

Program EVALPLOT
(Version 2021-1)

by

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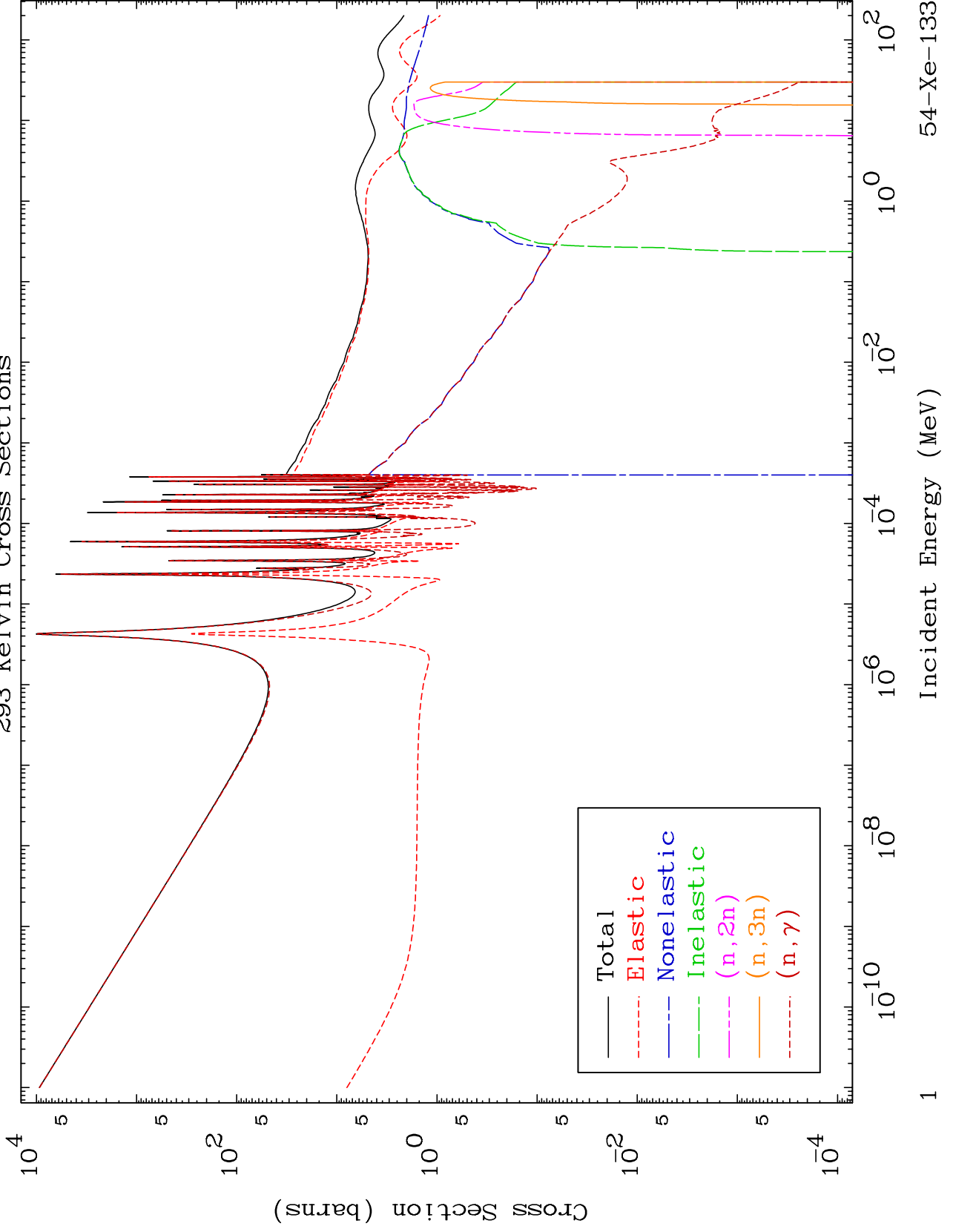
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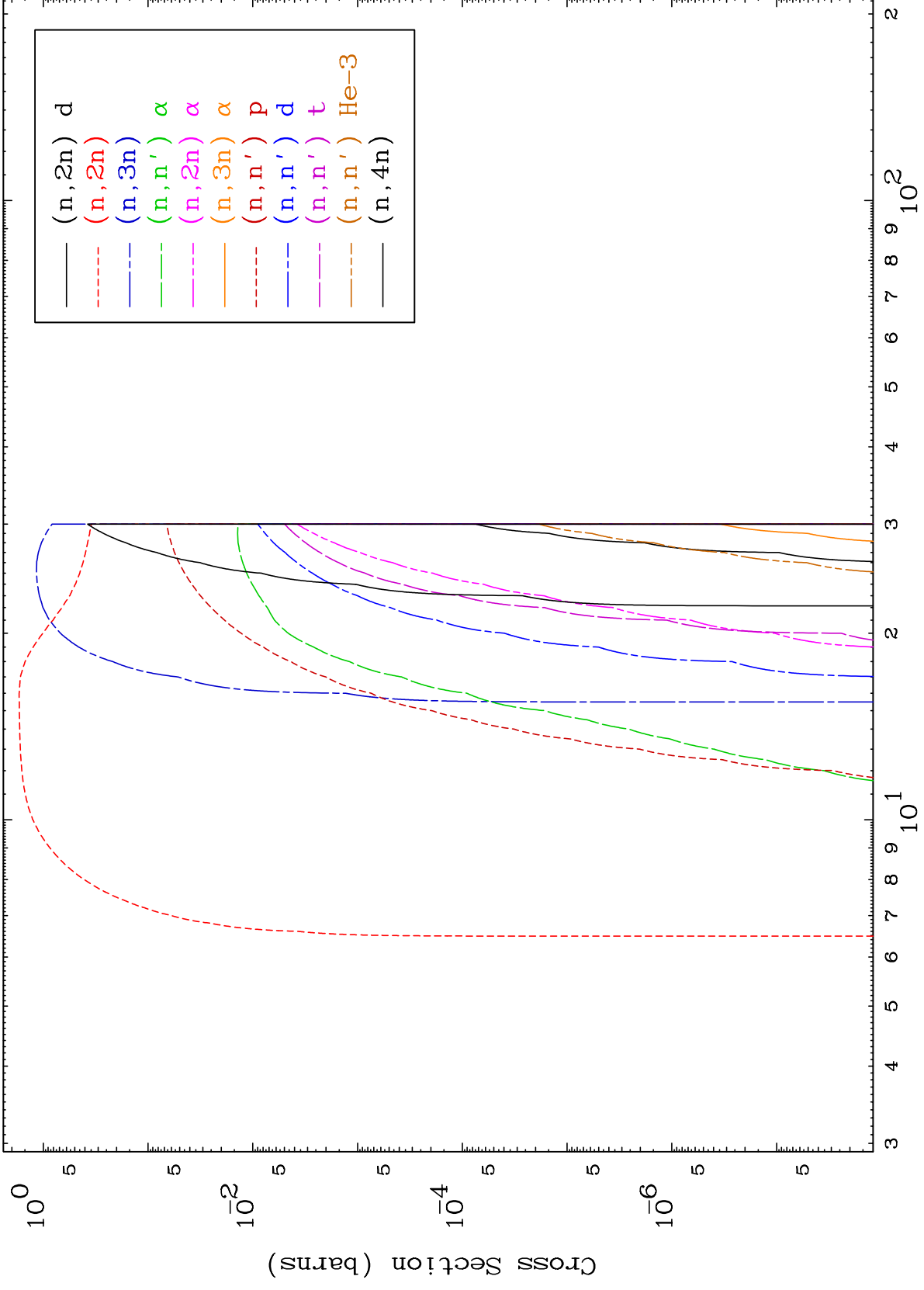
Press Mouse Button to Start

MAT 5452

Neutron Major
293 Kelvin Cross Sections

54-Xe-133

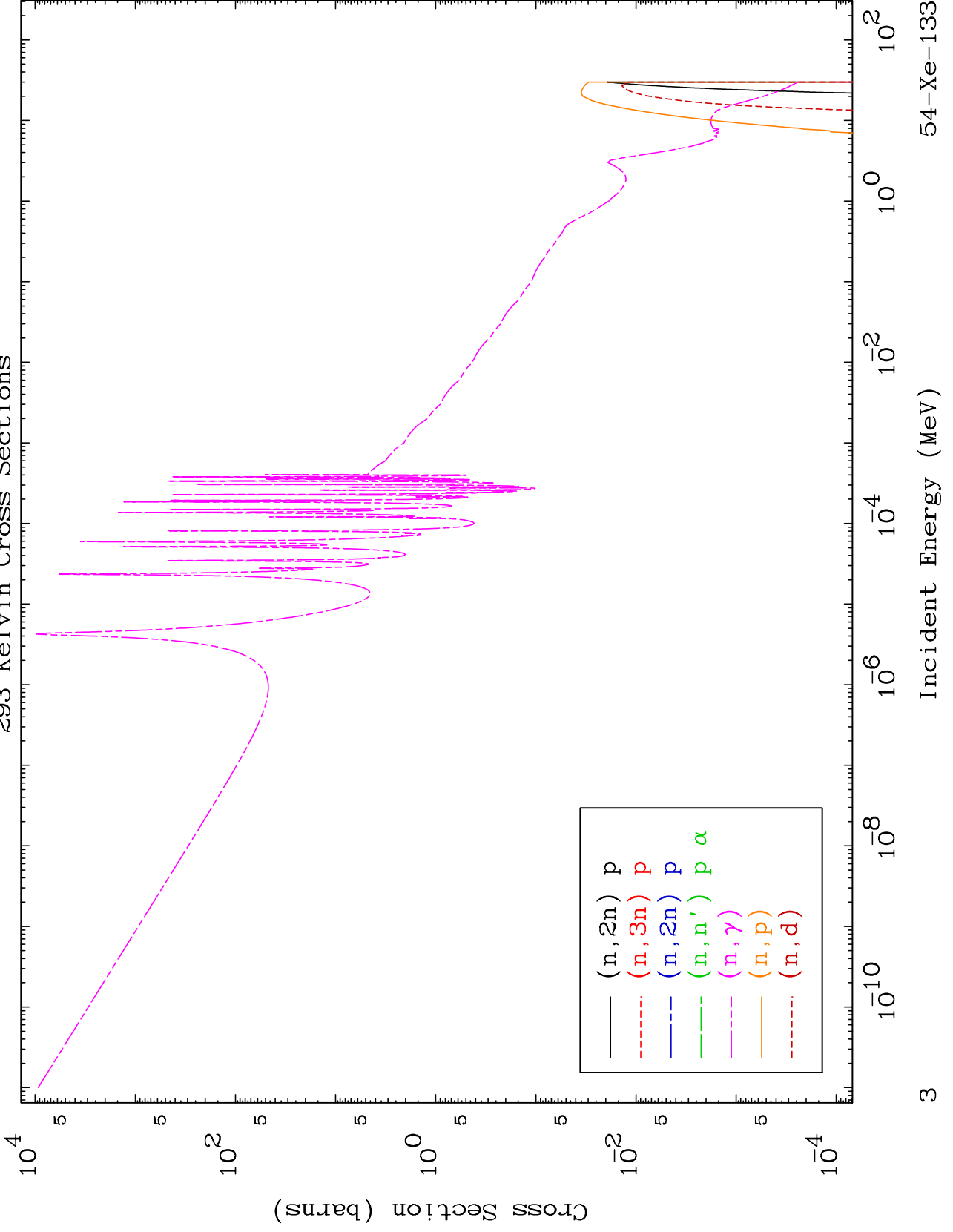


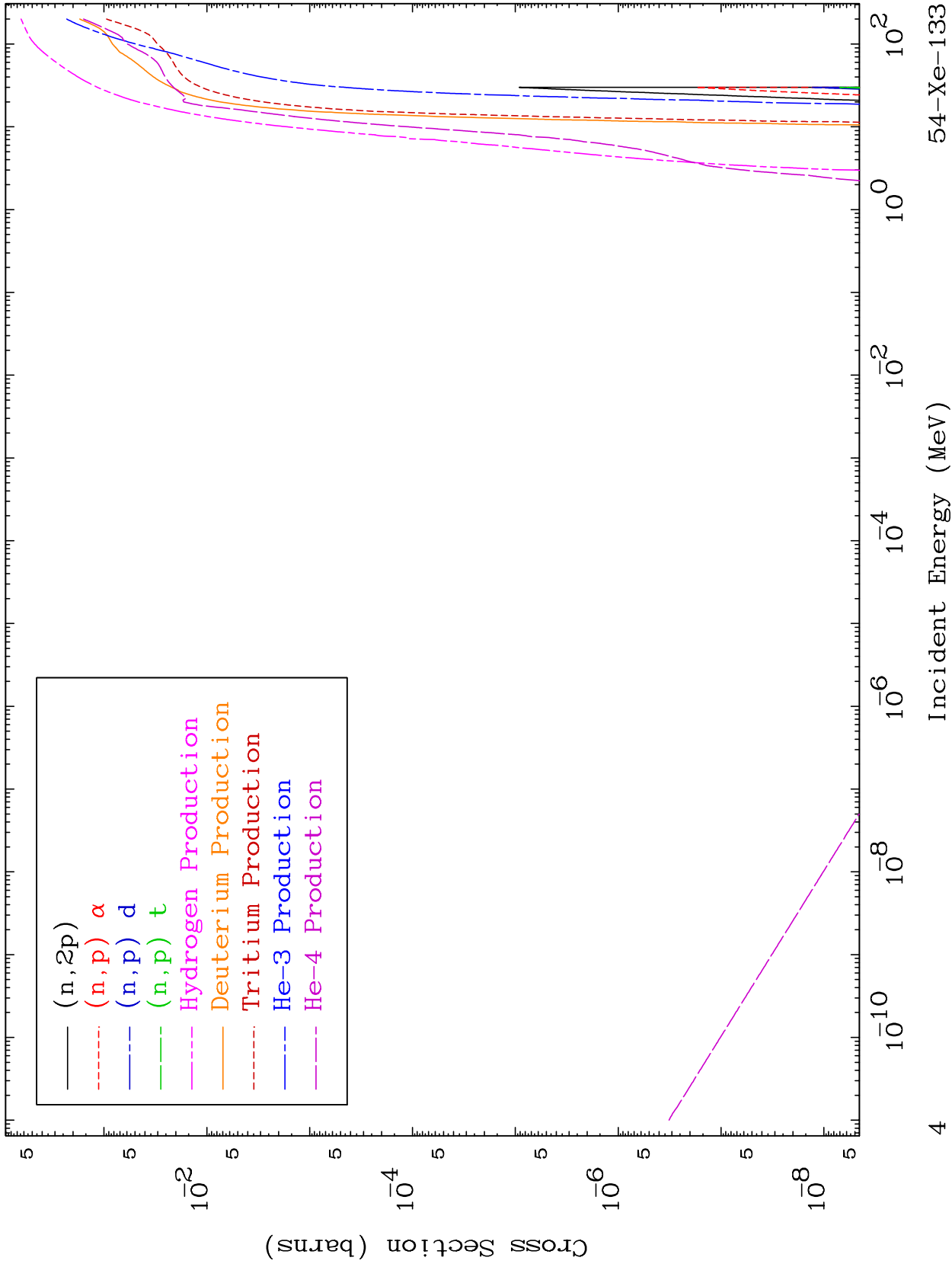


MAT 5452

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-133

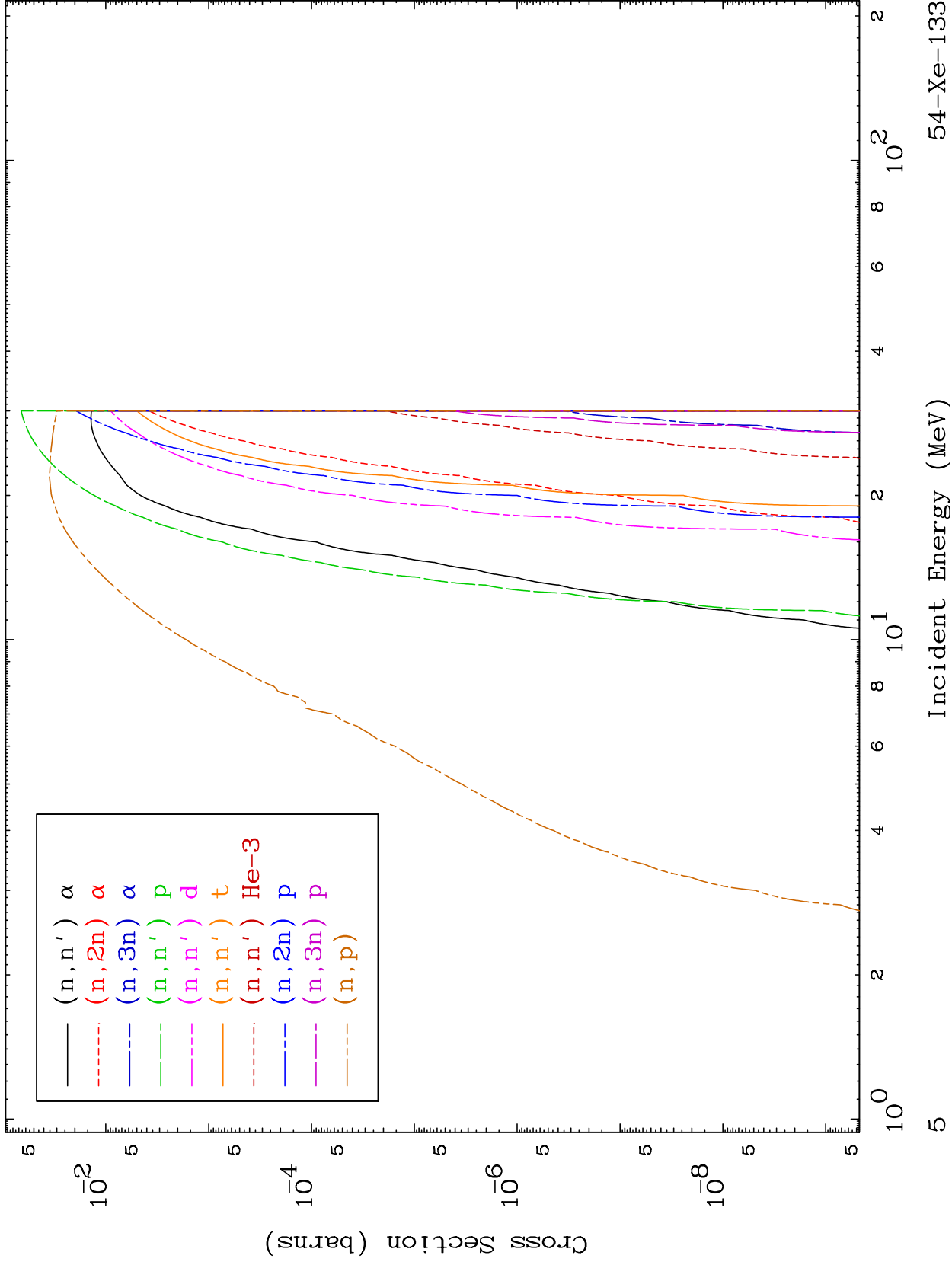




MAT 5452

Charged Particle
293 Kelvin Cross Sections

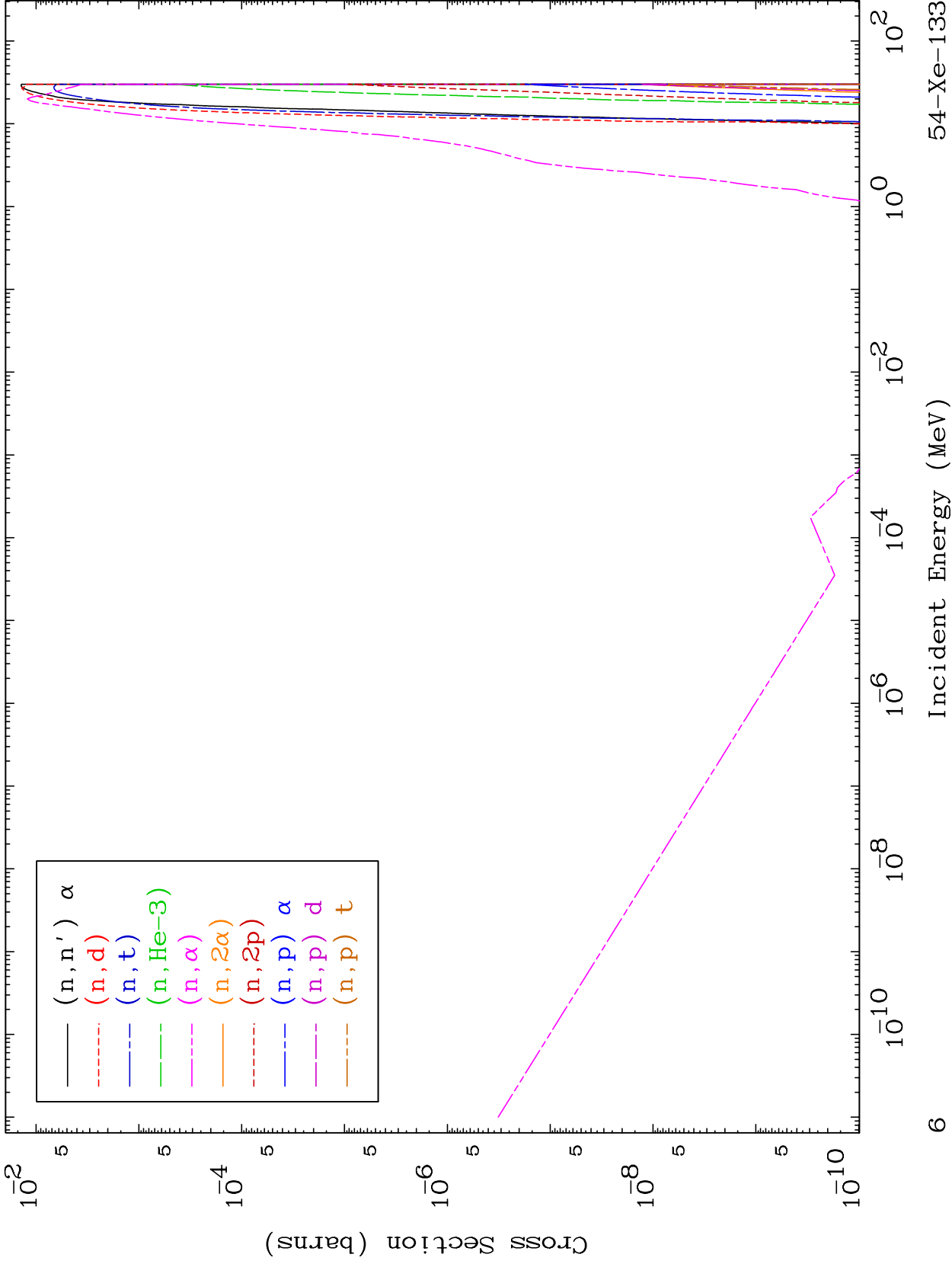
54-Xe-133

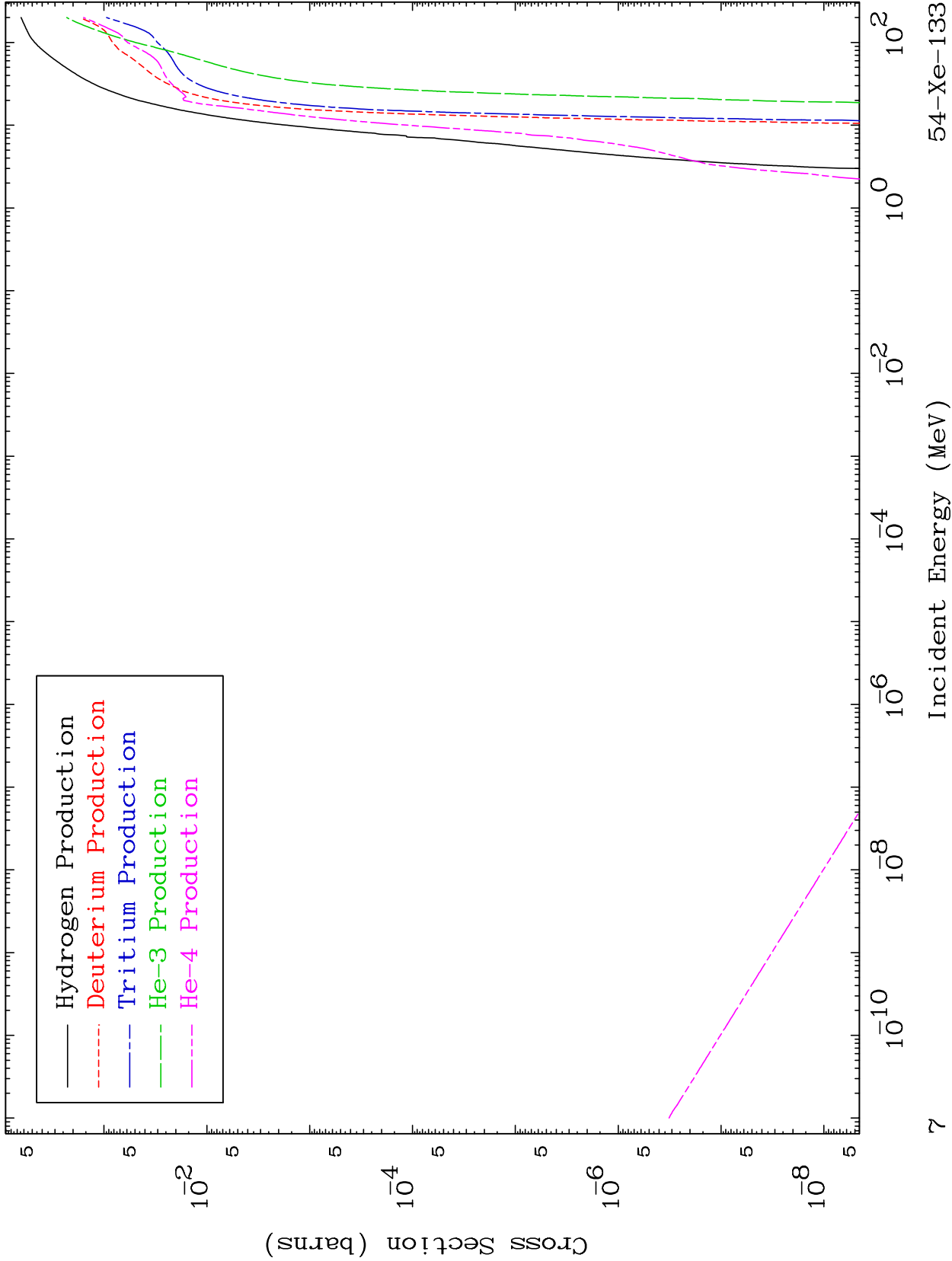


MAT 5452

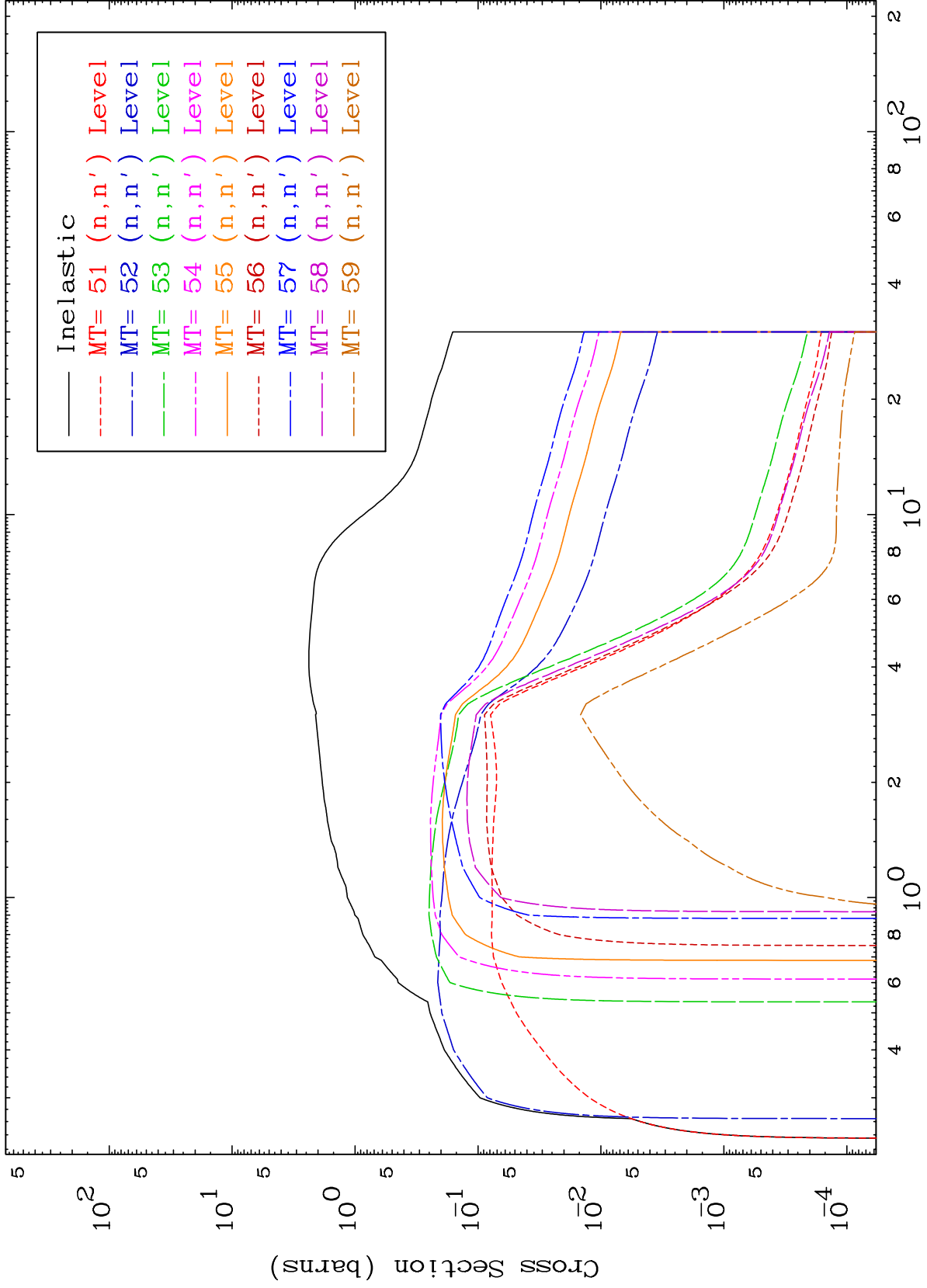
Charged Particle
293 Kelvin Cross Sections

54-Xe-133

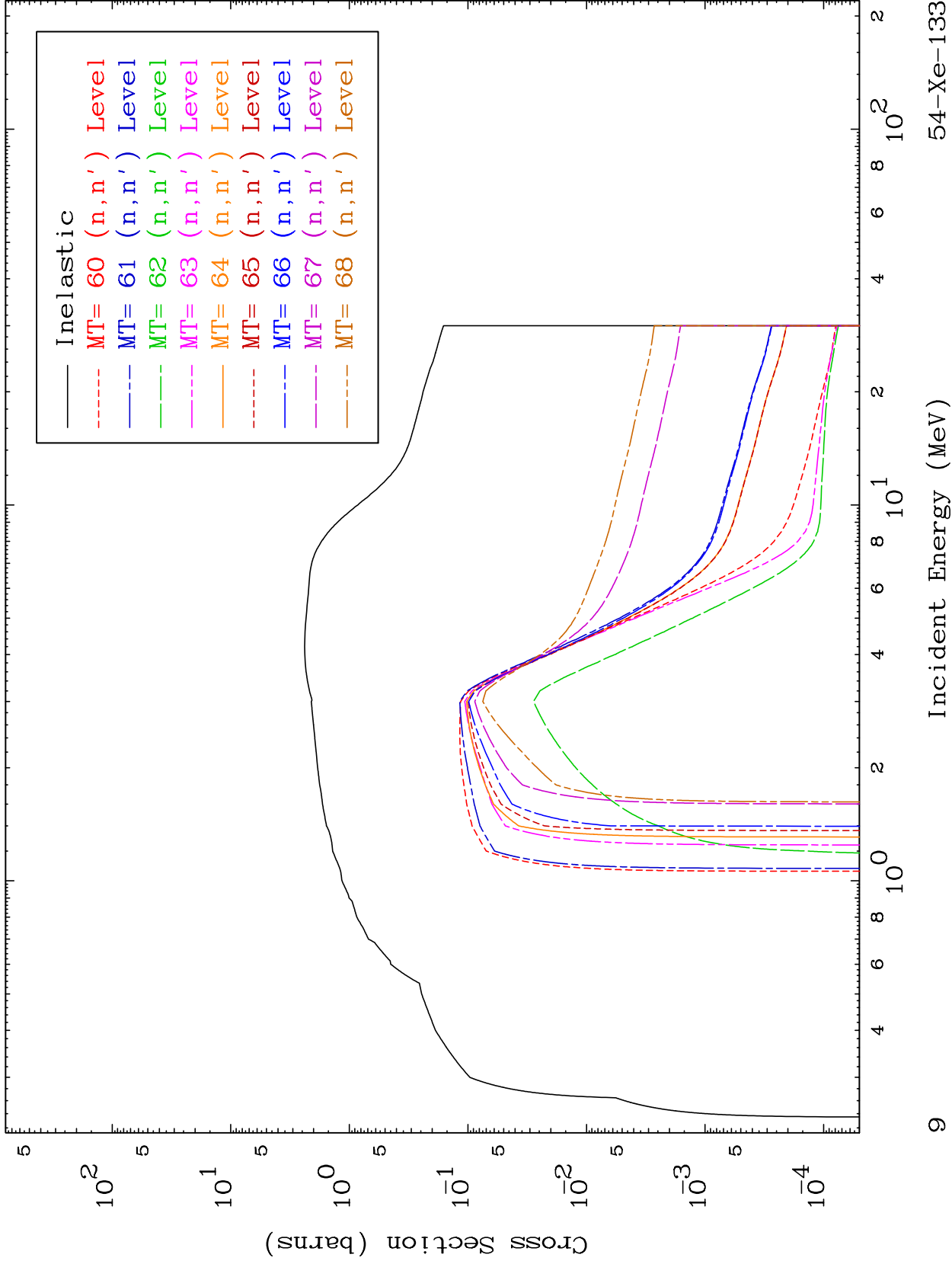




293 Kelvin Cross Sections



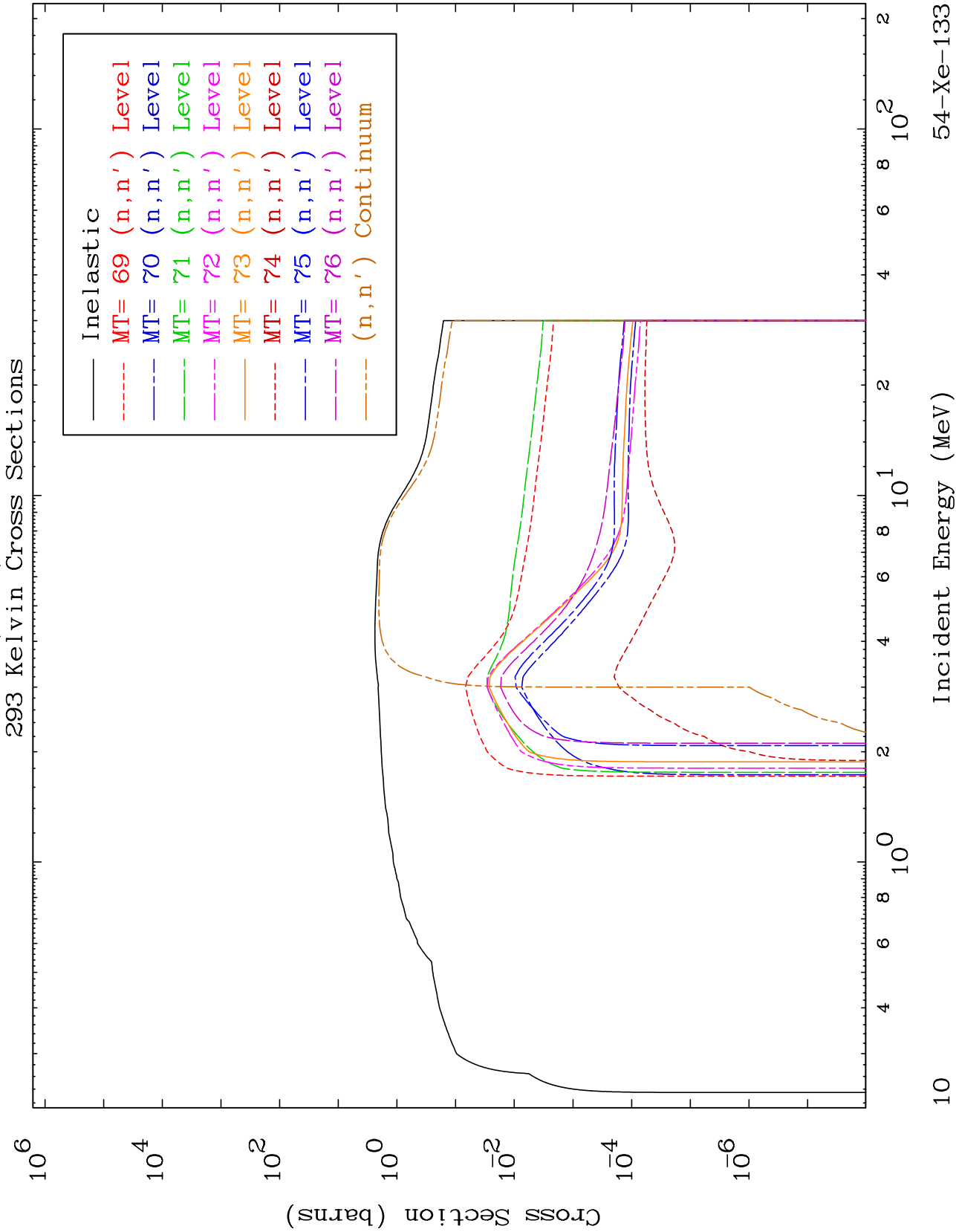
293 Kelvin Cross Sections



MAT 5452

(n,n') Levels

54-Xe-133



10

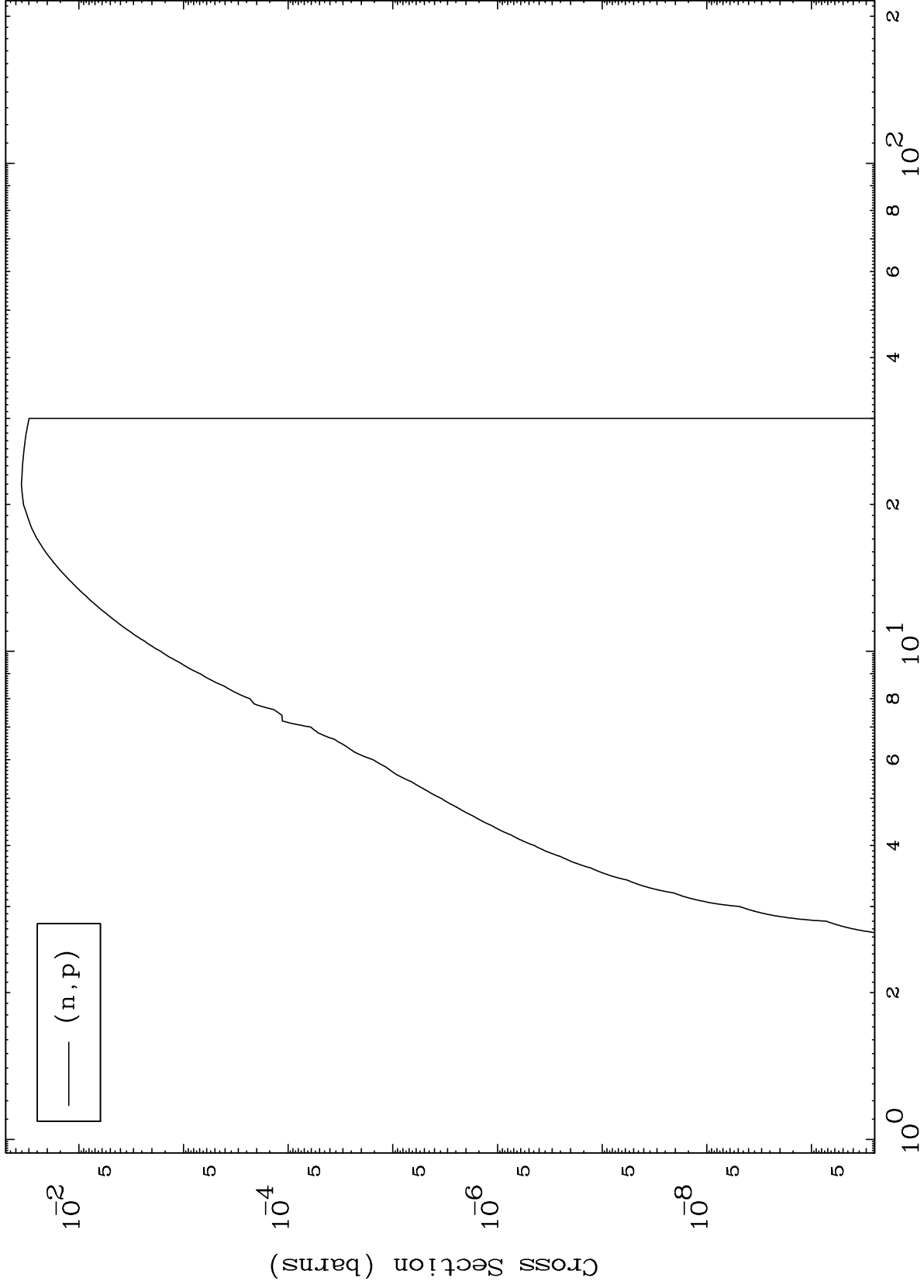
Incident Energy (MeV)

54-Xe-133

MAT 5452

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-133



11

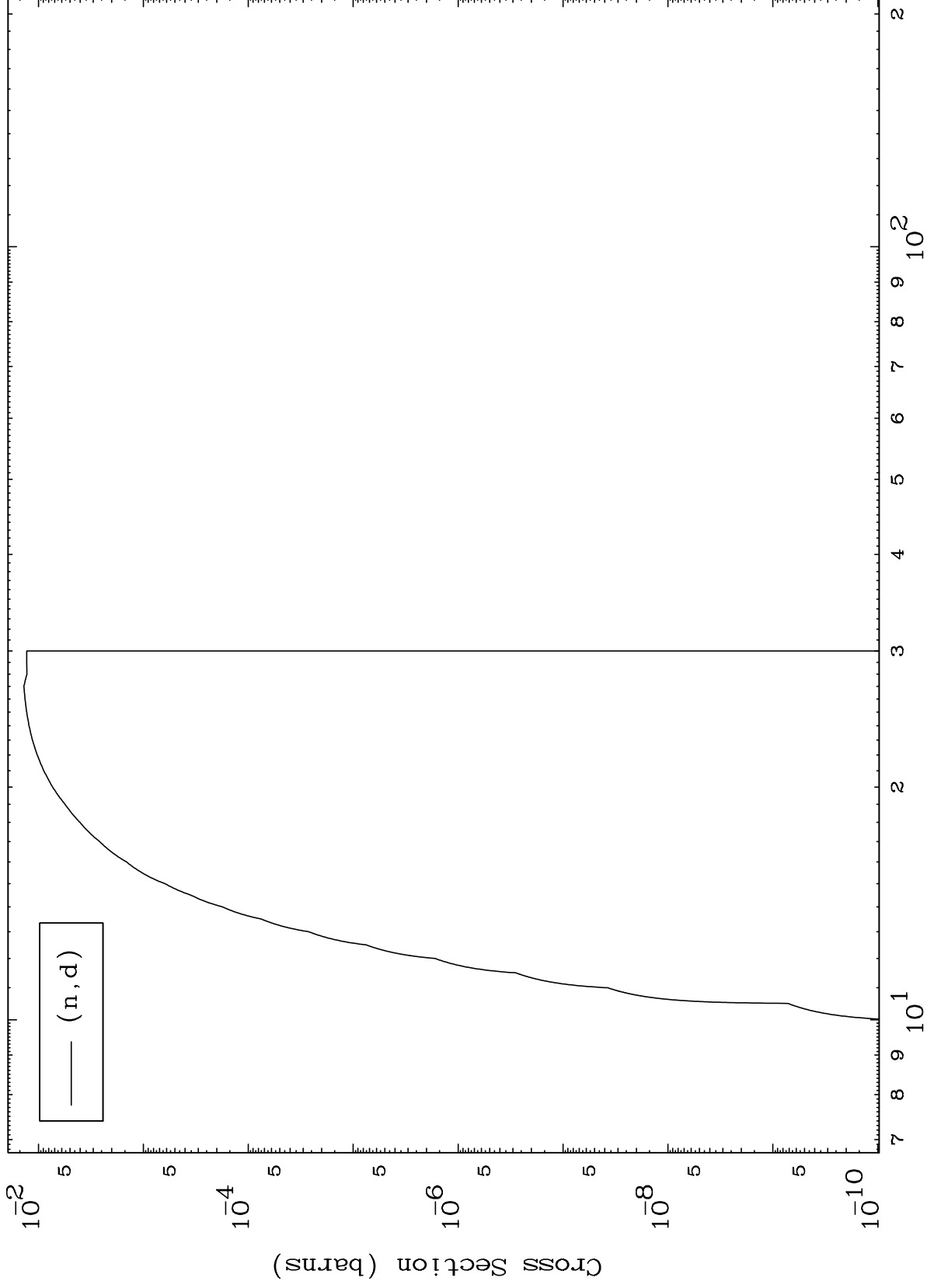
Incident Energy (MeV)

54-Xe-133

MAT 5452

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-133



12

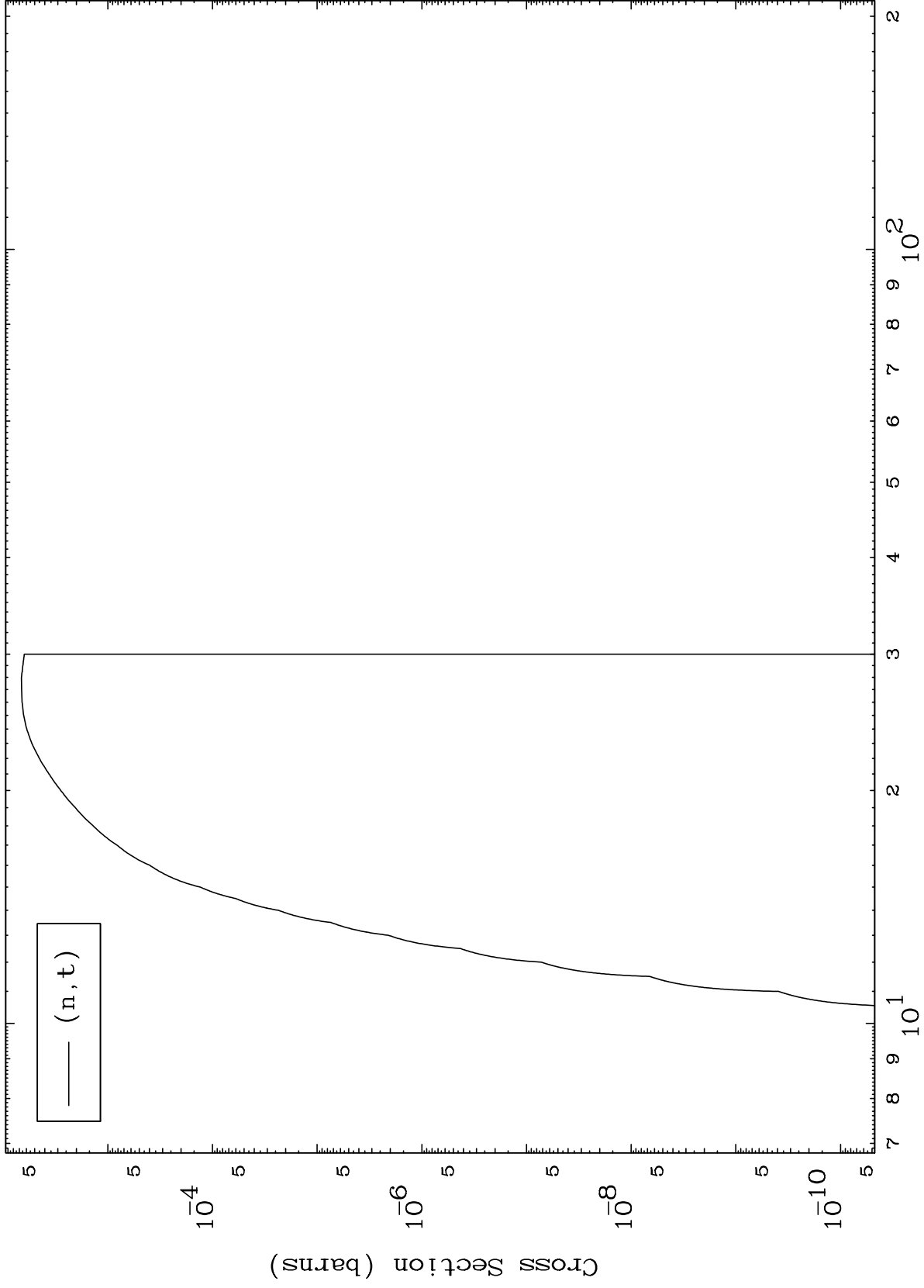
Incident Energy (MeV)

54-Xe-133

MAT 5452

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-133



13

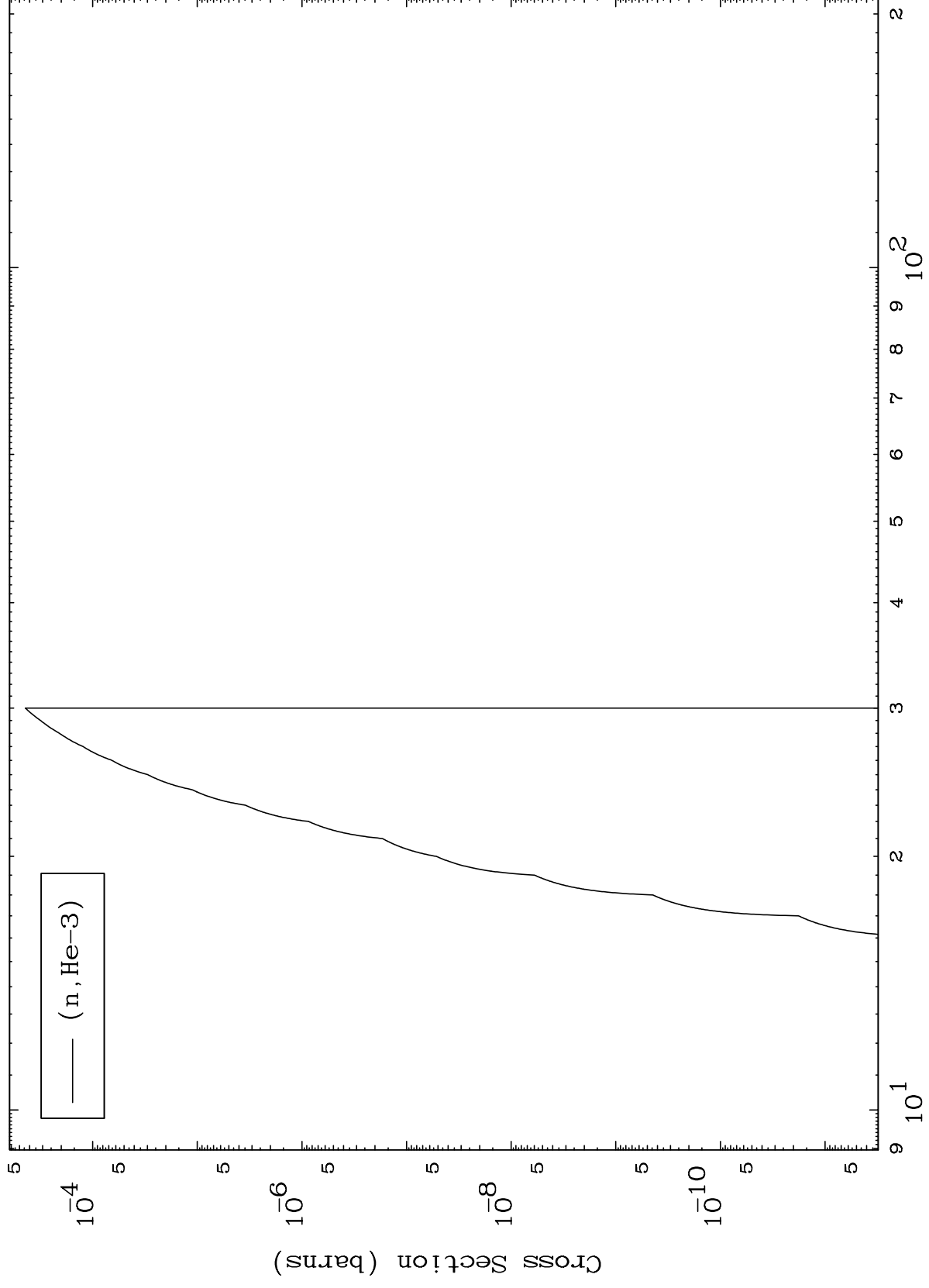
Incident Energy (MeV)

54-Xe-133

MAT 5452

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-133



14

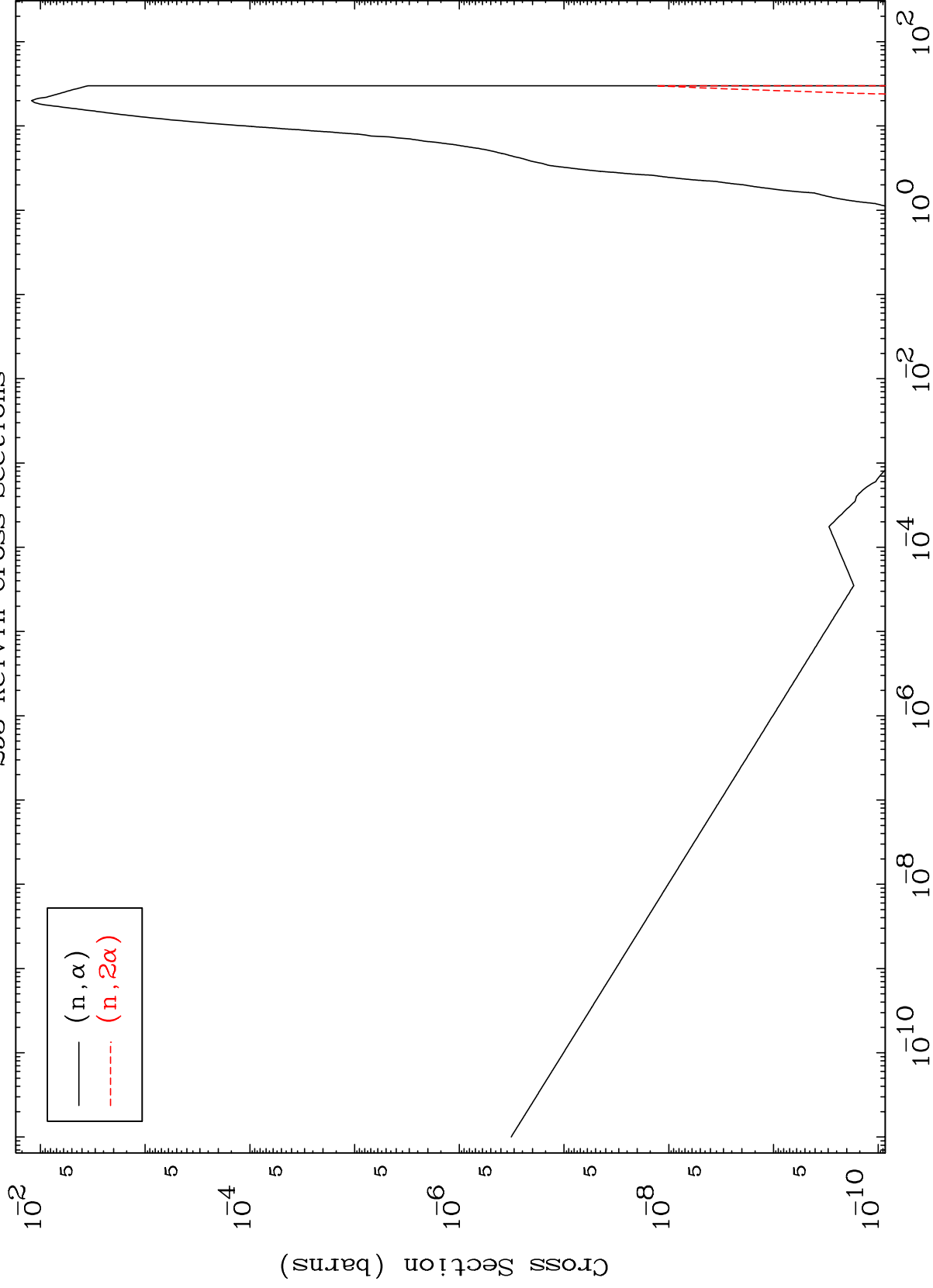
Incident Energy (MeV)

54-Xe-133

MAT 5452

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-133



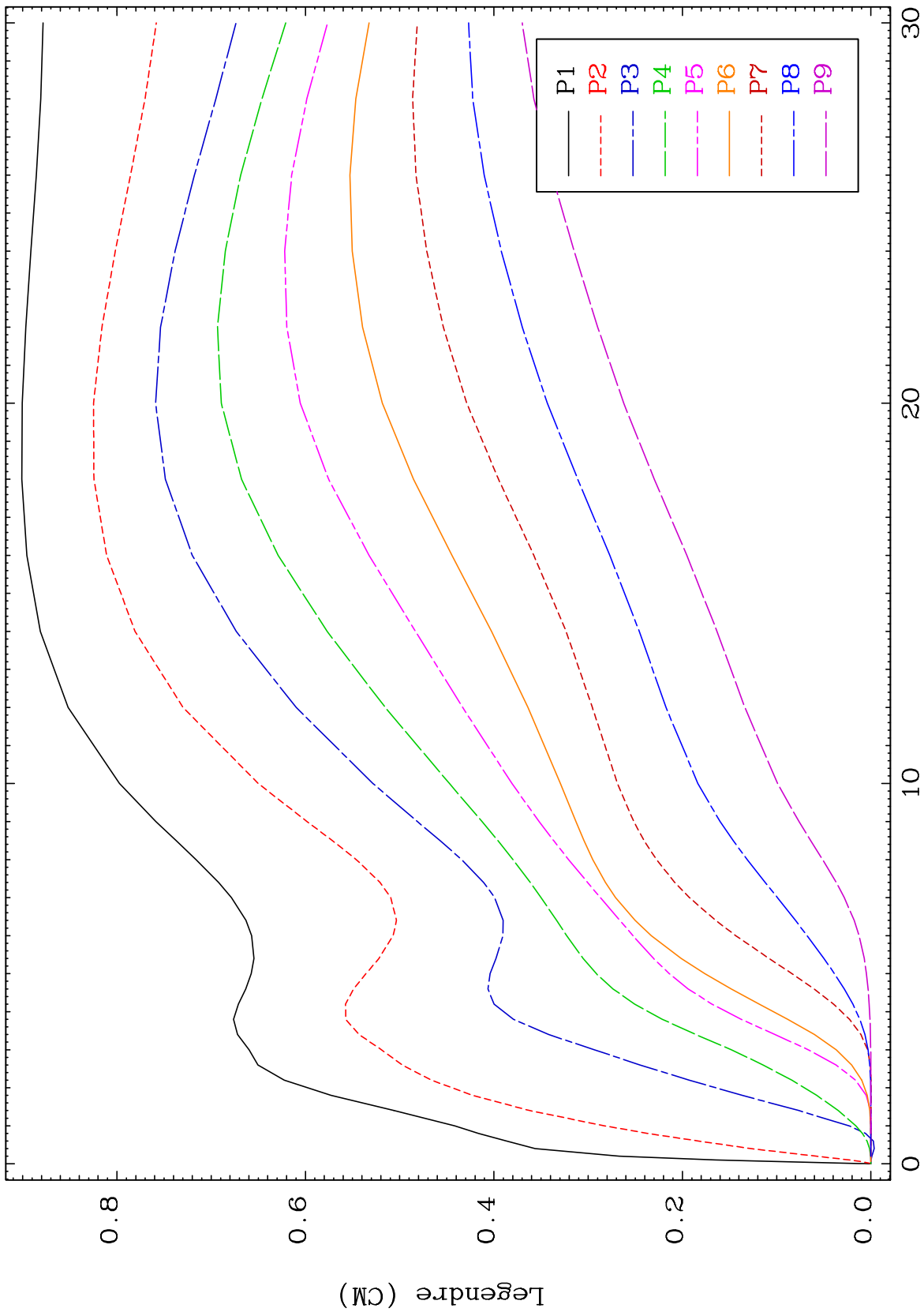
15

54-Xe-133

MAT 5452

54-Xe-133

Elastic Legendre Coefficients



16

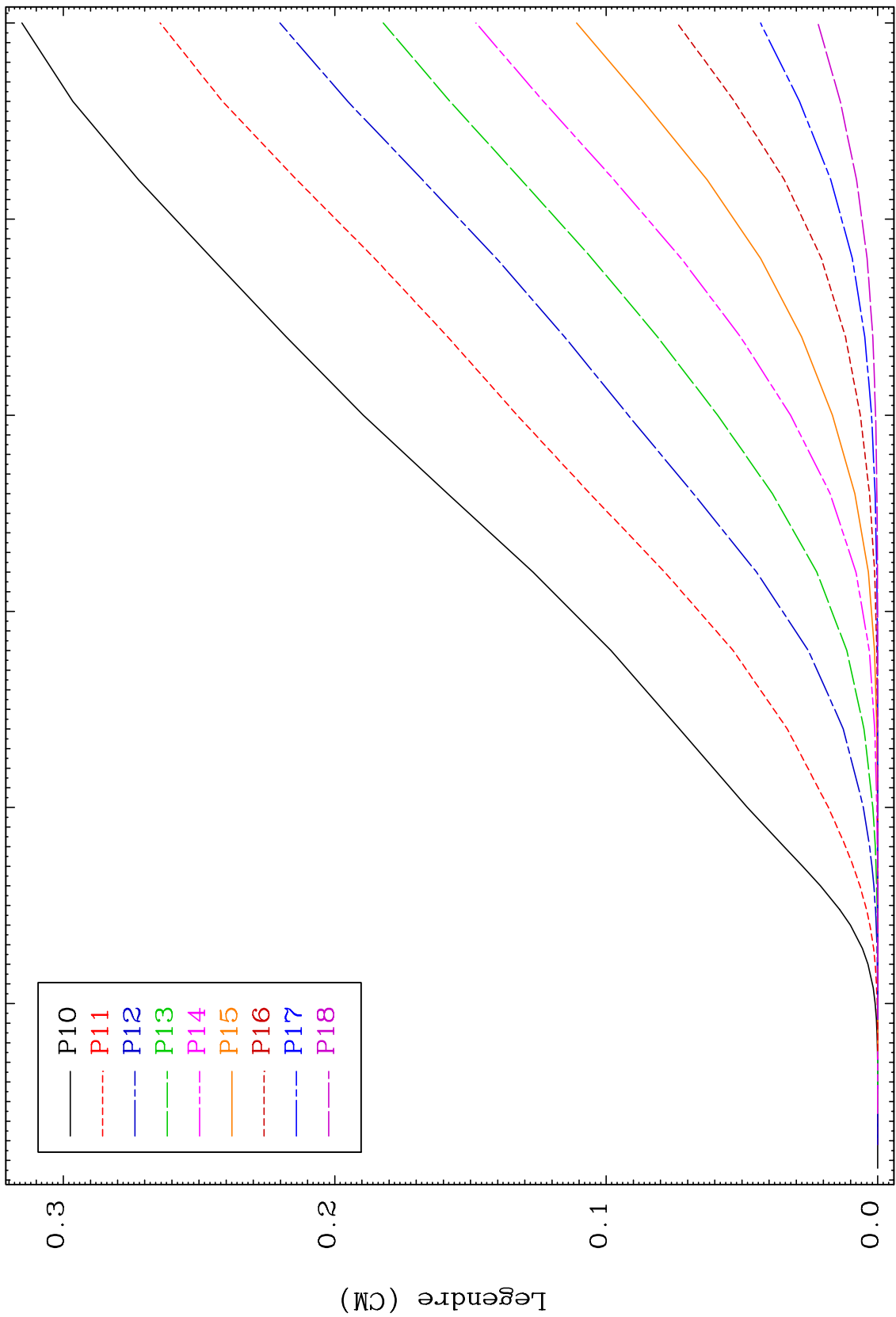
Incident Energy (MeV)

