

Program EVALPLOT
(Version 2021-1)

by

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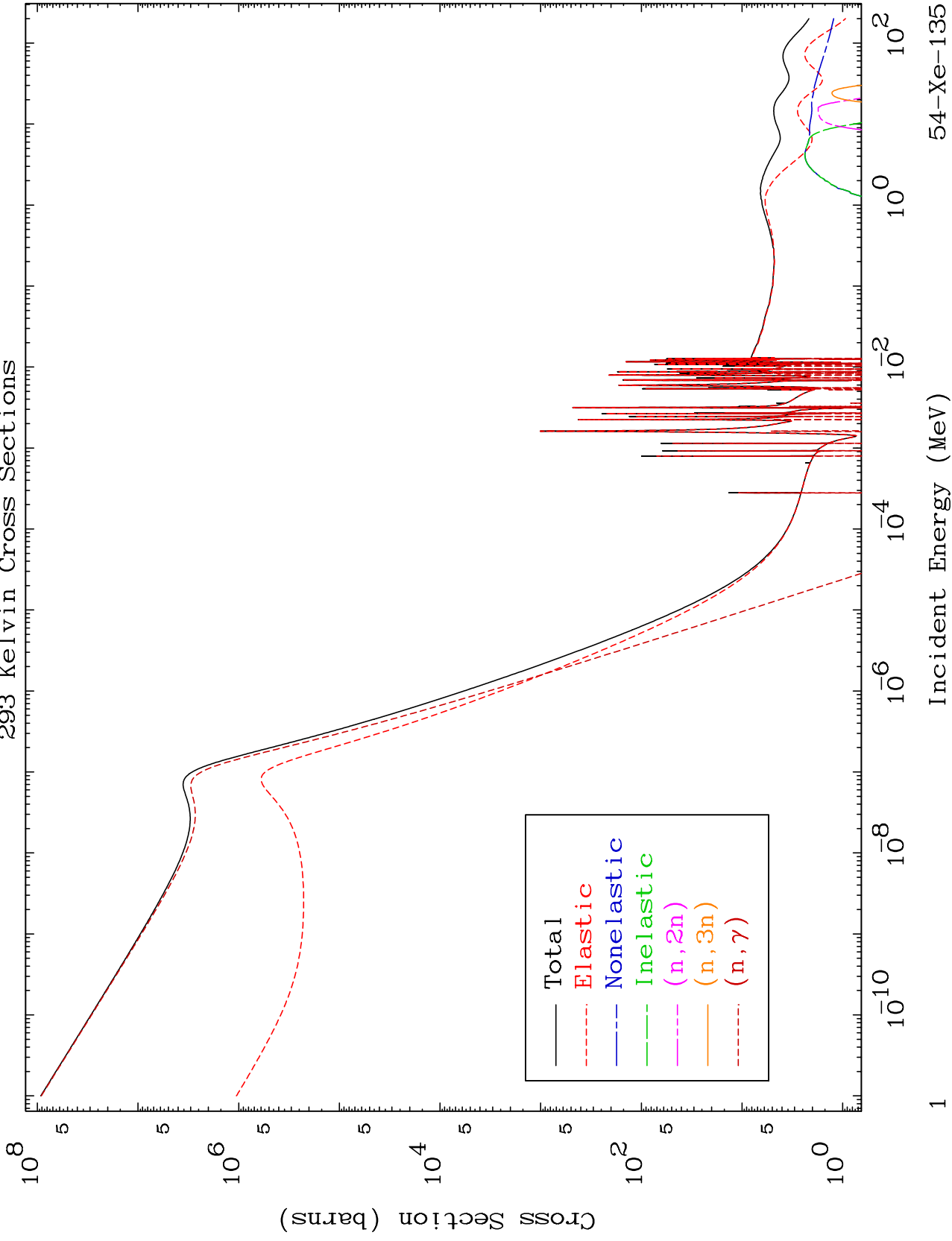
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Press Mouse Button to Start

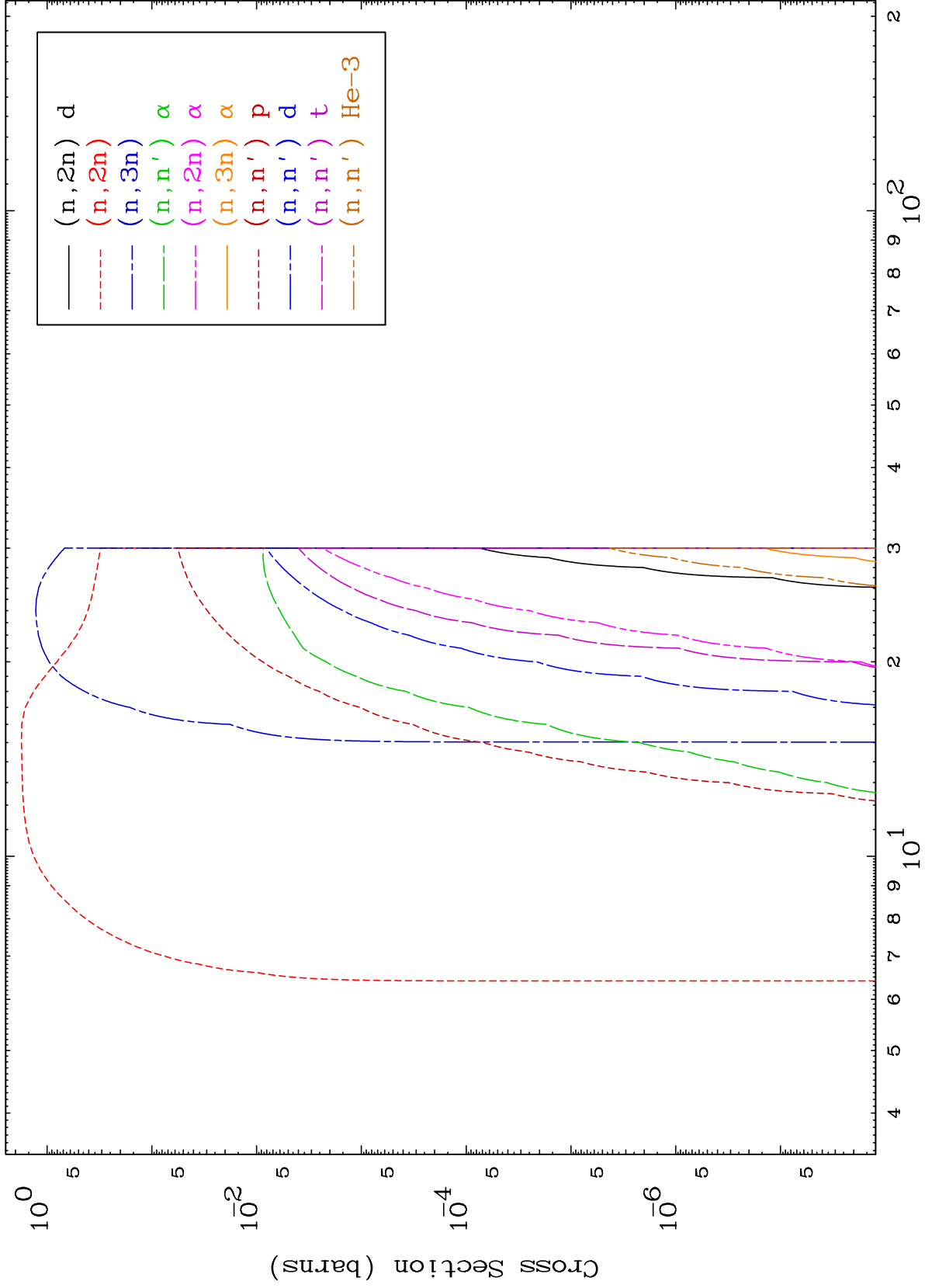
MAT 5458

Neutron Major
293 Kelvin Cross Sections

54-Xe-135



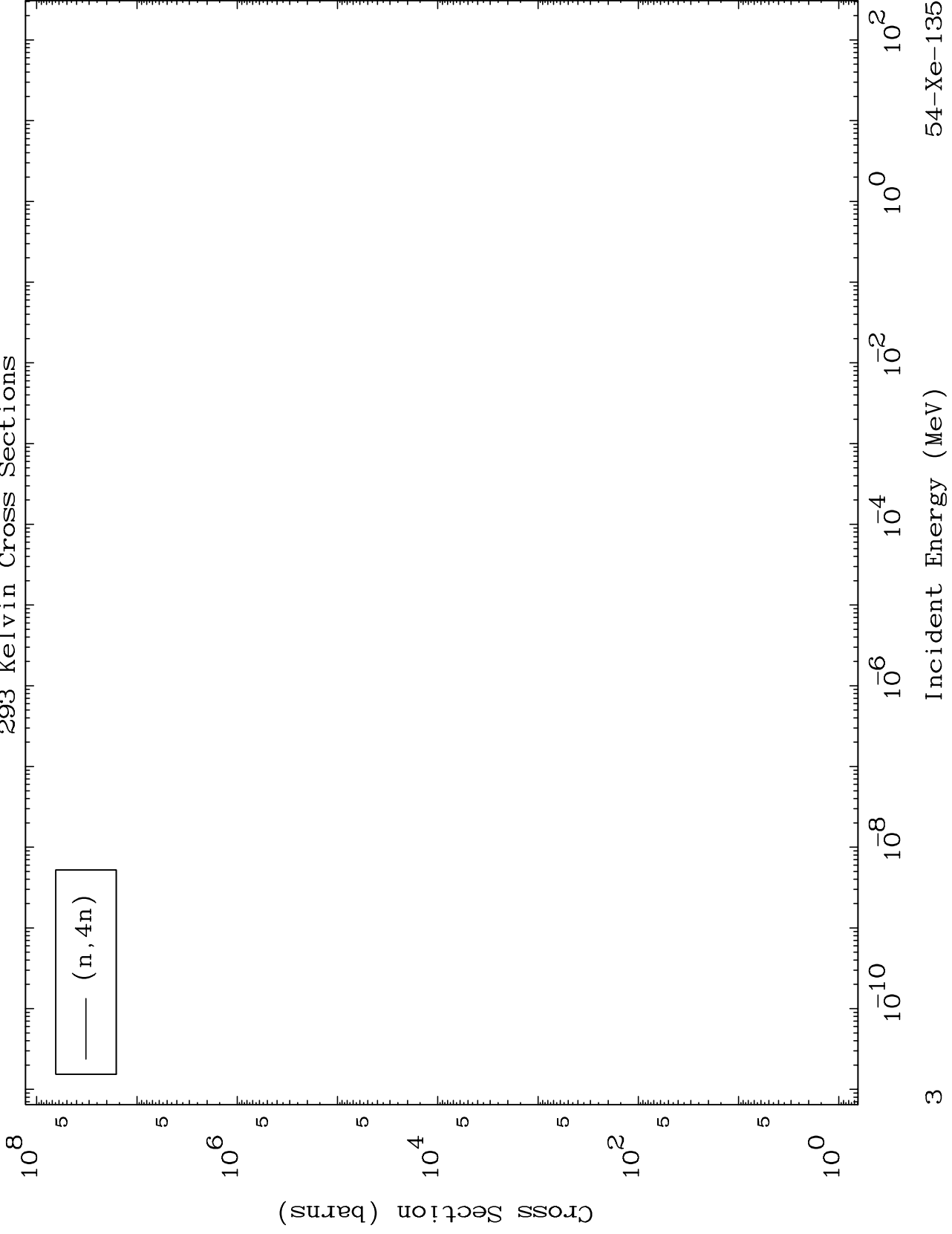
Neutron Absorption
293 Kelvin Cross Sections



MAT 5458

Neutron Absorption
293 Kelvin Cross Sections

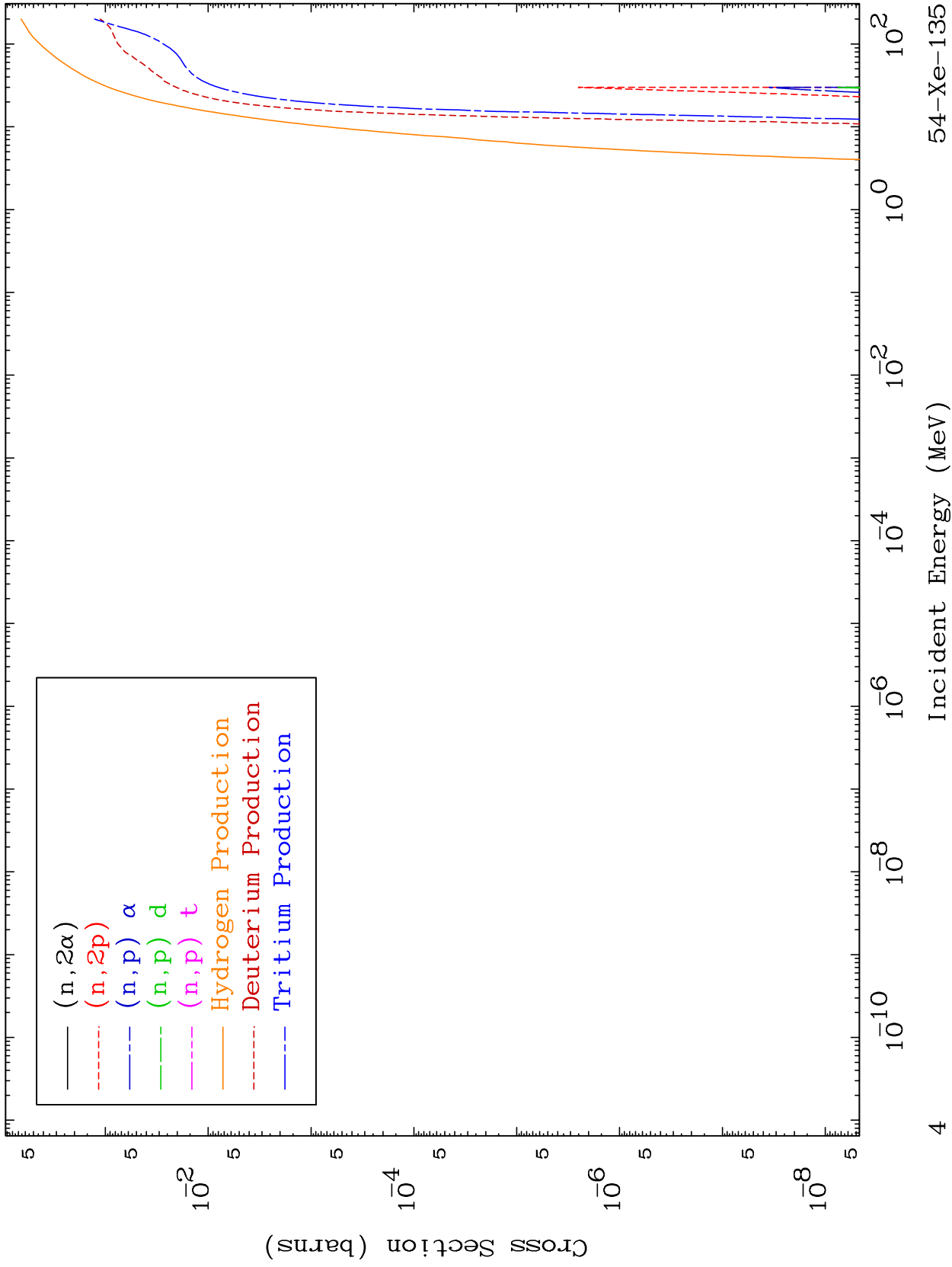
54-Xe-135

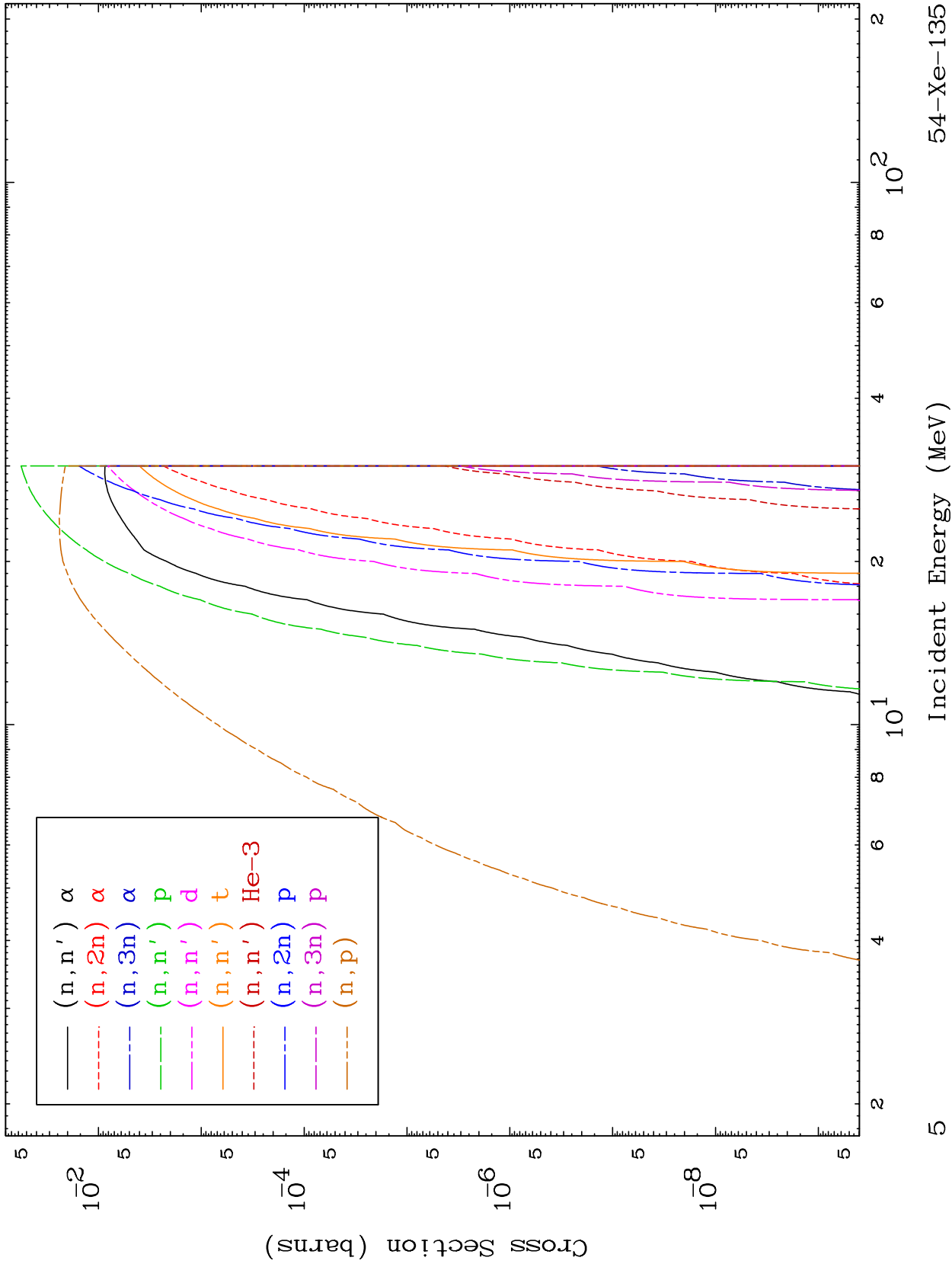


MAT 5458

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-135

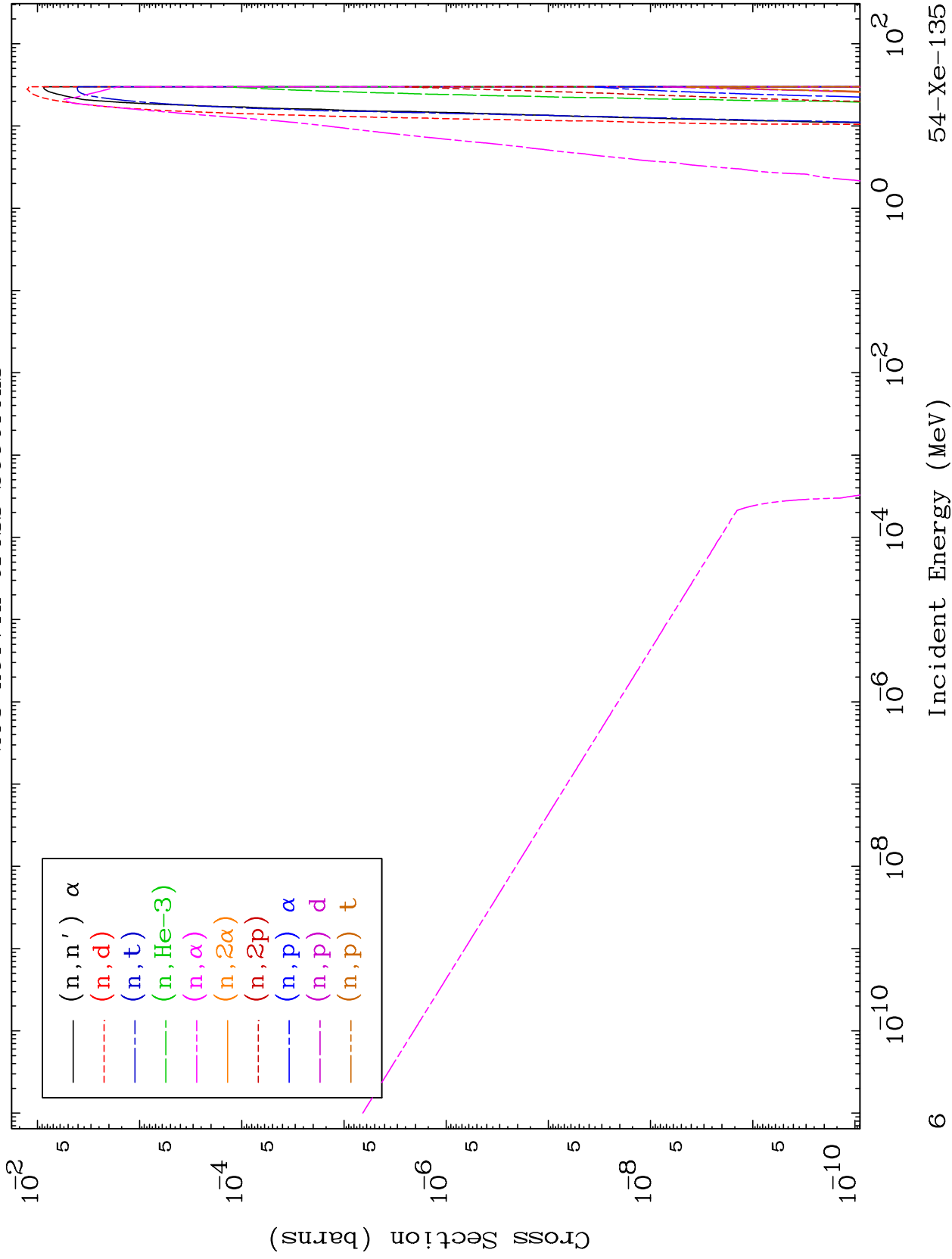




MAT 5458

Charged Particle
293 Kelvin Cross Sections

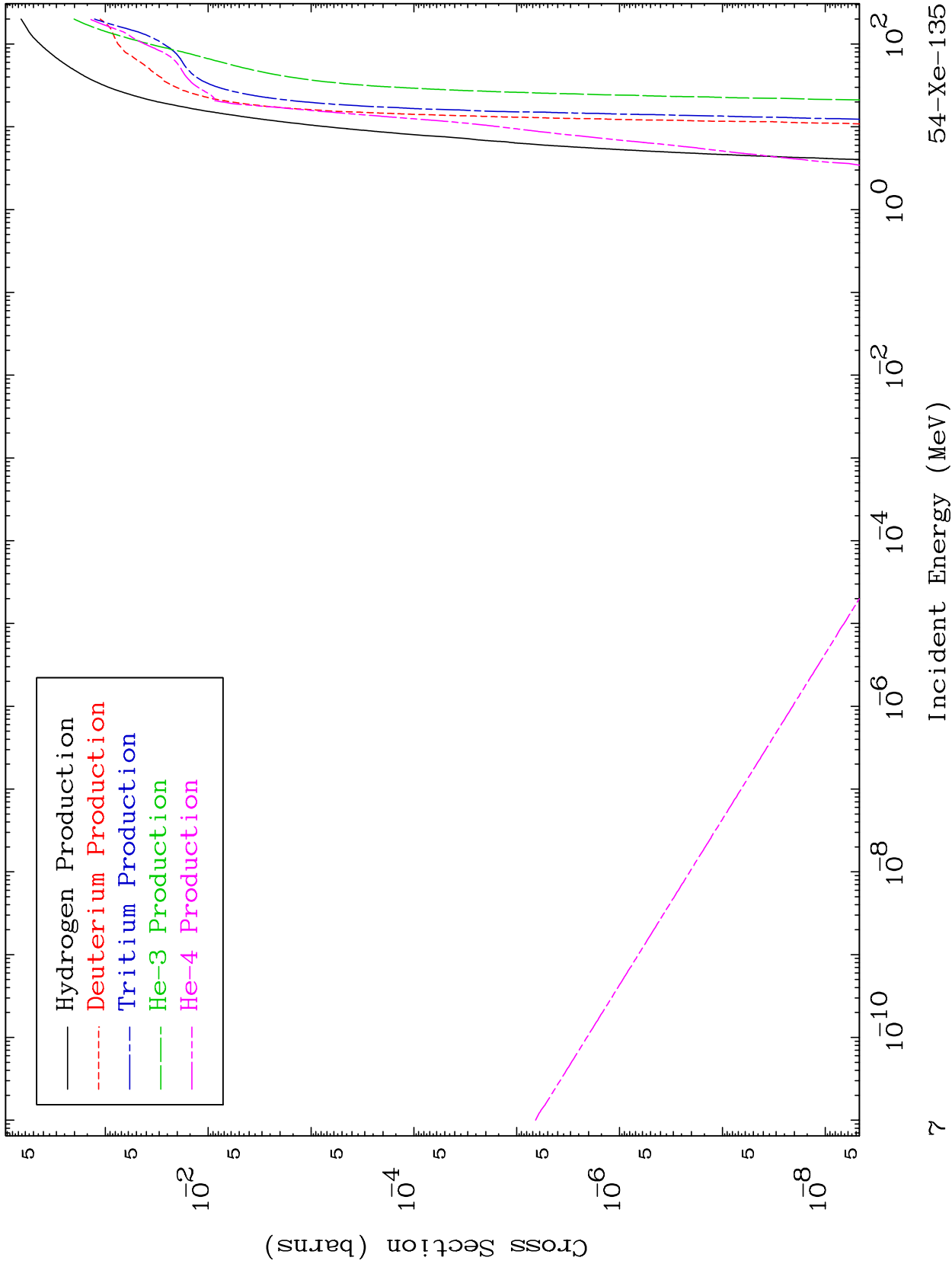
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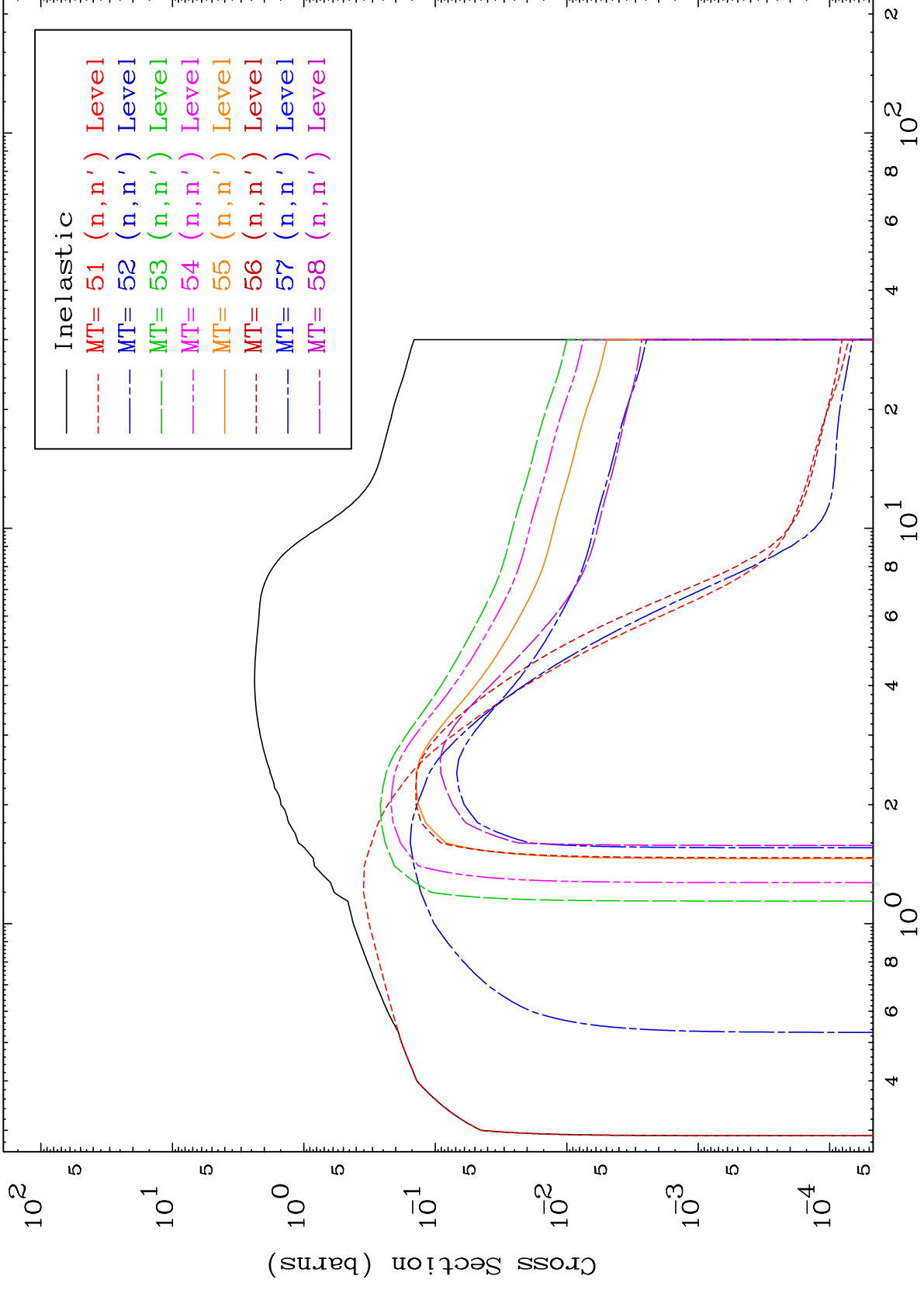


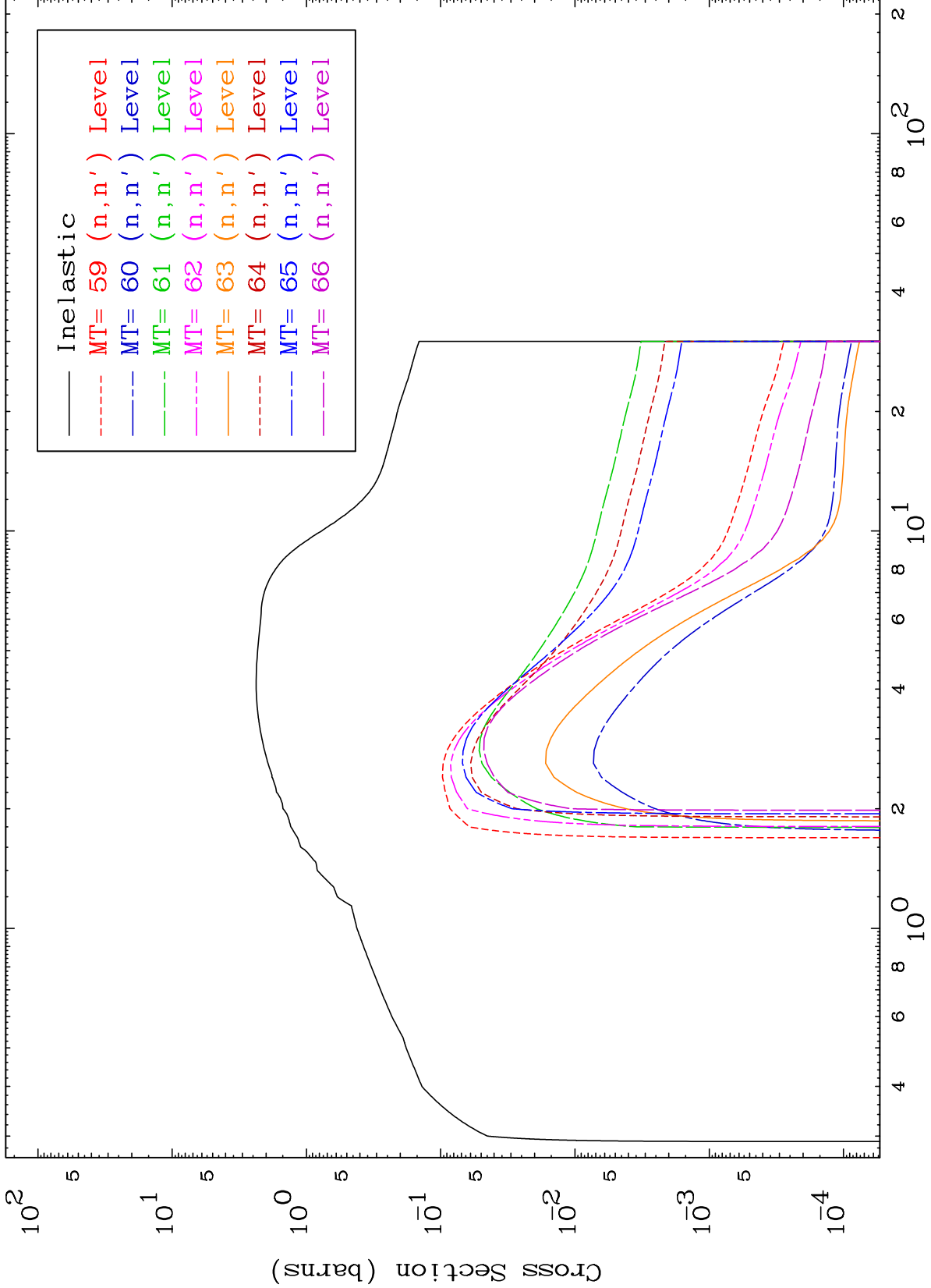
MAT 5458

Particle Production
293 Kelvin Cross Sections

54-Xe-135





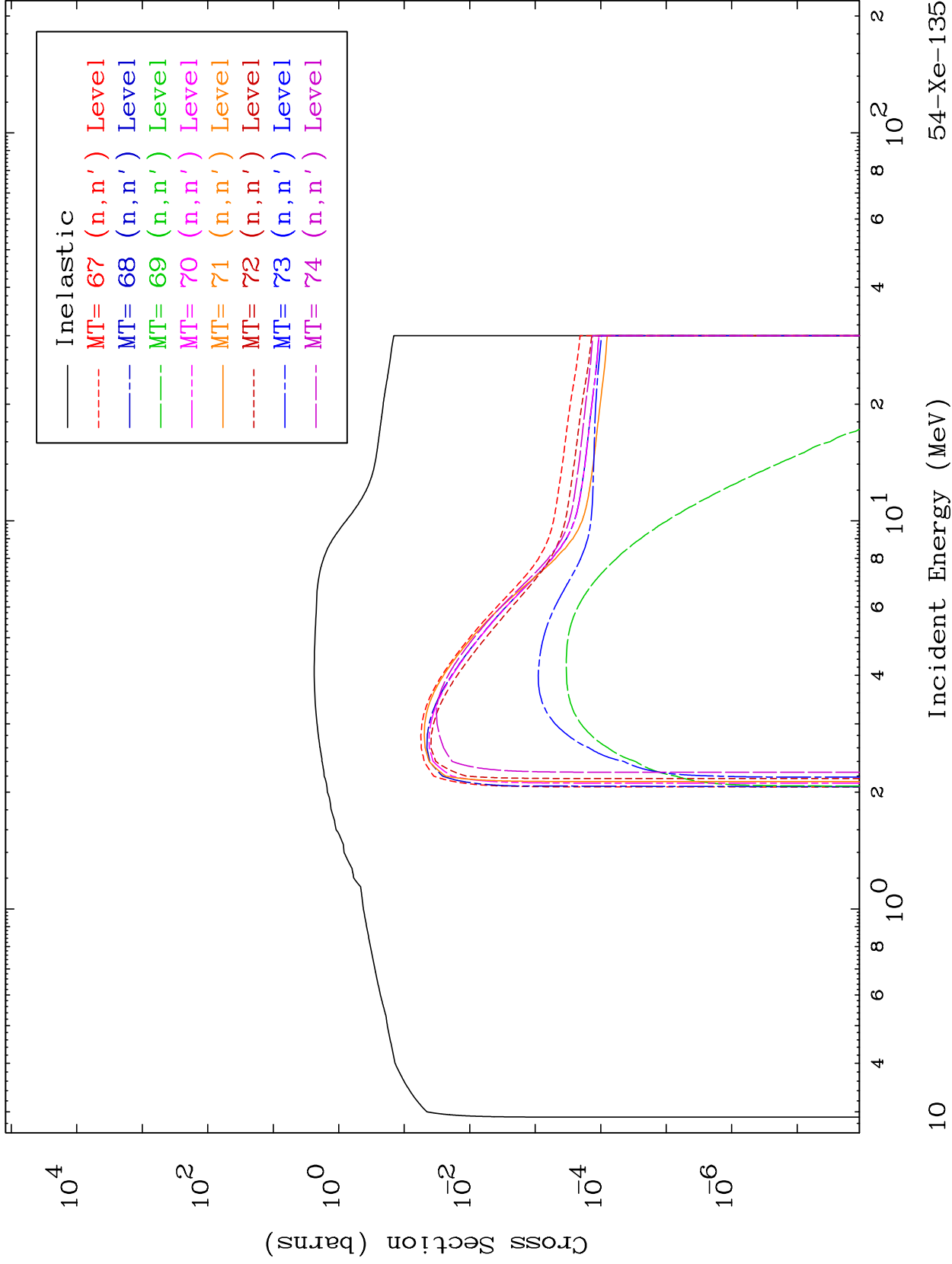


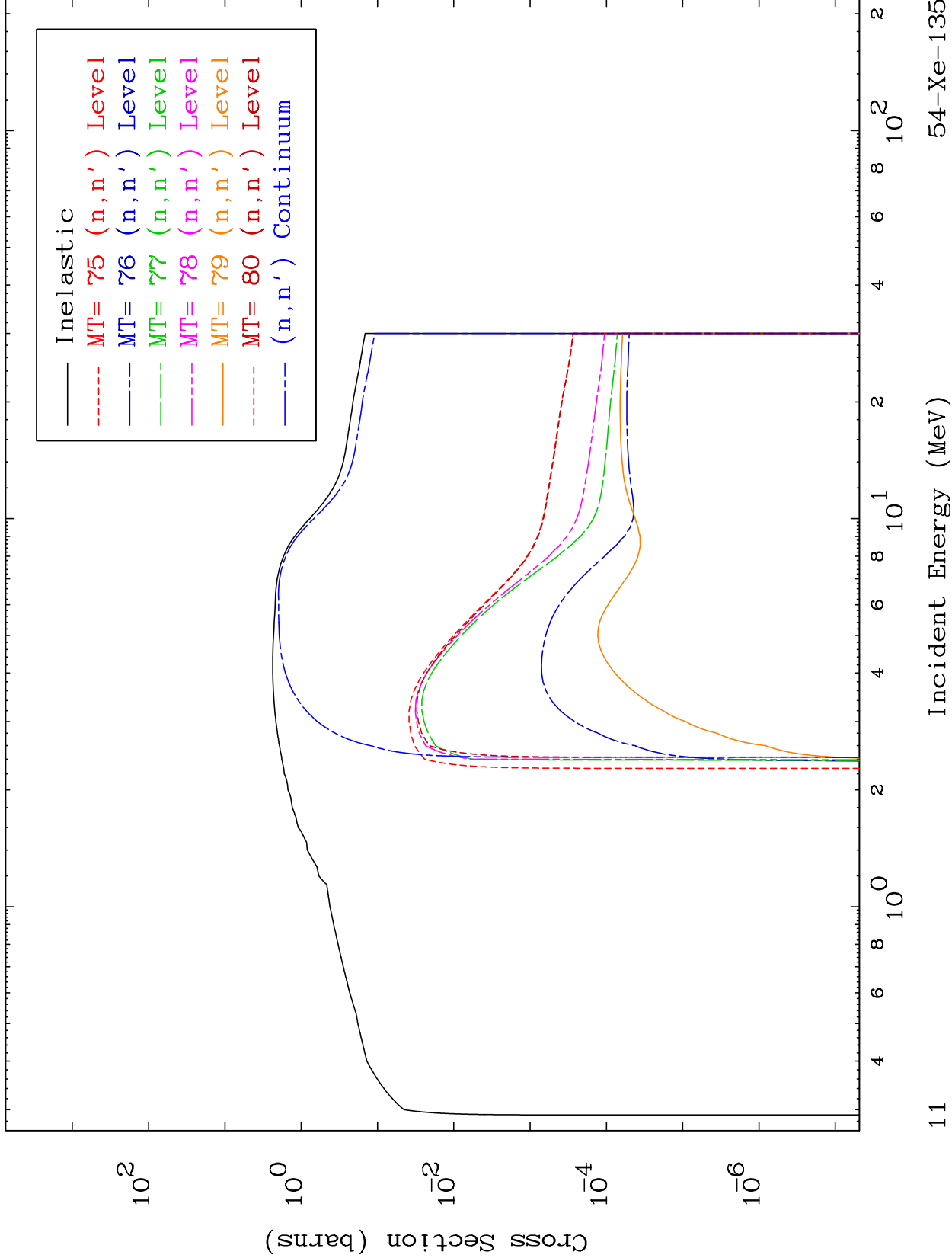
MAT 5458

(n,n') Levels

293 Kelvin Cross Sections

54-Xe-135

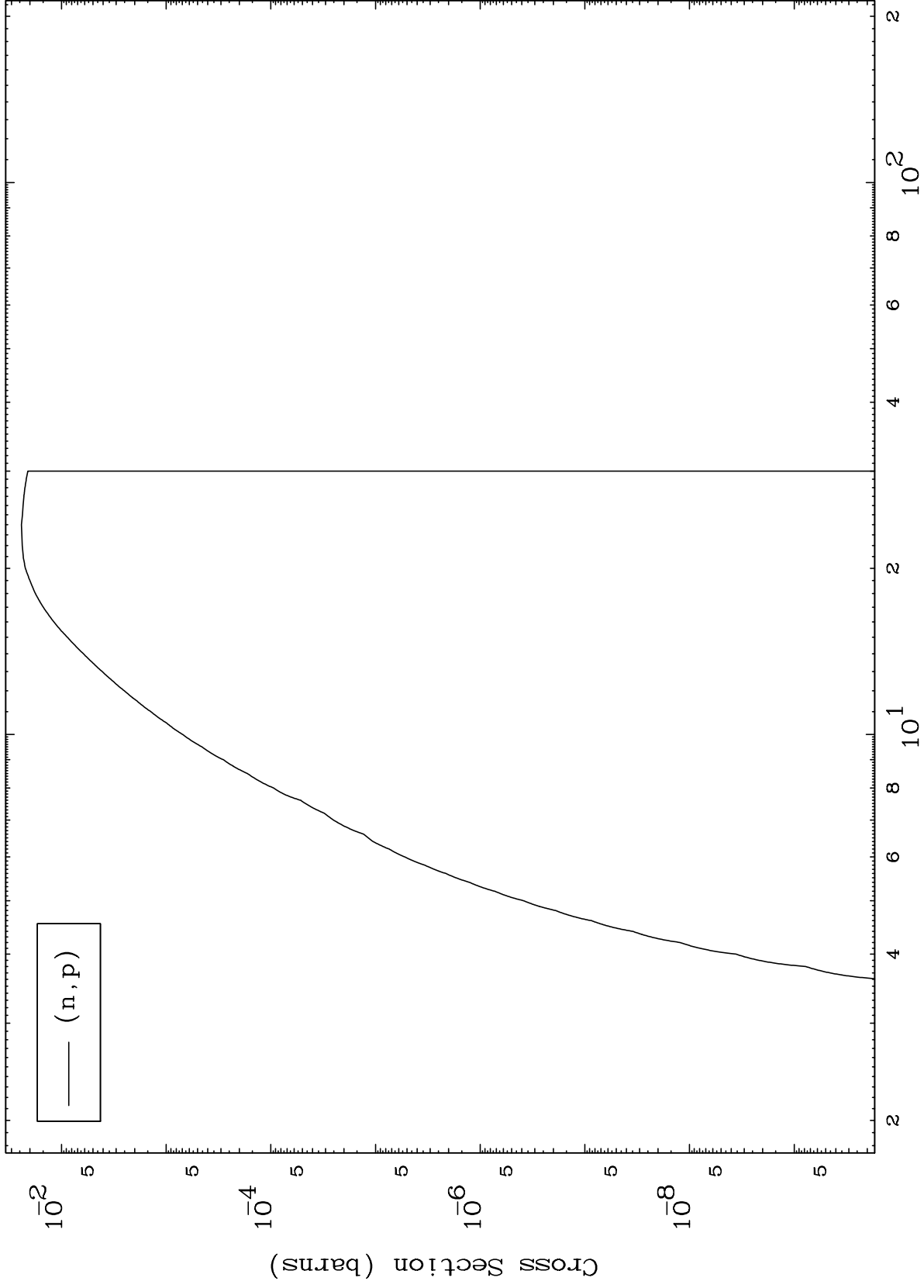




MAT 5458

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-135



12

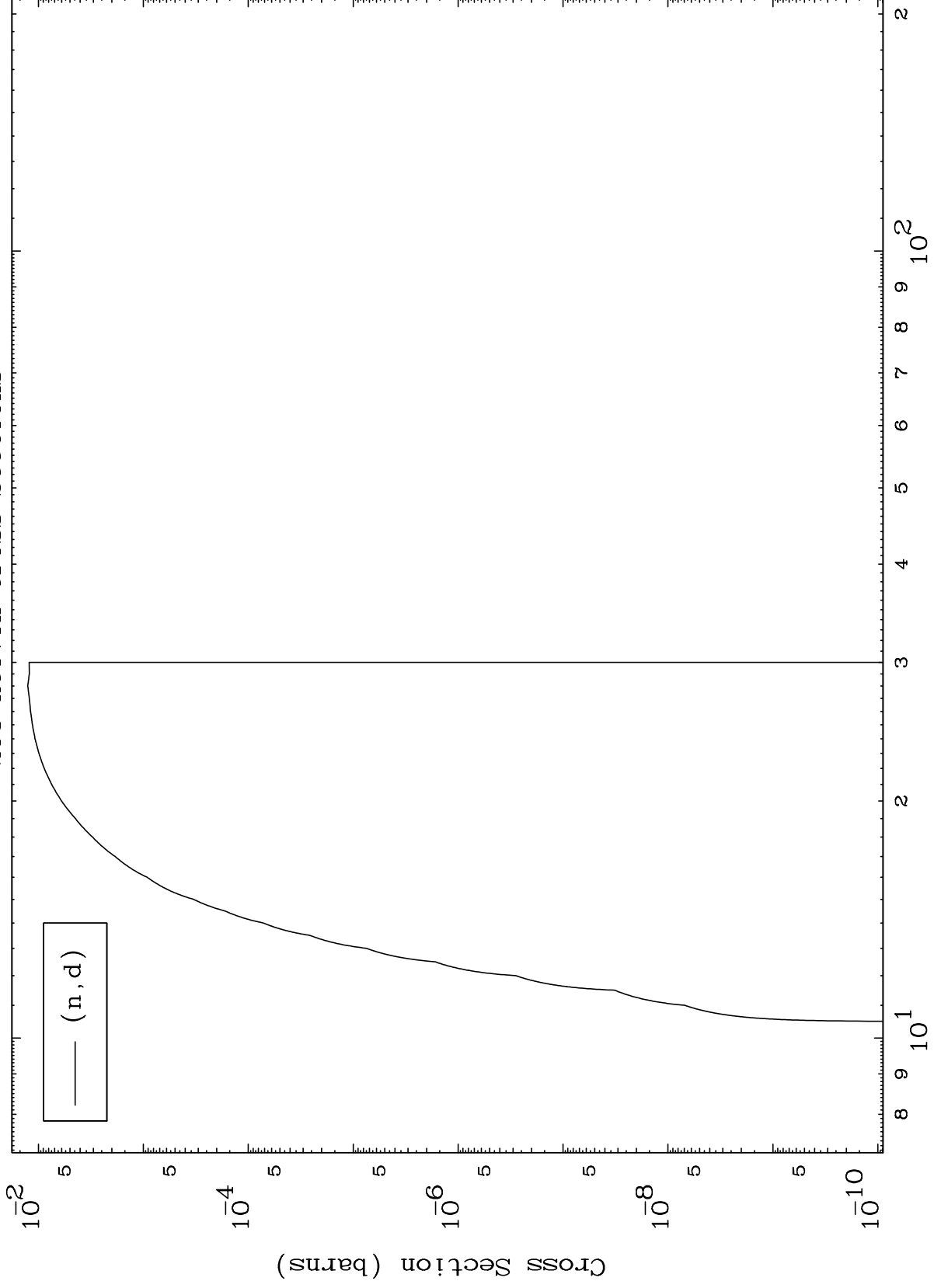
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-135



(n,d)

13

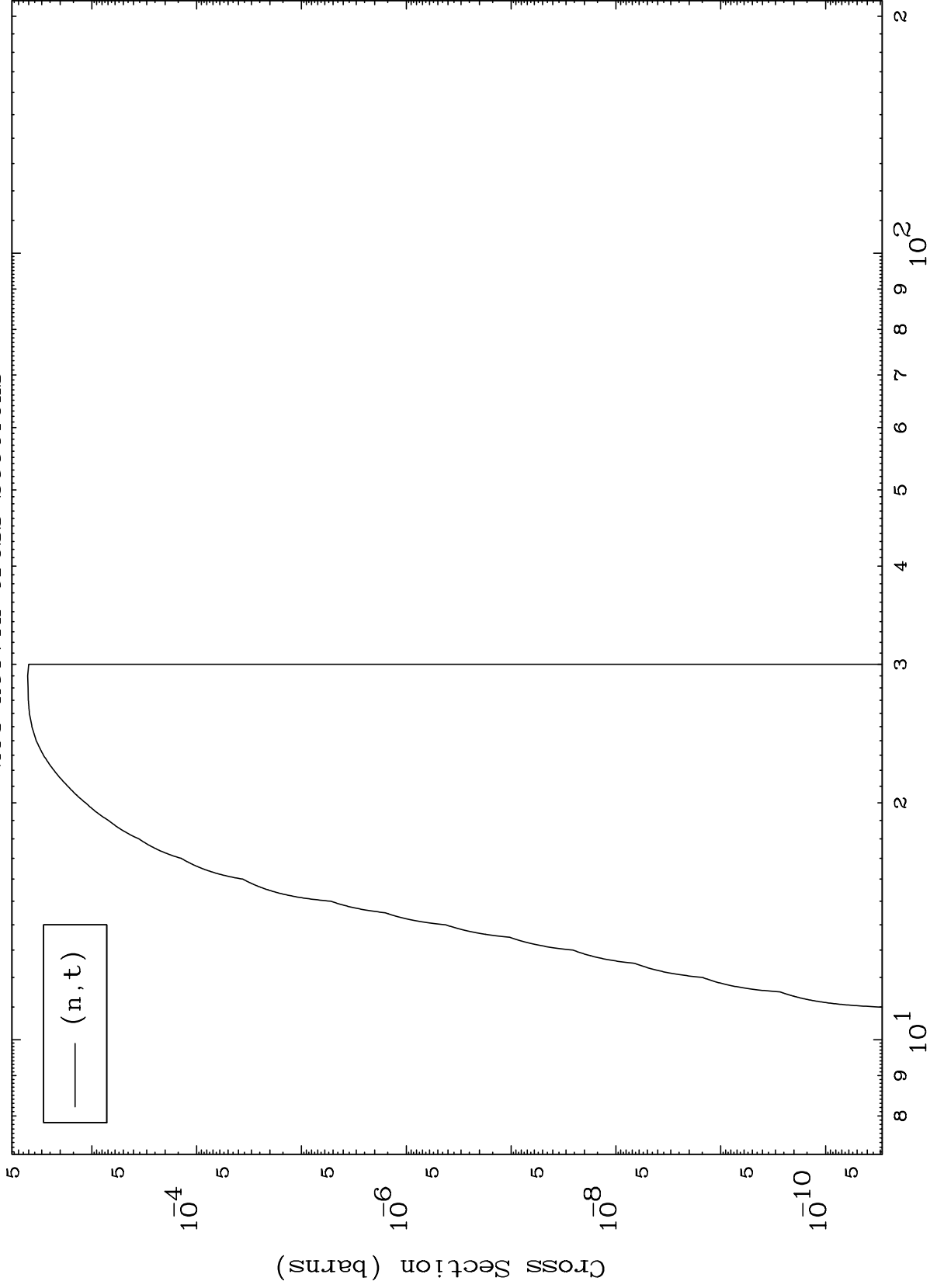
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-135



14

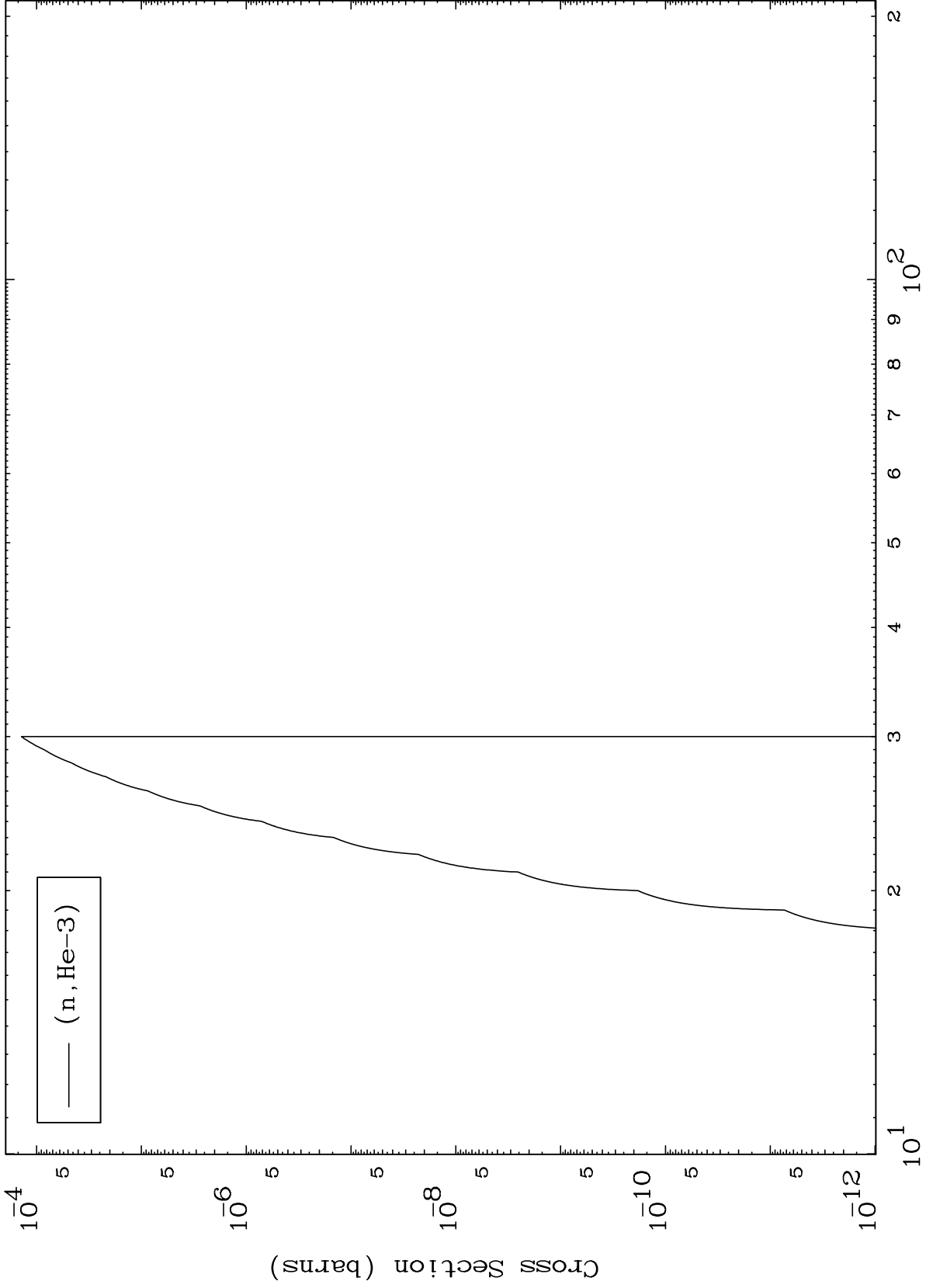
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-135



15

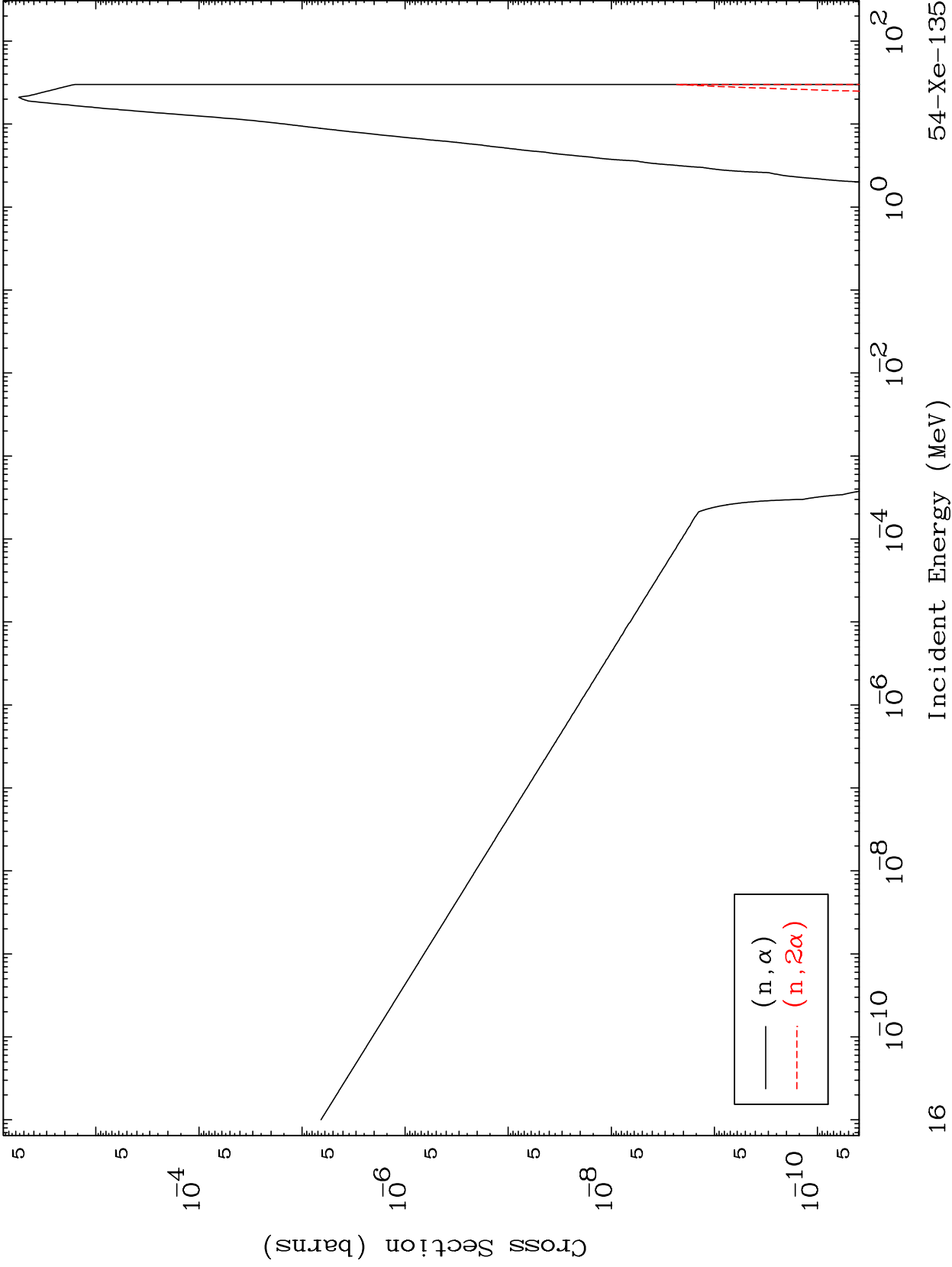
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n, α) Levels
293 Kelvin Cross Sections

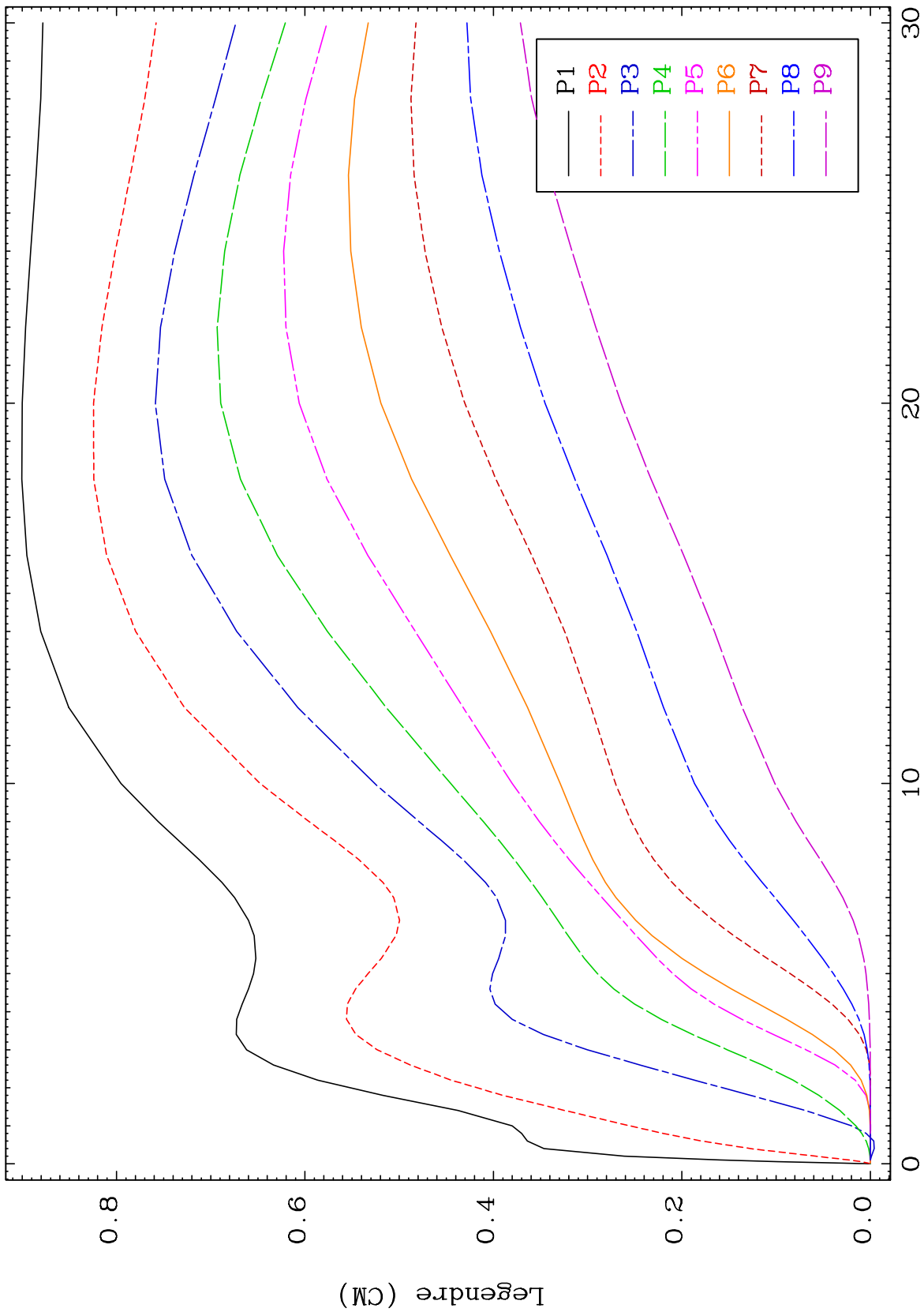
54-Xe-135



MAT 5458

Elastic Legendre Coefficients

54-Xe-135



17

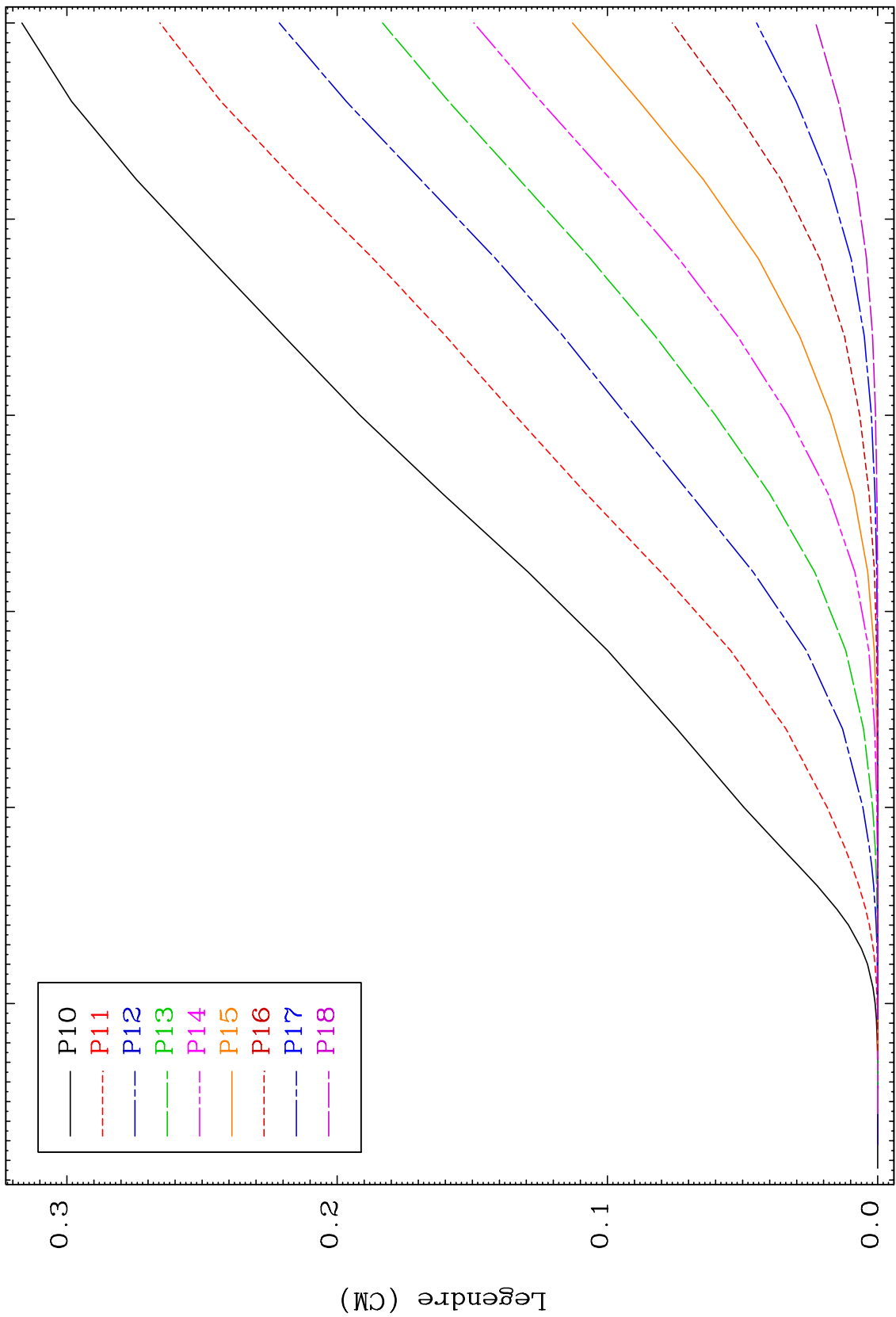
Incident Energy (MeV)

