

Program EVALPLOT
(Version 2021-1)

by

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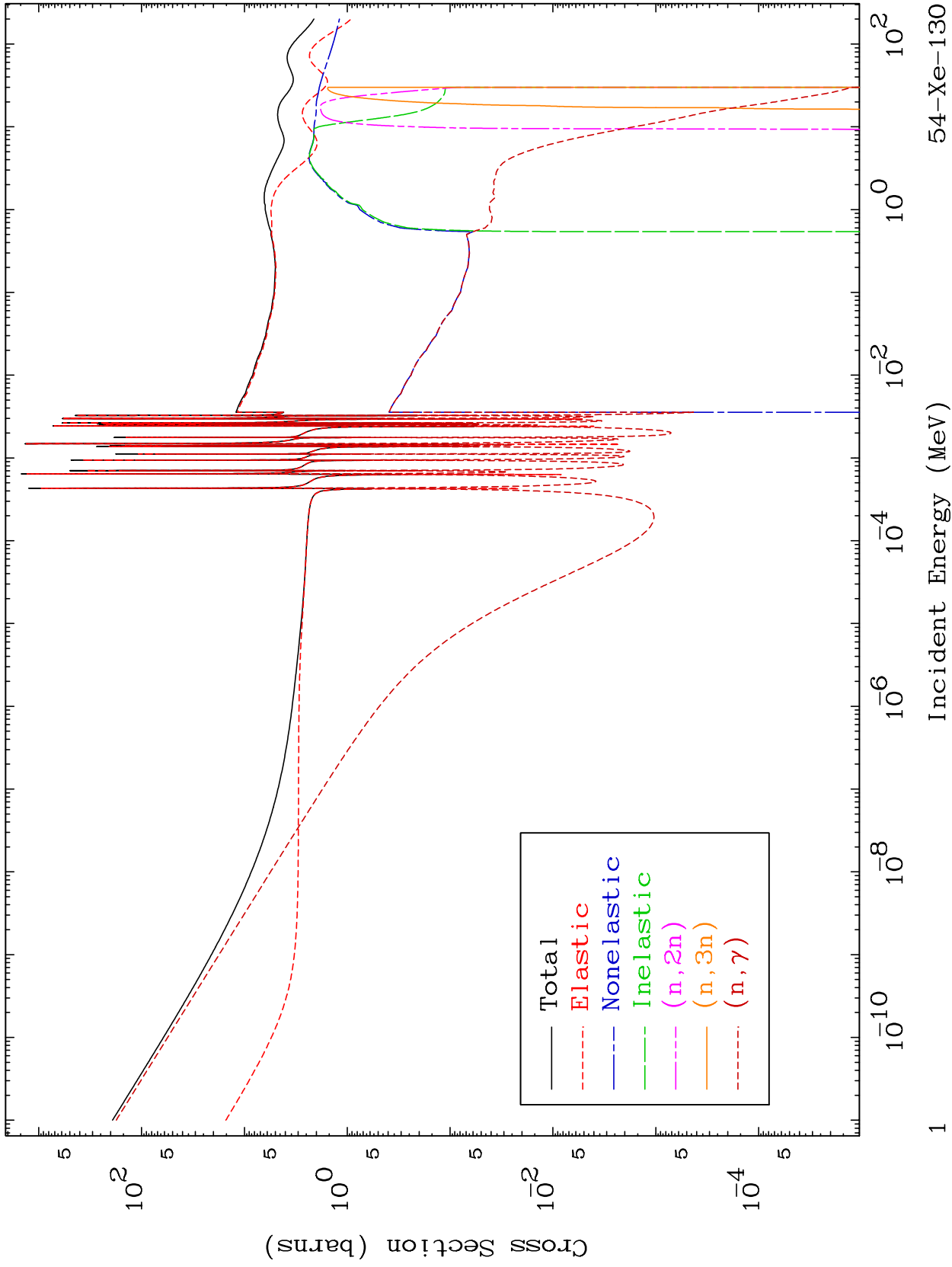
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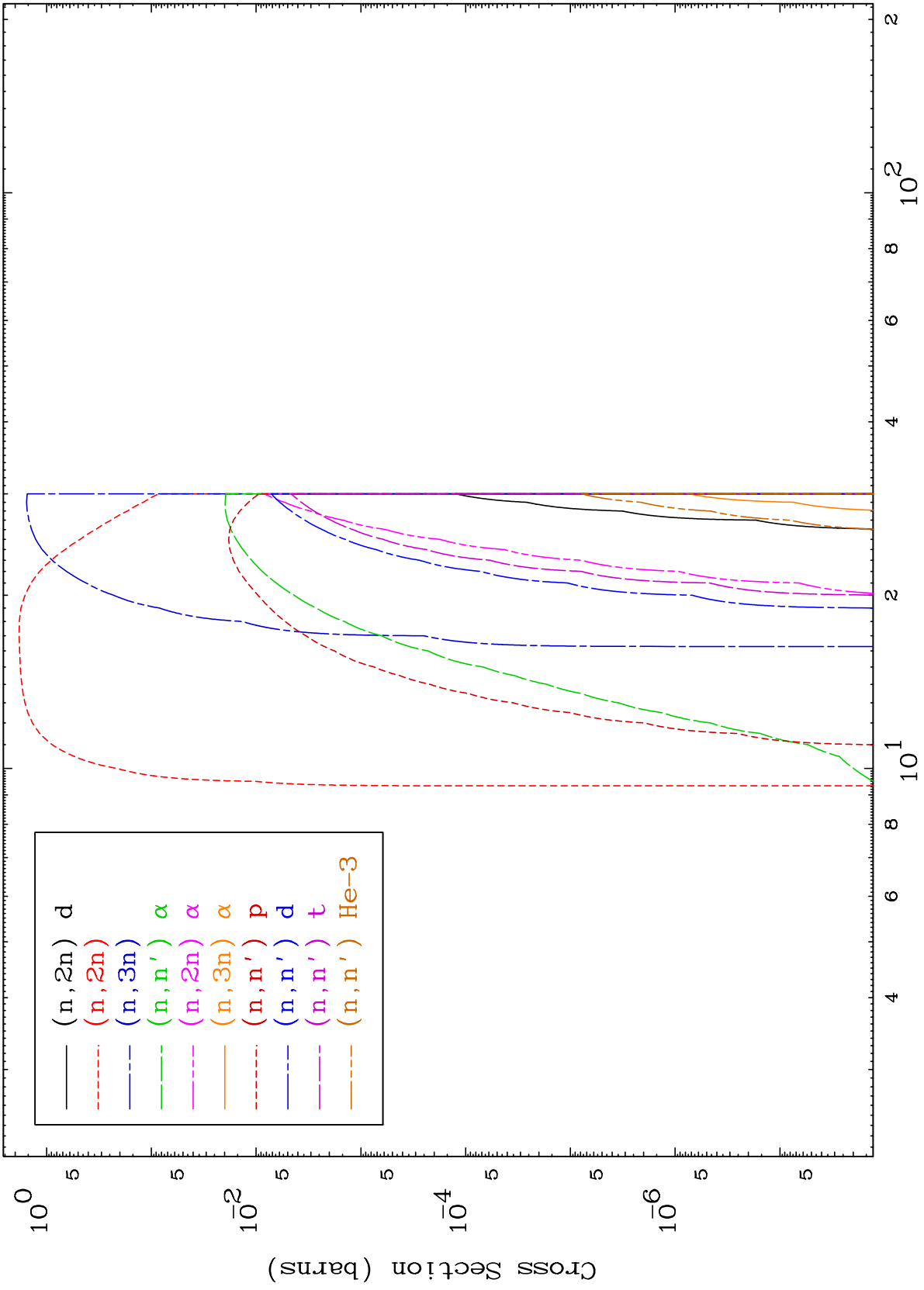
Press Mouse Button to Start

MAT 5443

Neutron Major
293 Kelvin Cross Sections

54-Xe-130

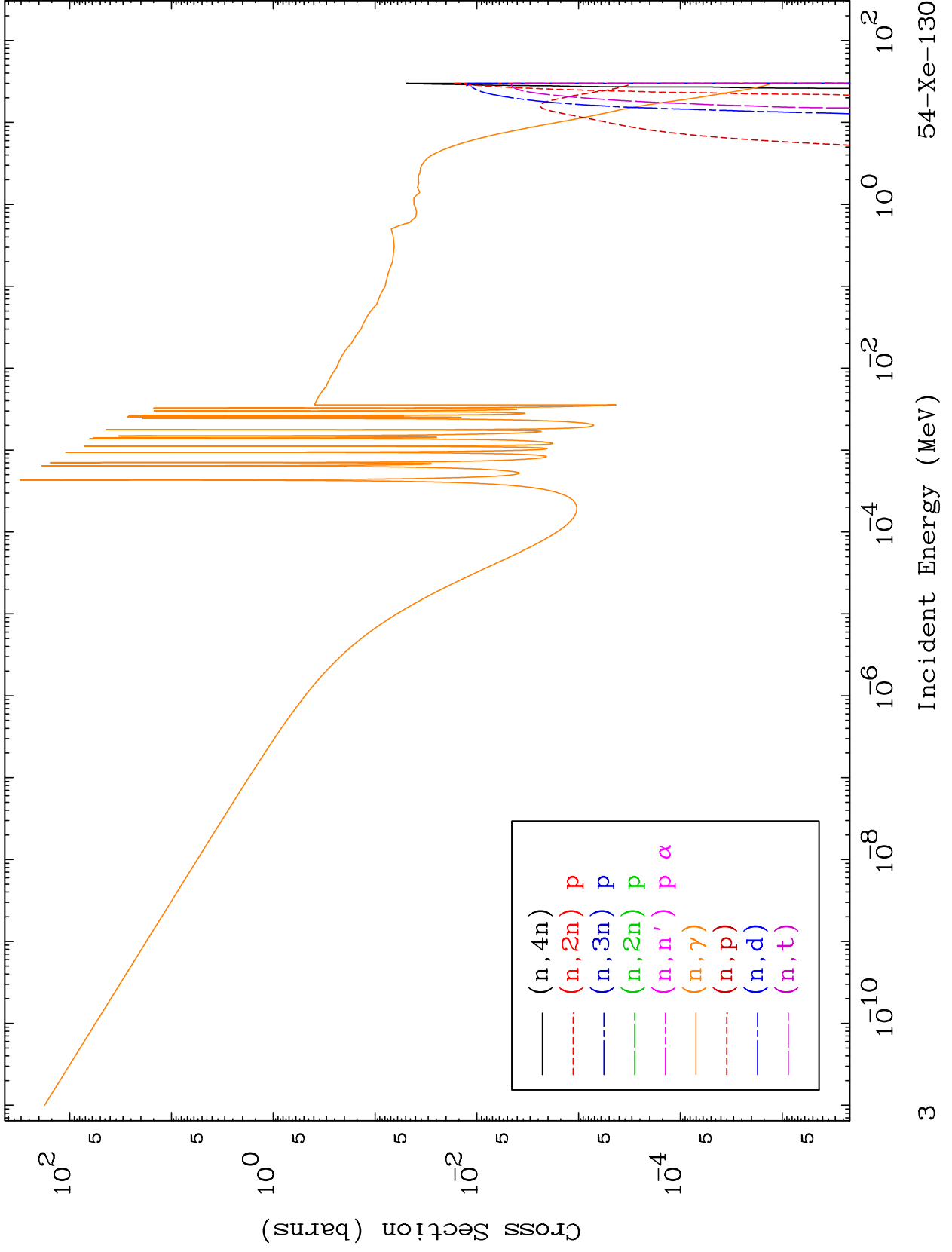




MAT 5443

Neutron Absorption
293 Kelvin Cross Sections

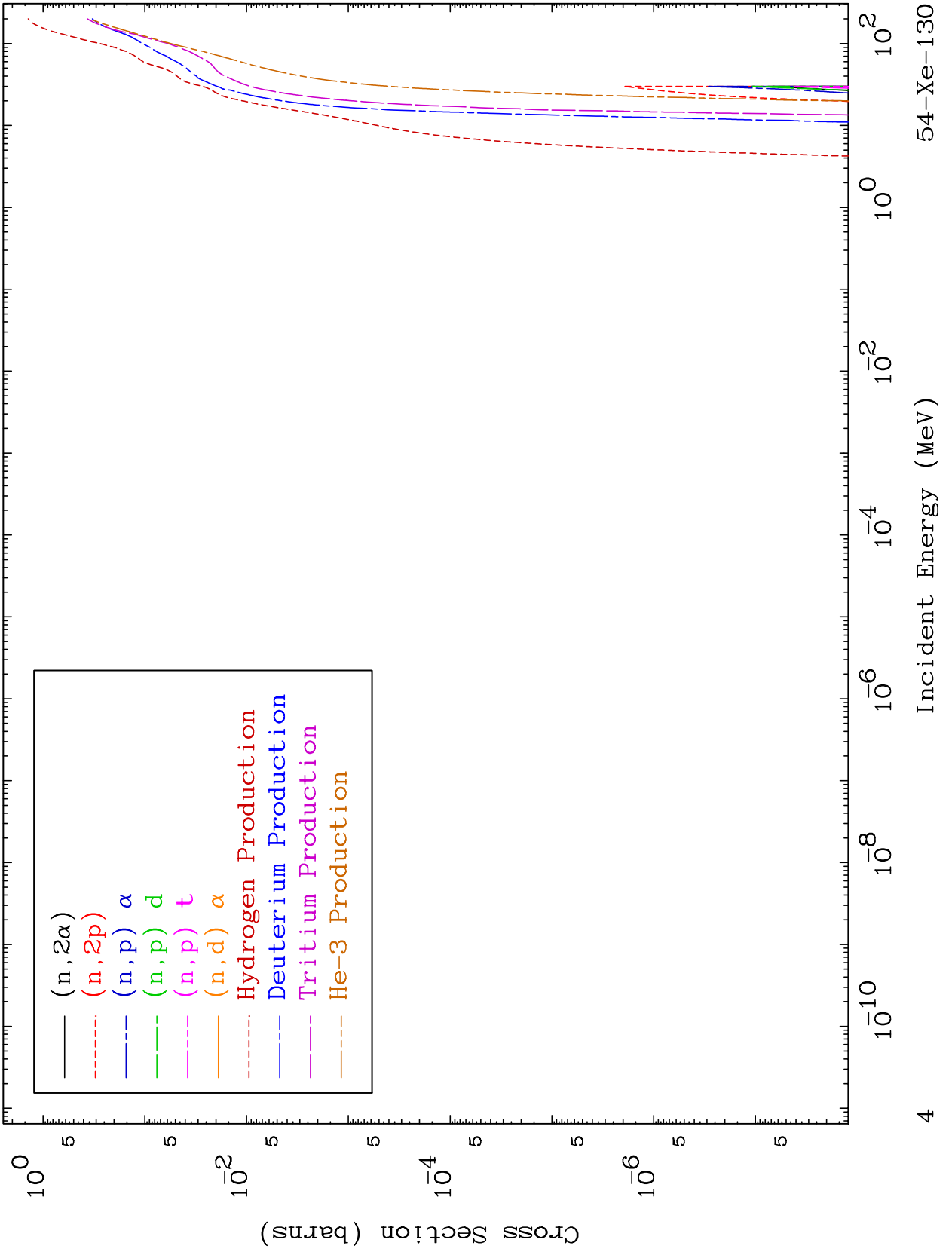
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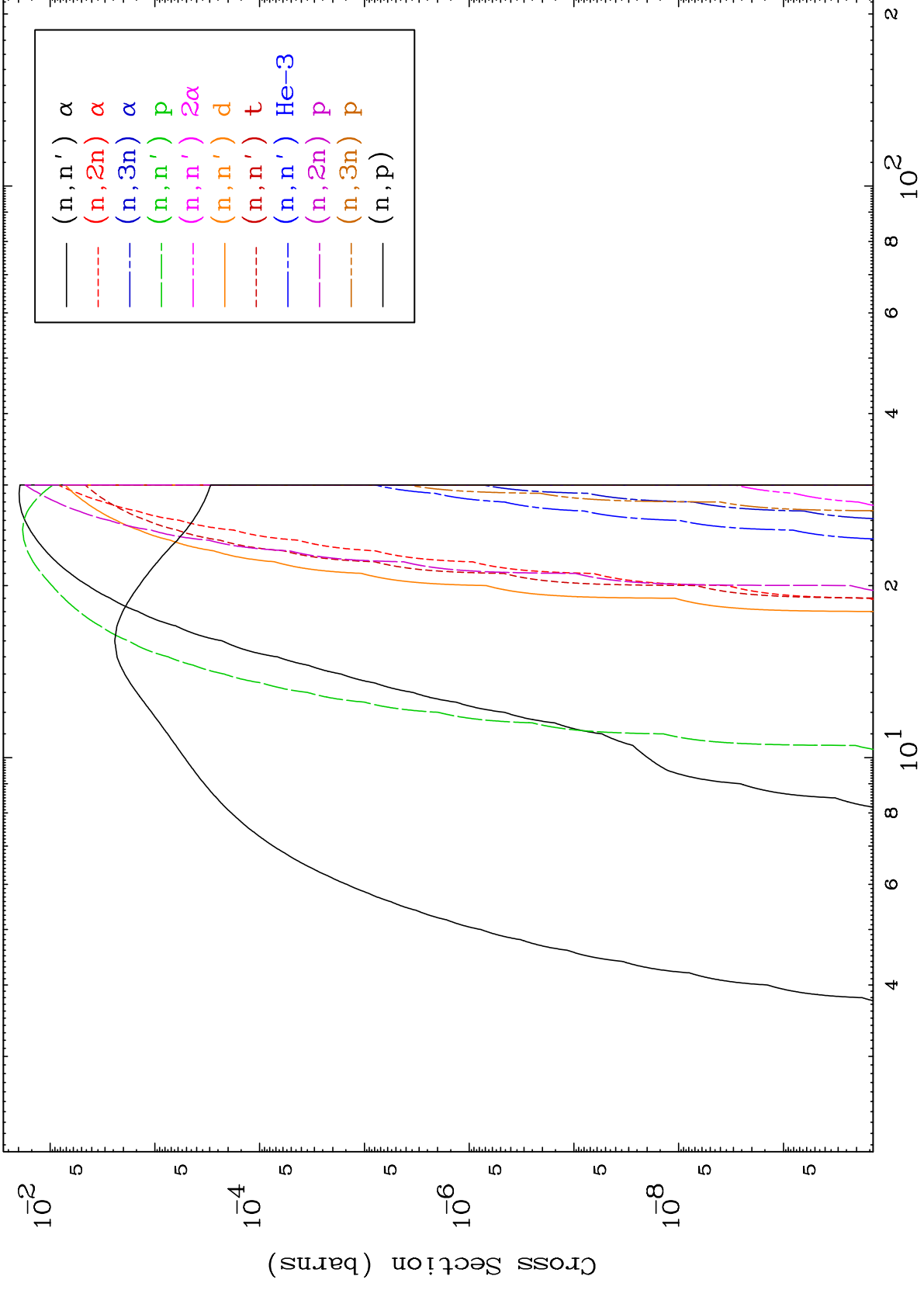


MAT 5443

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-130

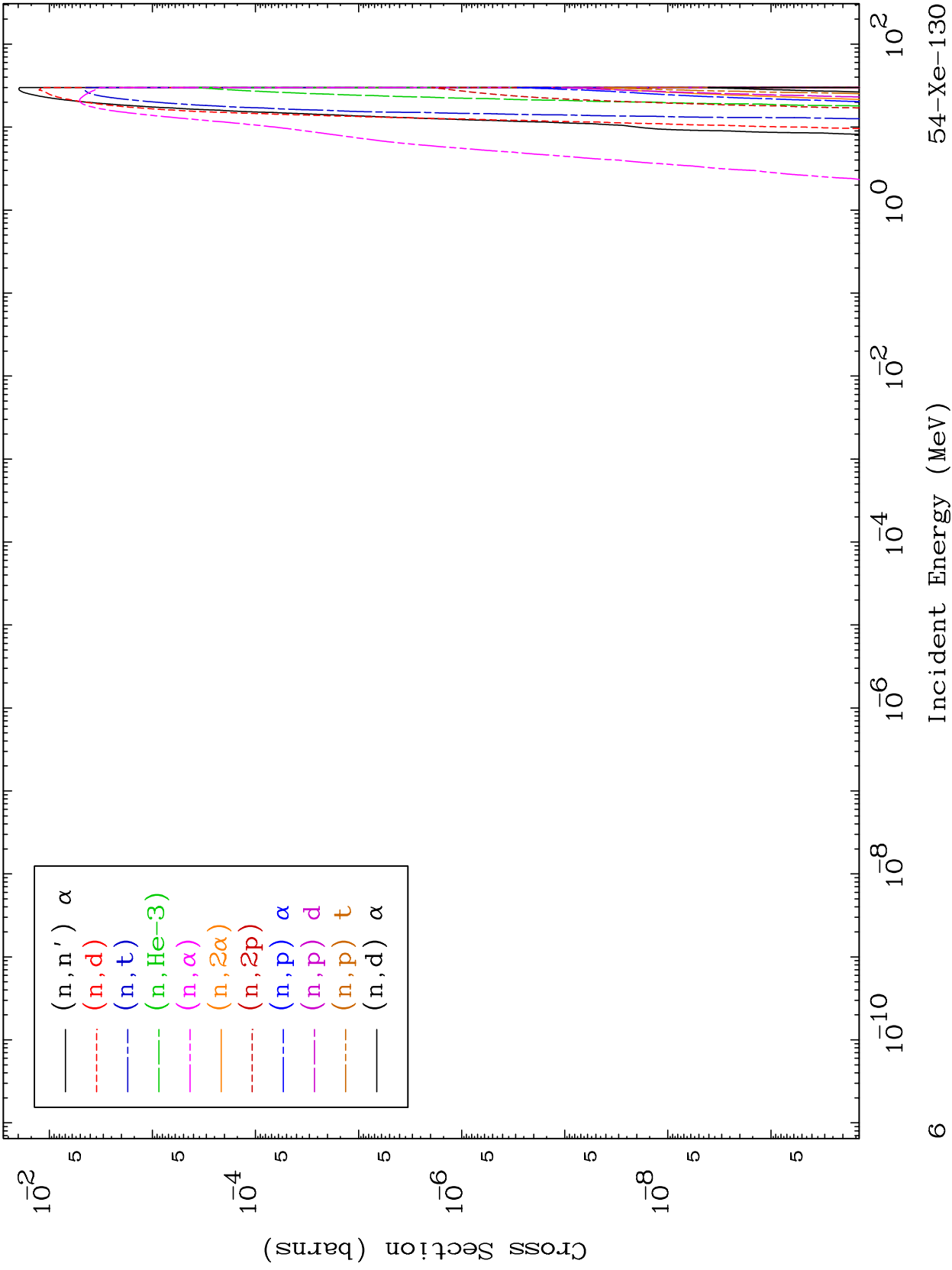




MAT 5443

Charged Particle
293 Kelvin Cross Sections

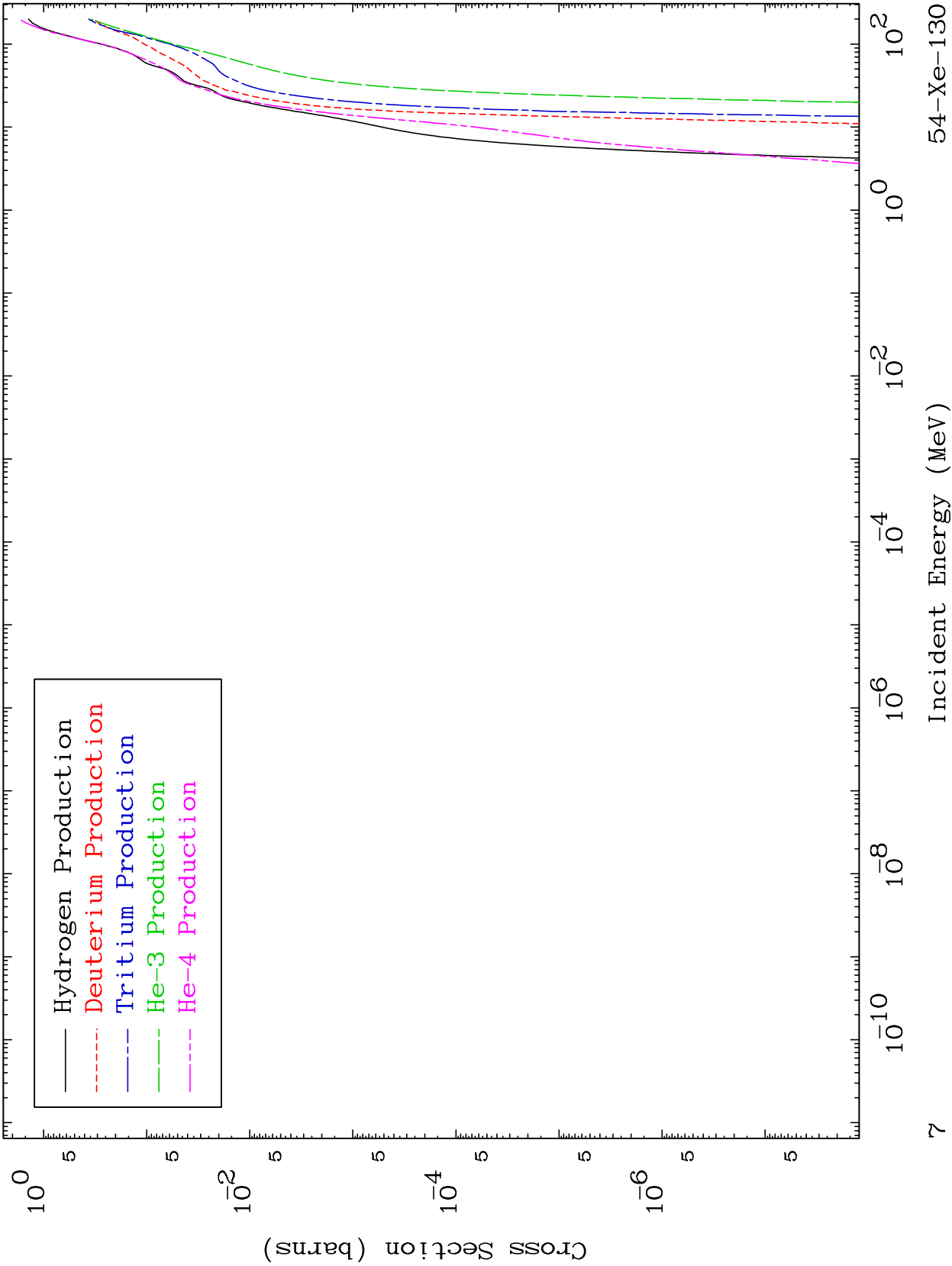
54-Xe-130



MAT 5443

Particle Production
293 Kelvin Cross Sections

54-Xe-130

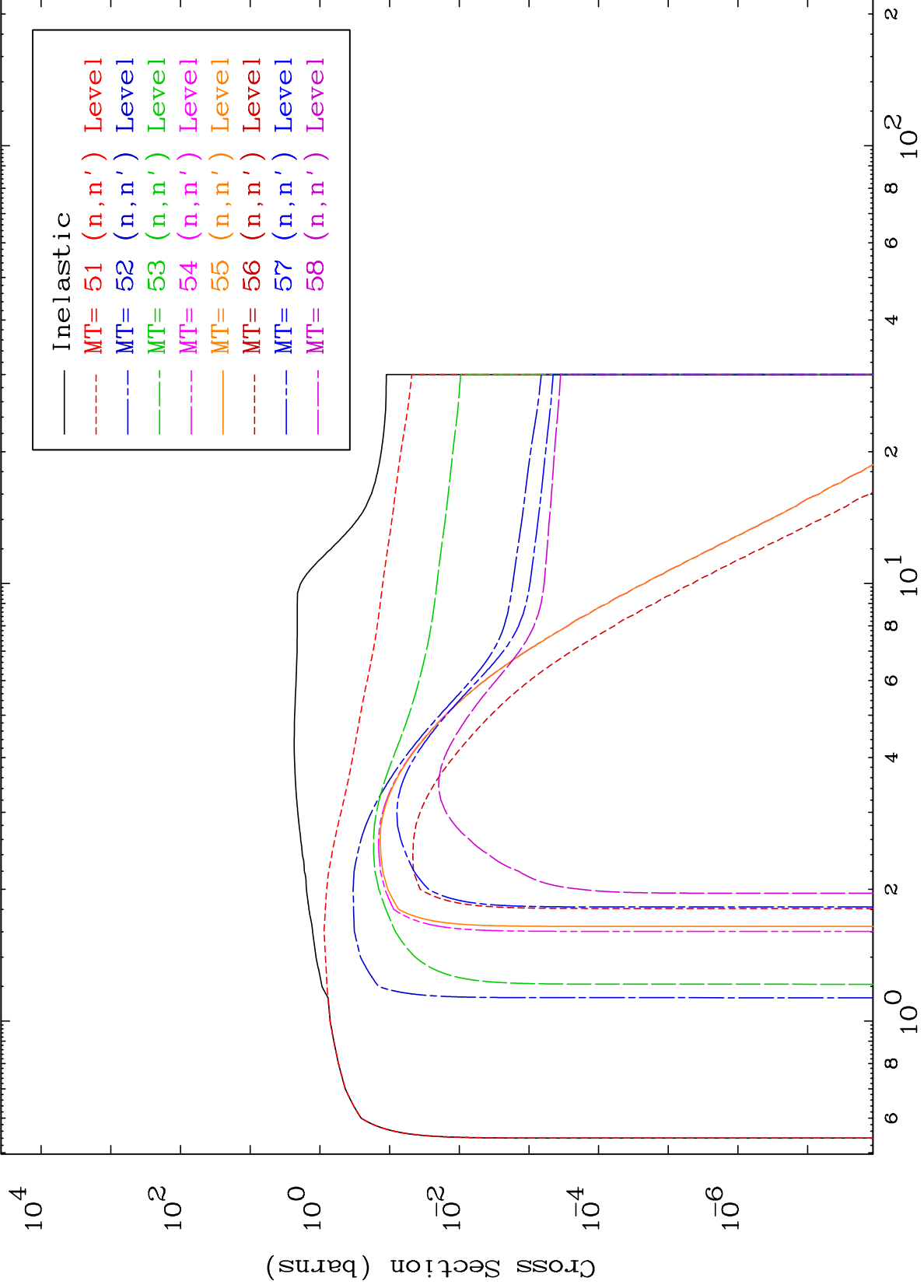


MAT 5443

(n,n') Levels

54-Xe-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

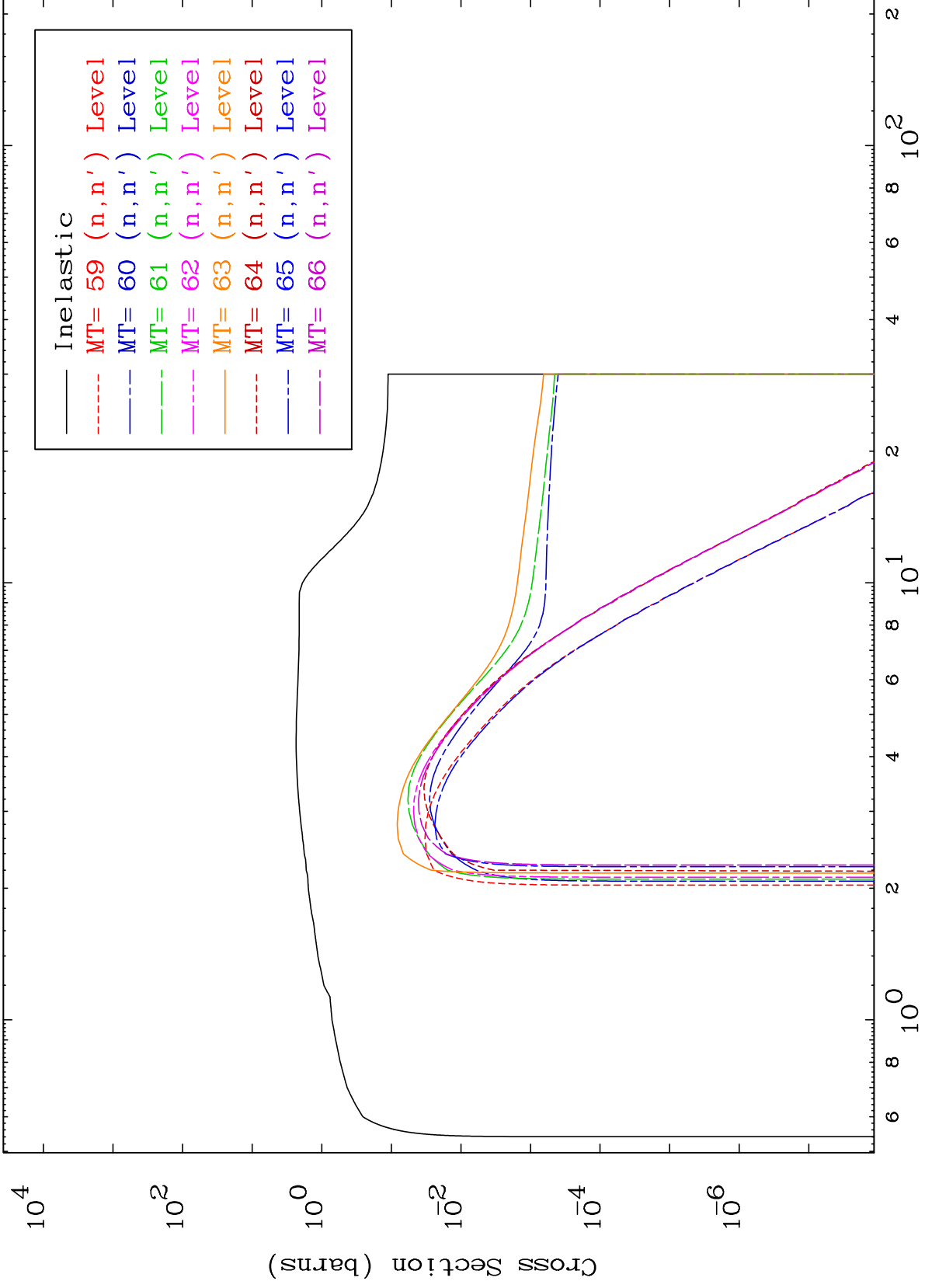
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MAT 5443

(n,n') Levels

54-Xe-130

293 Kelvin Cross Sections

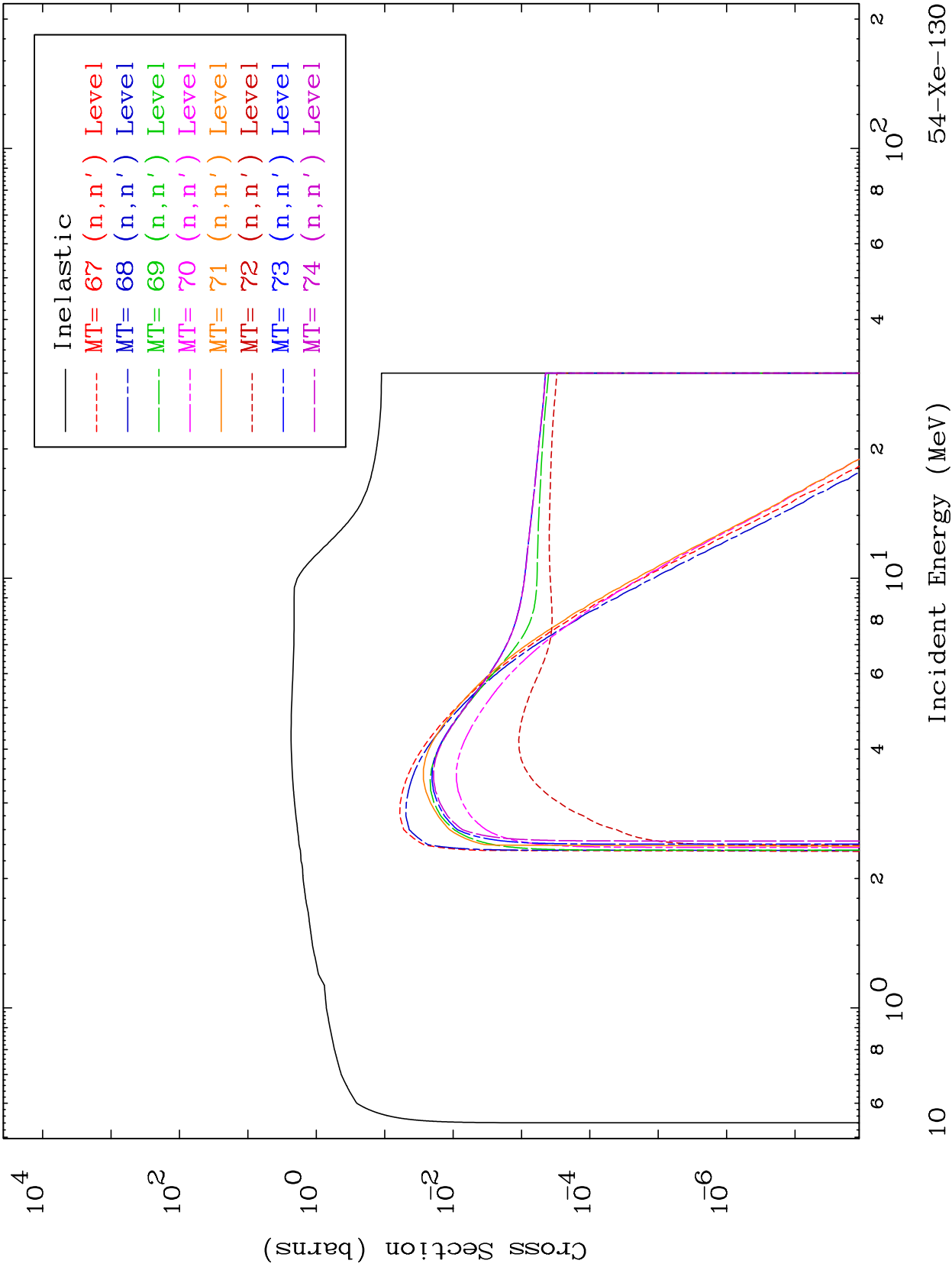


MAT 5443

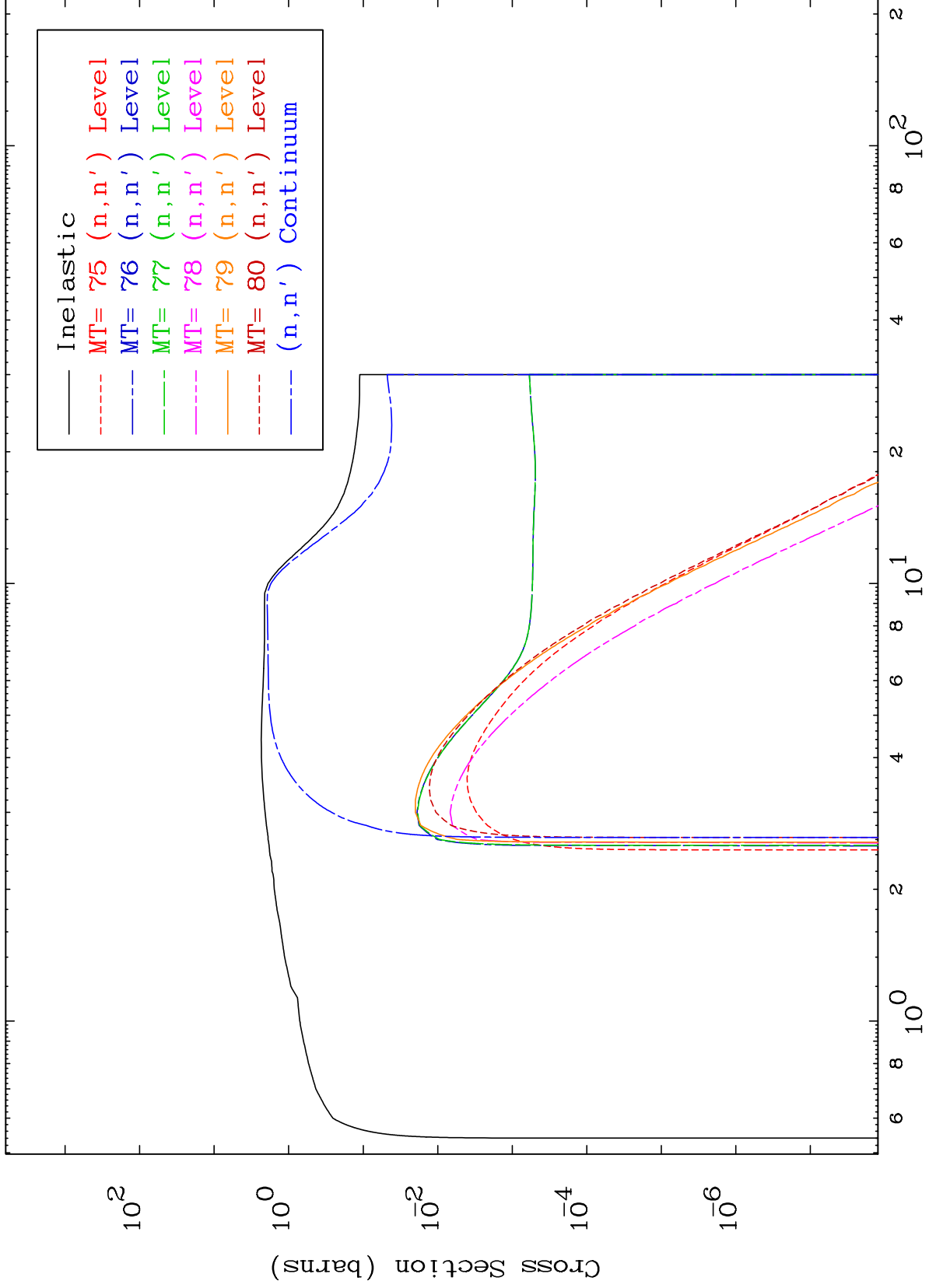
(n,n') Levels

54-Xe-130

293 Kelvin Cross Sections



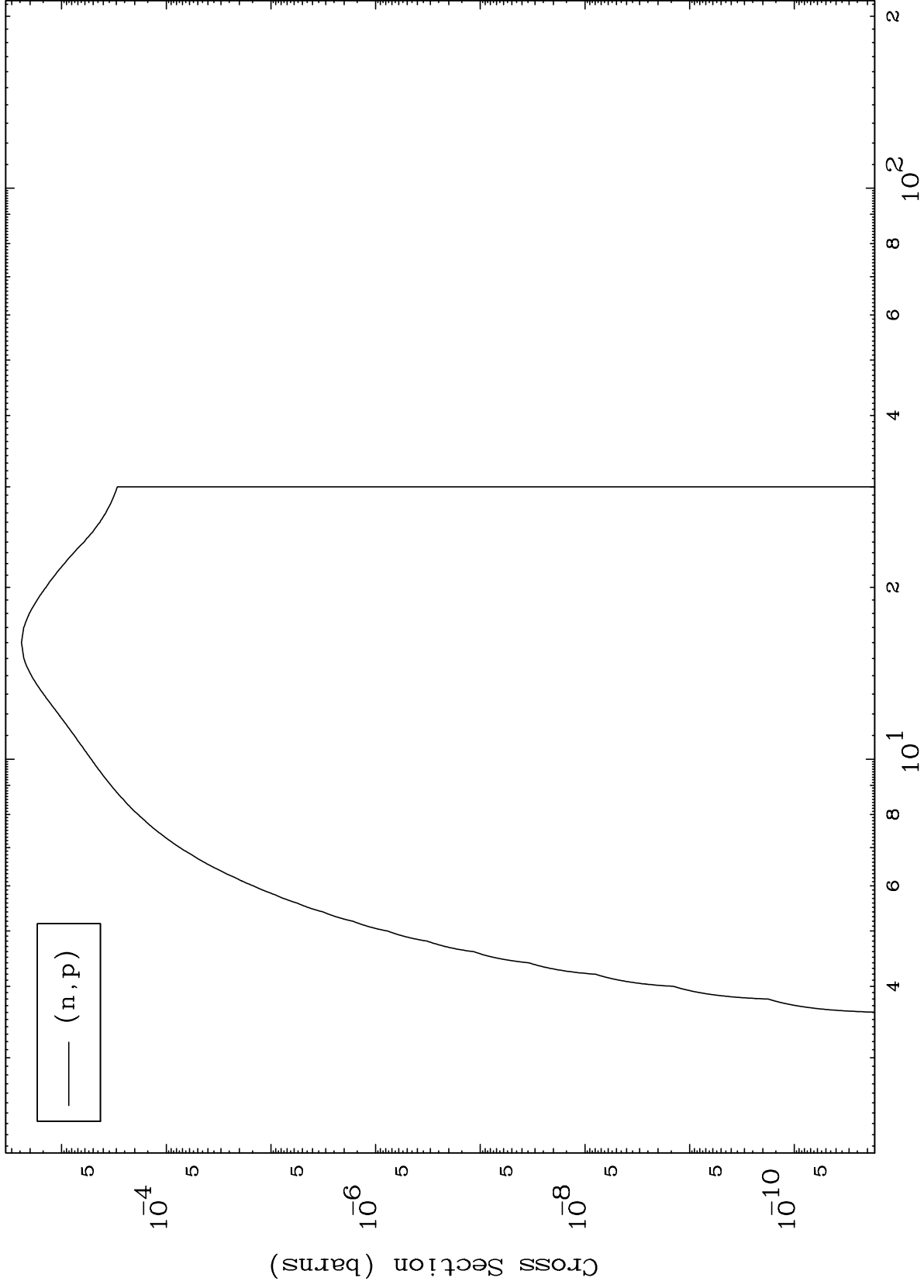
293 Kelvin Cross Sections



MAT 5443

(n,p) Levels
293 Kelvin Cross Sections

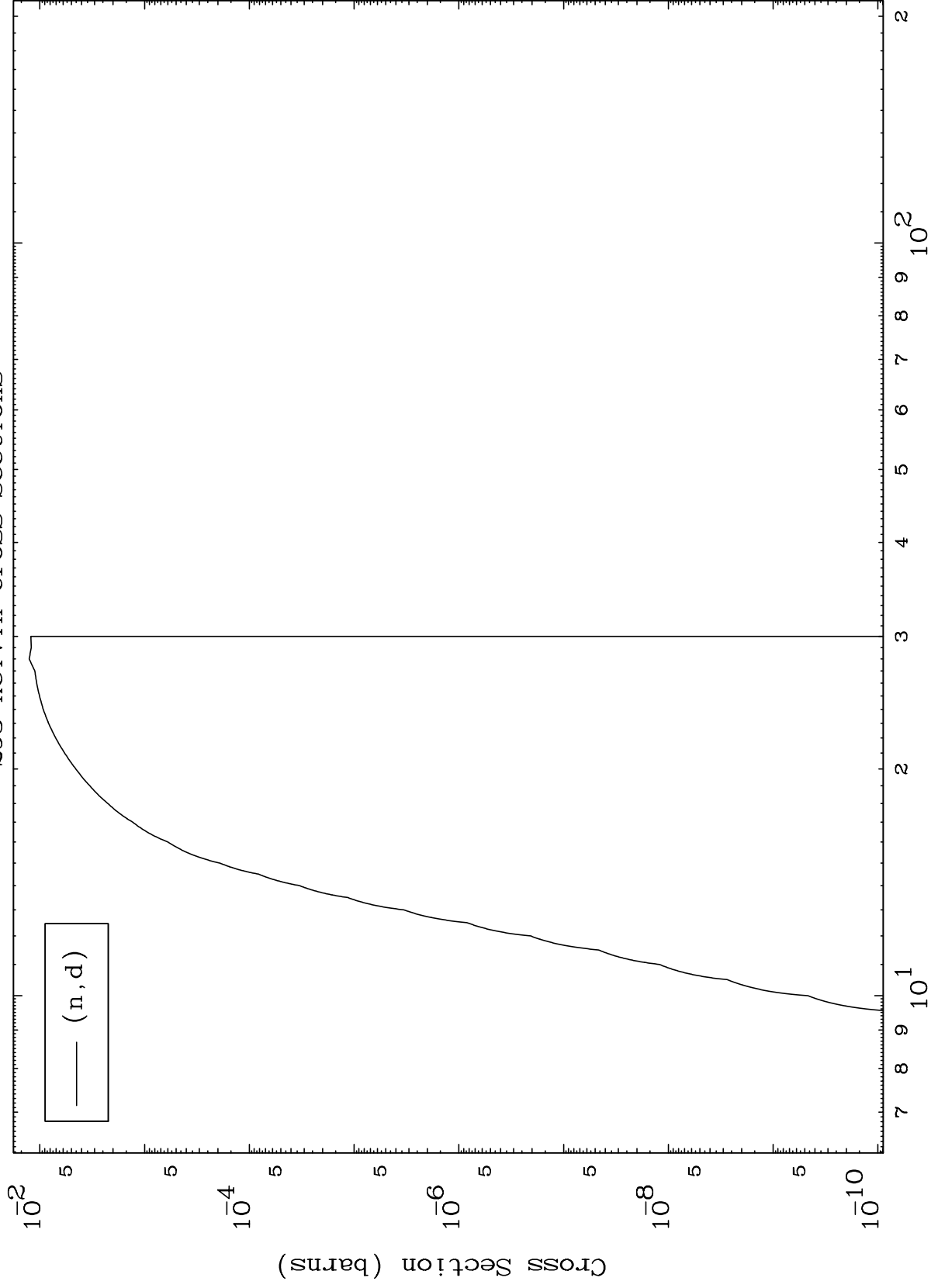
54-Xe-130



MAT 5443

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-130



(n,d)

13

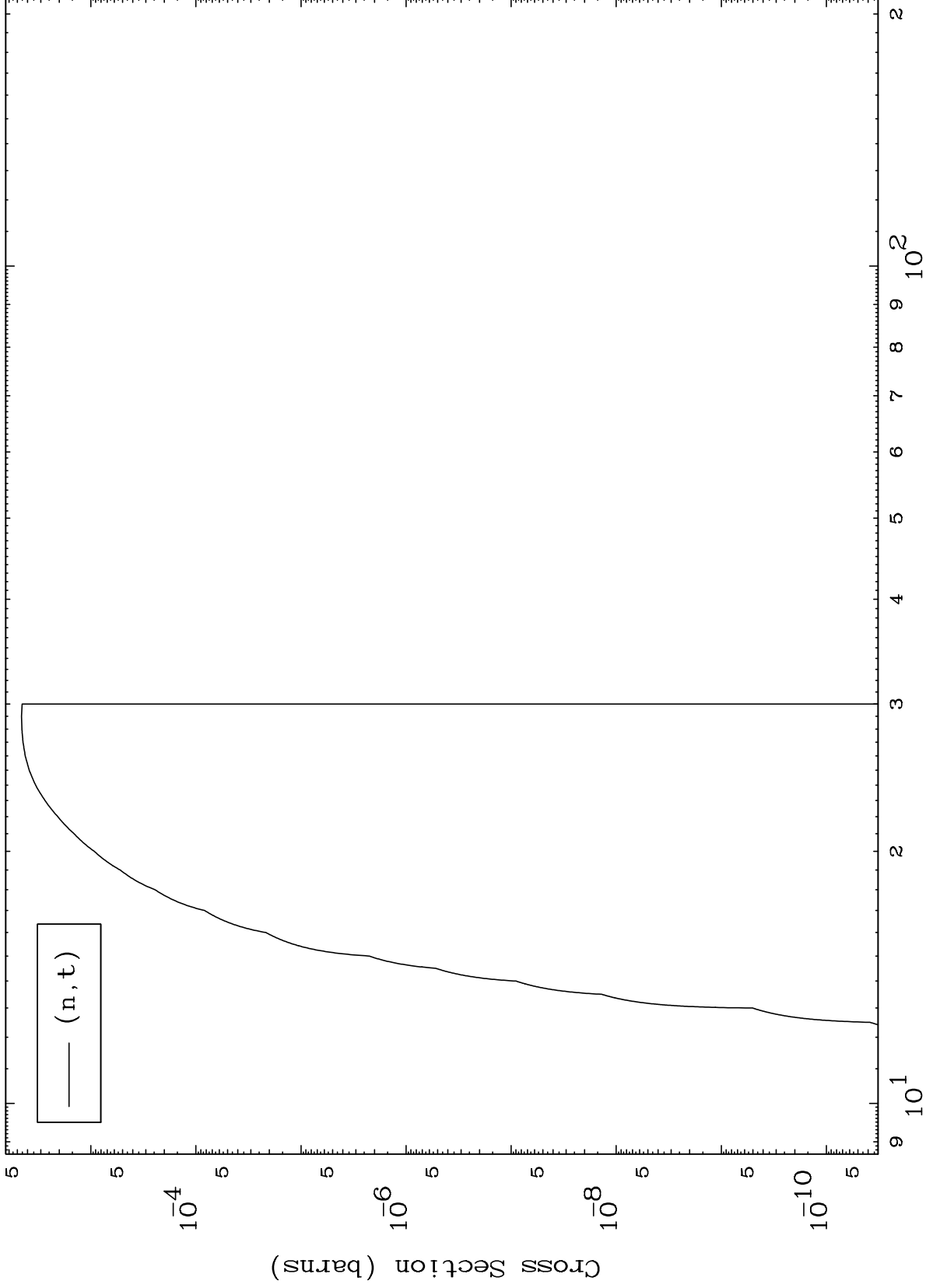
Incident Energy (MeV)

54-Xe-130

MAT 5443

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-130



Incident Energy (MeV)

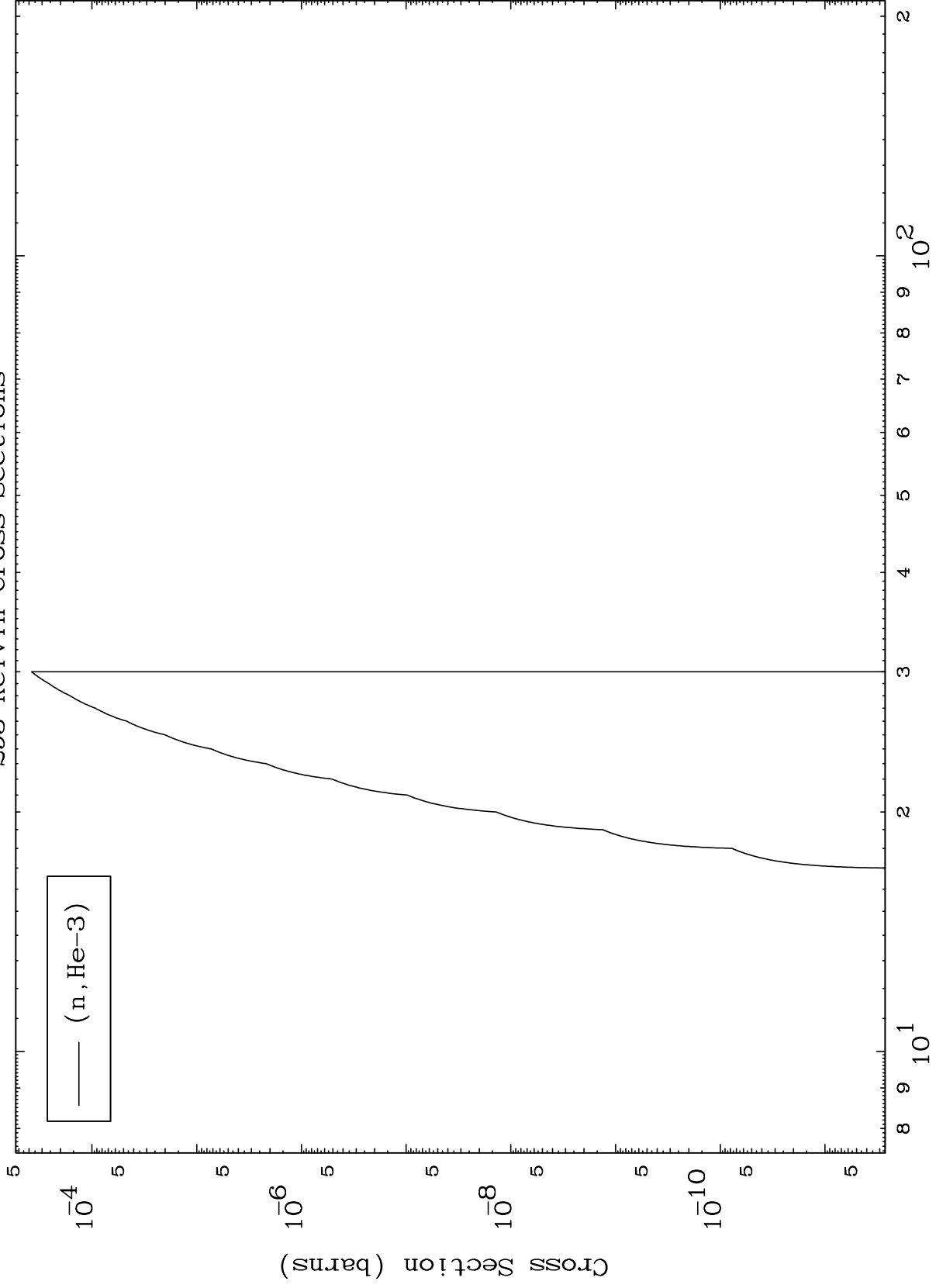
54-Xe-130

14

MAT 5443

(n,He3) Levels
293 Kelvin Cross Sections

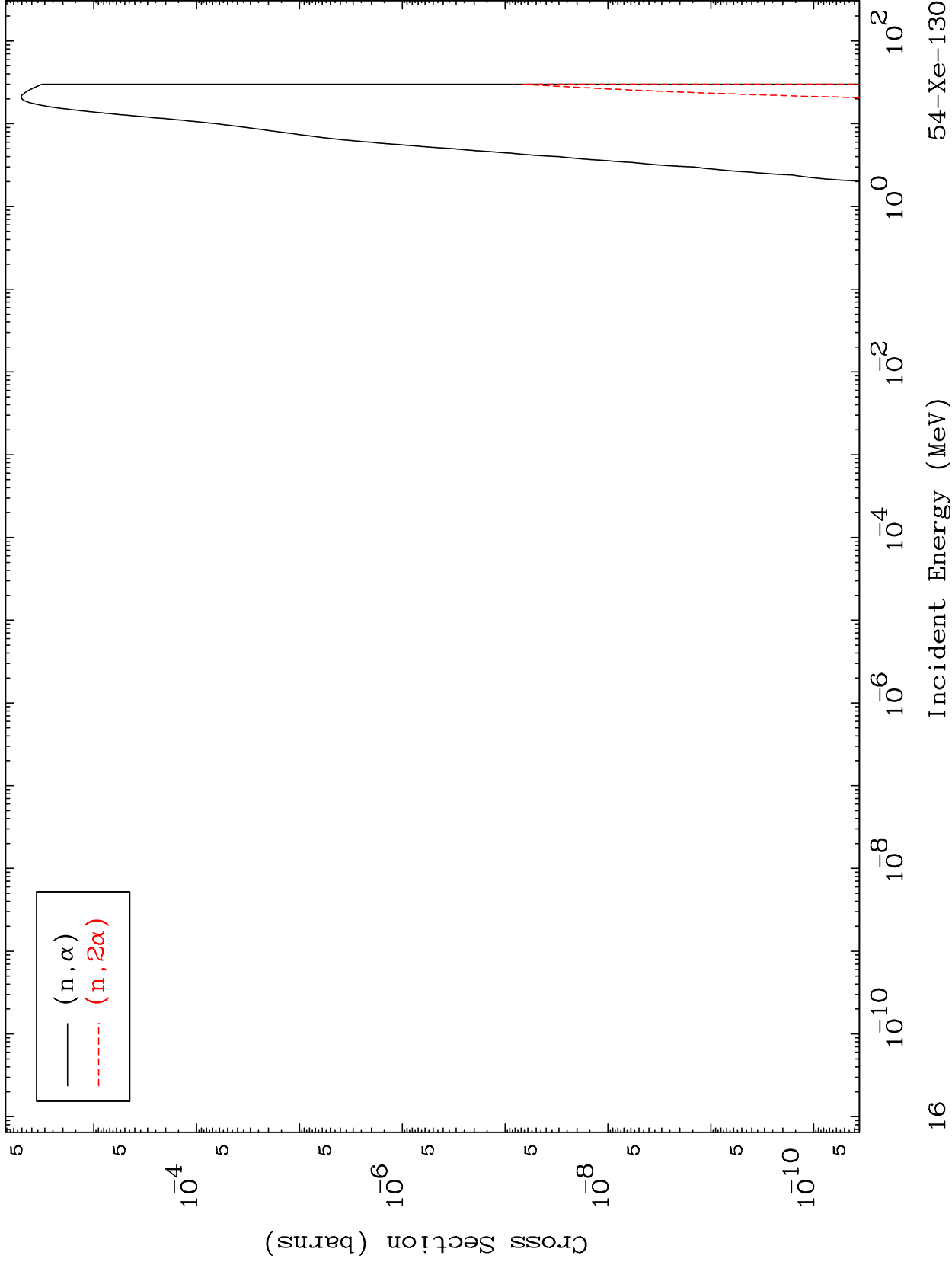
54-Xe-130



MAT 5443

(n, α) Levels
293 Kelvin Cross Sections

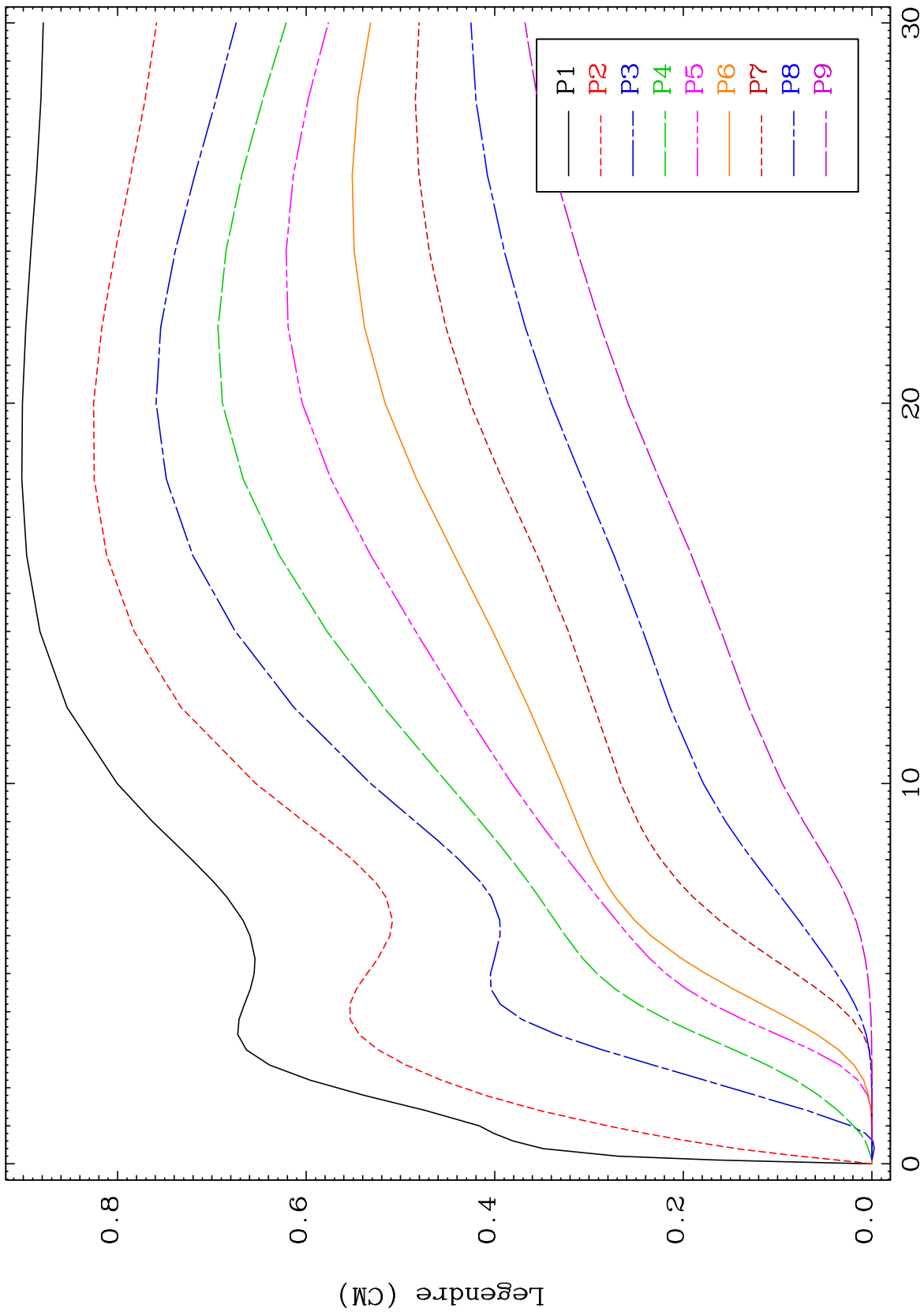
54-Xe-130



MAT 5443

54-Xe-130

Elastic Legendre Coefficients



17

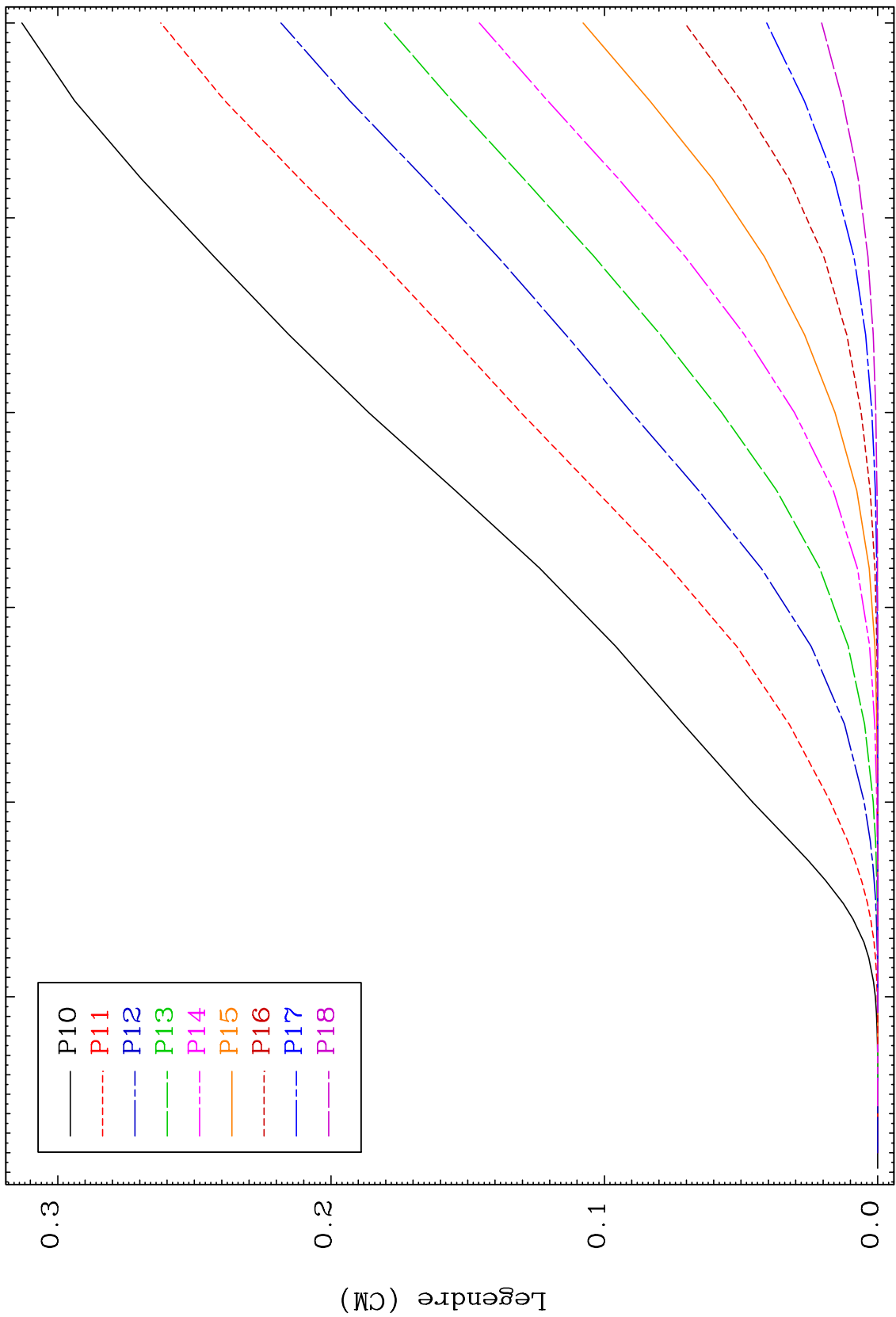
Incident Energy (MeV)

