

Program EVALPLOT
(Version 2018-1)

by

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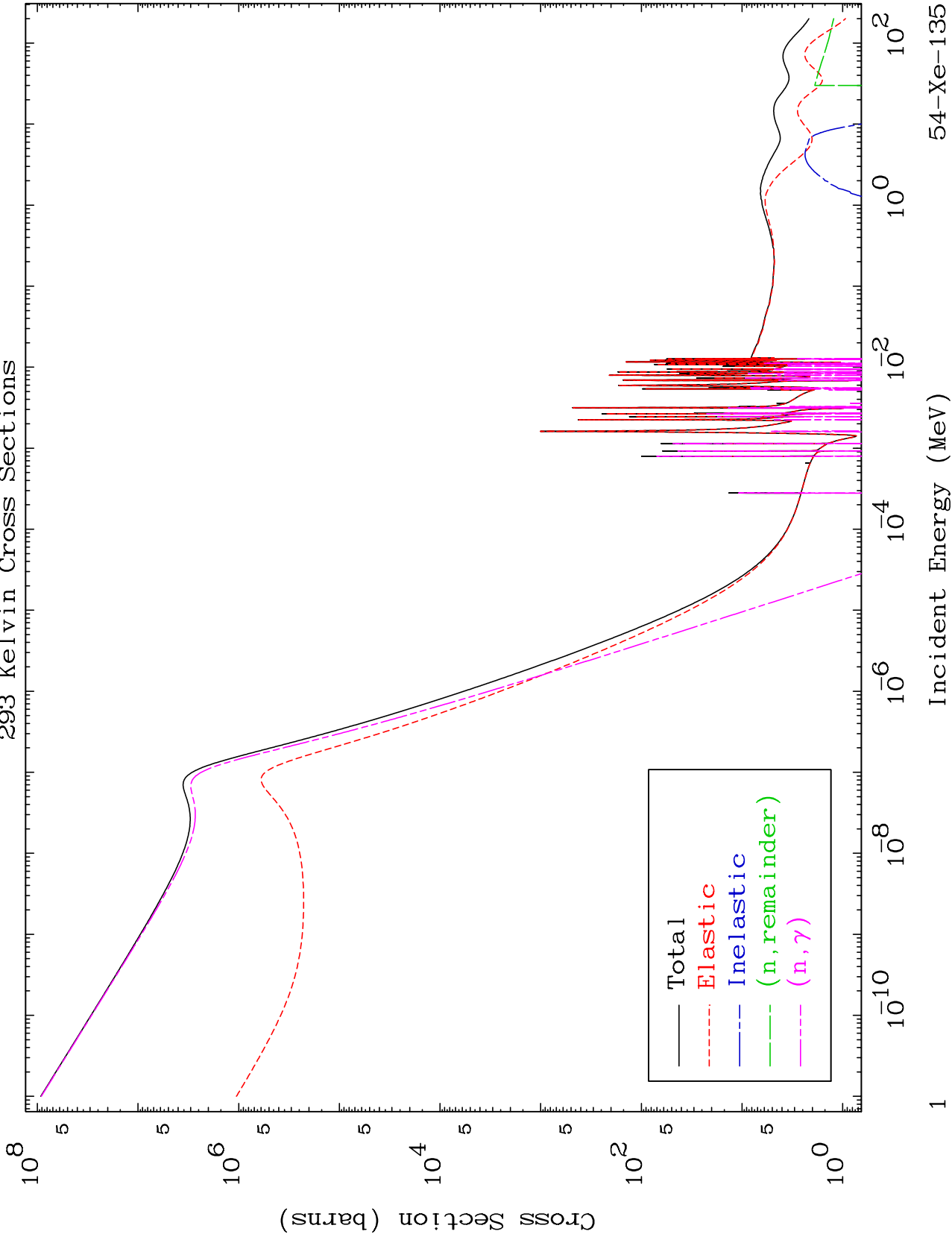
Press Mouse Button to Start

MAT 5458

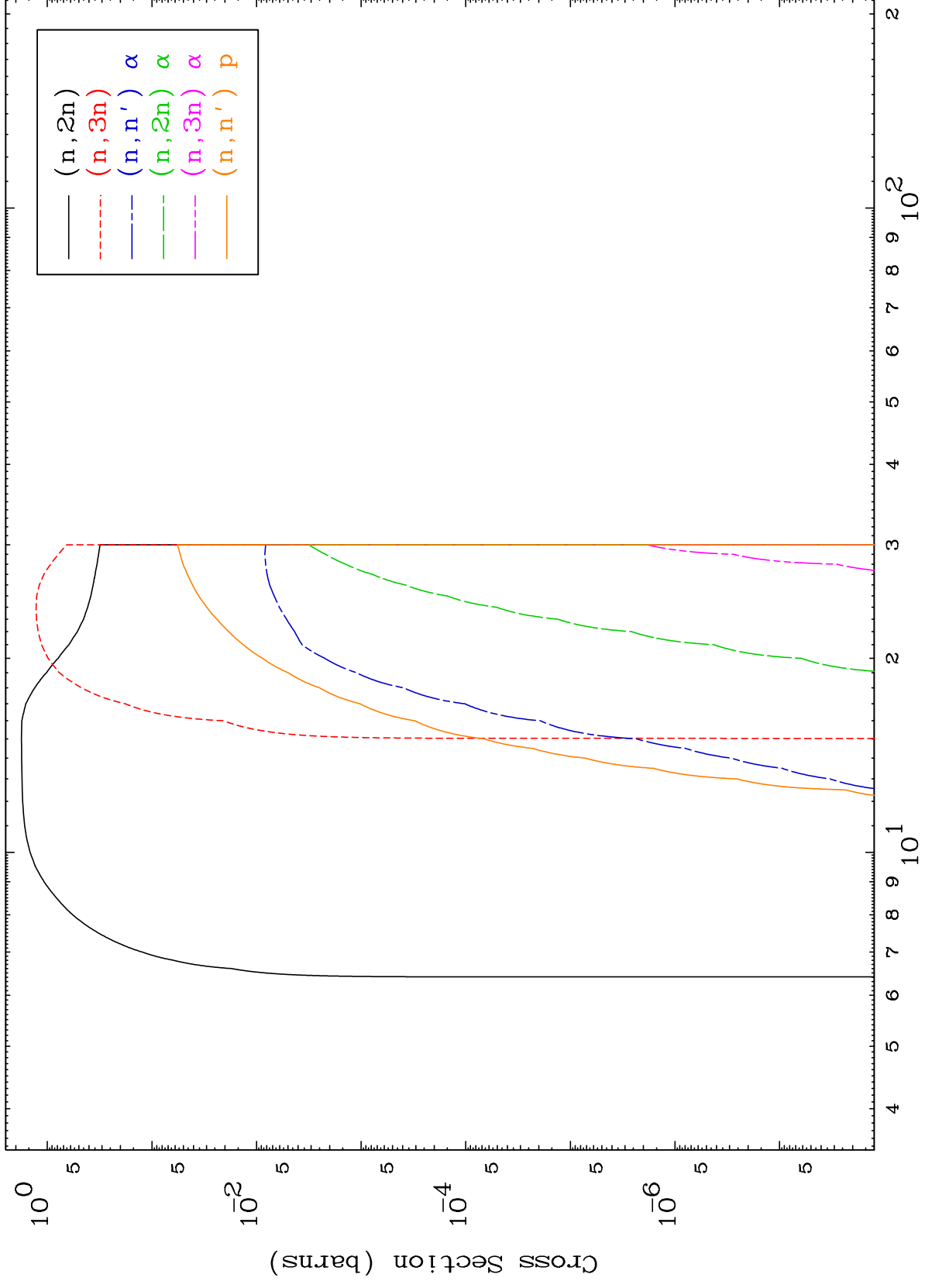
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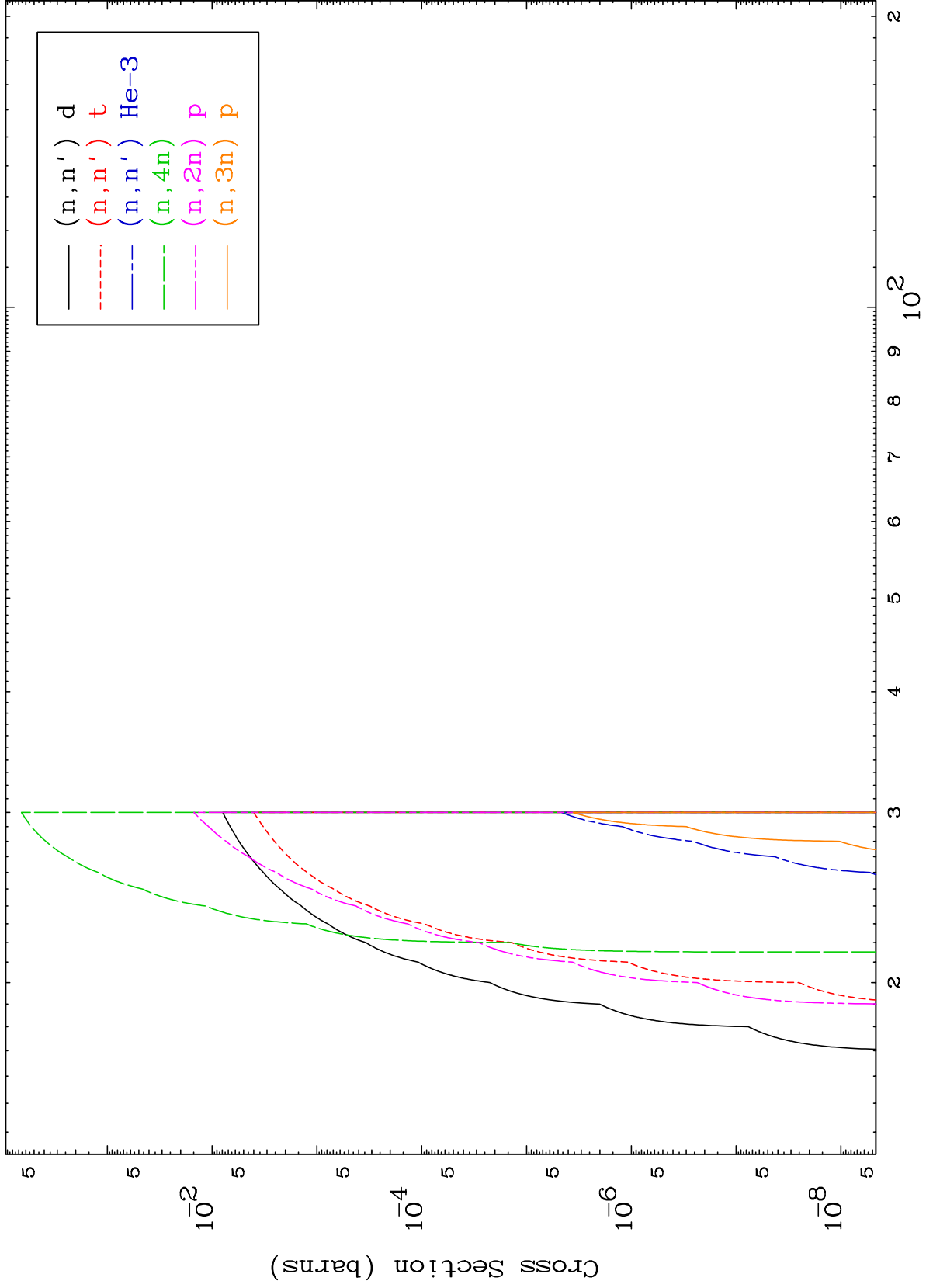
293 Kelvin Cross Sections

54-Xe-135



Neutron Production
293 Kelvin Cross Sections

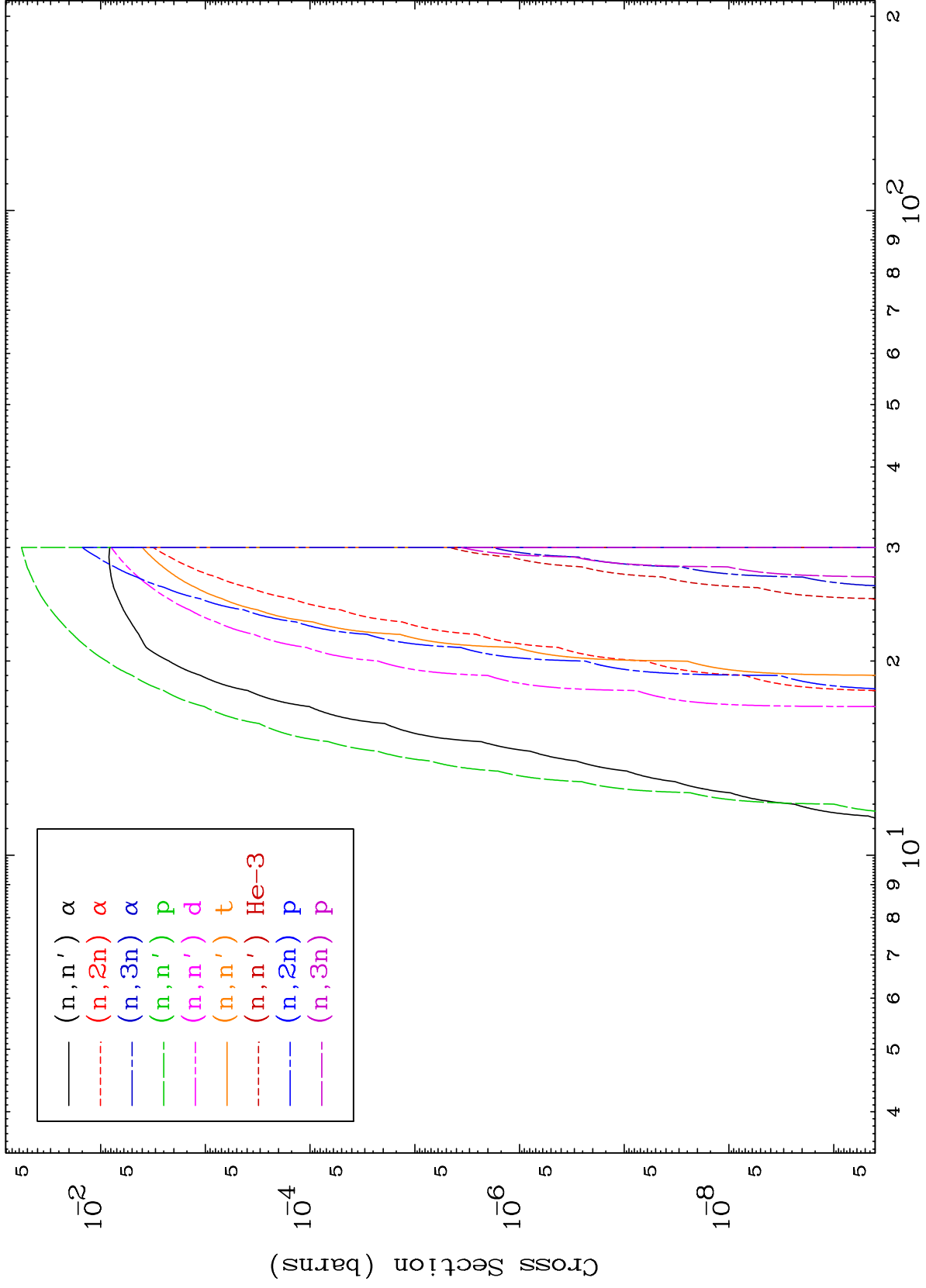




MAT 5458

Charged Particle
293 Kelvin Cross Sections

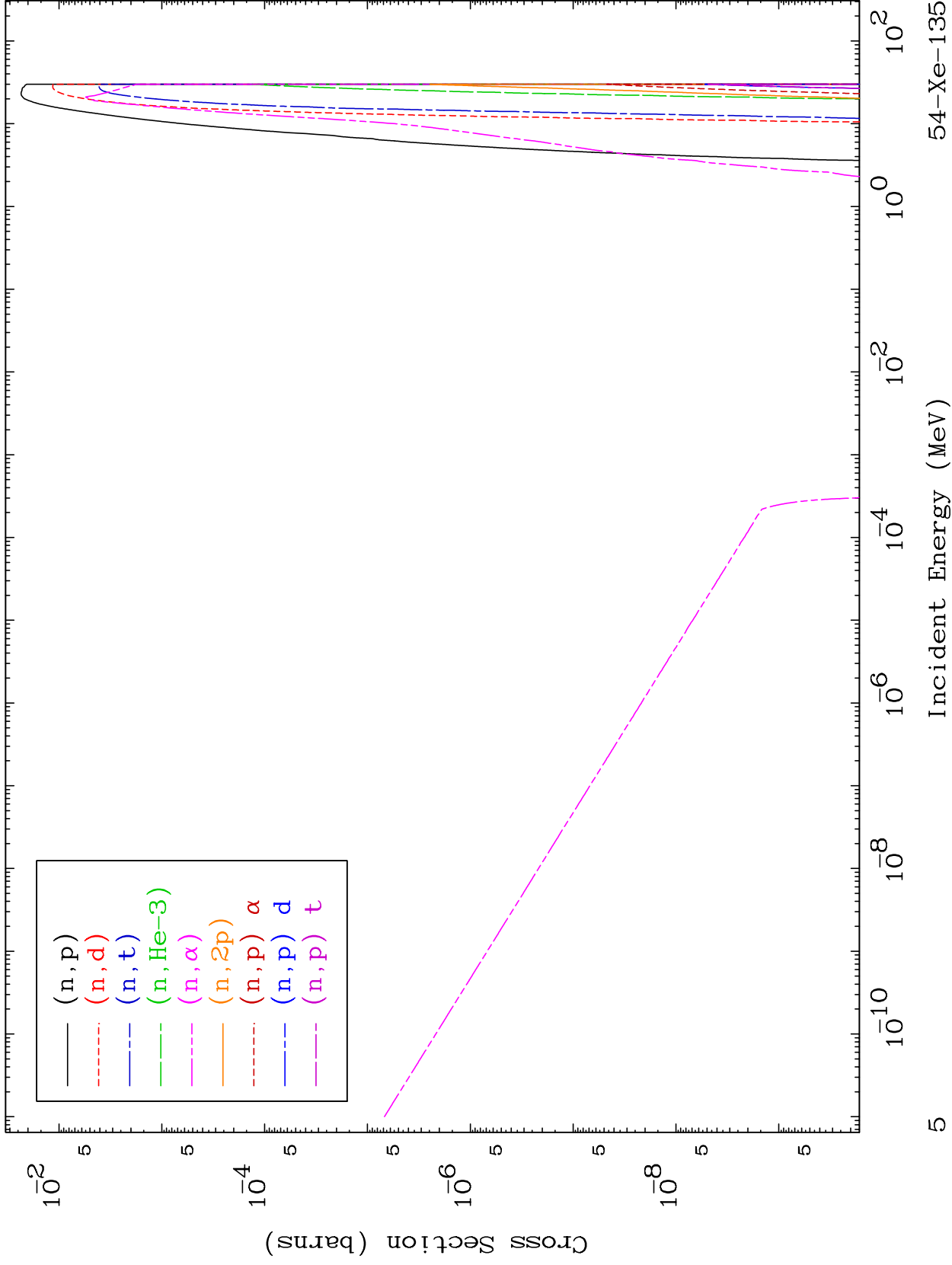
54-Xe-135



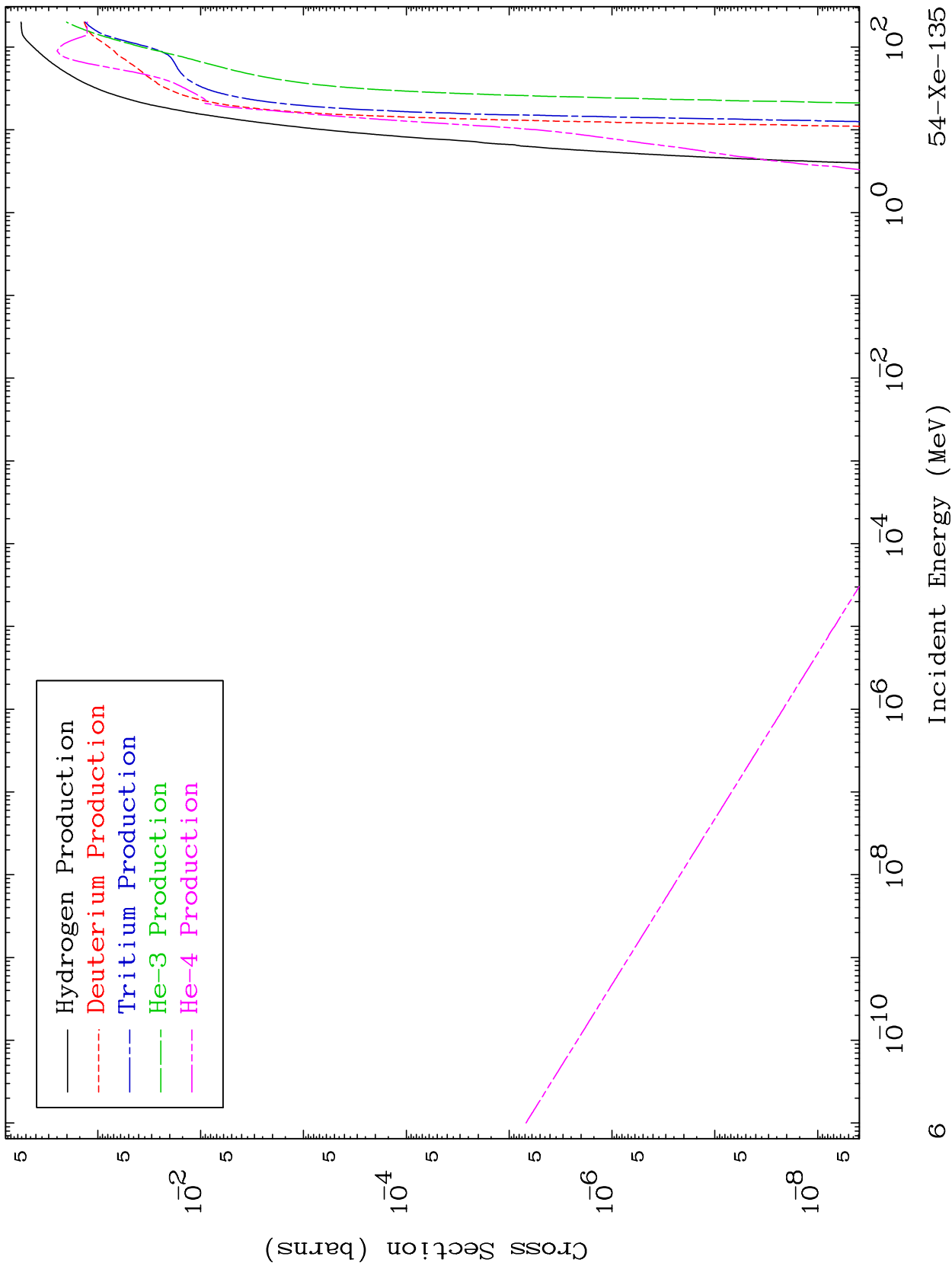
MAT 5458

Charged Particle
293 Kelvin Cross Sections

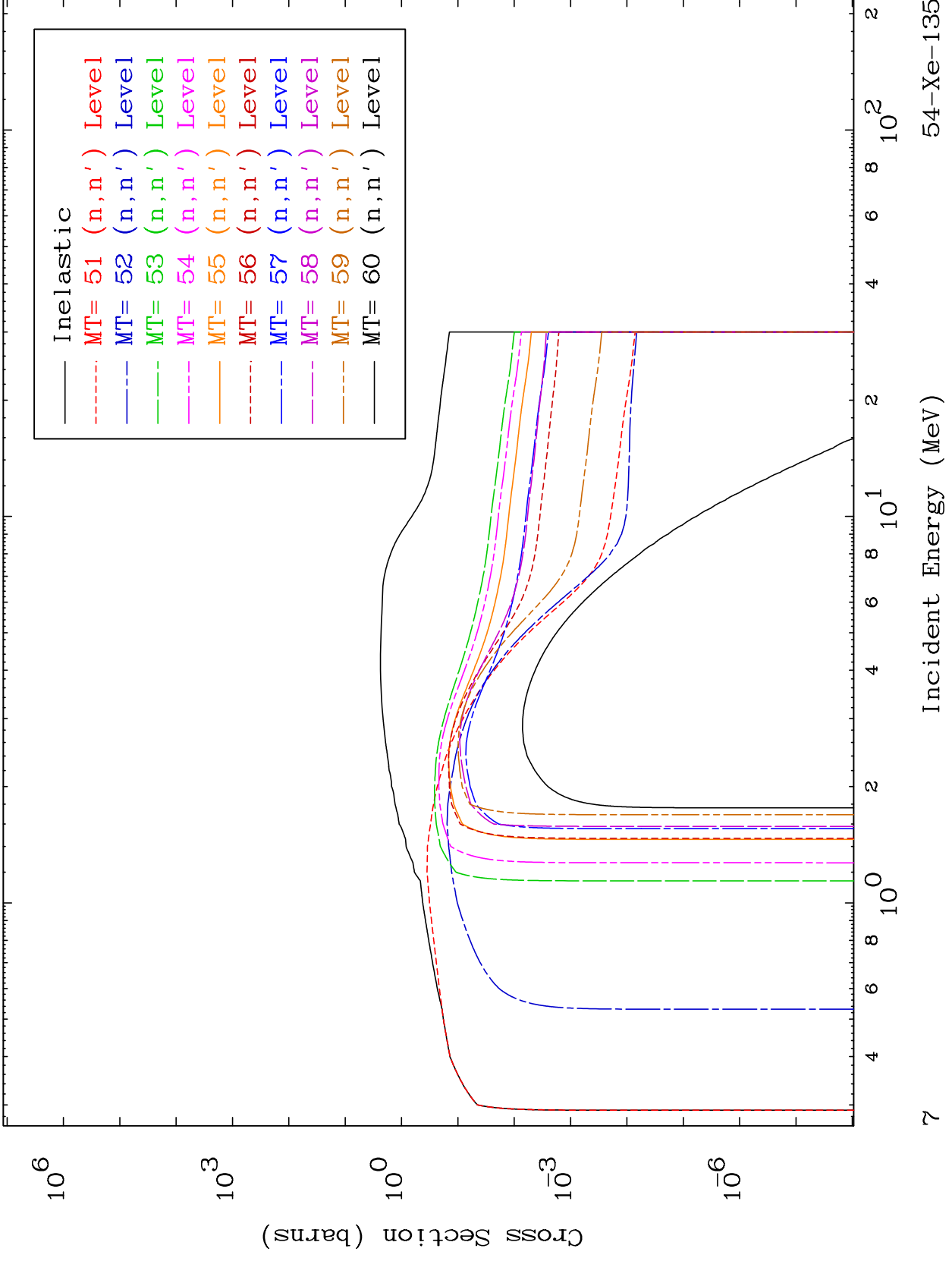
54-Xe-135



5



293 Kelvin Cross Sections

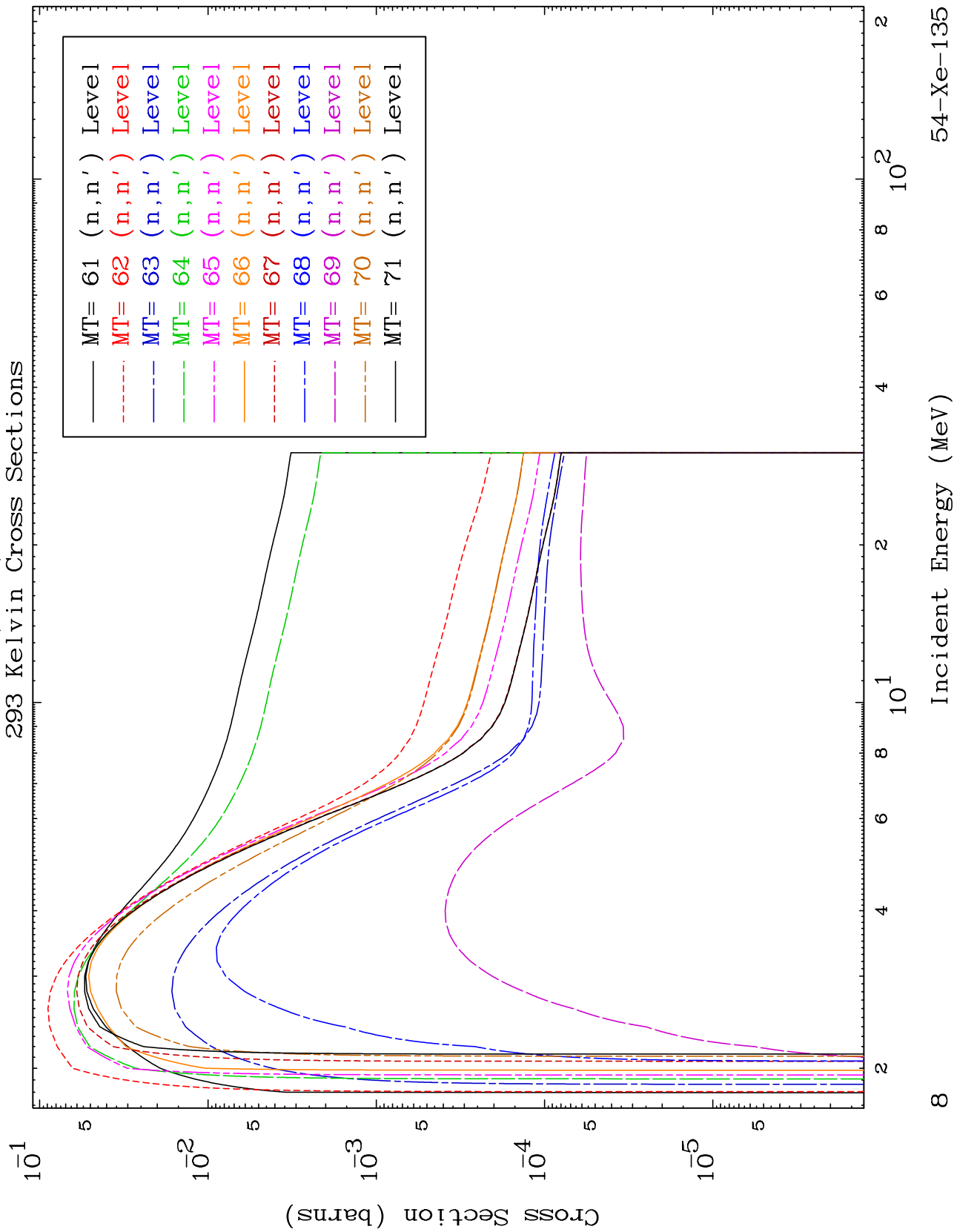


MAT 5458

(n,n') Level

293 Kelvin Cross Sections

54-Xe-135

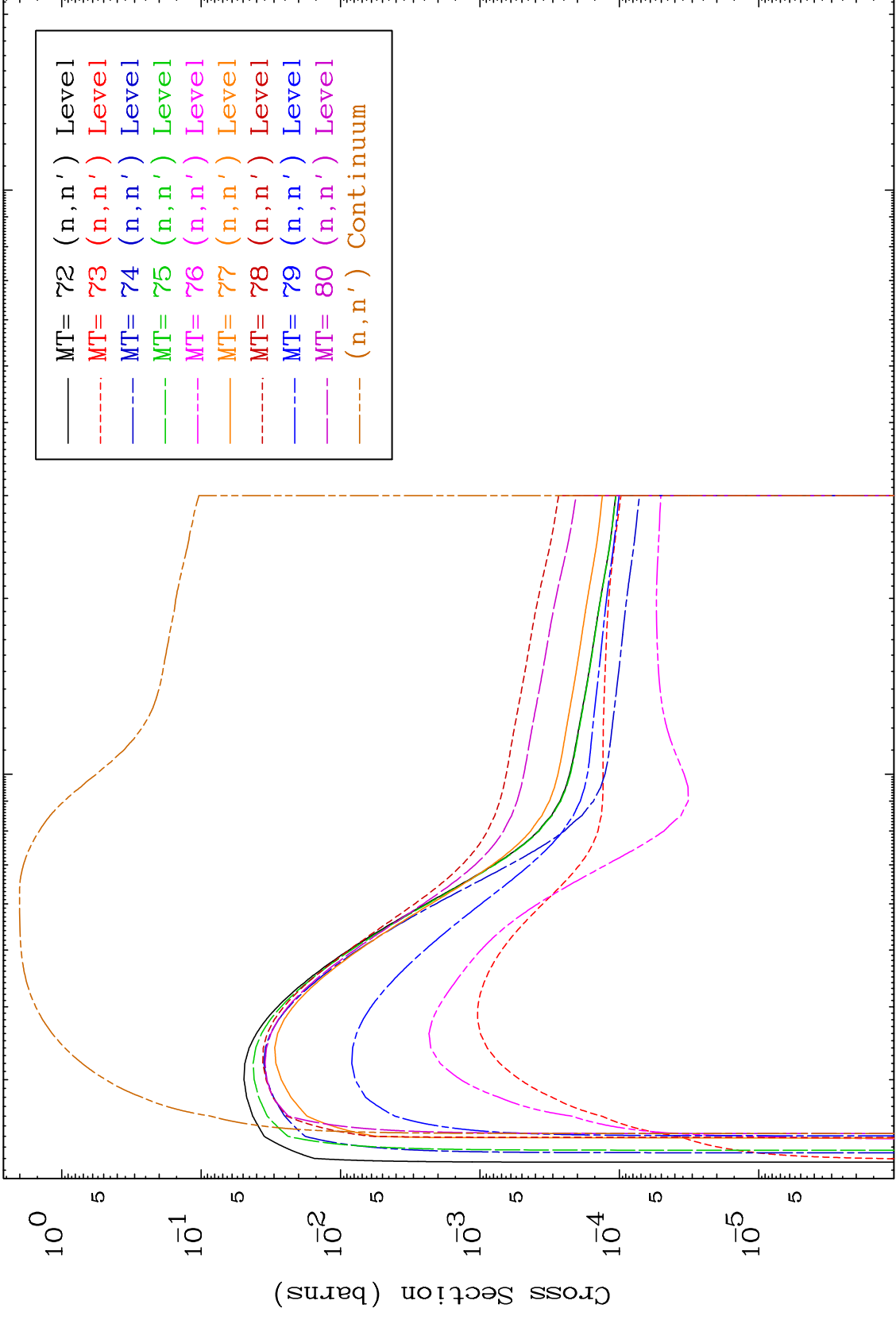


8

Incident Energy (MeV)

54-Xe-135

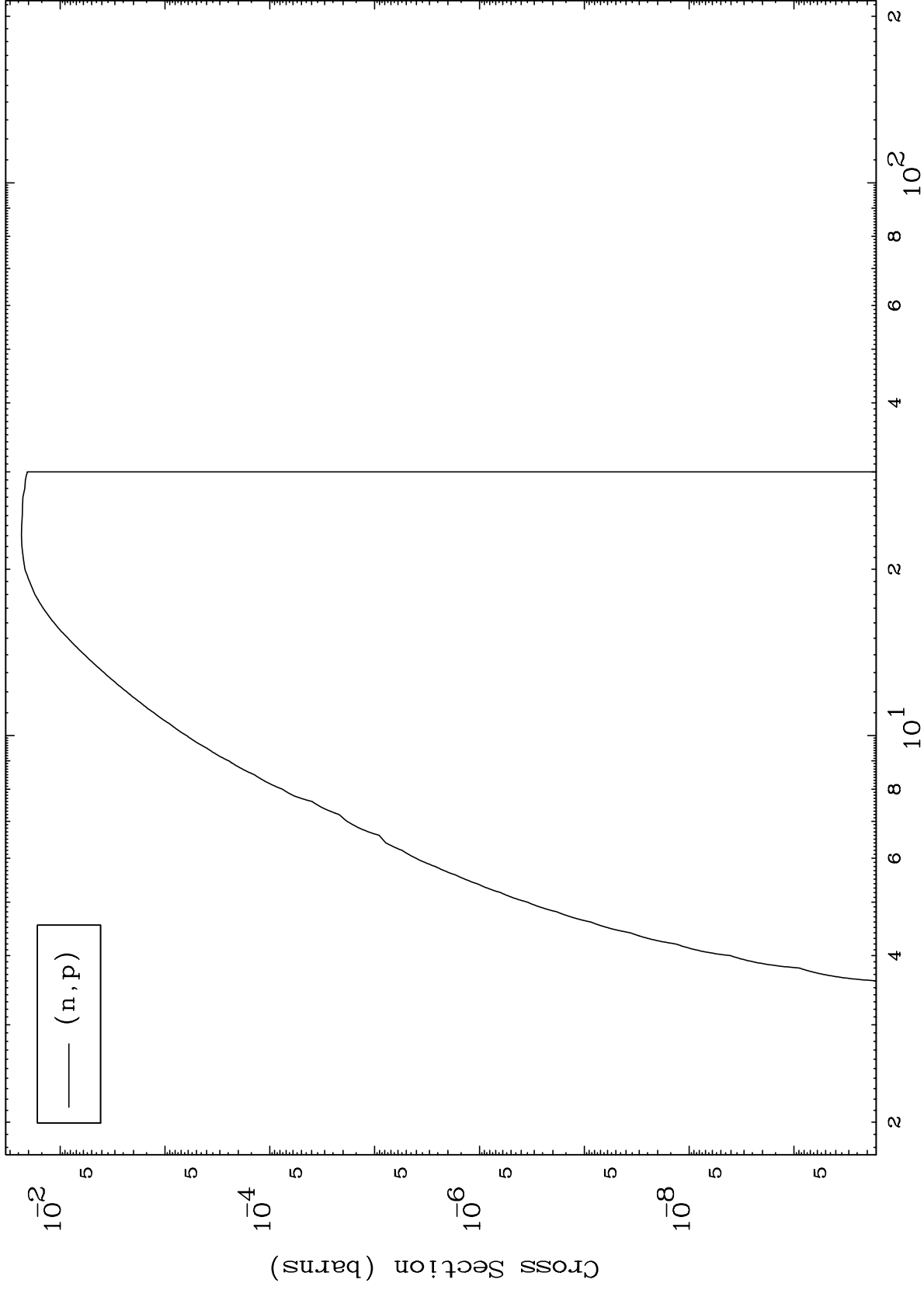
293 Kelvin Cross Sections



MAT 5458

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-135



10

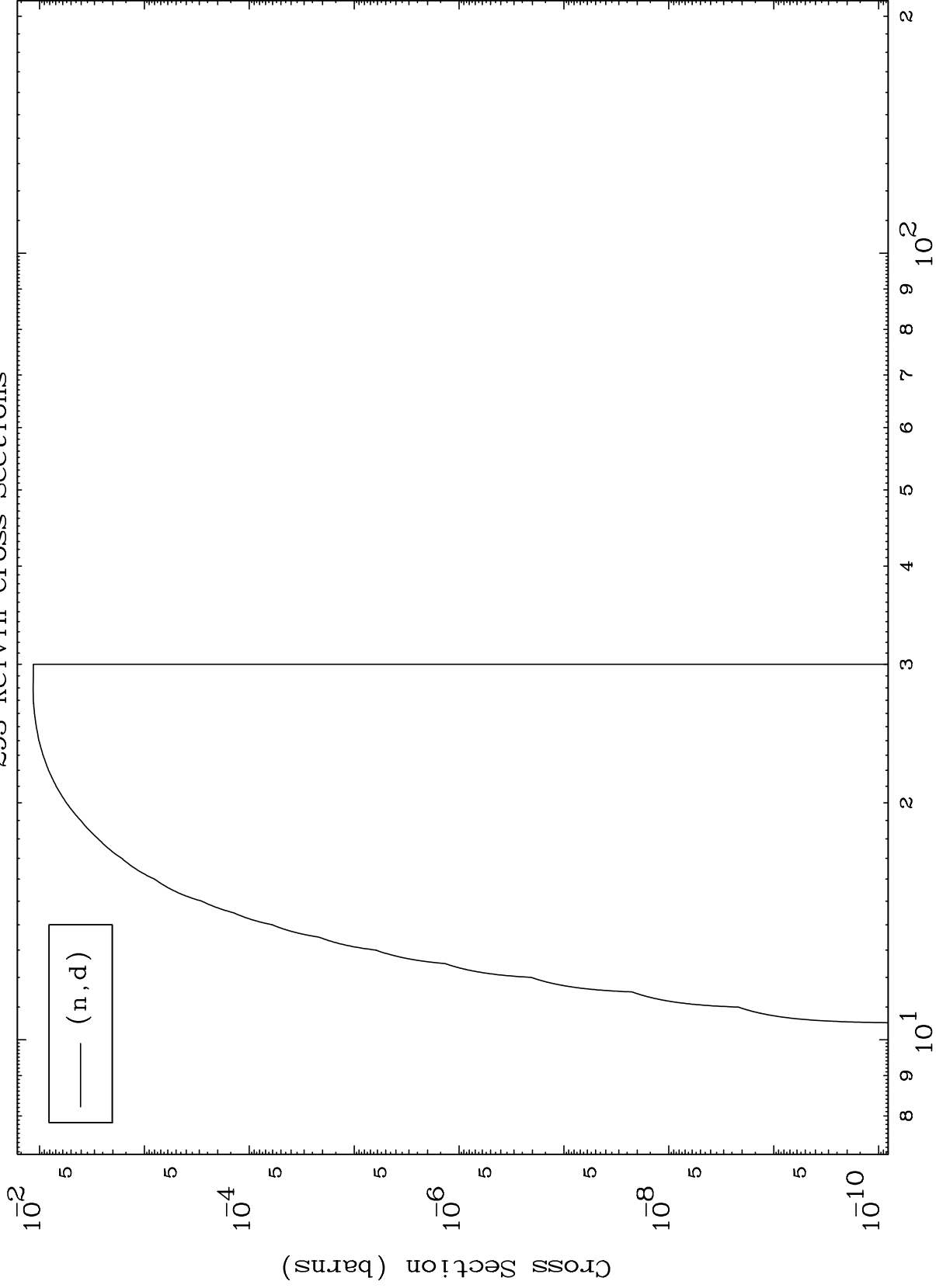
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-135



11

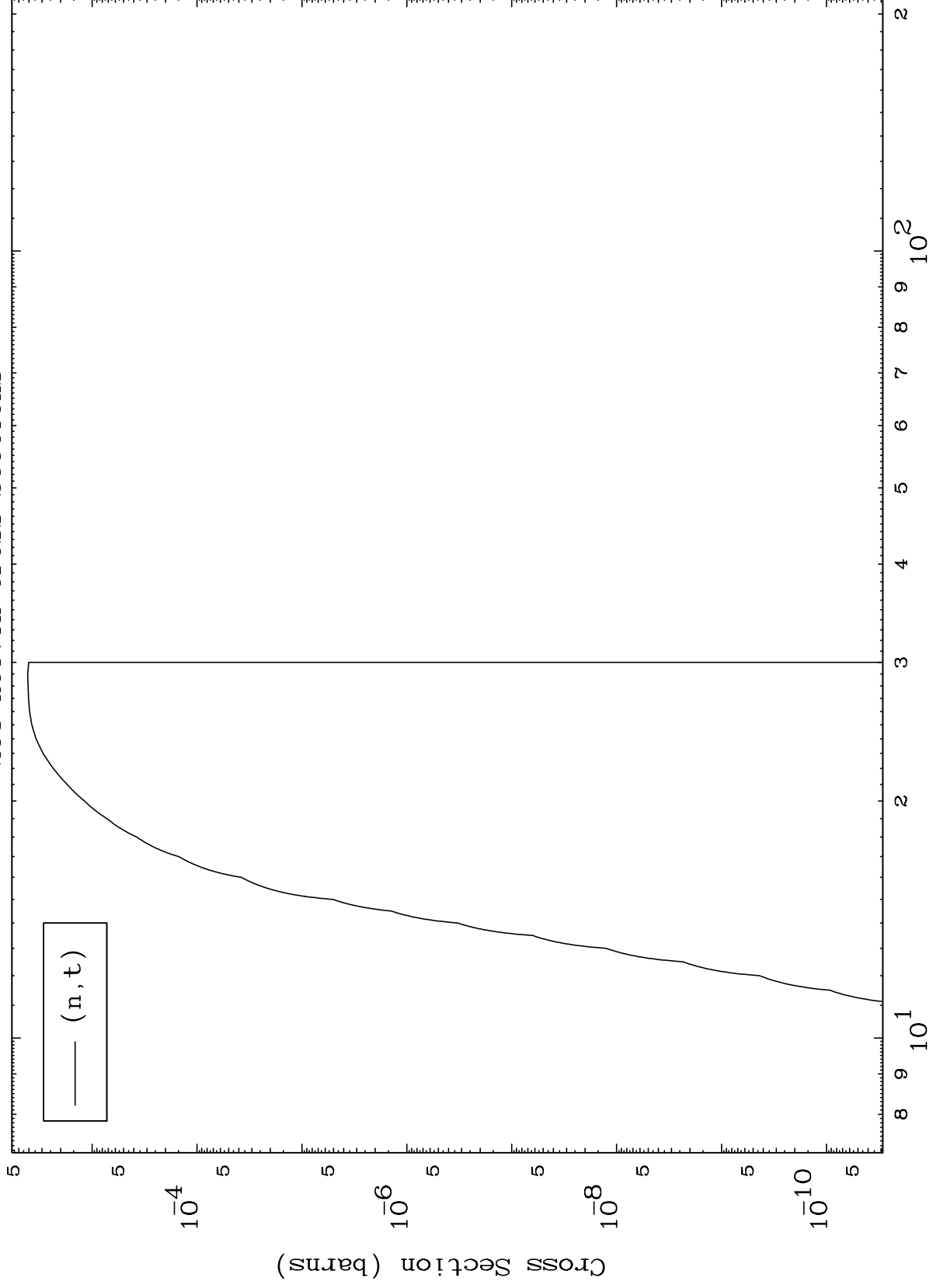
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-135



12

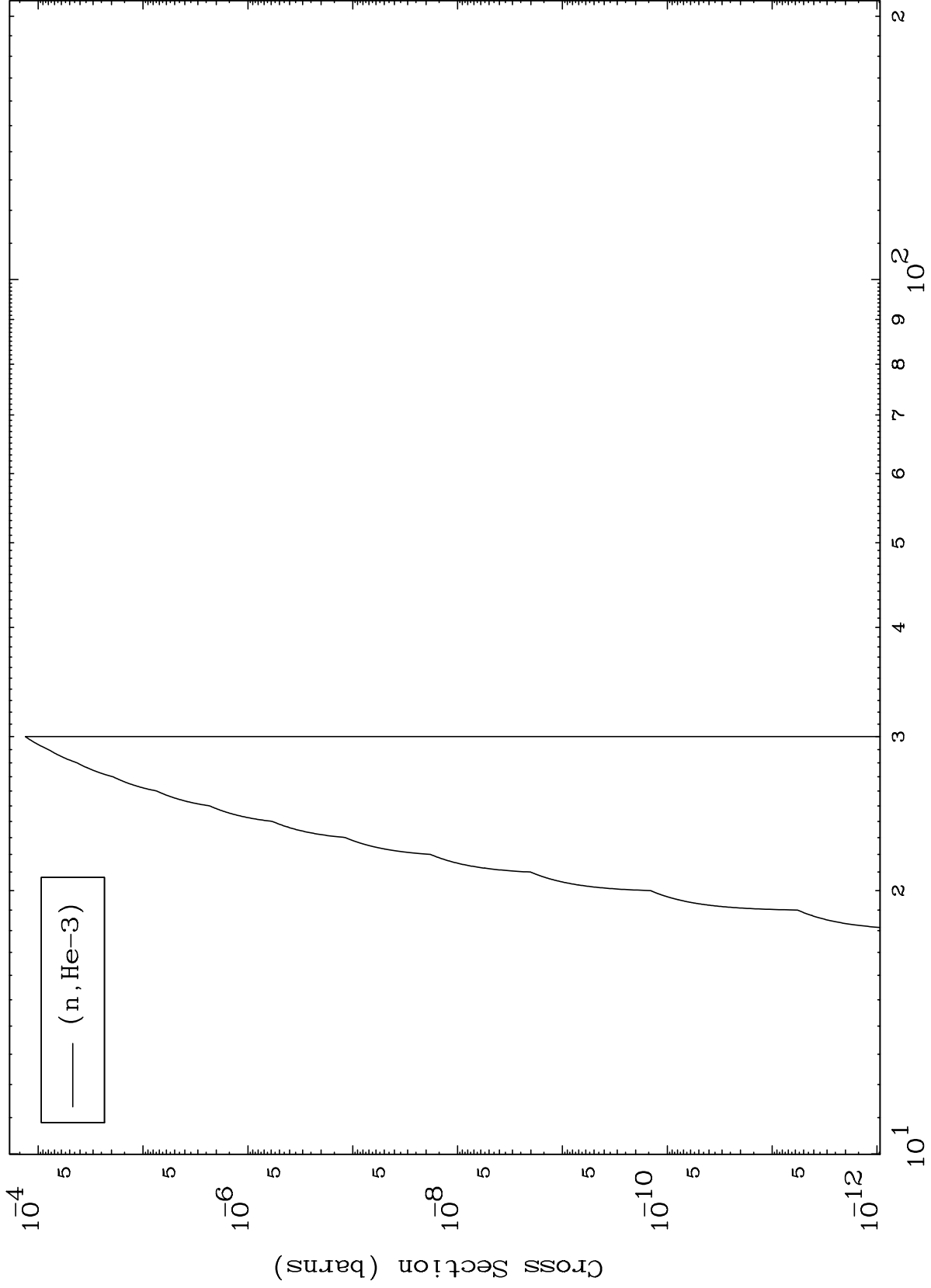
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-135



13

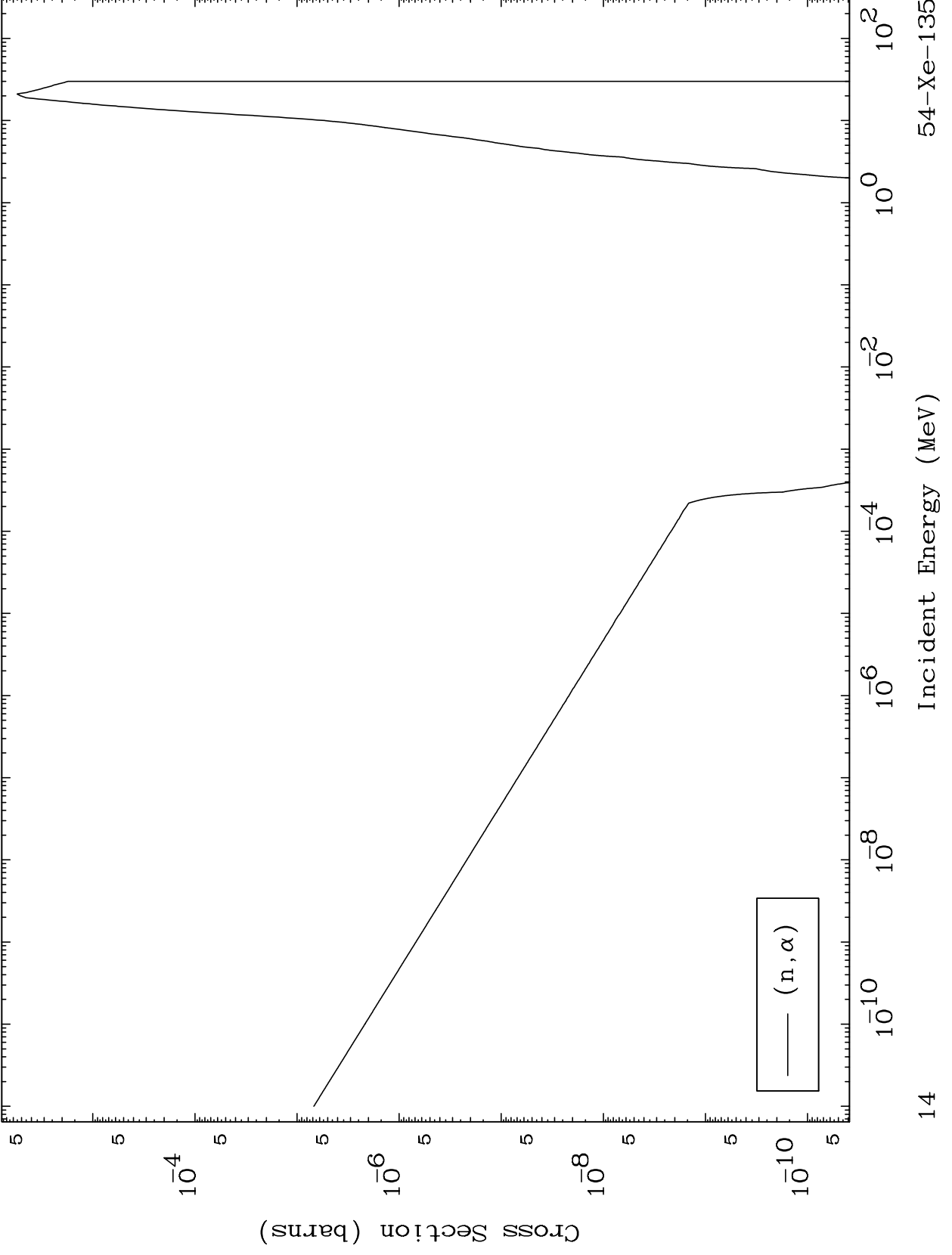
Incident Energy (MeV)

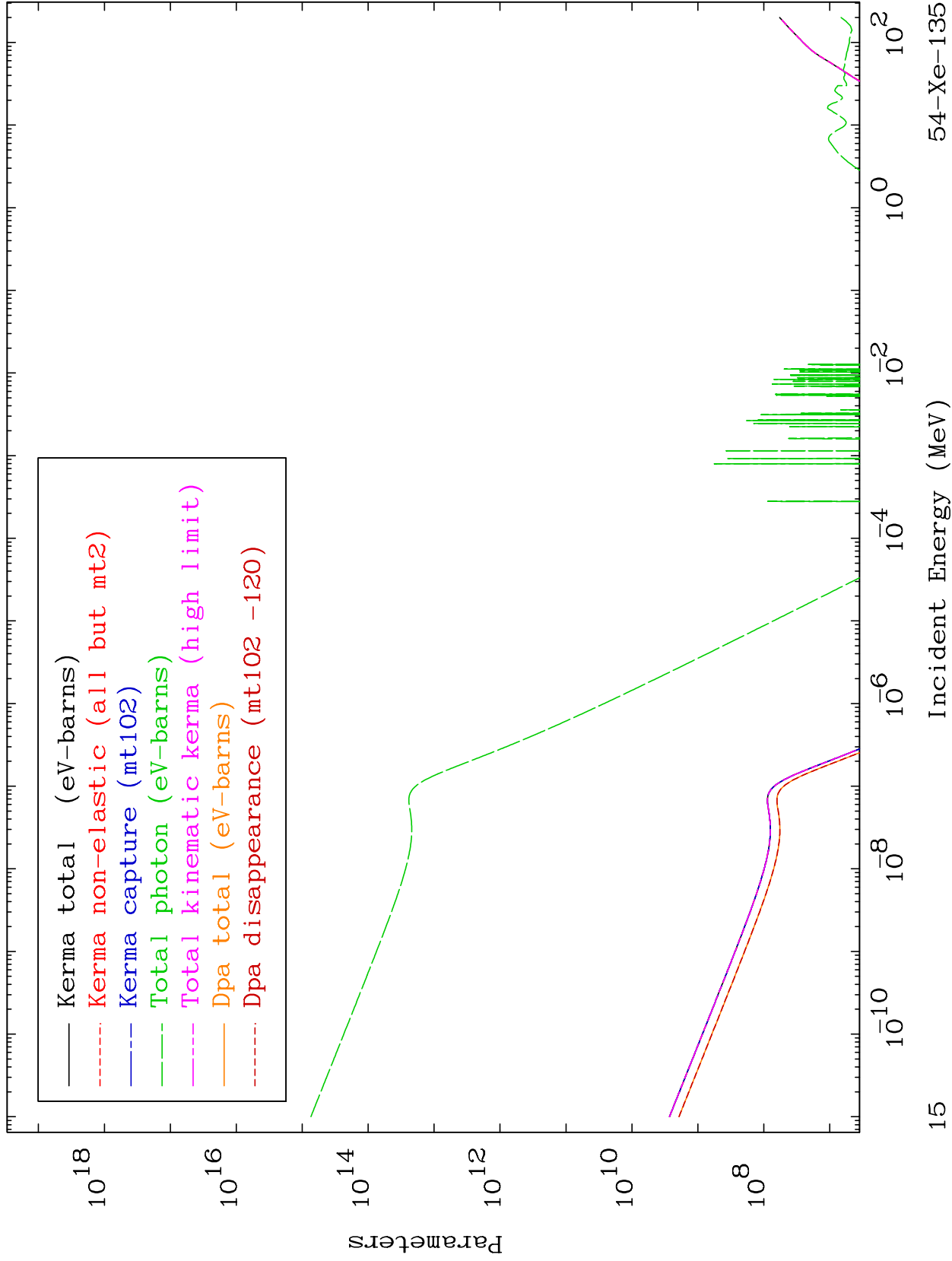
54-Xe-135

MAT 5458

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-135

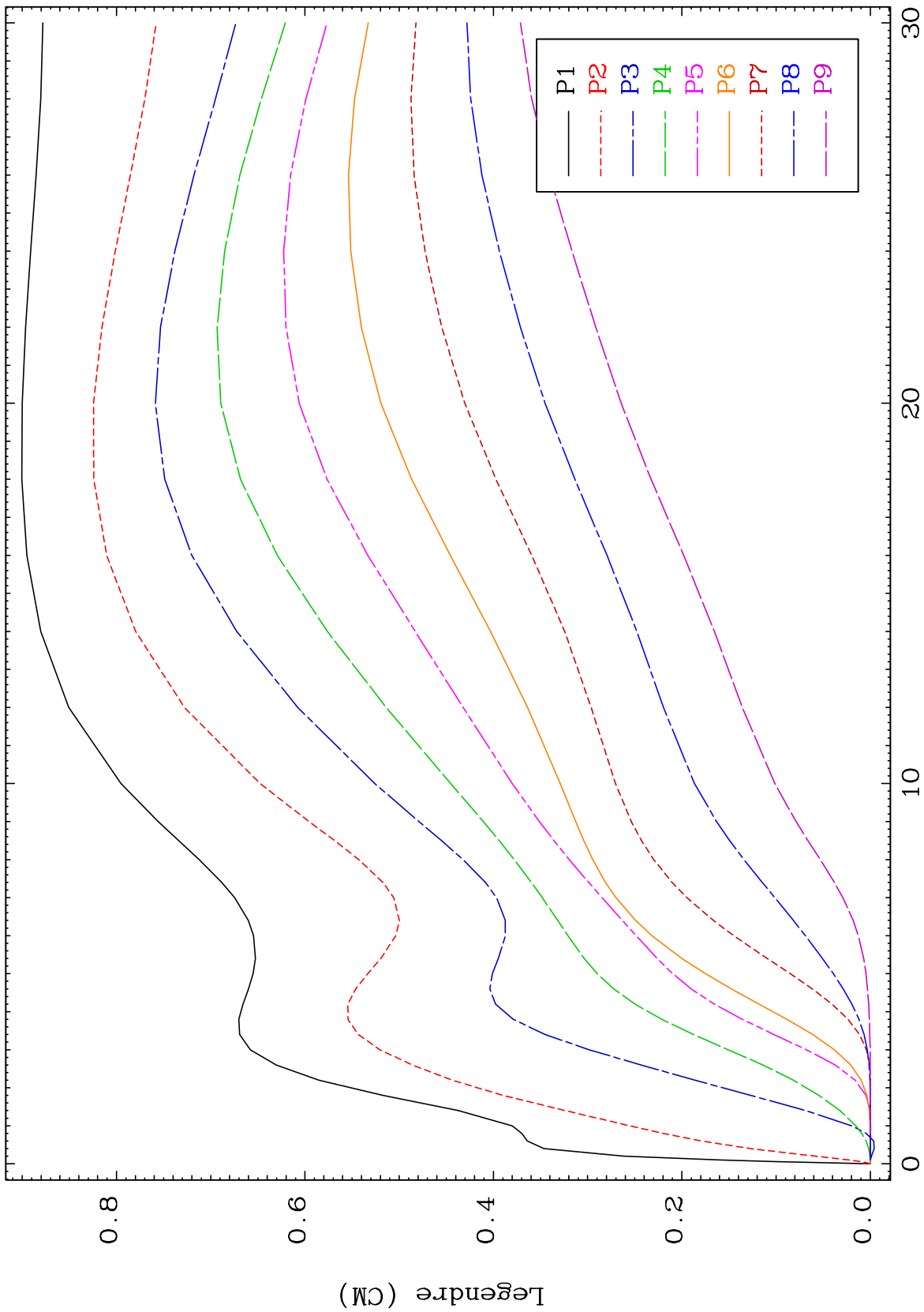




MAT 5458

54-Xe-135

Elastic Legendre Coefficients



54-Xe-135

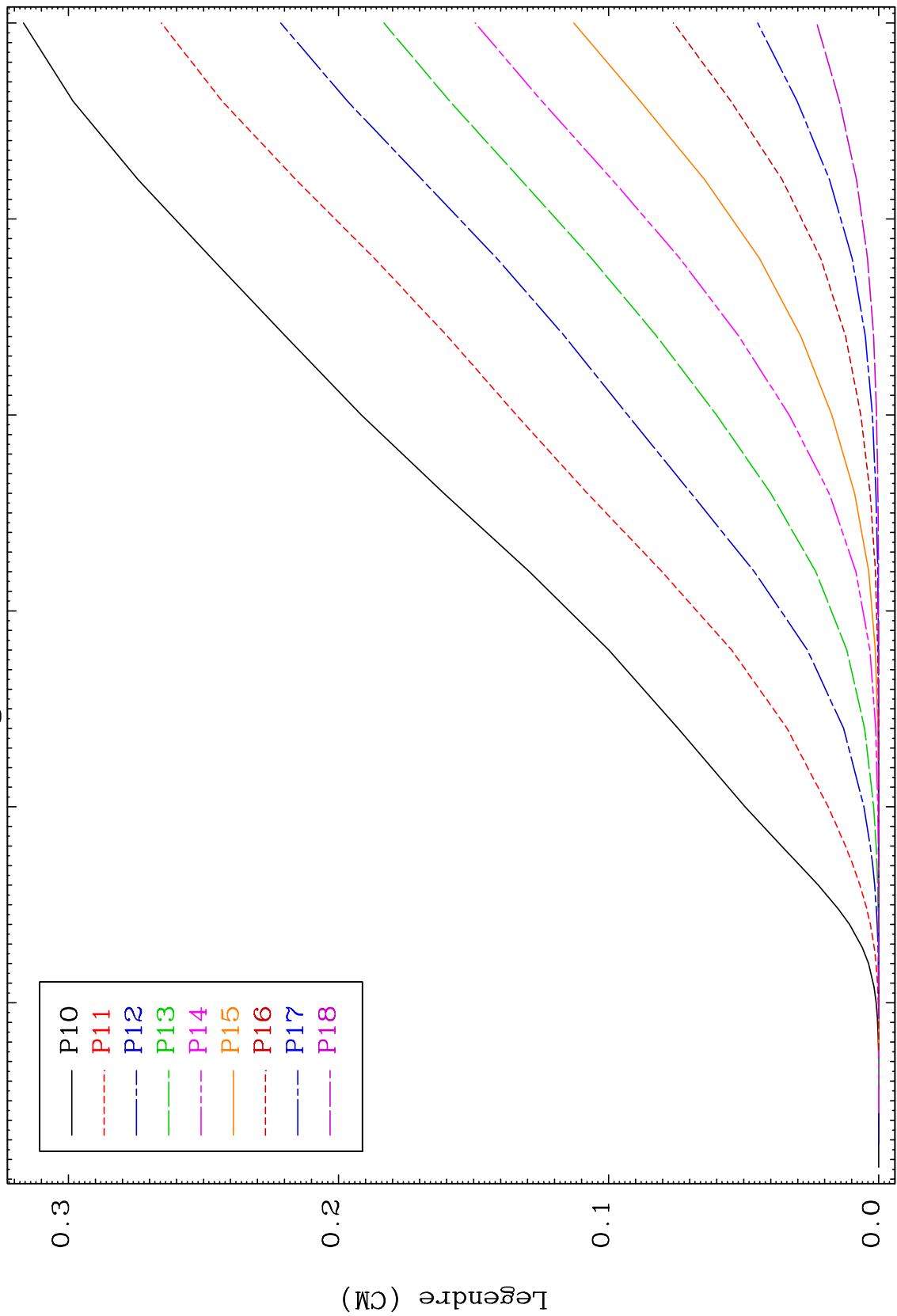
Incident Energy (MeV)

16

MAT 5458

Elastic Legendre Coefficients

54-Xe-135



17

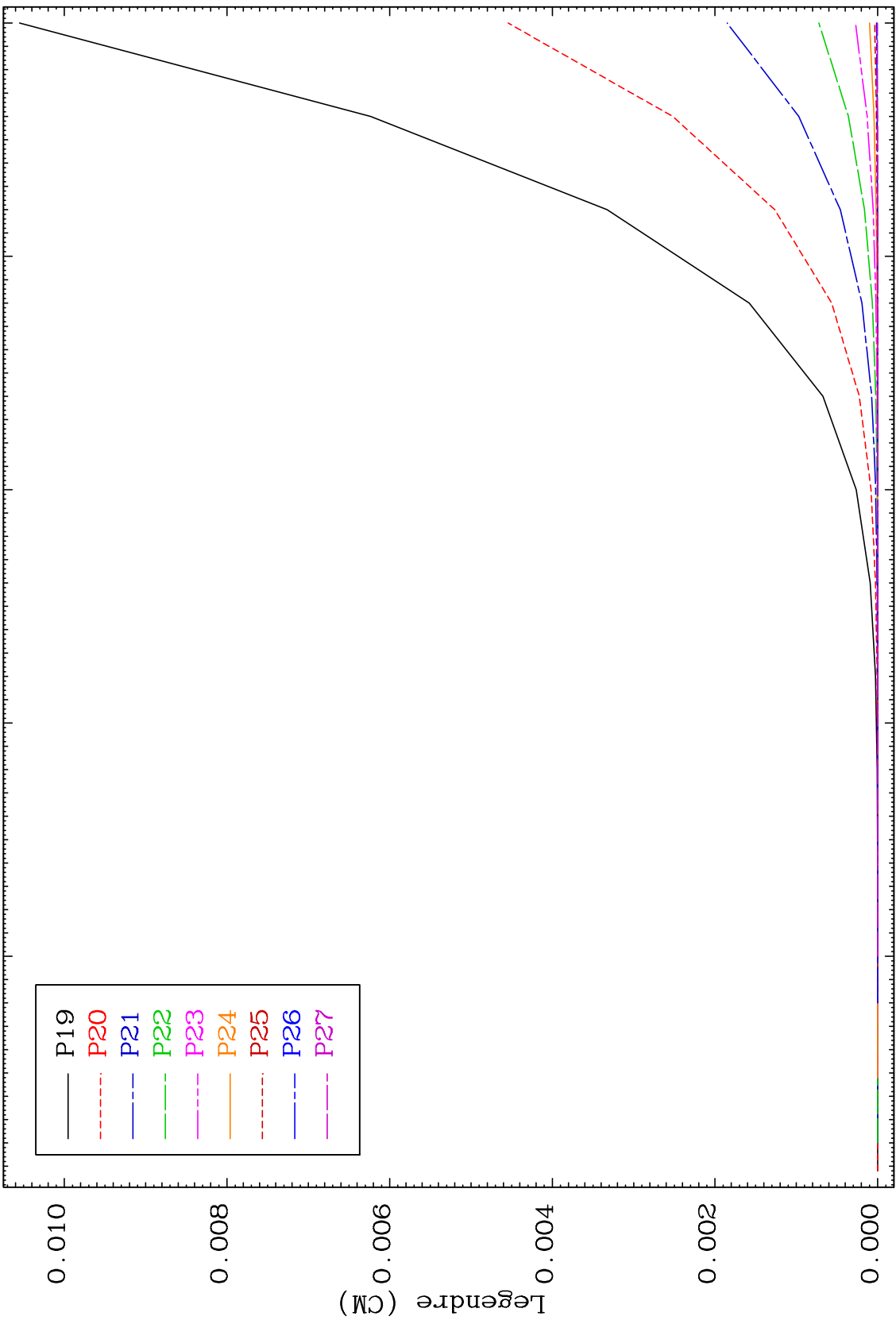
Incident Energy (MeV)

