

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

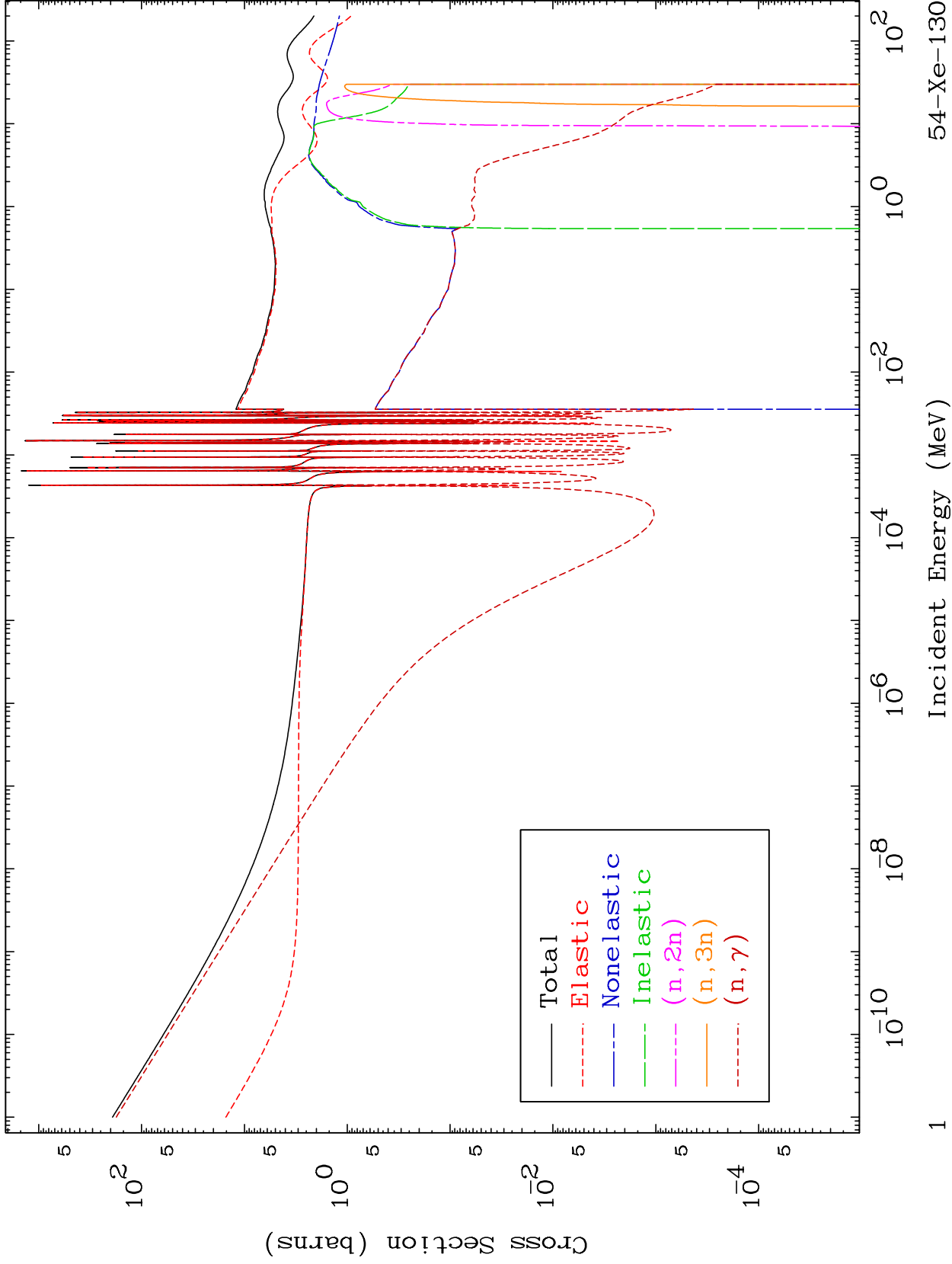
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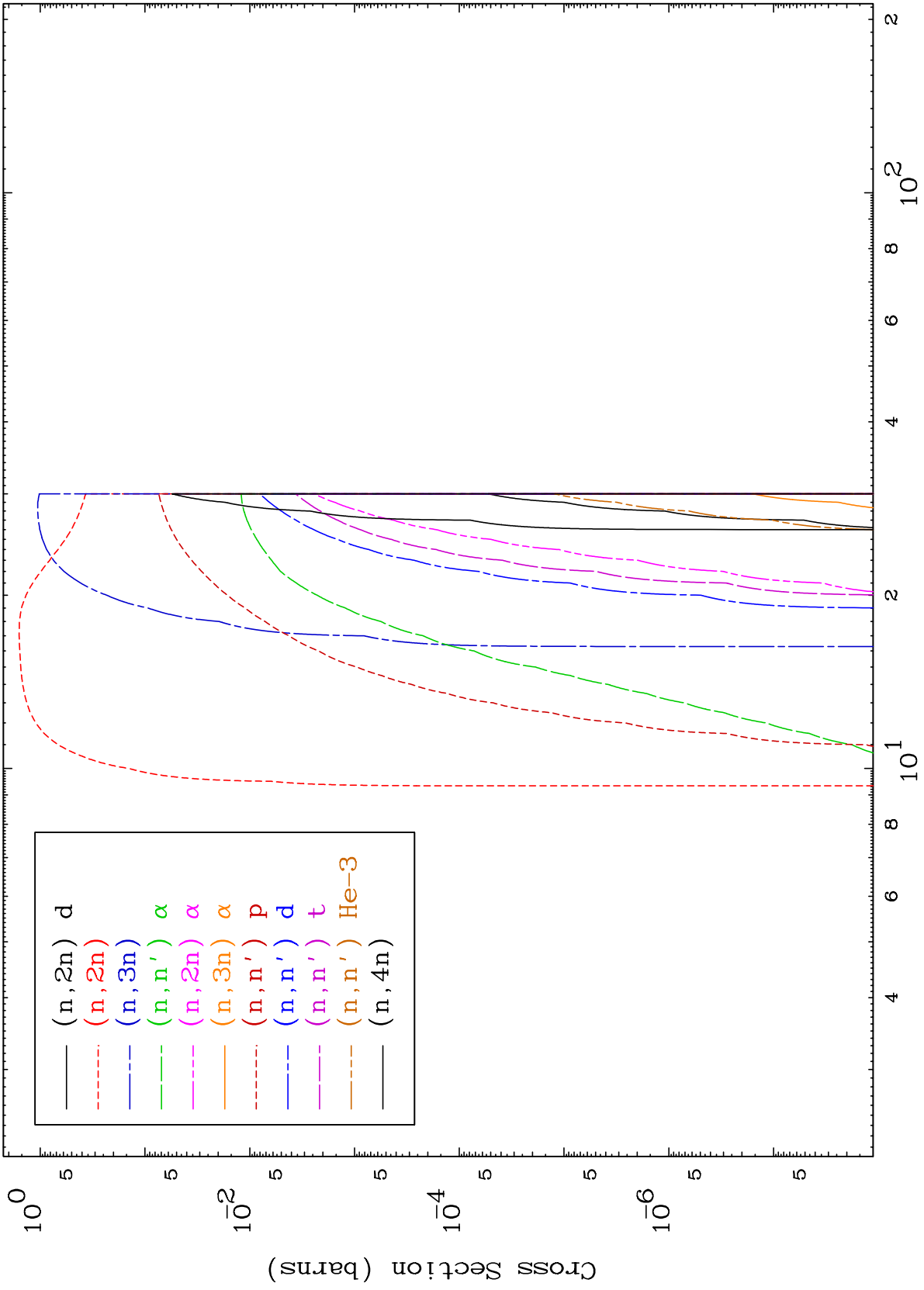
Press Mouse Button to Start

MAT 5443

Neutron Major
293 Kelvin Cross Sections

54-Xe-130

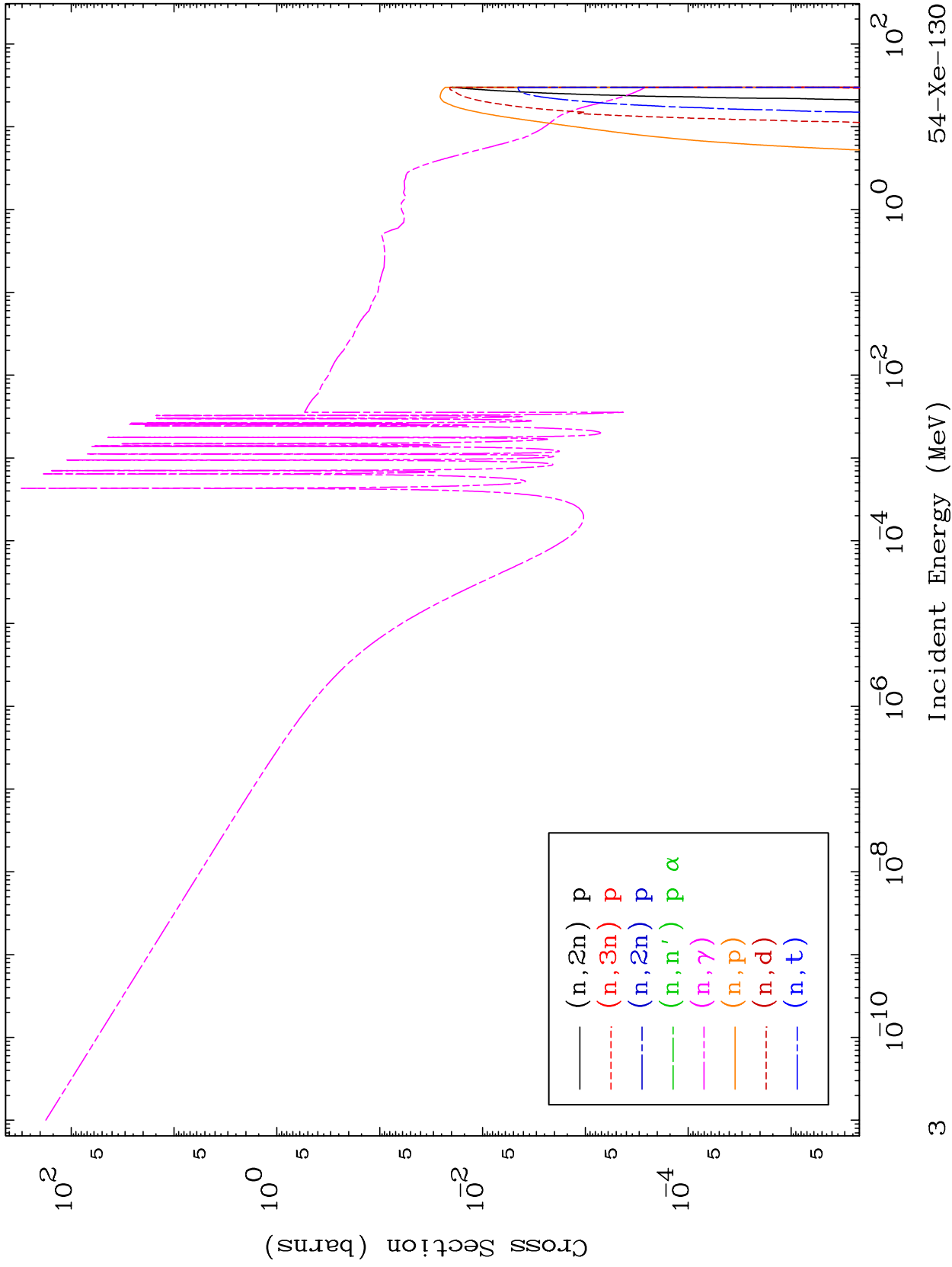




MAT 5443

Neutron Absorption
293 Kelvin Cross Sections

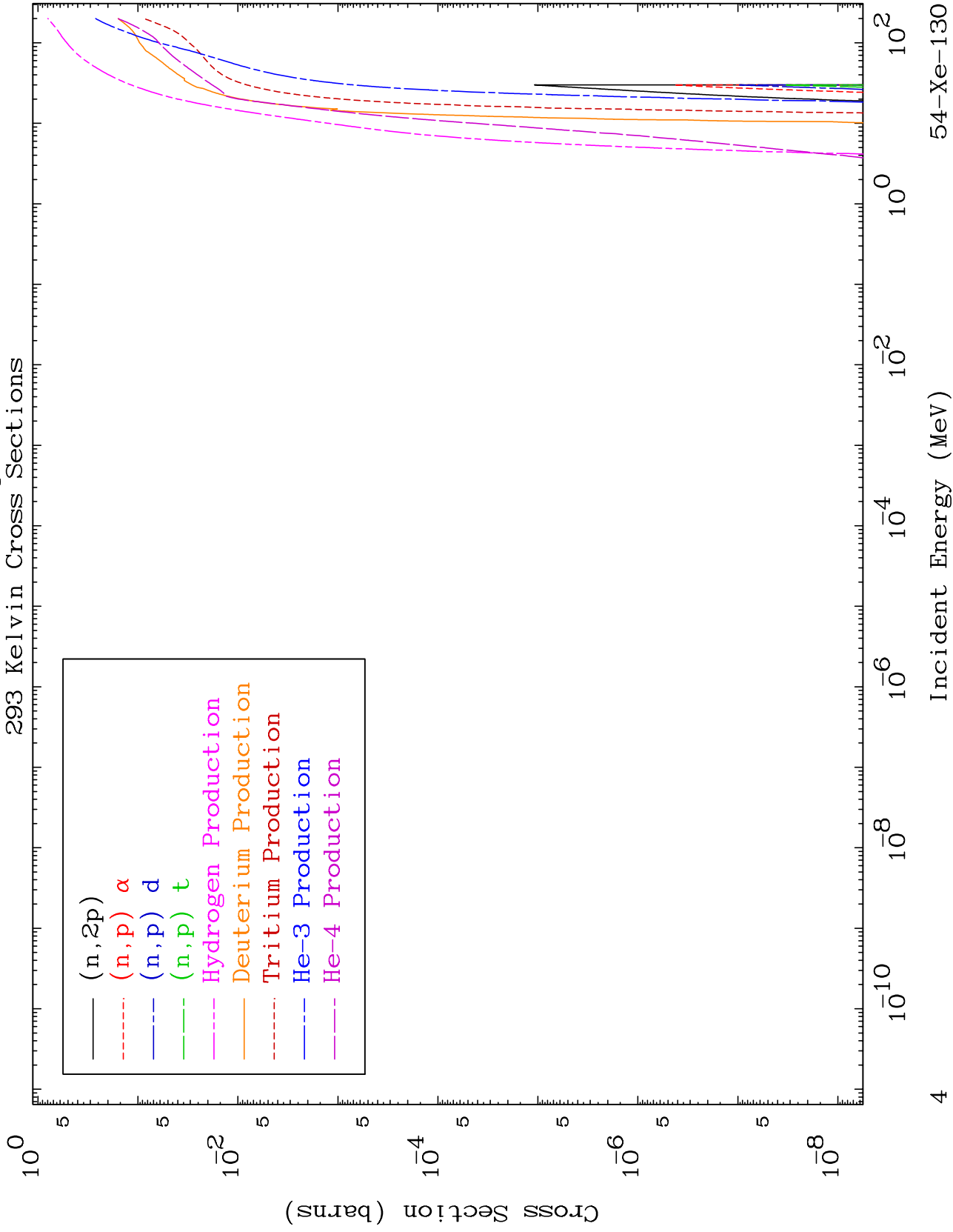
54-Xe-130

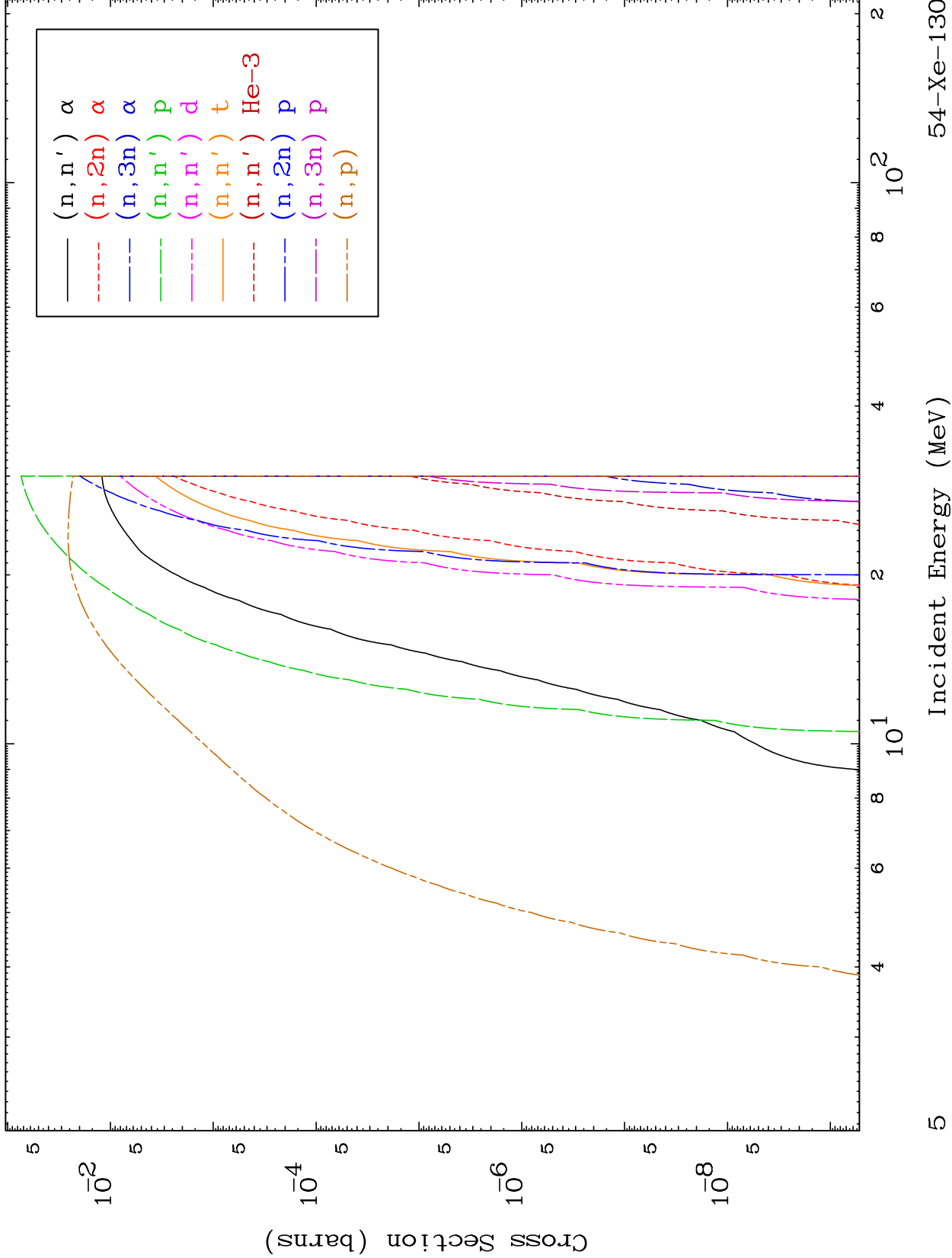


MAT 5443

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-130

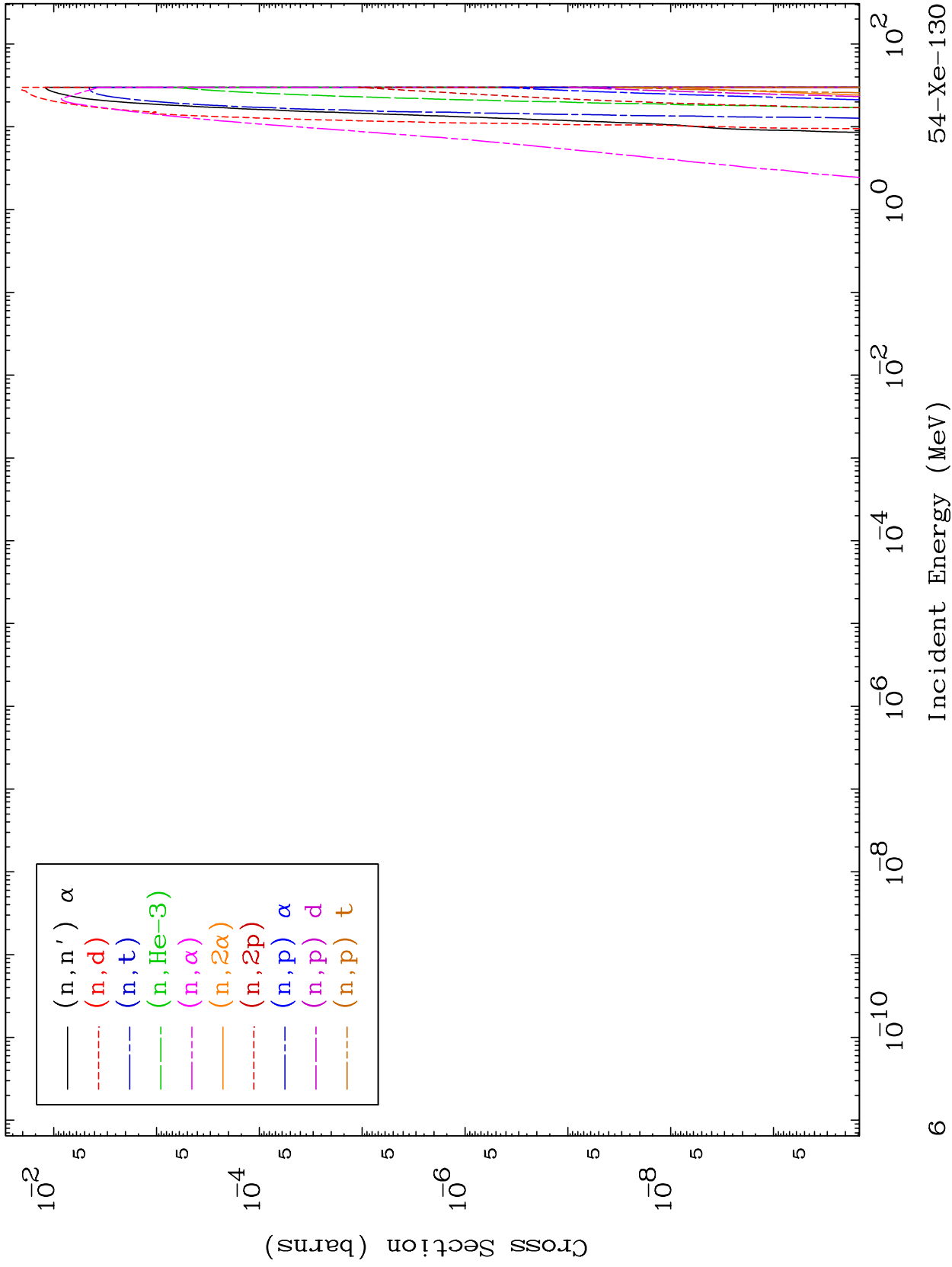




MAT 5443

Charged Particle
293 Kelvin Cross Sections

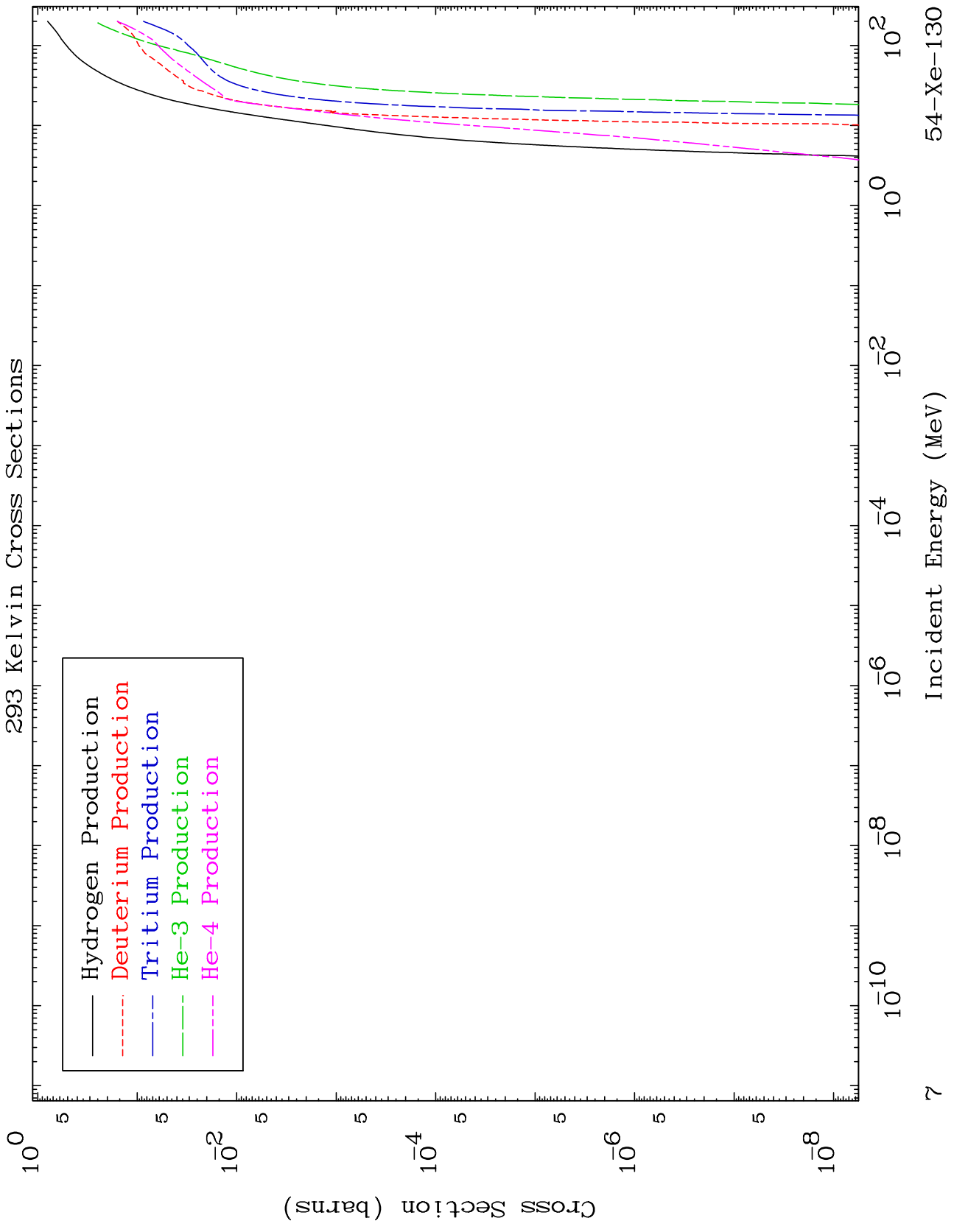
54-Xe-130



MAT 5443

Particle Production
293 Kelvin Cross Sections

54-Xe-130

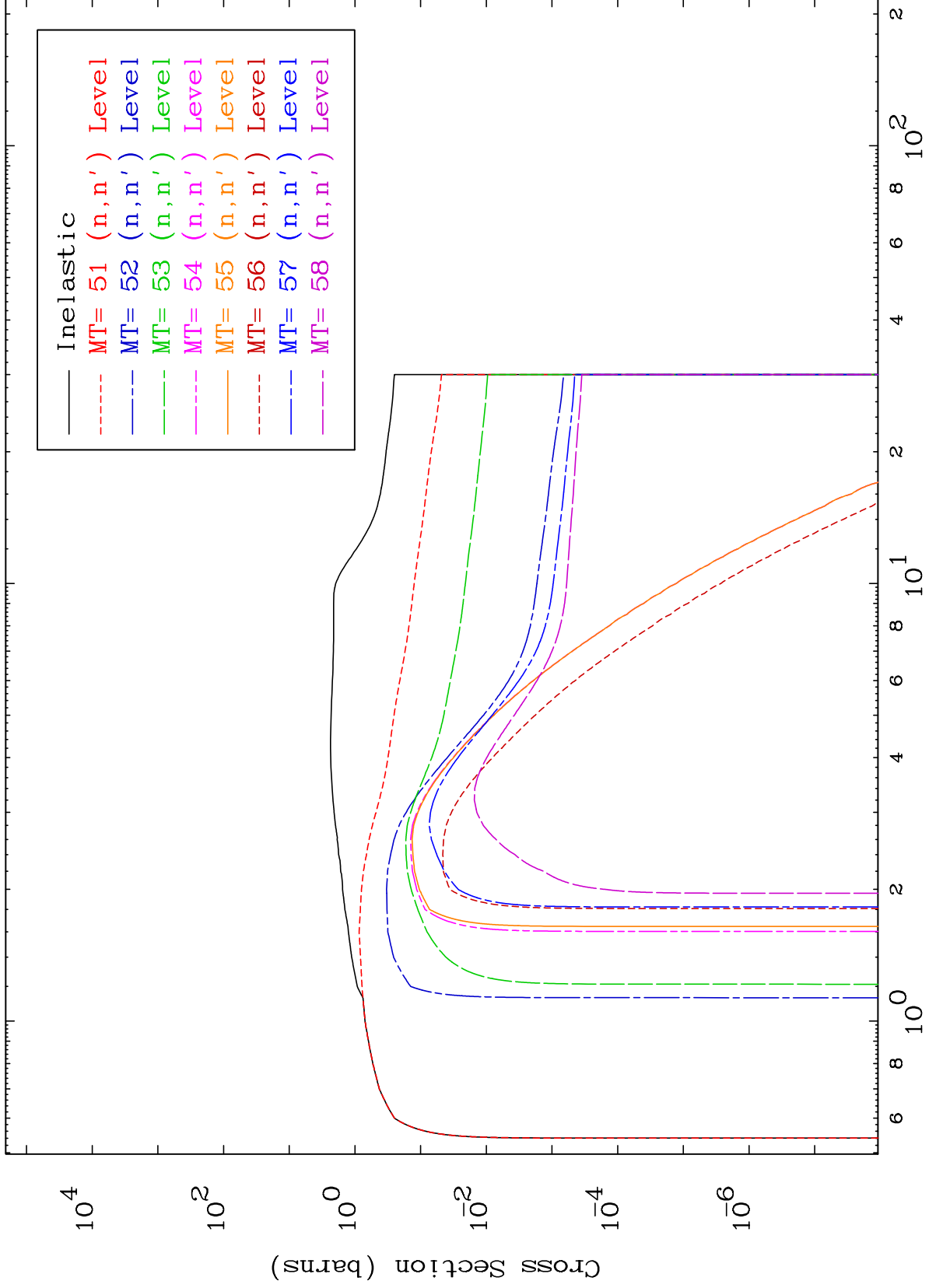


MAT 5443

(n,n') Levels

54-Xe-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

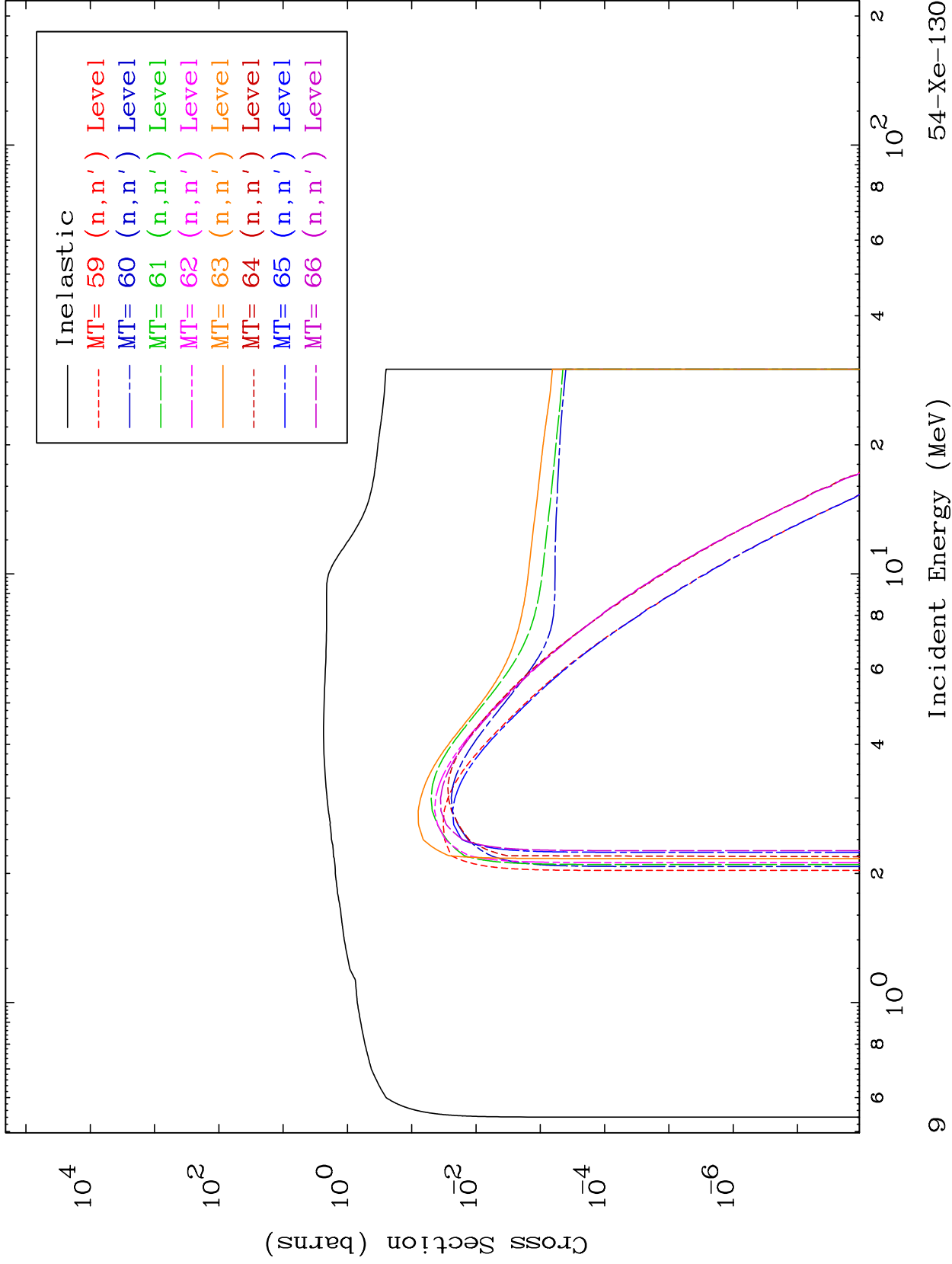
54-Xe-130

MAT 5443

(n,n') Levels

293 Kelvin Cross Sections

54-Xe-130

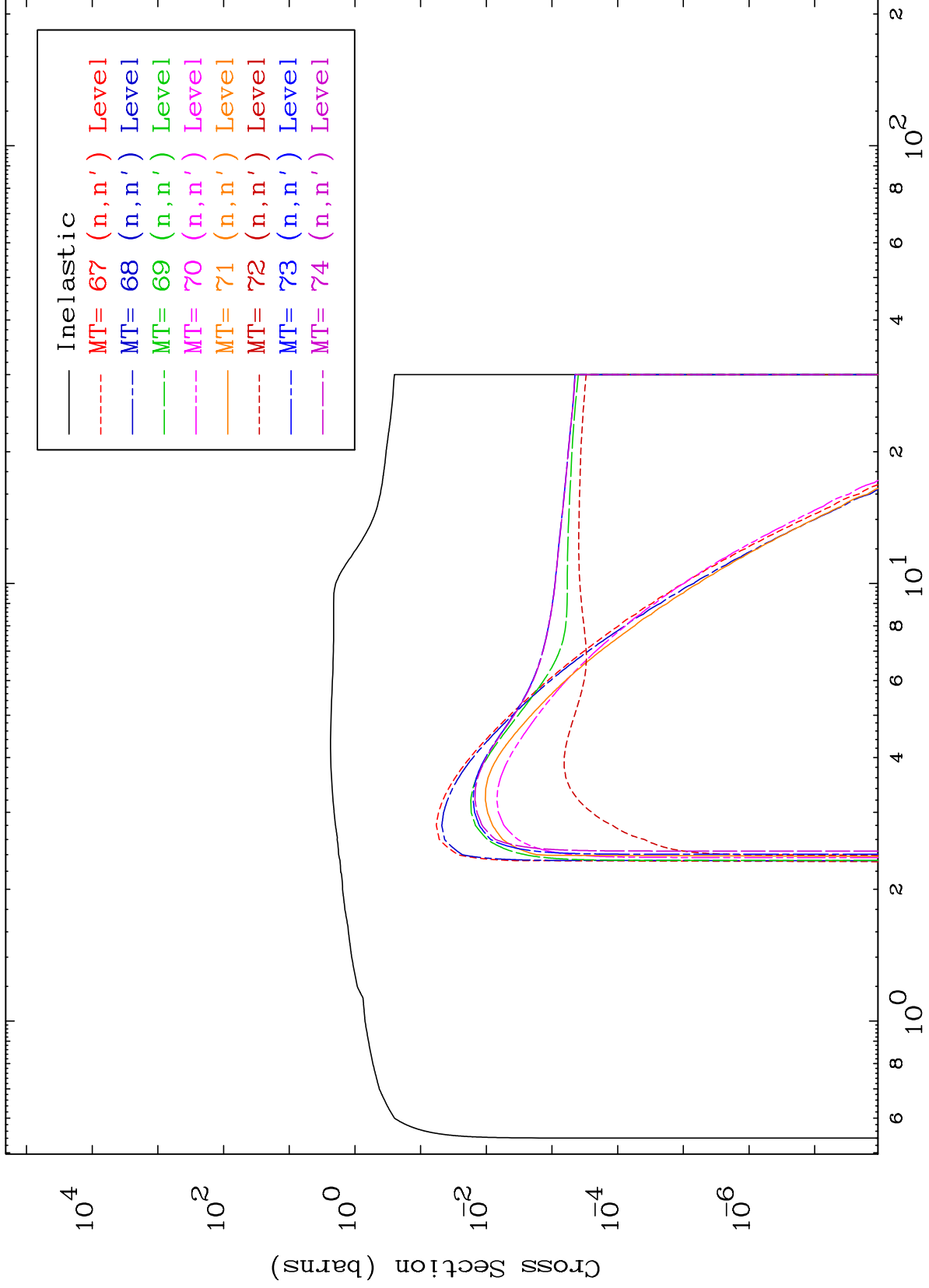


MAT 5443

(n,n') Levels

54-Xe-130

293 Kelvin Cross Sections

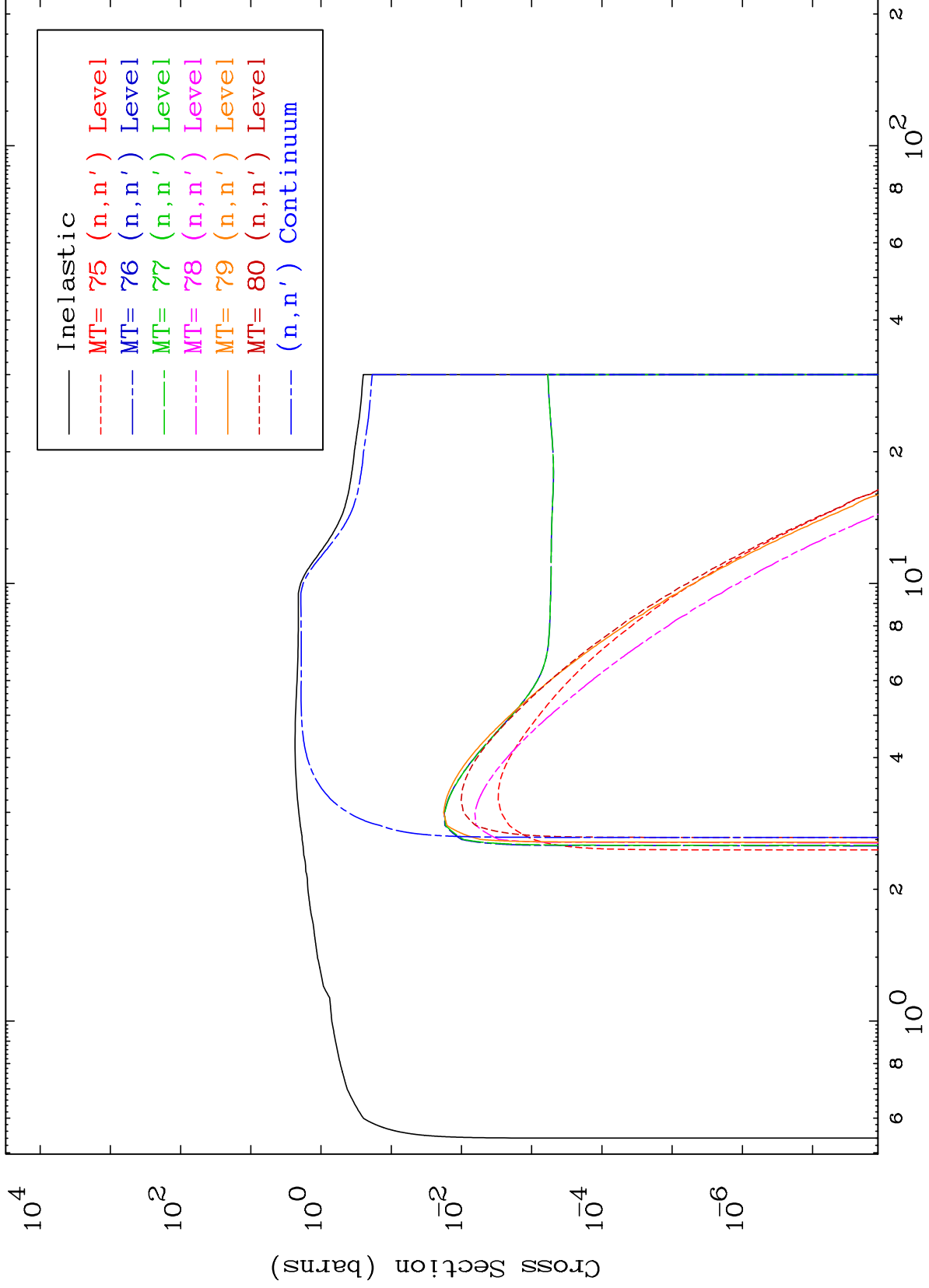


10

Incident Energy (MeV)

54-Xe-130

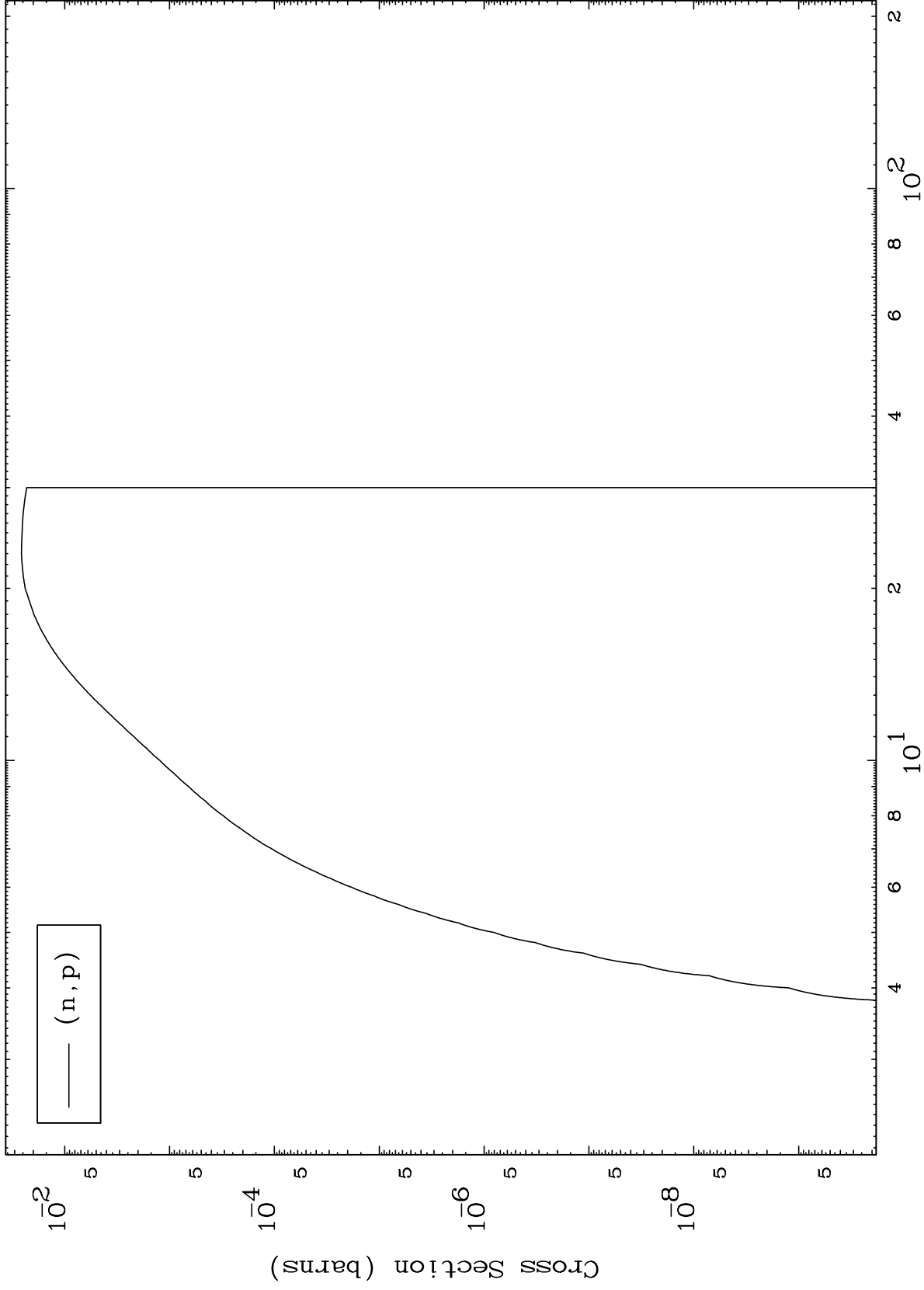
293 Kelvin Cross Sections



MAT 5443

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-130



12

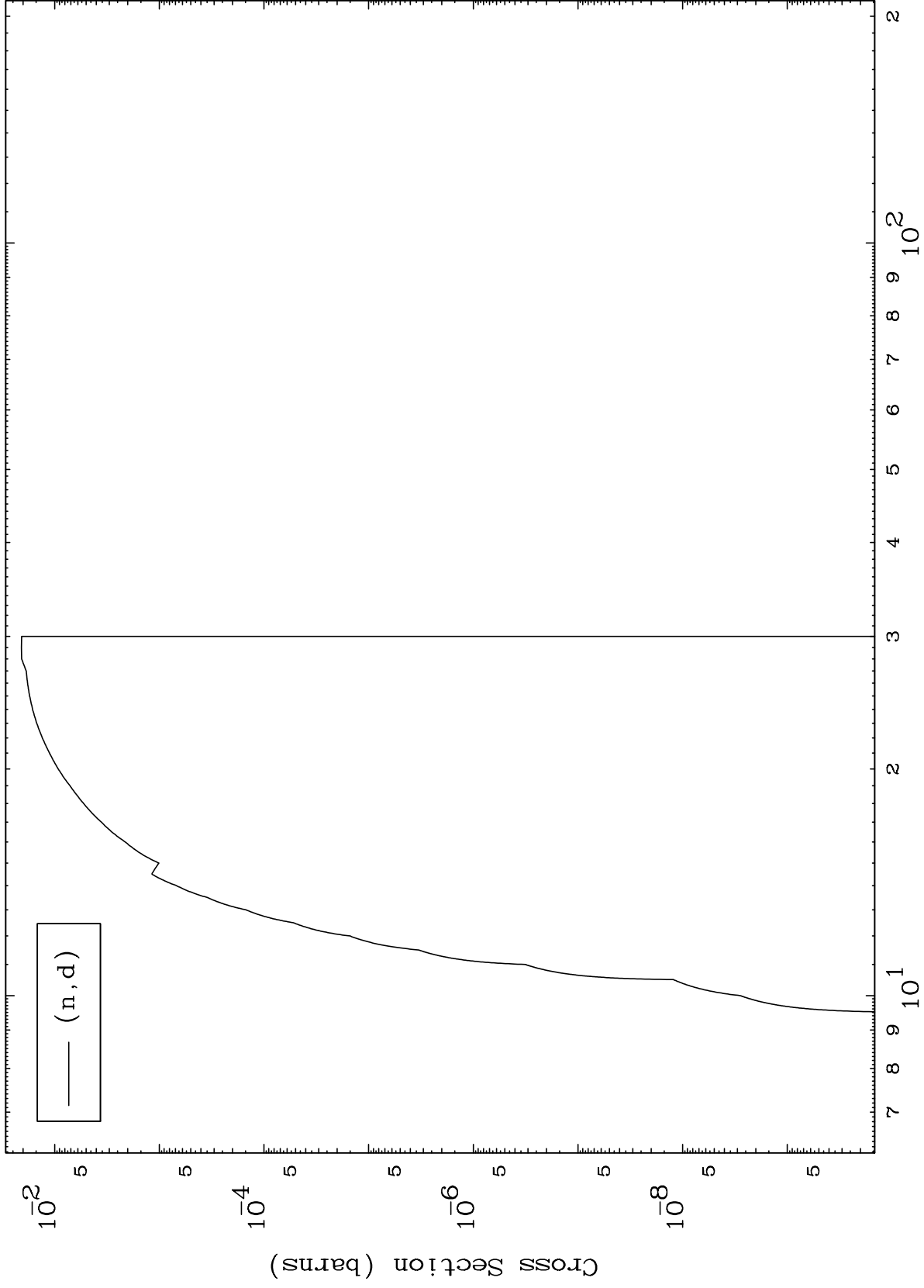
Incident Energy (MeV)

54-Xe-130

MAT 5443

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-130



13

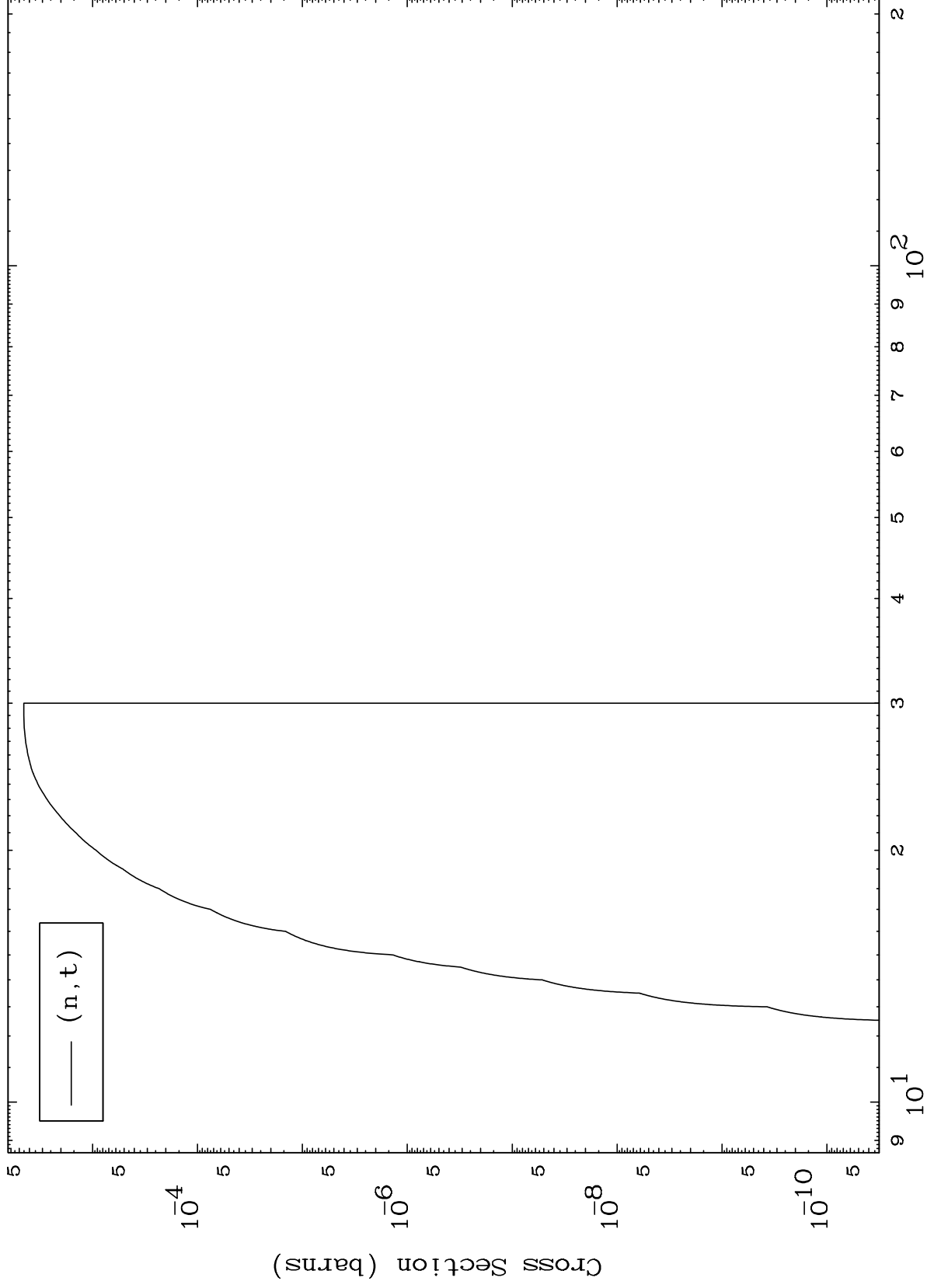
Incident Energy (MeV)

54-Xe-130

MAT 5443

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-130



Incident Energy (MeV)

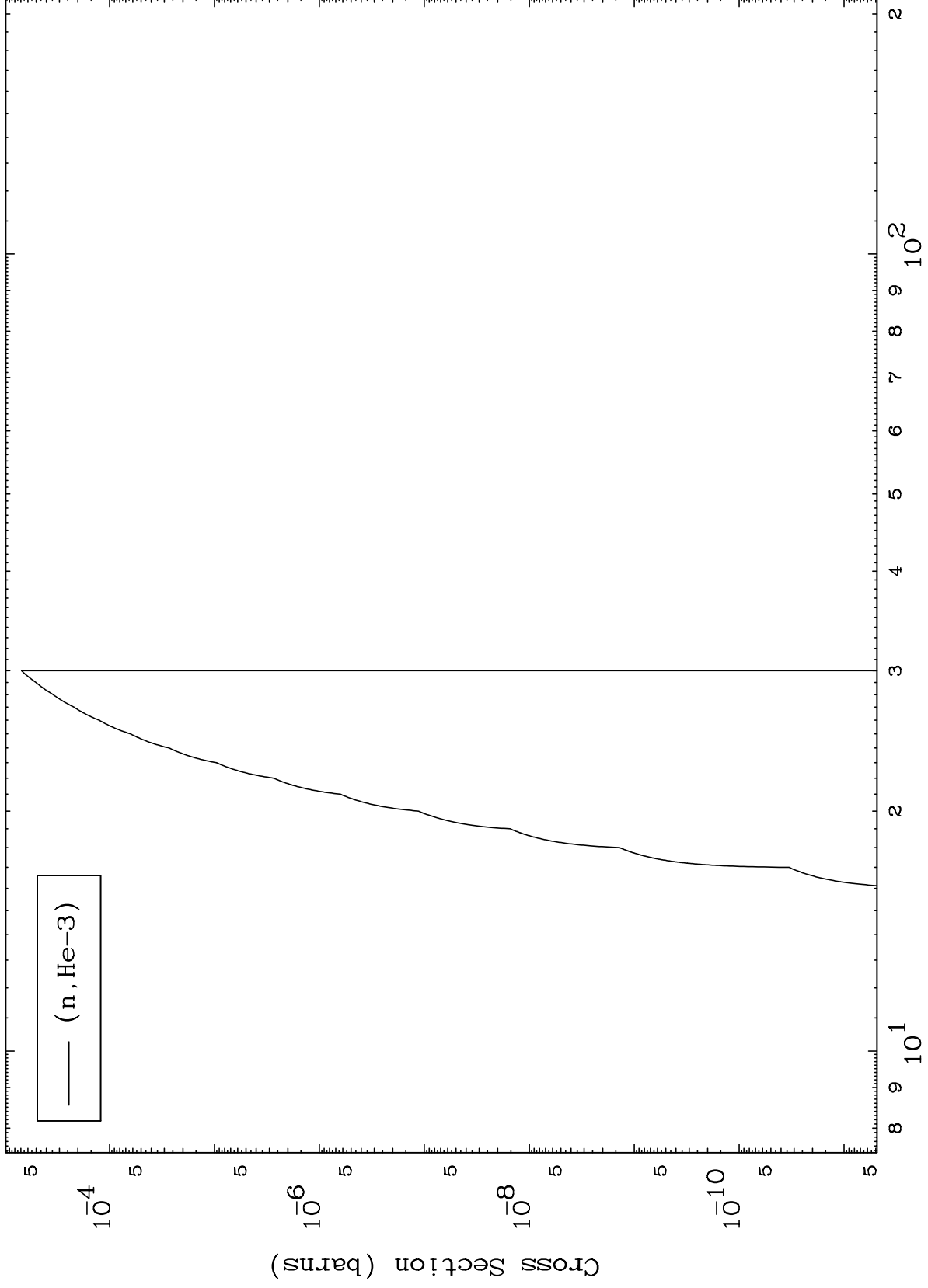
54-Xe-130

14

MAT 5443

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-130



15

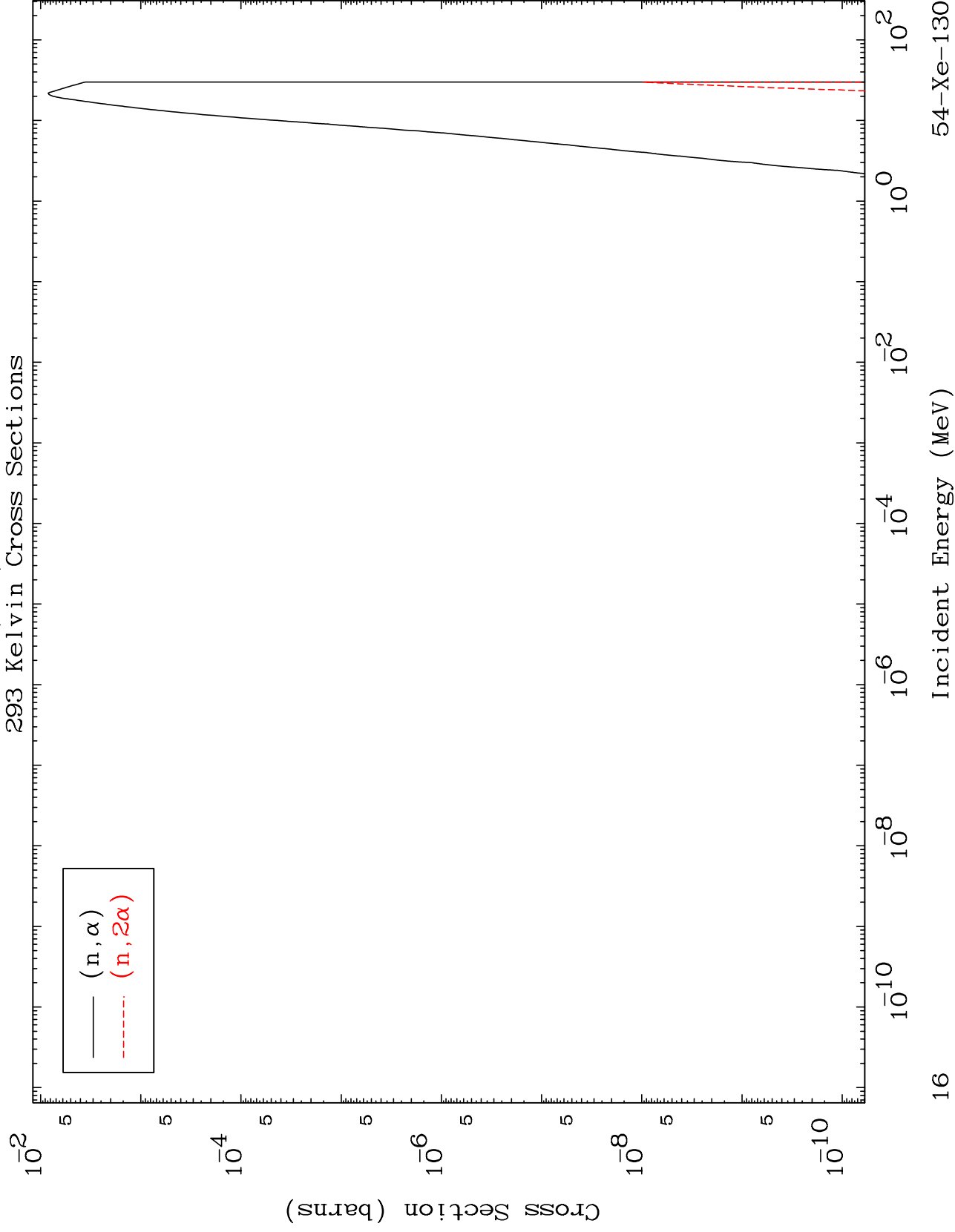
Incident Energy (MeV)