54-Xe-130

MAT 5443

Elastic Legendre Coefficients

54-Xe-130



18

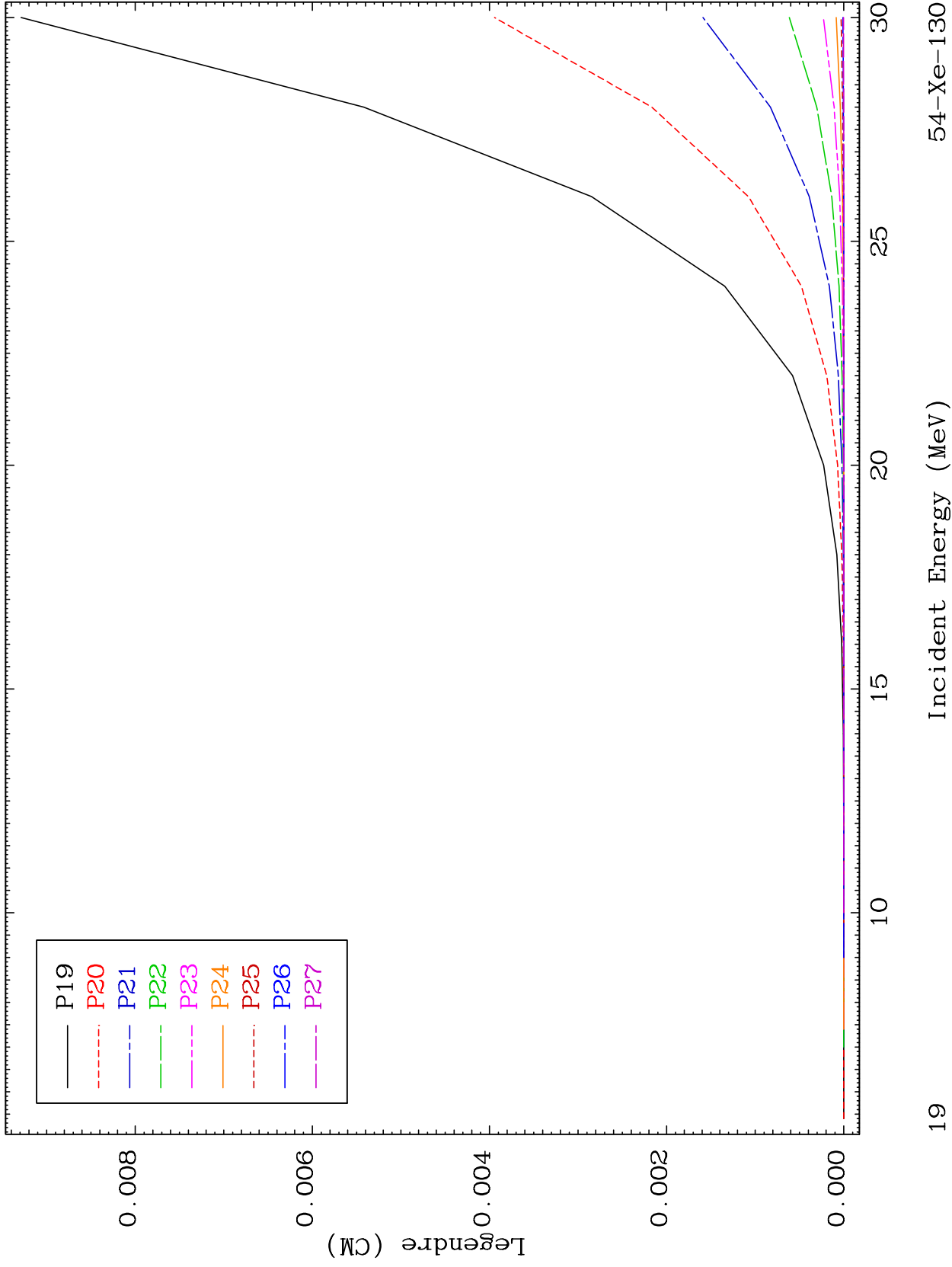
Incident Energy (MeV)

54-Xe-130

MAT 5443

Elastic Legendre Coefficients

54-Xe-130



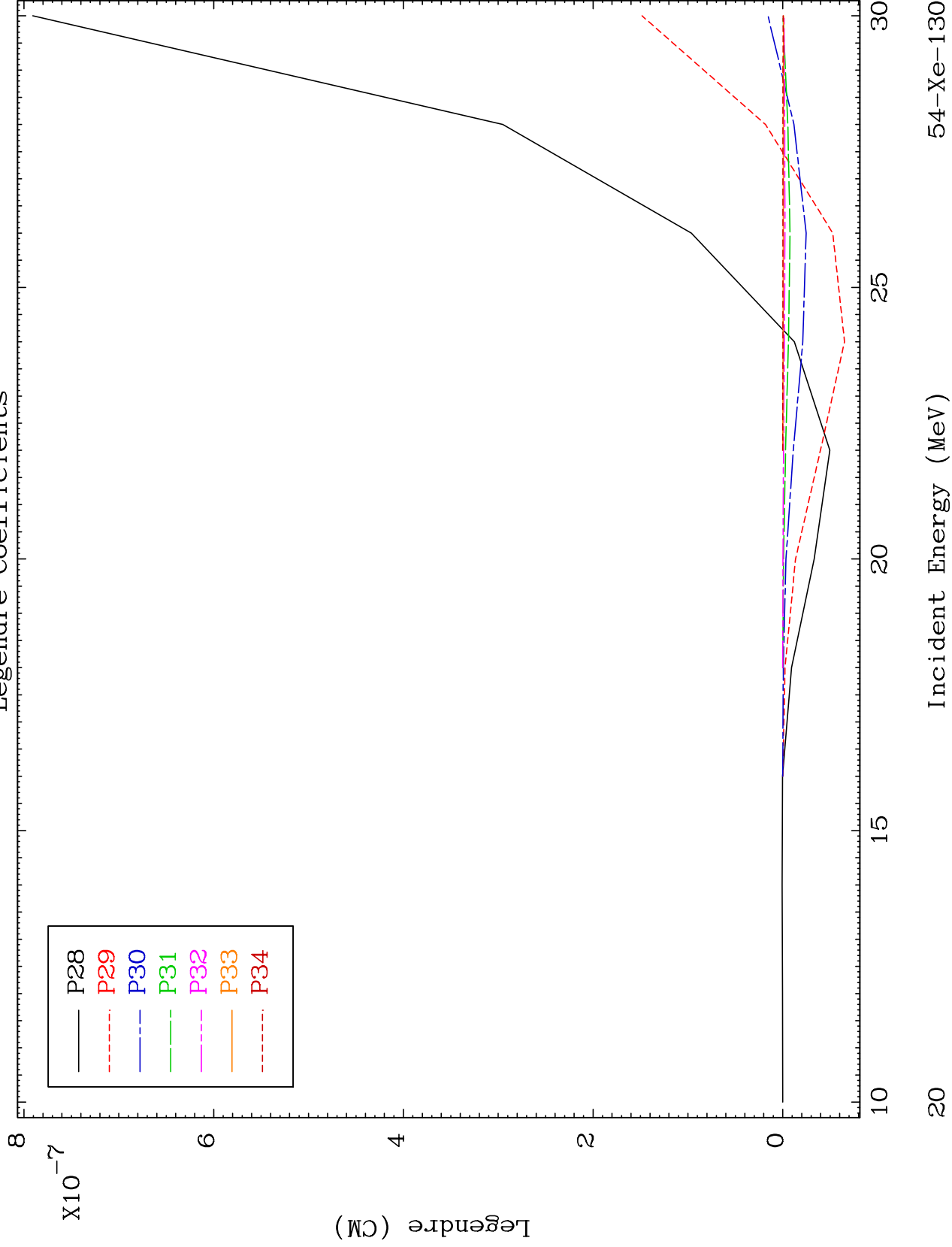
19

54-Xe-130

MAT 5443

Elastic
Legendre Coefficients

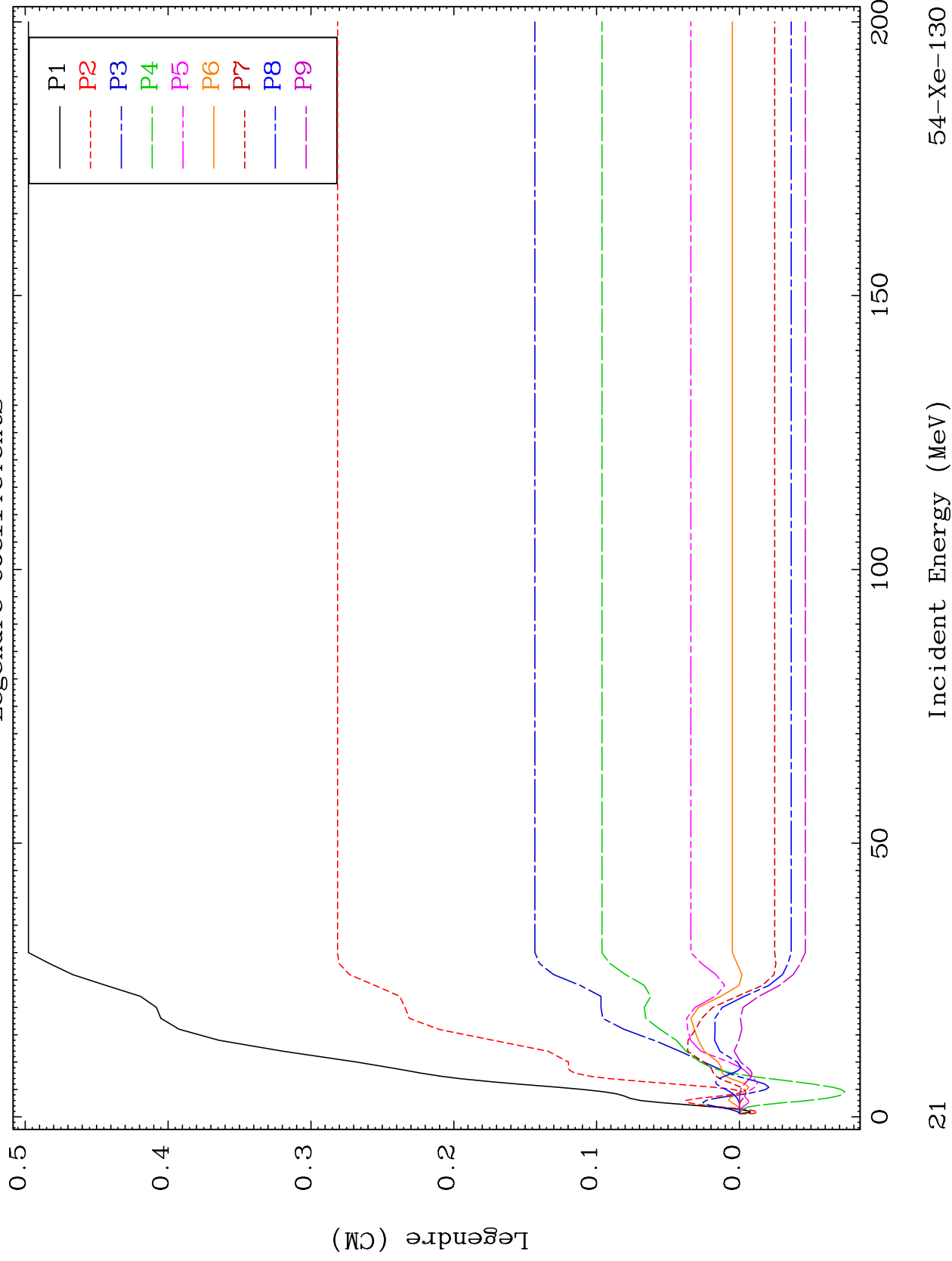
54-Xe-130



MAT 5443

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

54-Xe-130



21

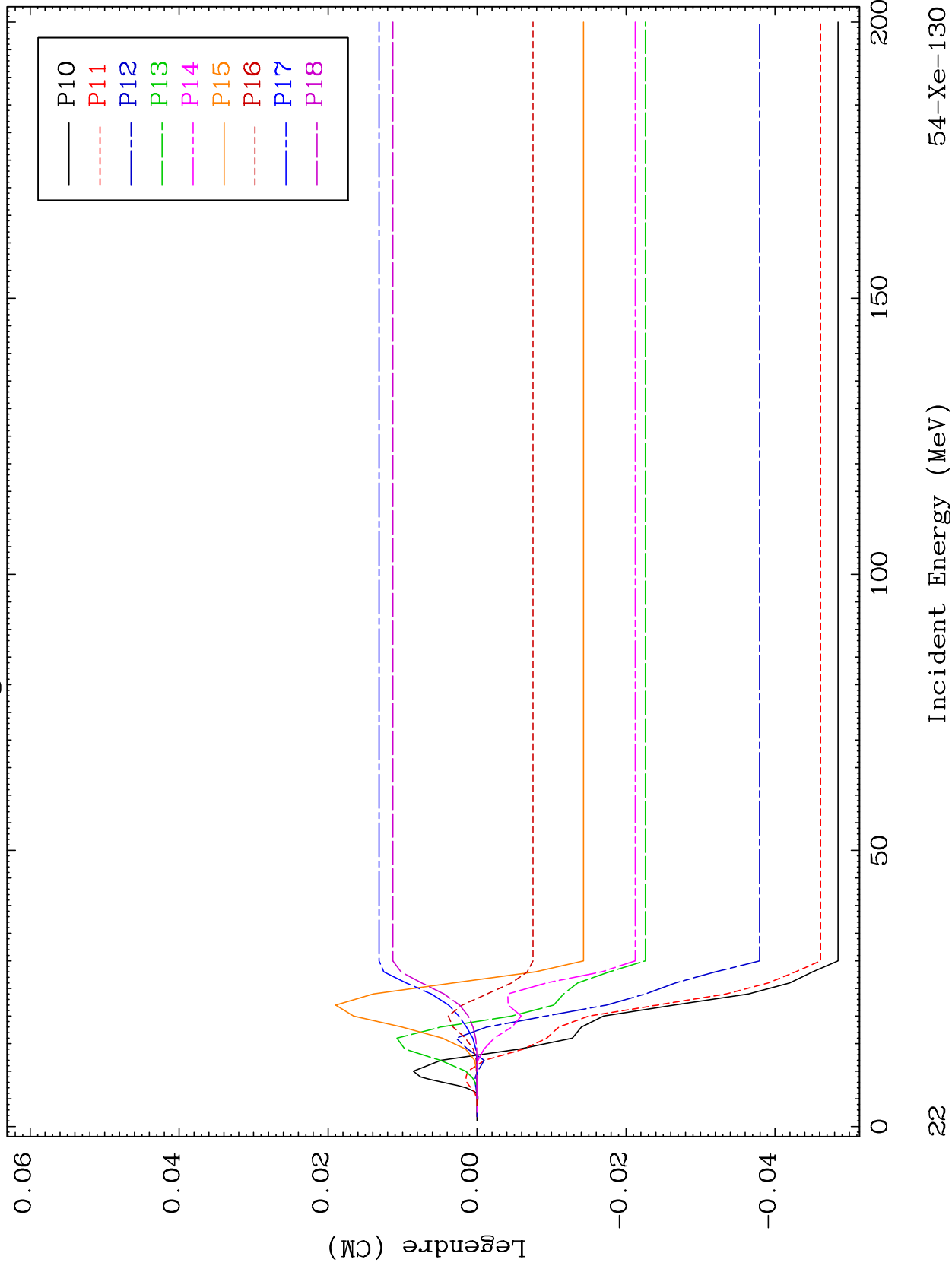
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



22

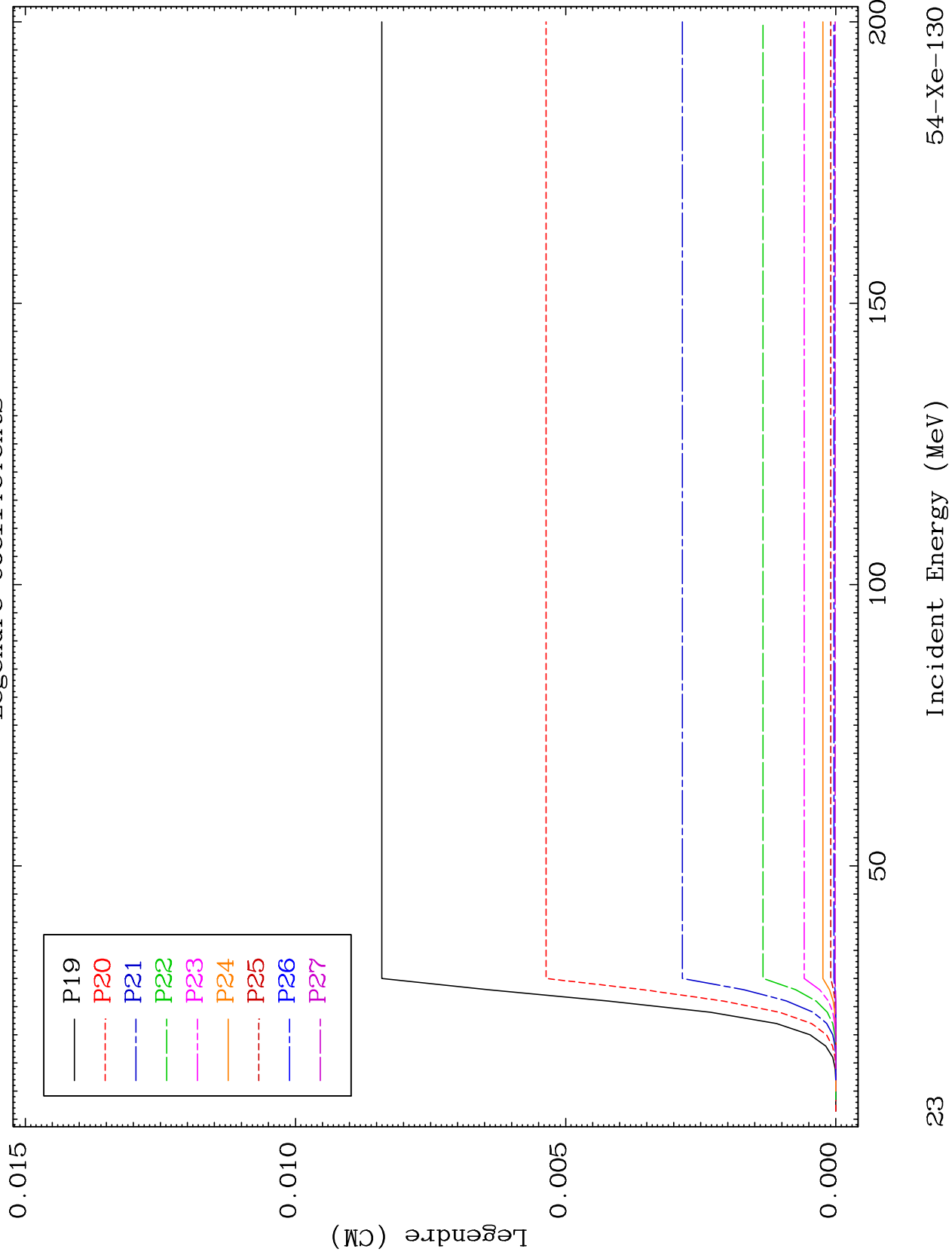
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

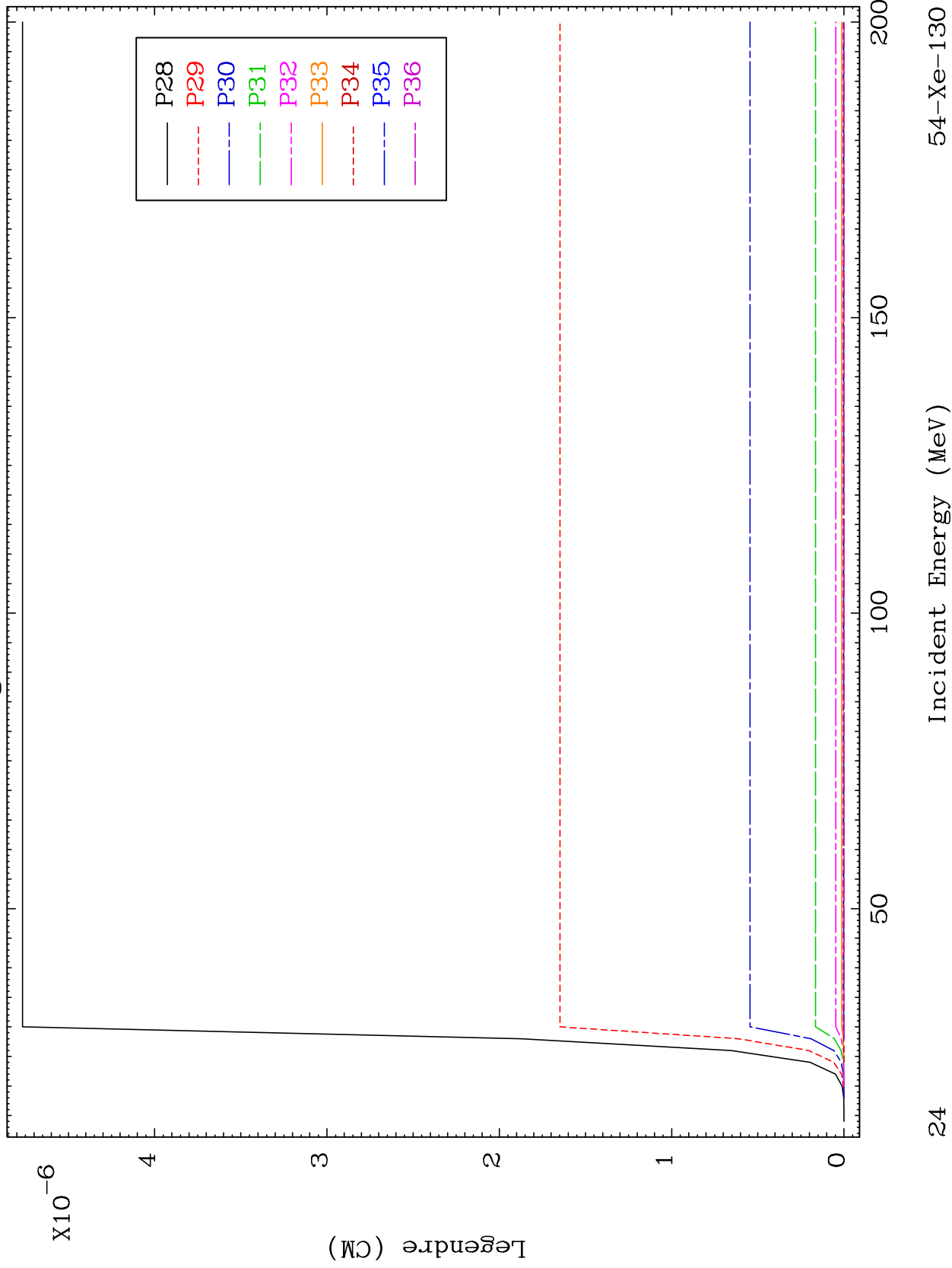
54-Xe-130



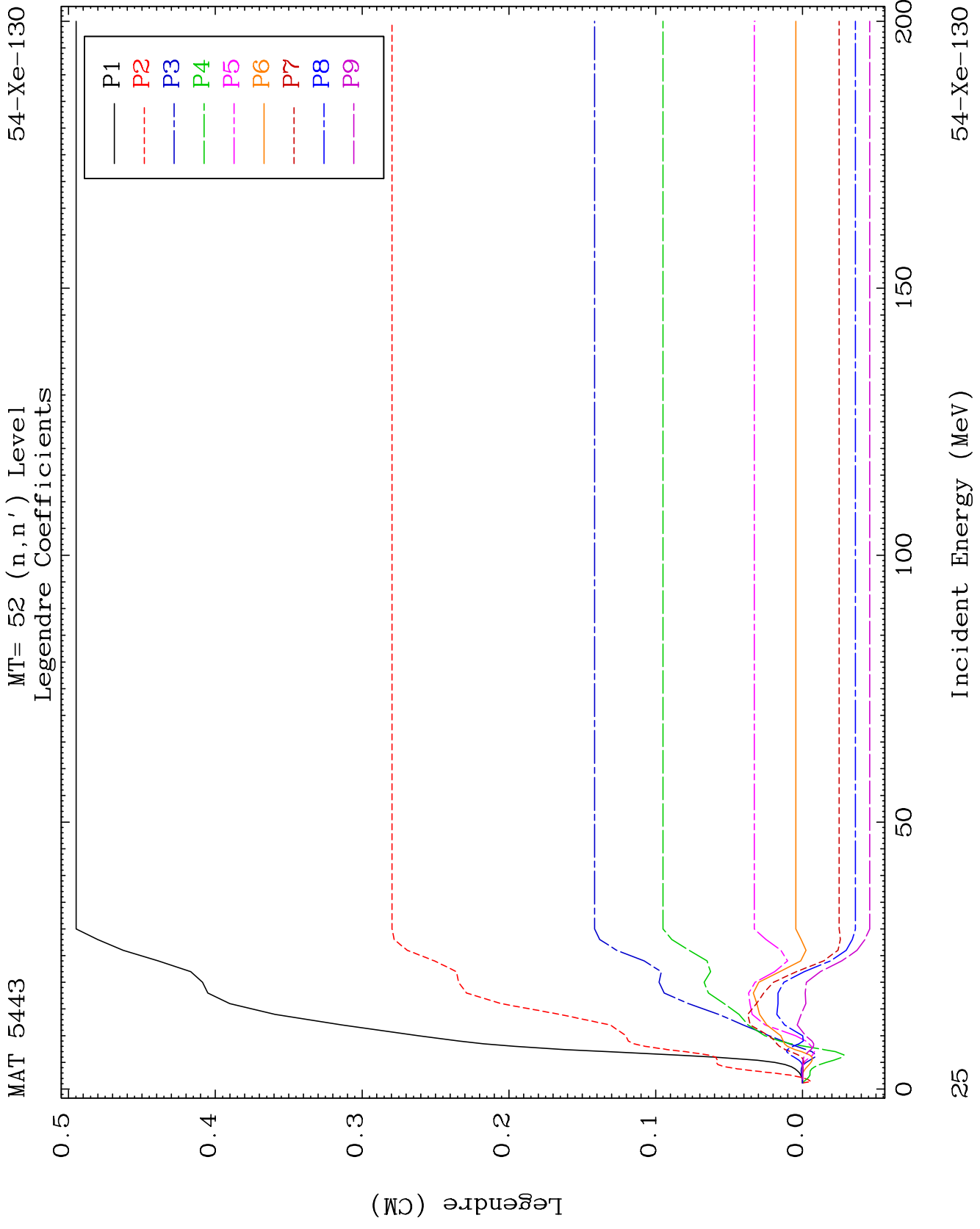
MAT 5443

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

54-Xe-130



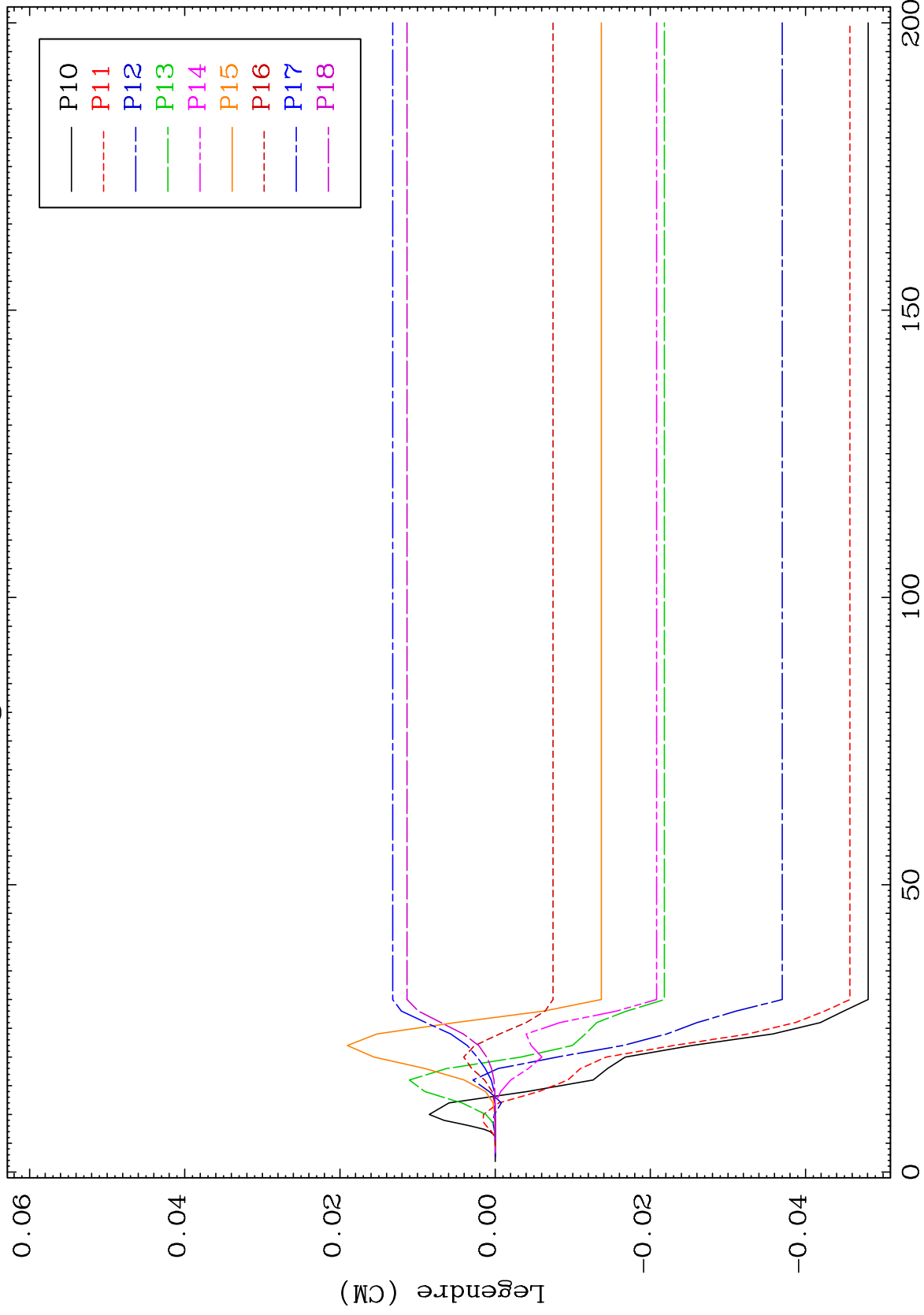
24



MAT 5443

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

54-Xe-130



26

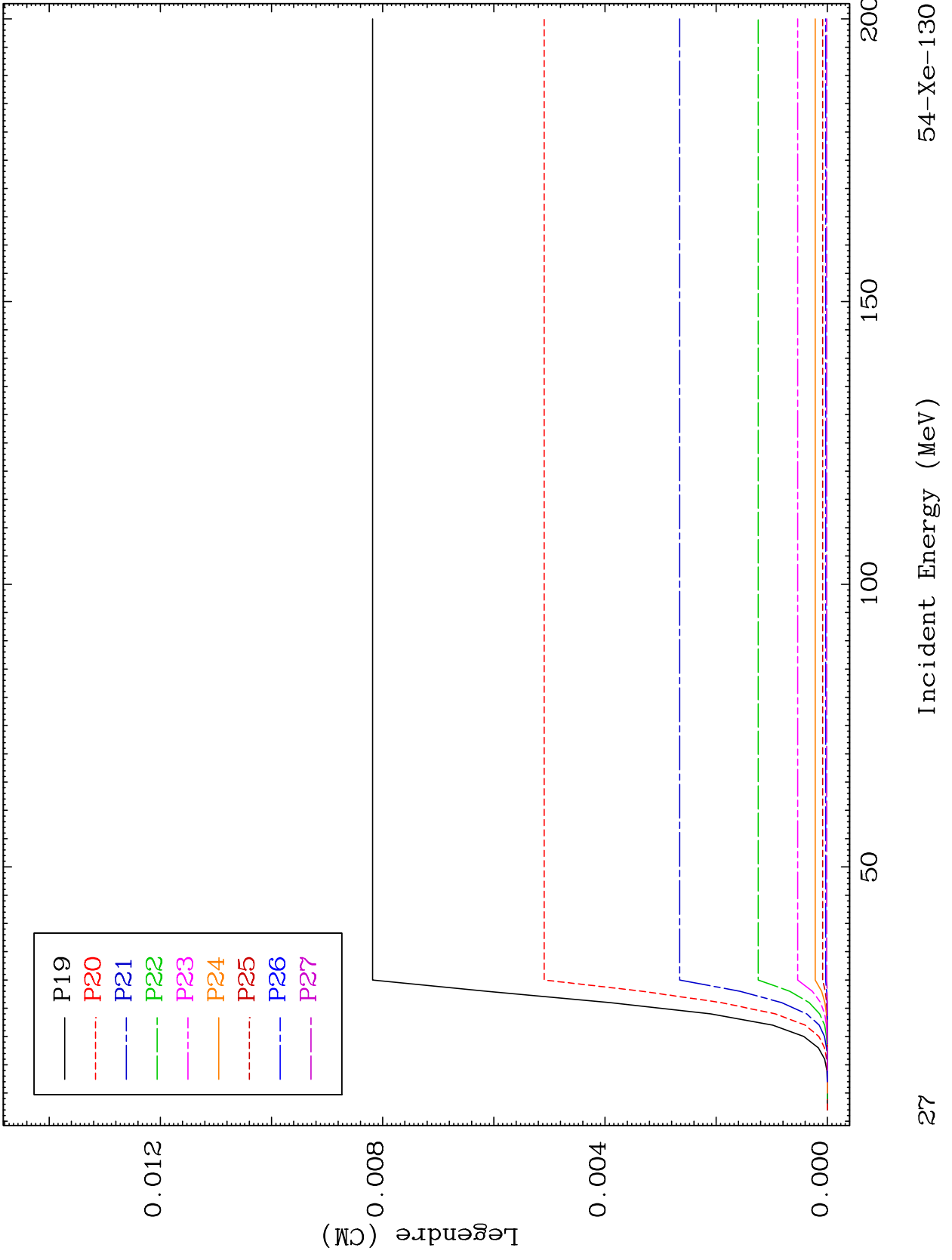
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



27

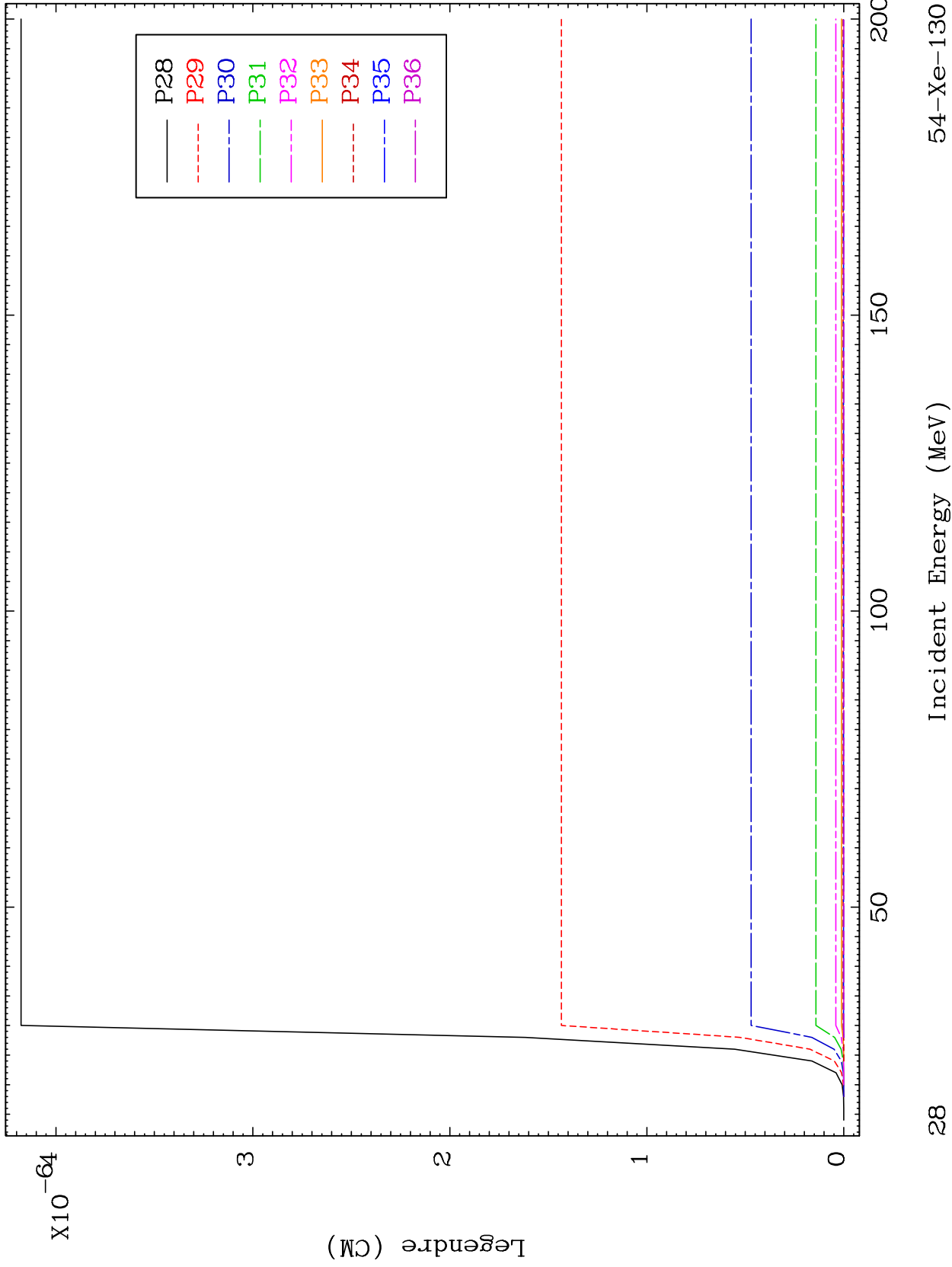
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



28

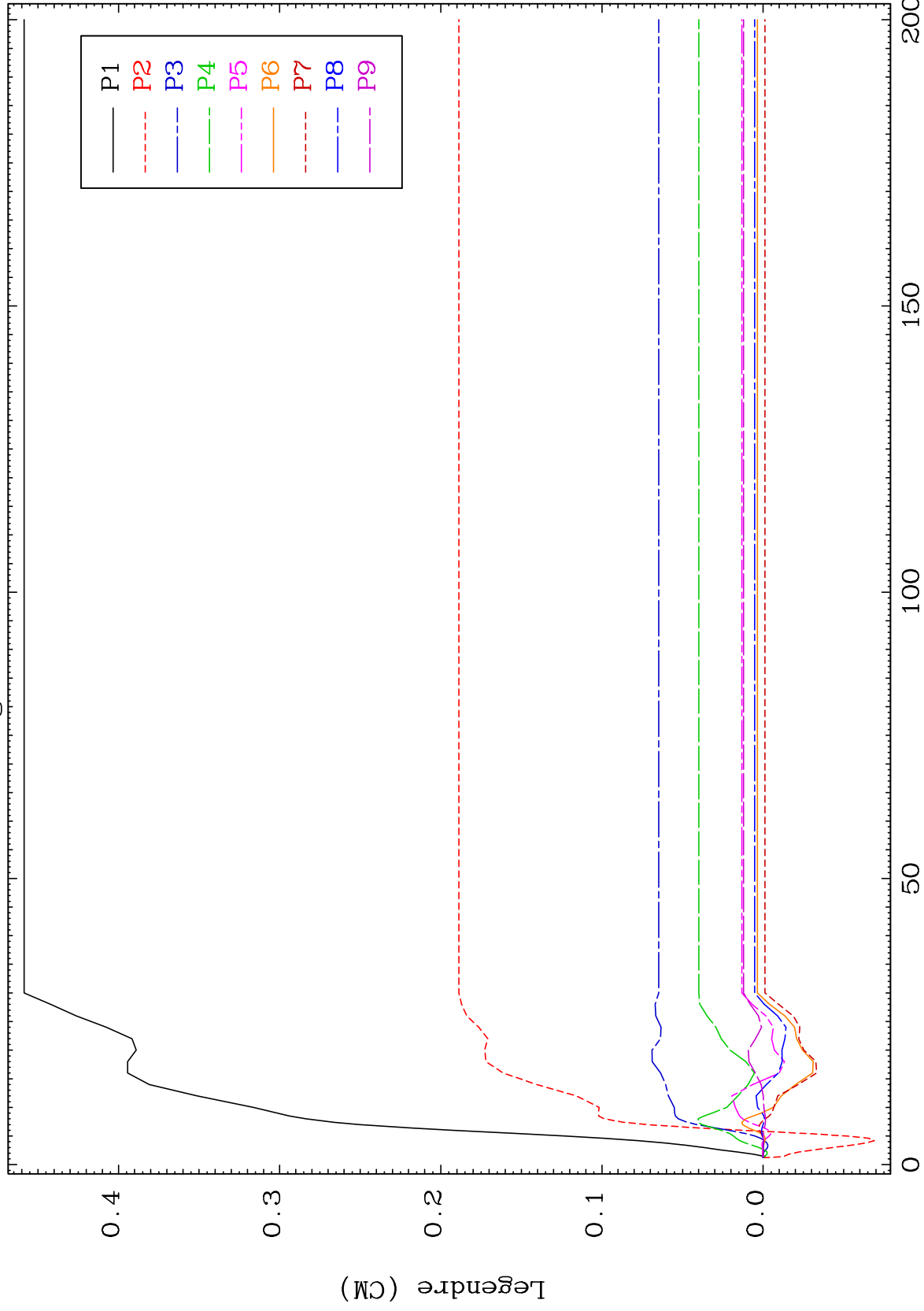
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



29

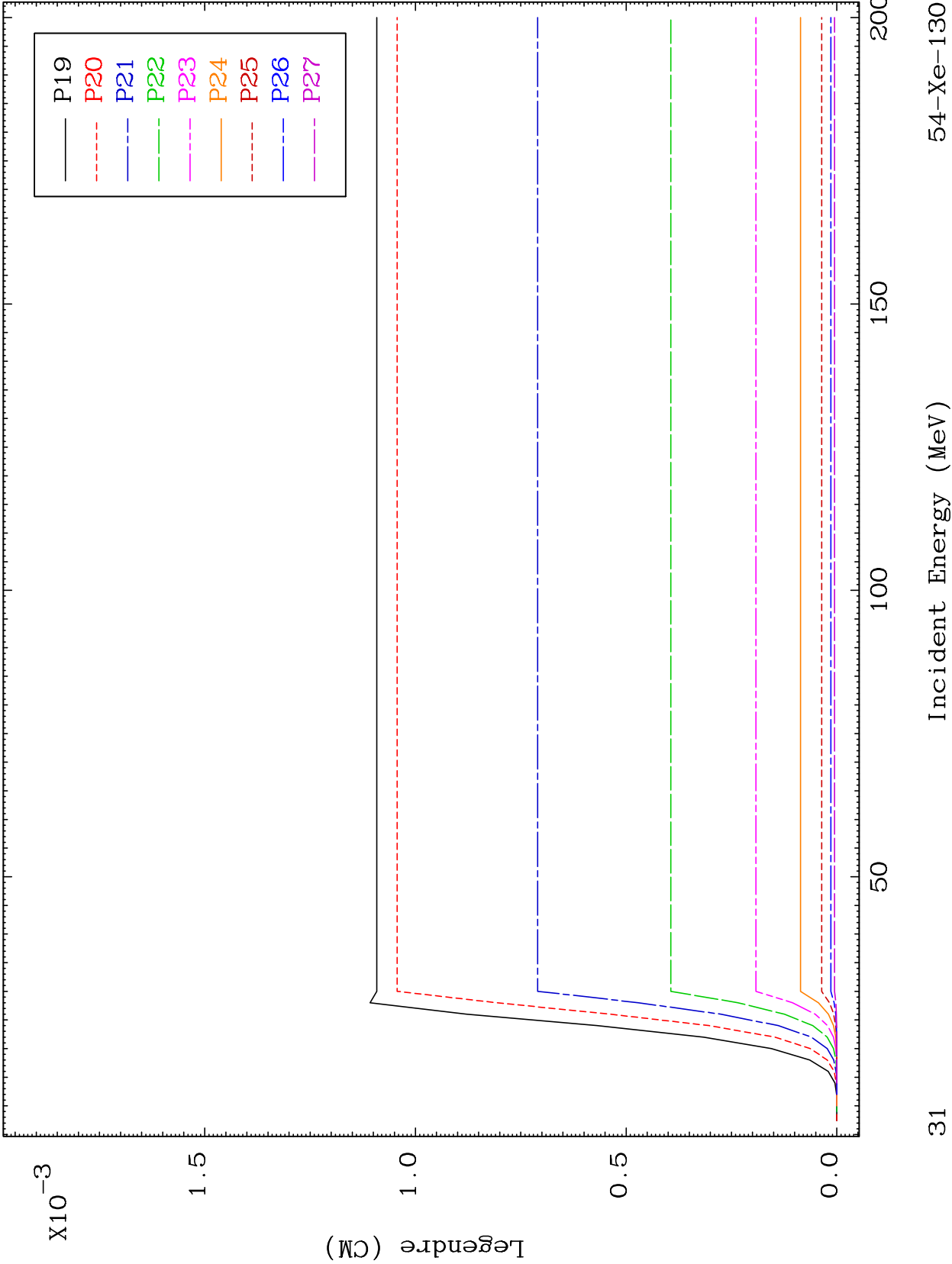
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

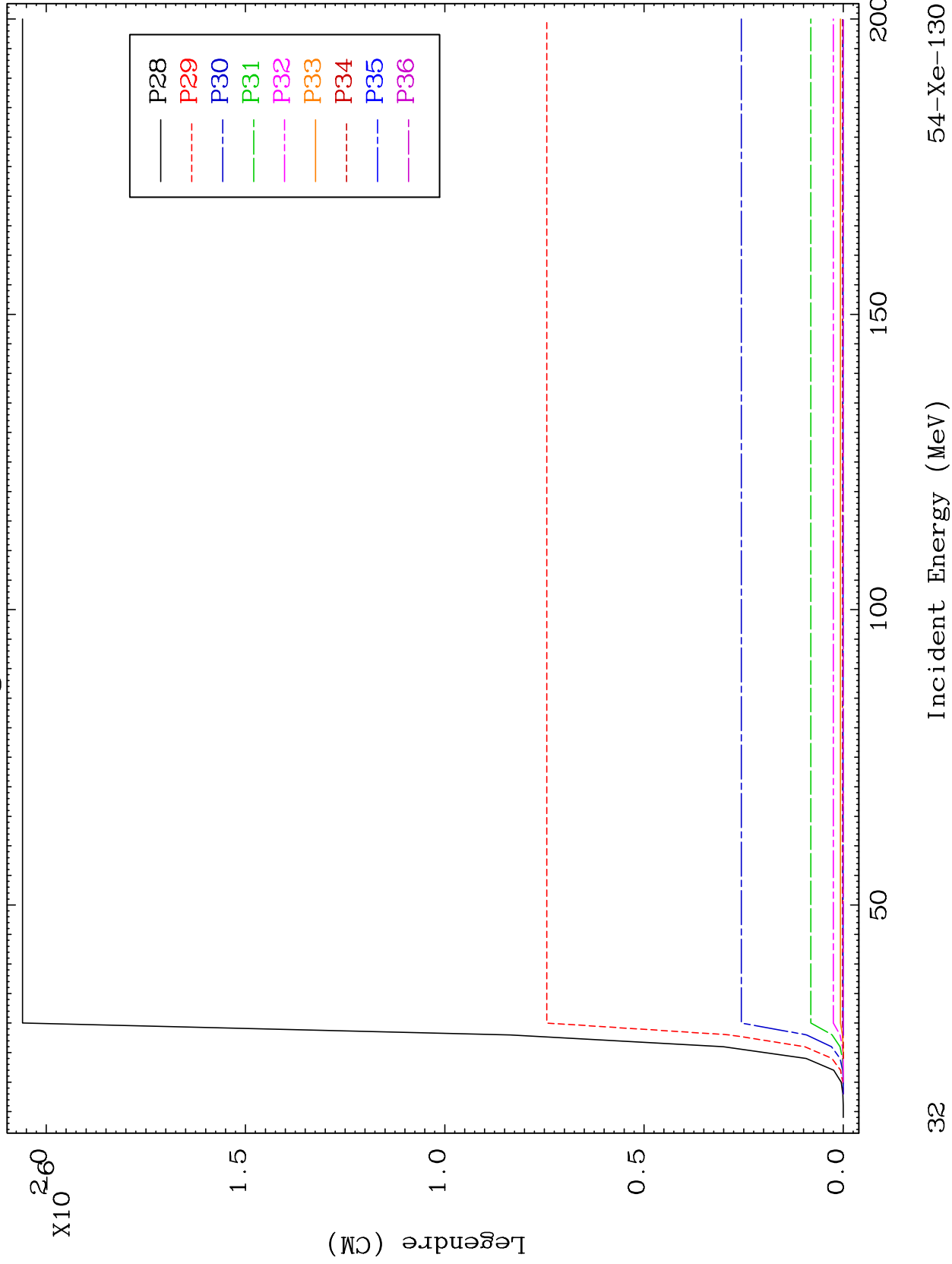
54-Xe-130



MAT 5443

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

54-Xe-130

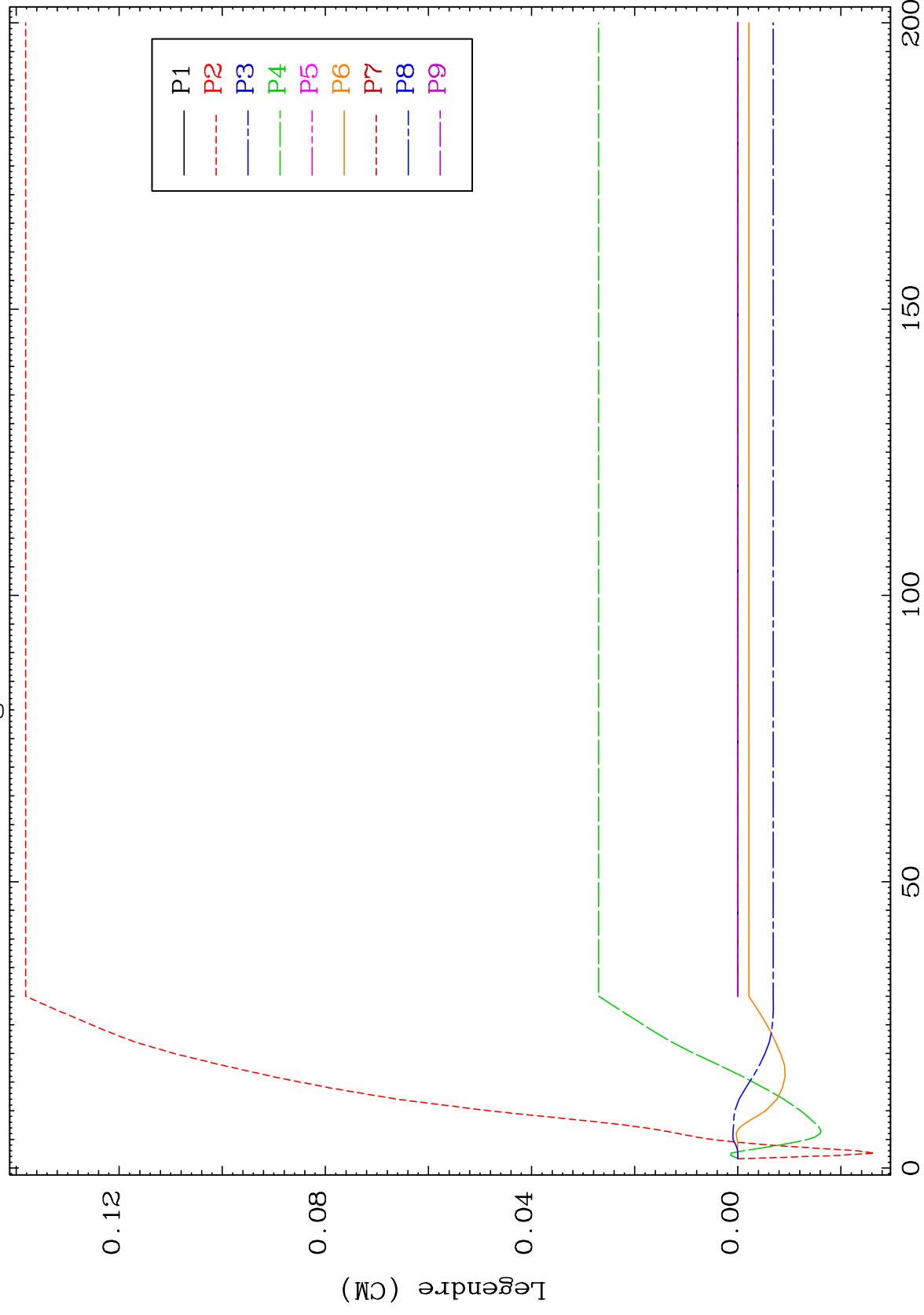


32

MAT 5443

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

54-Xe-130



33

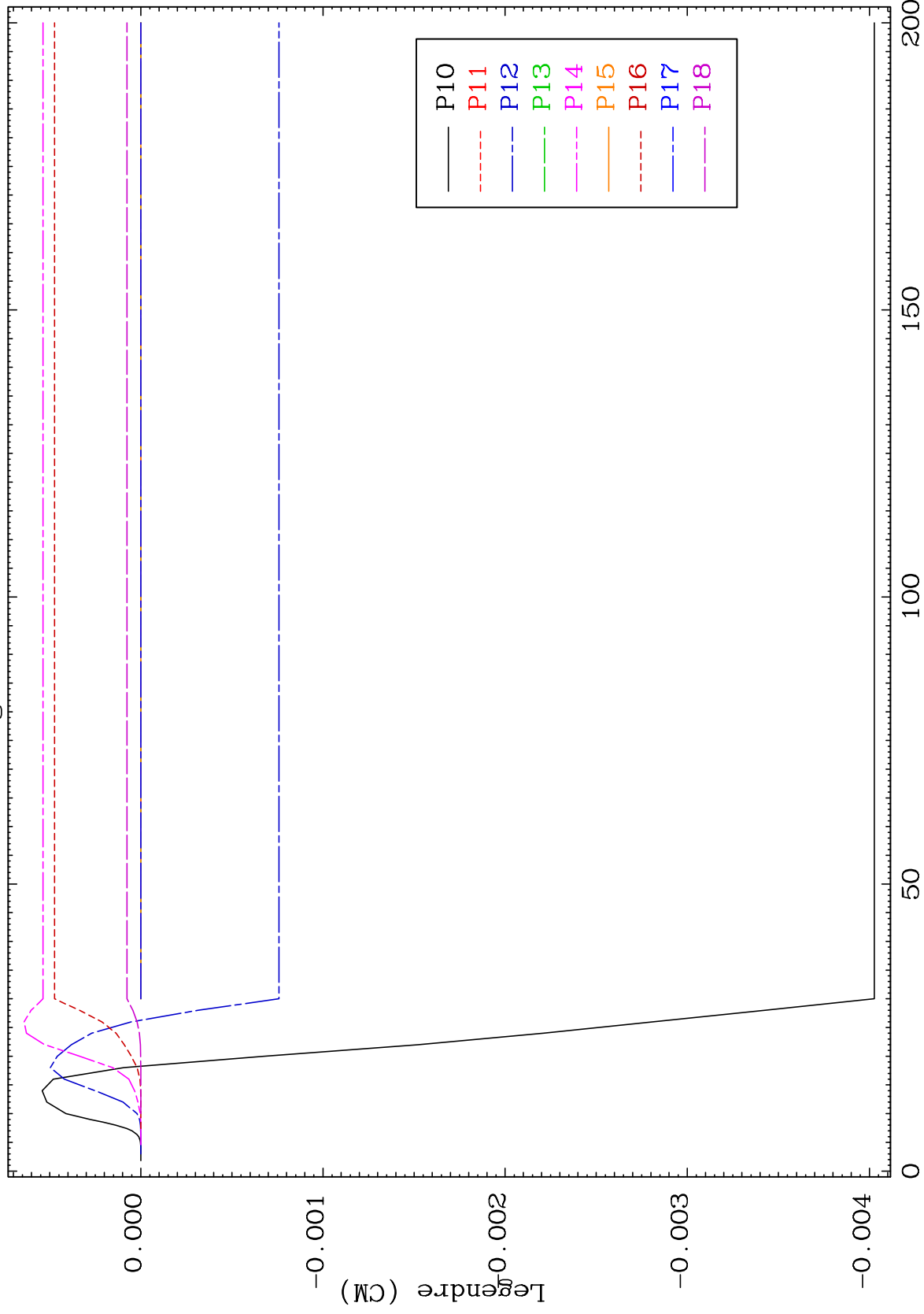
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