54-Xe-135

MAT 5458

Elastic Legendre Coefficients

54-Xe-135



18

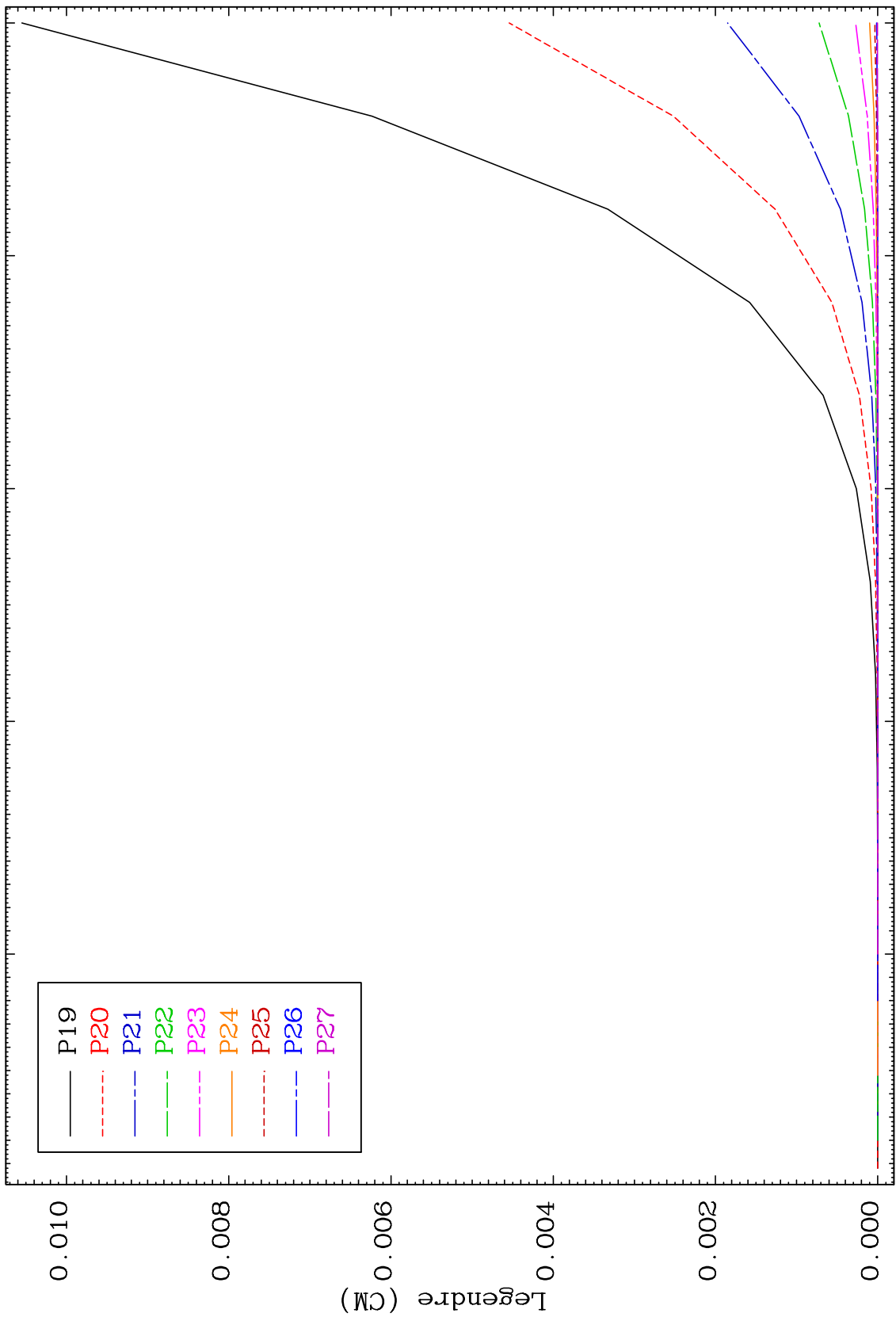
Incident Energy (MeV)

54-Xe-135

MAT 5458

Elastic Legendre Coefficients

54-Xe-135



19

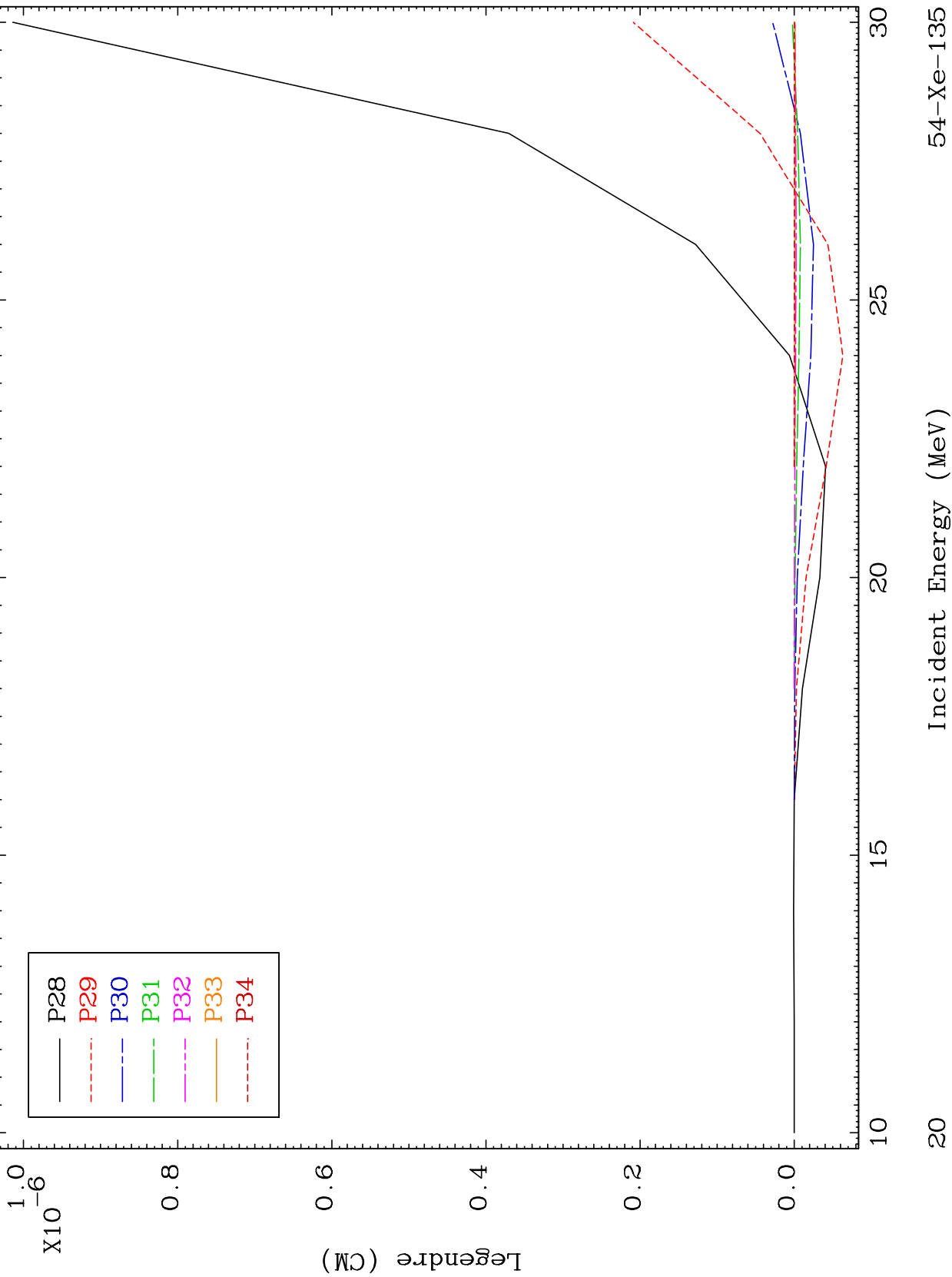
Incident Energy (MeV)

54-Xe-135

MAT 5458

Elastic Legendre Coefficients

54-Xe-135

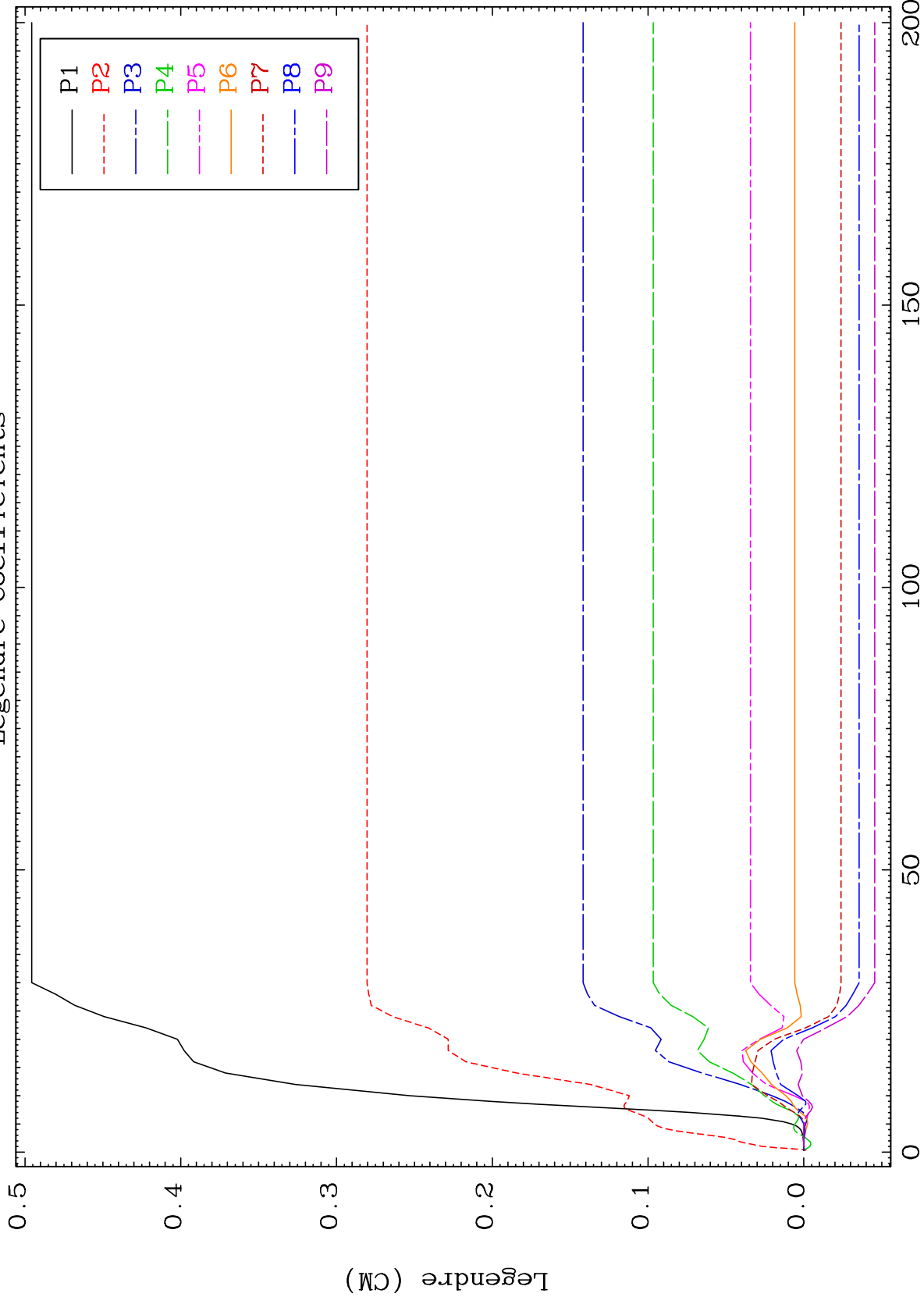


MAT 5458

MT= 51 (n,n') Level

54-Xe-135

Legendre Coefficients



21

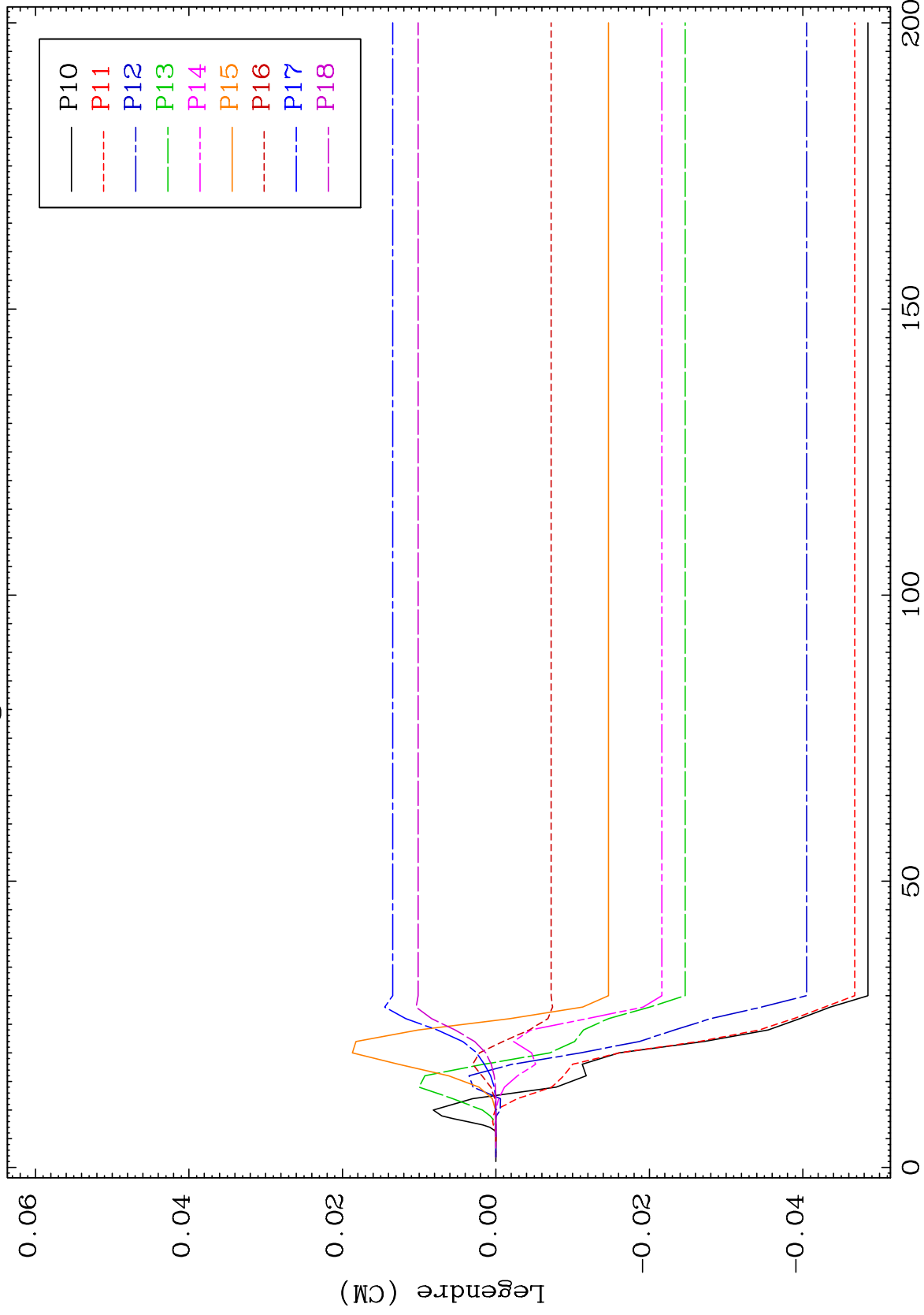
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

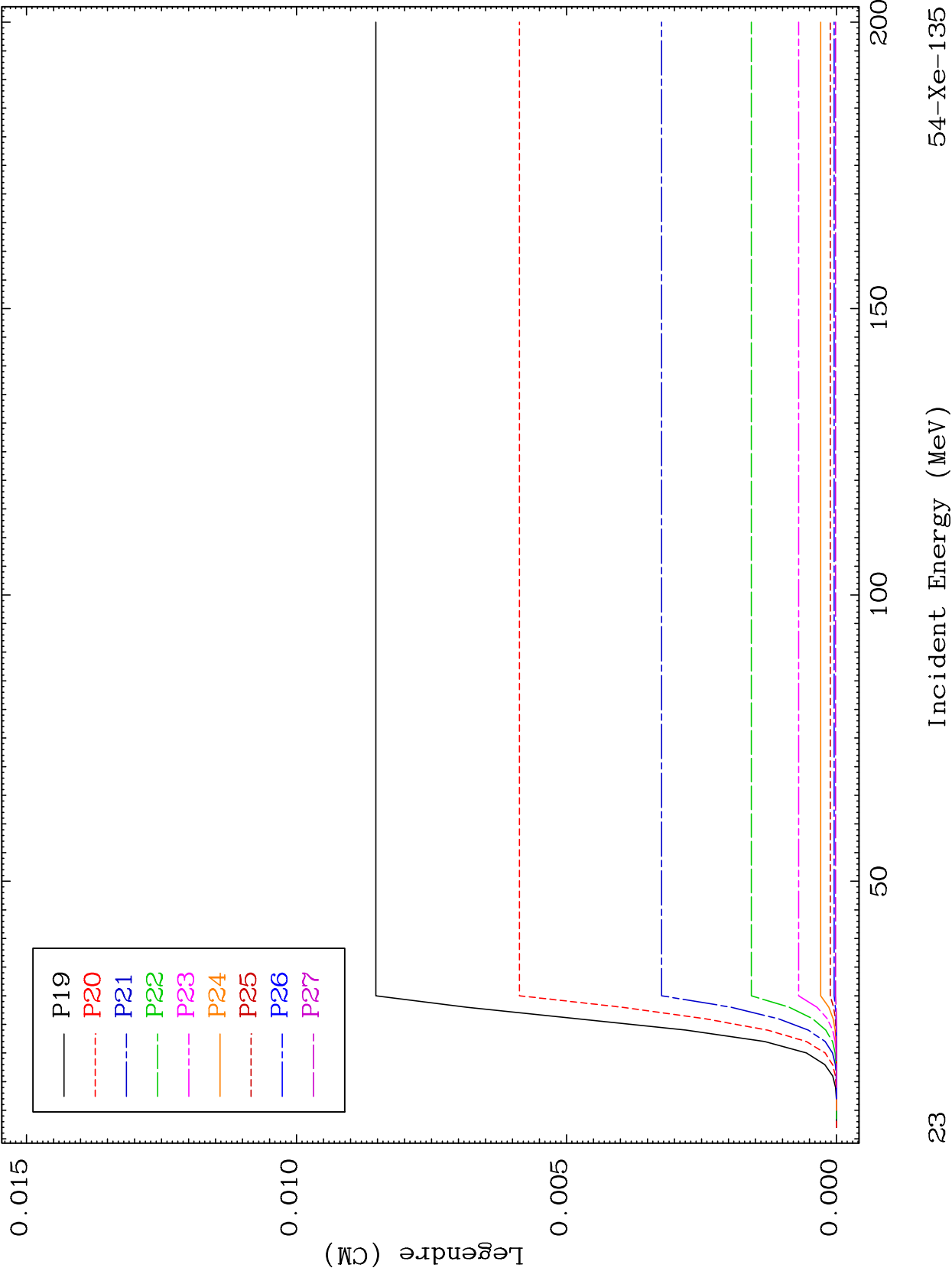
54-Xe-135



22

Incident Energy (MeV)

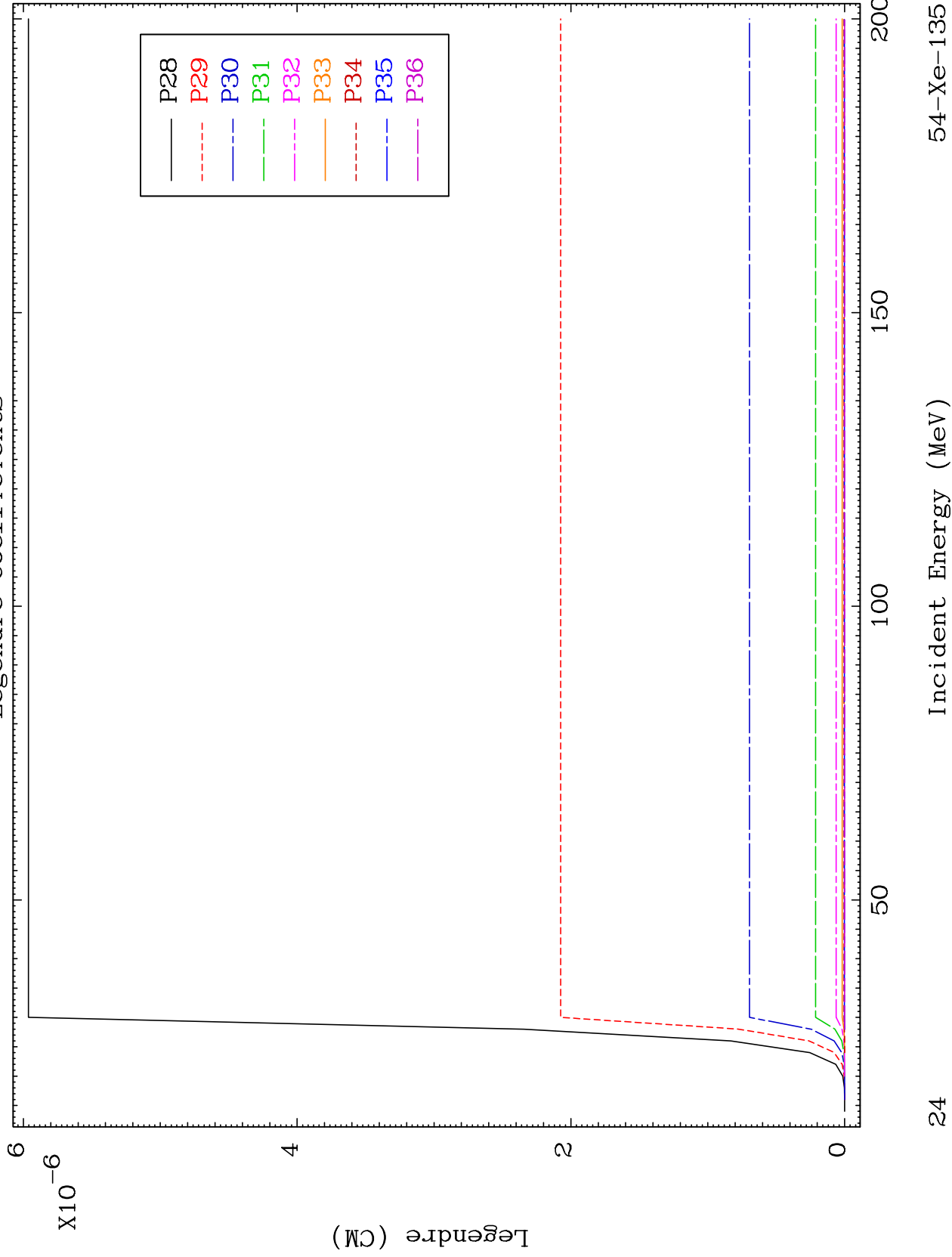
54-Xe-135



MAT 5458

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

54-Xe-135



24

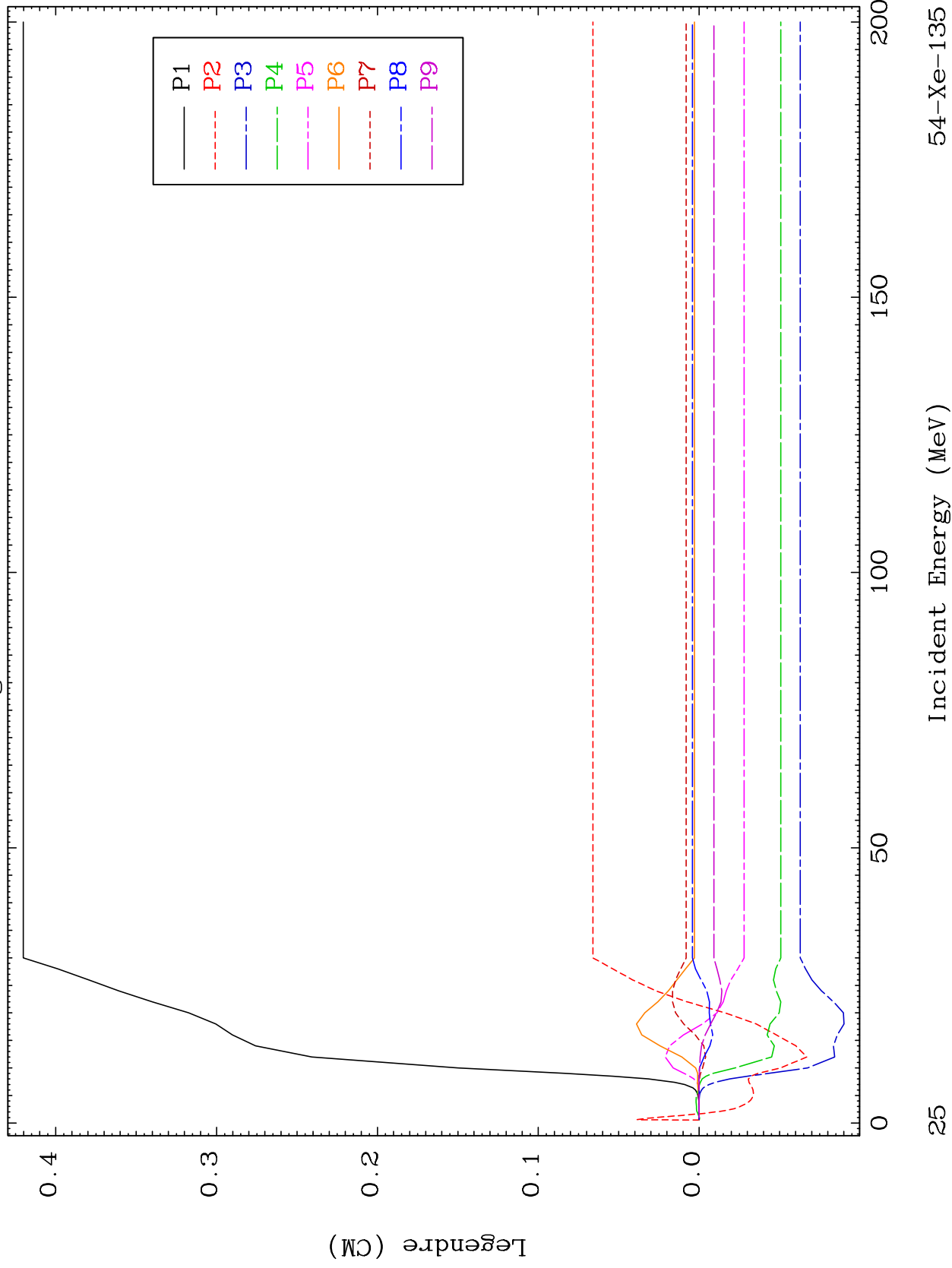
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

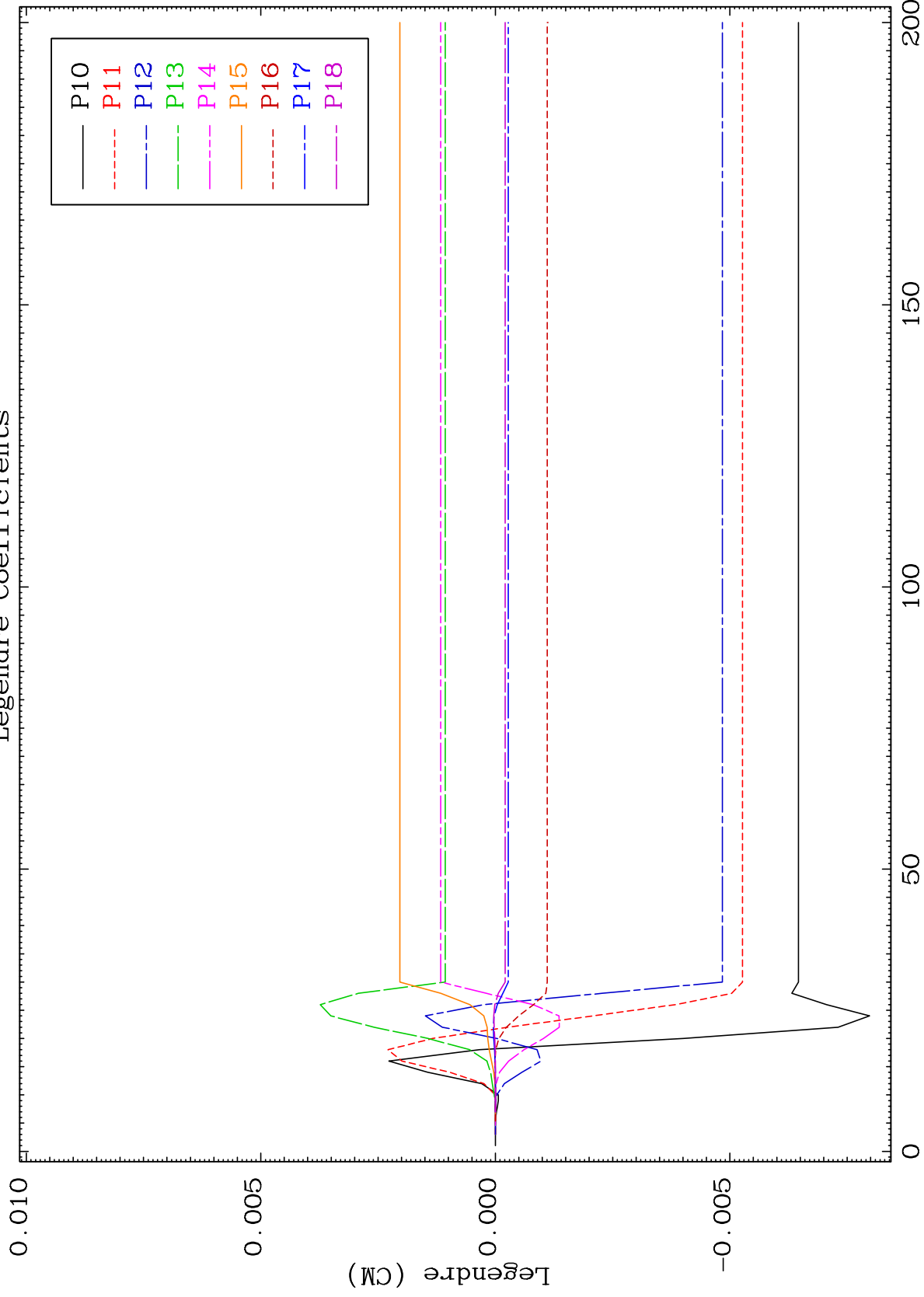
Incident Energy (MeV)

25

MAT 5458

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

54-Xe-135



26

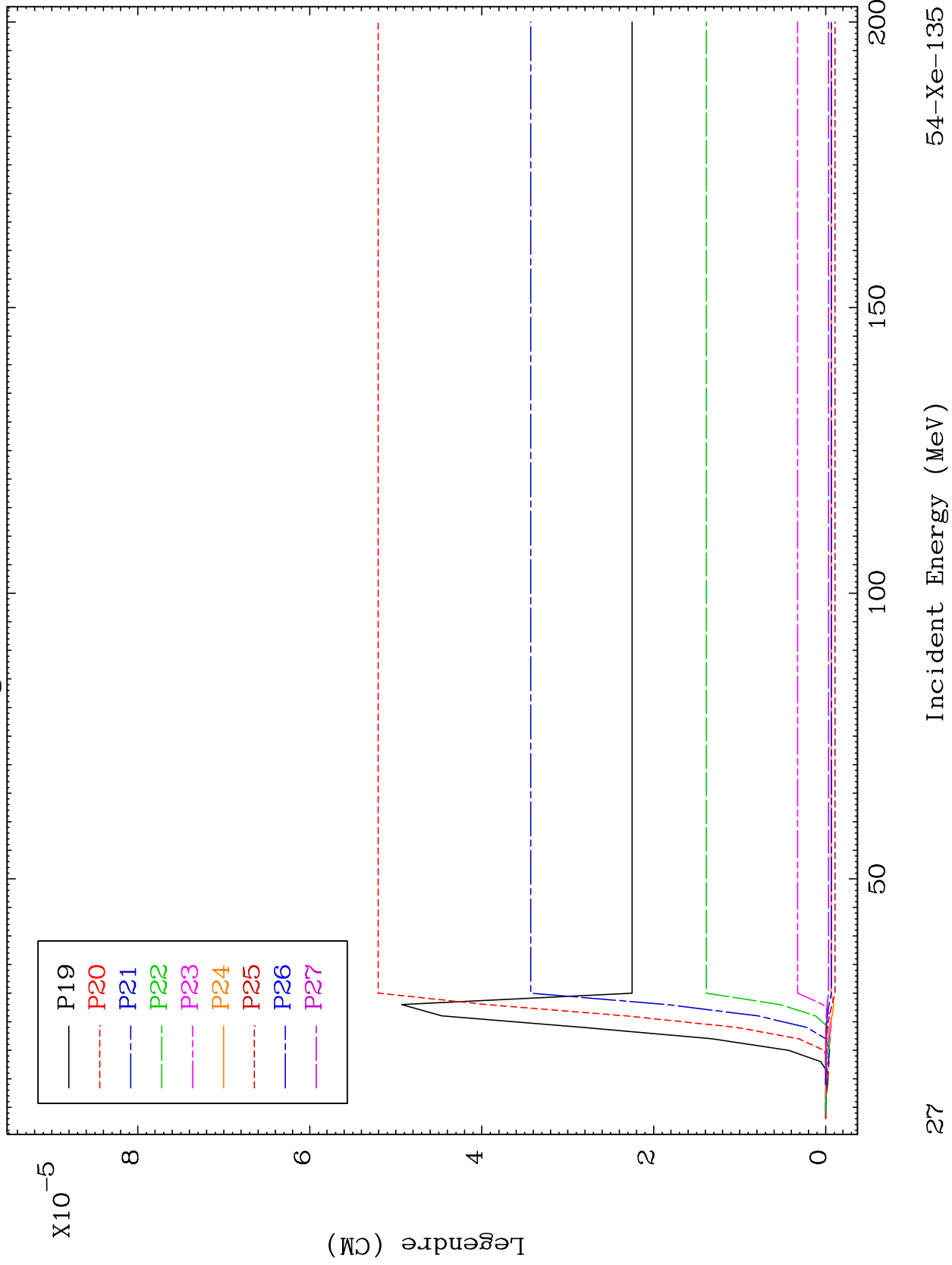
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135

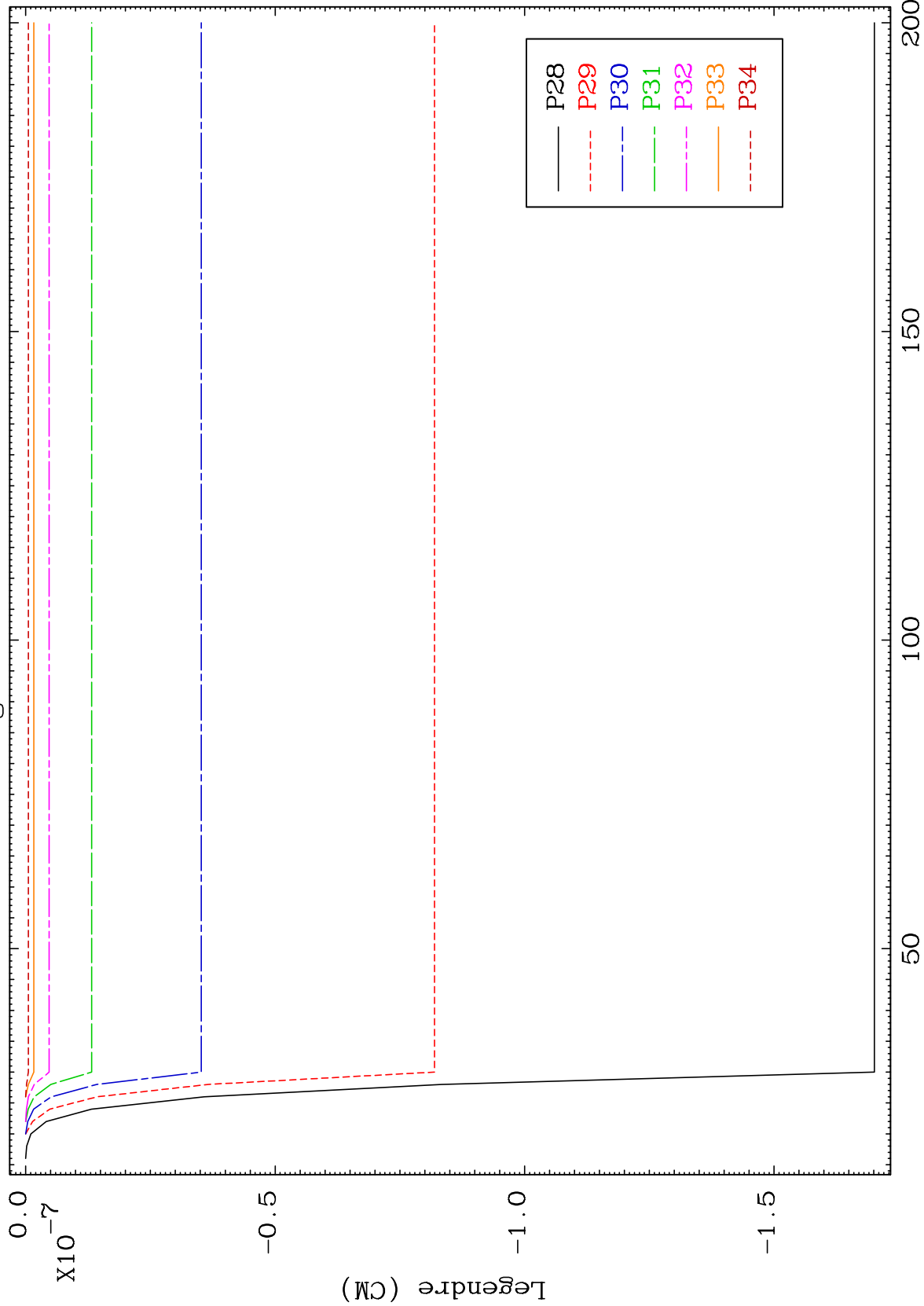


MAT 5458

MT= 52 (n,n') Level

54-Xe-135

Legendre Coefficients



28

Incident Energy (MeV)

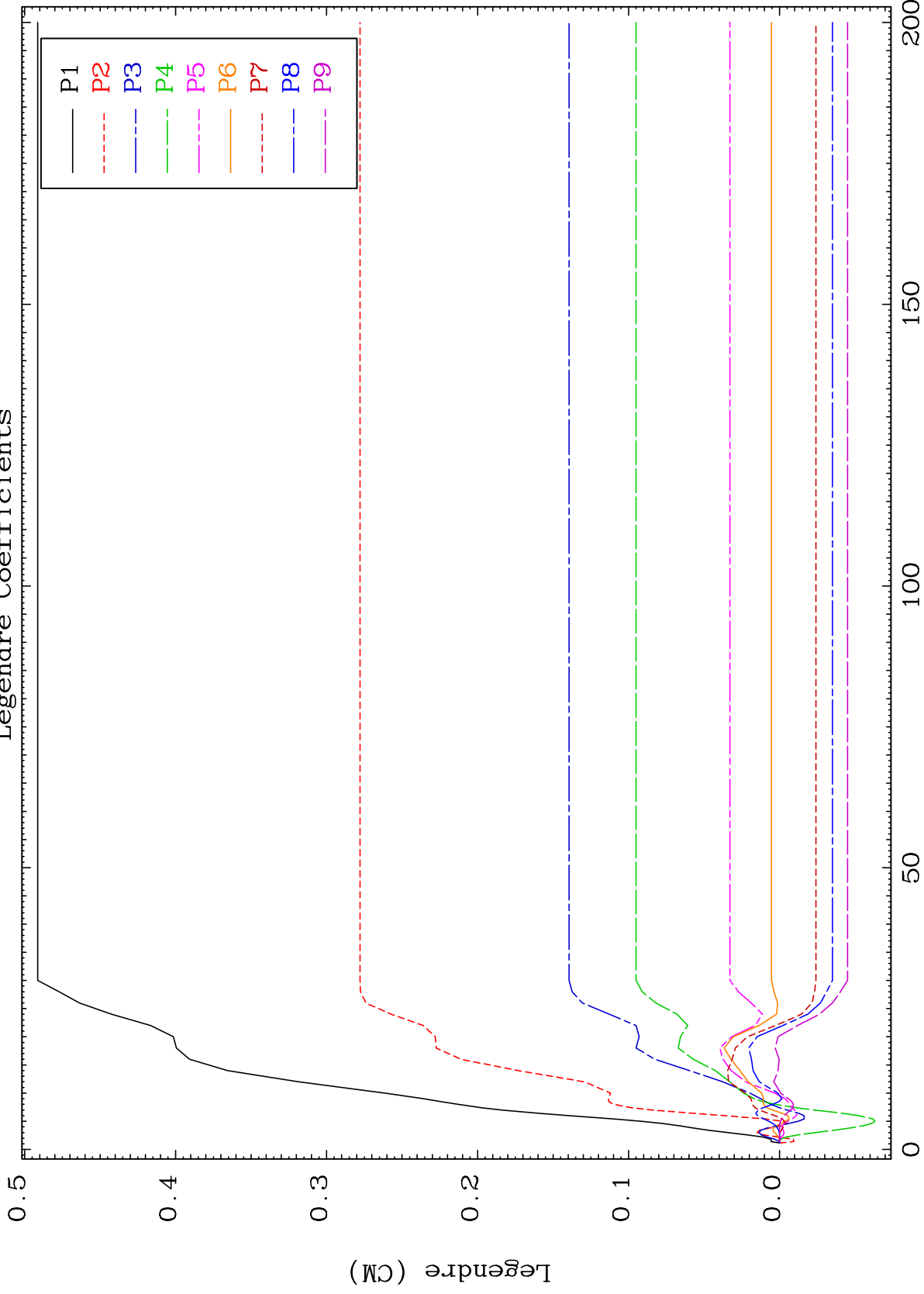
54-Xe-135

MAT 5458

MT= 53 (n,n') Level

54-Xe-135

Legendre Coefficients



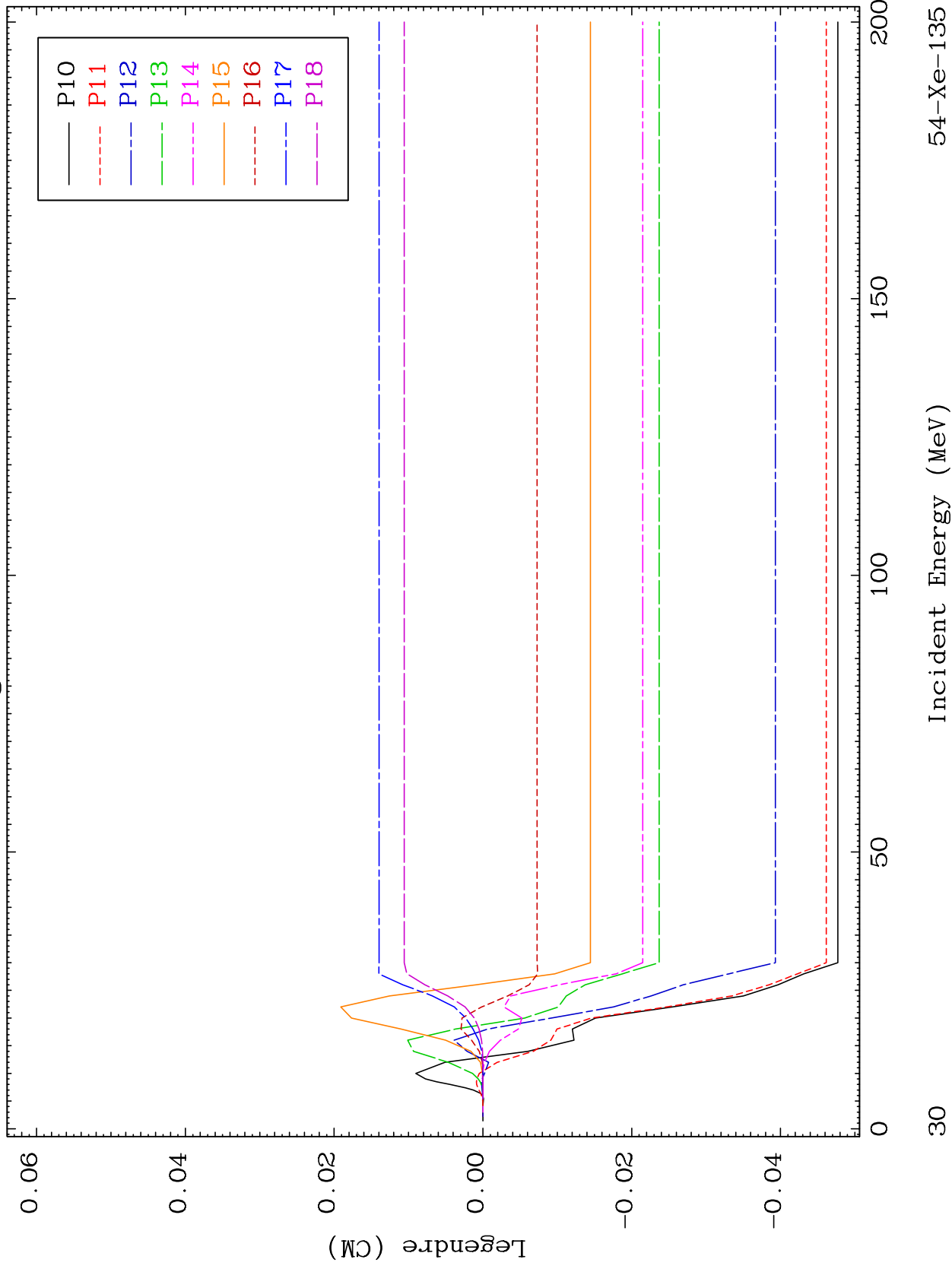
29

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

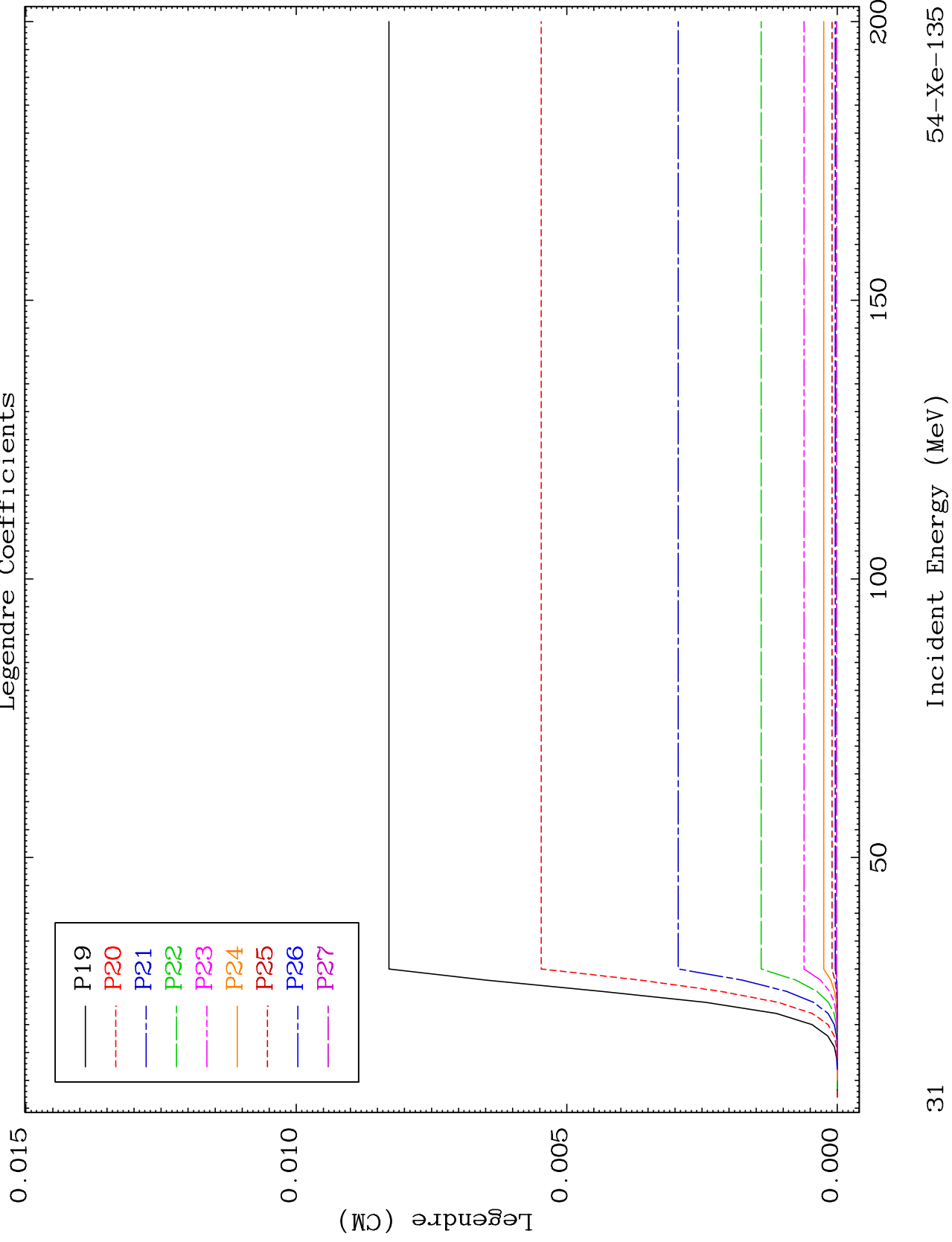
Incident Energy (MeV)

30

MAT 5458

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

54-Xe-135



31

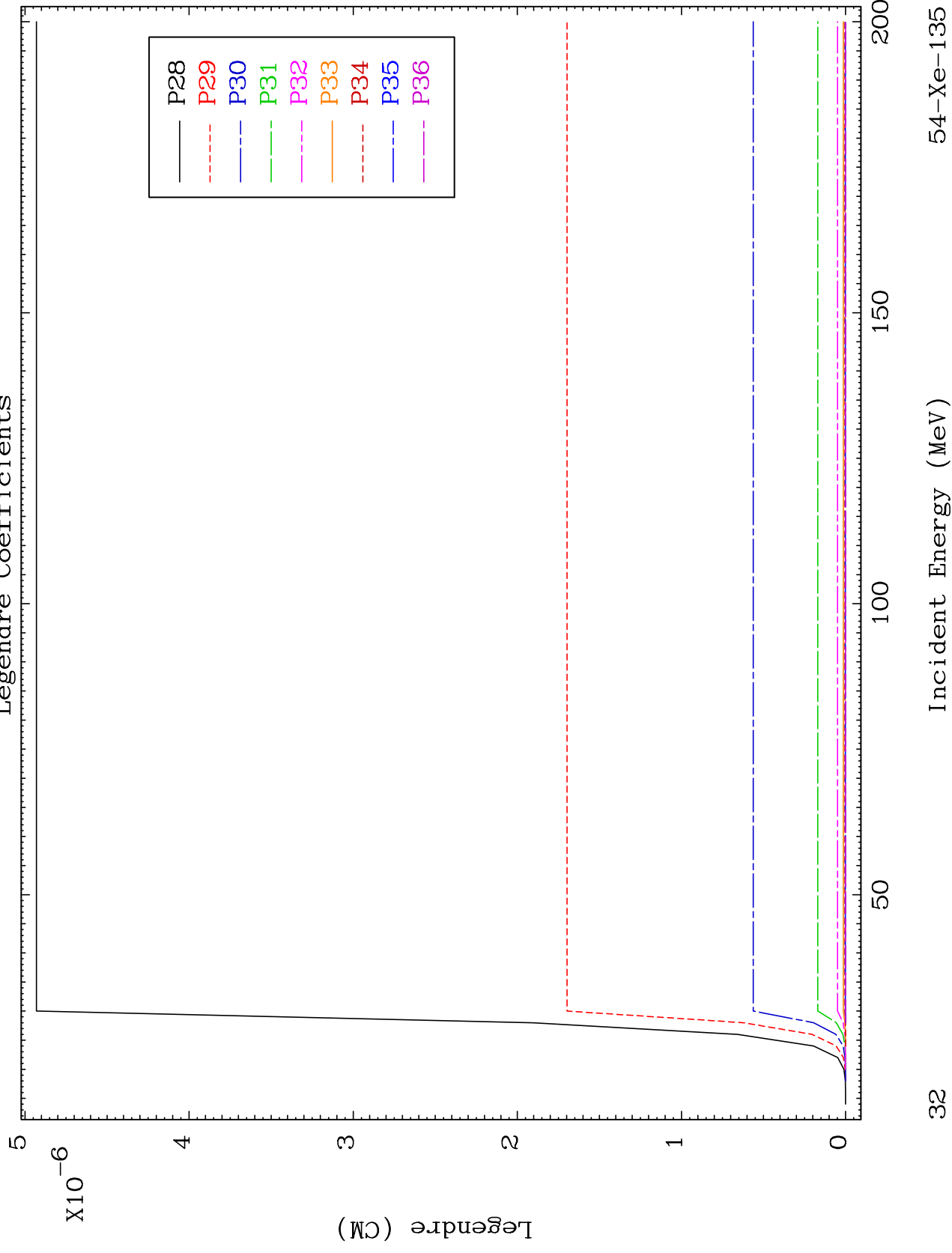
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



32

Incident Energy (MeV)

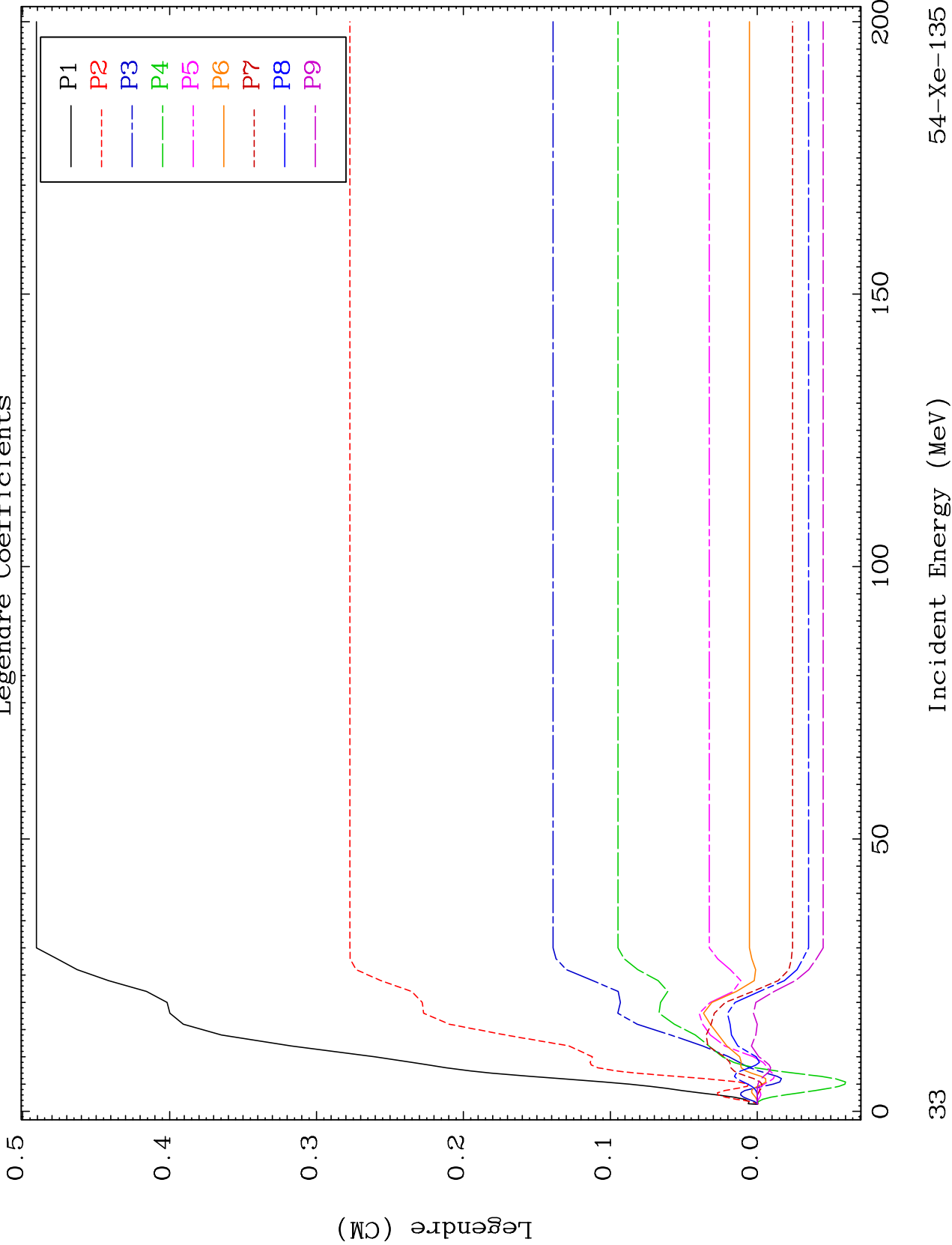
54-Xe-135

MAT 5458

MT= 54 (n,n') Level

54-Xe-135

Legendre Coefficients



33

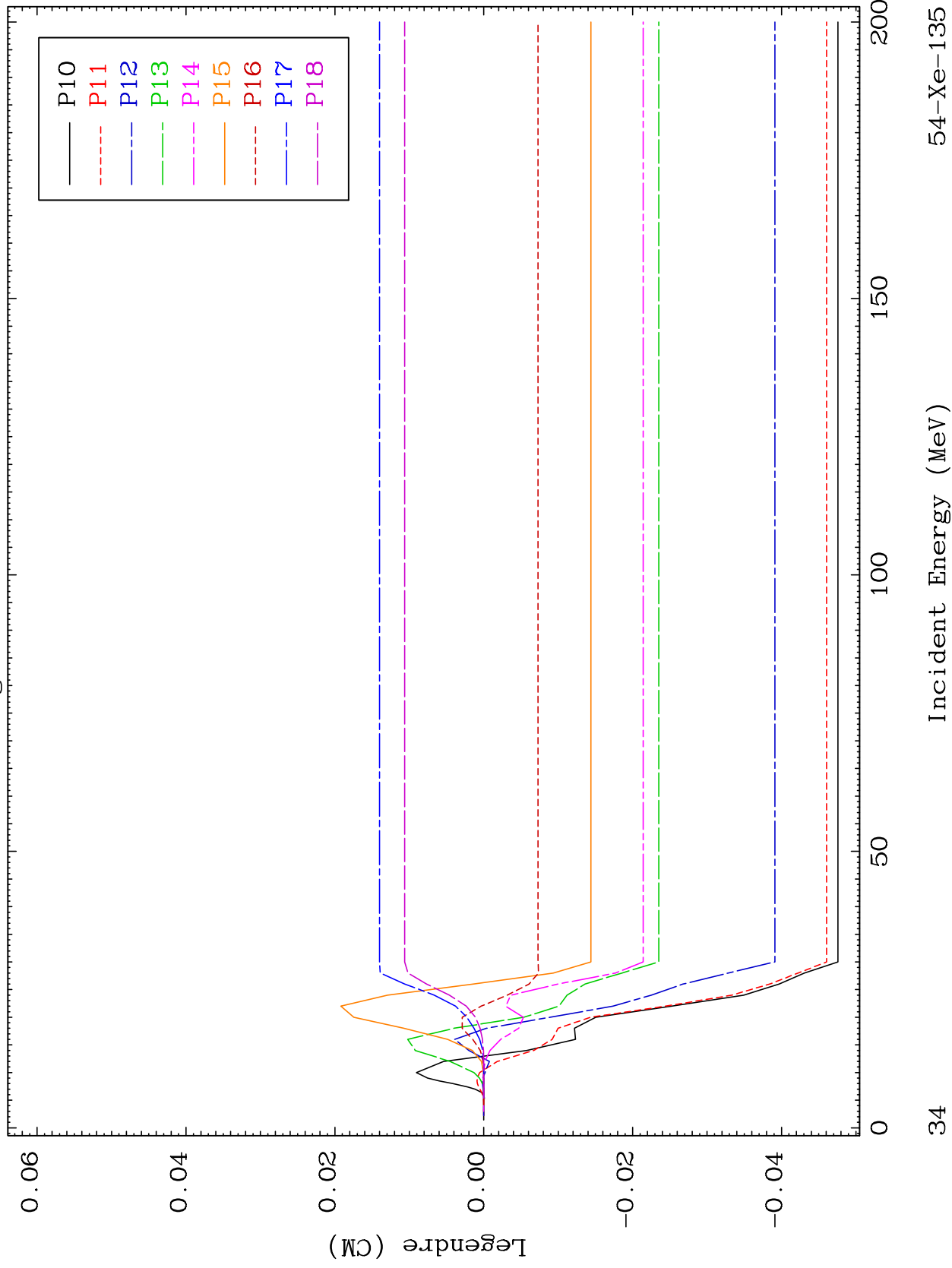
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



34

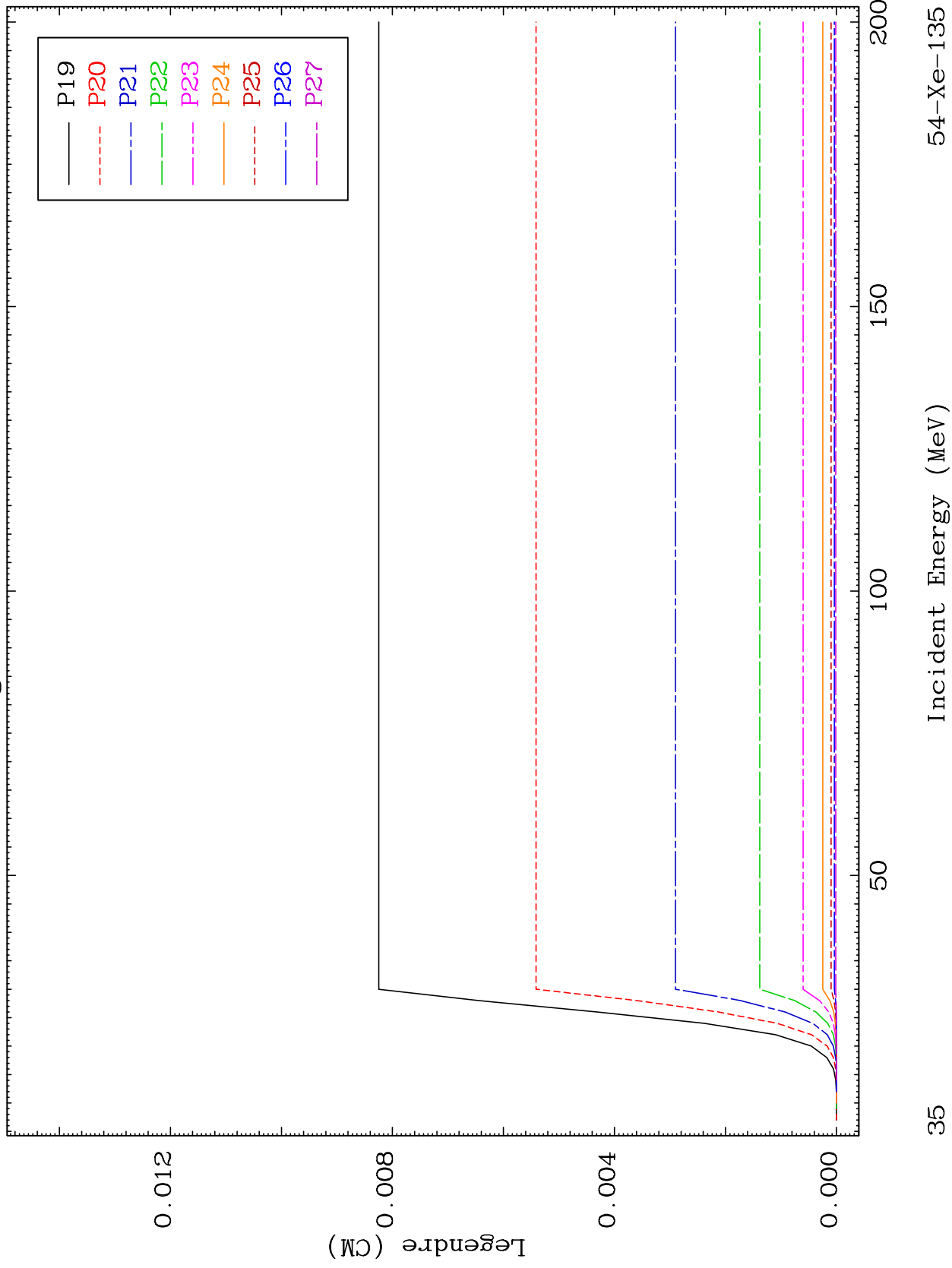
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



35

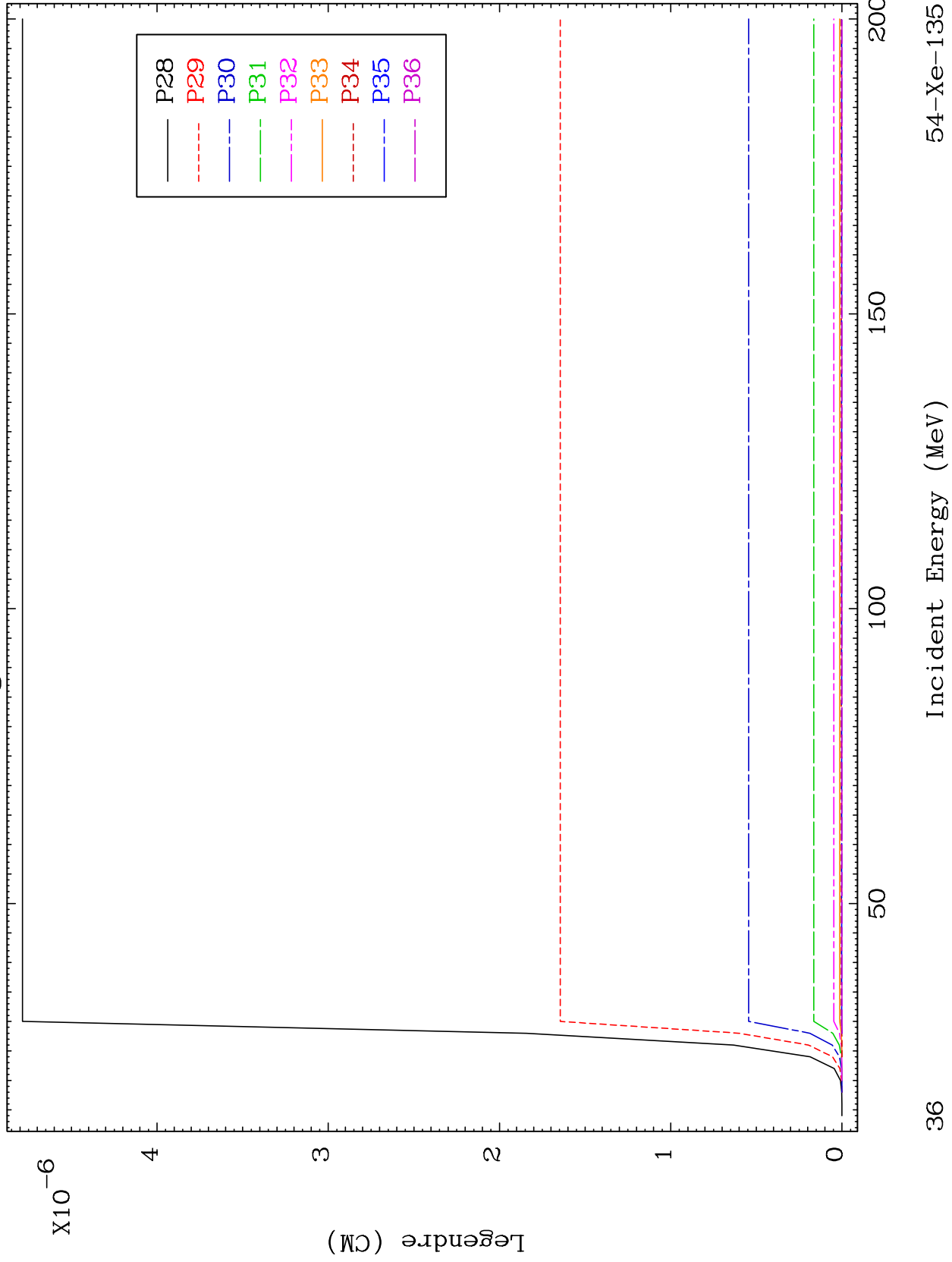
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



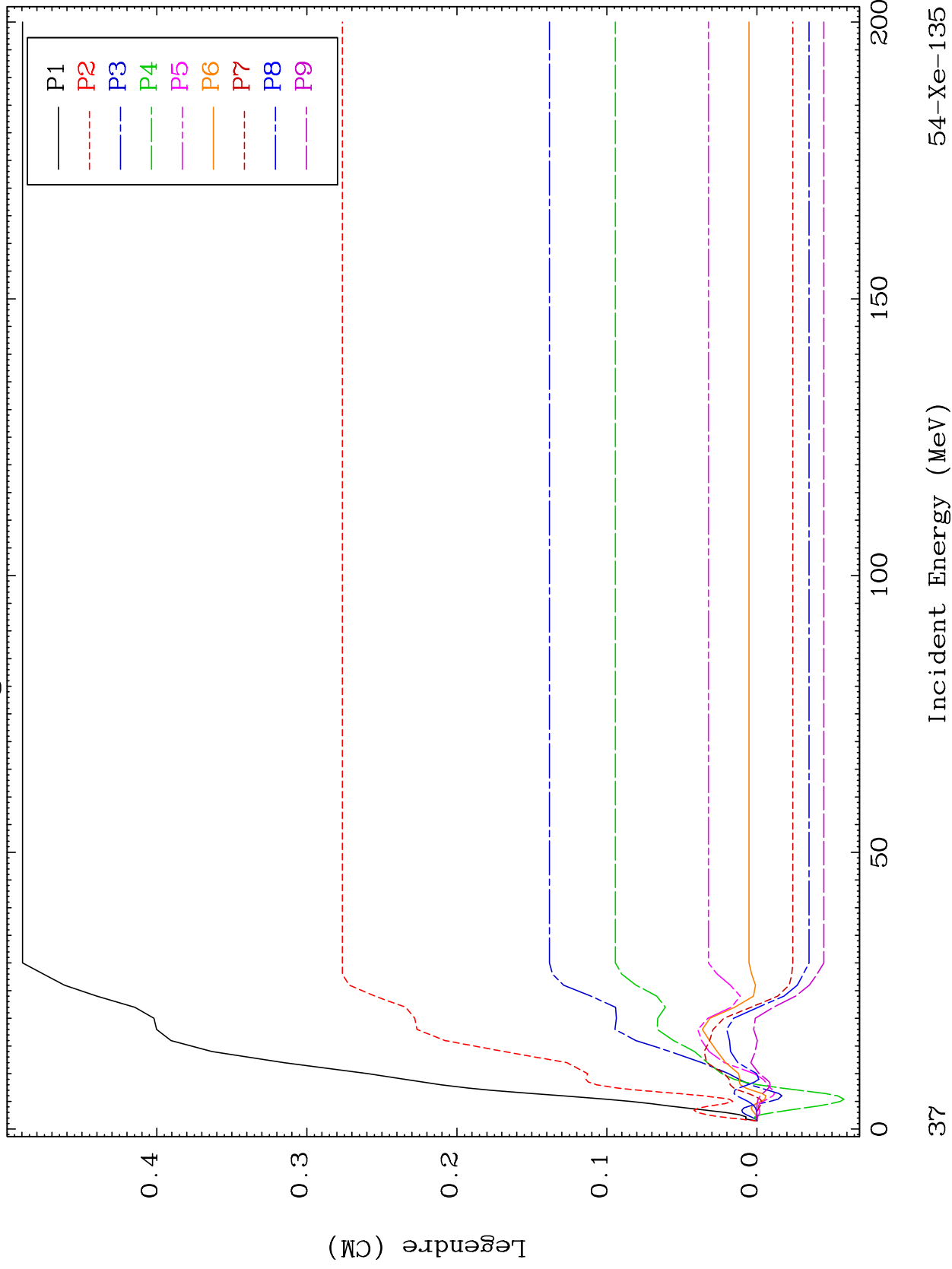
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54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

