

Program EVALPLOT
(Version 2018-1)

by

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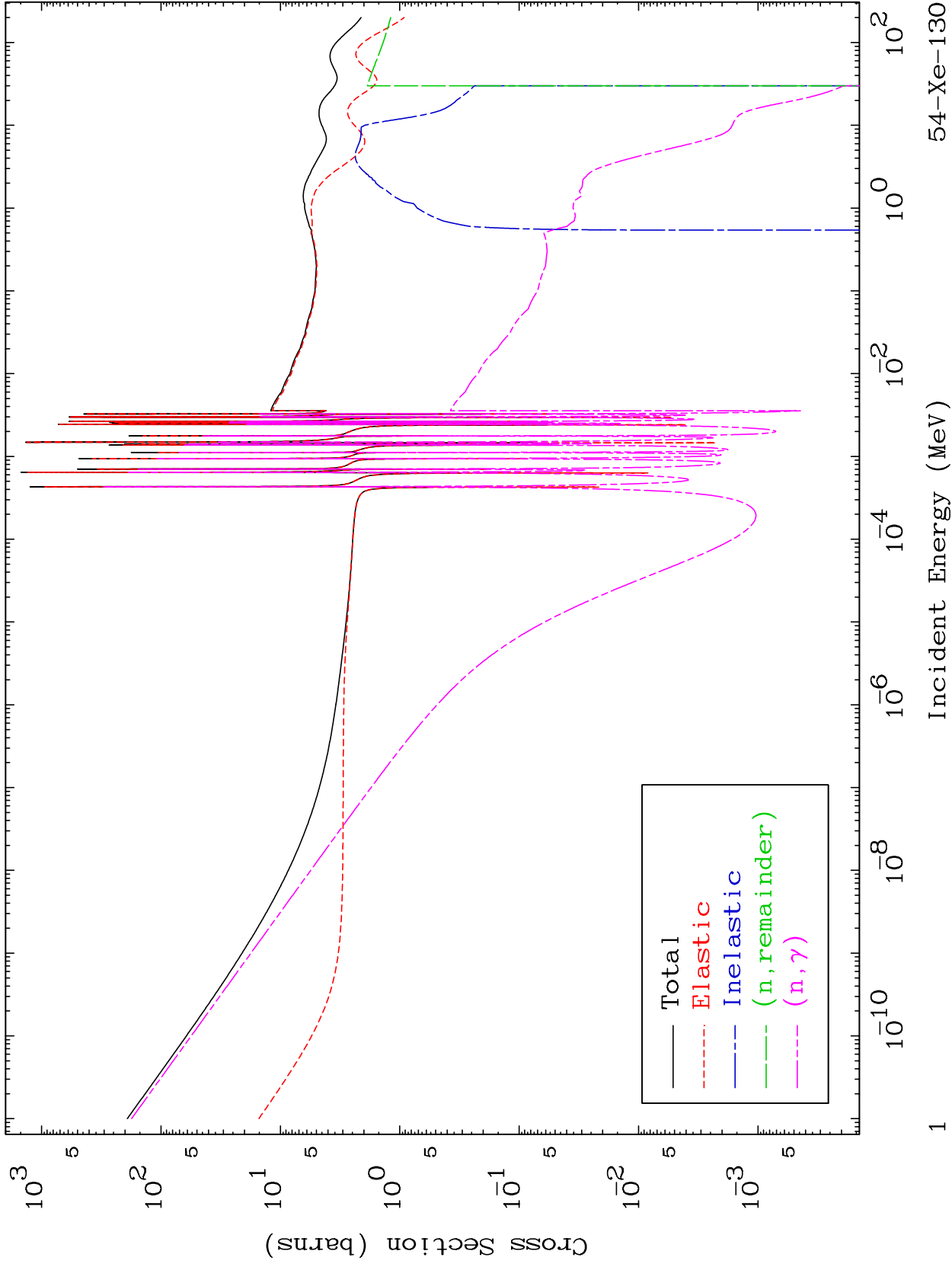
Press Mouse Button to Start

MAT 5443

Major

293 Kelvin Cross Sections

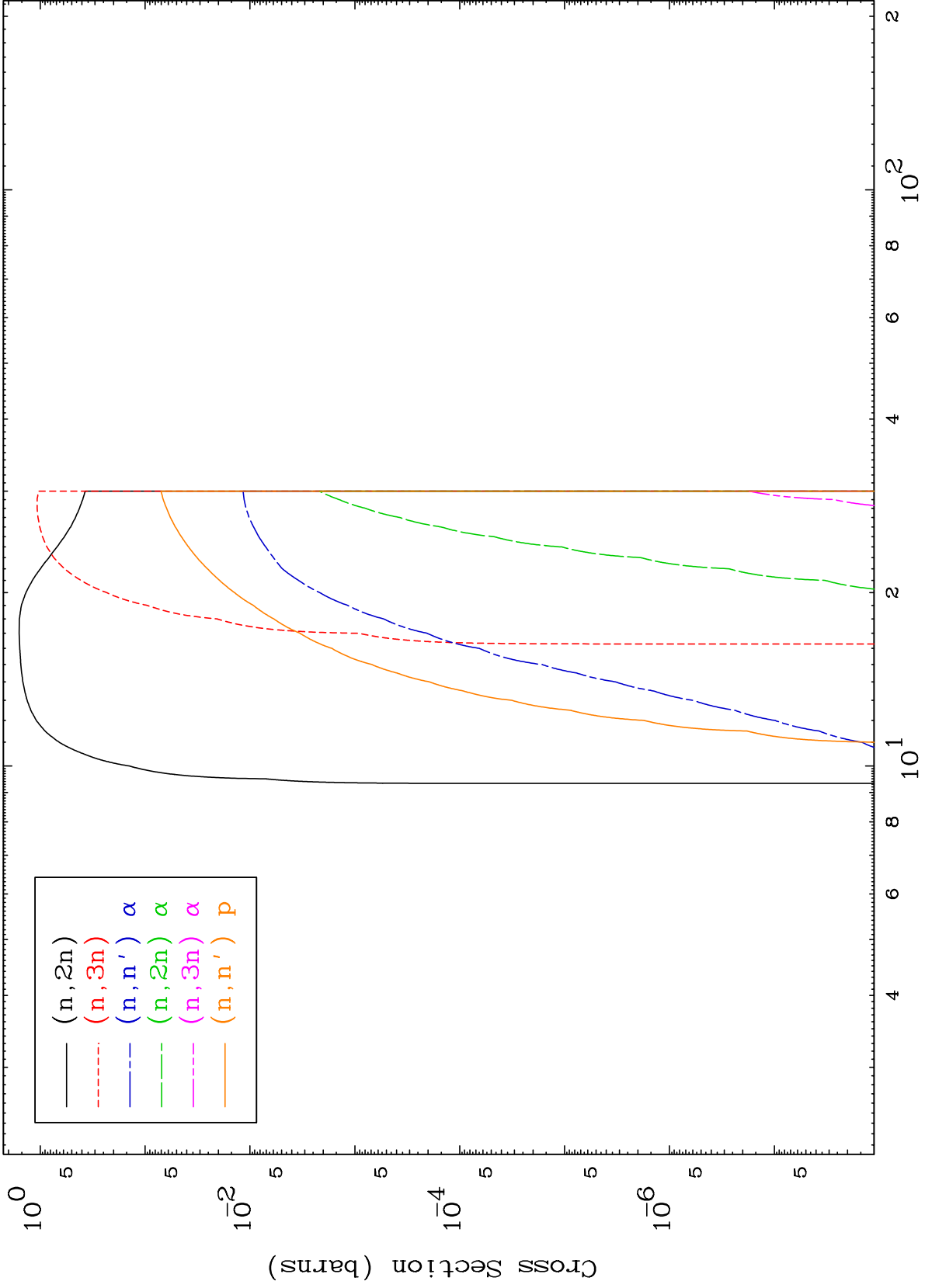
54-Xe-130



MAT 5443

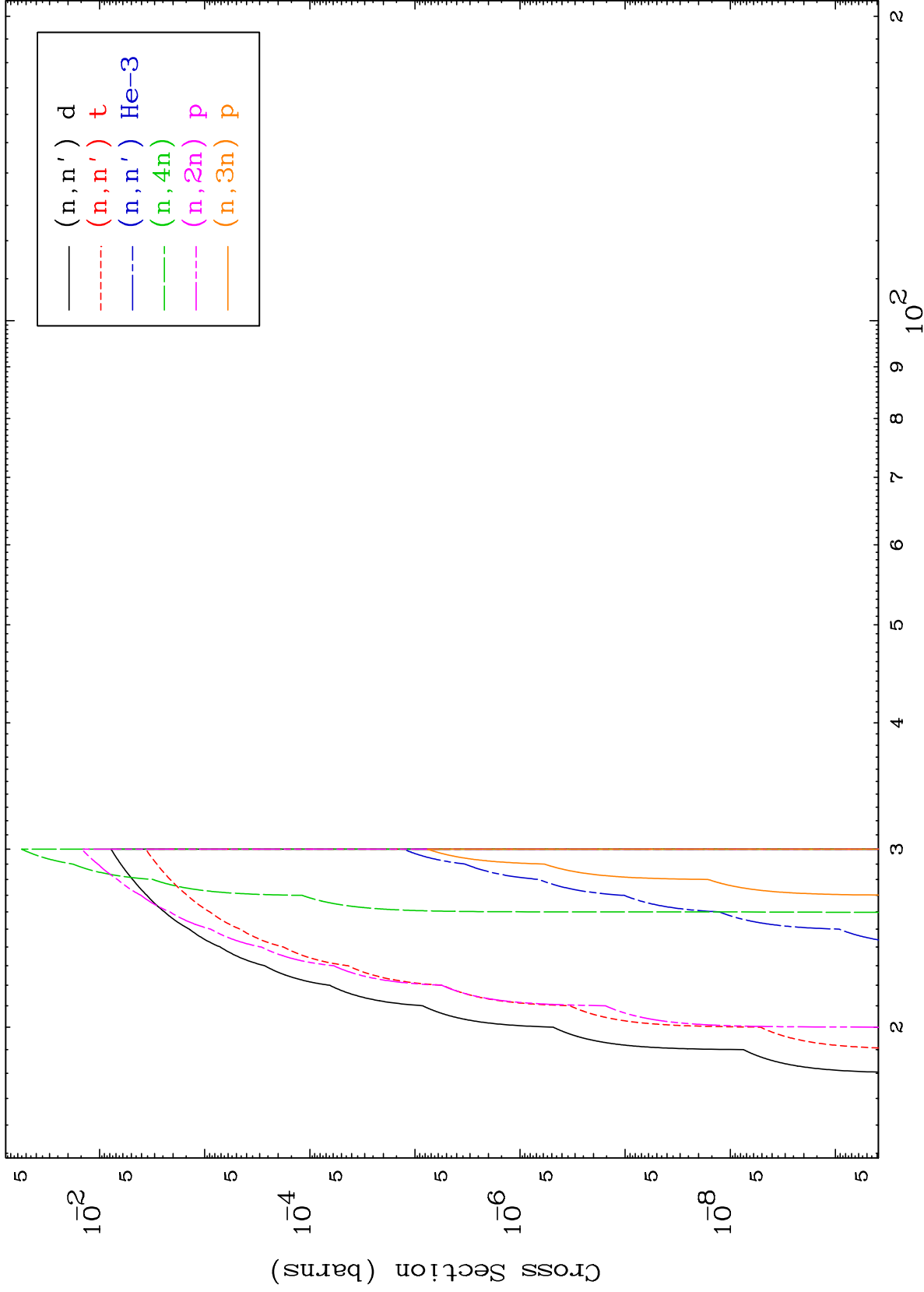
Neutron Production
293 Kelvin Cross Sections

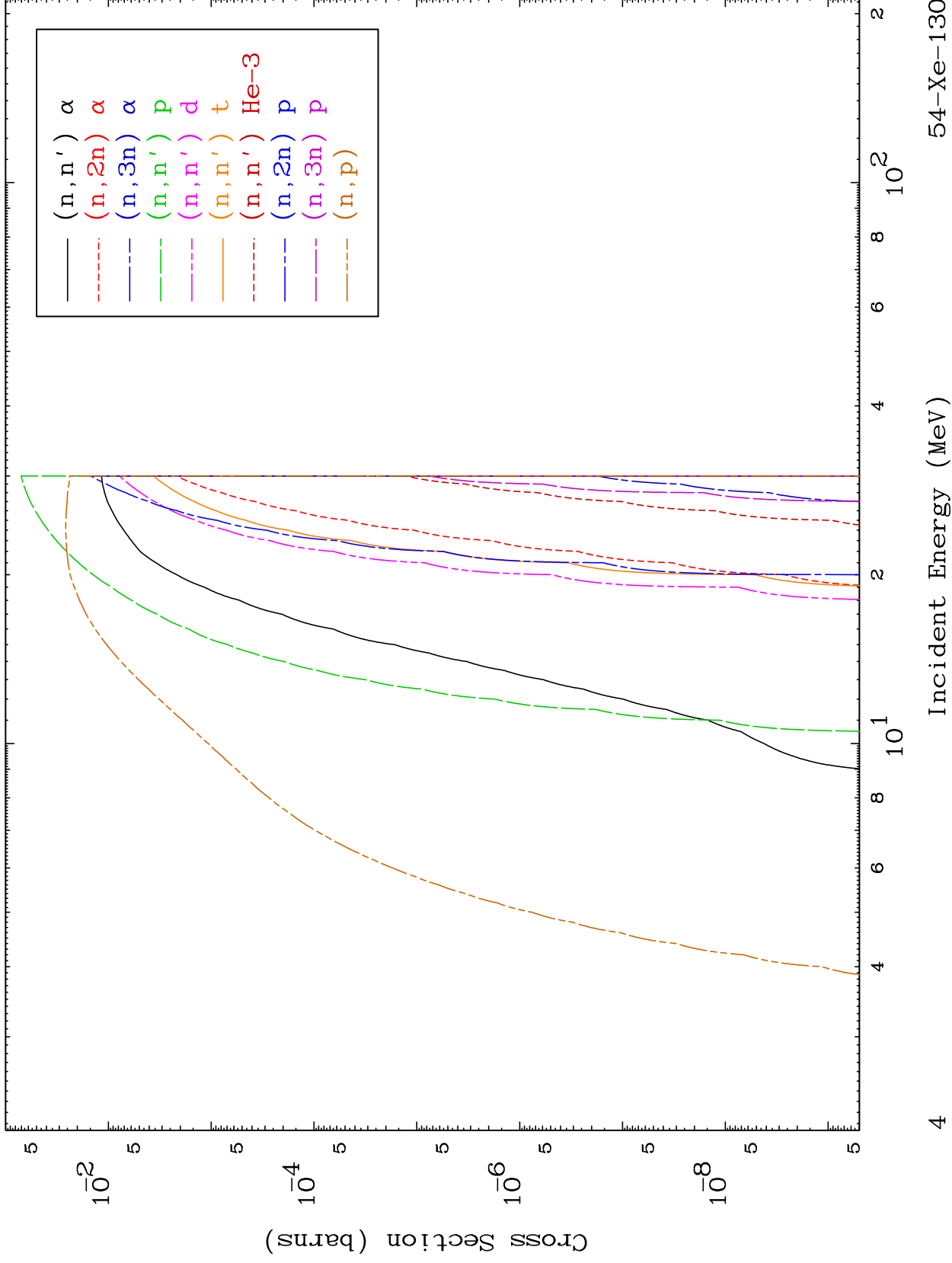
54-Xe-130



54-Xe-130

Incident Energy (MeV)

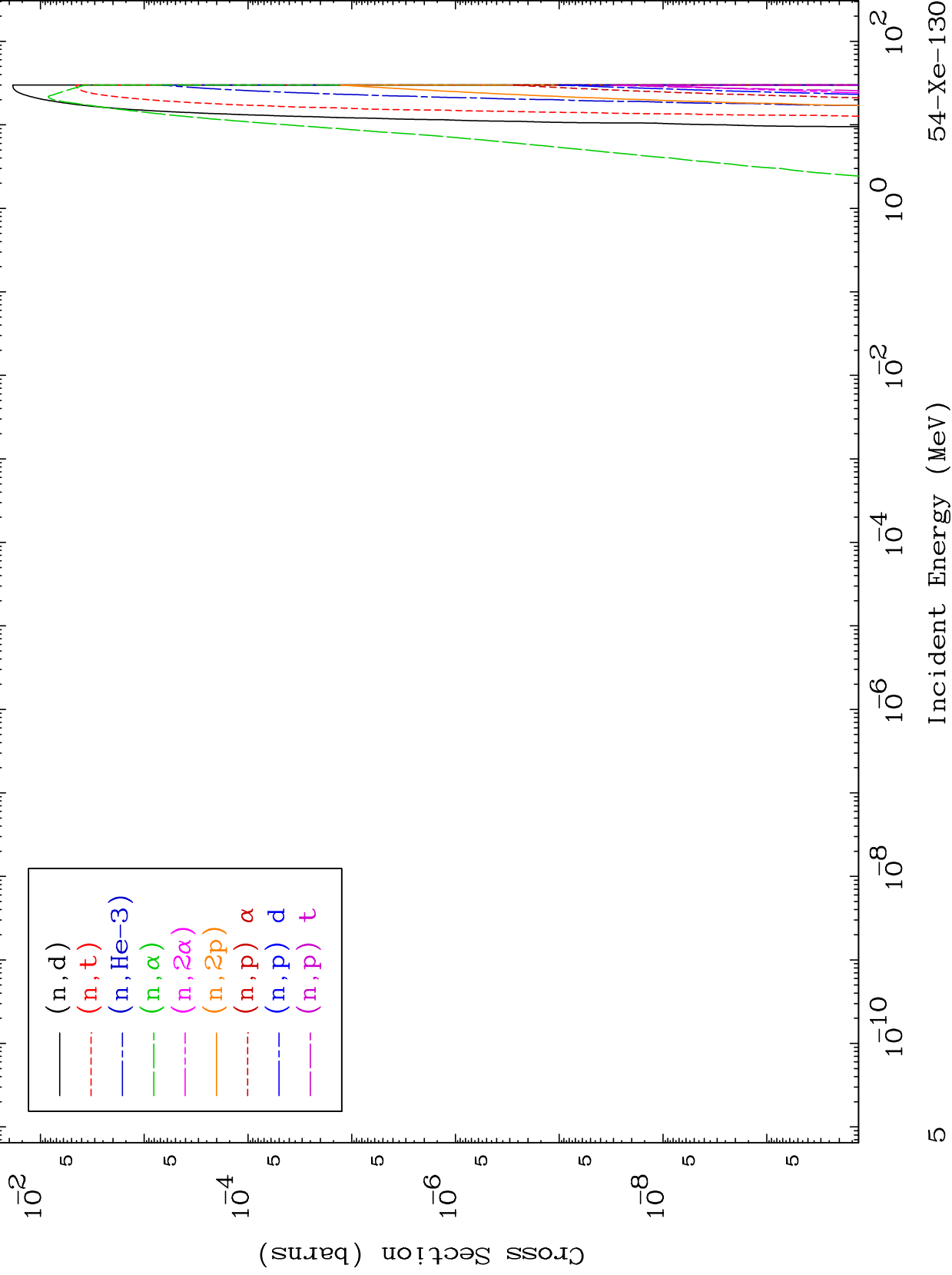




MAT 5443

Charged Particle
293 Kelvin Cross Sections

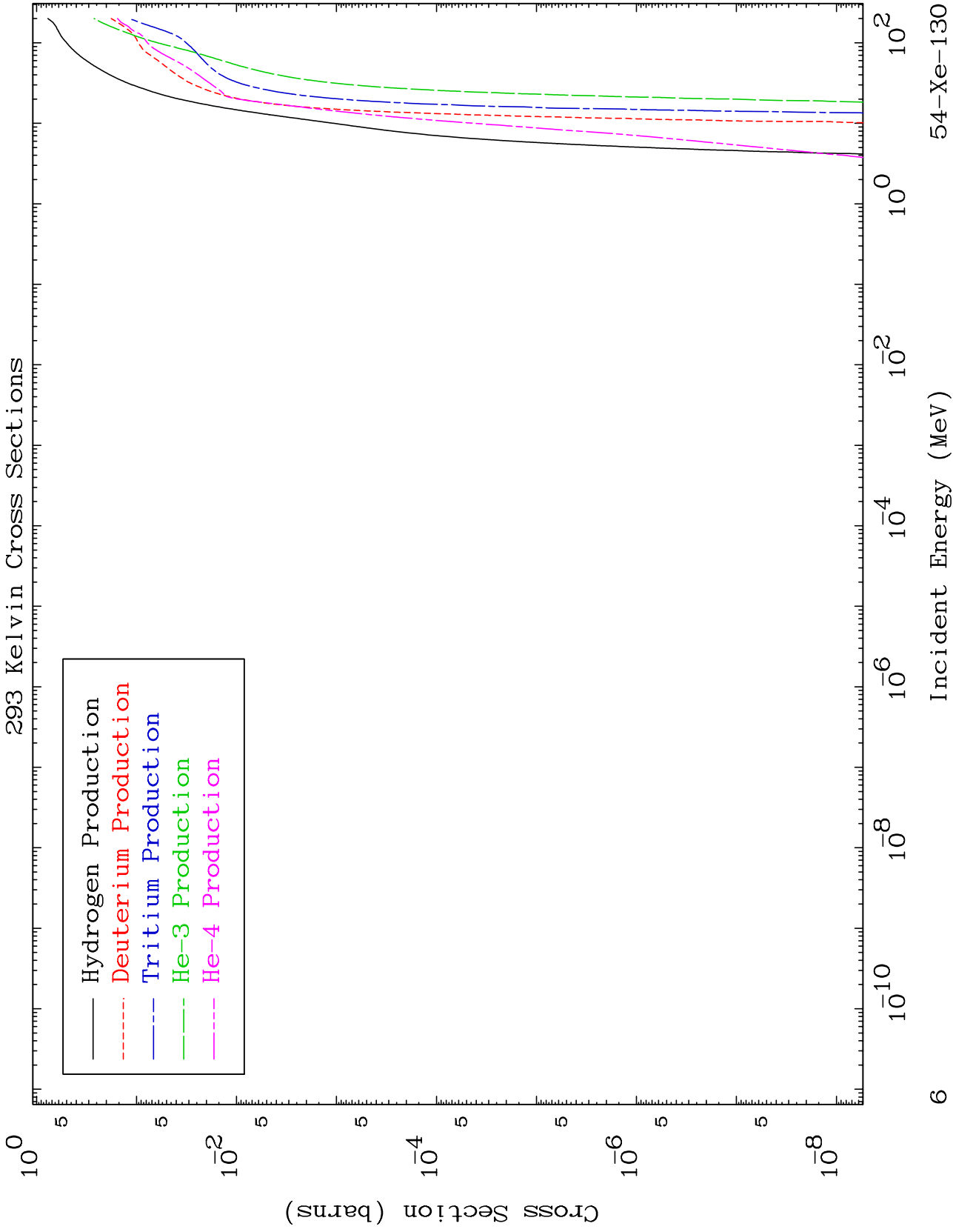
54-Xe-130



MAT 5443

Particle Production
293 Kelvin Cross Sections

54-Xe-130

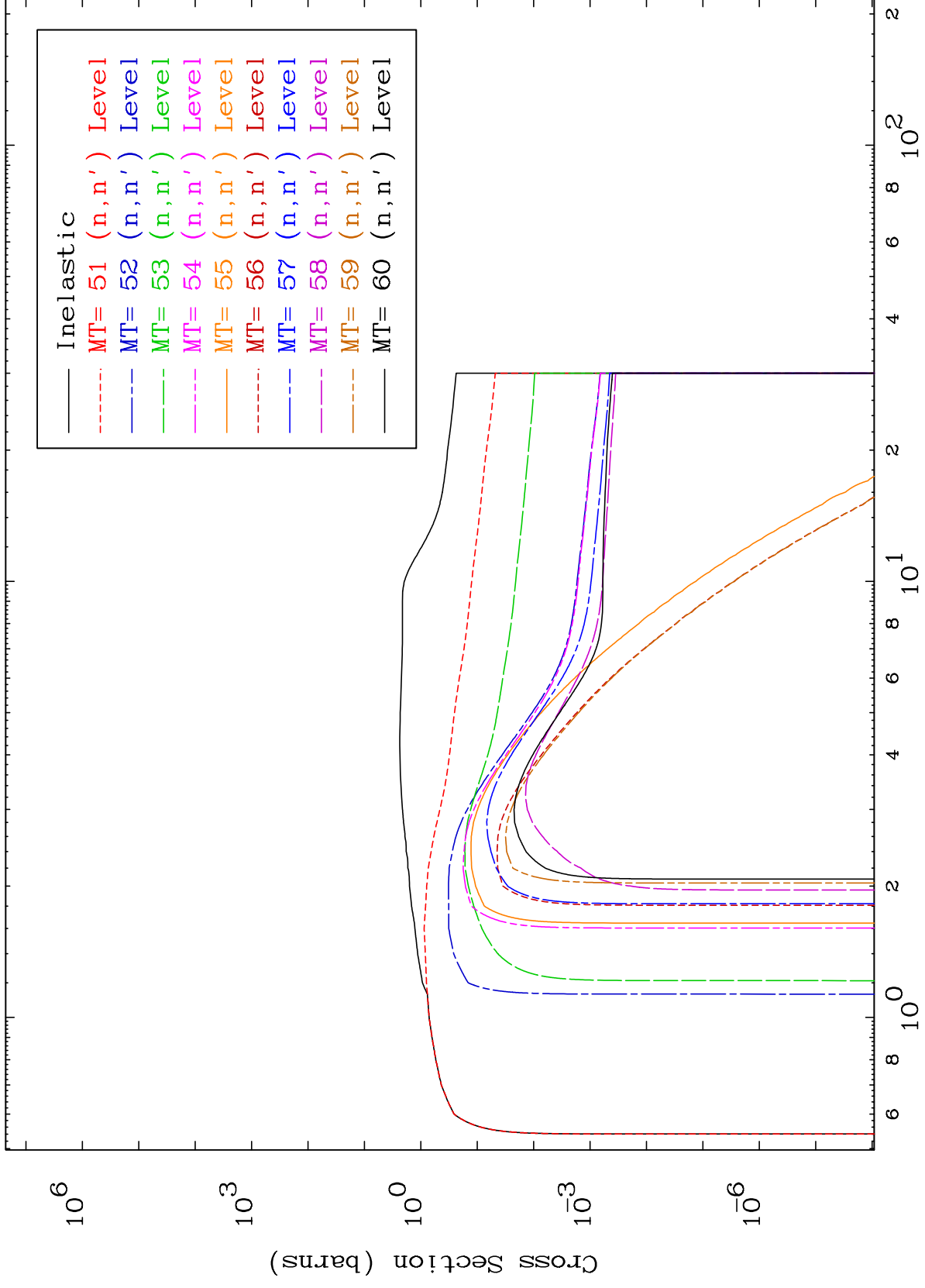


MAT 5443

(n,n') Level

54-Xe-130

293 Kelvin Cross Sections

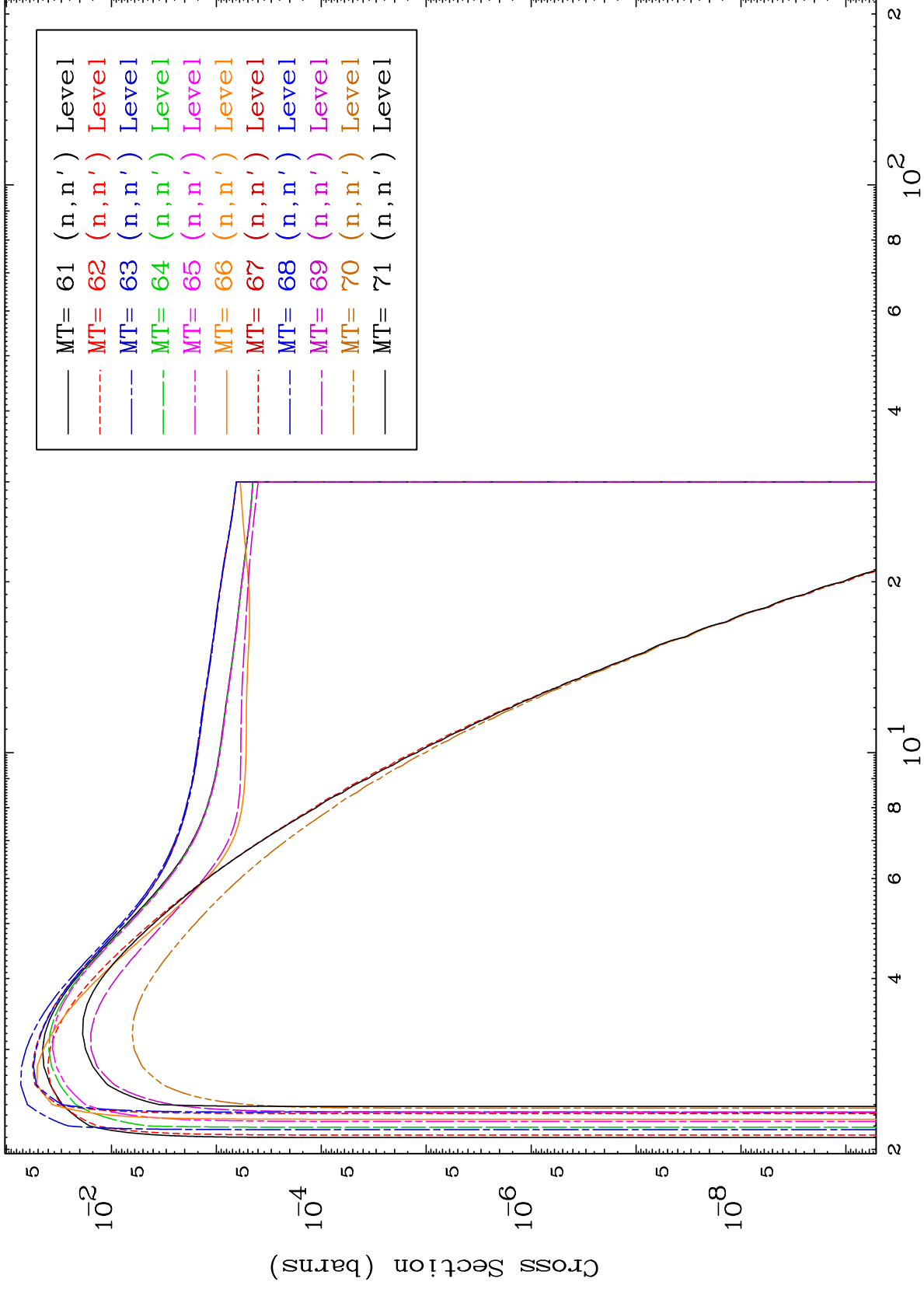


MAT 5443

(n,n') Level

54-Xe-130

293 Kelvin Cross Sections

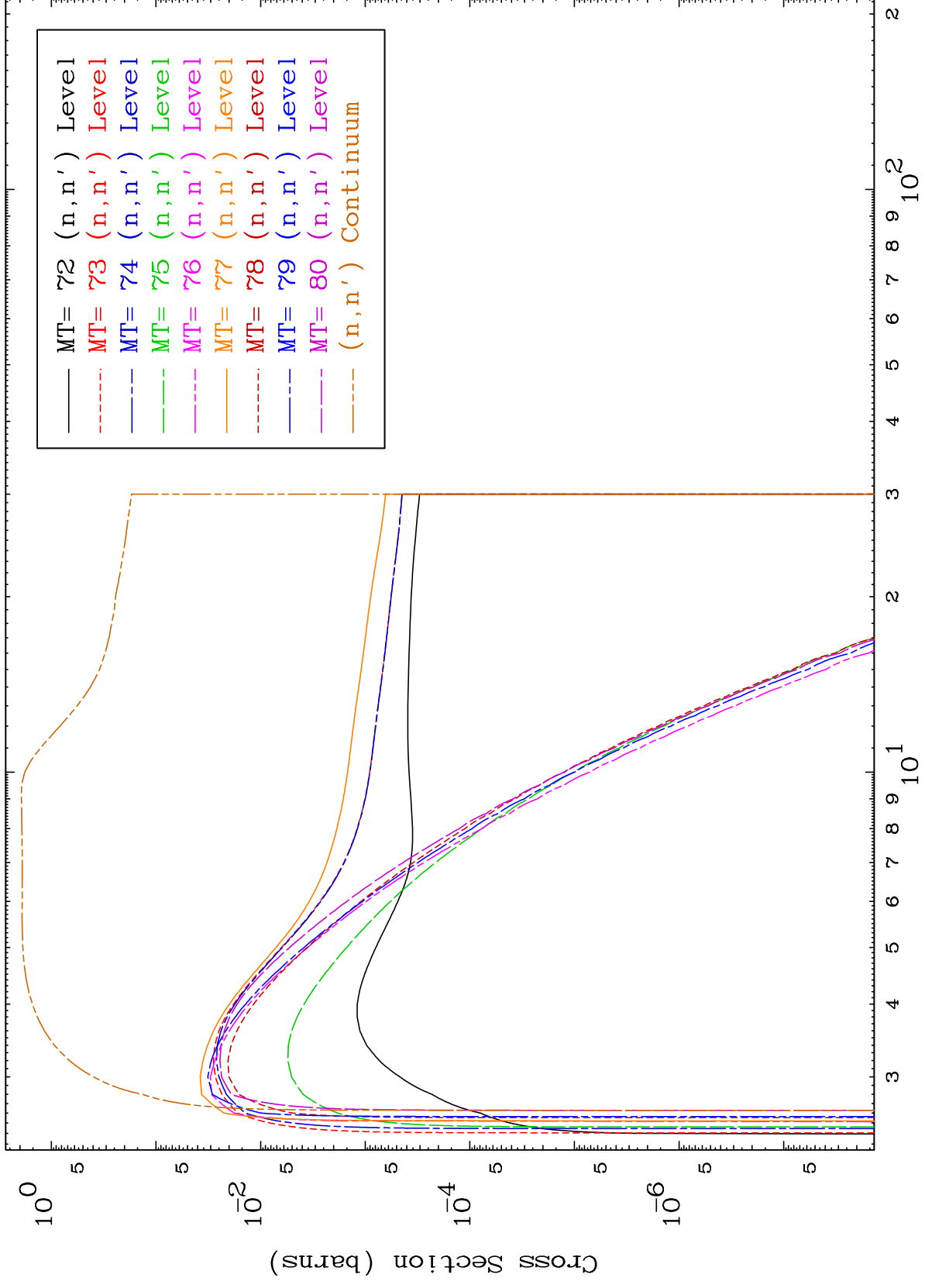


54-Xe-130

Incident Energy (MeV)

8

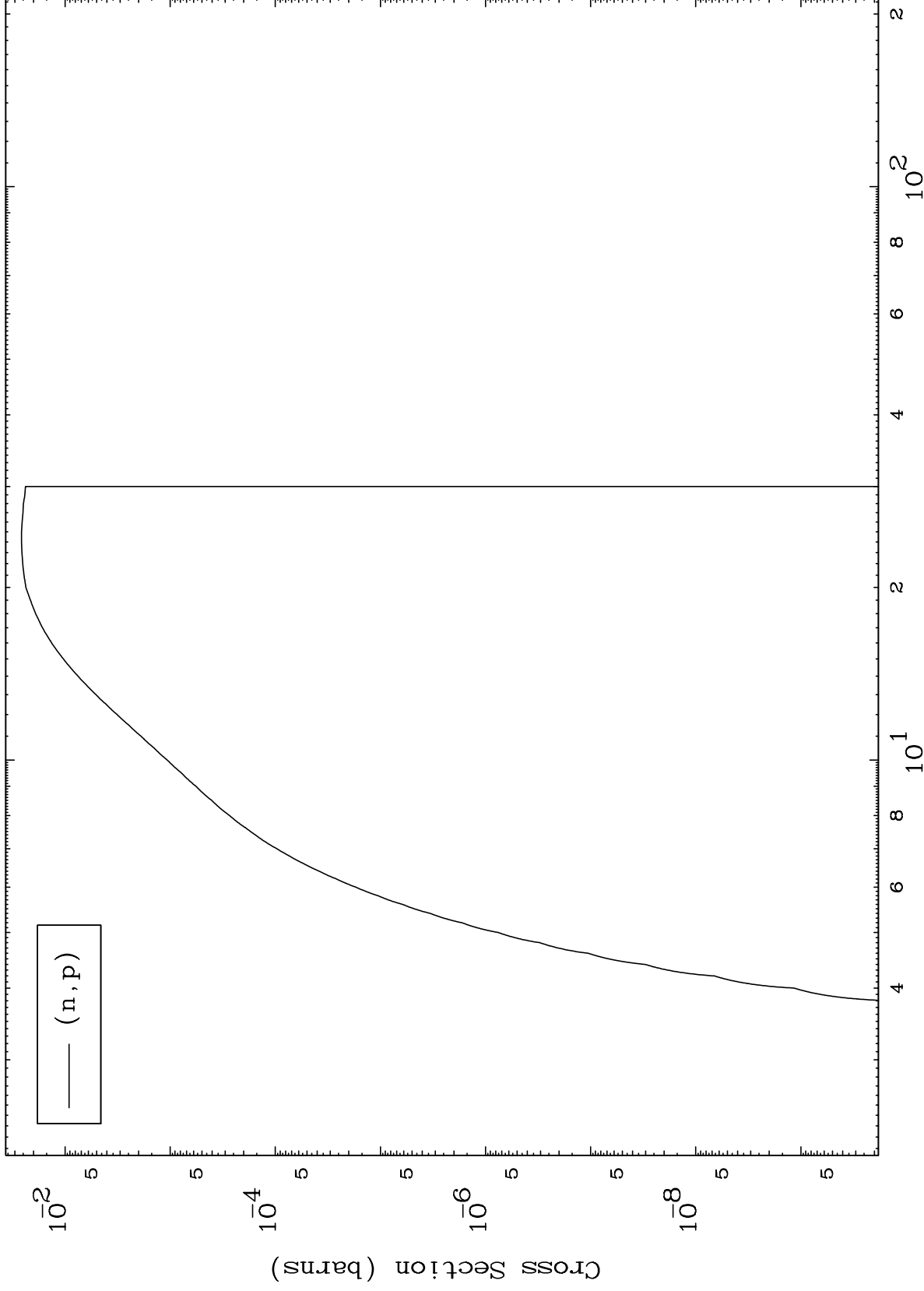
293 Kelvin Cross Sections



MAT 5443

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-130



10

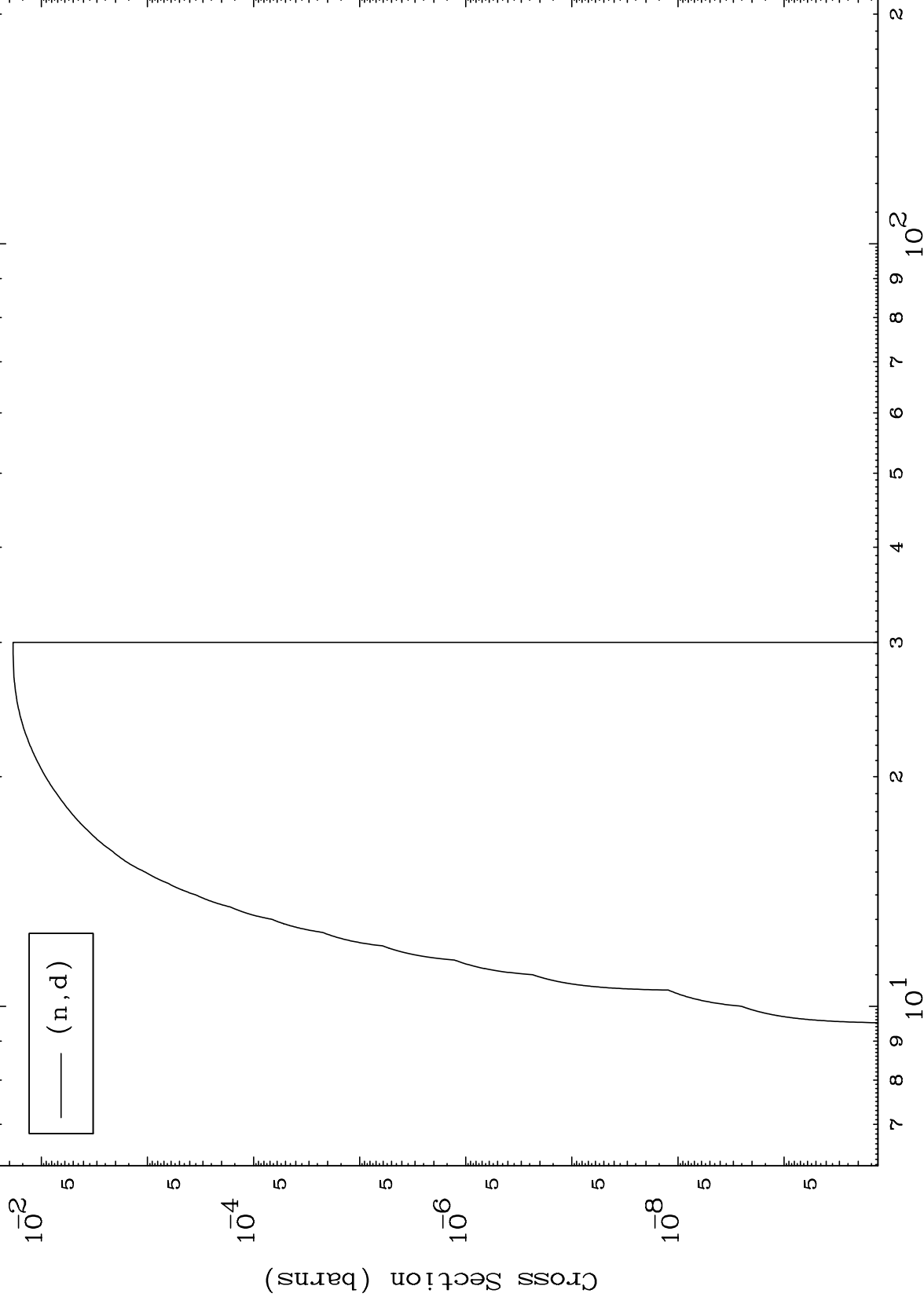
Incident Energy (MeV)

54-Xe-130

MAT 5443

(n,d) Levels
293 Kelvin Cross Sections

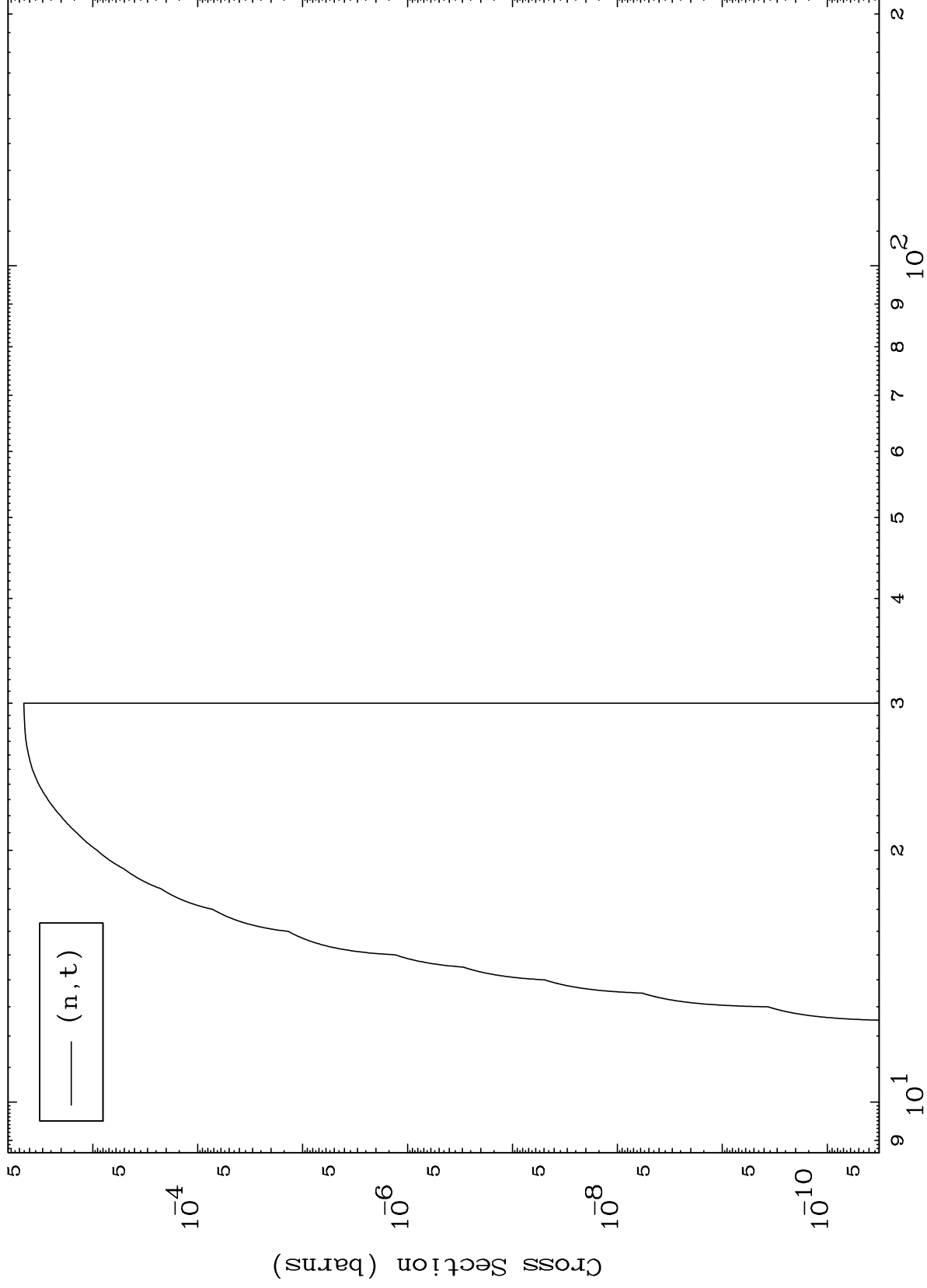
54-Xe-130



MAT 5443

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-130



12

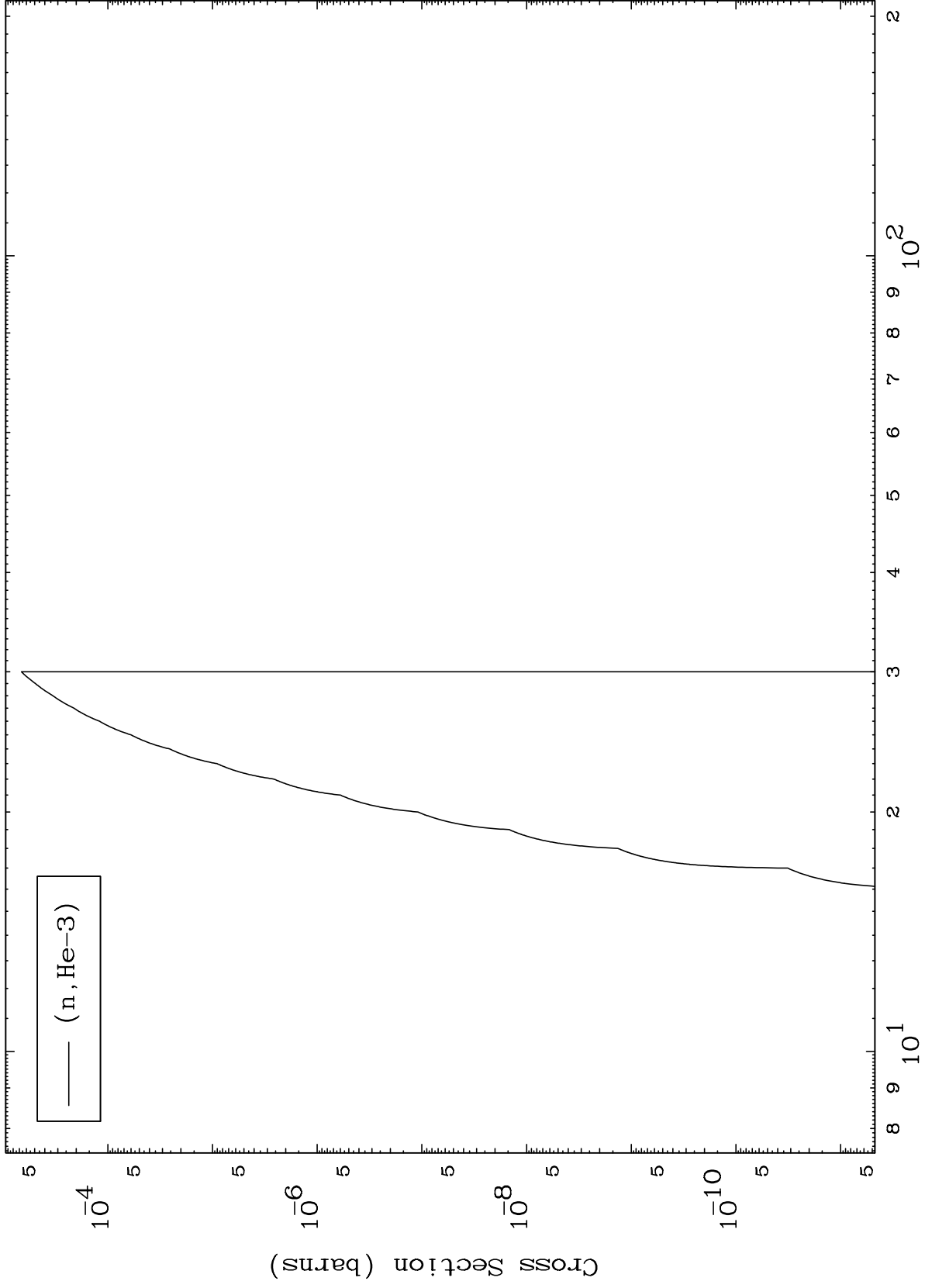
Incident Energy (MeV)

54-Xe-130

MAT 5443

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-130



13

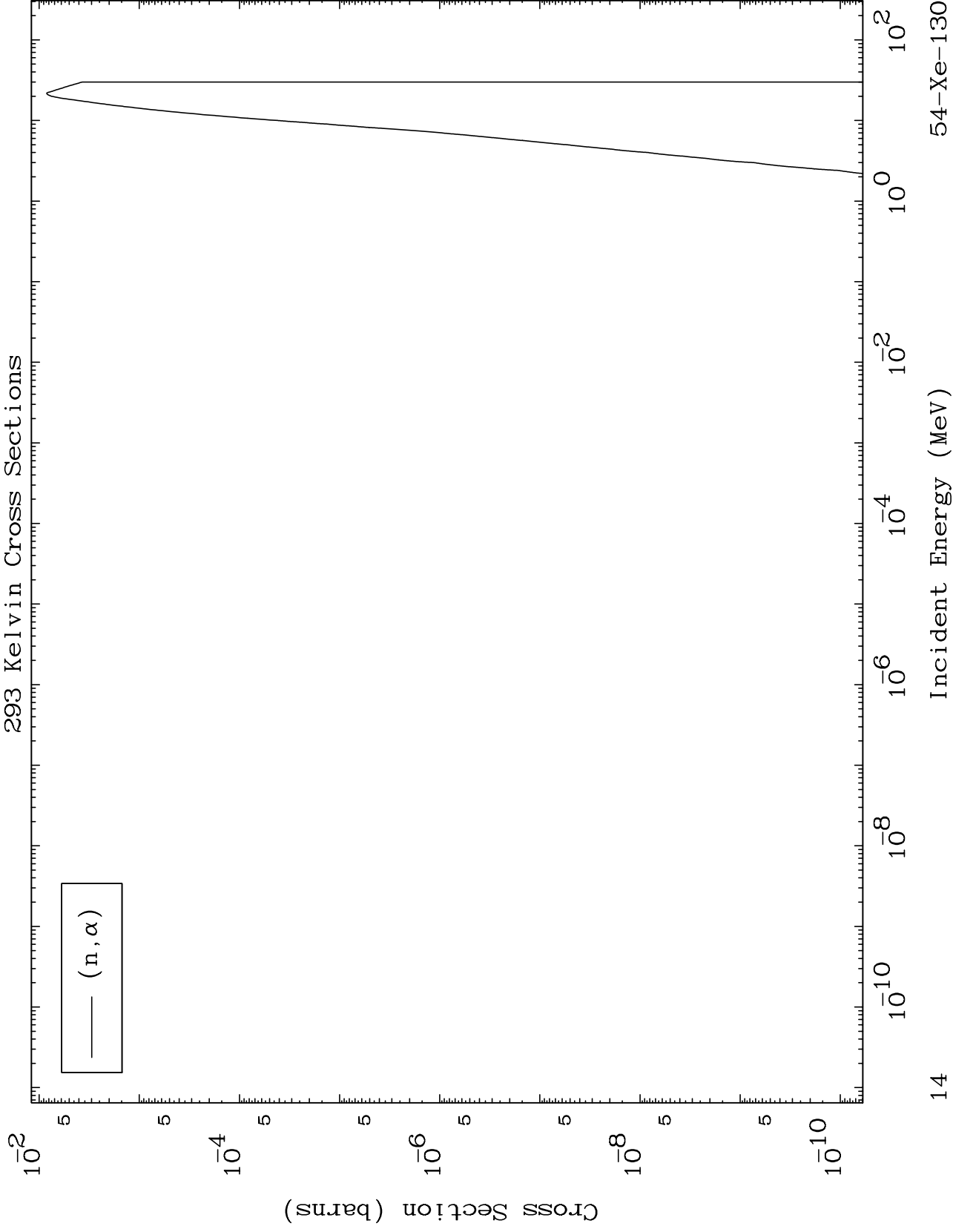
Incident Energy (MeV)

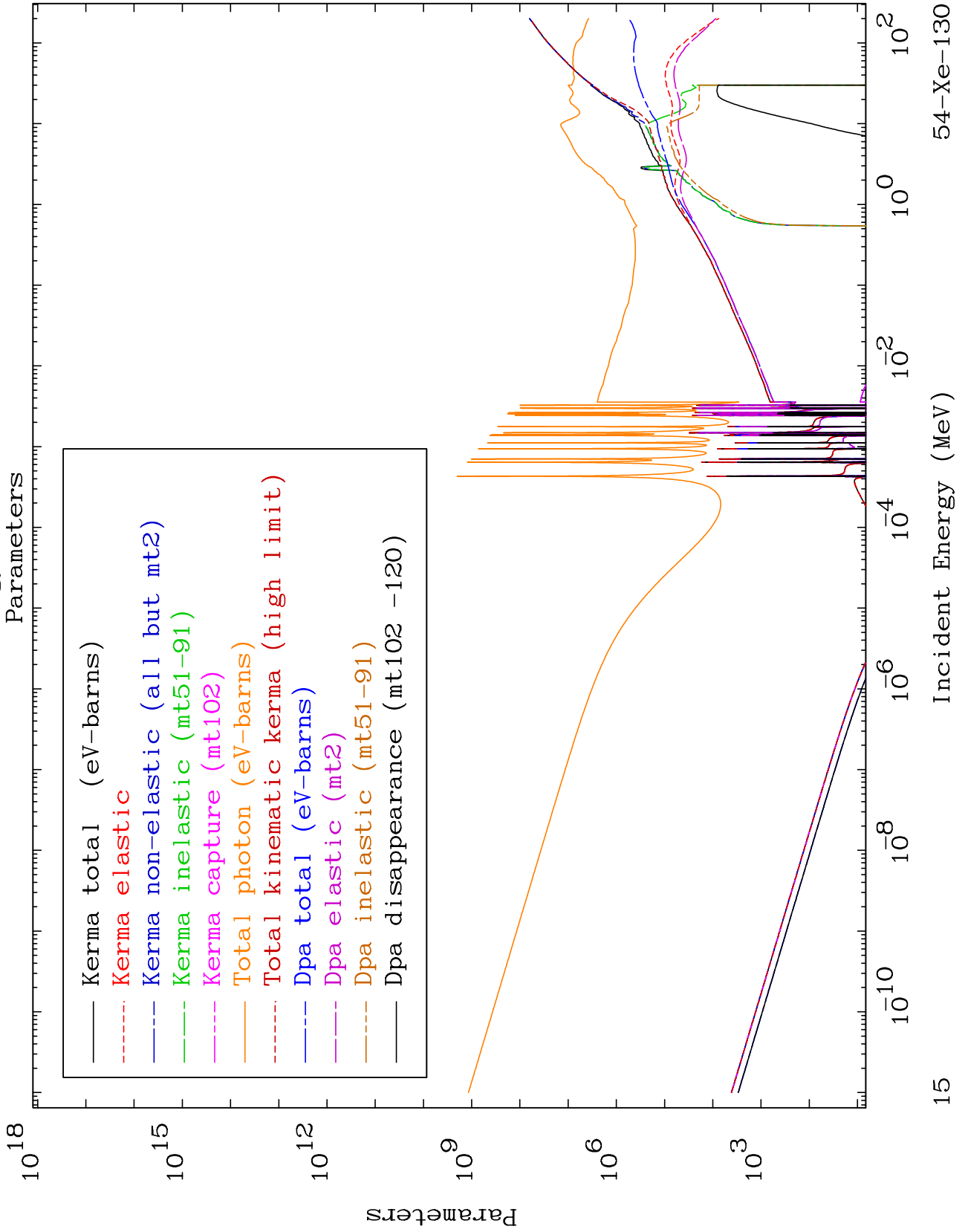
54-Xe-130

MAT 5443

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-130

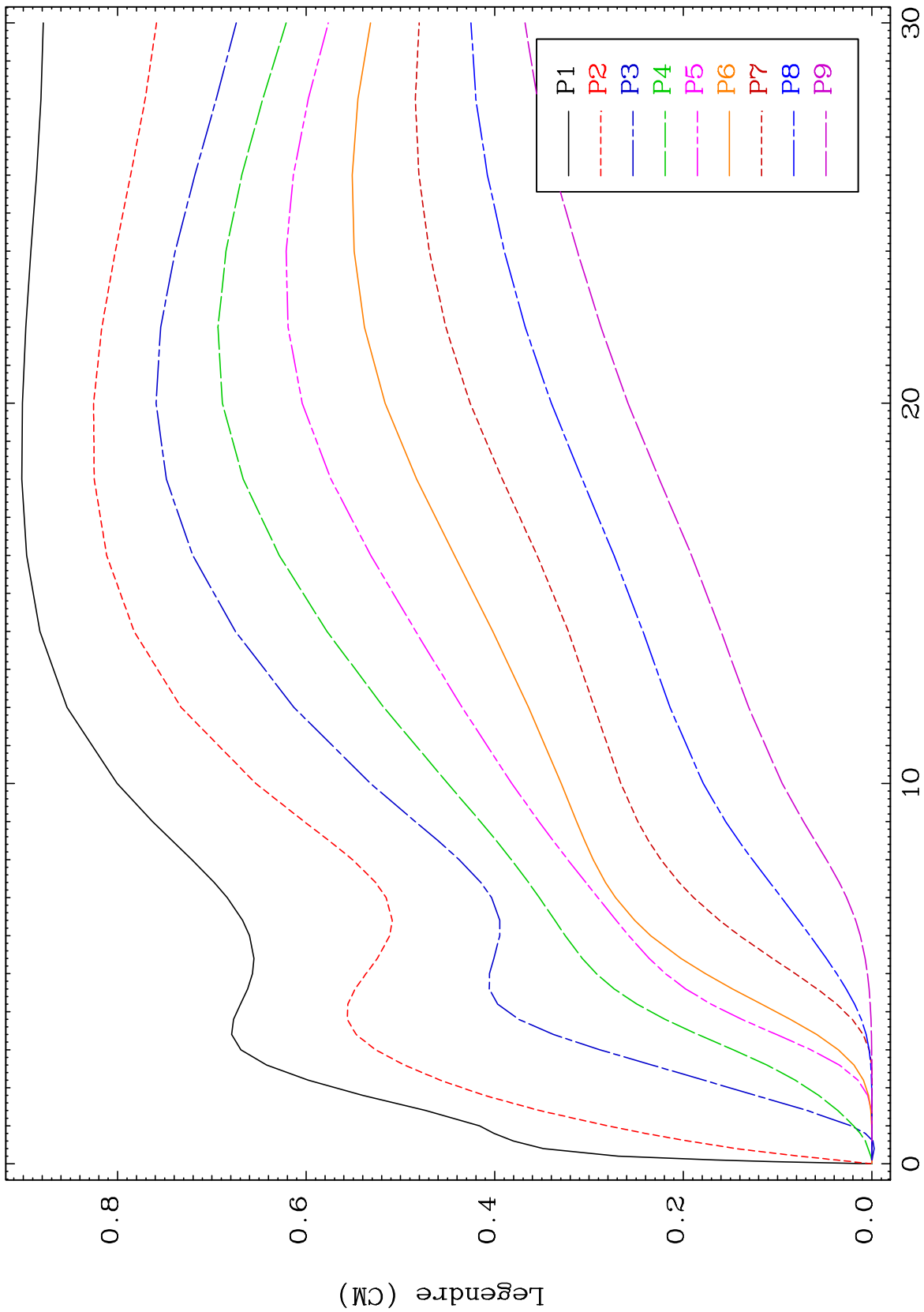




MAT 5443

54-Xe-130

Elastic Legendre Coefficients



16

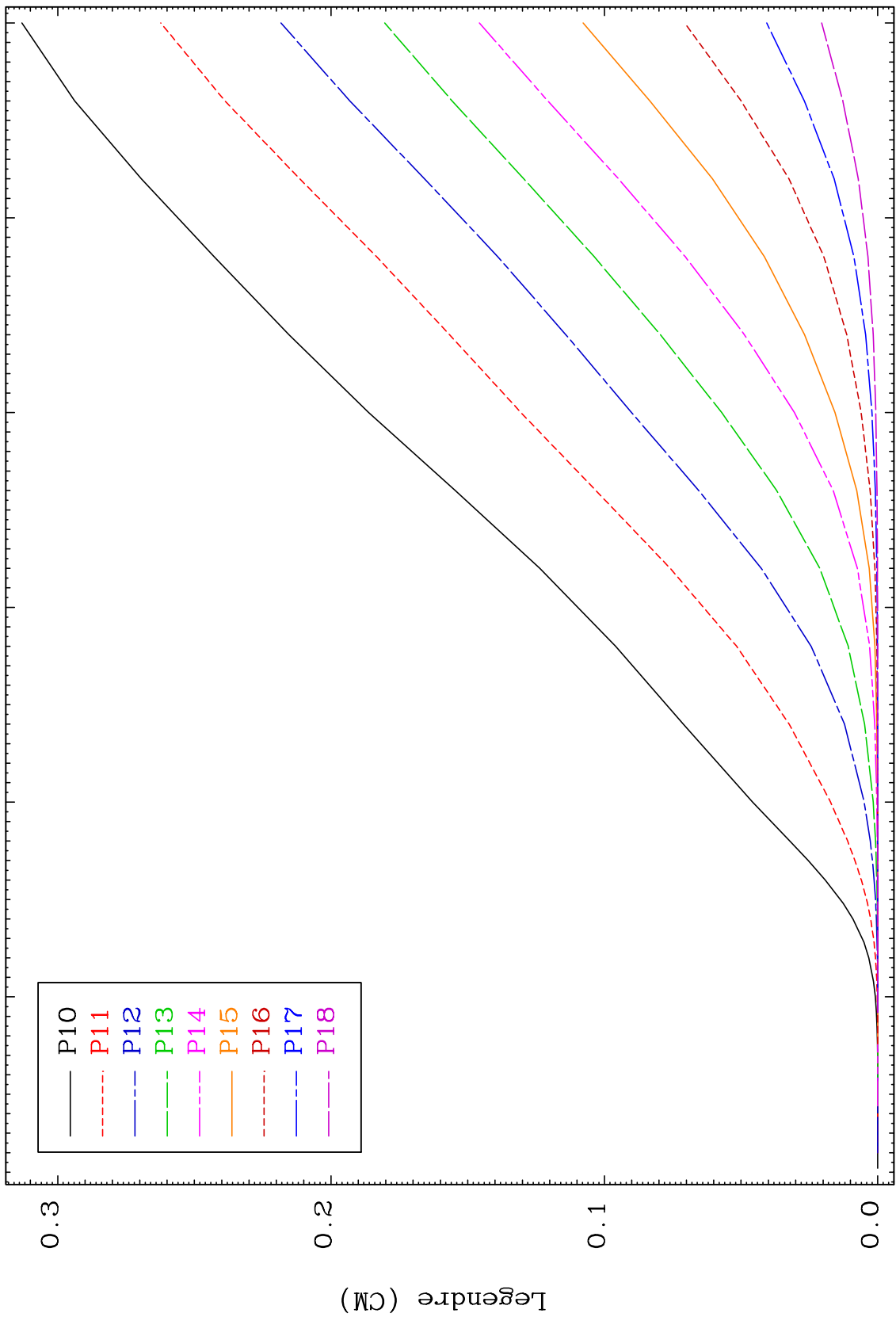
Incident Energy (MeV)