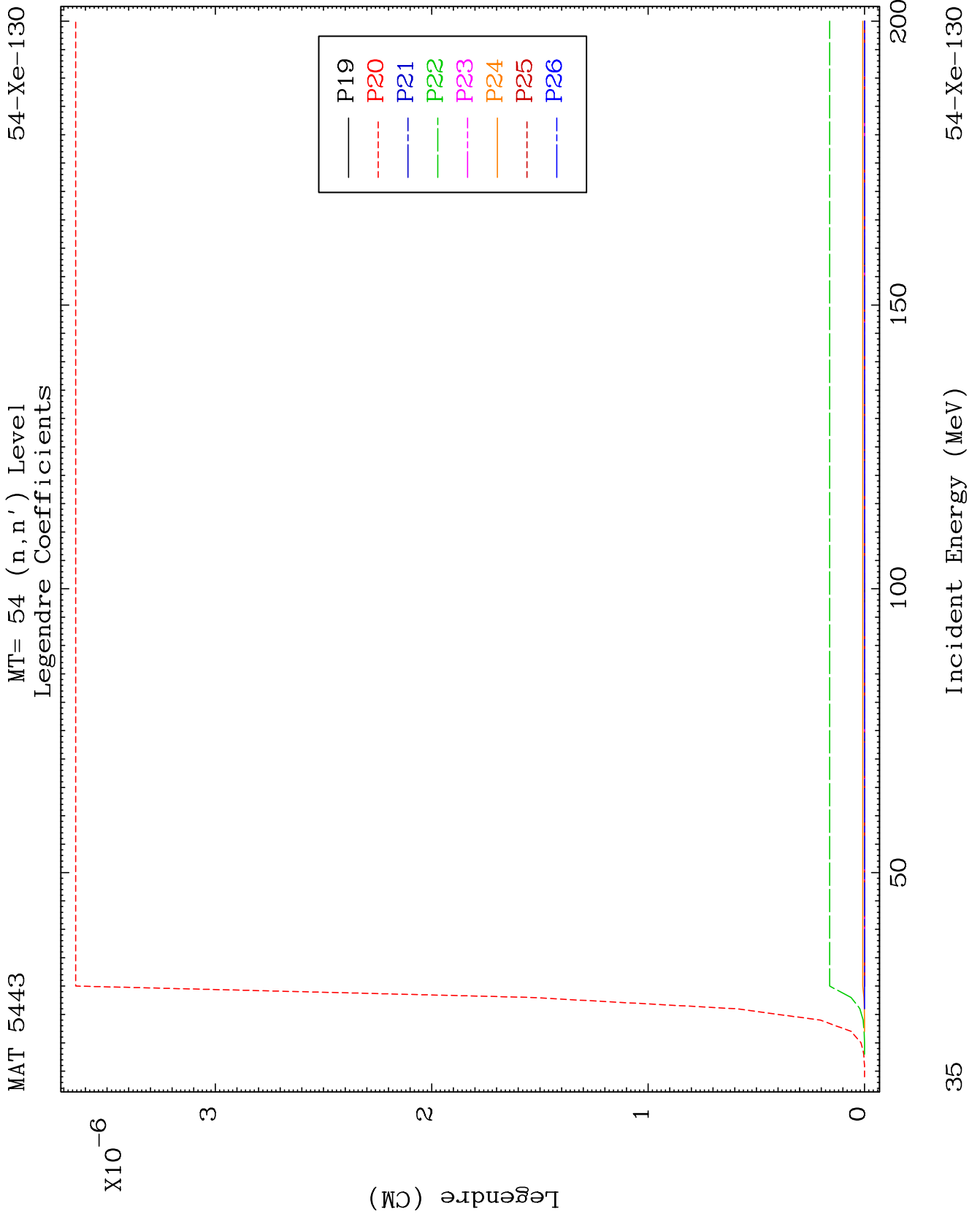
54-Xe-130

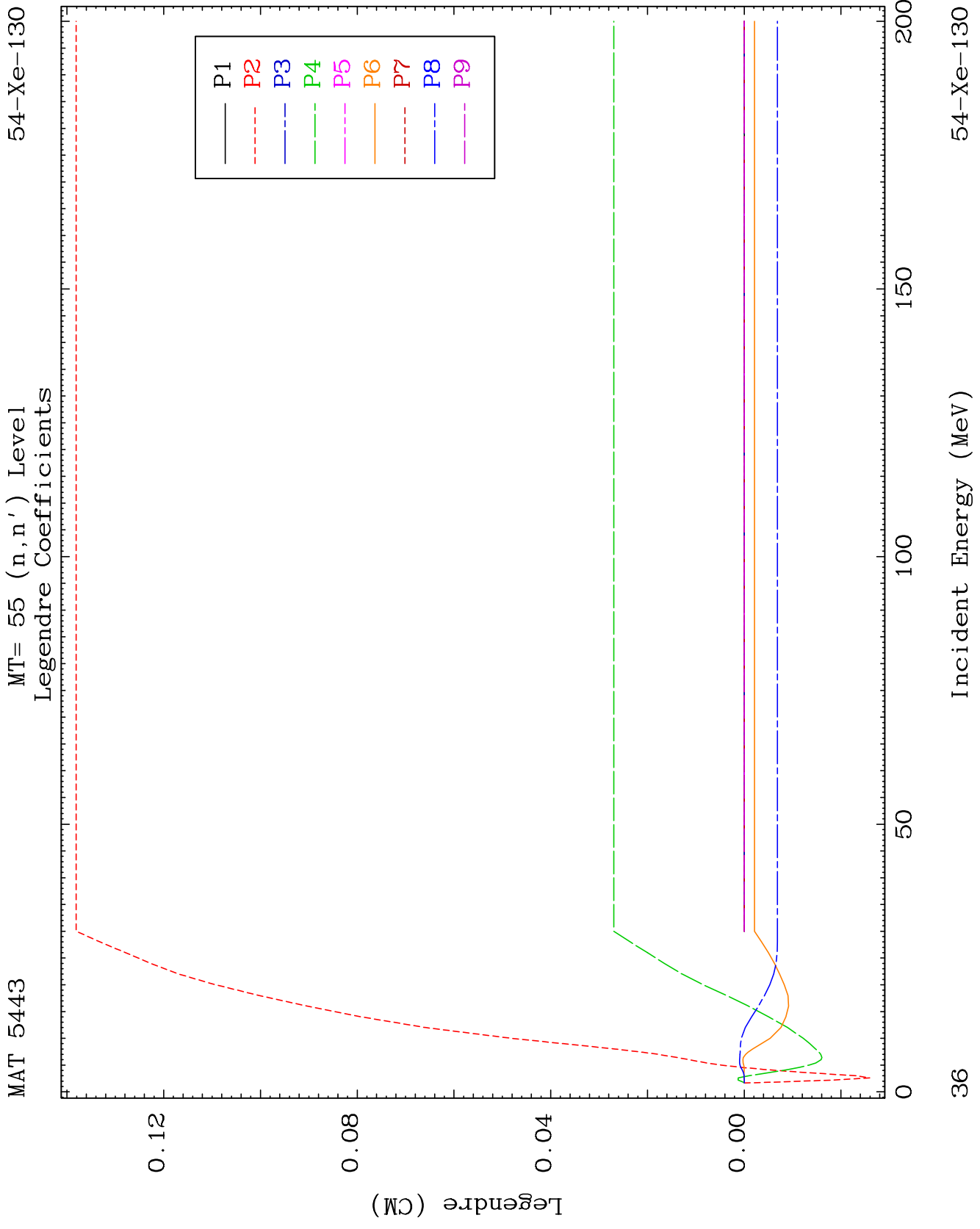


34

Incident Energy (MeV)

54-Xe-130

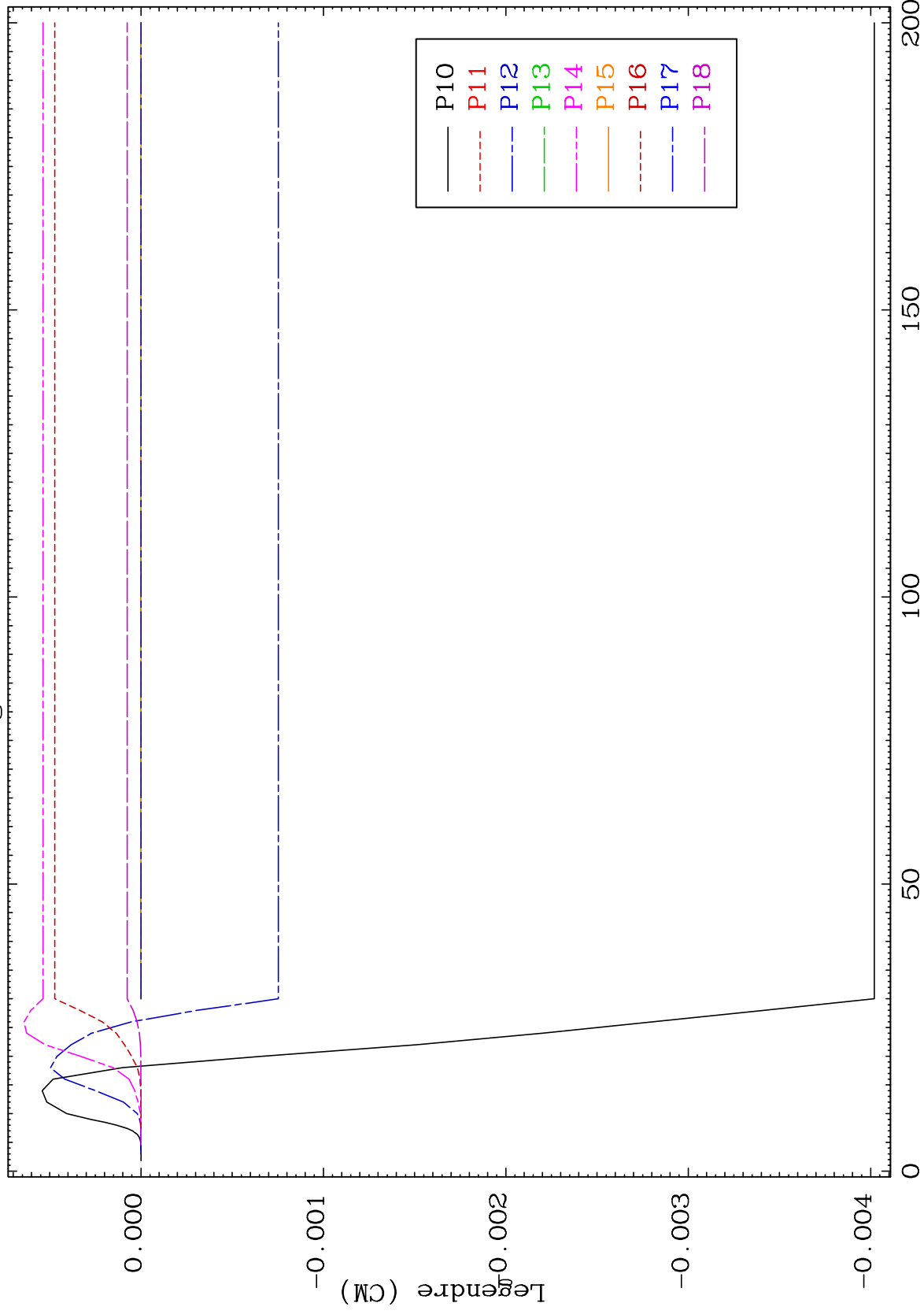




MAT 5443

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

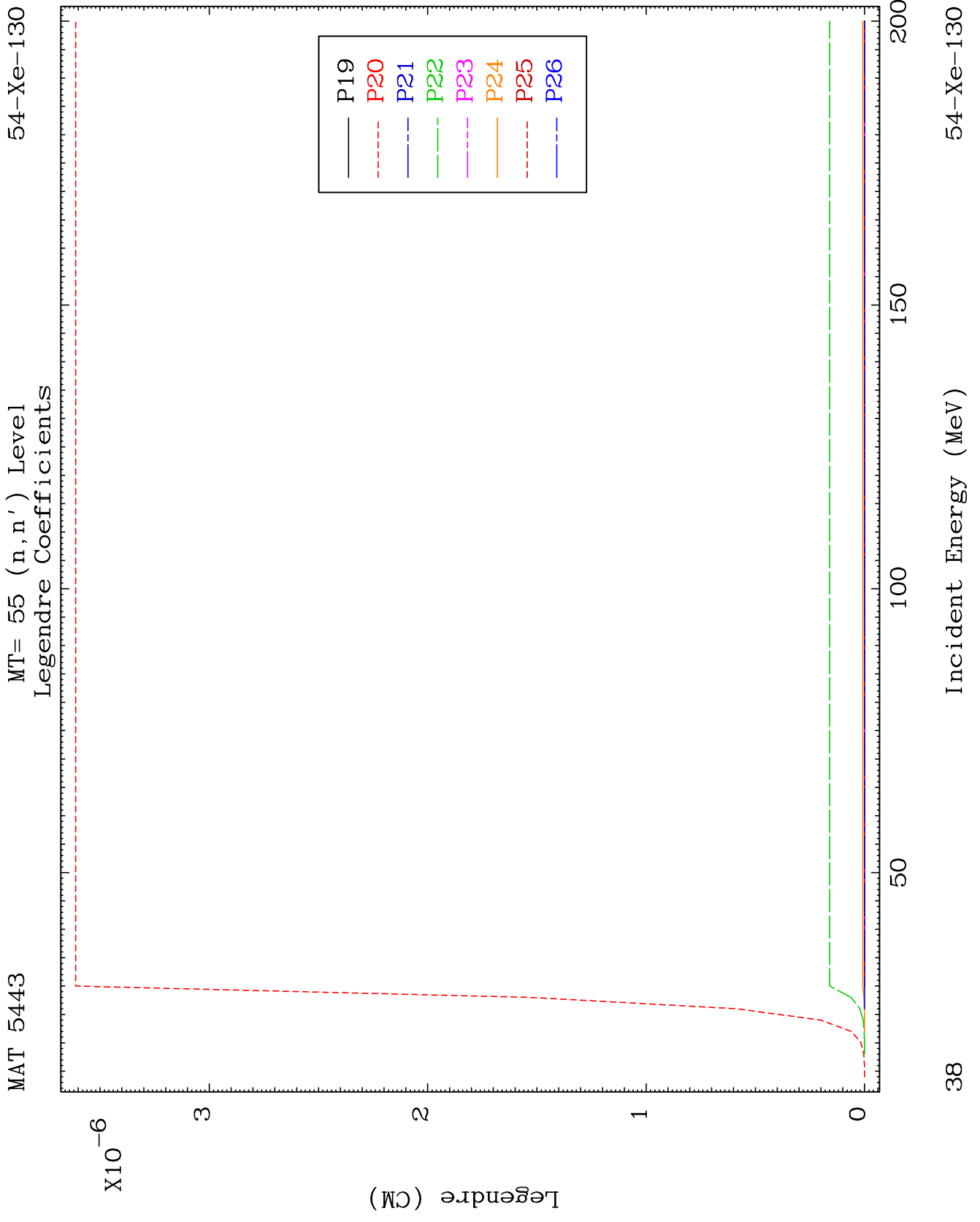
54-Xe-130



37

Incident Energy (MeV)

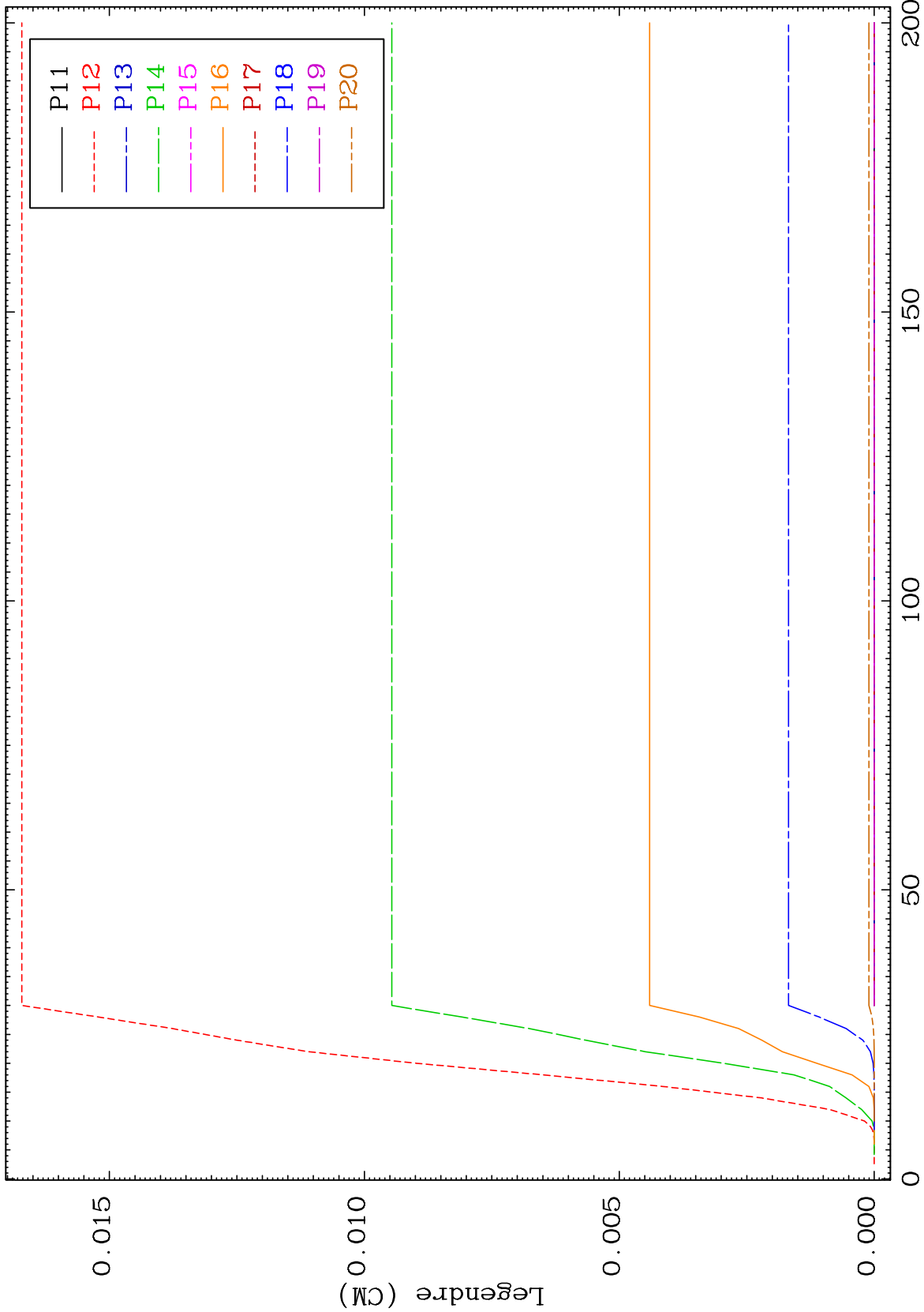
54-Xe-130



MAT 5443

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

54-Xe-130



40

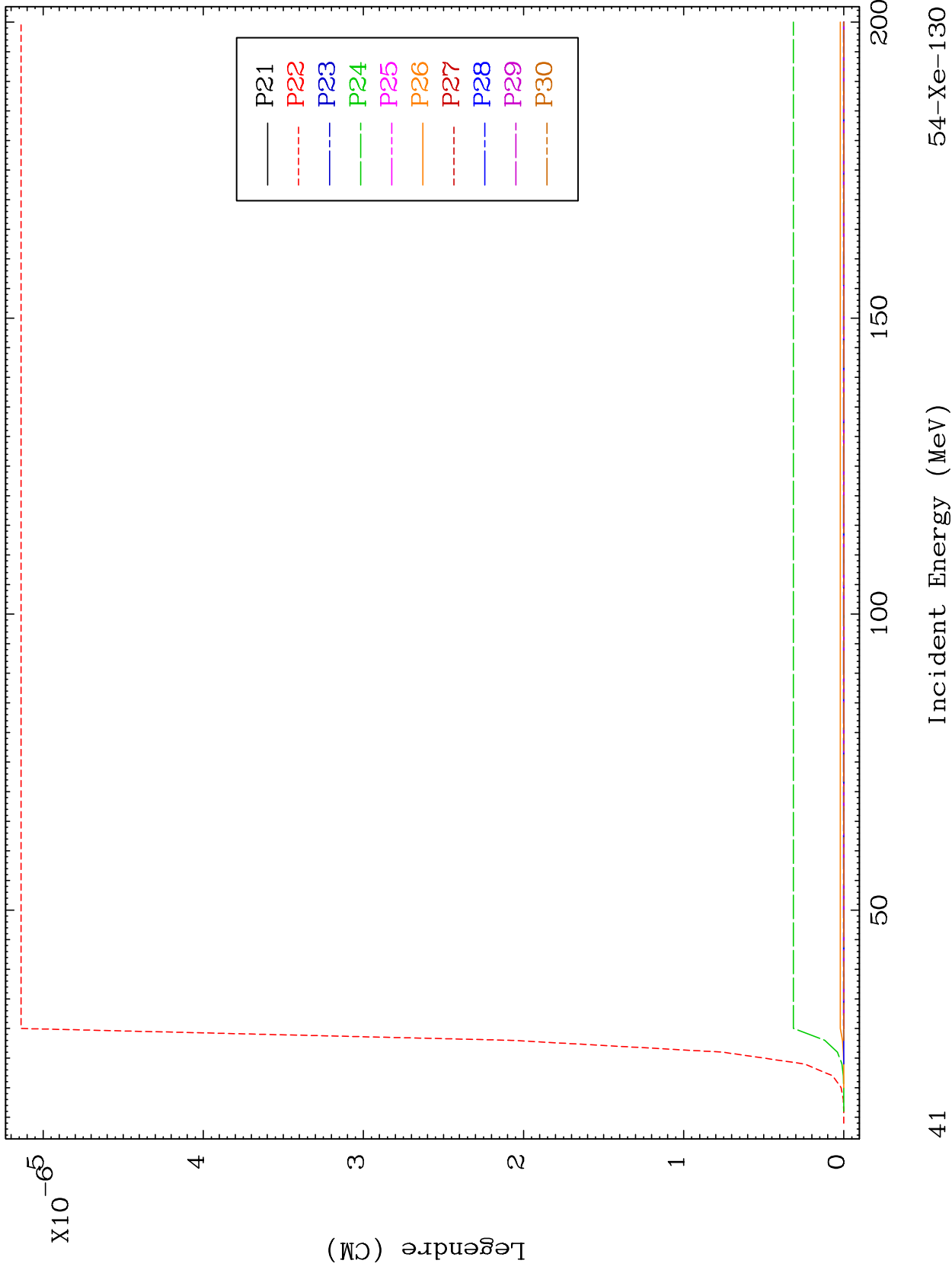
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



41

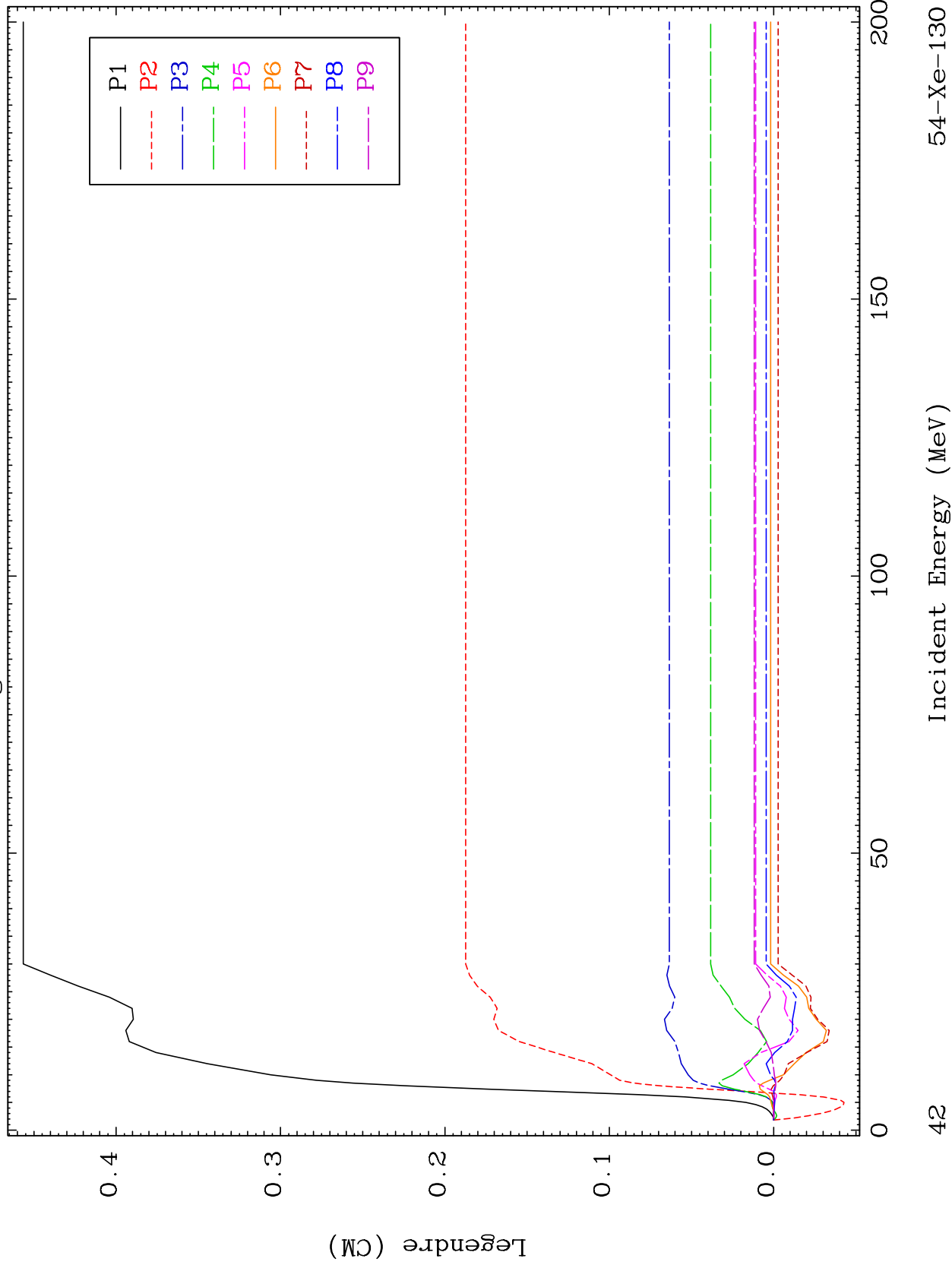
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



54-Xe-130

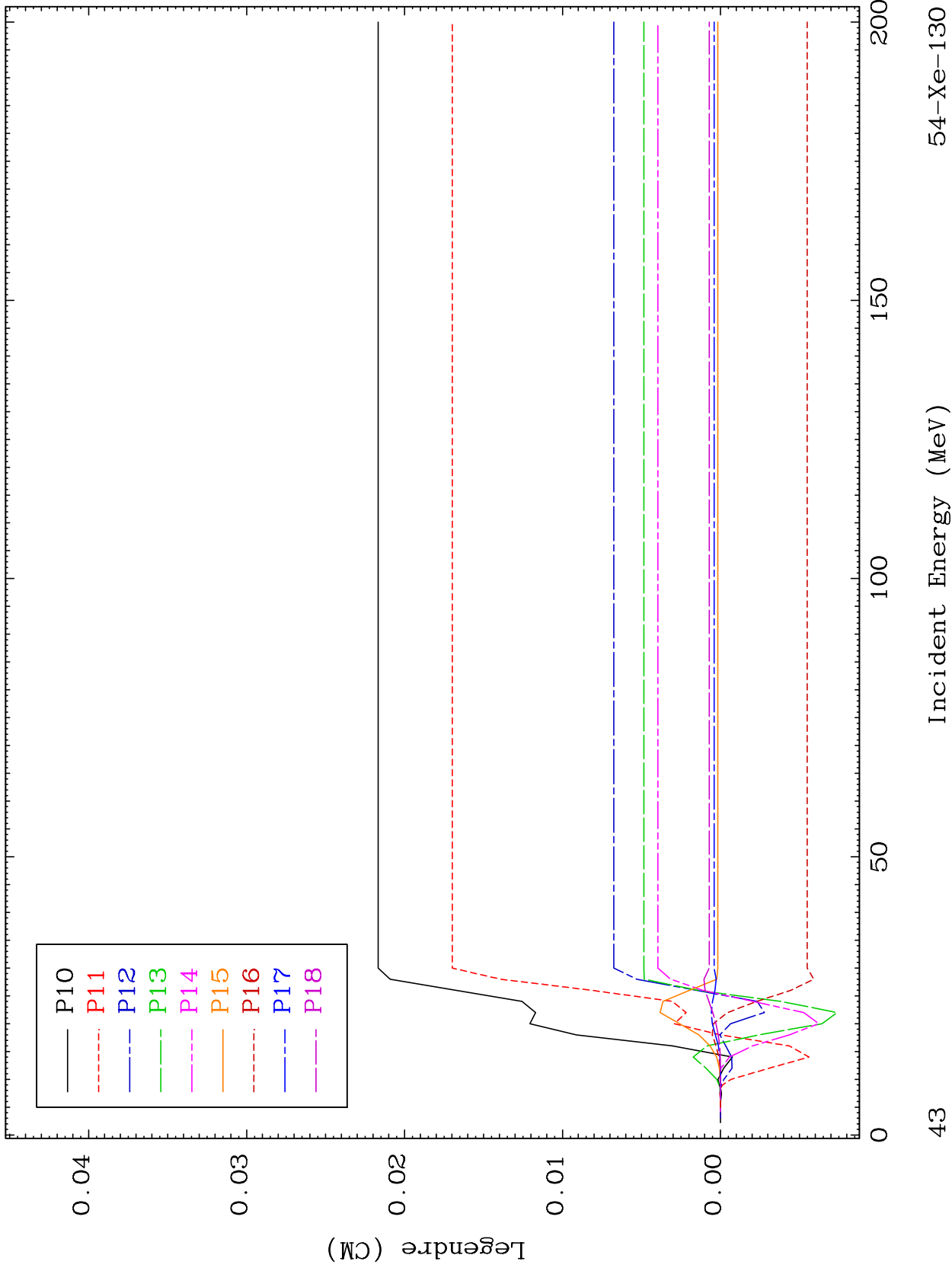
Incident Energy (MeV)

42

MAT 5443

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

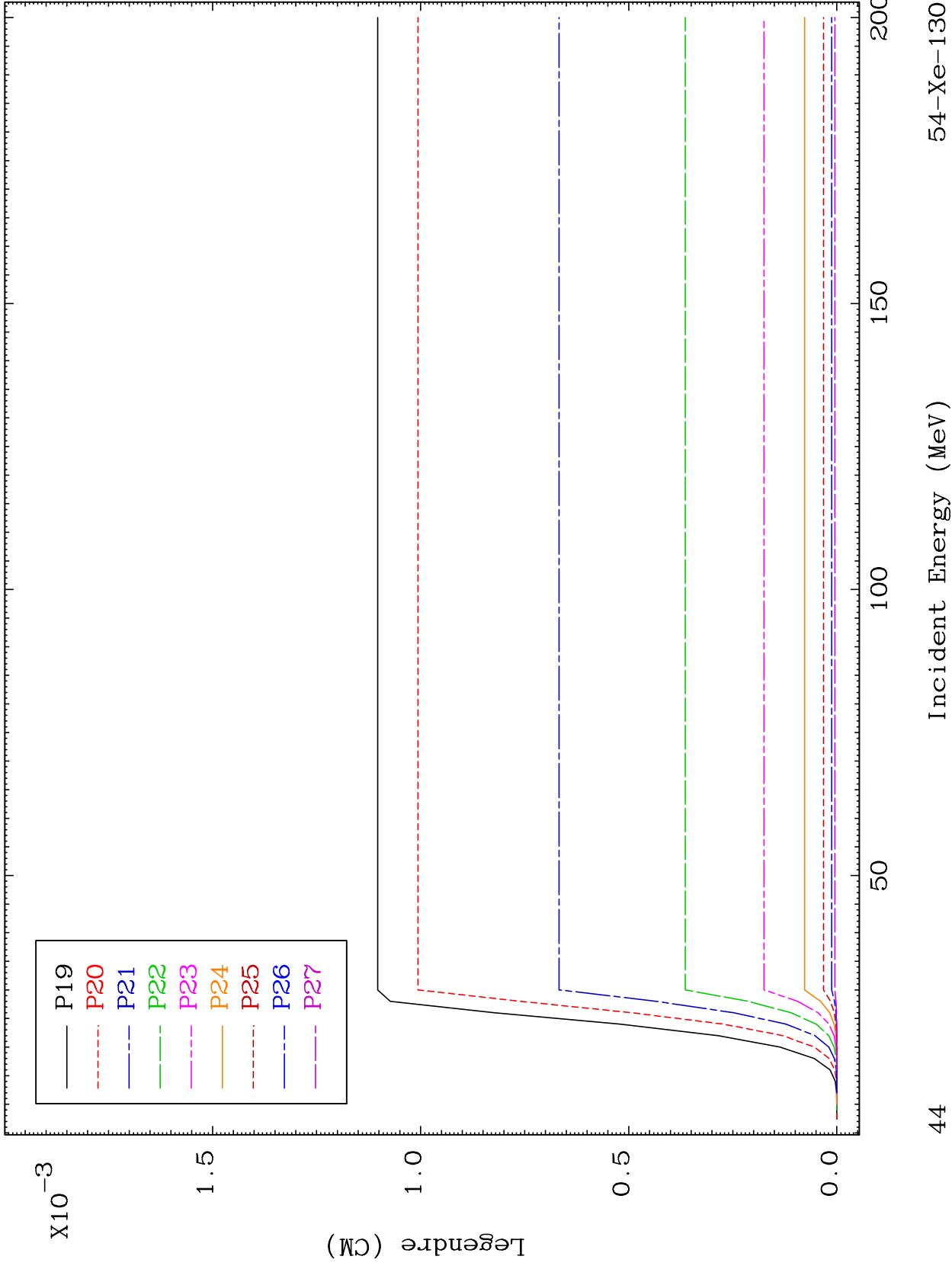
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MAT 5443

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

54-Xe-130



44

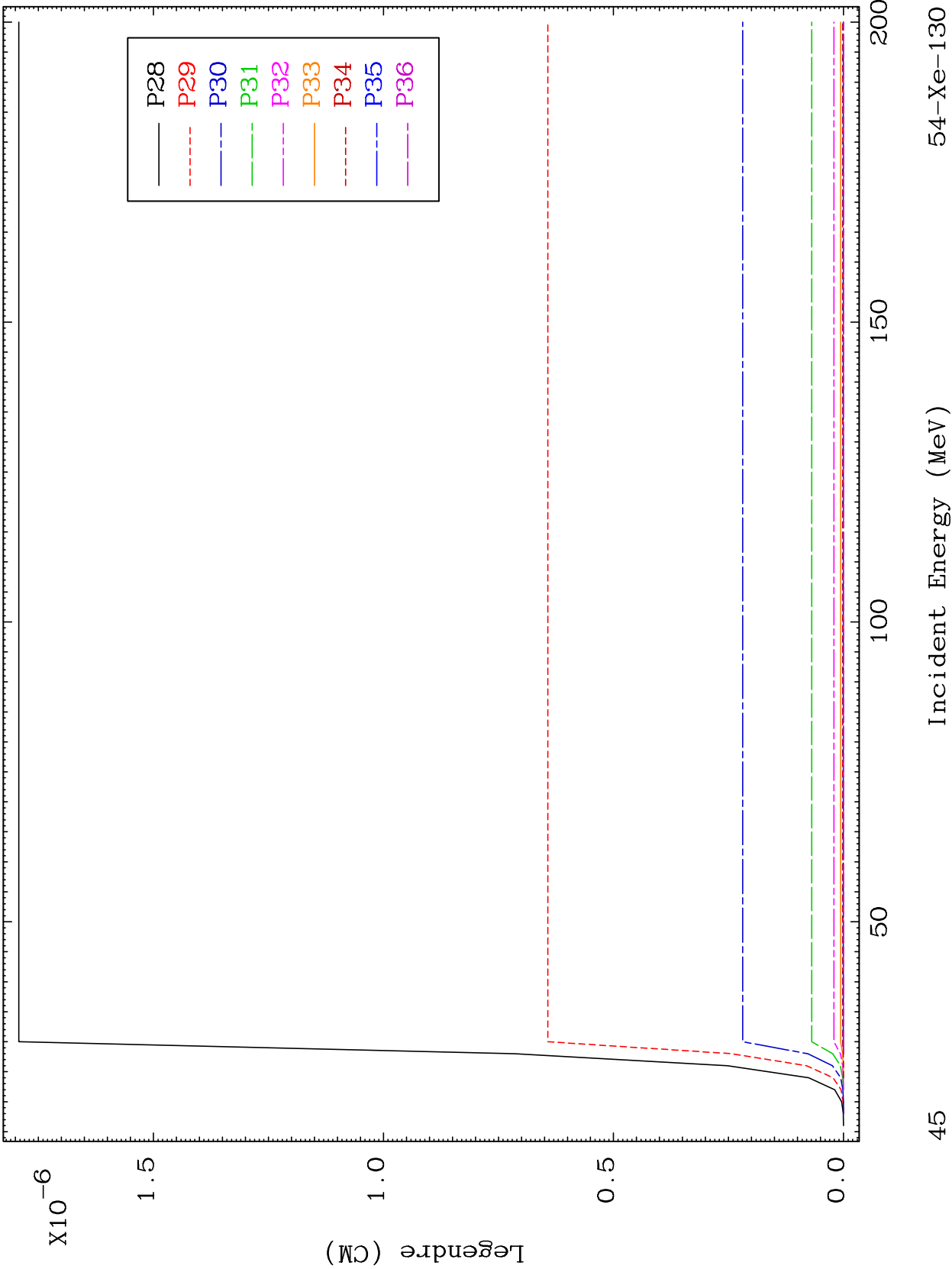
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

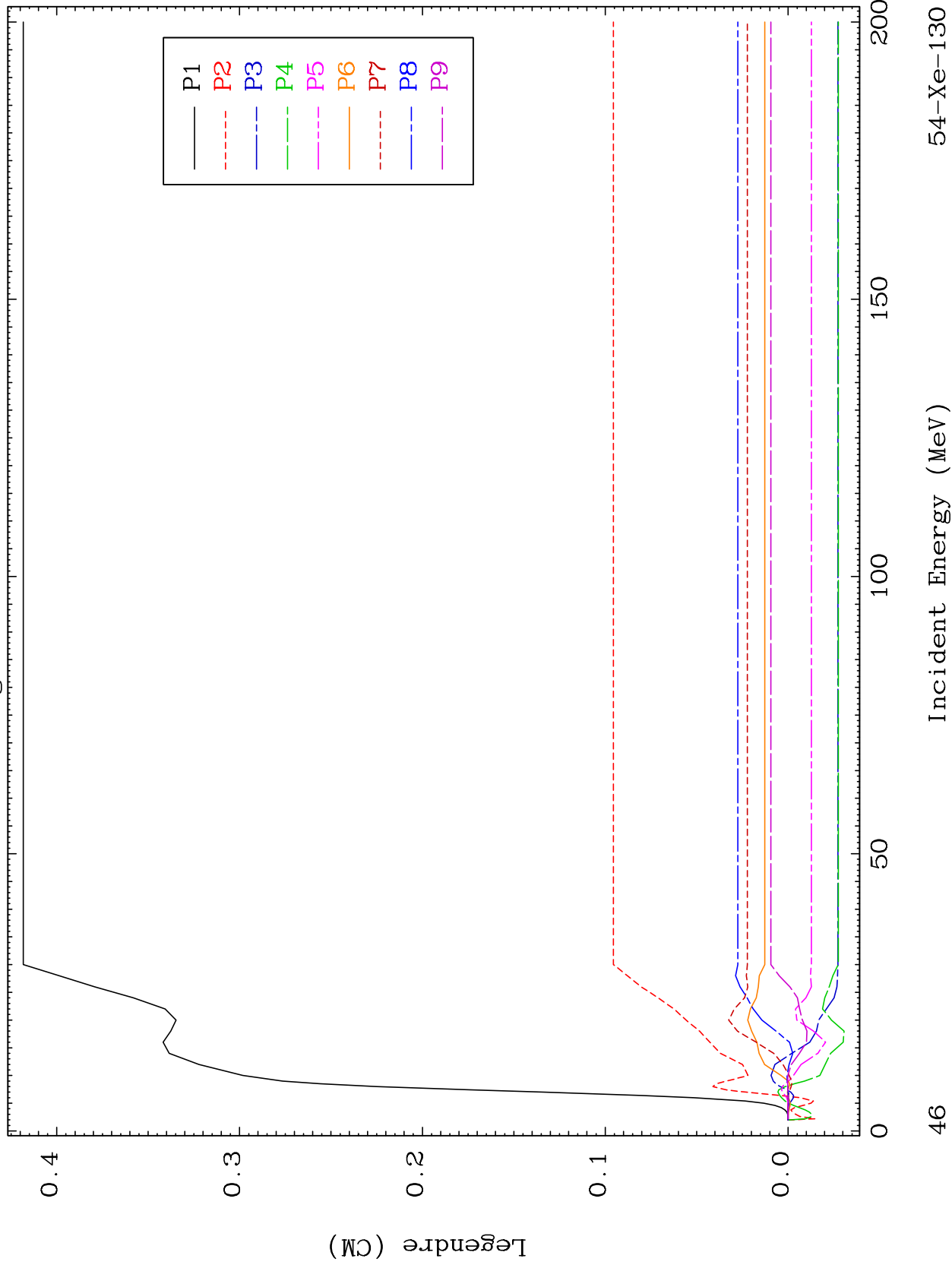
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

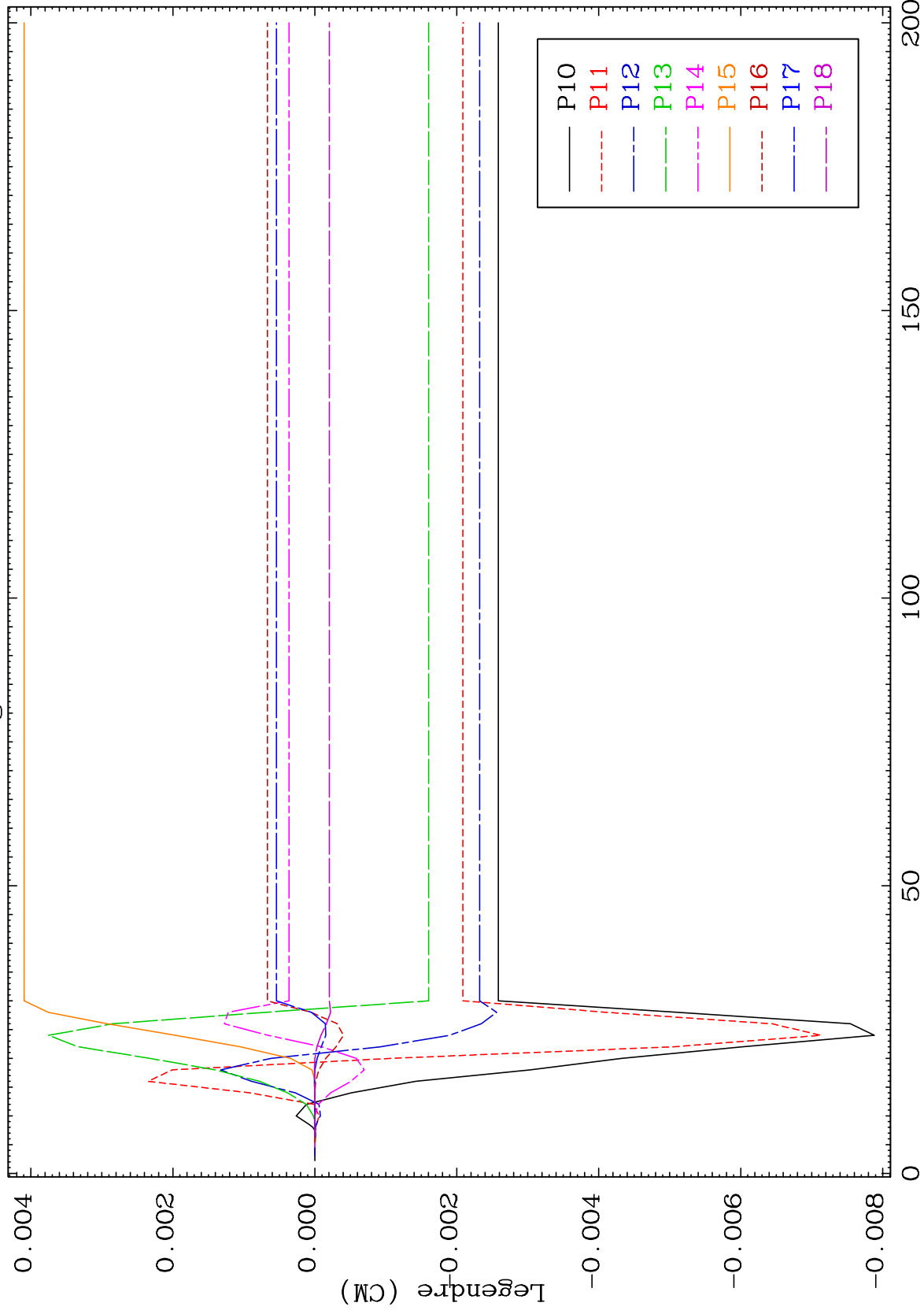
Incident Energy (MeV)

46

MAT 5443

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

54-Xe-130



47

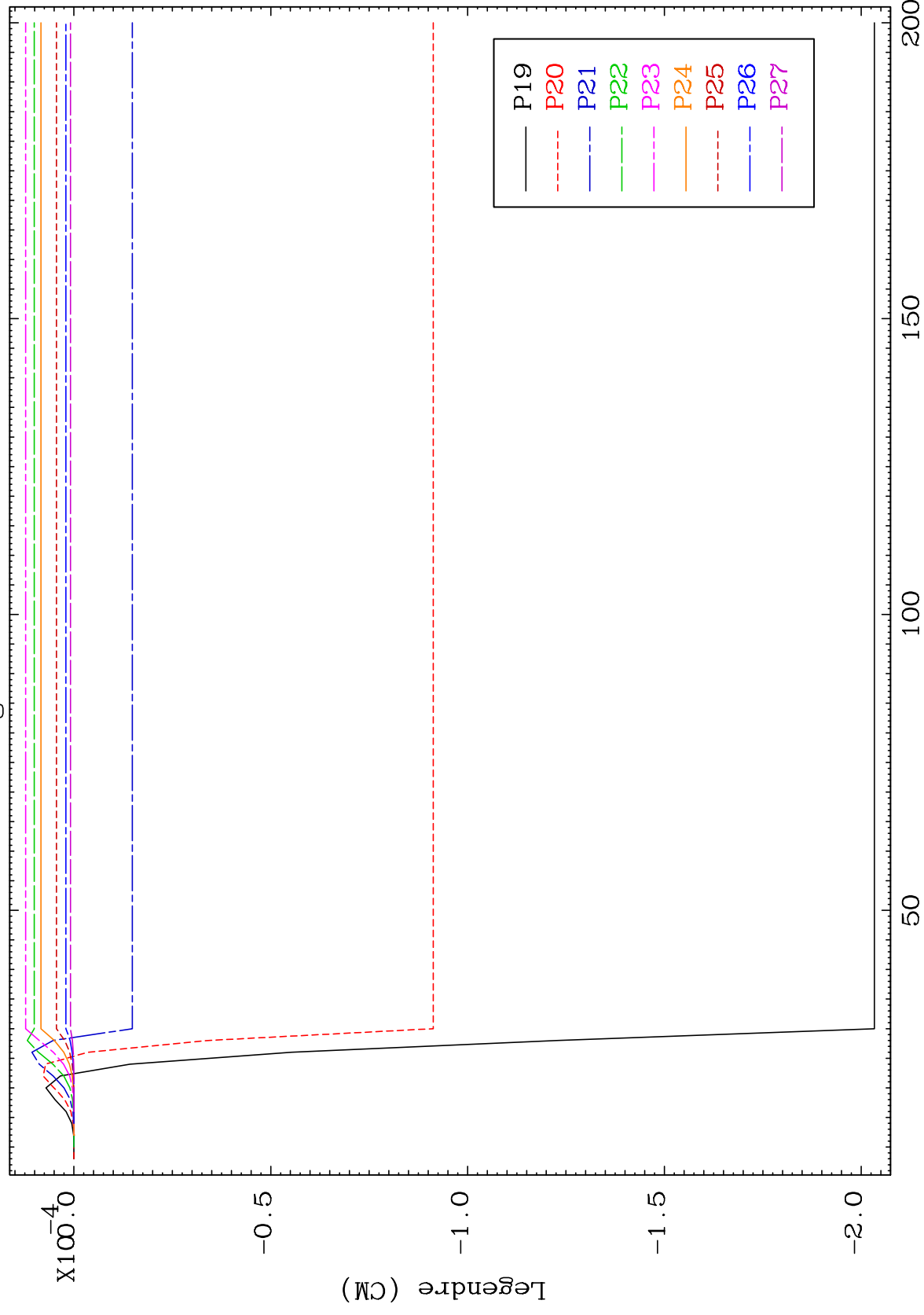
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



48

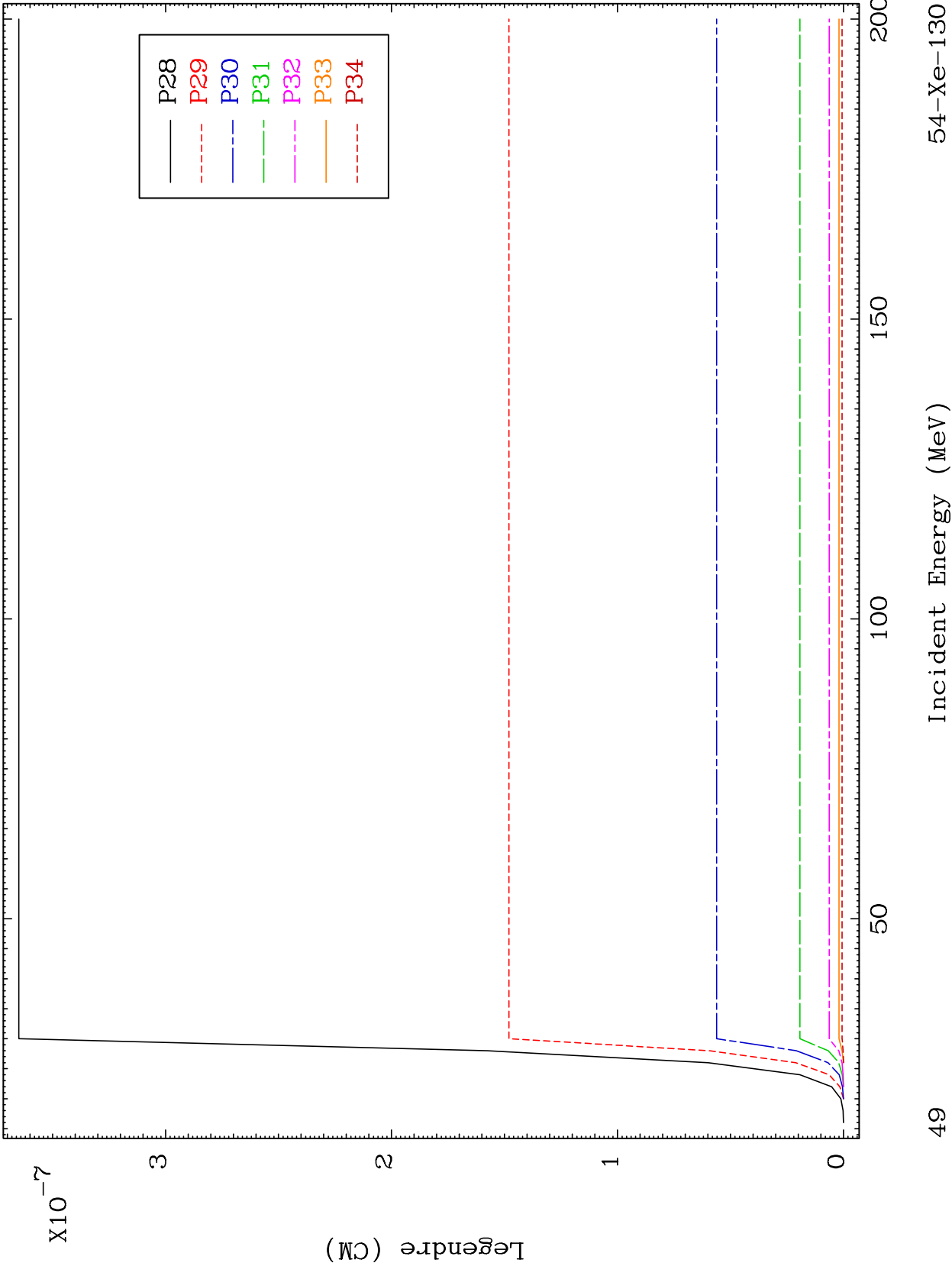
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

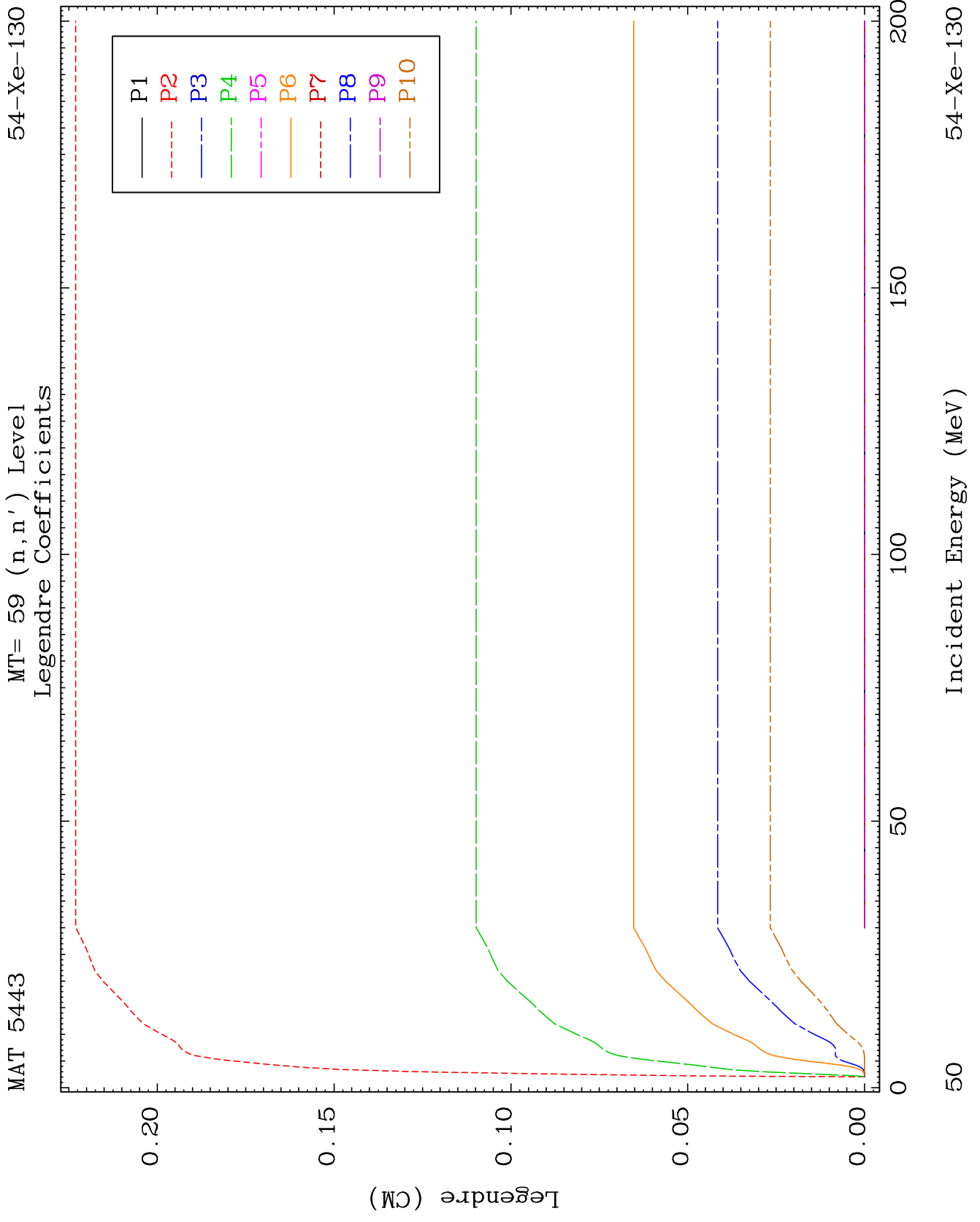
54-Xe-130



49

Incident Energy (MeV)