54-Xe-130

MAT 5443

(n, α) Levels
293 Kelvin Cross Sections

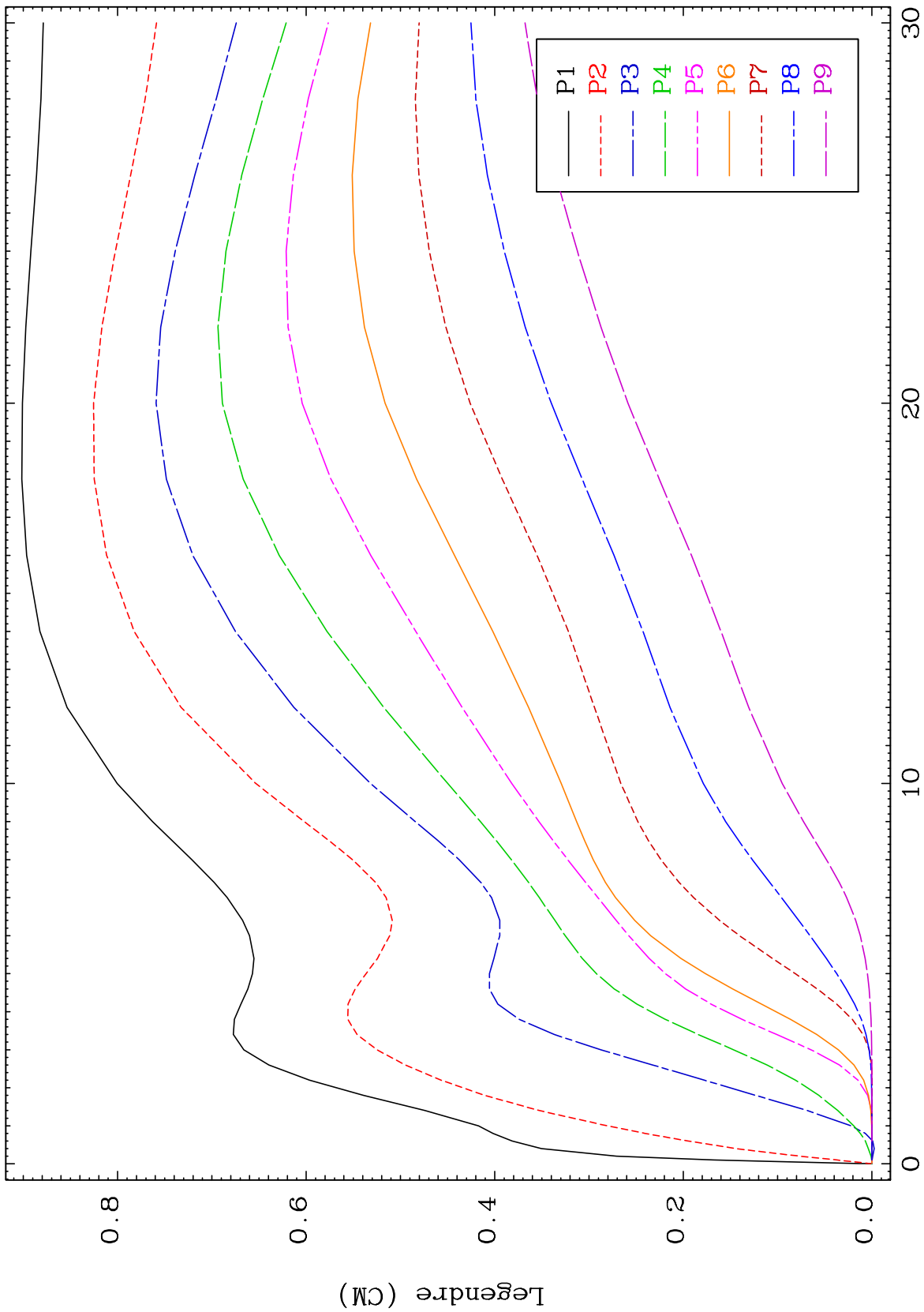
54-Xe-130



MAT 5443

54-Xe-130

Elastic Legendre Coefficients



17

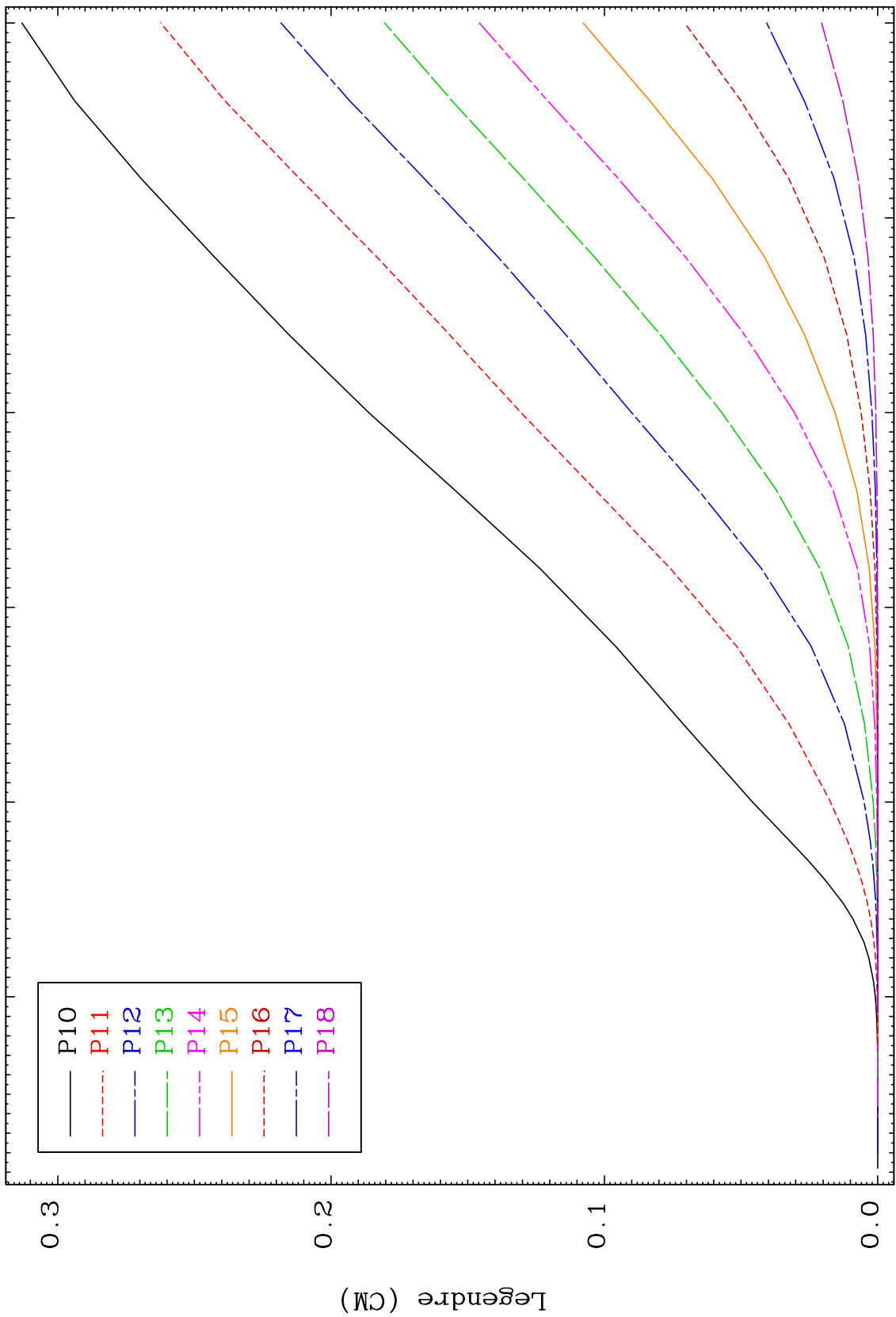
Incident Energy (MeV)

54-Xe-130

MAT 5443

Elastic Legendre Coefficients

54-Xe-130



18

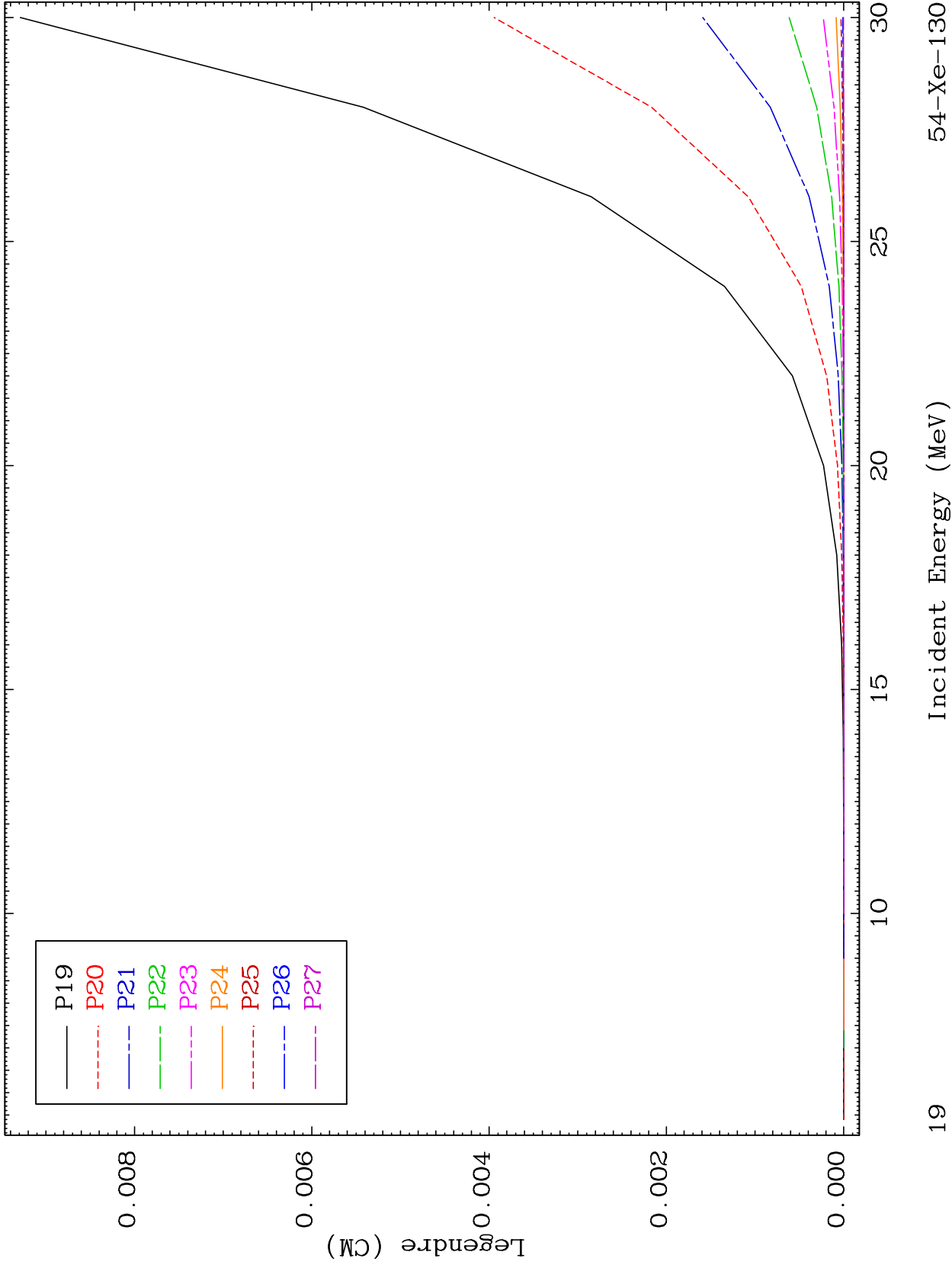
Incident Energy (MeV)

54-Xe-130

MAT 5443

Elastic Legendre Coefficients

54-Xe-130



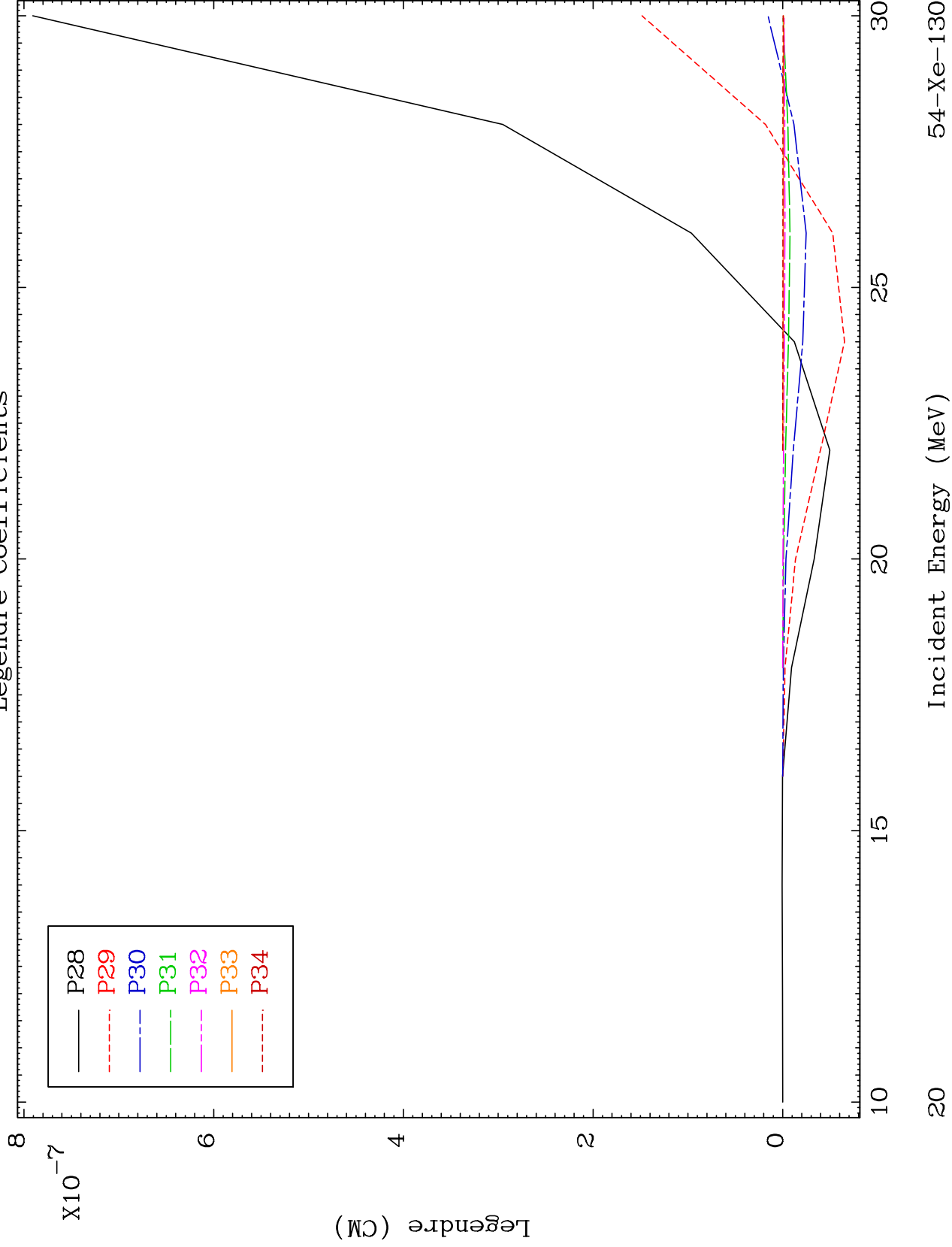
19

54-Xe-130

MAT 5443

Elastic Legendre Coefficients

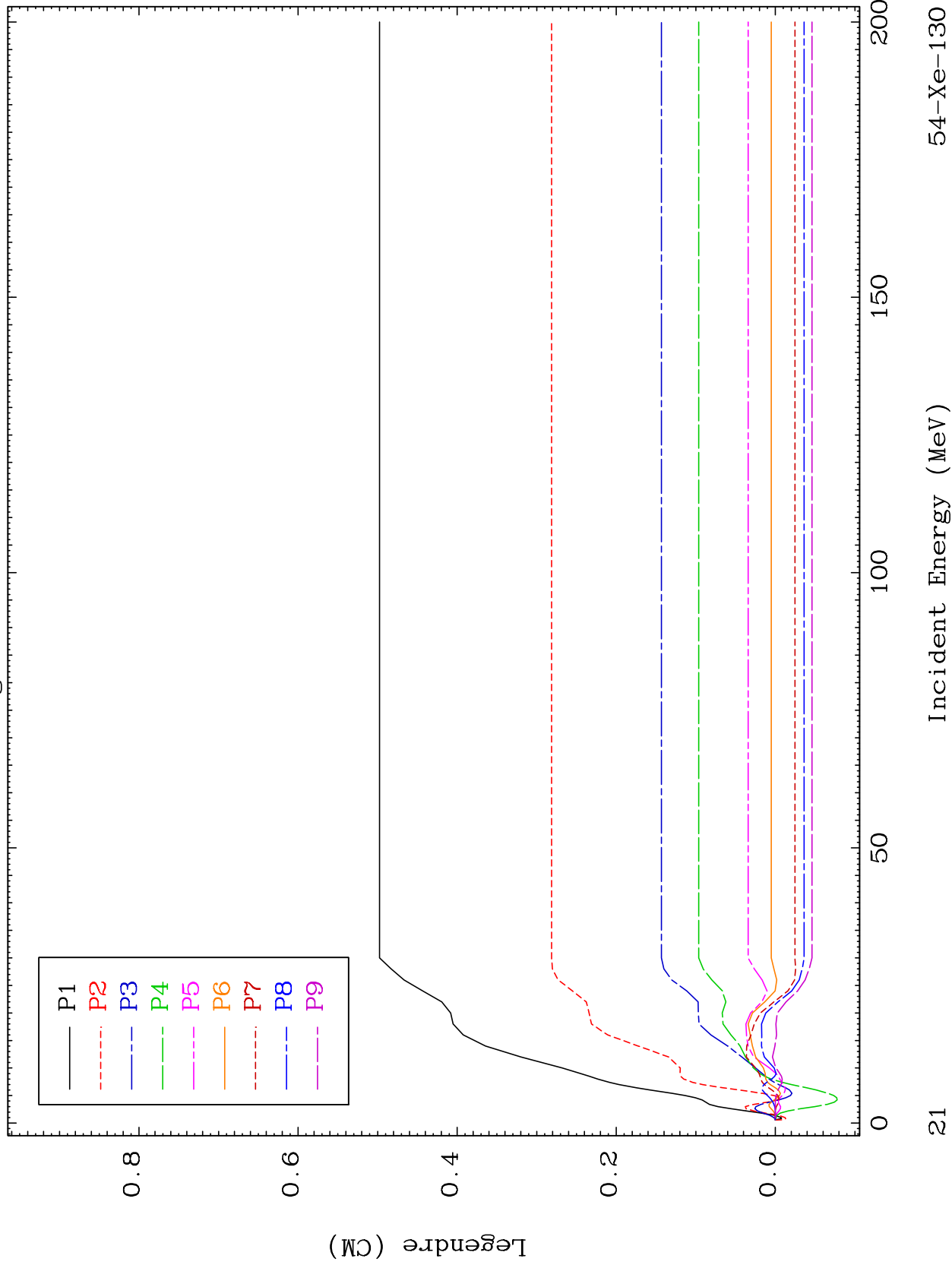
54-Xe-130



MAT 5443

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

54-Xe-130



21

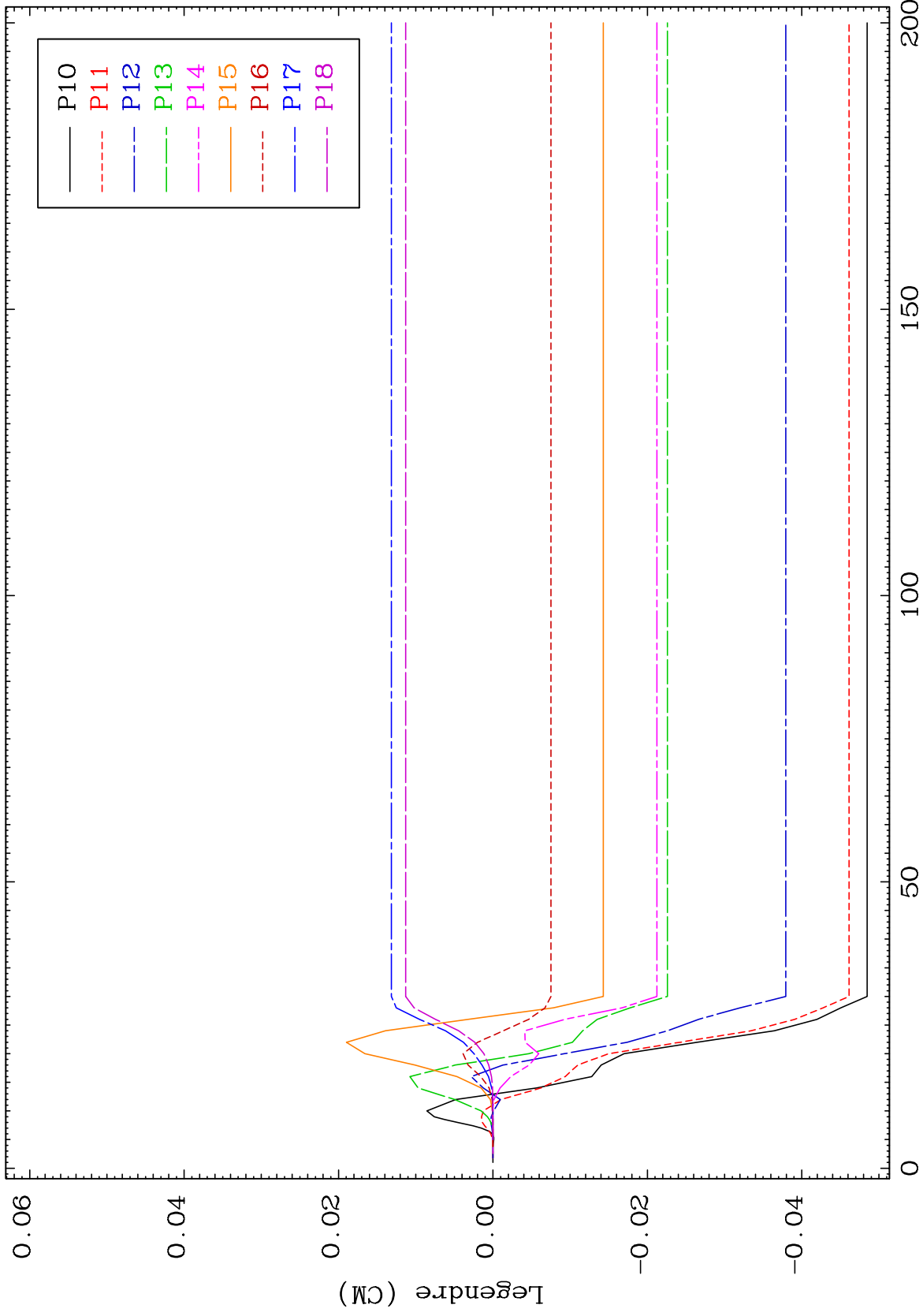
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



22

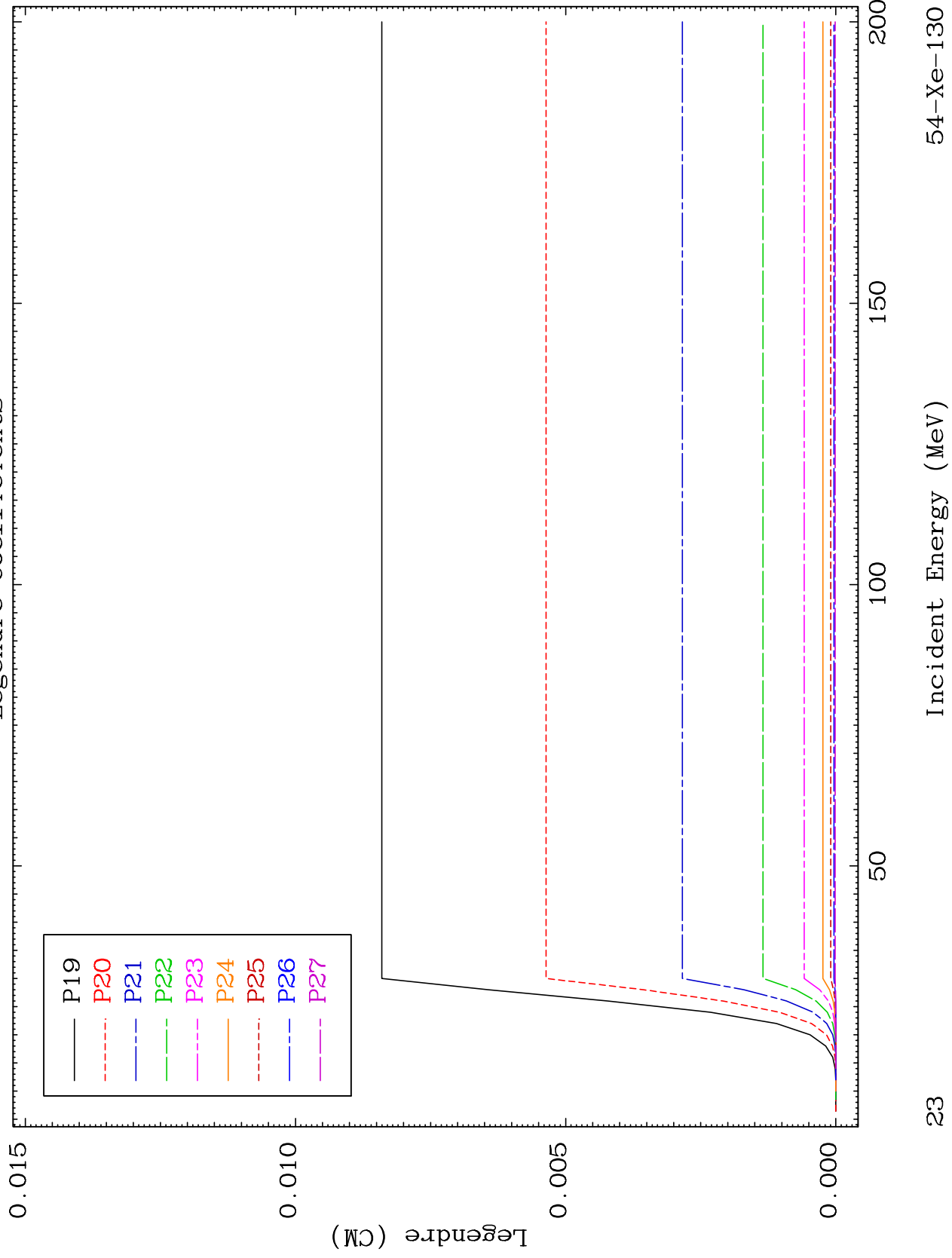
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



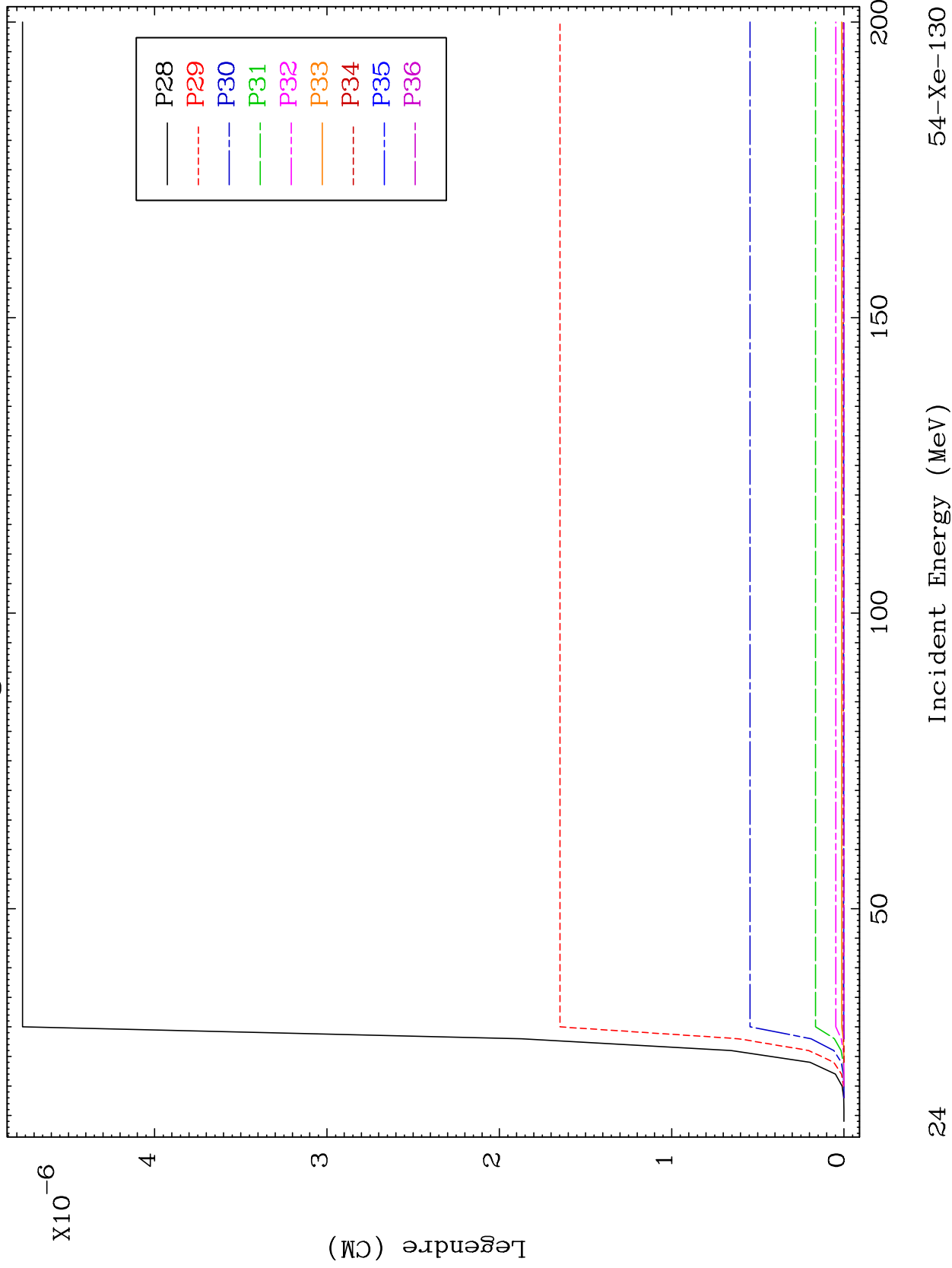
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54-Xe-130

MAT 5443

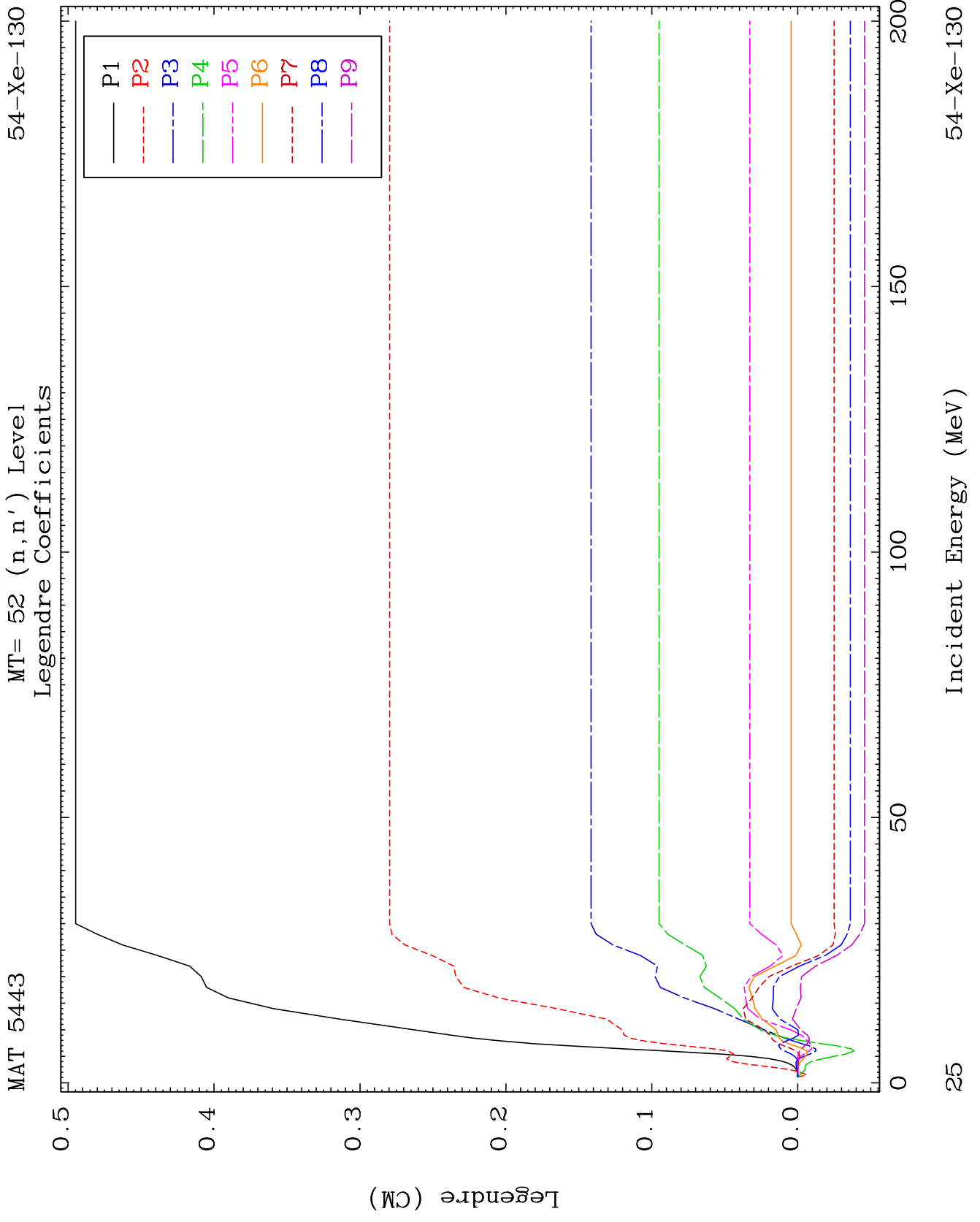
MT= 51 (n,n') Level
Legendre Coefficients

54-Xe-130



24

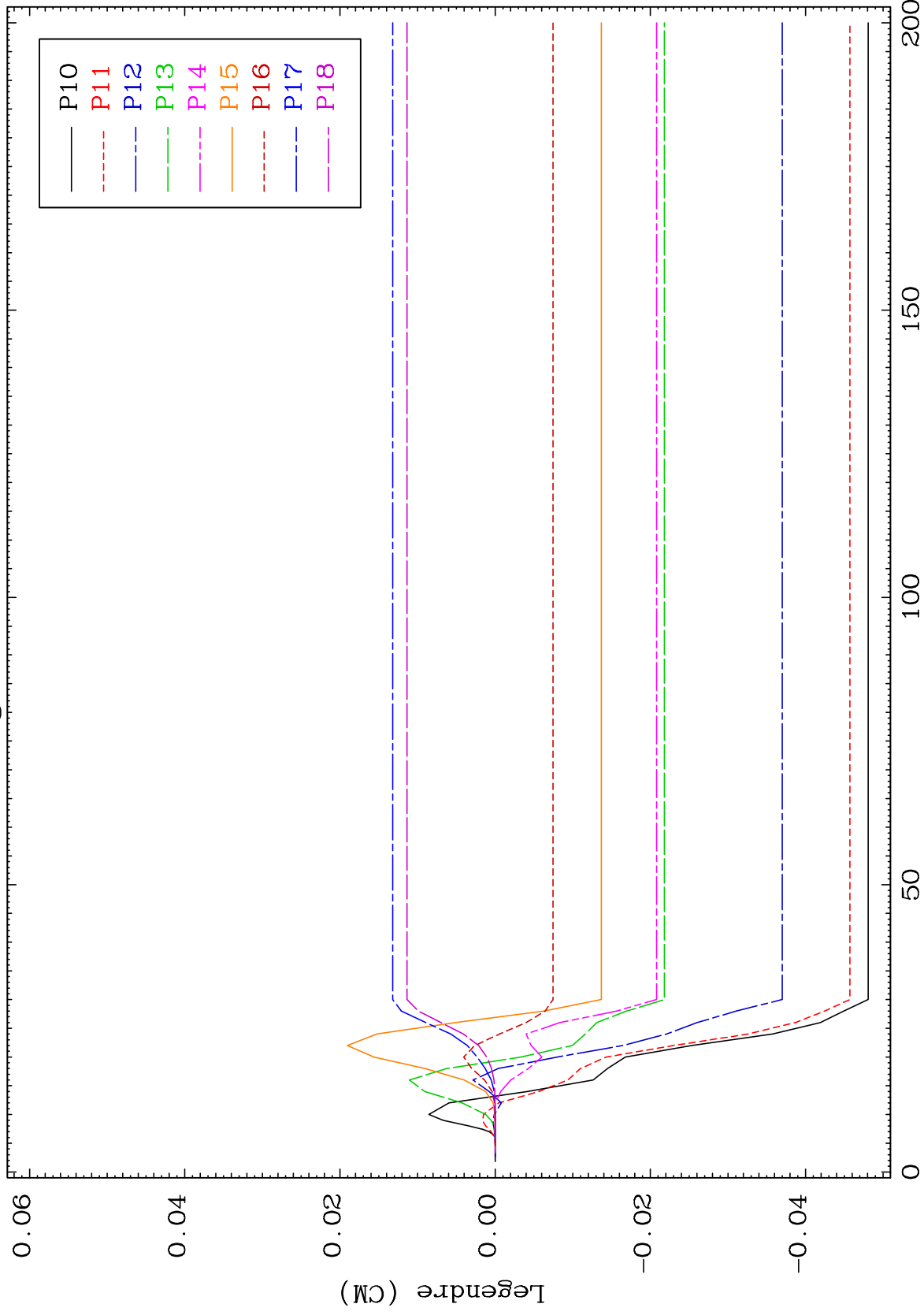
54-Xe-130



MAT 5443

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

54-Xe-130



26

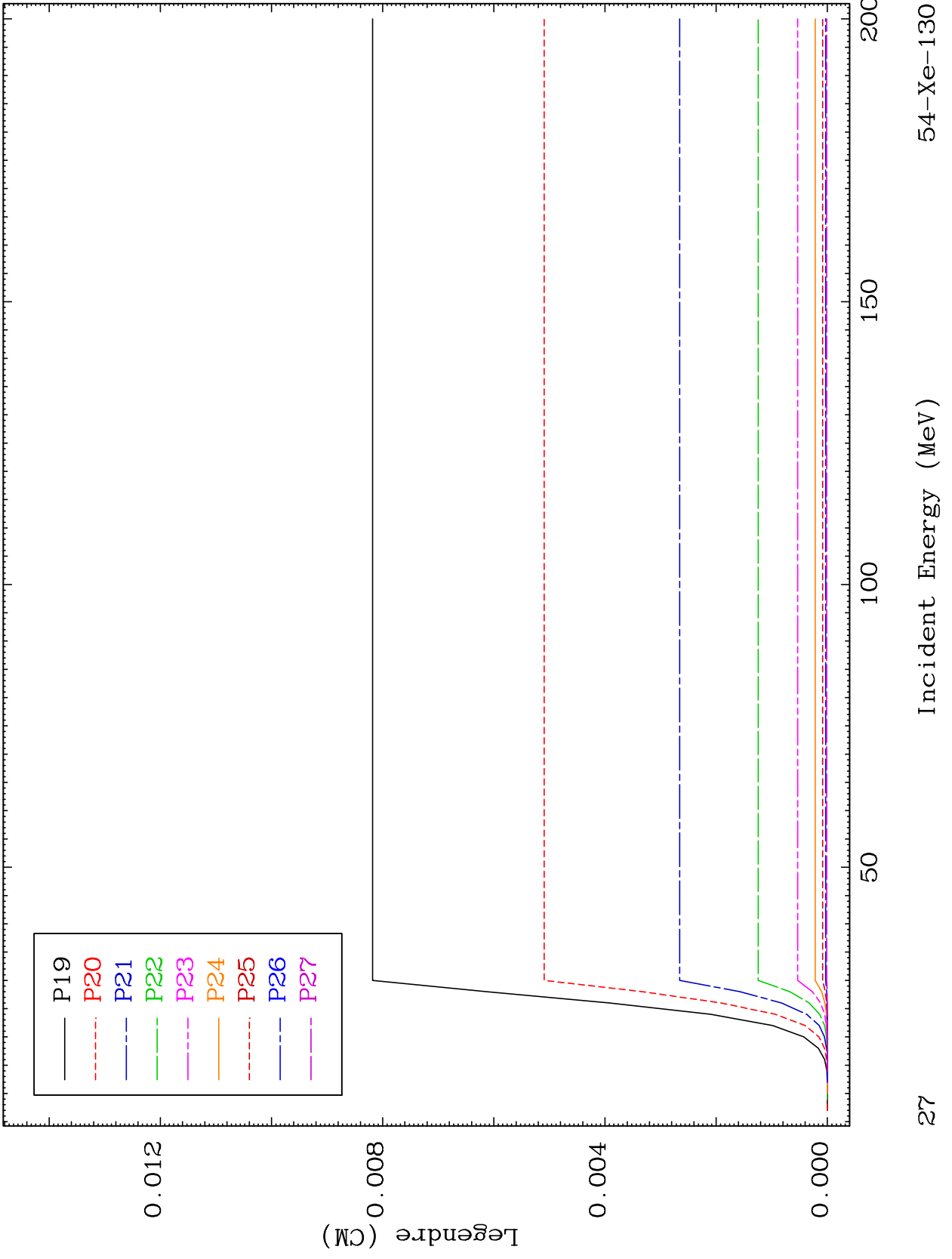
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



27

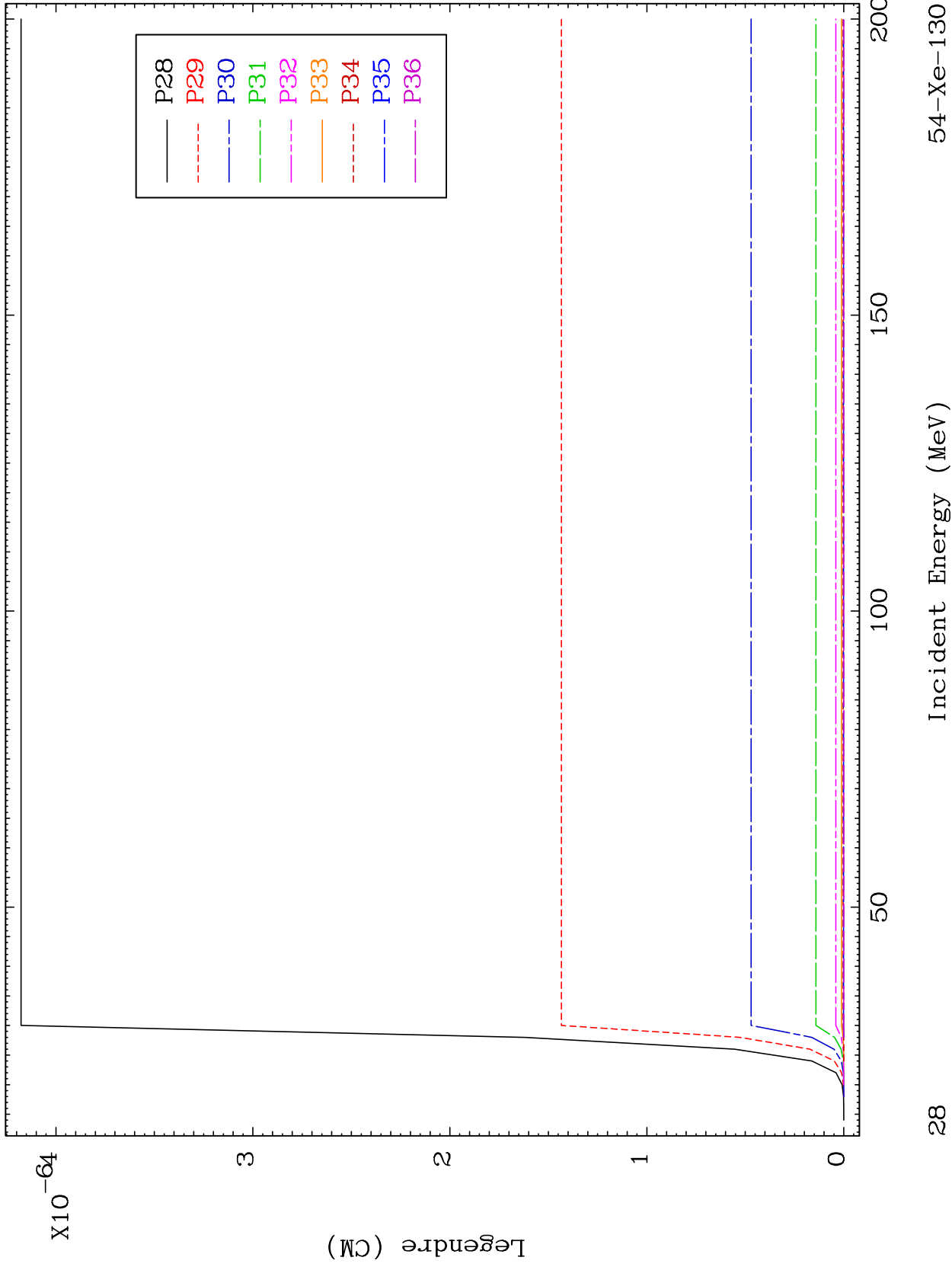
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

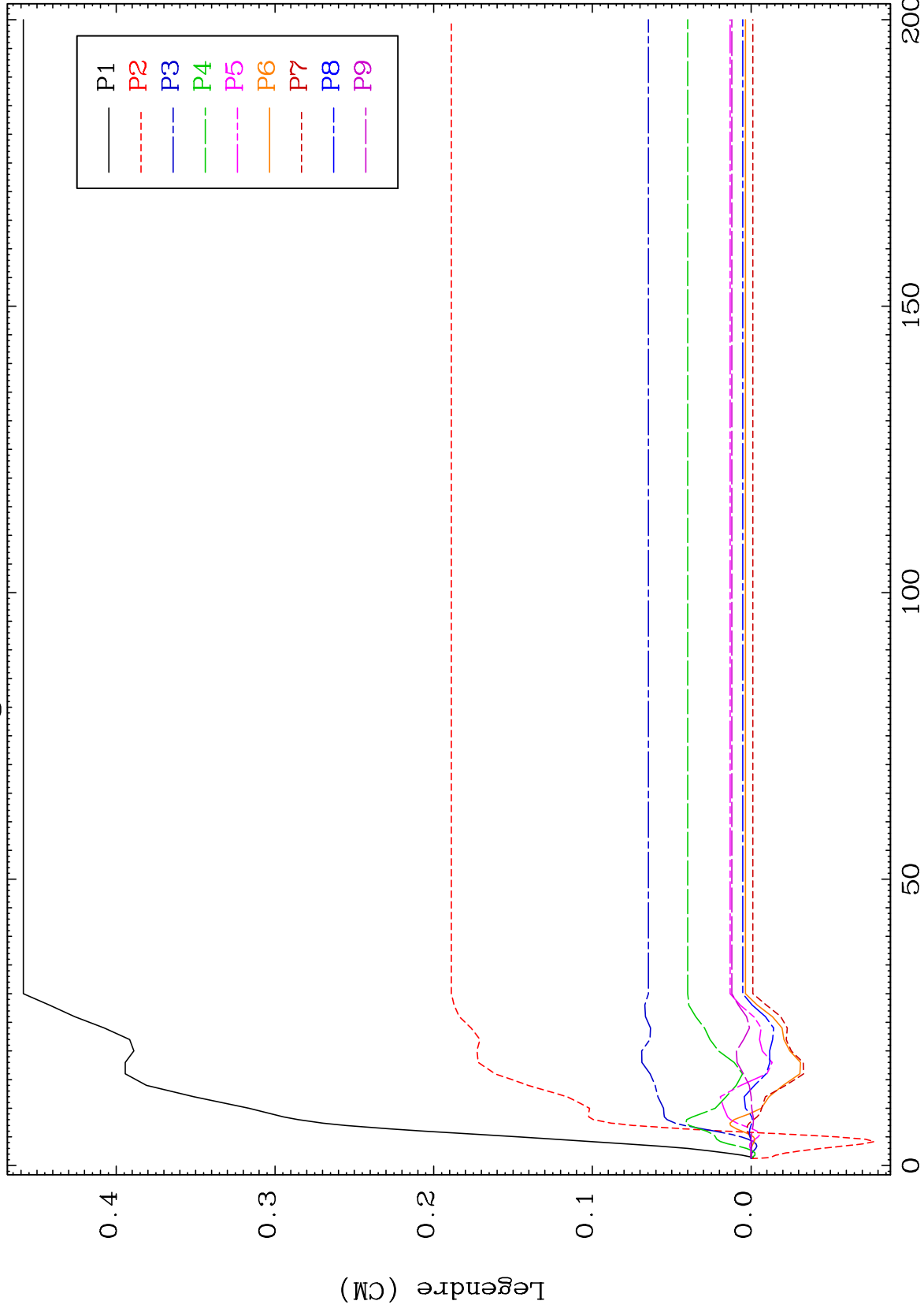
54-Xe-130



MAT 5443

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

54-Xe-130



29

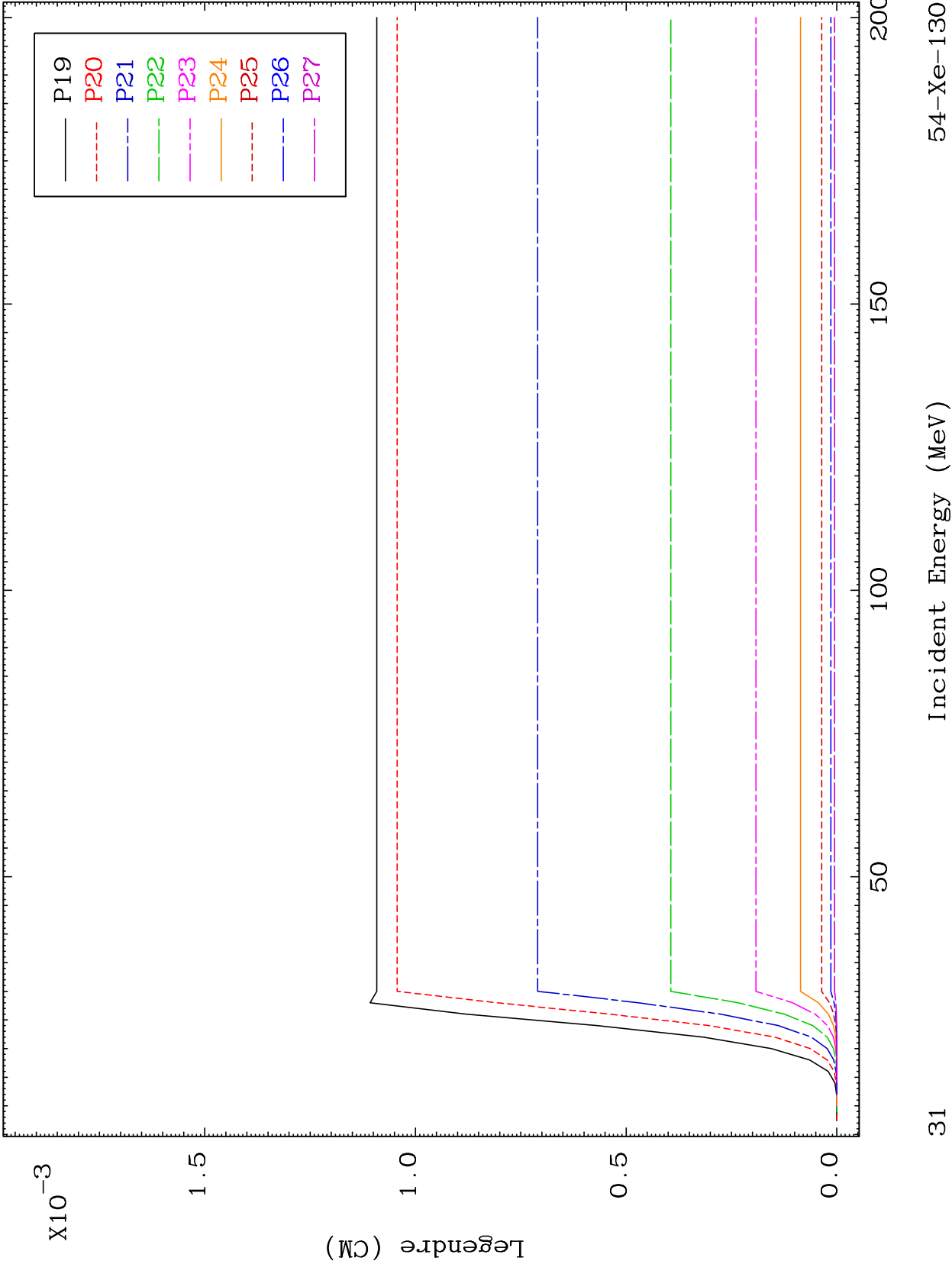
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



31

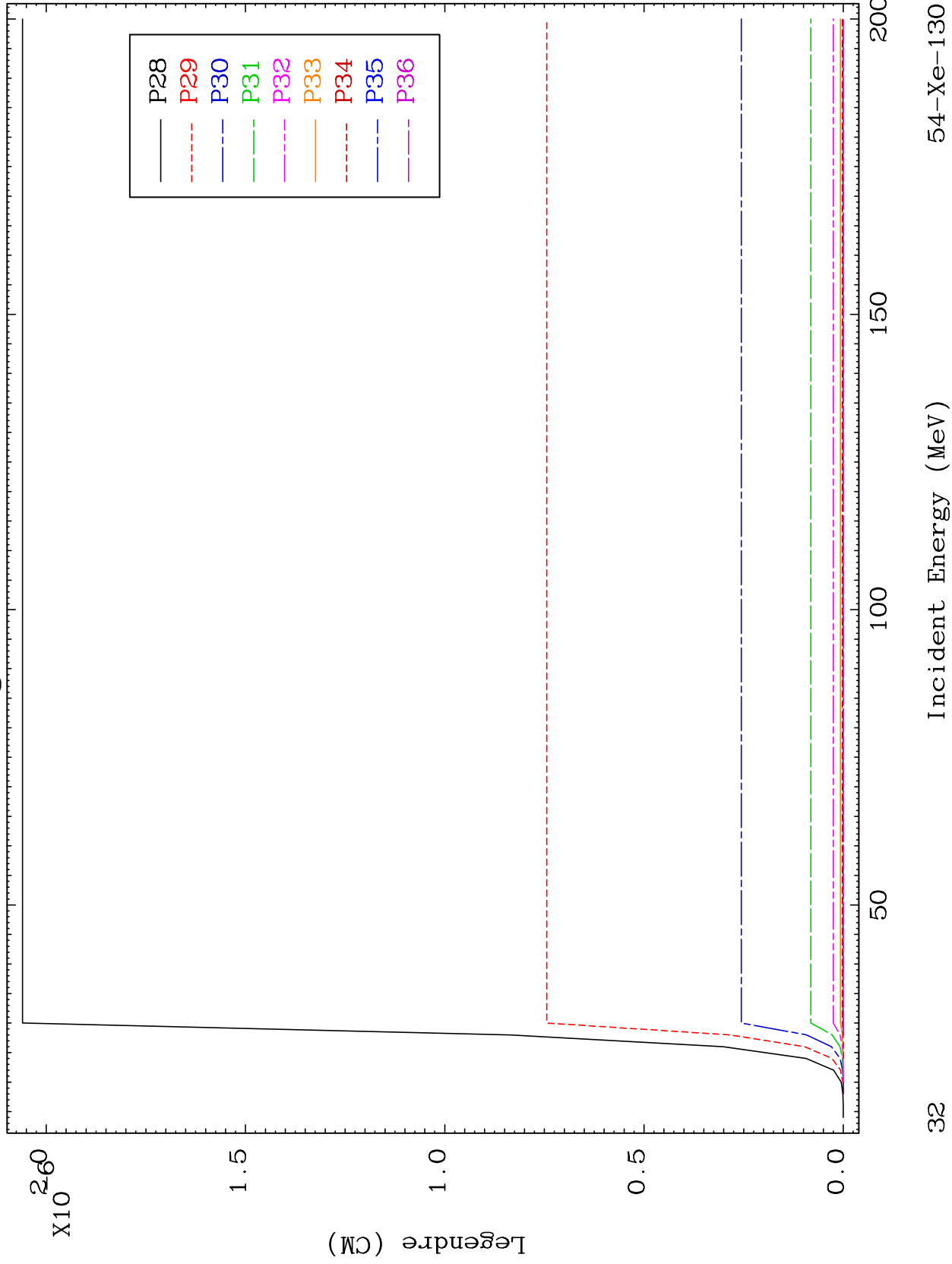
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130