54-Xe-133

MAT 5452

Elastic Legendre Coefficients

54-Xe-133



17

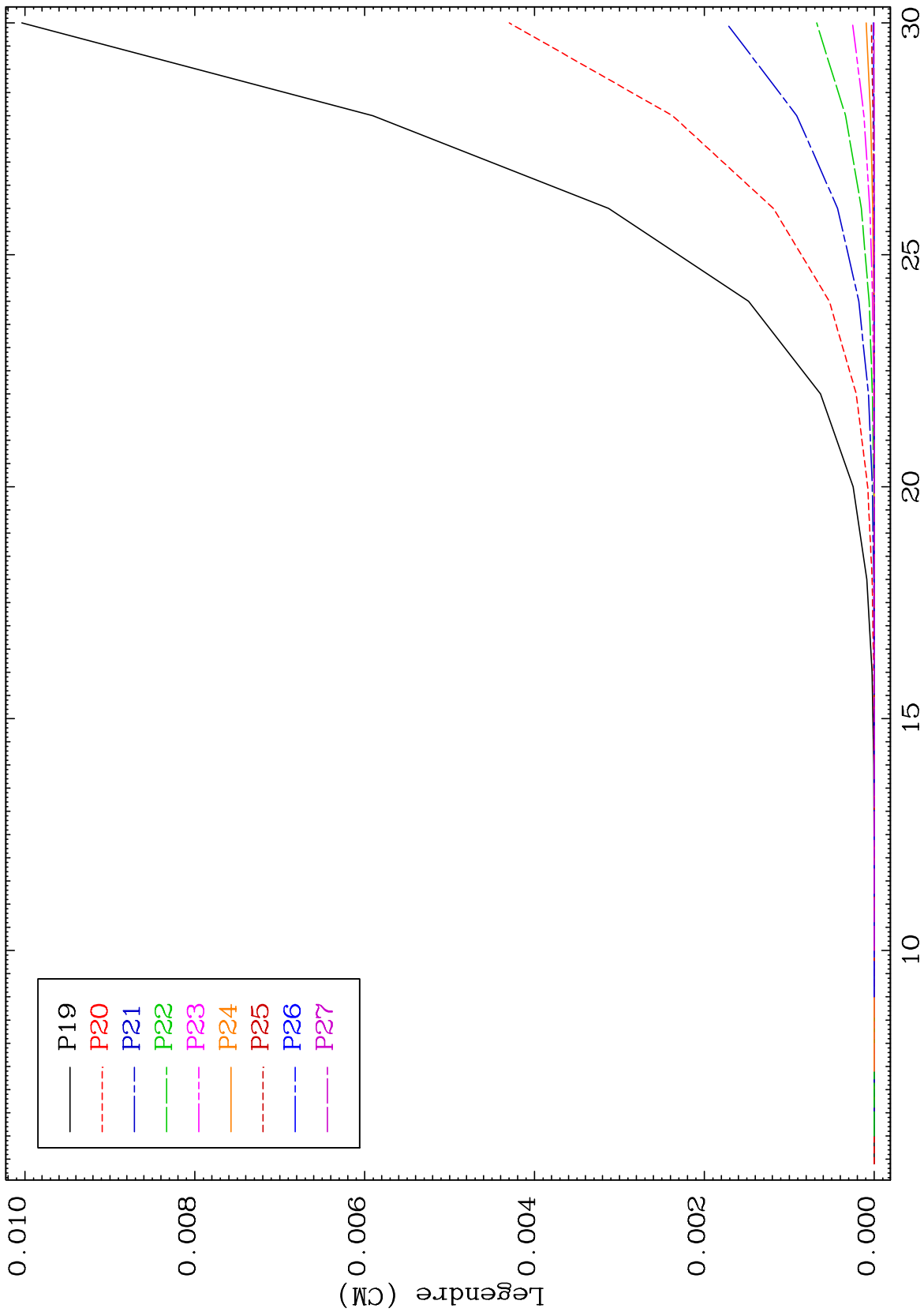
Incident Energy (MeV)

54-Xe-133

MAT 5452

Elastic Legendre Coefficients

54-Xe-133



18

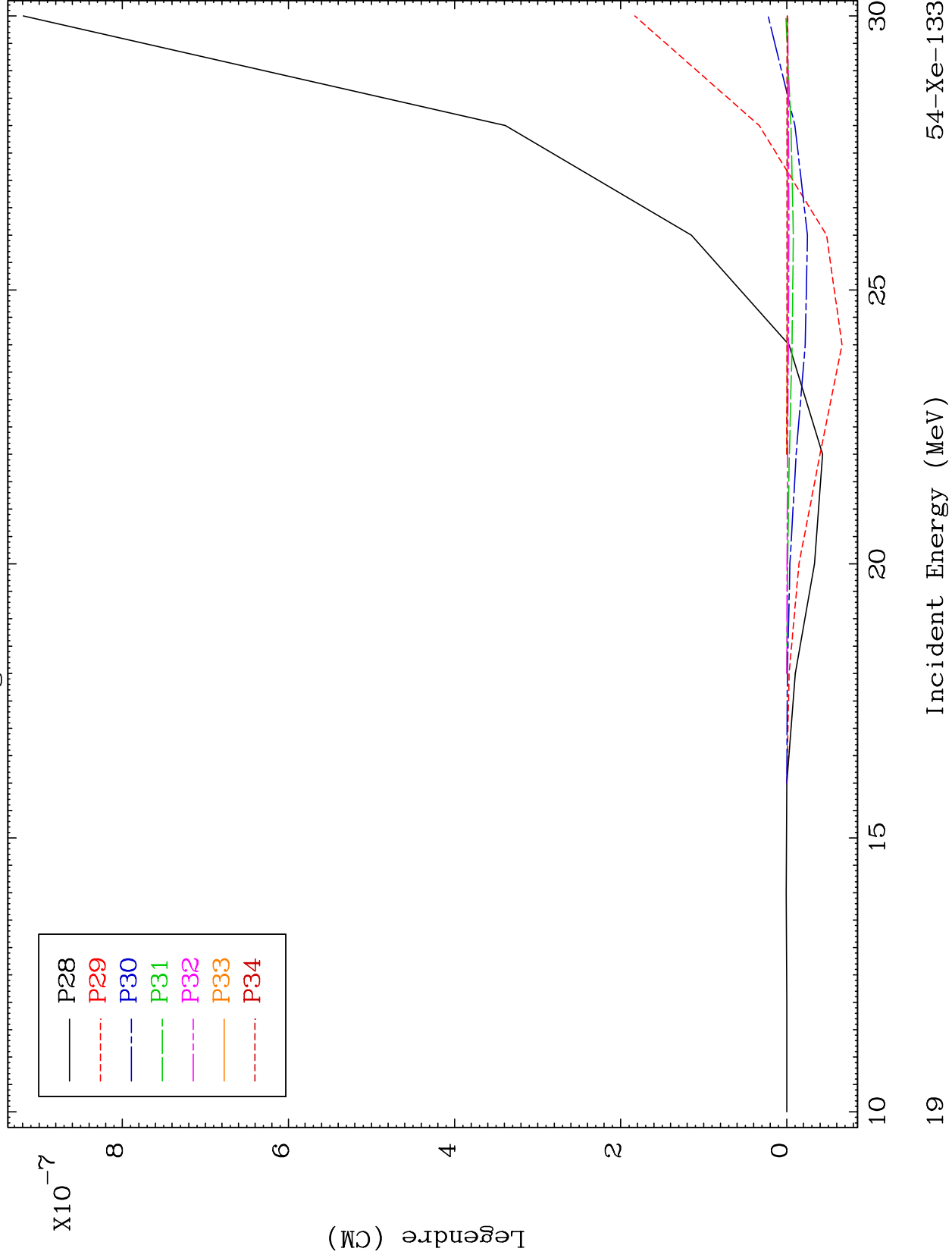
Incident Energy (MeV)

54-Xe-133

MAT 5452

Elastic
Legendre Coefficients

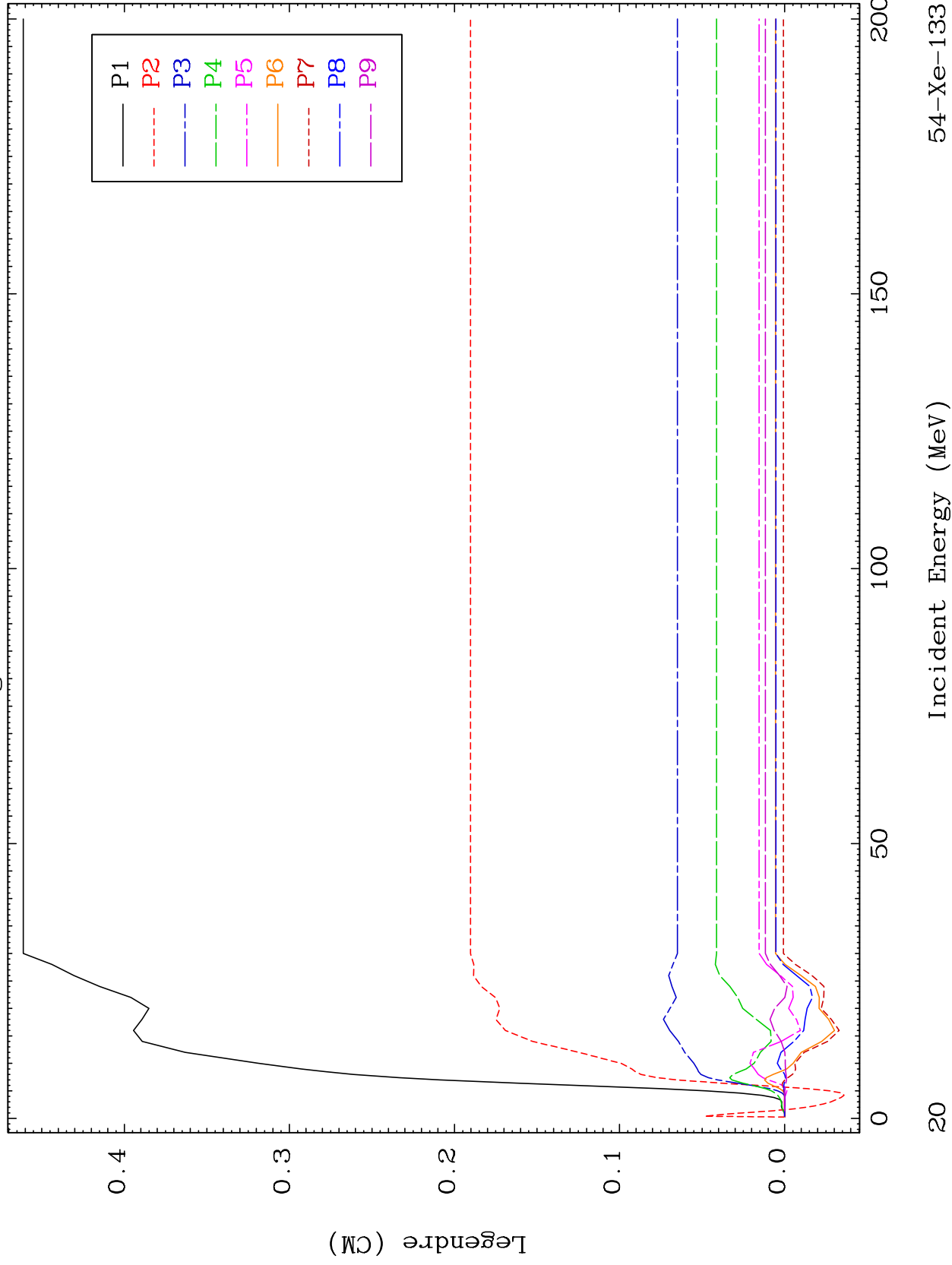
54-Xe-133



MAT 5452

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

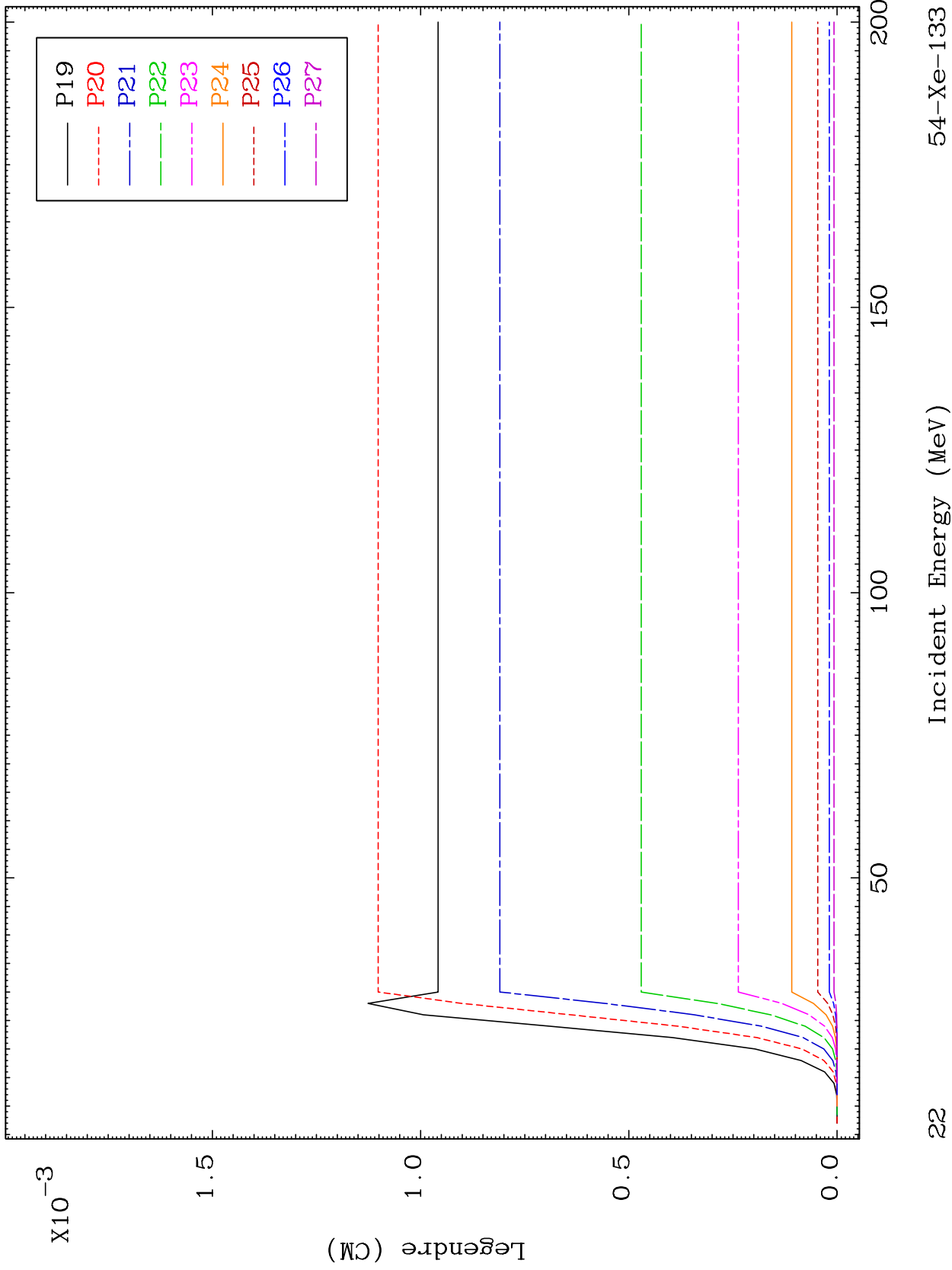
54-Xe-133



54-Xe-133

Incident Energy (MeV)

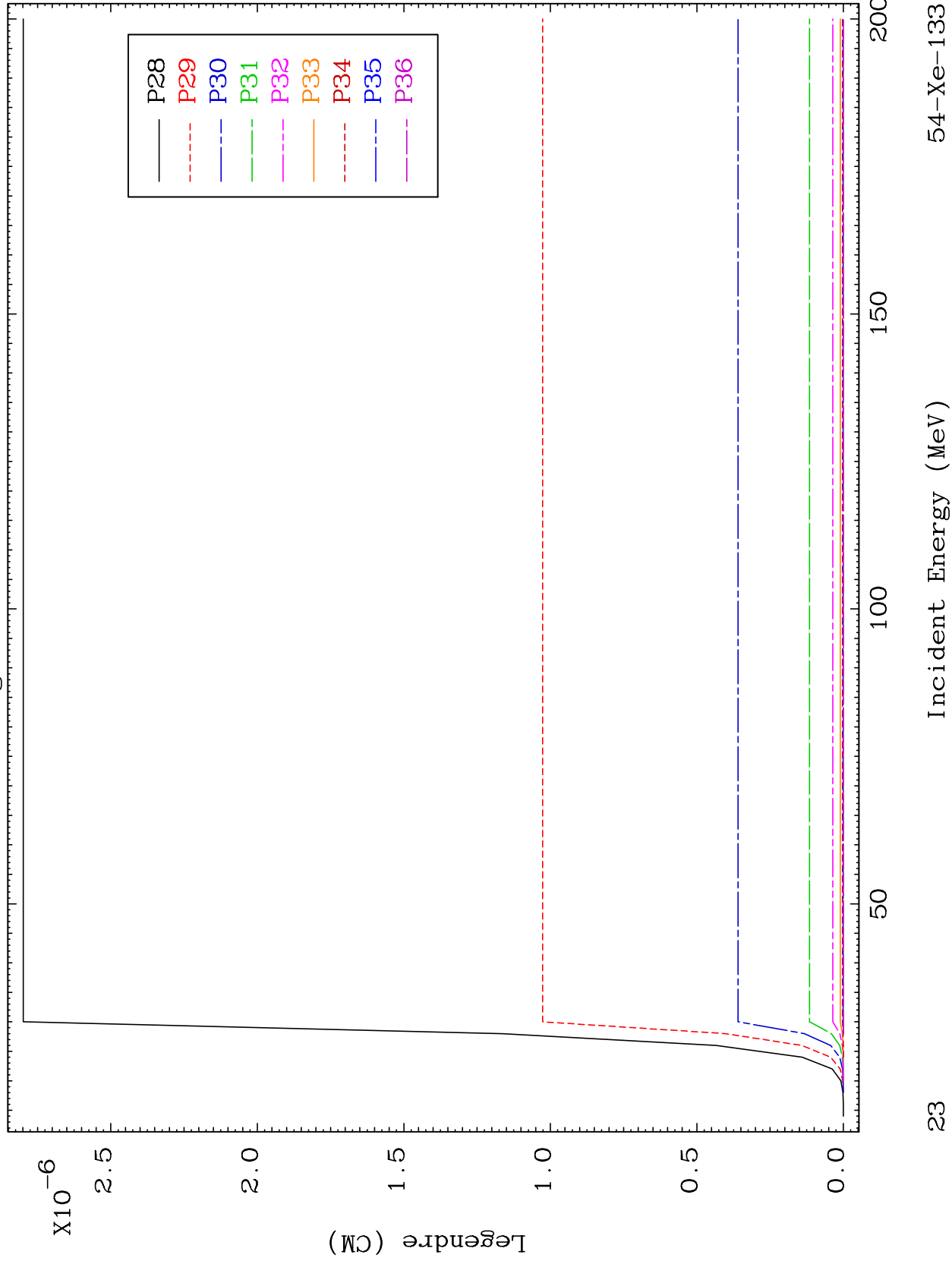
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MAT 5452

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

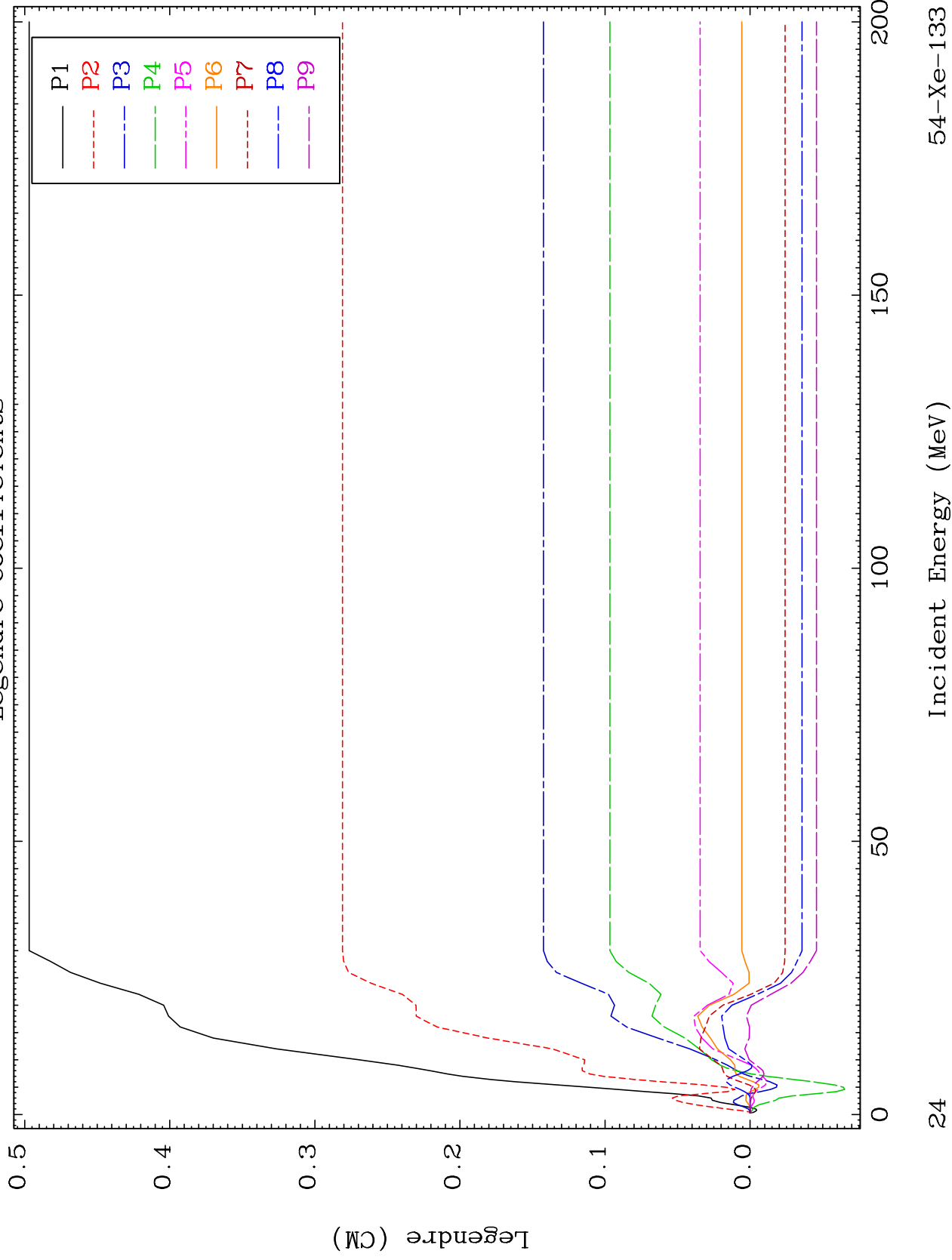
54-Xe-133



MAT 5452

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

54-Xe-133

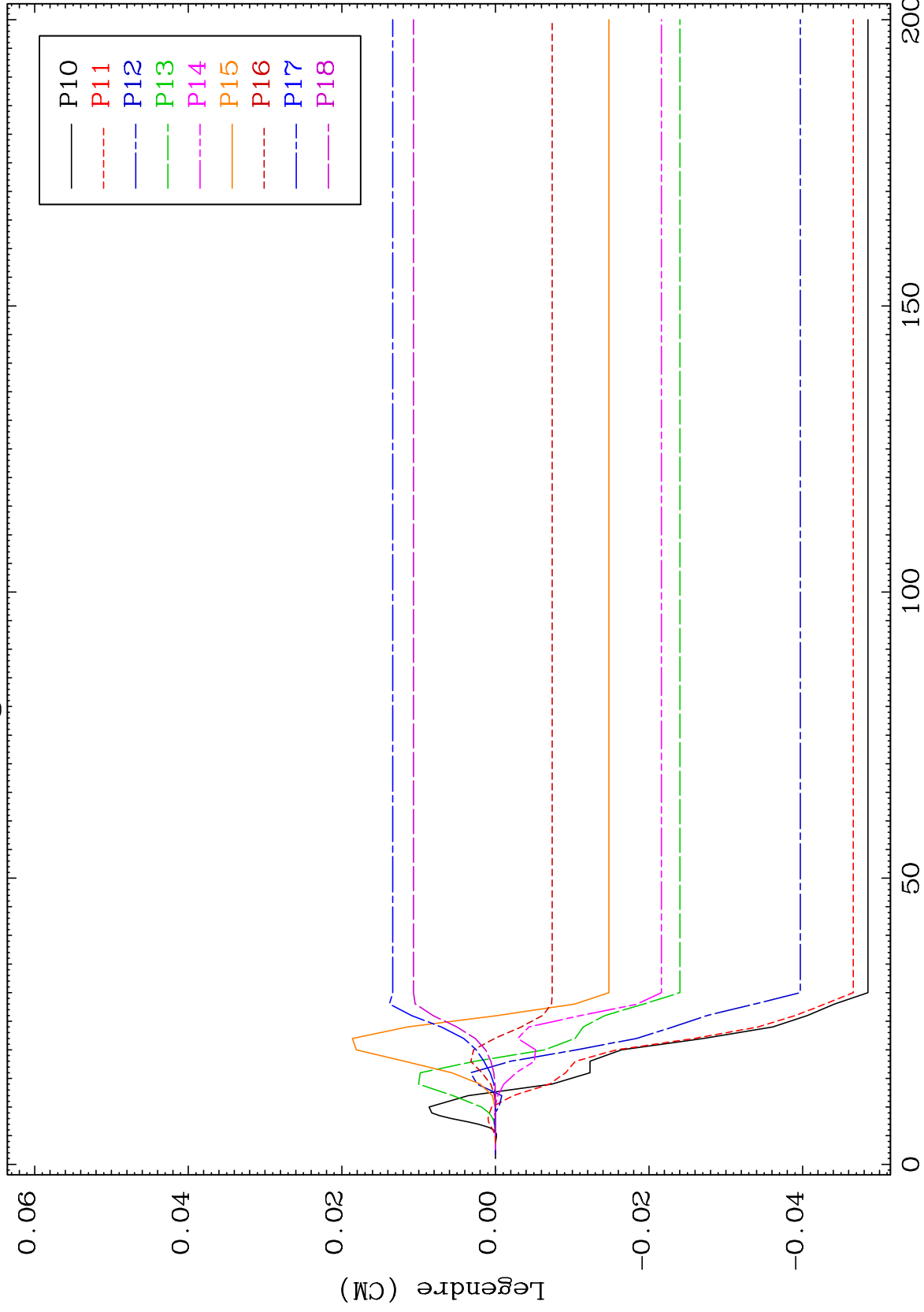


24

MAT 5452

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

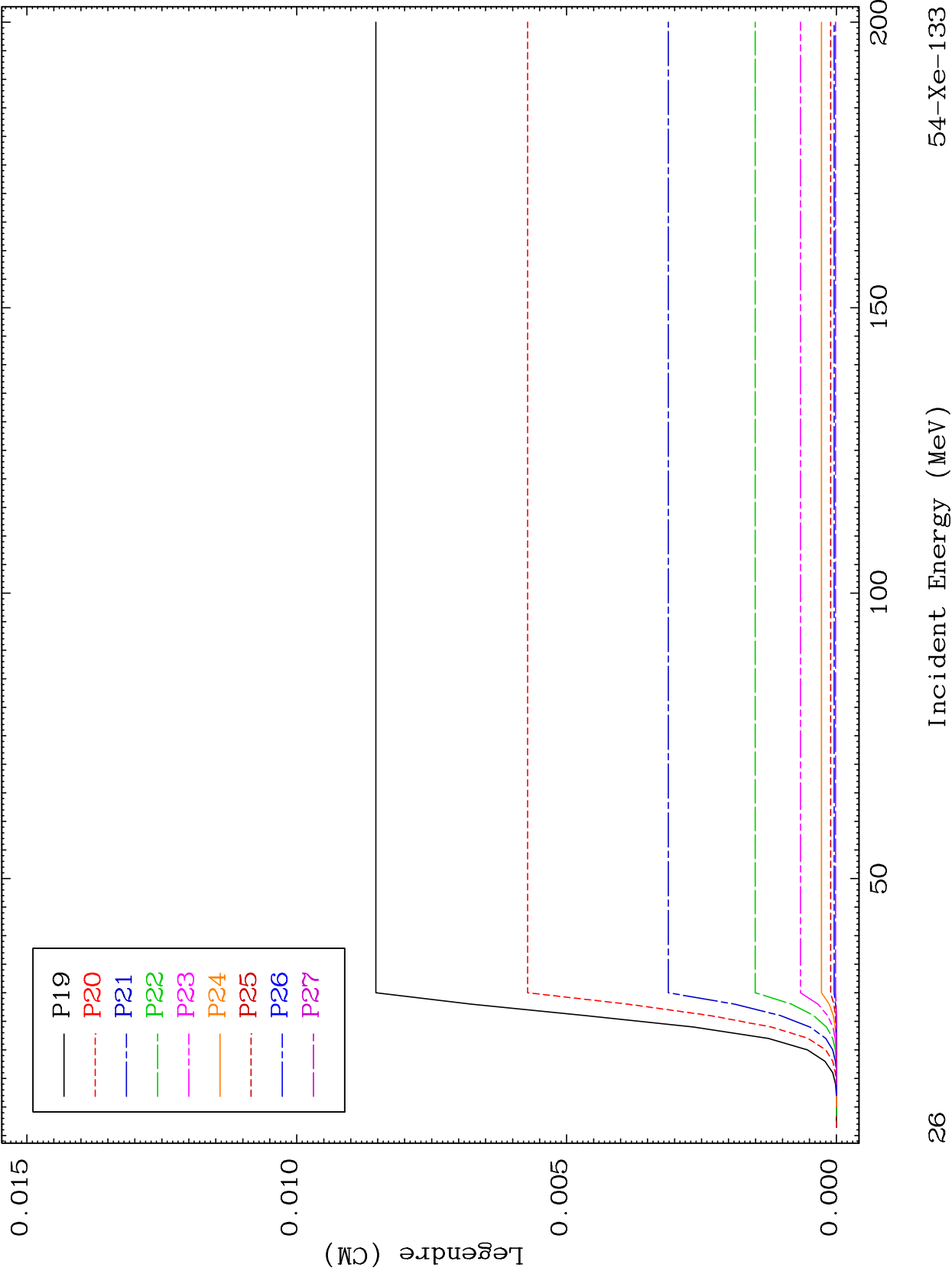
54-Xe-133



25

Incident Energy (MeV)

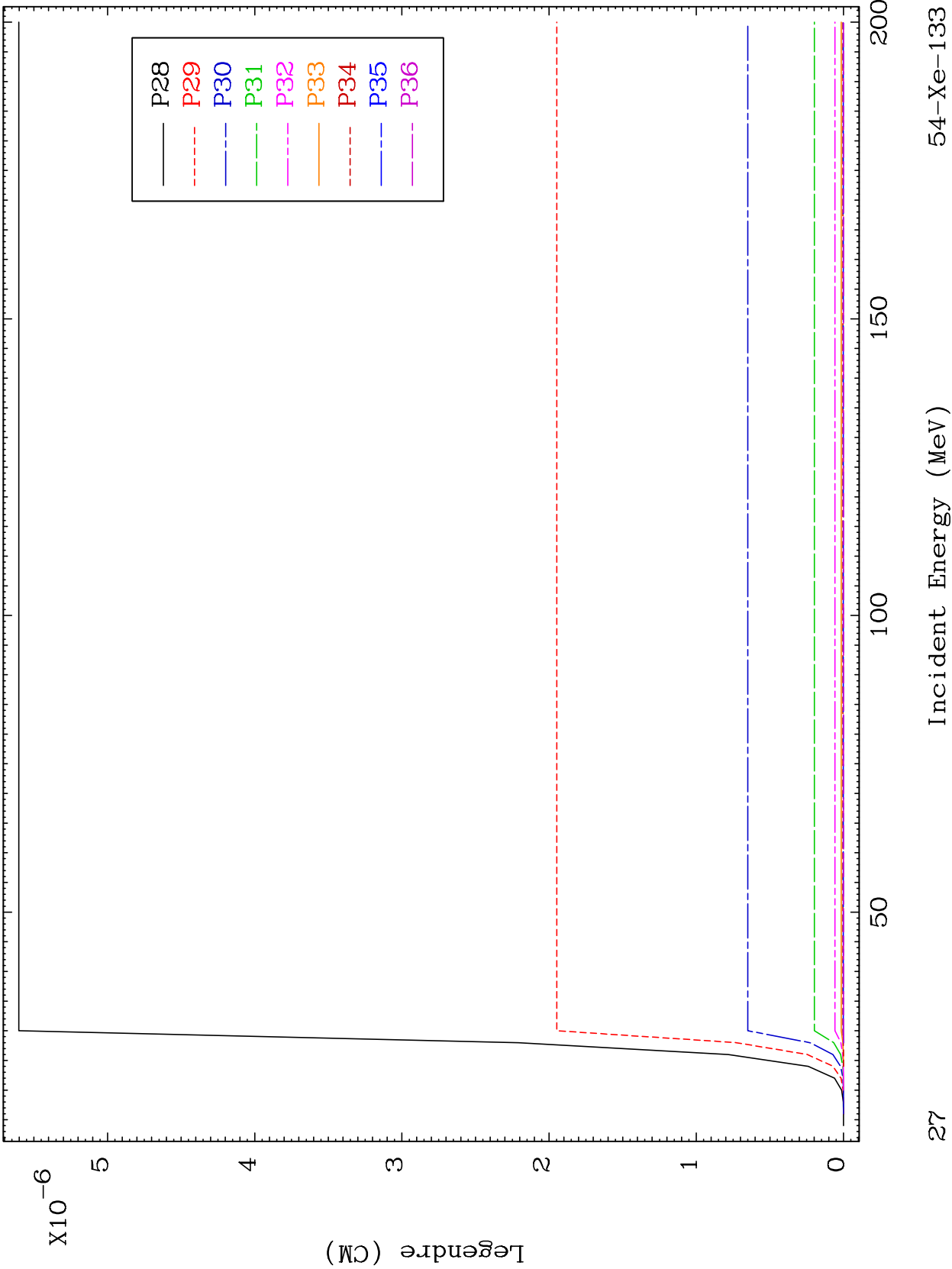
54-Xe-133



MAT 5452

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

54-Xe-133



27

Incident Energy (MeV)

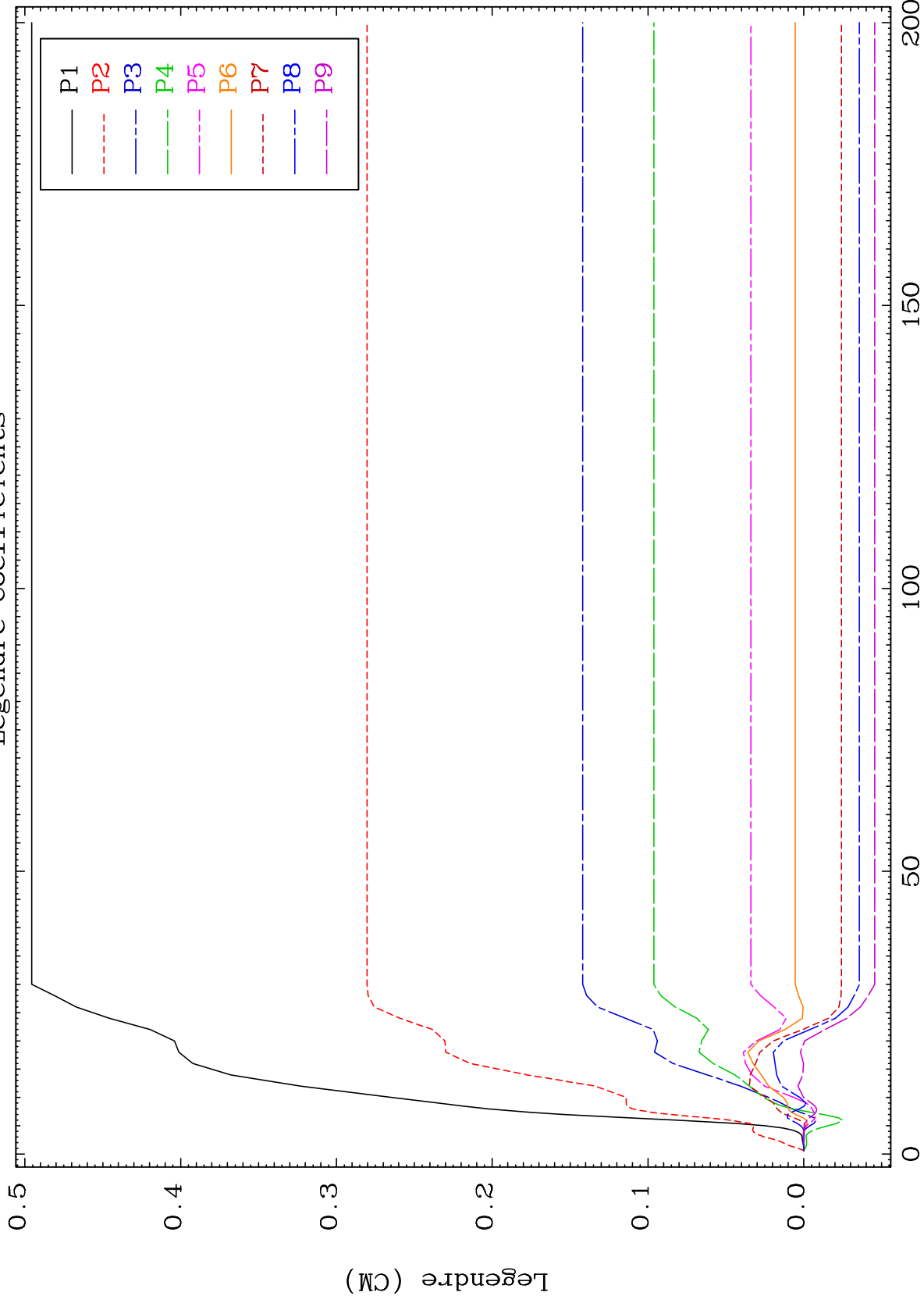
54-Xe-133

MAT 5452

MT= 53 (n,n') Level

54-Xe-133

Legendre Coefficients



28

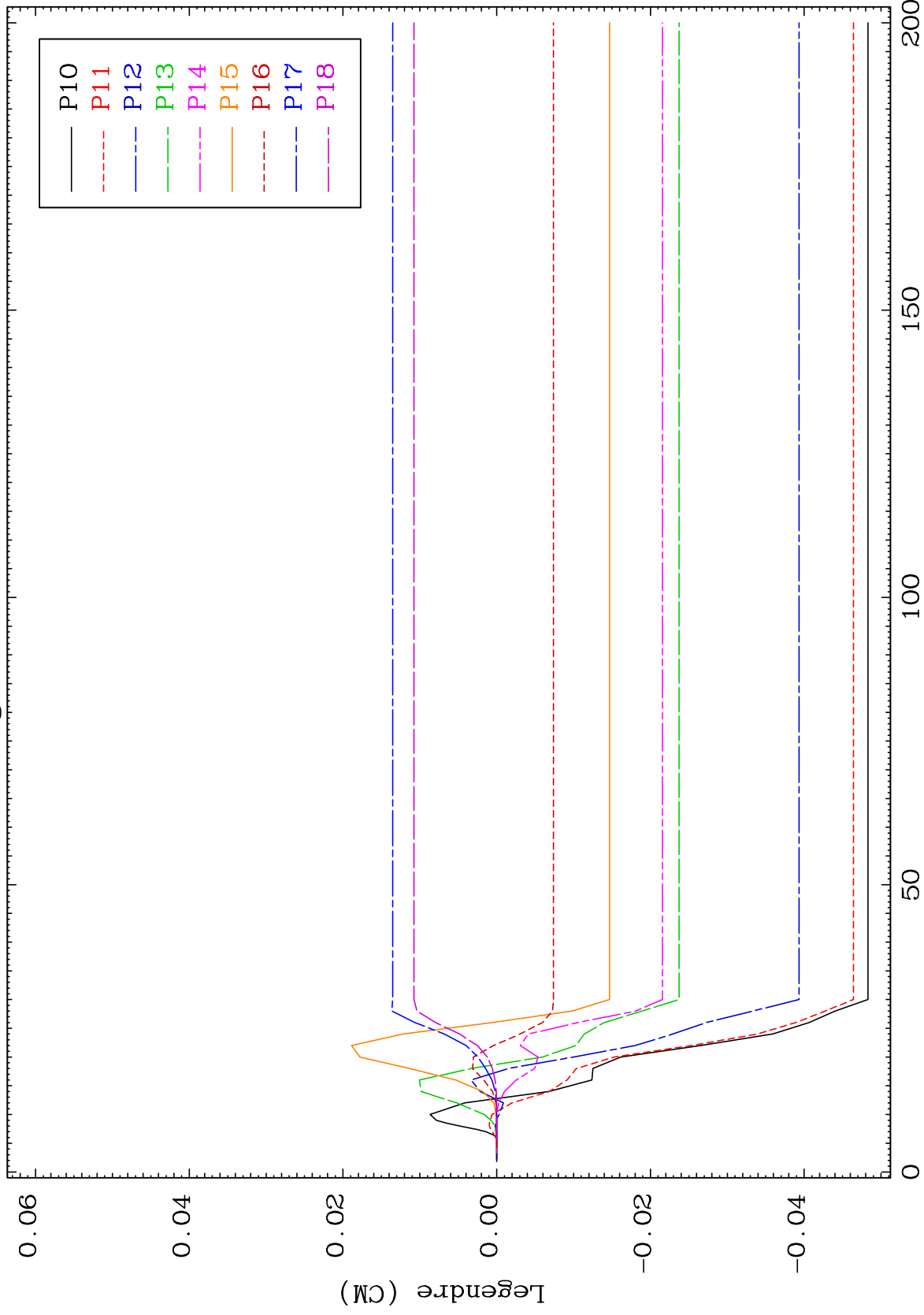
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



29

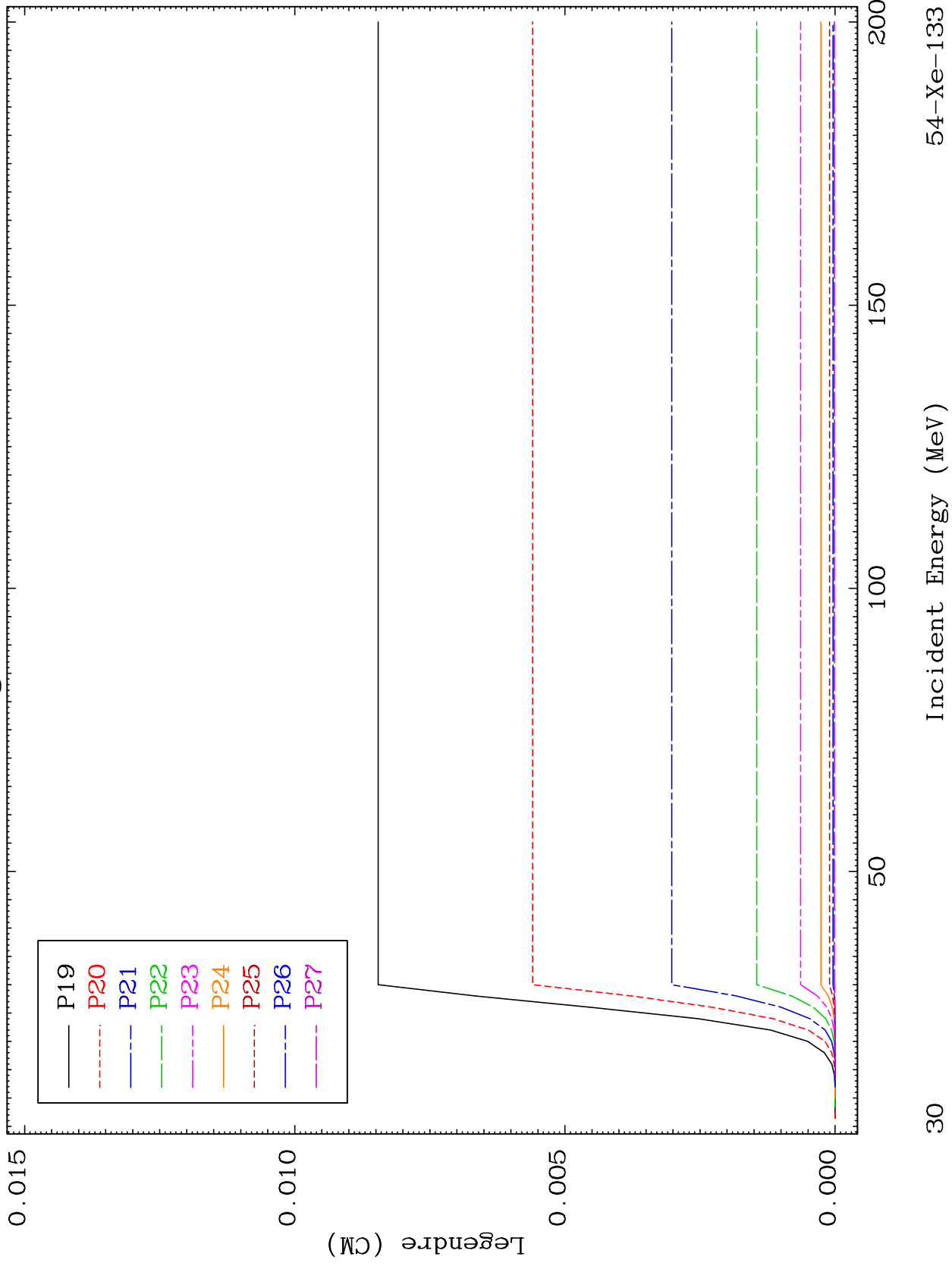
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

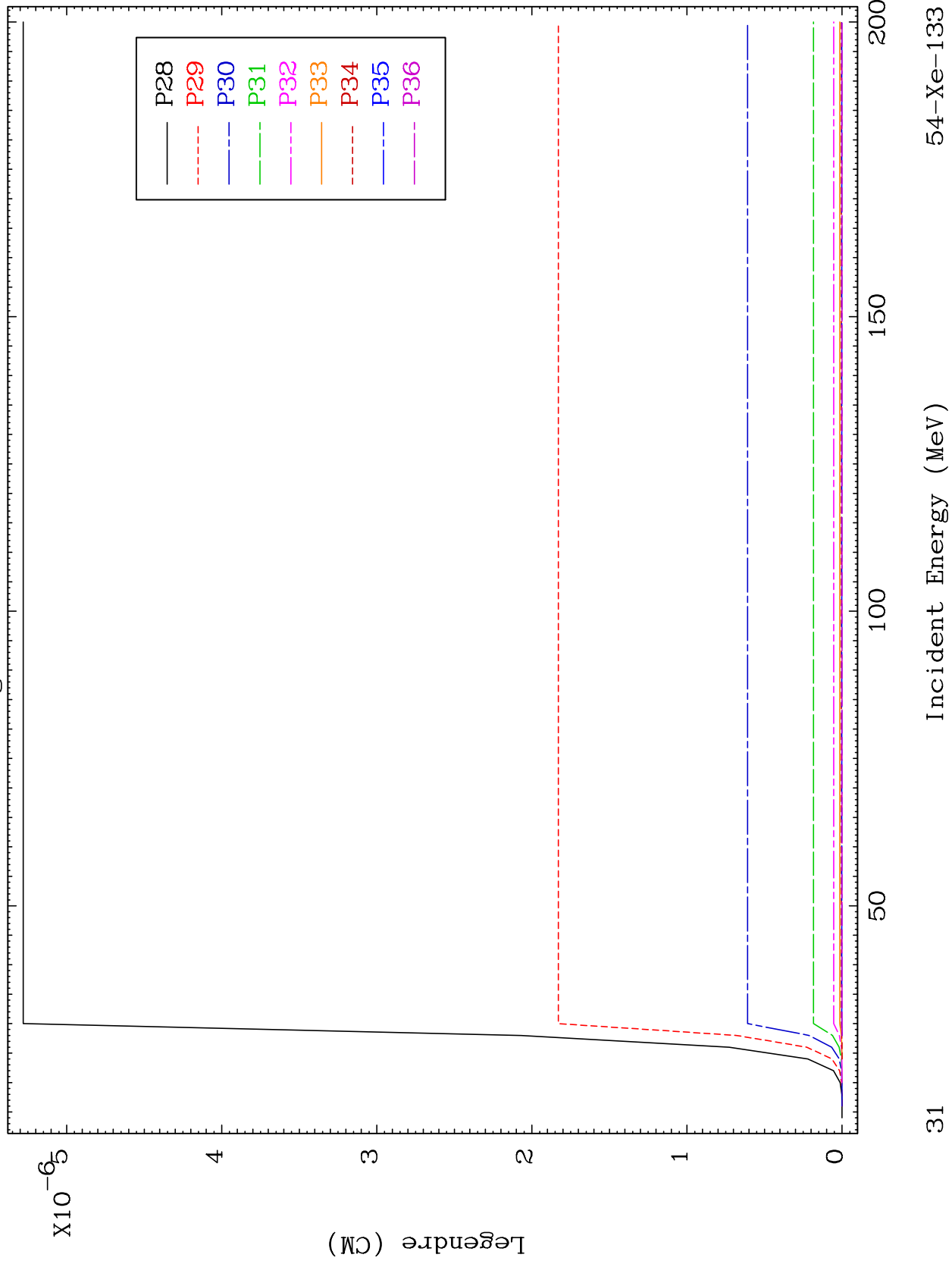
Incident Energy (MeV)

30

MAT 5452

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

54-Xe-133



31

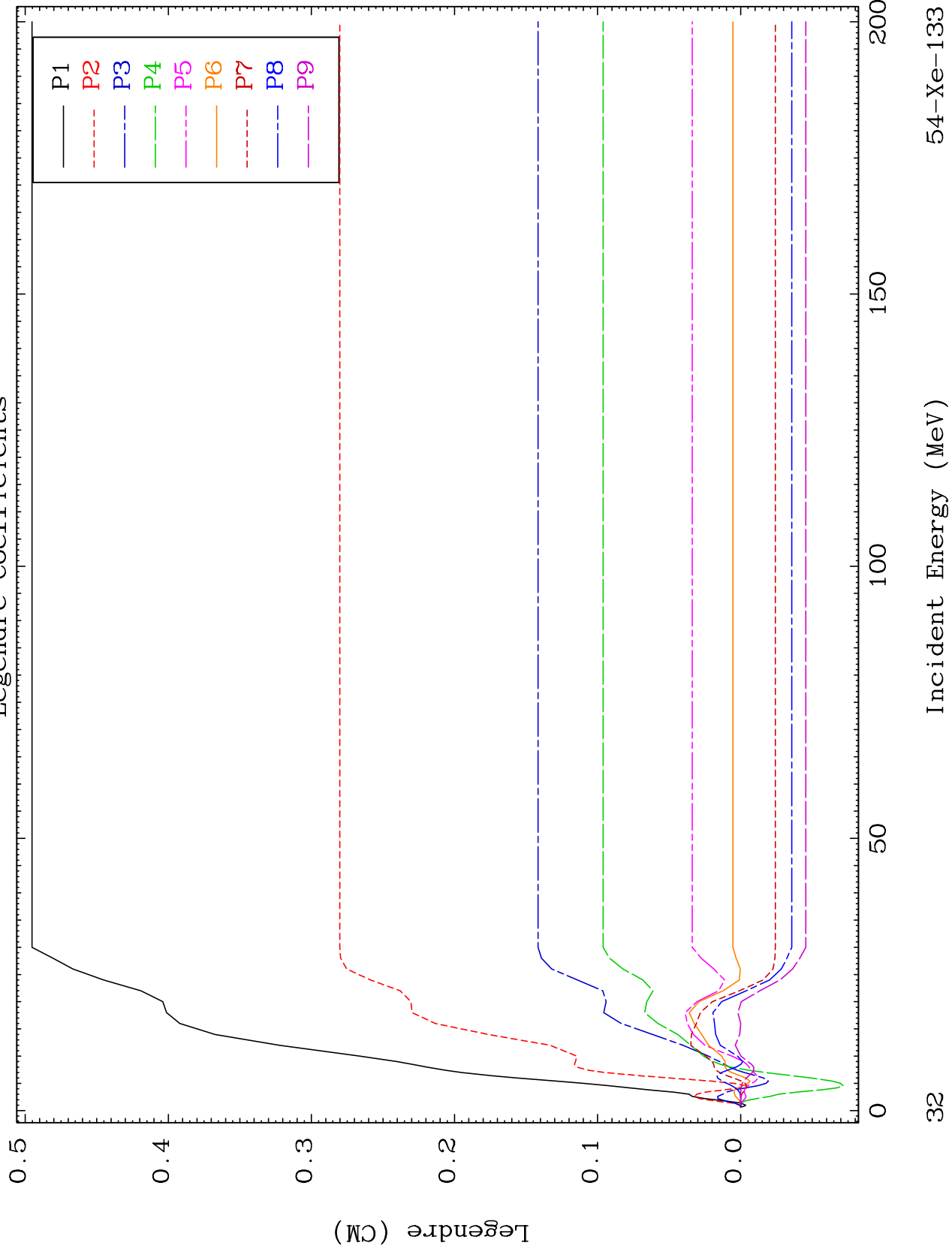
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



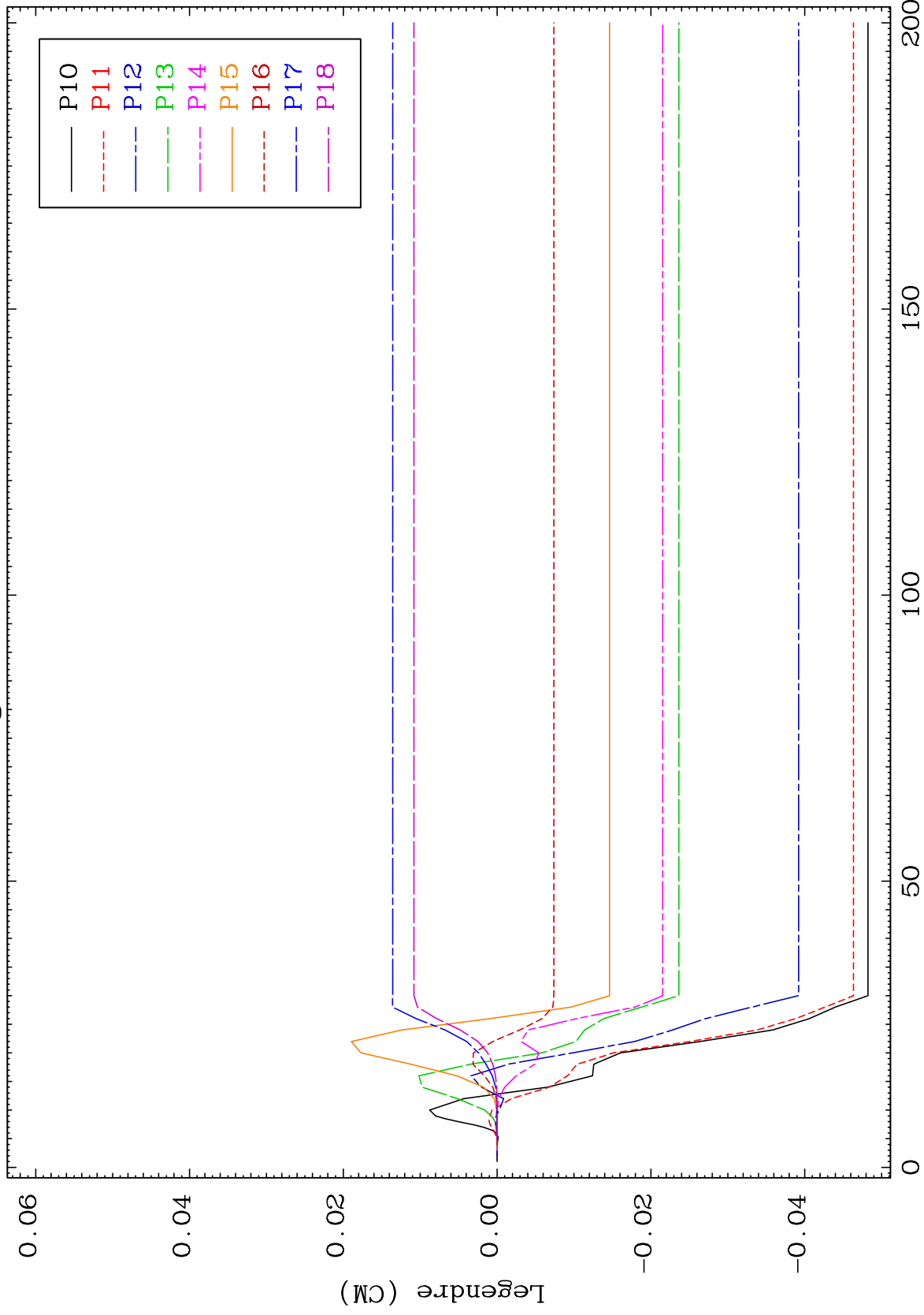
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54-Xe-133

MAT 5452

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

54-Xe-133



33

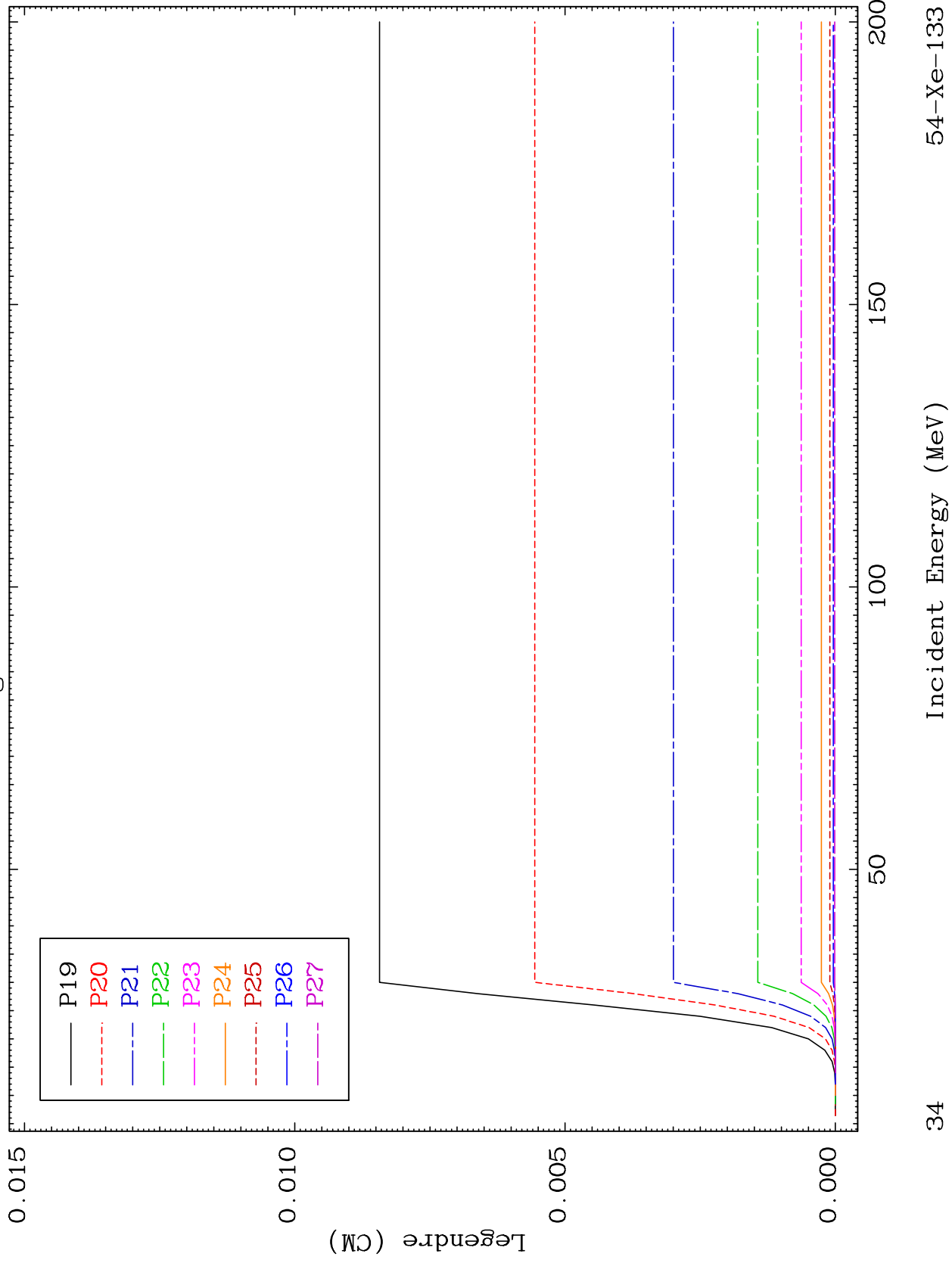
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