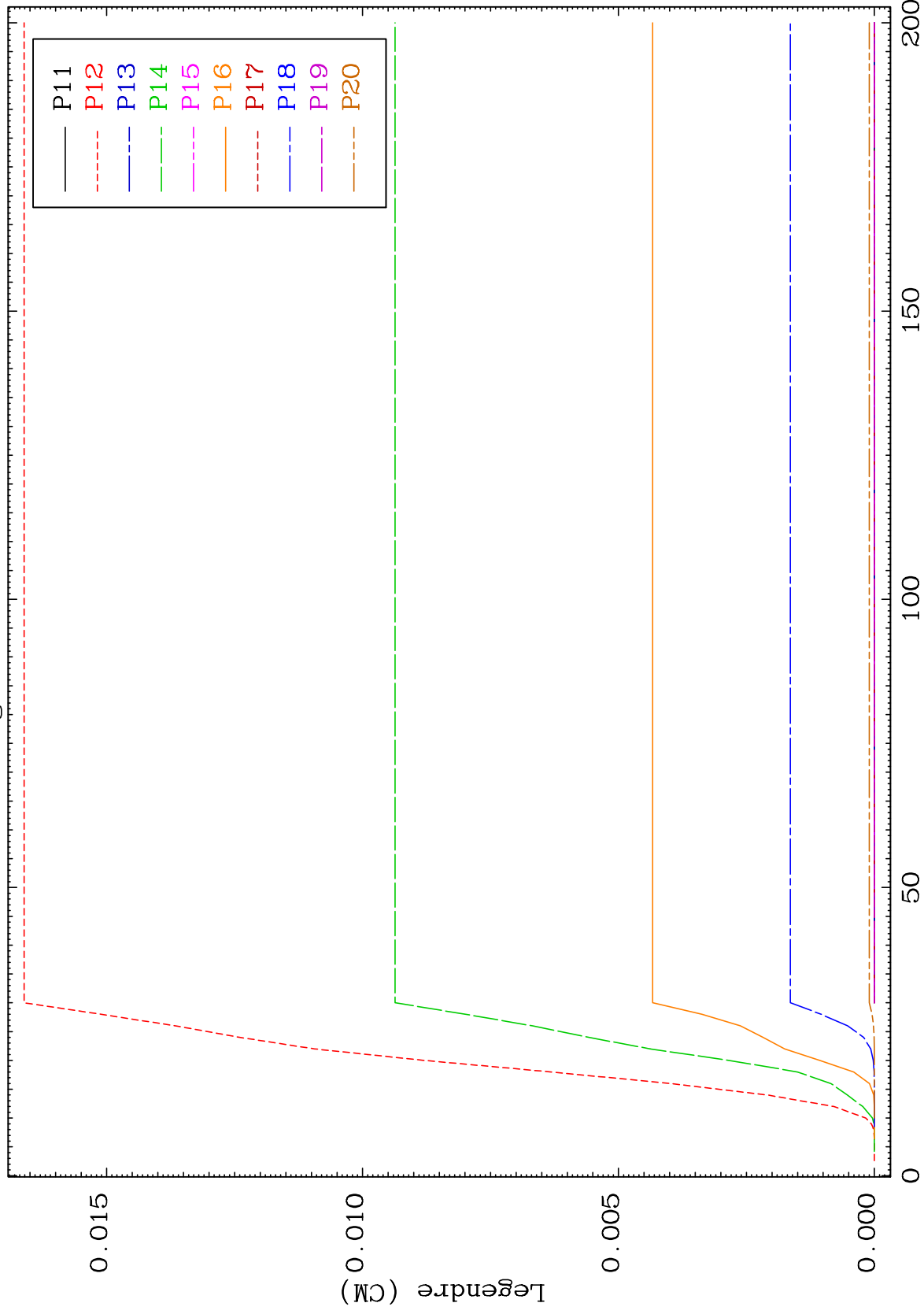
54-Xe-130



MAT 5443

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

54-Xe-130



51

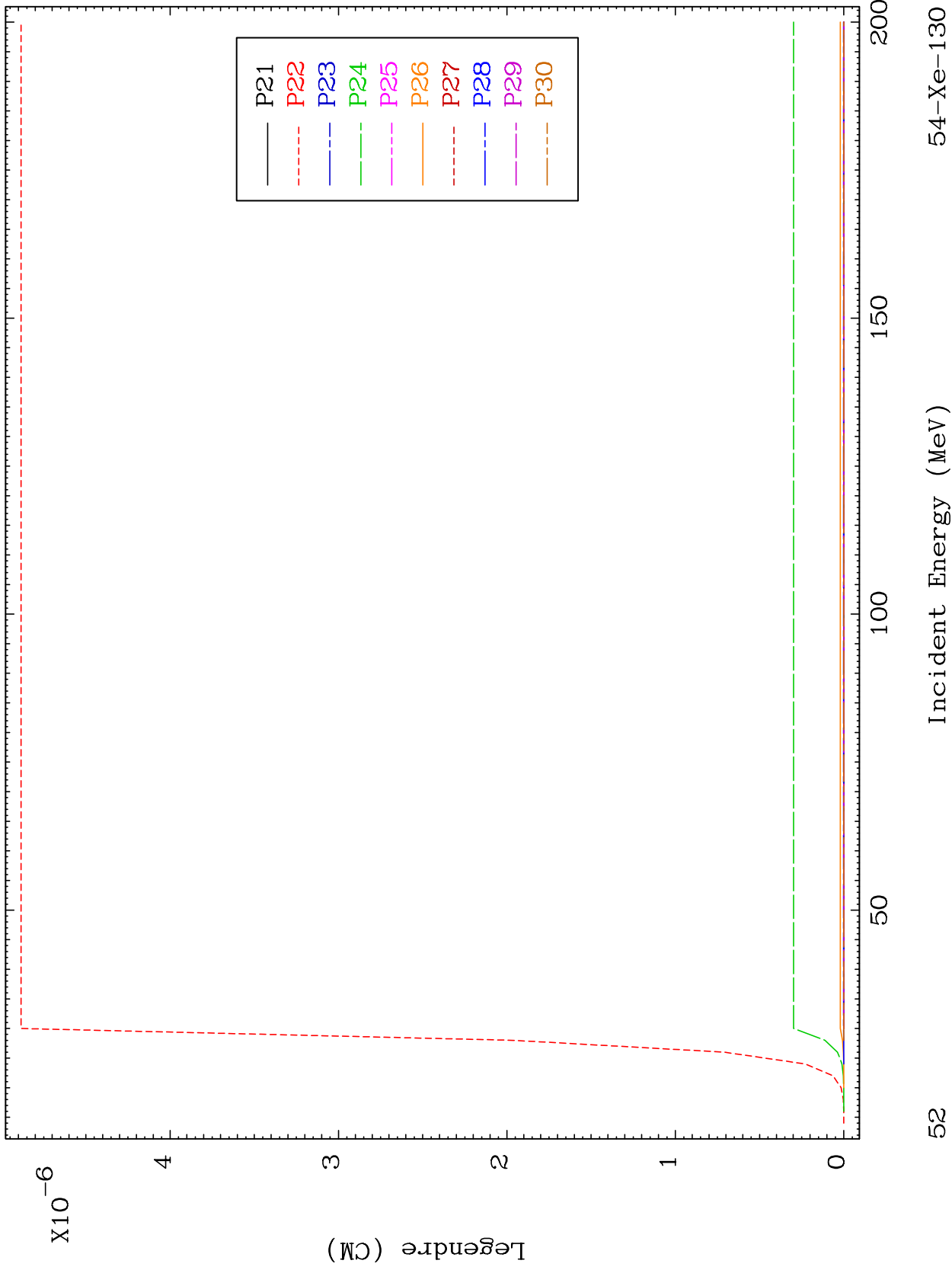
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



52

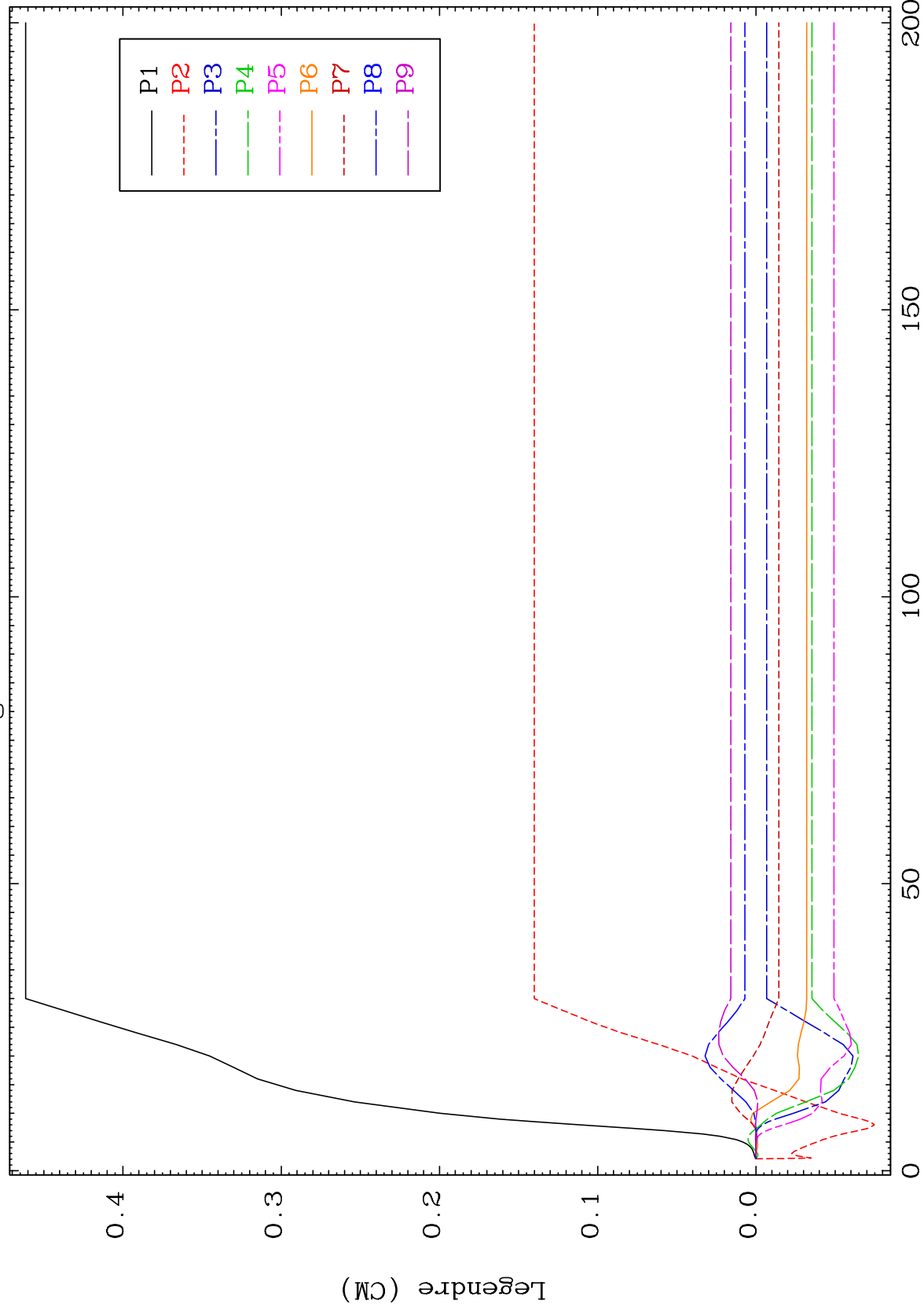
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



53

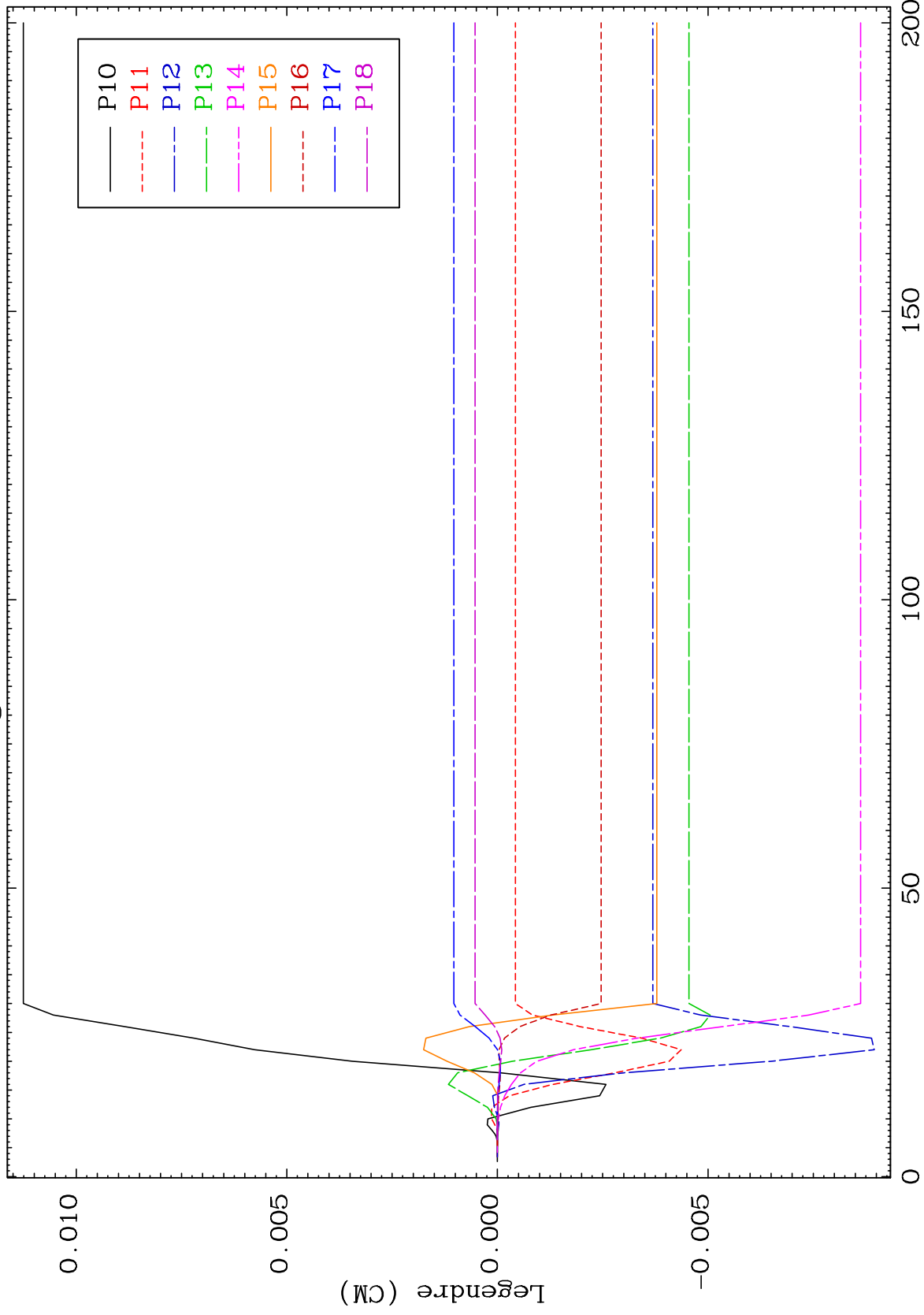
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

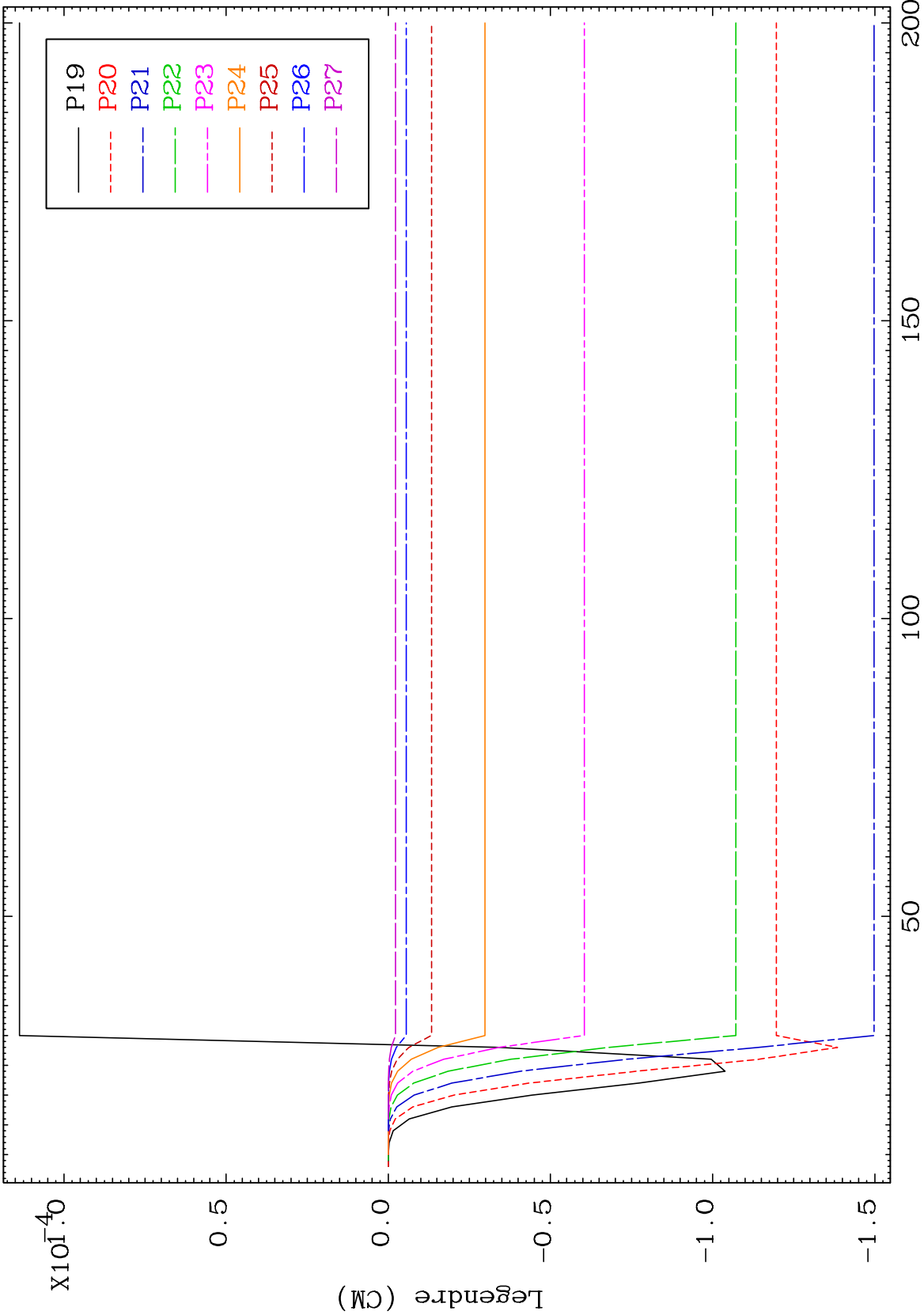
54-Xe-130



54

Incident Energy (MeV)

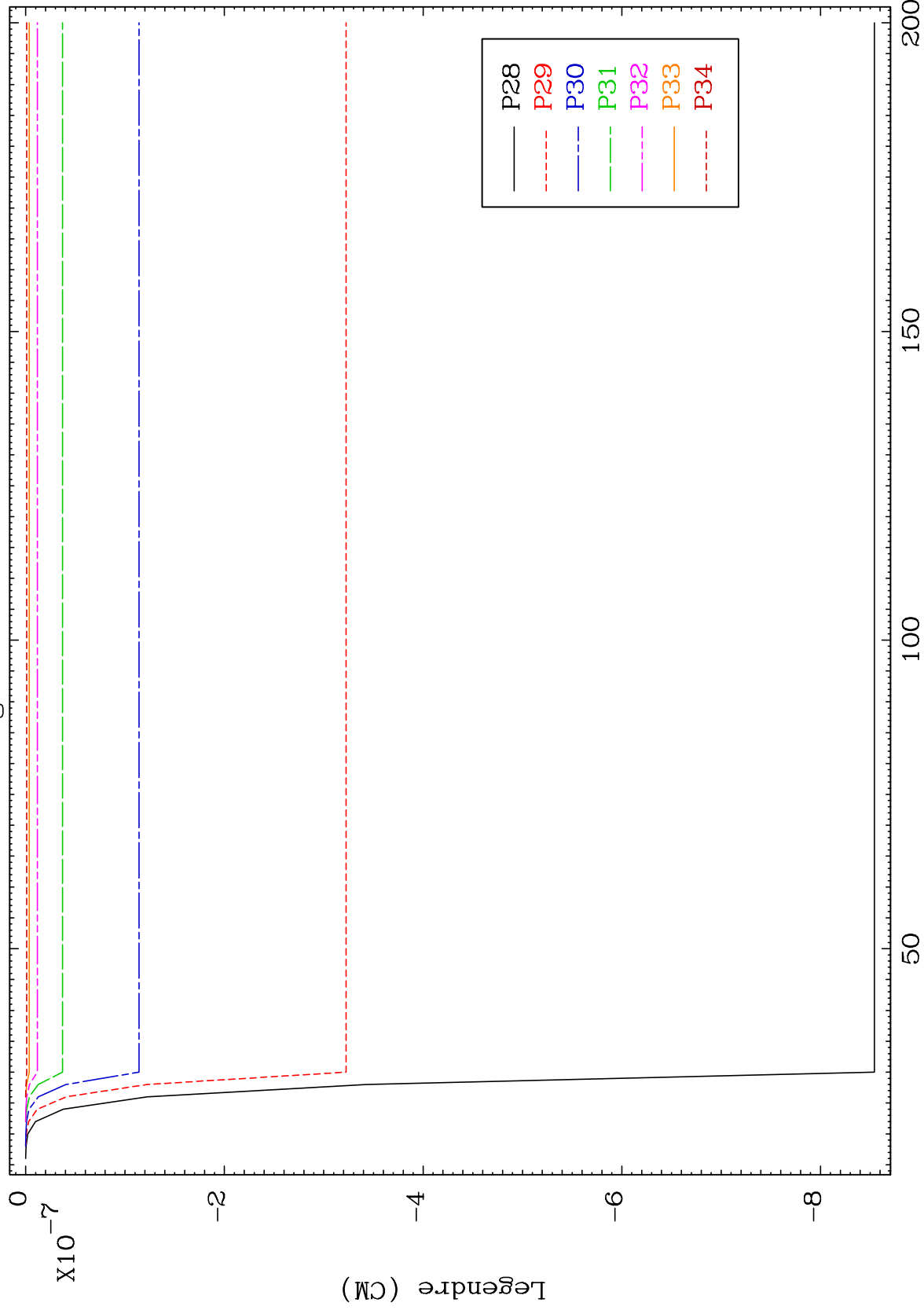
54-Xe-130



MAT 5443

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

54-Xe-130



56

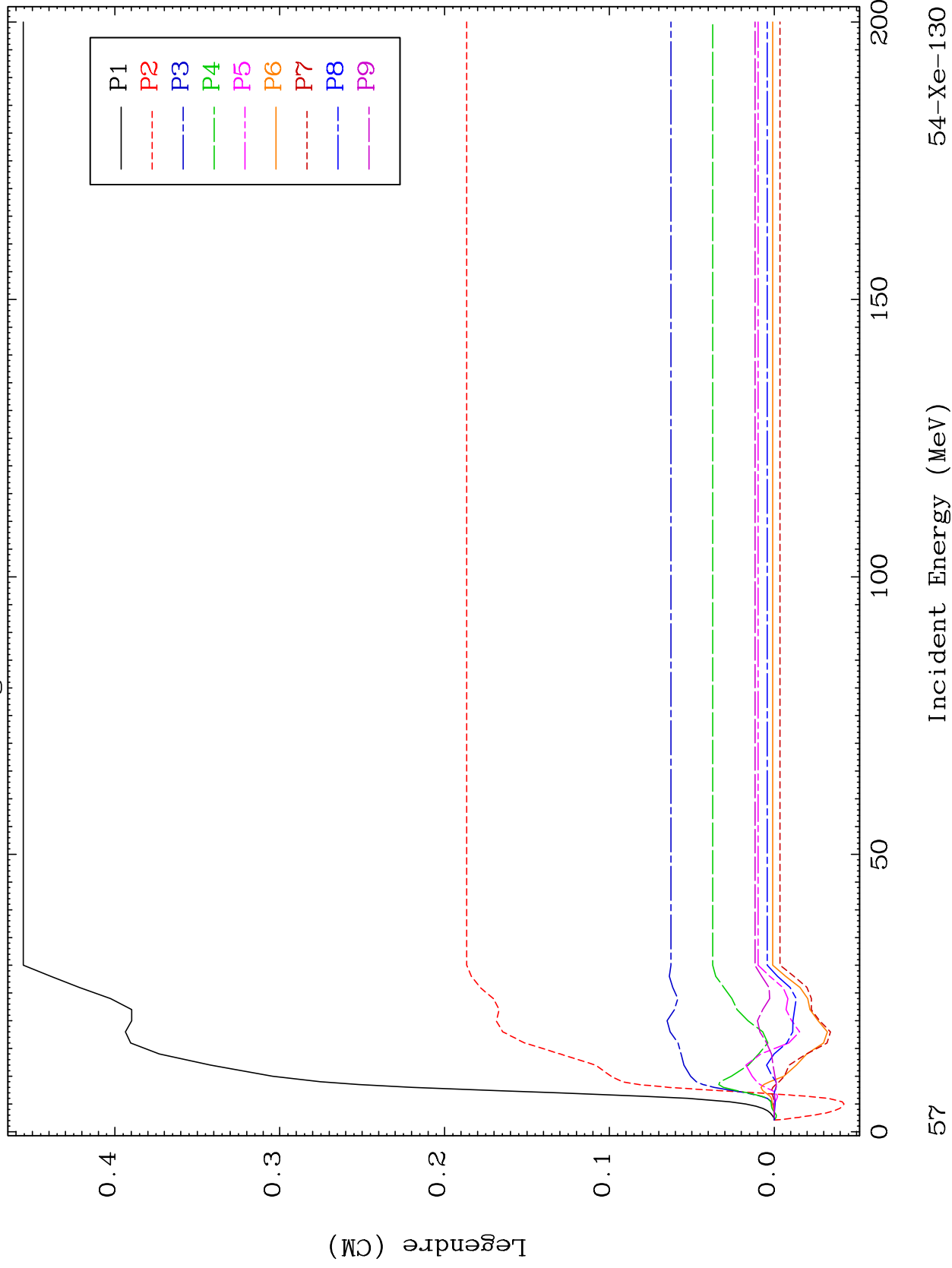
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130

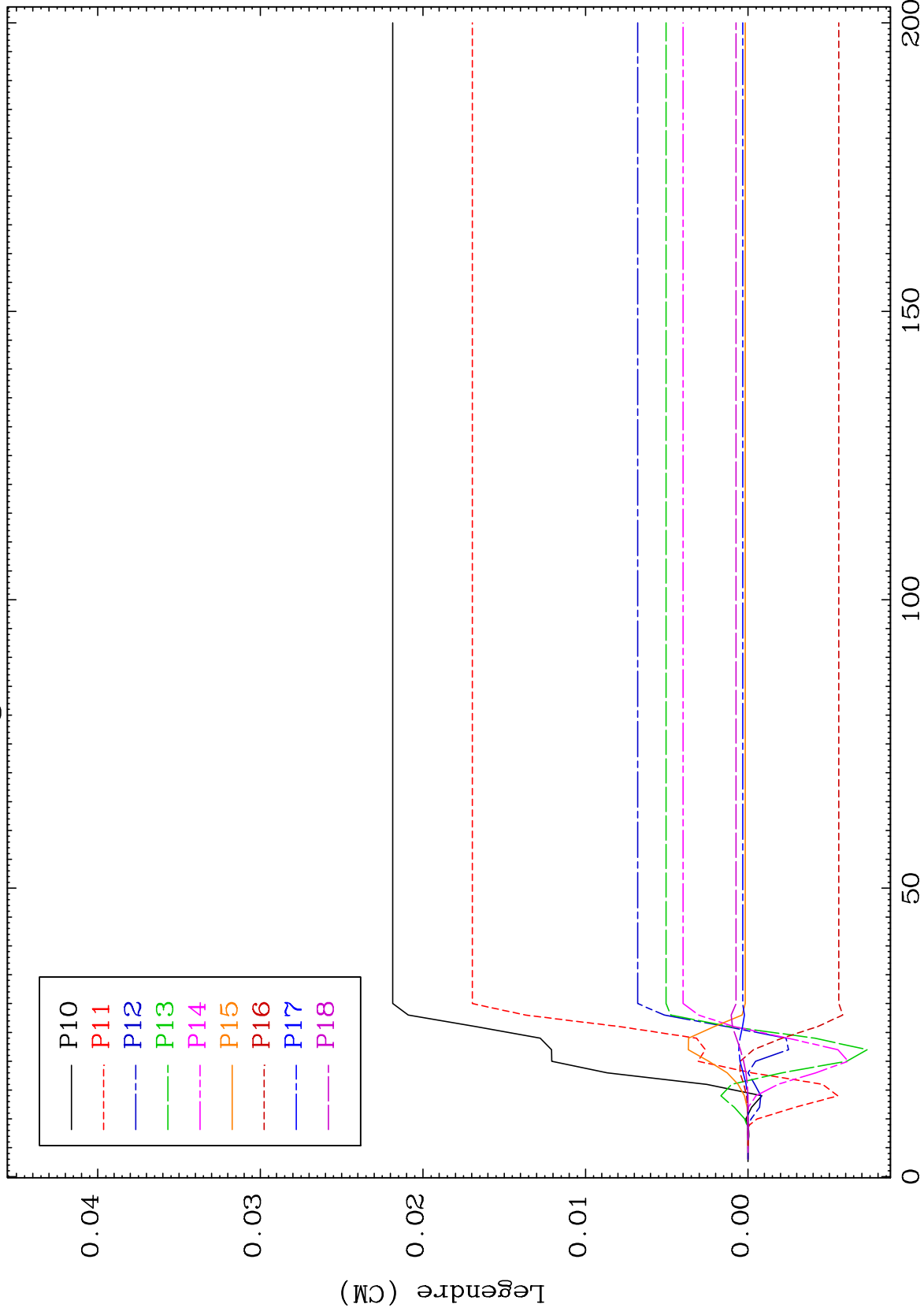


54-Xe-130

MAT 5443

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

54-Xe-130



58

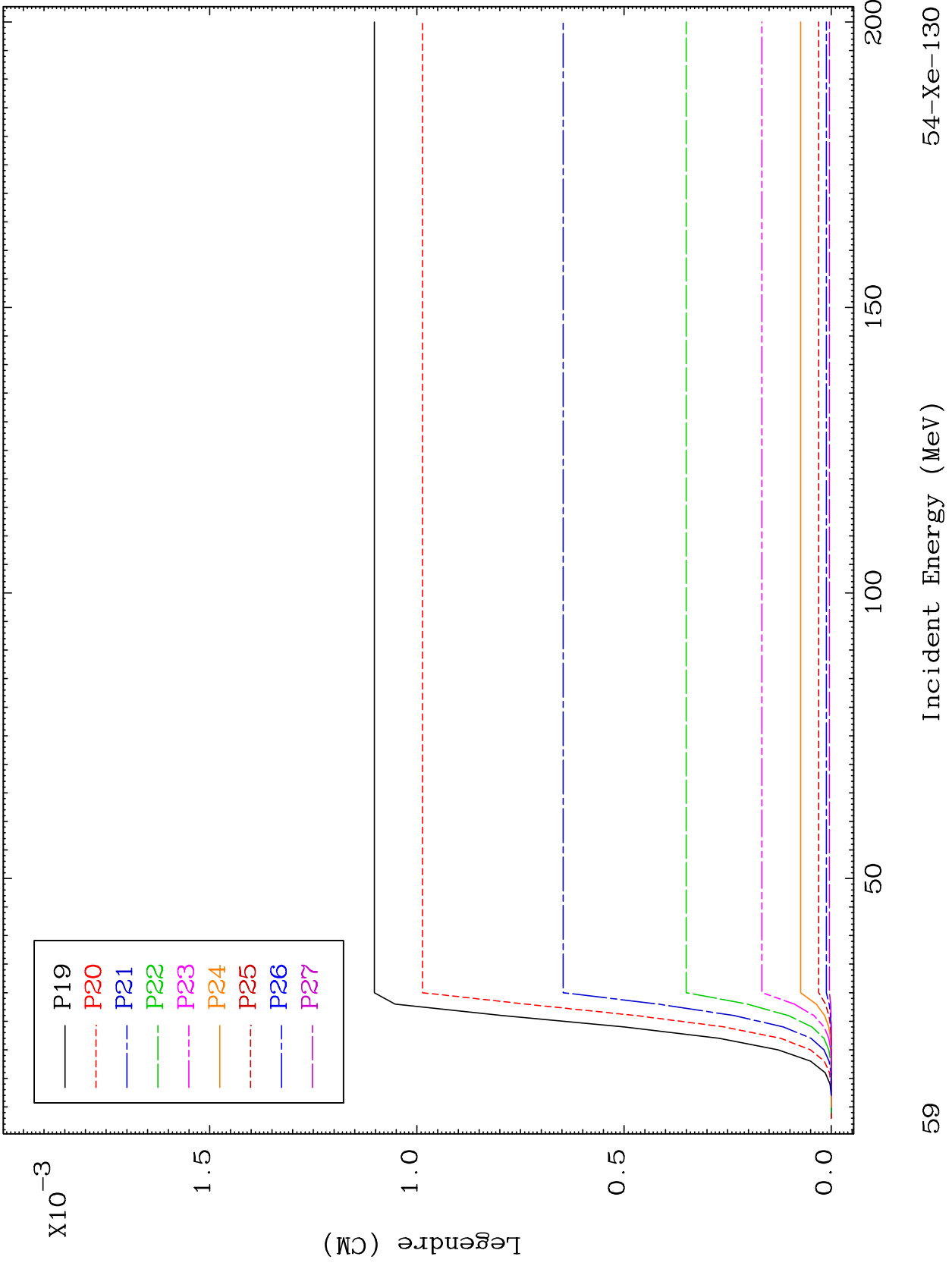
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

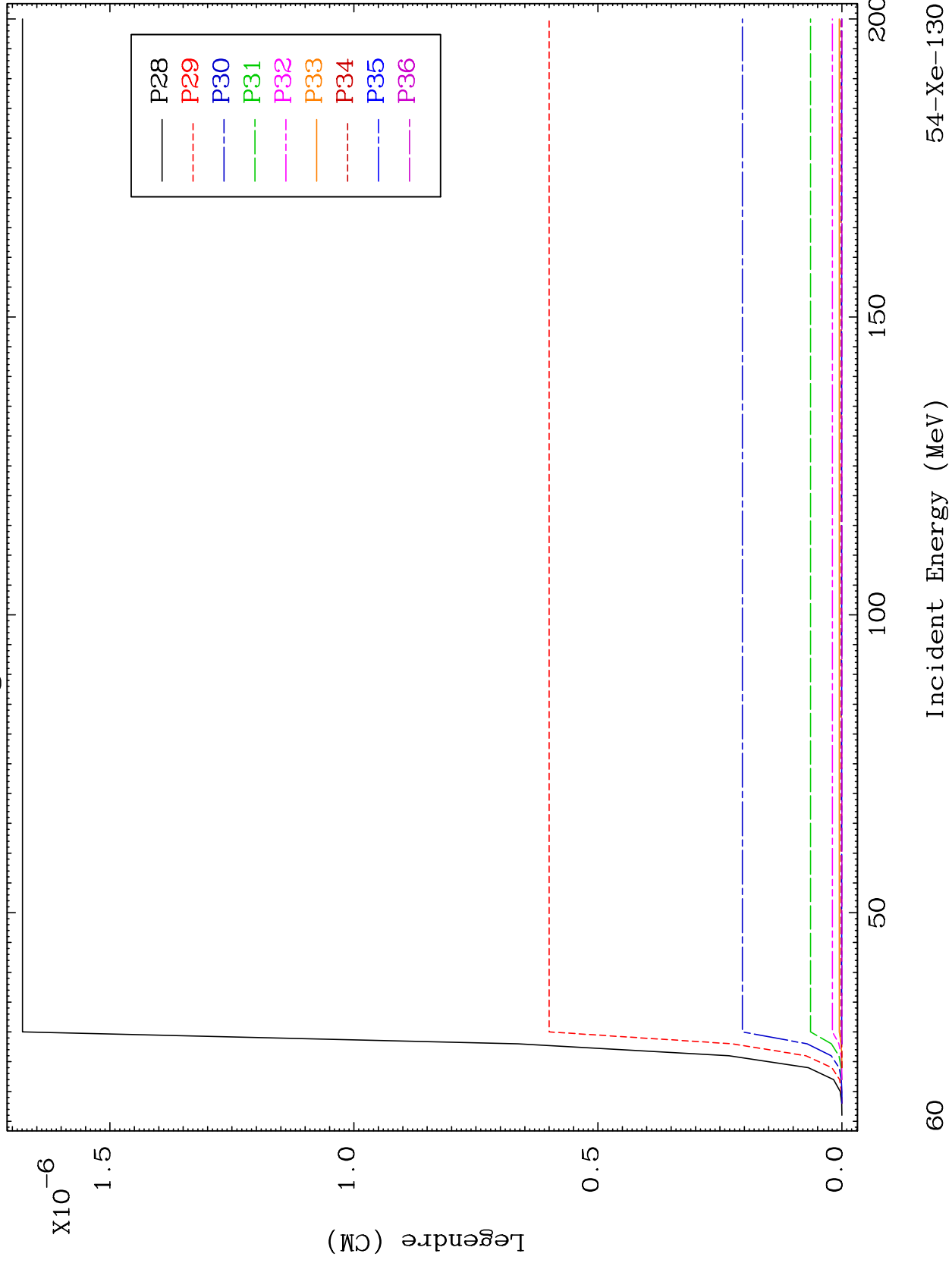
54-Xe-130



MAT 5443

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

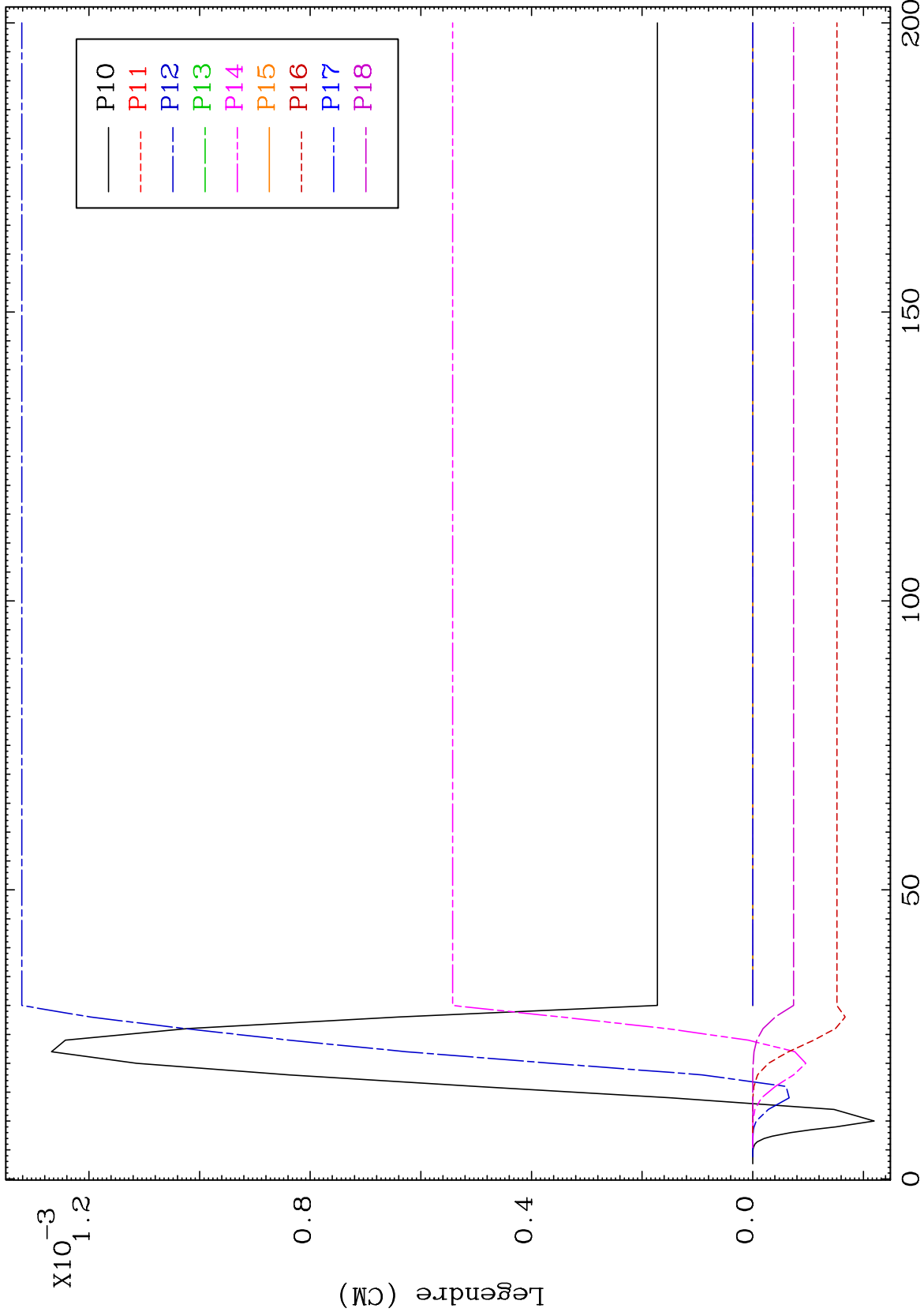
54-Xe-130



MAT 5443

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

54-Xe-130



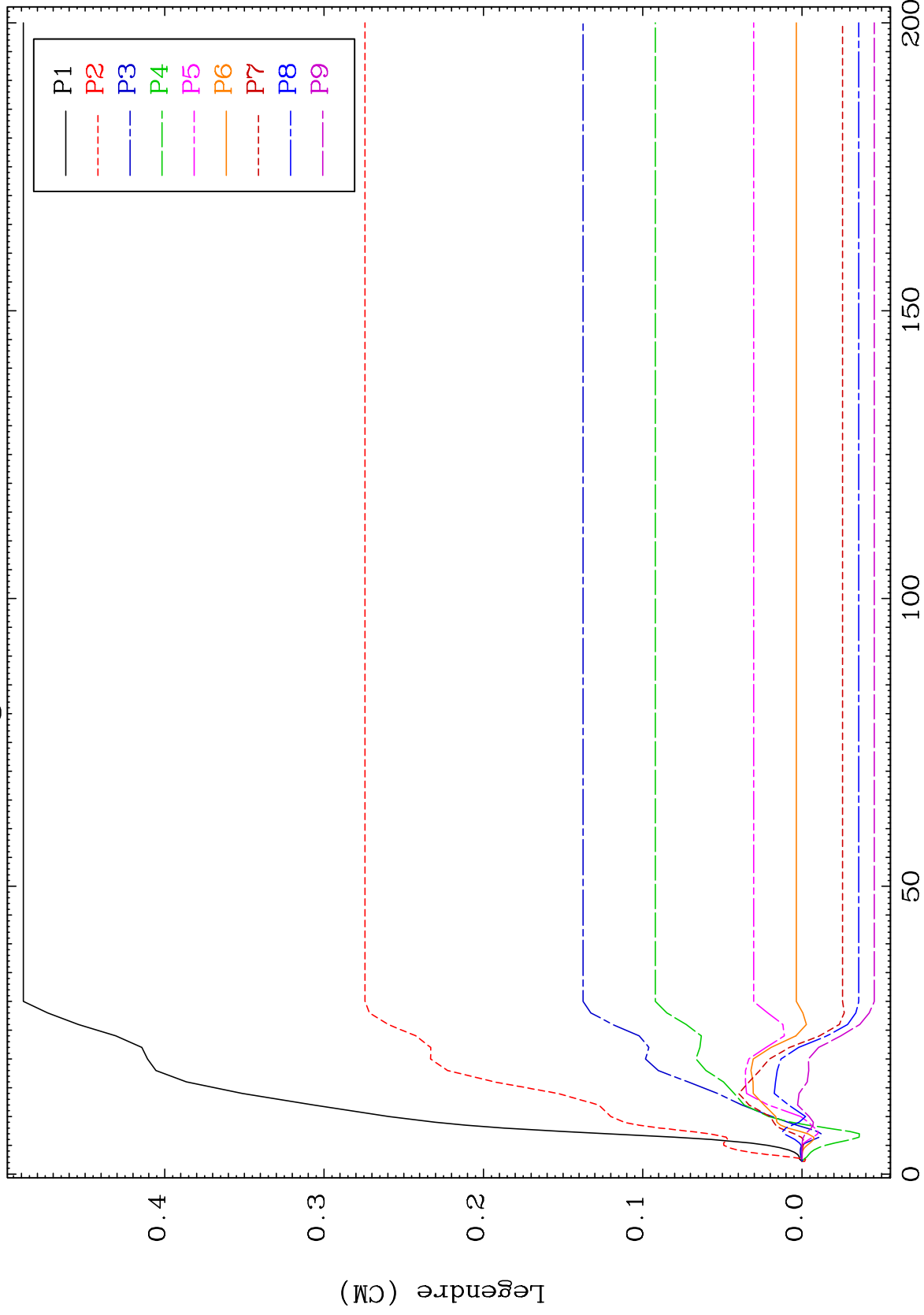
62

54-Xe-130

MAT 5443

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

54-Xe-130



64

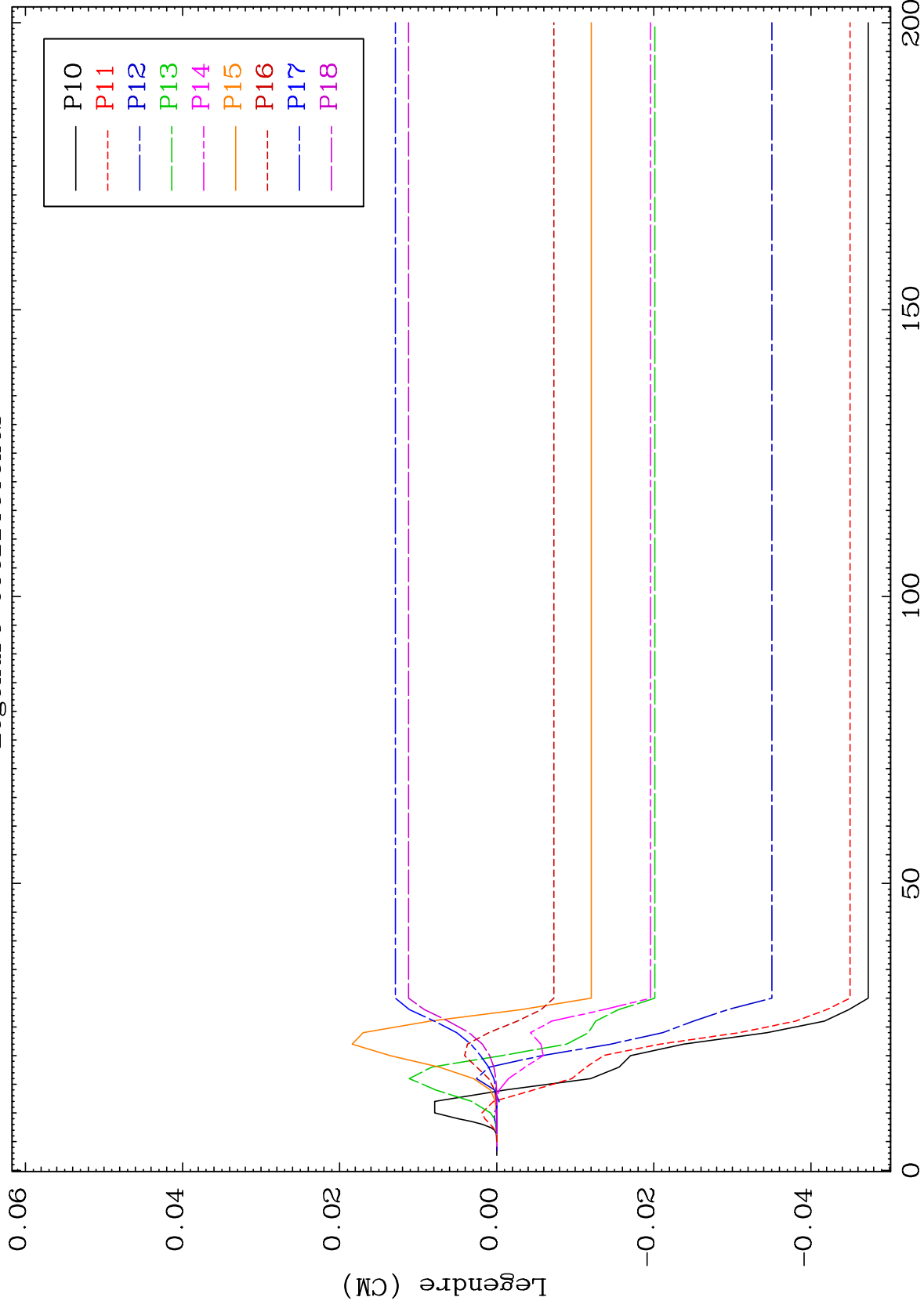
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



65

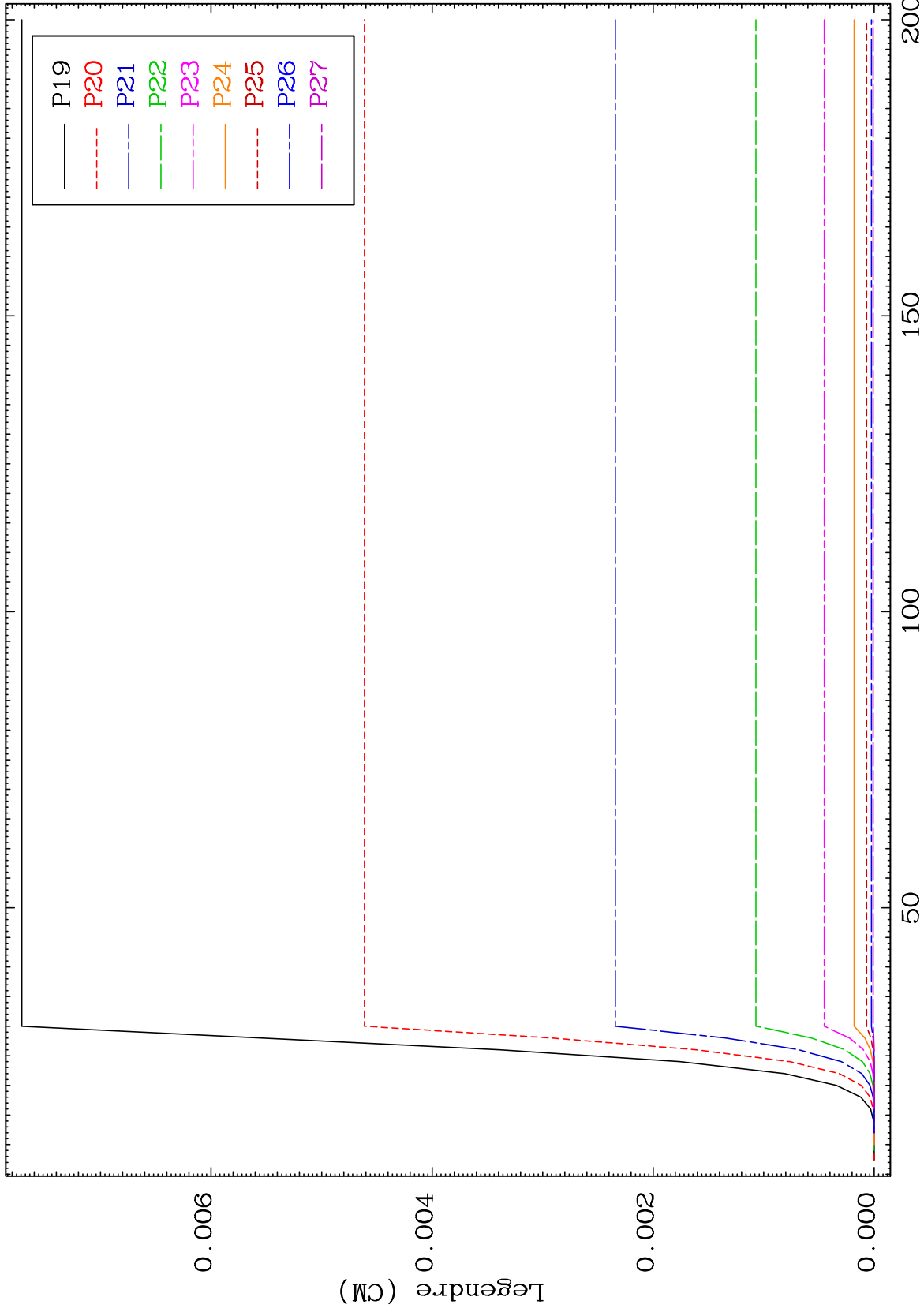
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



66

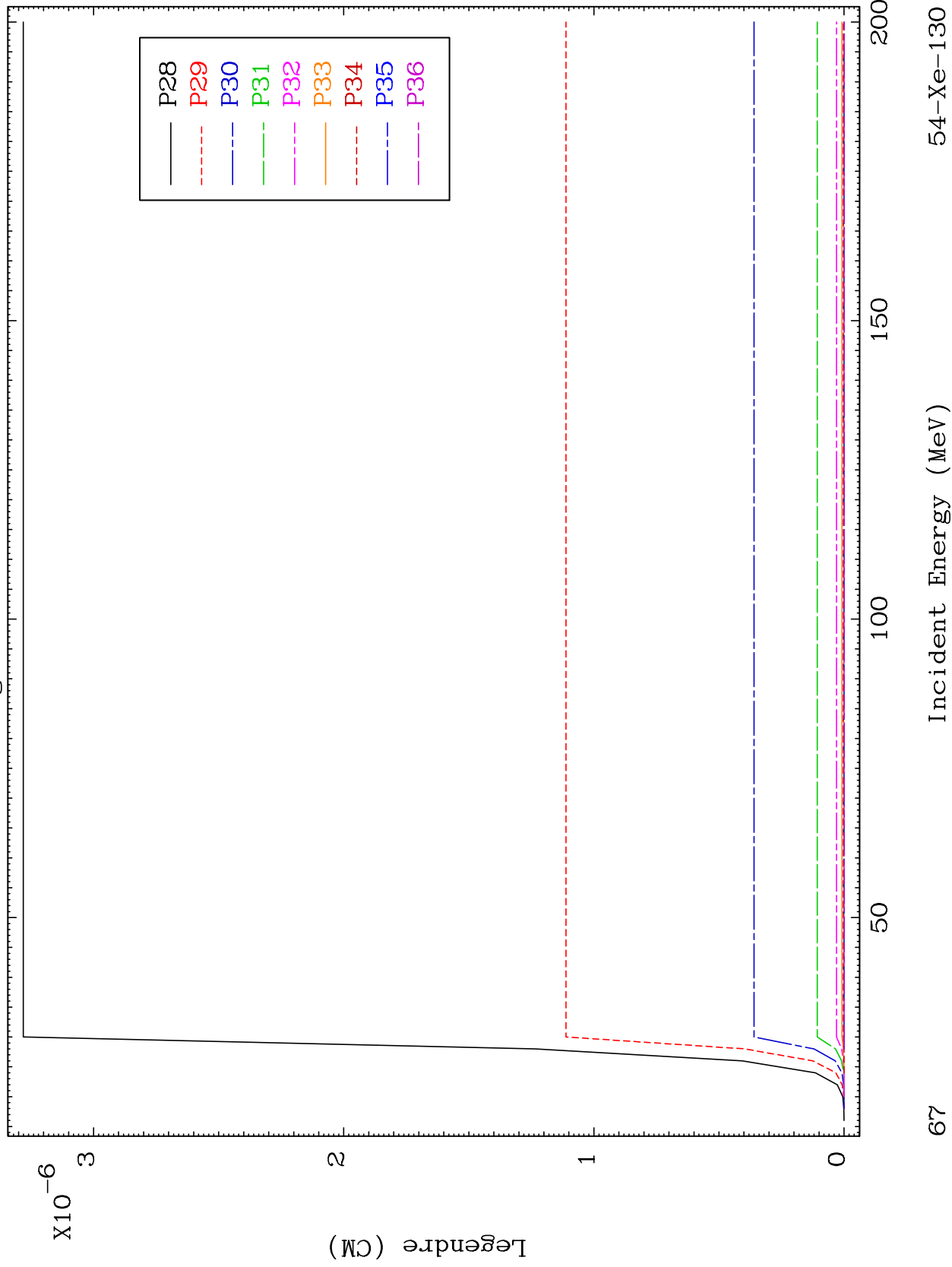
Incident Energy (MeV)

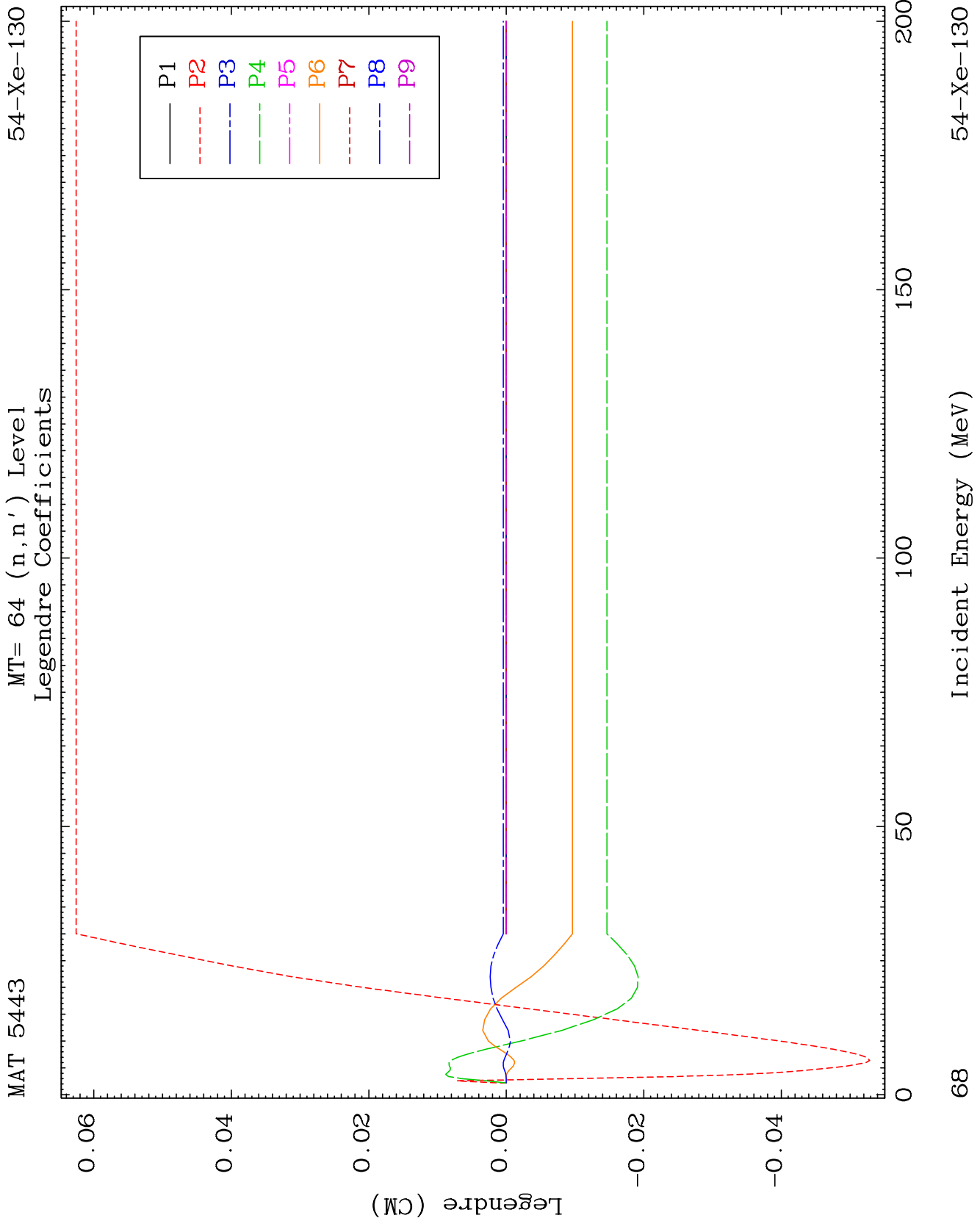
54-Xe-130

MAT 5443

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

54-Xe-130

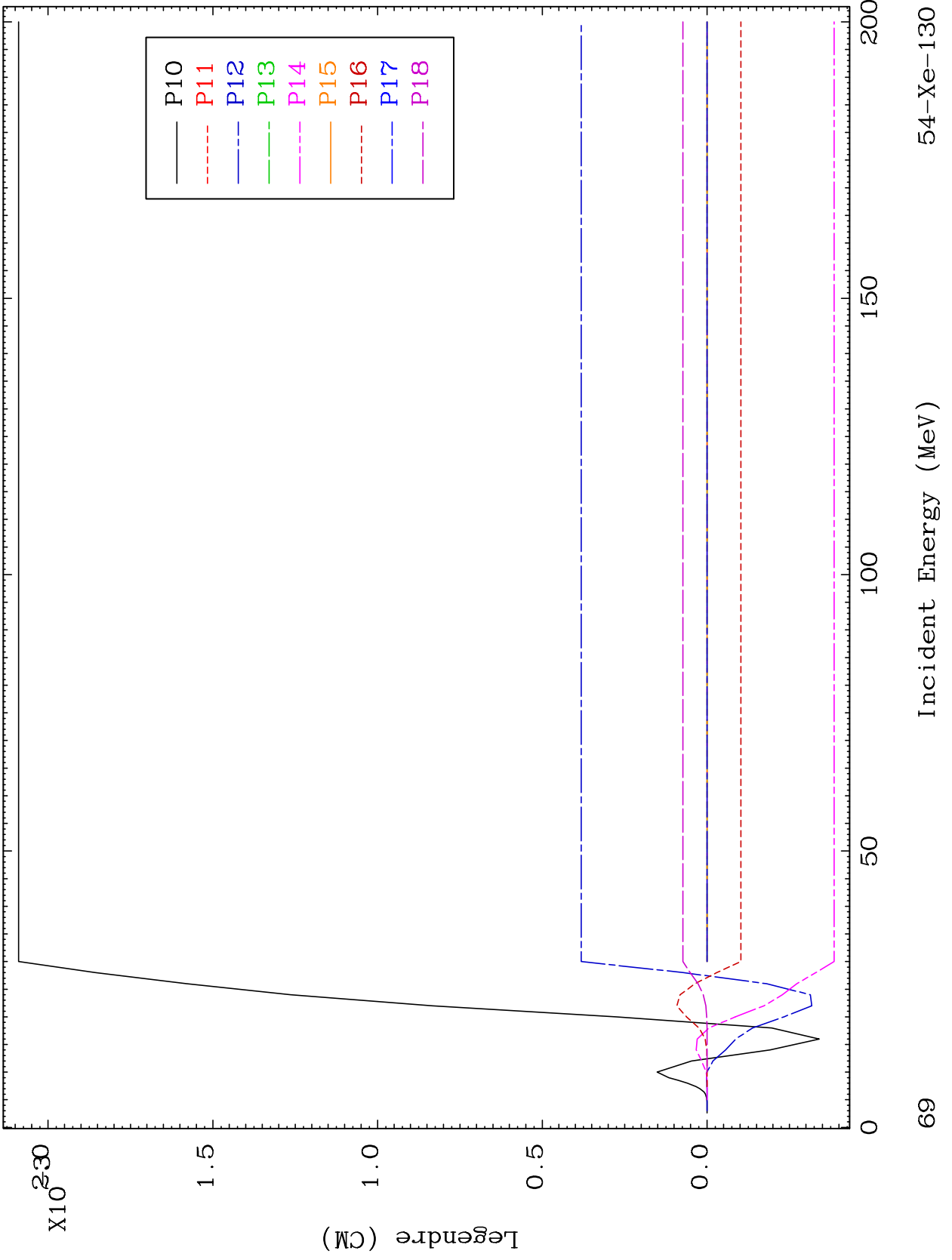




MAT 5443

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

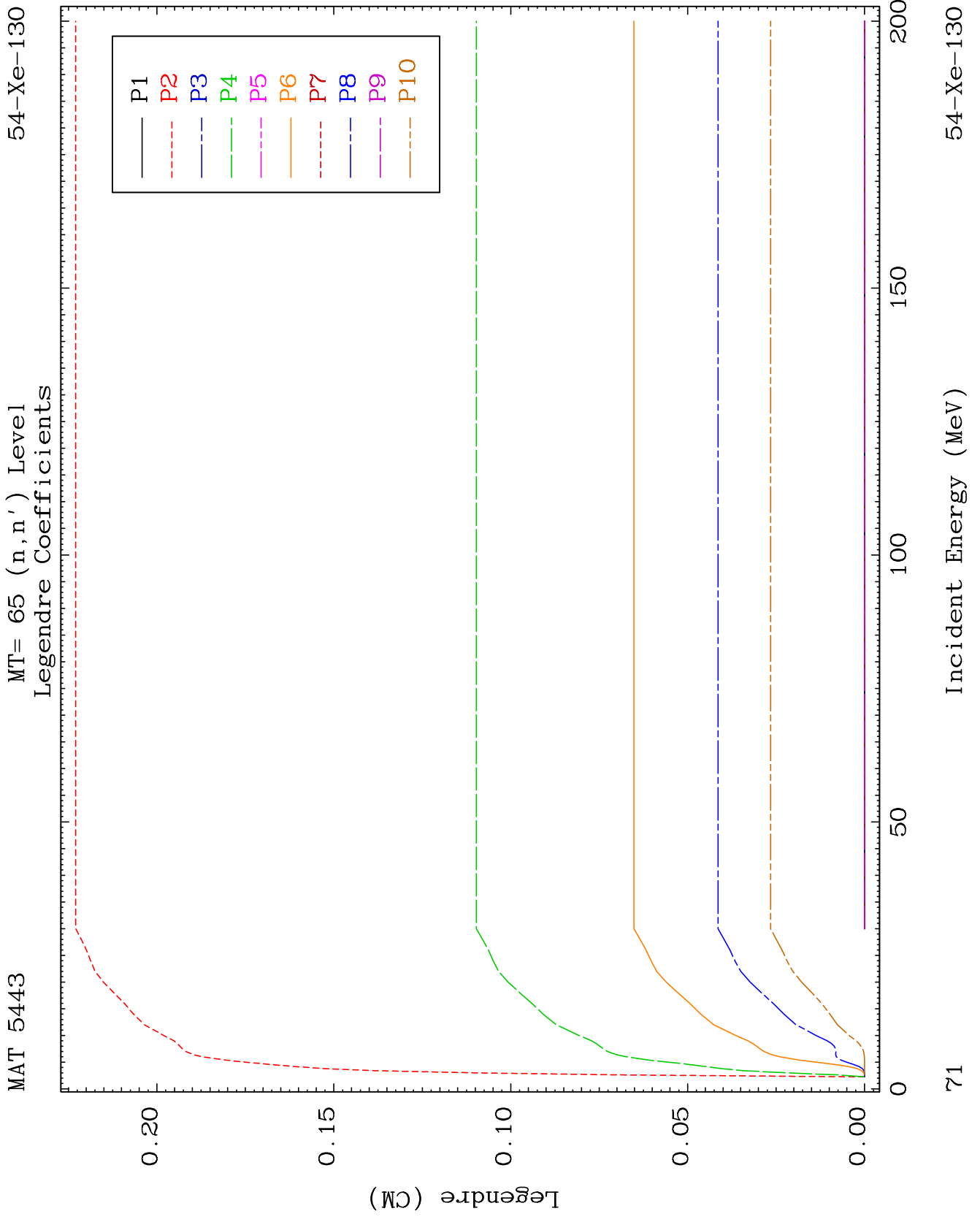
54-Xe-130



69

Incident Energy (MeV)