54-Xe-130

MAT 5443

Elastic Legendre Coefficients

54-Xe-130



17

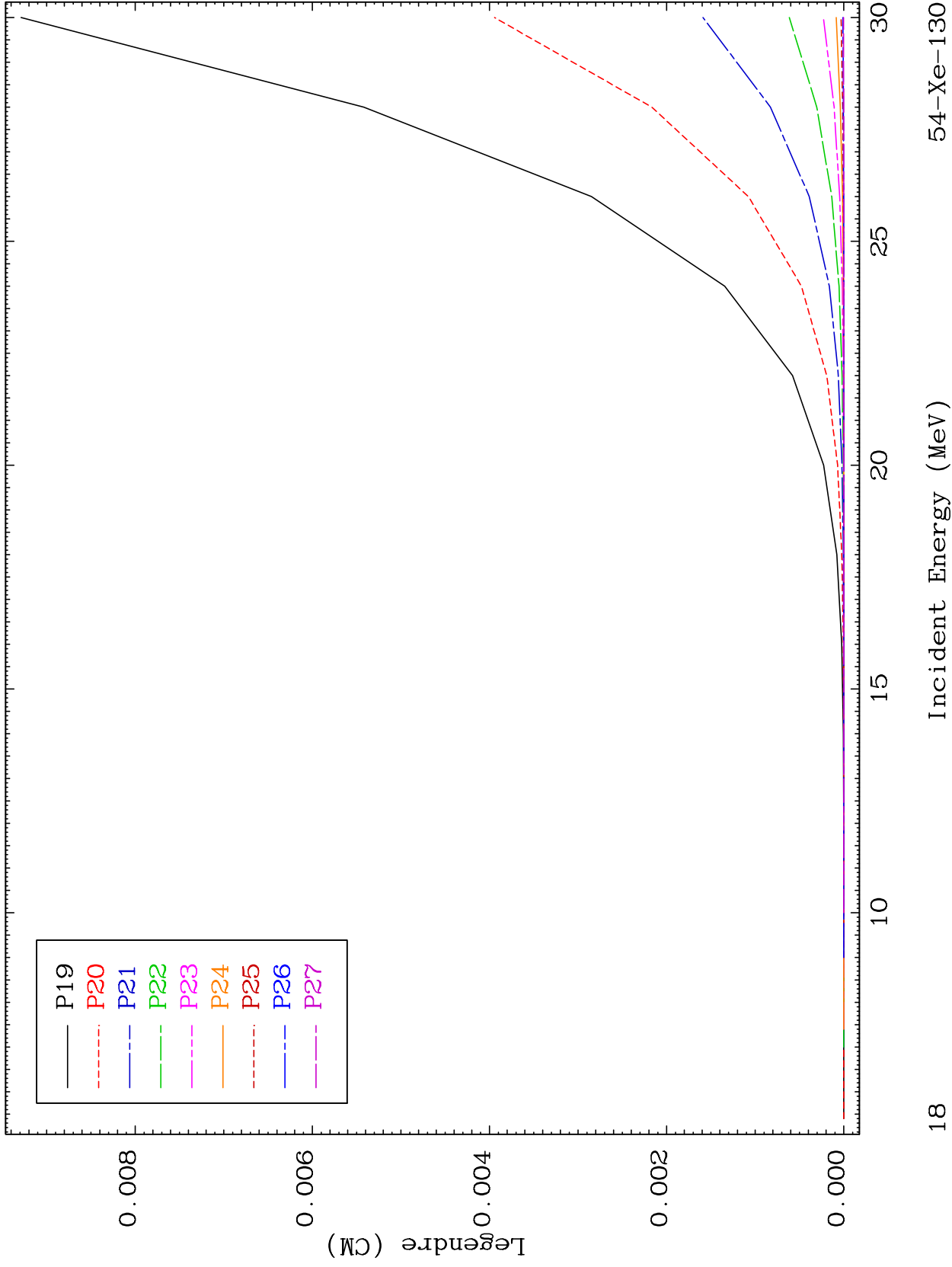
Incident Energy (MeV)

54-Xe-130

MAT 5443

Elastic Legendre Coefficients

54-Xe-130



18

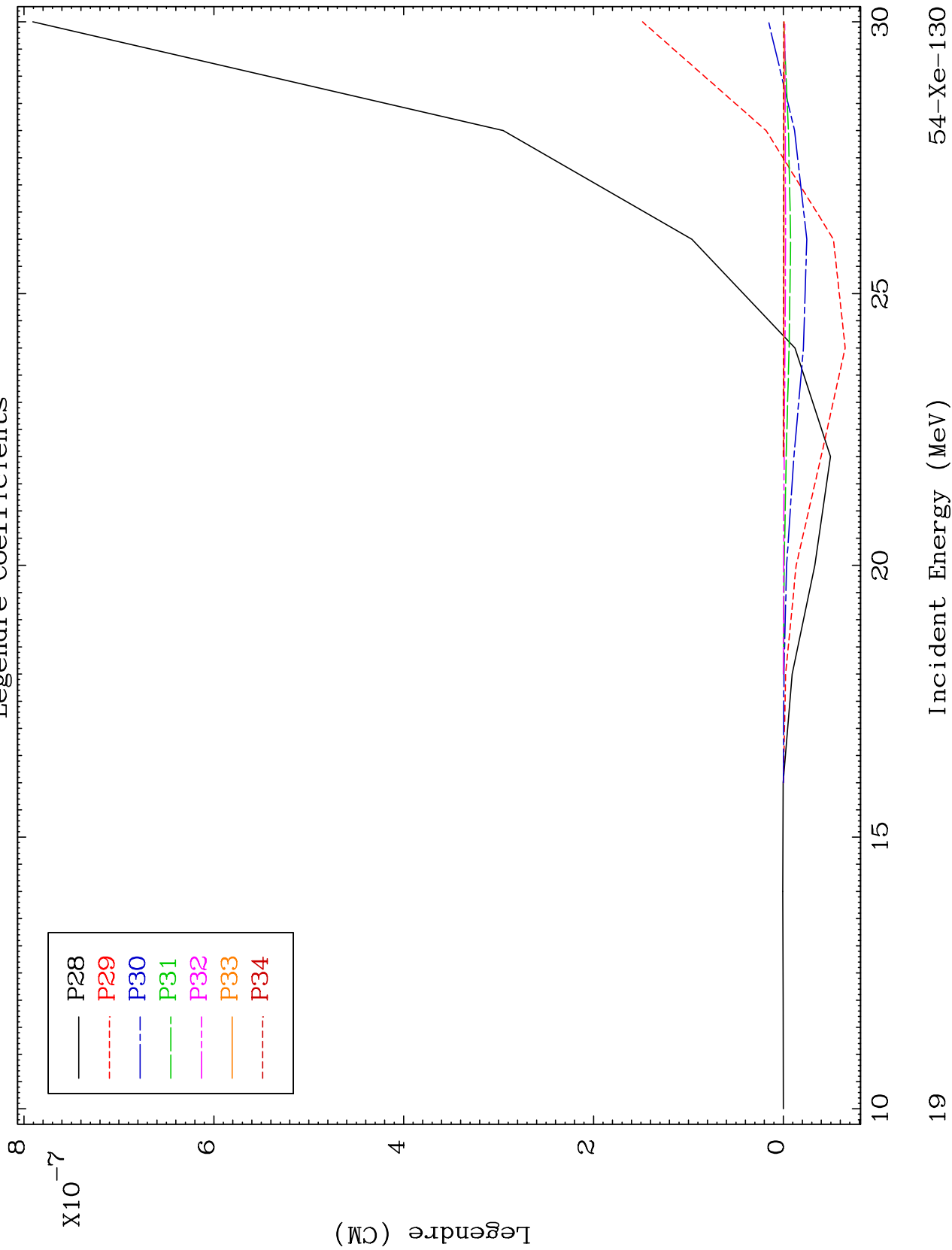
Incident Energy (MeV)

54-Xe-130

MAT 5443

Elastic Legendre Coefficients

54-Xe-130



19

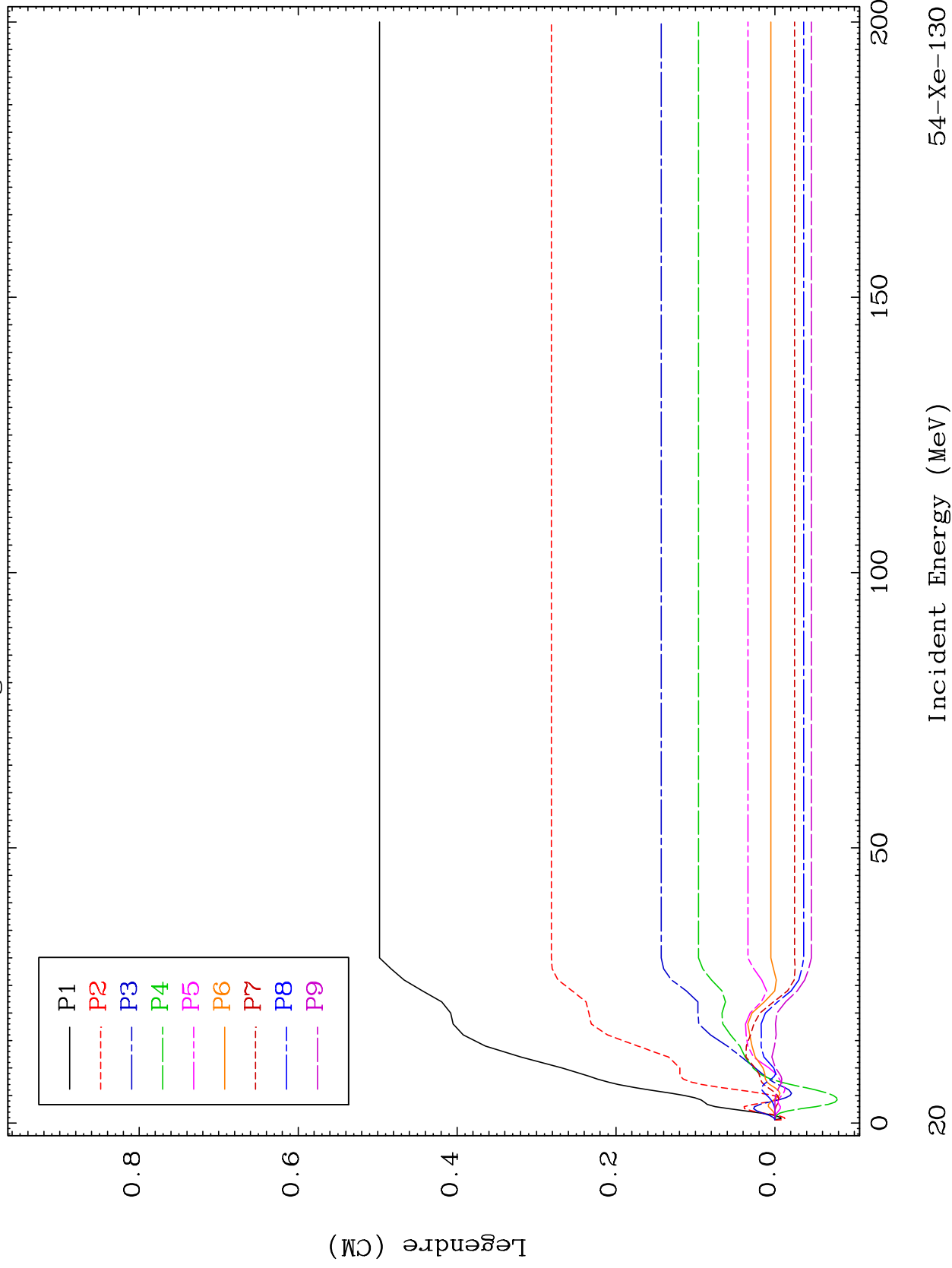
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



54-Xe-130

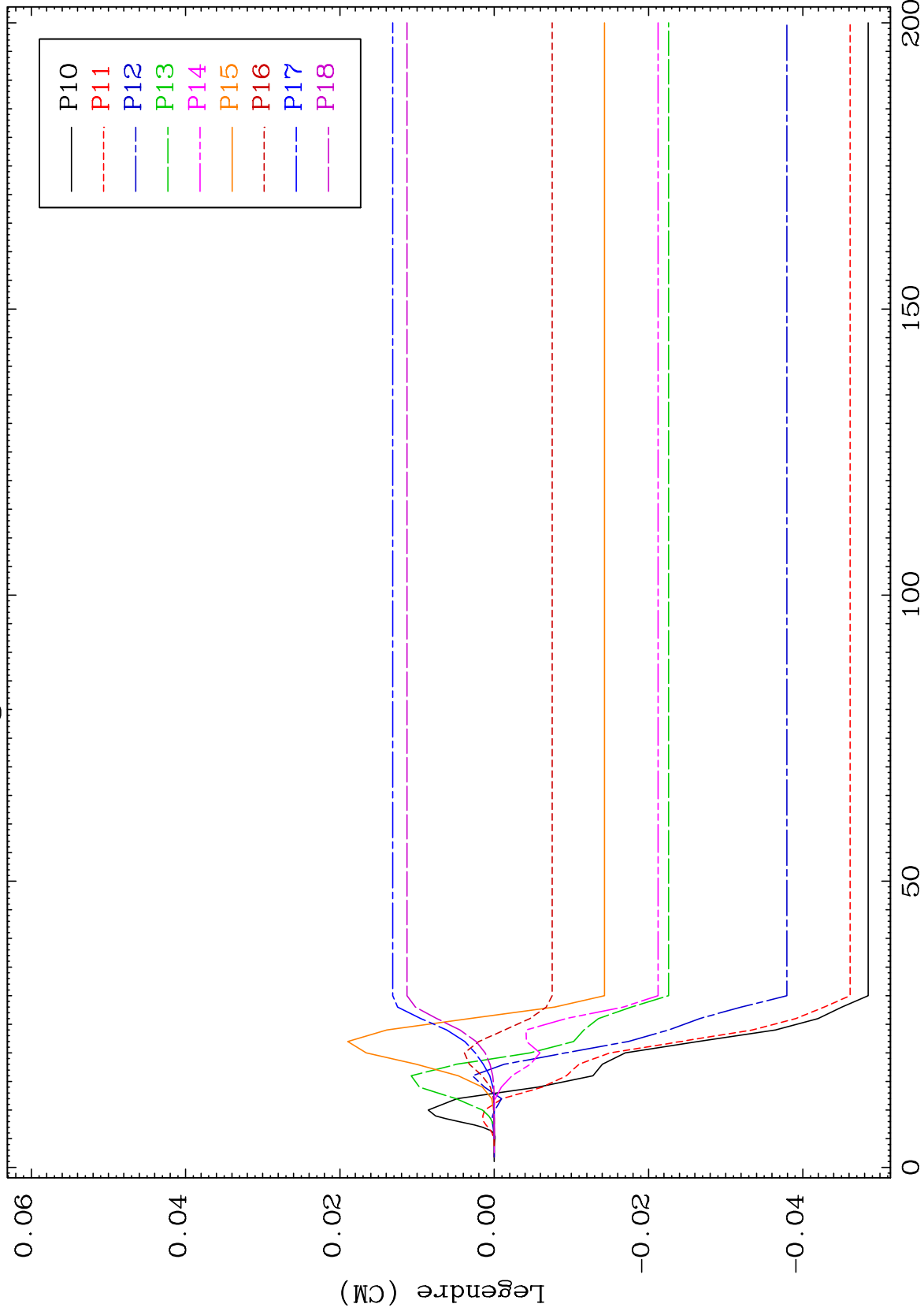
Incident Energy (MeV)

0

MAT 5443

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

54-Xe-130



21

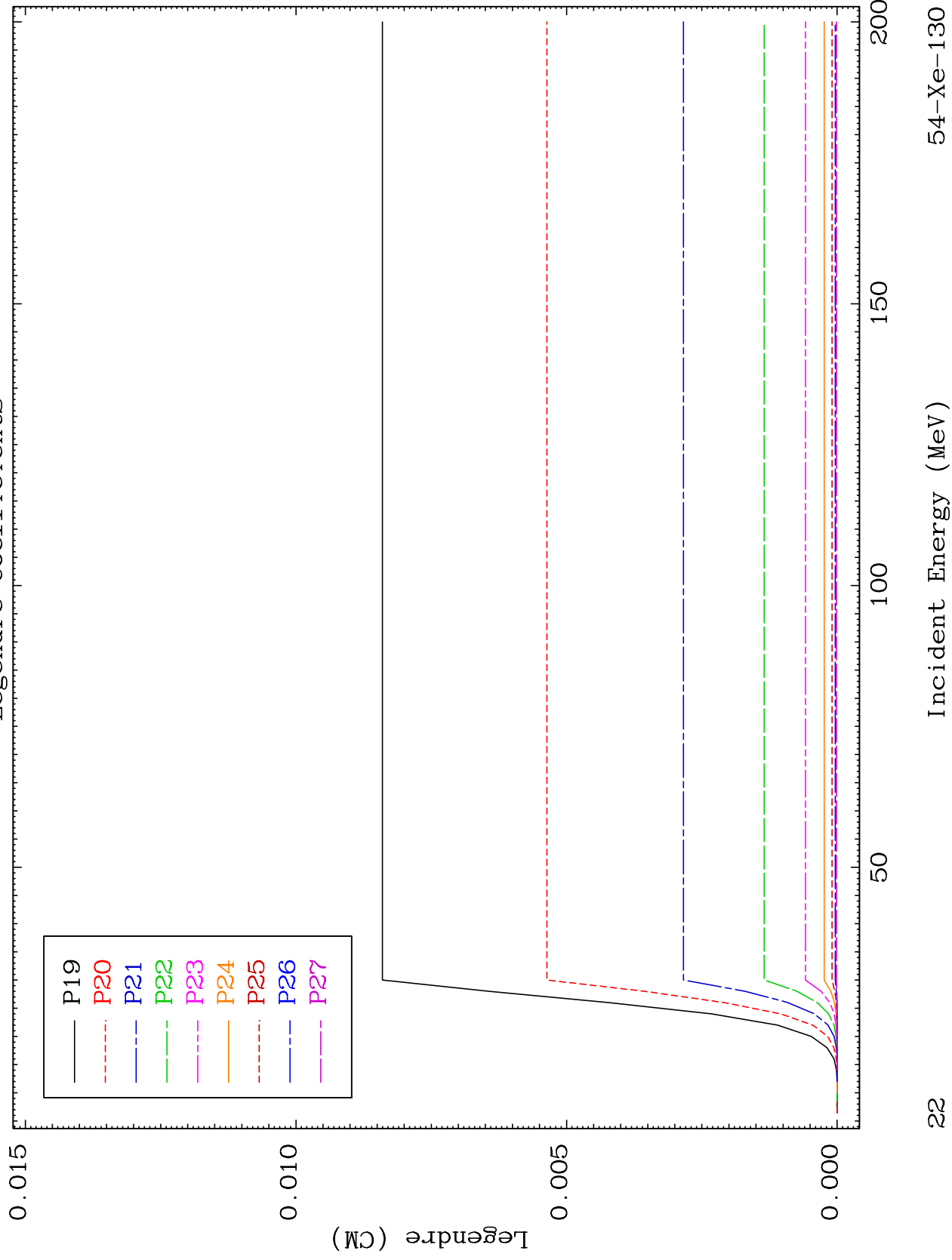
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

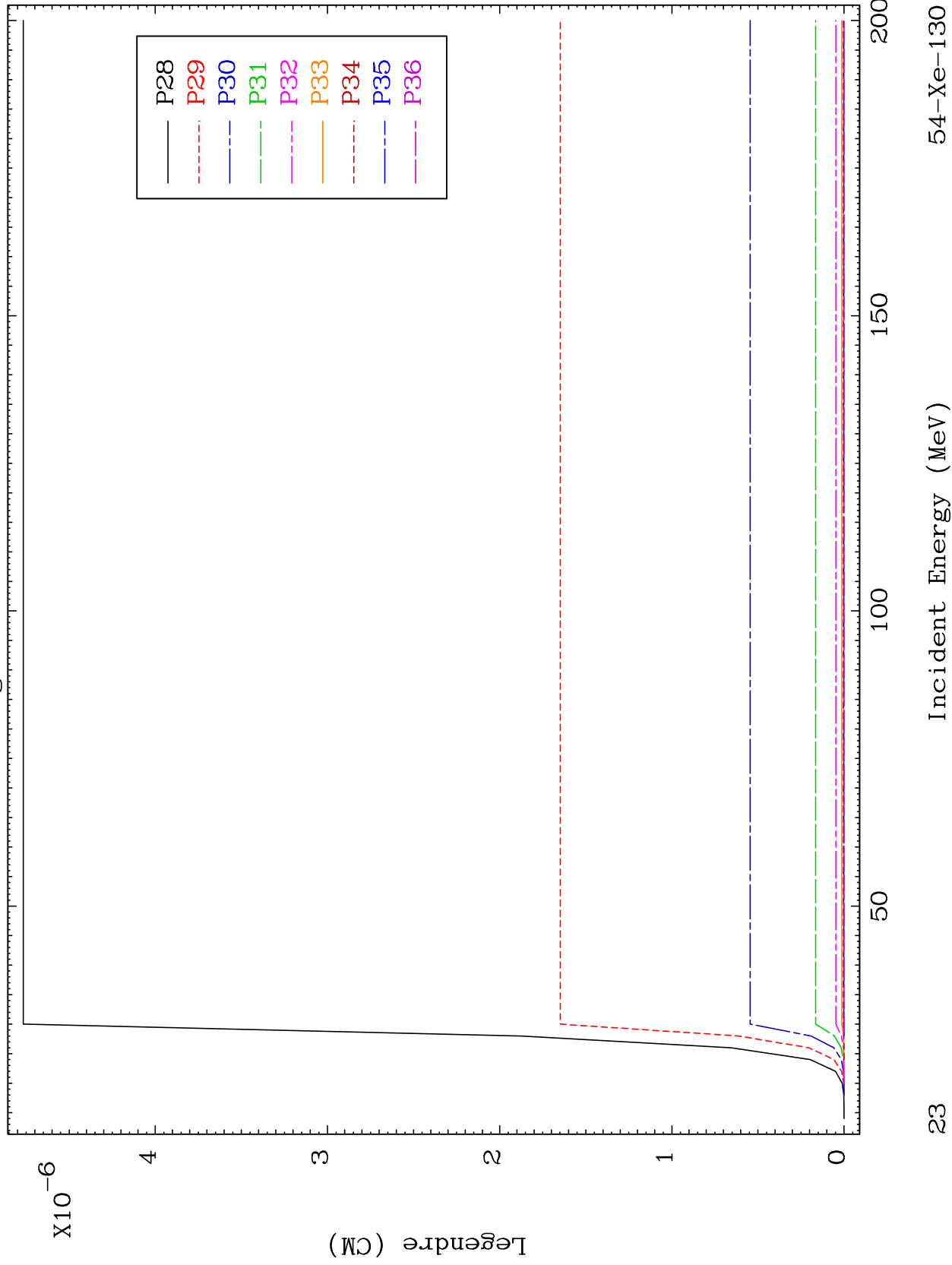
54-Xe-130



MAT 5443

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

54-Xe-130



23

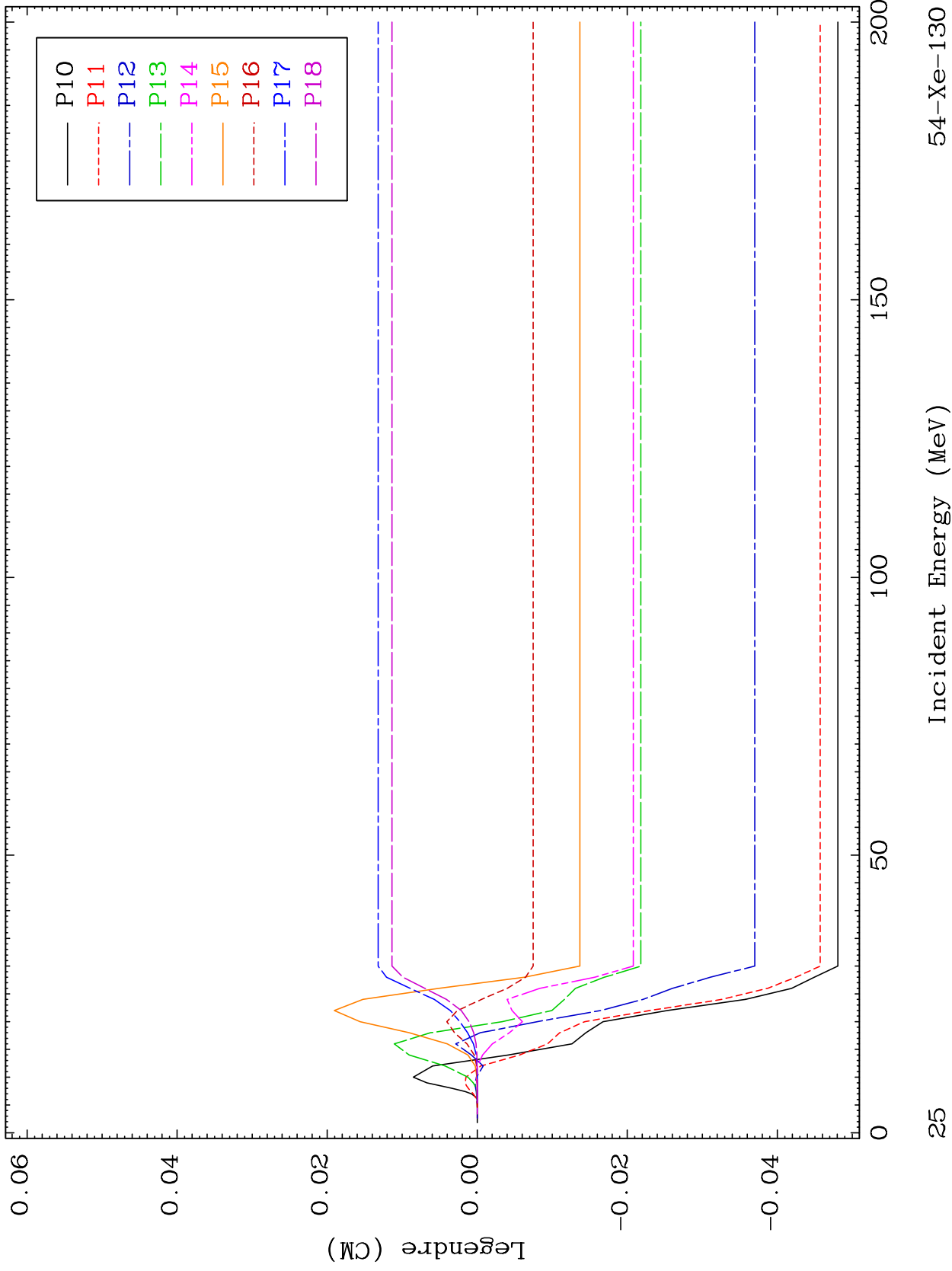
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



54-Xe-130

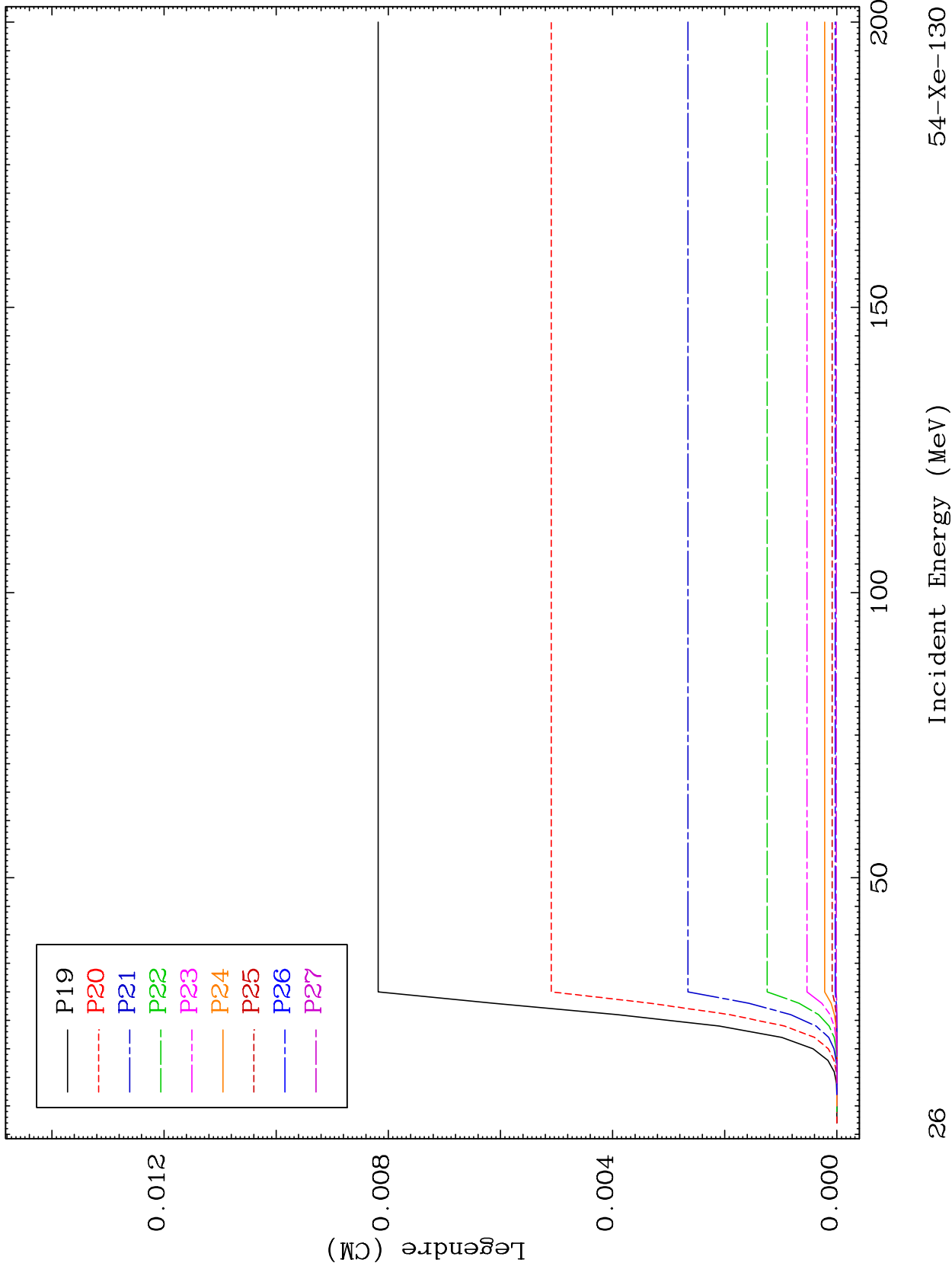
Incident Energy (MeV)

25

MAT 5443

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

54-Xe-130



26

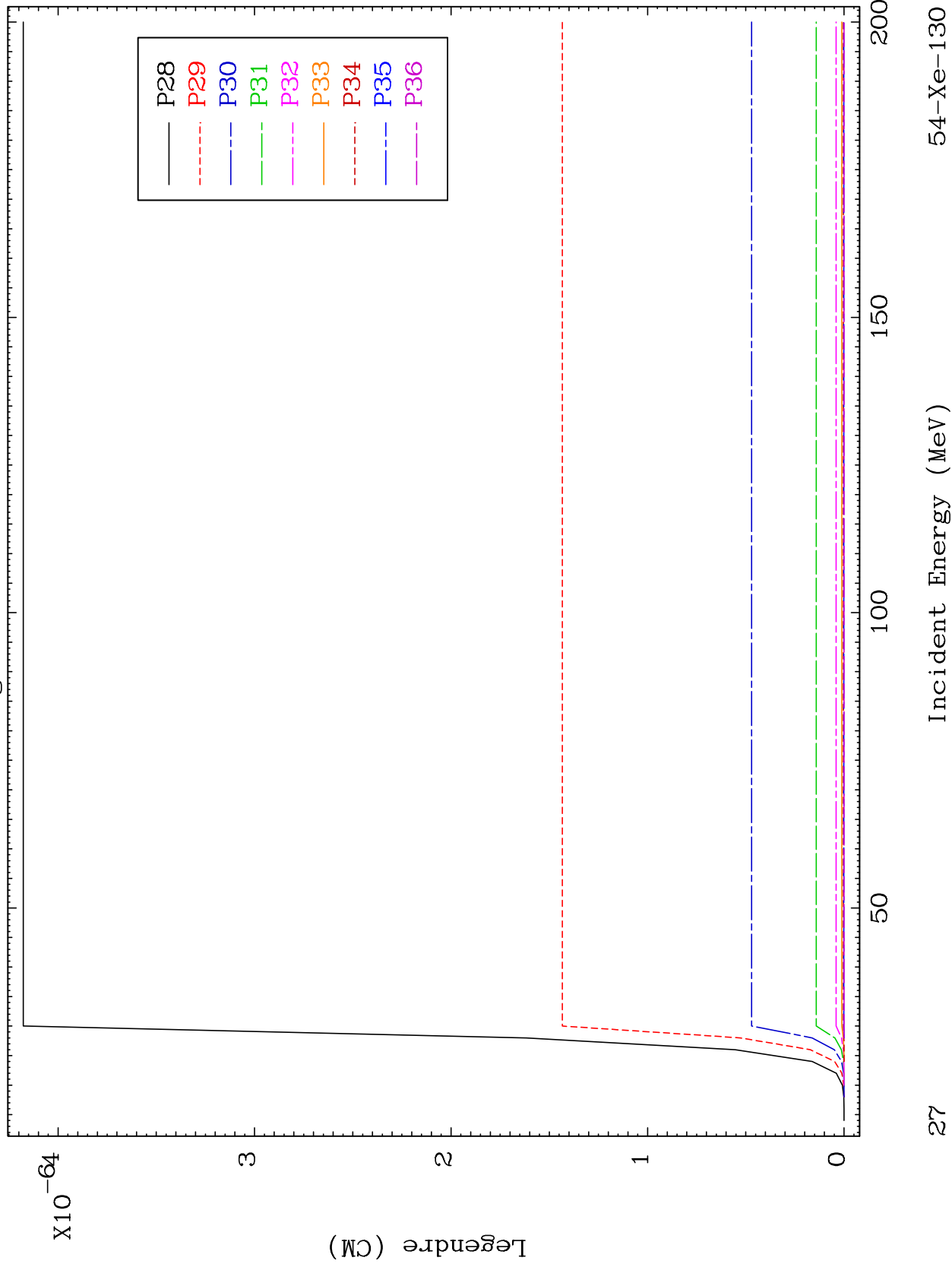
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

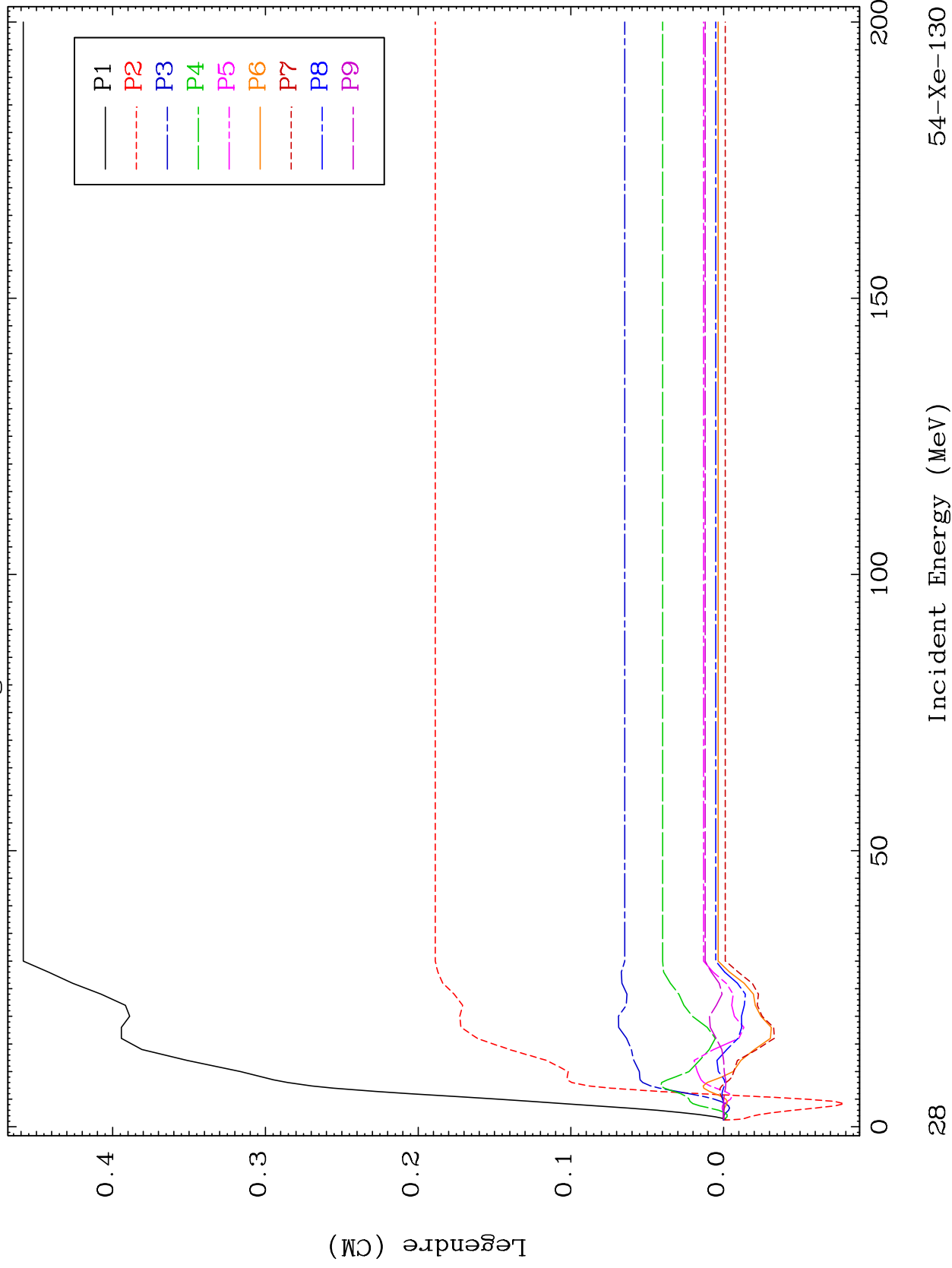
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

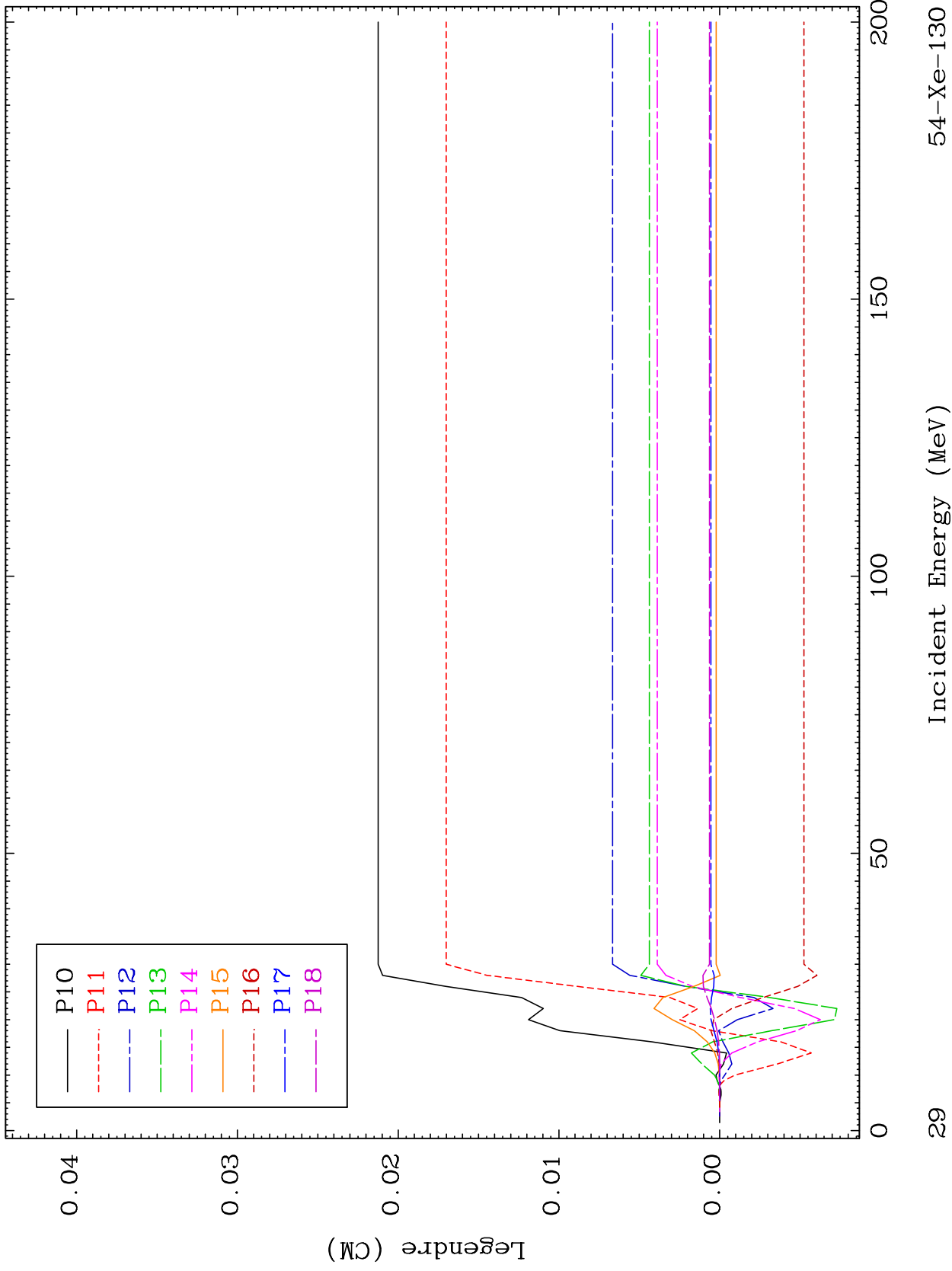
Incident Energy (MeV)

28

MAT 5443

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

54-Xe-130



29

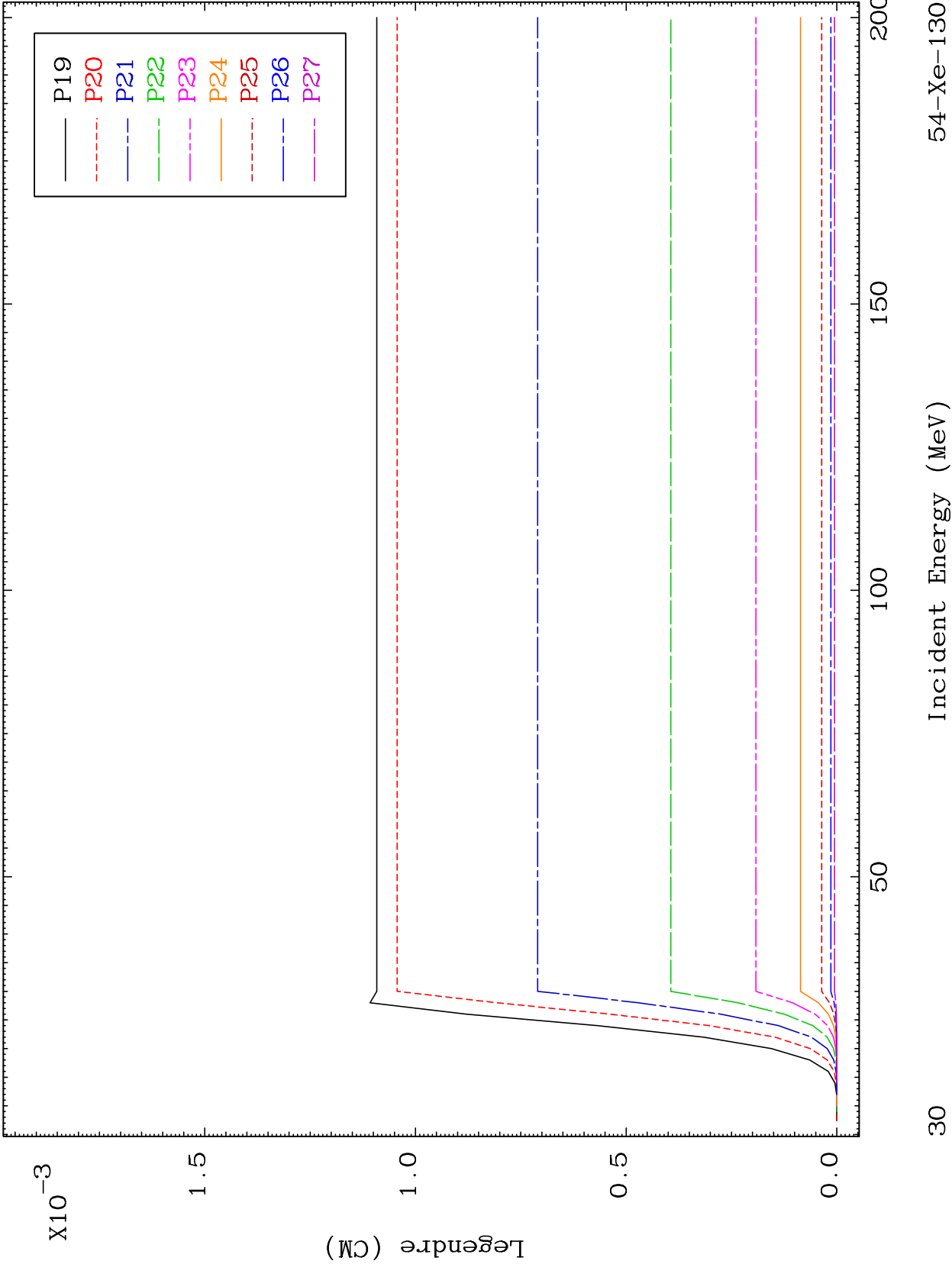
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

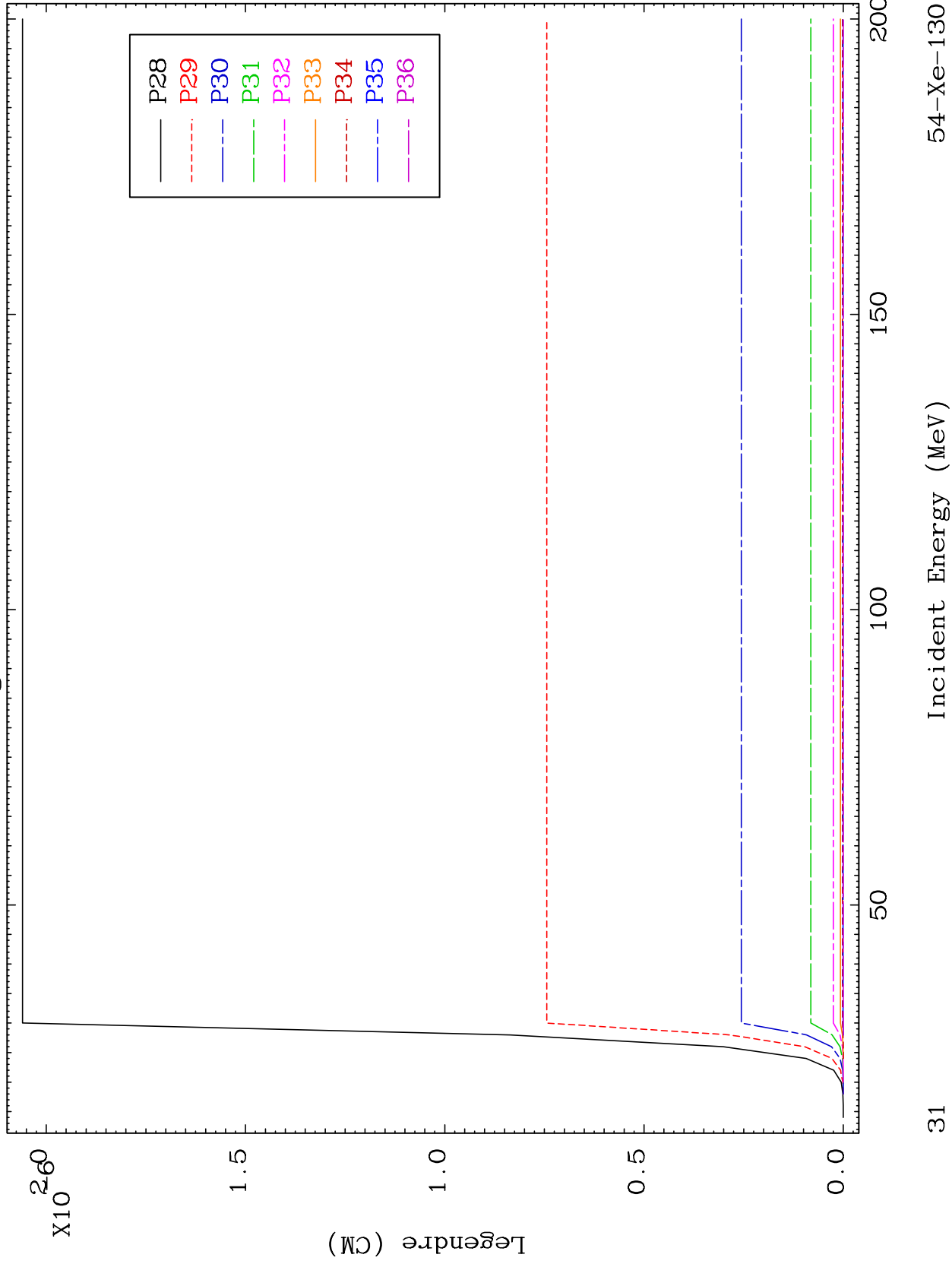
54-Xe-130



MAT 5443

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

54-Xe-130

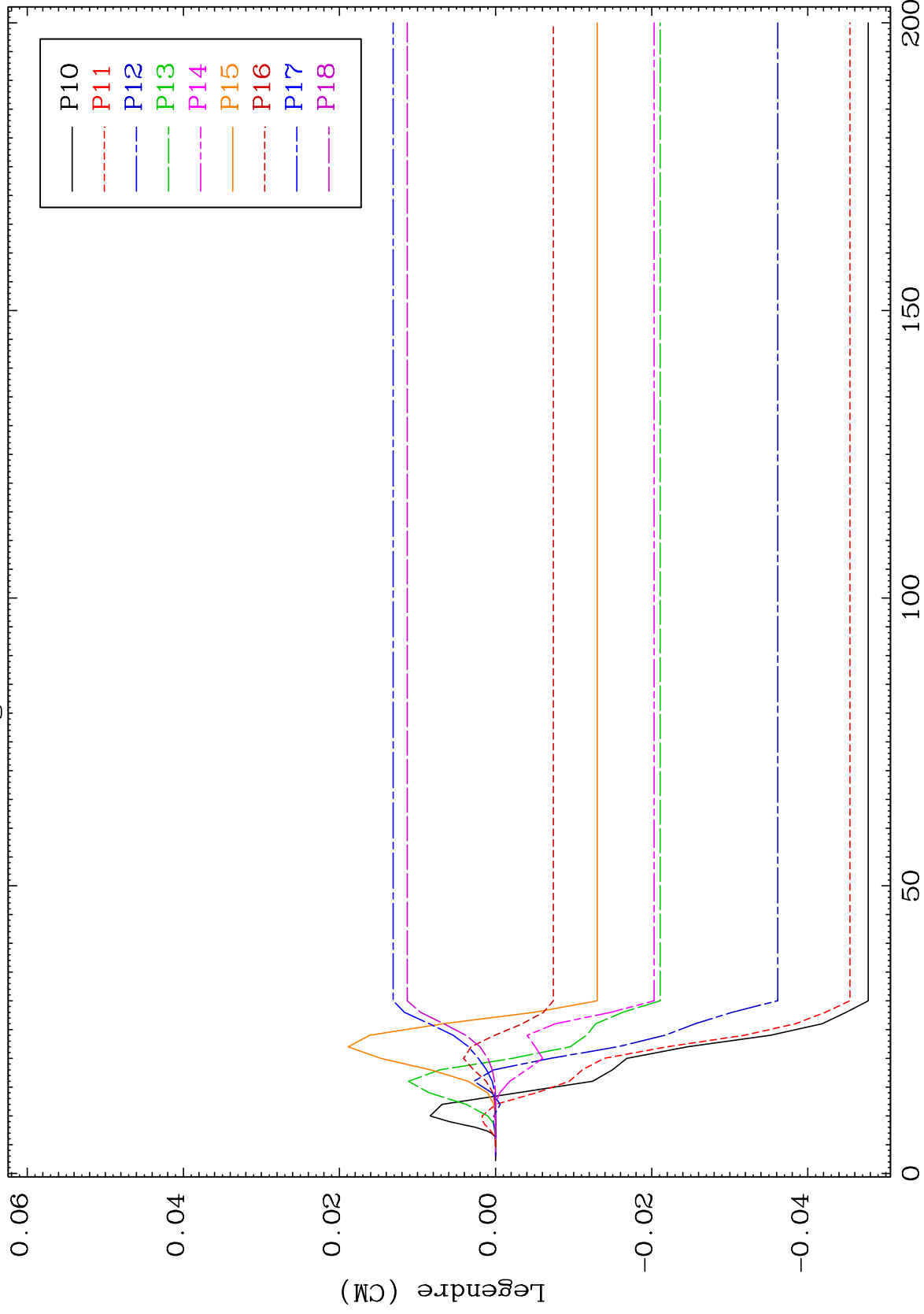


31

MAT 5443

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

54-Xe-130



33

Incident Energy (MeV)

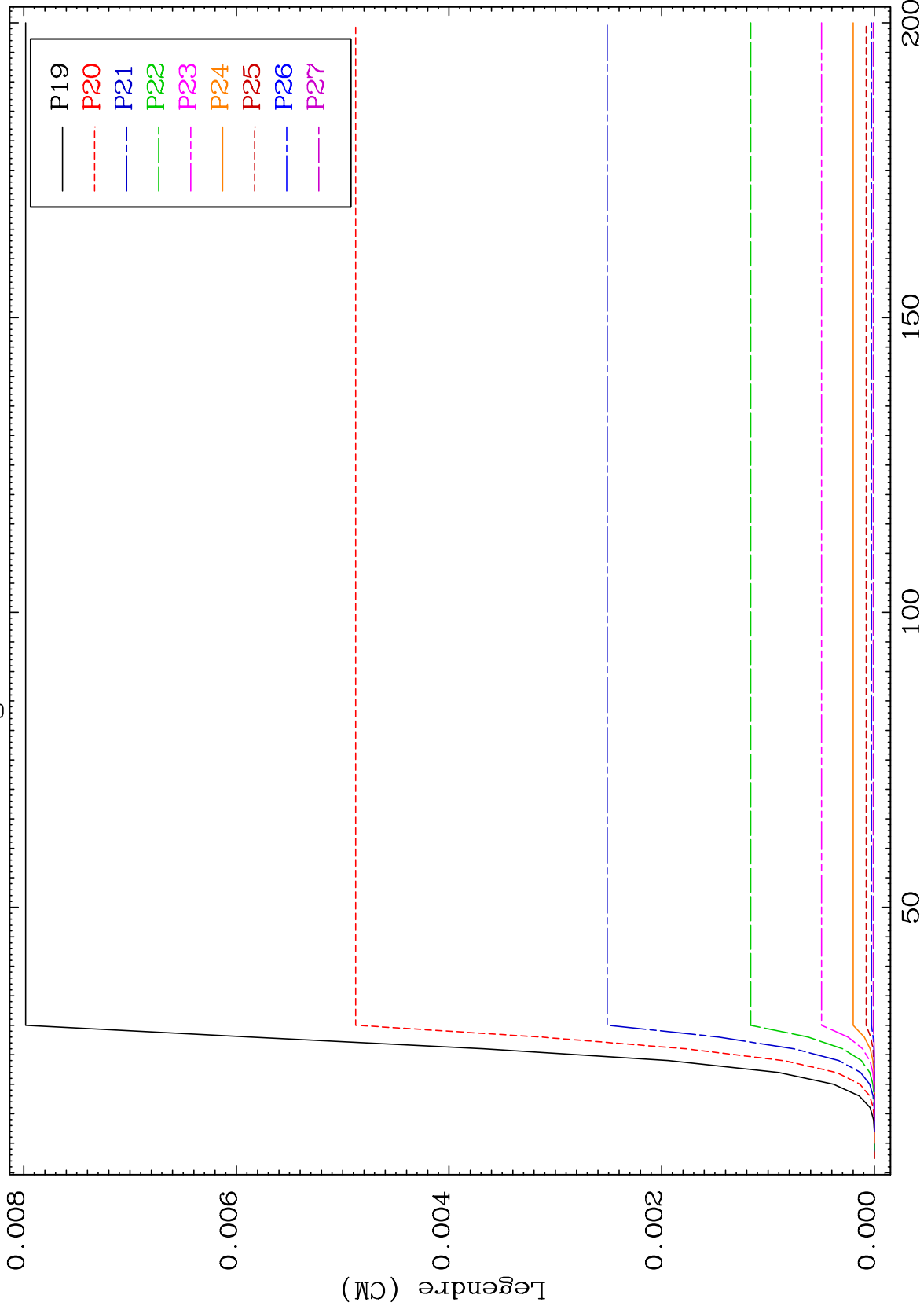
54-Xe-130

MAT 5443

MT= 54 (n,n') Level

54-Xe-130

Legendre Coefficients



34

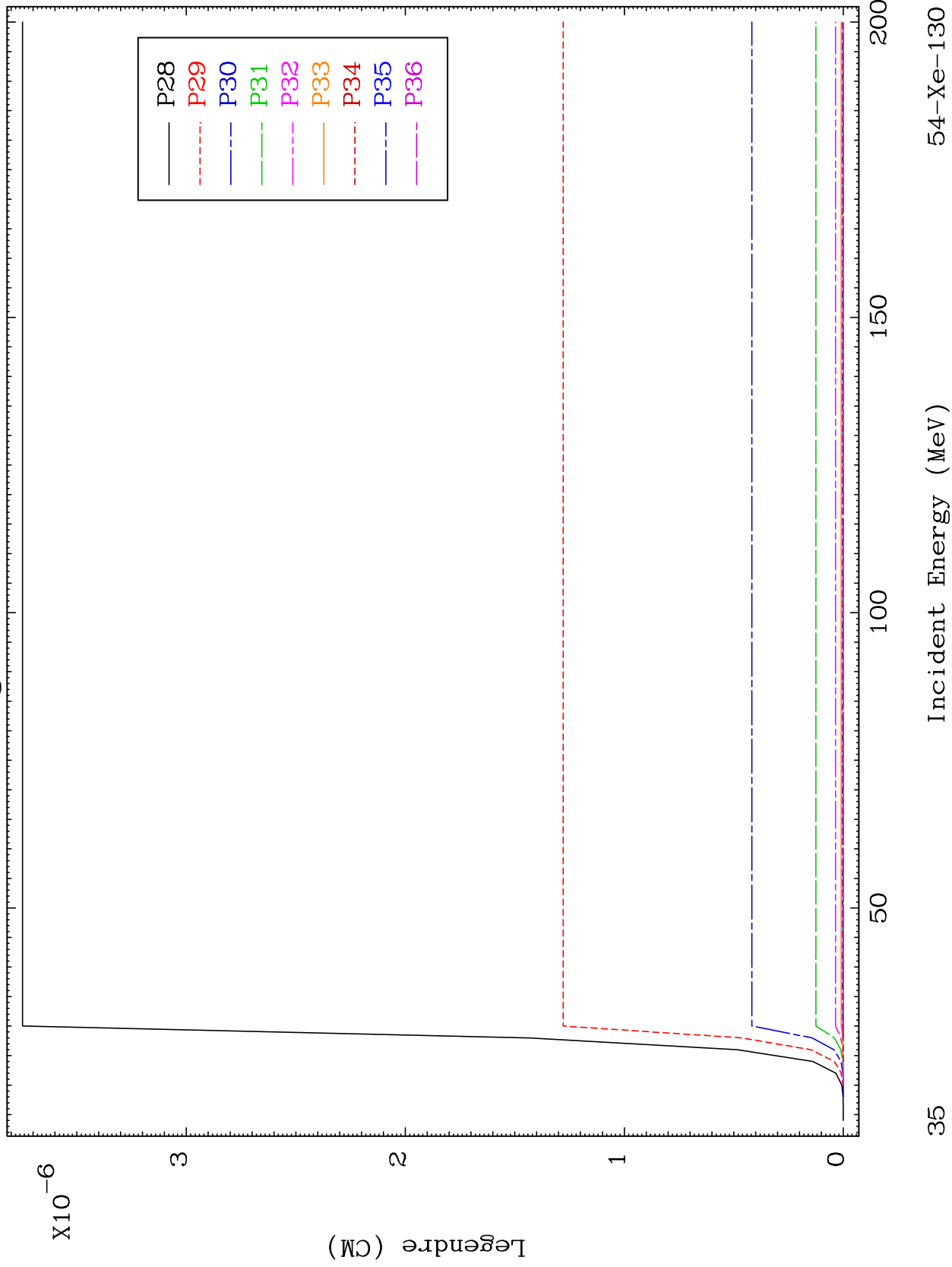
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