34

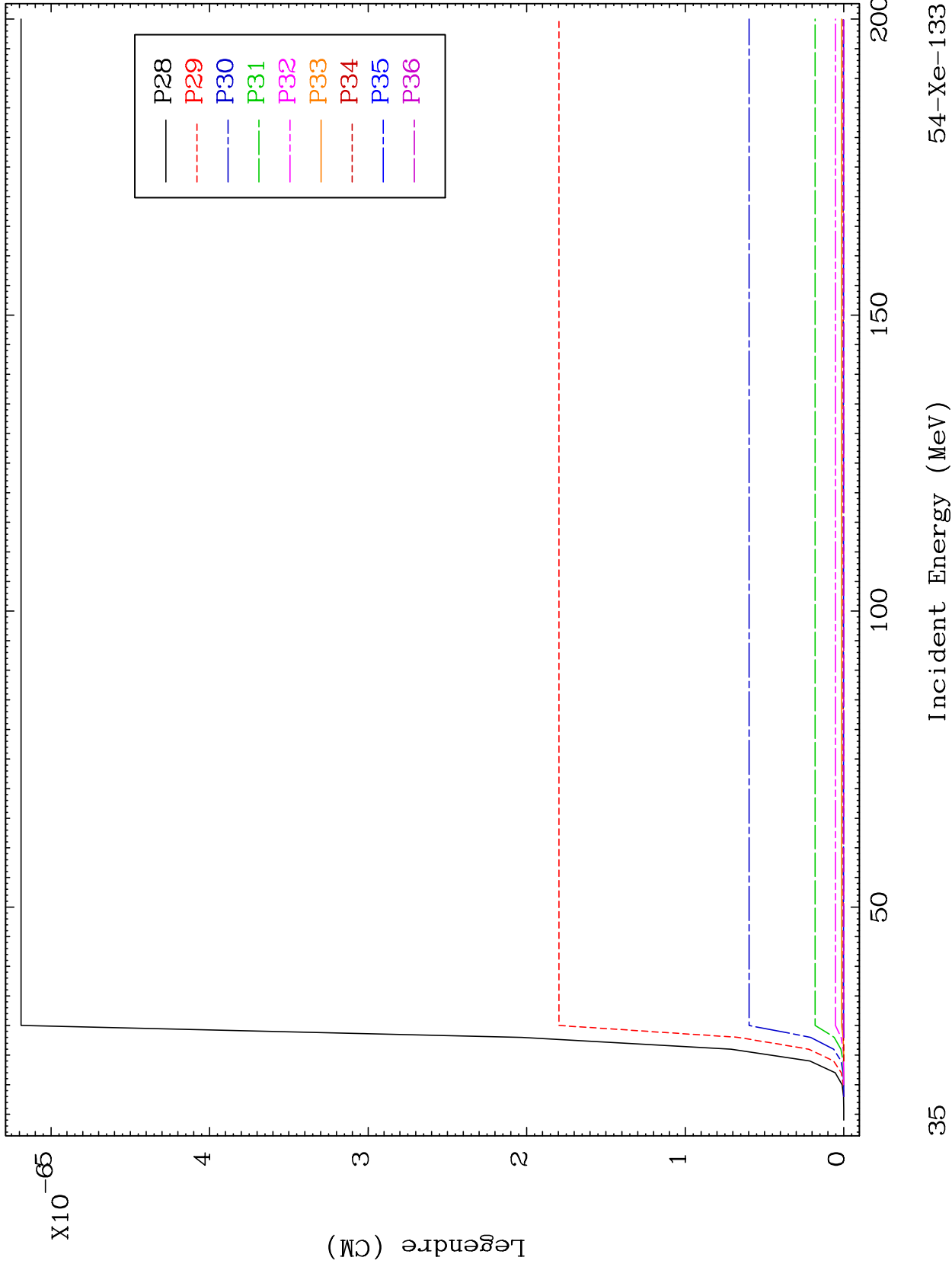
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



35

Incident Energy (MeV)

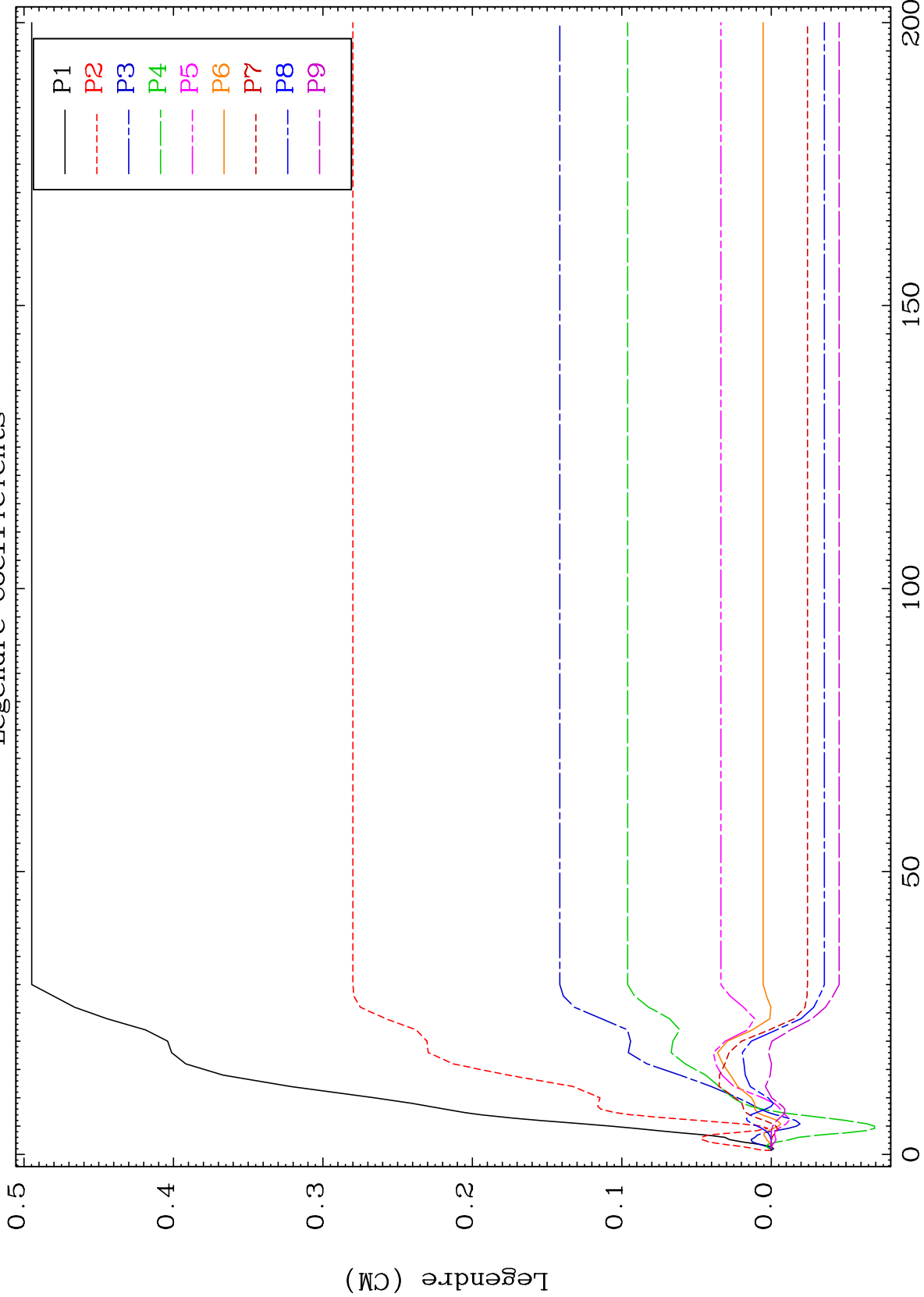
54-Xe-133

MAT 5452

MT= 55 (n,n') Level

54-Xe-133

Legendre Coefficients



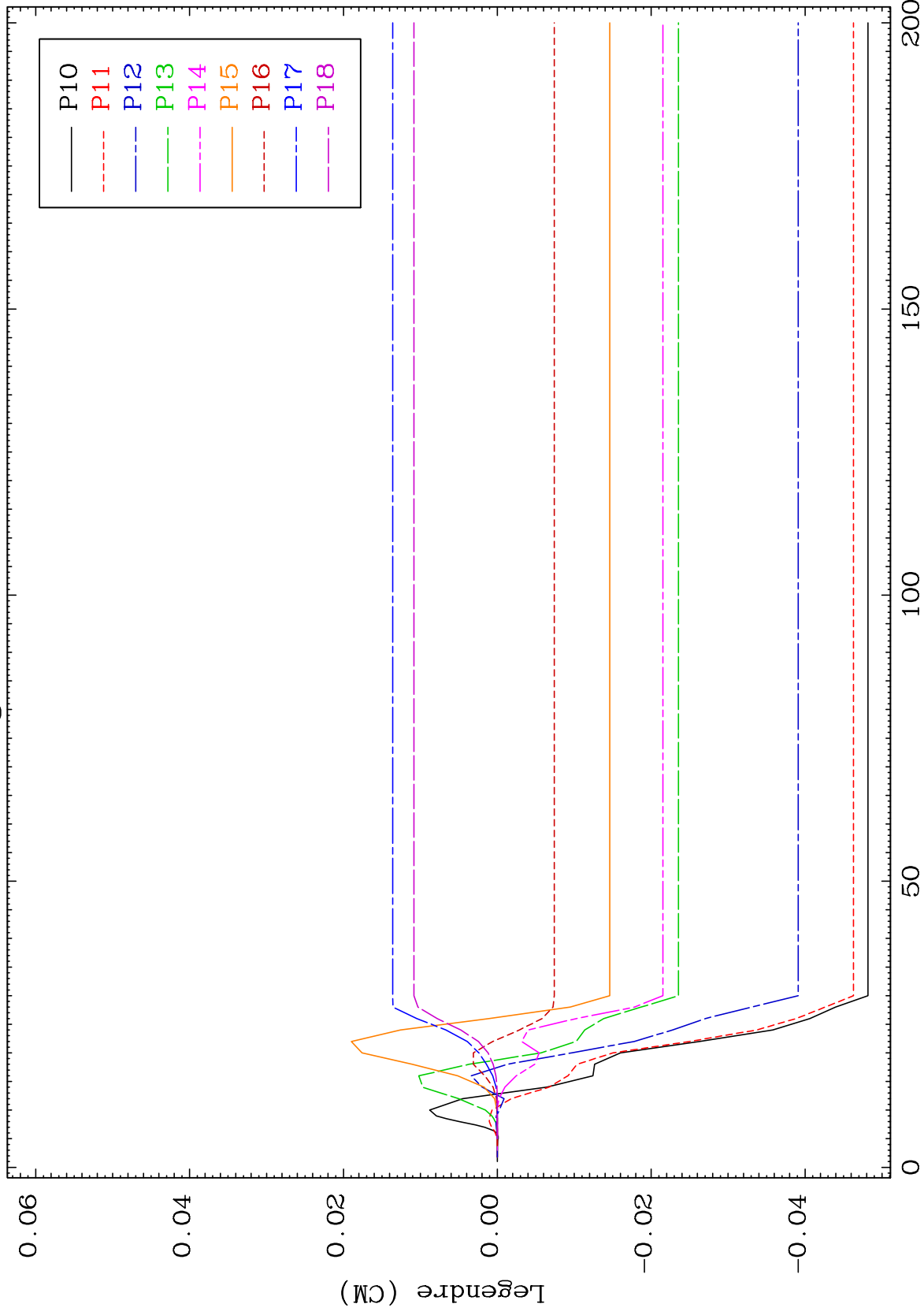
36

54-Xe-133

MAT 5452

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

54-Xe-133



37

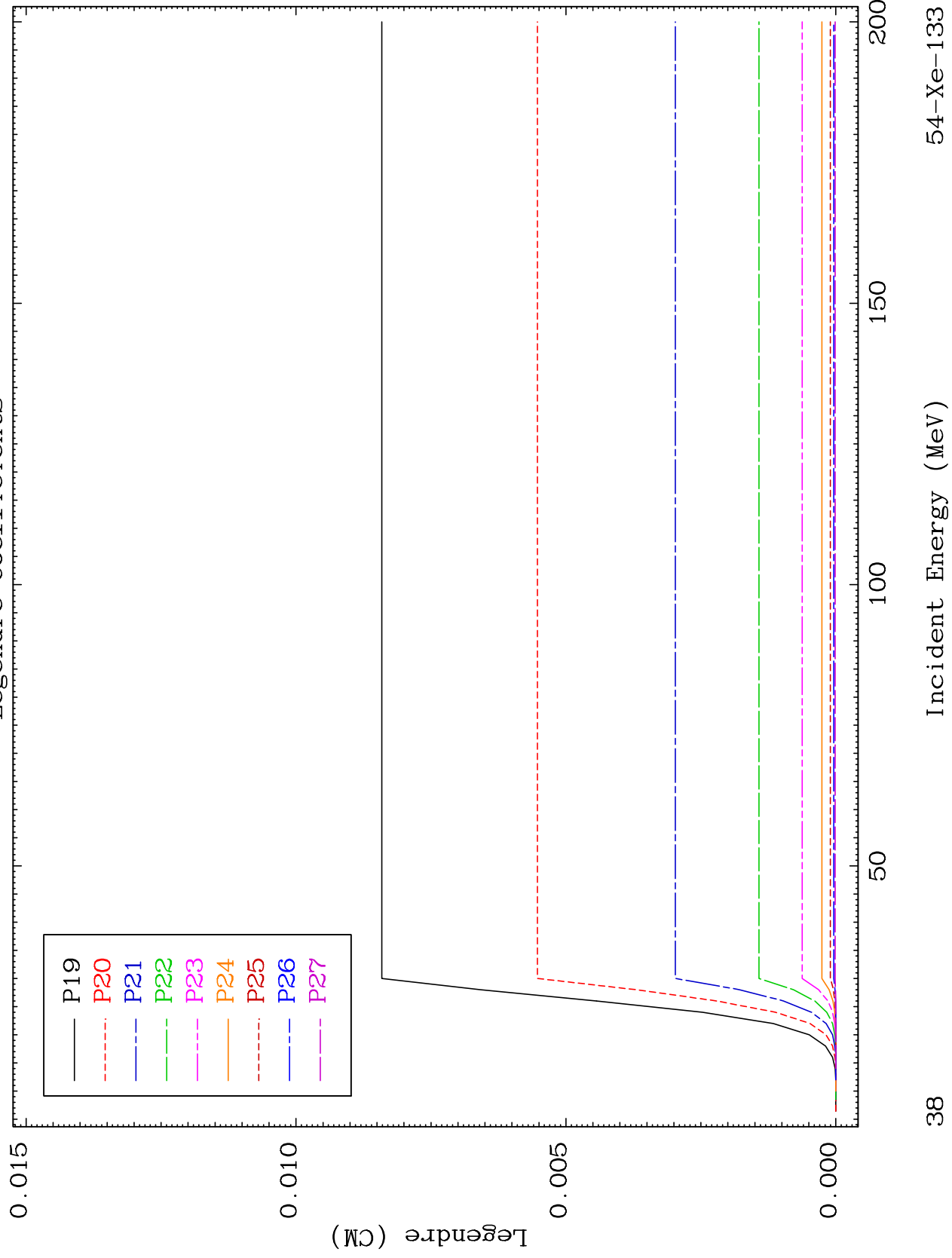
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



38

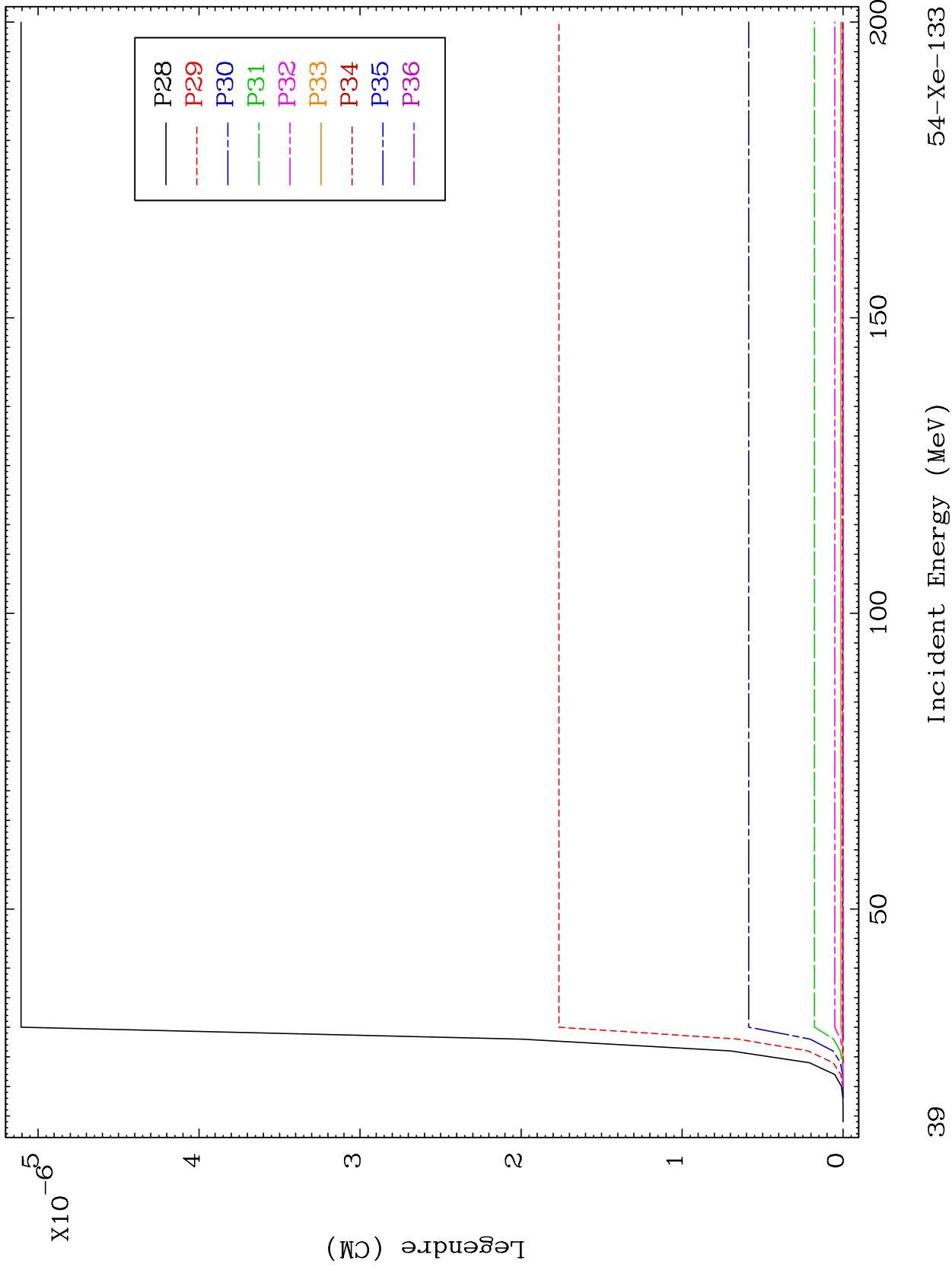
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

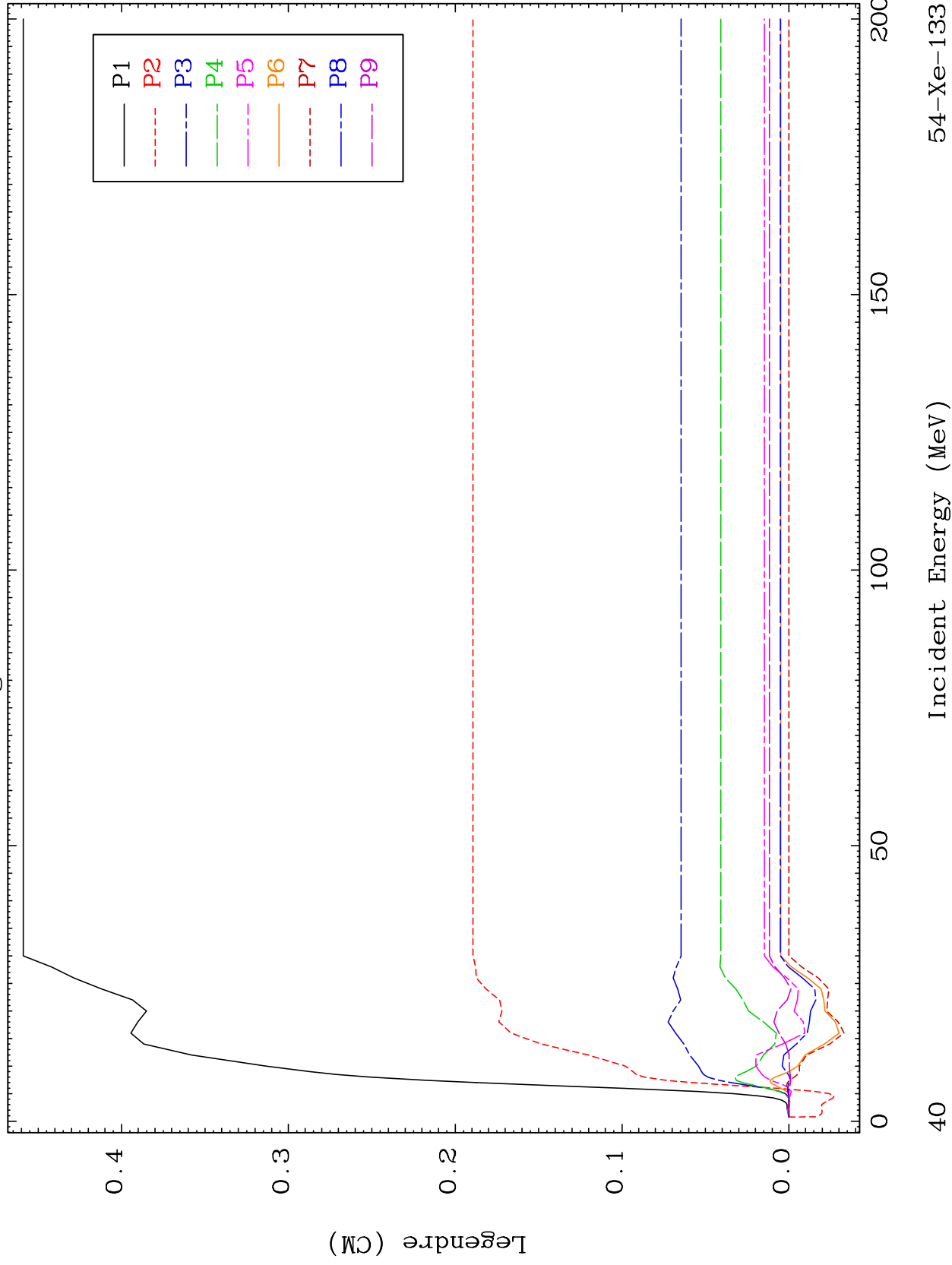
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

Incident Energy (MeV)

40

200

150

100

50

0.4

0.3

0.2

0.1

0.0

P1

P2

P3

P4

P5

P6

P7

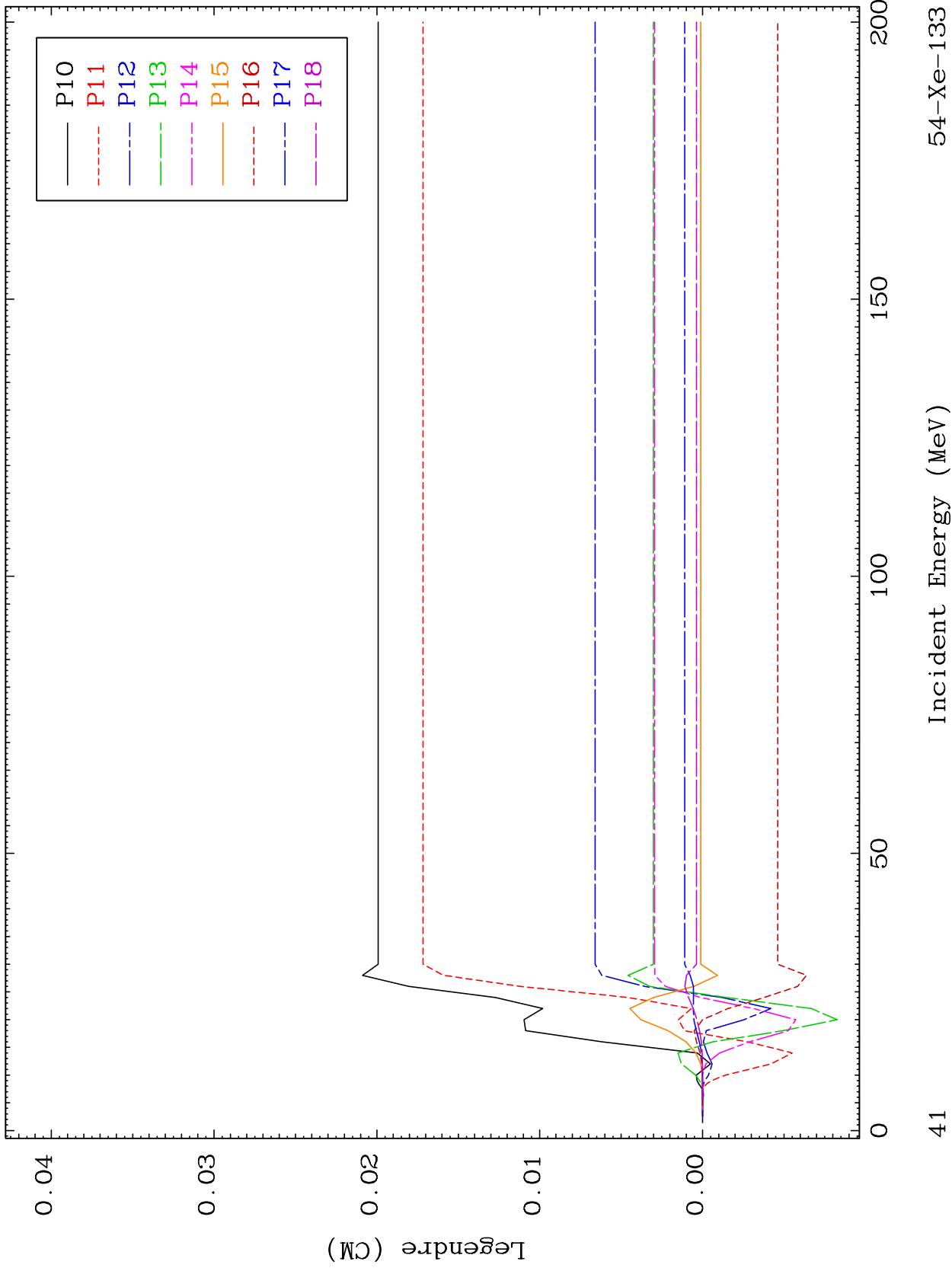
P8

P9

MAT 5452

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

54-Xe-133



54-Xe-133

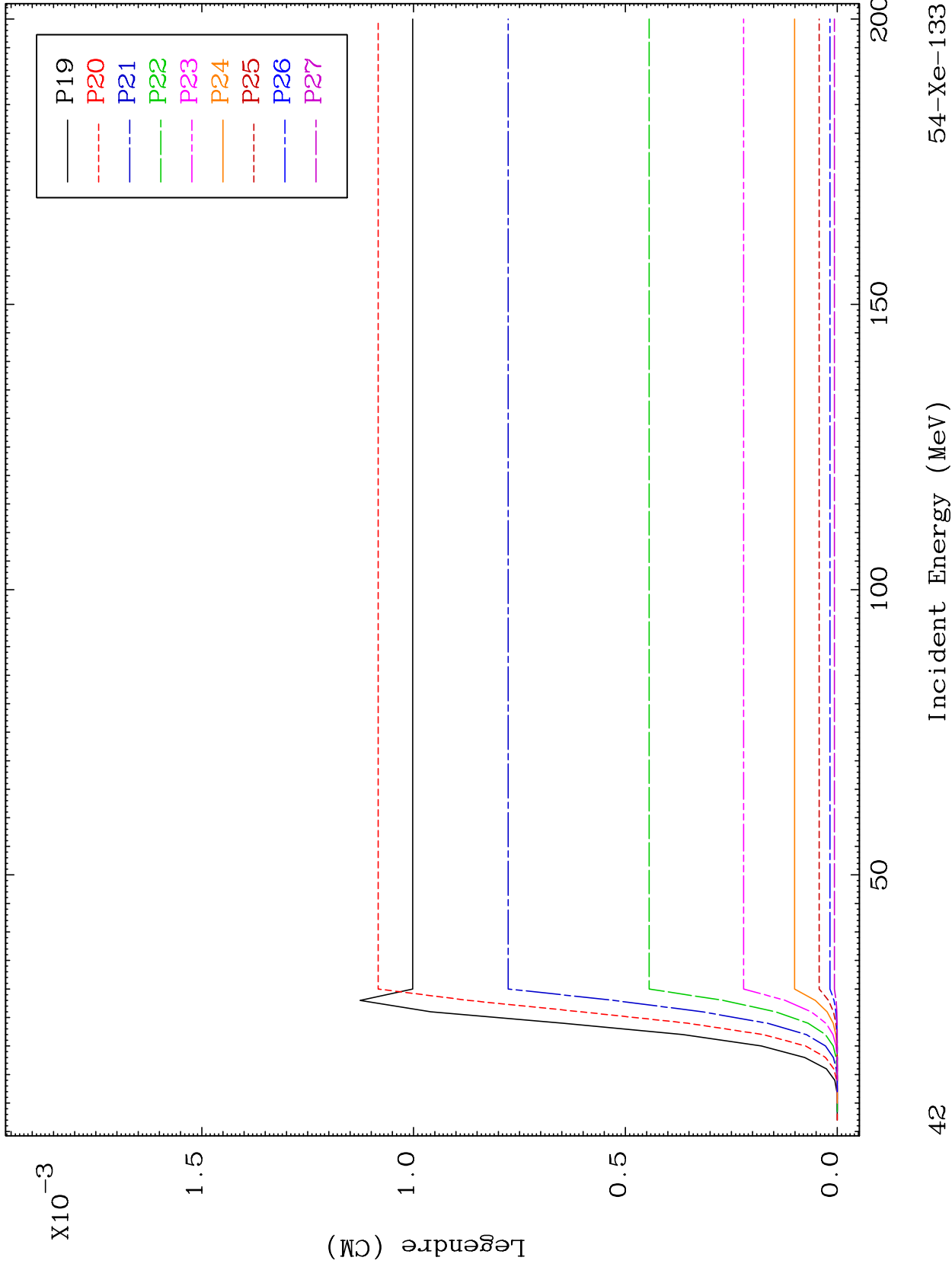
Incident Energy (MeV)

41

MAT 5452

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

54-Xe-133



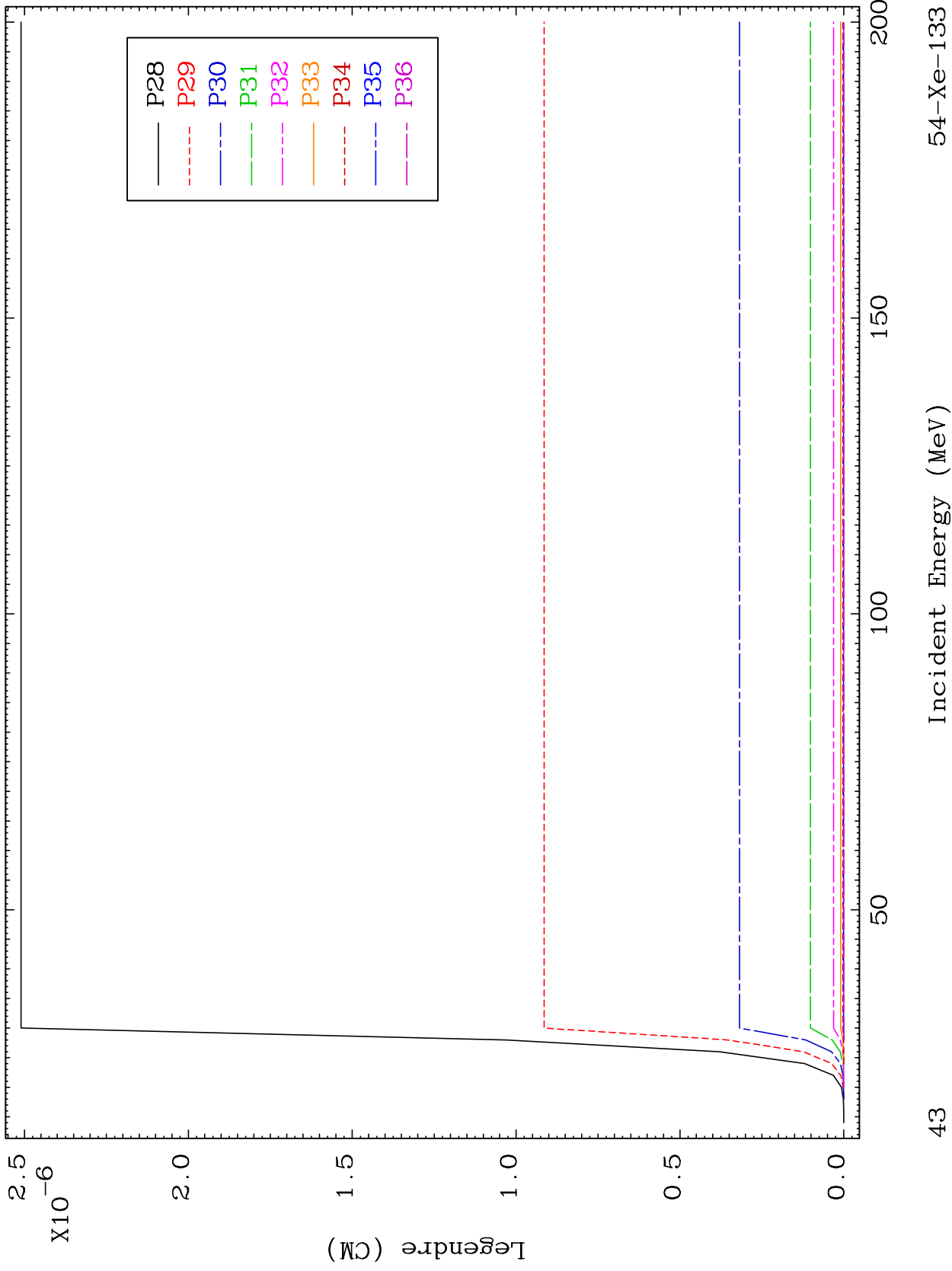
42

54-Xe-133

MAT 5452

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

54-Xe-133



43

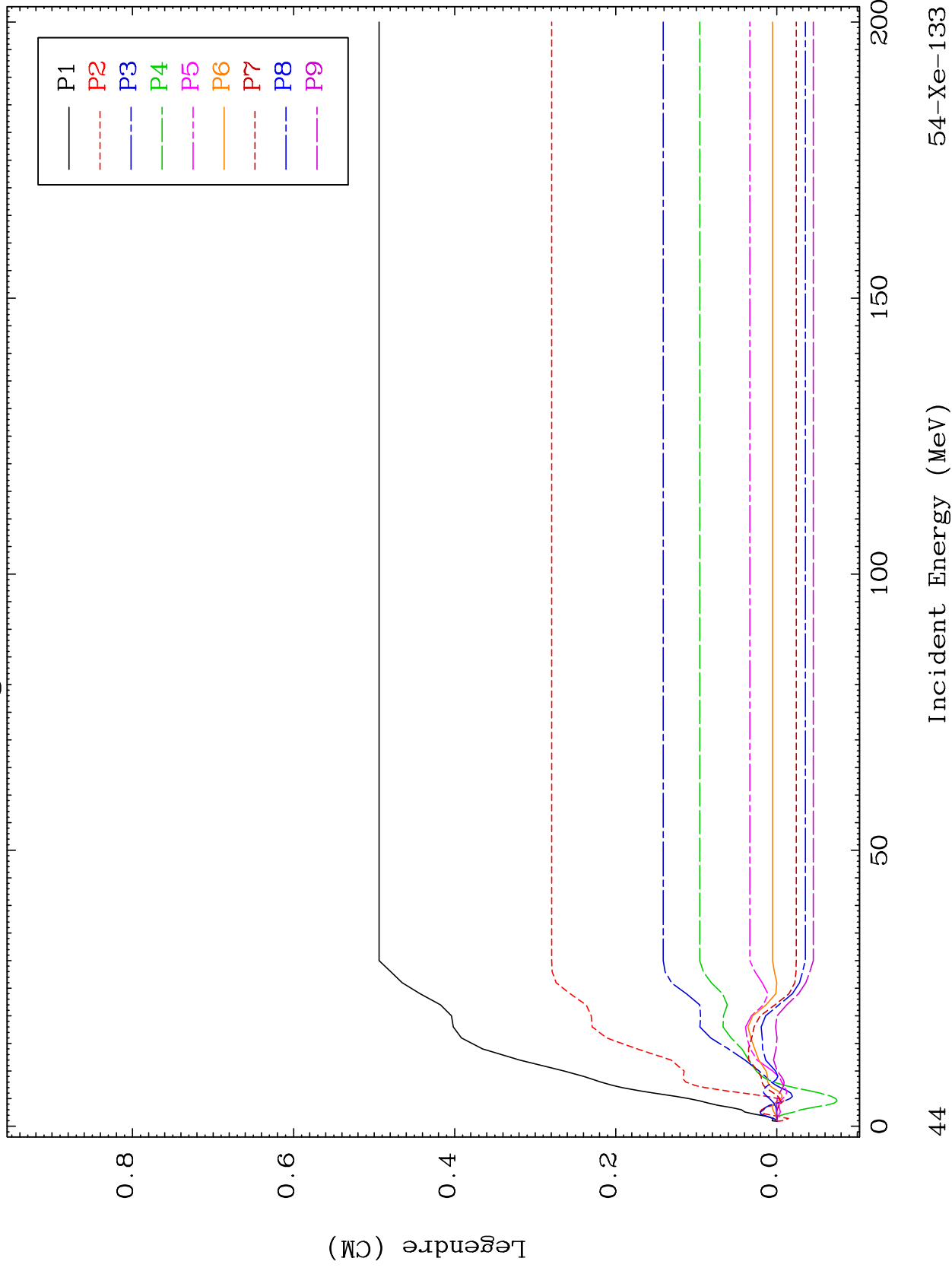
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

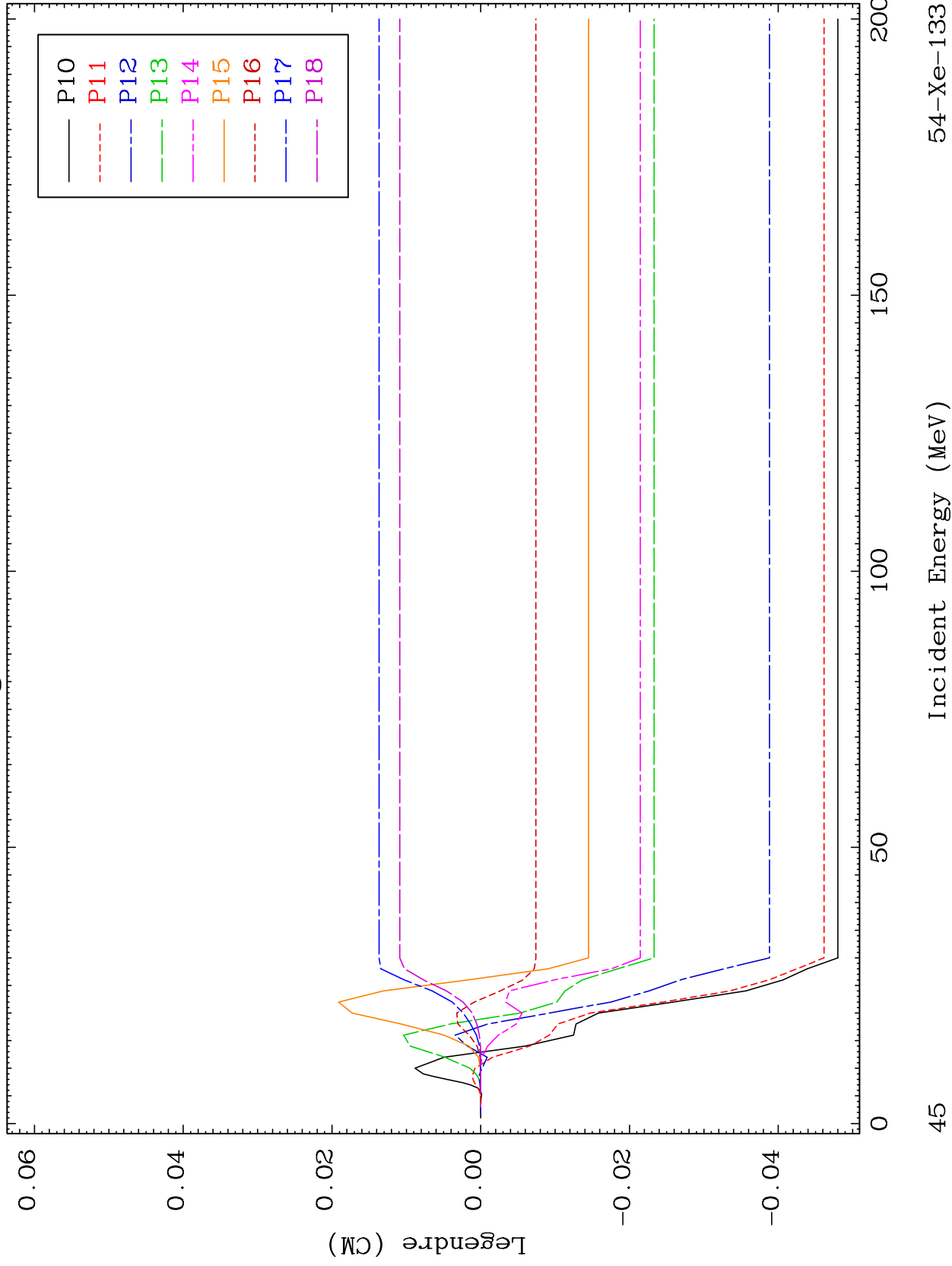
Incident Energy (MeV)

44

MAT 5452

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

54-Xe-133



54-Xe-133

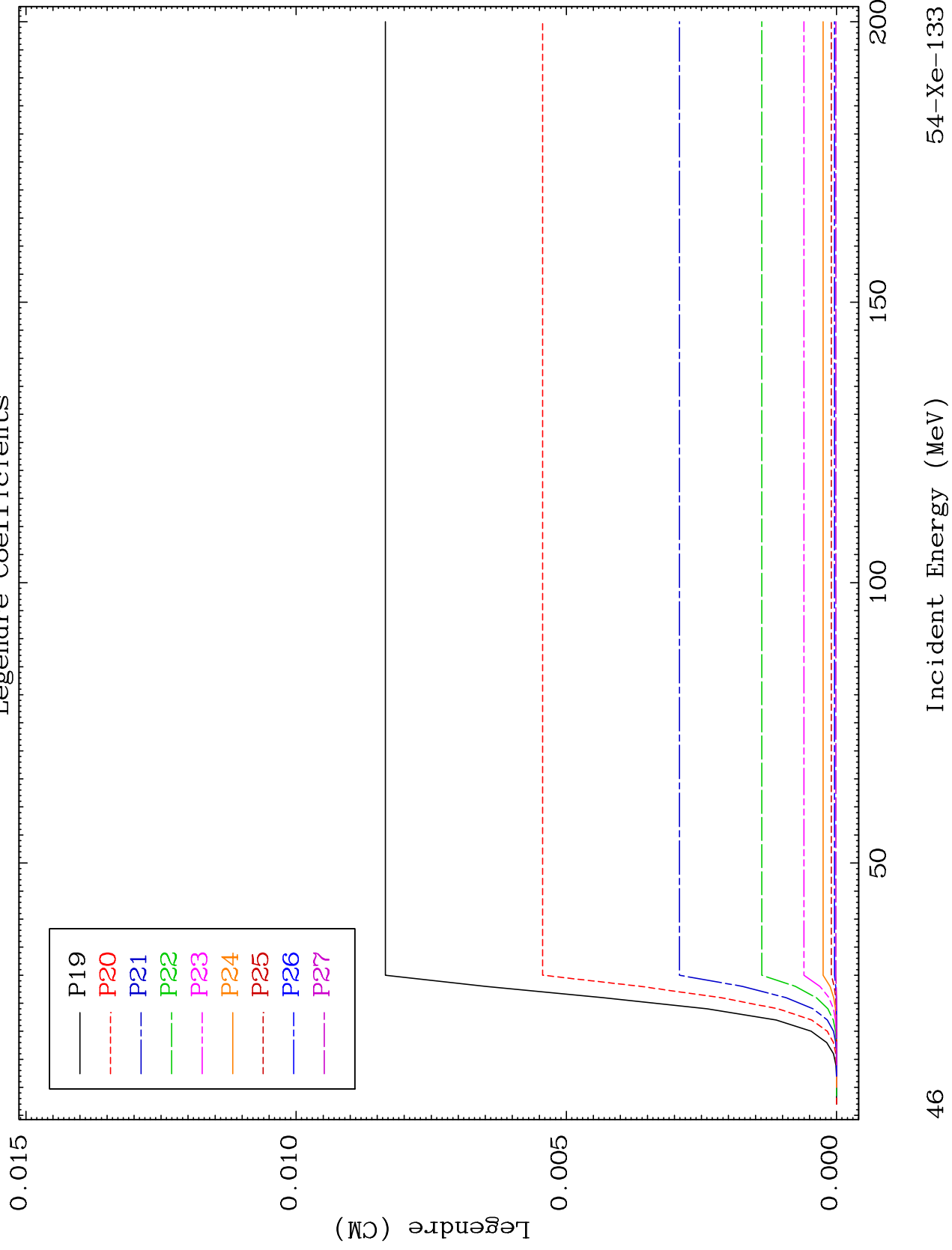
Incident Energy (MeV)

45

MAT 5452

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

54-Xe-133



46

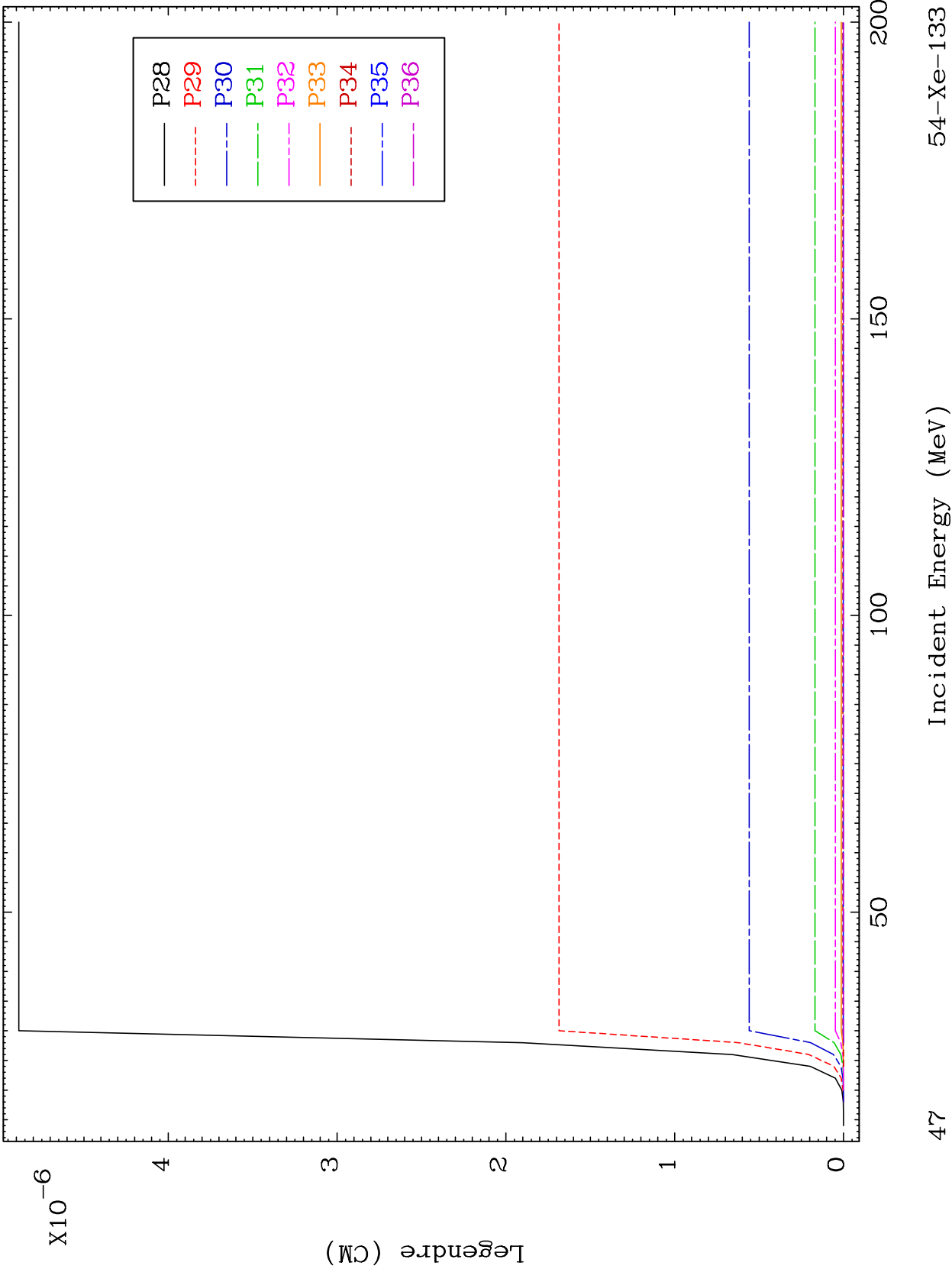
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133

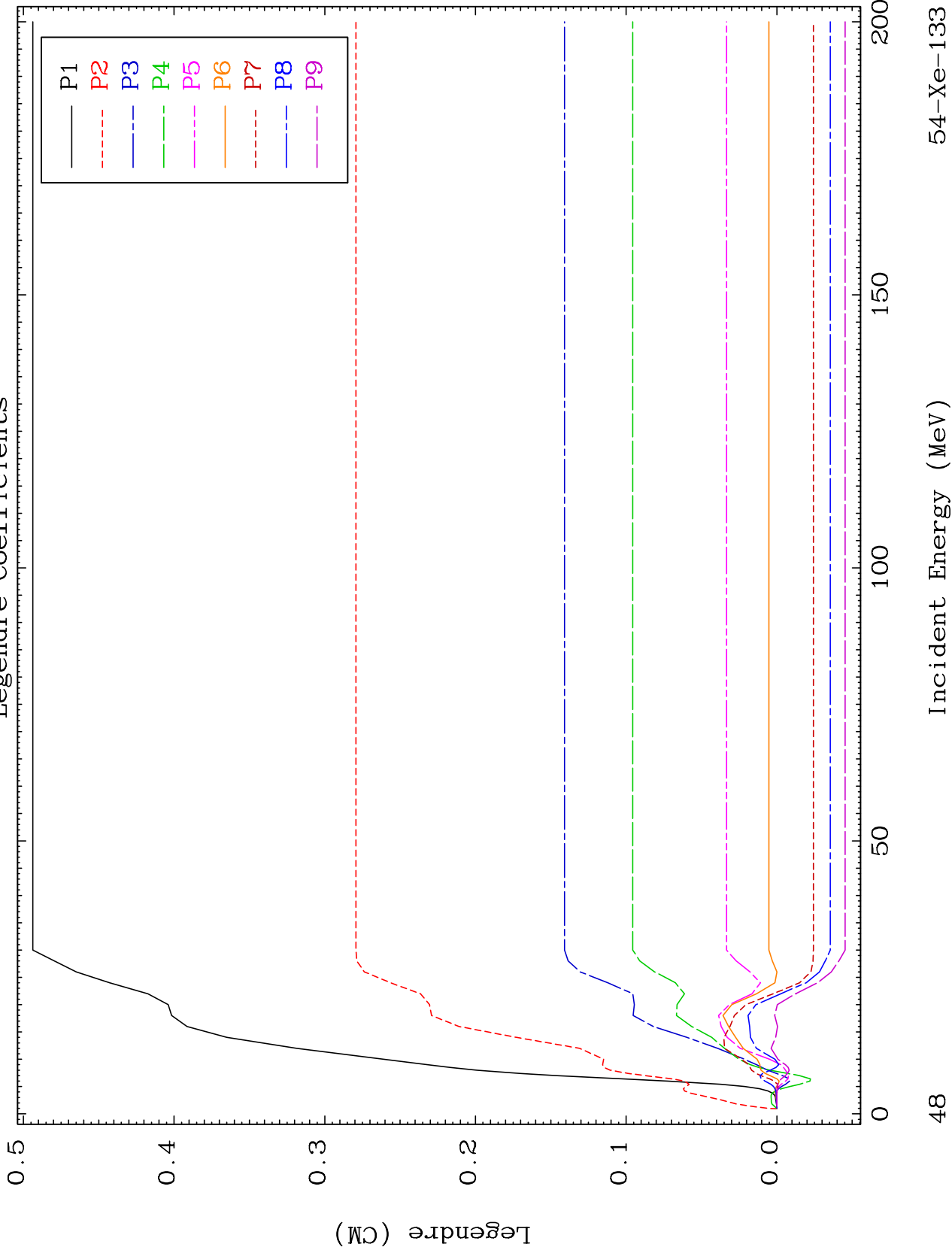


MAT 5452

MT= 58 (n,n') Level

54-Xe-133

Legendre Coefficients



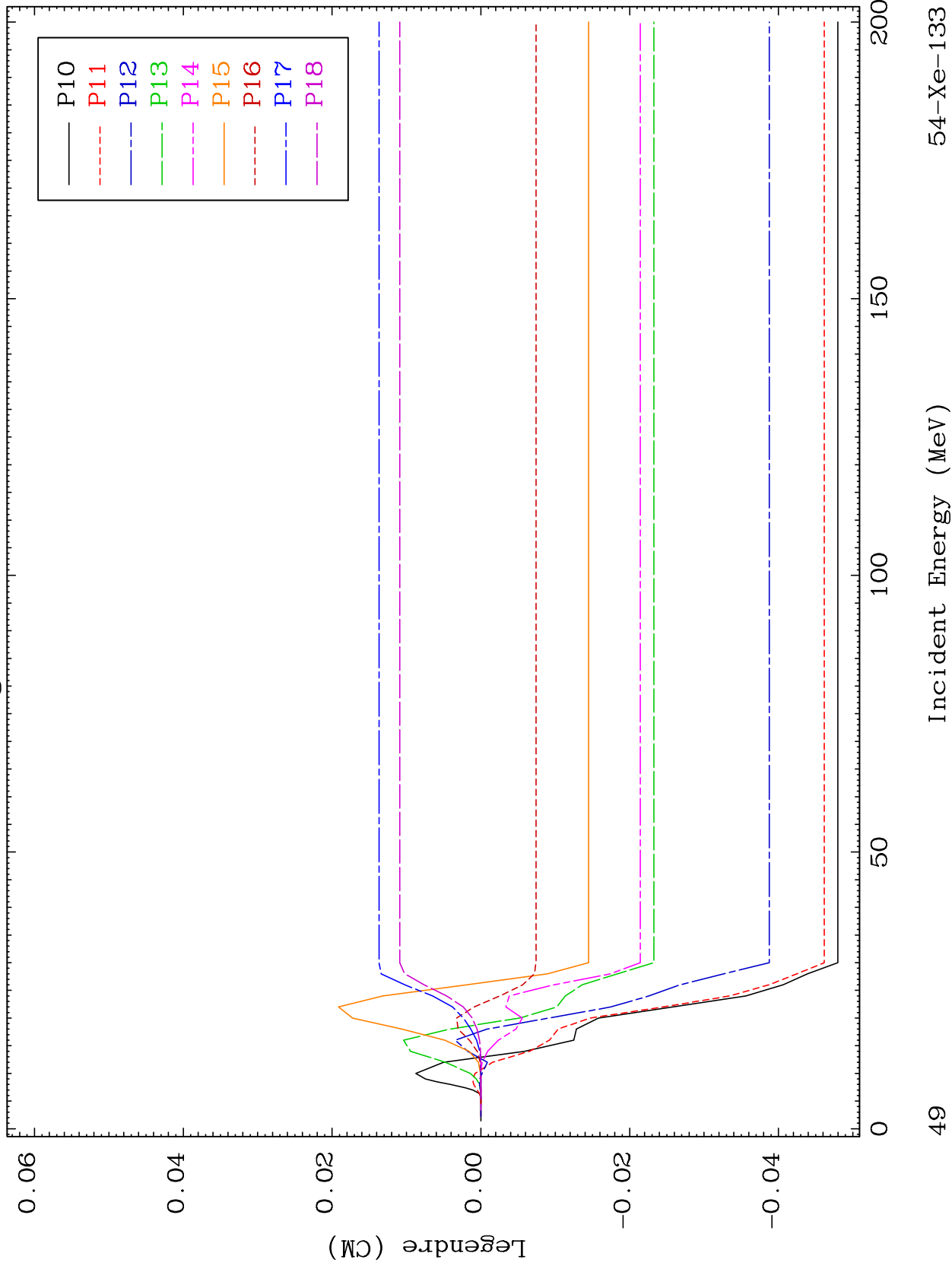
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54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

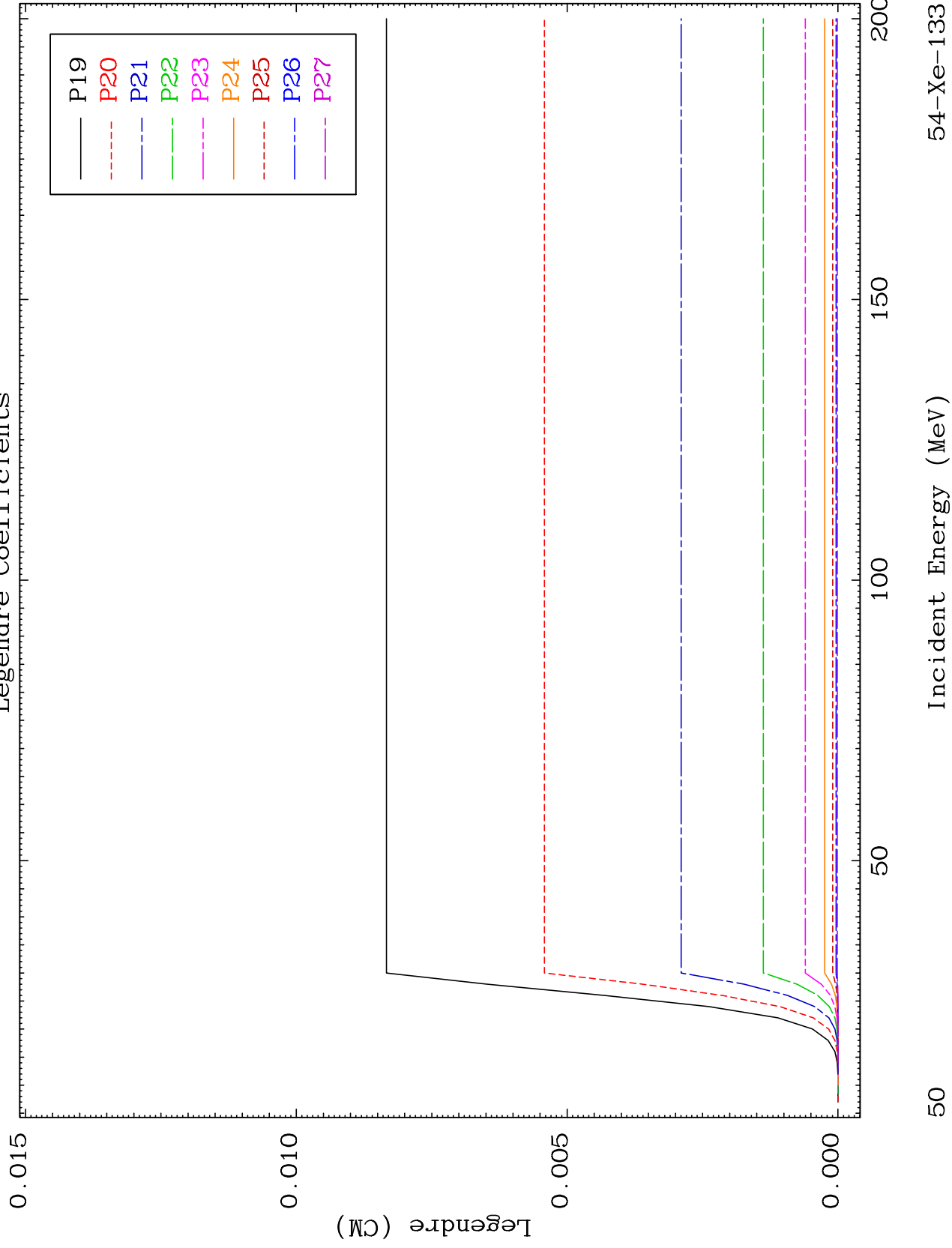
Incident Energy (MeV)

49

MAT 5452

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

54-Xe-133



54-Xe-133

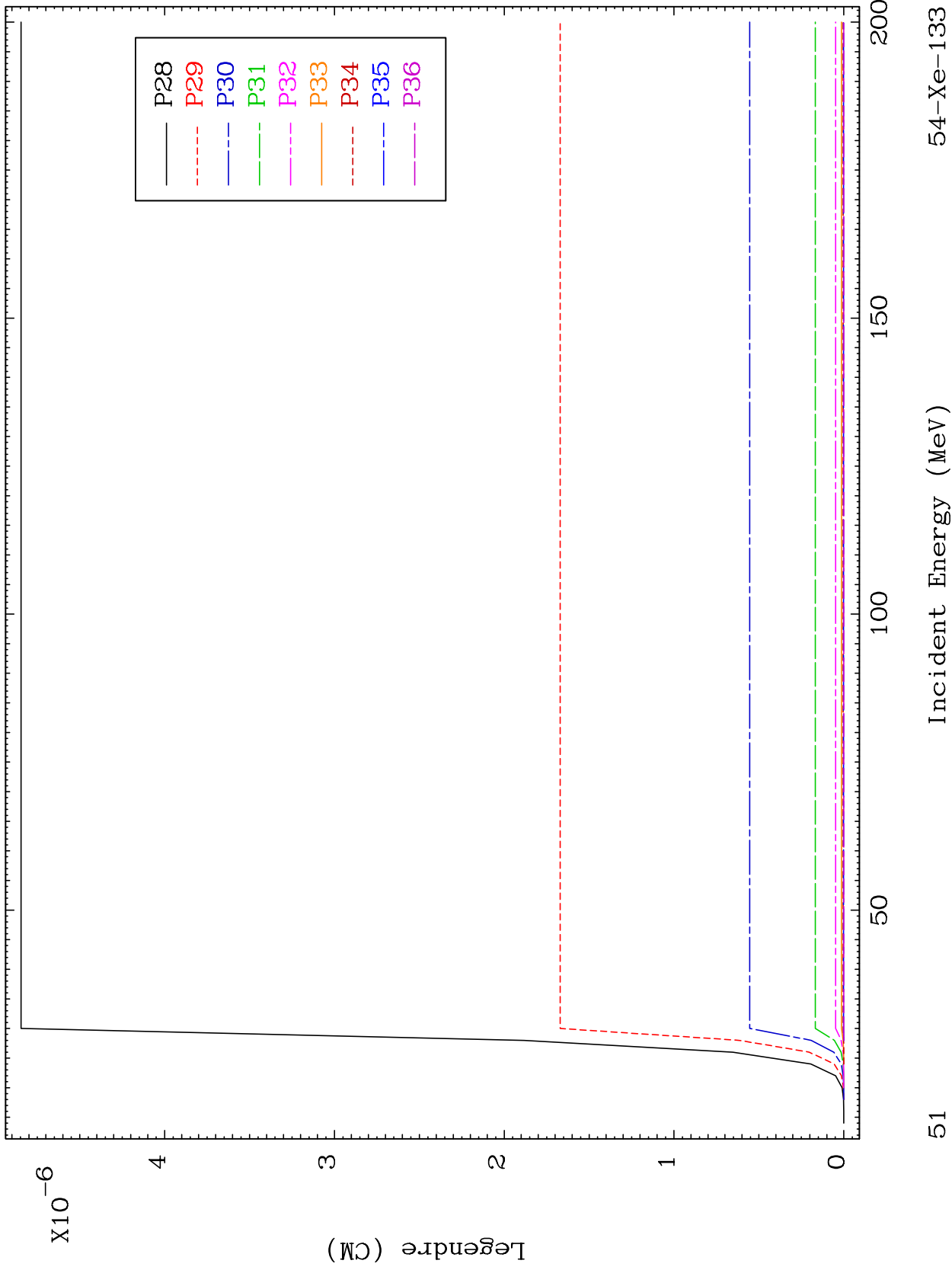
Incident Energy (MeV)