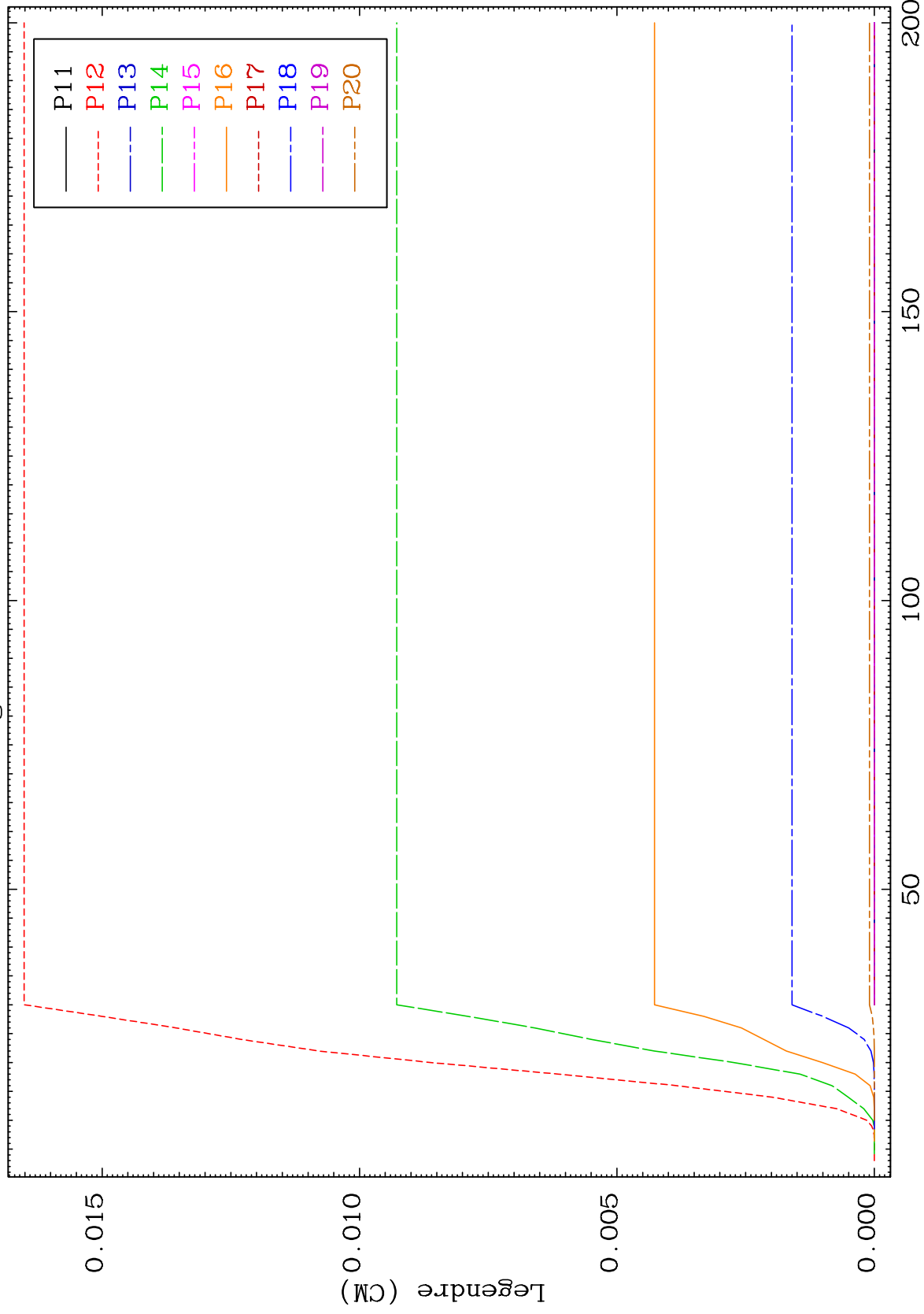
54-Xe-130



MAT 5443

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

54-Xe-130



72

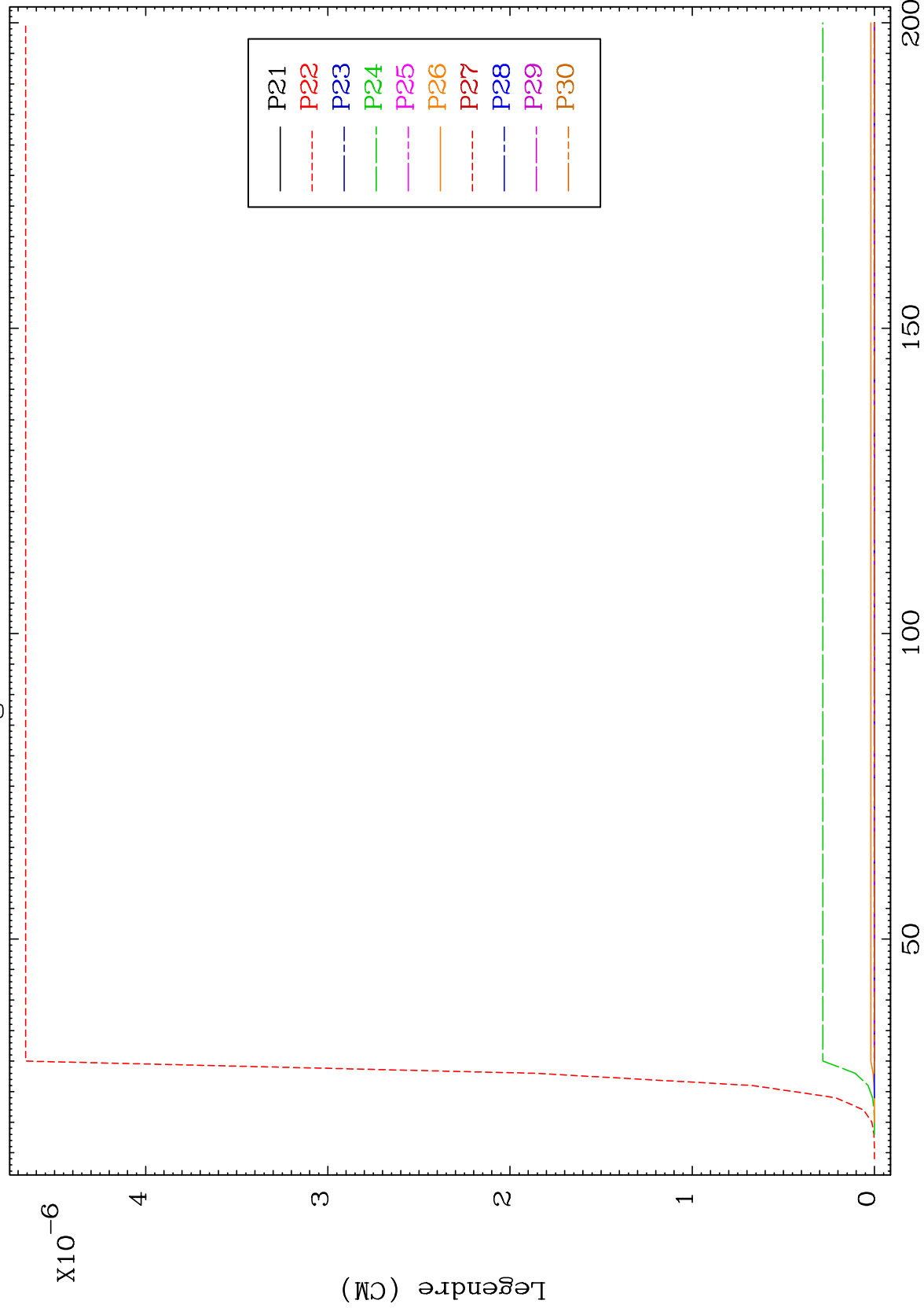
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

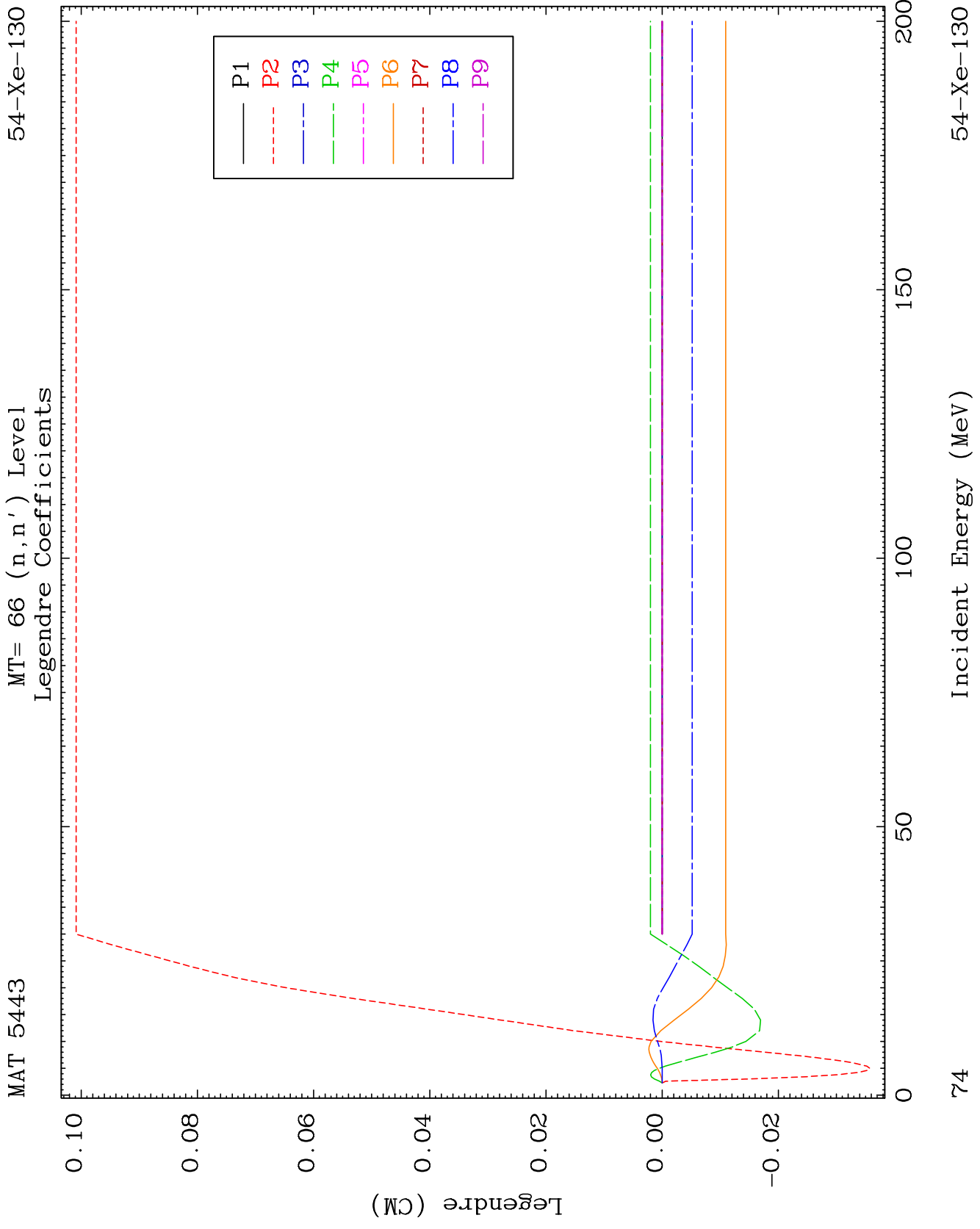
54-Xe-130

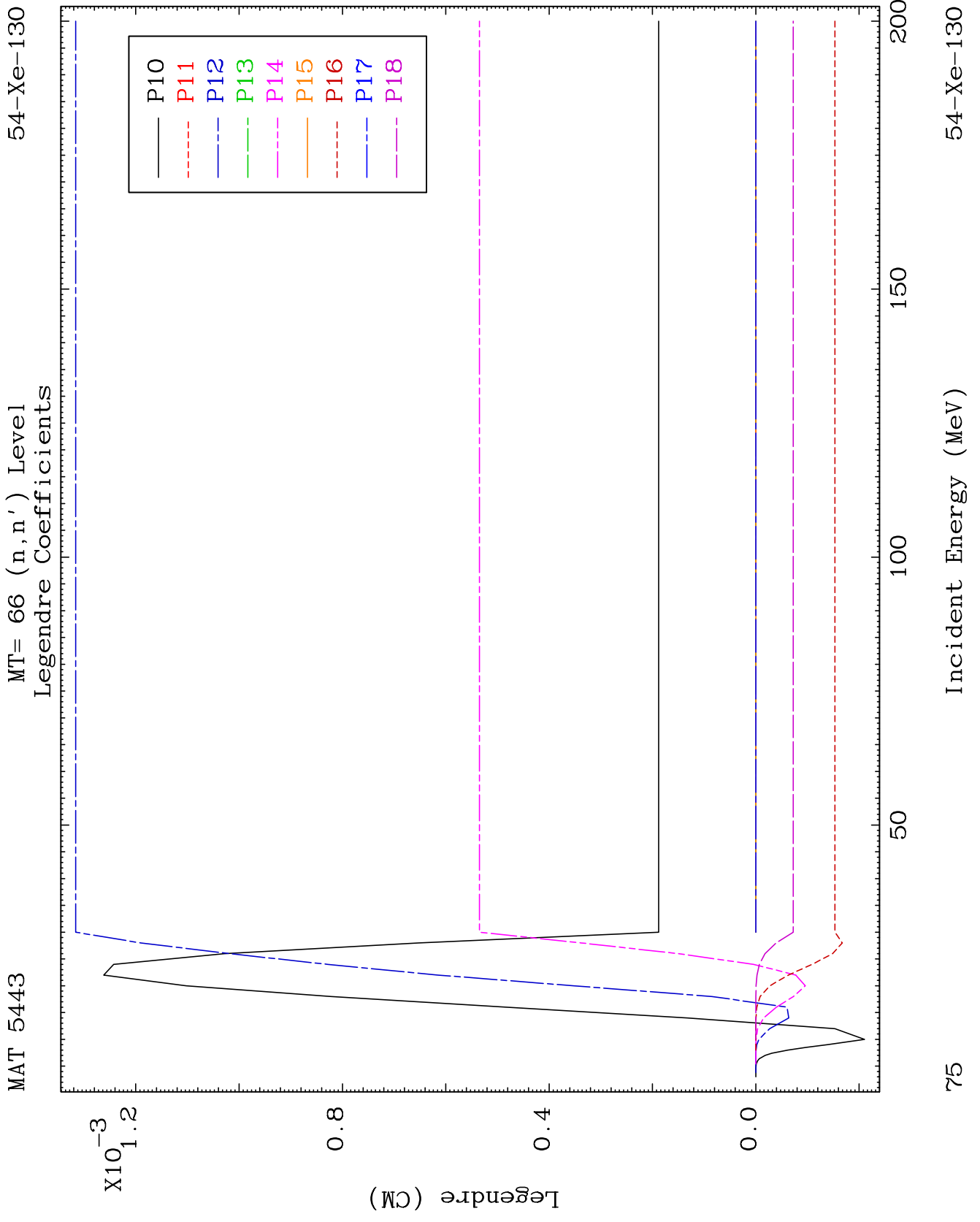


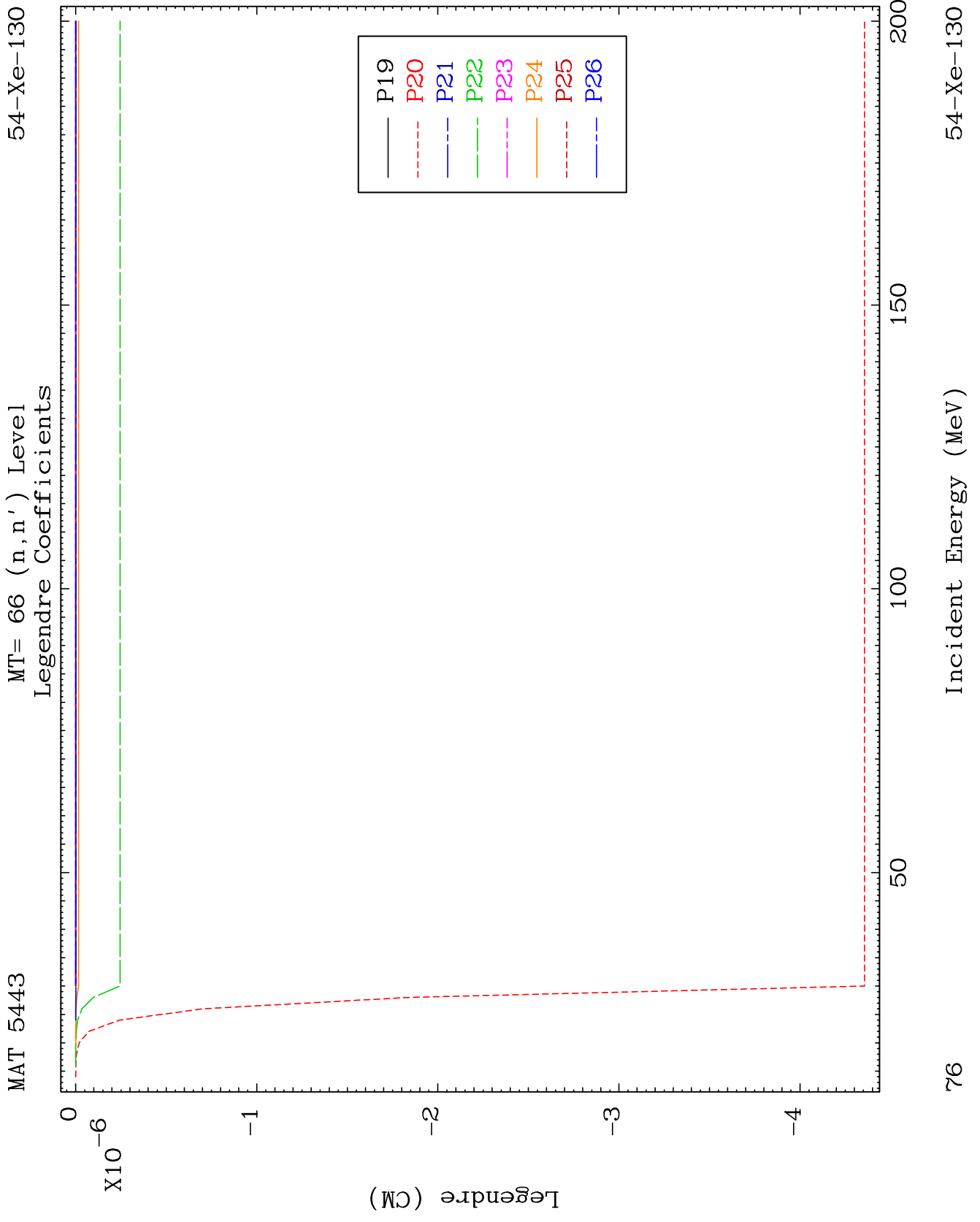
73

Incident Energy (MeV)

54-Xe-130



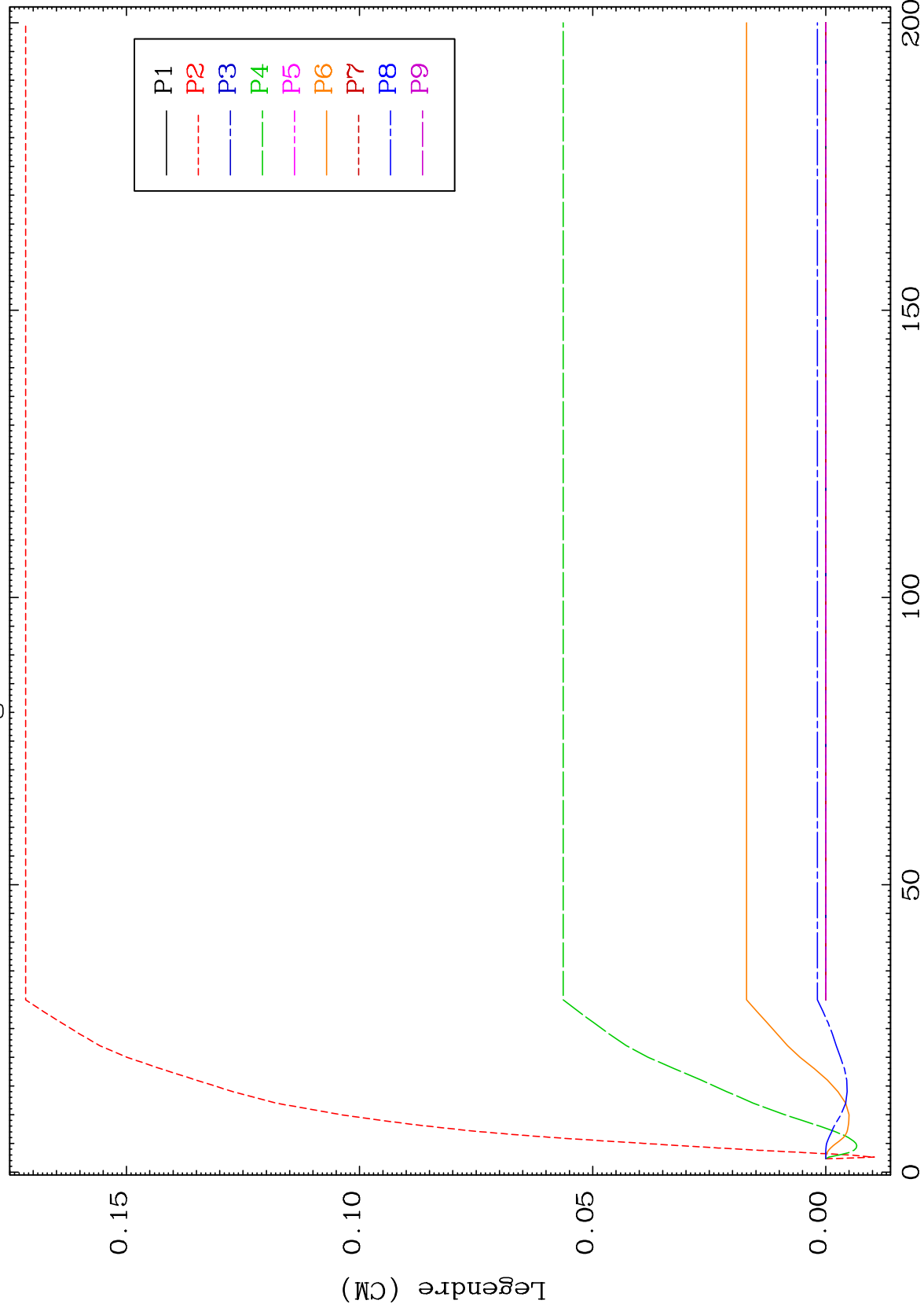




MAT 5443

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

54-Xe-130



77

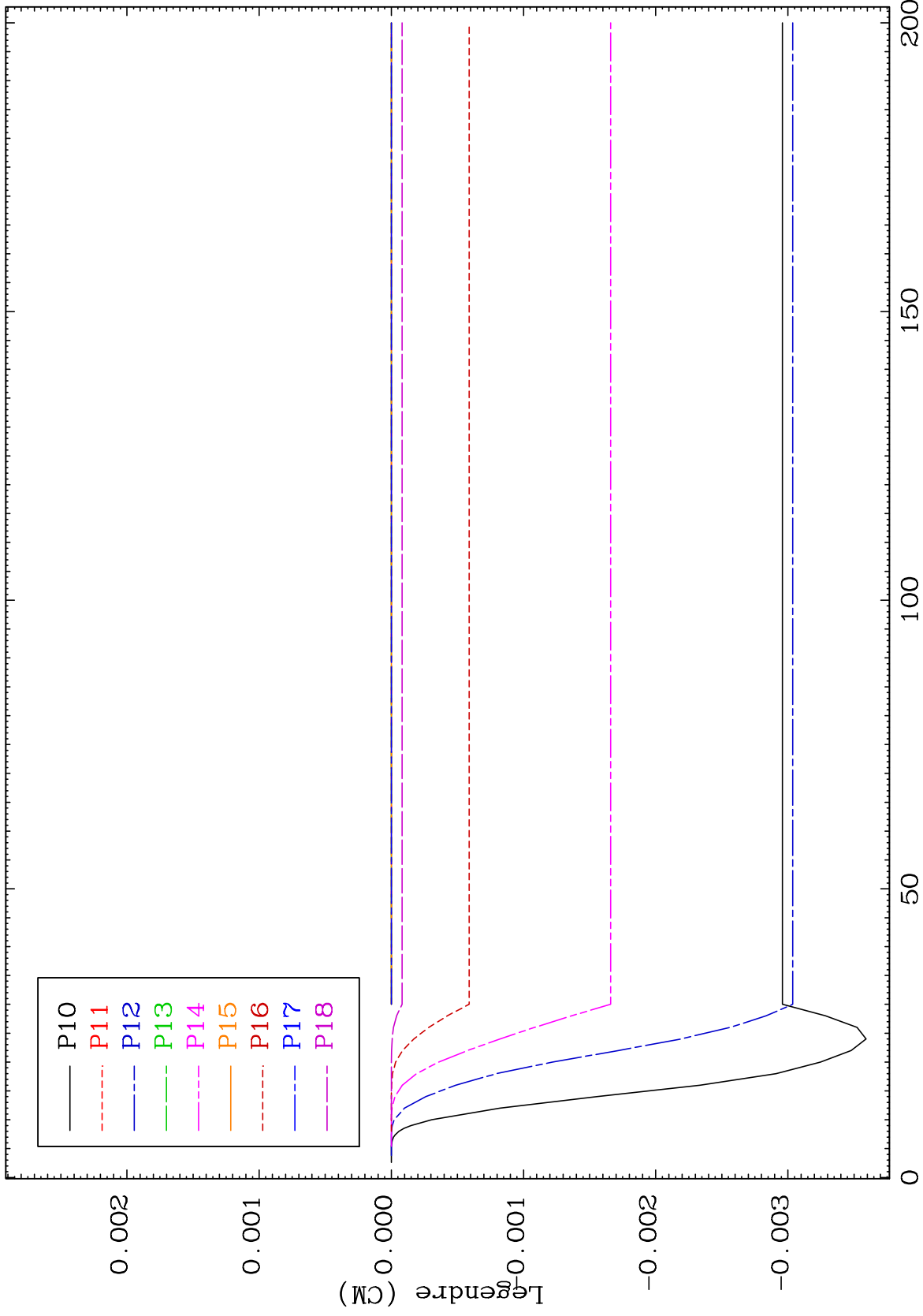
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



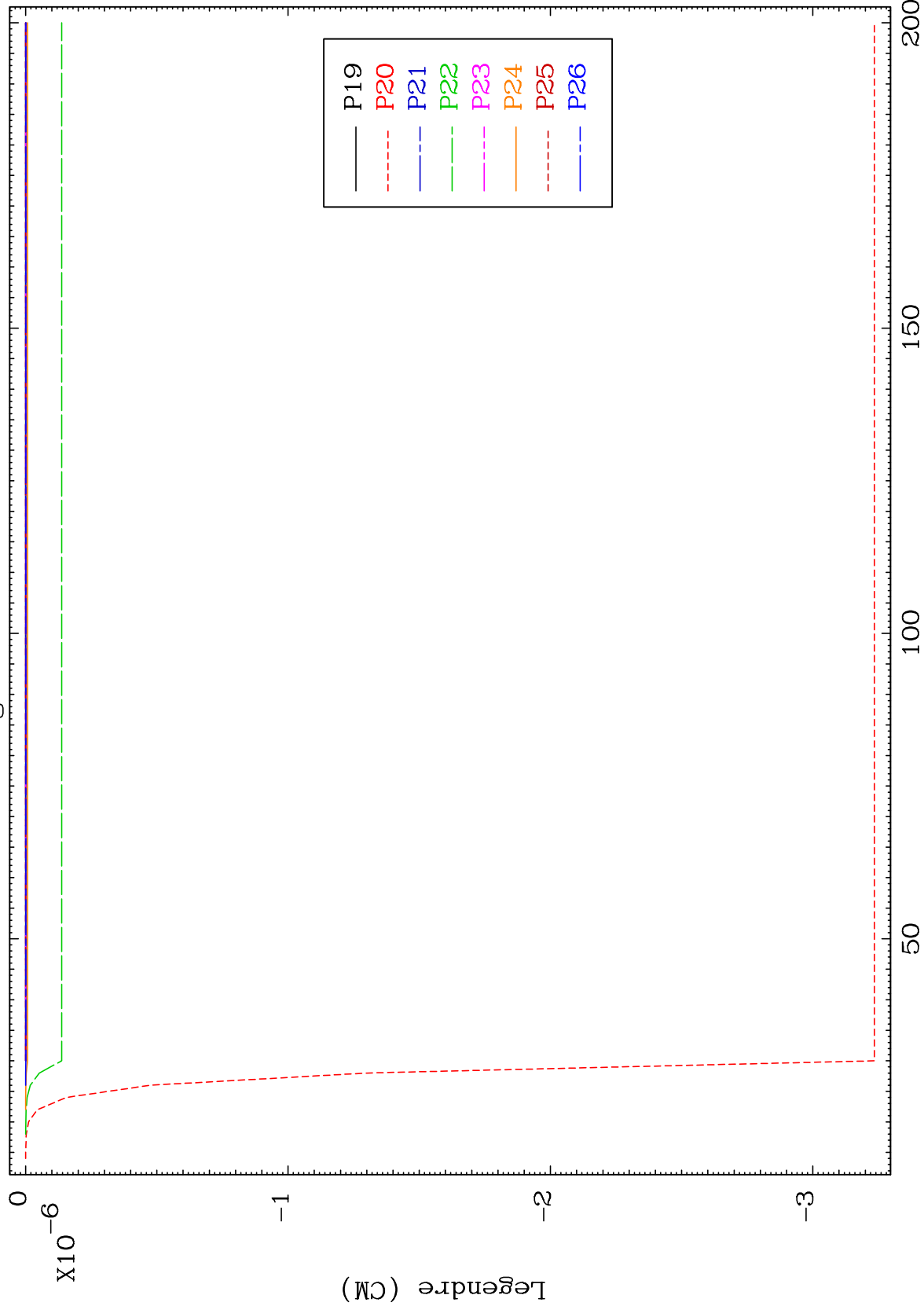
78

Incident Energy (MeV)

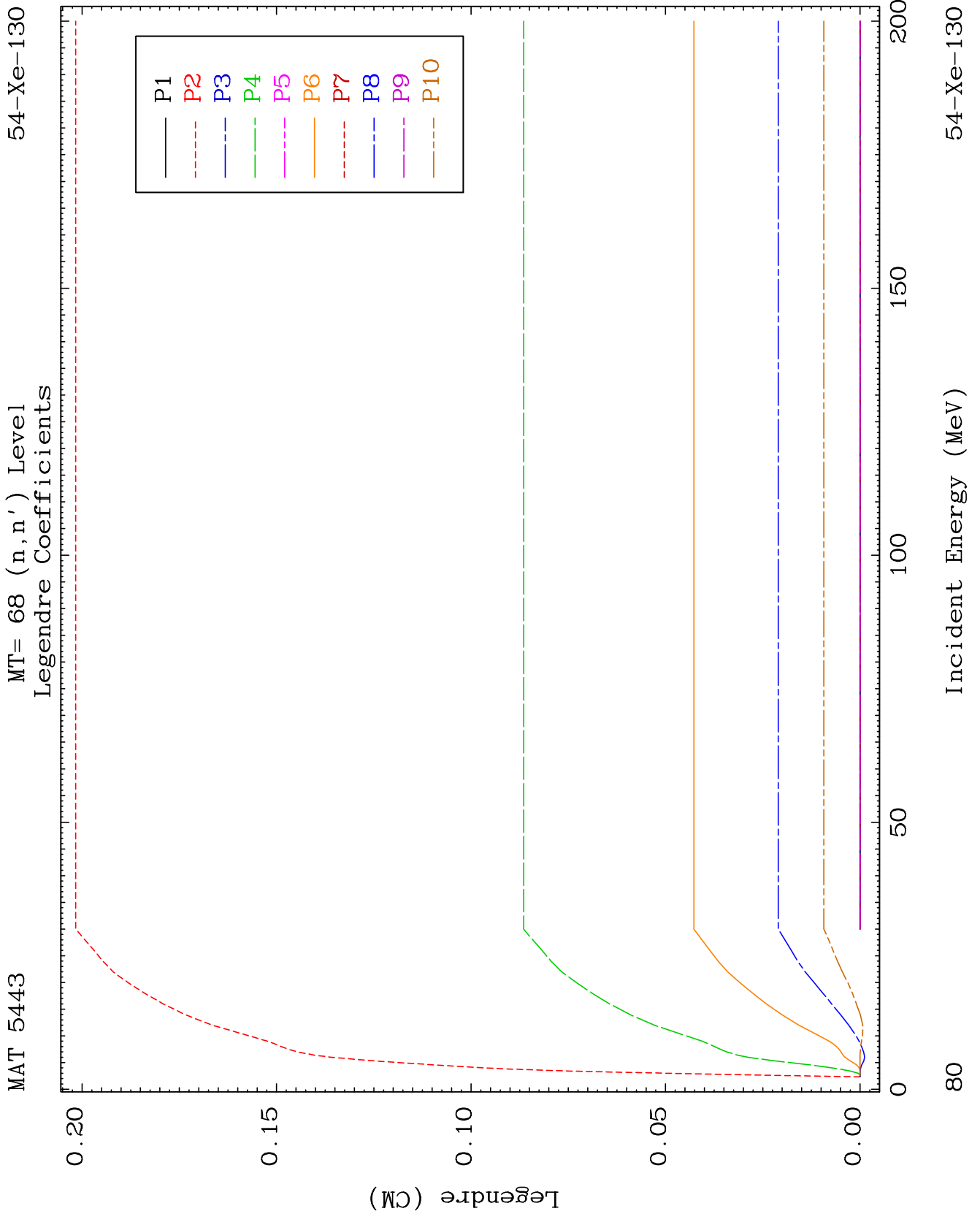
54-Xe-130

MAT 5443 MT= 67 (n,n') Level 54-Xe-130

Legendre Coefficients



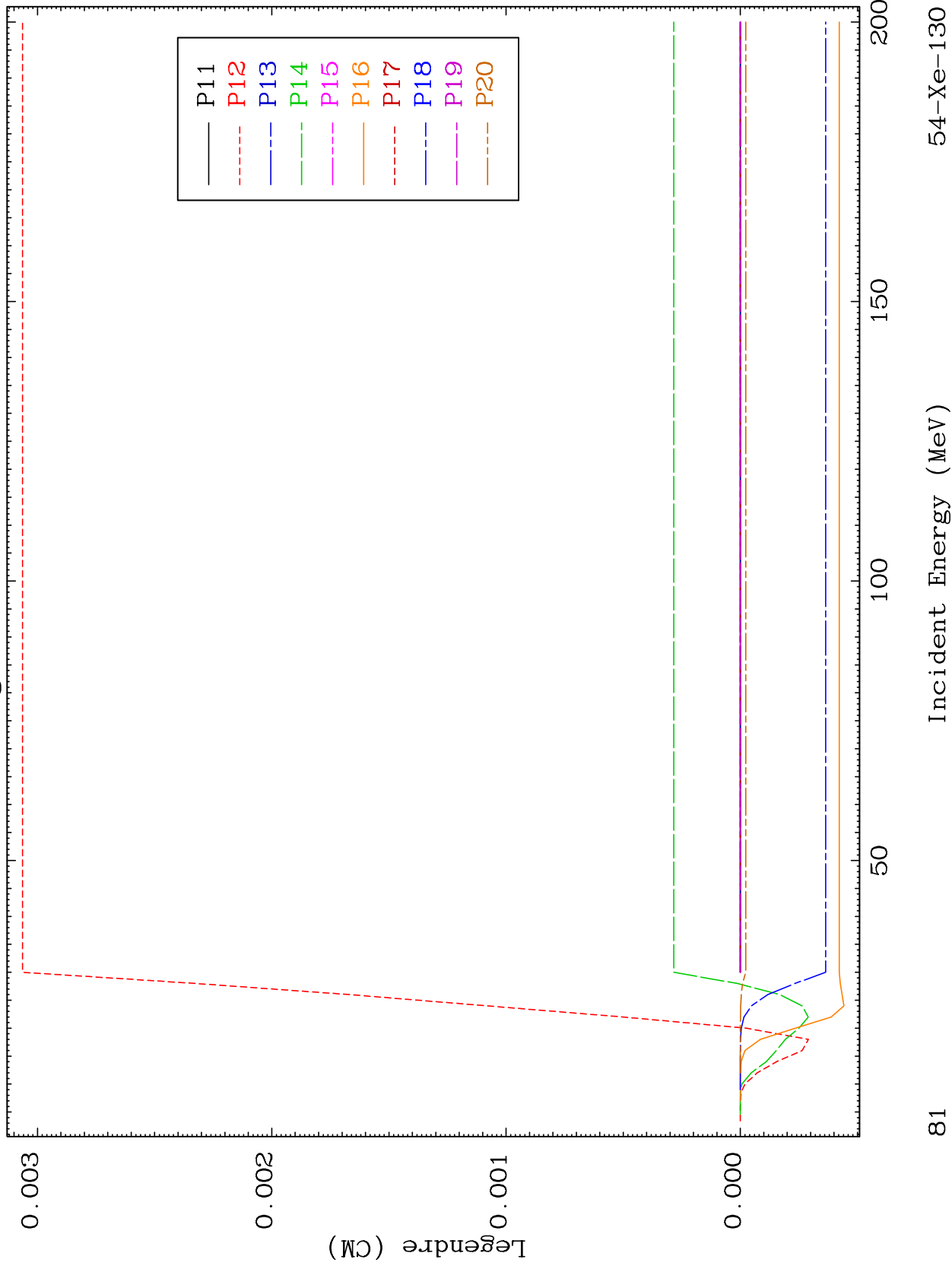
79 54-Xe-130



MAT 5443

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

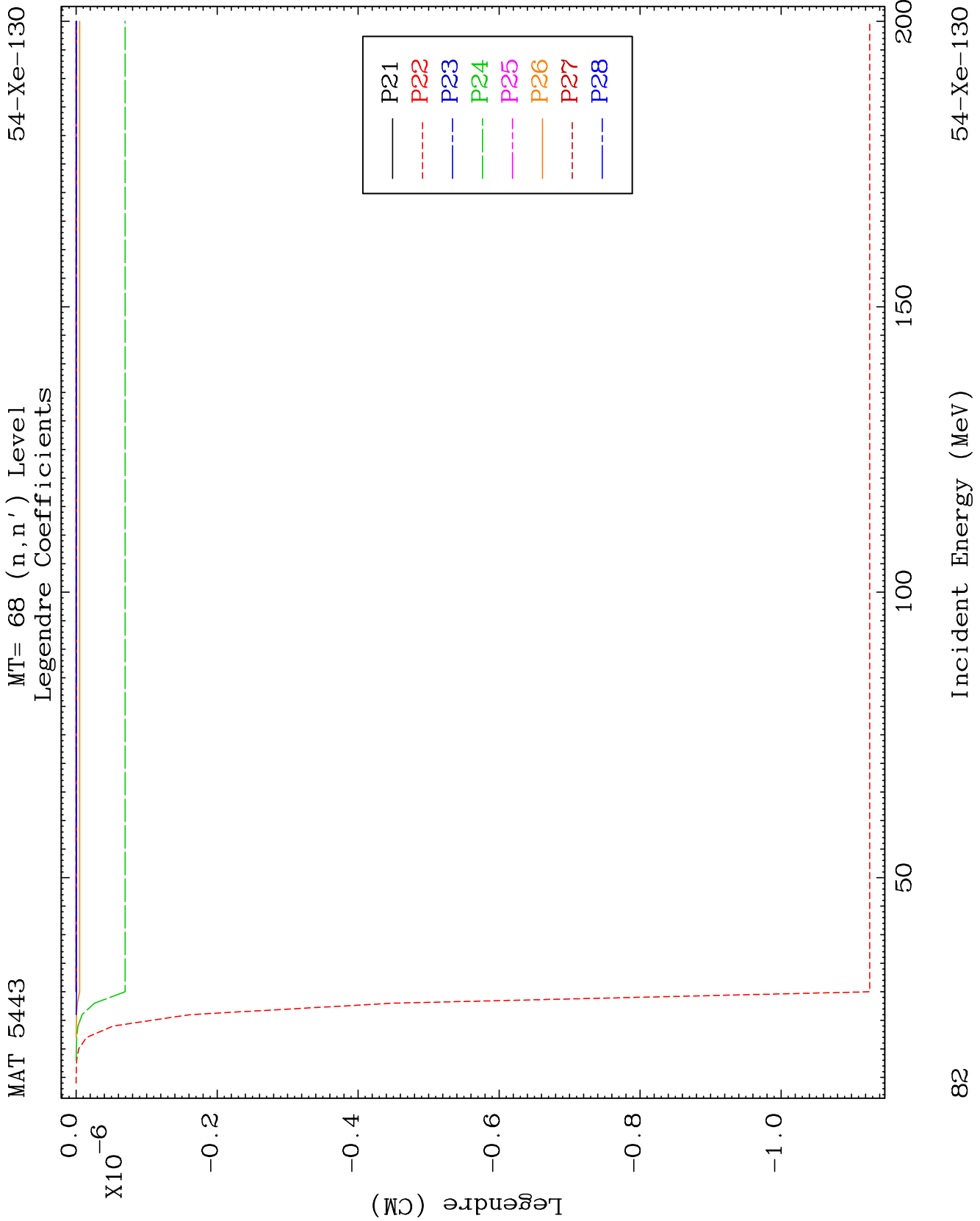
54-Xe-130



81

Incident Energy (MeV)

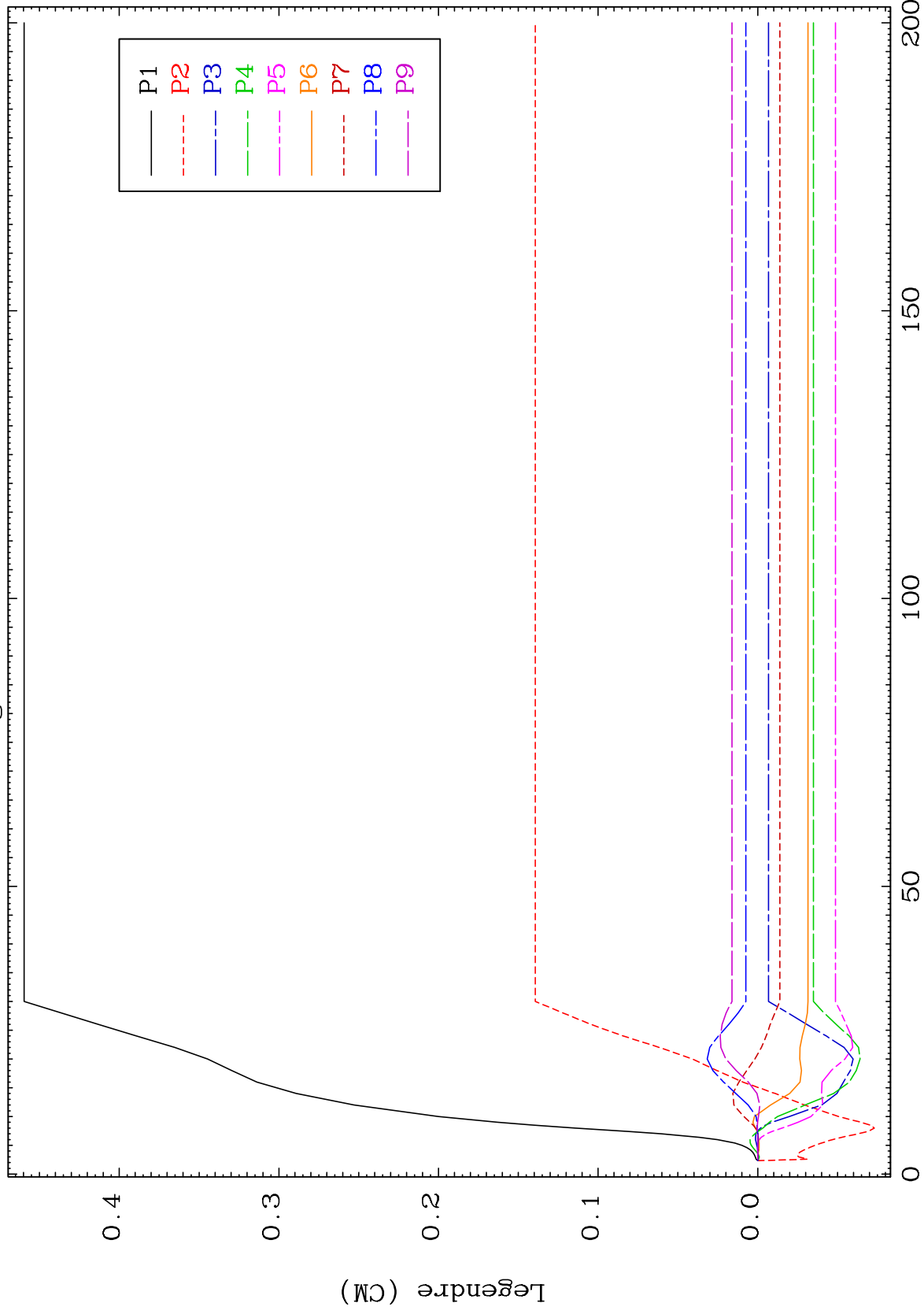
54-Xe-130



MAT 5443

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

54-Xe-130



83

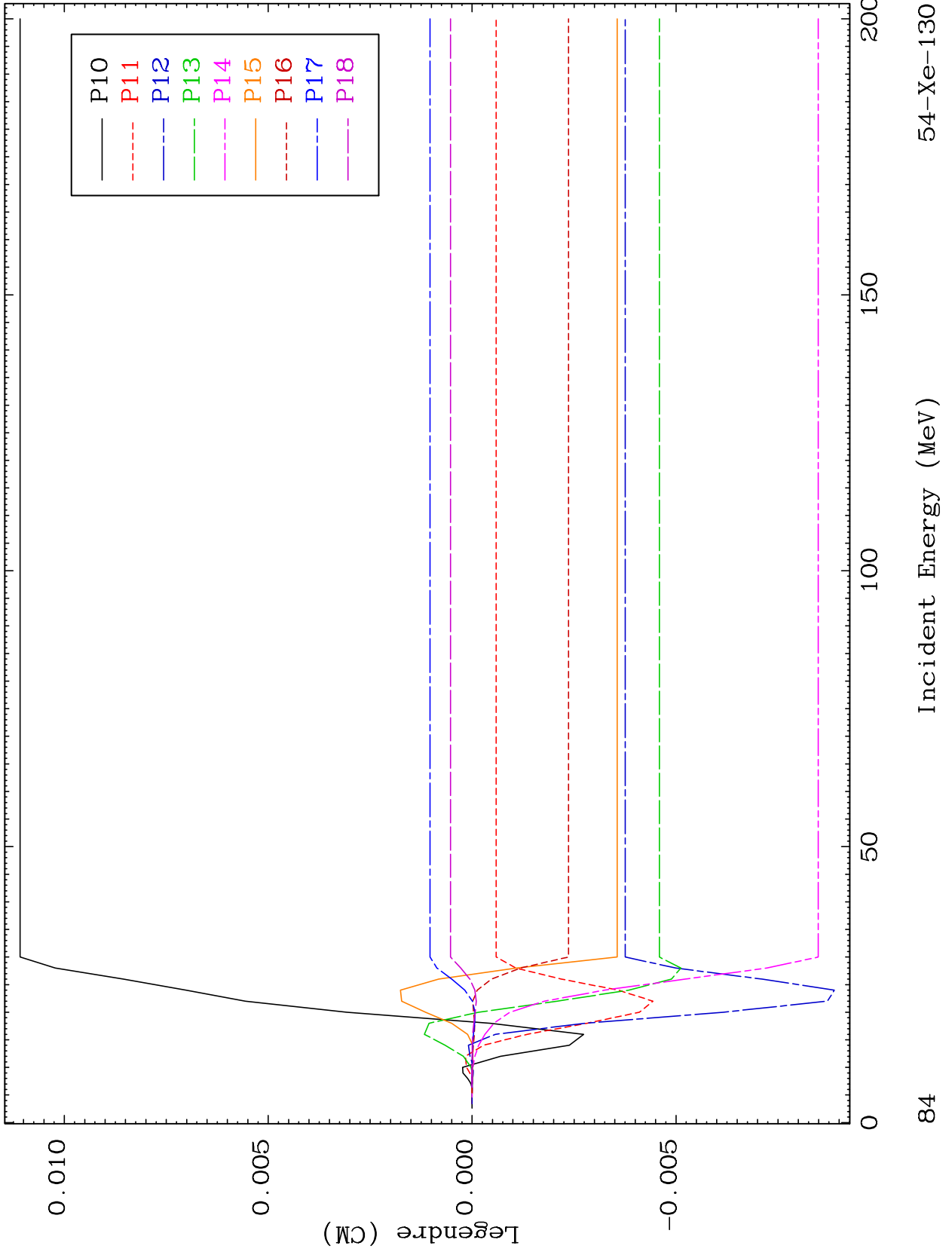
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



84

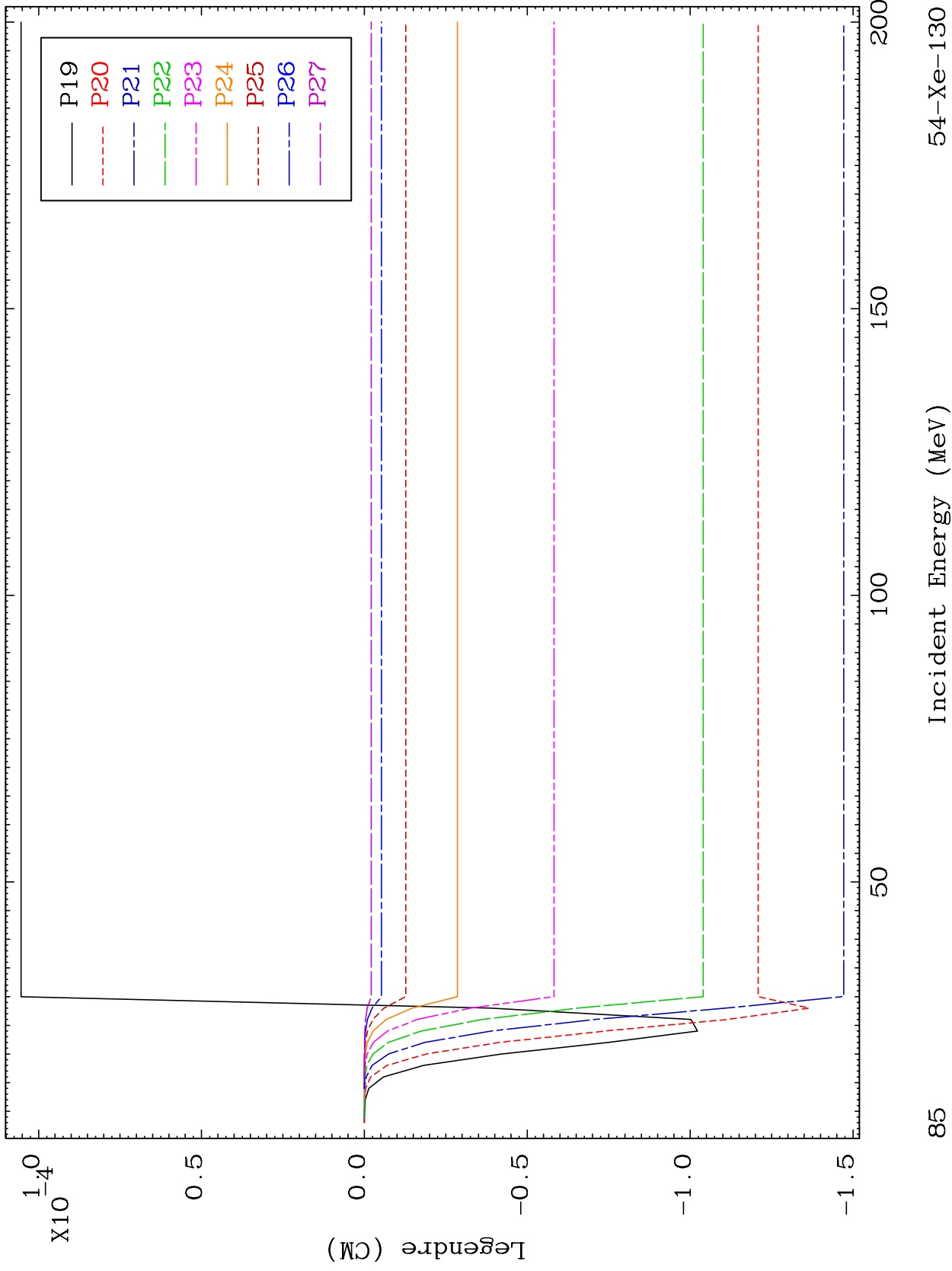
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



85

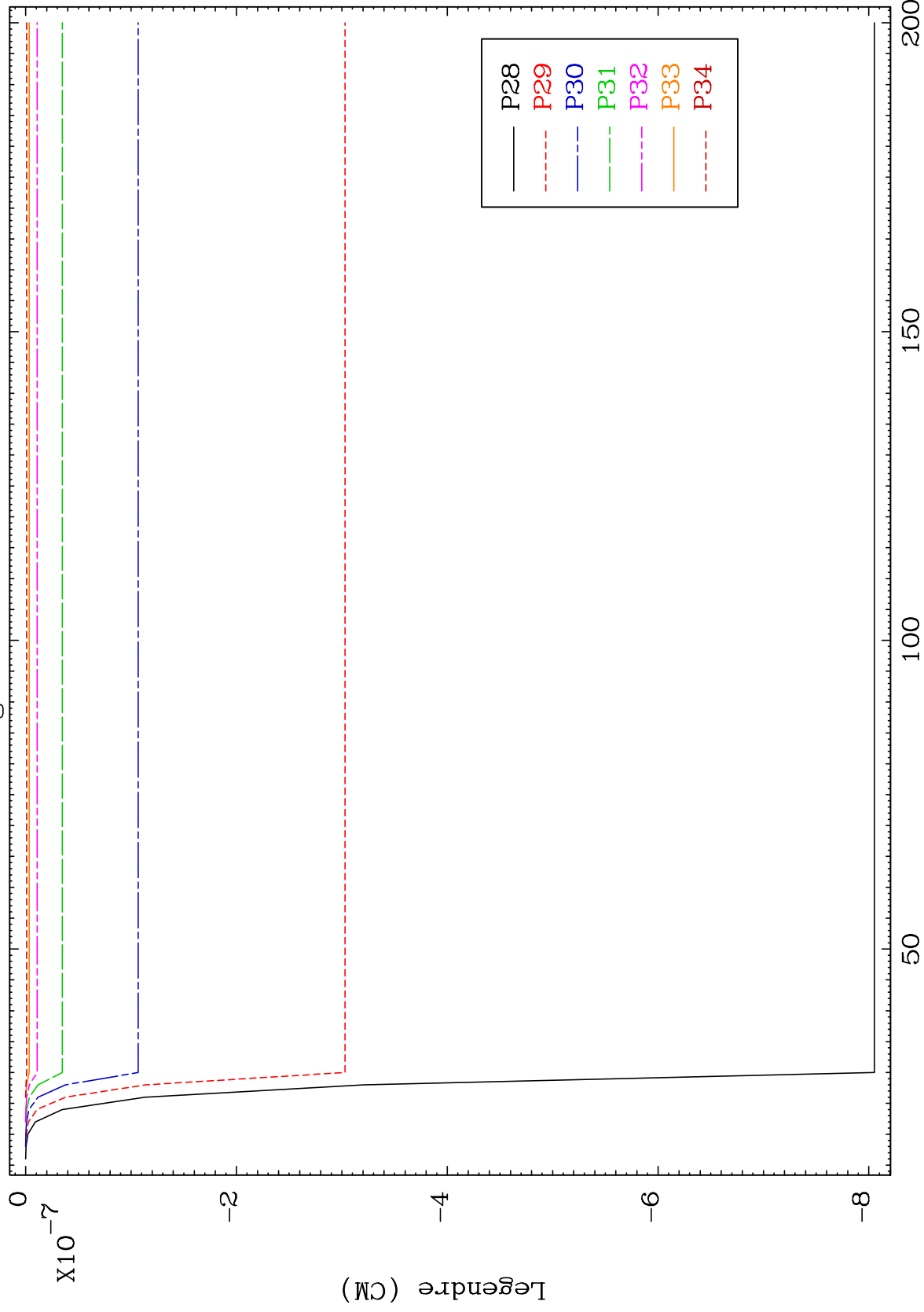
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



