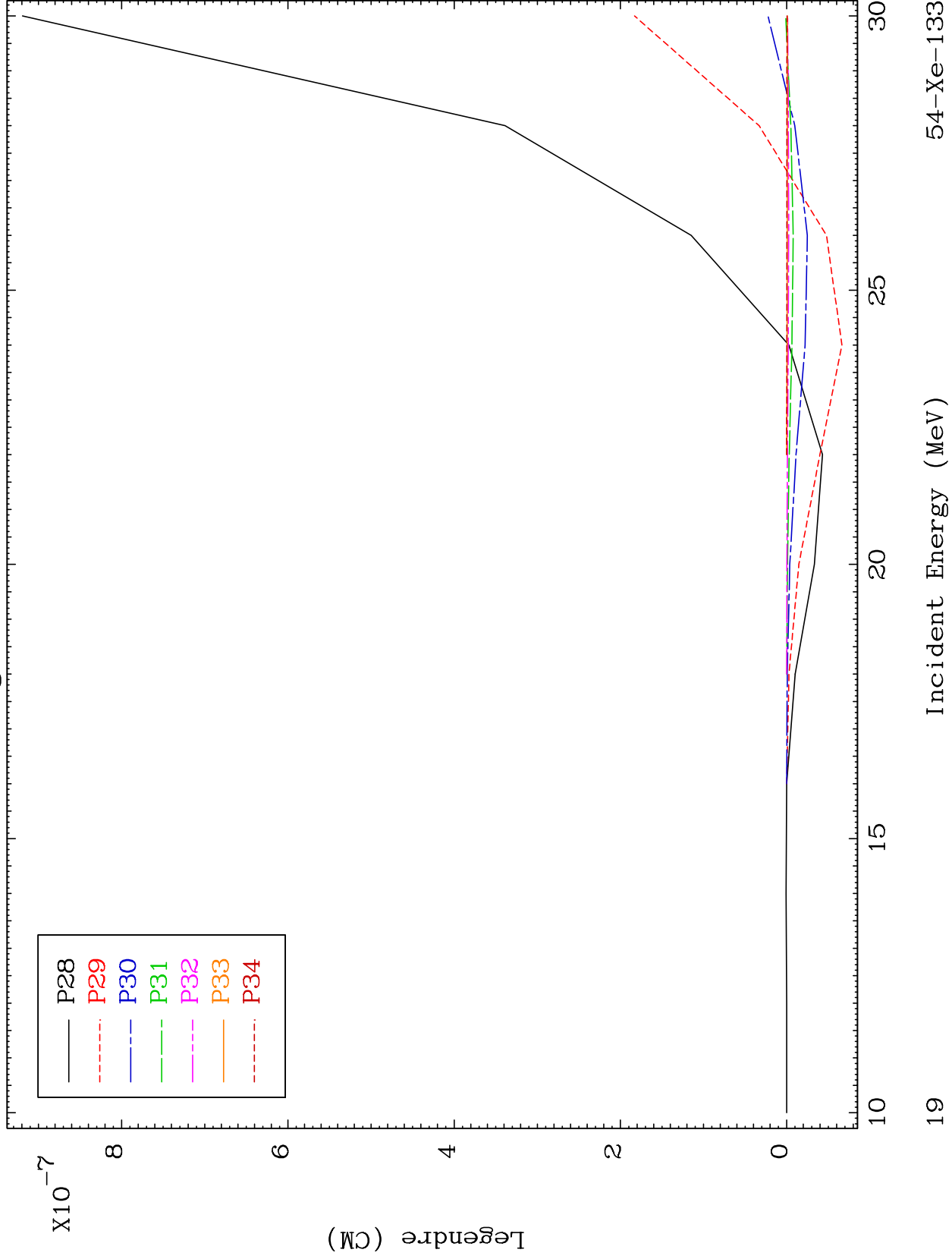
Incident Energy (MeV)

54-Xe-133

MAT 5452

Elastic Legendre Coefficients

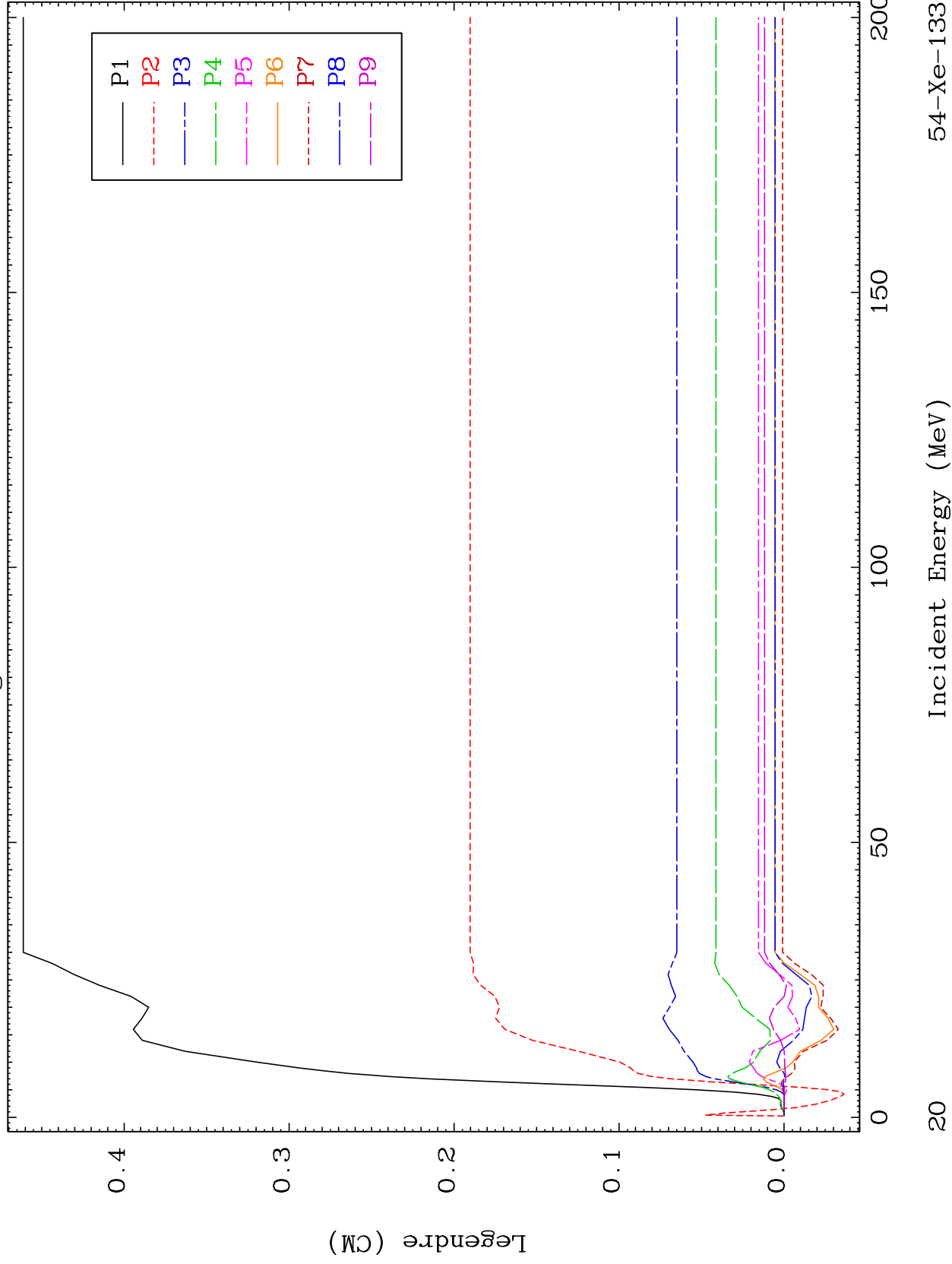
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

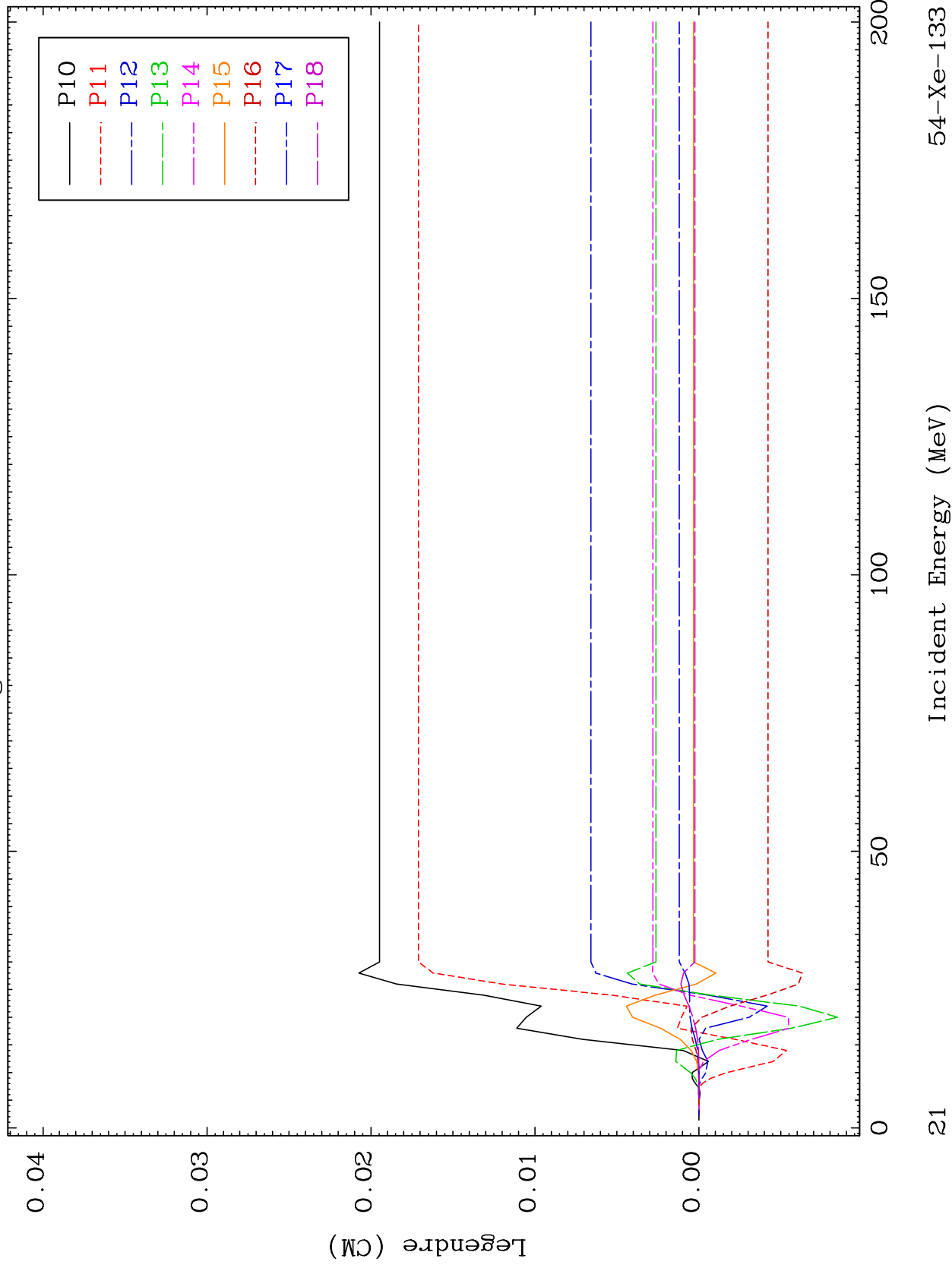
Incident Energy (MeV)

0

MAT 5452

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

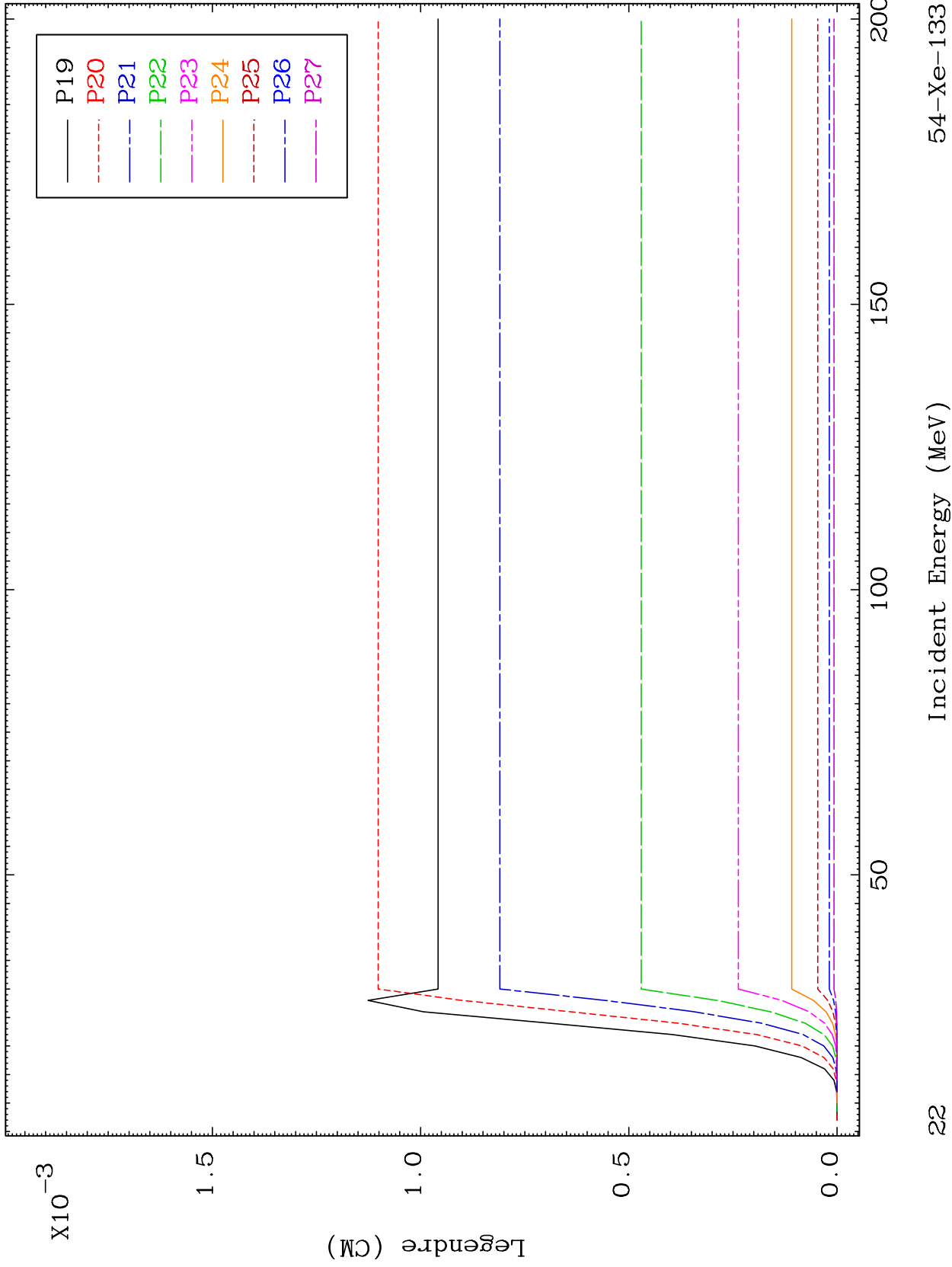
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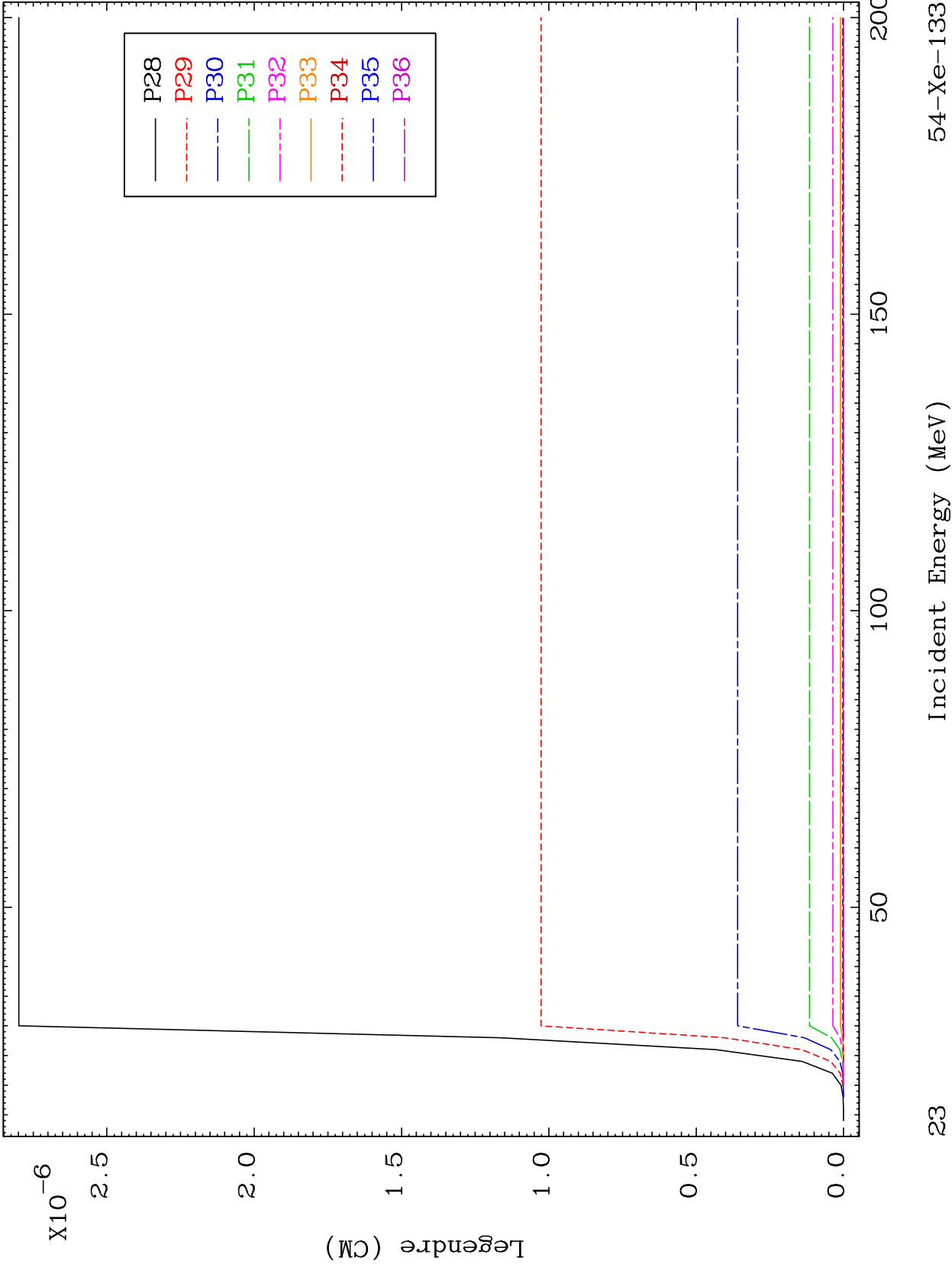


54-Xe-133

Incident Energy (MeV)

21

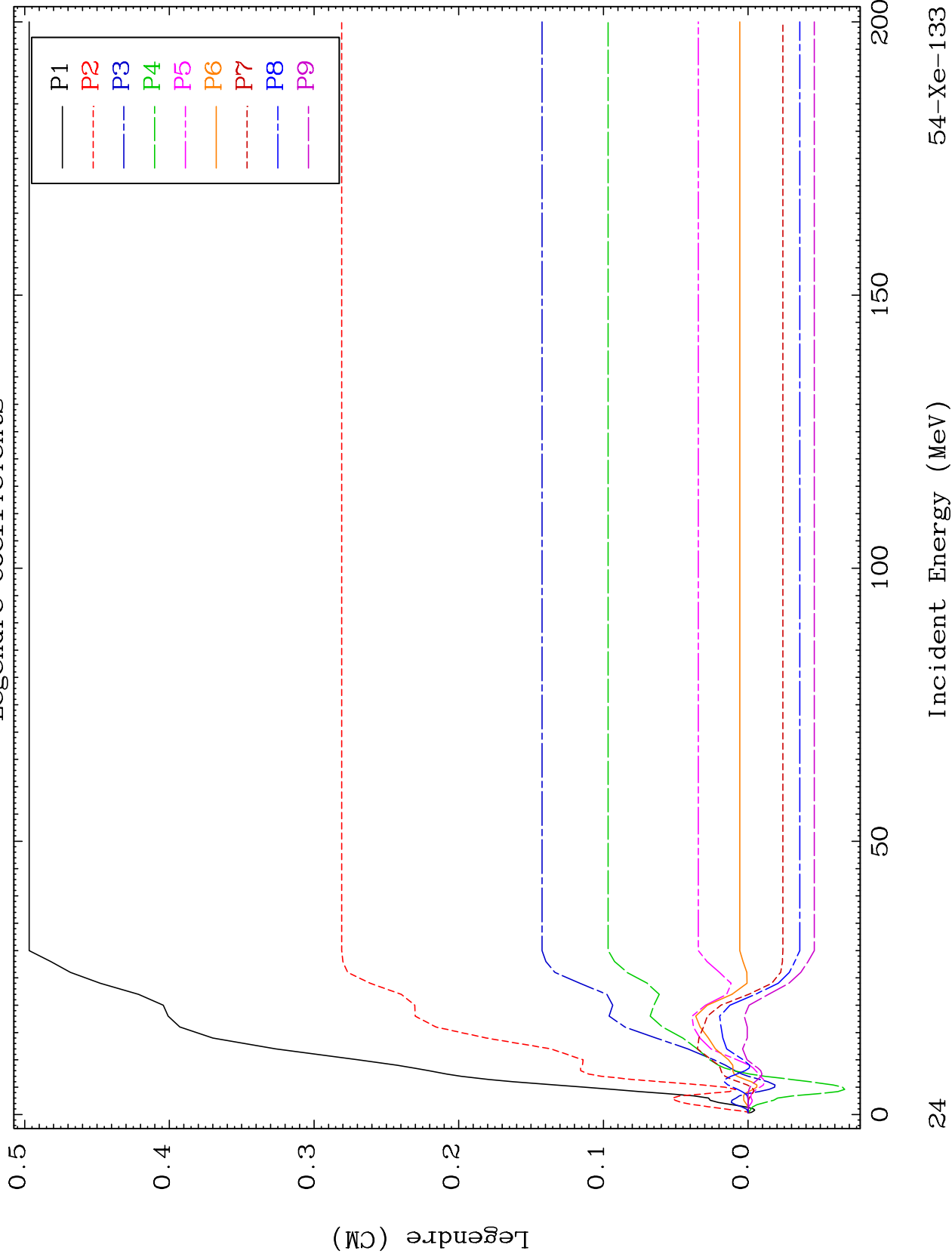




MAT 5452

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

54-Xe-133



54-Xe-133

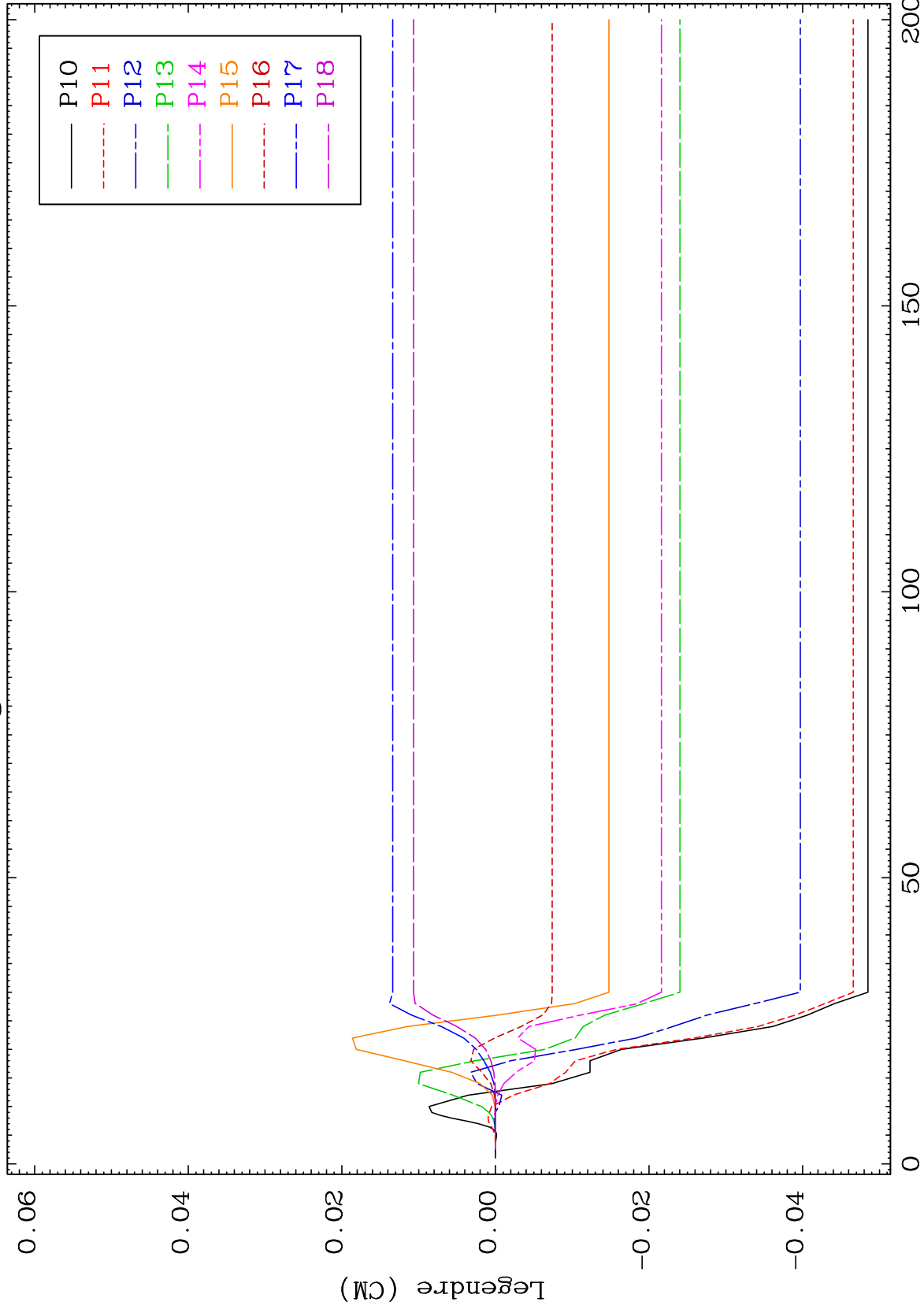
Incident Energy (MeV)

24

MAT 5452

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

54-Xe-133



25

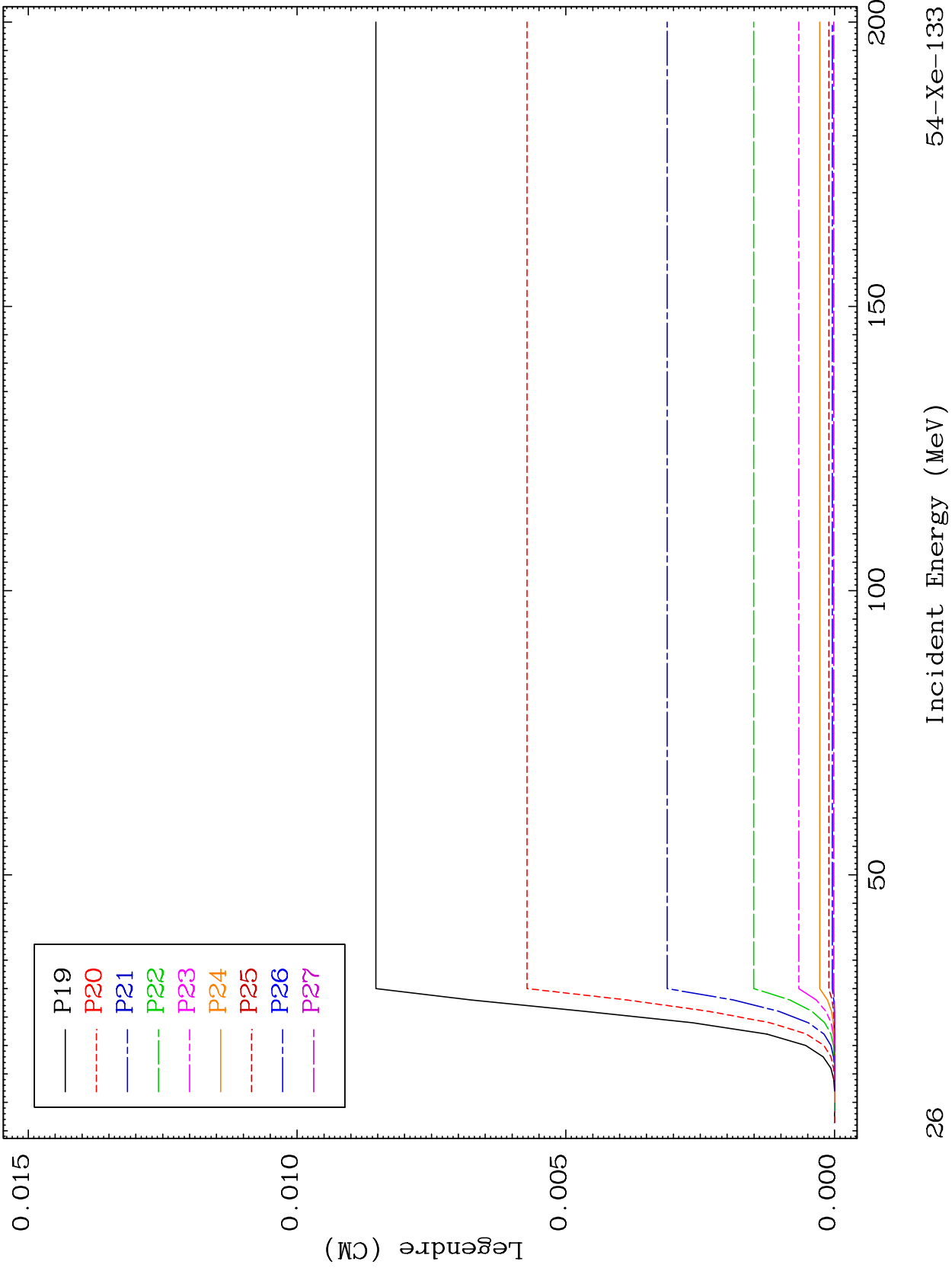
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



26

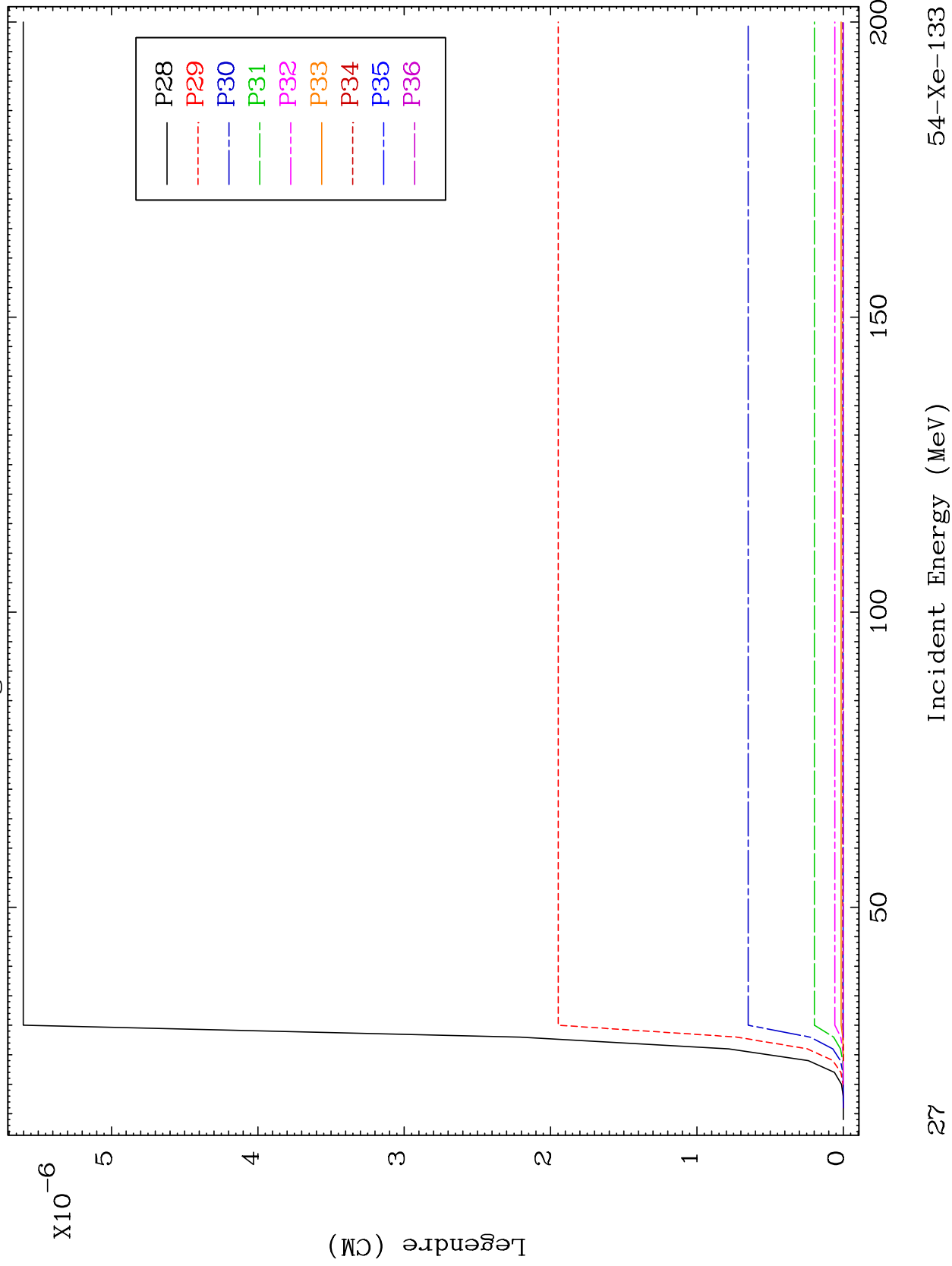
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

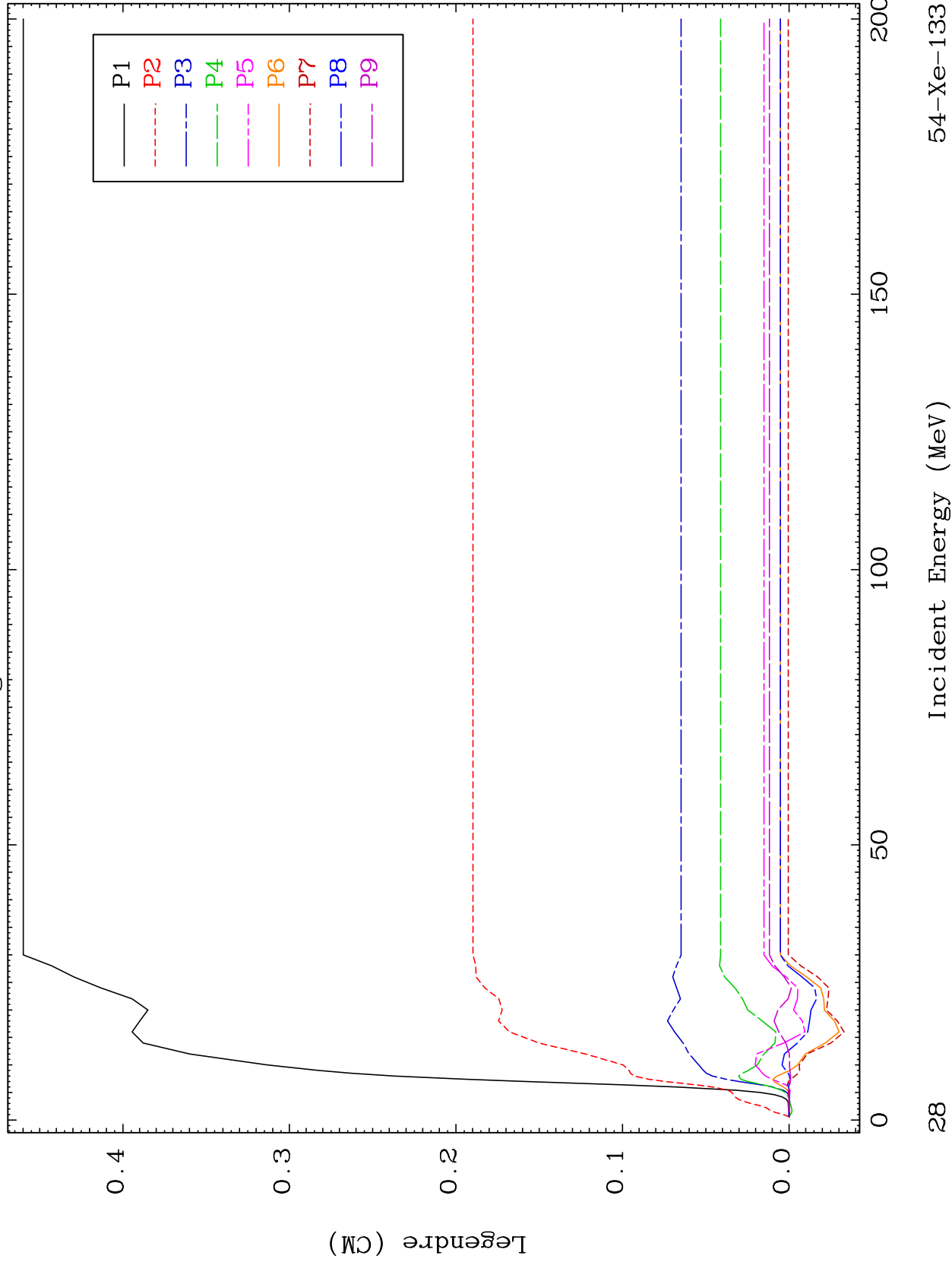
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

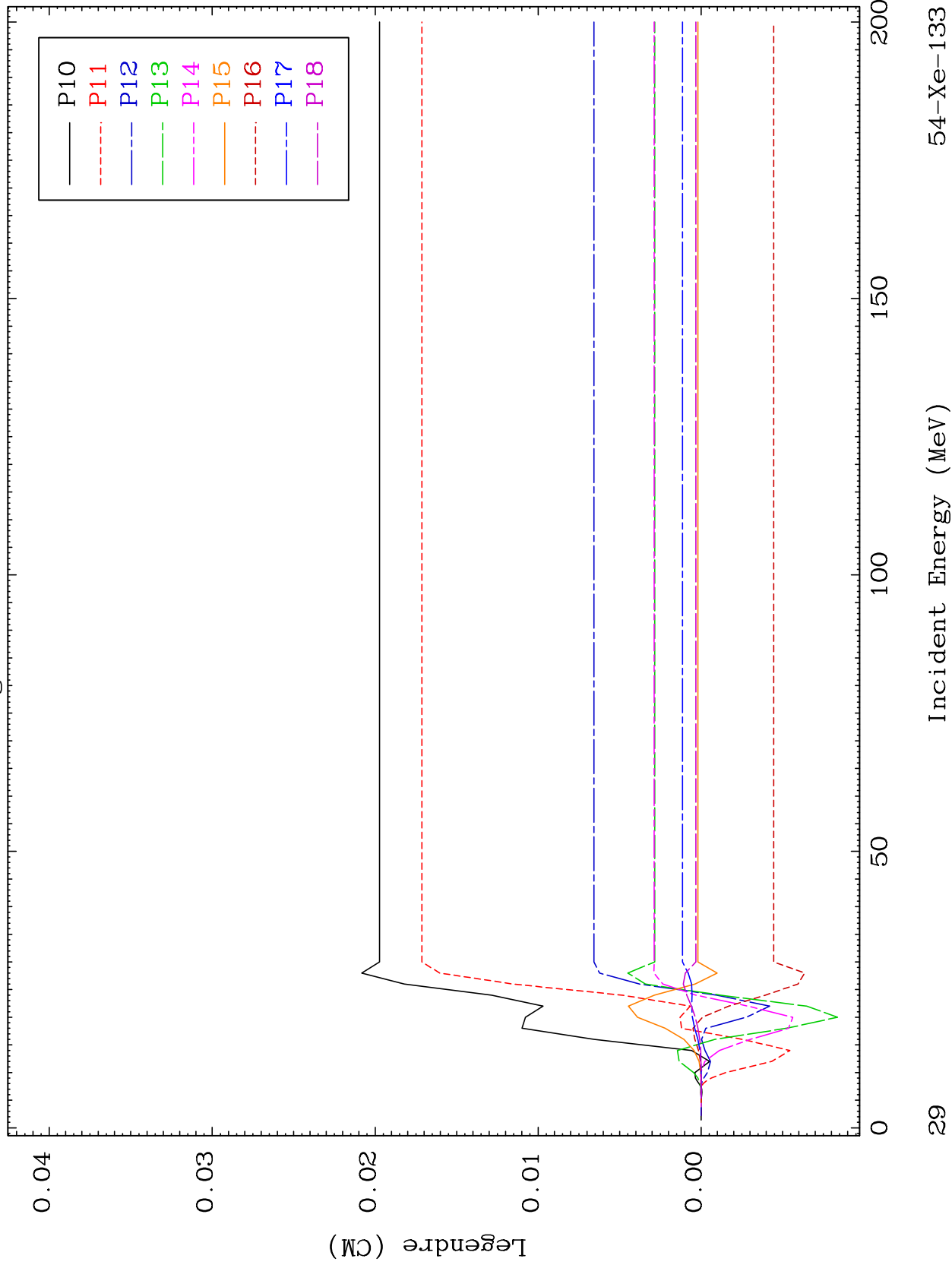
Incident Energy (MeV)

28

MAT 5452

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

54-Xe-133



54-Xe-133

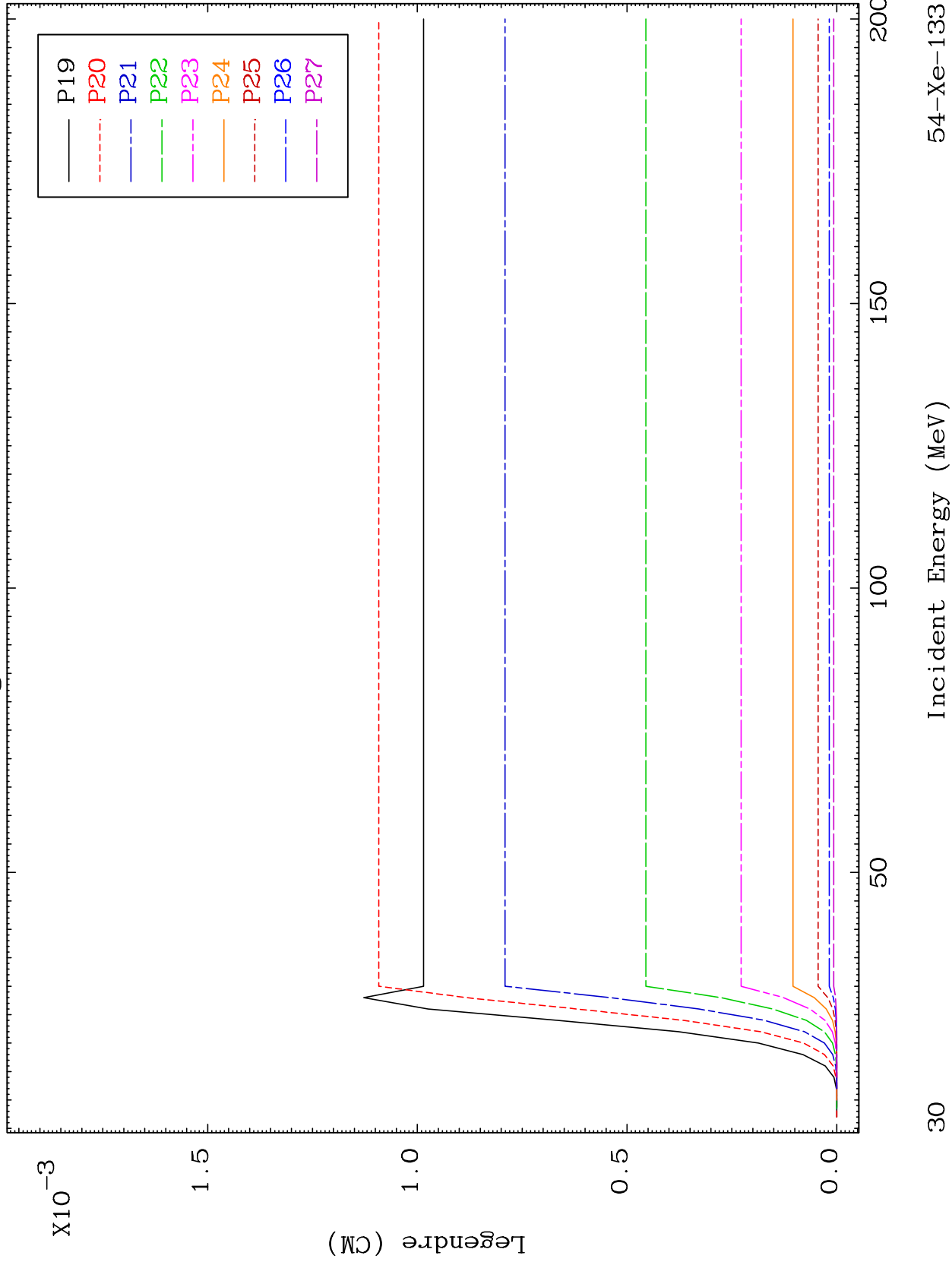
Incident Energy (MeV)

29

MAT 5452

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

54-Xe-133



54-Xe-133

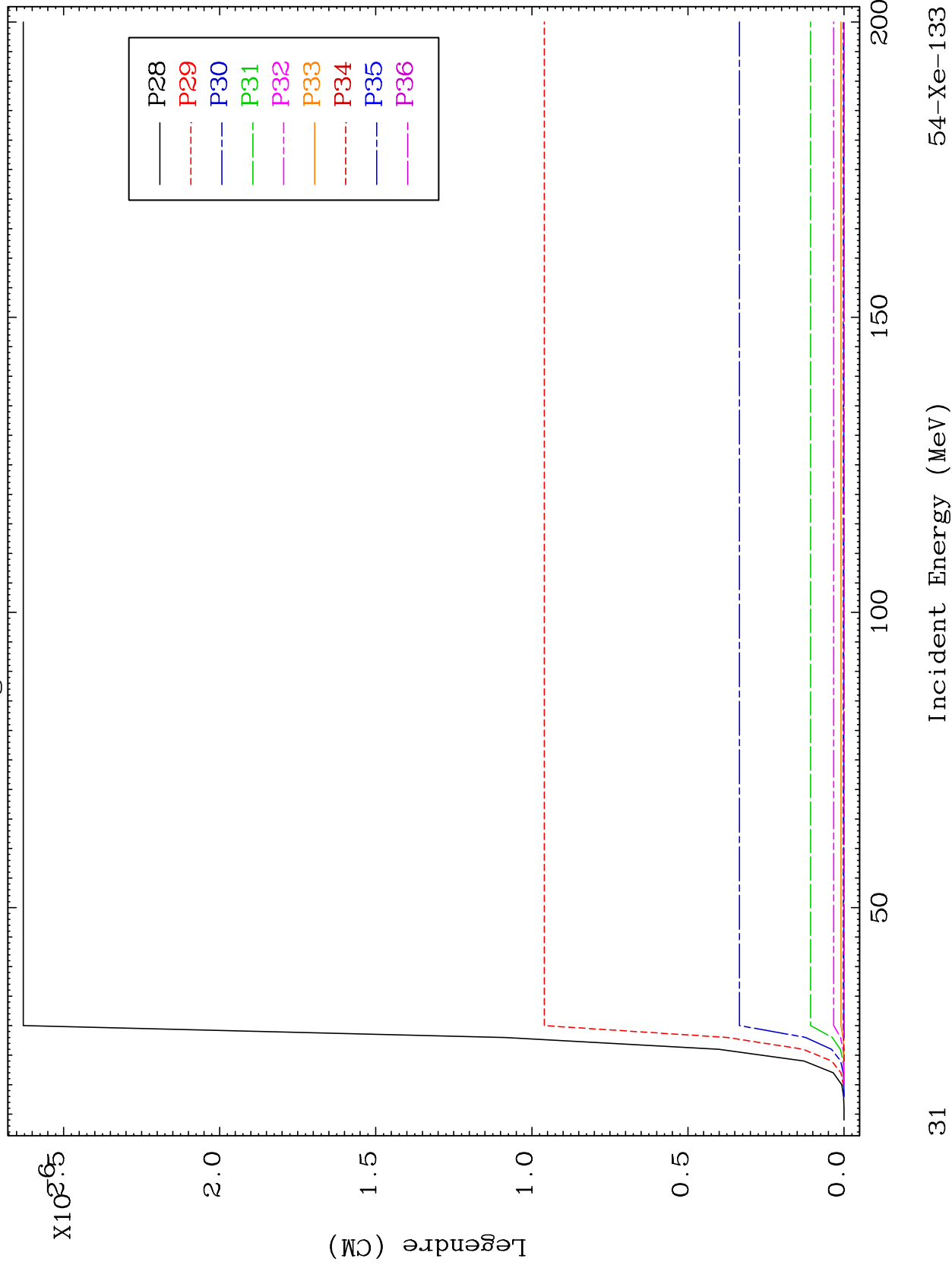
Incident Energy (MeV)

30

MAT 5452

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

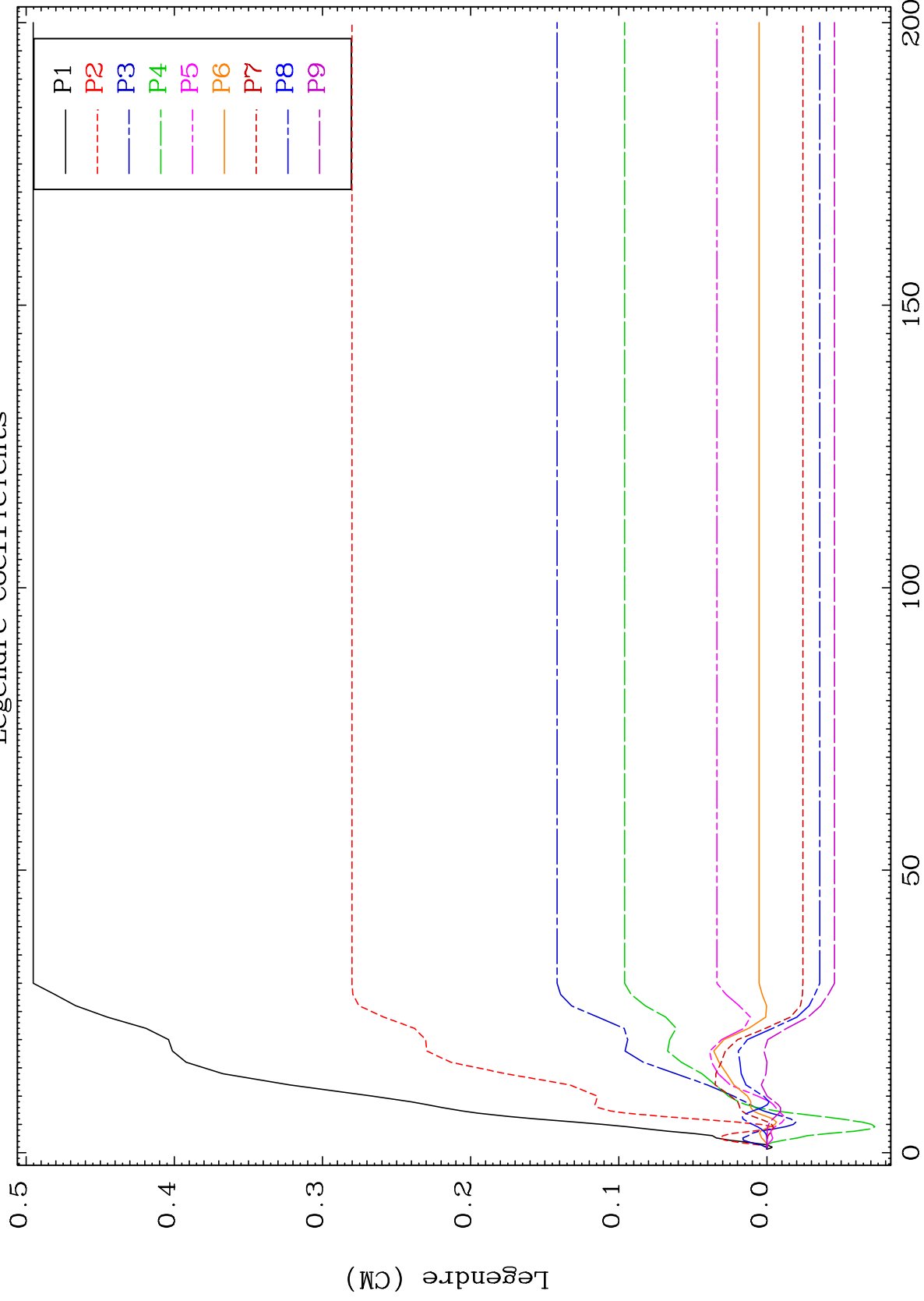
54-Xe-133



MAT 5452

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

54-Xe-133



32

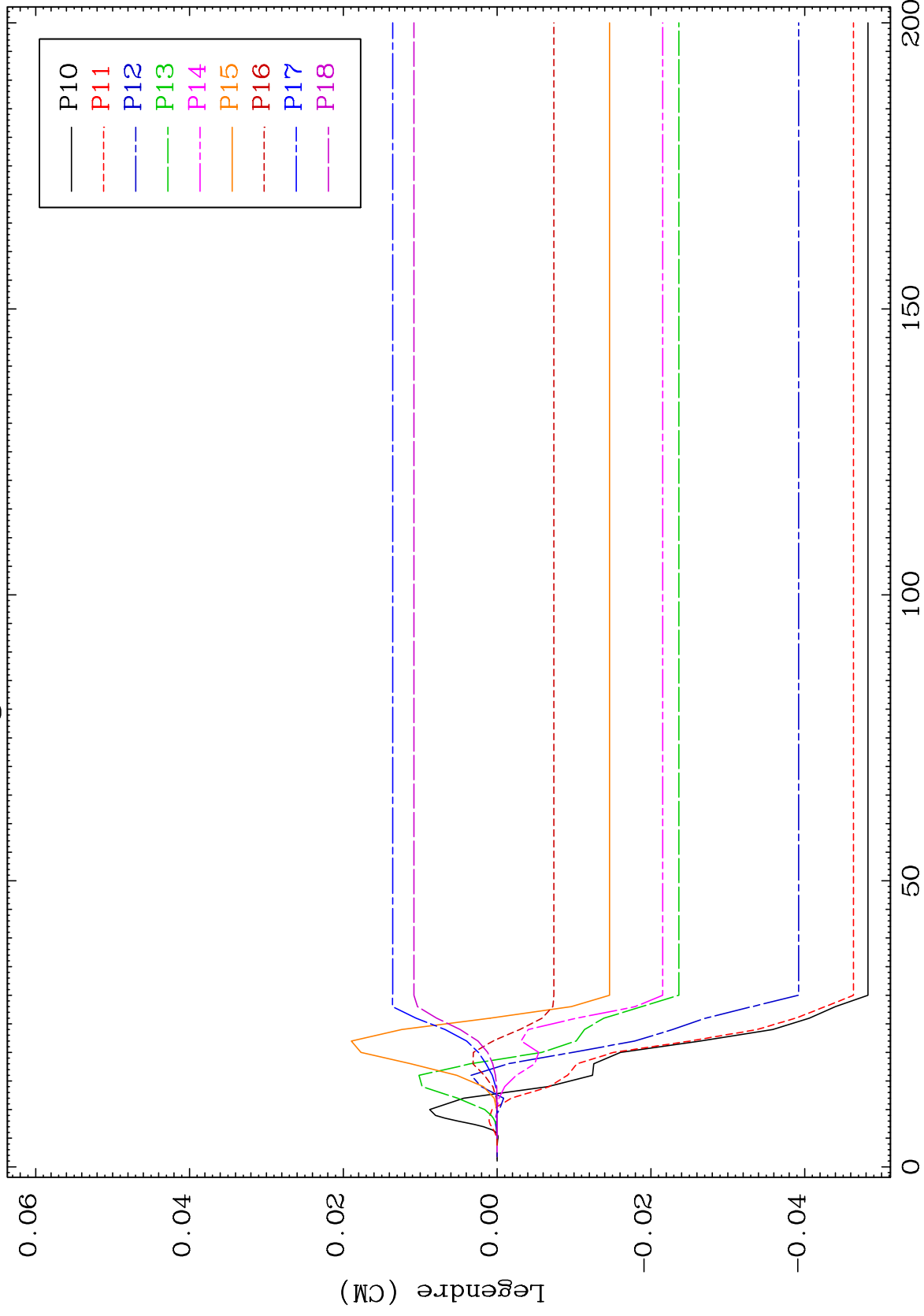
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