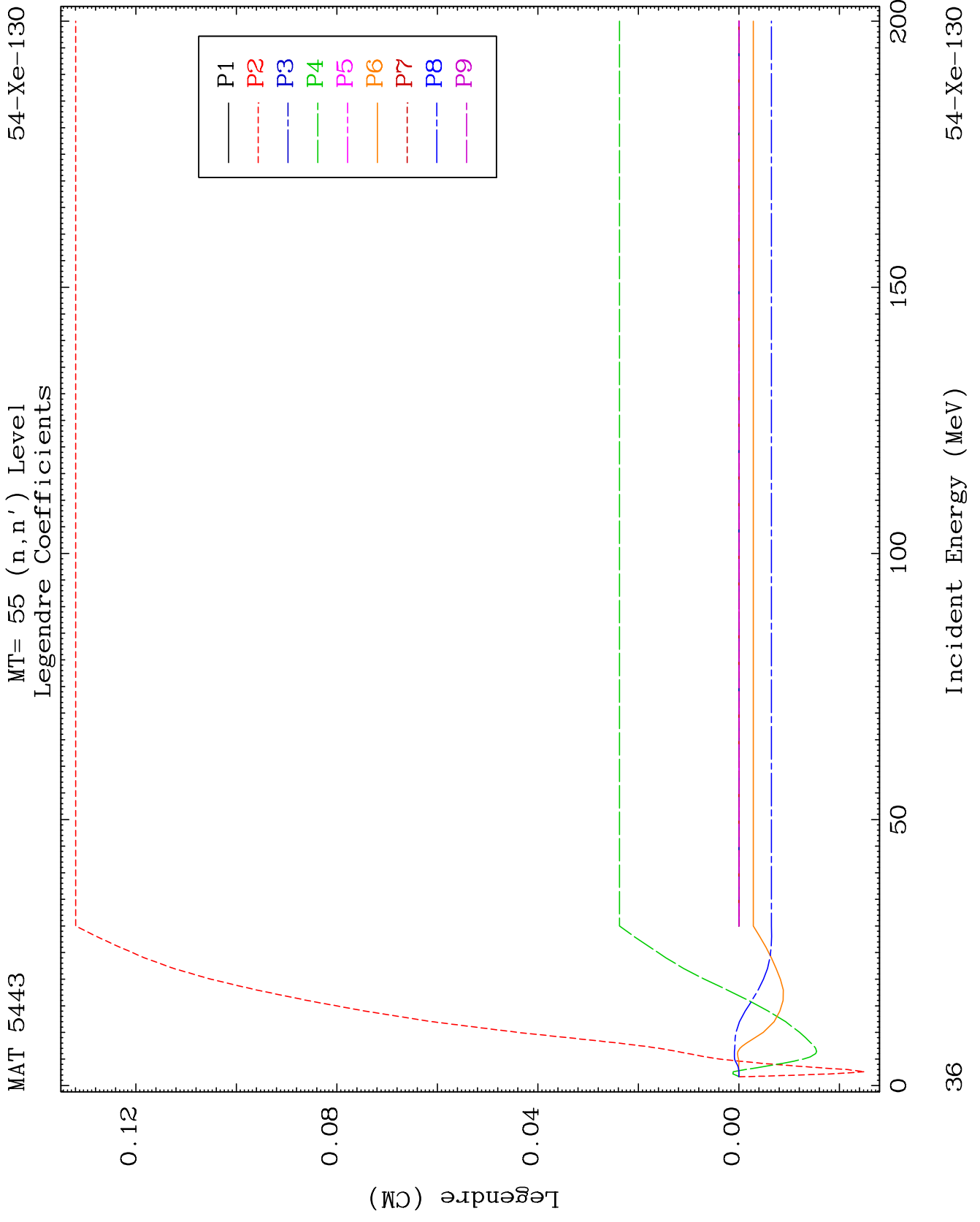
54-Xe-130



35

Incident Energy (MeV)

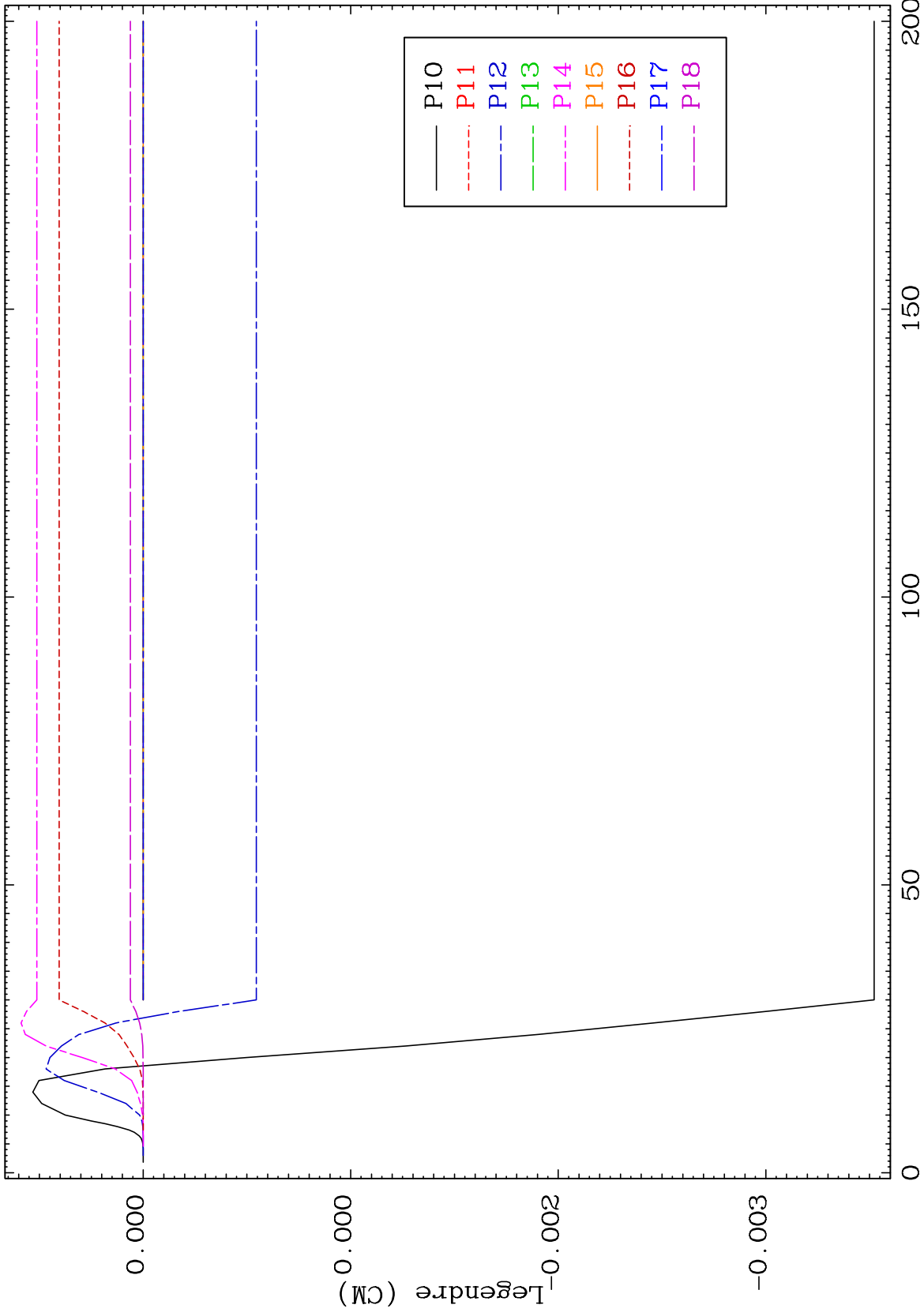
54-Xe-130



MAT 5443

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

54-Xe-130



37

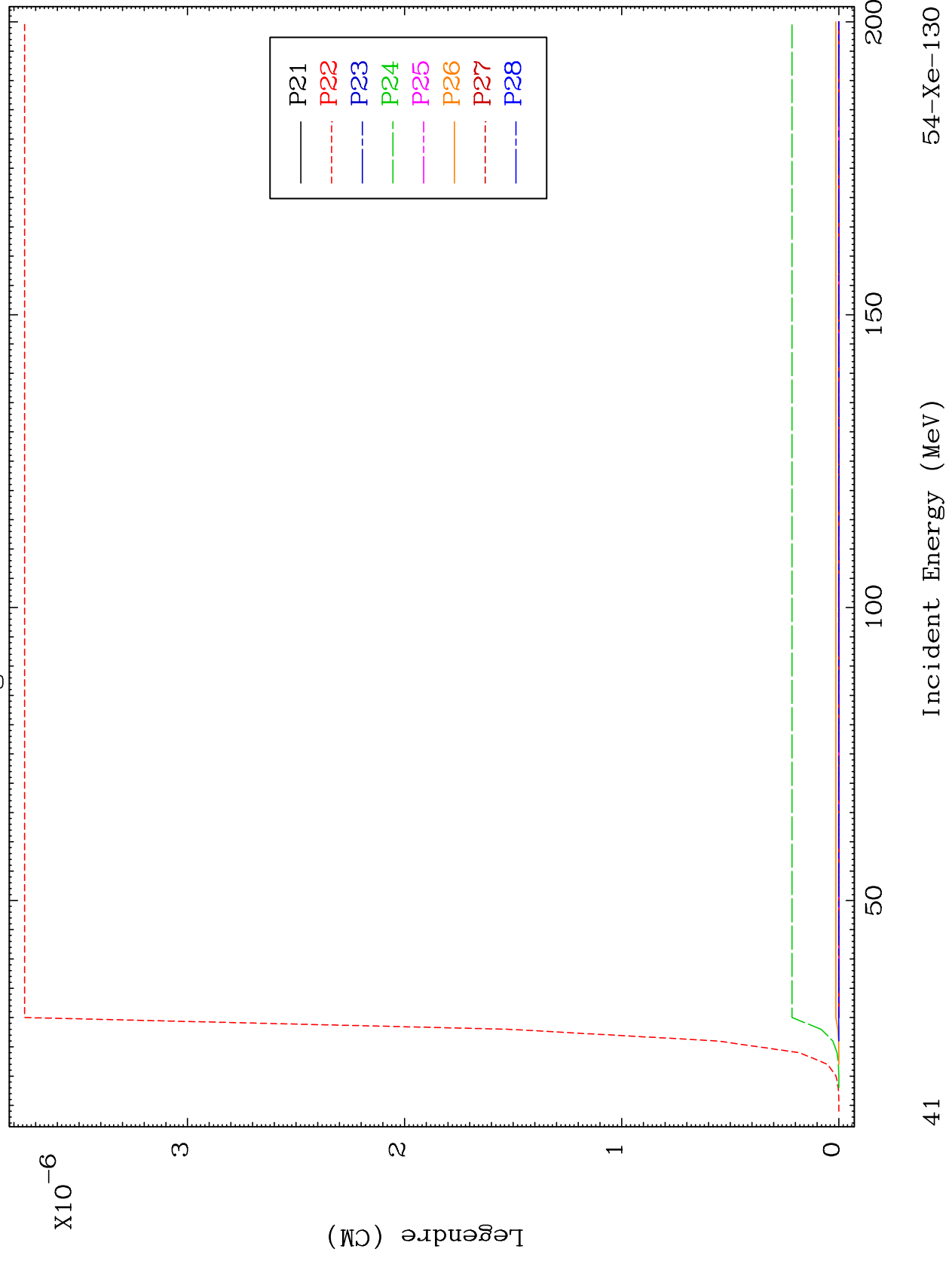
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



41

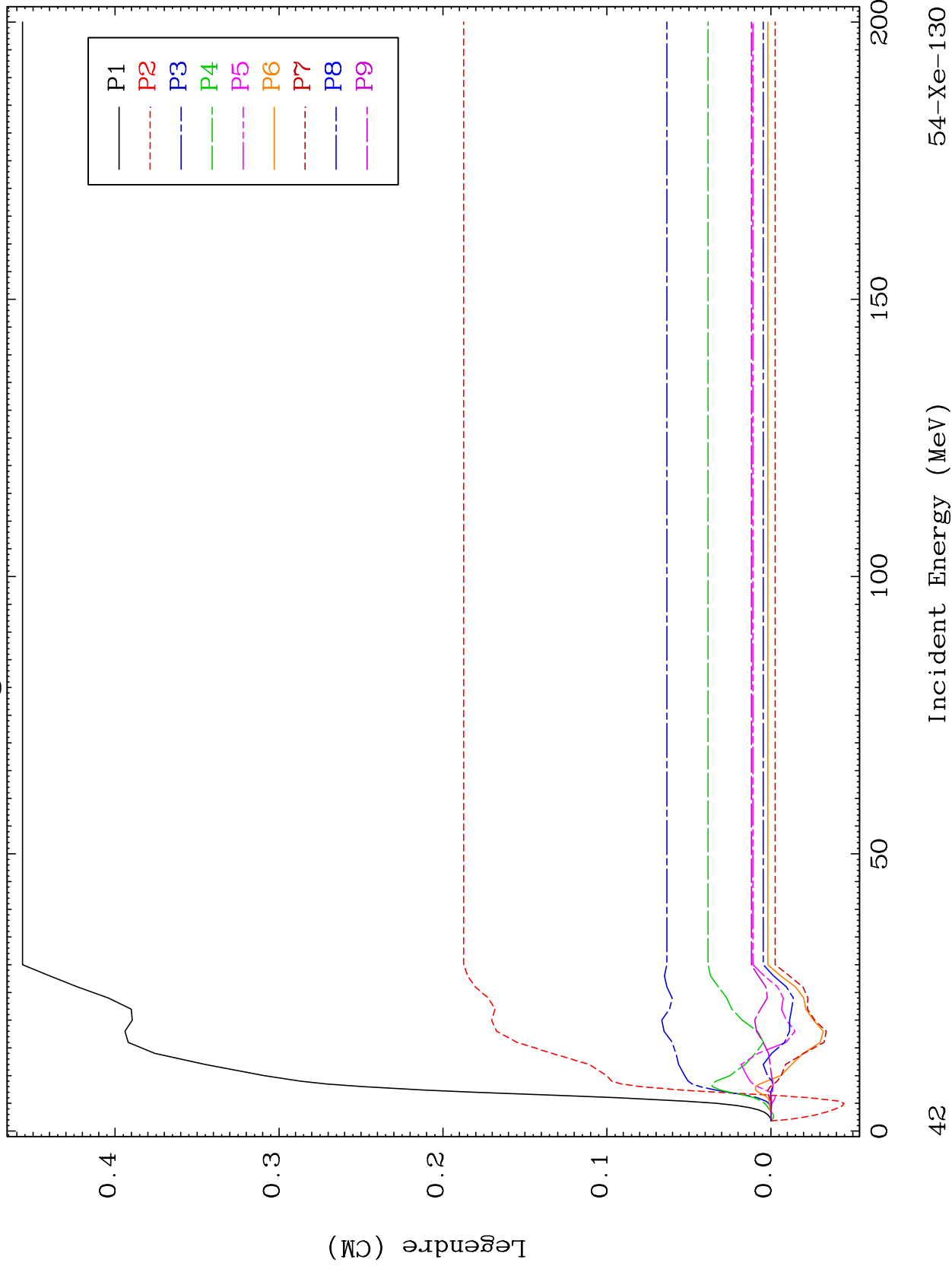
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

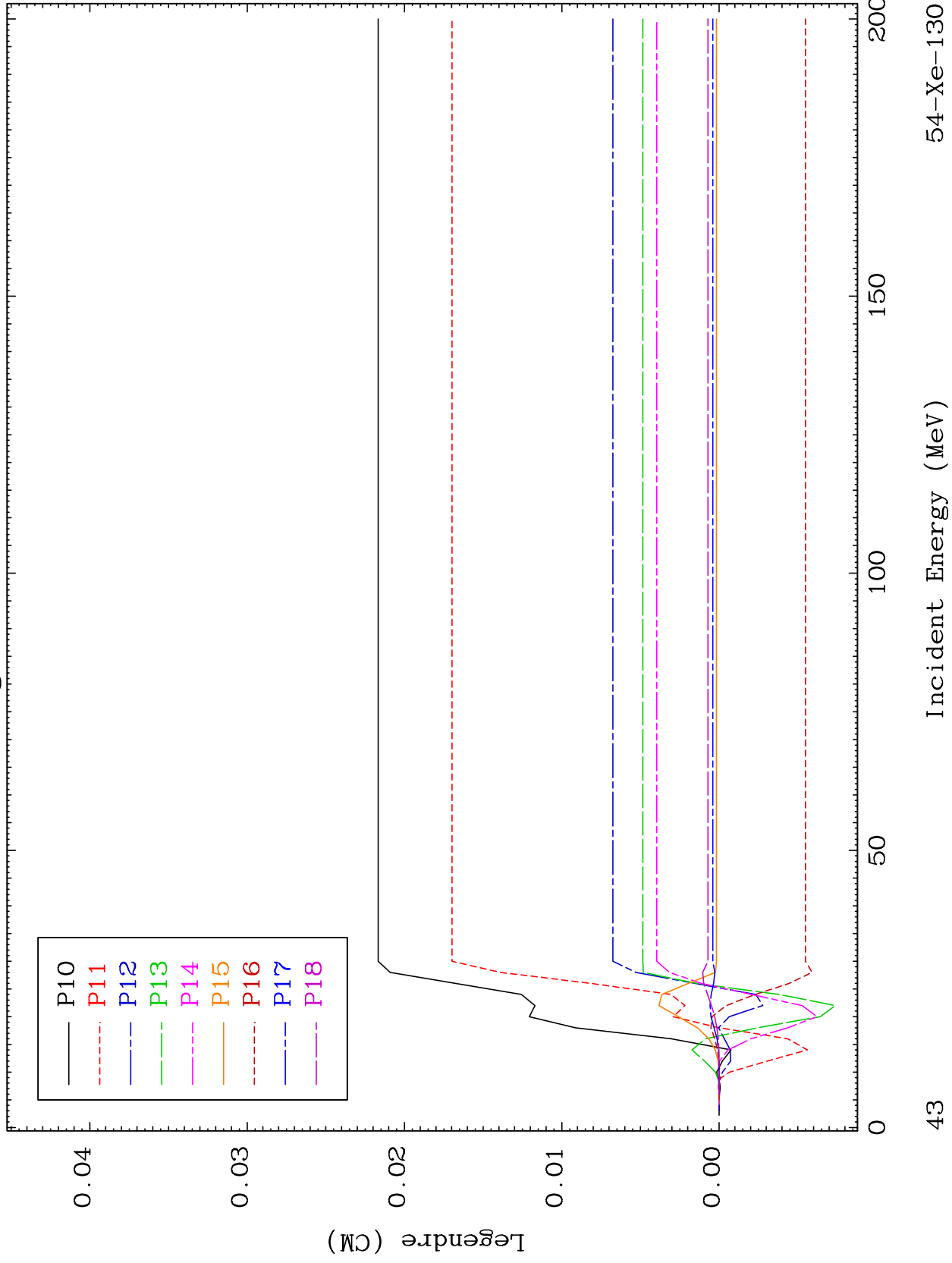
54-Xe-130



MAT 5443

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

54-Xe-130



43

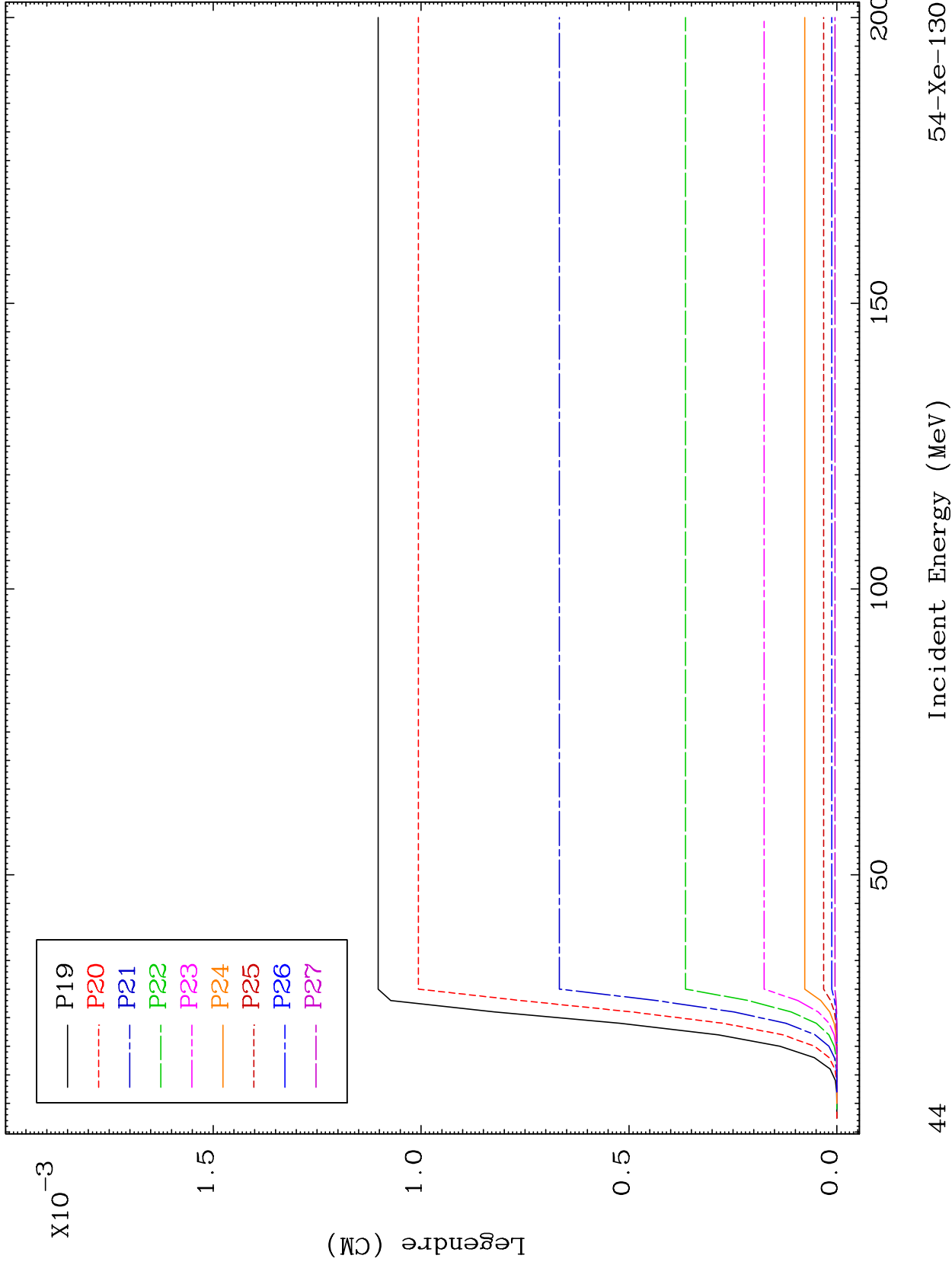
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

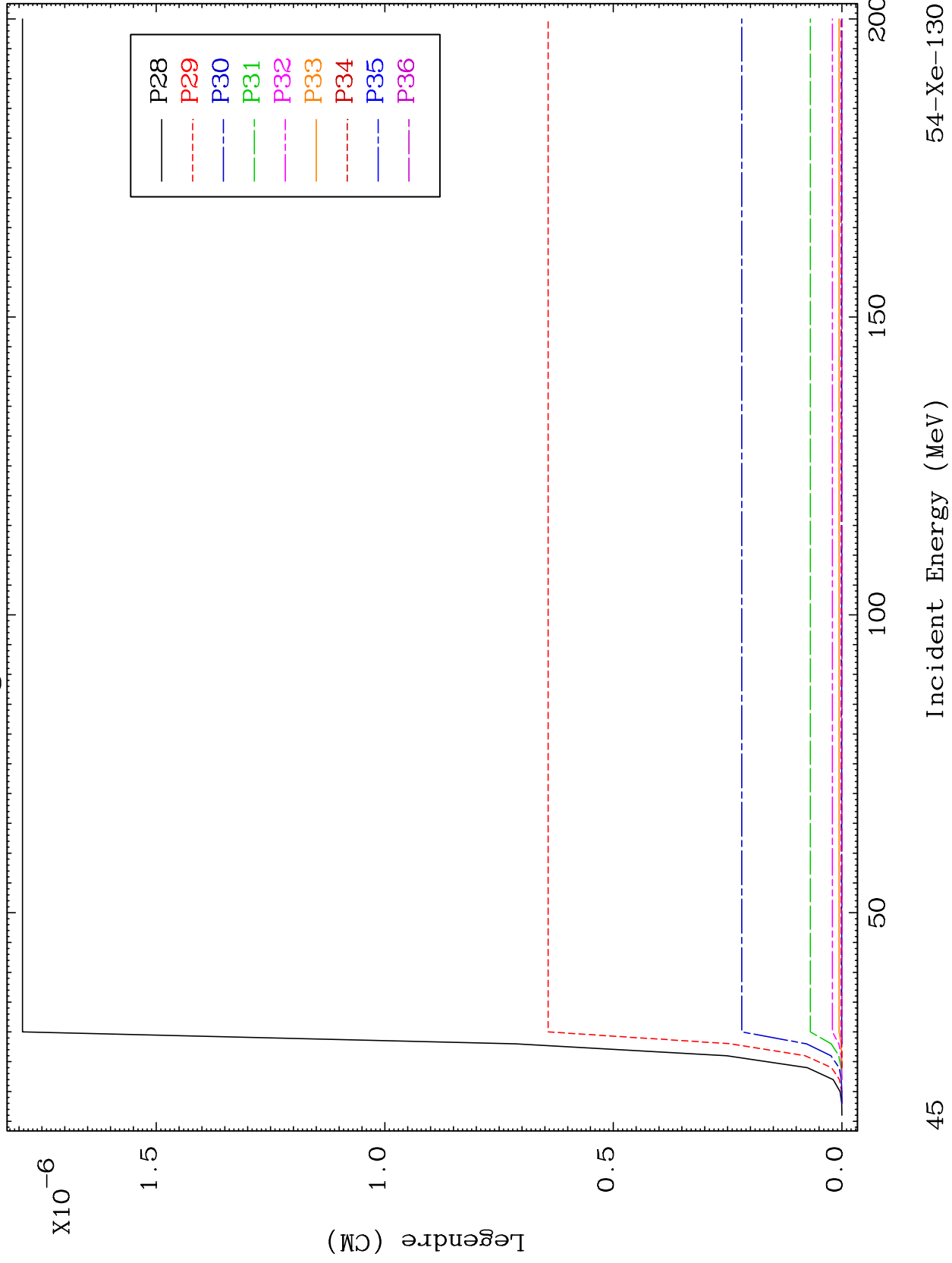
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

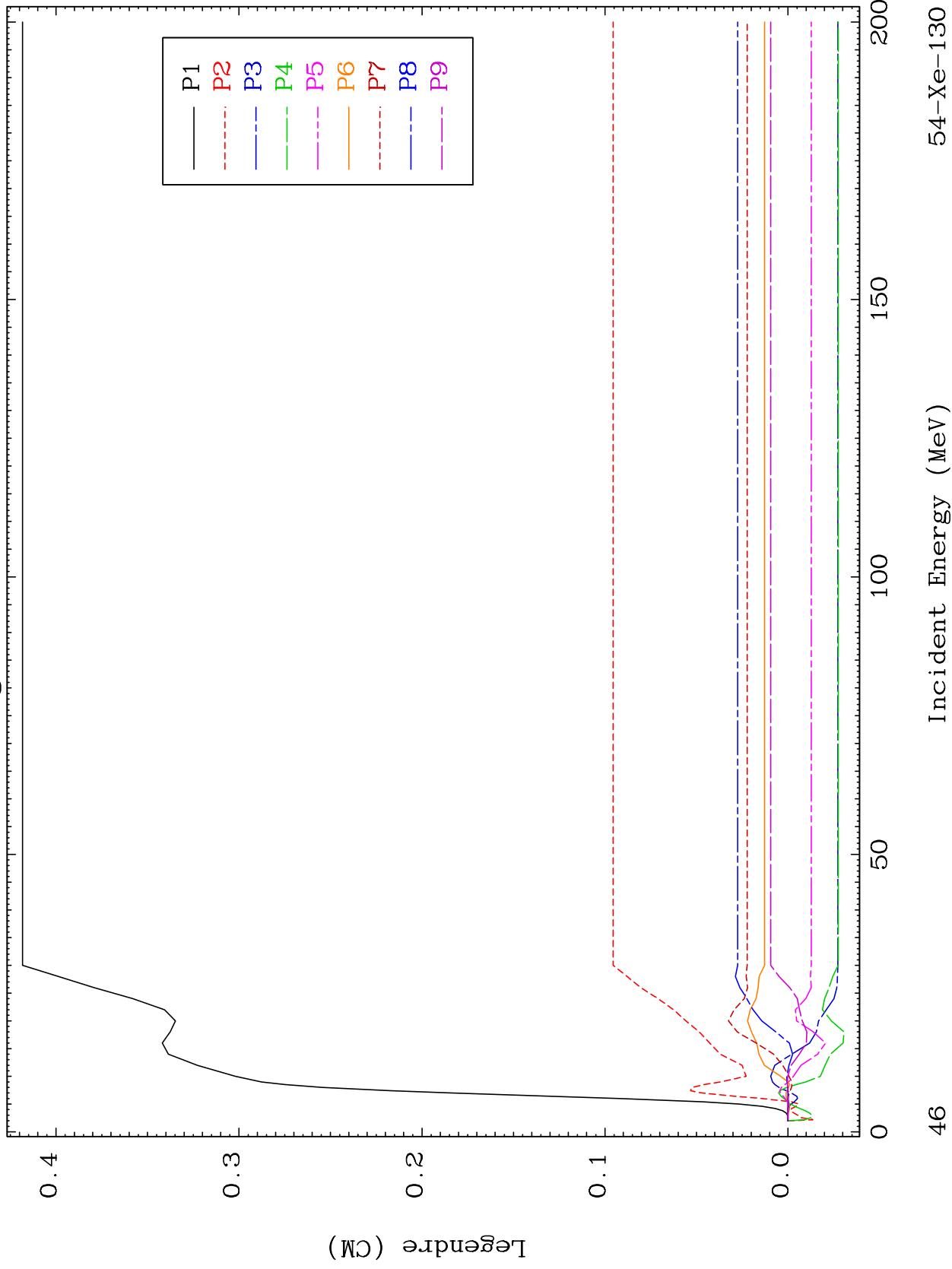
Incident Energy (MeV)

45

MAT 5443

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

54-Xe-130



54-Xe-130

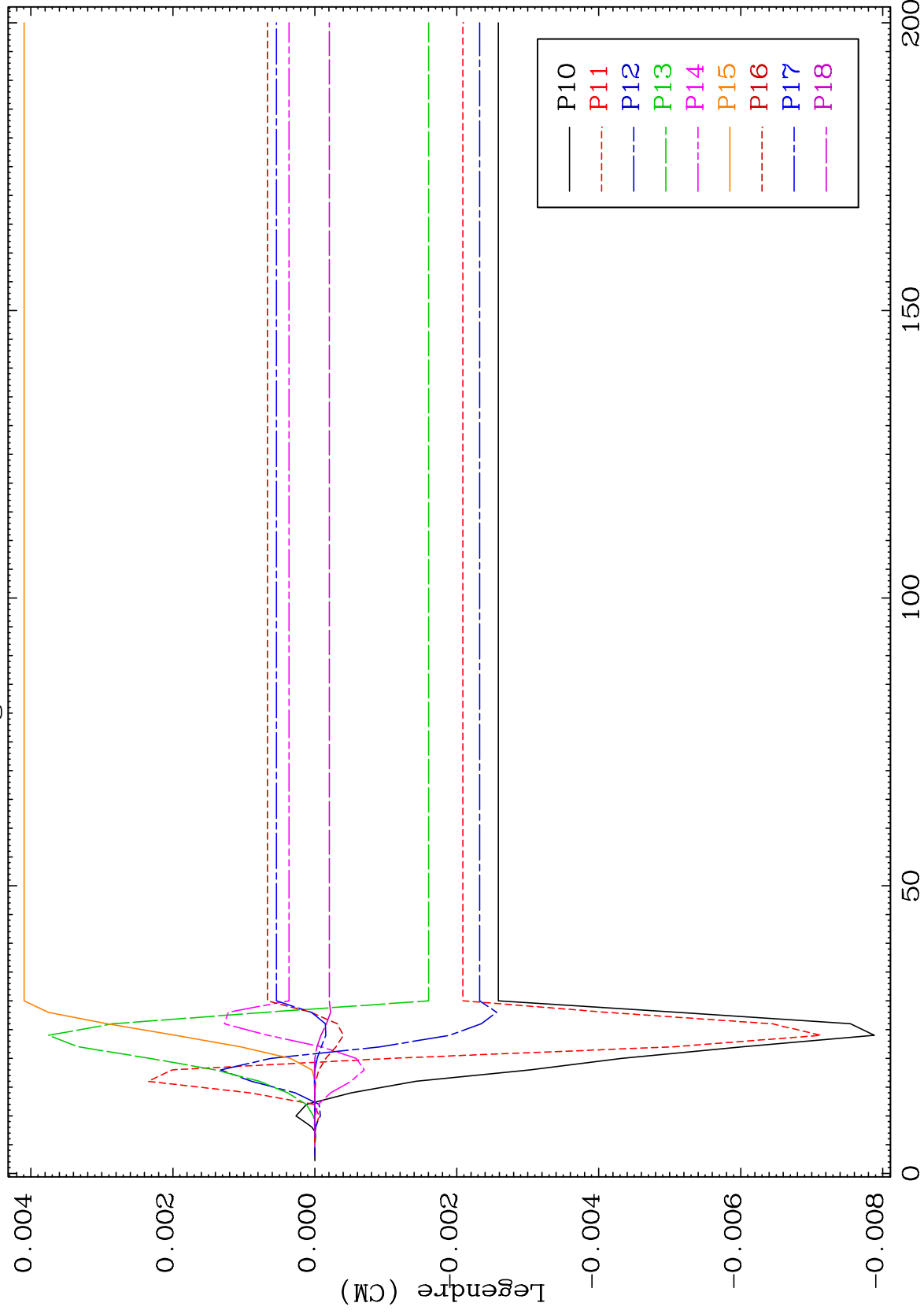
Incident Energy (MeV)

46

MAT 5443

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

54-Xe-130



47

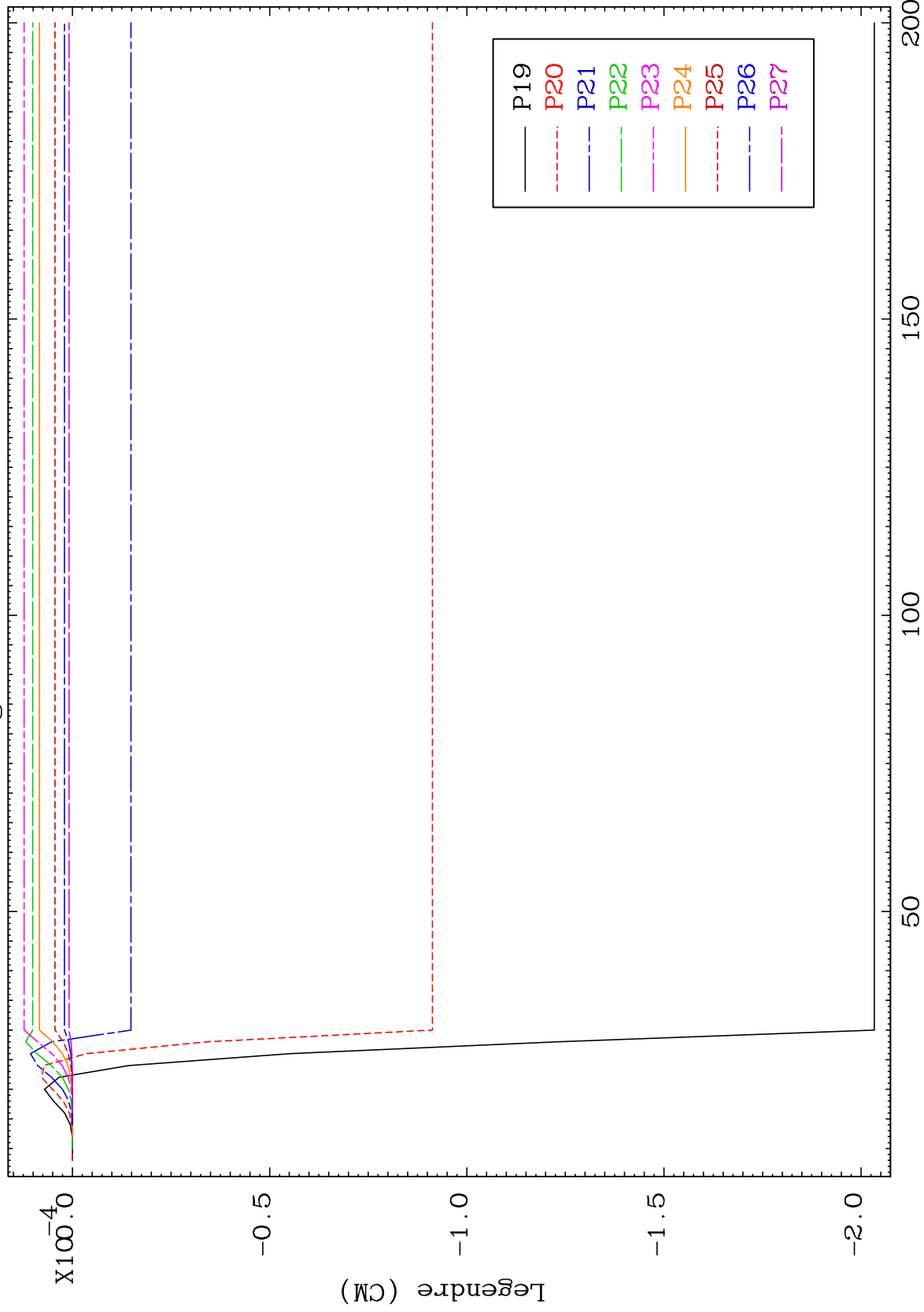
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



48

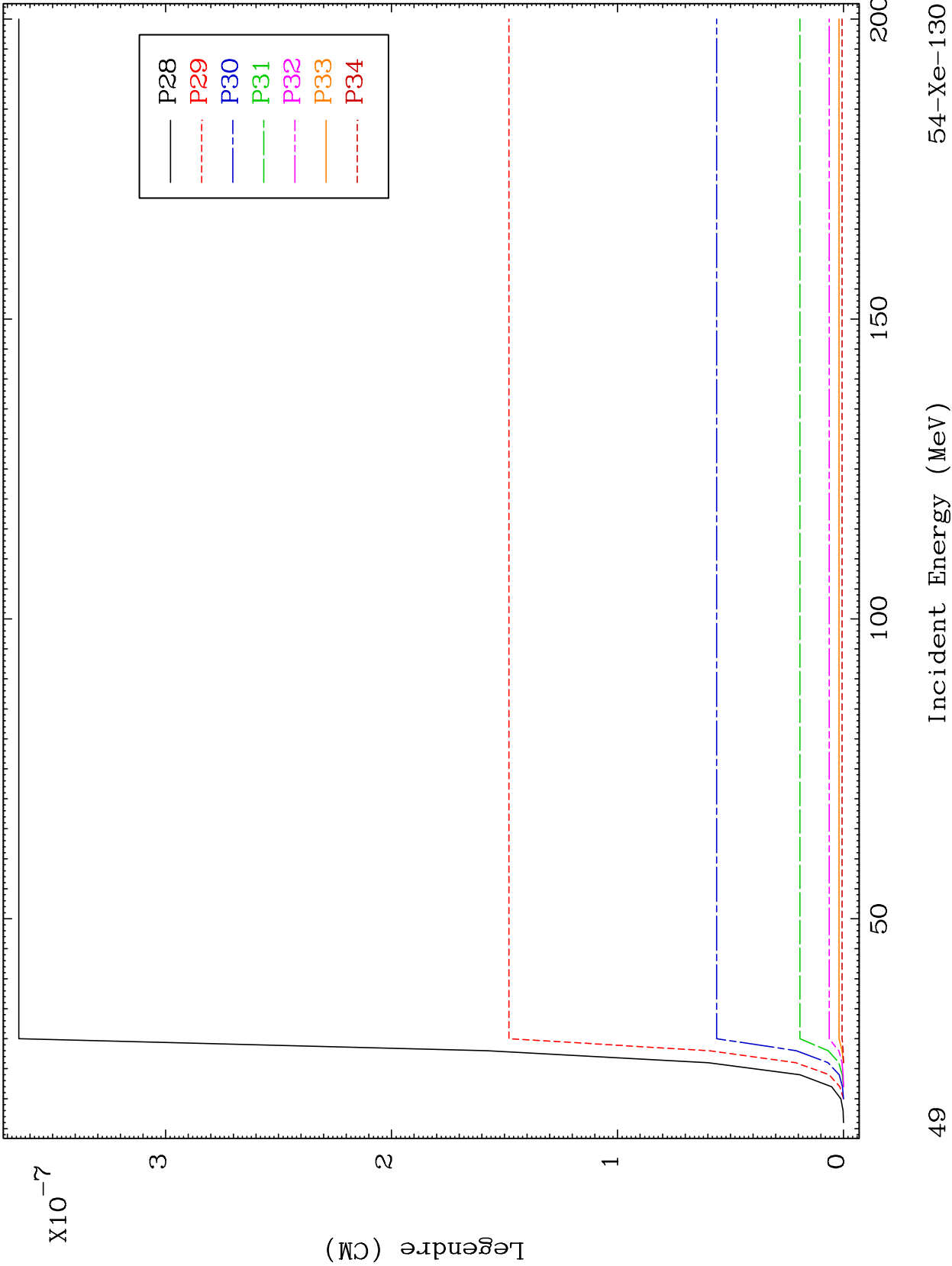
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

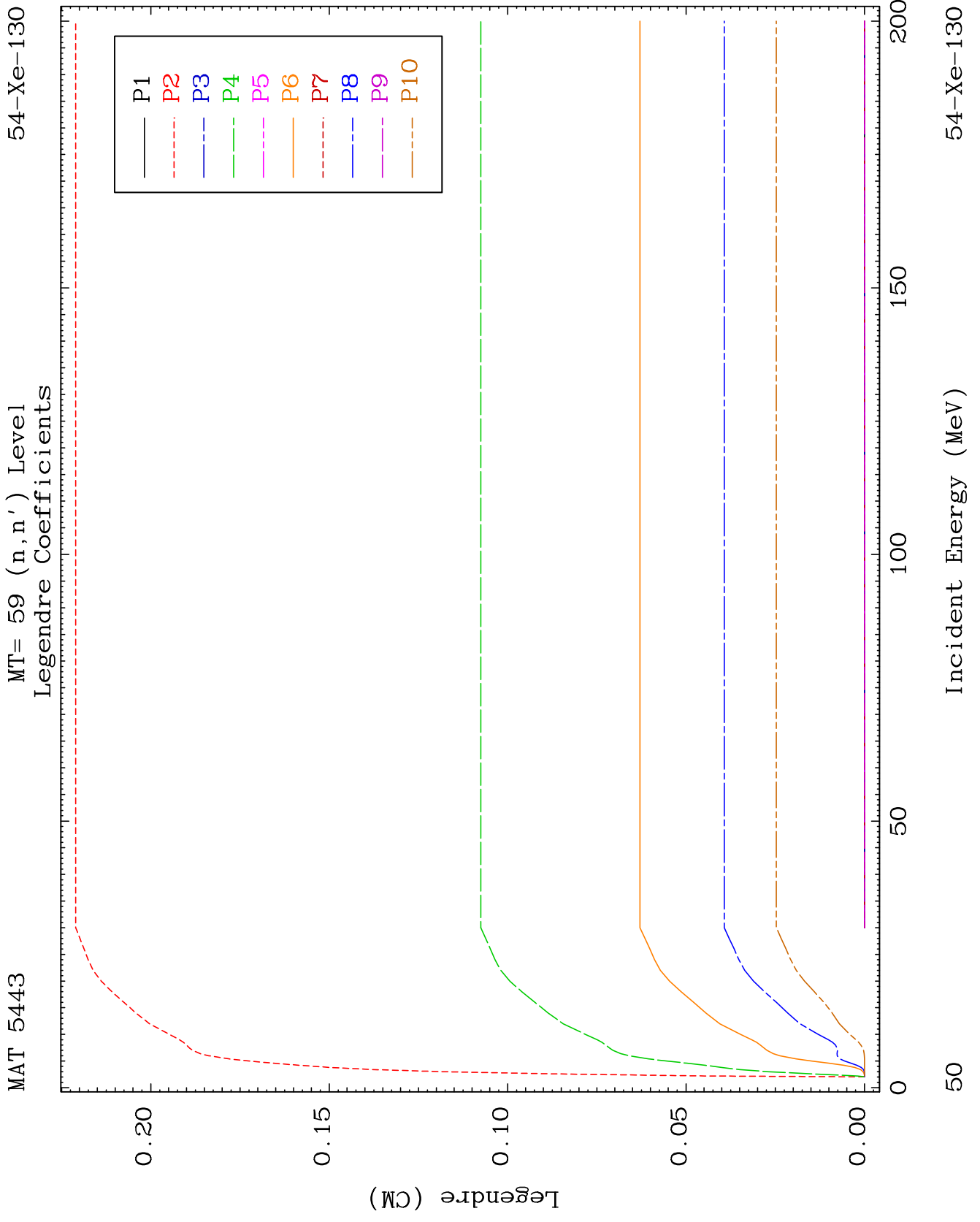
54-Xe-130



49

Incident Energy (MeV)

54-Xe-130

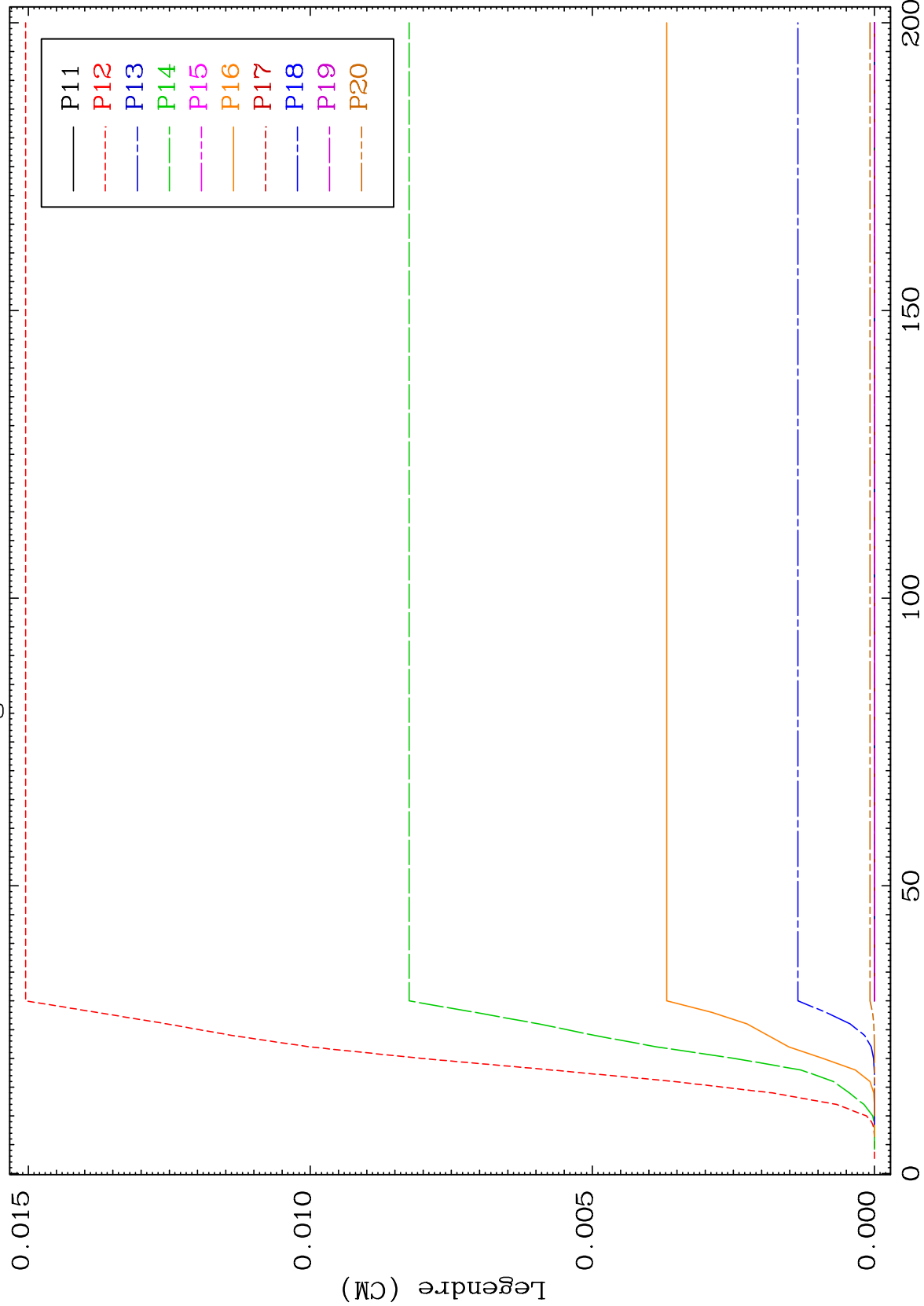


MAT 5443

MT= 59 (n,n') Level

54-Xe-130

Legendre Coefficients



51

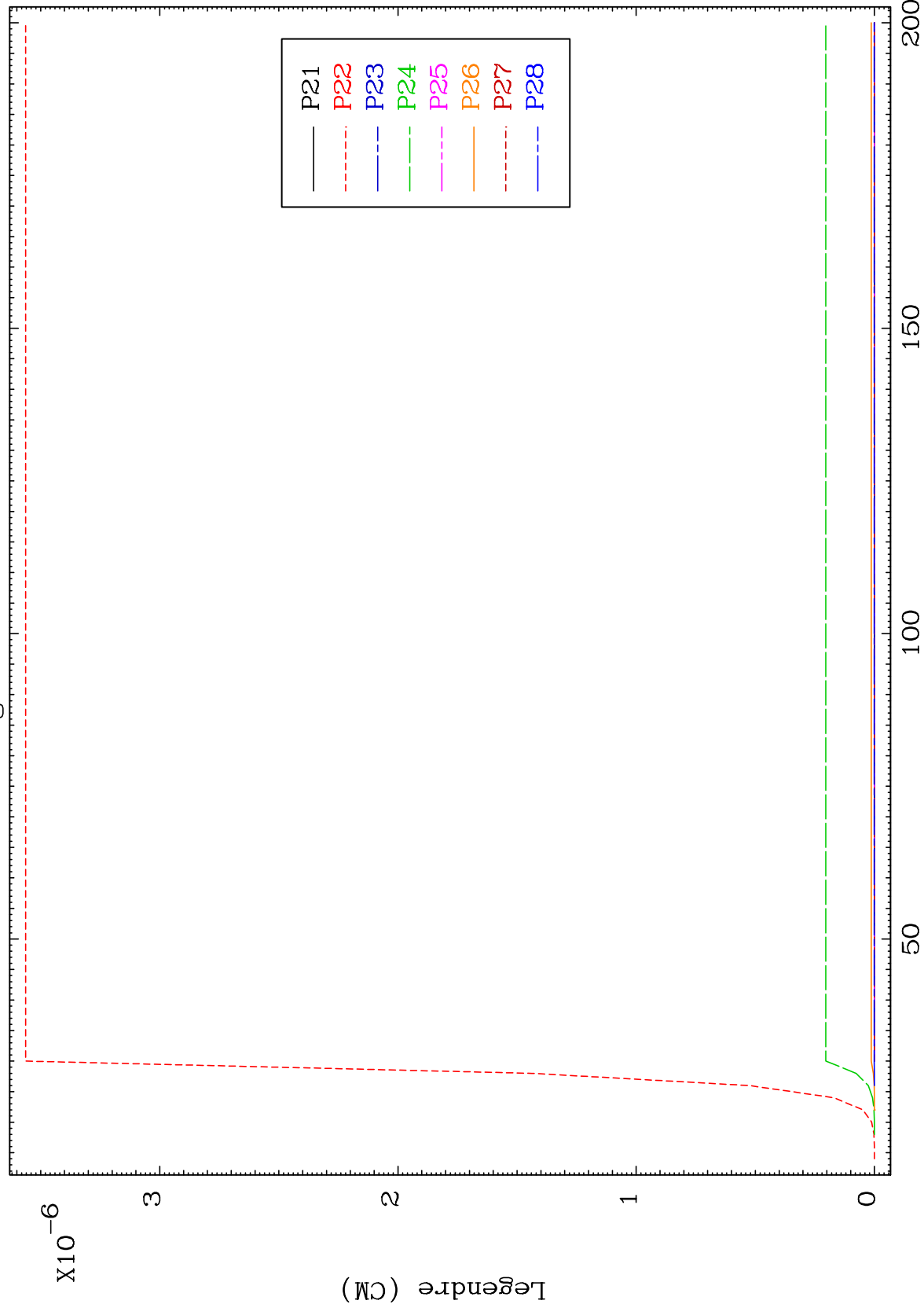
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



52

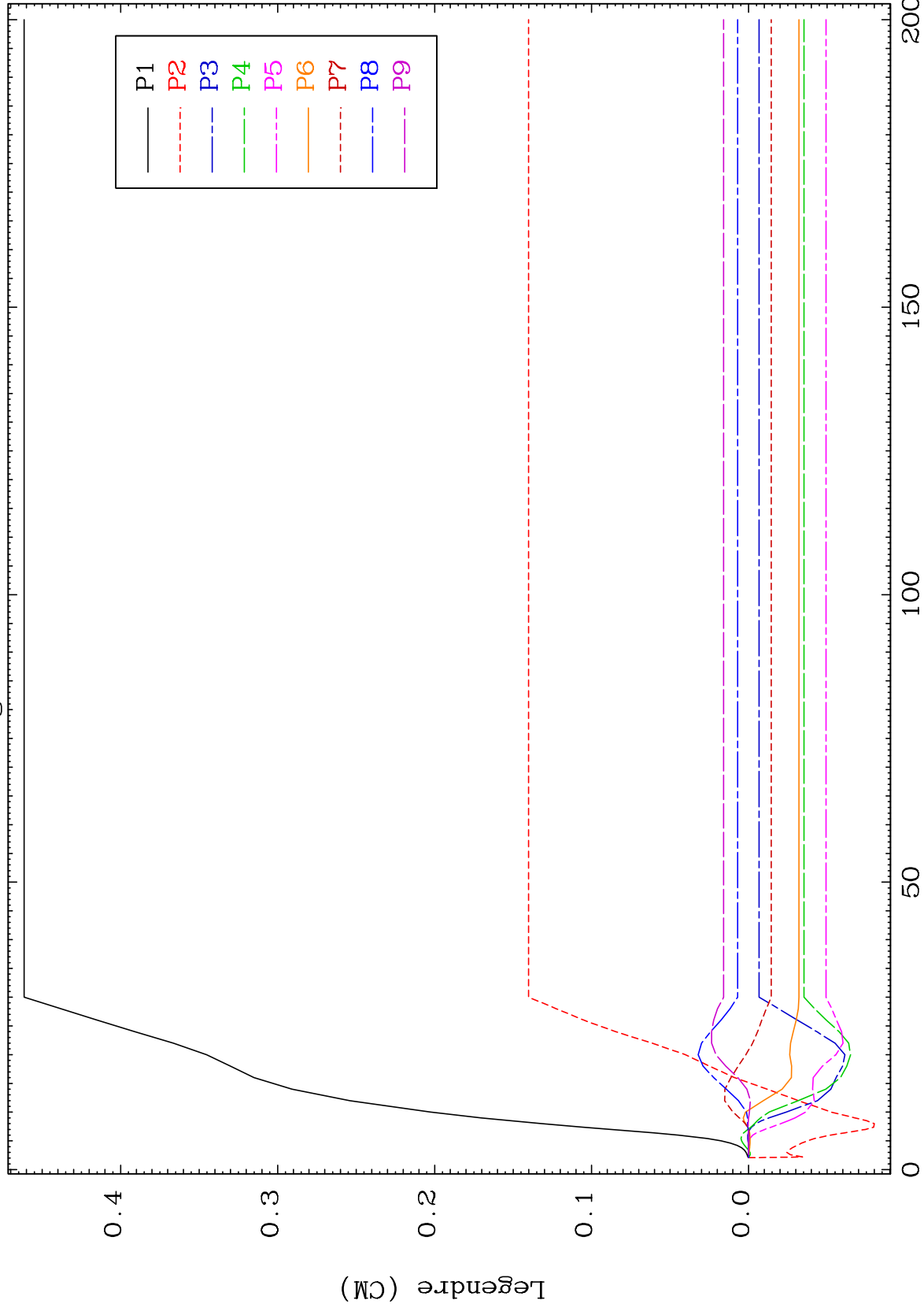
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



53

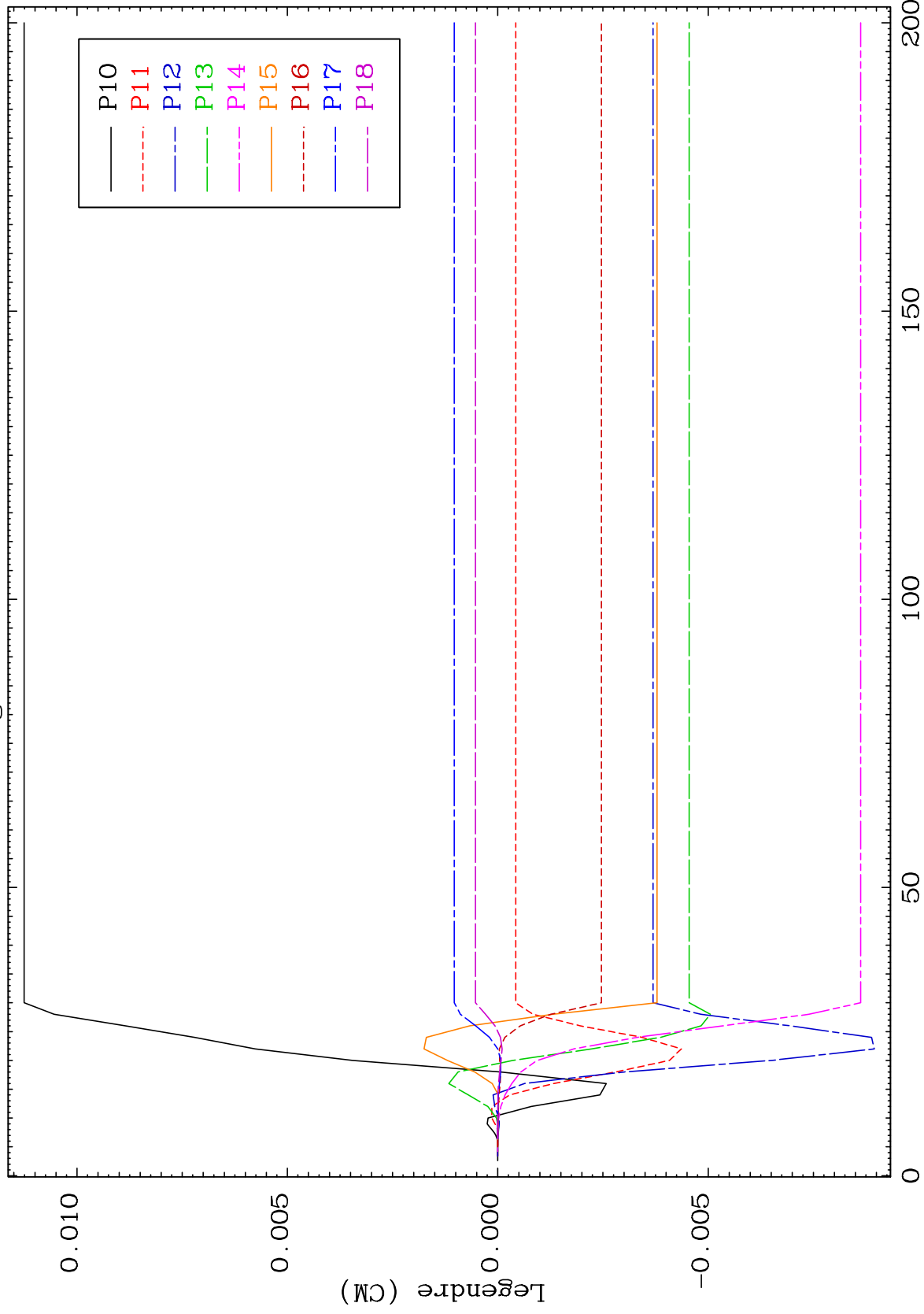
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