54-Xe-135

MAT 5458

Elastic Legendre Coefficients

54-Xe-135



18

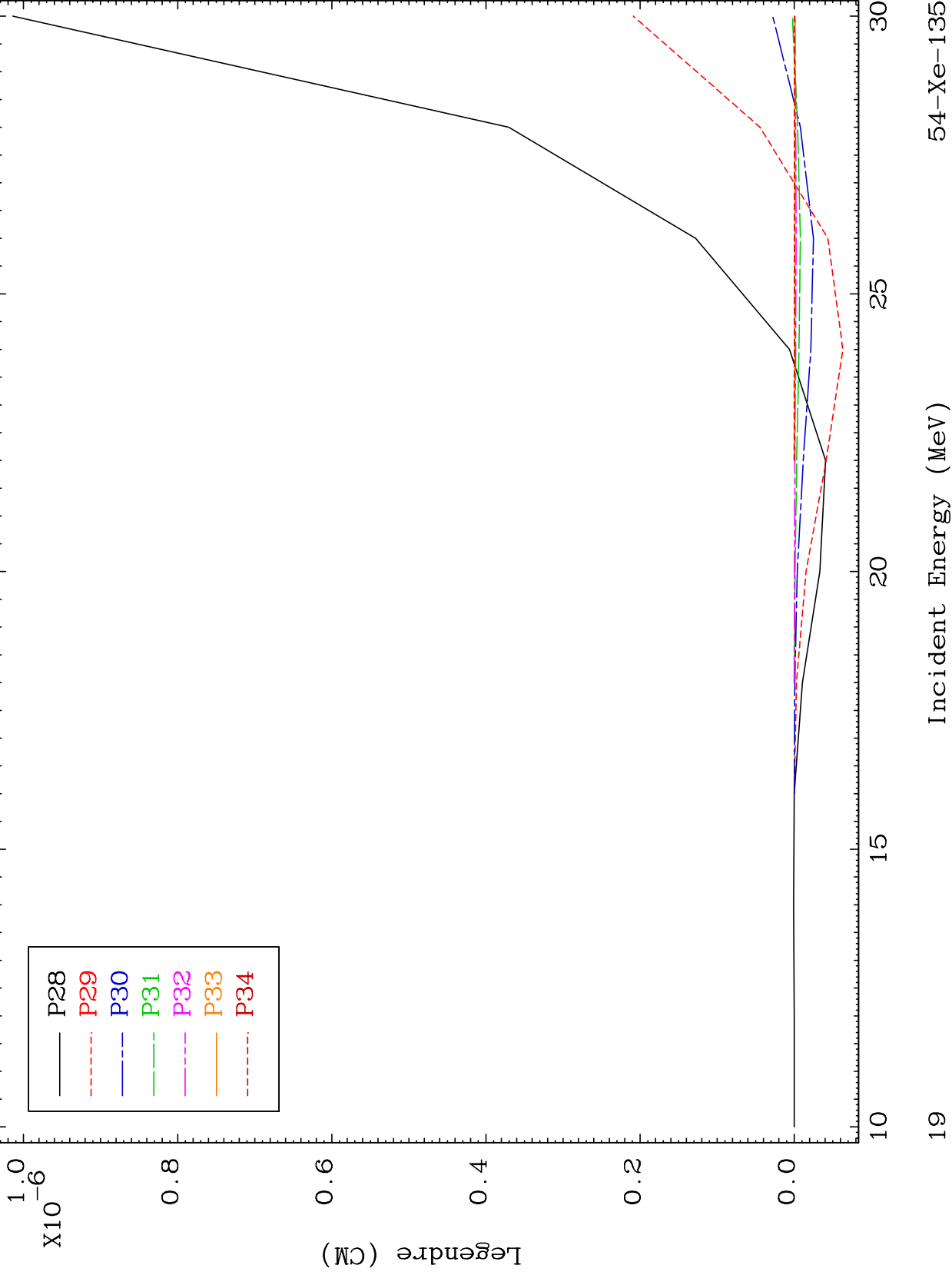
Incident Energy (MeV)

54-Xe-135

MAT 5458

Elastic Legendre Coefficients

54-Xe-135



19

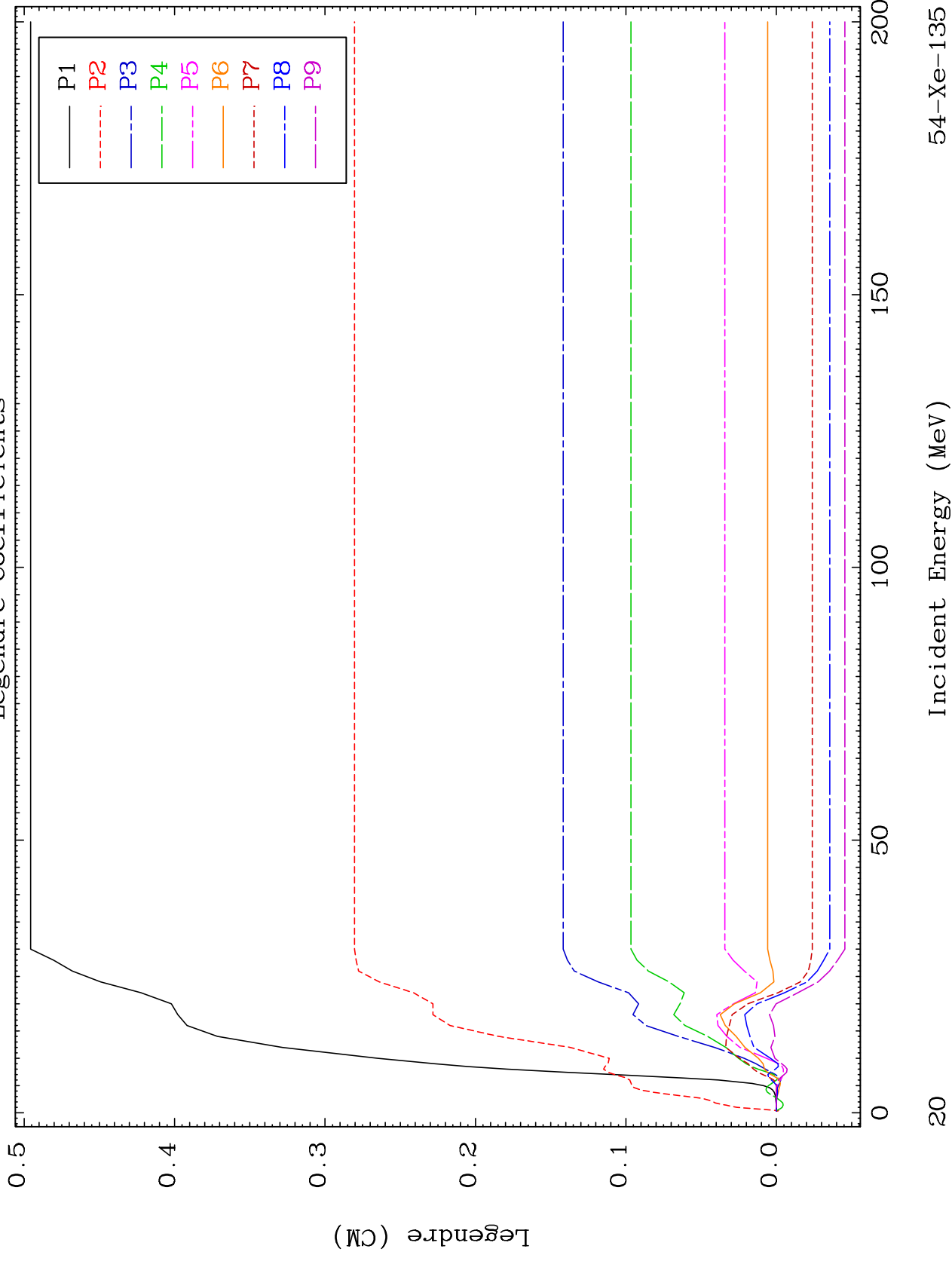
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

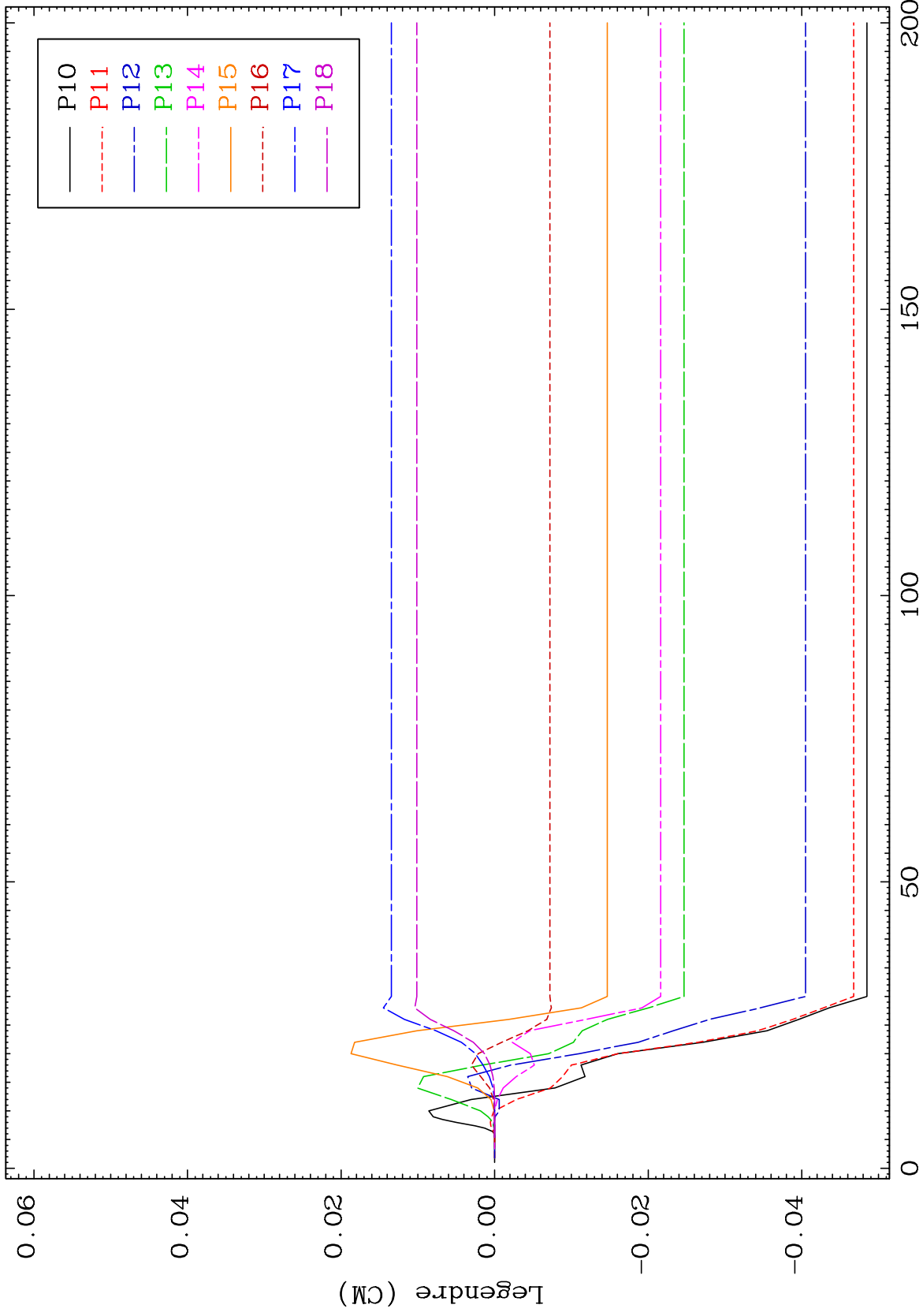
54-Xe-135



MAT 5458

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

54-Xe-135



21

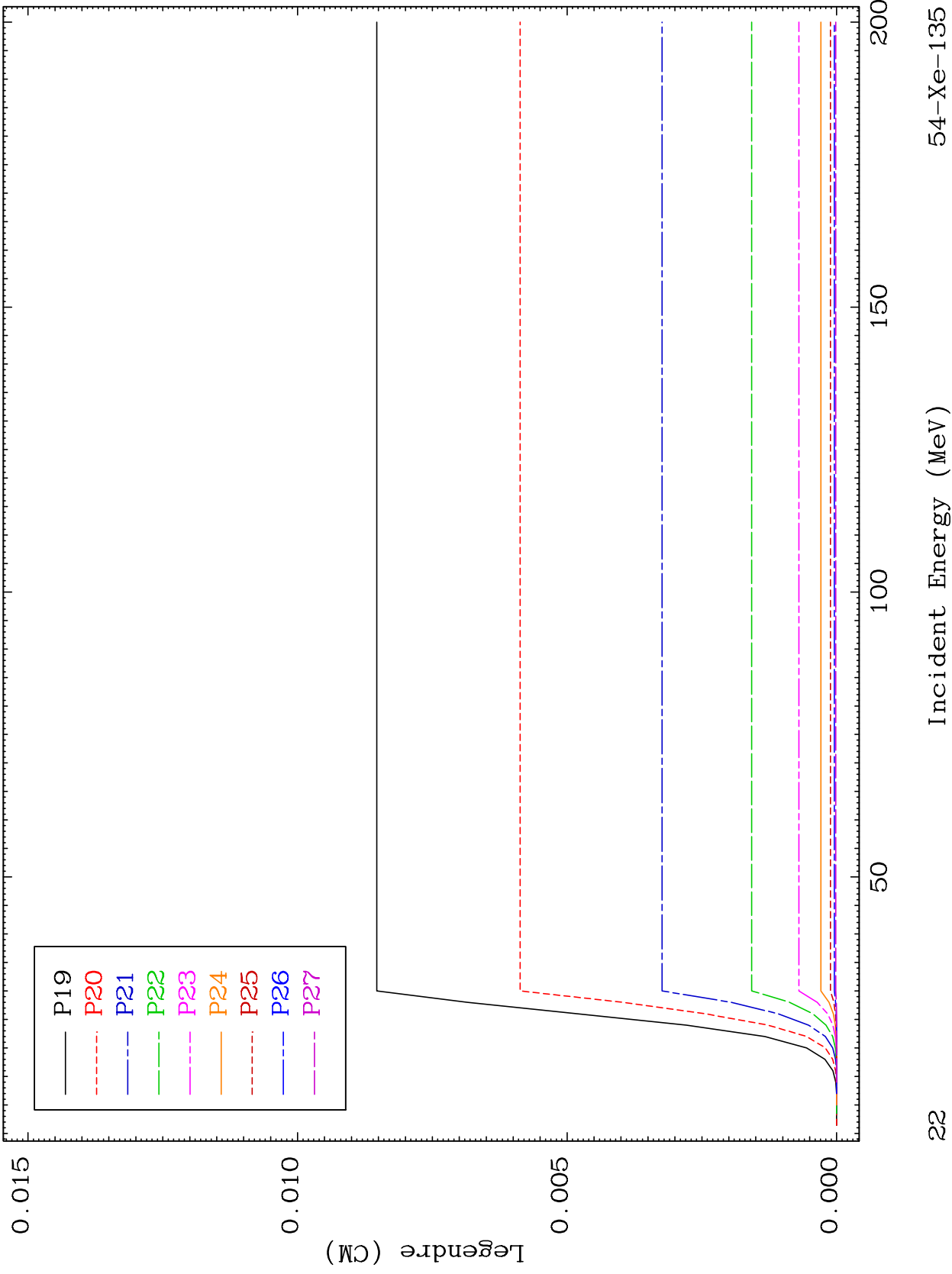
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



22

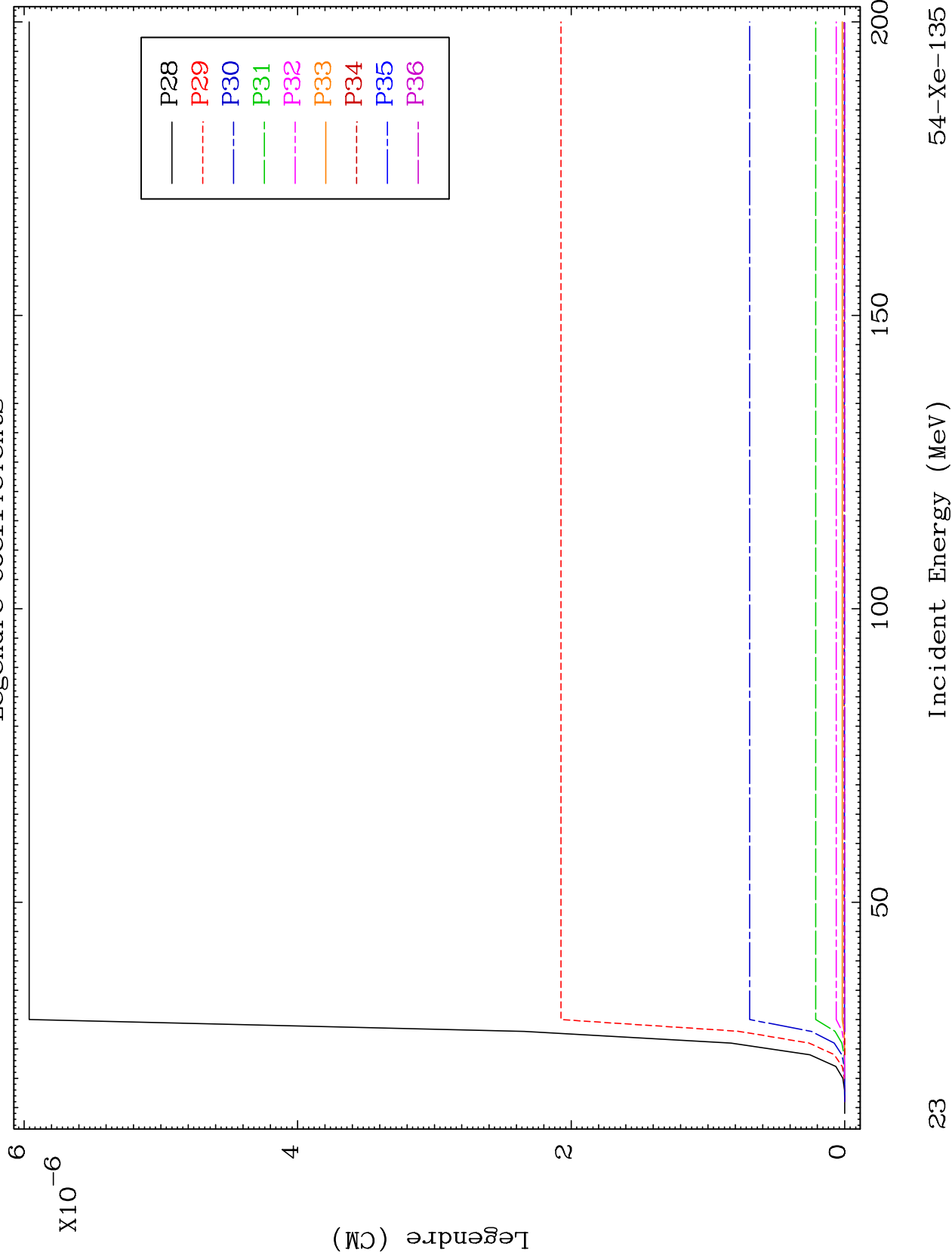
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



23

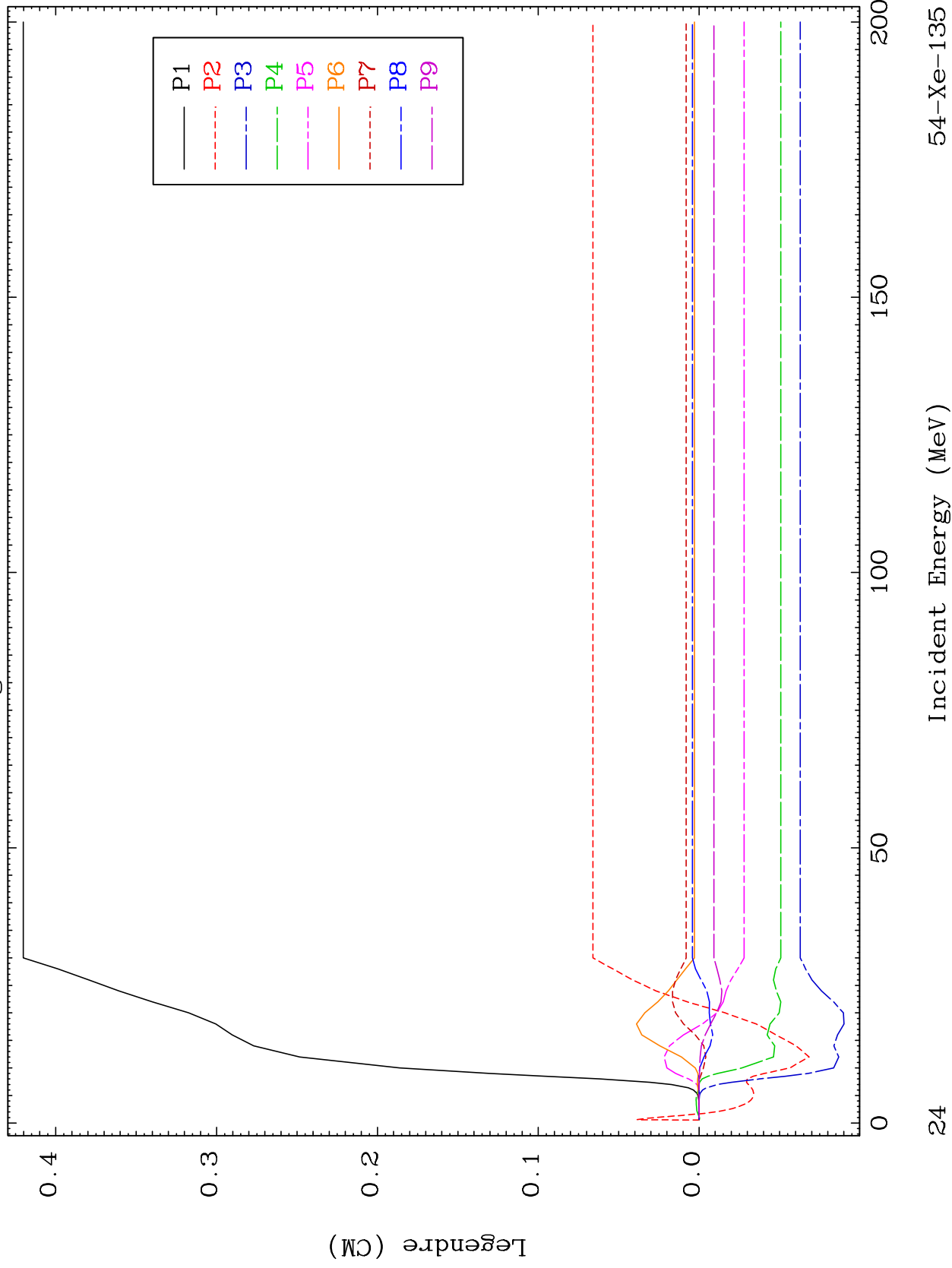
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



24

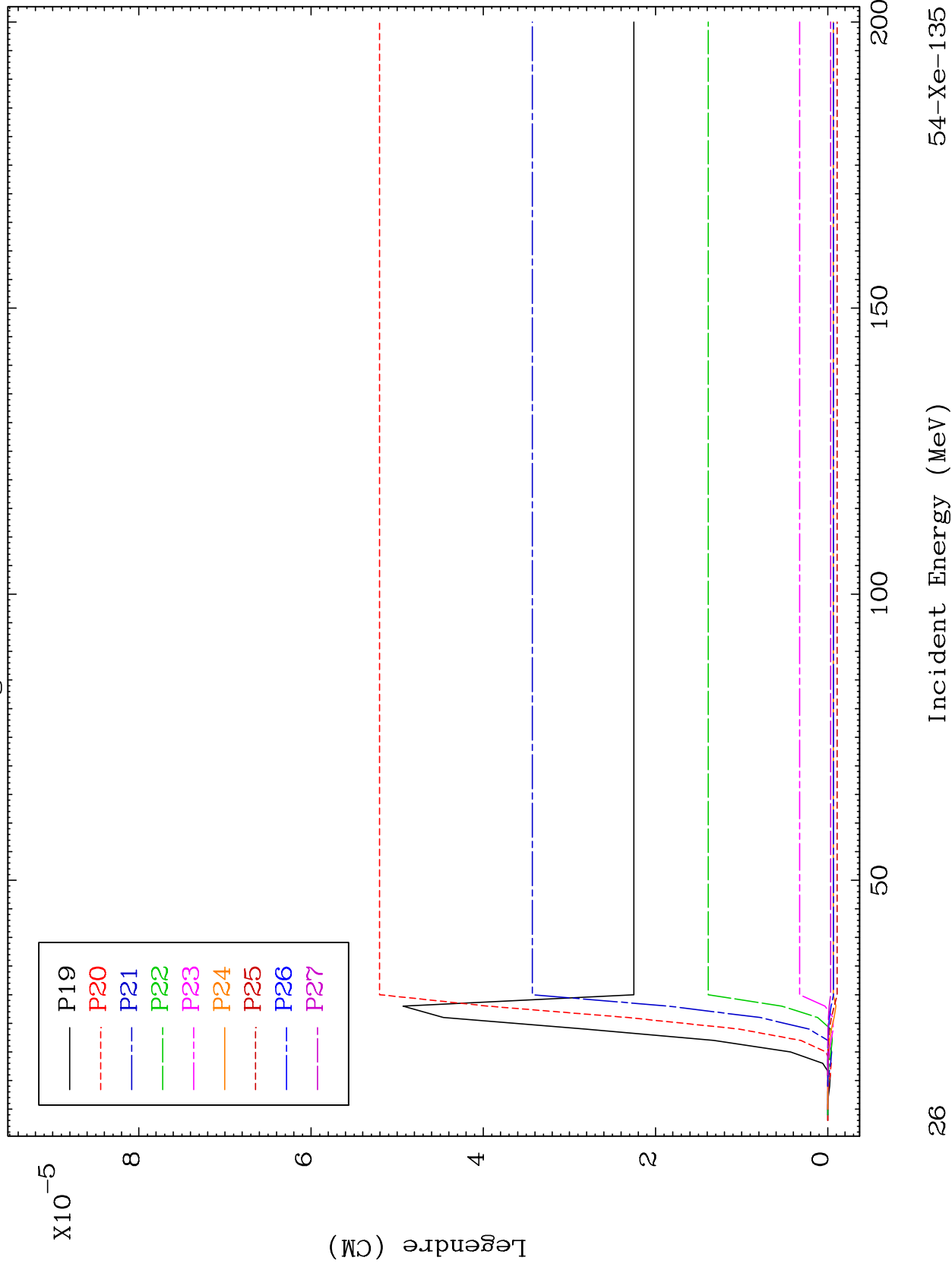
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135

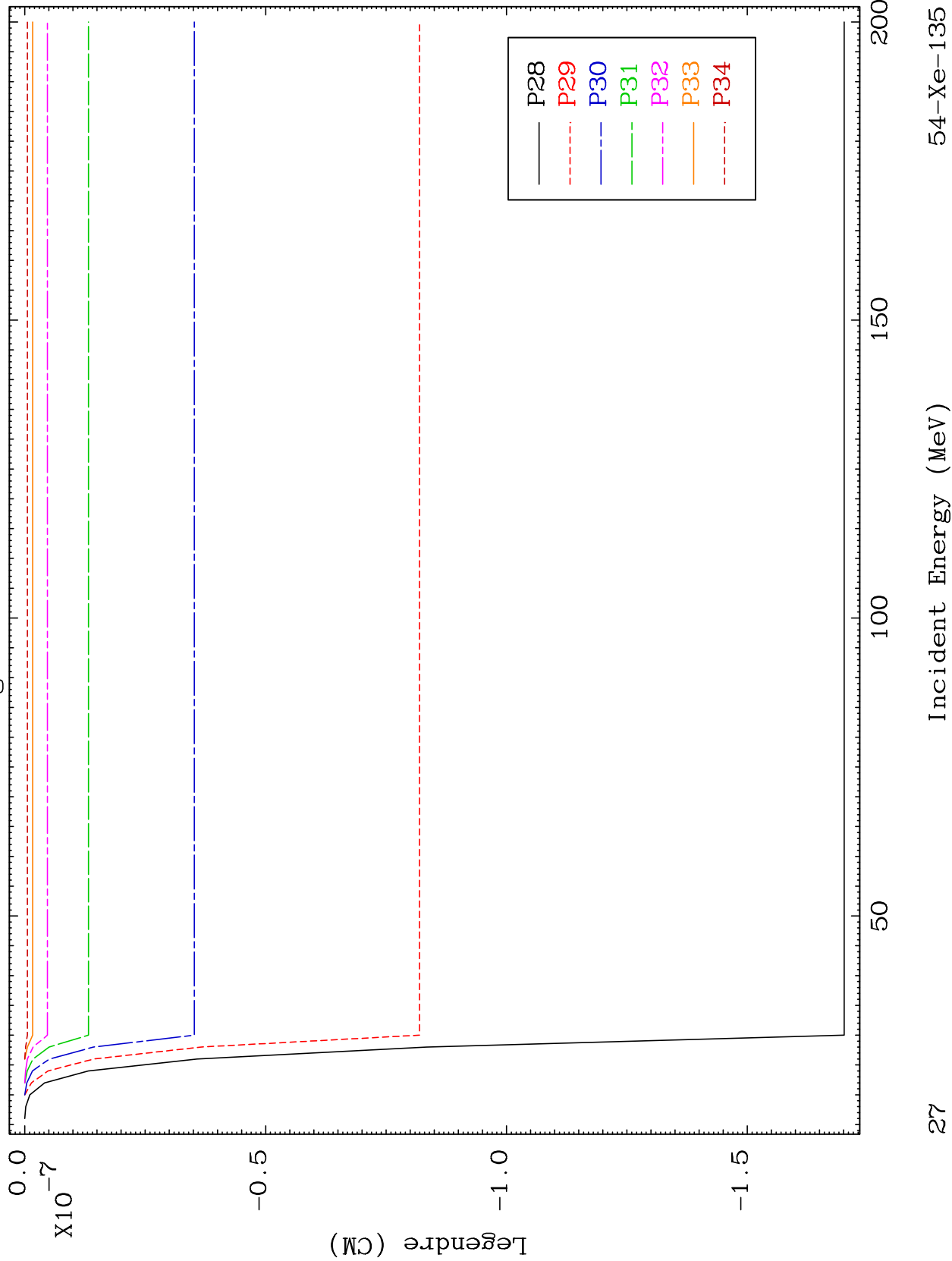


26

MAT 5458

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

54-Xe-135



27

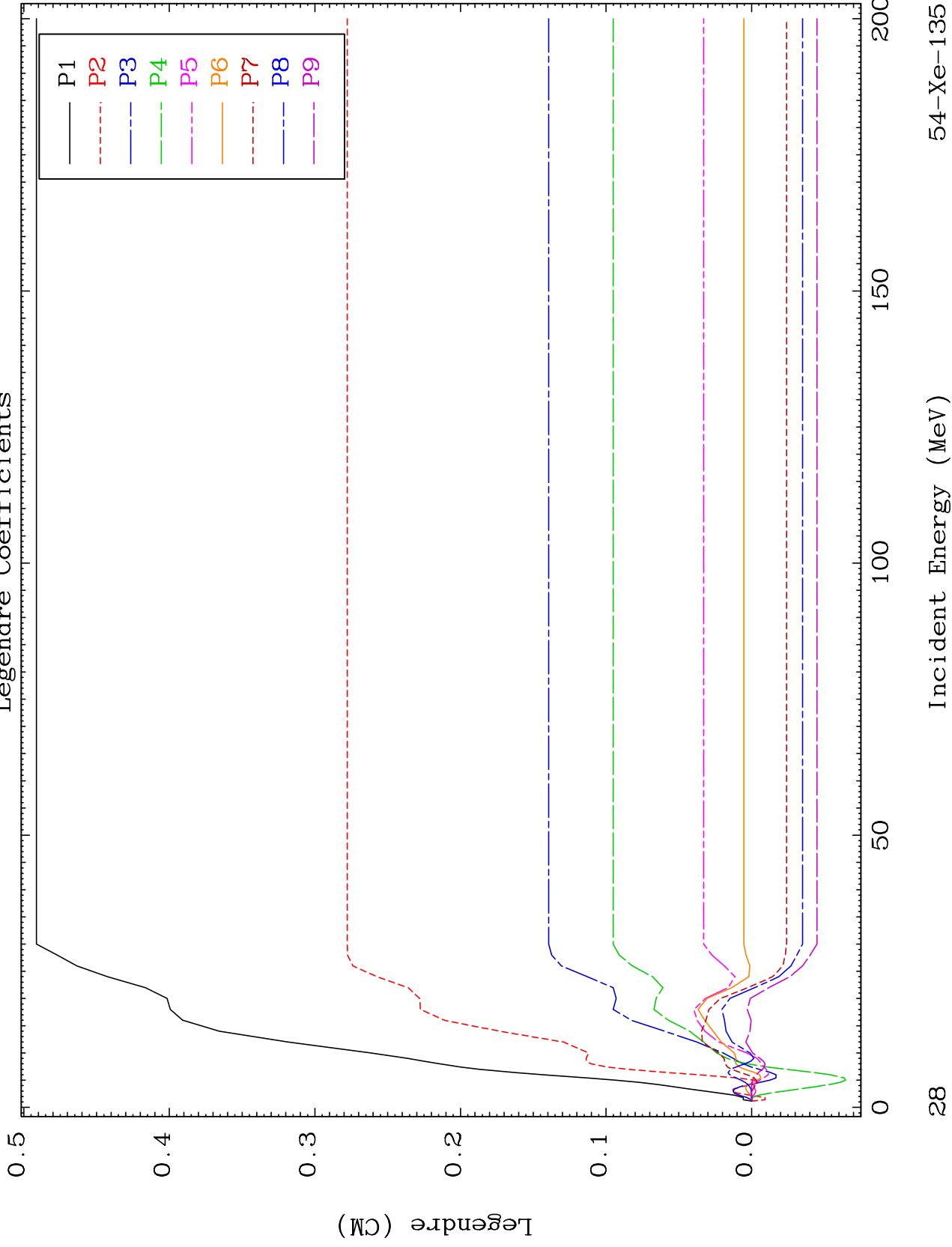
54-Xe-135

MAT 5458

MT= 53 (n,n') Level

54-Xe-135

Legendre Coefficients



54-Xe-135

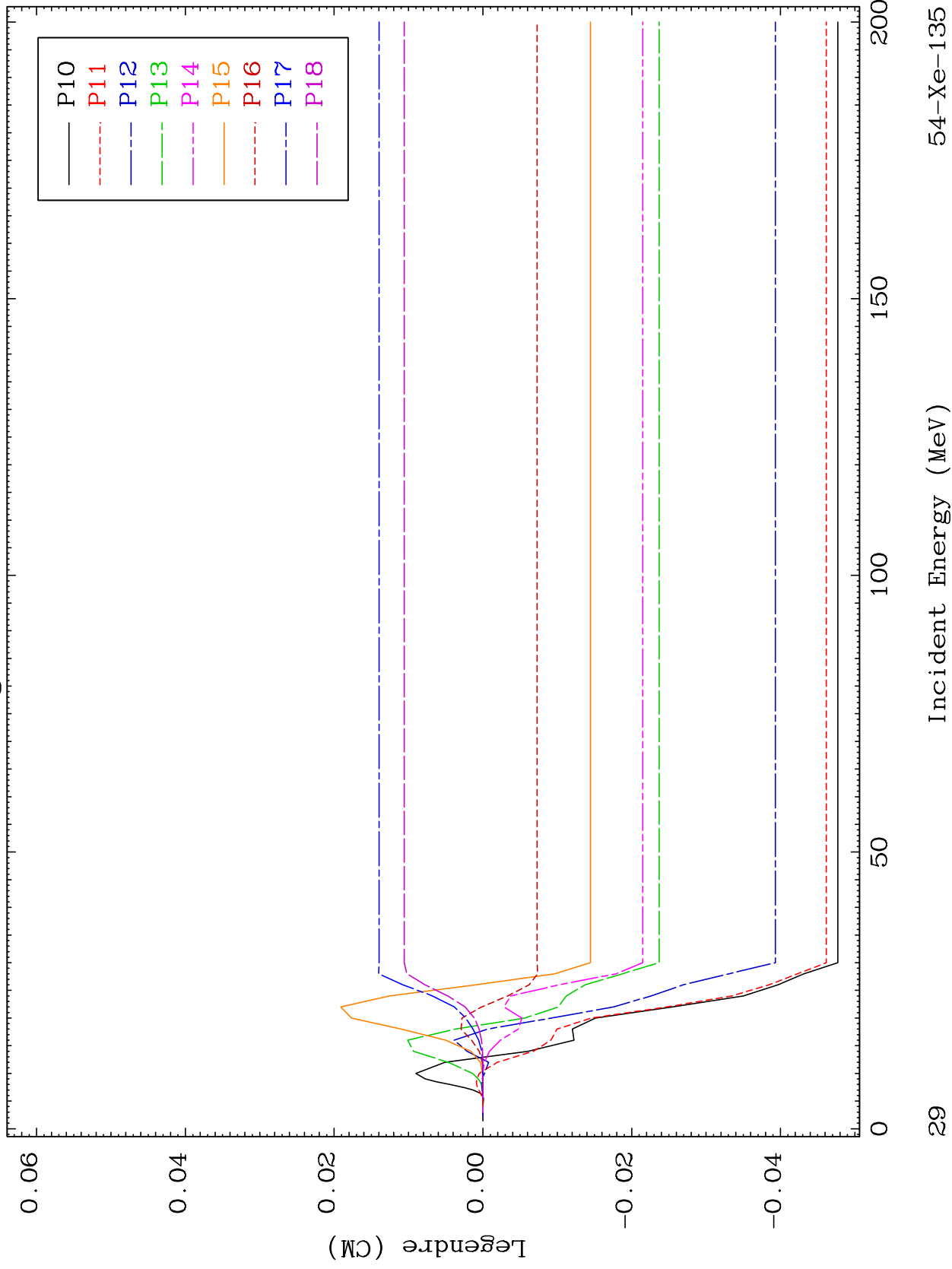
Incident Energy (MeV)

28

MAT 5458

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

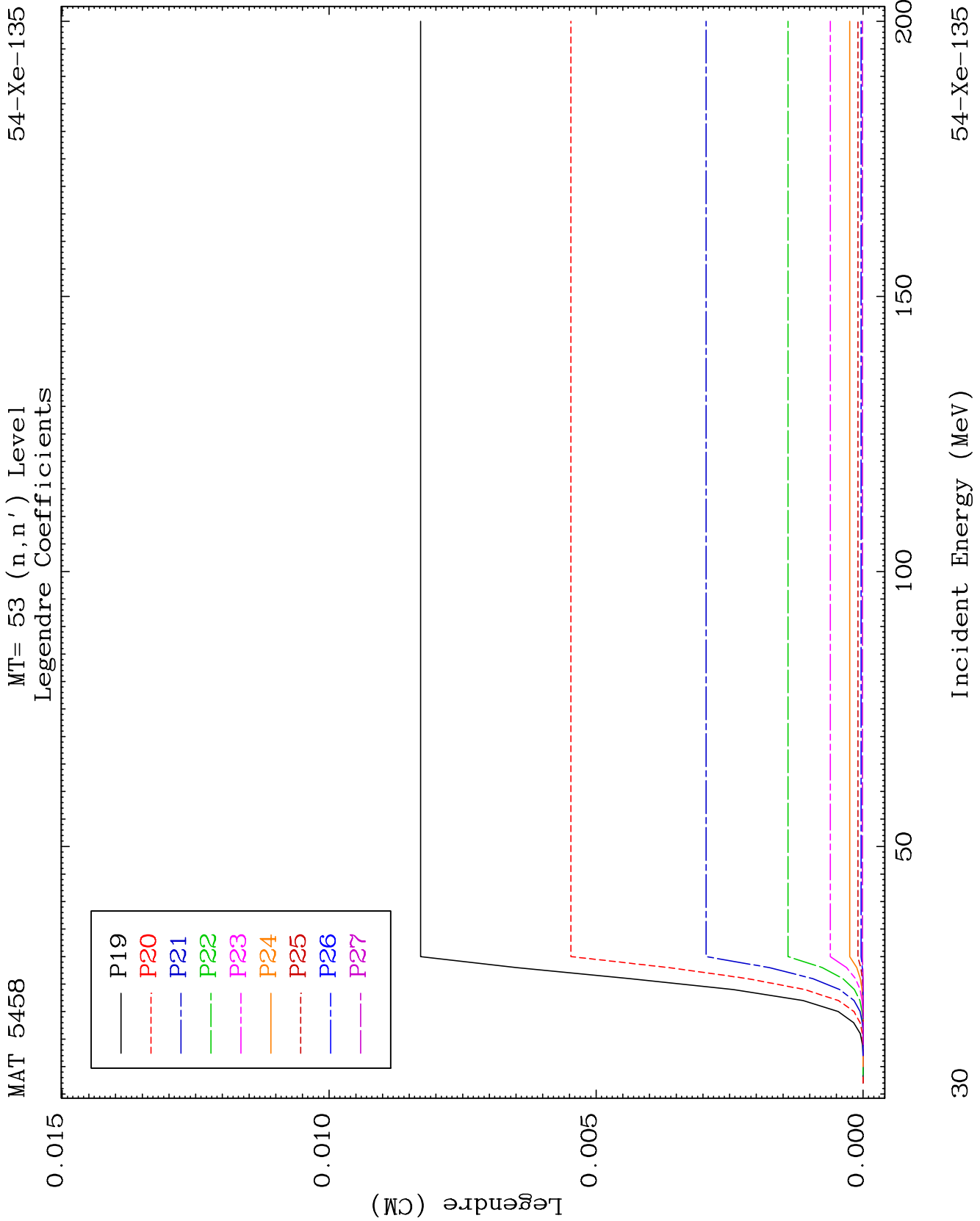
54-Xe-135



54-Xe-135

Incident Energy (MeV)

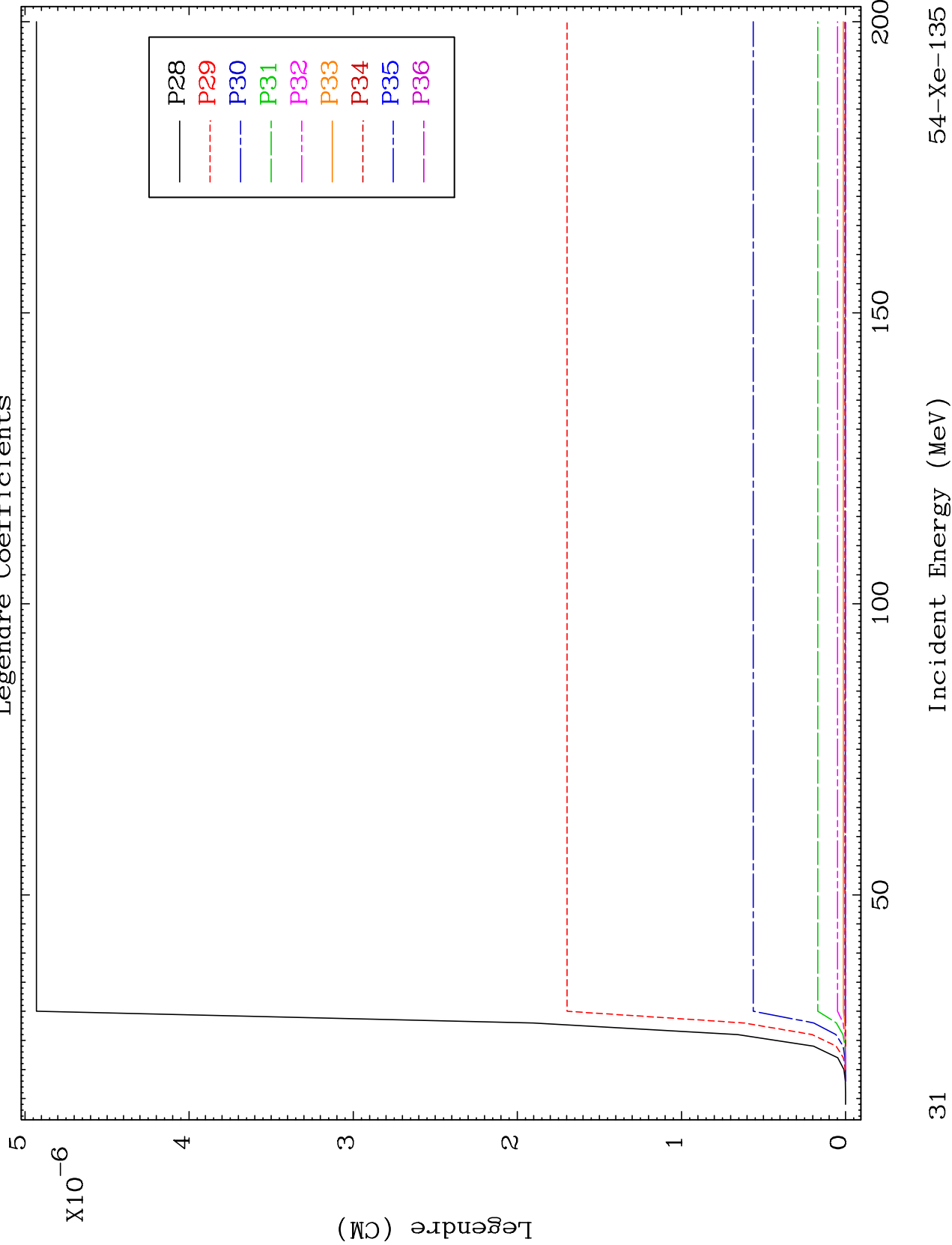
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MAT 5458

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

54-Xe-135



31

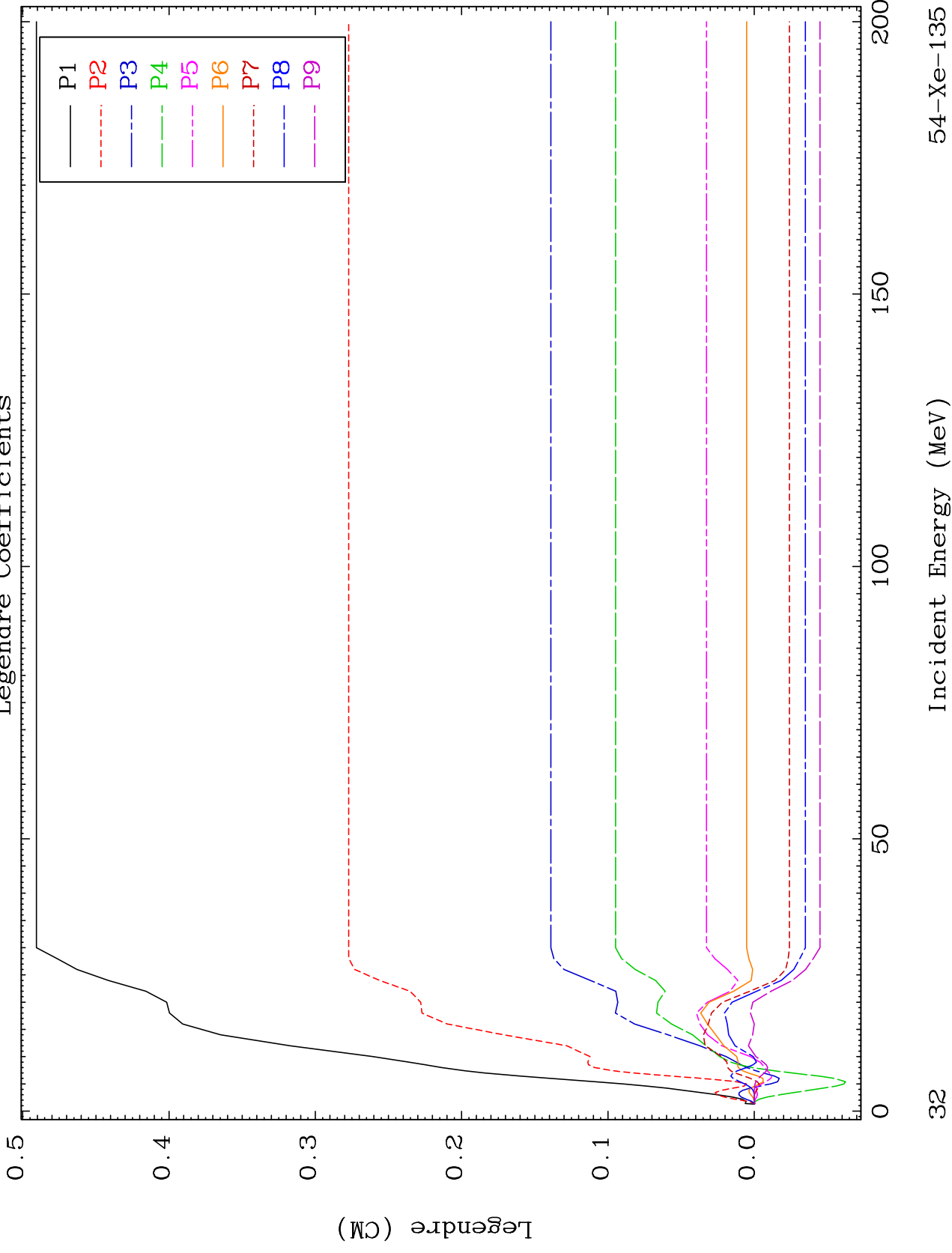
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



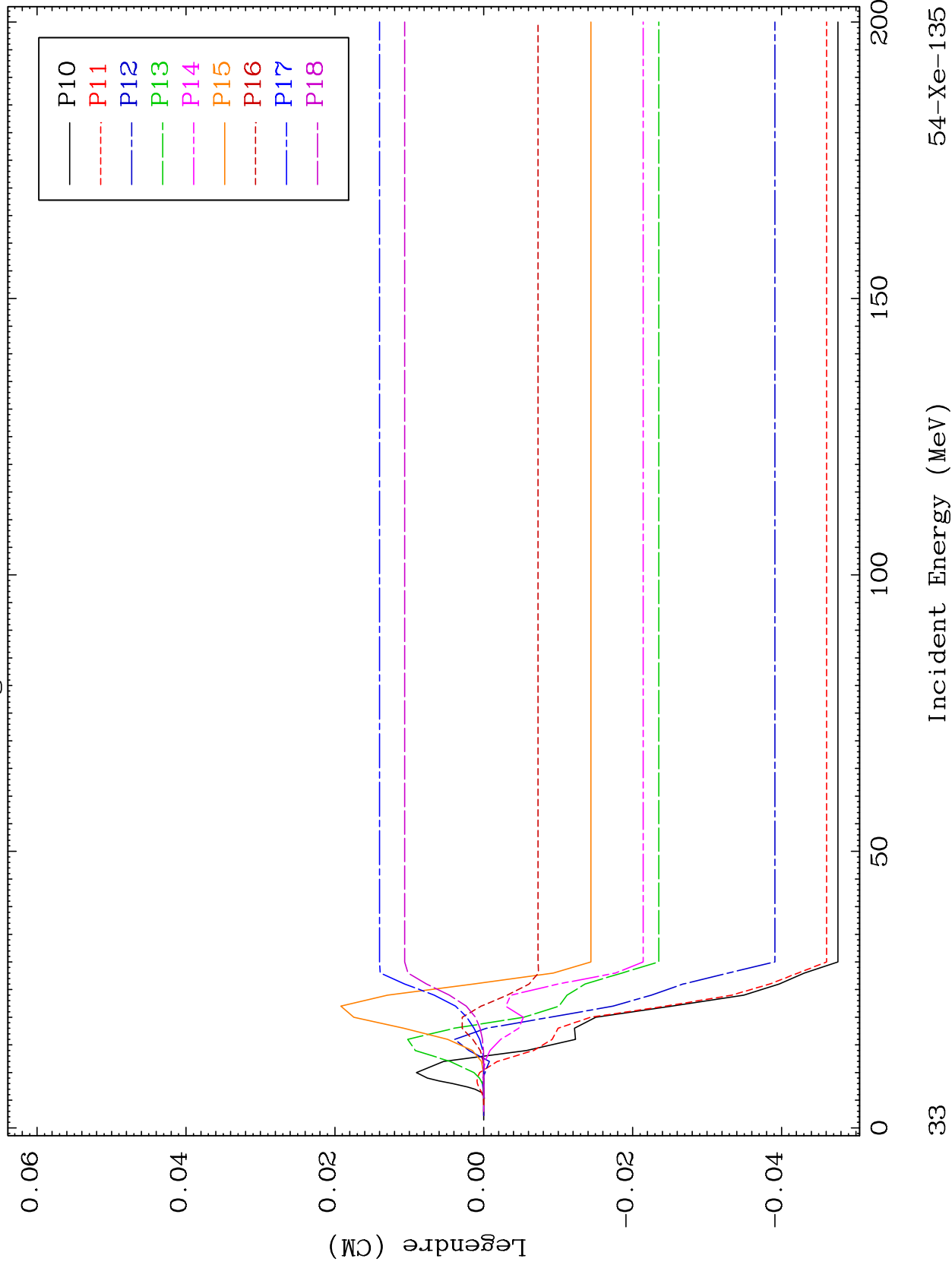
32

54-Xe-135

MAT 5458

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

54-Xe-135



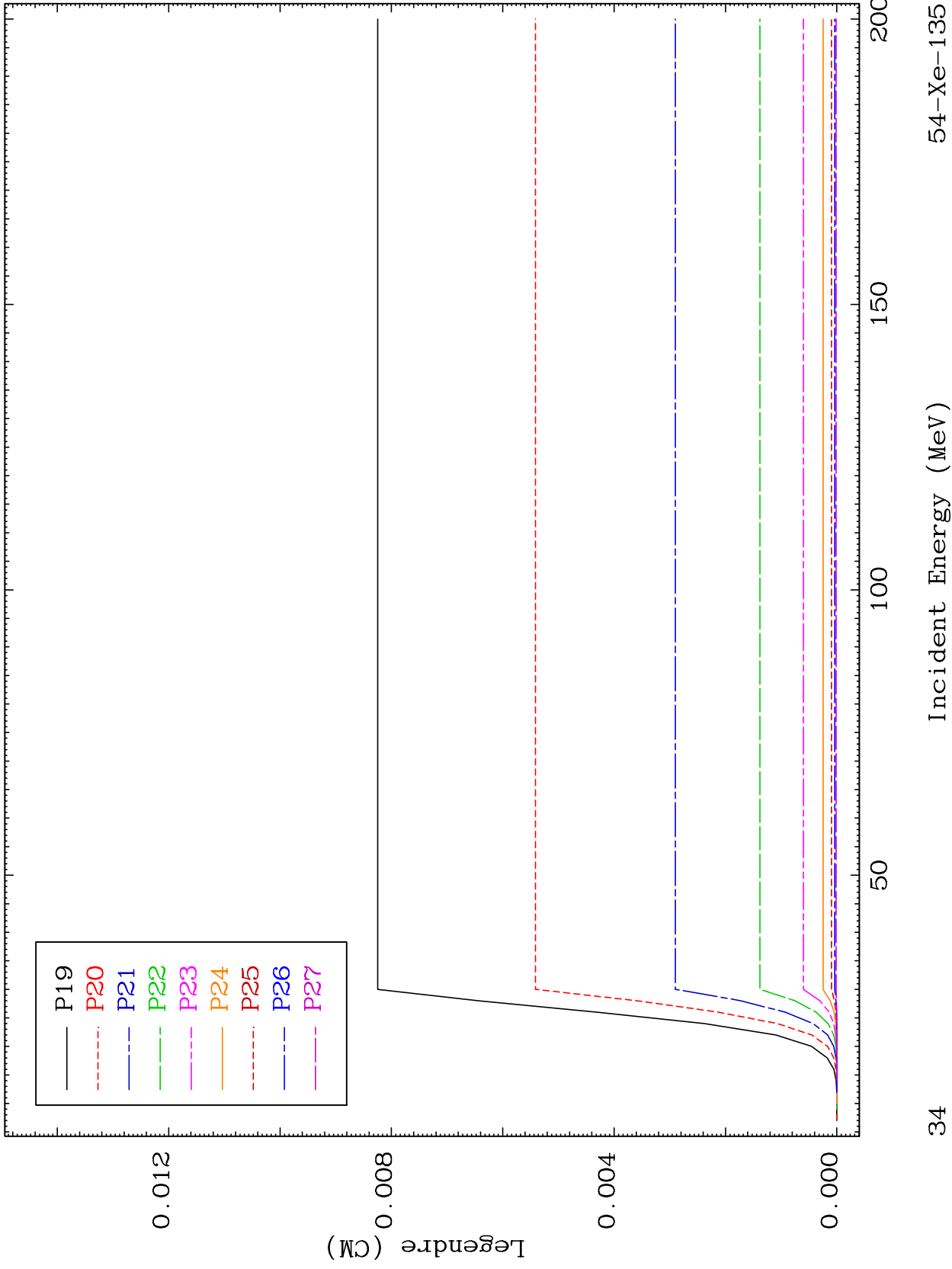
33

54-Xe-135

MAT 5458

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

54-Xe-135



34

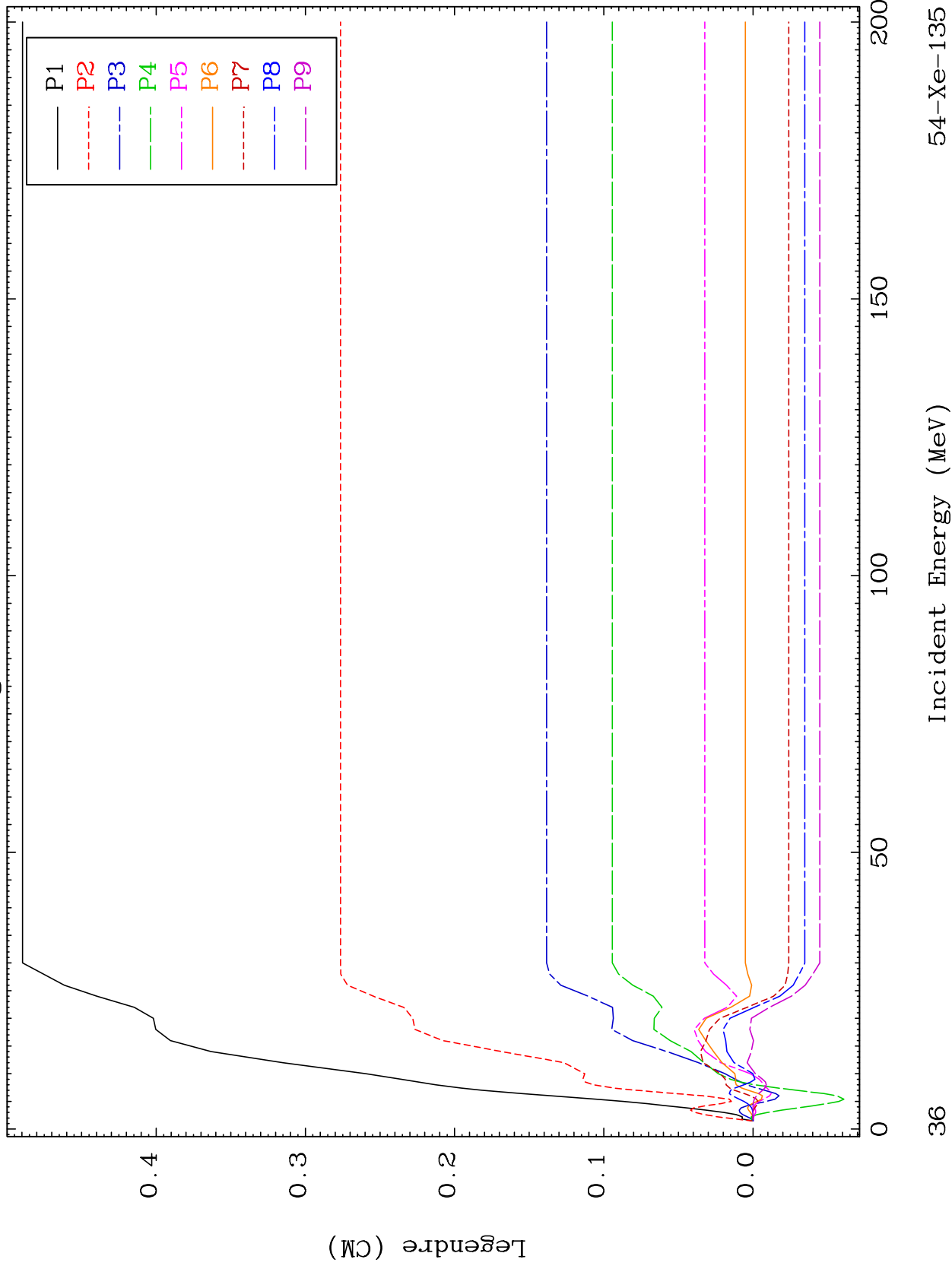
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

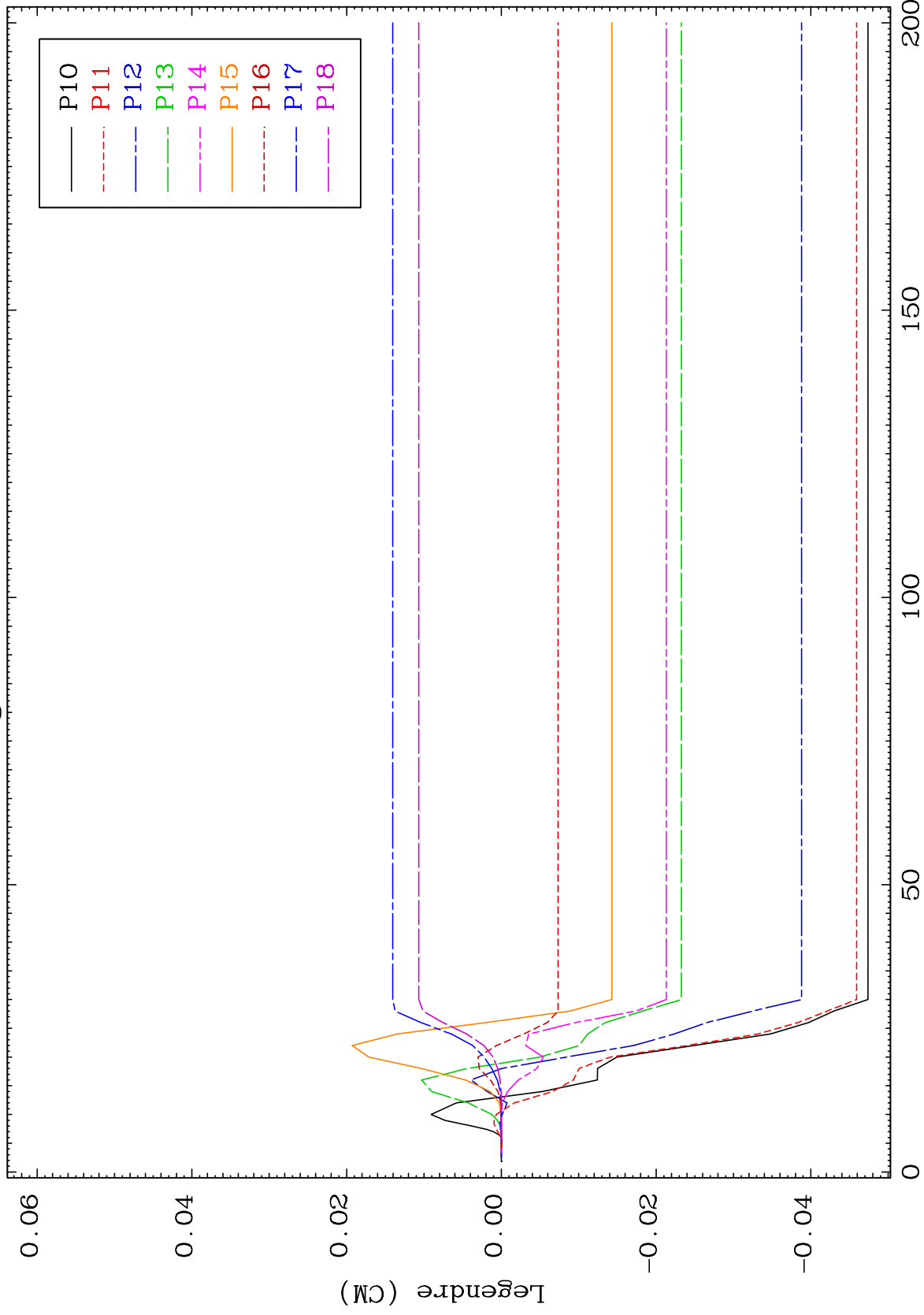
54-Xe-135



MAT 5458

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

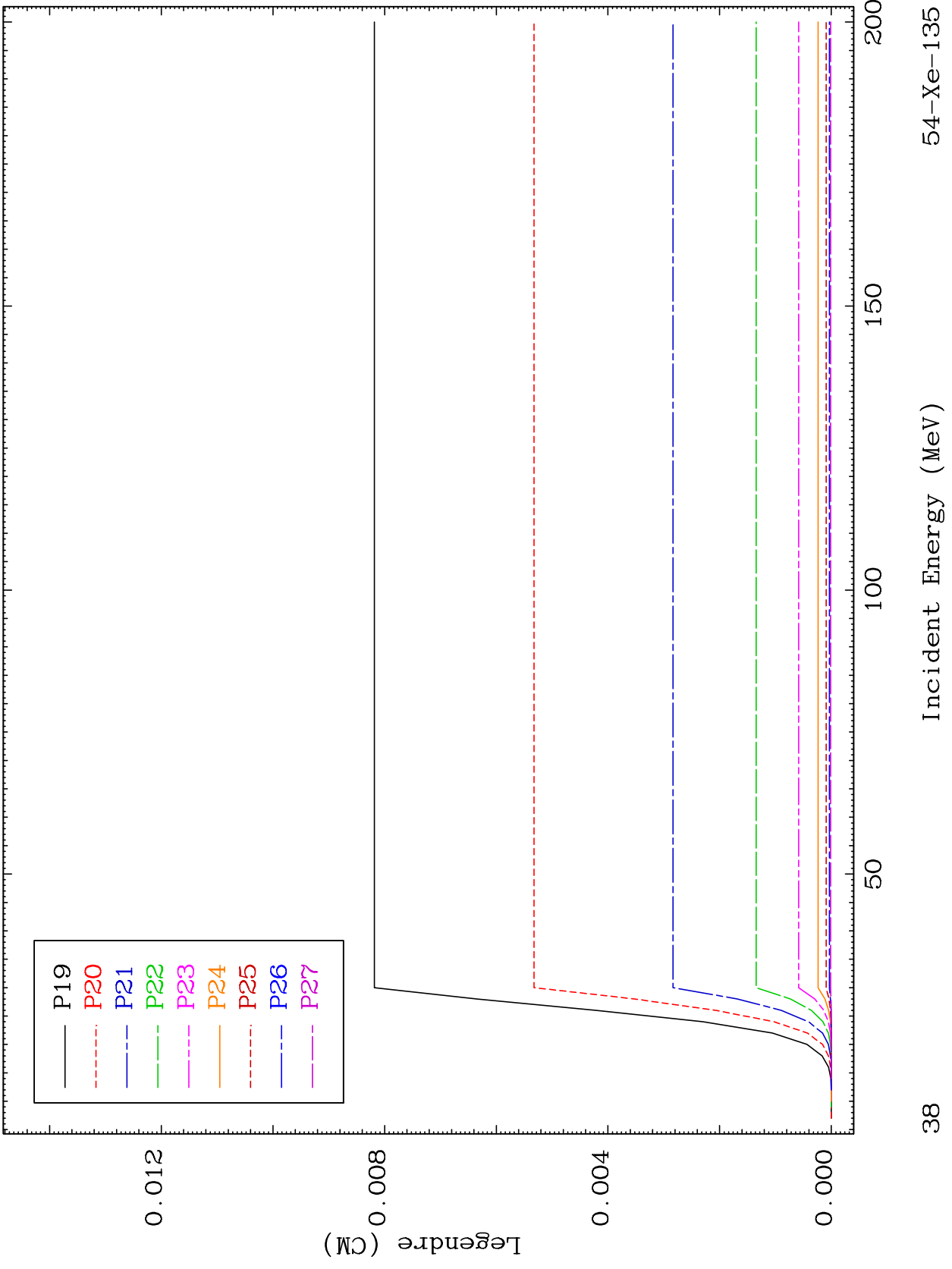
54-Xe-135



37

Incident Energy (MeV)

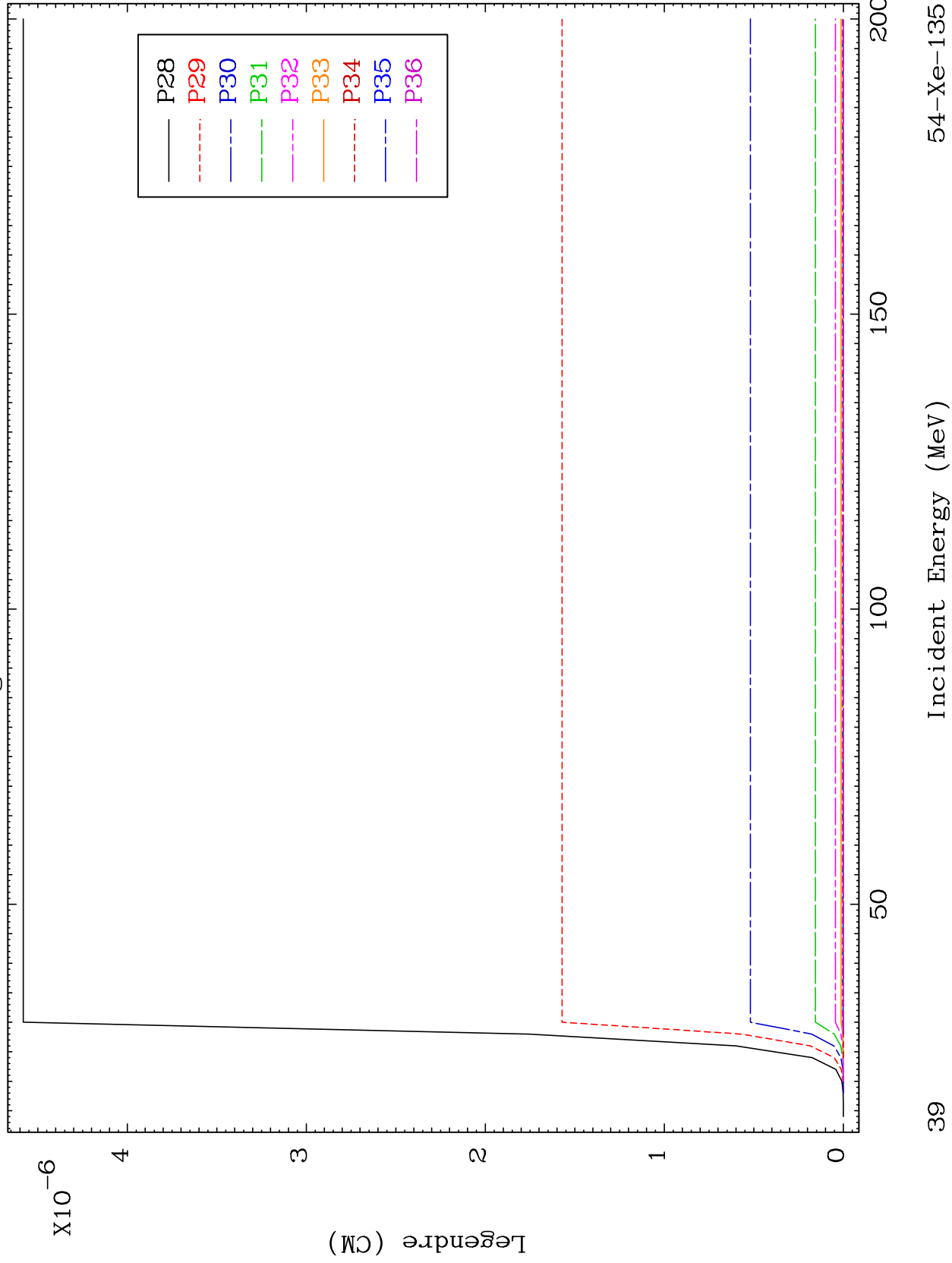
54-Xe-135



MAT 5458

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

54-Xe-135



39

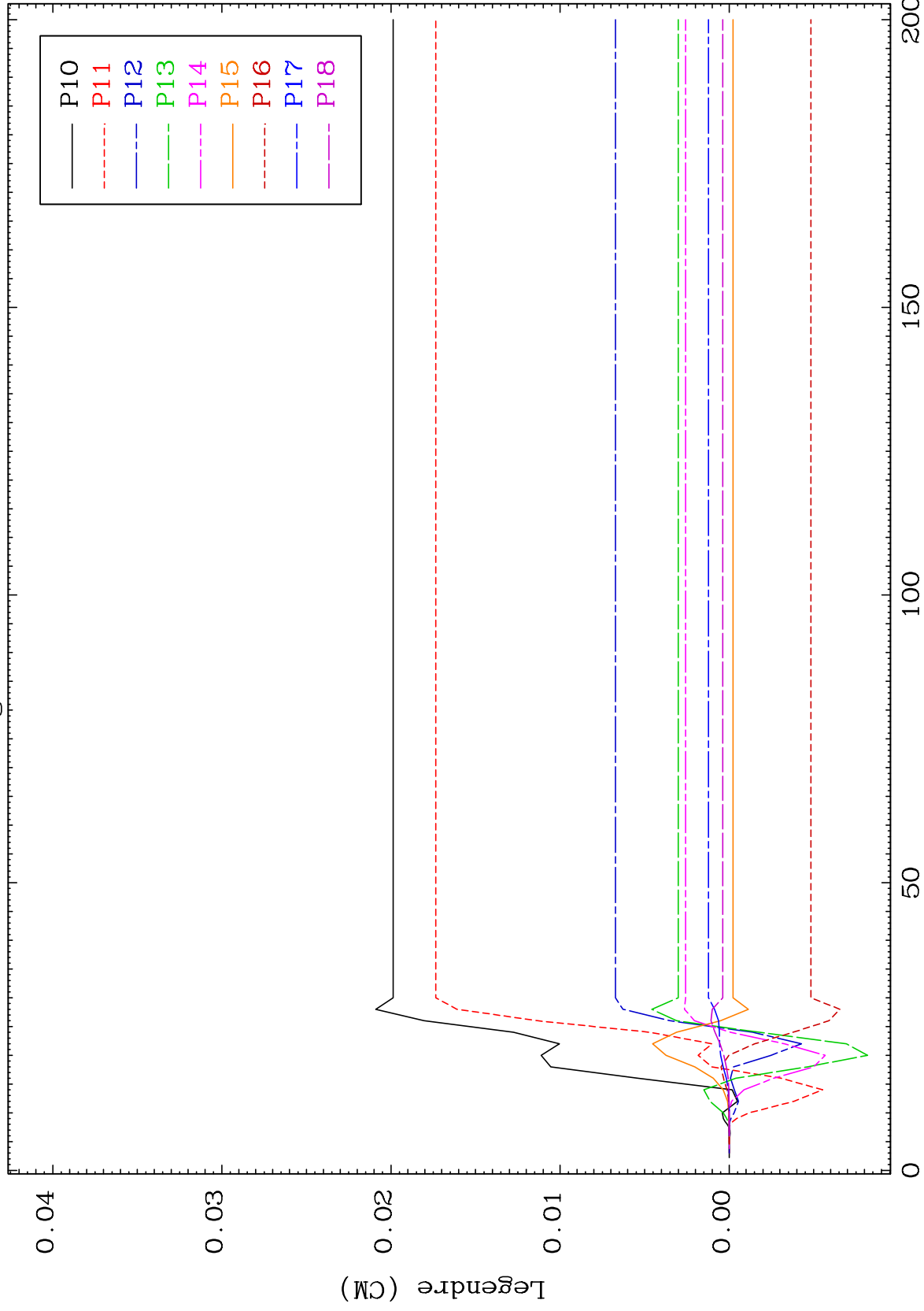
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