33

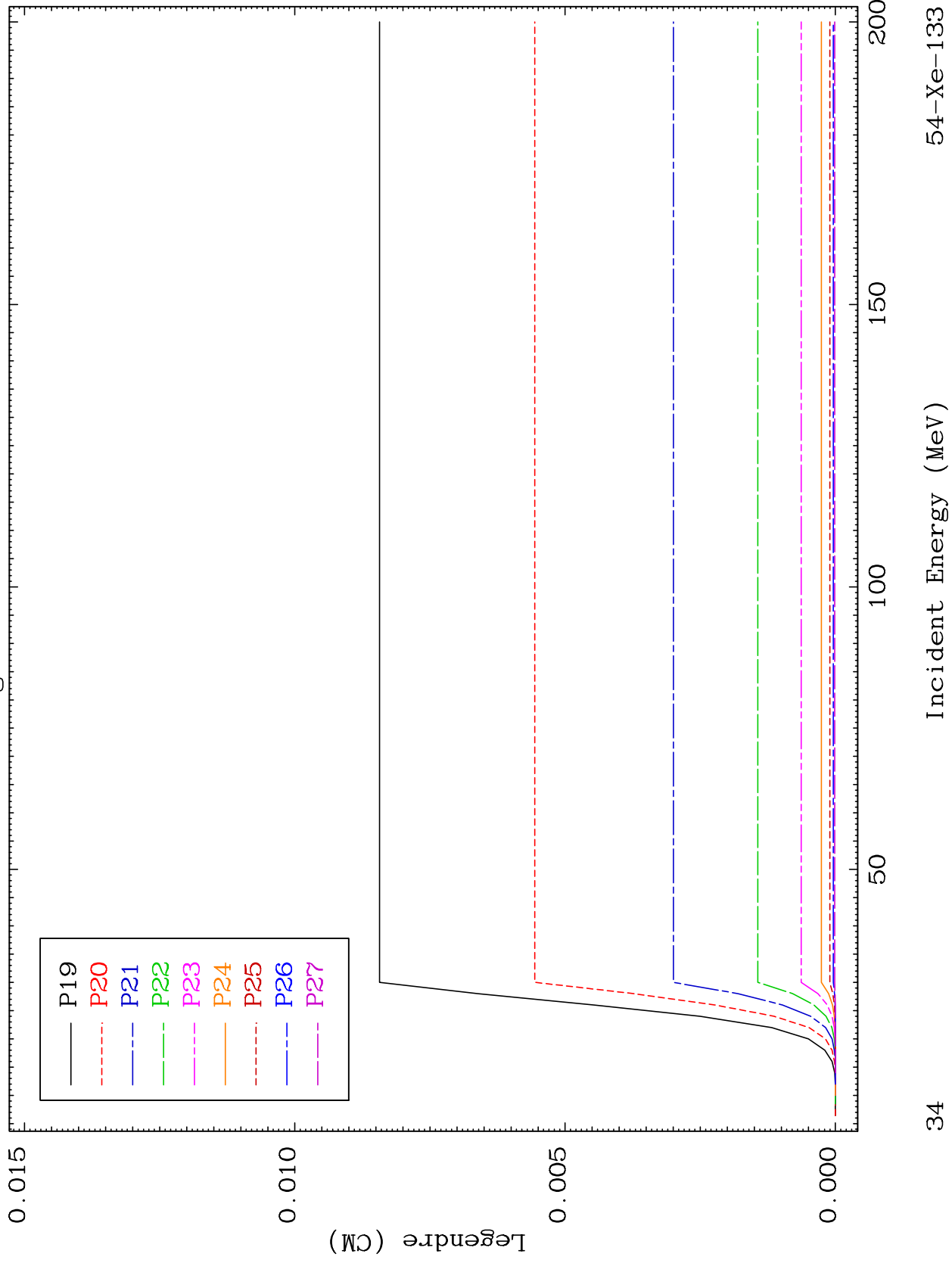
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



34

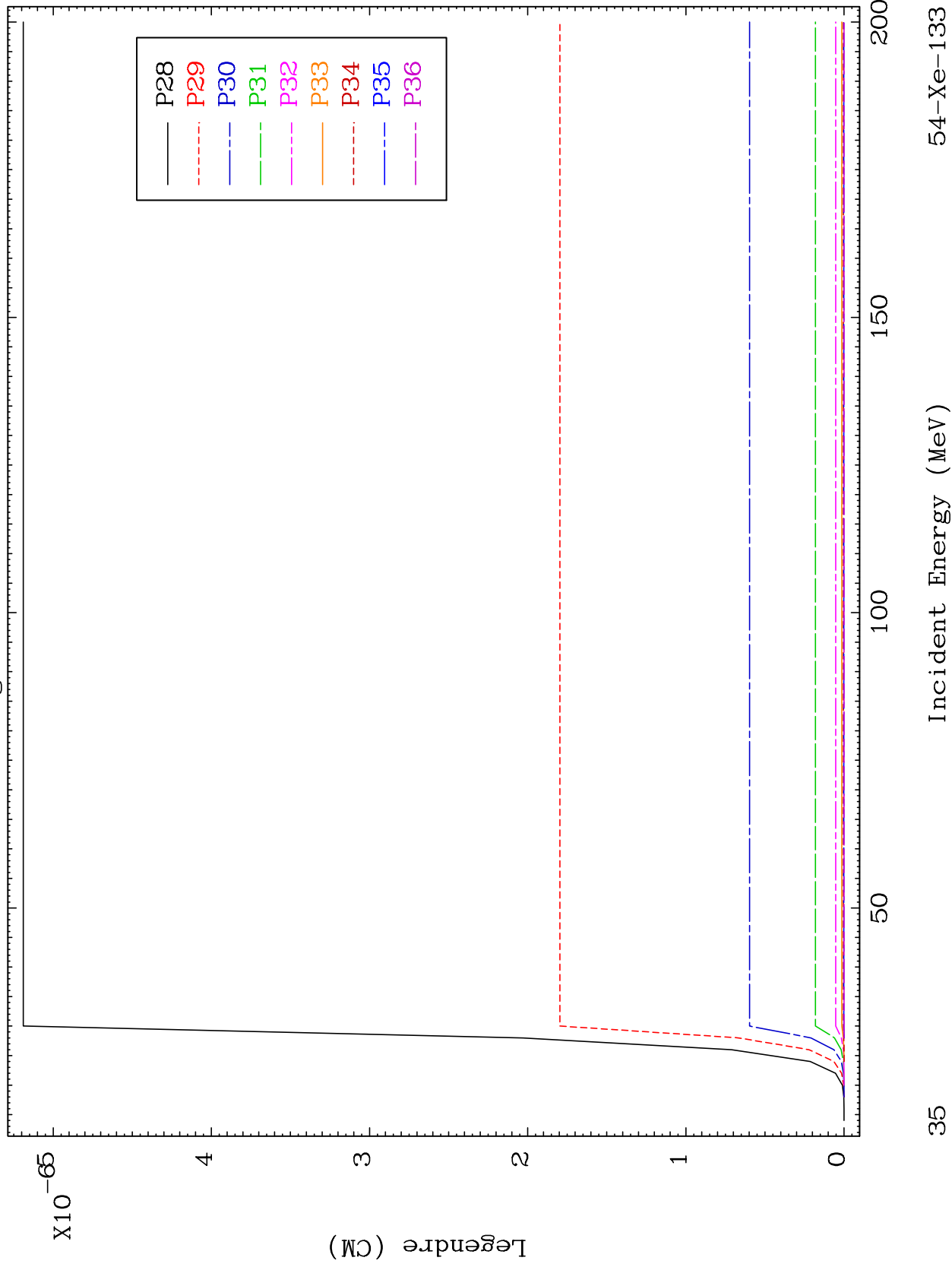
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



35

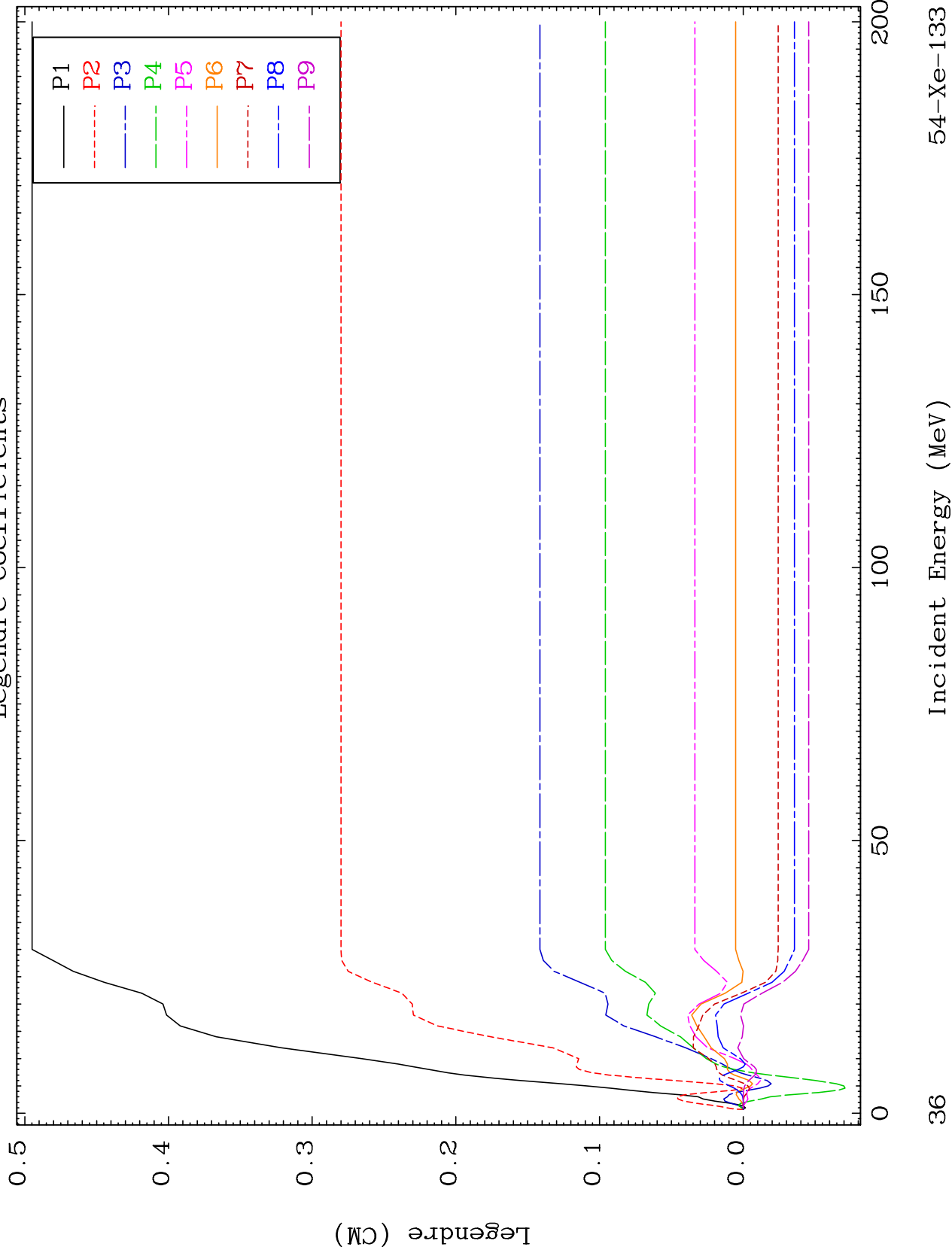
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

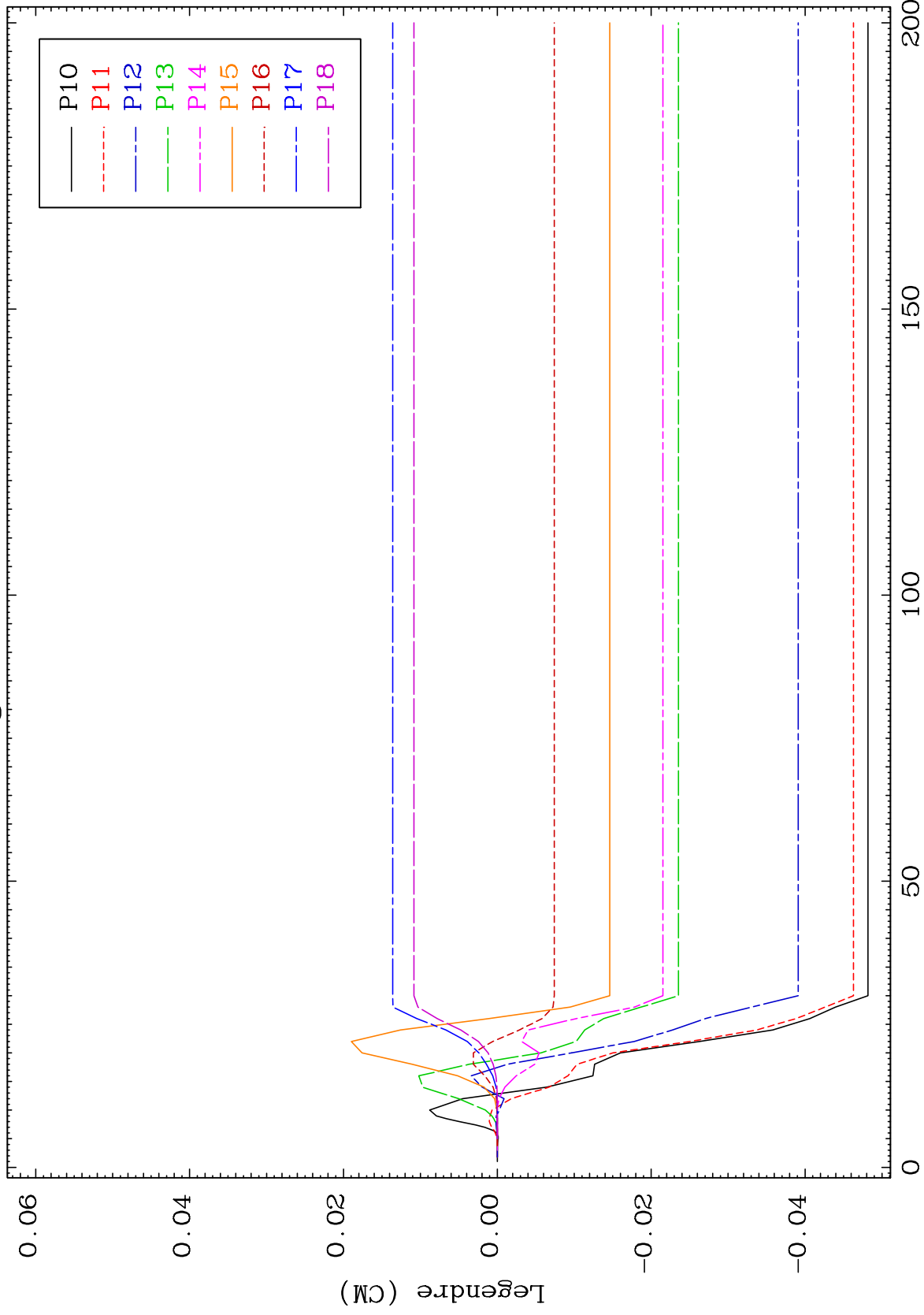
Incident Energy (MeV)

36

MAT 5452

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

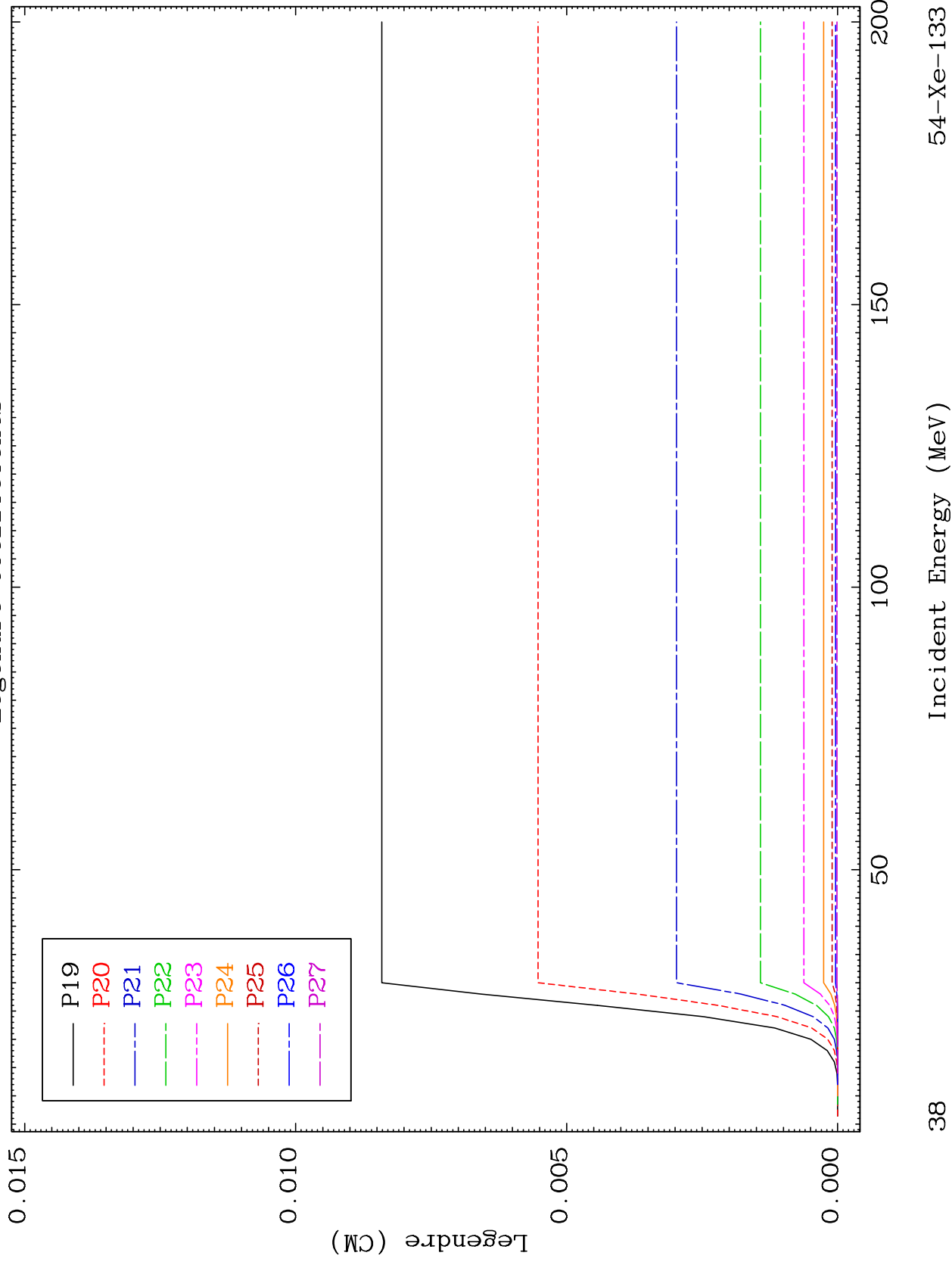
54-Xe-133



37

Incident Energy (MeV)

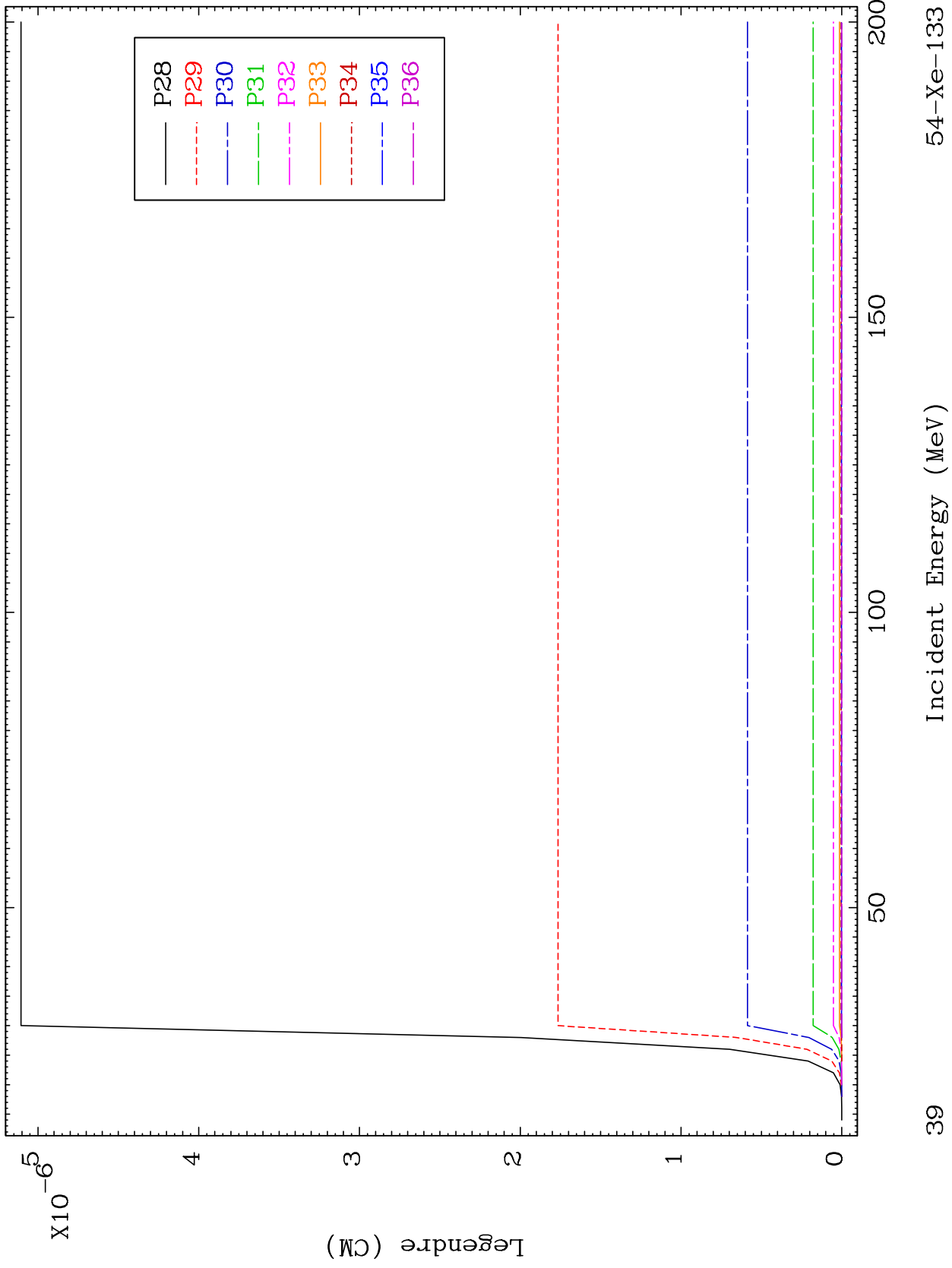
54-Xe-133



MAT 5452

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

54-Xe-133



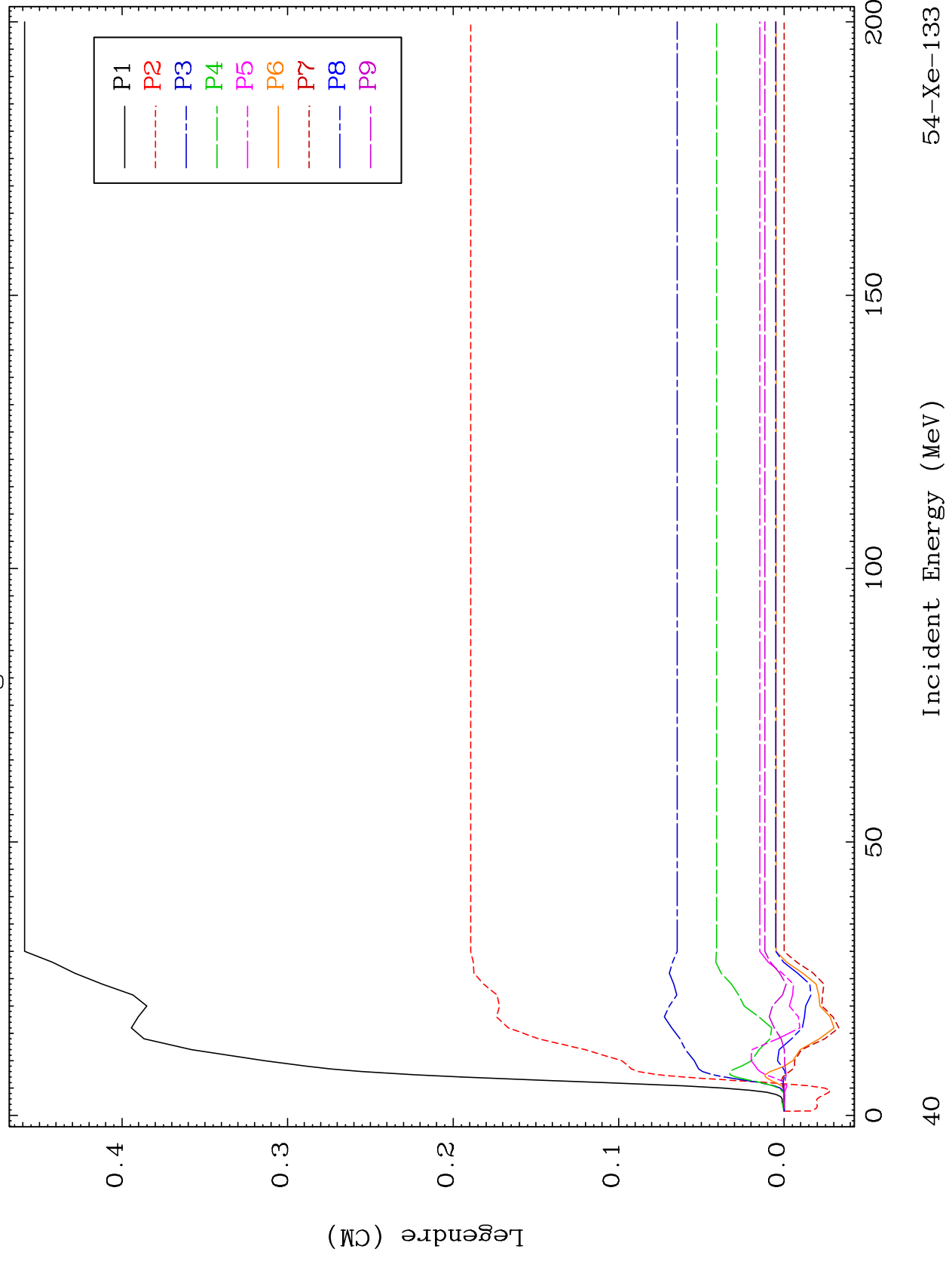
39

200

MAT 5452

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

54-Xe-133



54-Xe-133

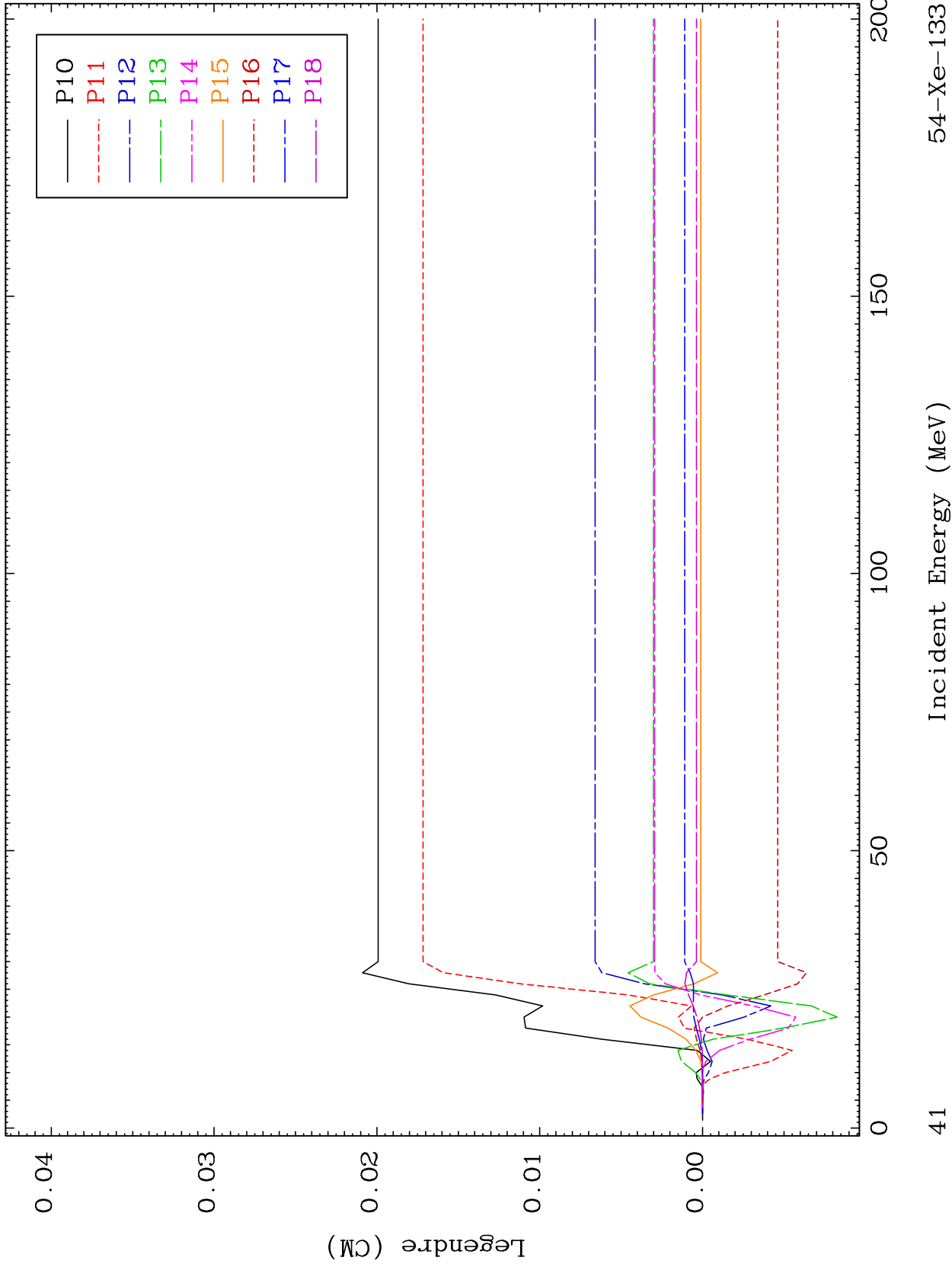
Incident Energy (MeV)

40

MAT 5452

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

54-Xe-133



41

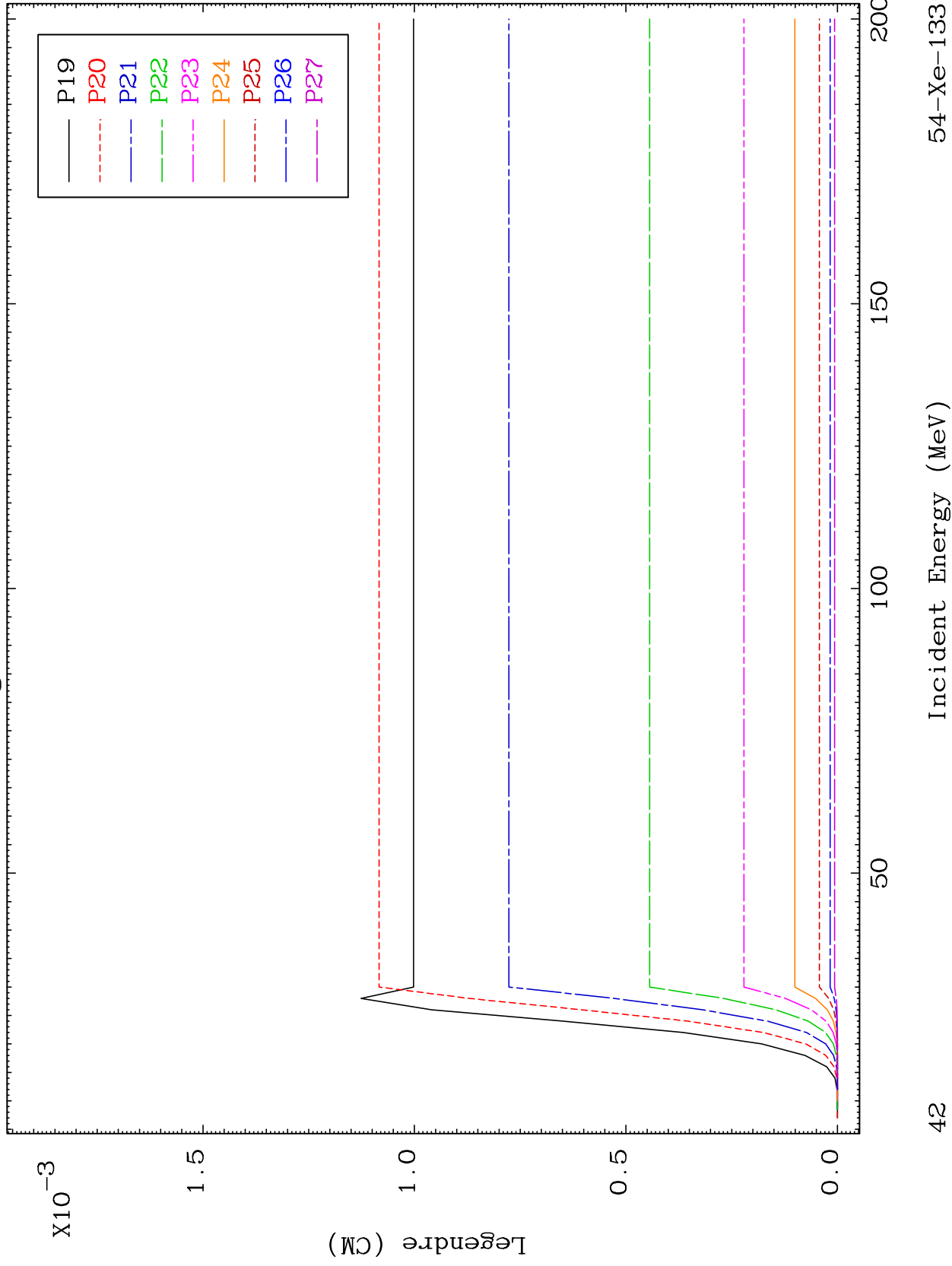
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

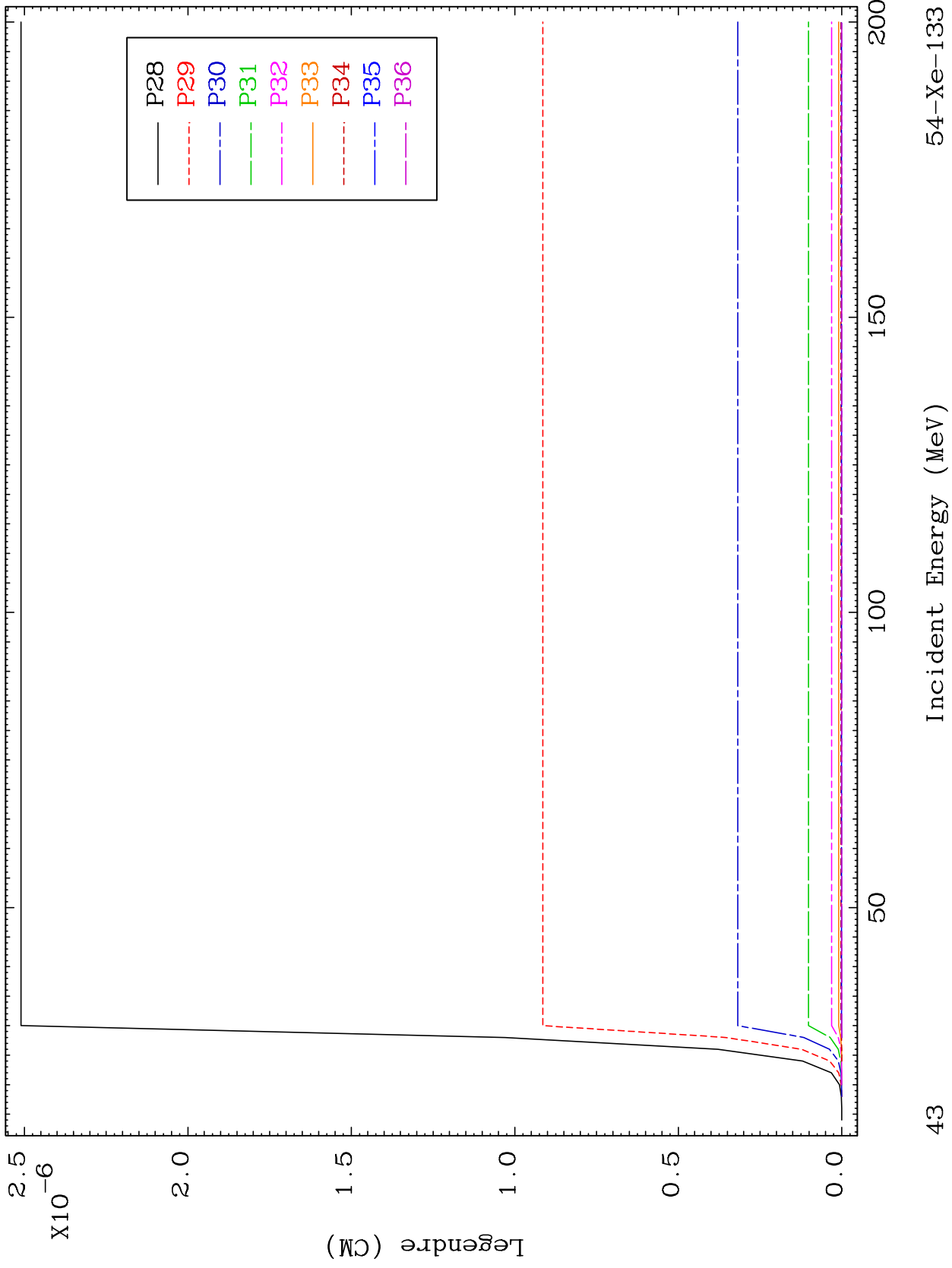
54-Xe-133



MAT 5452

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

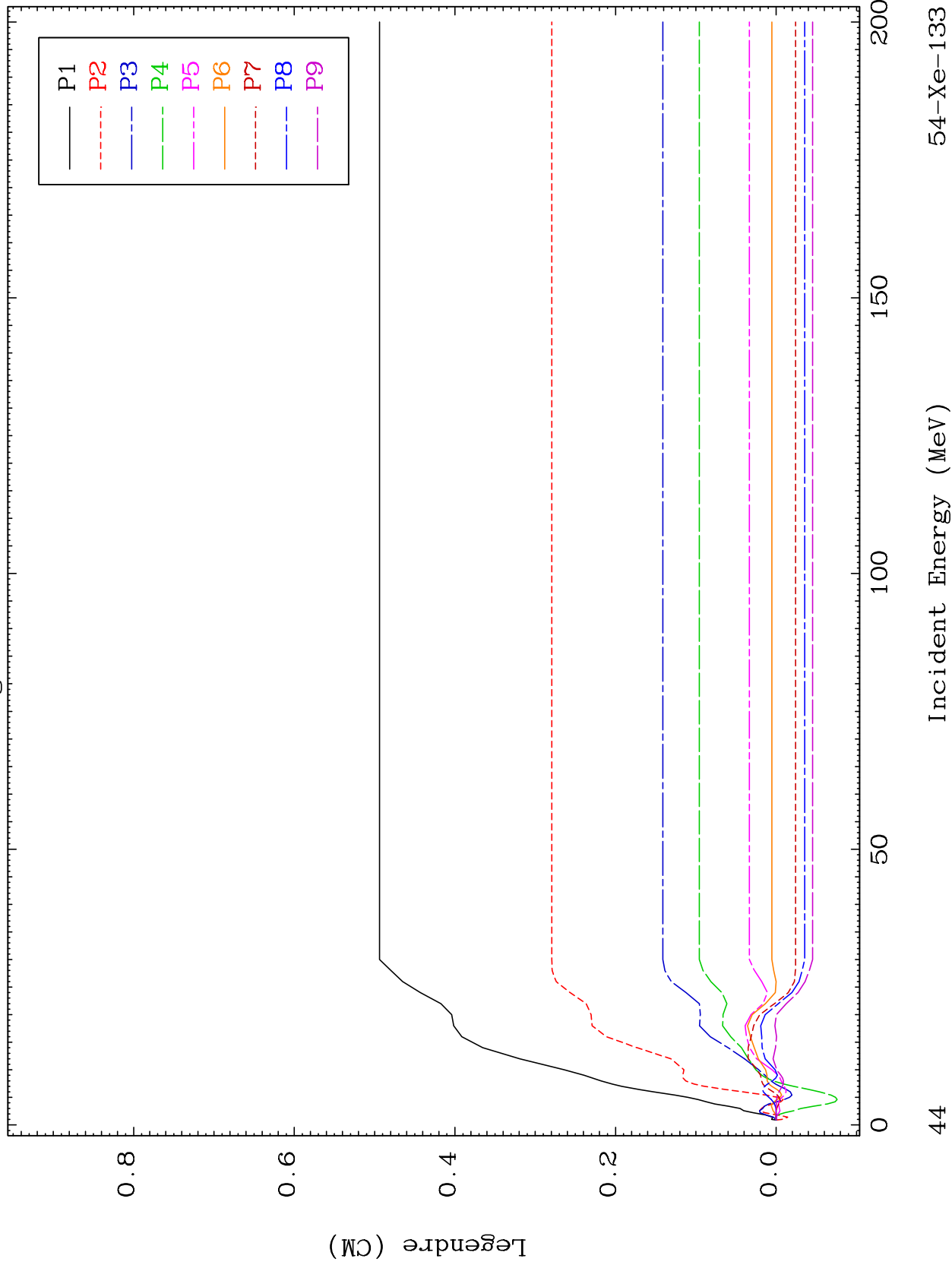
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

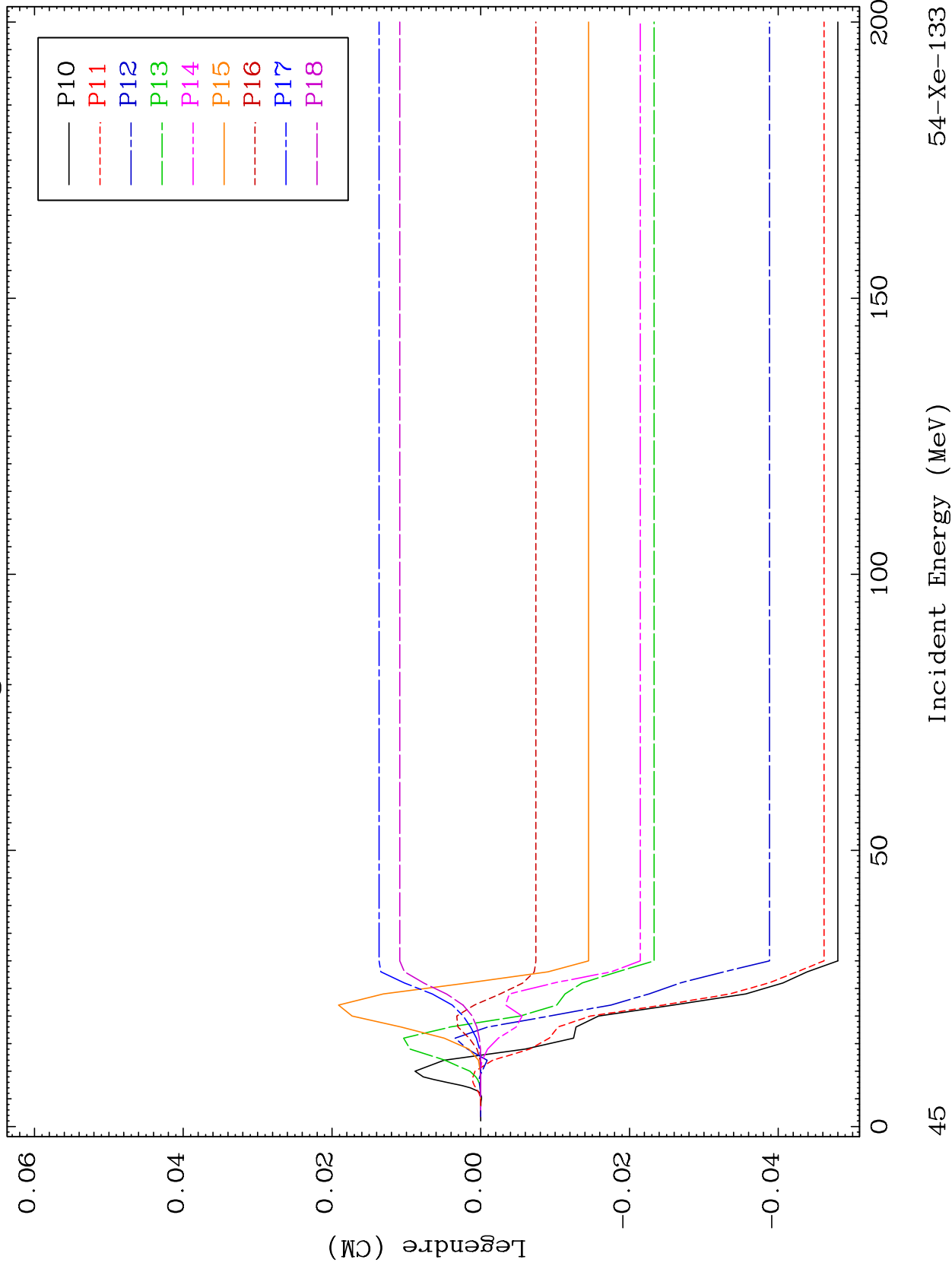
Incident Energy (MeV)

44

MAT 5452

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

54-Xe-133



54-Xe-133

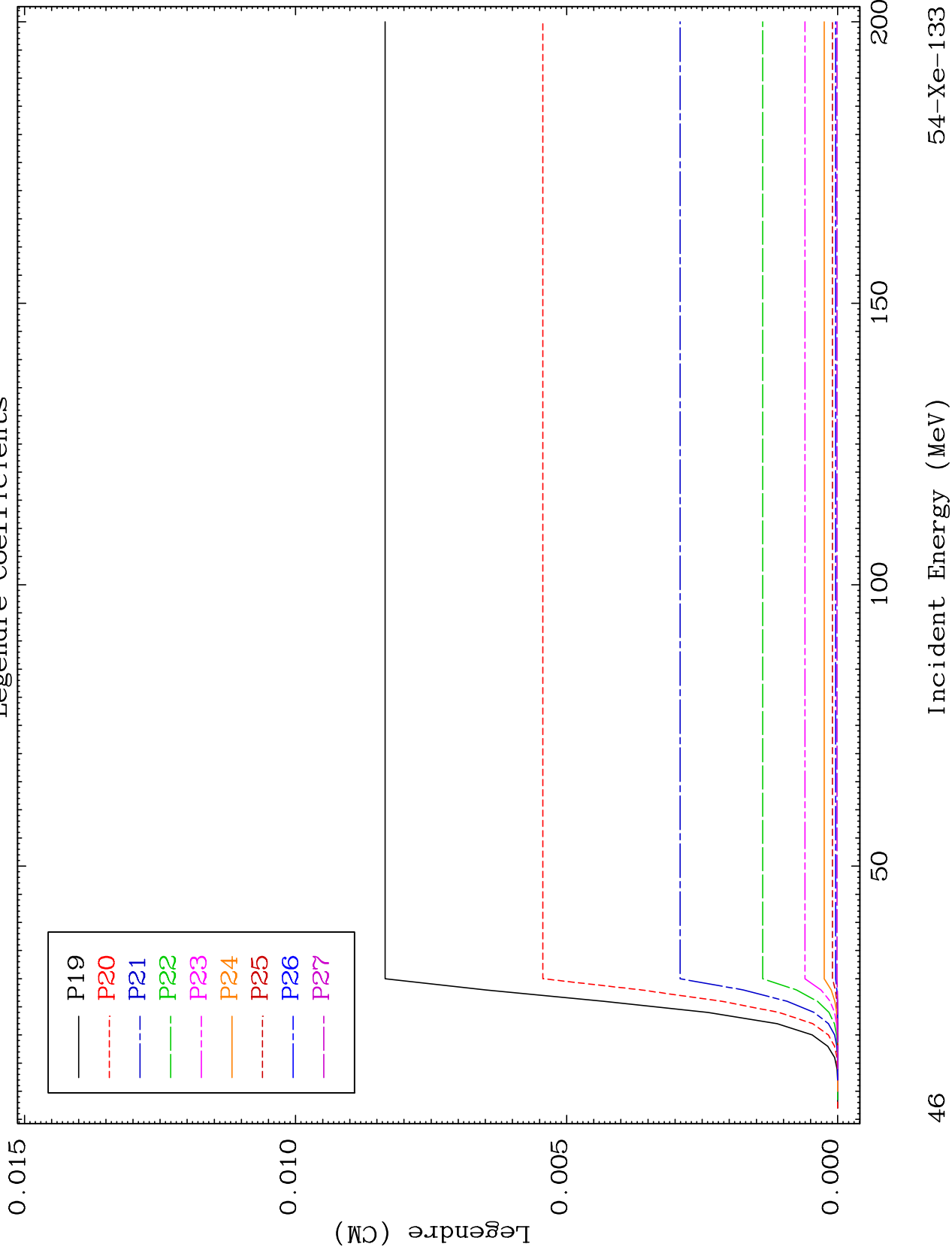
Incident Energy (MeV)

45

MAT 5452

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

54-Xe-133



46

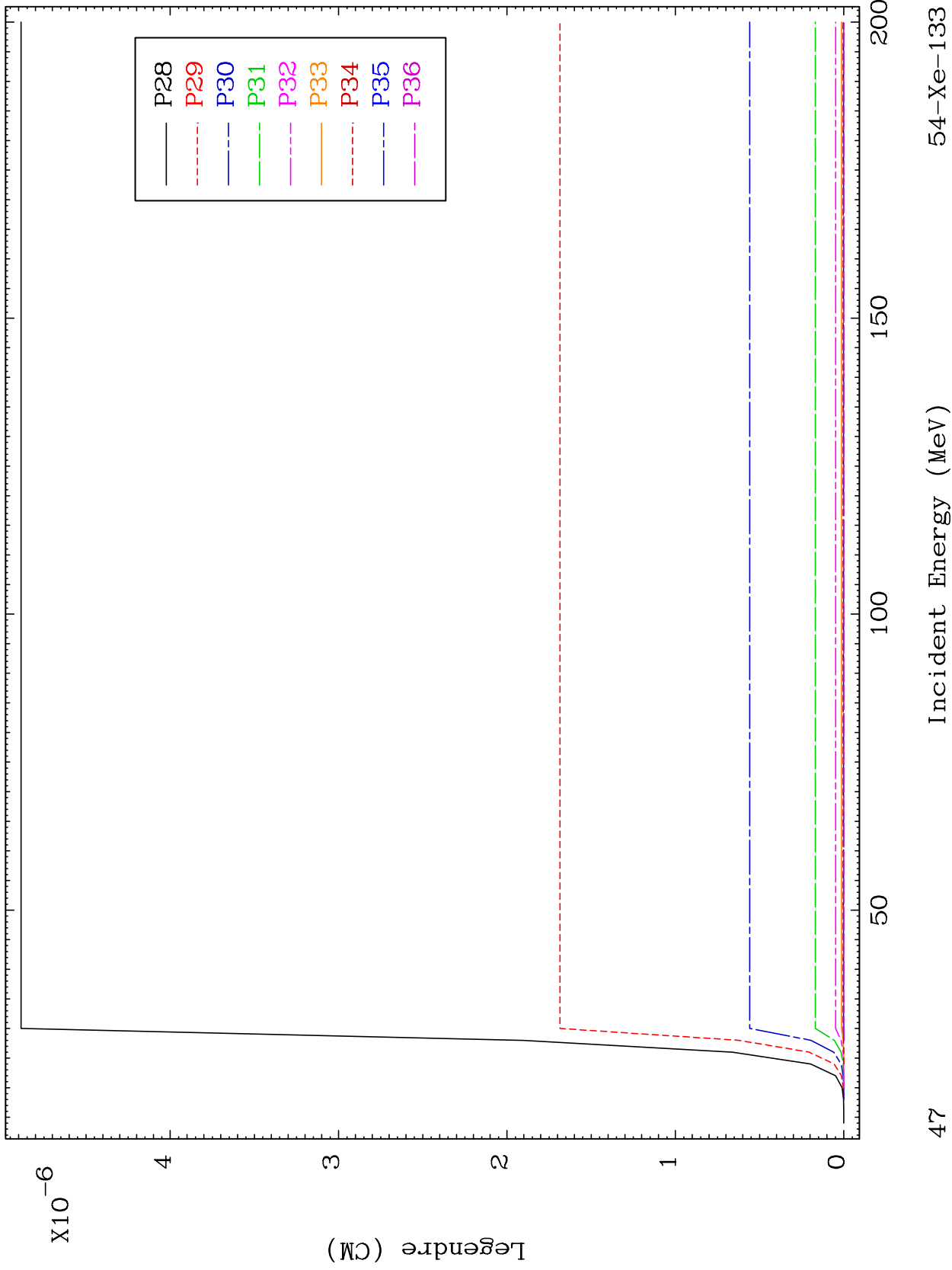
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

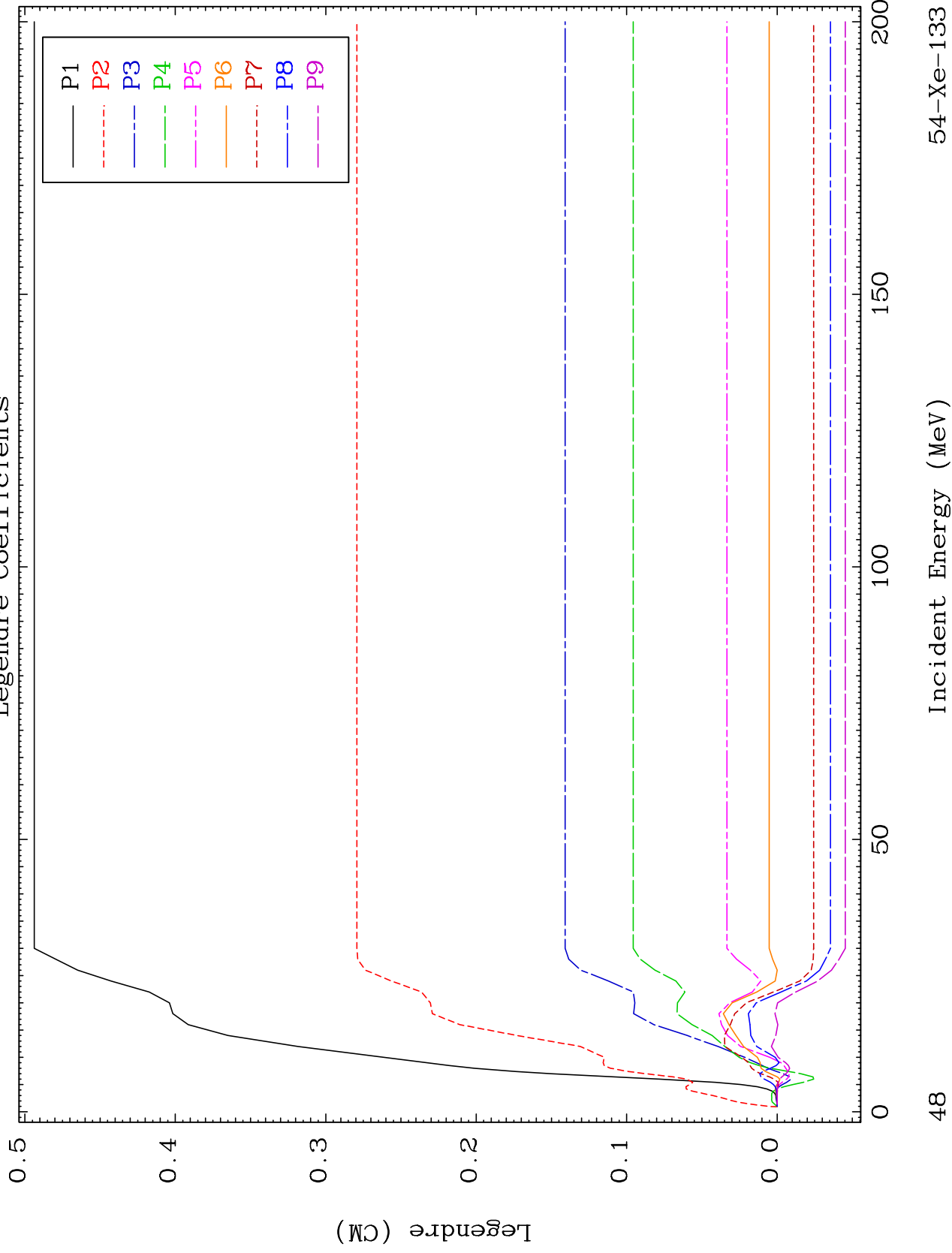
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