54

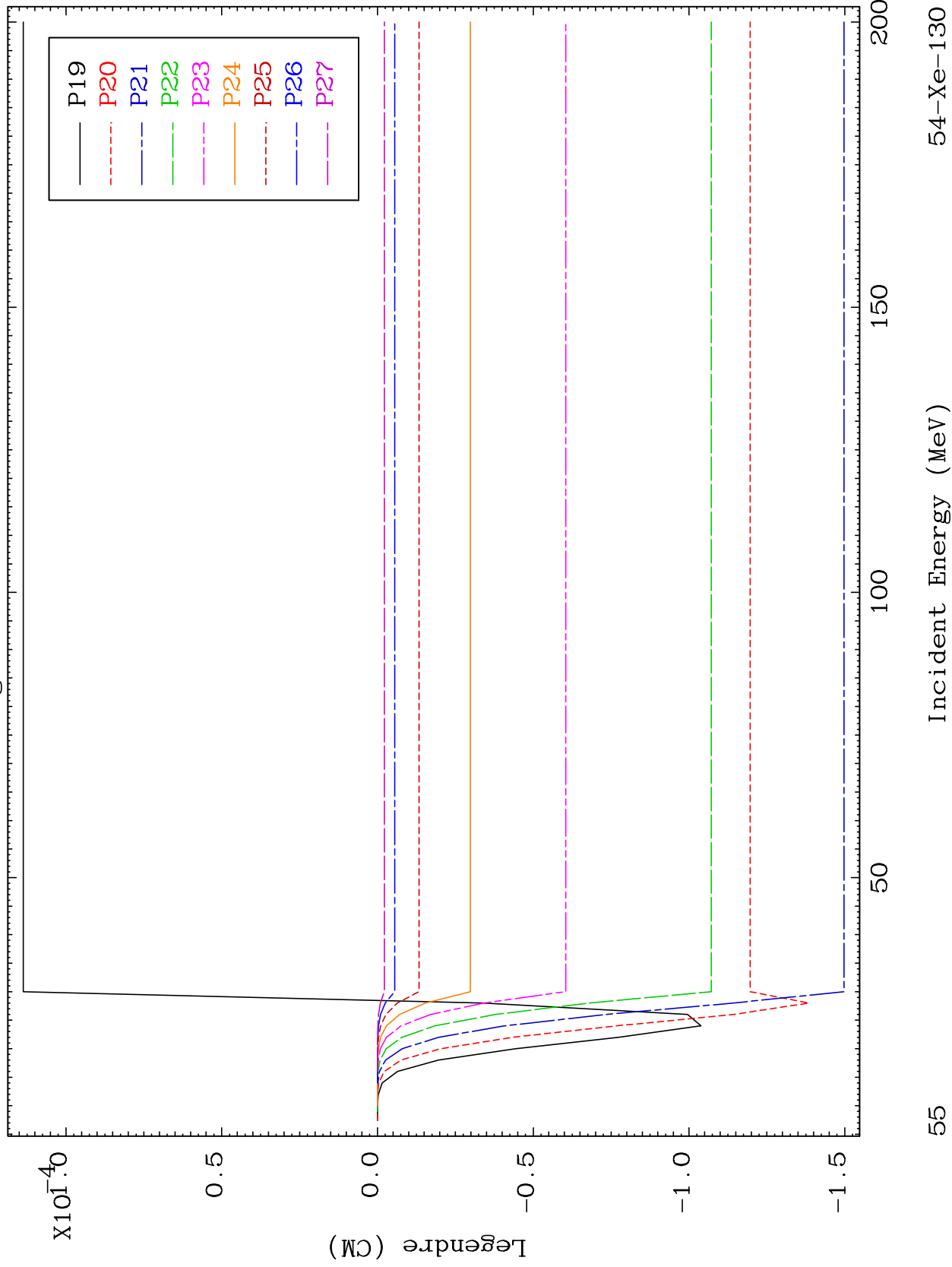
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



55

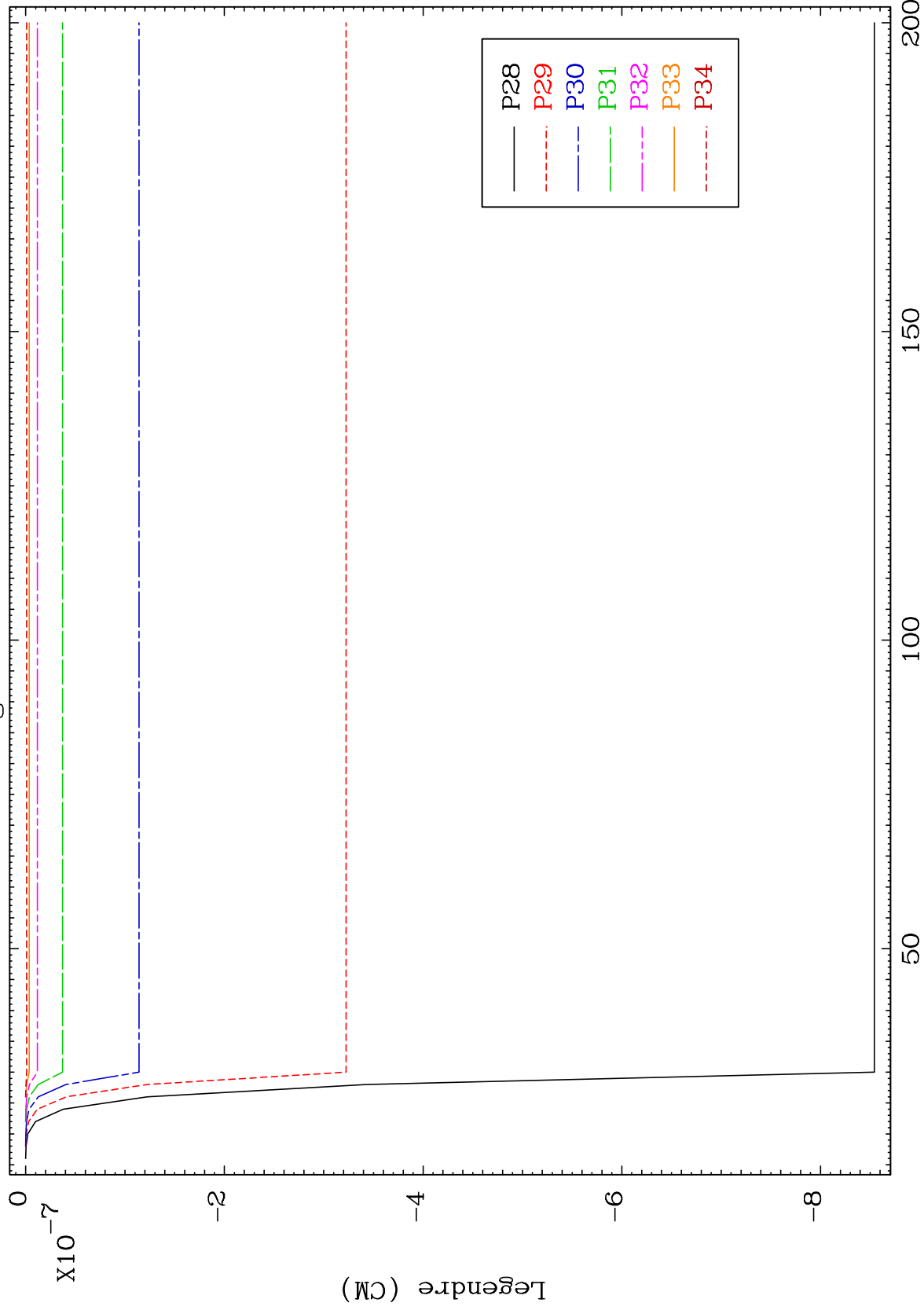
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



56

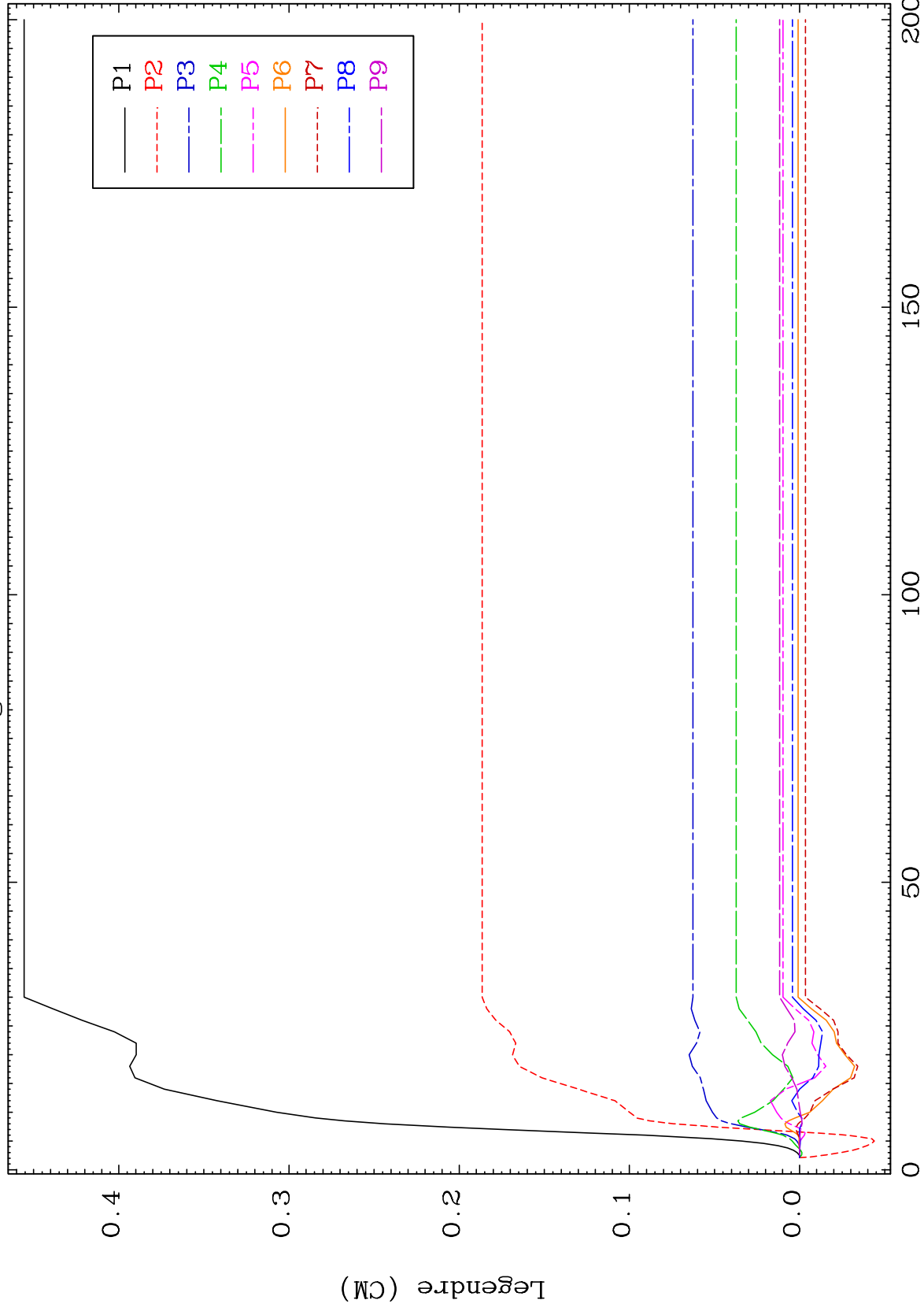
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



57

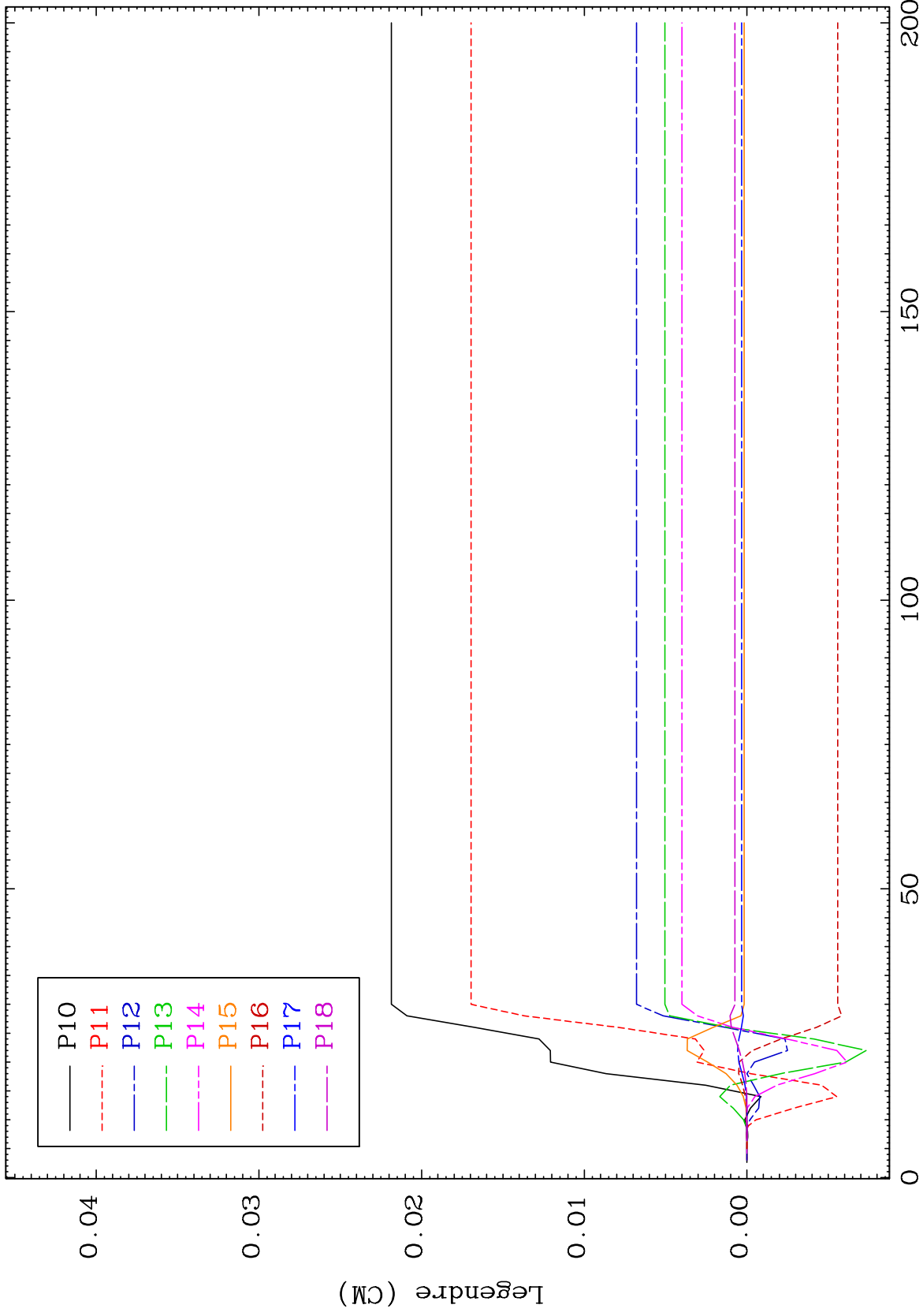
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



54-Xe-130

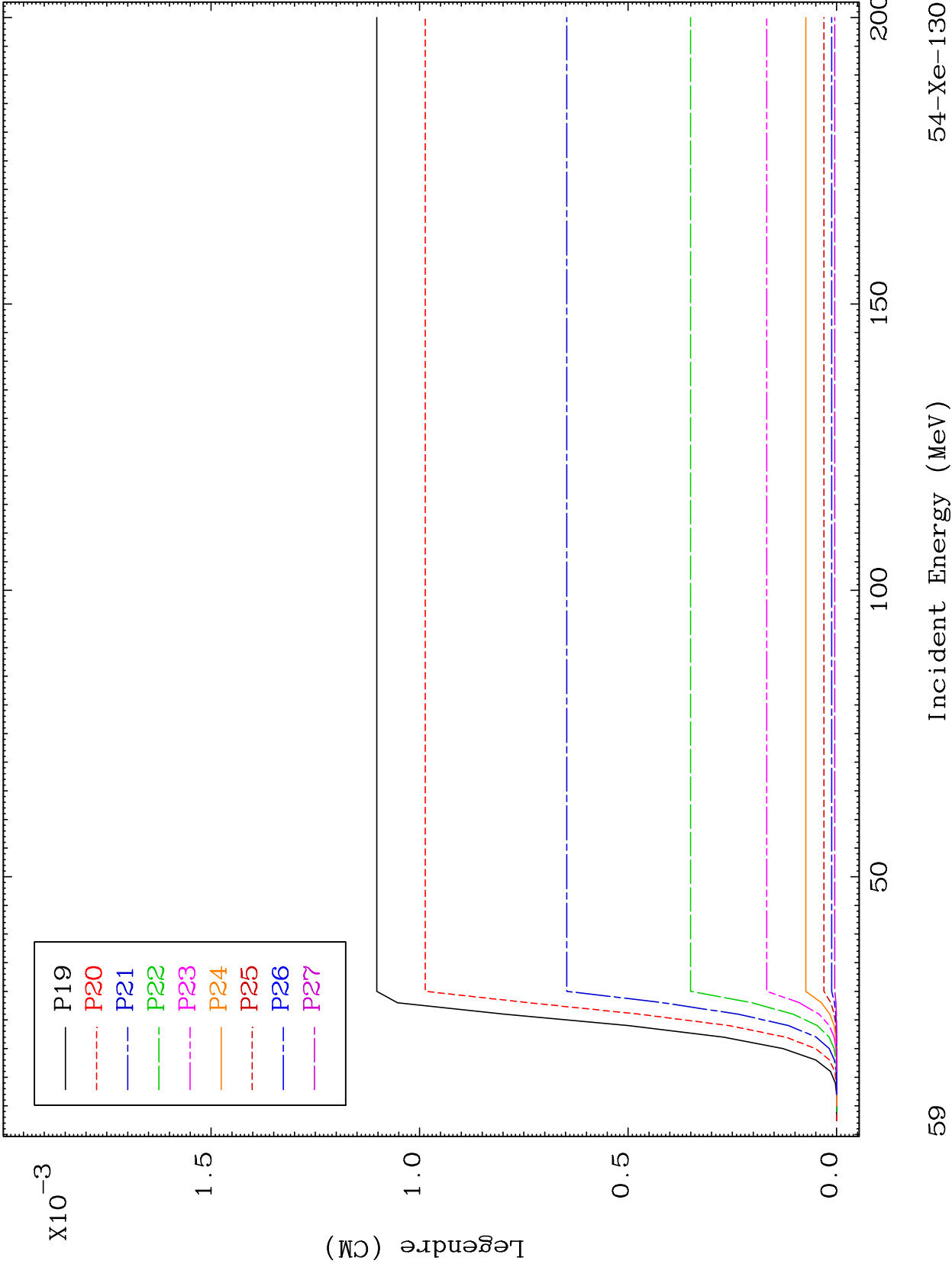
Incident Energy (MeV)

58

MAT 5443

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

54-Xe-130



59

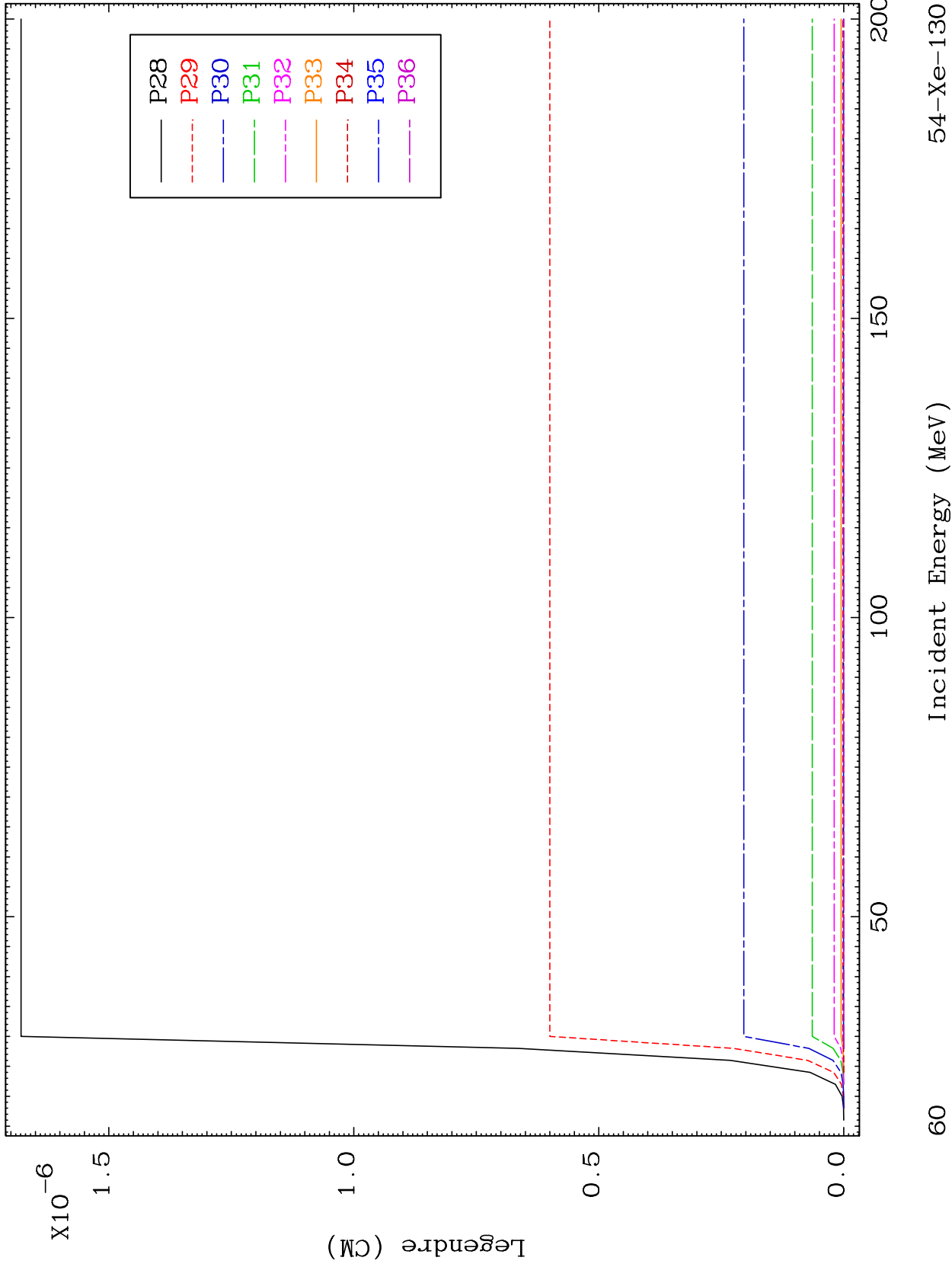
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

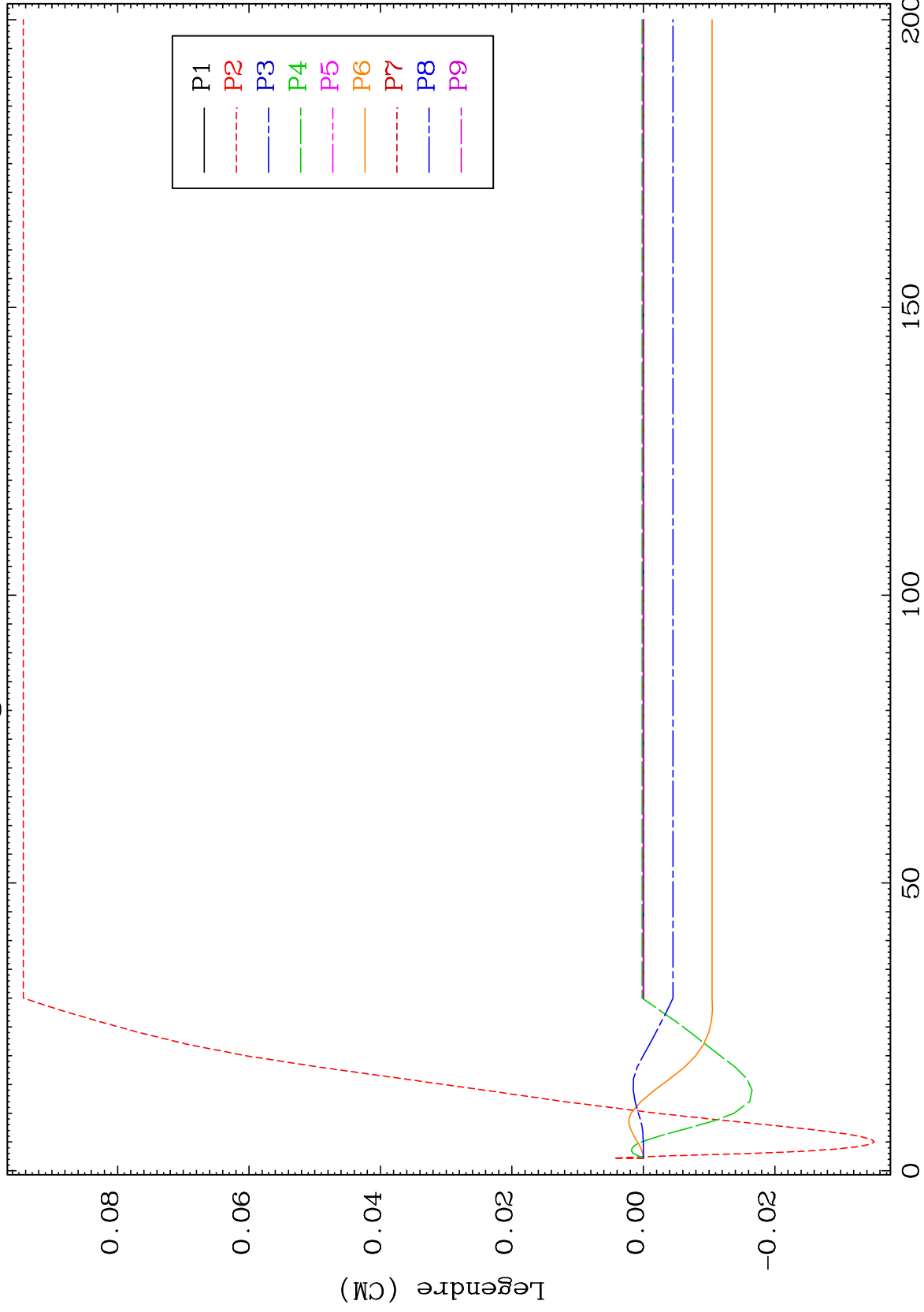
54-Xe-130



MAT 5443

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

54-Xe-130



61

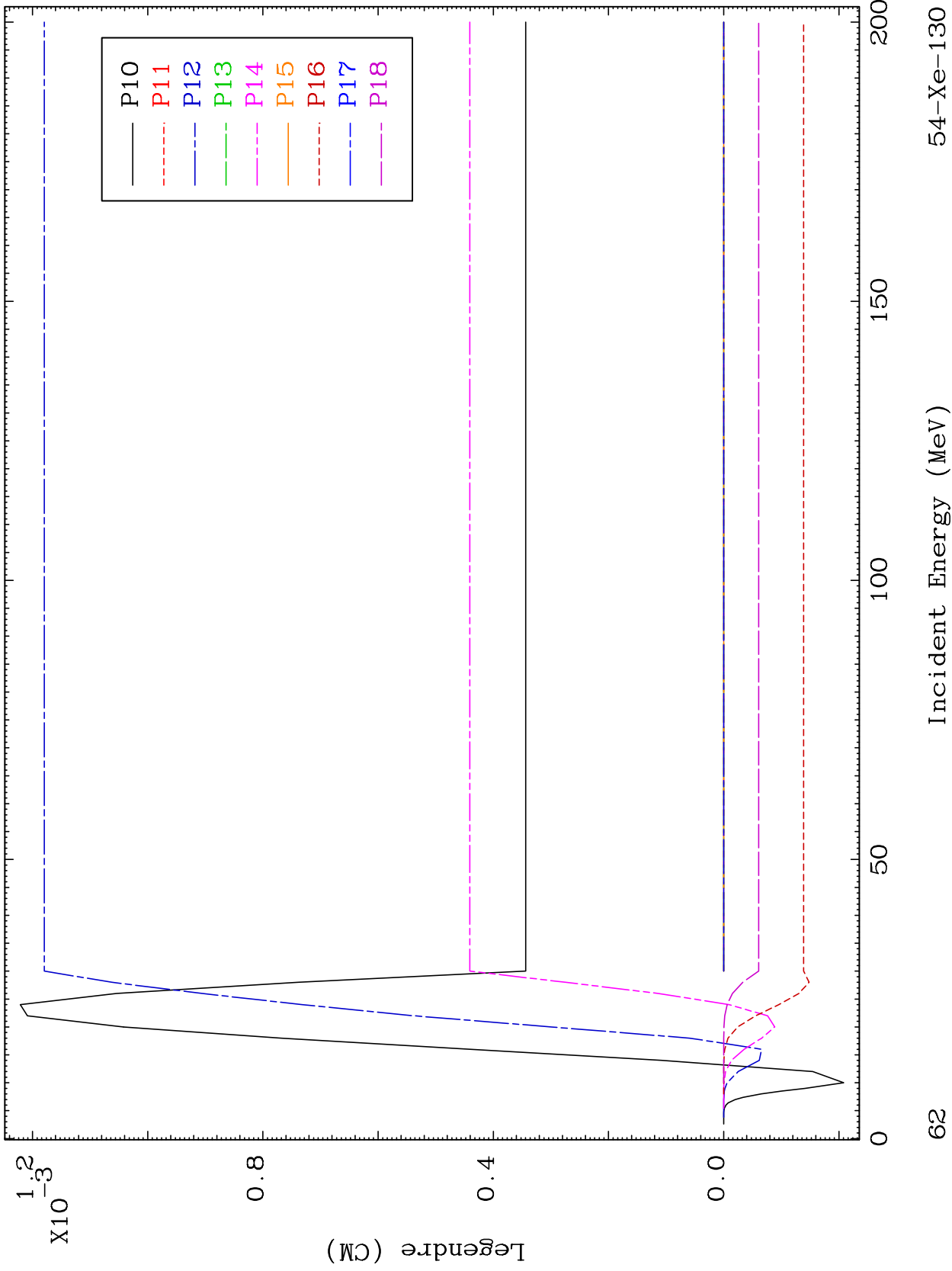
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

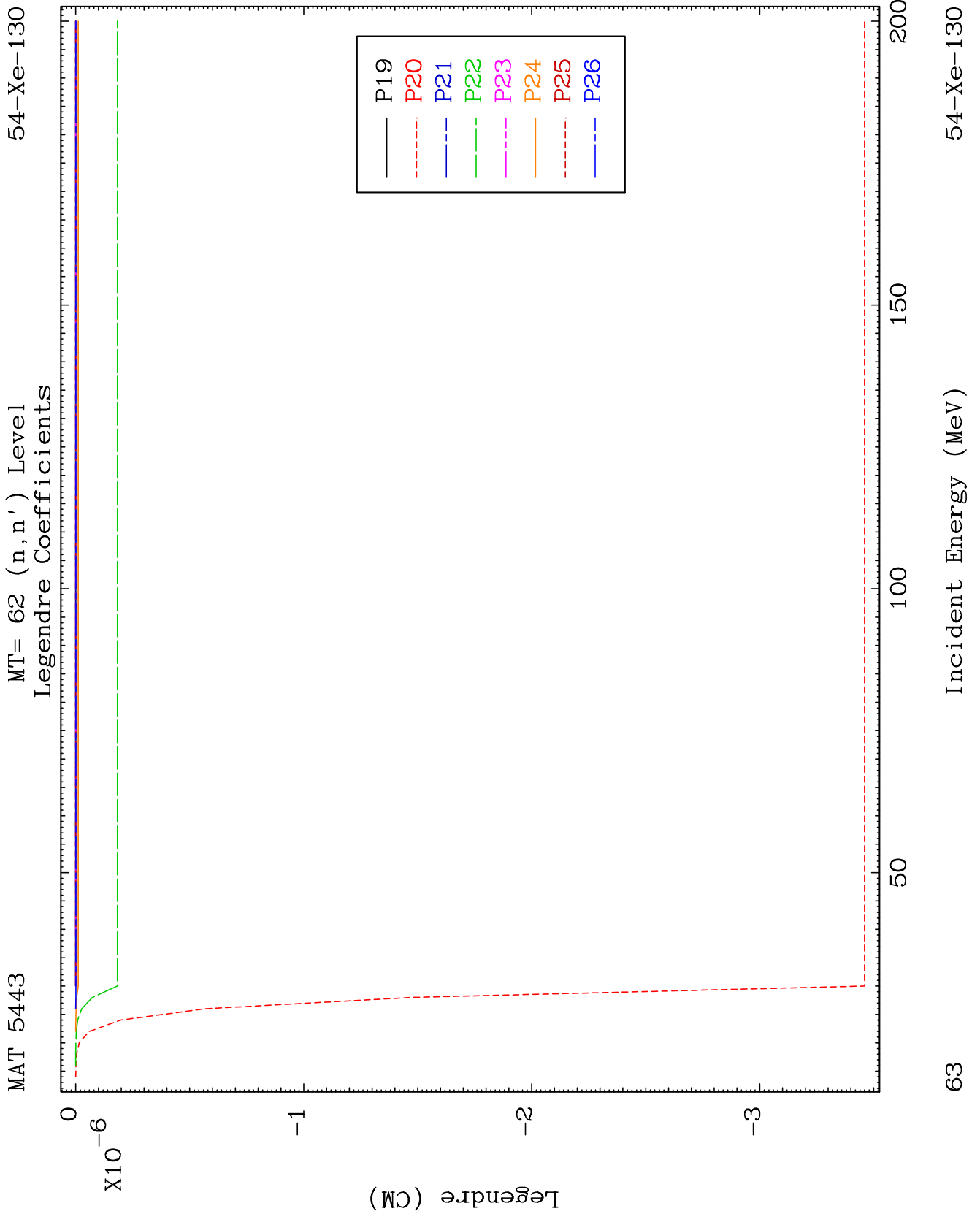
54-Xe-130



54-Xe-130

Incident Energy (MeV)

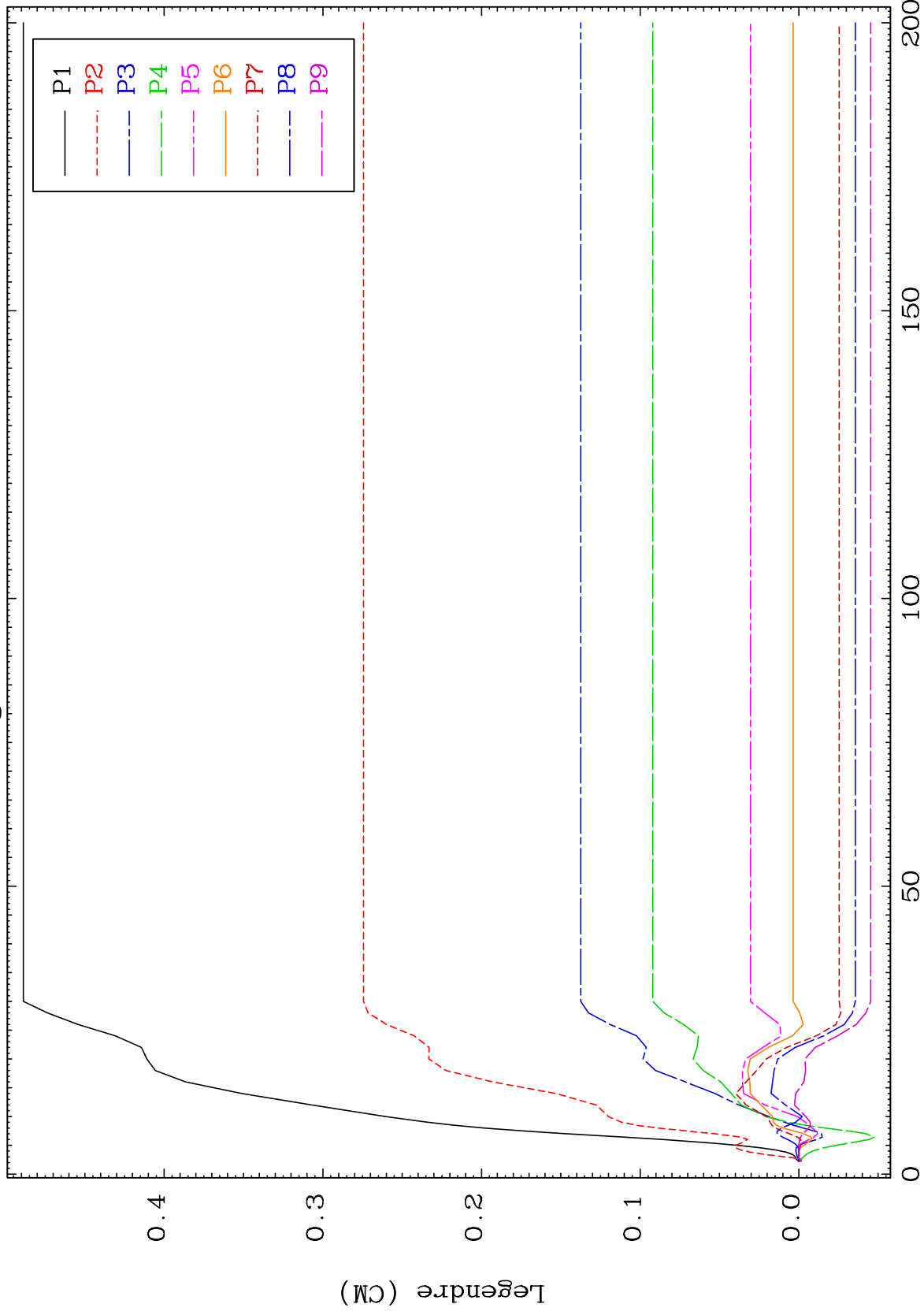
62



MAT 5443

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

54-Xe-130



64

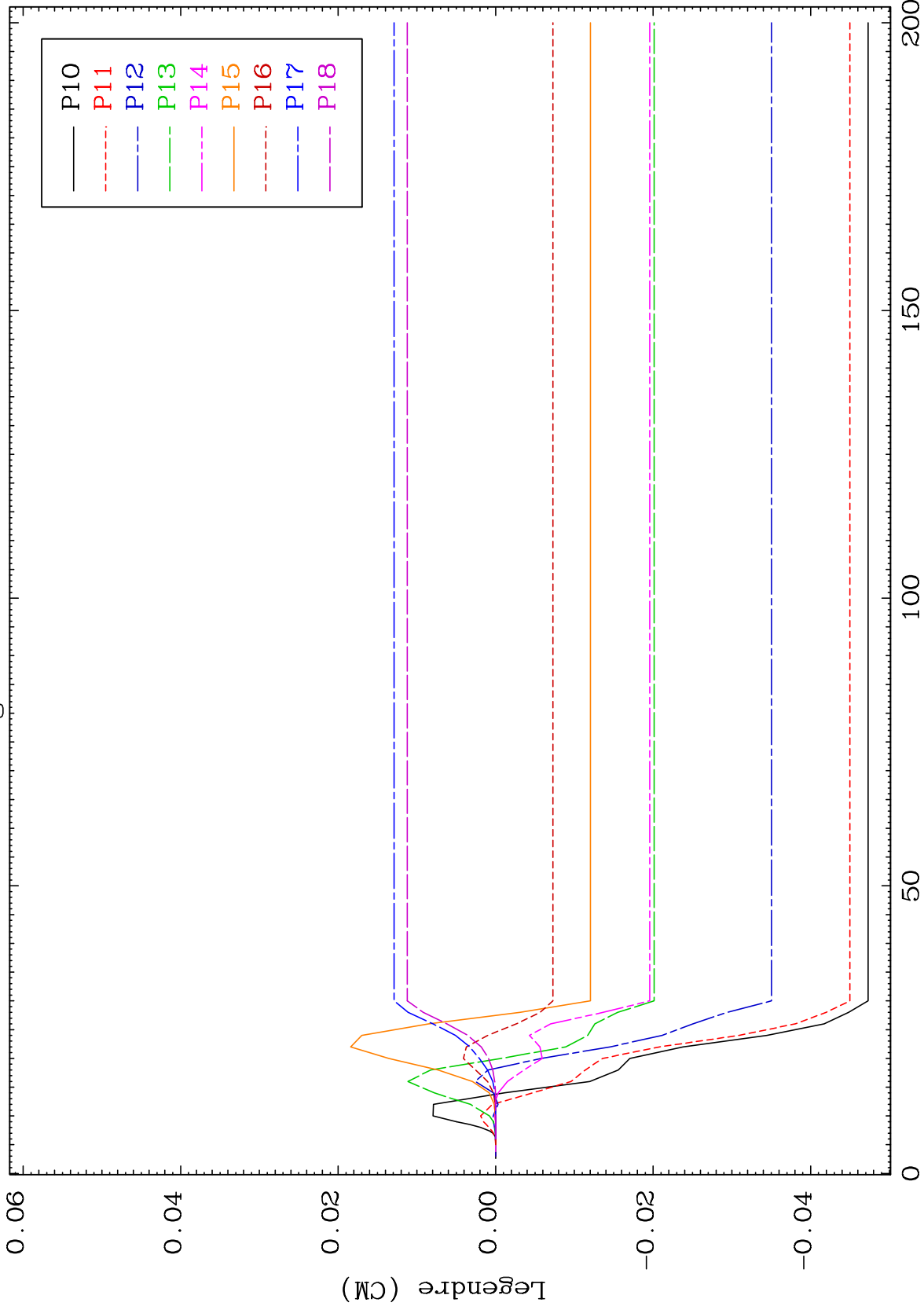
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



65

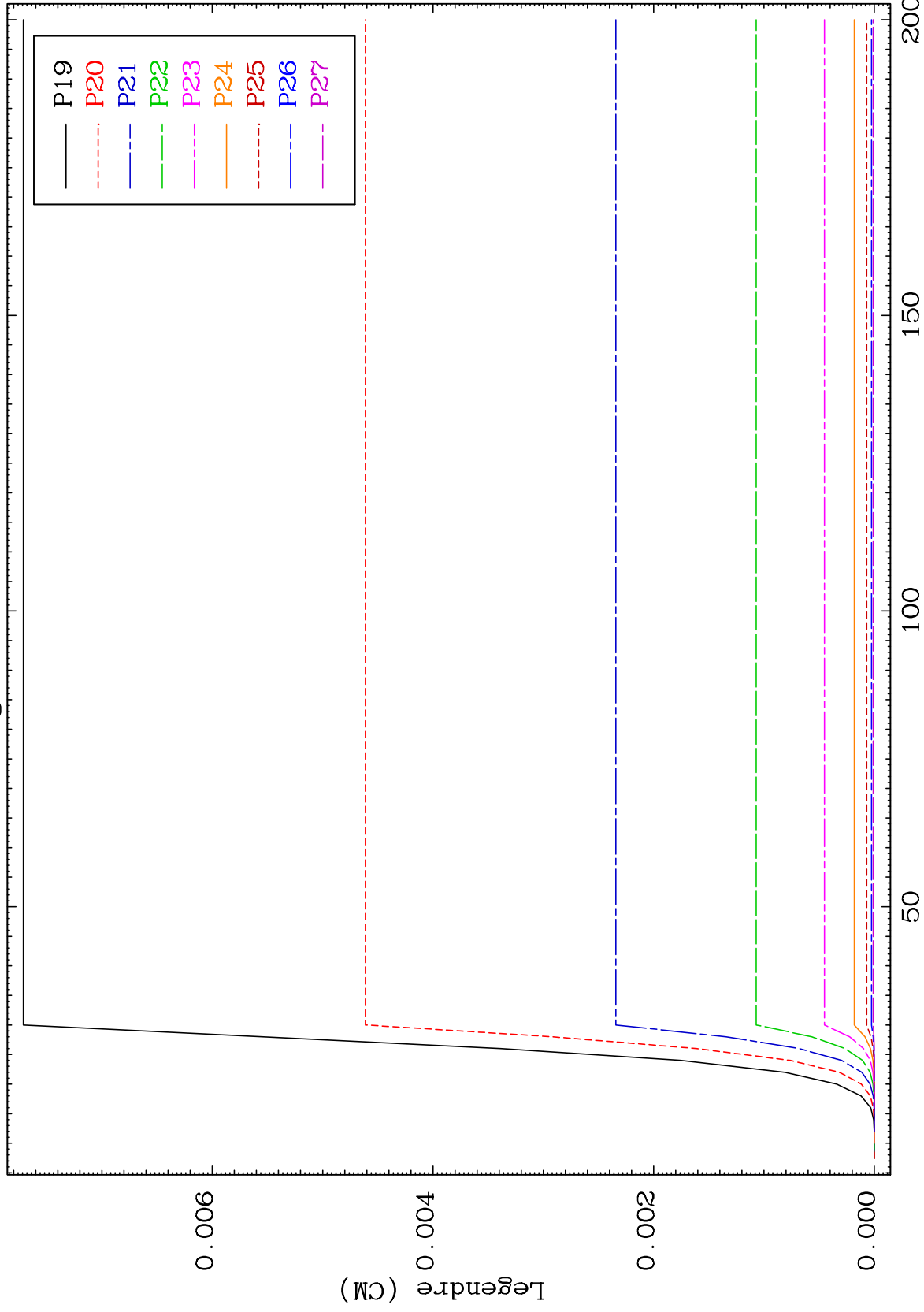
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



66

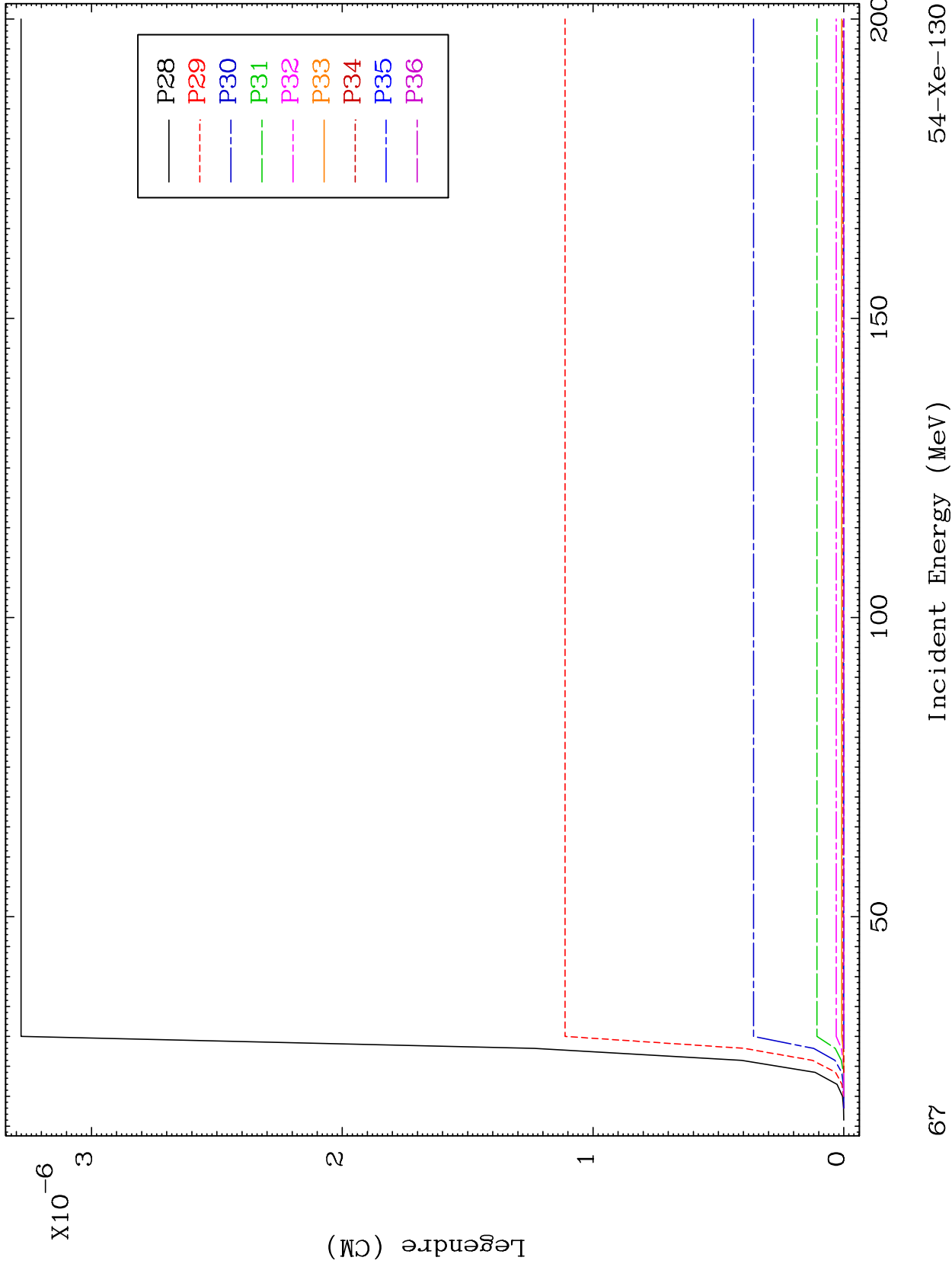
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

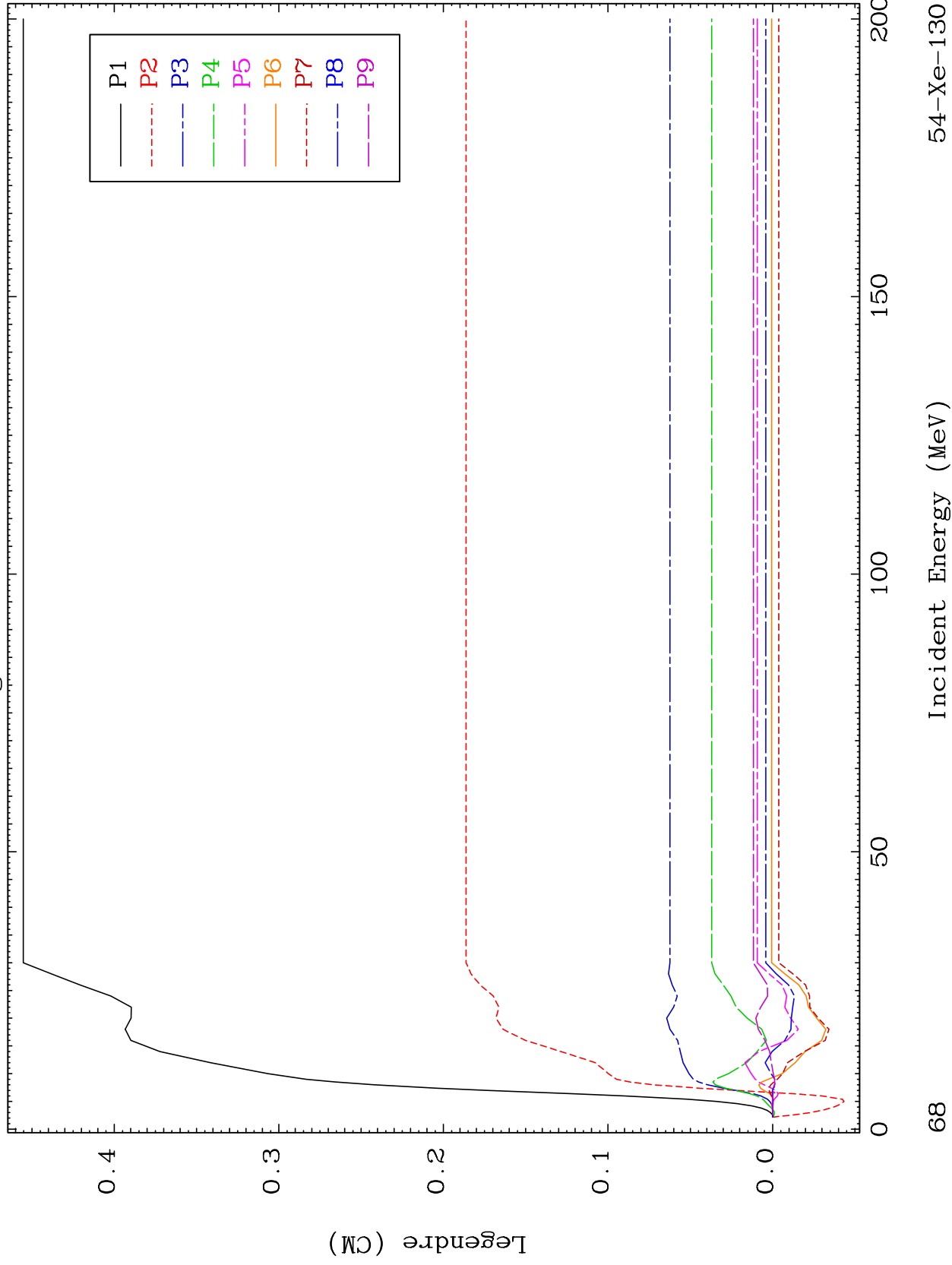
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

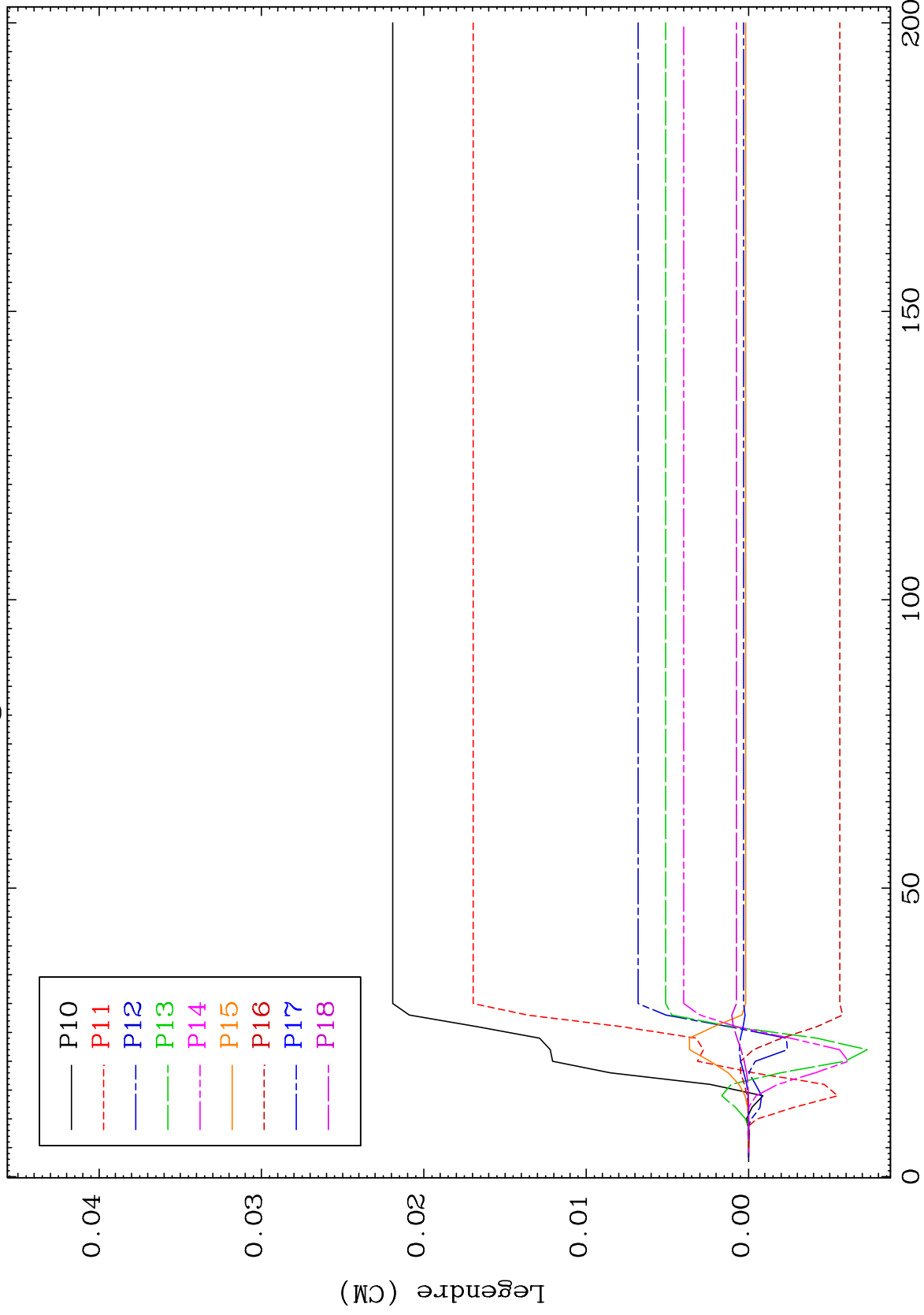
Incident Energy (MeV)

68

MAT 5443

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

54-Xe-130



69

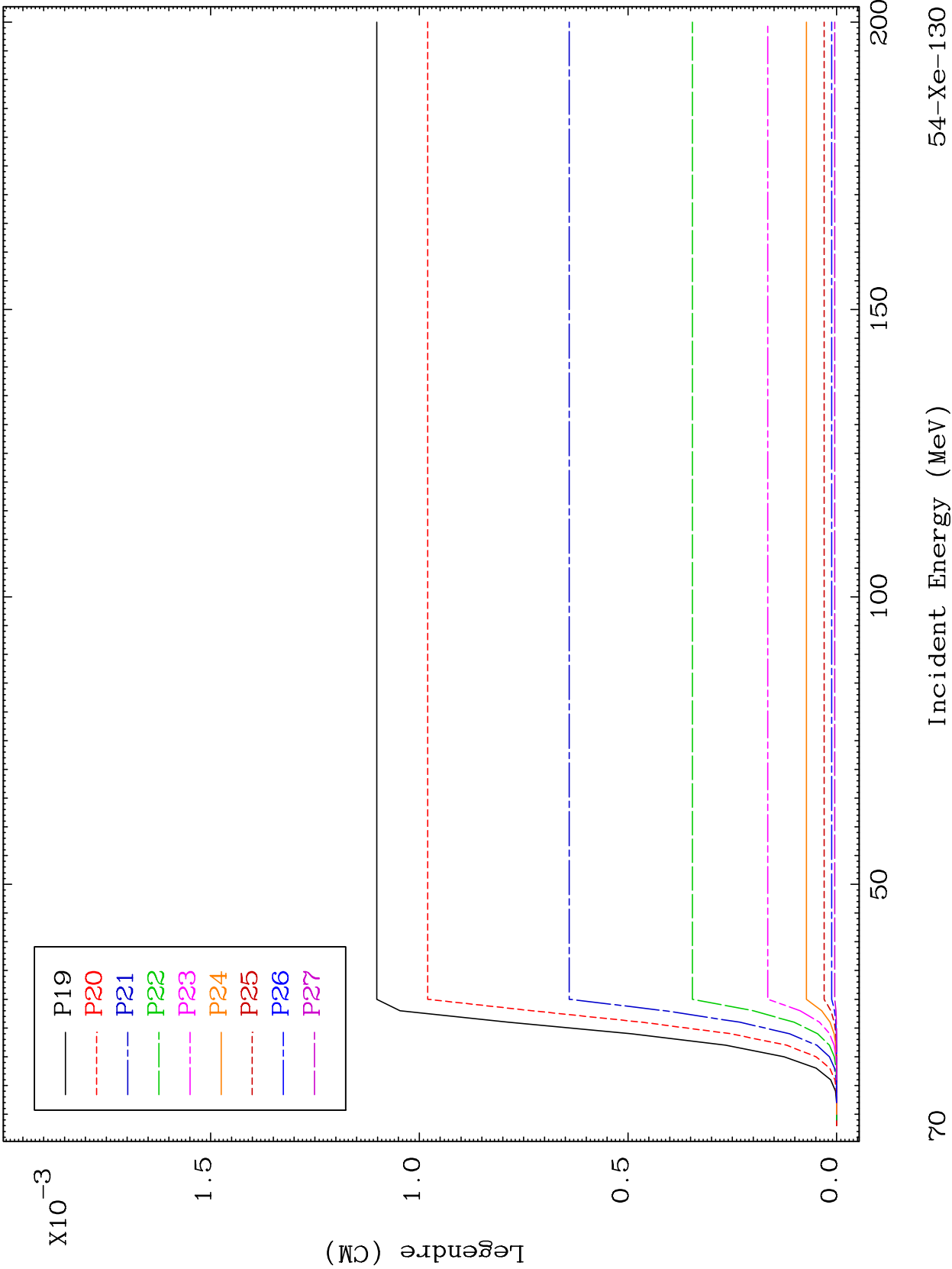
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



70

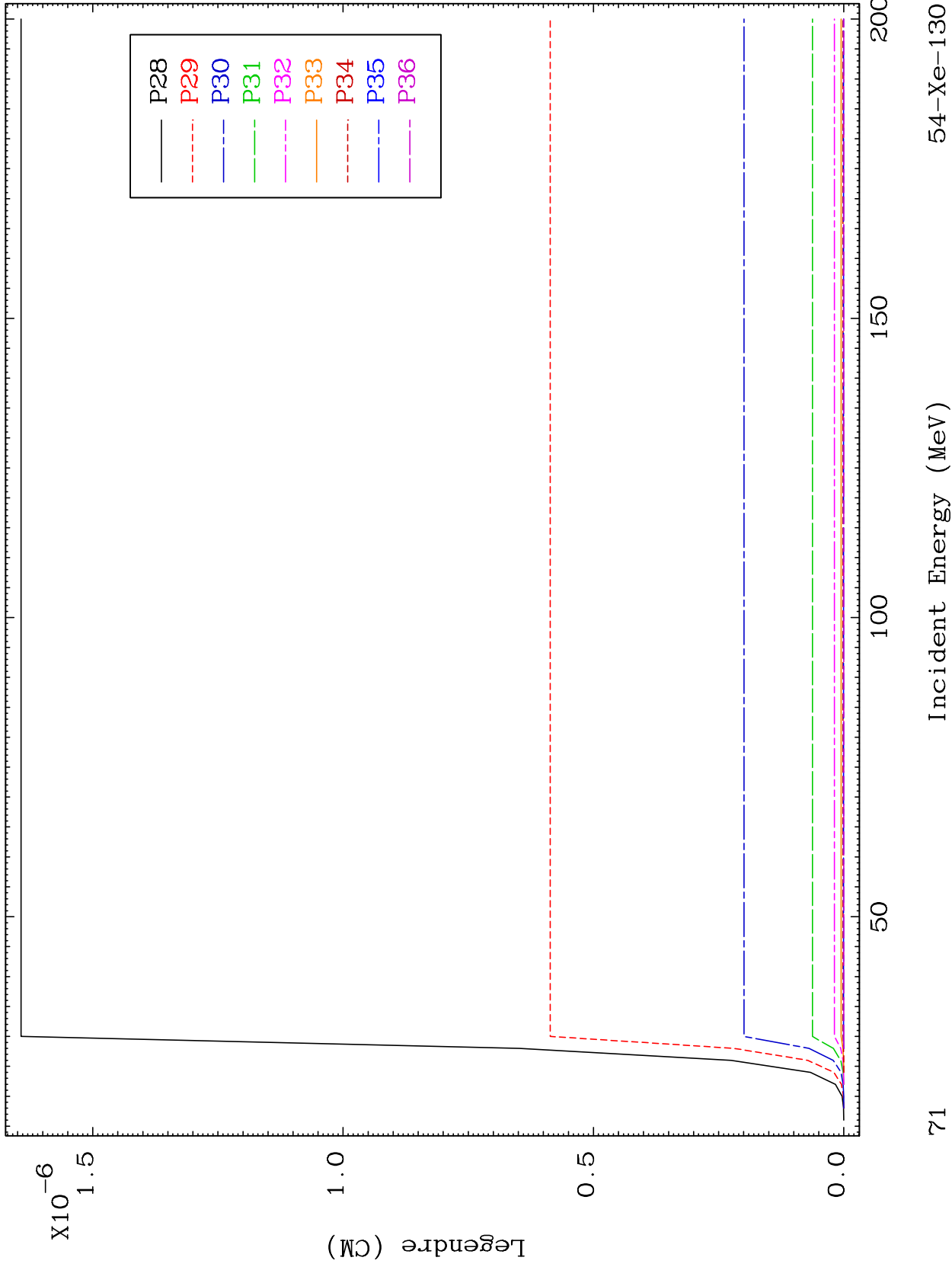
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