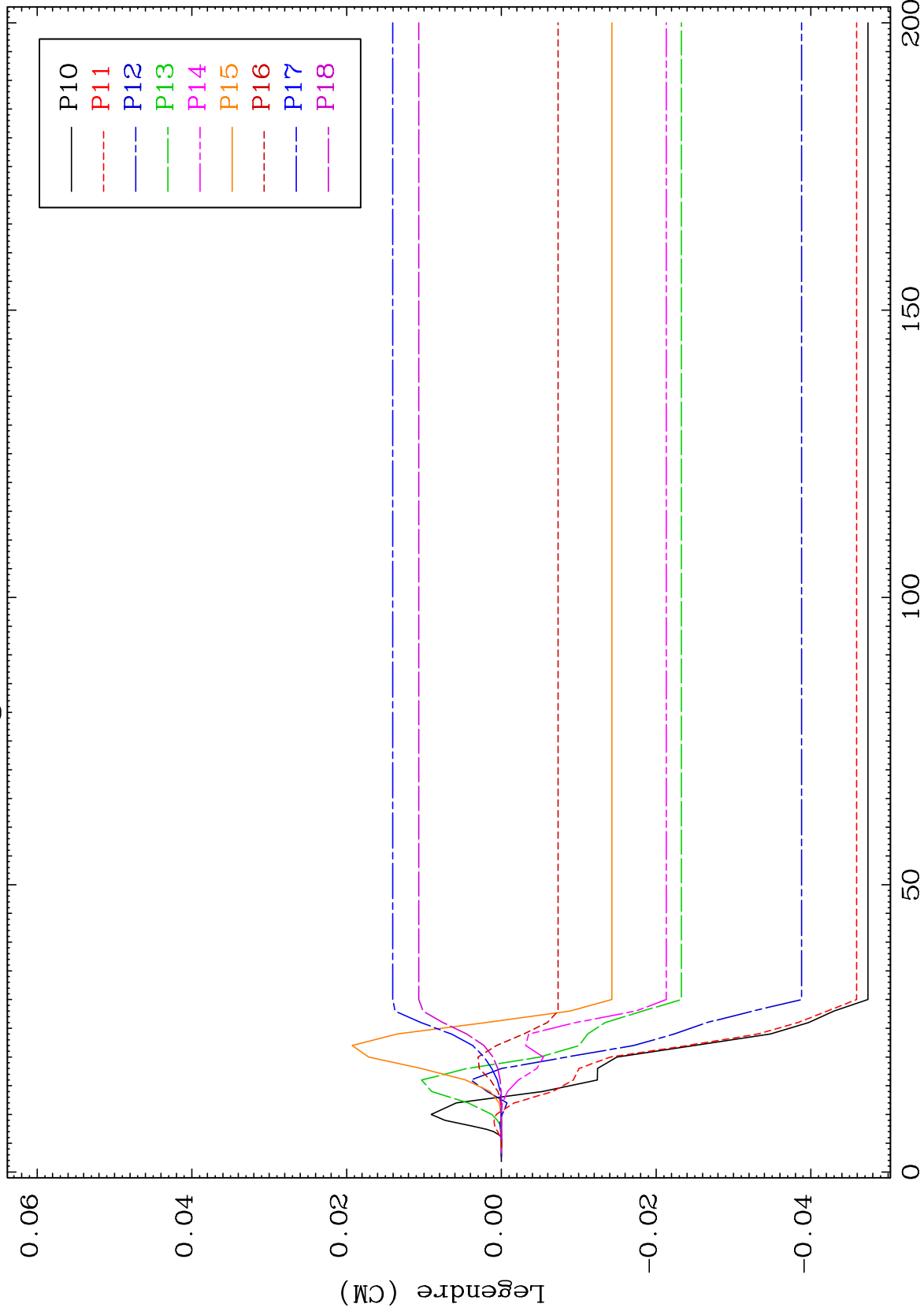
Incident Energy (MeV)

37

MAT 5458

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

54-Xe-135



38

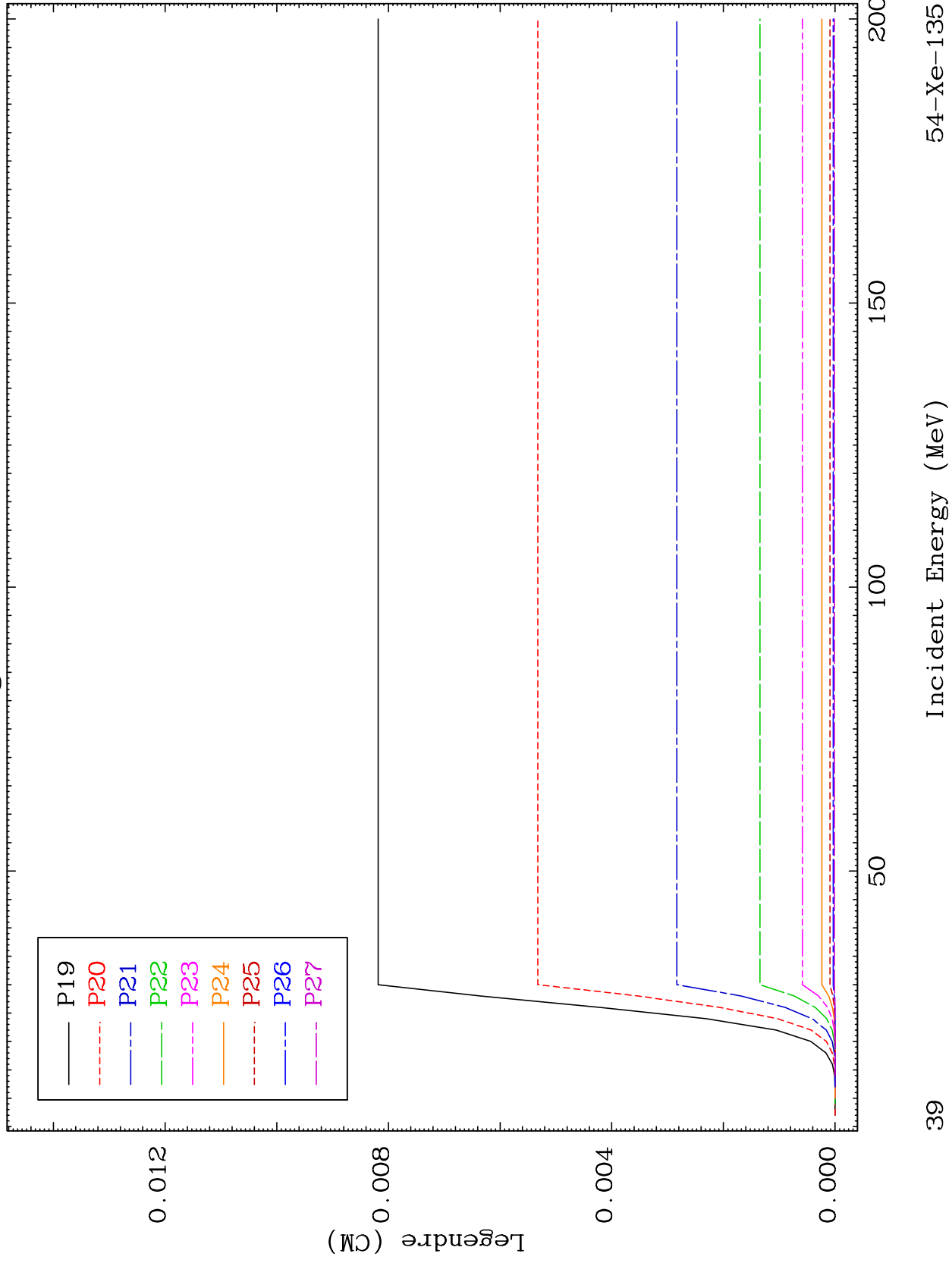
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



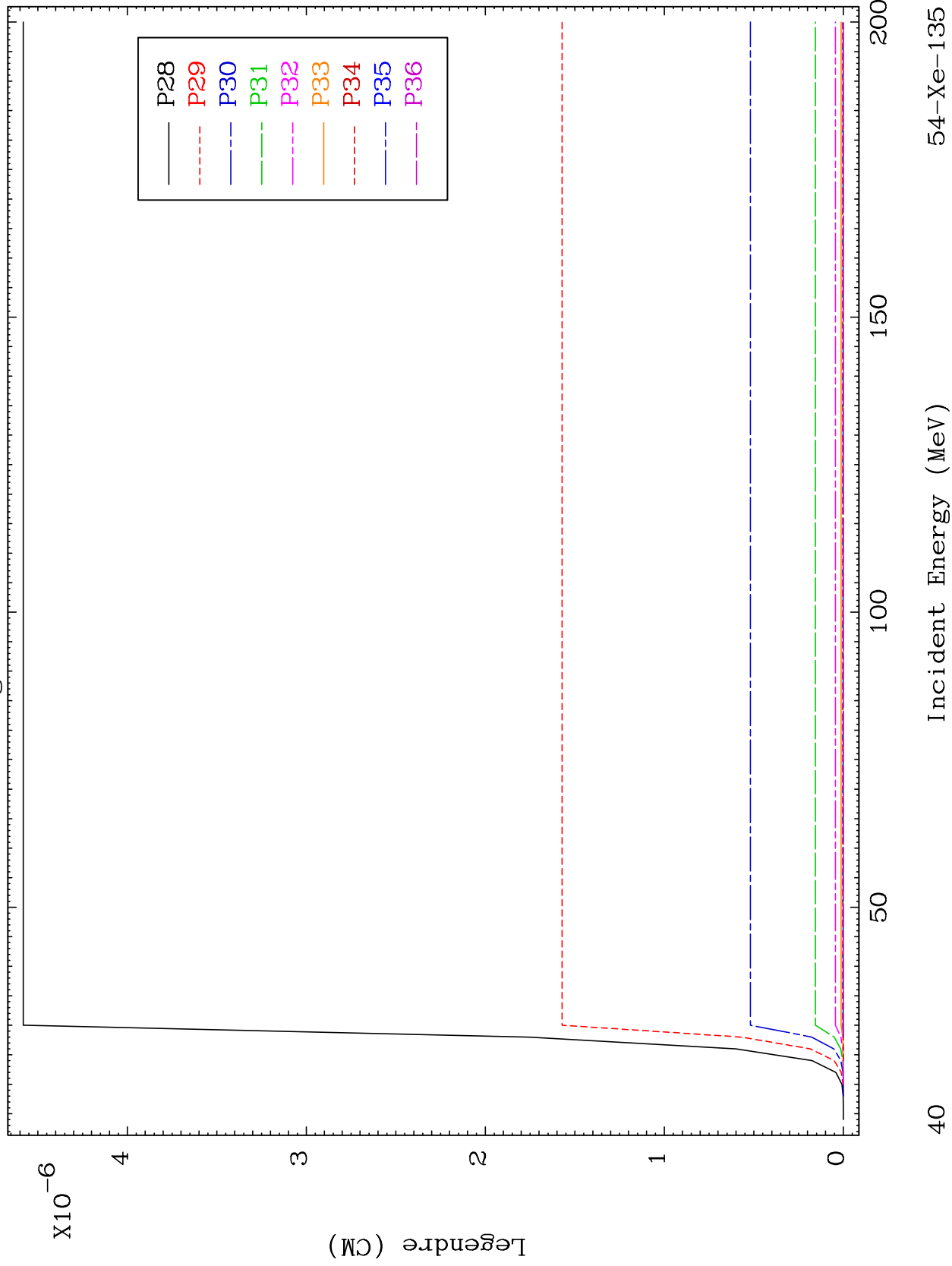
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54-Xe-135

MAT 5458

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

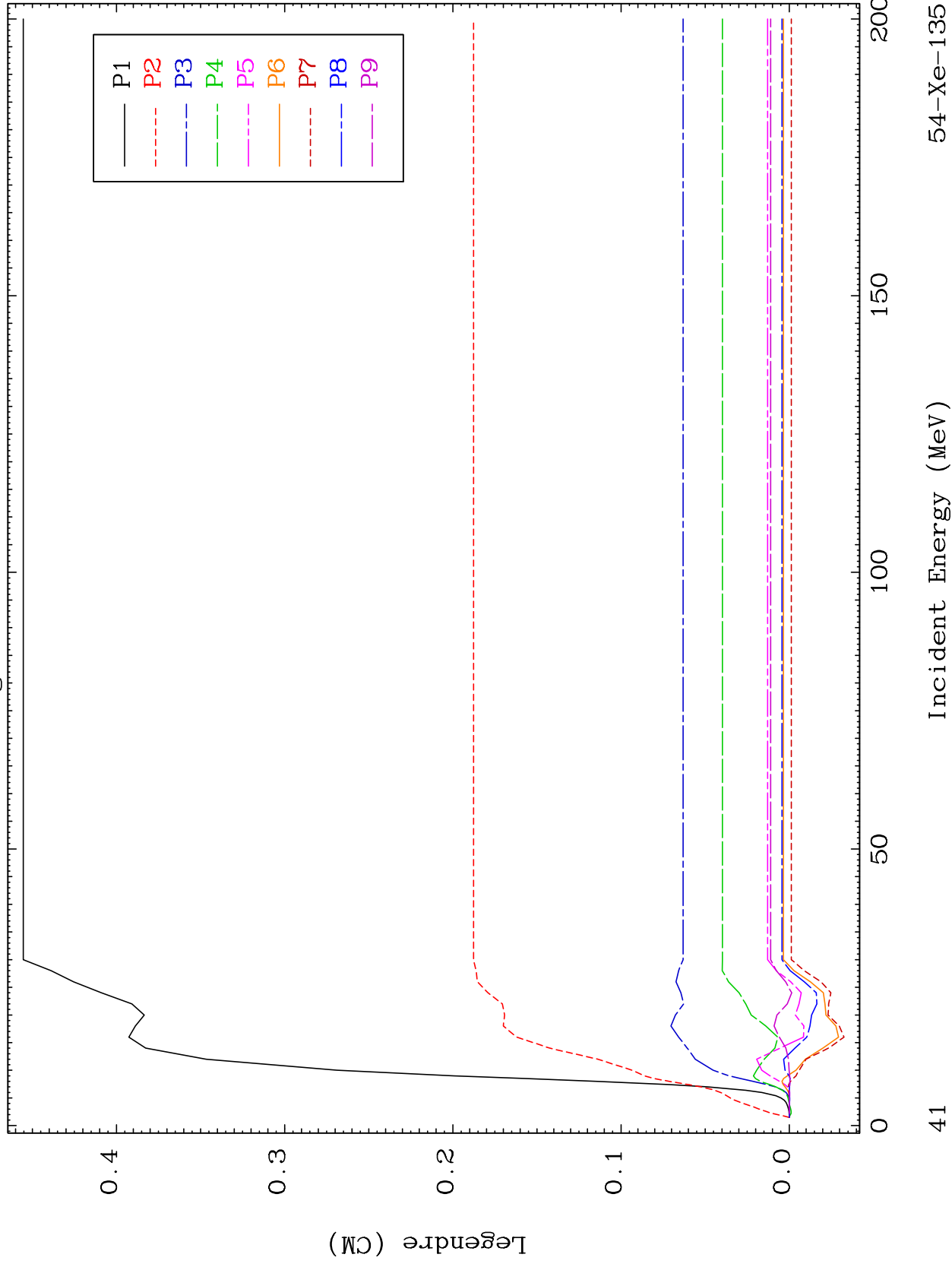
54-Xe-135



MAT 5458

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

54-Xe-135



41

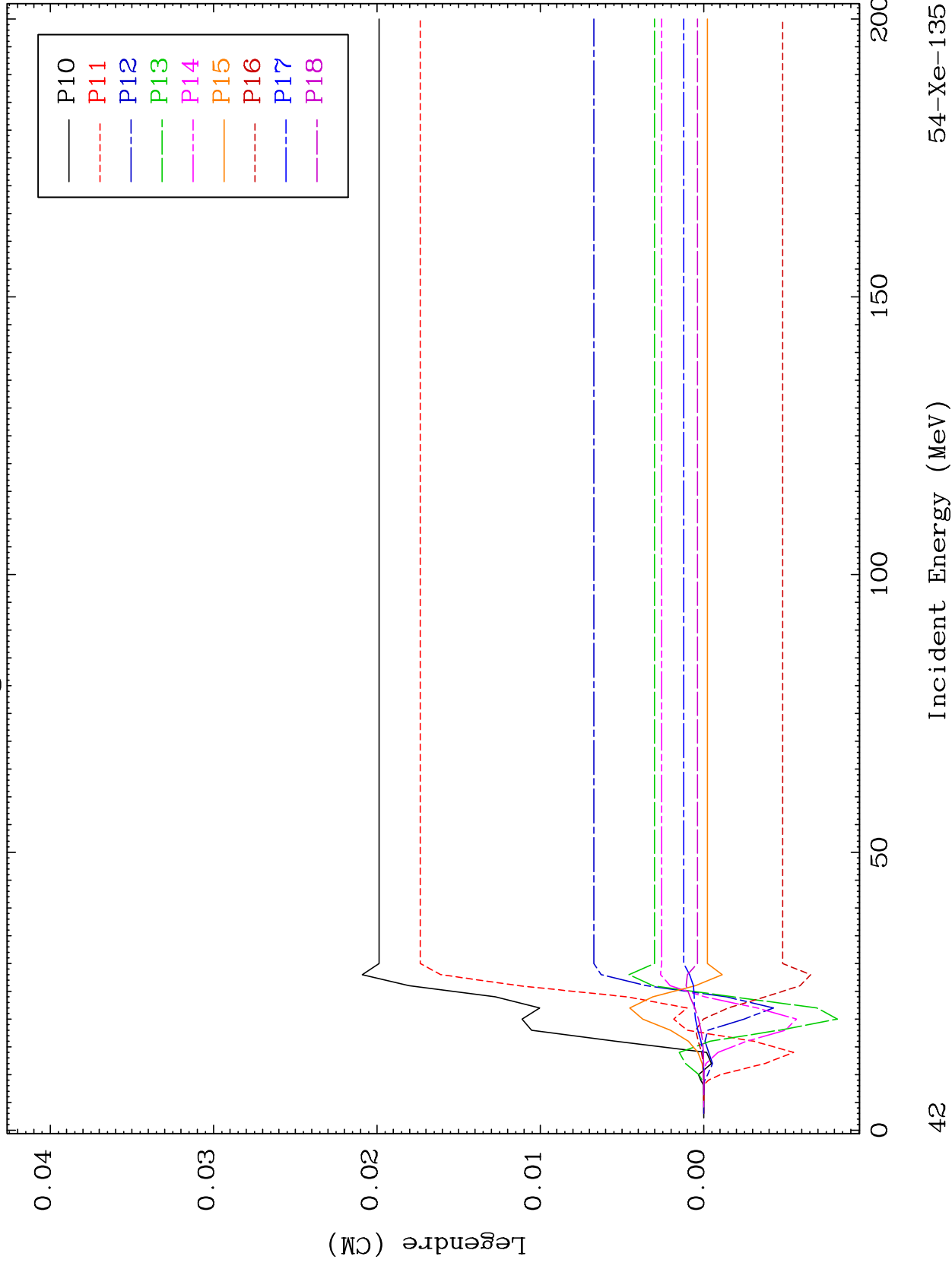
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

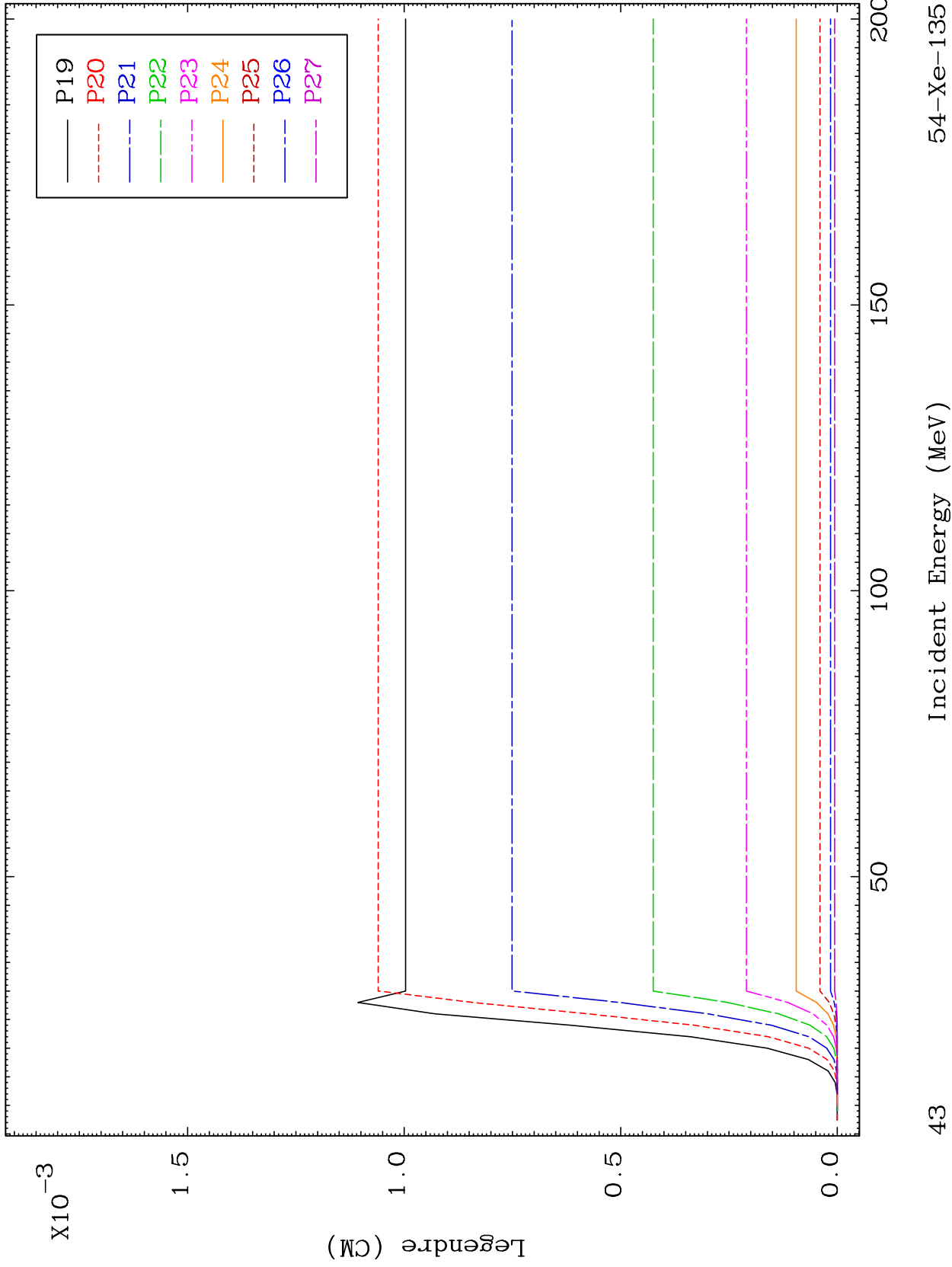
Incident Energy (MeV)

42

MAT 5458

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

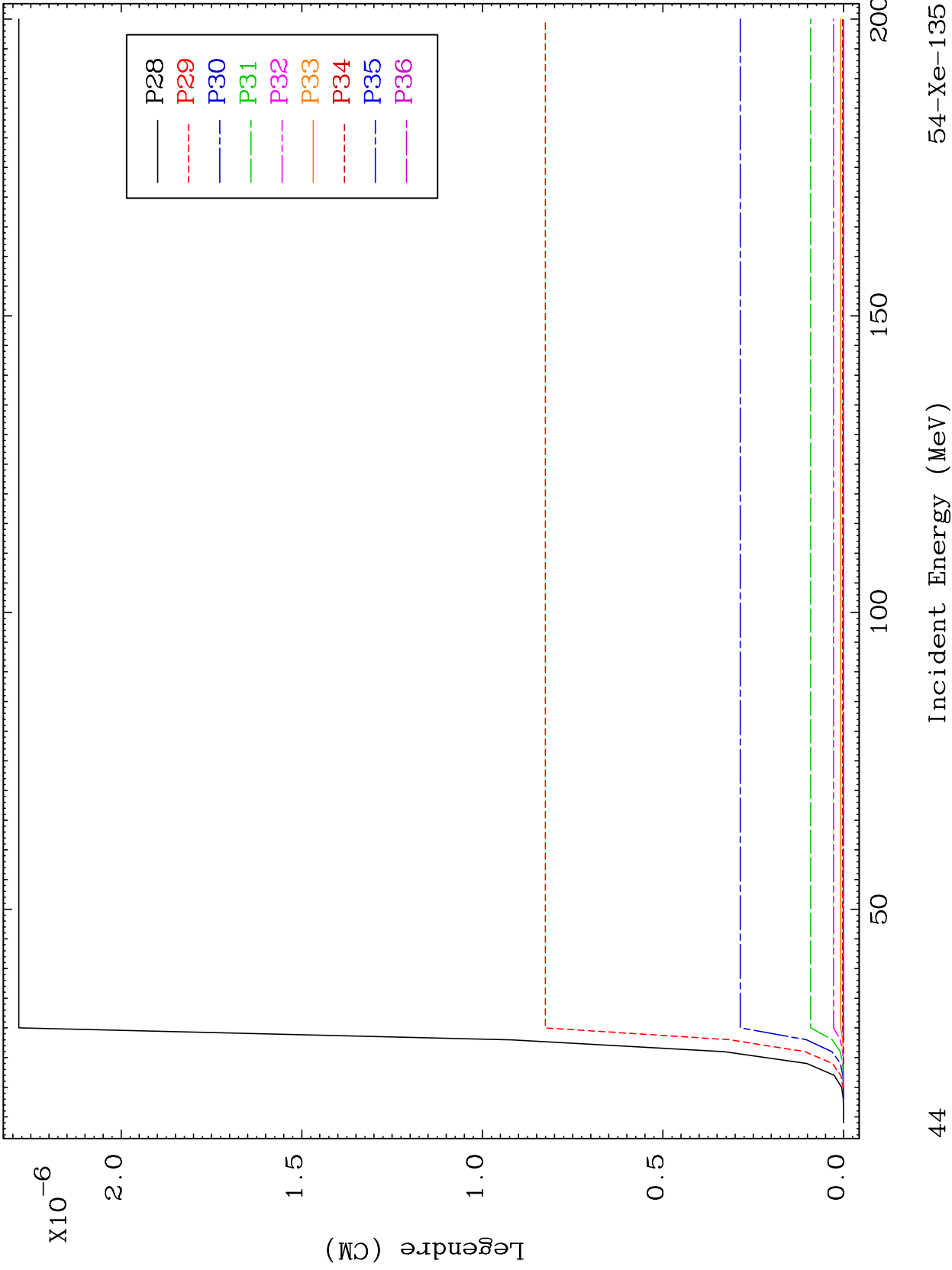
54-Xe-135



MAT 5458

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

54-Xe-135



44

Incident Energy (MeV)

54-Xe-135

200

150

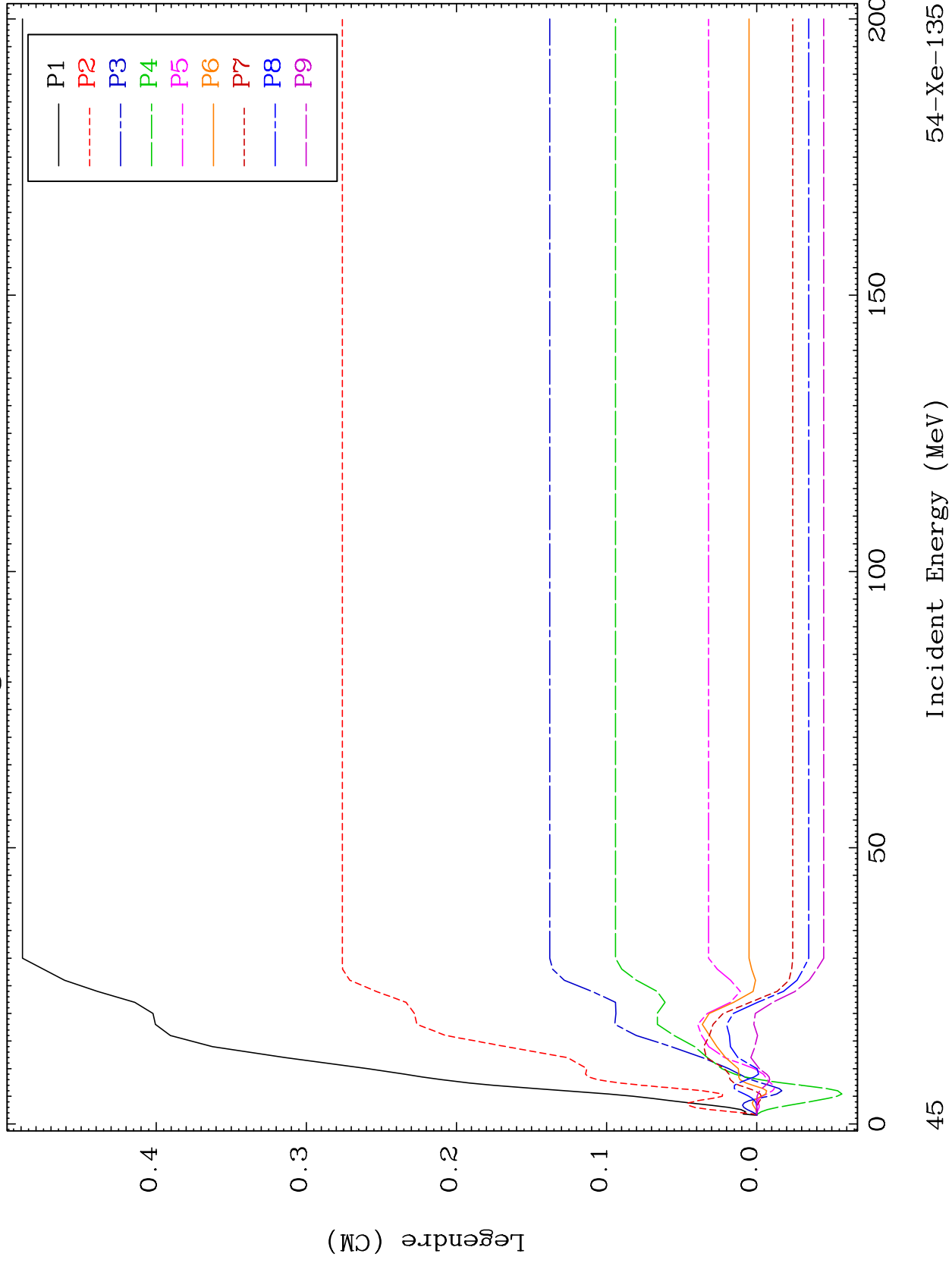
100

50

MAT 5458

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

54-Xe-135



54-Xe-135

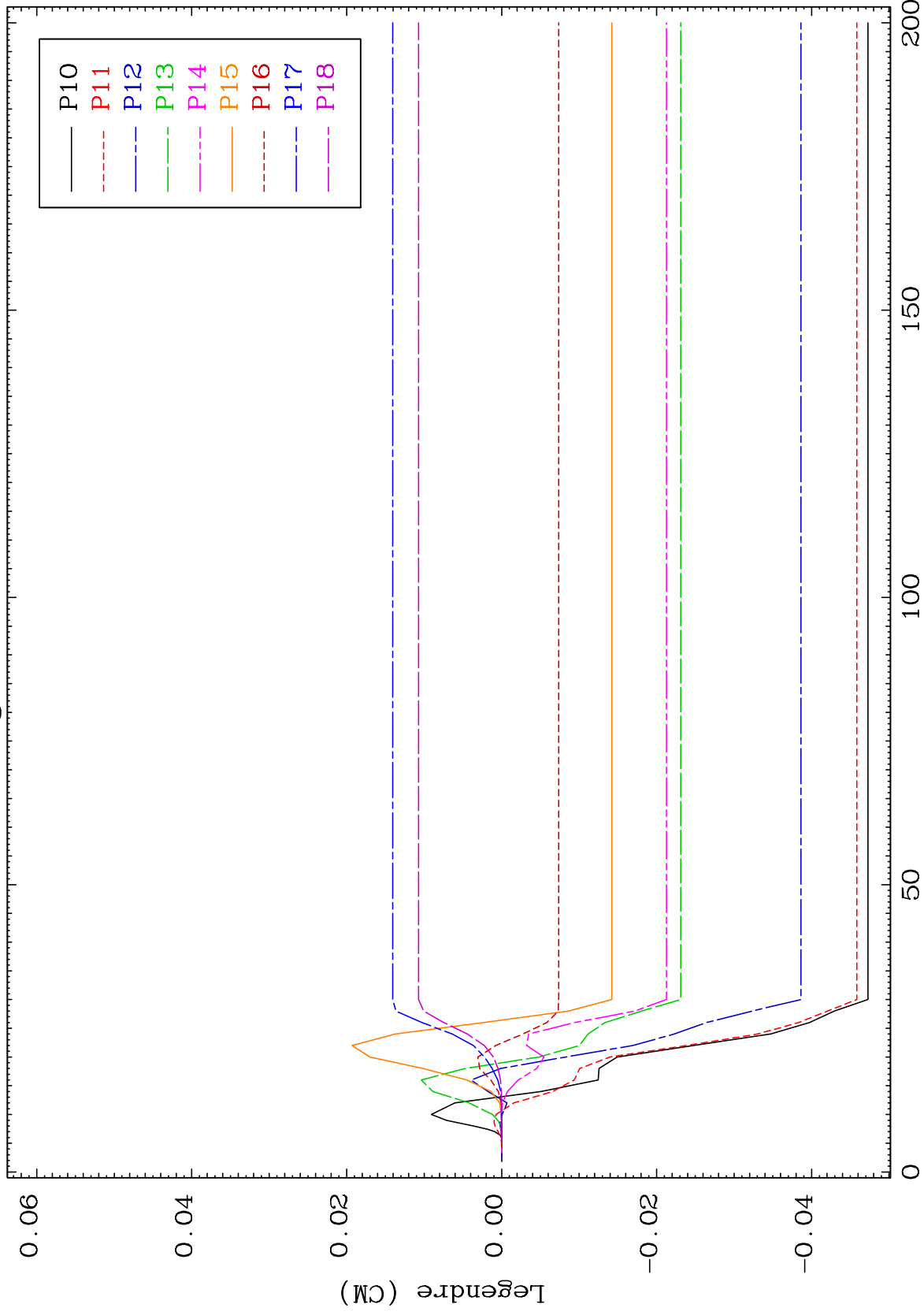
Incident Energy (MeV)

45

MAT 5458

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

54-Xe-135



46

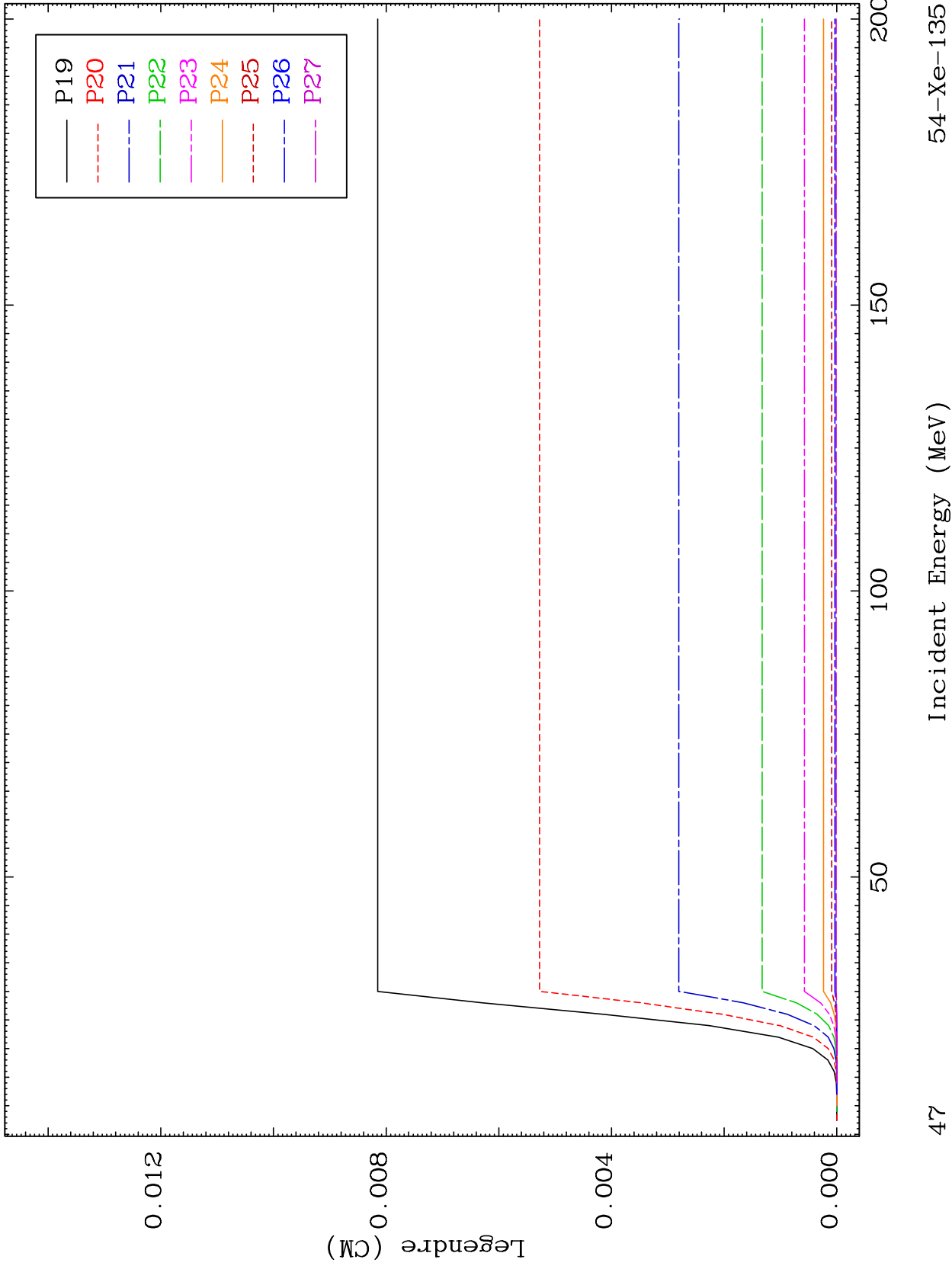
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



47

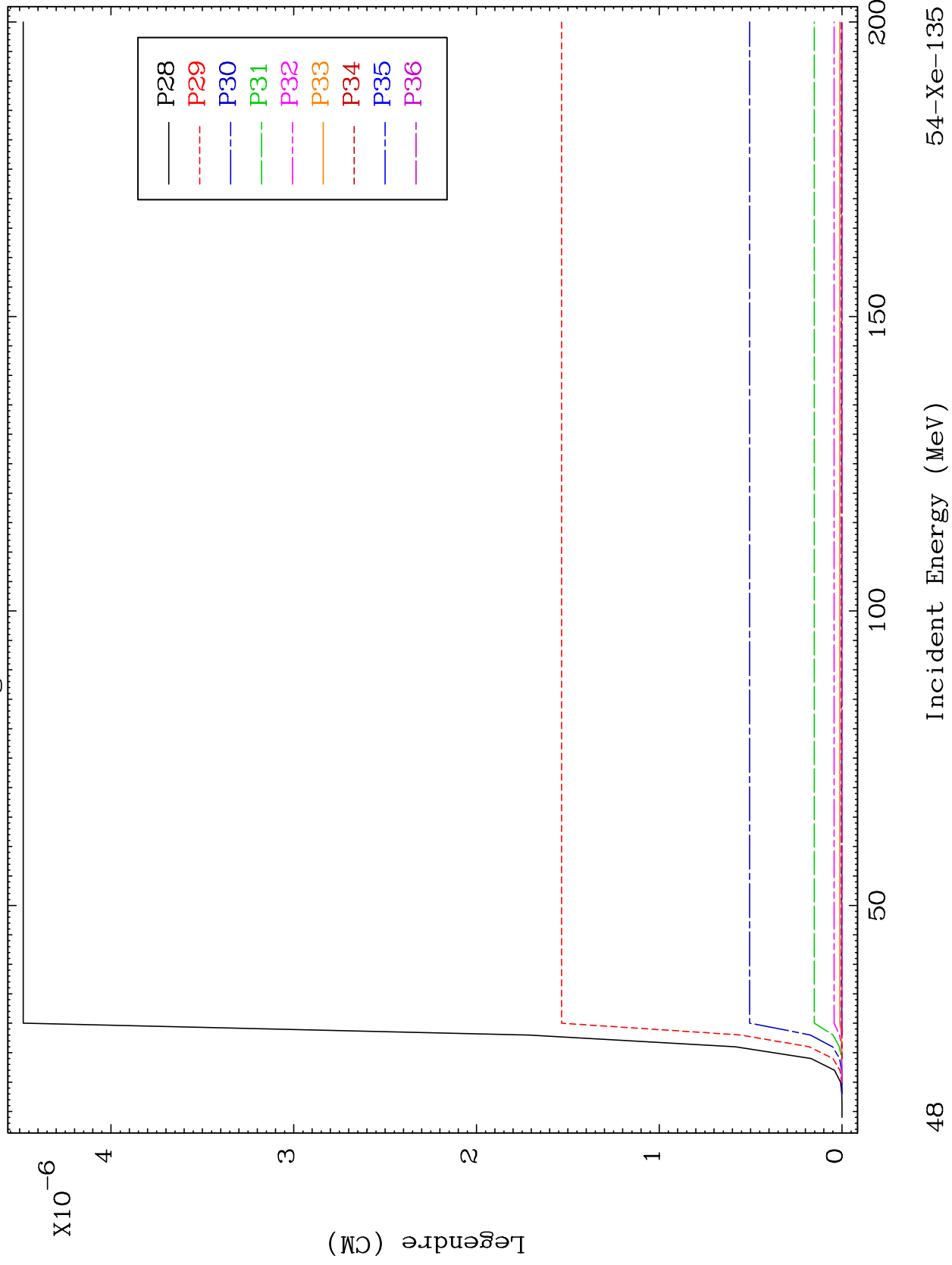
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

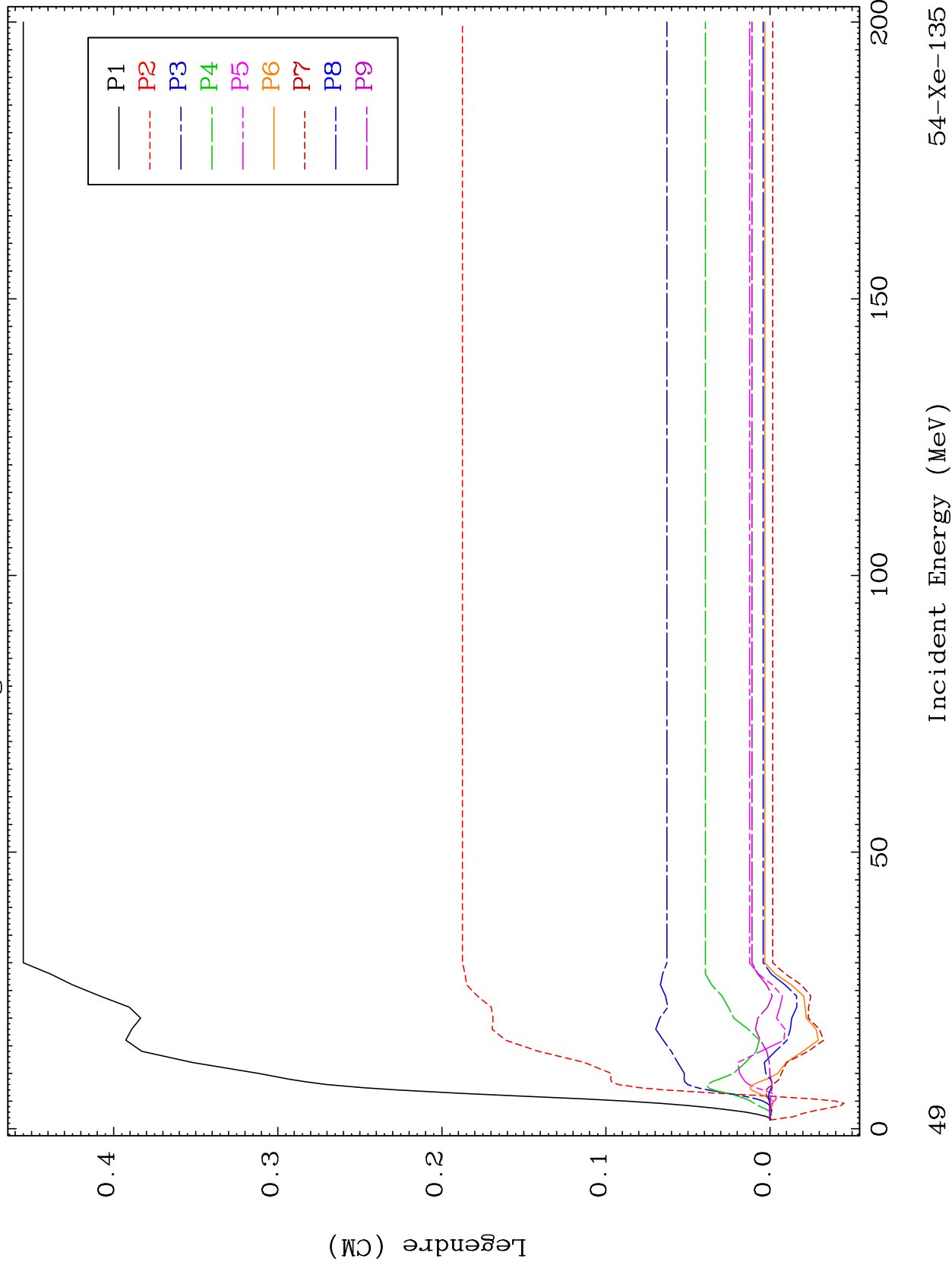
54-Xe-135



MAT 5458

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

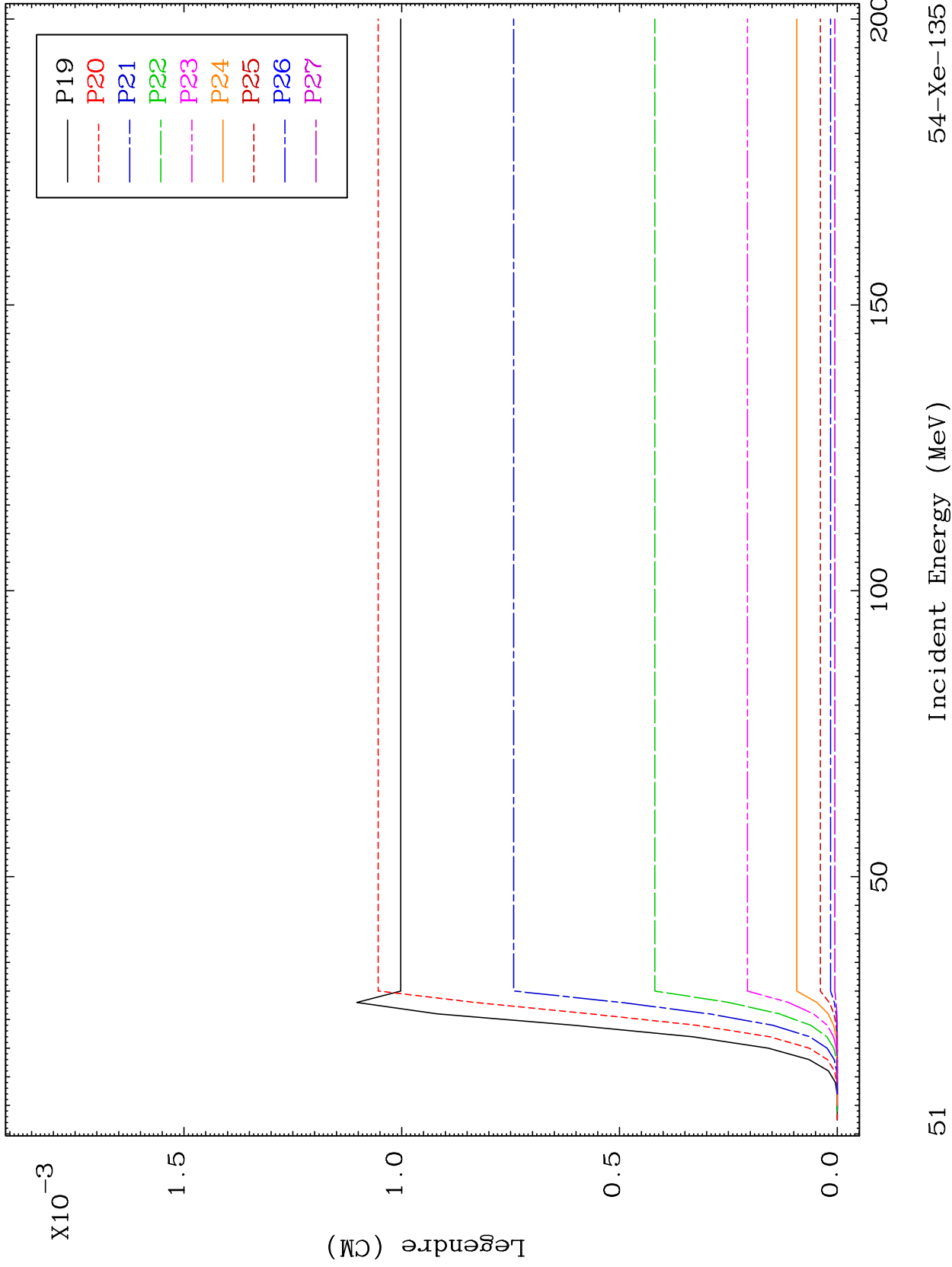
54-Xe-135



54-Xe-135

Incident Energy (MeV)

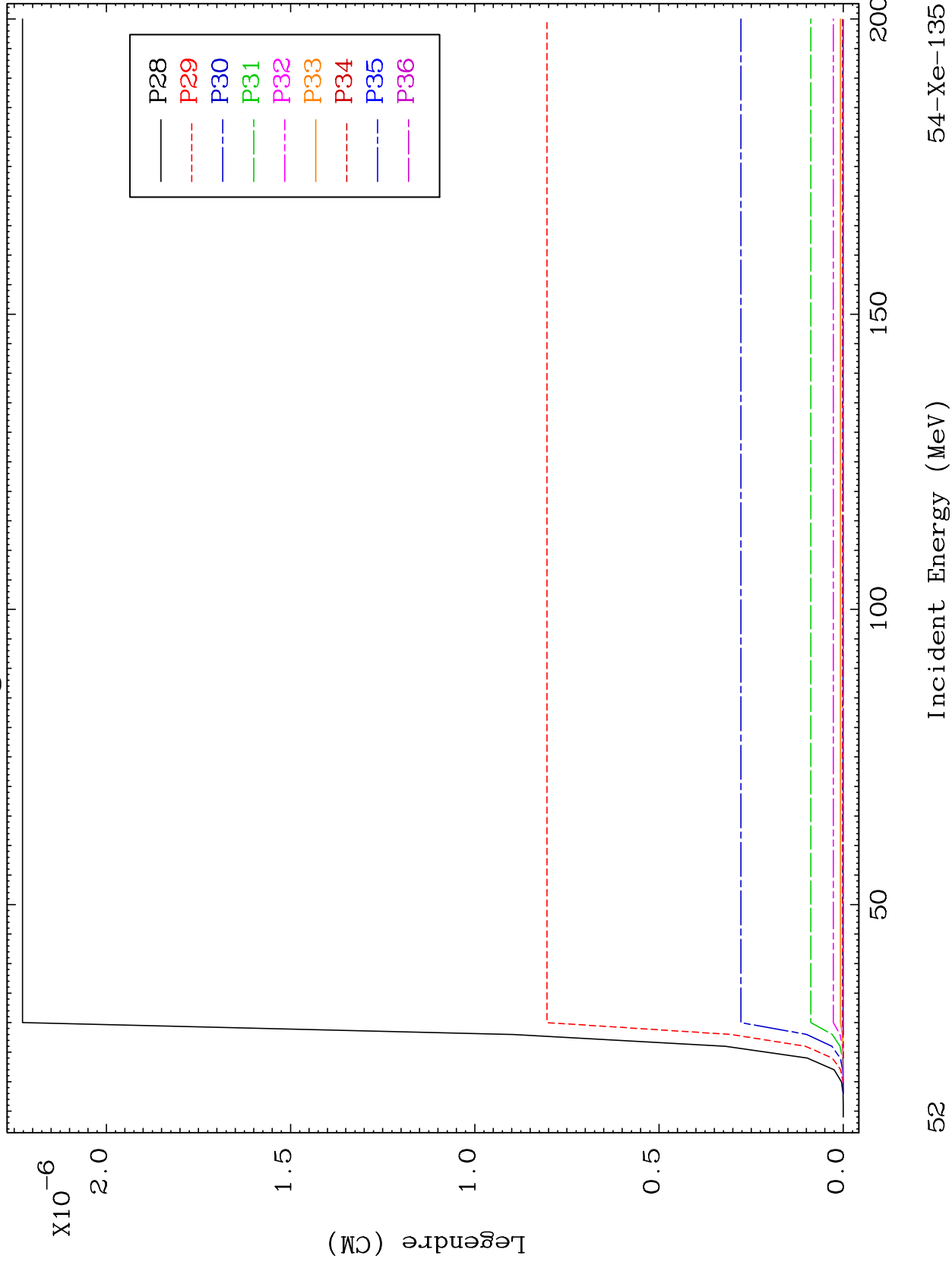
49



MAT 5458

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

54-Xe-135



52

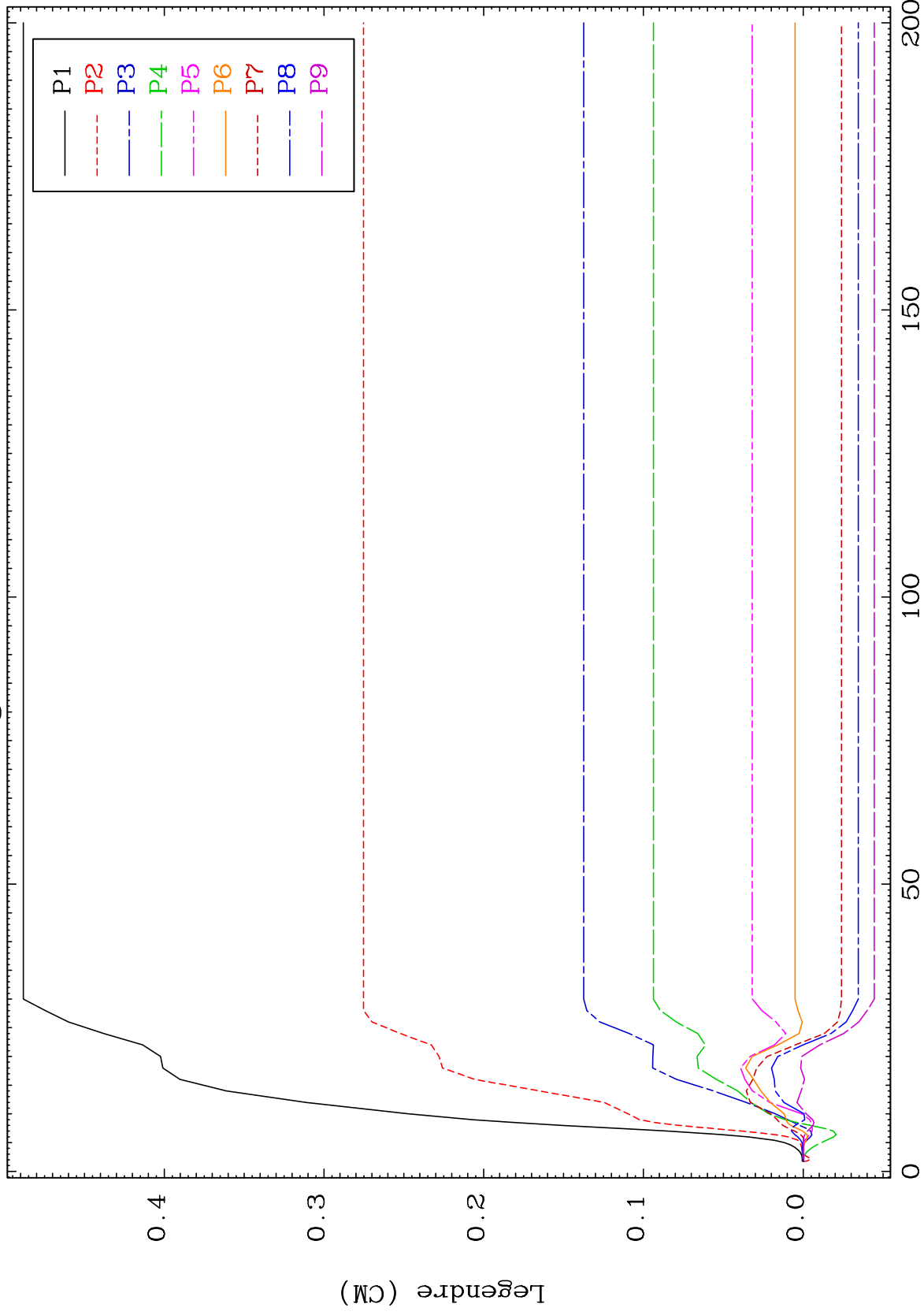
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



53

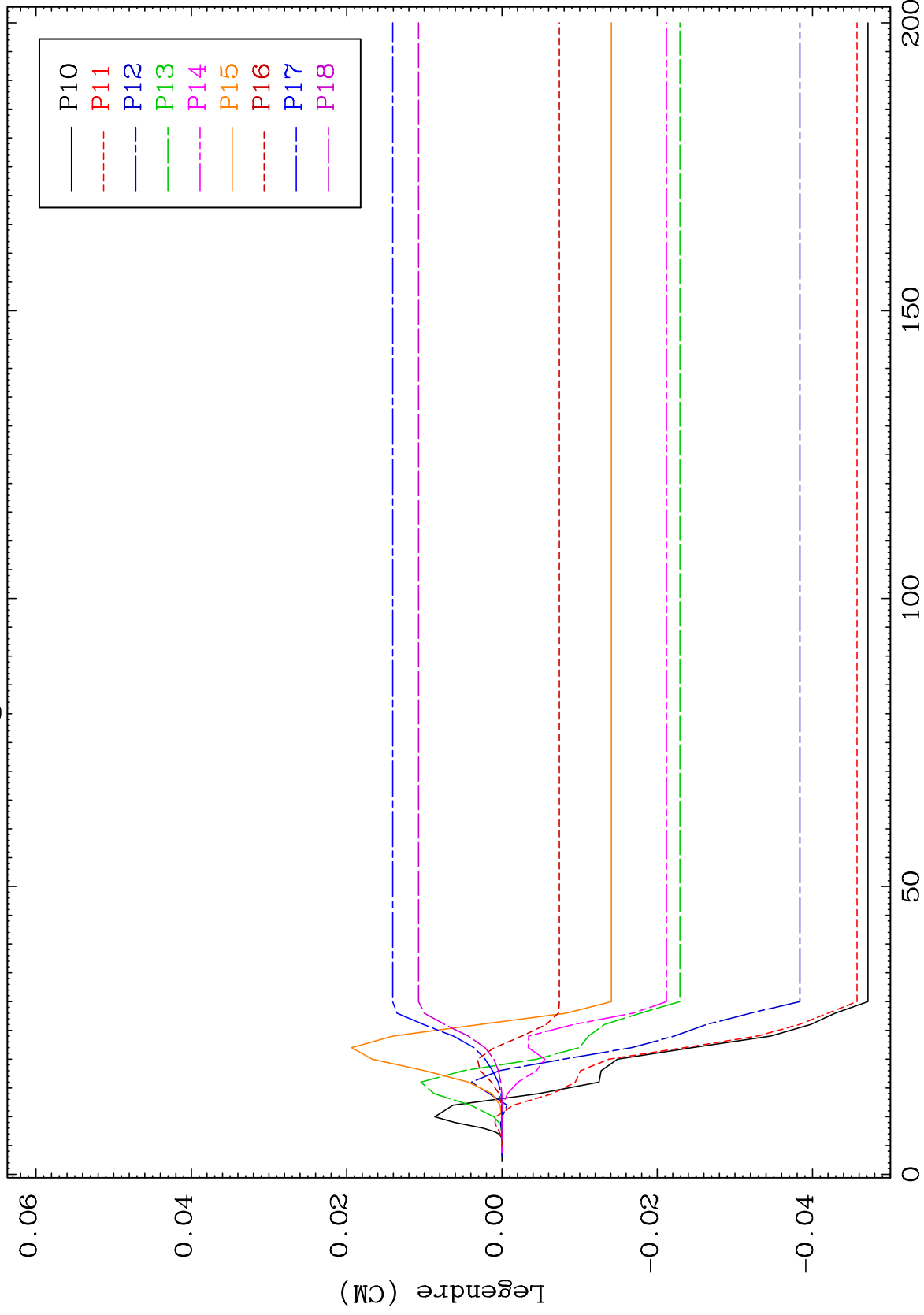
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54

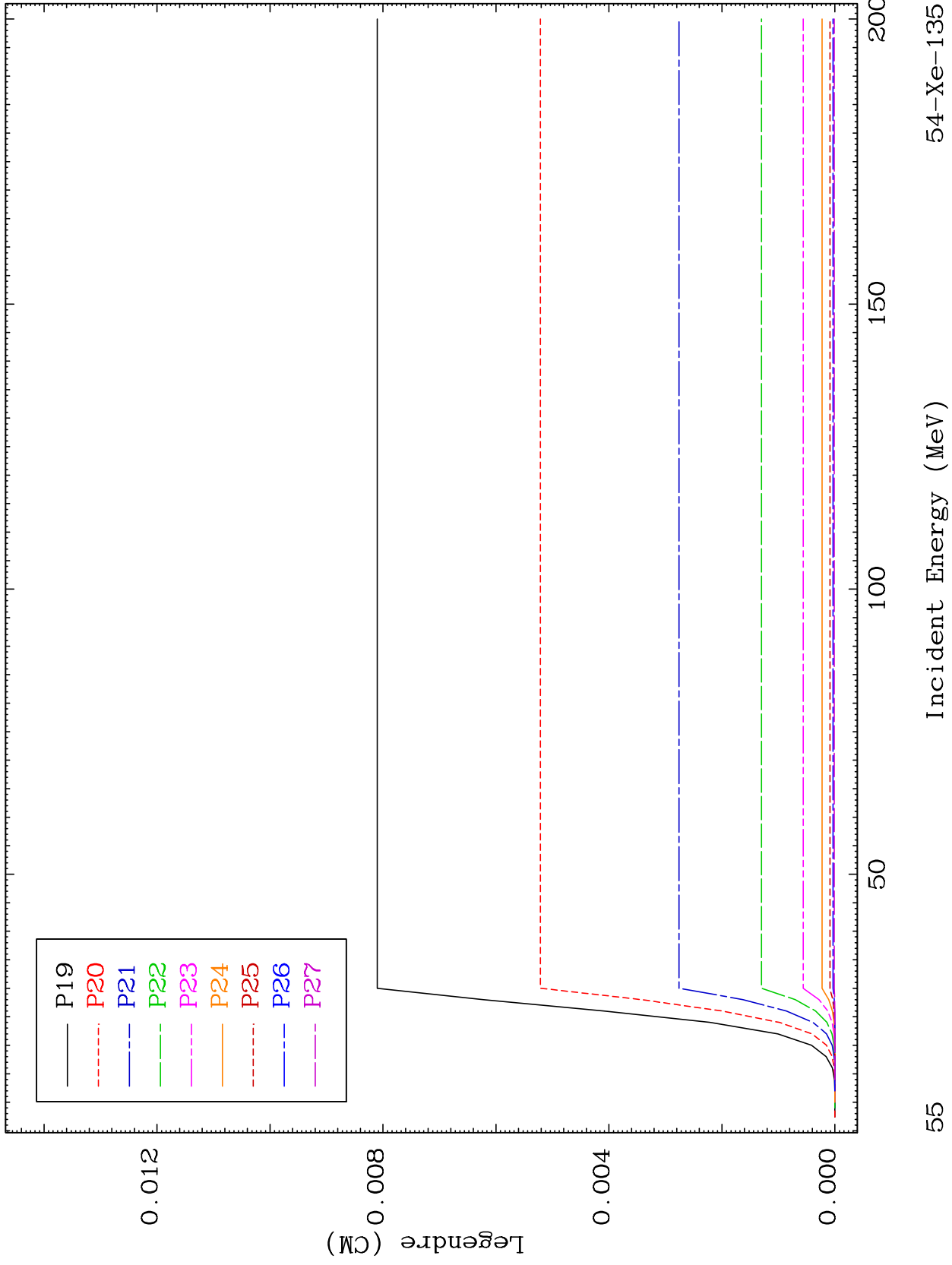
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



55

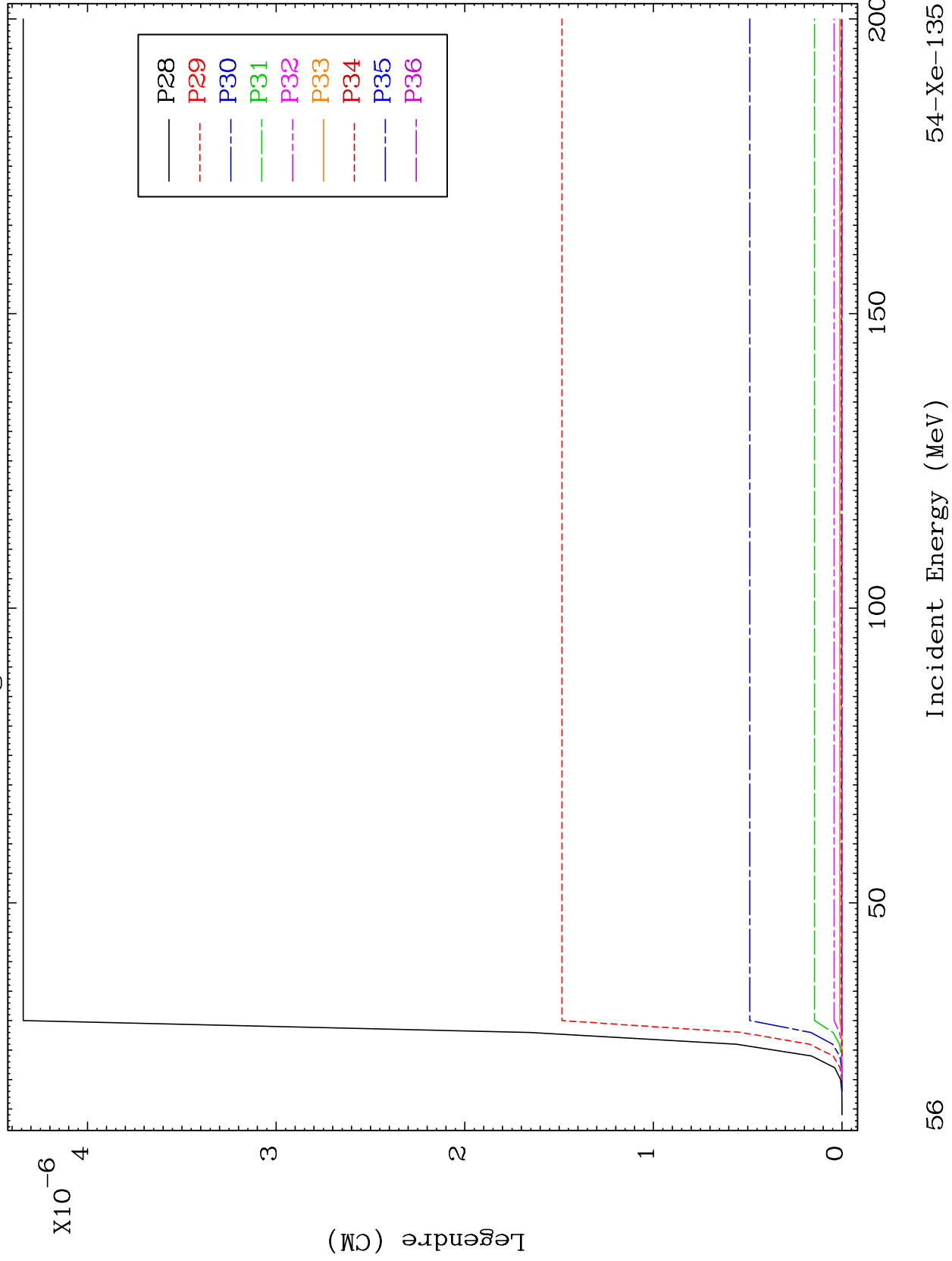
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