50

MAT 5452

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

54-Xe-133



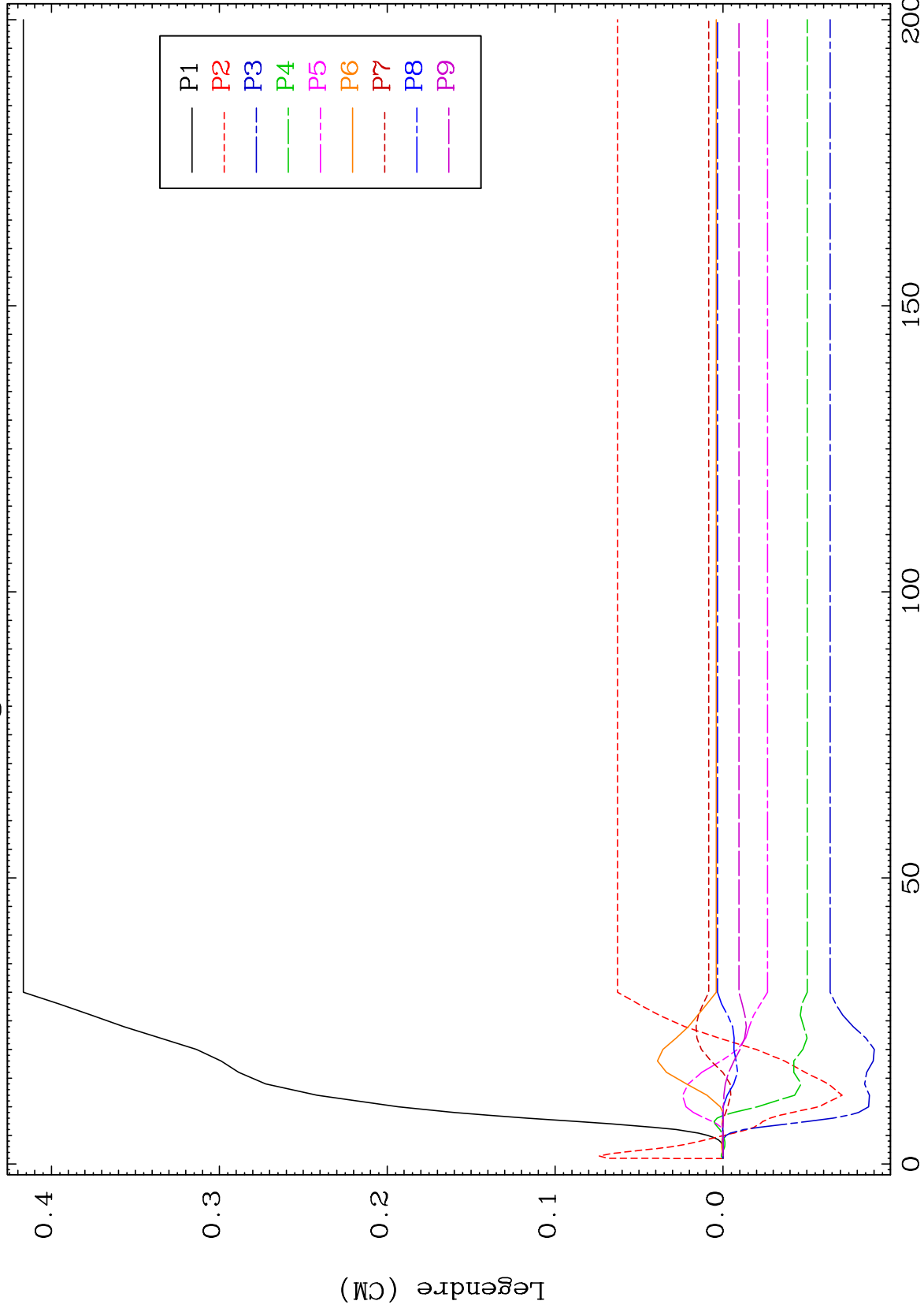
51

54-Xe-133

MAT 5452

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

54-Xe-133



52

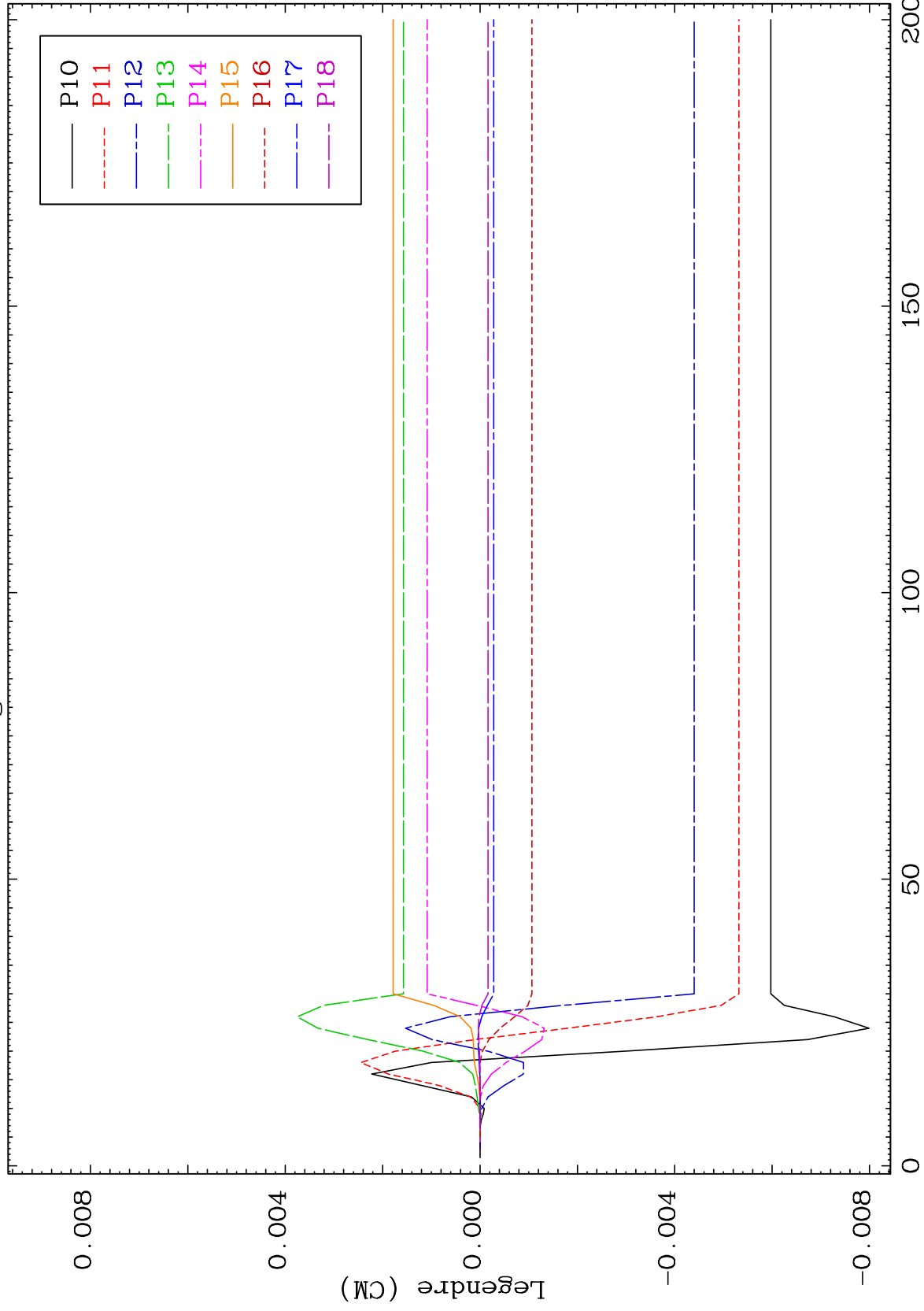
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



53

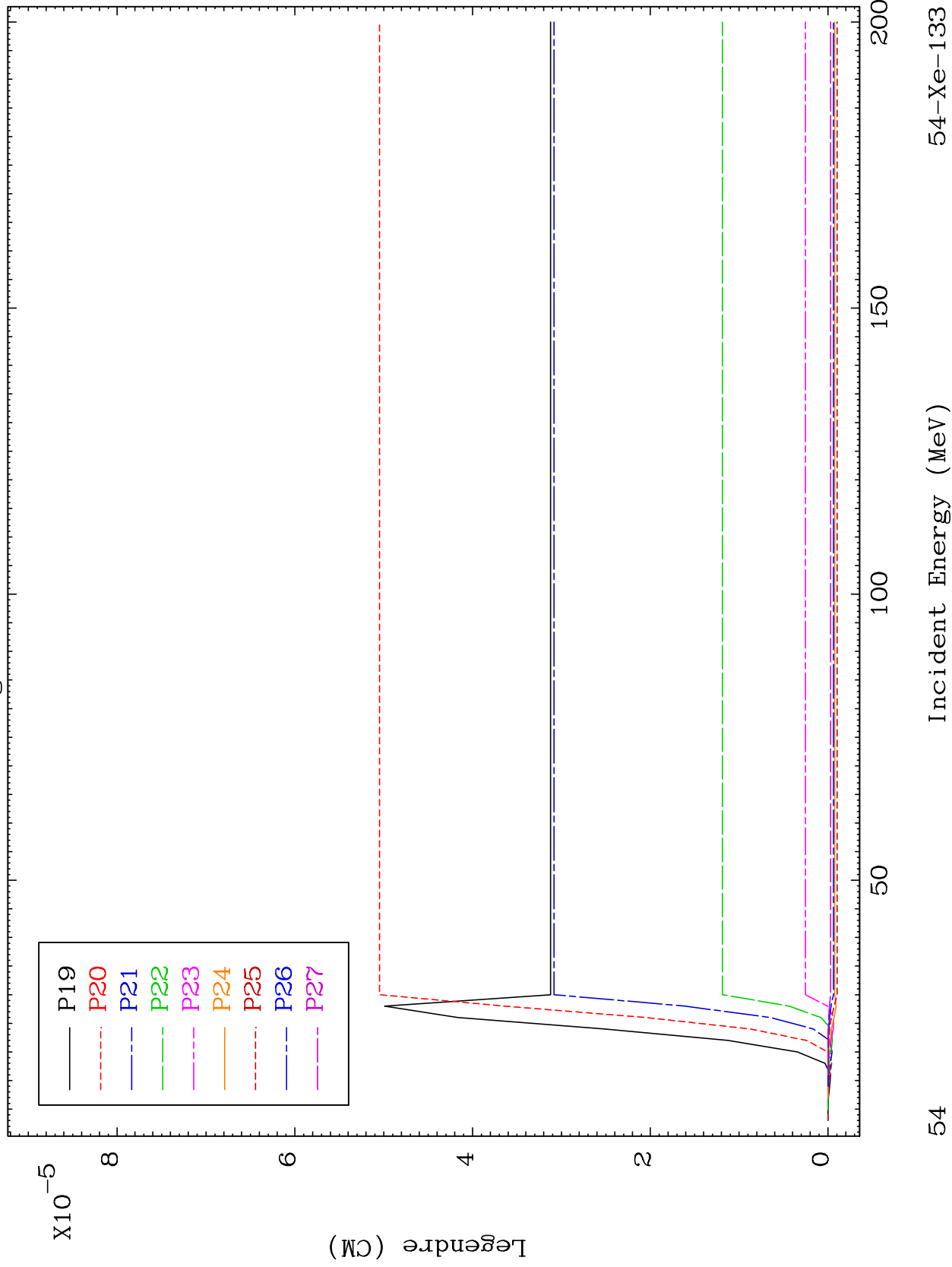
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



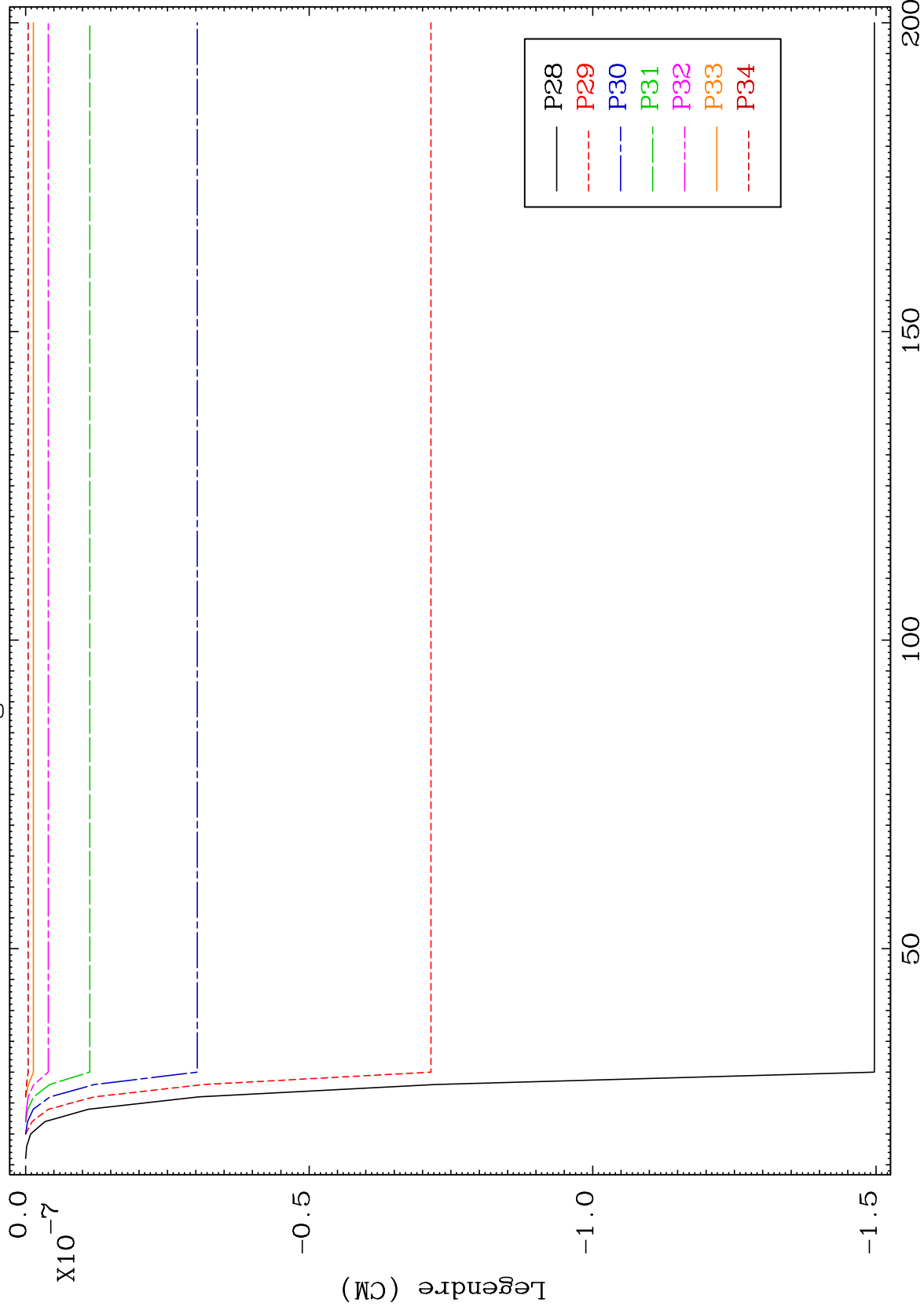
54

54-Xe-133

MAT 5452

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

54-Xe-133



55

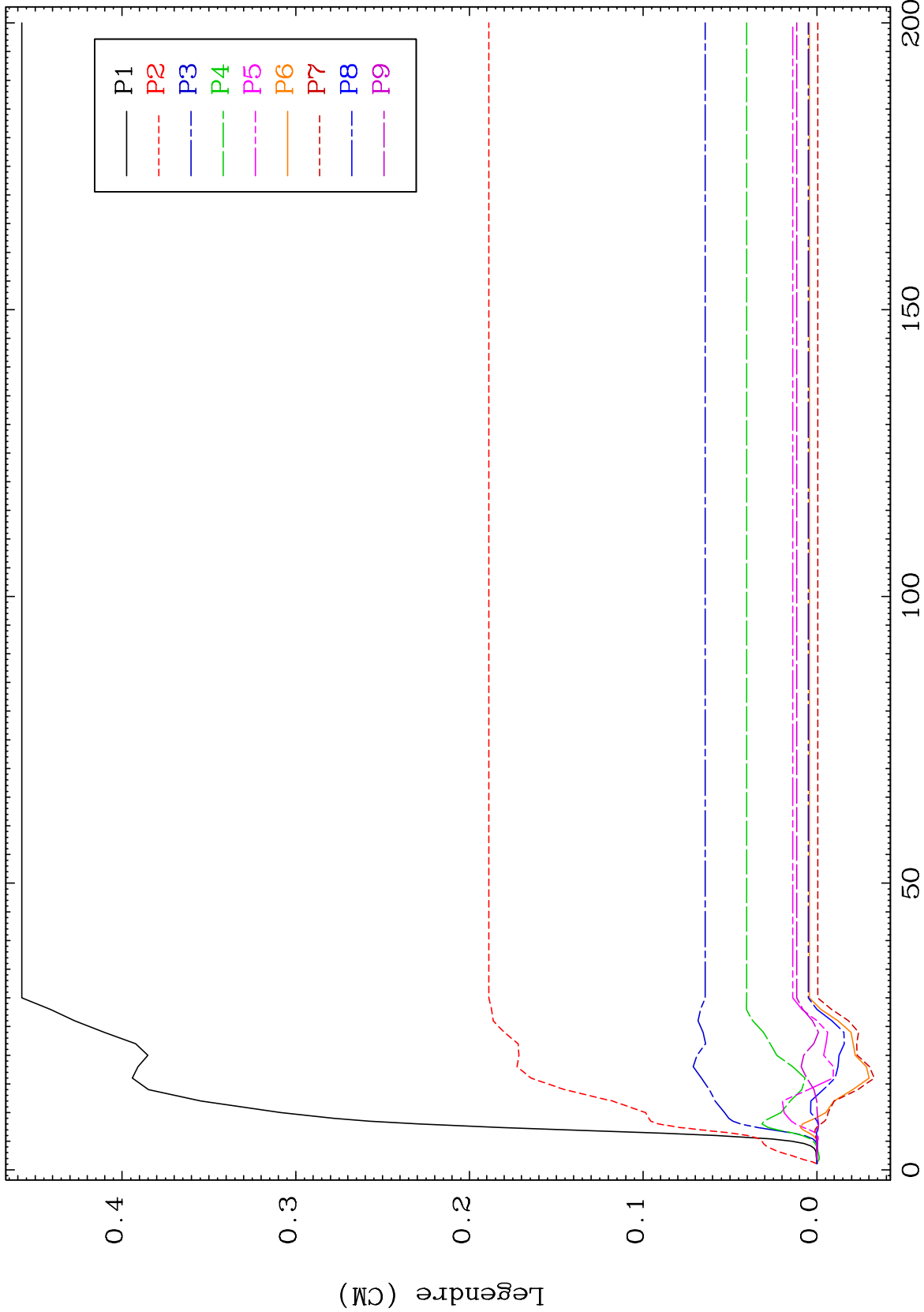
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

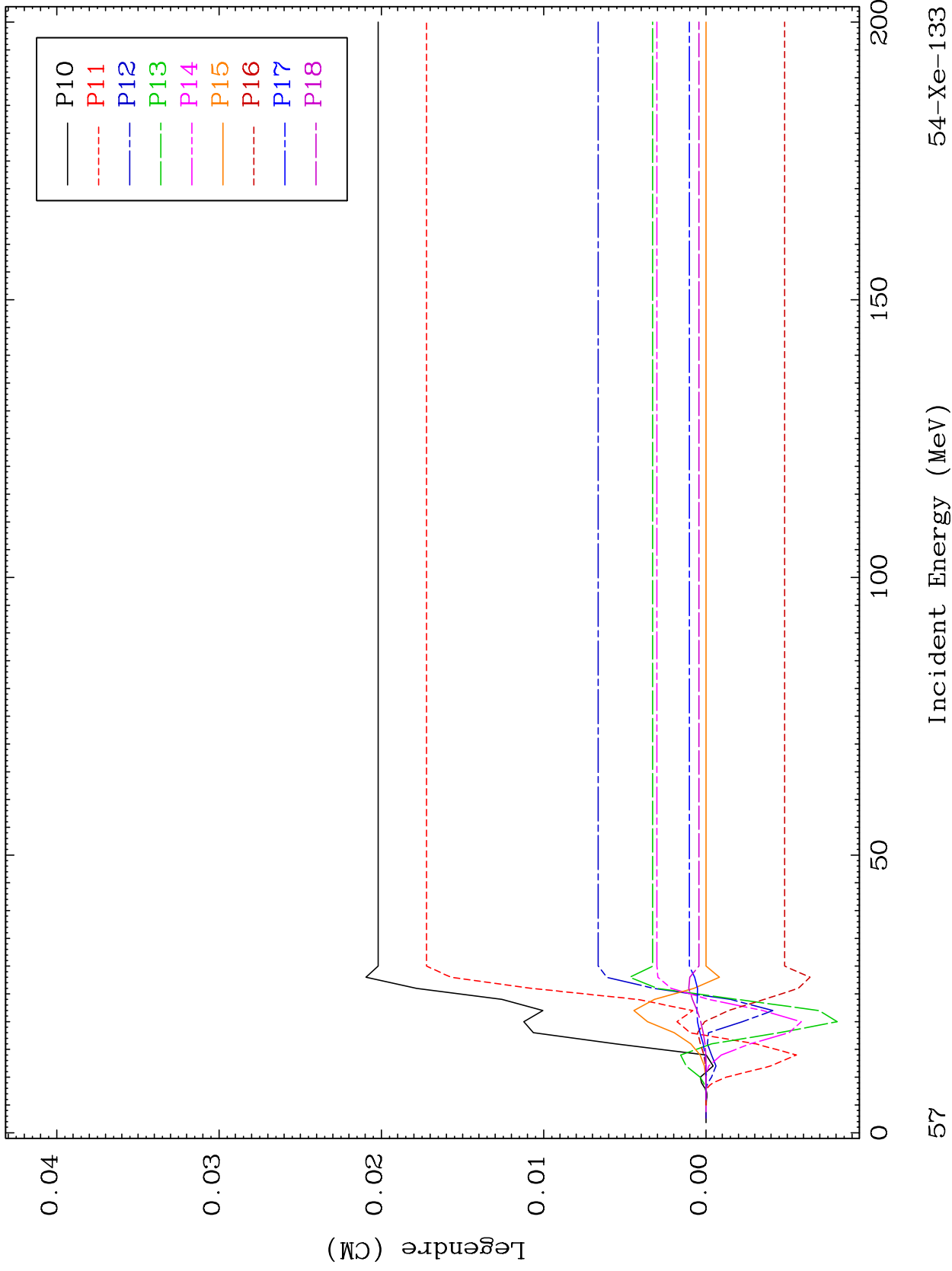
Incident Energy (MeV)

56

MAT 5452

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

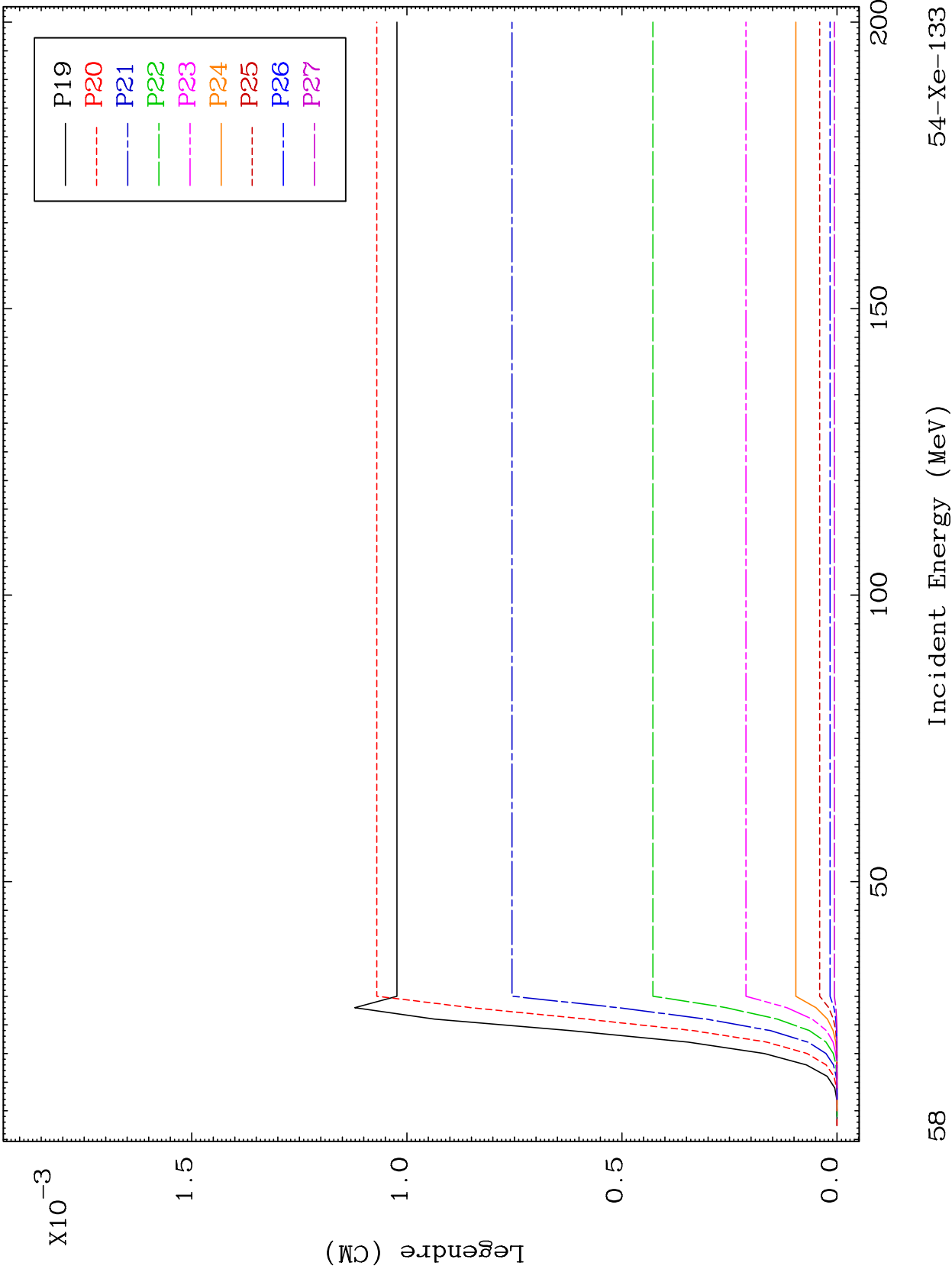
54-Xe-133



54-Xe-133

Incident Energy (MeV)

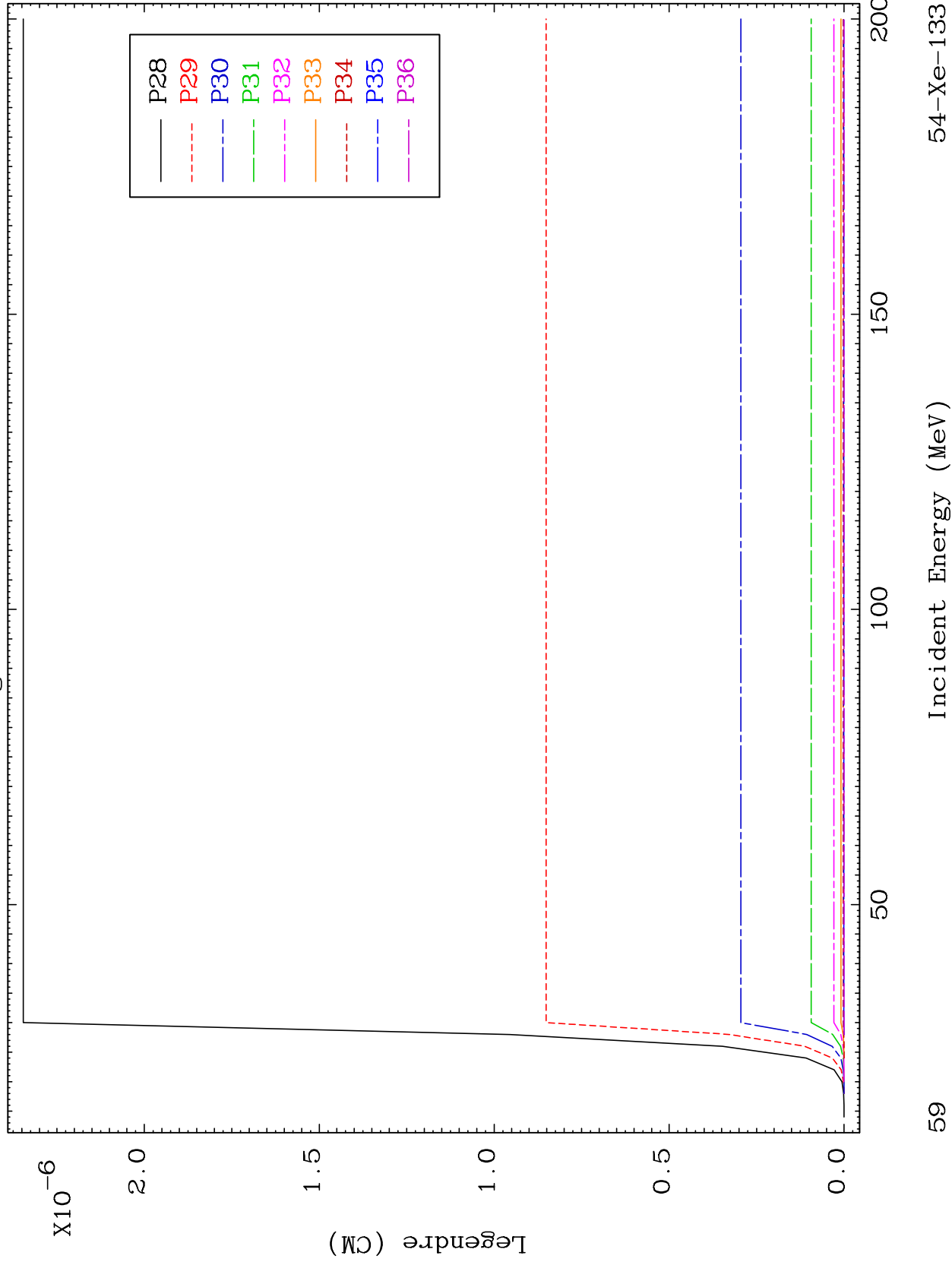
57



MAT 5452

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

54-Xe-133



59

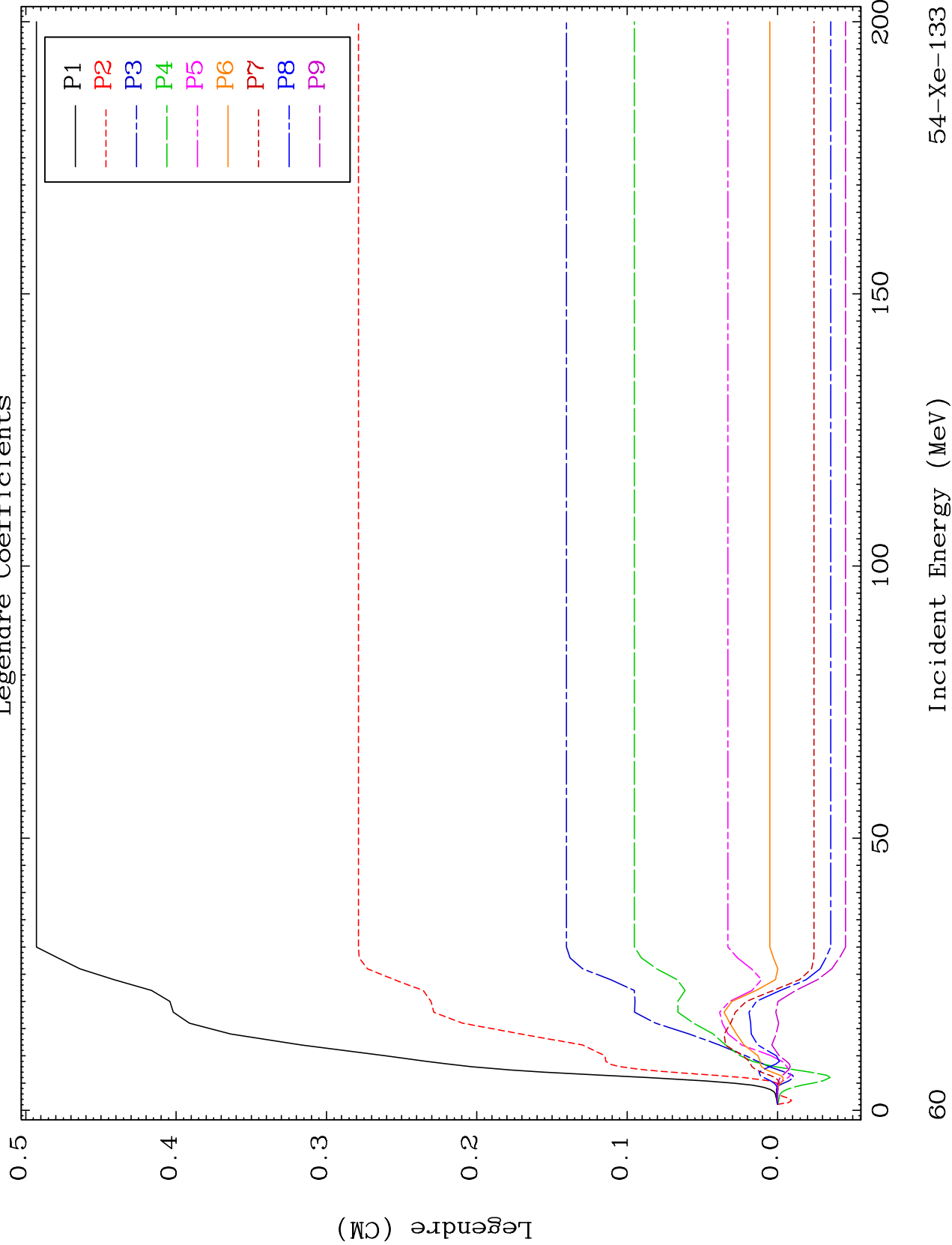
54-Xe-133

MAT 5452

MT= 61 (n,n') Level

54-Xe-133

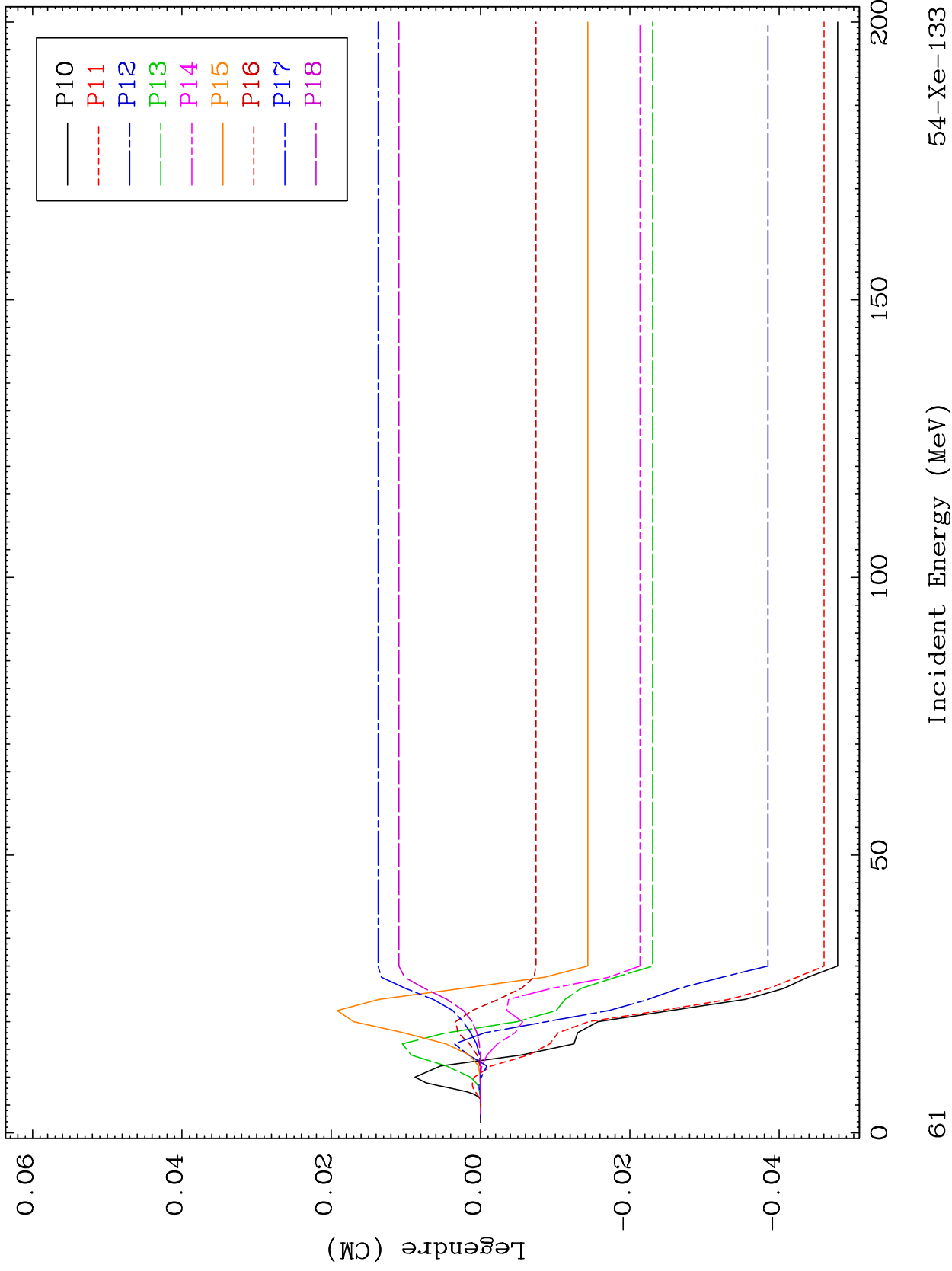
Legendre Coefficients



MAT 5452

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

54-Xe-133



54-Xe-133

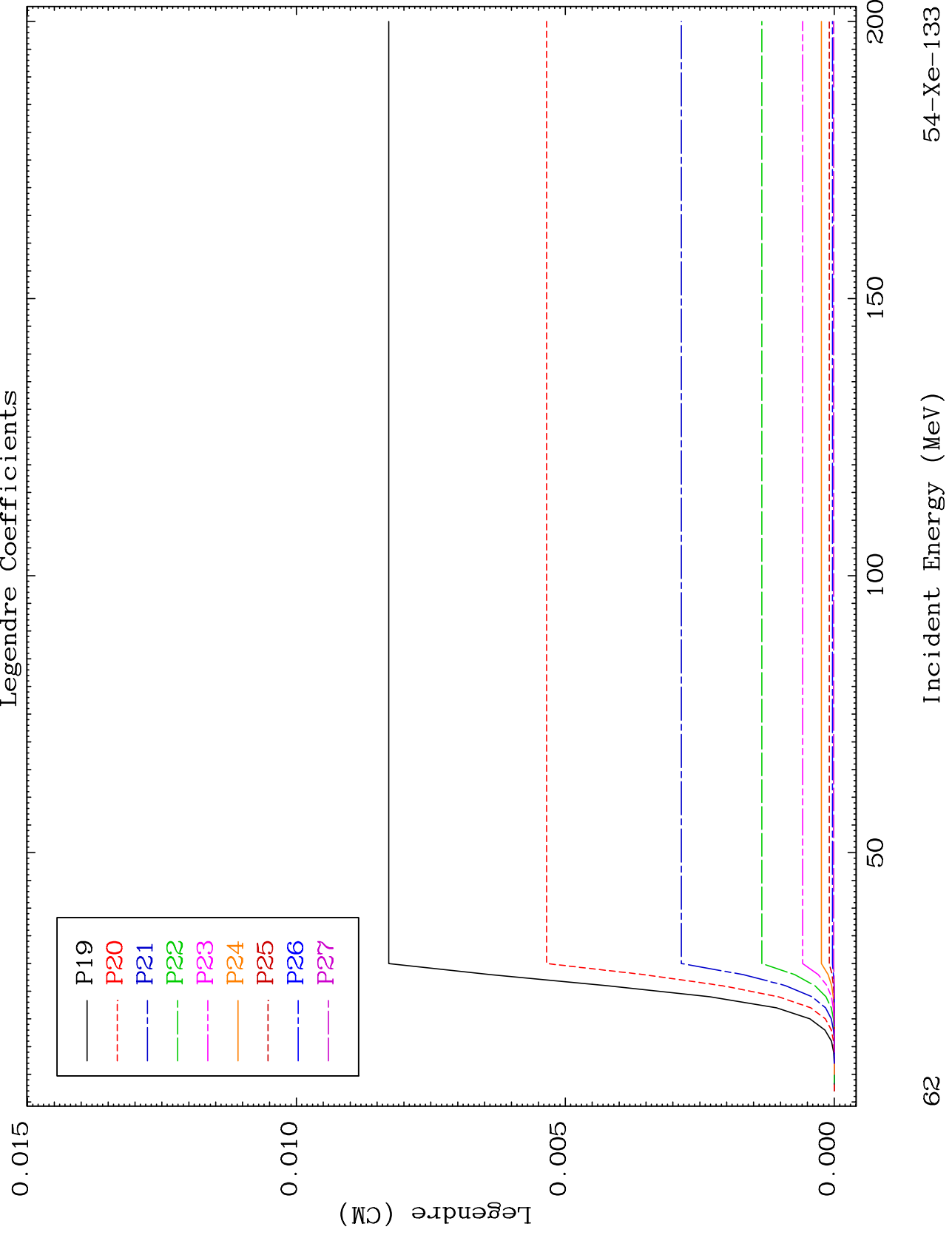
Incident Energy (MeV)

61

MAT 5452

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

54-Xe-133



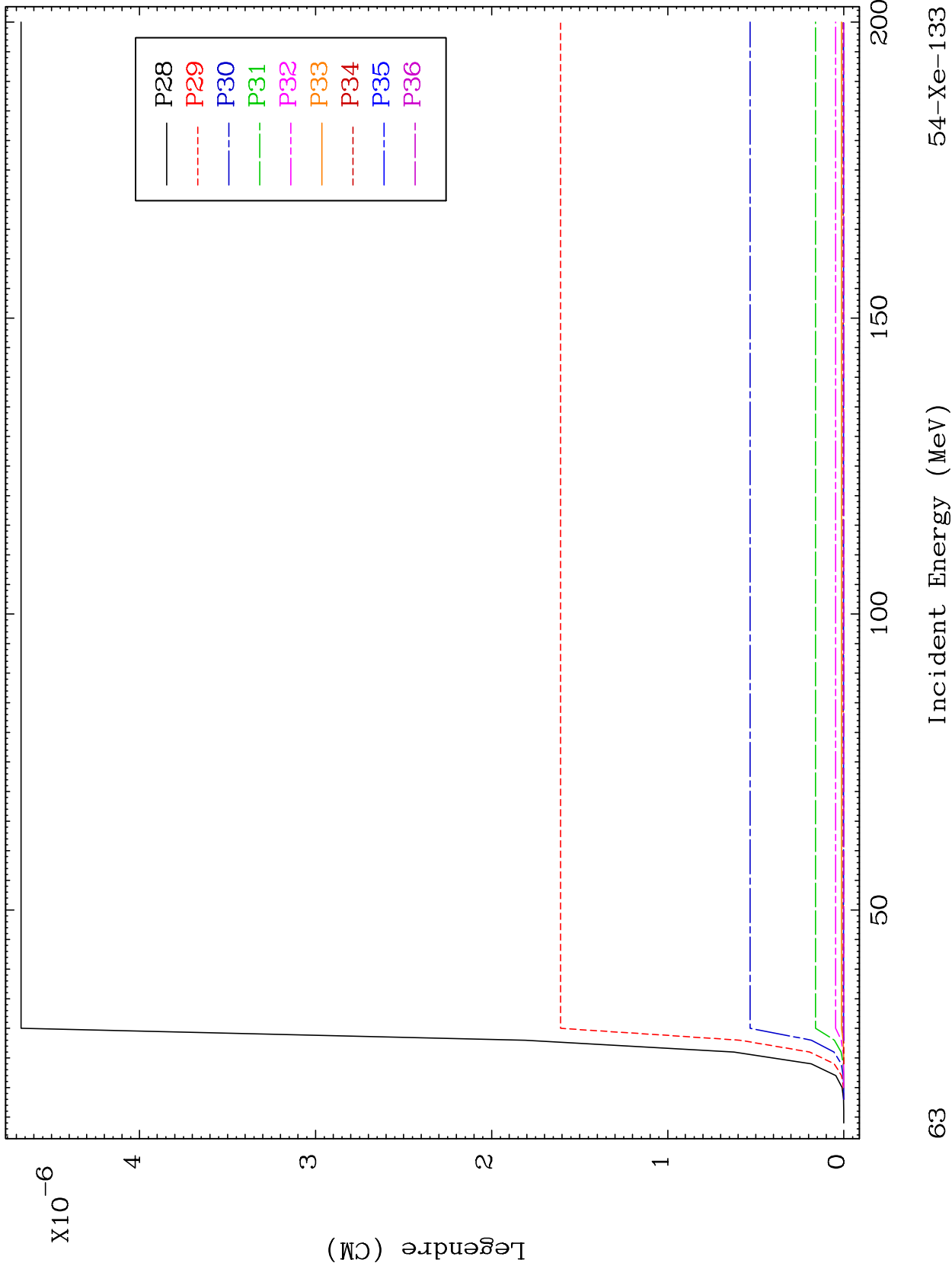
62

54-Xe-133

MAT 5452

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

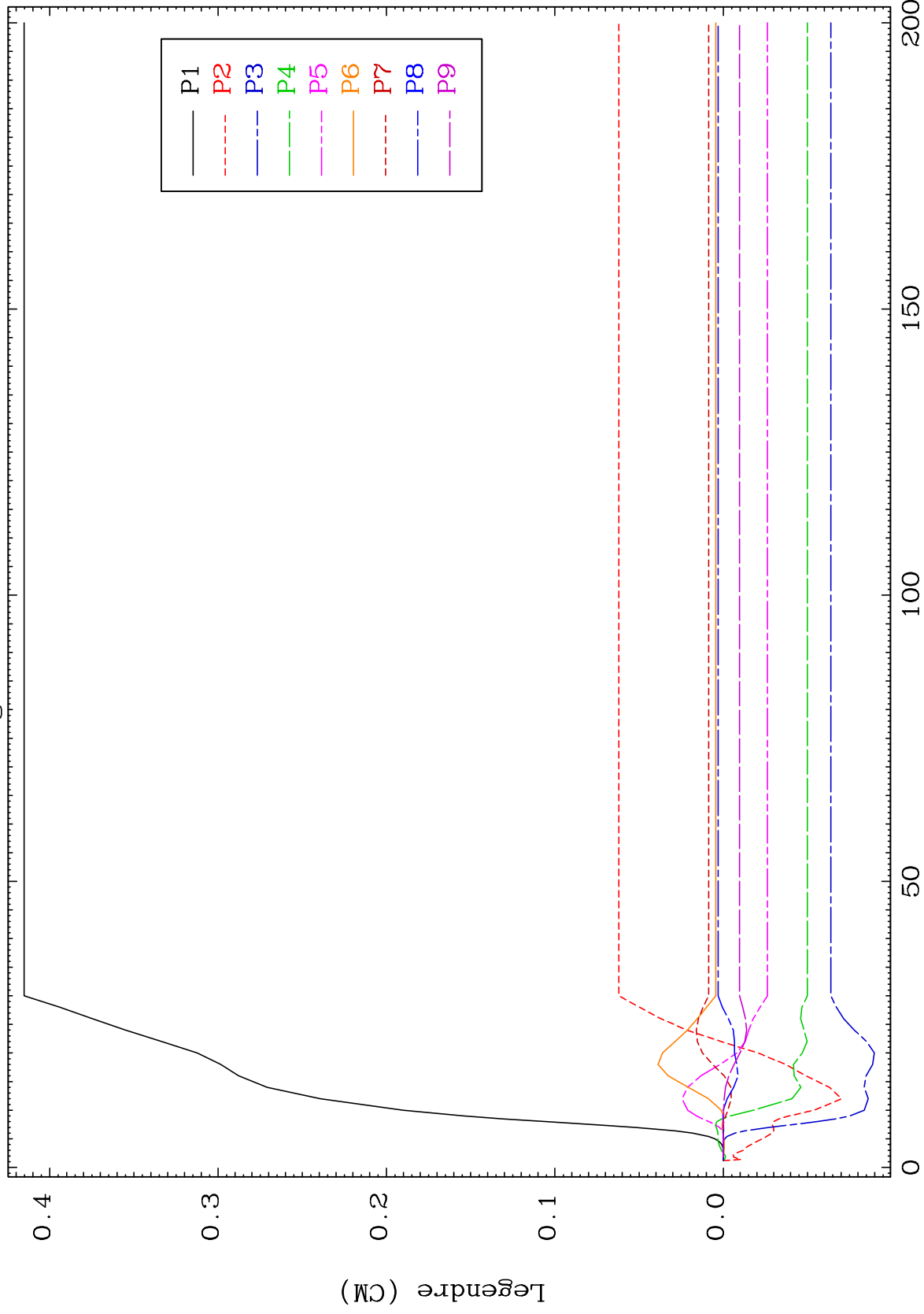
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

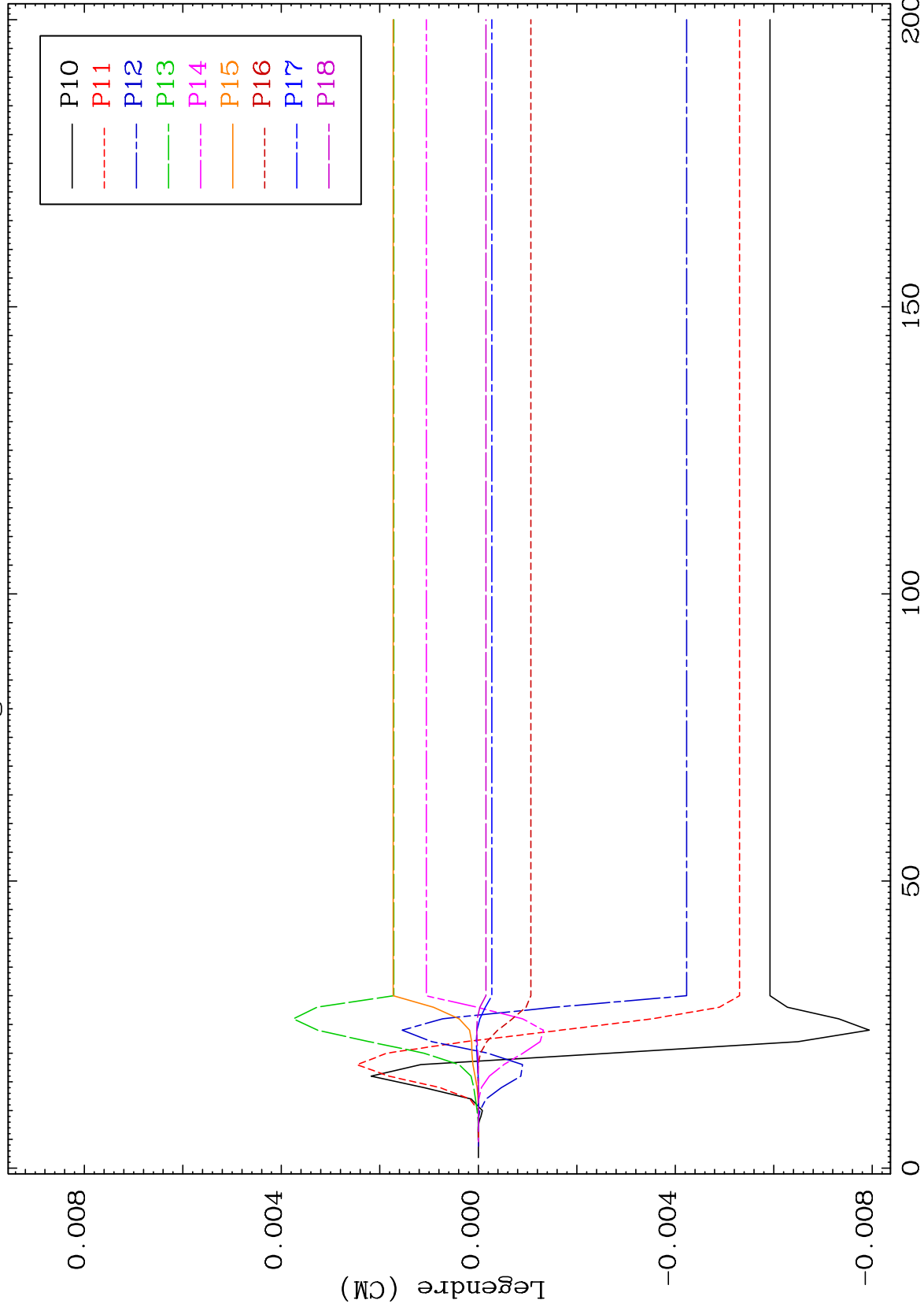
Incident Energy (MeV)

64

MAT 5452

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

54-Xe-133



54-Xe-133

Incident Energy (MeV)

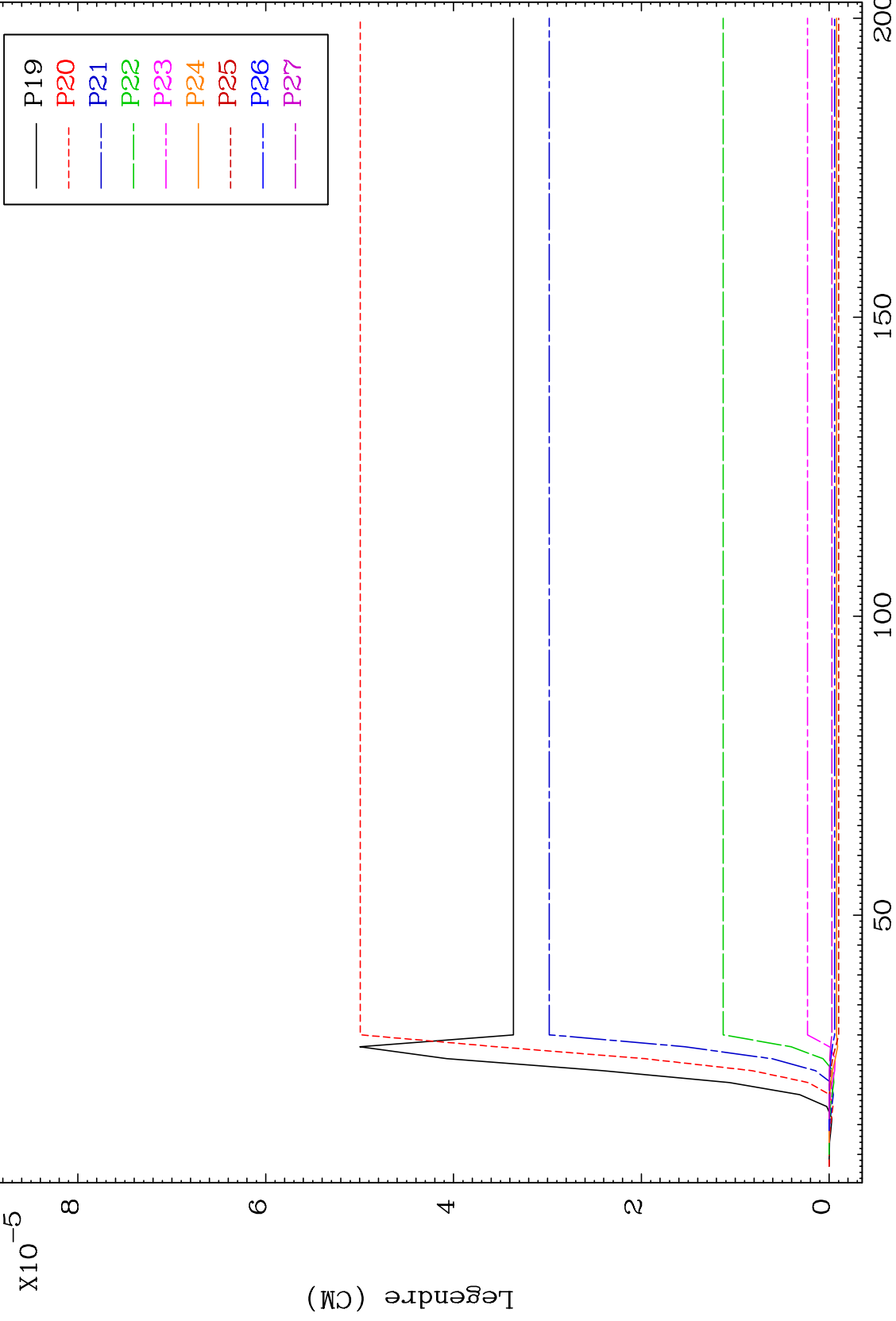
65

MAT 5452

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

54-Xe-133

$\times 10^{-5}$



66

Incident Energy (MeV)

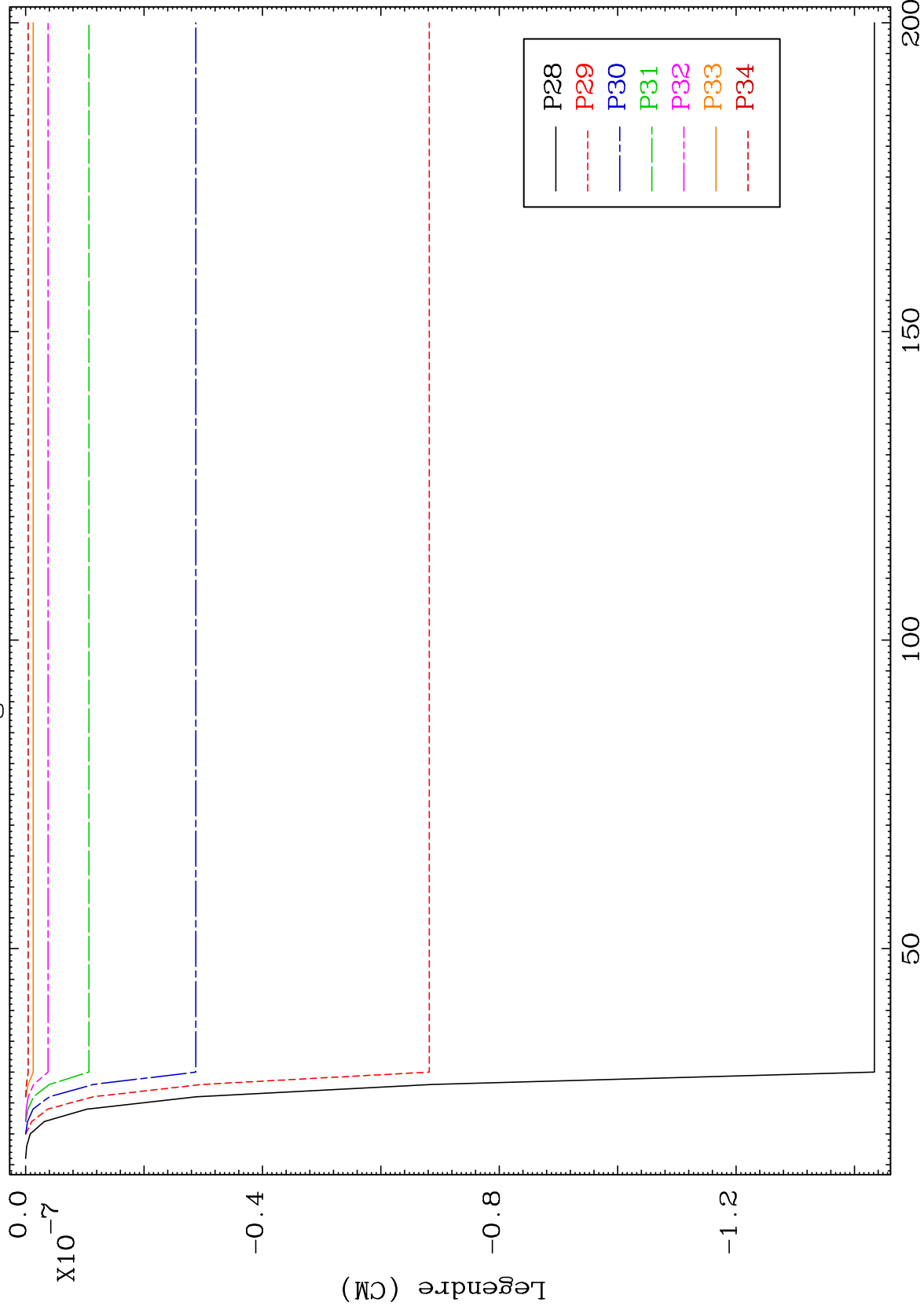
54-Xe-133

MAT 5452

MT= 62 (n,n') Level

54-Xe-133

Legendre Coefficients



67

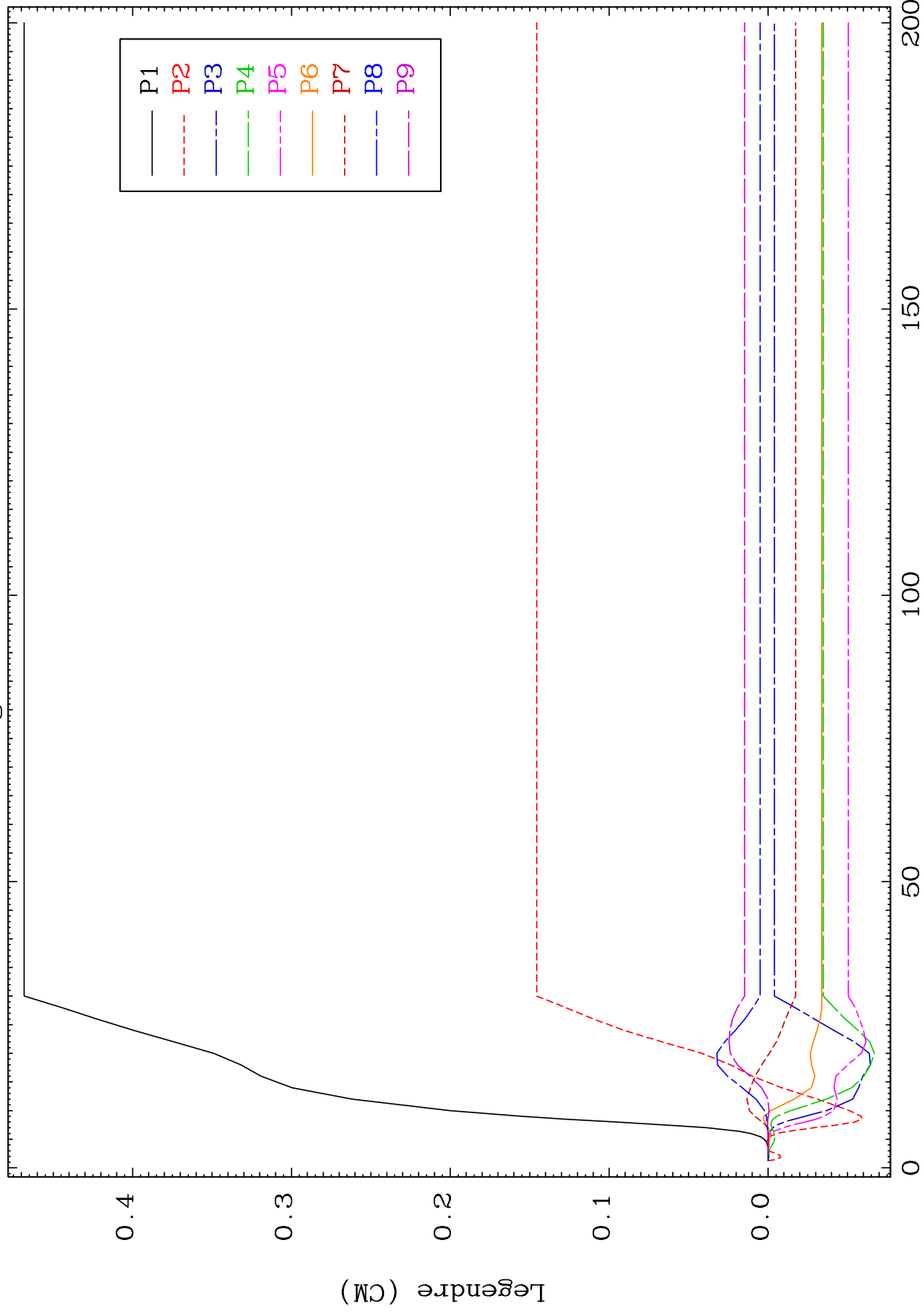
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