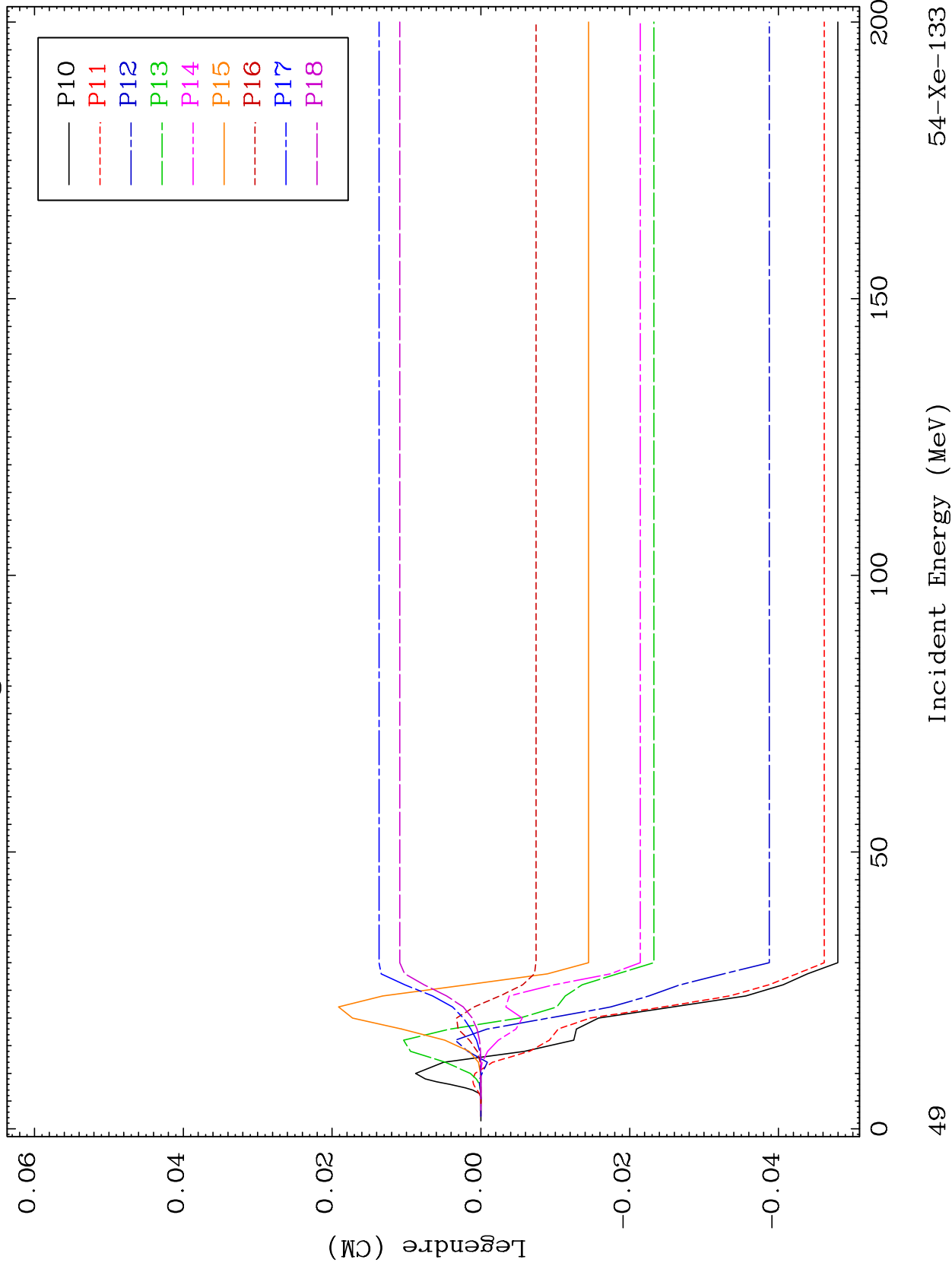
Incident Energy (MeV)

48

MAT 5452

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

54-Xe-133



54-Xe-133

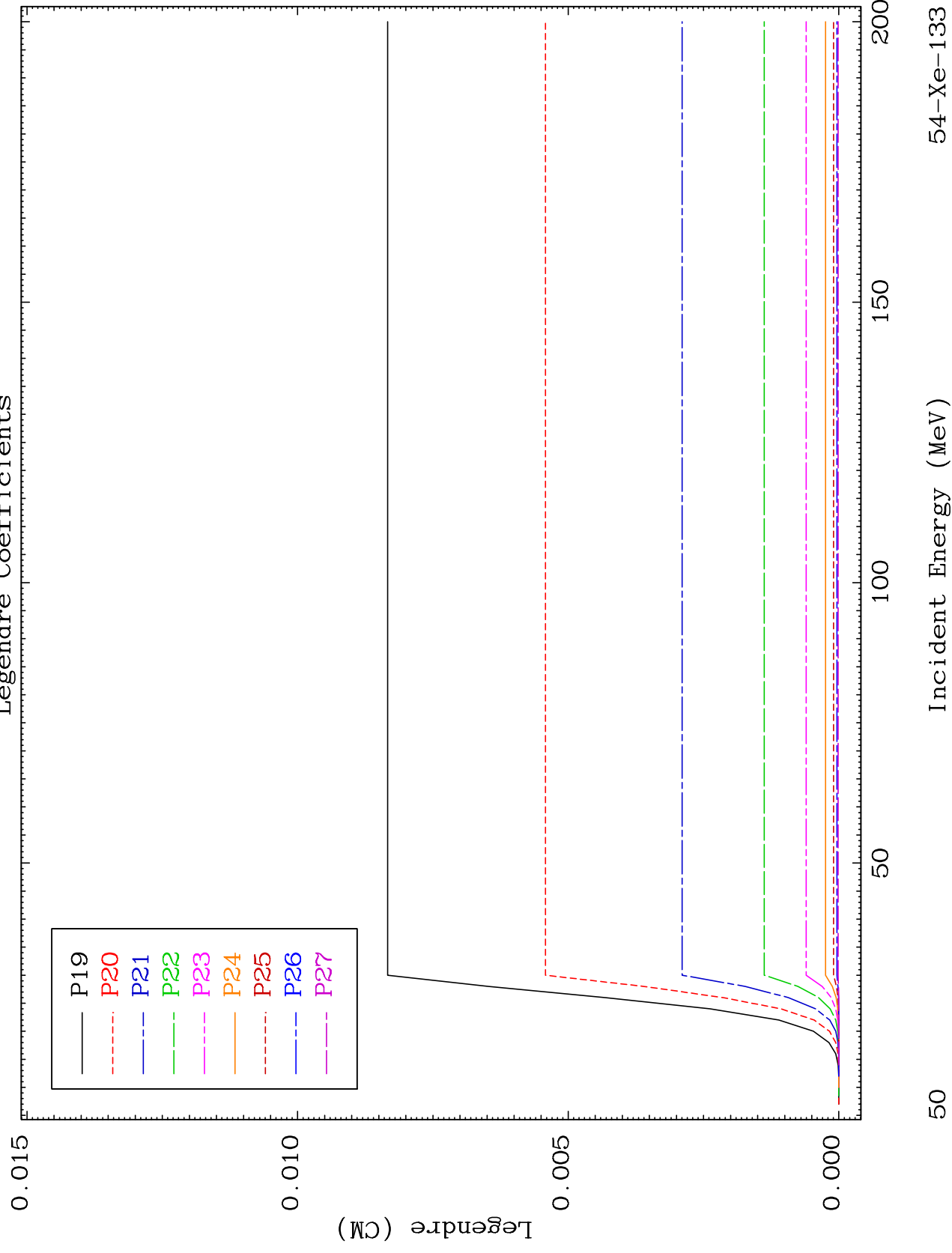
Incident Energy (MeV)

49

MAT 5452

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

54-Xe-133



54-Xe-133

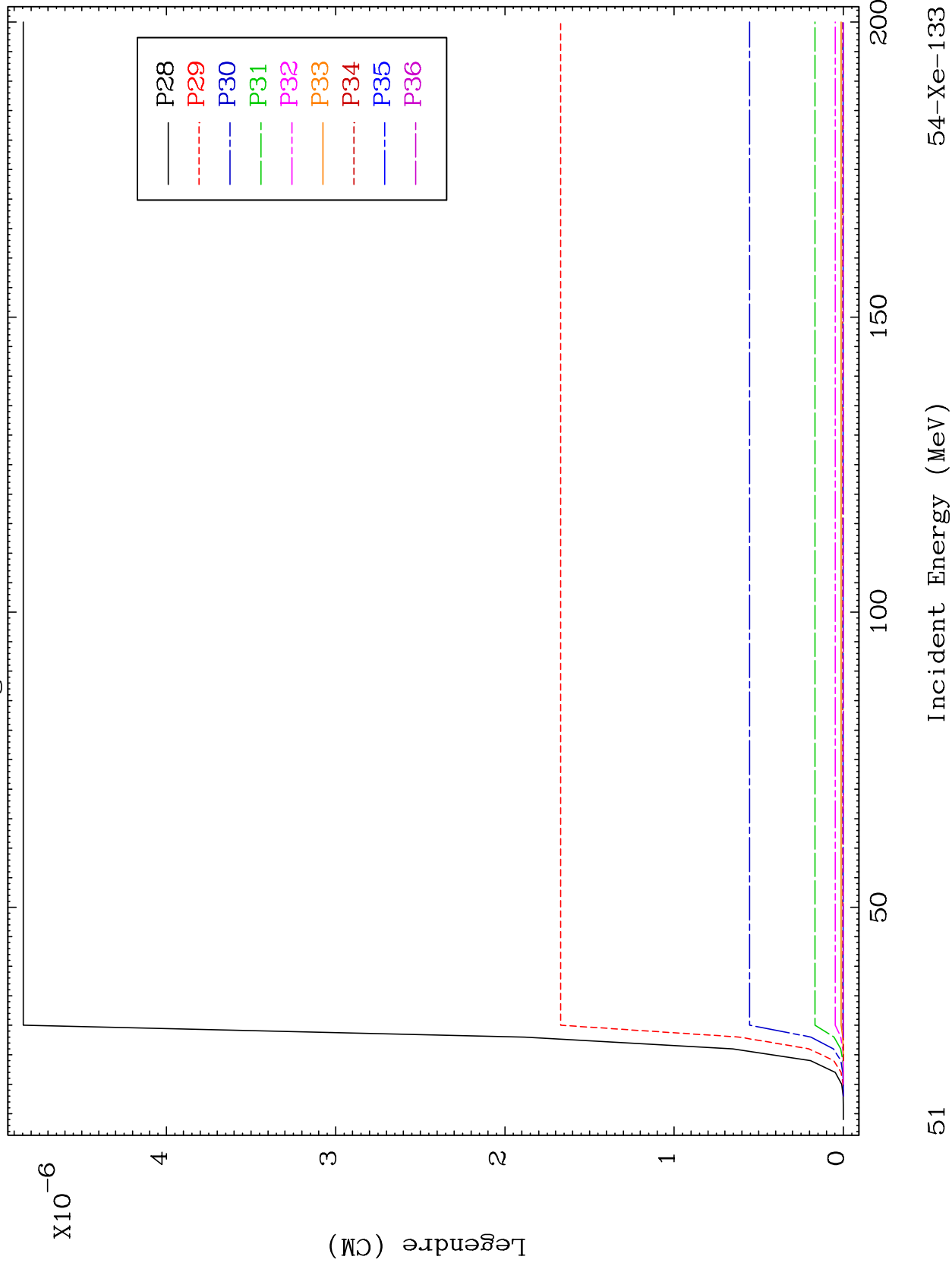
Incident Energy (MeV)

50

MAT 5452

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

54-Xe-133



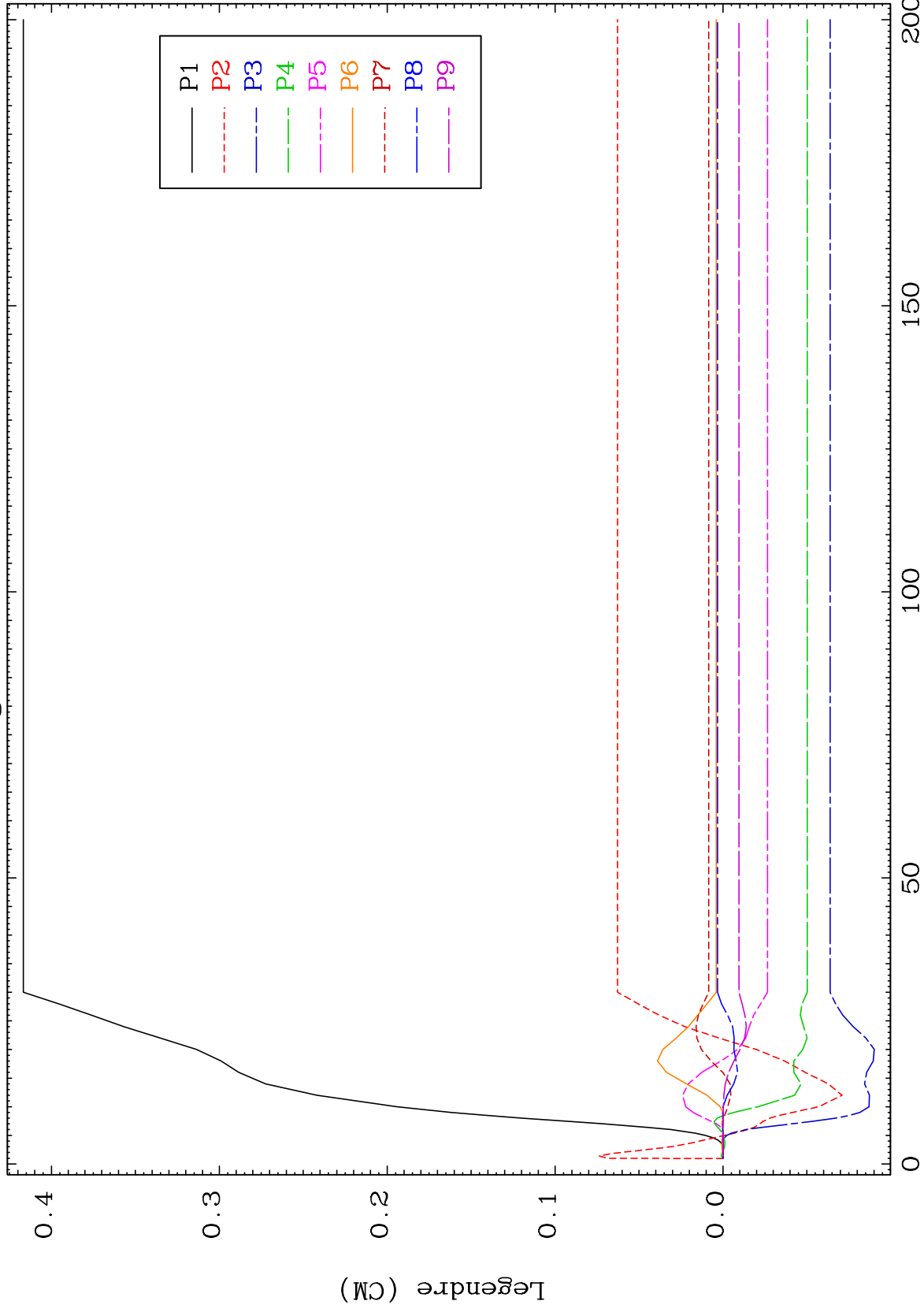
51

54-Xe-133

MAT 5452

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

54-Xe-133



52

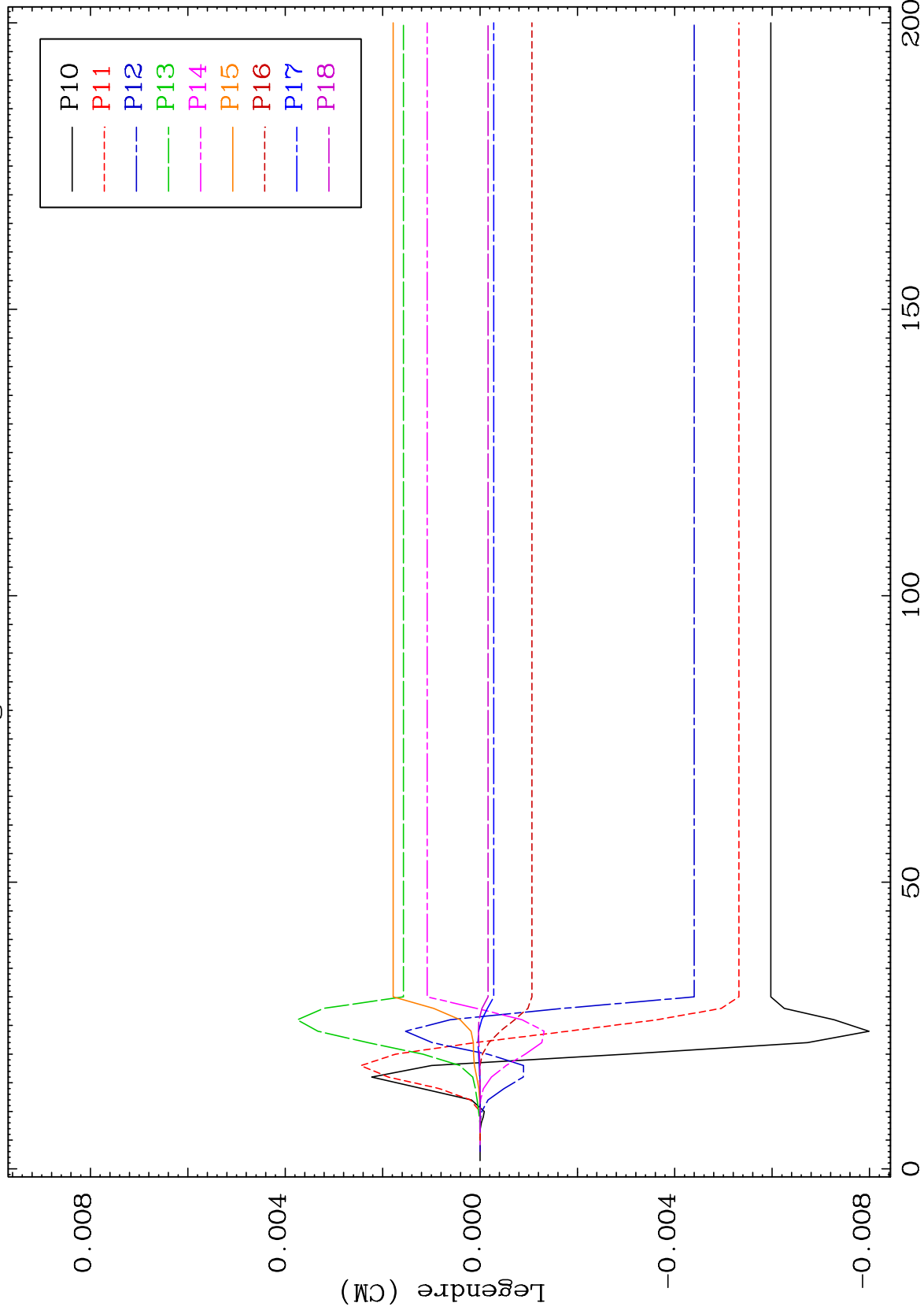
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



53

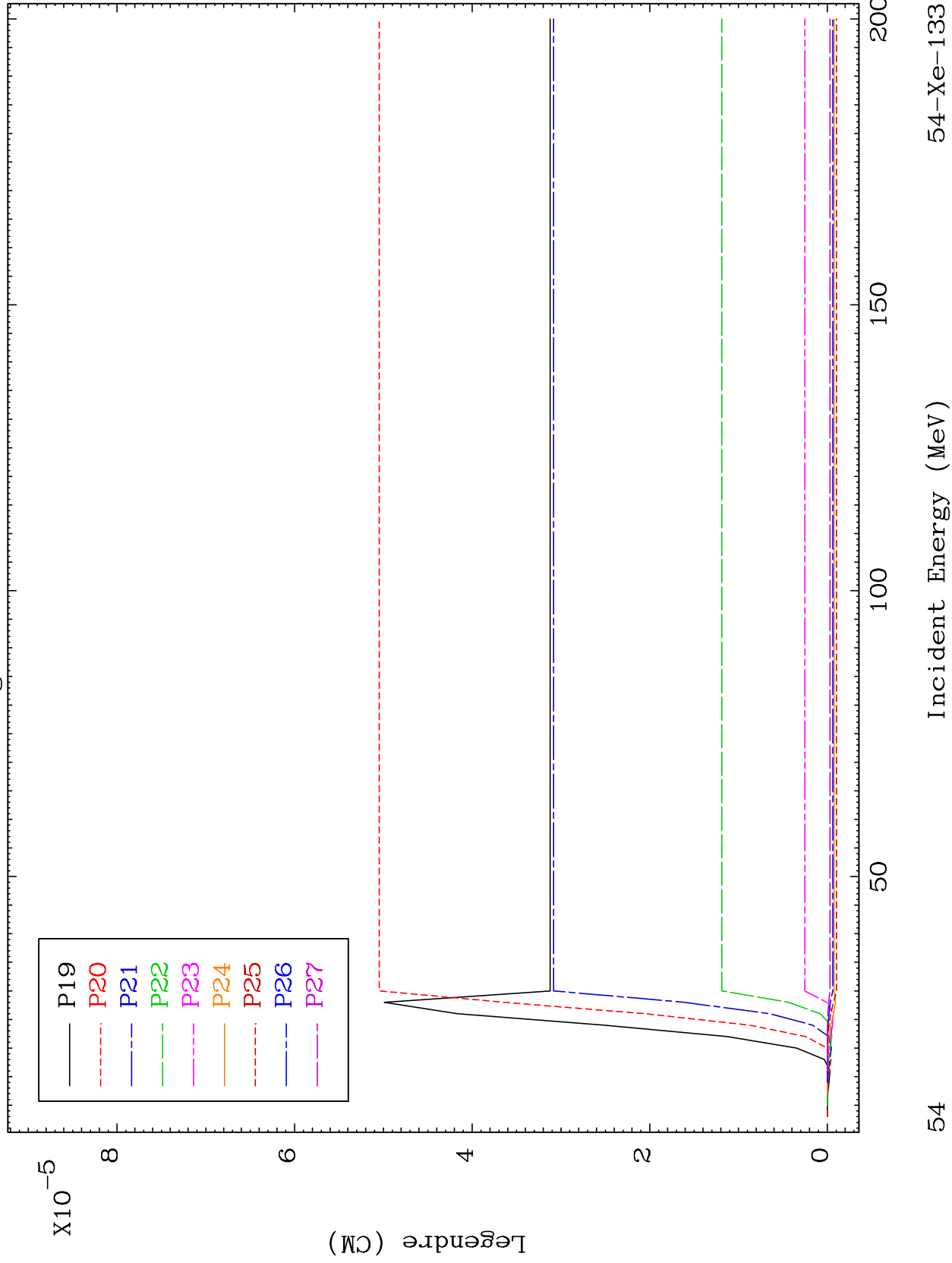
Incident Energy (MeV)

54-Xe-133

MAT 5452

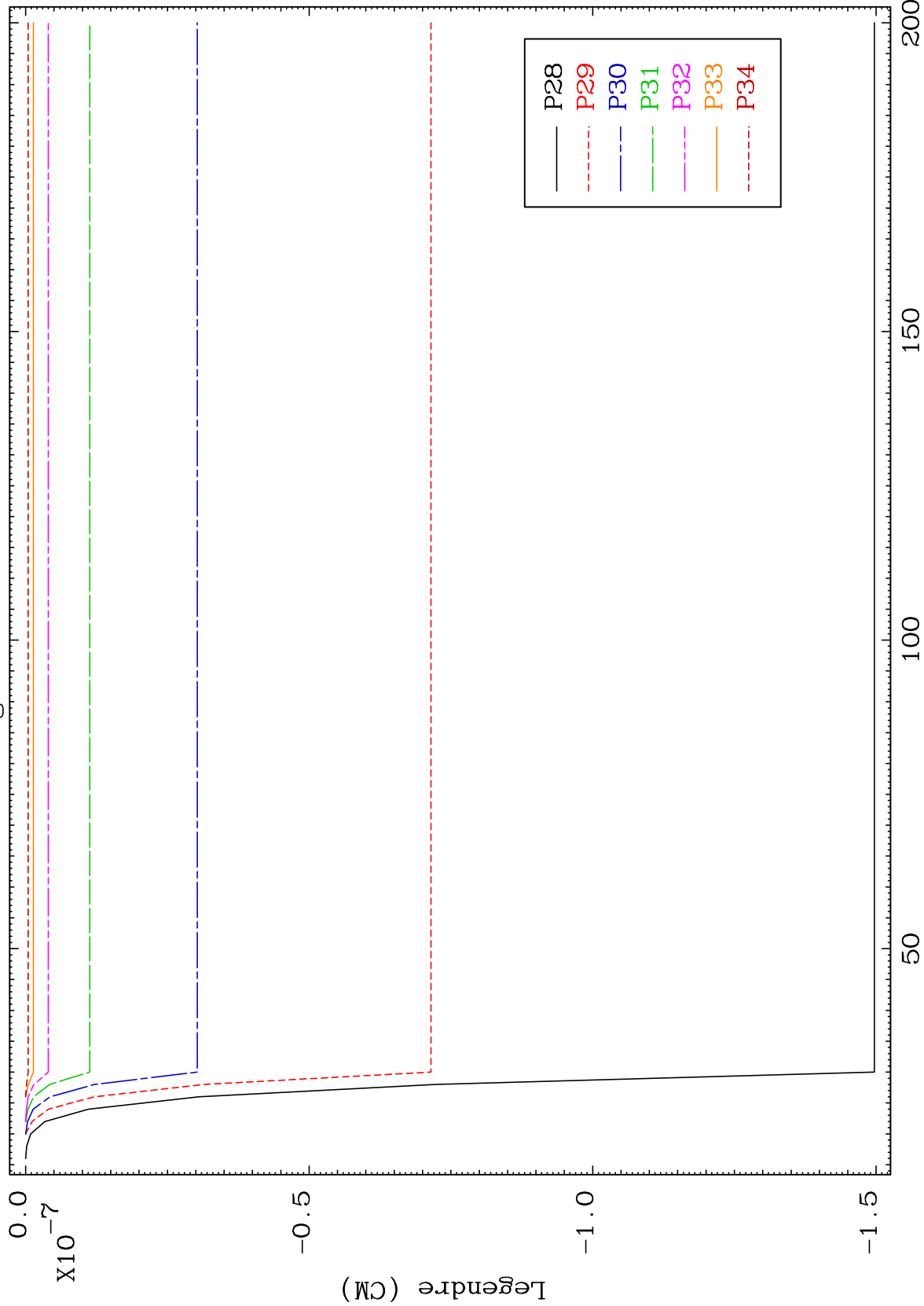
MT= 59 (n,n') Level
Legendre Coefficients

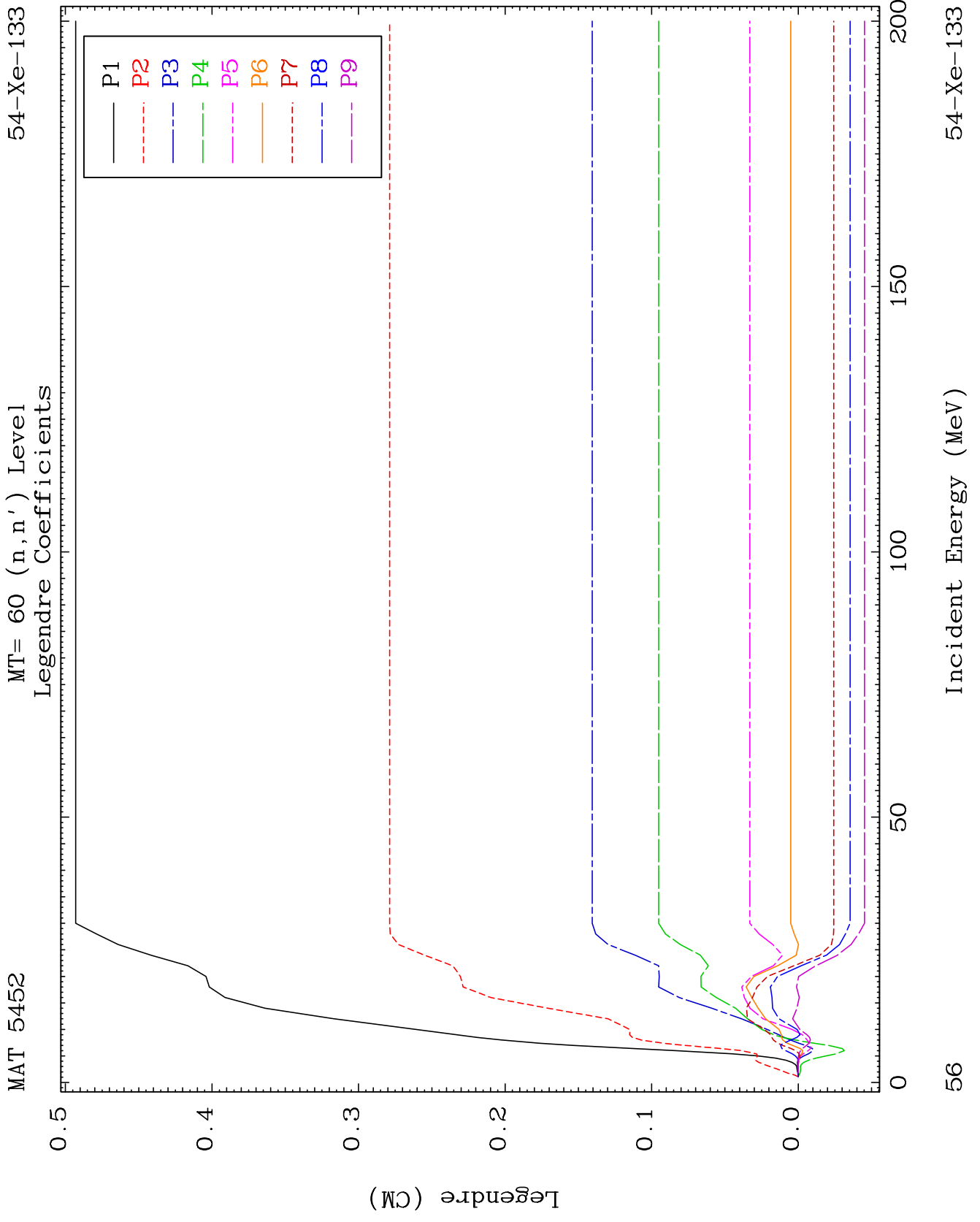
54-Xe-133



54

54-Xe-133

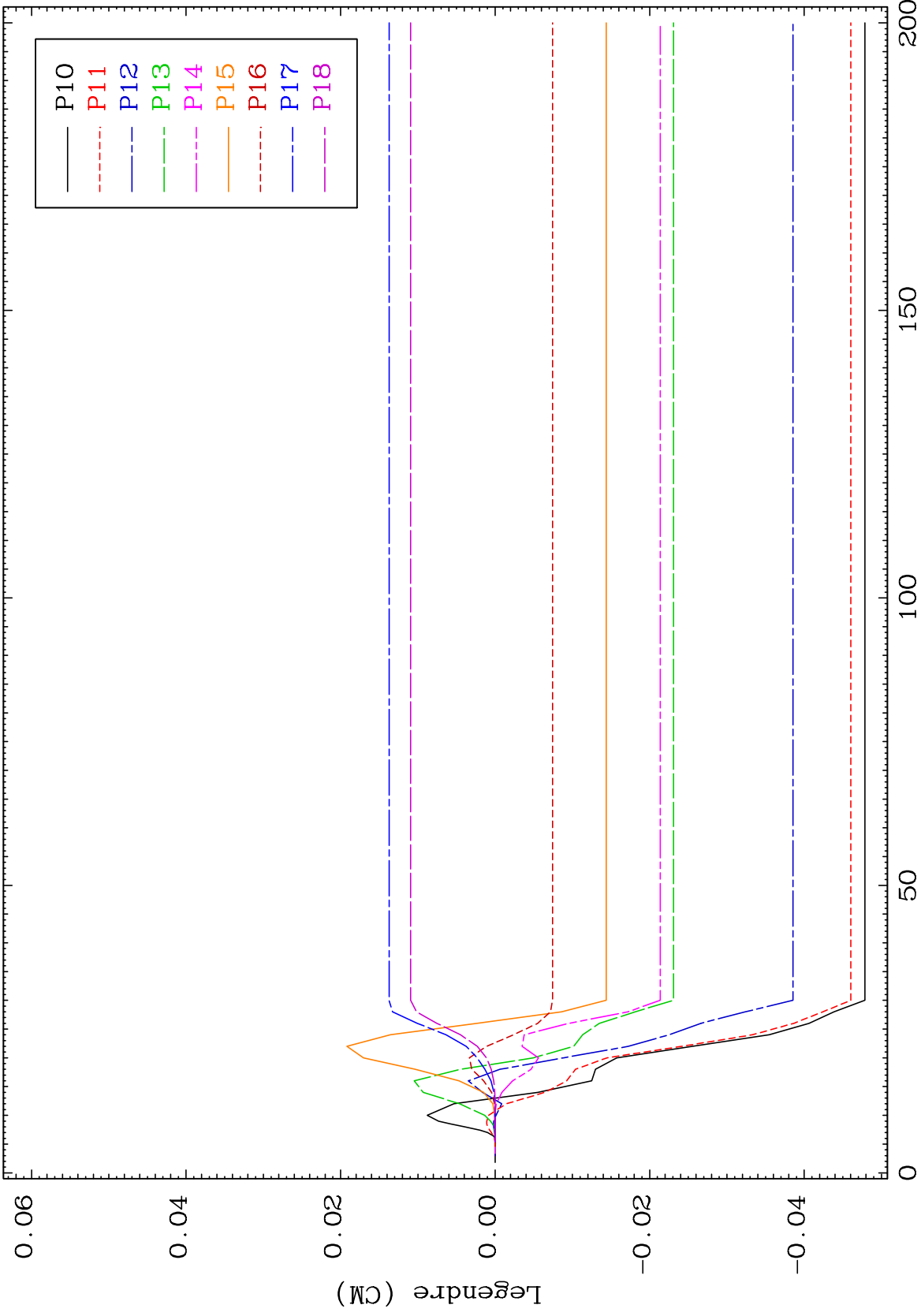




MAT 5452

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

54-Xe-133



57

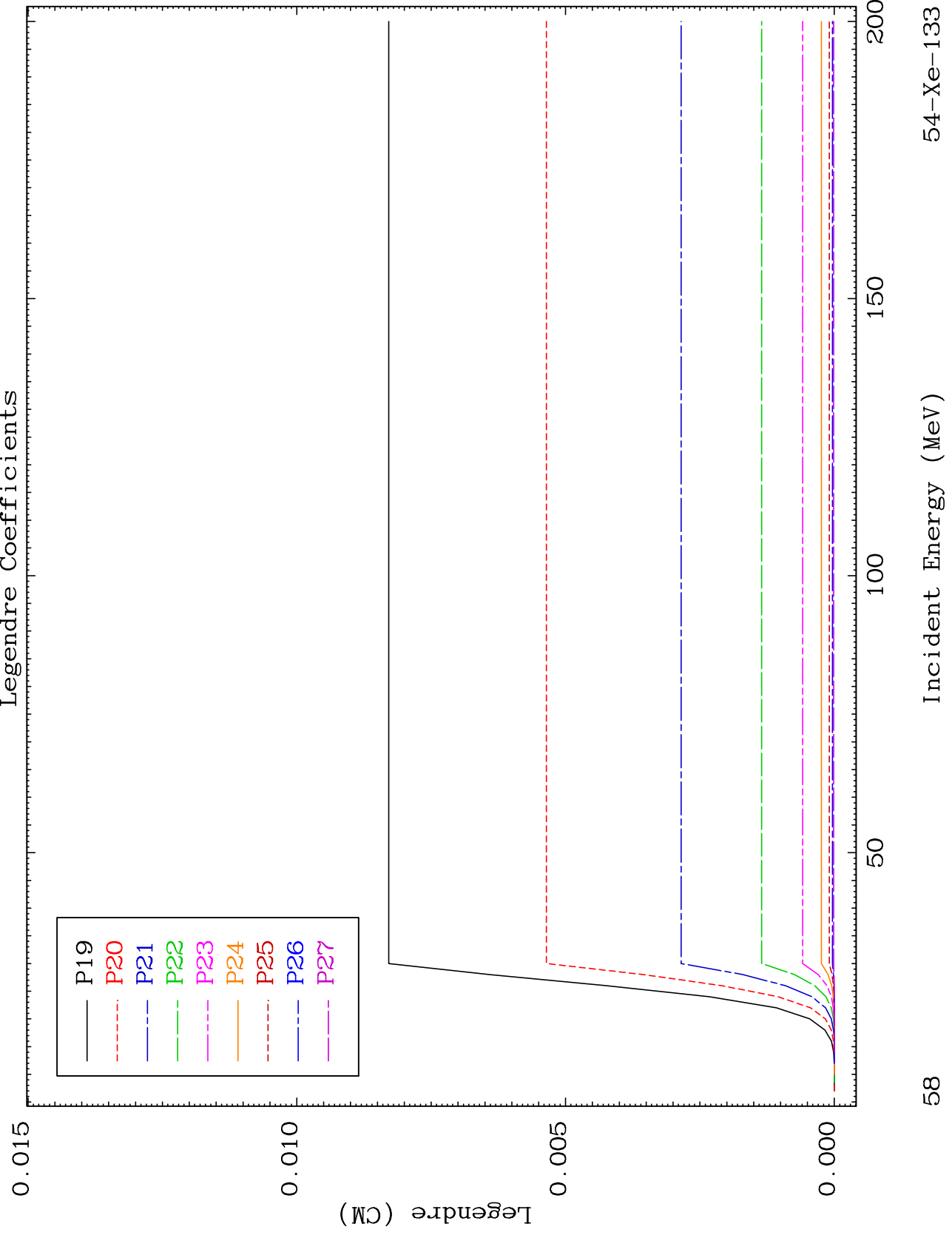
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



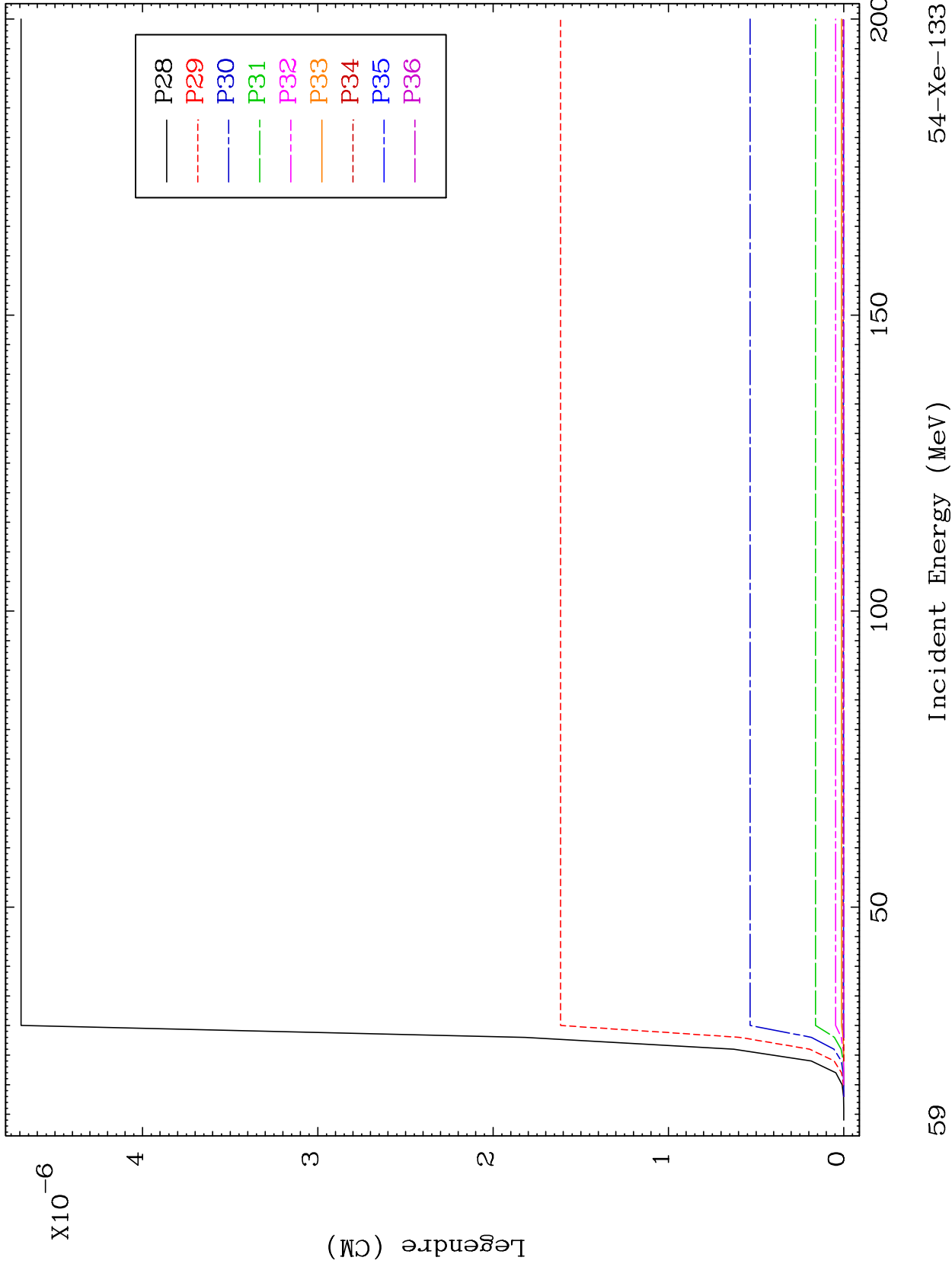
58

54-Xe-133

MAT 5452

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

54-Xe-133



59

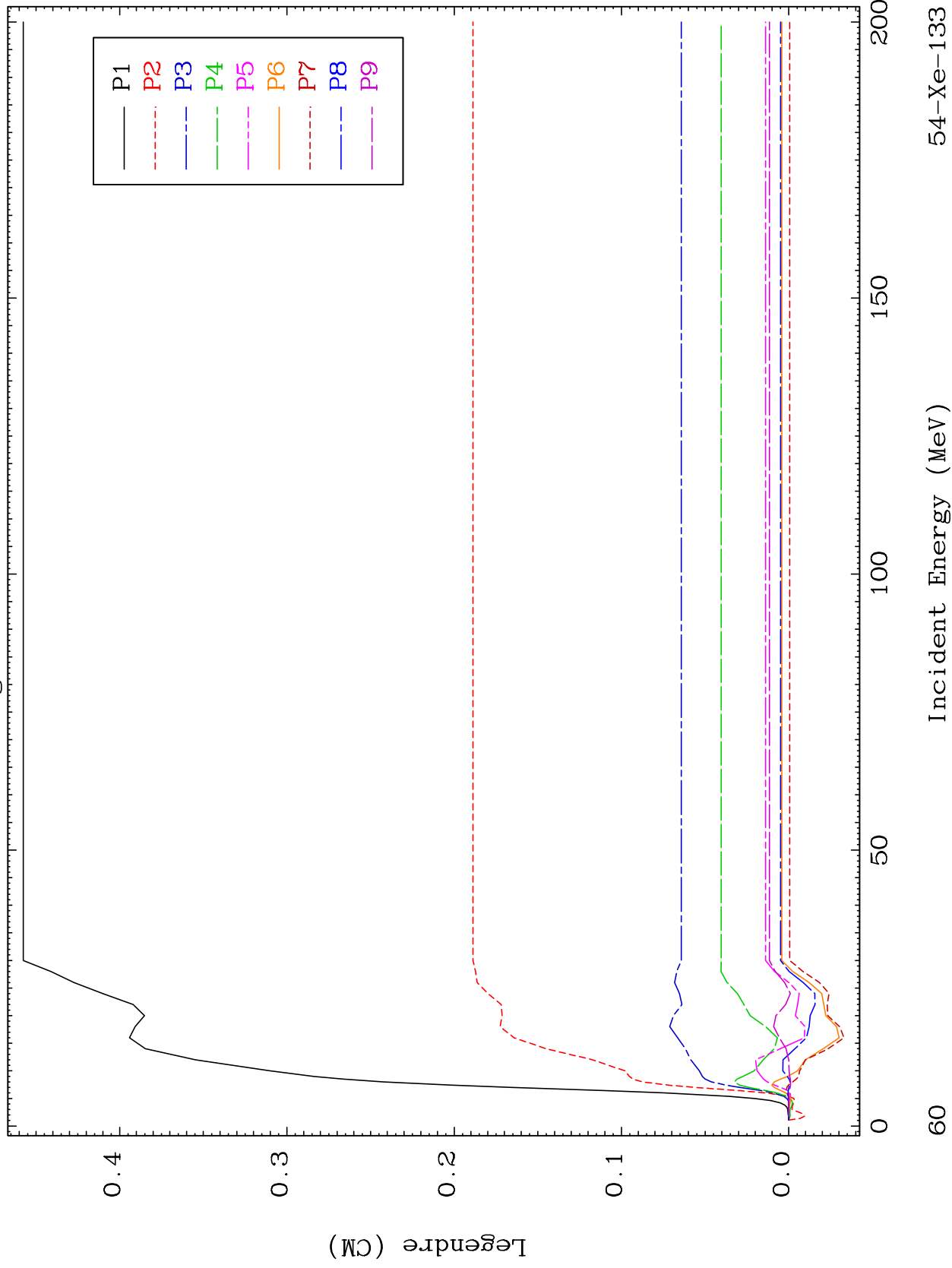
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

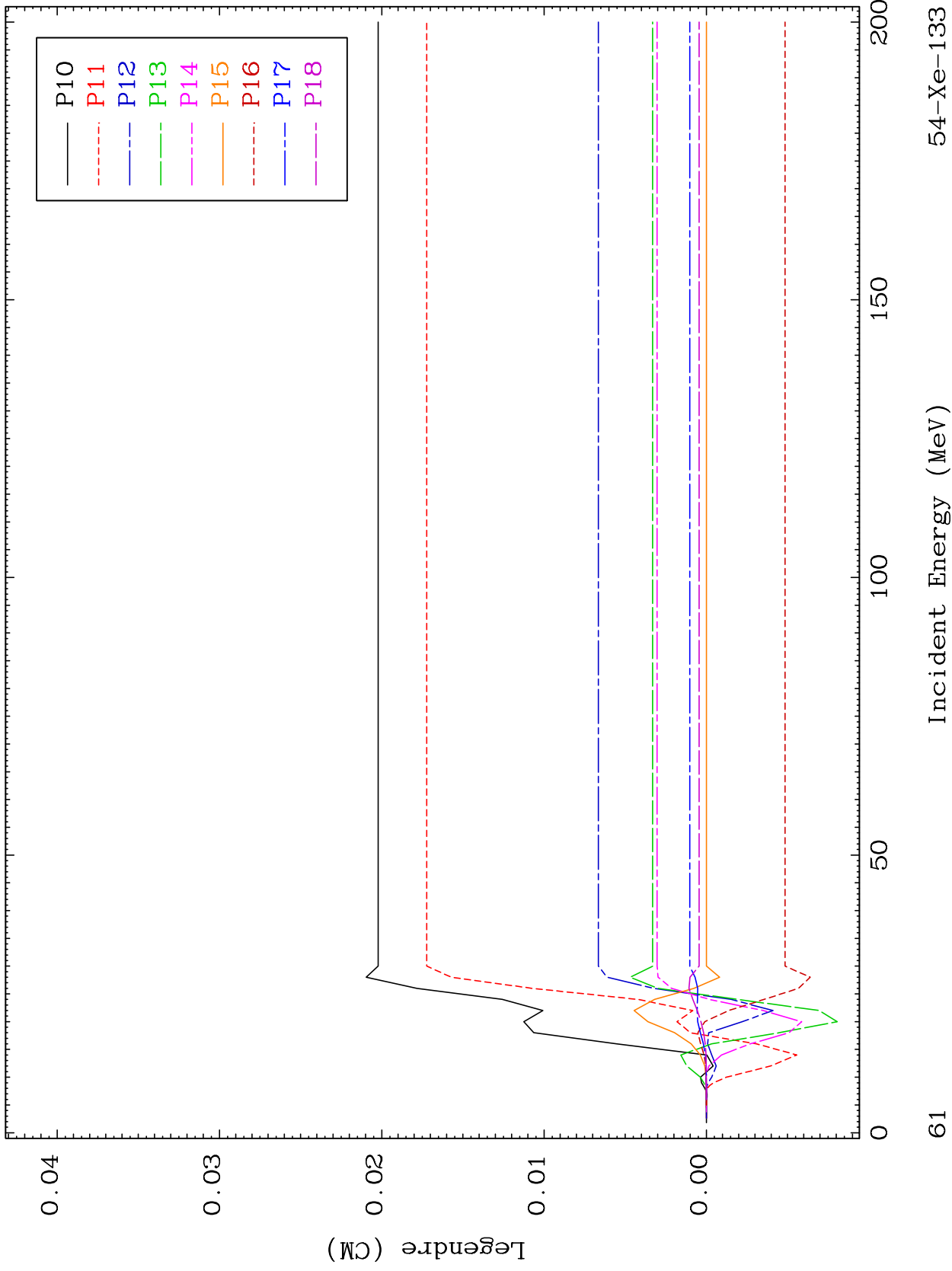
Incident Energy (MeV)

60

MAT 5452

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

54-Xe-133



61

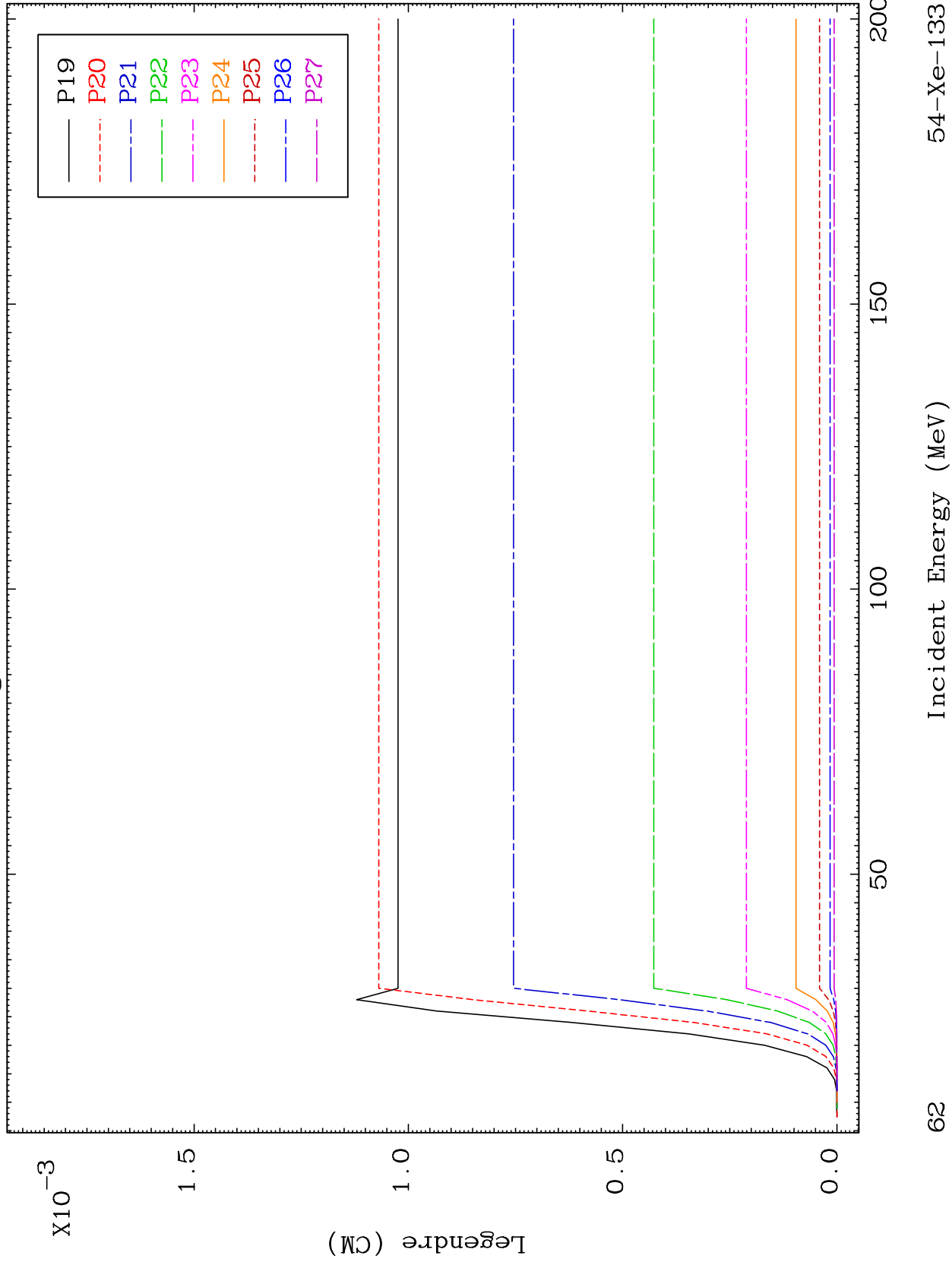
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