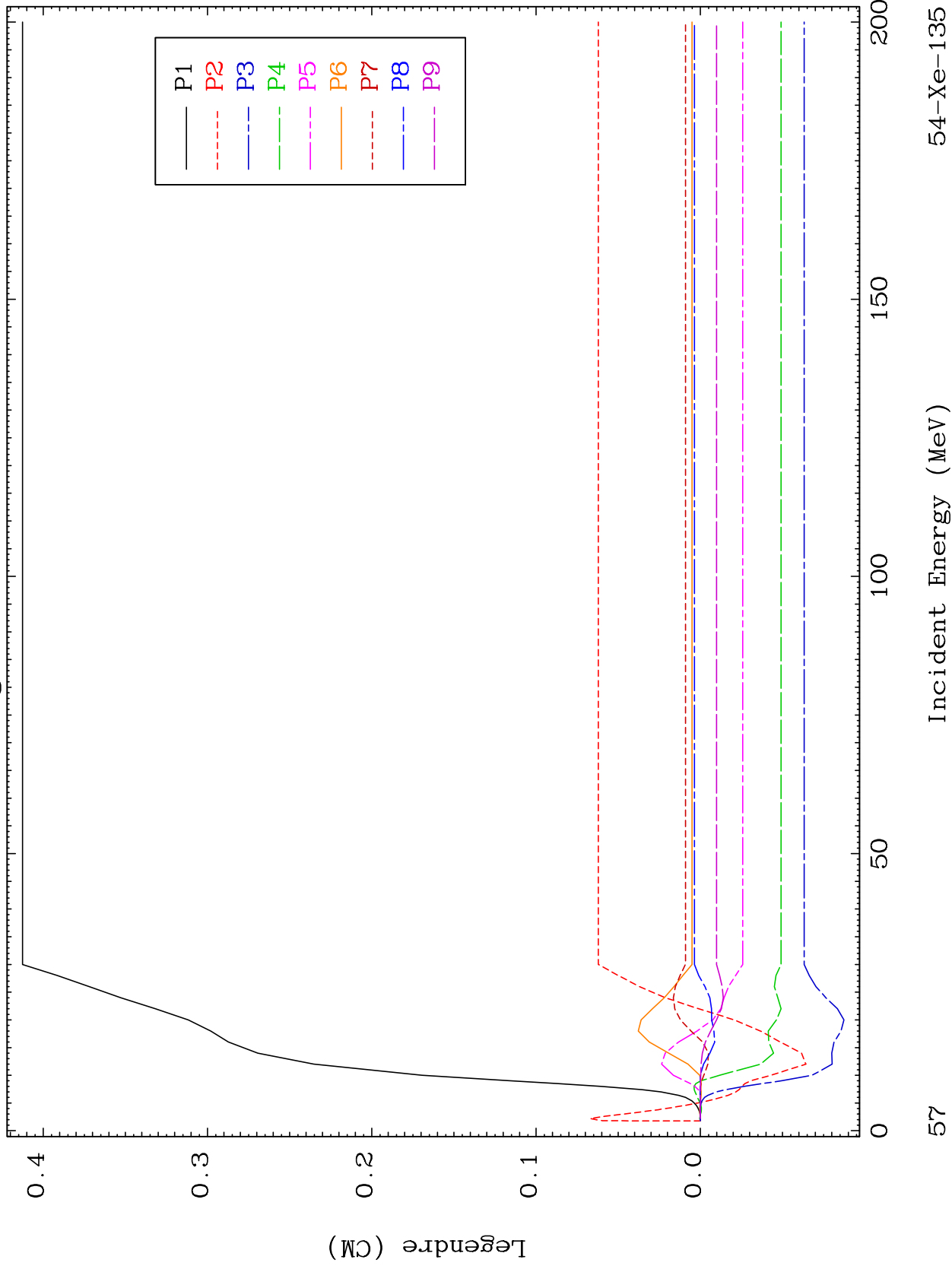
54-Xe-135



MAT 5458

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

54-Xe-135



54-Xe-135

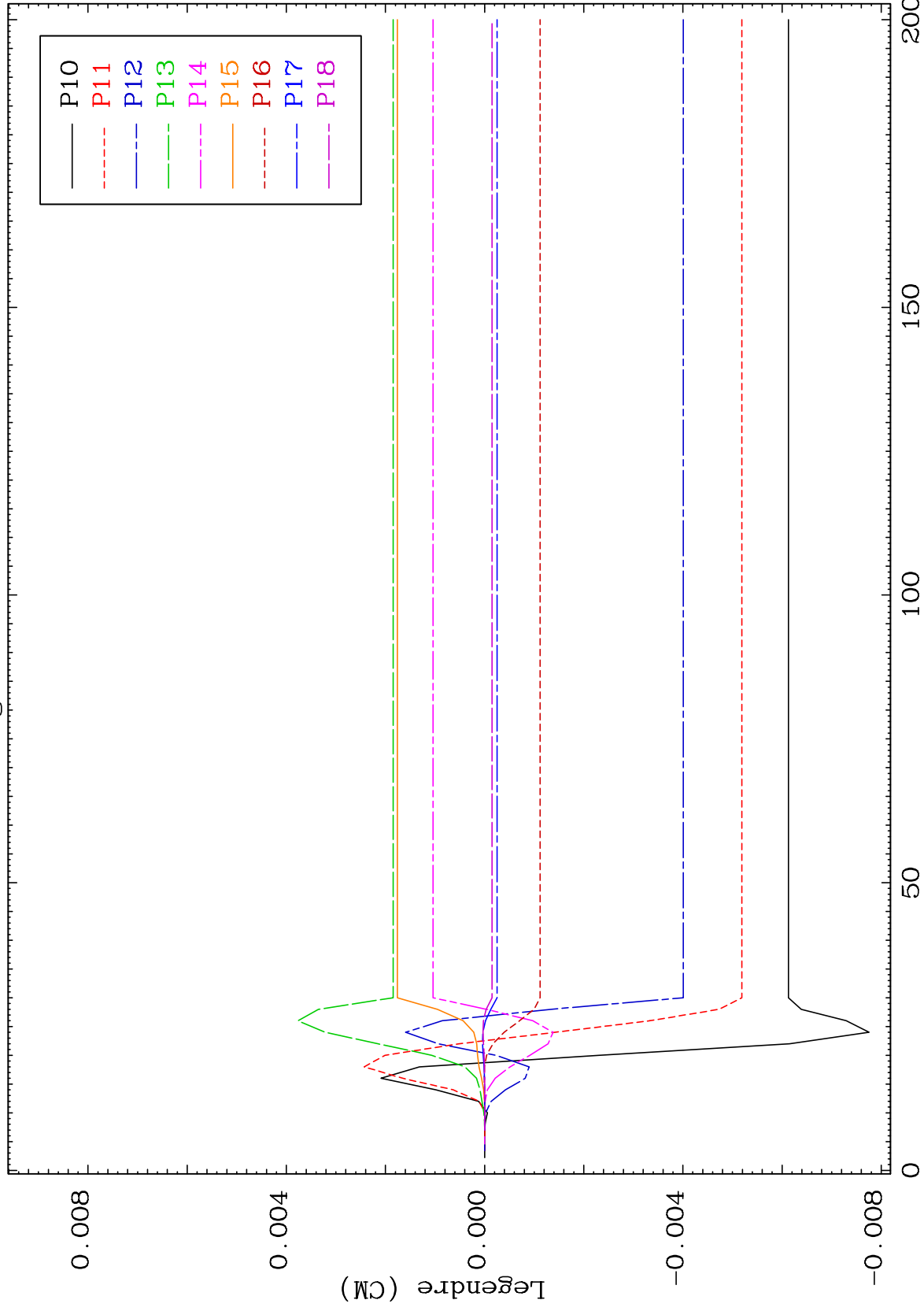
Incident Energy (MeV)

57

MAT 5458

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

54-Xe-135



58

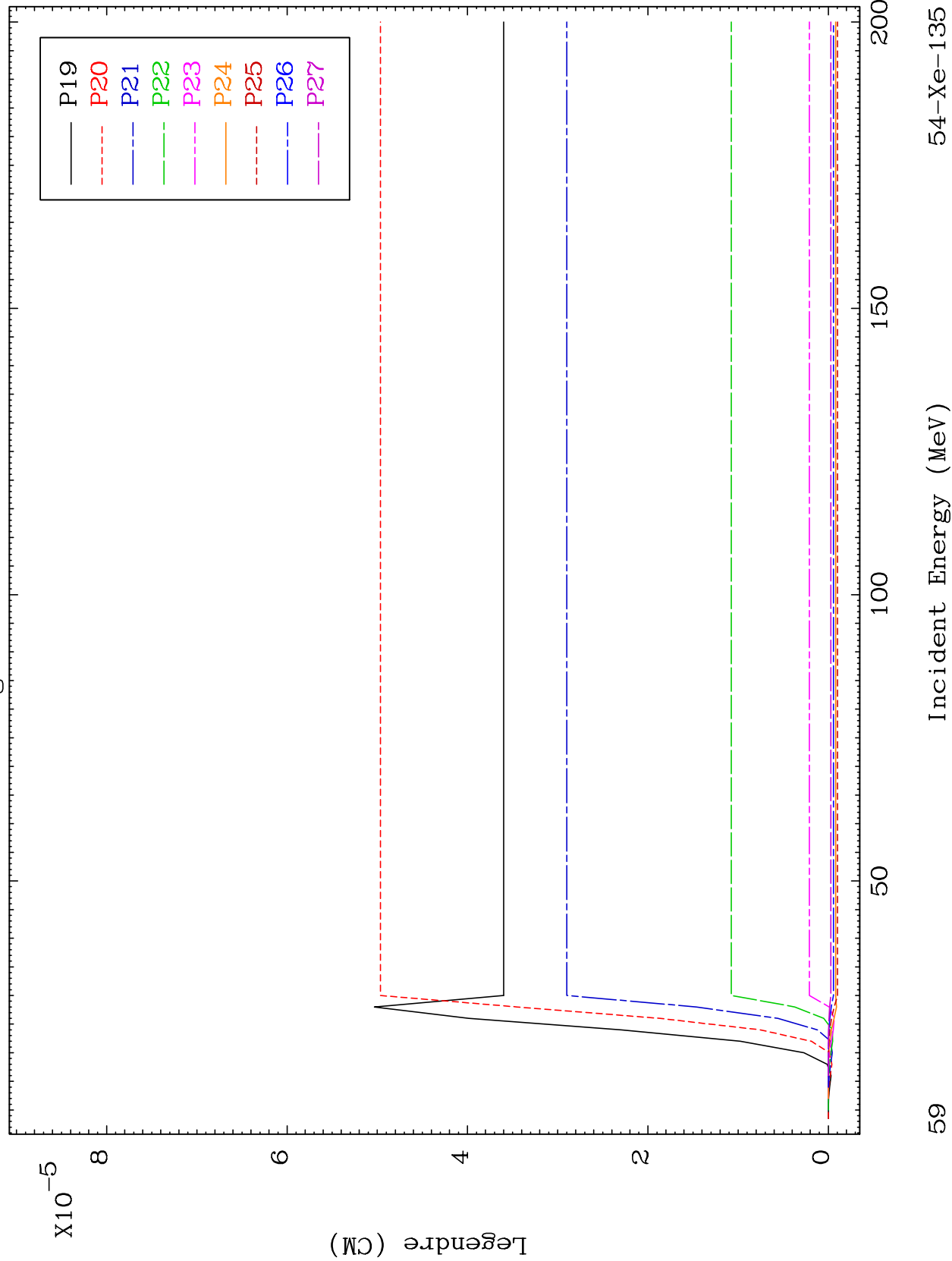
Incident Energy (MeV)

54-Xe-135

MAT 5458

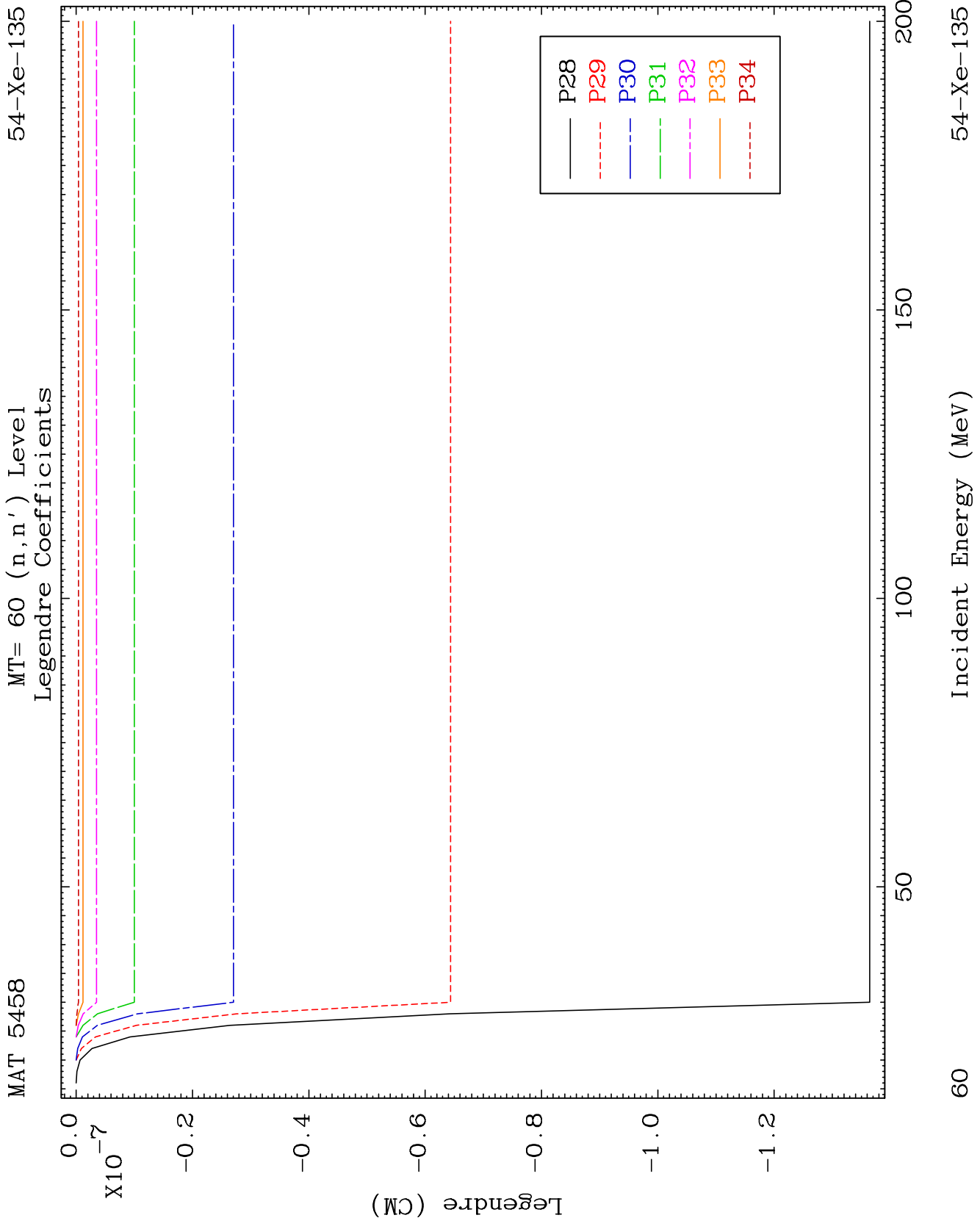
MT= 60 (n,n') Level
Legendre Coefficients

54-Xe-135



59

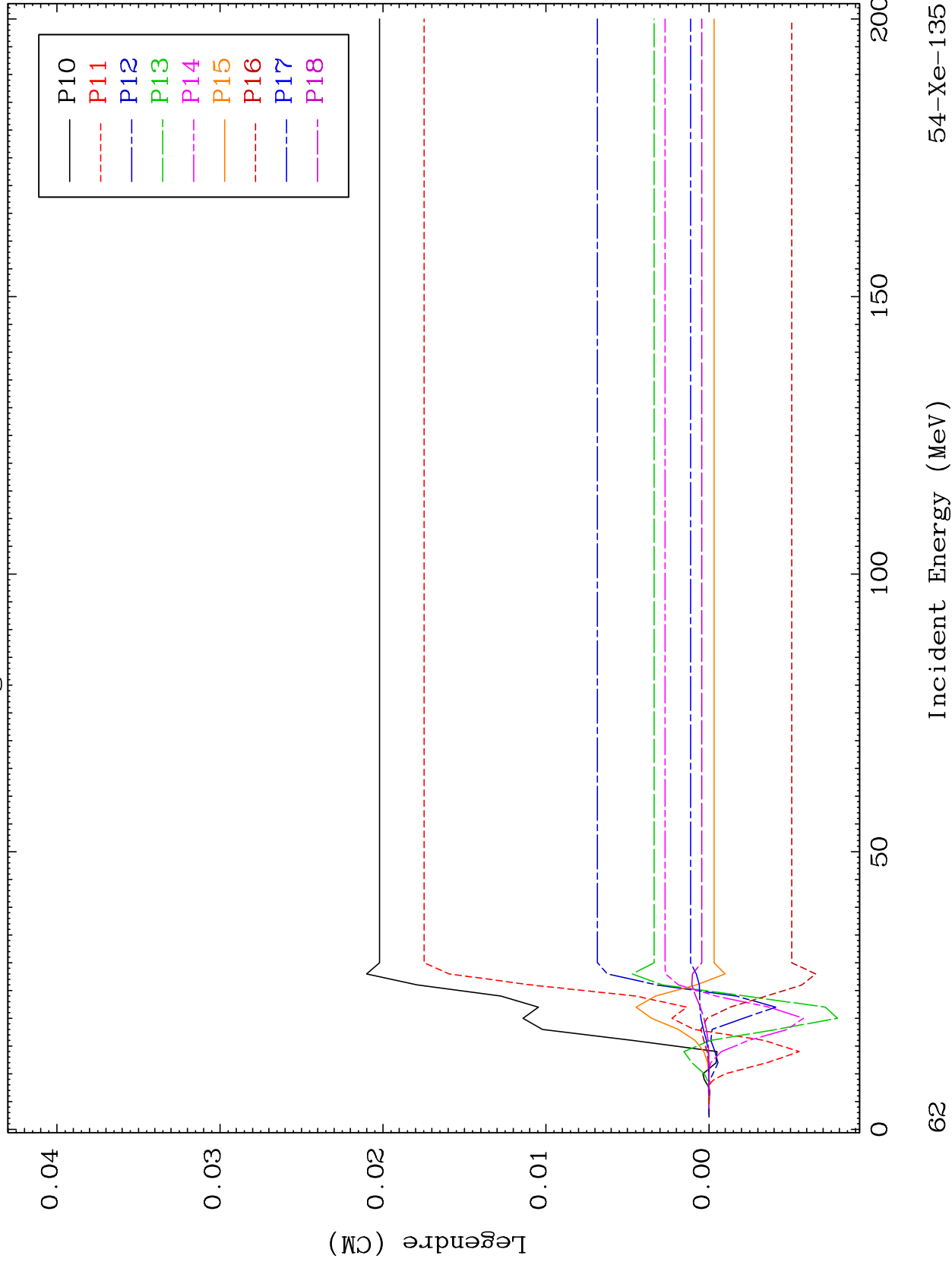
54-Xe-135



MAT 5458

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

54-Xe-135



54-Xe-135

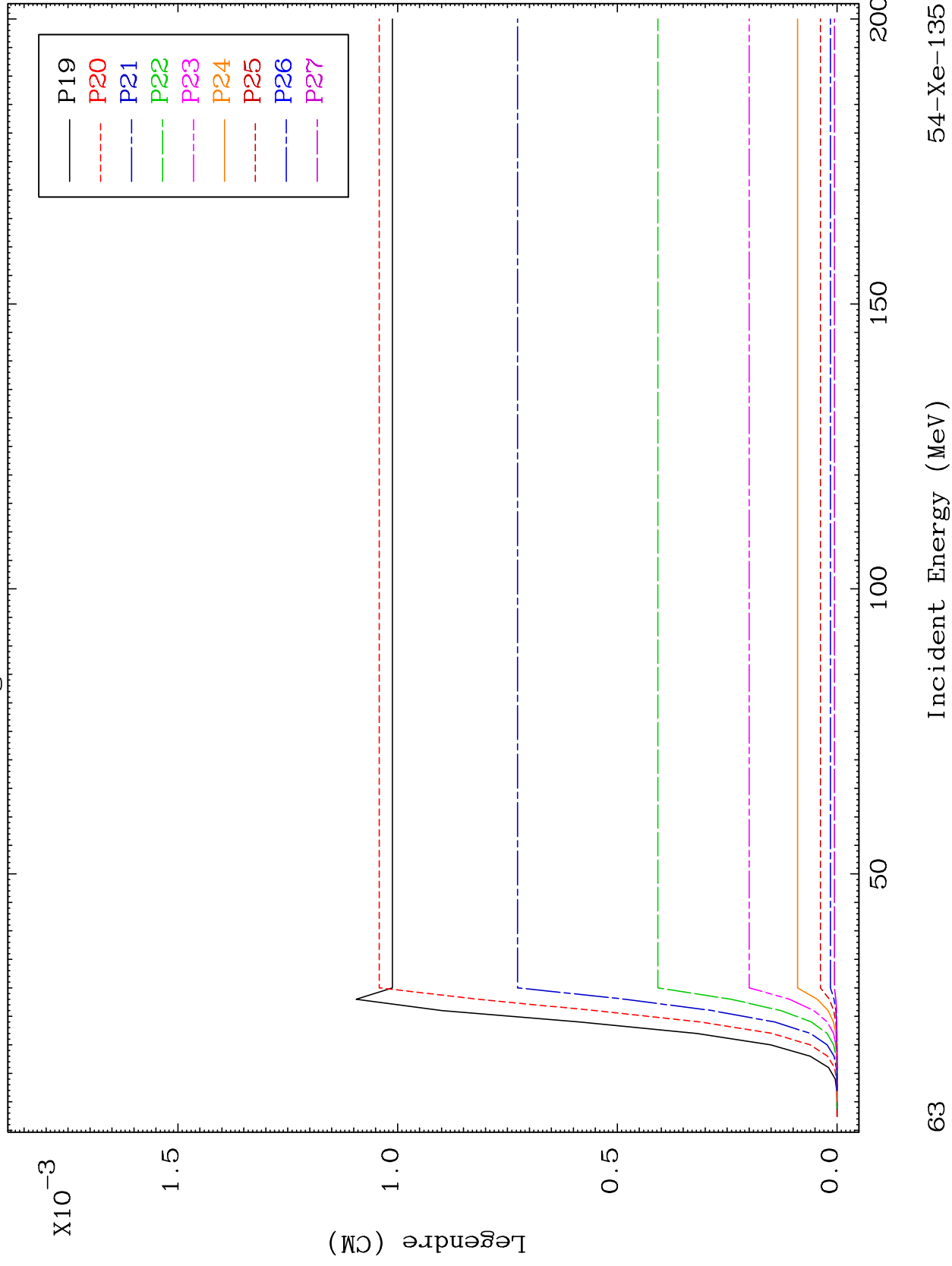
Incident Energy (MeV)

62

MAT 5458

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

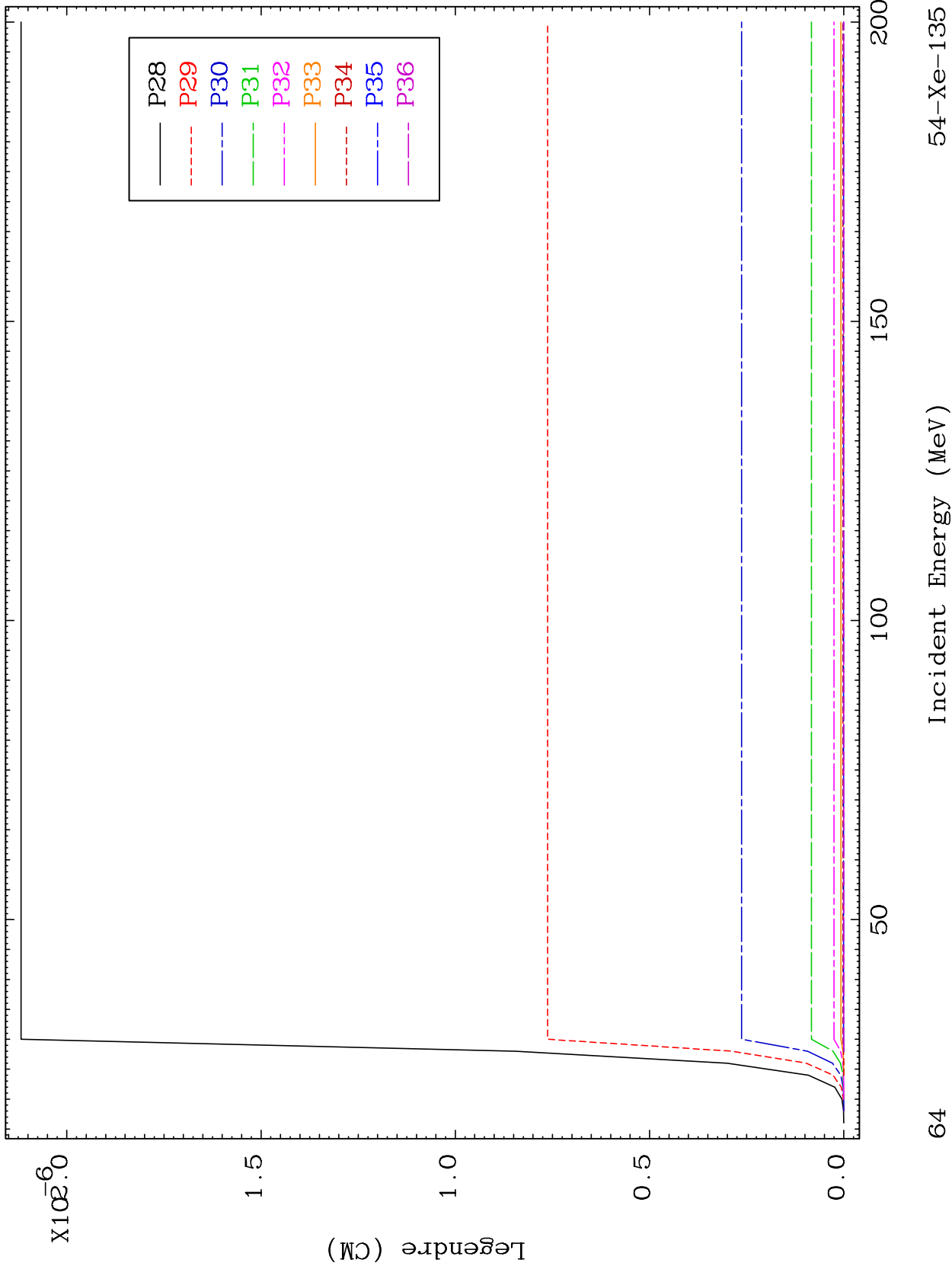
54-Xe-135



MAT 5458

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

54-Xe-135



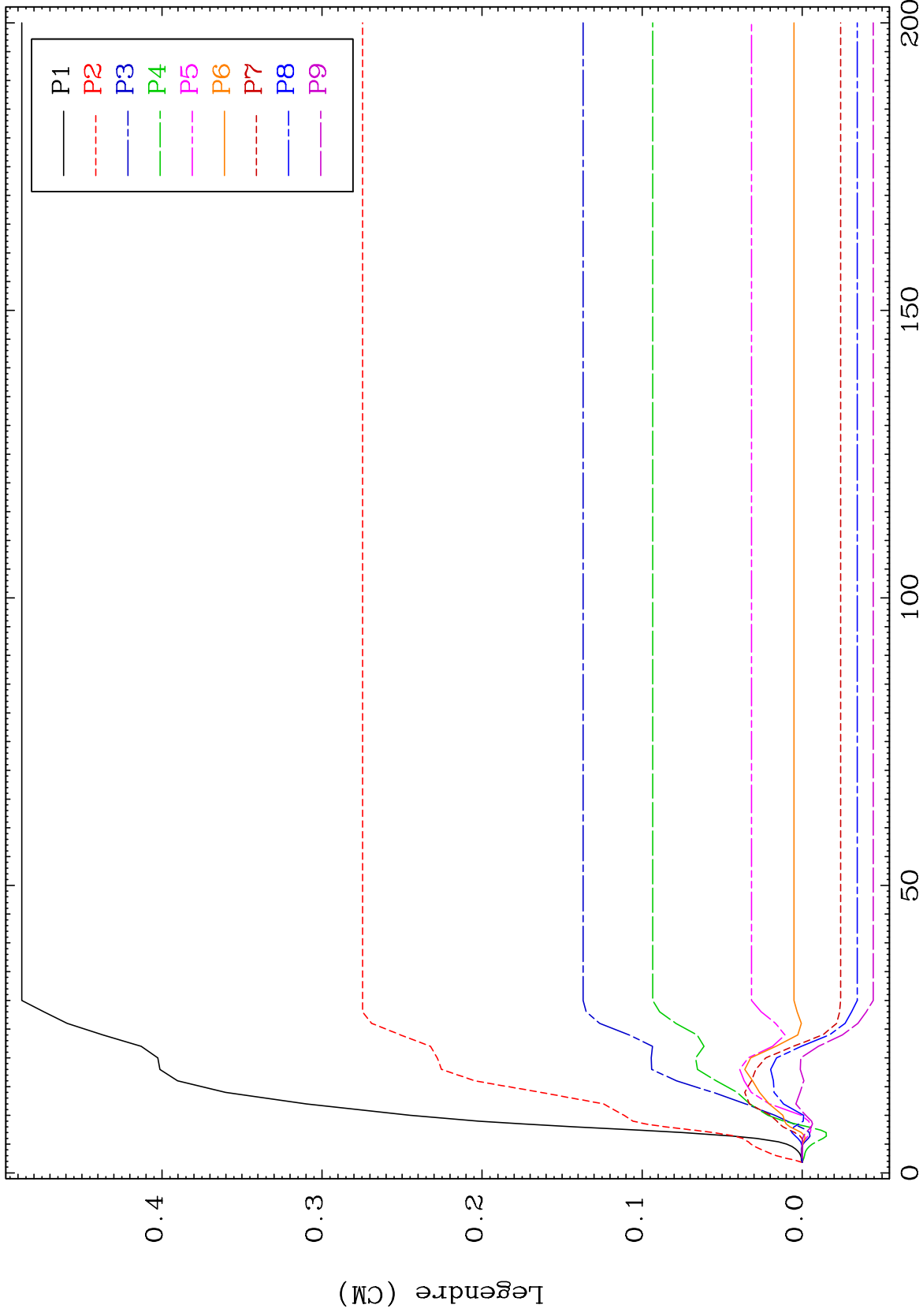
64

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

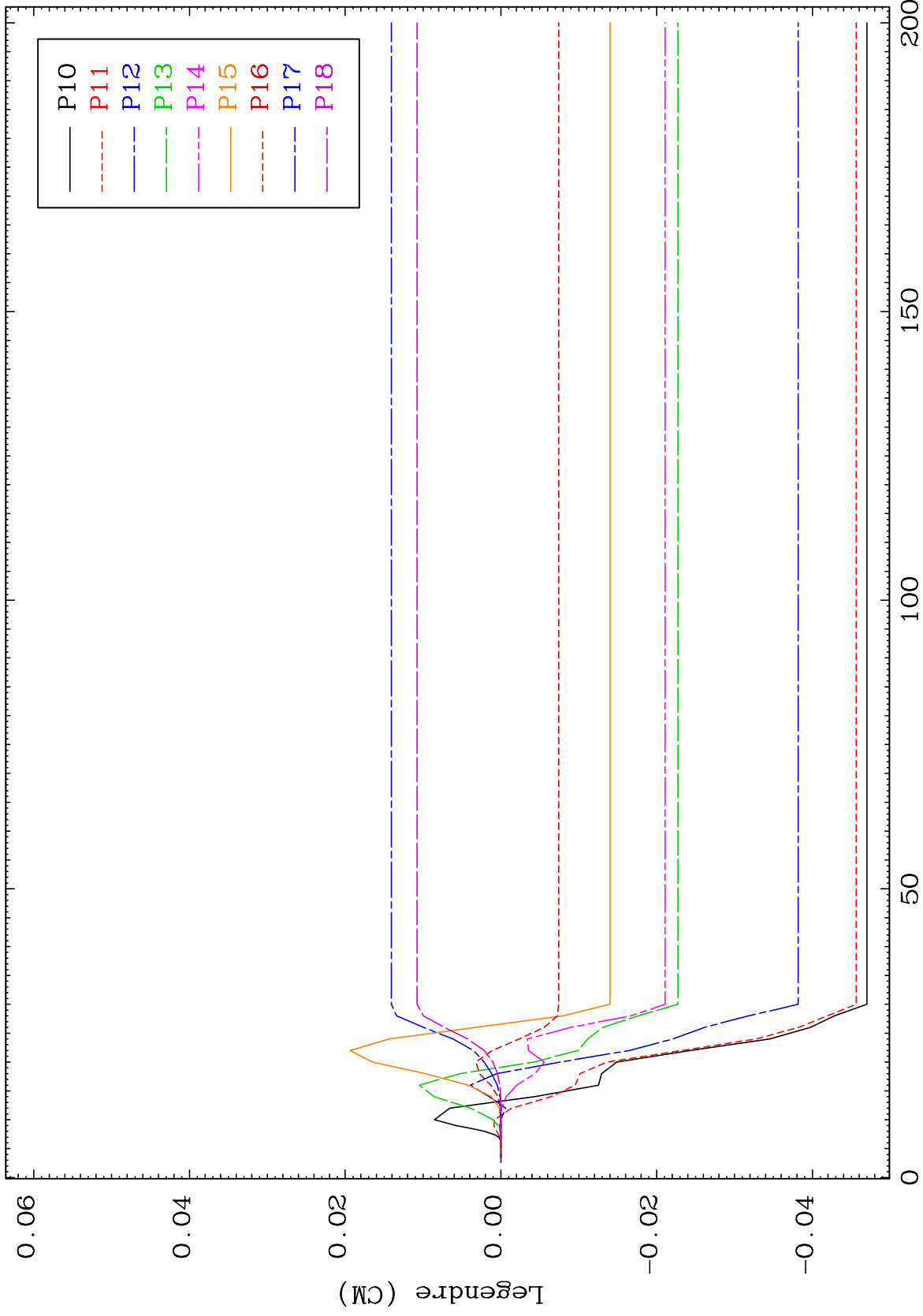
Incident Energy (MeV)

65

MAT 5458

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

54-Xe-135



66

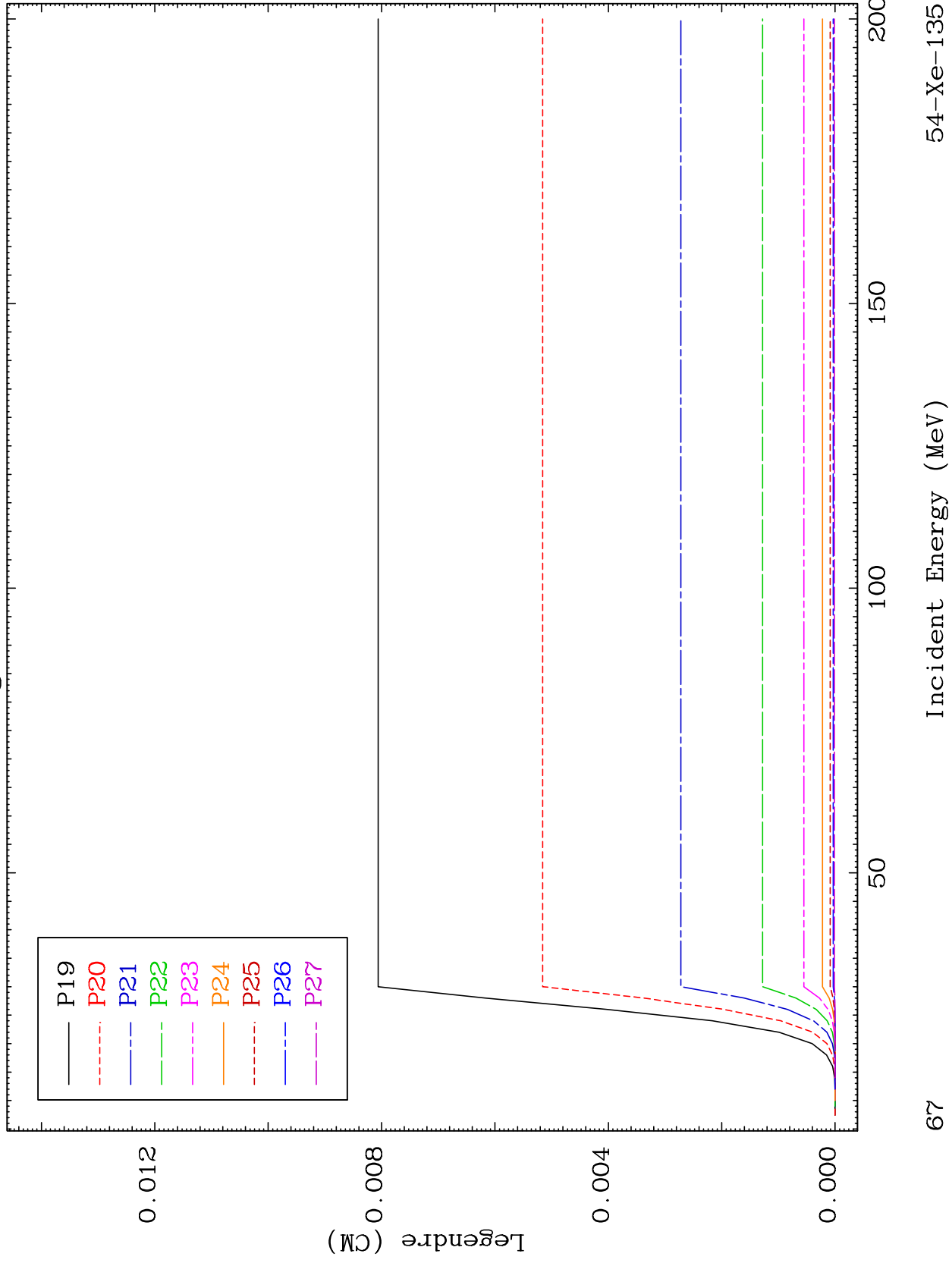
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



67

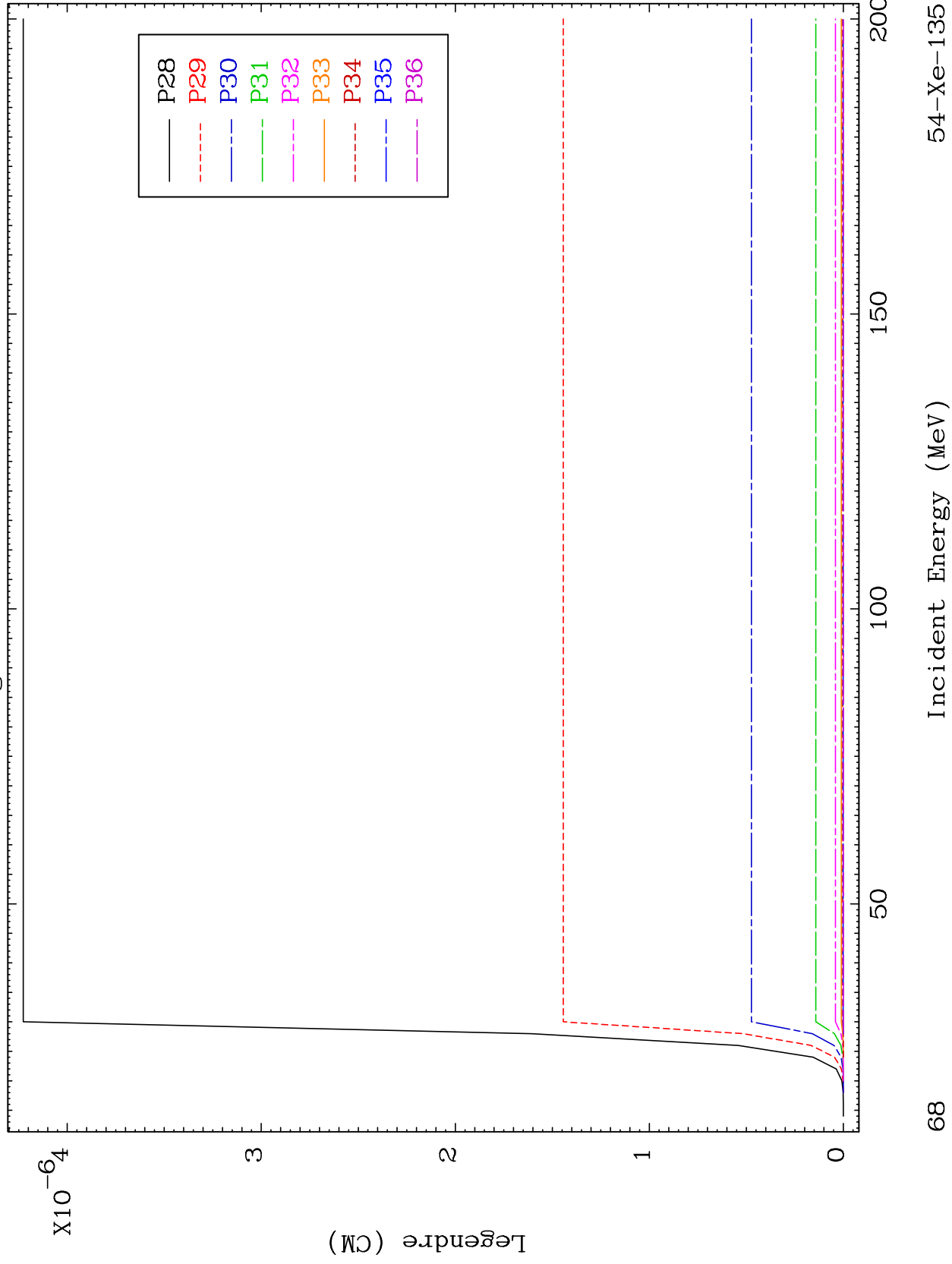
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

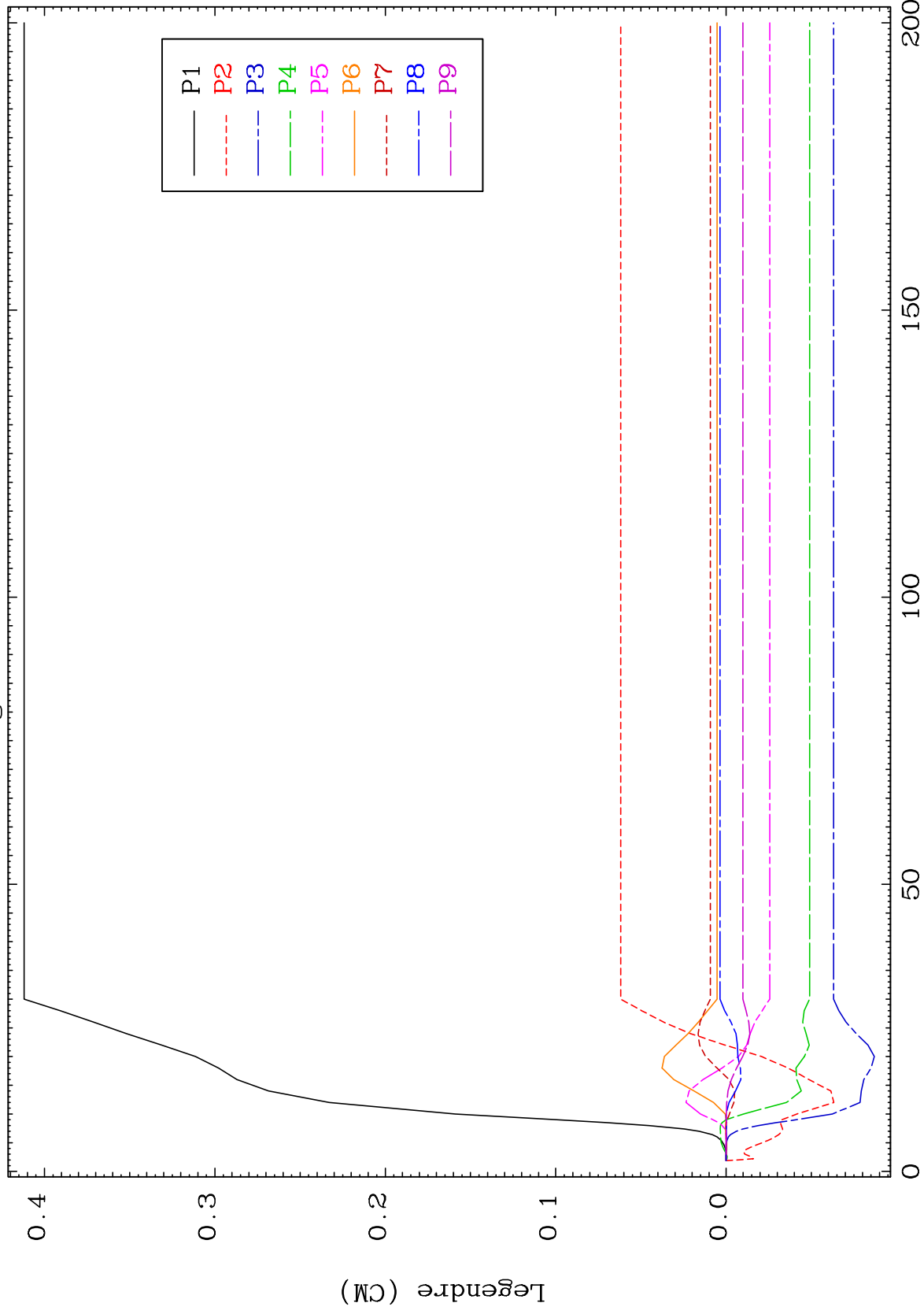
54-Xe-135



MAT 5458

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

54-Xe-135



69

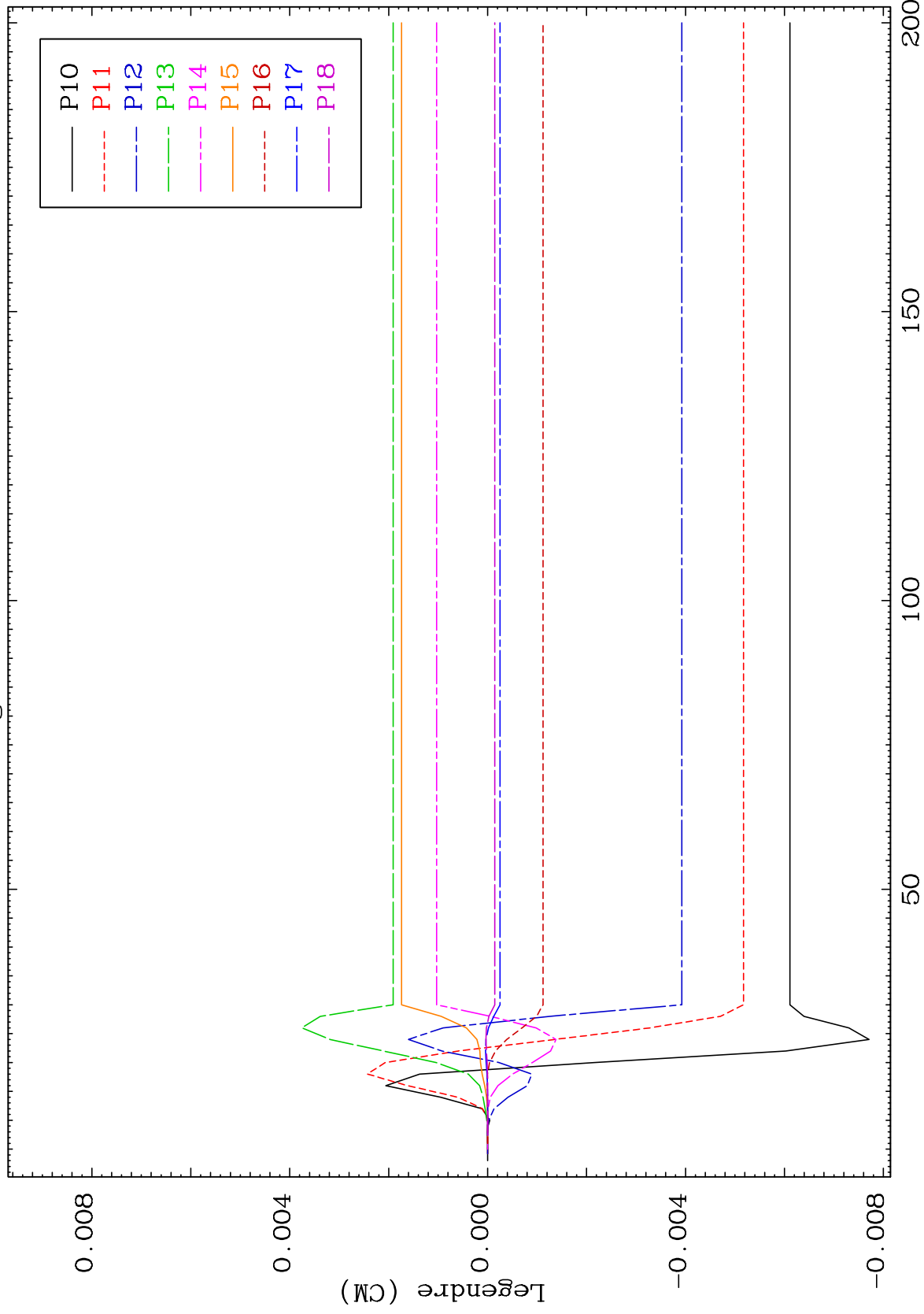
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



70

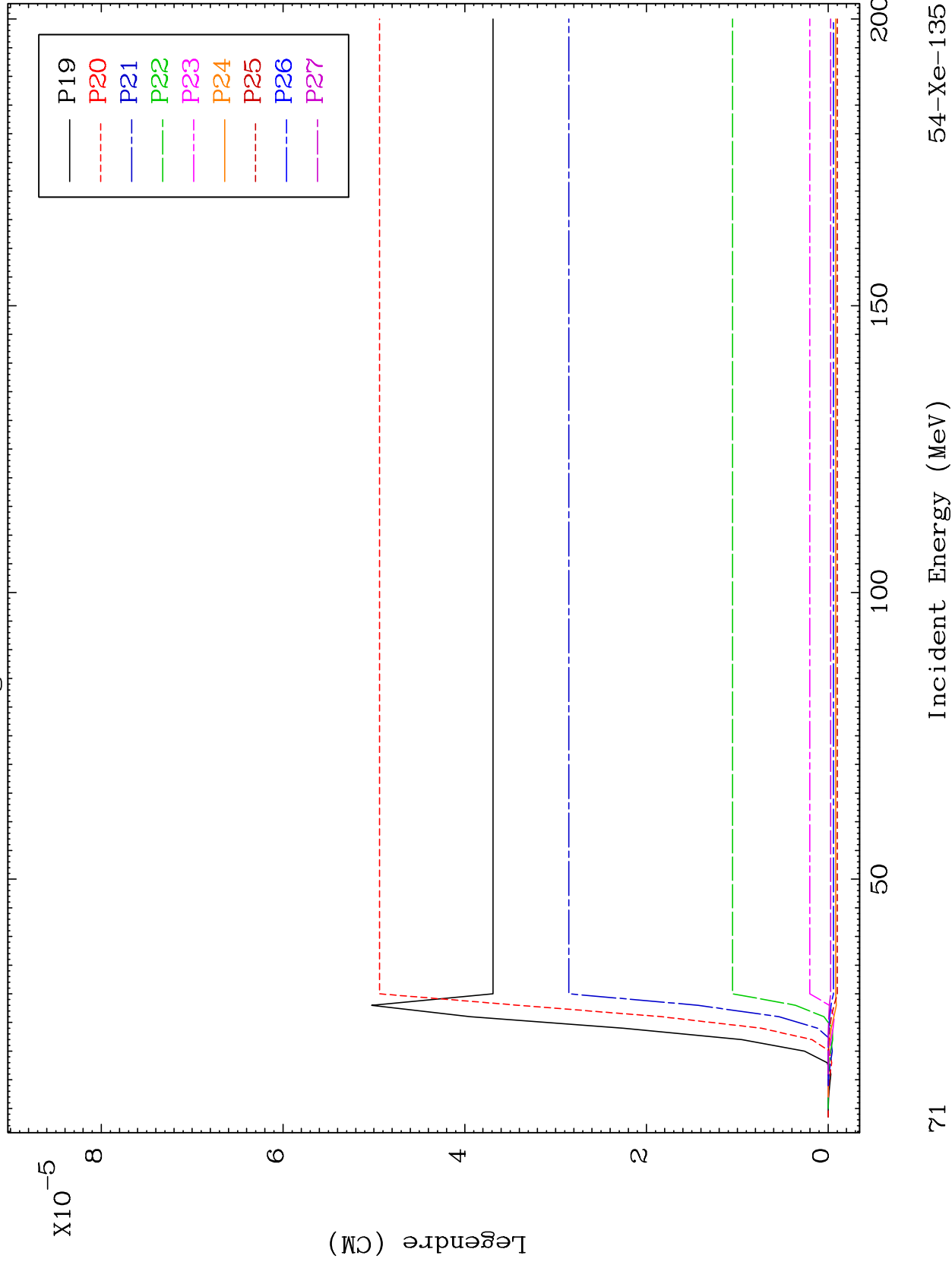
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



71

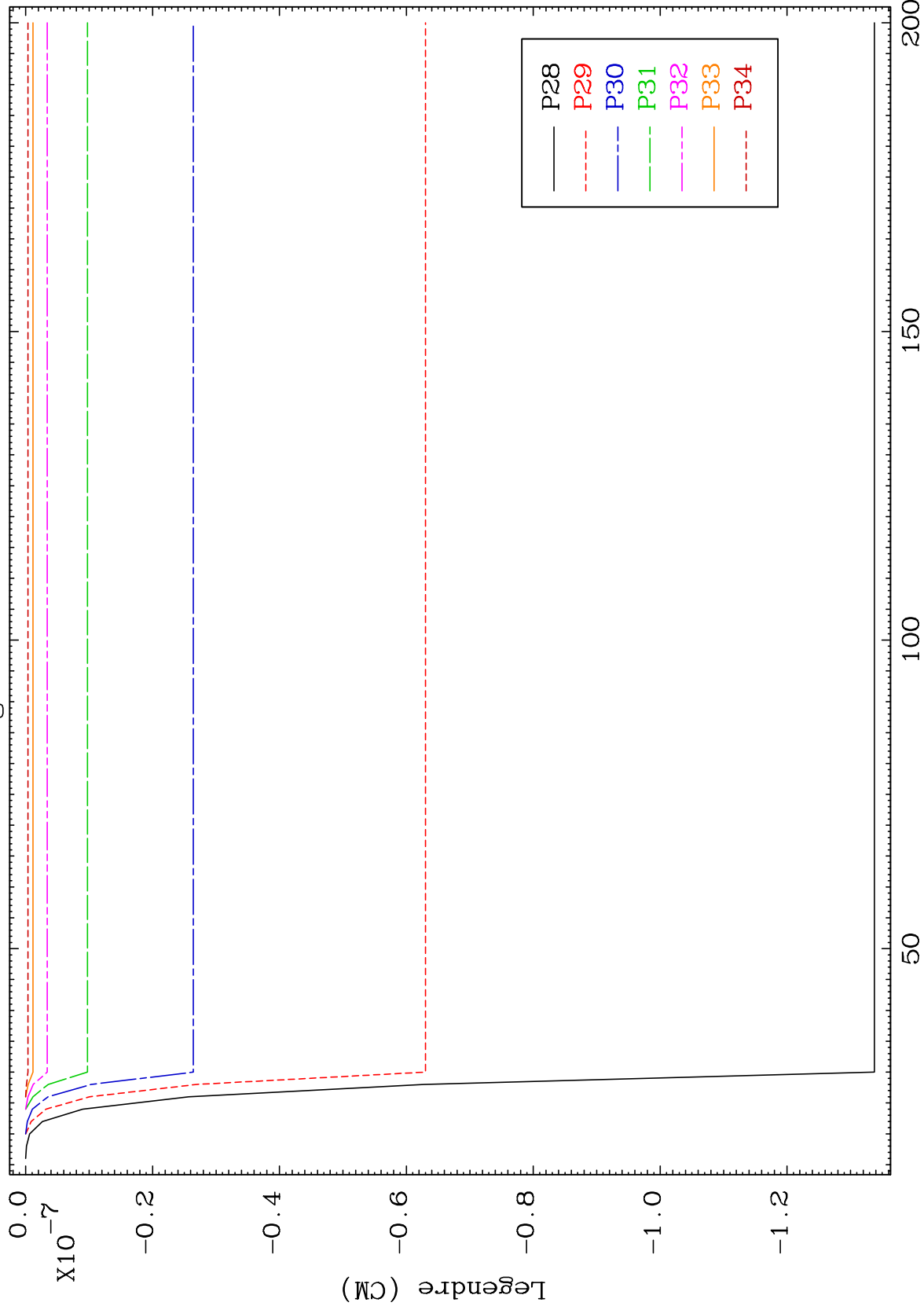
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



72

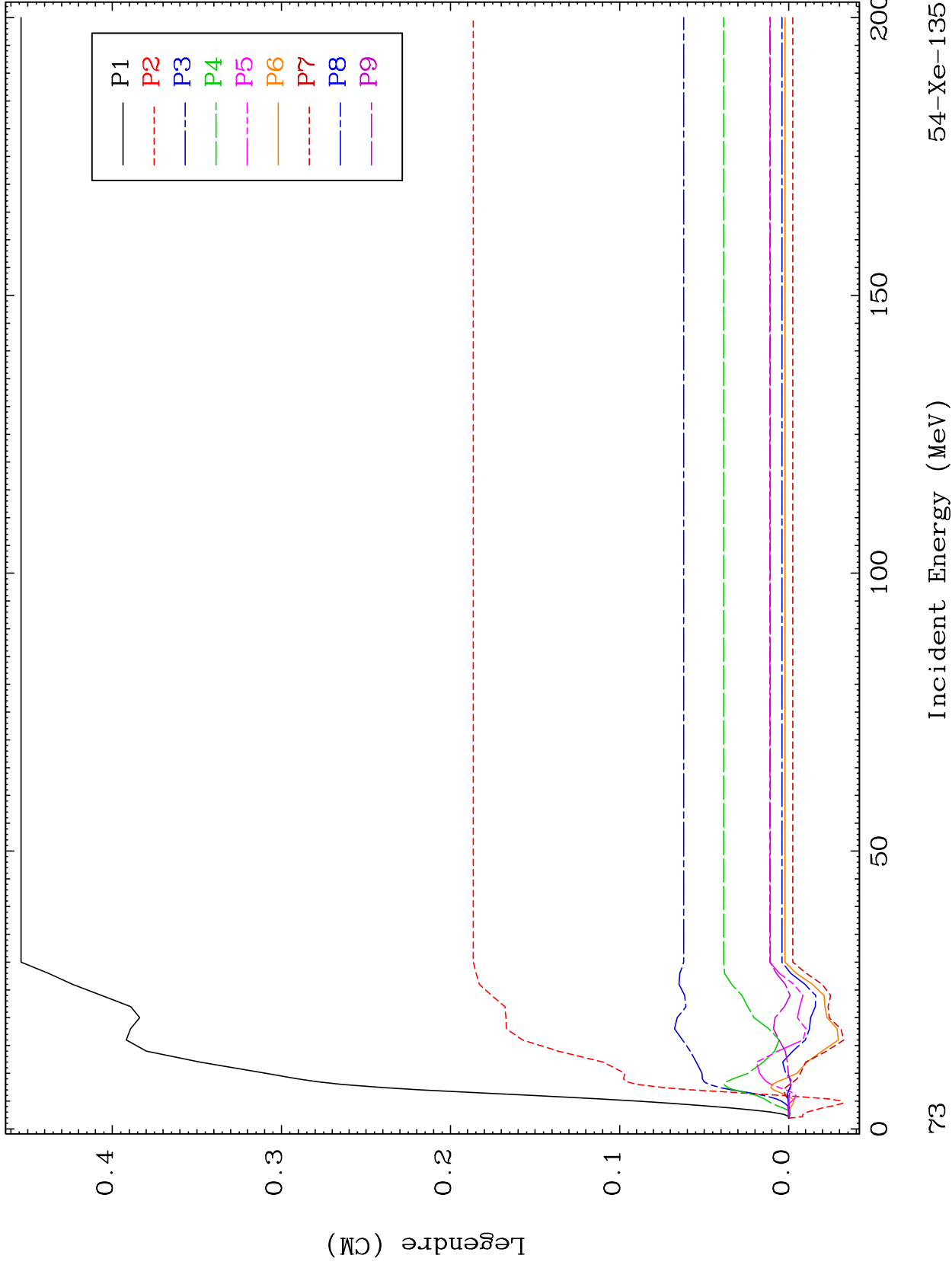
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

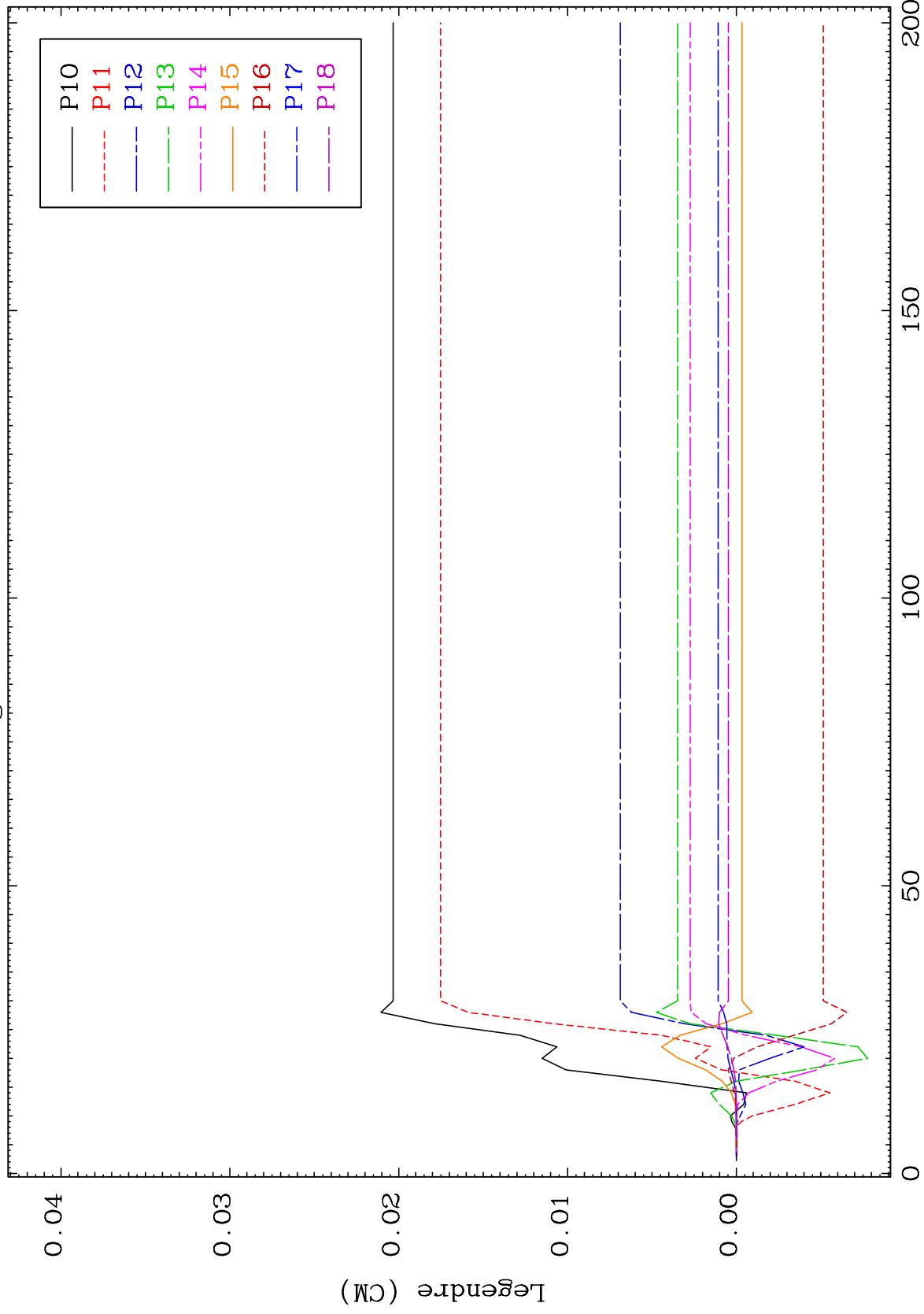
54-Xe-135



MAT 5458

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

54-Xe-135



74

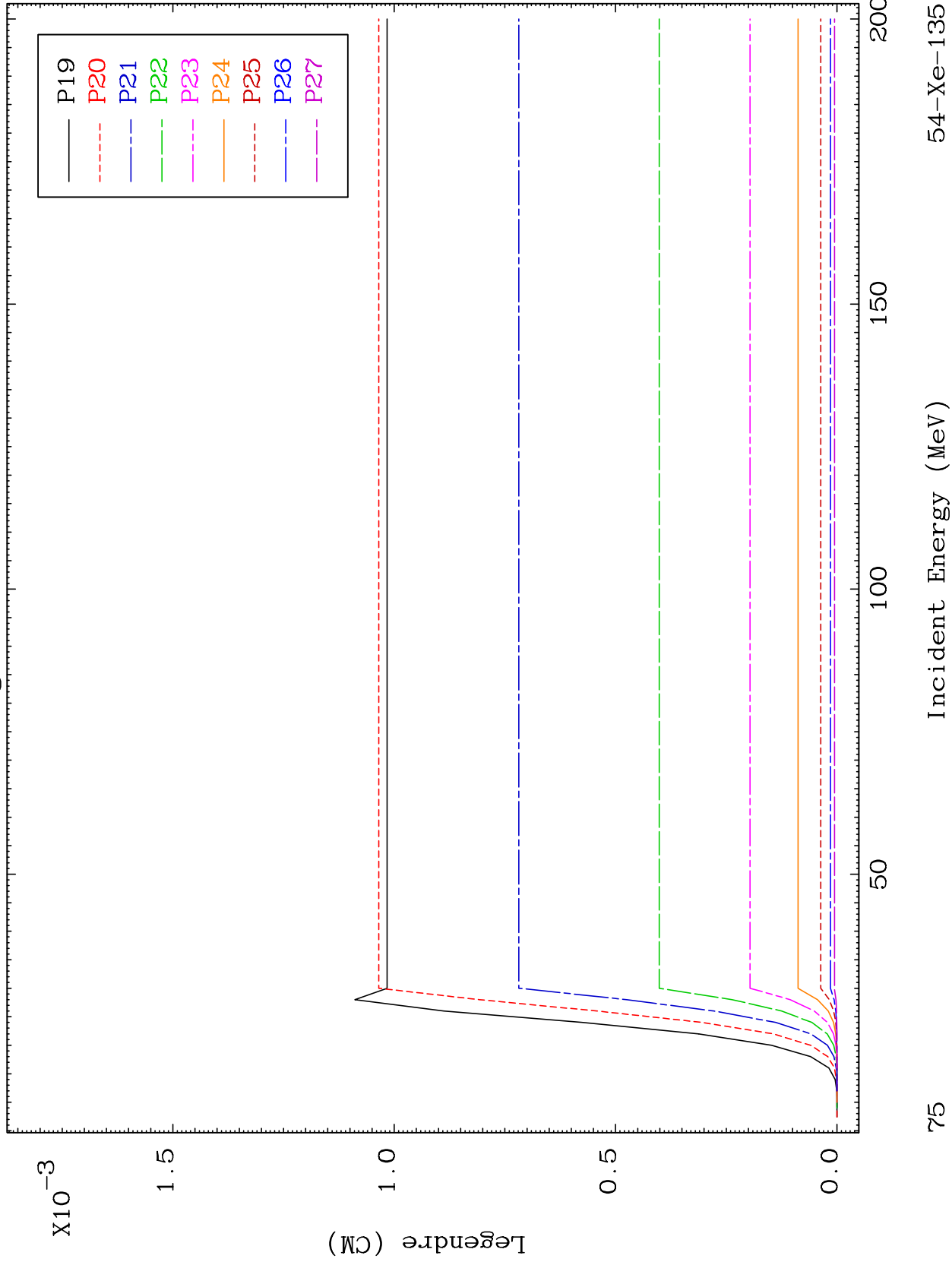
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