71

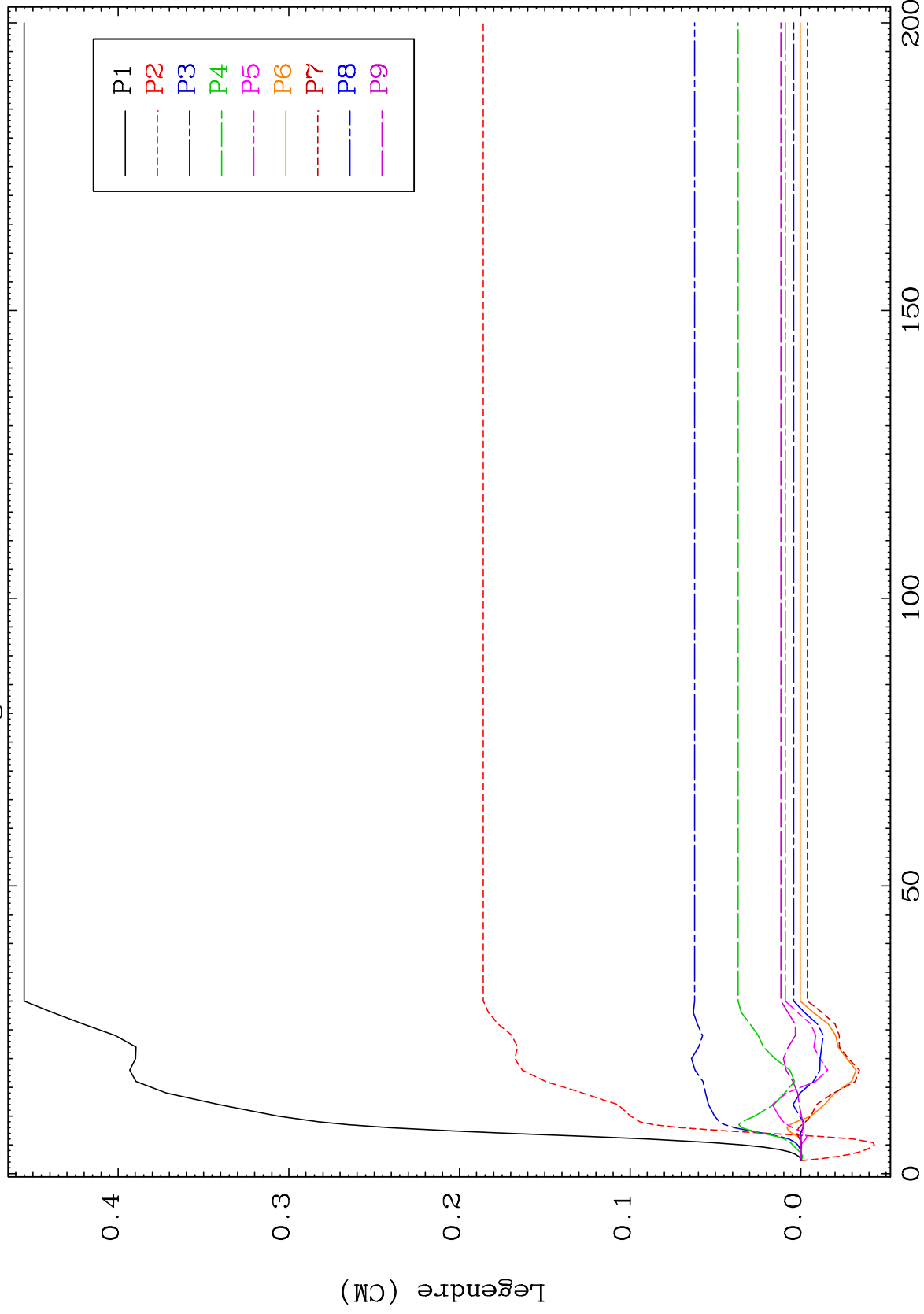
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



72

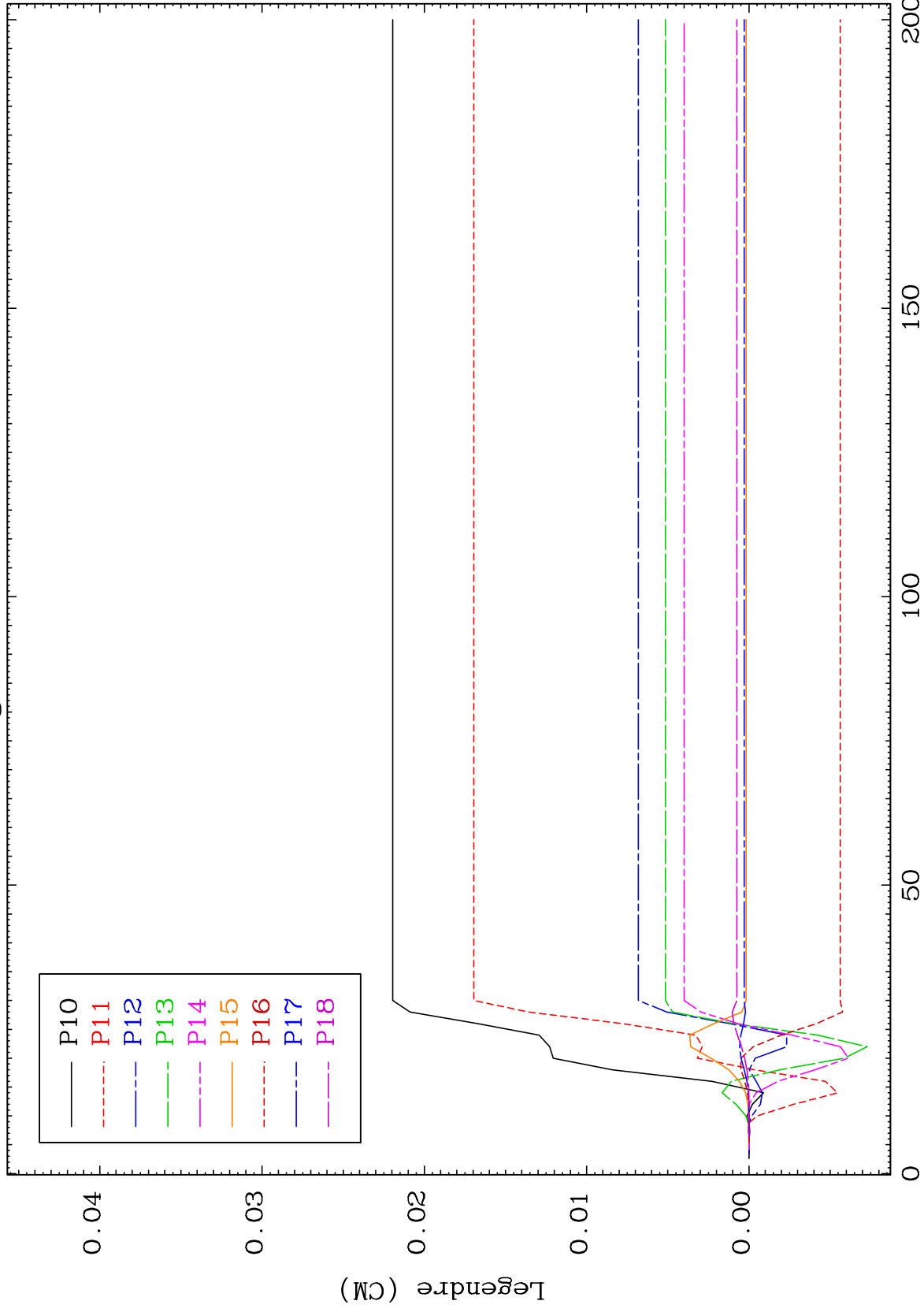
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



73

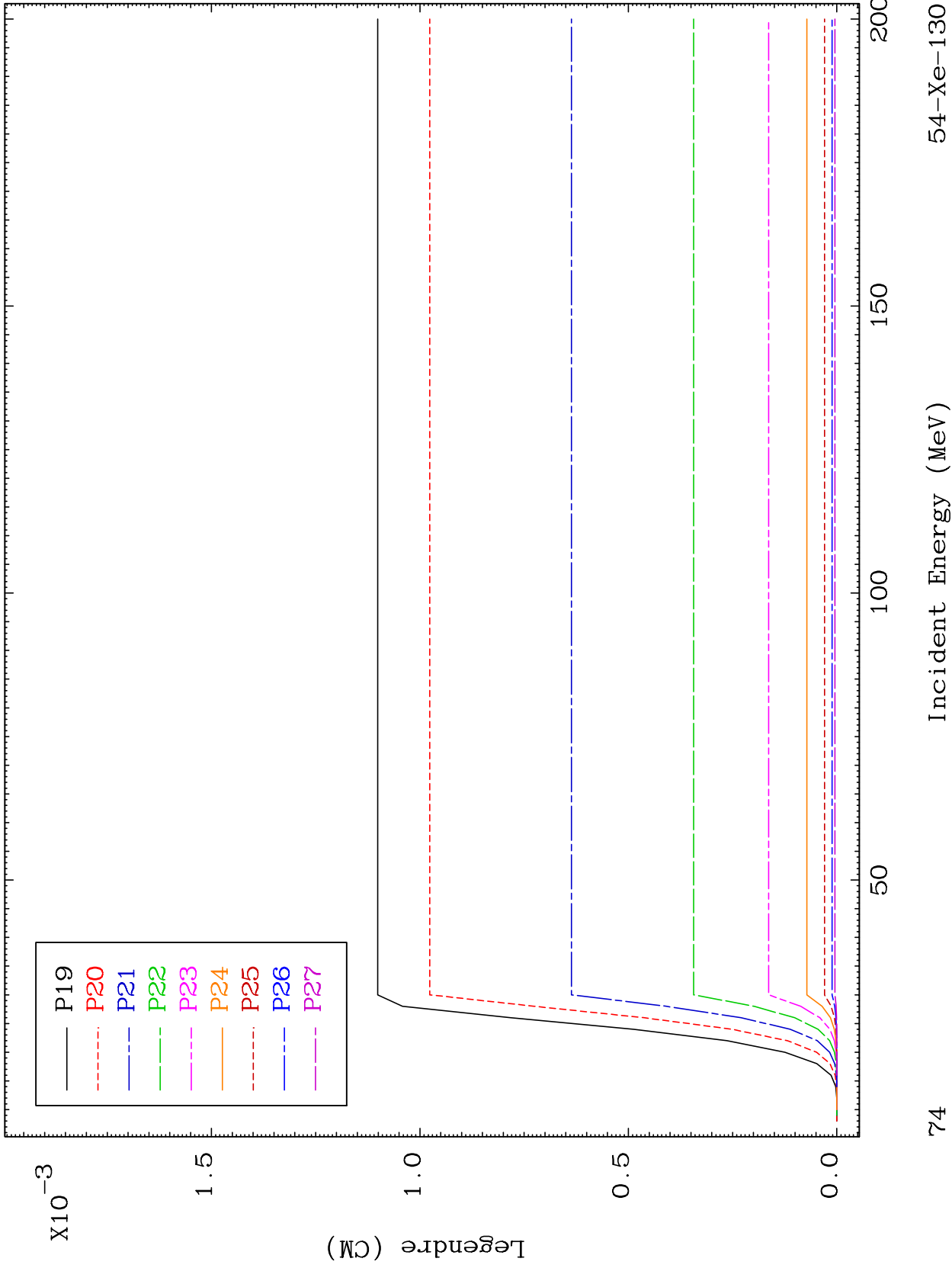
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

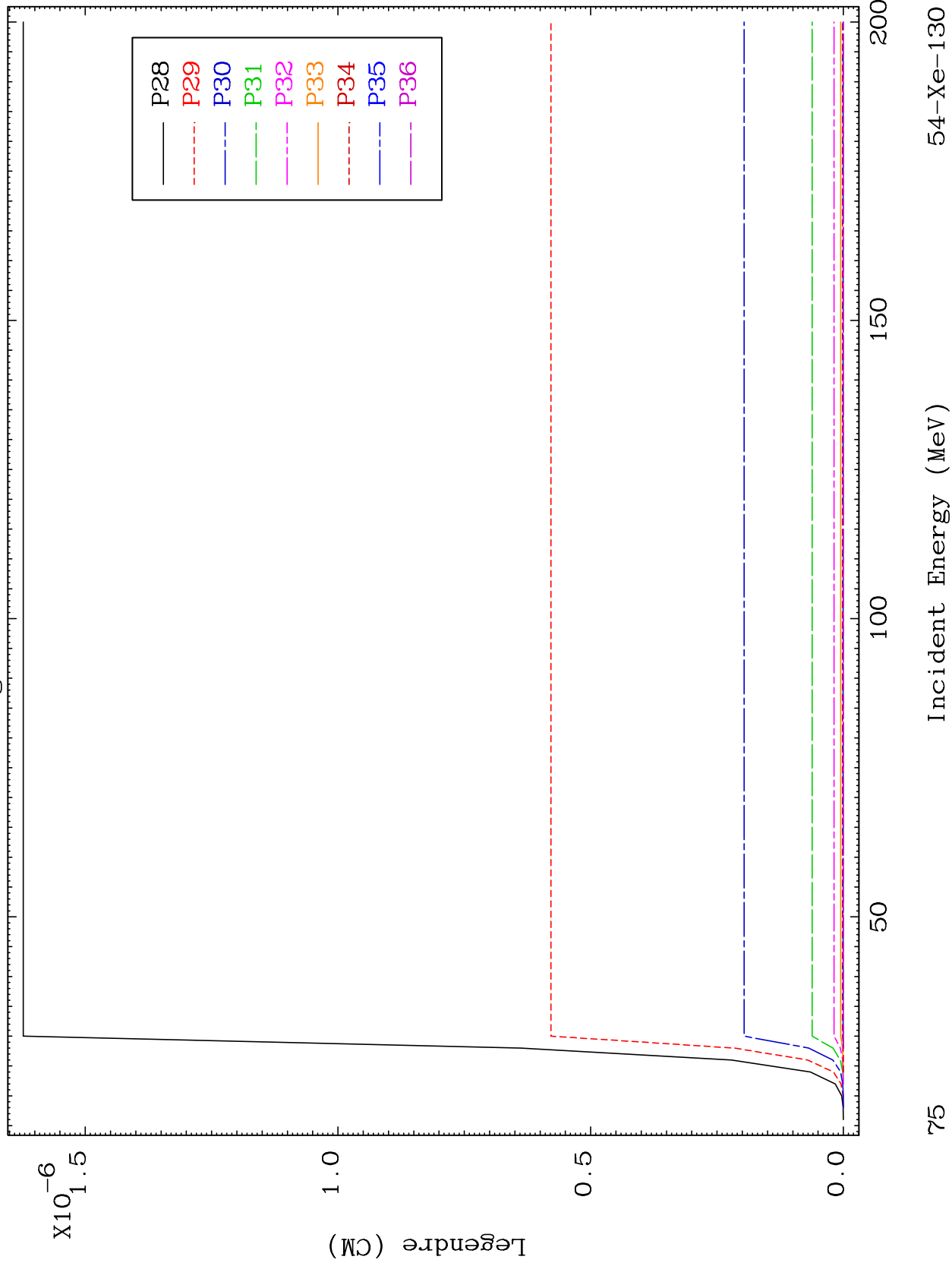
54-Xe-130



MAT 5443

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

54-Xe-130



75

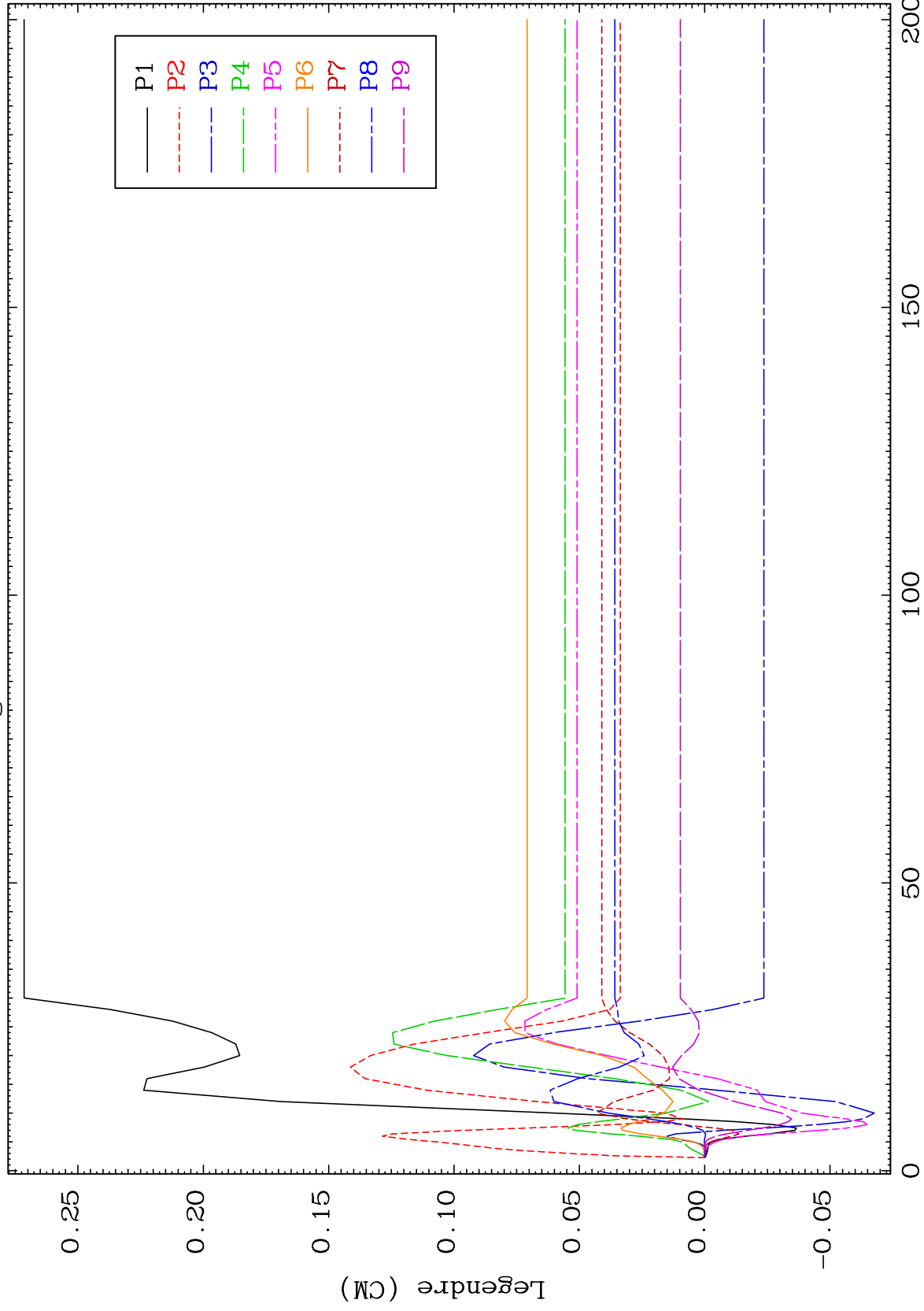
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



76

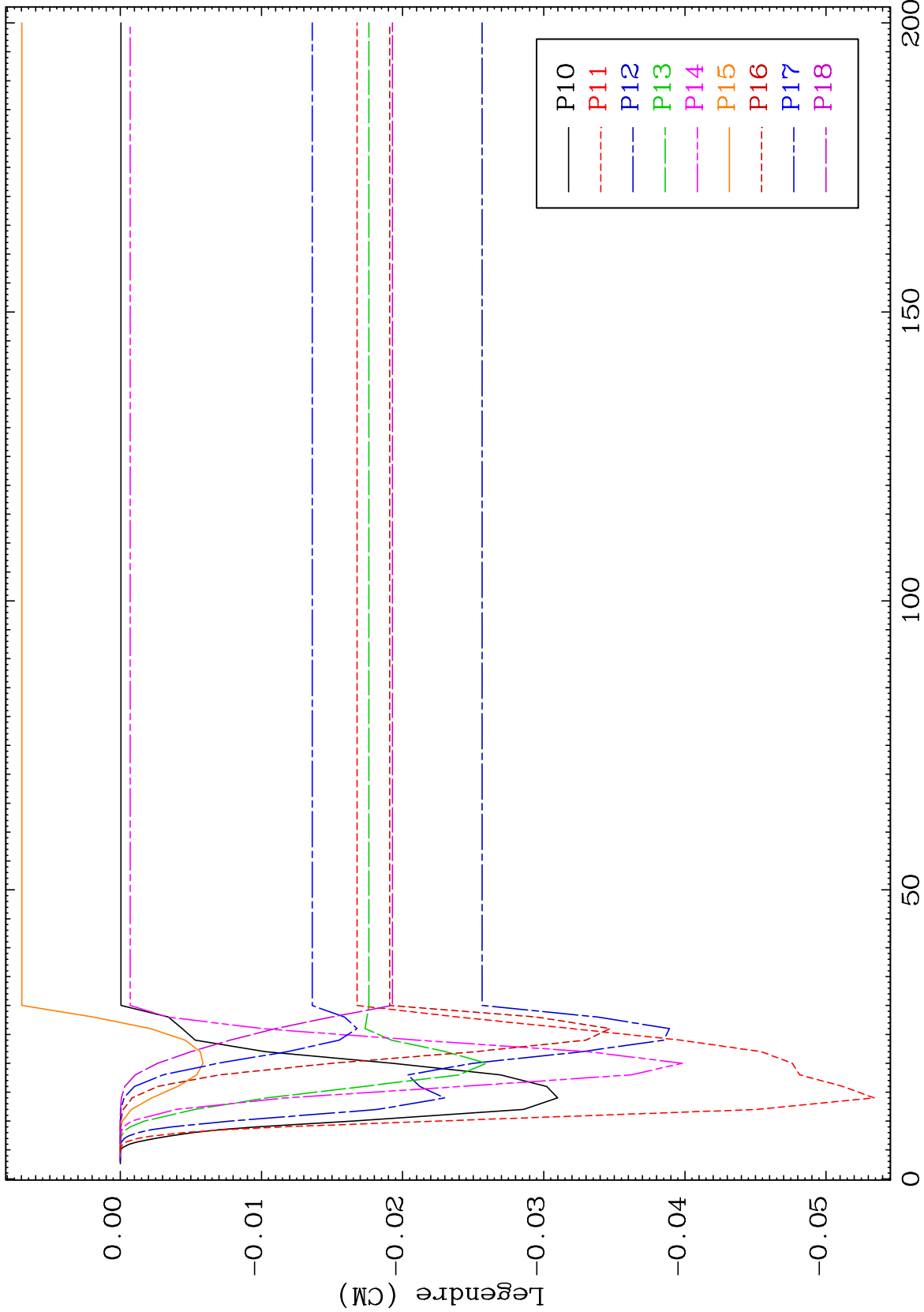
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

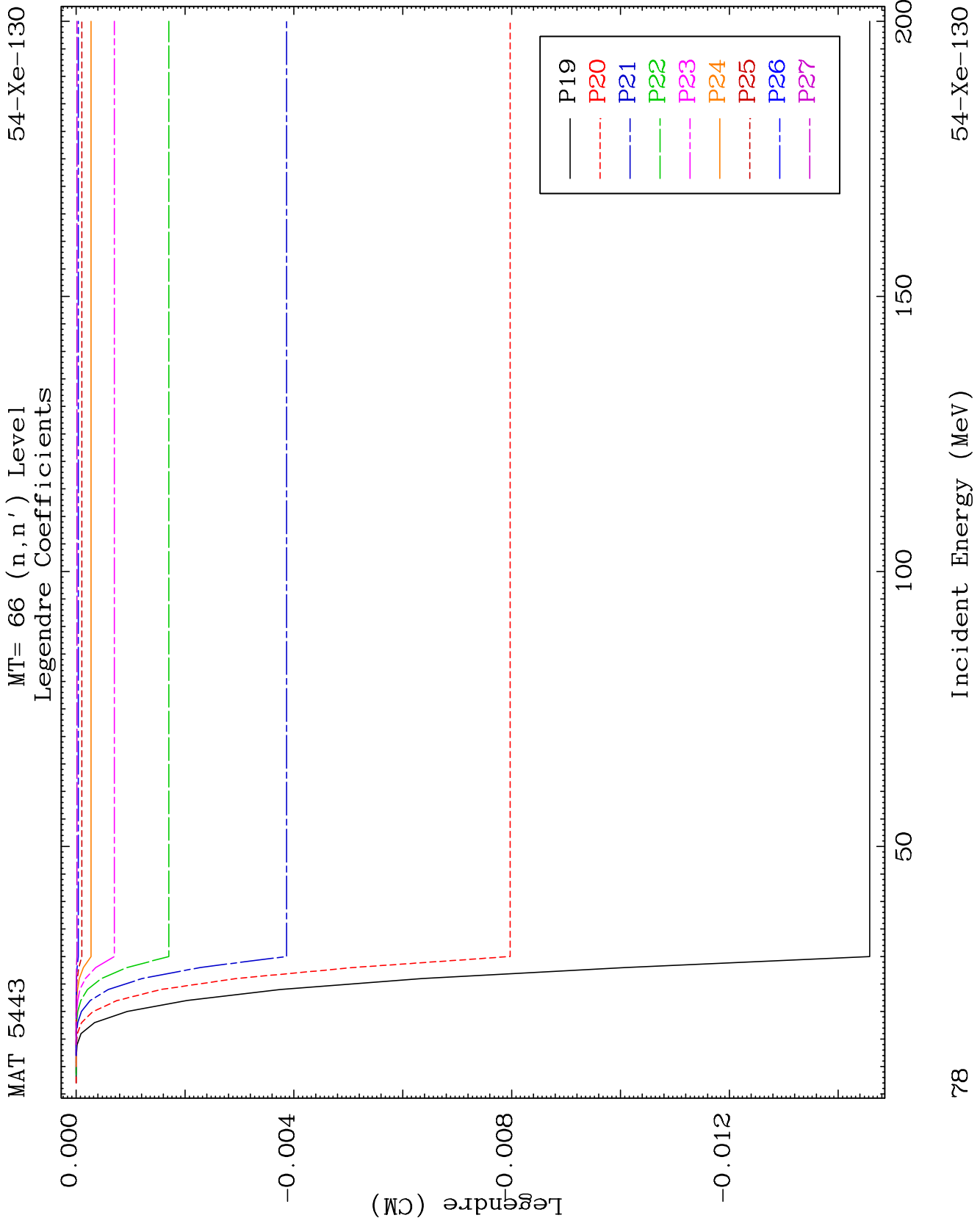
54-Xe-130

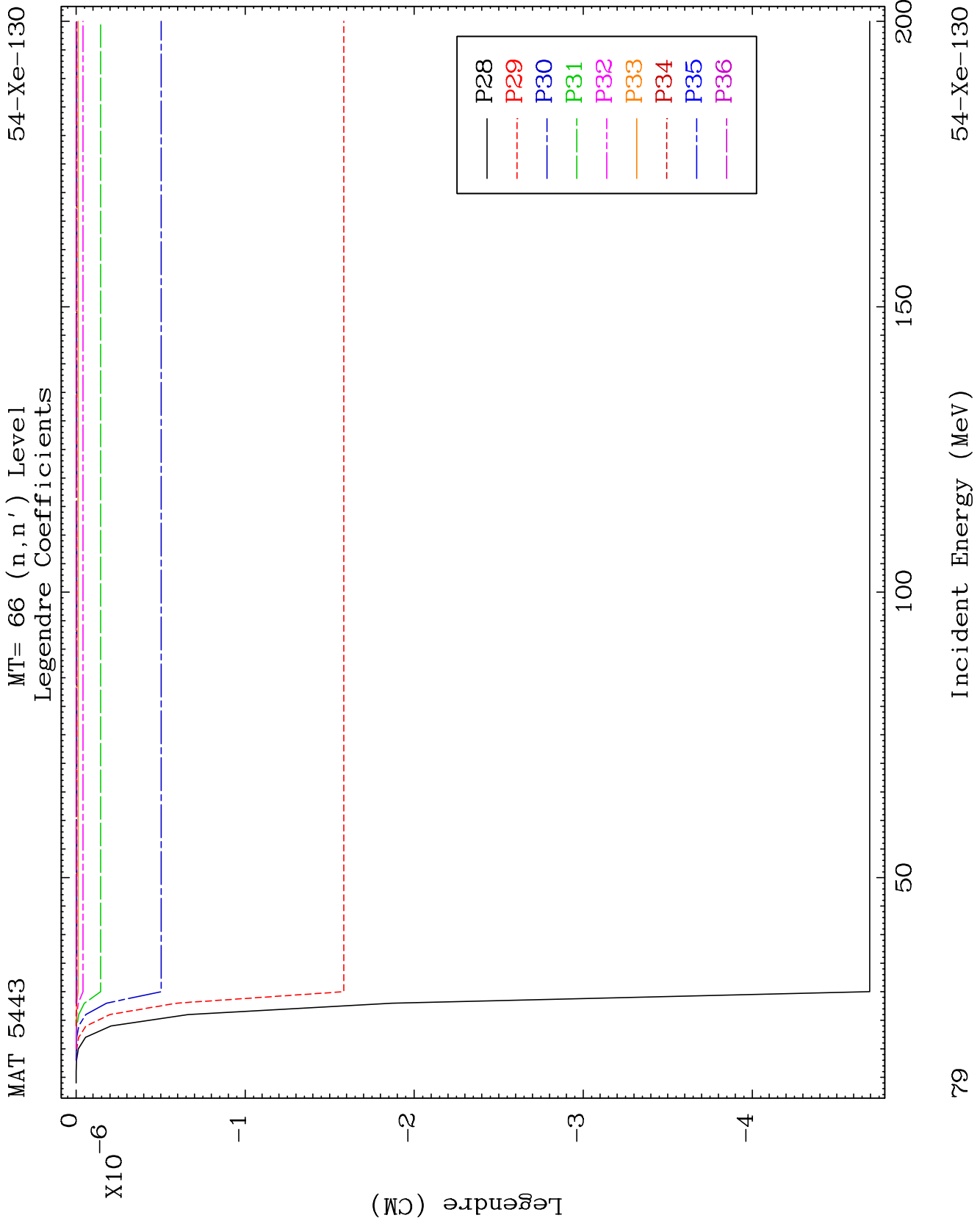


77

Incident Energy (MeV)

54-Xe-130

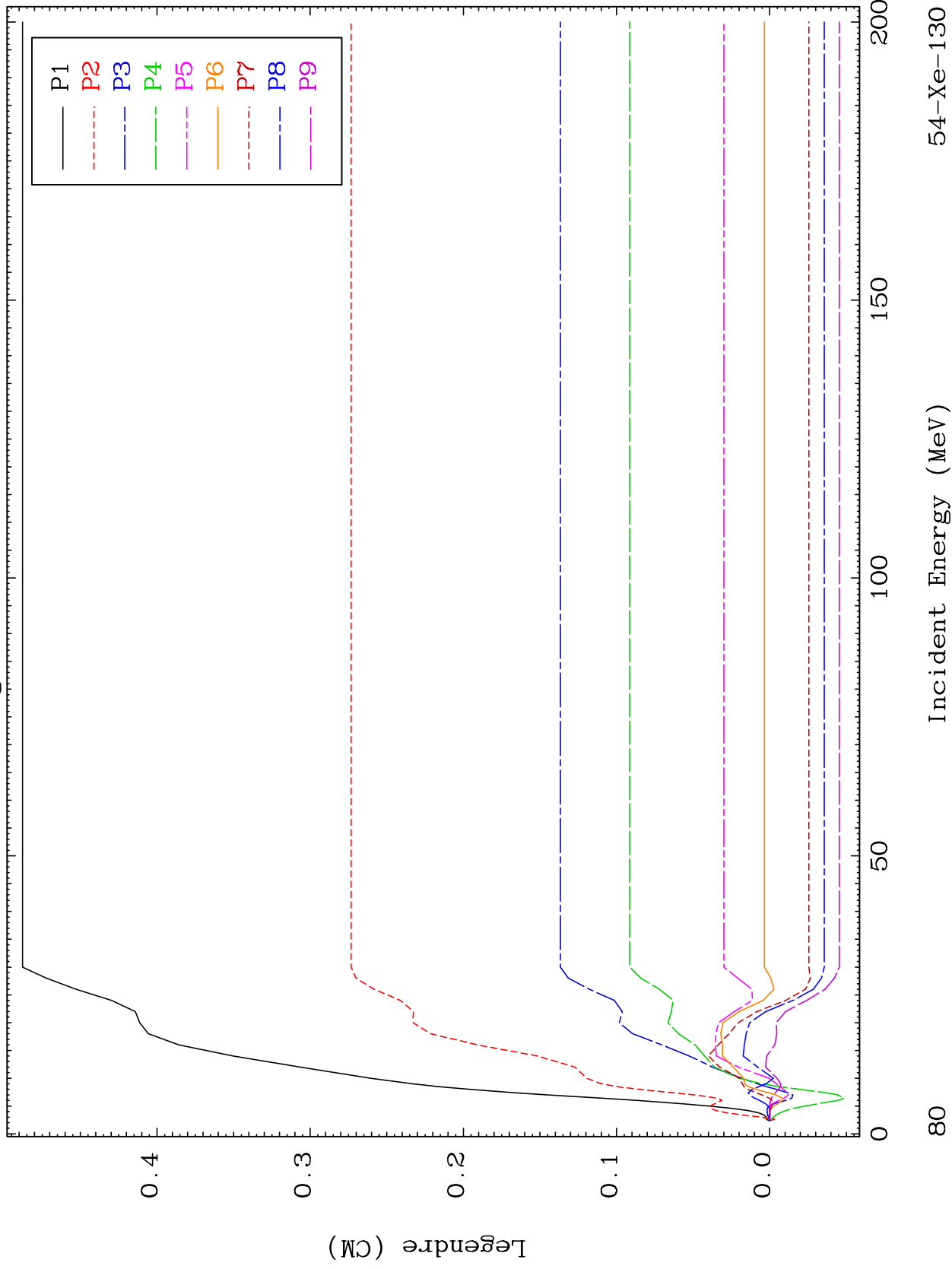




MAT 5443

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

54-Xe-130



54-Xe-130

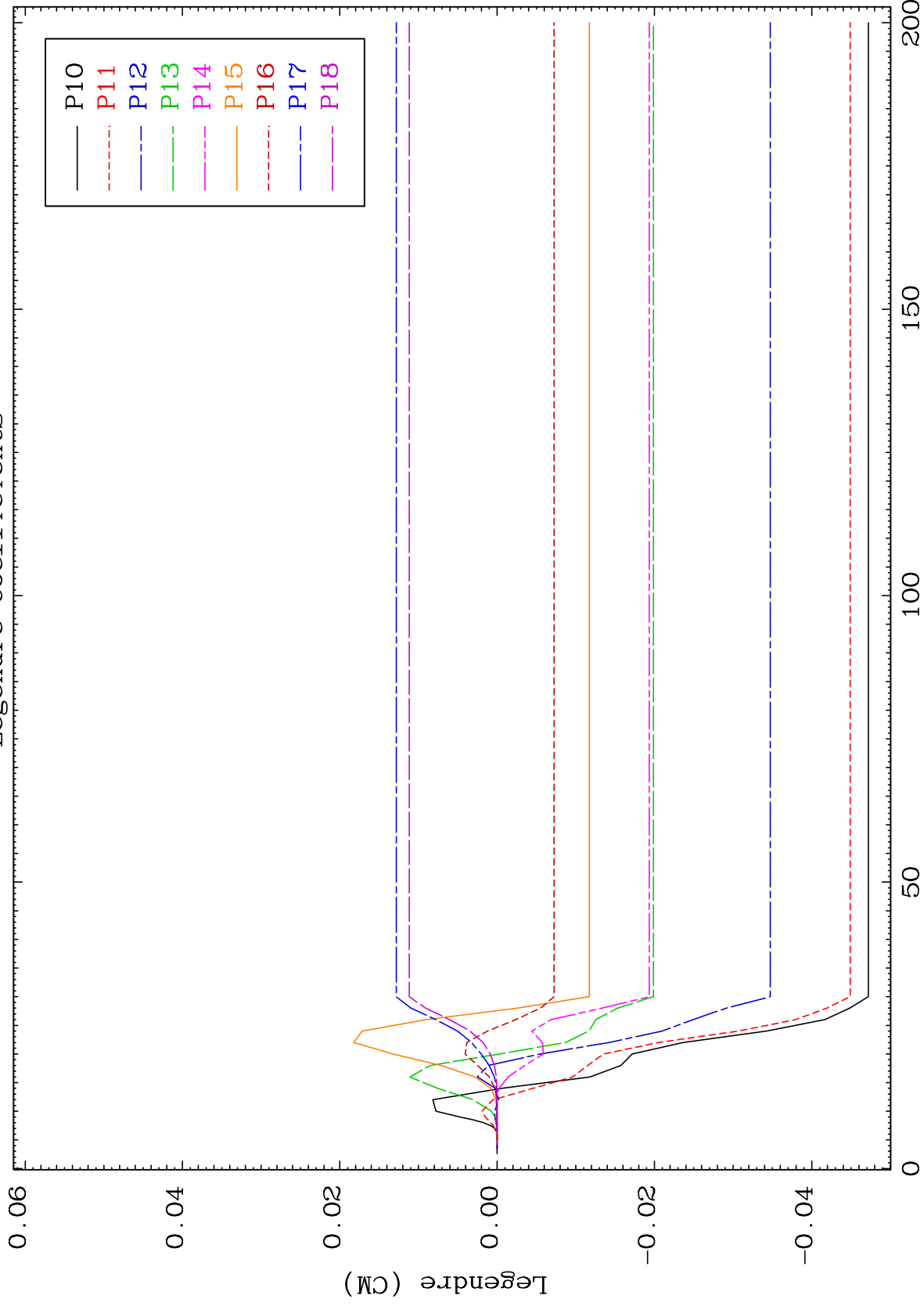
Incident Energy (MeV)

80

MAT 5443

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

54-Xe-130



81

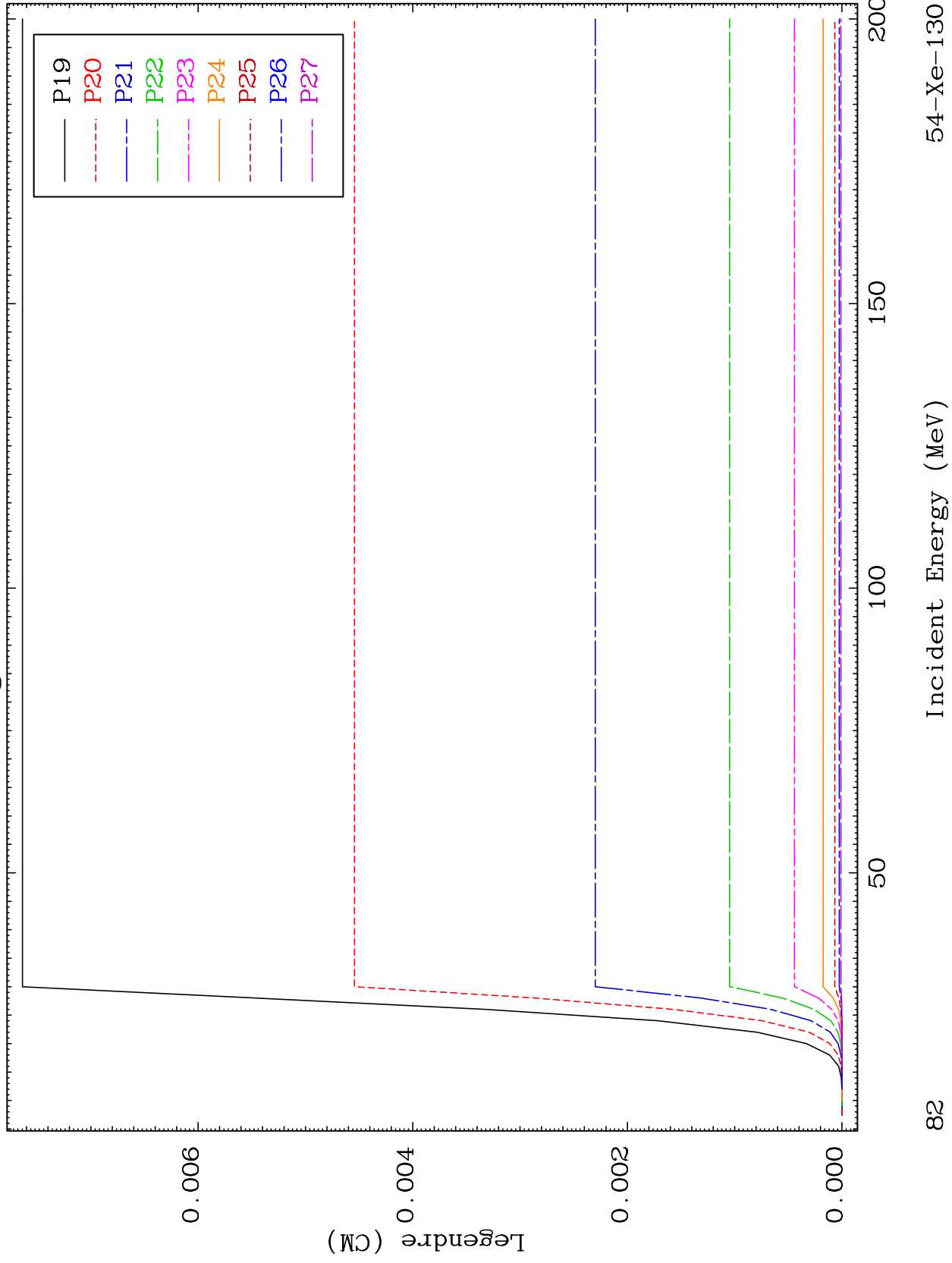
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



82

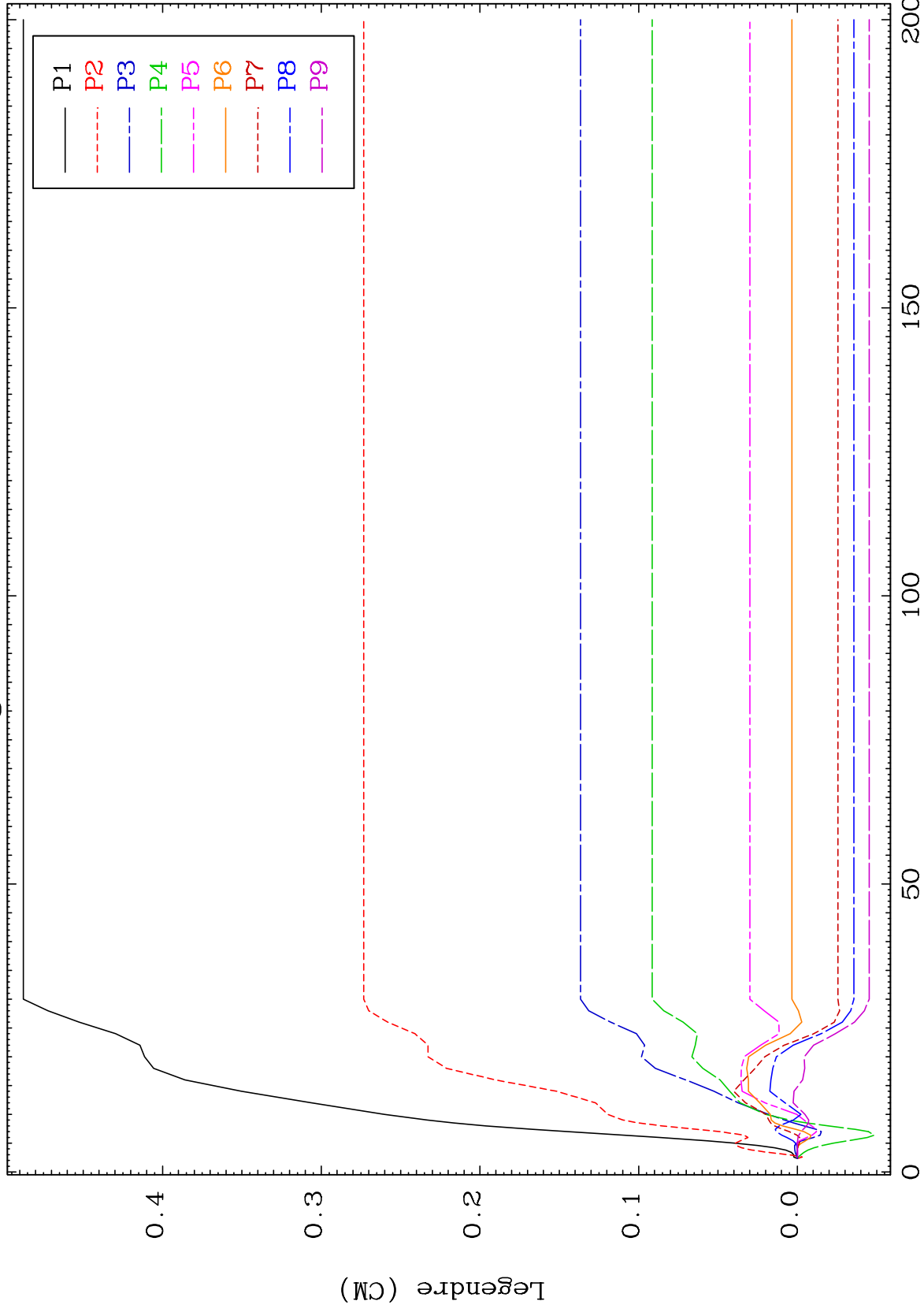
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



84

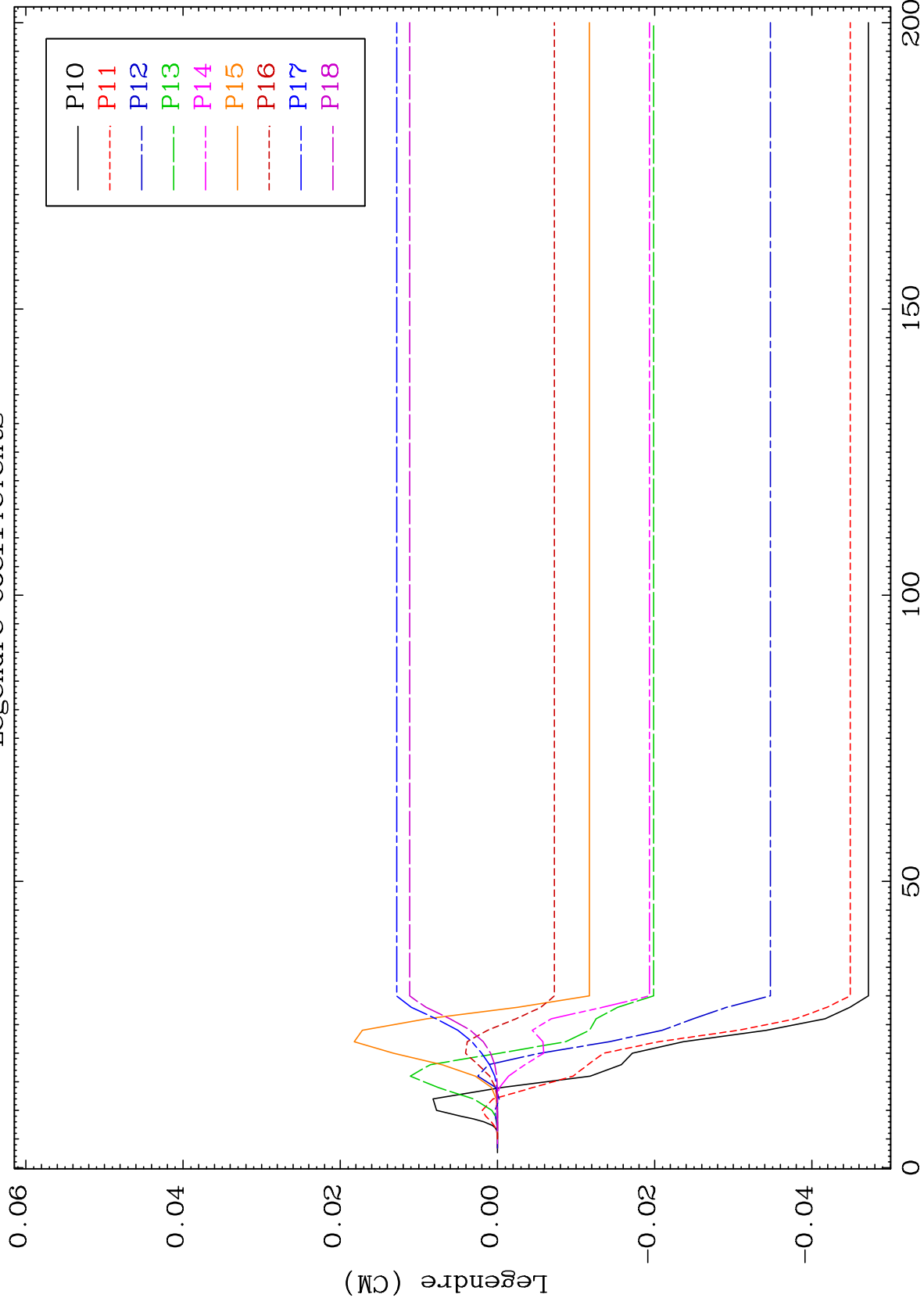
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



85

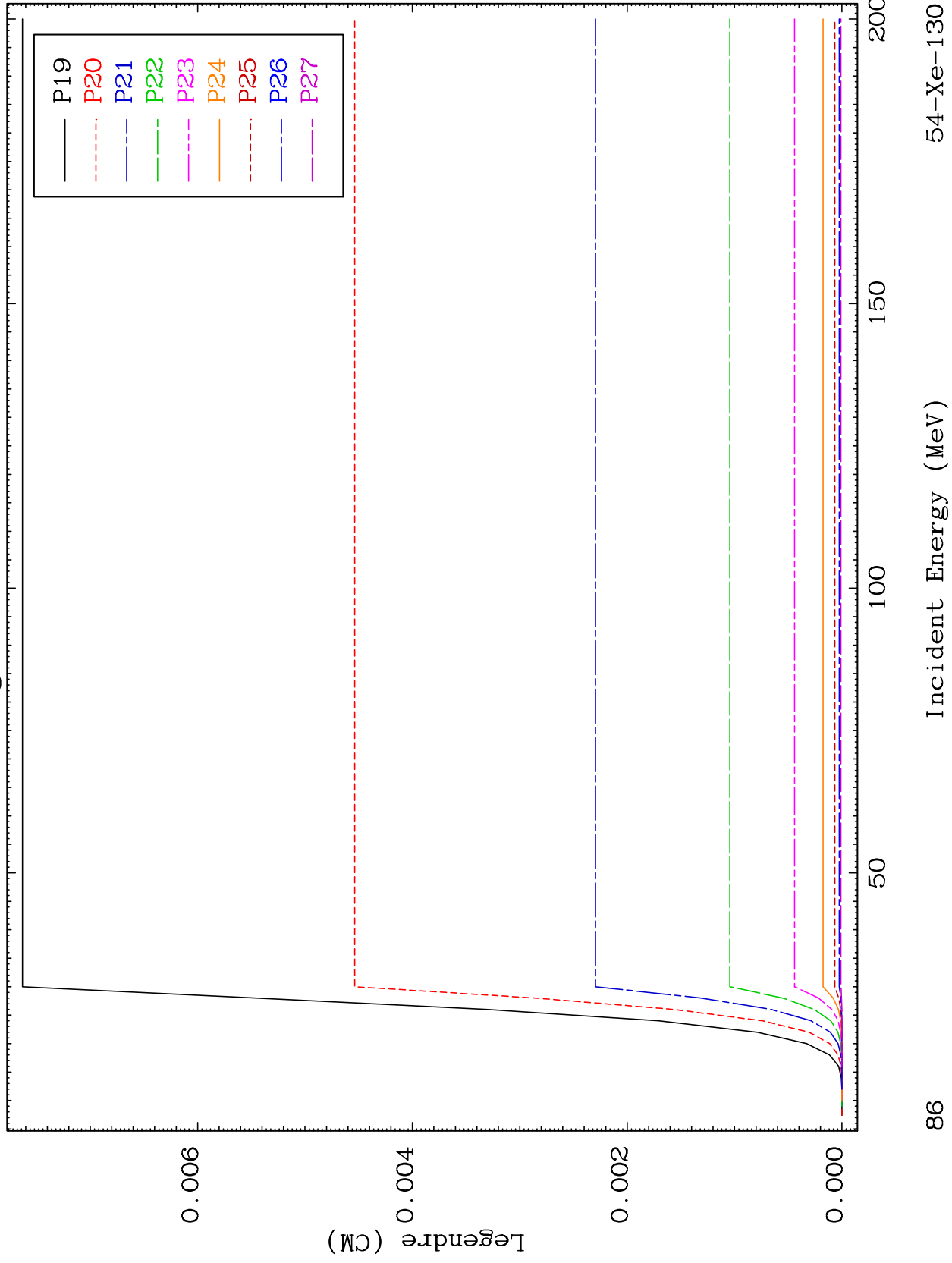
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



86

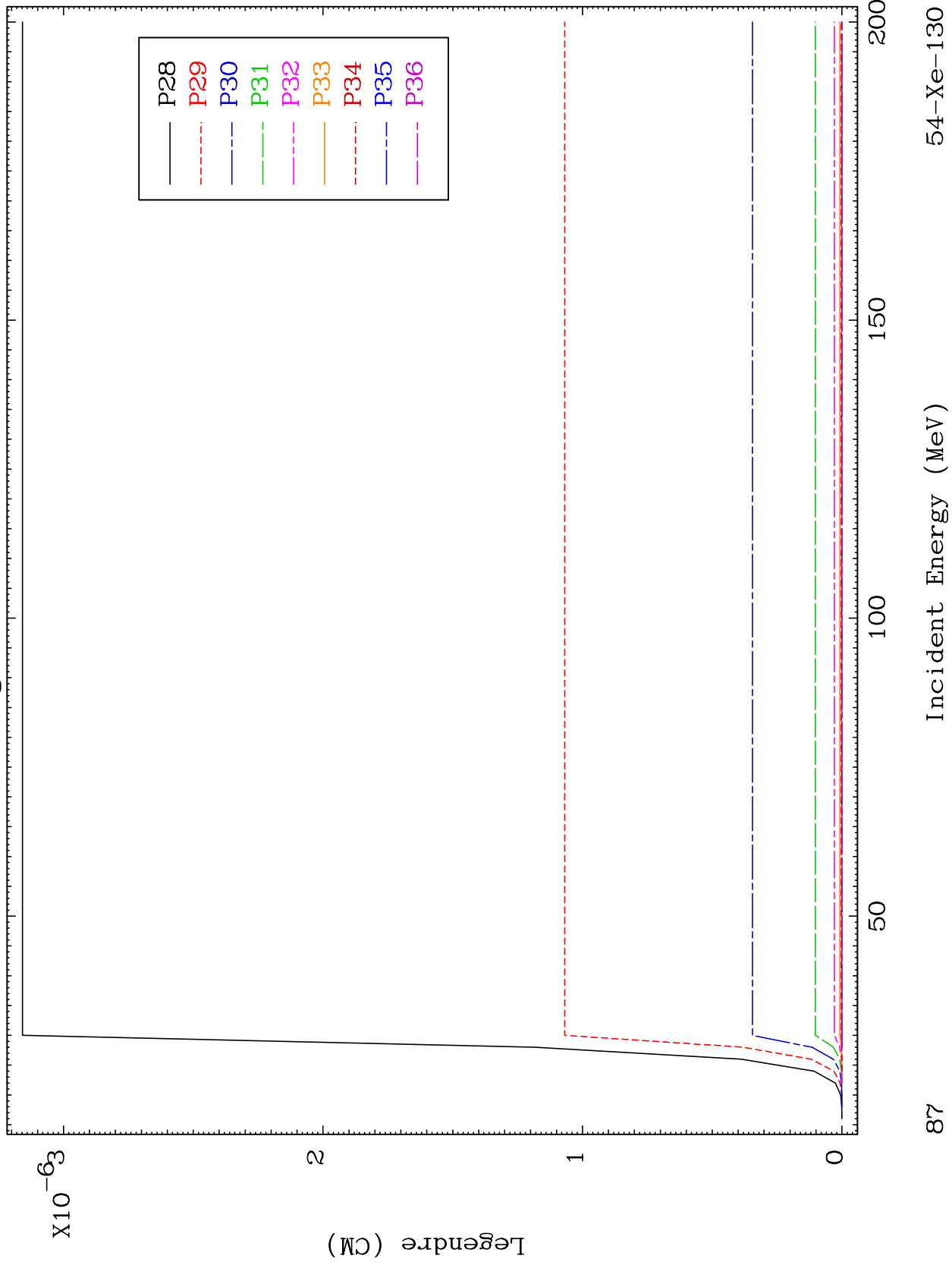
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

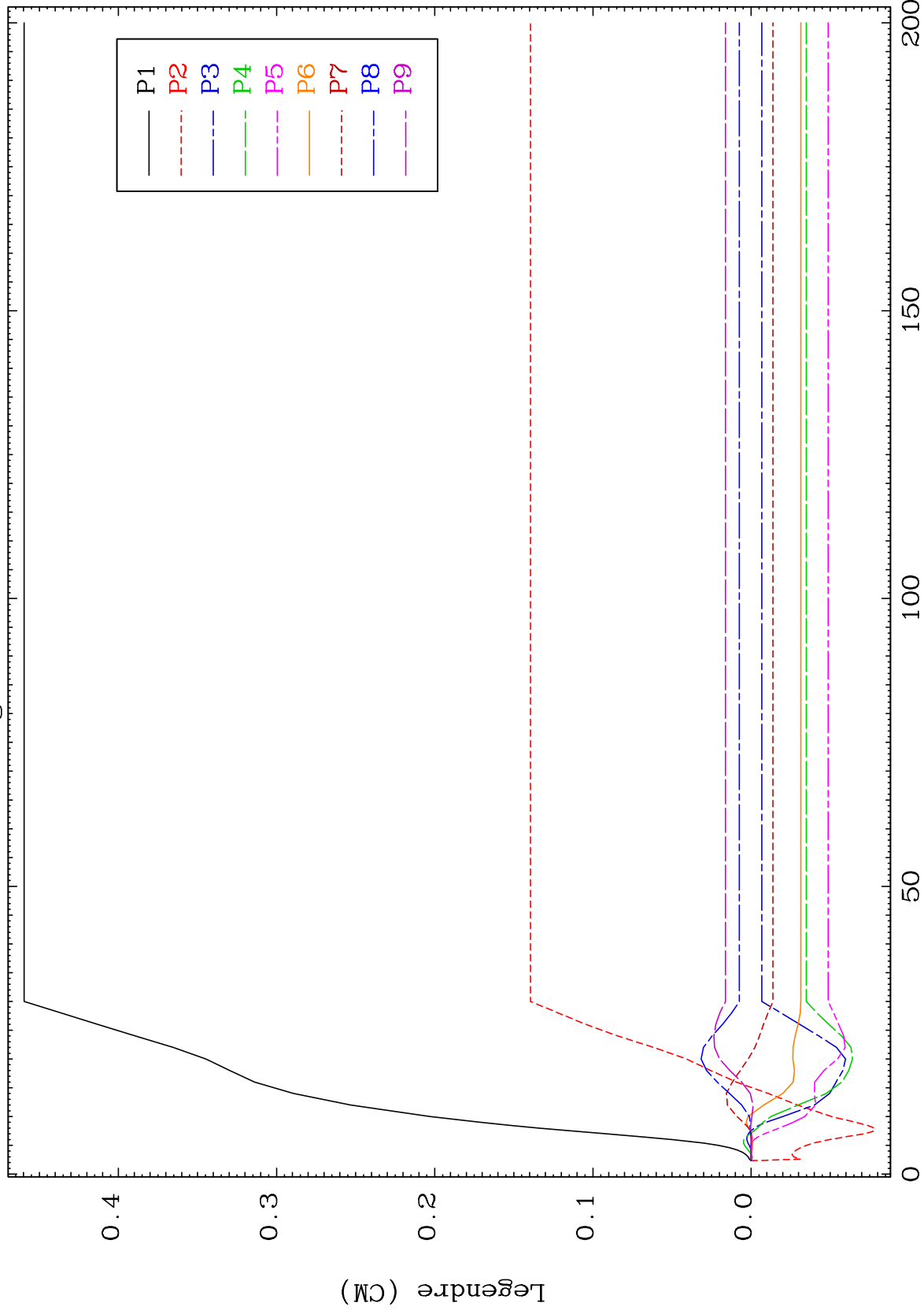
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

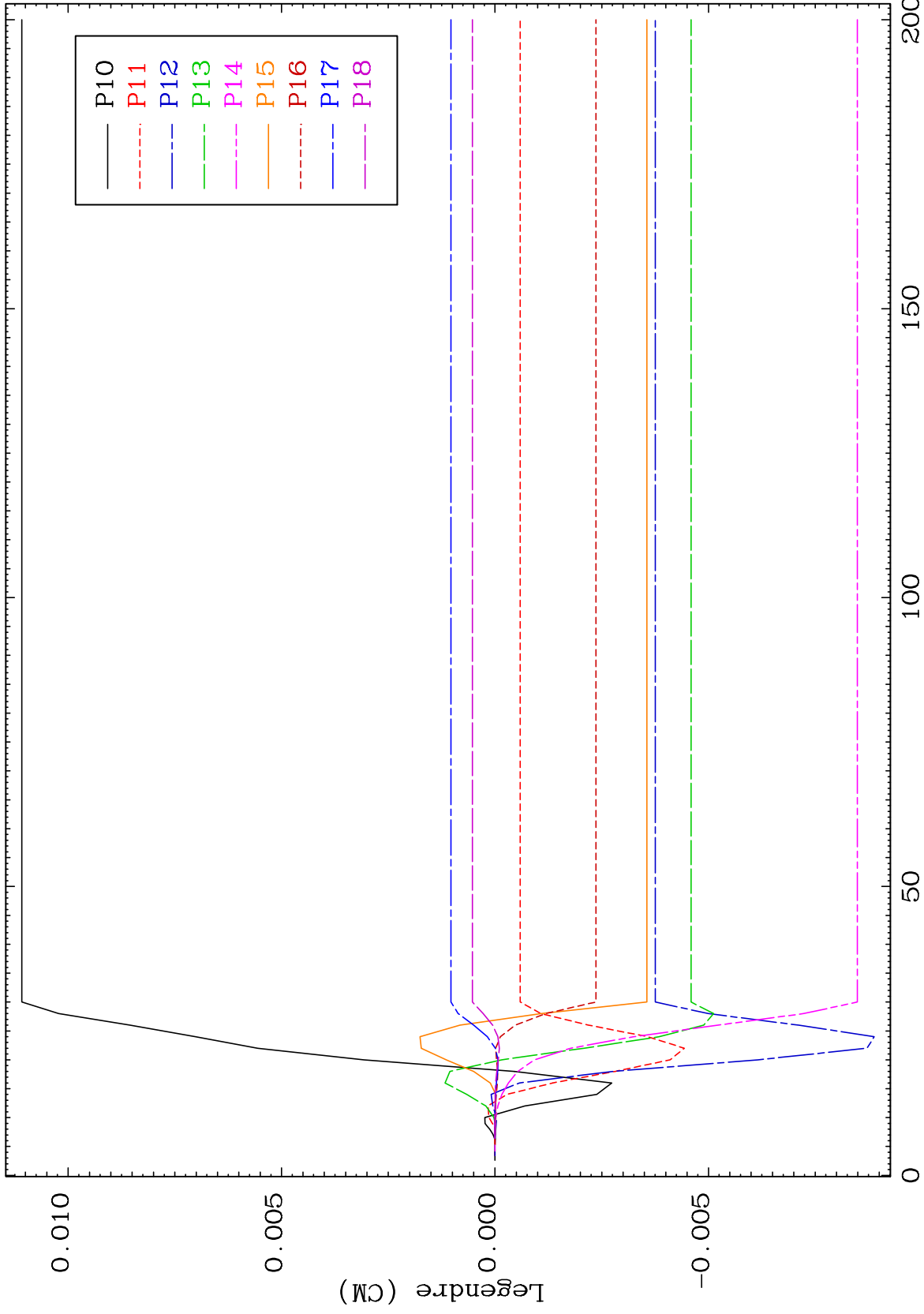
Incident Energy (MeV)