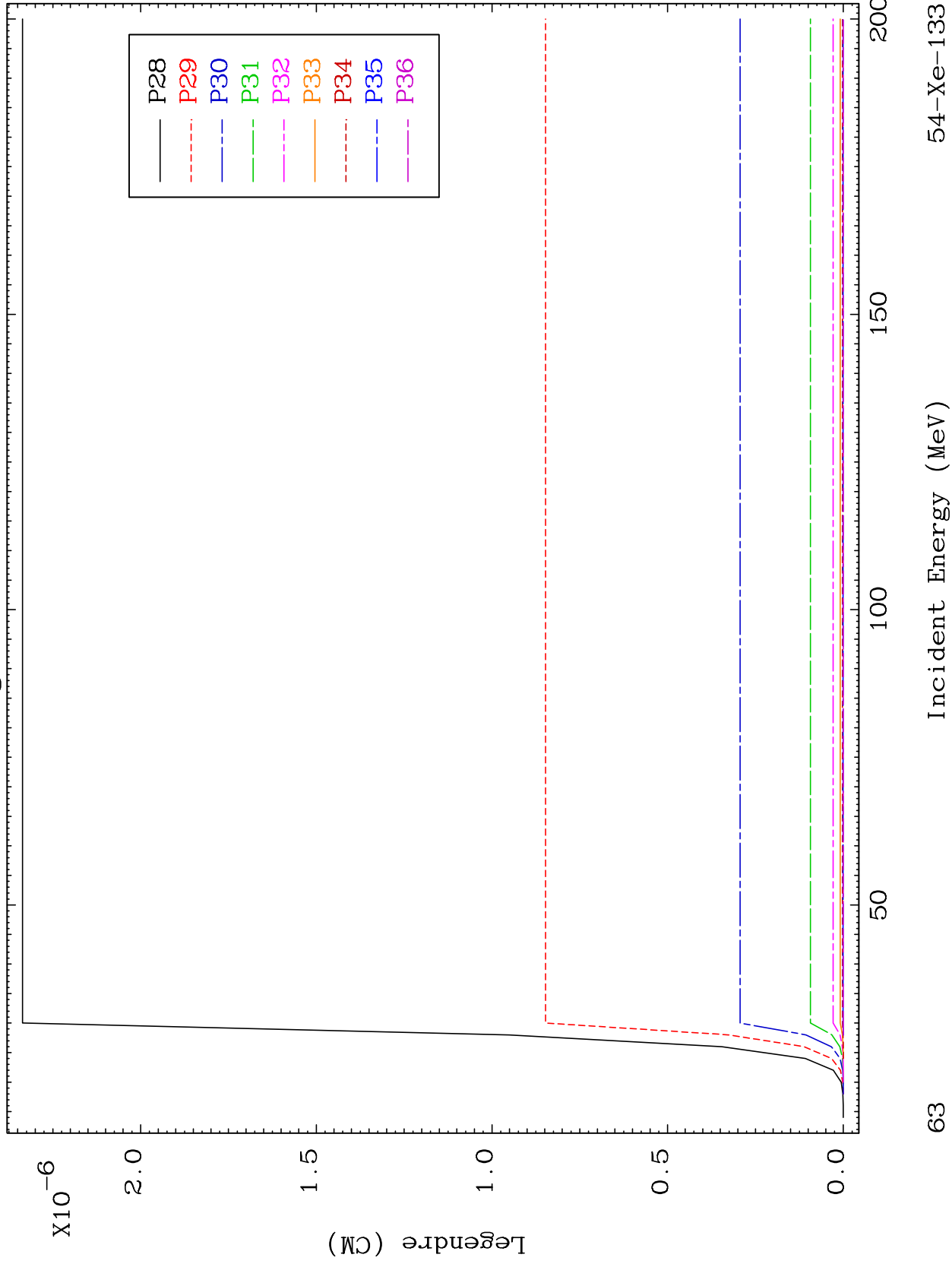
54-Xe-133



MAT 5452

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

54-Xe-133



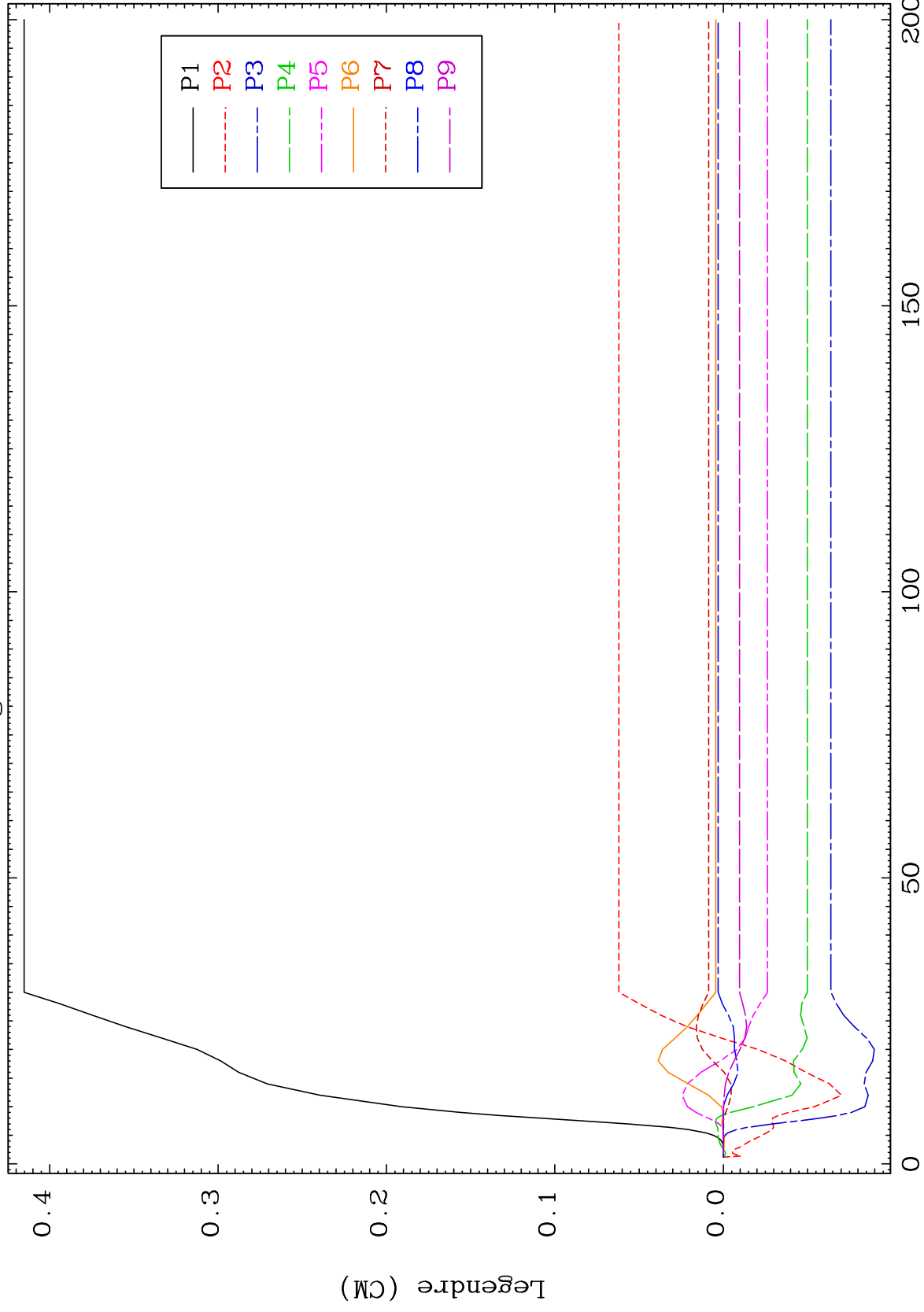
63

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

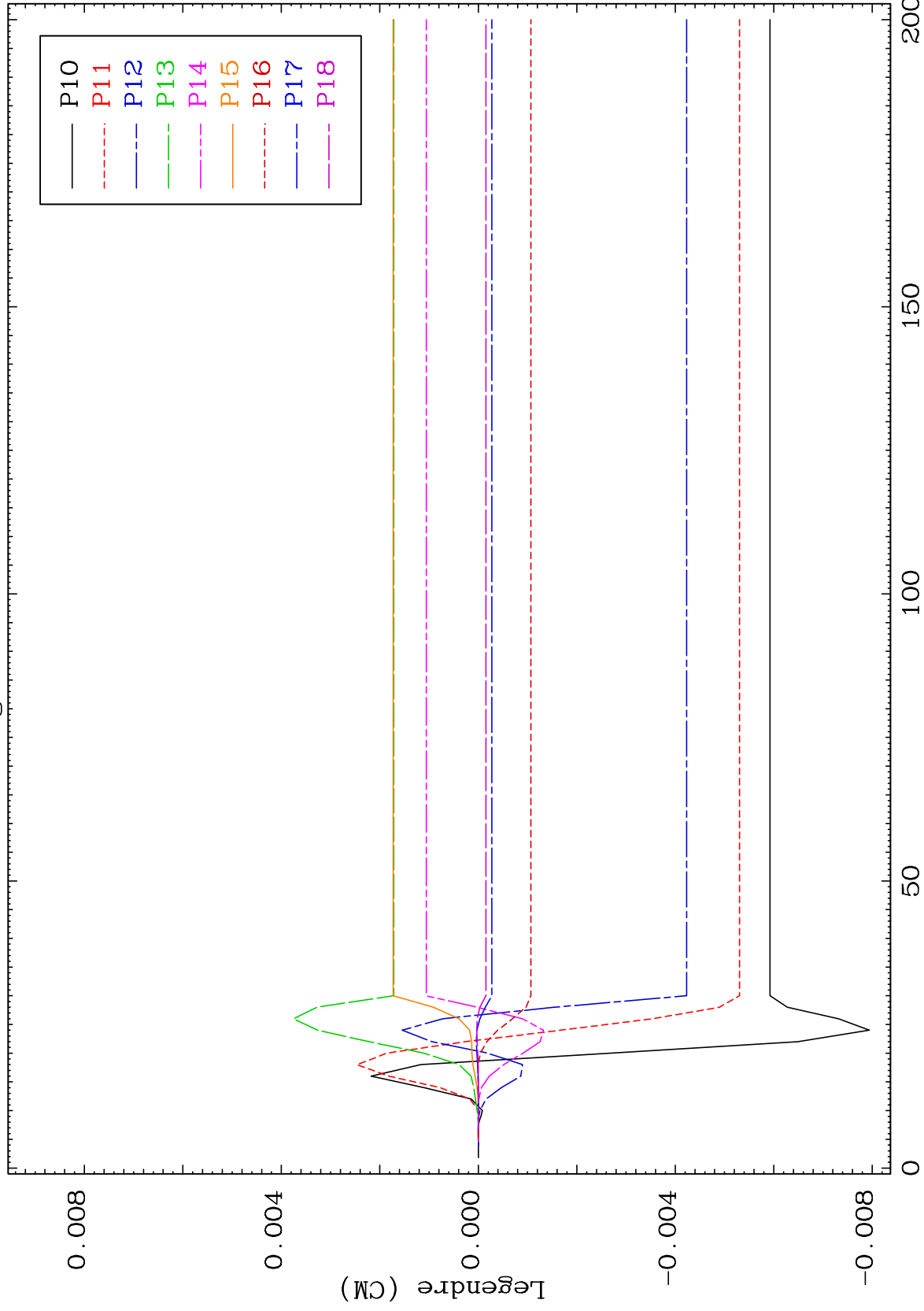
Incident Energy (MeV)

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MAT 5452

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

54-Xe-133



65

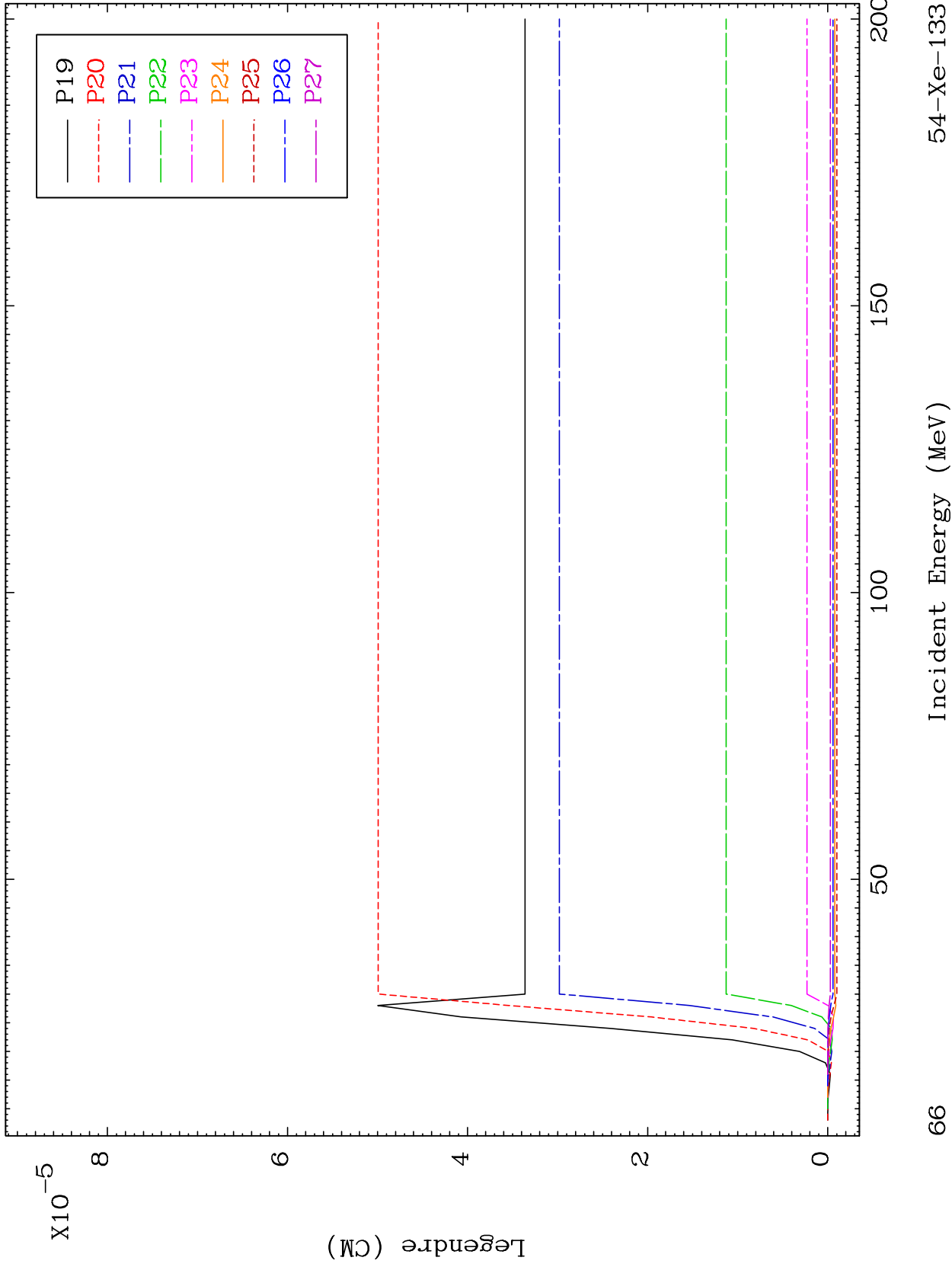
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133

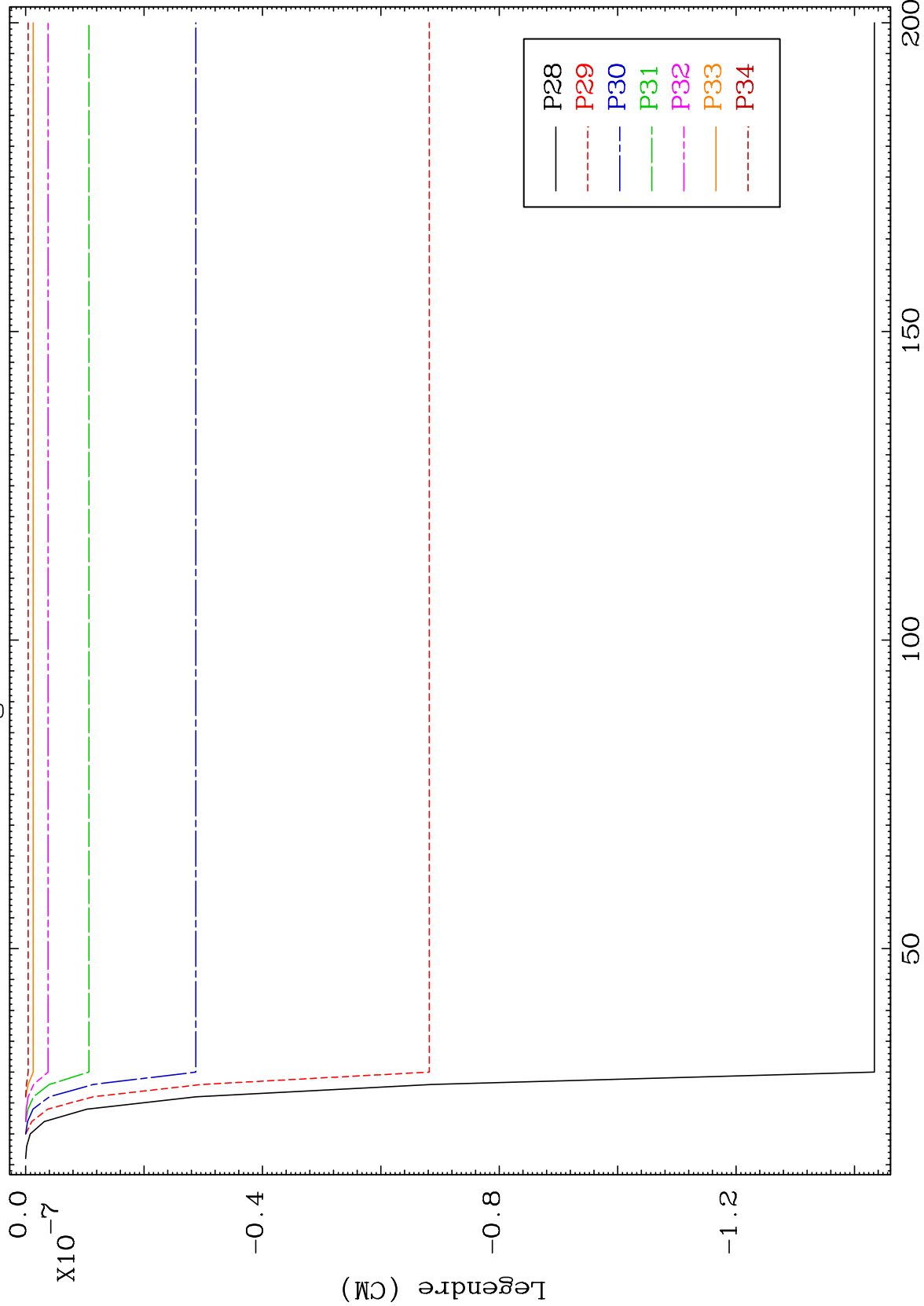


MAT 5452

MT= 62 (n,n') Level

54-Xe-133

Legendre Coefficients



54-Xe-133

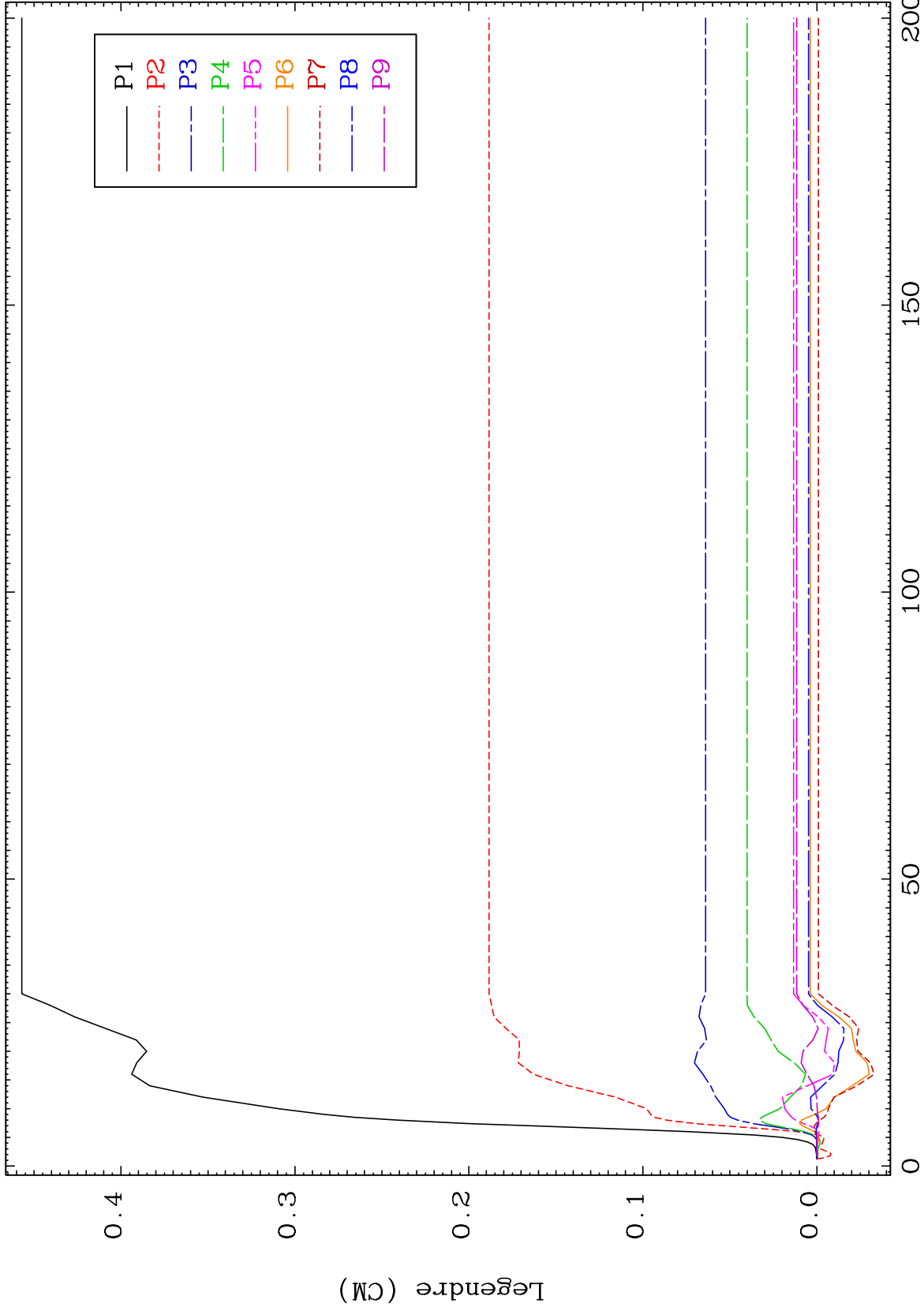
Incident Energy (MeV)

67

MAT 5452

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

54-Xe-133



68

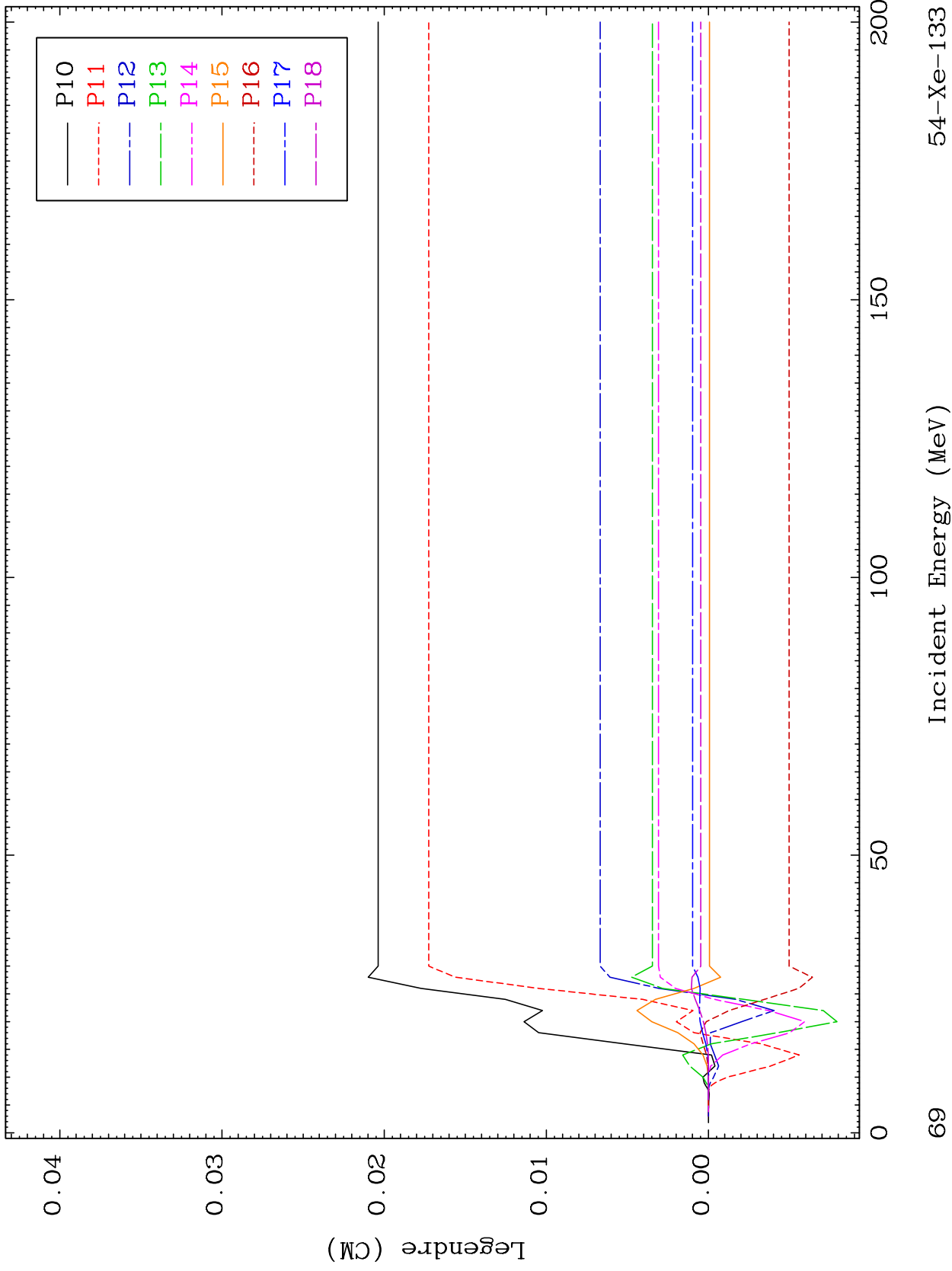
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

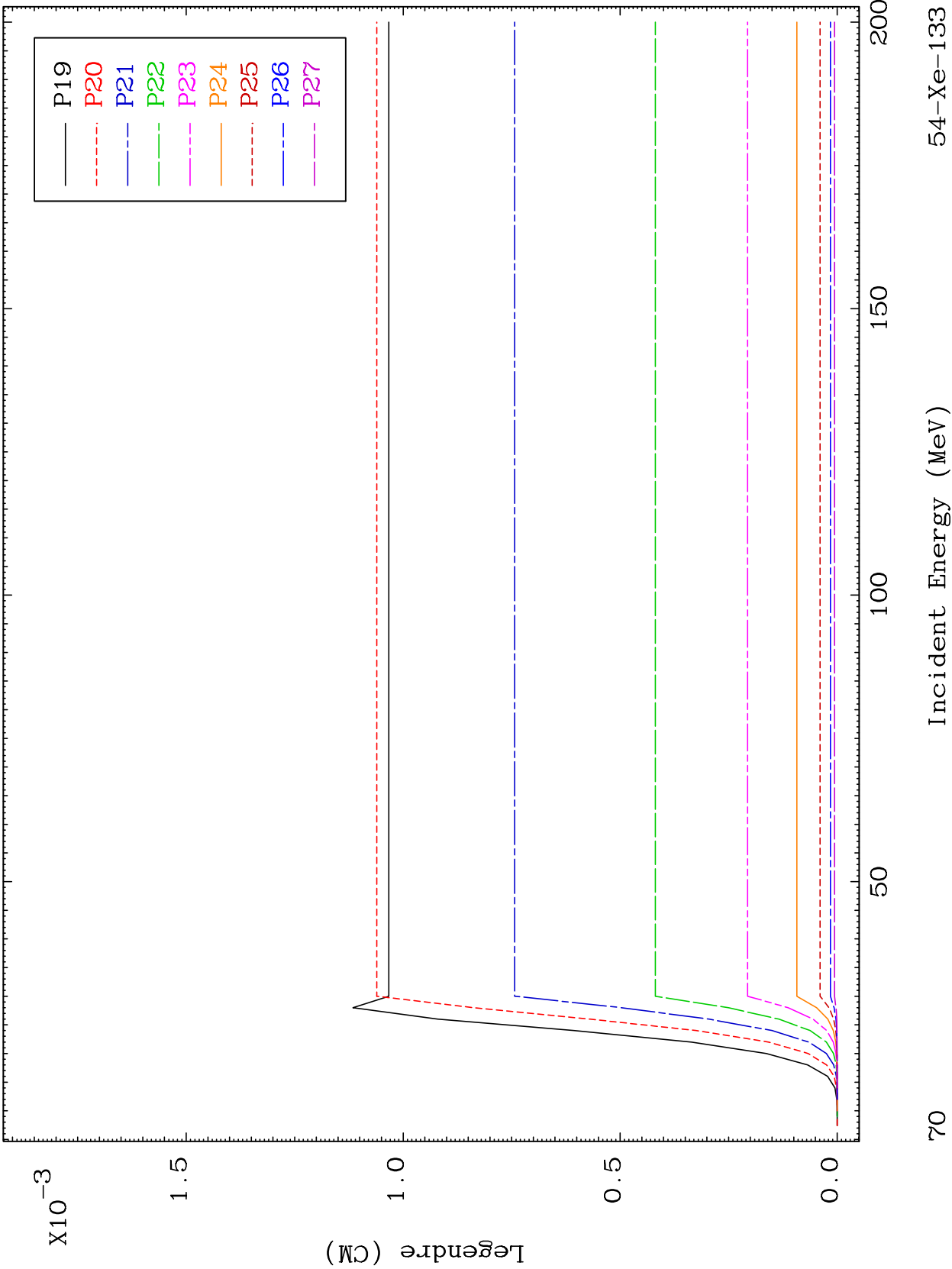
Incident Energy (MeV)

69

MAT 5452

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

54-Xe-133



70

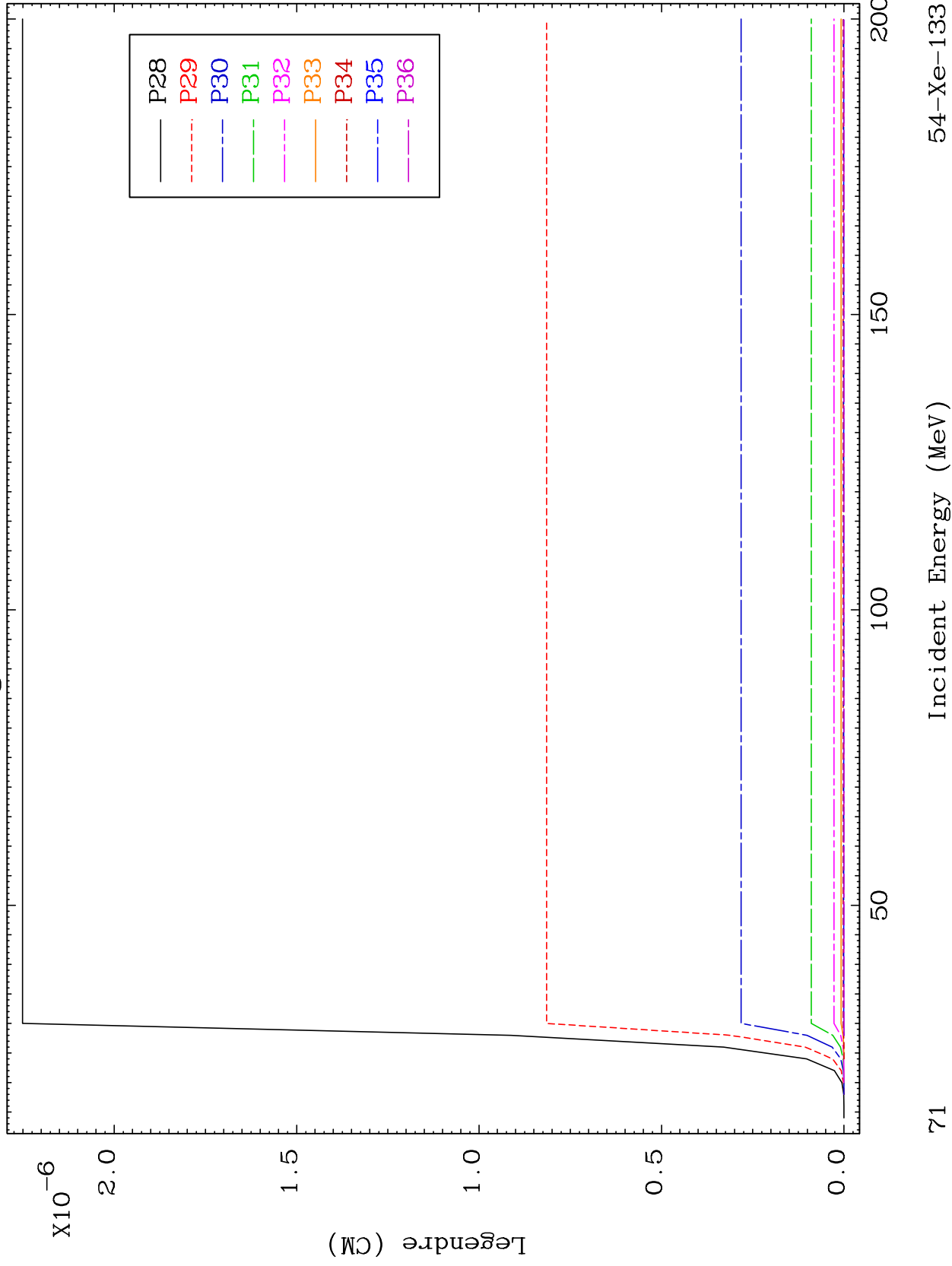
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133

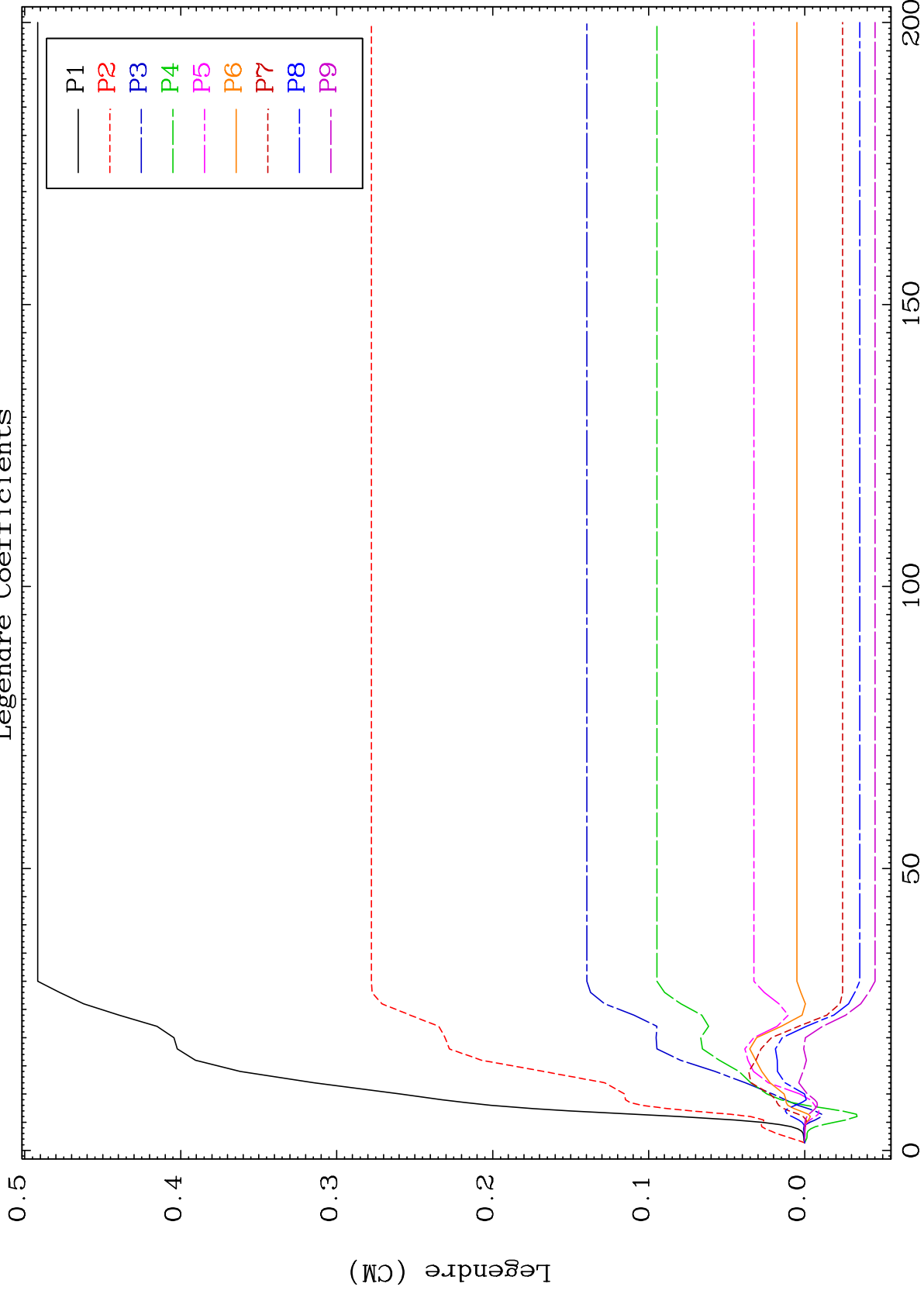


MAT 5452

MT= 64 (n,n') Level

54-Xe-133

Legendre Coefficients



72

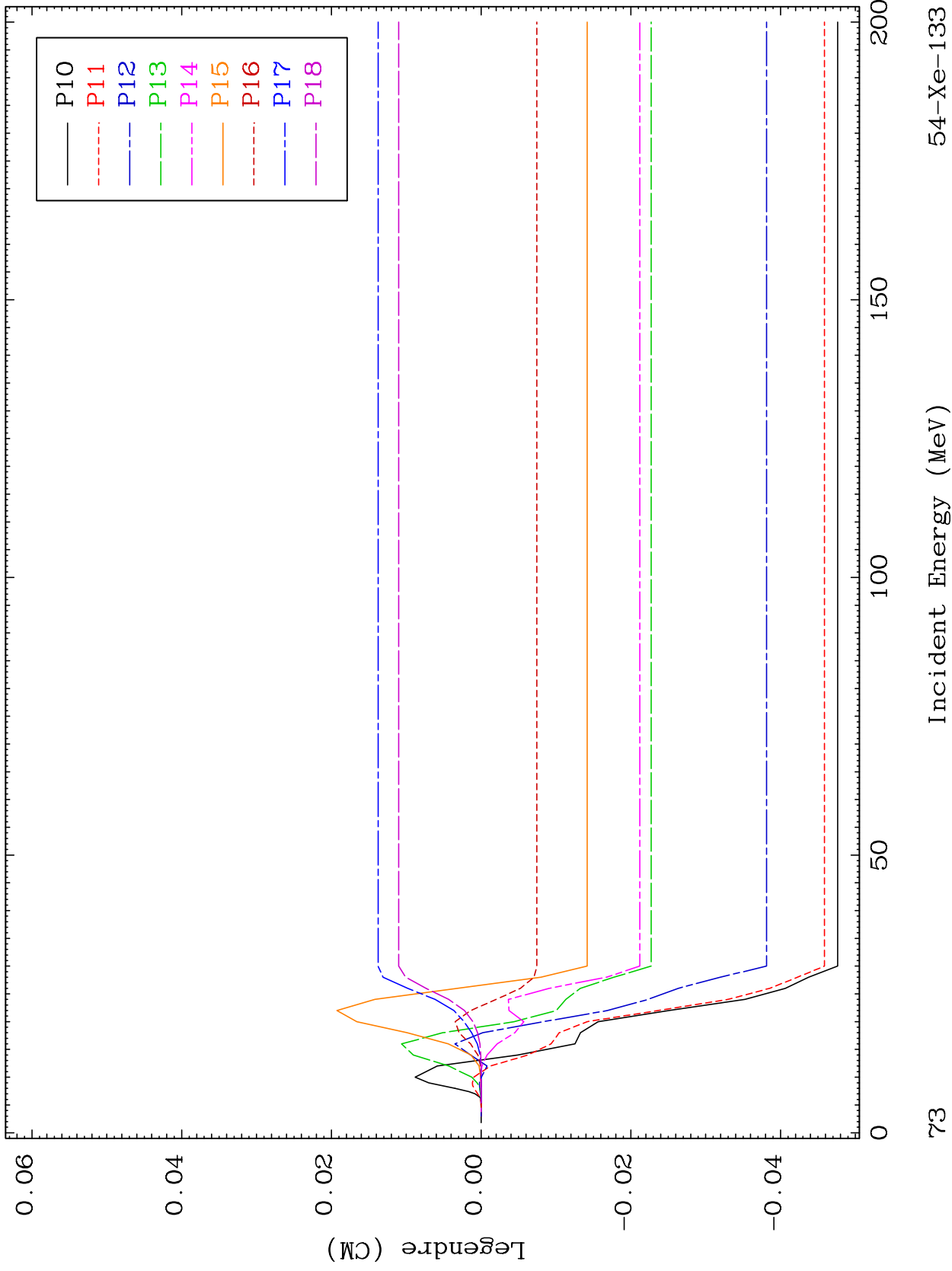
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

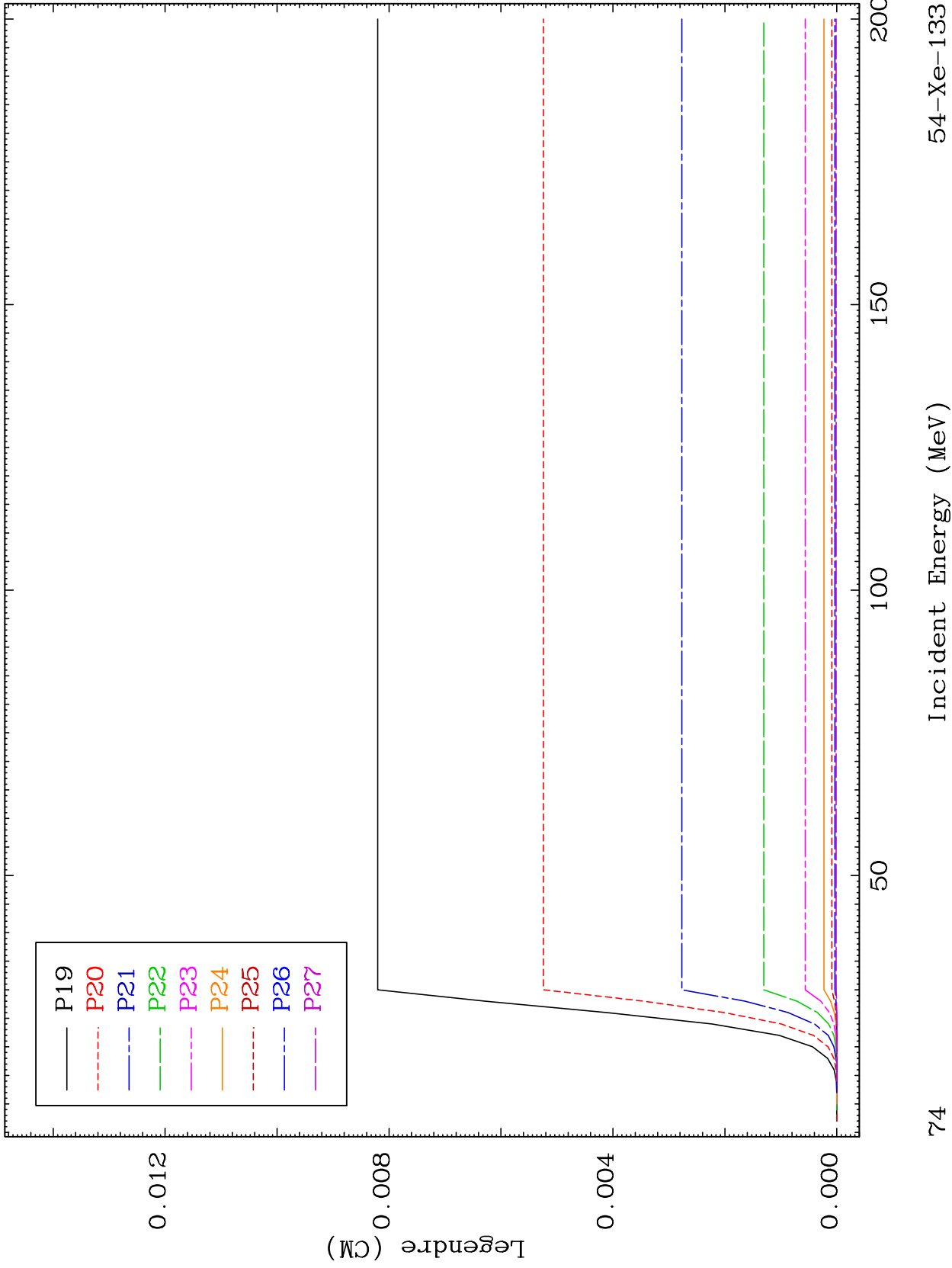
54-Xe-133



MAT 5452

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

54-Xe-133



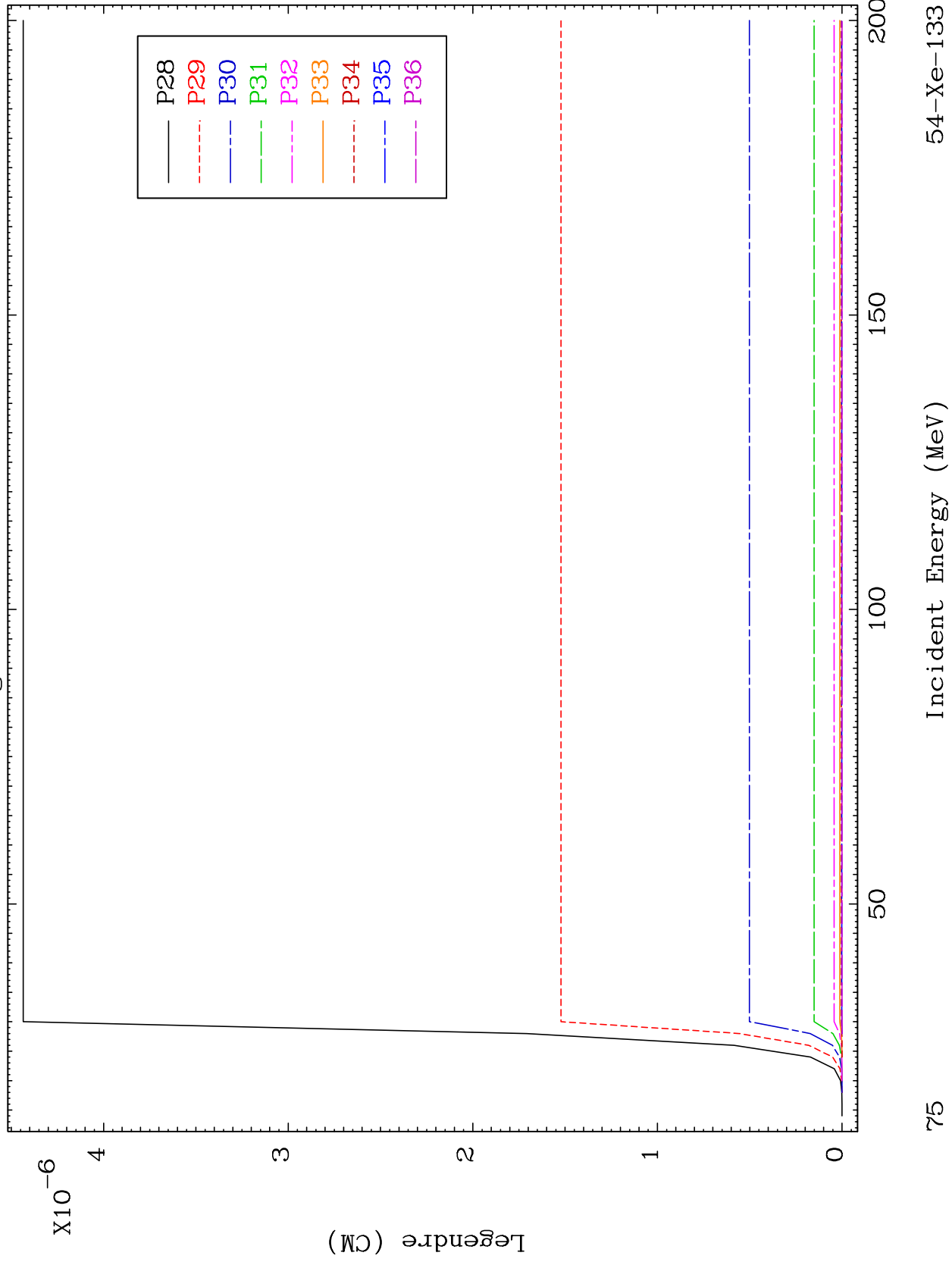
74

54-Xe-133

MAT 5452

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

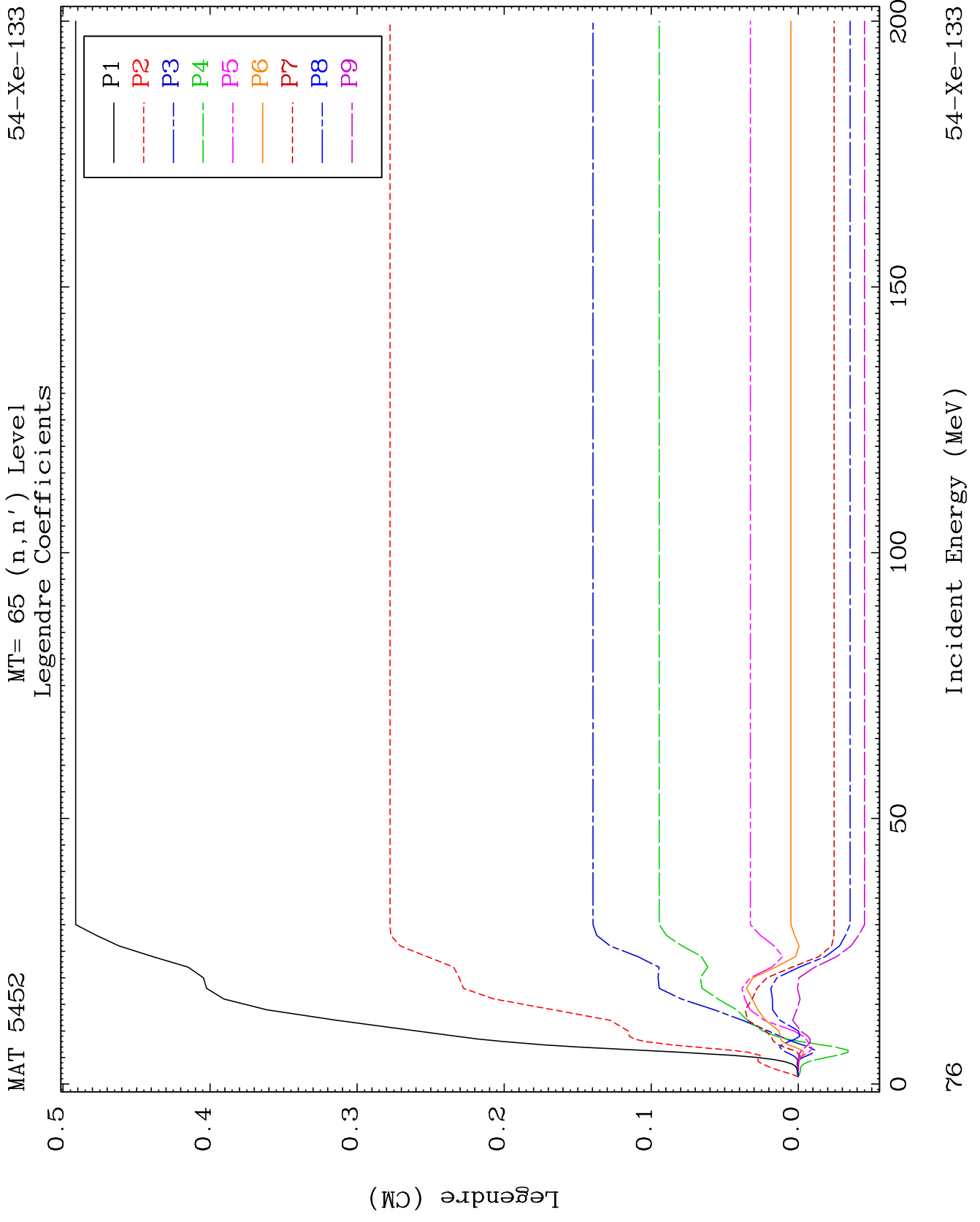
54-Xe-133



75

Incident Energy (MeV)

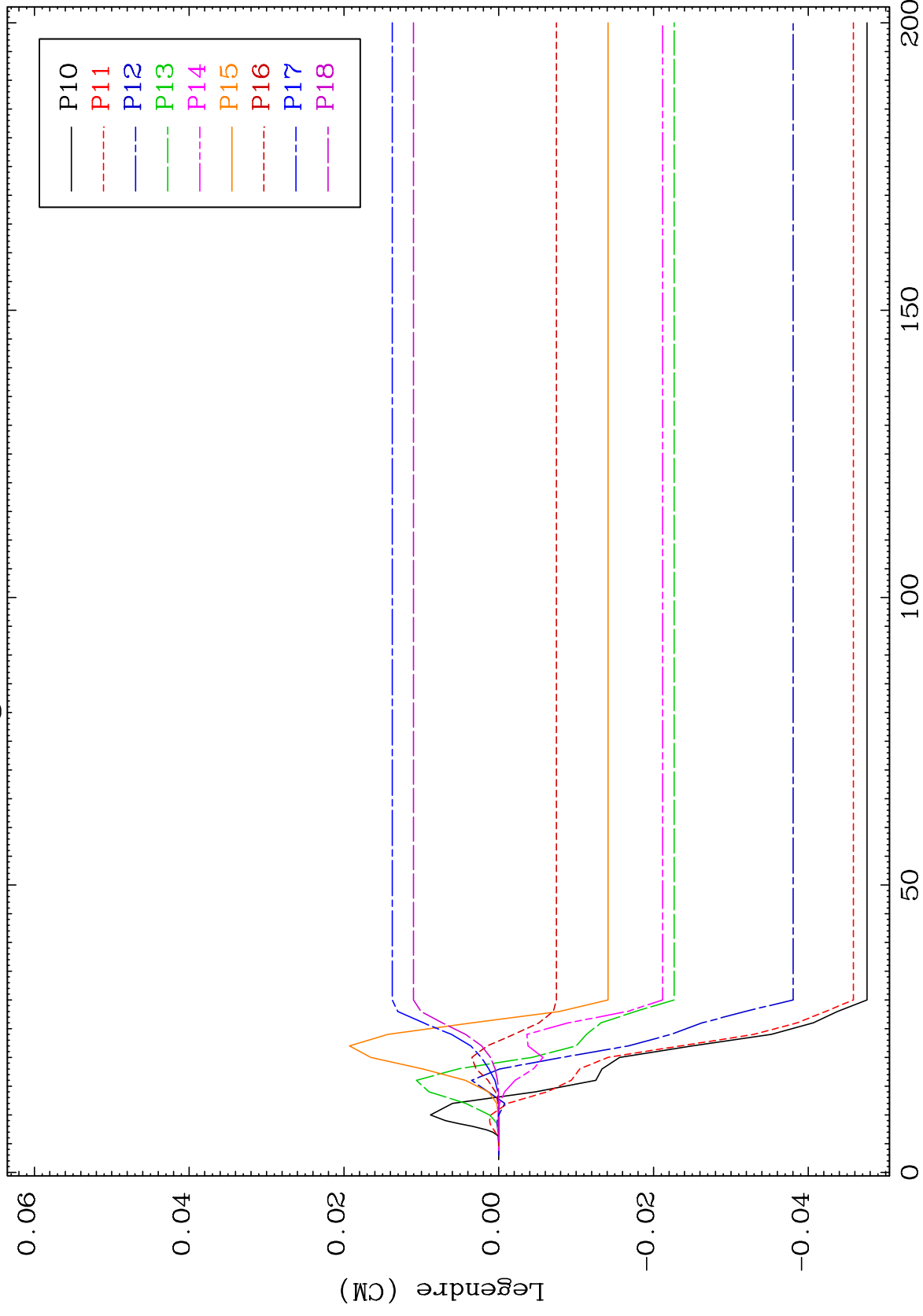
54-Xe-133



MAT 5452

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

54-Xe-133



77

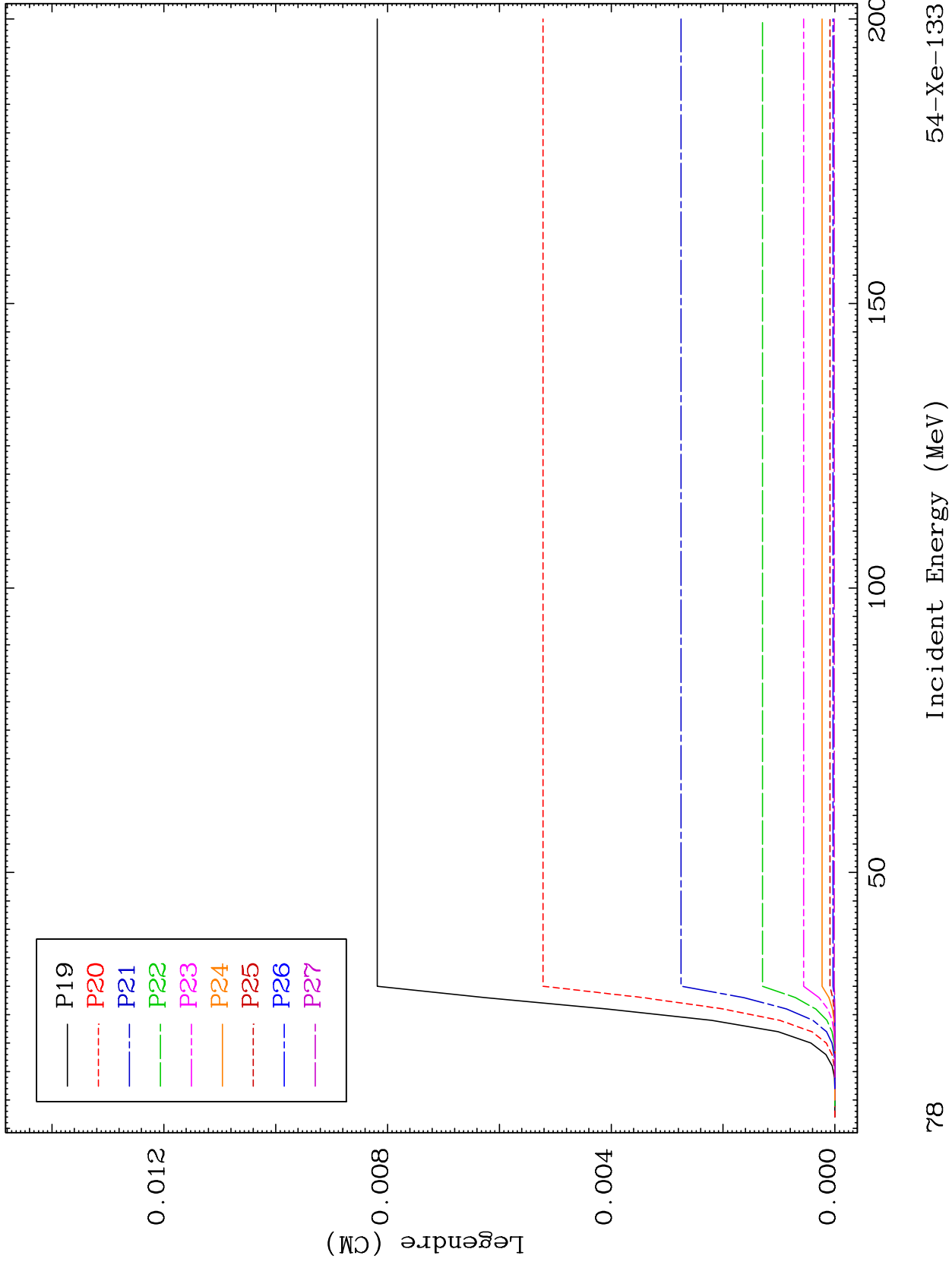
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