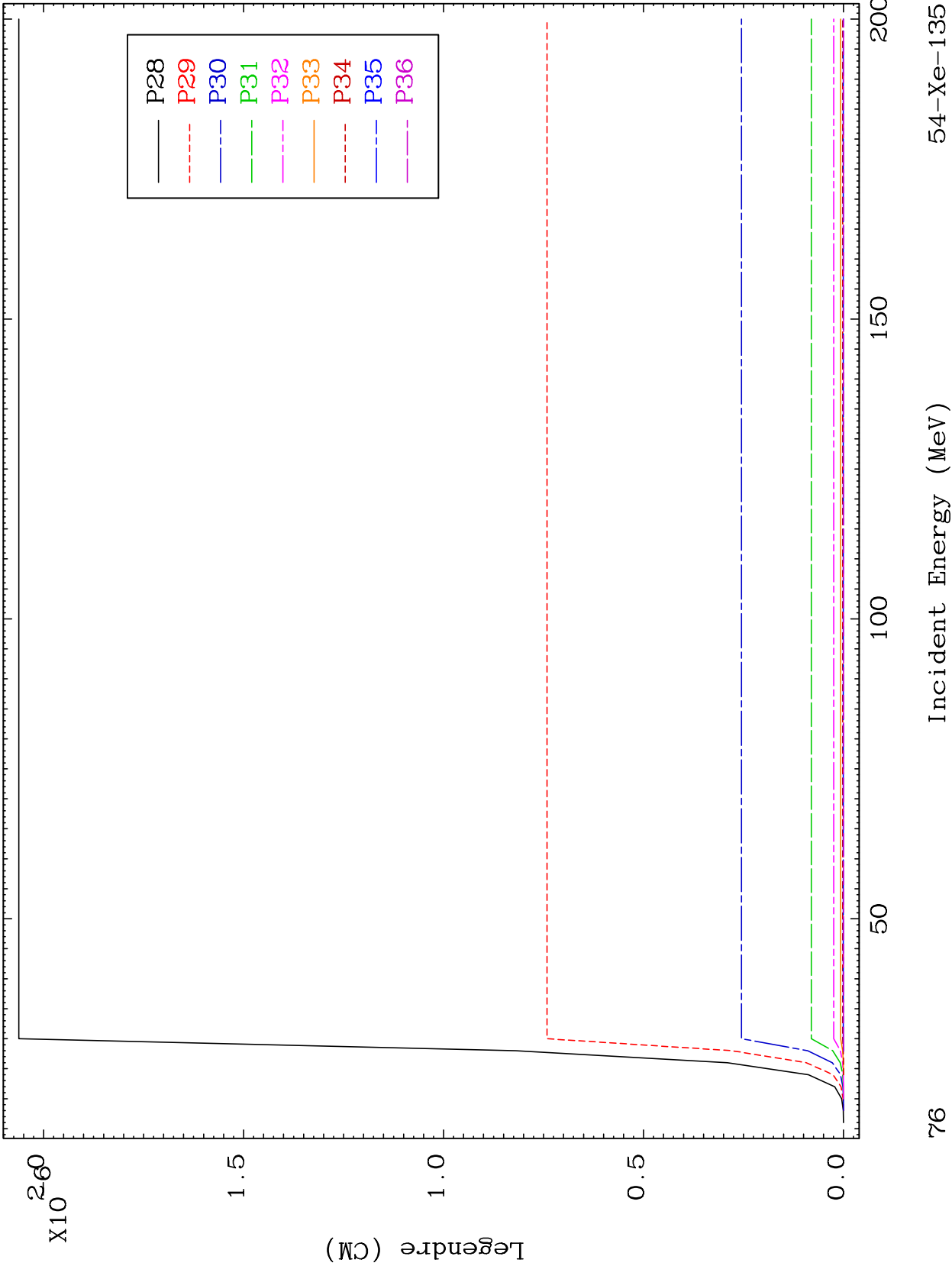
Incident Energy (MeV)

75

MAT 5458

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

54-Xe-135



76

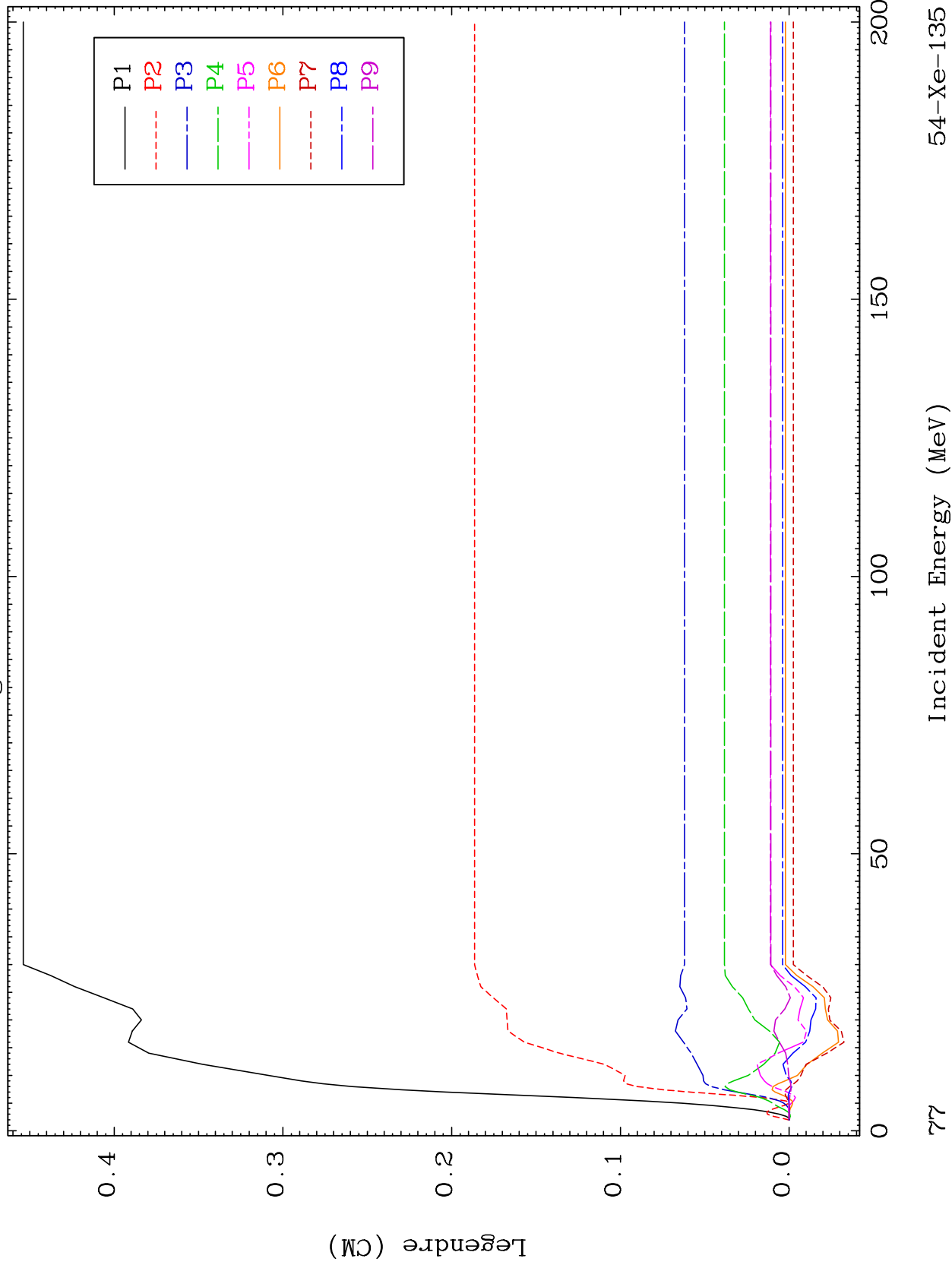
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

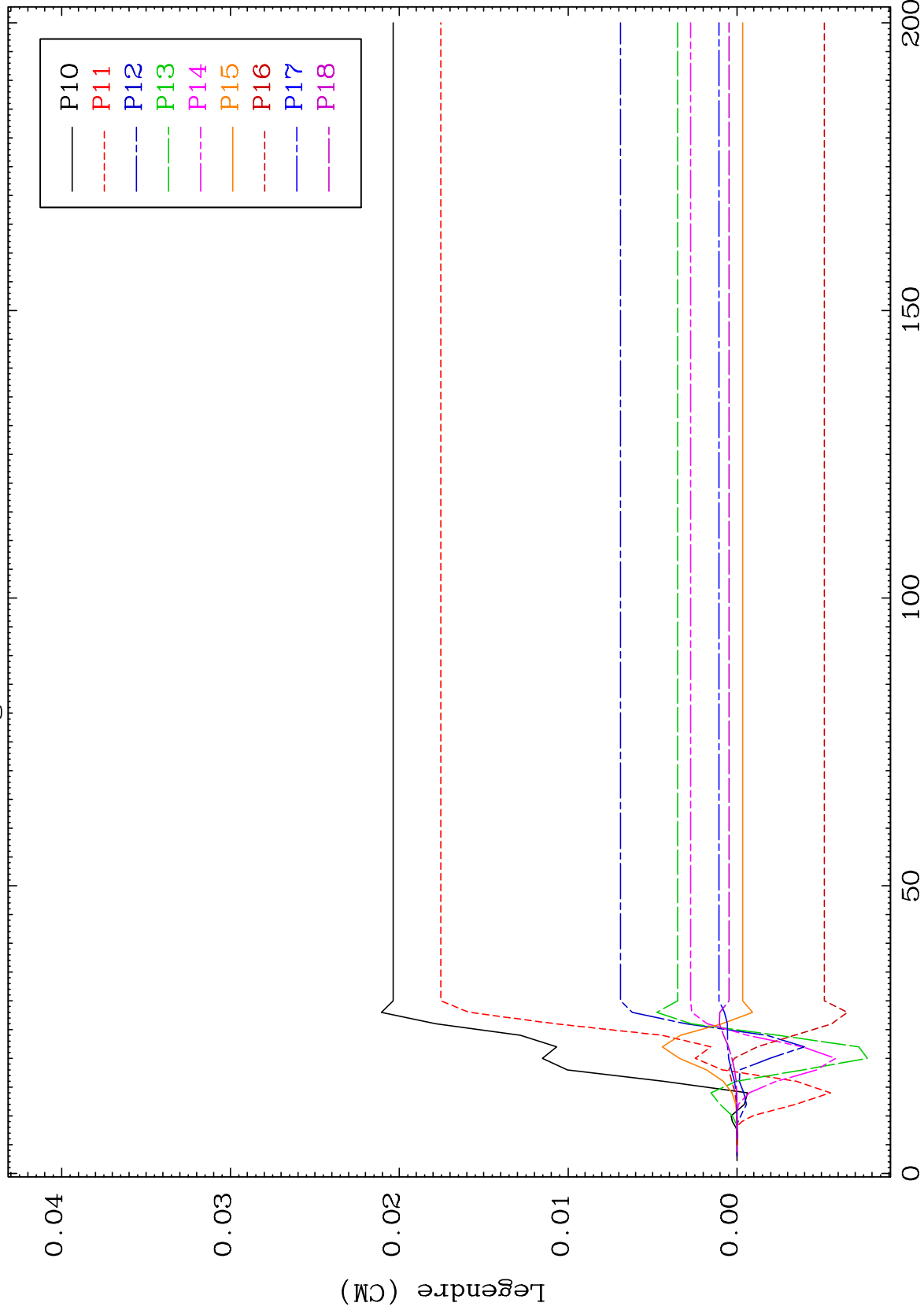
Incident Energy (MeV)

77

MAT 5458

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

54-Xe-135



78

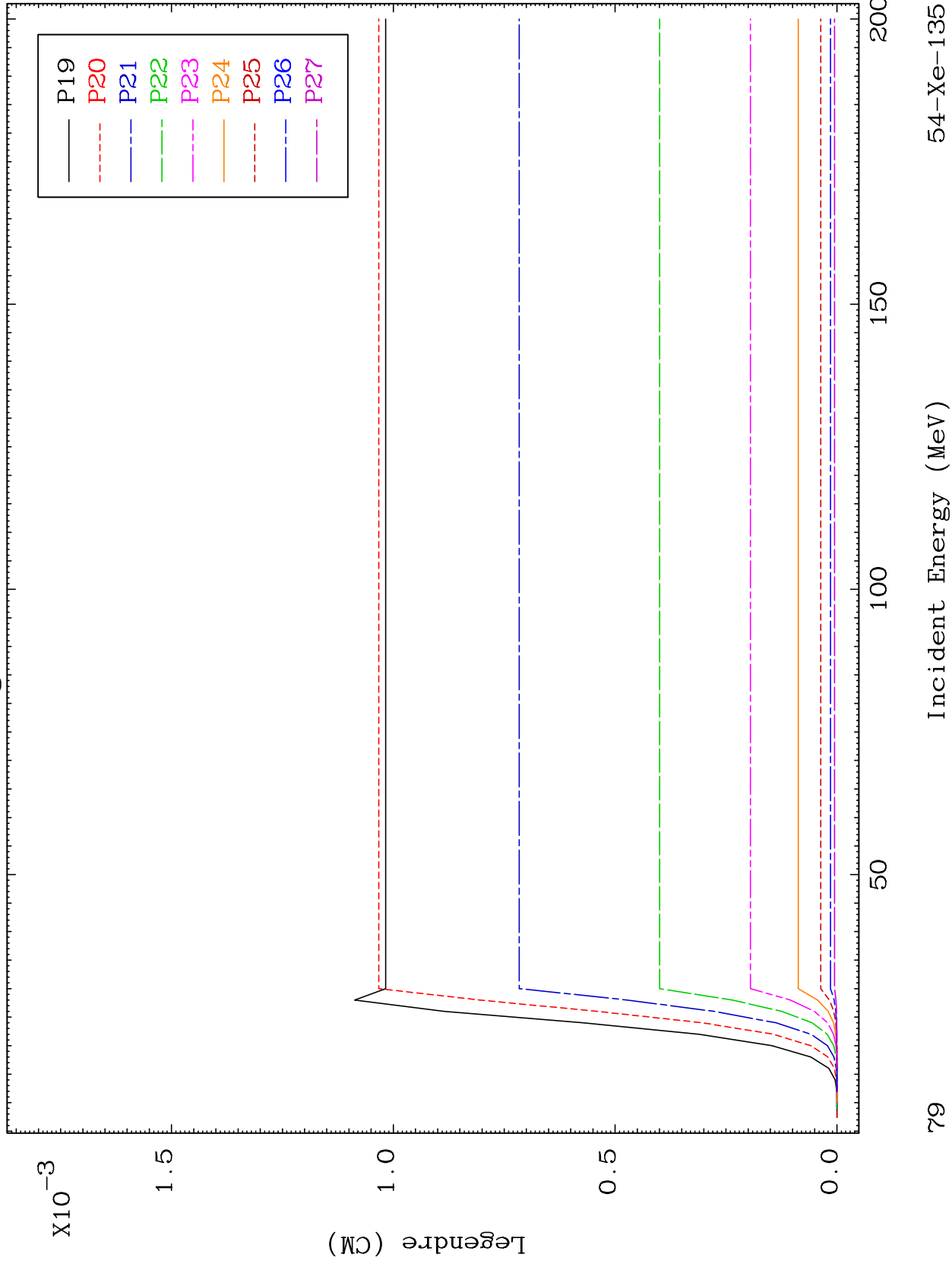
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



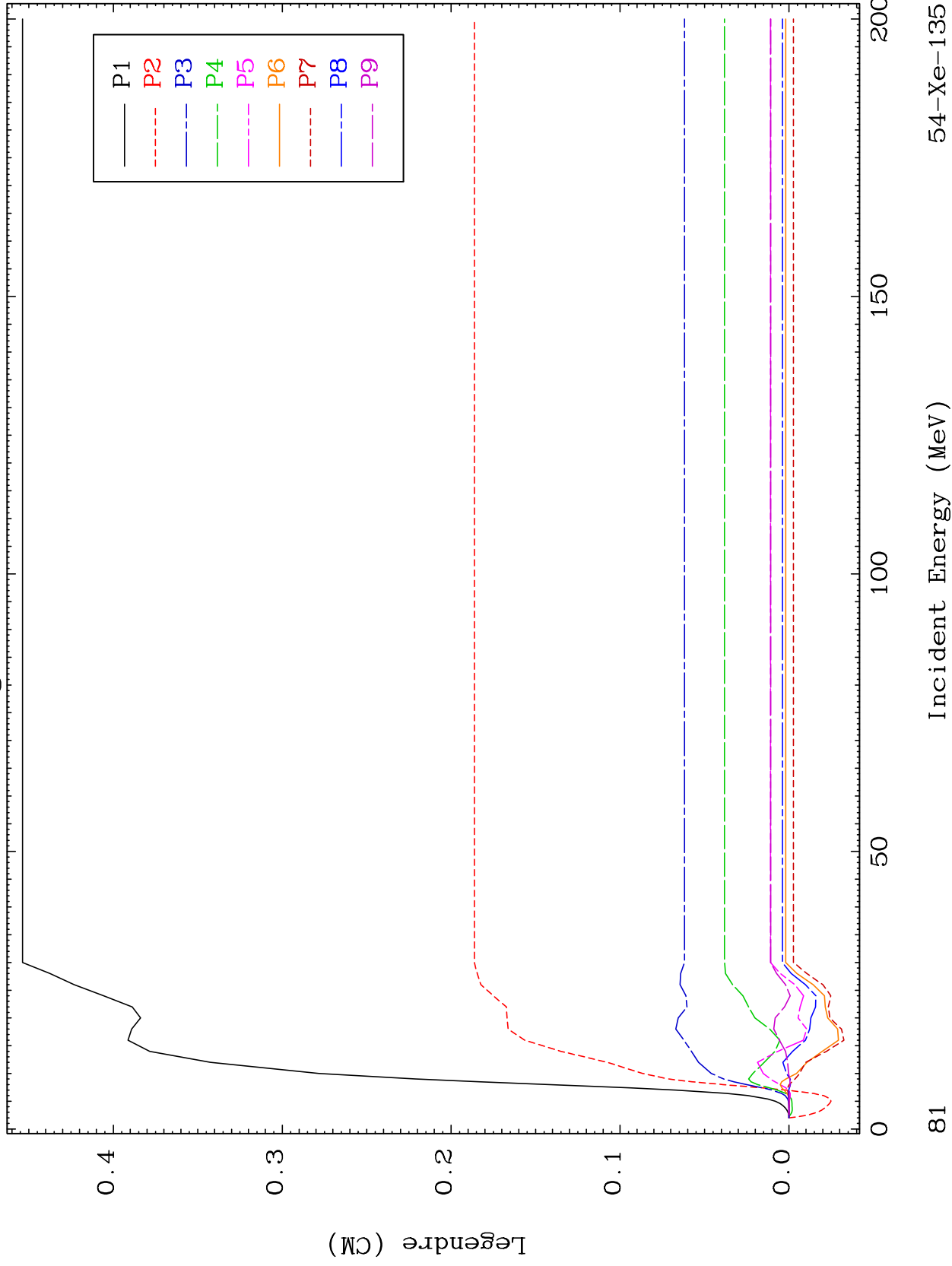
79

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

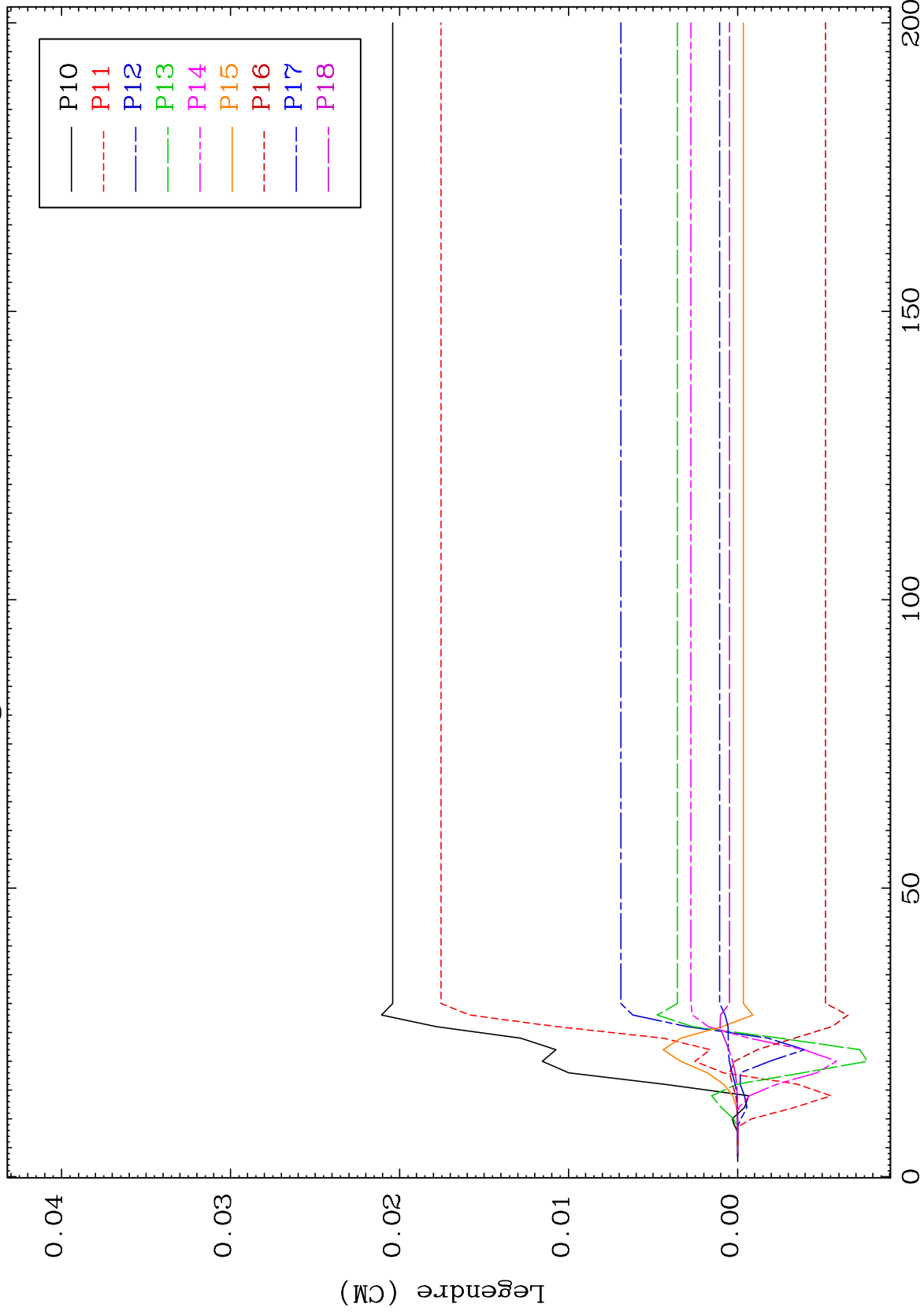
Incident Energy (MeV)

81

MAT 5458

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

54-Xe-135



82

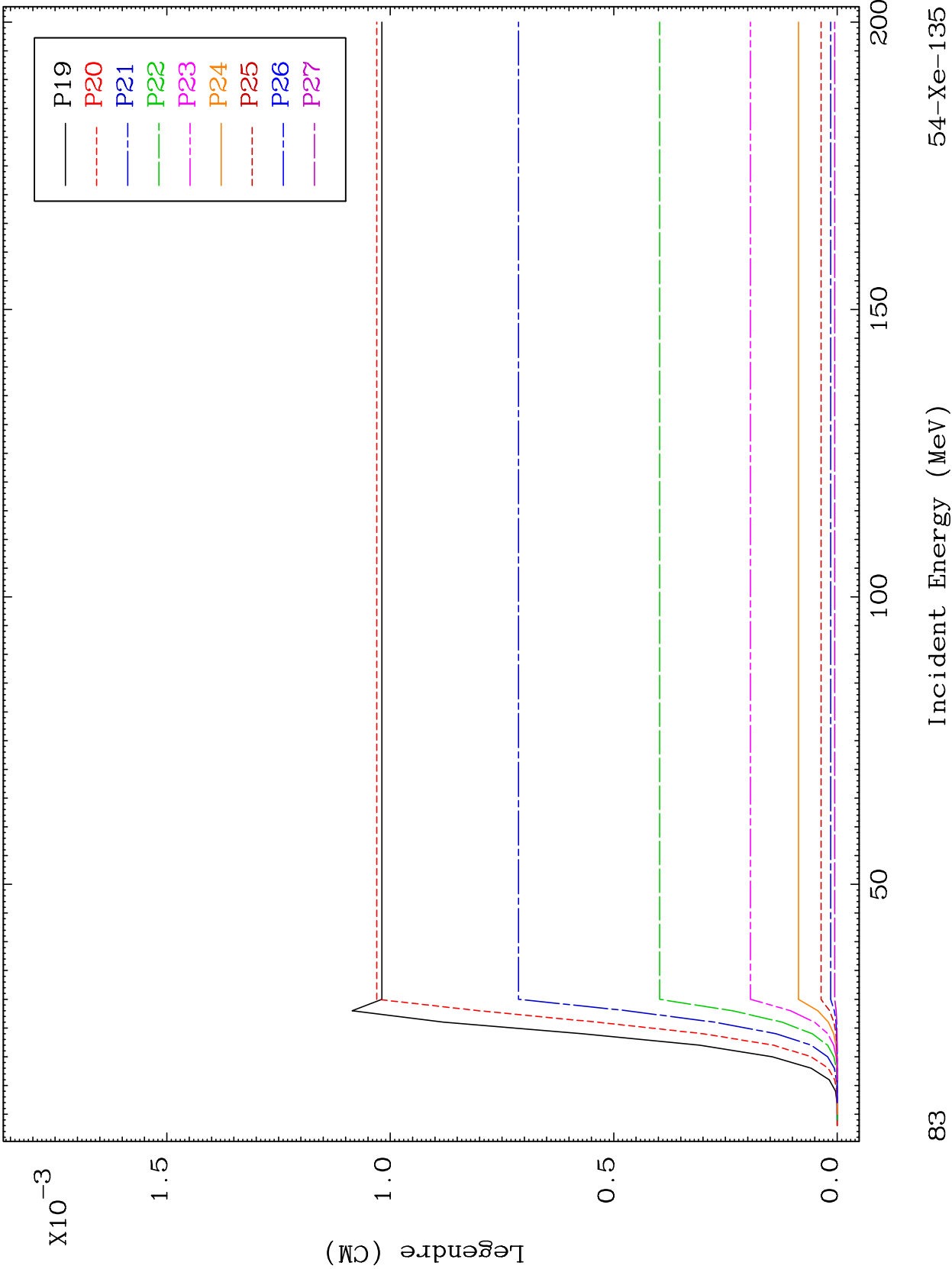
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



83

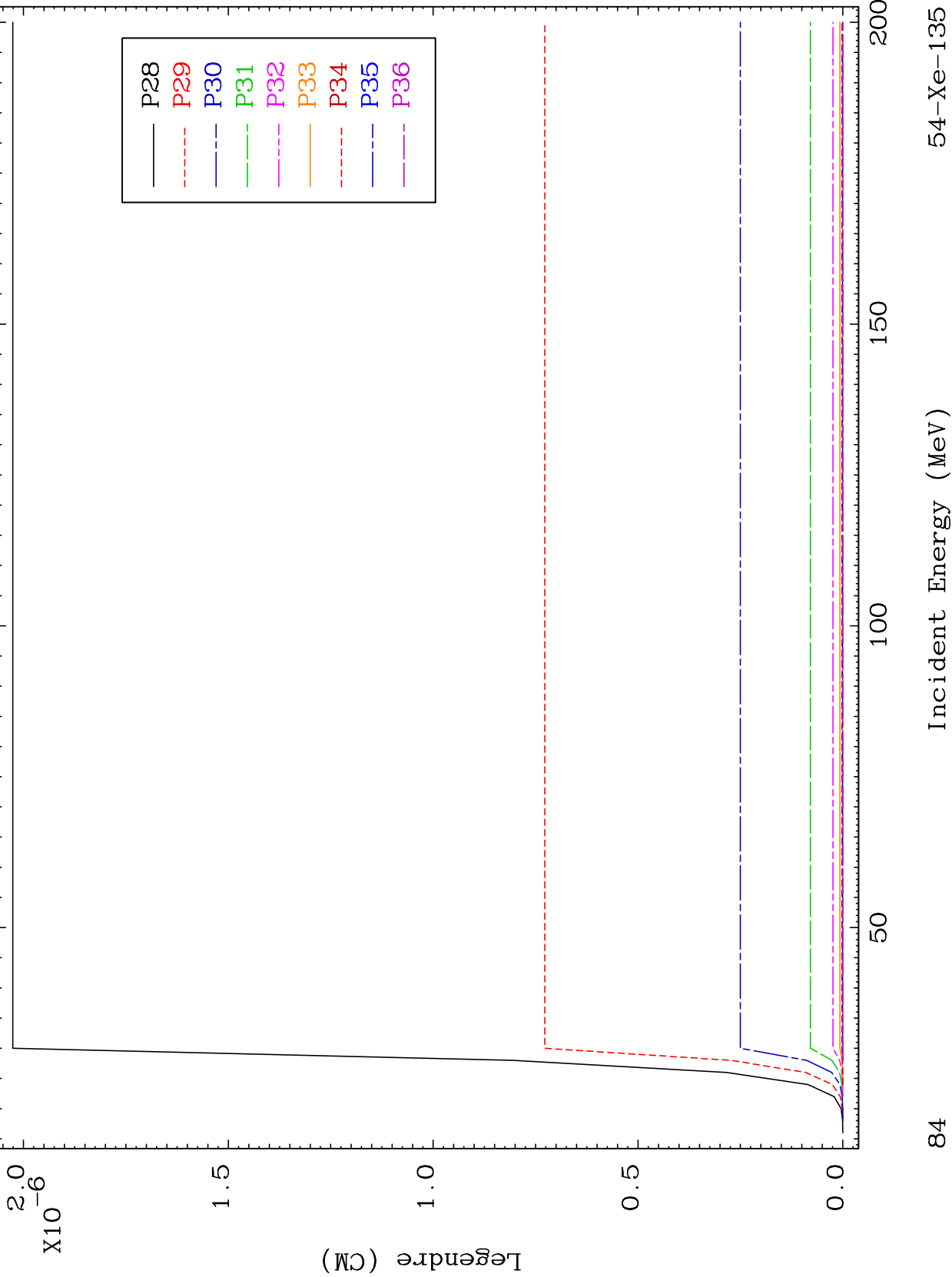
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



84

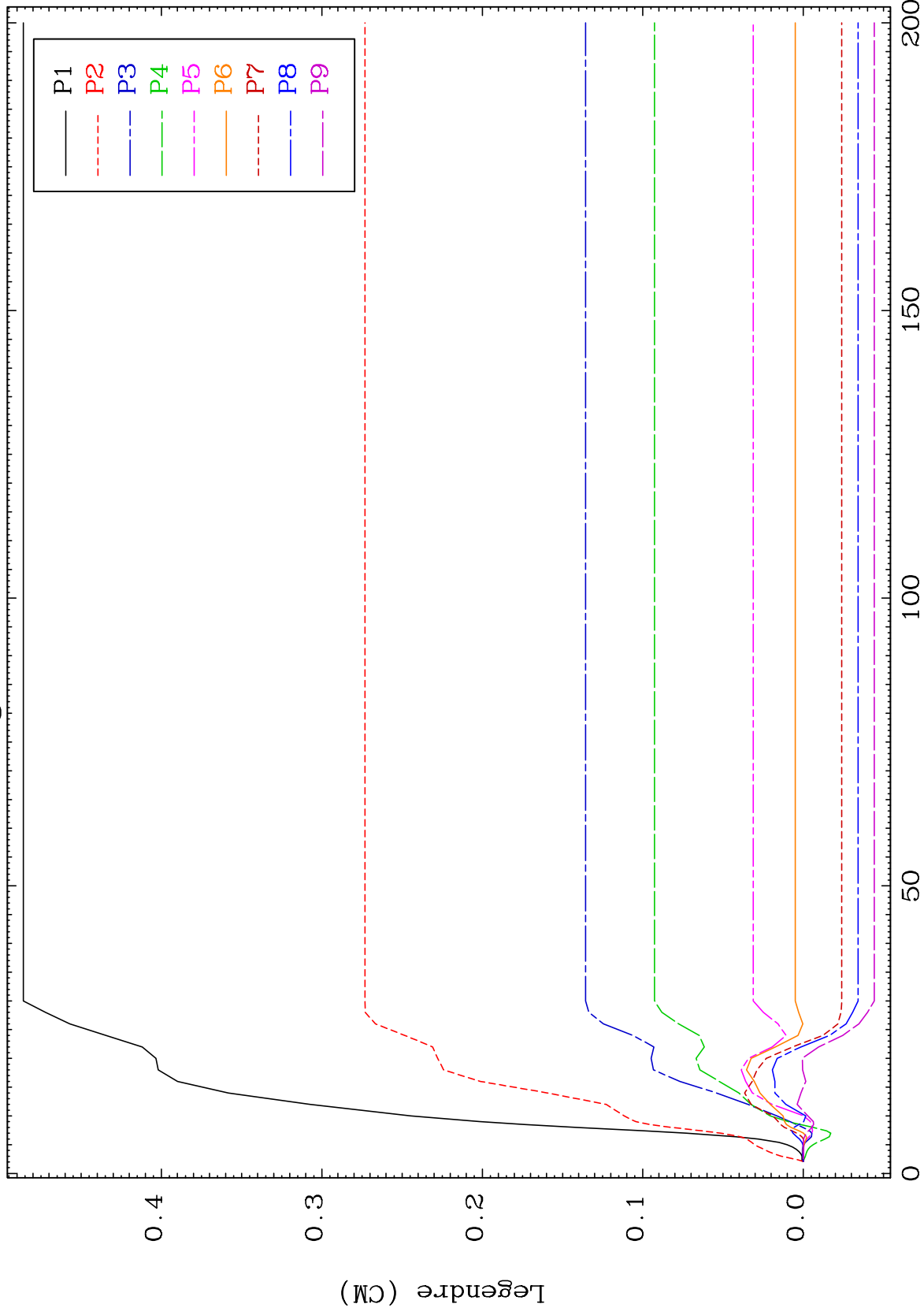
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



85

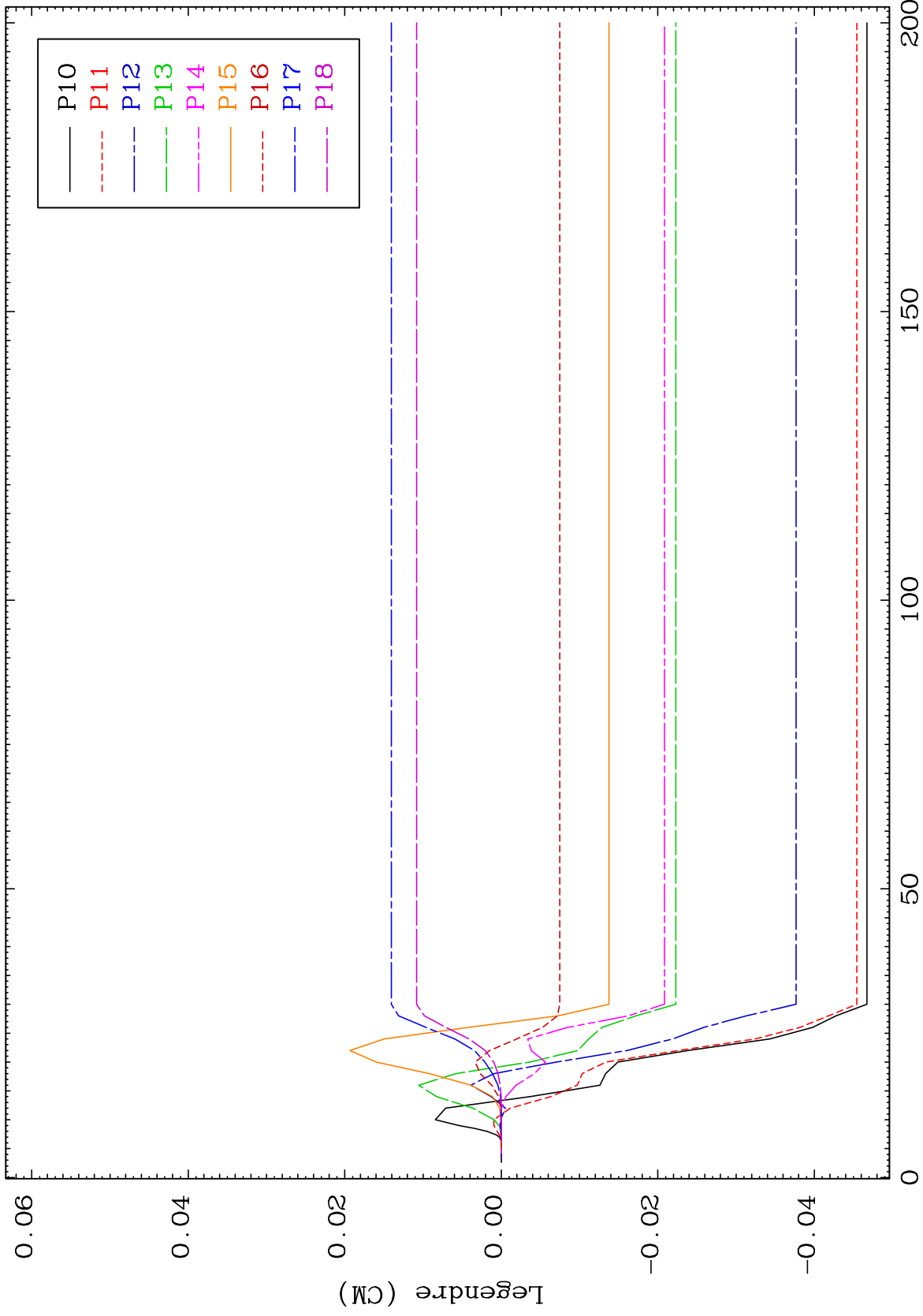
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



86

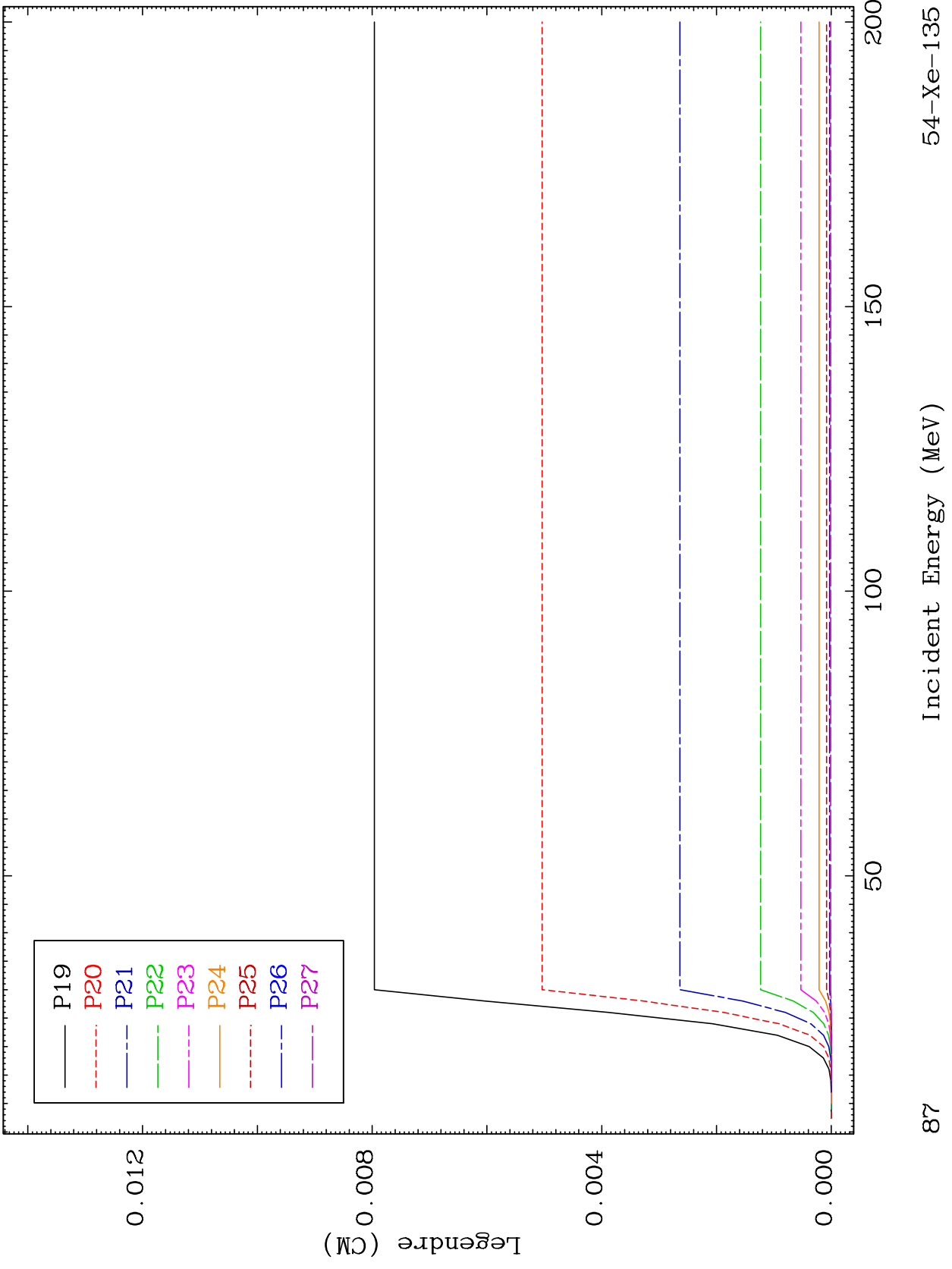
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



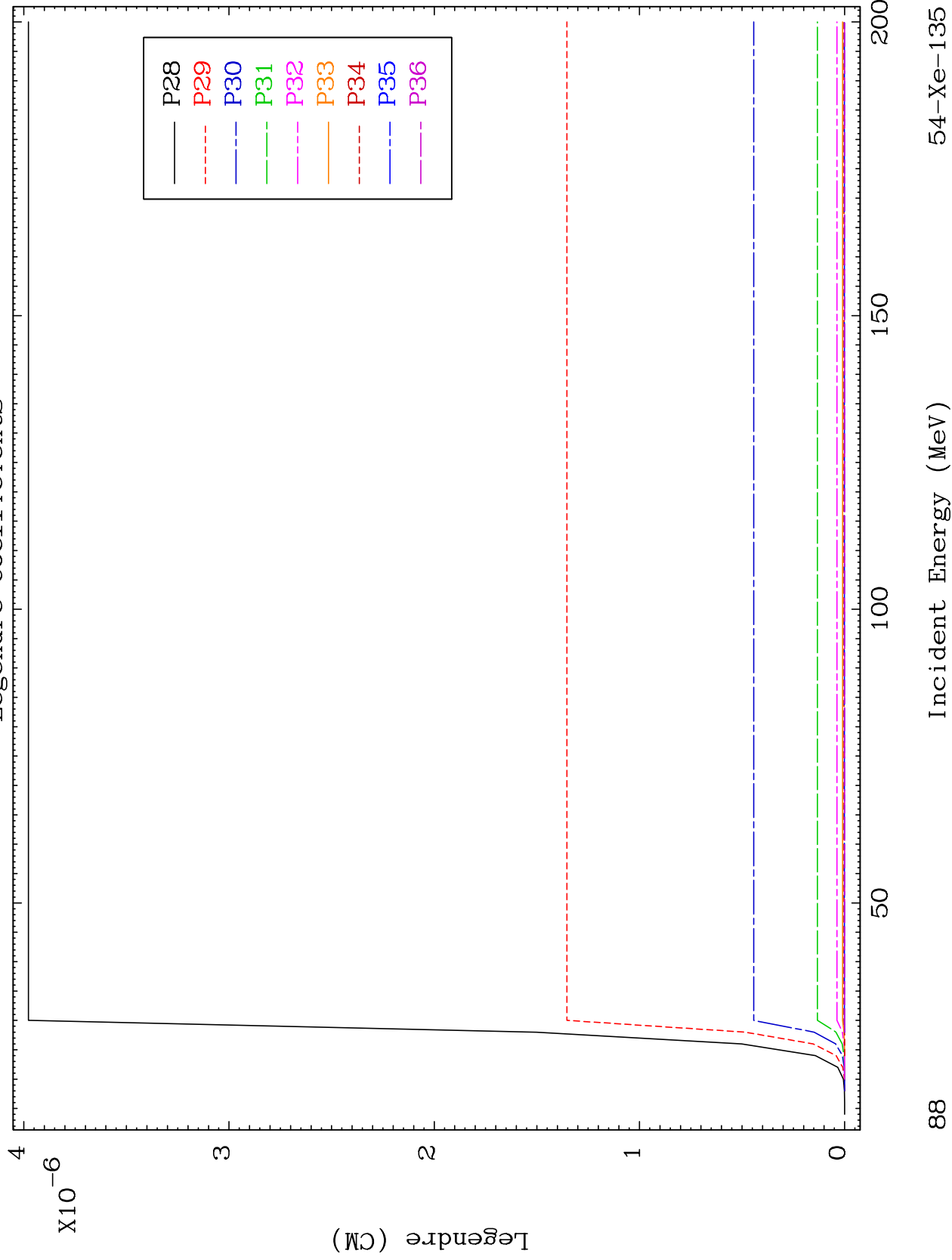
87

54-Xe-135

MAT 5458

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

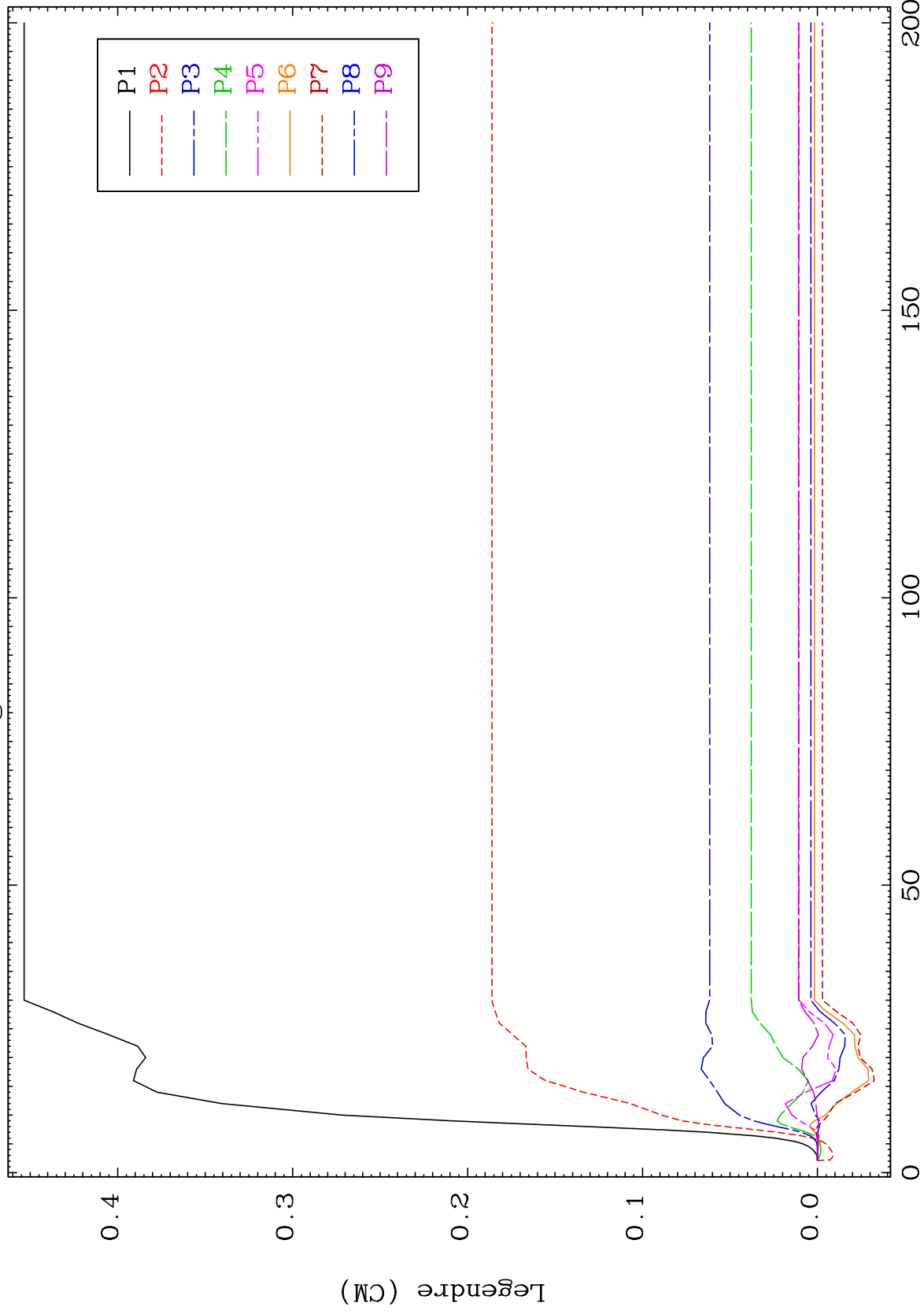
54-Xe-135



MAT 5458

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

54-Xe-135



89

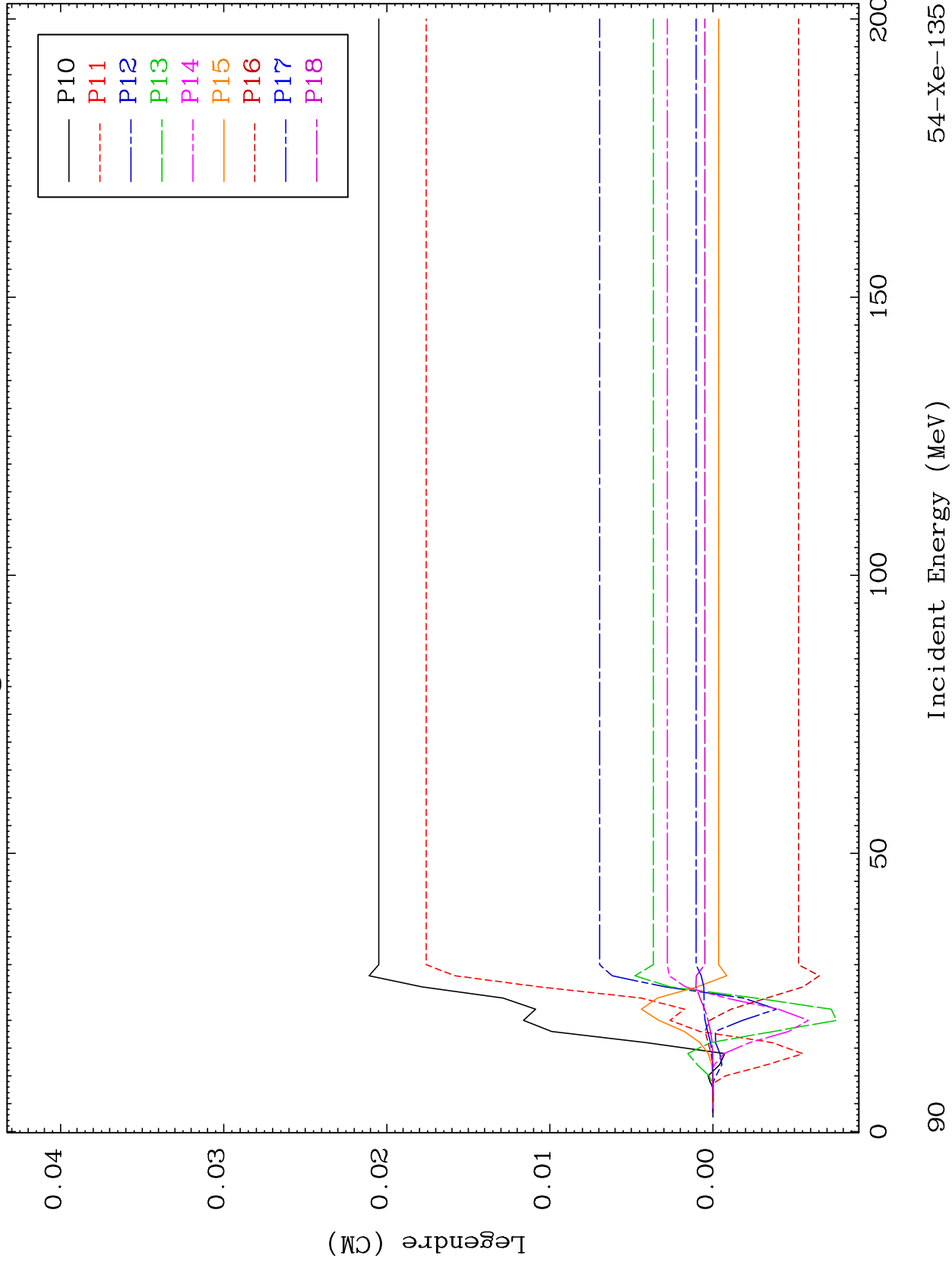
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

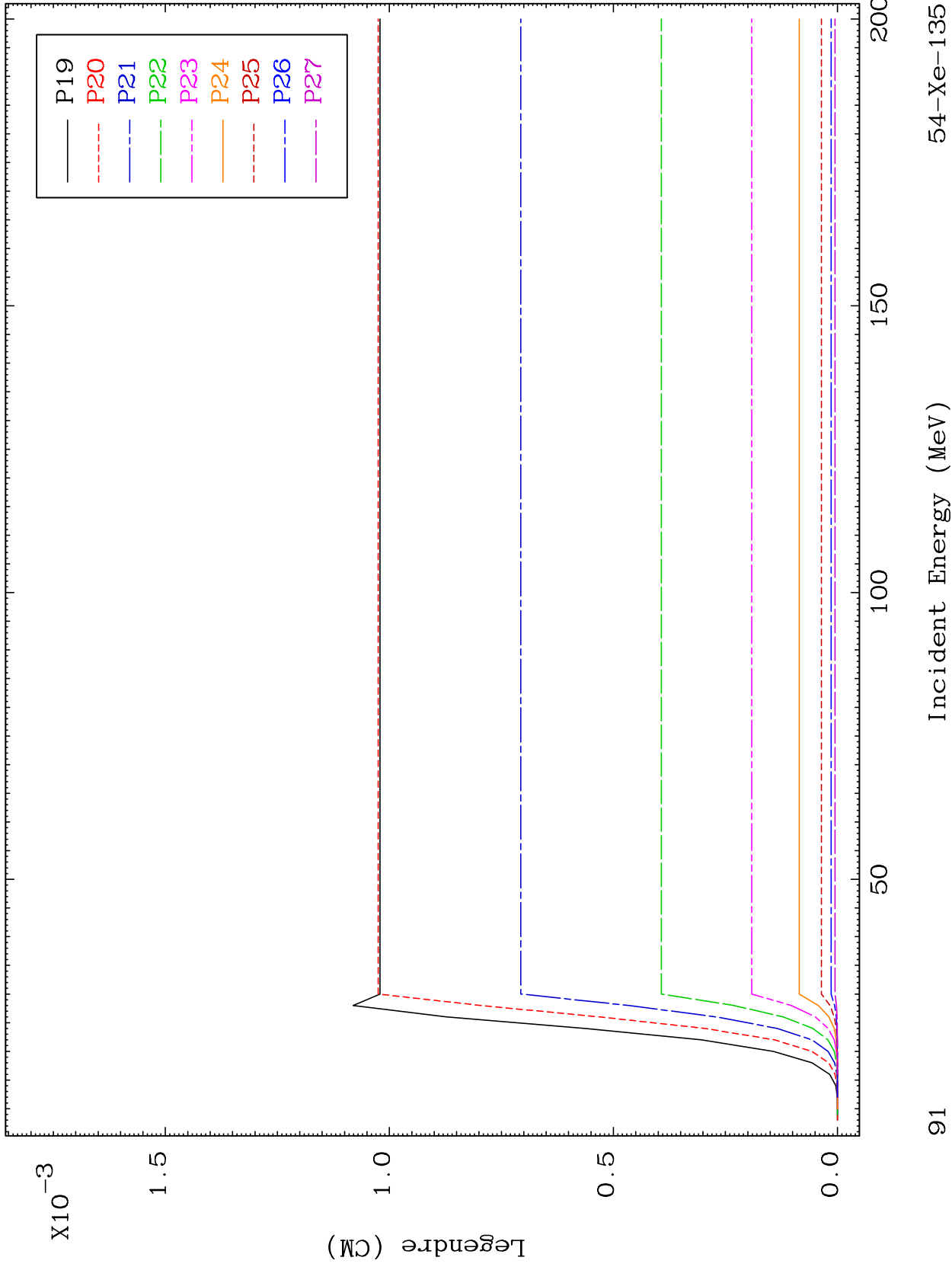
54-Xe-135



MAT 5458

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

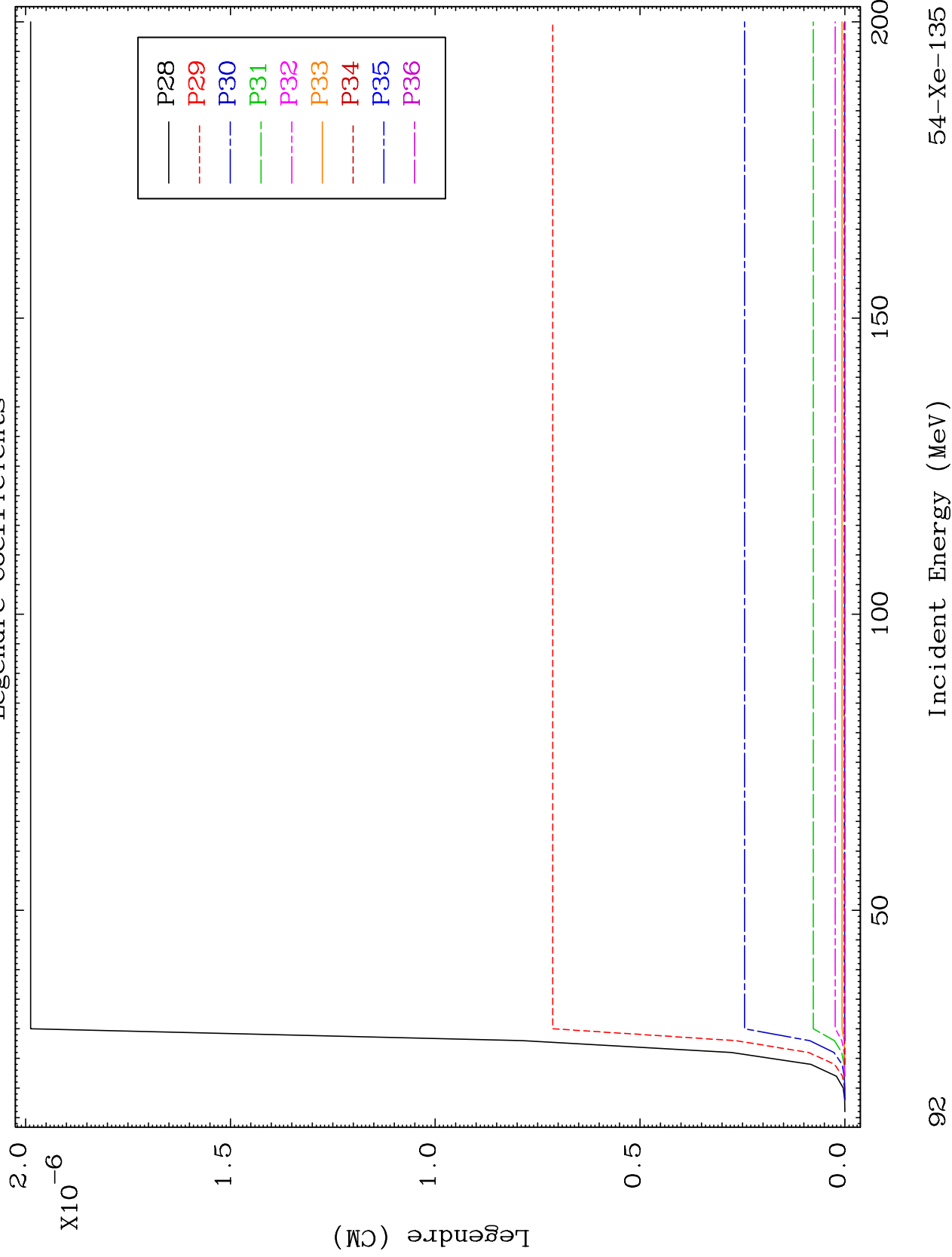
54-Xe-135



MAT 5458

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

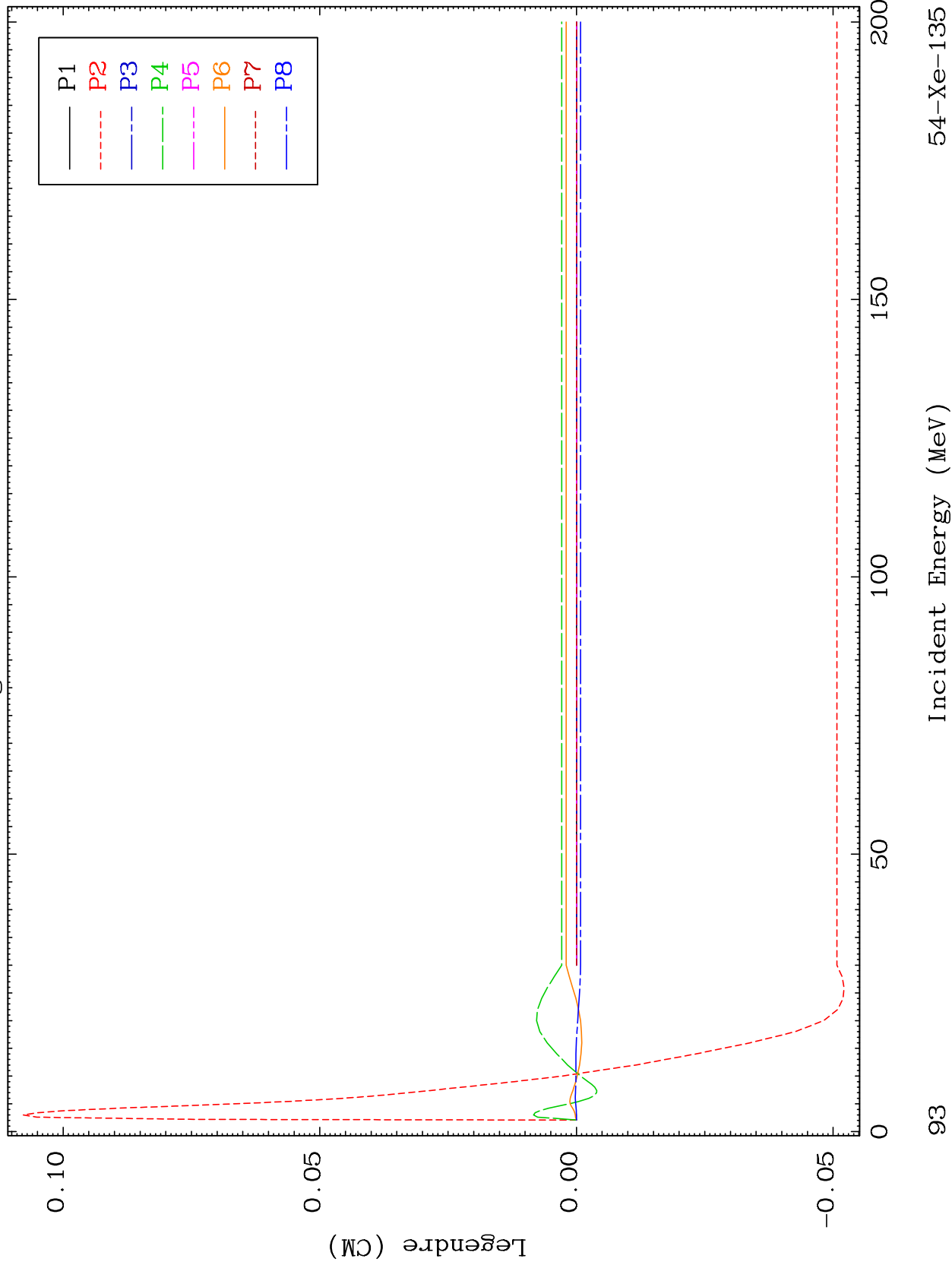
54-Xe-135



MAT 5458

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

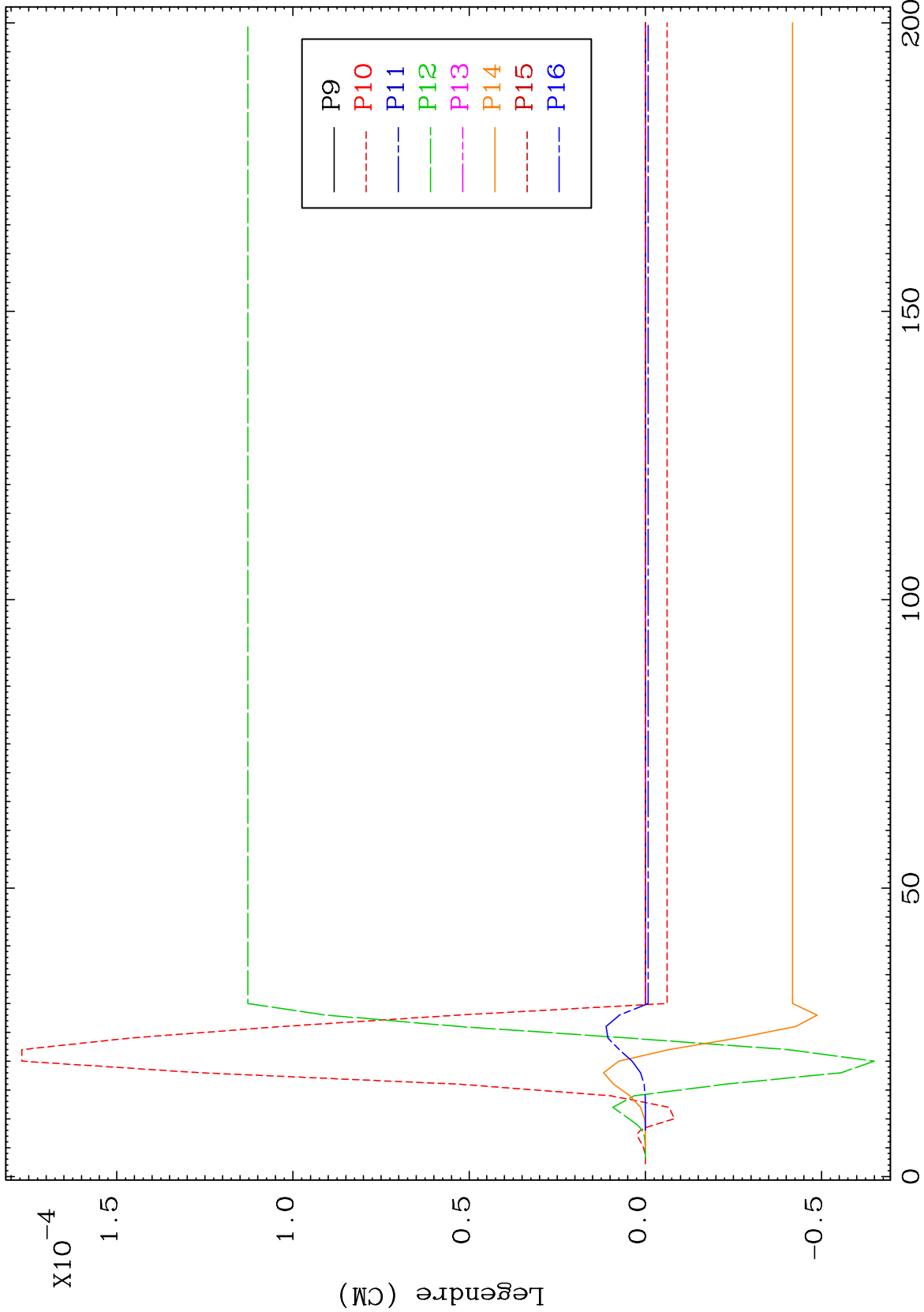
54-Xe-135



MAT 5458

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

54-Xe-135



94

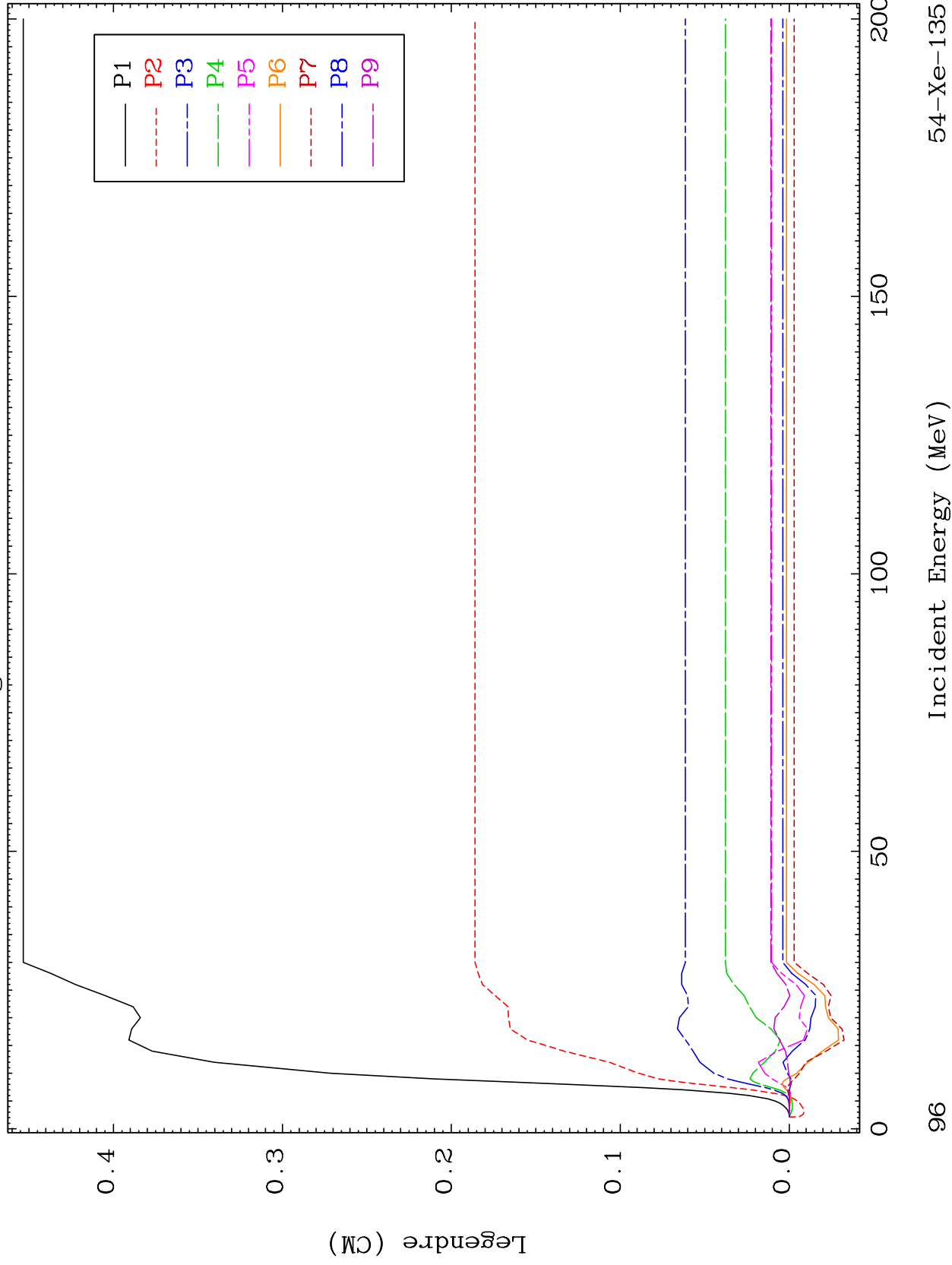
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