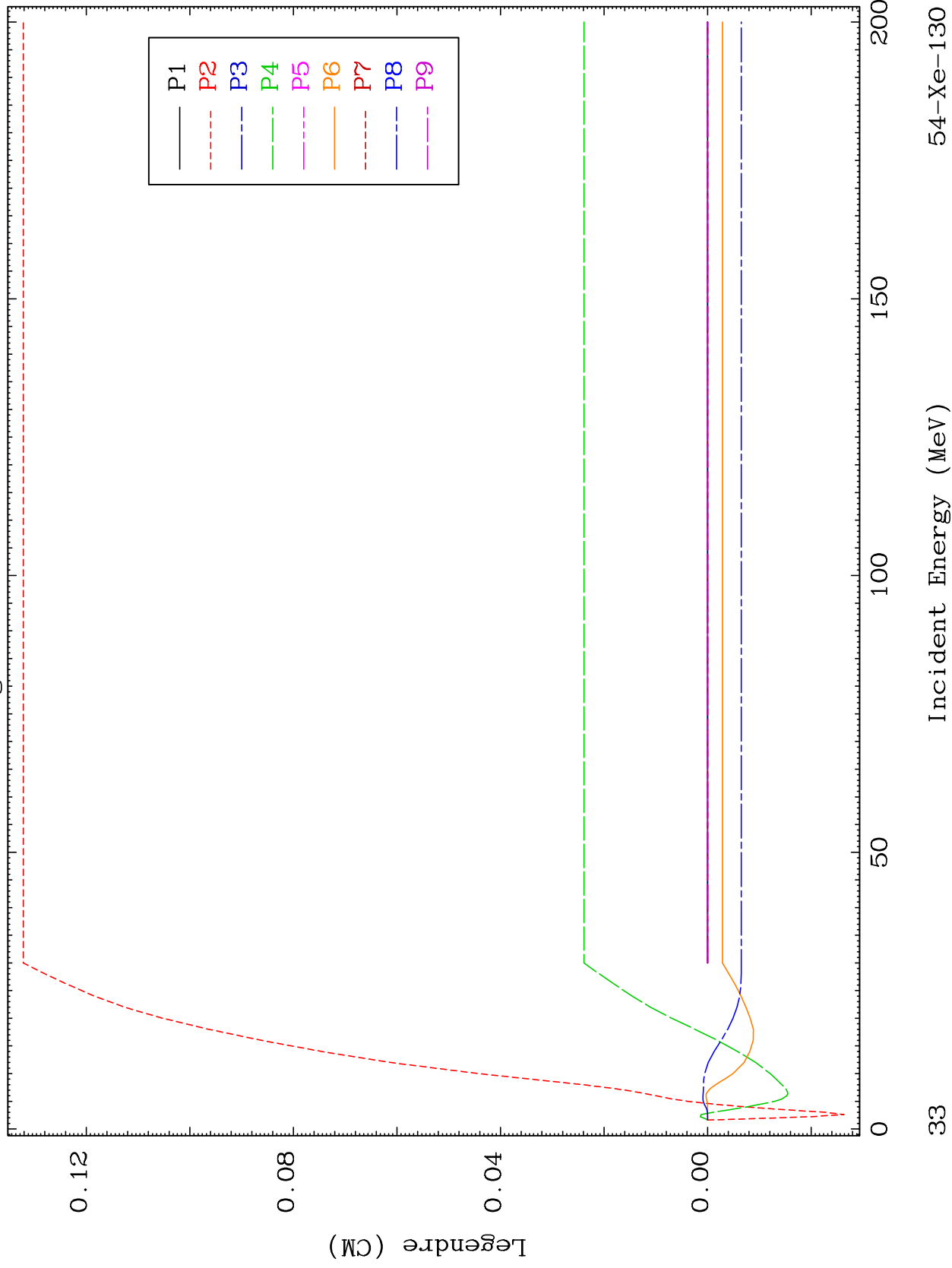


32

MAT 5443

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

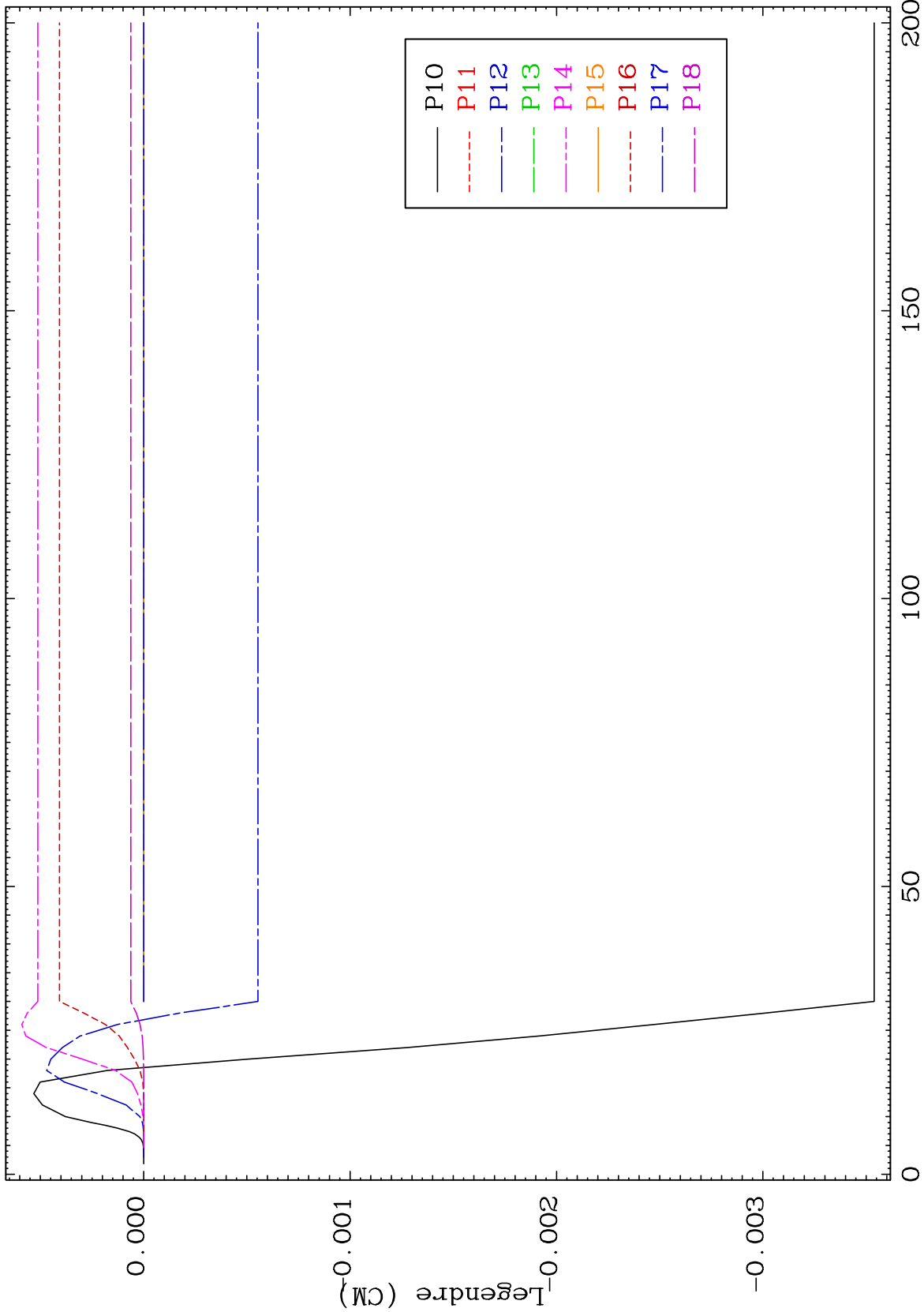
54-Xe-130



MAT 5443

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

54-Xe-130



34

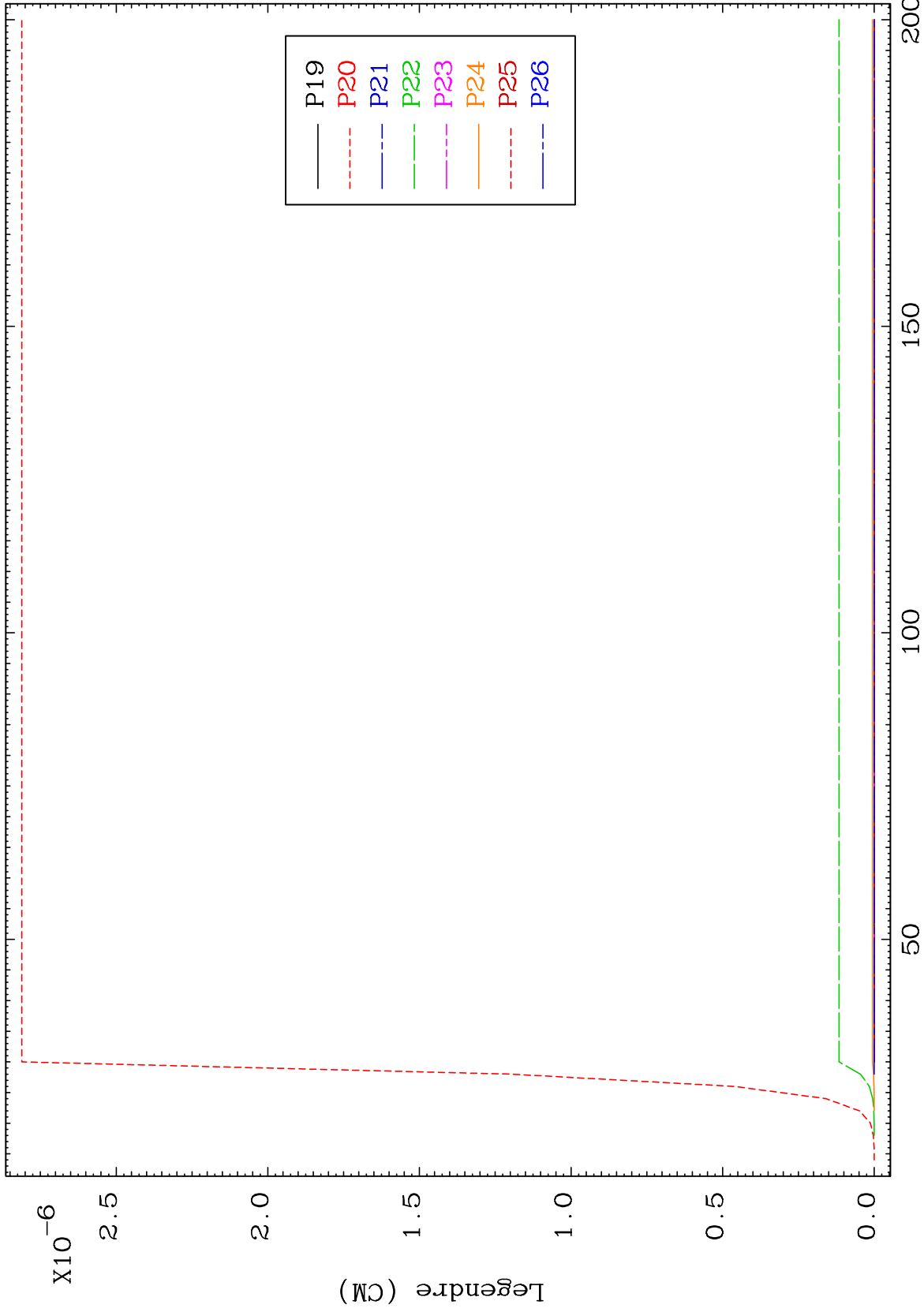
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



35

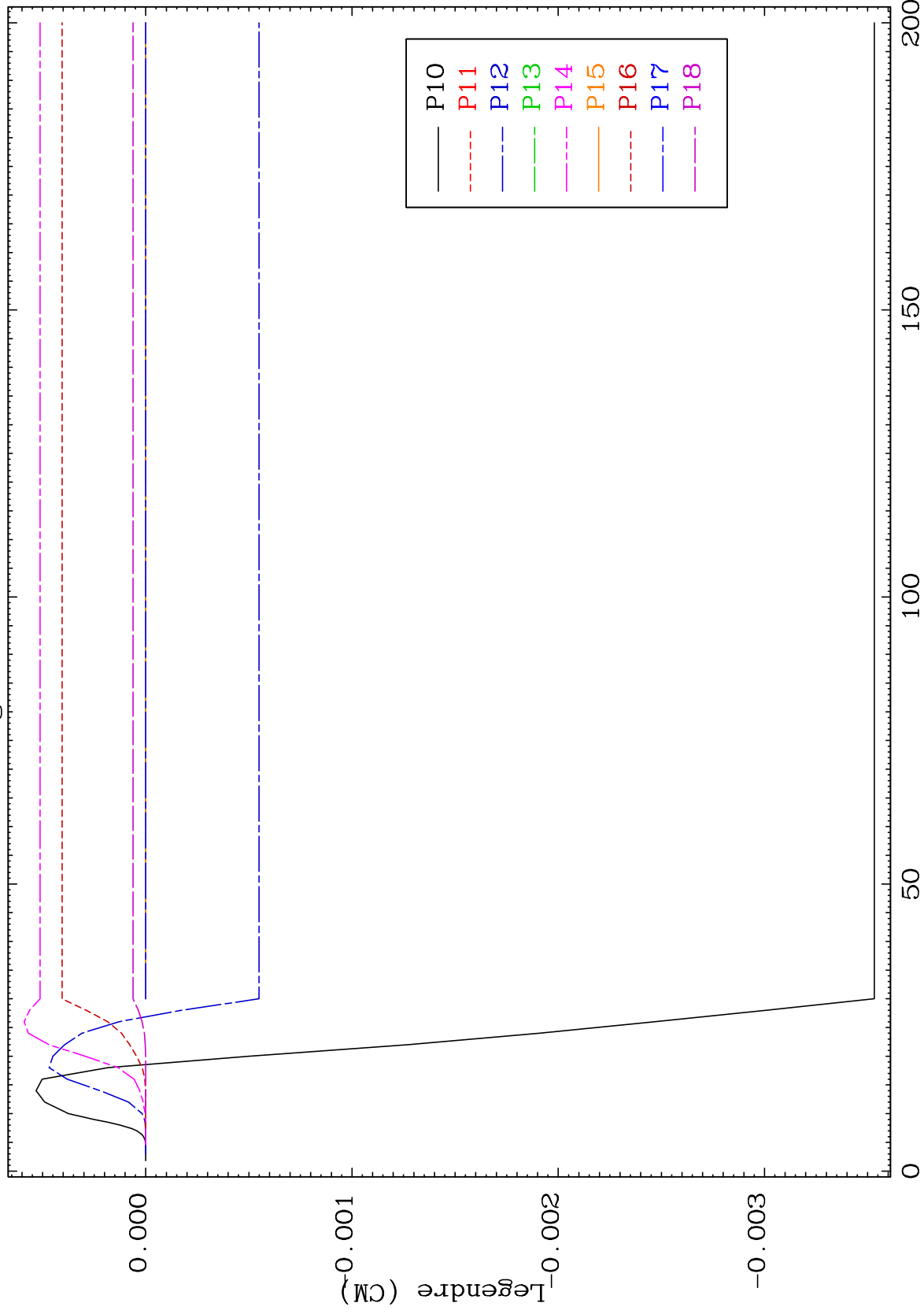
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

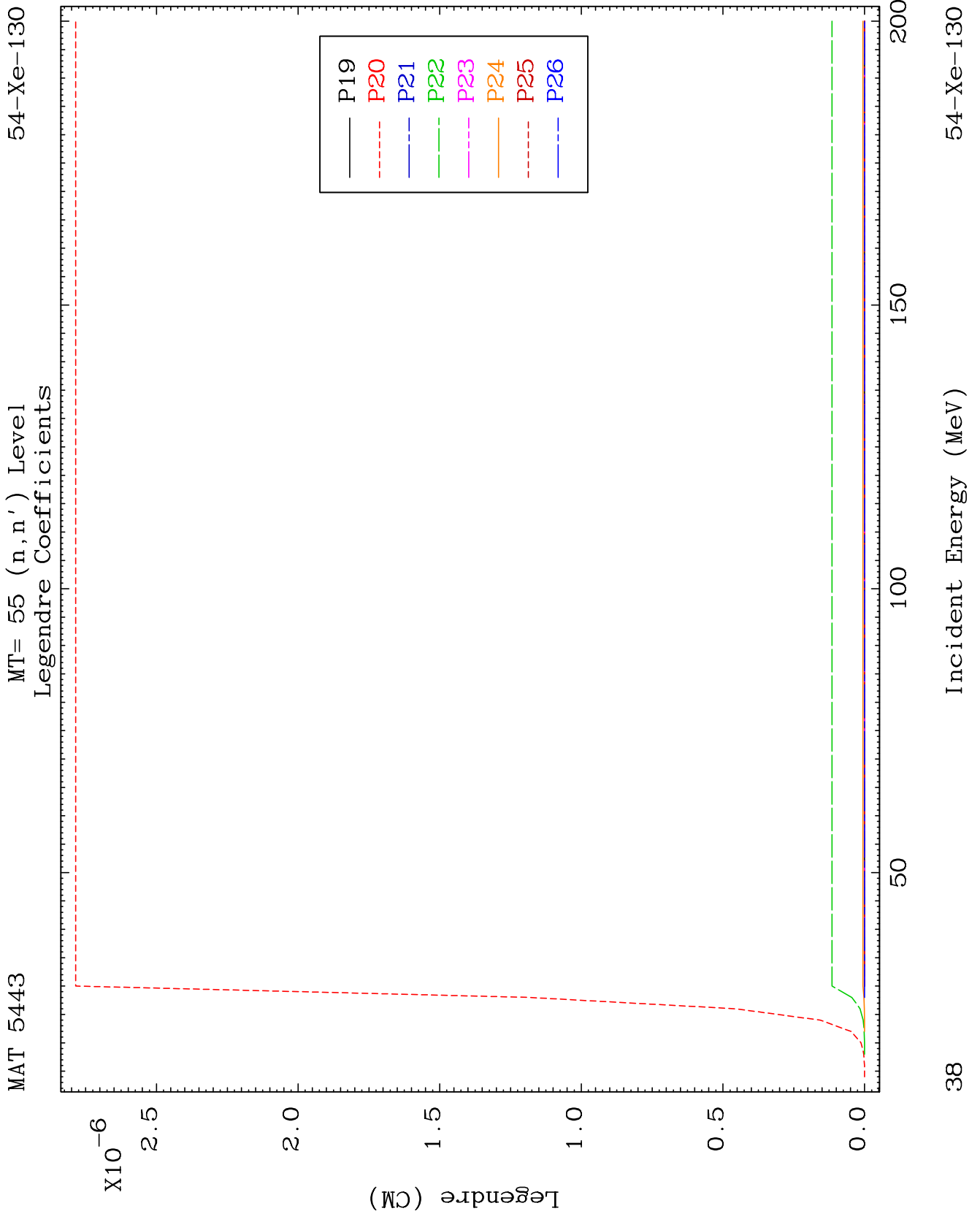
54-Xe-130



37

Incident Energy (MeV)

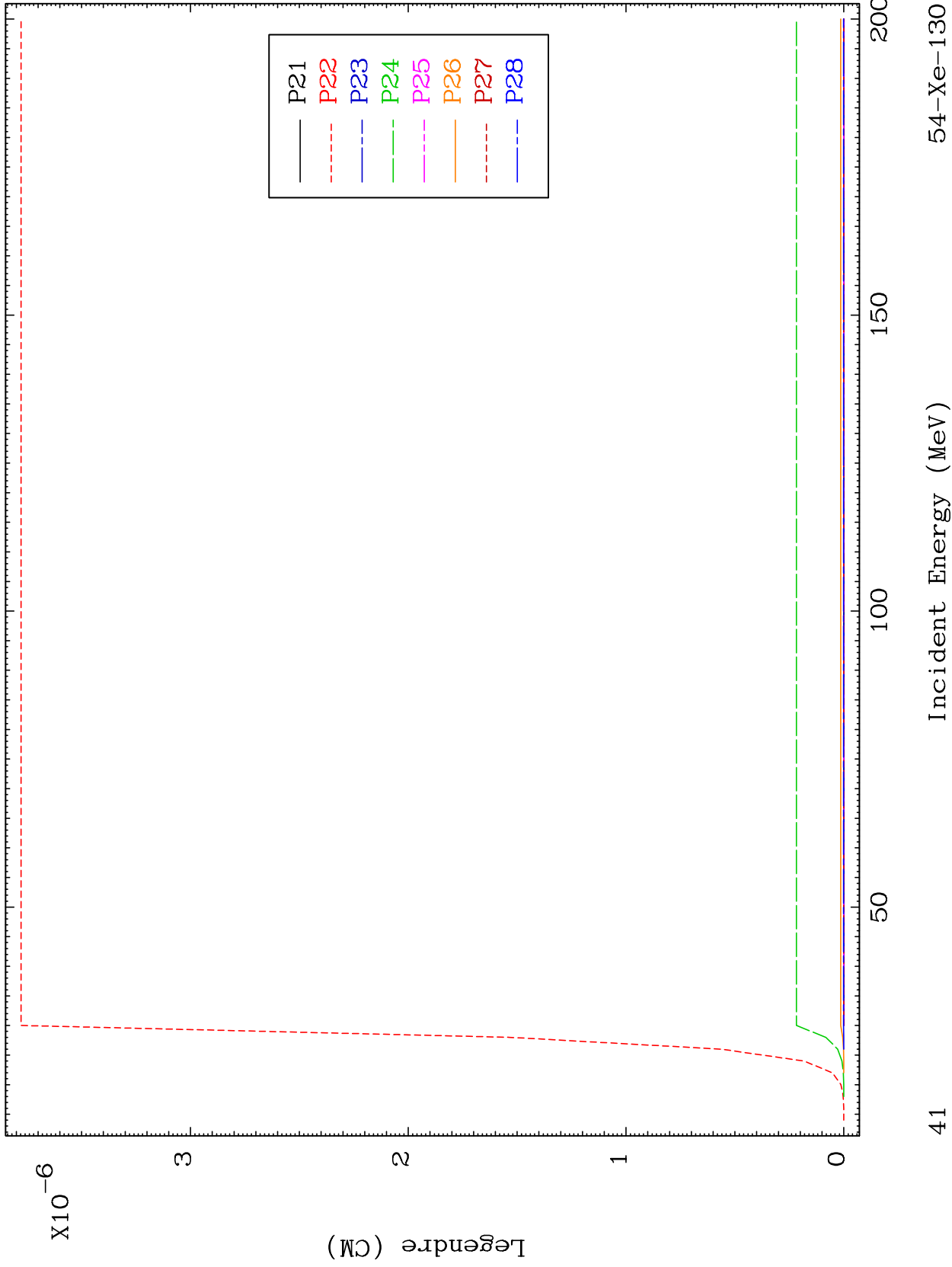
54-Xe-130



MAT 5443

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

54-Xe-130



41

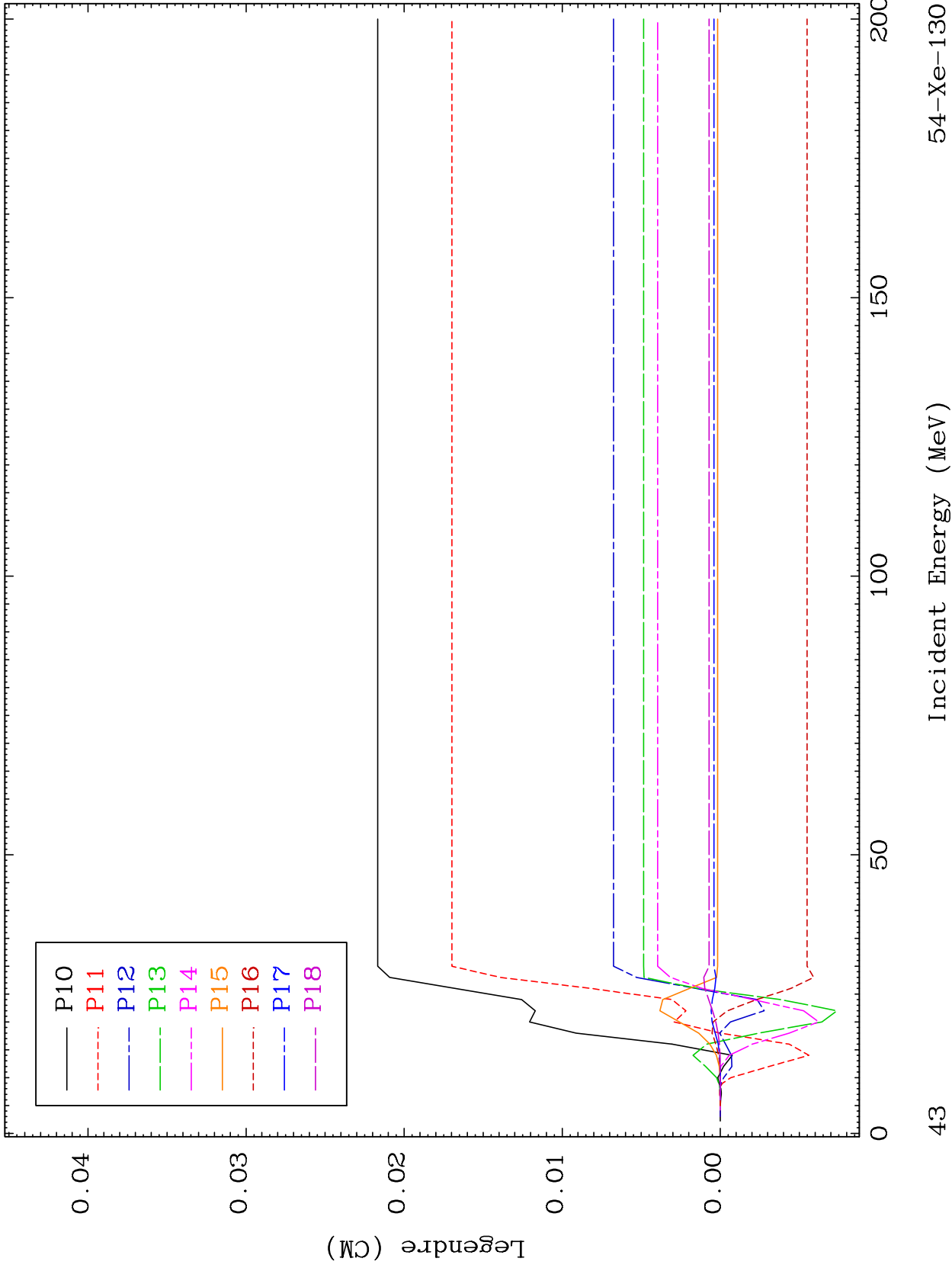
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



43

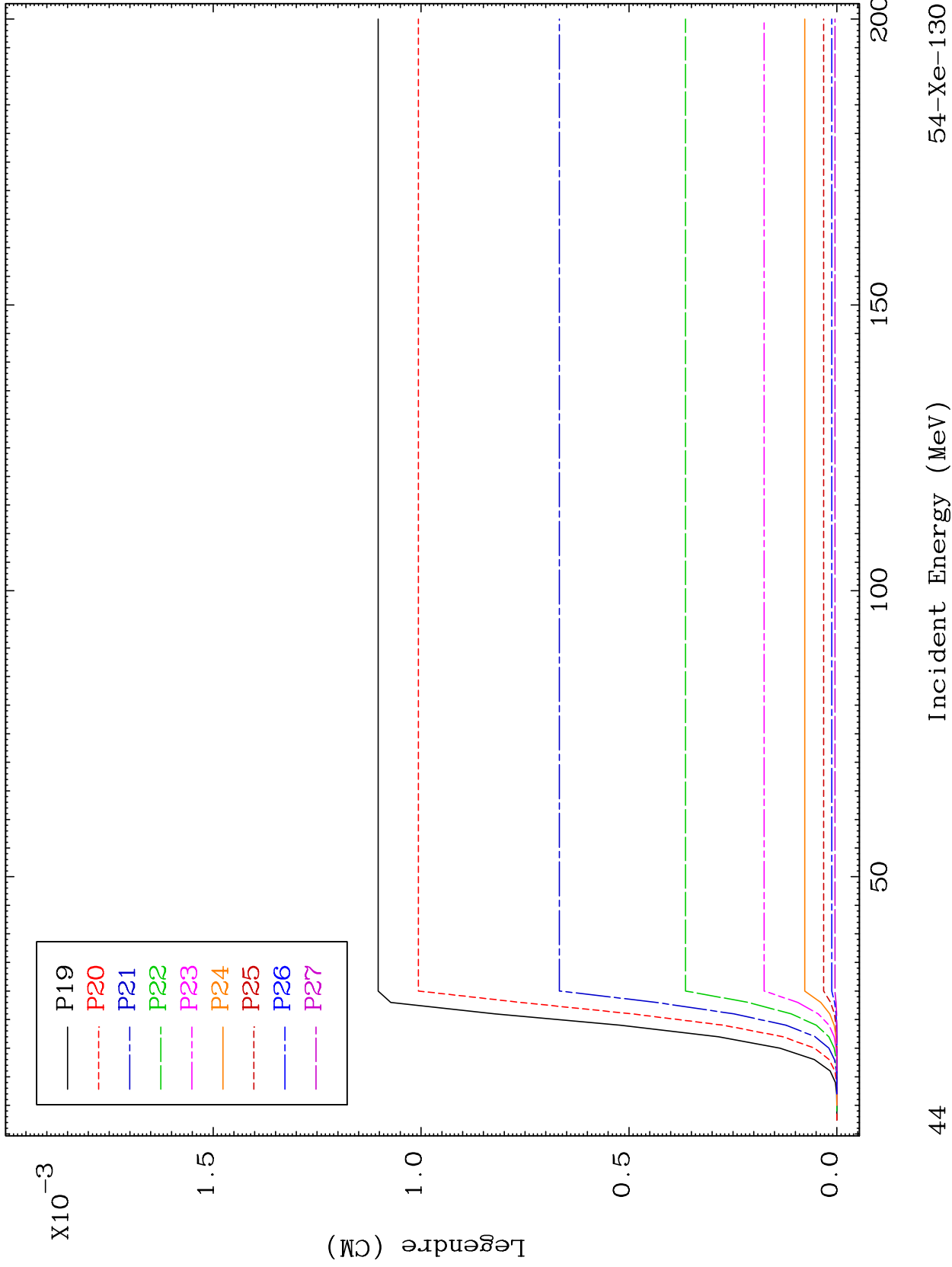
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



44

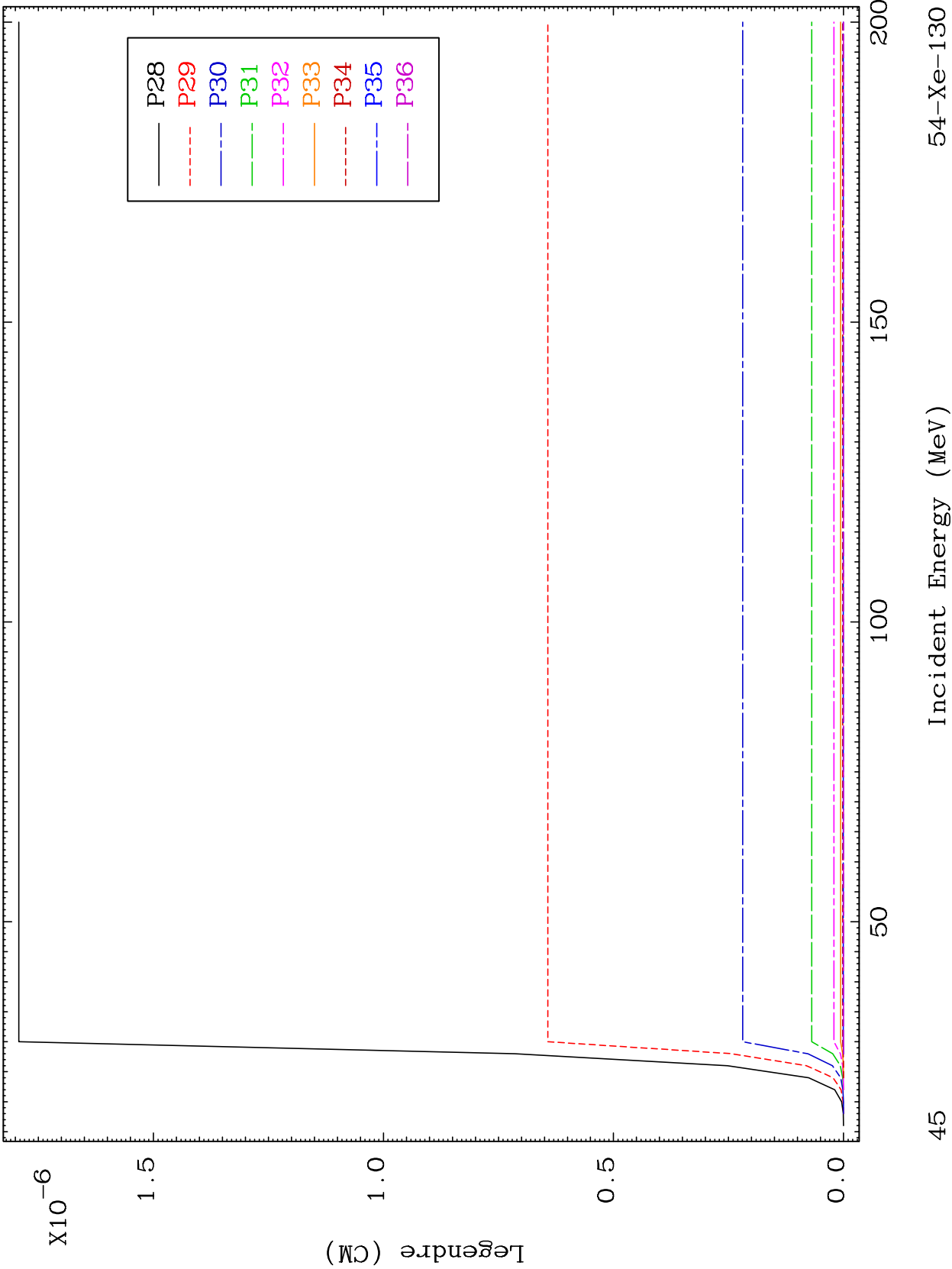
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

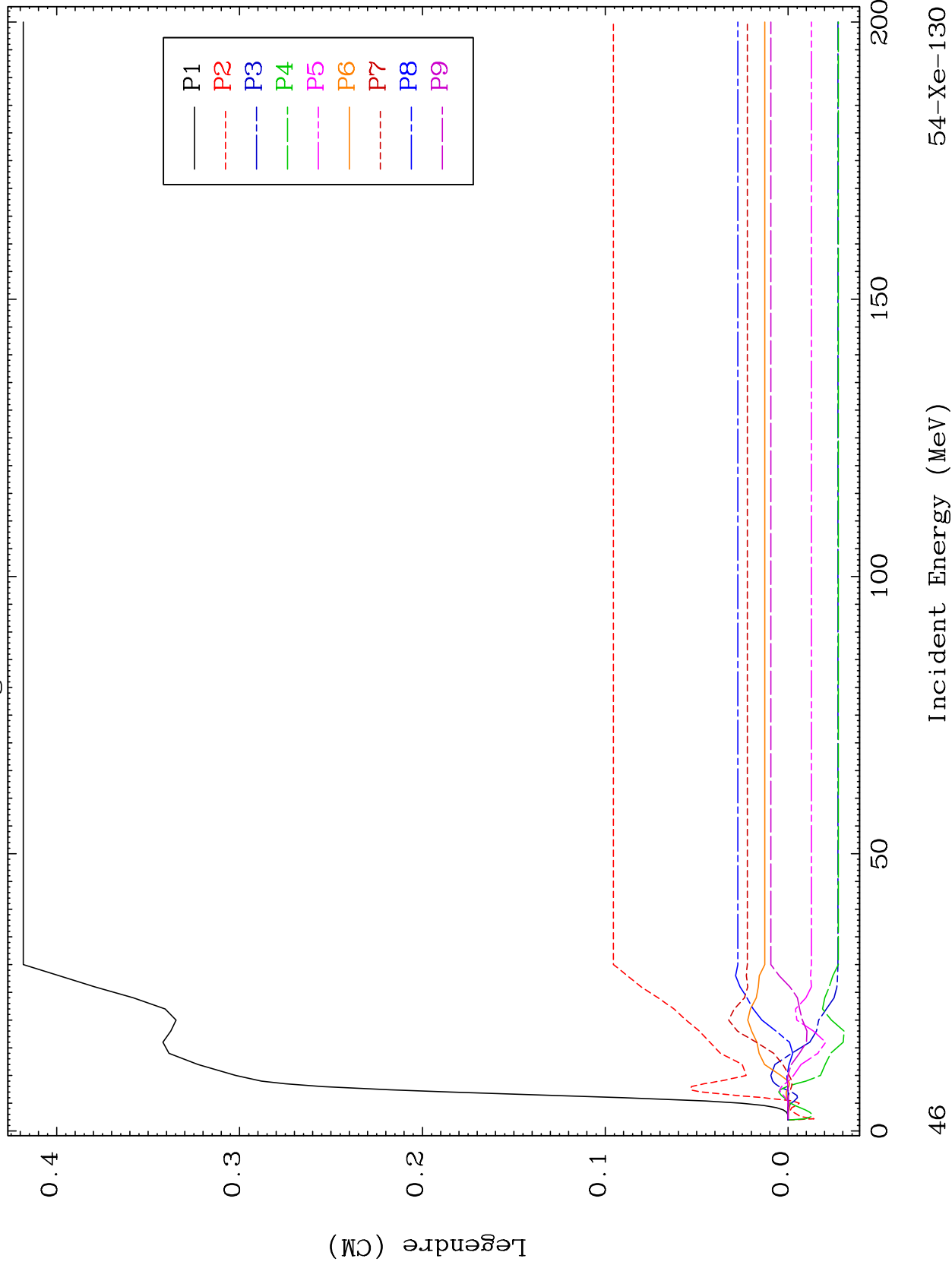
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

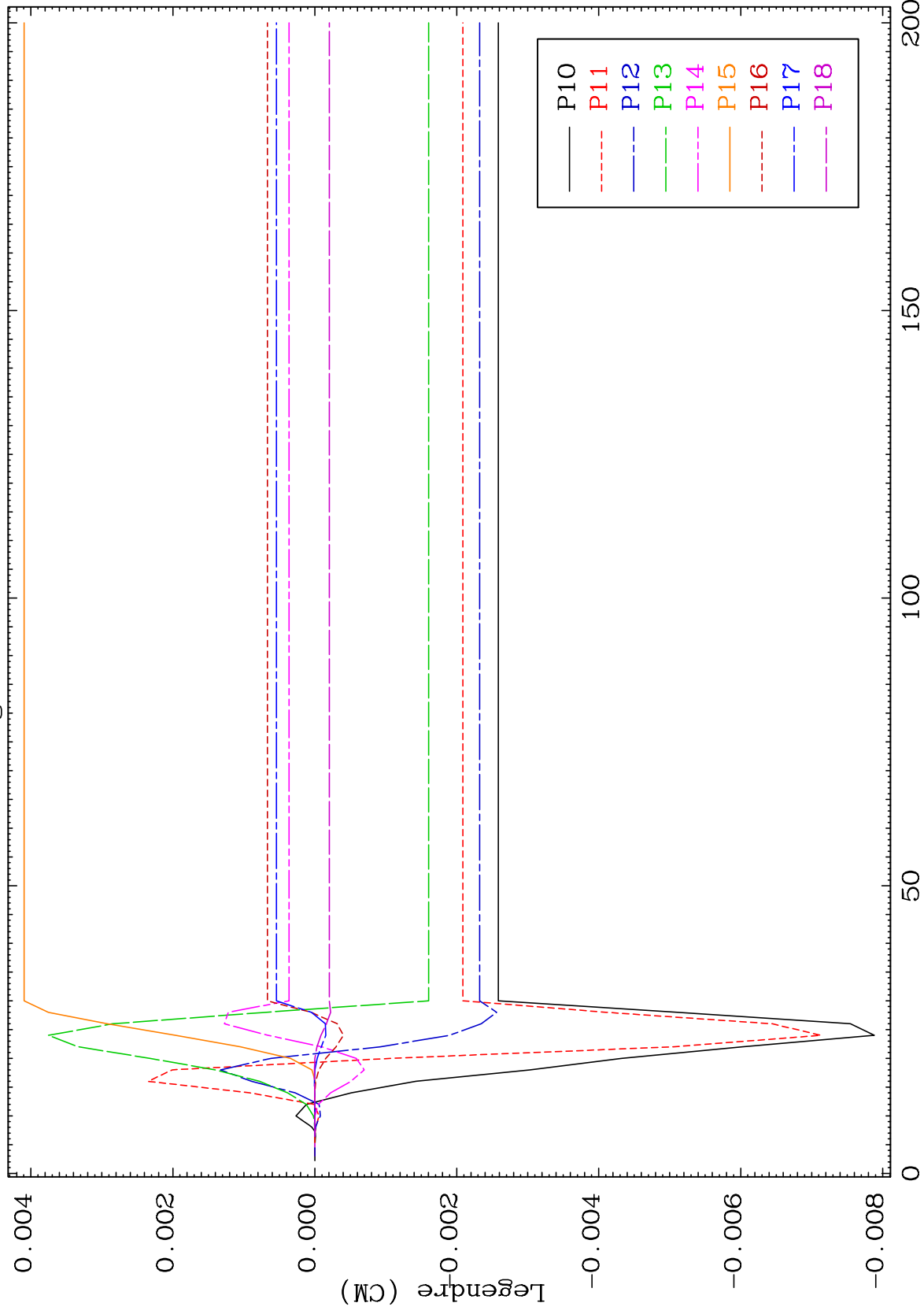
Incident Energy (MeV)

46

MAT 5443

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

54-Xe-130



47

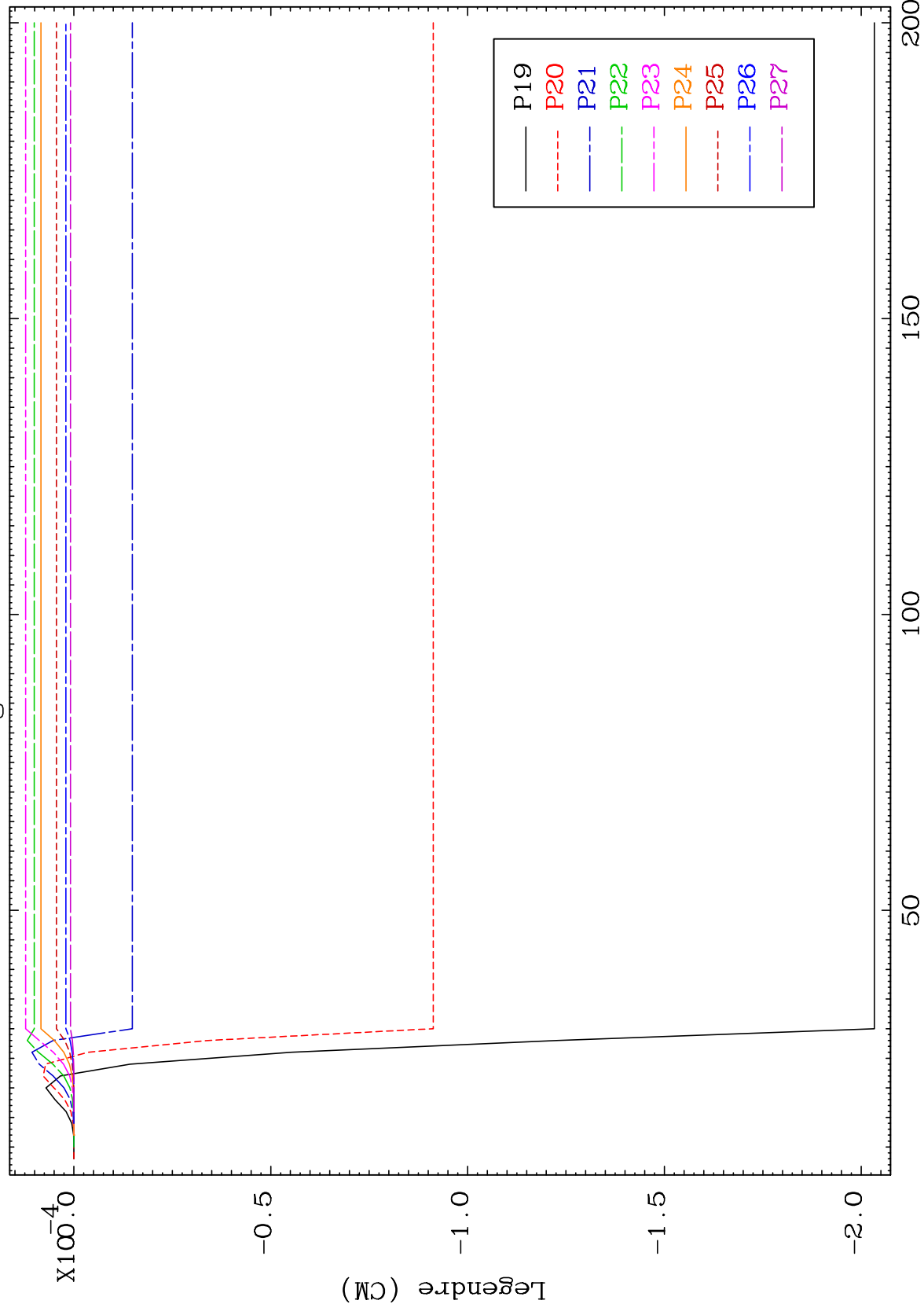
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



48

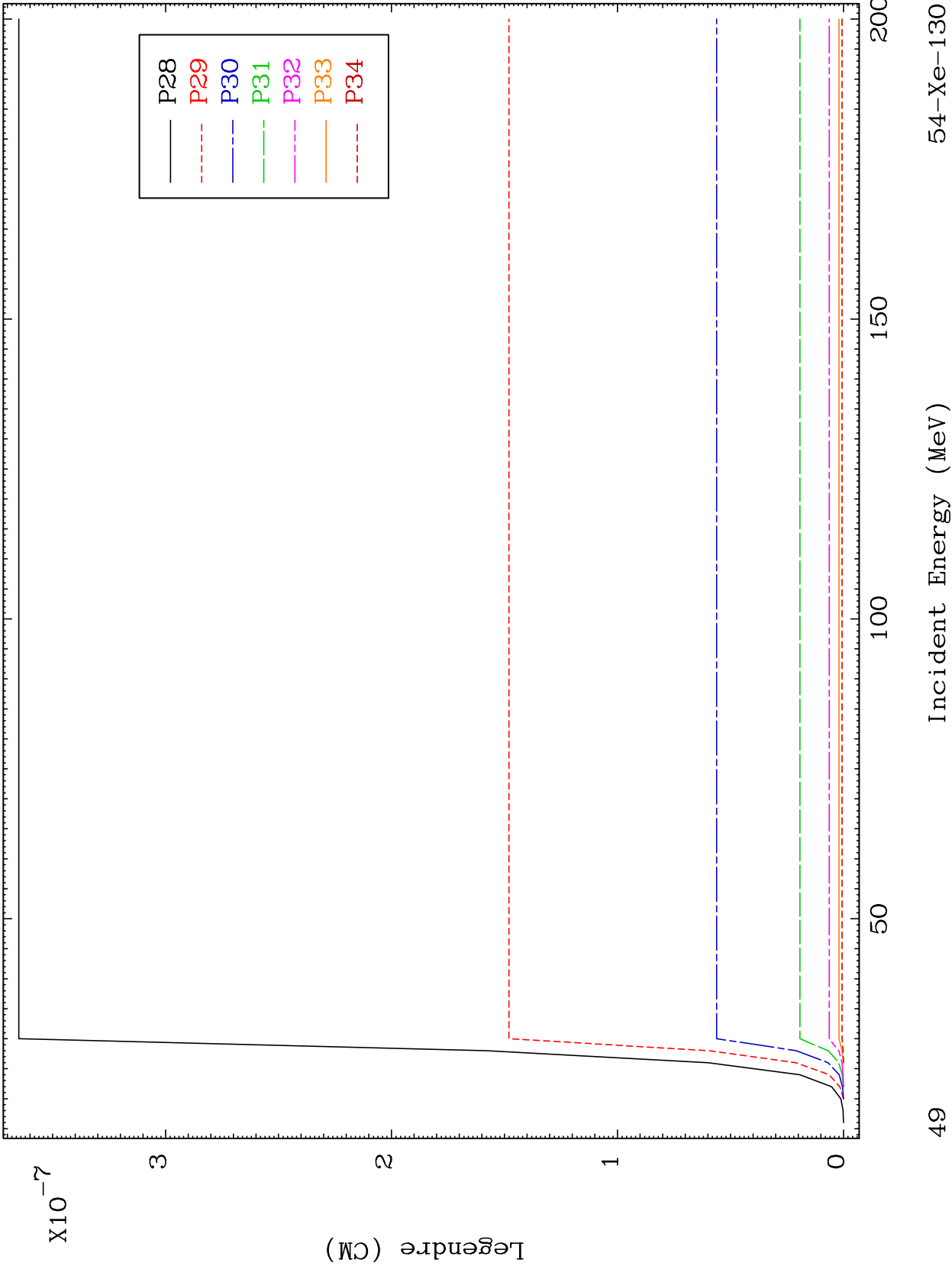
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

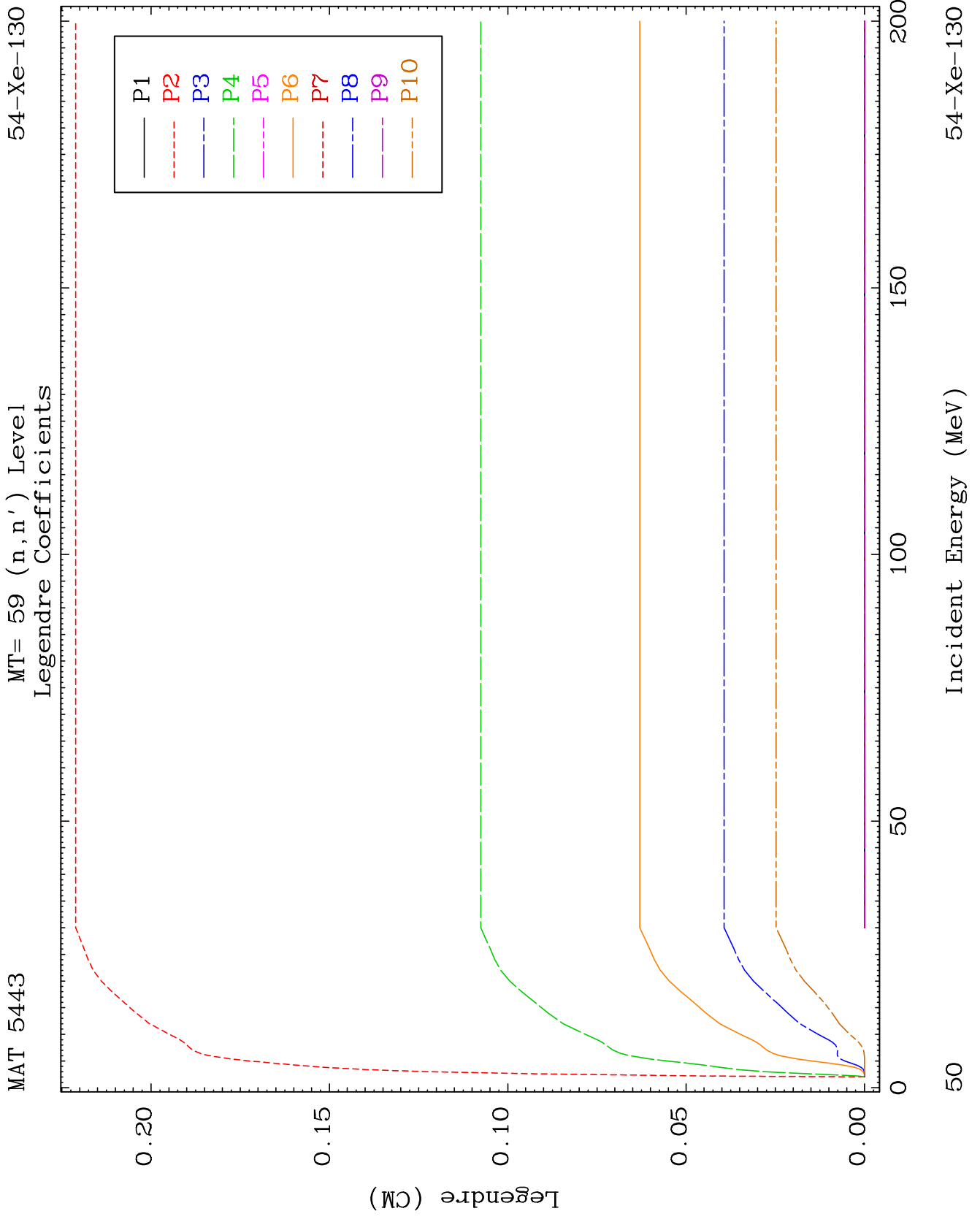
54-Xe-130



49

Incident Energy (MeV)

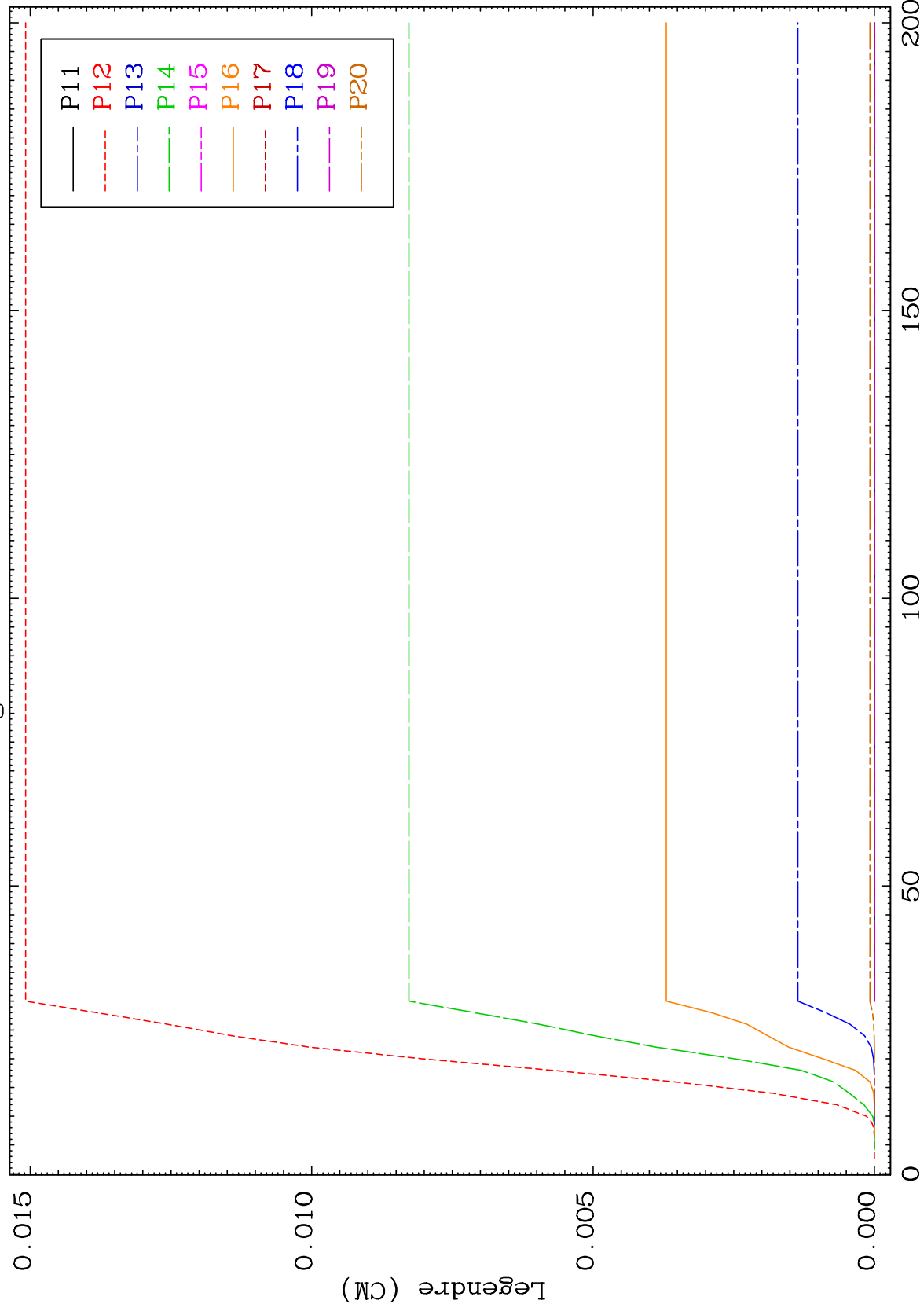
54-Xe-130



MAT 5443

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

54-Xe-130



51

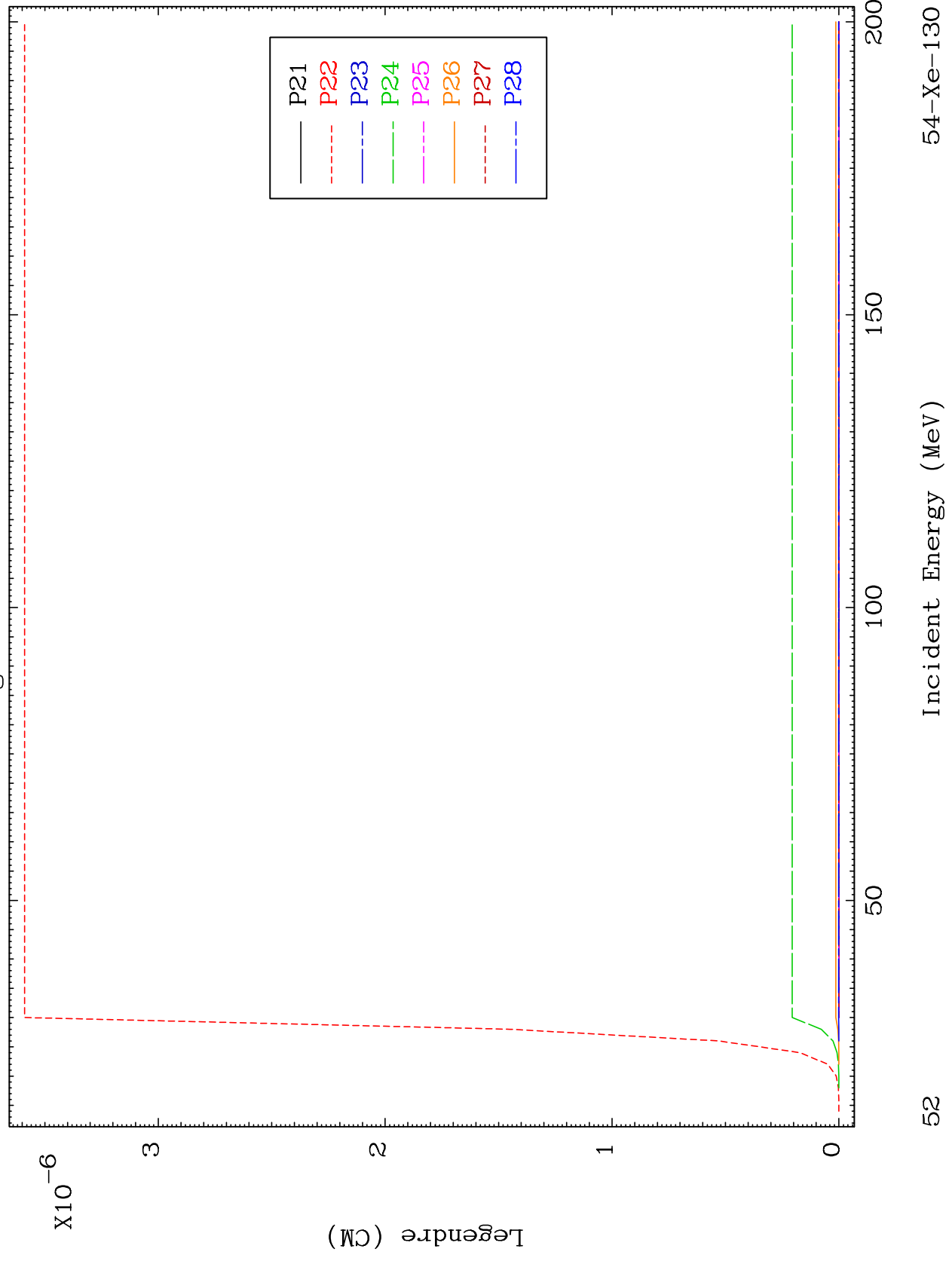
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



52

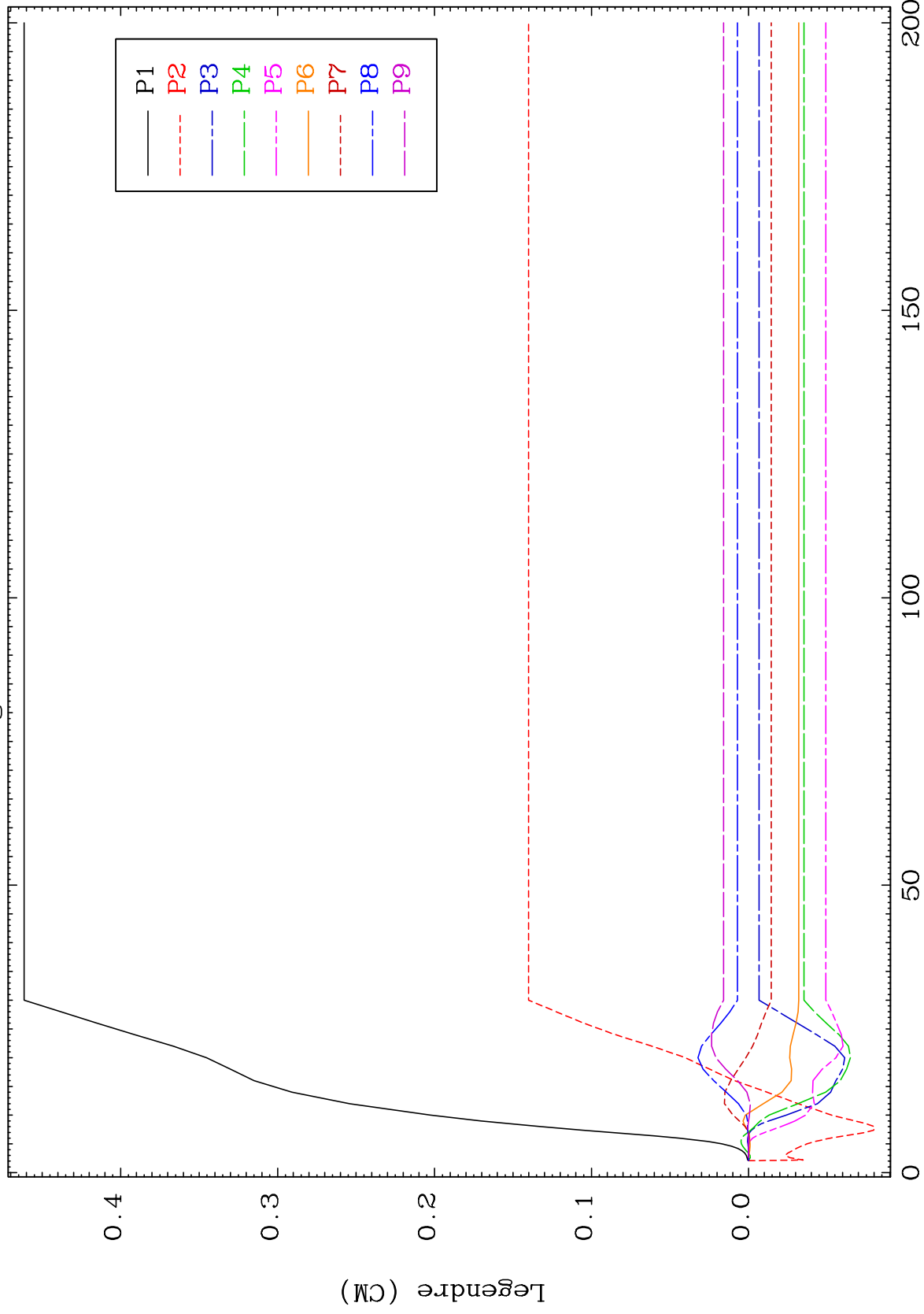
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