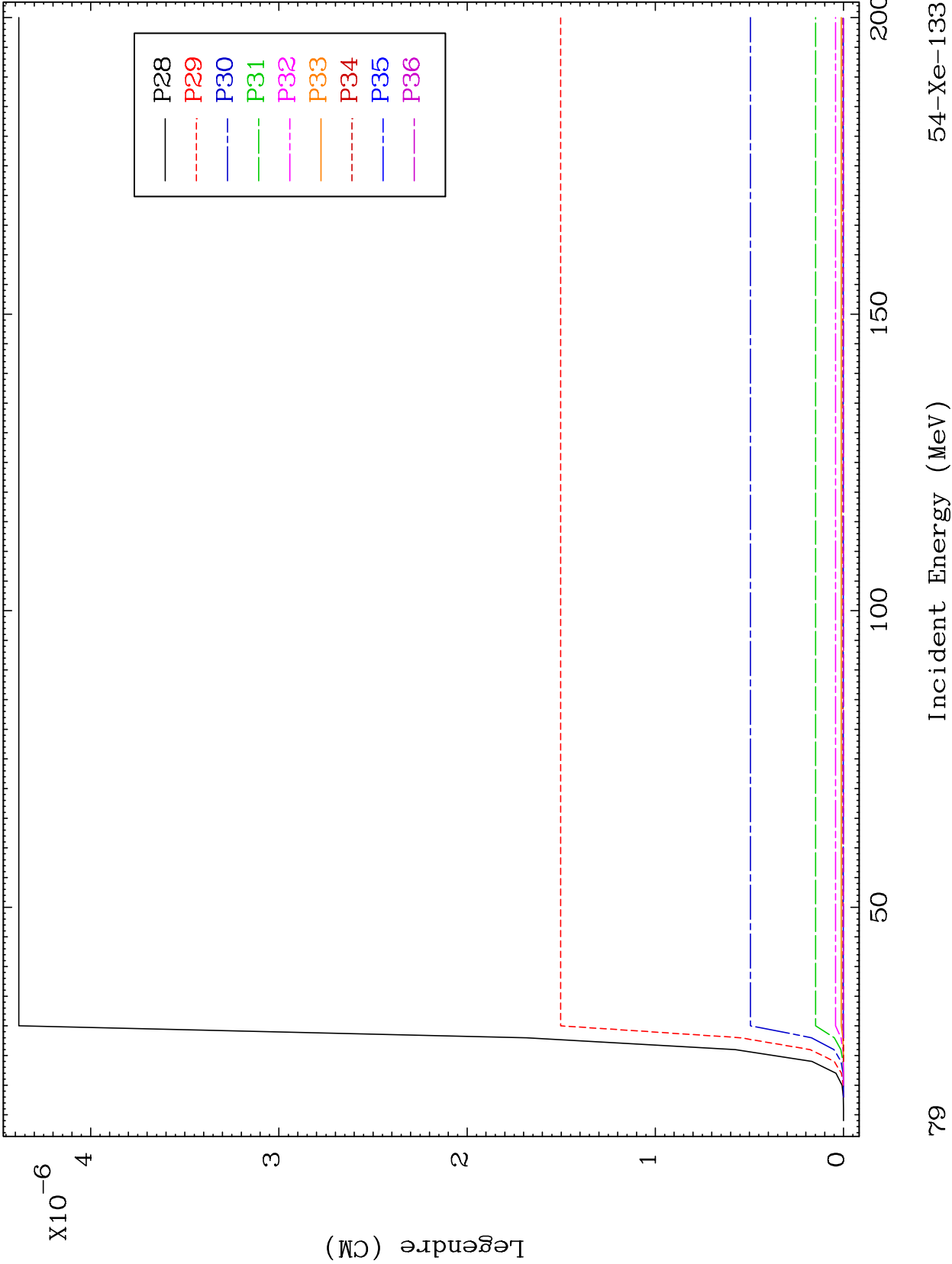
78

54-Xe-133

MAT 5452

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

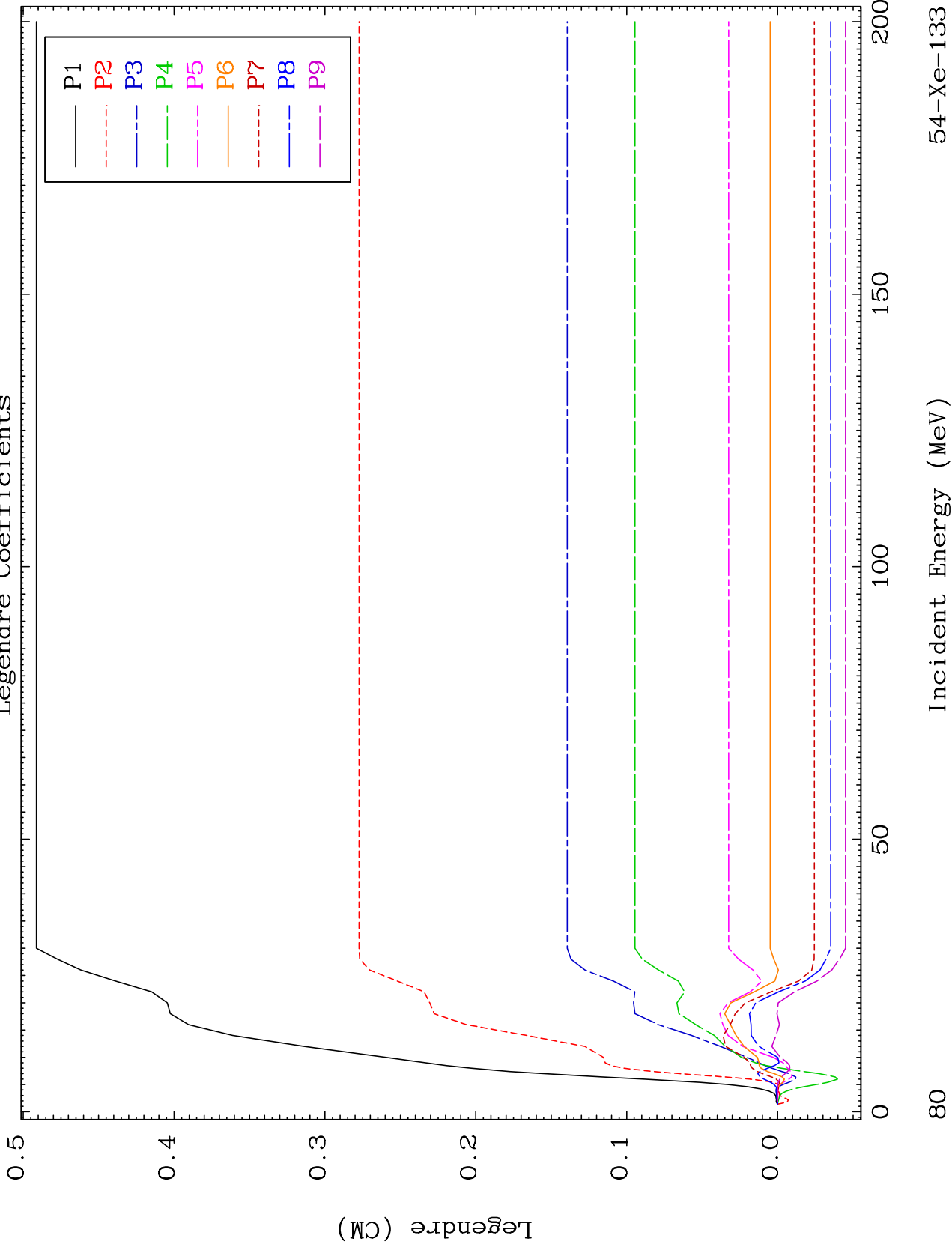
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

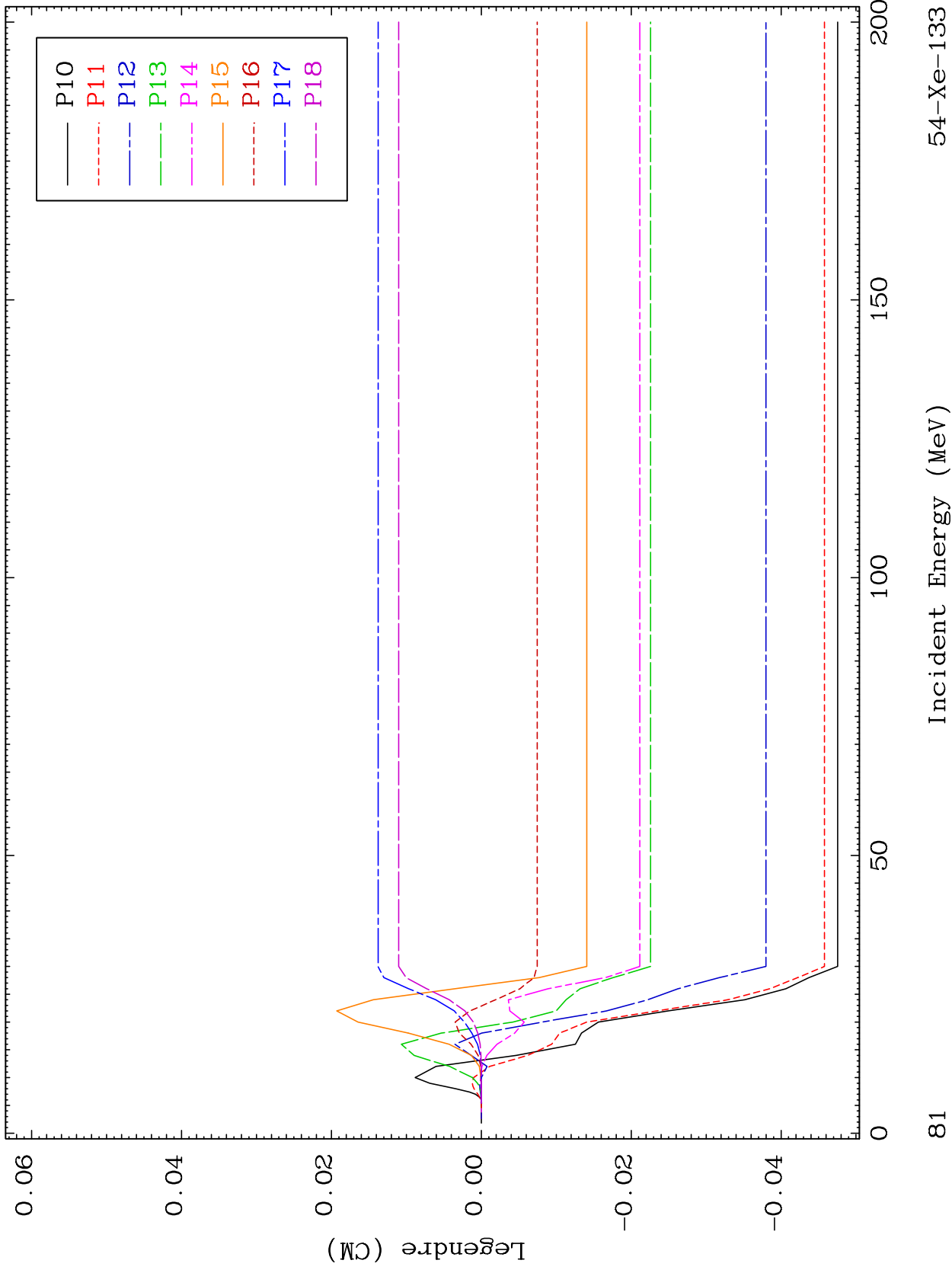
Incident Energy (MeV)

80

MAT 5452

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

54-Xe-133



81

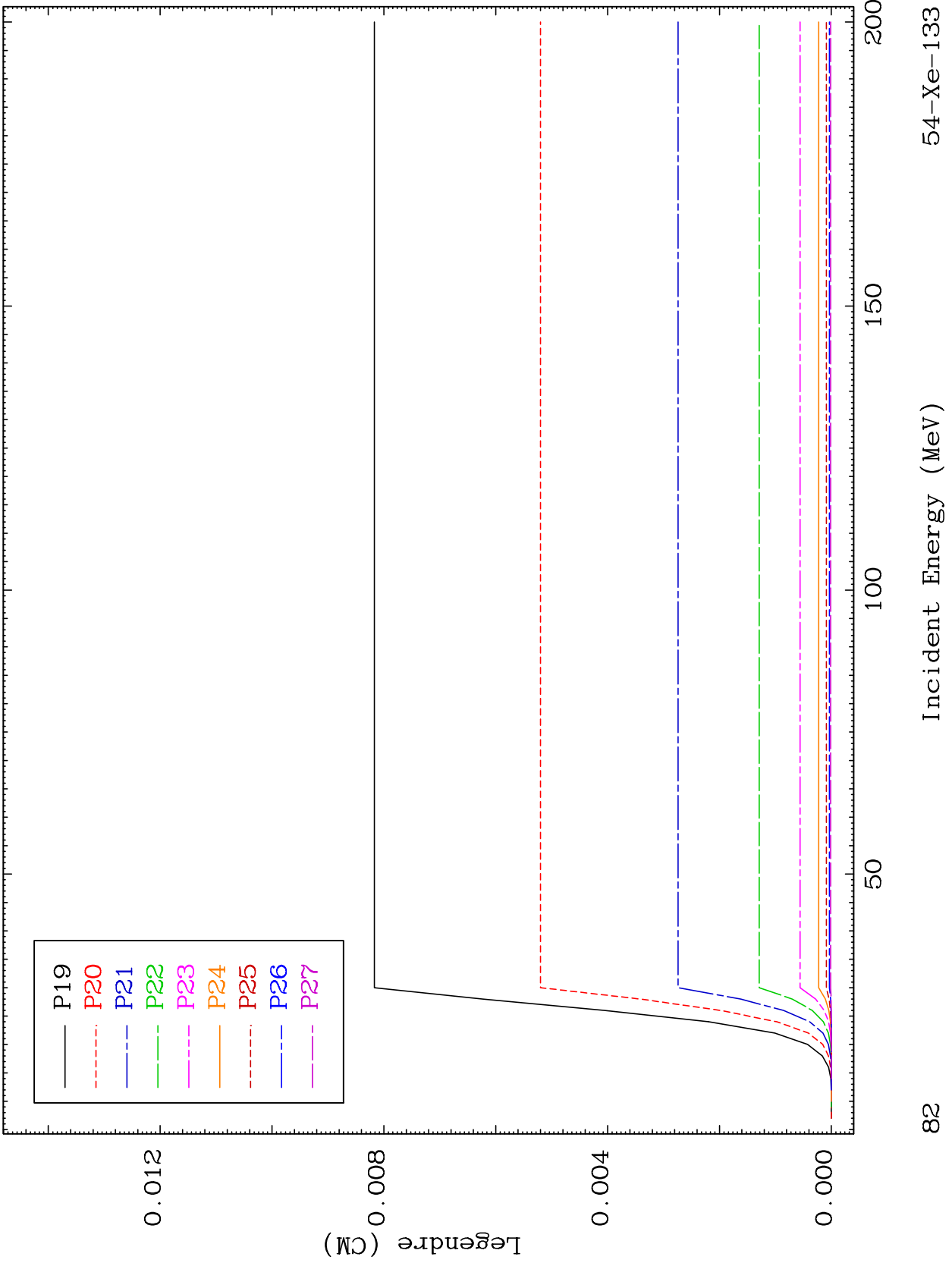
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



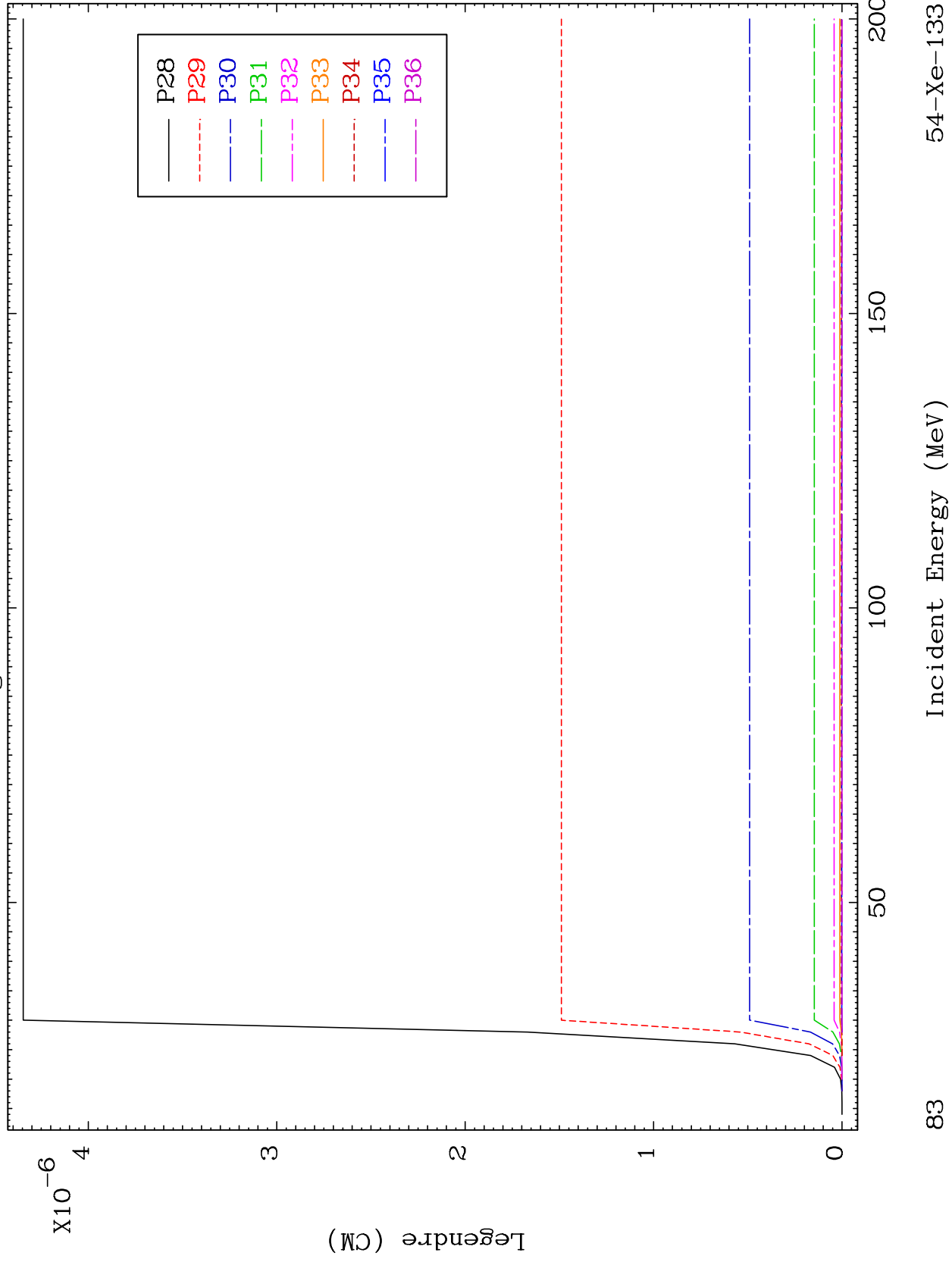
82

54-Xe-133

MAT 5452

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

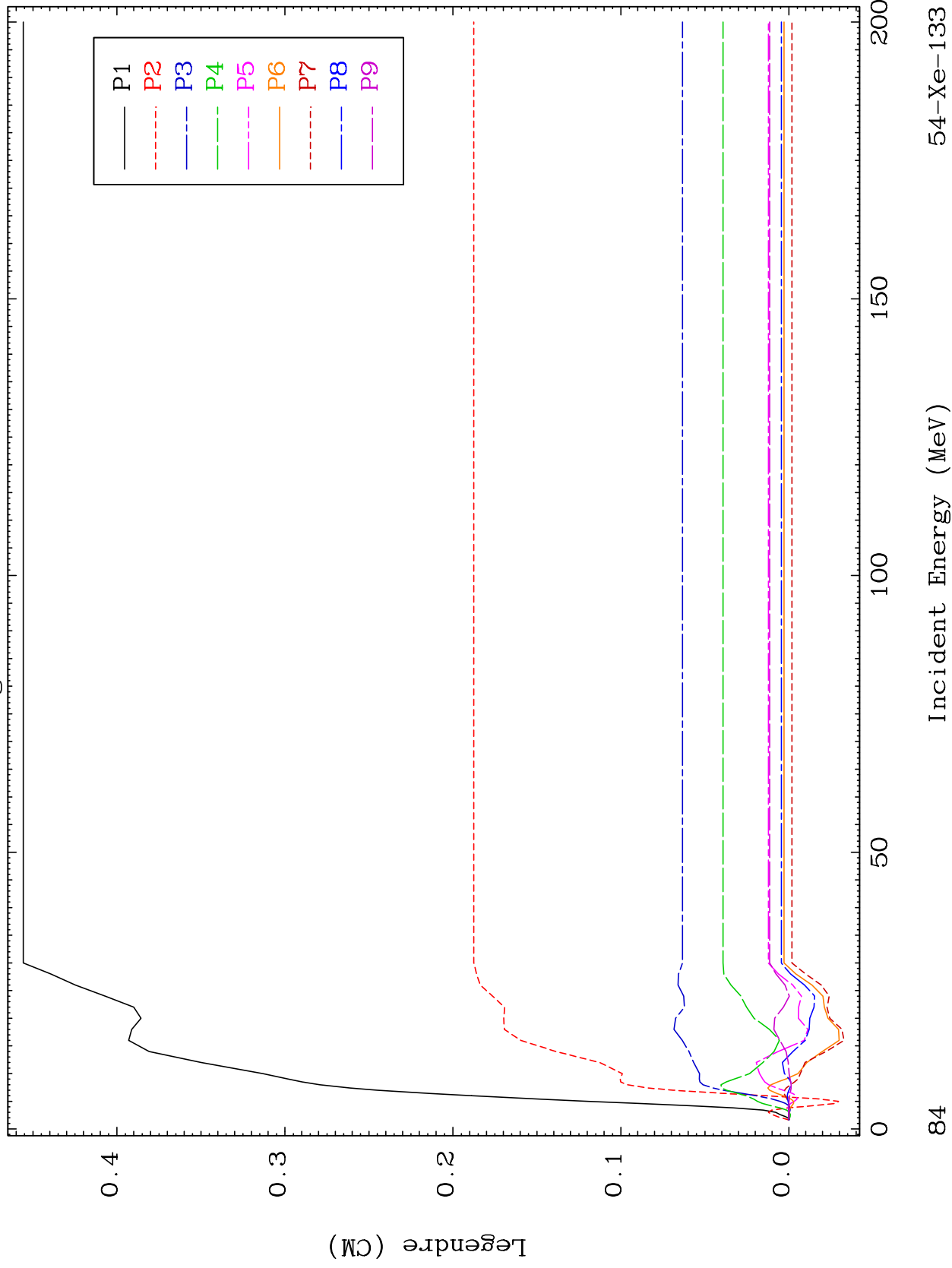
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

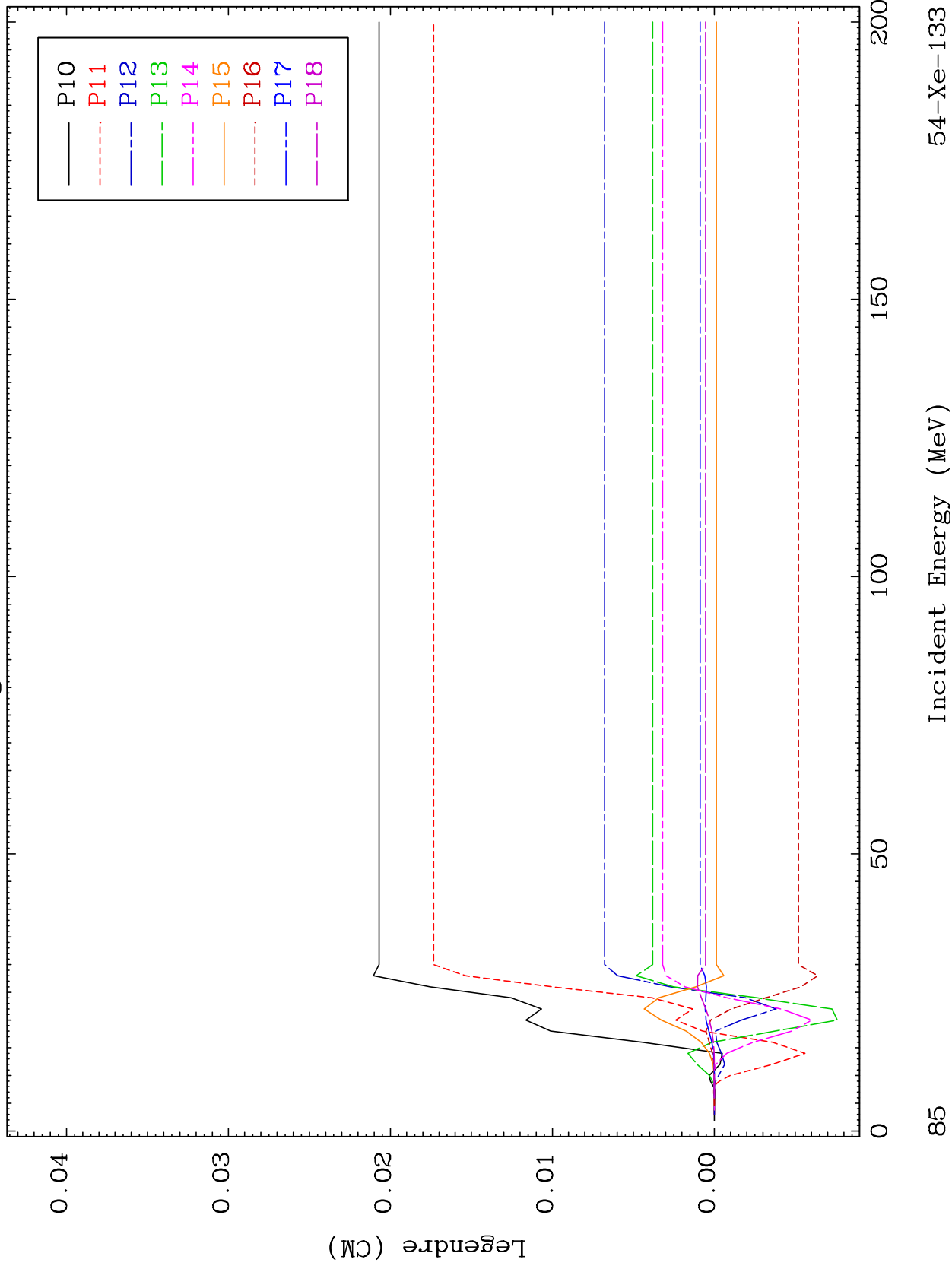
Incident Energy (MeV)

84

MAT 5452

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

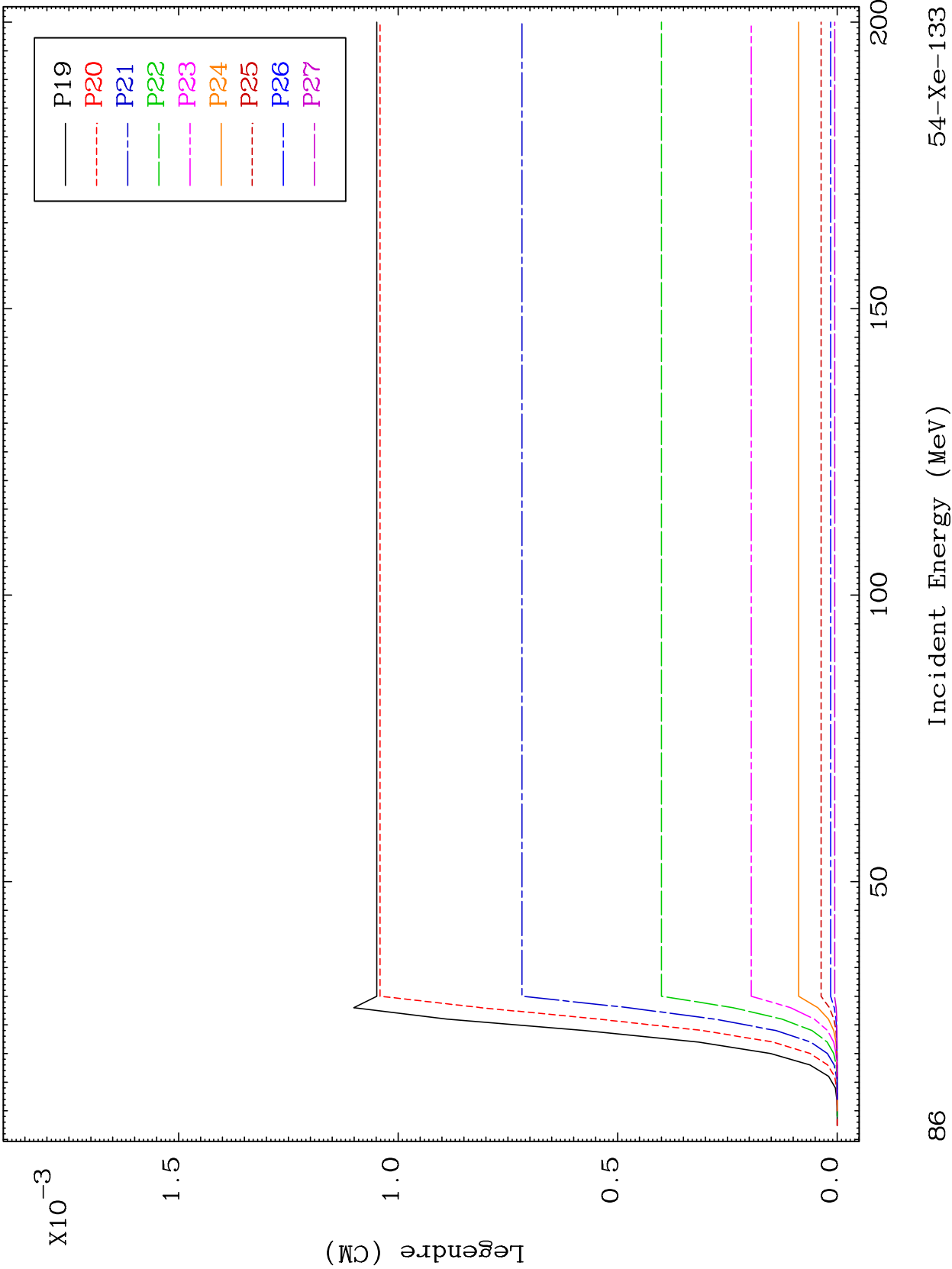
54-Xe-133



54-Xe-133

Incident Energy (MeV)

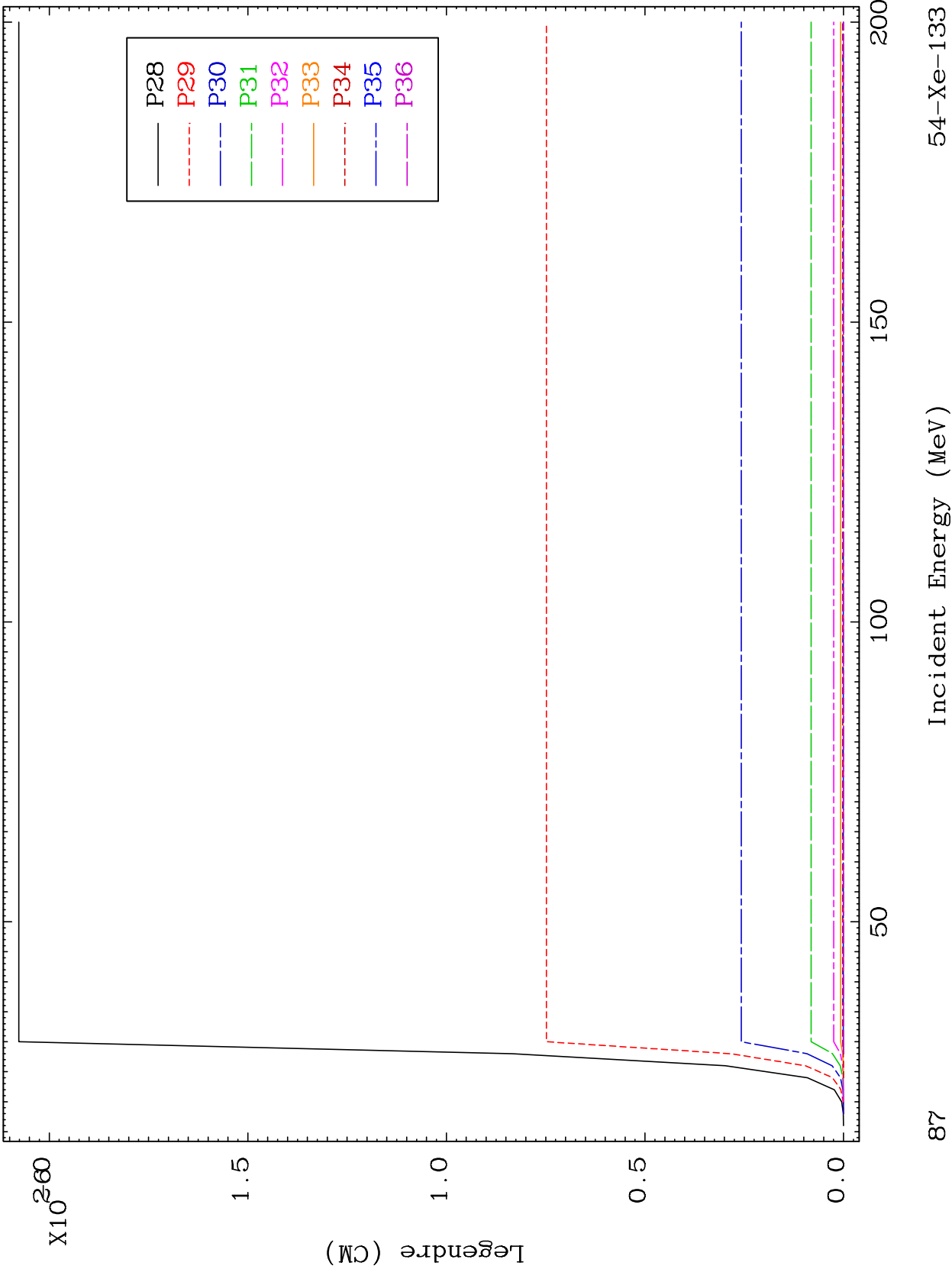
85



MAT 5452

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

54-Xe-133



54-Xe-133

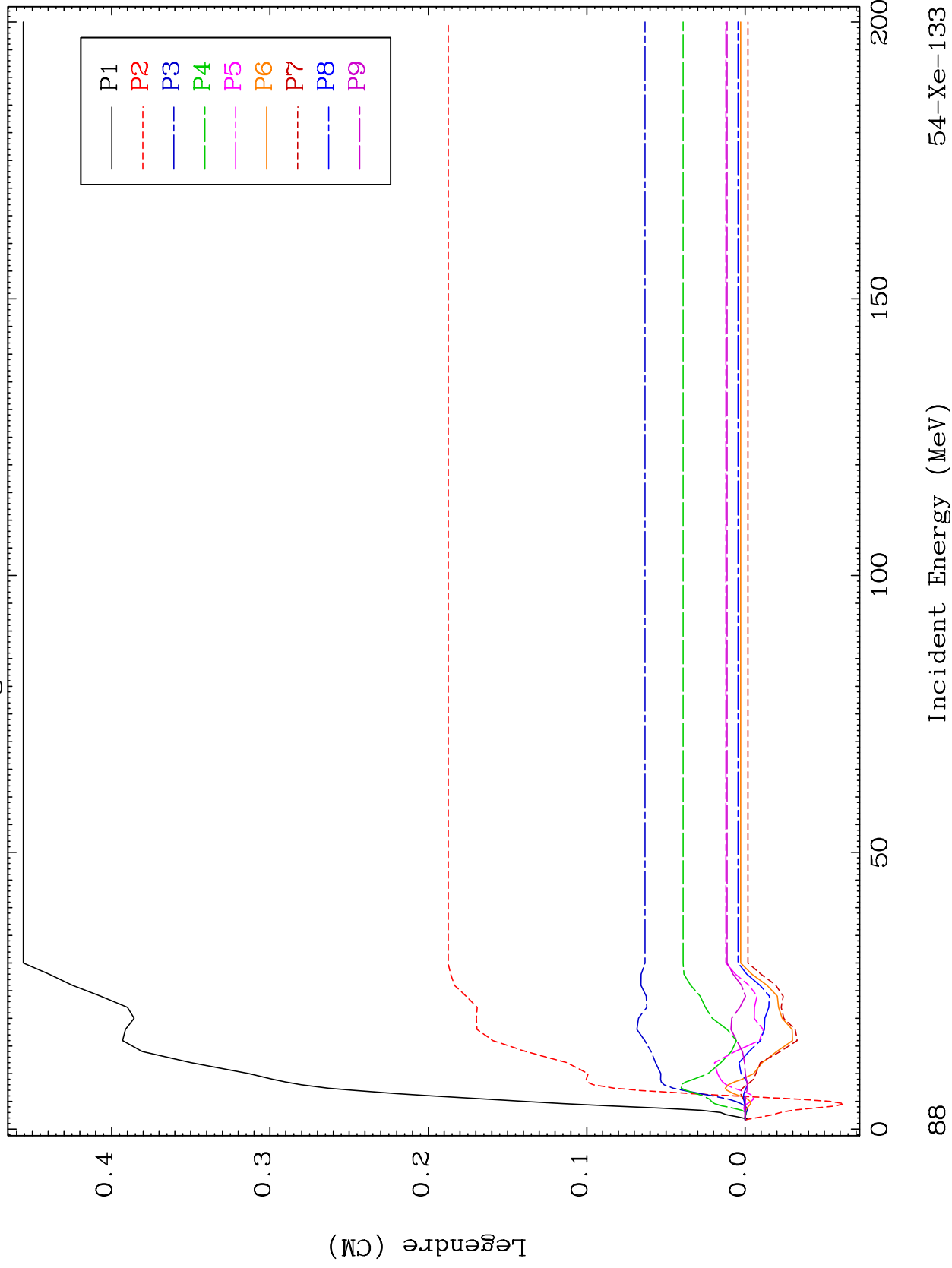
Incident Energy (MeV)

87

MAT 5452

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

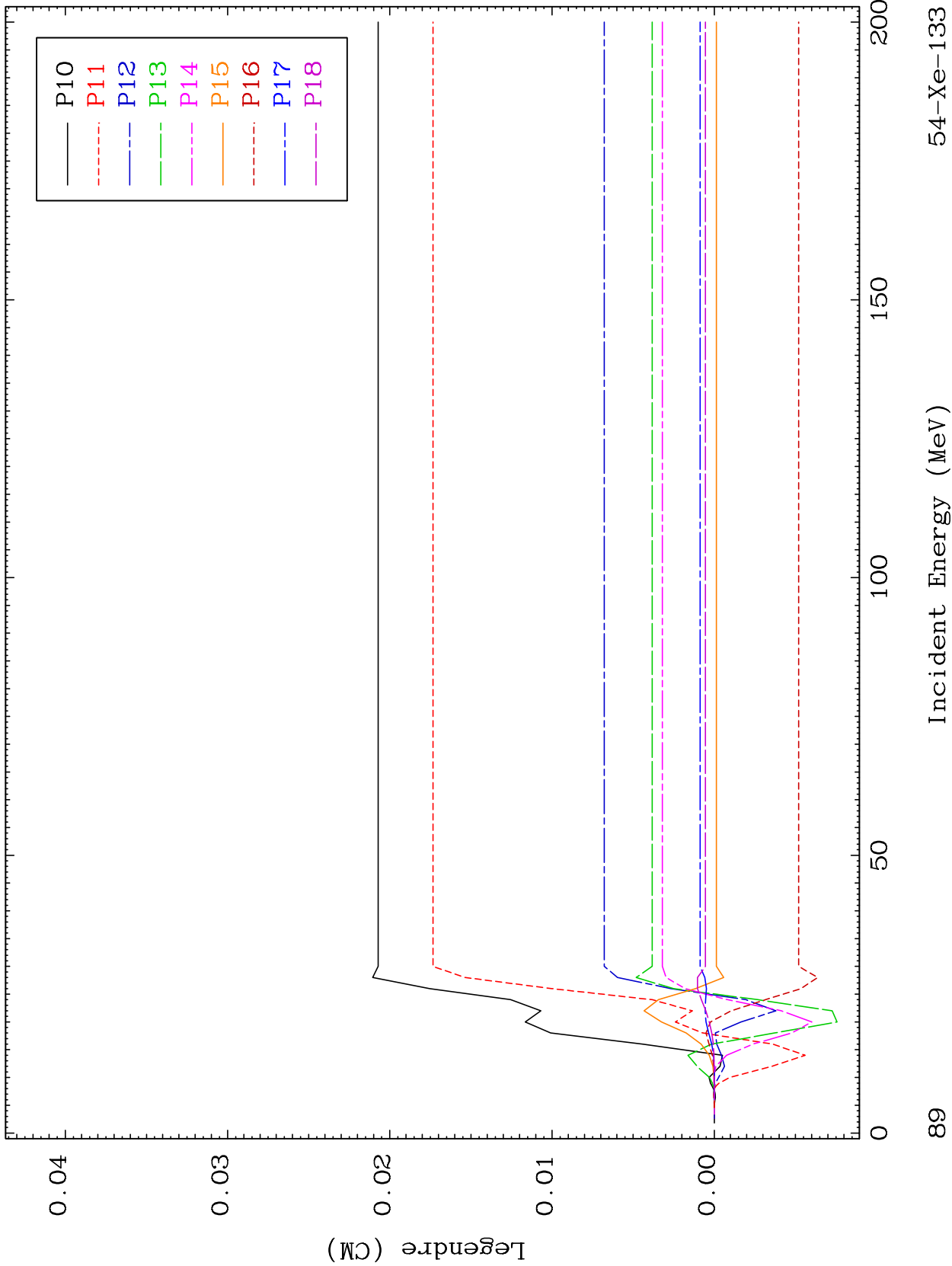
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

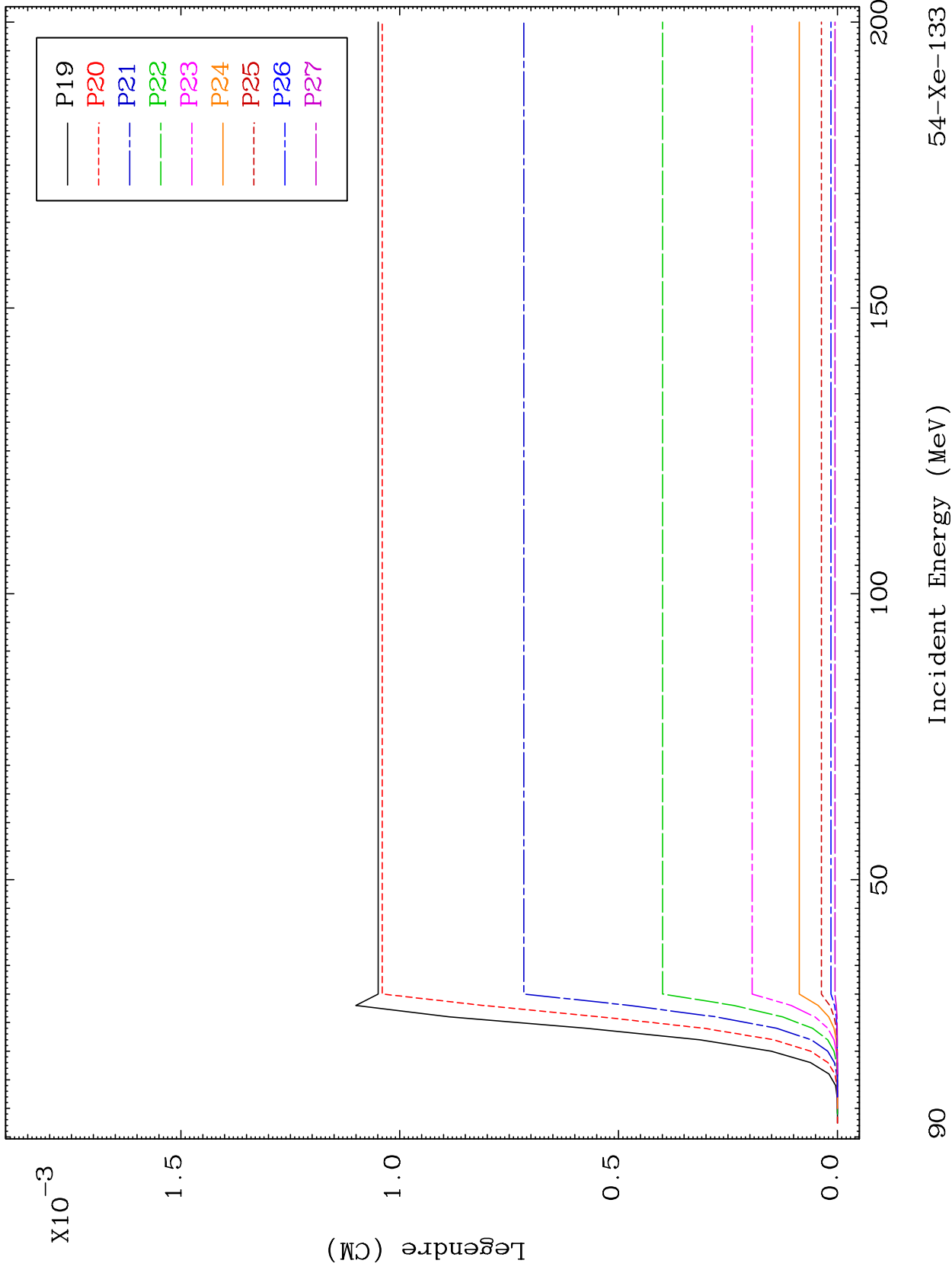
Incident Energy (MeV)

89

MAT 5452

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

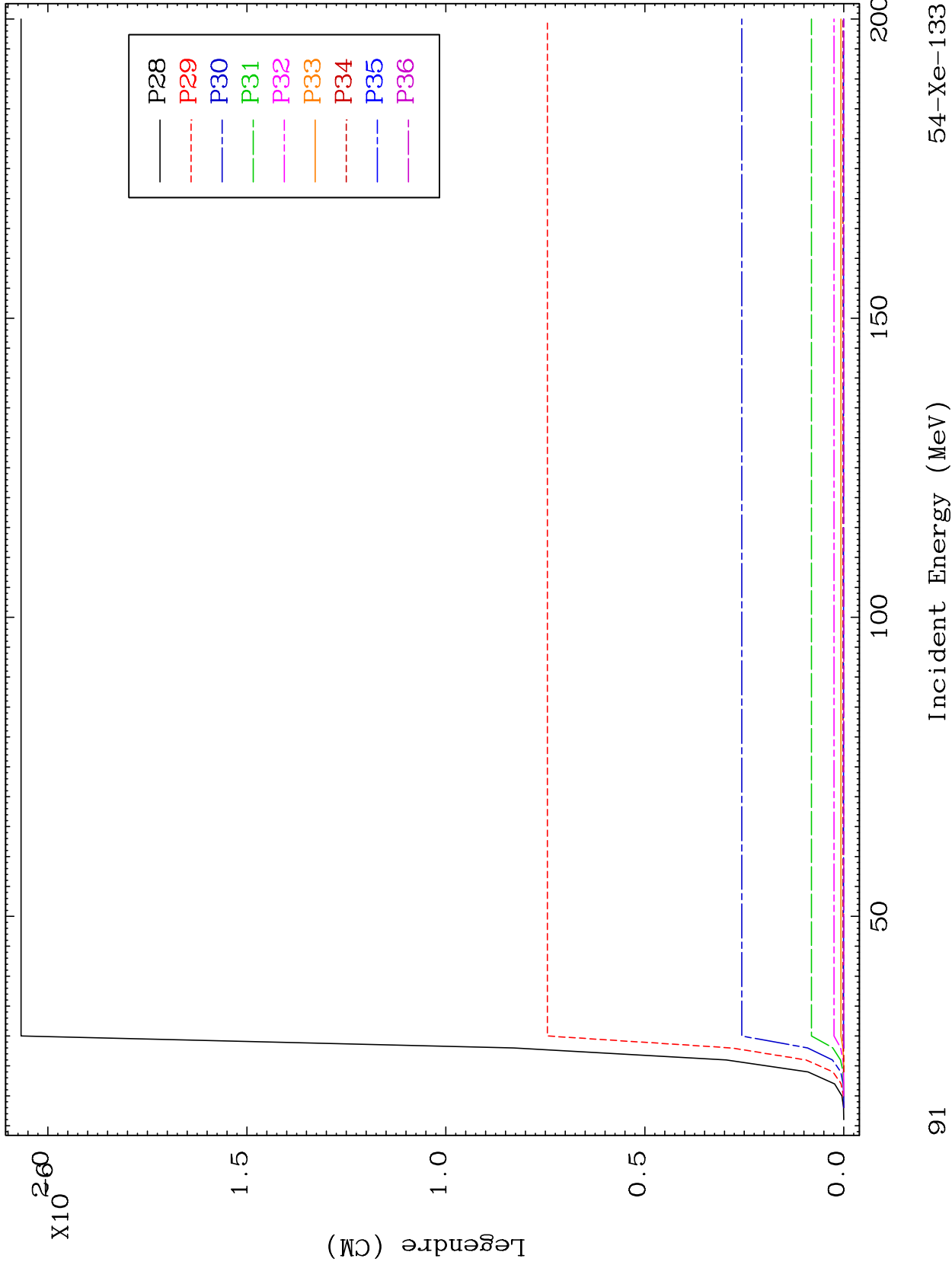
54-Xe-133



MAT 5452

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

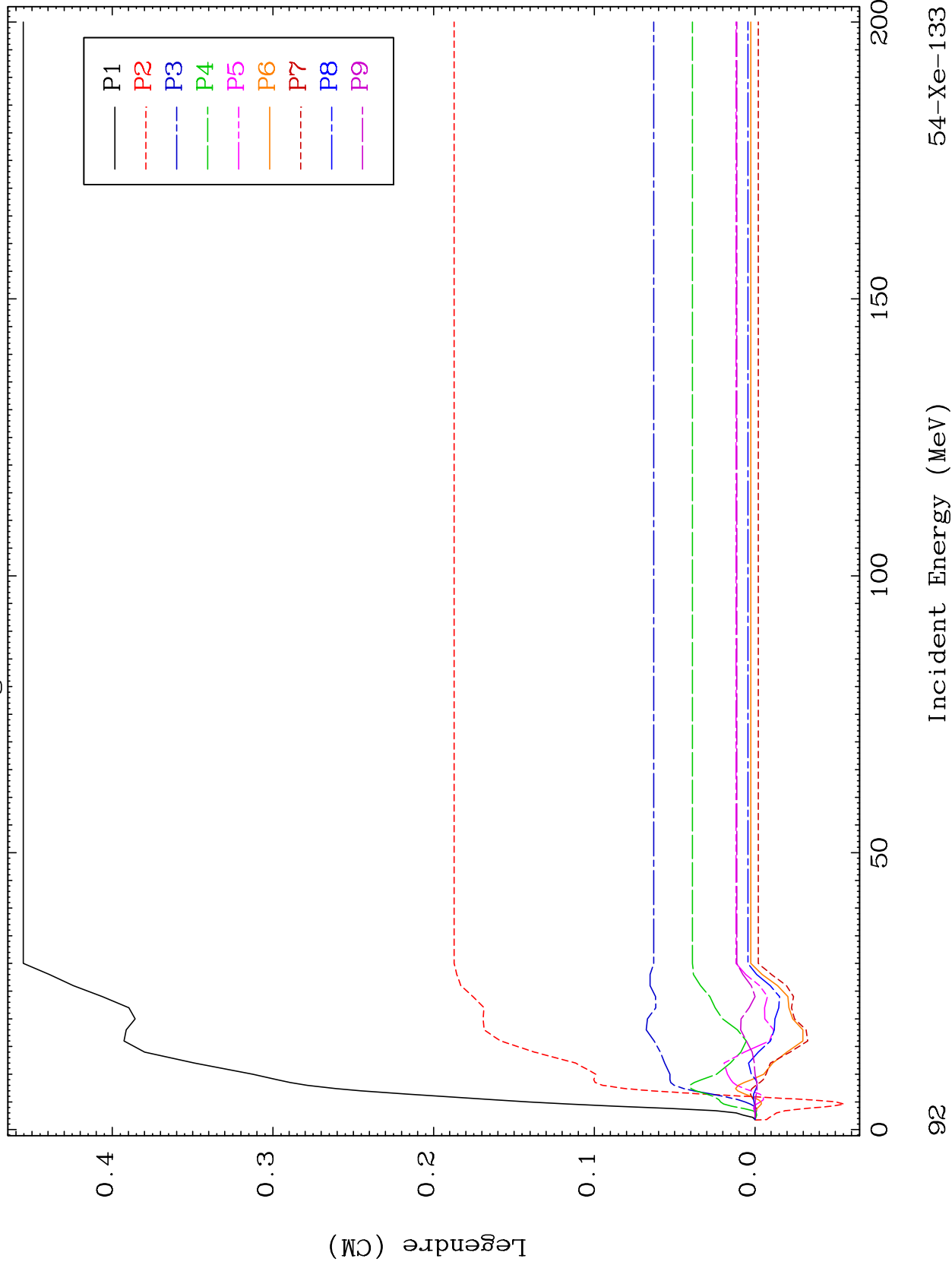
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