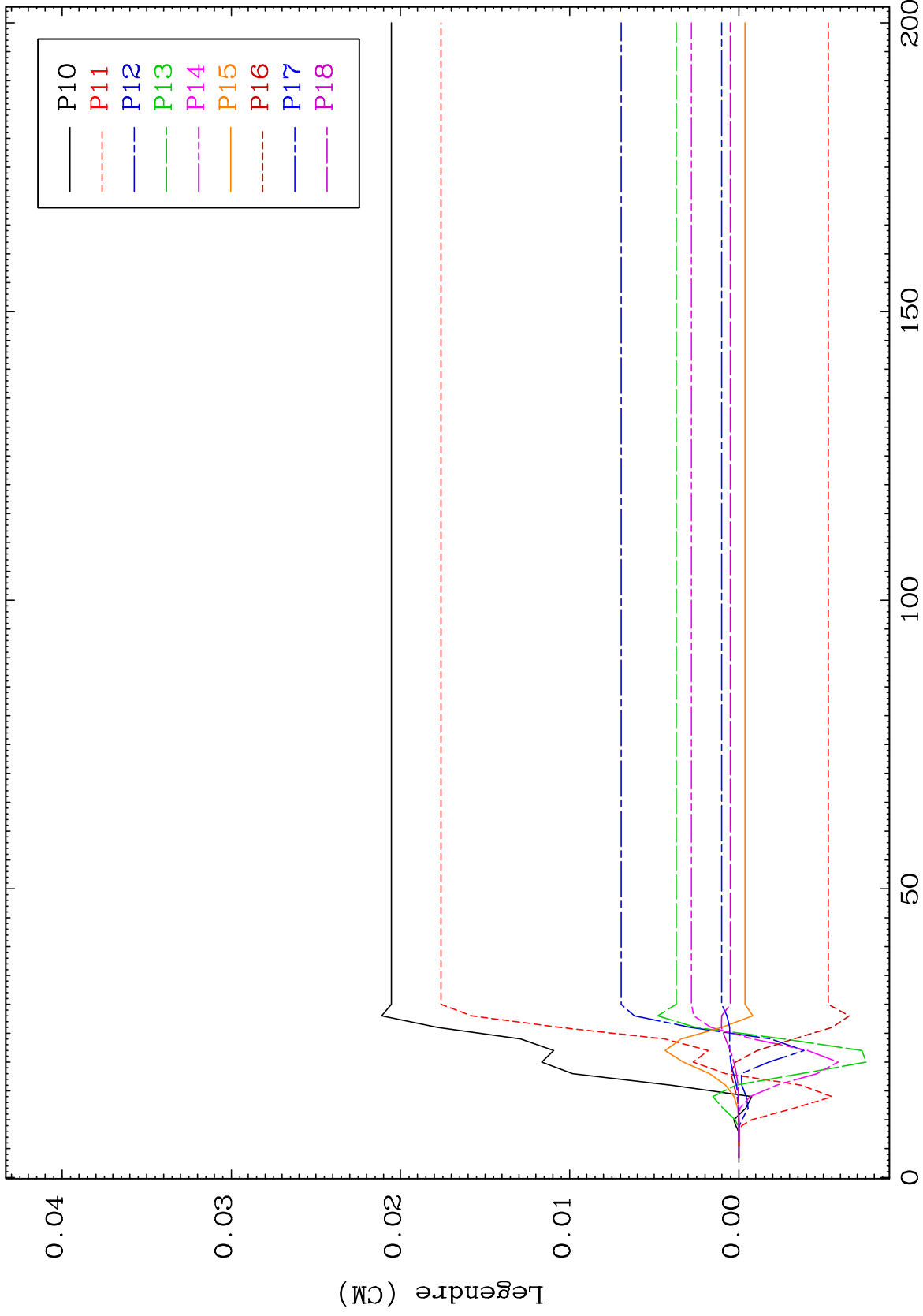
Incident Energy (MeV)

96

MAT 5458

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

54-Xe-135



97

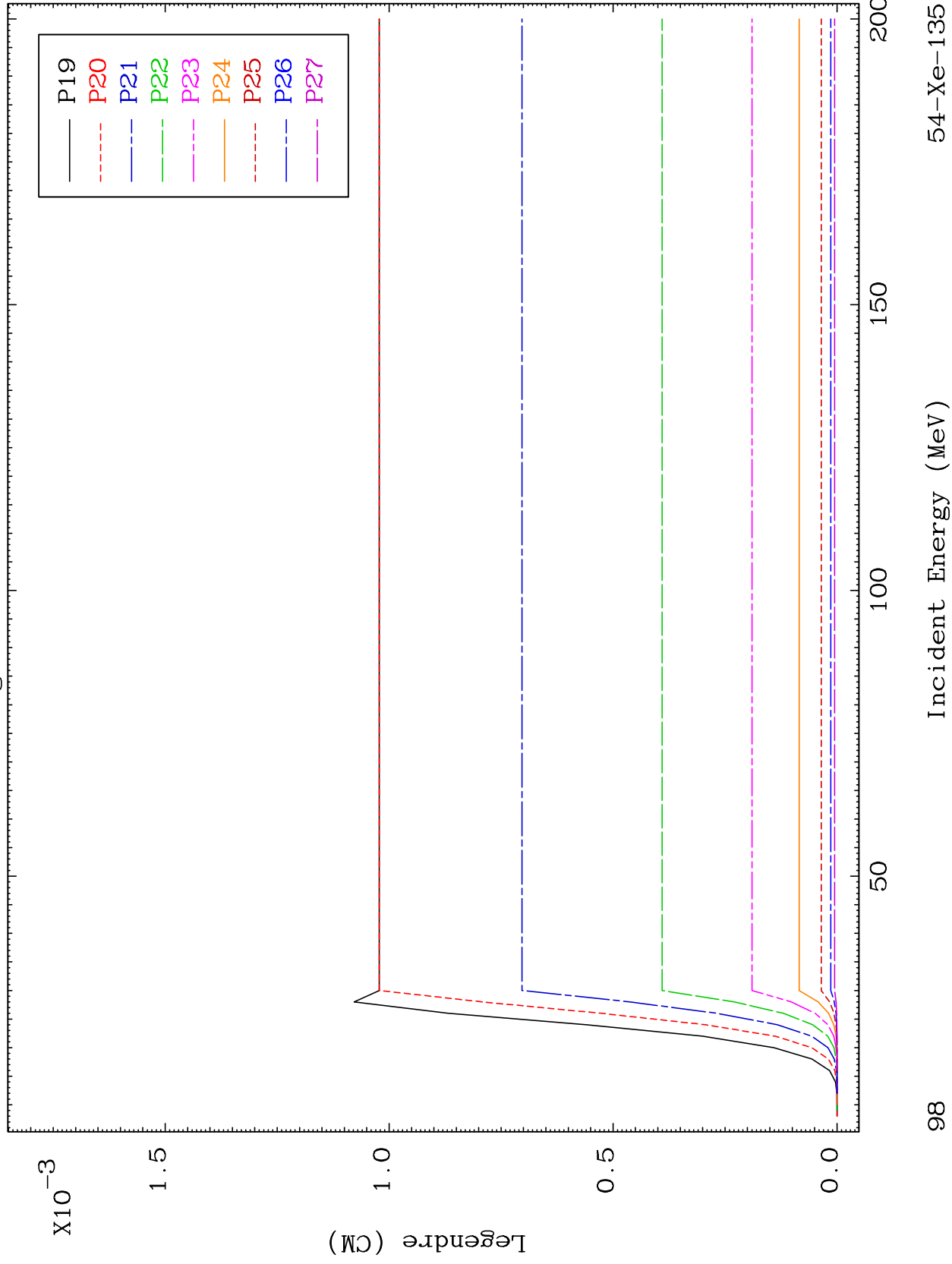
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

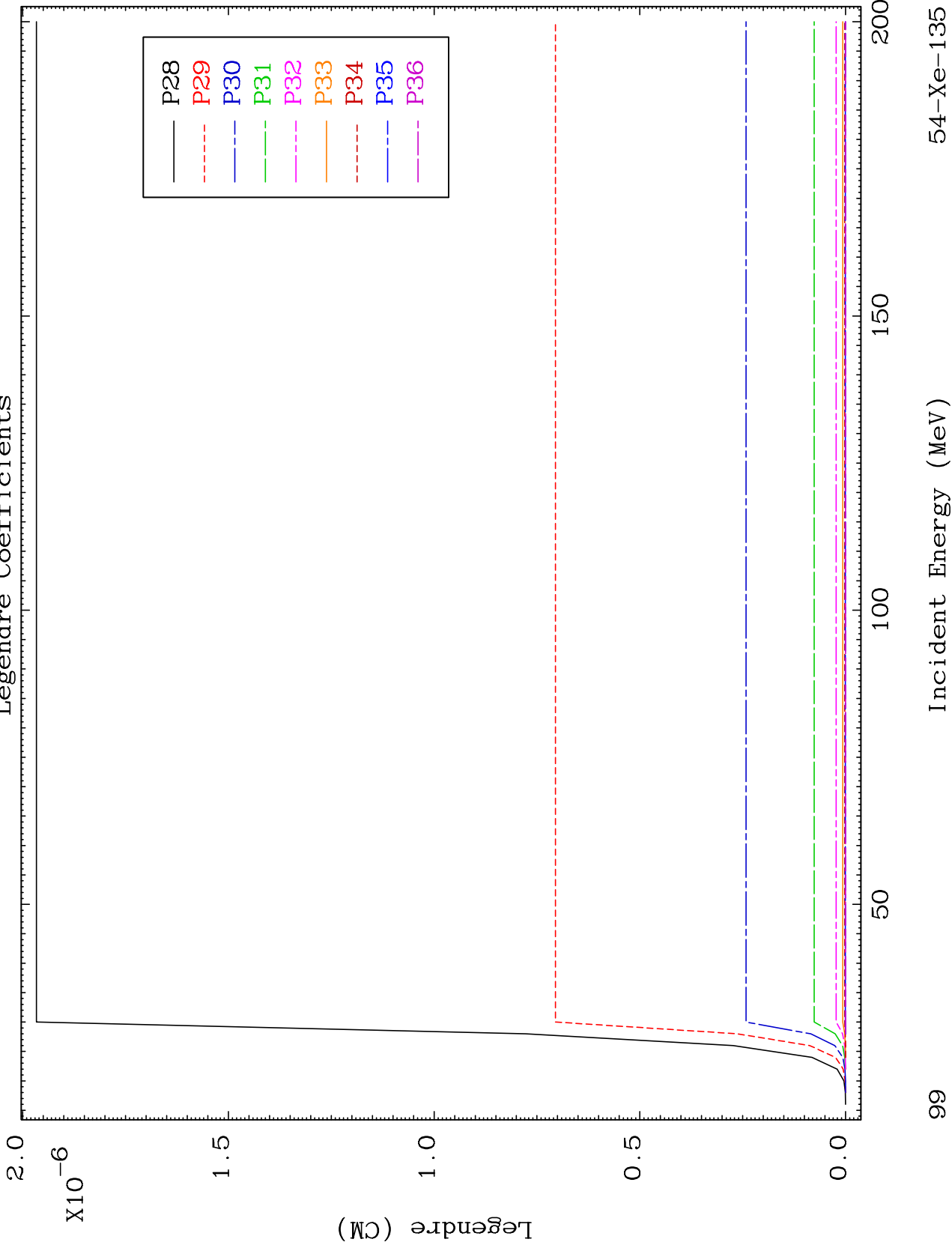
54-Xe-135



MAT 5458

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

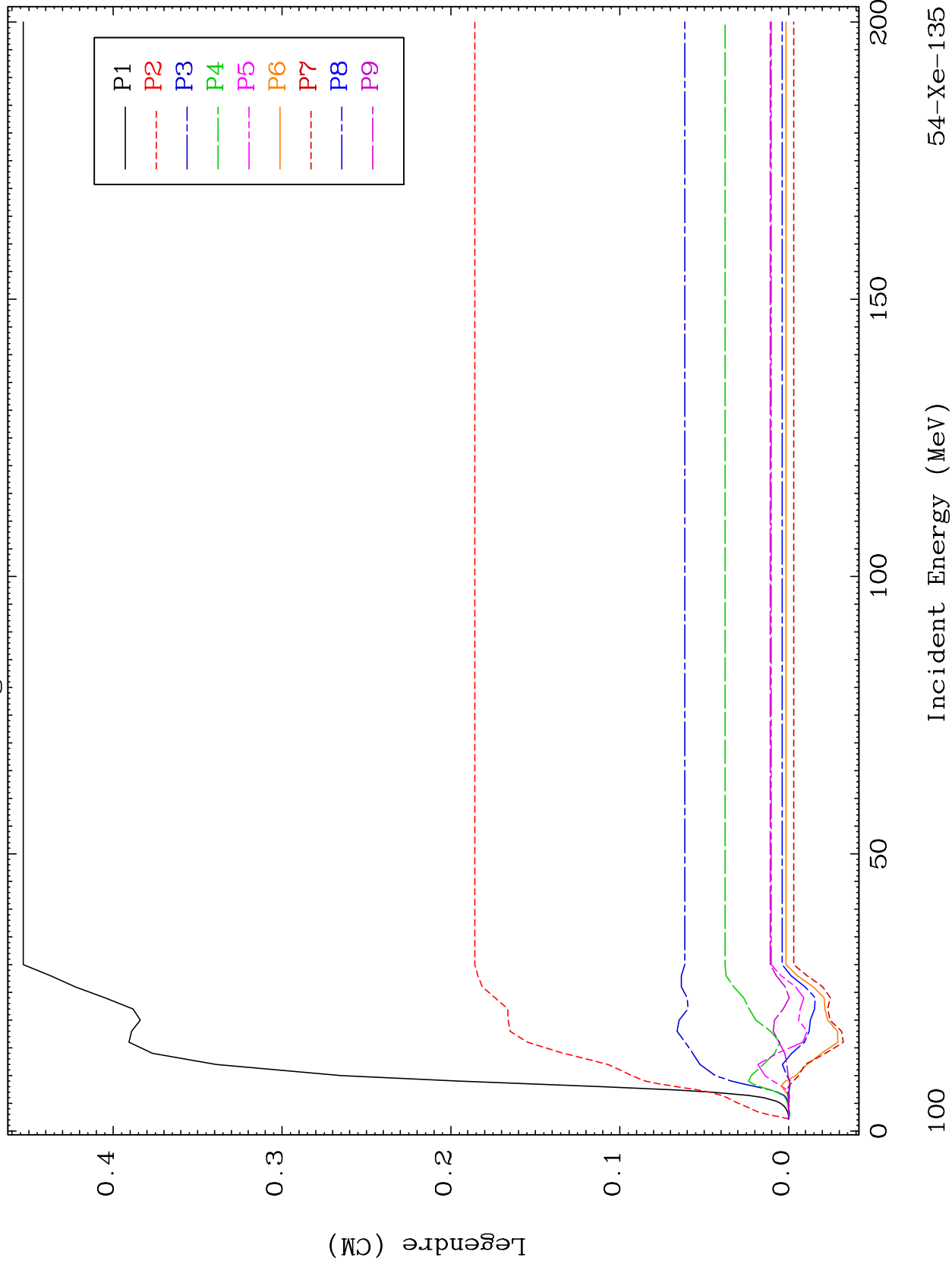
54-Xe-135



MAT 5458

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

54-Xe-135



54-Xe-135

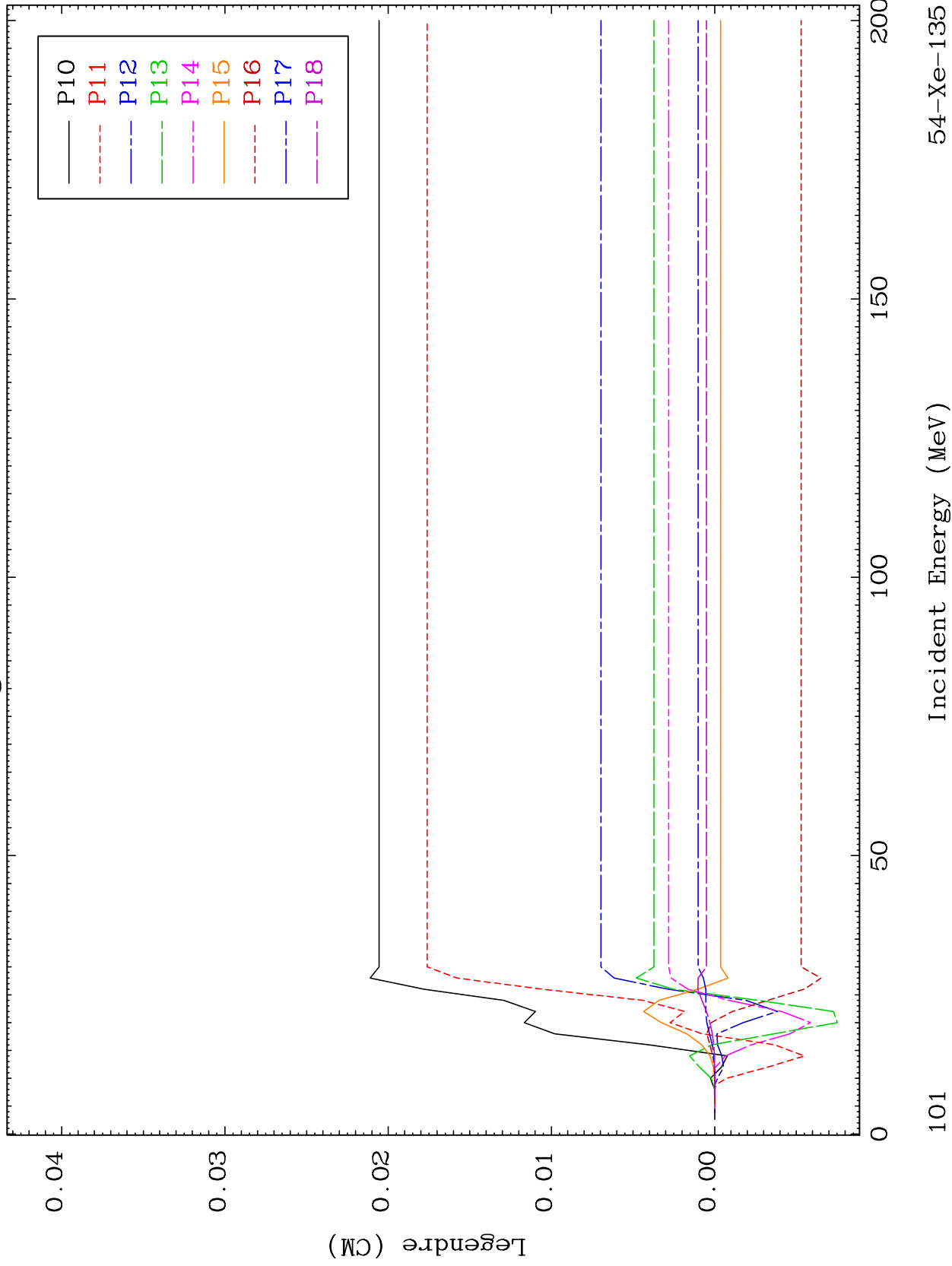
Incident Energy (MeV)

Legendre (CM)

MAT 5458

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

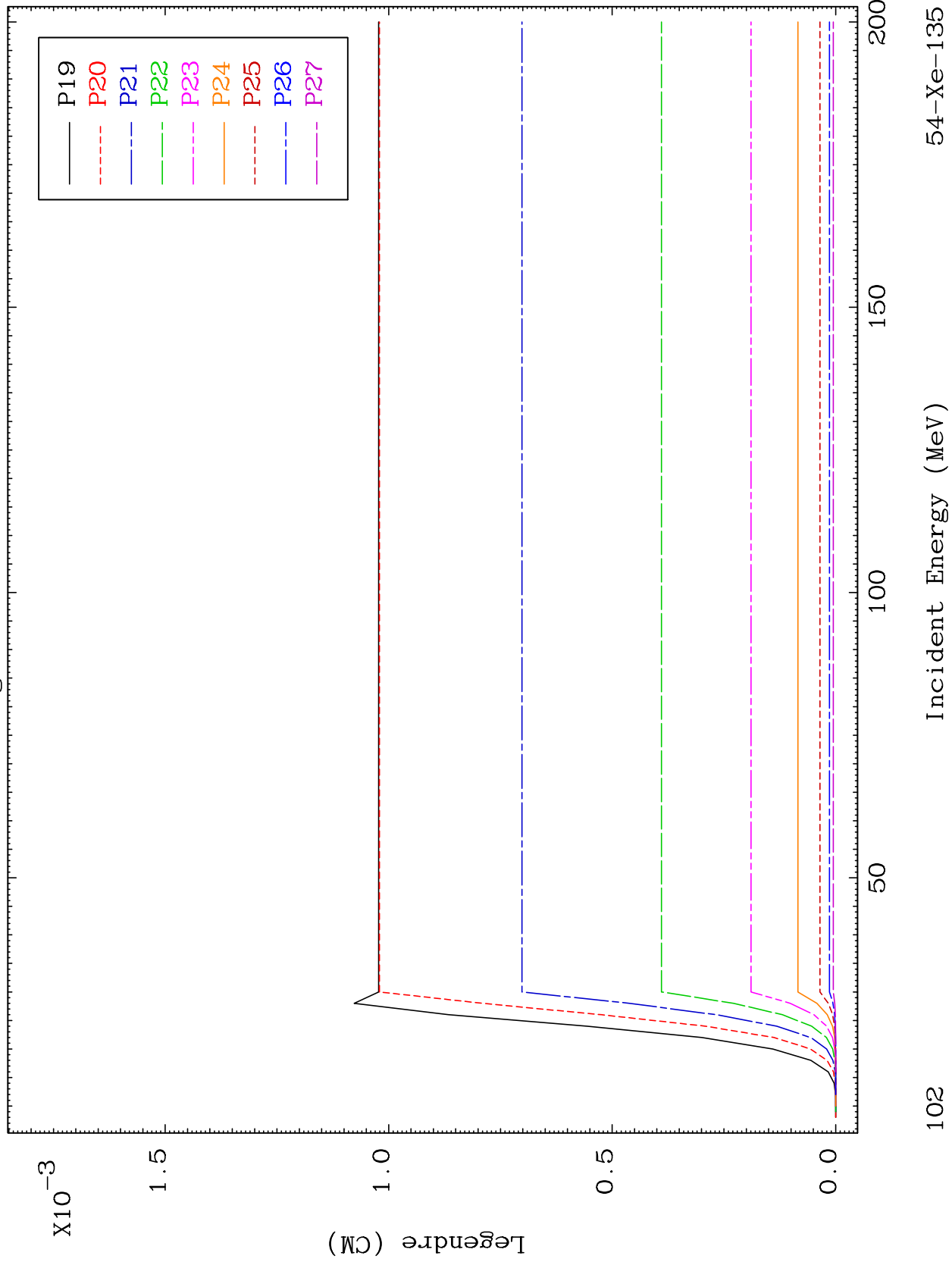
54-Xe-135



MAT 5458

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

54-Xe-135



102

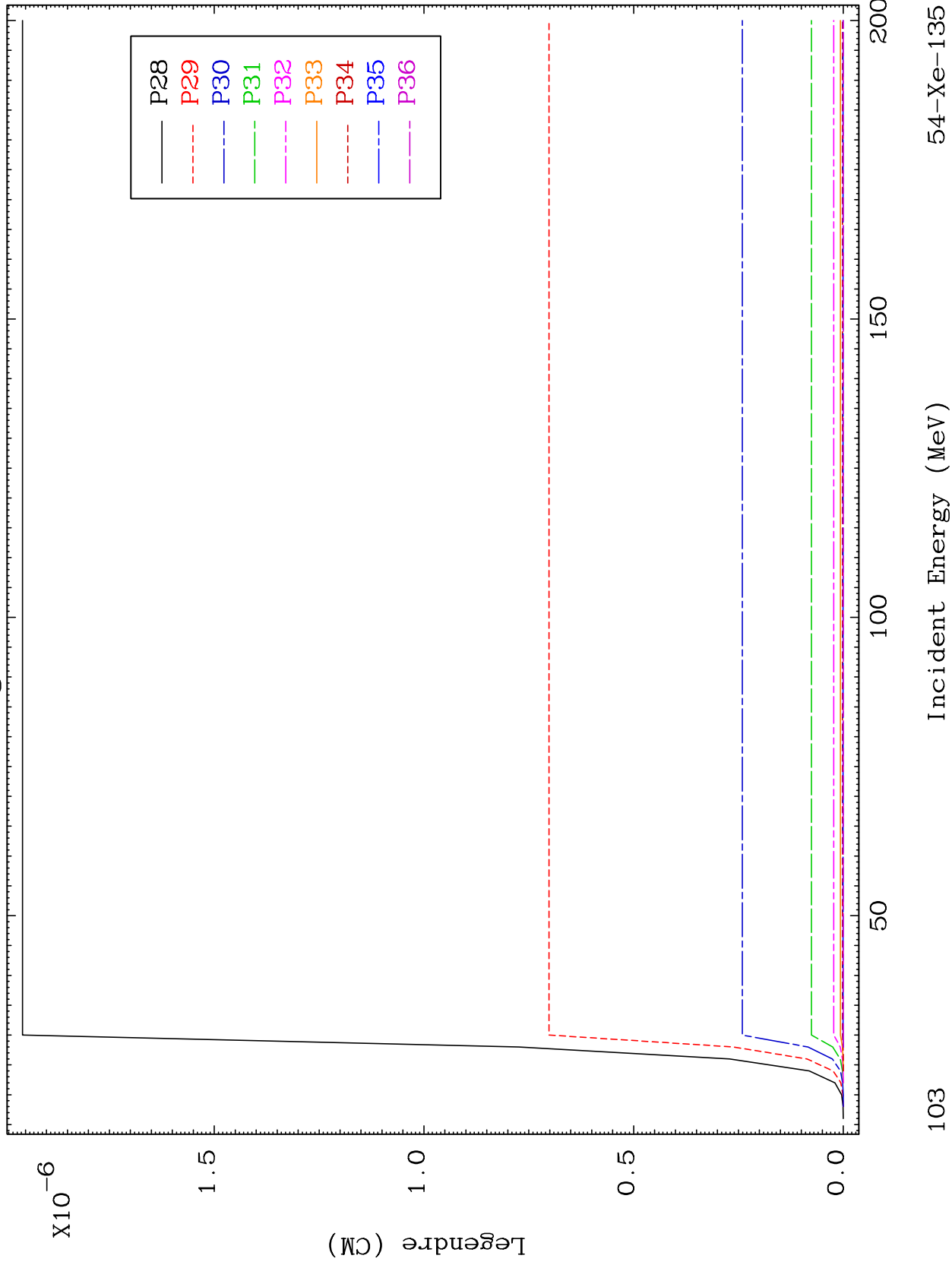
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135

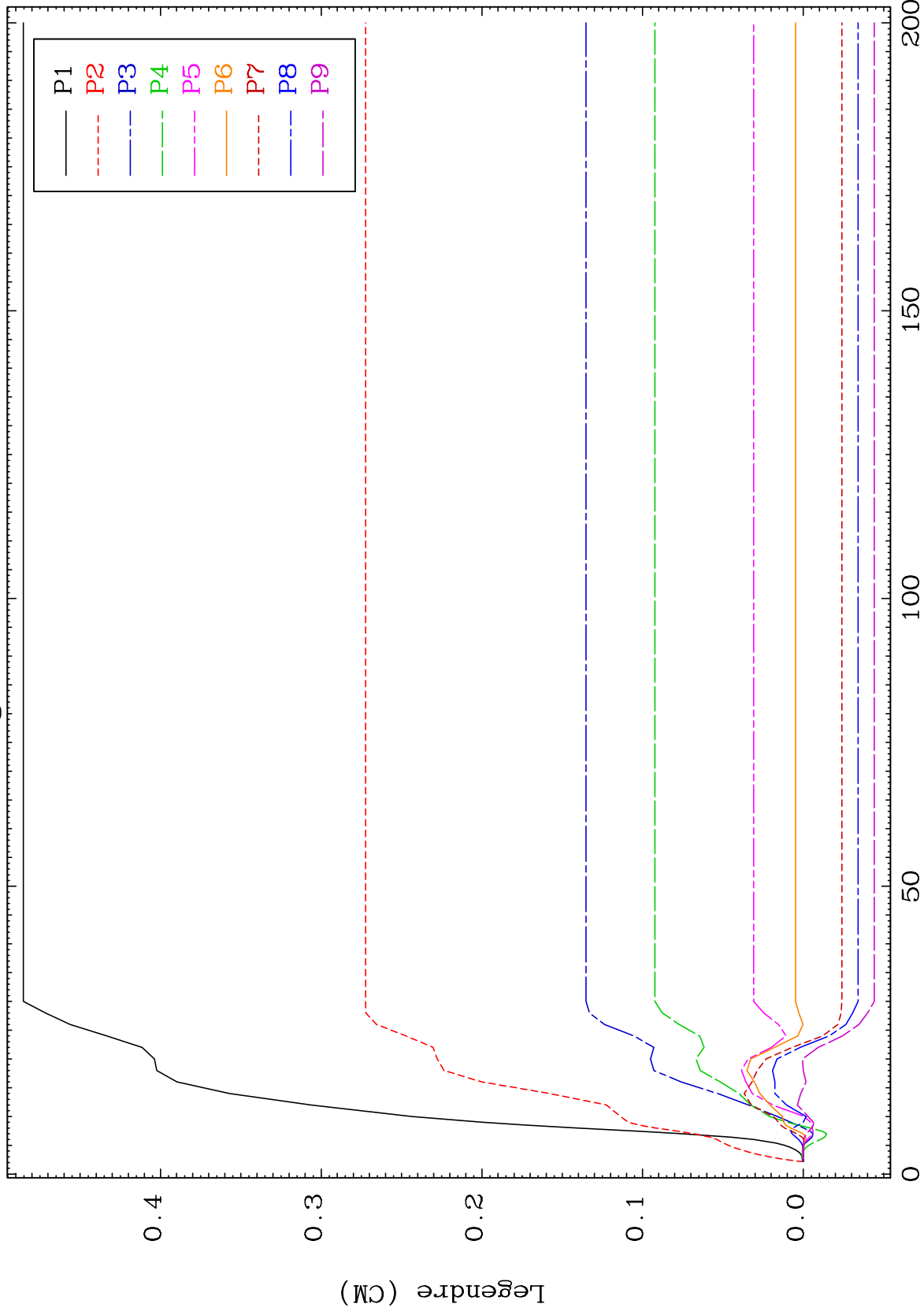


103

MAT 5458

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

54-Xe-135



104

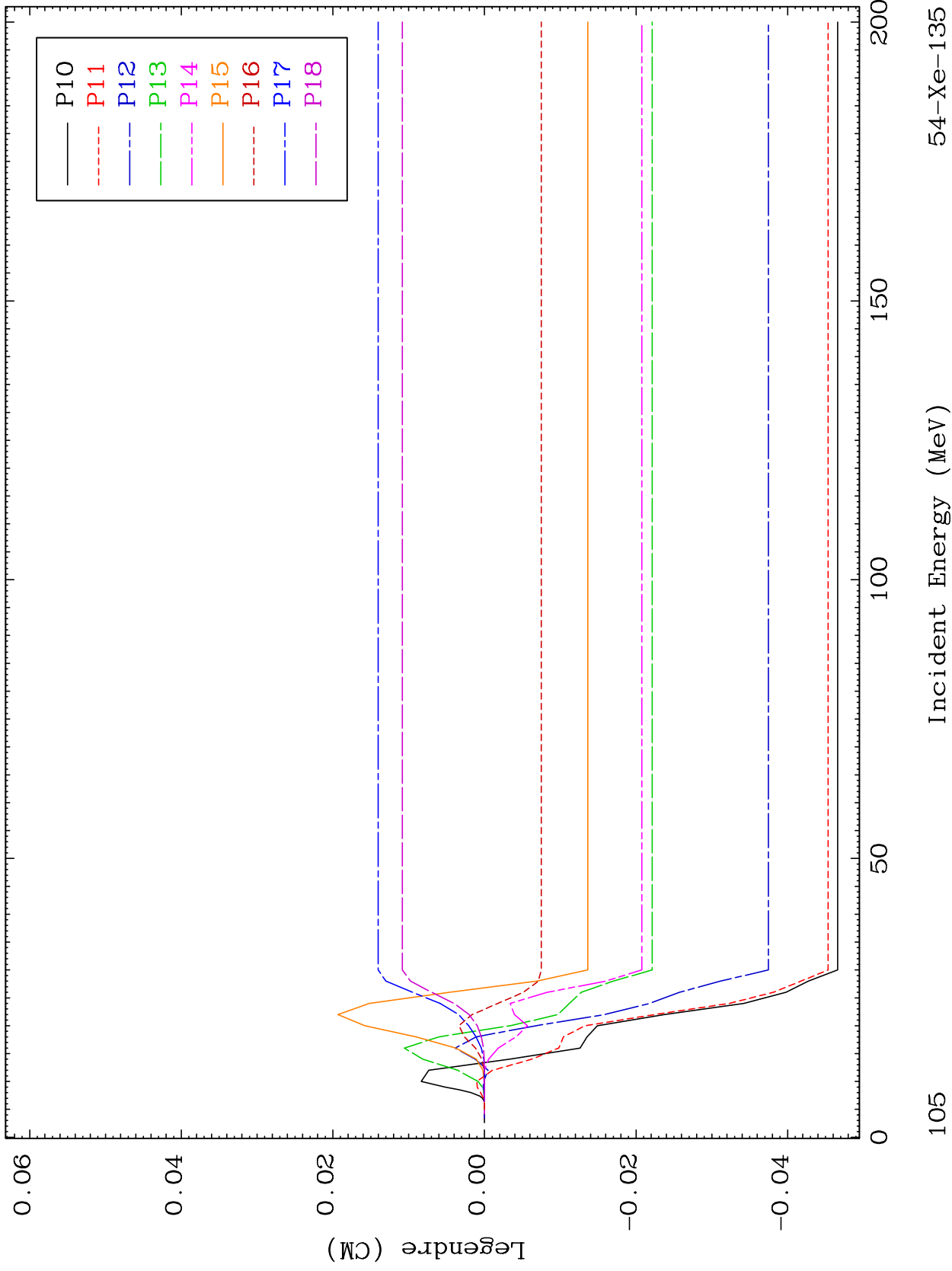
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

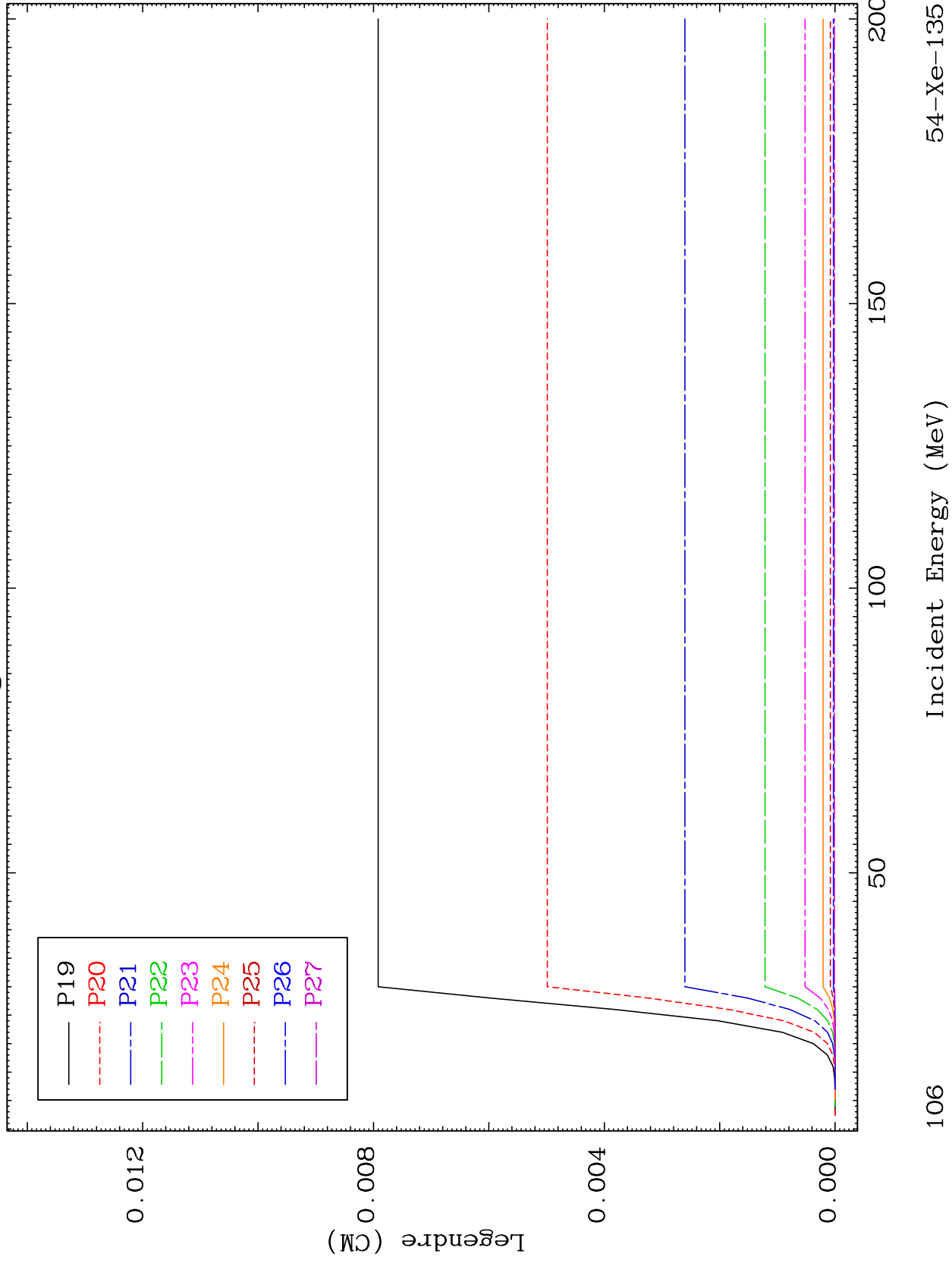
Incident Energy (MeV)

105

MAT 5458

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

54-Xe-135



106

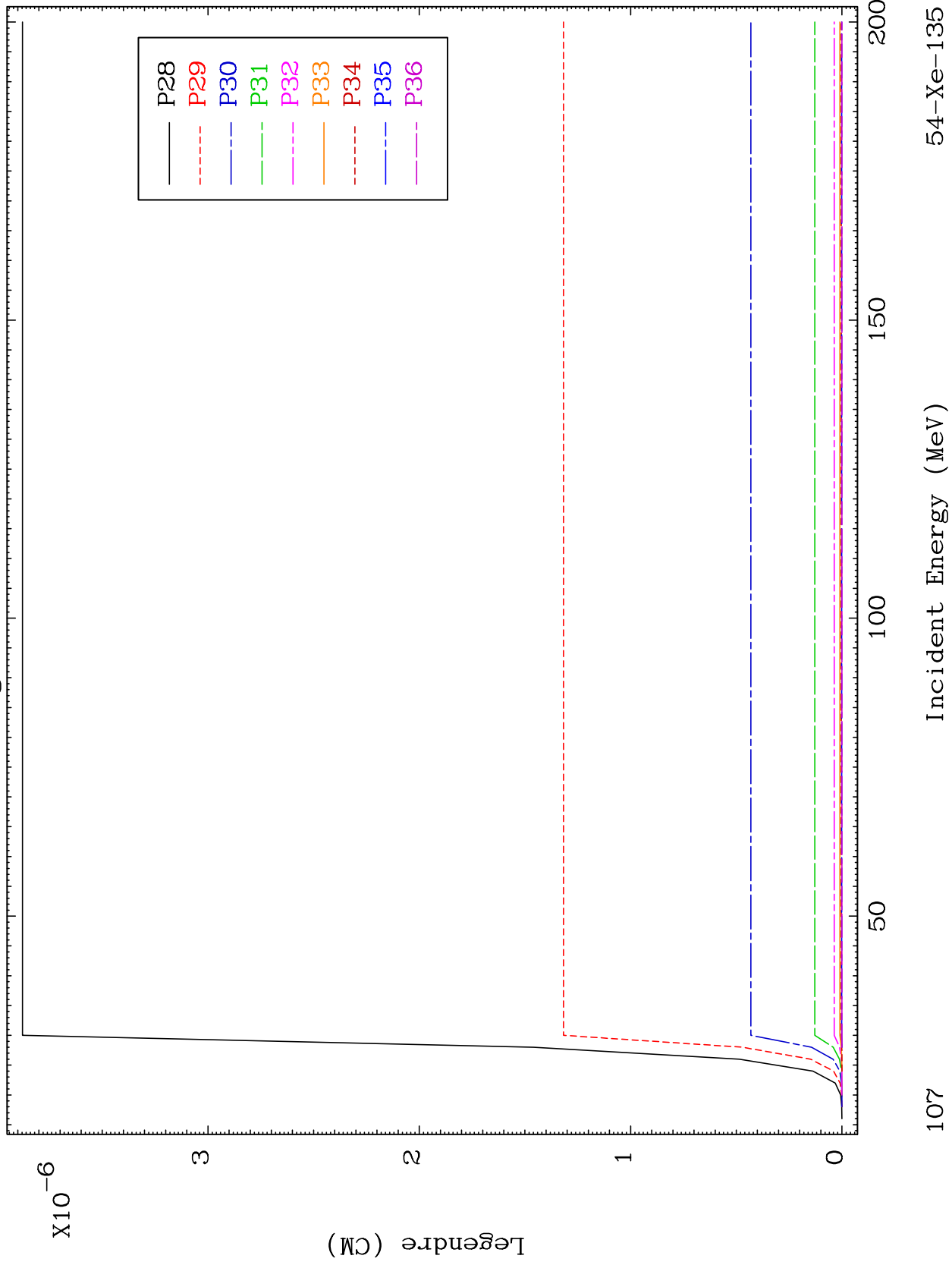
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

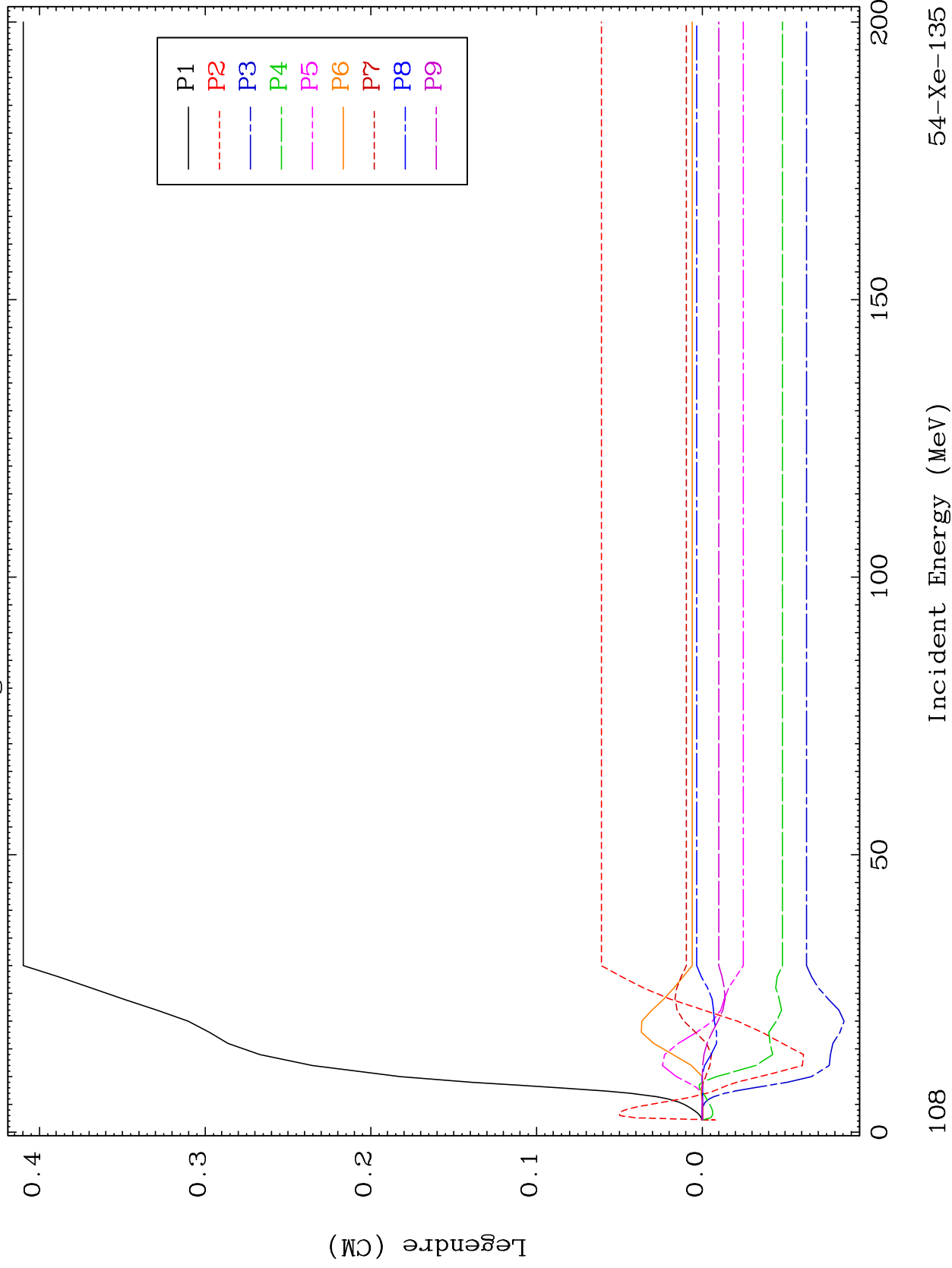
54-Xe-135



MAT 5458

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

54-Xe-135



54-Xe-135

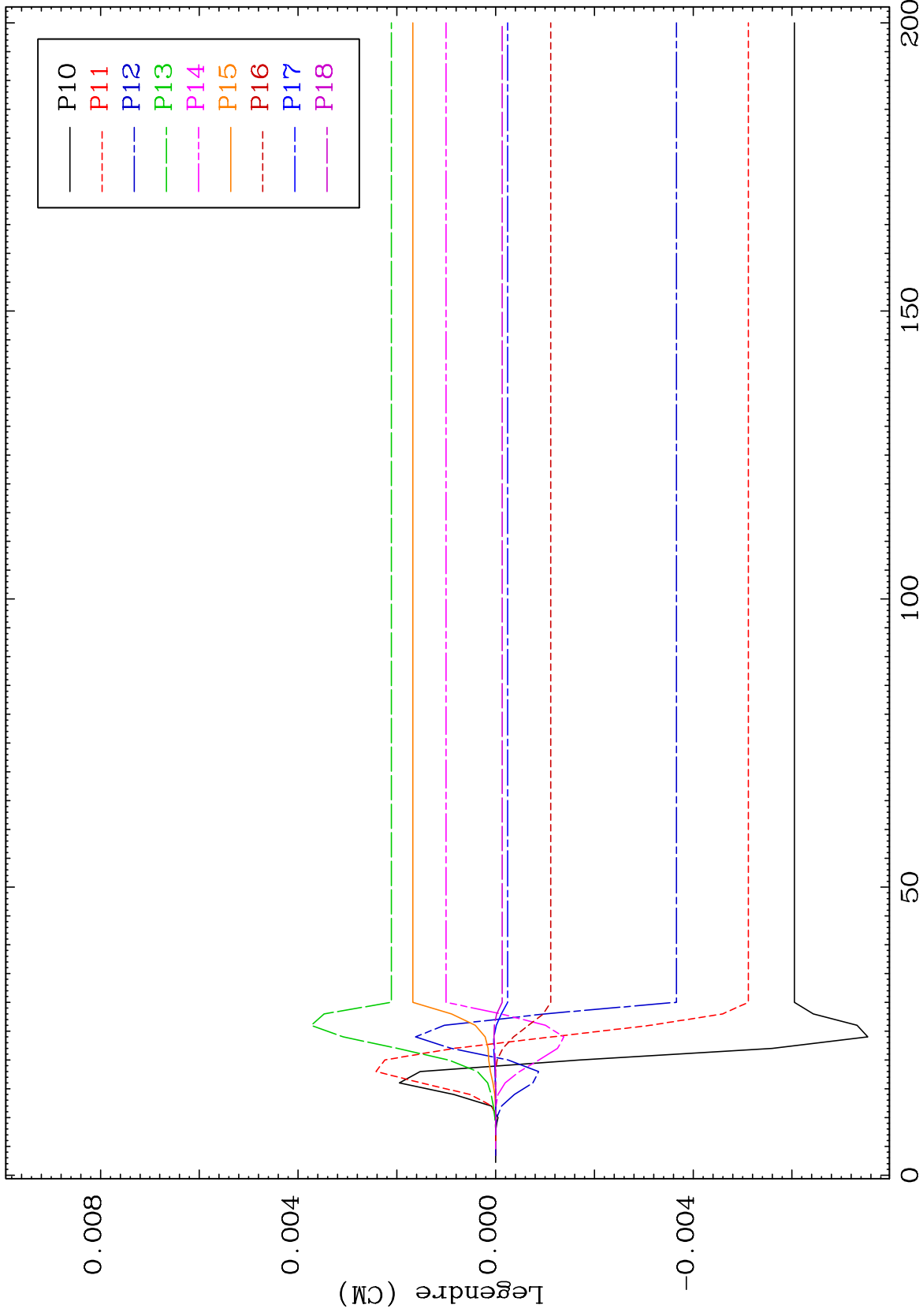
Incident Energy (MeV)

108

MAT 5458

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

54-Xe-135



109

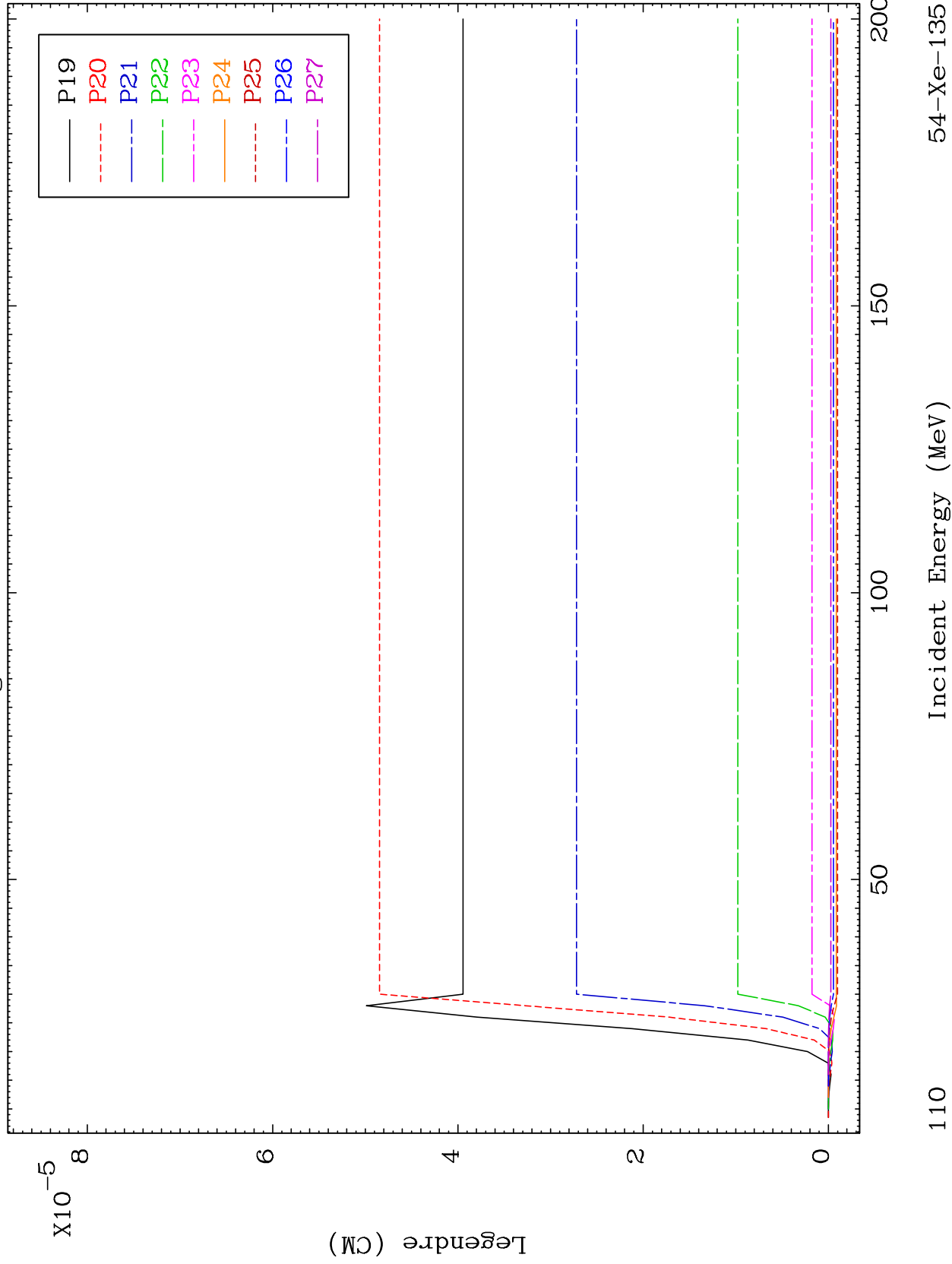
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135

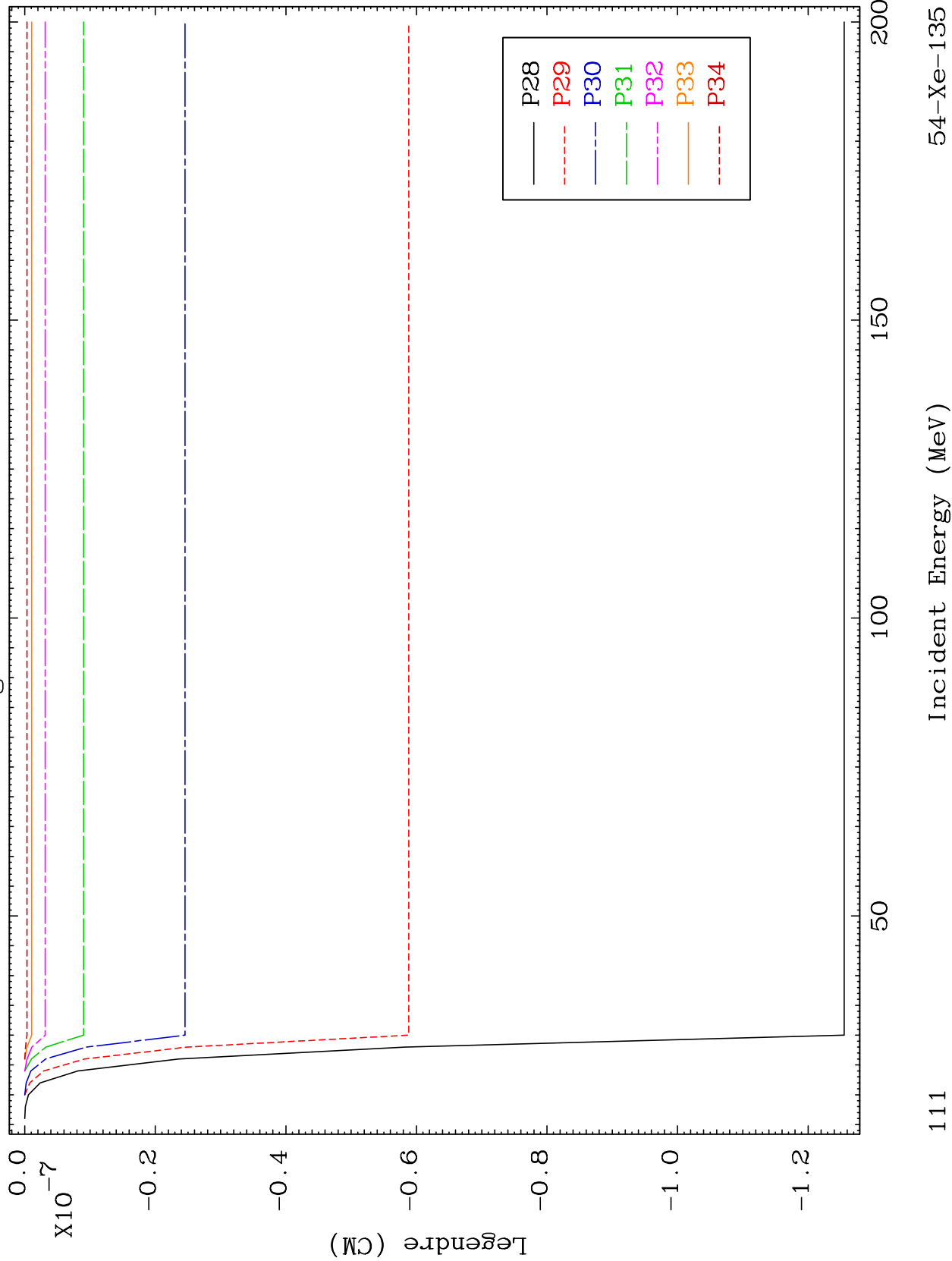


MAT 5458

MT= 73 (n,n') Level

54-Xe-135

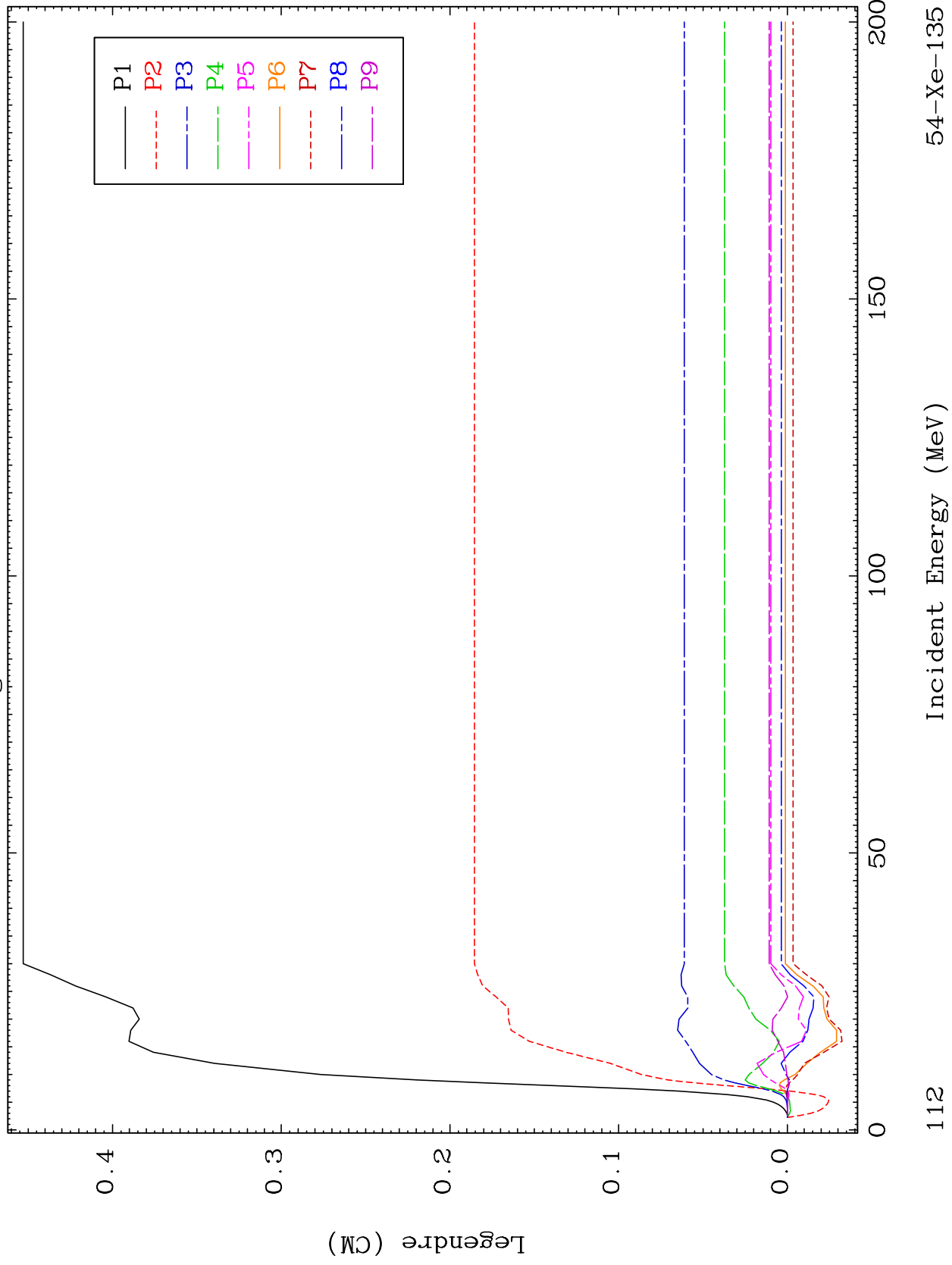
Legendre Coefficients



MAT 5458

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

54-Xe-135



54-Xe-135

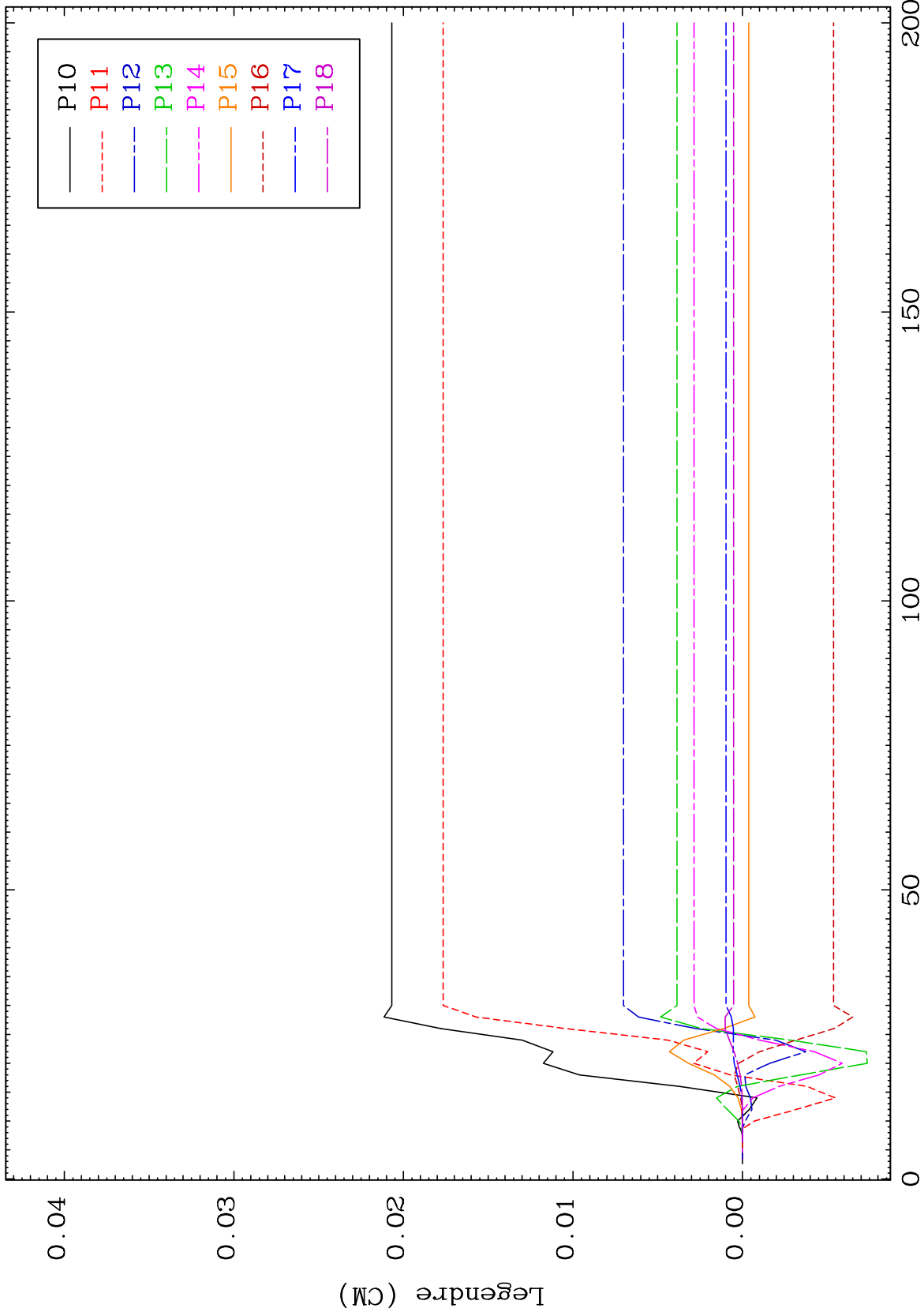
Incident Energy (MeV)

112

MAT 5458

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

54-Xe-135



113

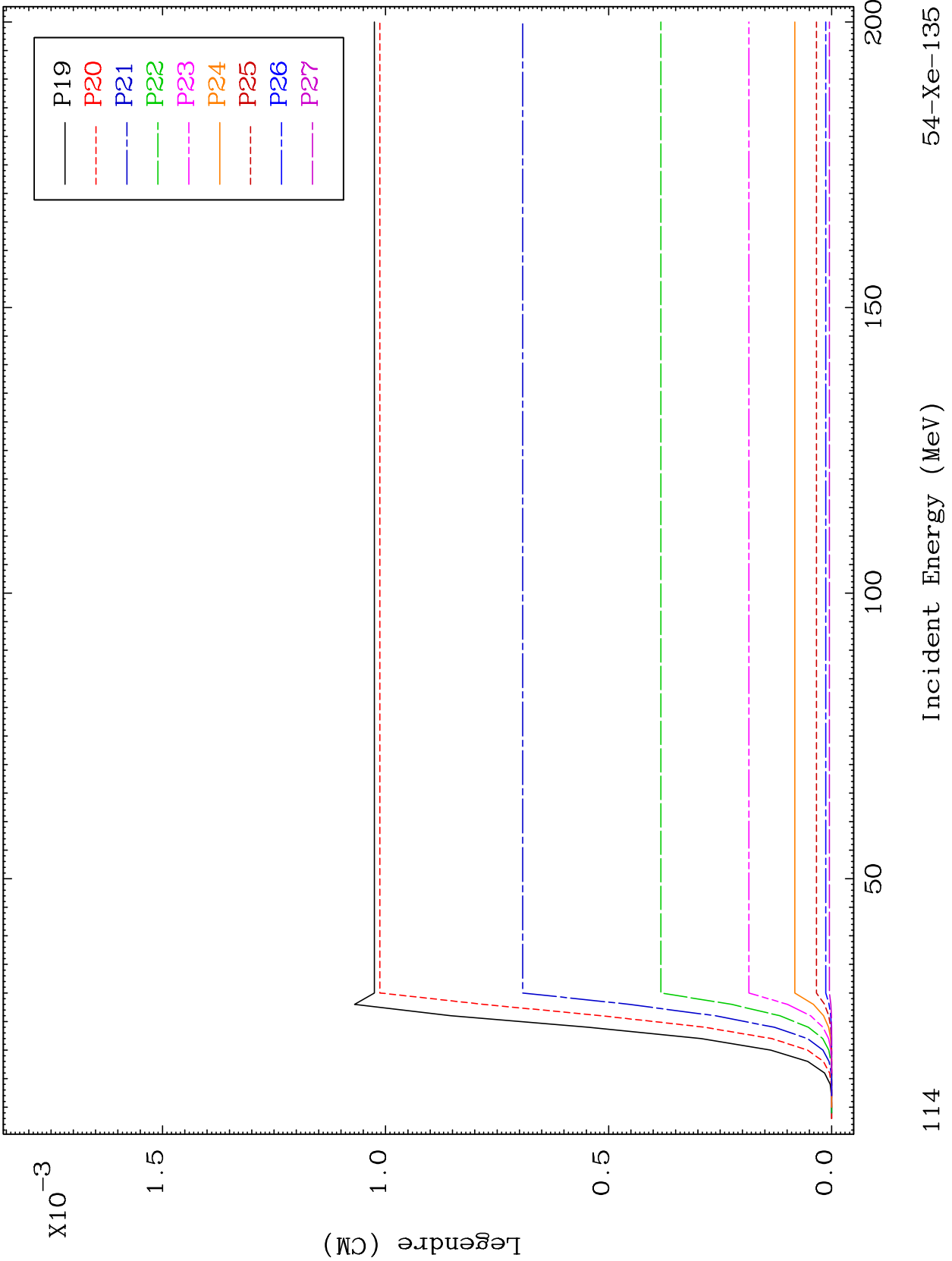
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