41

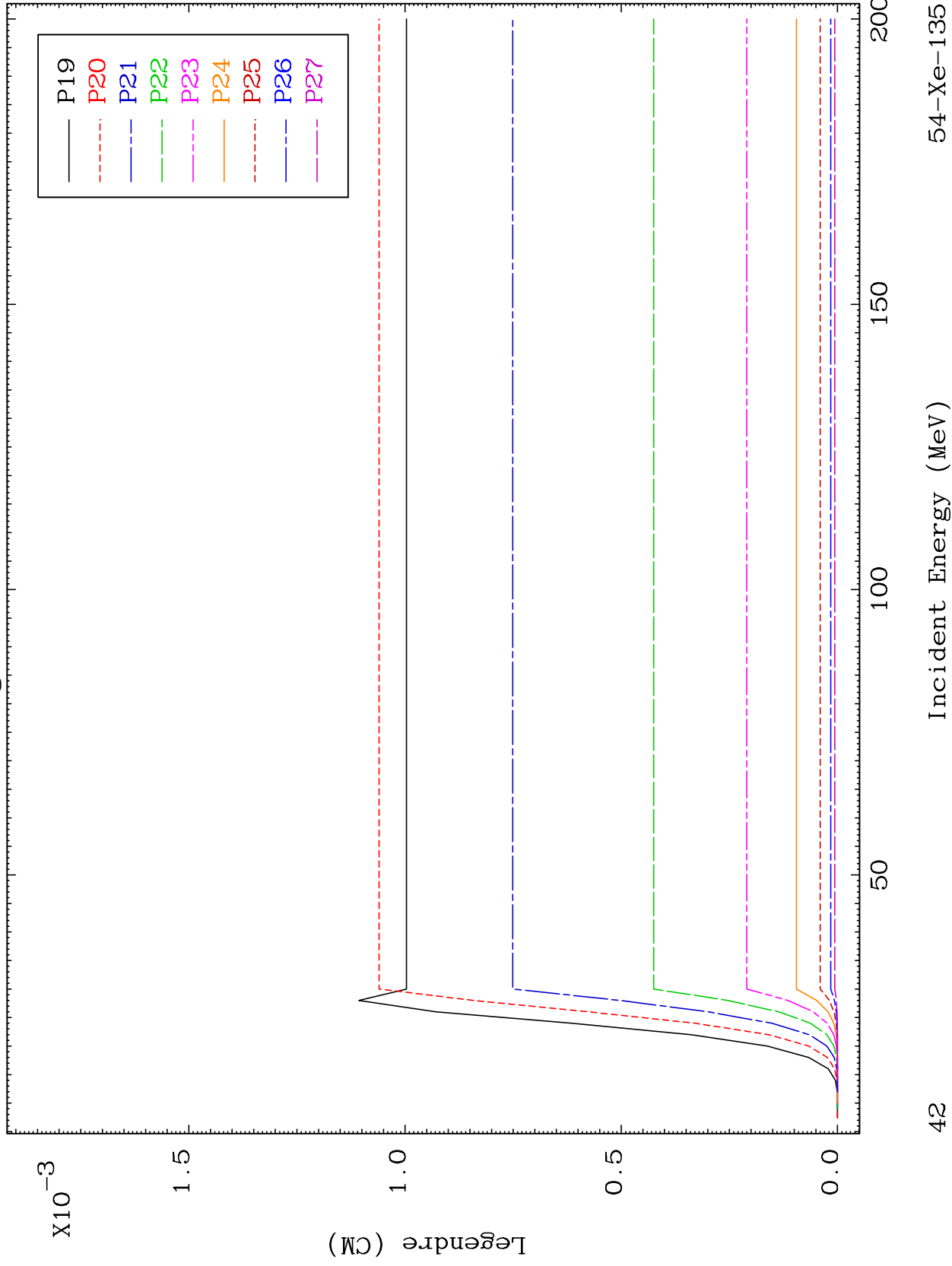
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135

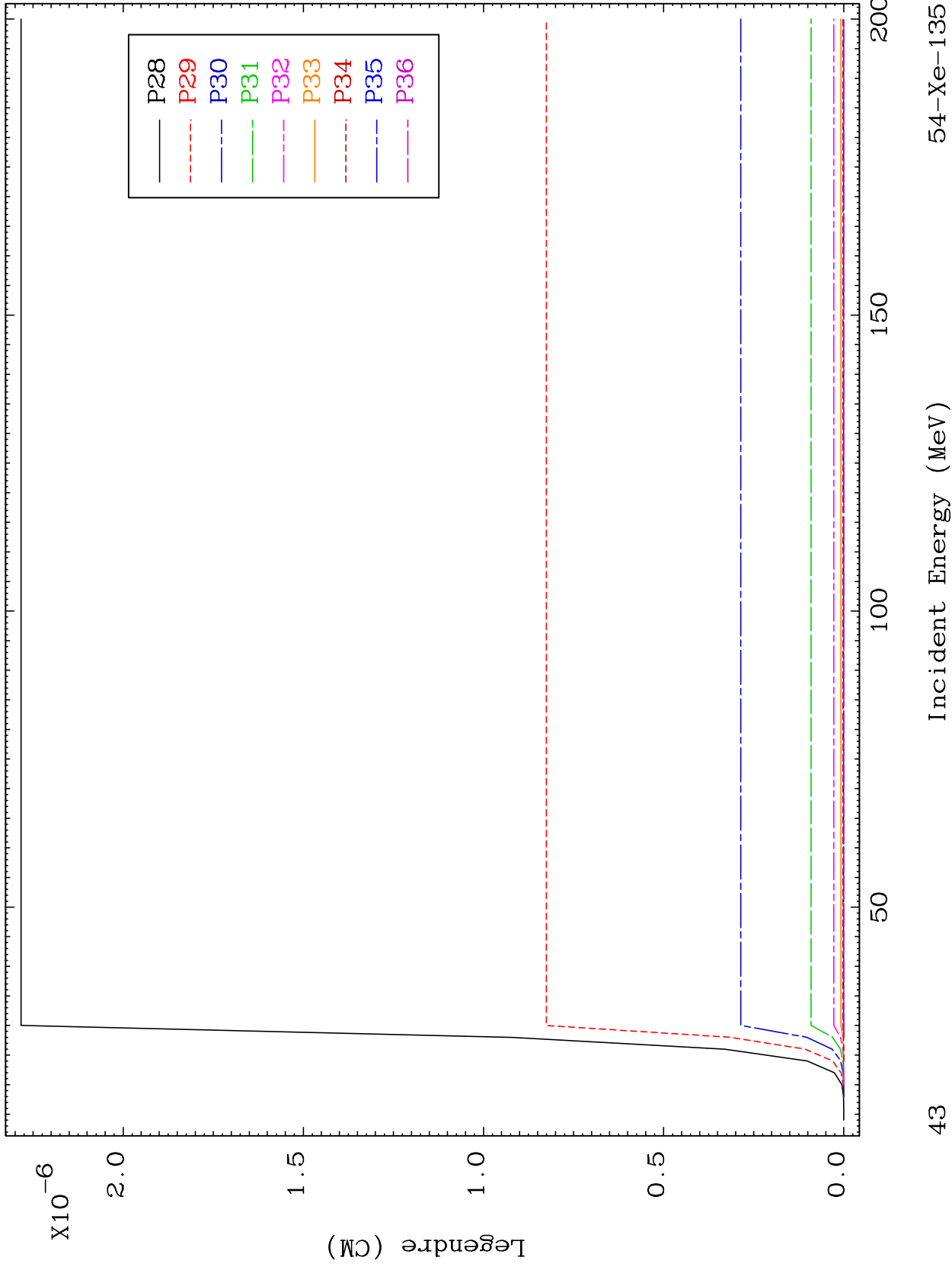


42

MAT 5458

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

54-Xe-135



43

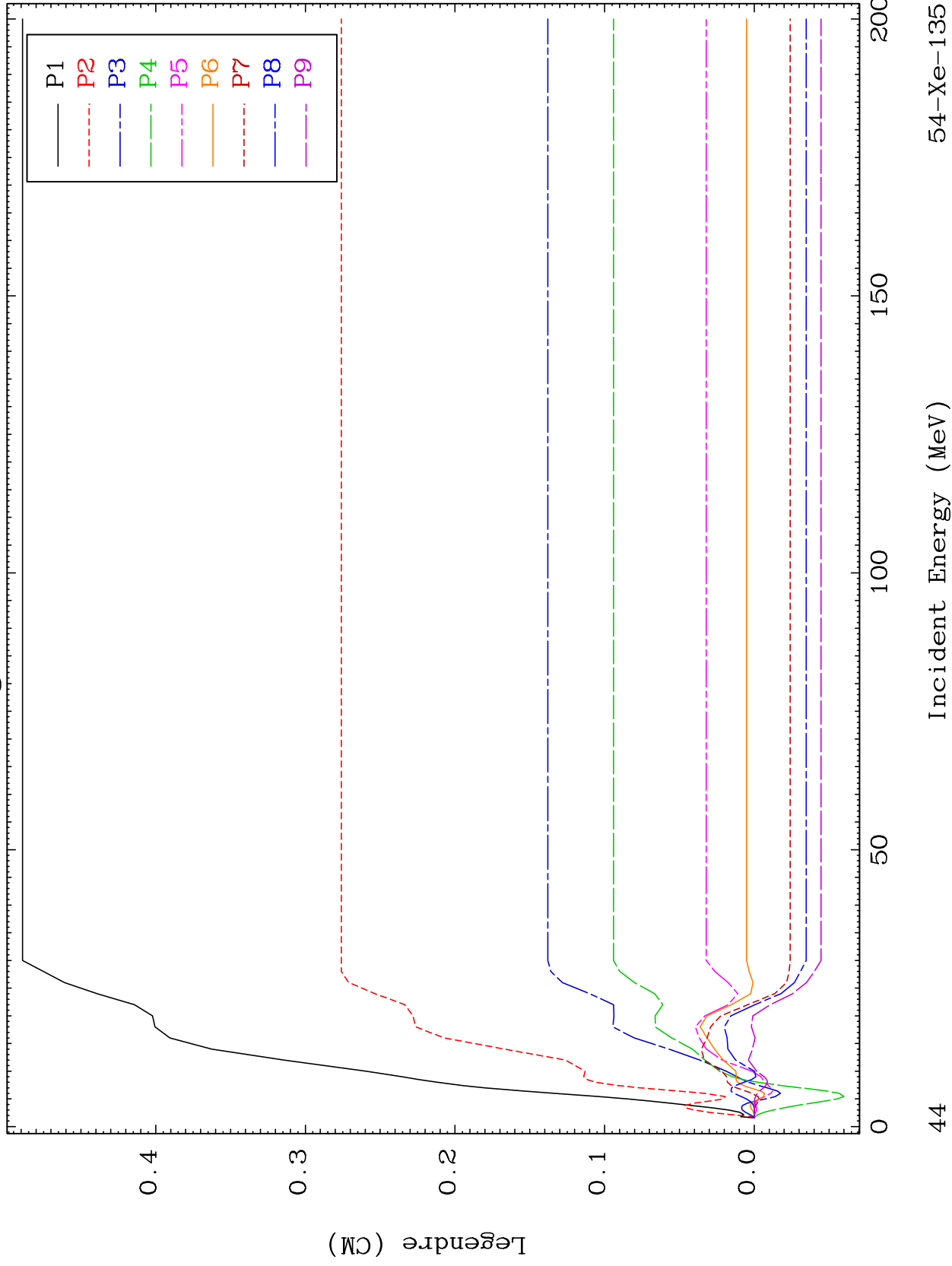
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

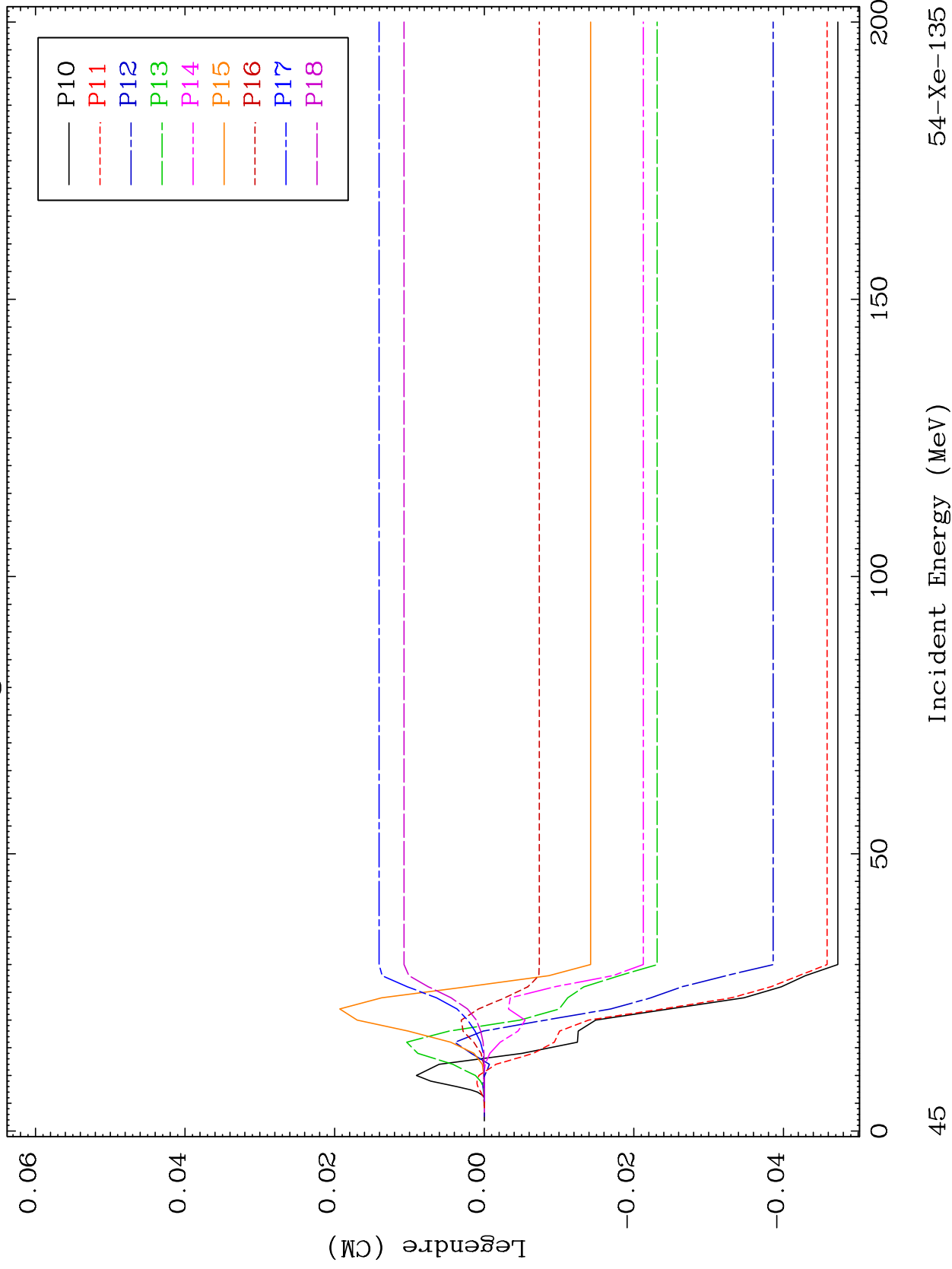
Incident Energy (MeV)

44

MAT 5458

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

54-Xe-135



54-Xe-135

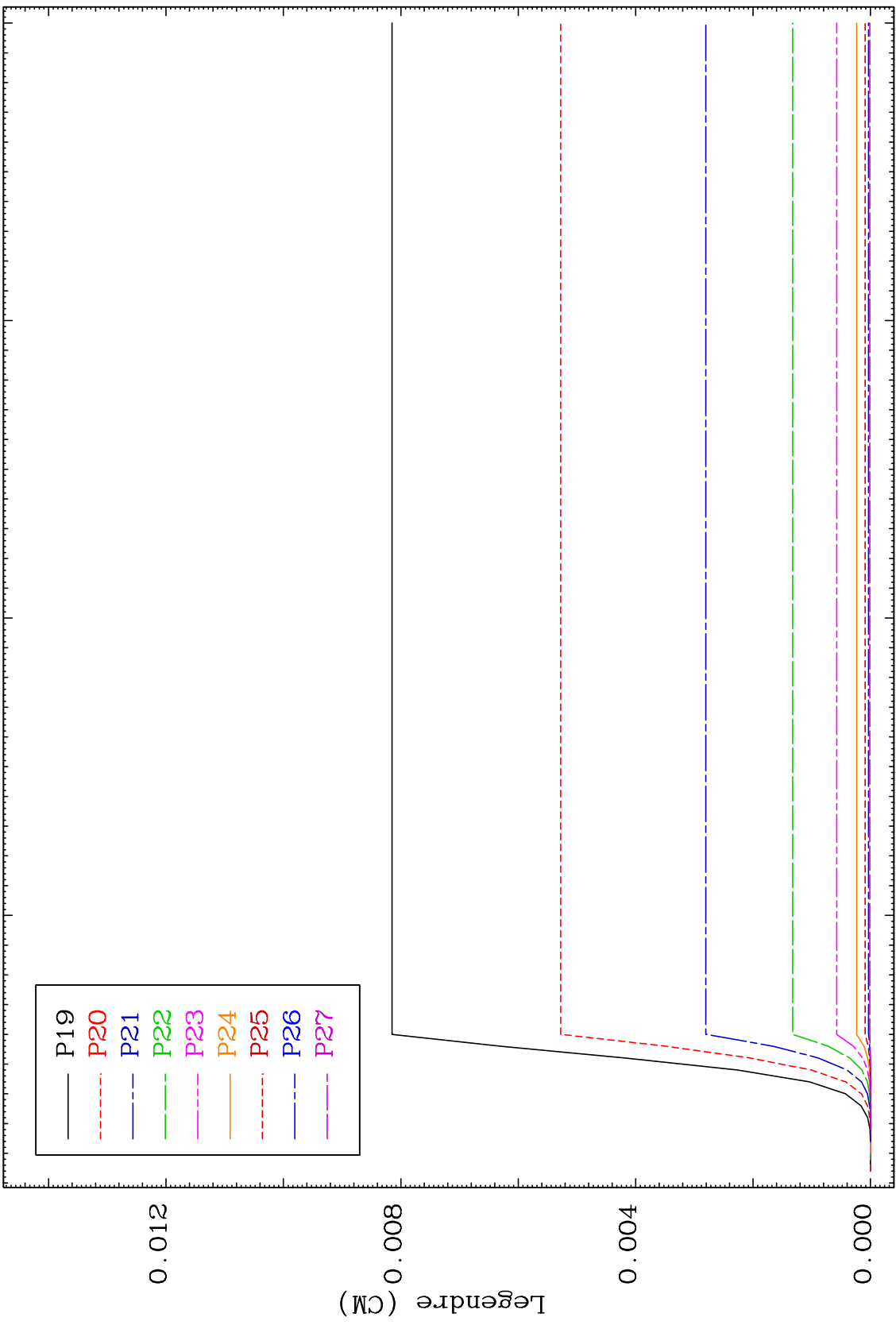
Incident Energy (MeV)

45

MAT 5458

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

54-Xe-135



46

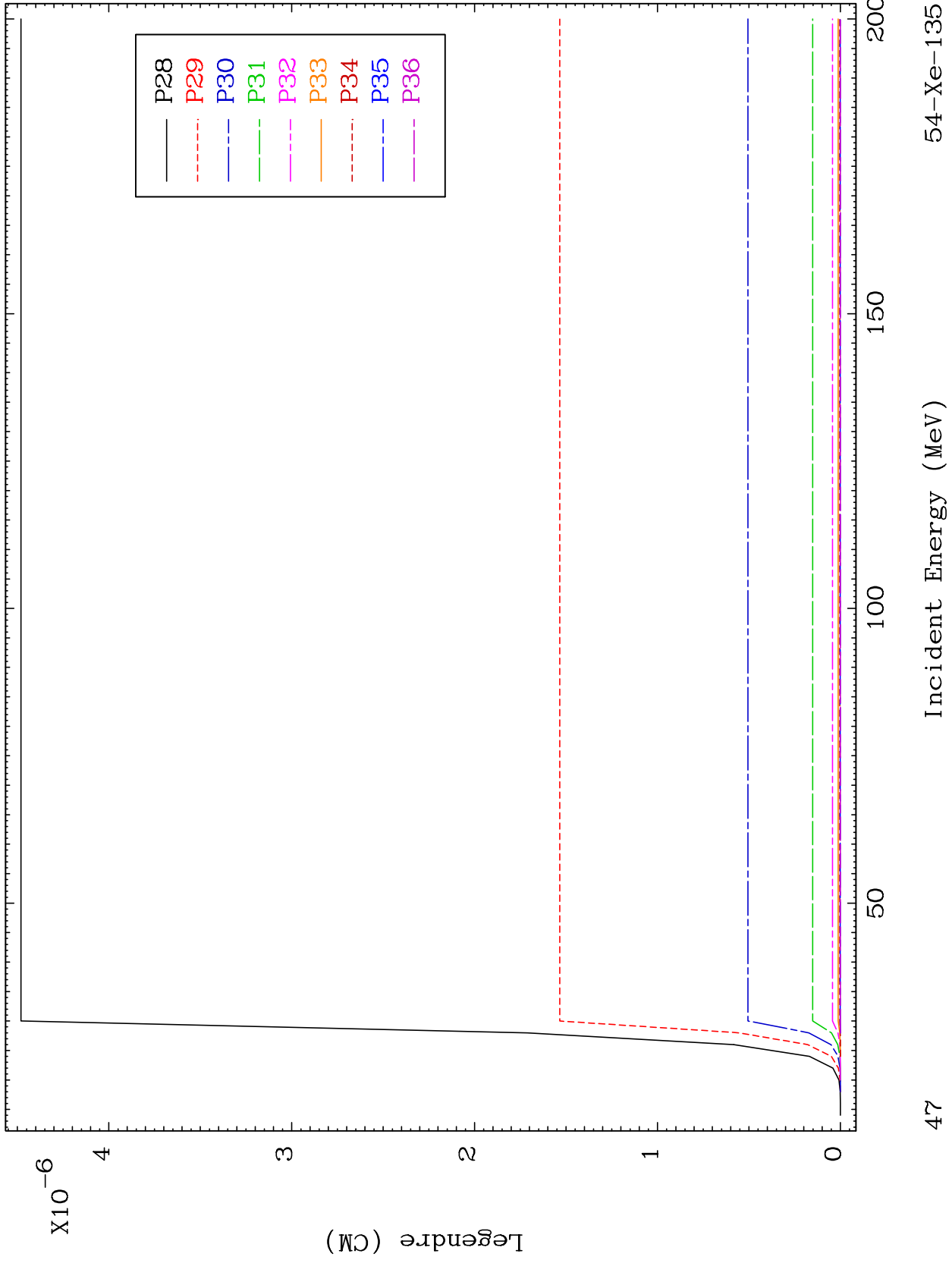
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

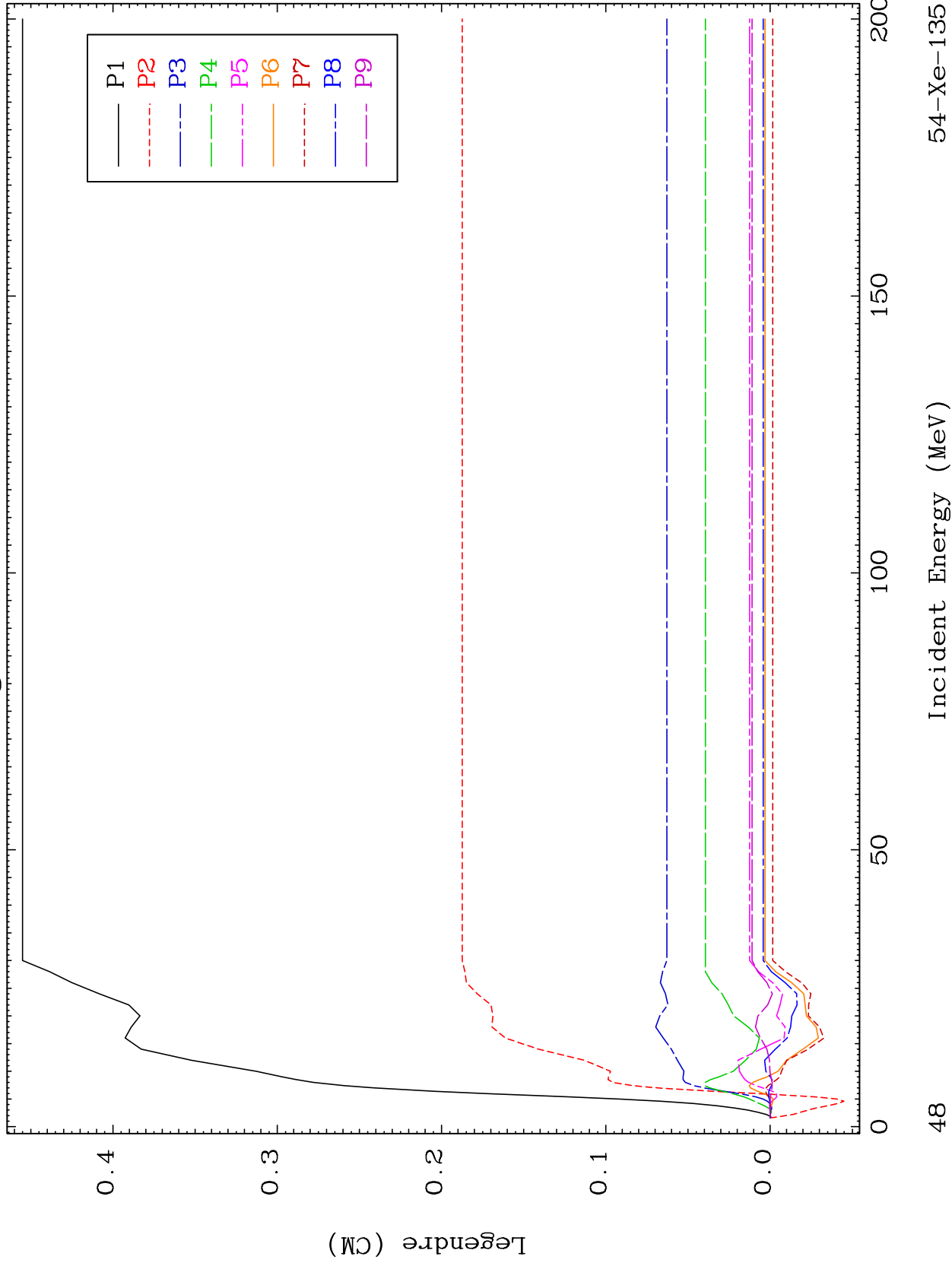
54-Xe-135



MAT 5458

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

54-Xe-135



54-Xe-135

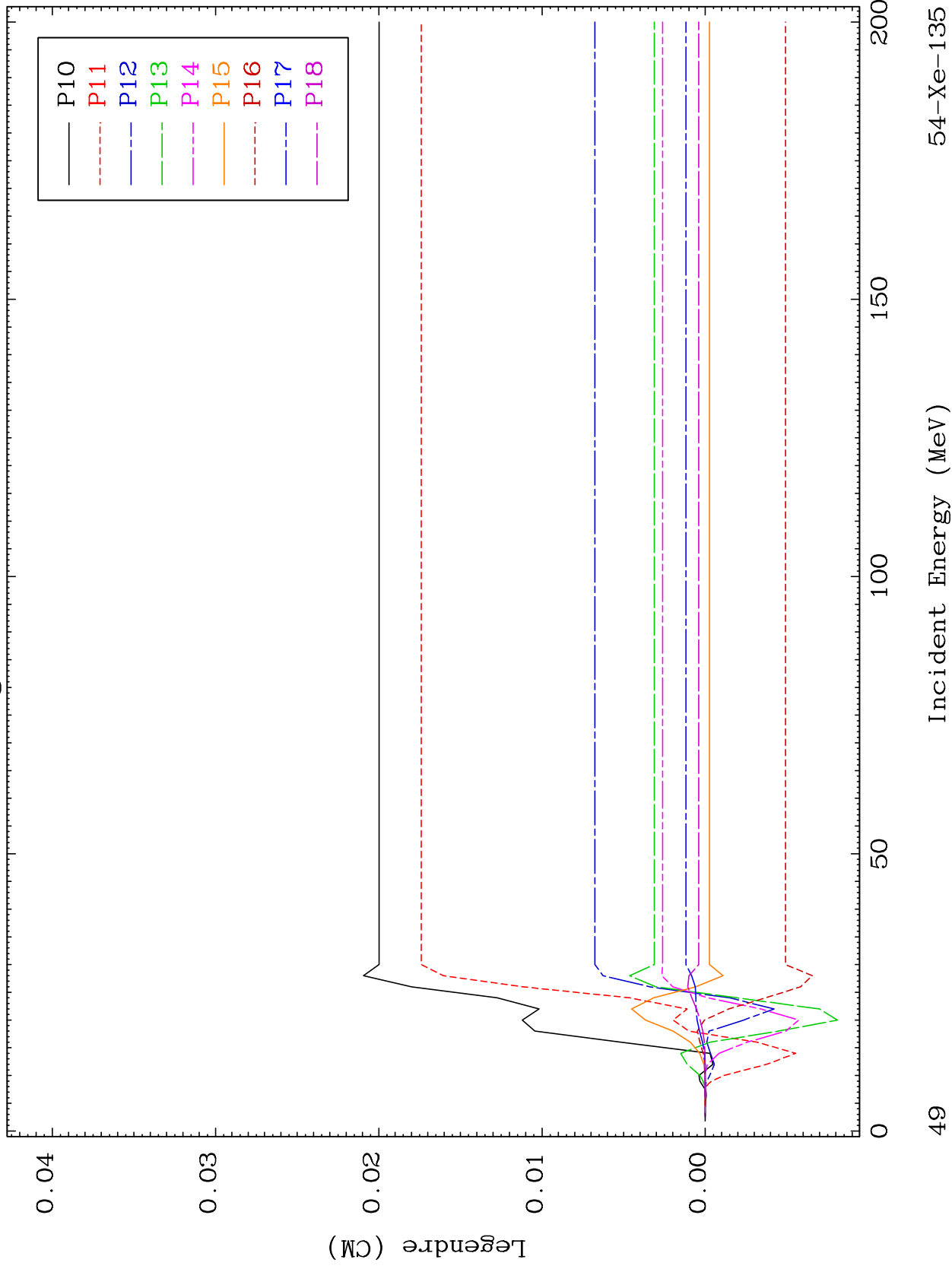
Incident Energy (MeV)

48

MAT 5458

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

54-Xe-135



49

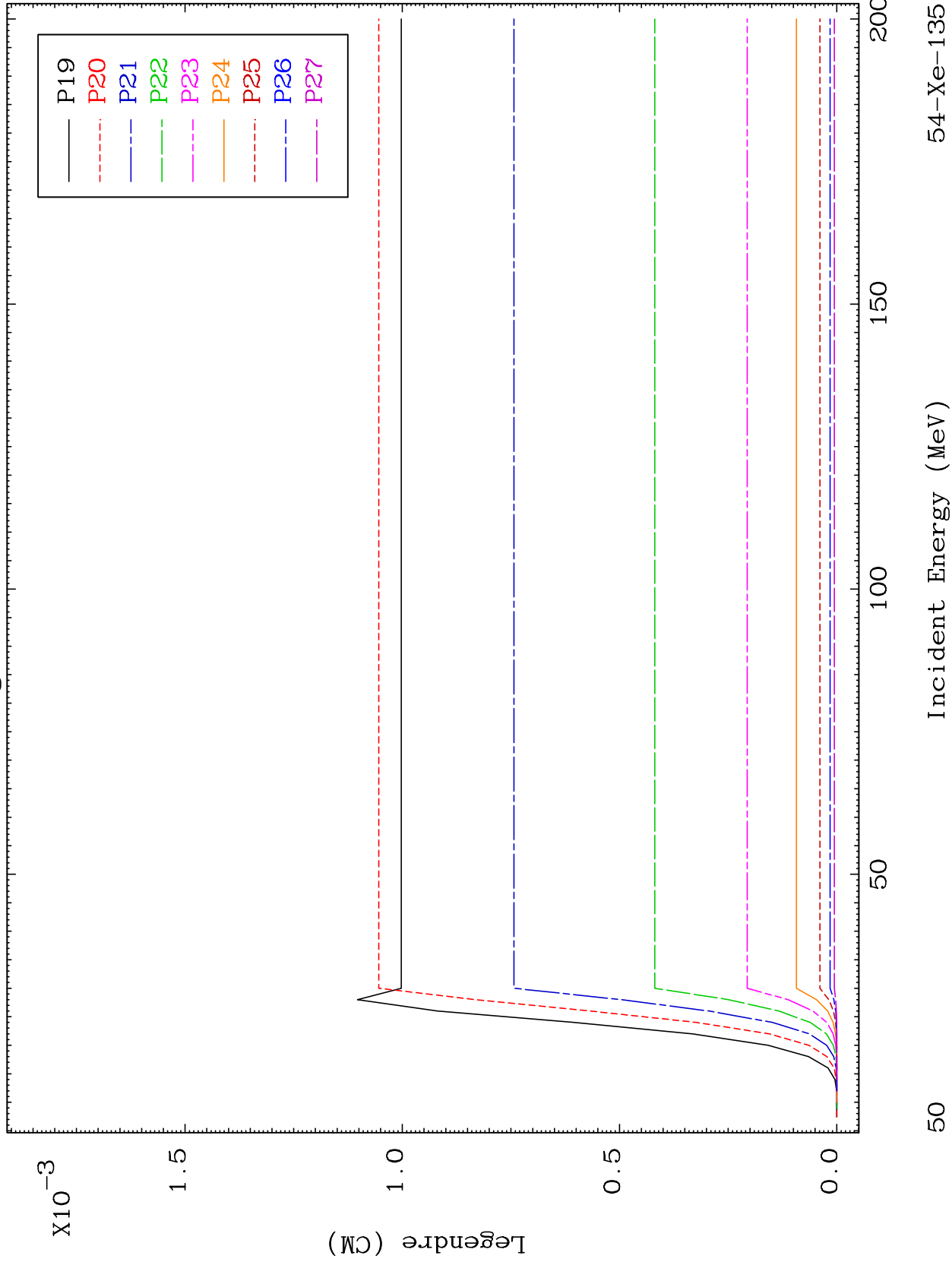
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

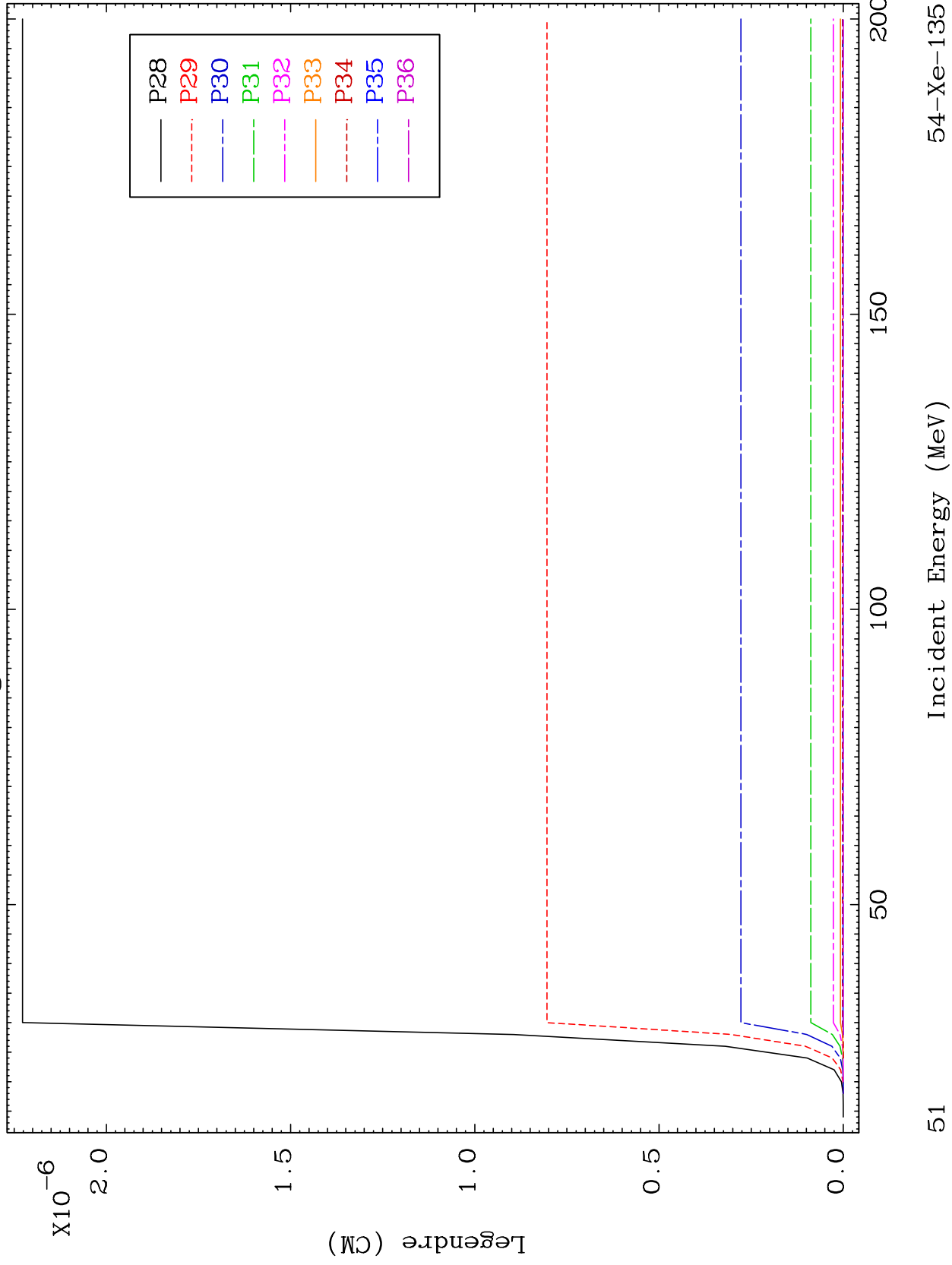
54-Xe-135



MAT 5458

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

54-Xe-135



51

Incident Energy (MeV)

54-Xe-135

200

150

100

50

$\times 10^{-6}$

2.0

1.5

1.0

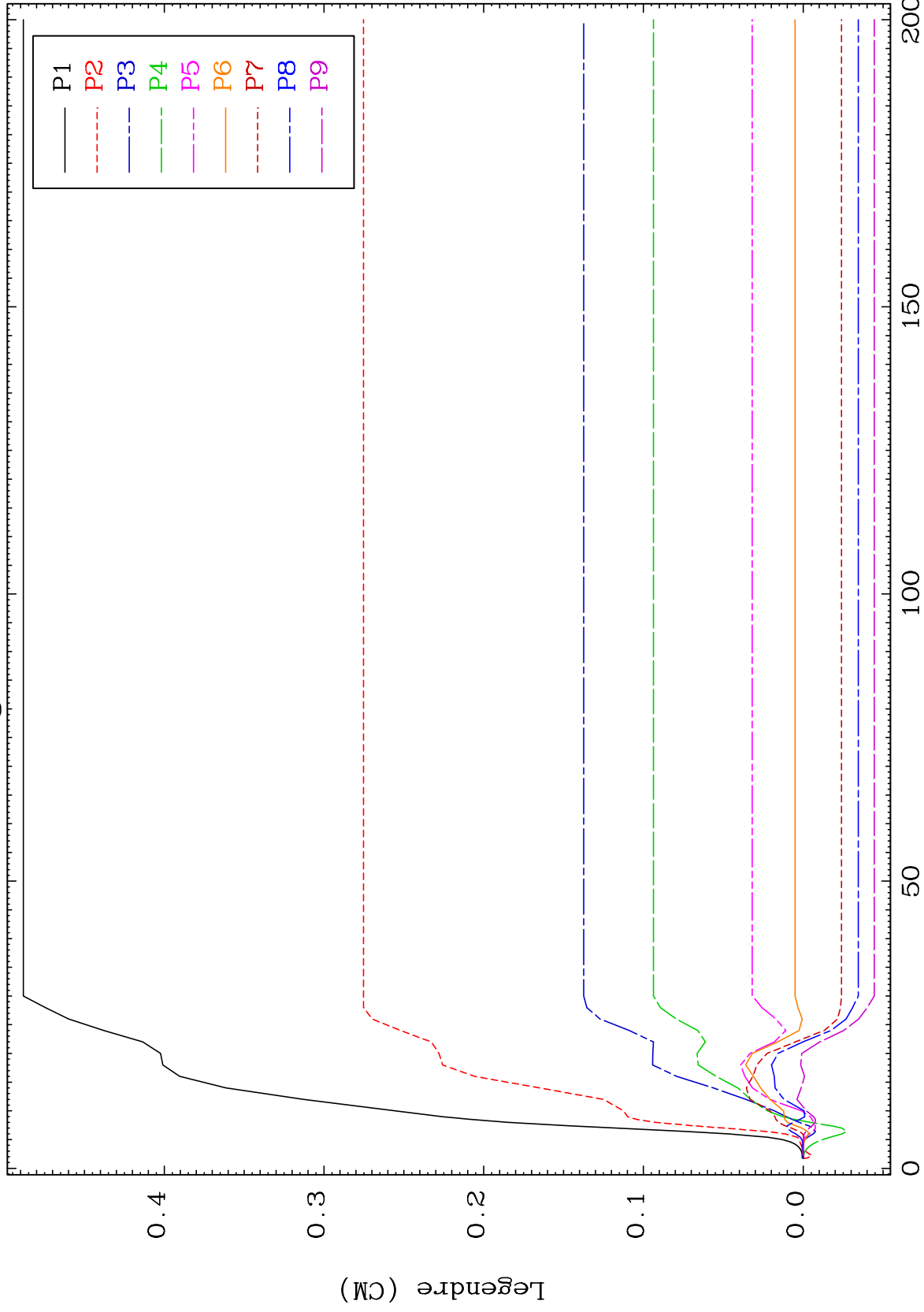
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0.0

MAT 5458

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

54-Xe-135



54-Xe-135

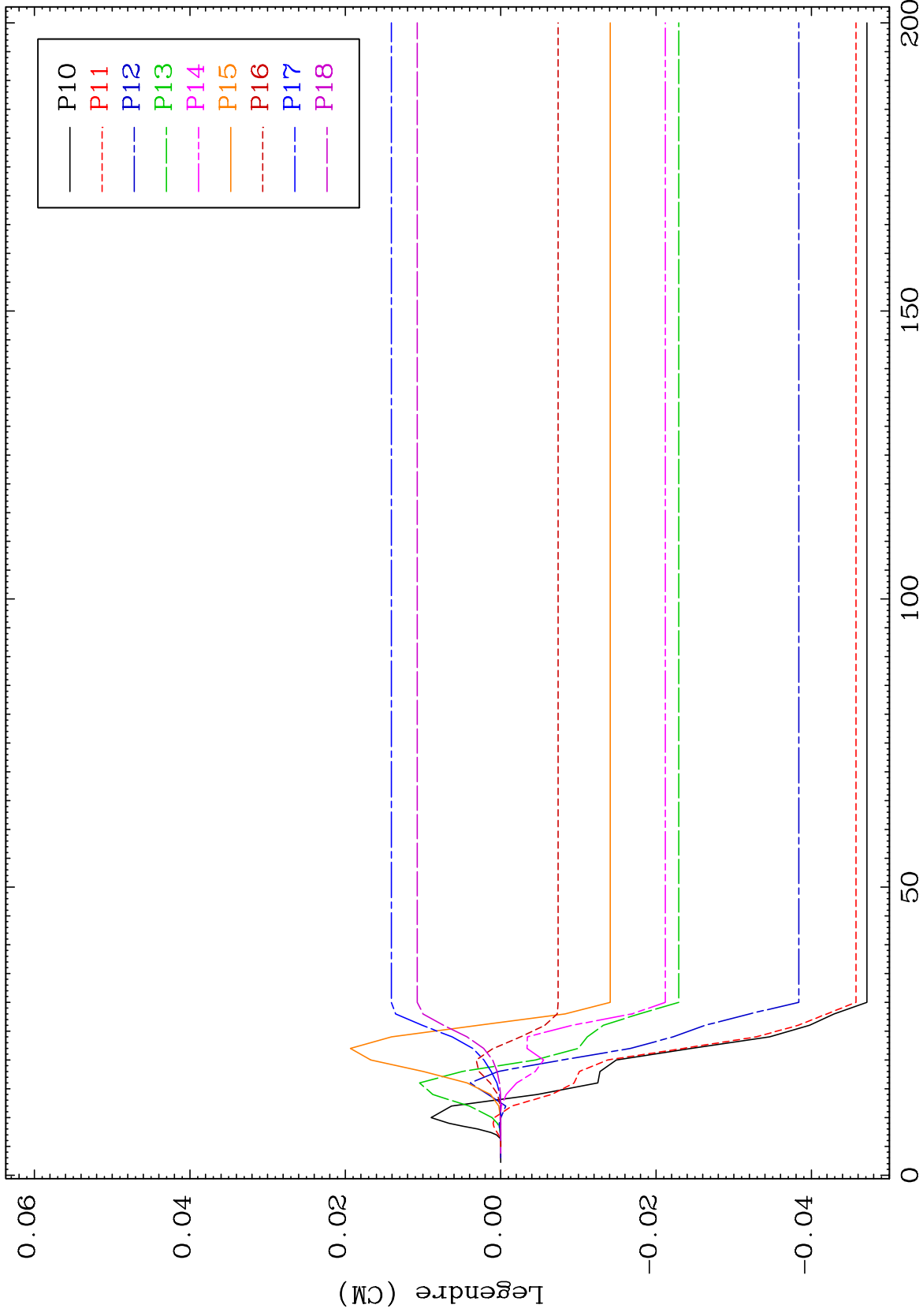
Incident Energy (MeV)

52

MAT 5458

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

54-Xe-135



53

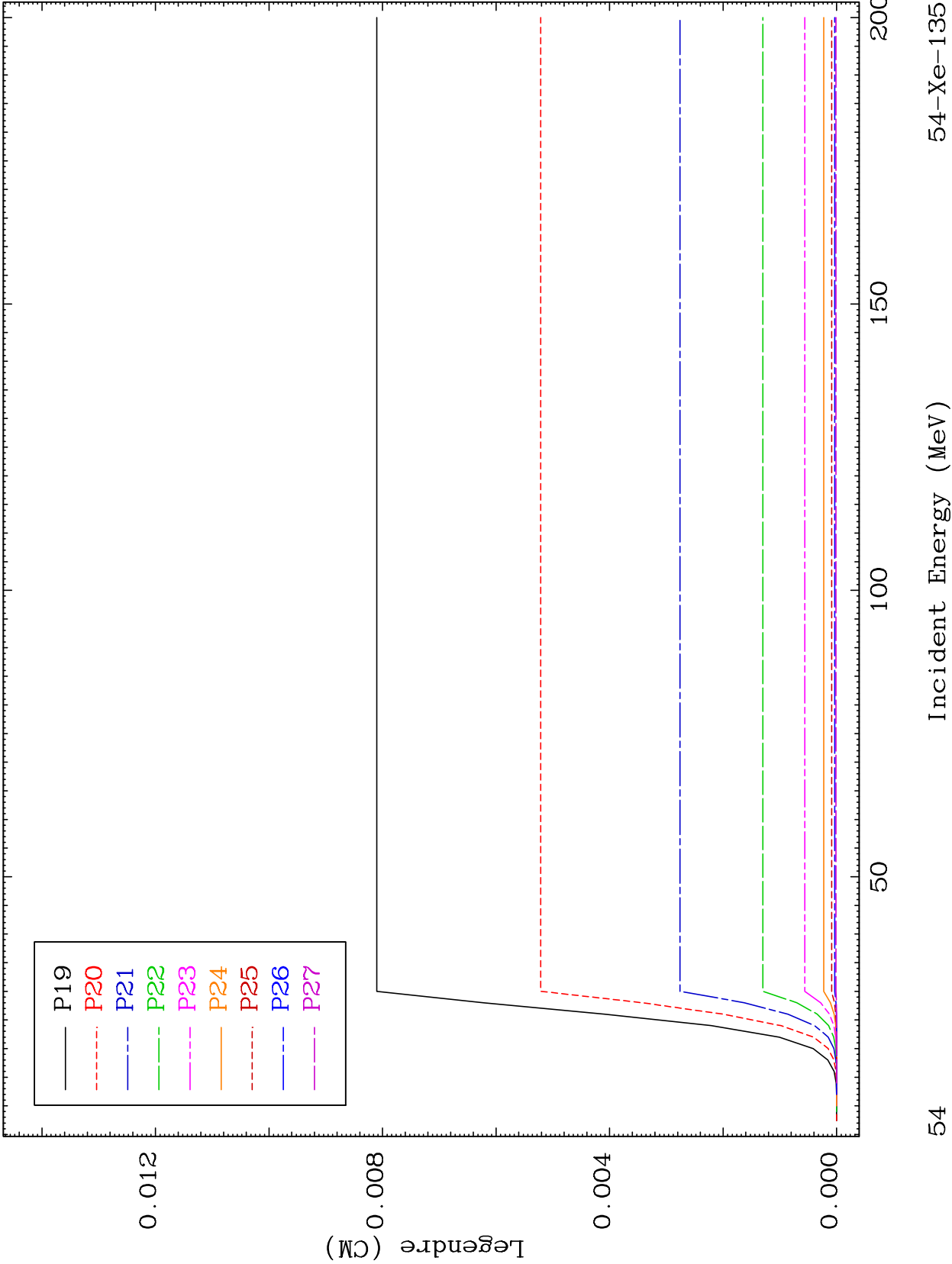
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54

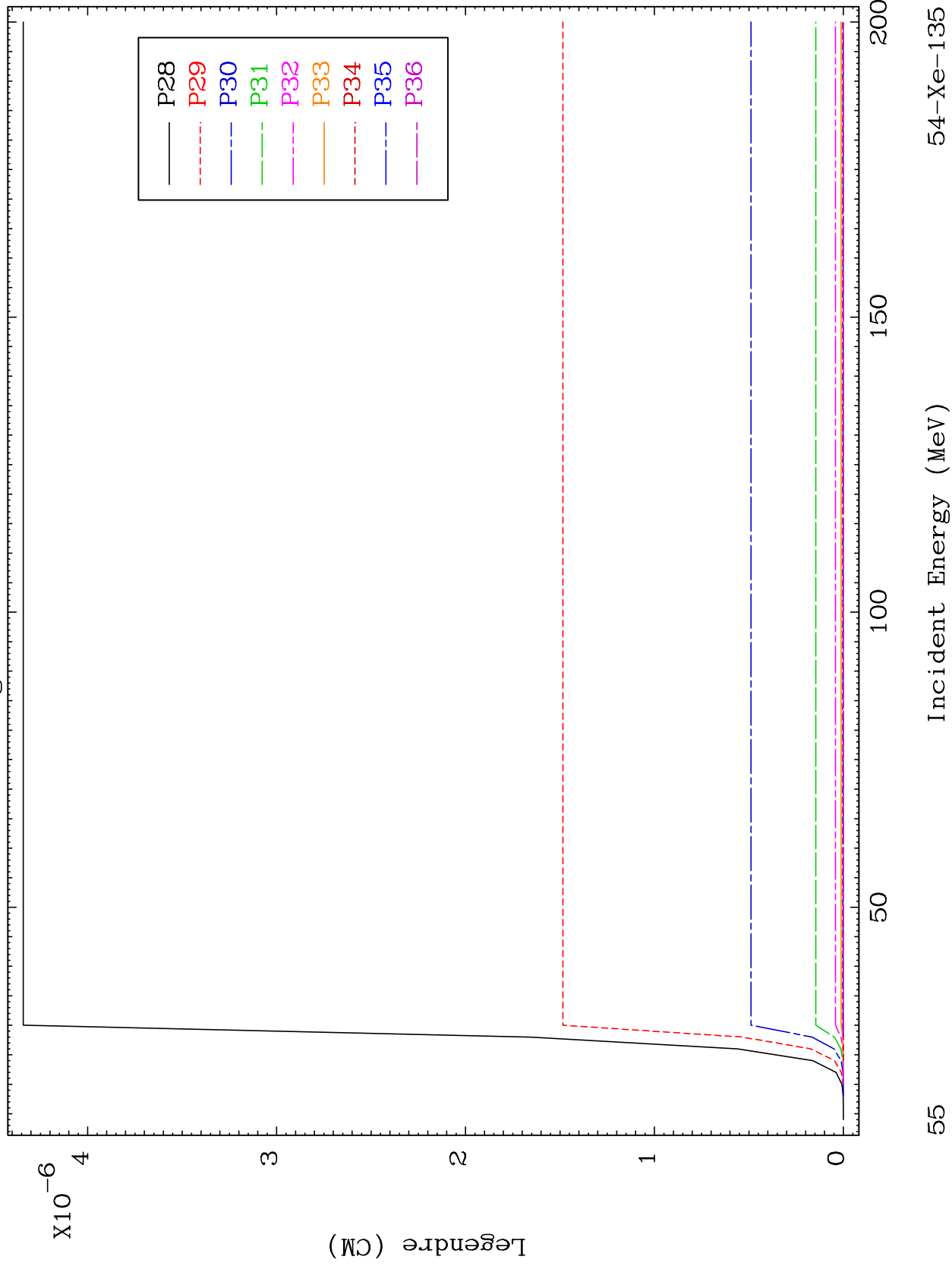
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



55

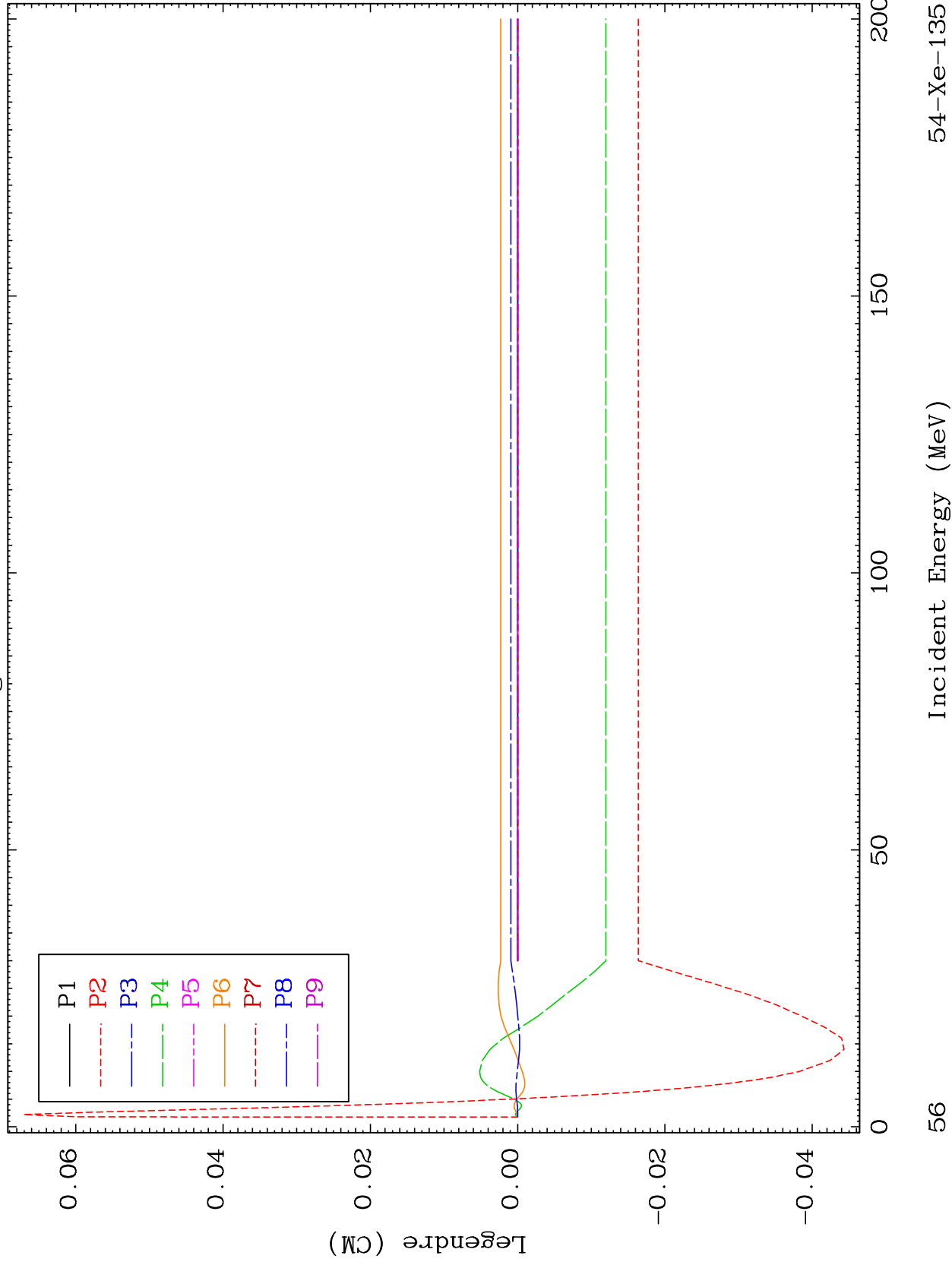
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

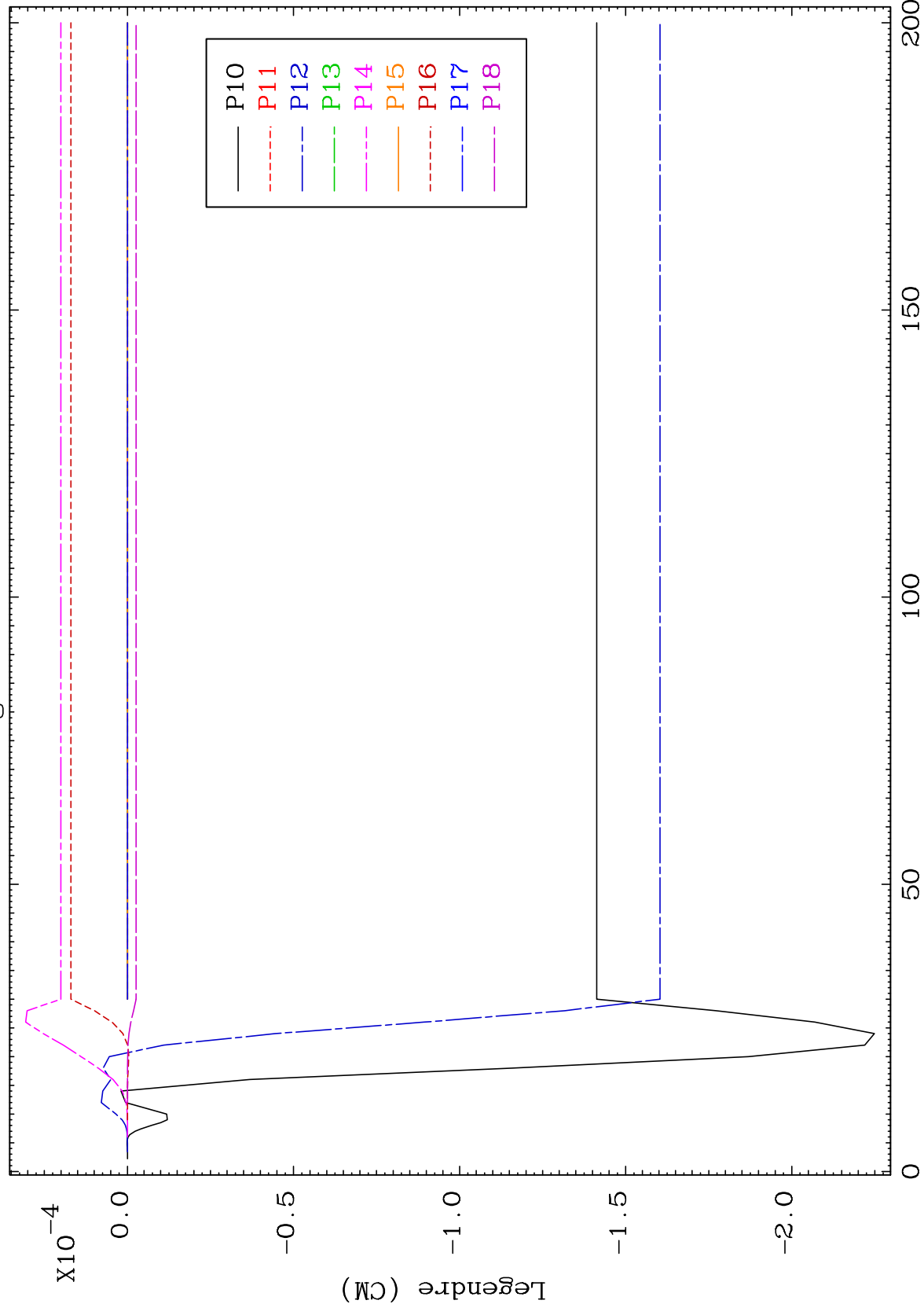
Incident Energy (MeV)

56

MAT 5458

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

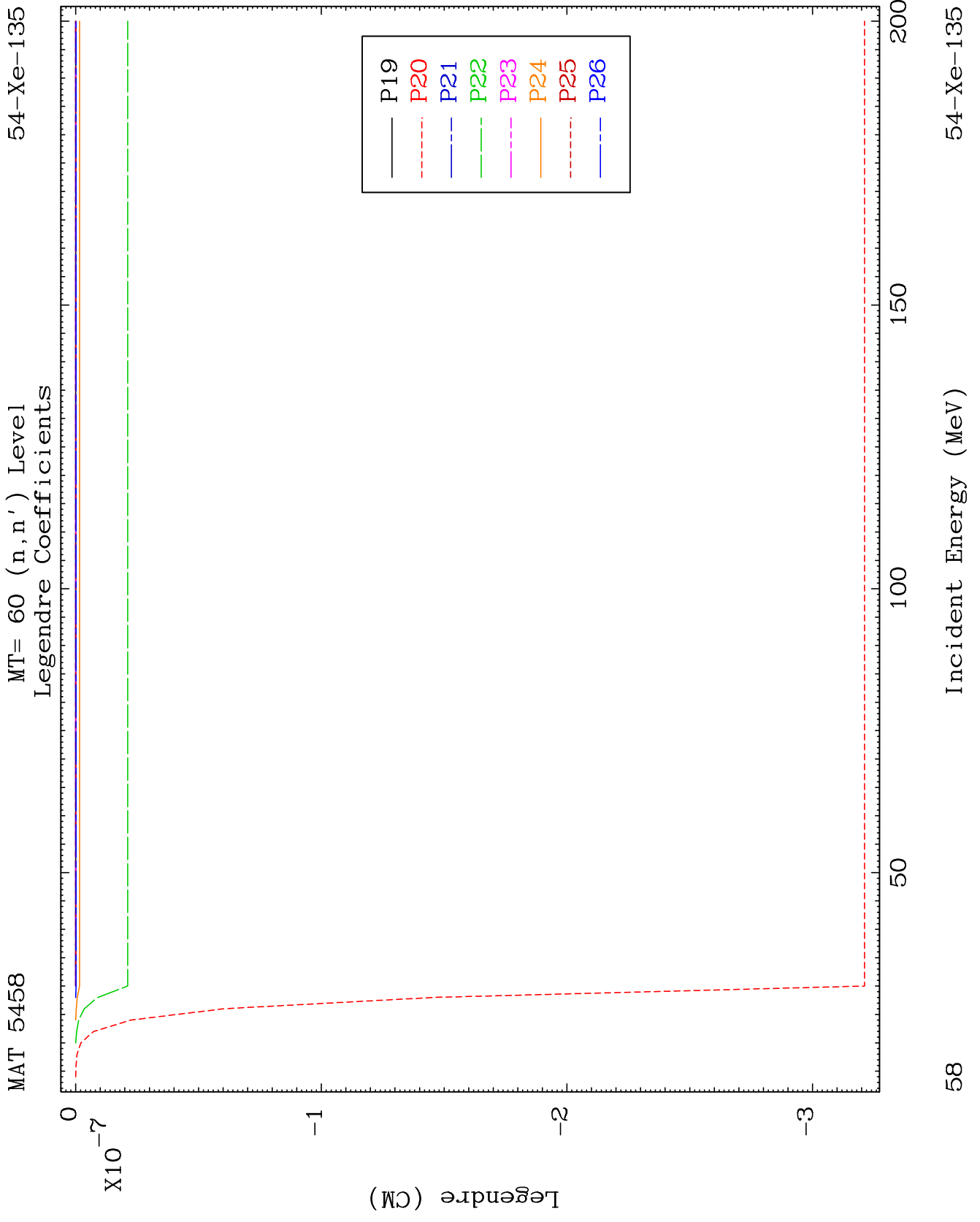
54-Xe-135



57

Incident Energy (MeV)