86

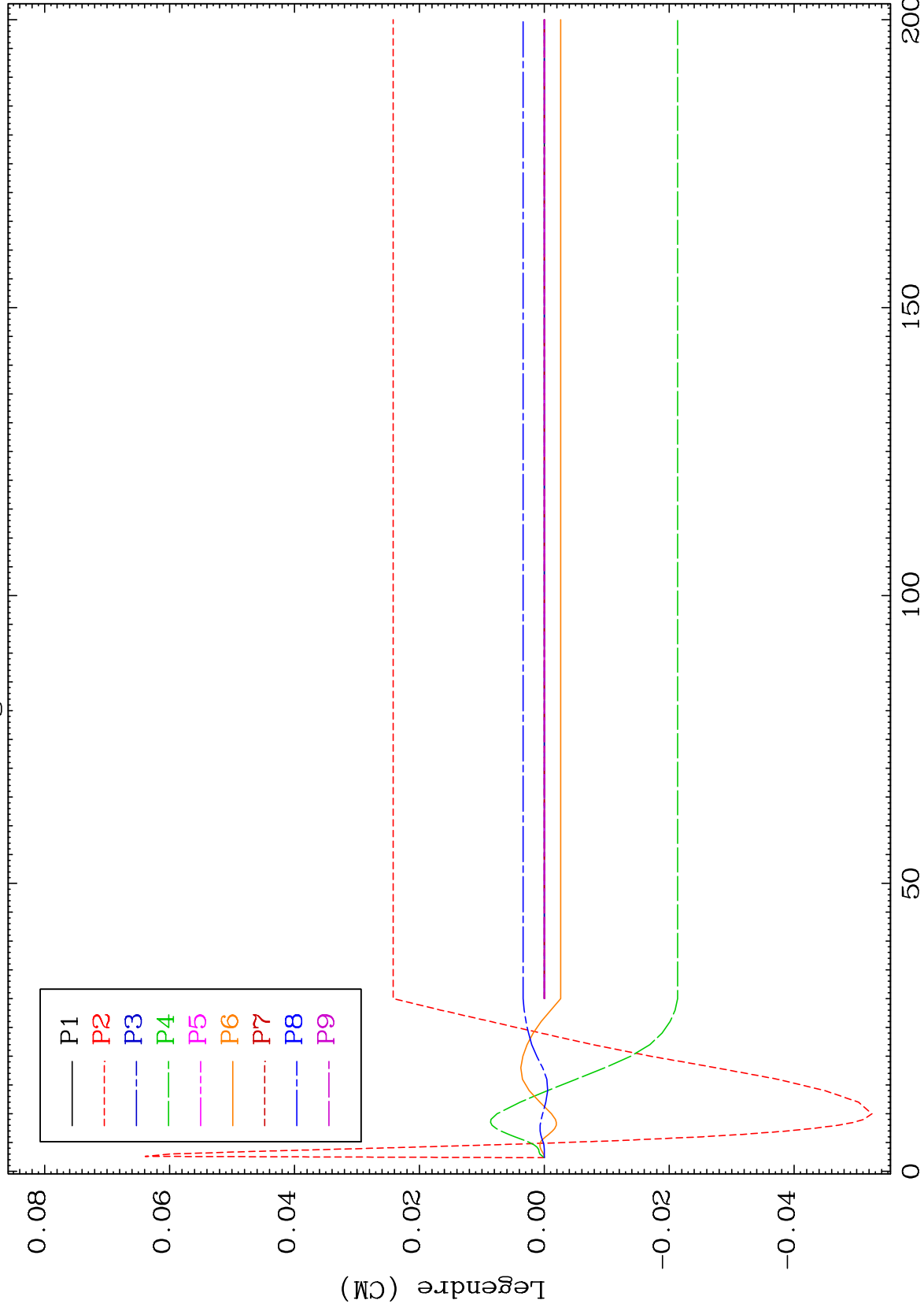
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



87

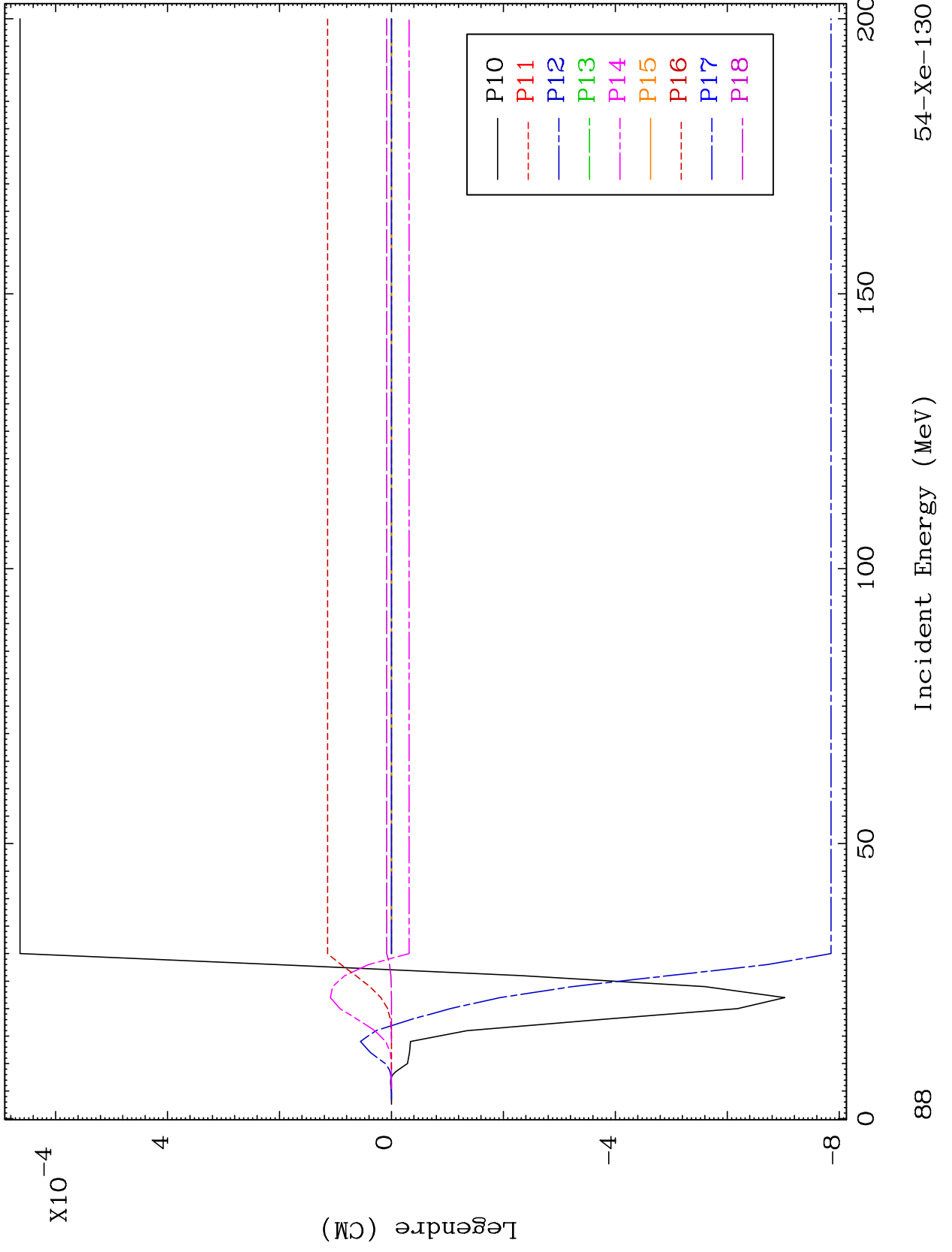
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



54-Xe-130

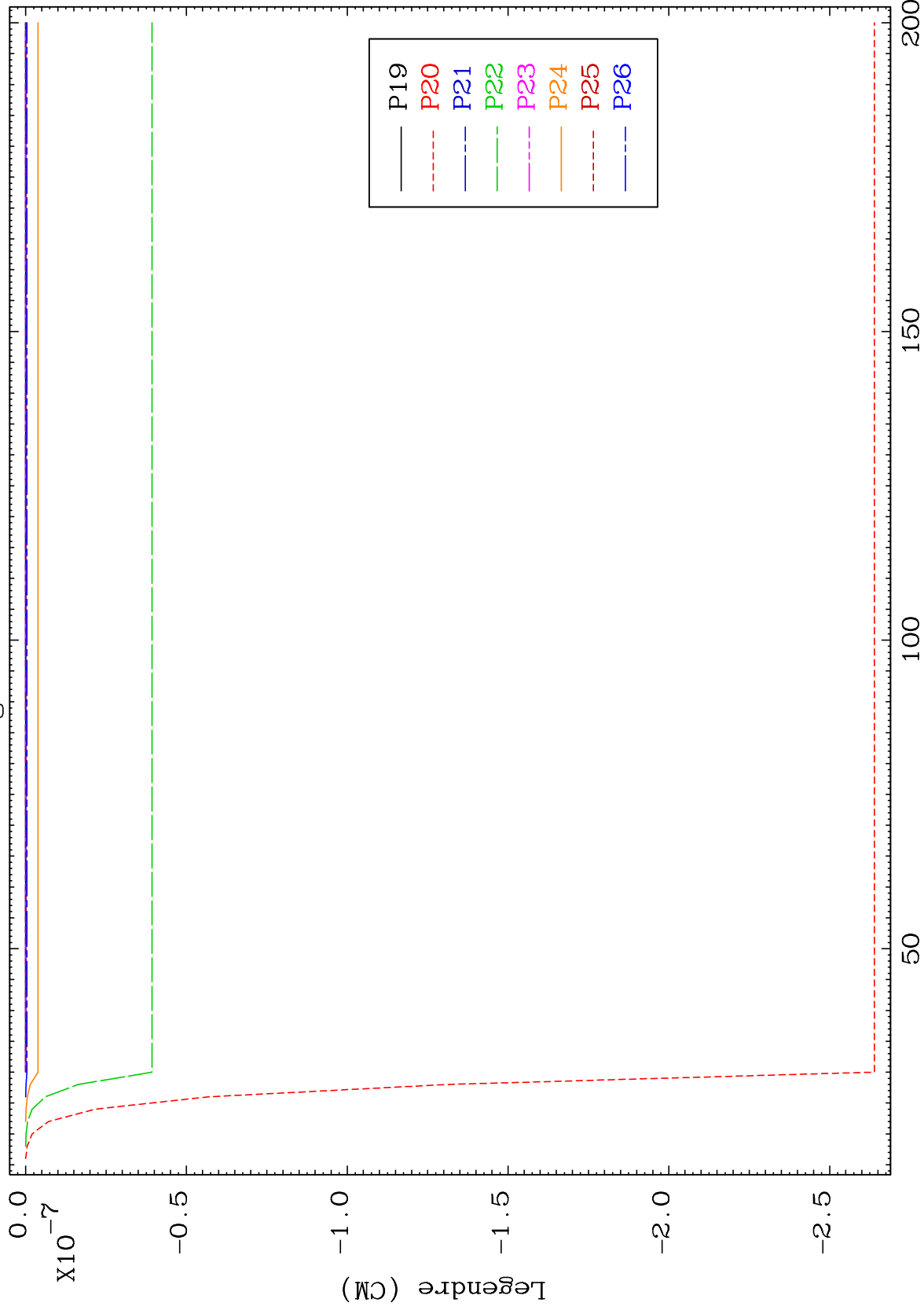
Incident Energy (MeV)

88

MAT 5443

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

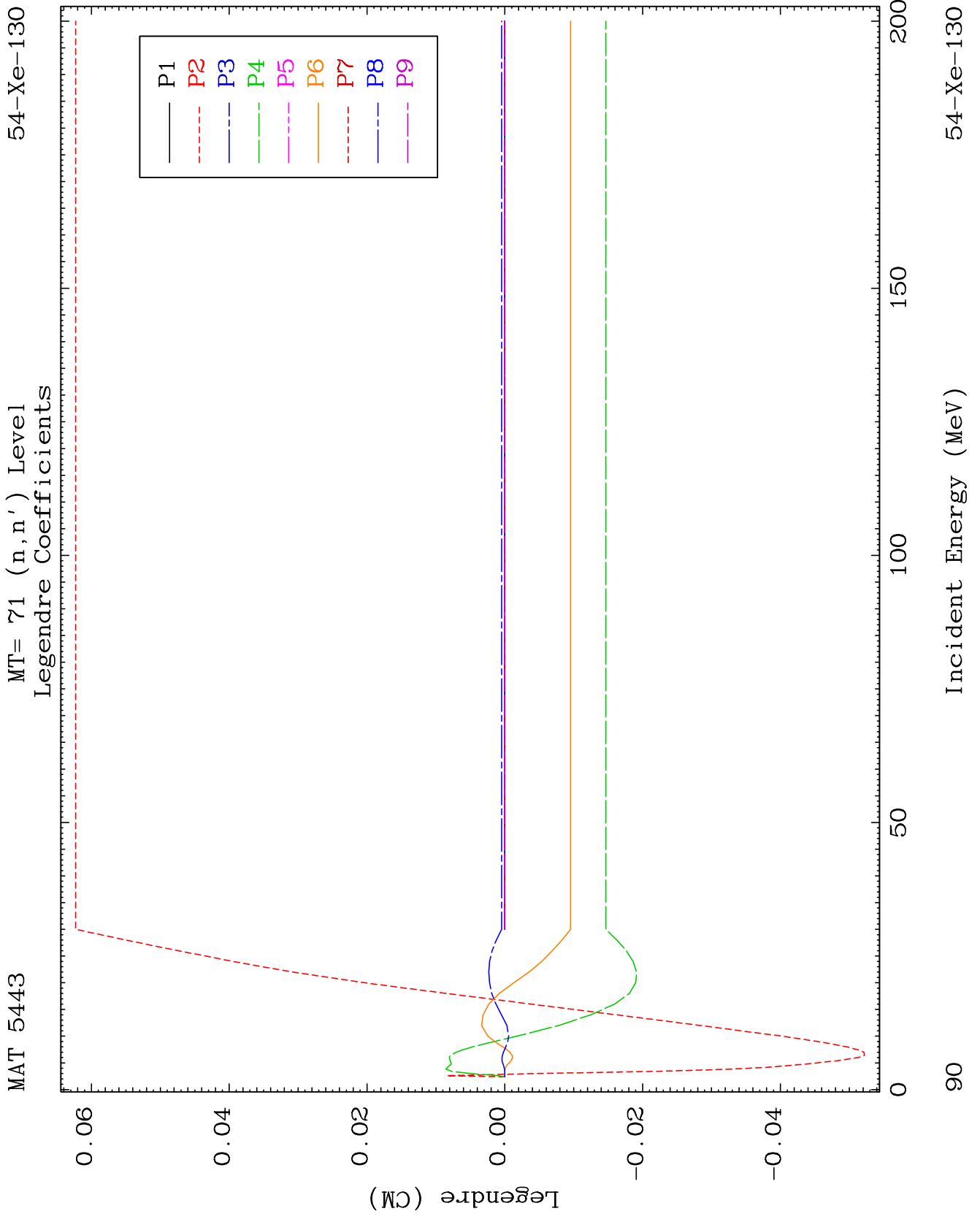
54-Xe-130



89

Incident Energy (MeV)

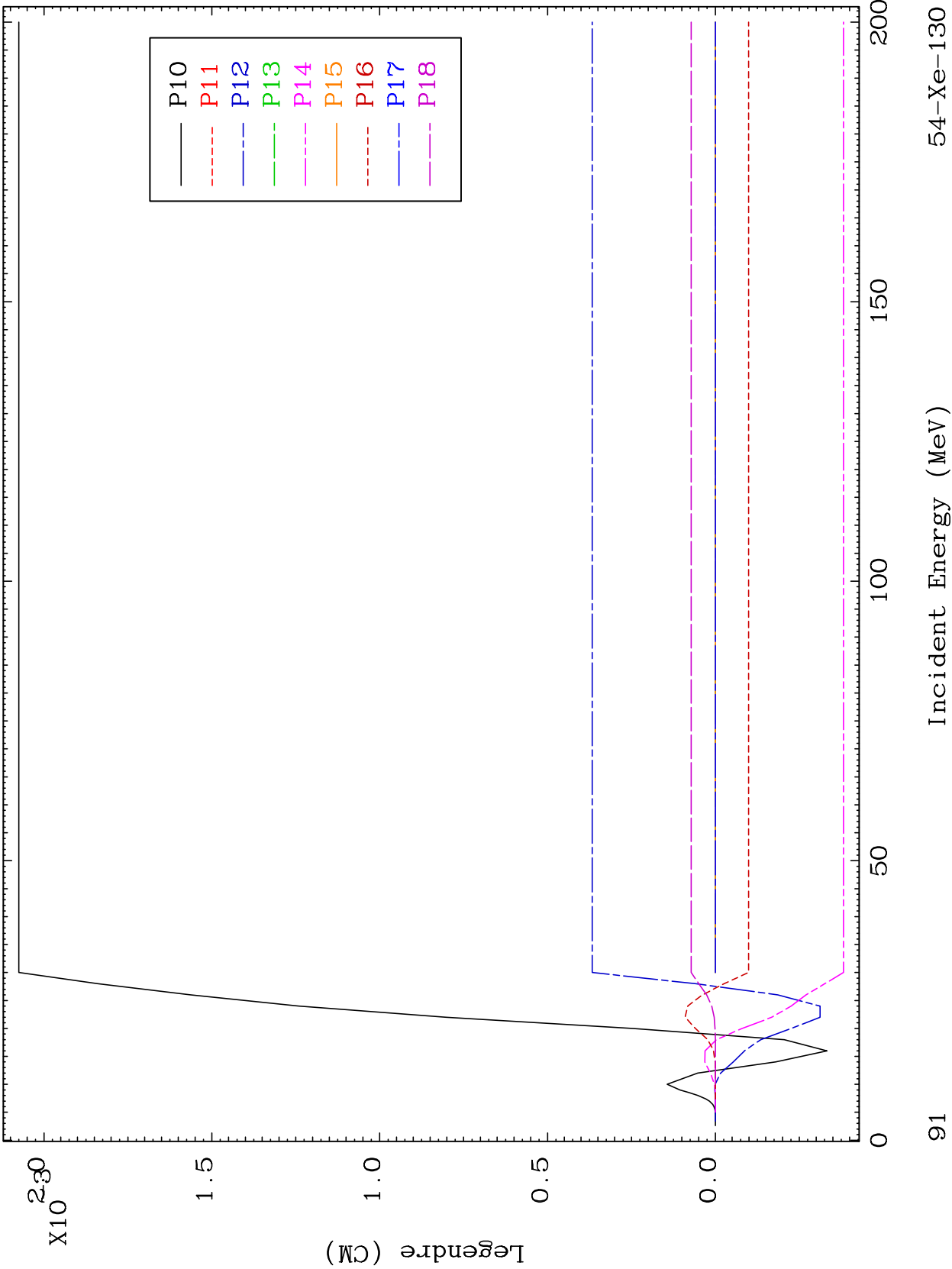
54-Xe-130



MAT 5443

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

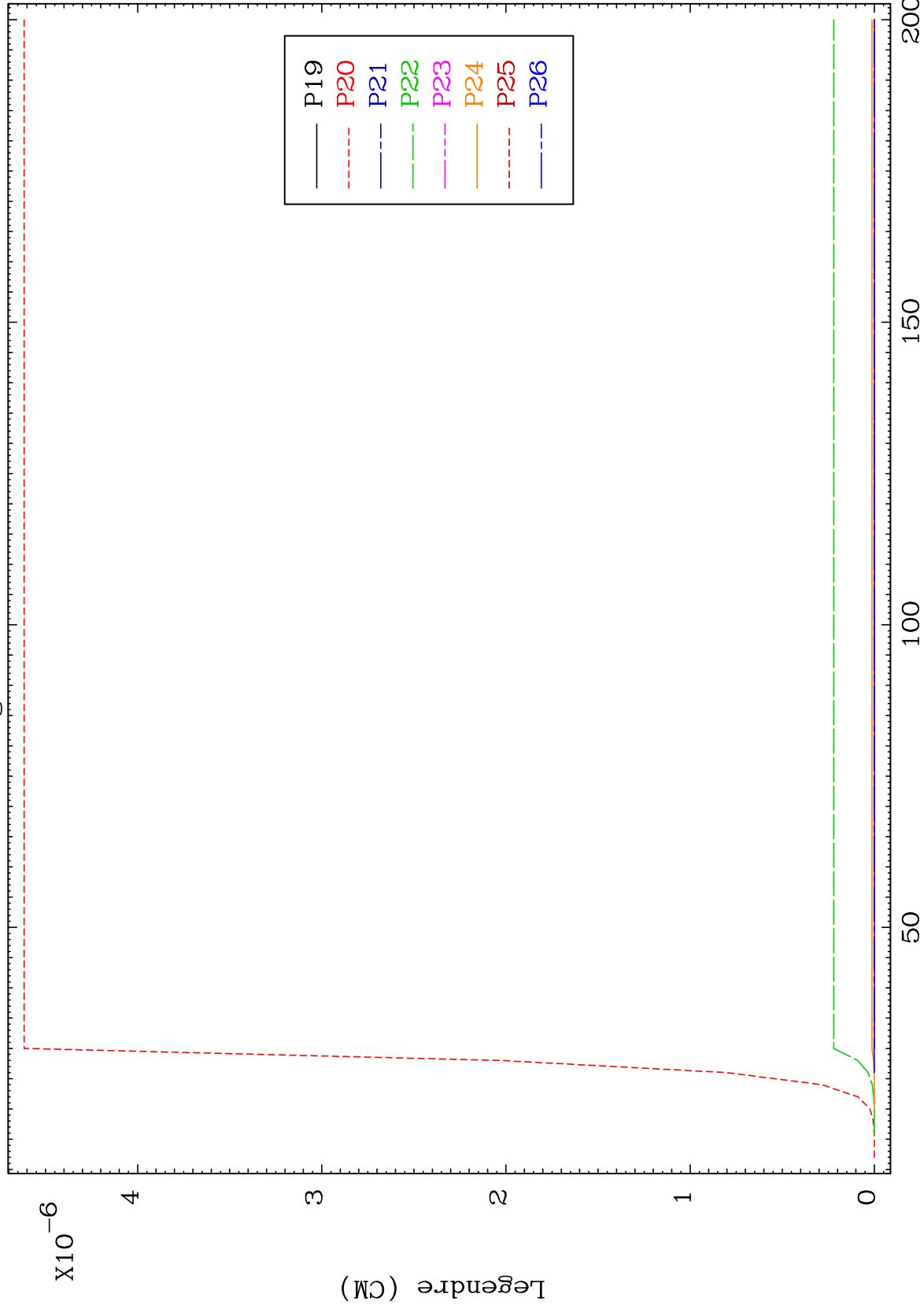
54-Xe-130



MAT 5443

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

54-Xe-130



92

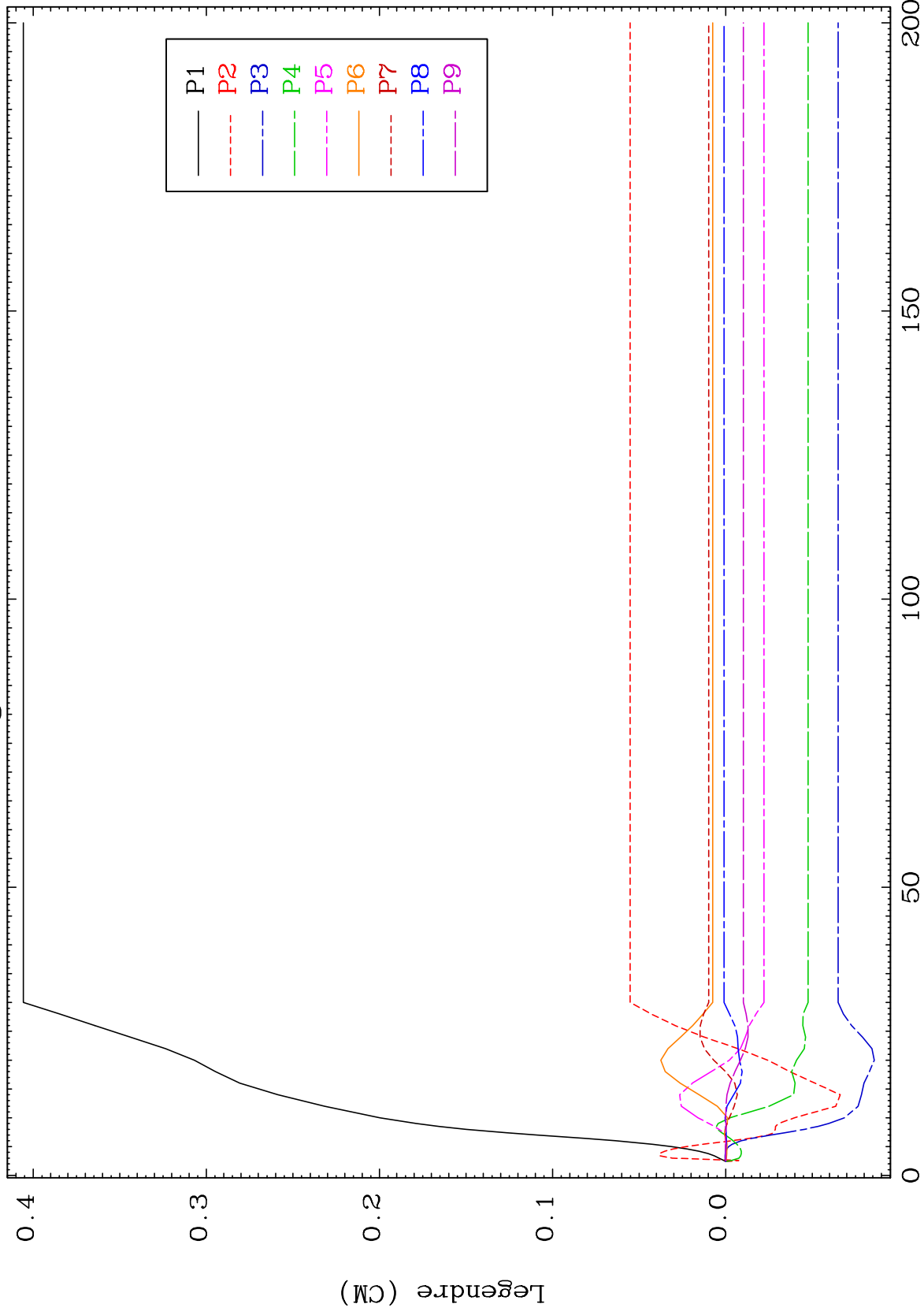
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



93

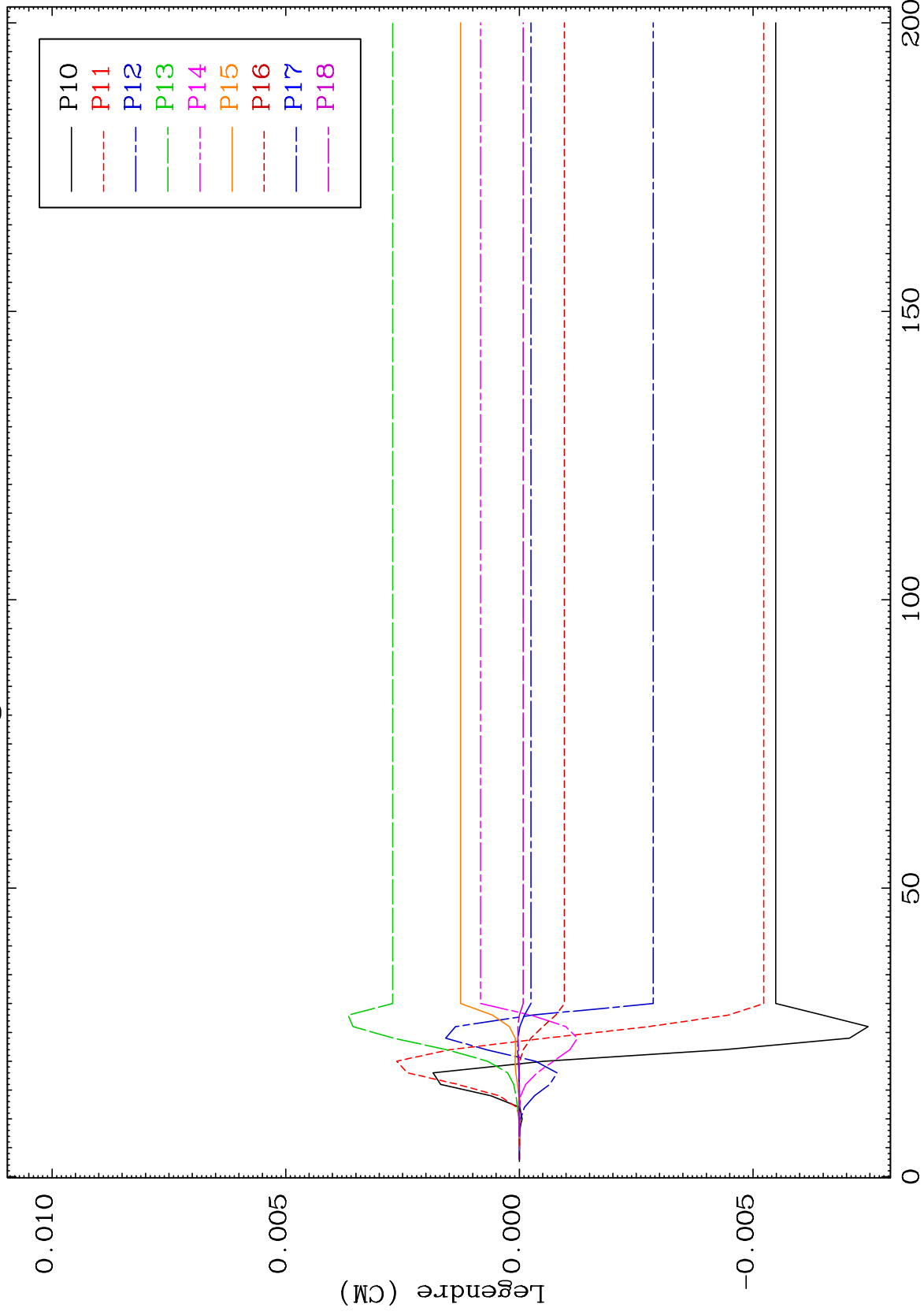
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



94

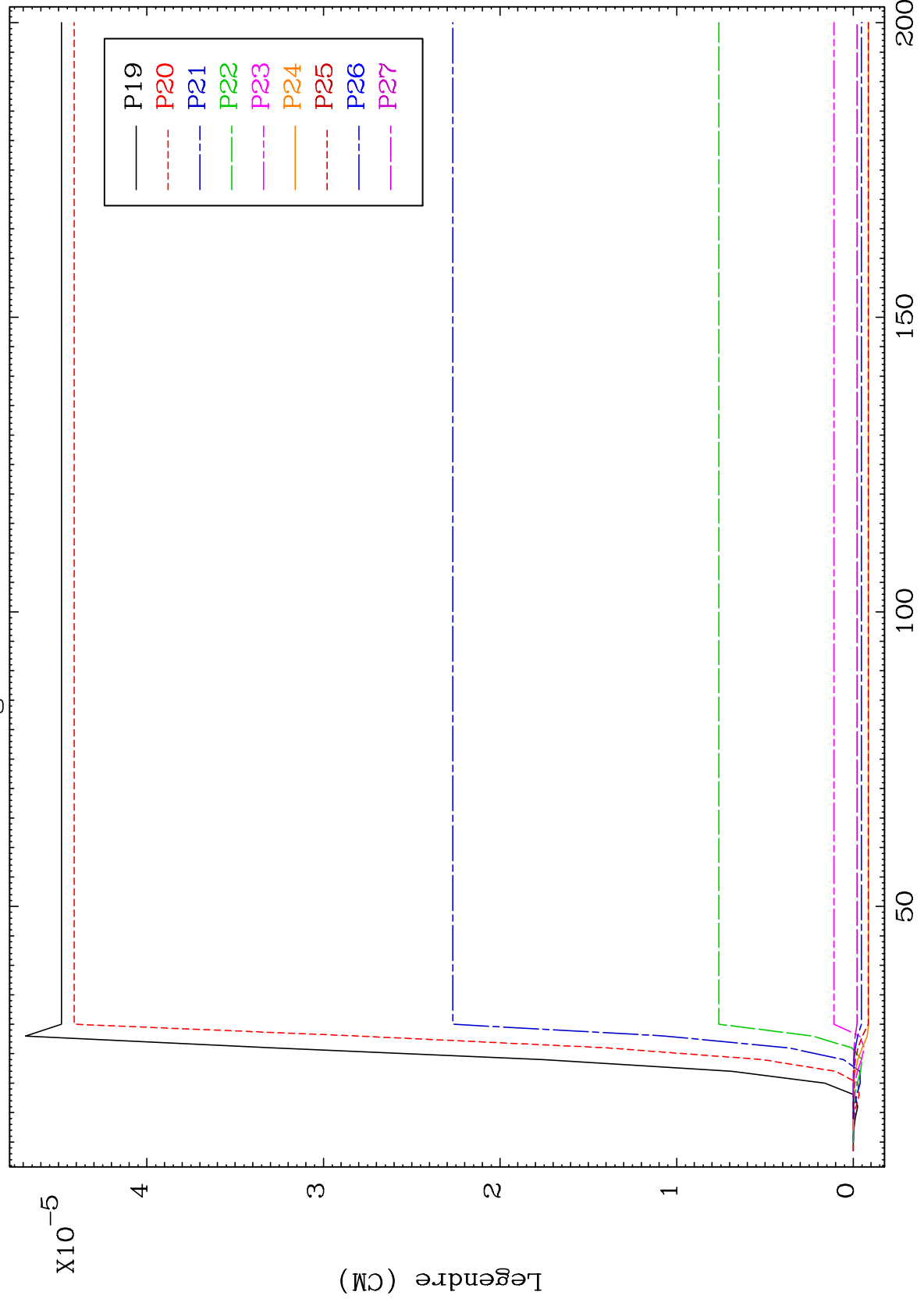
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



95

Incident Energy (MeV)

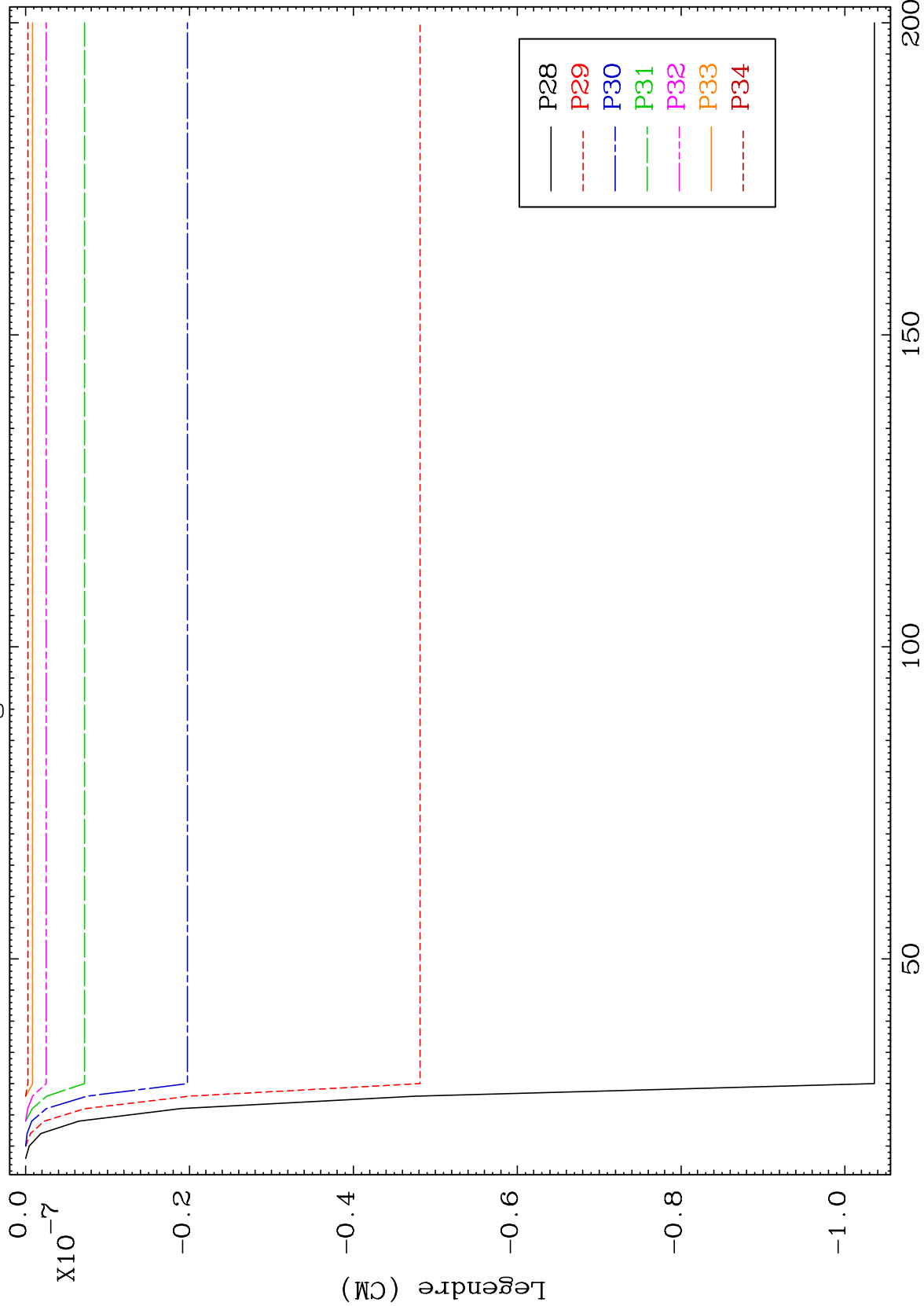
54-Xe-130

MAT 5443

MT= 72 (n,n') Level

54-Xe-130

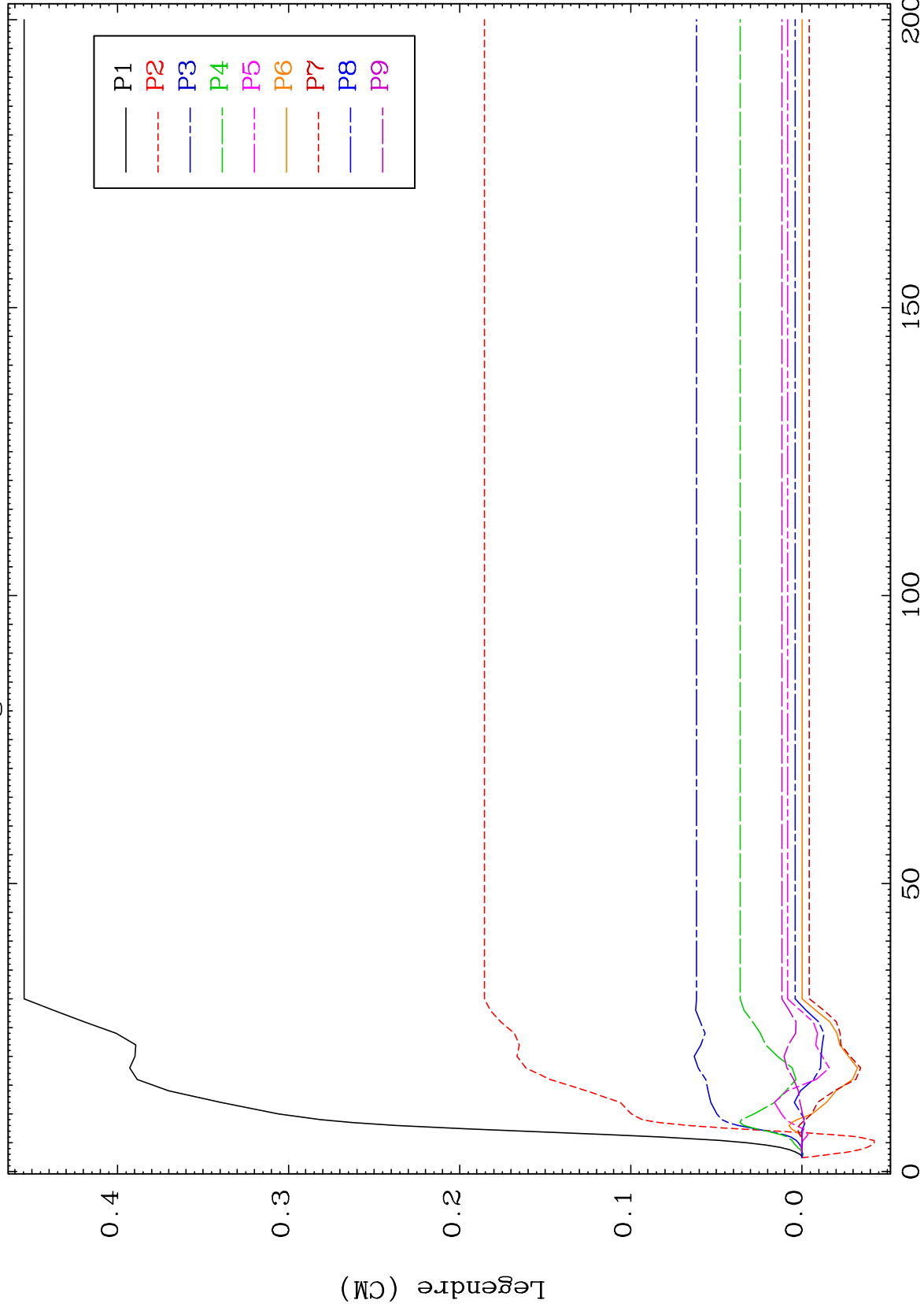
Legendre Coefficients



MAT 5443

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

54-Xe-130



97

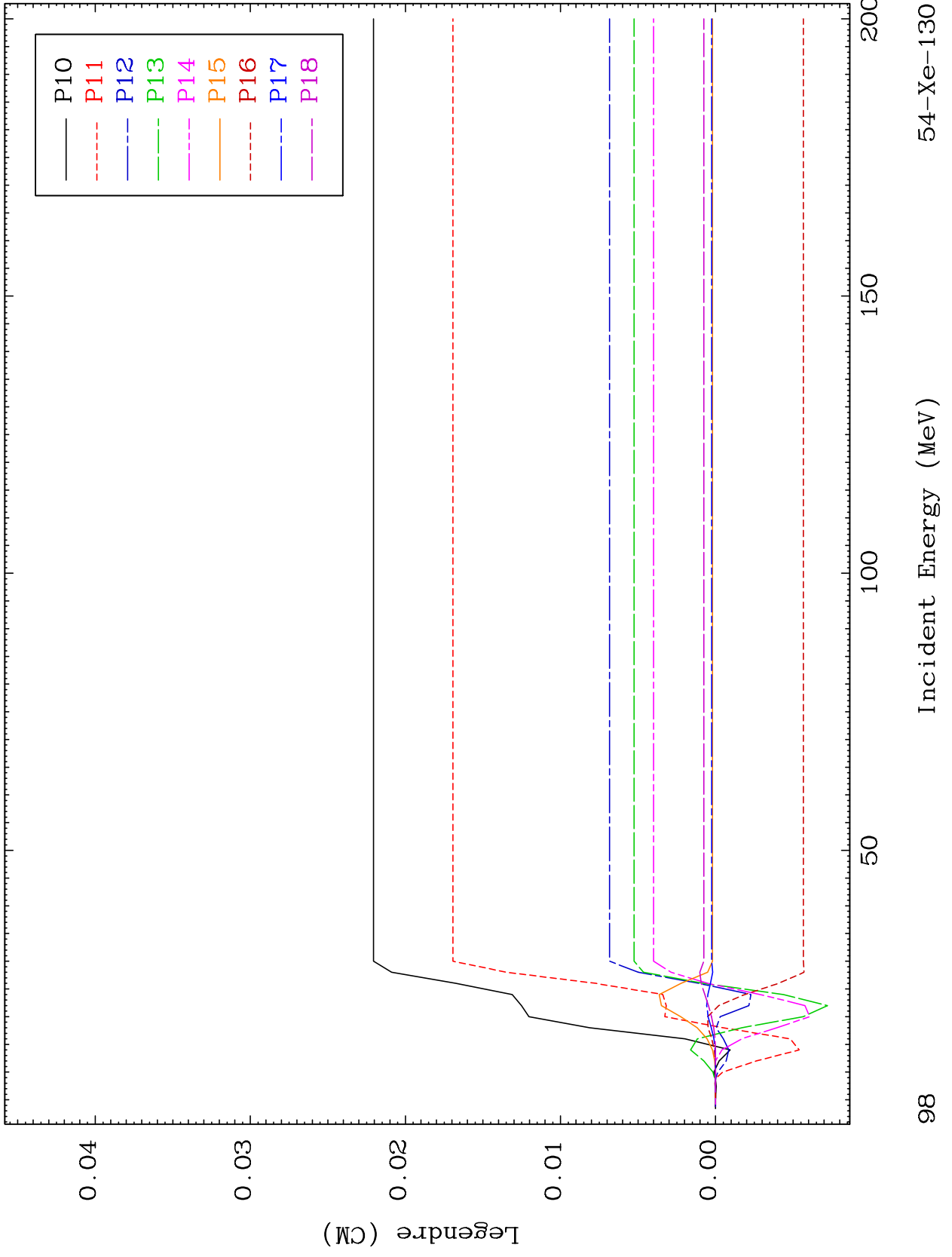
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



98

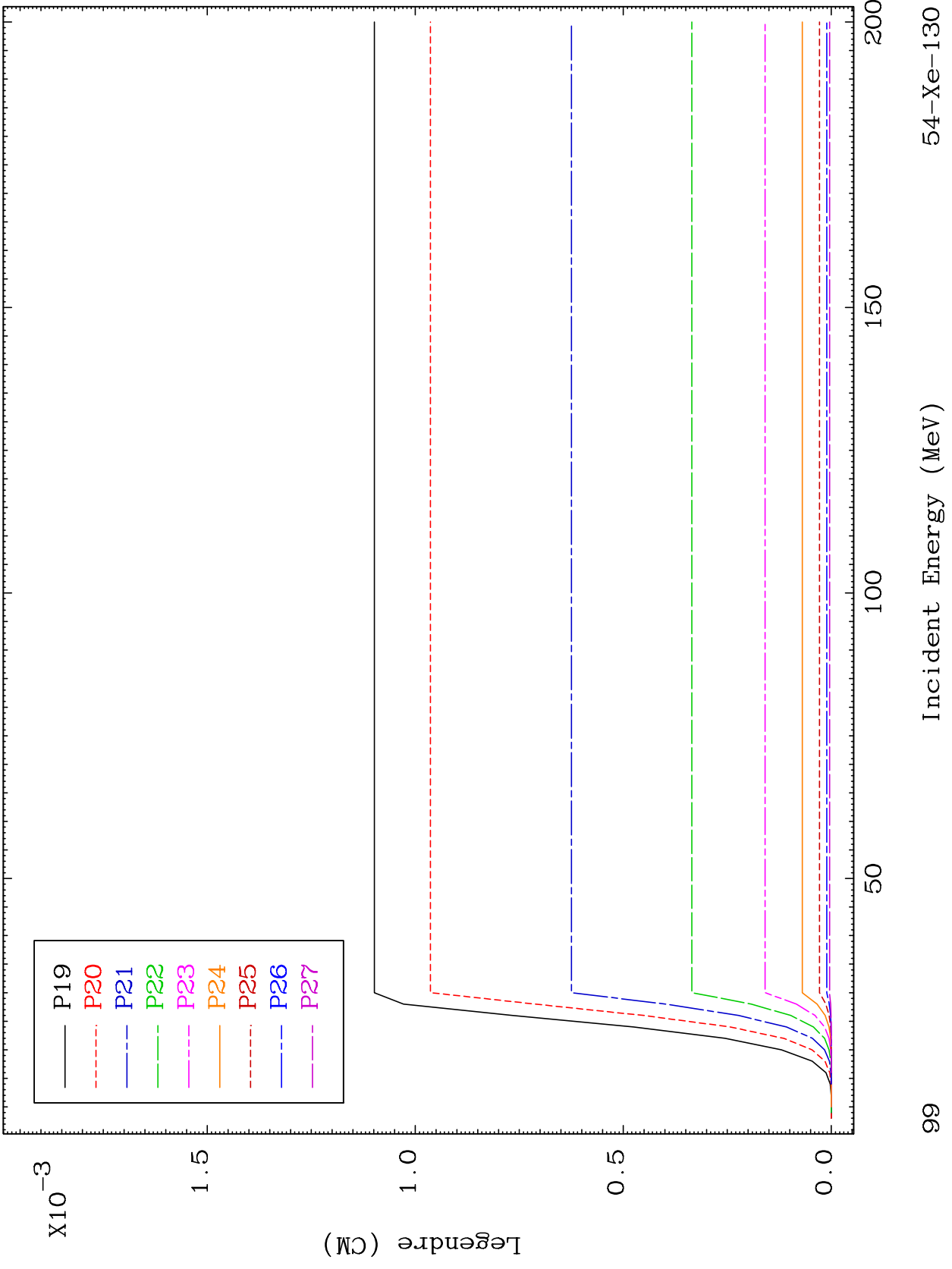
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

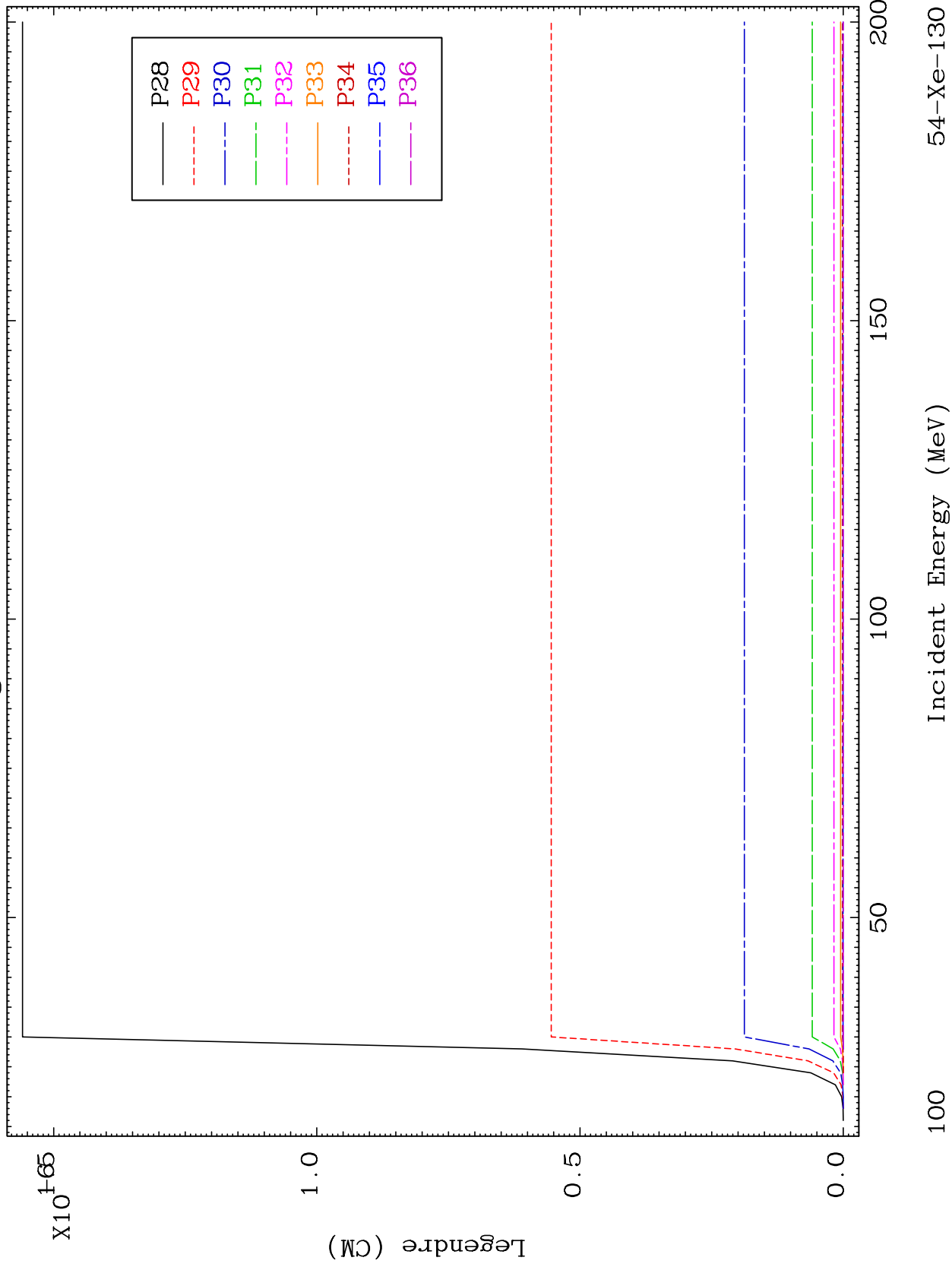
54-Xe-130



MAT 5443

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

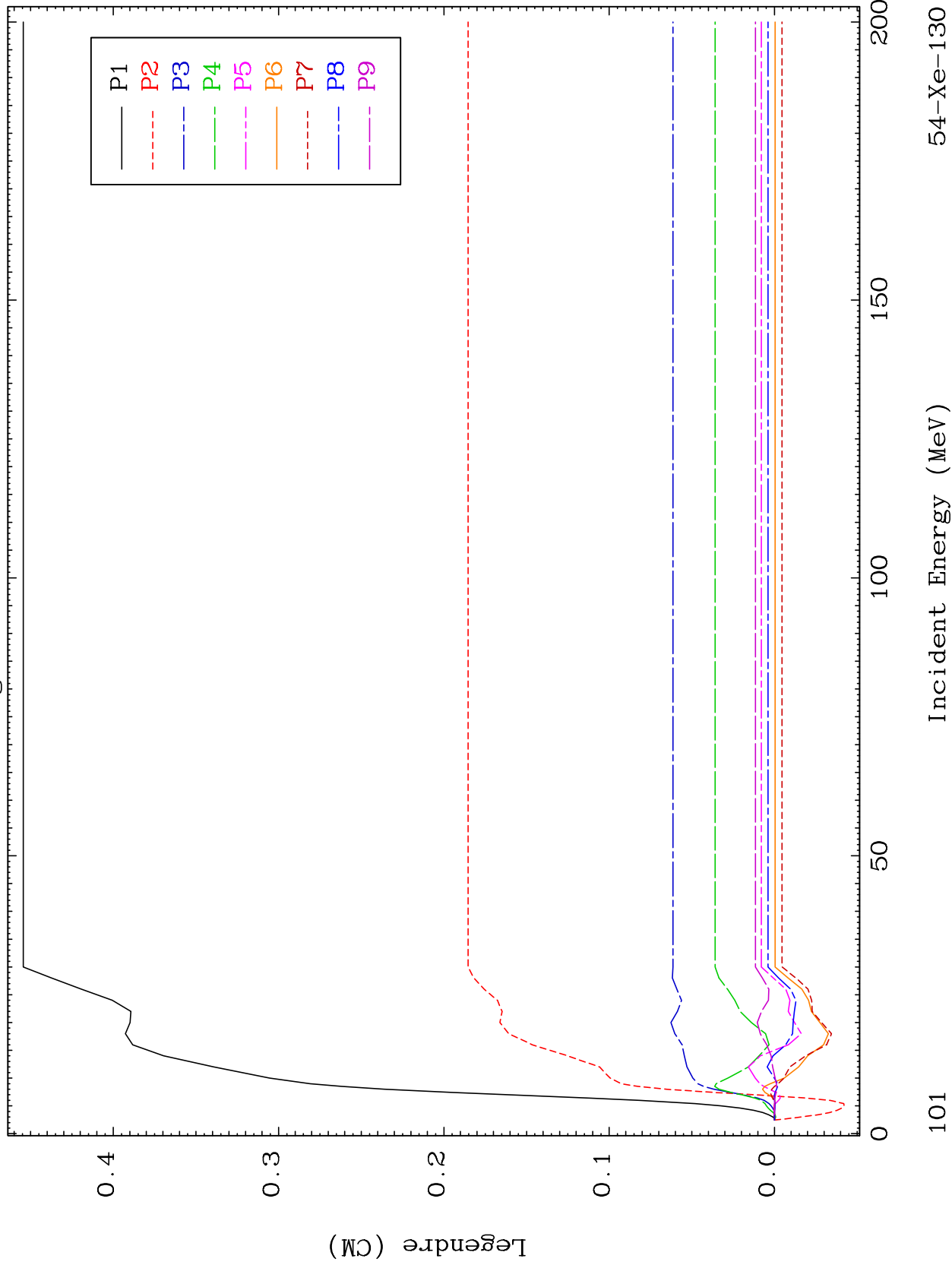
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

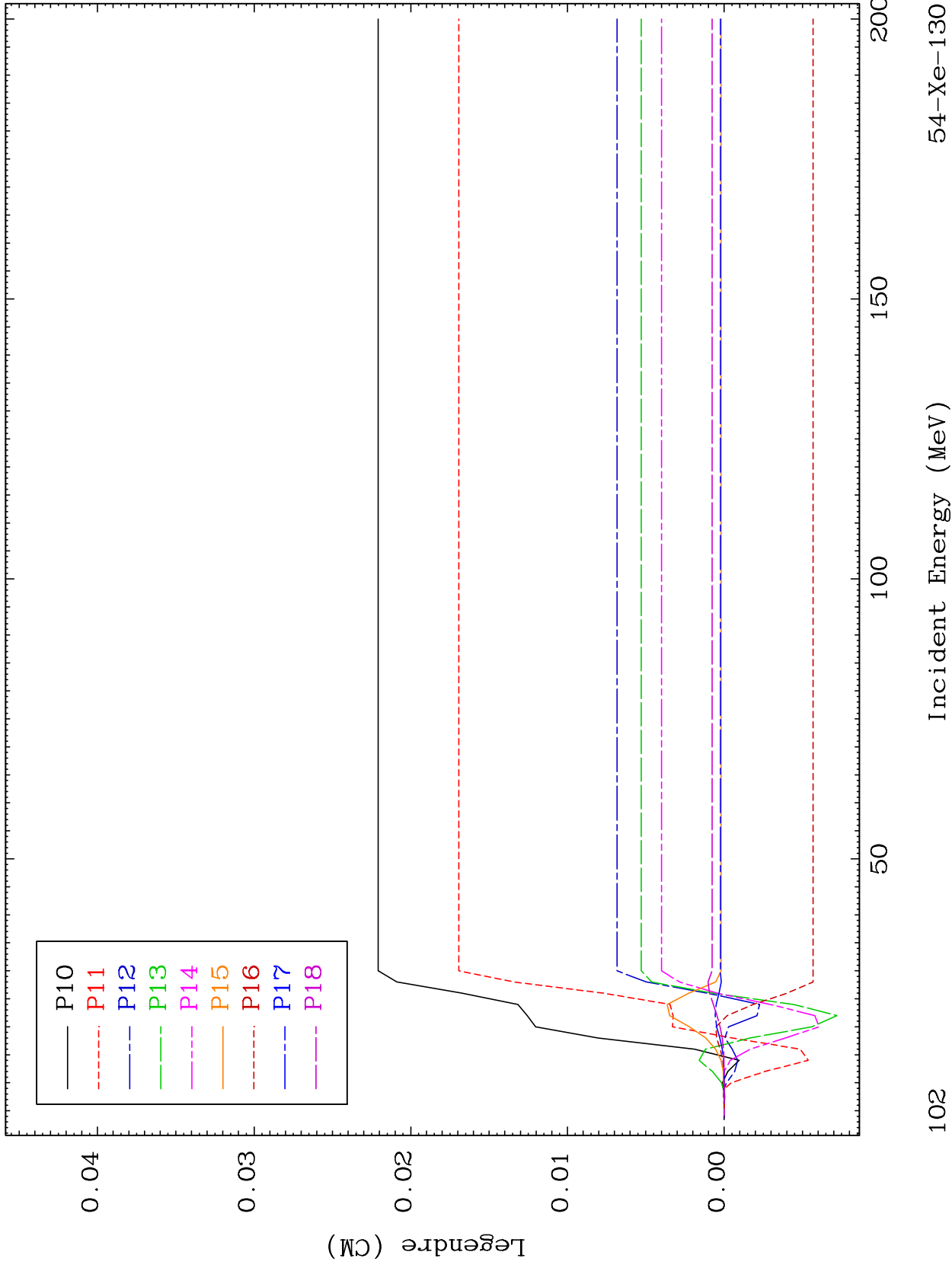
Incident Energy (MeV)