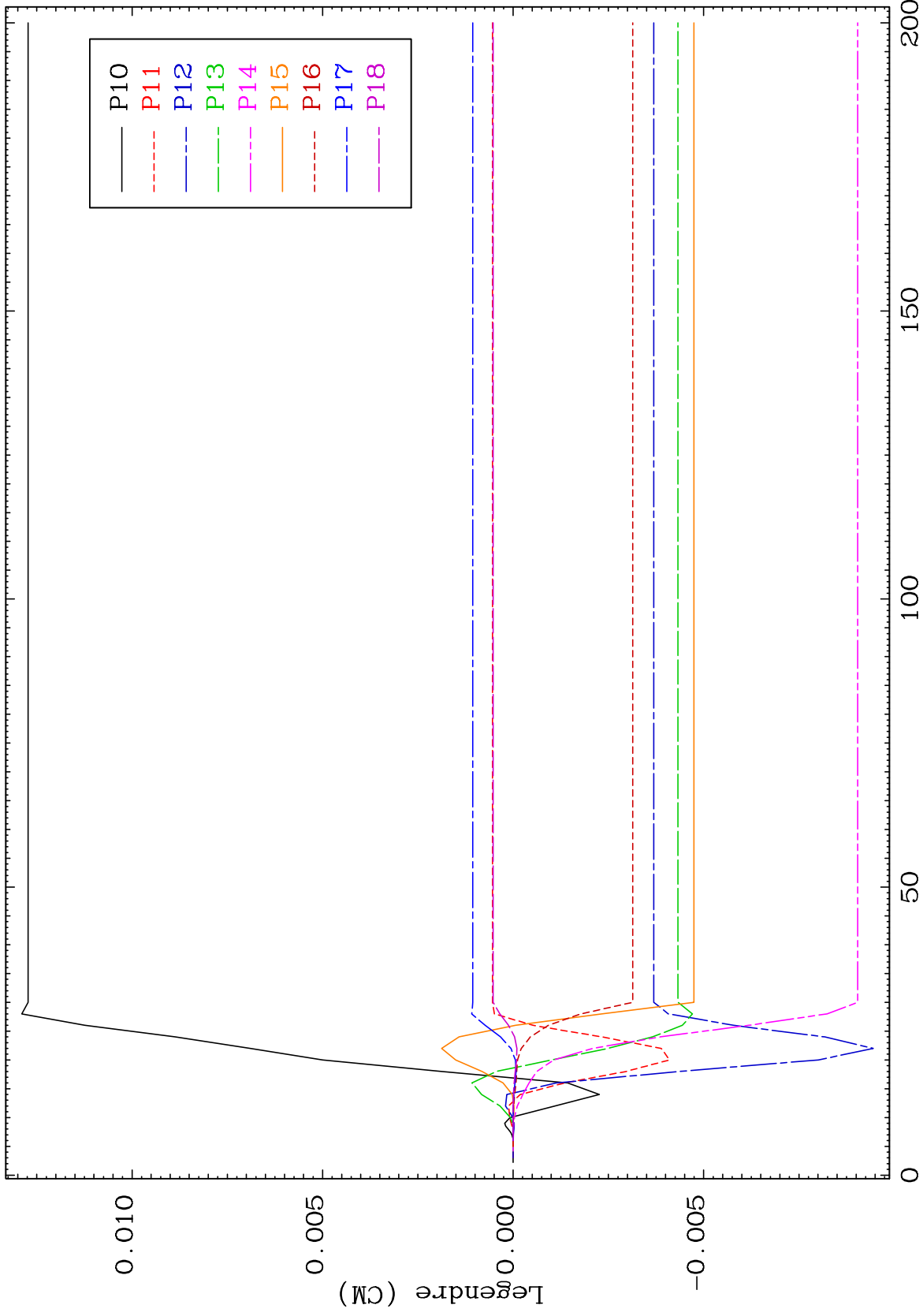
Incident Energy (MeV)

68

MAT 5452

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

54-Xe-133



69

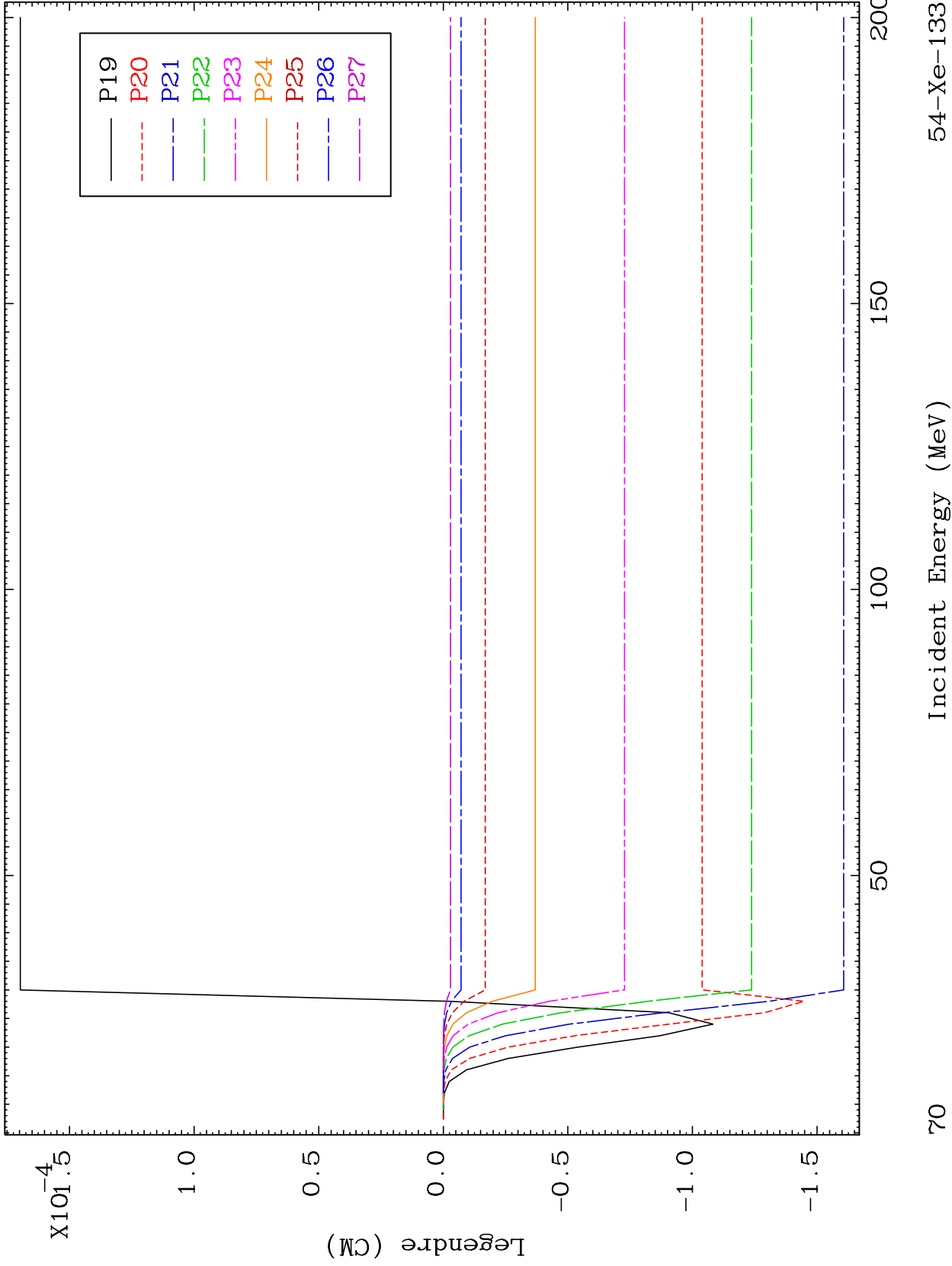
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

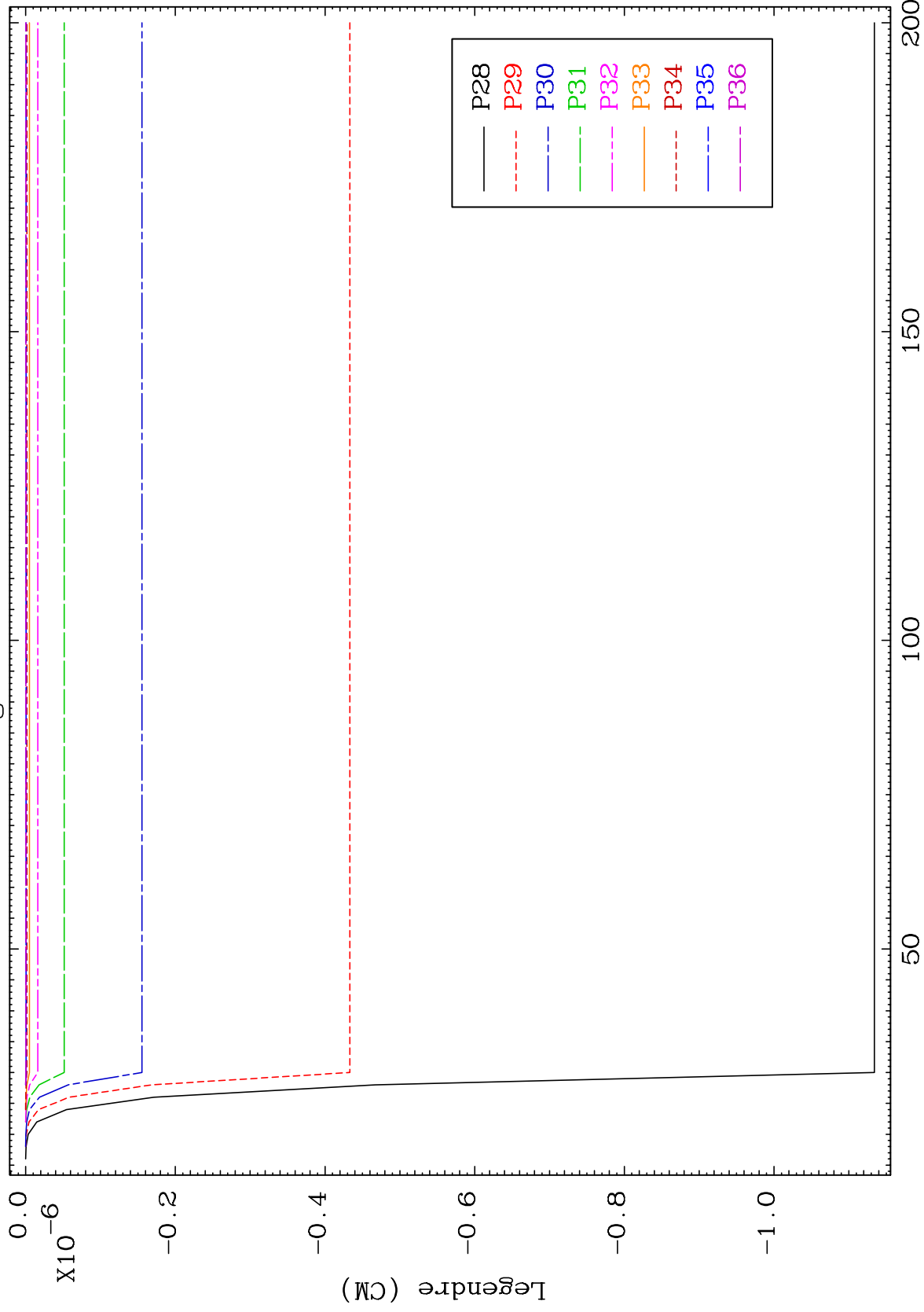
54-Xe-133



MAT 5452

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

54-Xe-133



71

Incident Energy (MeV)

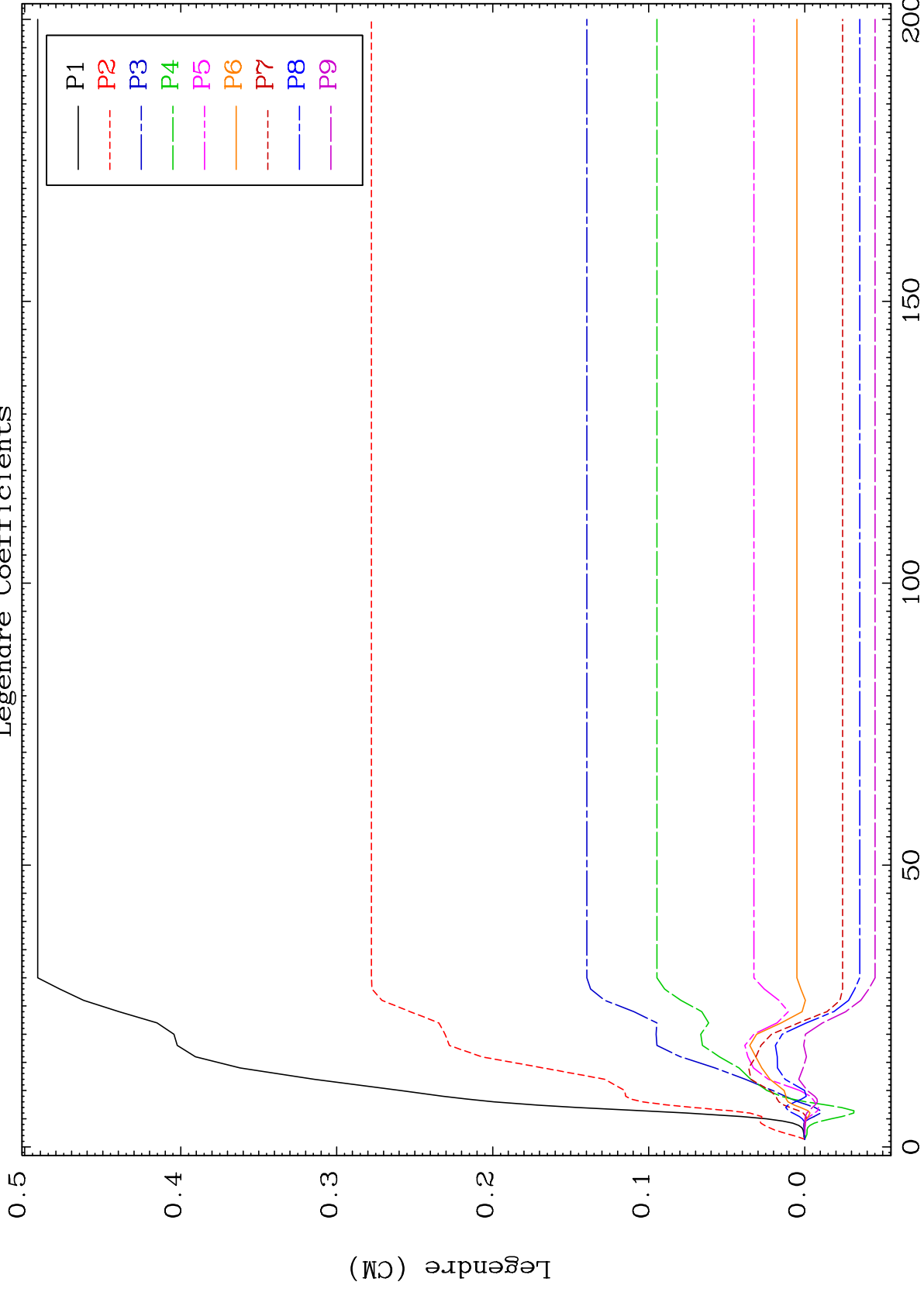
54-Xe-133

MAT 5452

MT= 64 (n,n') Level

54-Xe-133

Legendre Coefficients



72

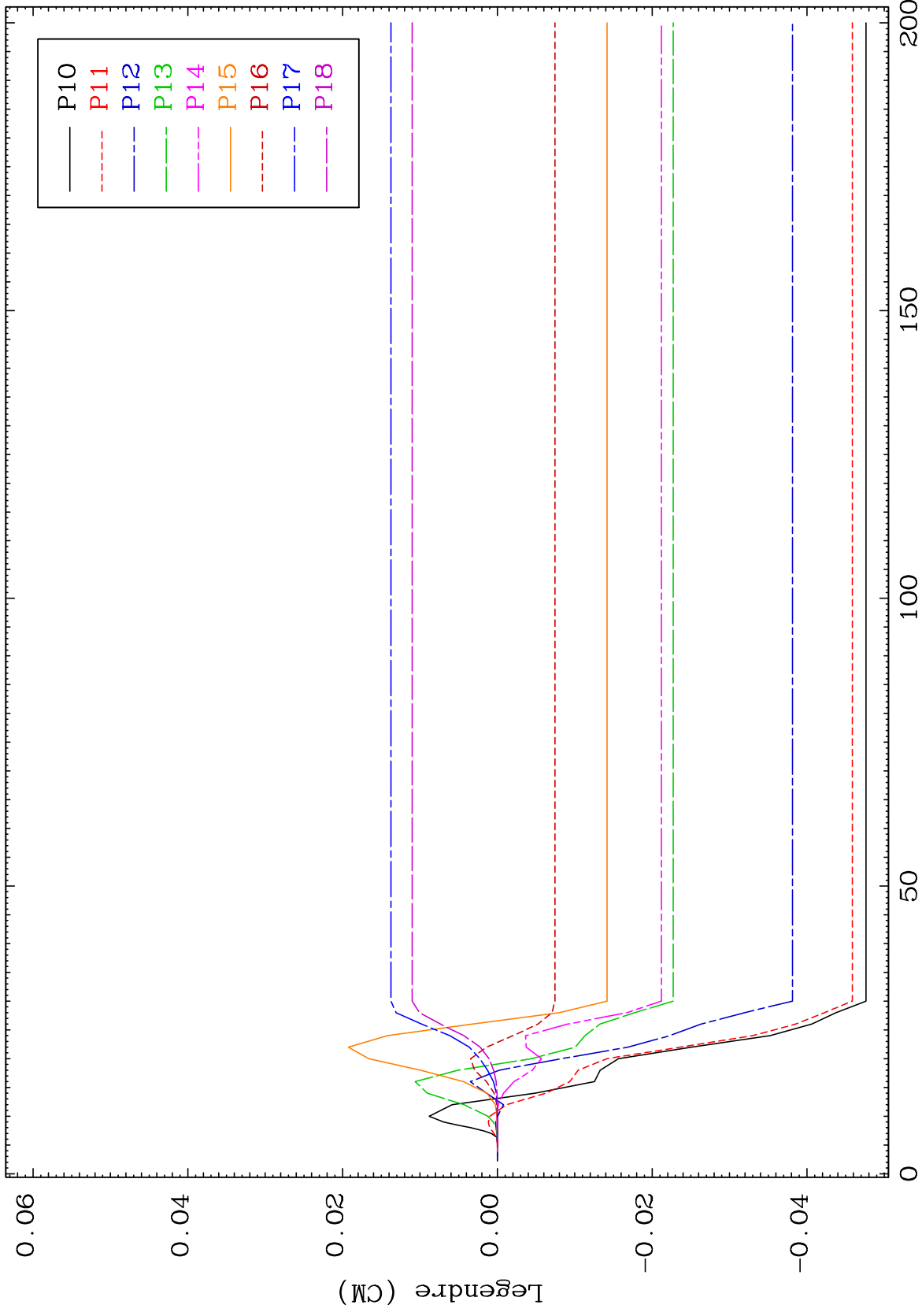
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



73

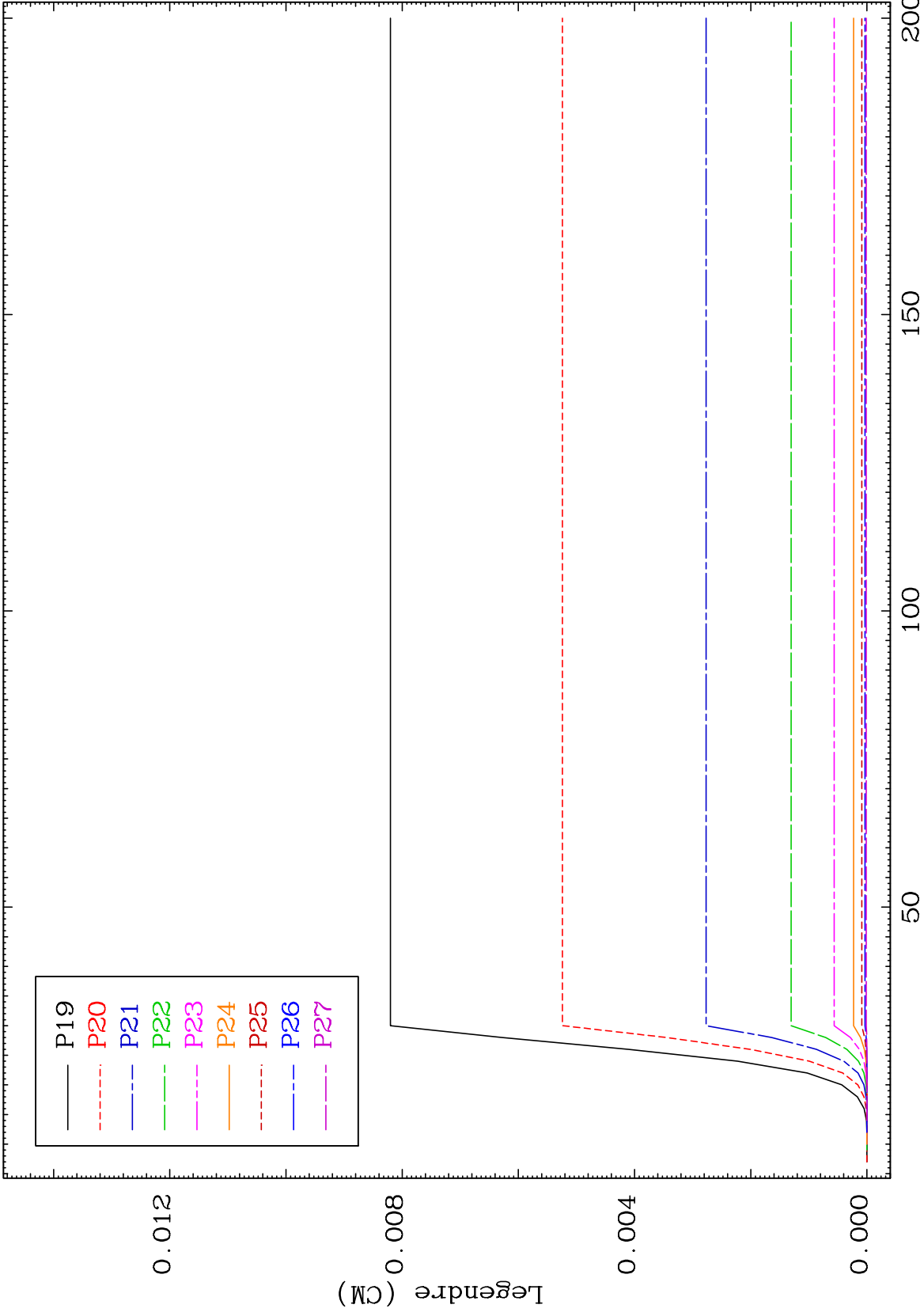
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



74

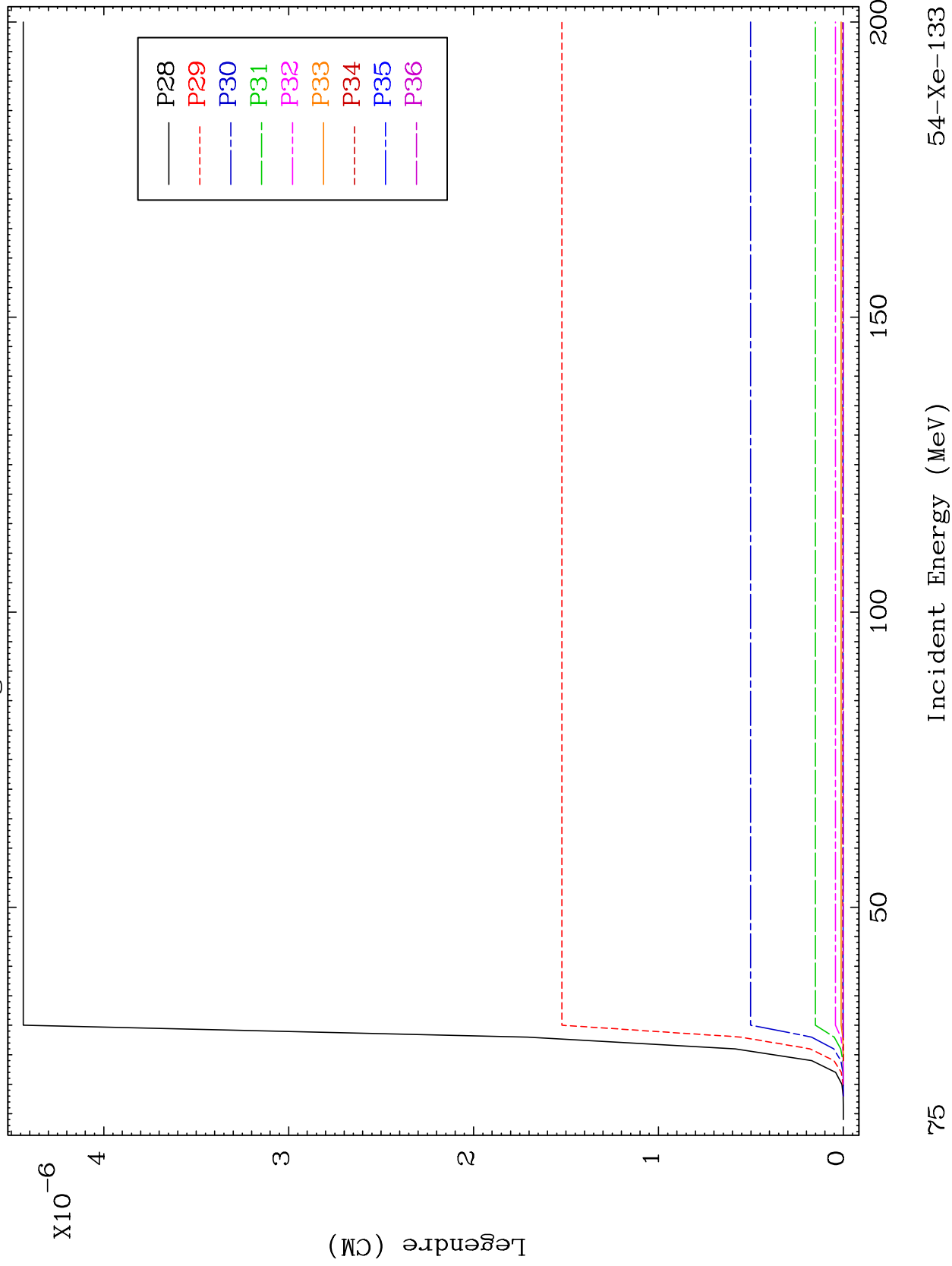
Incident Energy (MeV)

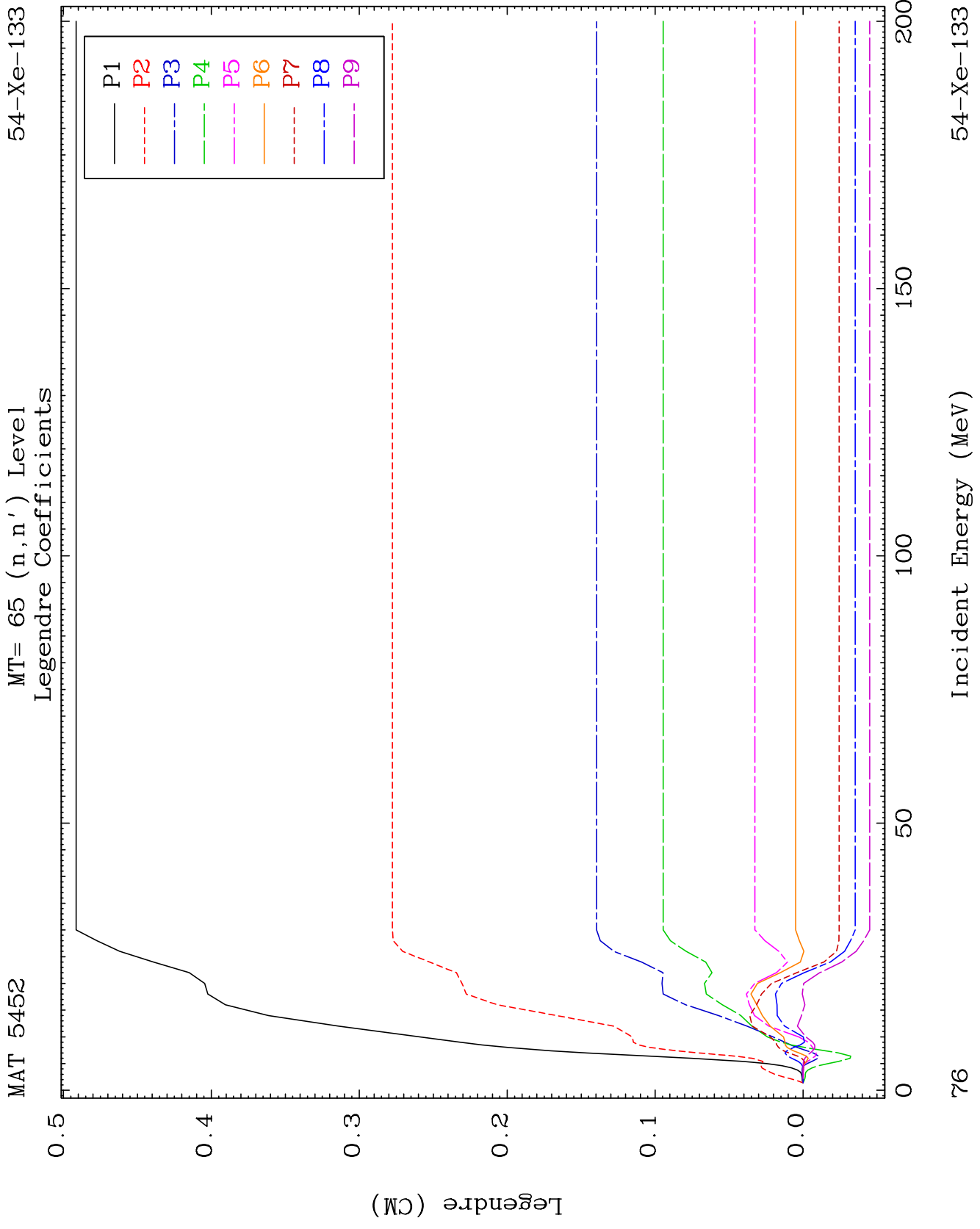
54-Xe-133

MAT 5452

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

54-Xe-133

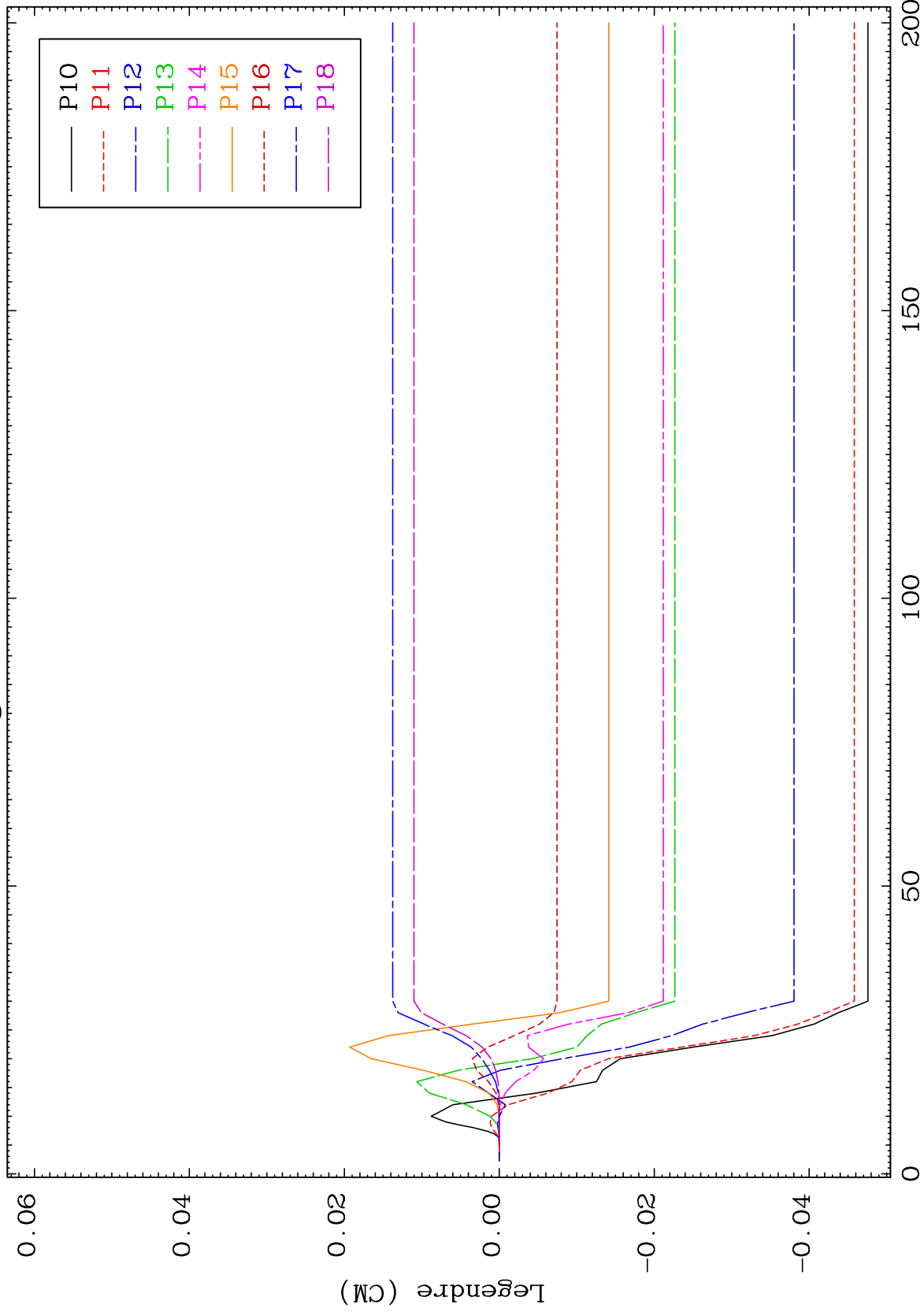




MAT 5452

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

54-Xe-133



77

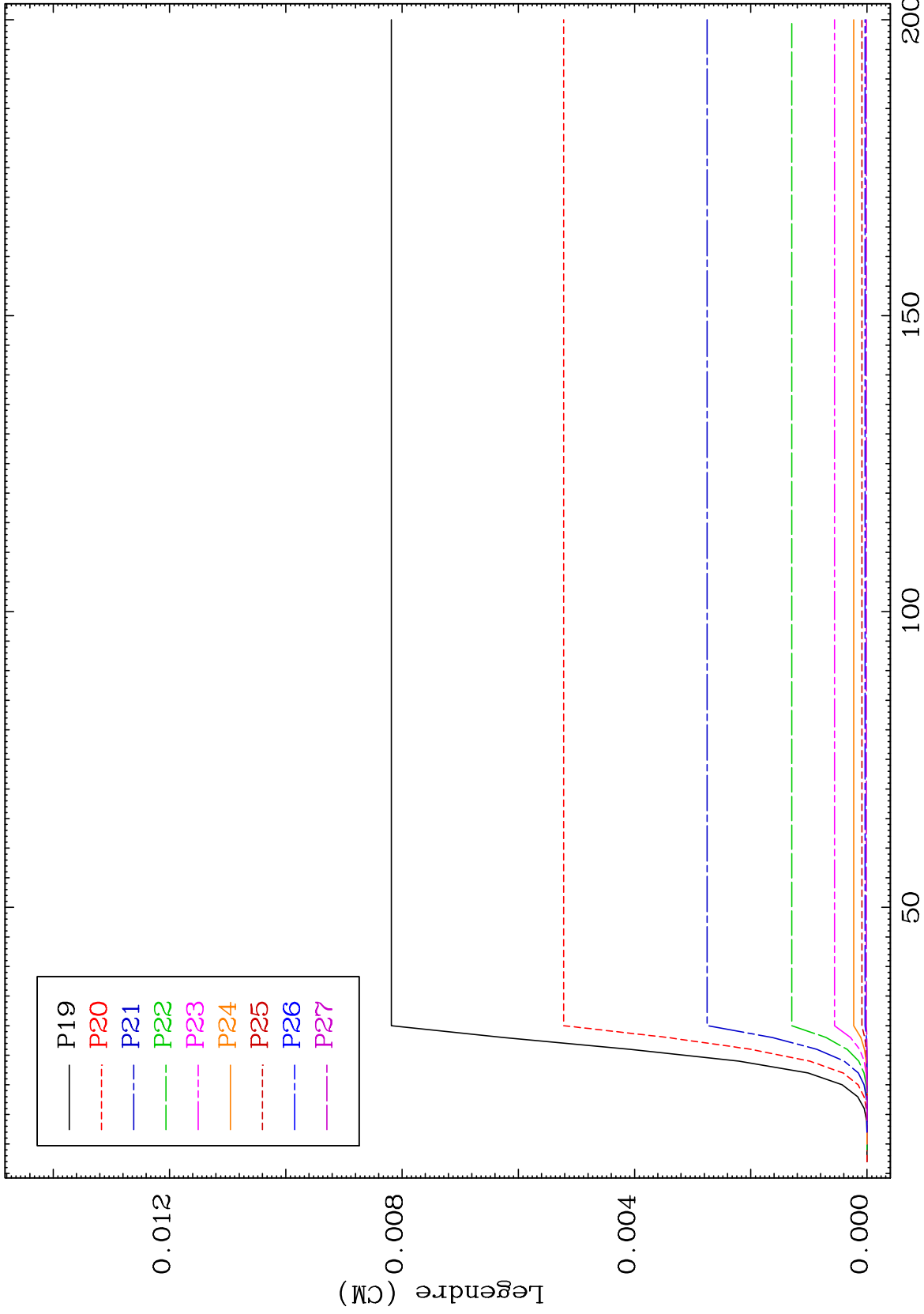
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



78

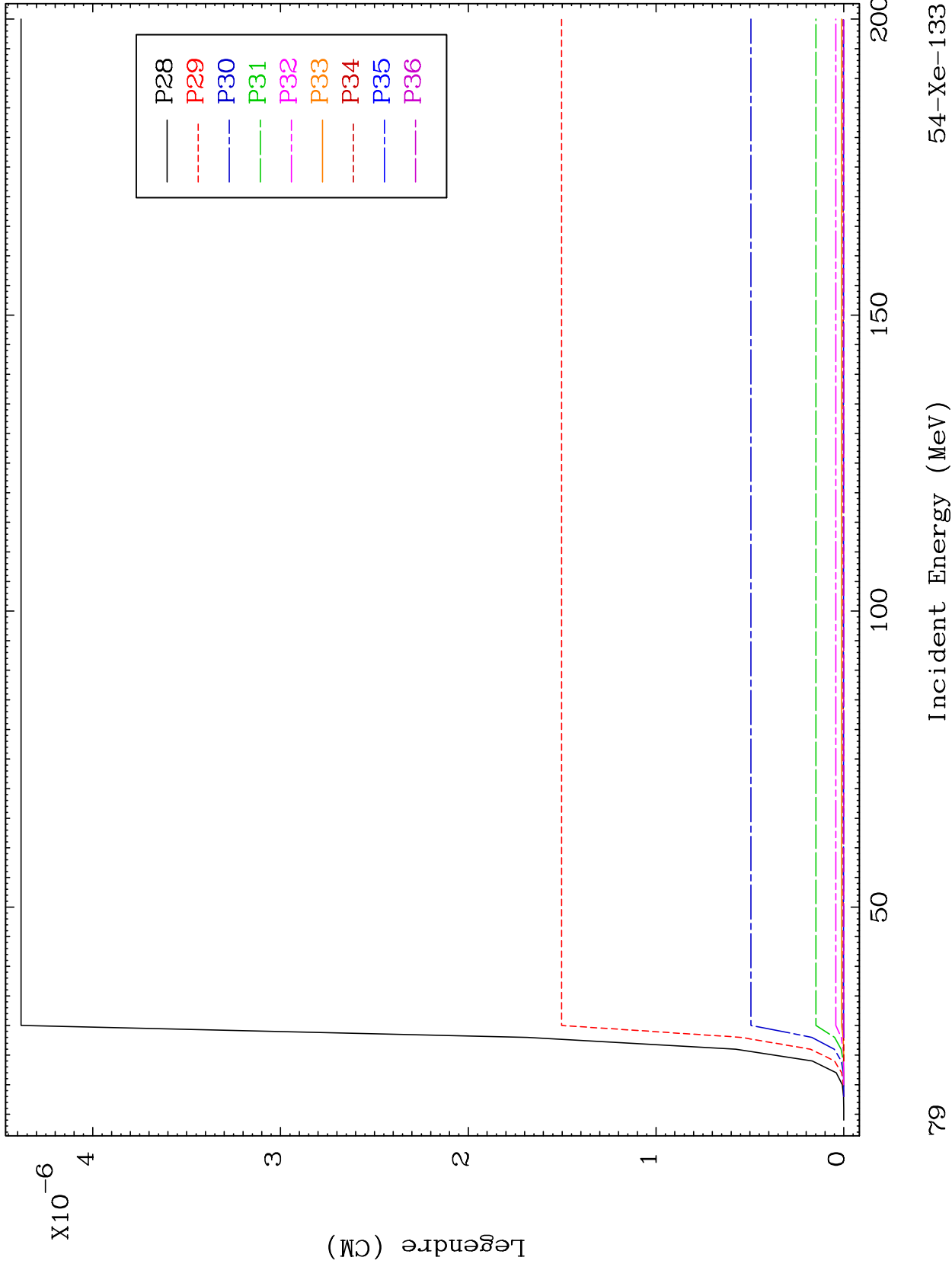
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

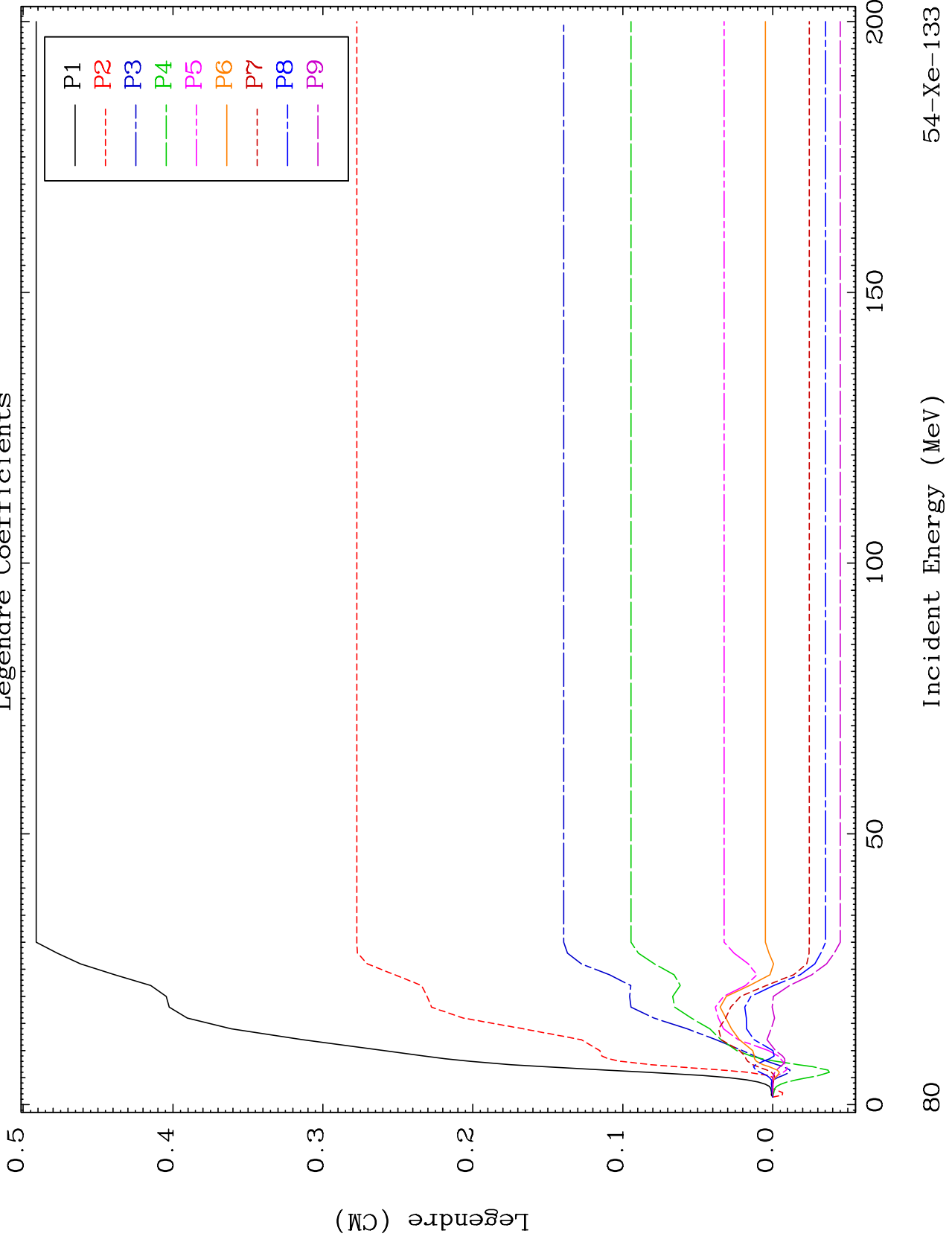
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

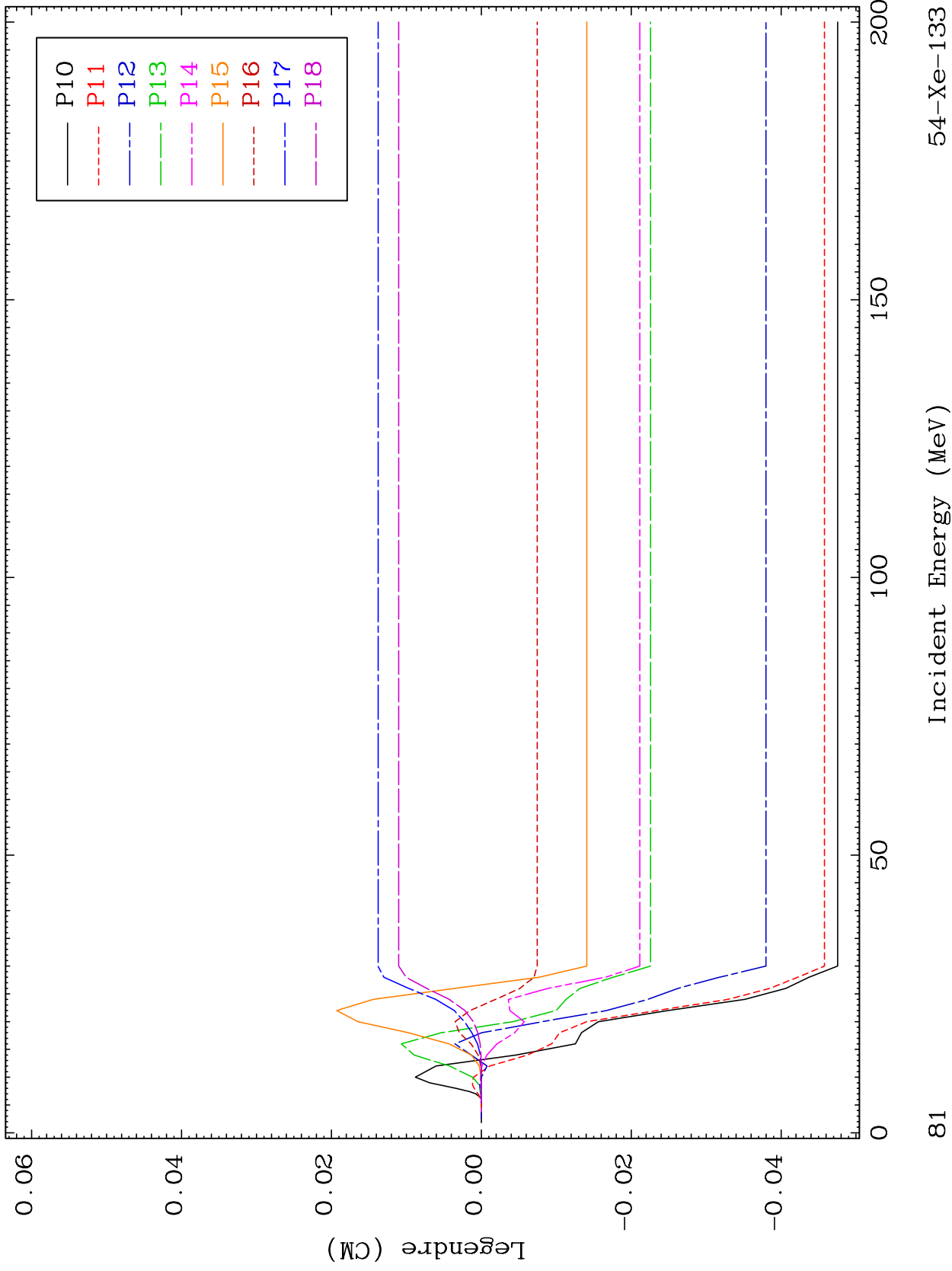
Incident Energy (MeV)

80

MAT 5452

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

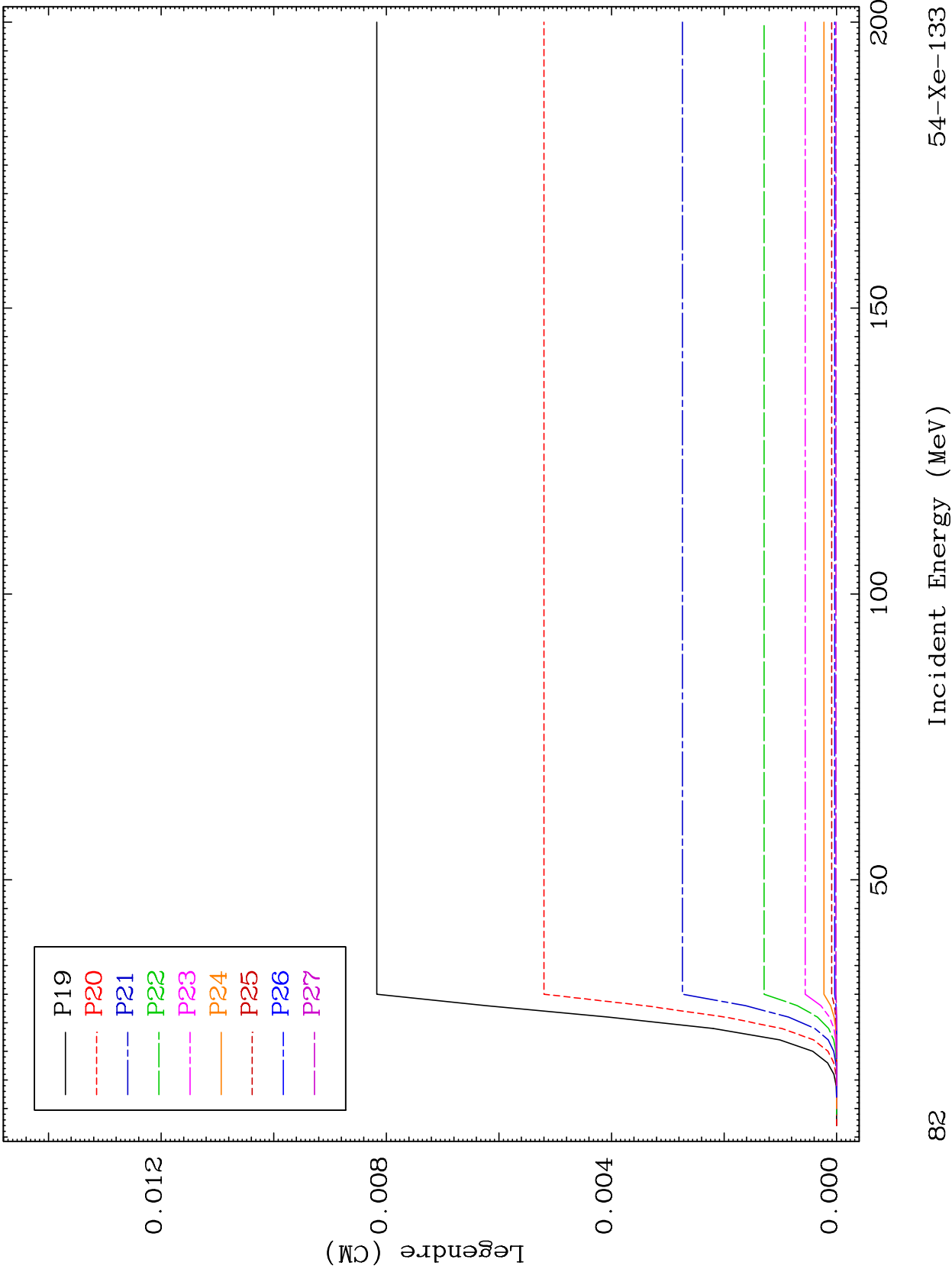
54-Xe-133



81

Incident Energy (MeV)

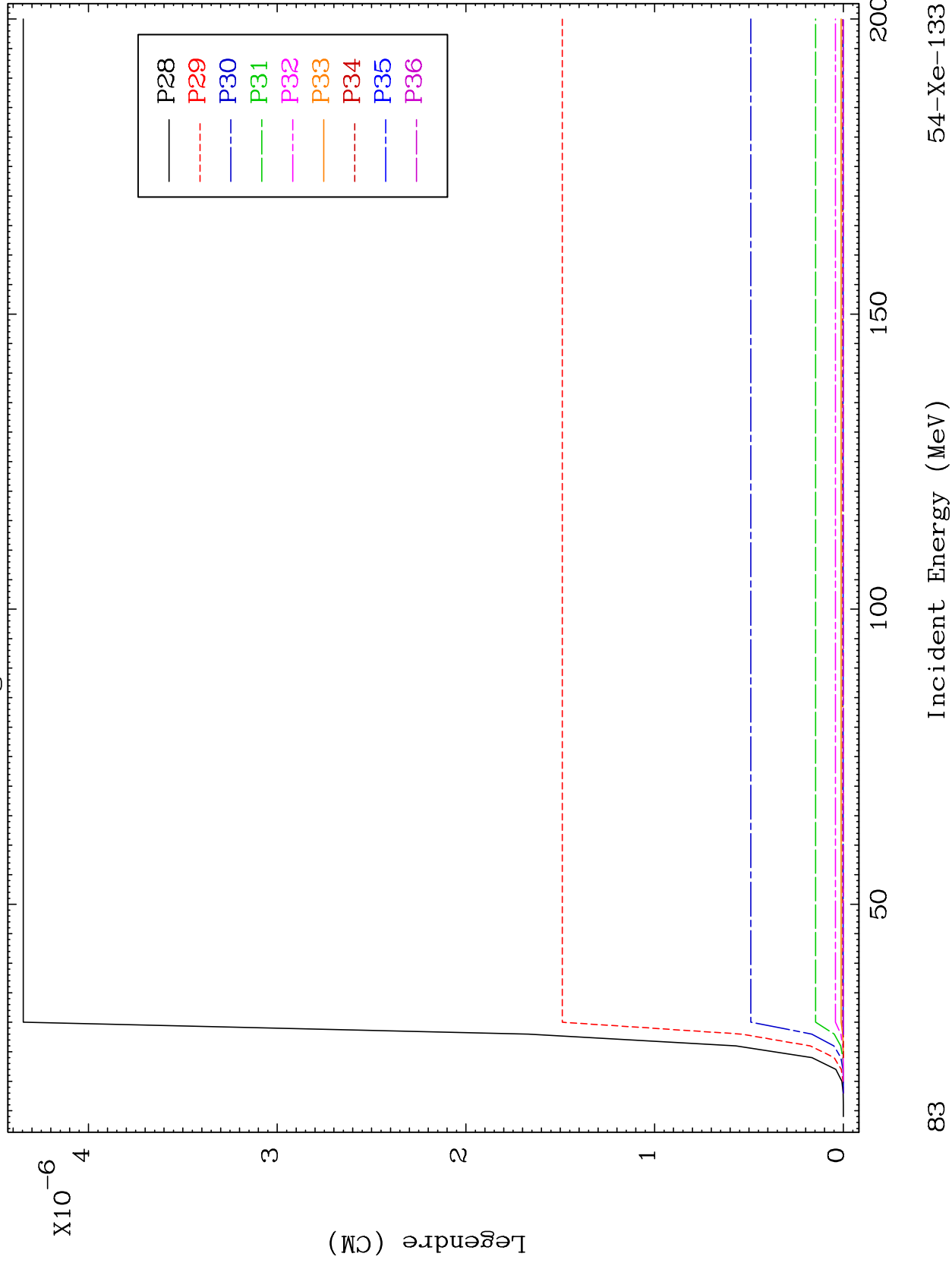
54-Xe-133



MAT 5452

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

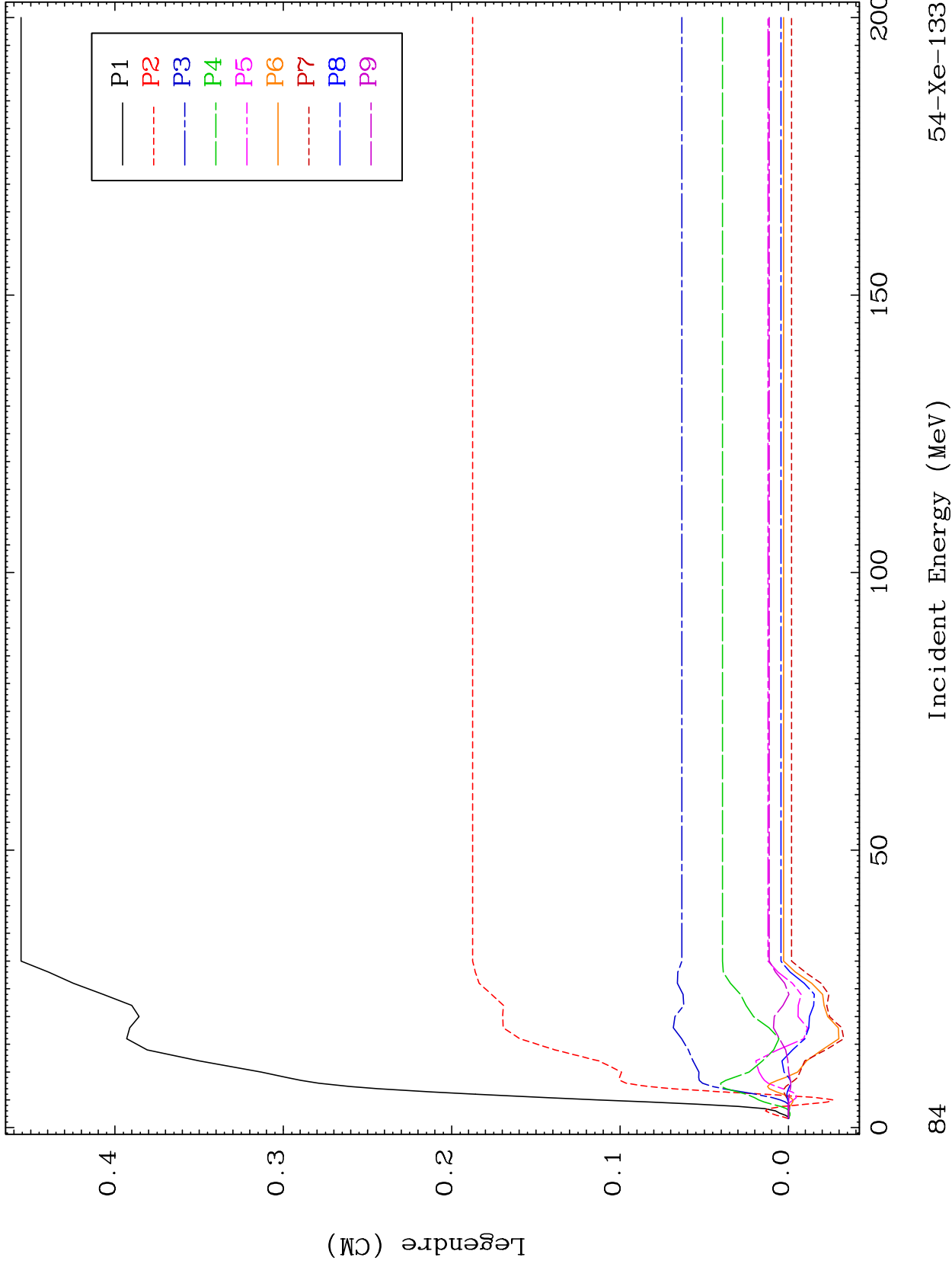
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