114

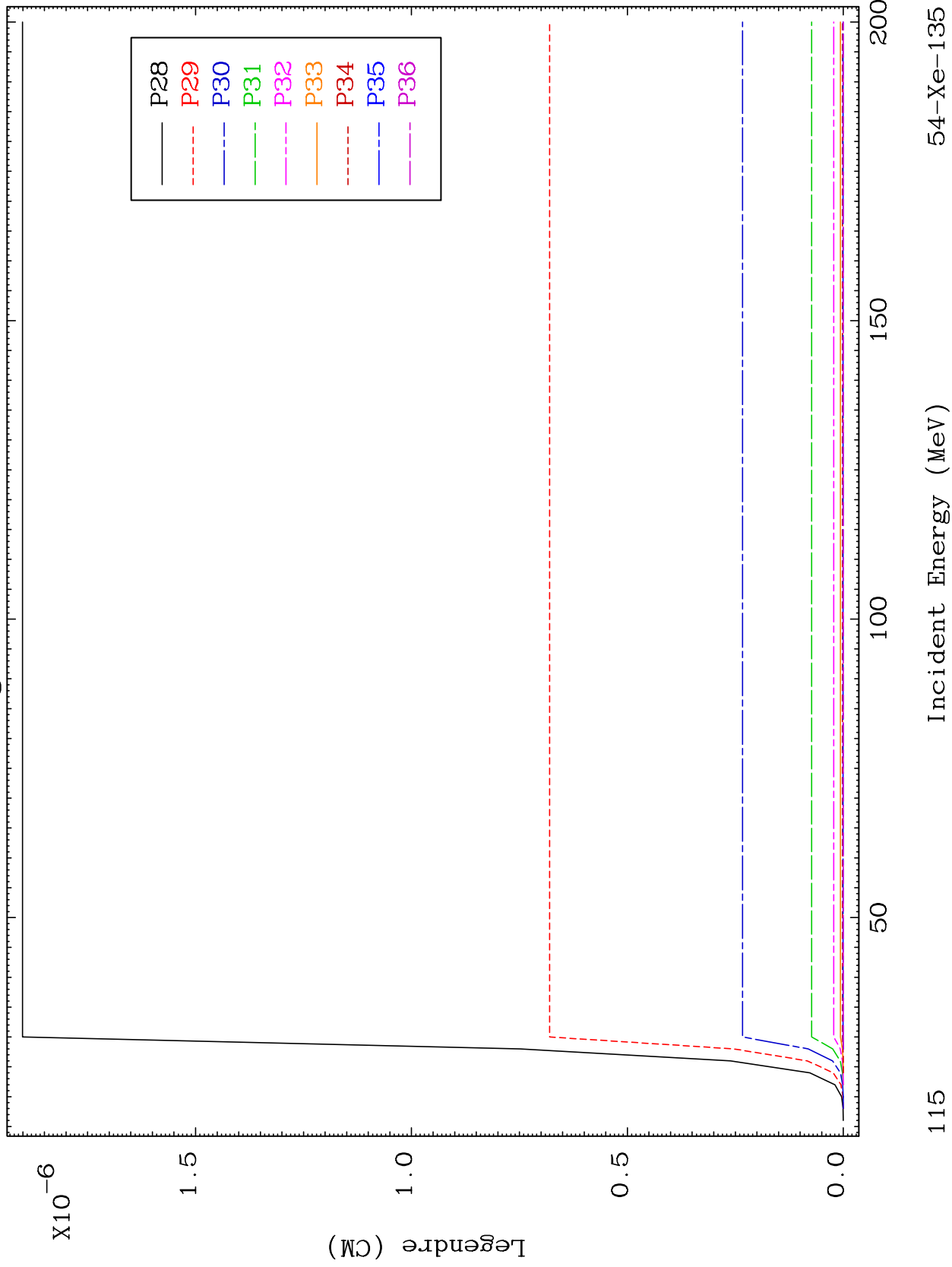
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

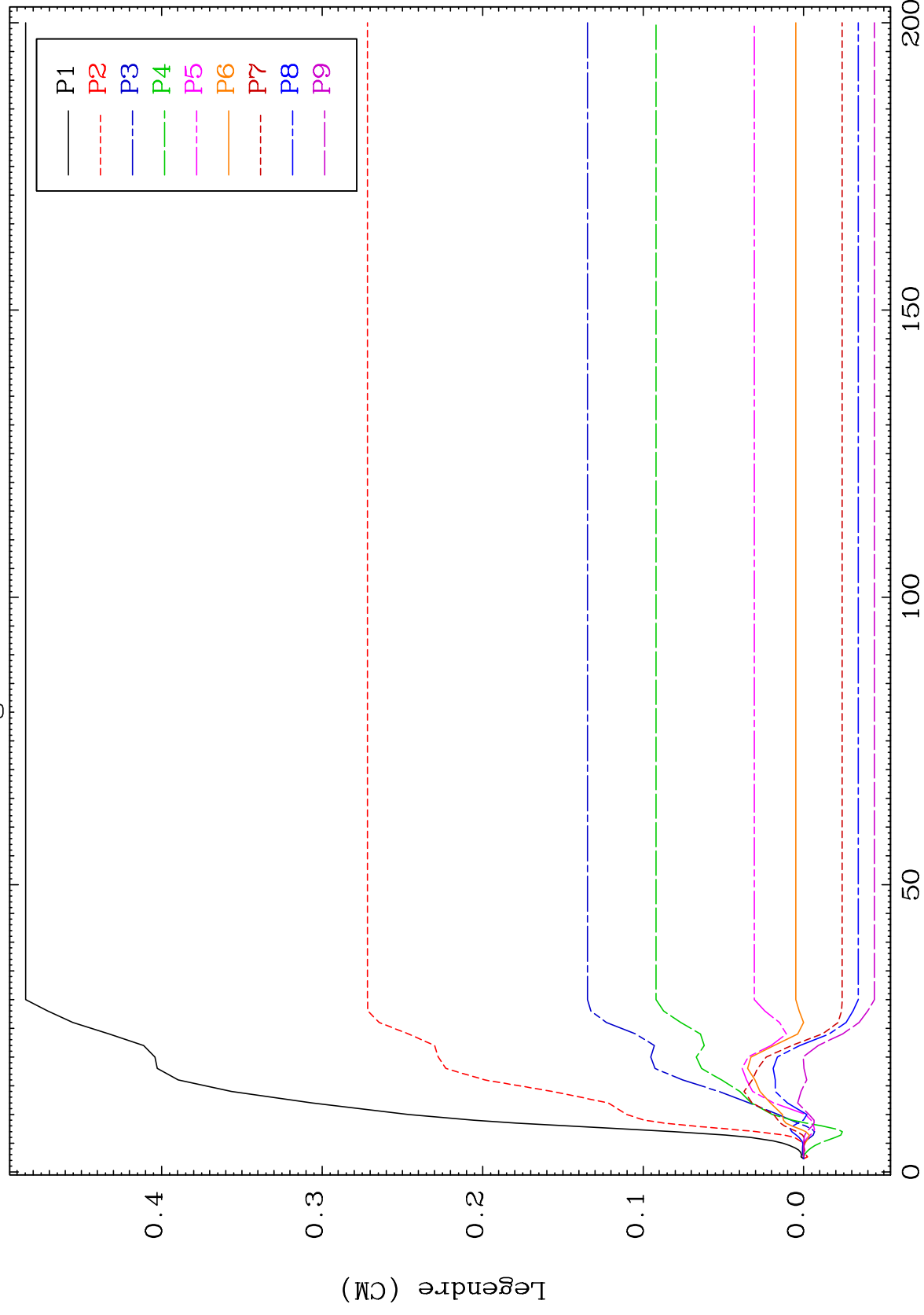
Incident Energy (MeV)

115

MAT 5458

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

54-Xe-135



116

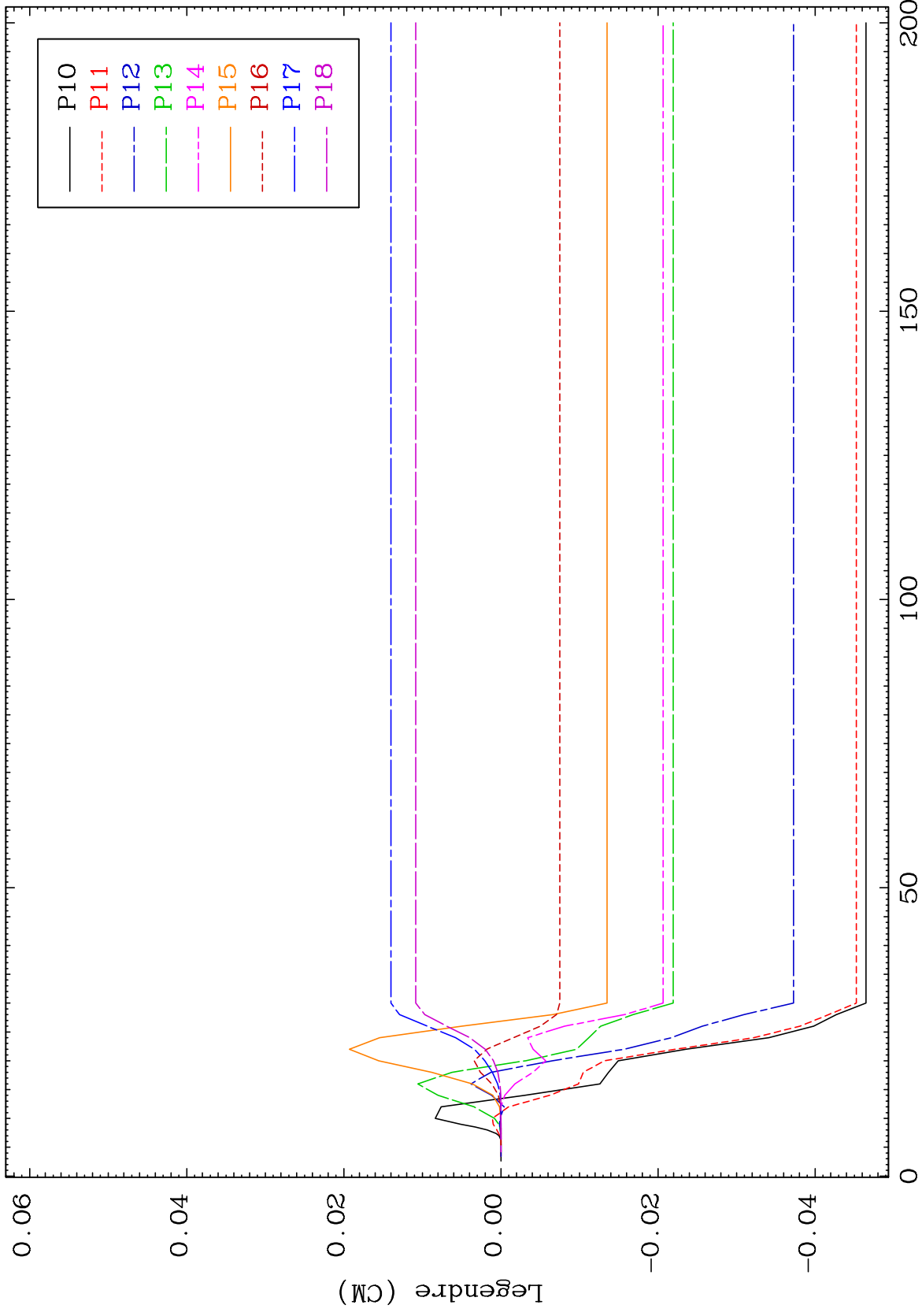
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



117

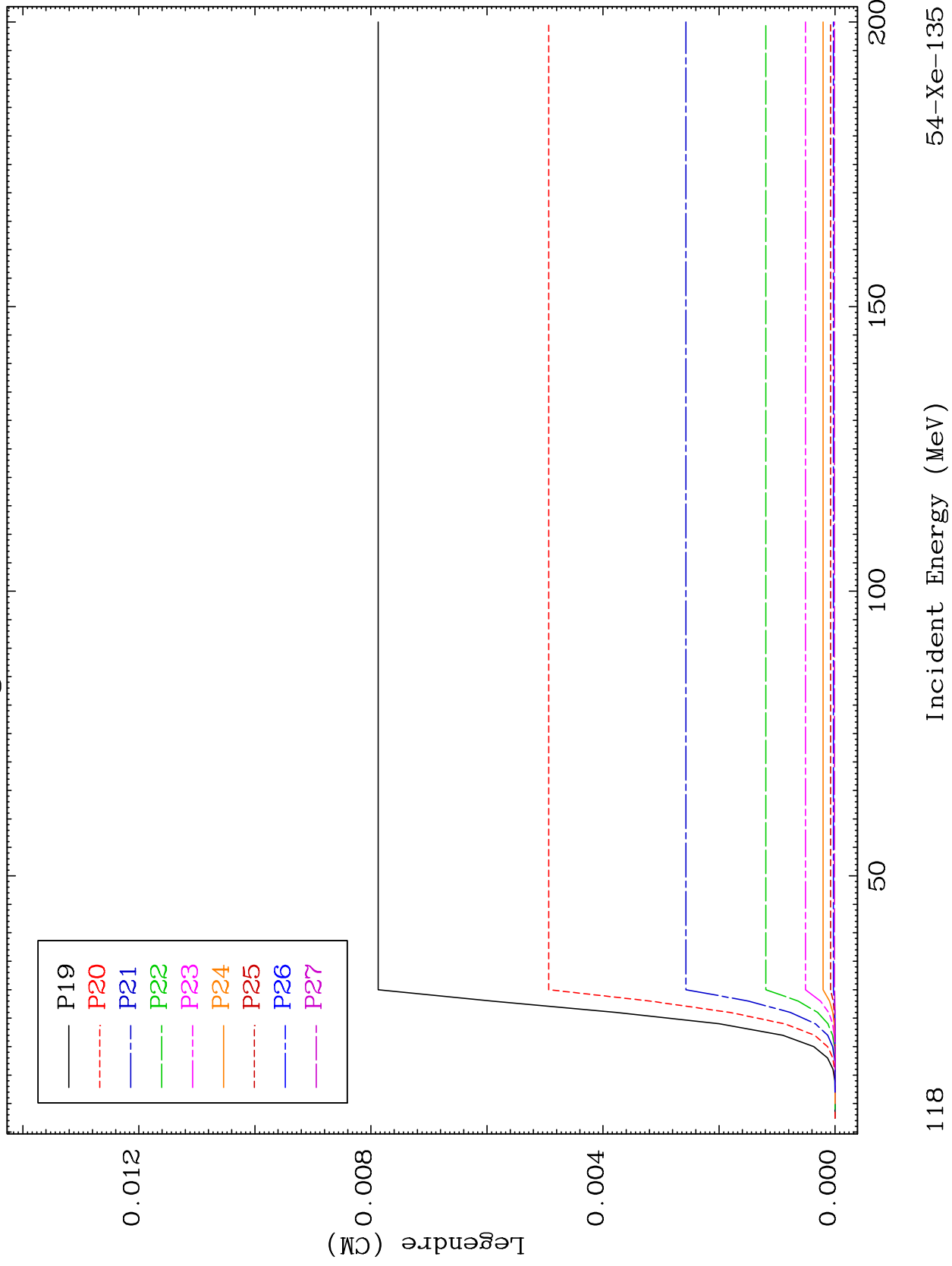
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



118

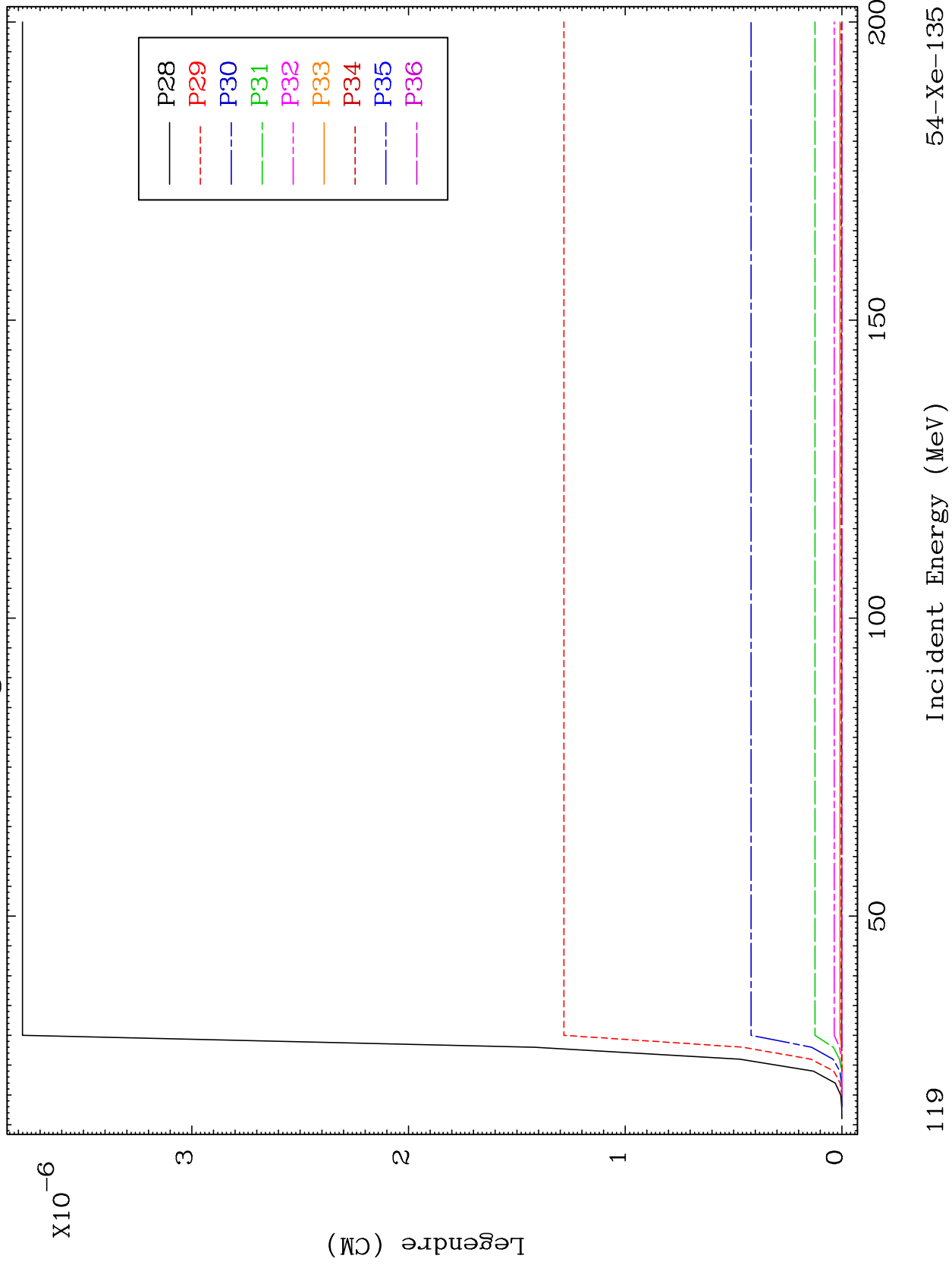
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135

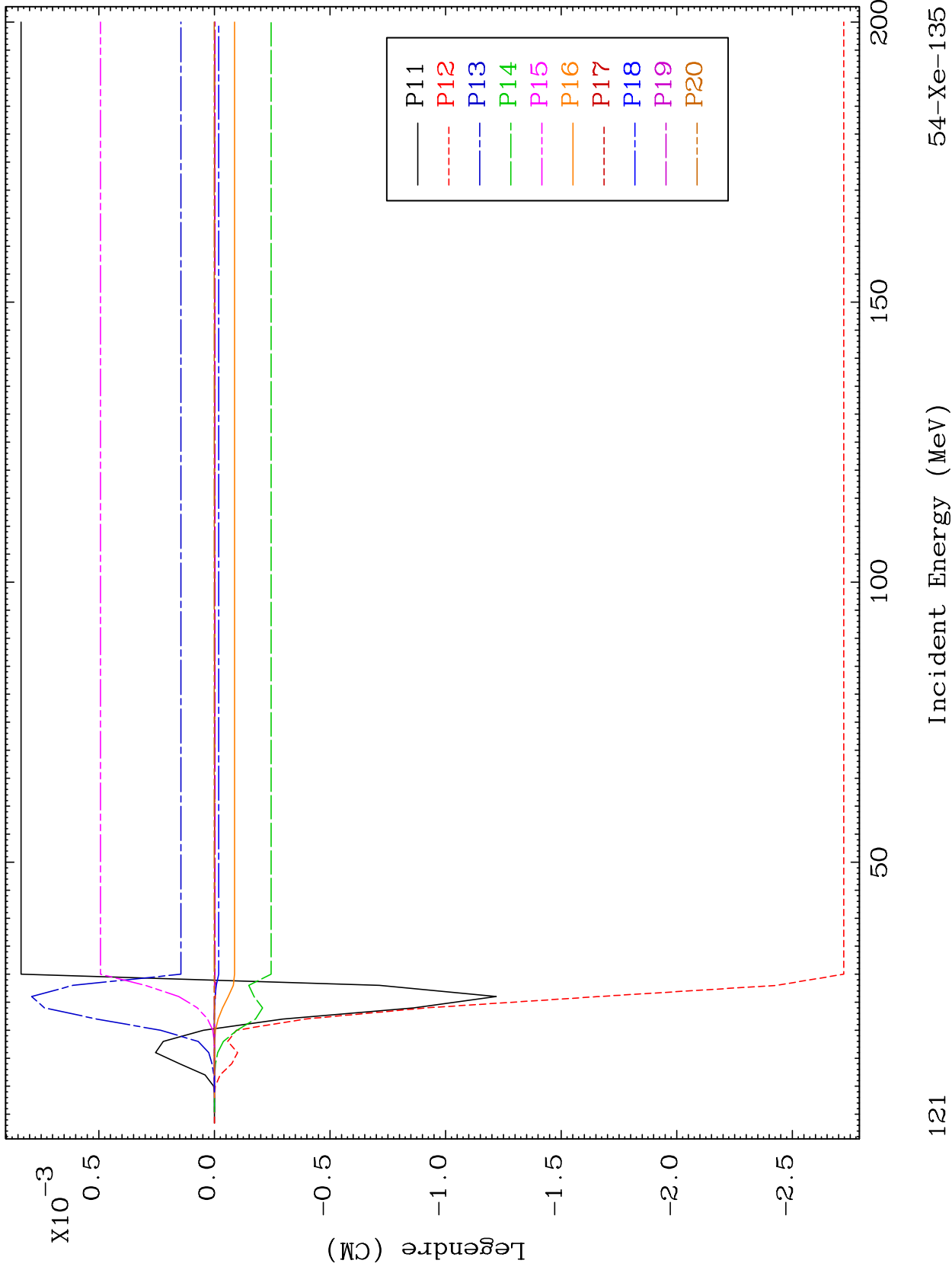


119

MAT 5458

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

54-Xe-135



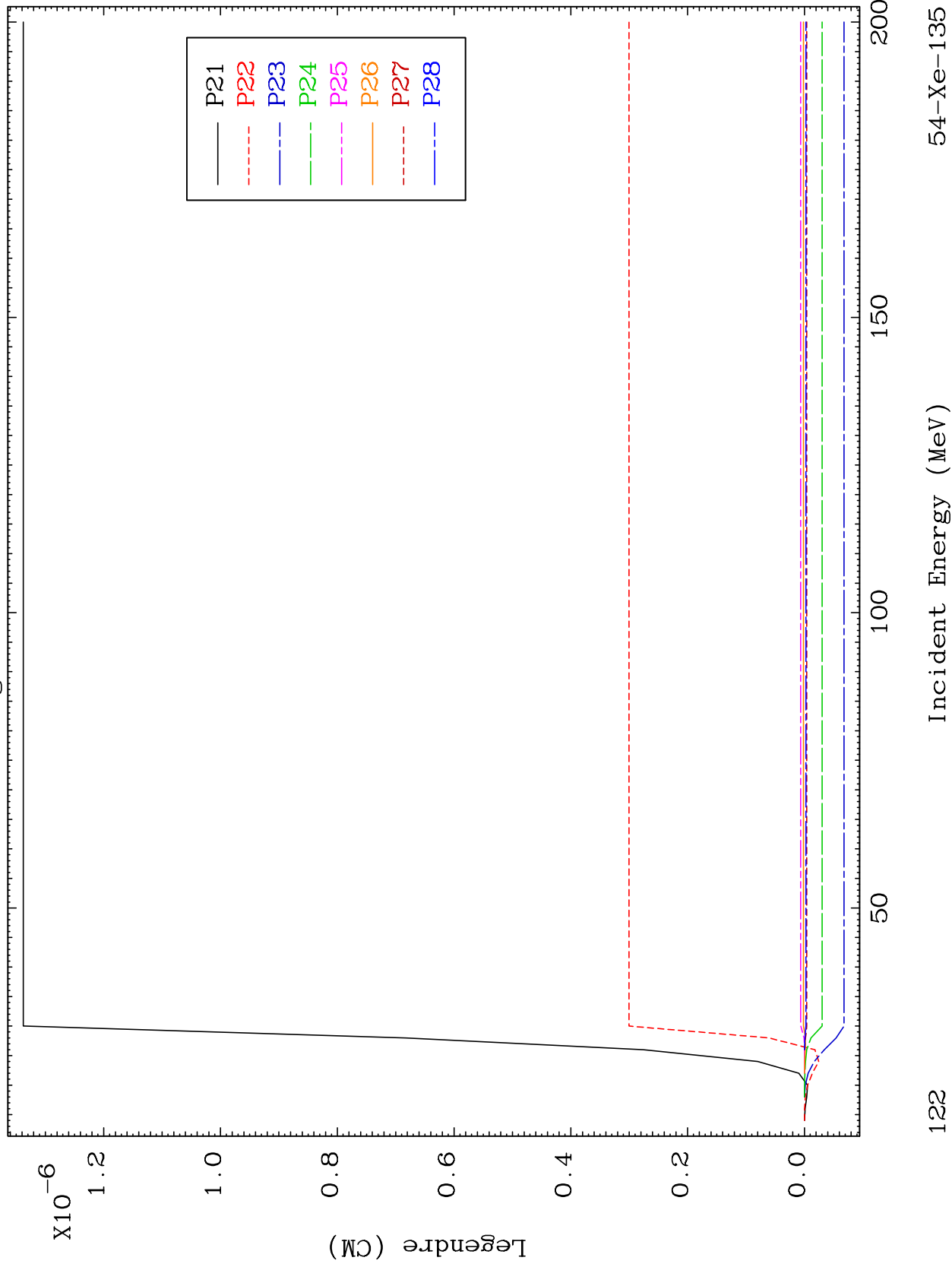
121

54-Xe-135

MAT 5458

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

54-Xe-135

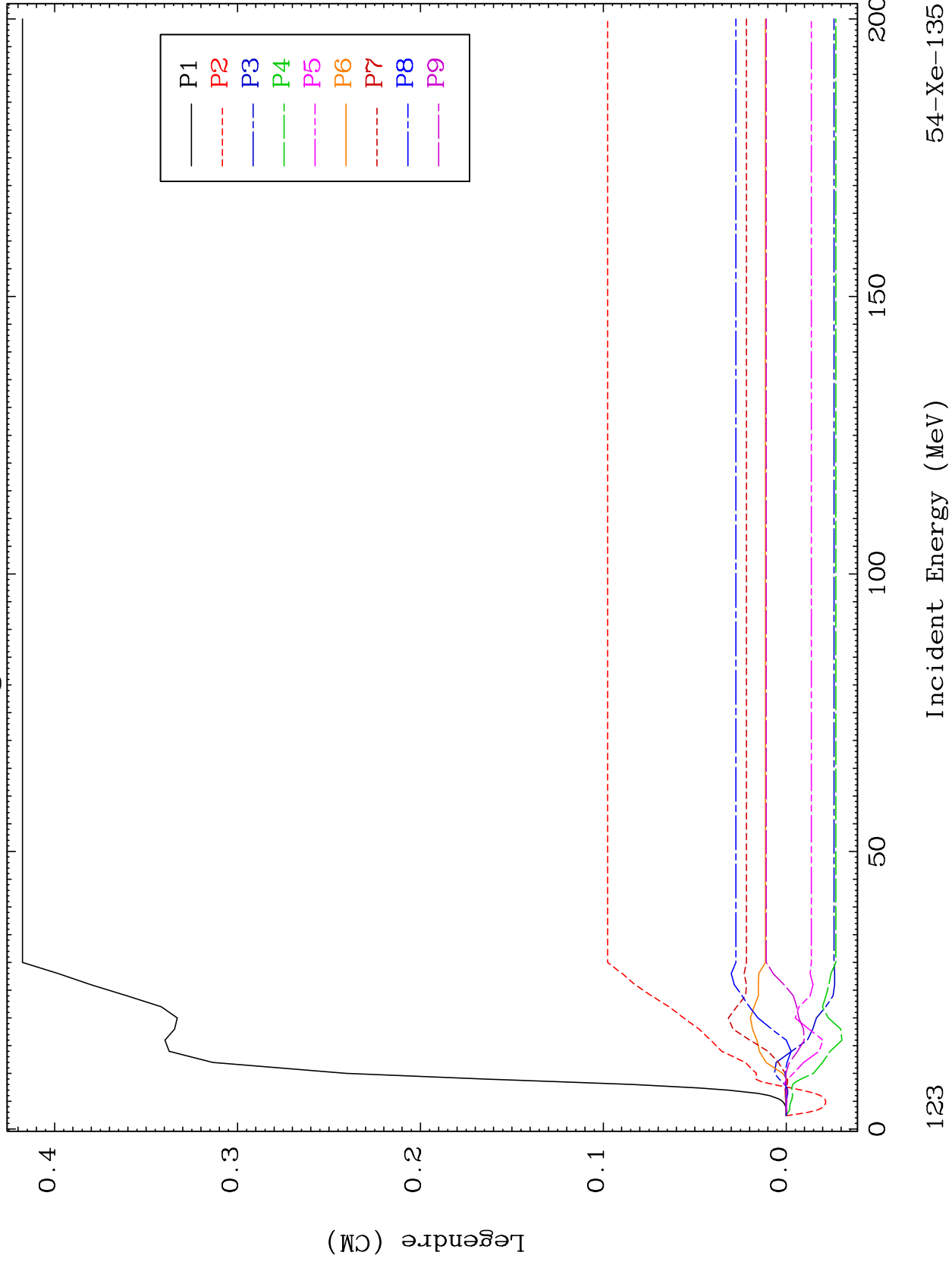


122

MAT 5458

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

54-Xe-135

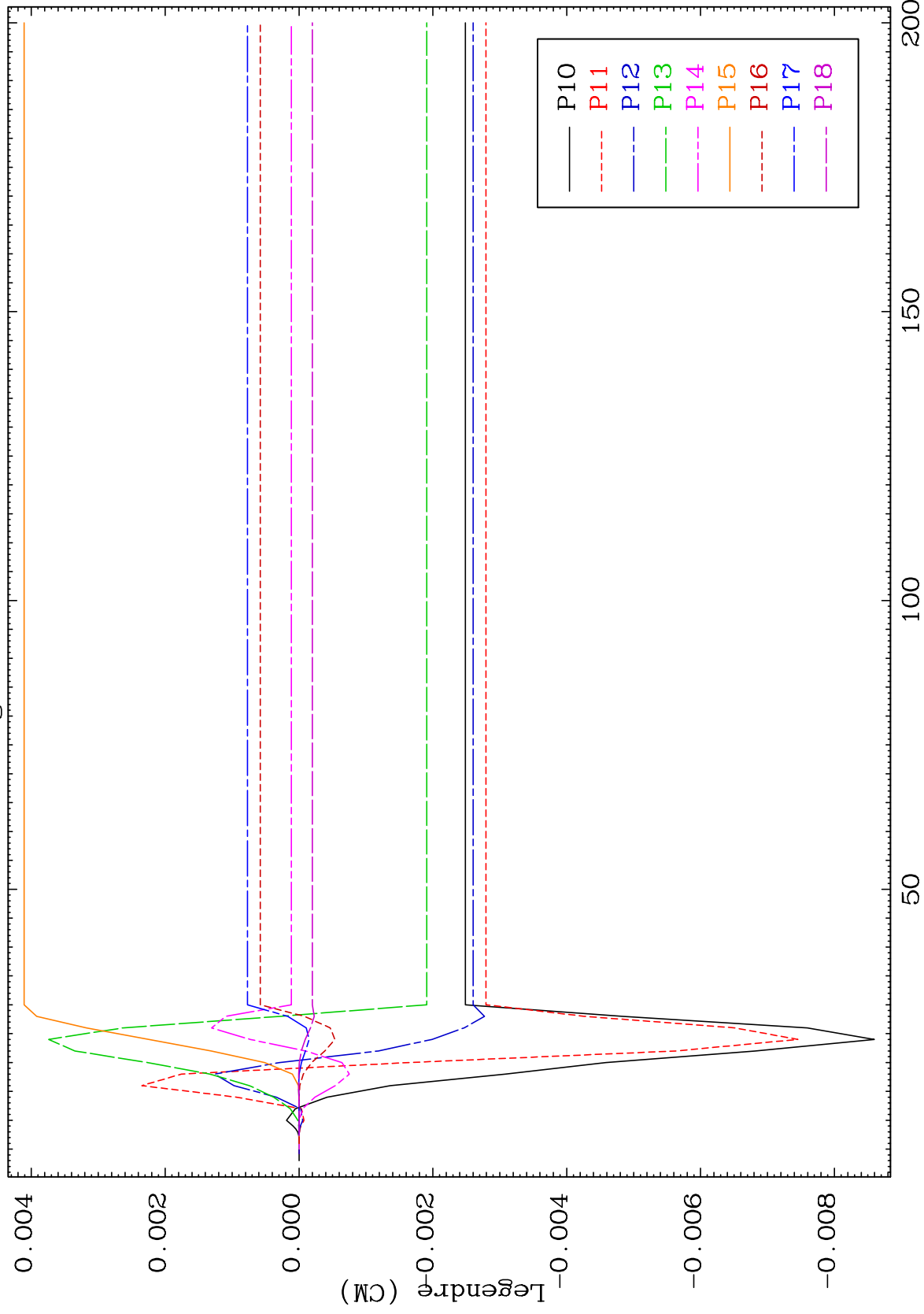


123

MAT 5458

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

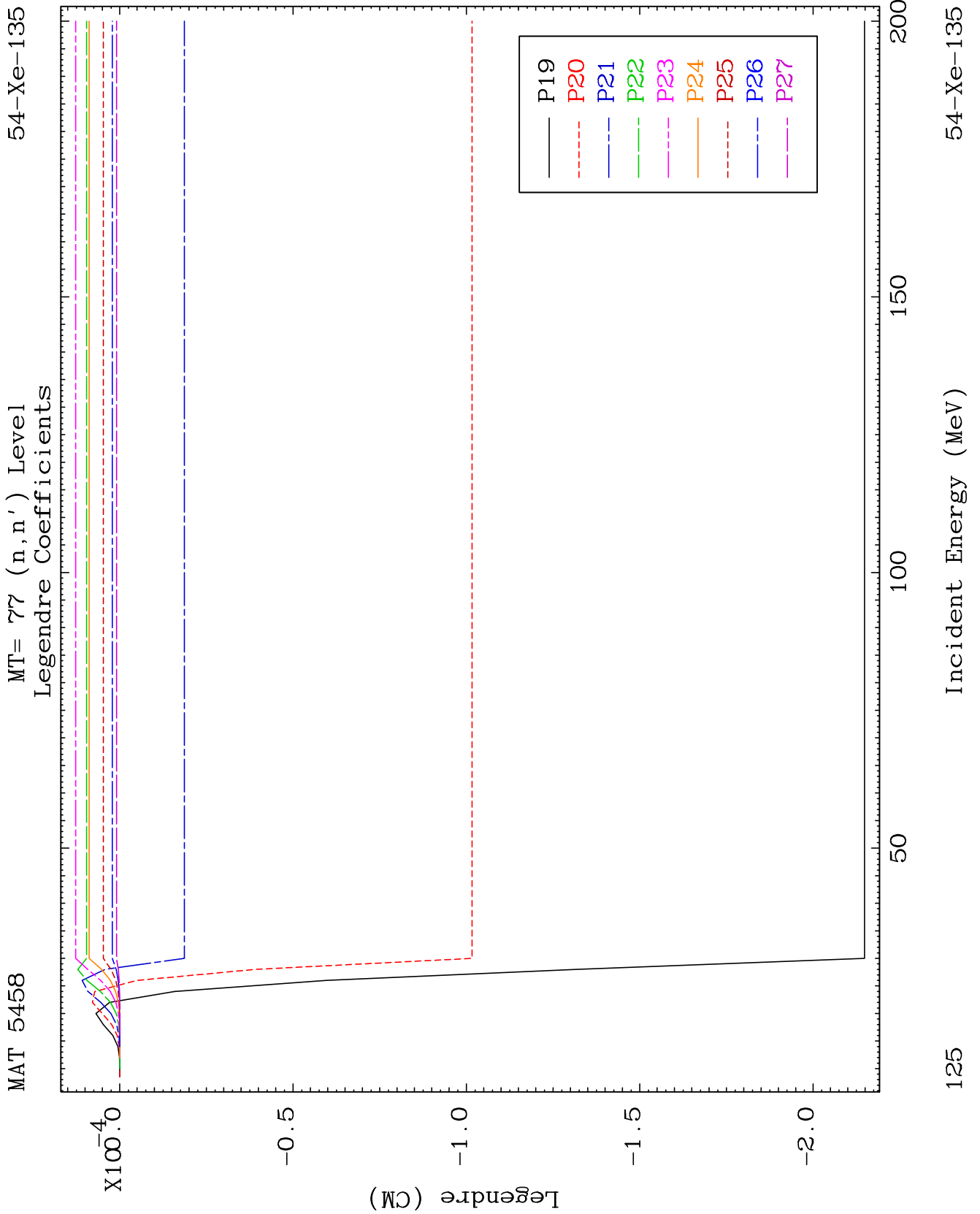
54-Xe-135



124

Incident Energy (MeV)

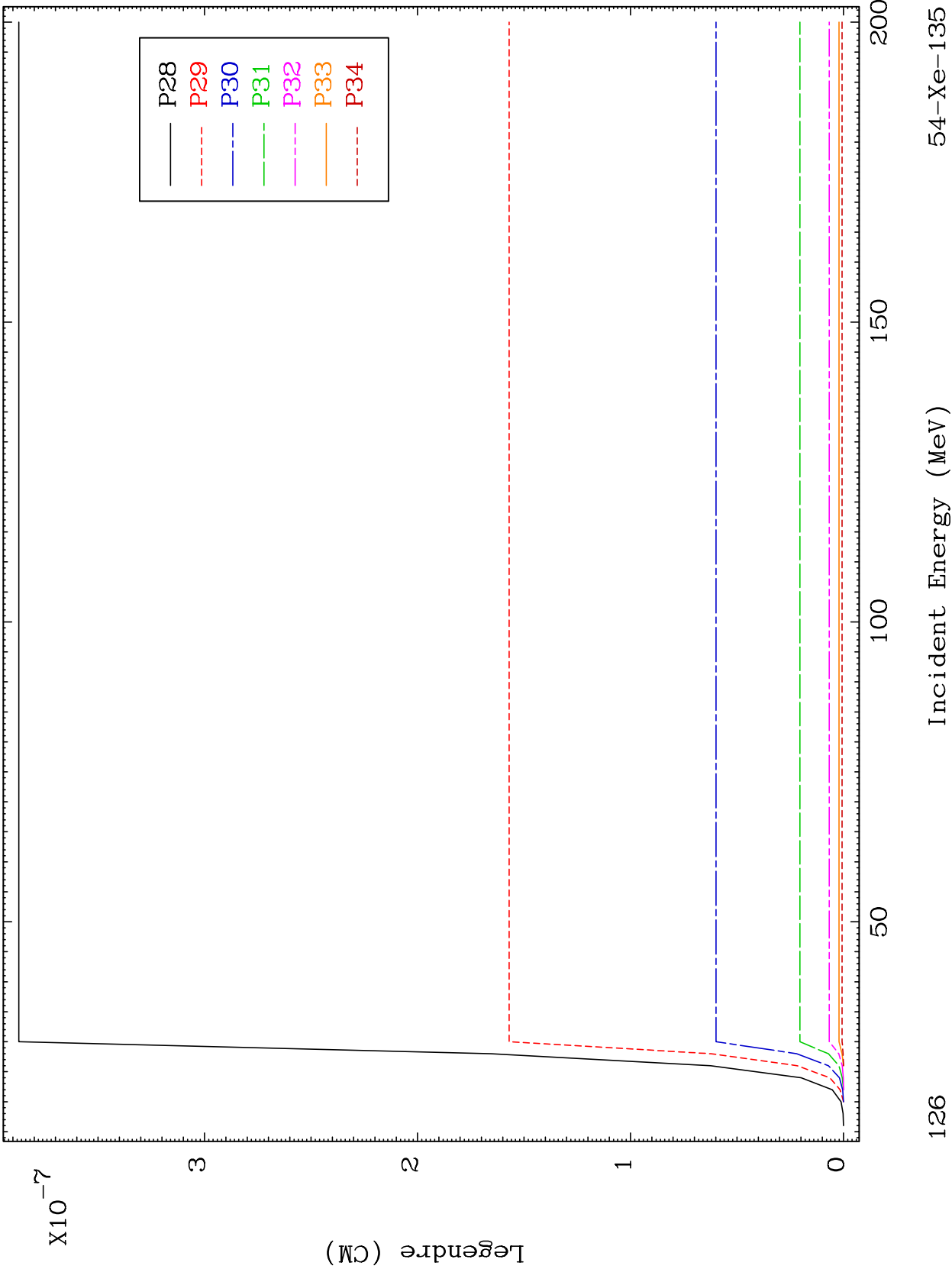
54-Xe-135



MAT 5458

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

54-Xe-135



126

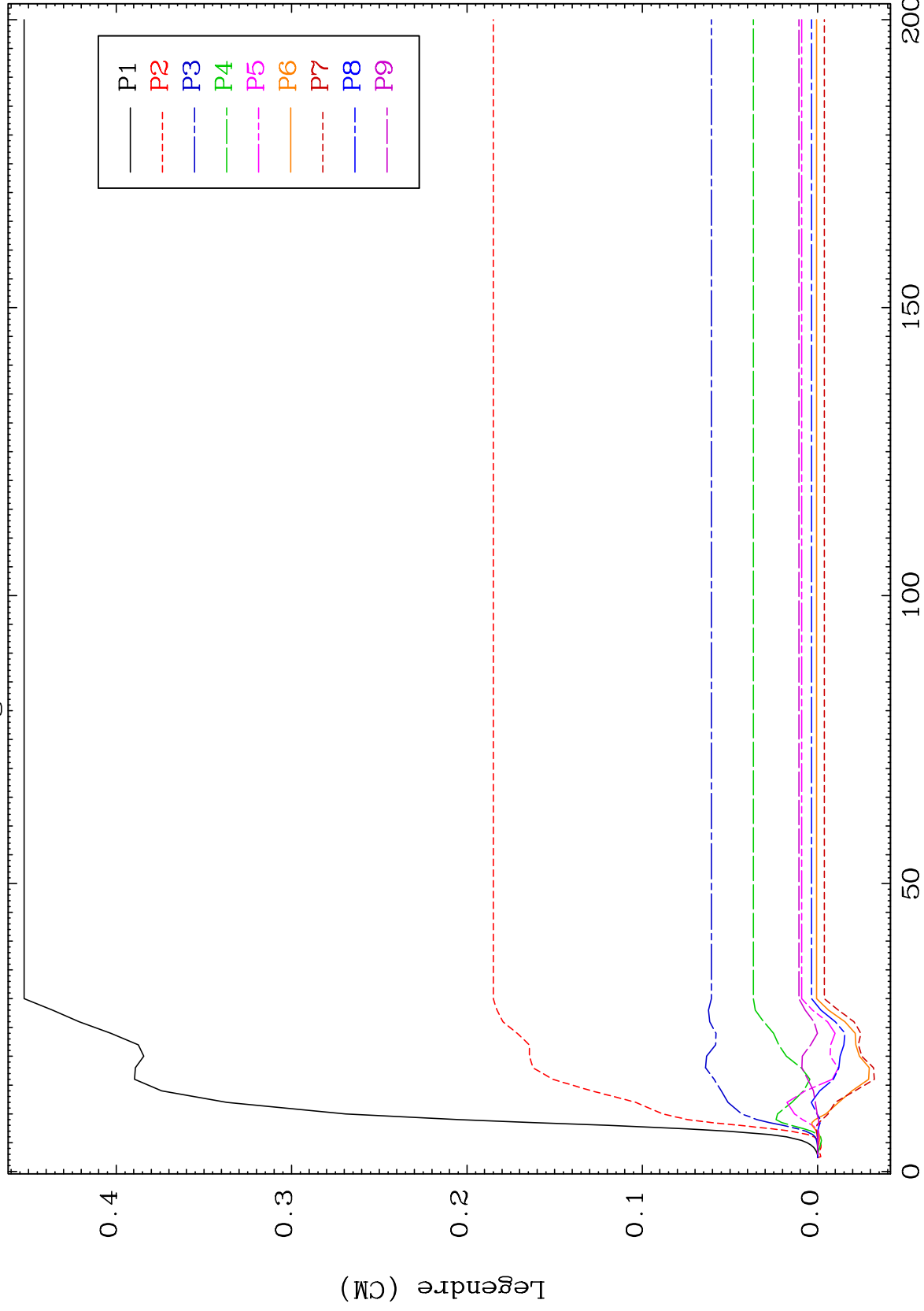
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



127

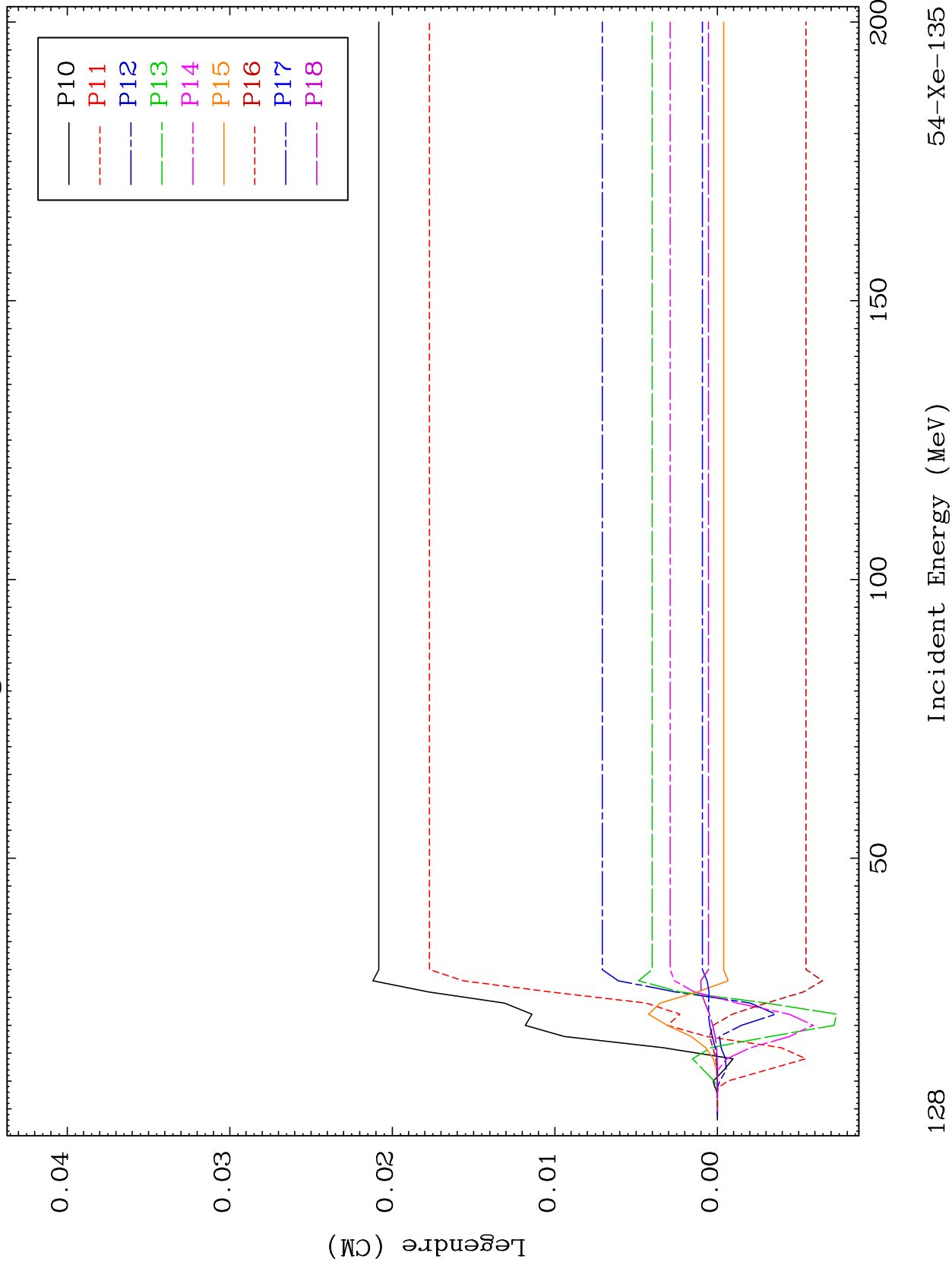
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



128

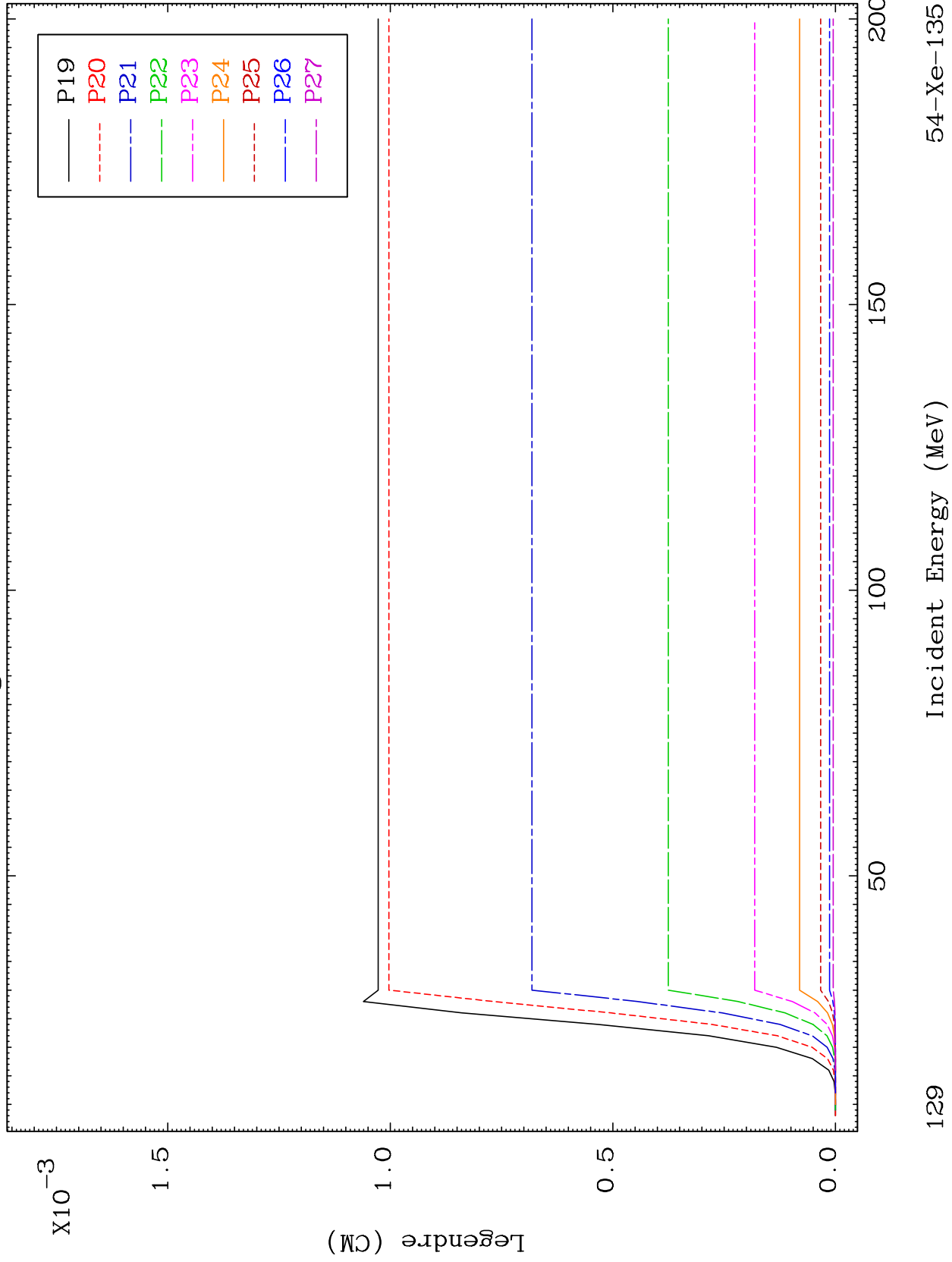
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



129

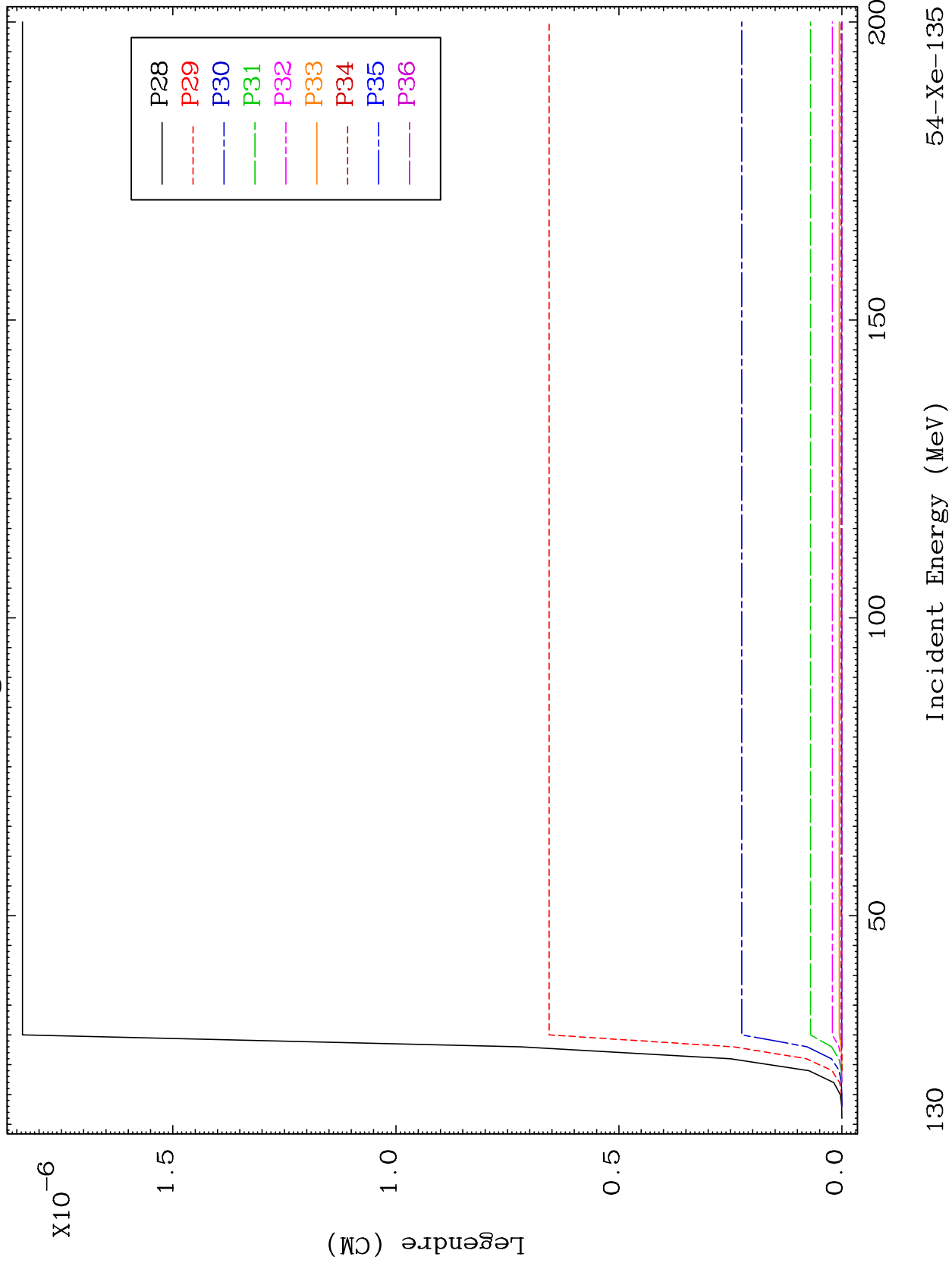
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

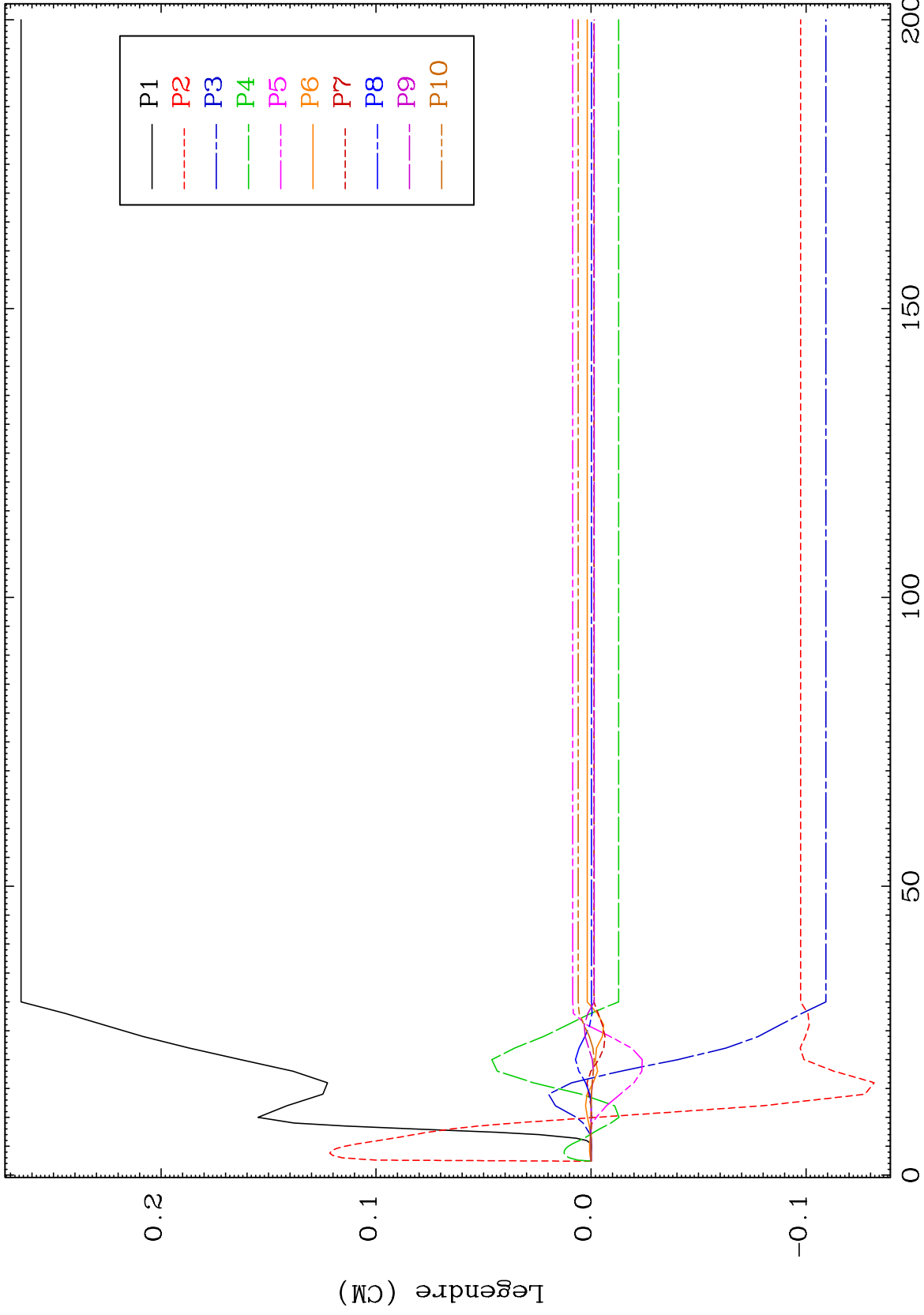
54-Xe-135



MAT 5458

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

54-Xe-135



131

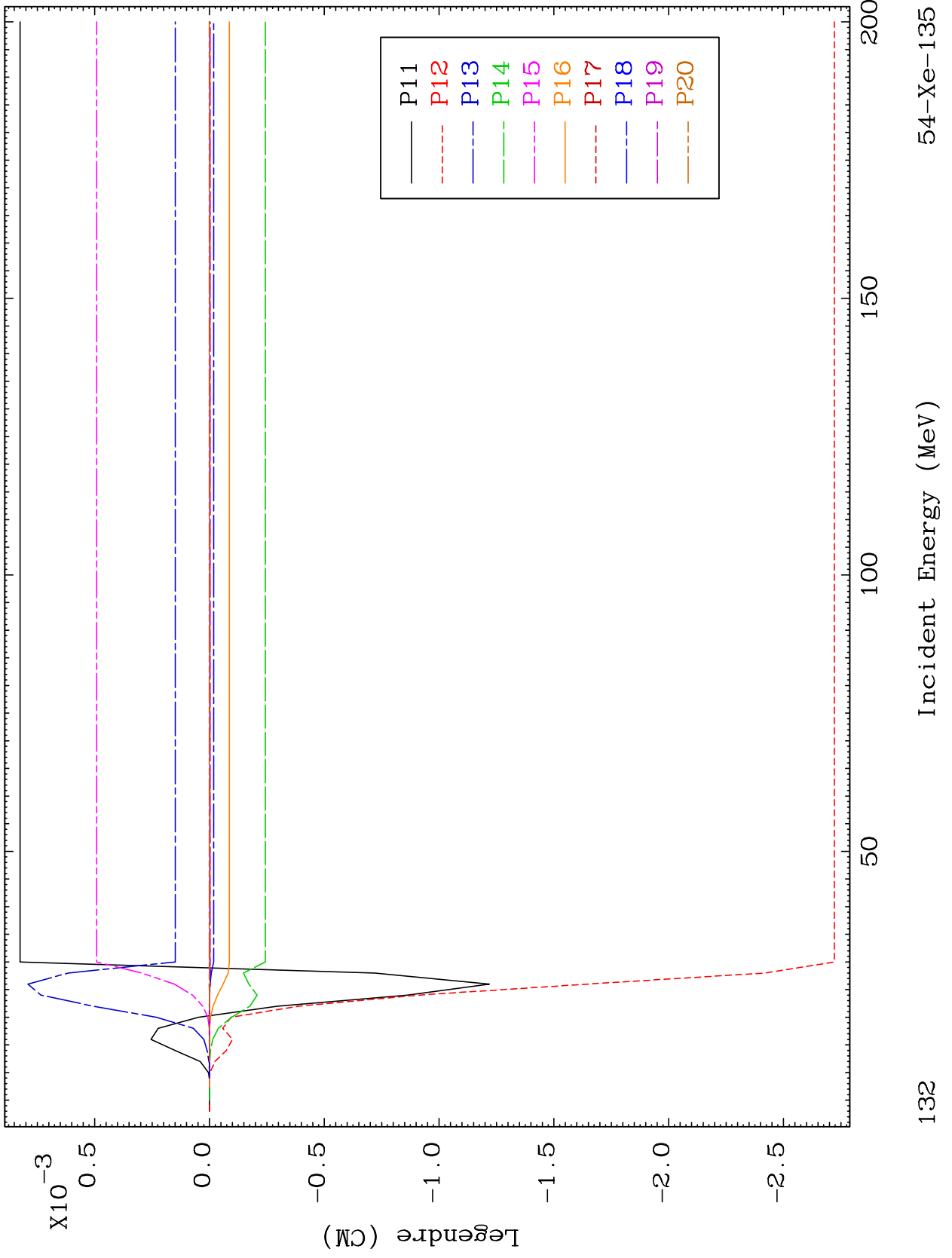
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



132

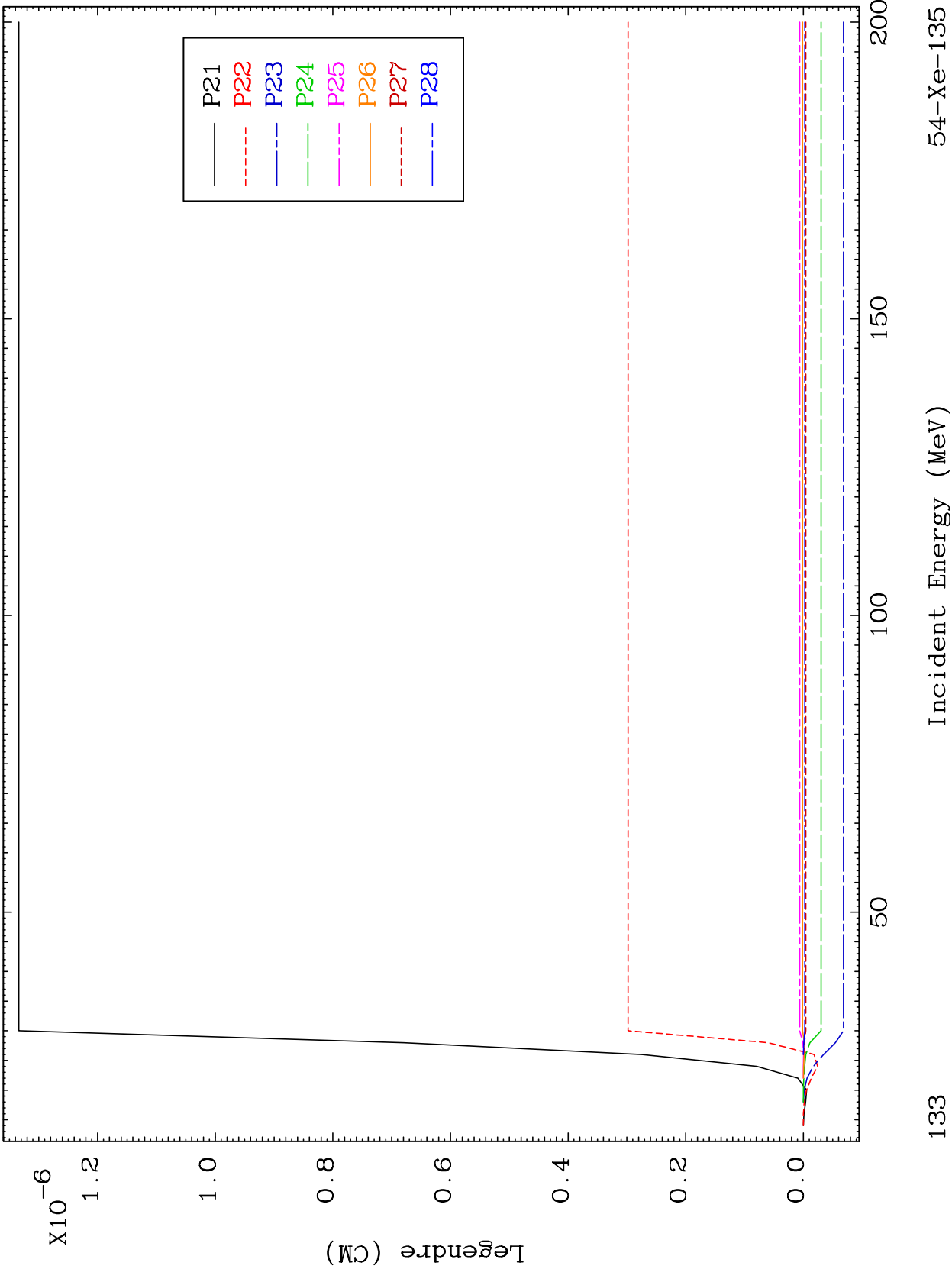
Incident Energy (MeV)