101

MAT 5443

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

54-Xe-130

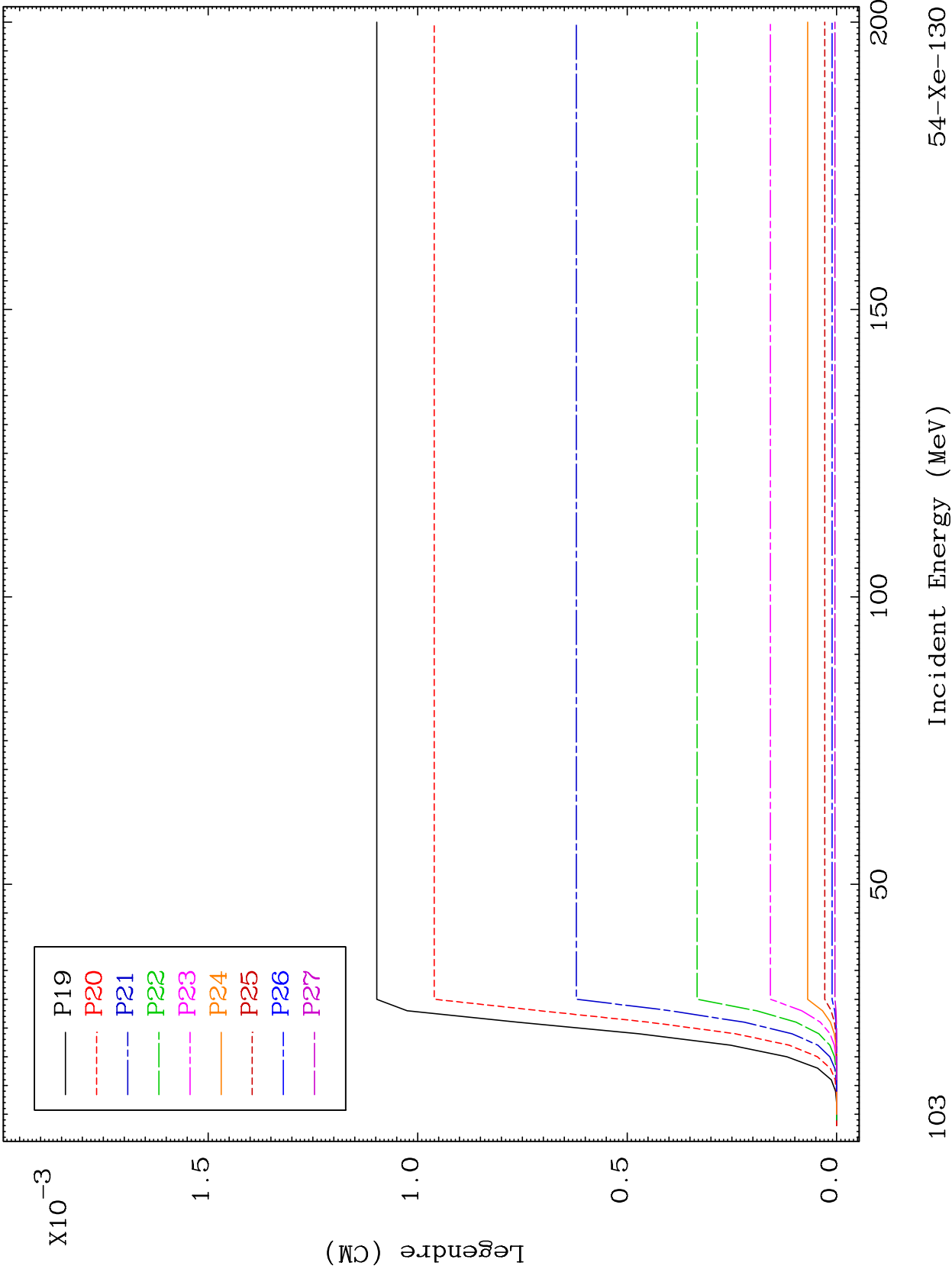


102

MAT 5443

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

54-Xe-130



103

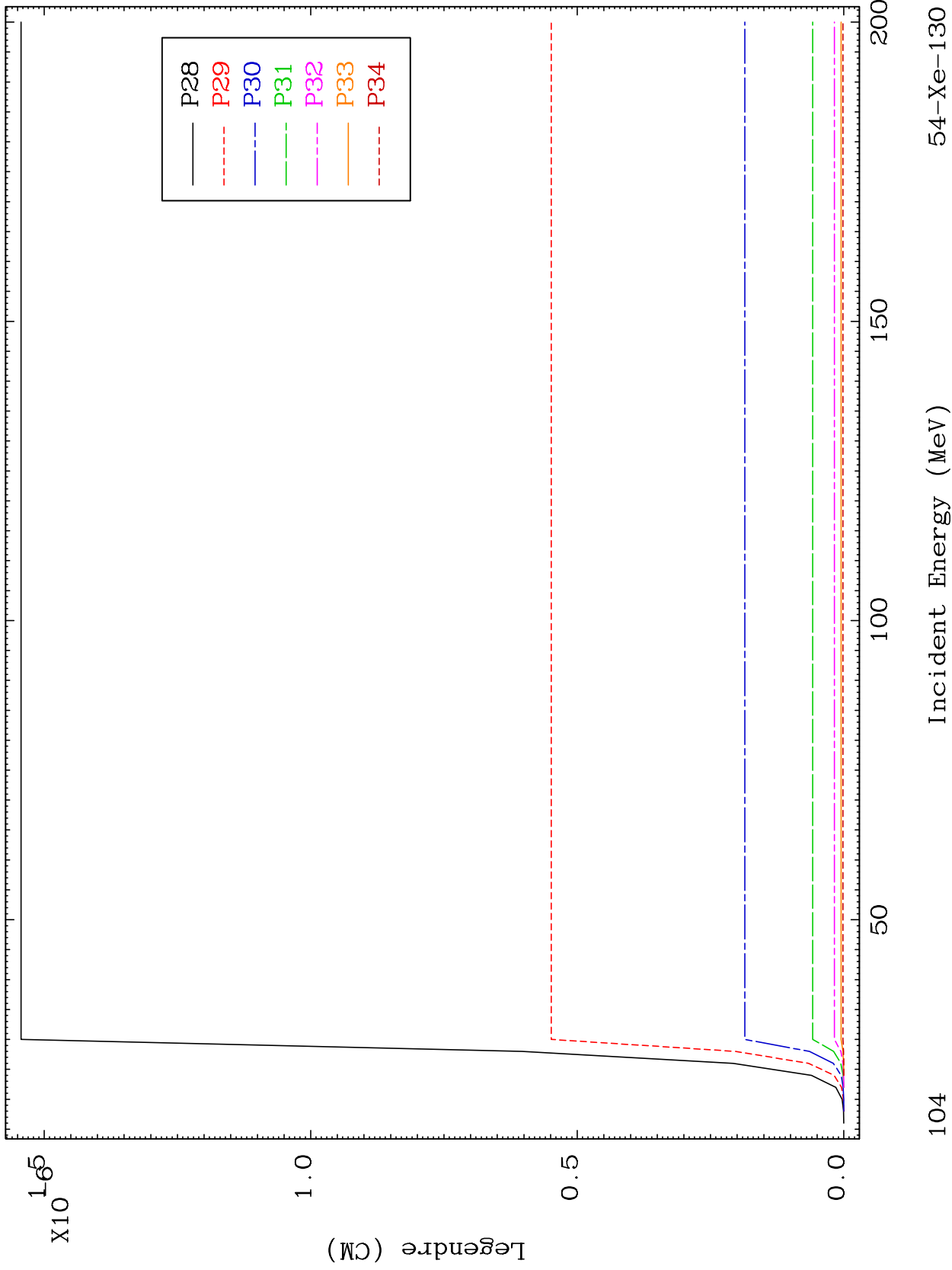
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



104

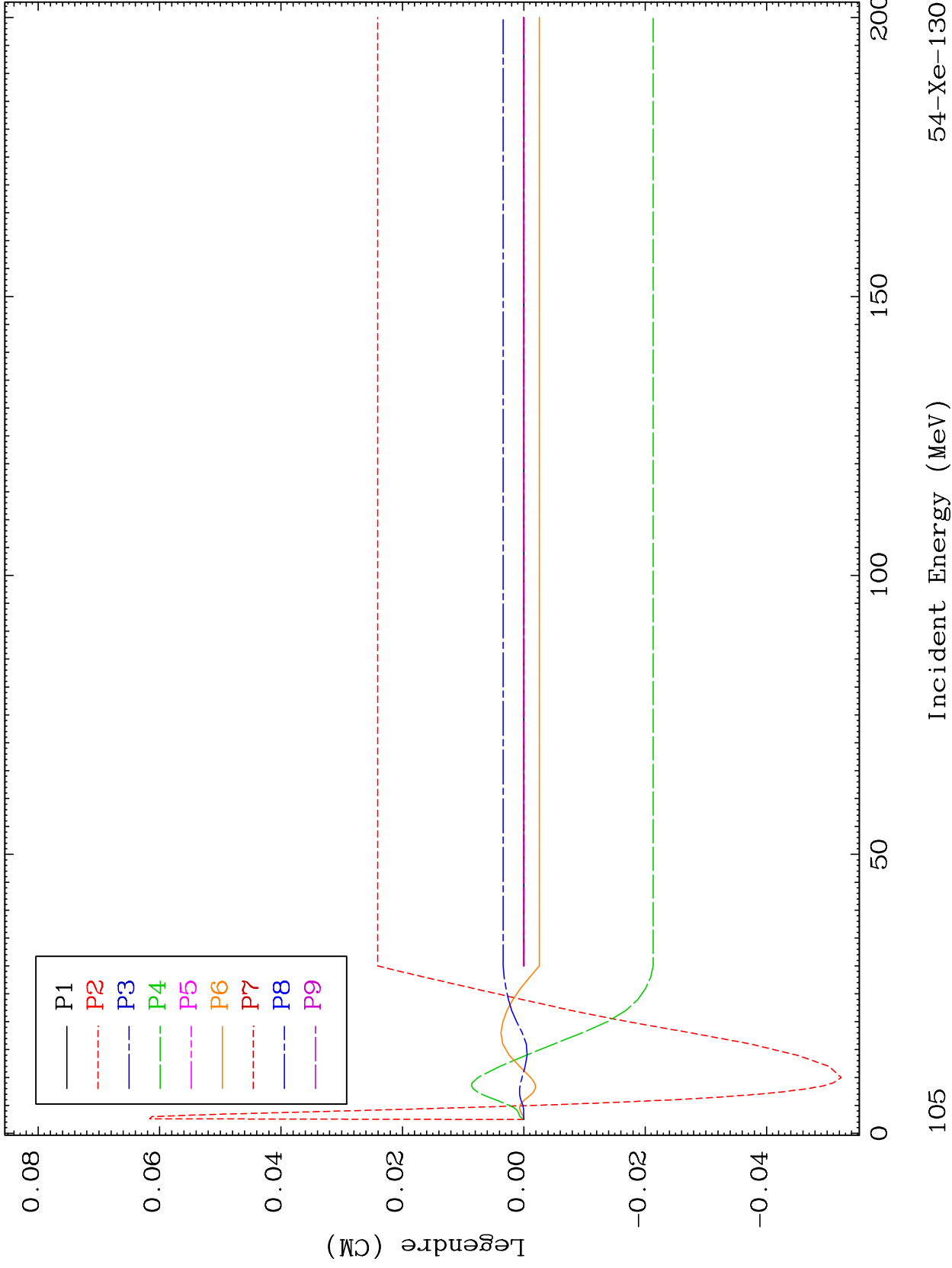
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



54-Xe-130

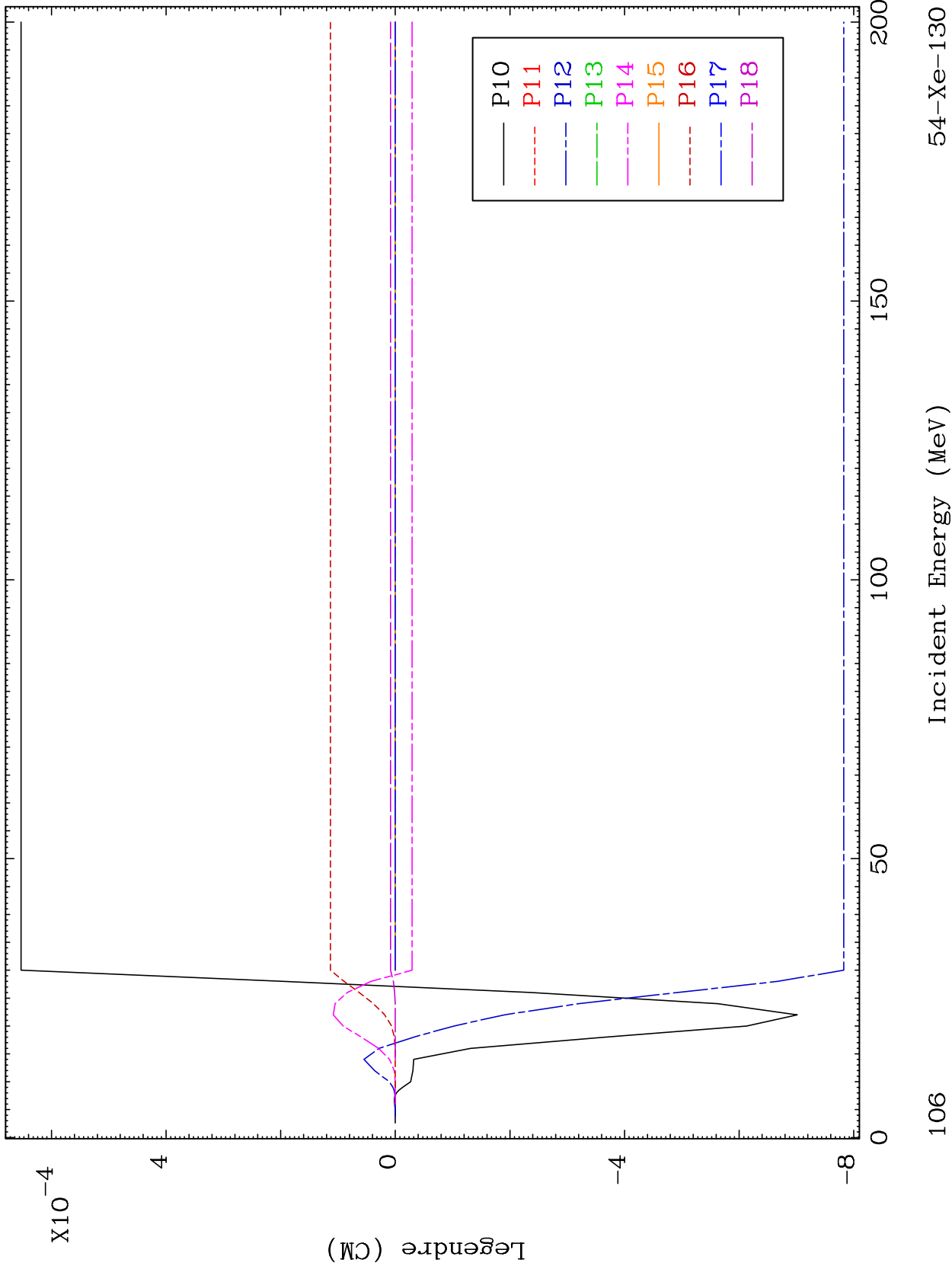
Incident Energy (MeV)

105

MAT 5443

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

54-Xe-130



54-Xe-130

Incident Energy (MeV)

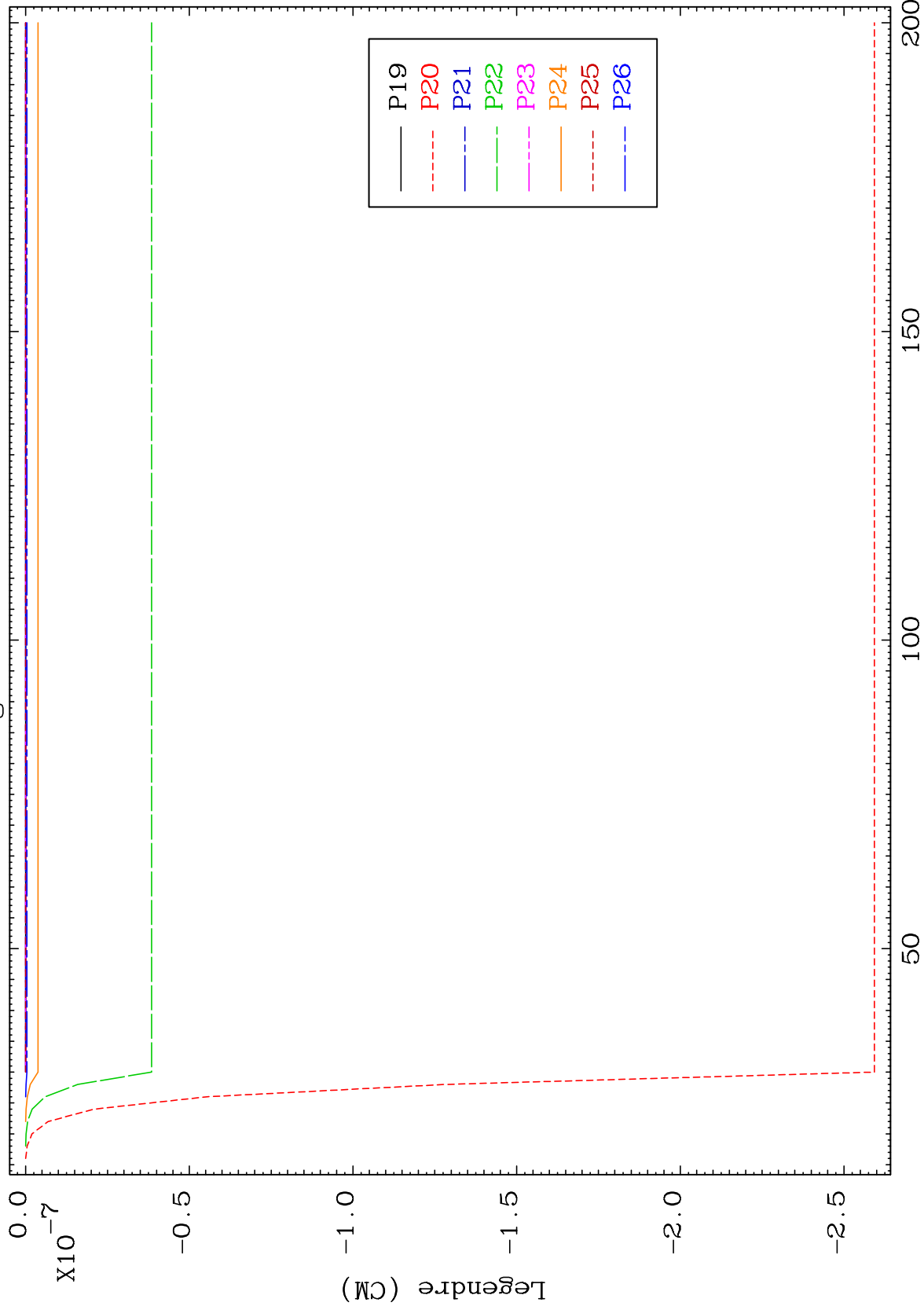
106

MAT 5443

MT= 75 (n,n') Level

54-Xe-130

Legendre Coefficients



54-Xe-130

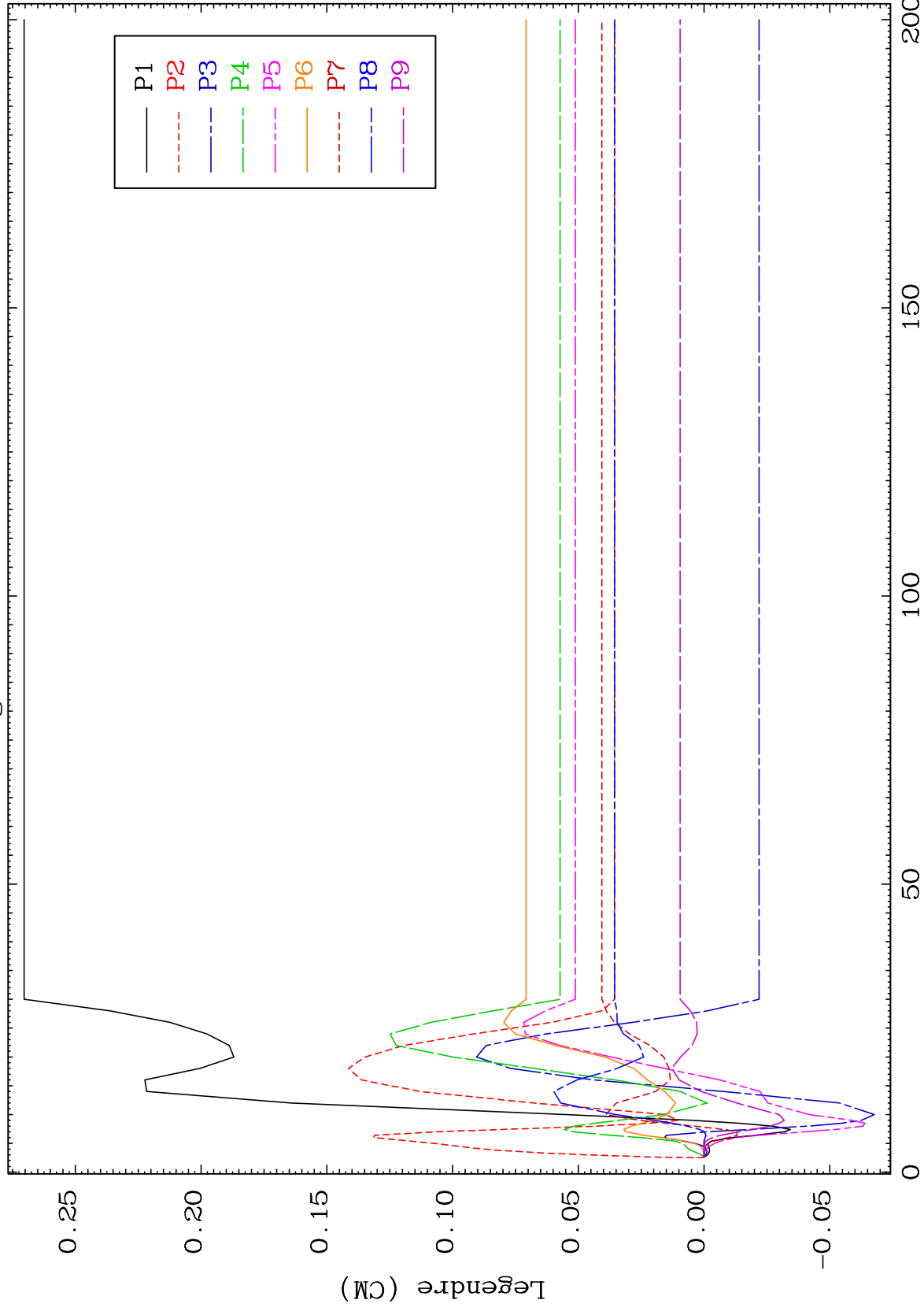
Incident Energy (MeV)

107

MAT 5443

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

54-Xe-130



108

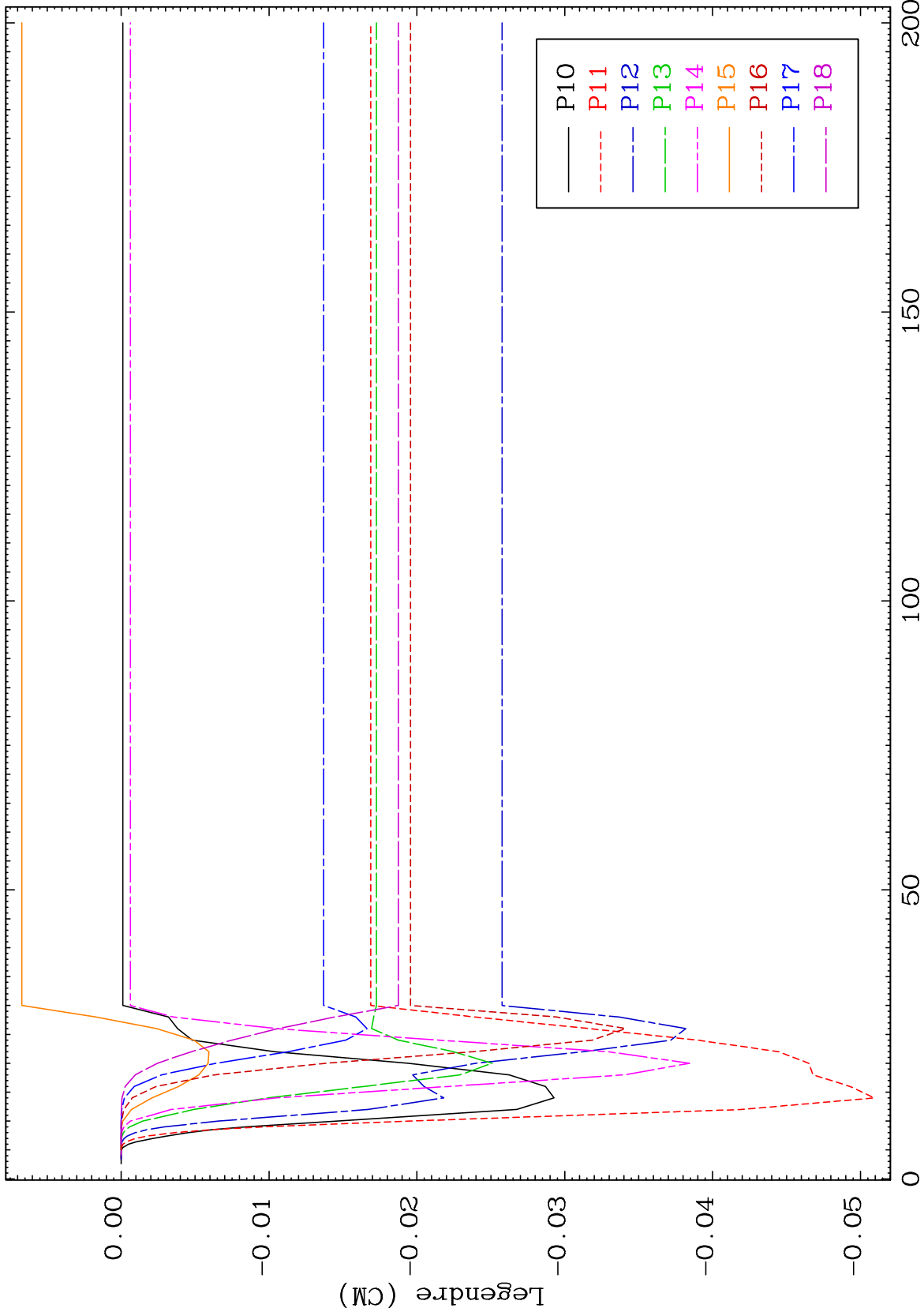
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

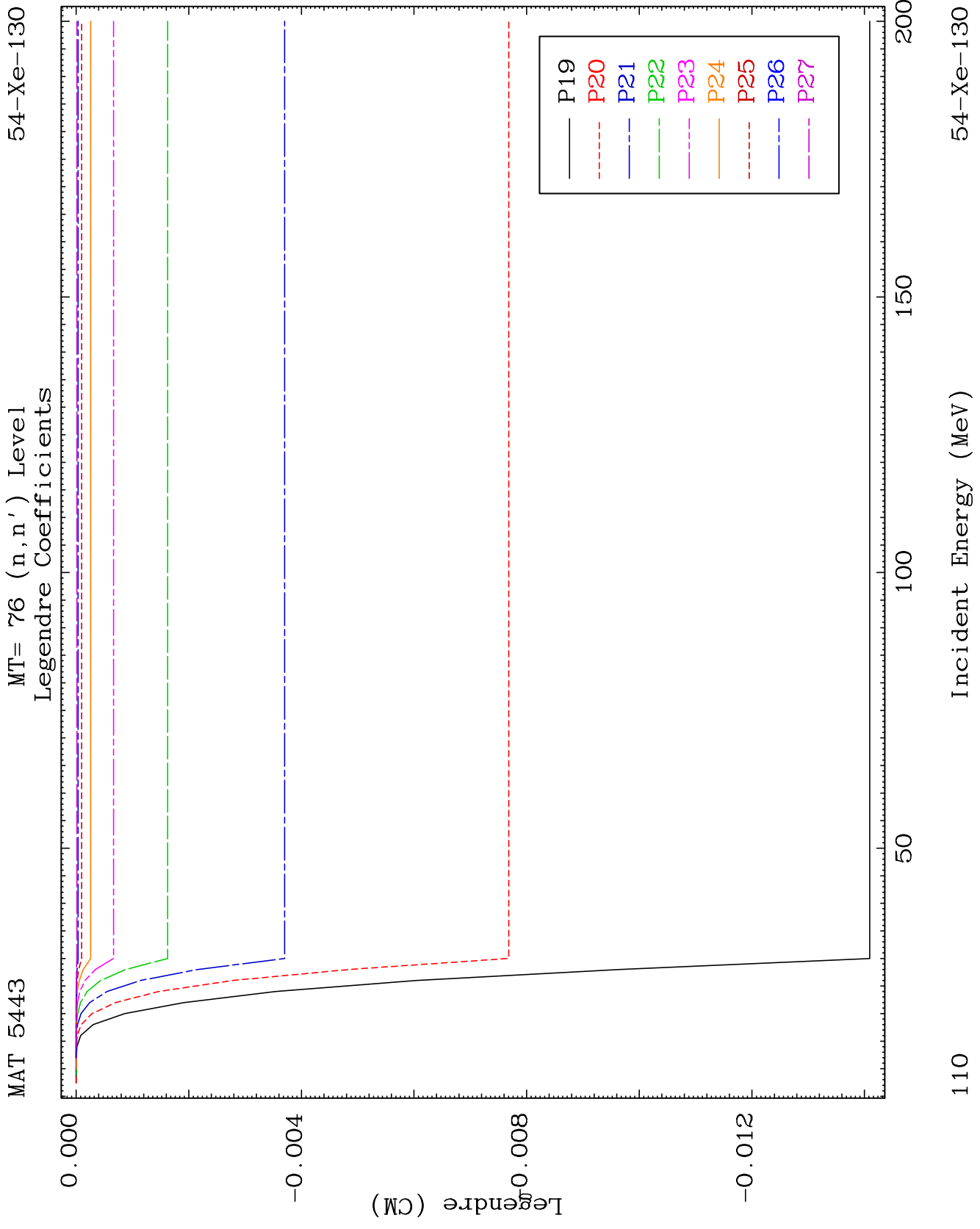
54-Xe-130

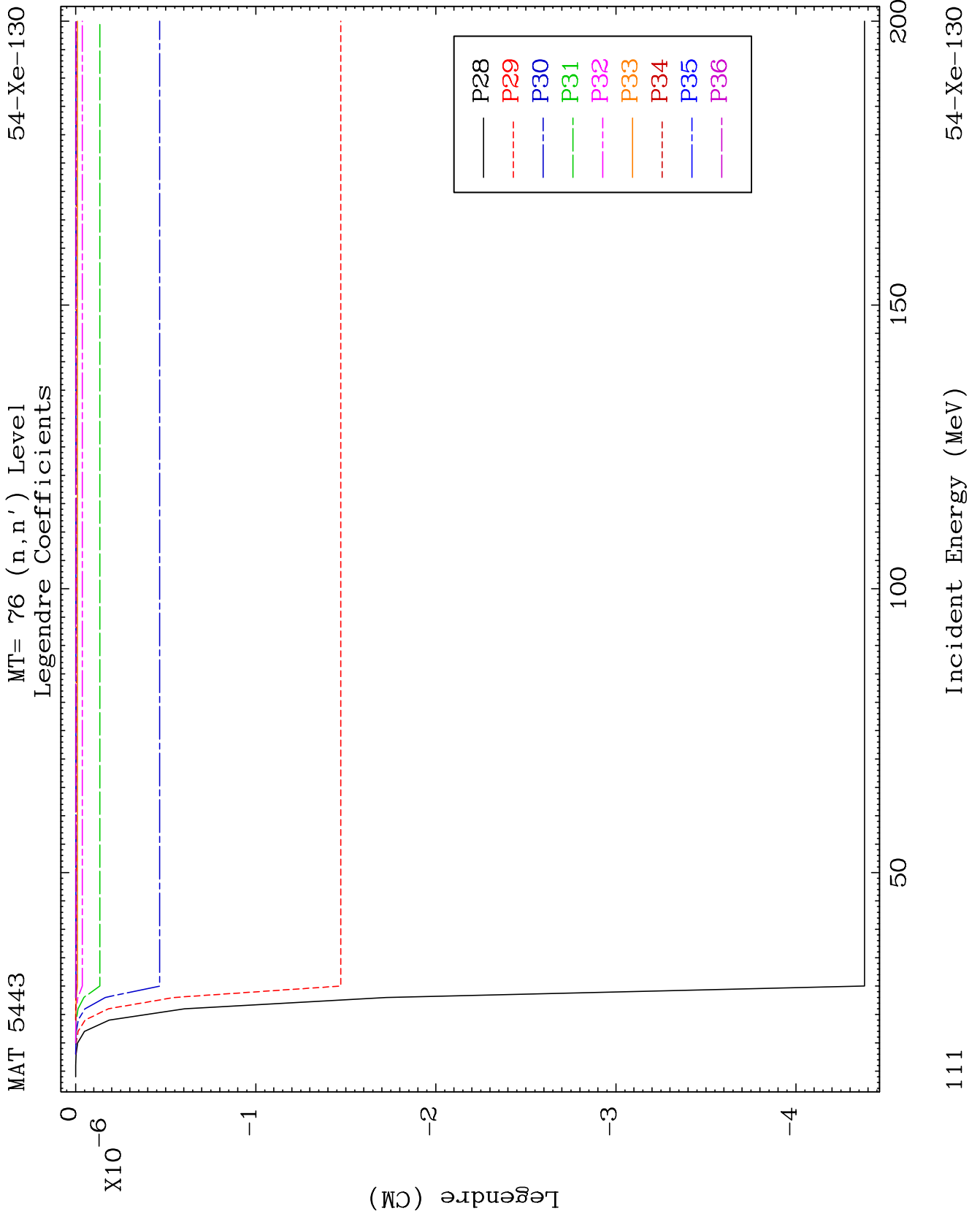


109

Incident Energy (MeV)

54-Xe-130

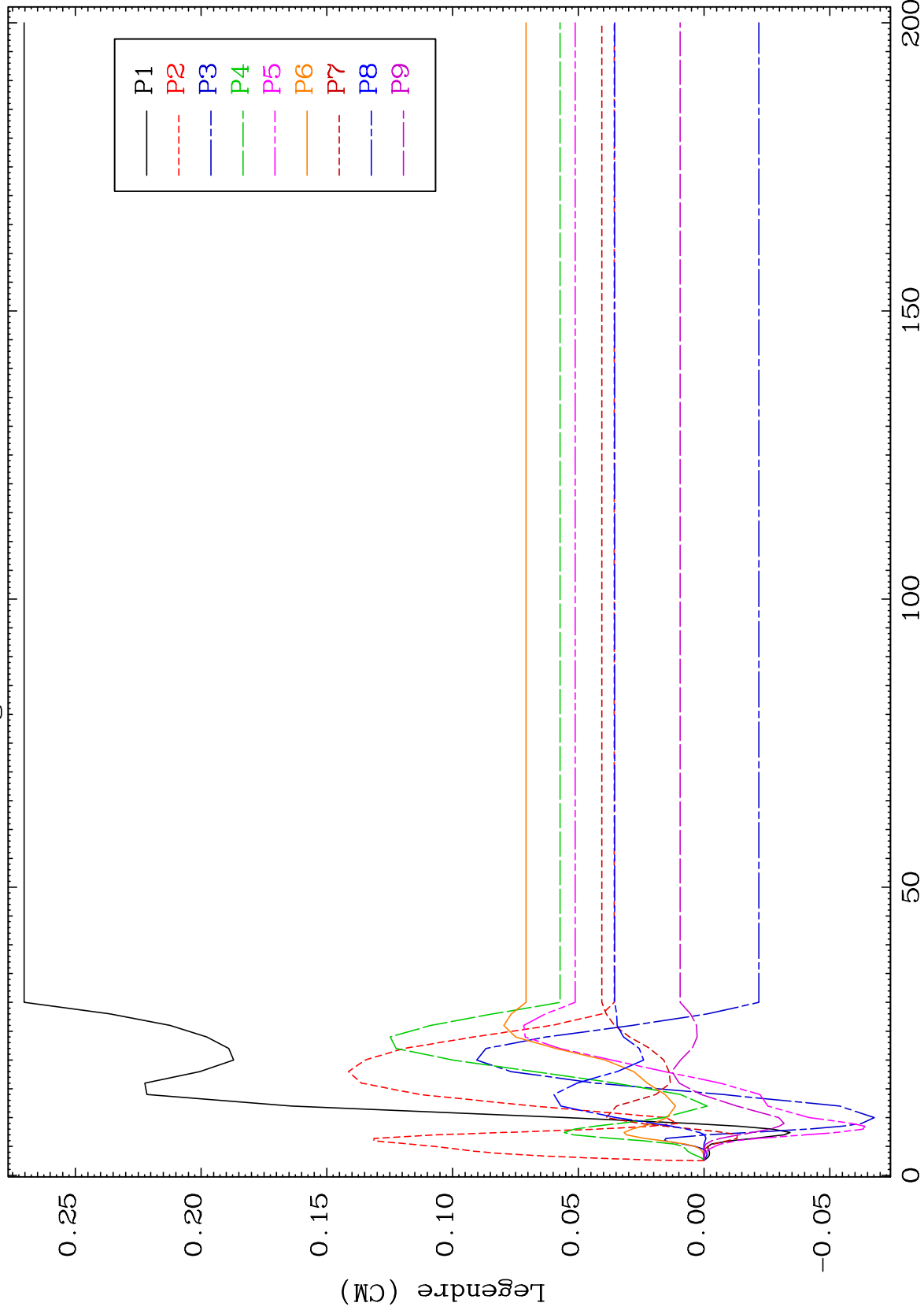




MAT 5443

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

54-Xe-130



112

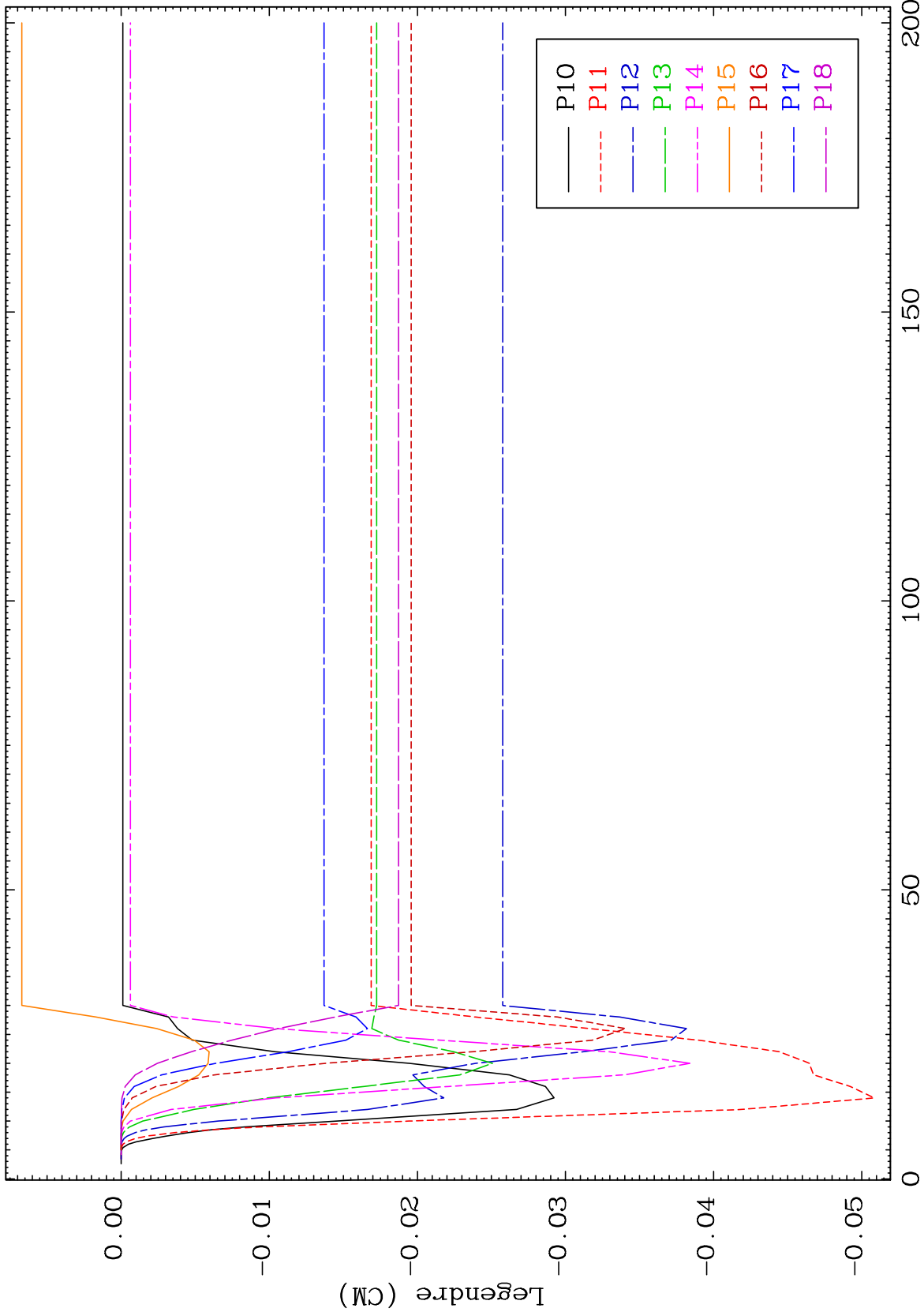
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

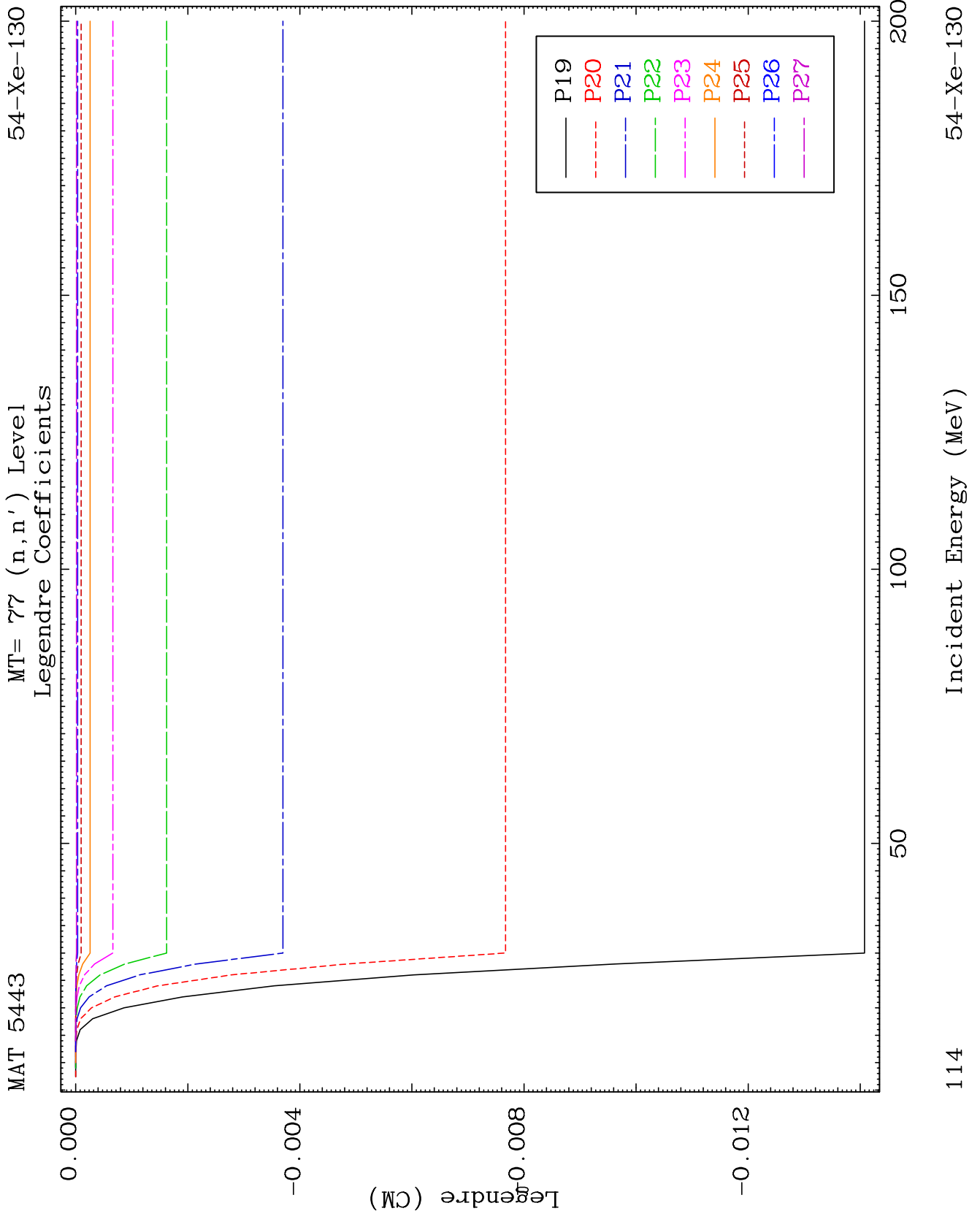
54-Xe-130

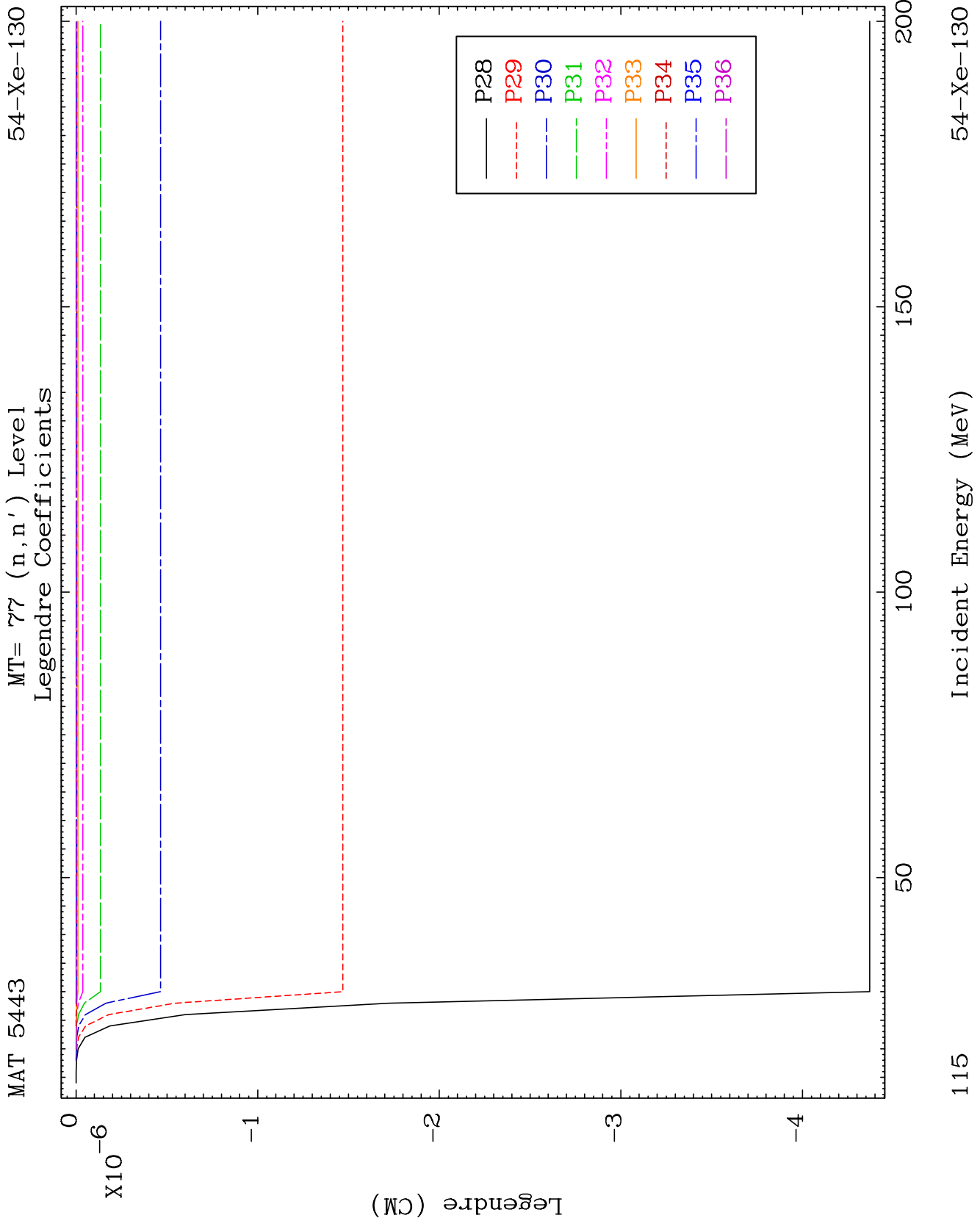


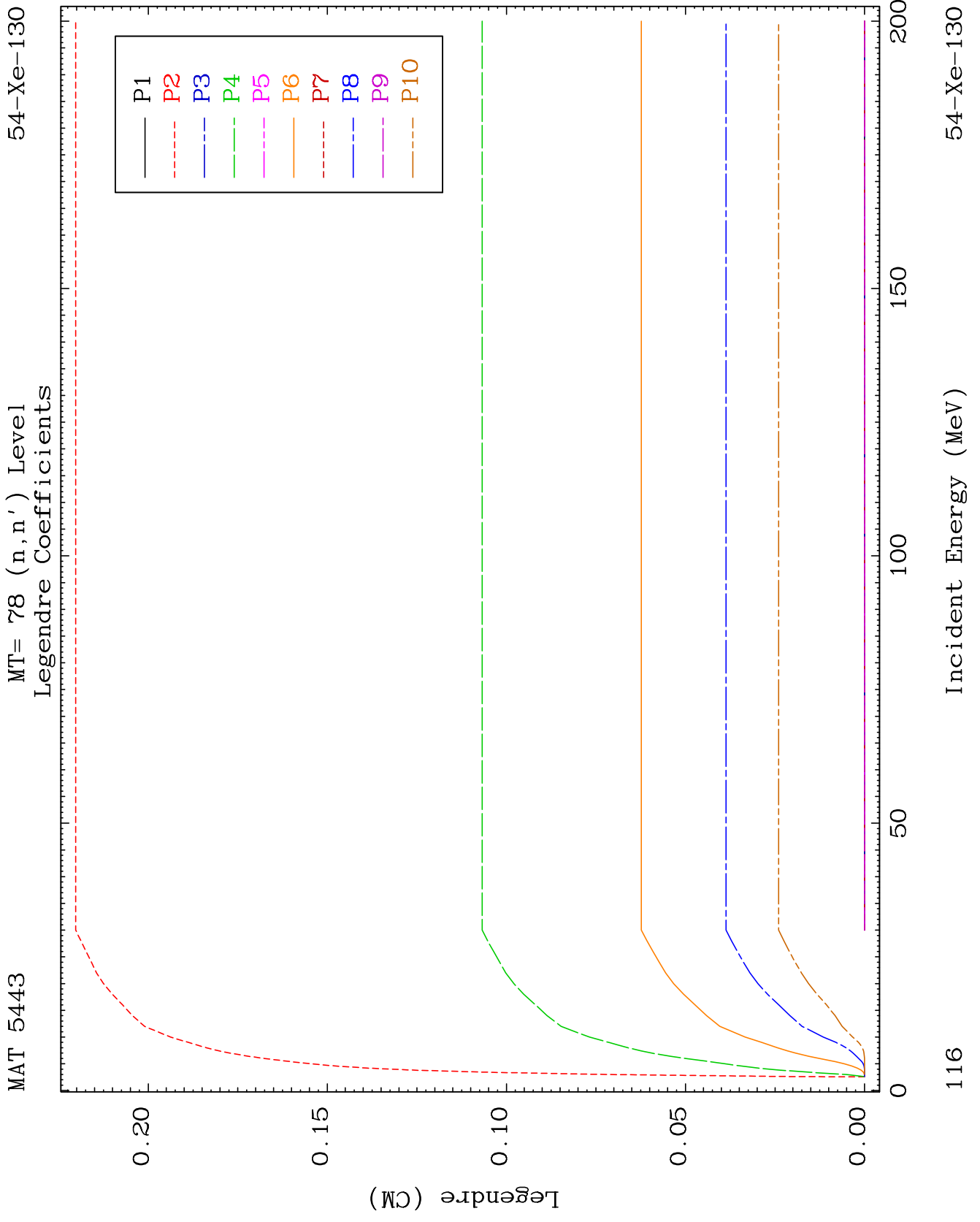
113

Incident Energy (MeV)

54-Xe-130



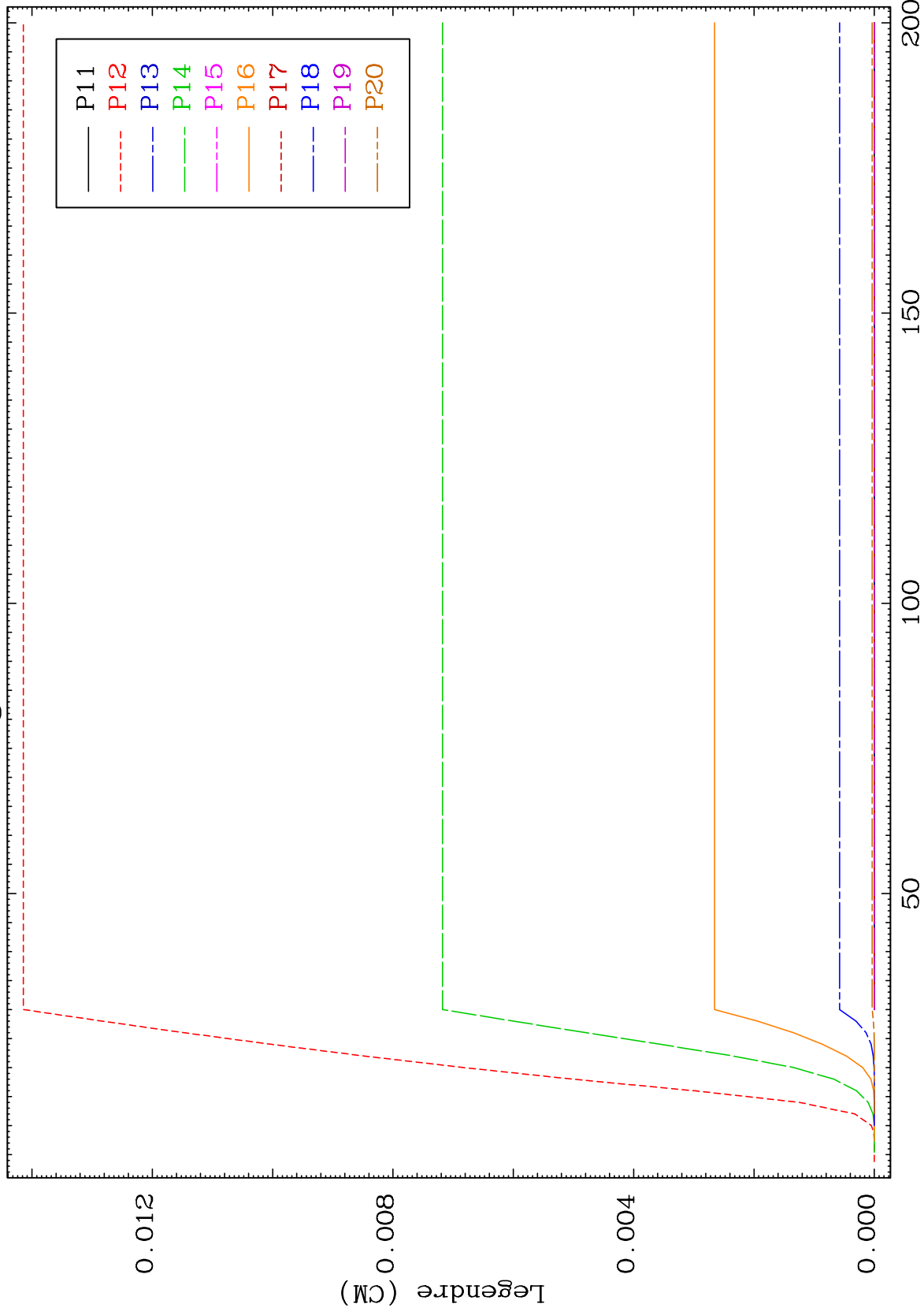




MAT 5443

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

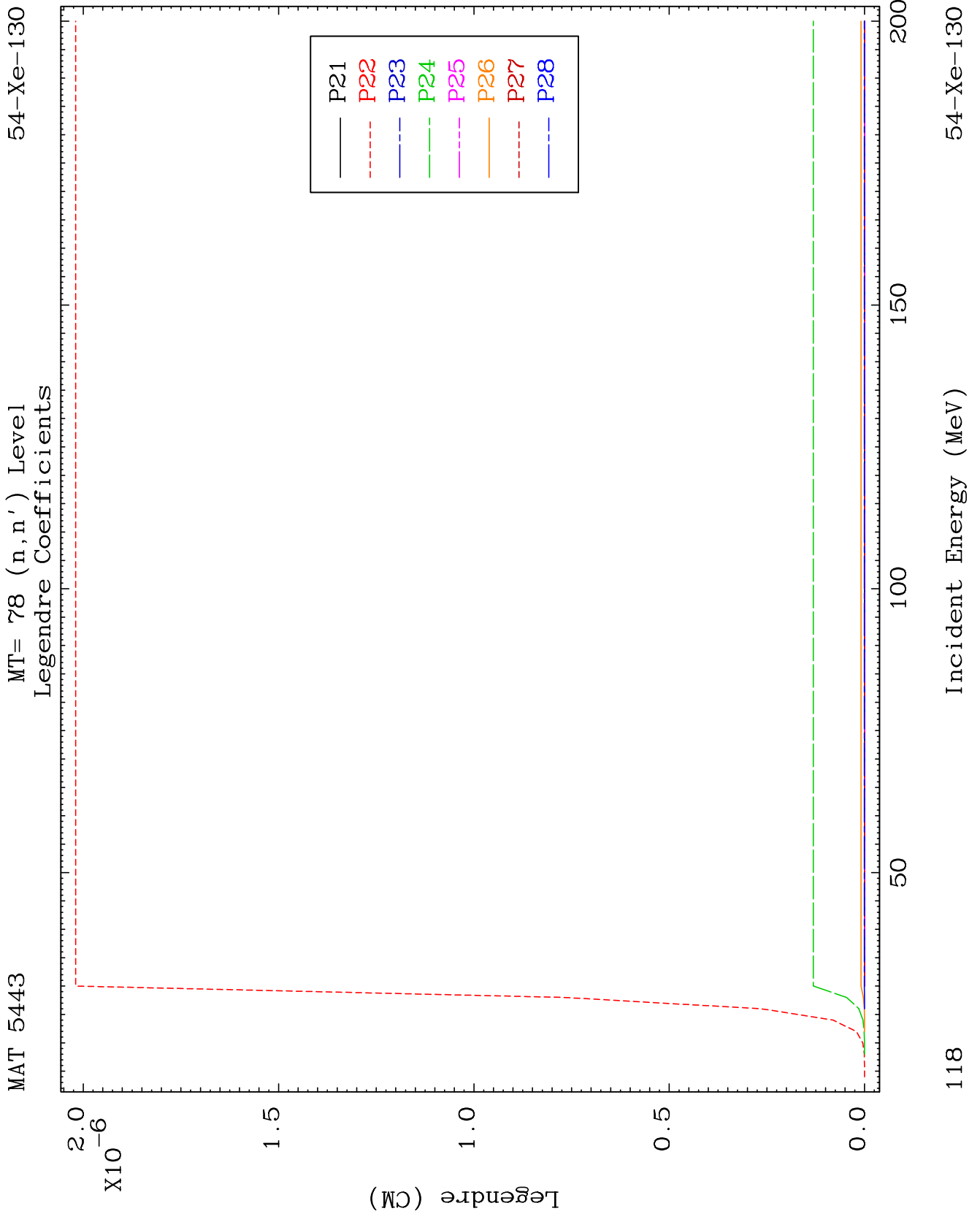
54-Xe-130



117

Incident Energy (MeV)