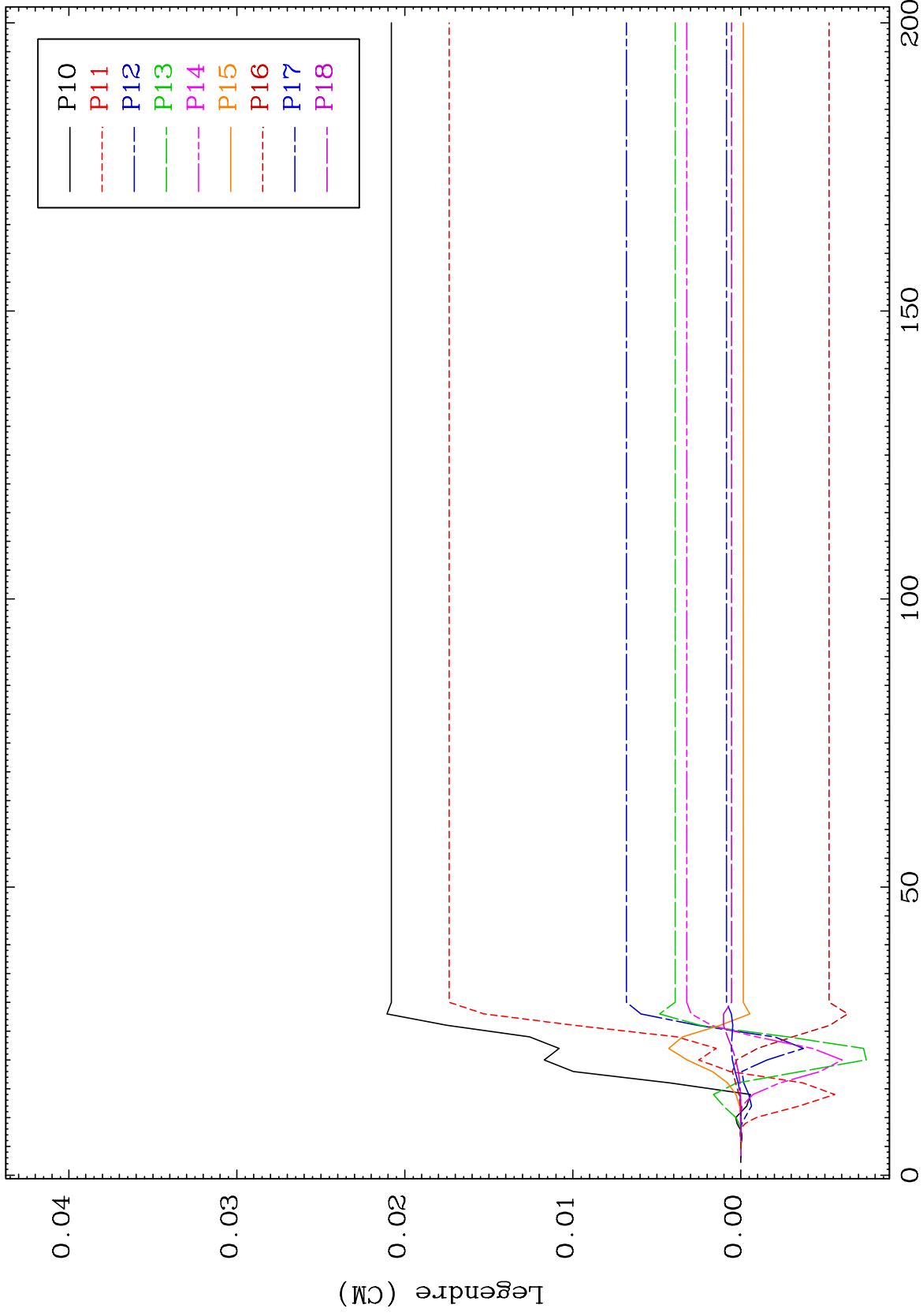
Incident Energy (MeV)

92

MAT 5452

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

54-Xe-133



93

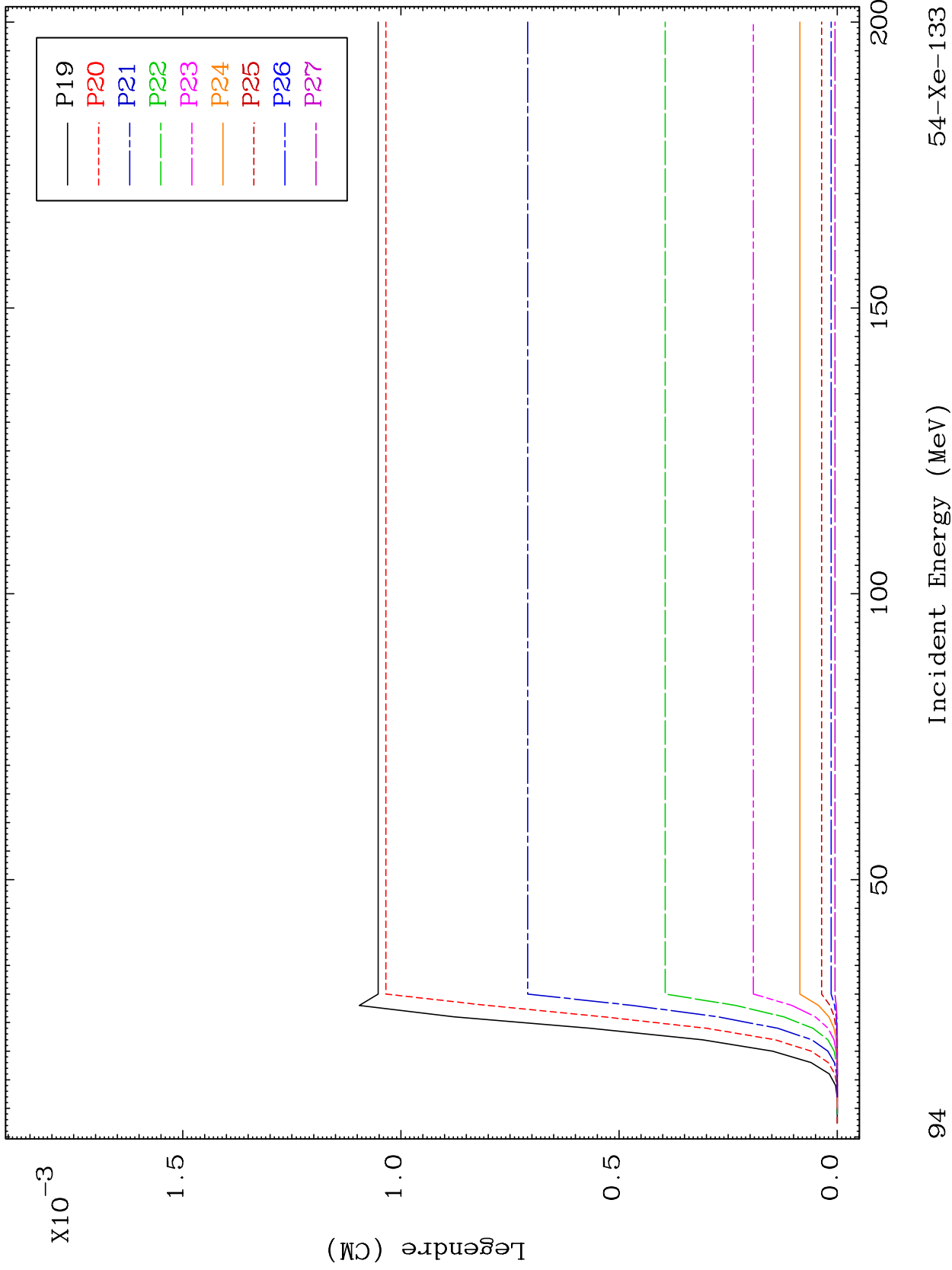
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

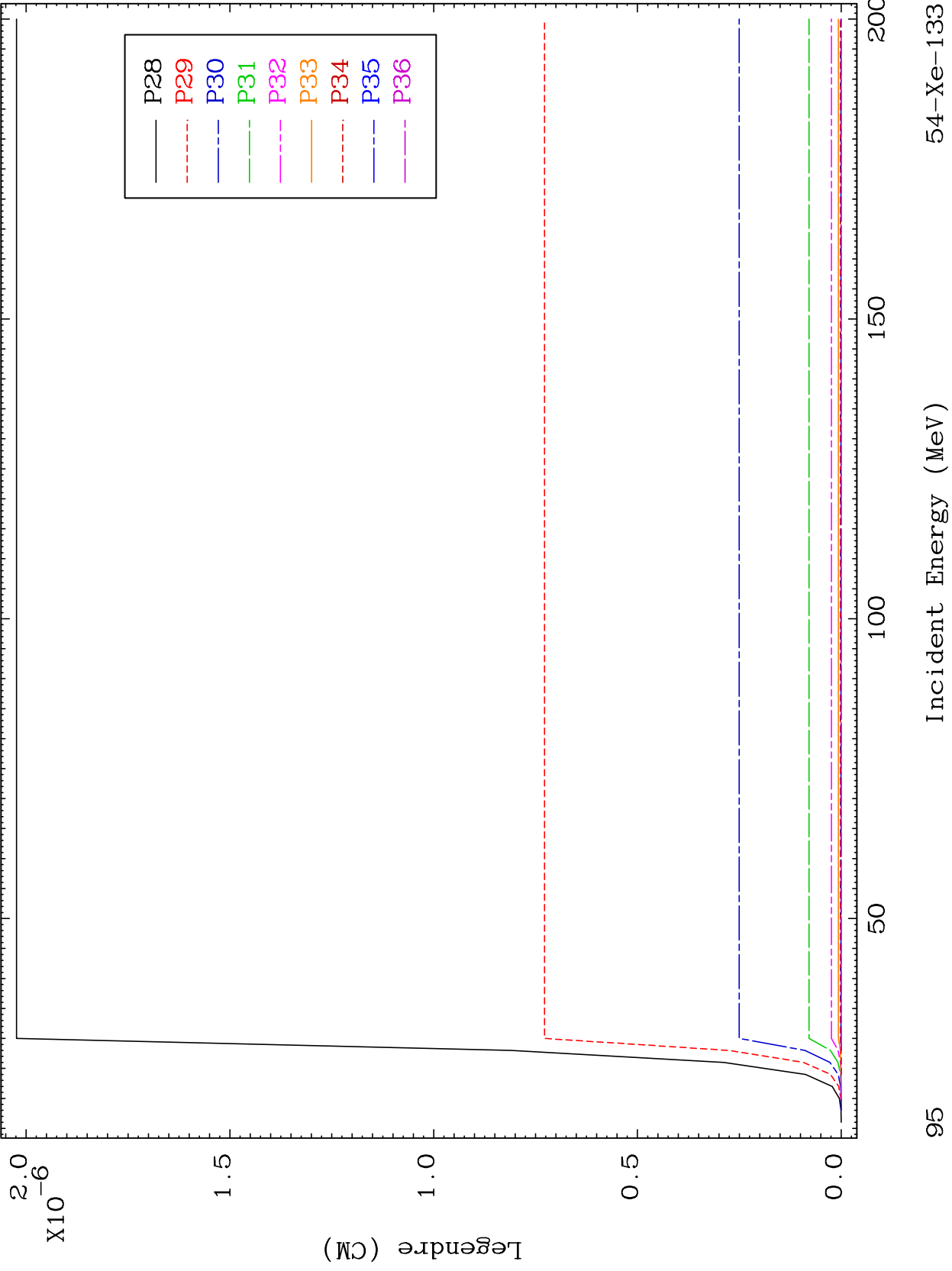
54-Xe-133



MAT 5452

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

54-Xe-133



95

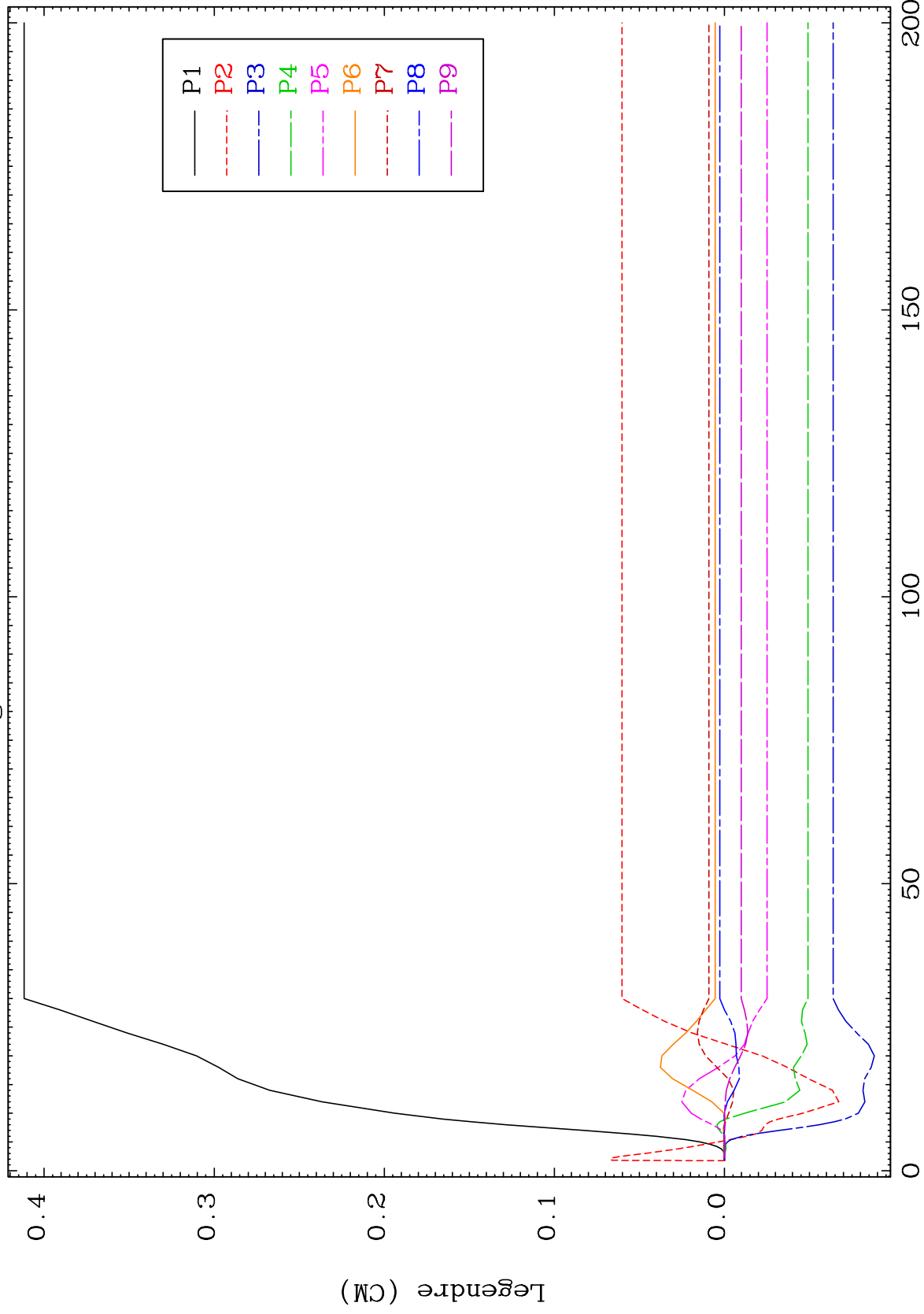
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



96

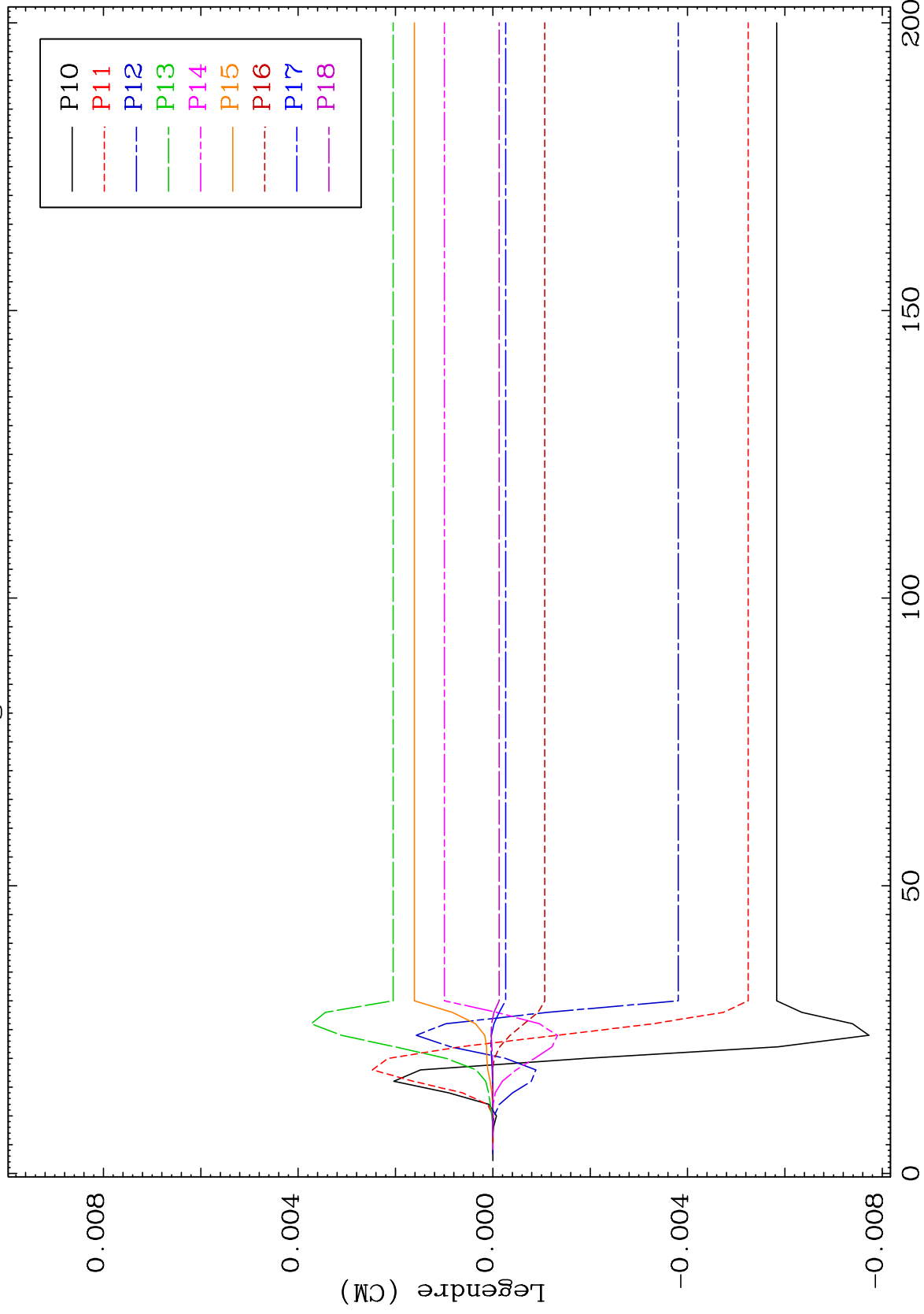
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



97

Incident Energy (MeV)

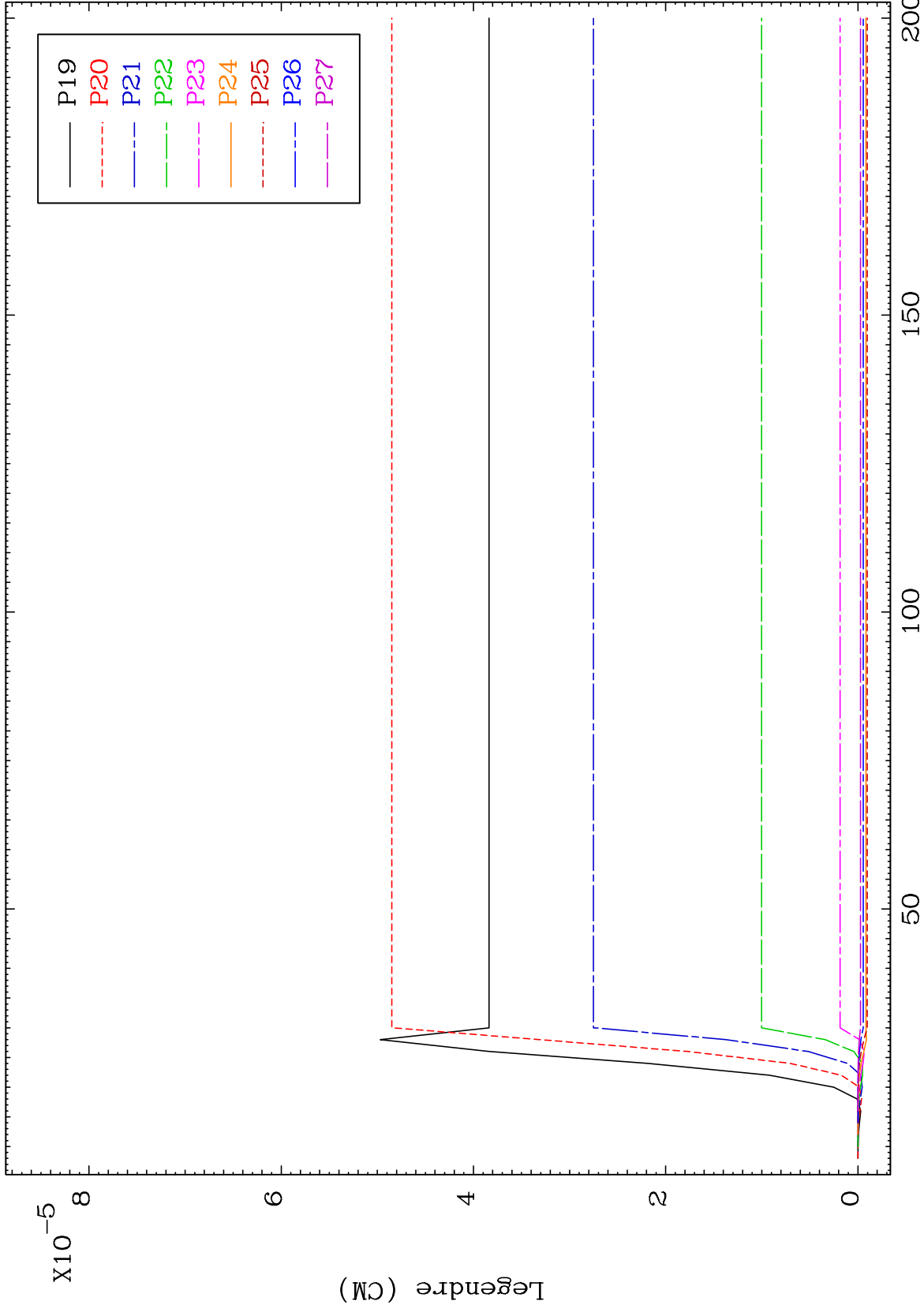
54-Xe-133

MAT 5452

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

54-Xe-133

$\times 10^{-5}$



98

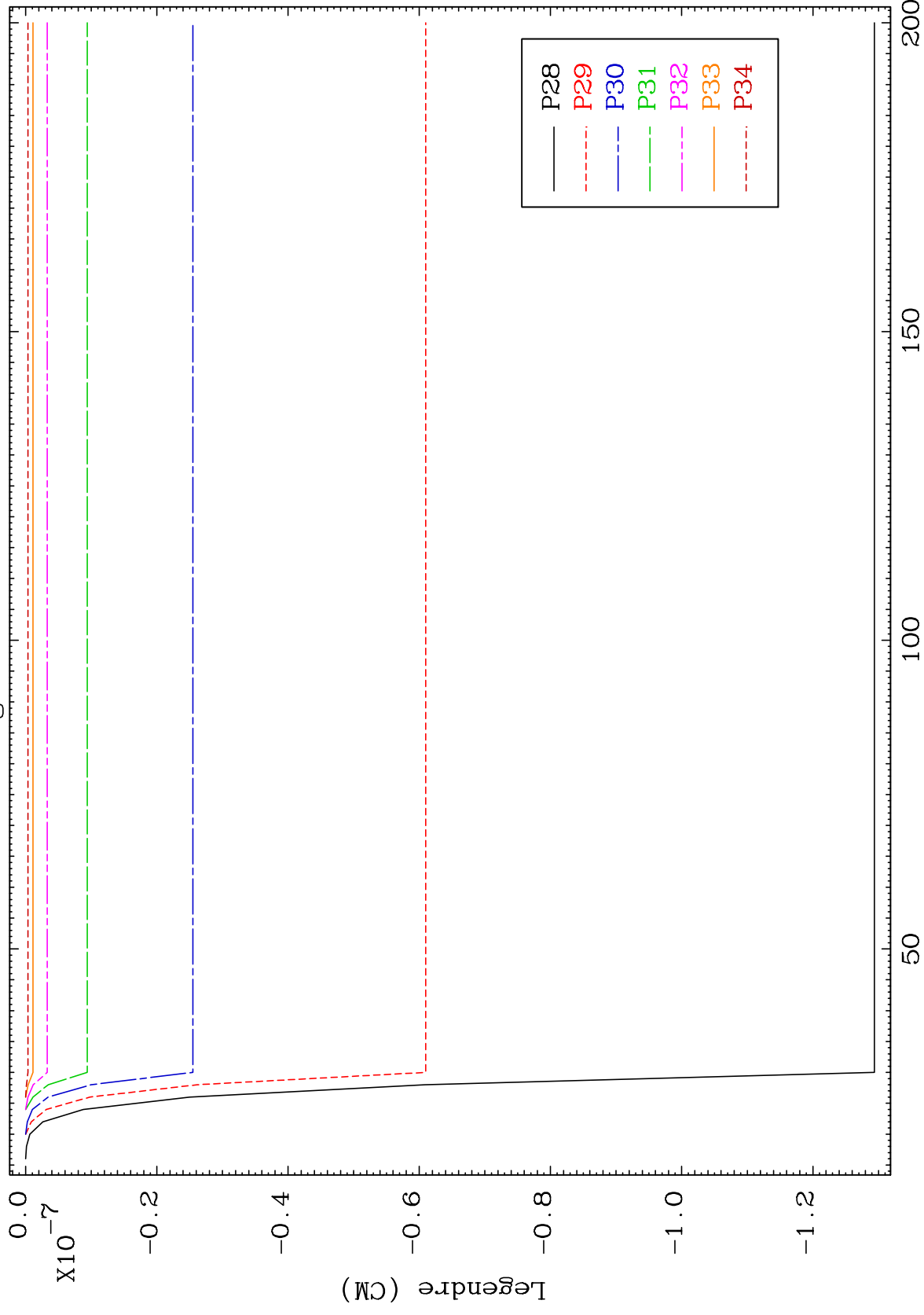
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

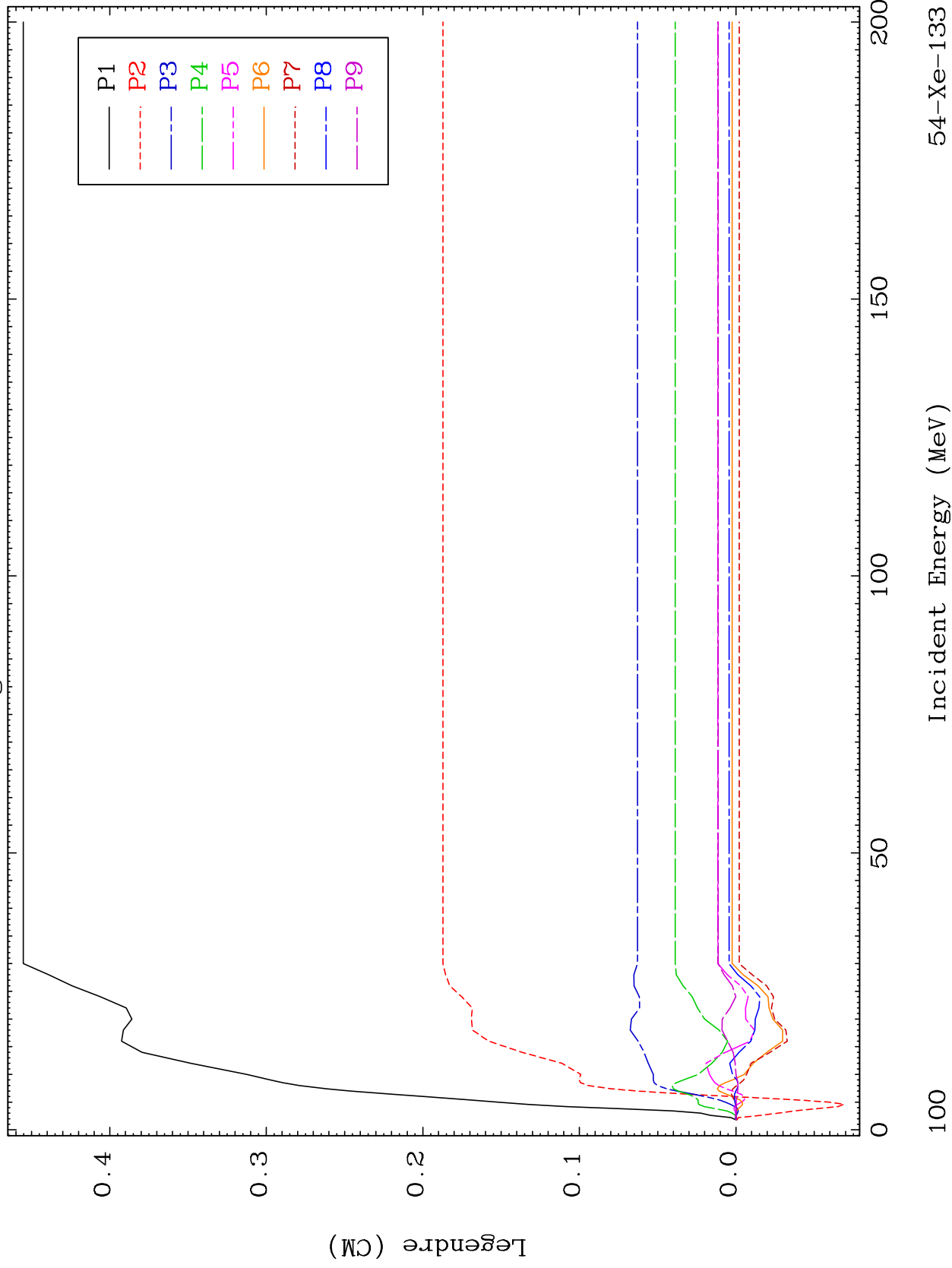
54-Xe-133



MAT 5452

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

54-Xe-133

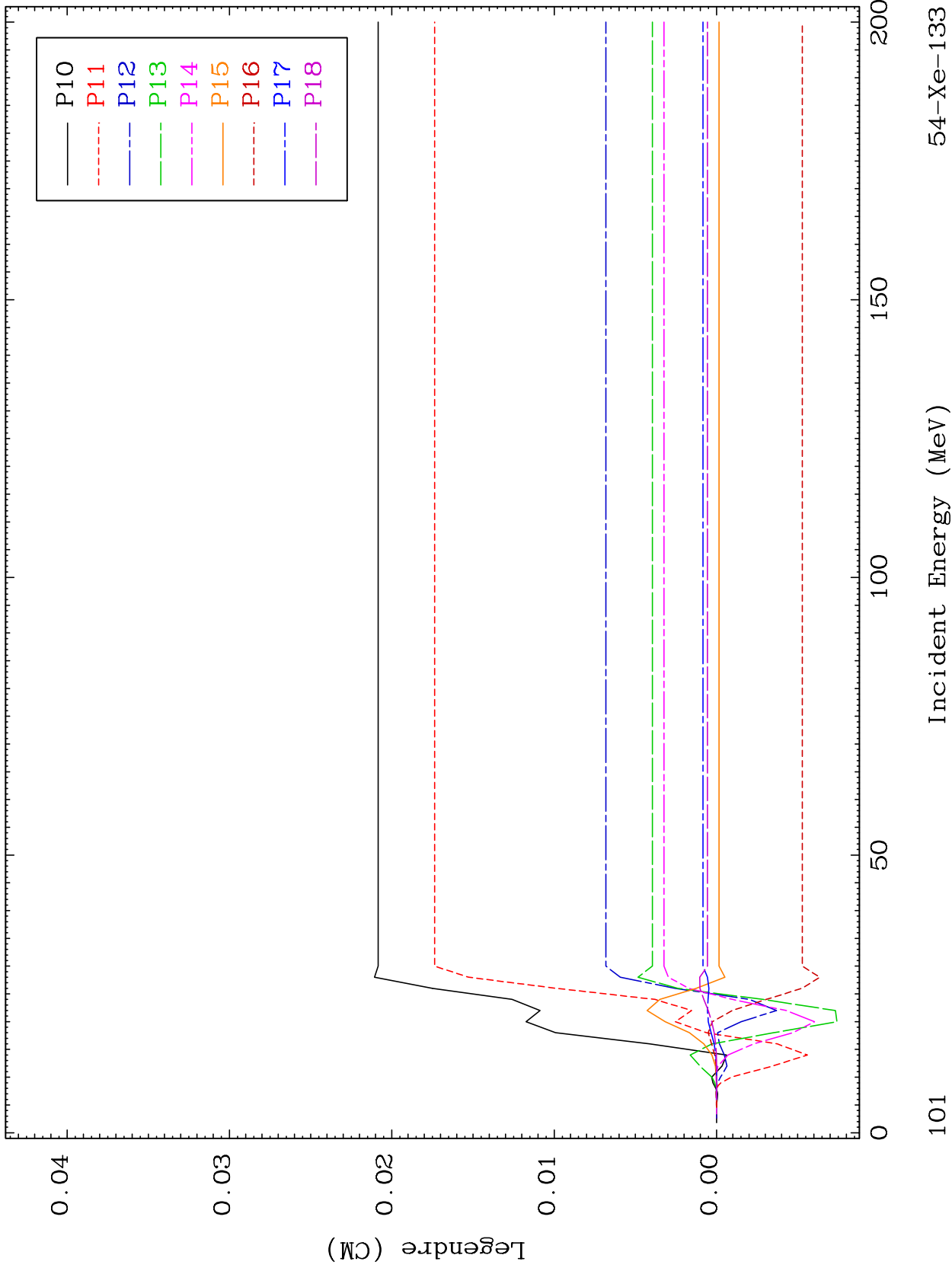


54-Xe-133

MAT 5452

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

54-Xe-133



101

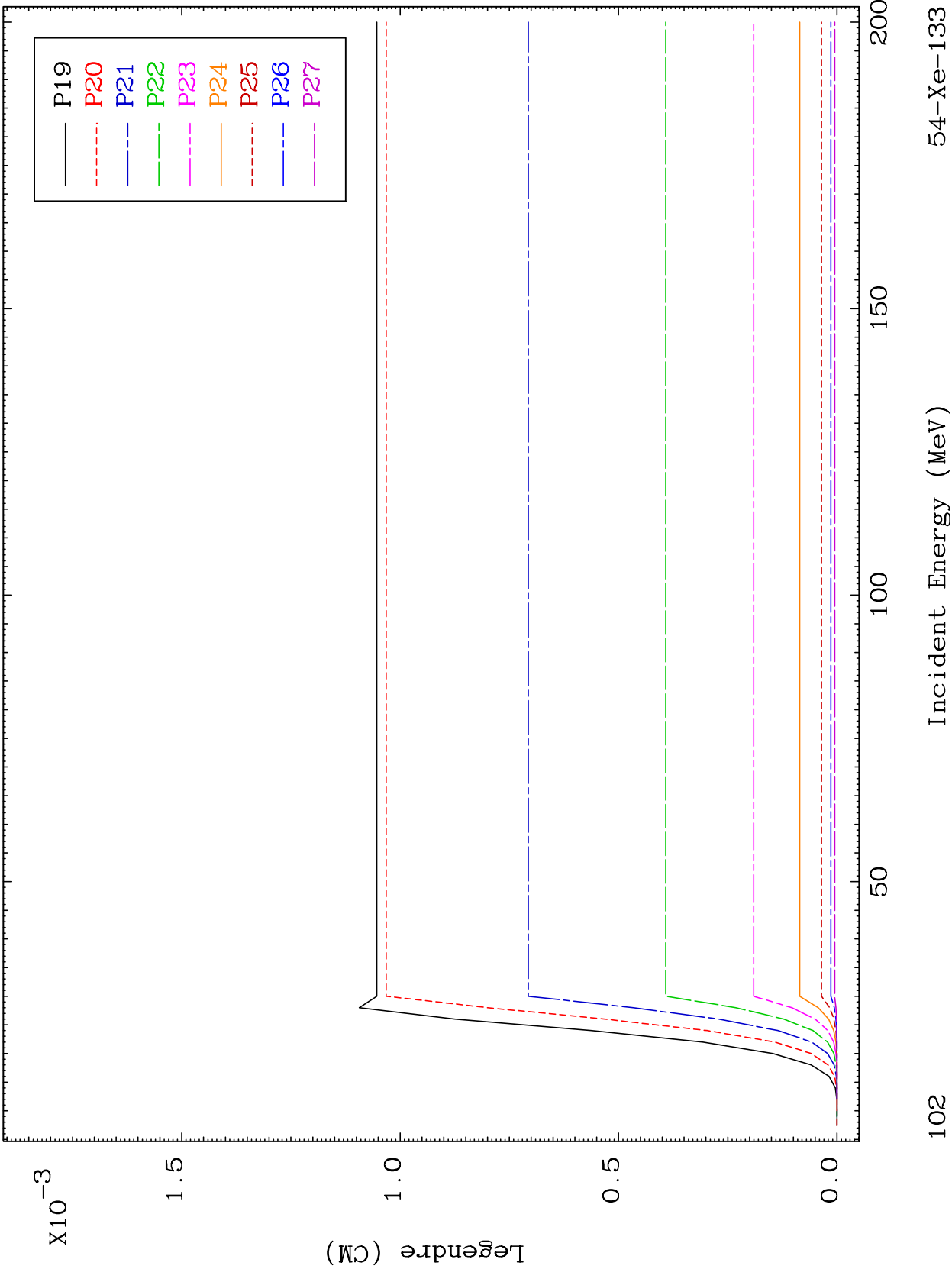
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



102

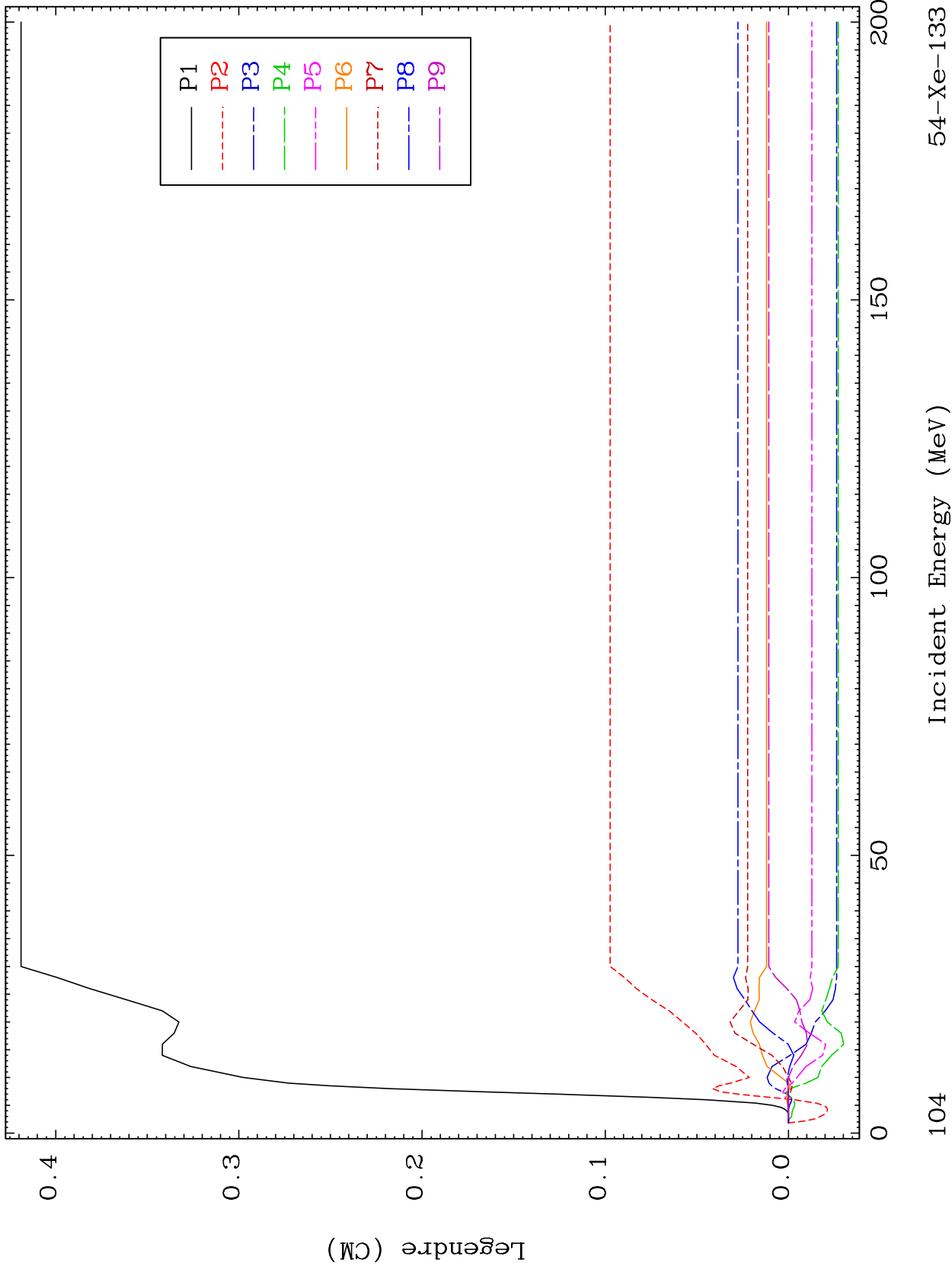
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

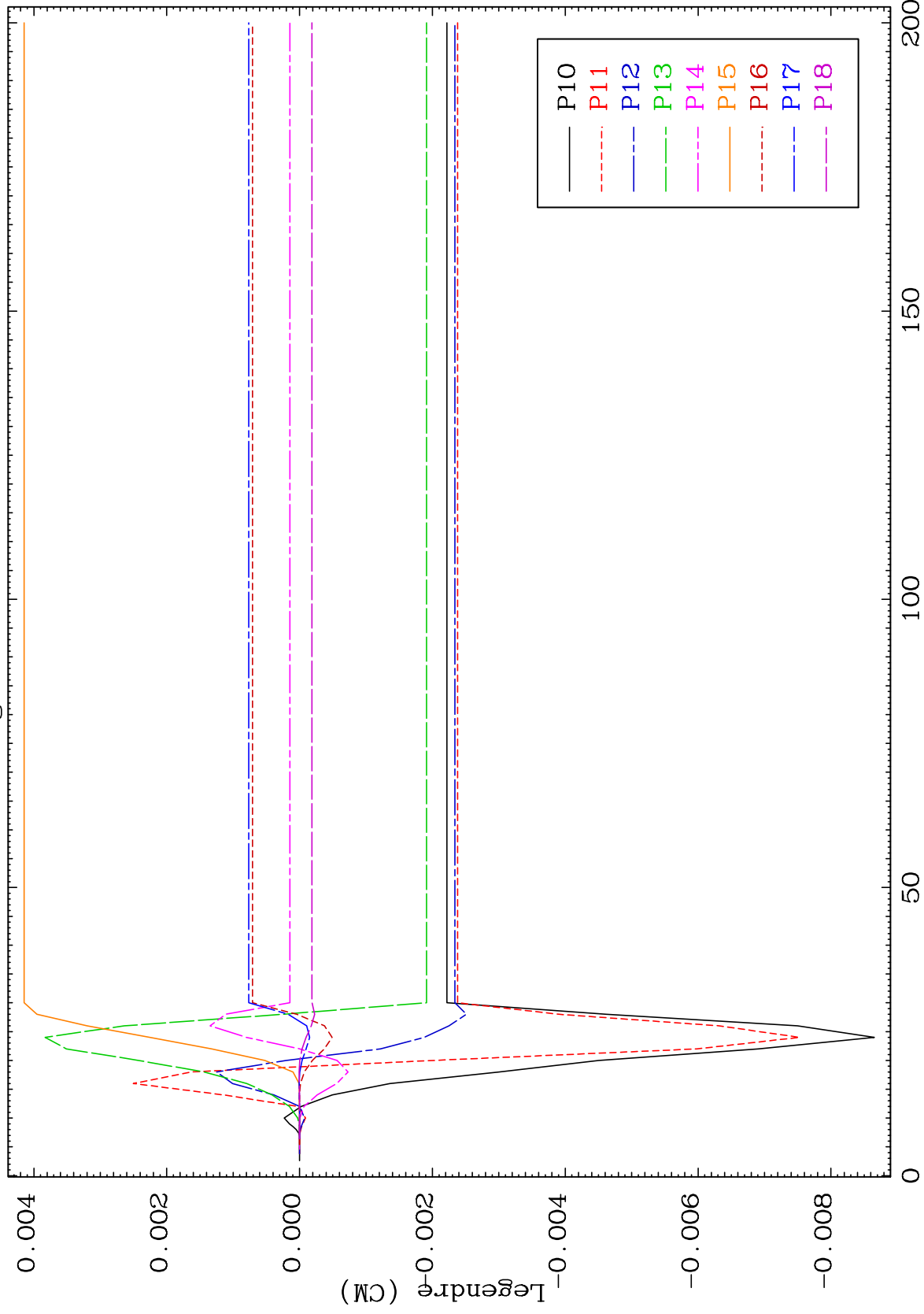
Incident Energy (MeV)

104

MAT 5452

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

54-Xe-133



54-Xe-133

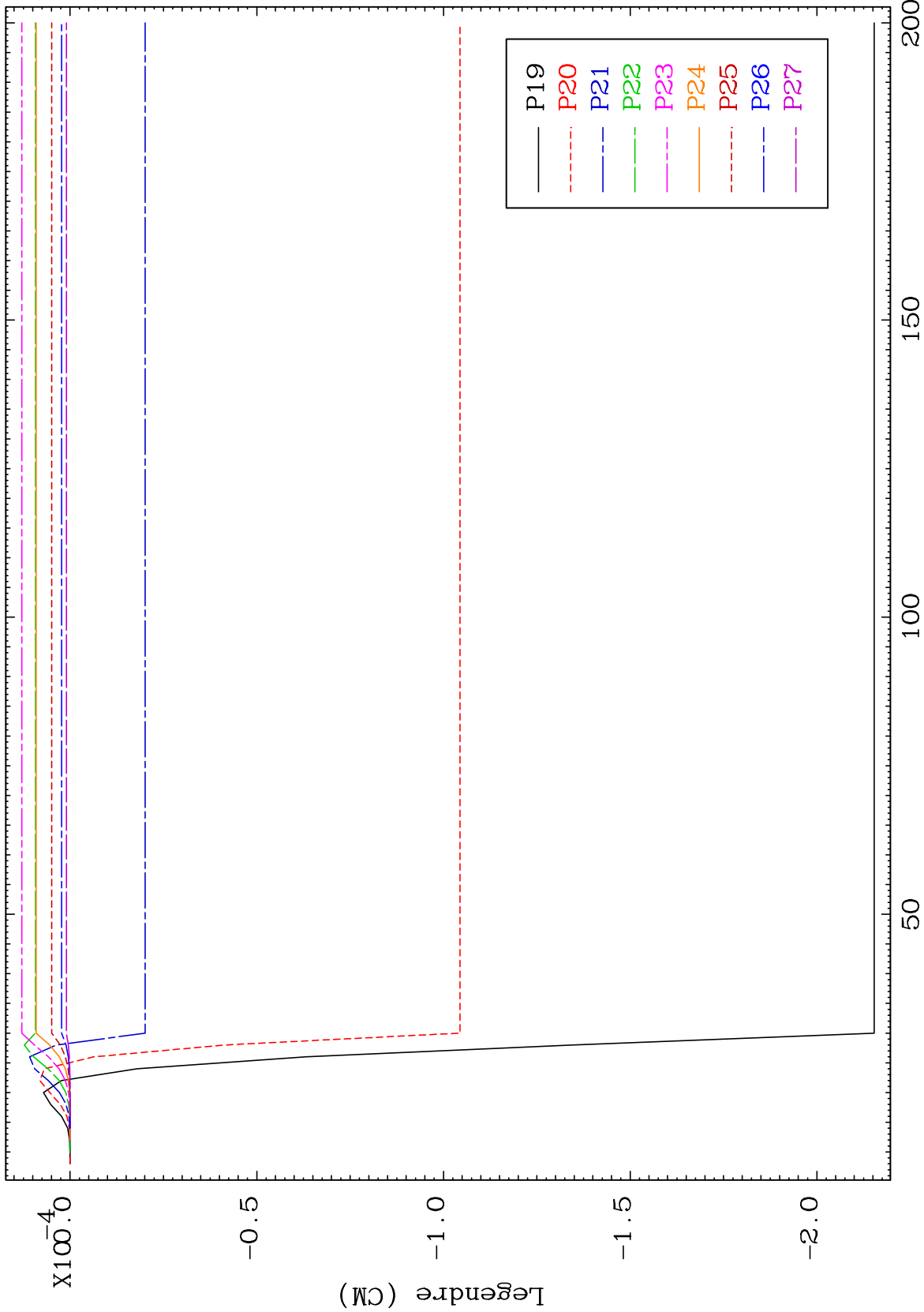
Incident Energy (MeV)

105

MAT 5452

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

54-Xe-133



106

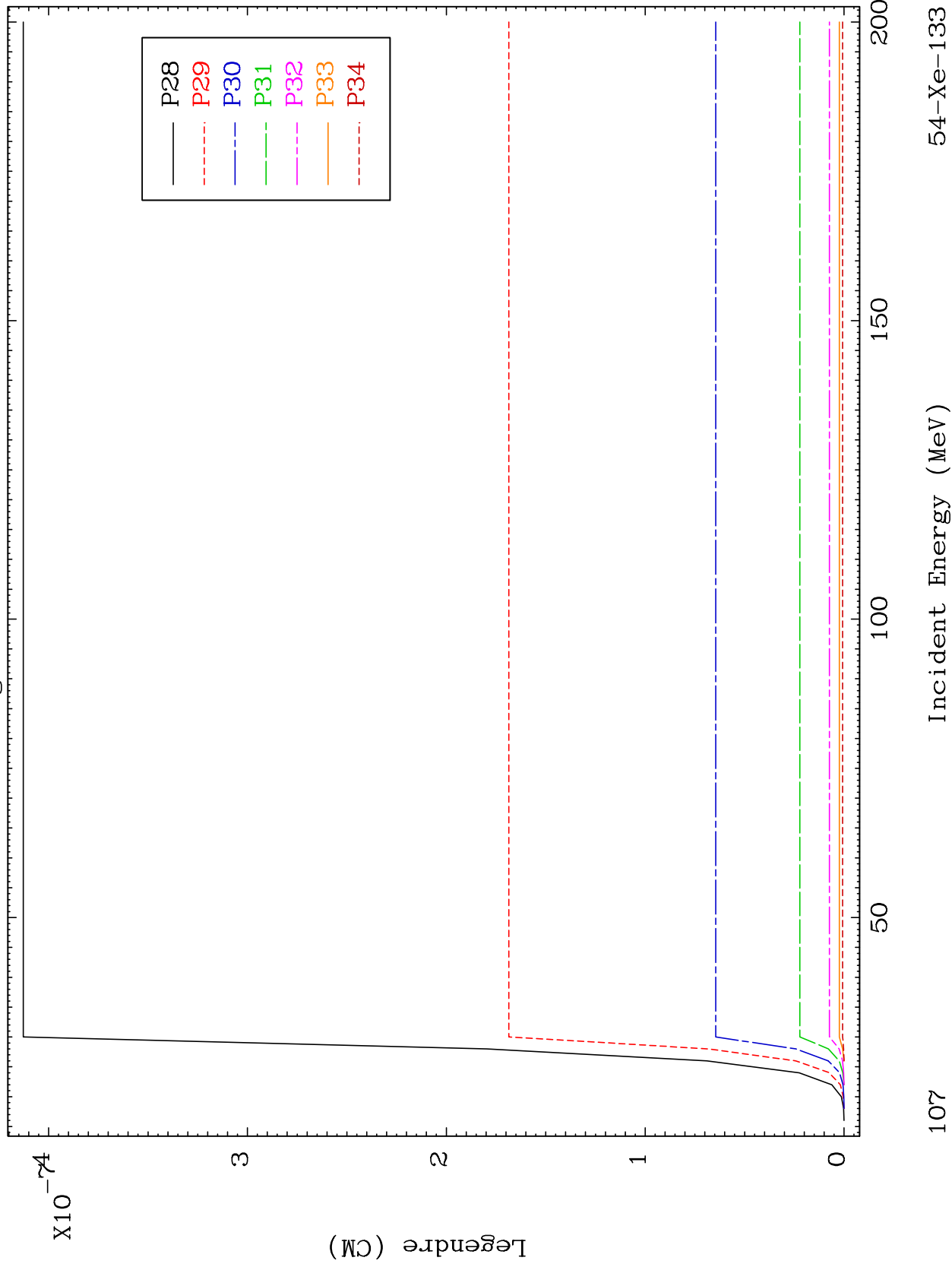
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

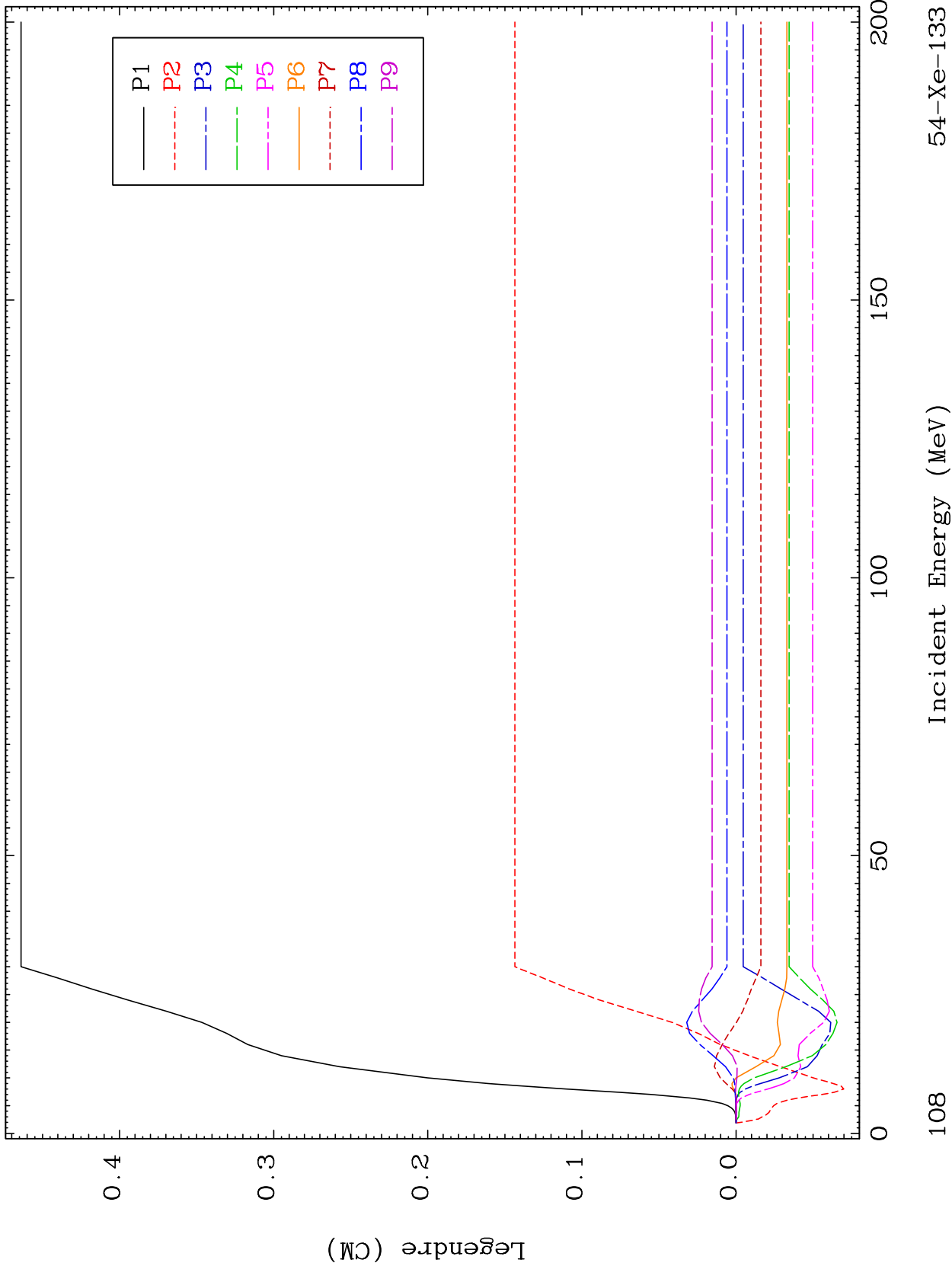
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