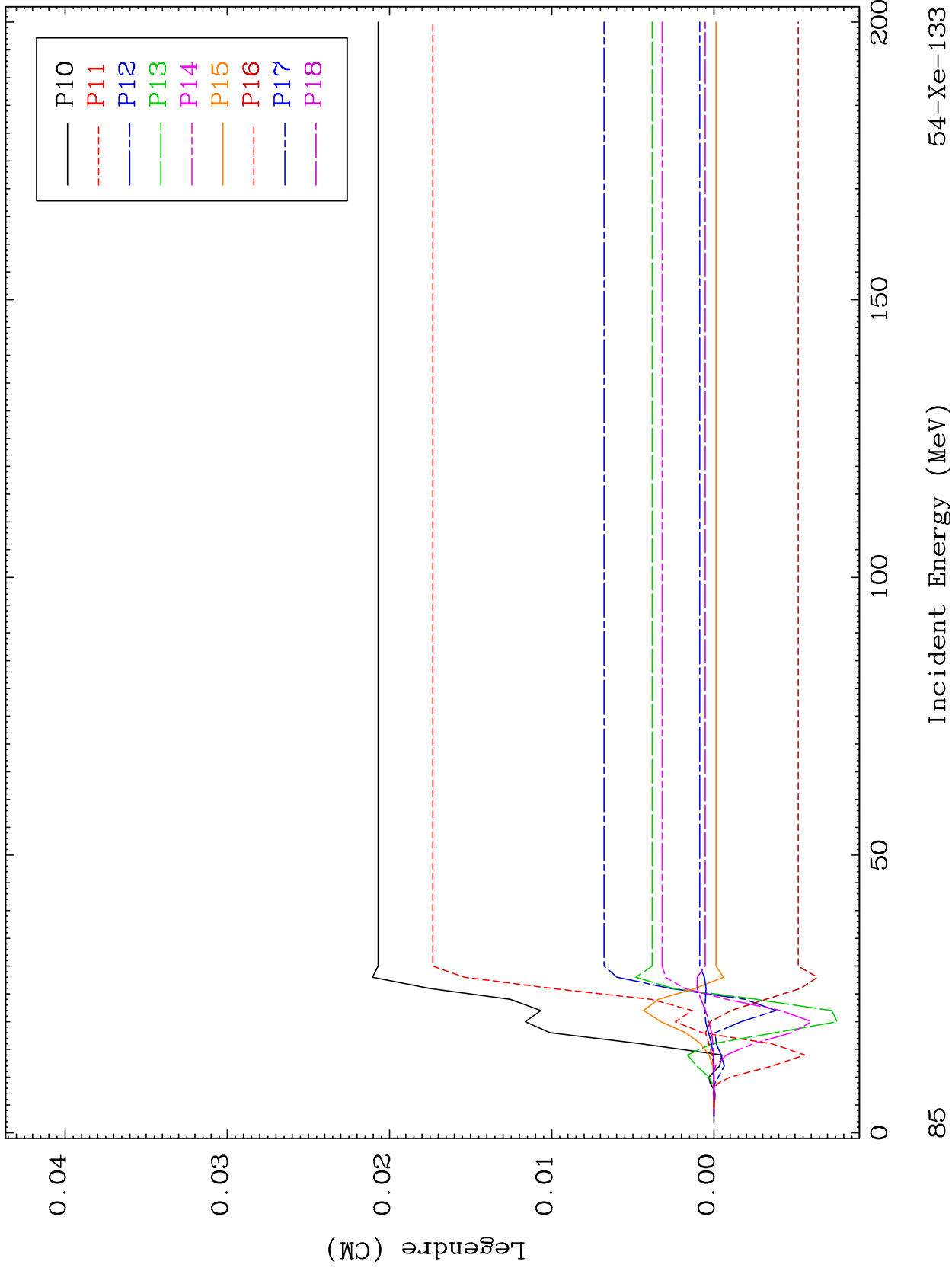
Incident Energy (MeV)

84

MAT 5452

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

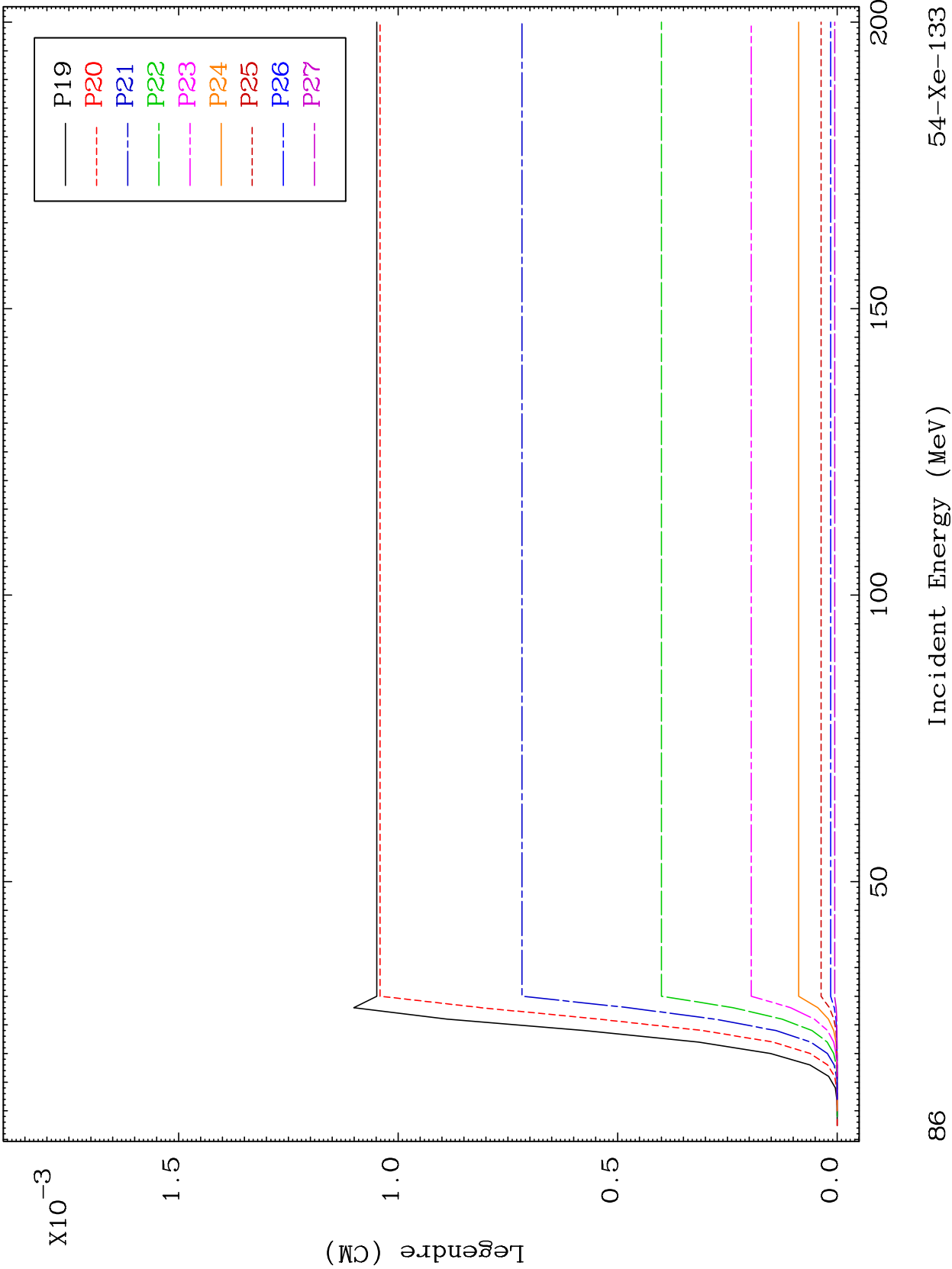
54-Xe-133



54-Xe-133

Incident Energy (MeV)

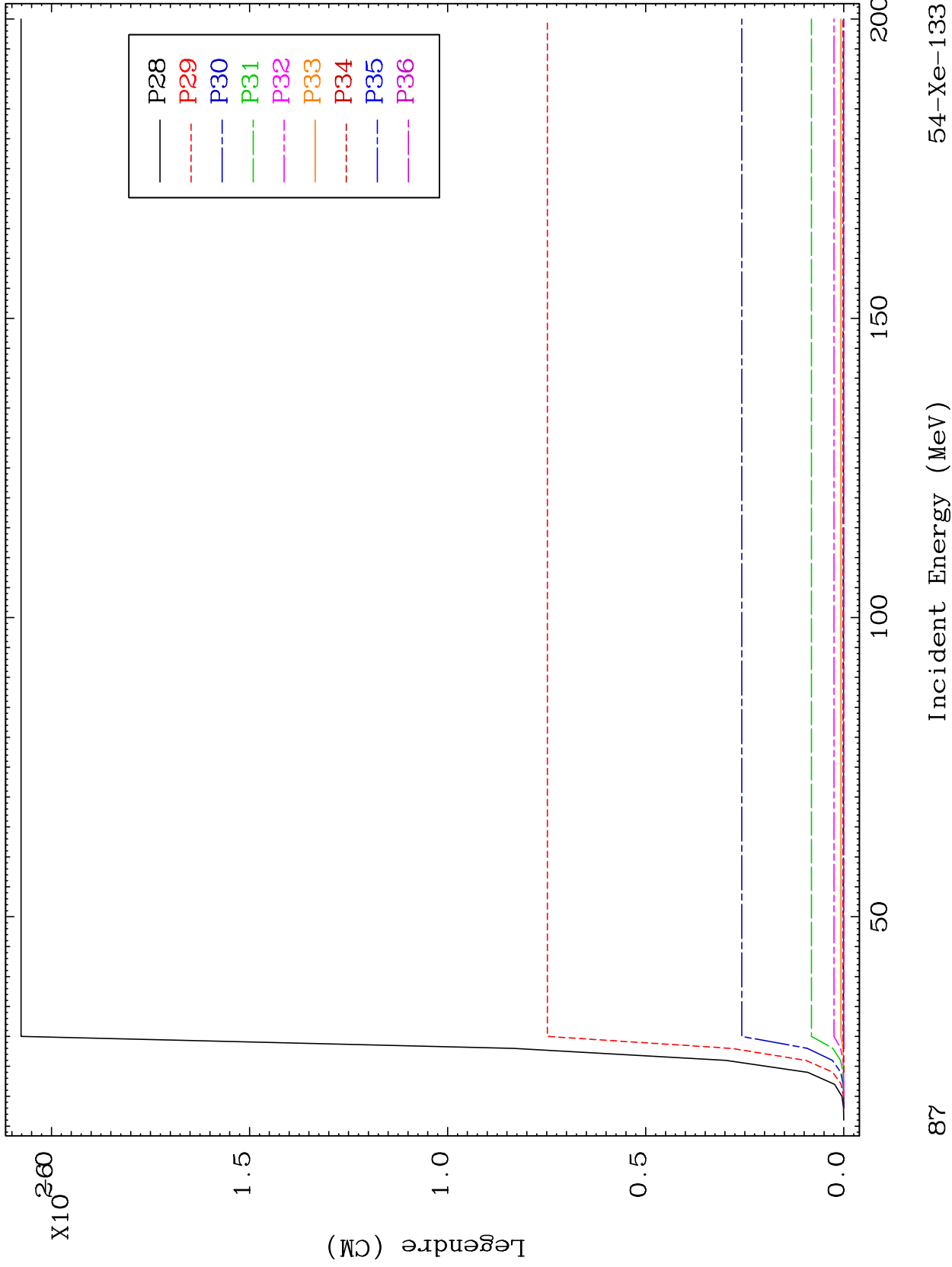
85



MAT 5452

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

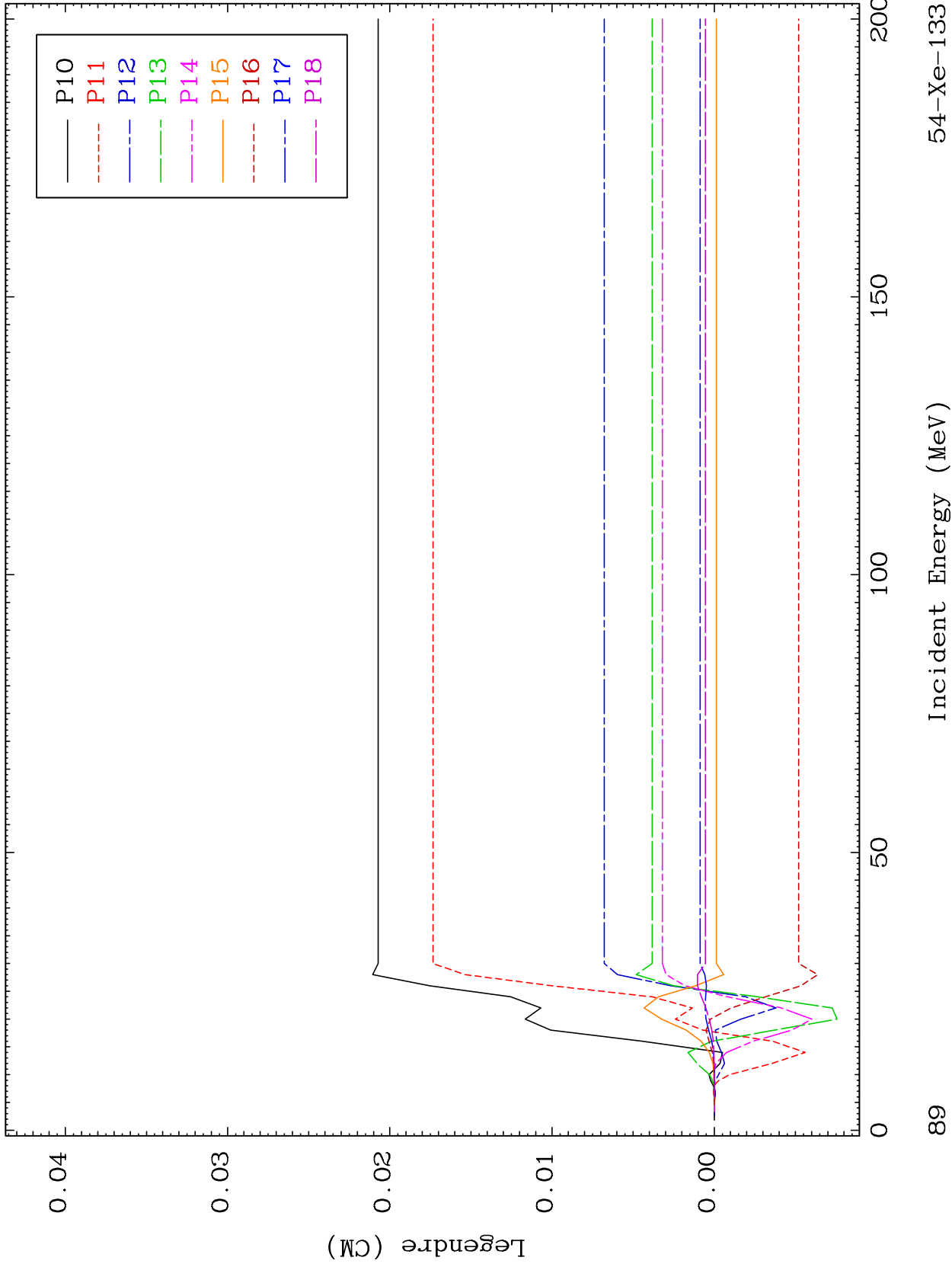
54-Xe-133



MAT 5452

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

54-Xe-133



89

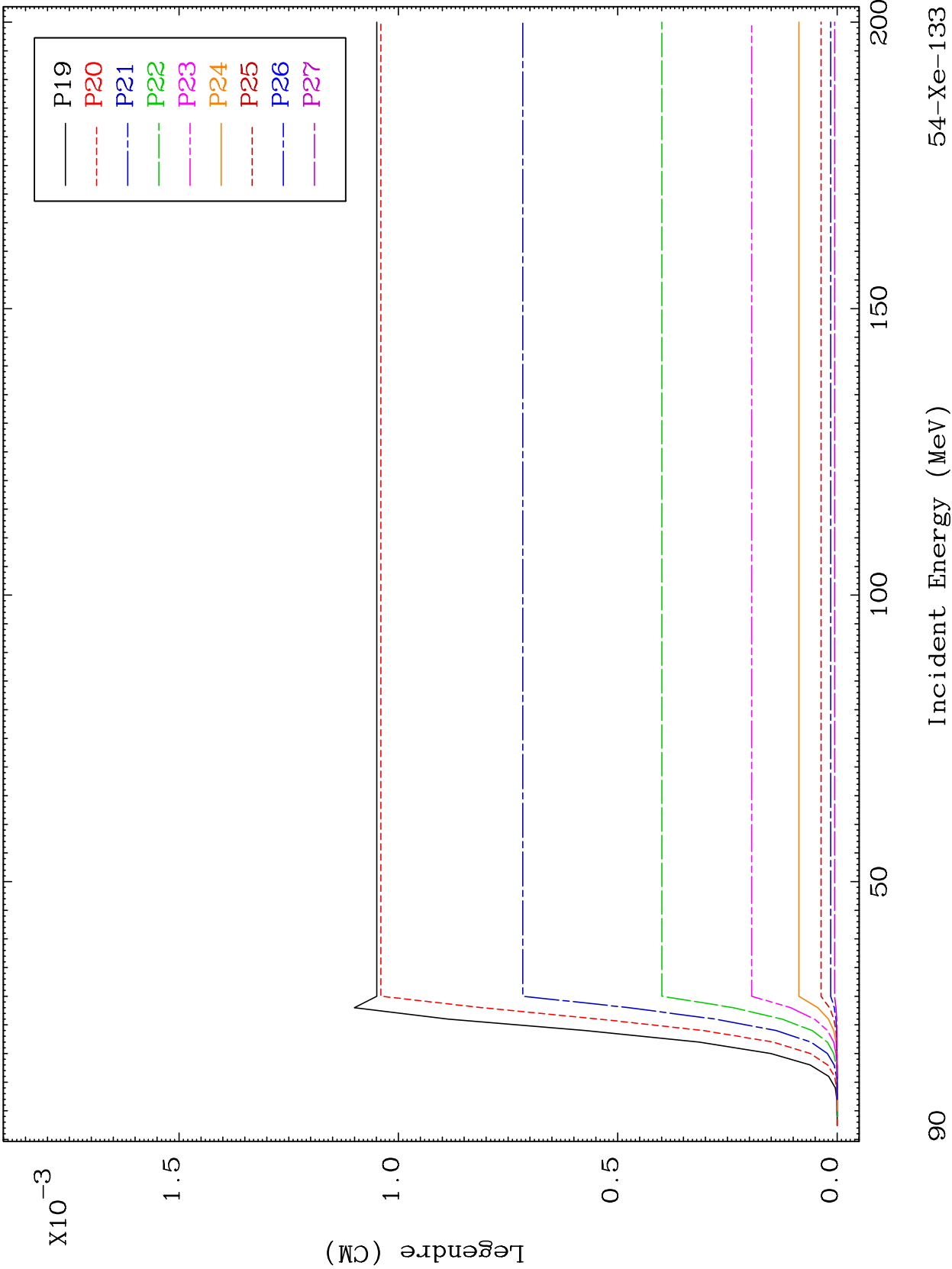
Incident Energy (MeV)

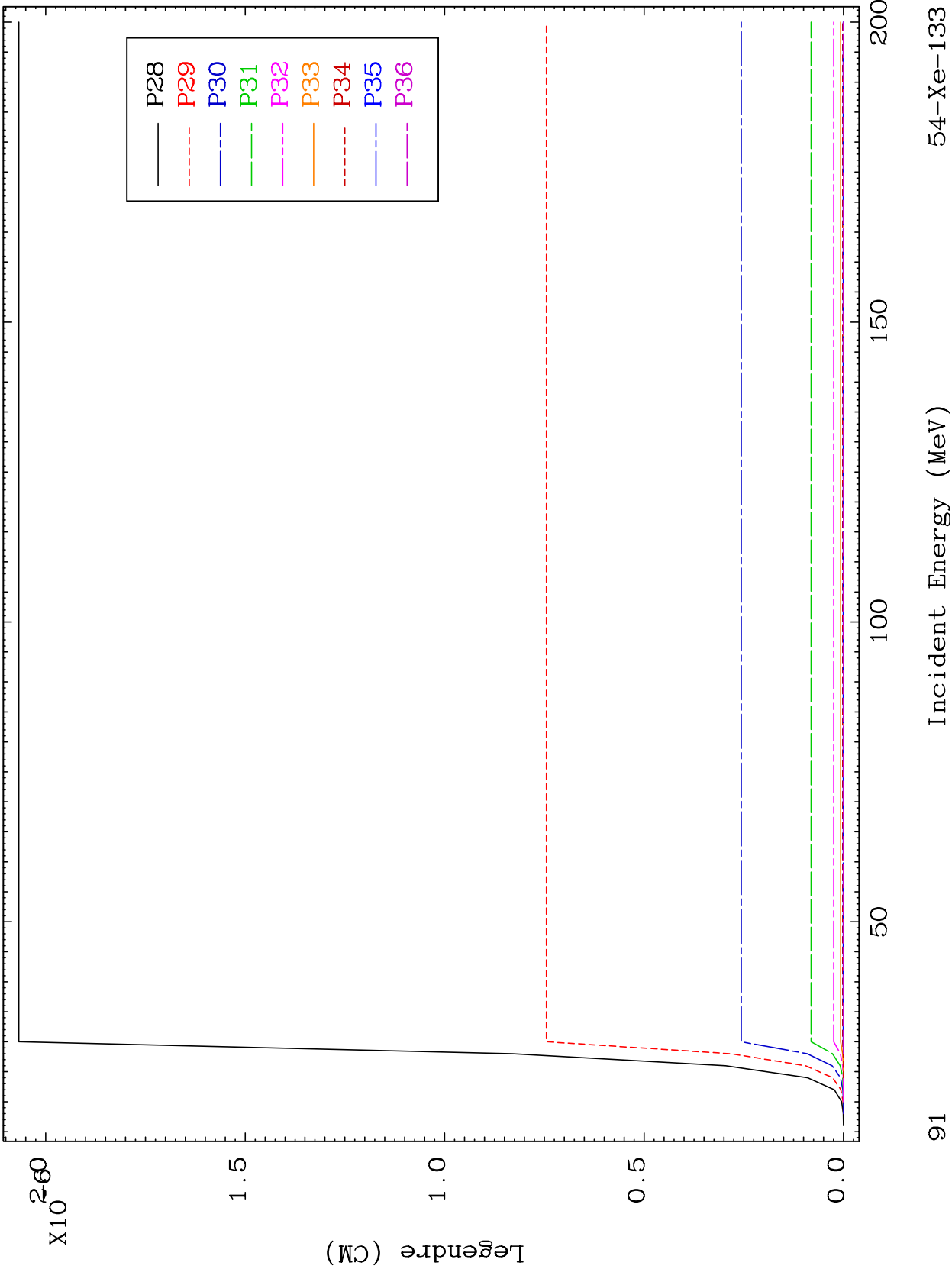
54-Xe-133

MAT 5452

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

54-Xe-133

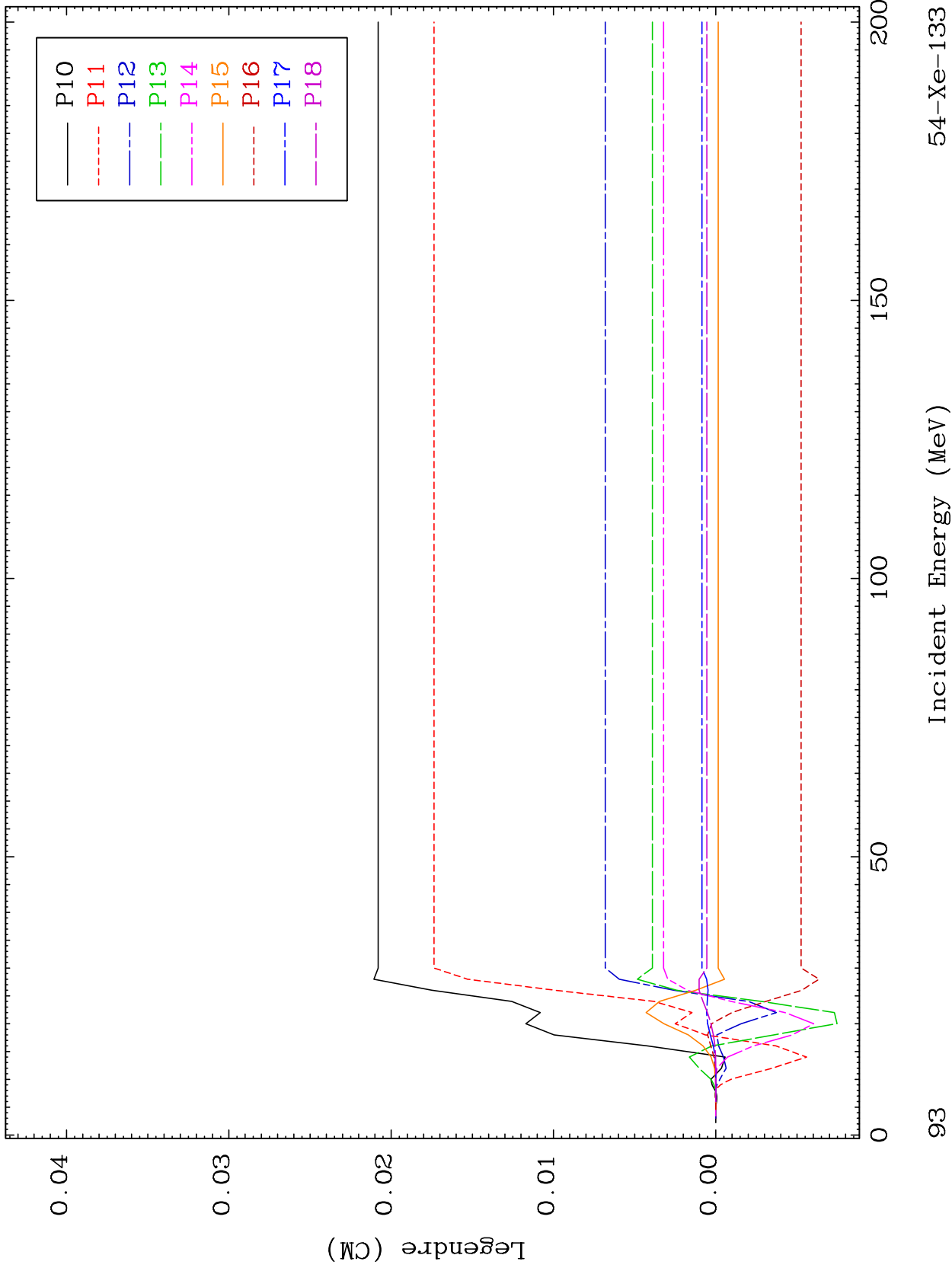




MAT 5452

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

54-Xe-133



93

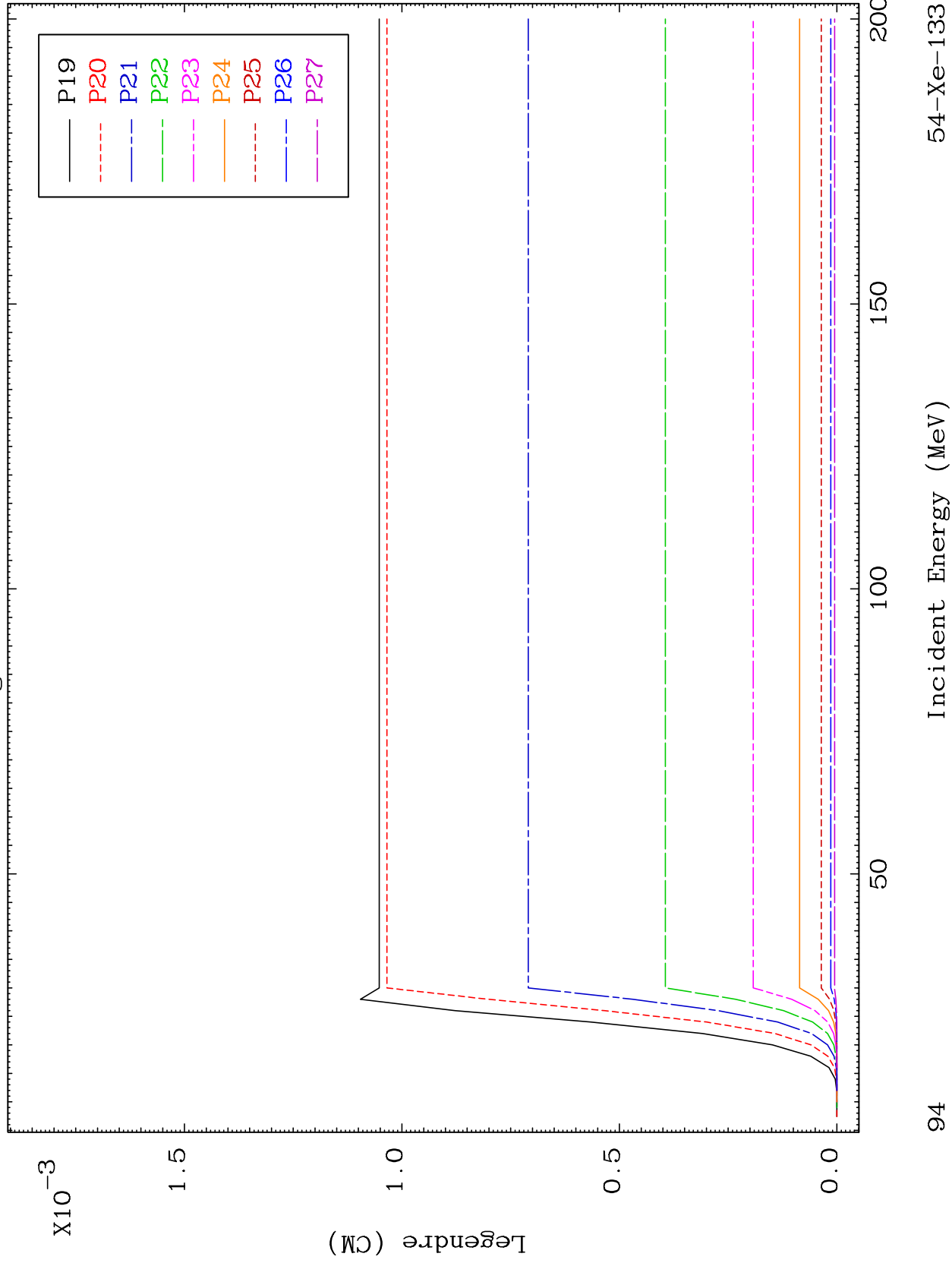
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



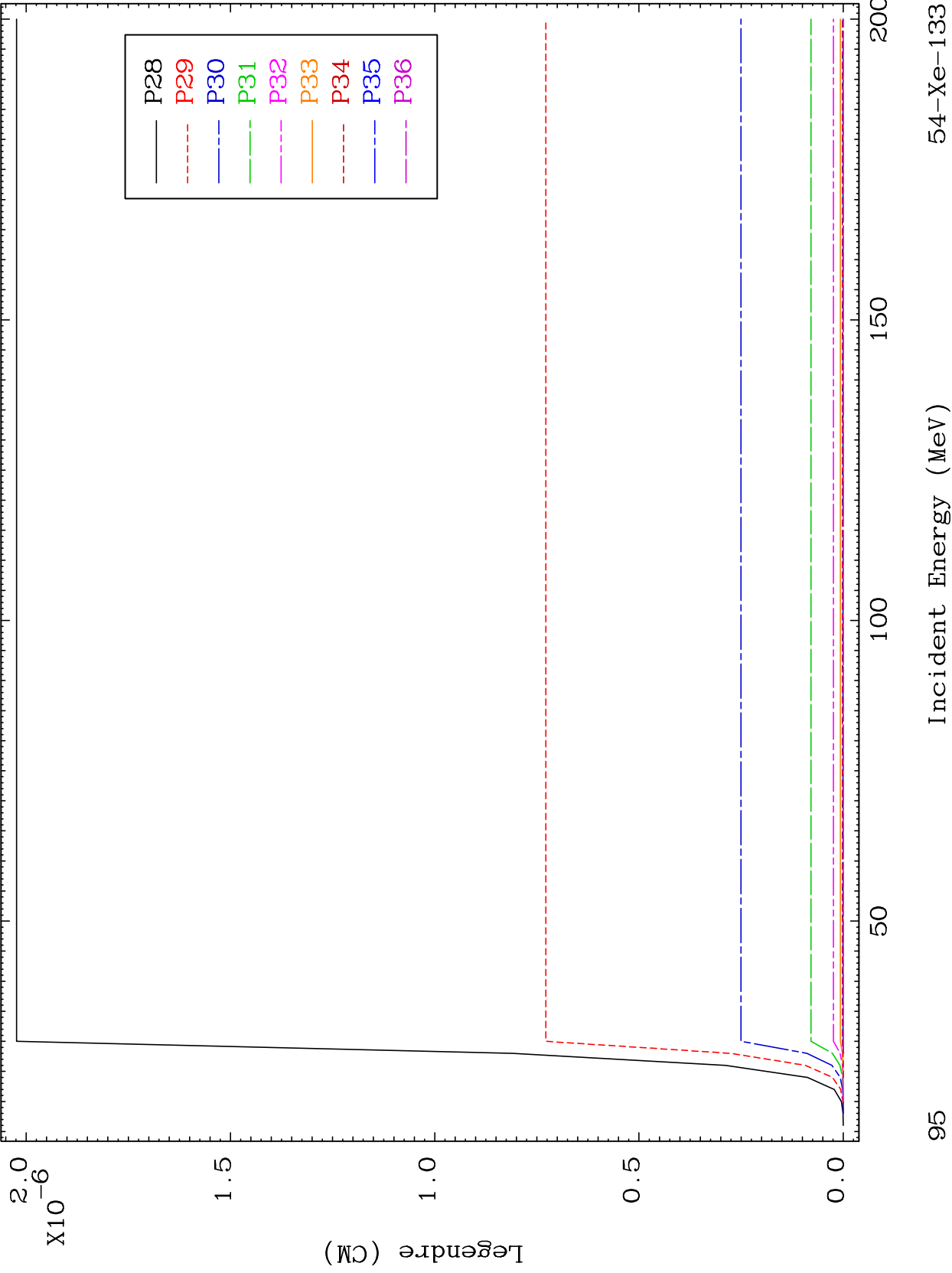
94

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

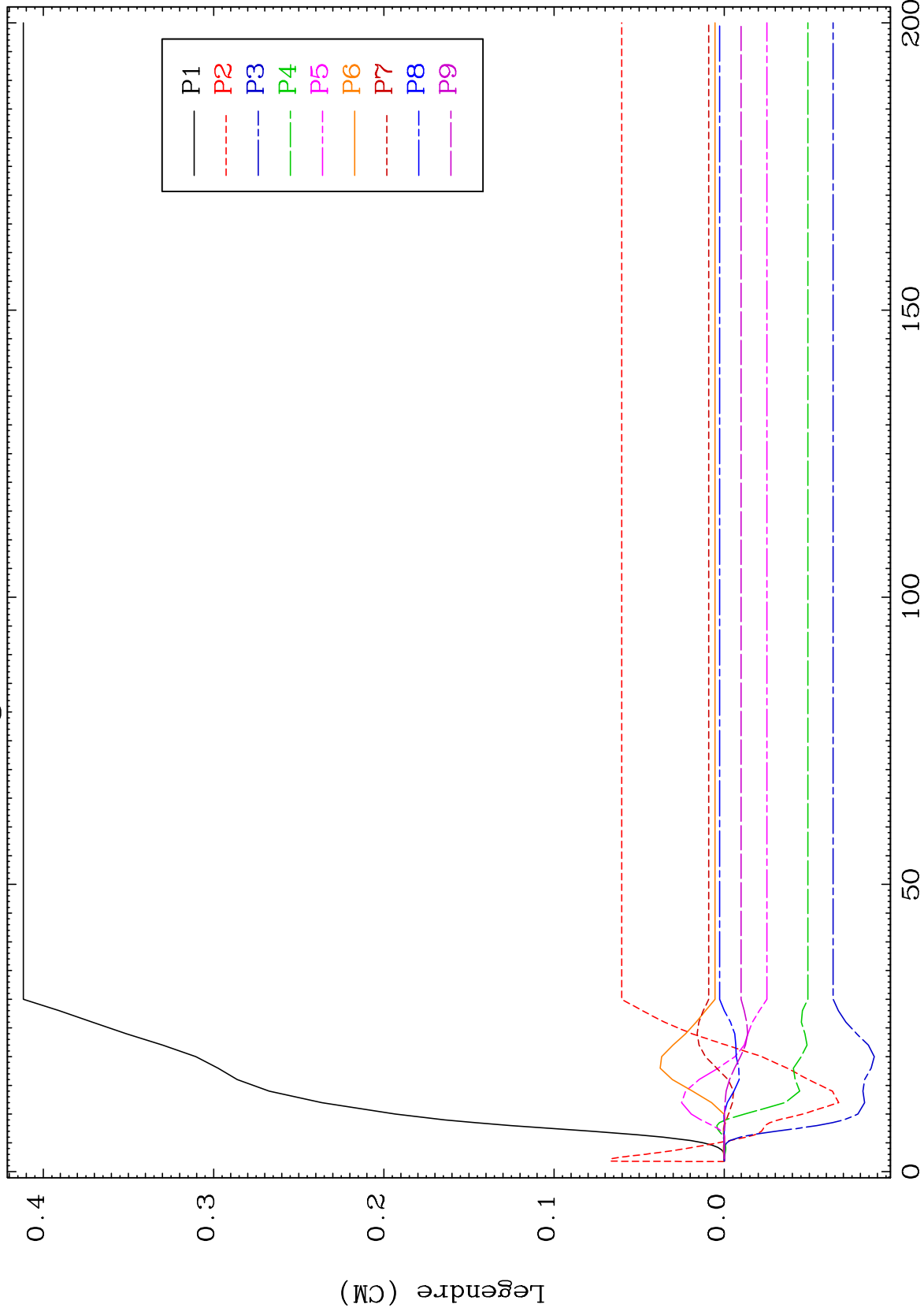
Incident Energy (MeV)

95

MAT 5452

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

54-Xe-133



96

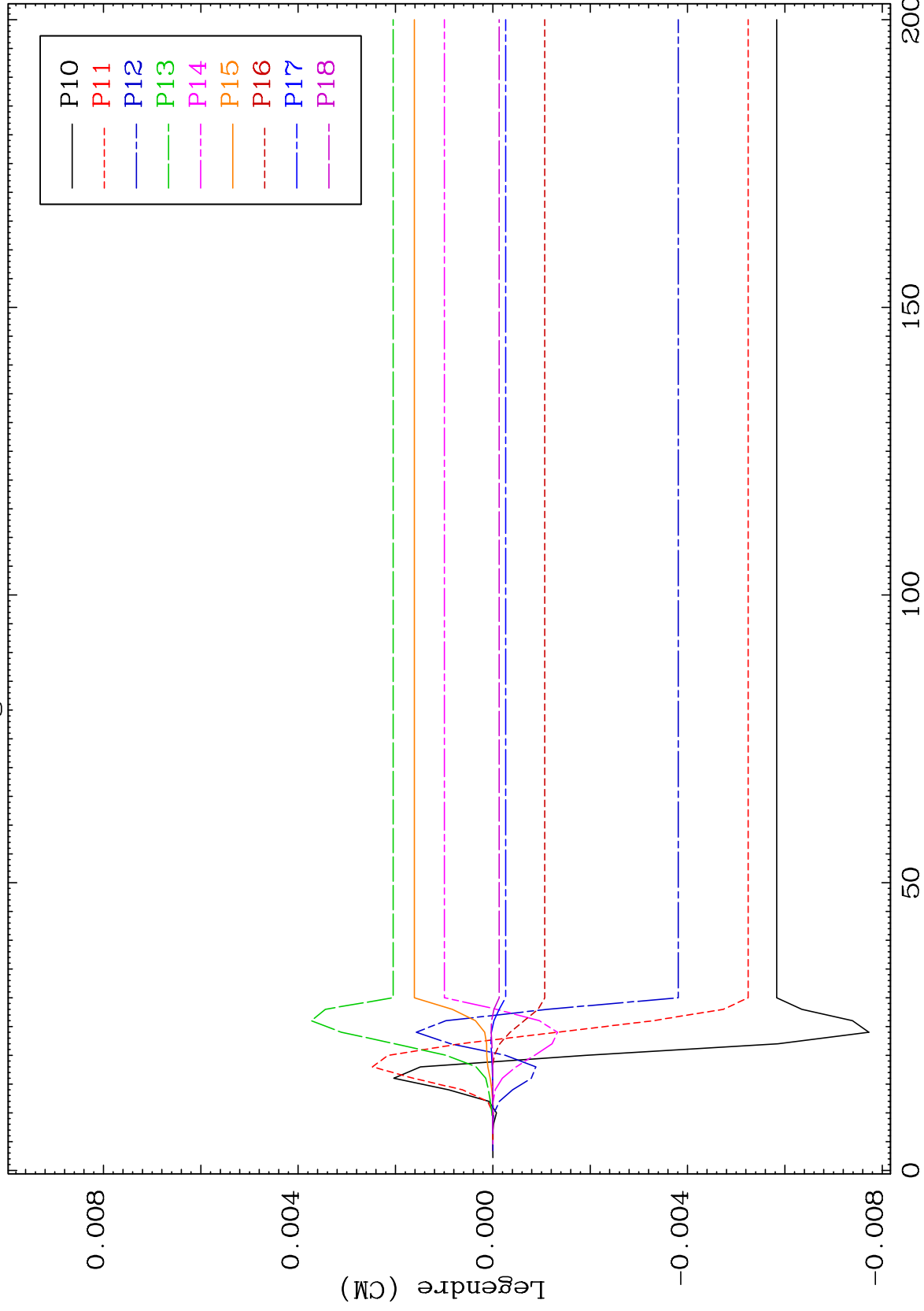
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



97

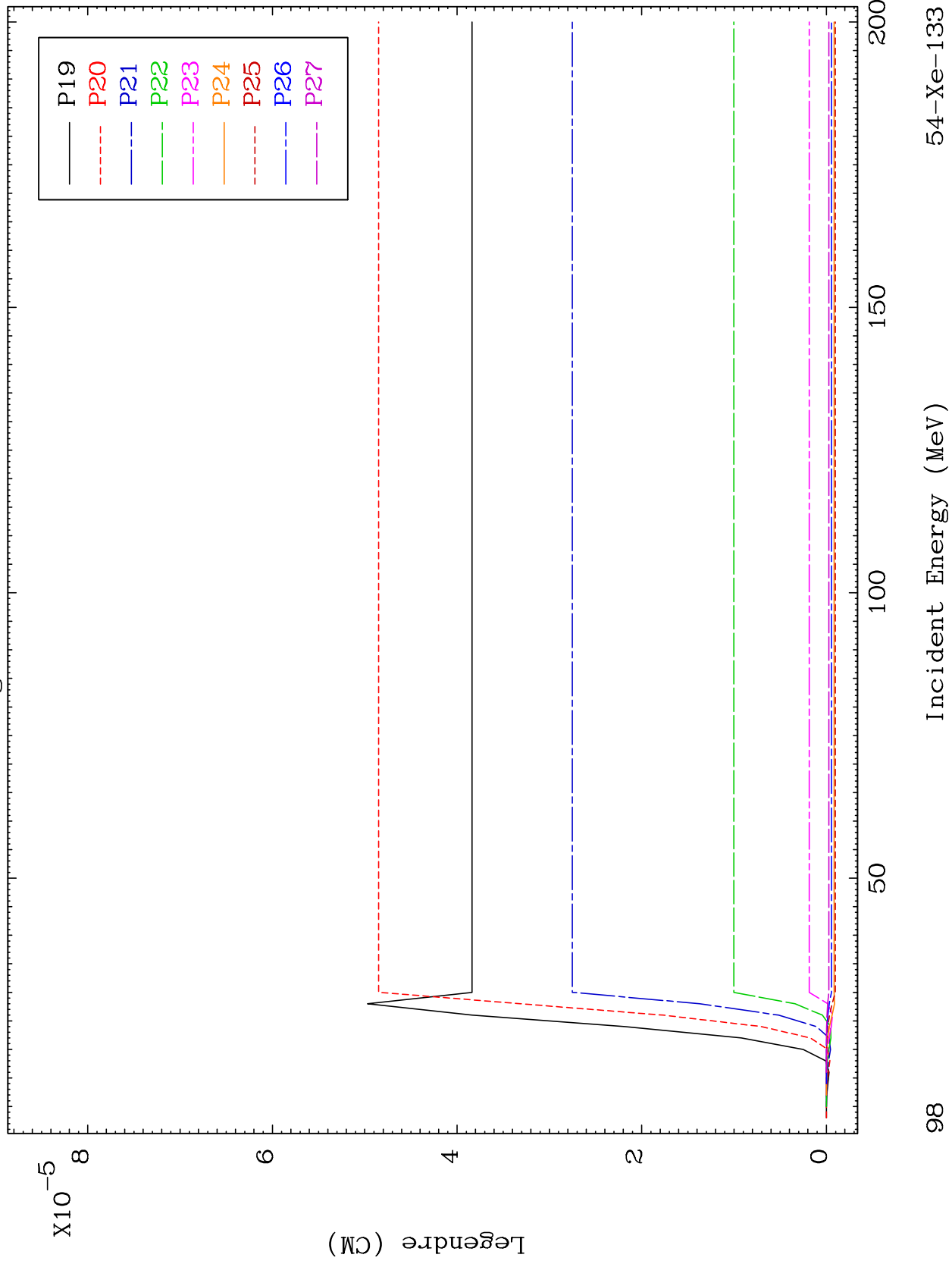
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

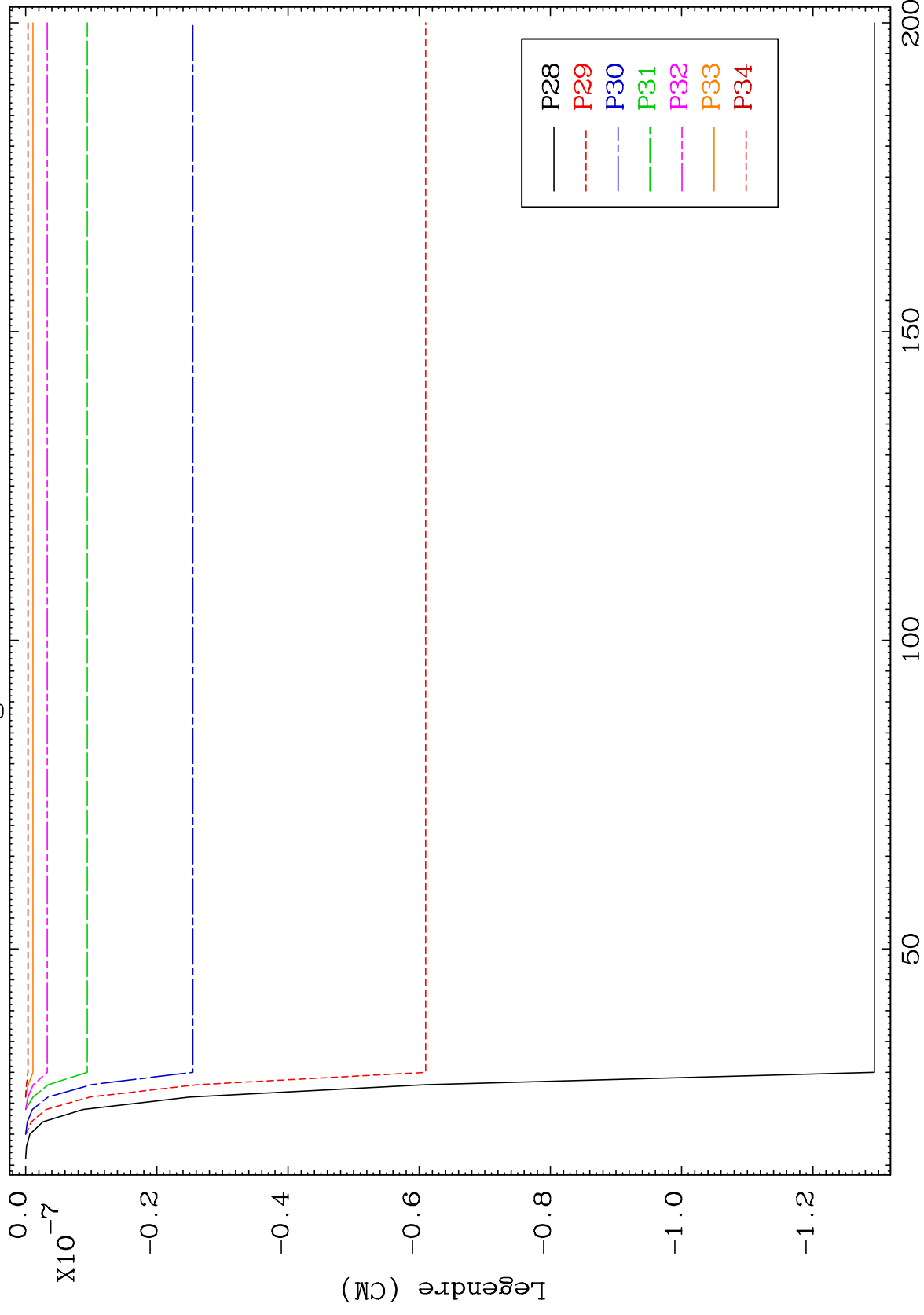
54-Xe-133



MAT 5452

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

54-Xe-133



99

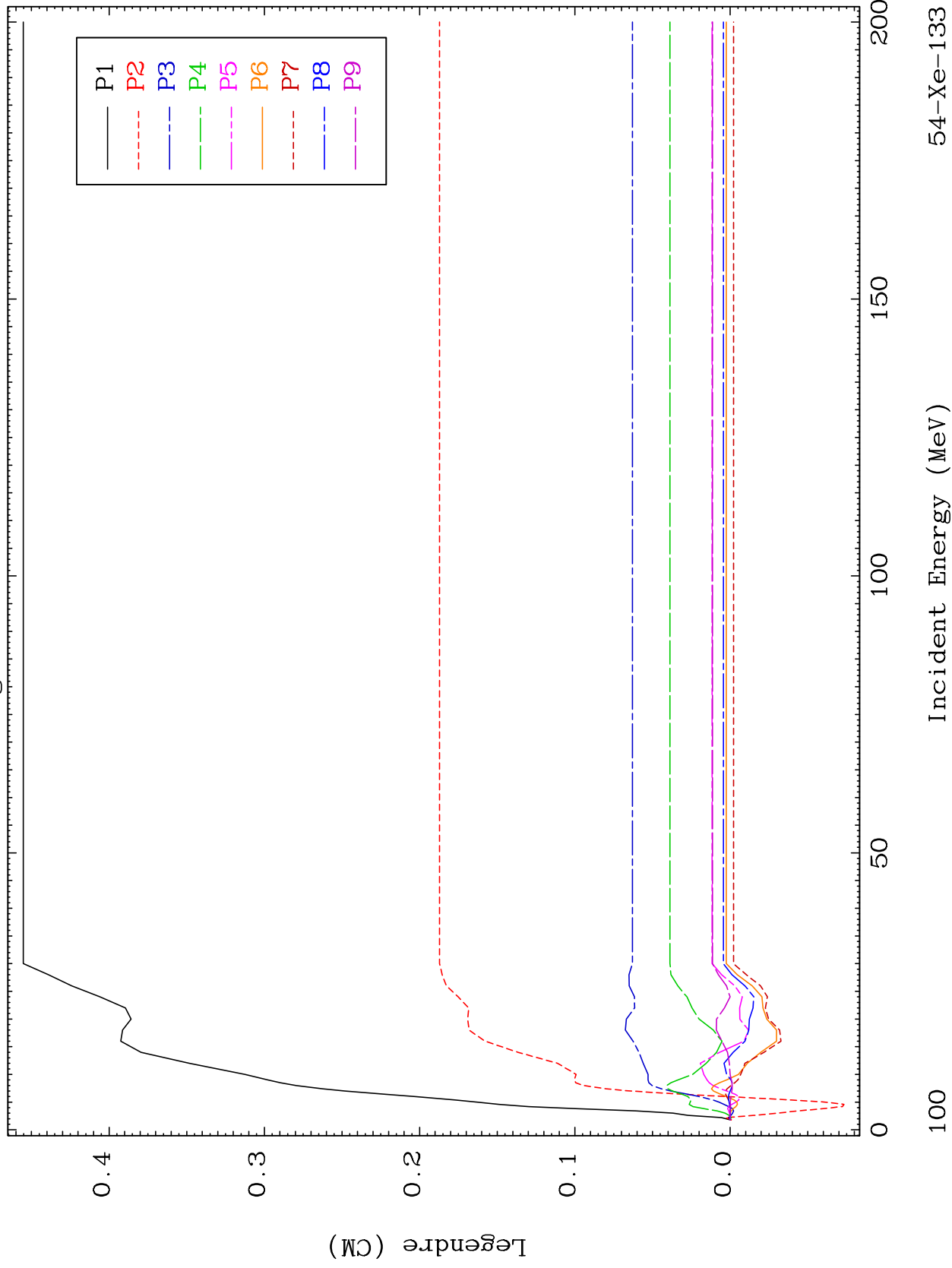
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



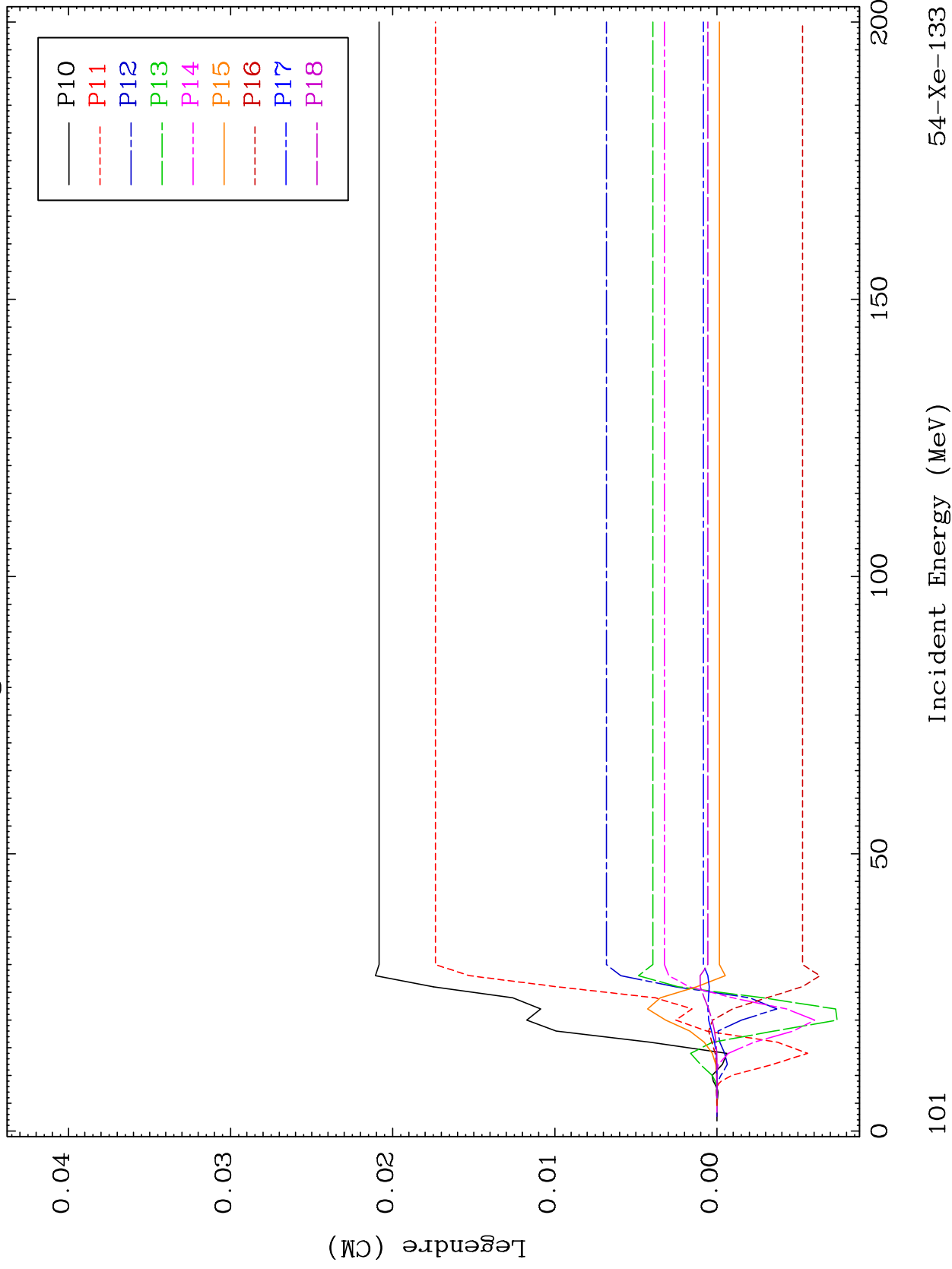
54-Xe-133

Incident Energy (MeV)

MAT 5452

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

54-Xe-133



54-Xe-133

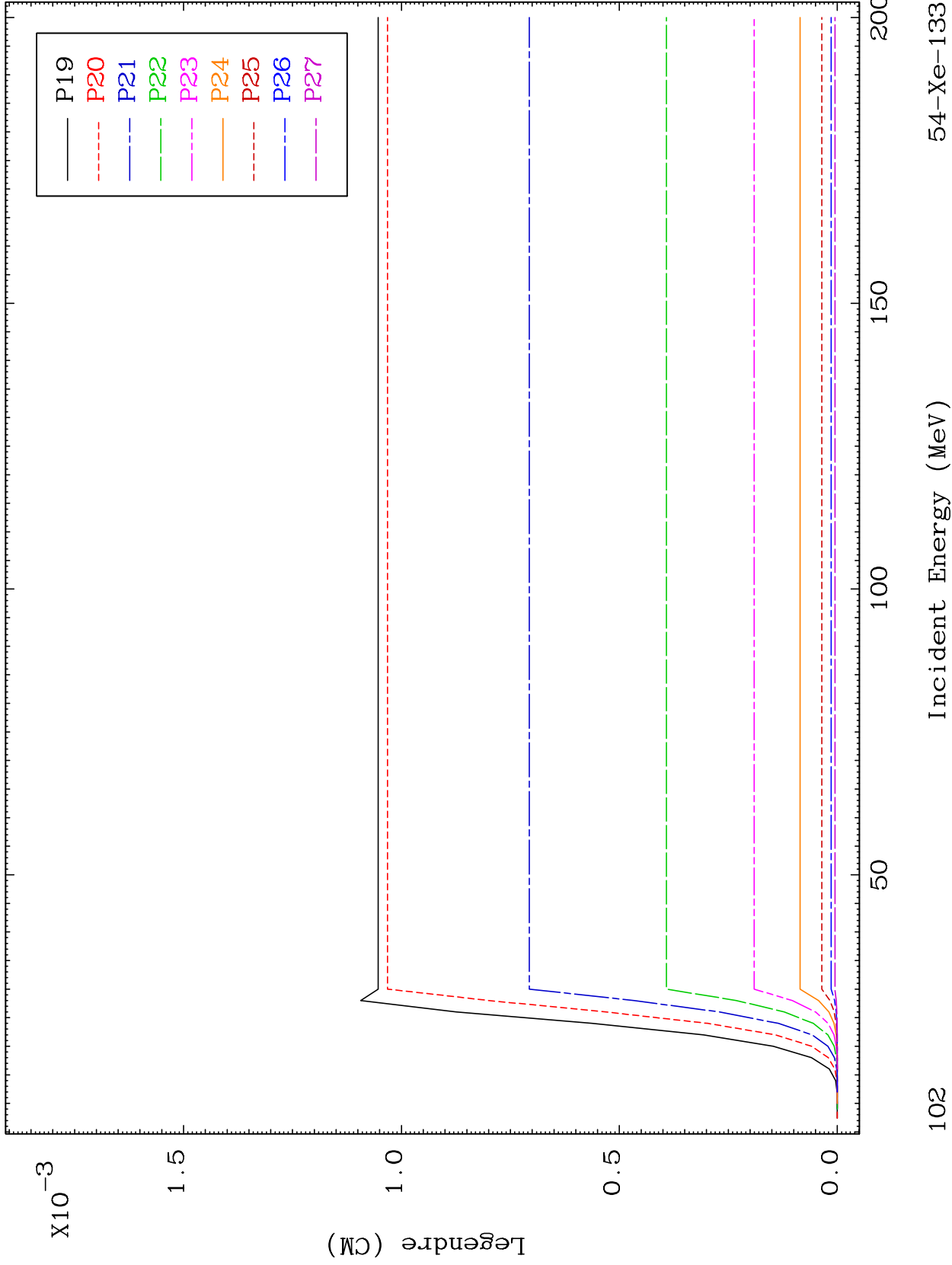
Incident Energy (MeV)