53

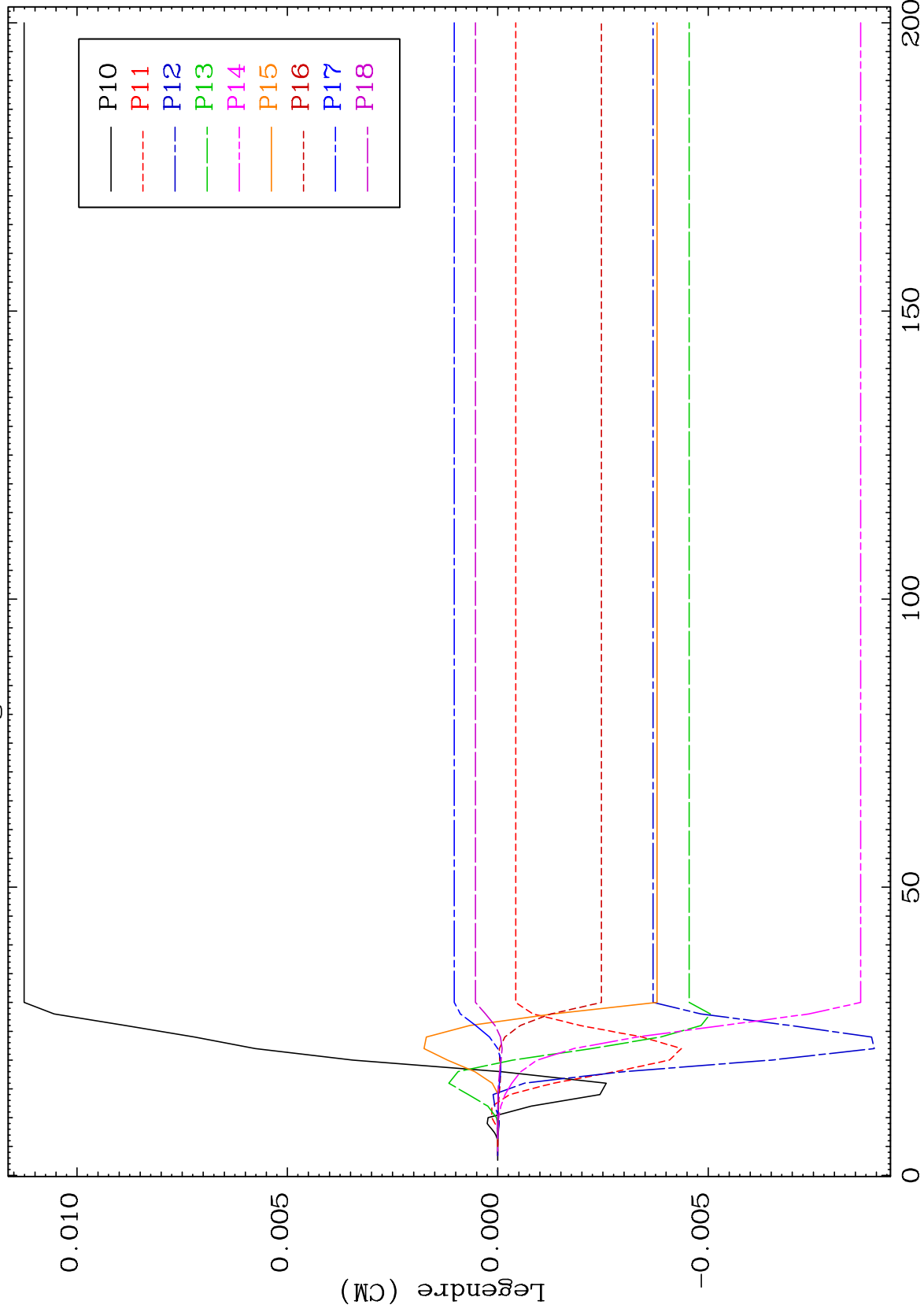
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



54

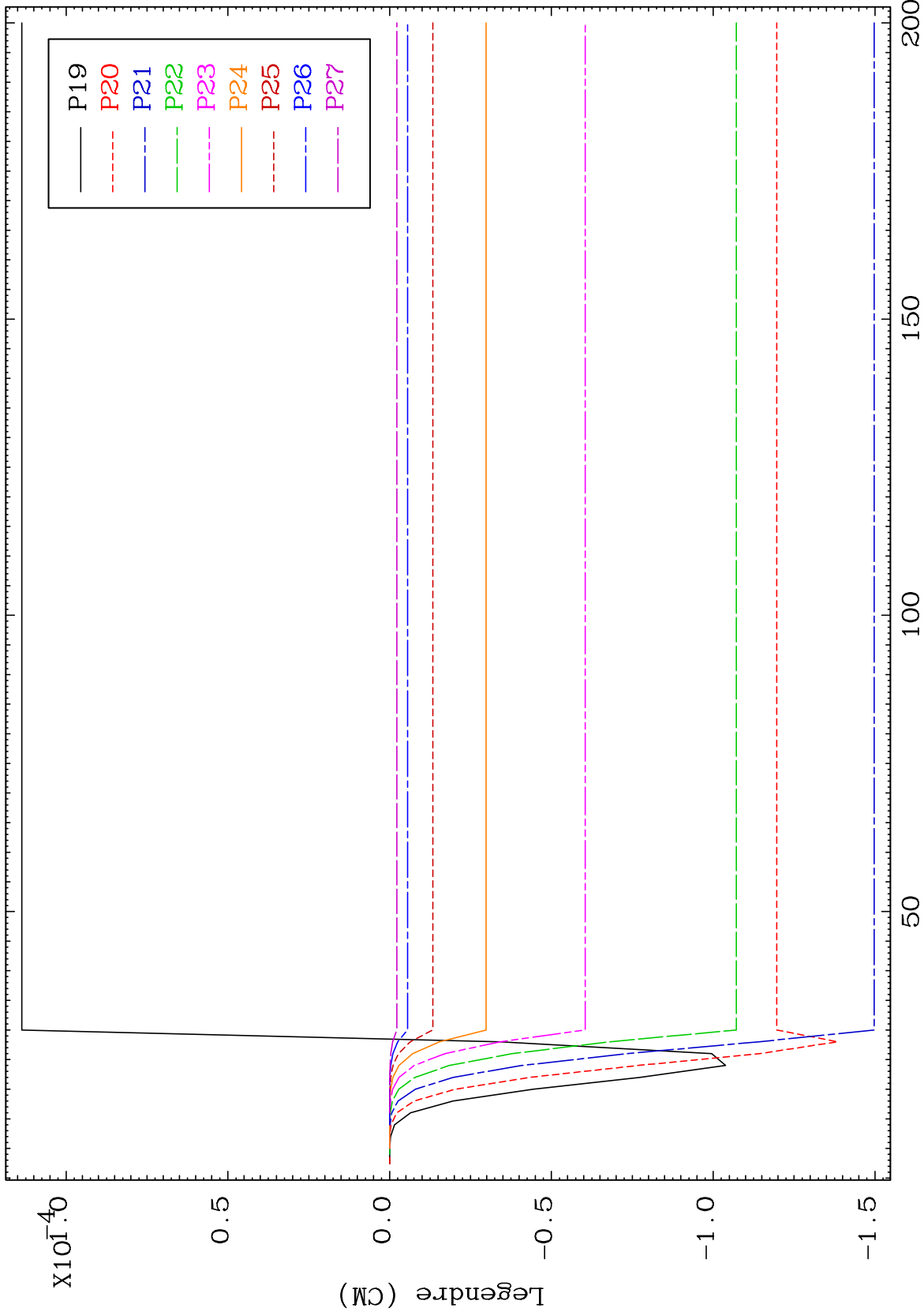
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



55

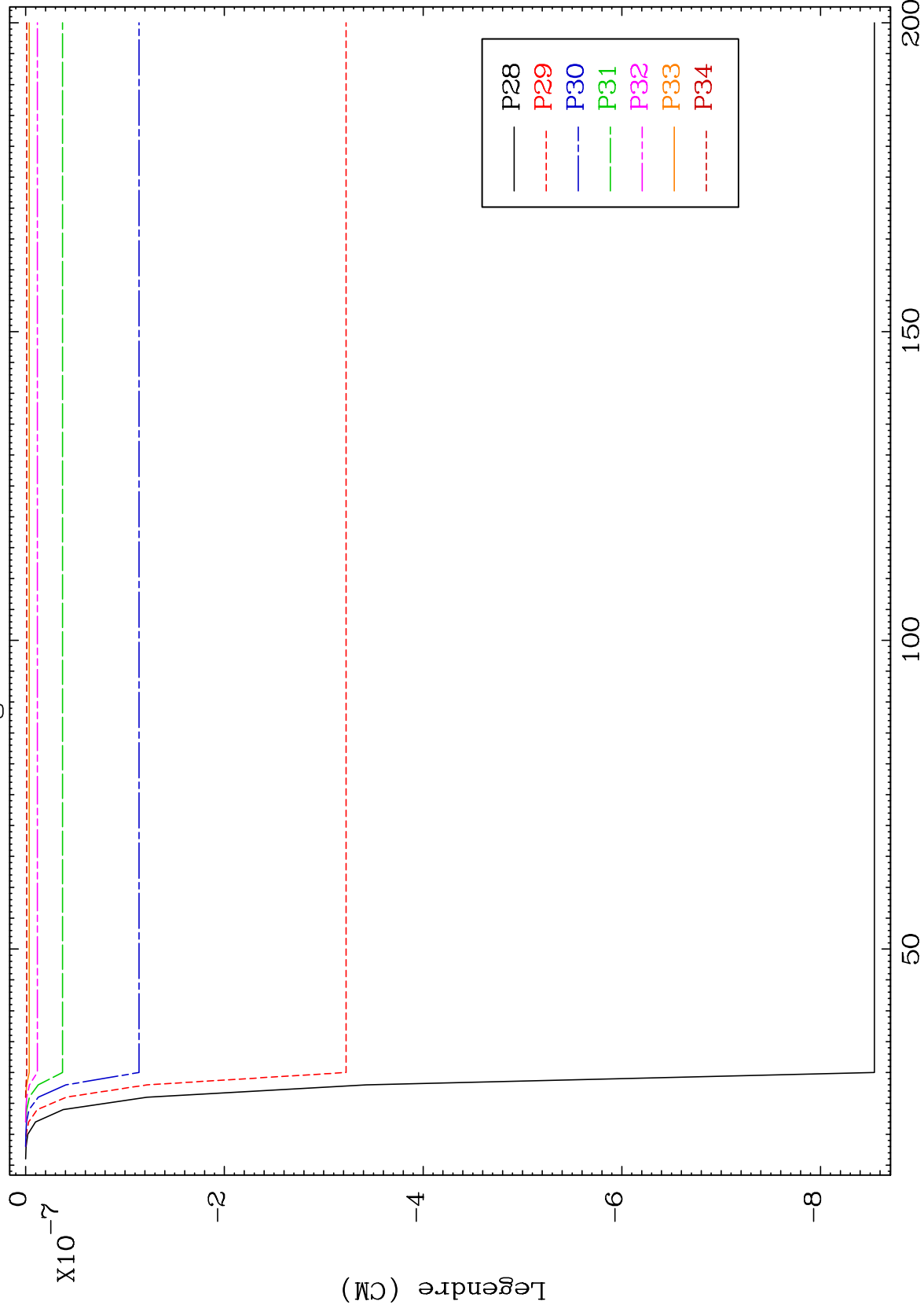
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



56

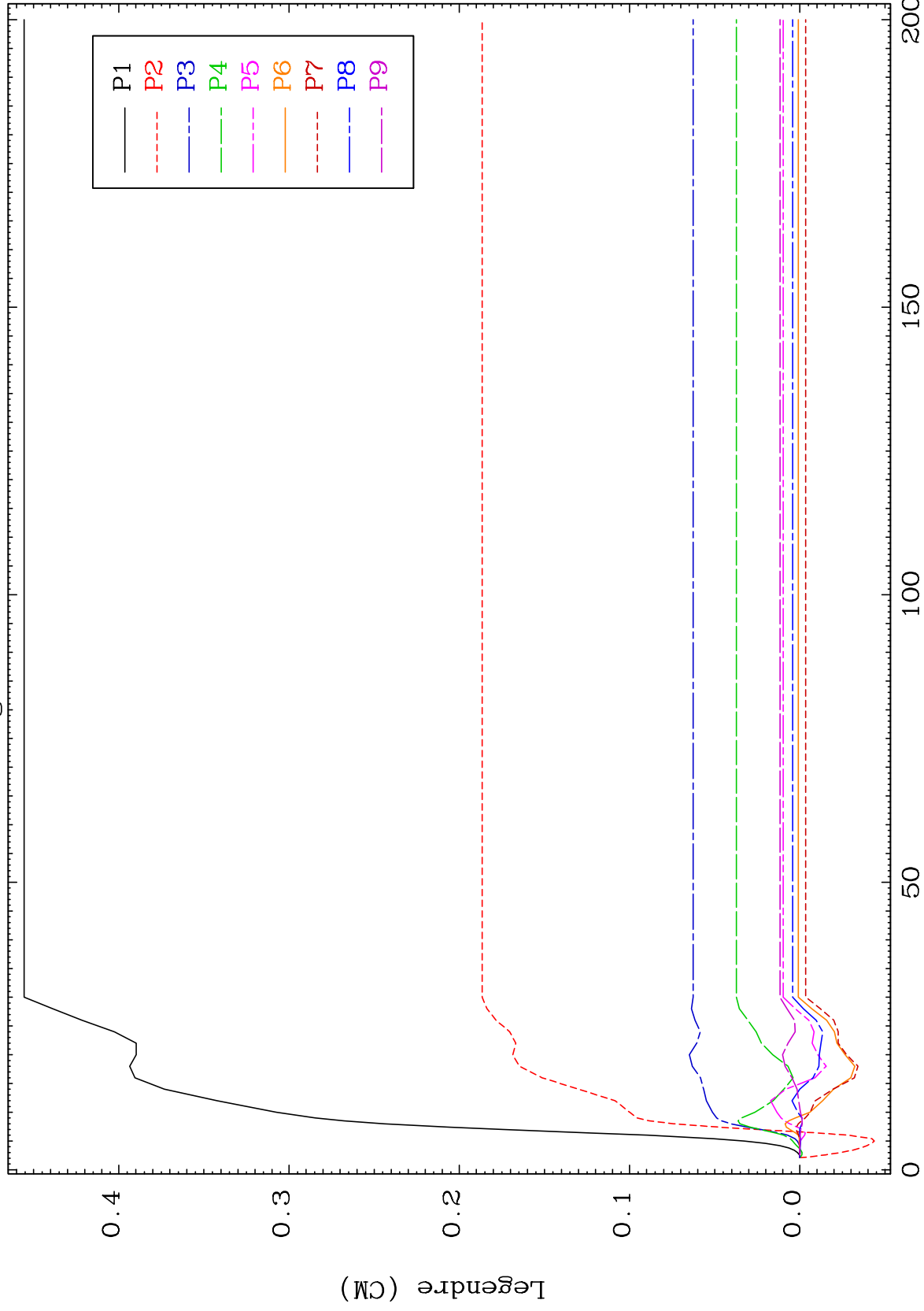
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



54-Xe-130

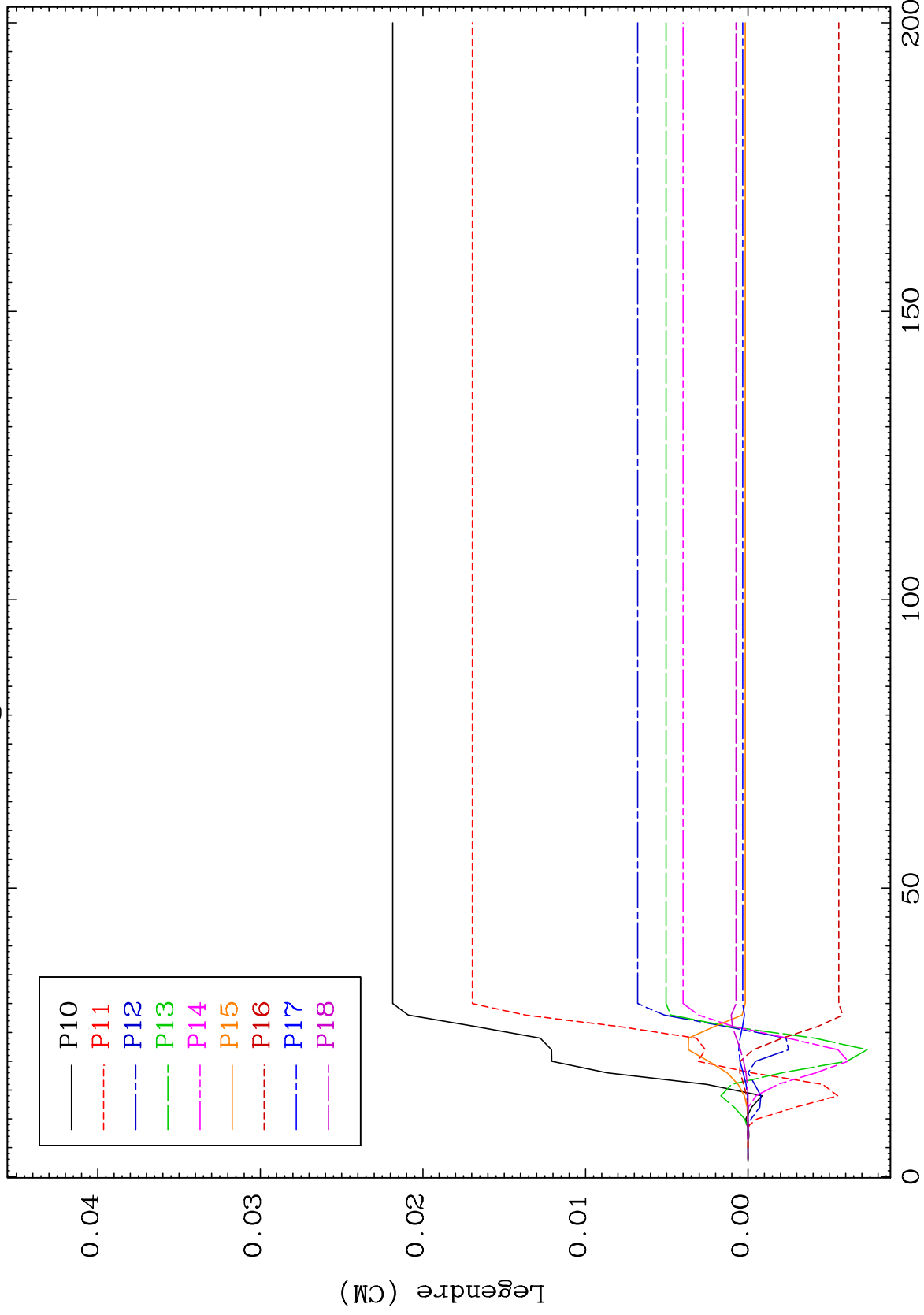
Incident Energy (MeV)

57

MAT 5443

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

54-Xe-130



58

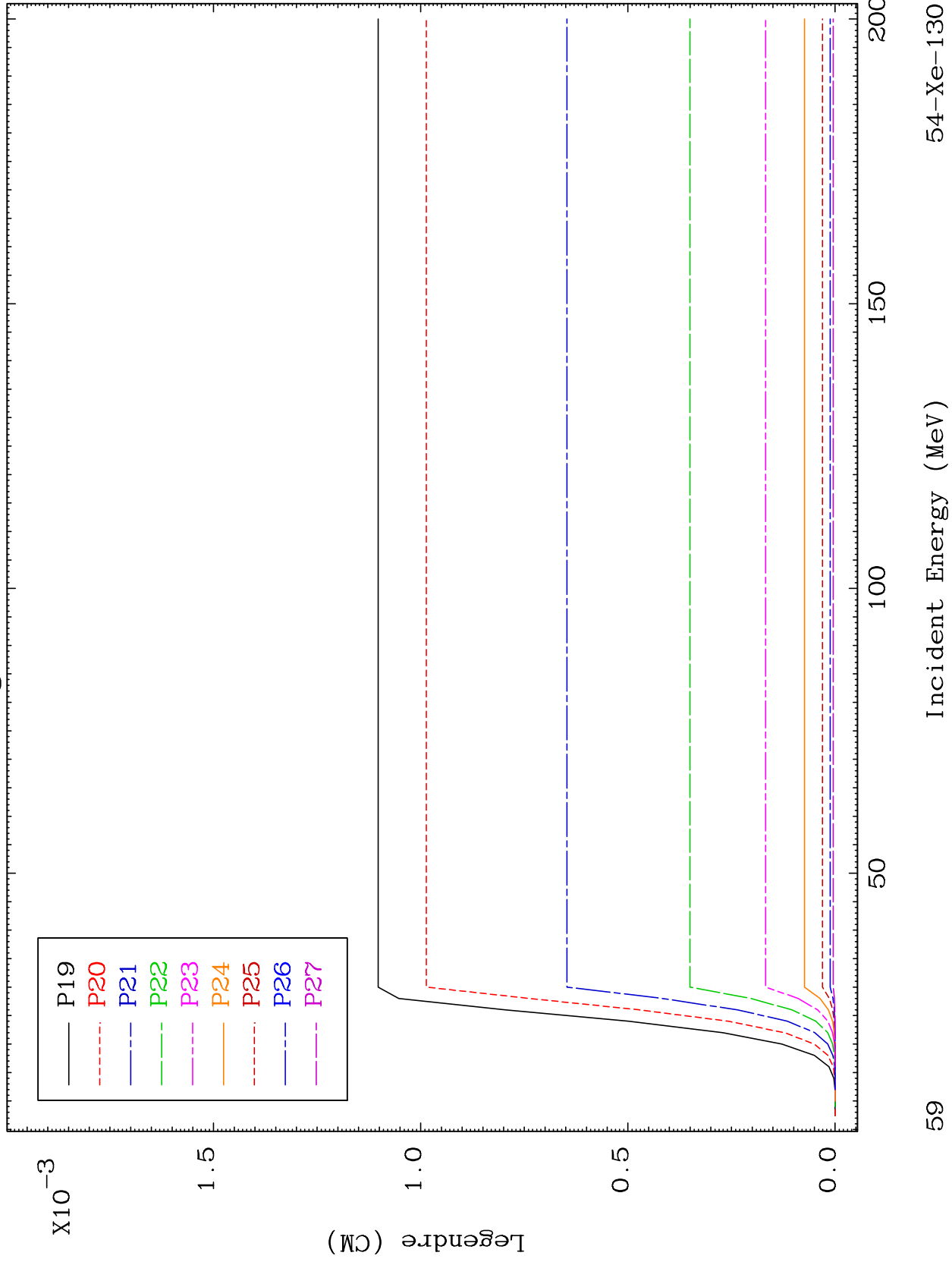
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



59

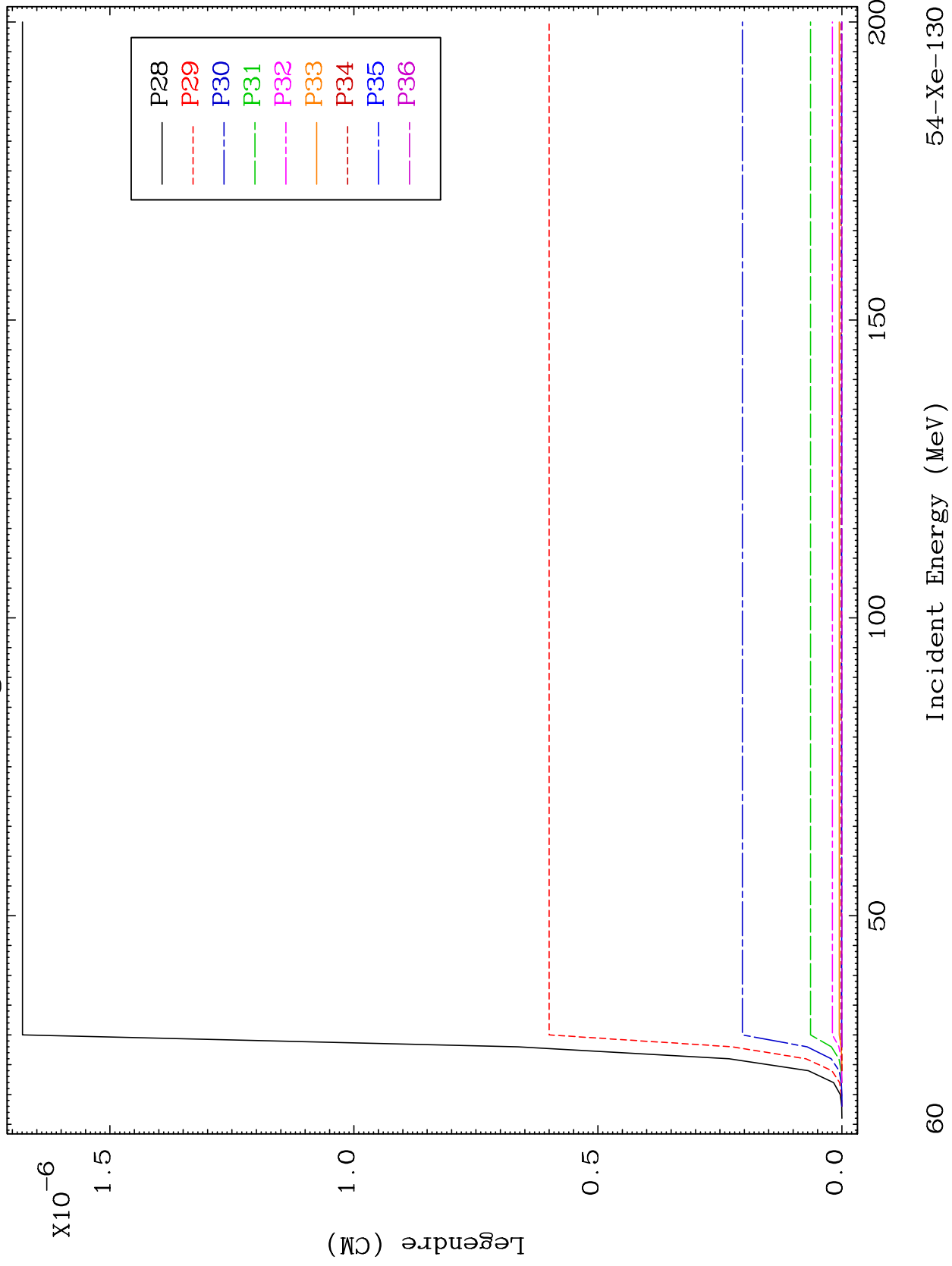
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

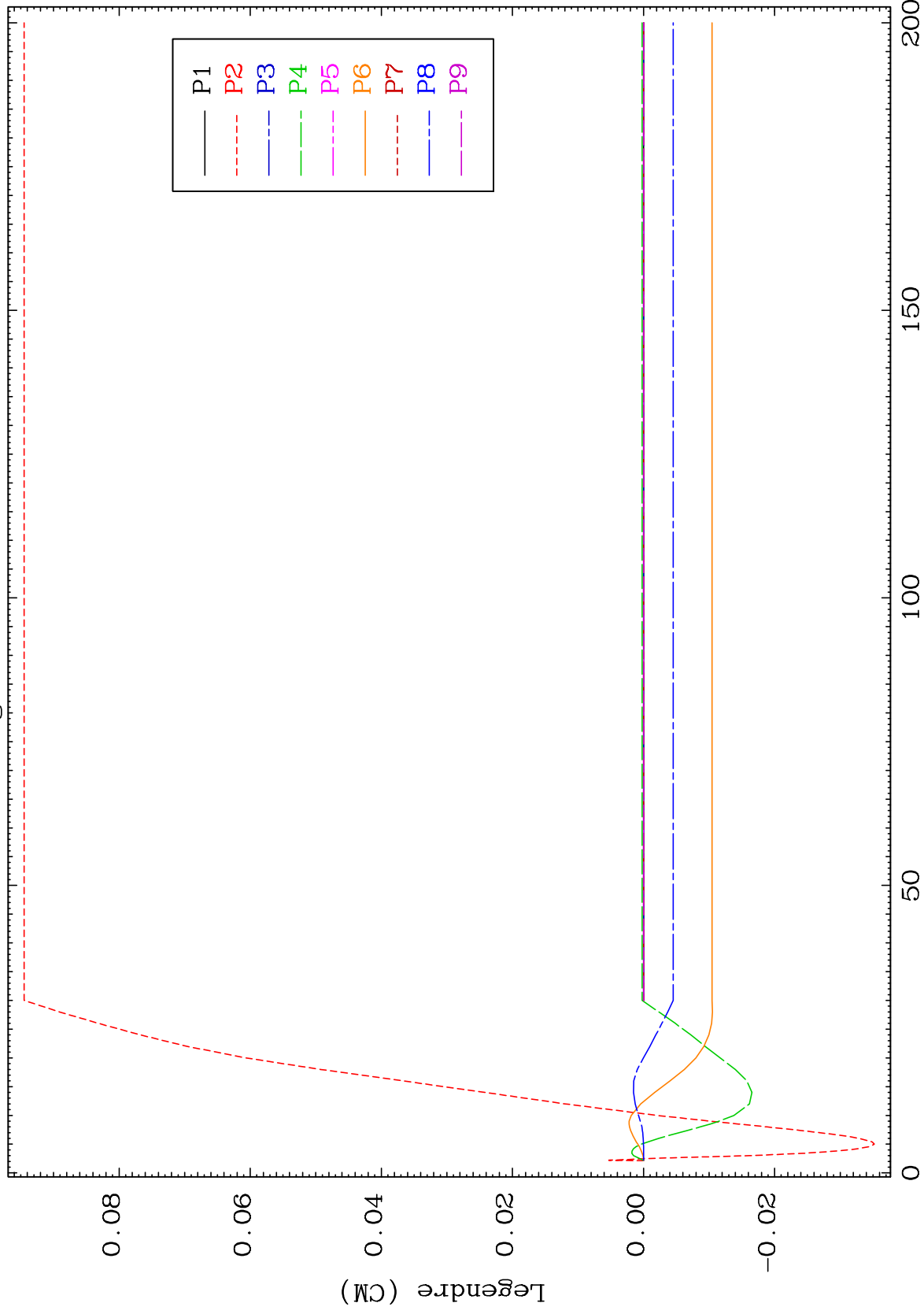
54-Xe-130



MAT 5443

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

54-Xe-130



61

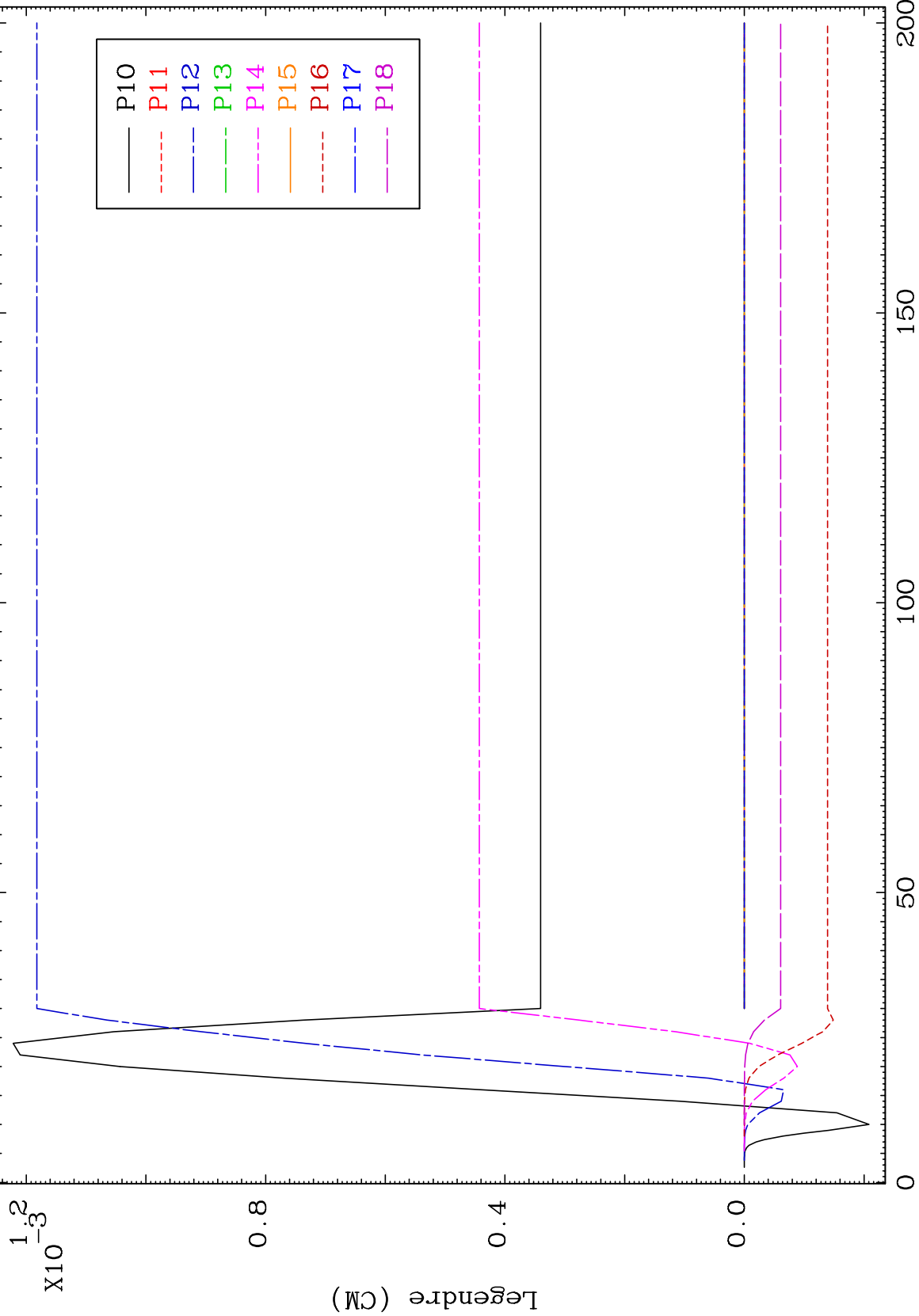
Incident Energy (MeV)

54-Xe-130

MAT 5443

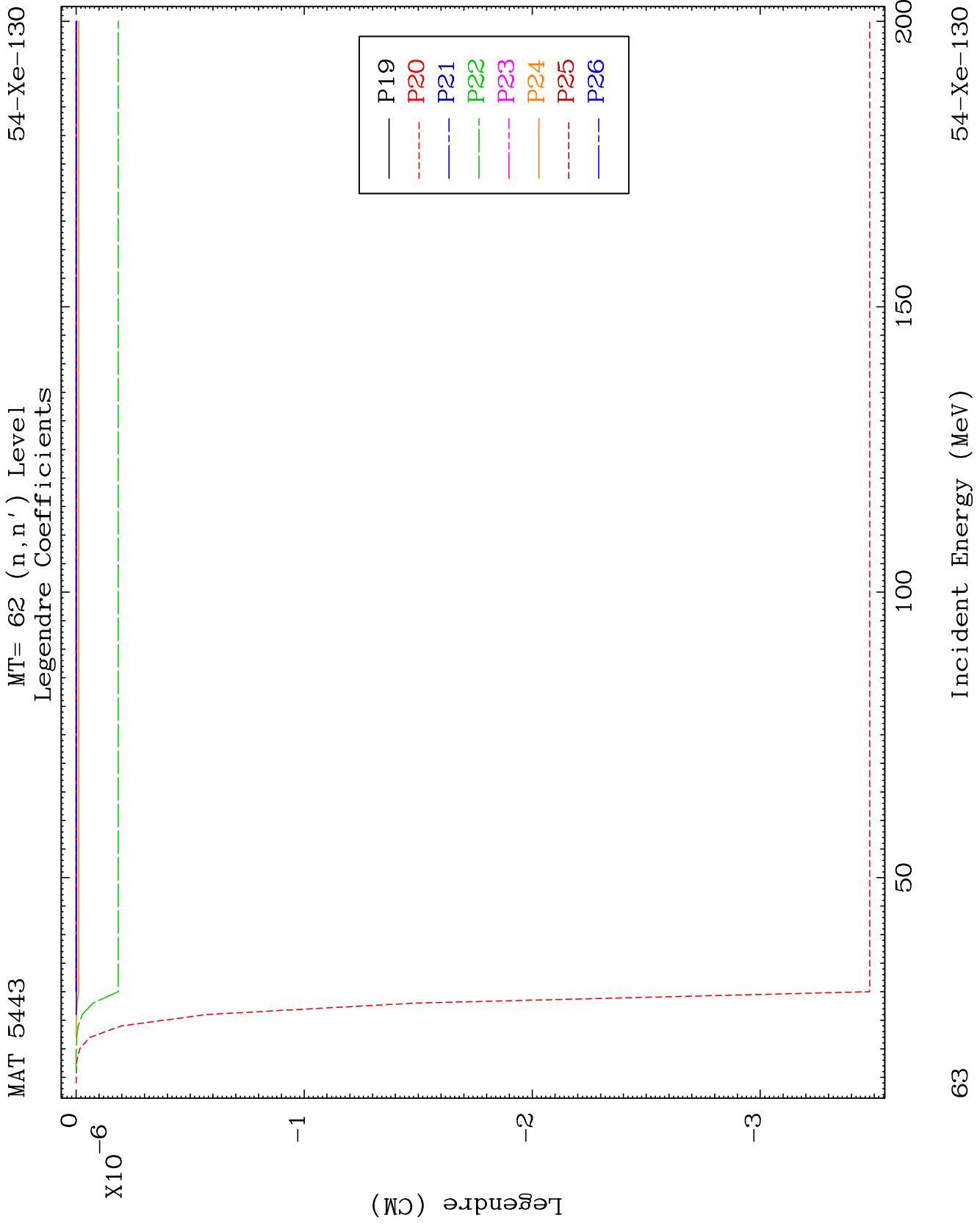
MT= 62 (n,n') Level
Legendre Coefficients

54-Xe-130



62

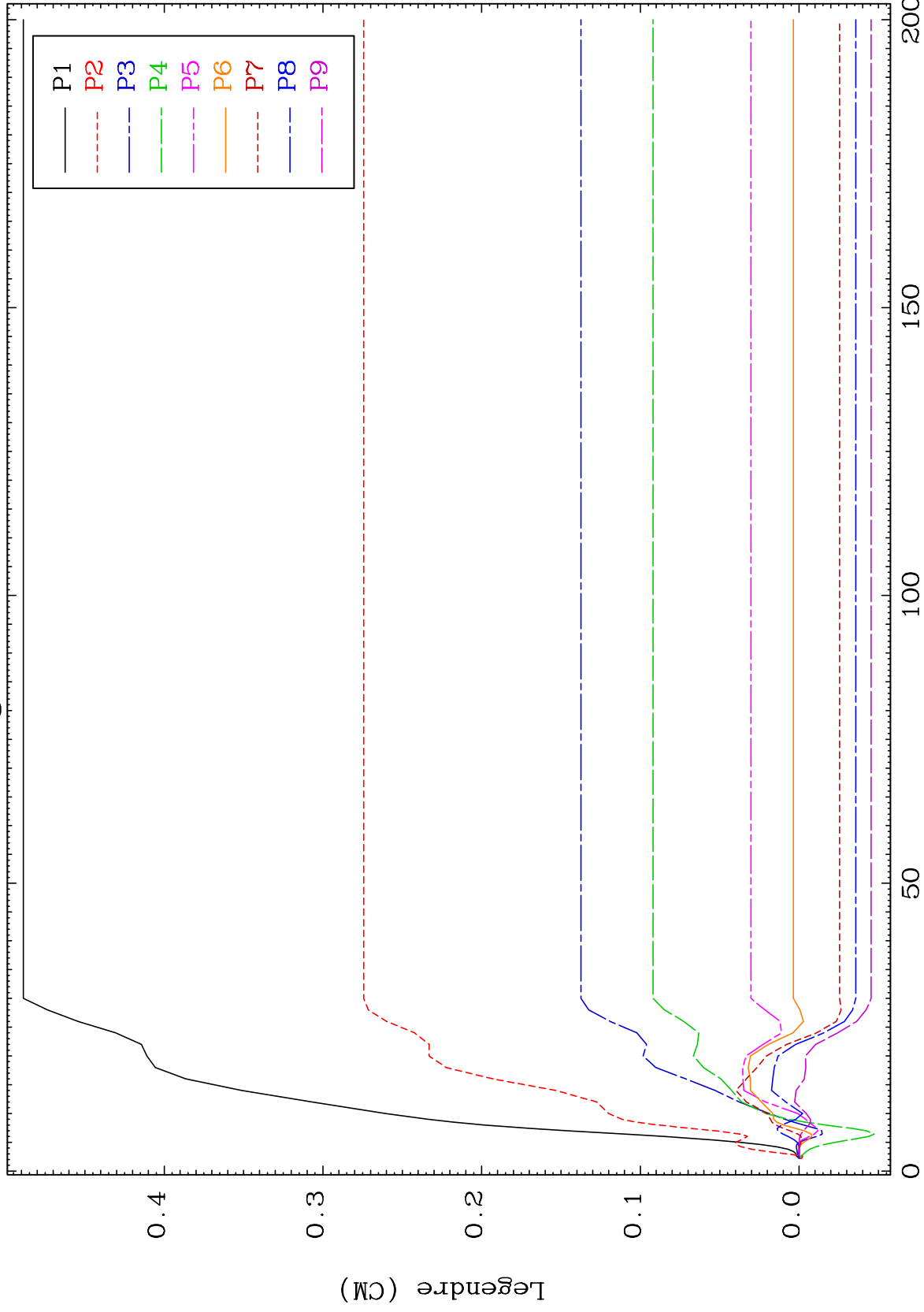
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

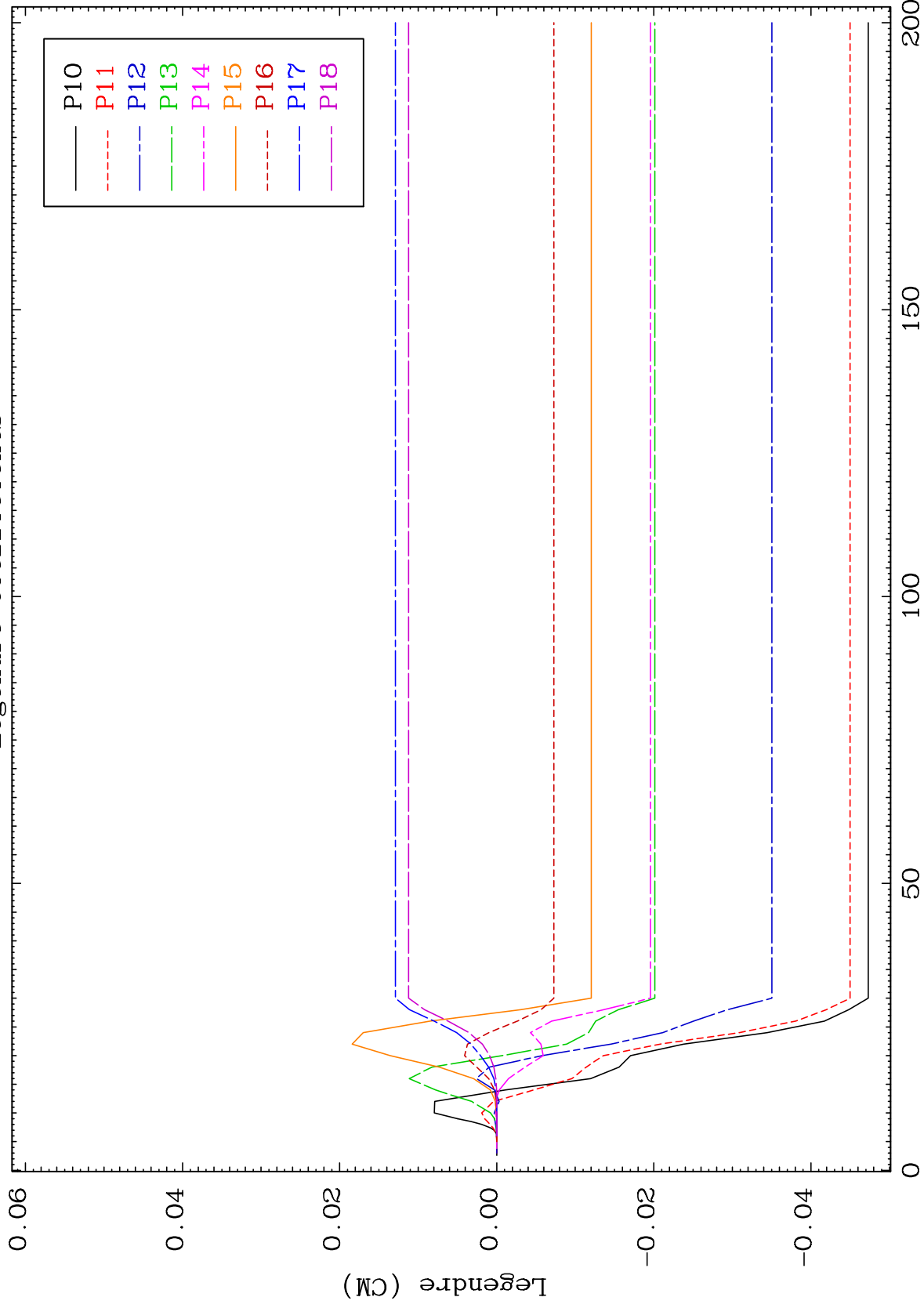
Incident Energy (MeV)

64

MAT 5443

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

54-Xe-130



65

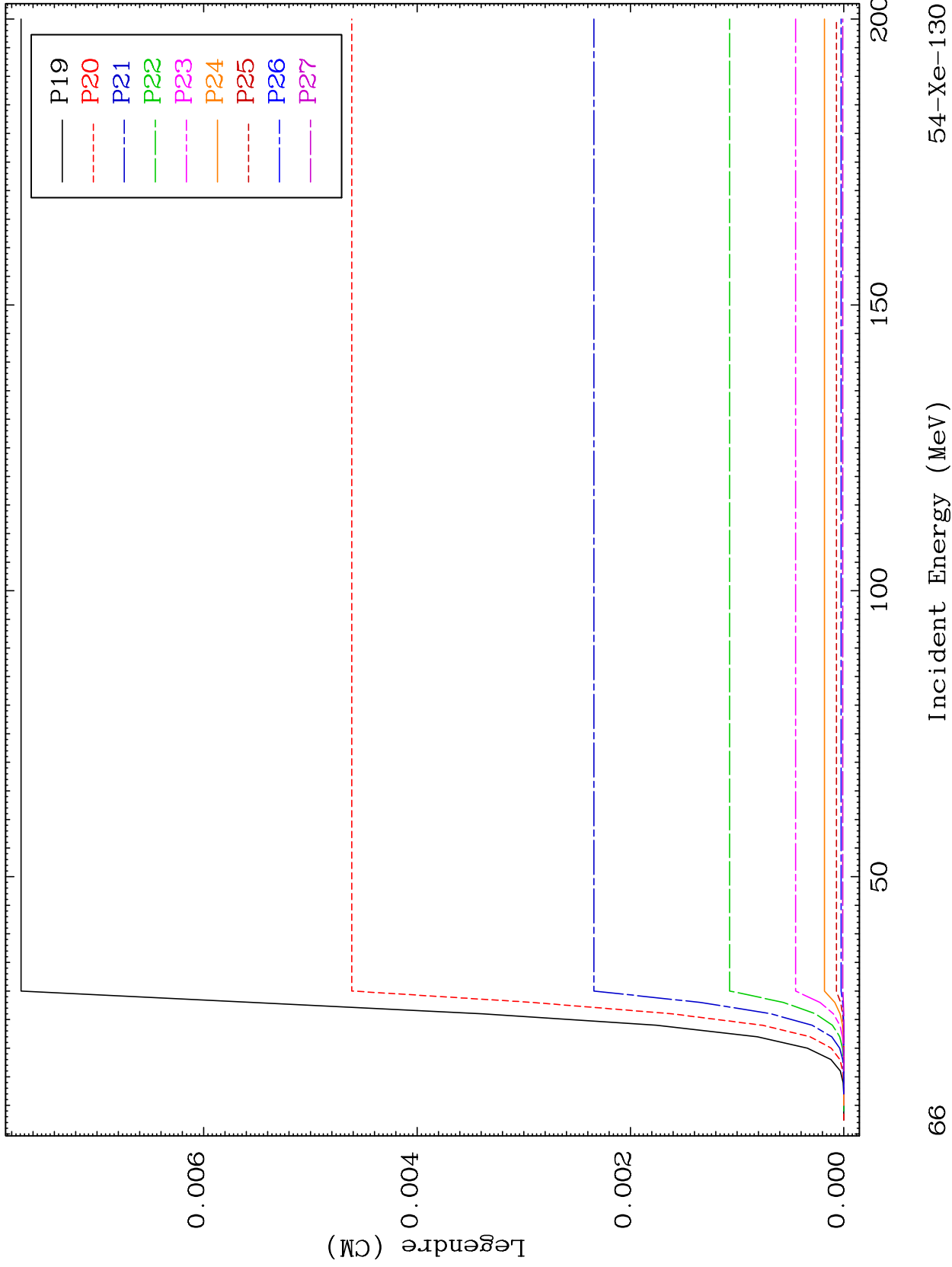
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



66

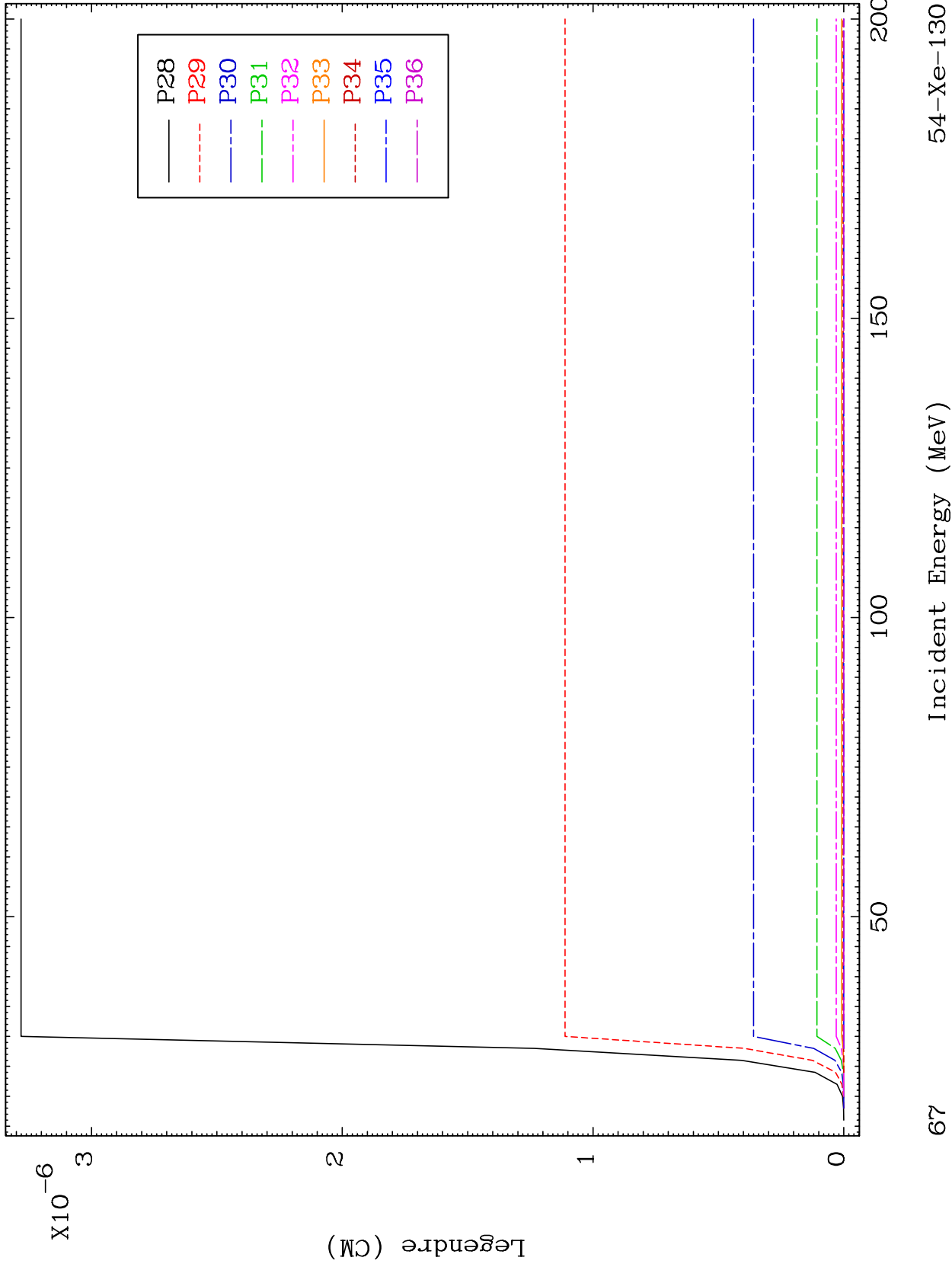
Incident Energy (MeV)