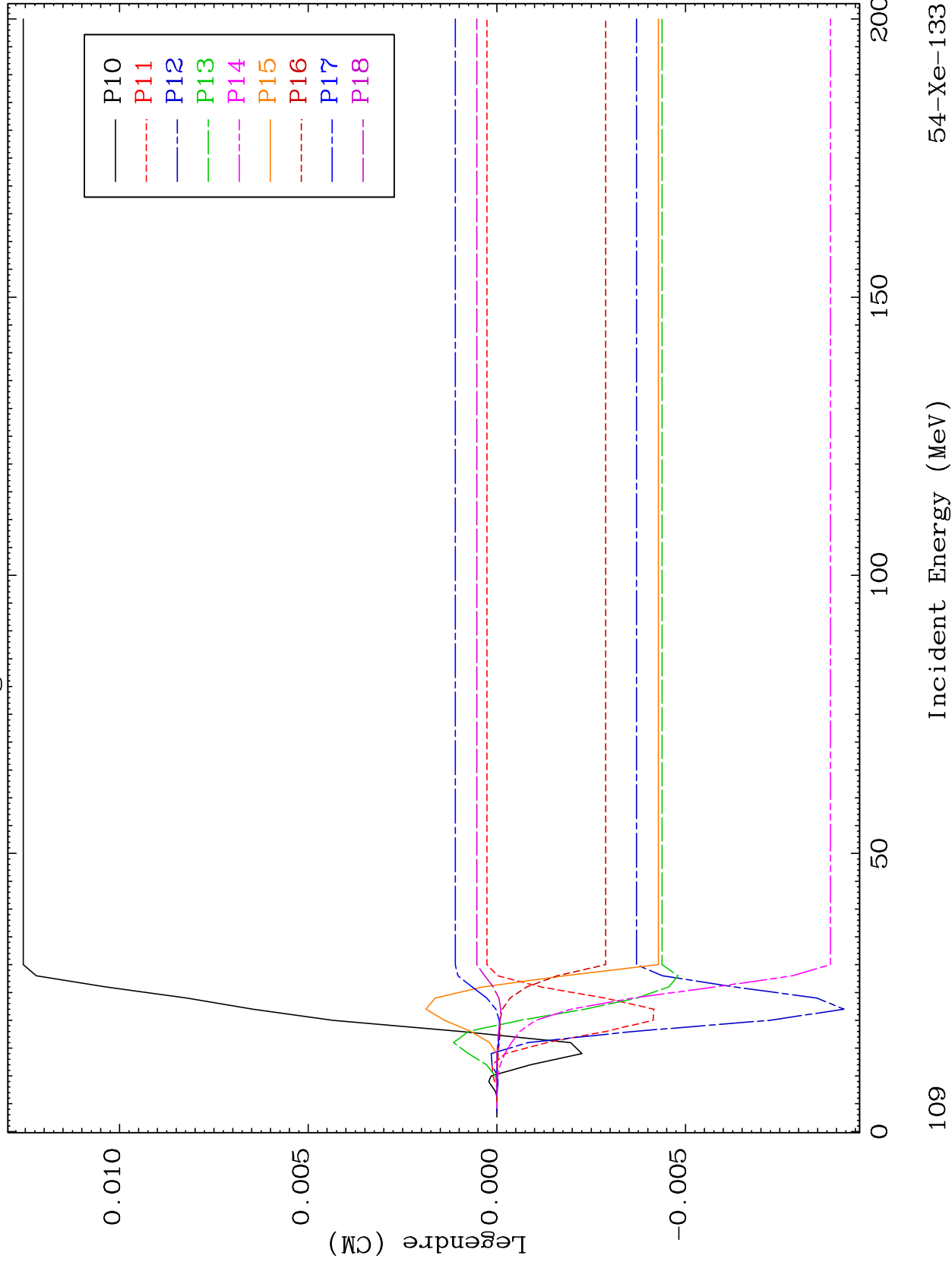
Incident Energy (MeV)

108

MAT 5452

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

54-Xe-133



109

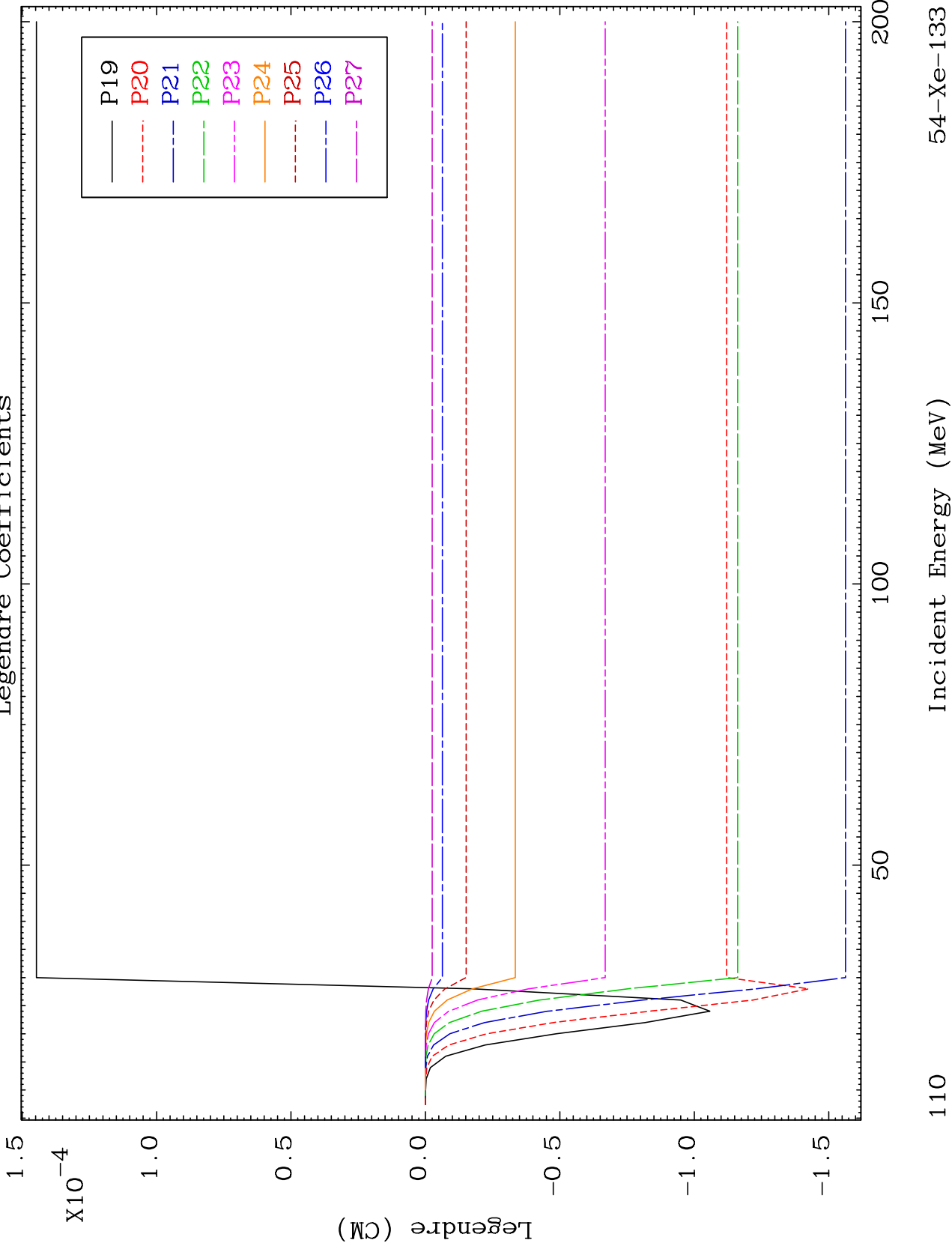
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



110

Incident Energy (MeV)

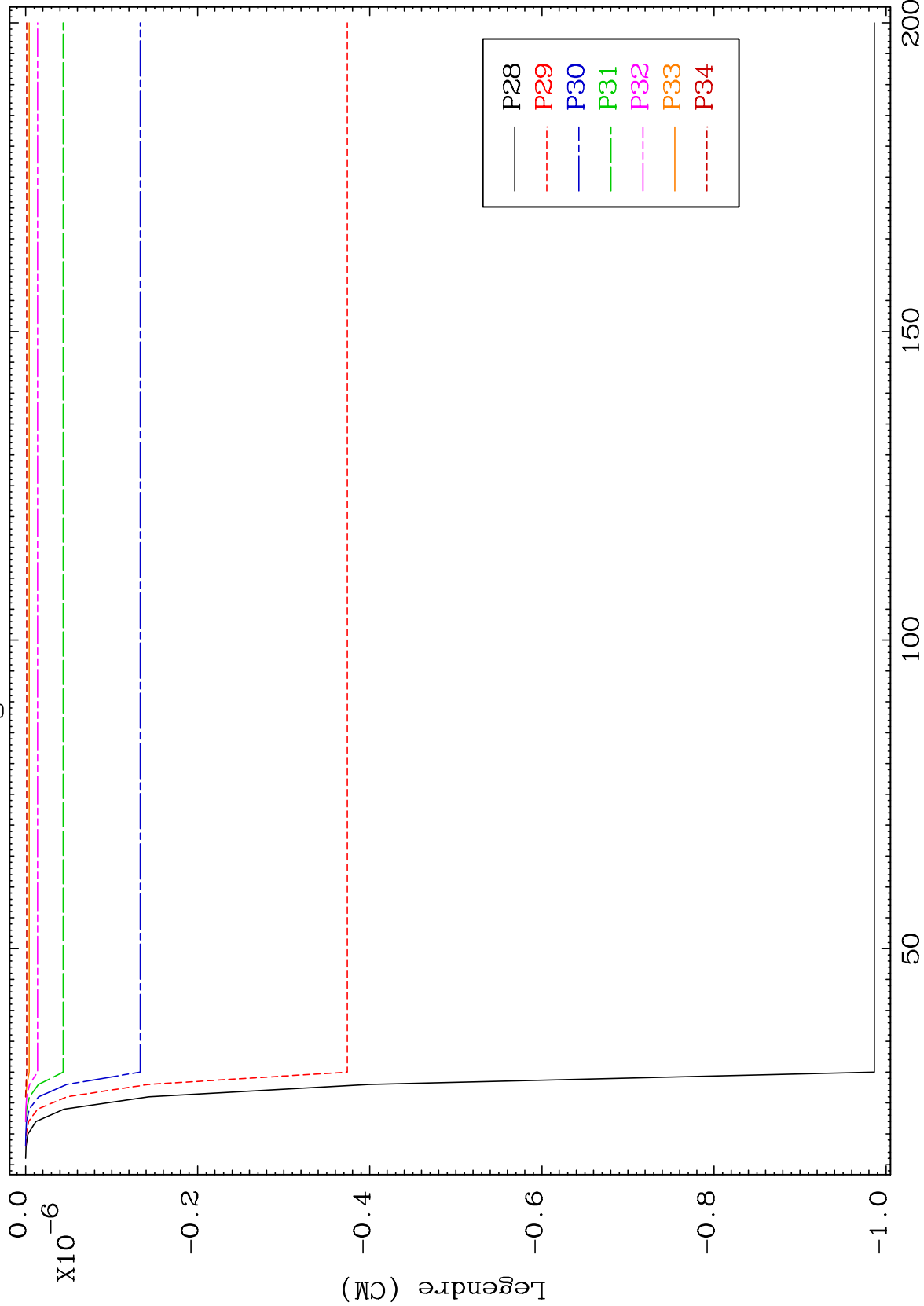
54-Xe-133

MAT 5452

MT= 73 (n,n') Level

54-Xe-133

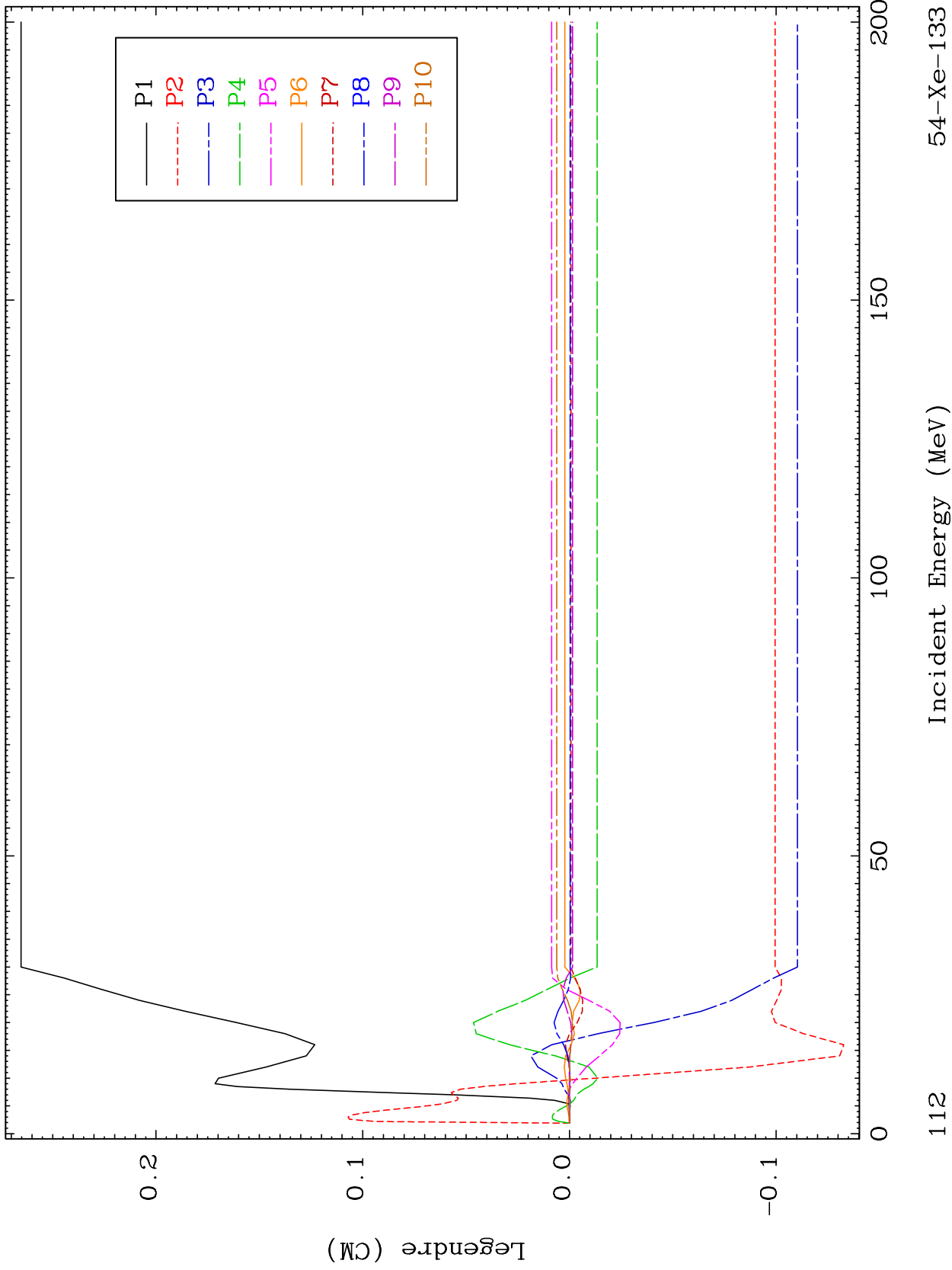
Legendre Coefficients



MAT 5452

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

54-Xe-133



112

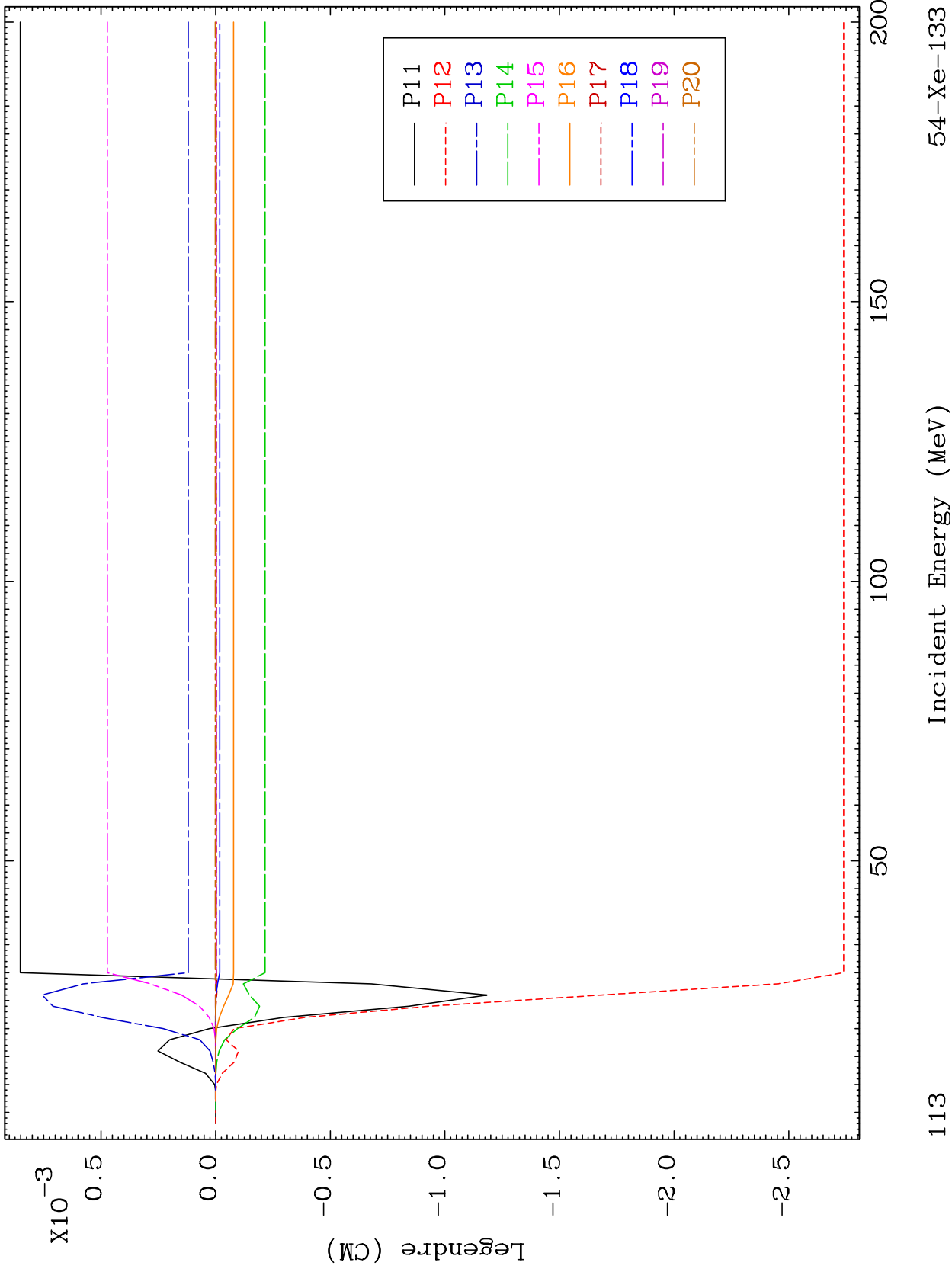
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



113

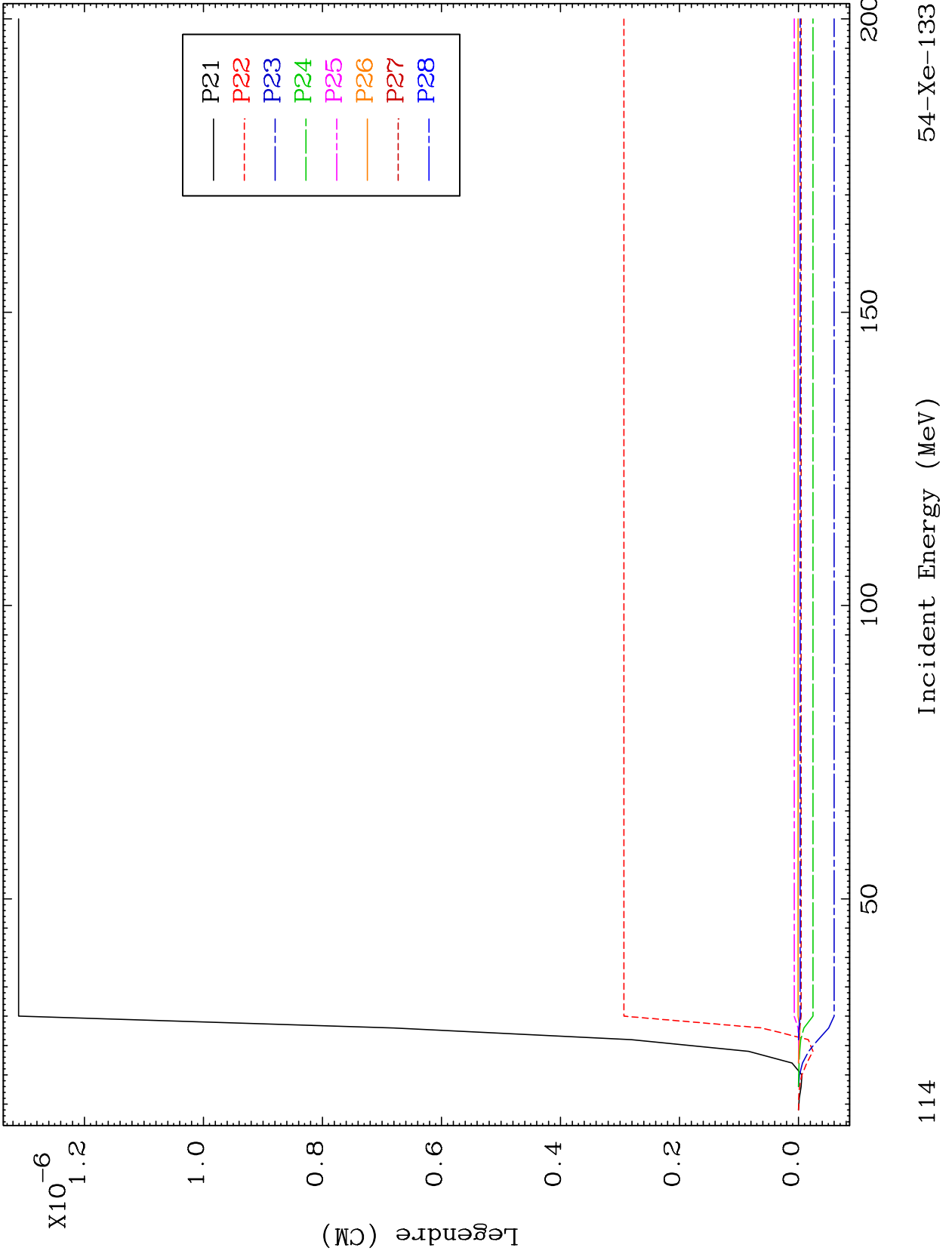
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133

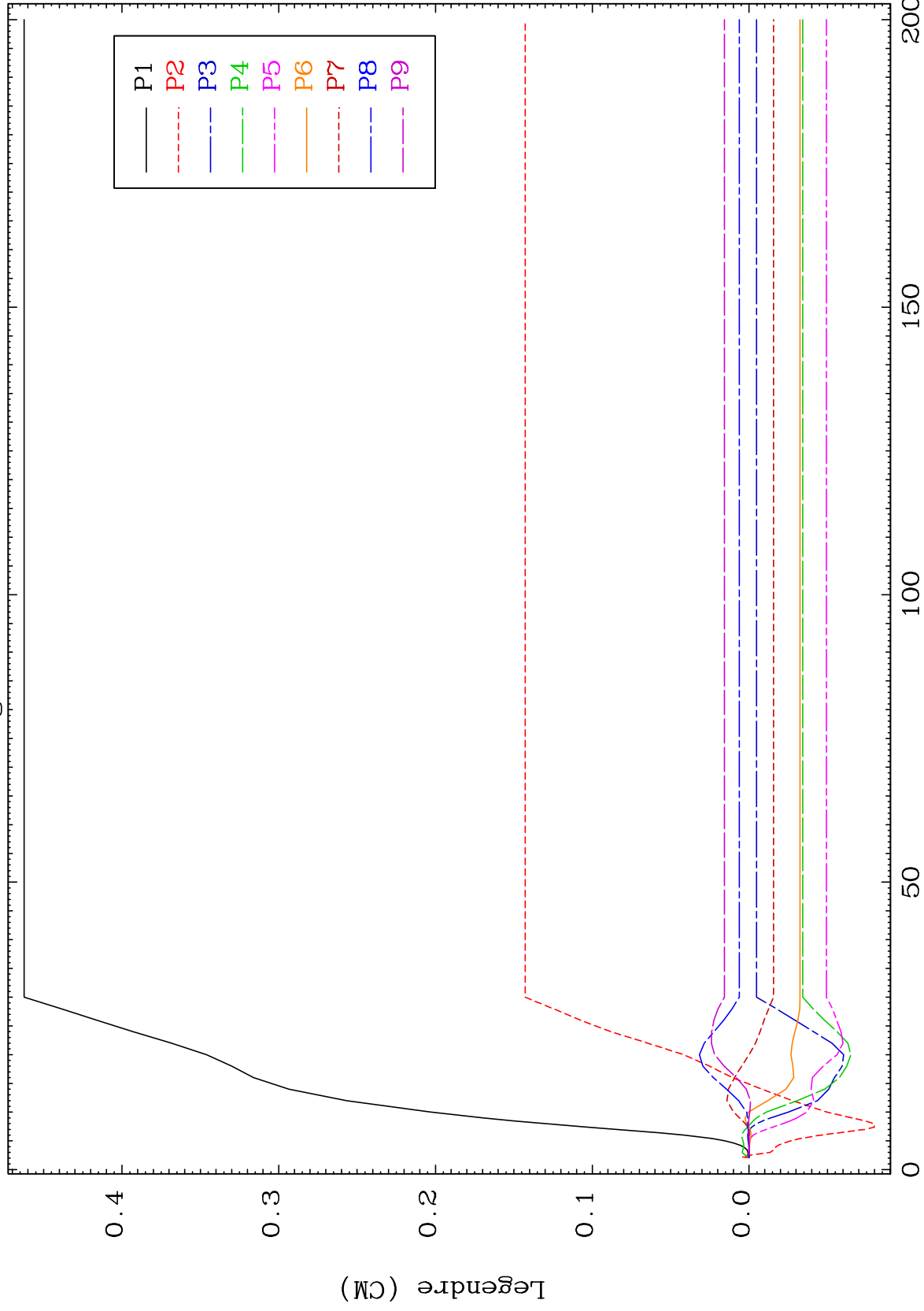


114

MAT 5452

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

54-Xe-133



54-Xe-133

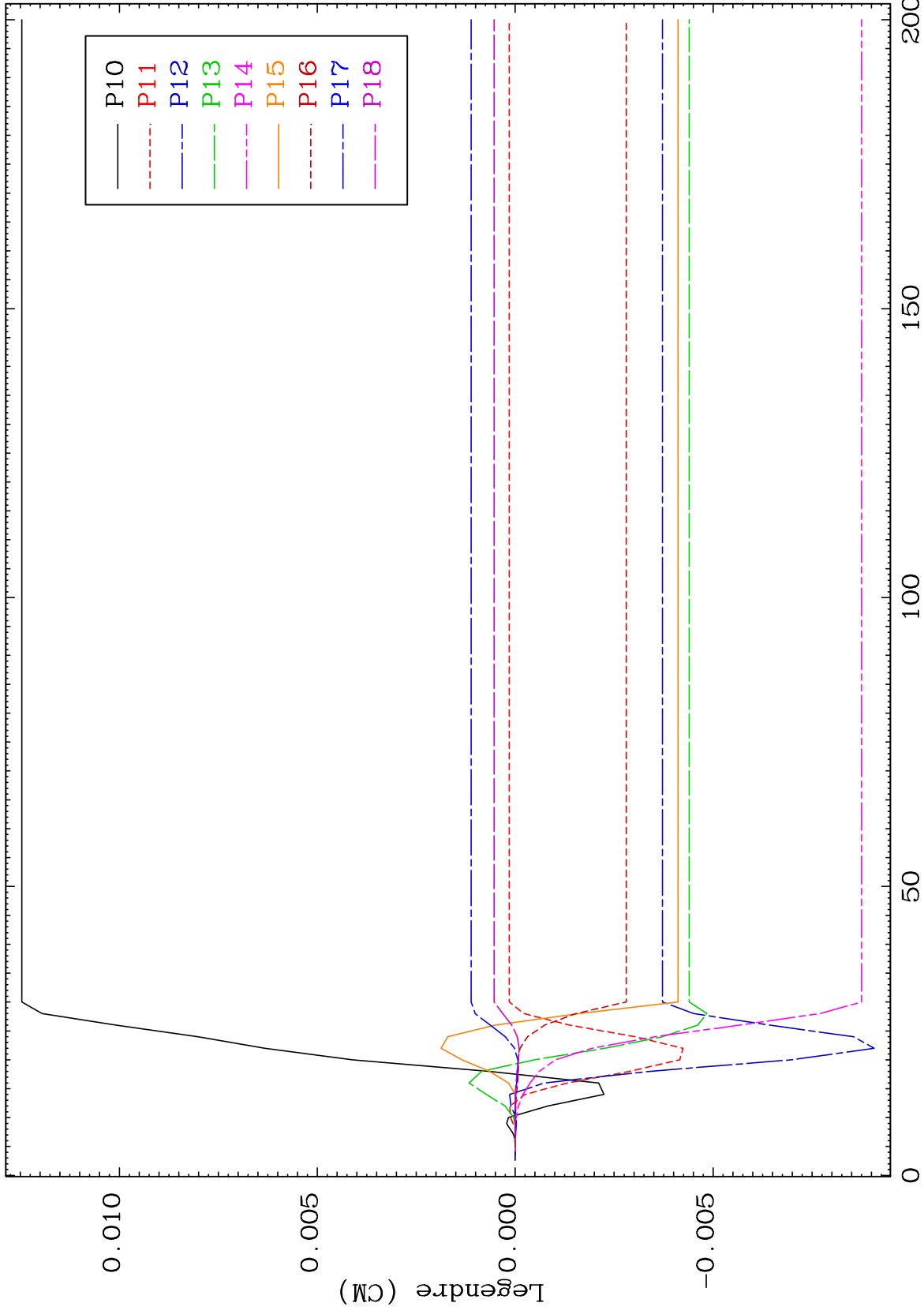
Incident Energy (MeV)

115

MAT 5452

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

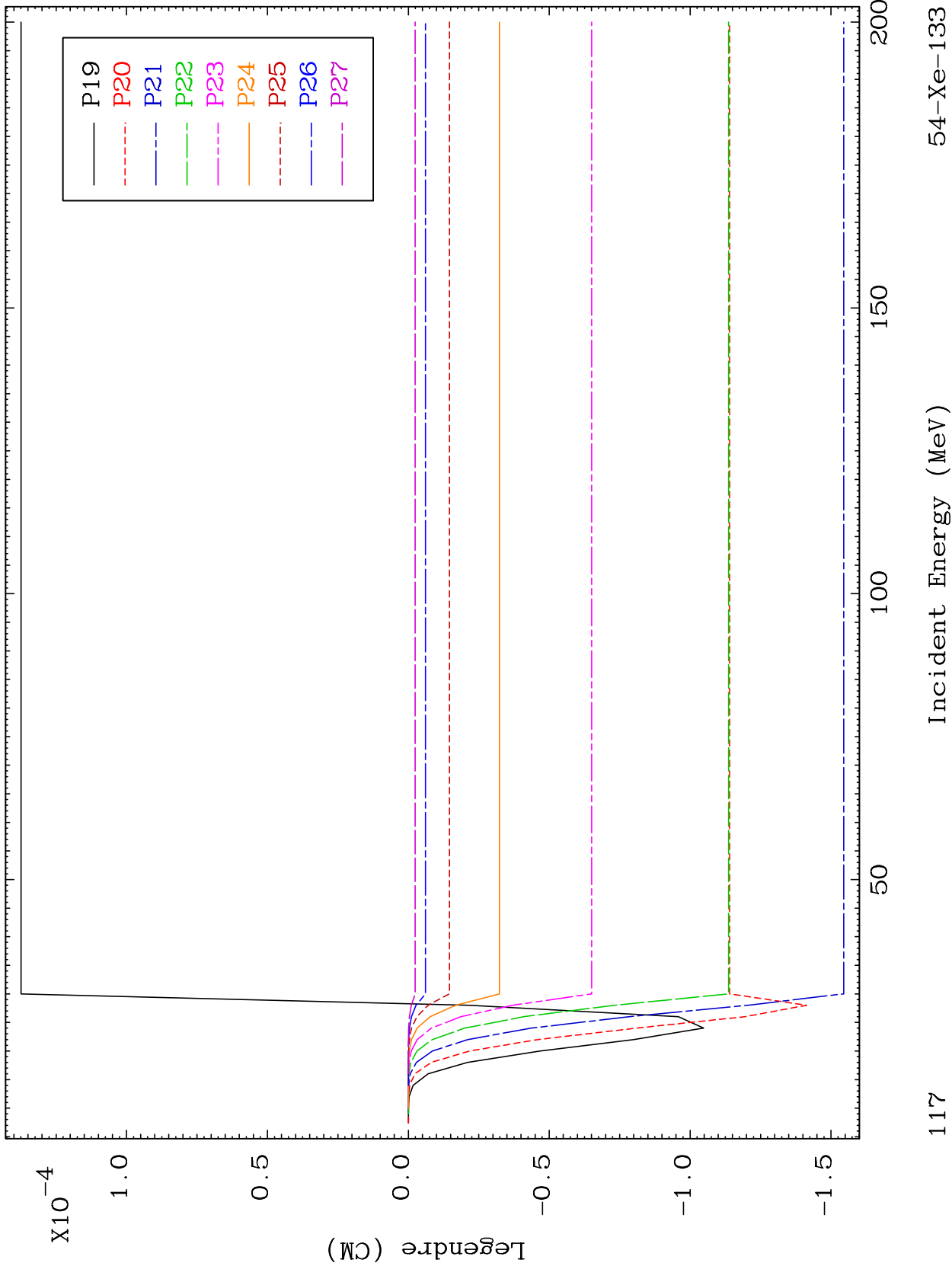
54-Xe-133



116

Incident Energy (MeV)

54-Xe-133

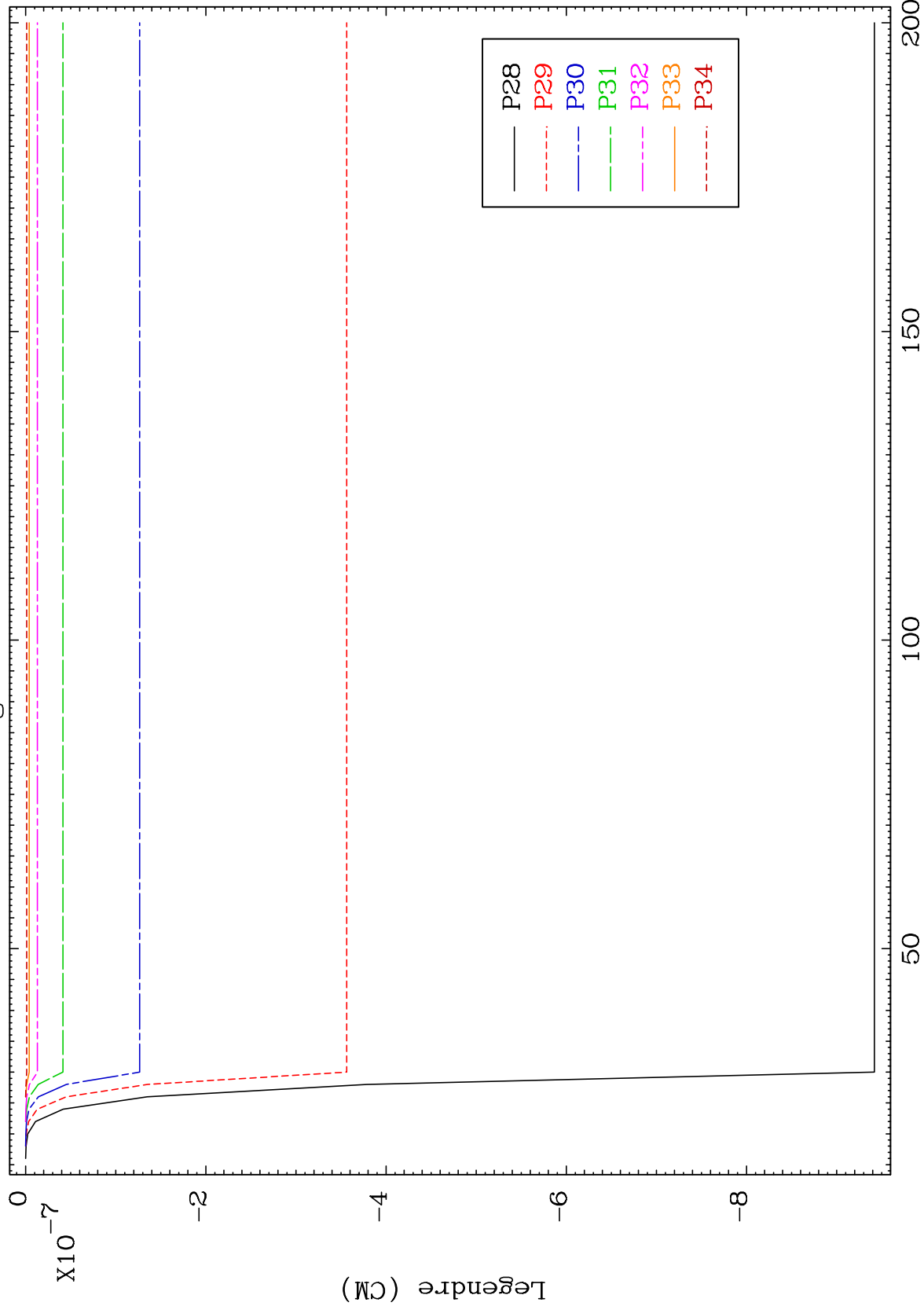


MAT 5452

MT= 75 (n,n') Level

54-Xe-133

Legendre Coefficients



118

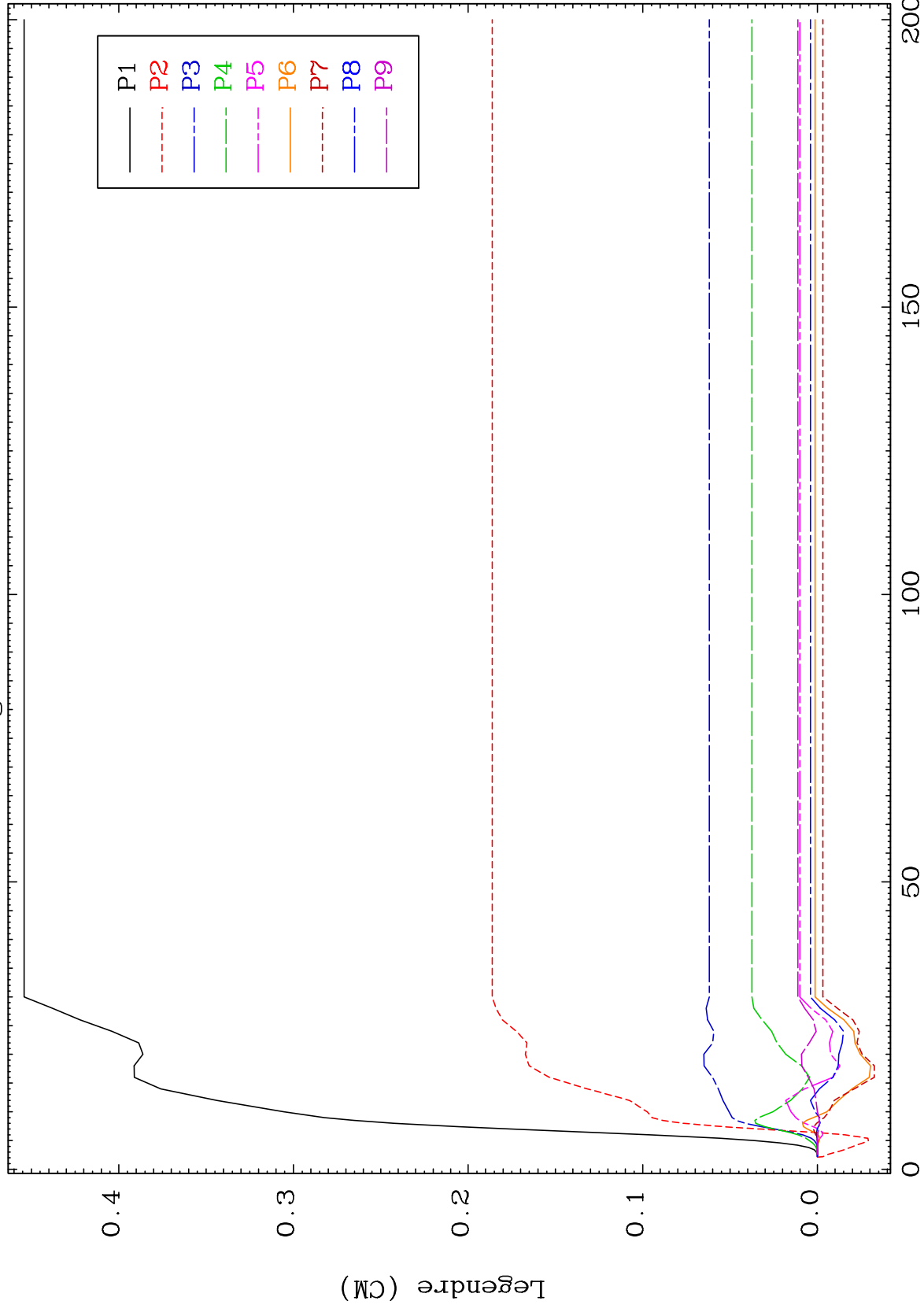
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

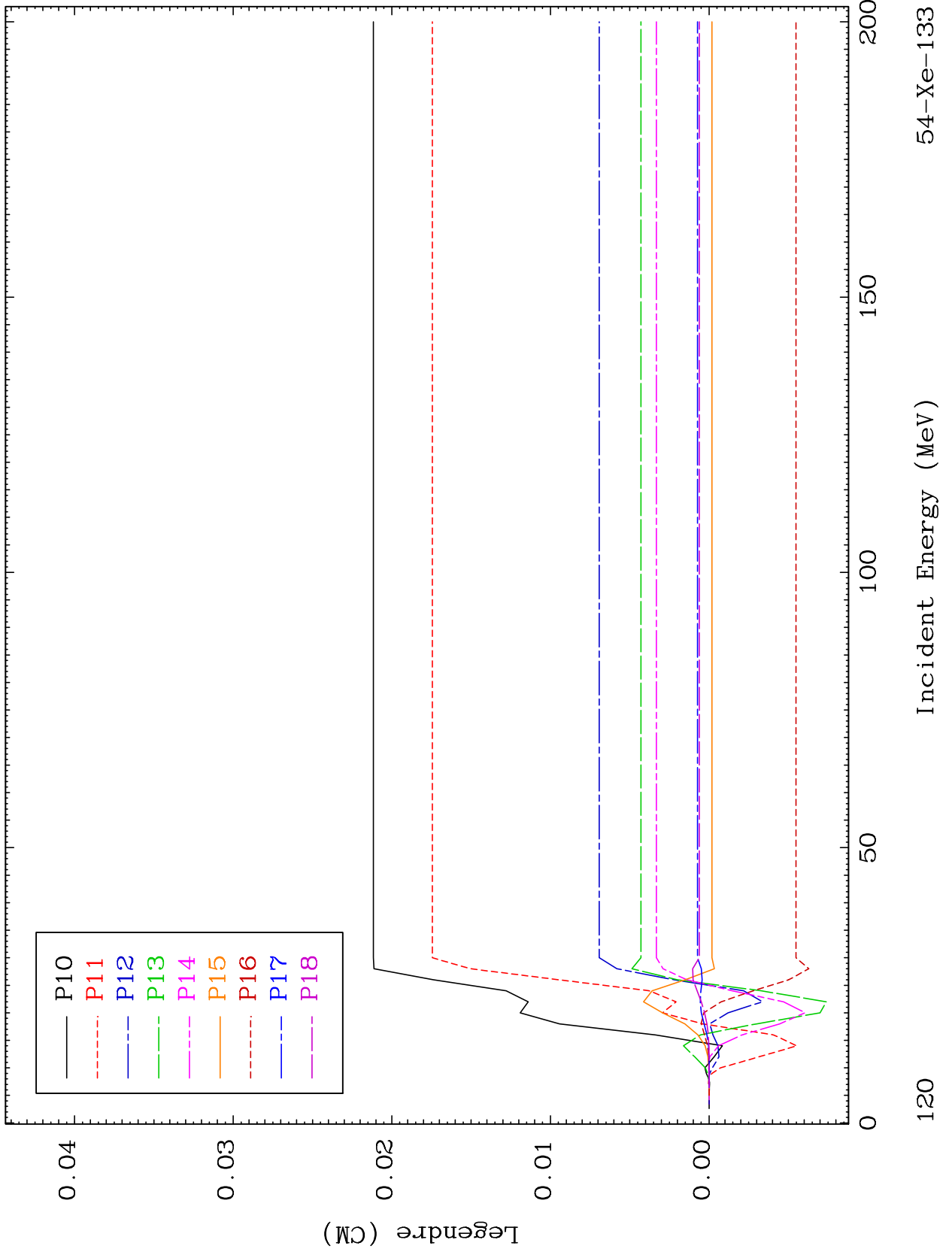
Incident Energy (MeV)

119

MAT 5452

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

54-Xe-133

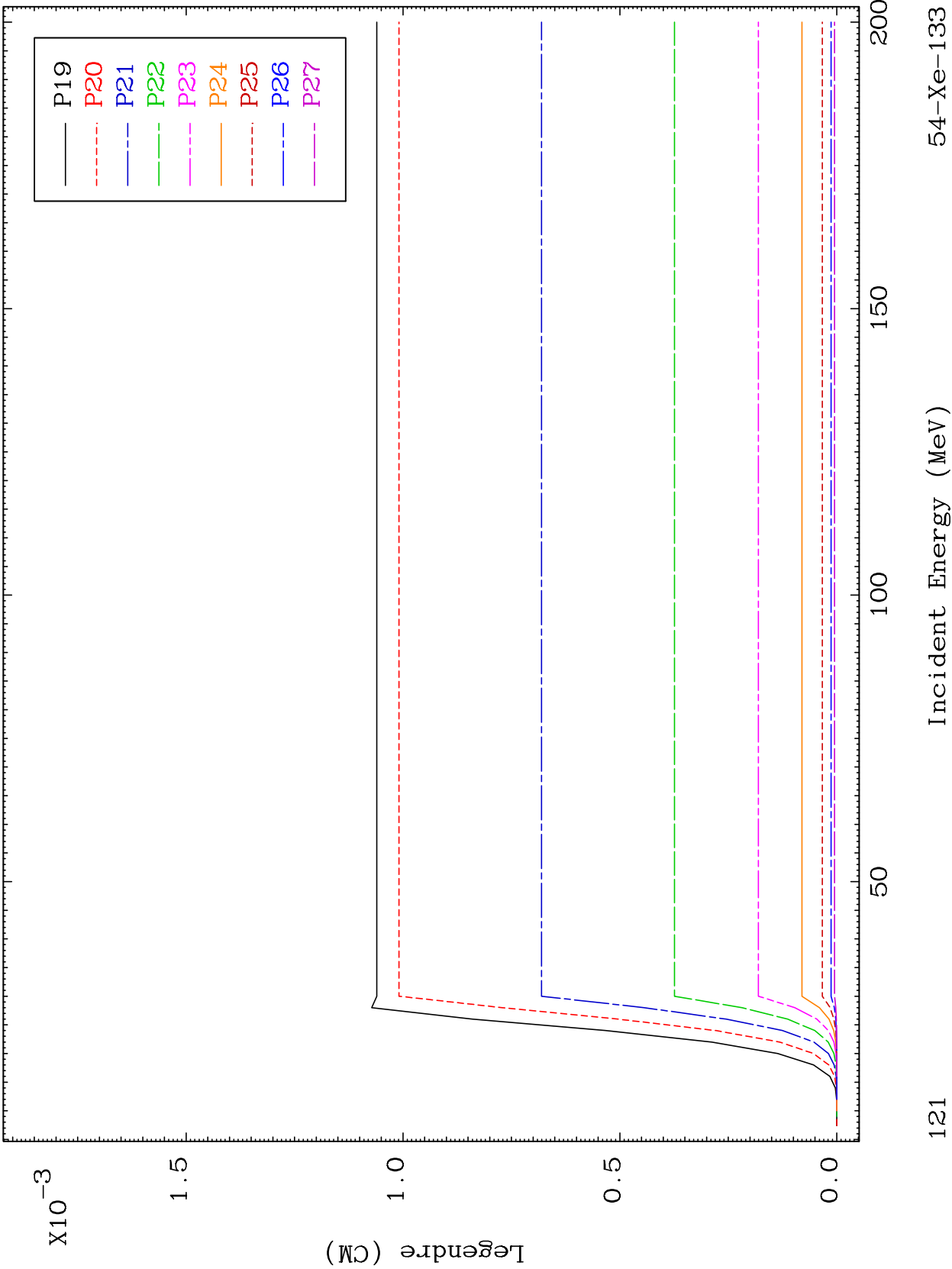


54-Xe-133

MAT 5452

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

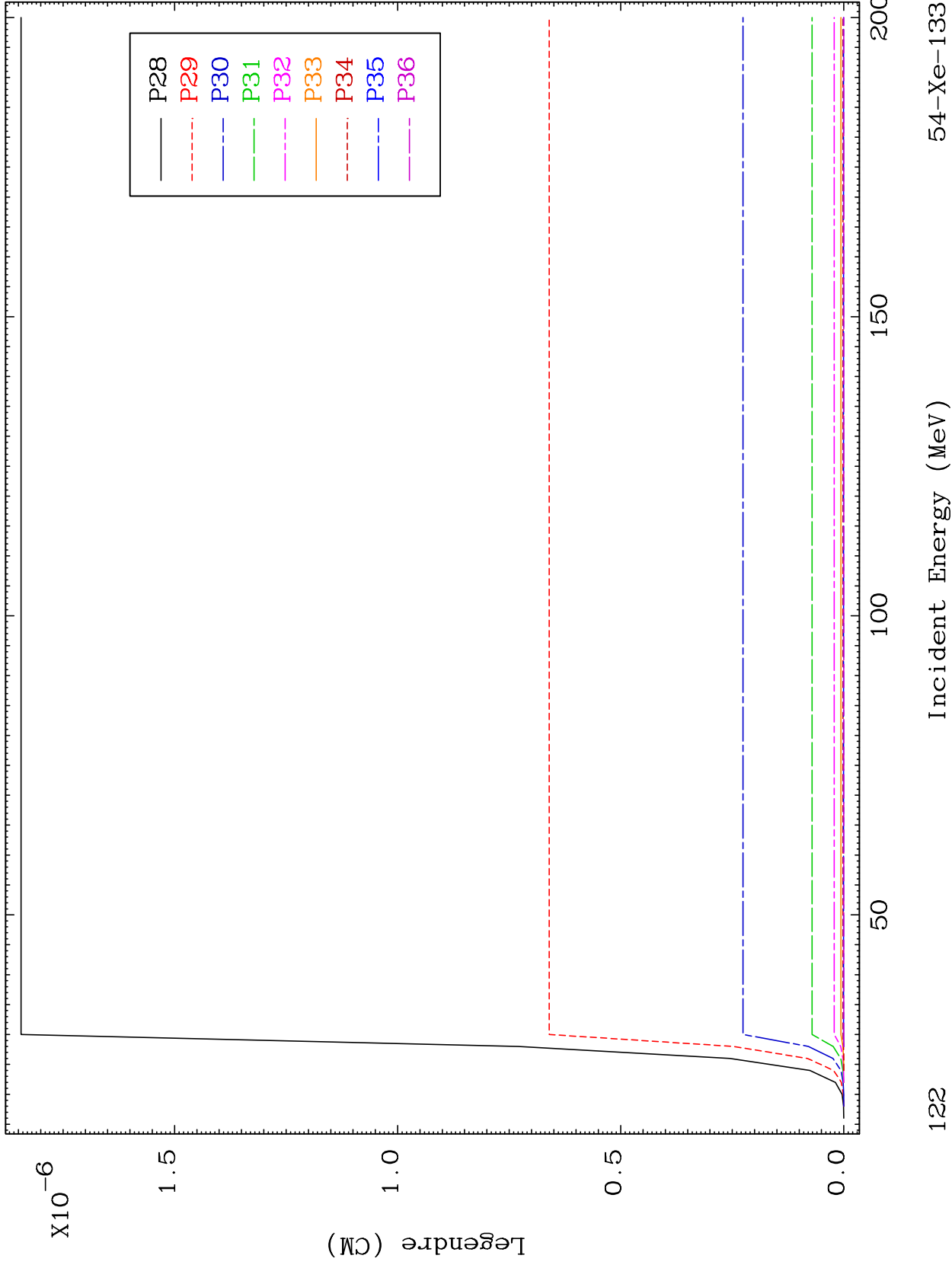
54-Xe-133



121

Incident Energy (MeV)