101

MAT 5452

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

54-Xe-133



102

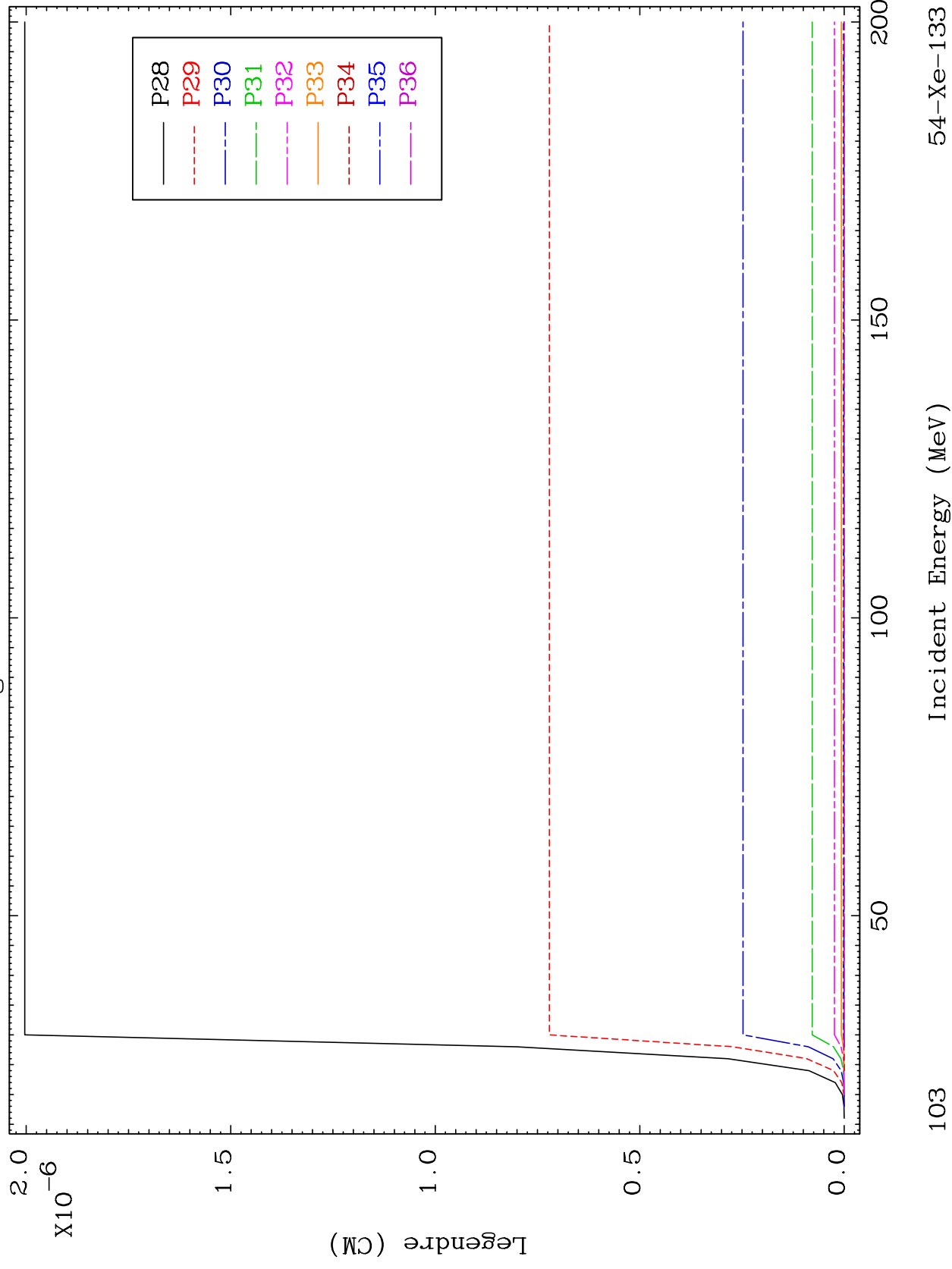
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



103

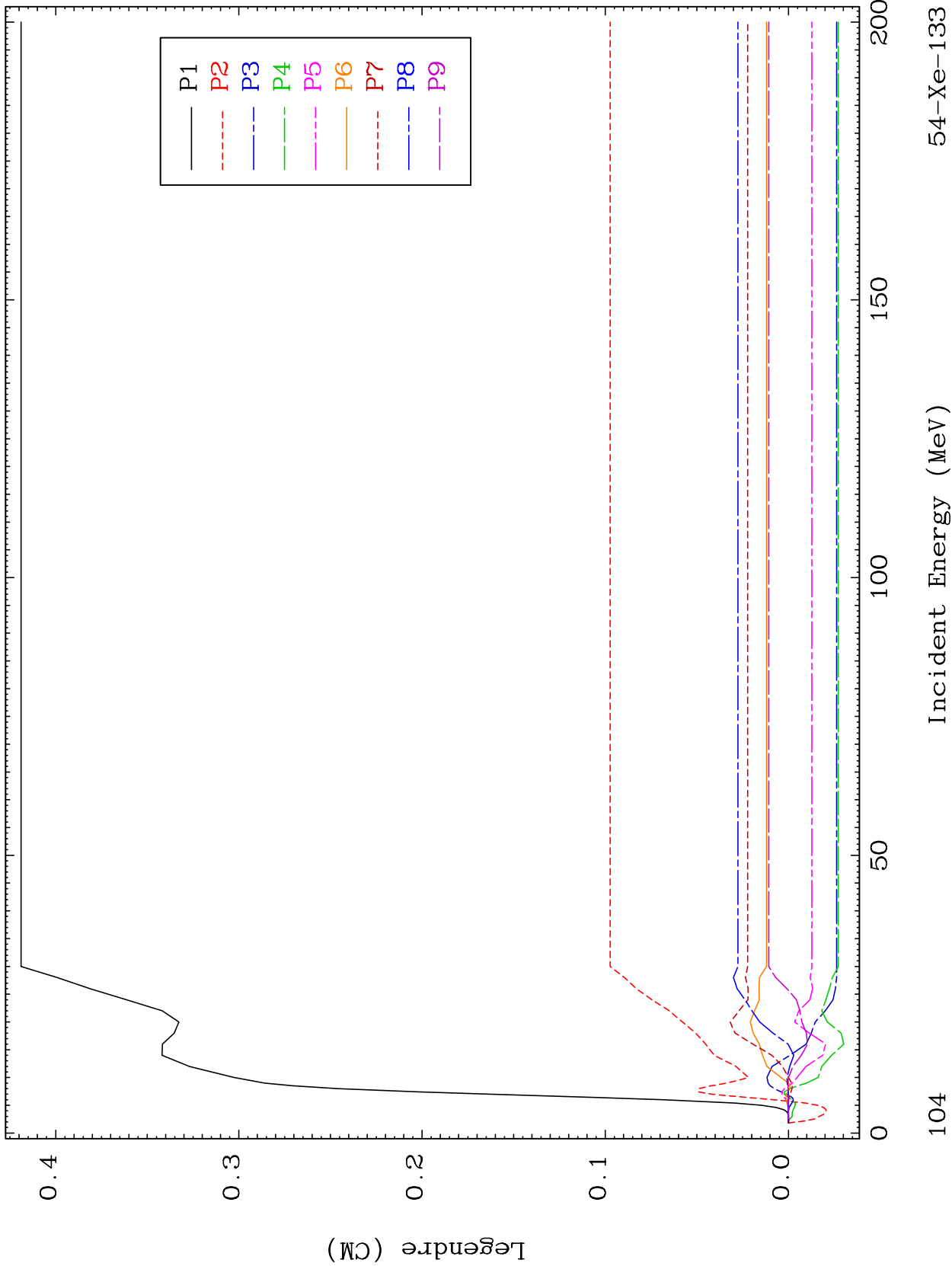
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133

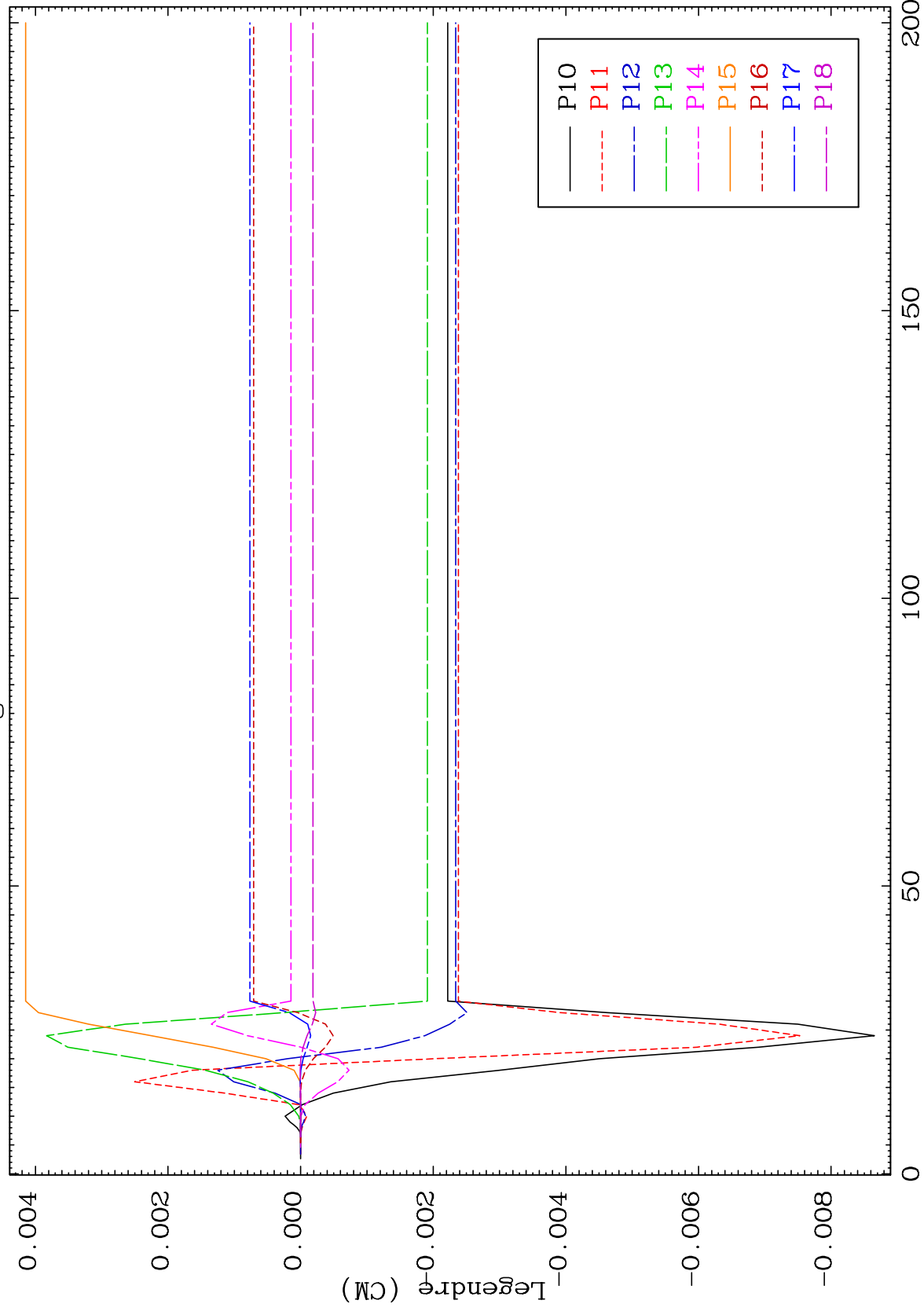


104

MAT 5452

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

54-Xe-133



105

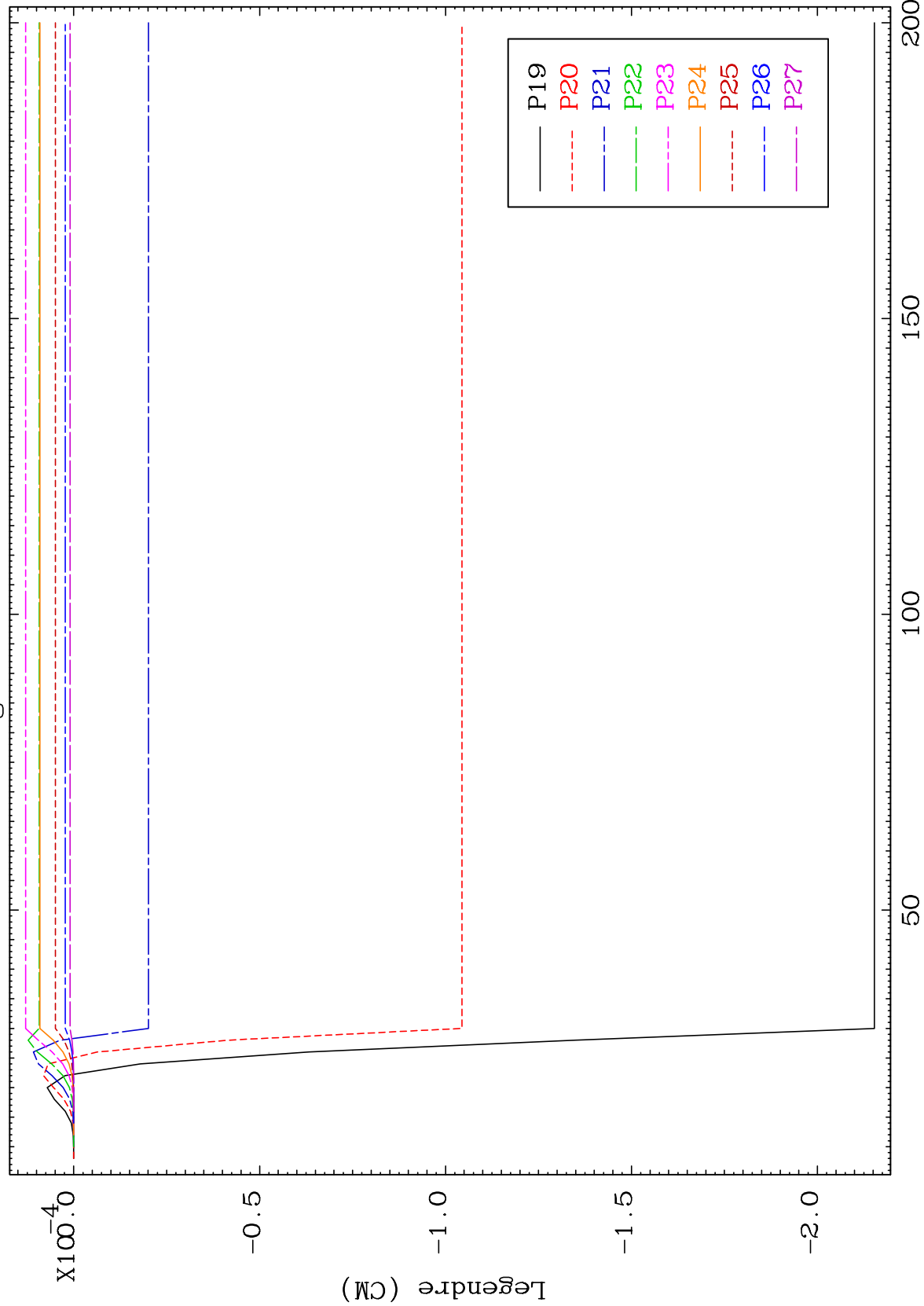
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



106

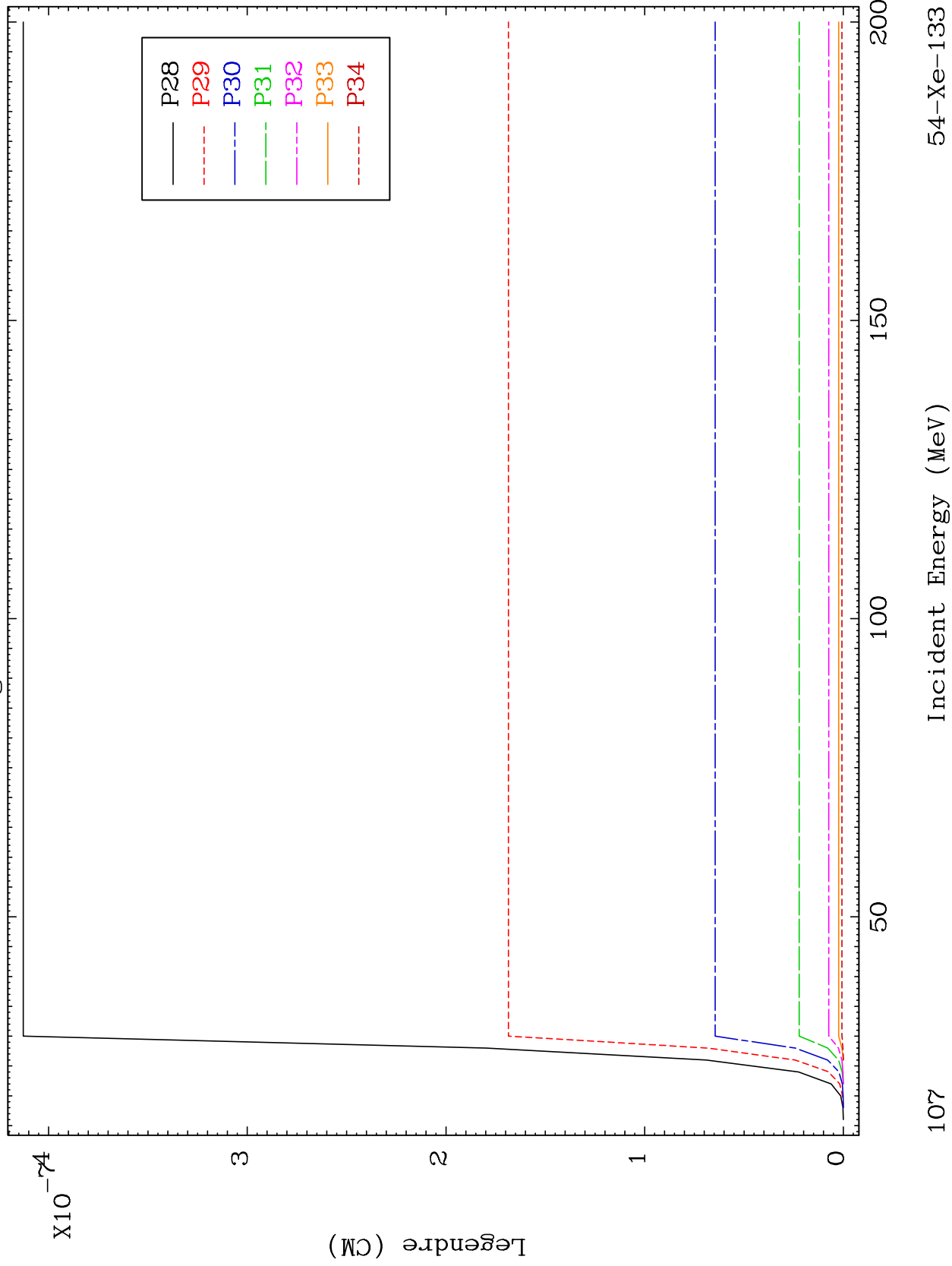
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

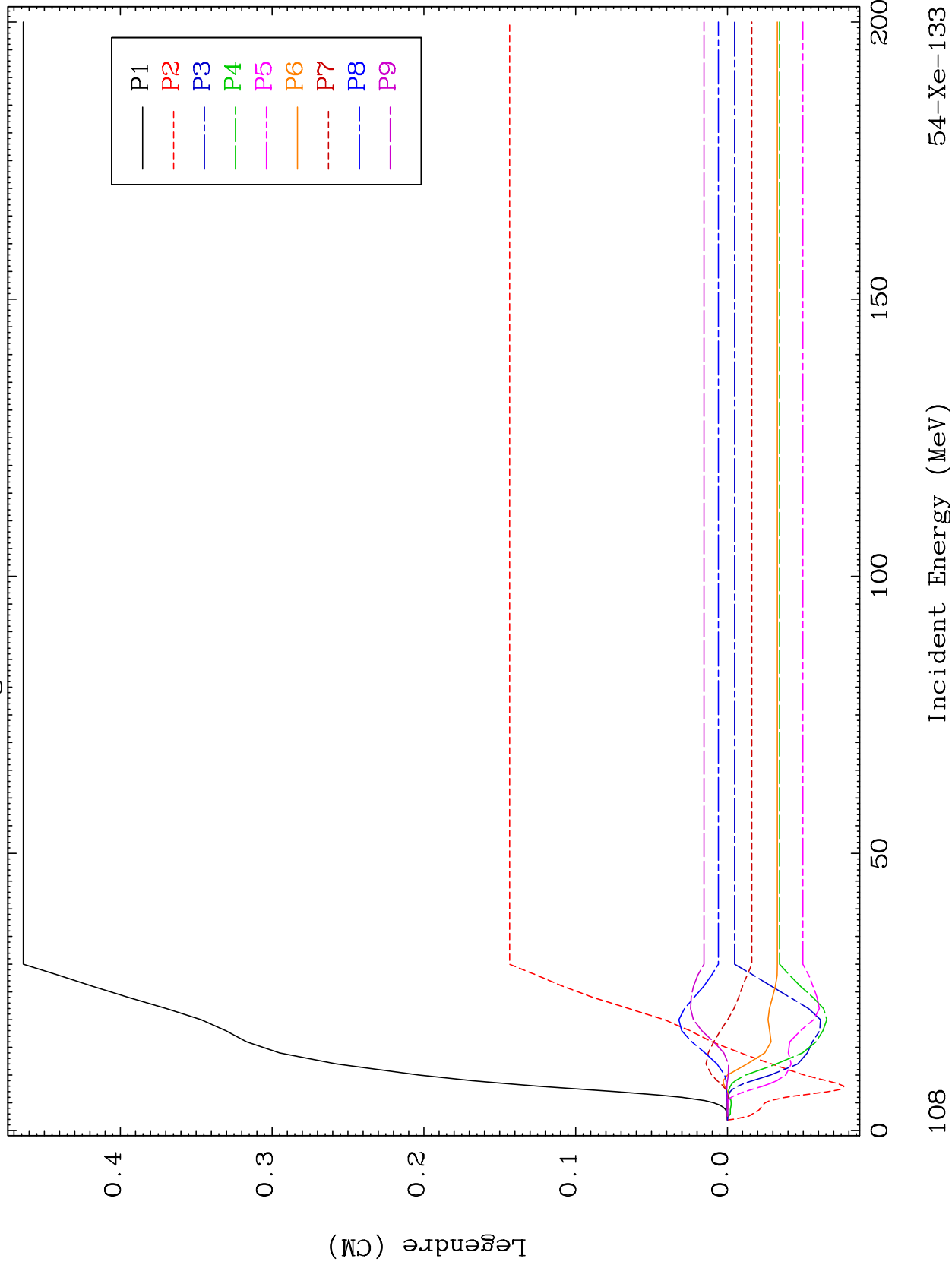
54-Xe-133



MAT 5452

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

54-Xe-133



54-Xe-133

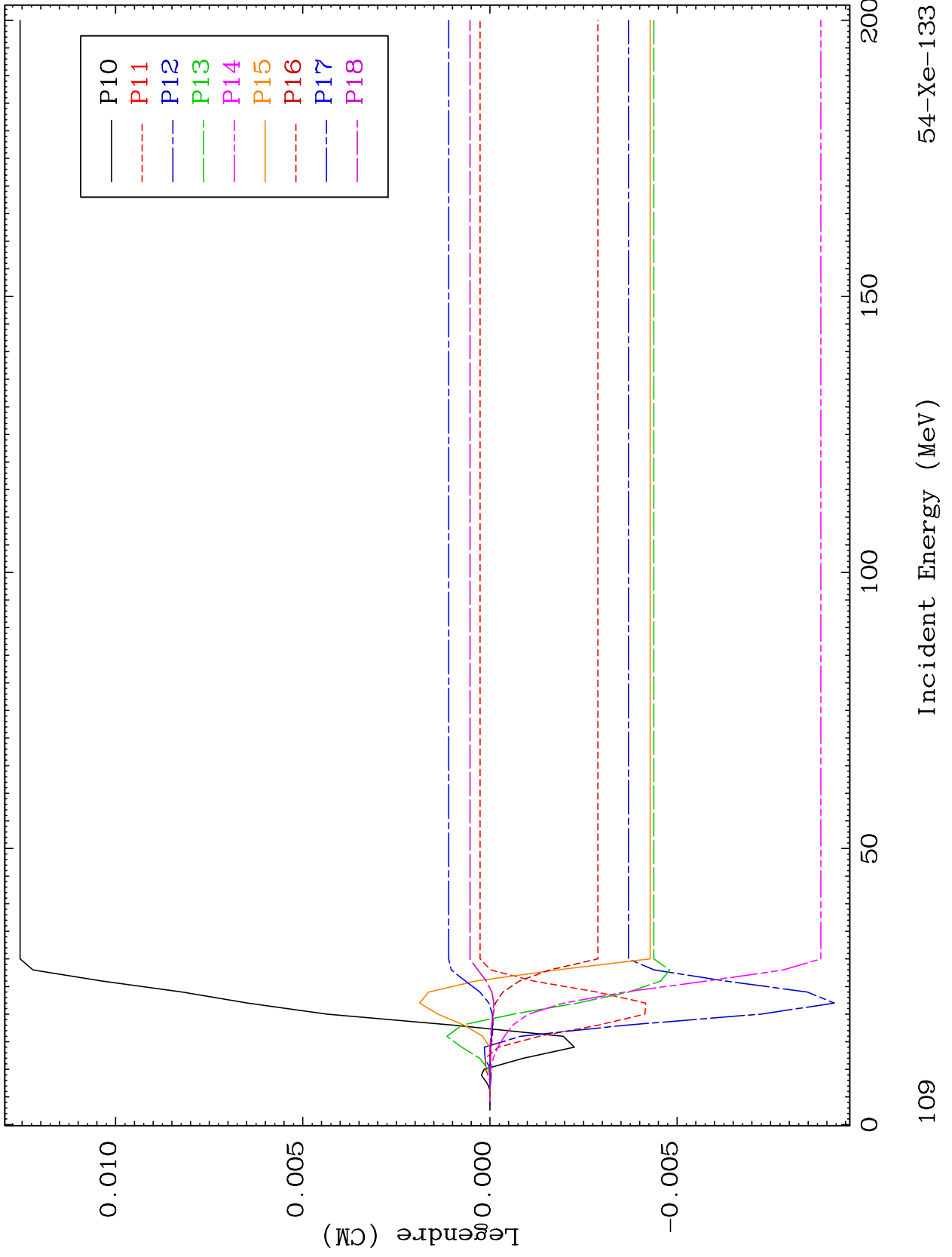
Incident Energy (MeV)

108

MAT 5452

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

54-Xe-133



109

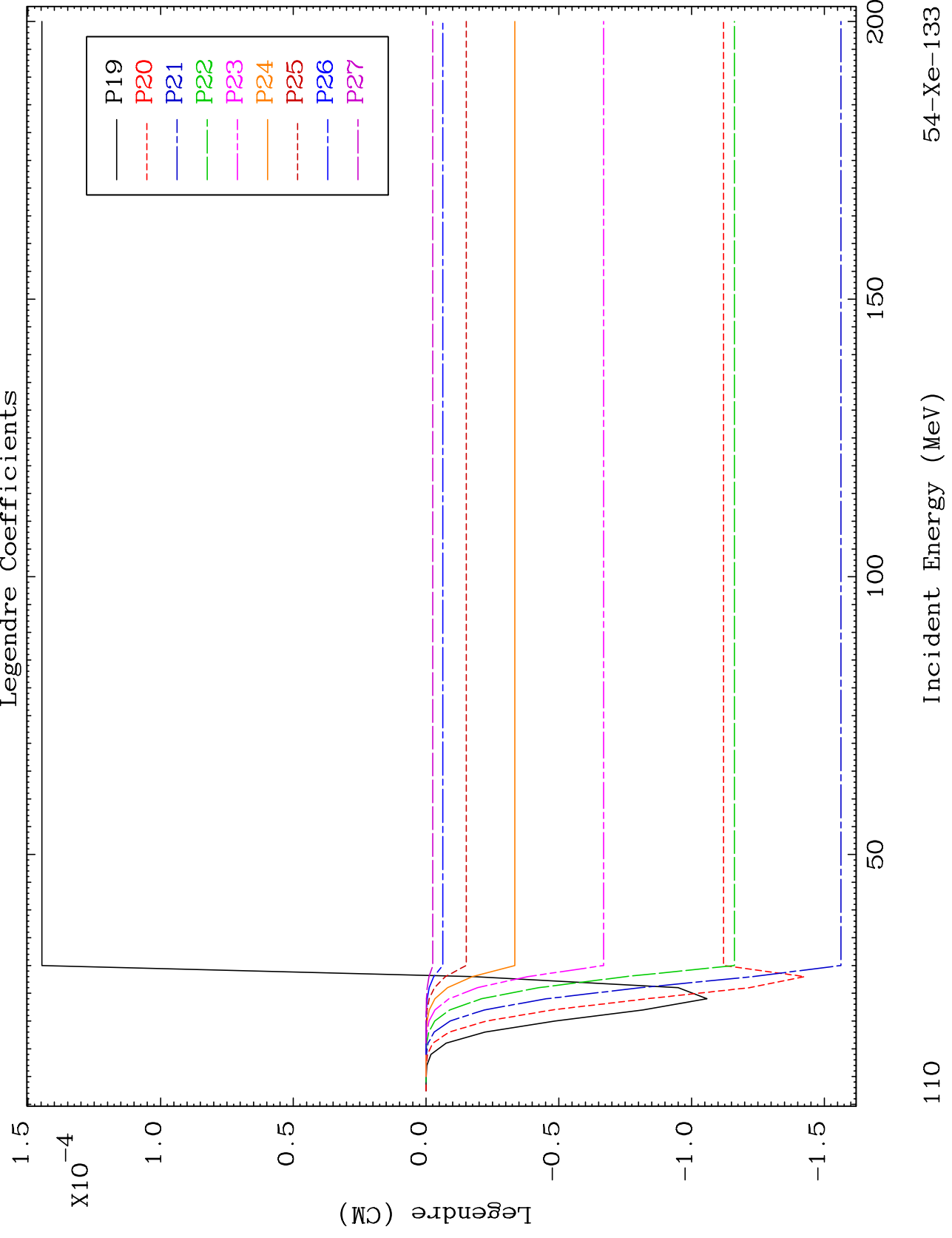
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



110

Incident Energy (MeV)

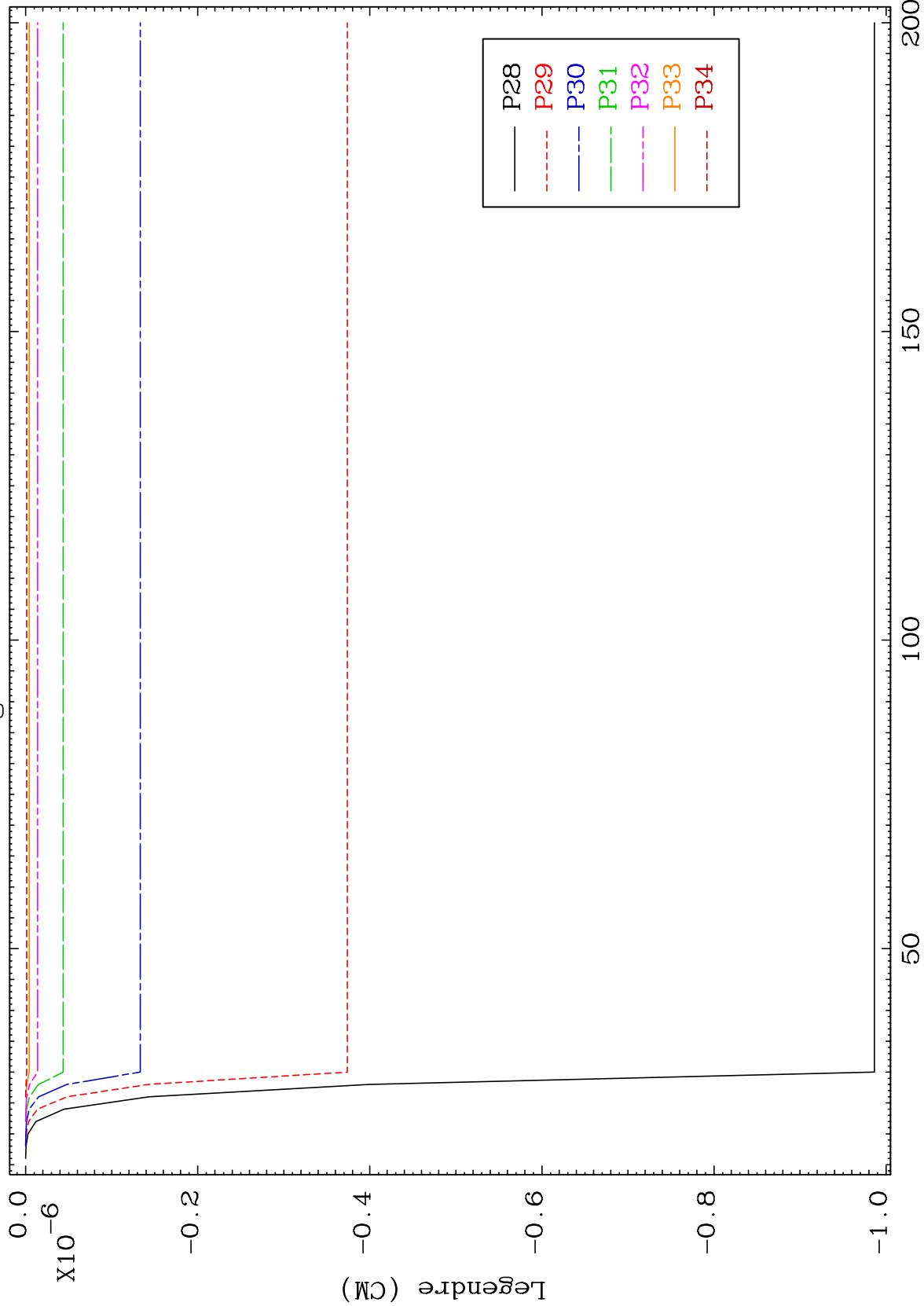
54-Xe-133

MAT 5452

MT= 73 (n,n') Level

54-Xe-133

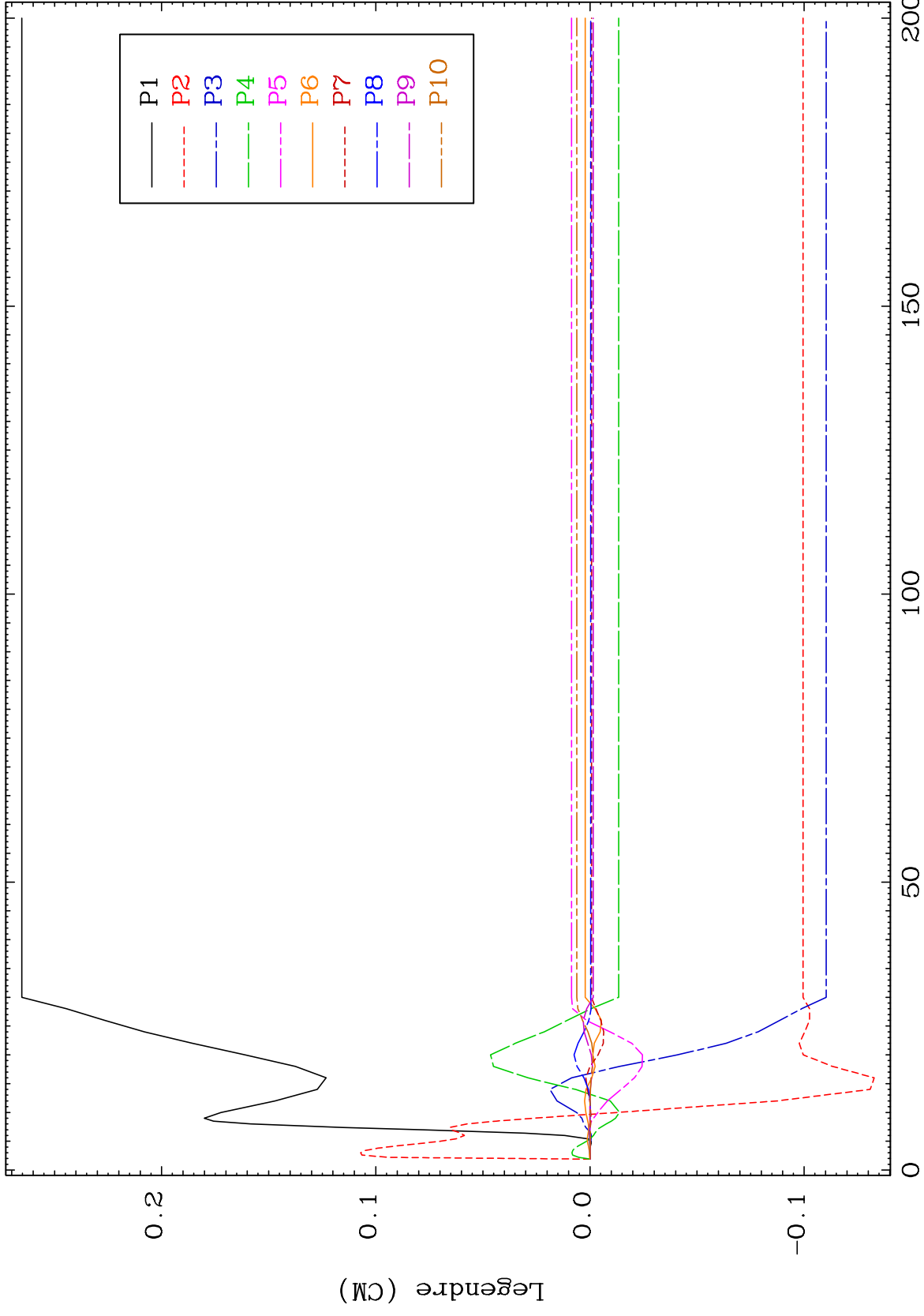
Legendre Coefficients



MAT 5452

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

54-Xe-133



112

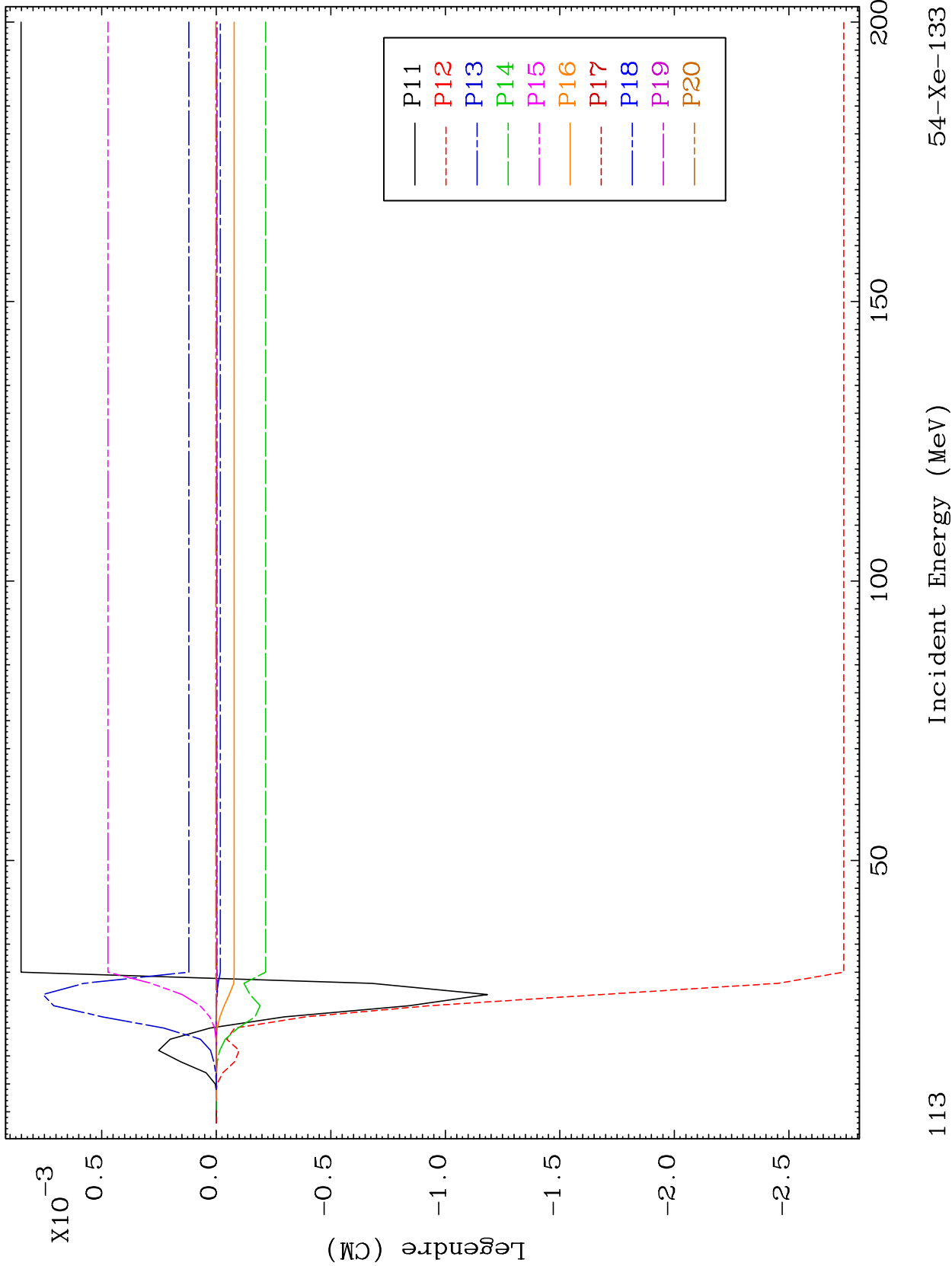
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



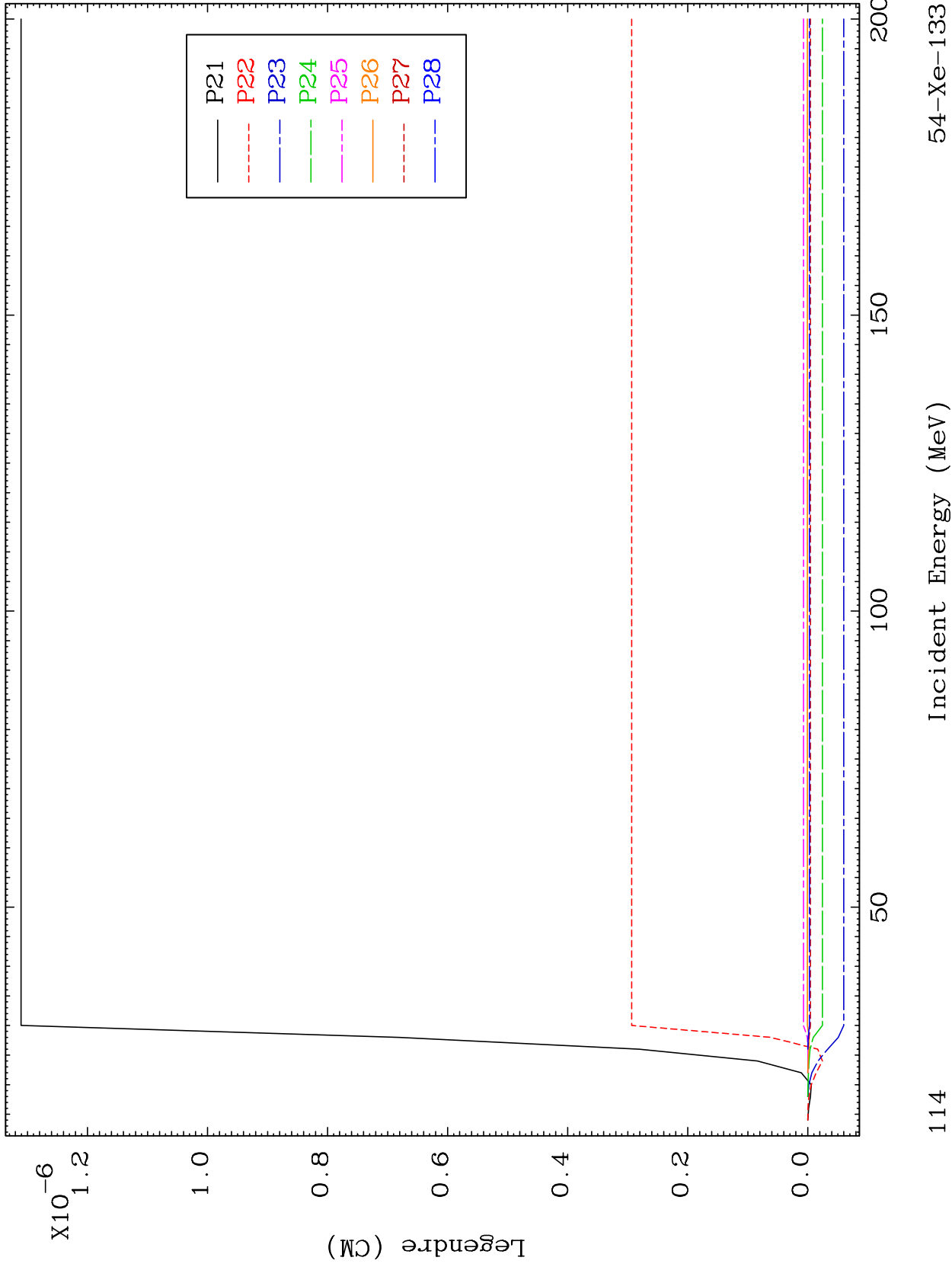
113

54-Xe-133

MAT 5452

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

54-Xe-133



114

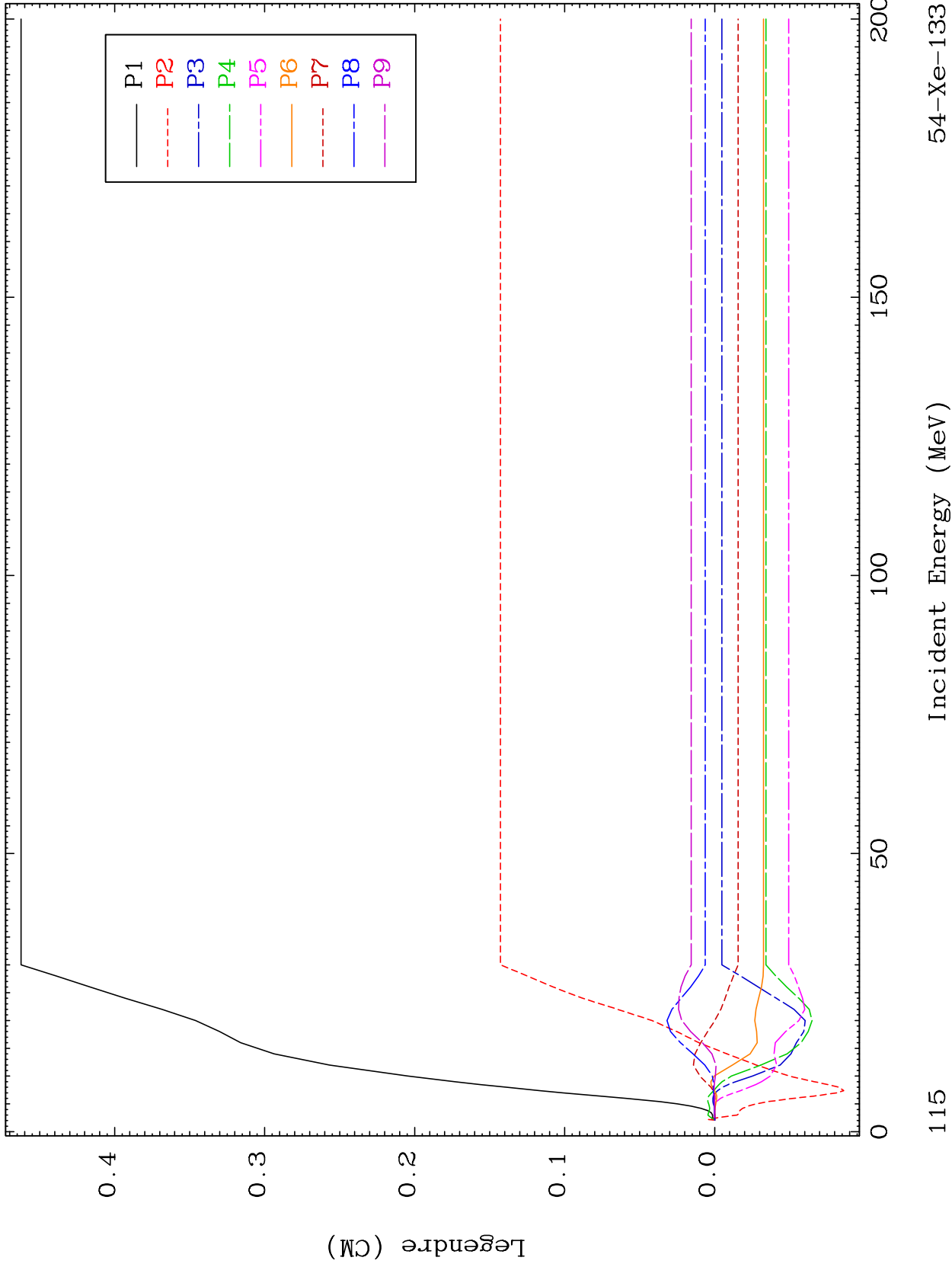
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

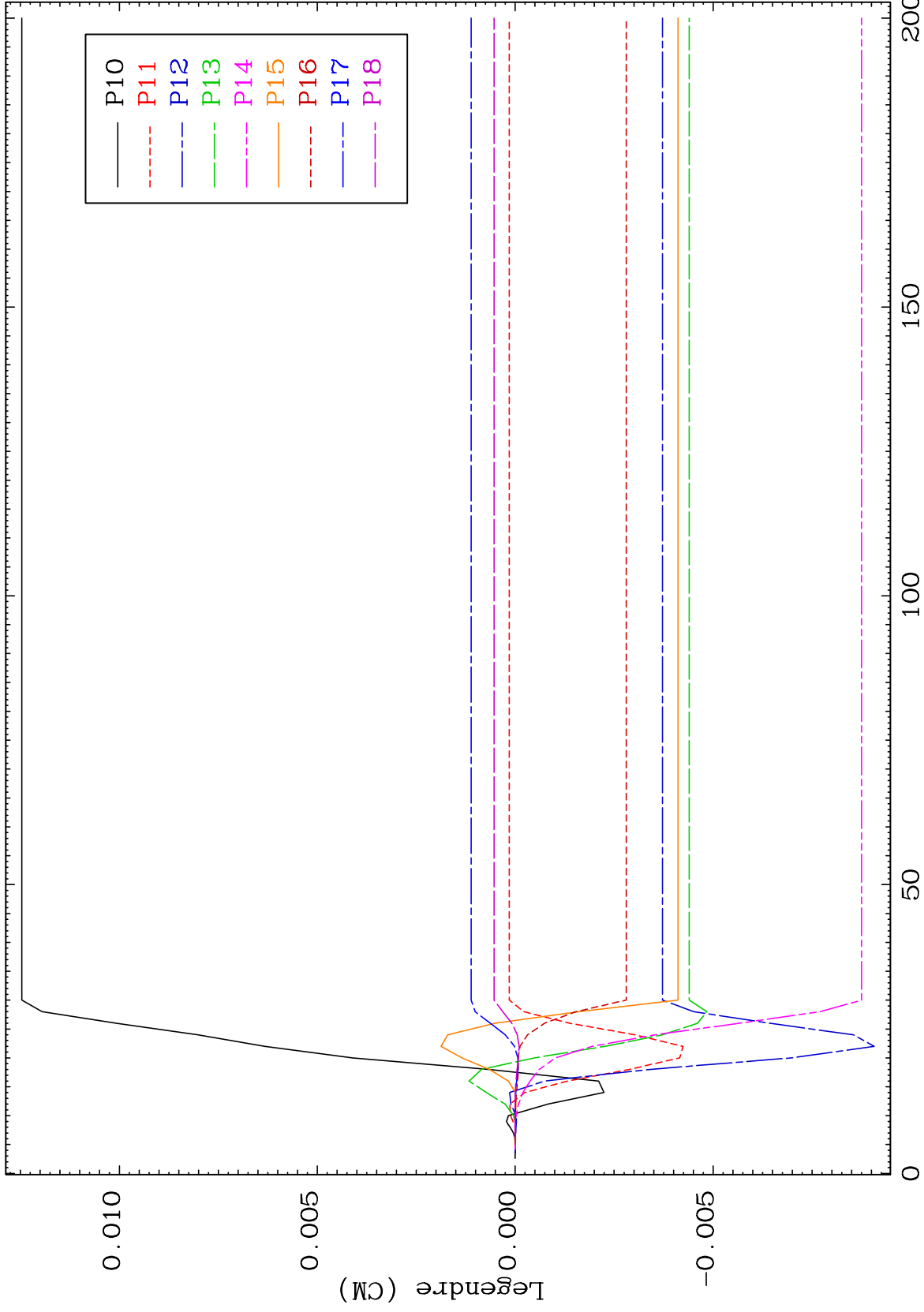
Incident Energy (MeV)

115

MAT 5452

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

54-Xe-133



116

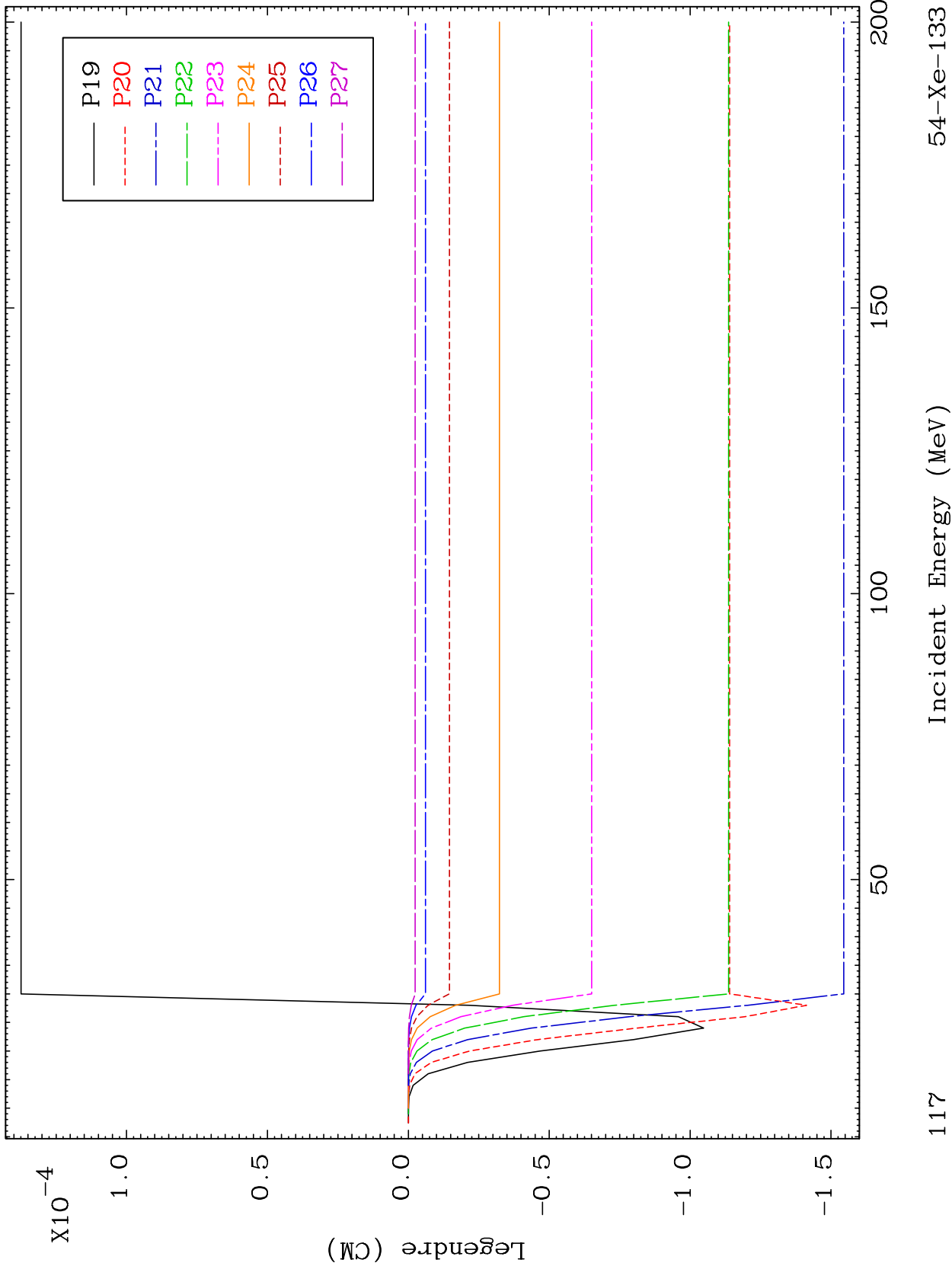
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



117

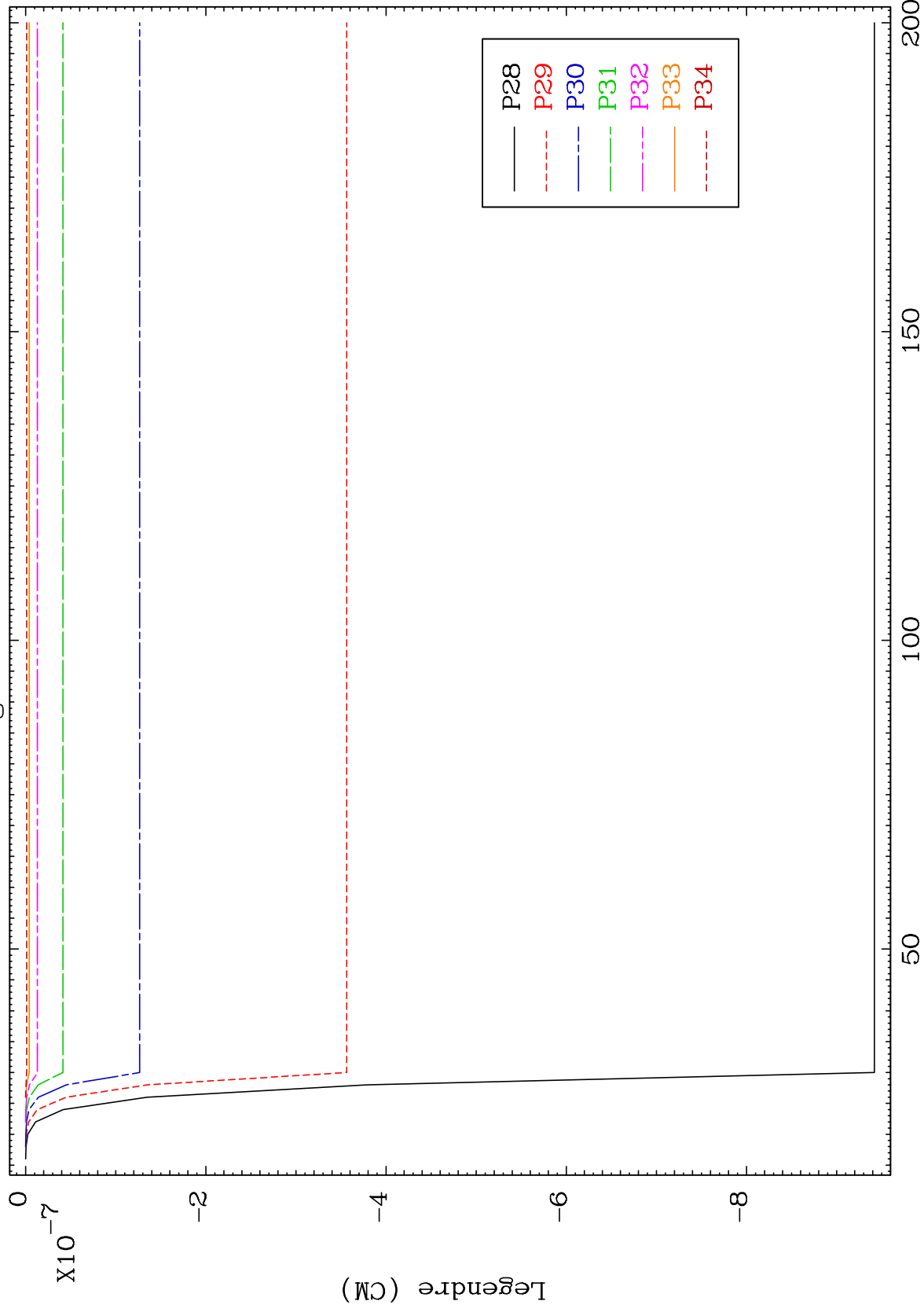
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



118

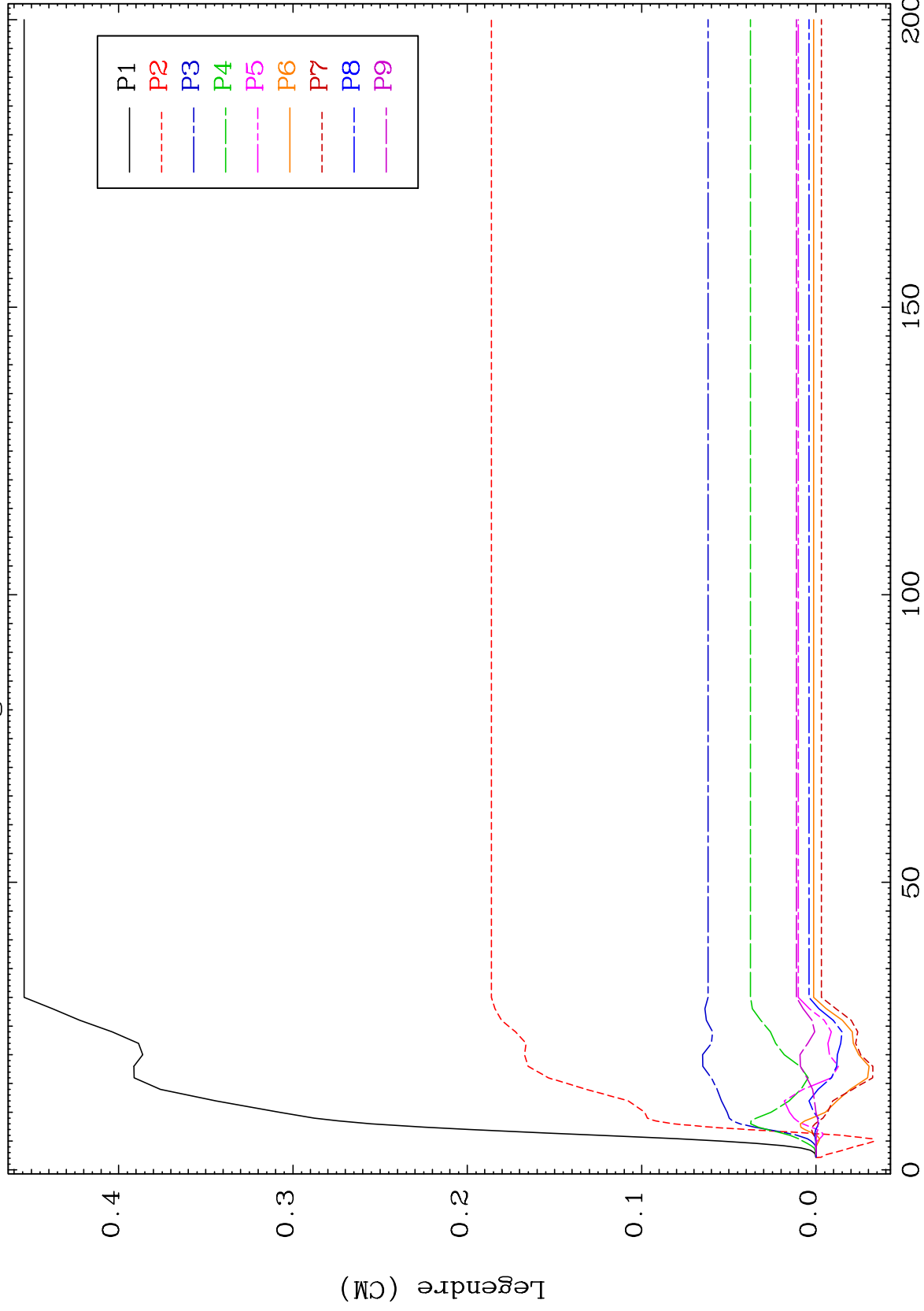
Incident Energy (MeV)