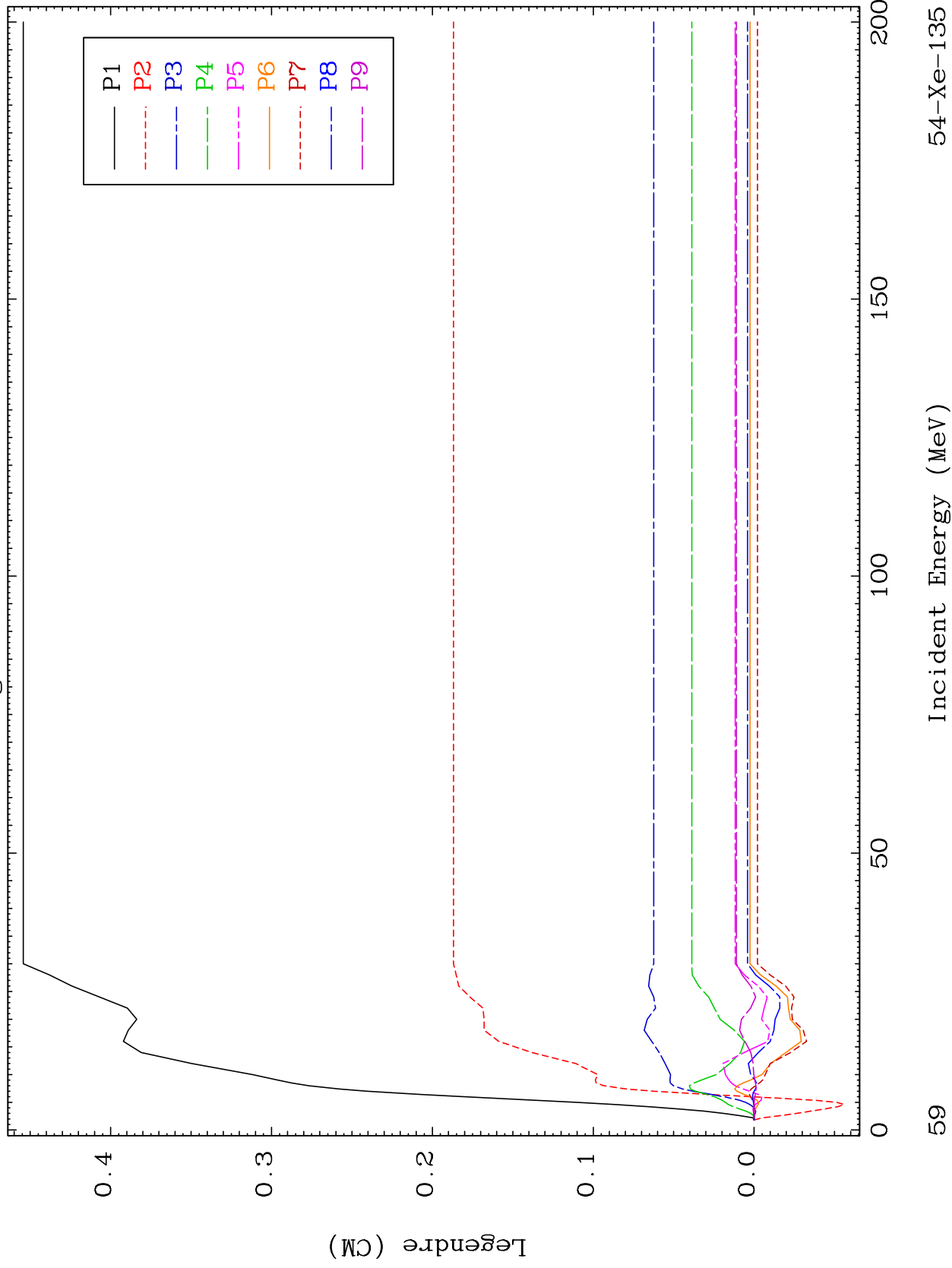
54-Xe-135



MAT 5458

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

54-Xe-135



54-Xe-135

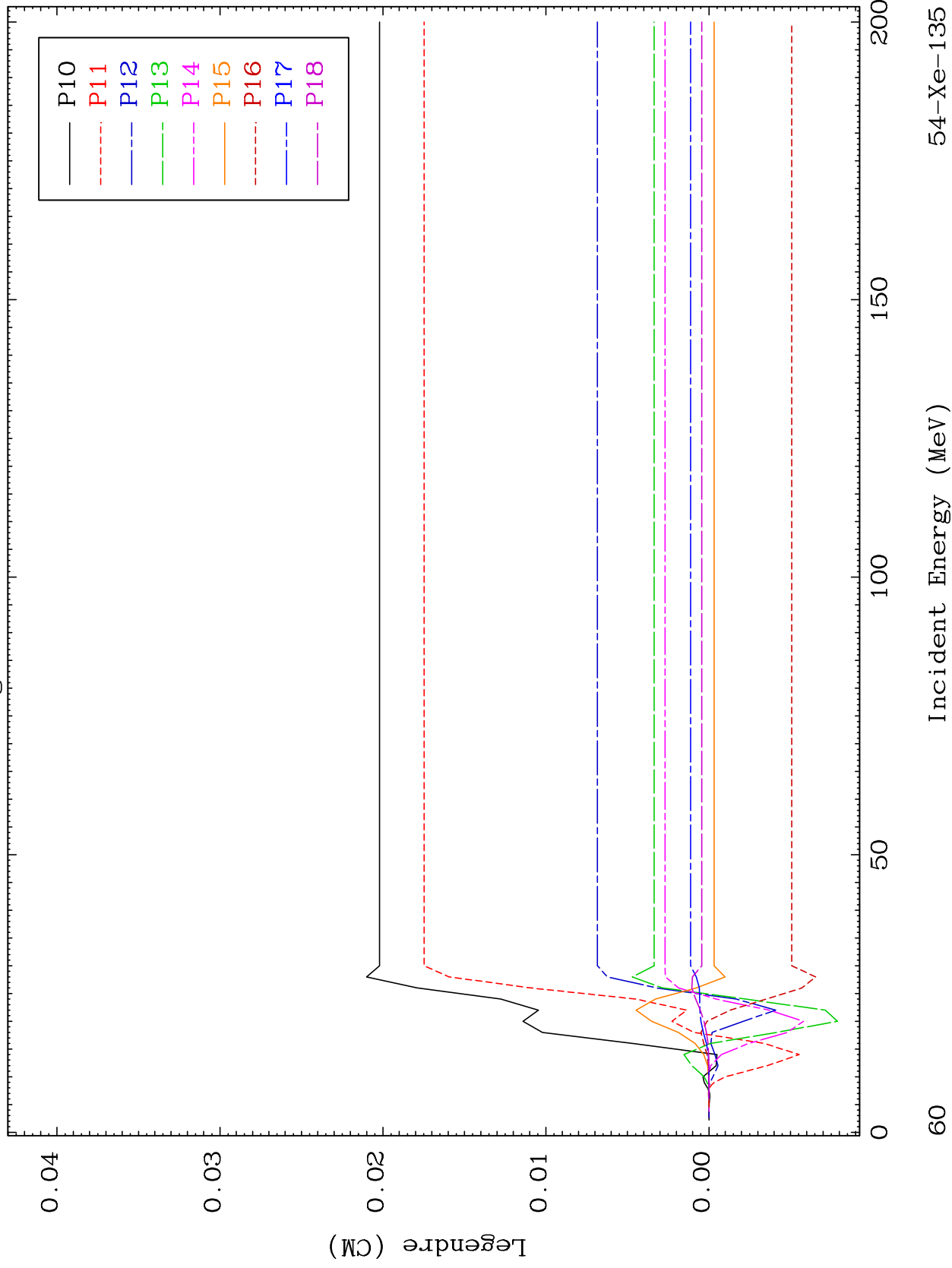
Incident Energy (MeV)

59

MAT 5458

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

54-Xe-135

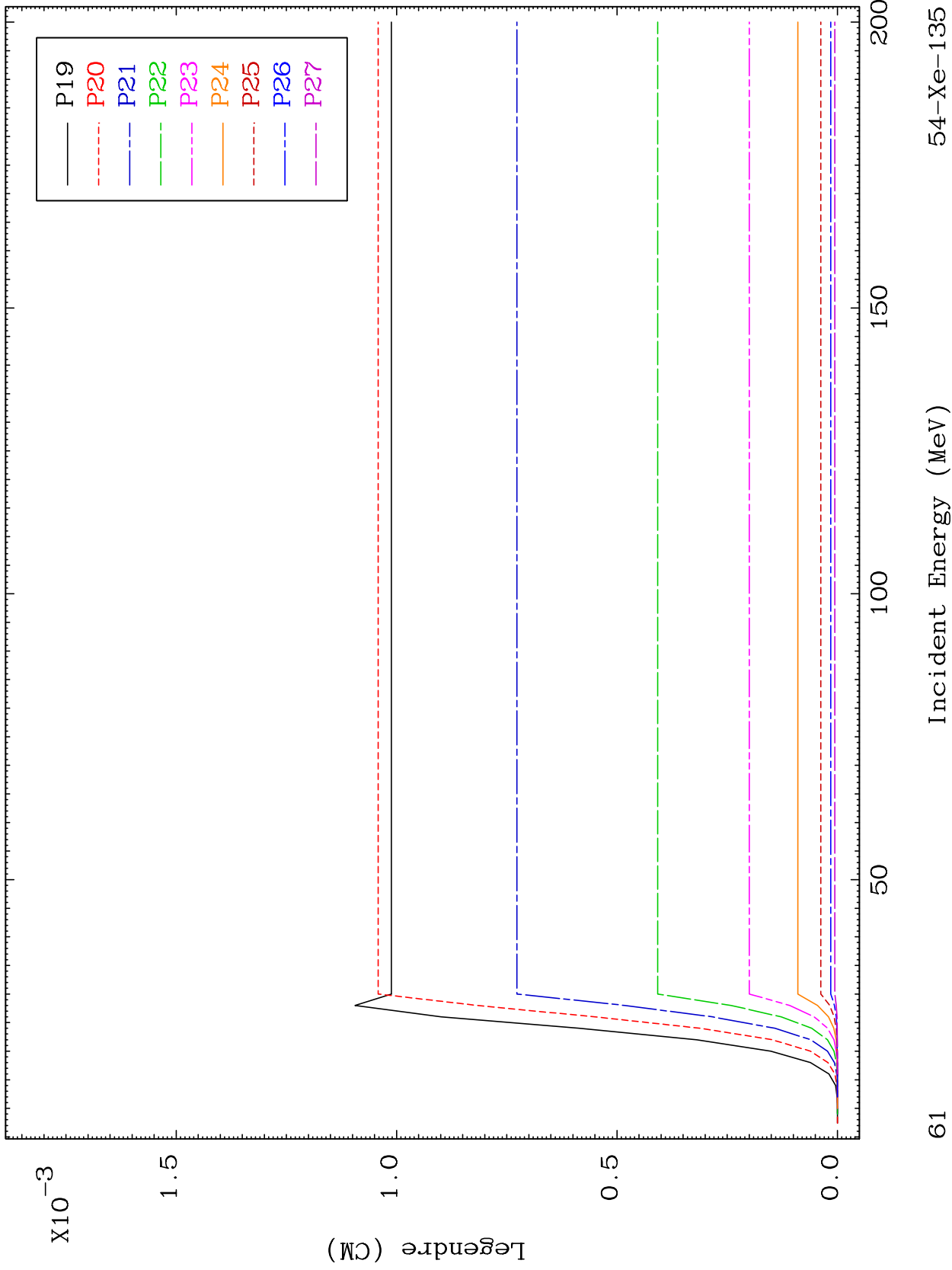


54-Xe-135

MAT 5458

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

54-Xe-135



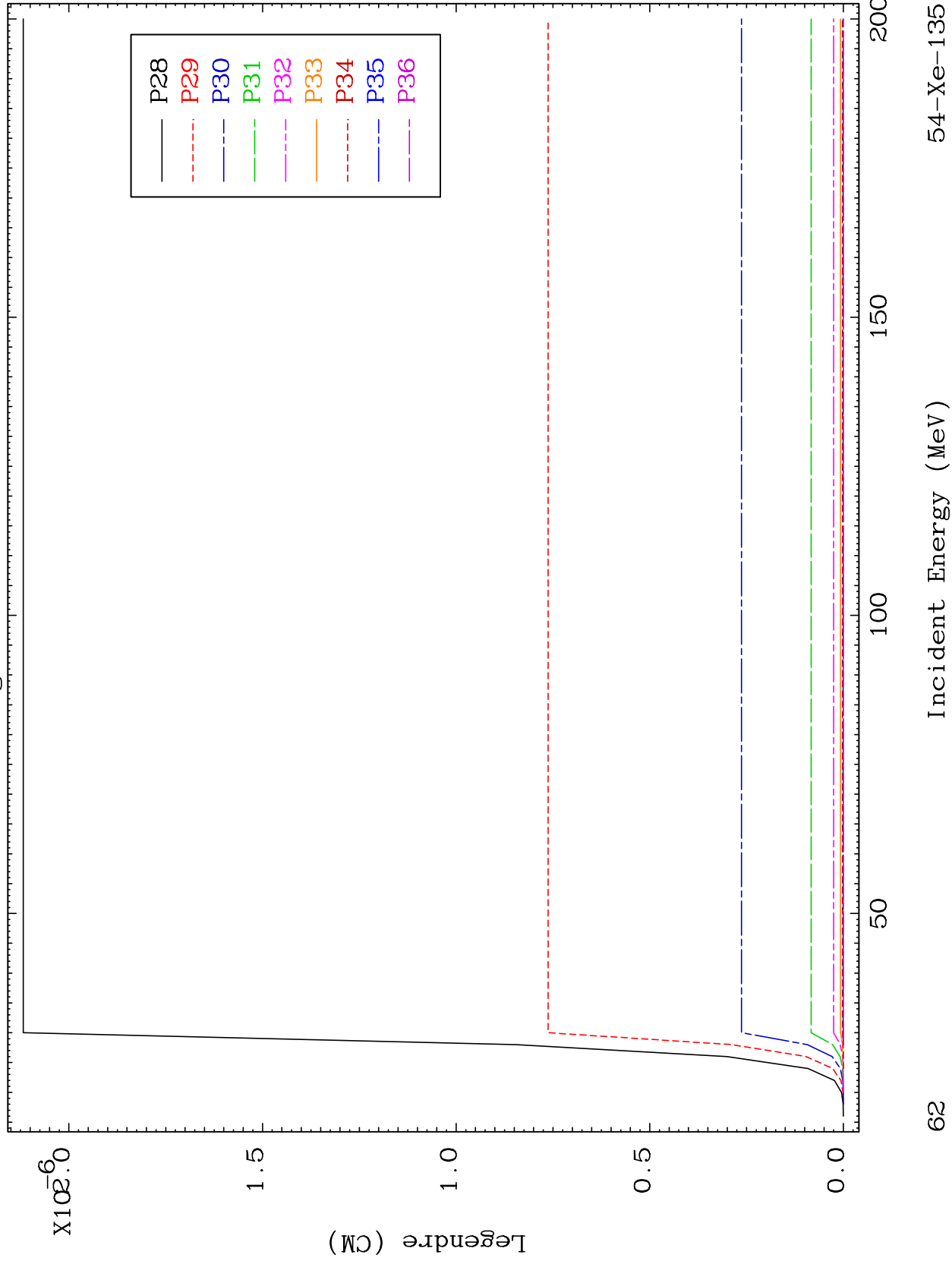
61

54-Xe-135

MAT 5458

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

54-Xe-135



62

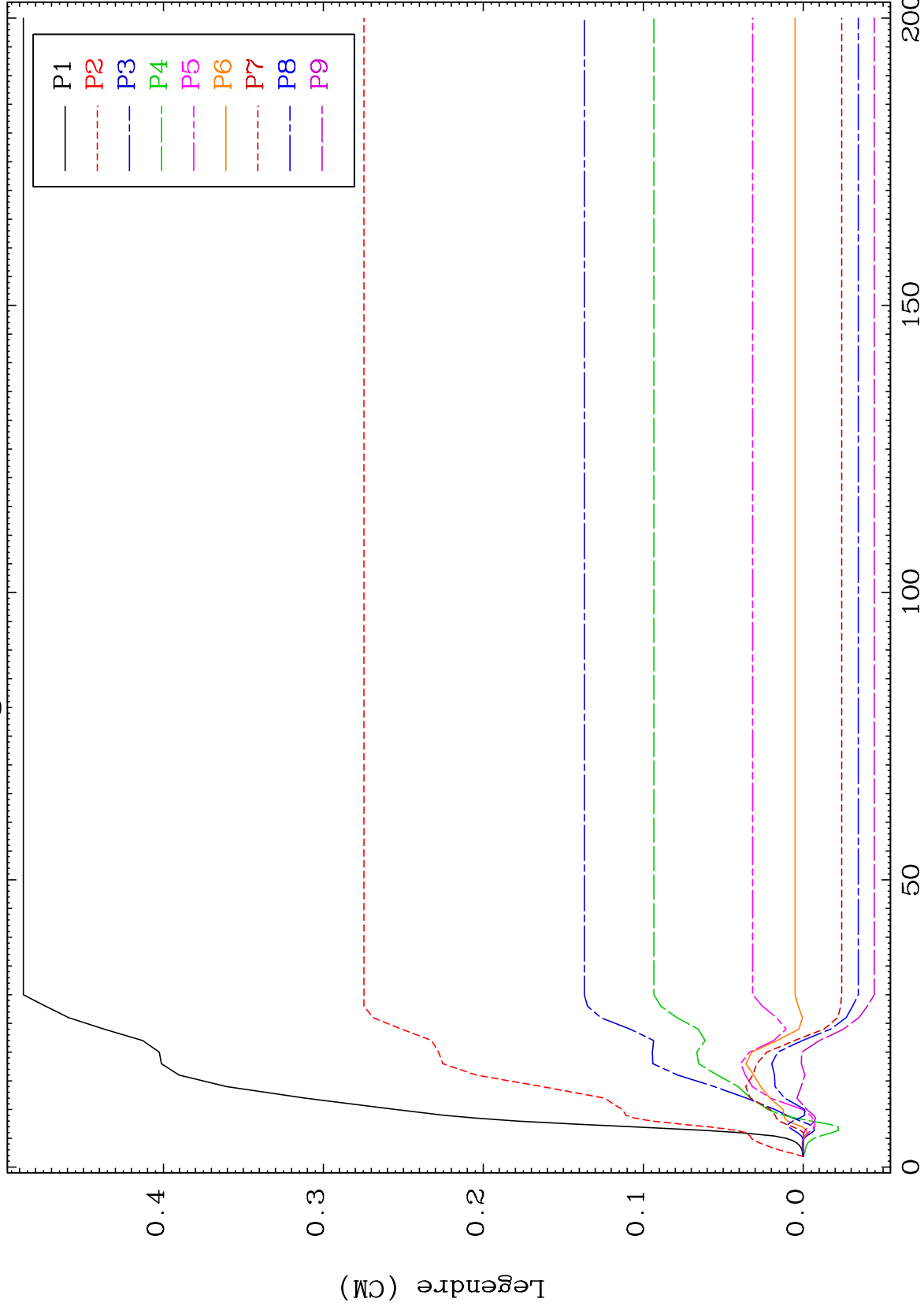
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



63

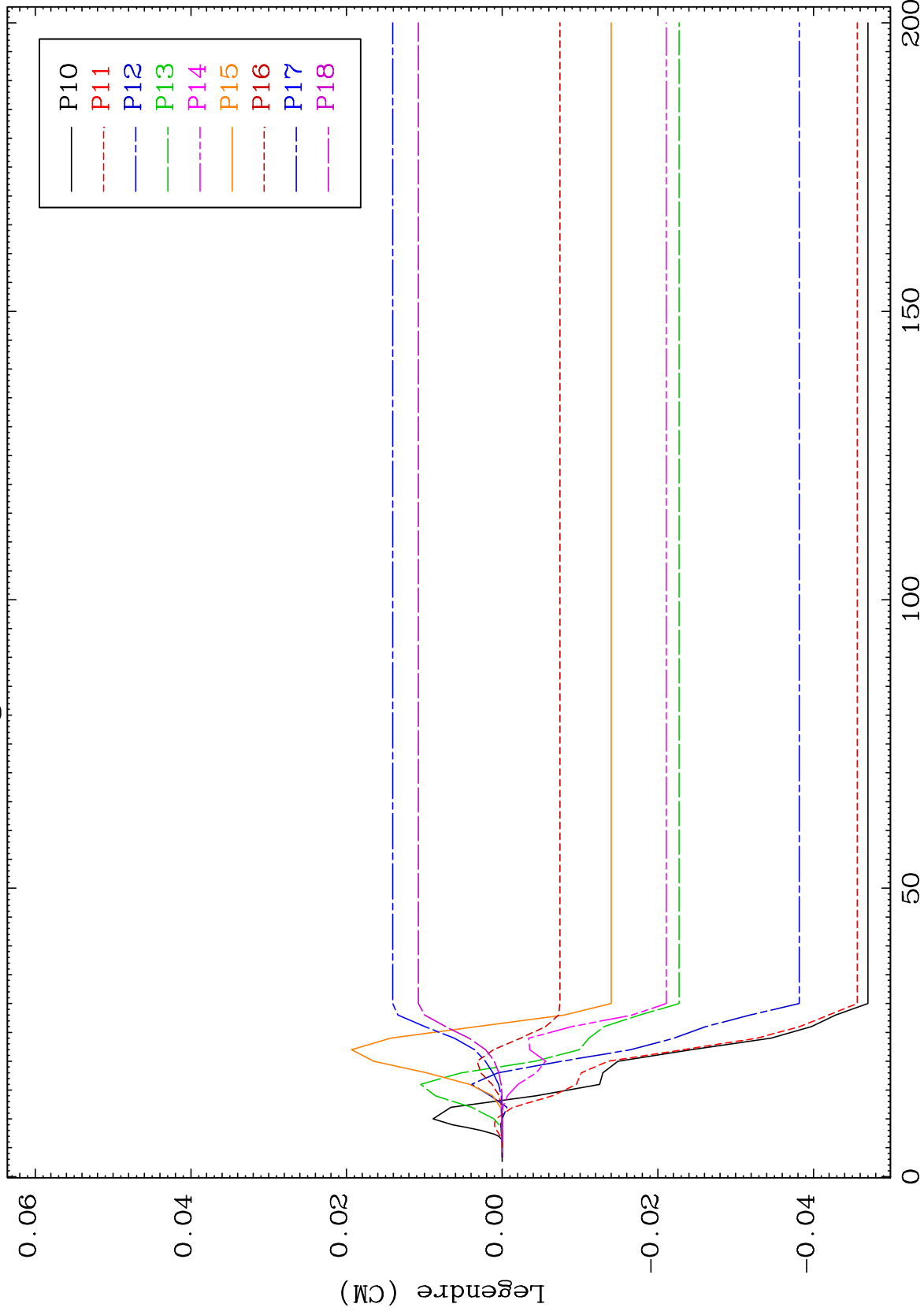
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



64

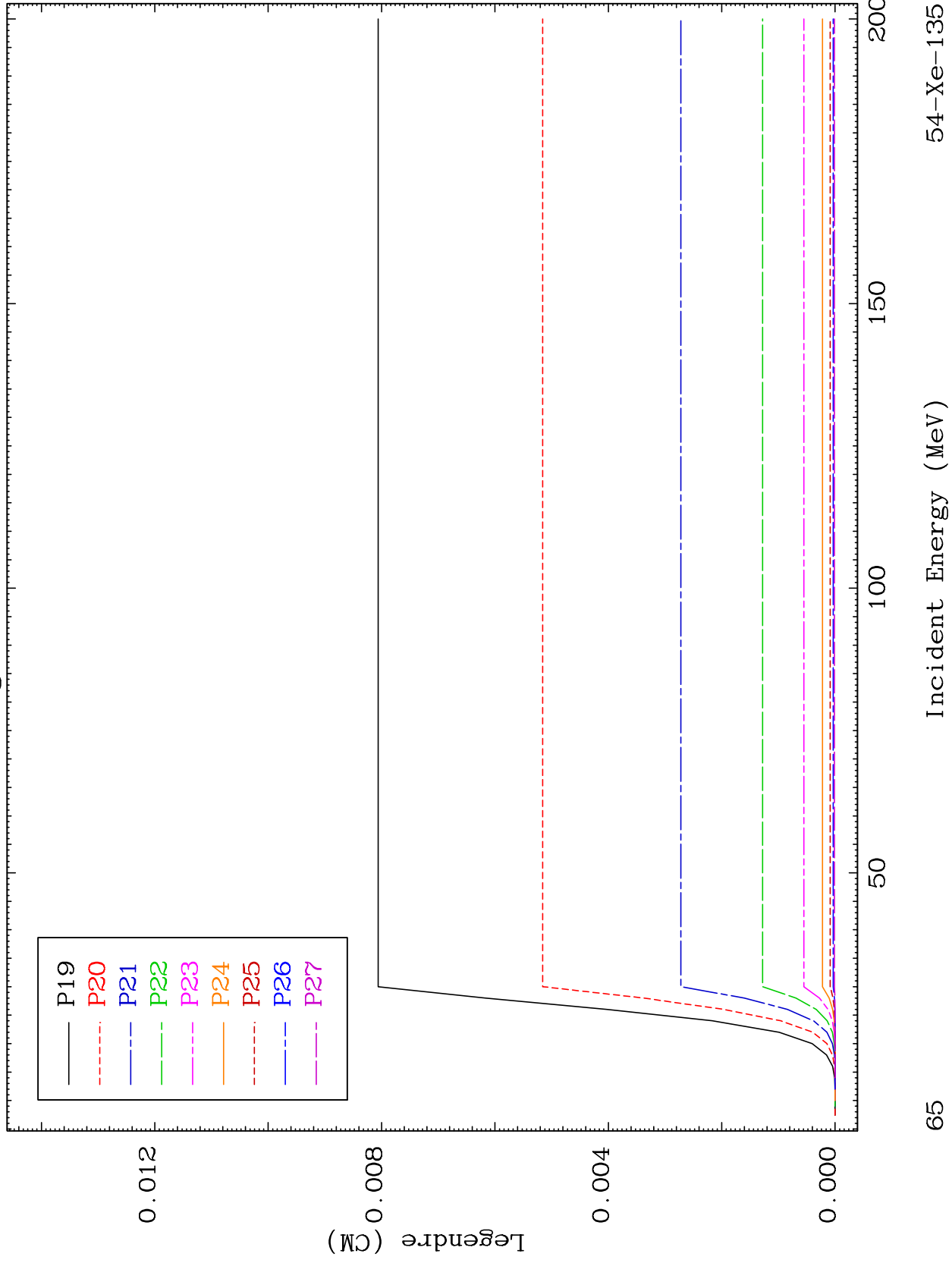
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



65

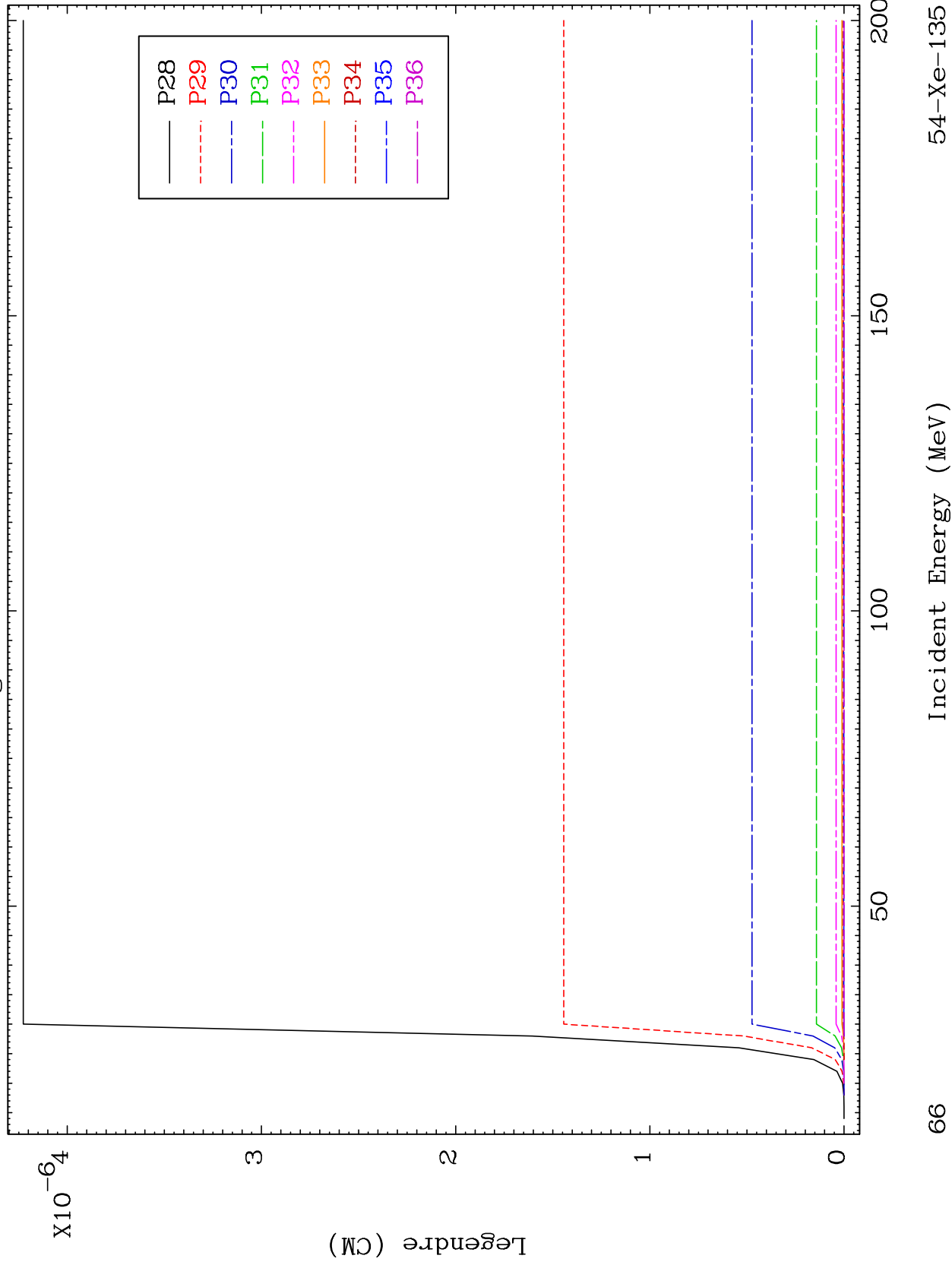
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

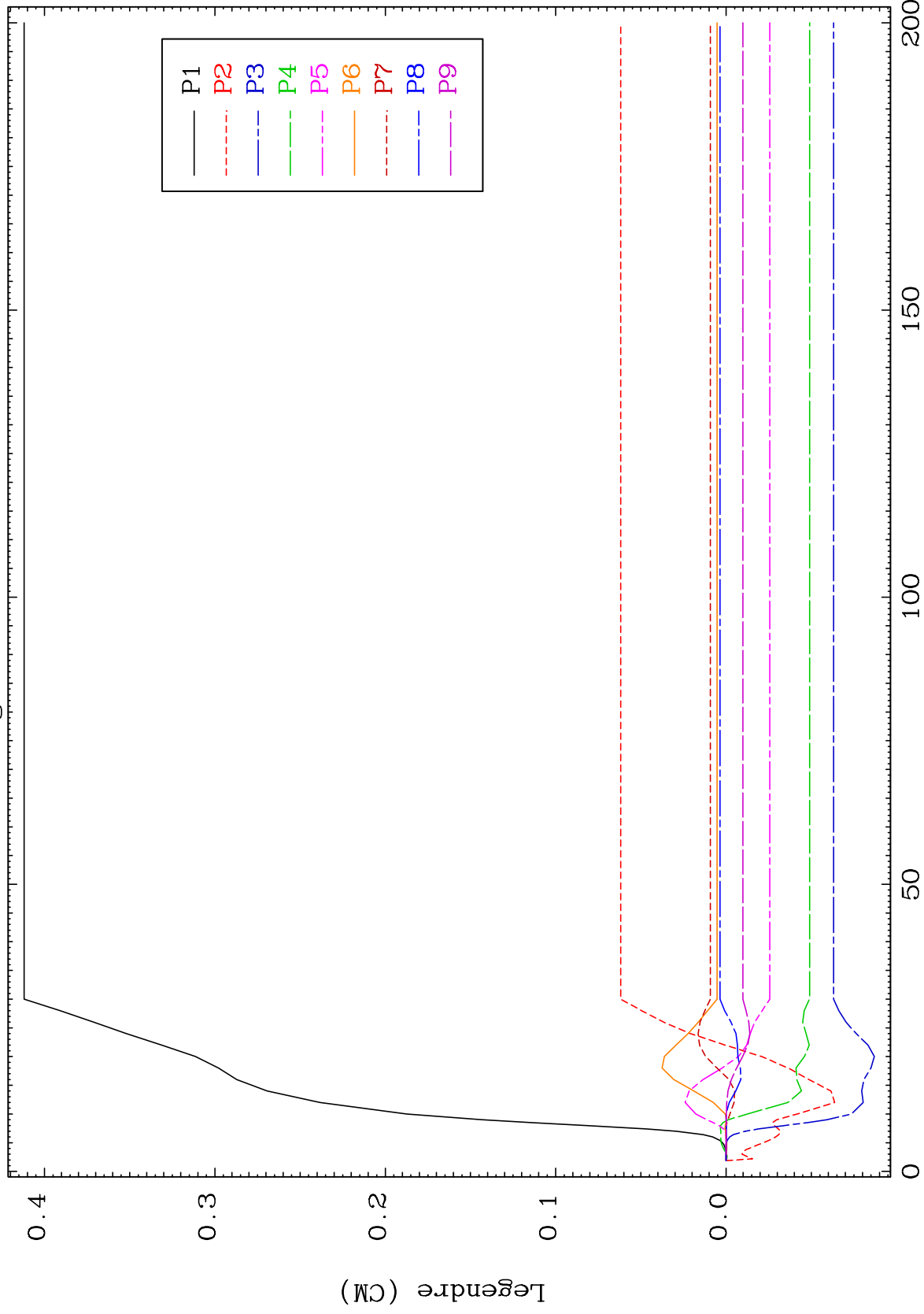
54-Xe-135



MAT 5458

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

54-Xe-135



54-Xe-135

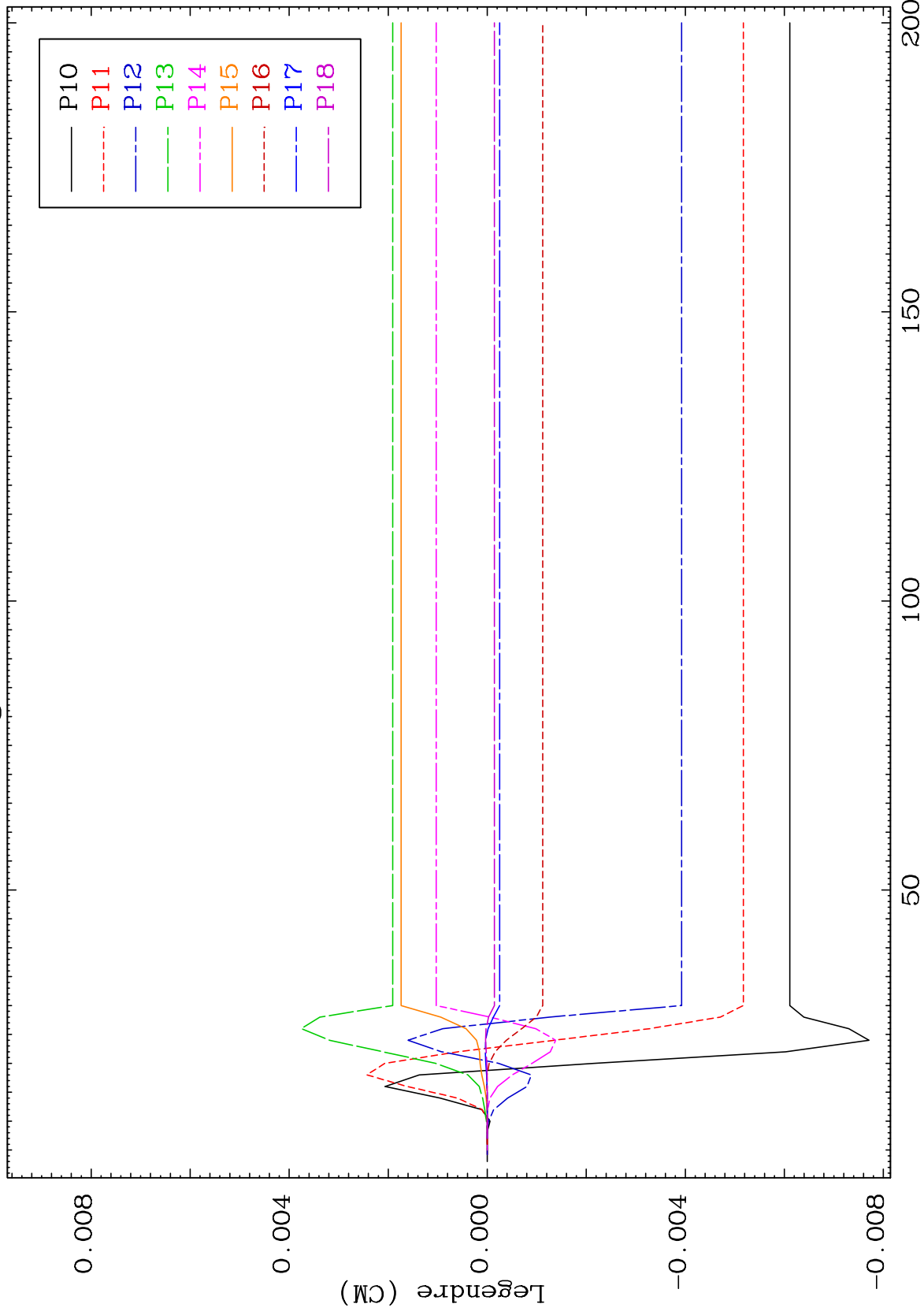
Incident Energy (MeV)

67

MAT 5458

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

54-Xe-135



68

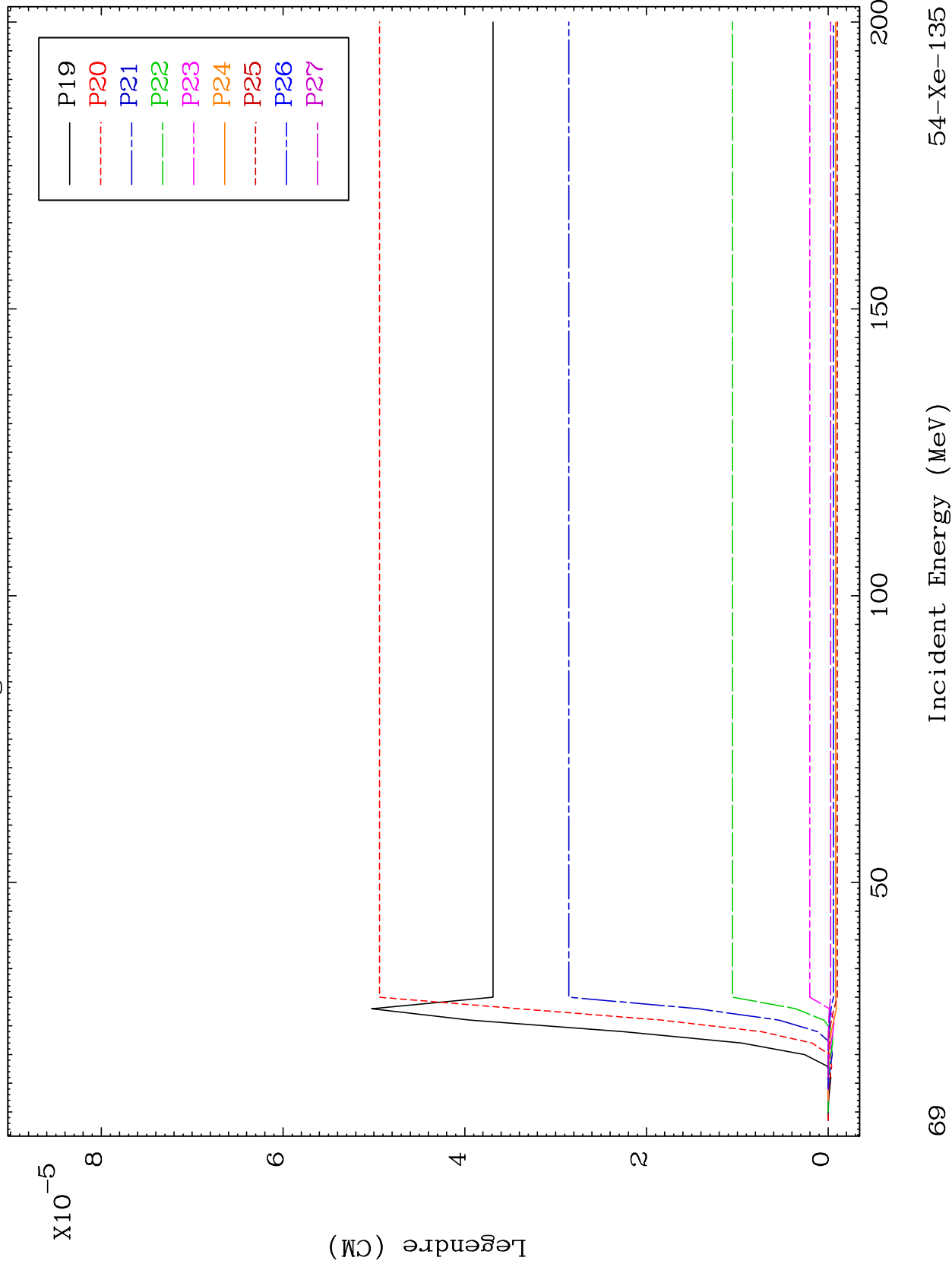
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

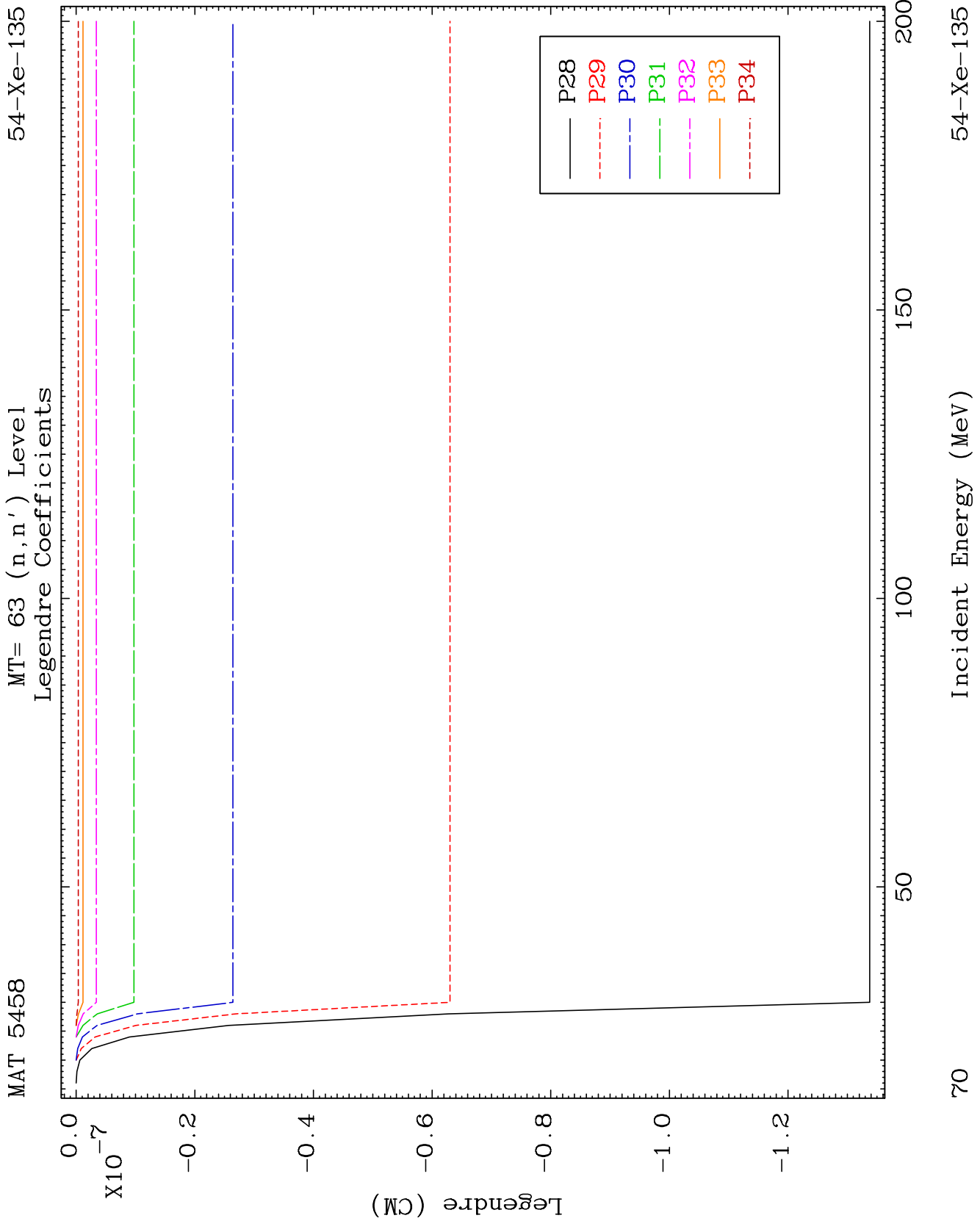
54-Xe-135



69

Incident Energy (MeV)

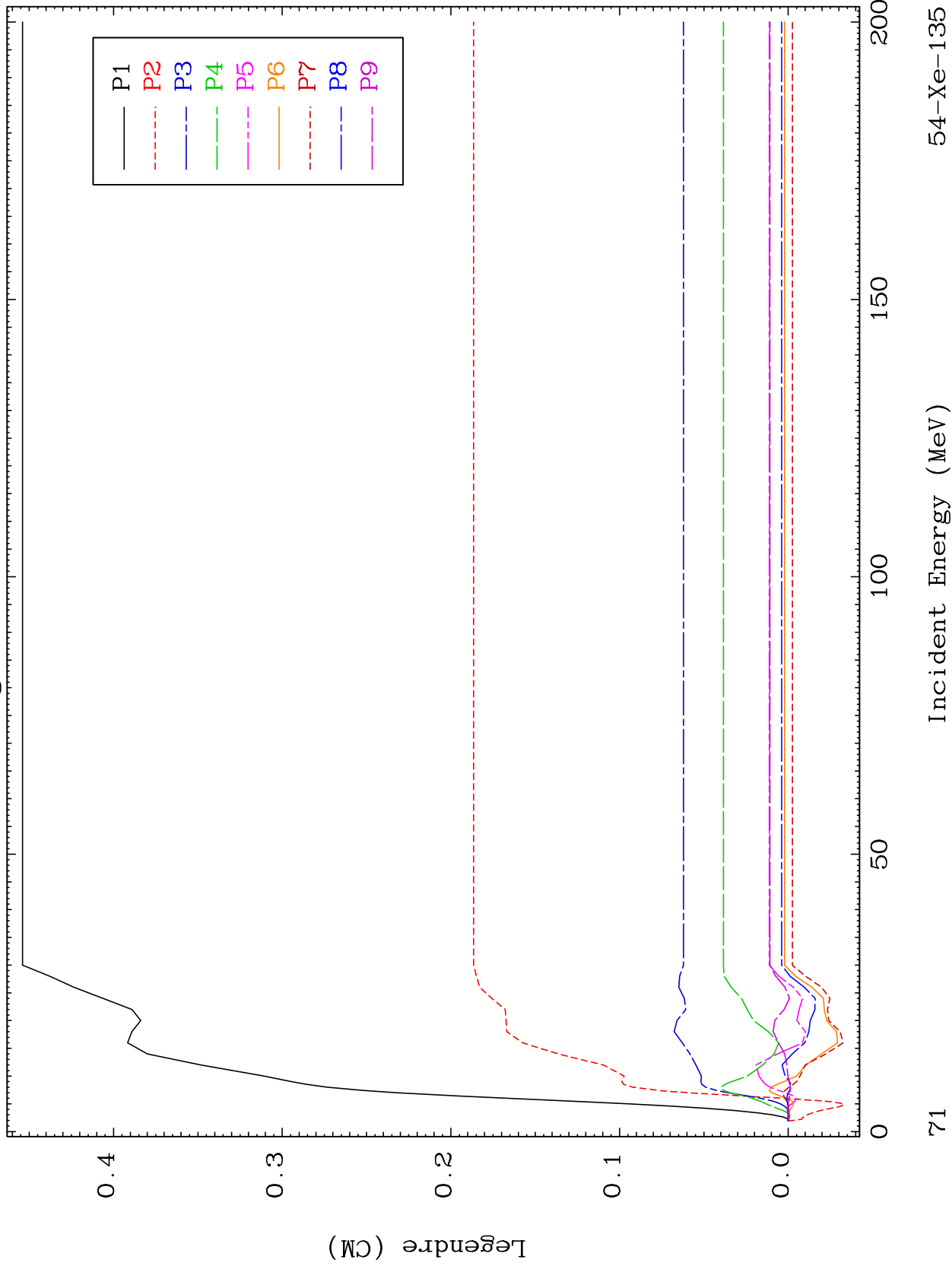
54-Xe-135



MAT 5458

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

54-Xe-135



54-Xe-135

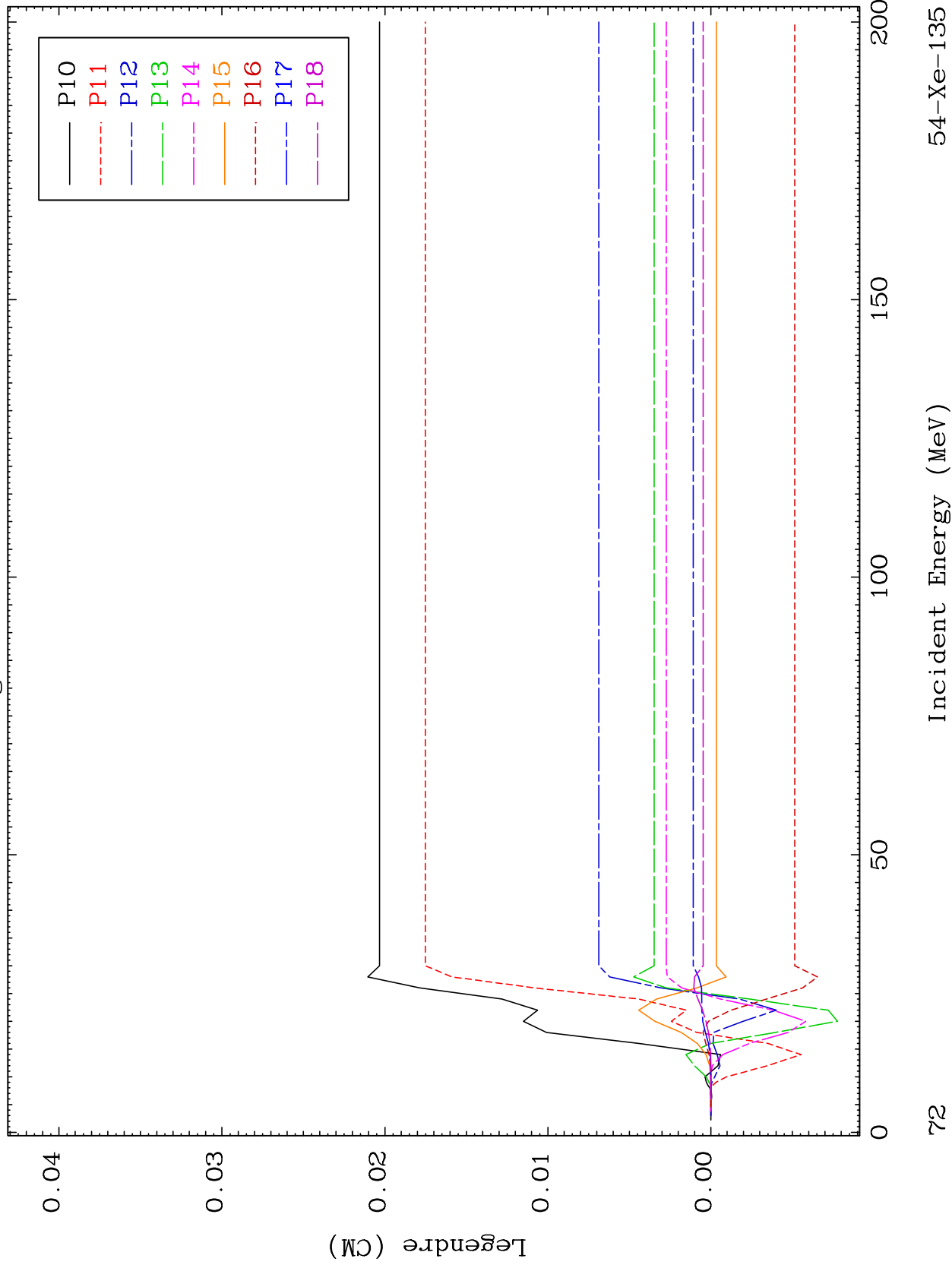
Incident Energy (MeV)

71

MAT 5458

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

54-Xe-135



54-Xe-135

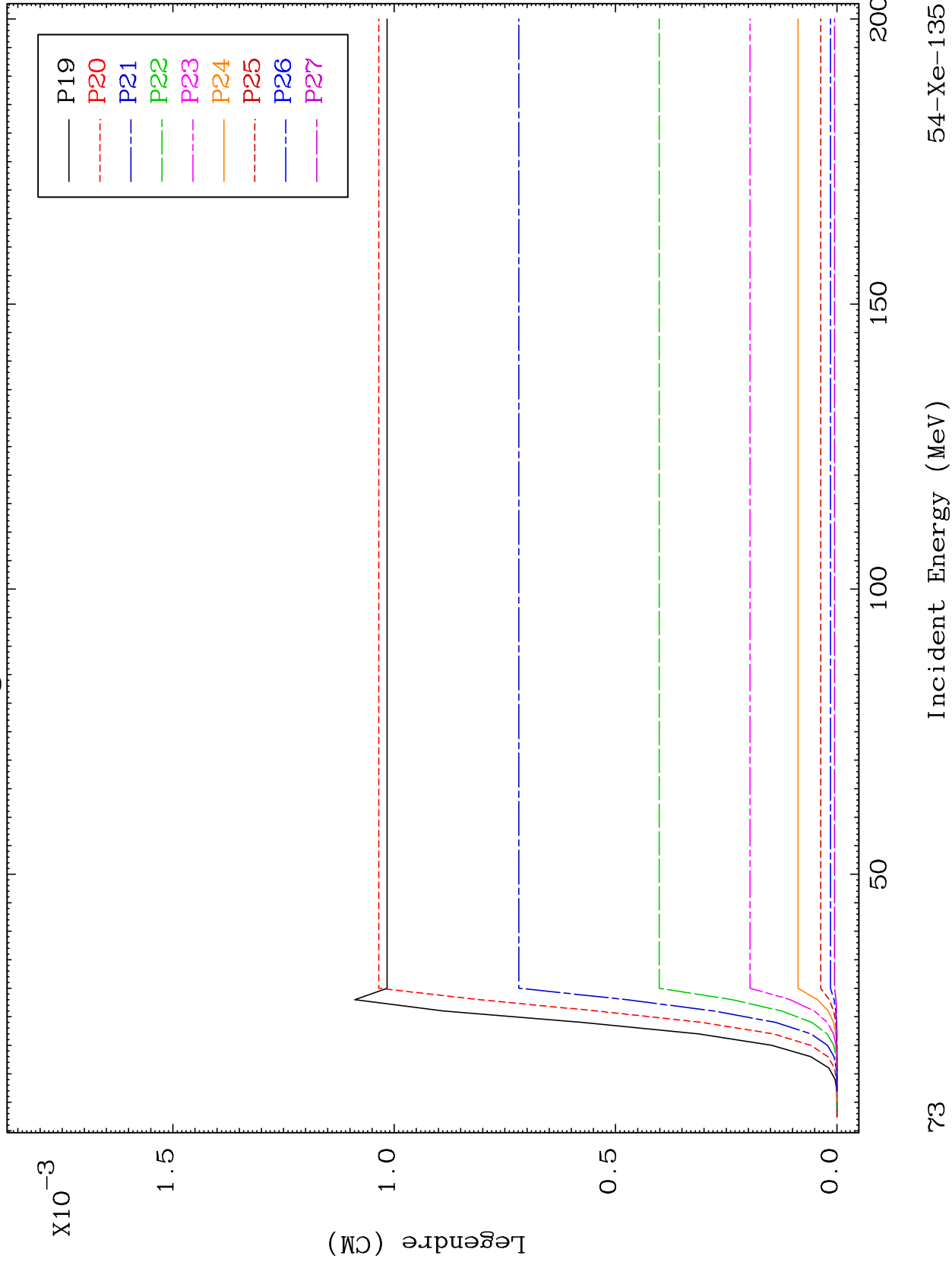
Incident Energy (MeV)

72

MAT 5458

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

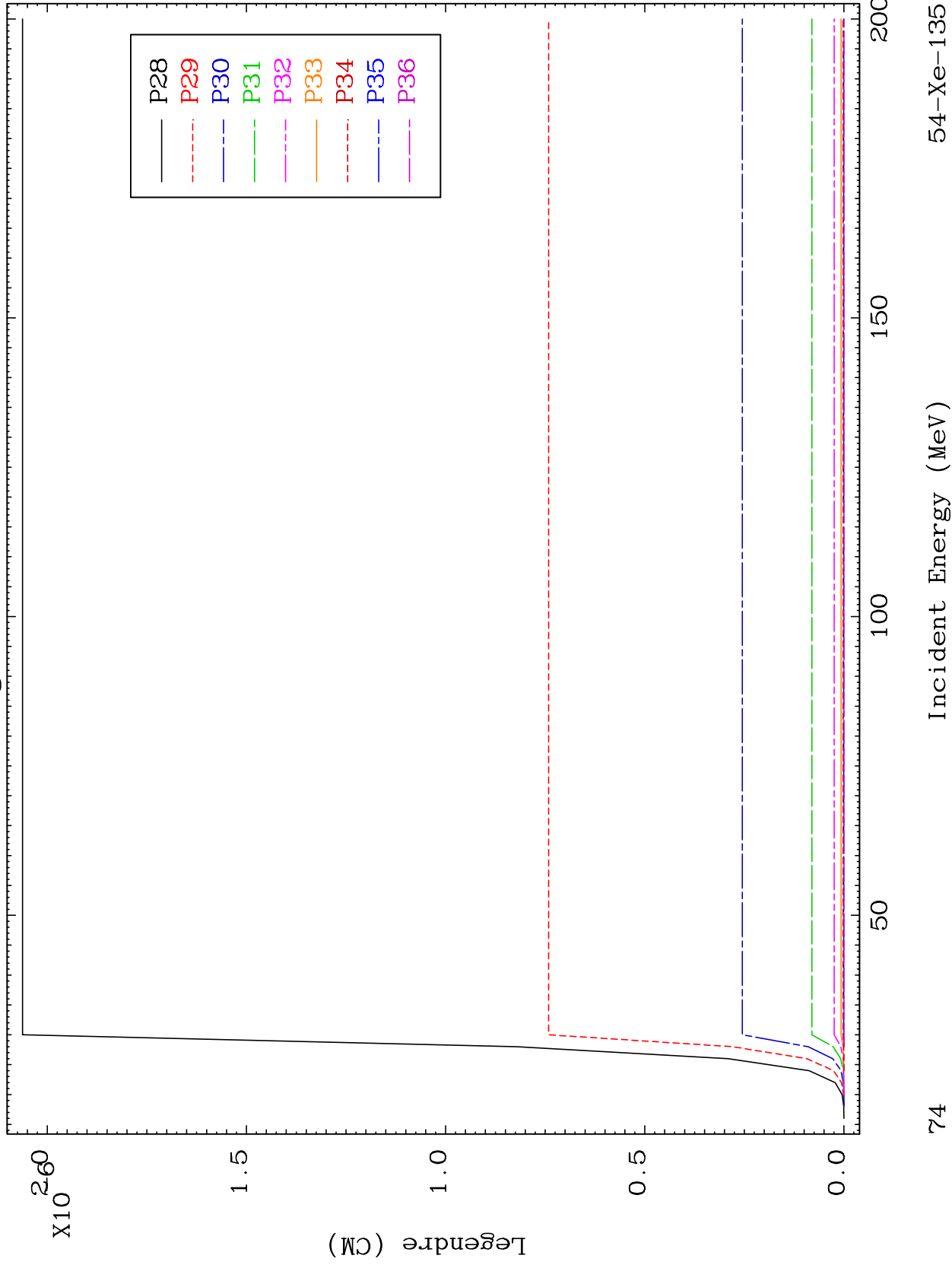
54-Xe-135



MAT 5458

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

54-Xe-135



74

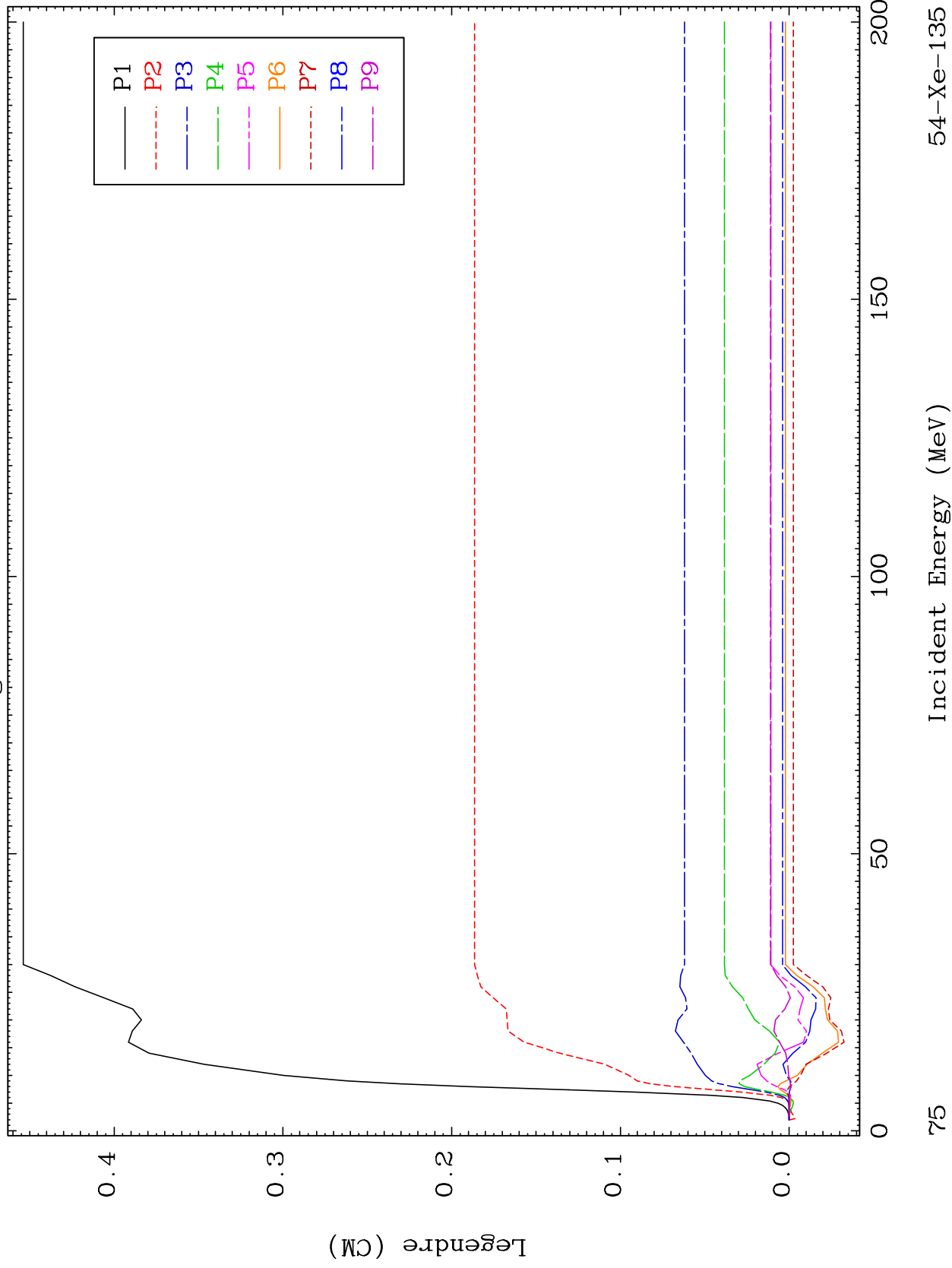
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

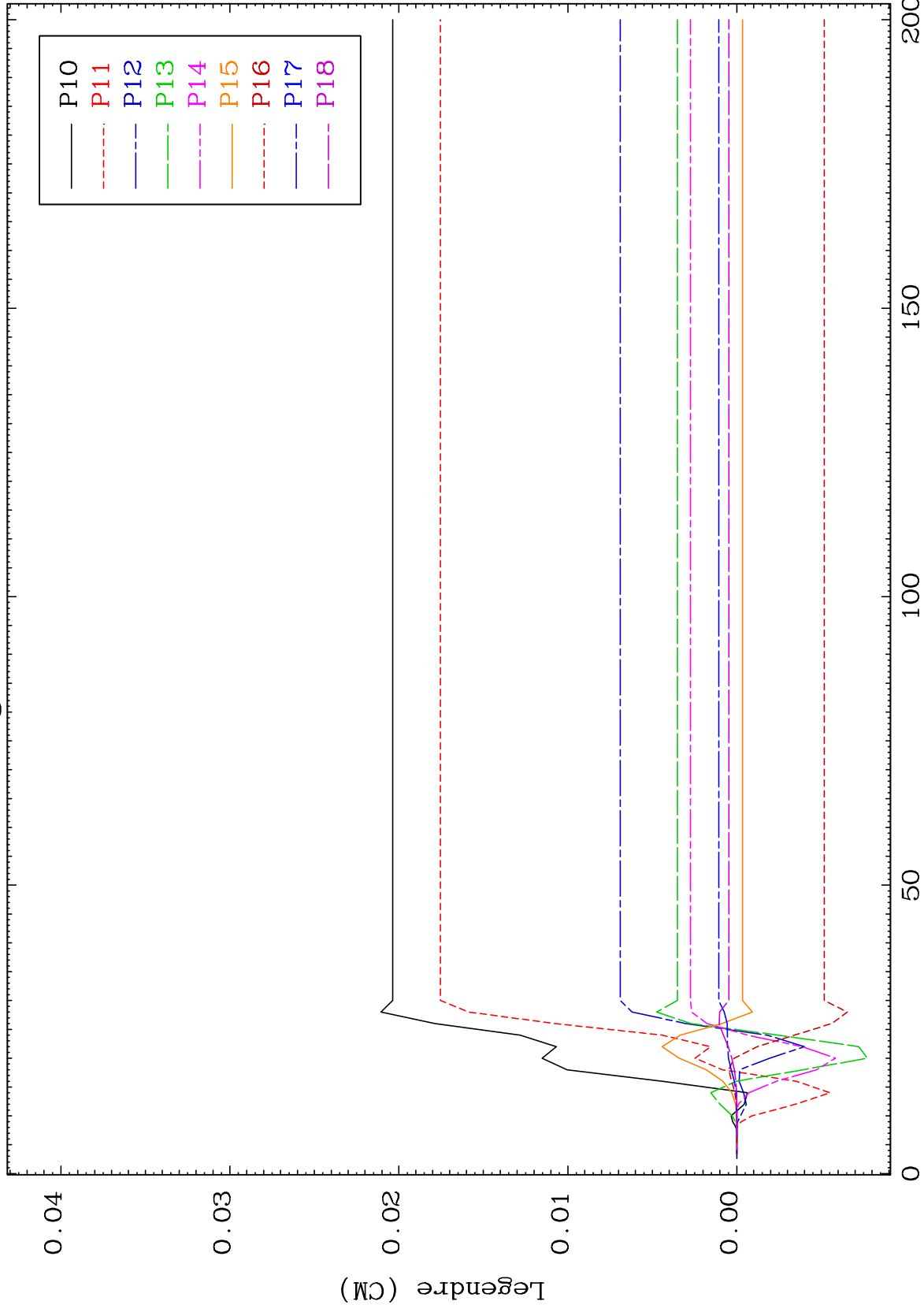
Incident Energy (MeV)

75

MAT 5458

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

54-Xe-135



76

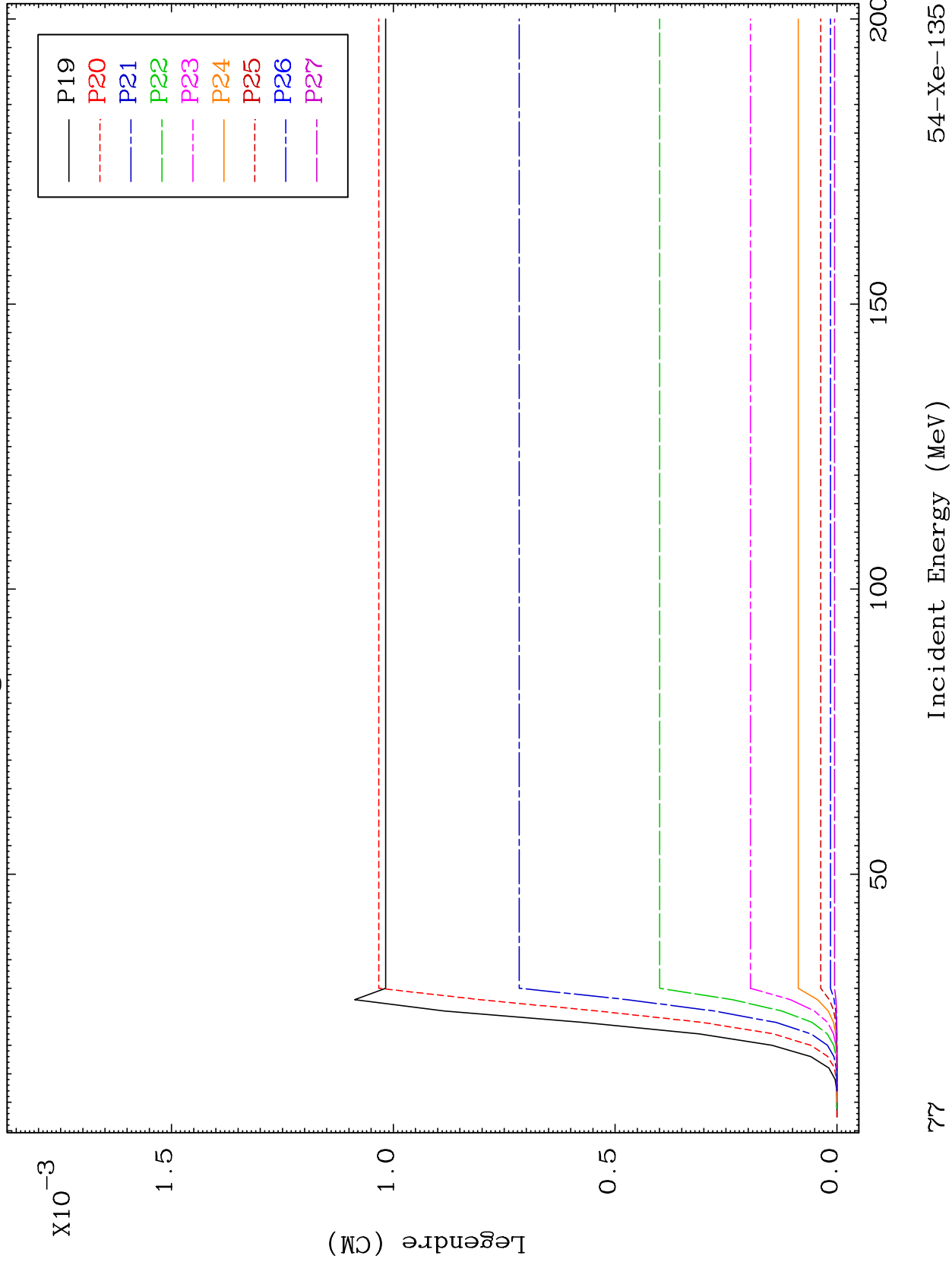
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