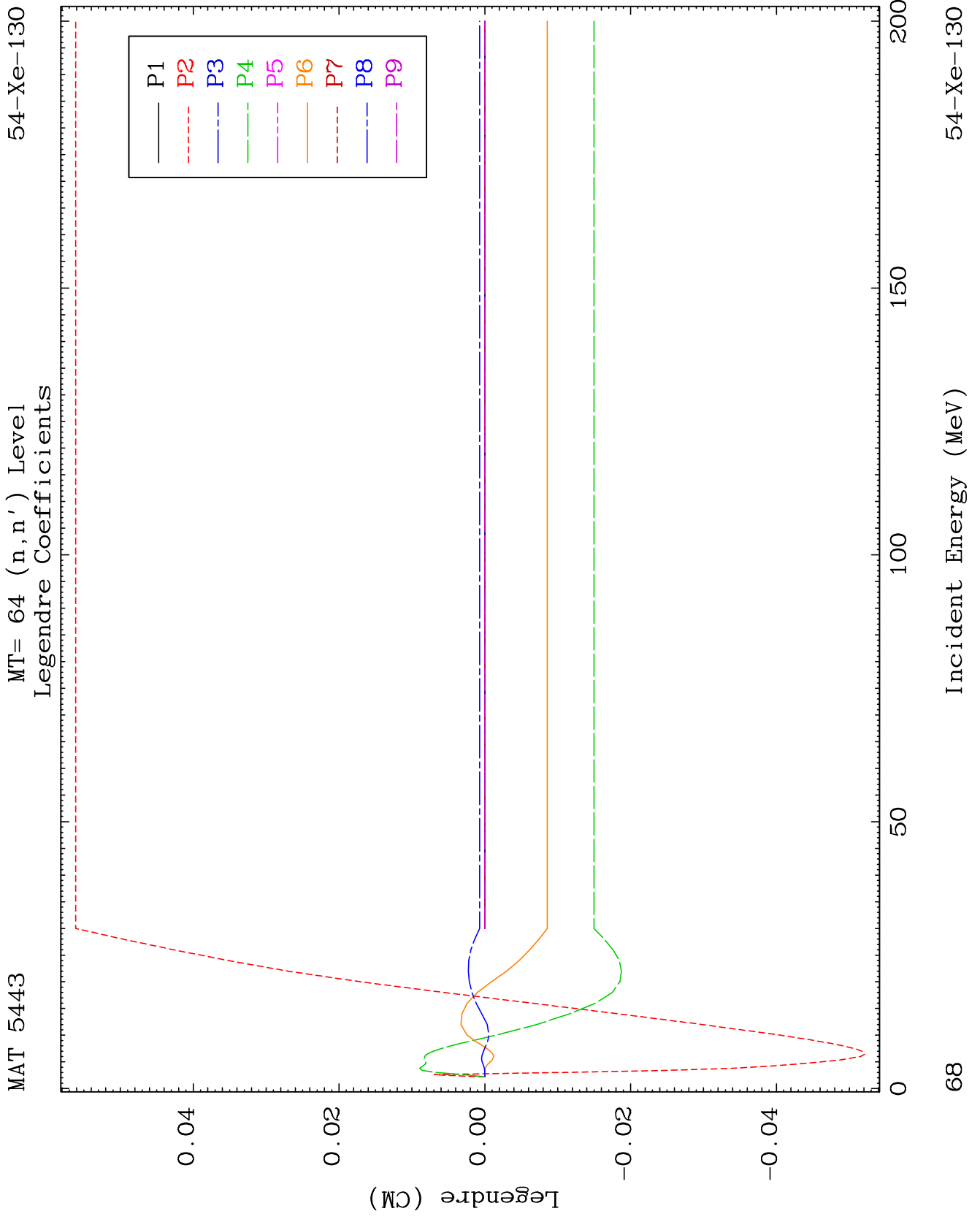
54-Xe-130

MAT 5443

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

54-Xe-130

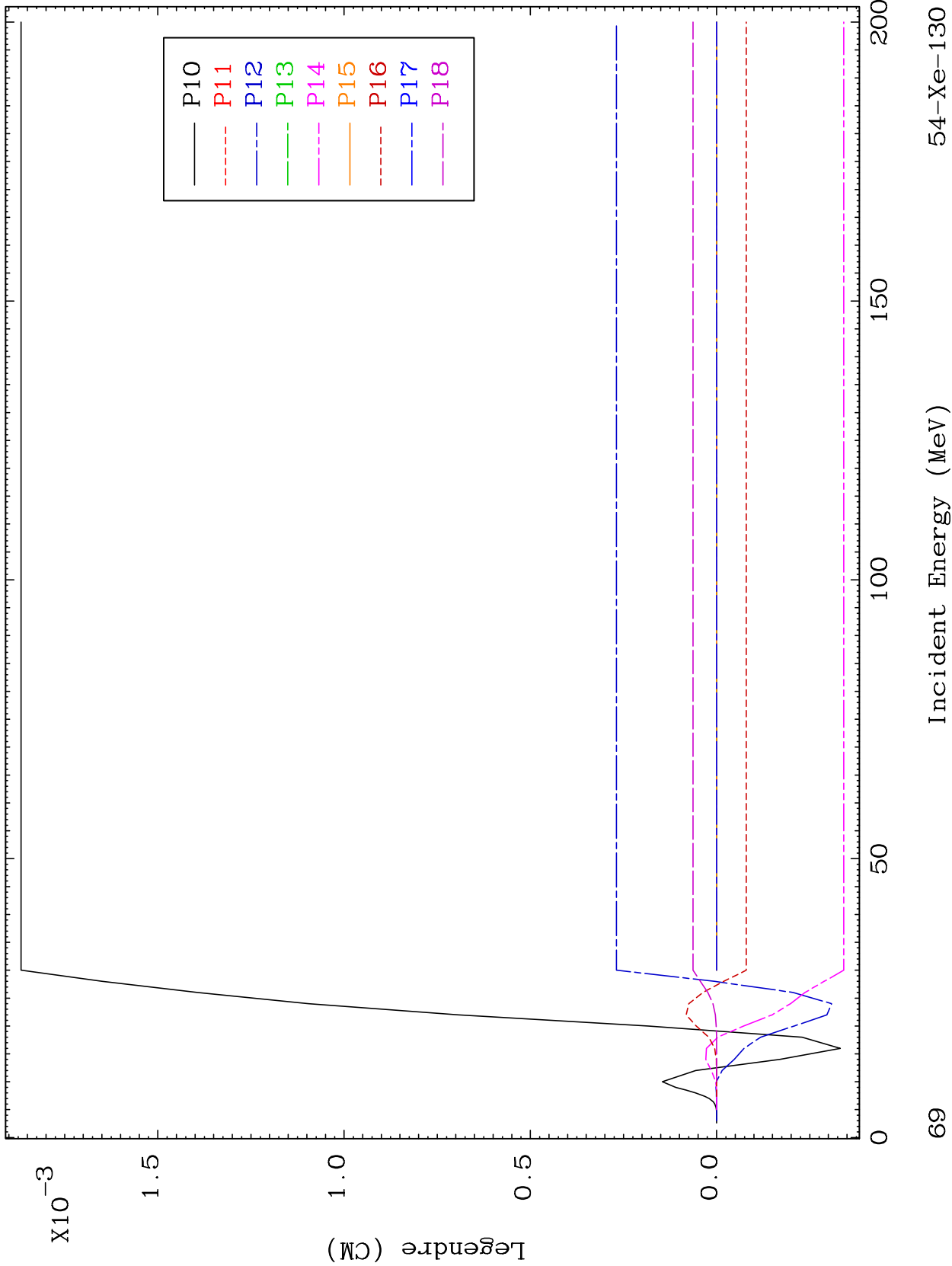




MAT 5443

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

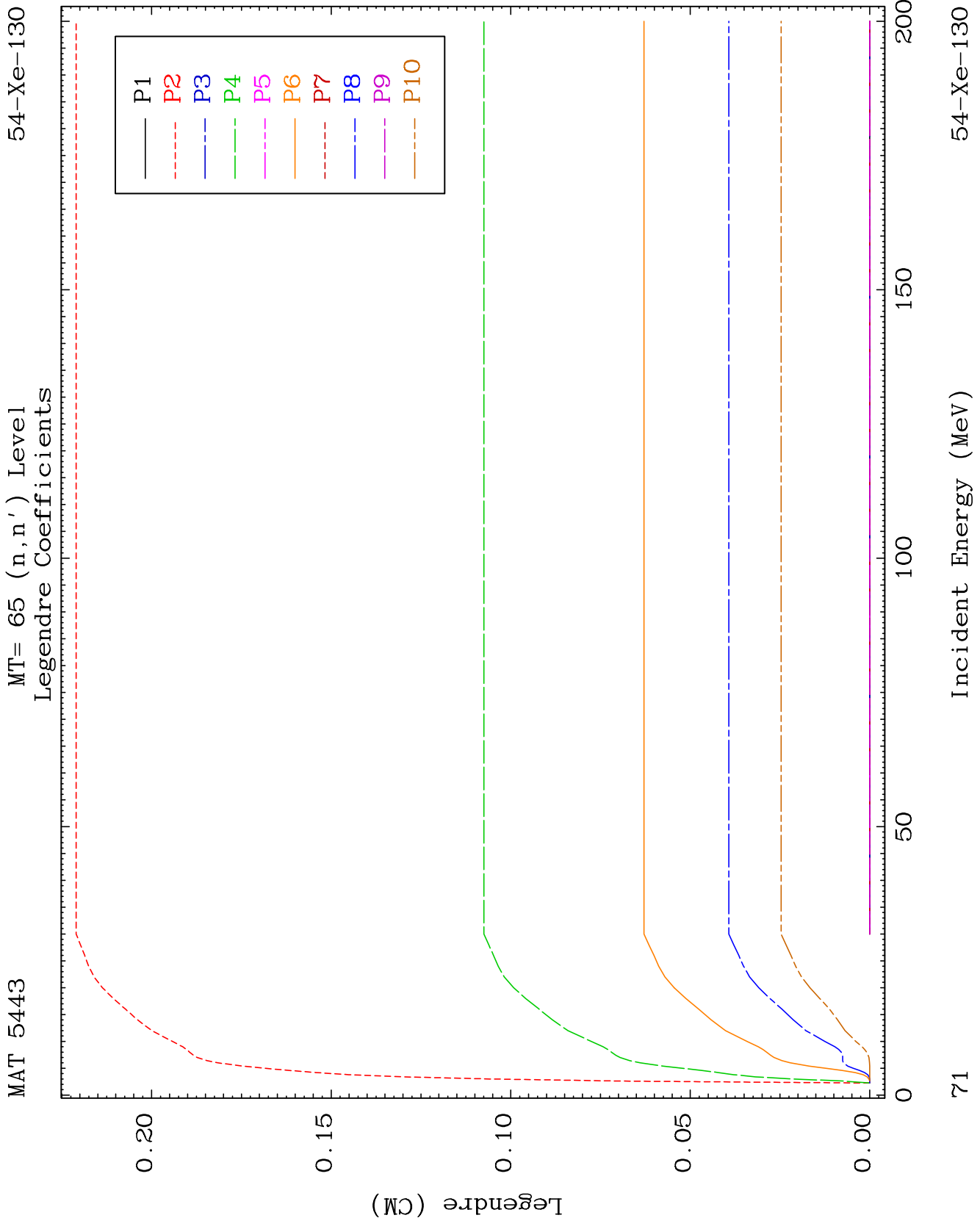
54-Xe-130

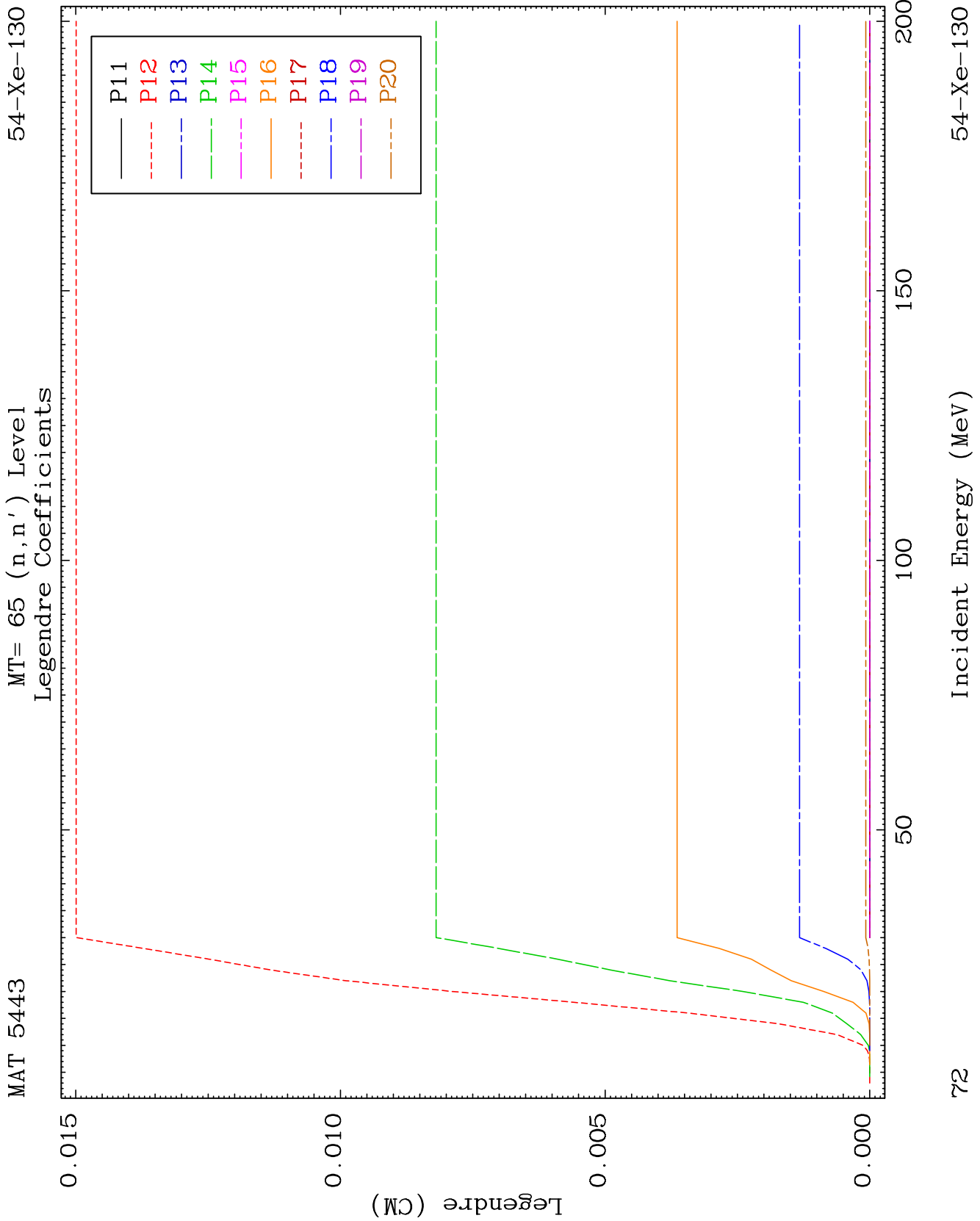


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Incident Energy (MeV)

54-Xe-130

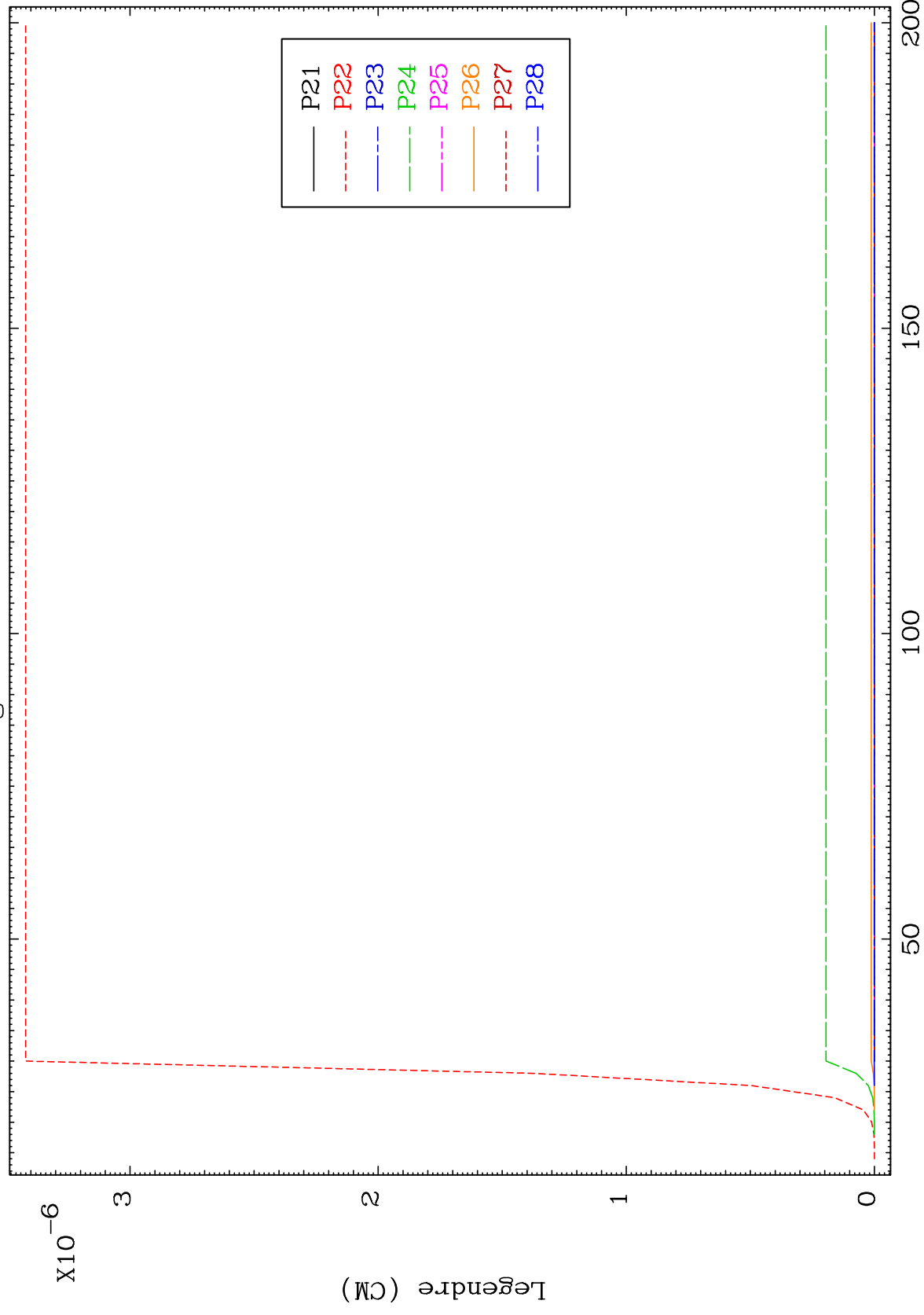




MAT 5443

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

54-Xe-130



73

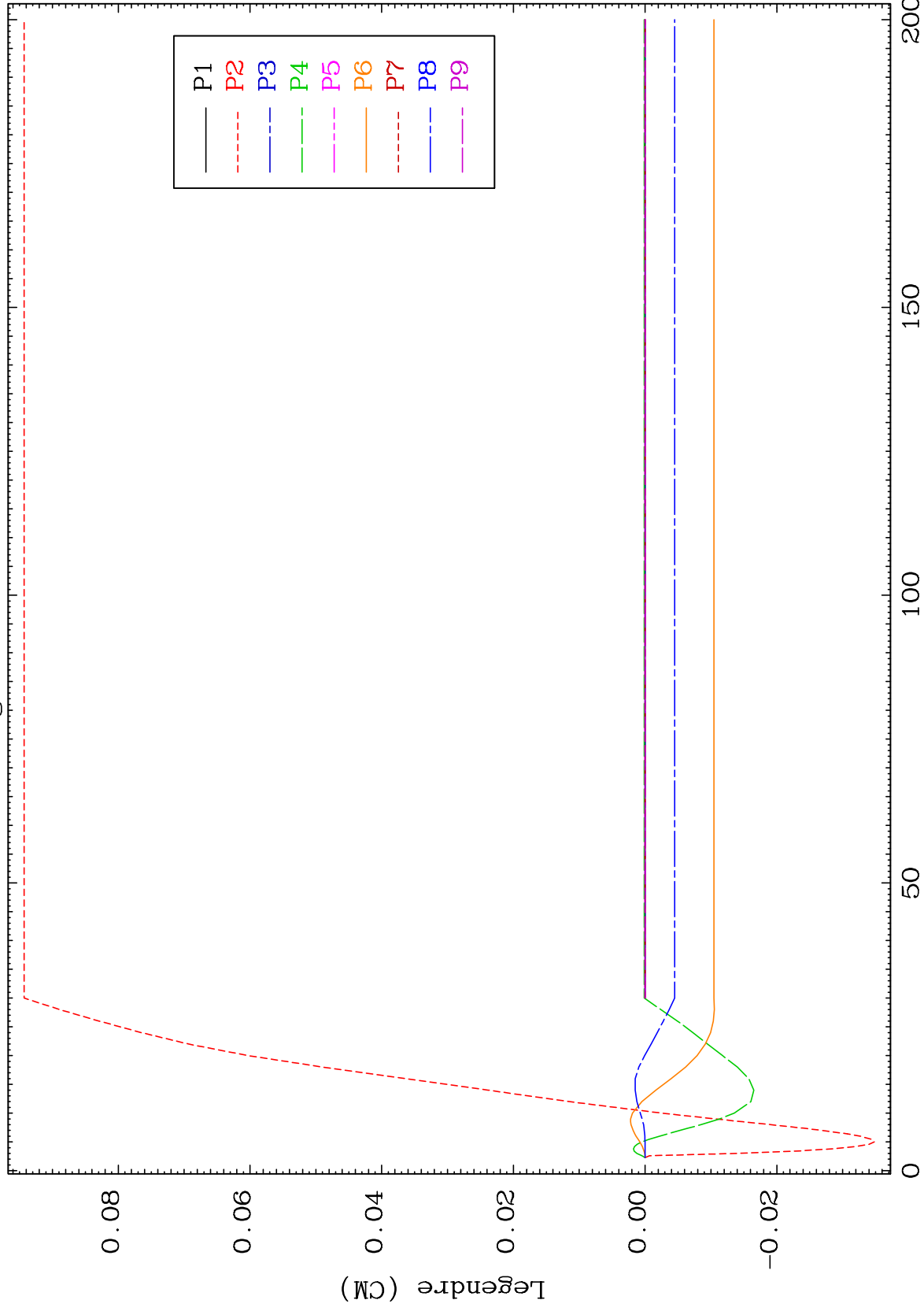
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



74

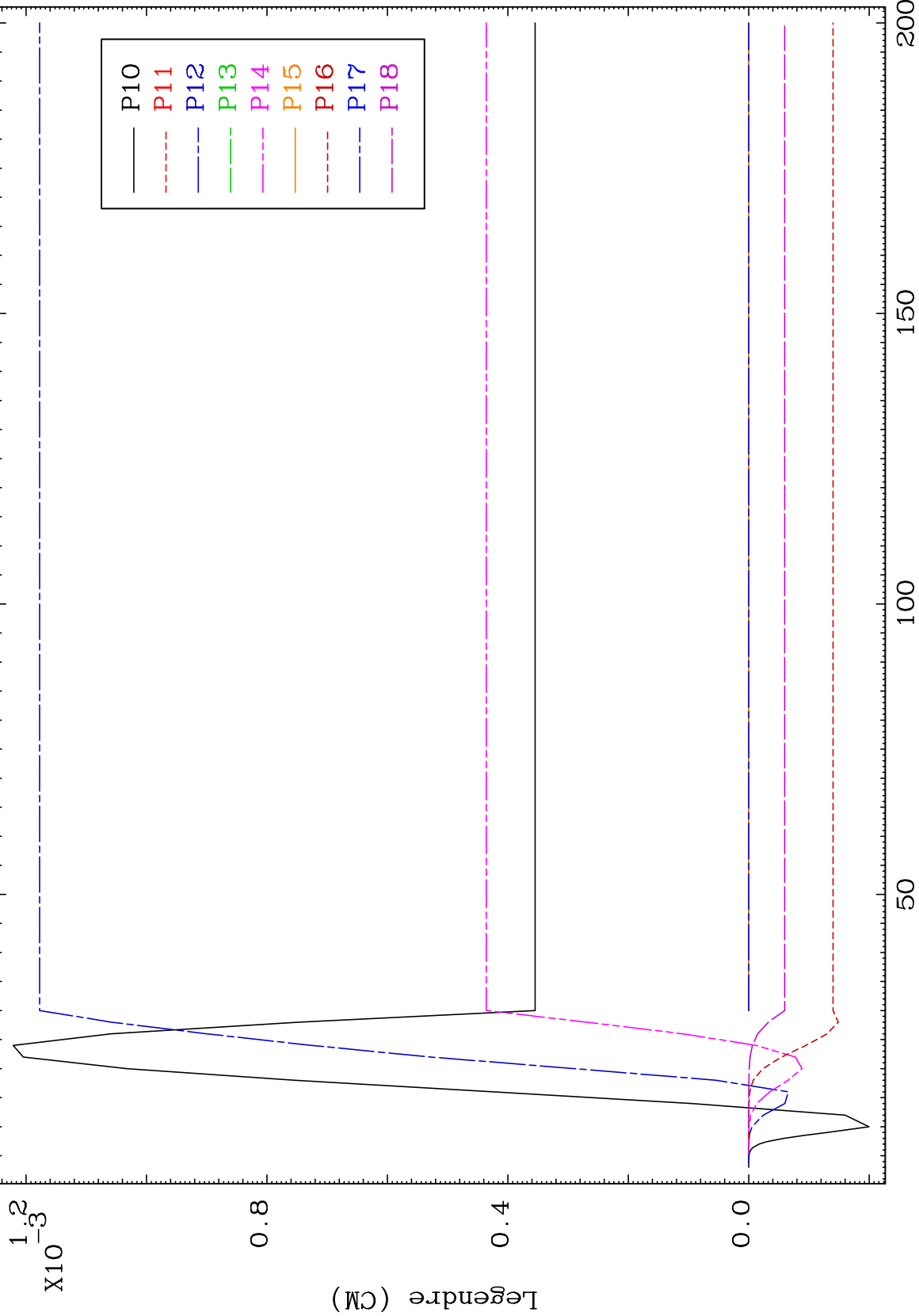
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



75

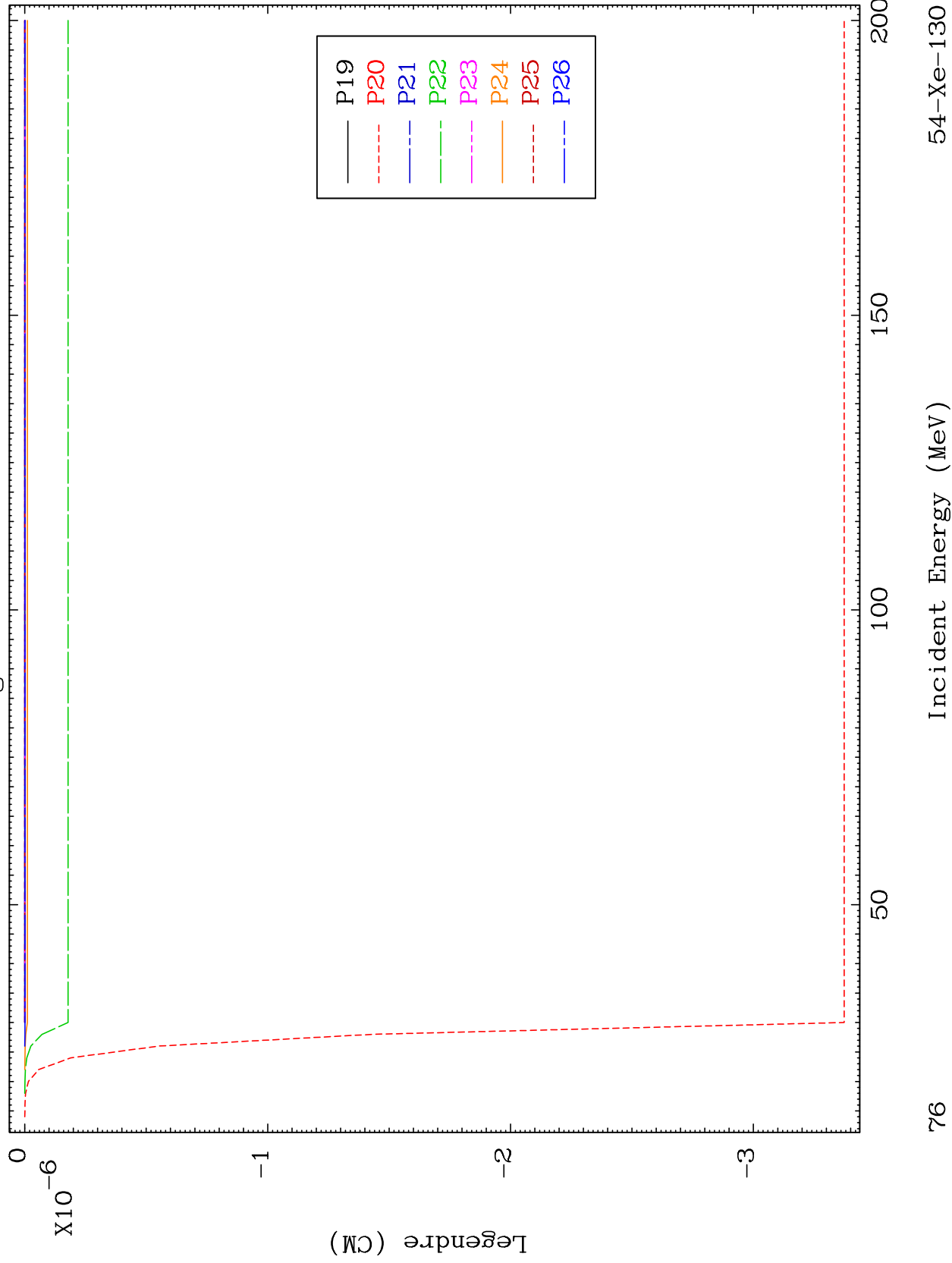
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



76

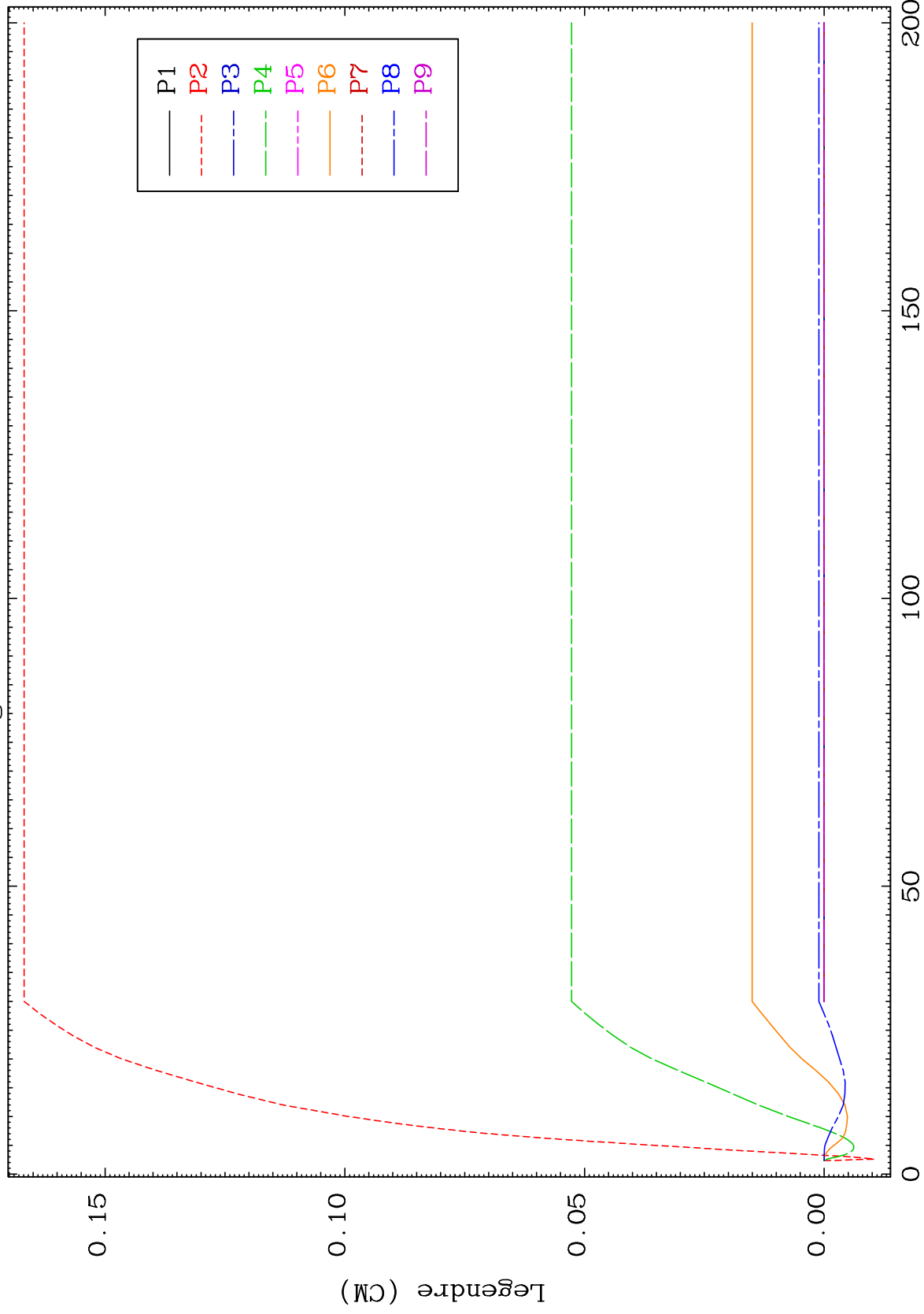
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



77

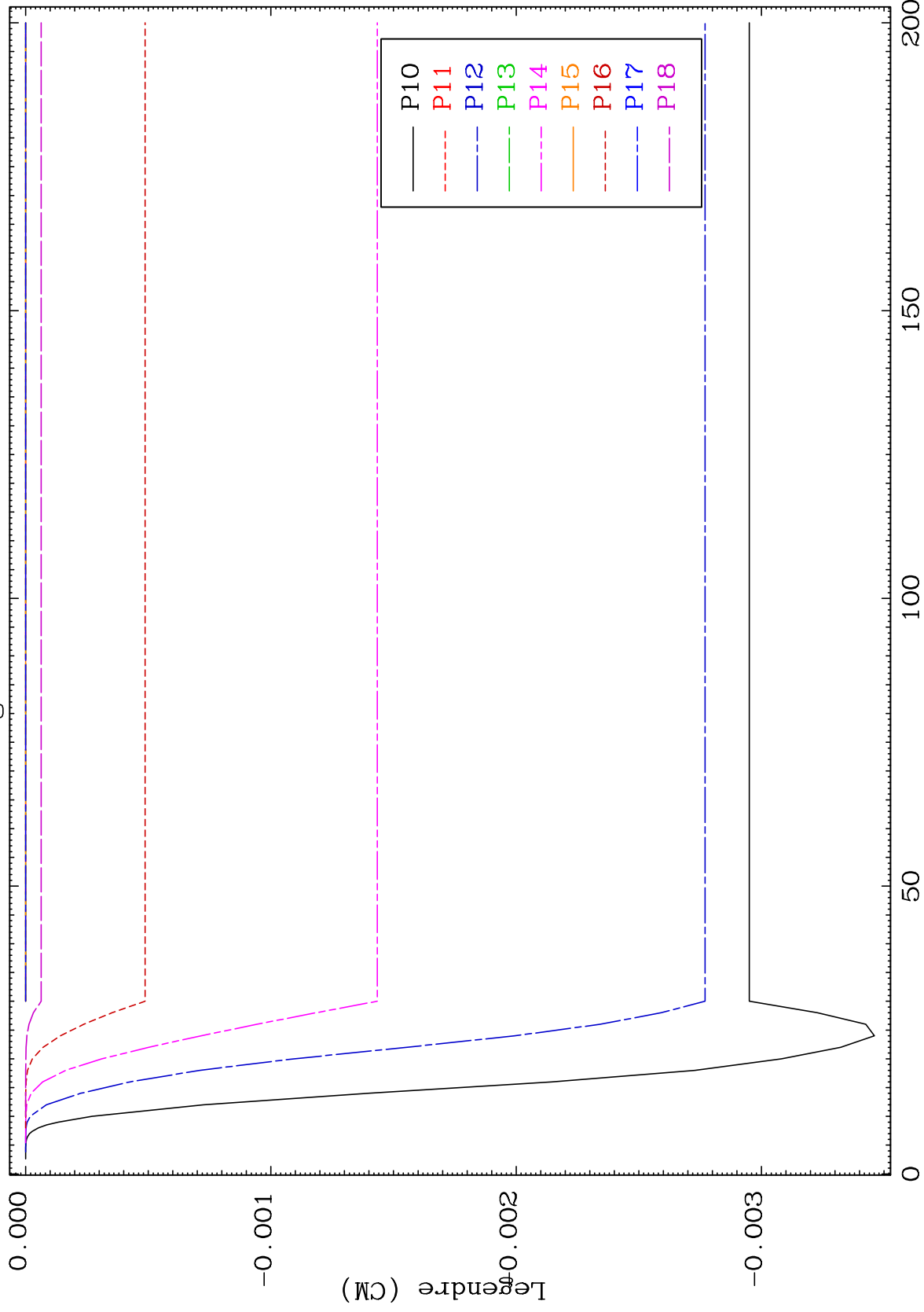
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



78

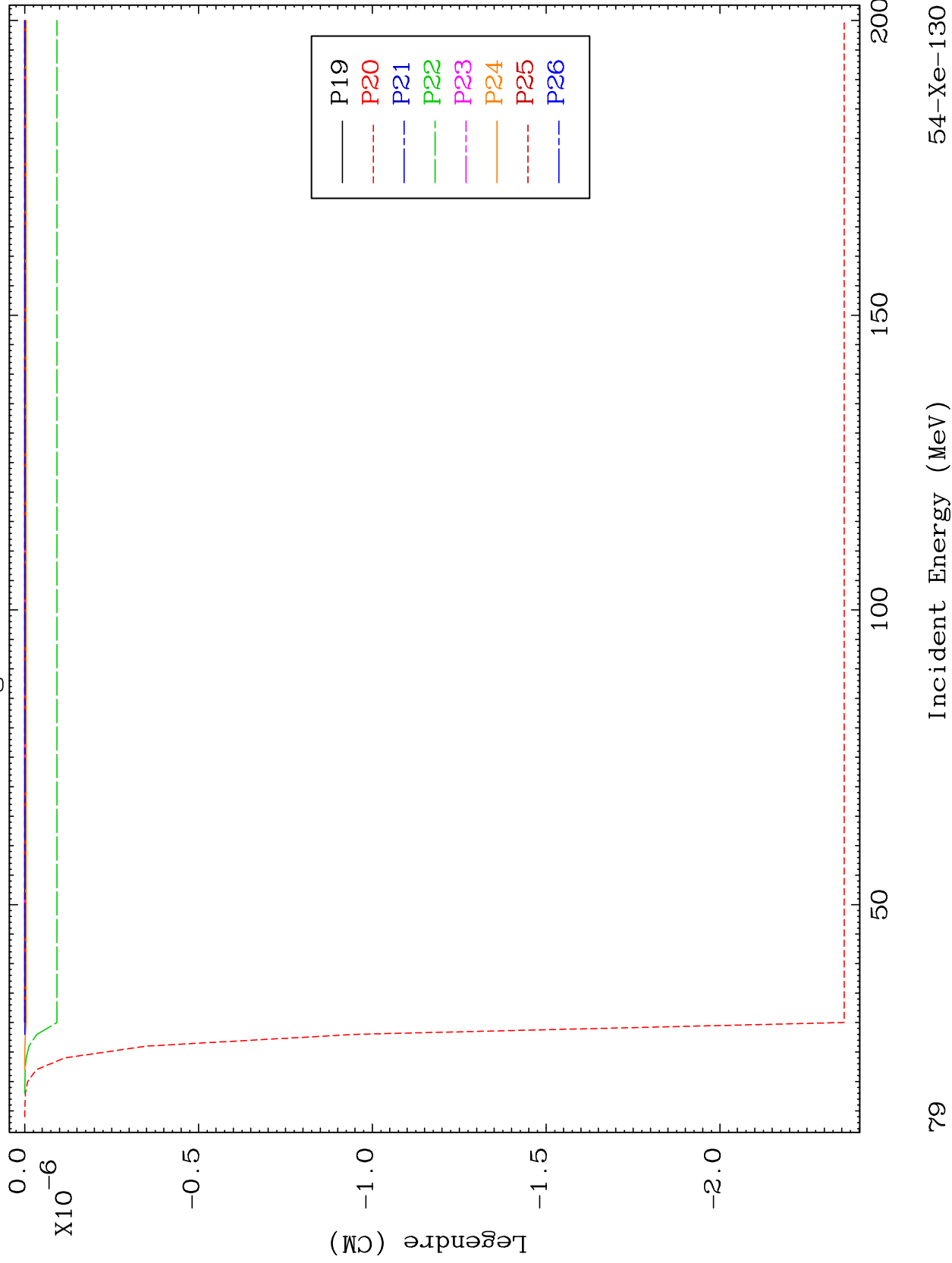
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

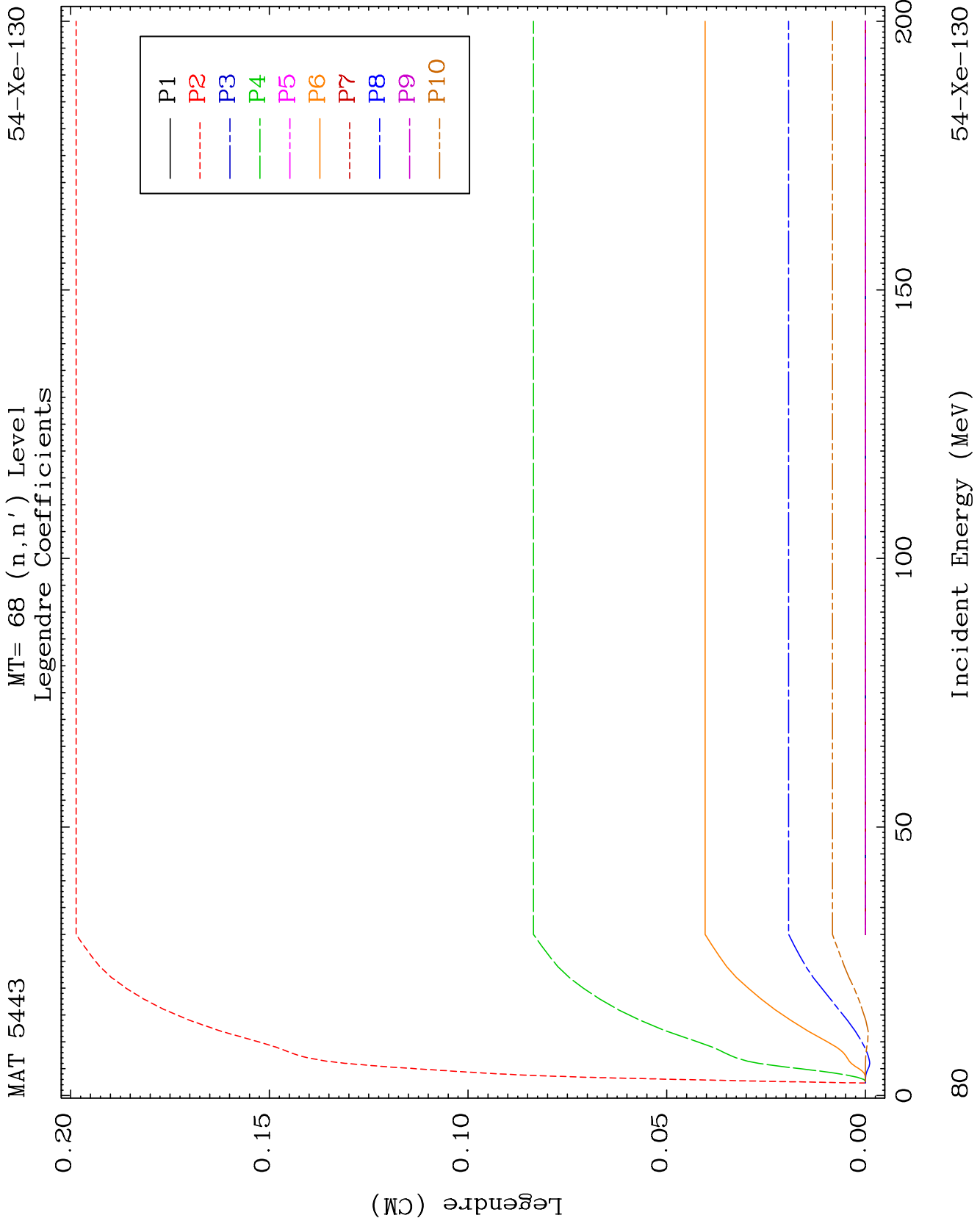
54-Xe-130



79

Incident Energy (MeV)

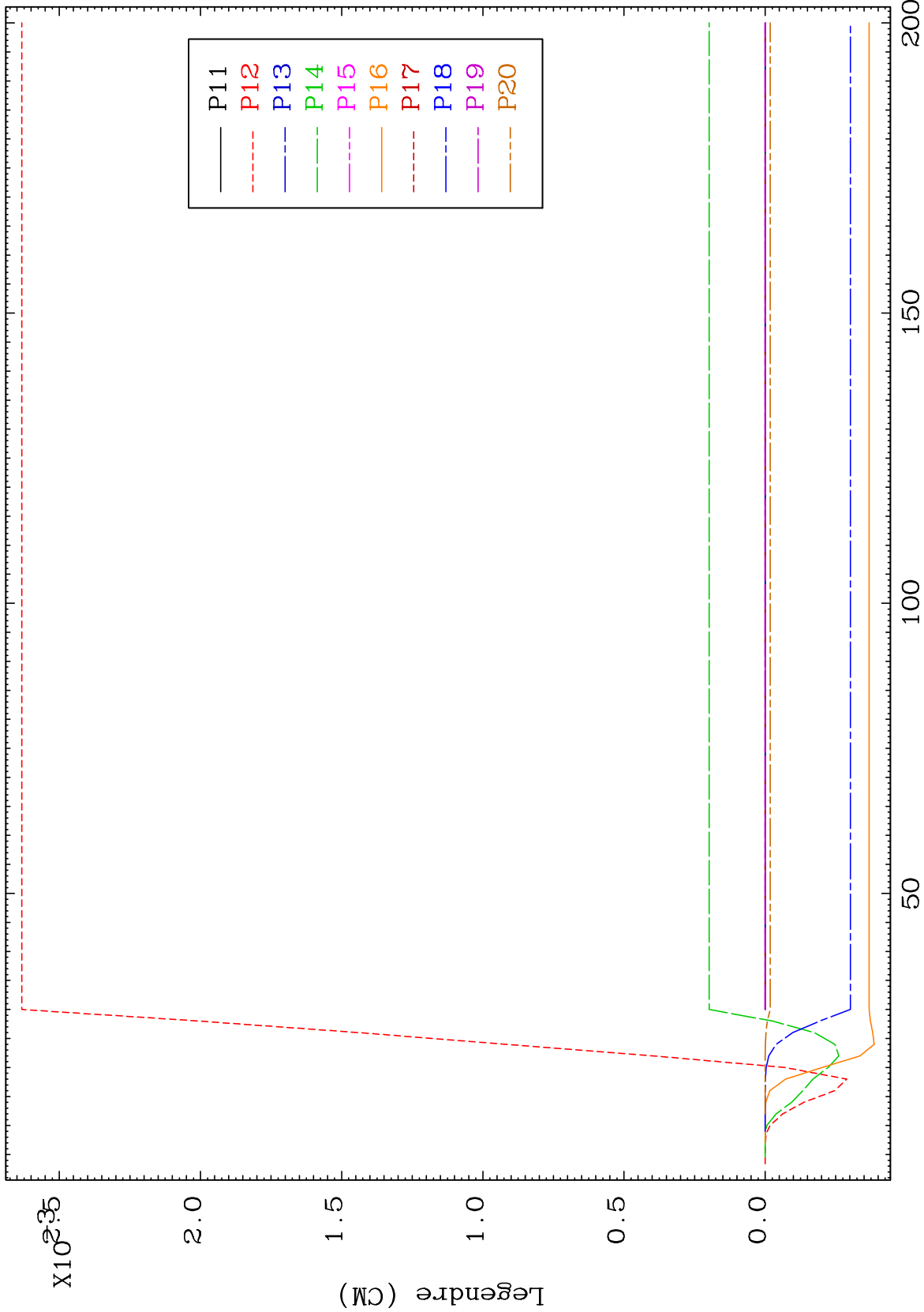
54-Xe-130



MAT 5443

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

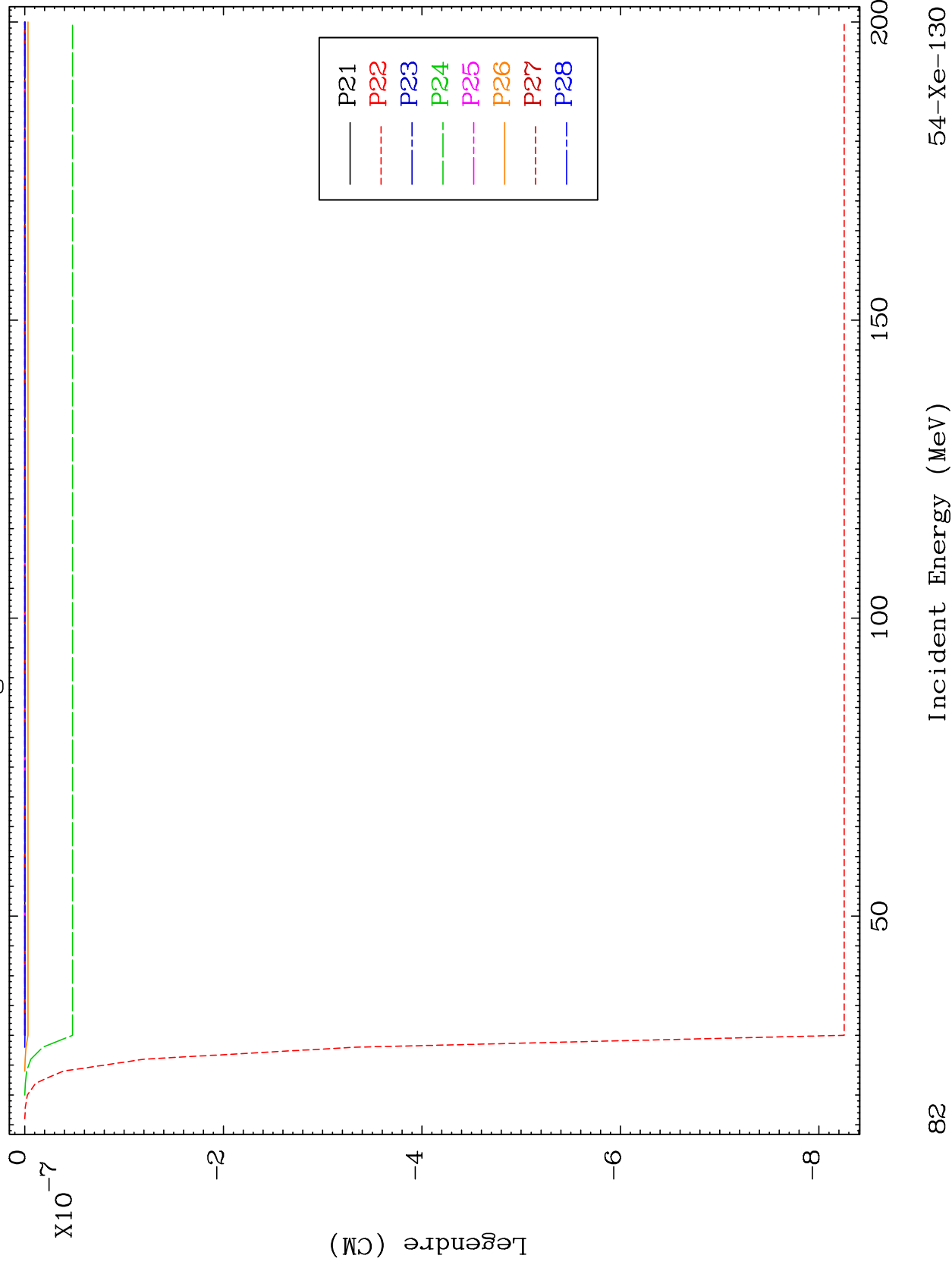
54-Xe-130



MAT 5443

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

54-Xe-130



82

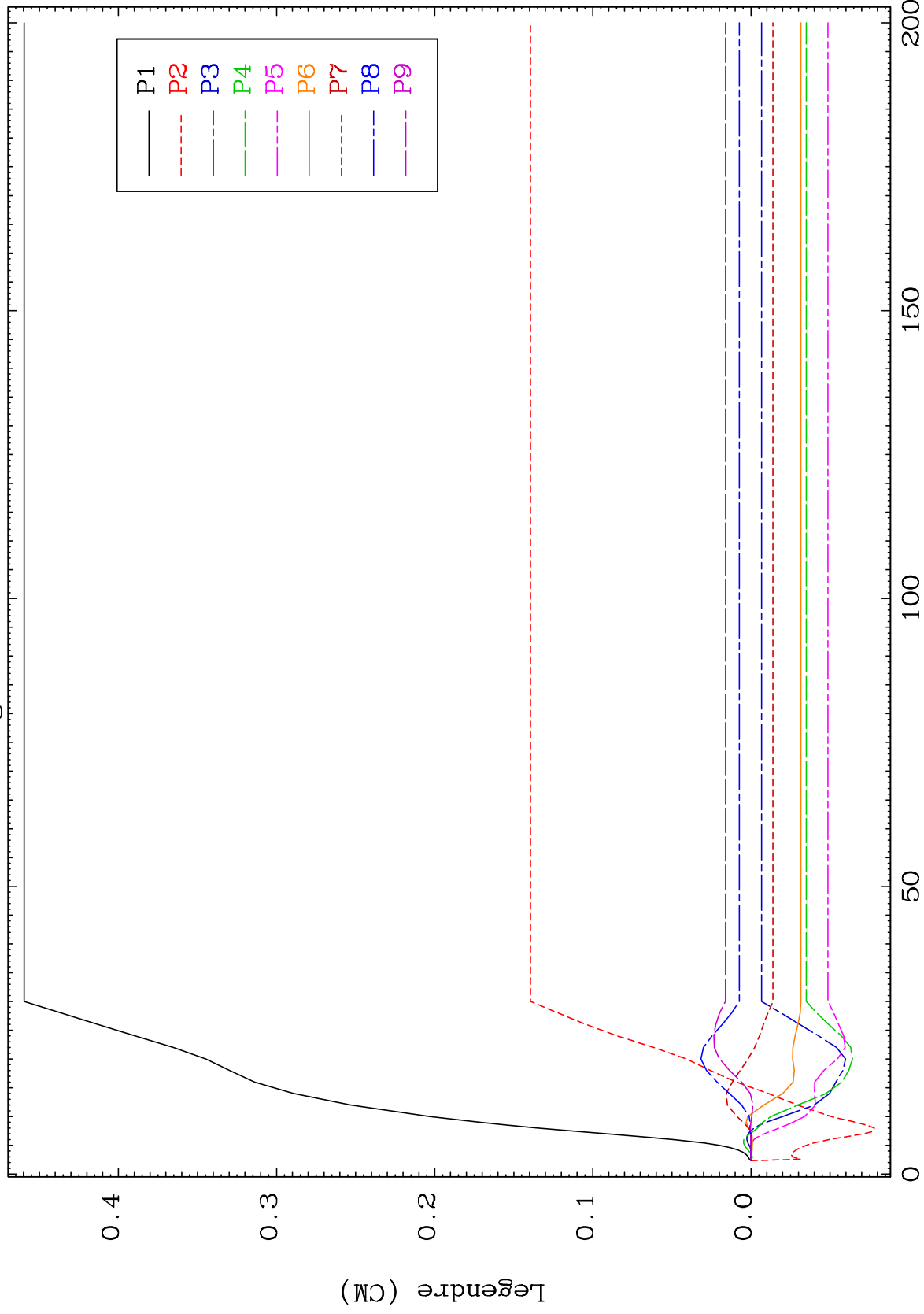
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



83

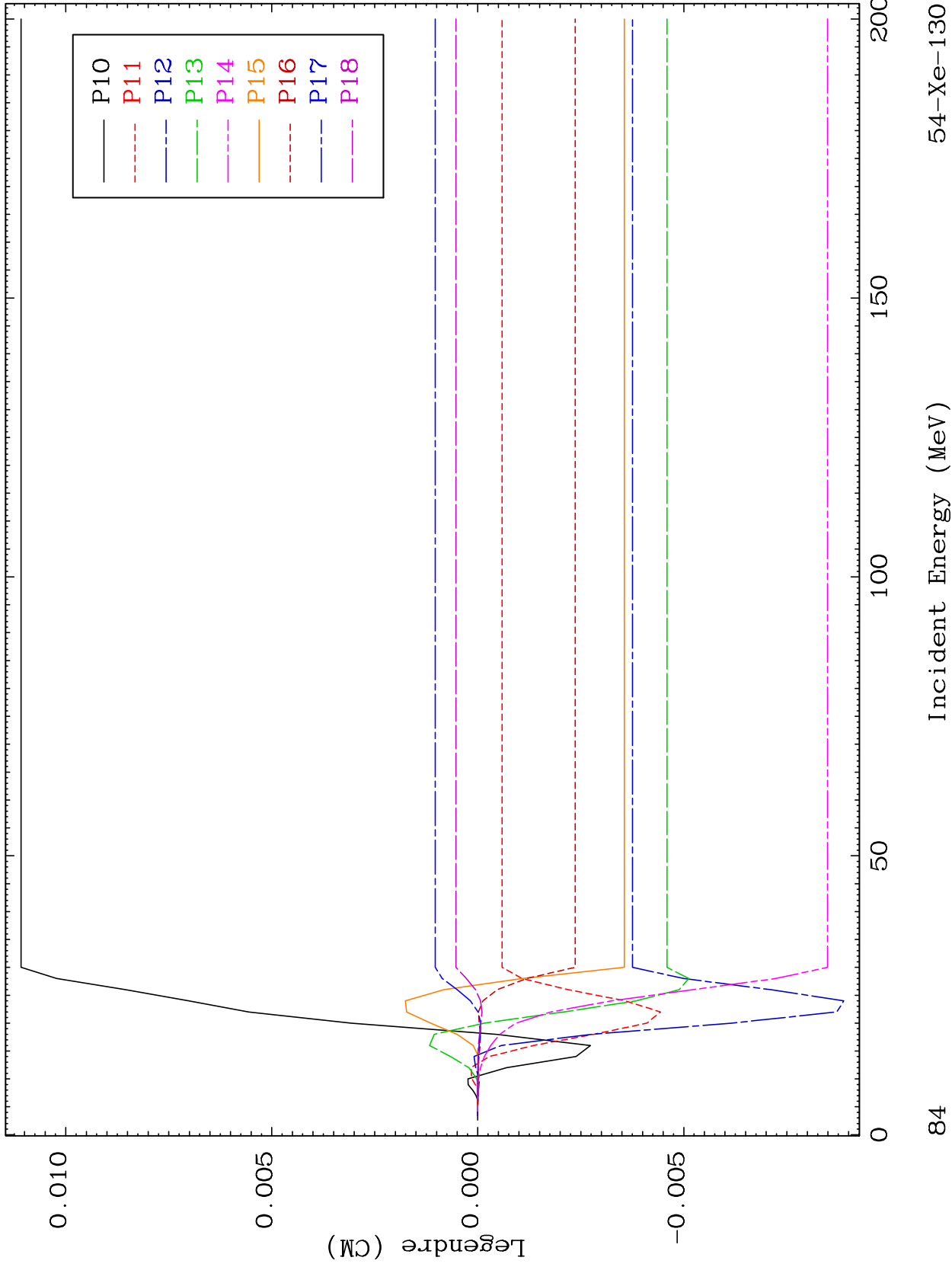
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



84

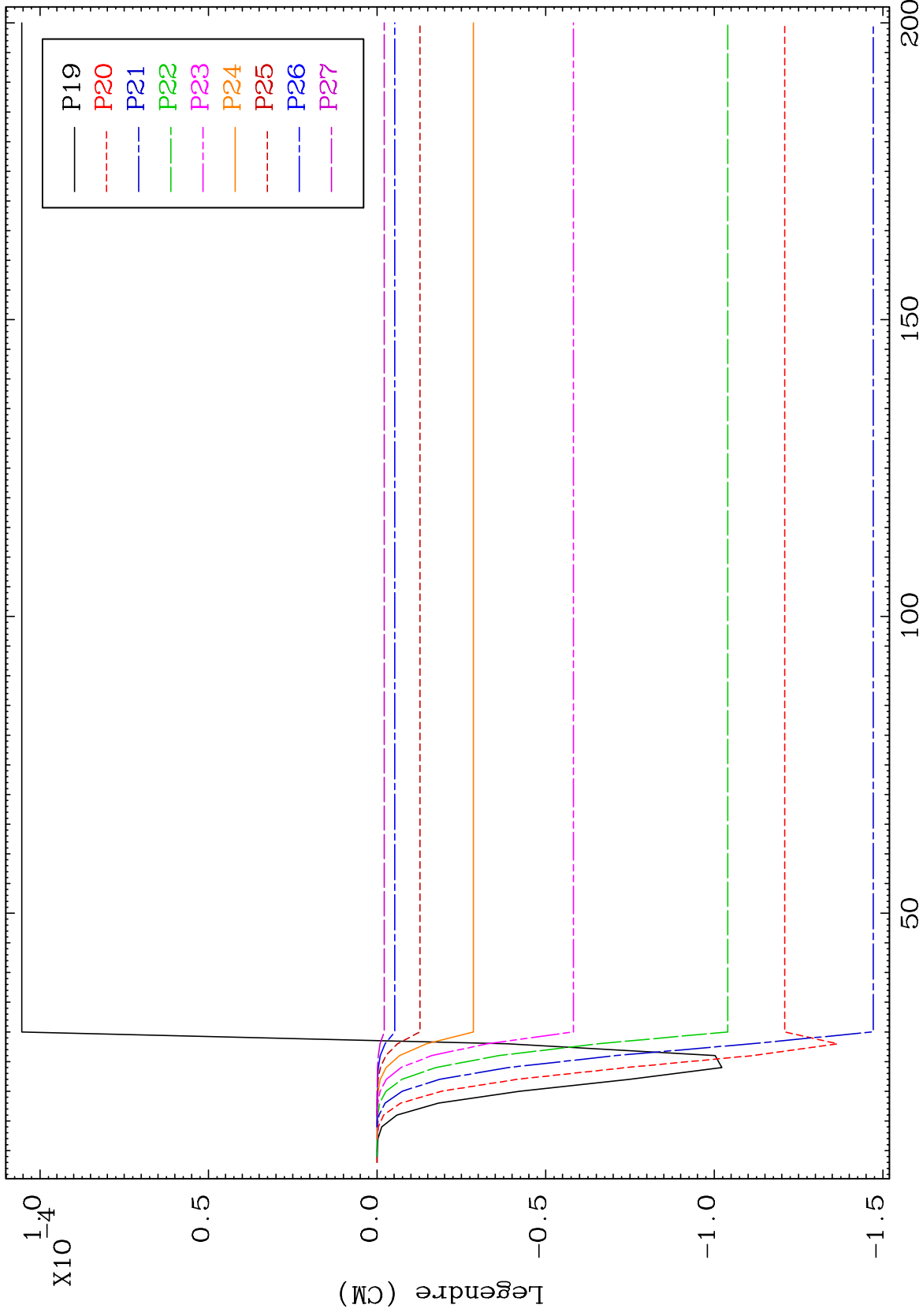
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



85

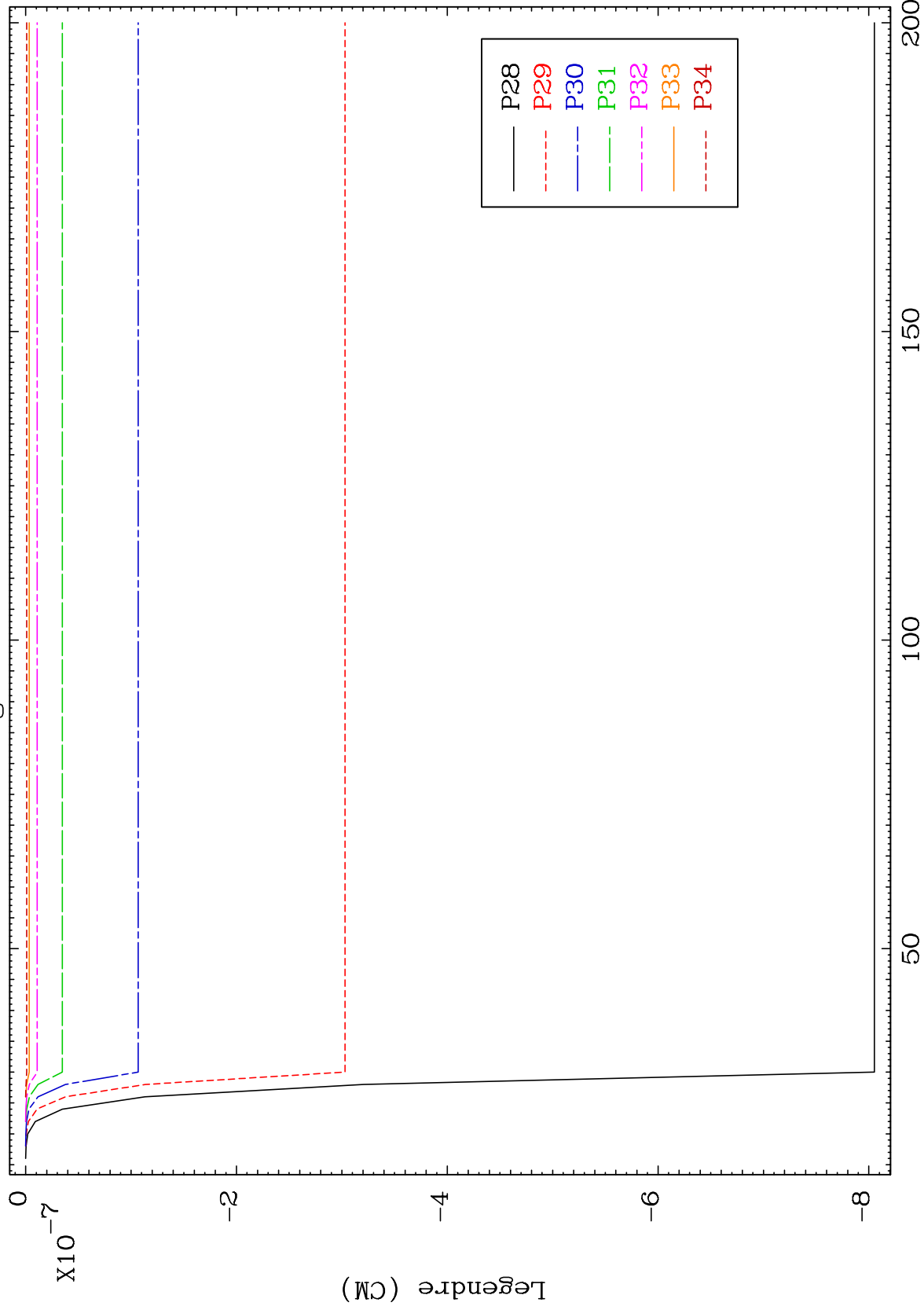
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