88

MAT 5443

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

54-Xe-130



89

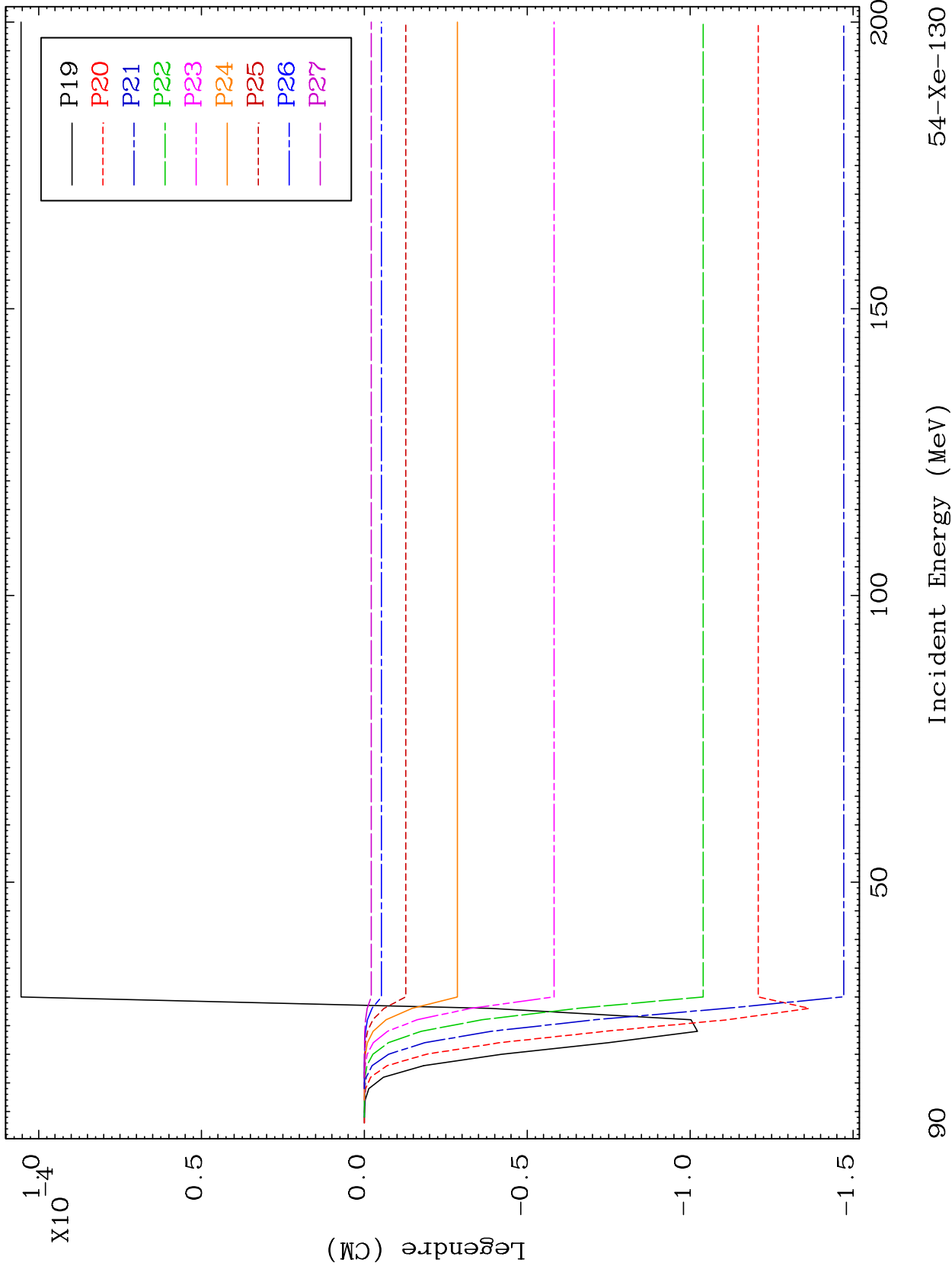
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

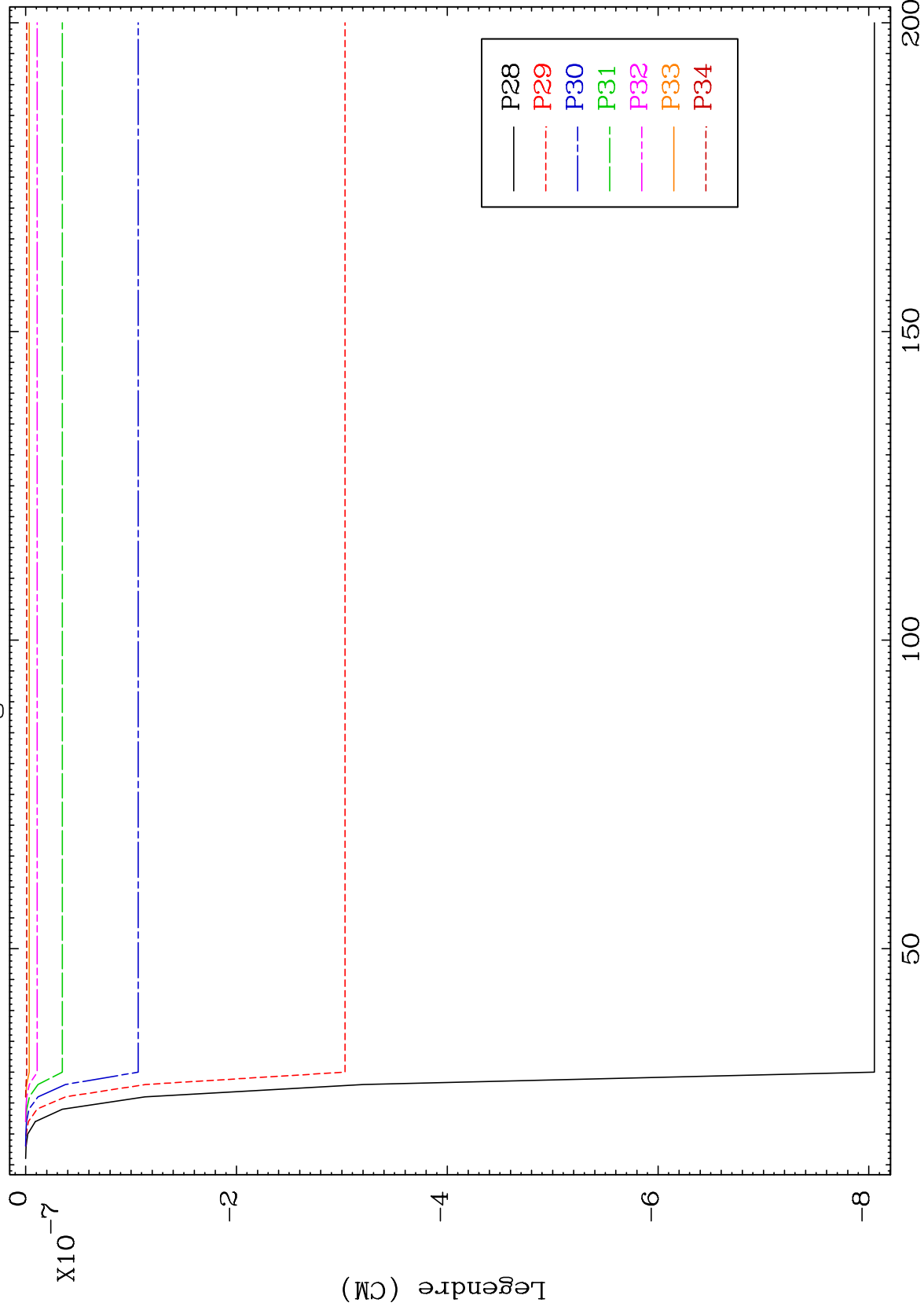
54-Xe-130



MAT 5443

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

54-Xe-130



91

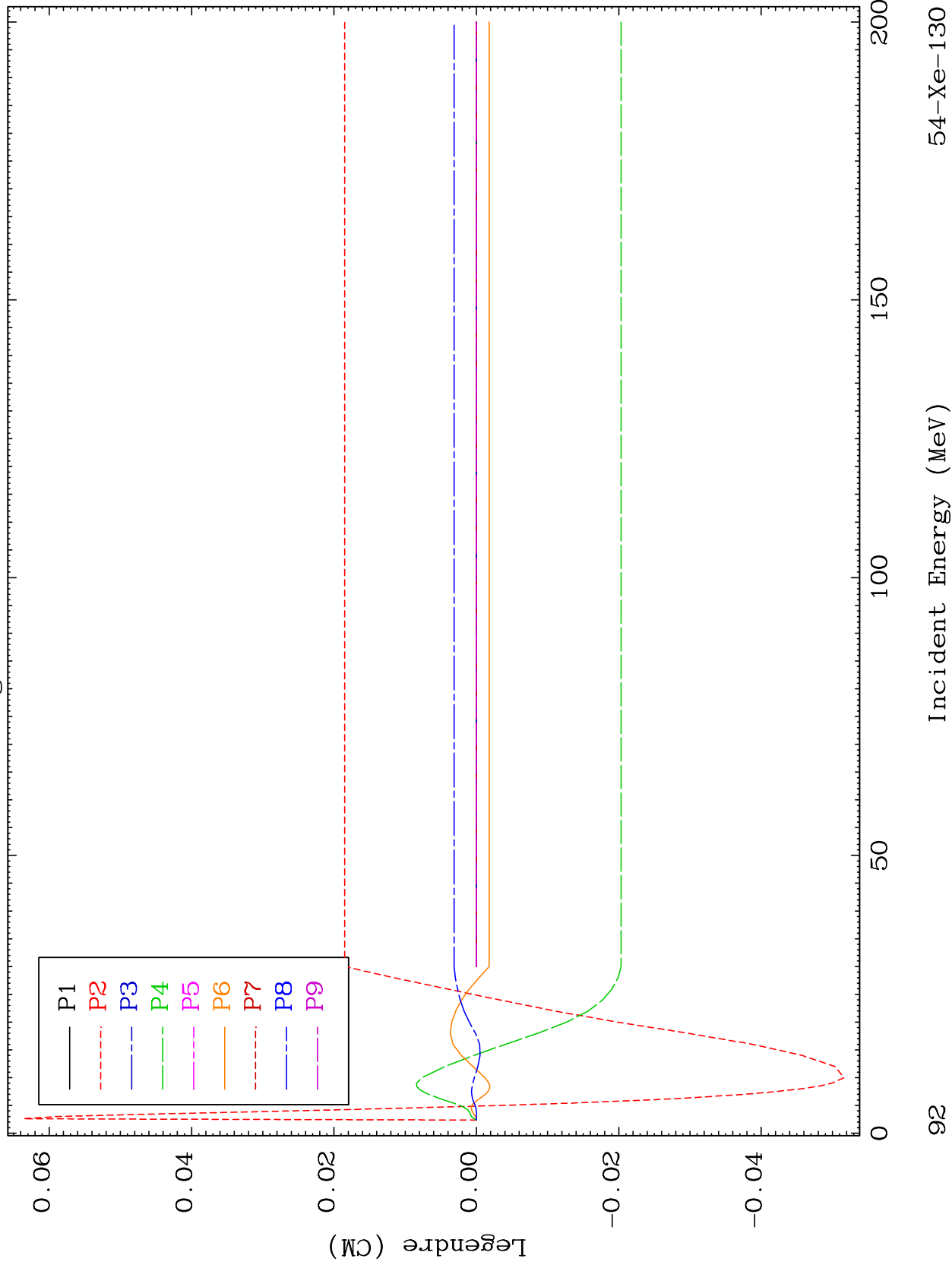
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



92

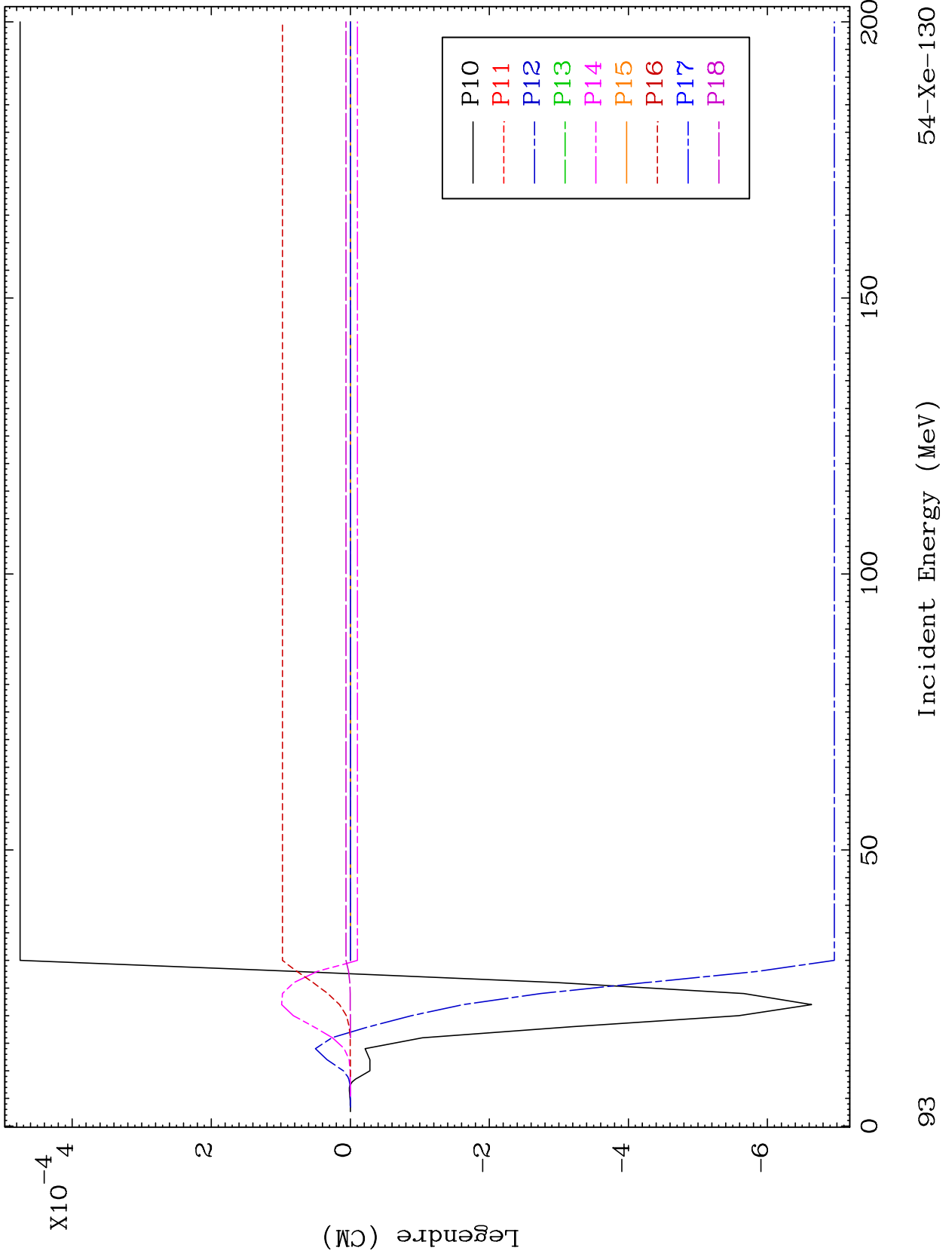
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

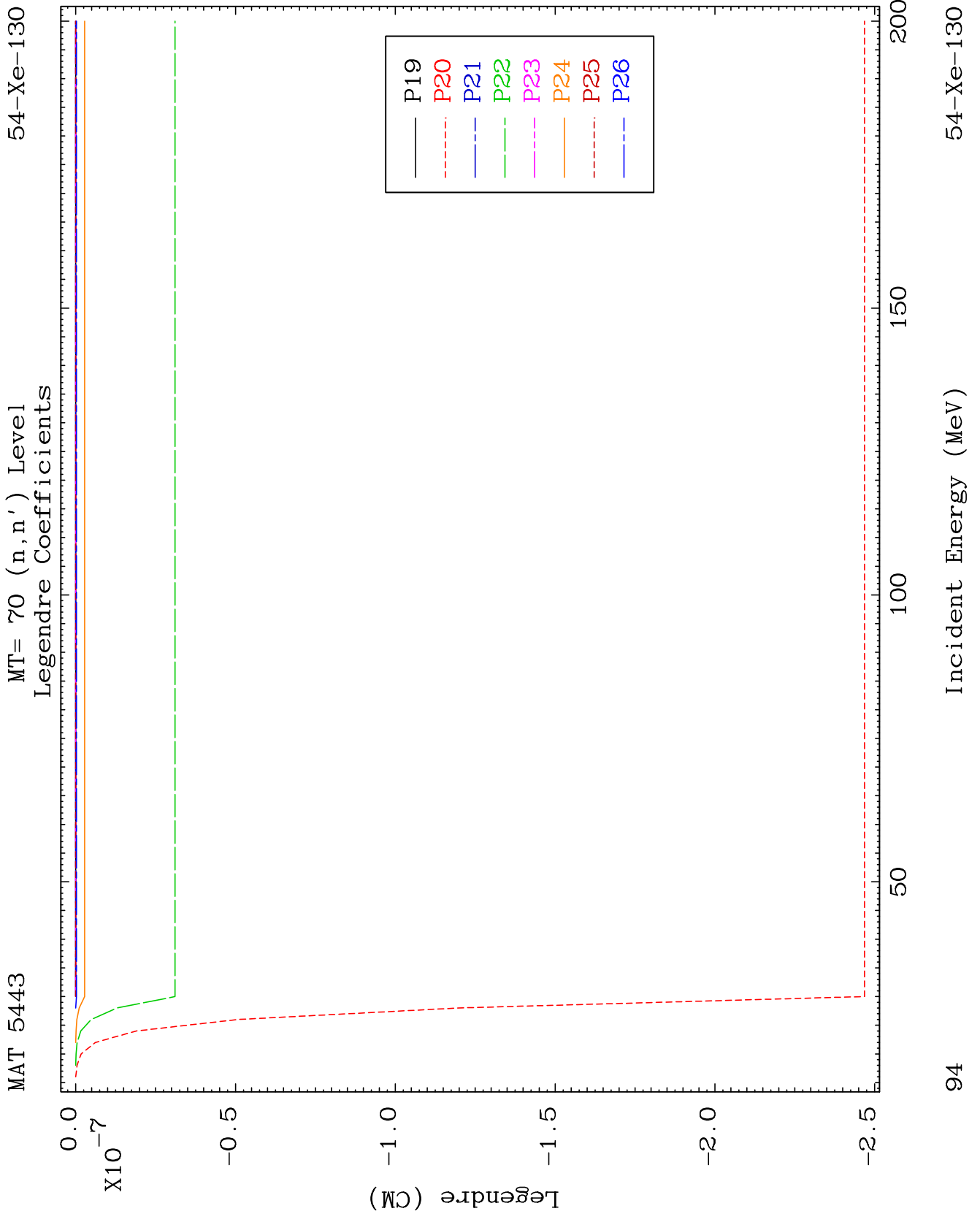
54-Xe-130

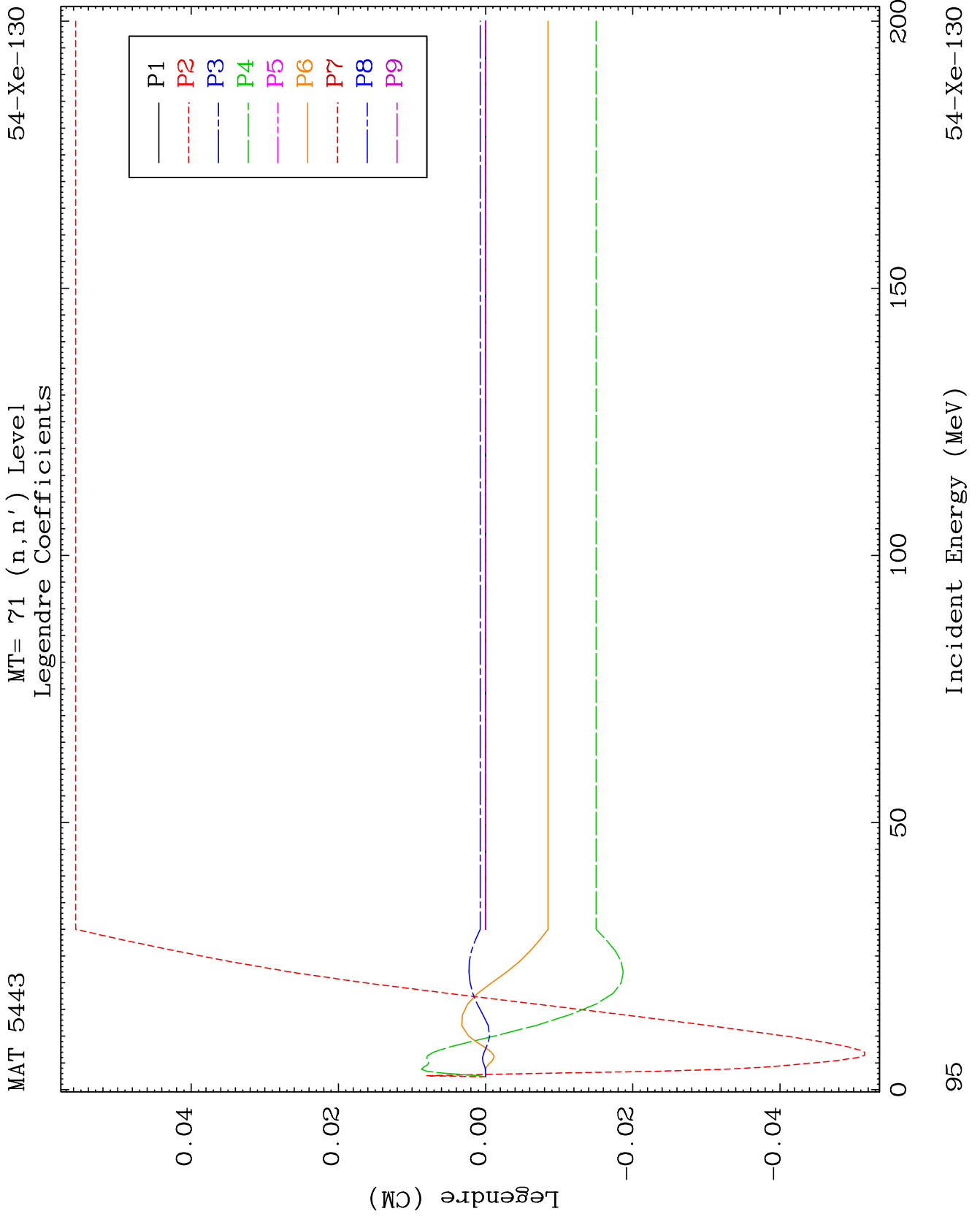


93

Incident Energy (MeV)

54-Xe-130

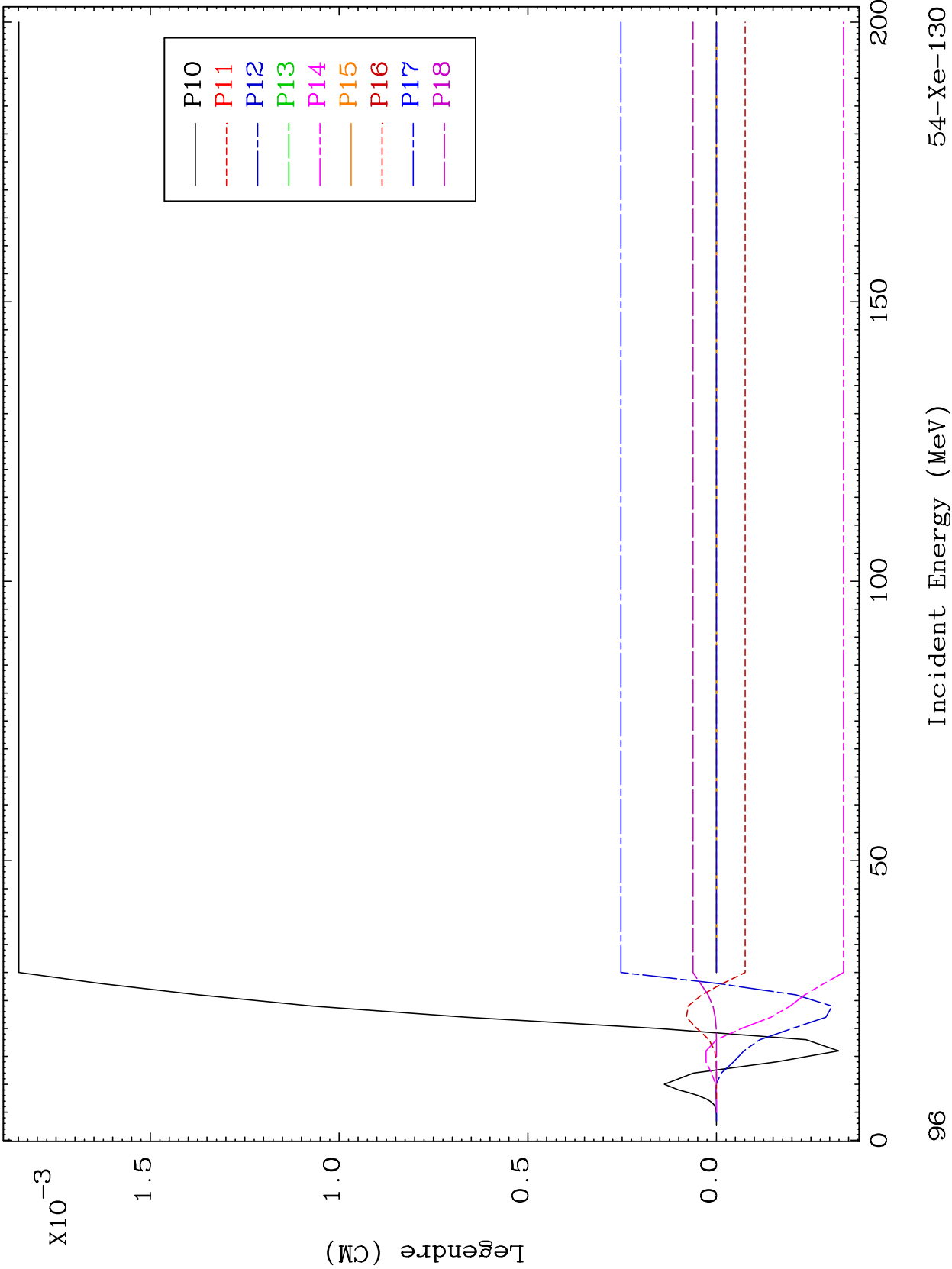




MAT 5443

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

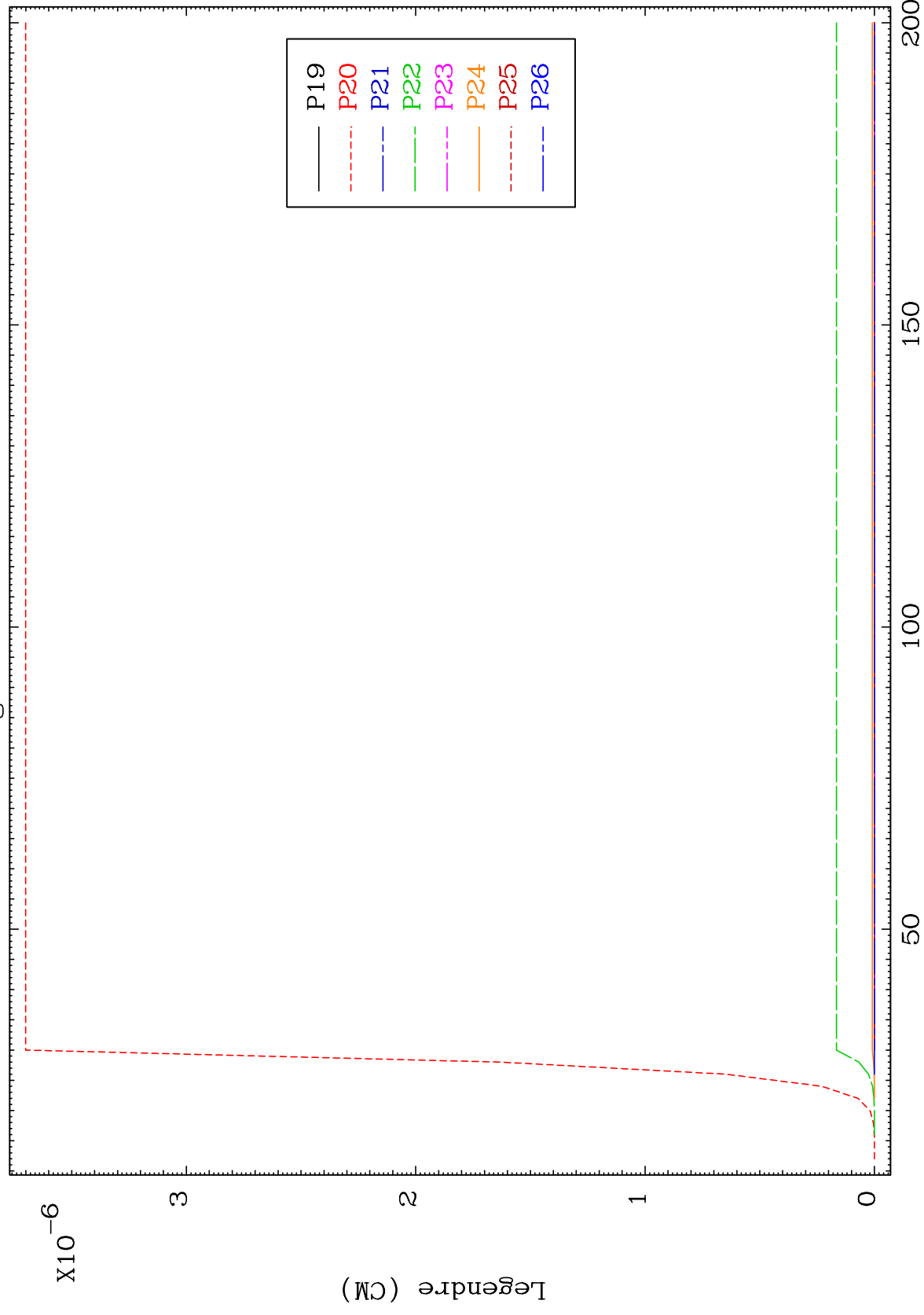
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

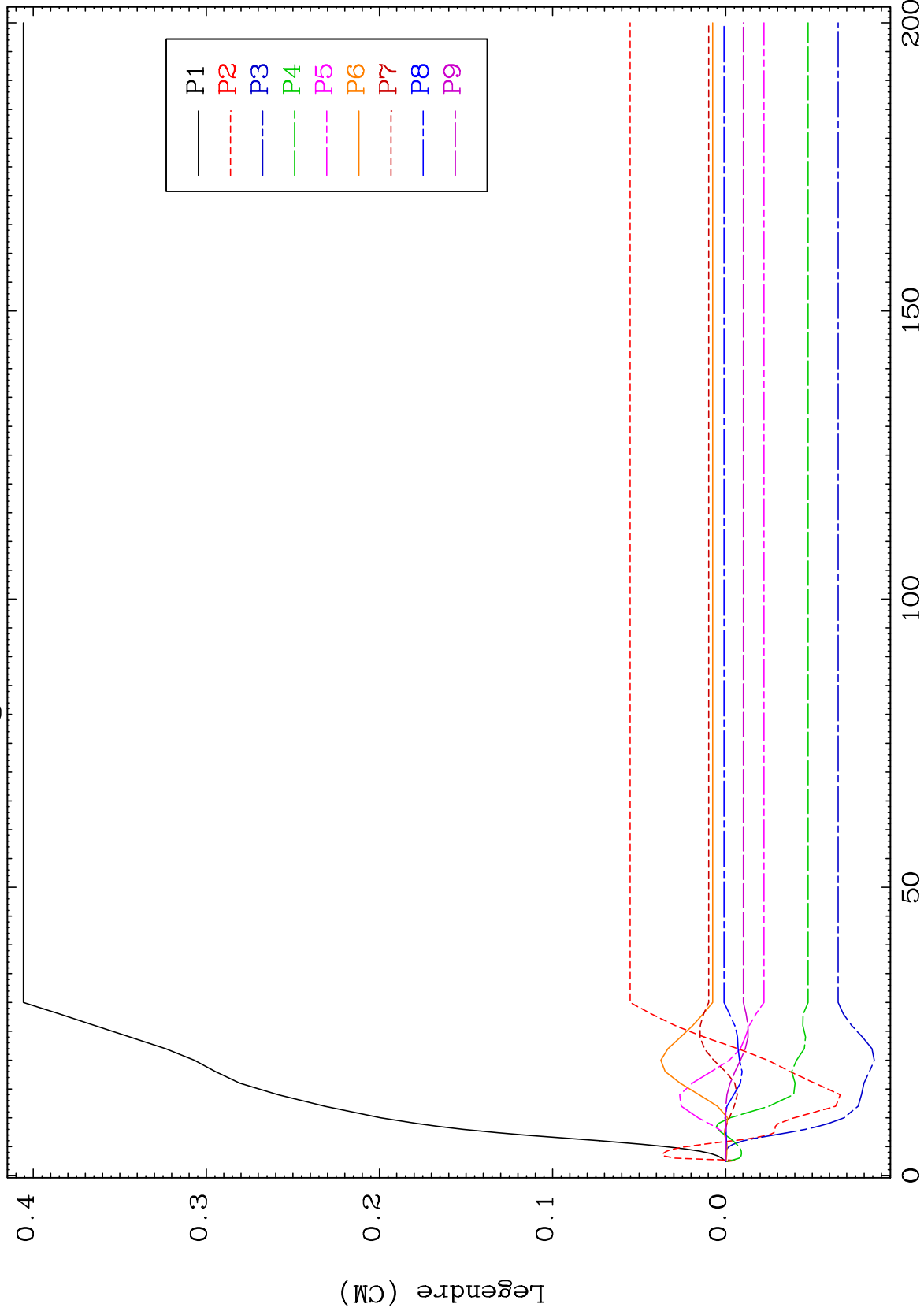
Incident Energy (MeV)

97

MAT 5443

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

54-Xe-130



54-Xe-130

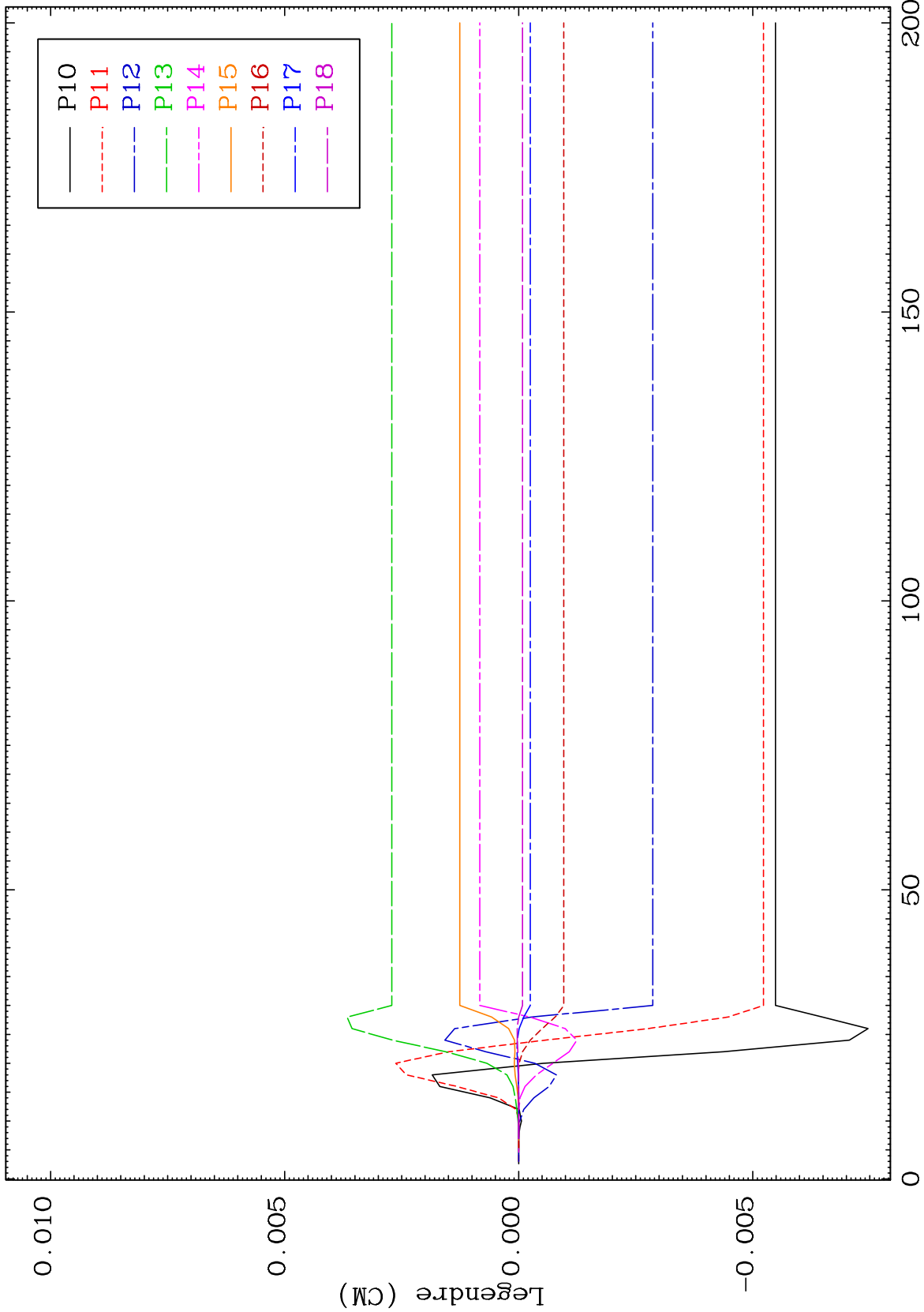
Incident Energy (MeV)

98

MAT 5443

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

54-Xe-130



99

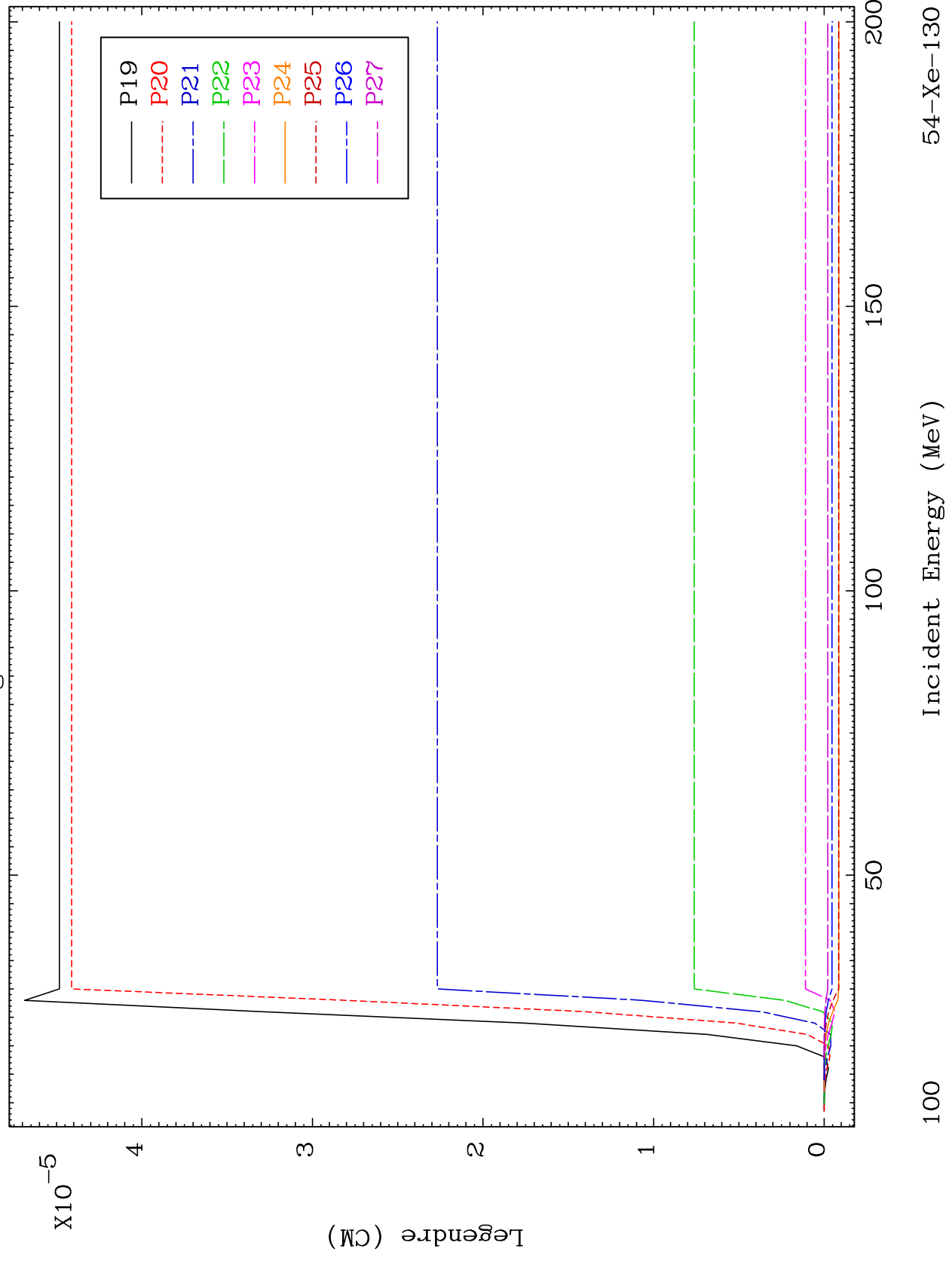
Incident Energy (MeV)

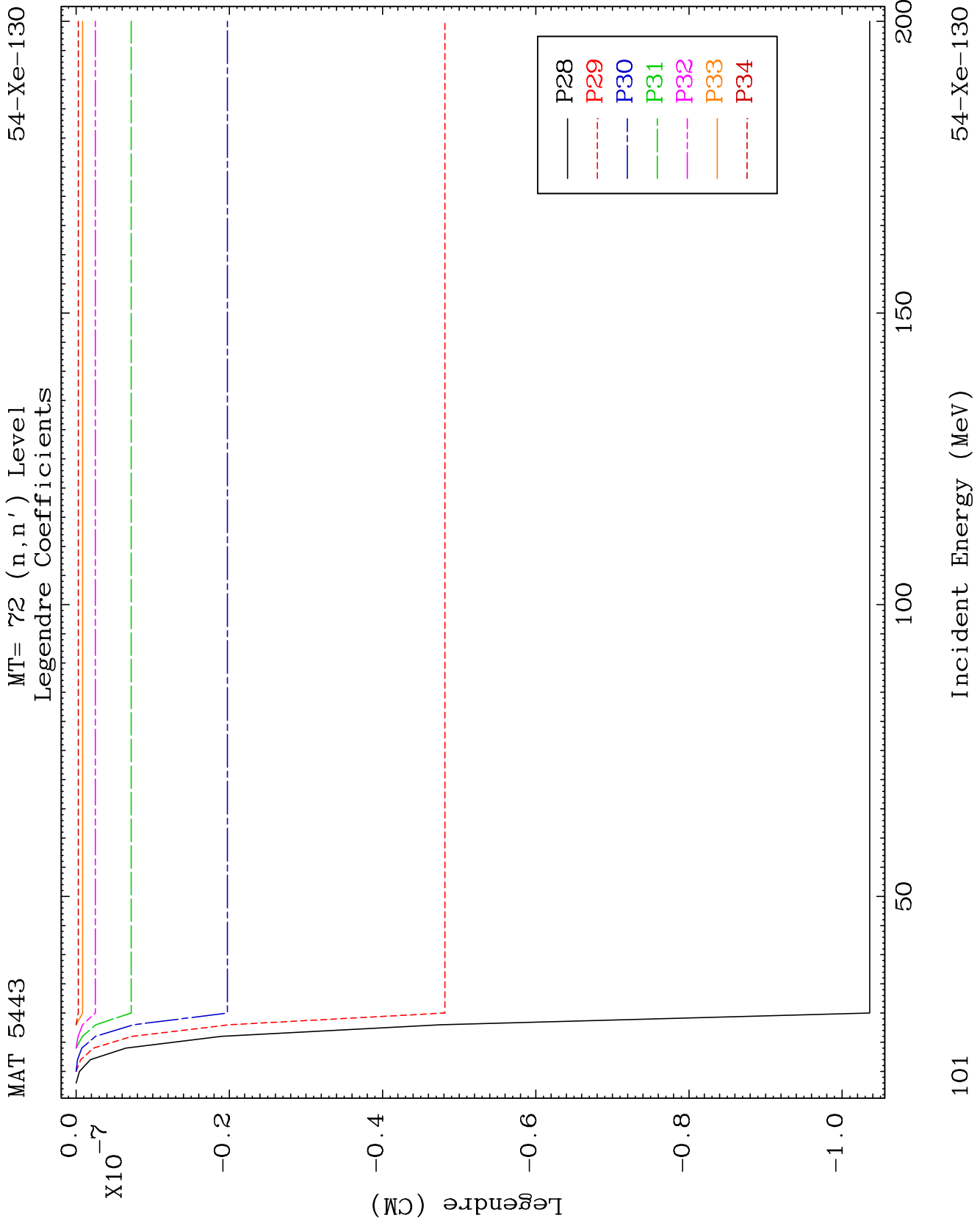
54-Xe-130

MAT 5443

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

54-Xe-130

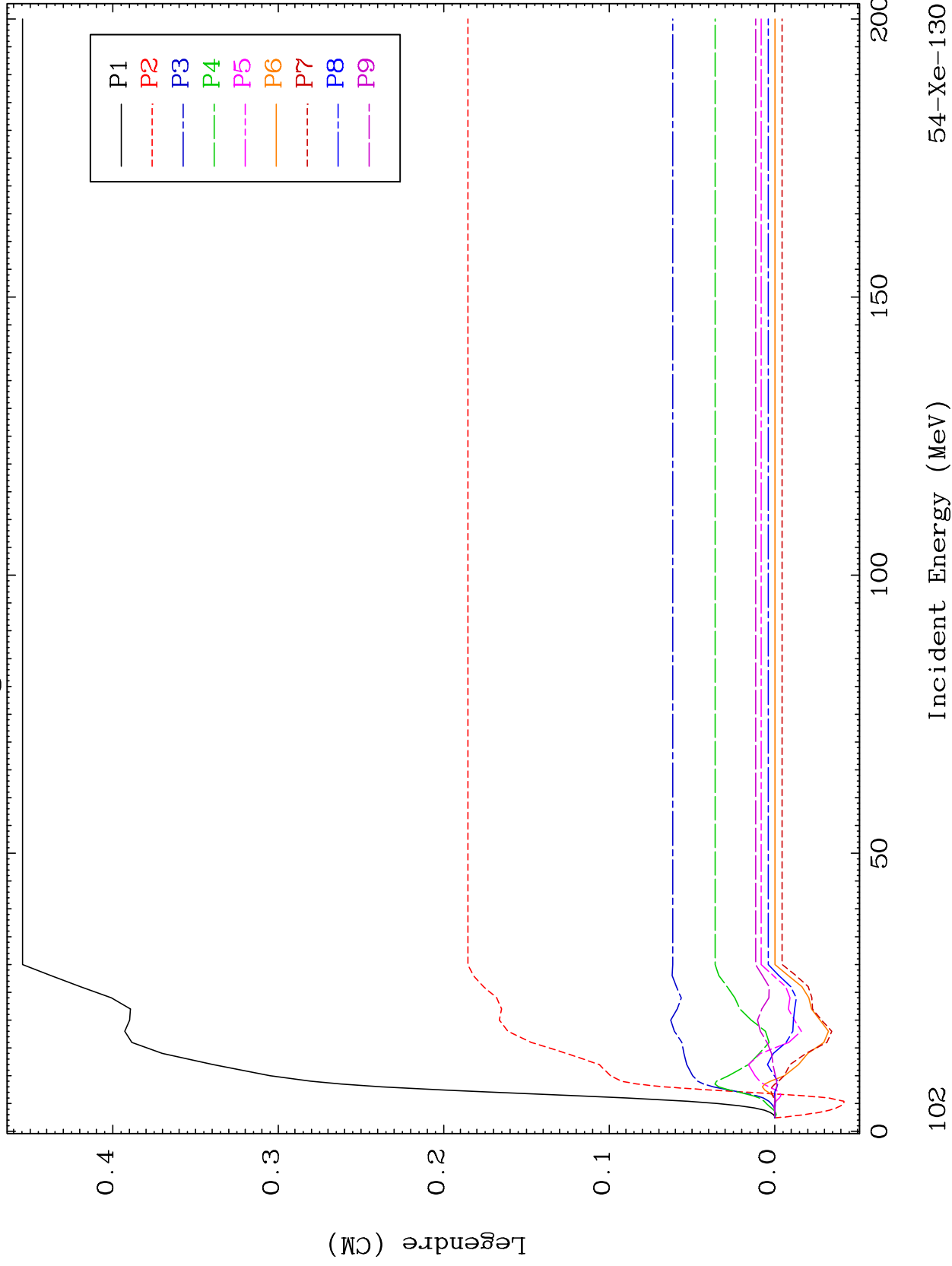




MAT 5443

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

54-Xe-130



54-Xe-130

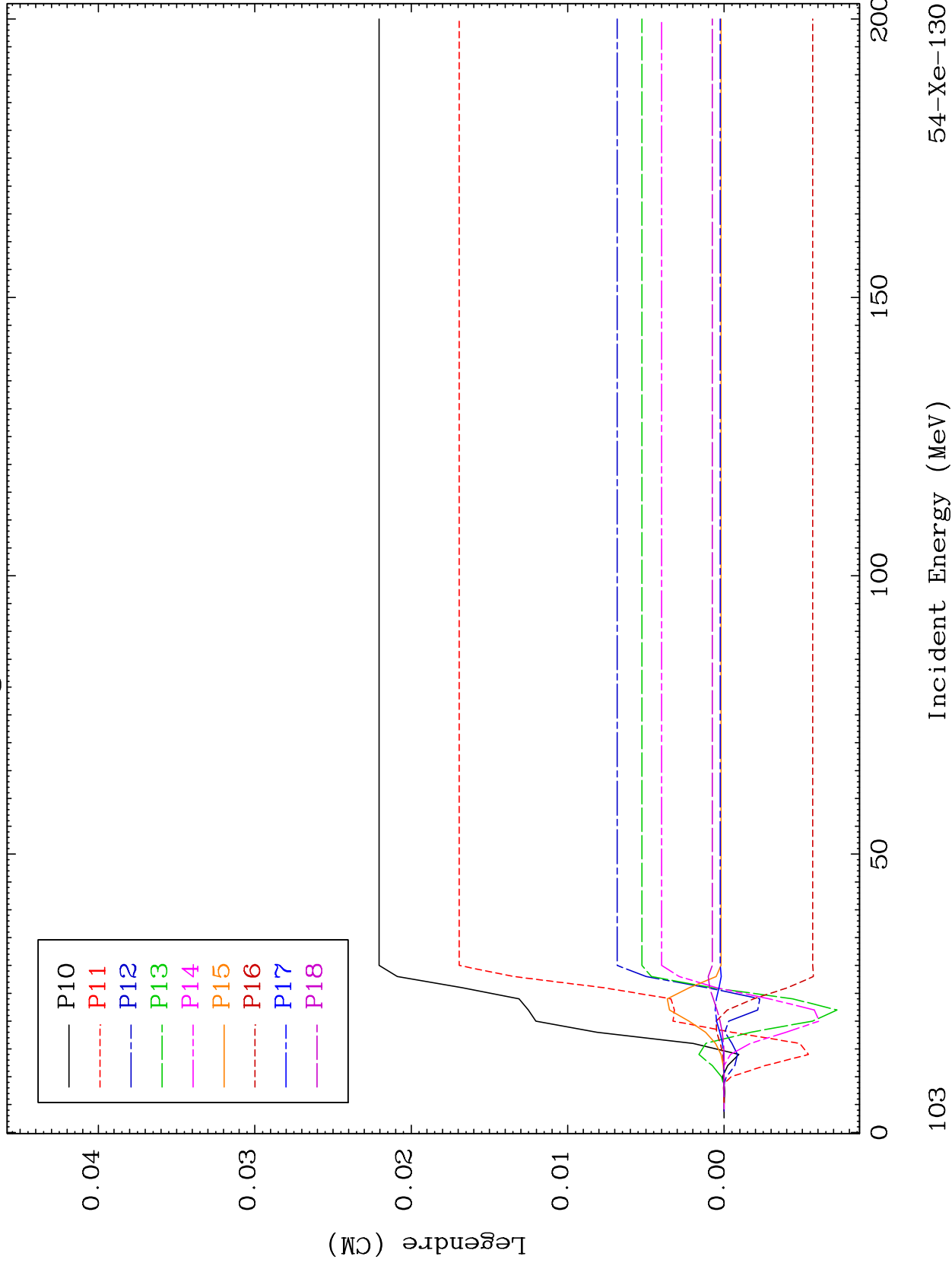
Incident Energy (MeV)

102

MAT 5443

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

54-Xe-130



103

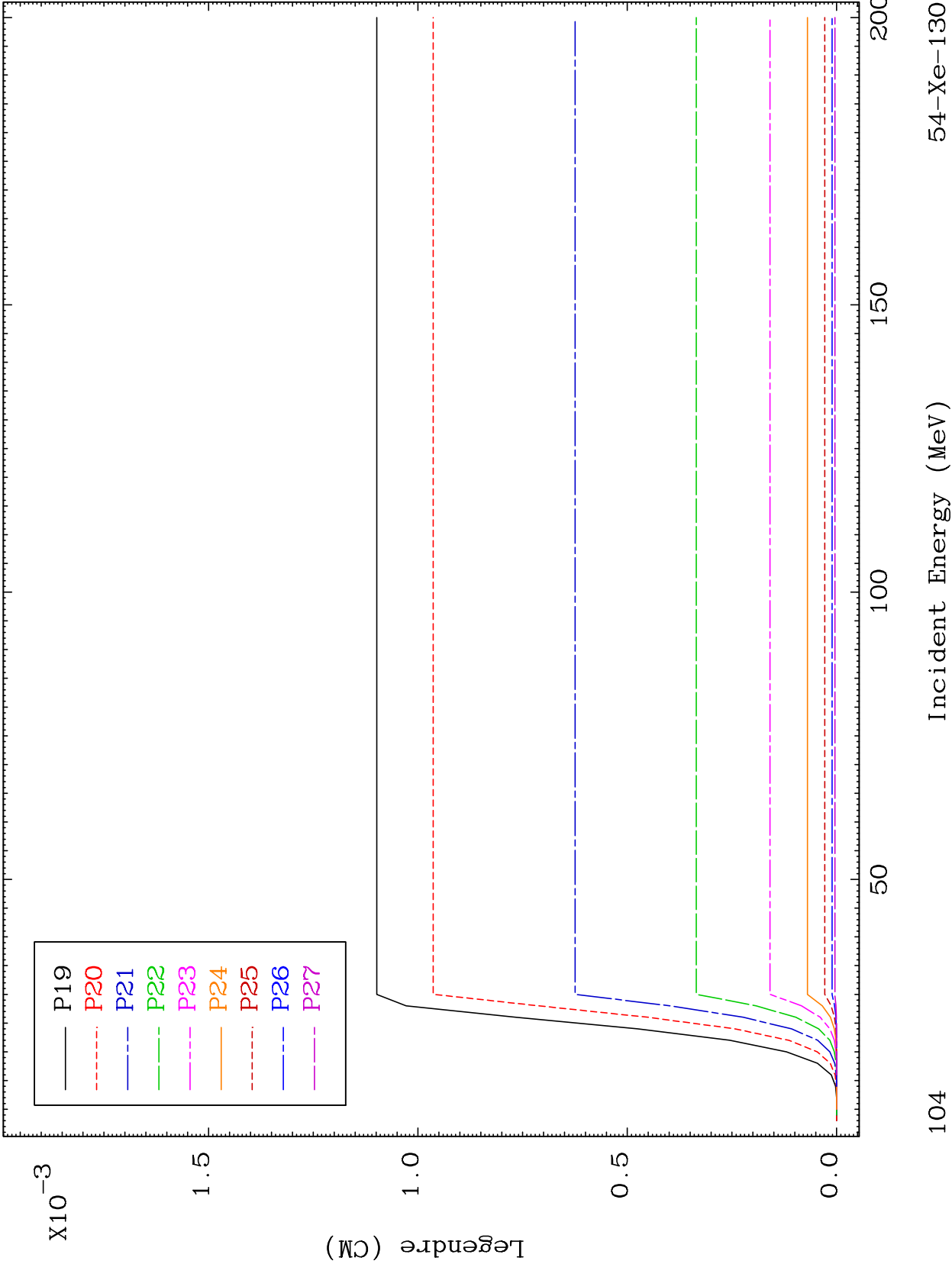
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



104

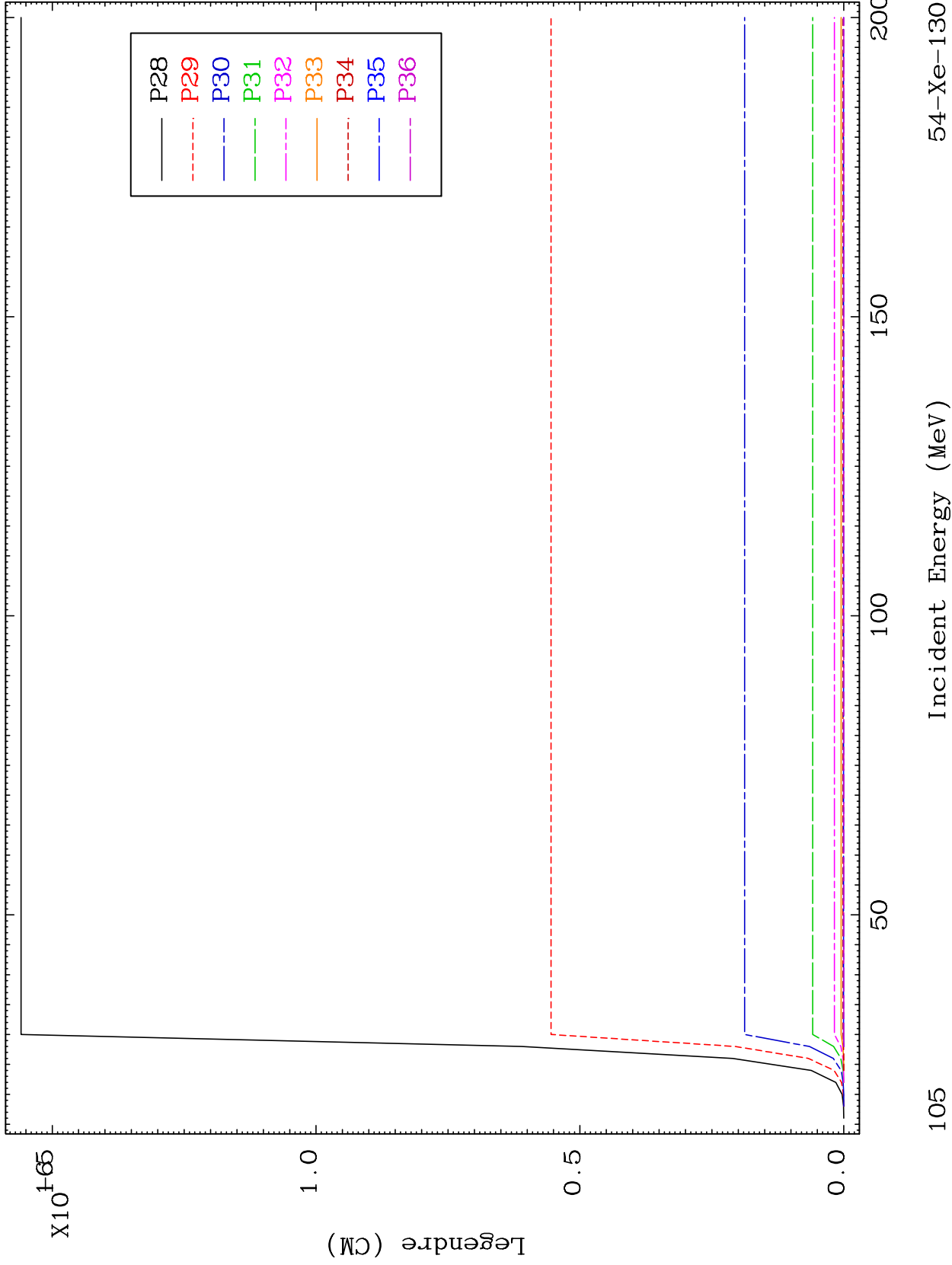
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