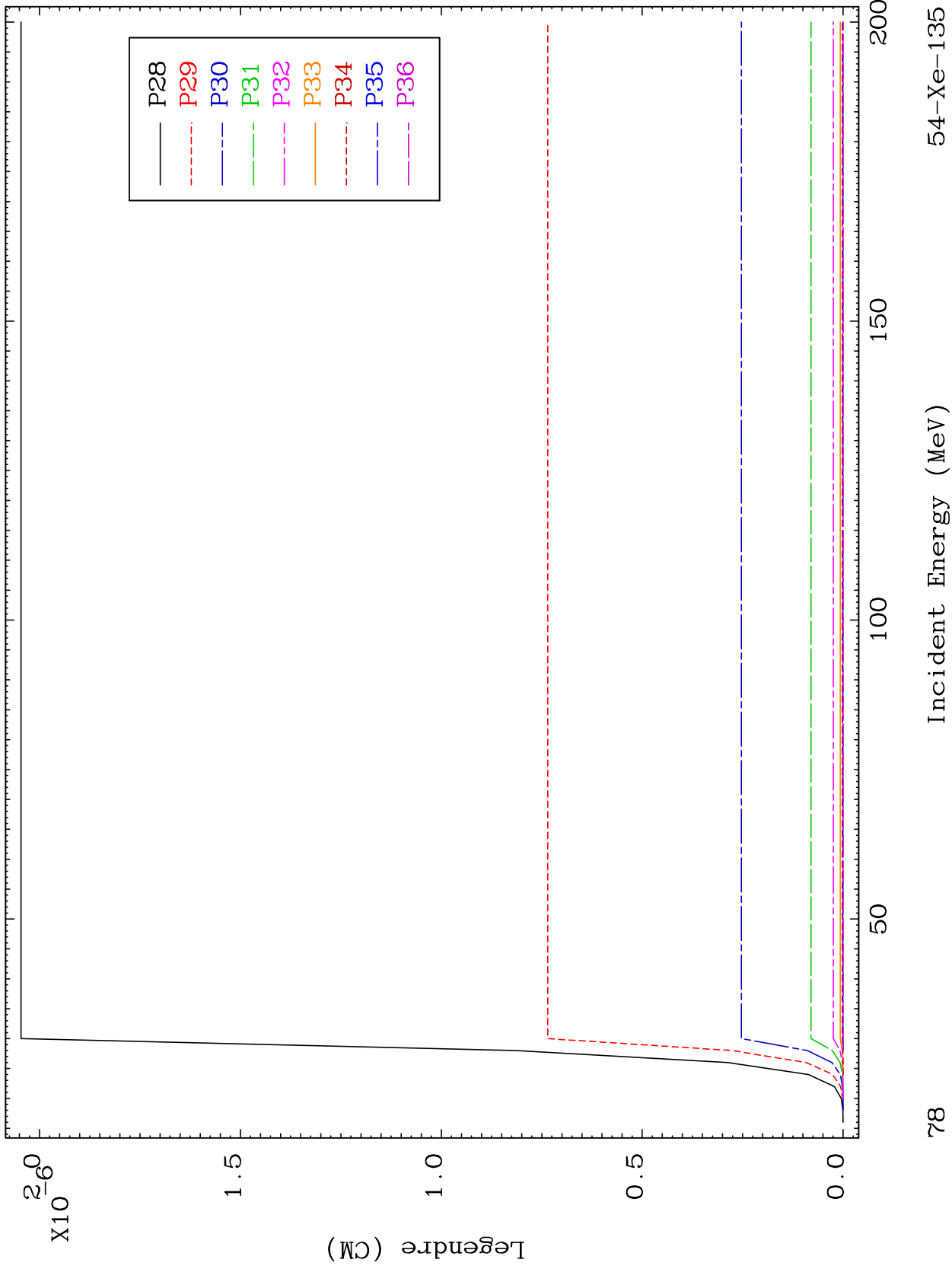
54-Xe-135



MAT 5458

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

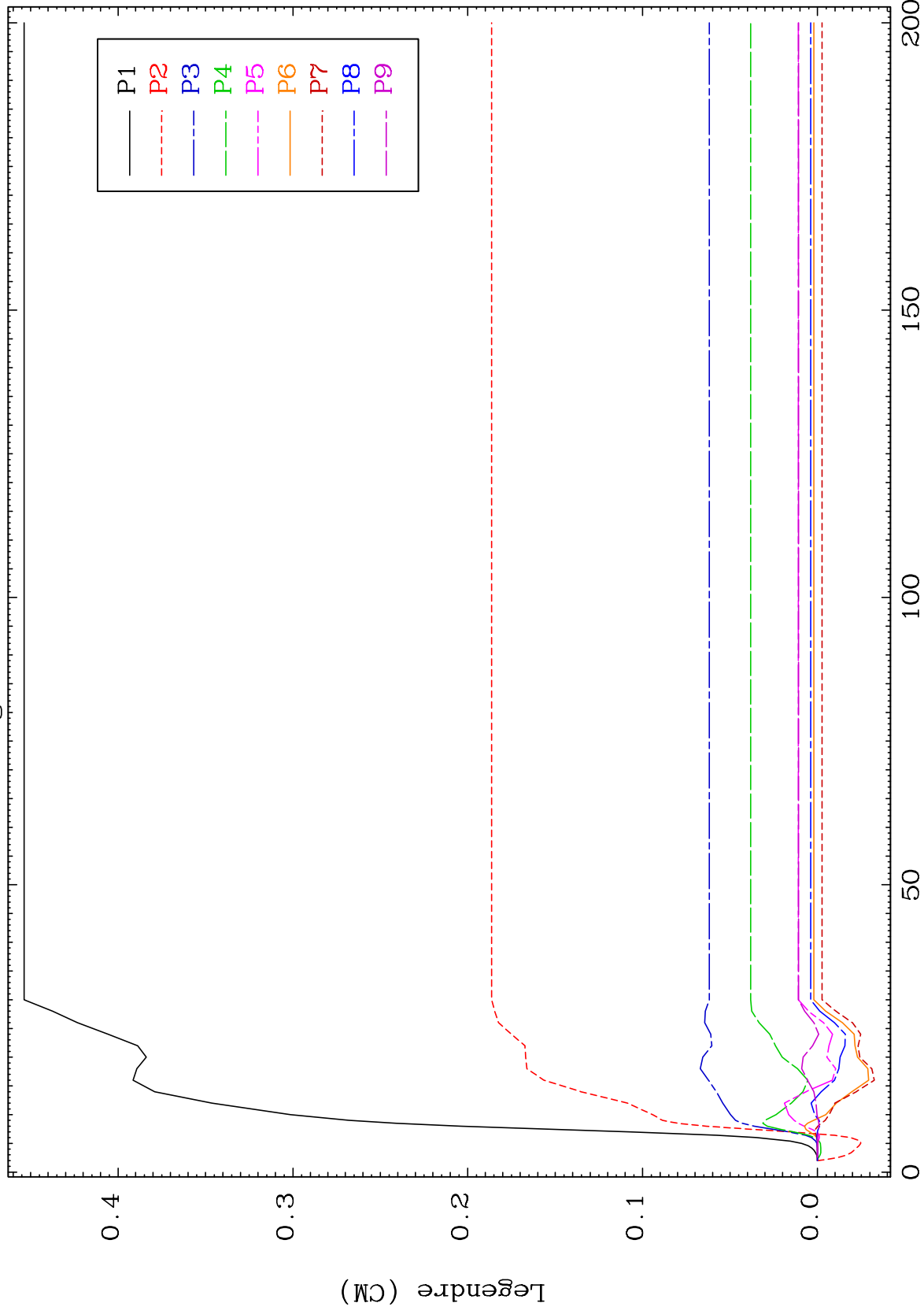
54-Xe-135



MAT 5458

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

54-Xe-135



79

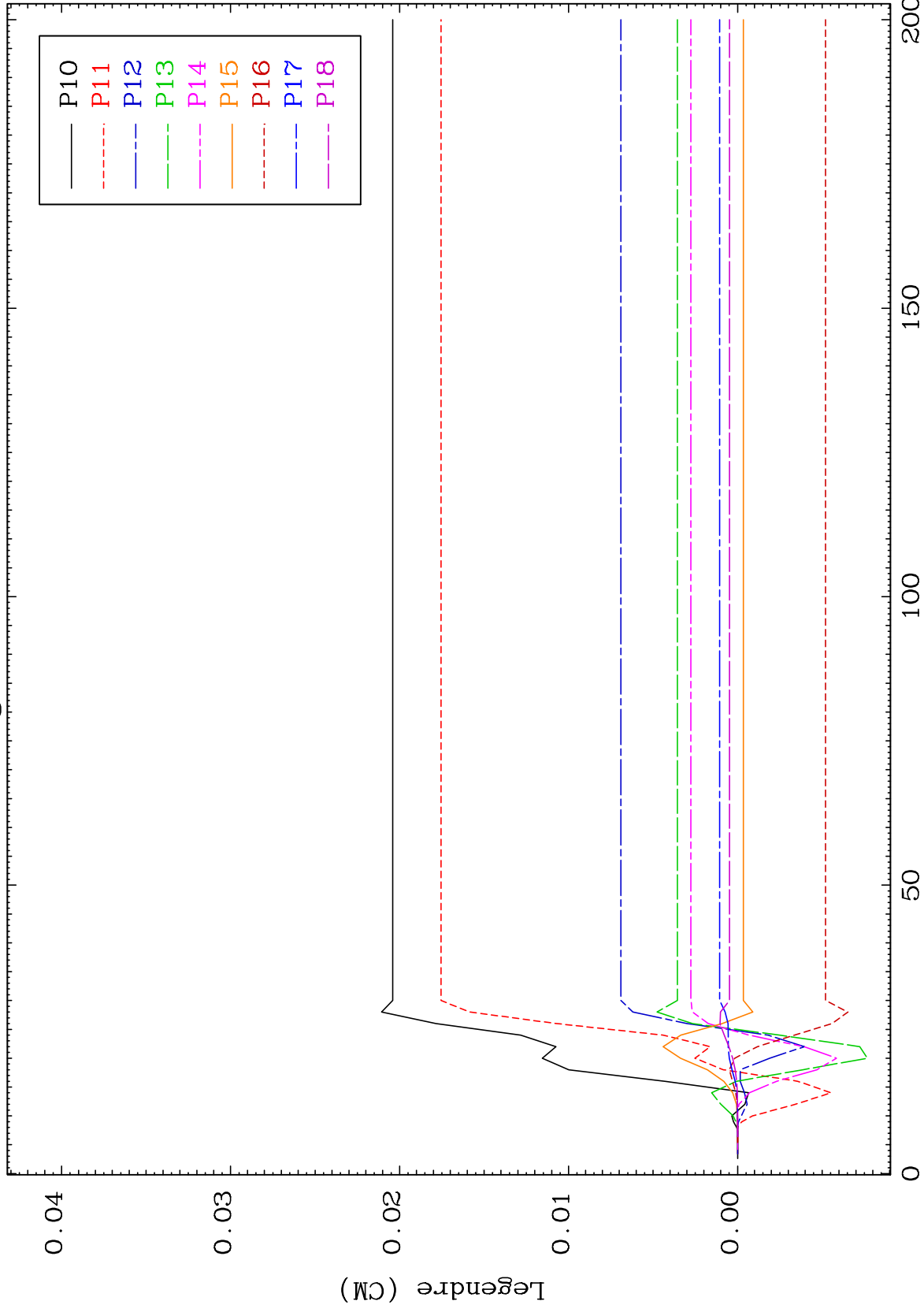
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



80

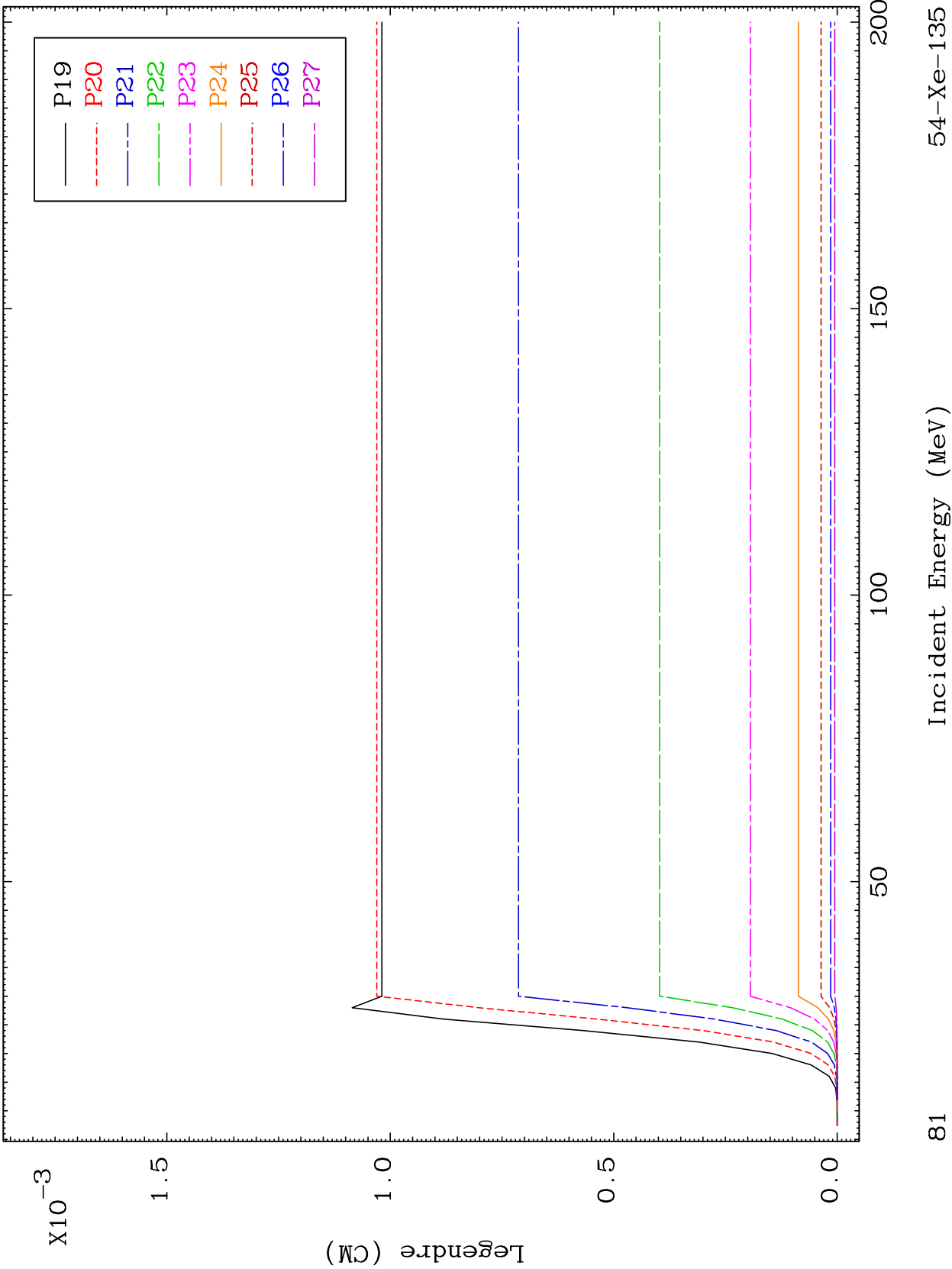
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

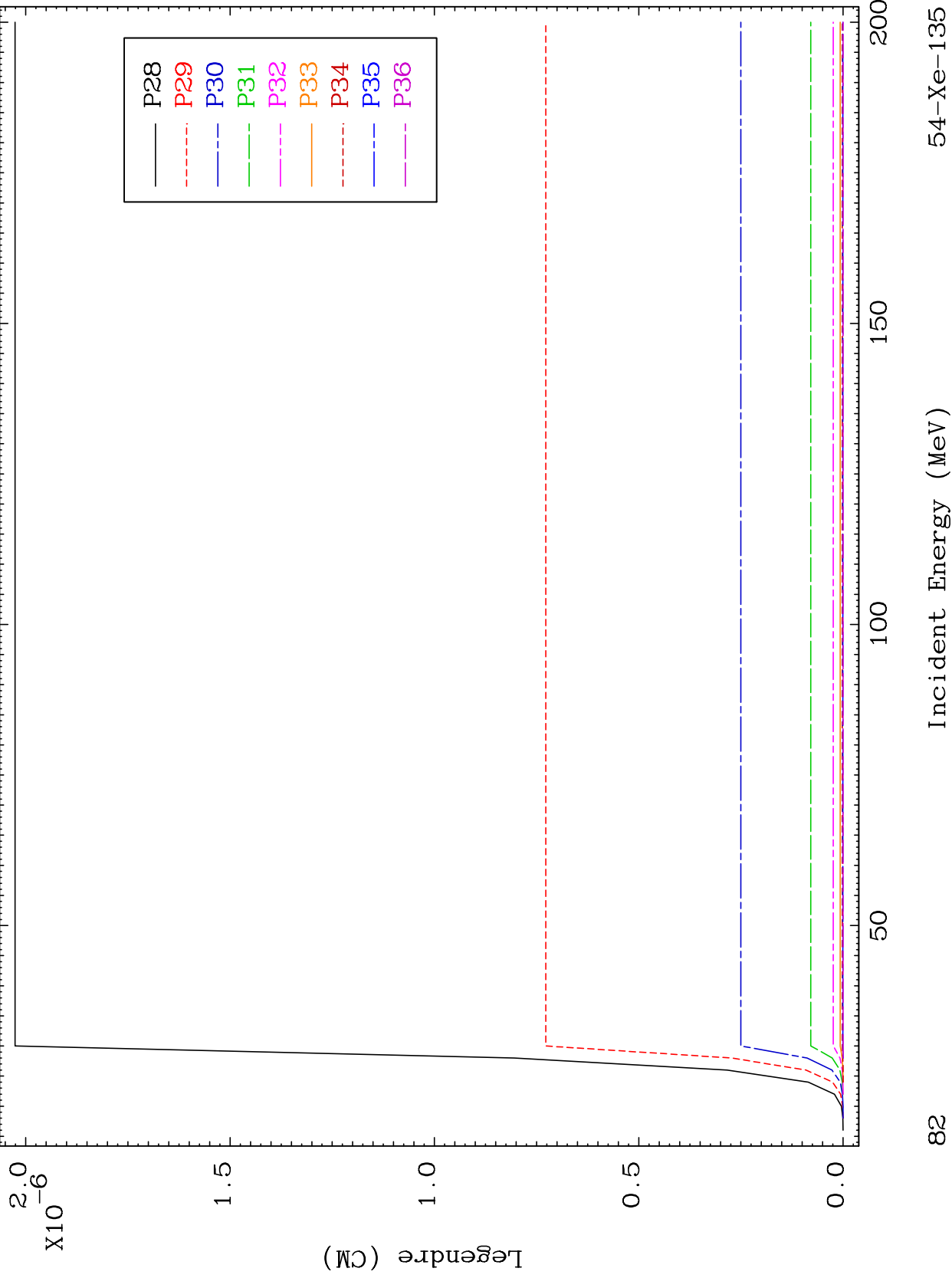
54-Xe-135



MAT 5458

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

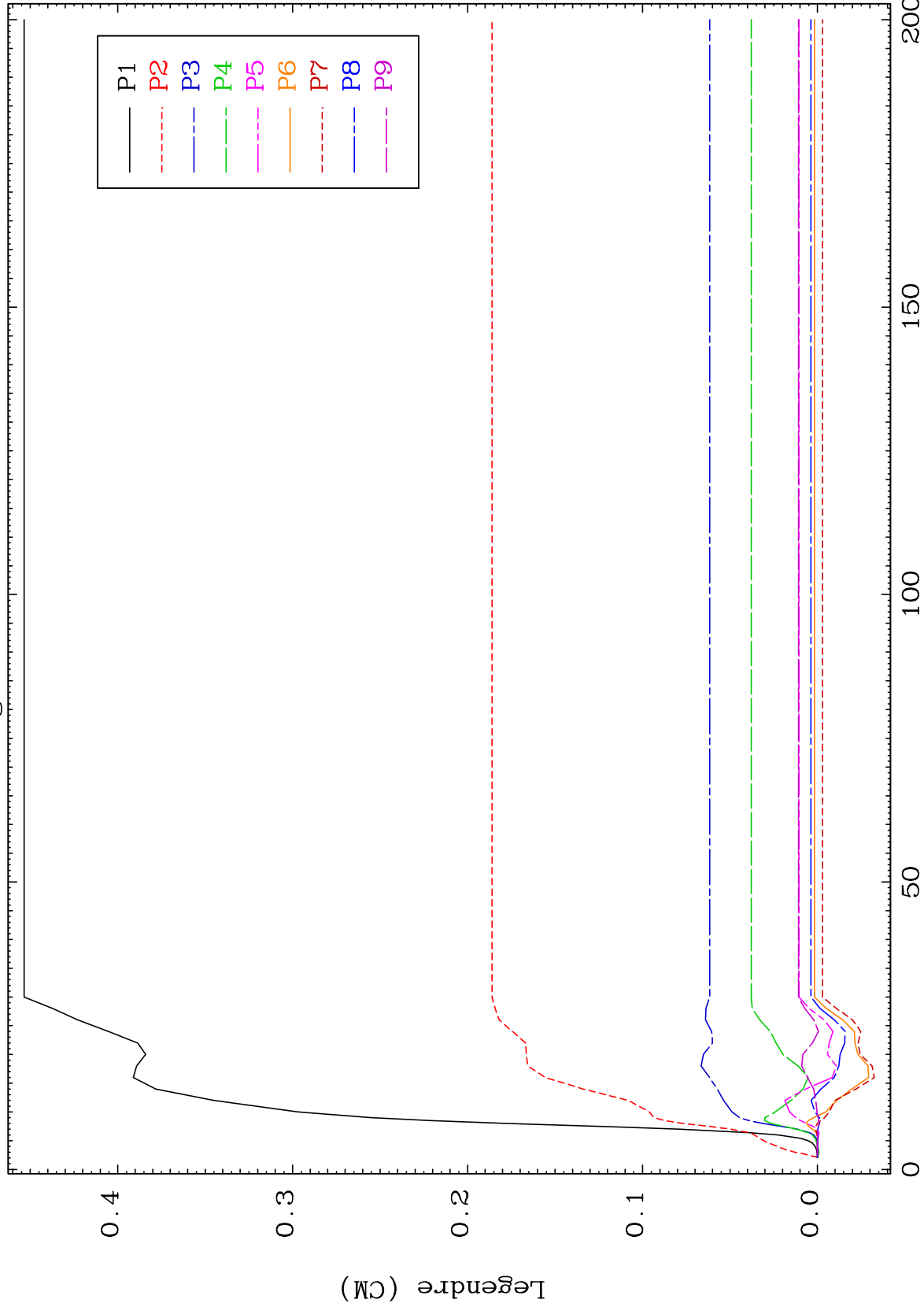
54-Xe-135



MAT 5458

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

54-Xe-135



83

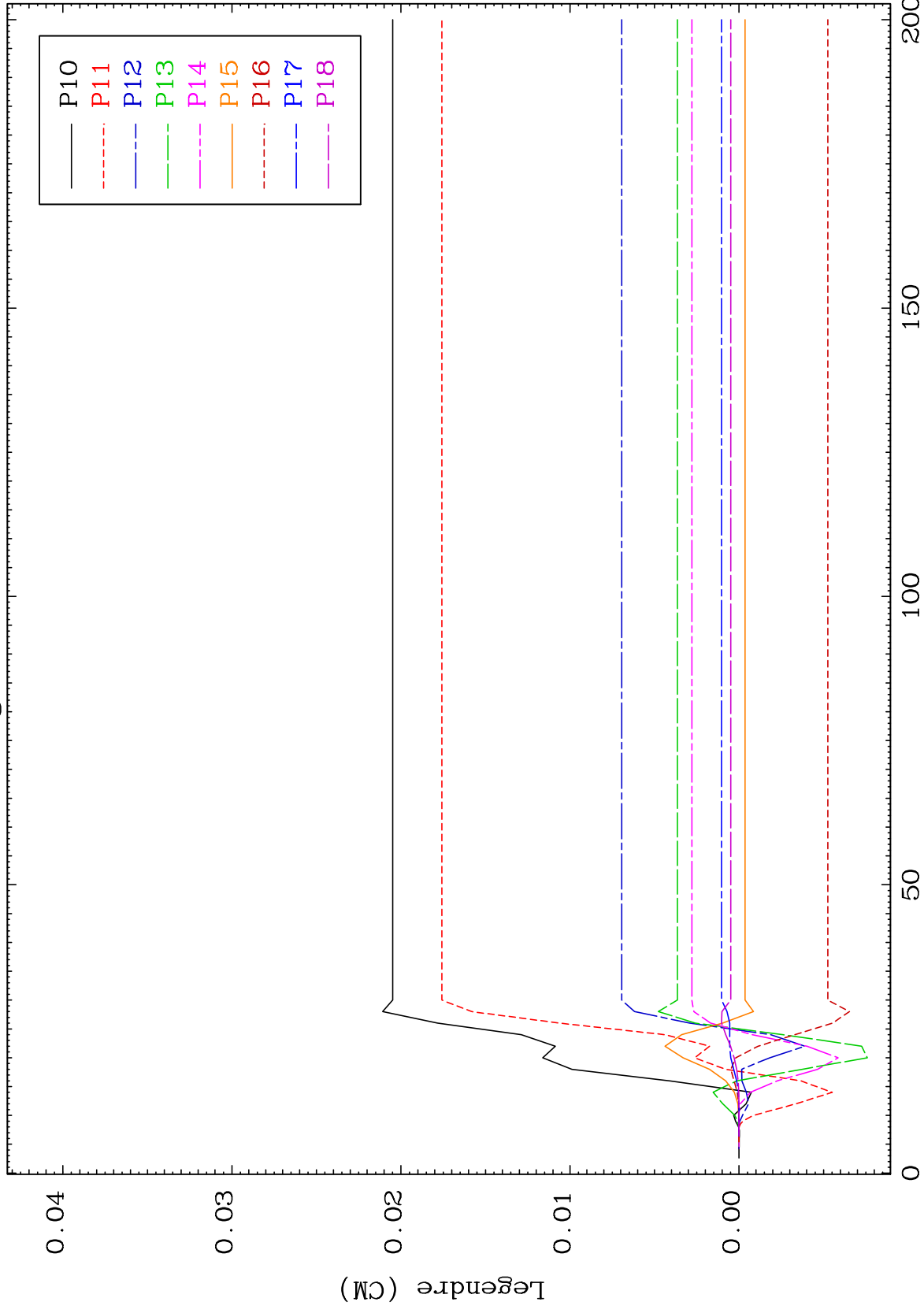
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



84

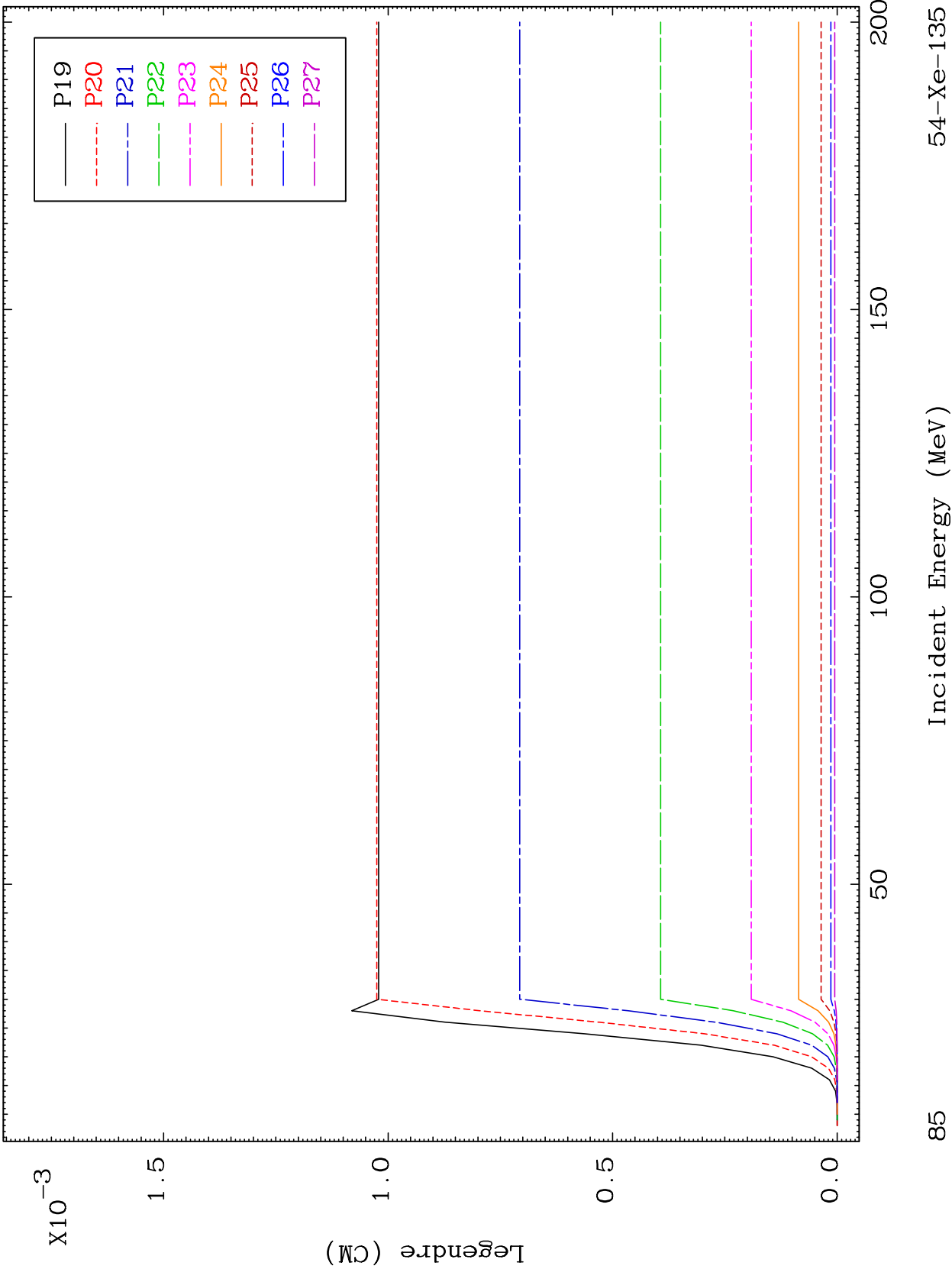
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



85

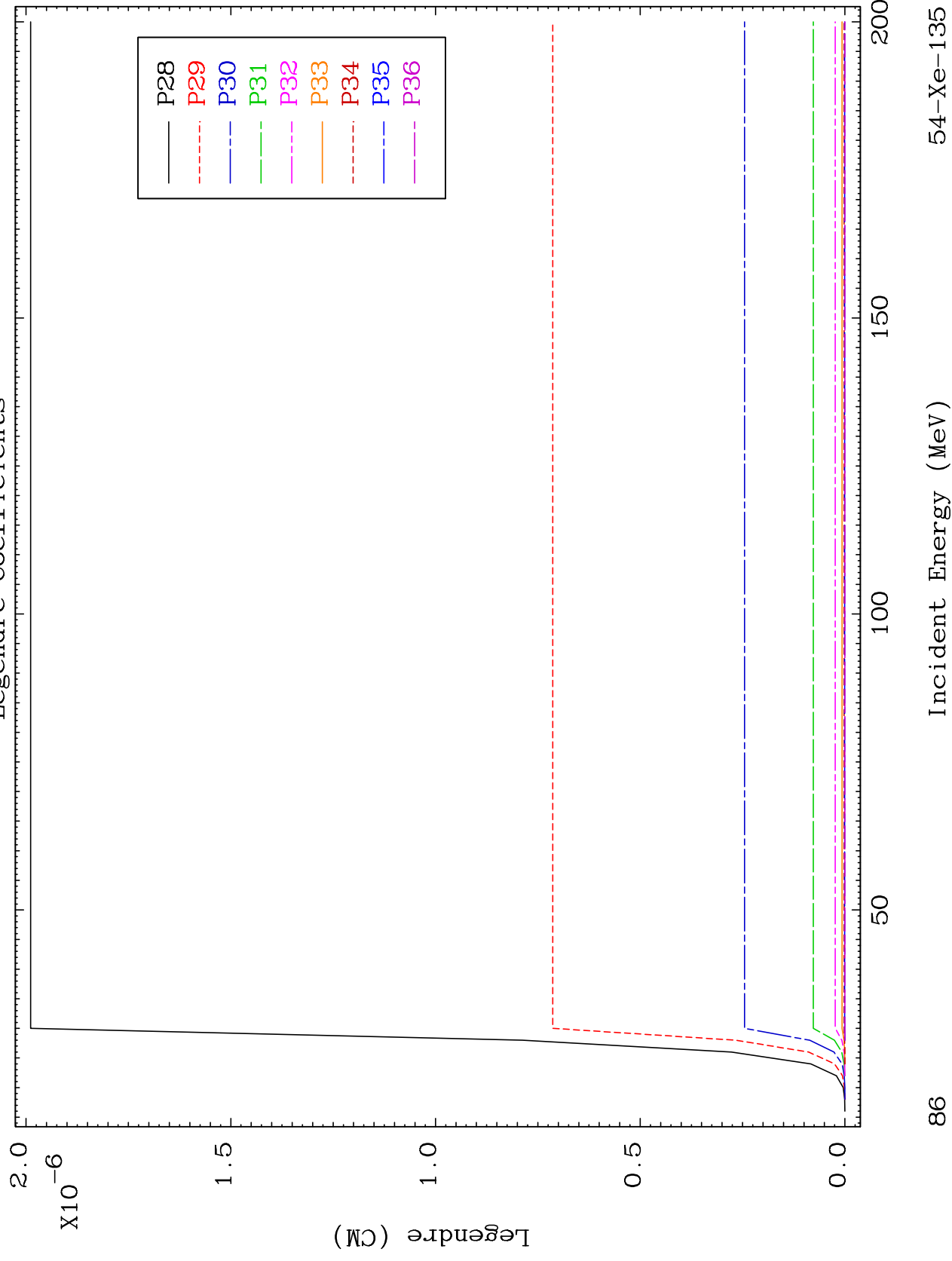
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



86

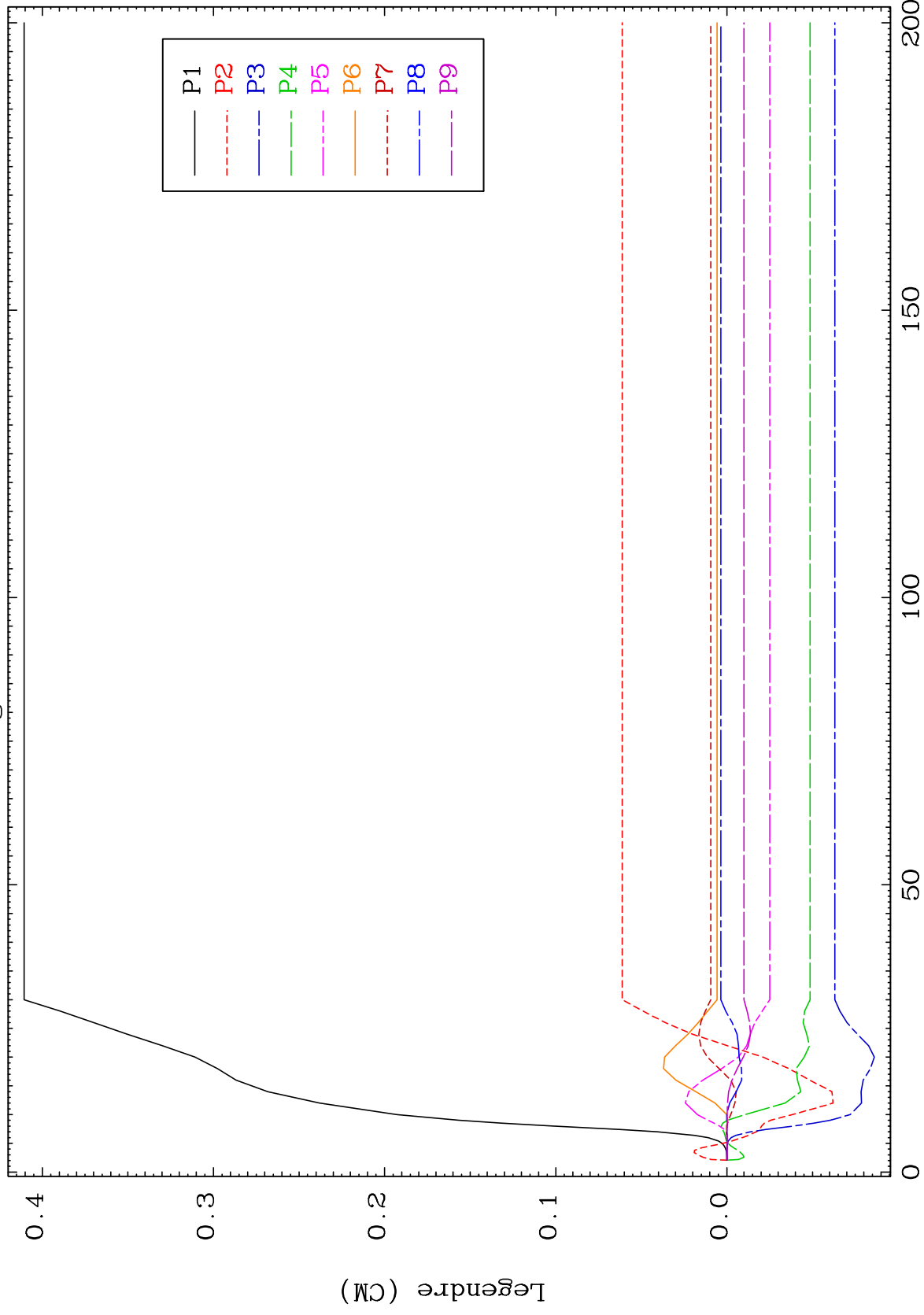
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



87

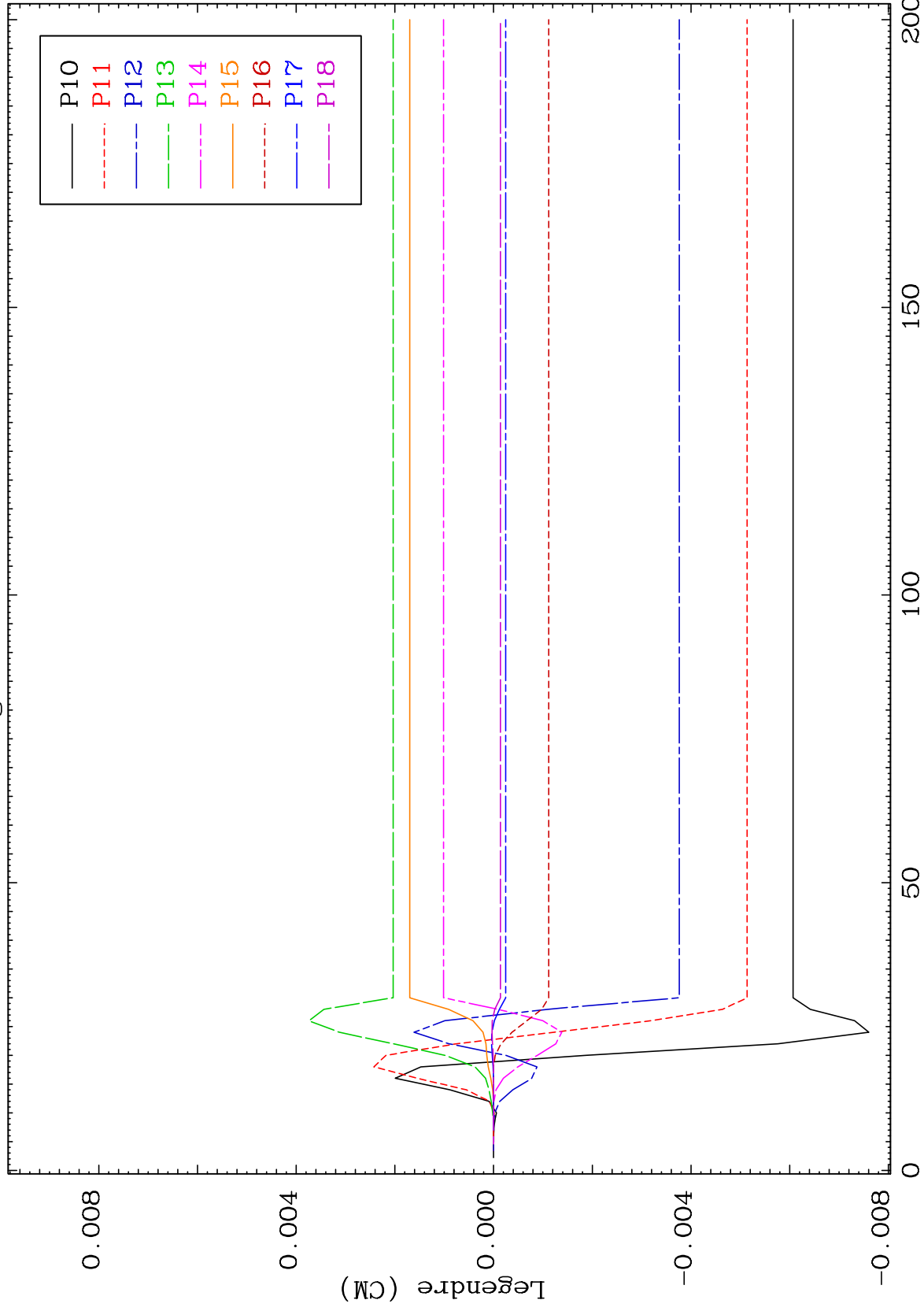
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



88

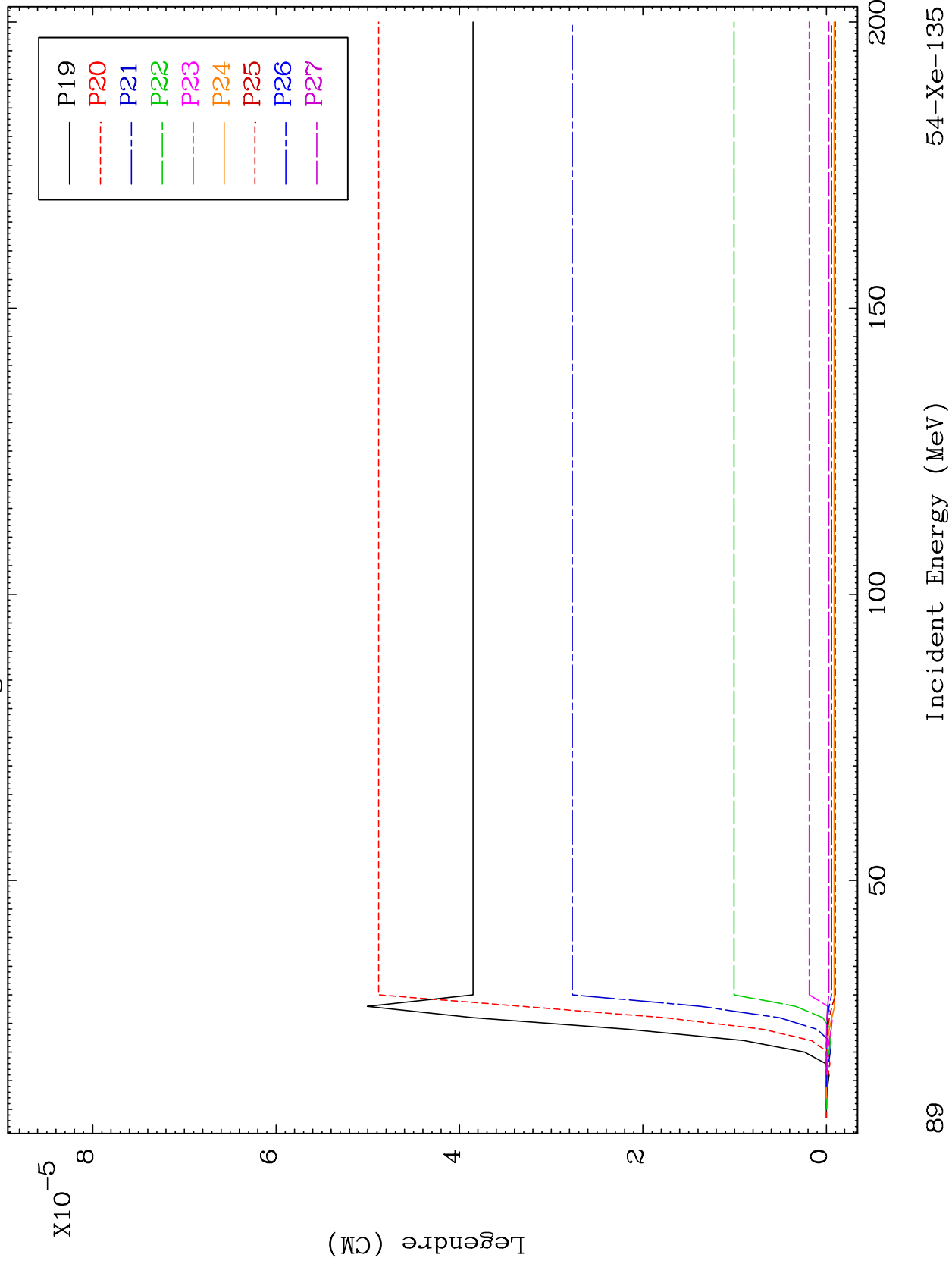
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135

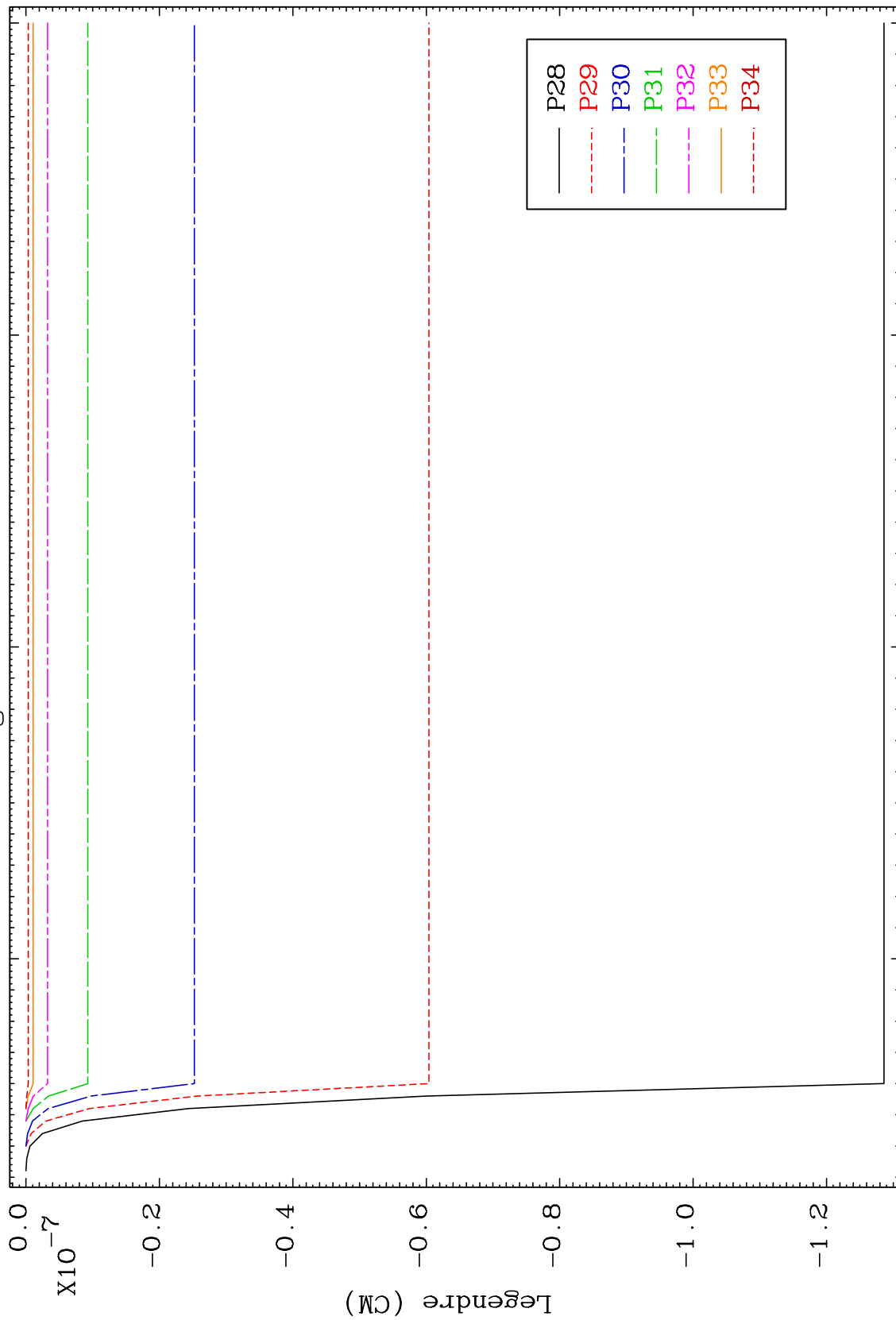


MAT 5458

MT= 68 (n,n') Level

54-Xe-135

Legendre Coefficients



54-Xe-135

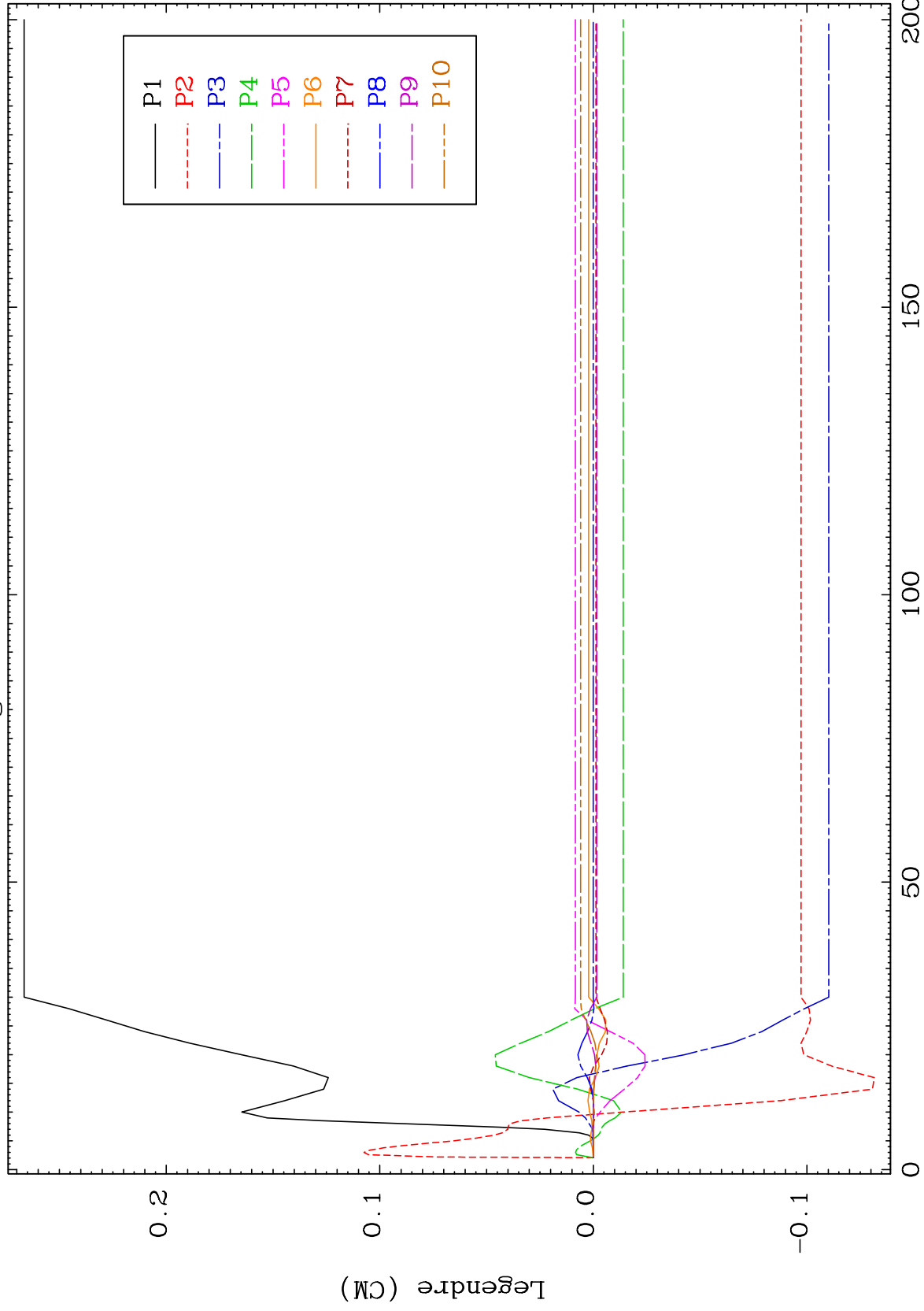
Incident Energy (MeV)

90

MAT 5458

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

54-Xe-135



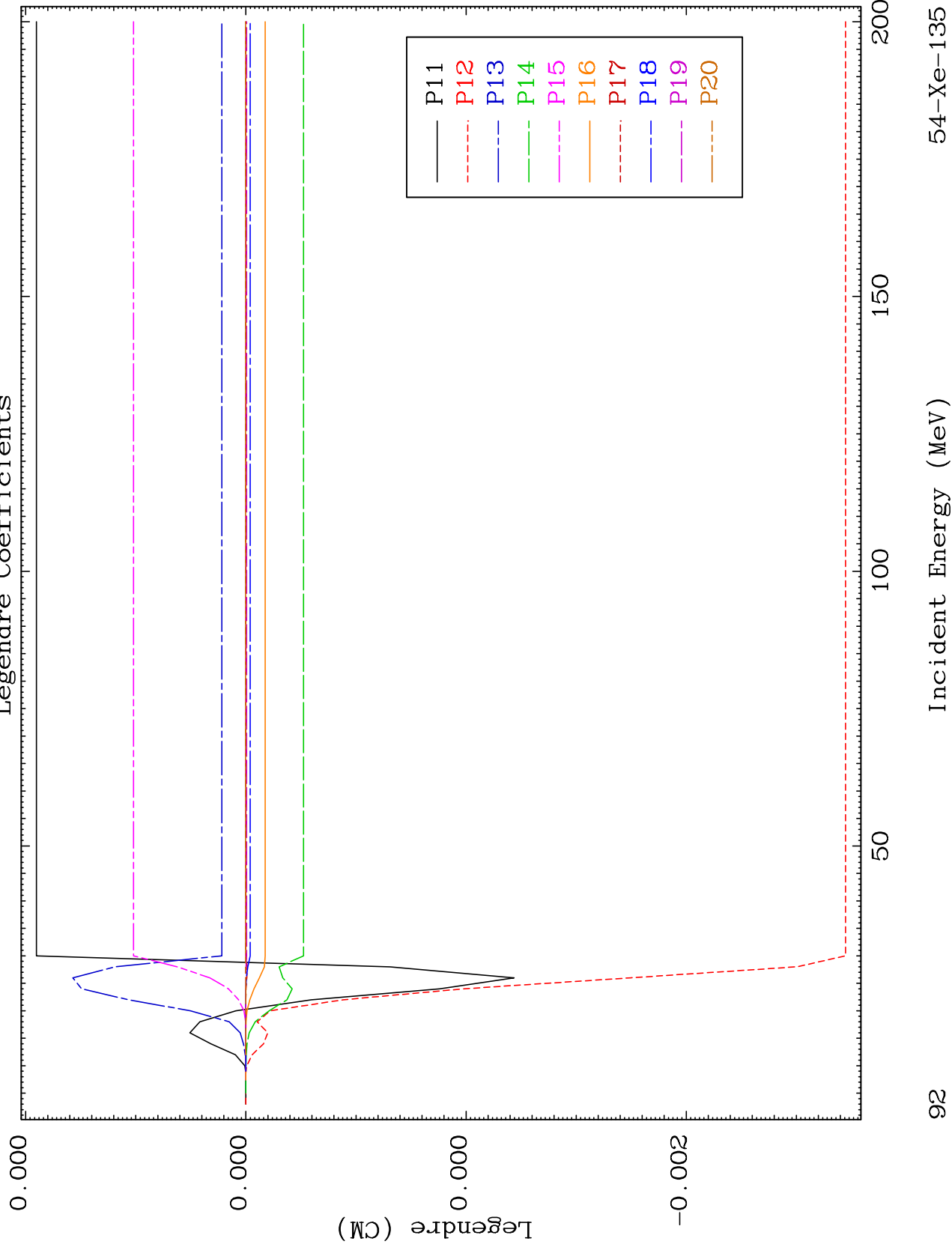
91

54-Xe-135

MAT 5458

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

54-Xe-135



92

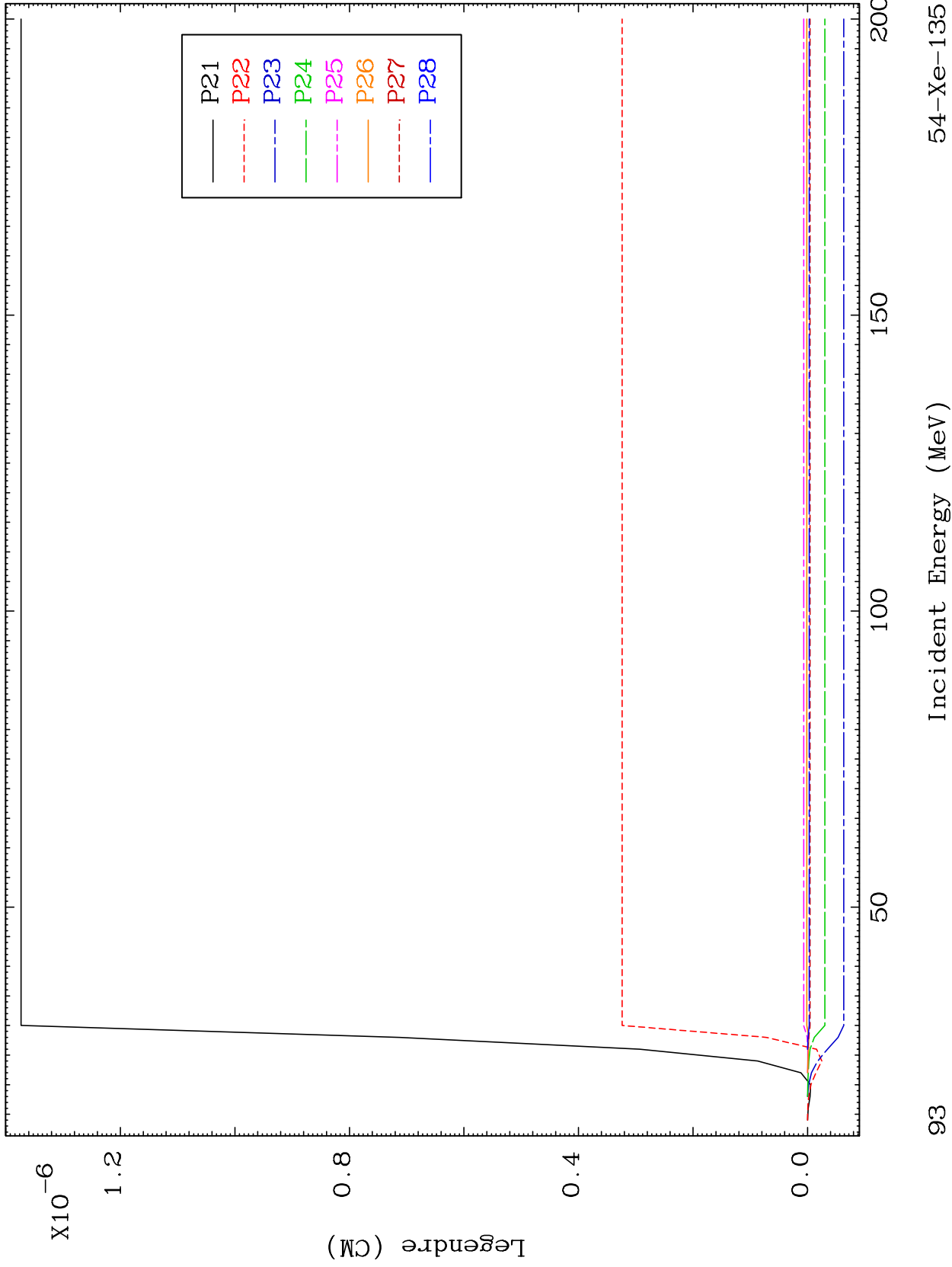
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



93

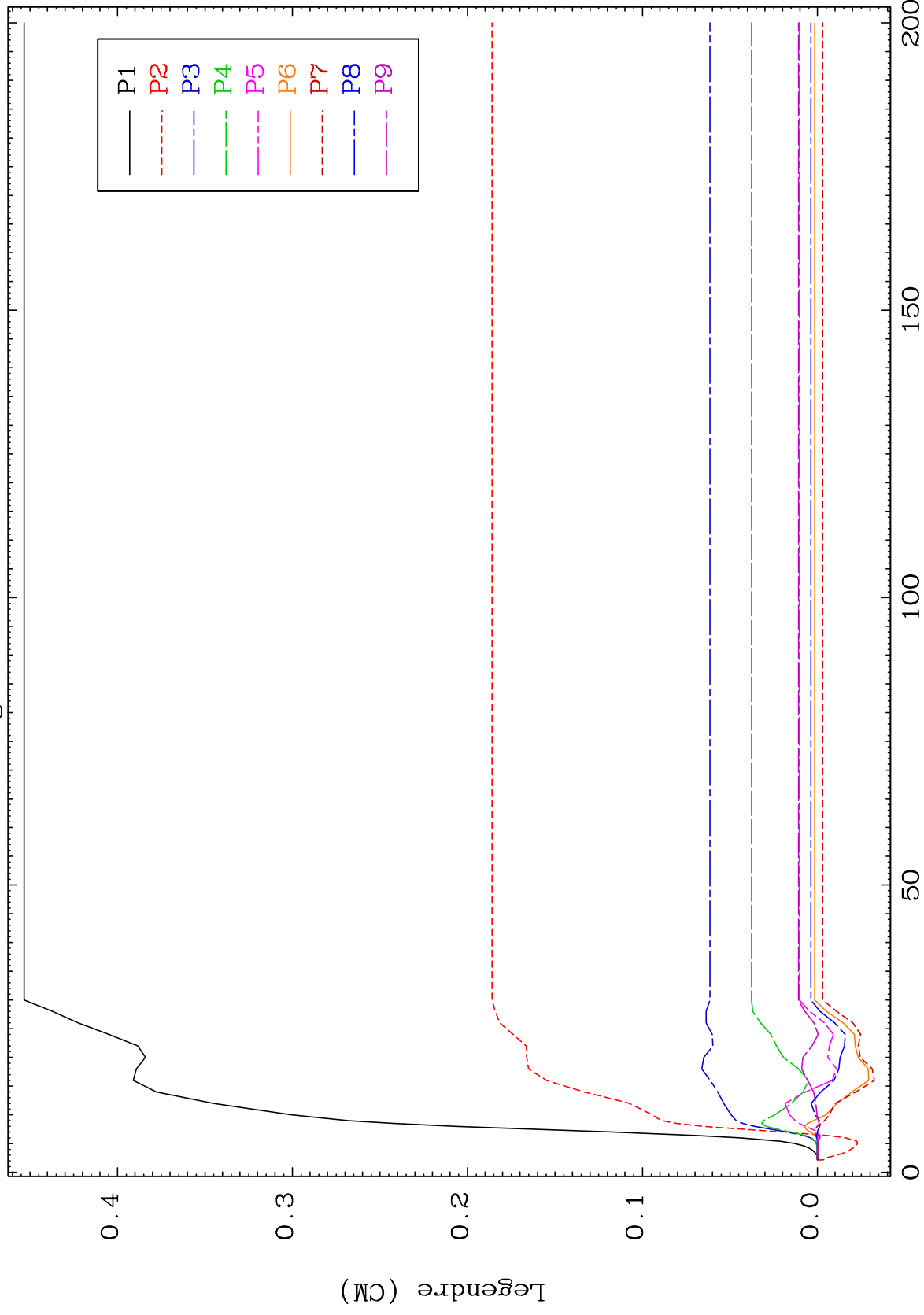
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



94

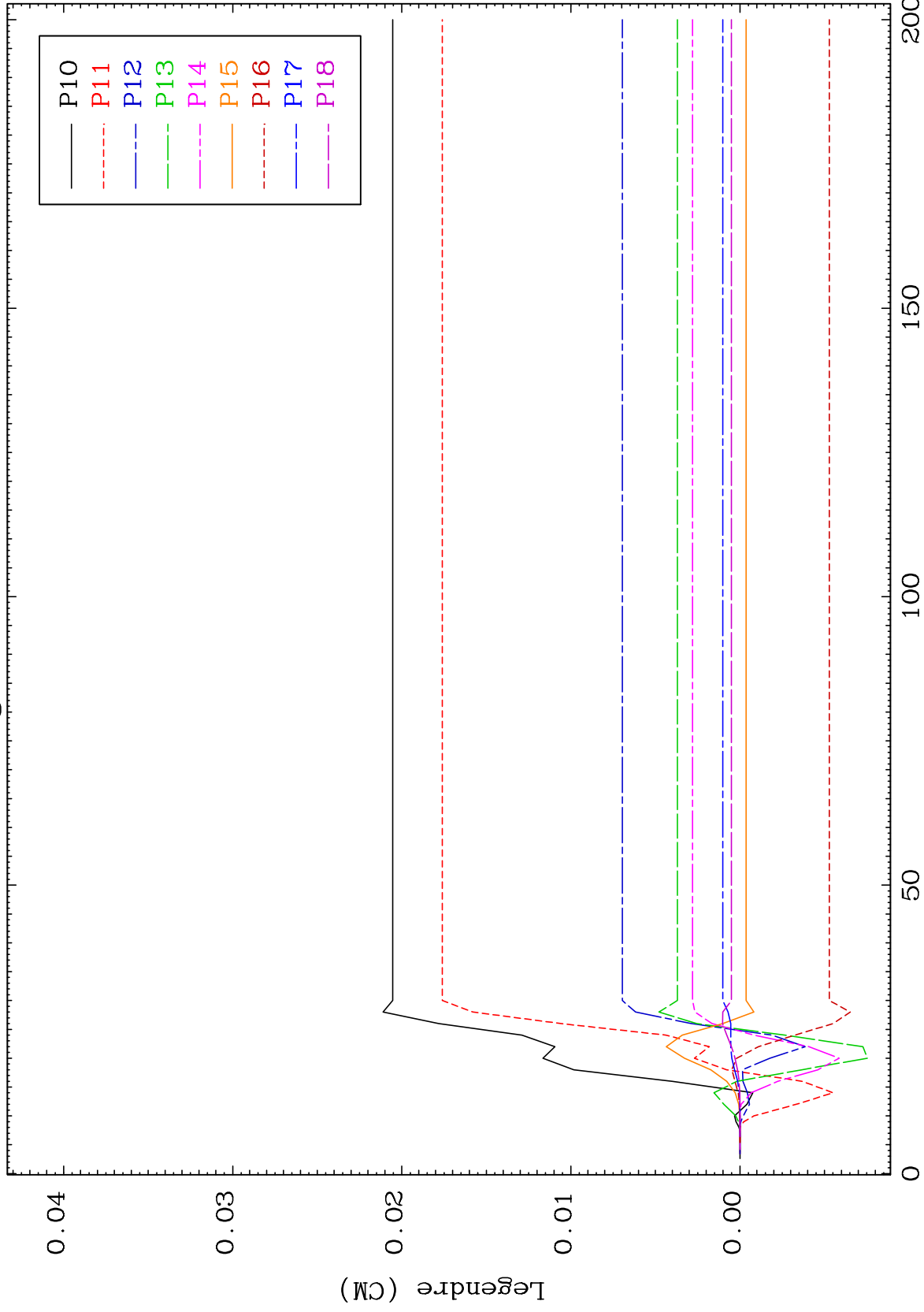
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



95

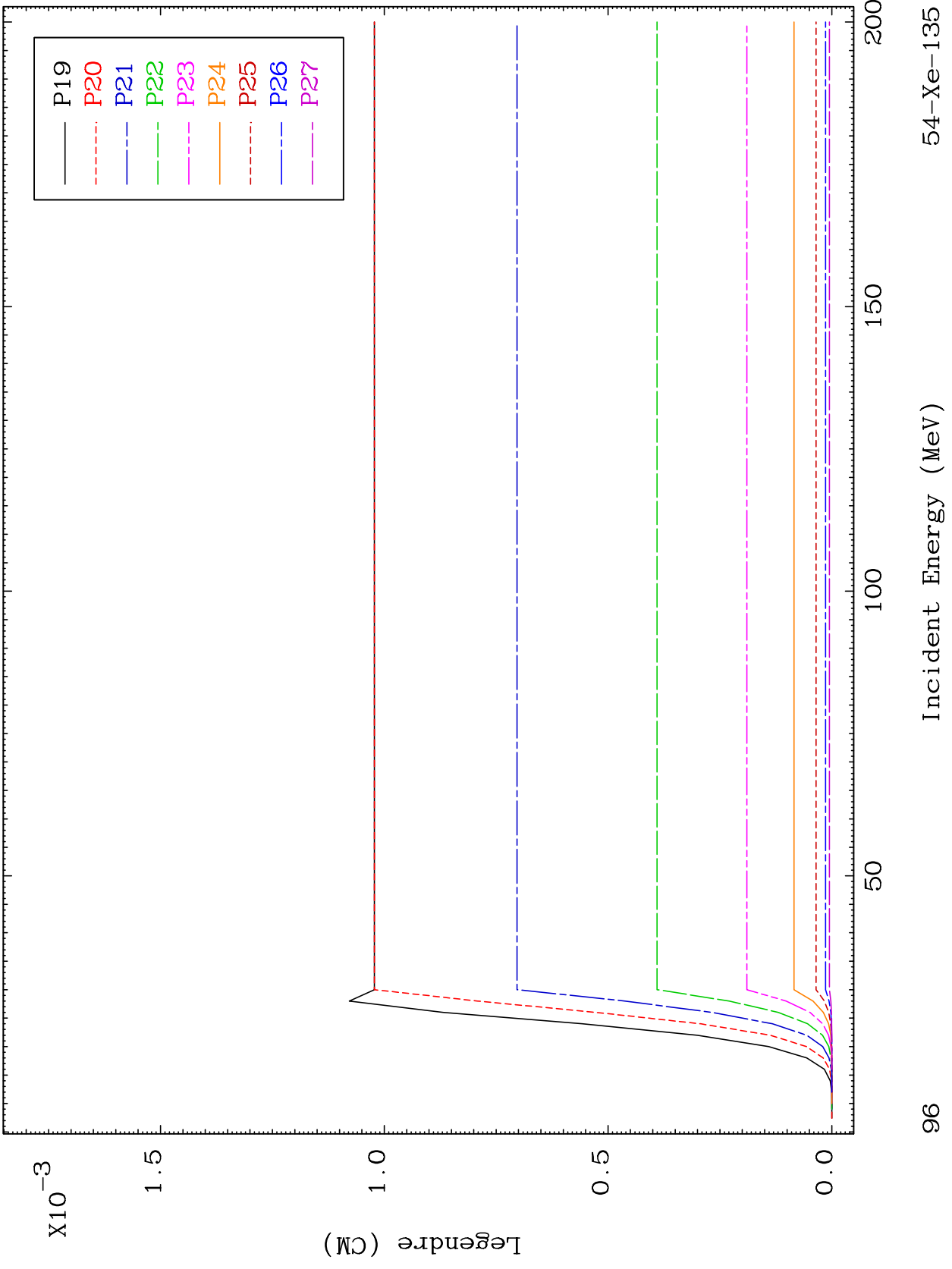
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