86

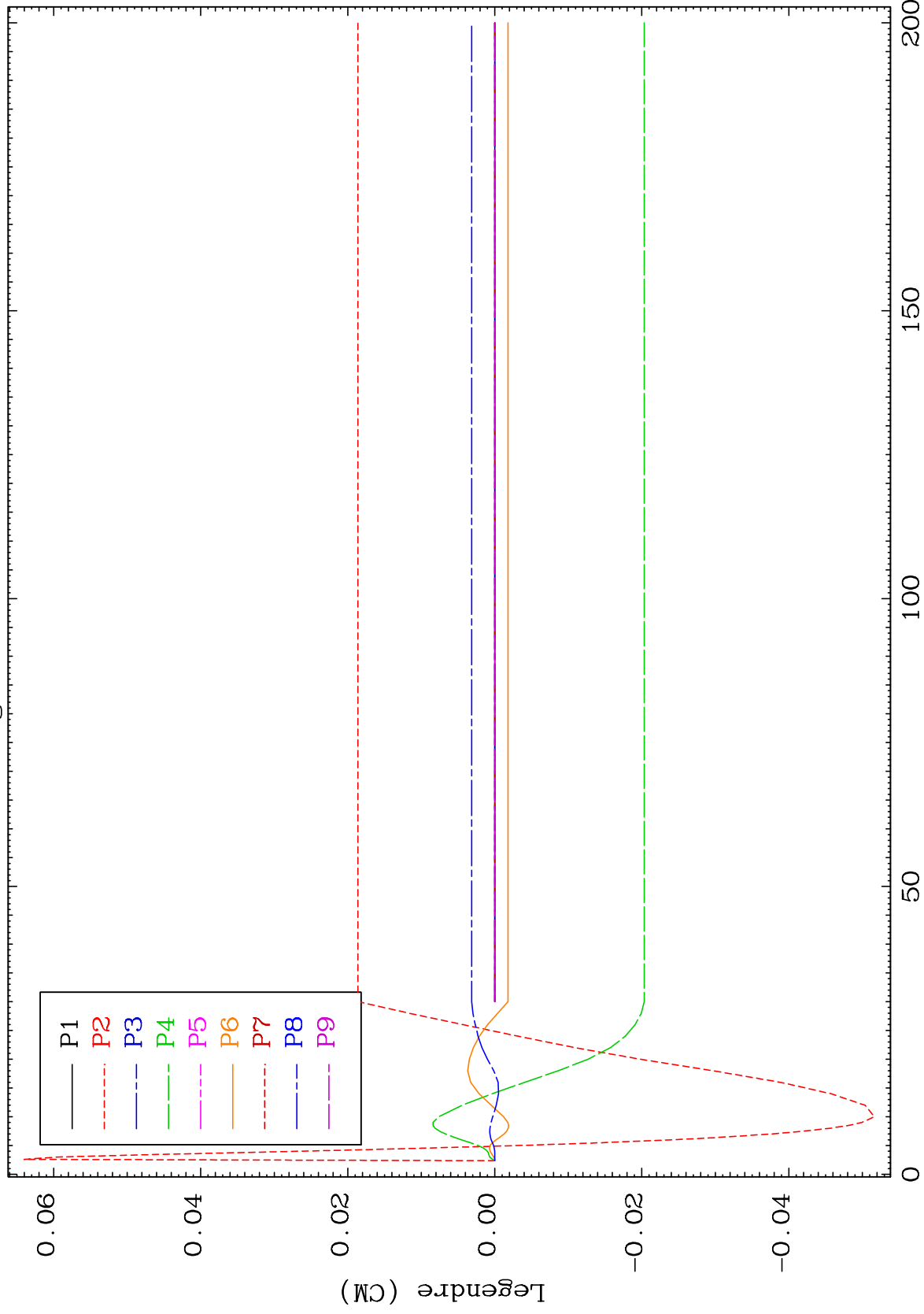
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



87

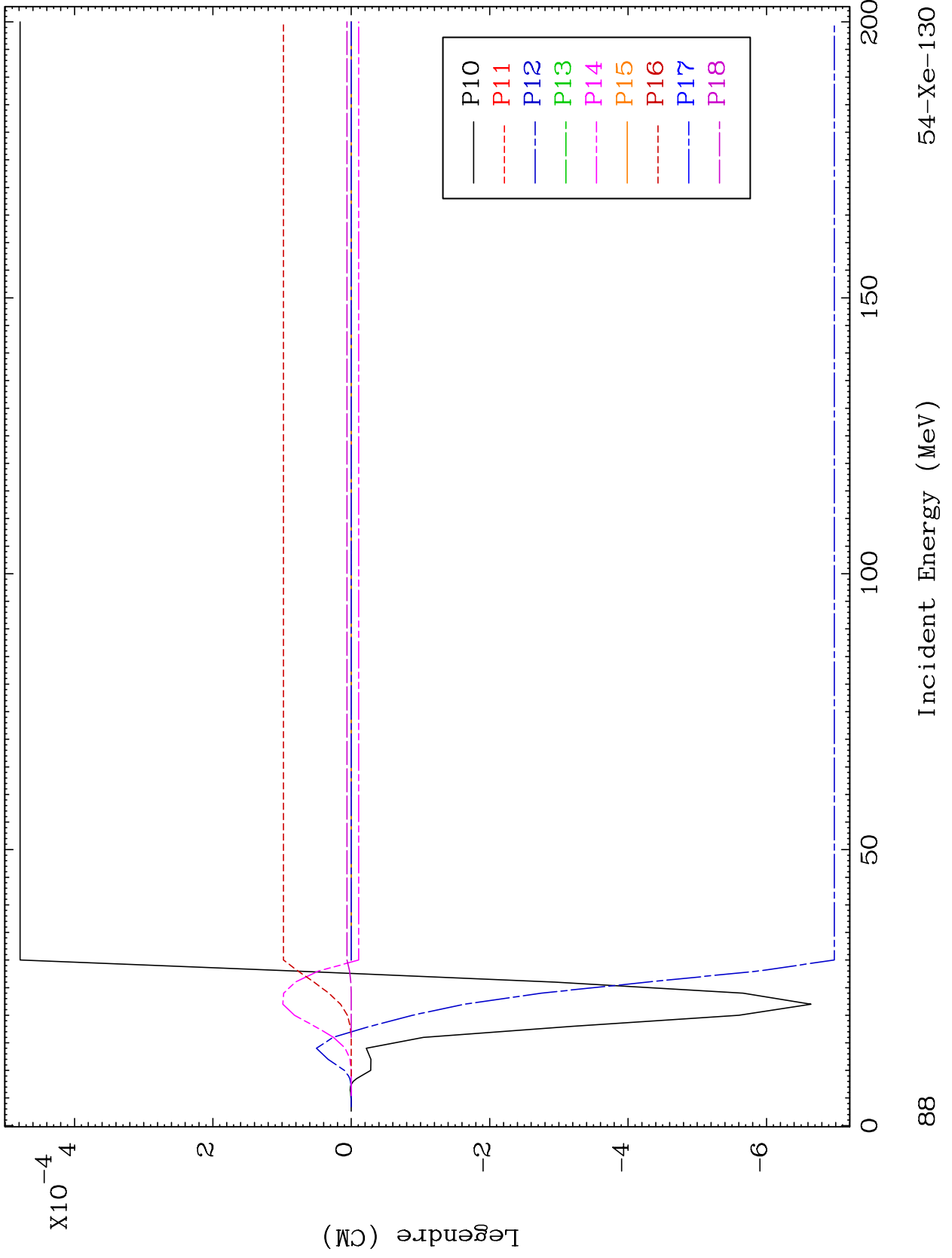
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



88

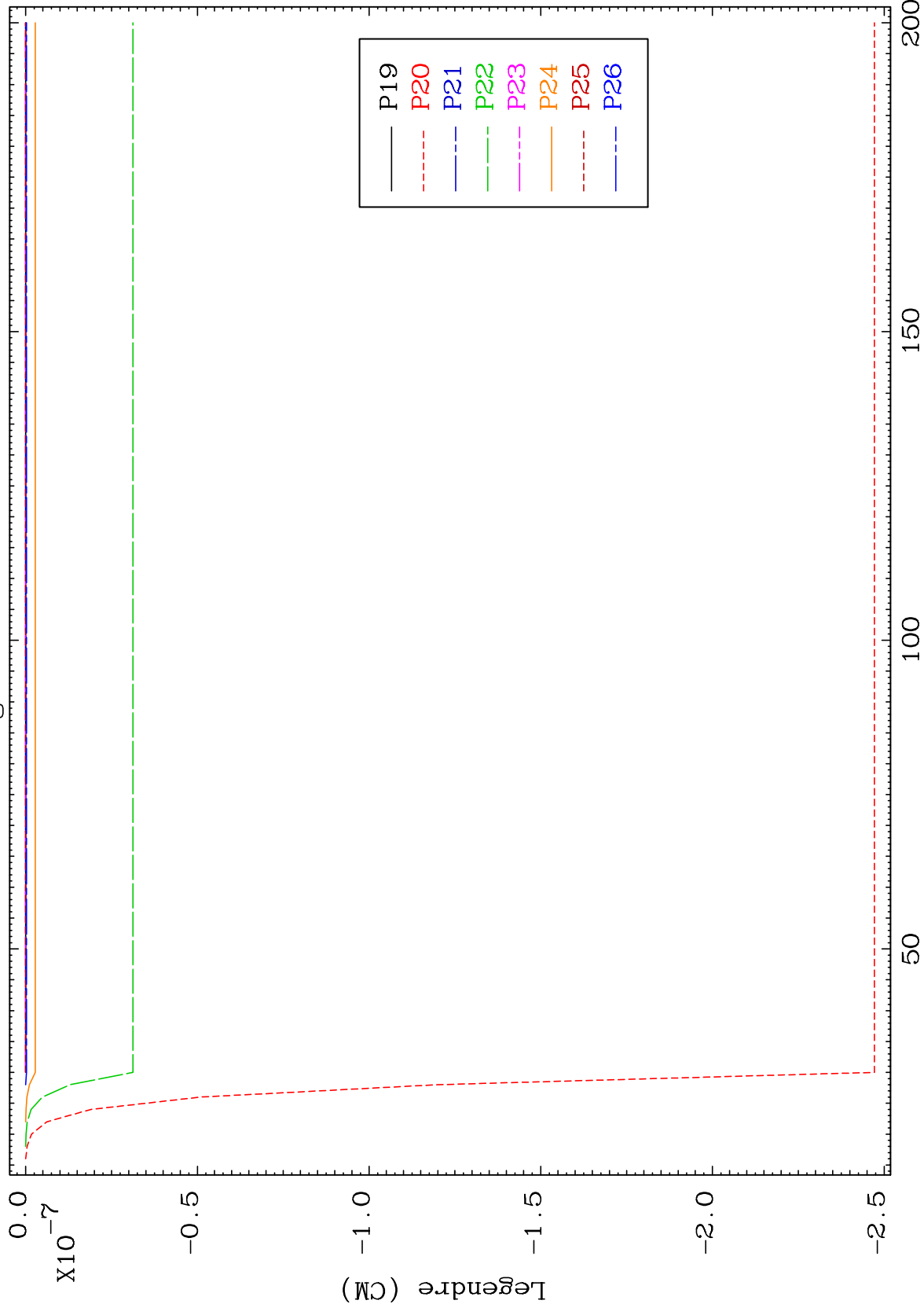
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



89

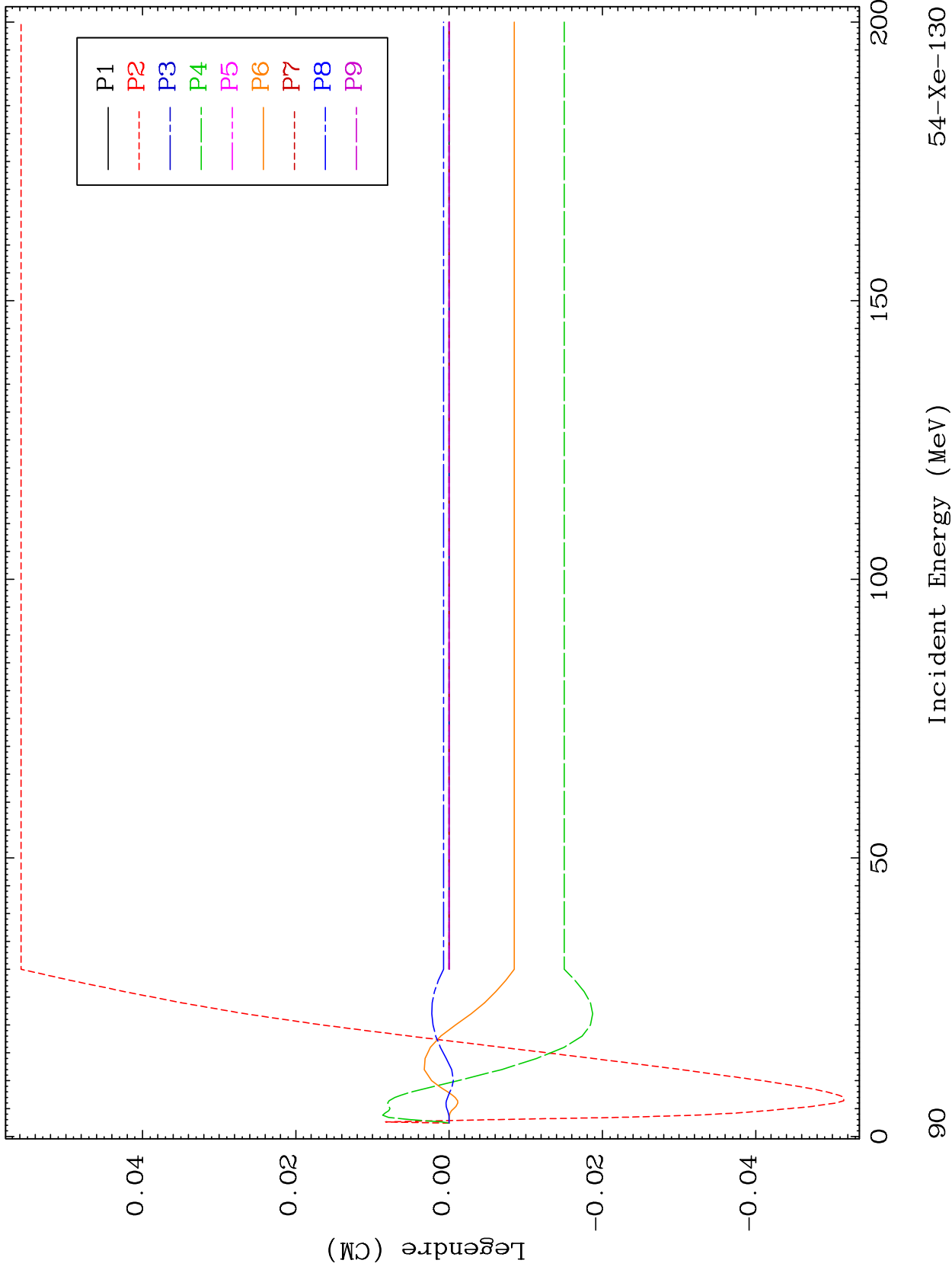
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



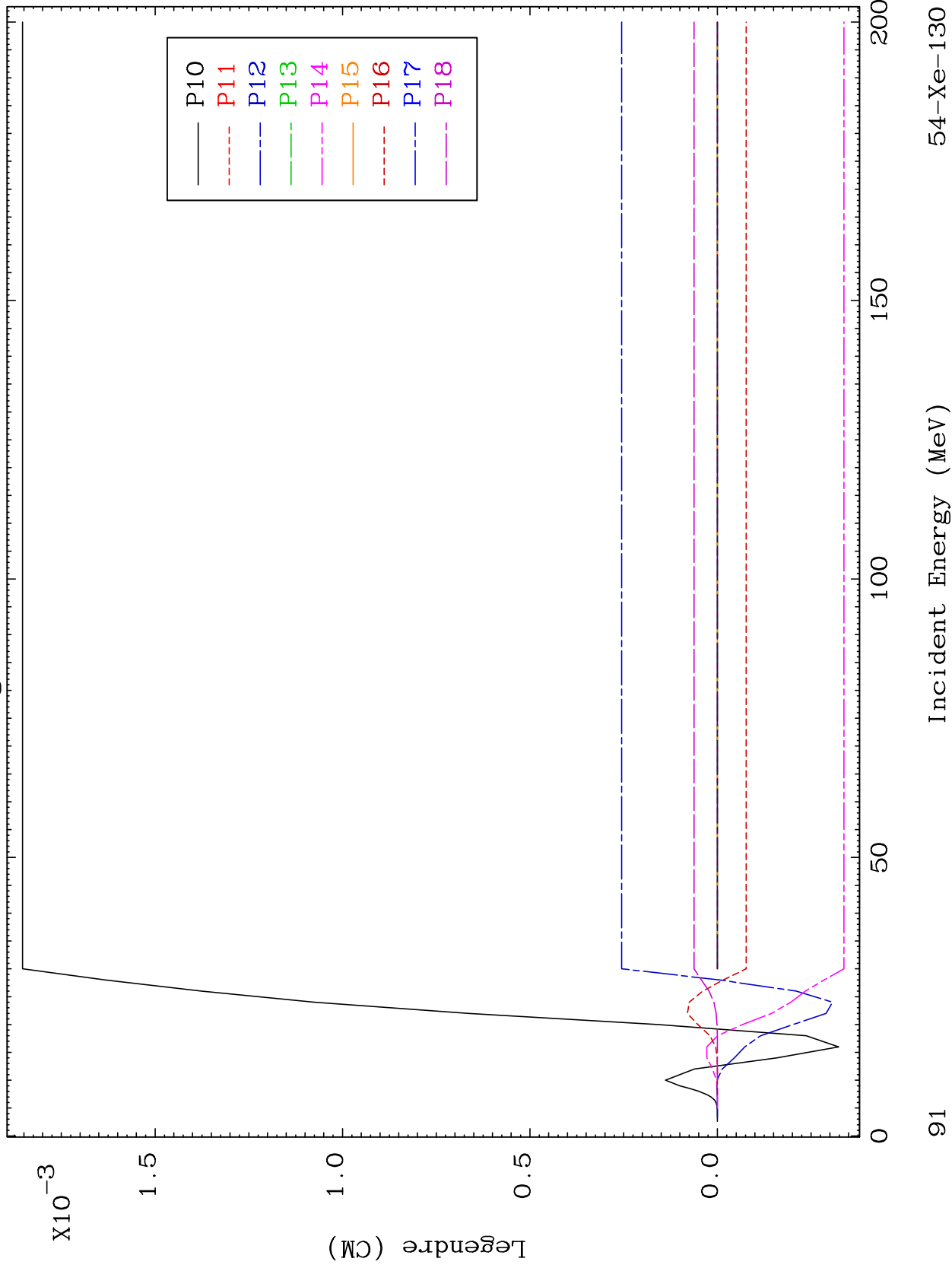
54-Xe-130

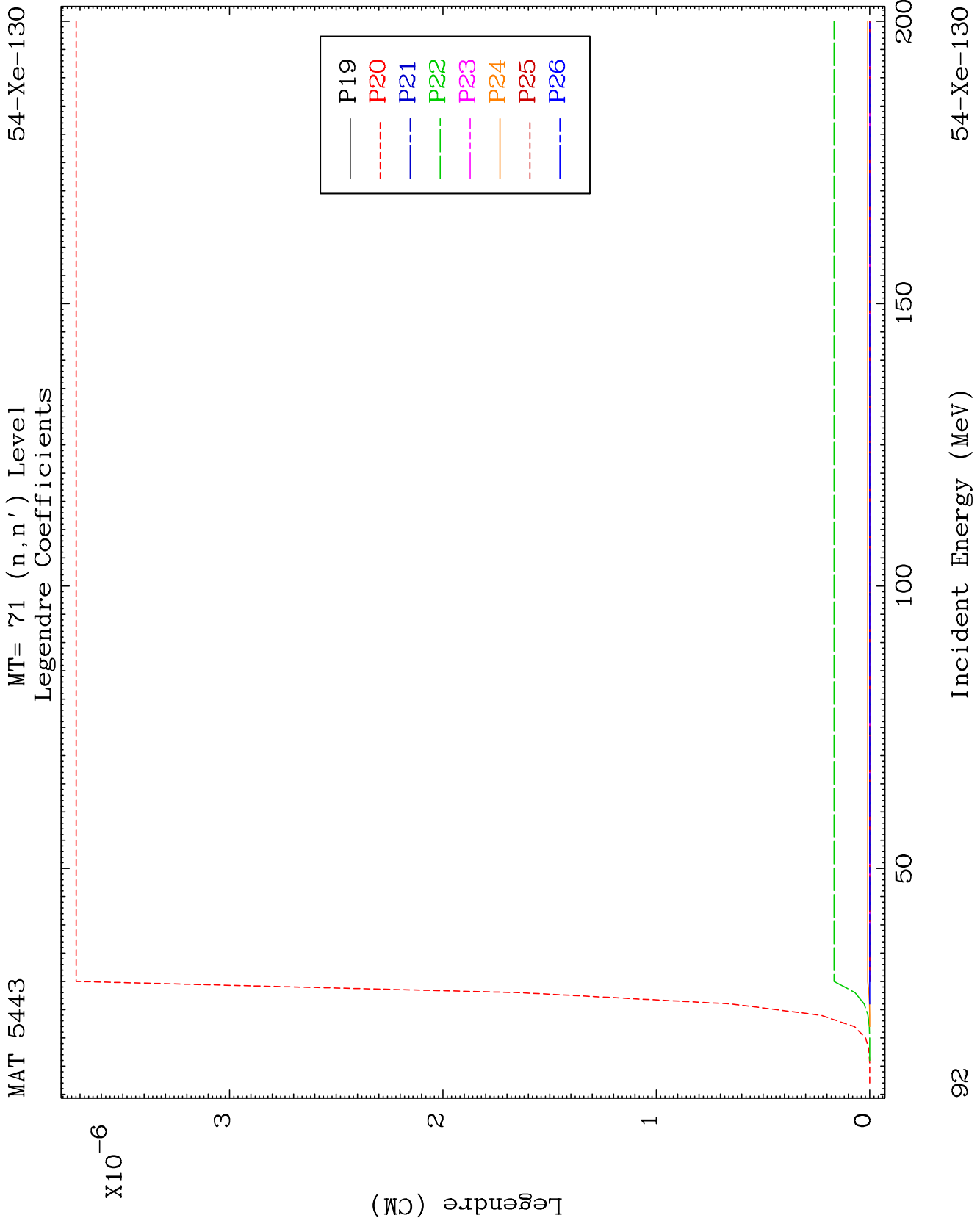
Incident Energy (MeV)

MAT 5443

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

54-Xe-130

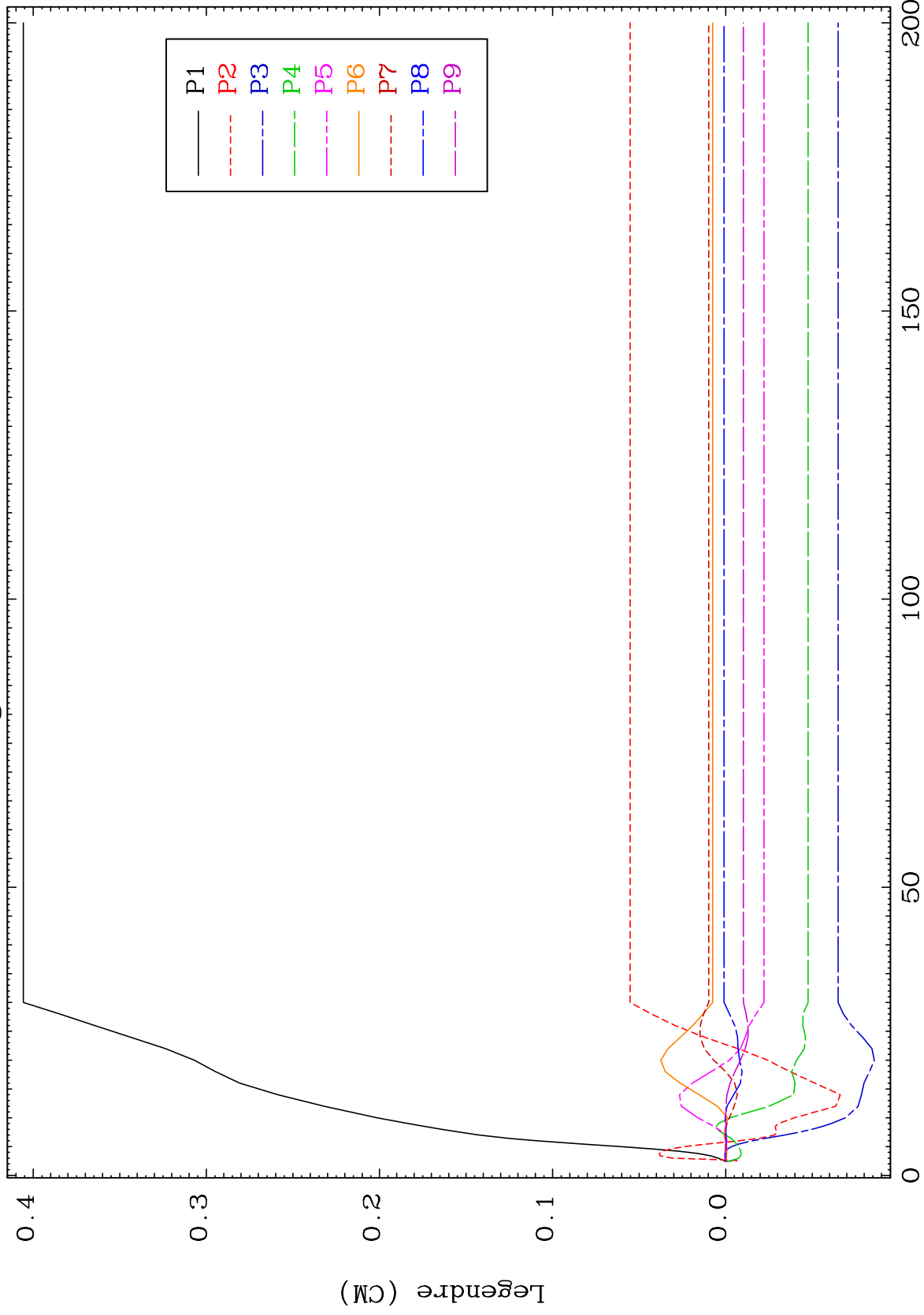




MAT 5443

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

54-Xe-130



93

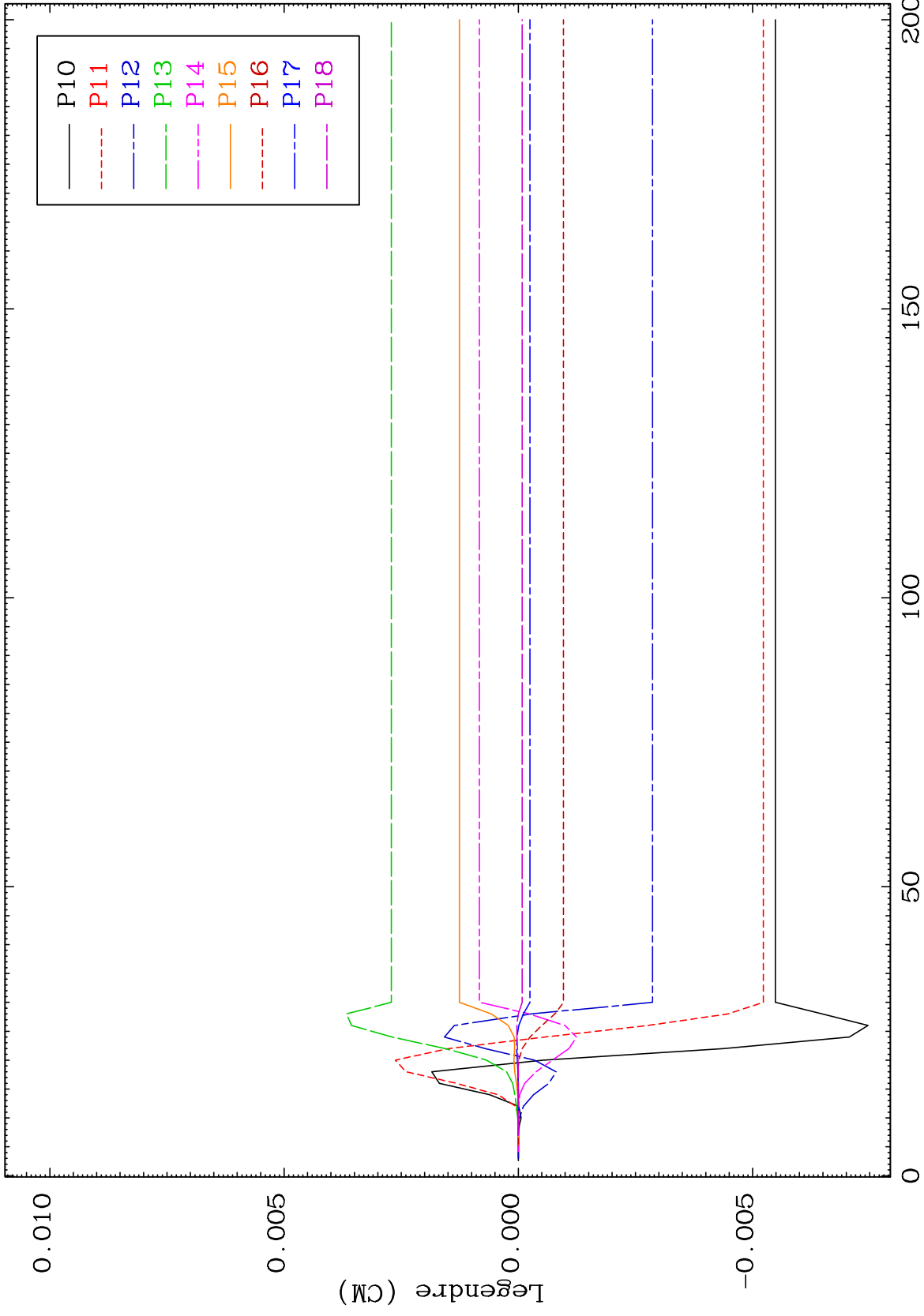
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



94

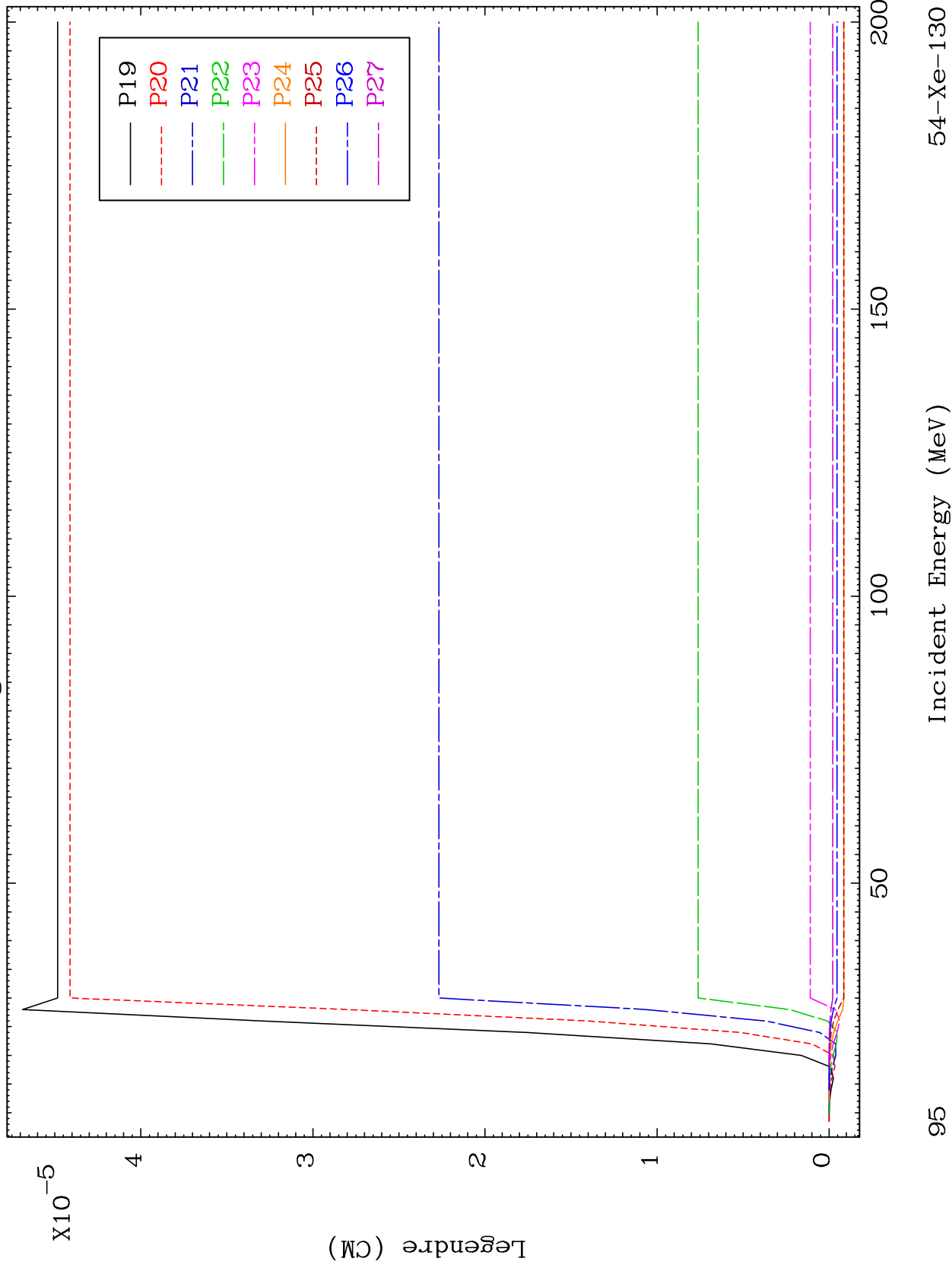
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



95

Incident Energy (MeV)

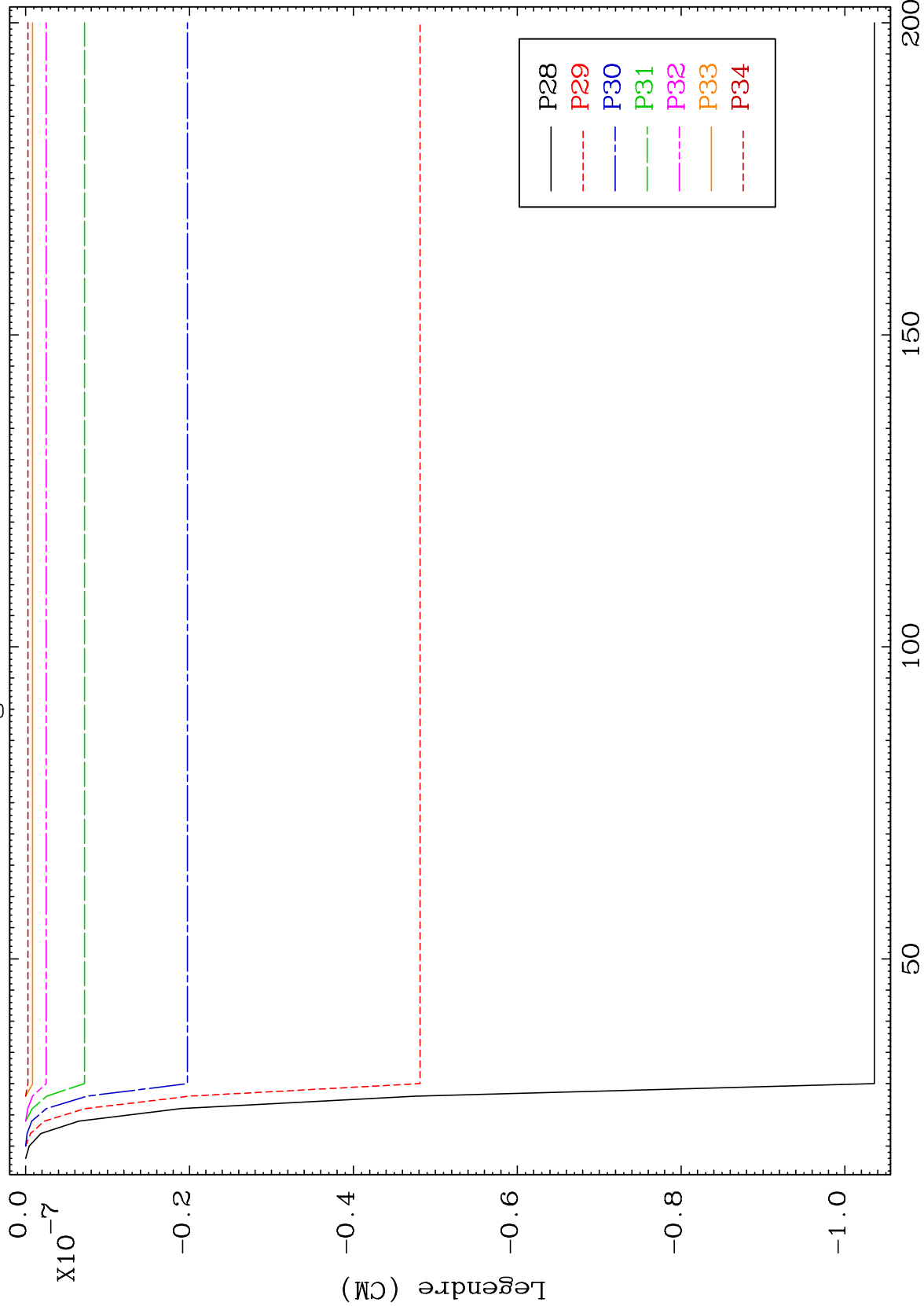
54-Xe-130

MAT 5443

MT= 72 (n,n') Level

54-Xe-130

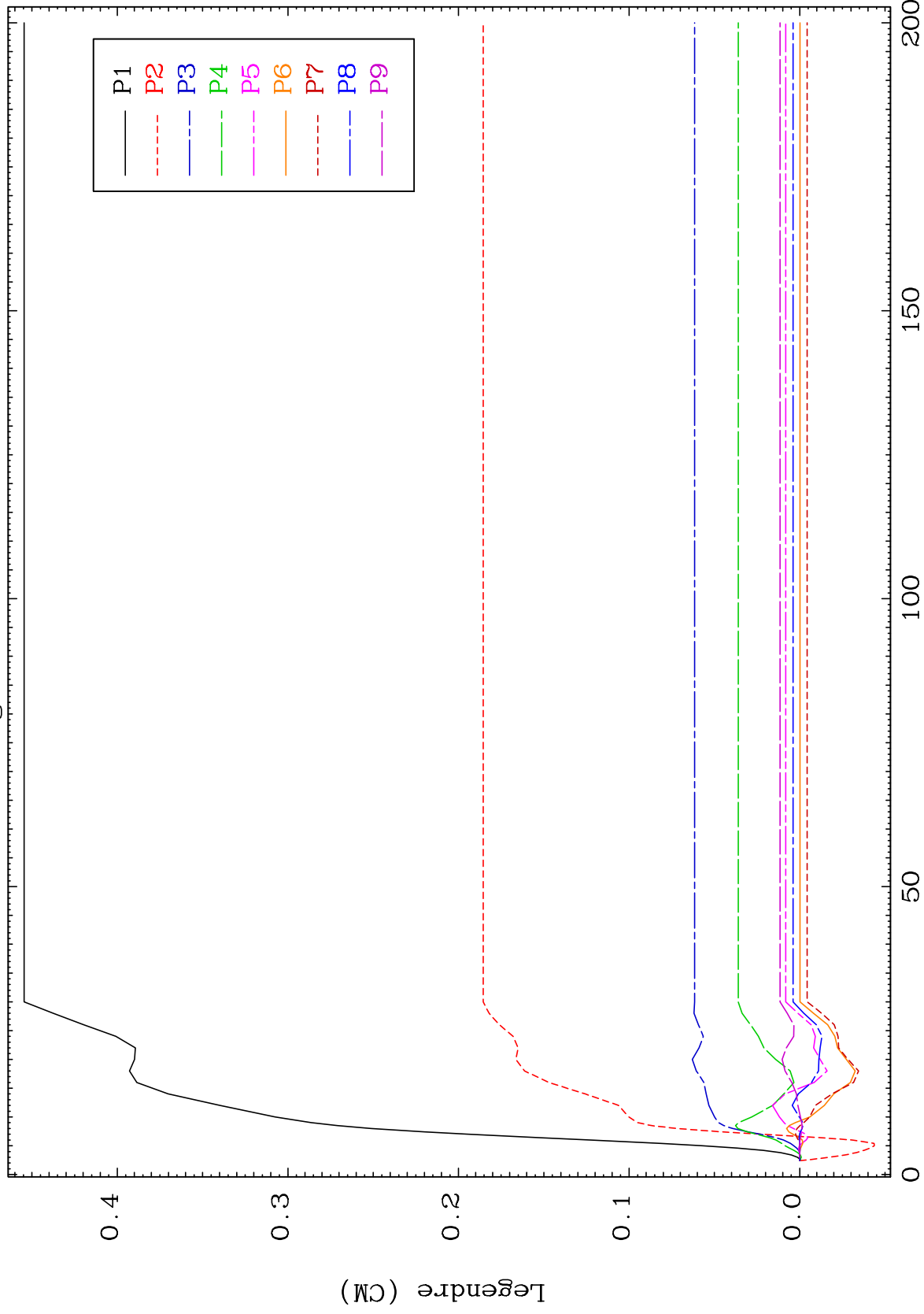
Legendre Coefficients



MAT 5443

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

54-Xe-130



97

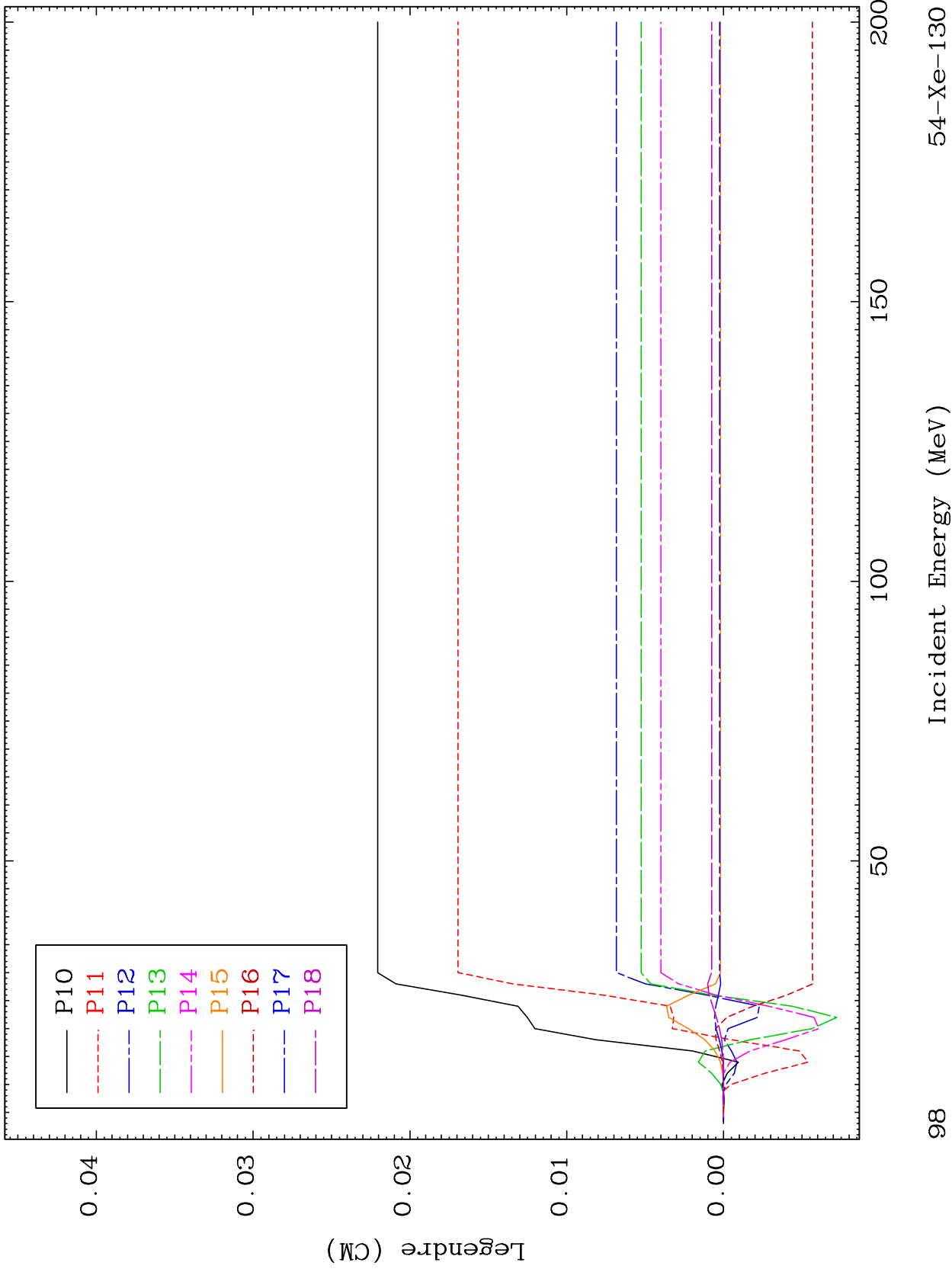
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



98

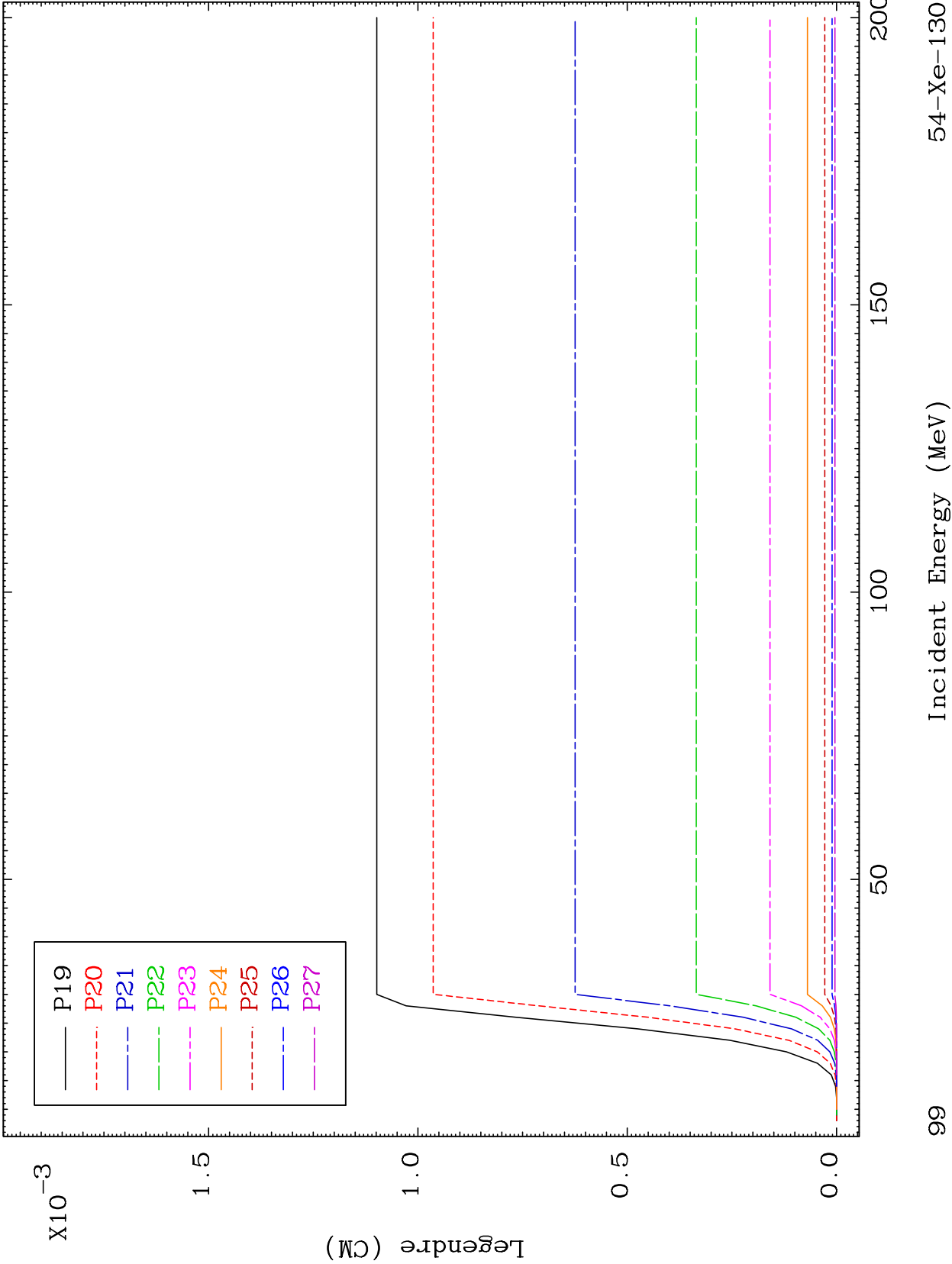
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

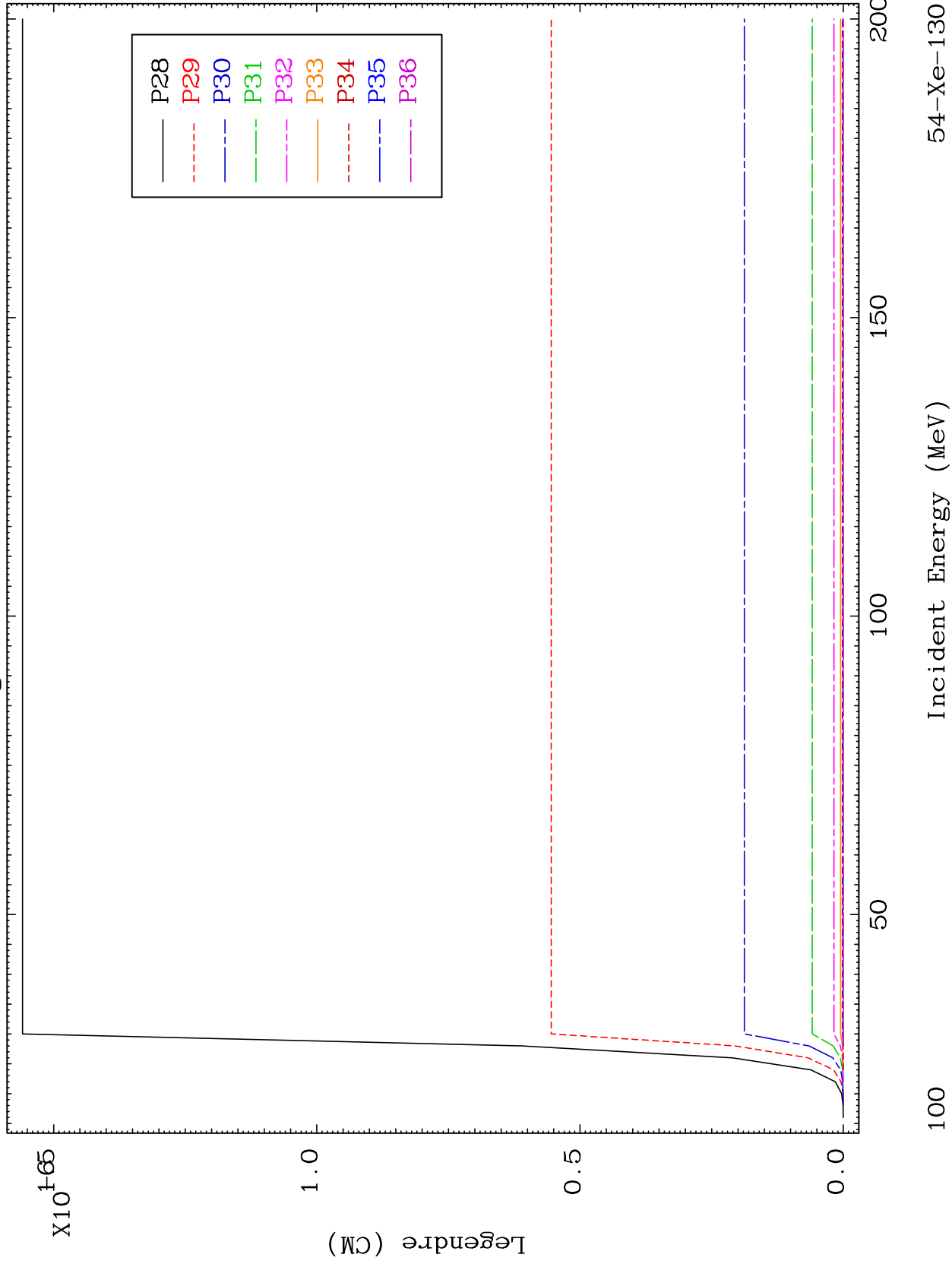
54-Xe-130



MAT 5443

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

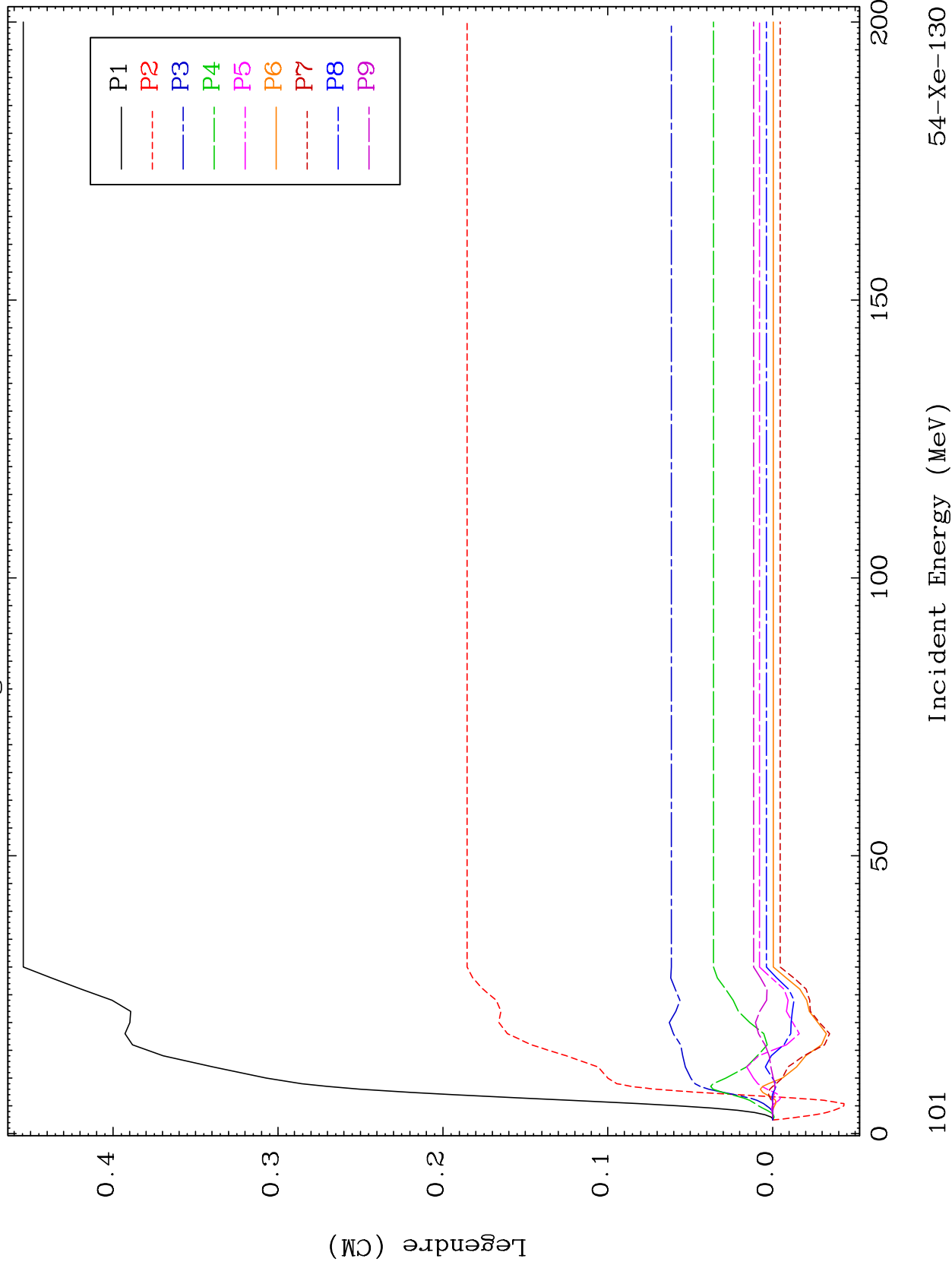
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

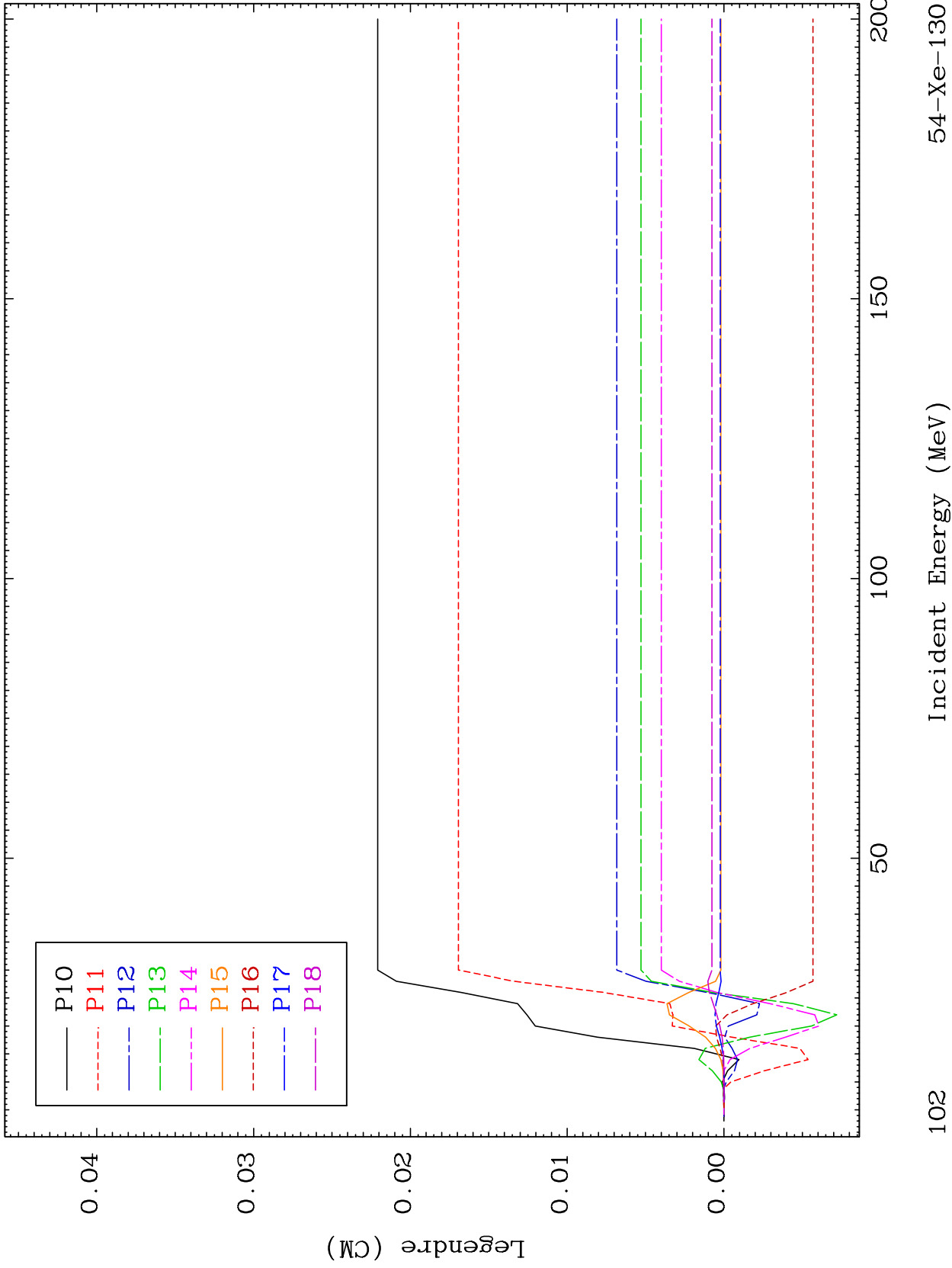
Incident Energy (MeV)