54-Xe-135

MAT 5458

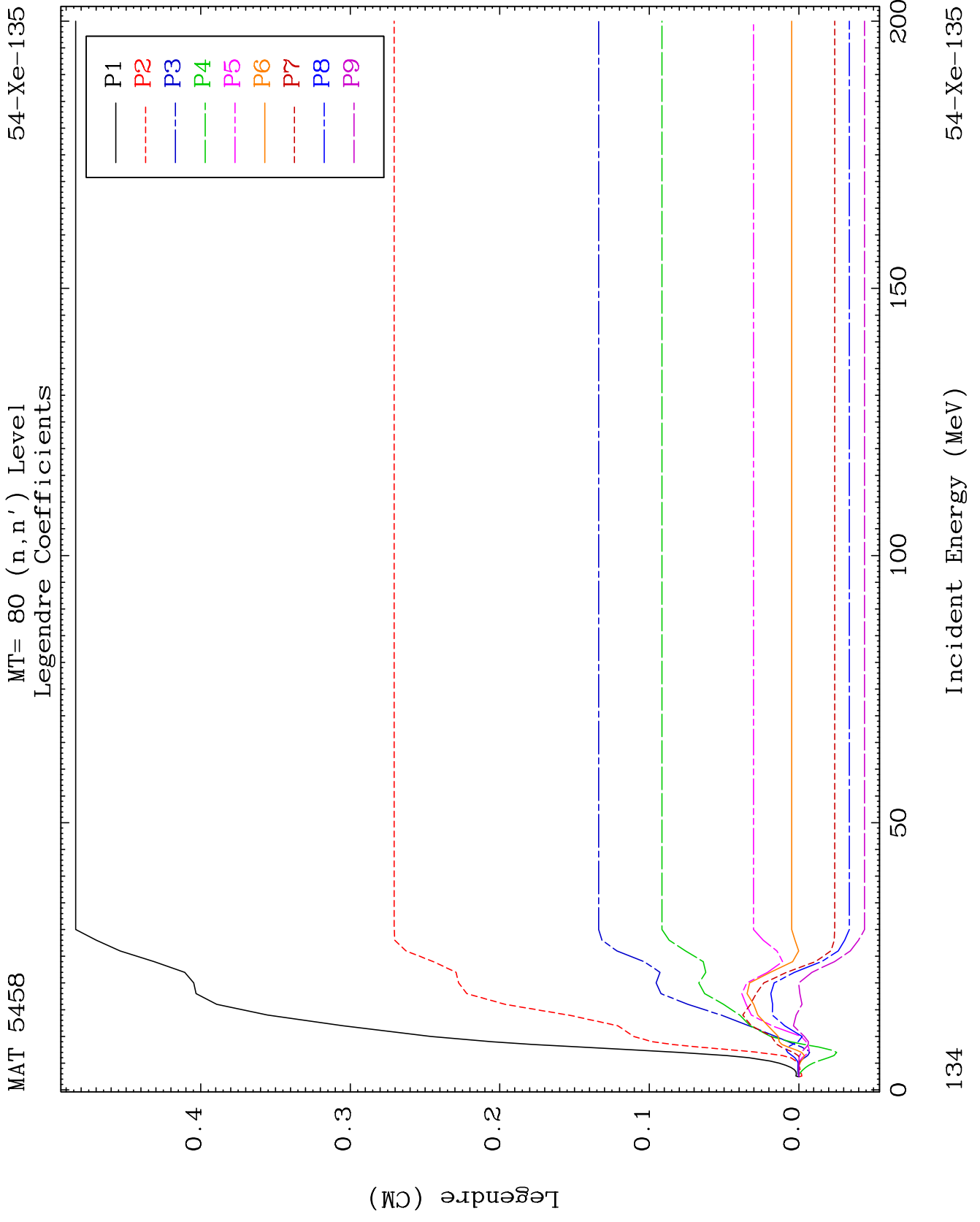
MT= 79 (n,n') Level
Legendre Coefficients

54-Xe-135



133

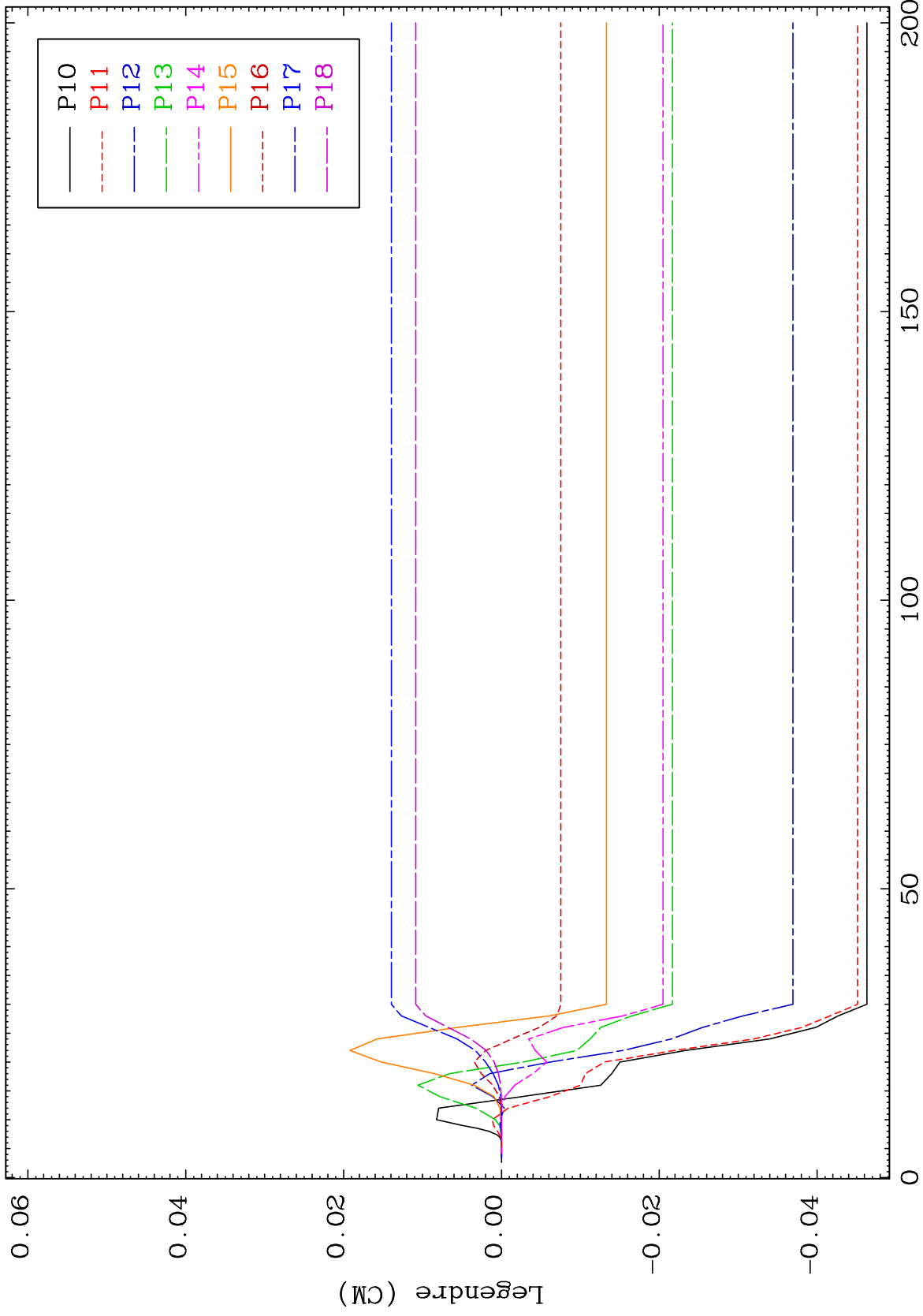
54-Xe-135



MAT 5458

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

54-Xe-135



135

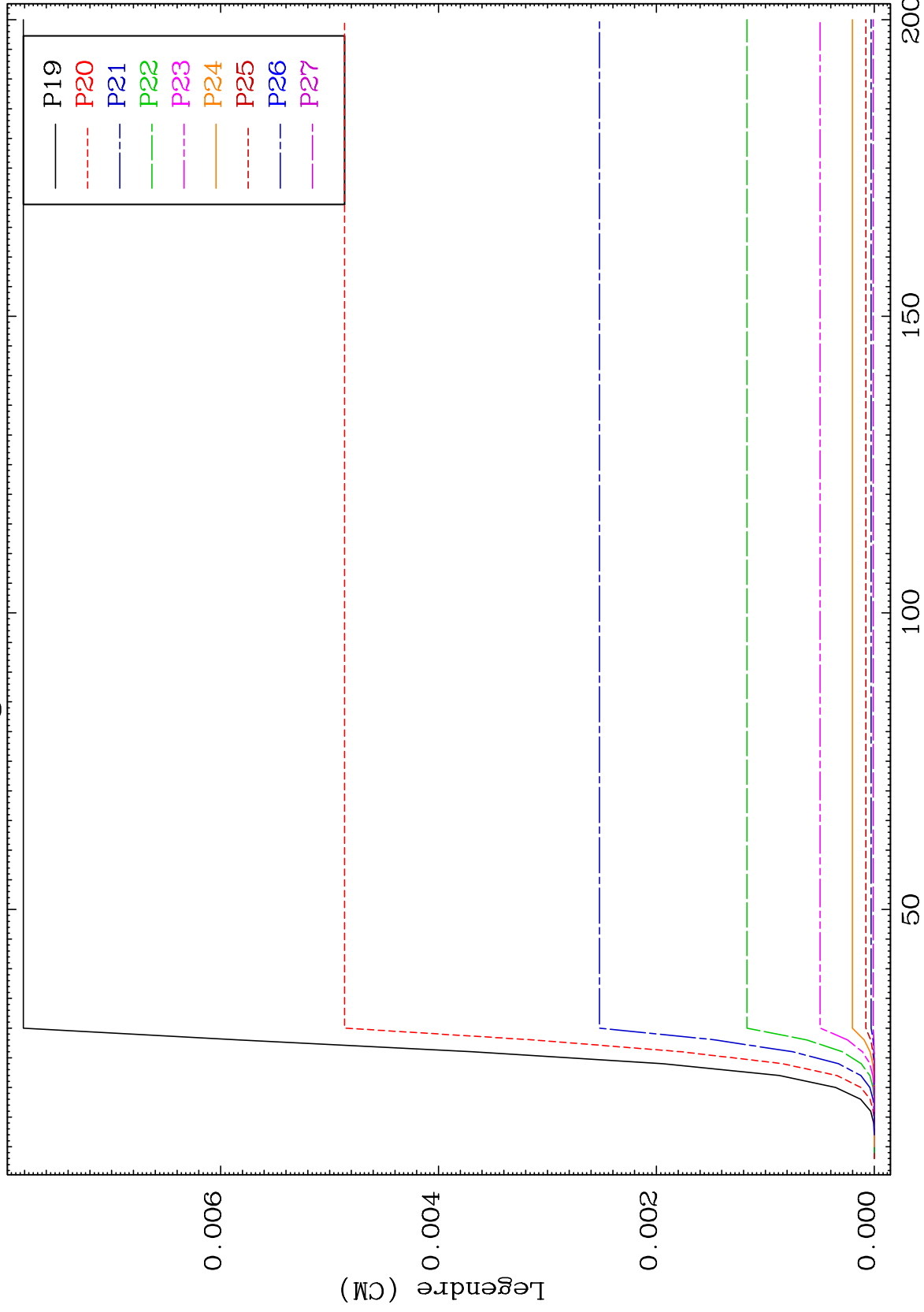
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



136

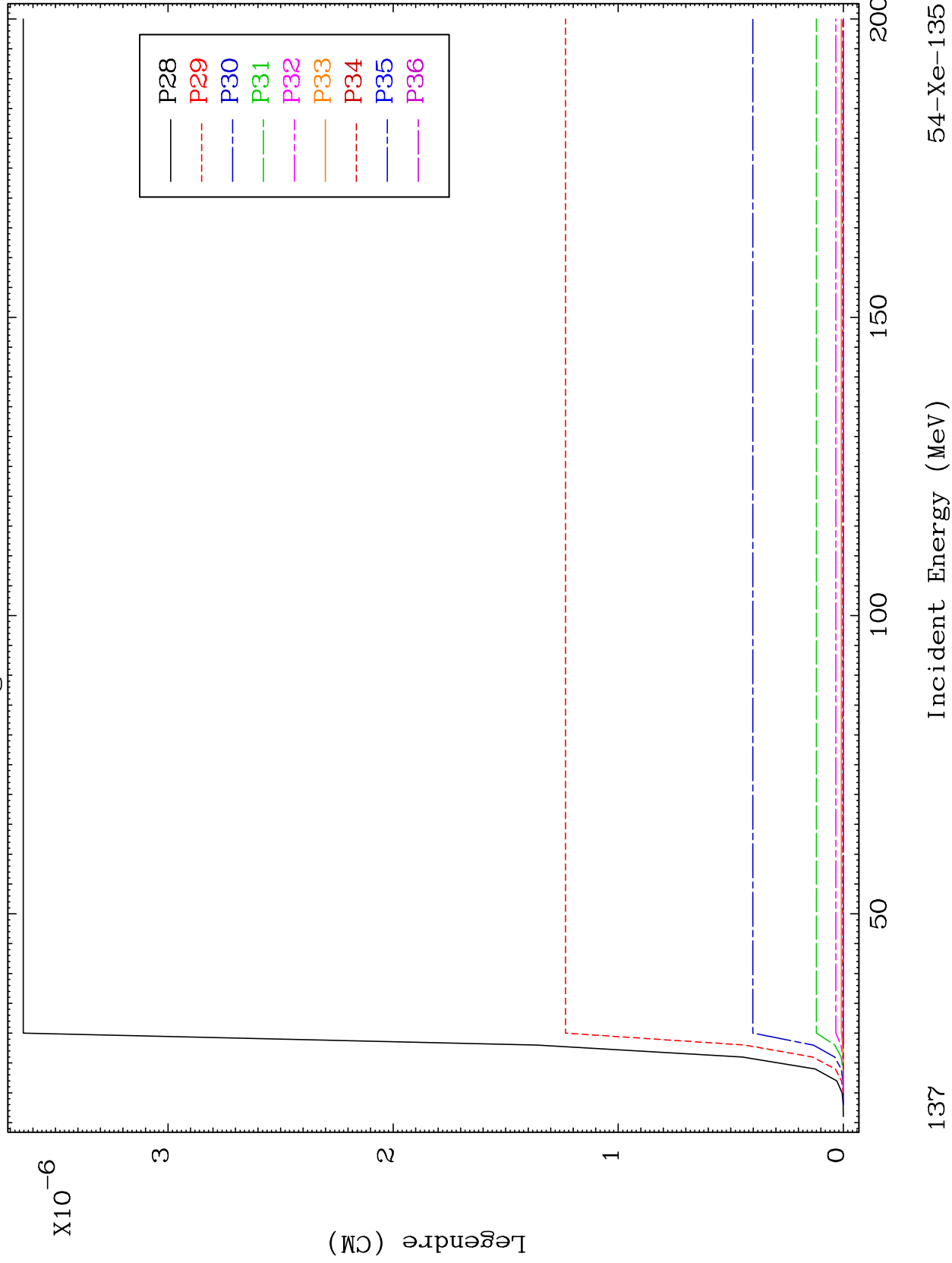
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

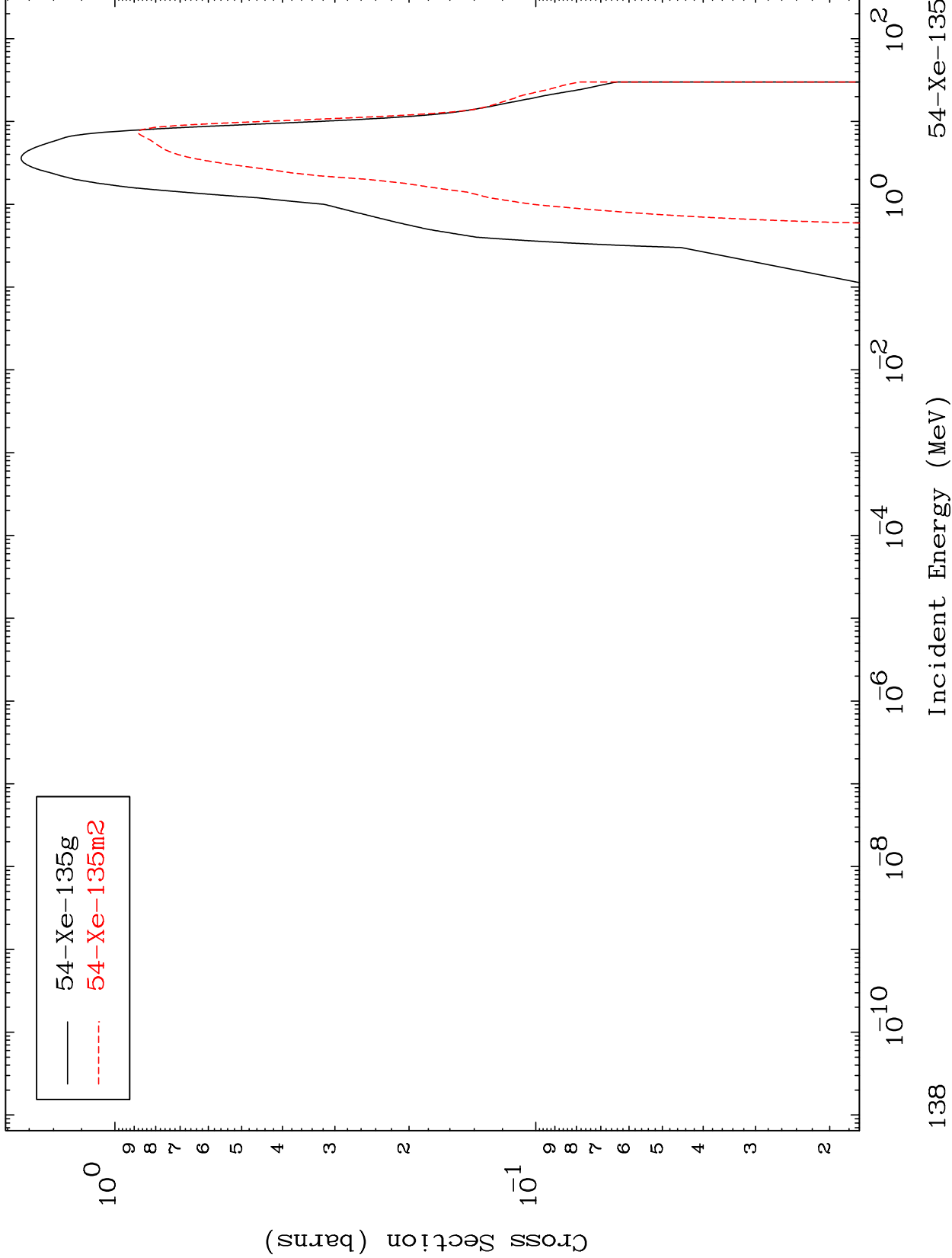
54-Xe-135



MAT 5458

Inelastic
Radionuclide Production Cross Section

54-Xe-135

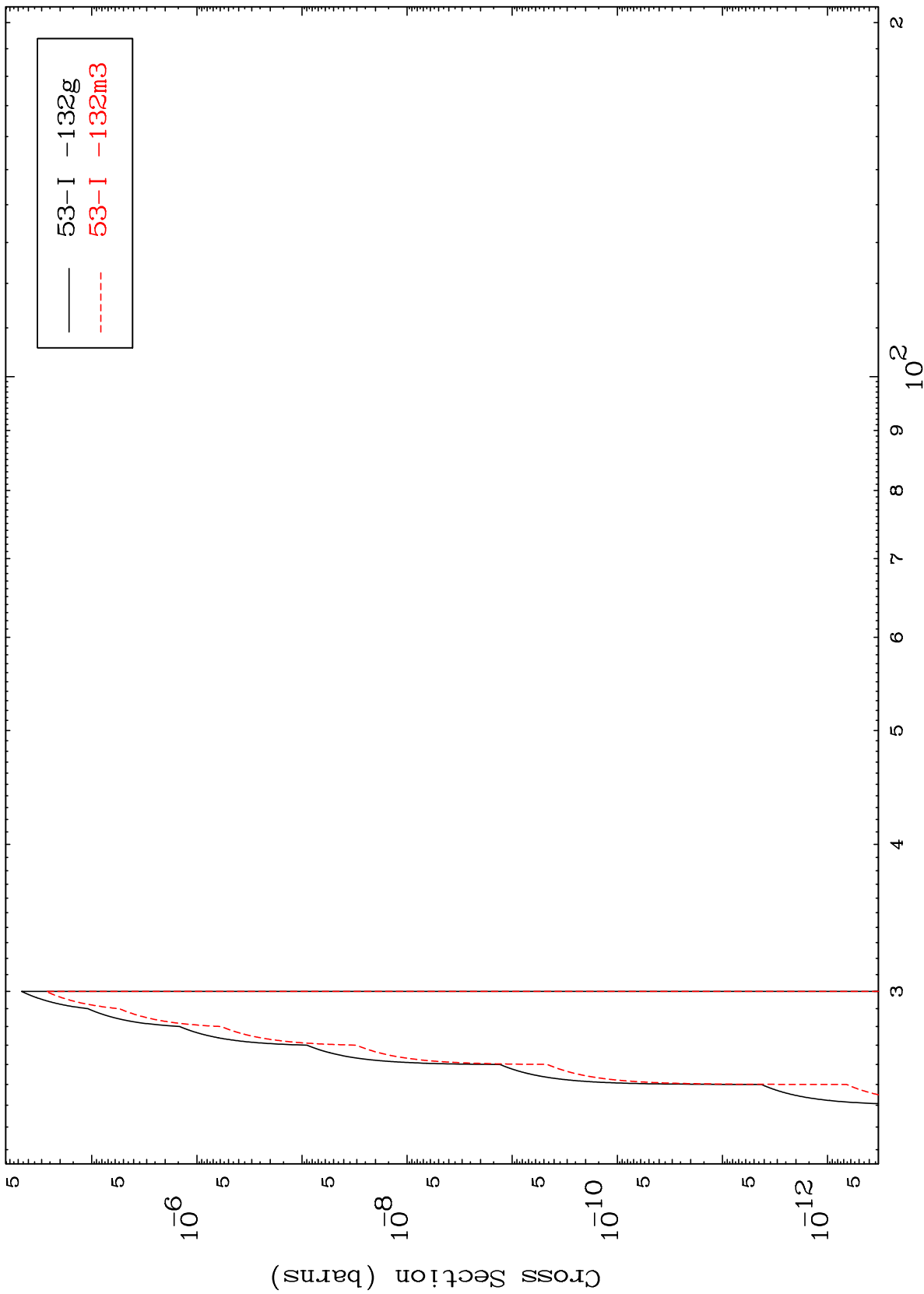


MAT 5458

(n,2n) d

54-Xe-135

Radionuclide Production Cross Section



53-I - 132g
53-I - 132m3

139

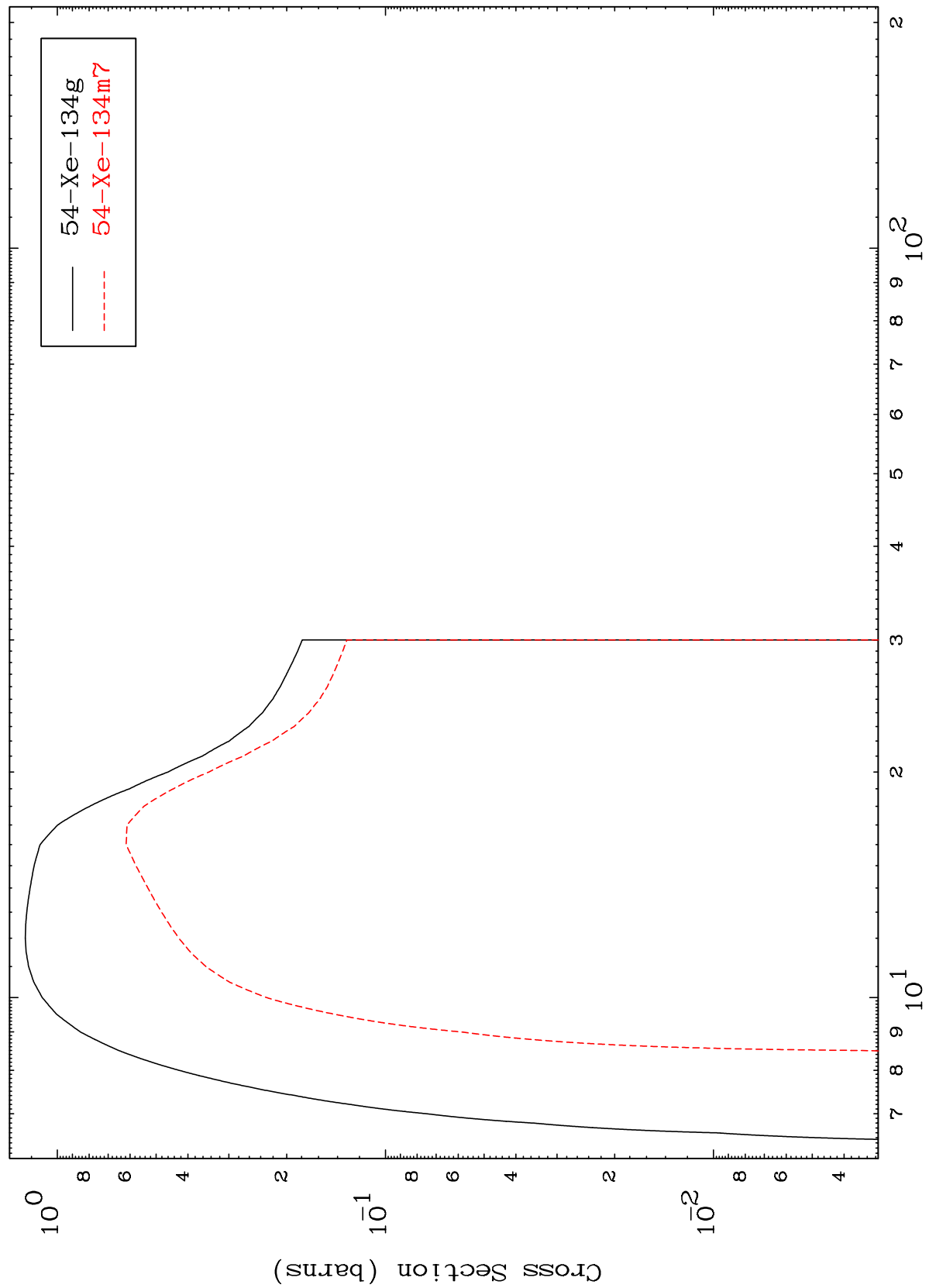
Incident Energy (MeV)

54-Xe-135

MAT 5458

54-Xe-135

(n,2n)
Radionuclide Production Cross Section



54-Xe-135

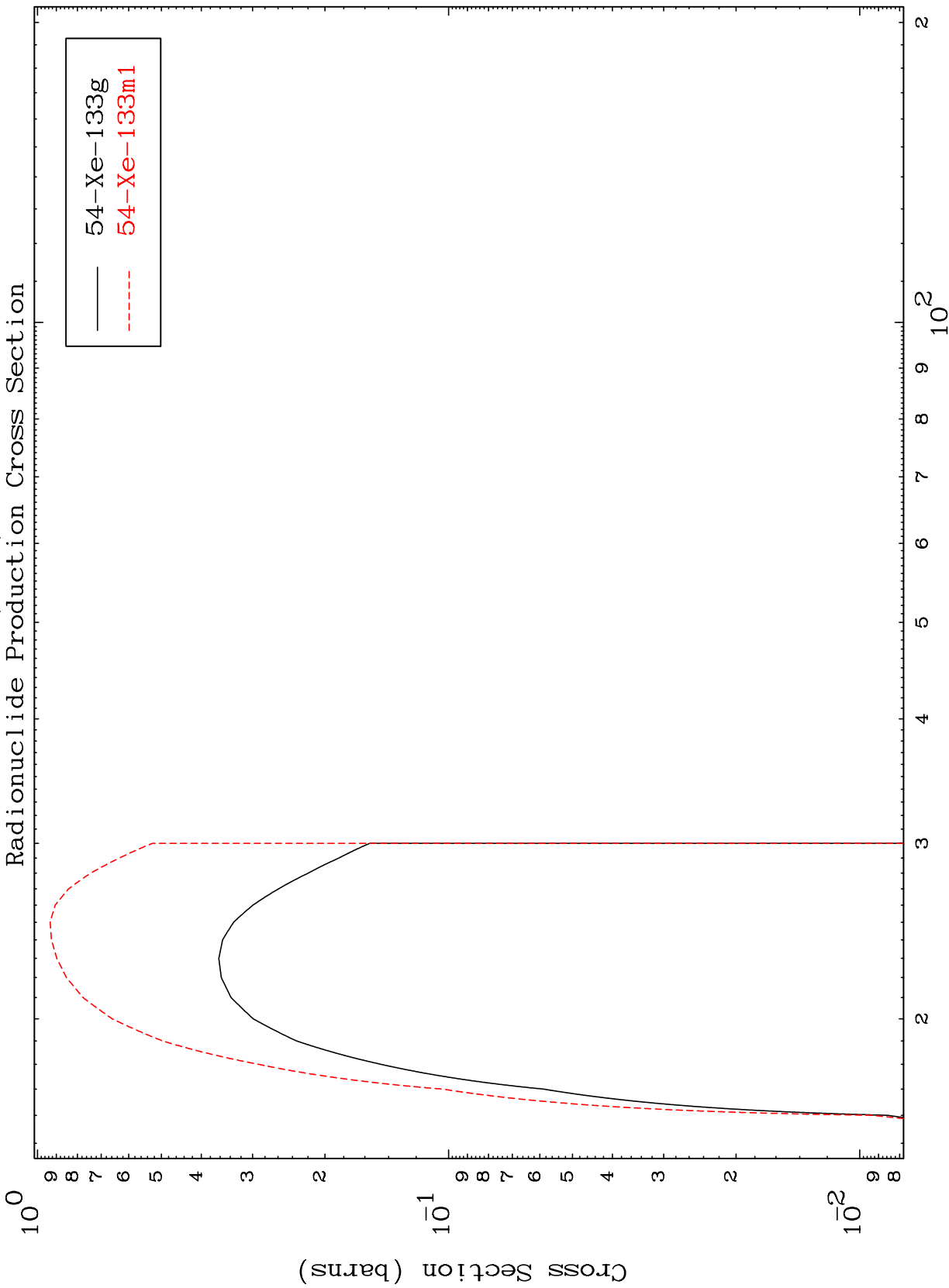
Incident Energy (MeV)

140

MAT 5458

54-Xe-135

(n,3n)
Radionuclide Production Cross Section



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

141

54-Xe-135

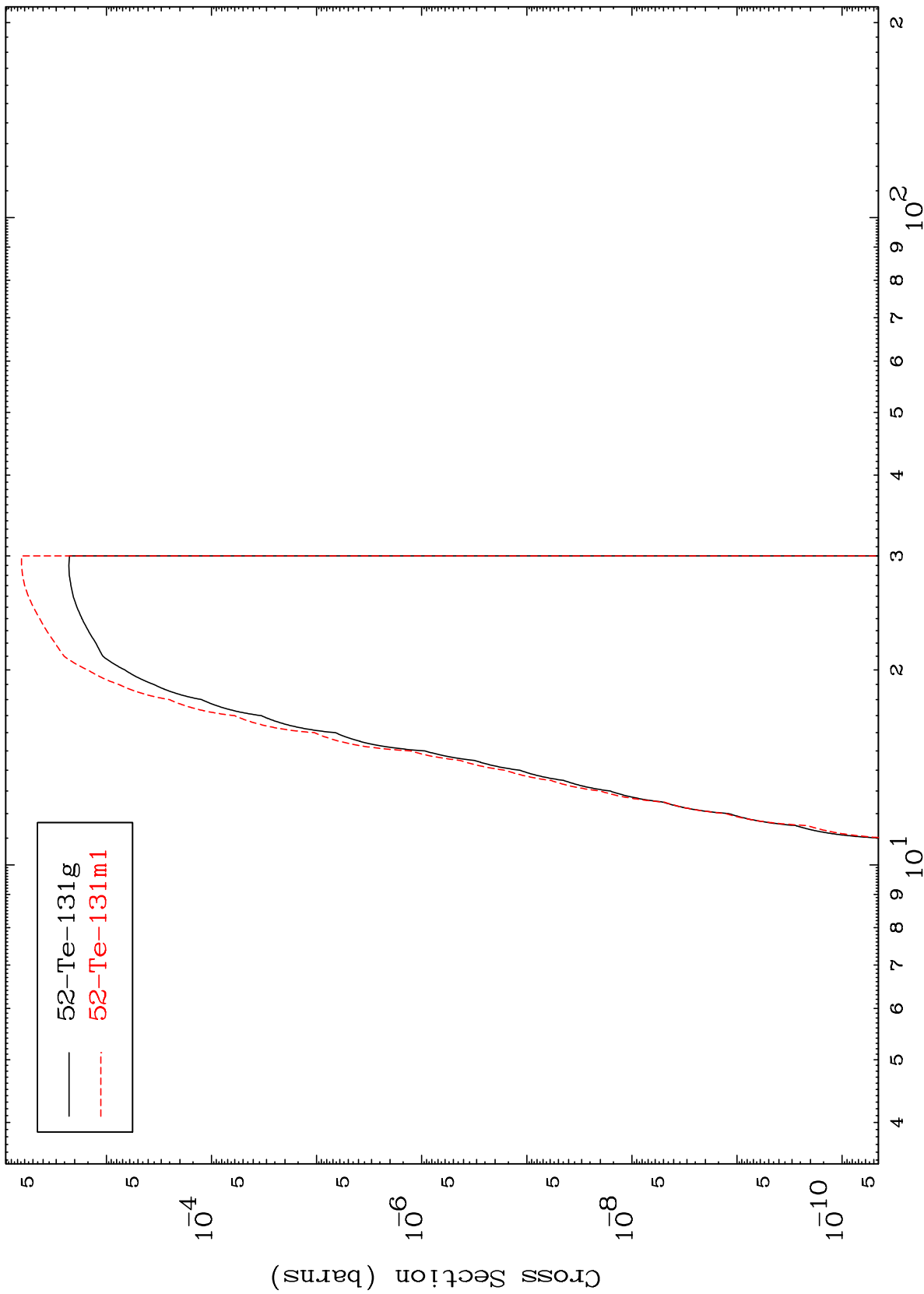
Incident Energy (MeV)

MAT 5458

54-Xe-135

(n,n') α

Radionuclide Production Cross Section



142

54-Xe-135

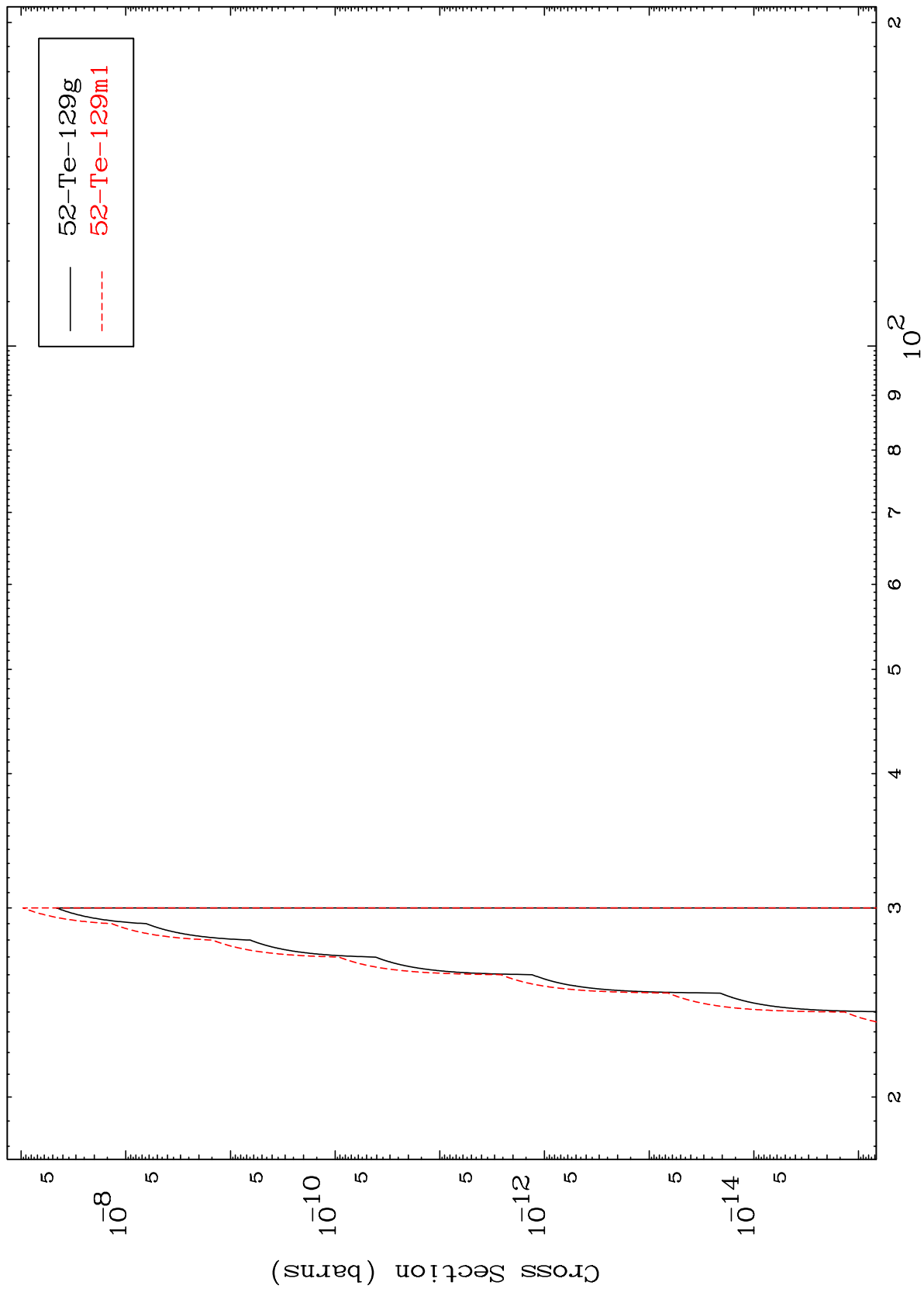
Incident Energy (MeV)

MAT 5458

(n,3n) α

54-Xe-135

Radionuclide Production Cross Section



143

Incident Energy (MeV)

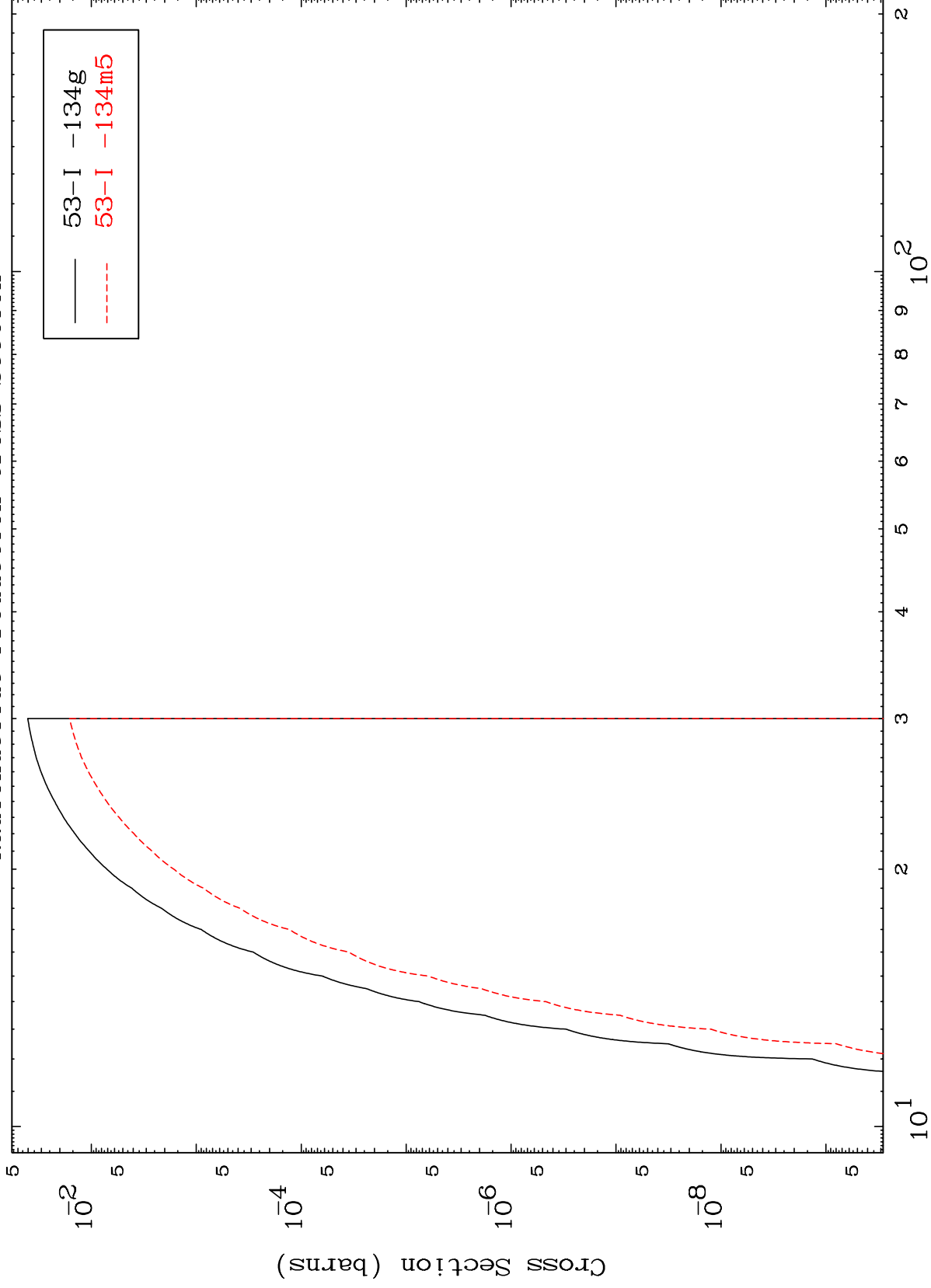
54-Xe-135

MAT 5458

(n,n') p

54-Xe-135

Radionuclide Production Cross Section



144

Incident Energy (MeV)

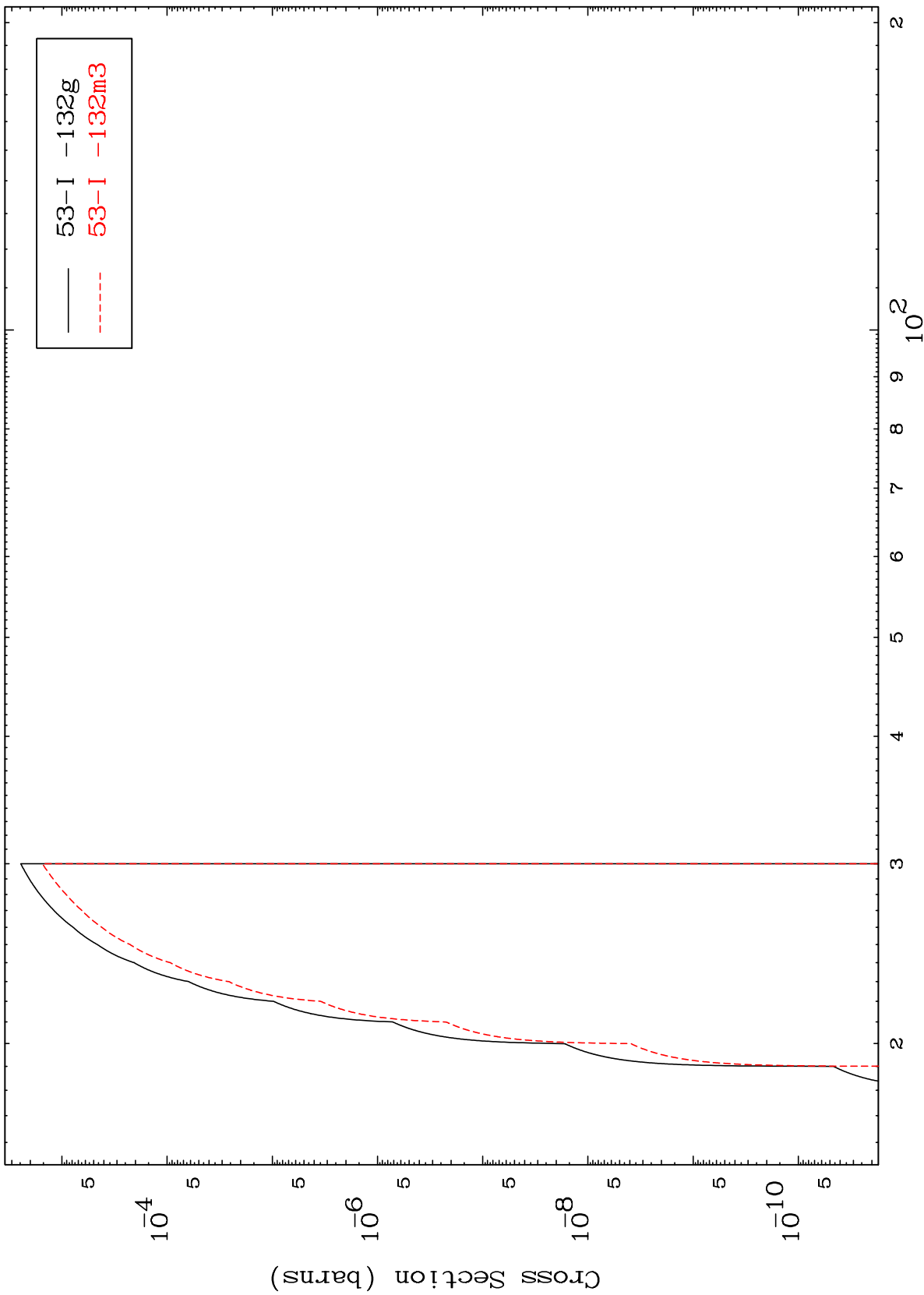
54-Xe-135

MAT 5458

(n,n') t

54-Xe-135

Radionuclide Production Cross Section

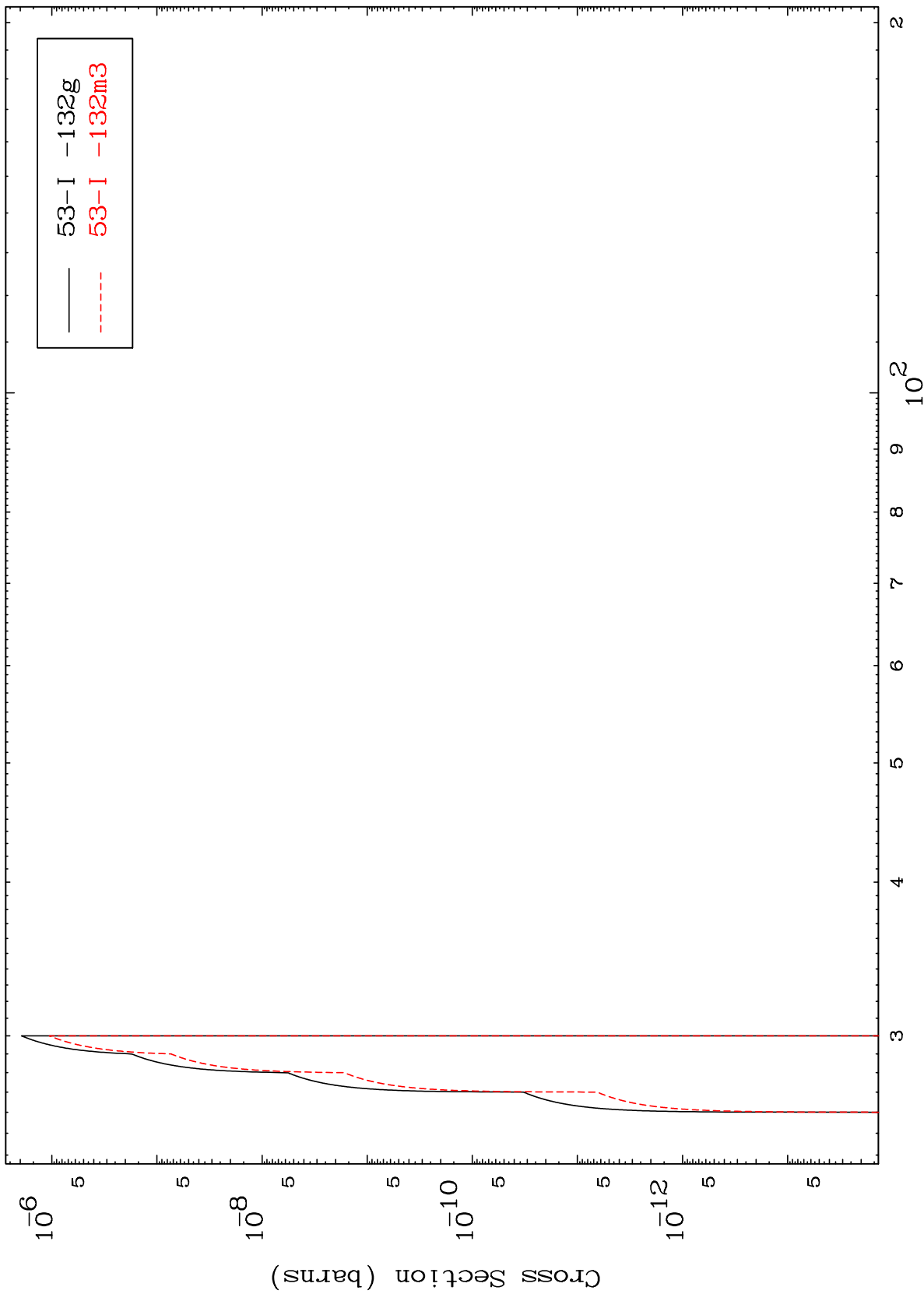


145

Incident Energy (MeV)

54-Xe-135

Radionuclide Production Cross Section

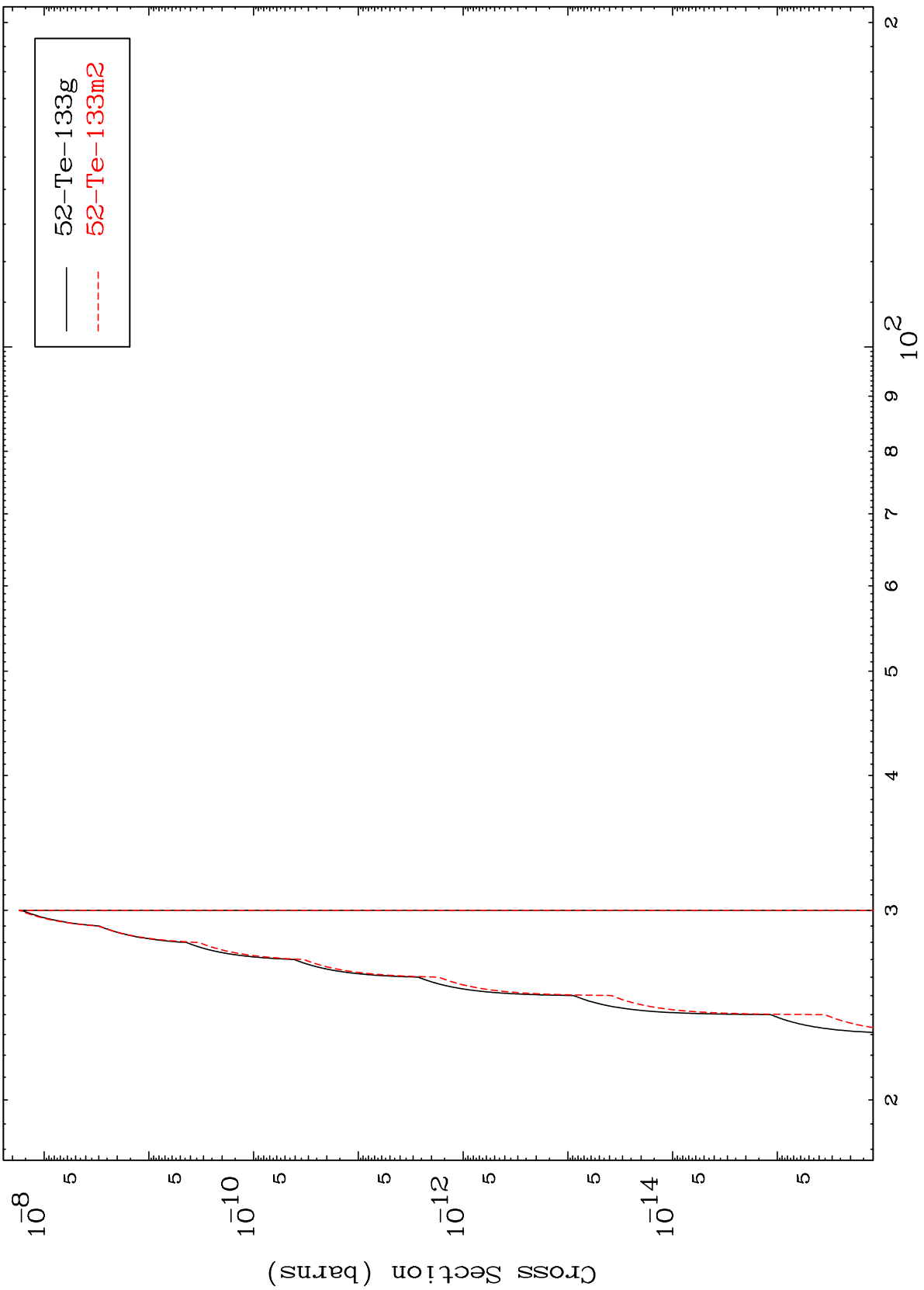


MAT 5458

(n,2n) p

54-Xe-135

Radionuclide Production Cross Section



147

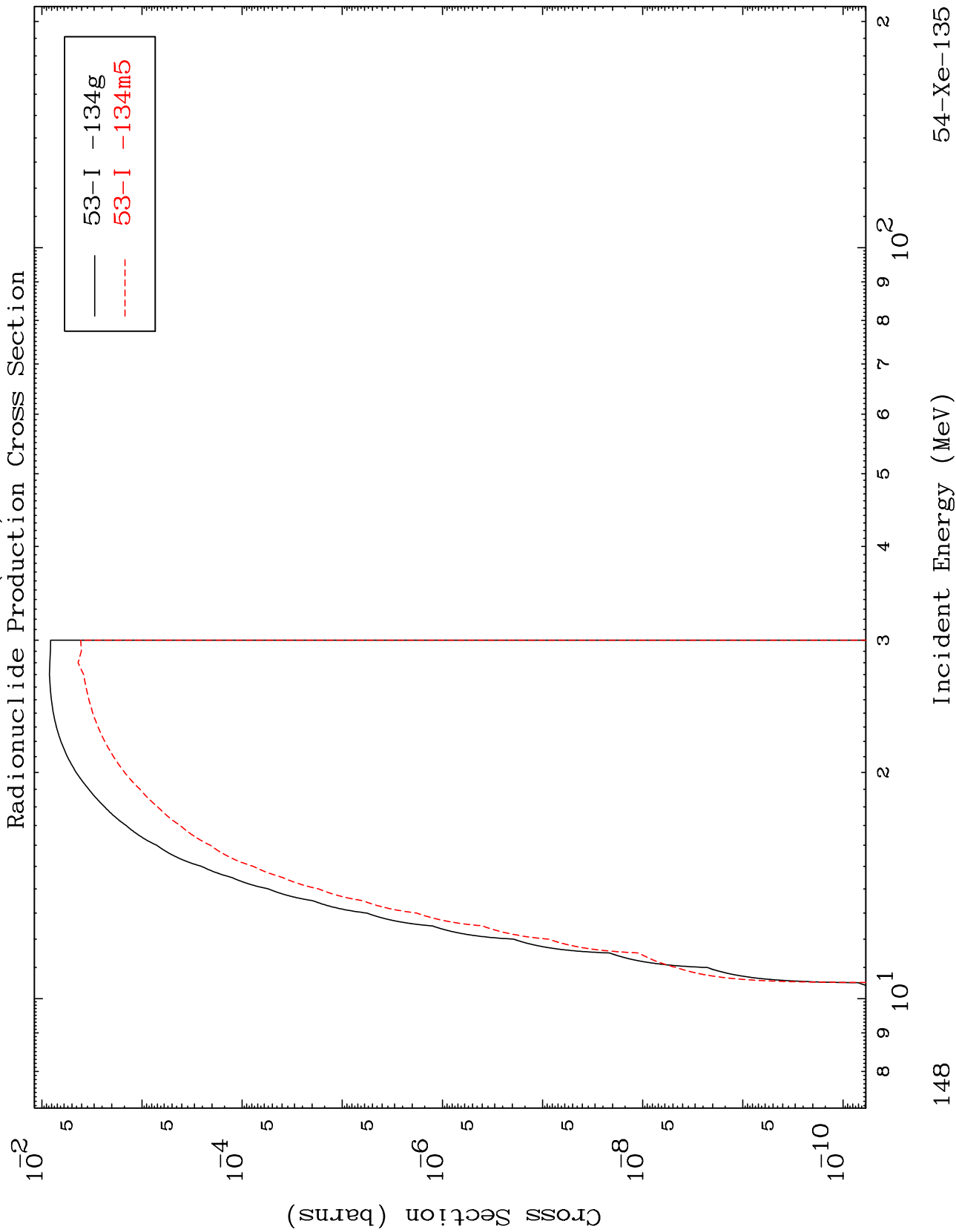
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,d)

54-Xe-135



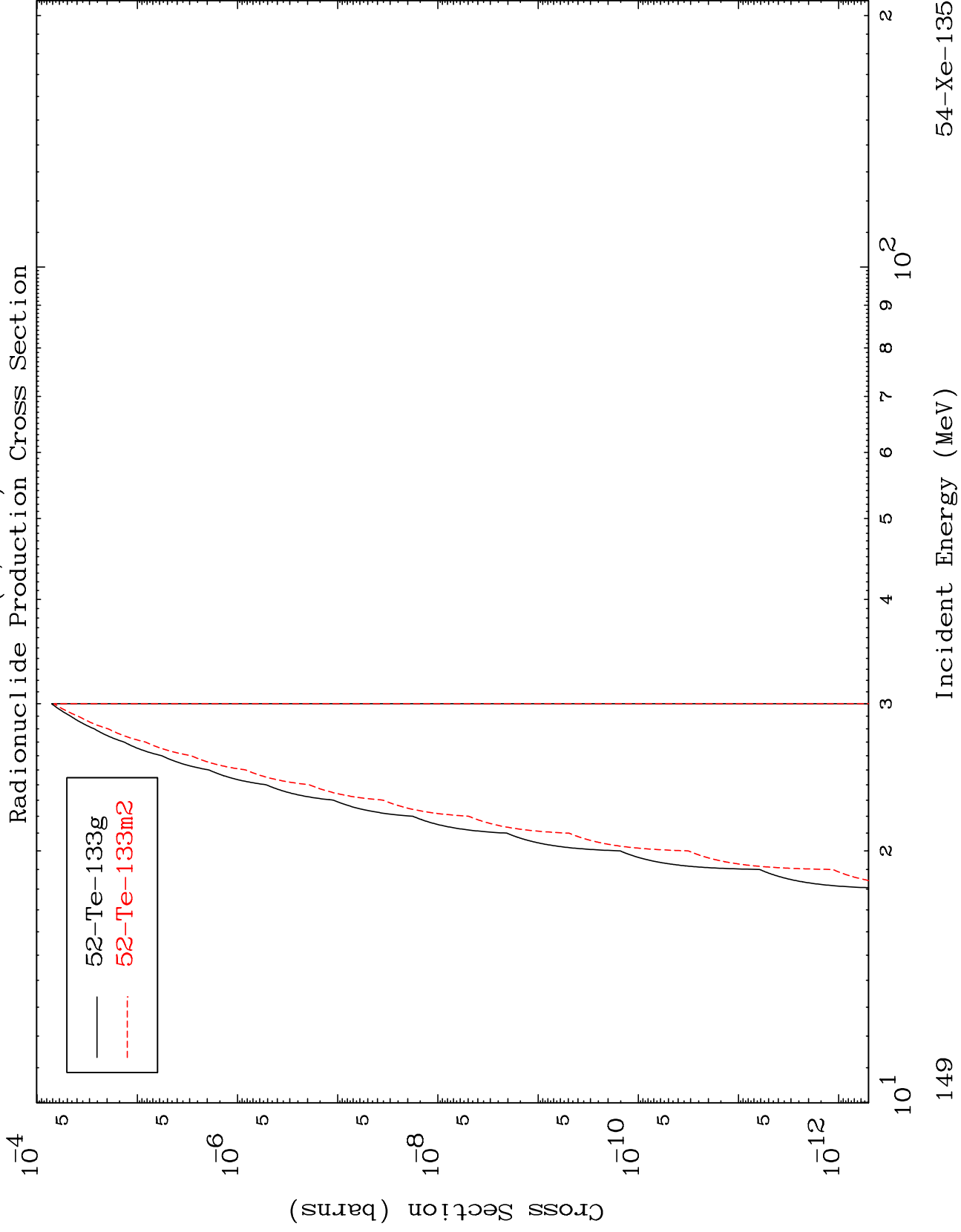
148

54-Xe-135

MAT 5458

(n,He-3)

54-Xe-135



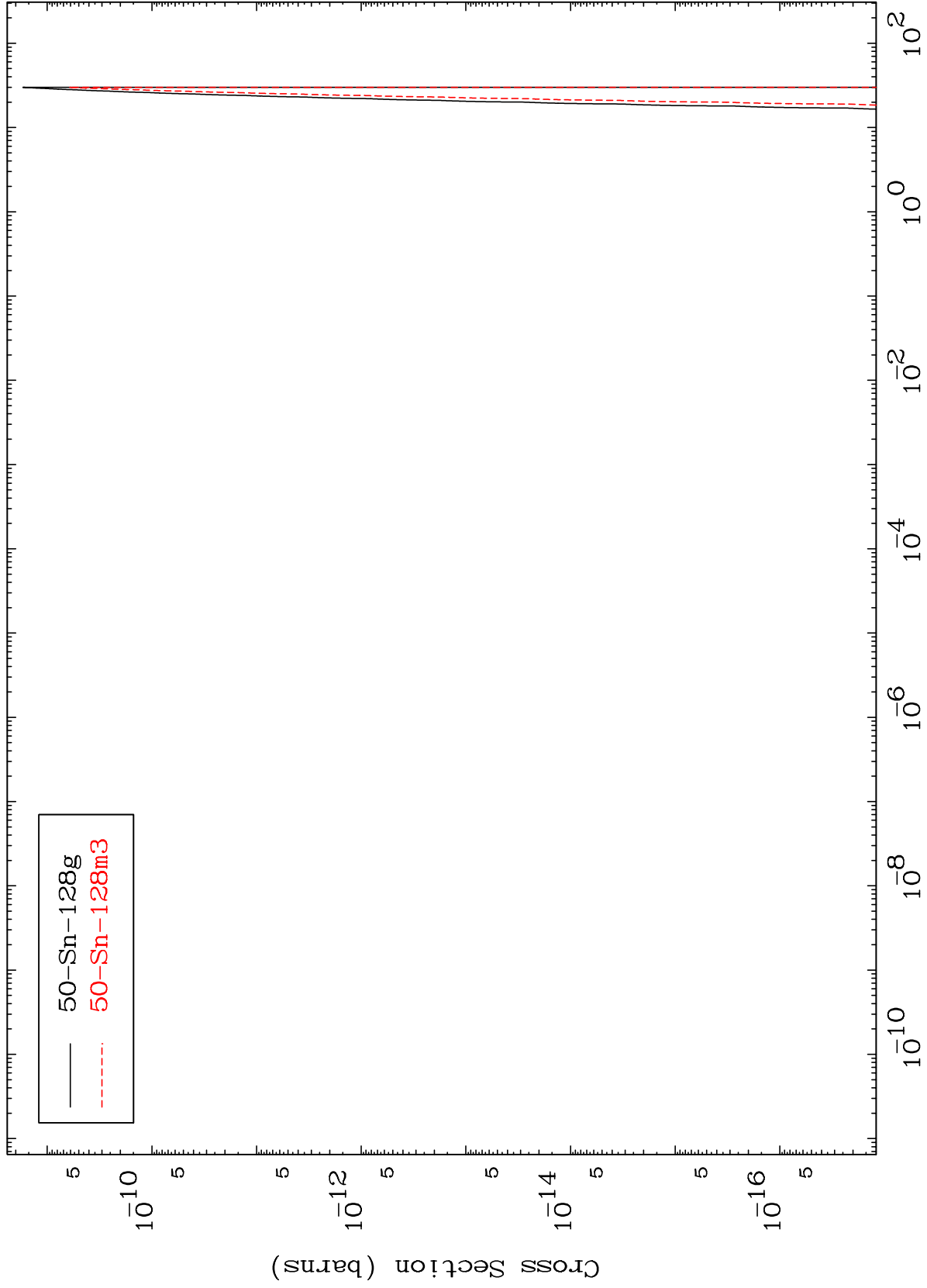
149

MAT 5458

(n,2α)

54-Xe-135

Radionuclide Production Cross Section



150

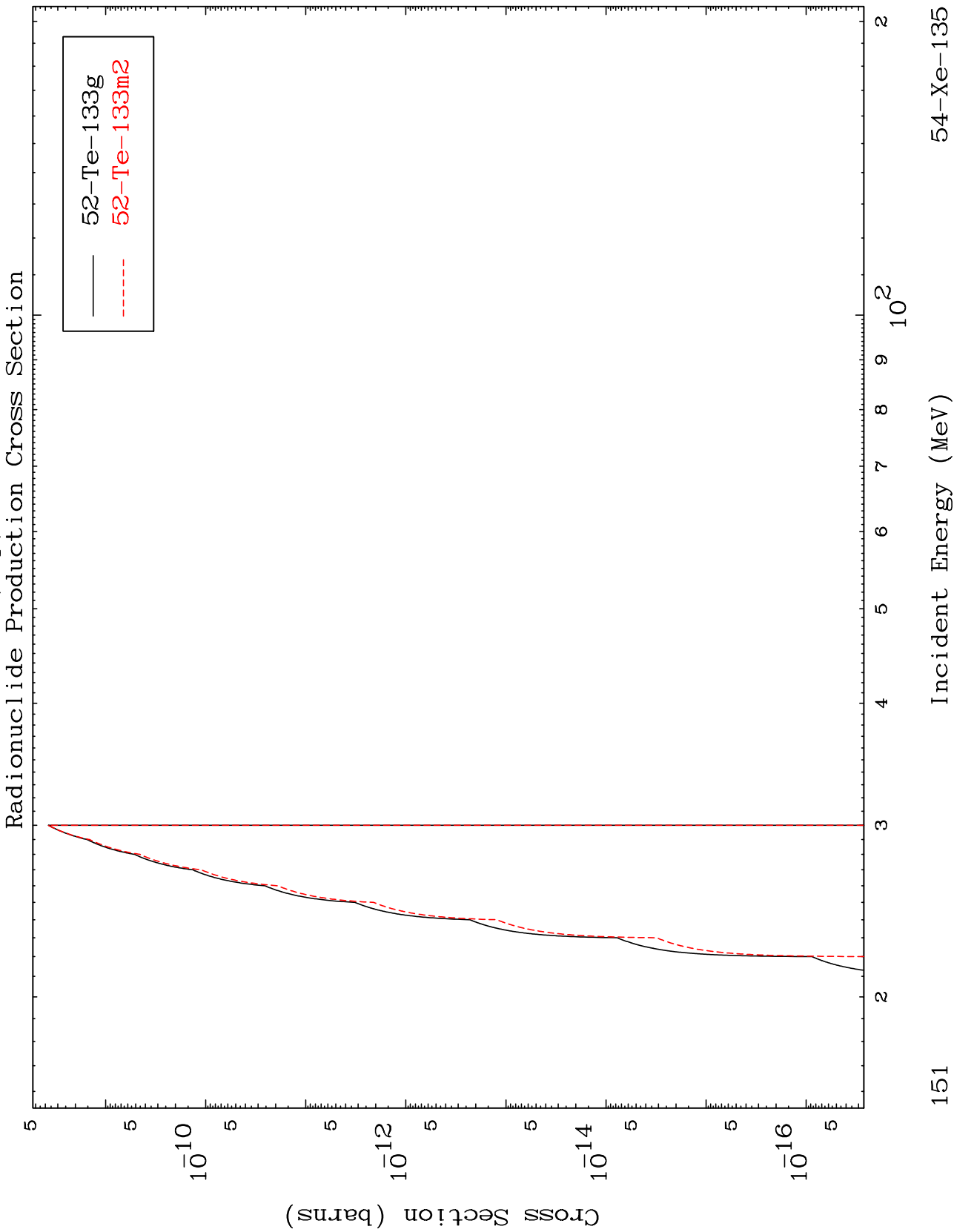
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,p) d

54-Xe-135



151

Incident Energy (MeV)

54-Xe-135