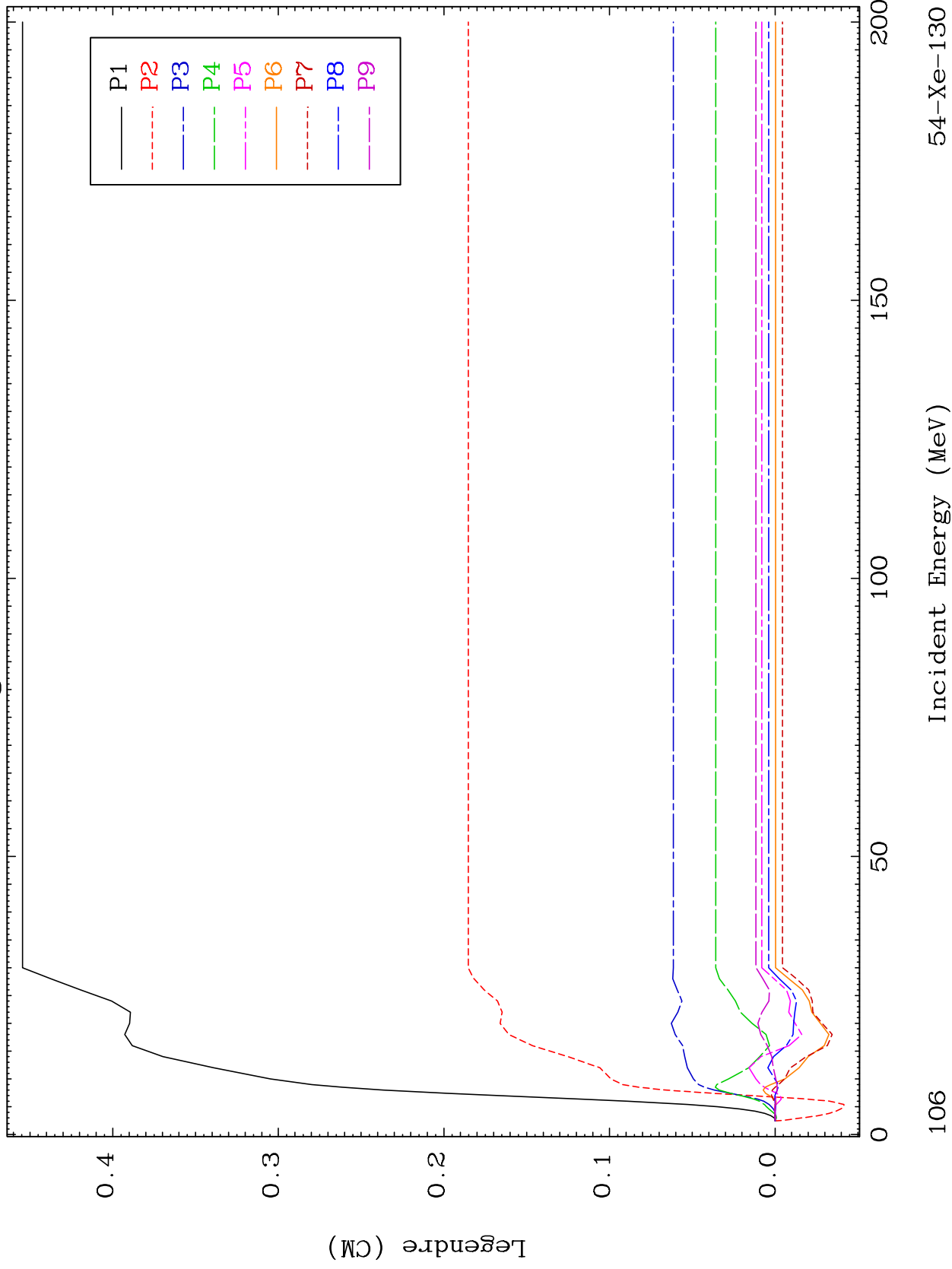
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

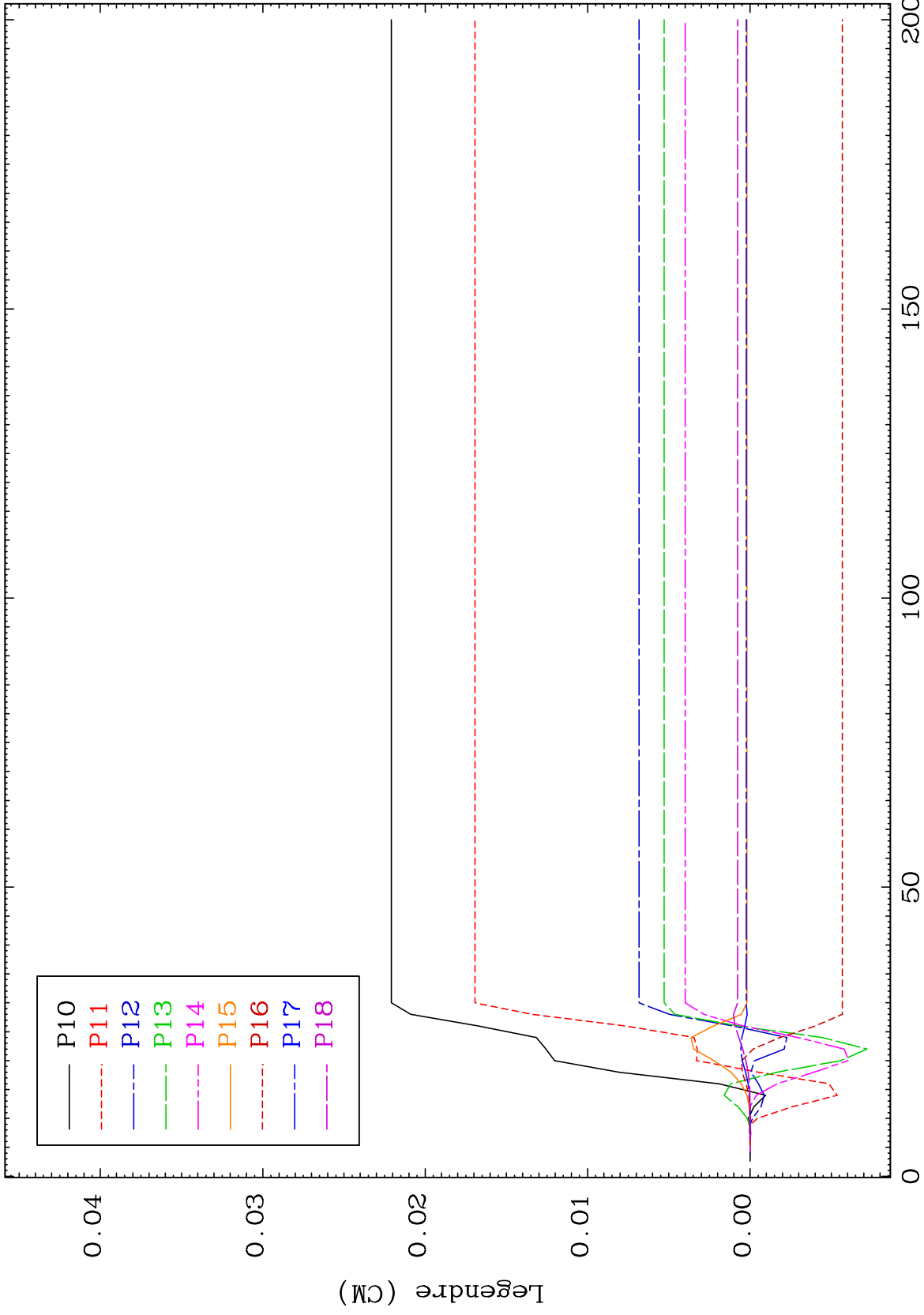
Incident Energy (MeV)

106

MAT 5443

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

54-Xe-130



107

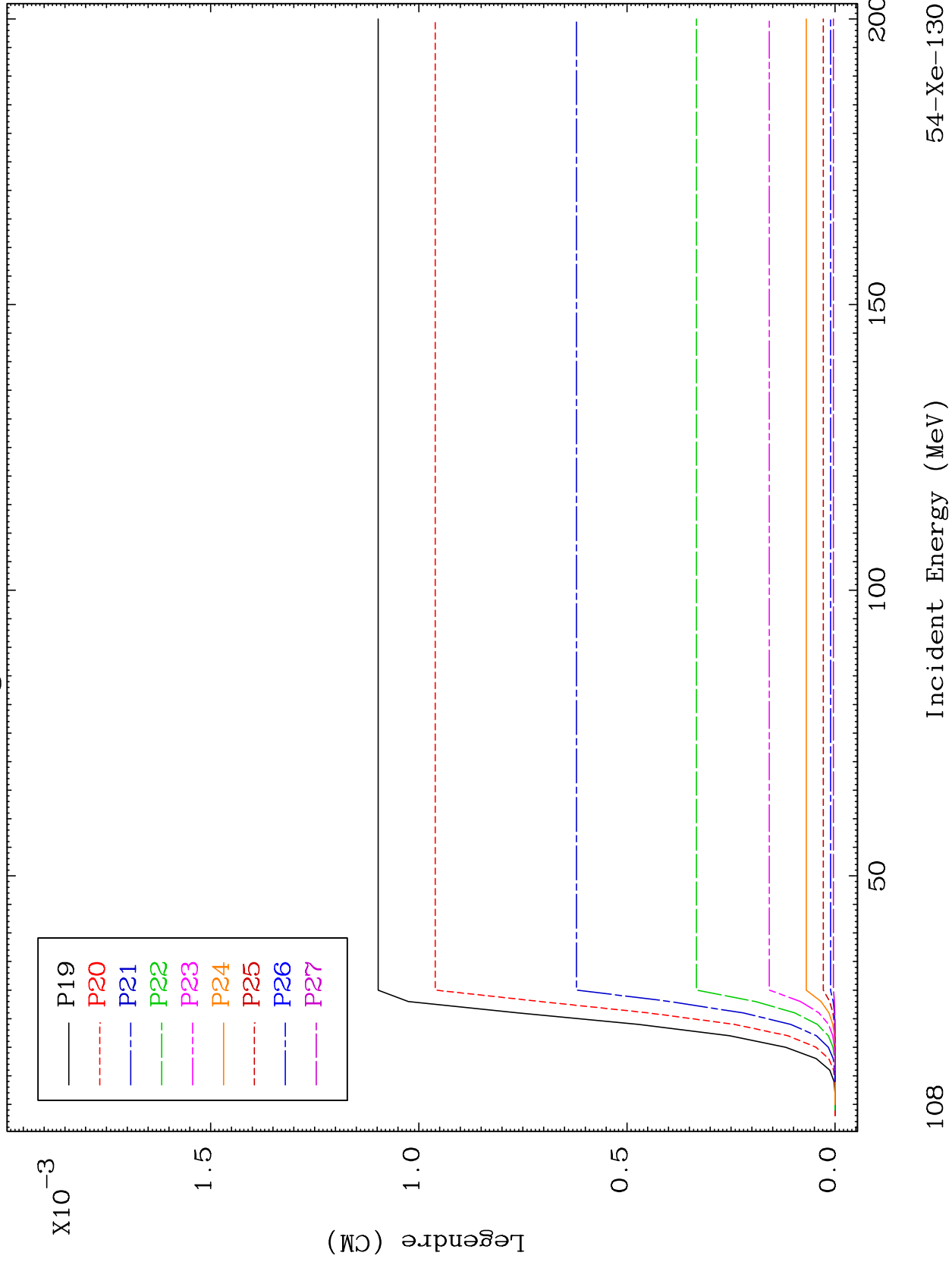
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130

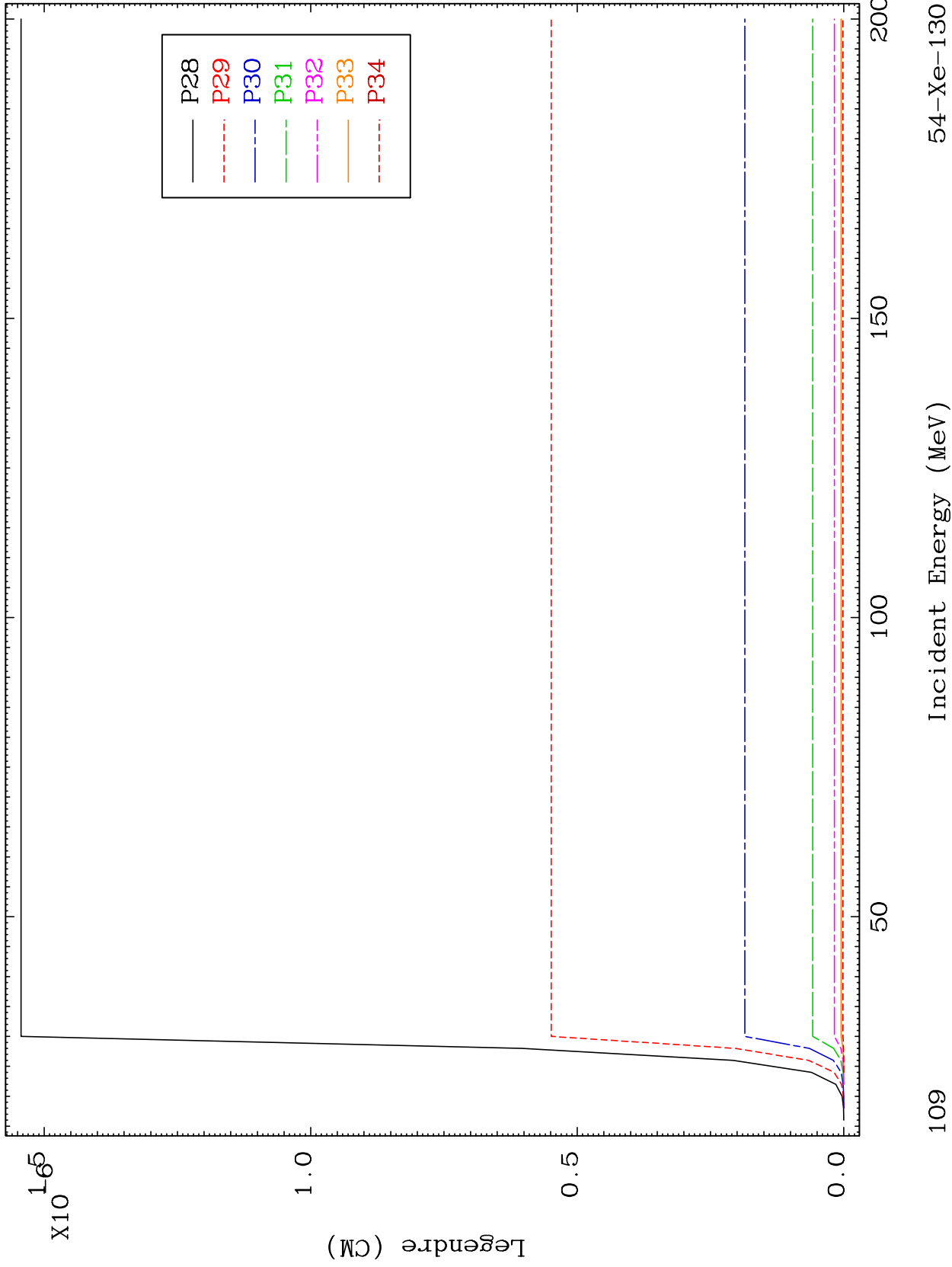


108

MAT 5443

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

54-Xe-130



109

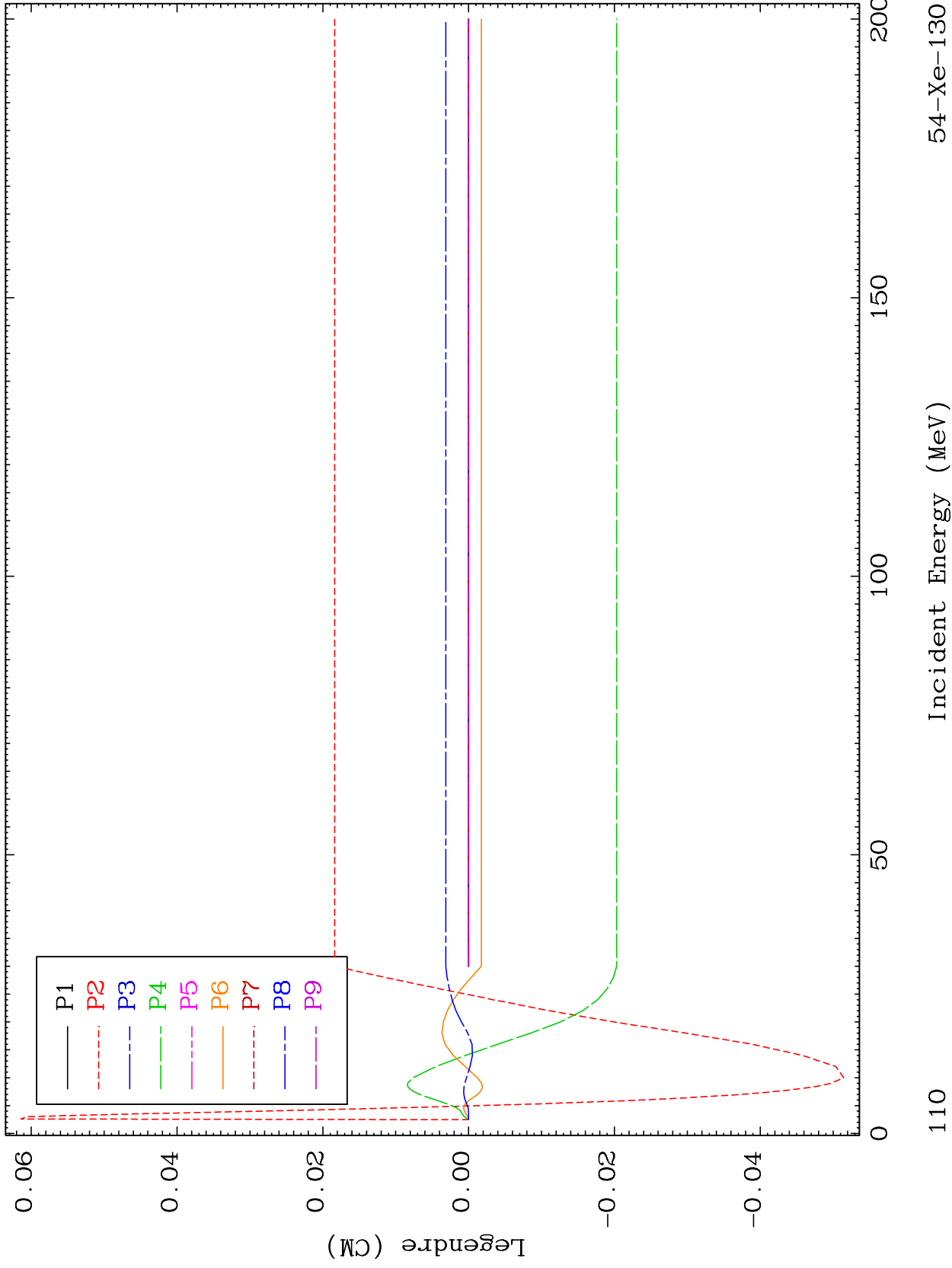
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



54-Xe-130

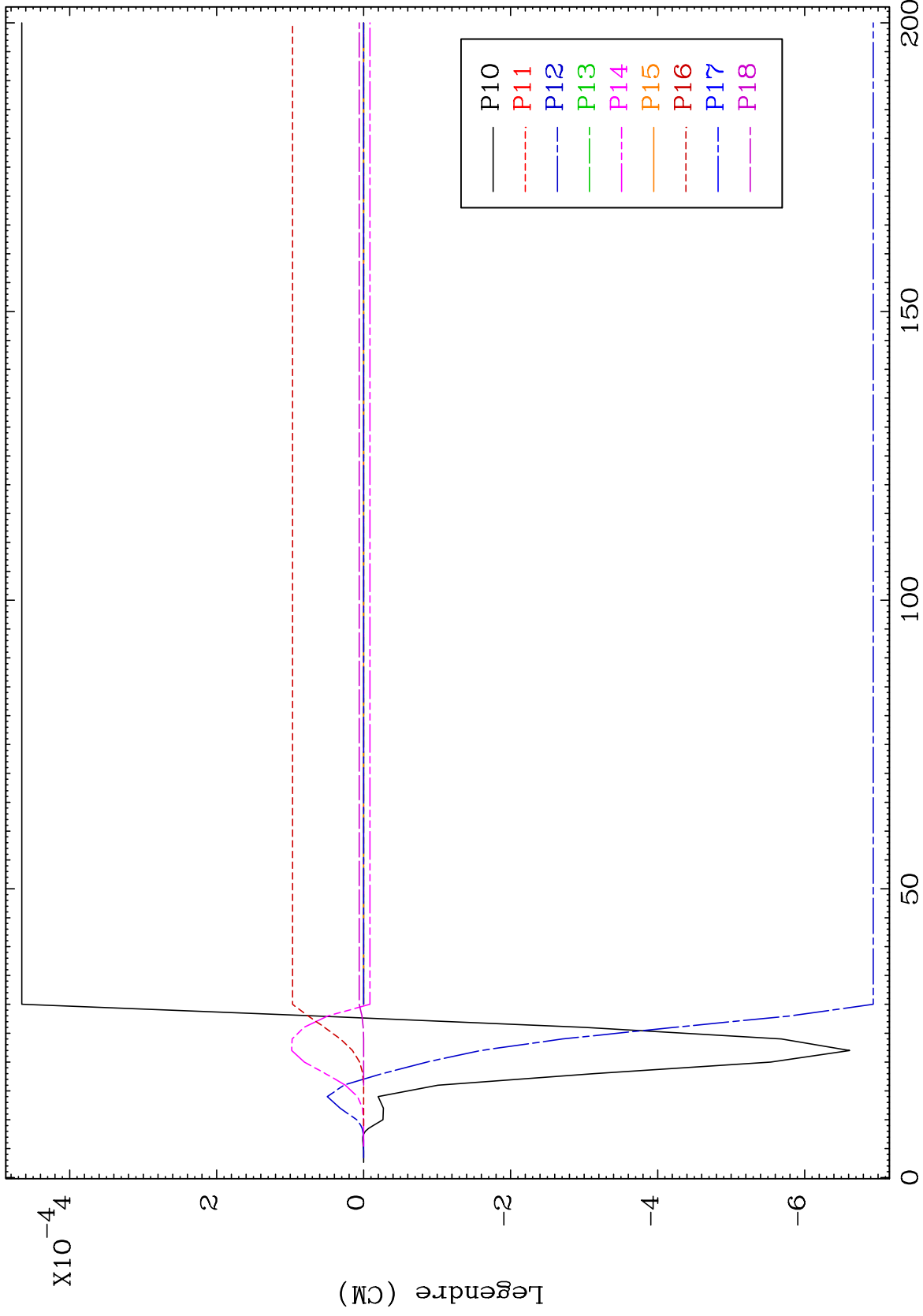
Incident Energy (MeV)

110

MAT 5443

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

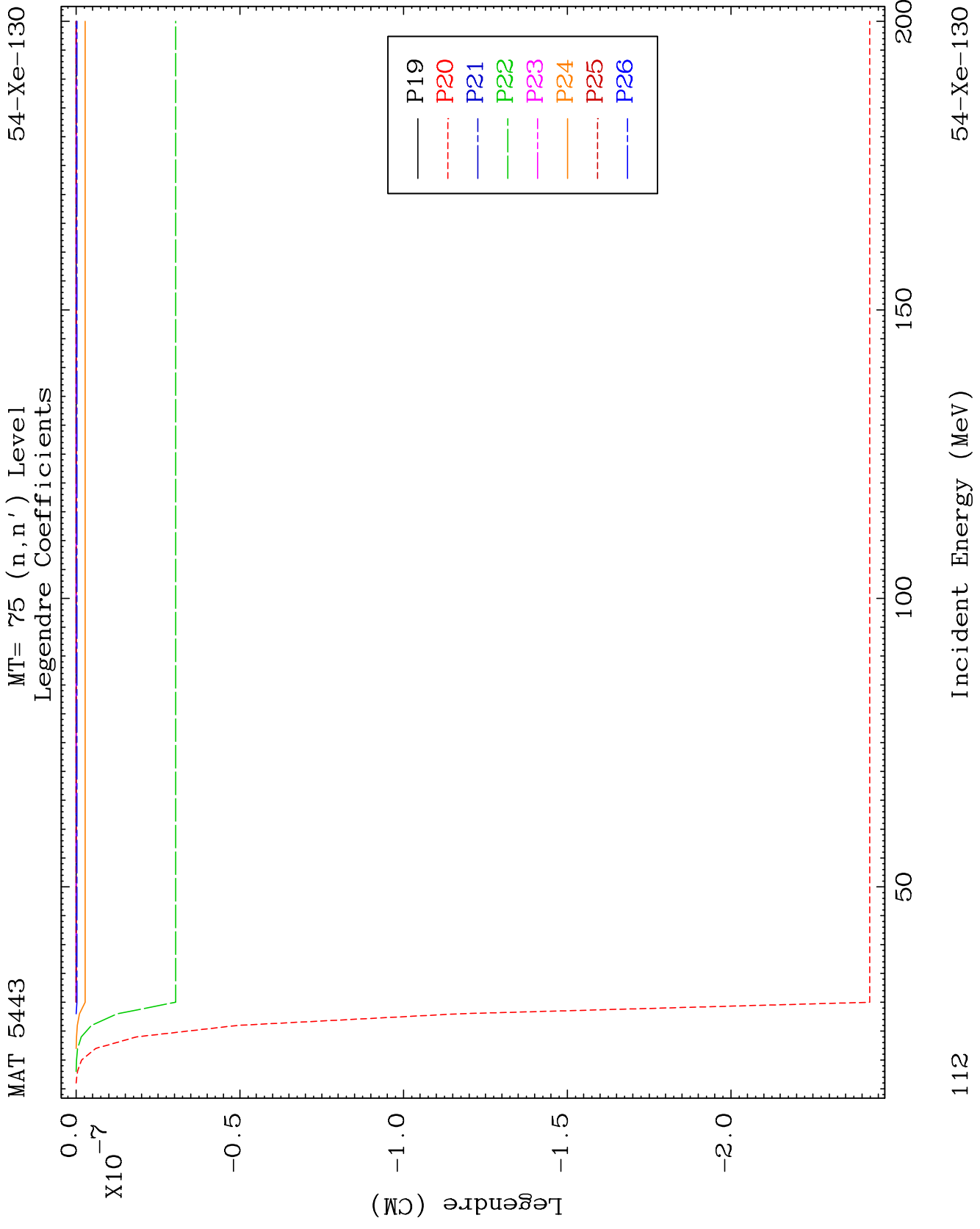
54-Xe-130

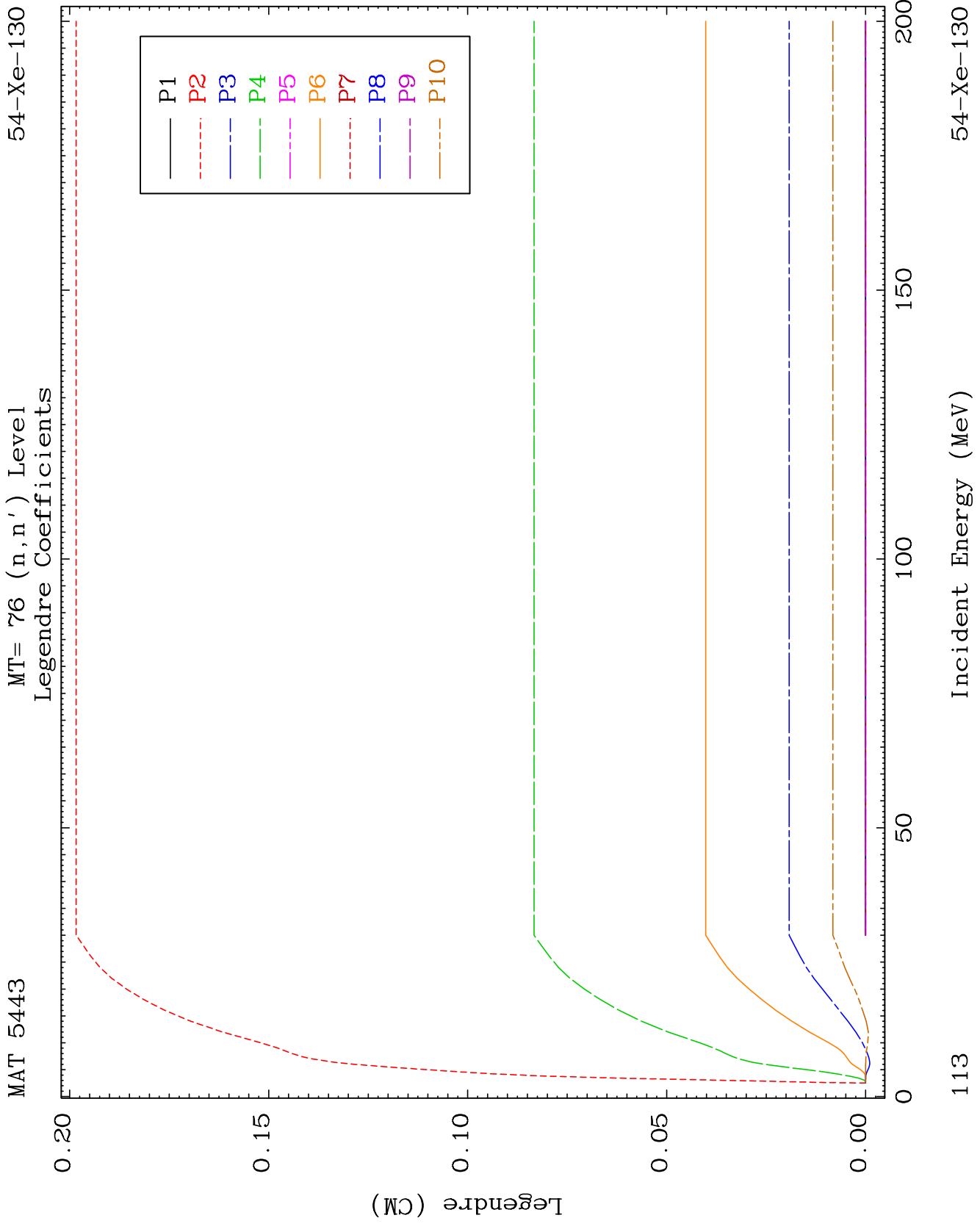


111

Incident Energy (MeV)

54-Xe-130

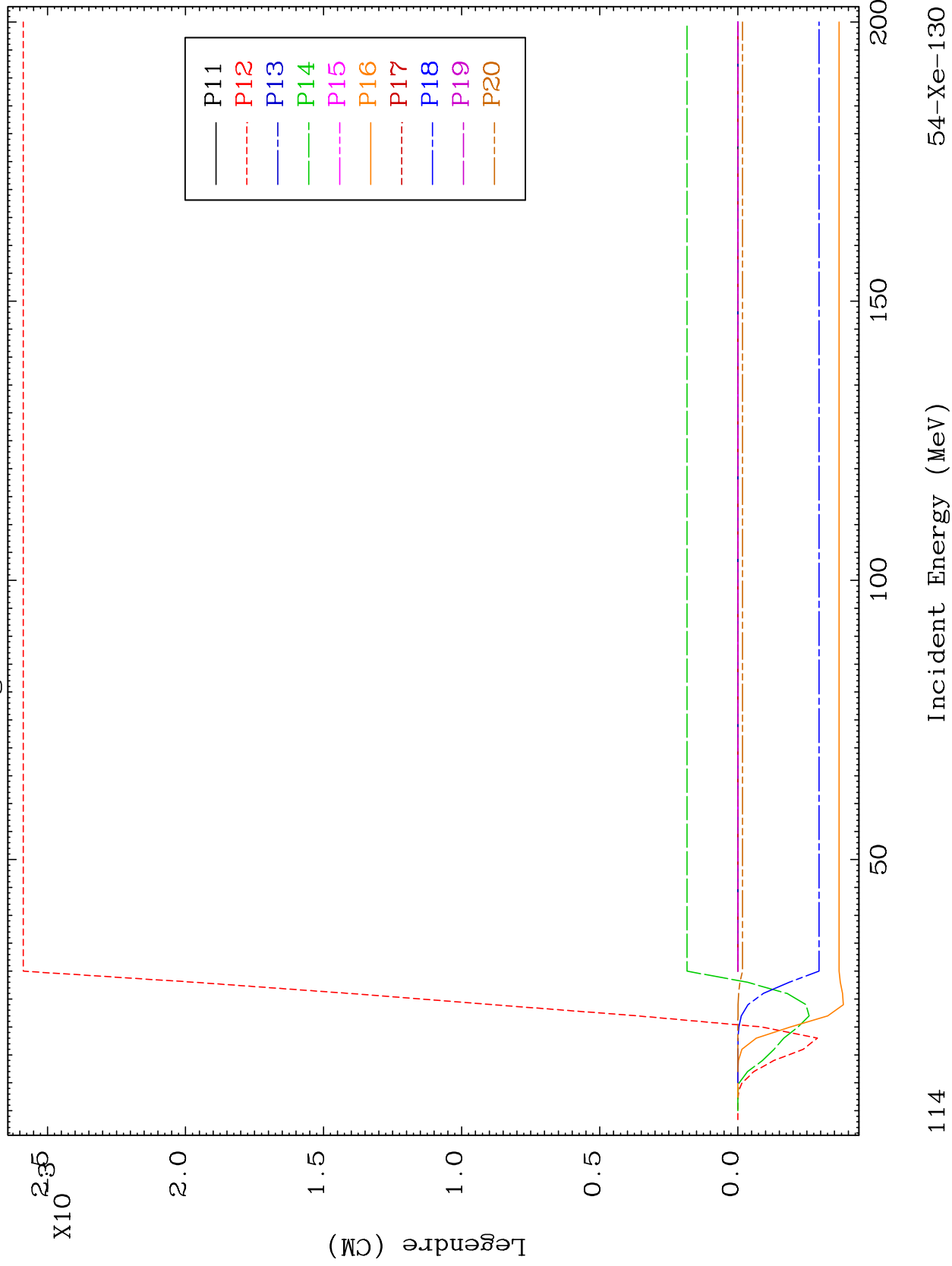




MAT 5443

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

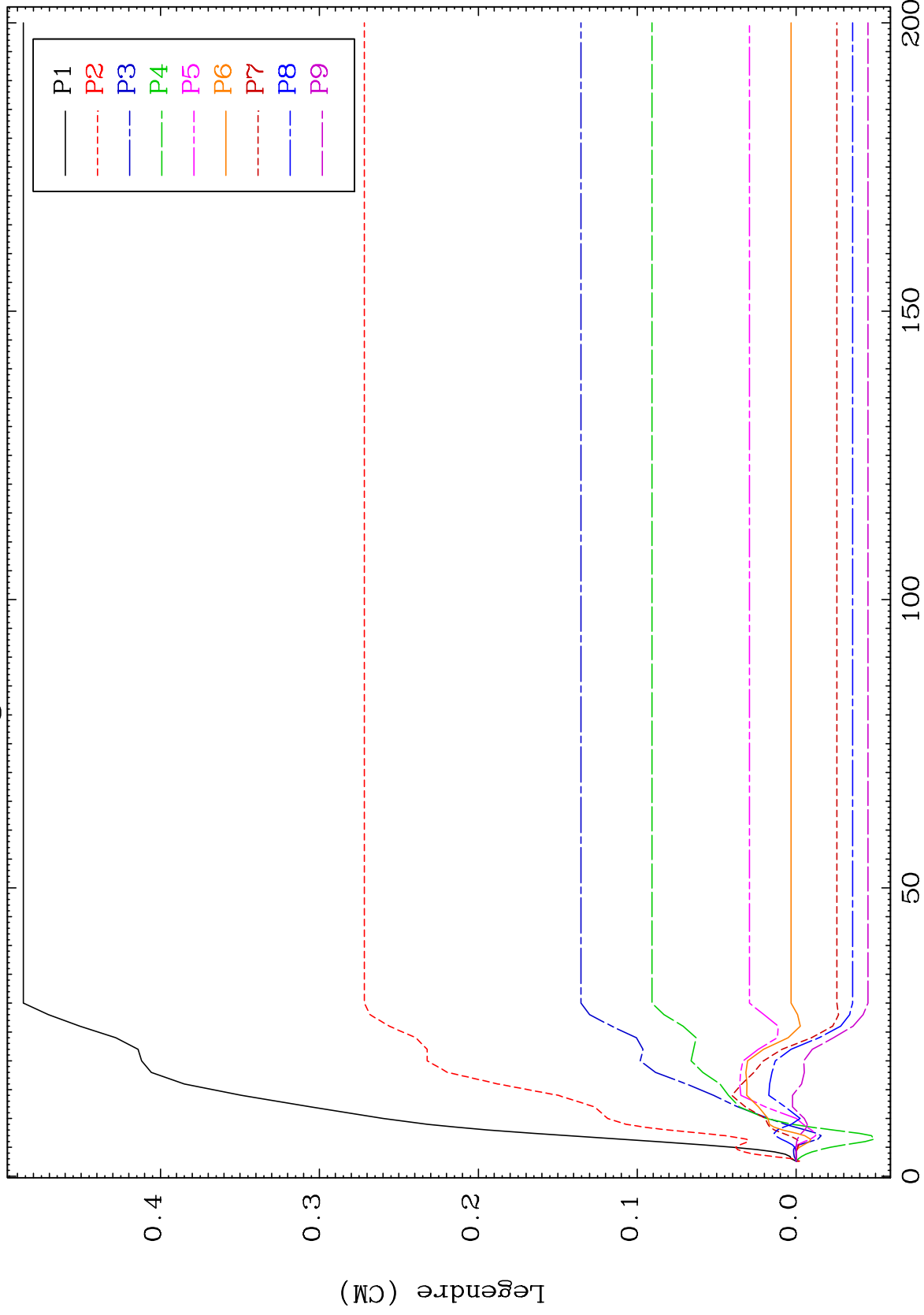
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

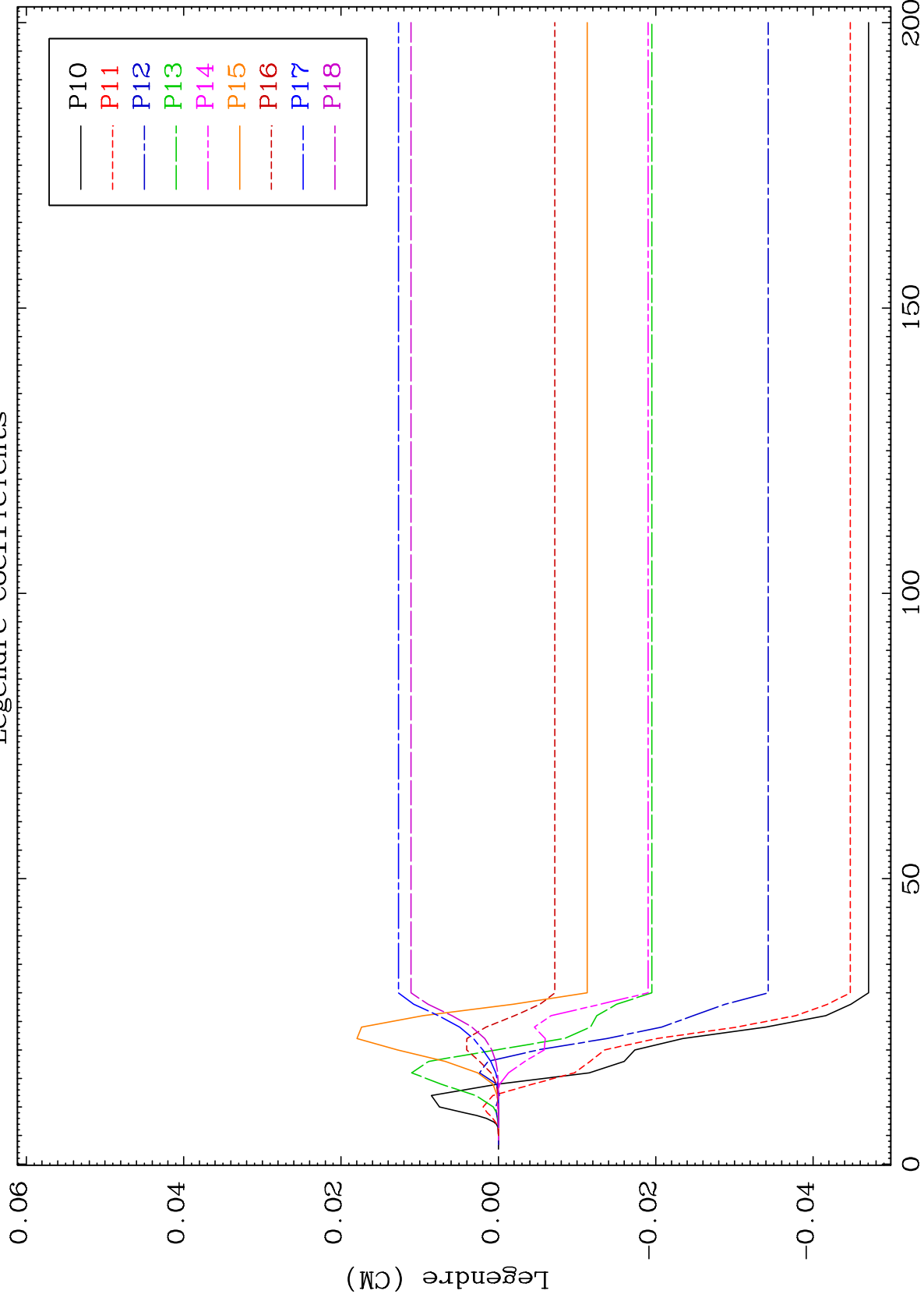
Incident Energy (MeV)

116

MAT 5443

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

54-Xe-130



117

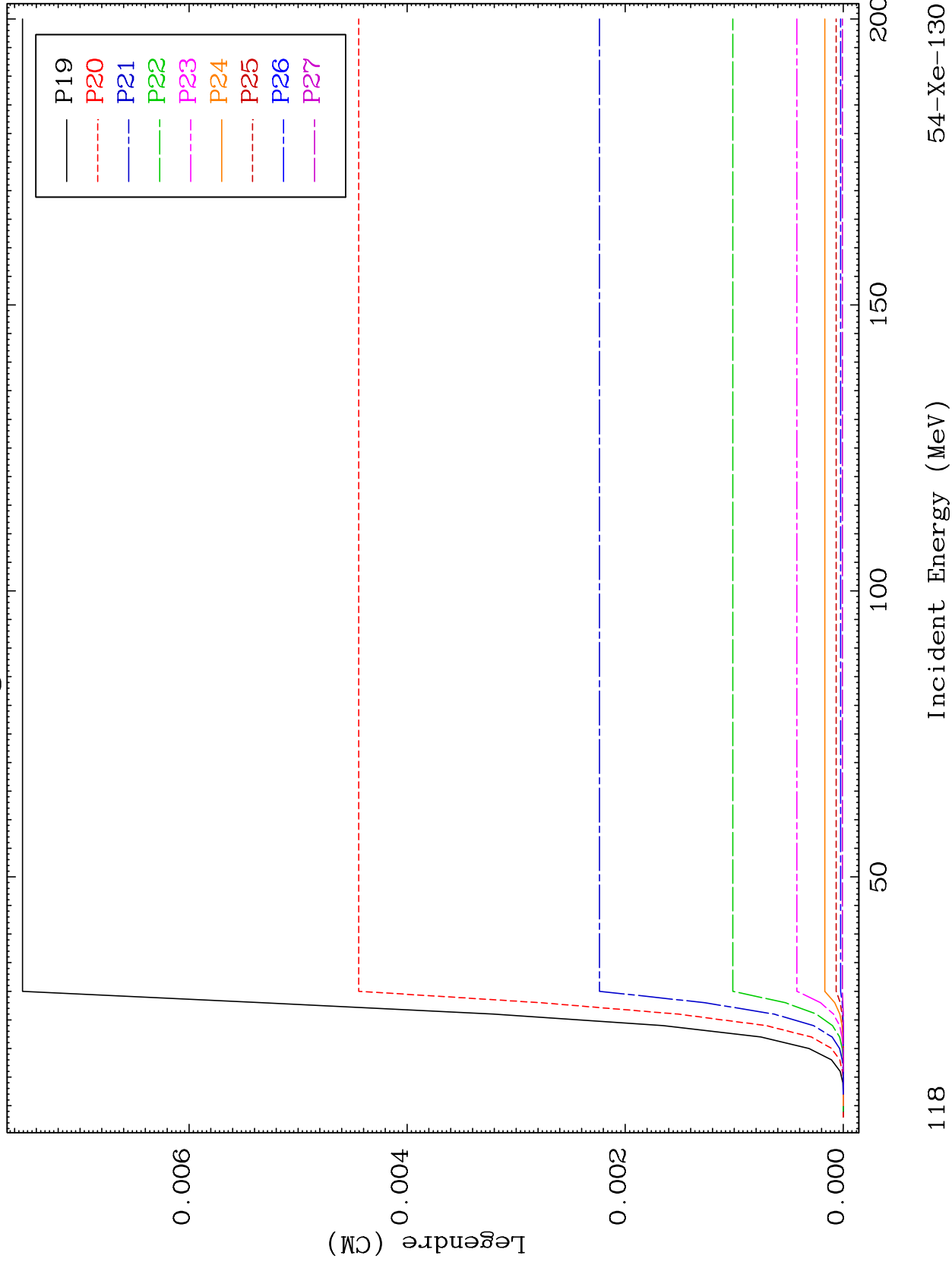
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130

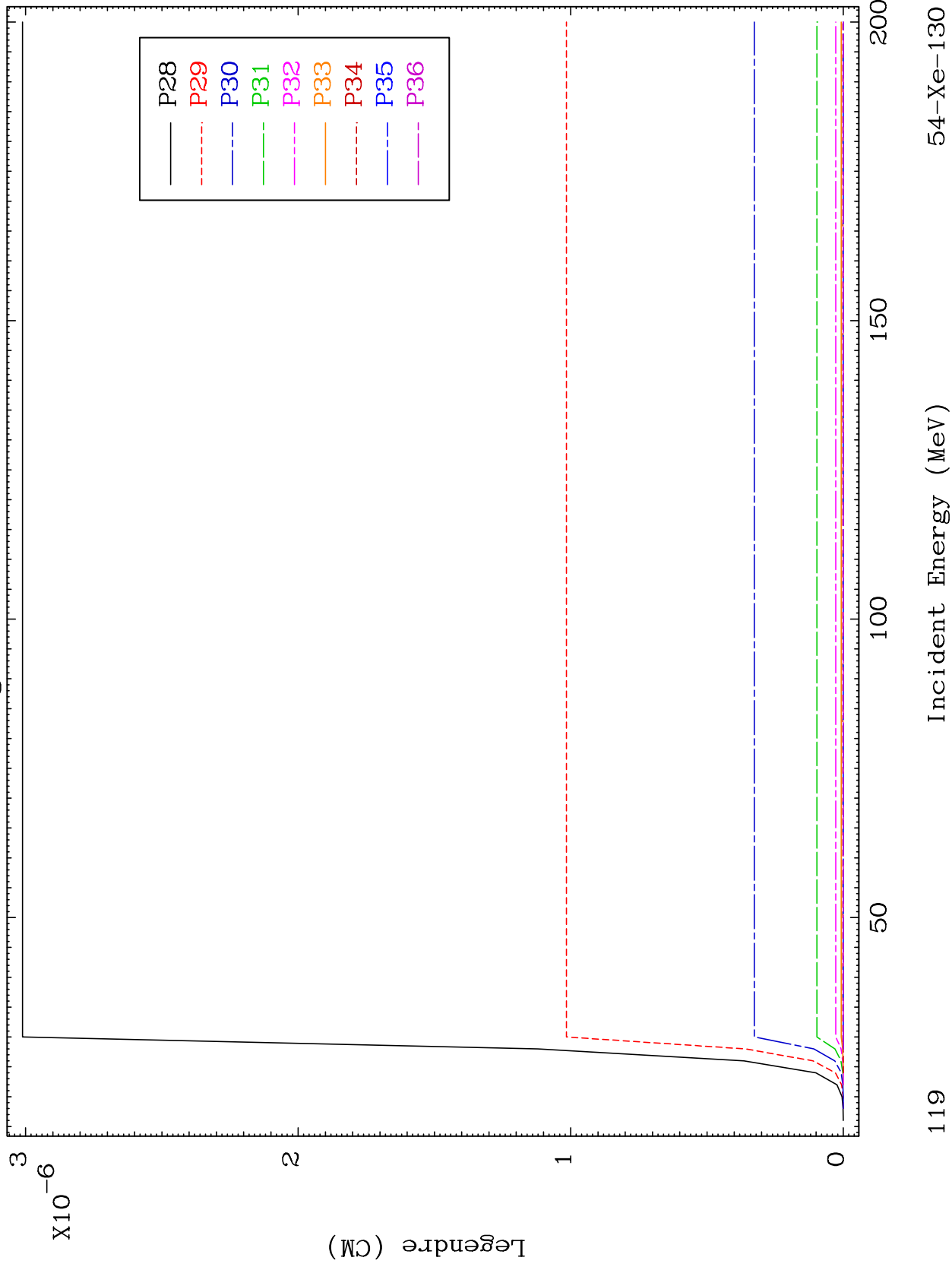


118

MAT 5443

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

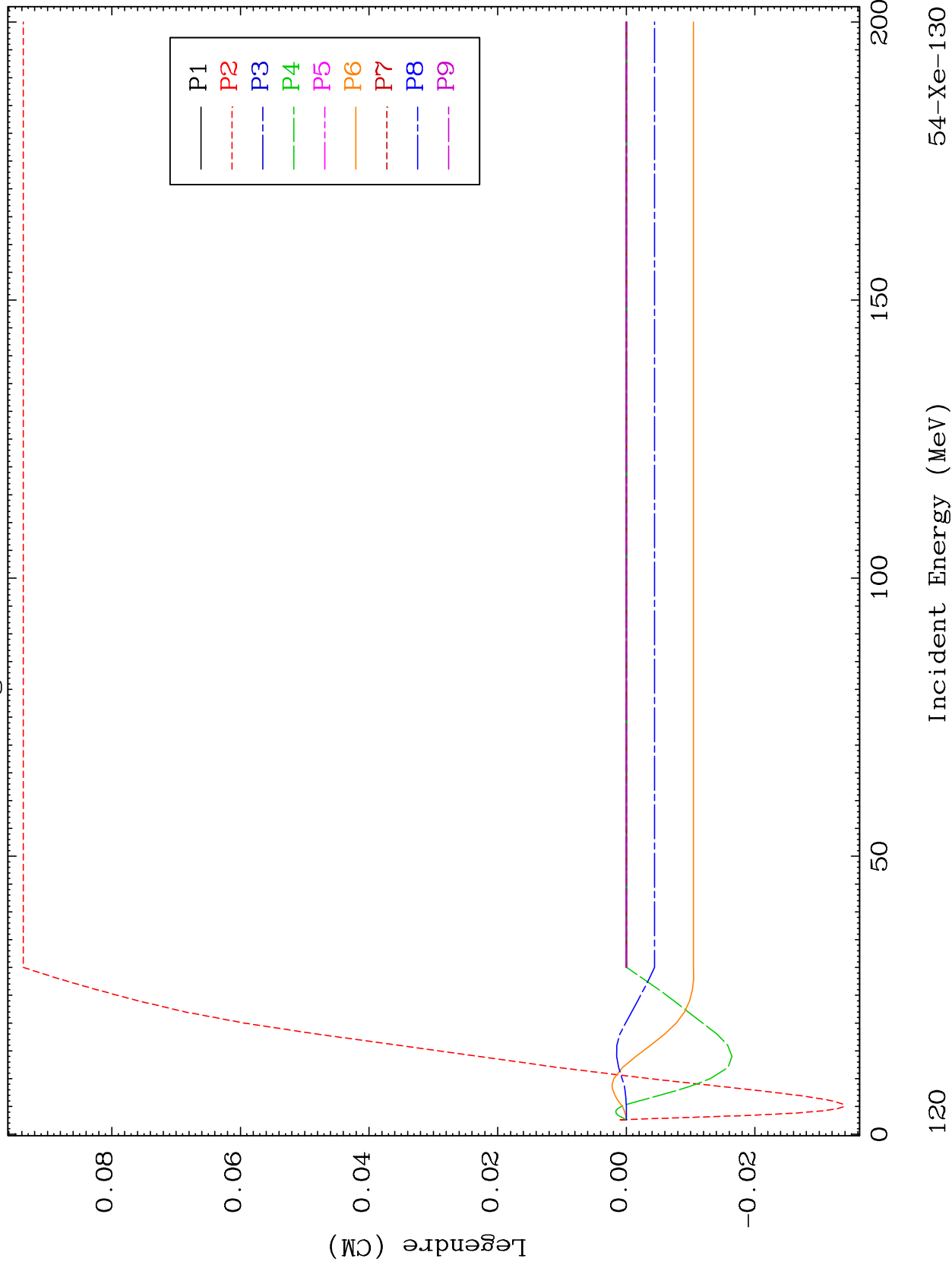
54-Xe-130



MAT 5443

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

54-Xe-130

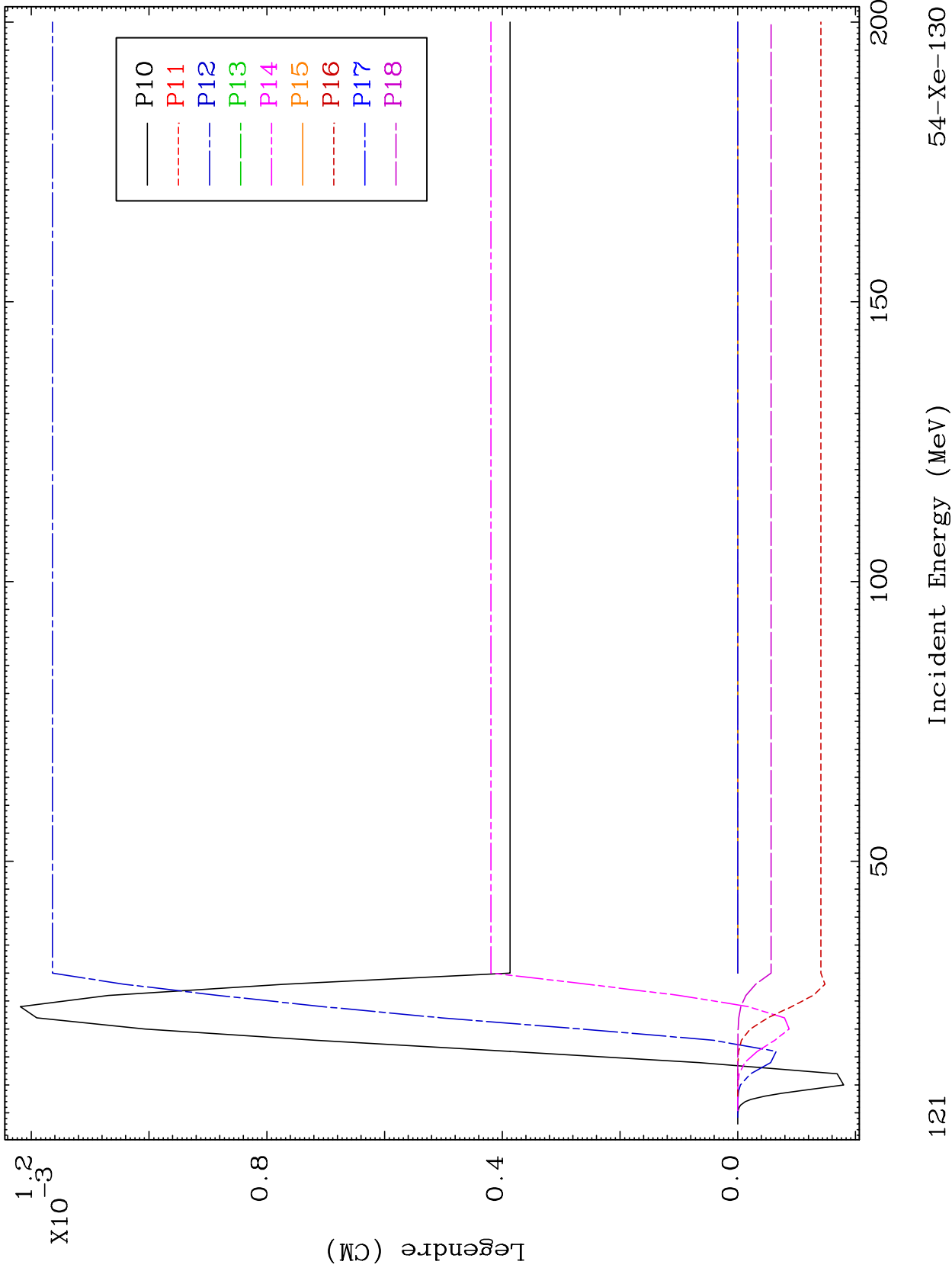


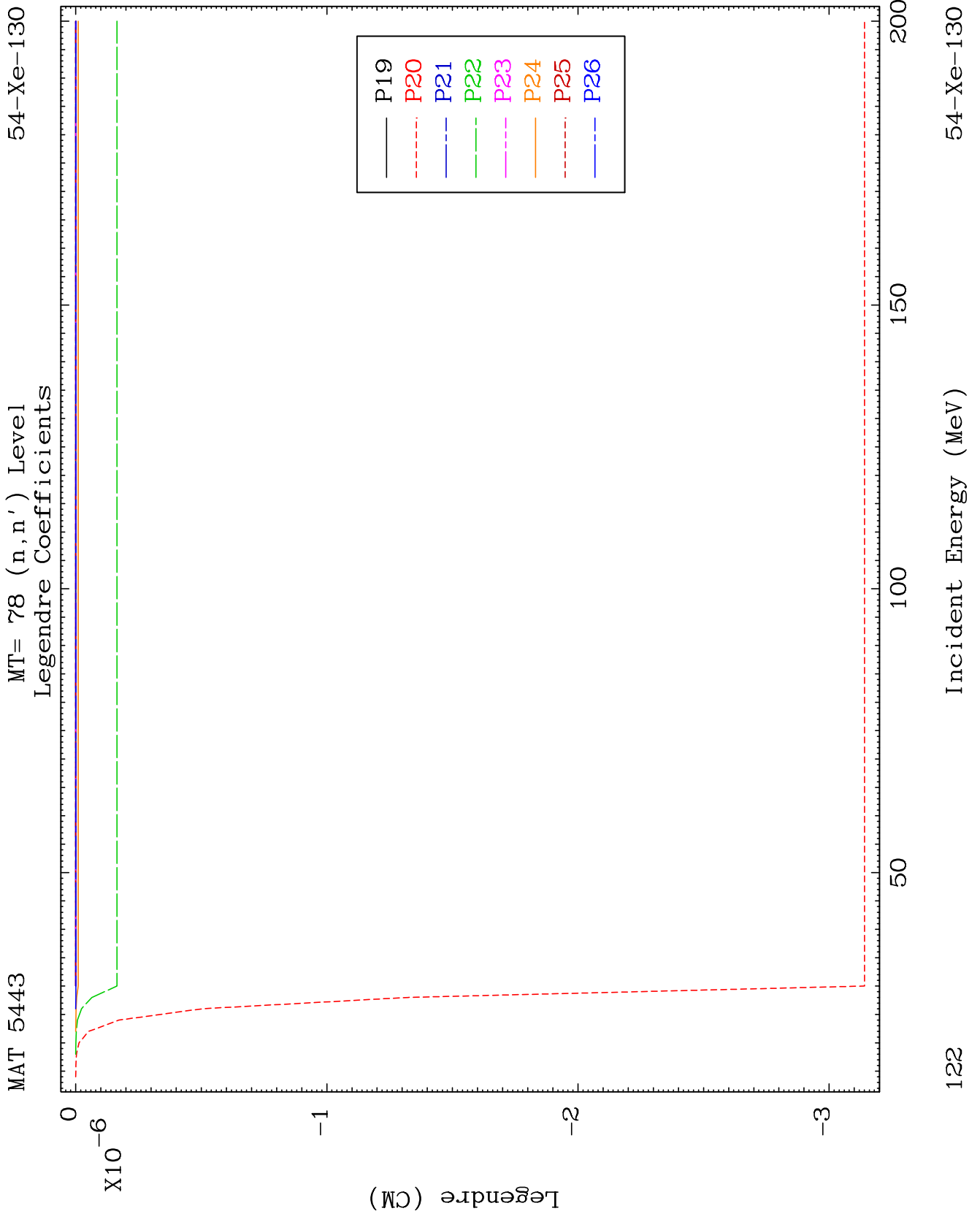
54-Xe-130

MAT 5443

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

54-Xe-130

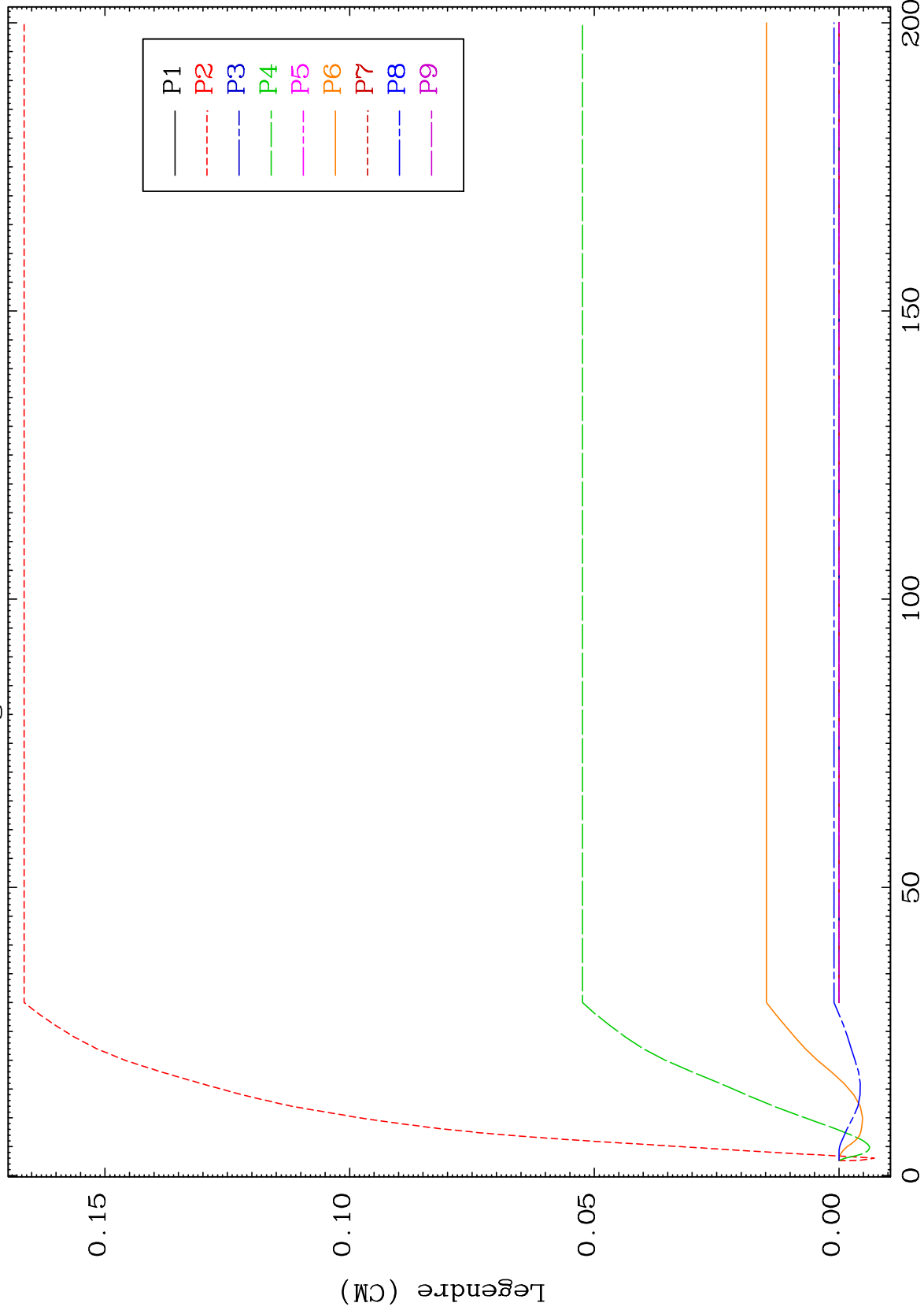




MAT 5443

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

54-Xe-130



54-Xe-130

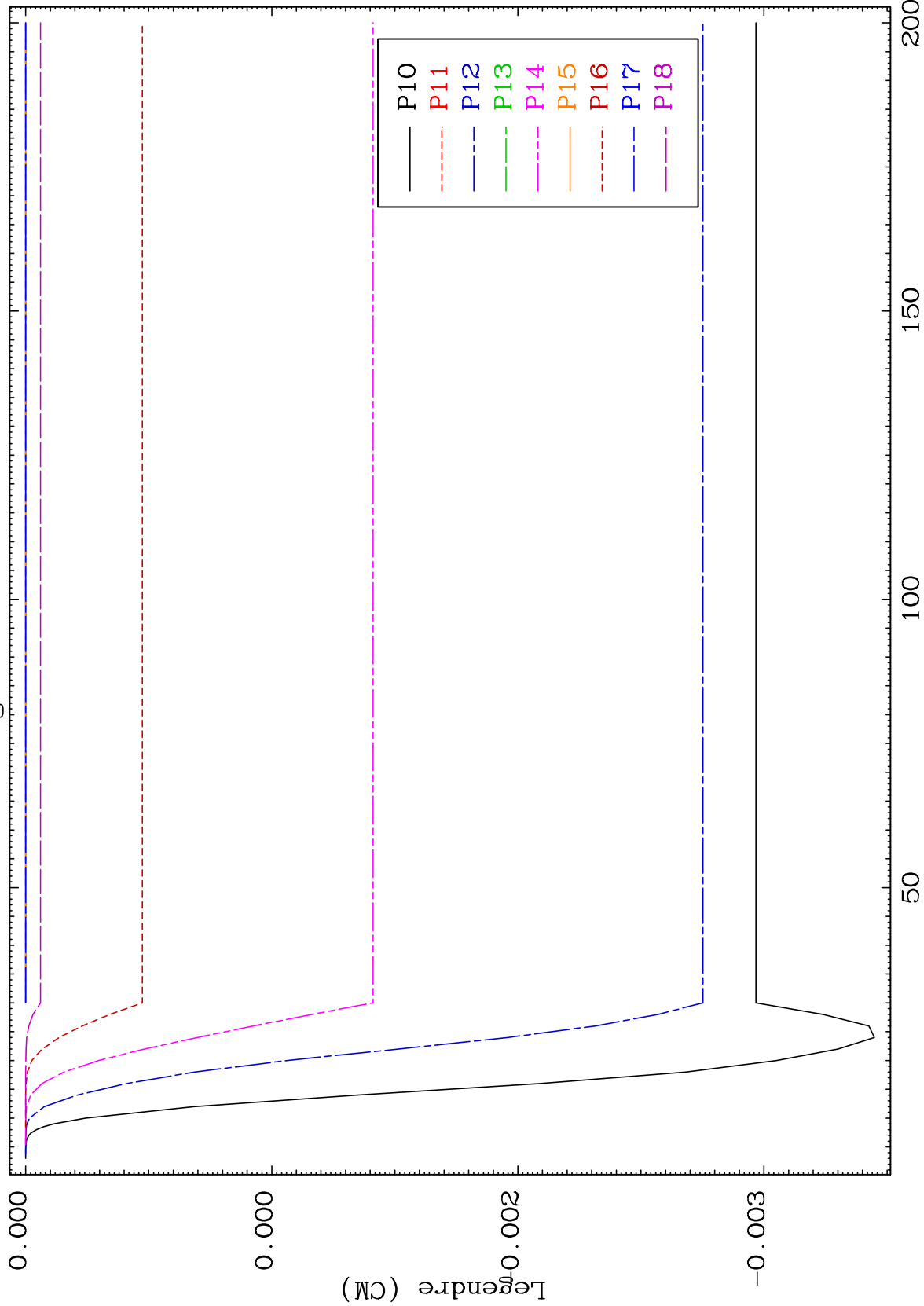
Incident Energy (MeV)