101

MAT 5443

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

54-Xe-130



102

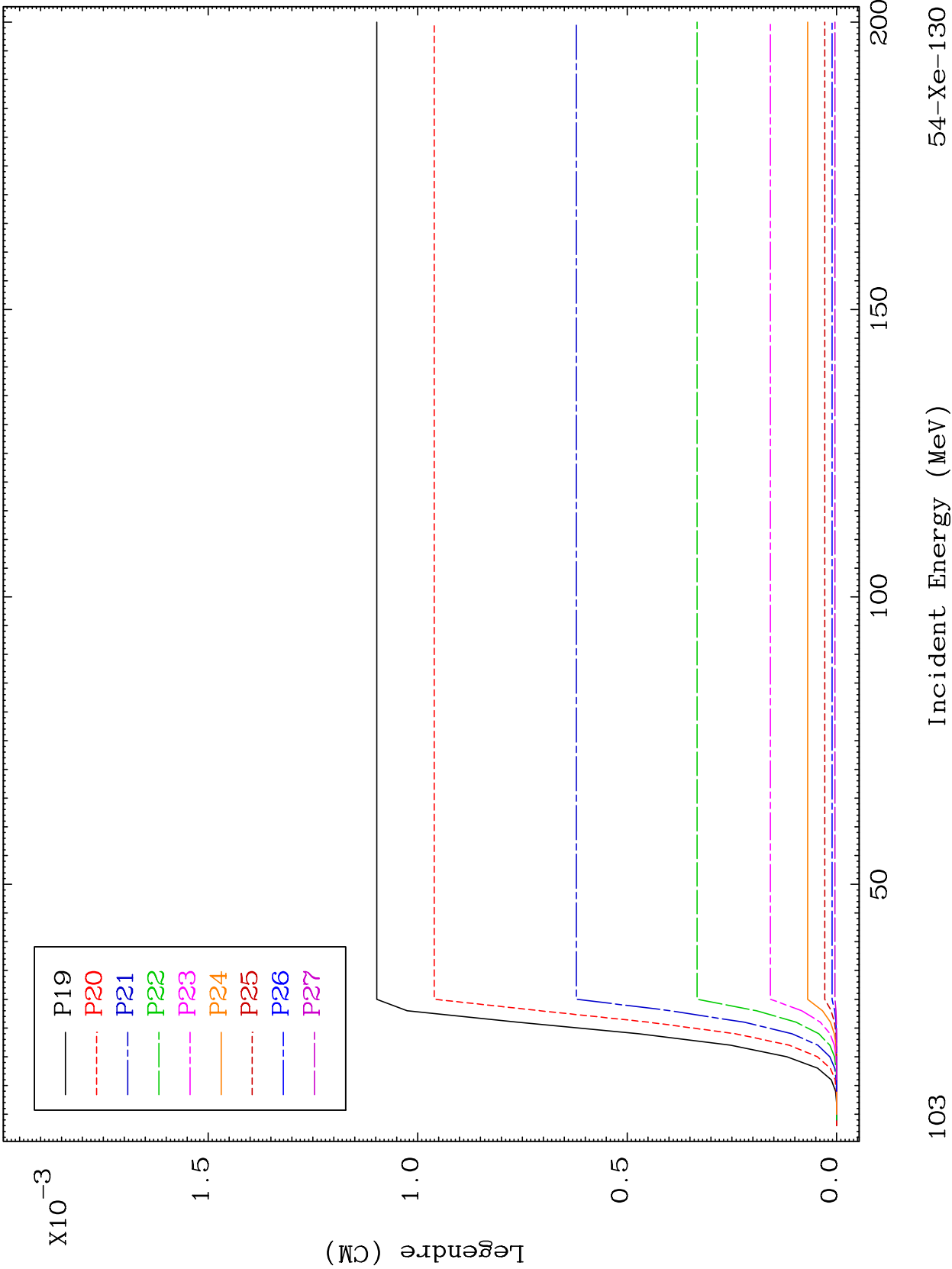
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



103

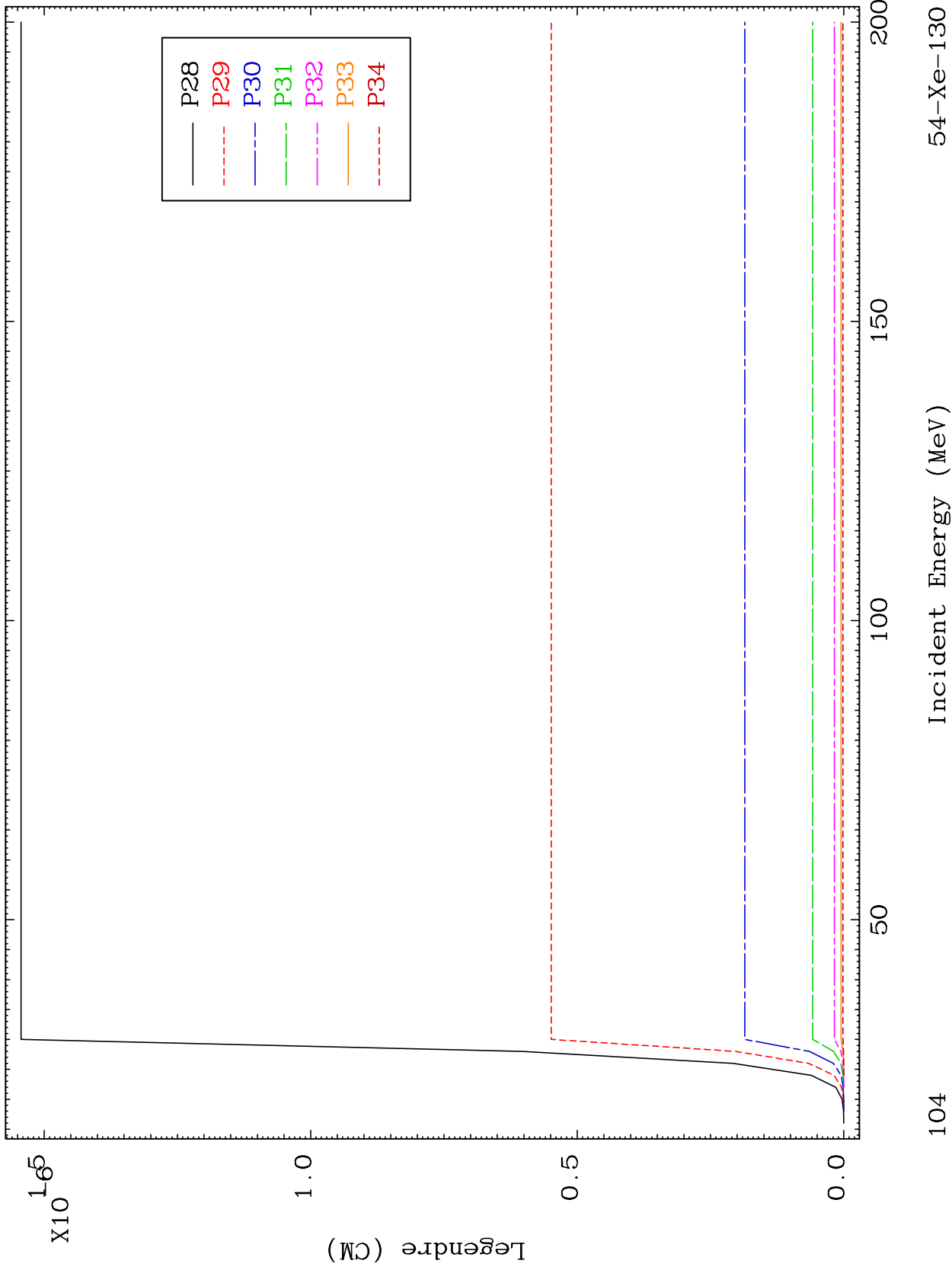
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



104

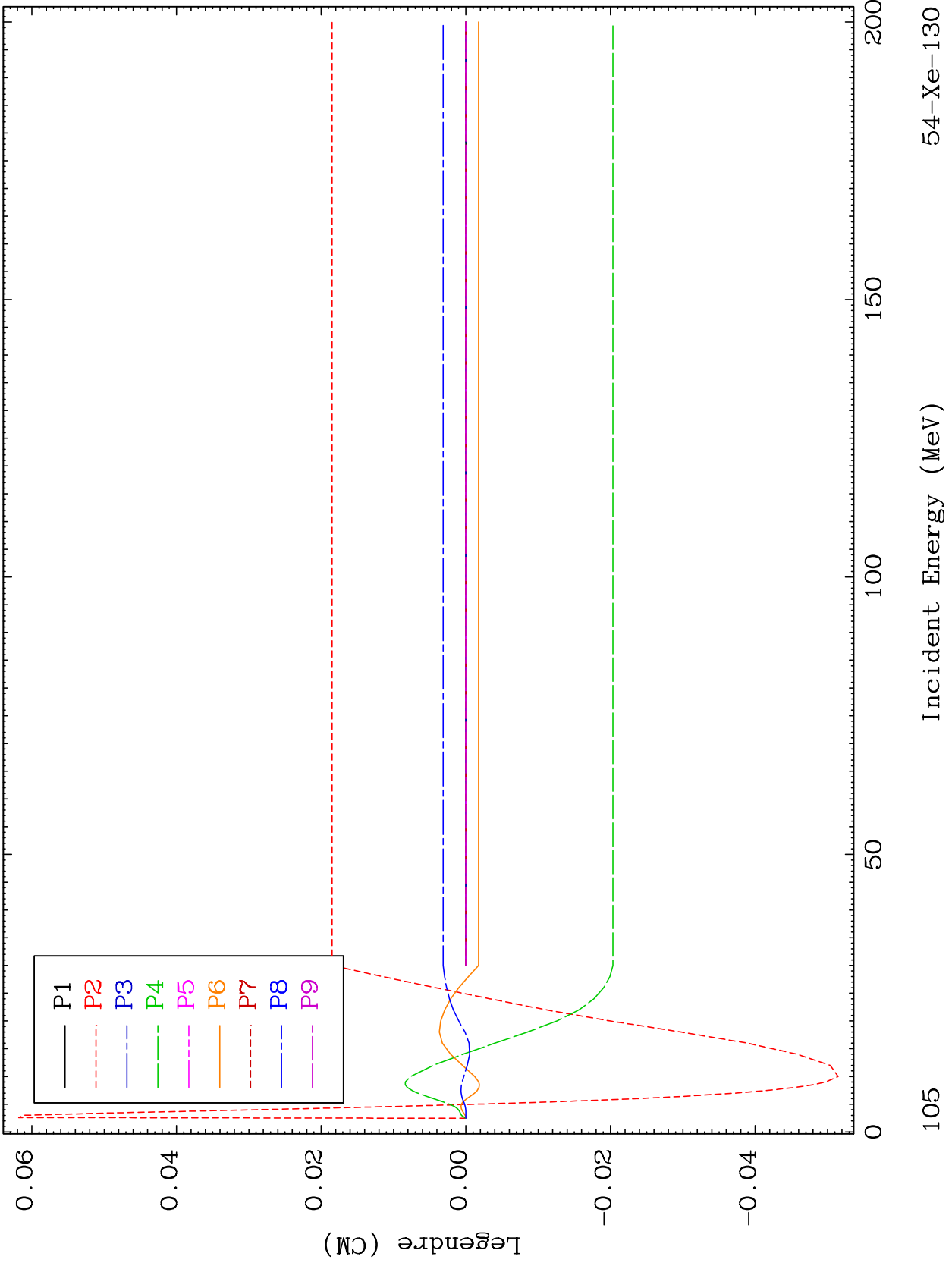
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



54-Xe-130

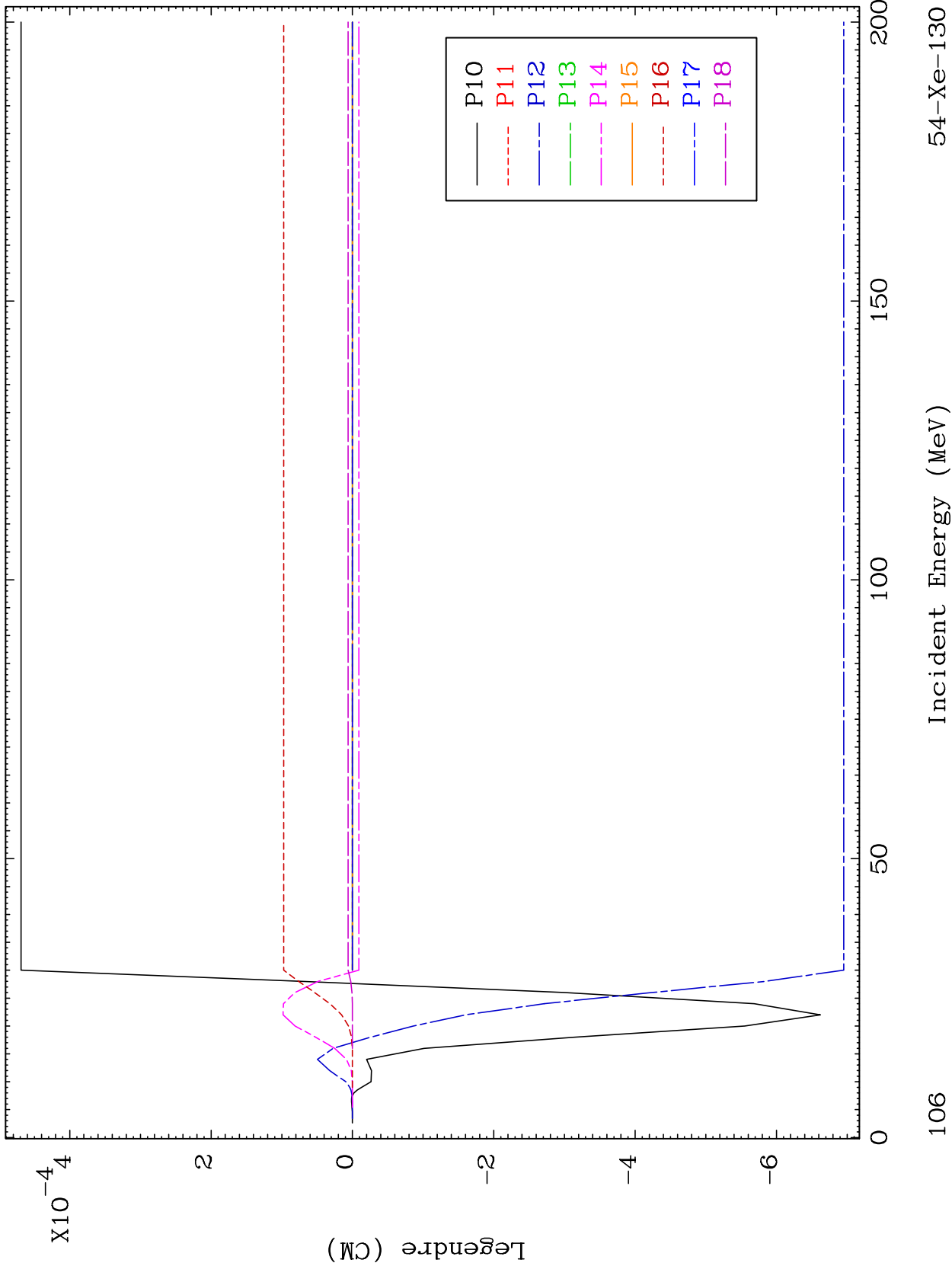
Incident Energy (MeV)

105

MAT 5443

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

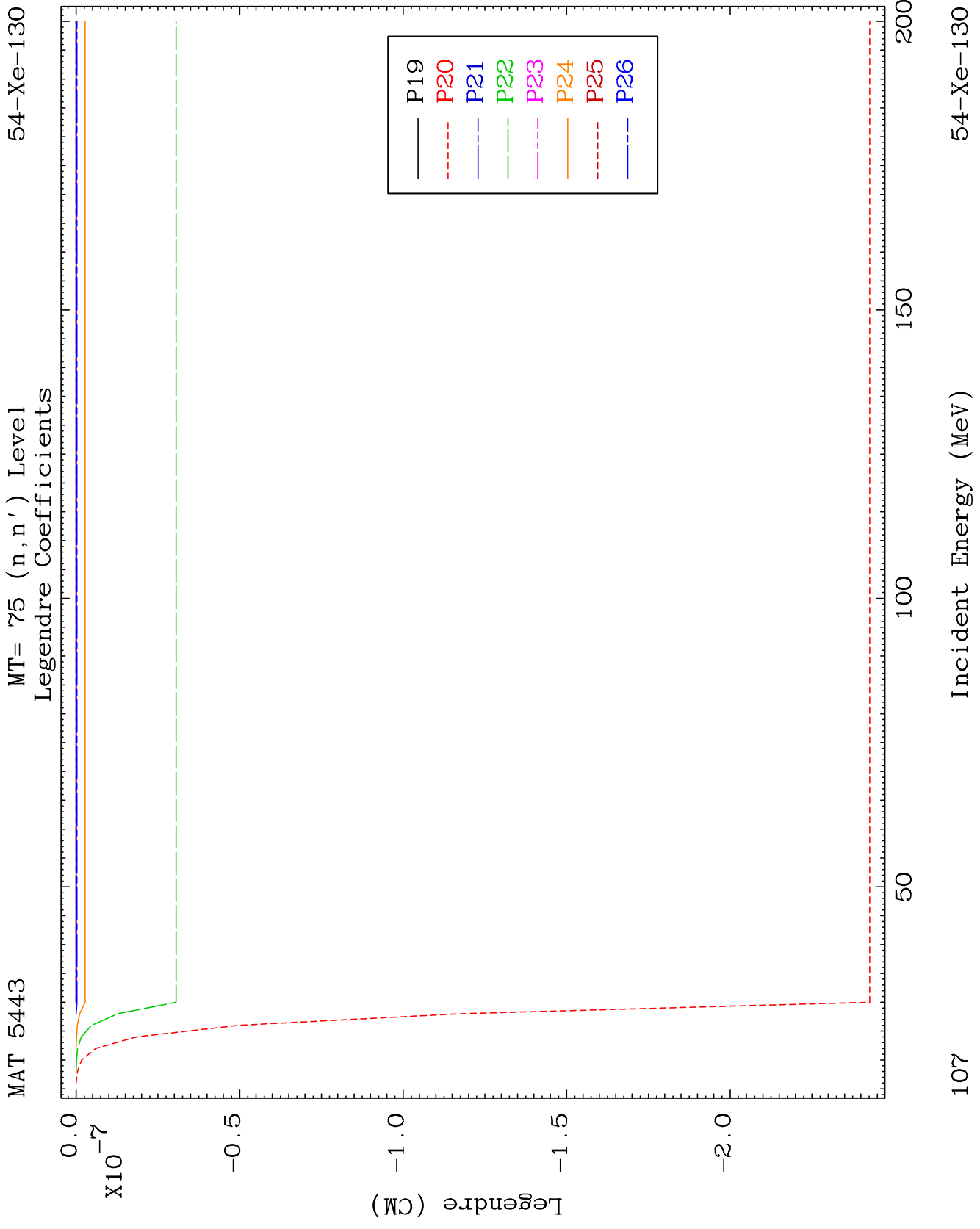
54-Xe-130



54-Xe-130

Incident Energy (MeV)

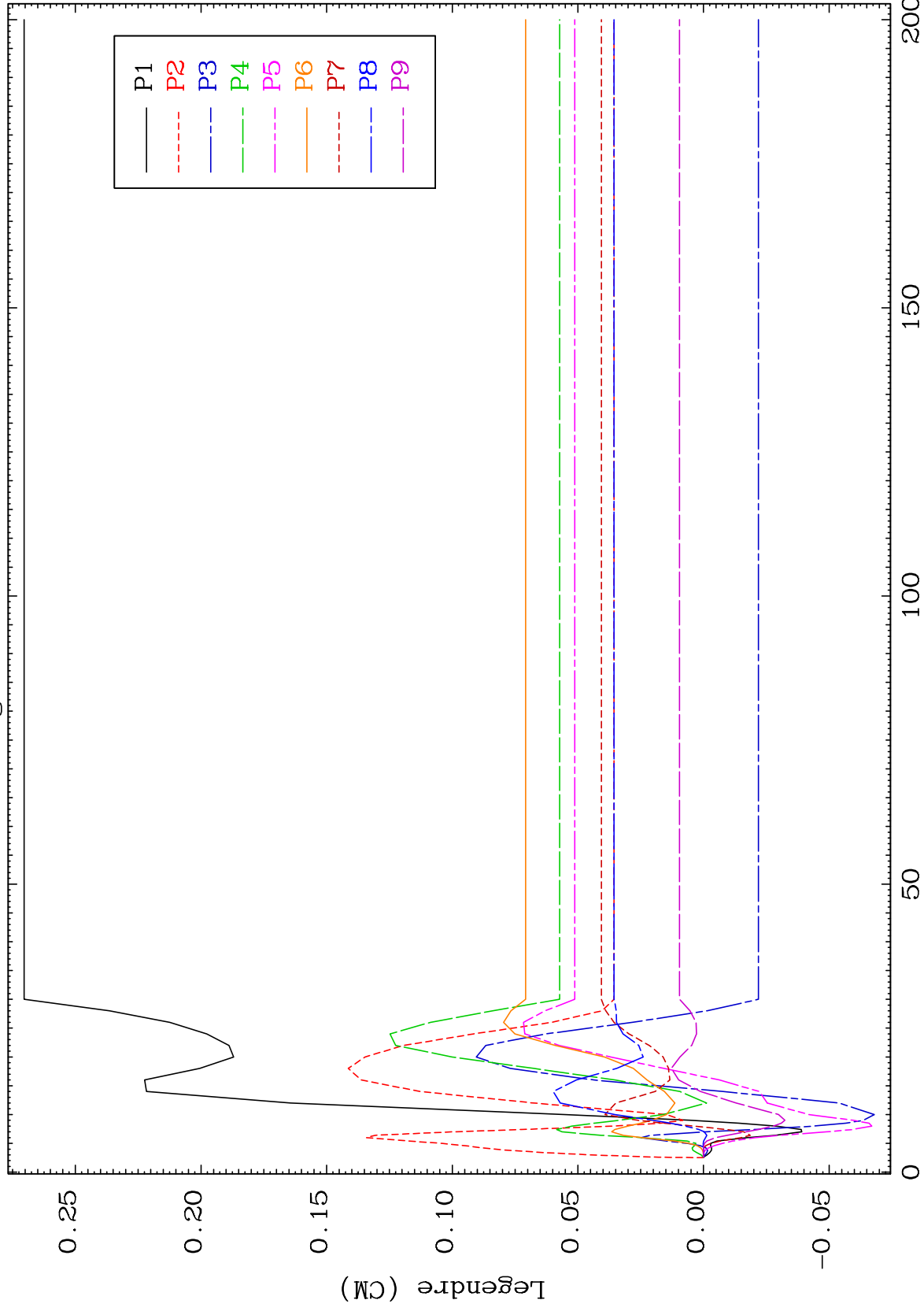
106



MAT 5443

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

54-Xe-130



108

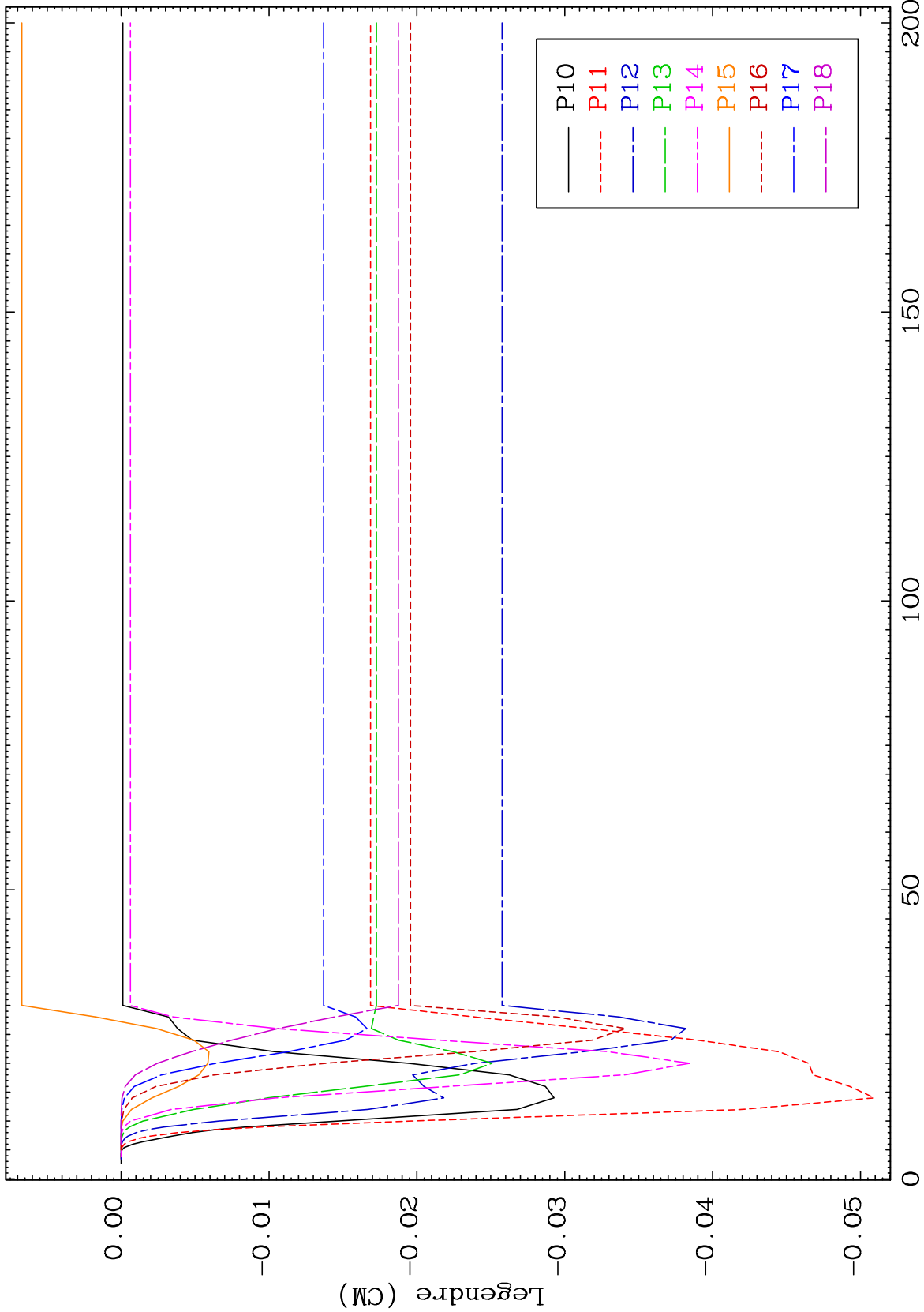
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

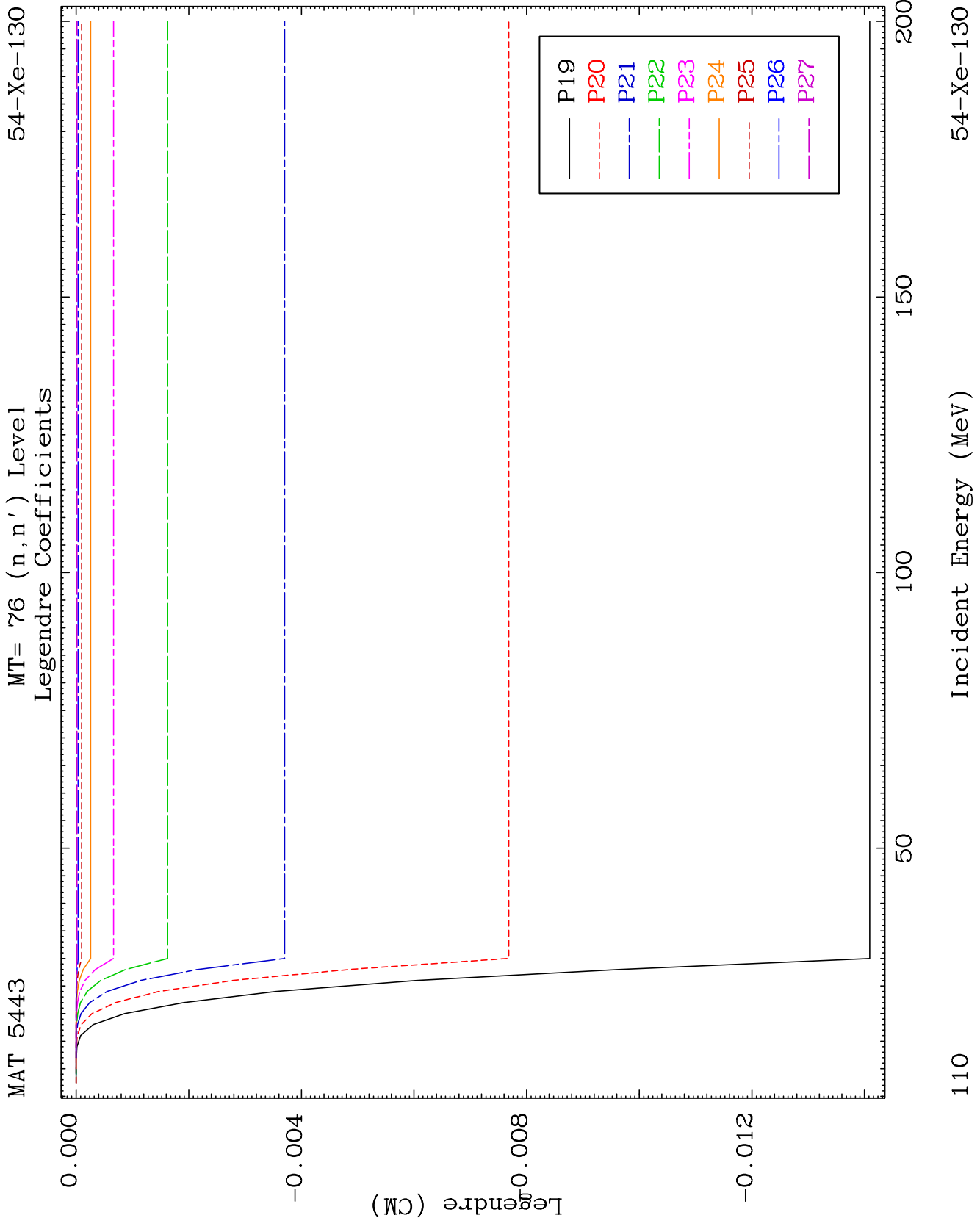
54-Xe-130

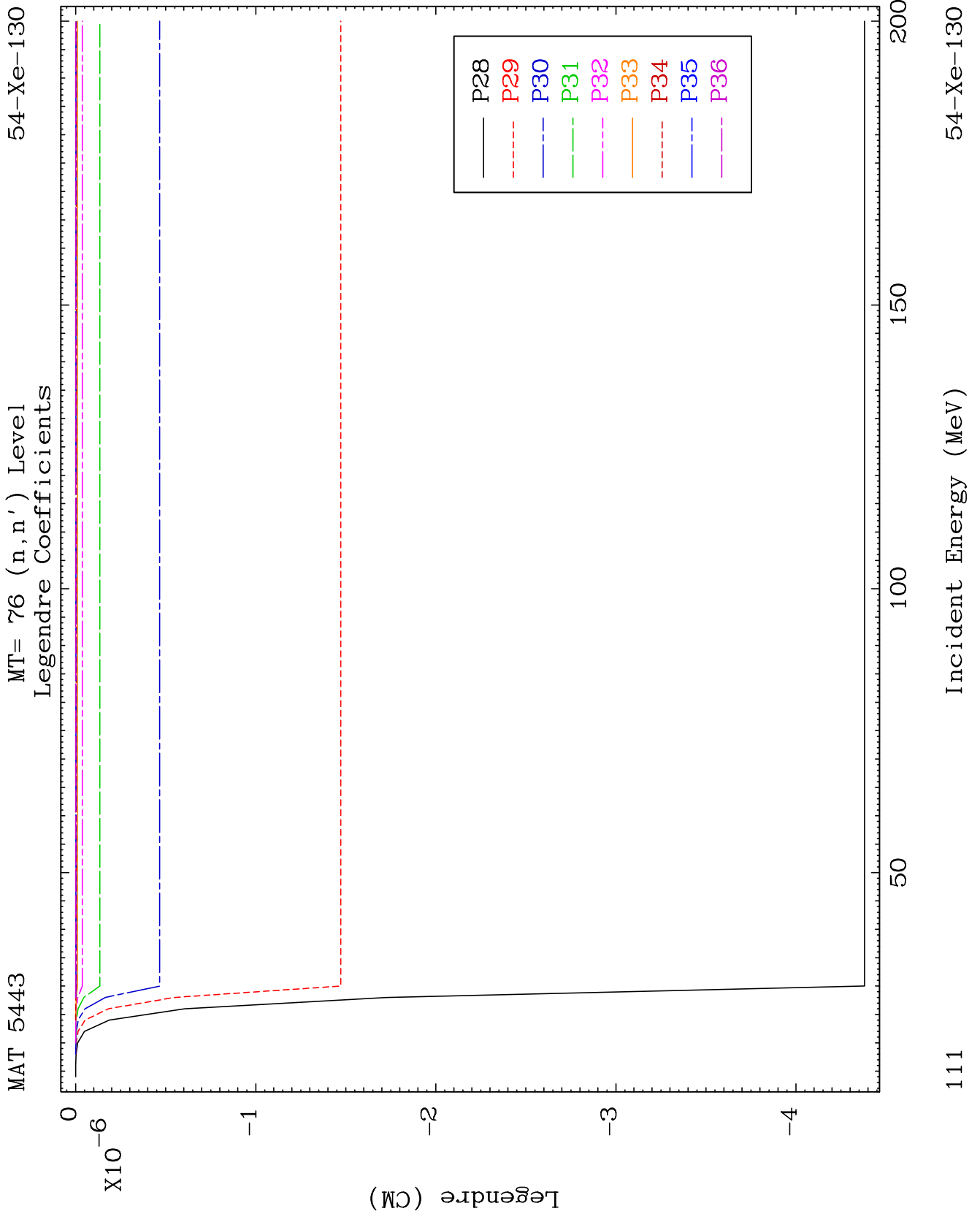


109

Incident Energy (MeV)

54-Xe-130

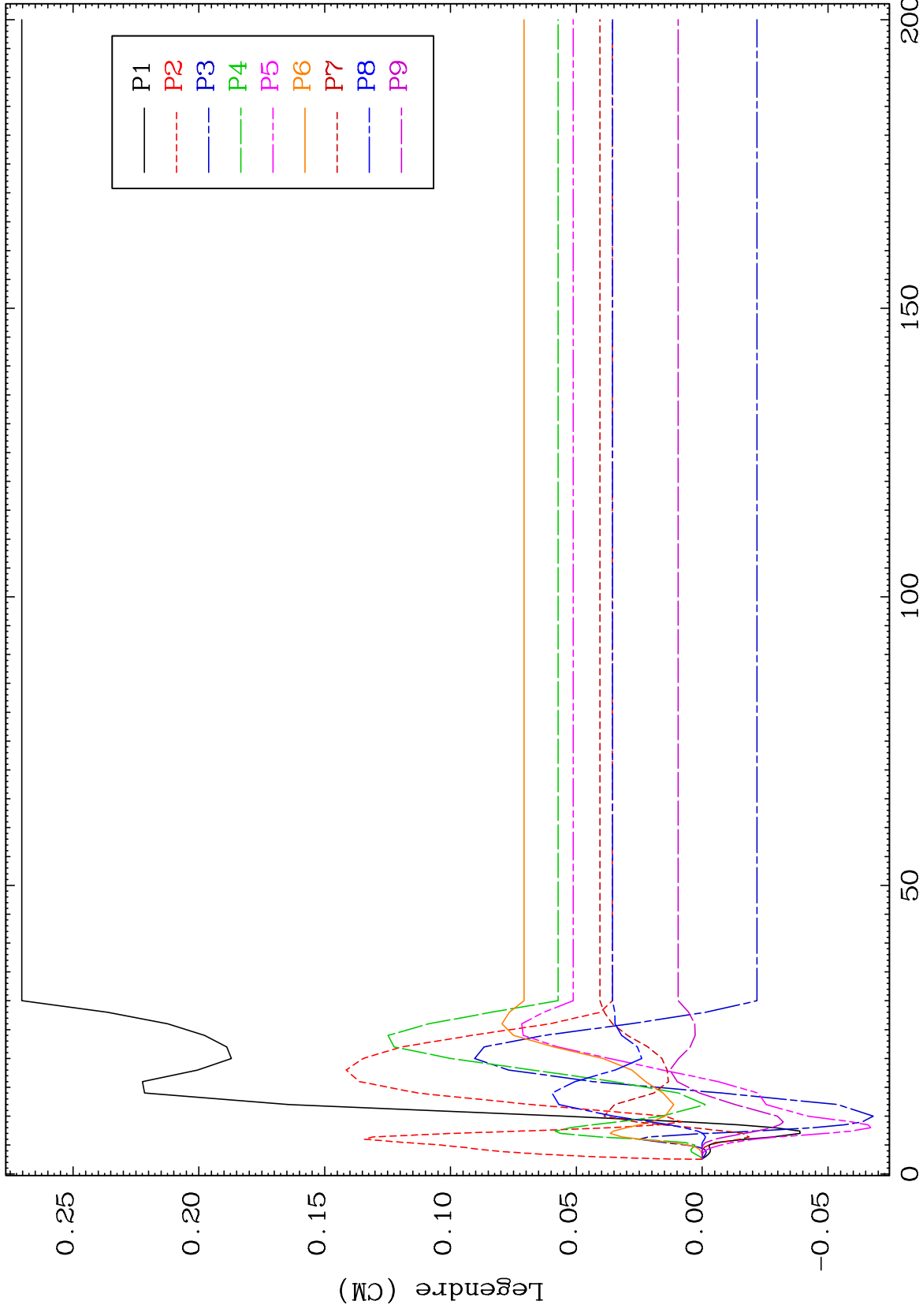




MAT 5443

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

54-Xe-130



112

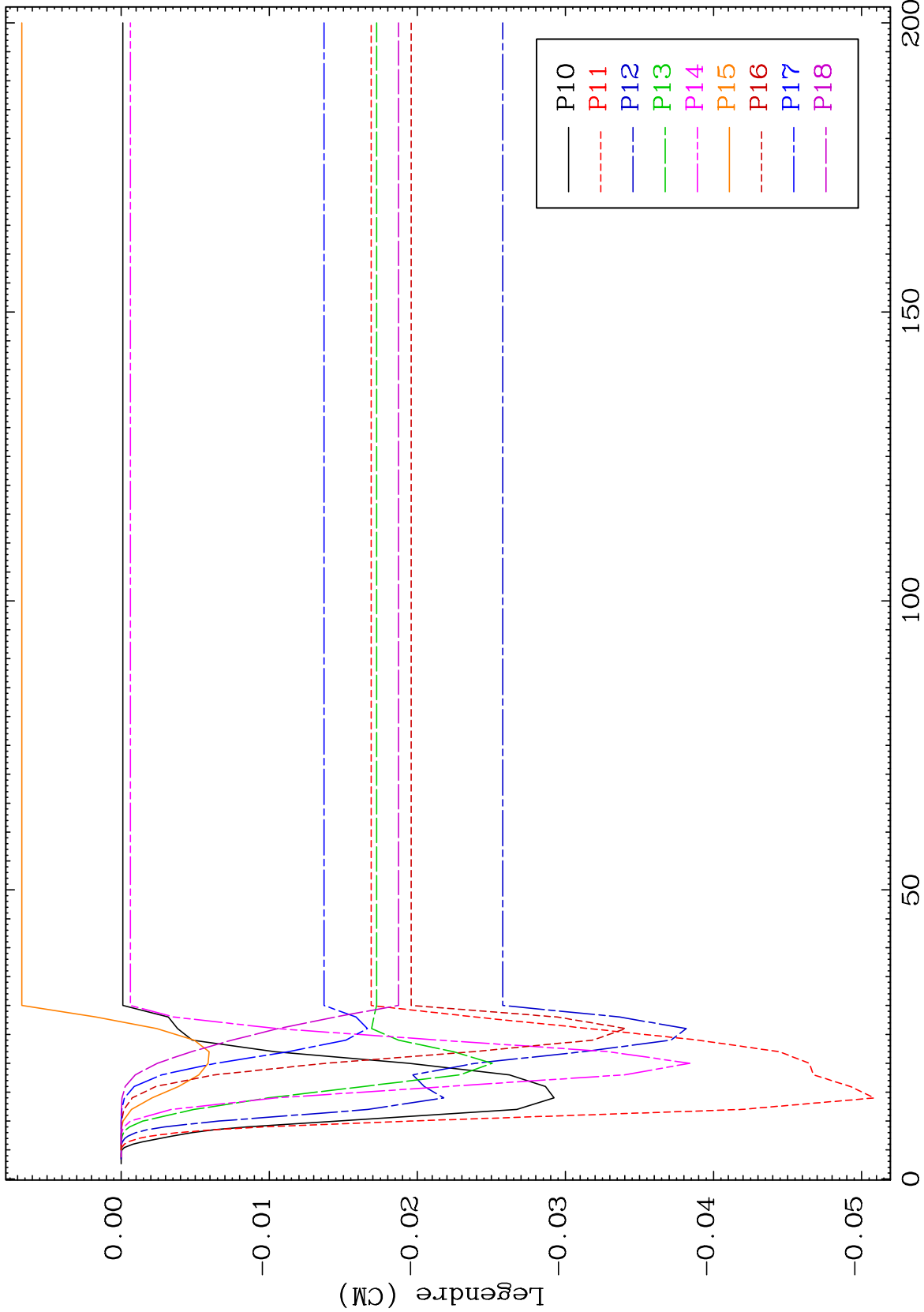
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

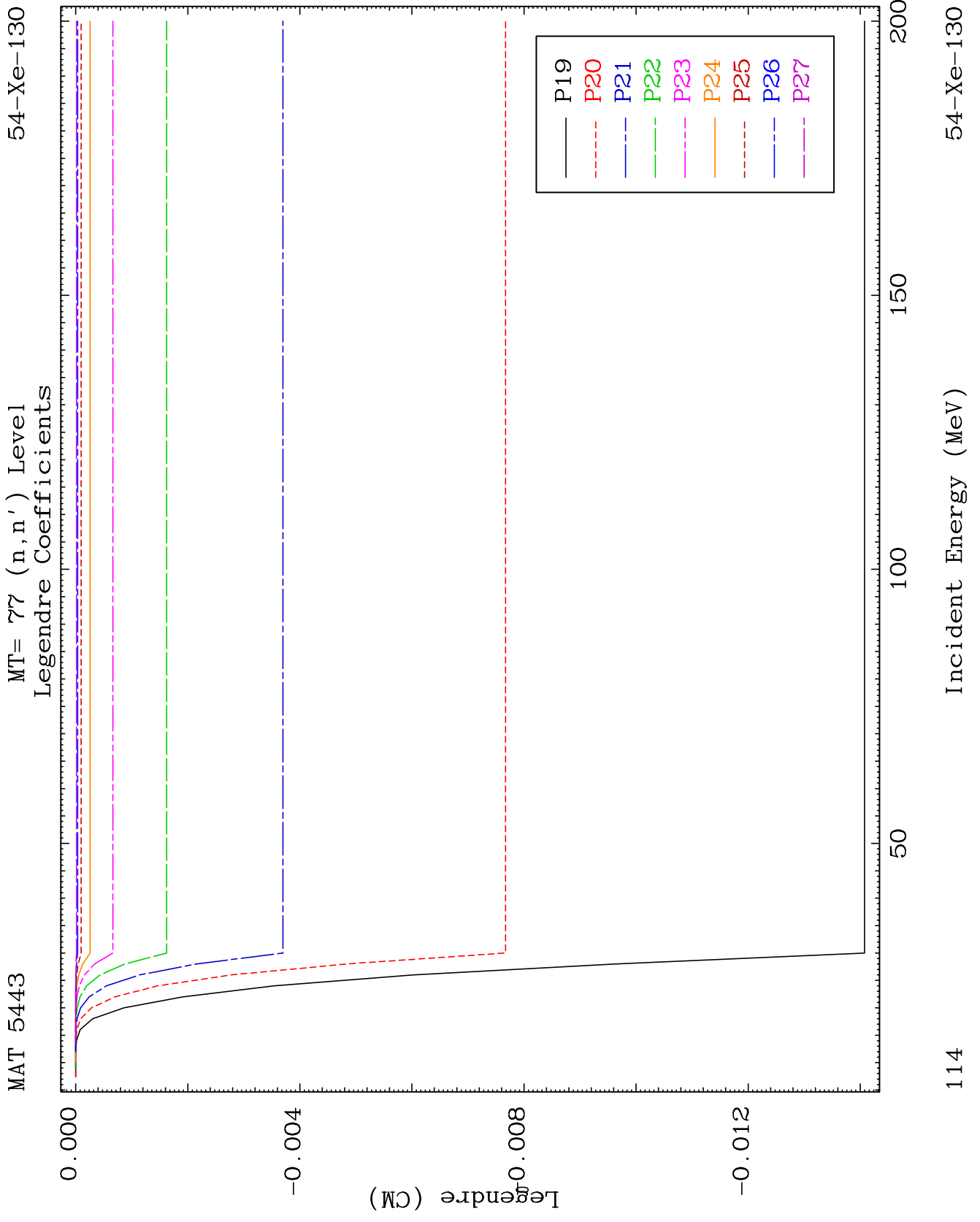
54-Xe-130

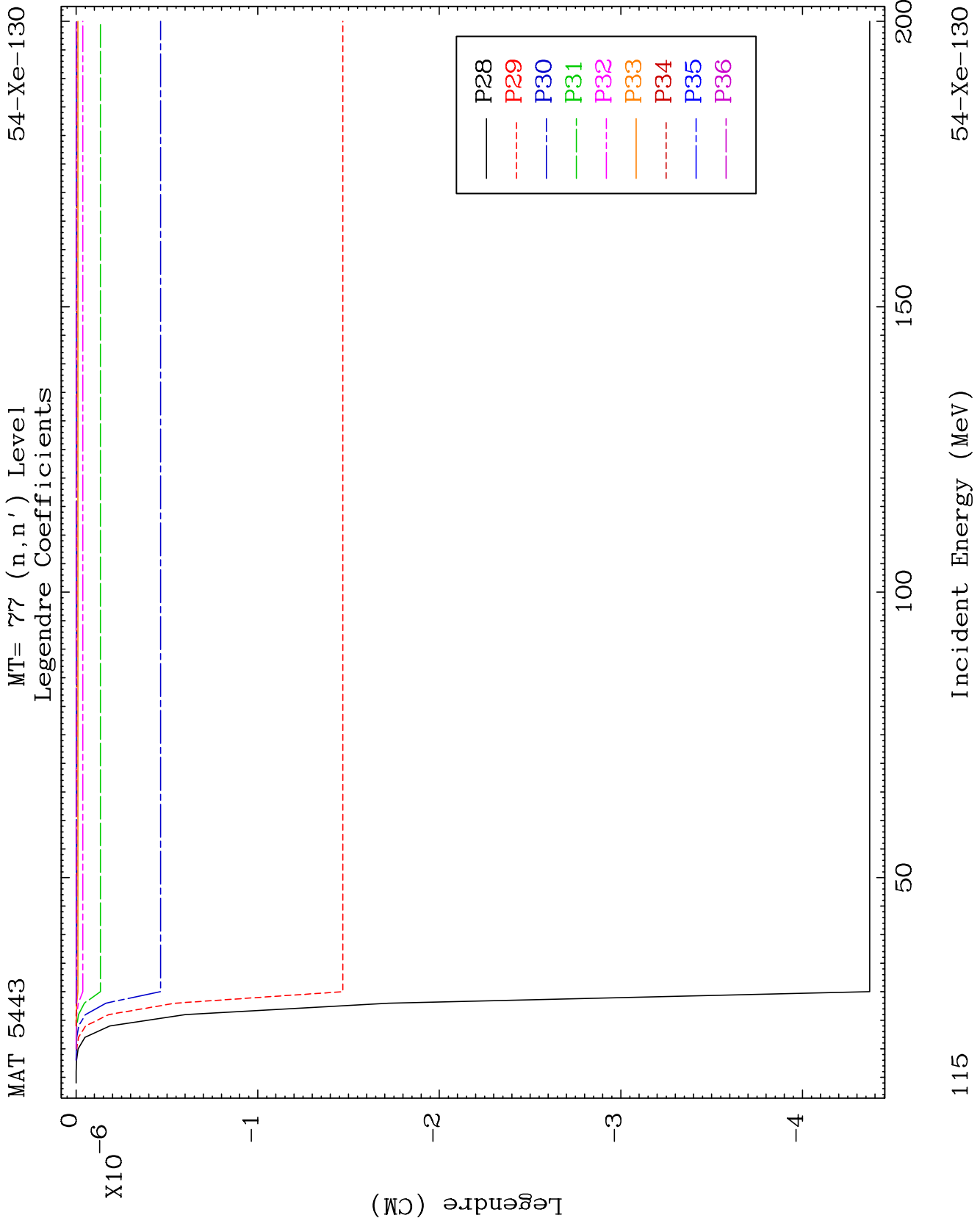


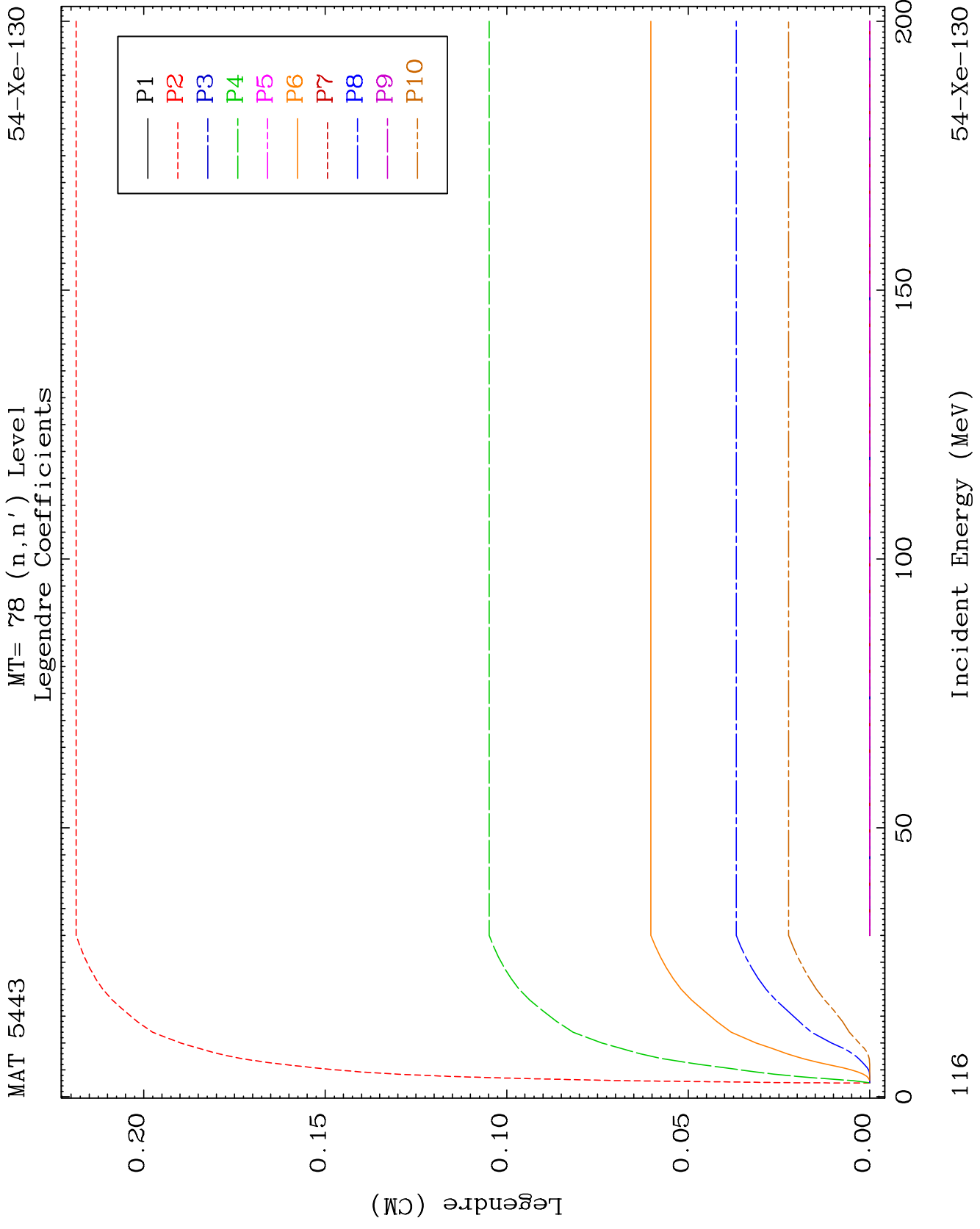
113

Incident Energy (MeV)

54-Xe-130



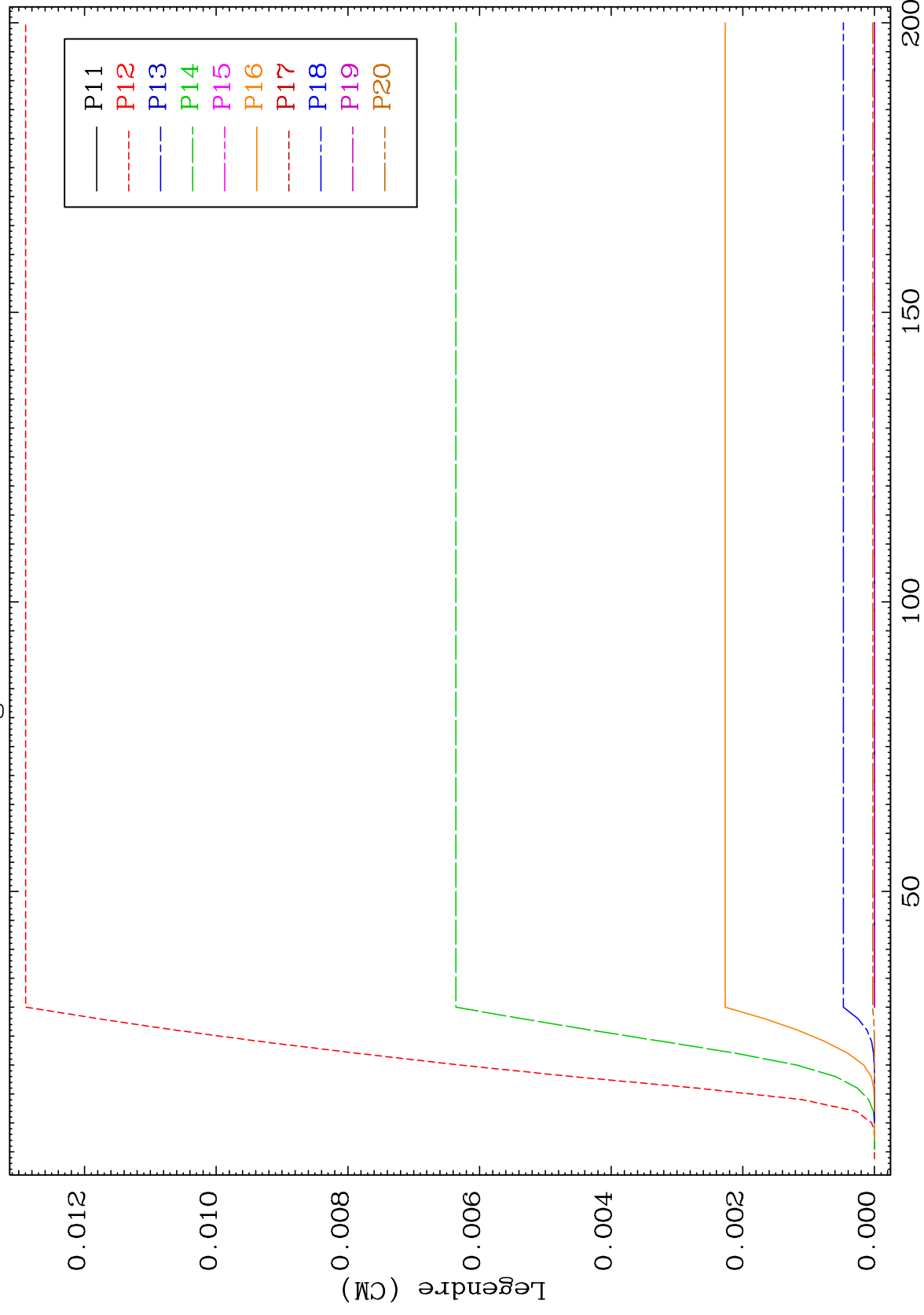




MAT 5443

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

54-Xe-130



117

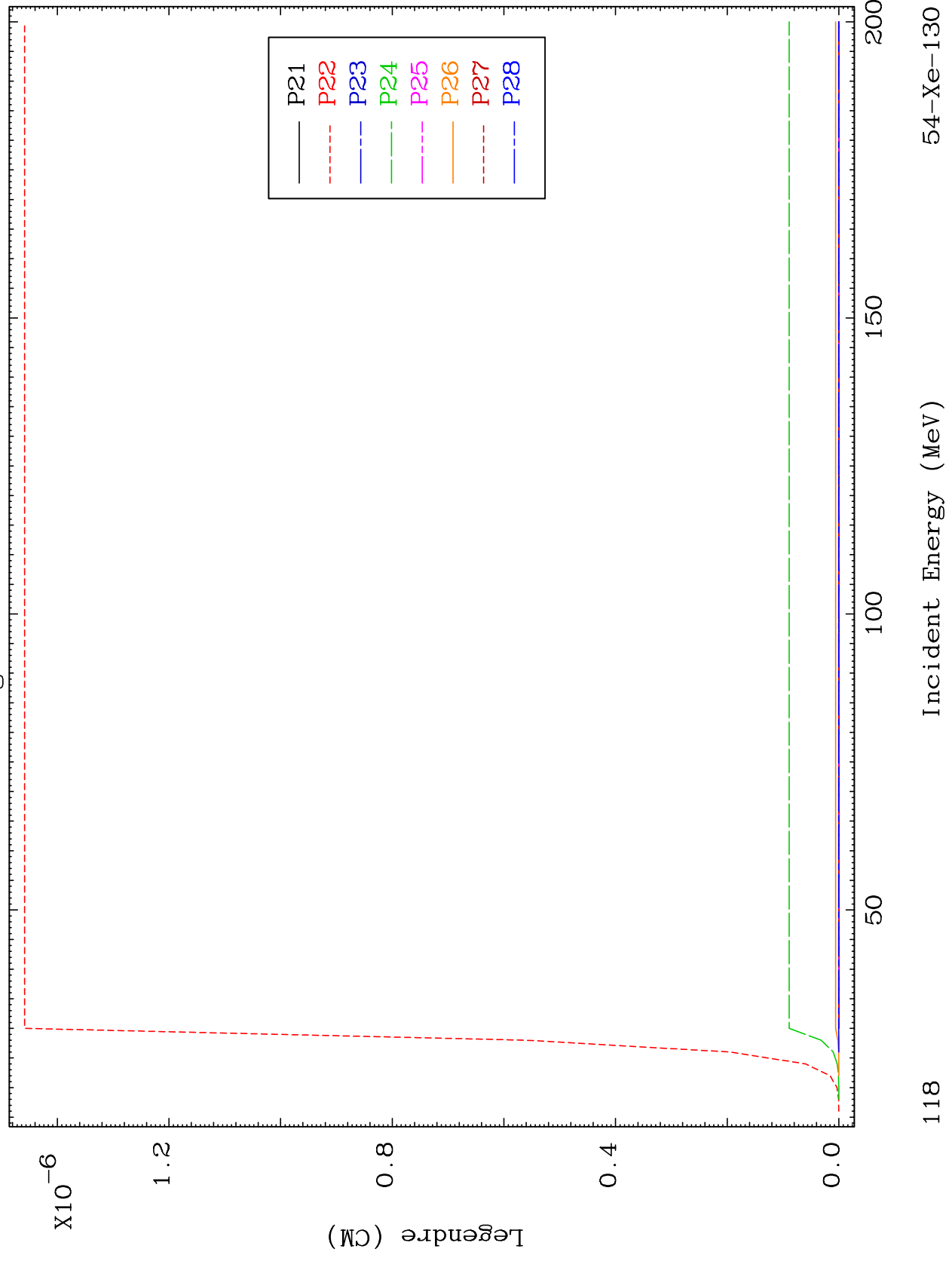
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