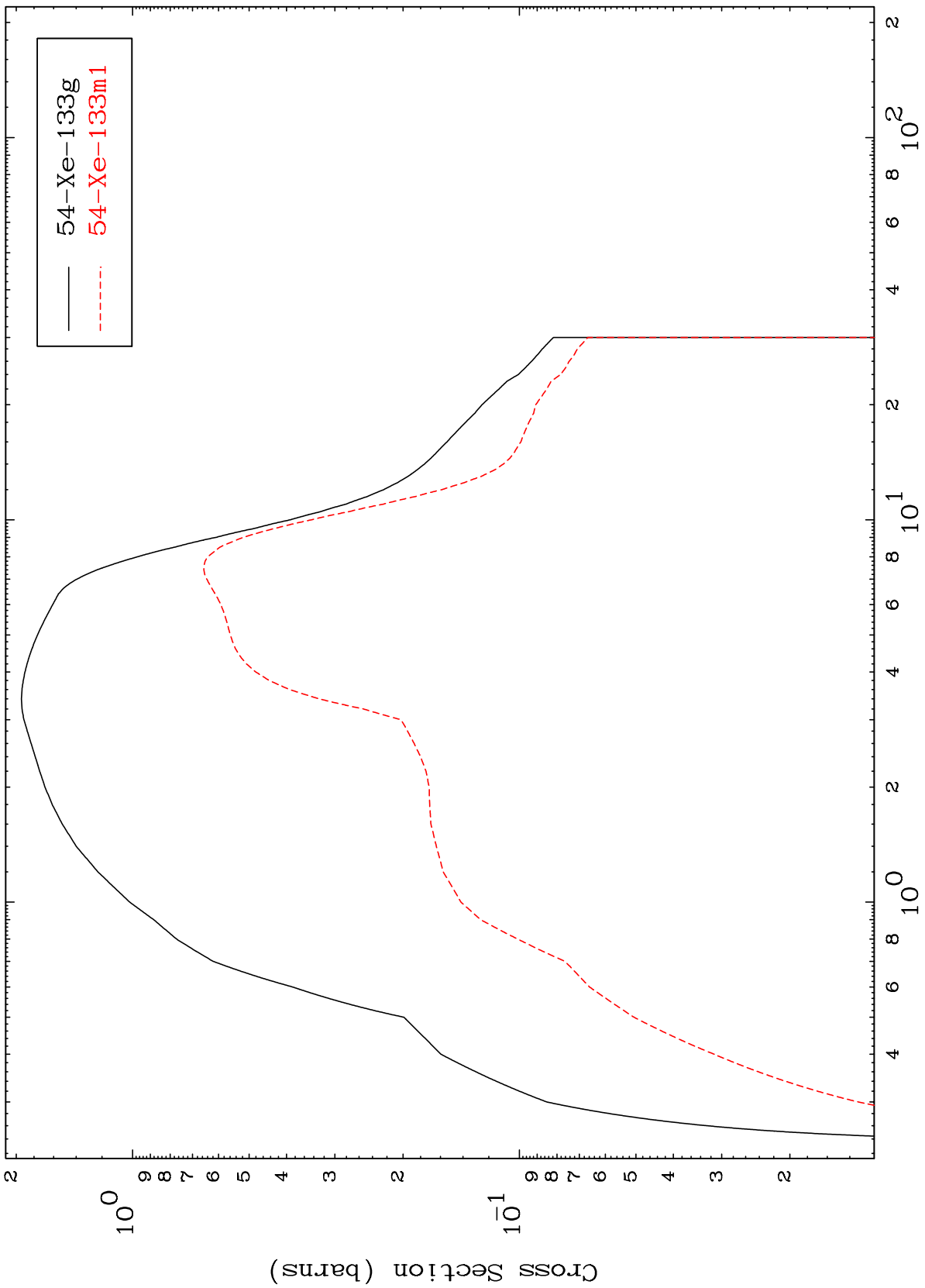
54-Xe-133



MAT 5452

54-Xe-133

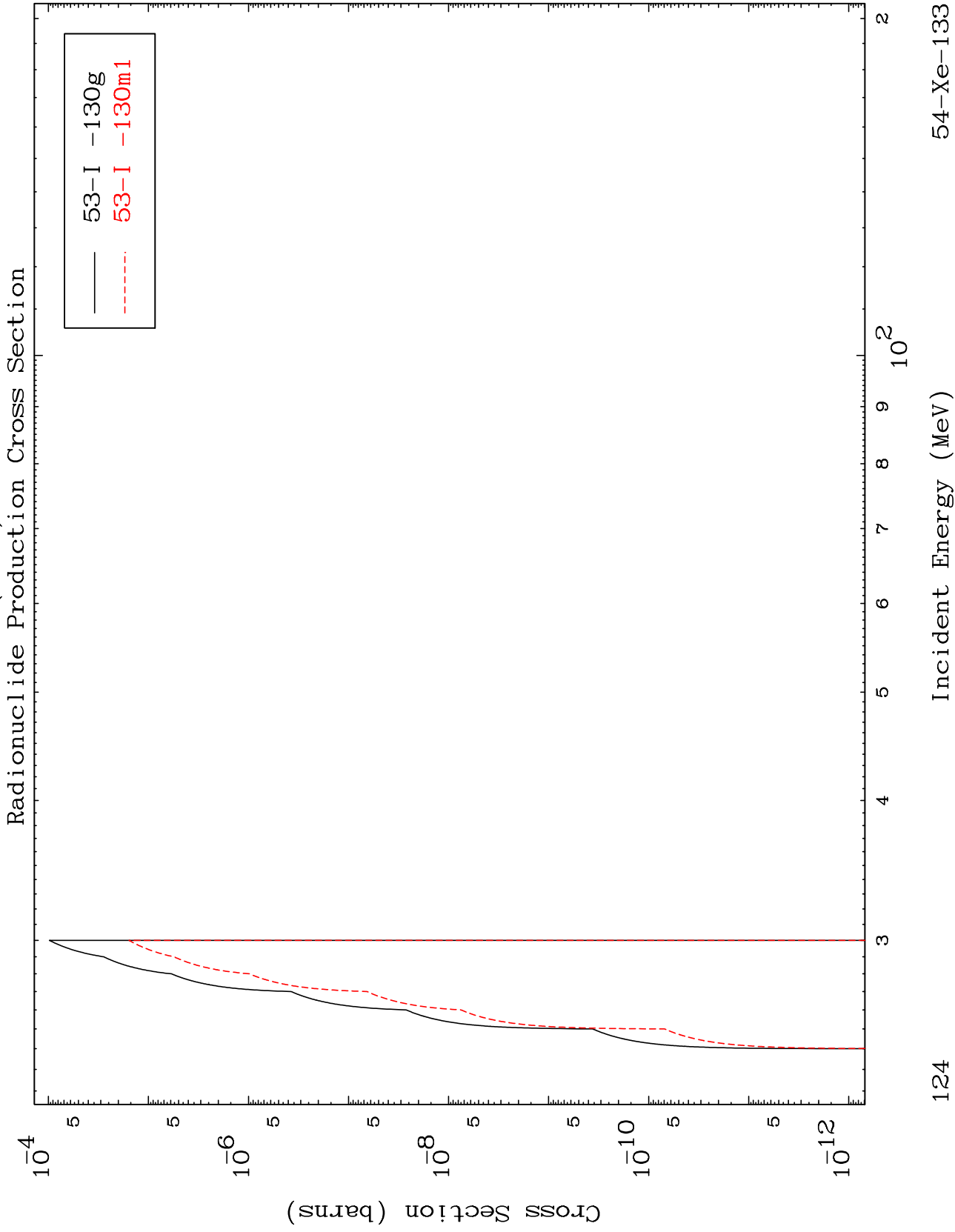
Inelastic
Radionuclide Production Cross Section



123

54-Xe-133

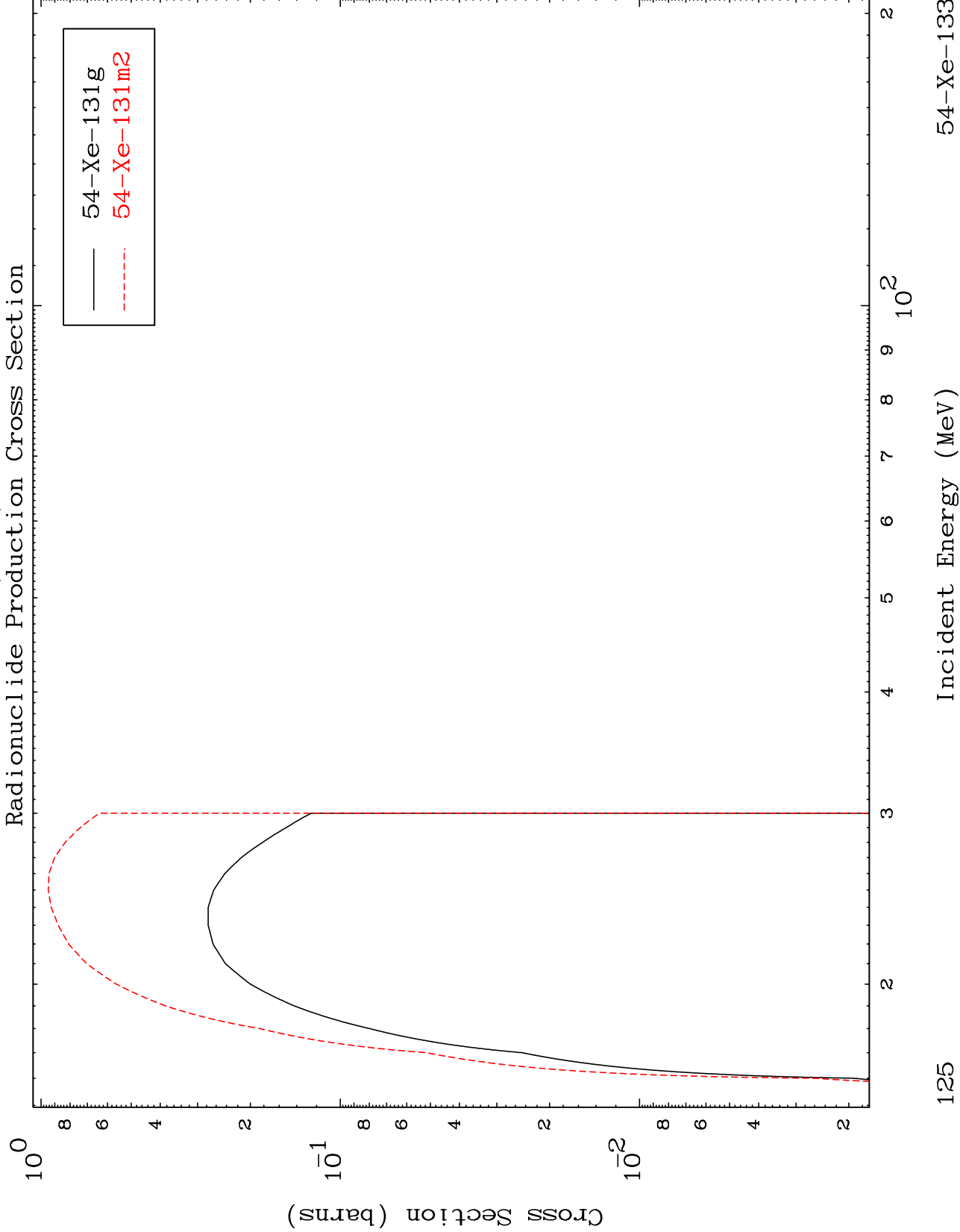
Incident Energy (MeV)



MAT 5452

(n,3n)

54-Xe-133



125

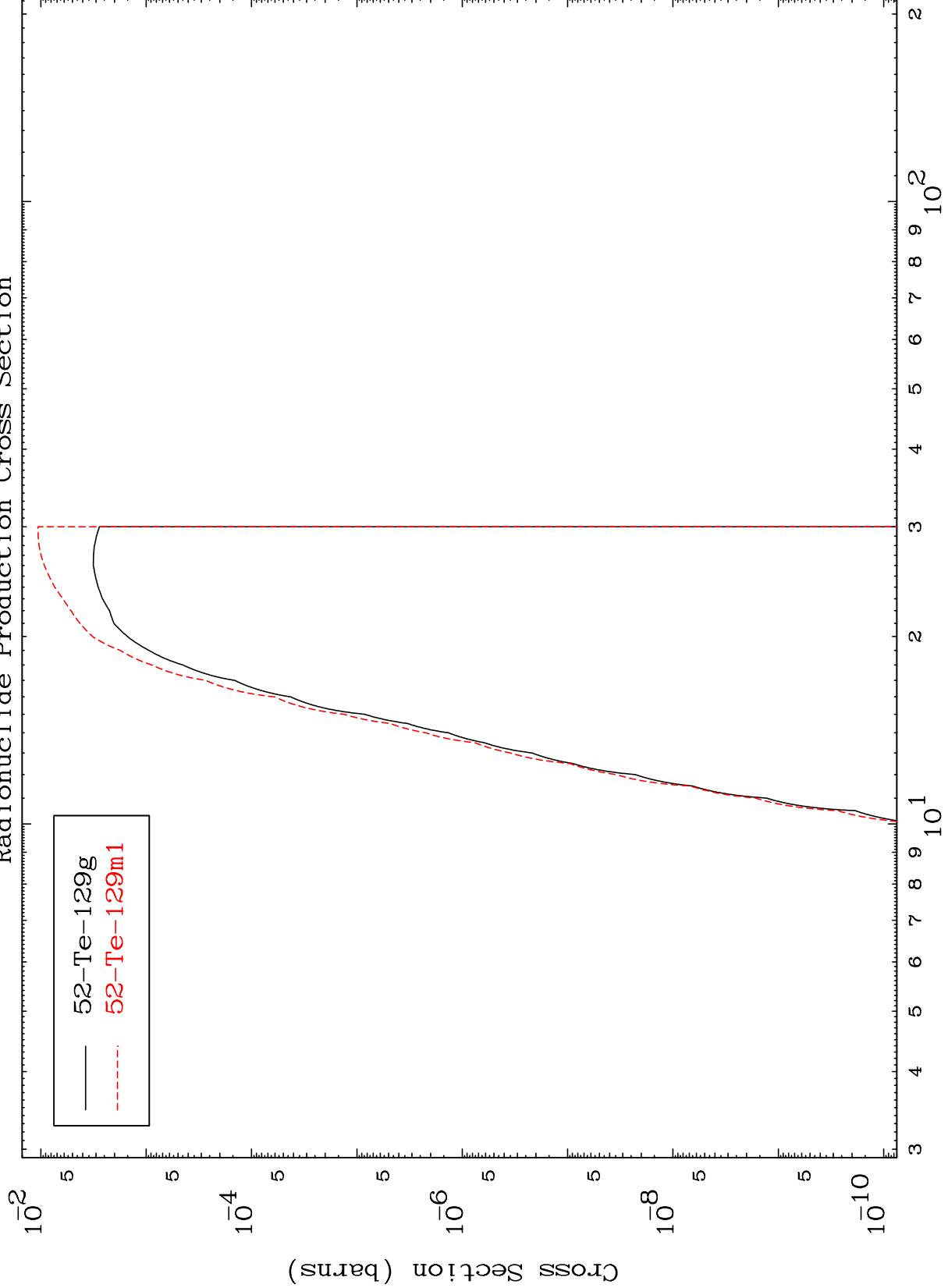
54-Xe-133

MAT 5452

54-Xe-133

(n,n') α

Radionuclide Production Cross Section



52-Te-129g
52-Te-129m1

54-Xe-133

Incident Energy (MeV)

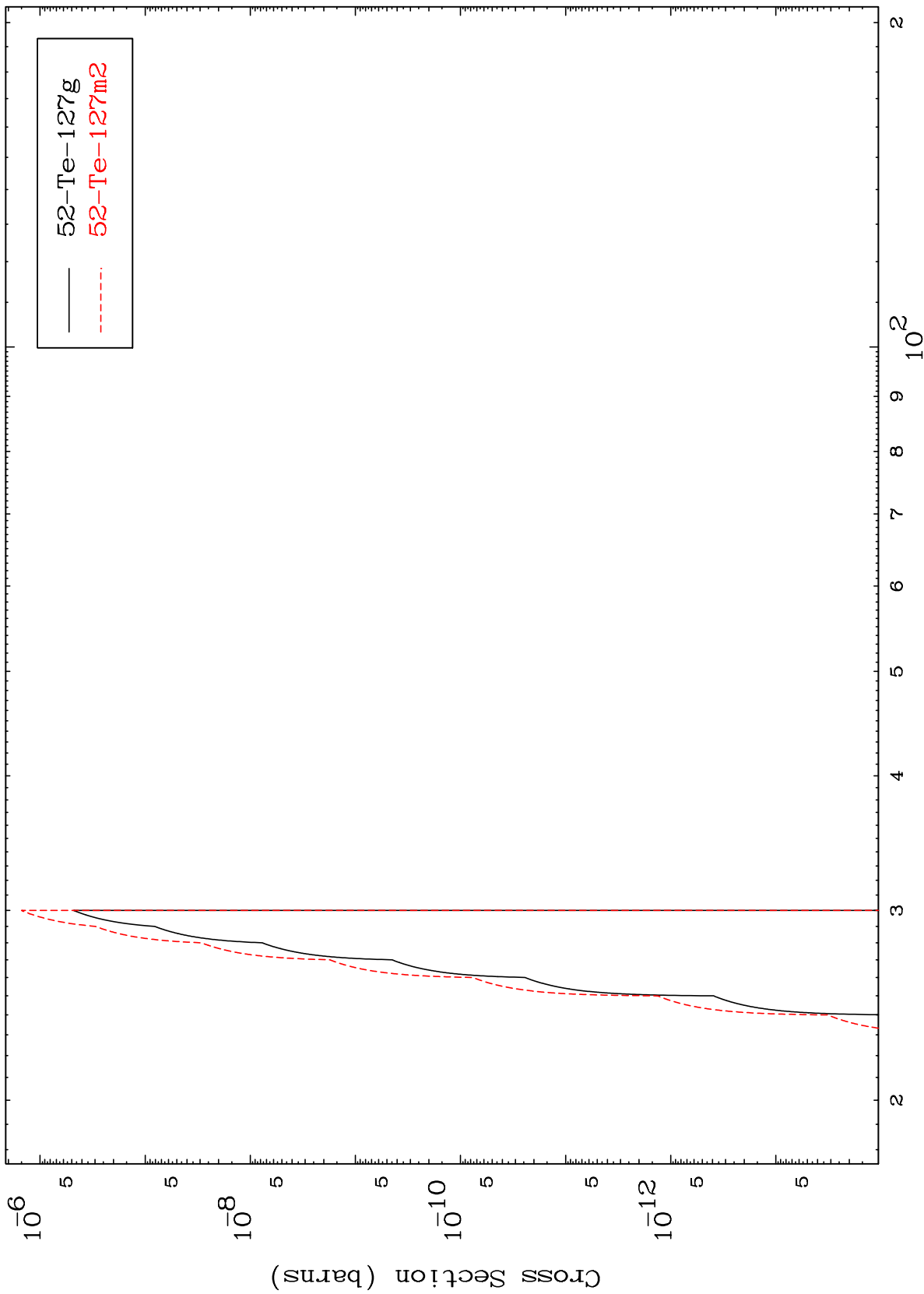
126

MAT 5452

(n,3n) α

54-Xe-133

Radionuclide Production Cross Section



127

Incident Energy (MeV)

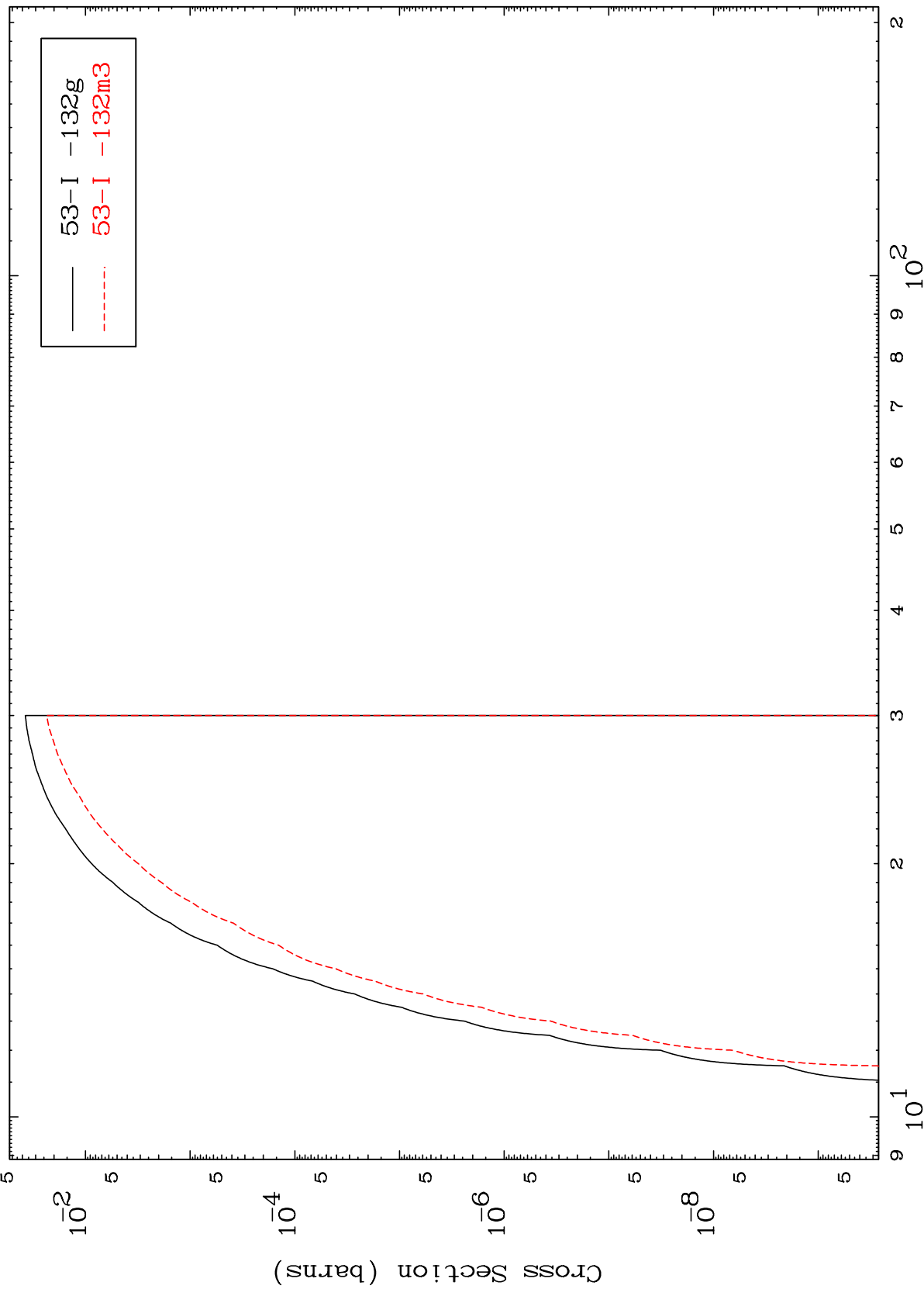
54-Xe-133

MAT 5452

(n,n') p

54-Xe-133

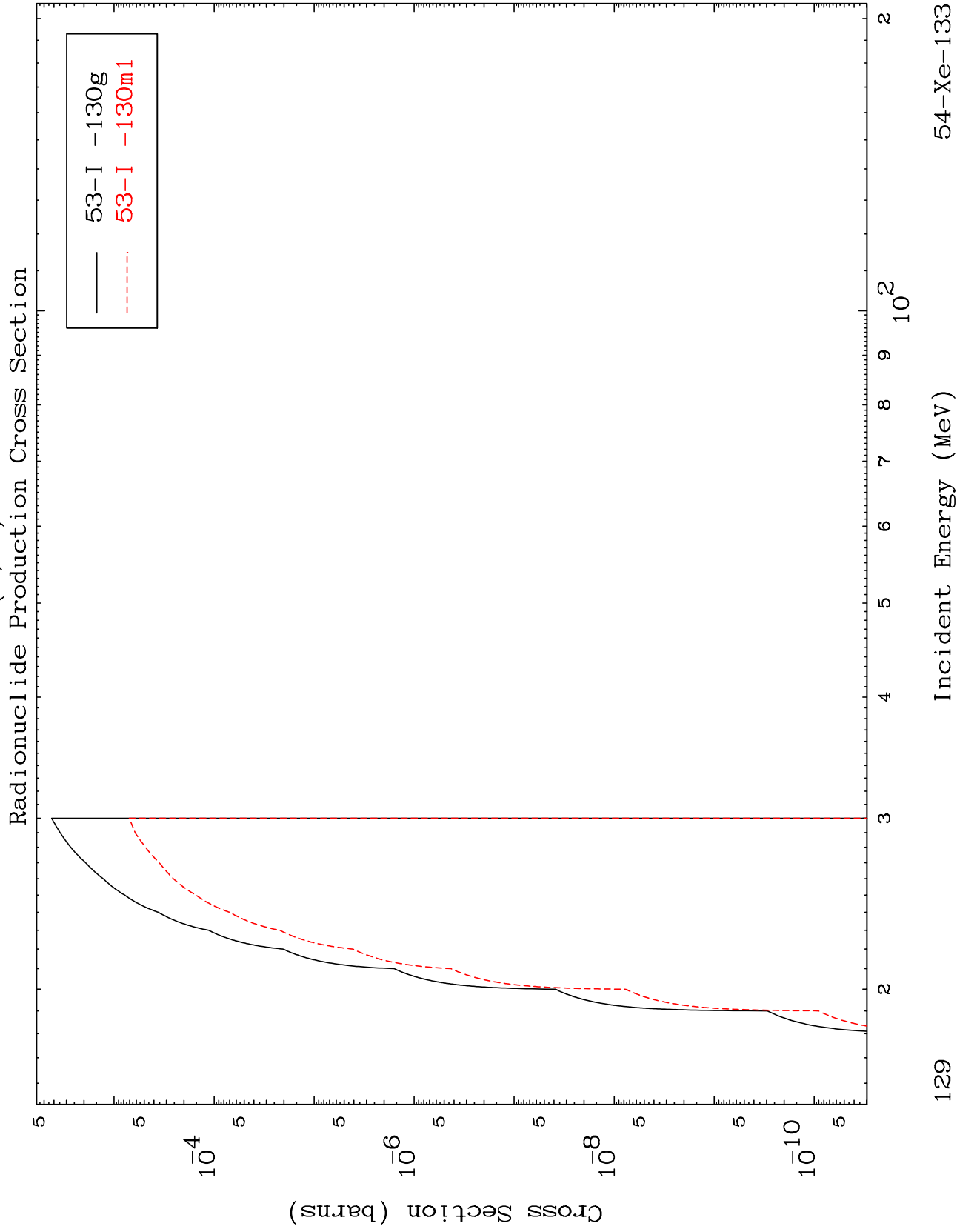
Radionuclide Production Cross Section



128

Incident Energy (MeV)

54-Xe-133

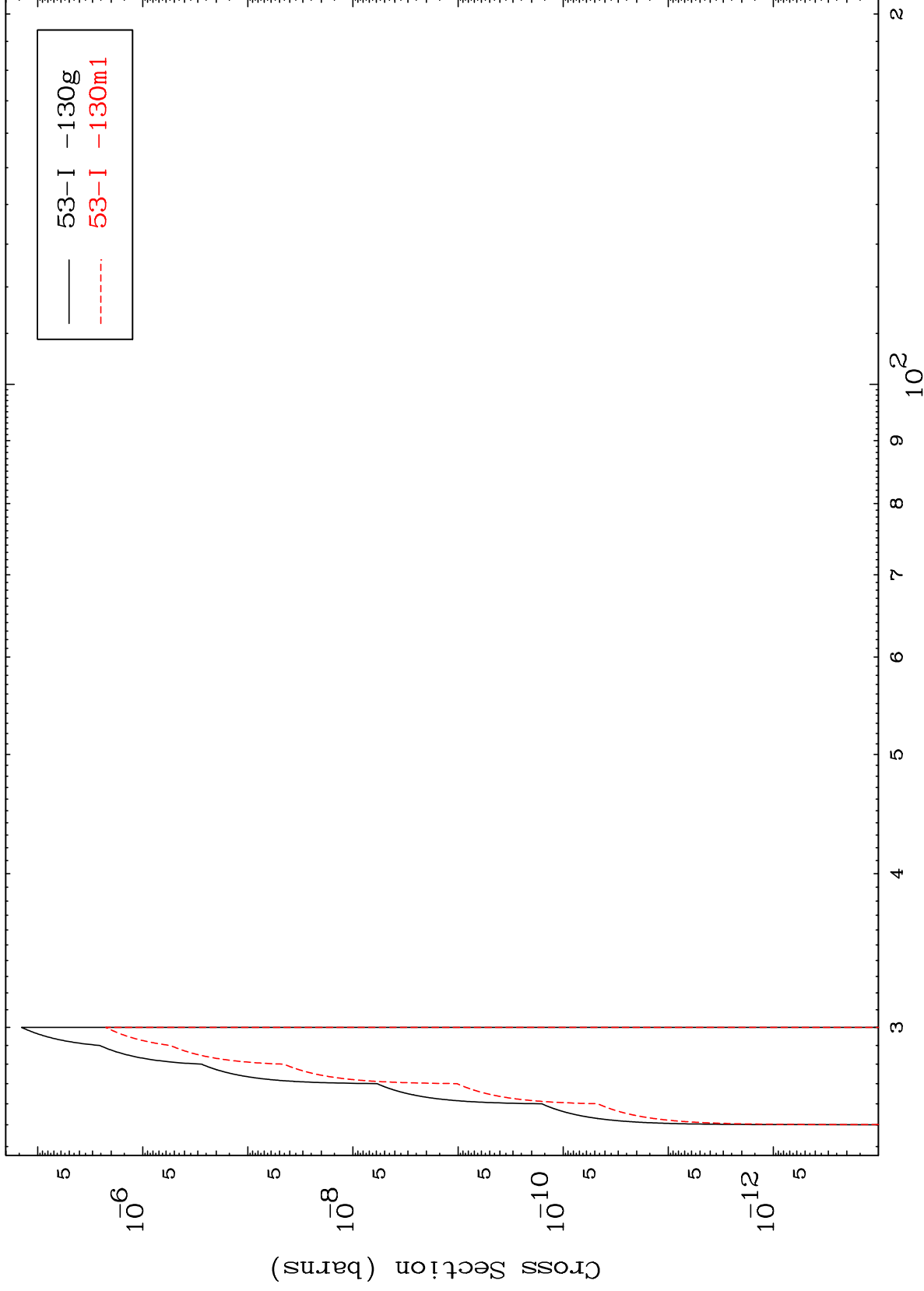


MAT 5452

(n,3n) p

54-Xe-133

Radionuclide Production Cross Section



130

Incident Energy (MeV)

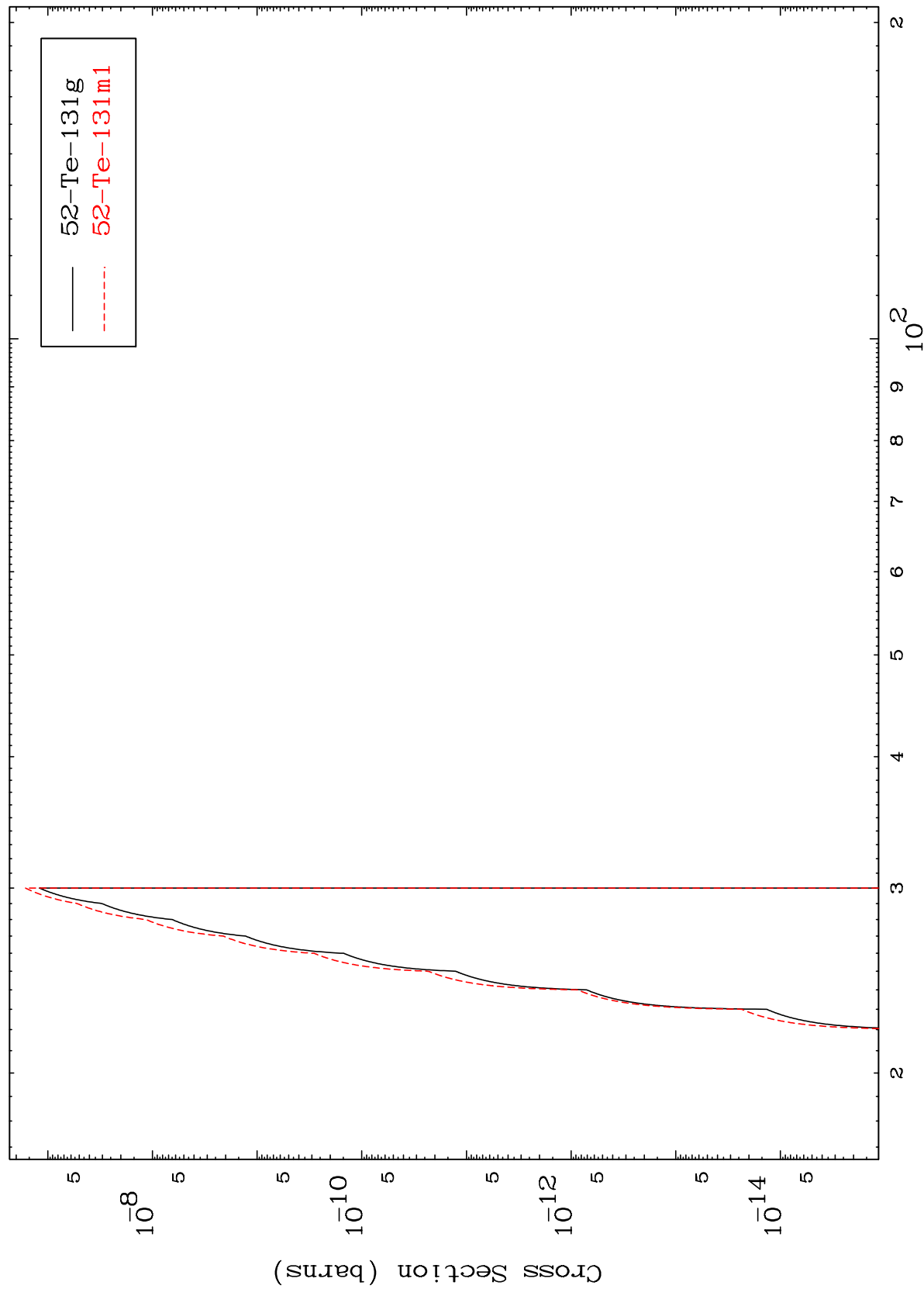
54-Xe-133

MAT 5452

(n,2n) p

54-Xe-133

Radionuclide Production Cross Section

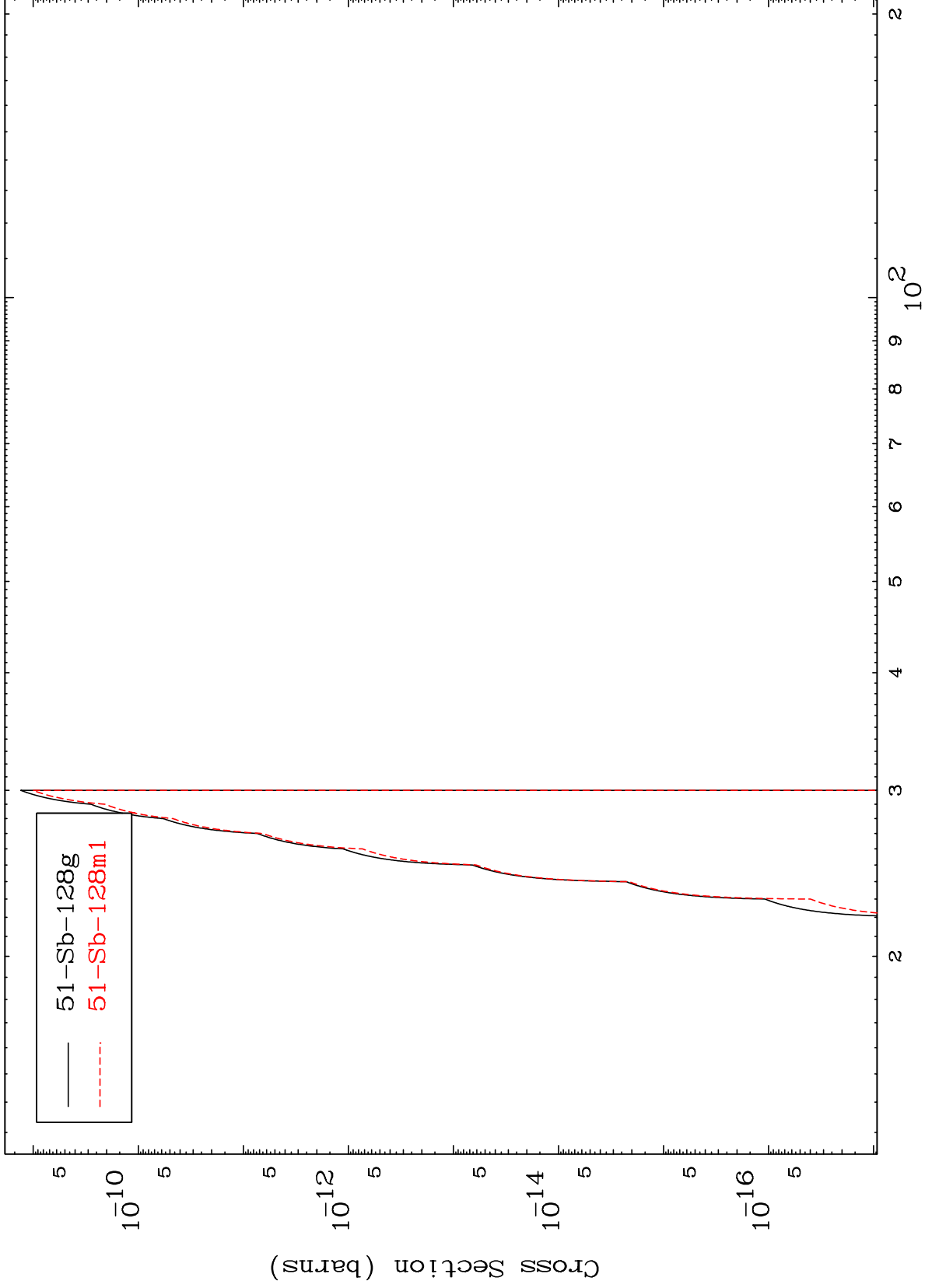


131

Incident Energy (MeV)

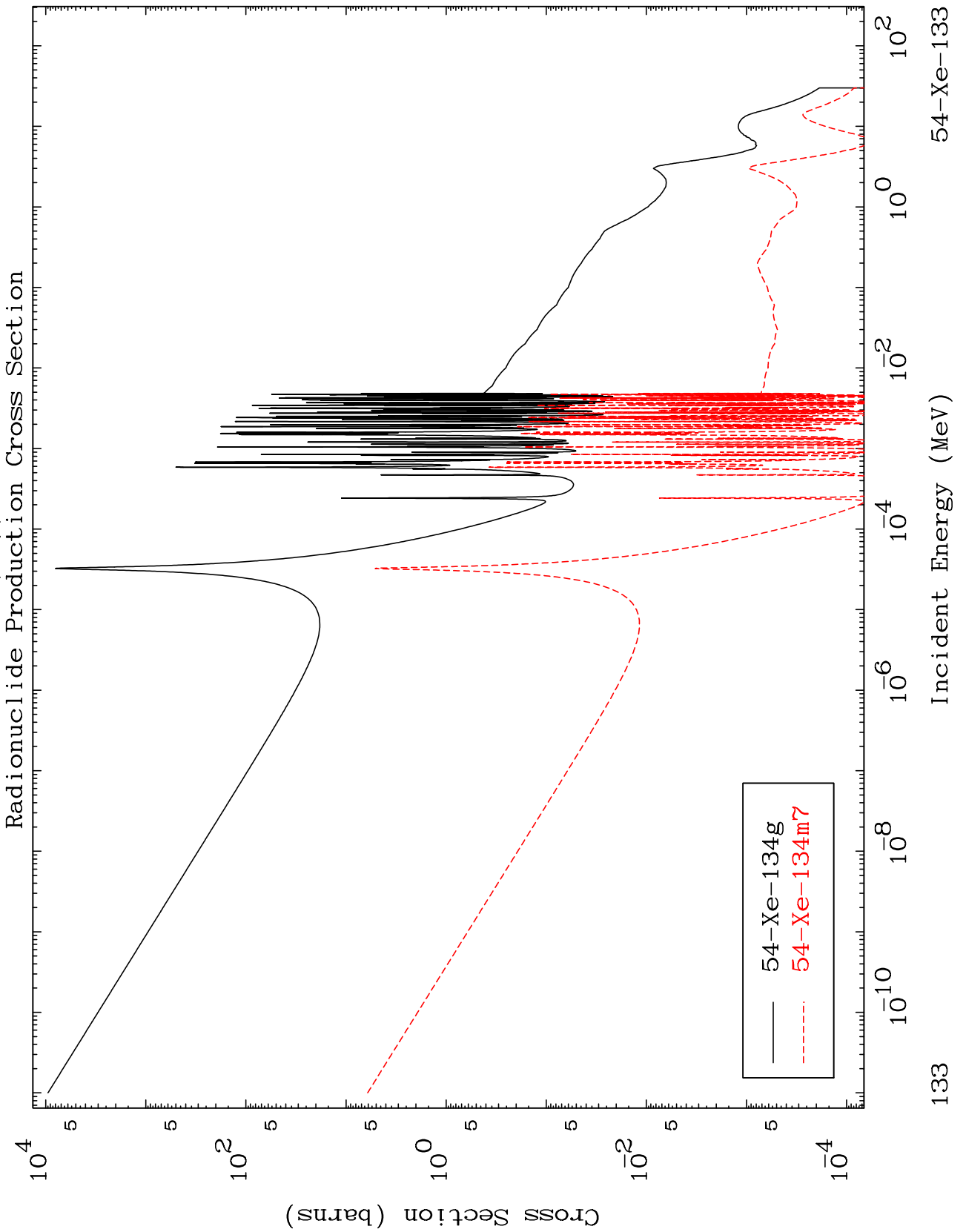
54-Xe-133

Radionuclide Production Cross Section



MAT 5452

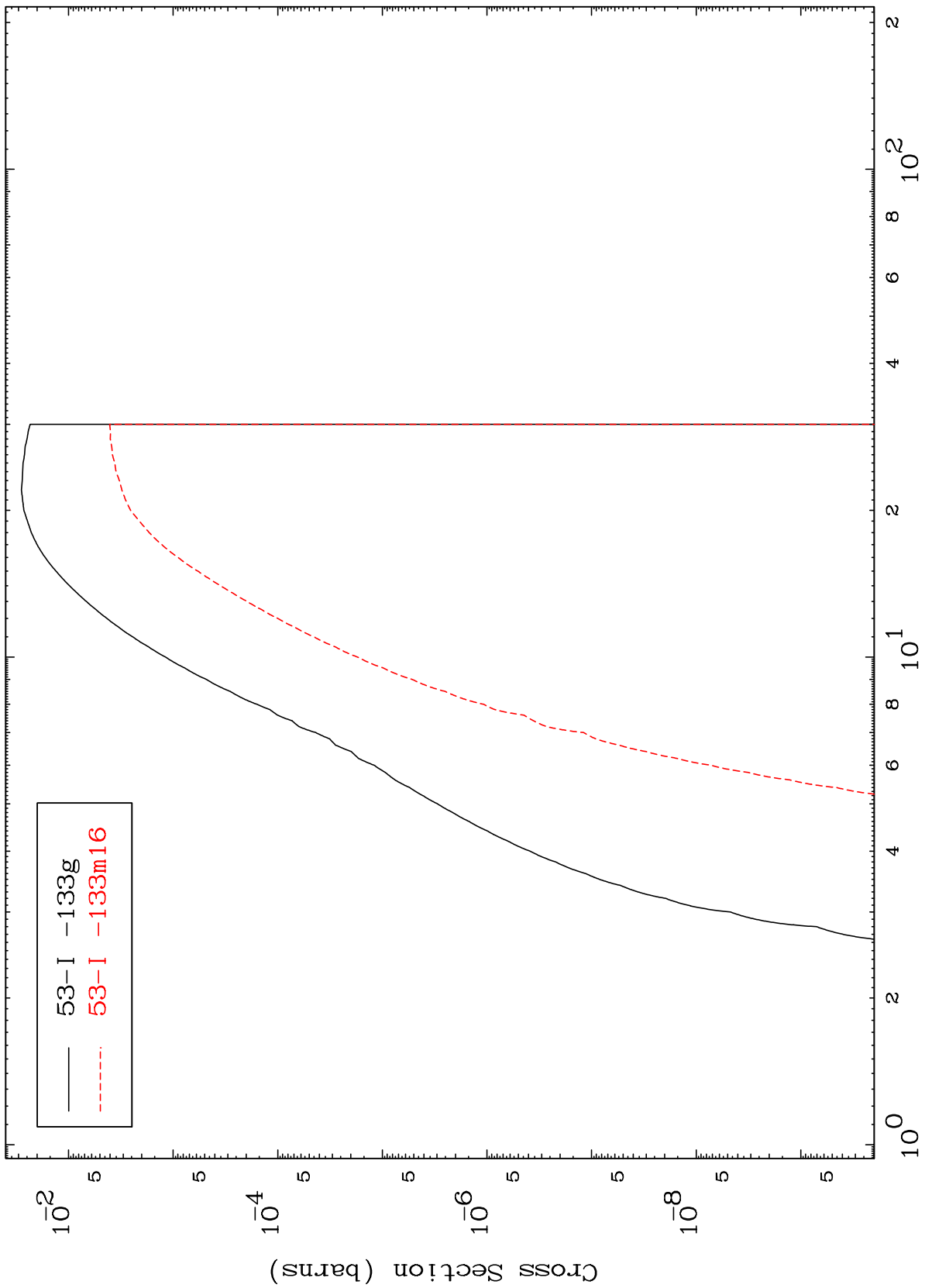
54-Xe-133



MAT 5452

54-Xe-133

(n,p)
Radionuclide Production Cross Section



Incident Energy (MeV)

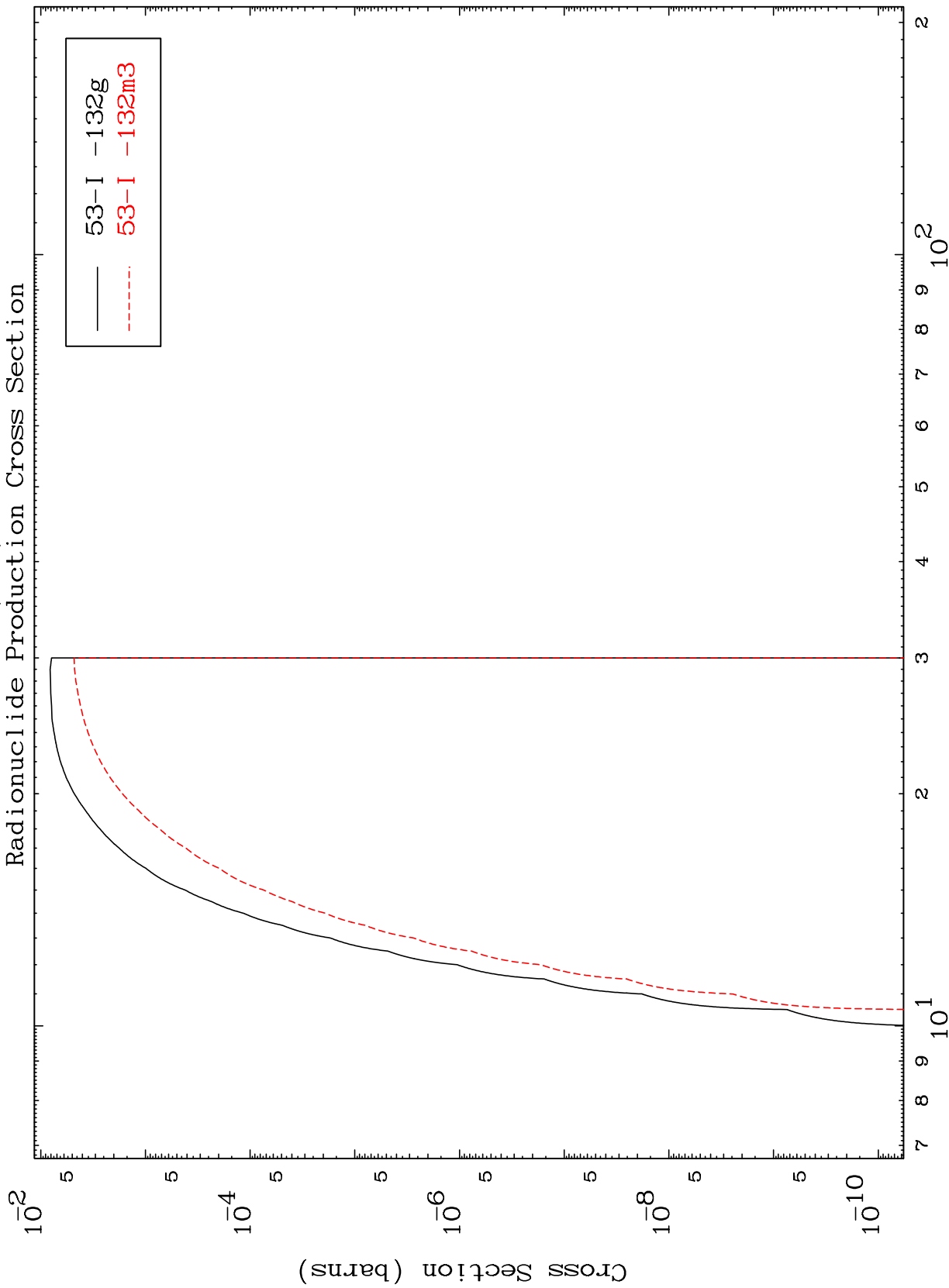
54-Xe-133

134

MAT 5452

54-Xe-133

(n,d)
Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-133

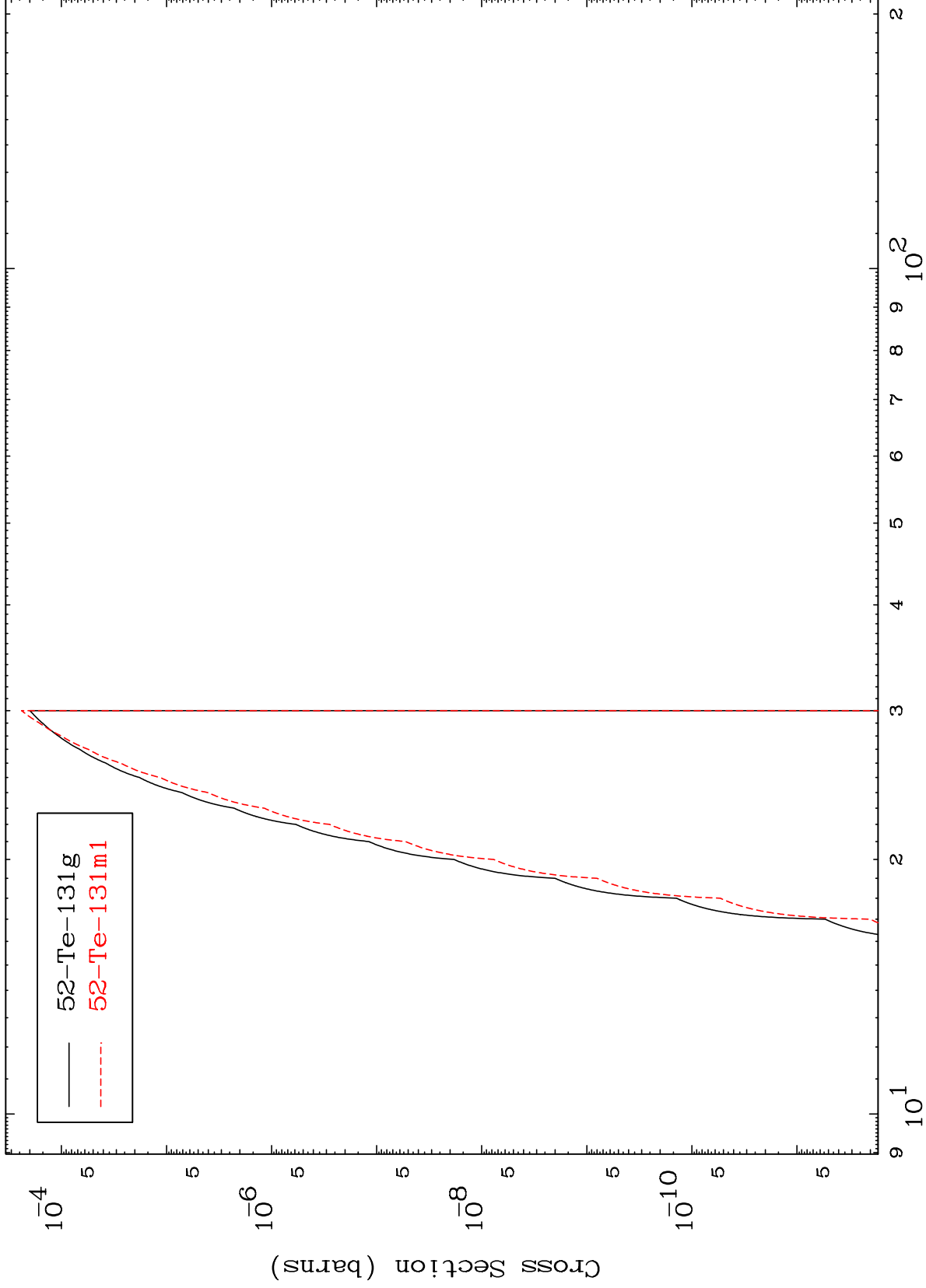
135

MAT 5452

(n,He-3)

54-Xe-133

Radionuclide Production Cross Section



136

Incident Energy (MeV)

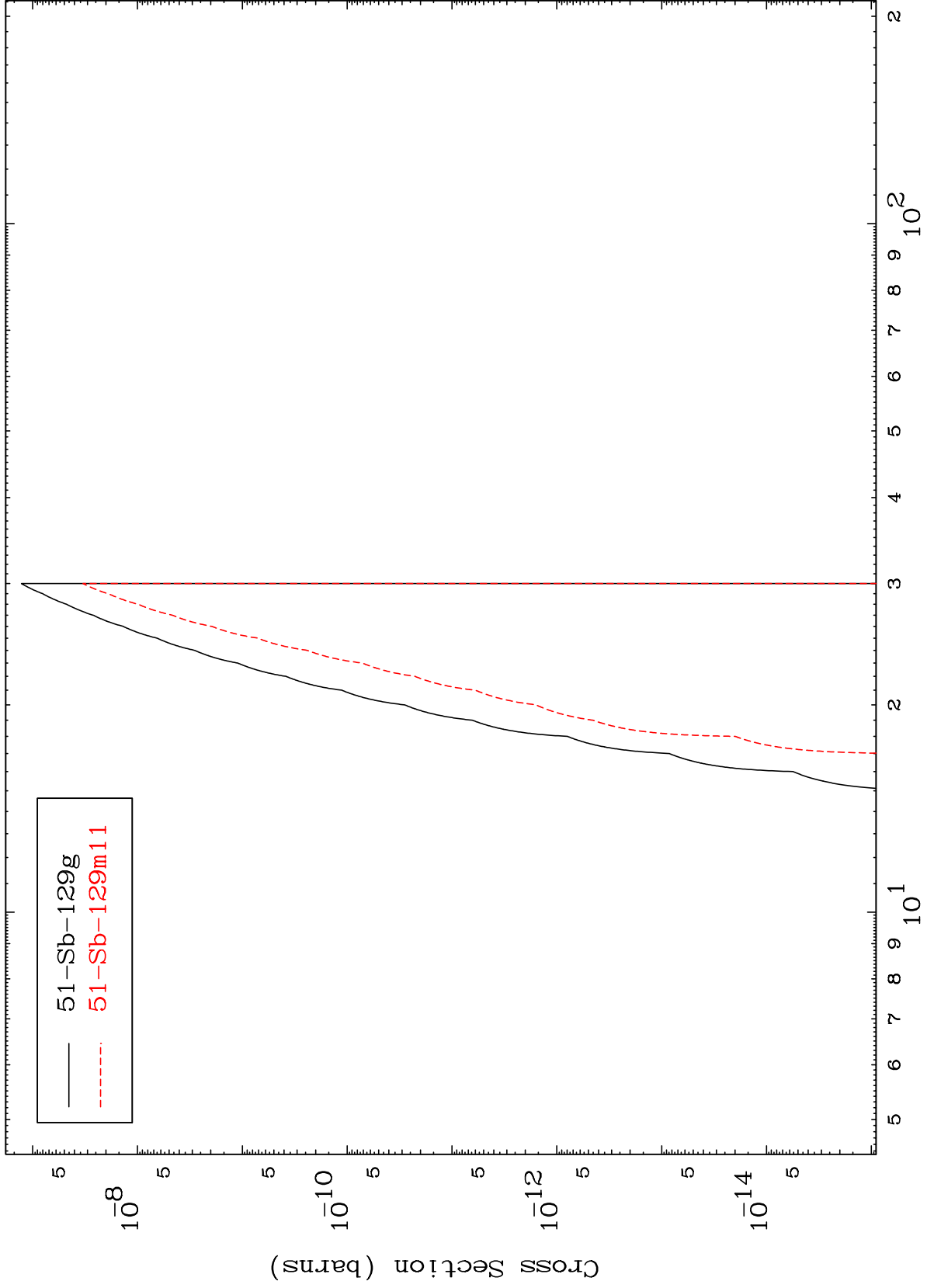
54-Xe-133

MAT 5452

(n,p) α

54-Xe-133

Radionuclide Production Cross Section



137

Incident Energy (MeV)

54-Xe-133