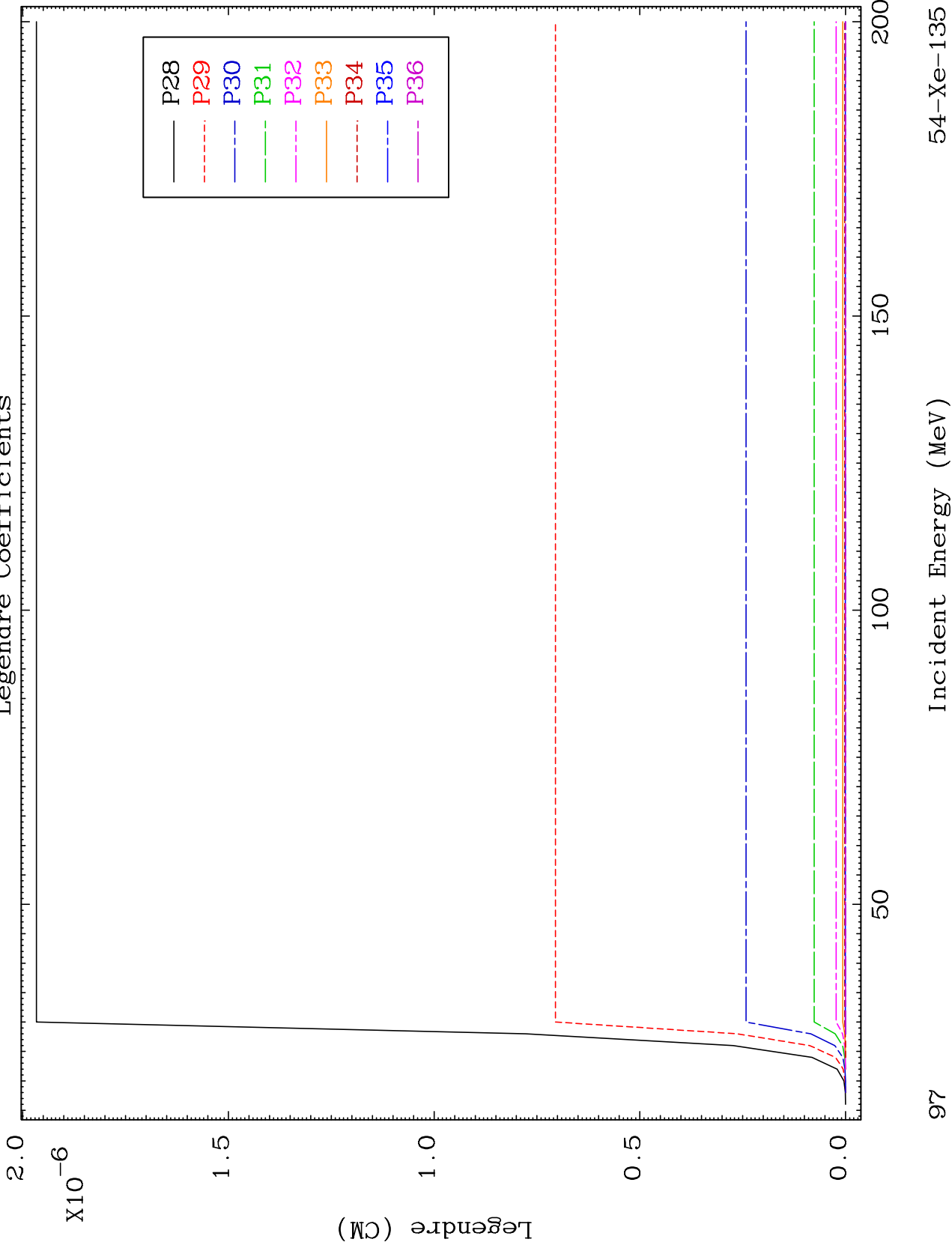
54-Xe-135



MAT 5458

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

54-Xe-135



97

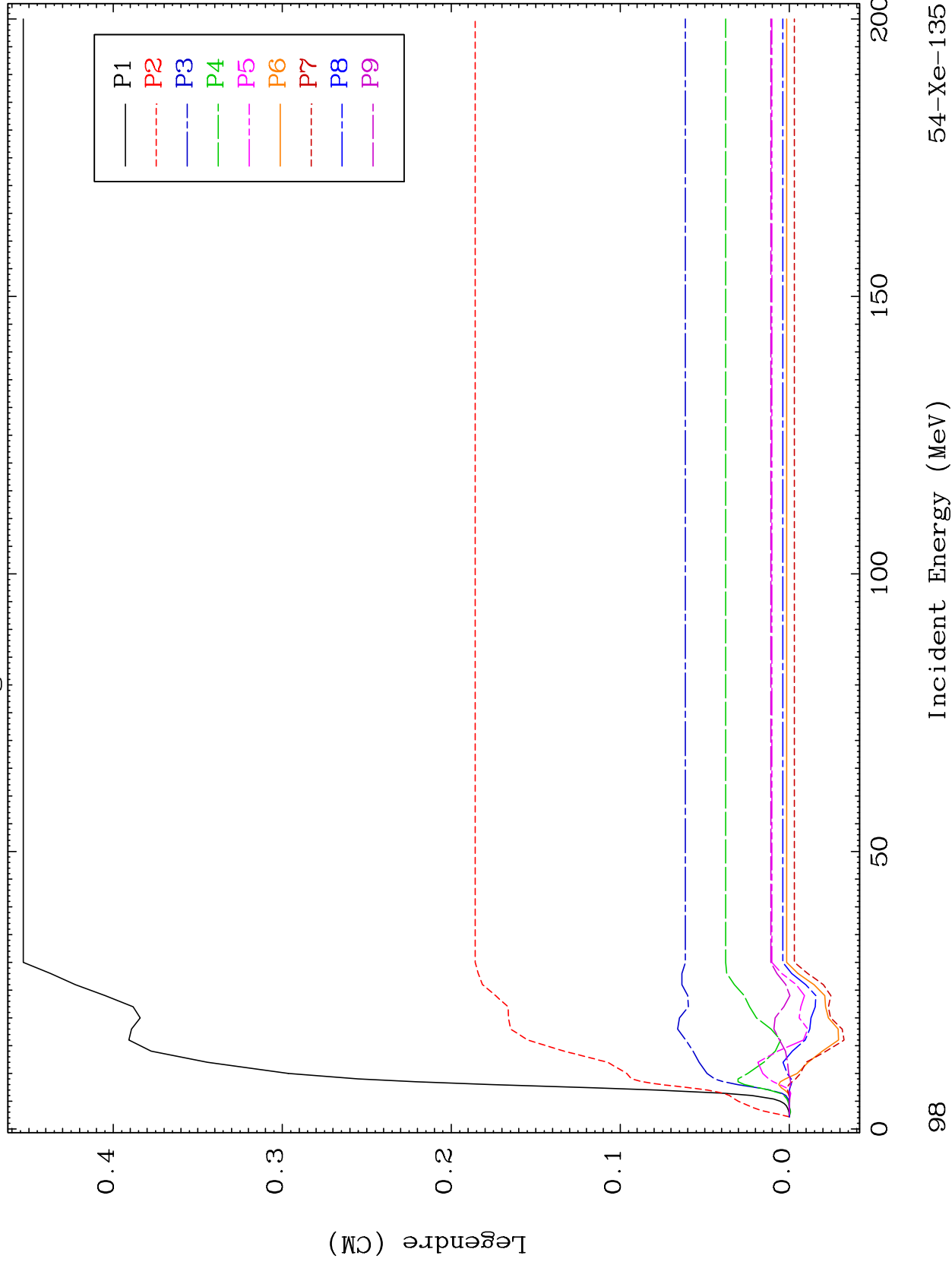
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

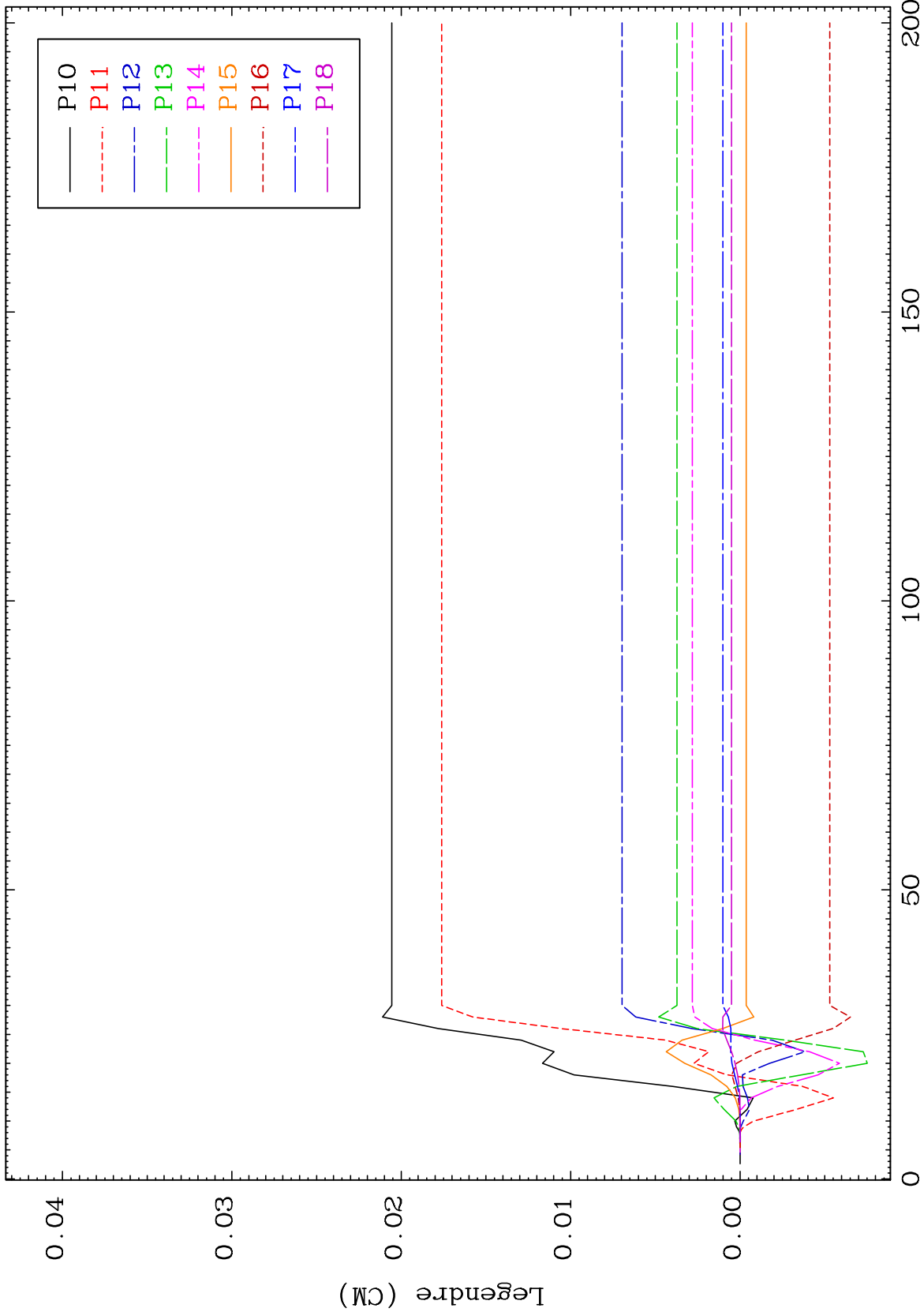
Incident Energy (MeV)

98

MAT 5458

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

54-Xe-135



99

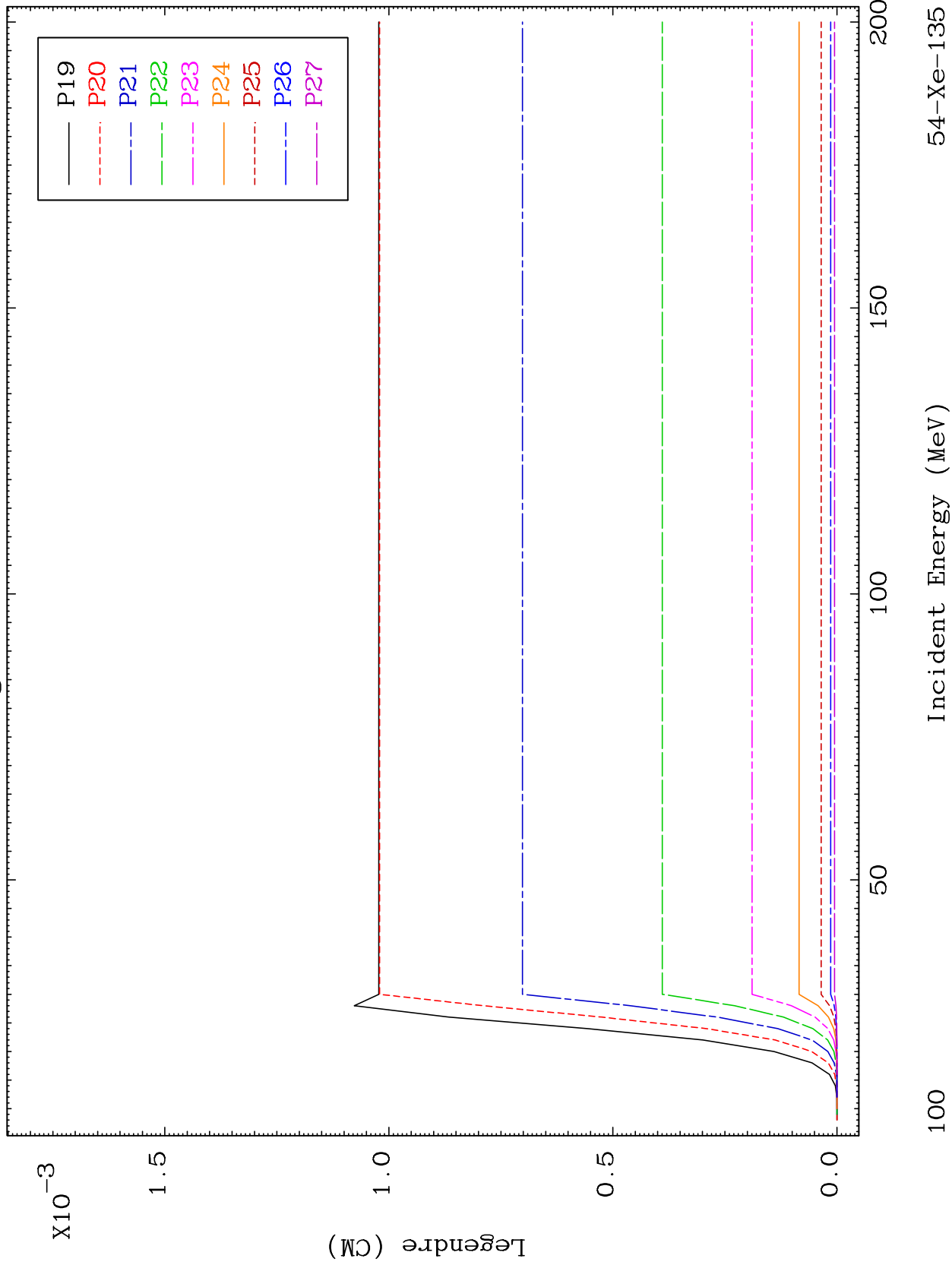
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

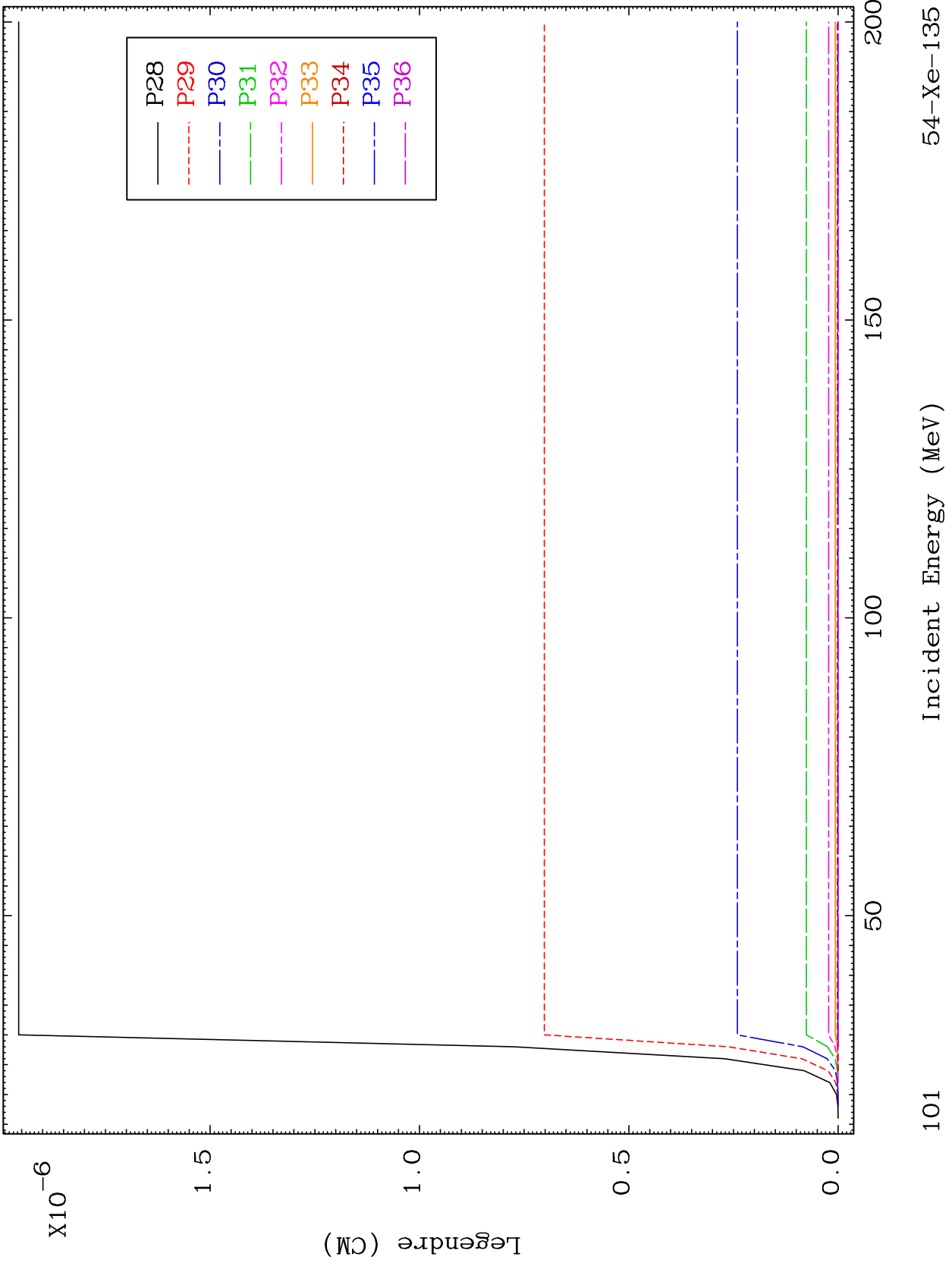
54-Xe-135



MAT 5458

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

54-Xe-135



101

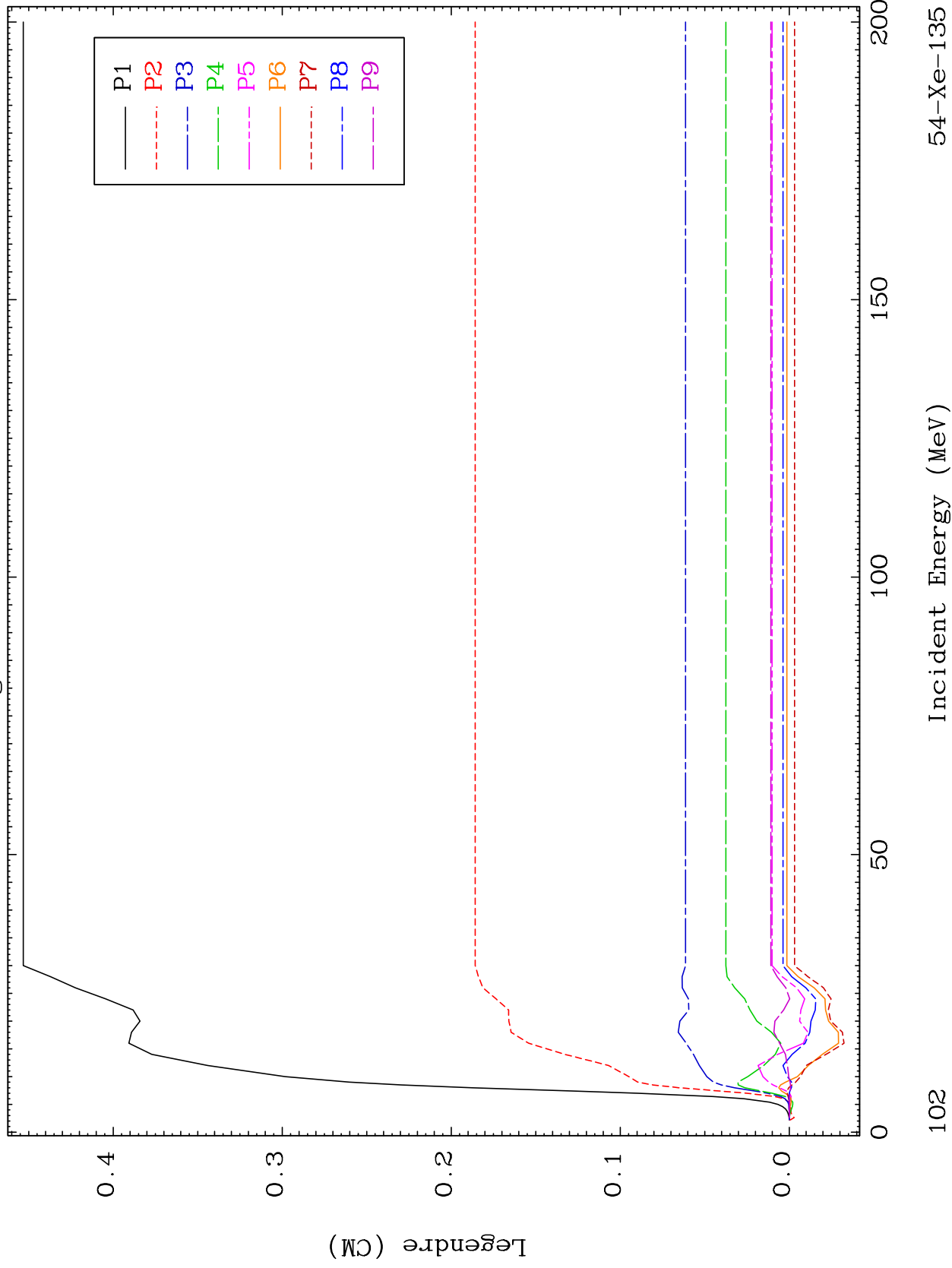
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

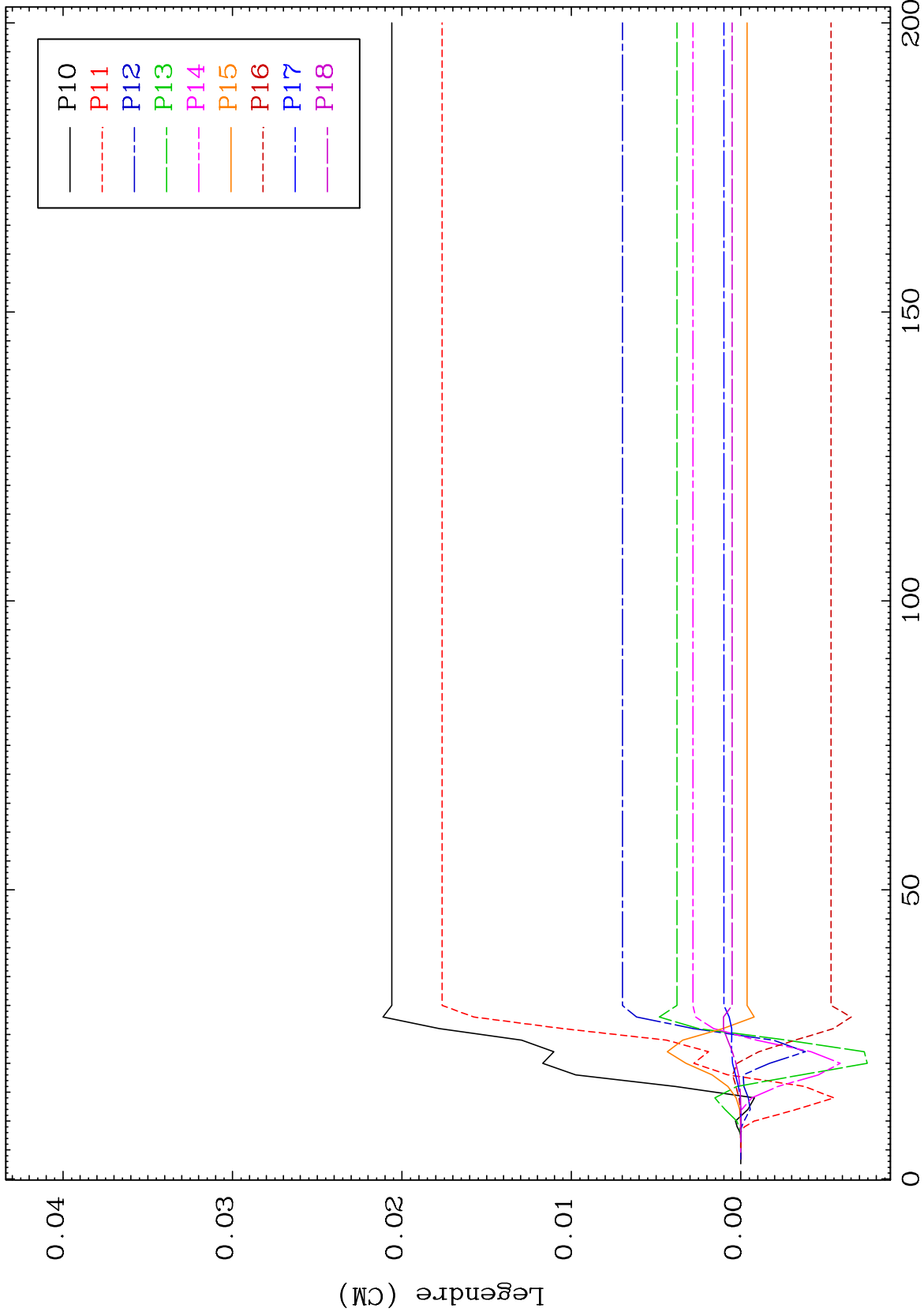
Incident Energy (MeV)

102

MAT 5458

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

54-Xe-135



103

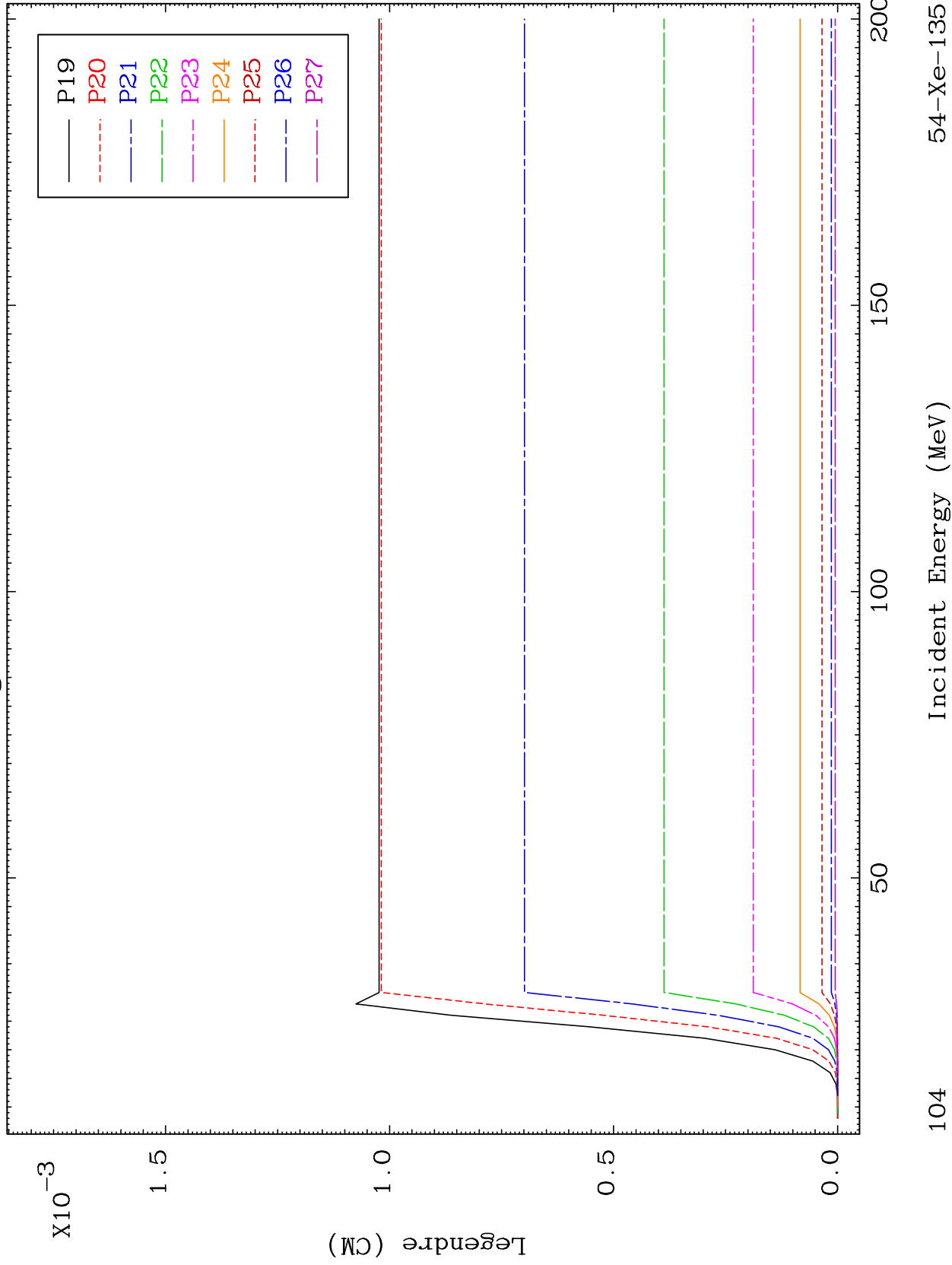
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



104

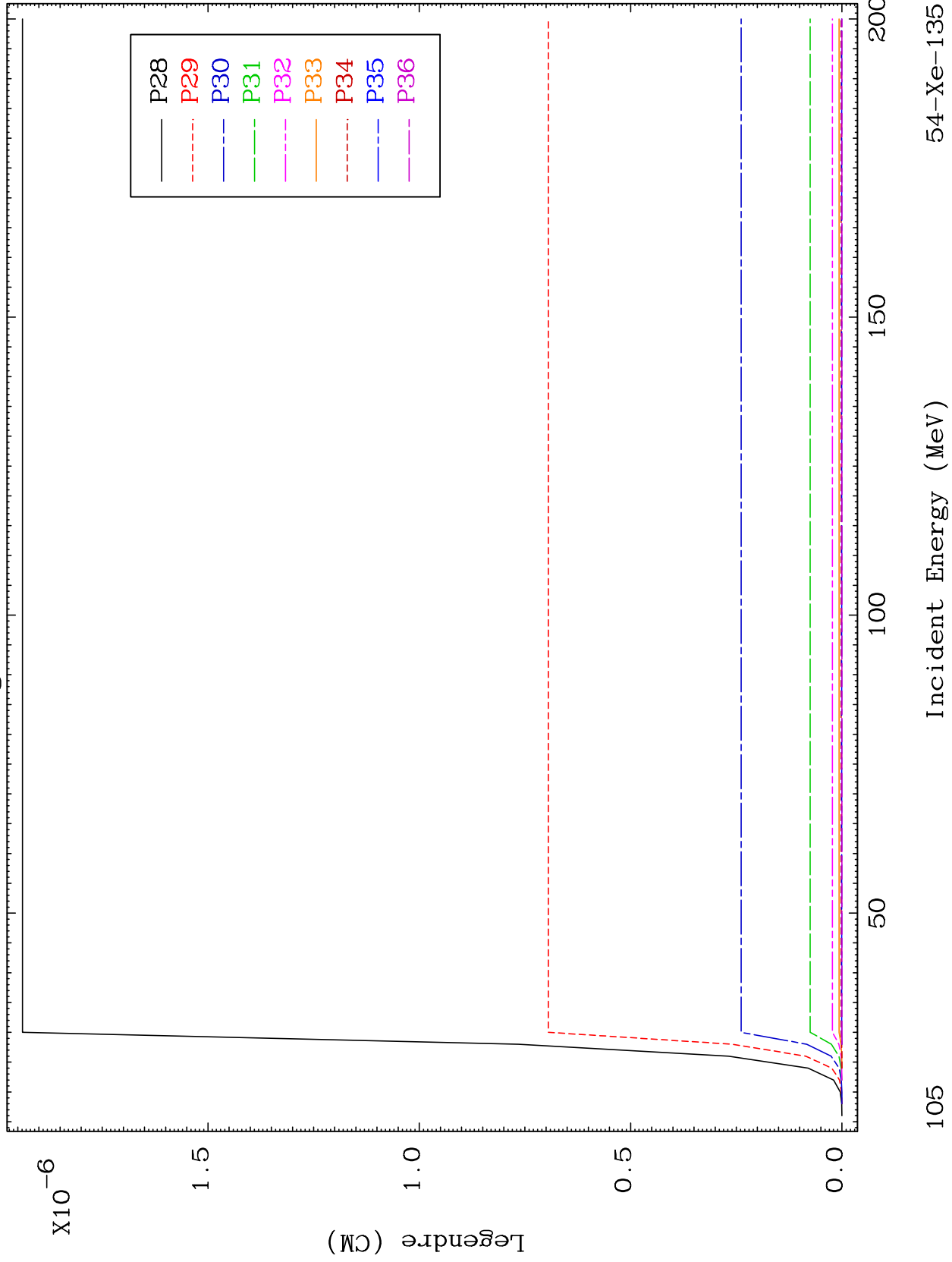
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

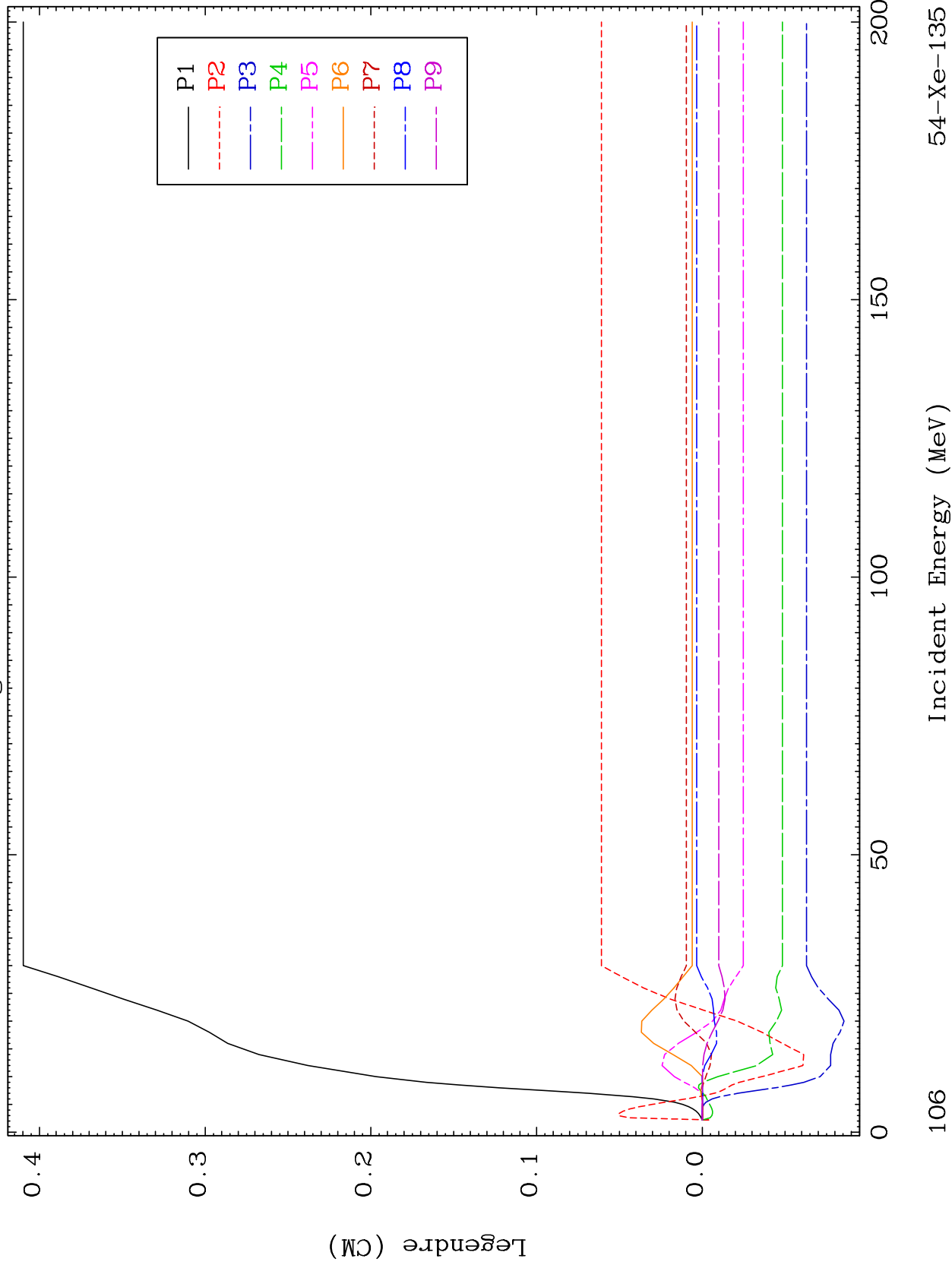
54-Xe-135



MAT 5458

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

54-Xe-135



54-Xe-135

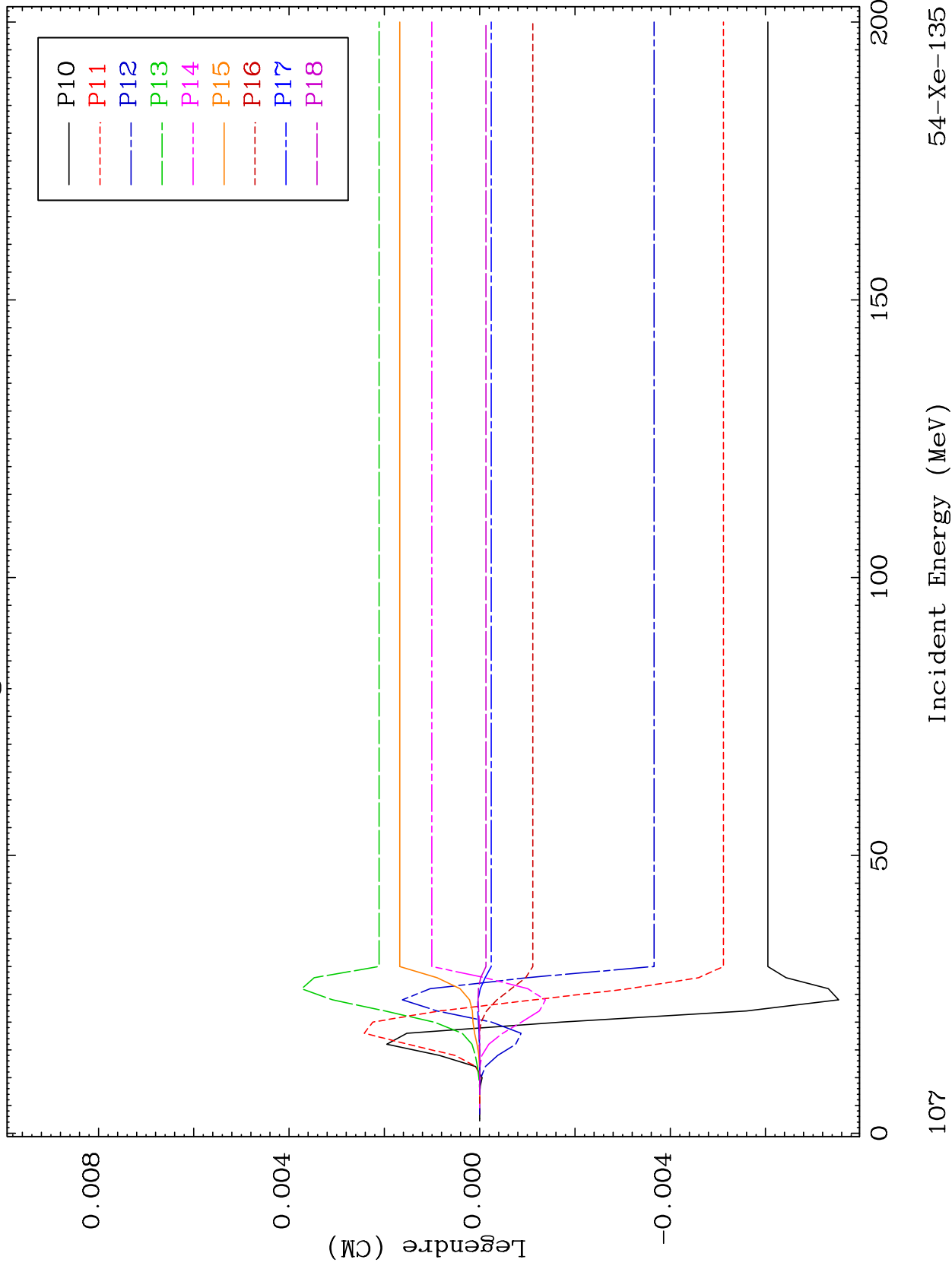
Incident Energy (MeV)

106

MAT 5458

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

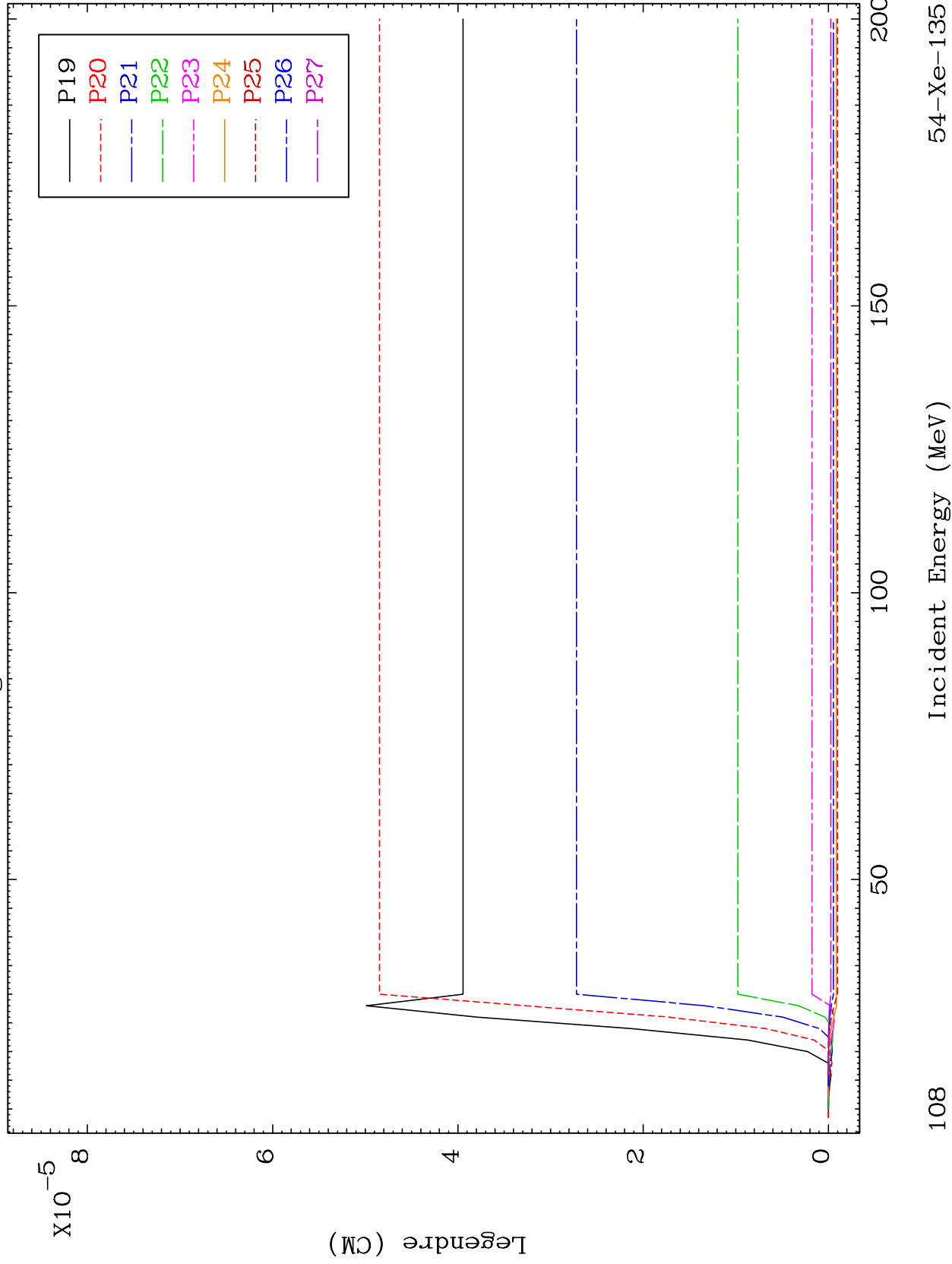
54-Xe-135



MAT 5458

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

54-Xe-135

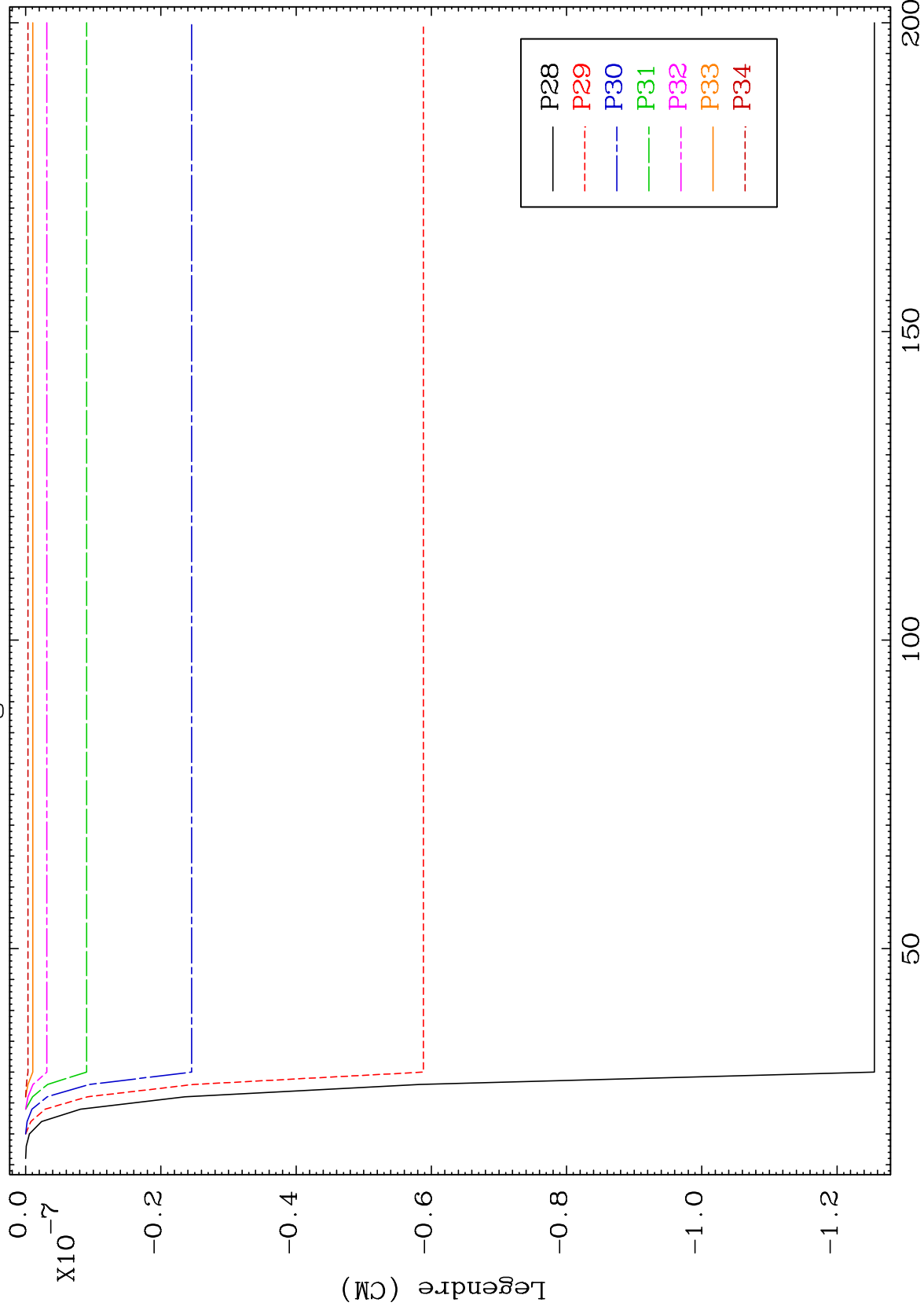


MAT 5458

MT= 73 (n,n') Level

54-Xe-135

Legendre Coefficients



109

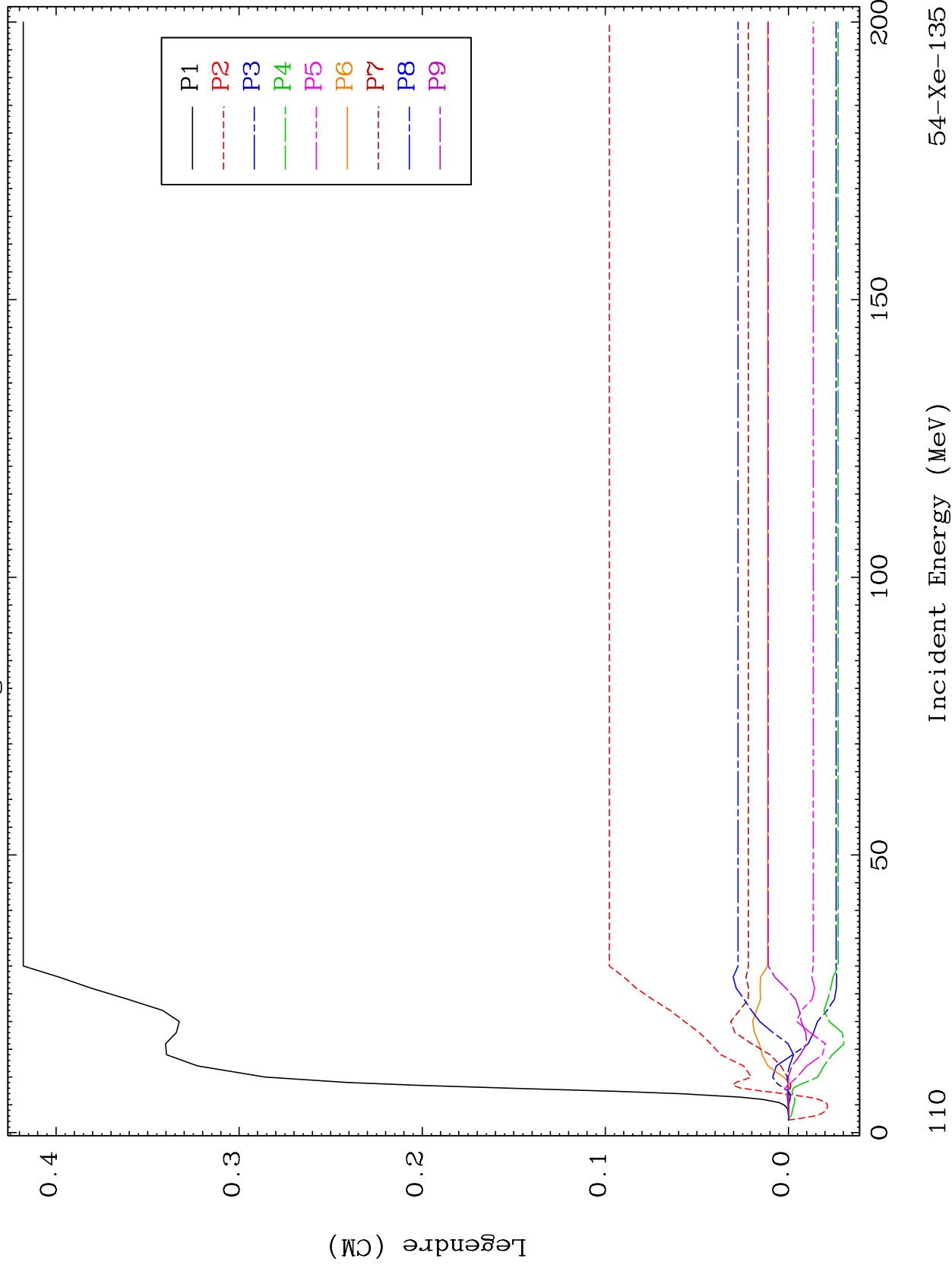
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

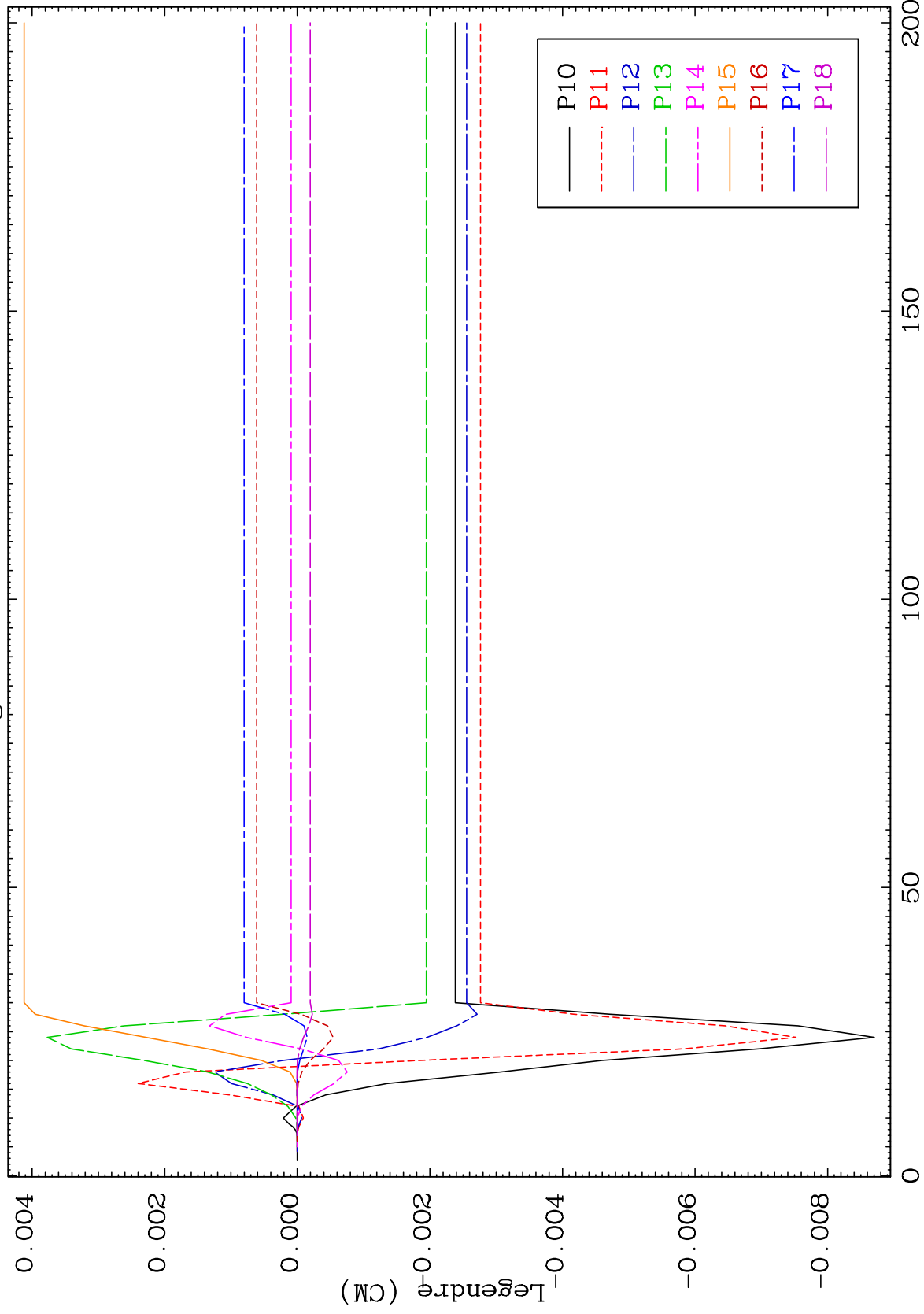
Incident Energy (MeV)

110

MAT 5458

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

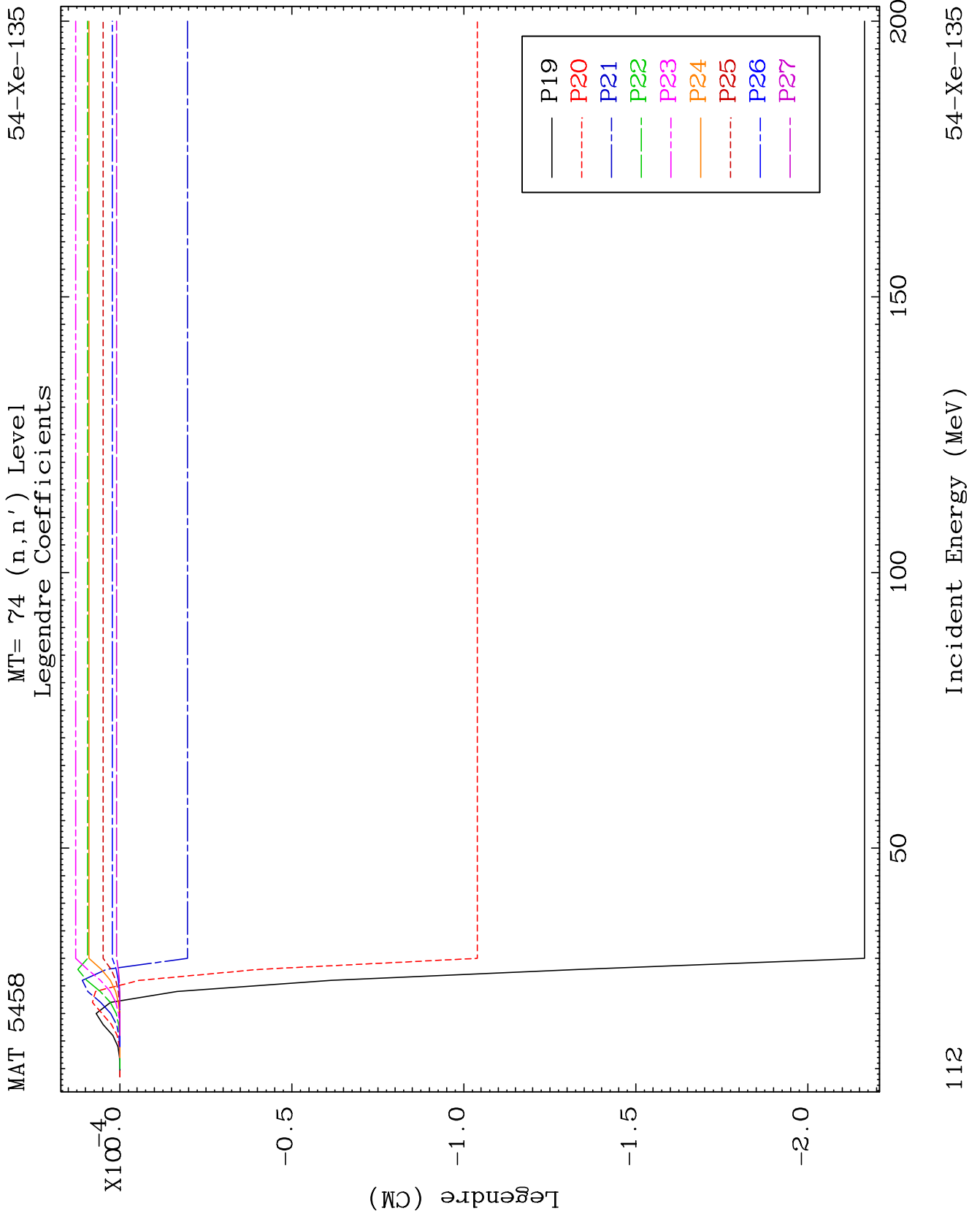
54-Xe-135



111

Incident Energy (MeV)

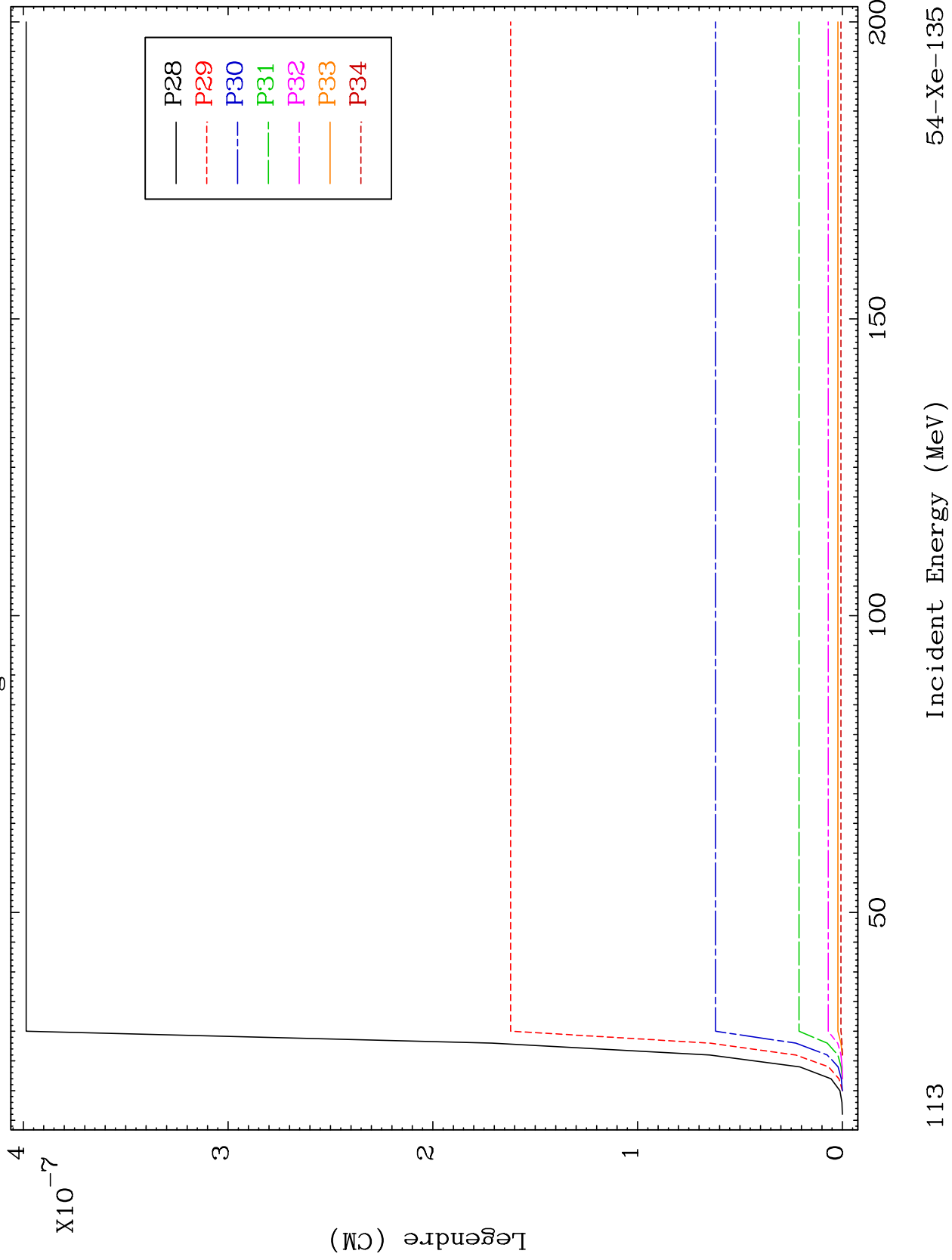
54-Xe-135



MAT 5458

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

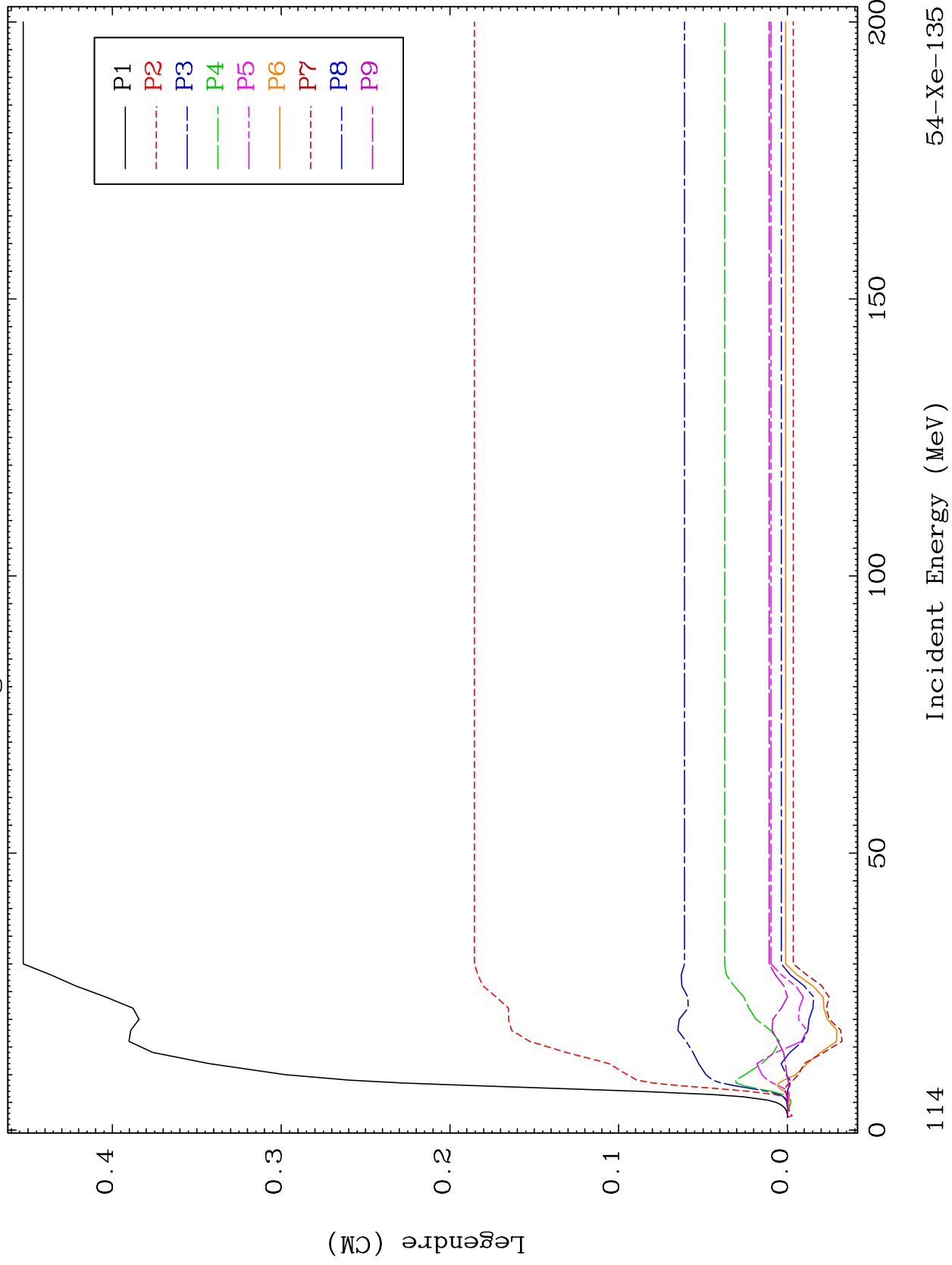
54-Xe-135



MAT 5458

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

54-Xe-135



54-Xe-135

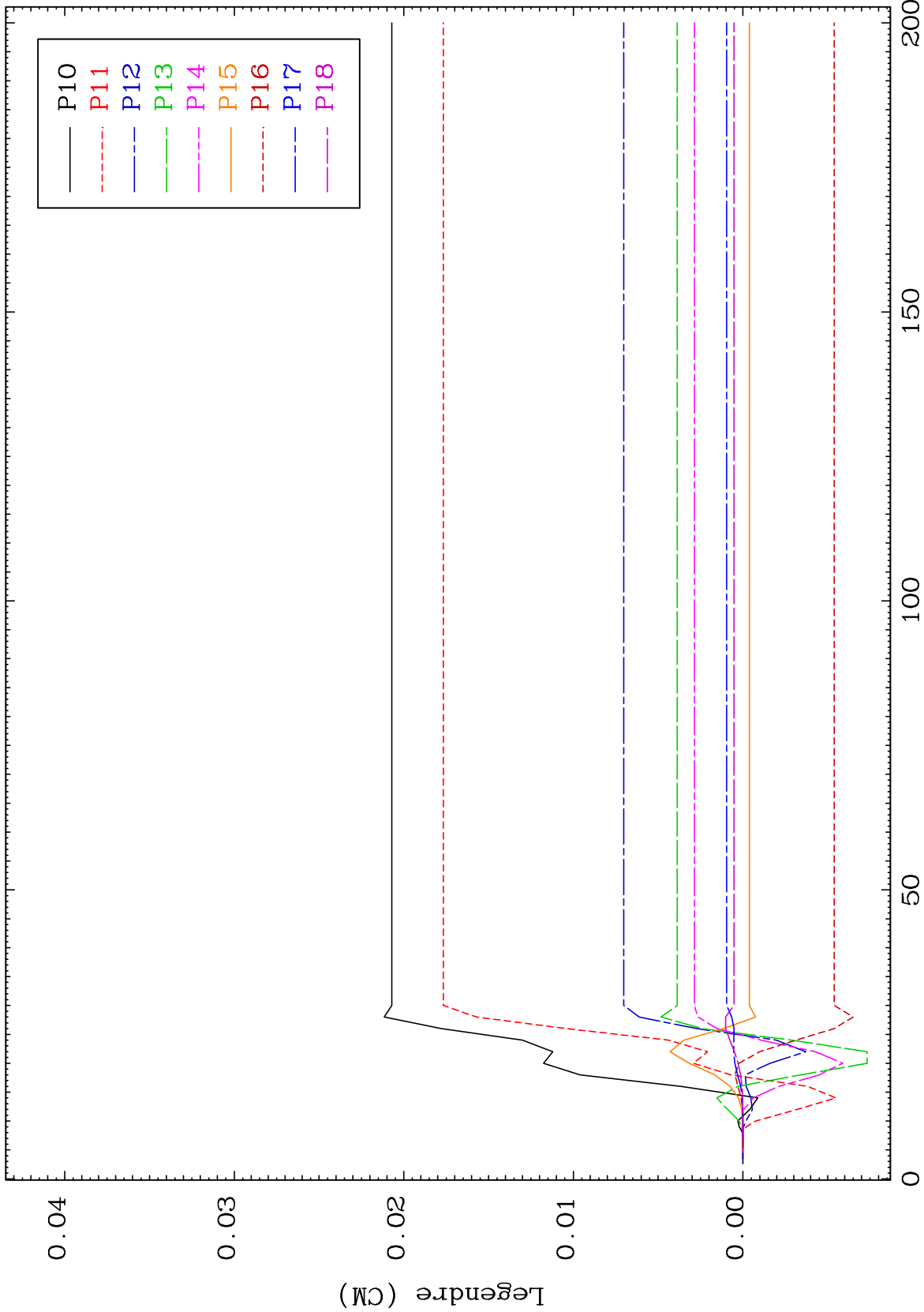
Incident Energy (MeV)