123

MAT 5443

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

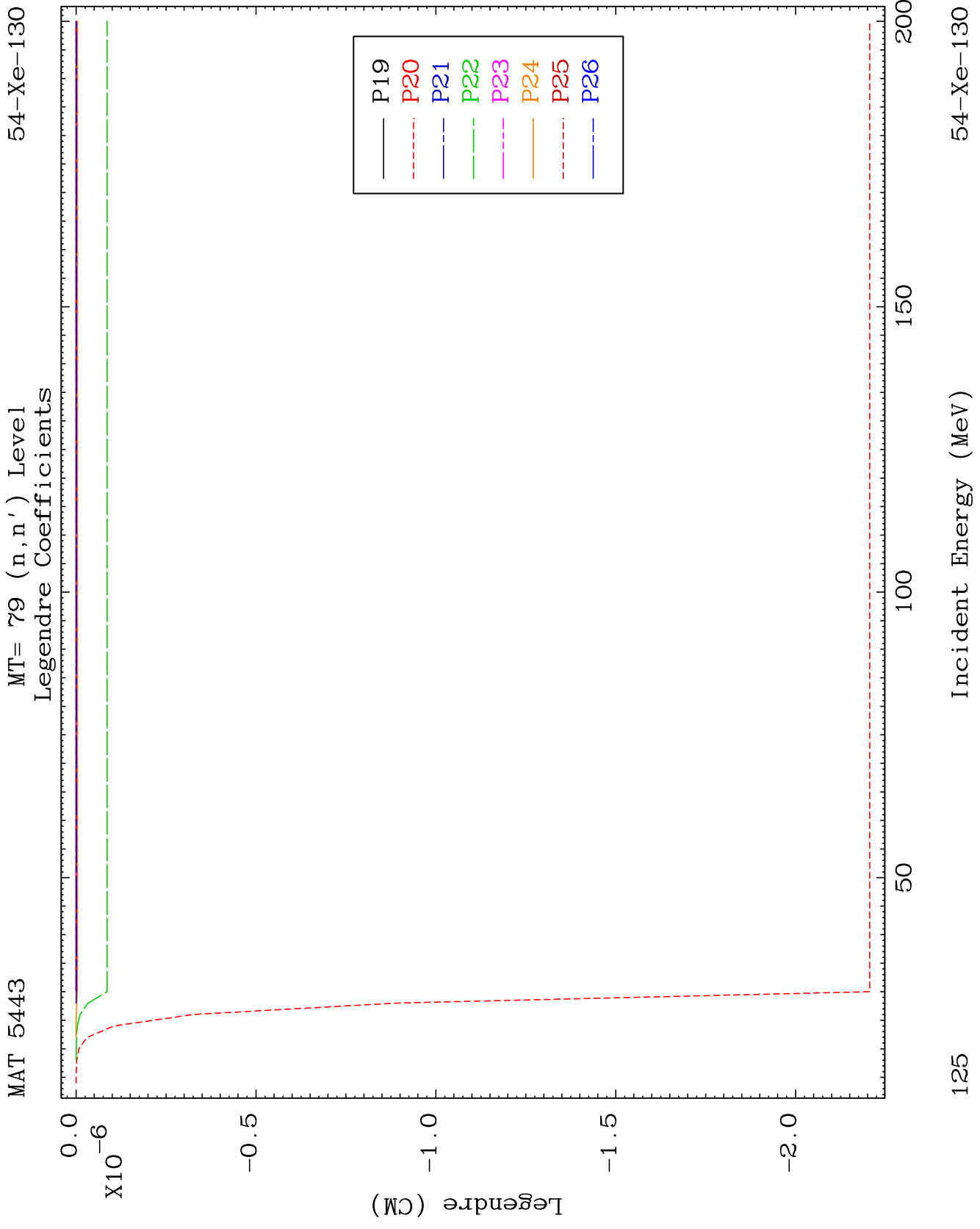
54-Xe-130

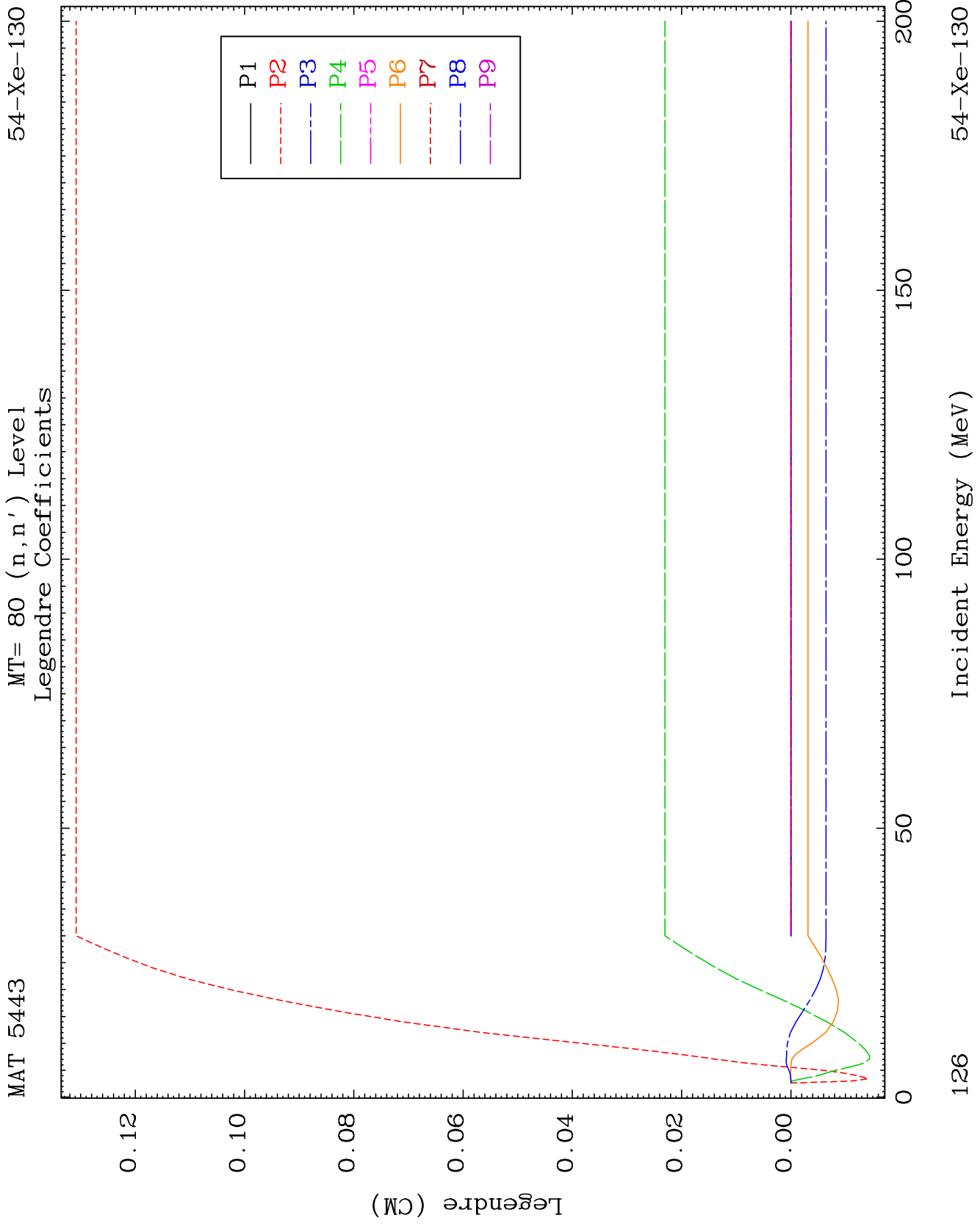


54-Xe-130

Incident Energy (MeV)

124

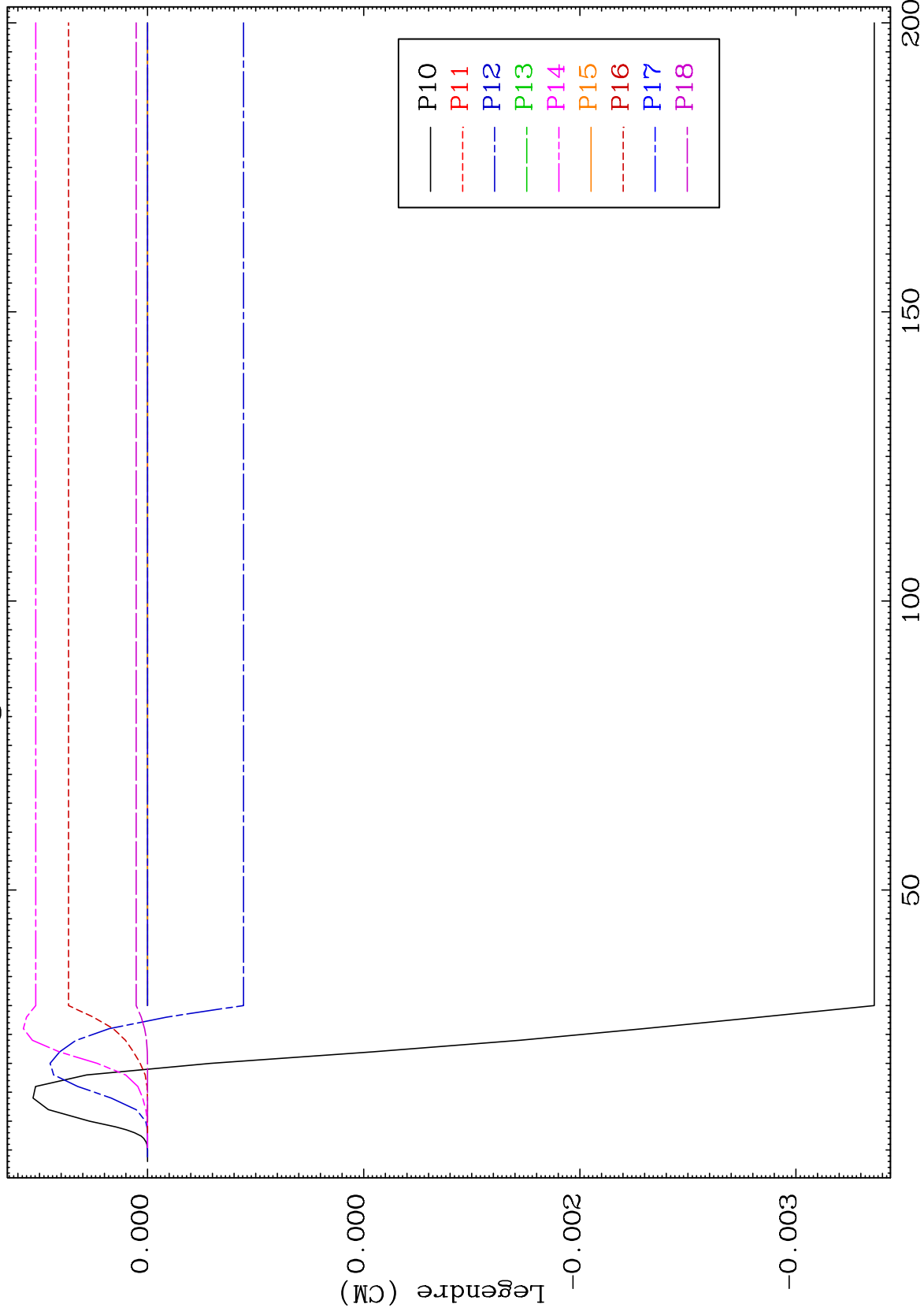




MAT 5443

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

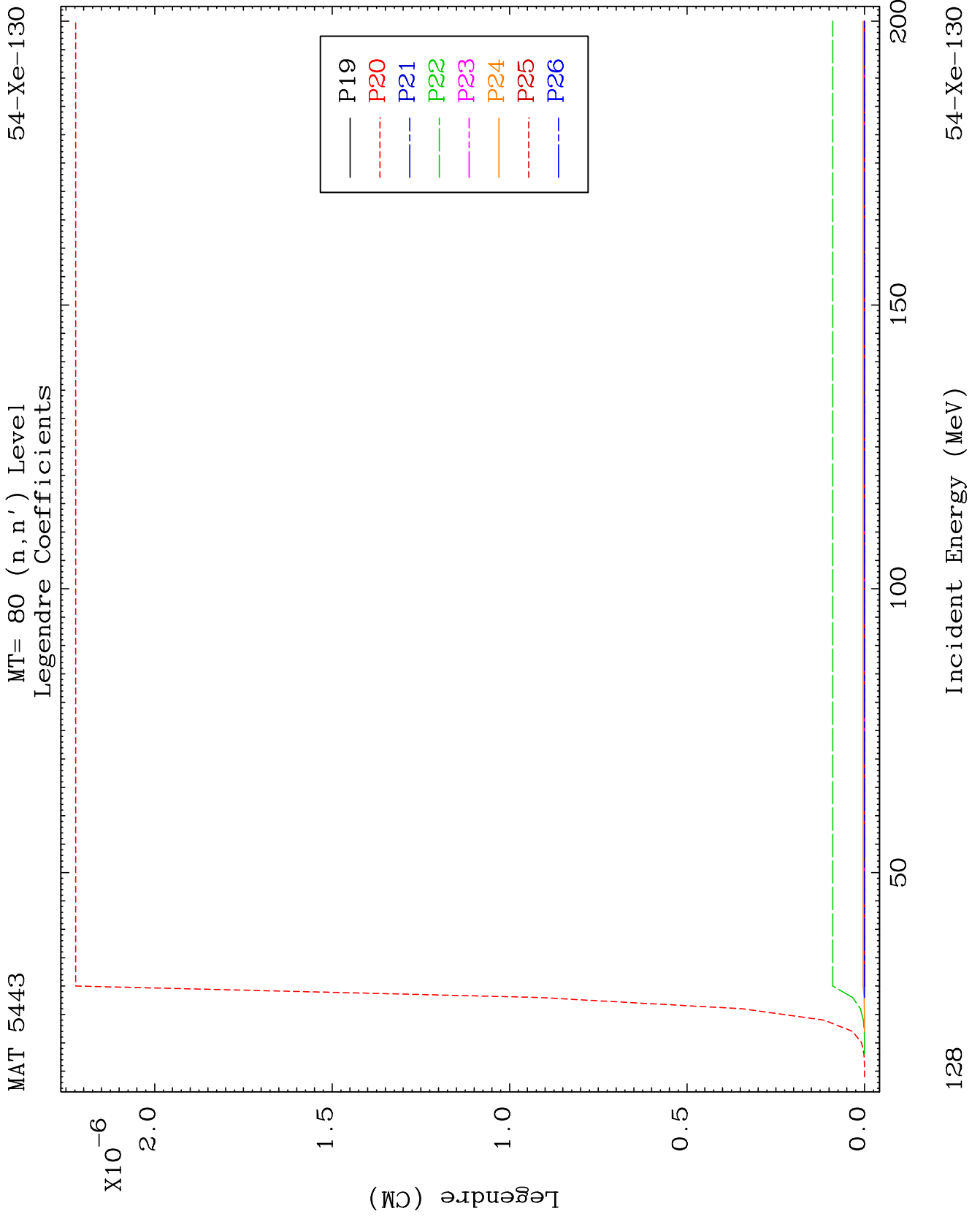
54-Xe-130



127

Incident Energy (MeV)

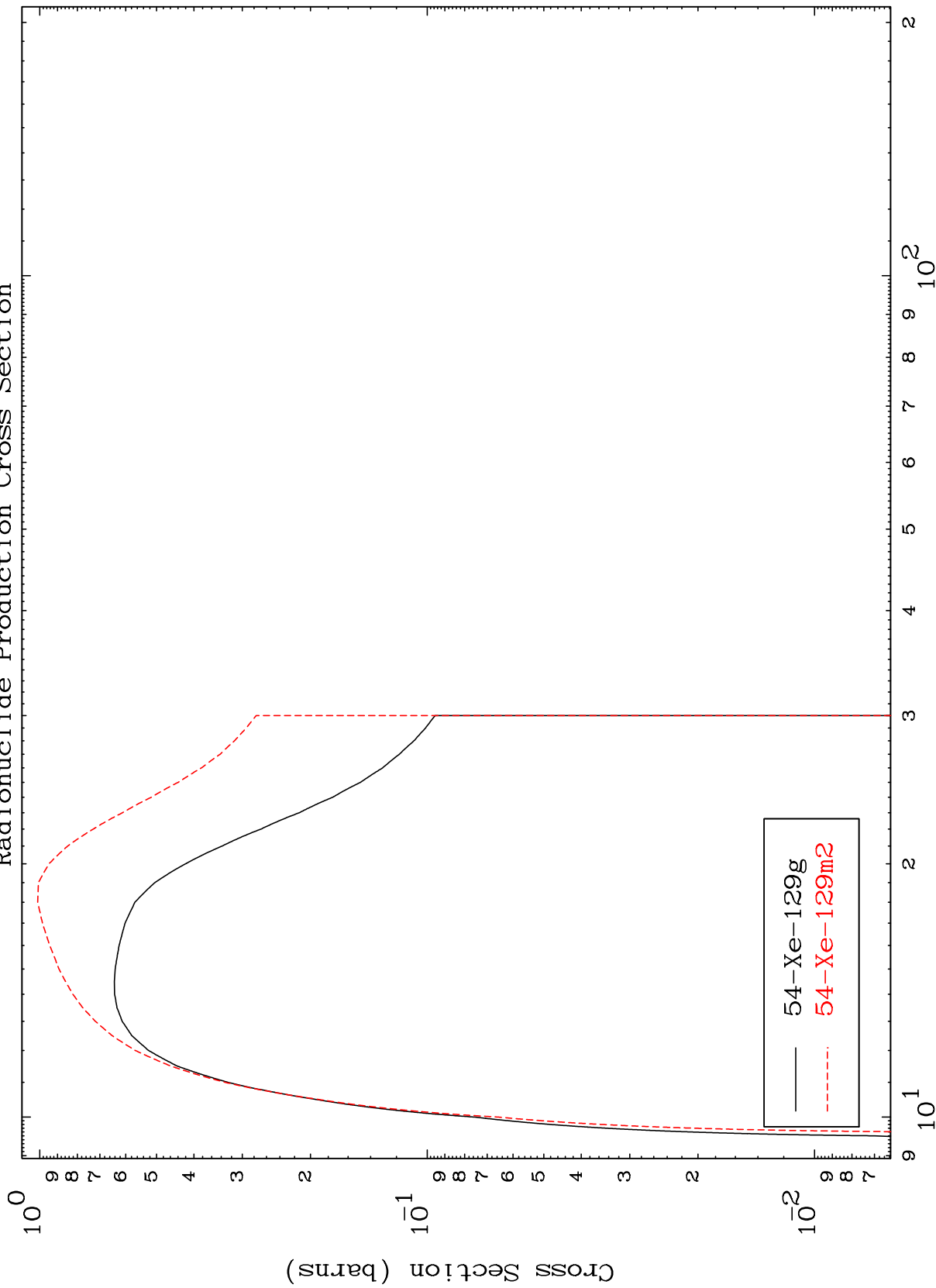
54-Xe-130



MAT 5443

54-Xe-130

(n,2n)
Radionuclide Production Cross Section



54-Xe-130

Incident Energy (MeV)

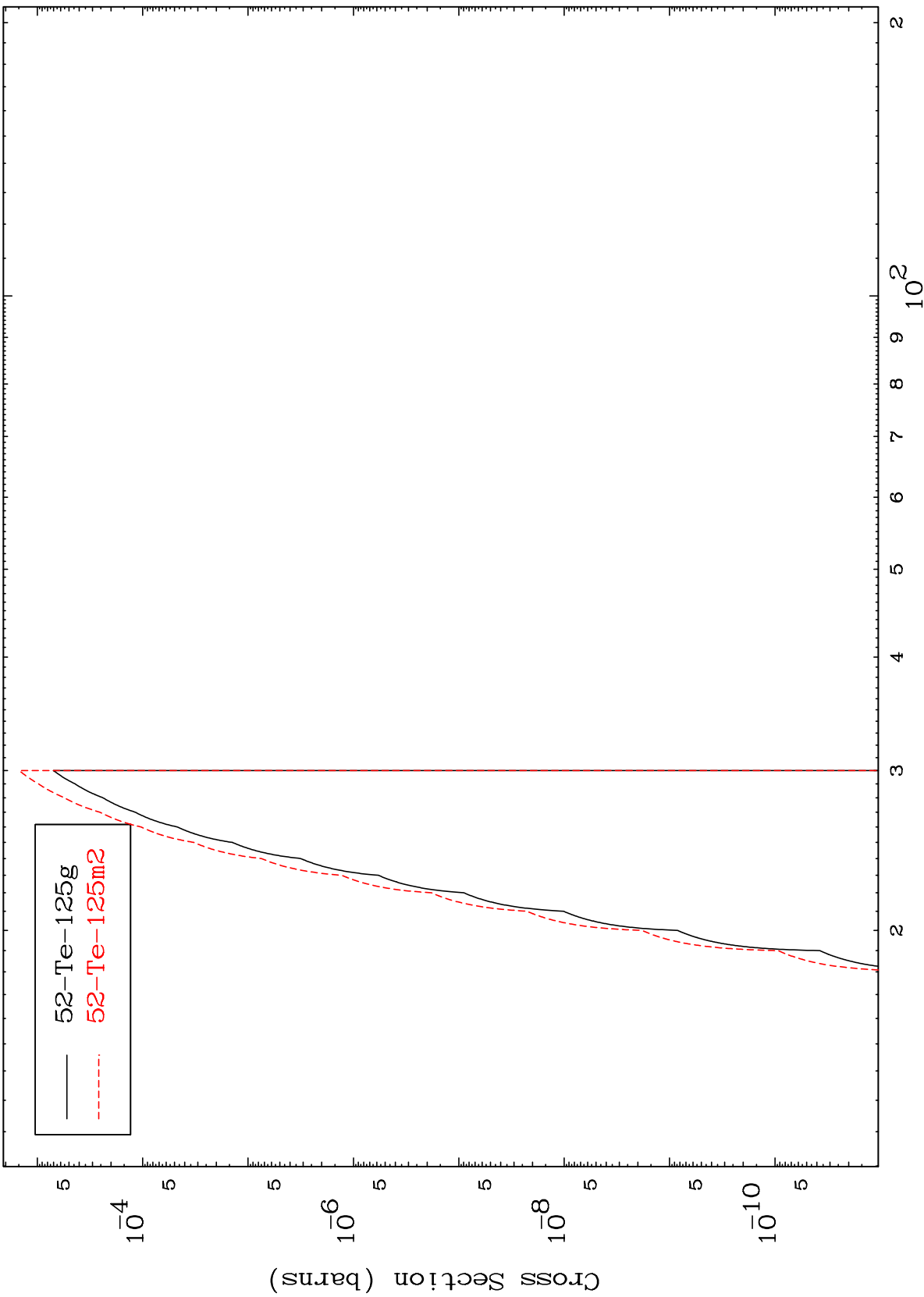
129

MAT 5443

(n,2n) α

54-Xe-130

Radionuclide Production Cross Section



130

Incident Energy (MeV)

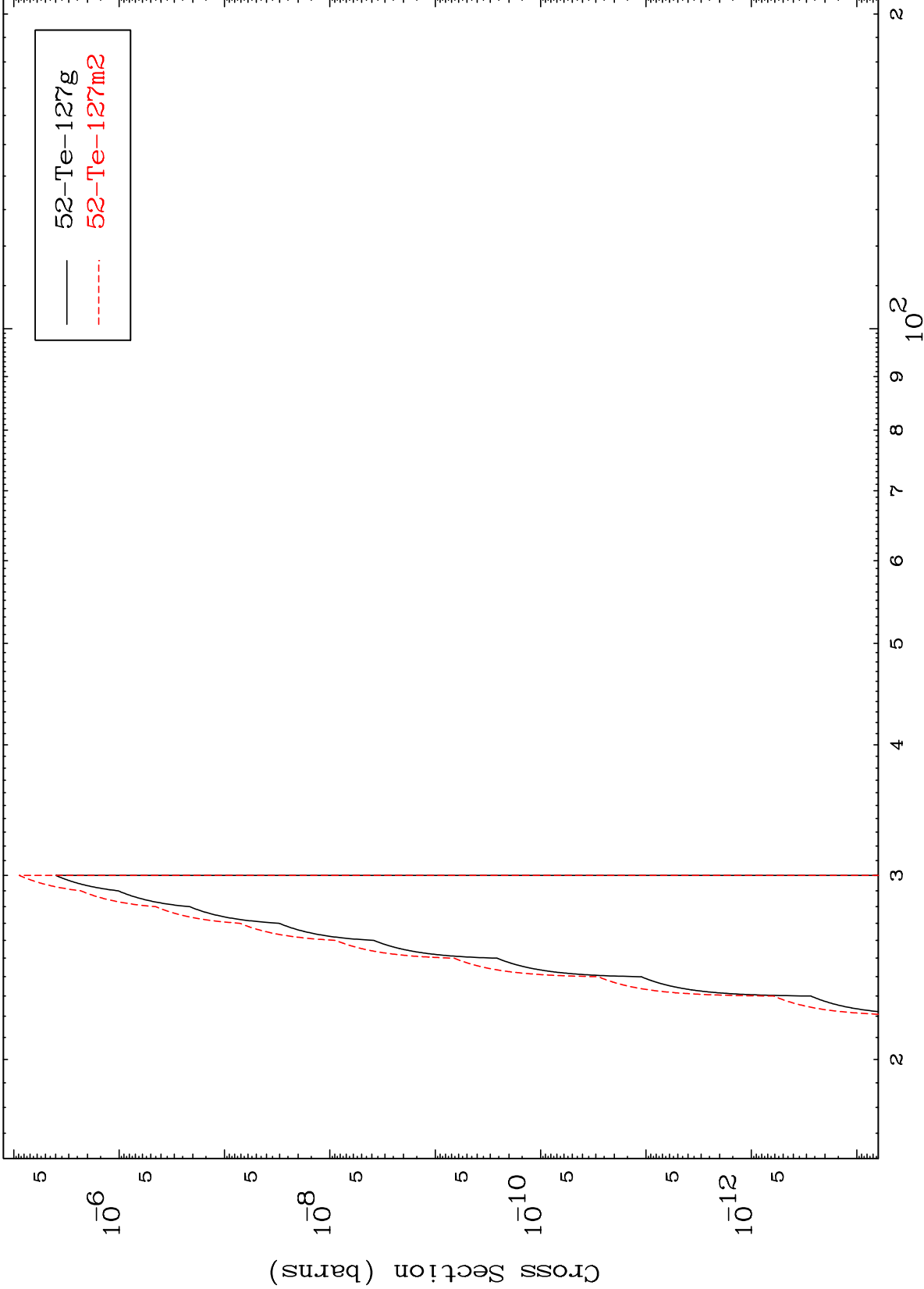
54-Xe-130

MAT 5443

(n,n') He-3

54-Xe-130

Radionuclide Production Cross Section



131

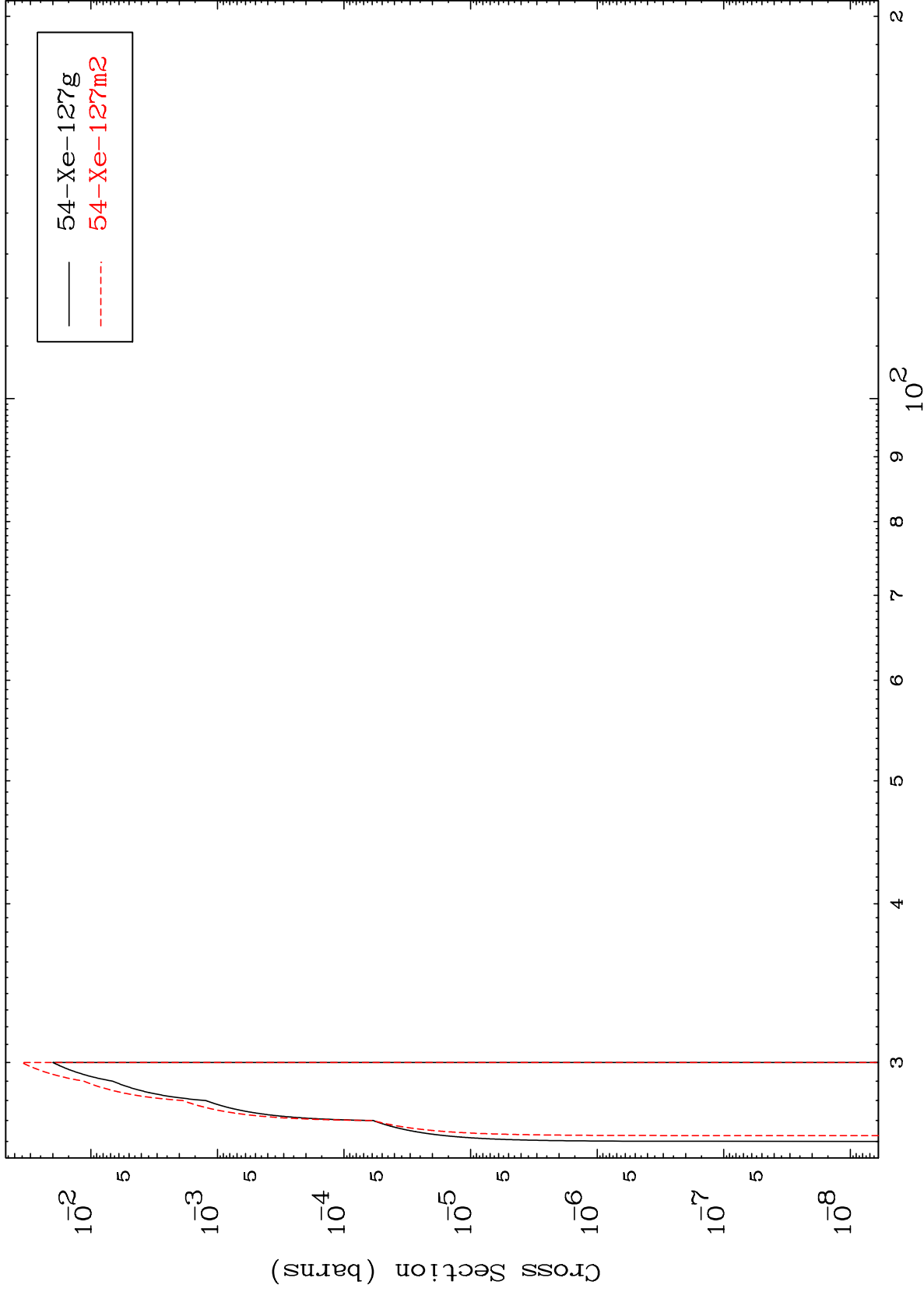
Incident Energy (MeV)

54-Xe-130

MAT 5443

54-Xe-130

(n,4n)
Radionuclide Production Cross Section



132

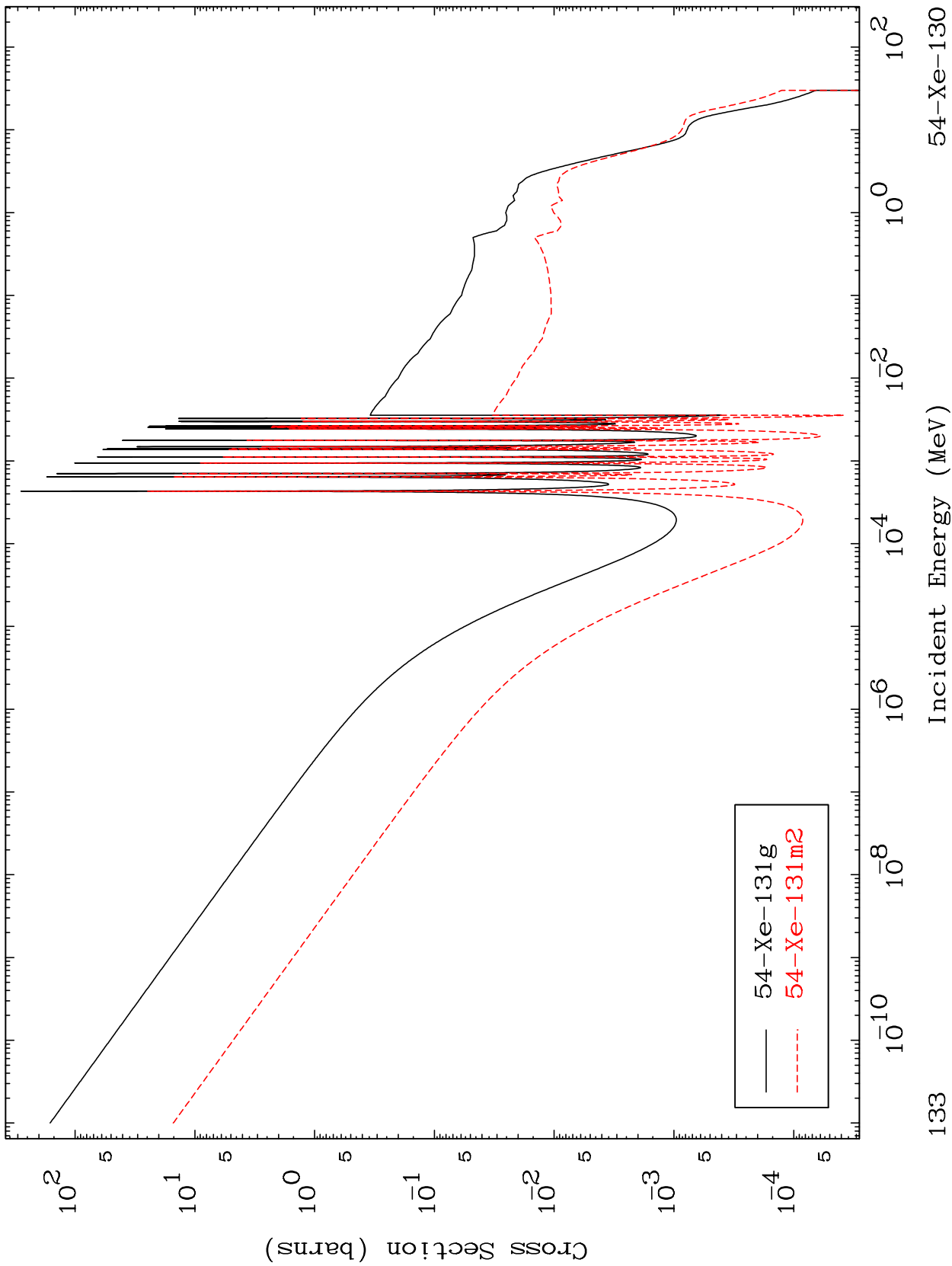
54-Xe-130

Incident Energy (MeV)

MAT 5443

54-Xe-130

(n, γ)
Radionuclide Production Cross Section



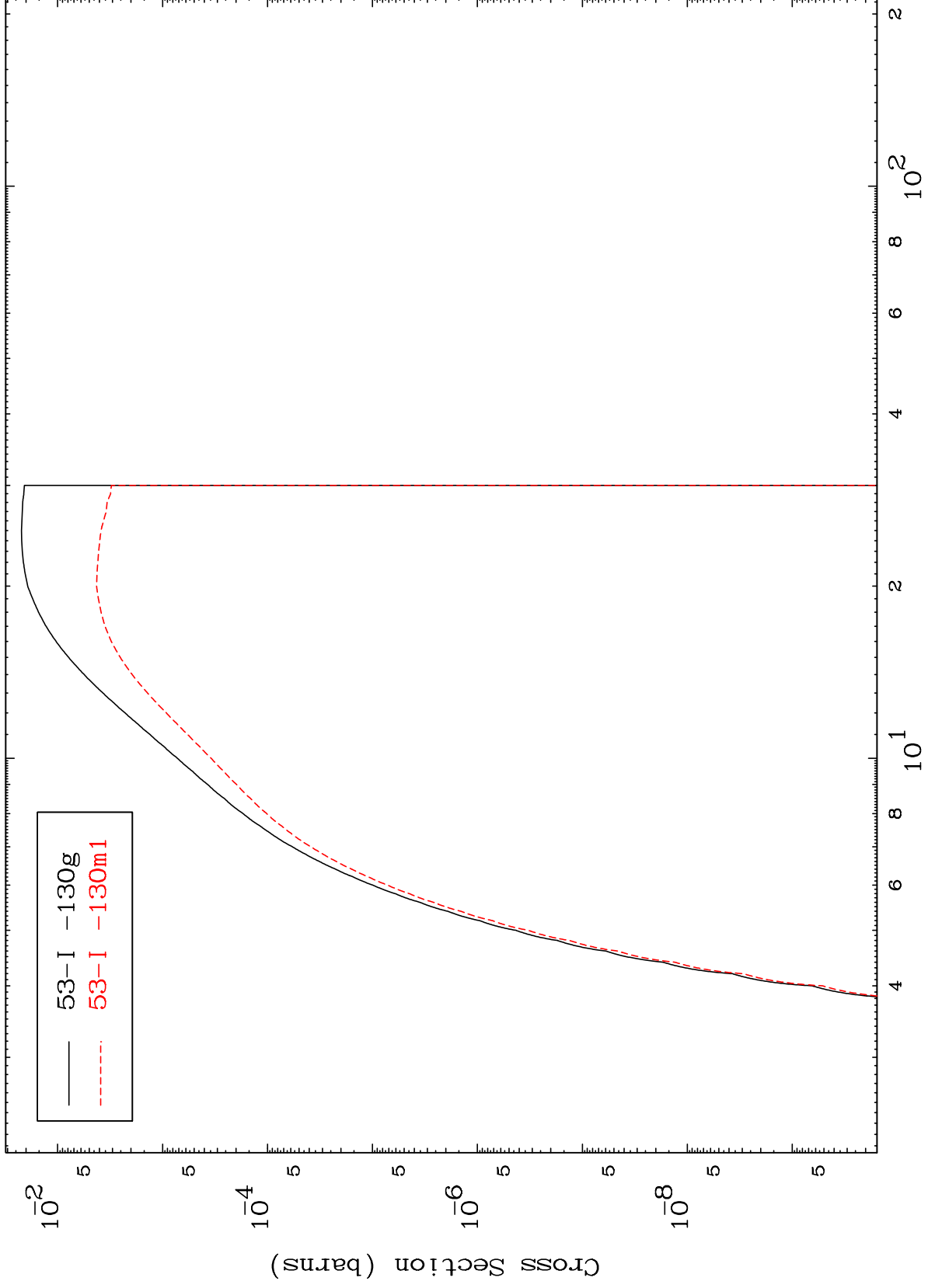
133

54-Xe-130

MAT 5443

54-Xe-130

(n,p)
Radionuclide Production Cross Section



— 53-I -130g
- - - 53-I -130m1

134

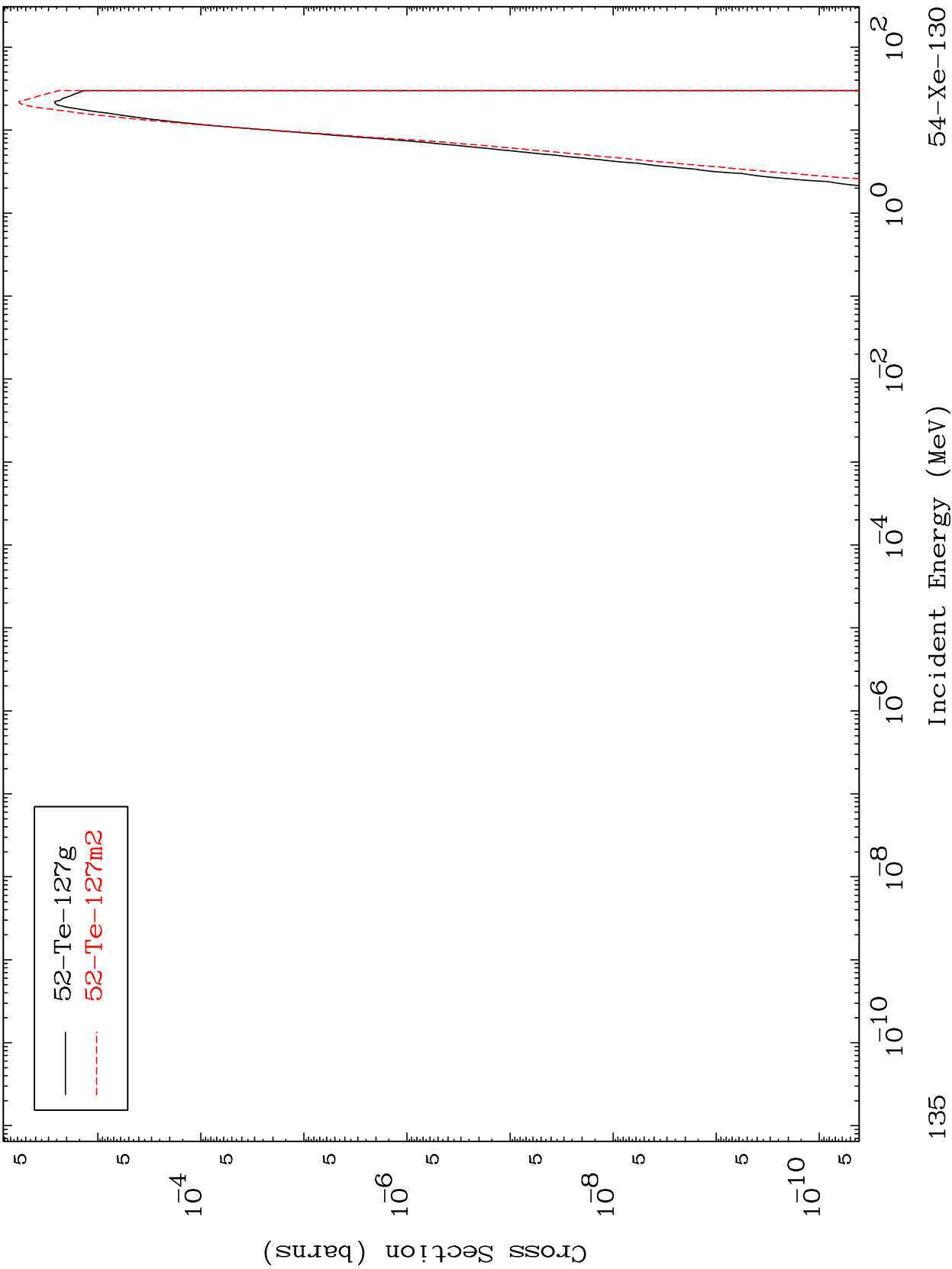
54-Xe-130

Incident Energy (MeV)

MAT 5443

54-Xe-130

(n, α)
Radionuclide Production Cross Section

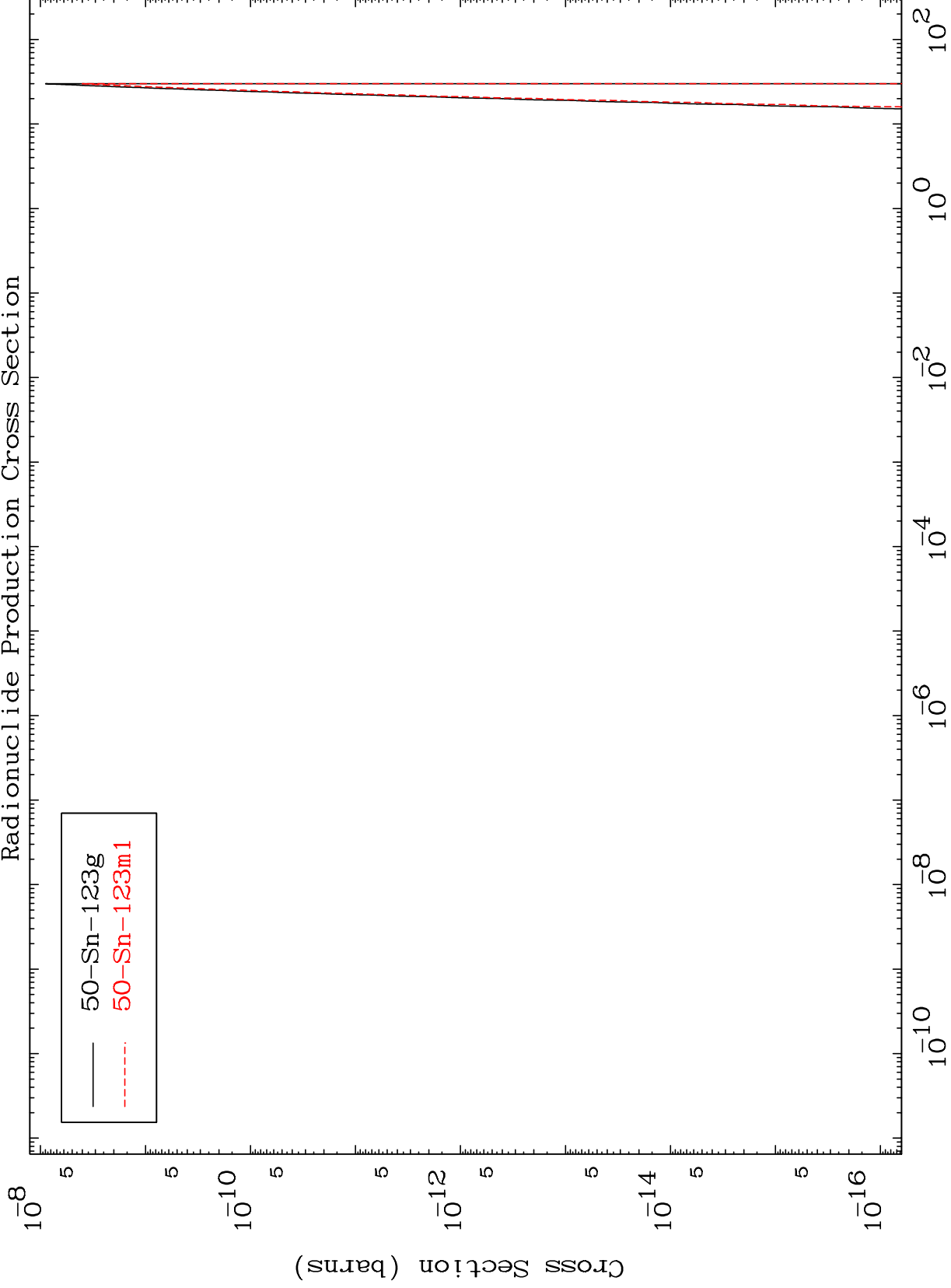


MAT 5443

(n,2α)

54-Xe-130

Radionuclide Production Cross Section



136

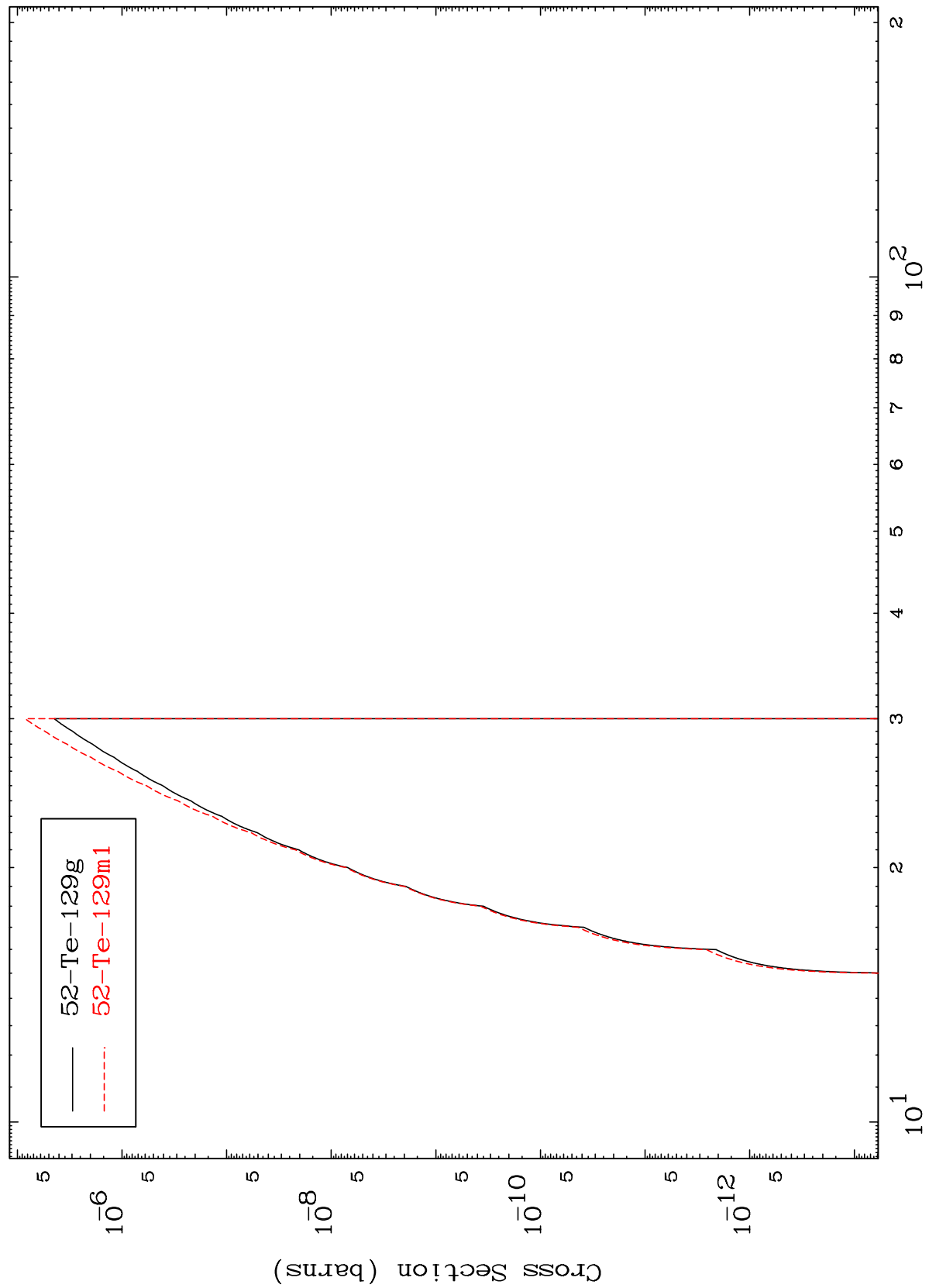
Incident Energy (MeV)

54-Xe-130

MAT 5443

54-Xe-130

(n,2p)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

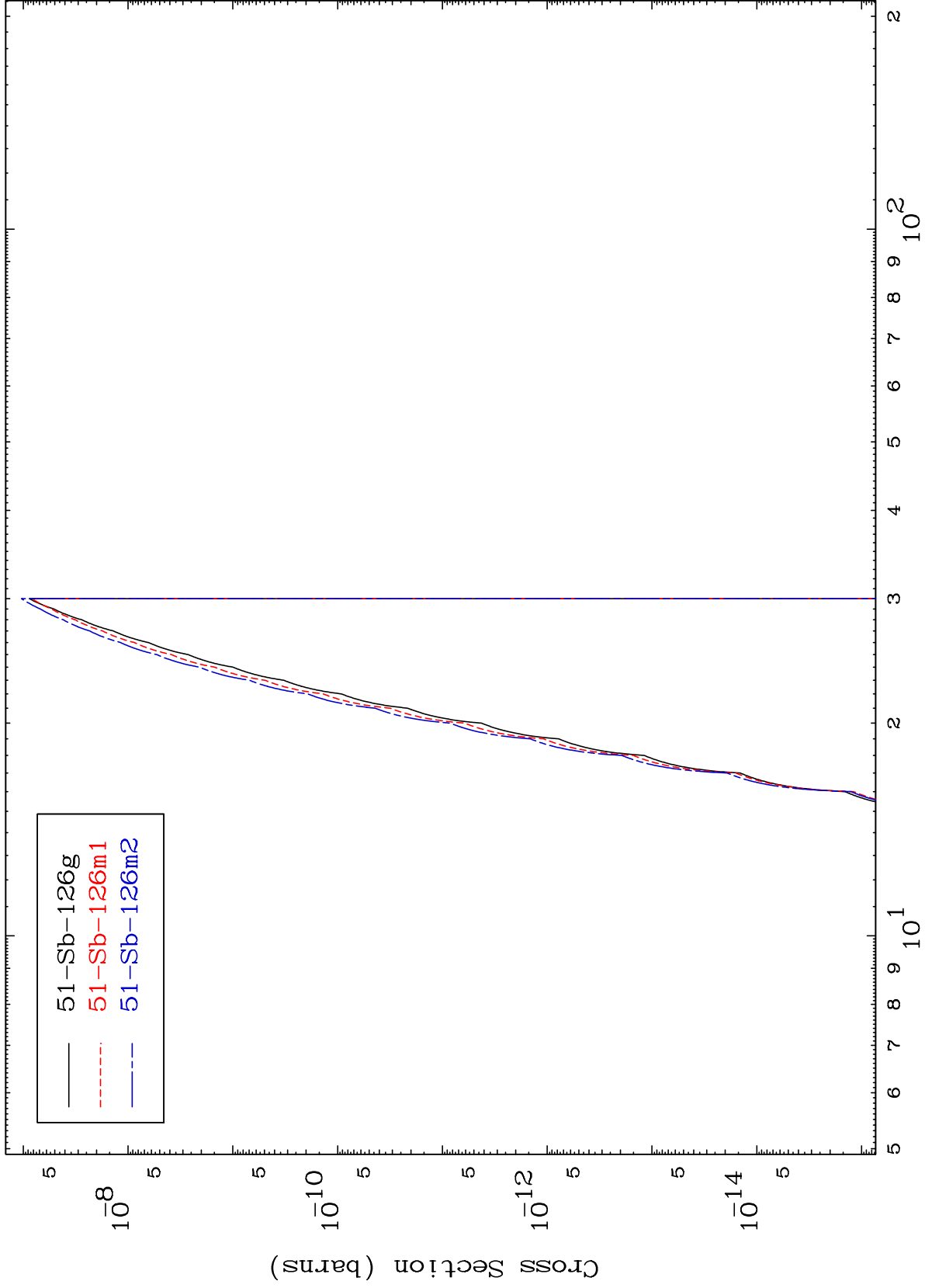
54-Xe-130

MAT 5443

(n,p) α

54-Xe-130

Radionuclide Production Cross Section



138

Incident Energy (MeV)

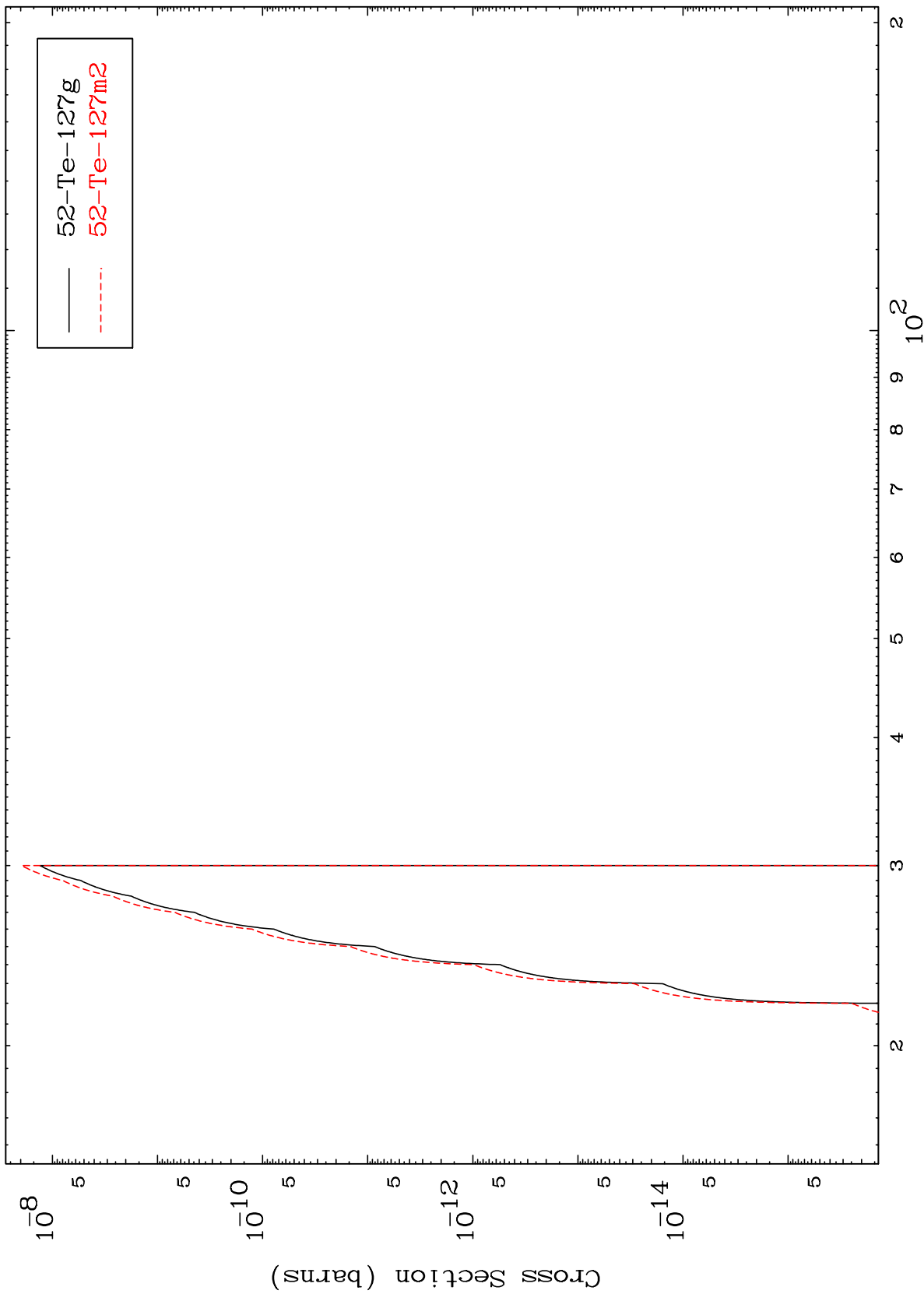
54-Xe-130

MAT 5443

(n,p) t

54-Xe-130

Radionuclide Production Cross Section



139

Incident Energy (MeV)

54-Xe-130