54-Xe-133

MAT 5452

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

54-Xe-133



54-Xe-133

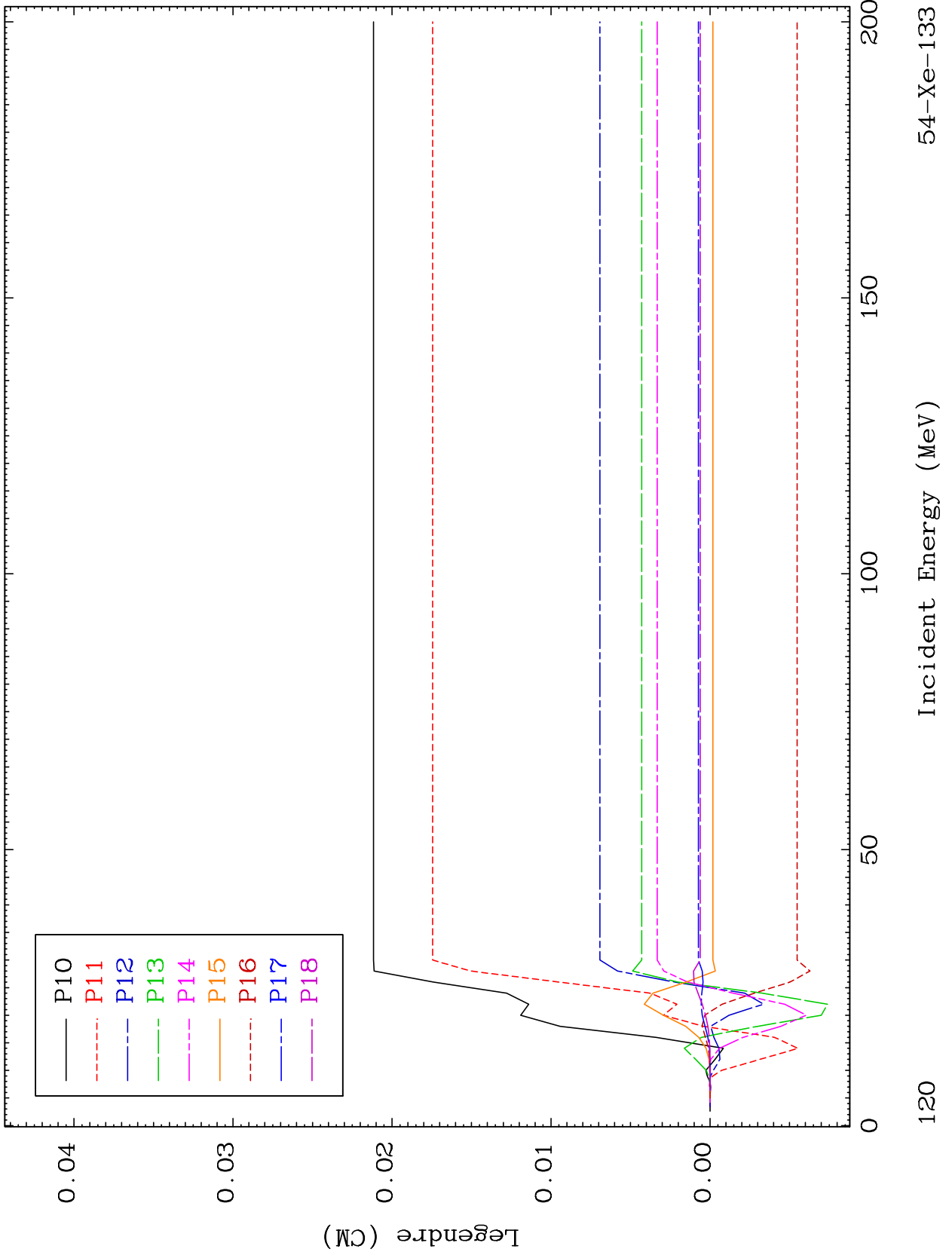
Incident Energy (MeV)

119

MAT 5452

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

54-Xe-133



54-Xe-133

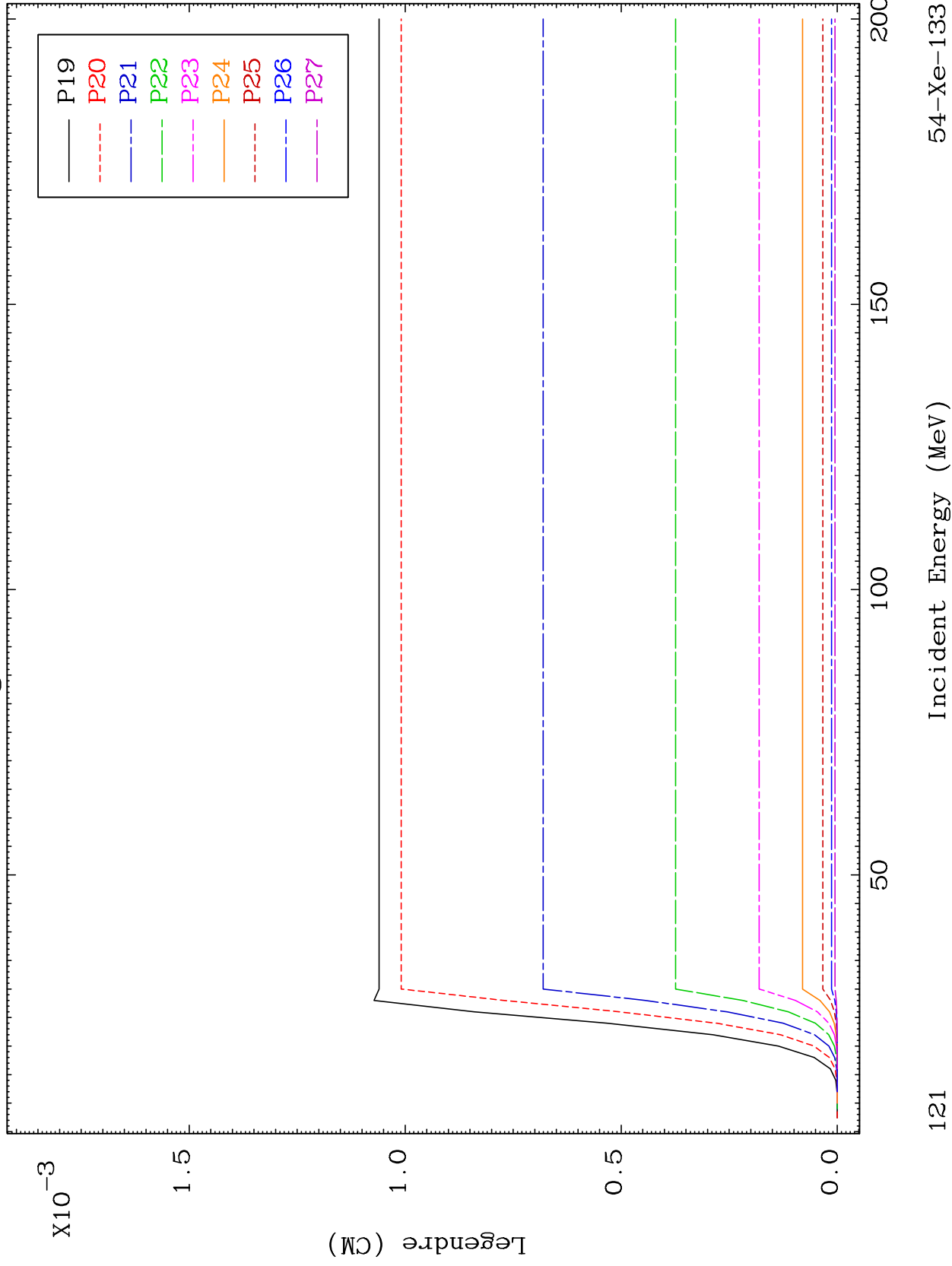
Incident Energy (MeV)

Legendre (CM)

MAT 5452

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

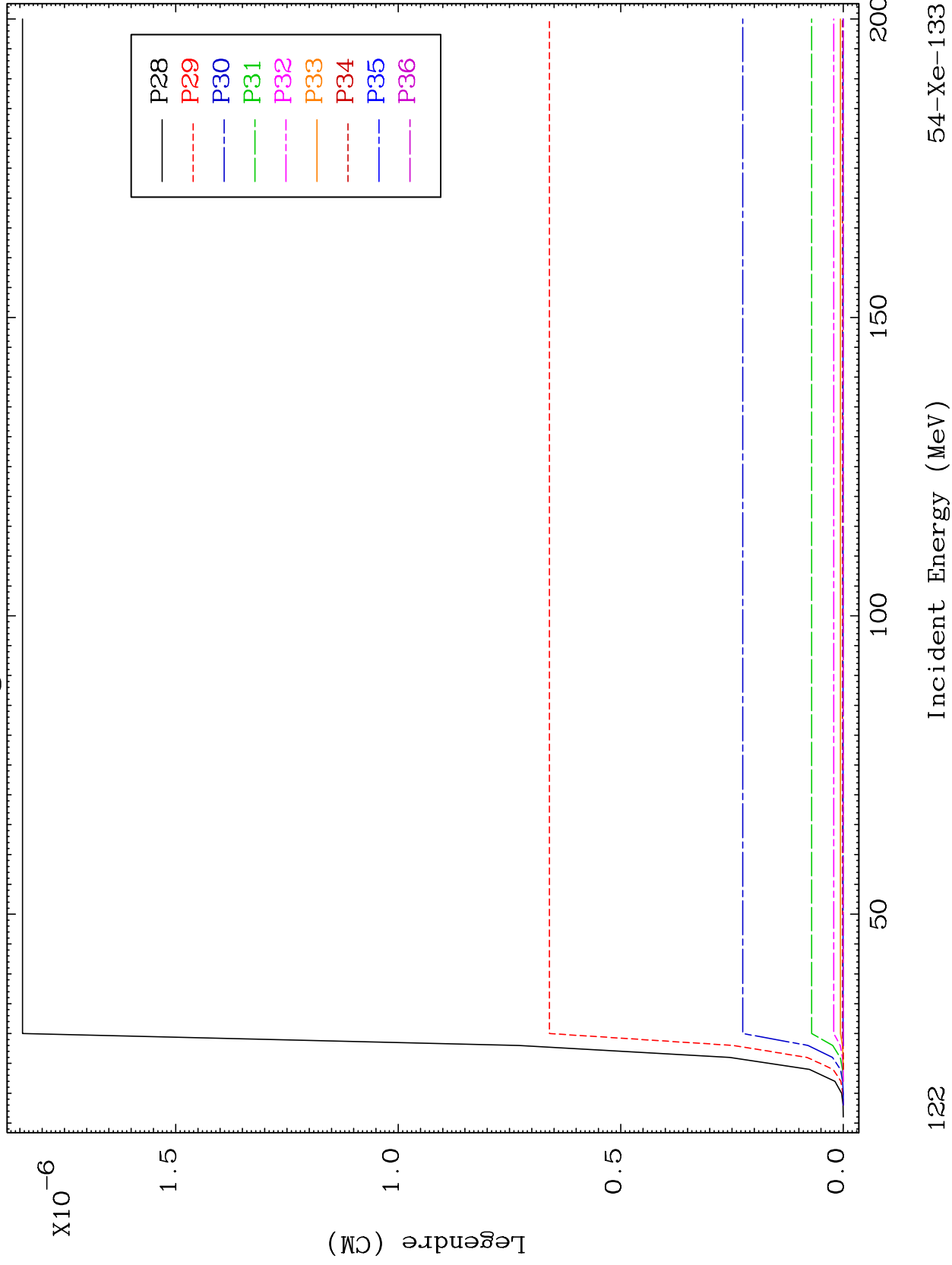
54-Xe-133



MAT 5452

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

54-Xe-133

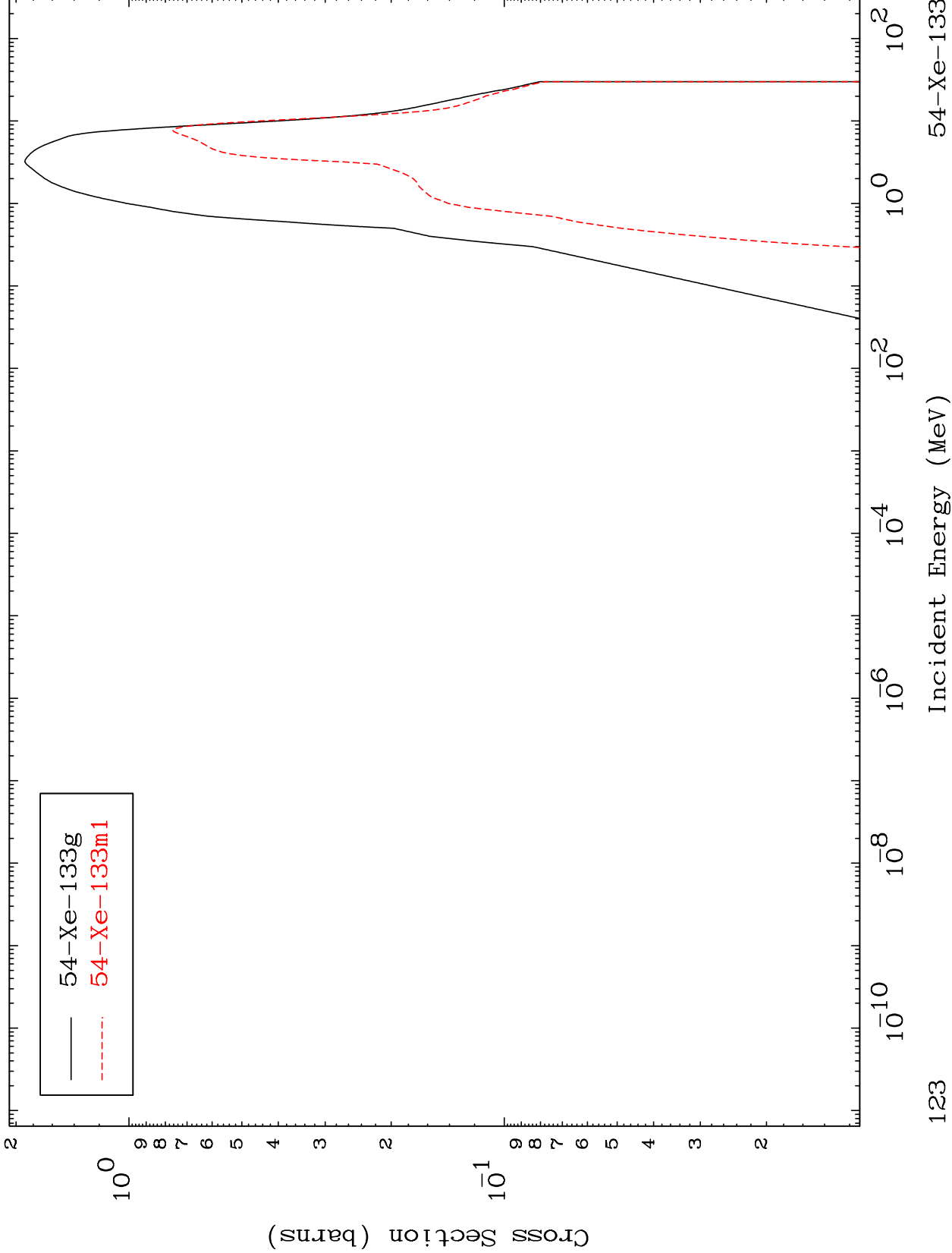


122

MAT 5452

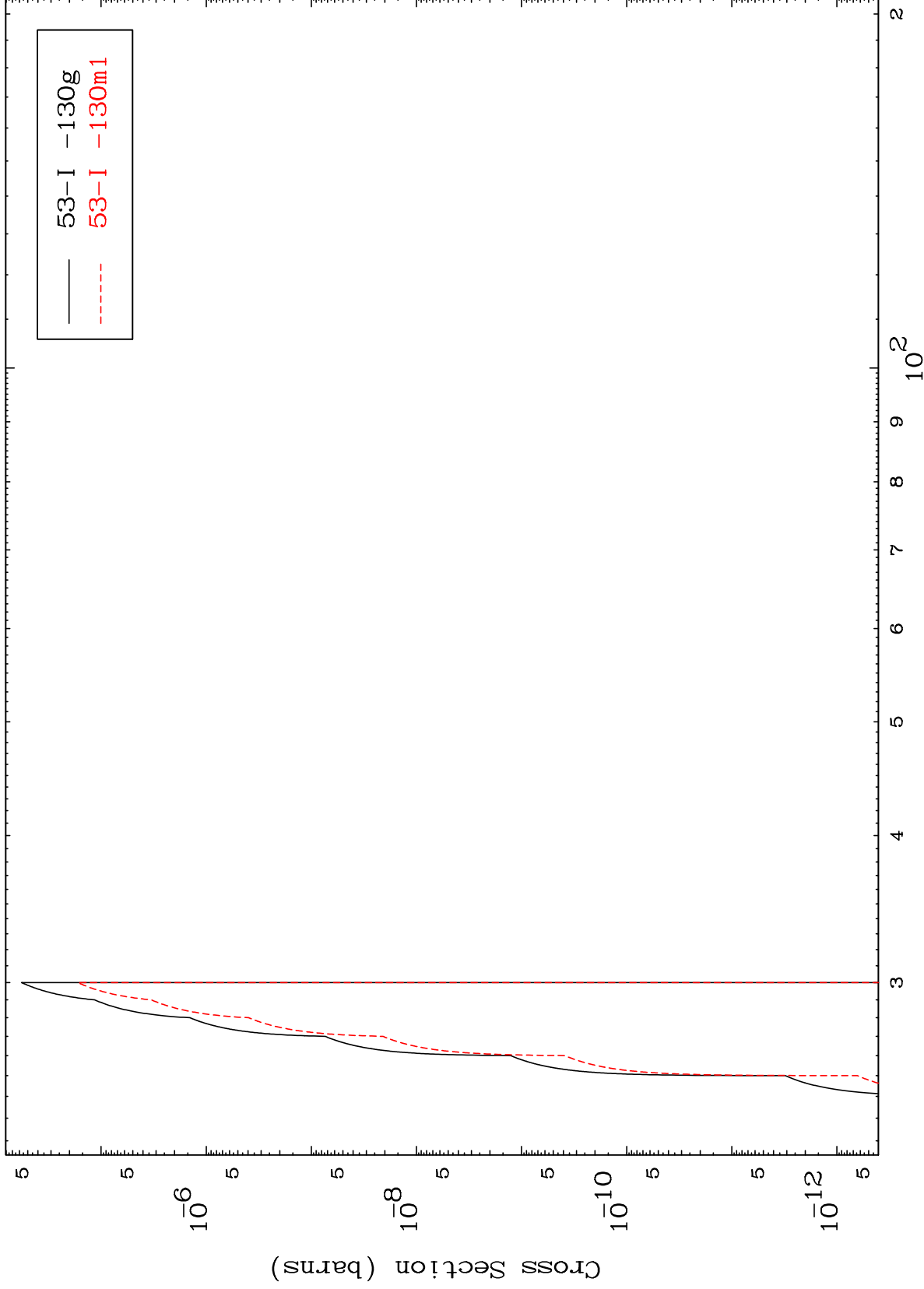
Radionuclide Production Cross Section

54-Xe-133



54-Xe-133g
54-Xe-133m1

Radionuclide Production Cross Section

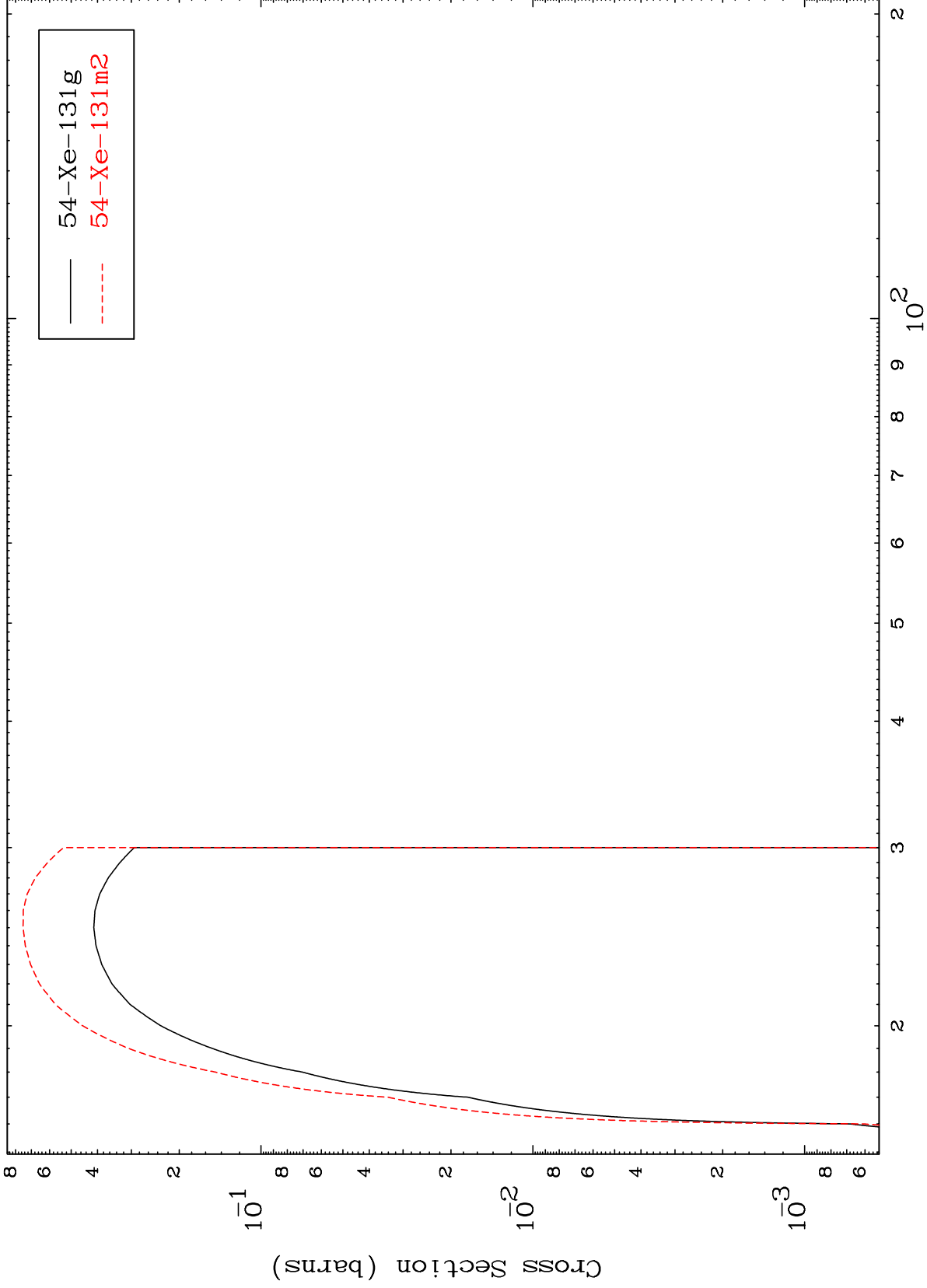


MAT 5452

(n,3n)

54-Xe-133

Radionuclide Production Cross Section



54-Xe-131g
54-Xe-131m2

125

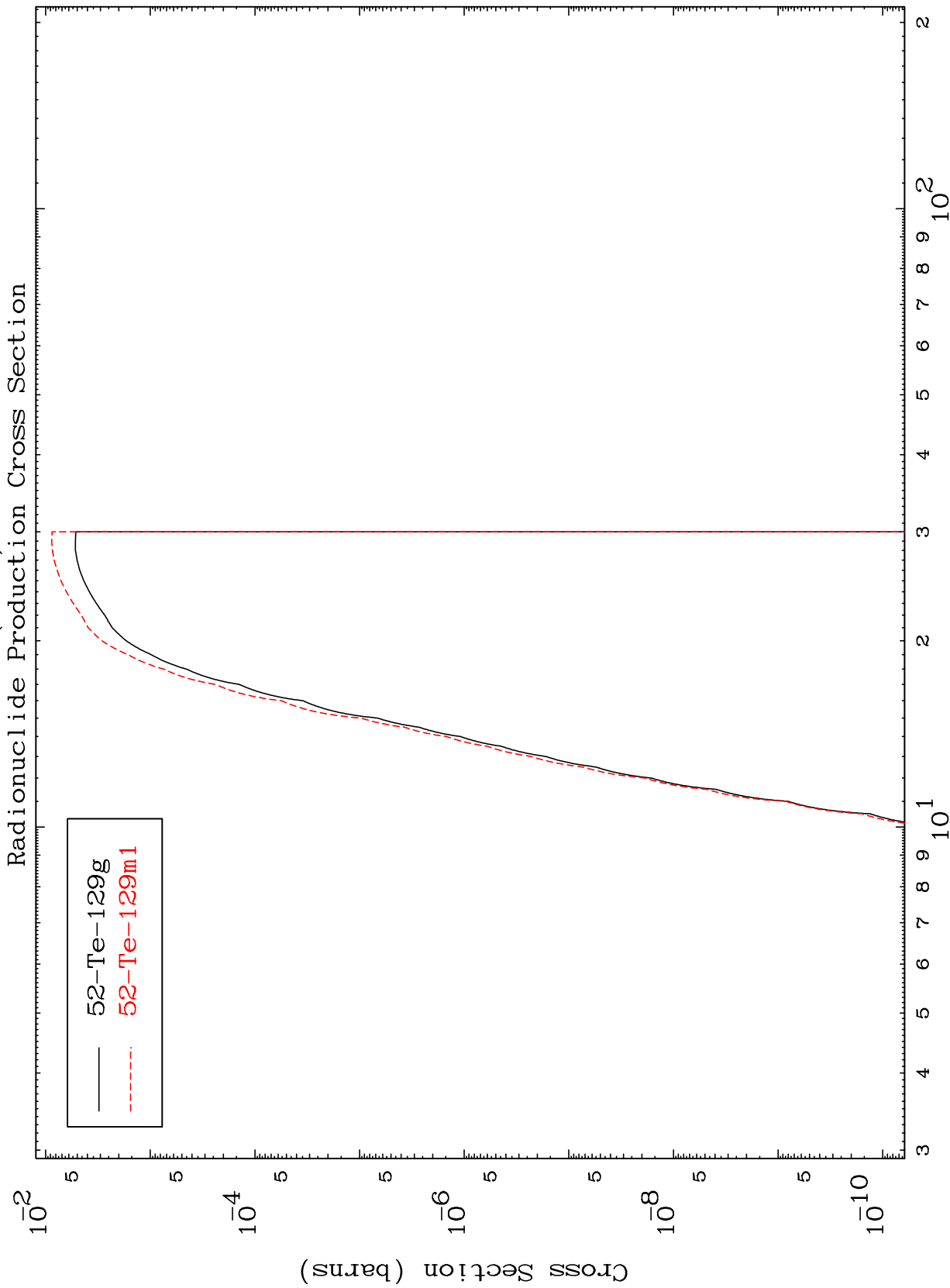
Incident Energy (MeV)

54-Xe-133

MAT 5452

54-Xe-133

(n,n') α



54-Xe-133

Incident Energy (MeV)

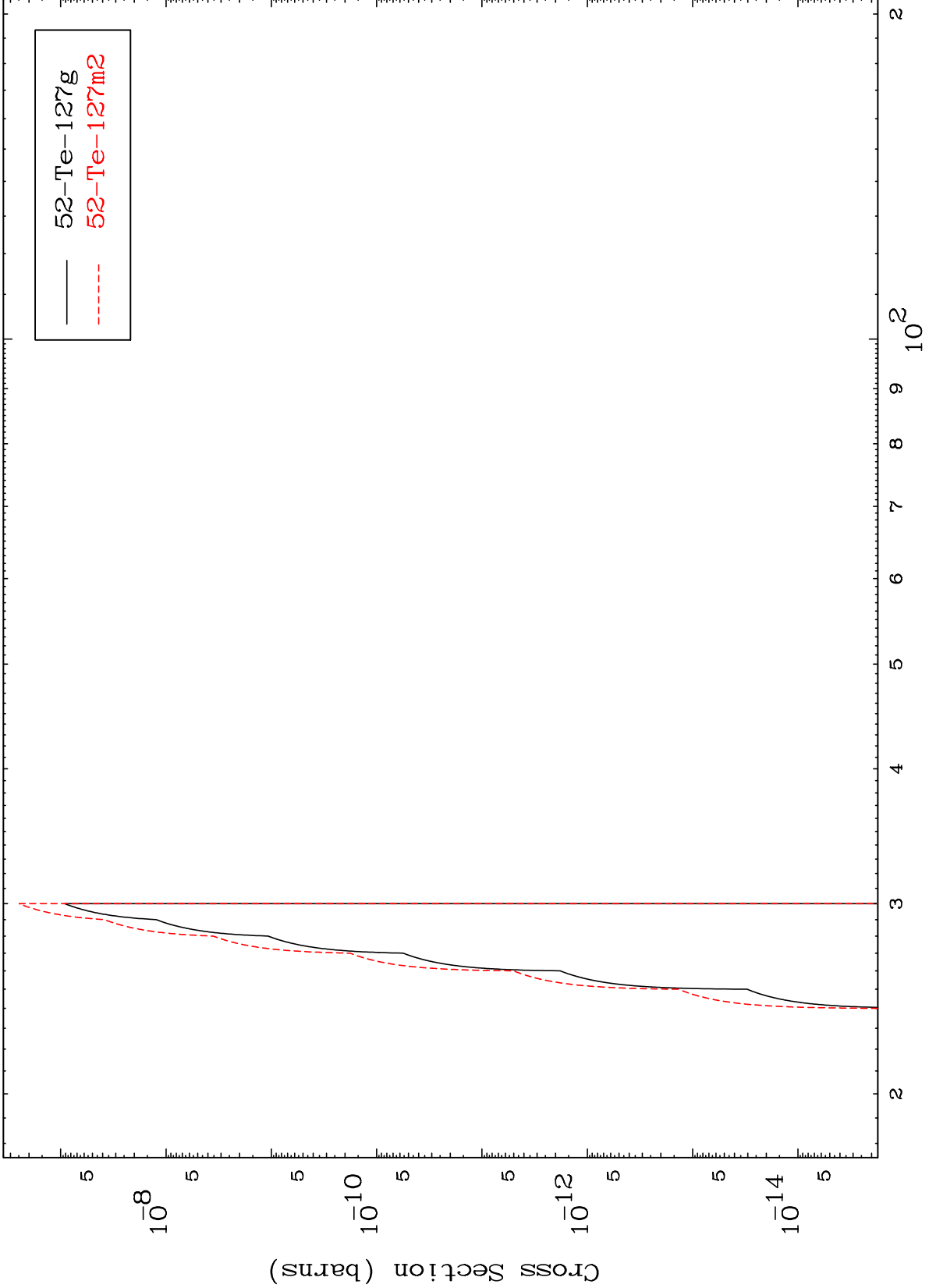
126

MAT 5452

(n,3n) α

54-Xe-133

Radionuclide Production Cross Section



52-Te-127g
52-Te-127m2

127

Incident Energy (MeV)

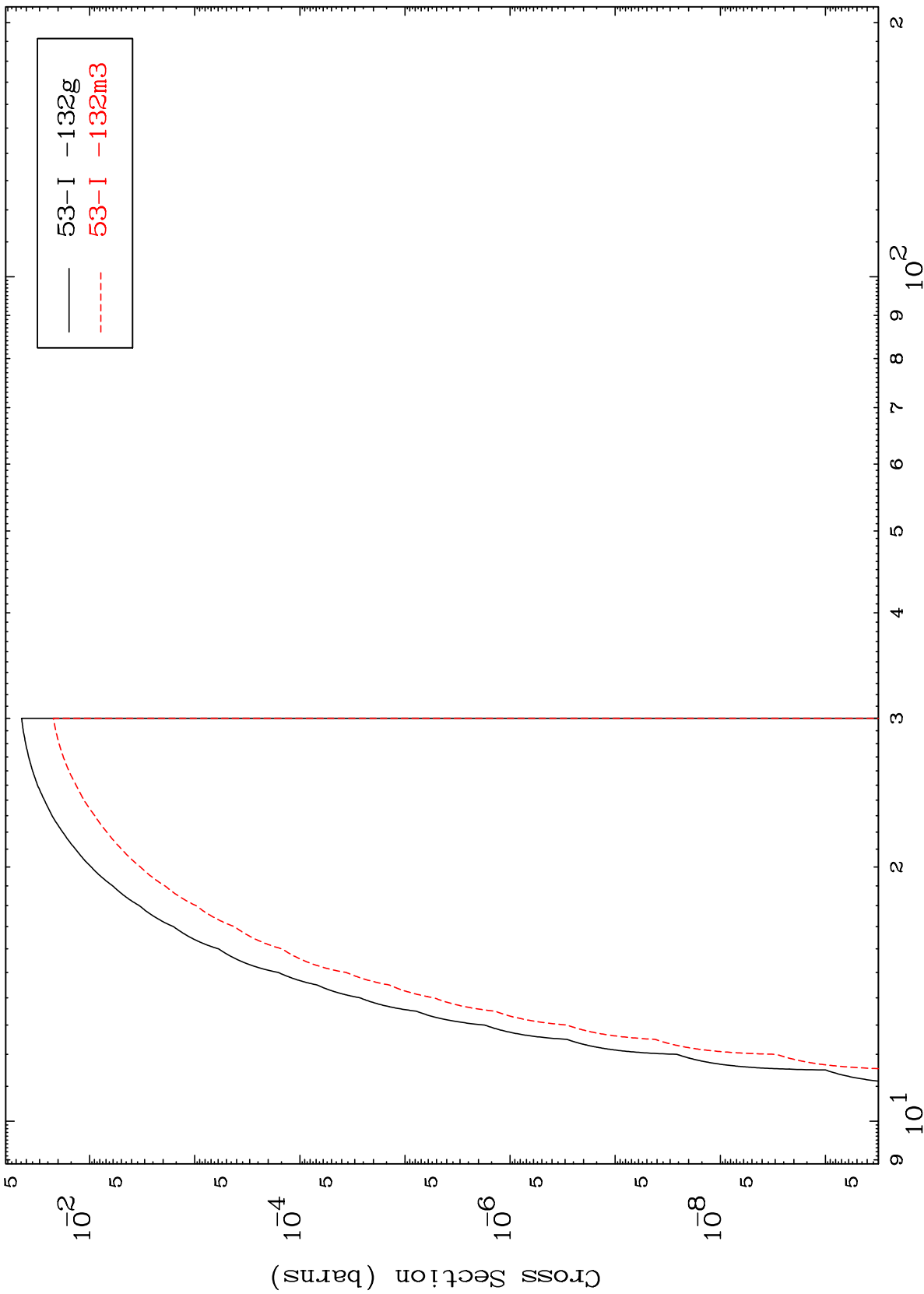
54-Xe-133

MAT 5452

(n,n') p

54-Xe-133

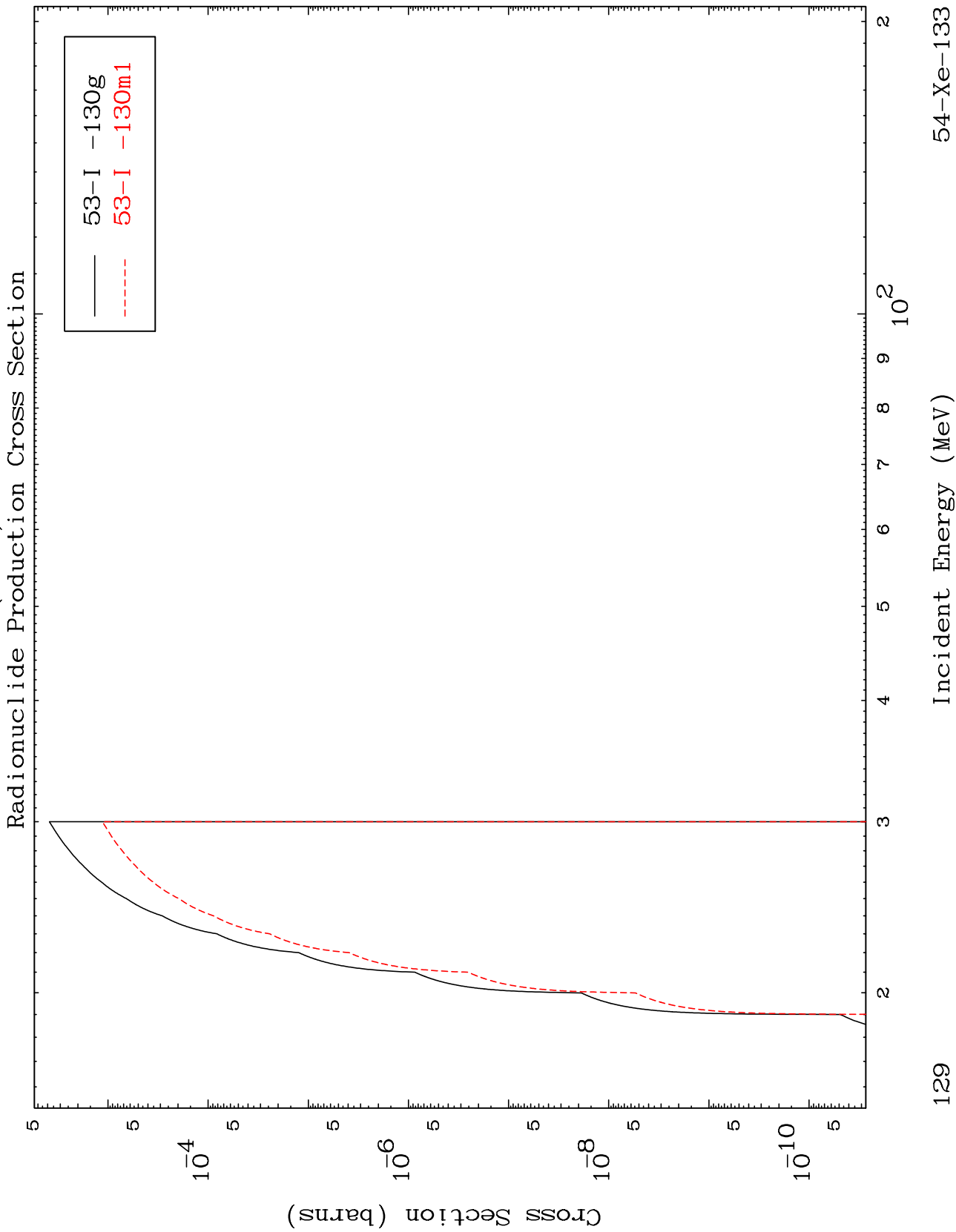
Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-133

128

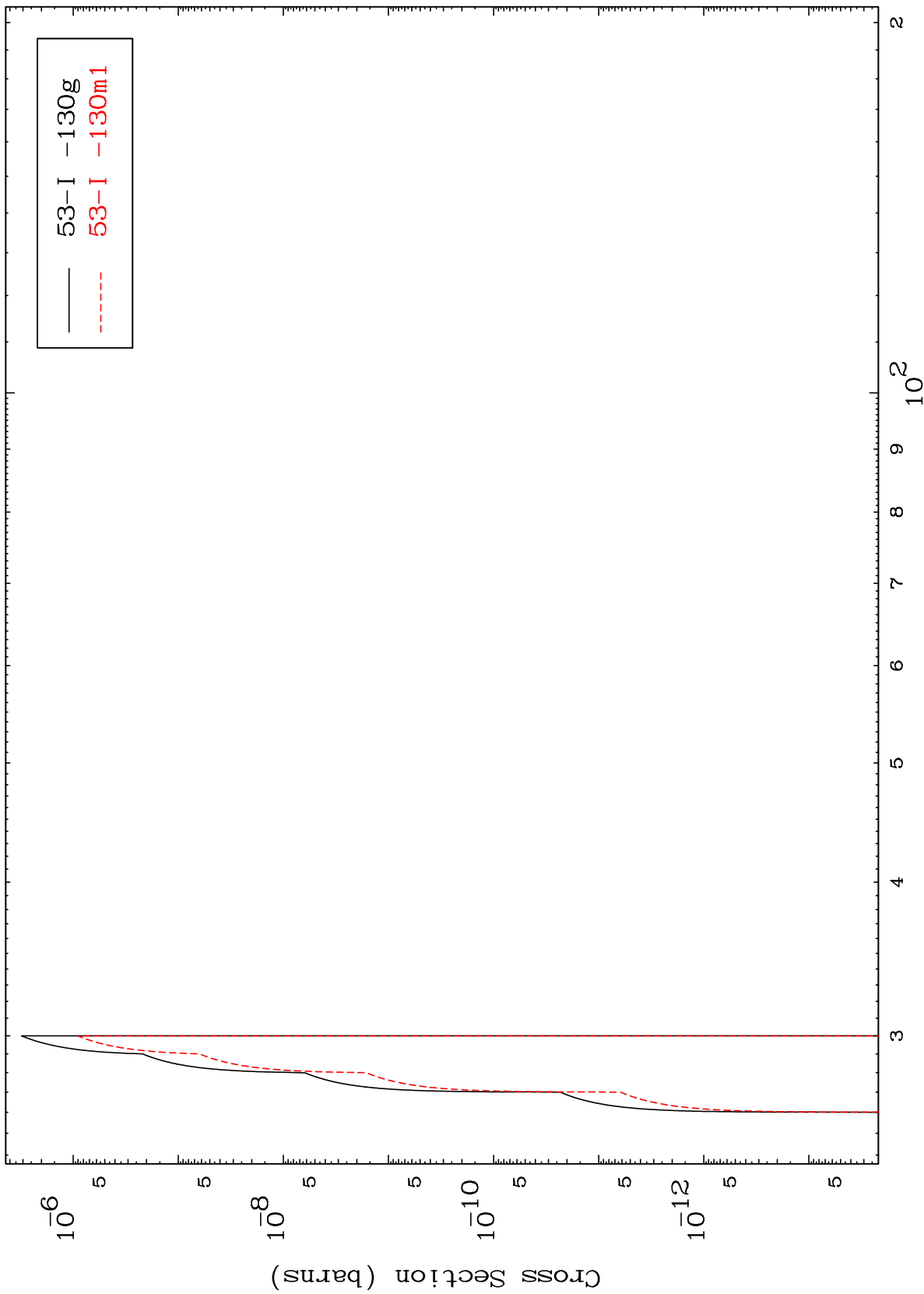


MAT 5452

(n,3n) p

54-Xe-133

Radionuclide Production Cross Section



130

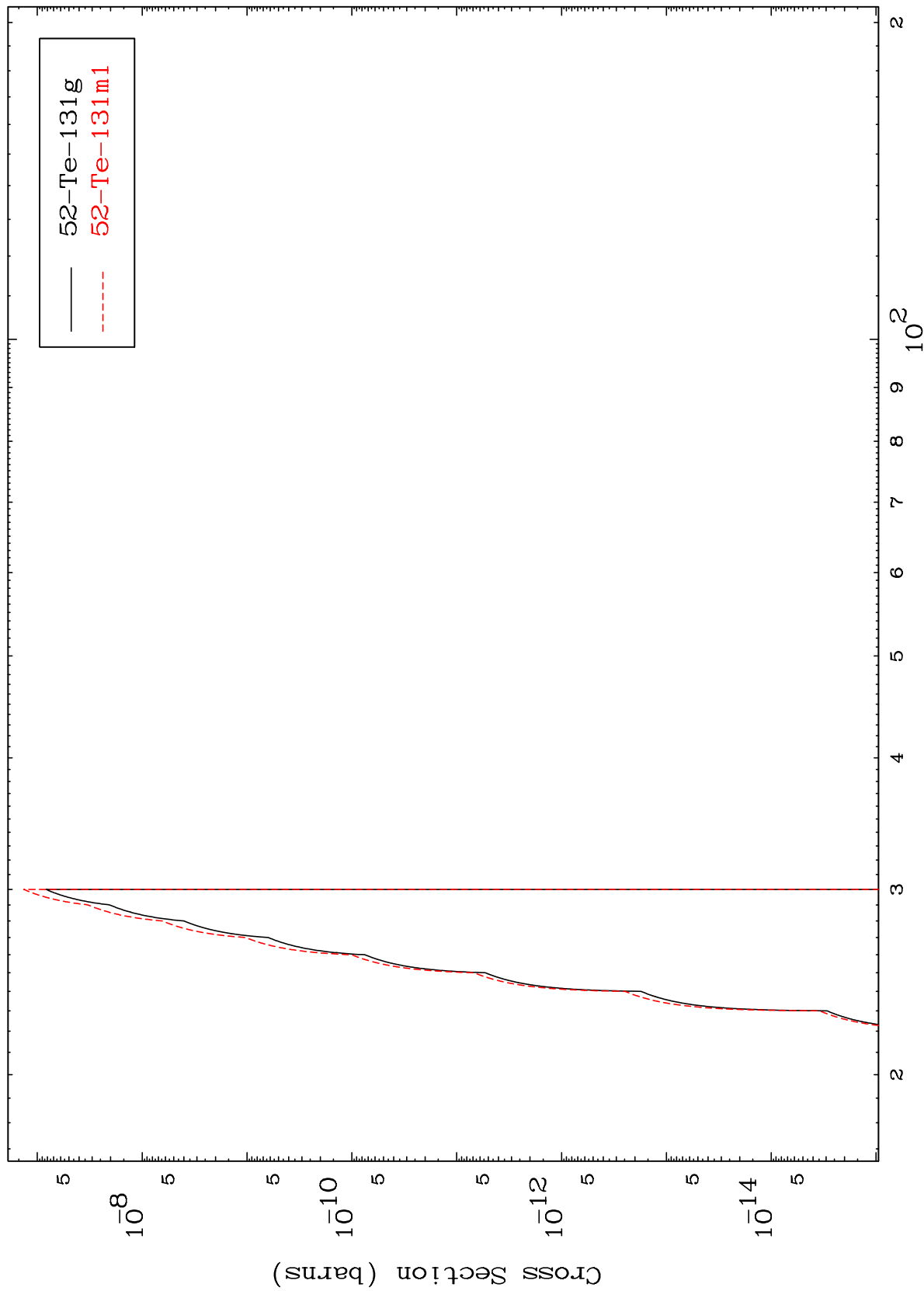
Incident Energy (MeV)

54-Xe-133

MAT 5452

54-Xe-133

(n,2n) p
Radionuclide Production Cross Section

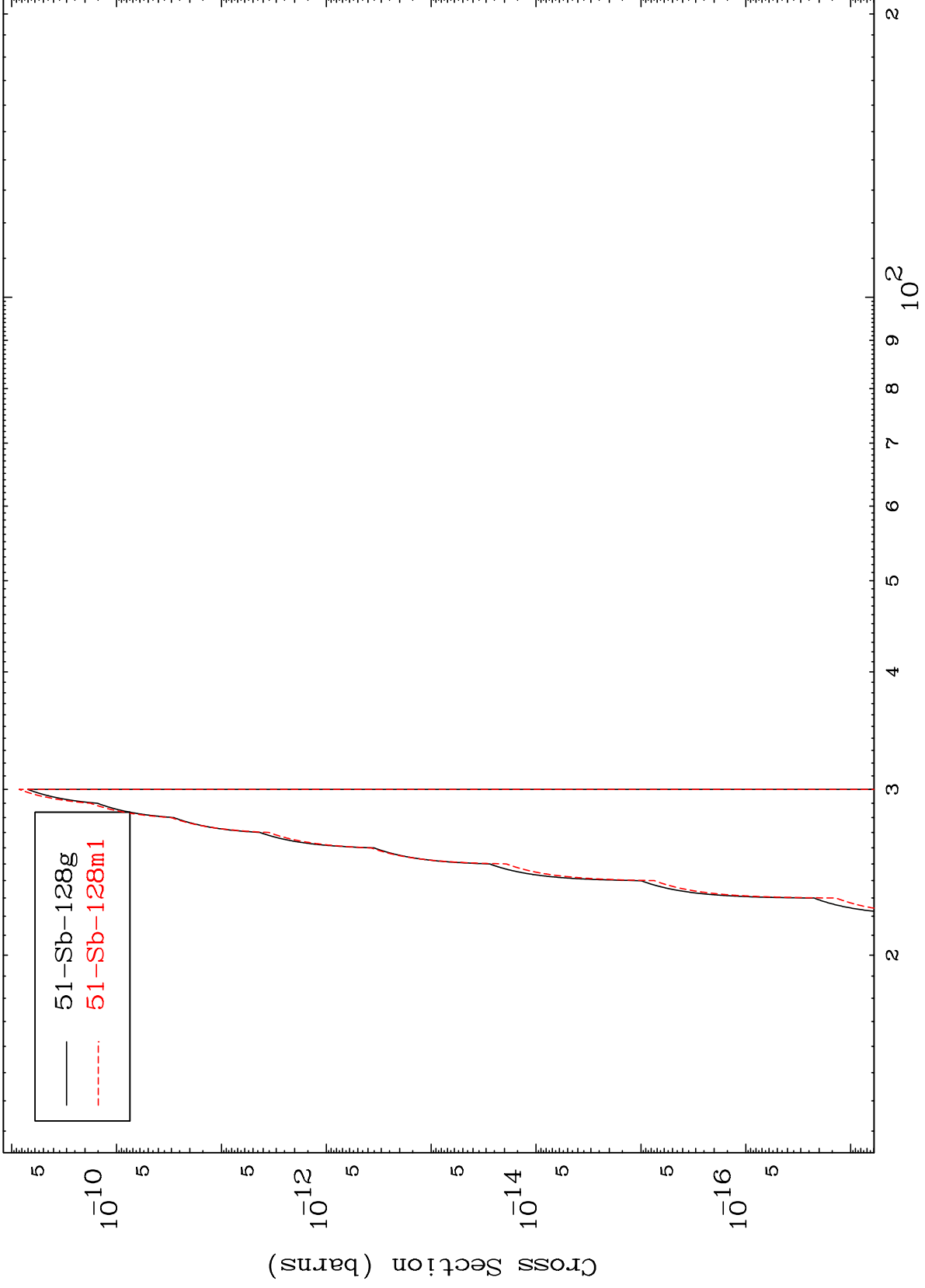


131

54-Xe-133

Incident Energy (MeV)

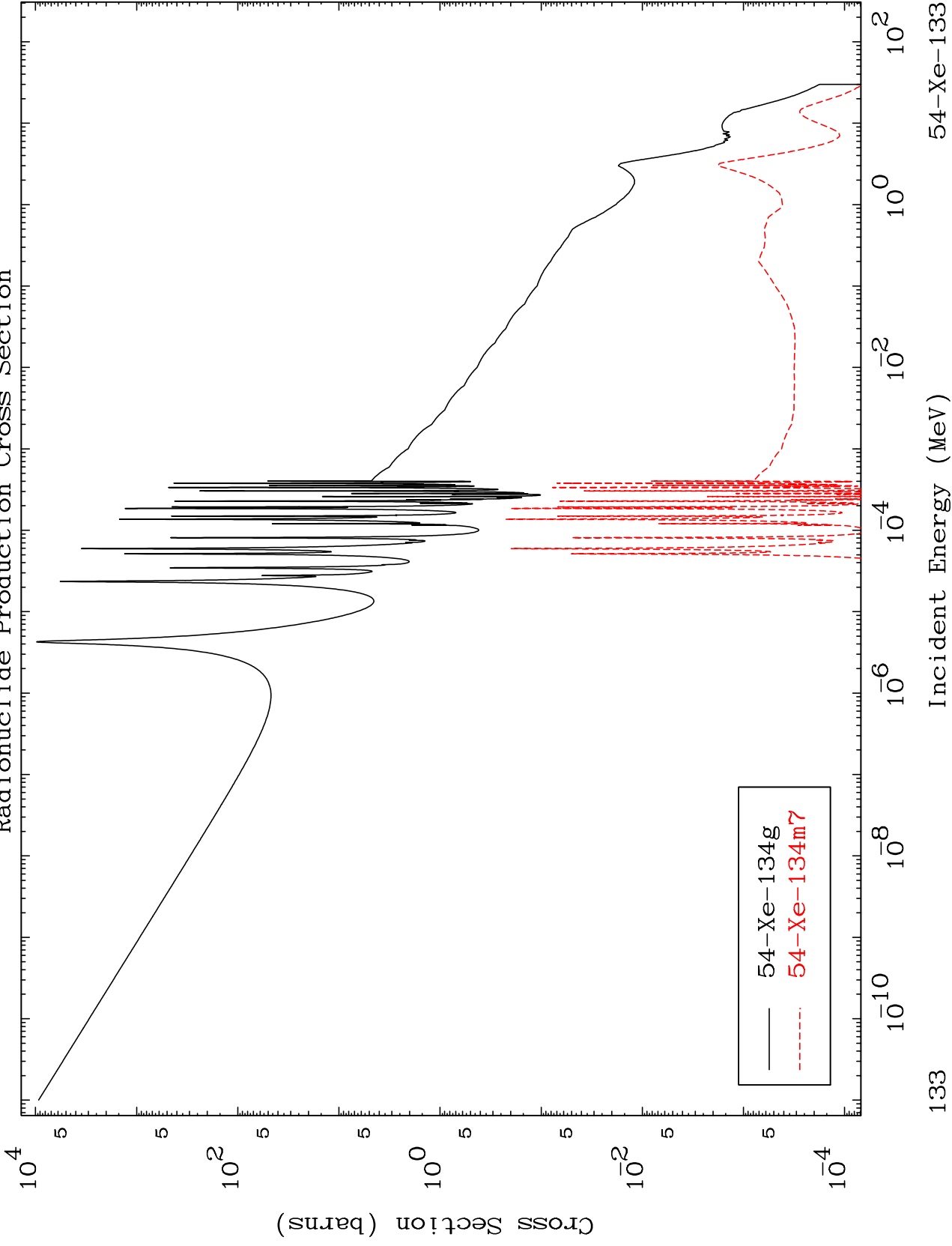
Radionuclide Production Cross Section



MAT 5452

54-Xe-133

(n, γ)
Radionuclide Production Cross Section



54-Xe-133

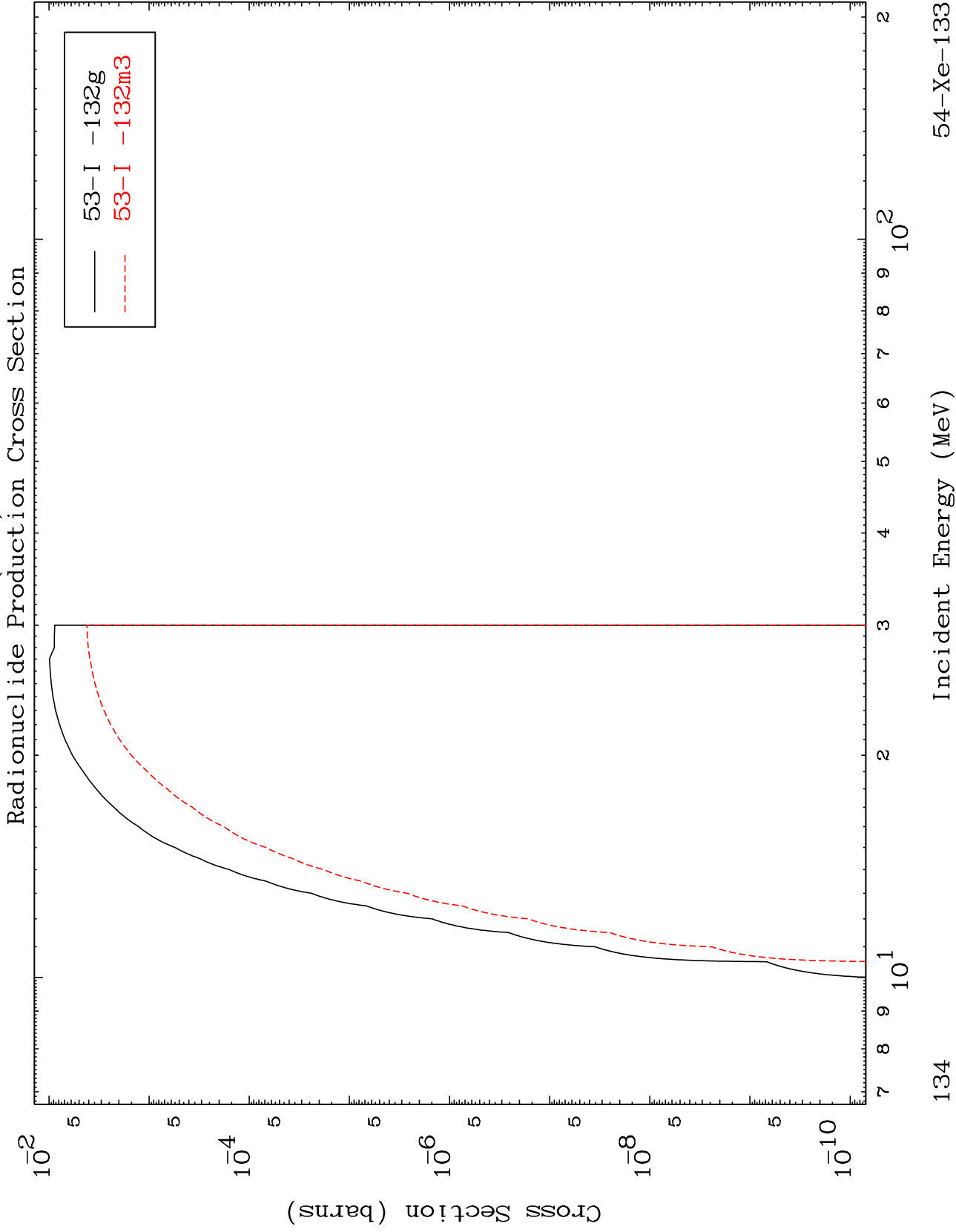
Incident Energy (MeV)

133

MAT 5452

(n,d)

54-Xe-133



134

Incident Energy (MeV)

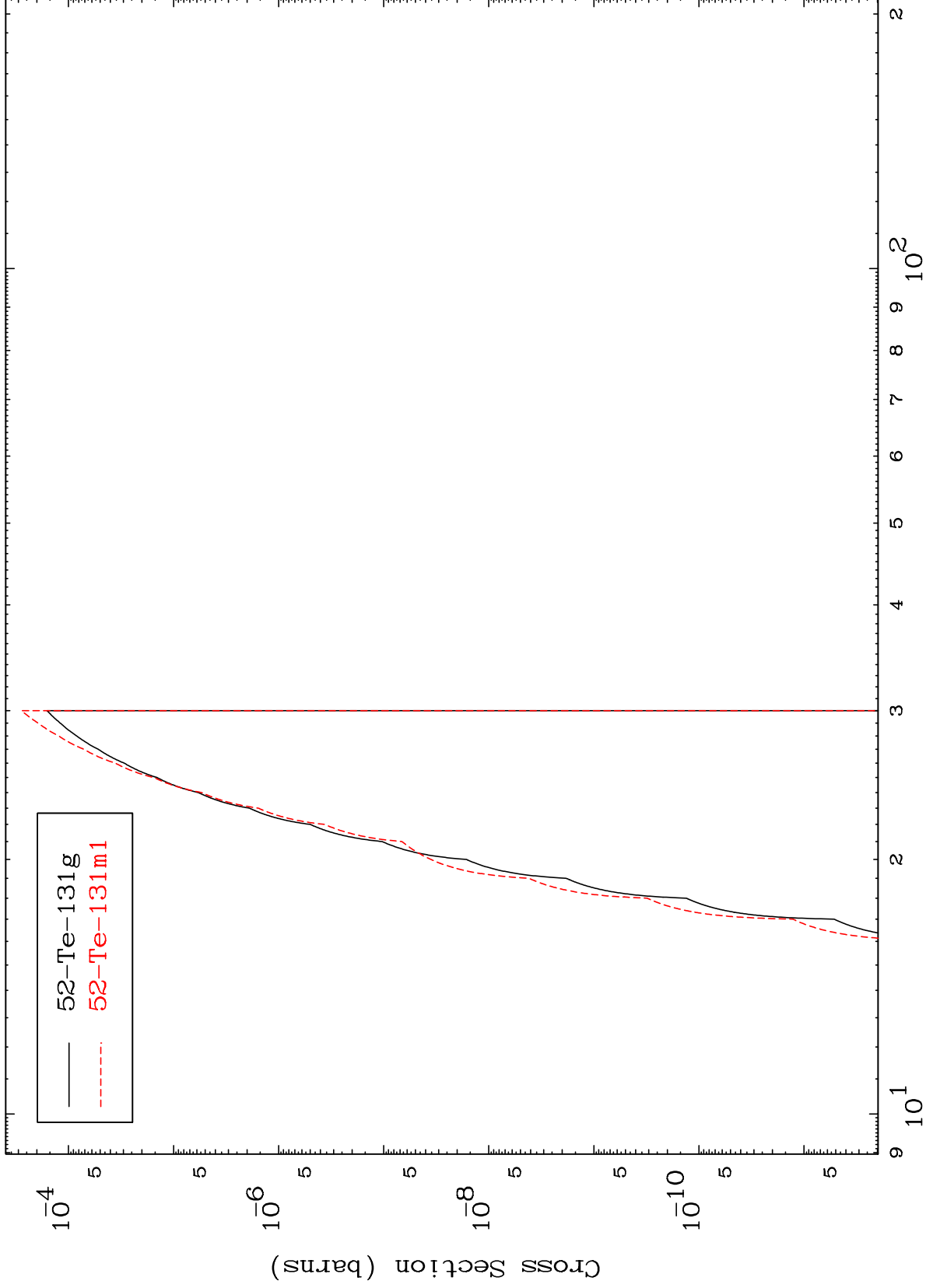
54-Xe-133

MAT 5452

(n,He-3)

54-Xe-133

Radionuclide Production Cross Section



135

Incident Energy (MeV)

54-Xe-133