114

MAT 5458

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

54-Xe-135



115

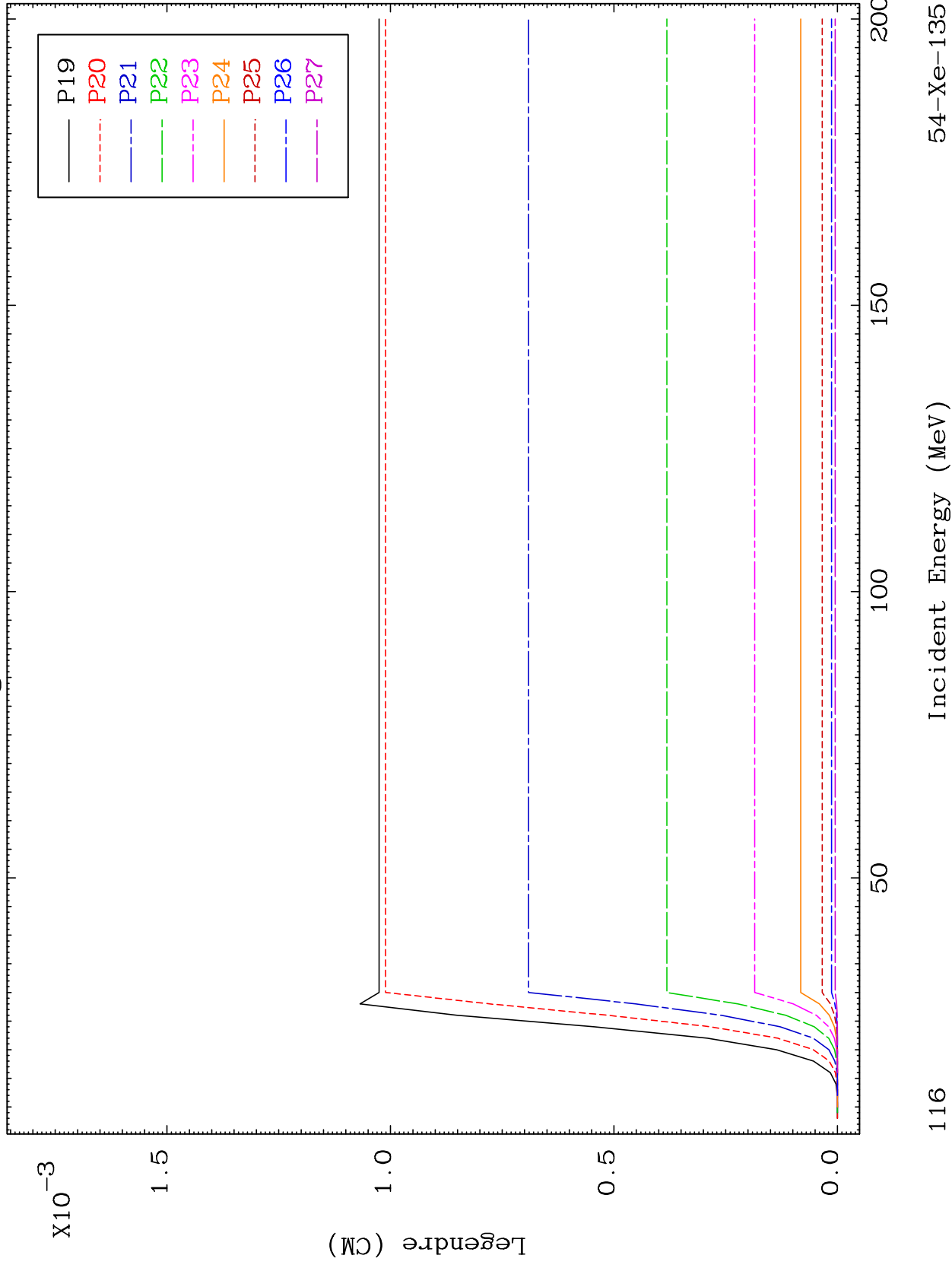
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



116

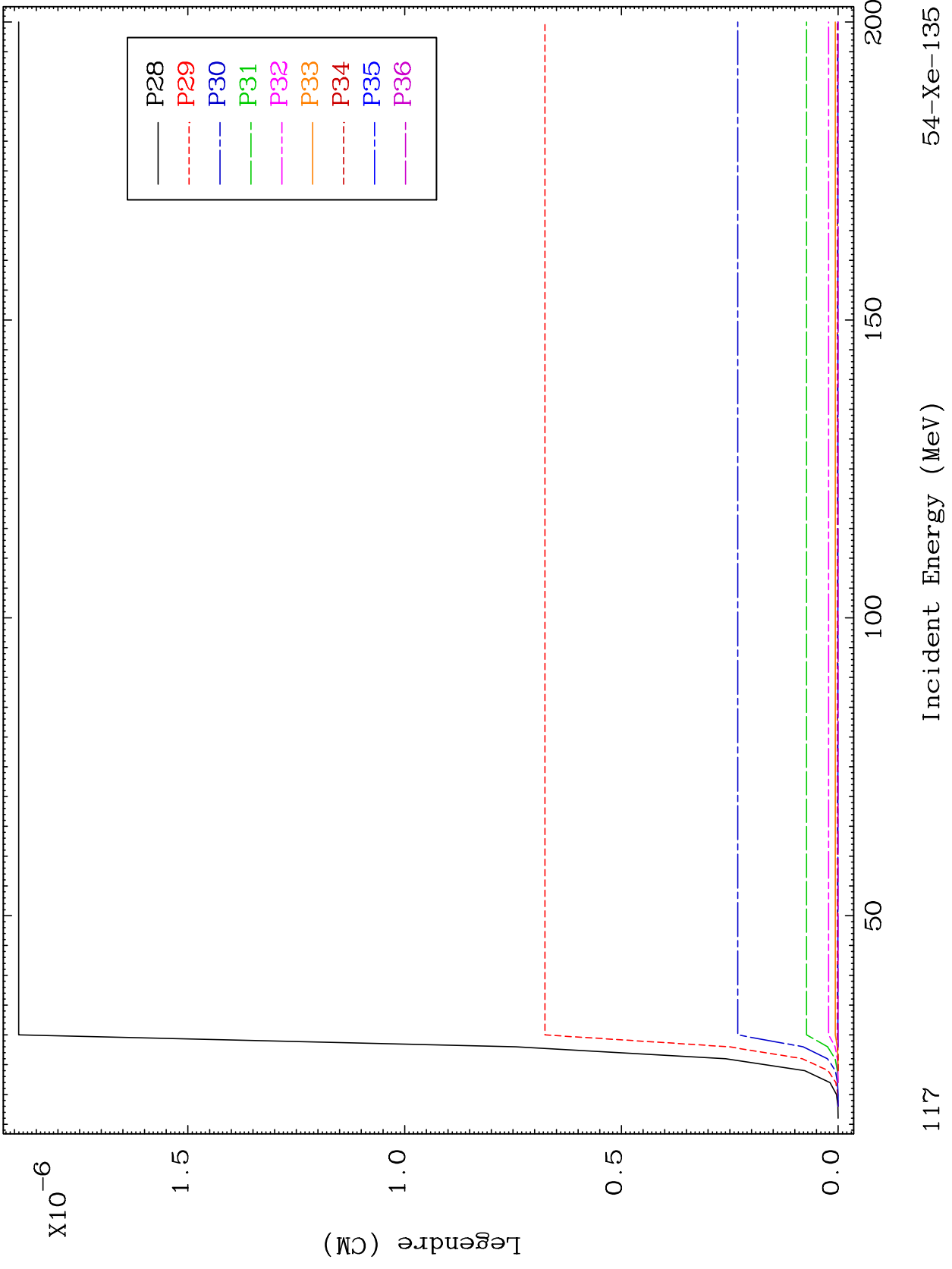
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135

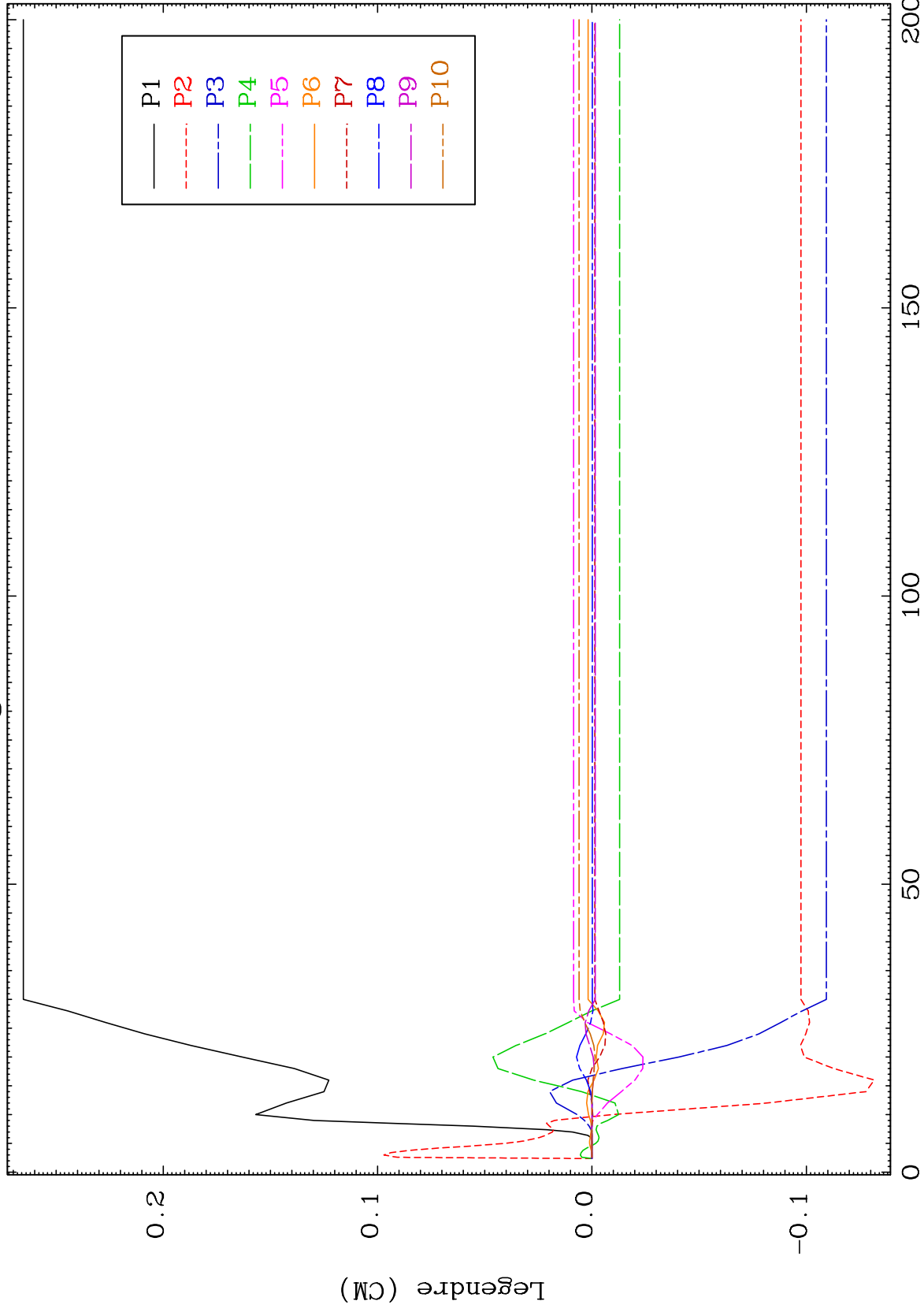


117

MAT 5458

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

54-Xe-135



118

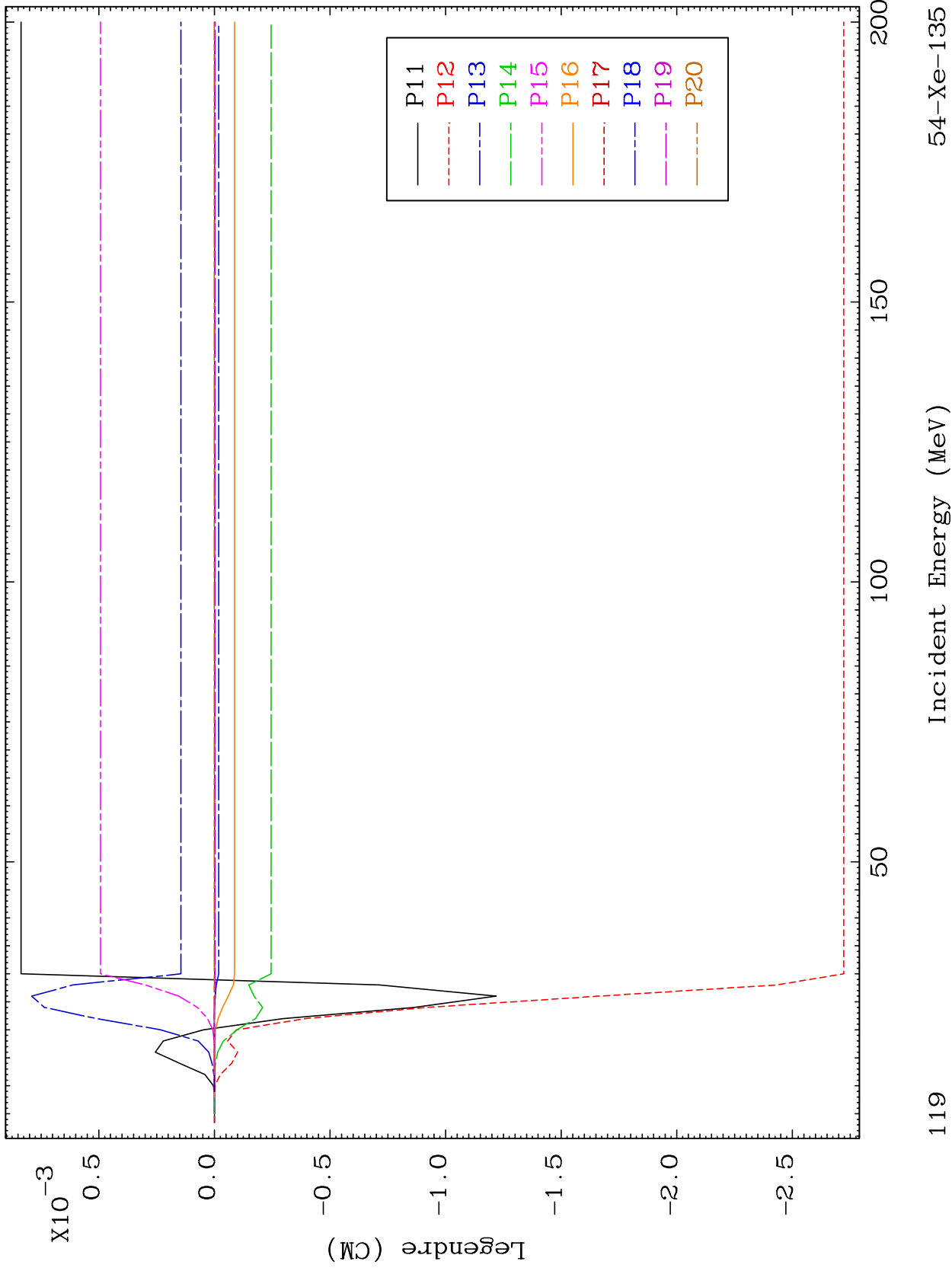
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



119

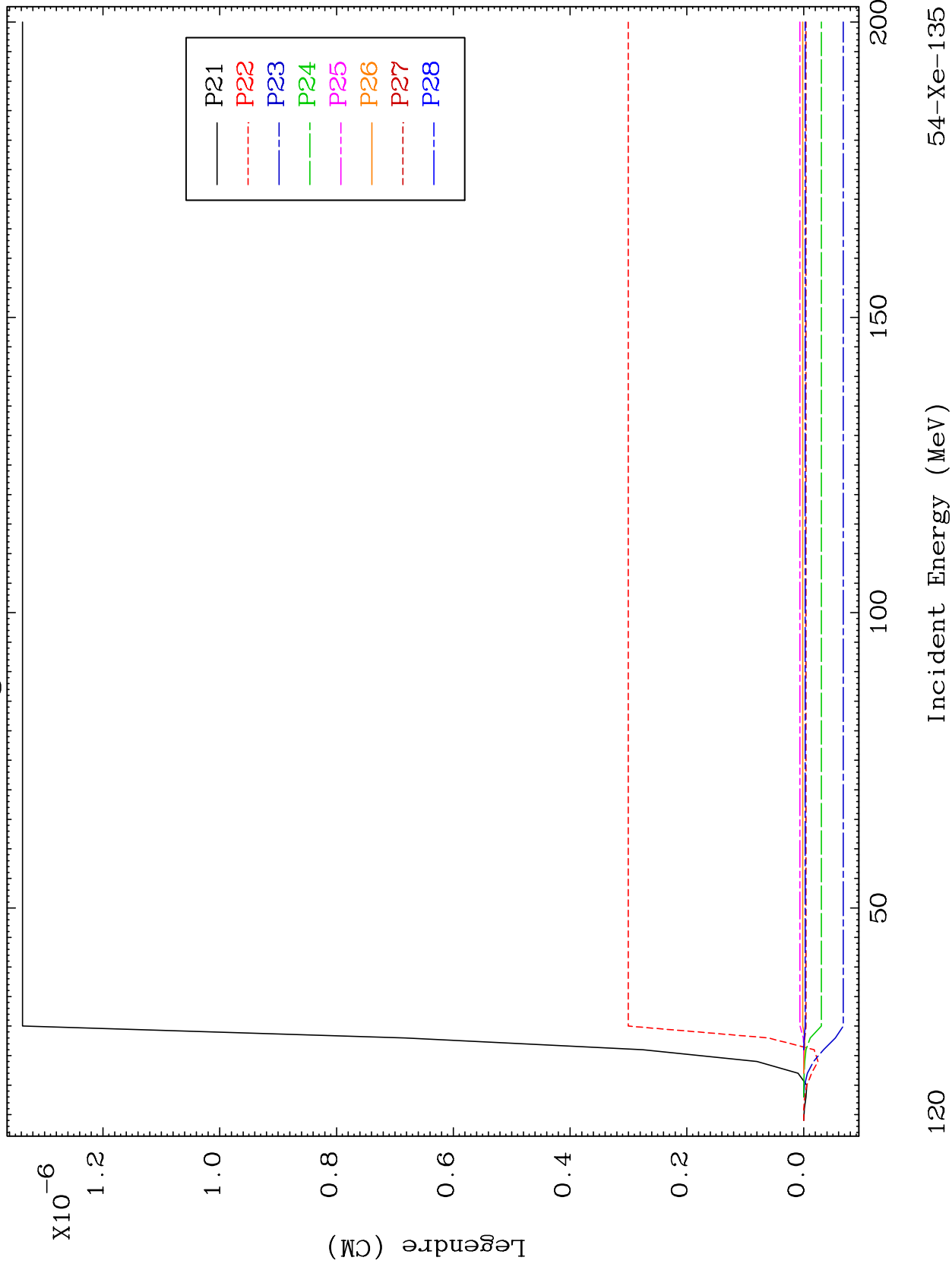
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

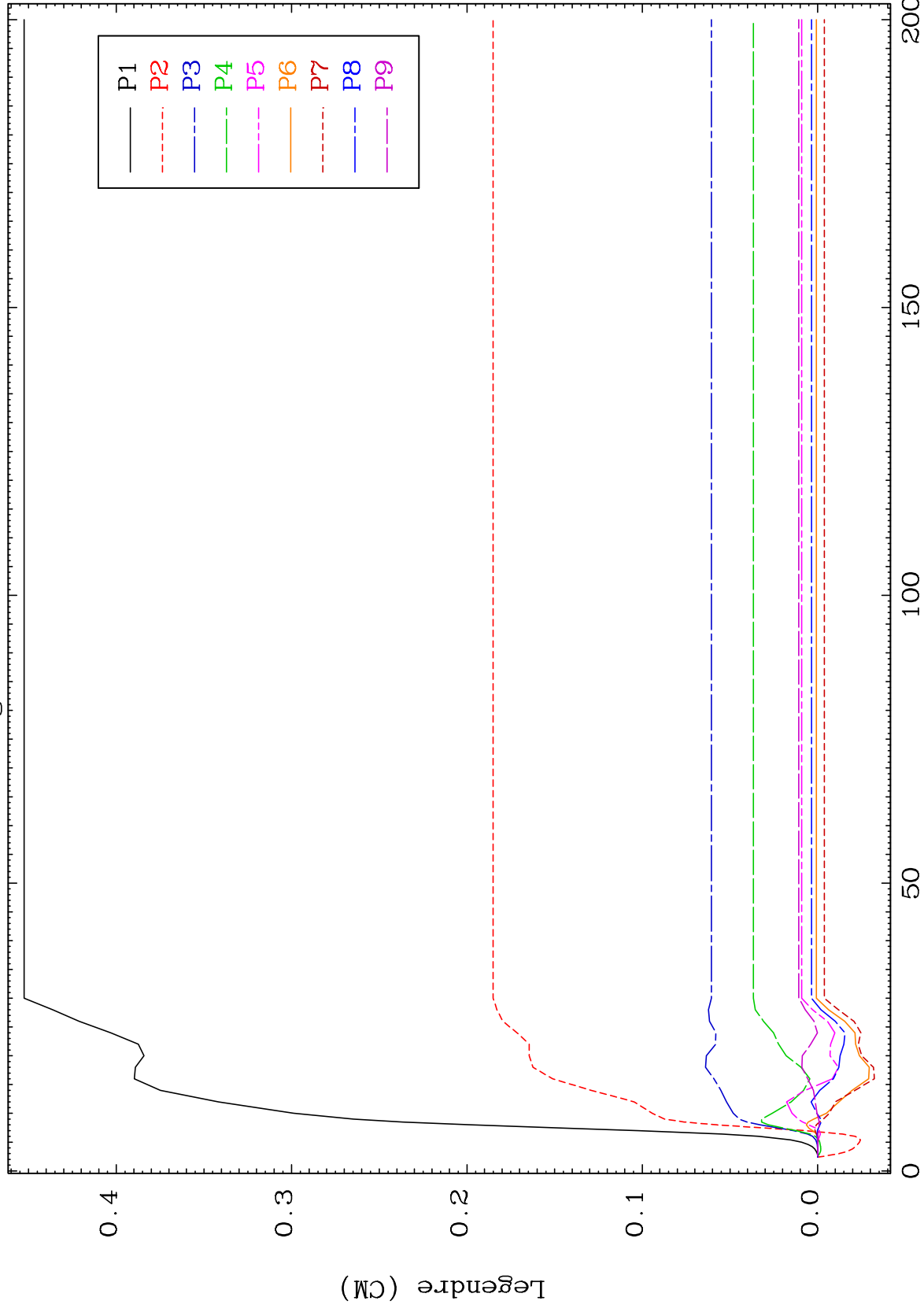
54-Xe-135



MAT 5458

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

54-Xe-135



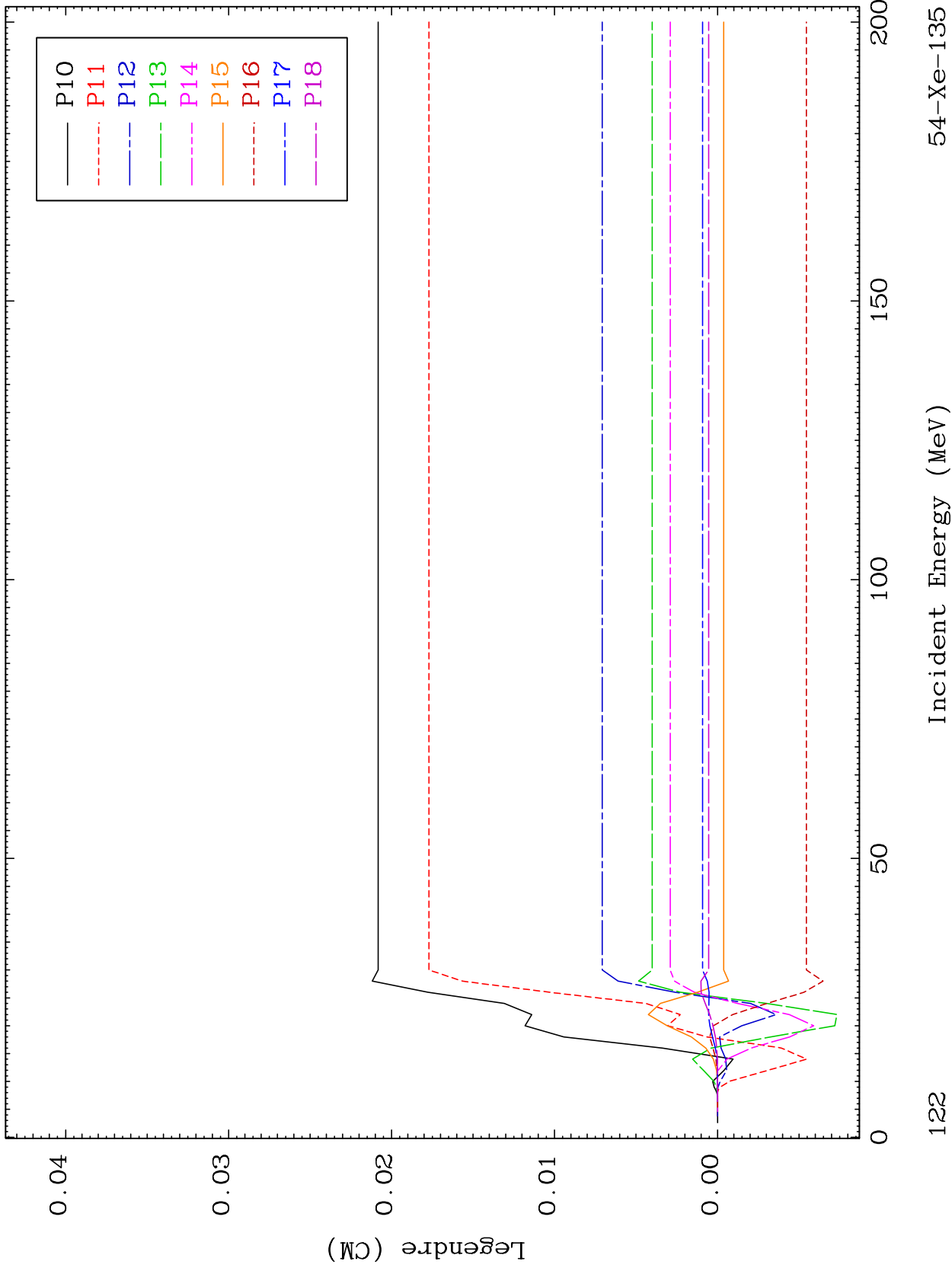
121

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

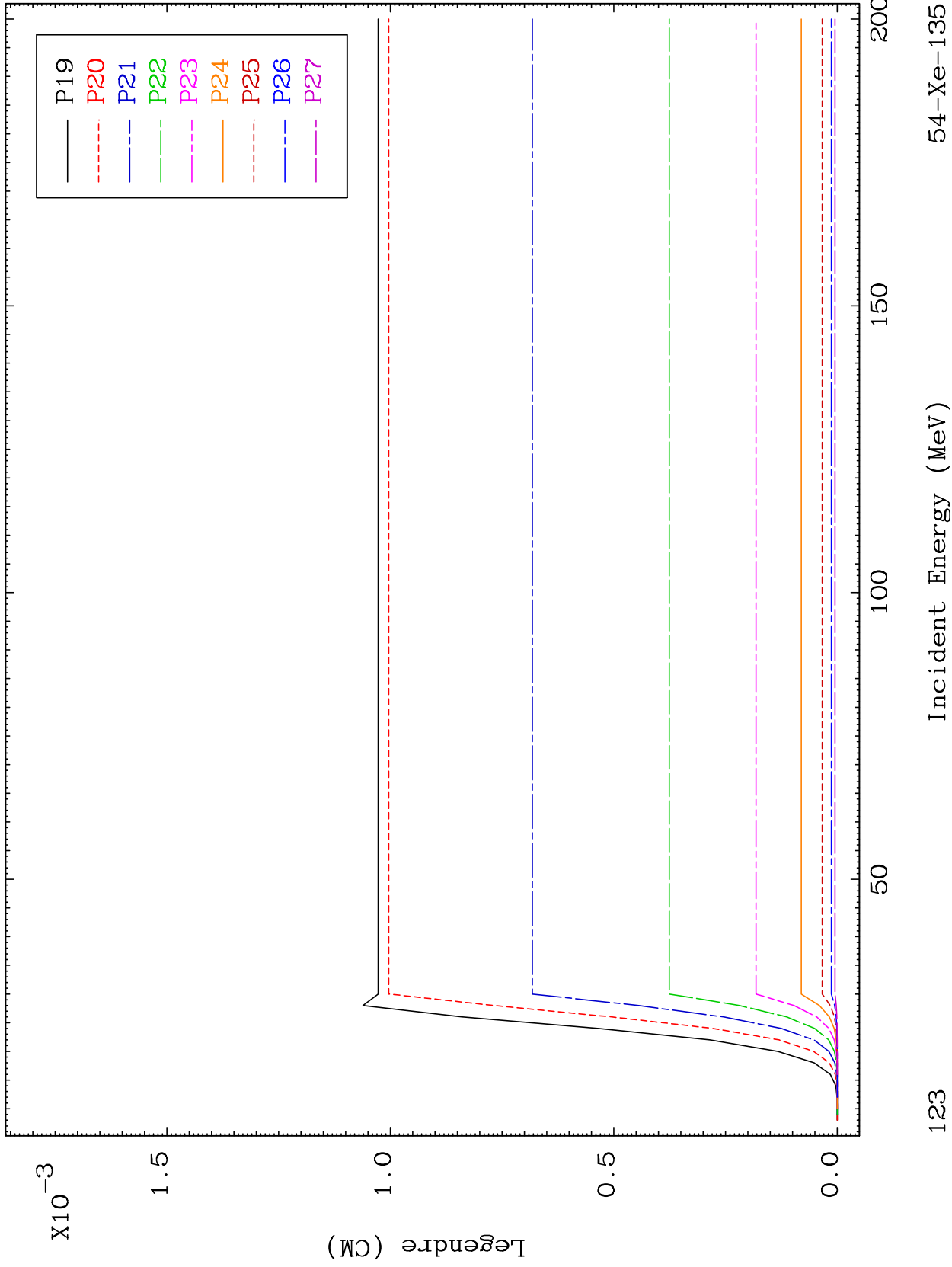
Incident Energy (MeV)

122

MAT 5458

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

54-Xe-135



123

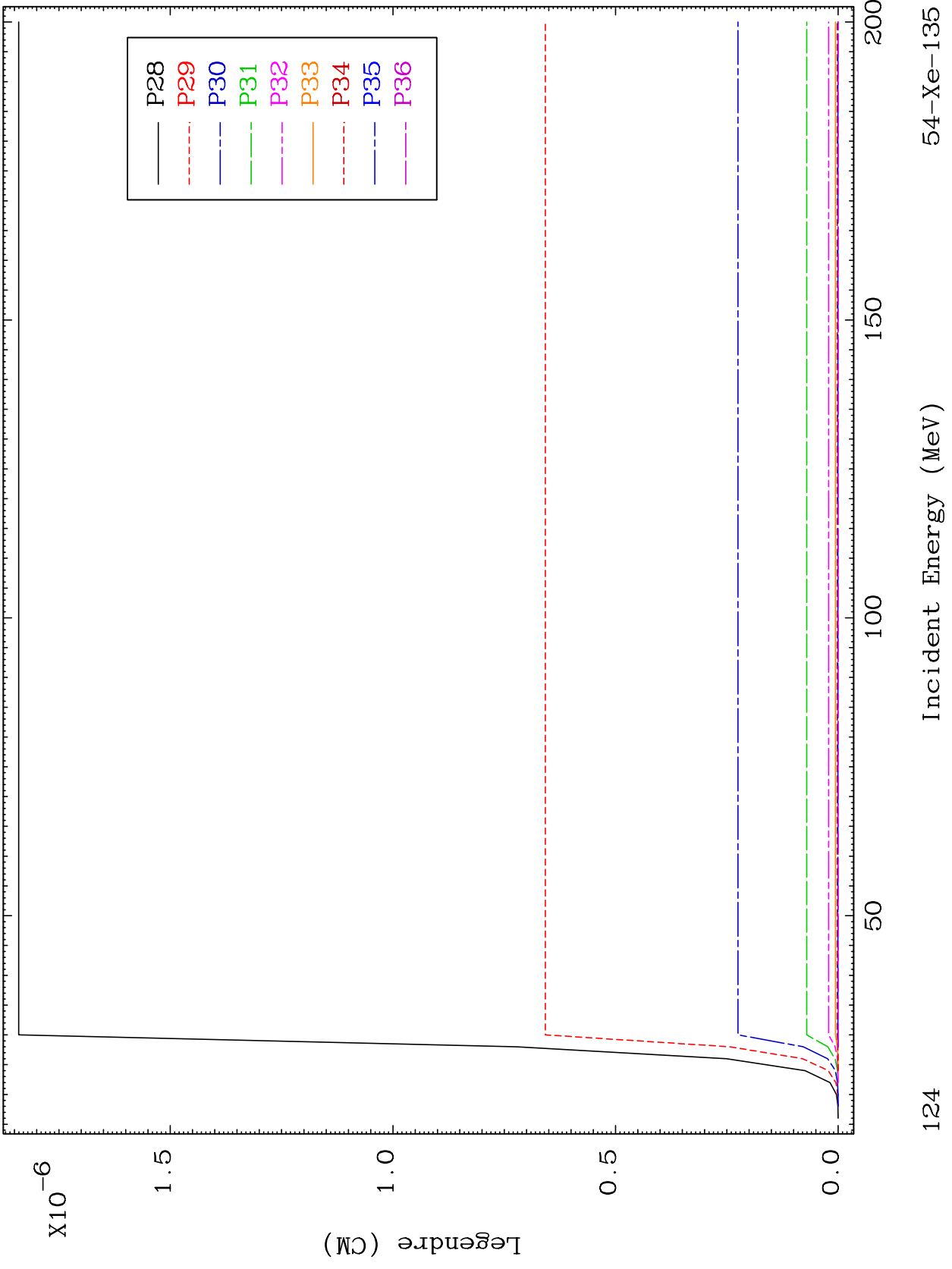
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

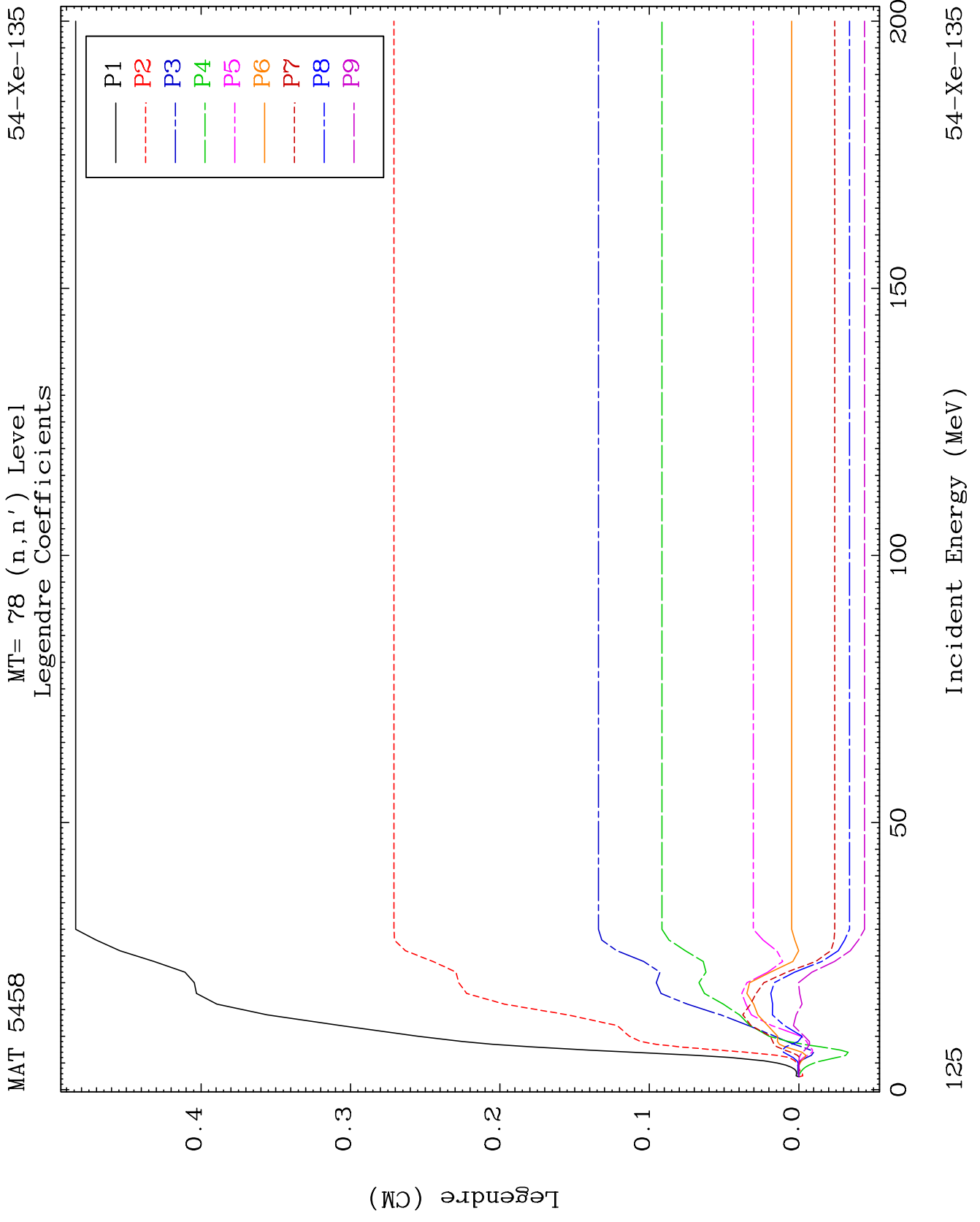
54-Xe-135



124

Incident Energy (MeV)

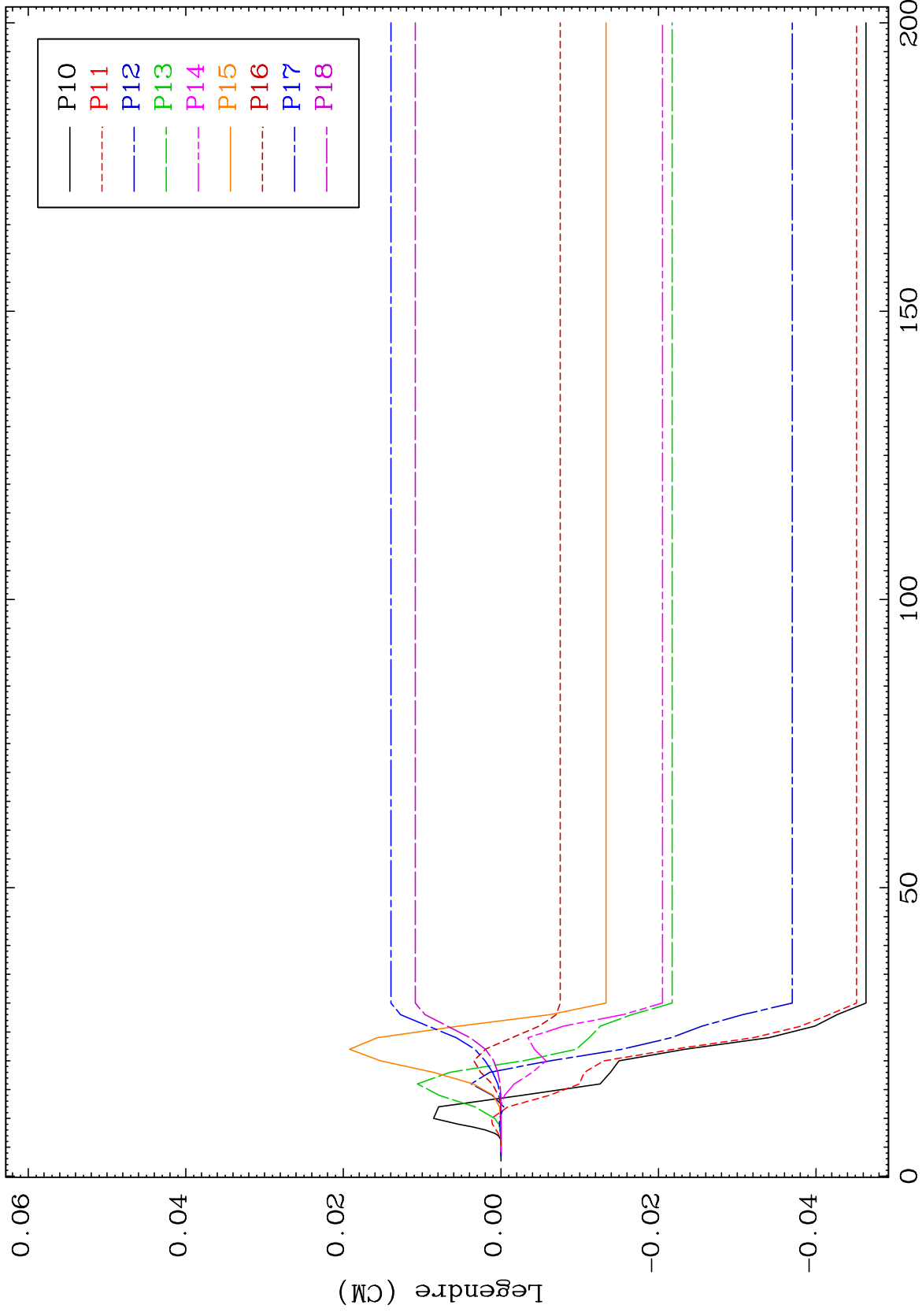
54-Xe-135



MAT 5458

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

54-Xe-135



126

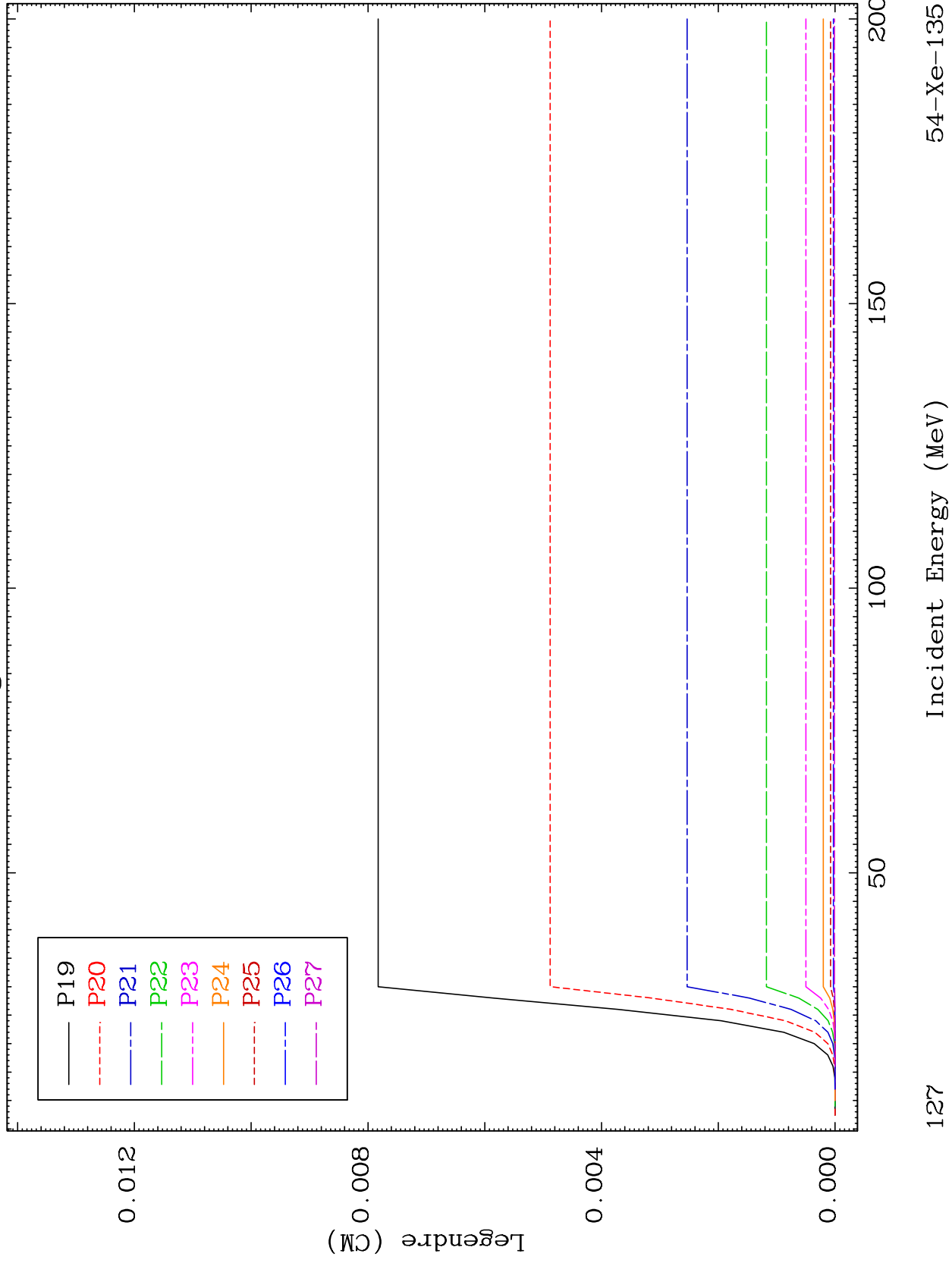
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



127

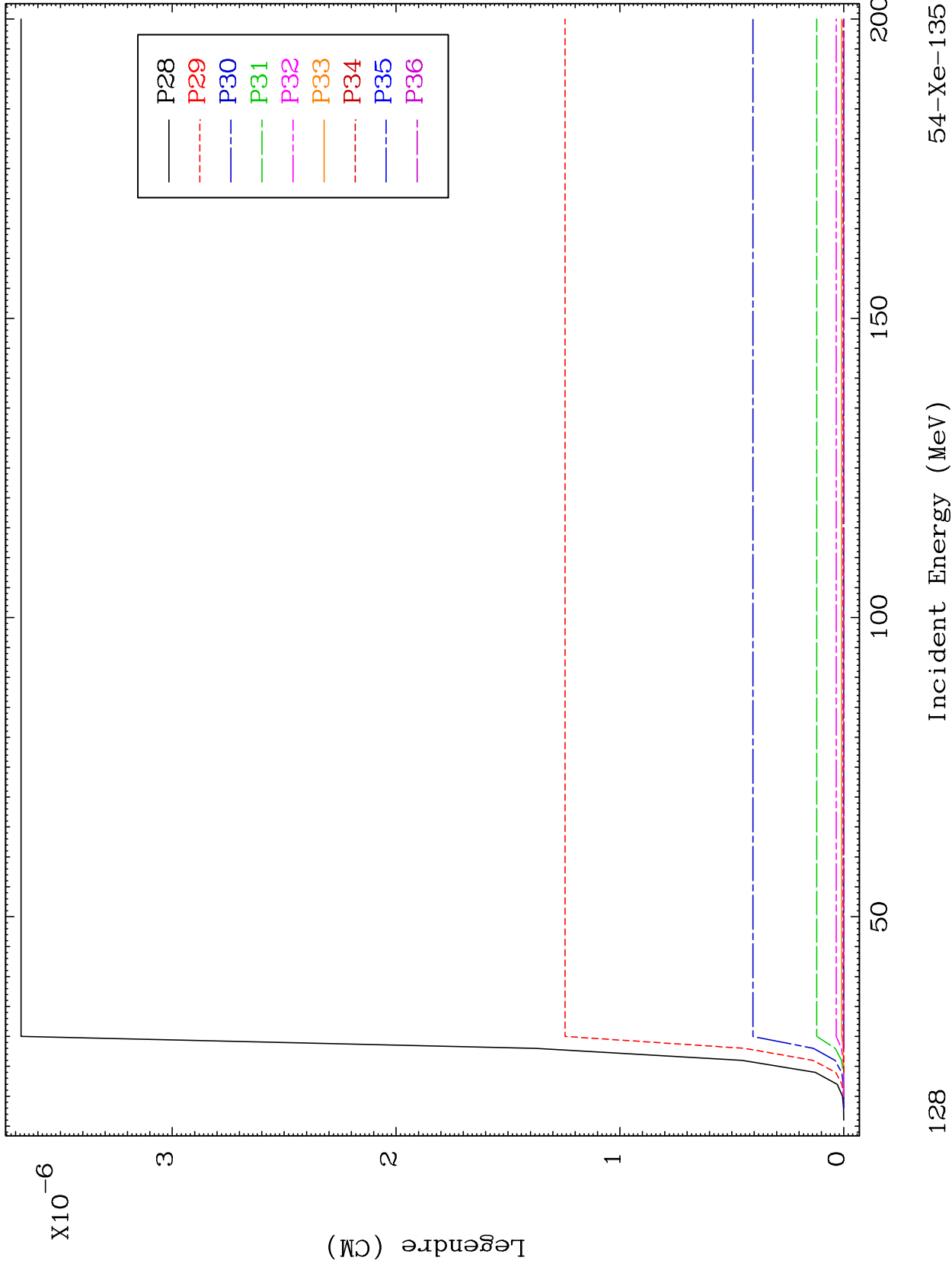
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



128

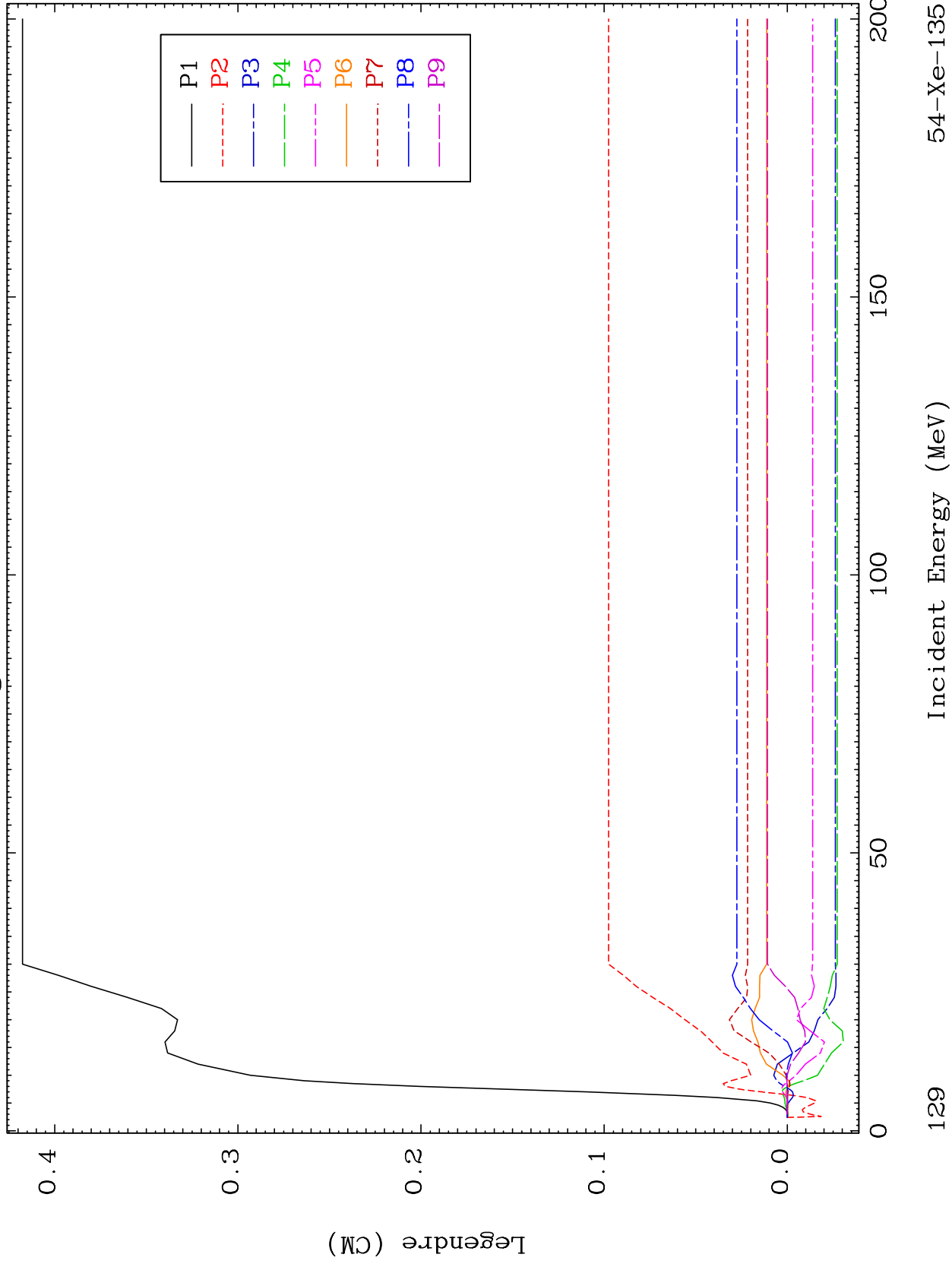
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135

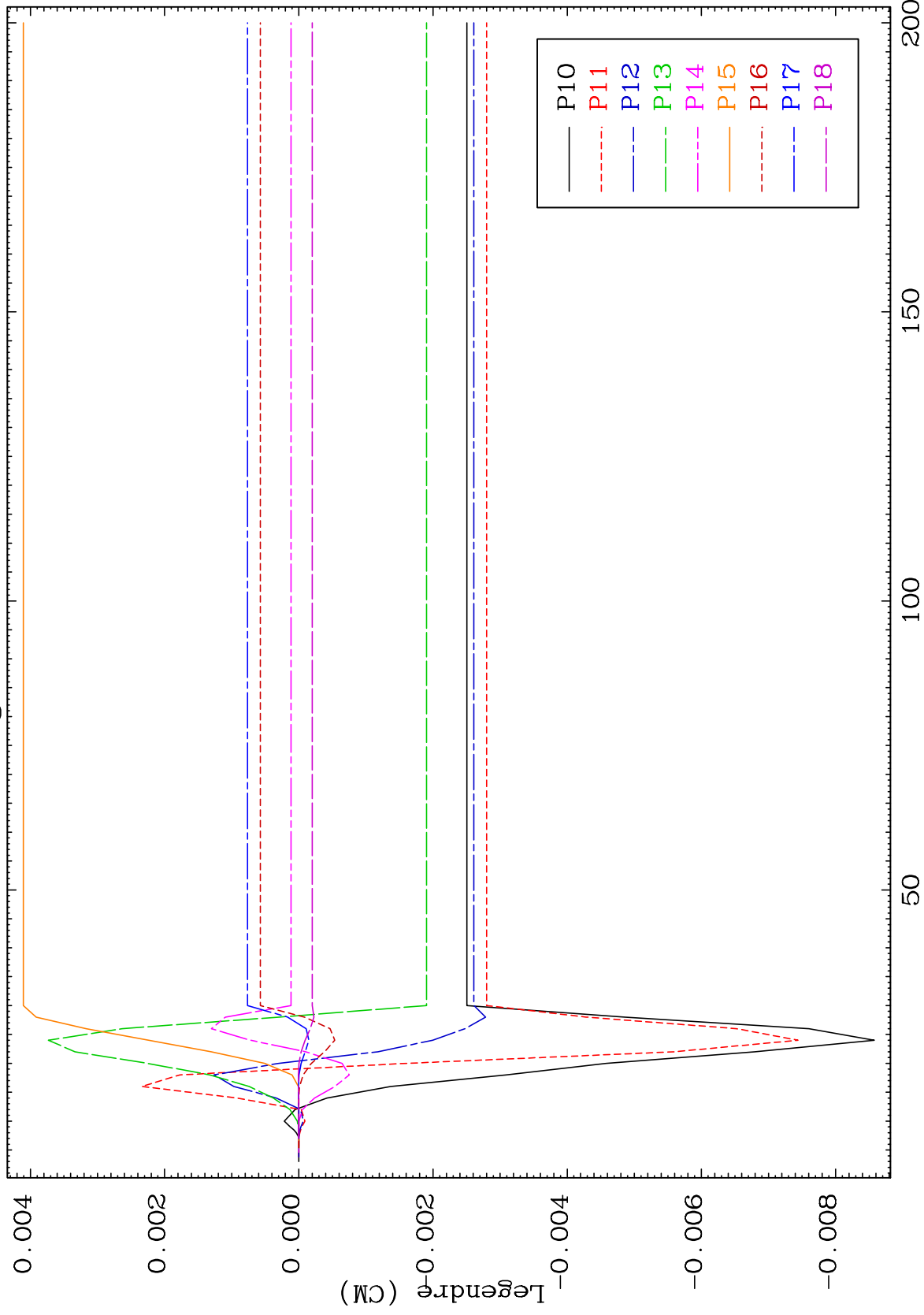


129

MAT 5458

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

54-Xe-135



130

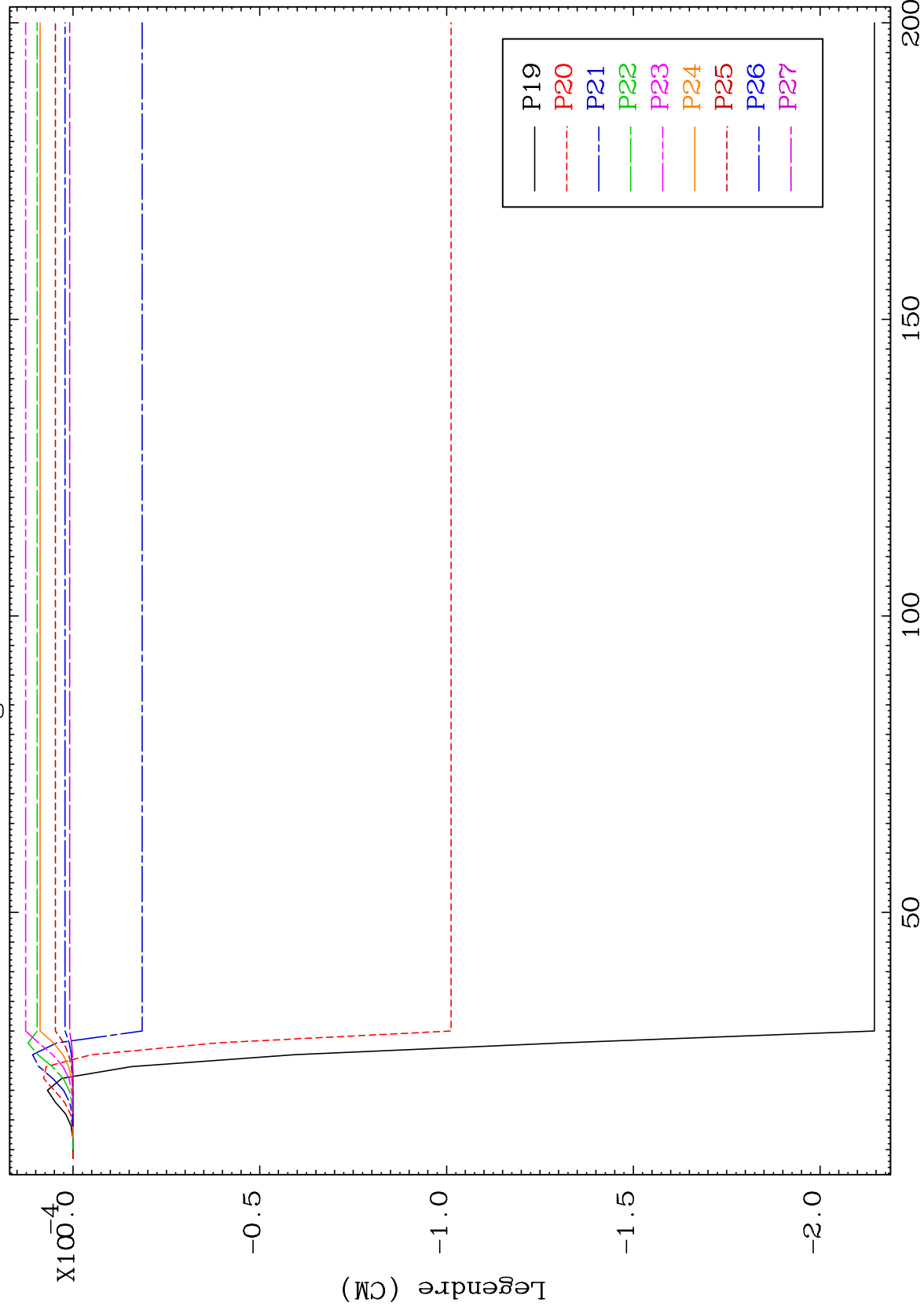
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



131

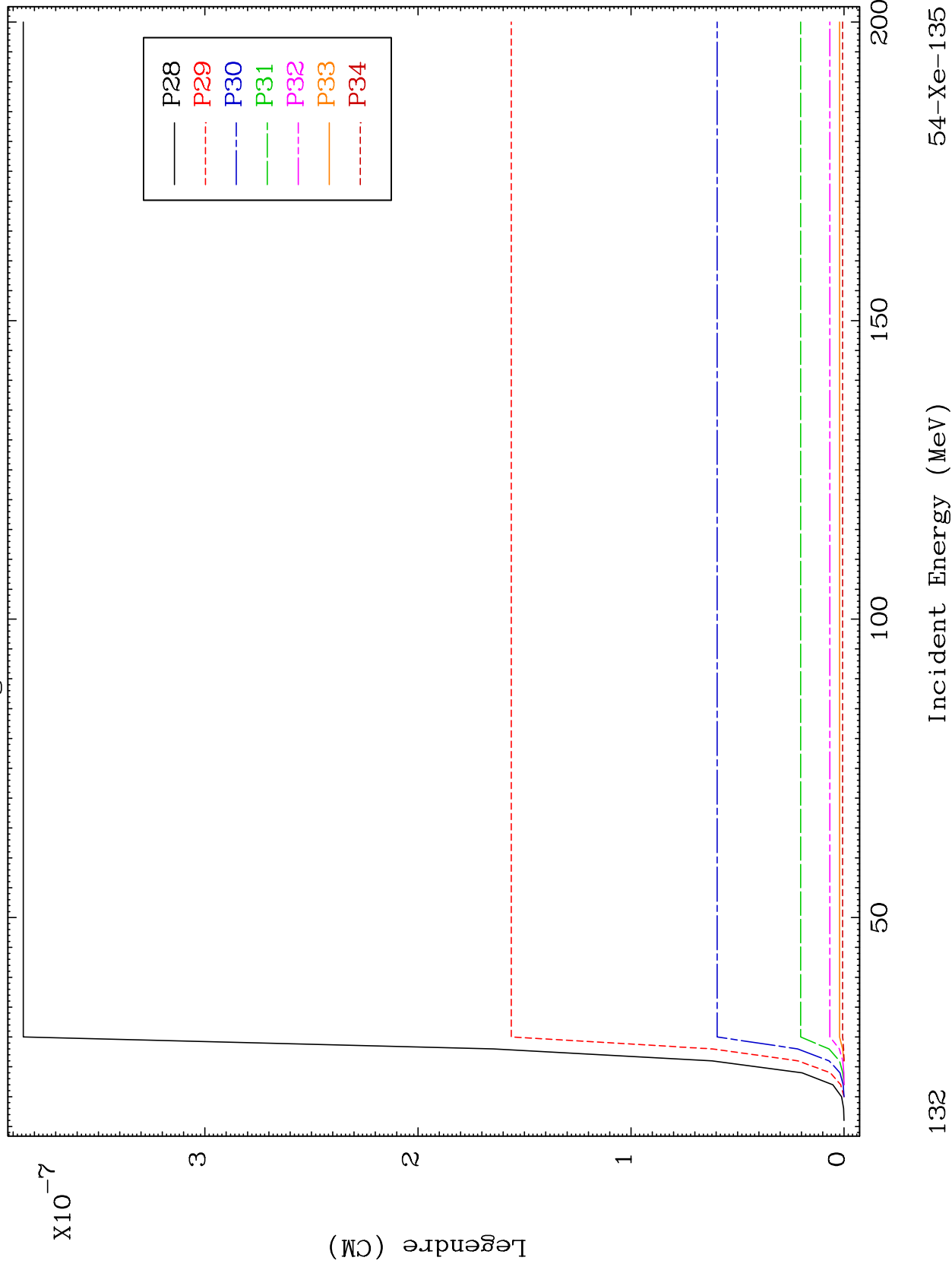
Incident Energy (MeV)