118

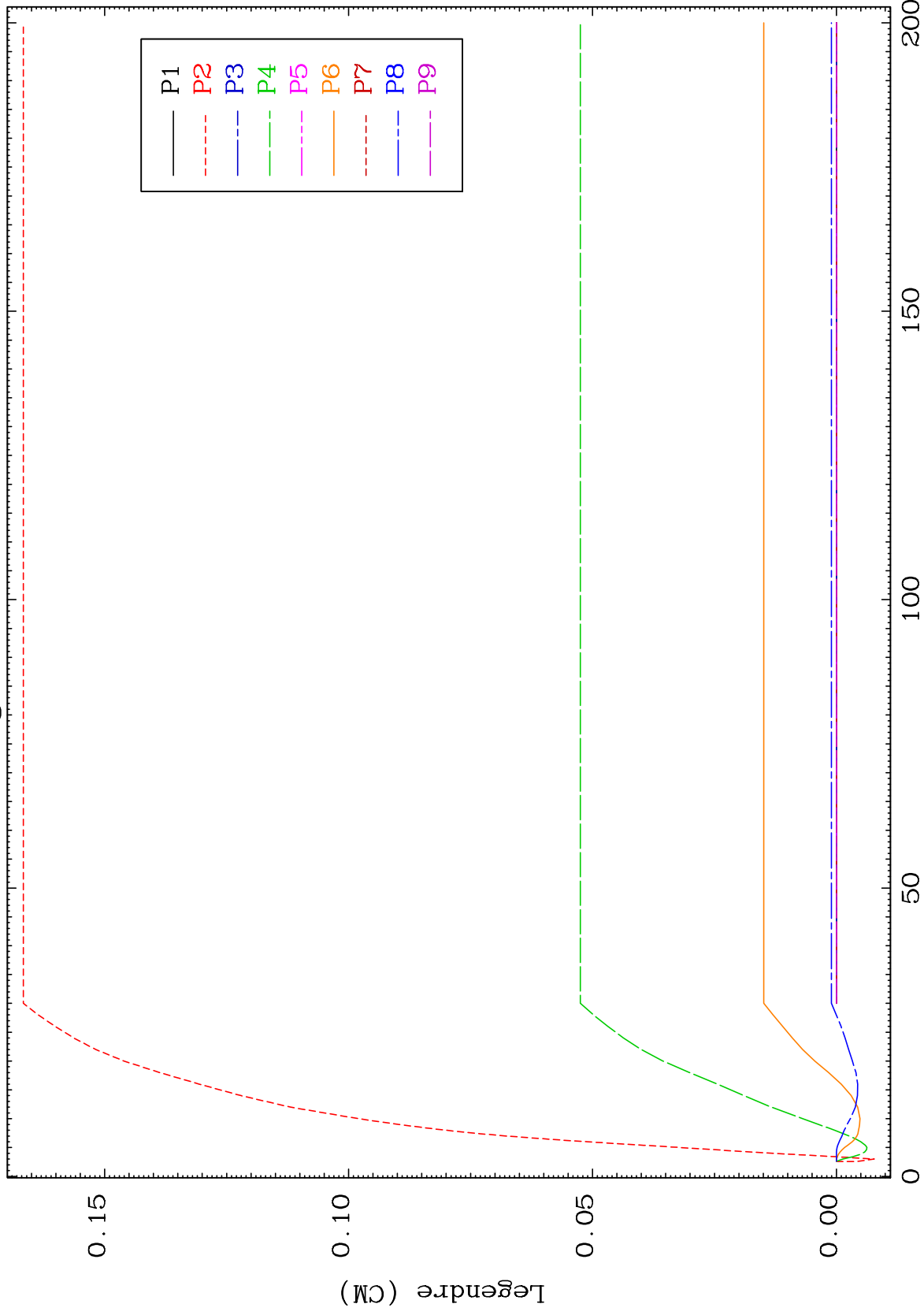
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

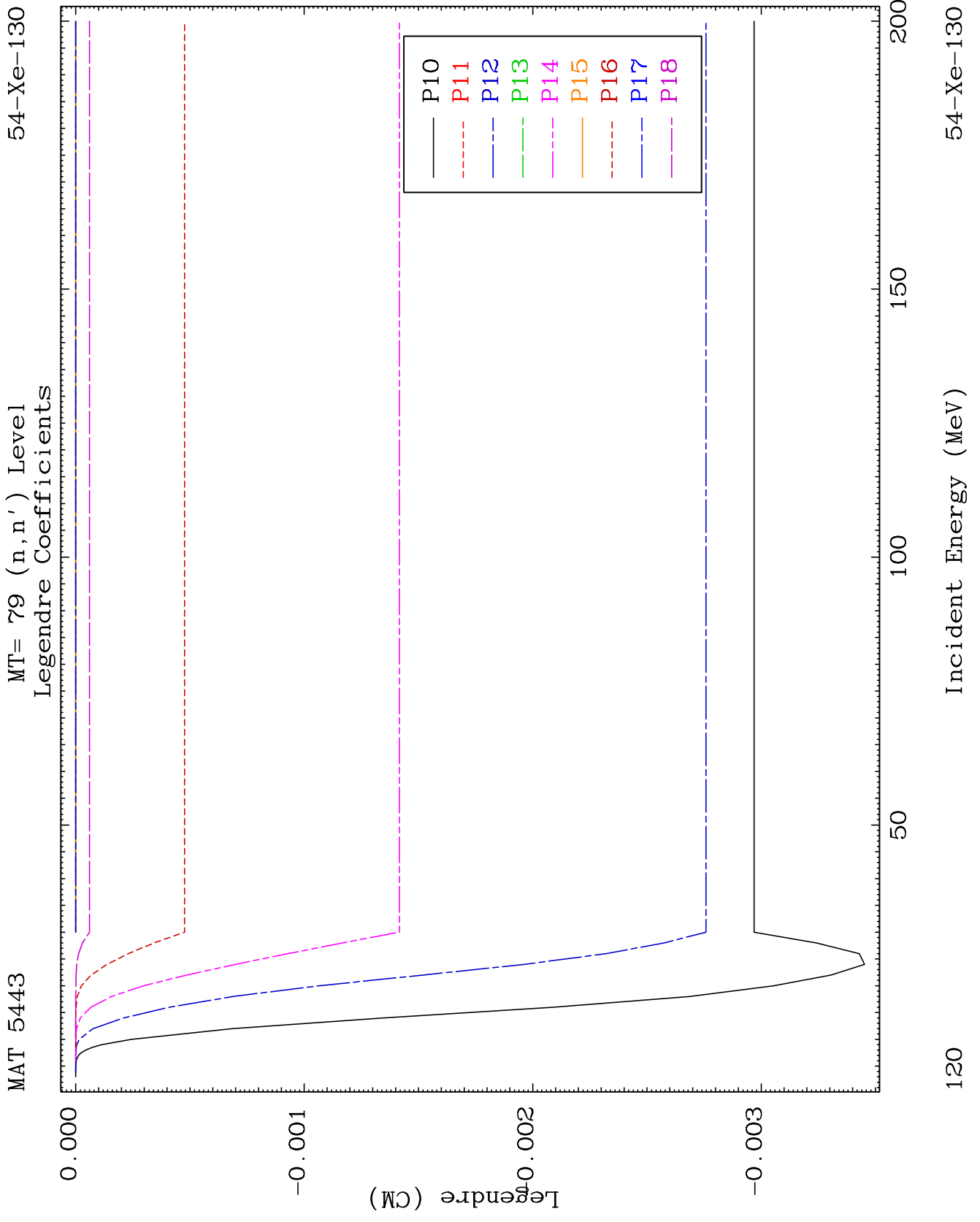
54-Xe-130

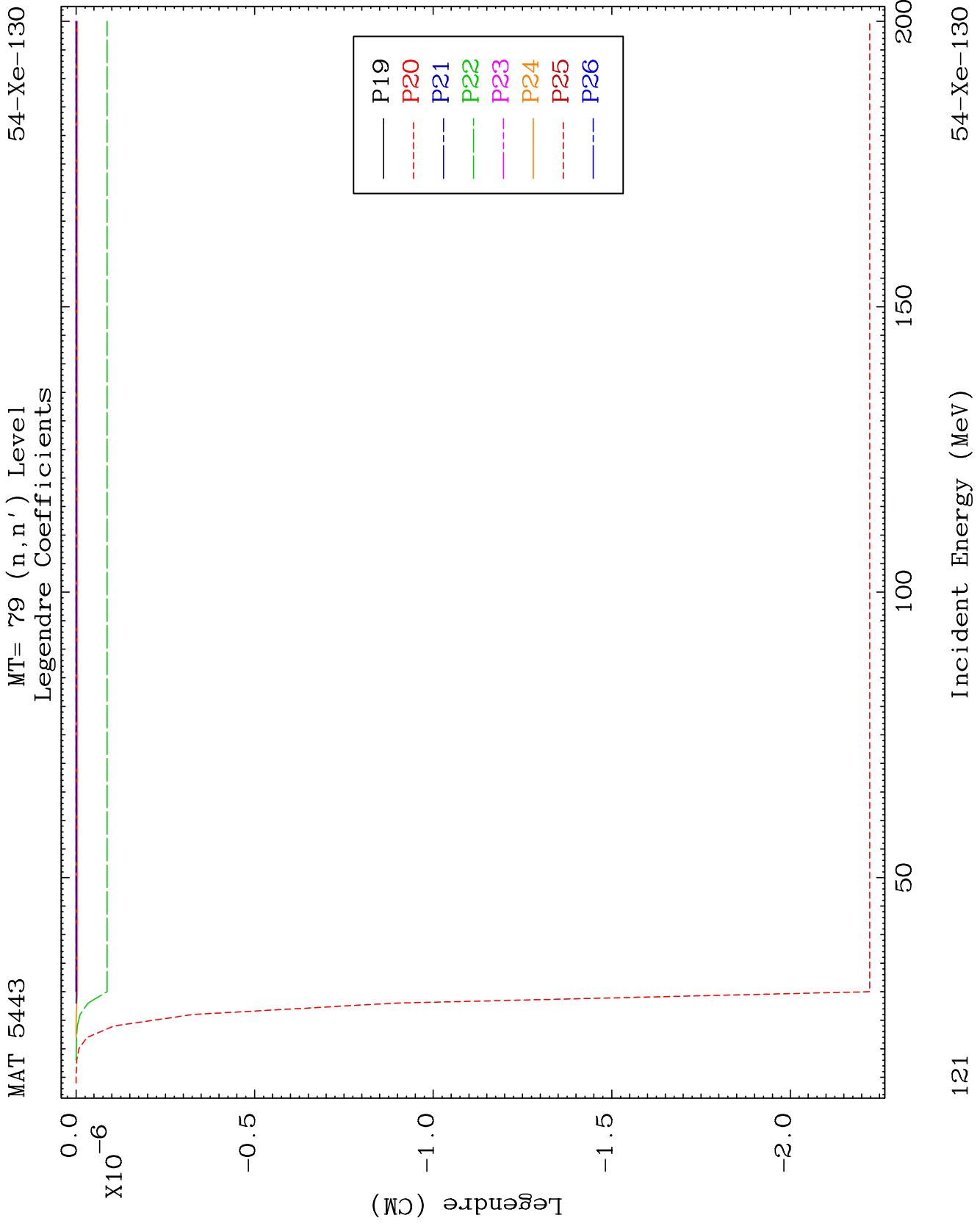


119

Incident Energy (MeV)

54-Xe-130

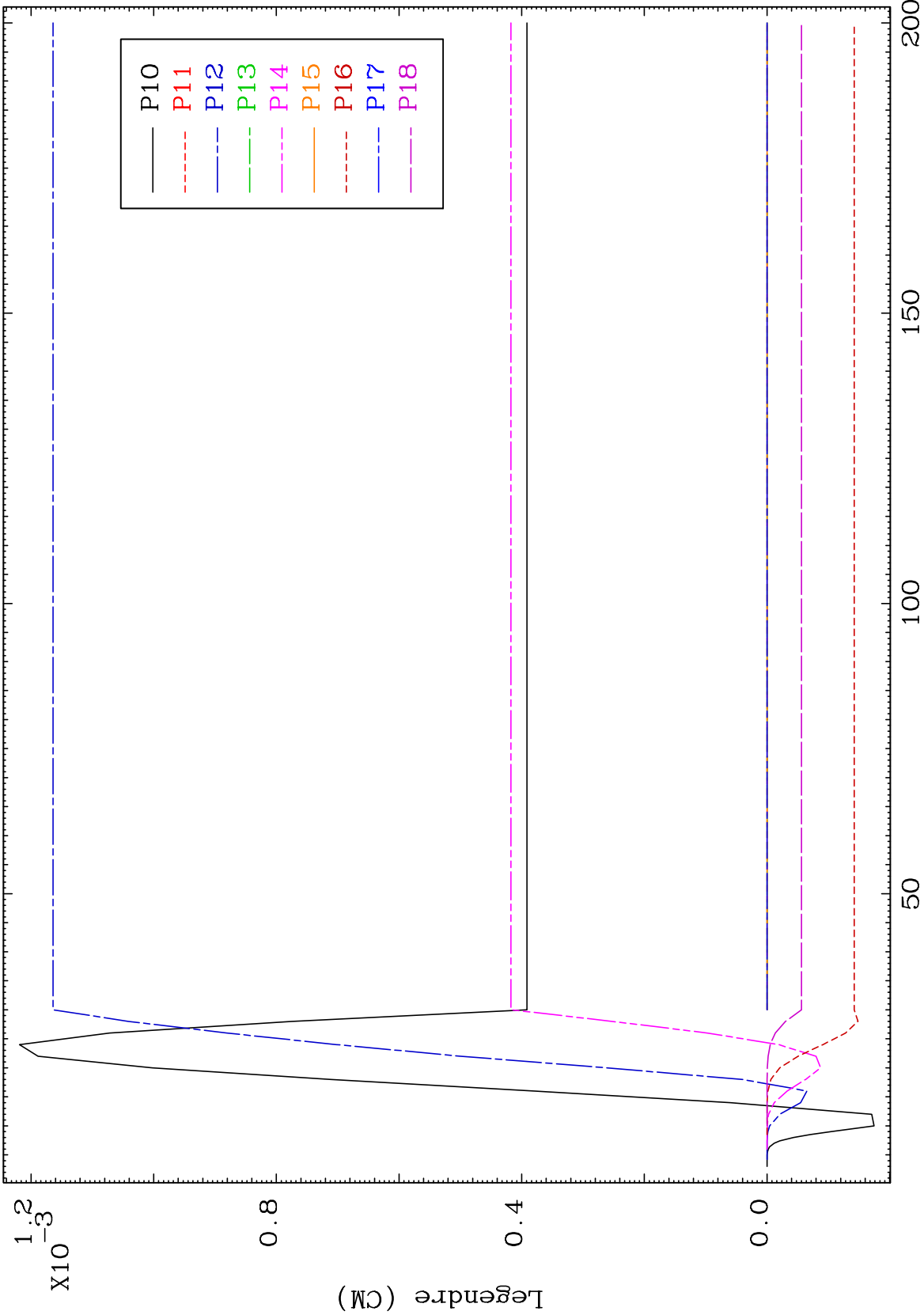




MAT 5443

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

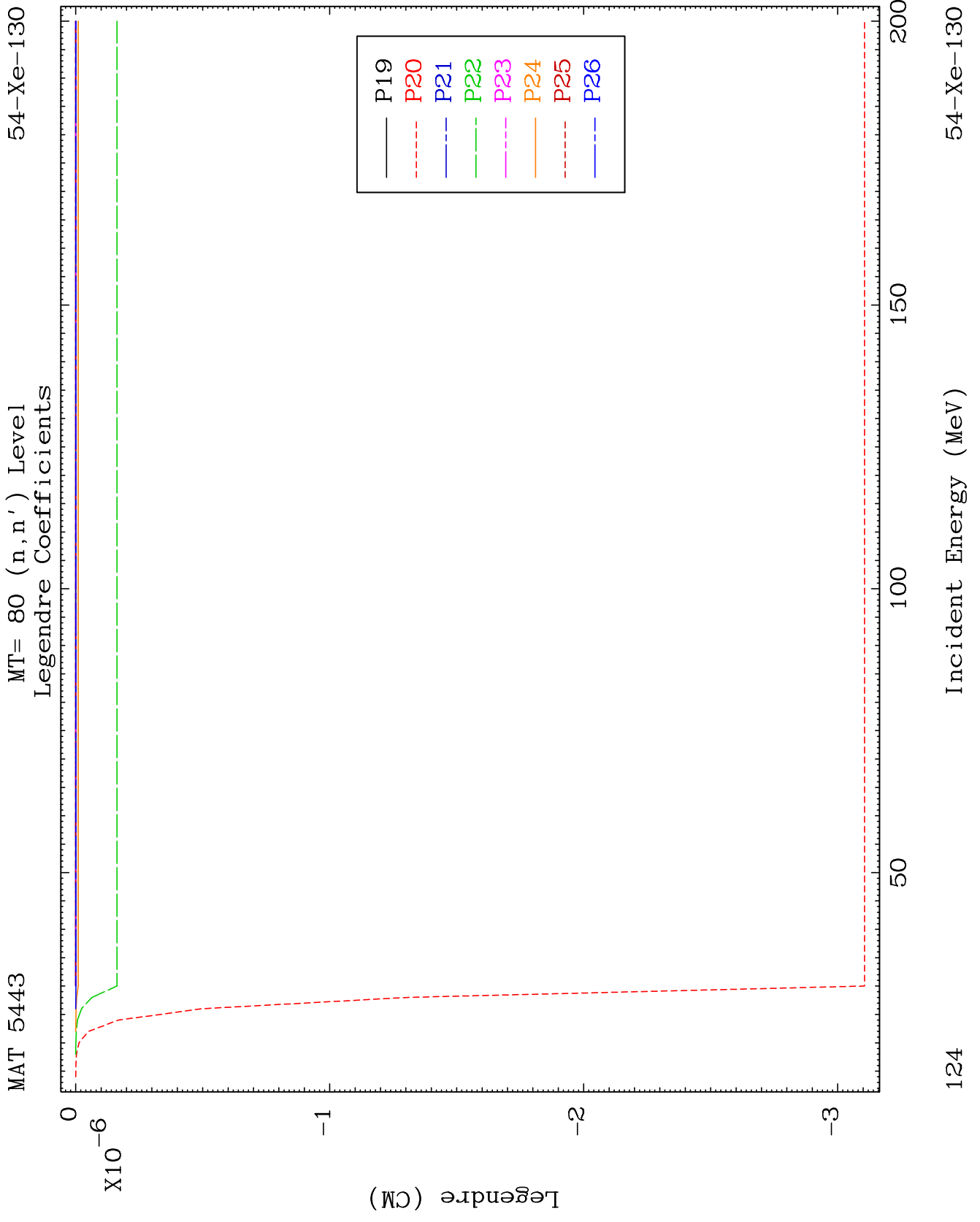
54-Xe-130



123

Incident Energy (MeV)

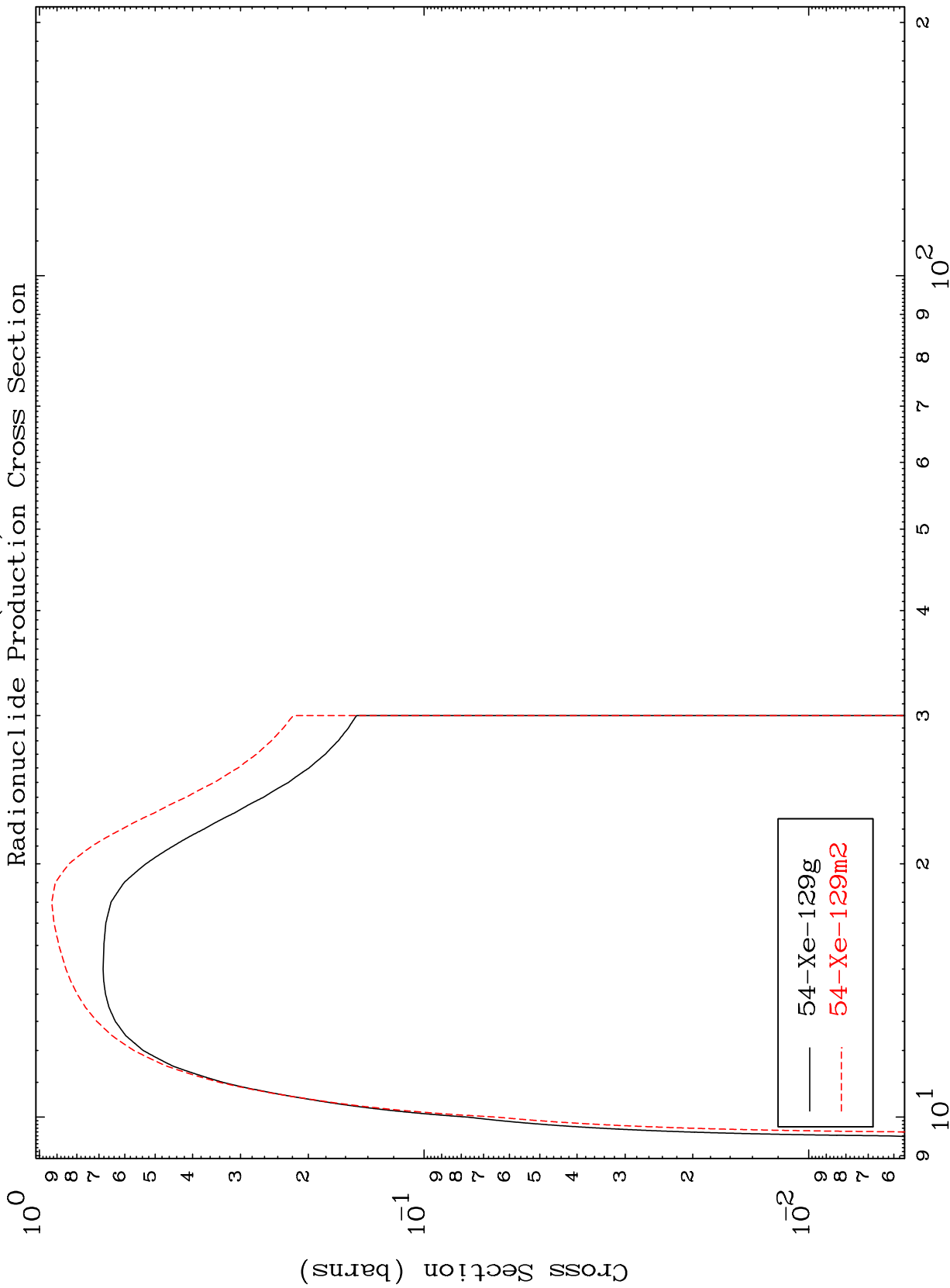
54-Xe-130



MAT 5443

54-Xe-130

(n,2n)
Radionuclide Production Cross Section



54-Xe-130

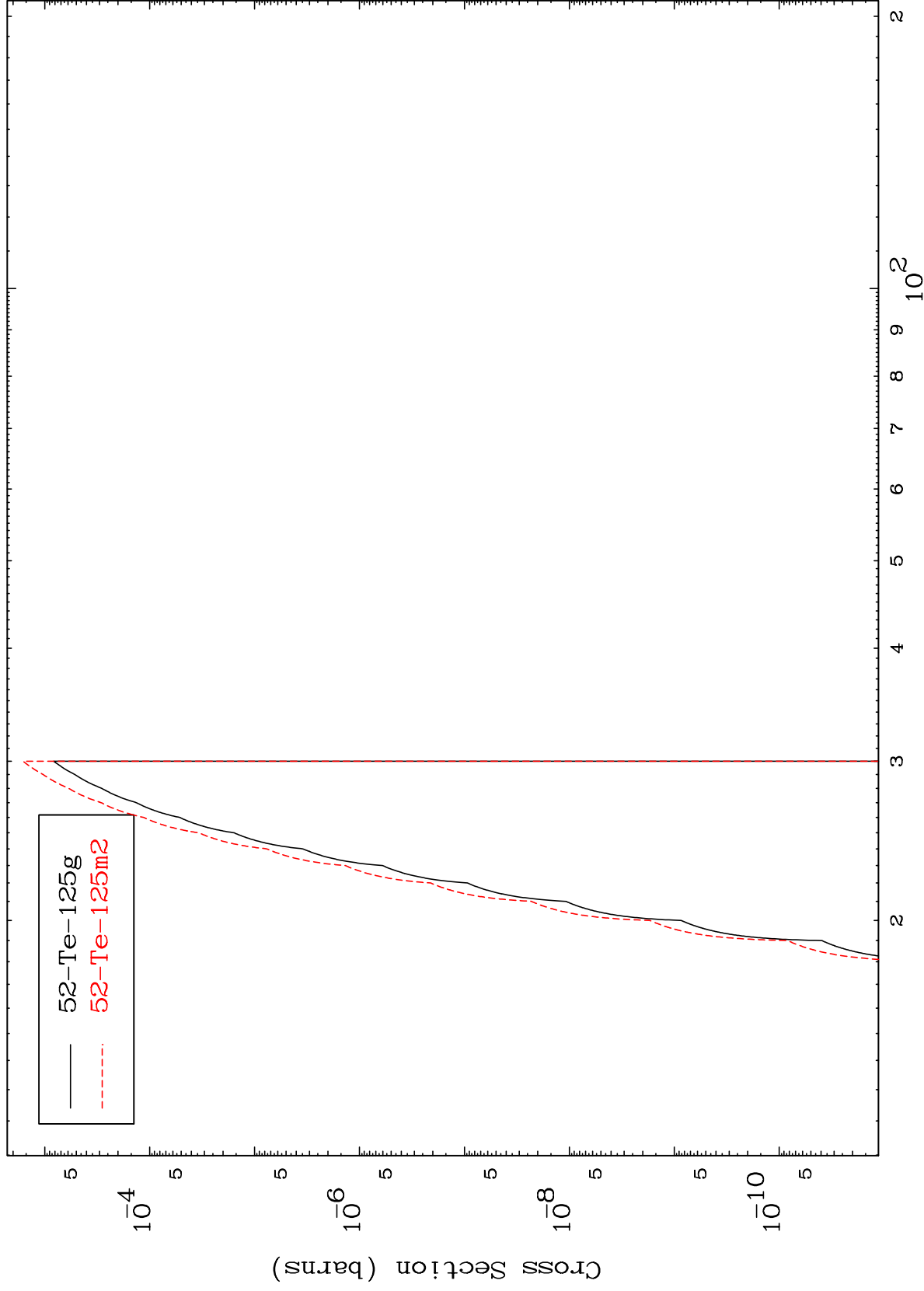
Incident Energy (MeV)

125

MAT 5443

54-Xe-130

(n,2n) α
Radionuclide Production Cross Section

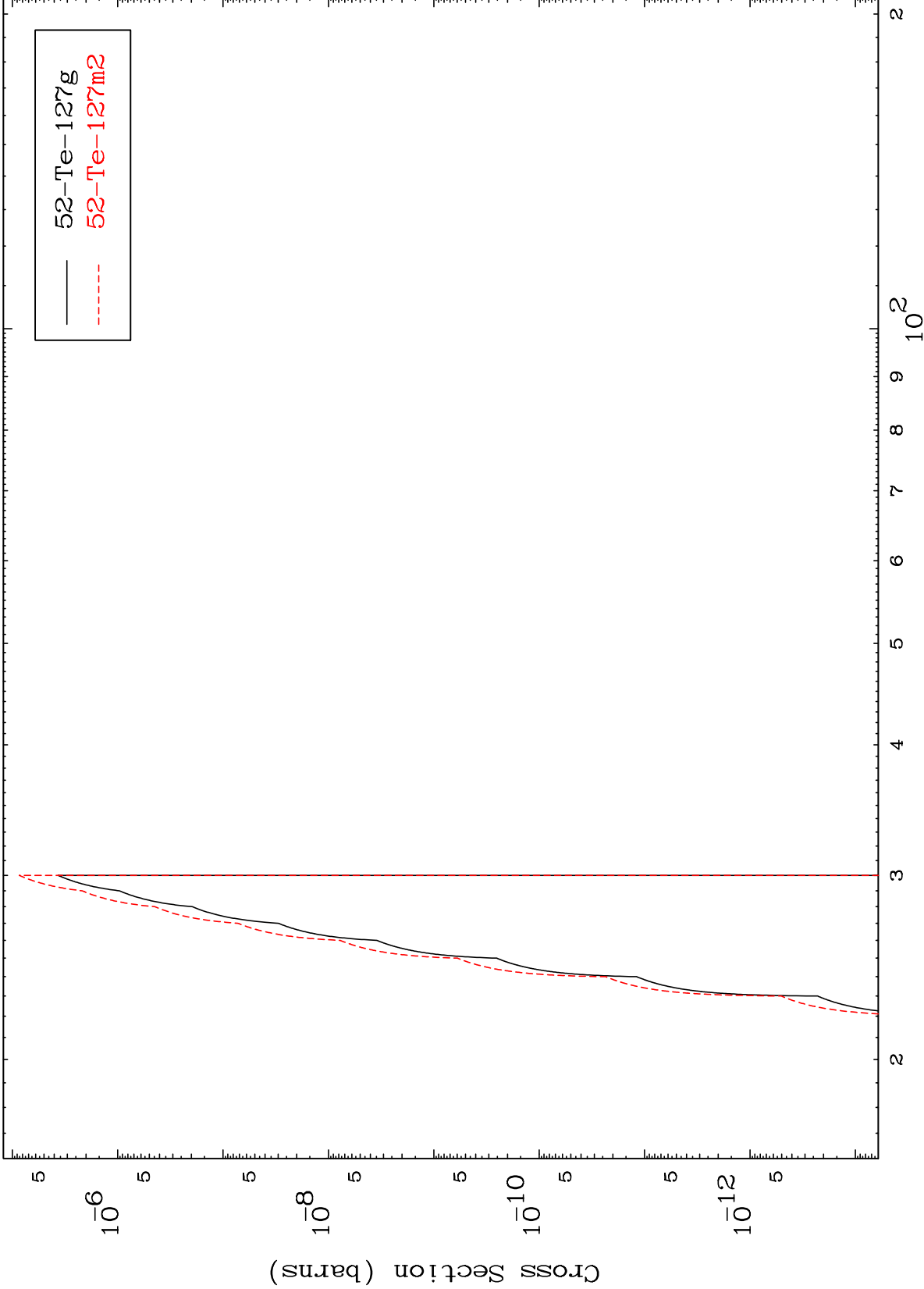


126

54-Xe-130

Incident Energy (MeV)

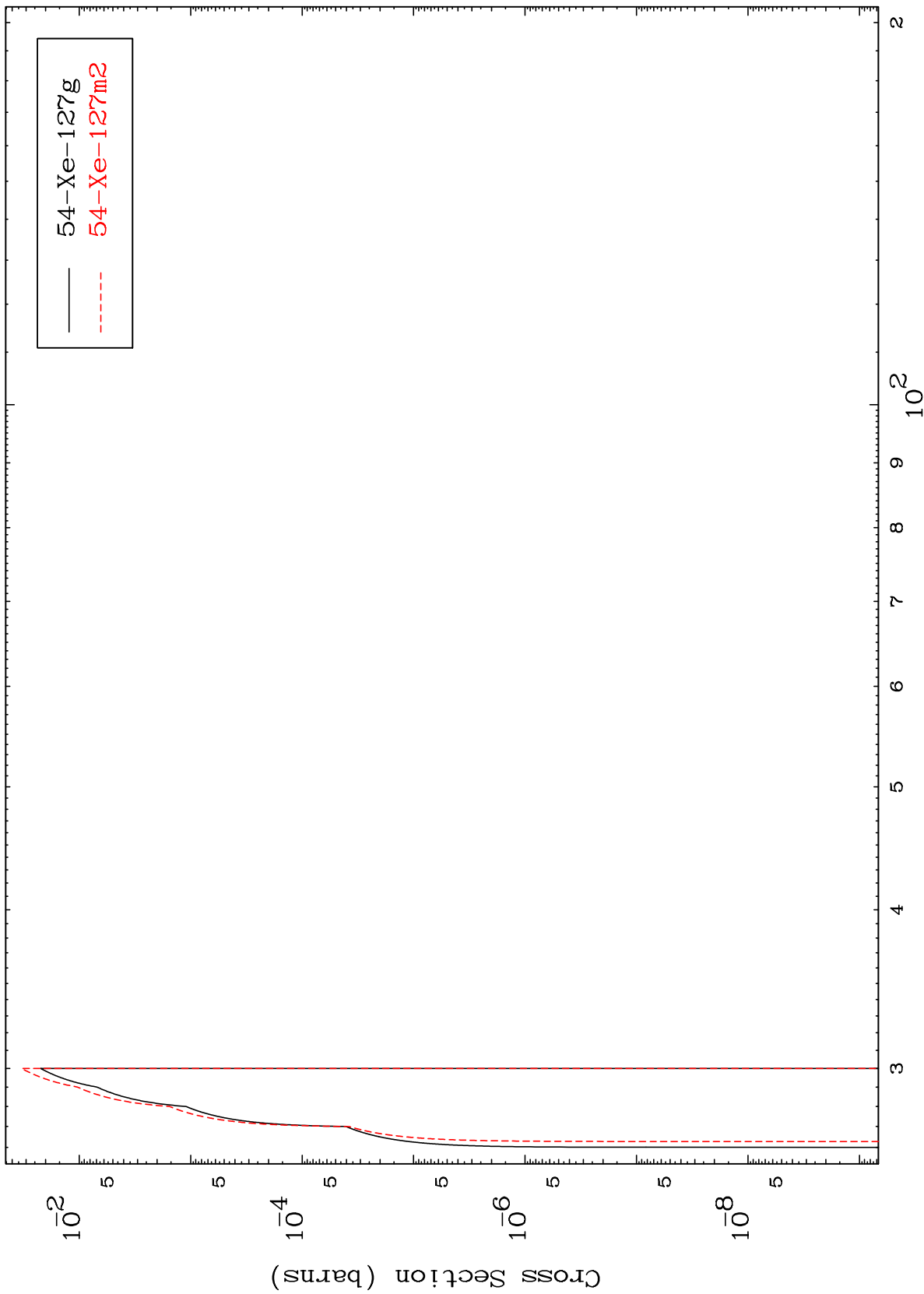
Radionuclide Production Cross Section



MAT 5443

54-Xe-130

(n,4n)
Radionuclide Production Cross Section



128

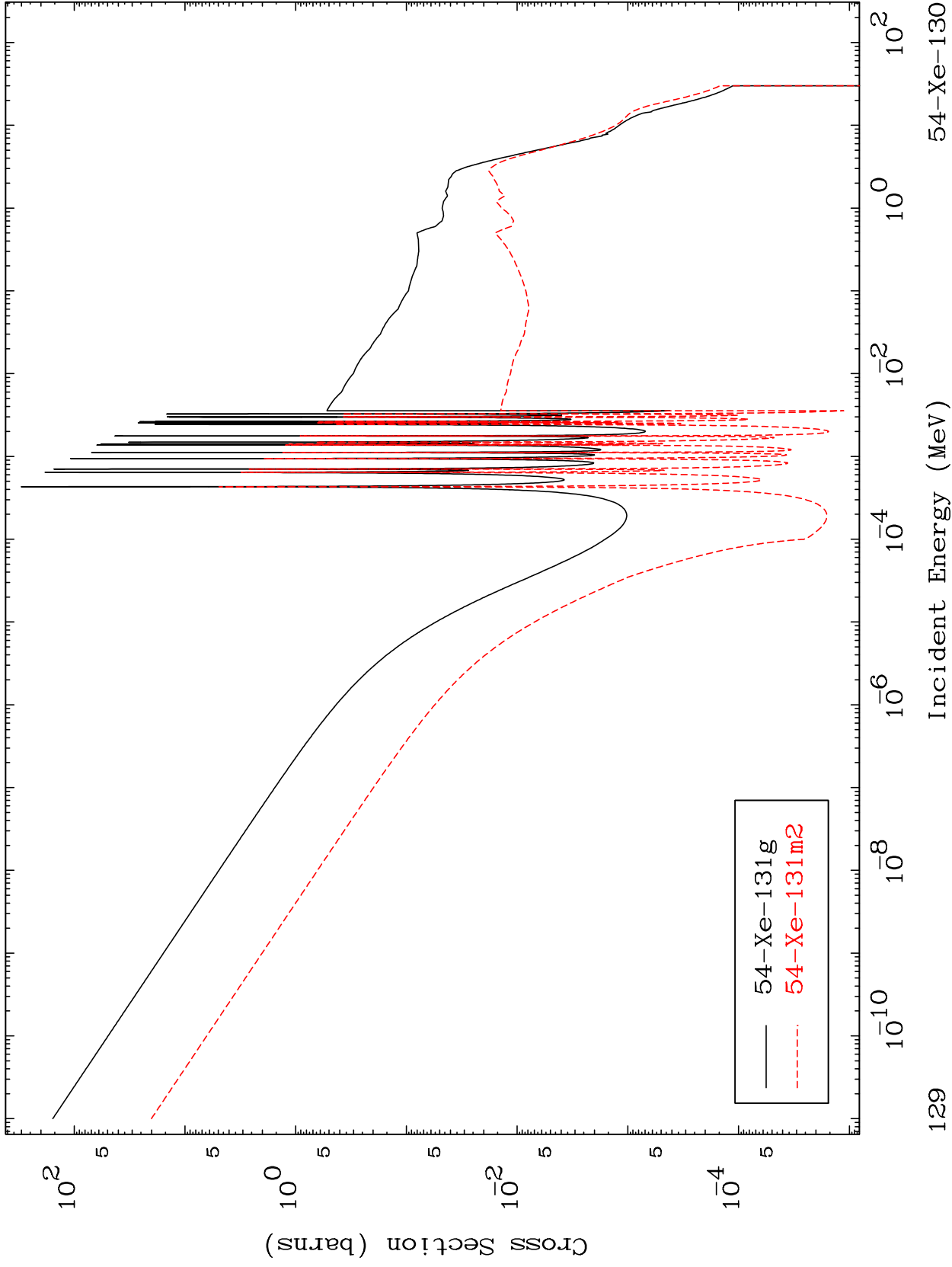
54-Xe-130

Incident Energy (MeV)

MAT 5443

54-Xe-130

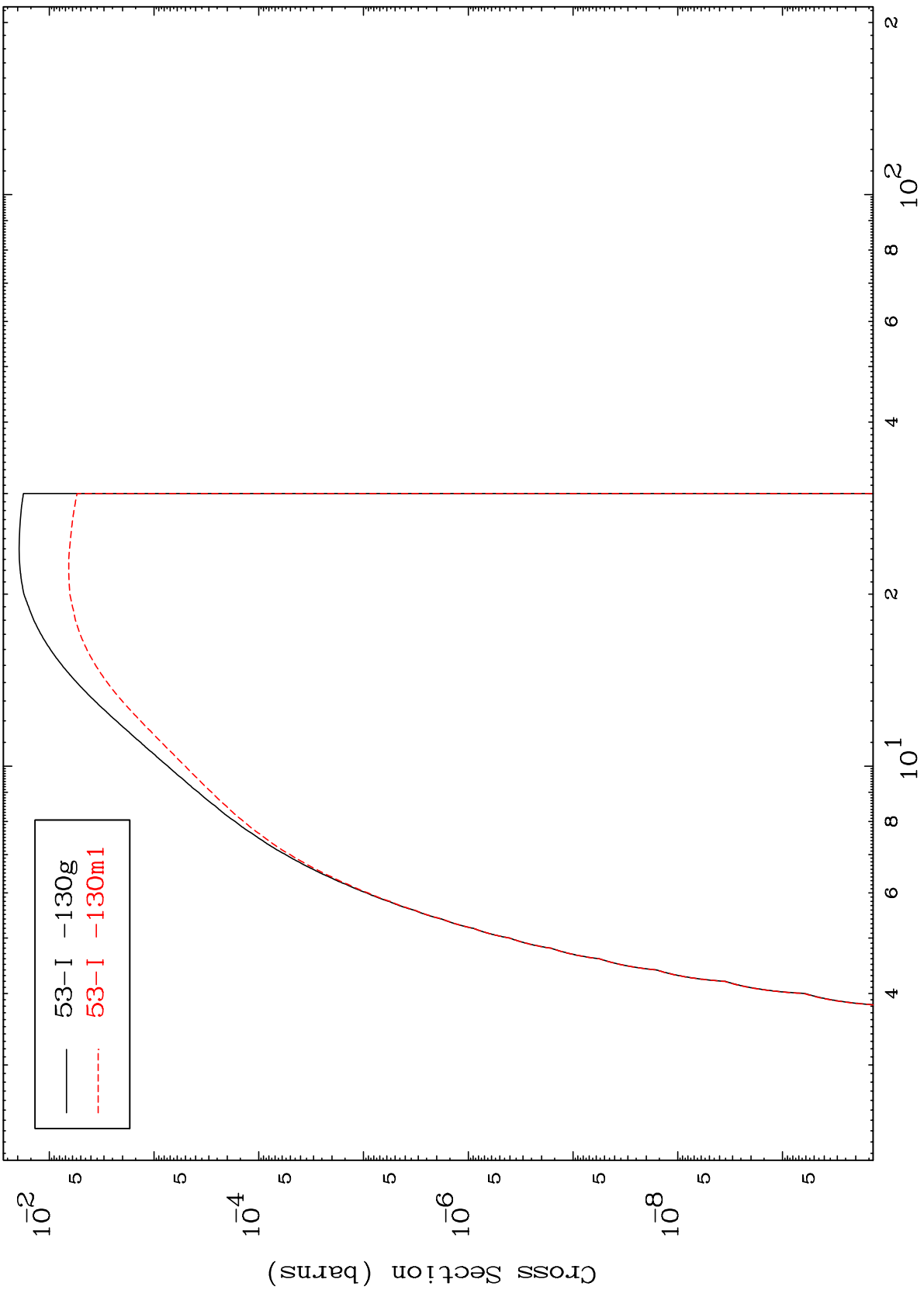
Radionuclide Production Cross Section
(n, γ)



MAT 5443

54-Xe-130

(n,p)
Radionuclide Production Cross Section



— 53-I -130g
- - - 53-I -130m1

130

Incident Energy (MeV)

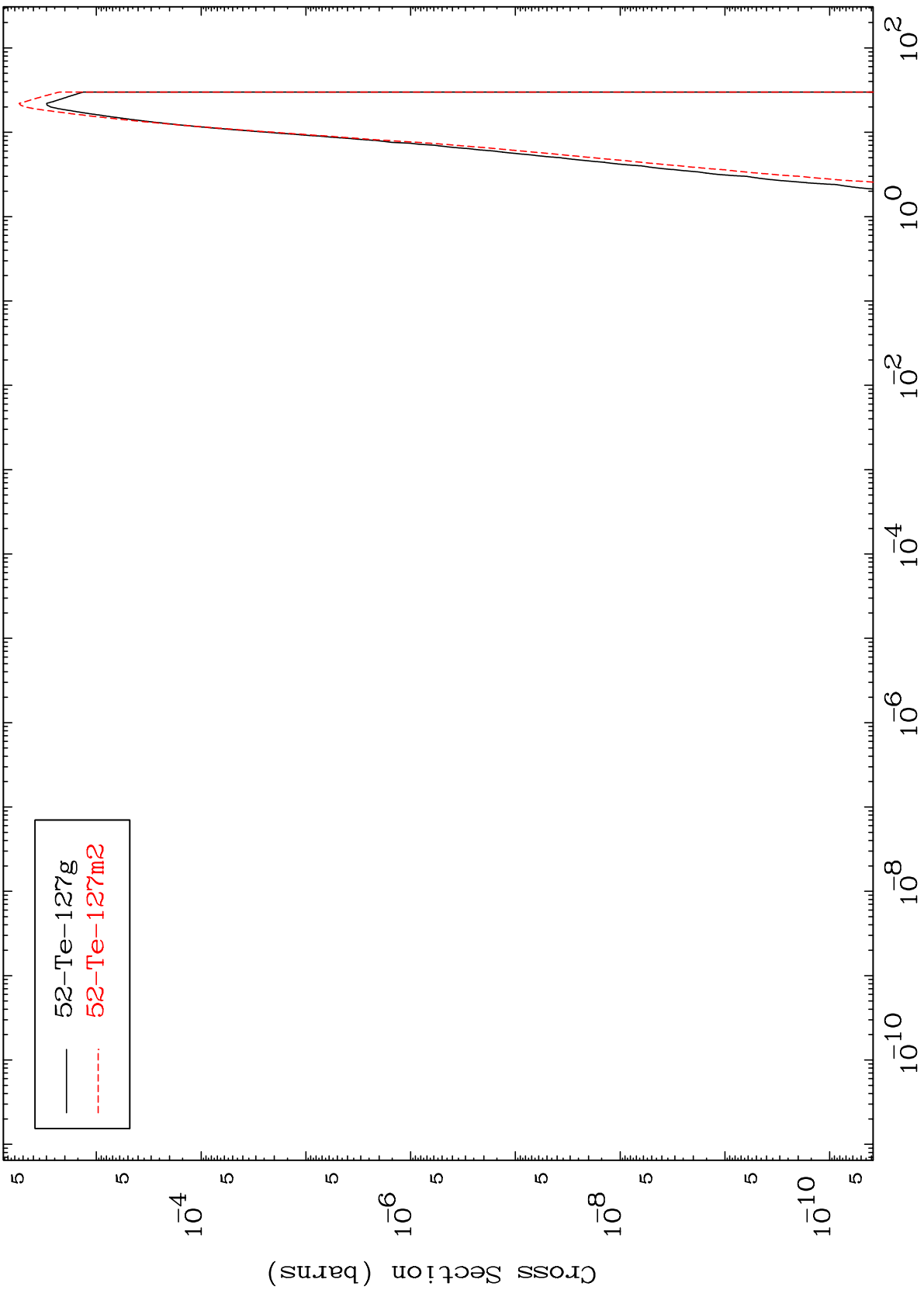
54-Xe-130

MAT 5443

(n, α)

54-Xe-130

Radionuclide Production Cross Section



131

Incident Energy (MeV)

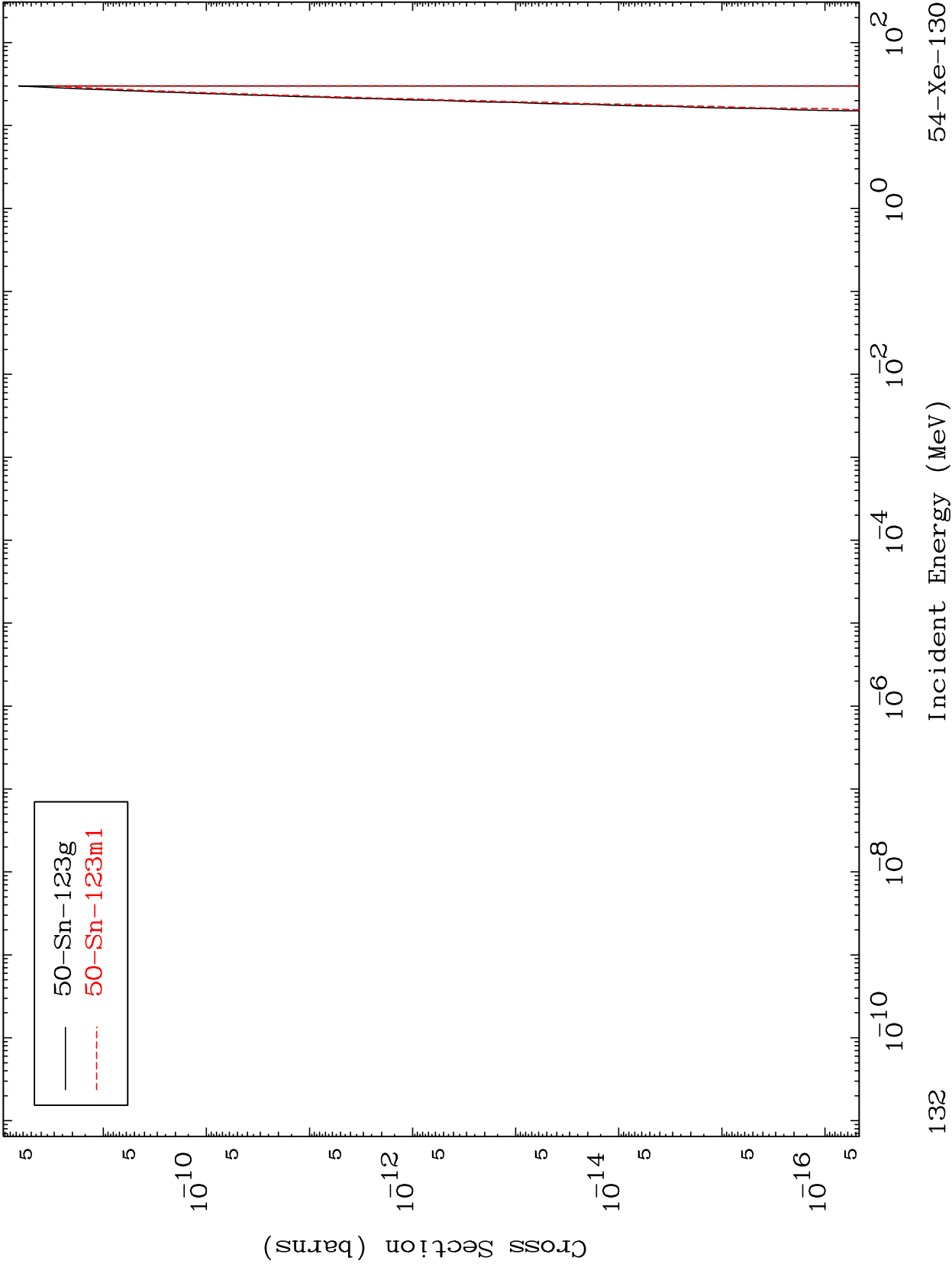
54-Xe-130

MAT 5443

(n,2α)

54-Xe-130

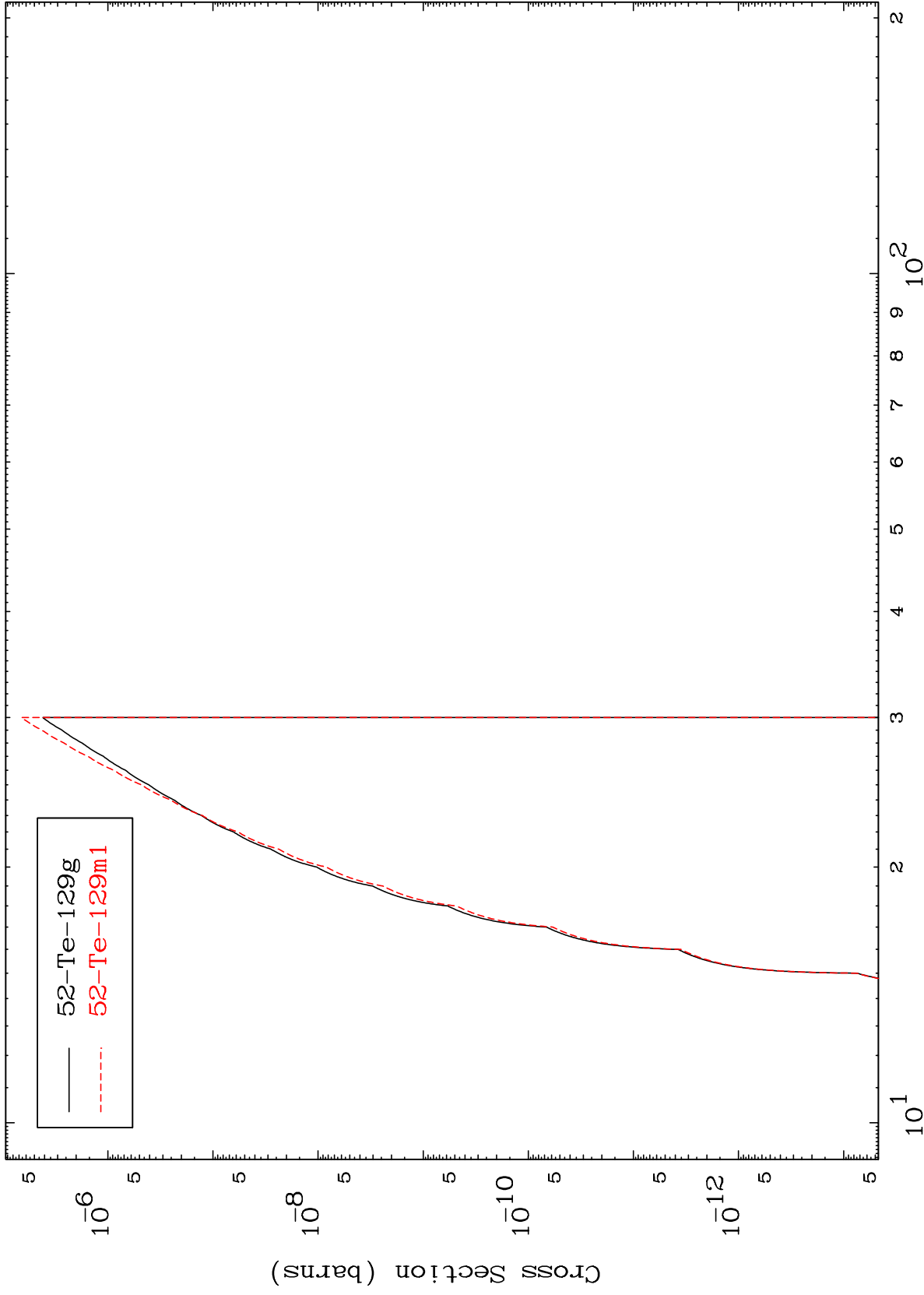
Radionuclide Production Cross Section



MAT 5443

54-Xe-130

(n,2p)
Radionuclide Production Cross Section



54-Xe-130

Incident Energy (MeV)

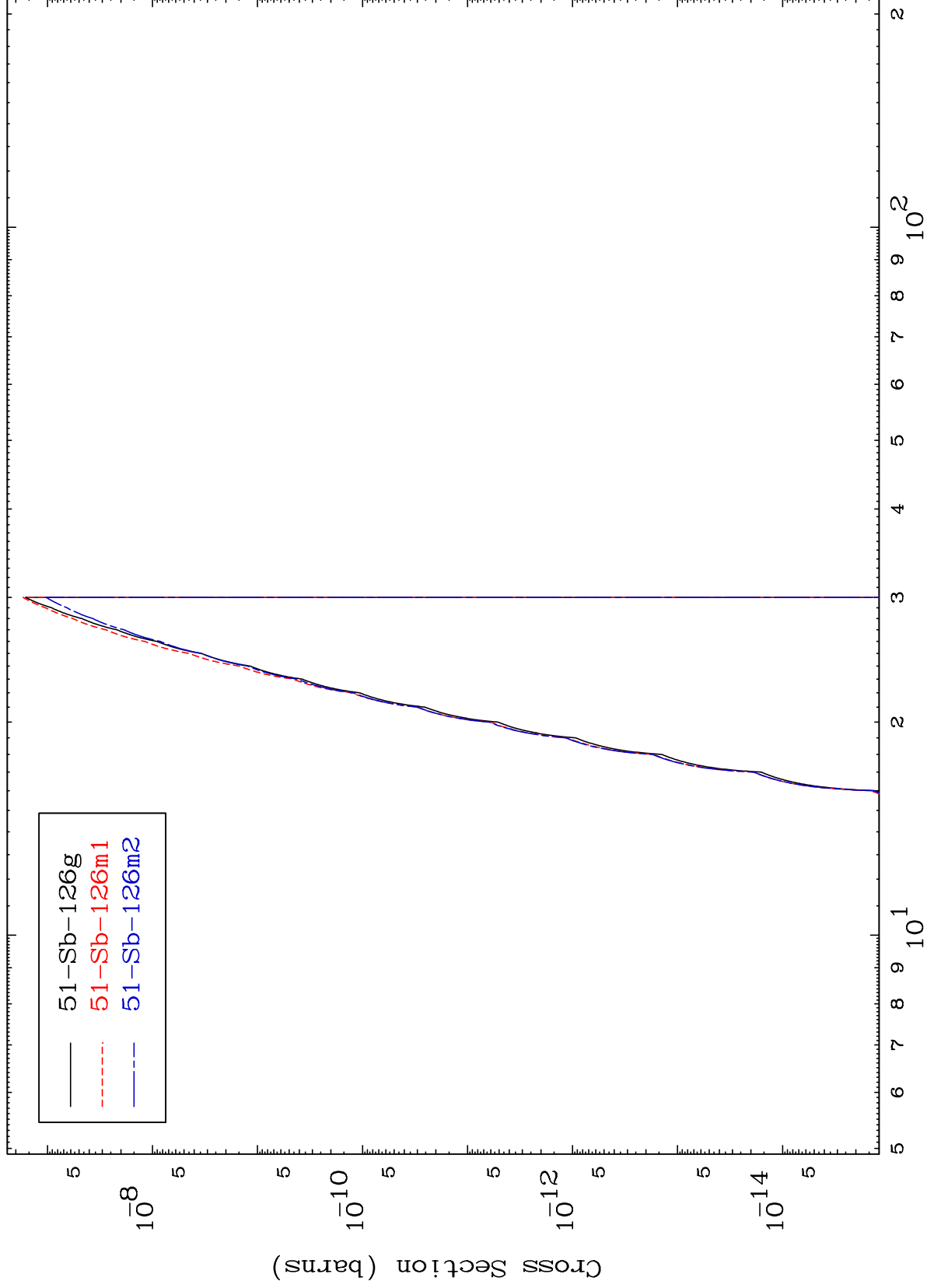
133

MAT 5443

(n,p) α

54-Xe-130

Radionuclide Production Cross Section



134

Incident Energy (MeV)

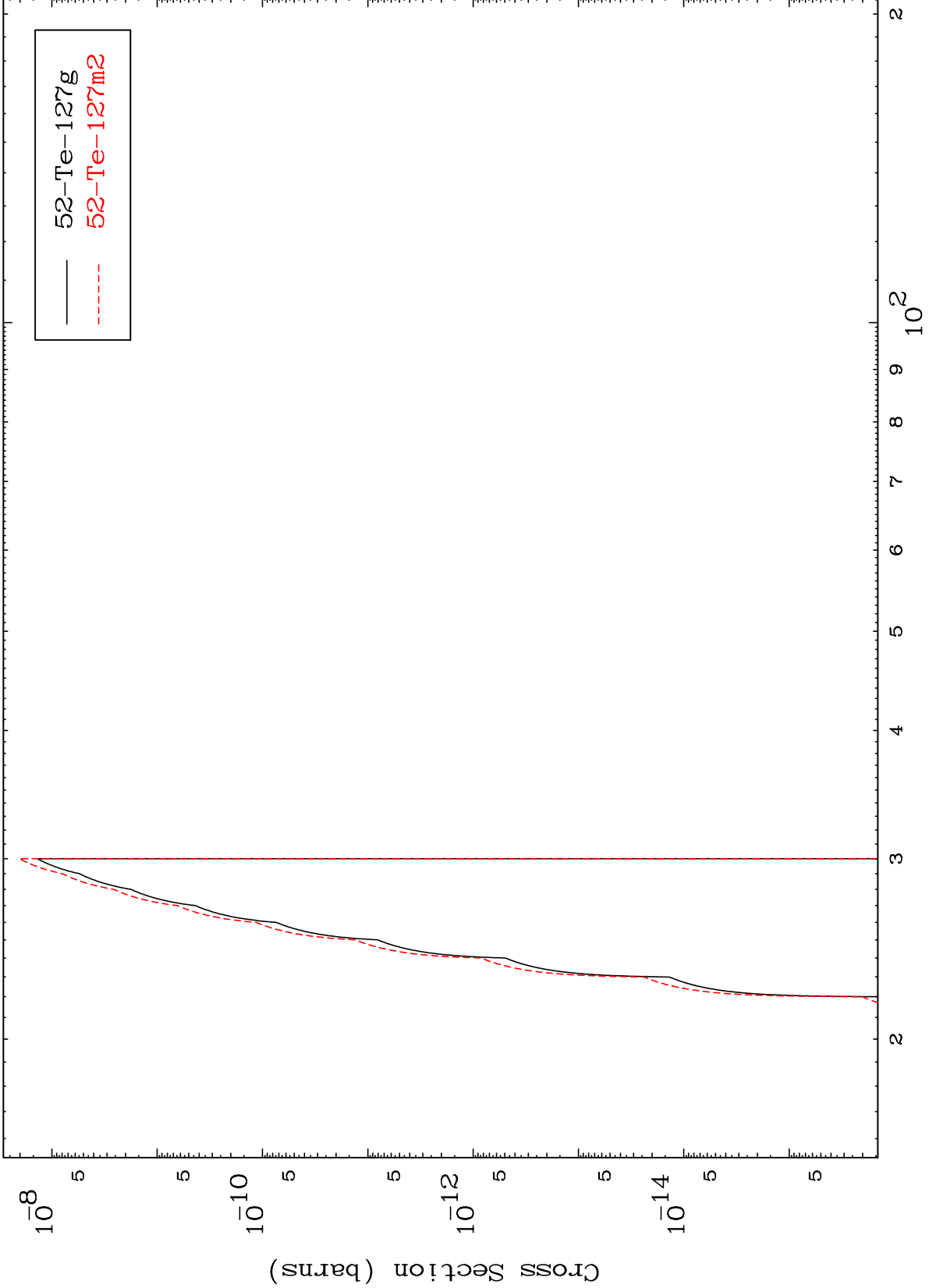
54-Xe-130

MAT 5443

(n,p) t

54-Xe-130

Radionuclide Production Cross Section



135

Incident Energy (MeV)

54-Xe-130