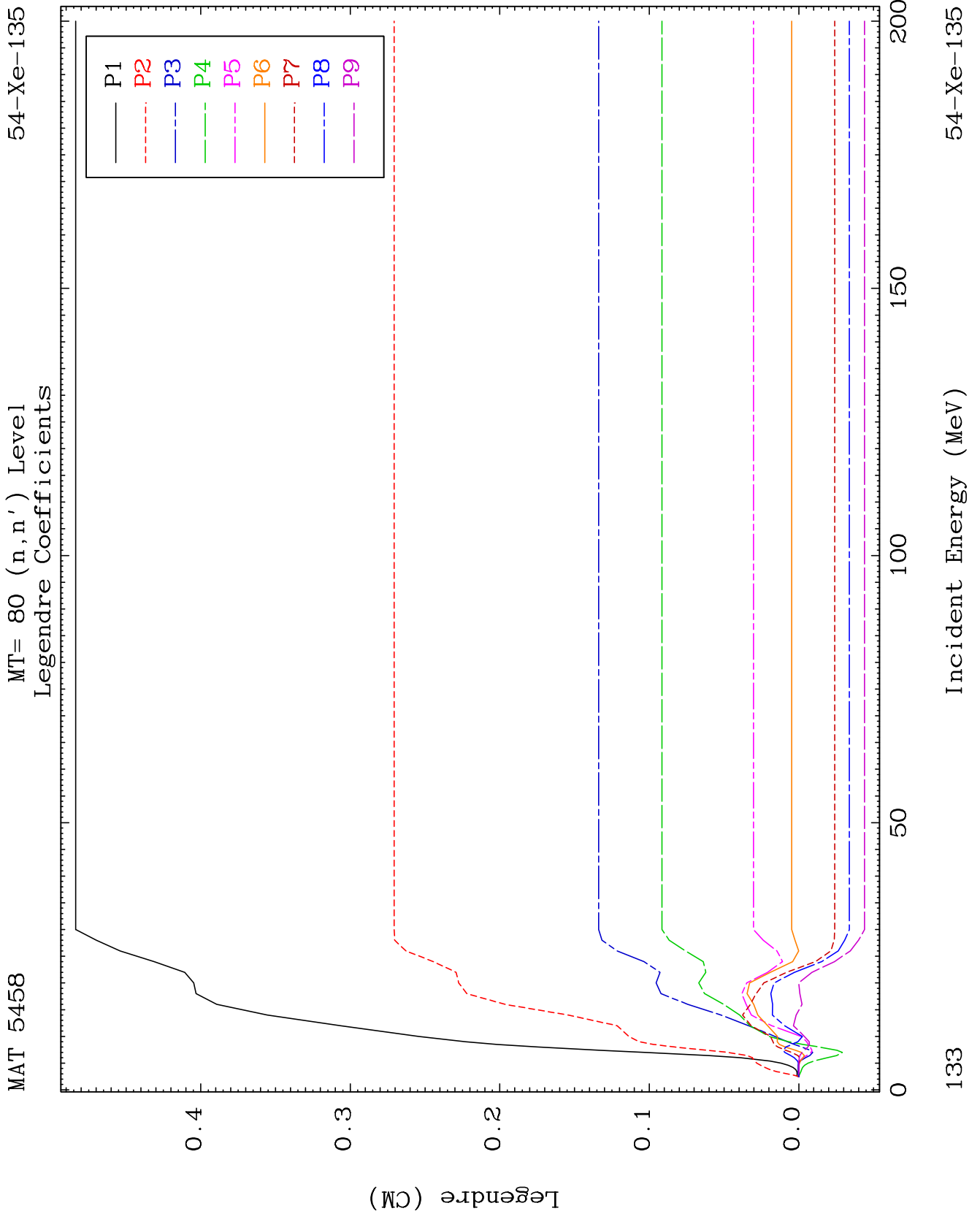
54-Xe-135

MAT 5458

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

54-Xe-135

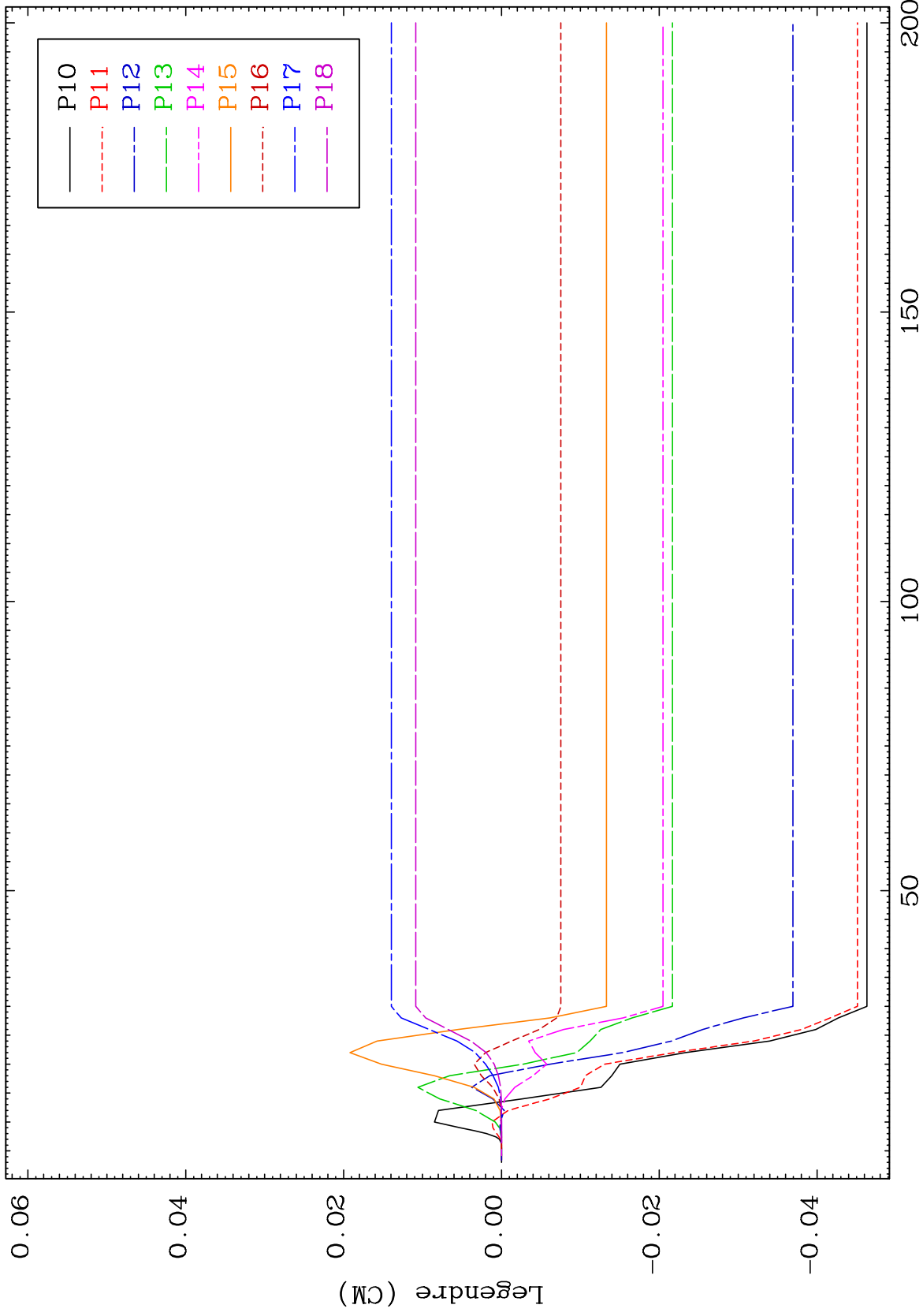




MAT 5458

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

54-Xe-135



134

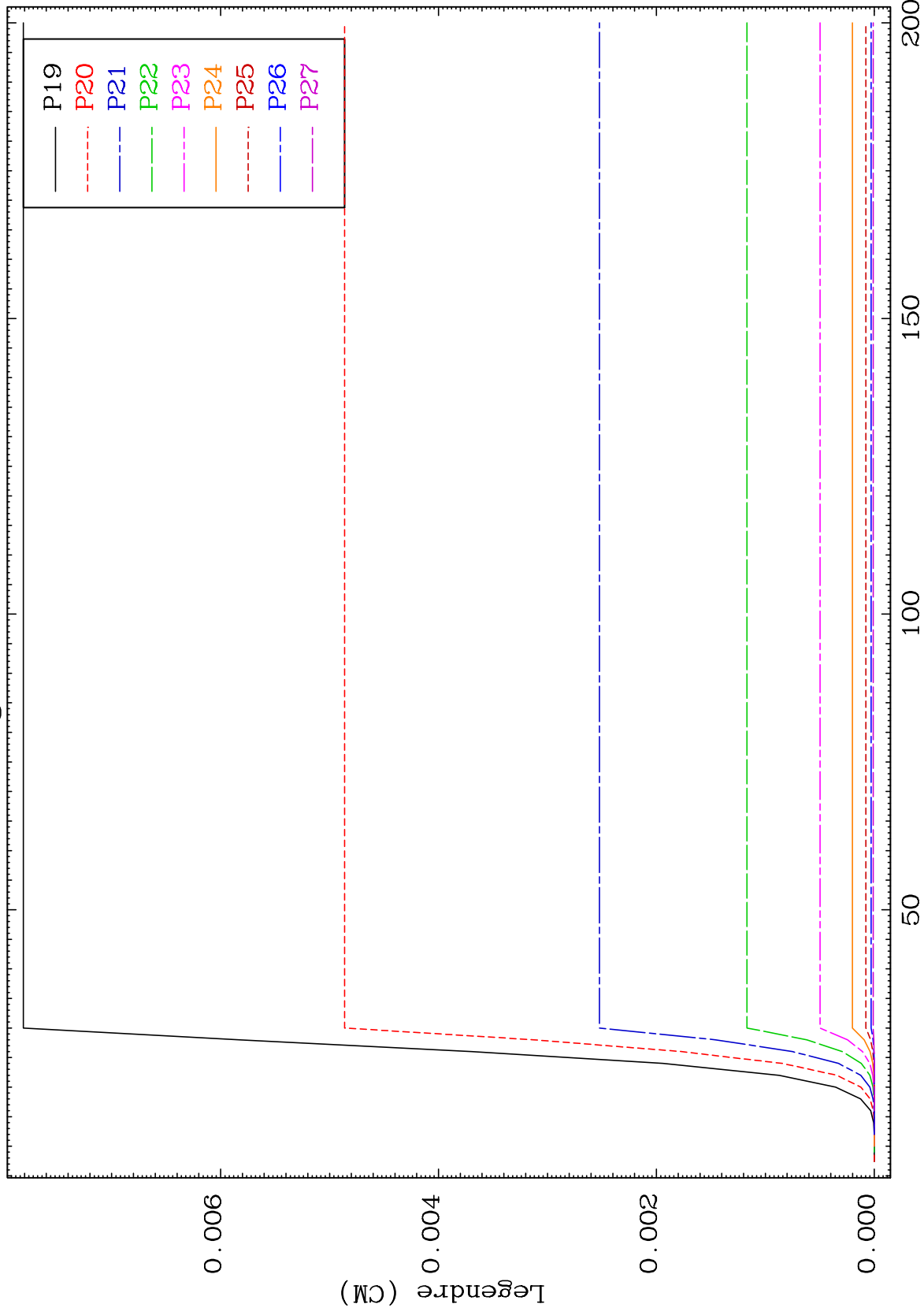
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



135

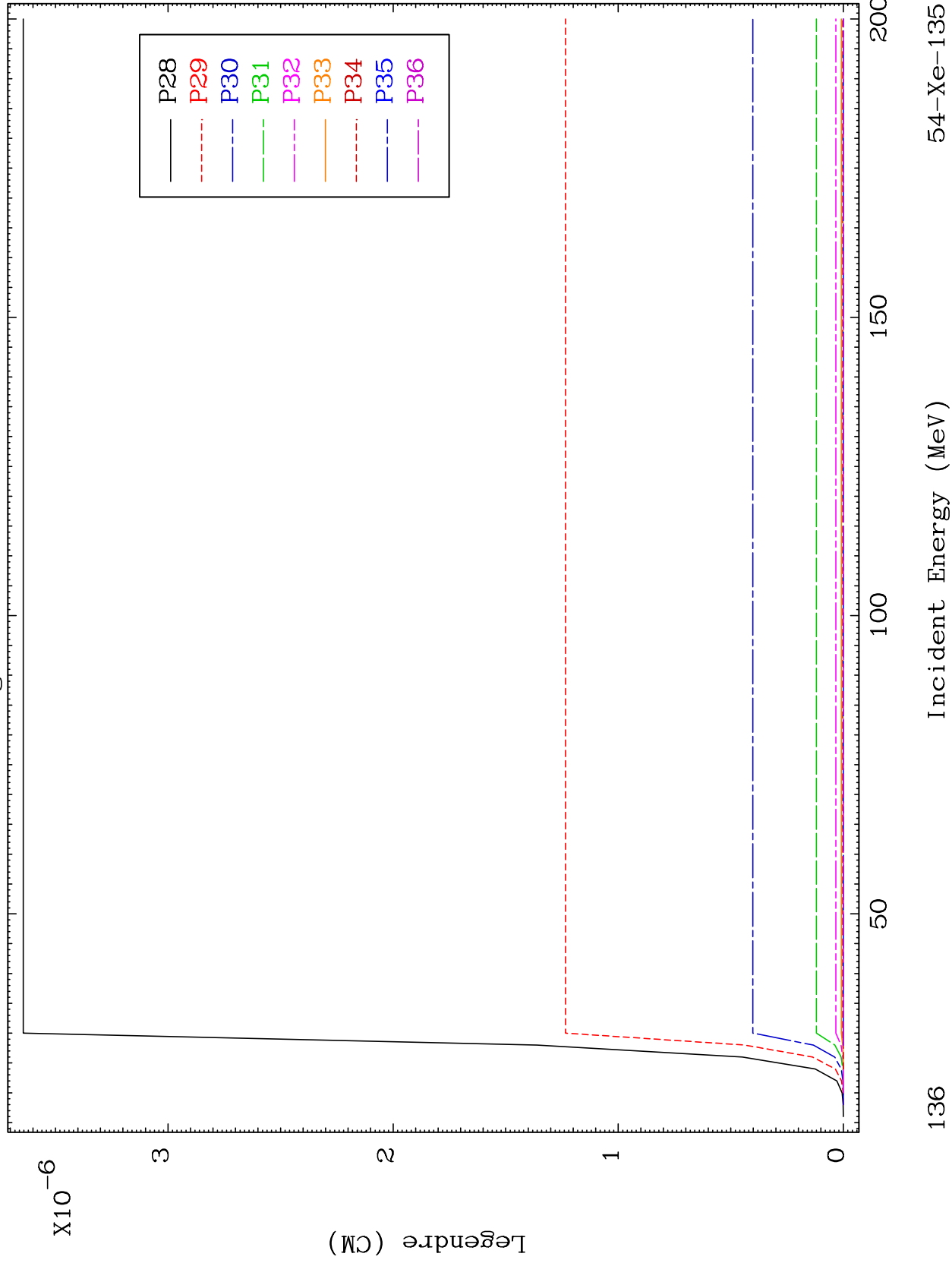
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



136

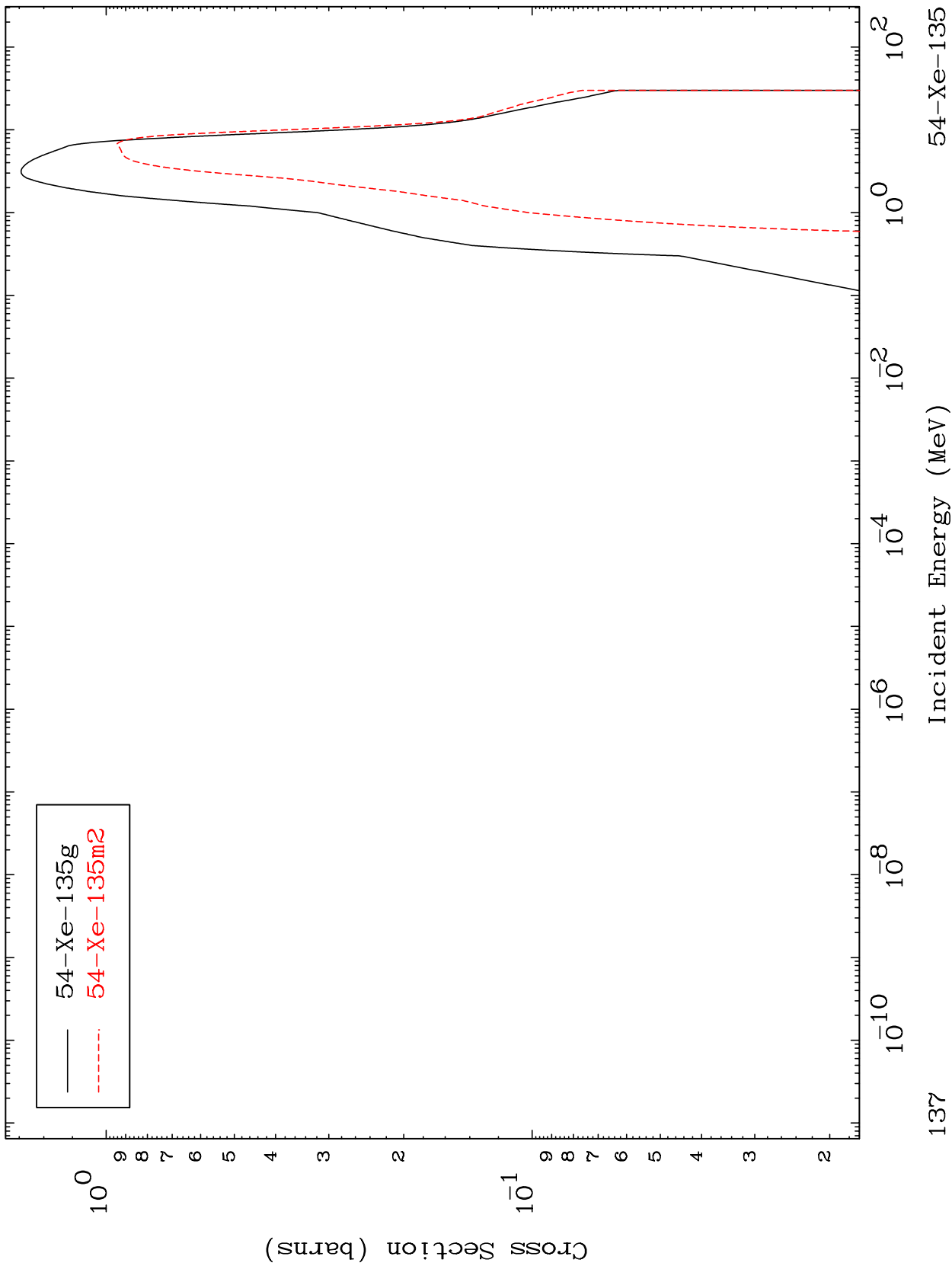
Incident Energy (MeV)

54-Xe-135

MAT 5458

Radionuclide Production Cross Section

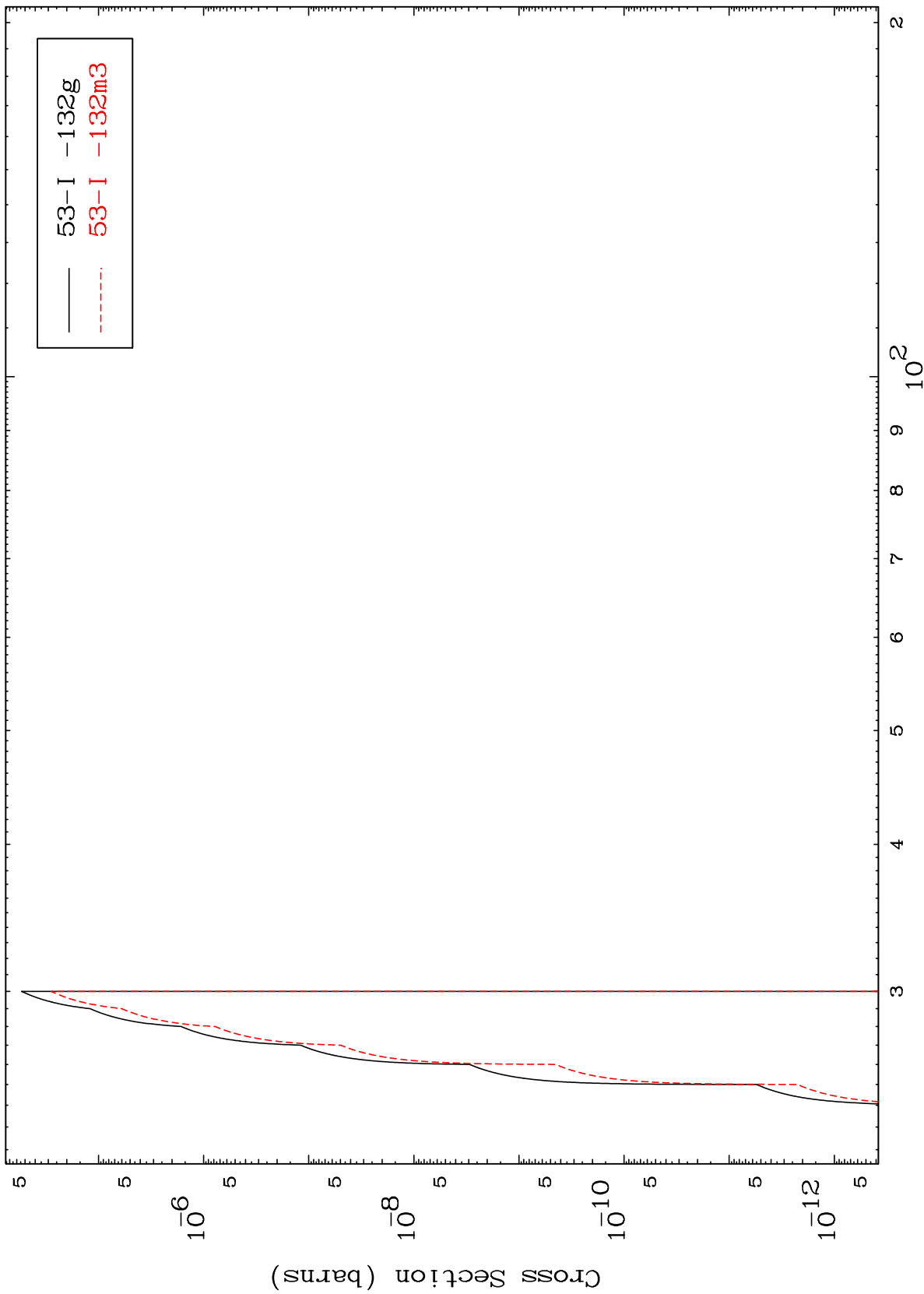
54-Xe-135



137

54-Xe-135

Radionuclide Production Cross Section

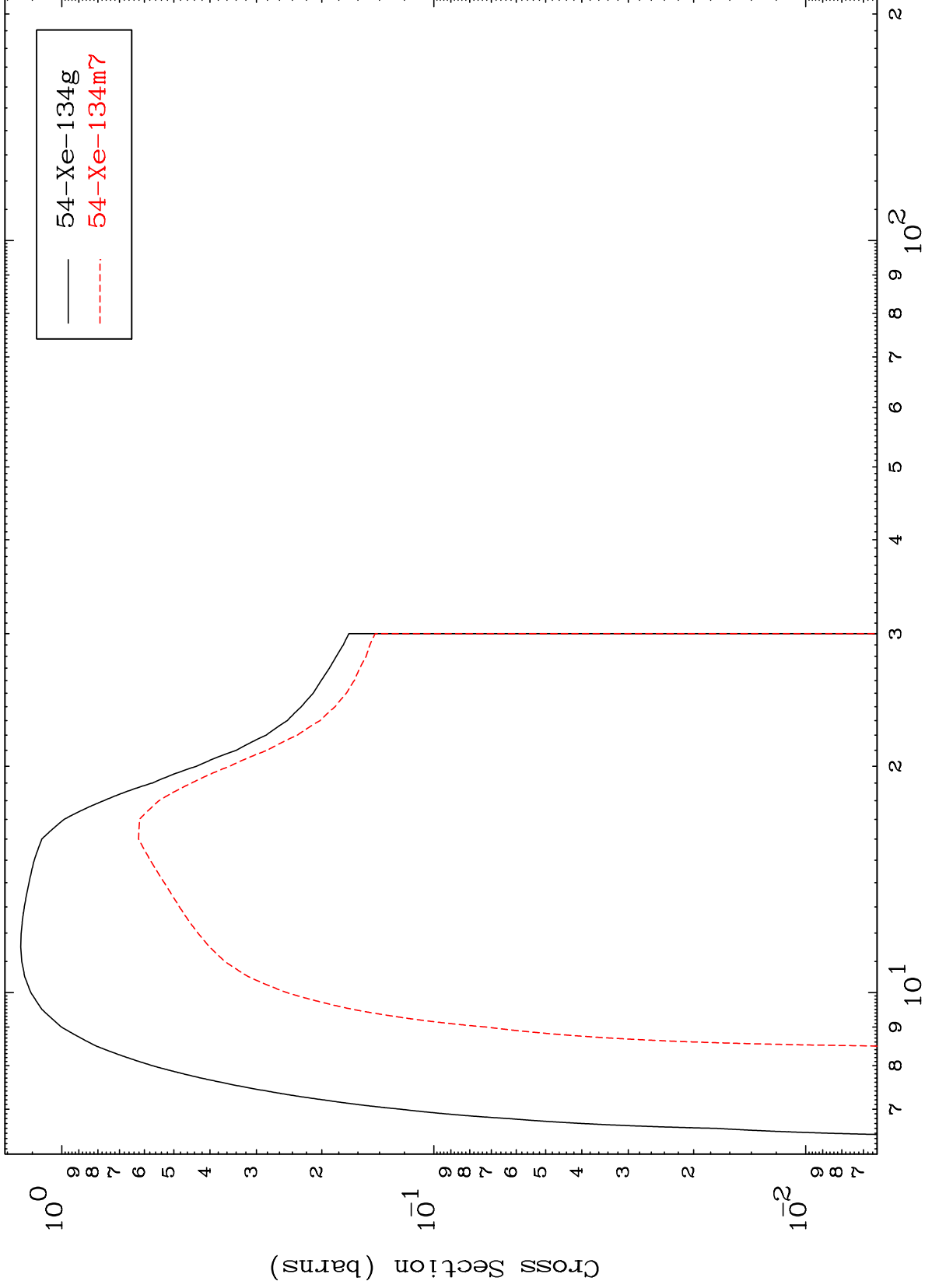


MAT 5458

54-Xe-135

(n,2n)

Radionuclide Production Cross Section



139

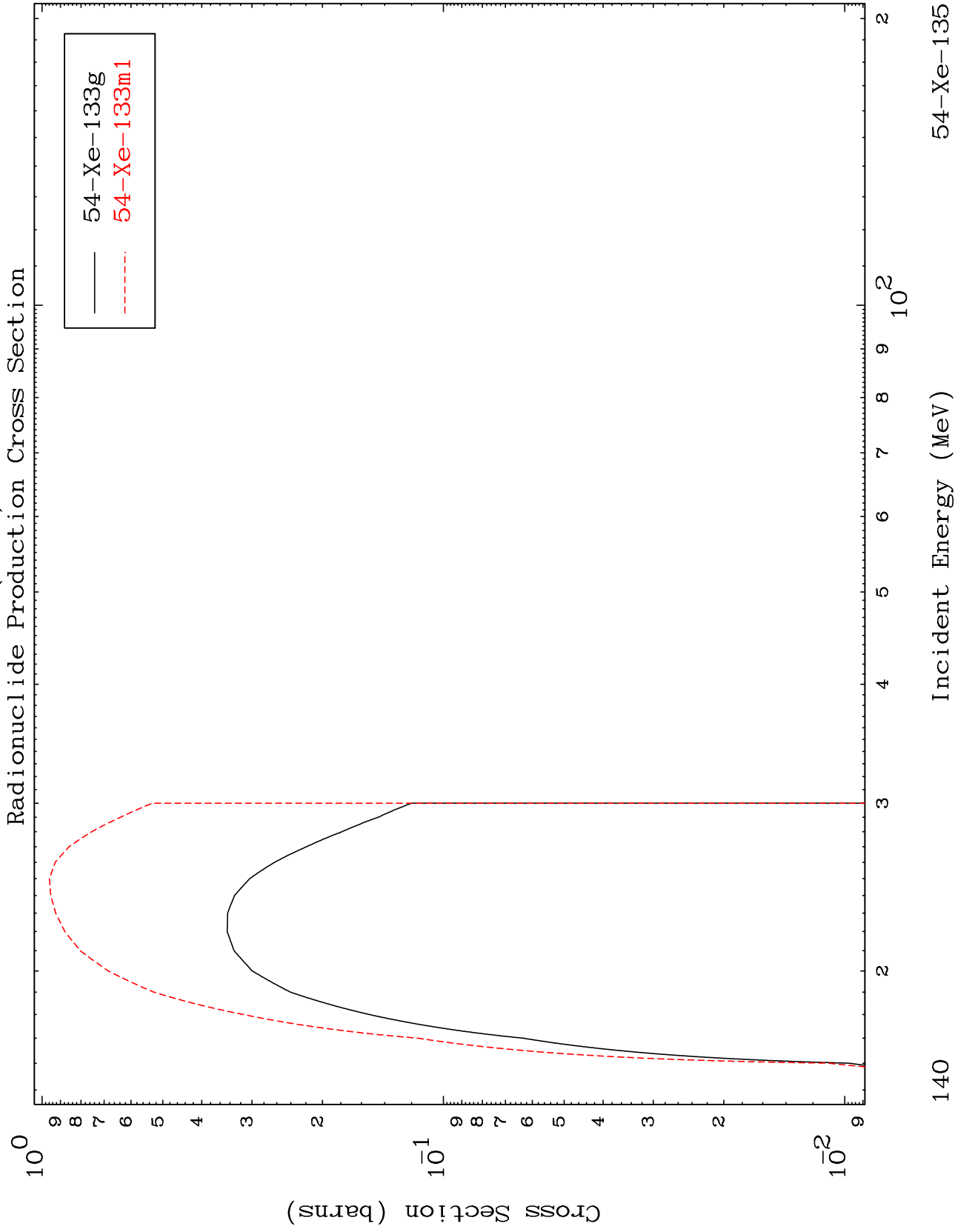
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,3n)

54-Xe-135



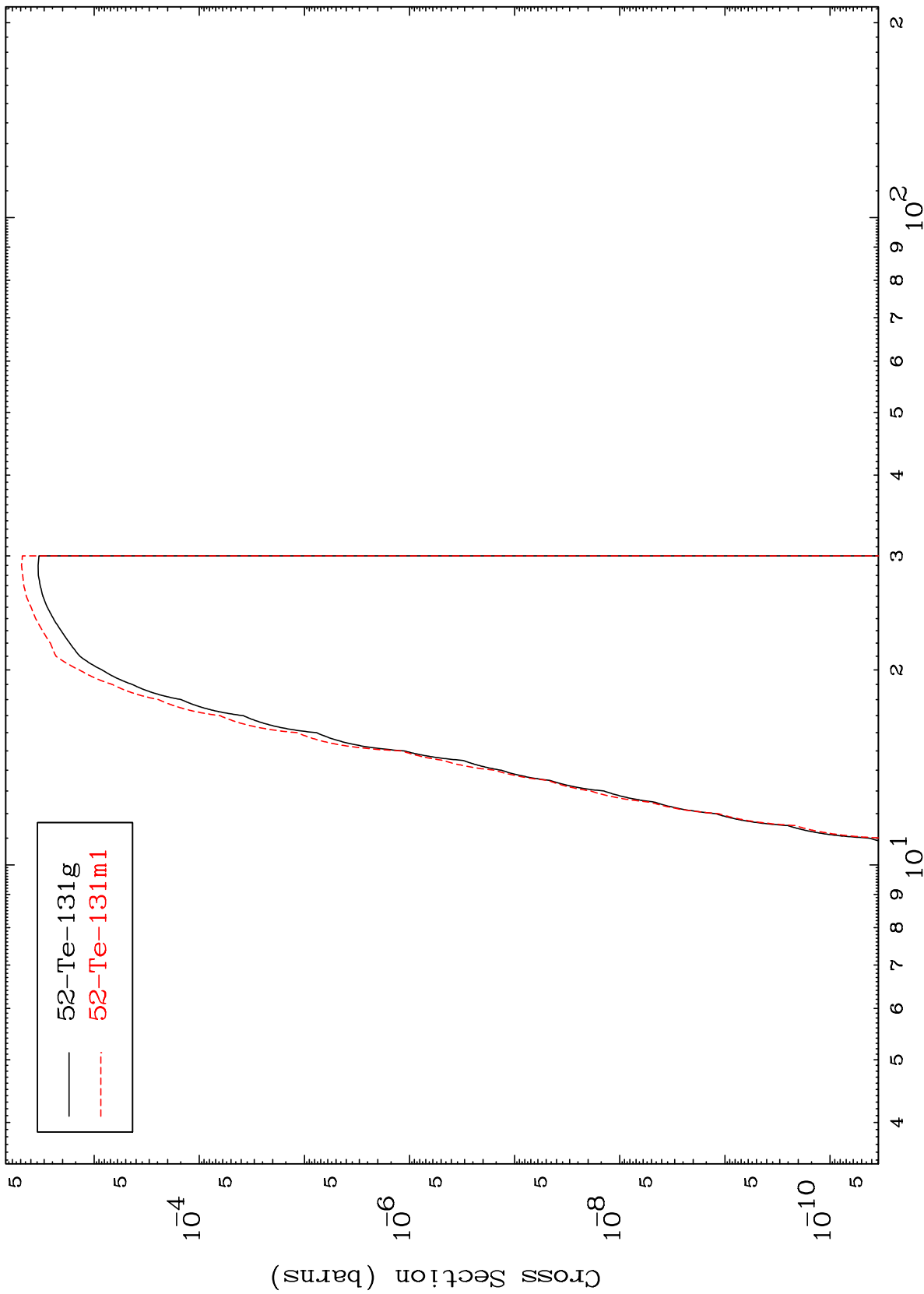
140

MAT 5458

54-Xe-135

(n,n') α

Radionuclide Production Cross Section



141

54-Xe-135

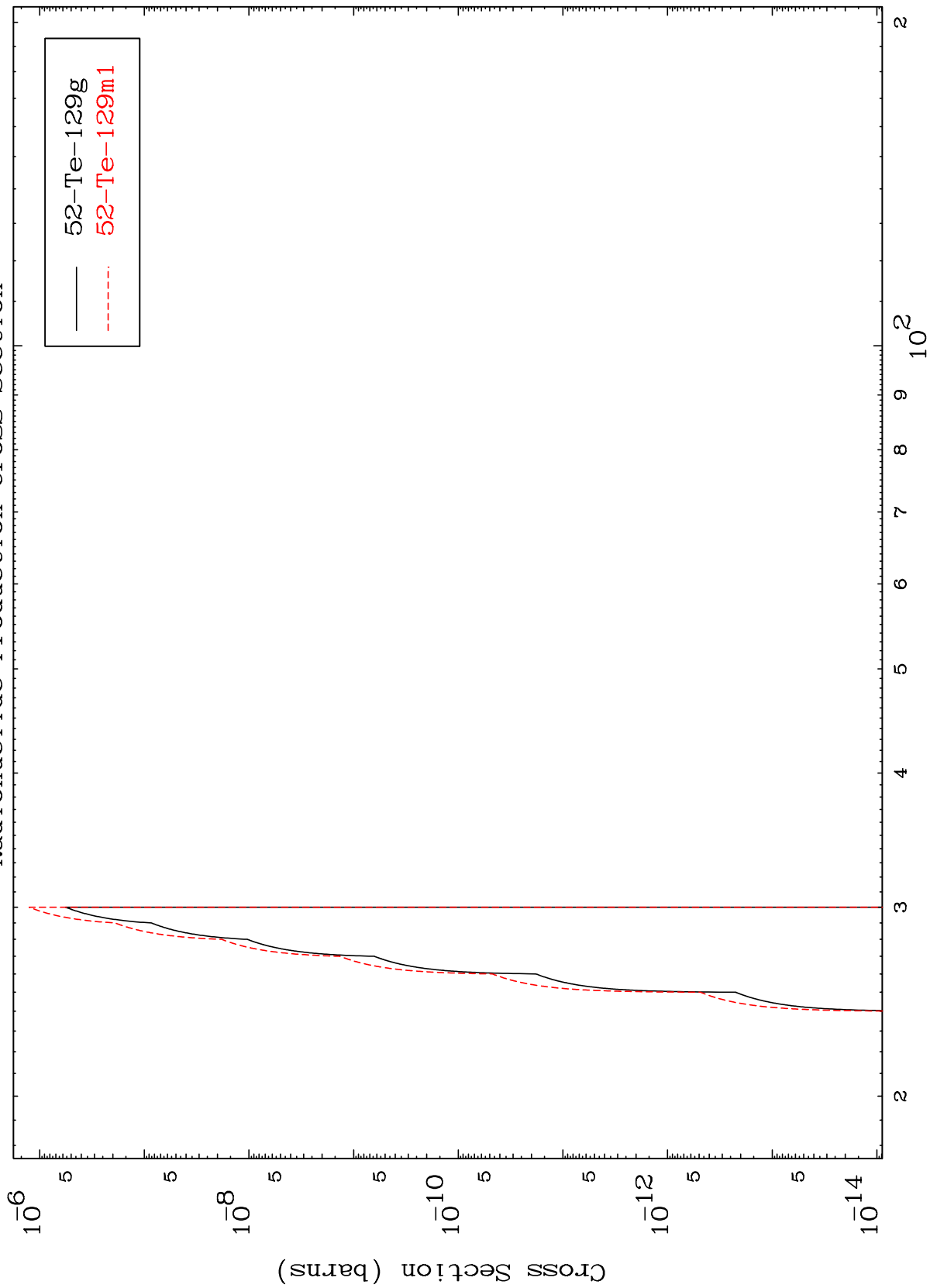
Incident Energy (MeV)

MAT 5458

(n,3n) α

54-Xe-135

Radionuclide Production Cross Section



142

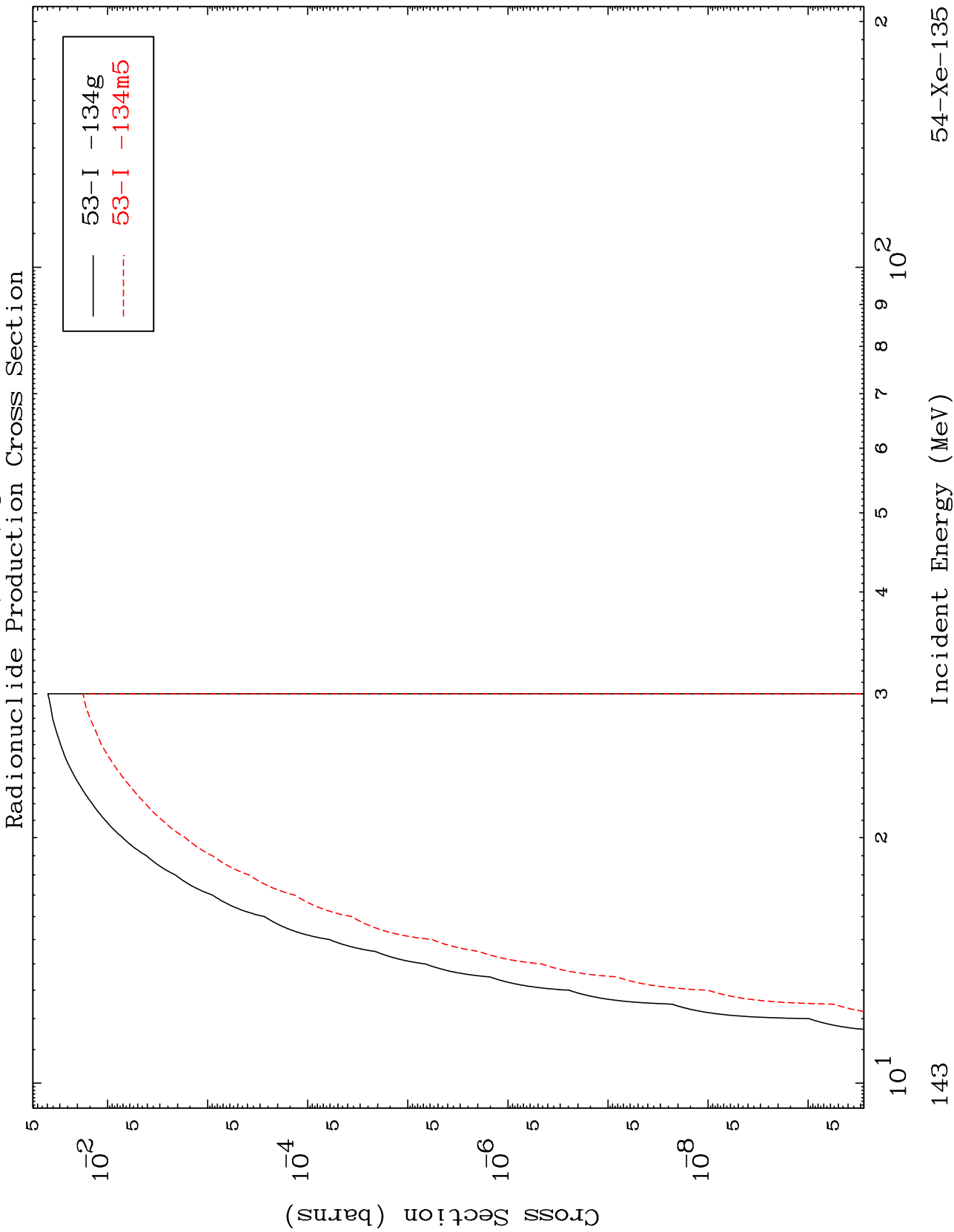
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,n') p

54-Xe-135



143

Incident Energy (MeV)

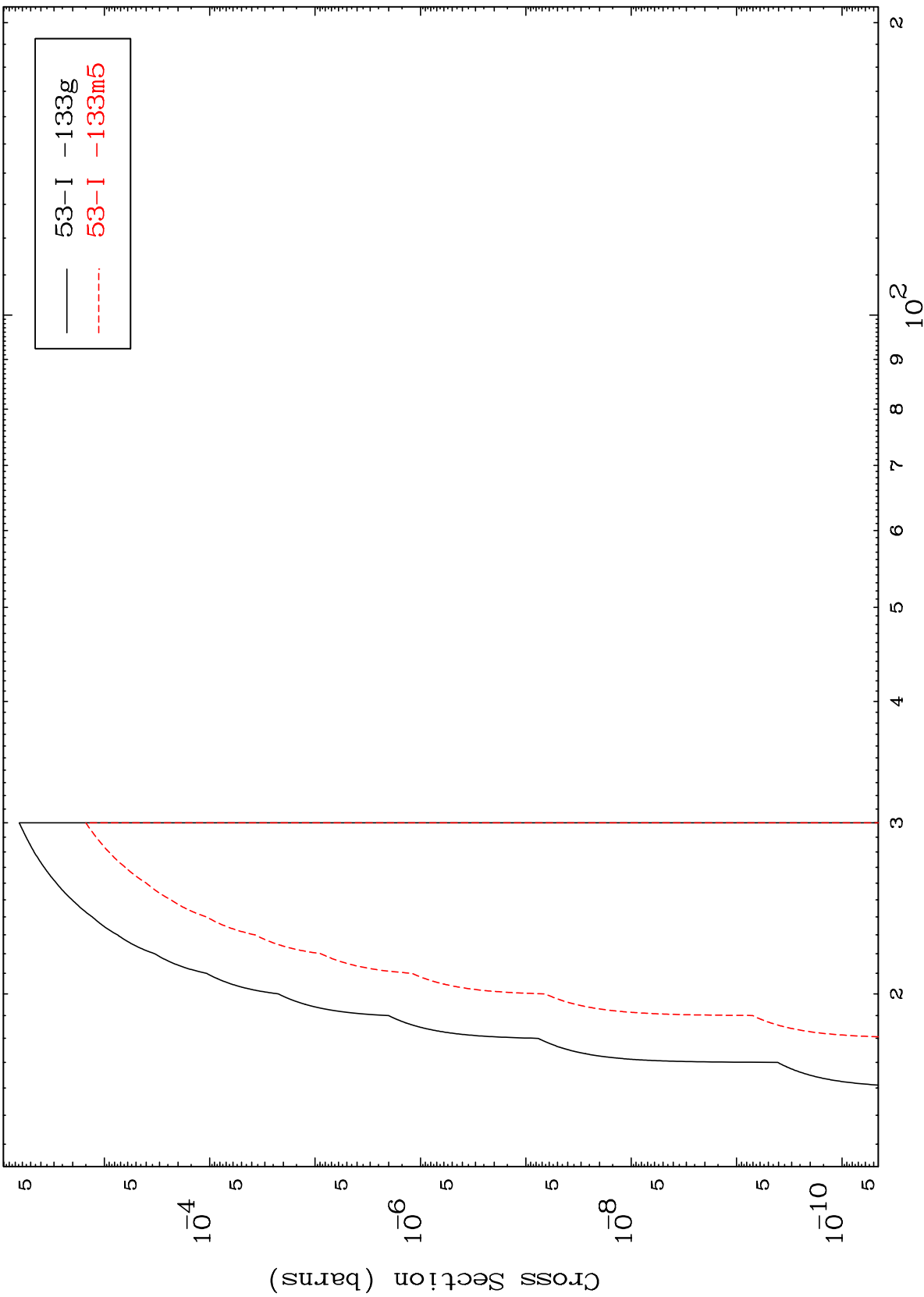
54-Xe-135

MAT 5458

(n,n') d

54-Xe-135

Radionuclide Production Cross Section



144

Incident Energy (MeV)

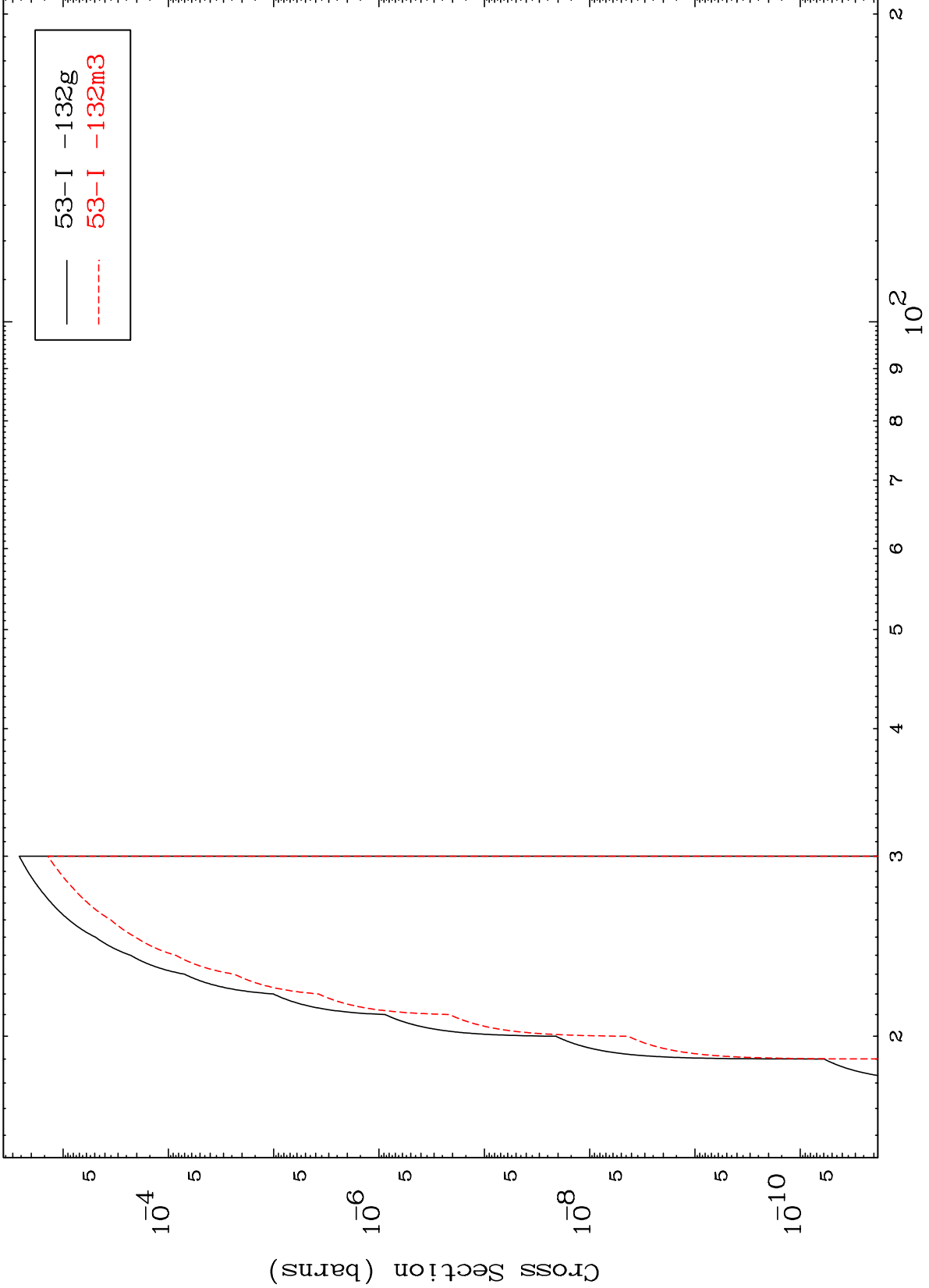
54-Xe-135

MAT 5458

(n,n') t

54-Xe-135

Radionuclide Production Cross Section



145

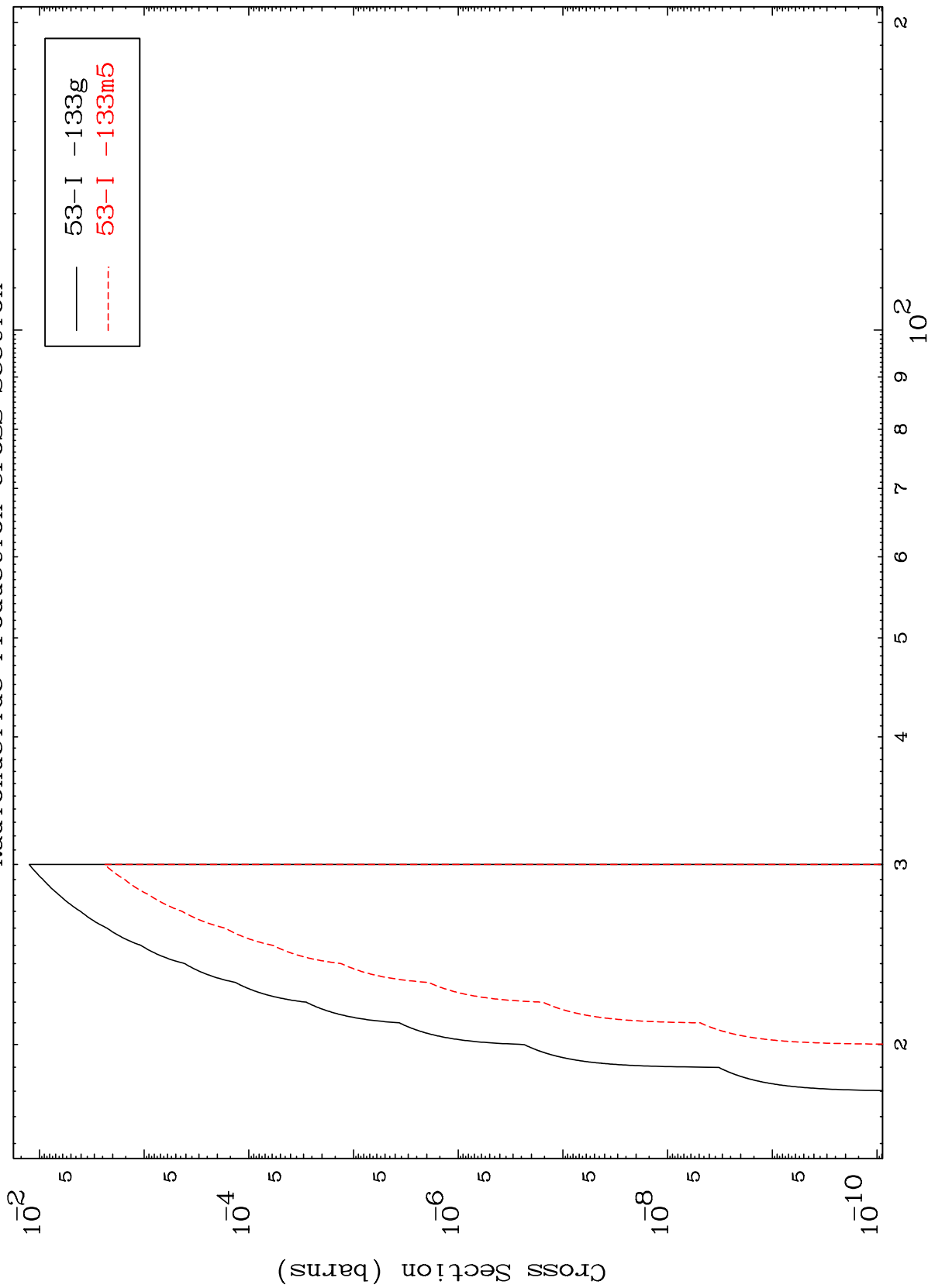
Incident Energy (MeV)

54-Xe-135

MAT 5458

54-Xe-135

(n,2n) p
Radionuclide Production Cross Section



146

Incident Energy (MeV)

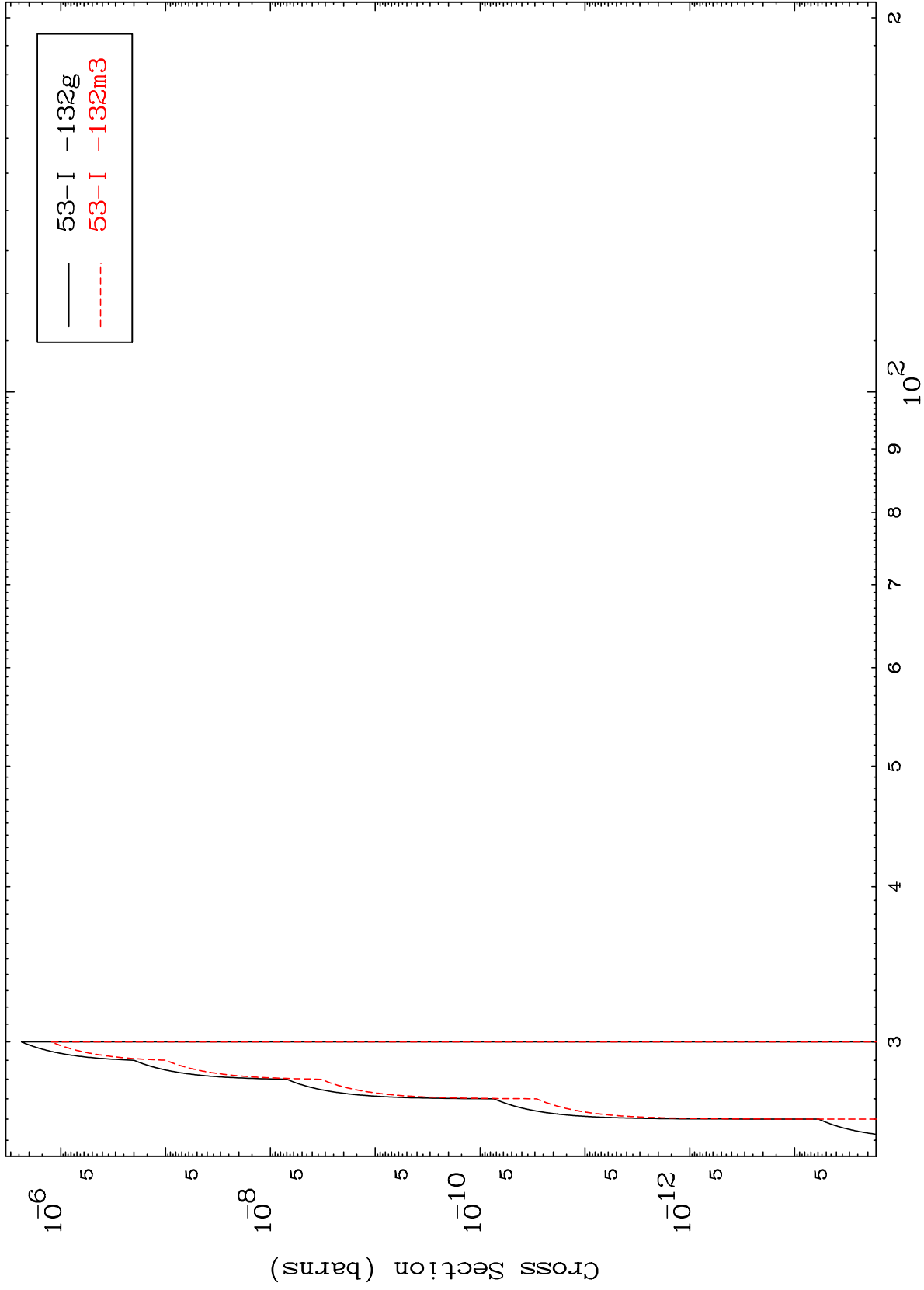
54-Xe-135

MAT 5458

(n,3n) p

54-Xe-135

Radionuclide Production Cross Section



147

Incident Energy (MeV)

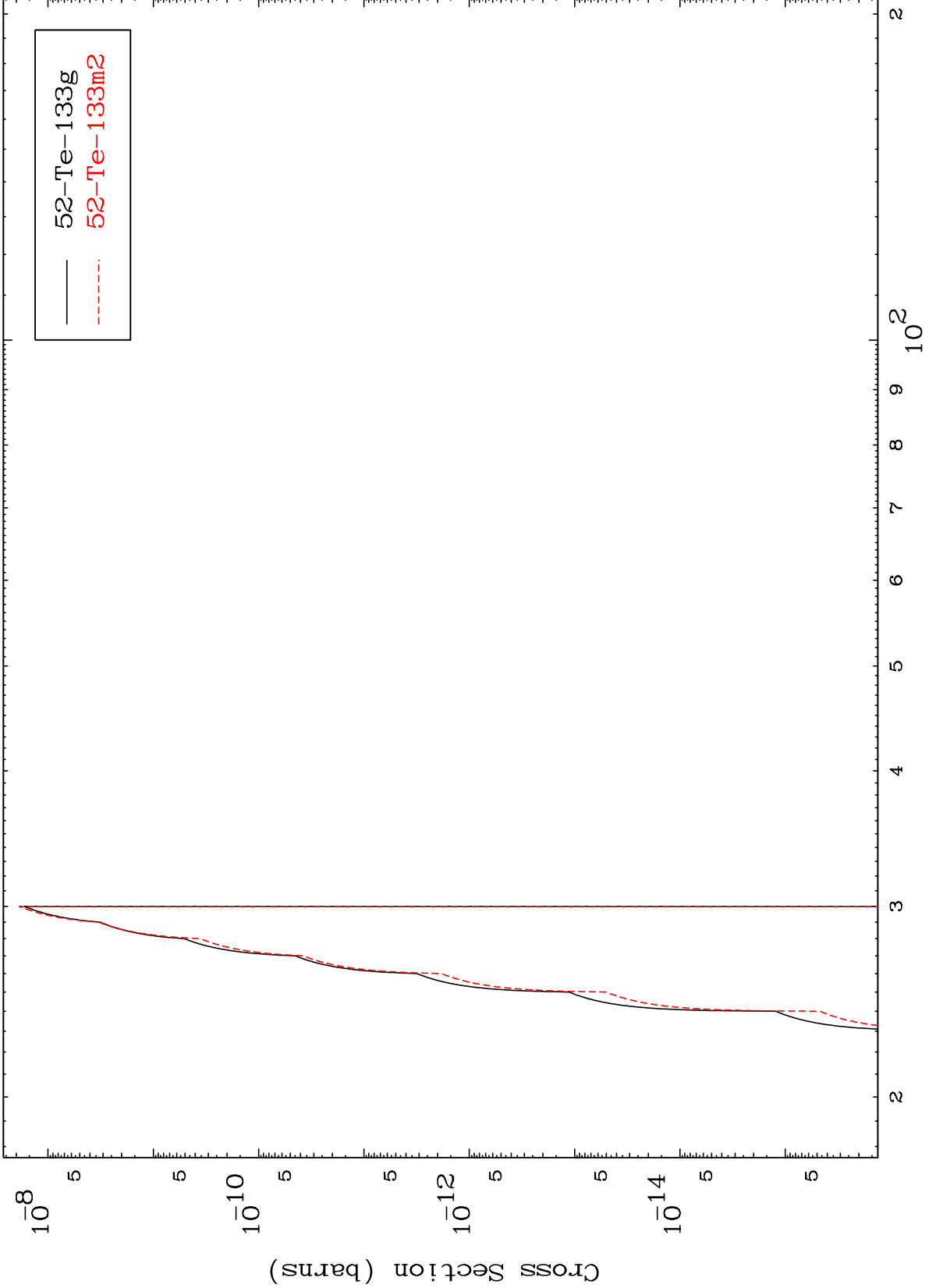
54-Xe-135

MAT 5458

(n,2n) p

54-Xe-135

Radionuclide Production Cross Section



148

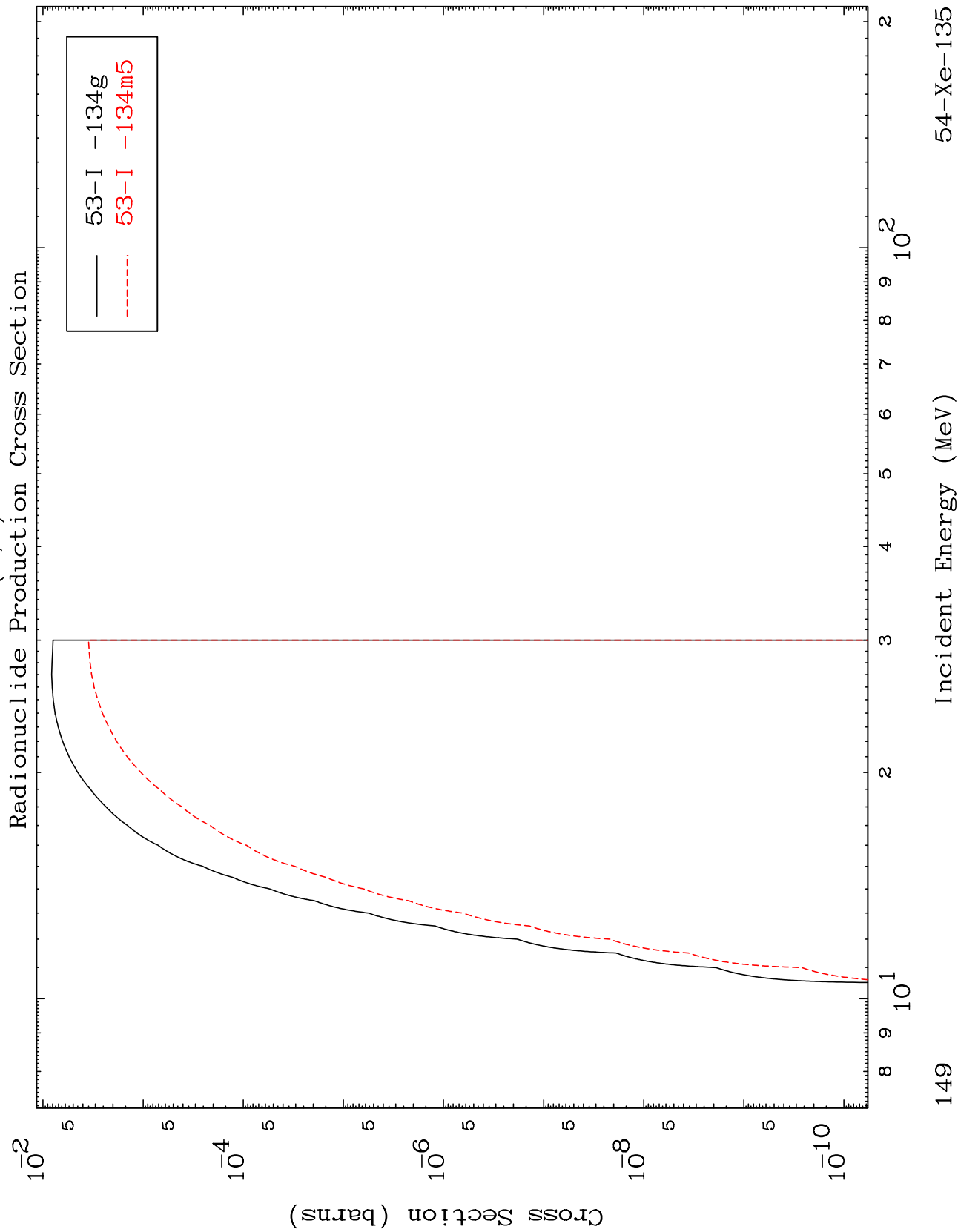
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,d)

54-Xe-135



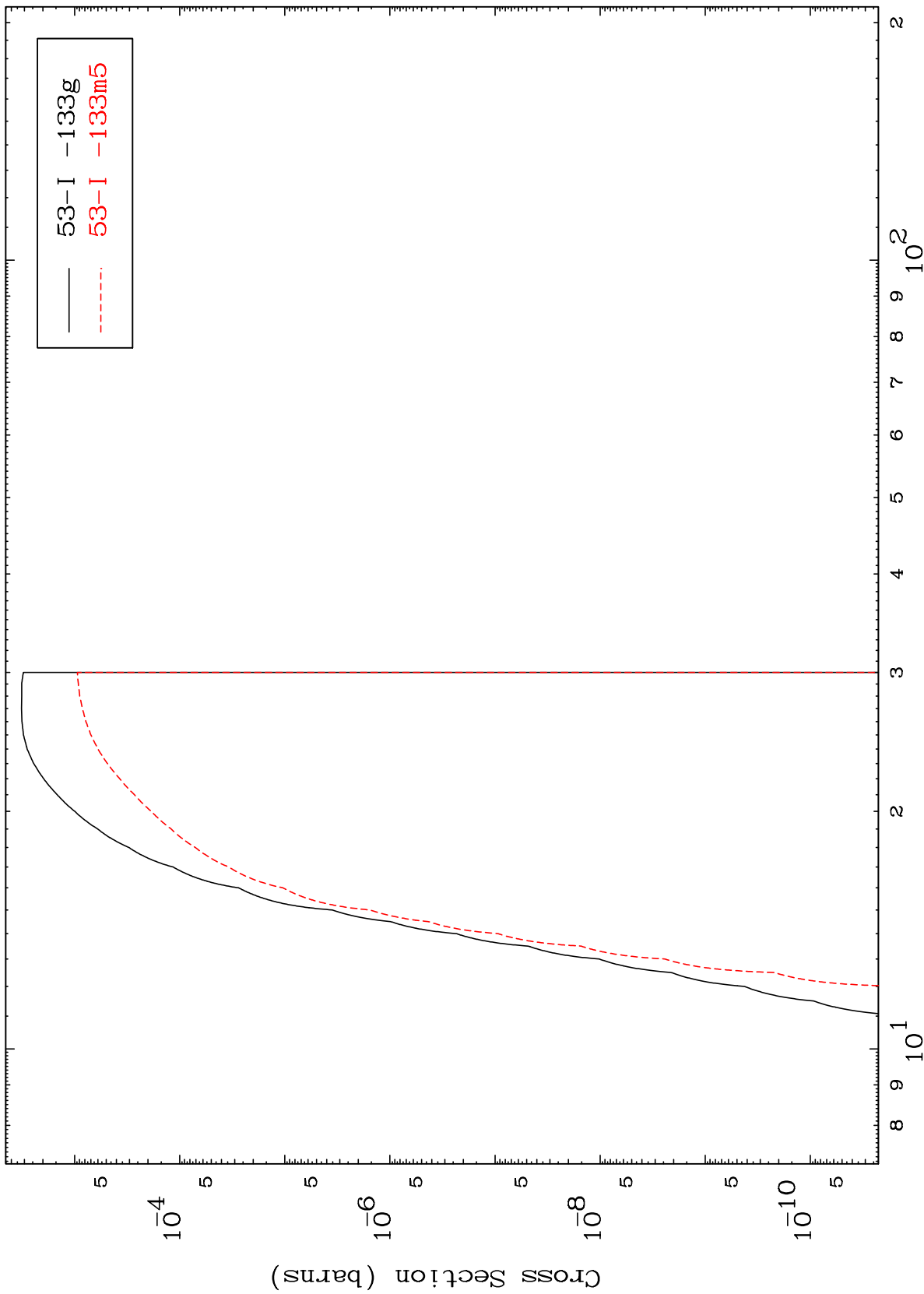
149

54-Xe-135

MAT 5458

54-Xe-135

(n, t)
Radionuclide Production Cross Section



54-Xe-135

Incident Energy (MeV)

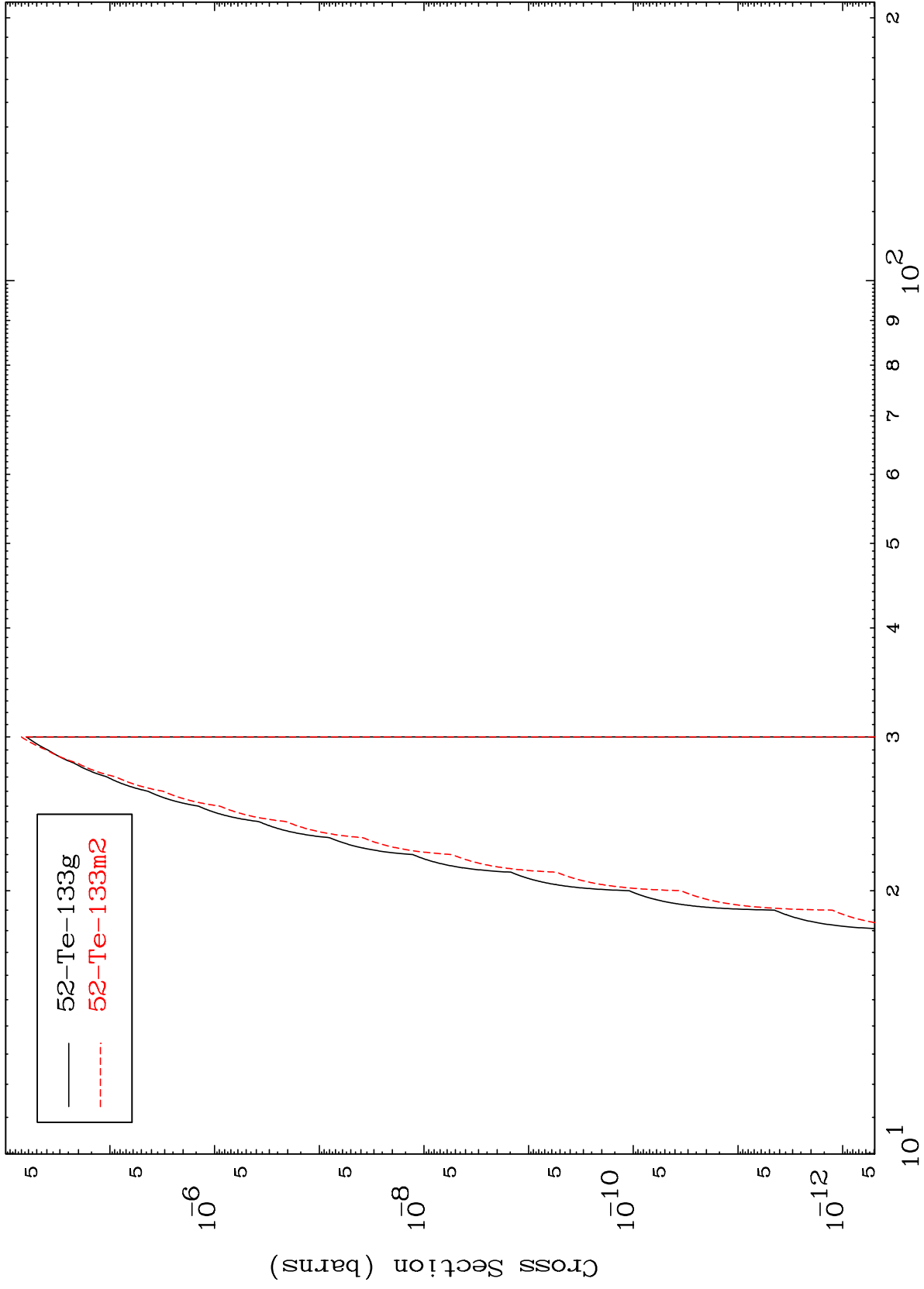
150

MAT 5458

(n,He-3)

54-Xe-135

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-135

151

Radionuclide Production Cross Section