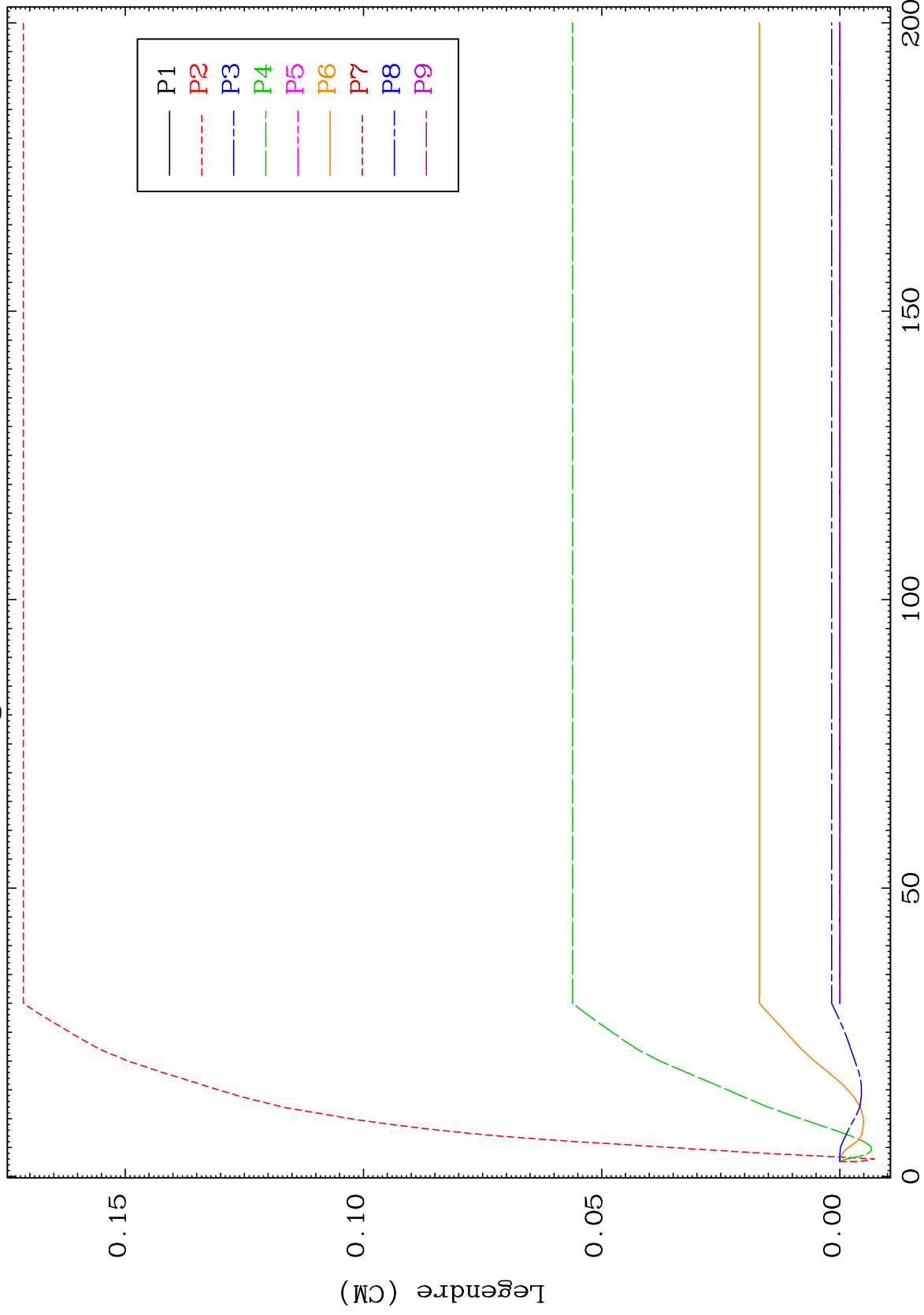
54-Xe-130



MAT 5443

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

54-Xe-130



119

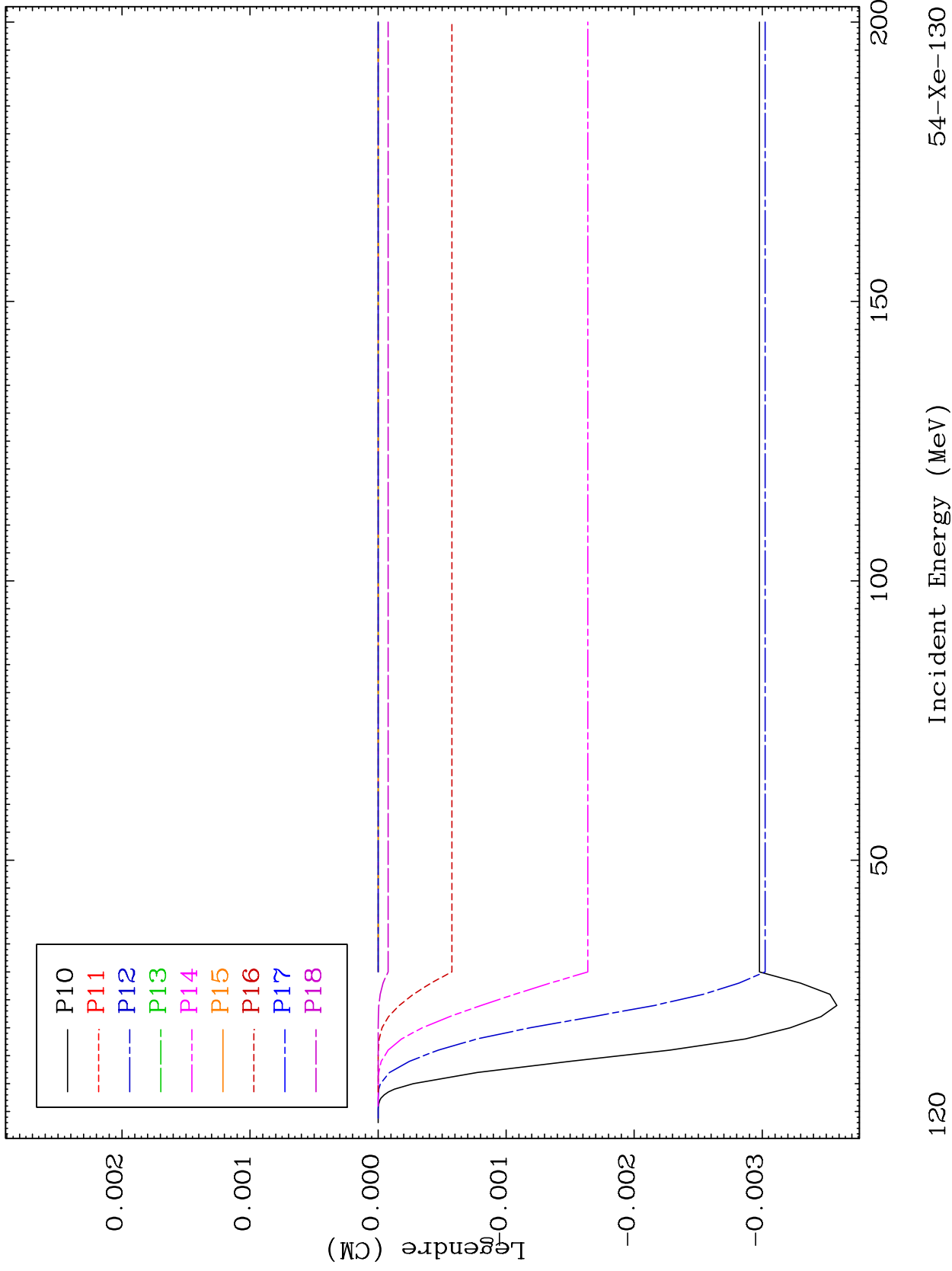
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

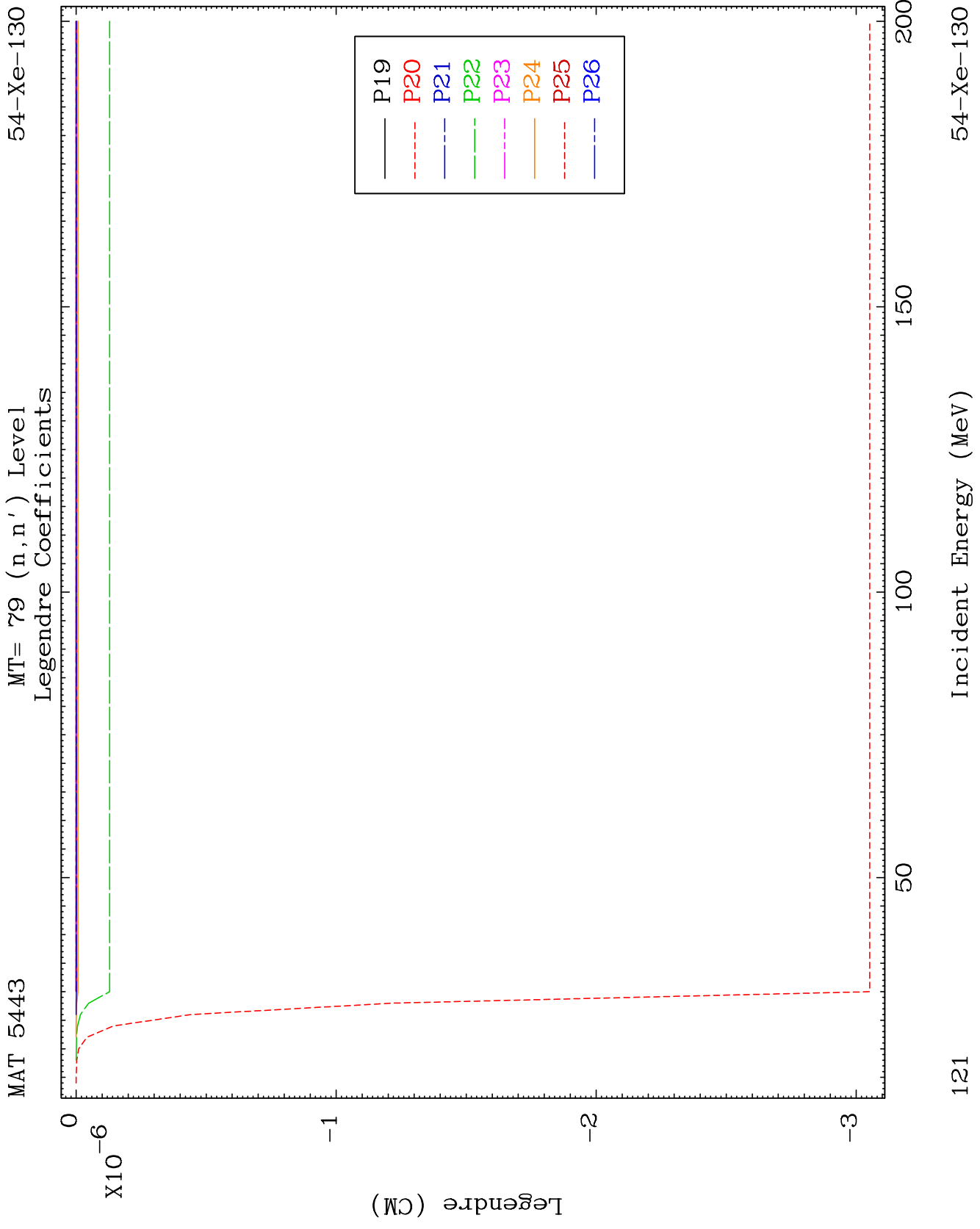
54-Xe-130



120

Incident Energy (MeV)

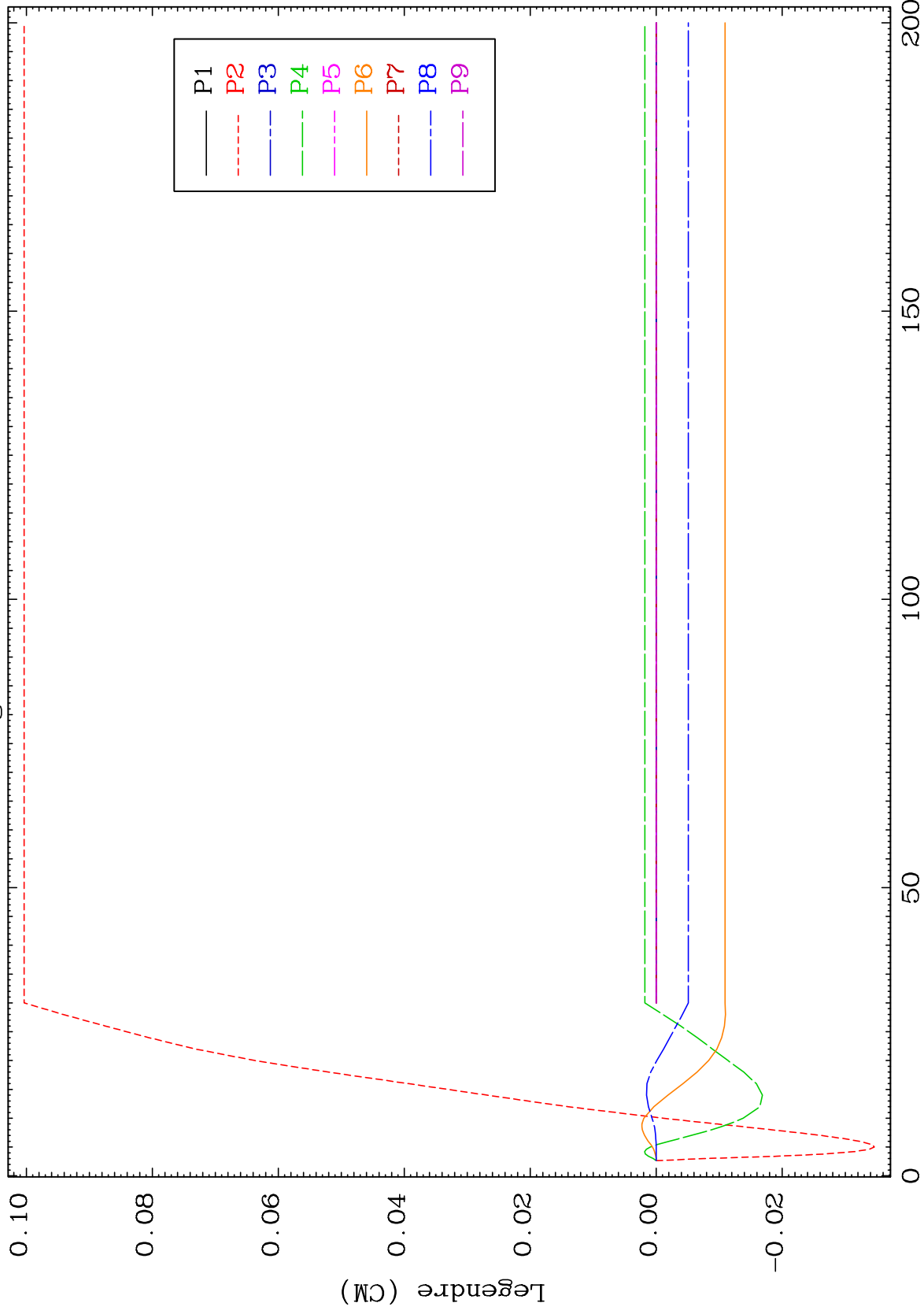
54-Xe-130



MAT 5443

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

54-Xe-130



54-Xe-130

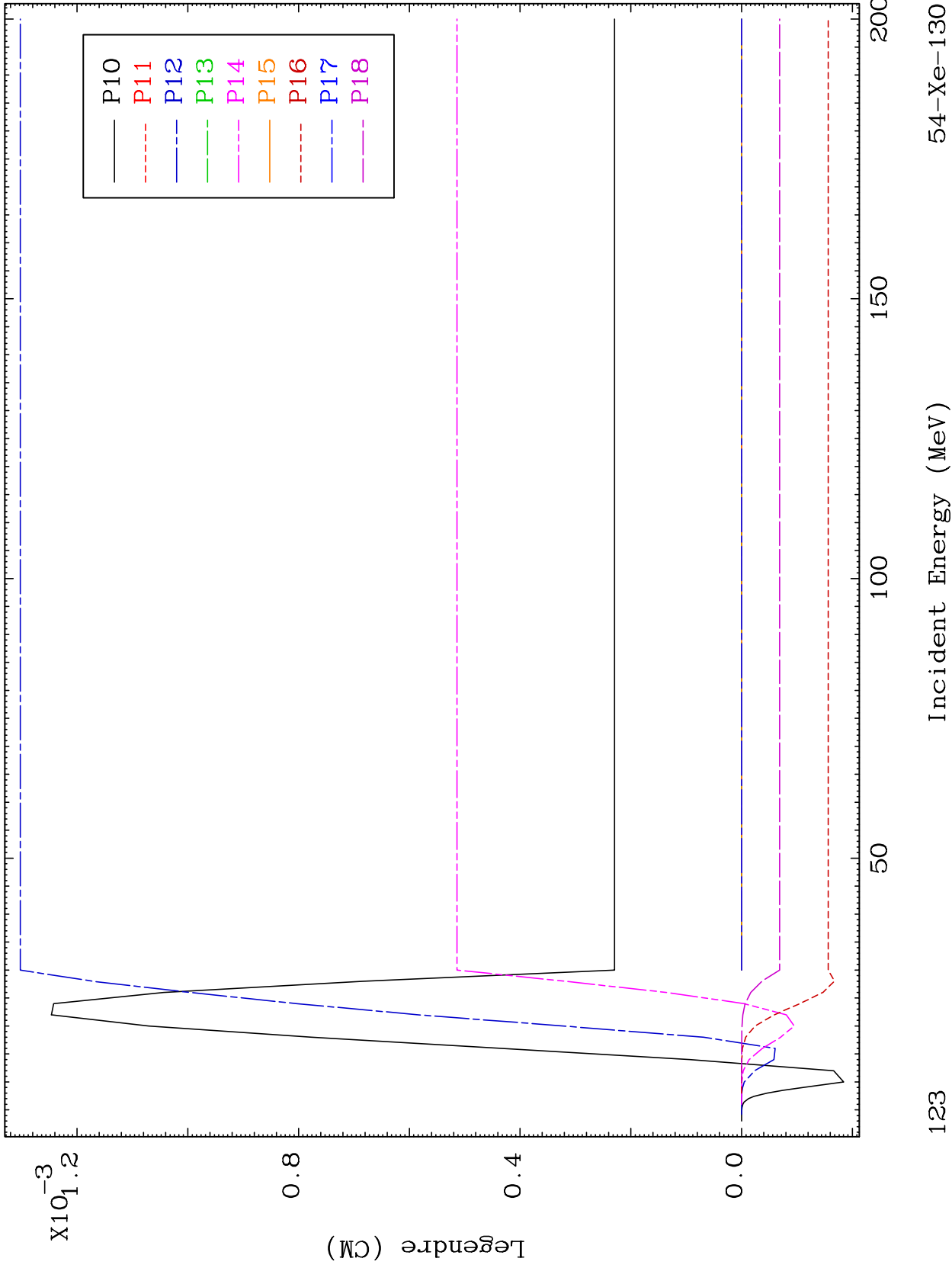
Incident Energy (MeV)

122

MAT 5443

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

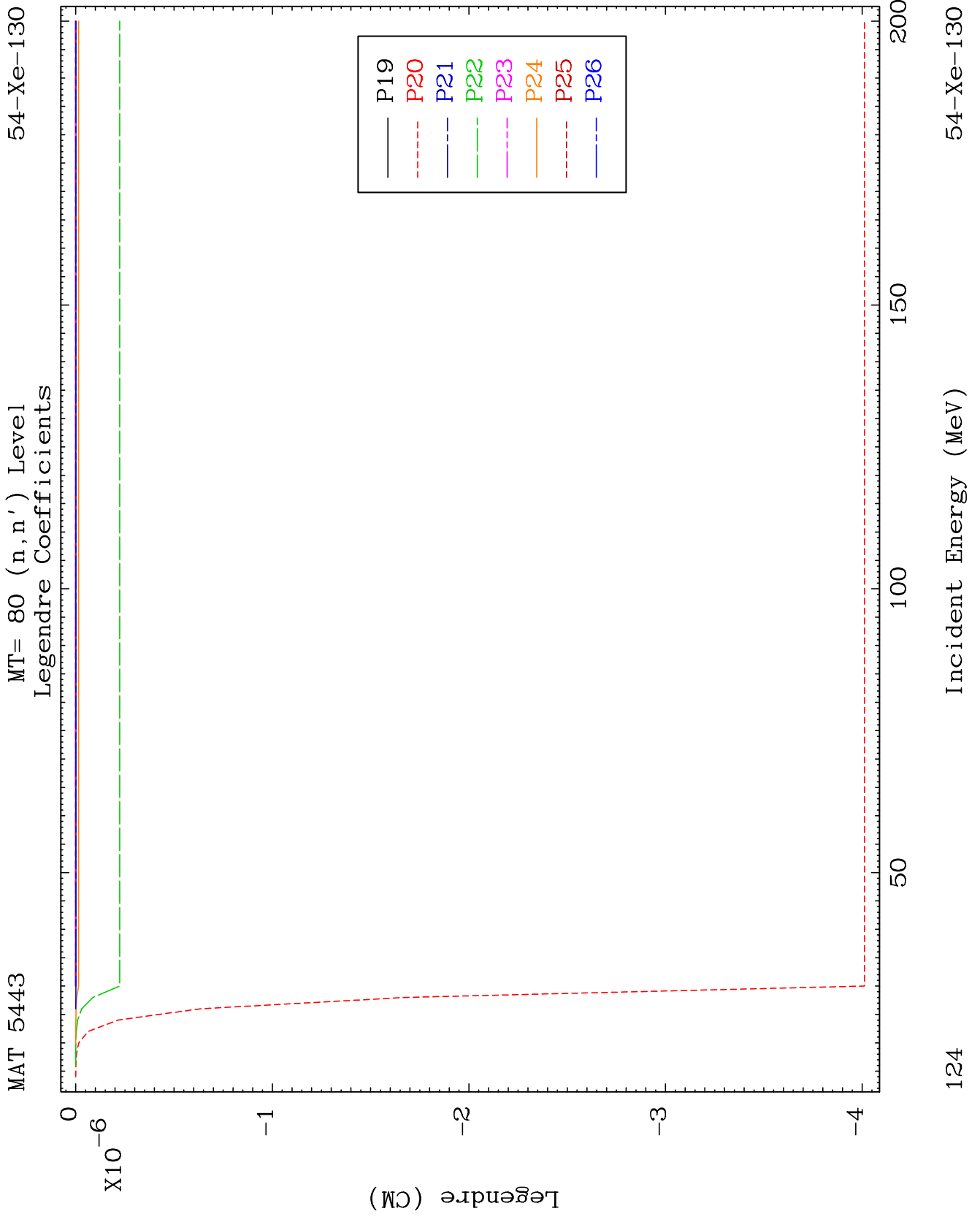
54-Xe-130



123

Incident Energy (MeV)

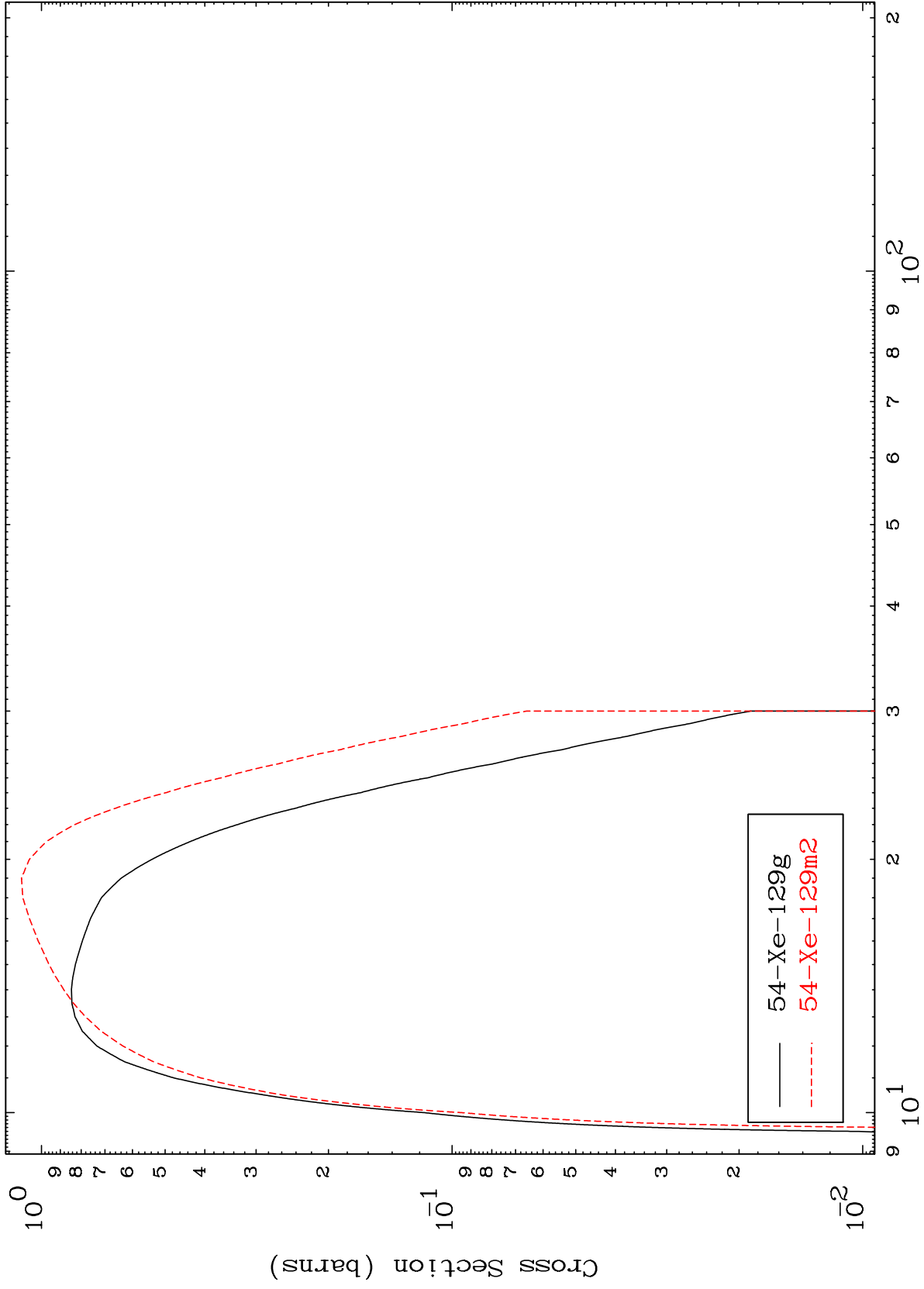
54-Xe-130



MAT 5443

54-Xe-130

(n,2n)
Radionuclide Production Cross Section



54-Xe-130

Incident Energy (MeV)

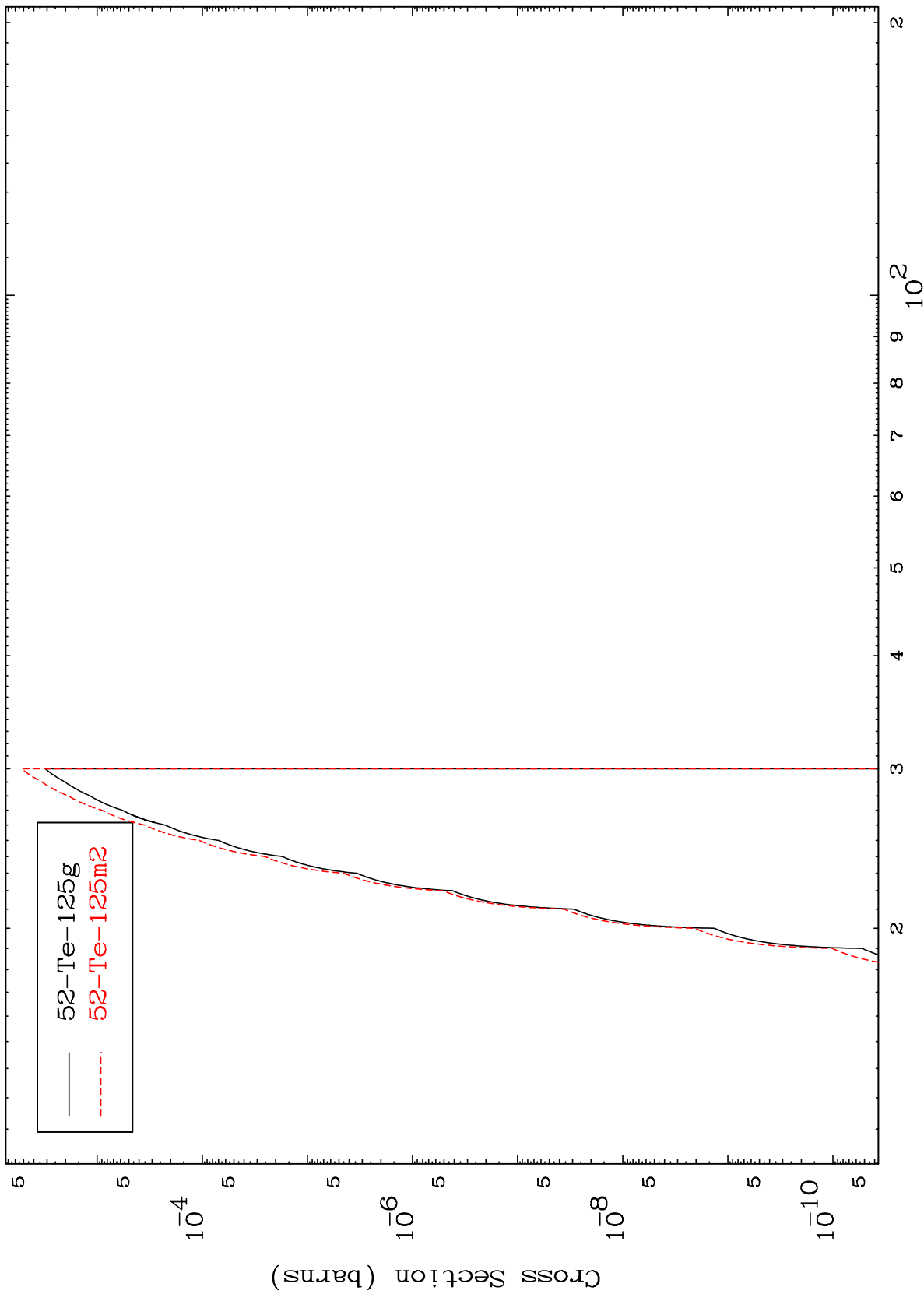
125

MAT 5443

(n,2n) α

54-Xe-130

Radionuclide Production Cross Section



126

Incident Energy (MeV)

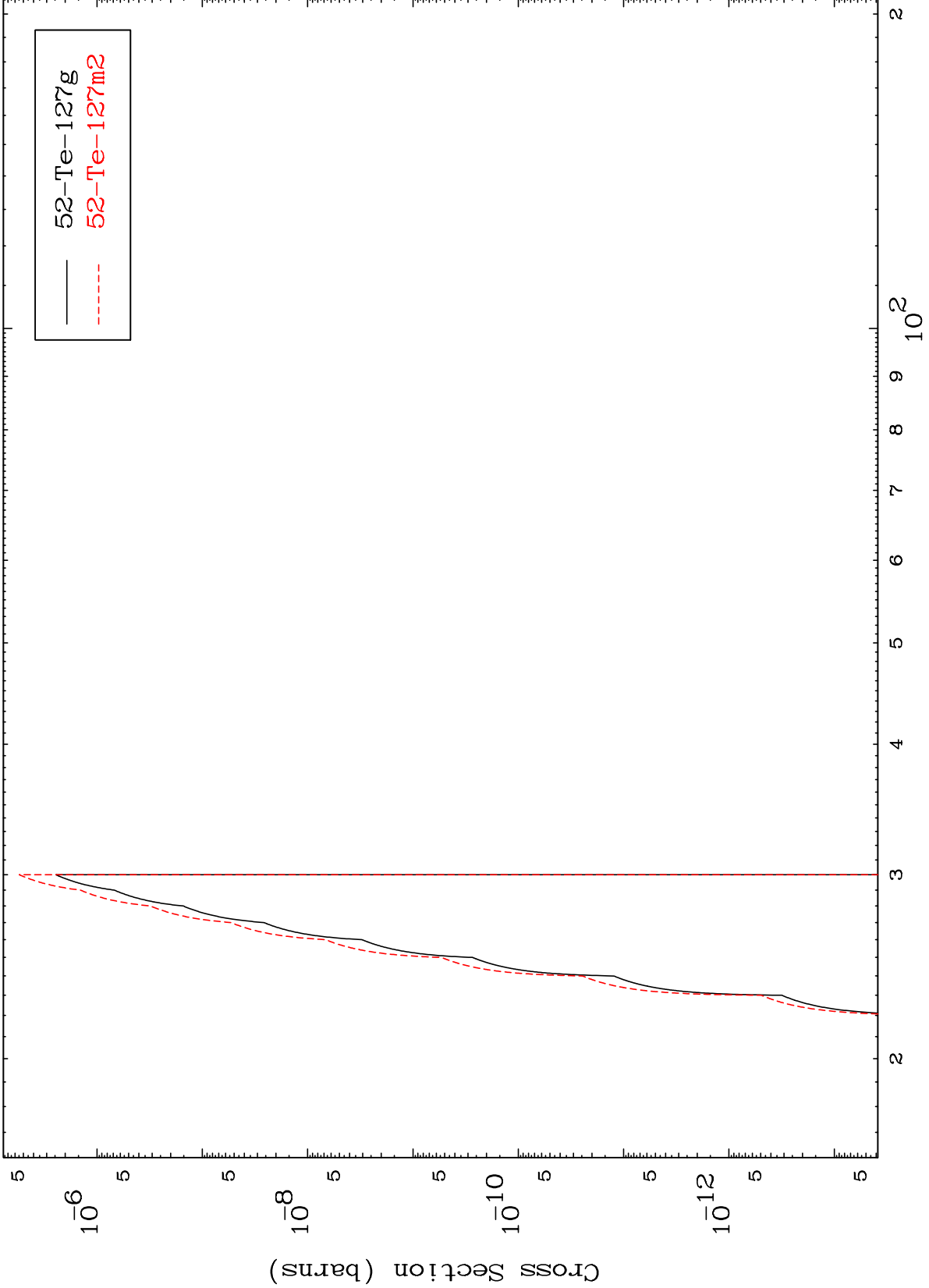
54-Xe-130

MAT 5443

(n,n') He-3

54-Xe-130

Radionuclide Production Cross Section



127

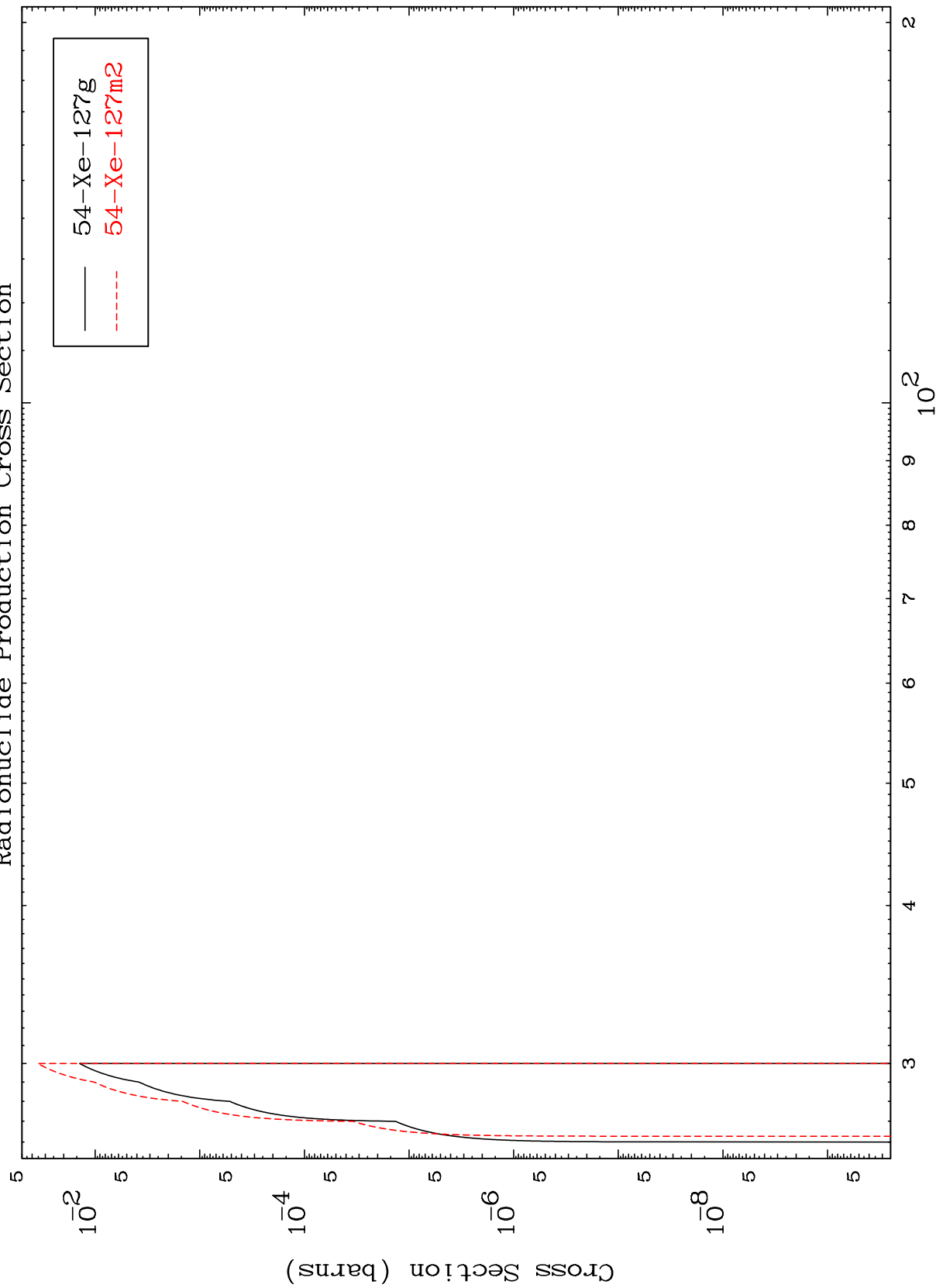
Incident Energy (MeV)

54-Xe-130

MAT 5443

54-Xe-130

(n,4n)
Radionuclide Production Cross Section

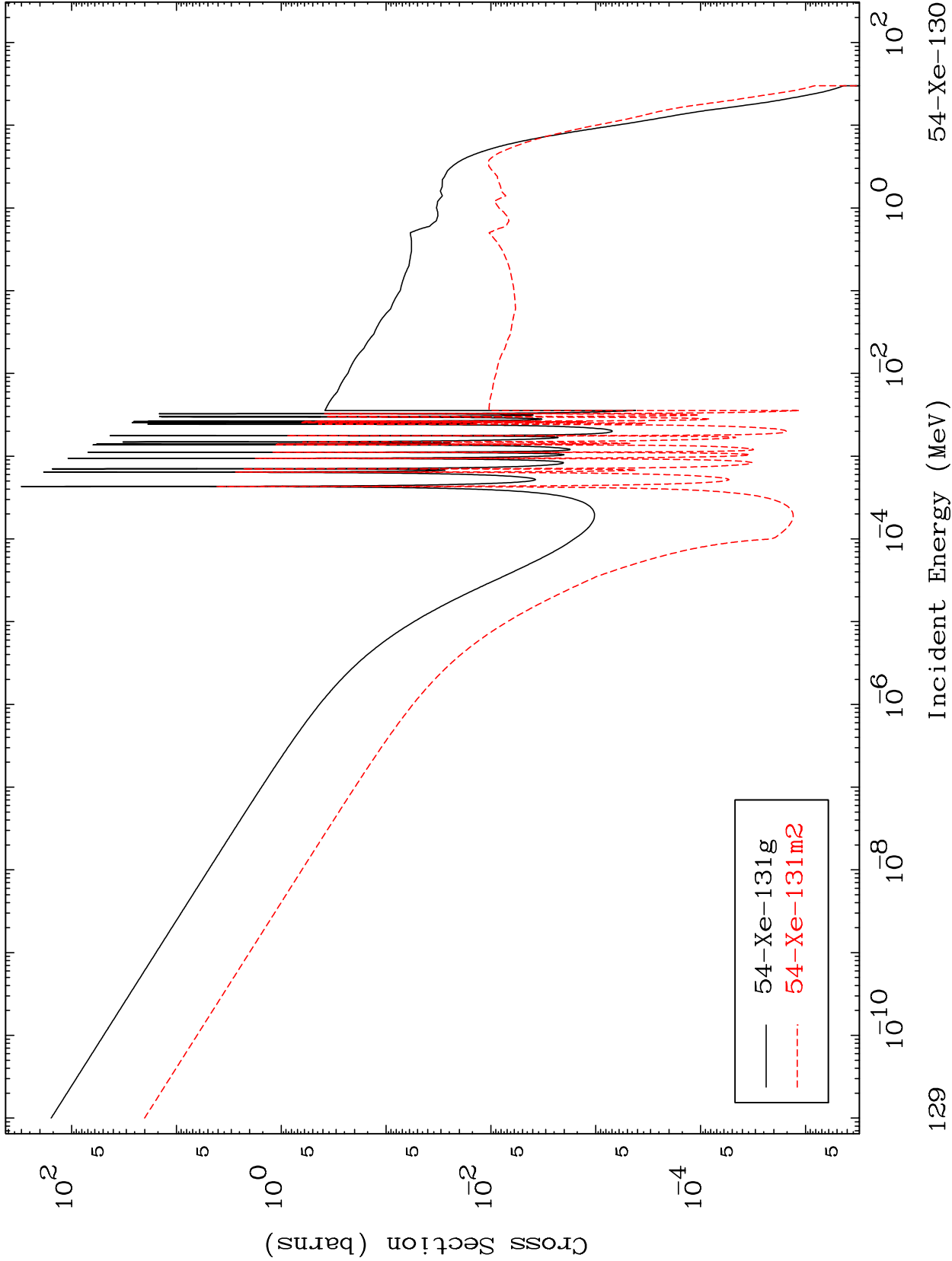


128

54-Xe-130

Incident Energy (MeV)

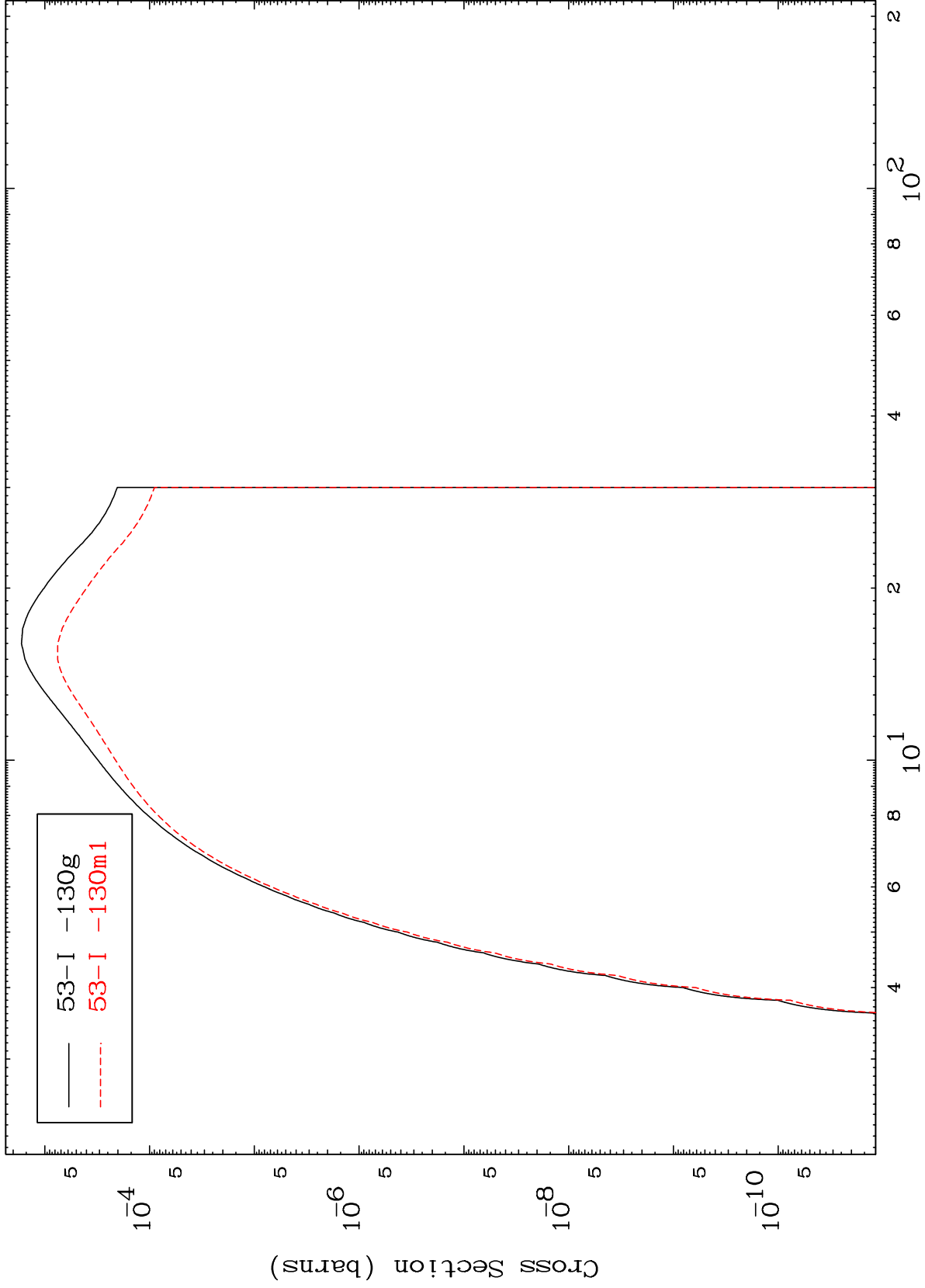
(n, γ)
Radionuclide Production Cross Section



MAT 5443

54-Xe-130

(n,p)
Radionuclide Production Cross Section



130

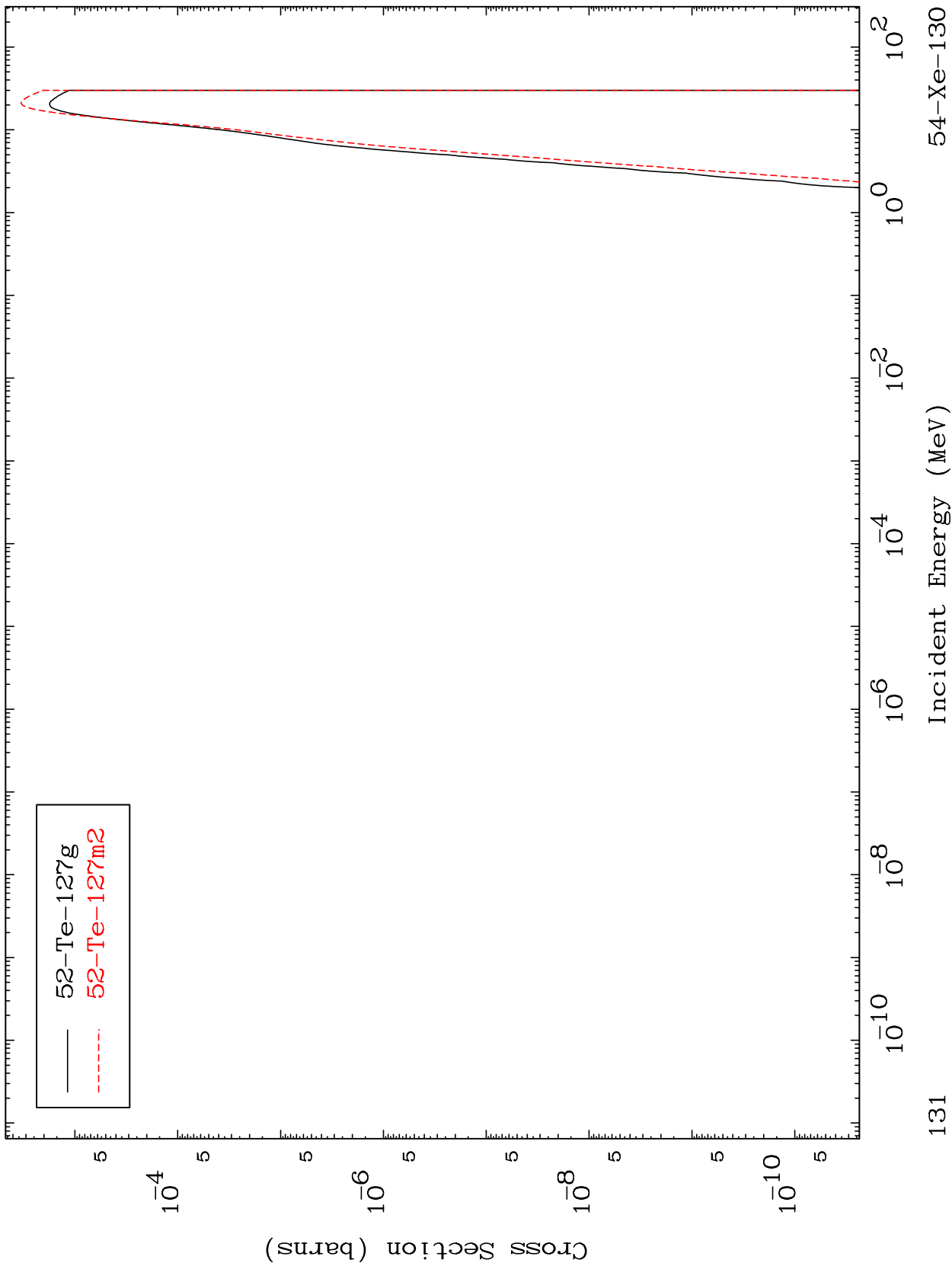
54-Xe-130

Incident Energy (MeV)

MAT 5443

54-Xe-130

(n, α)
Radionuclide Production Cross Section

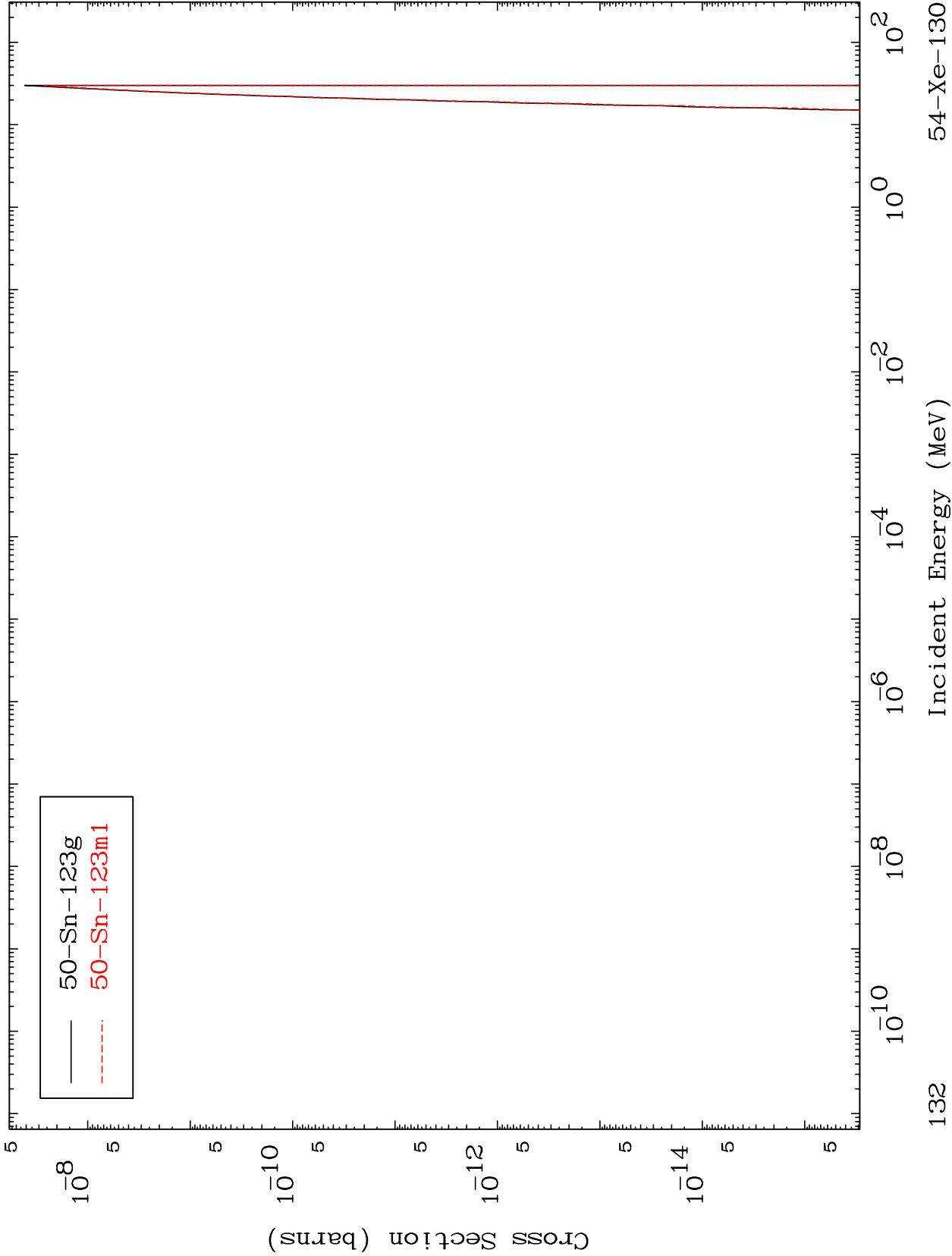


MAT 5443

(n,2α)

54-Xe-130

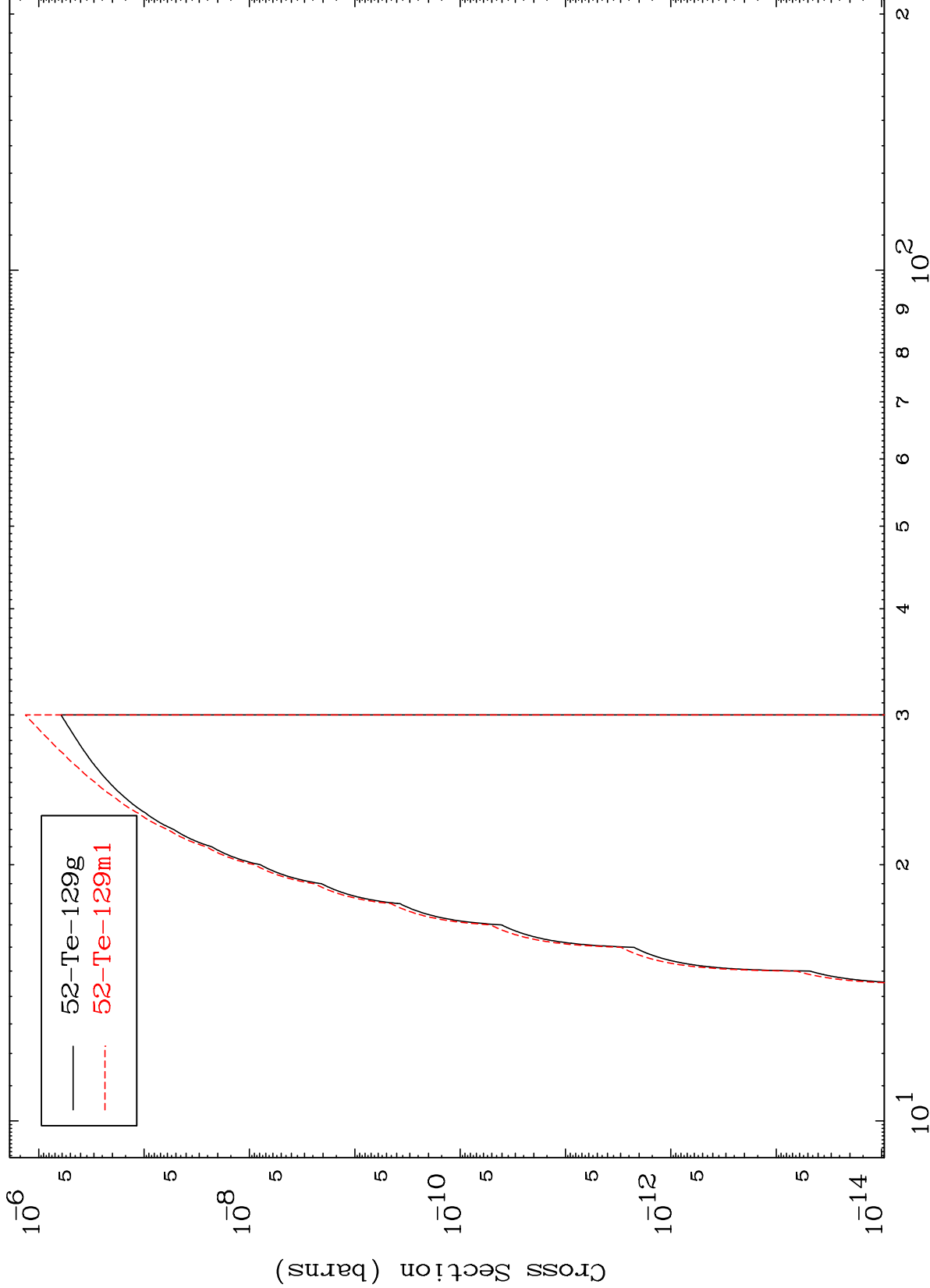
Radionuclide Production Cross Section



MAT 5443

54-Xe-130

(n,2p)
Radionuclide Production Cross Section



54-Xe-130

Incident Energy (MeV)

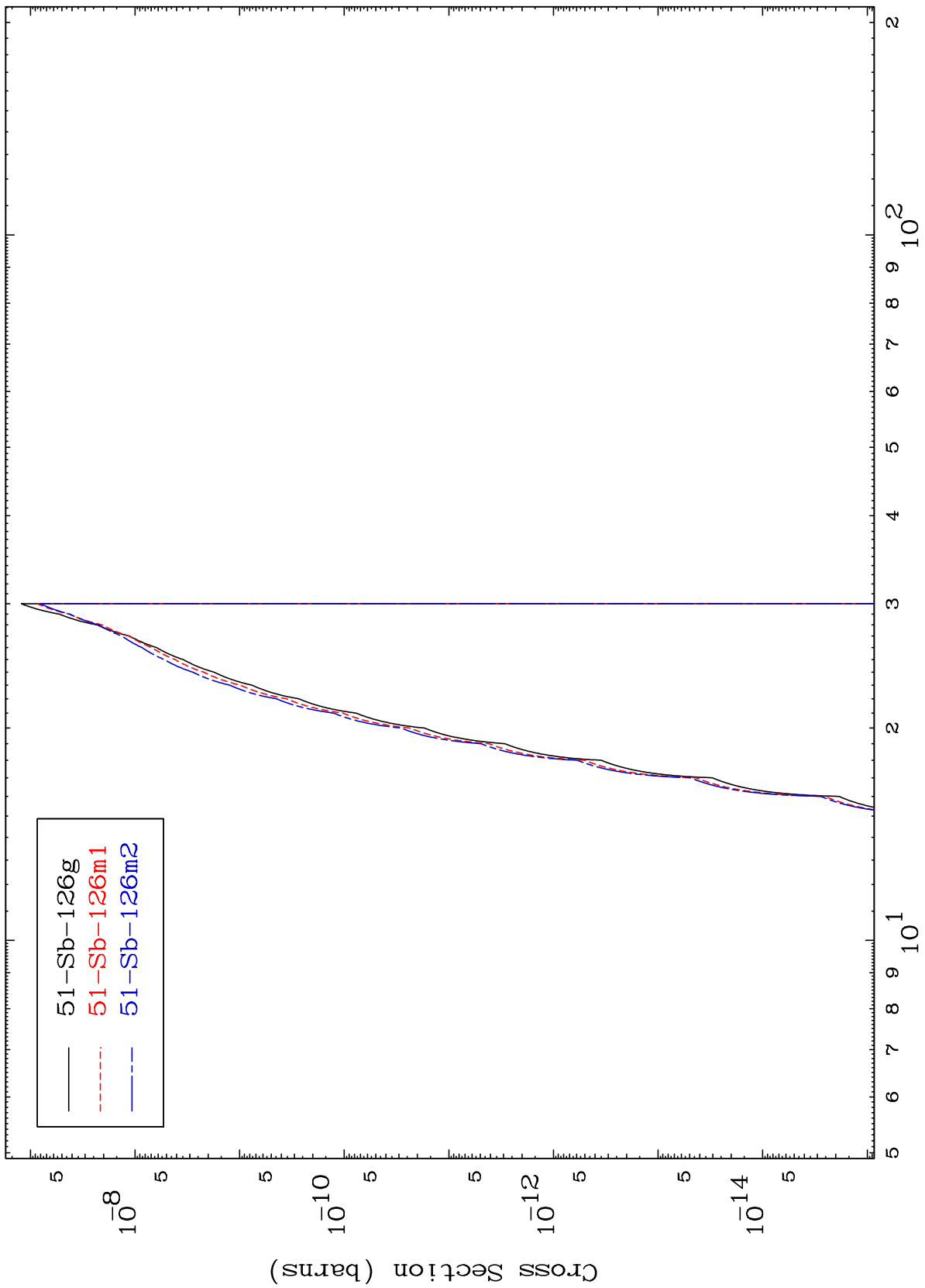
133

MAT 5443

(n,p) α

54-Xe-130

Radionuclide Production Cross Section



51-Sb-126g
51-Sb-126m1
51-Sb-126m2

134

Incident Energy (MeV)

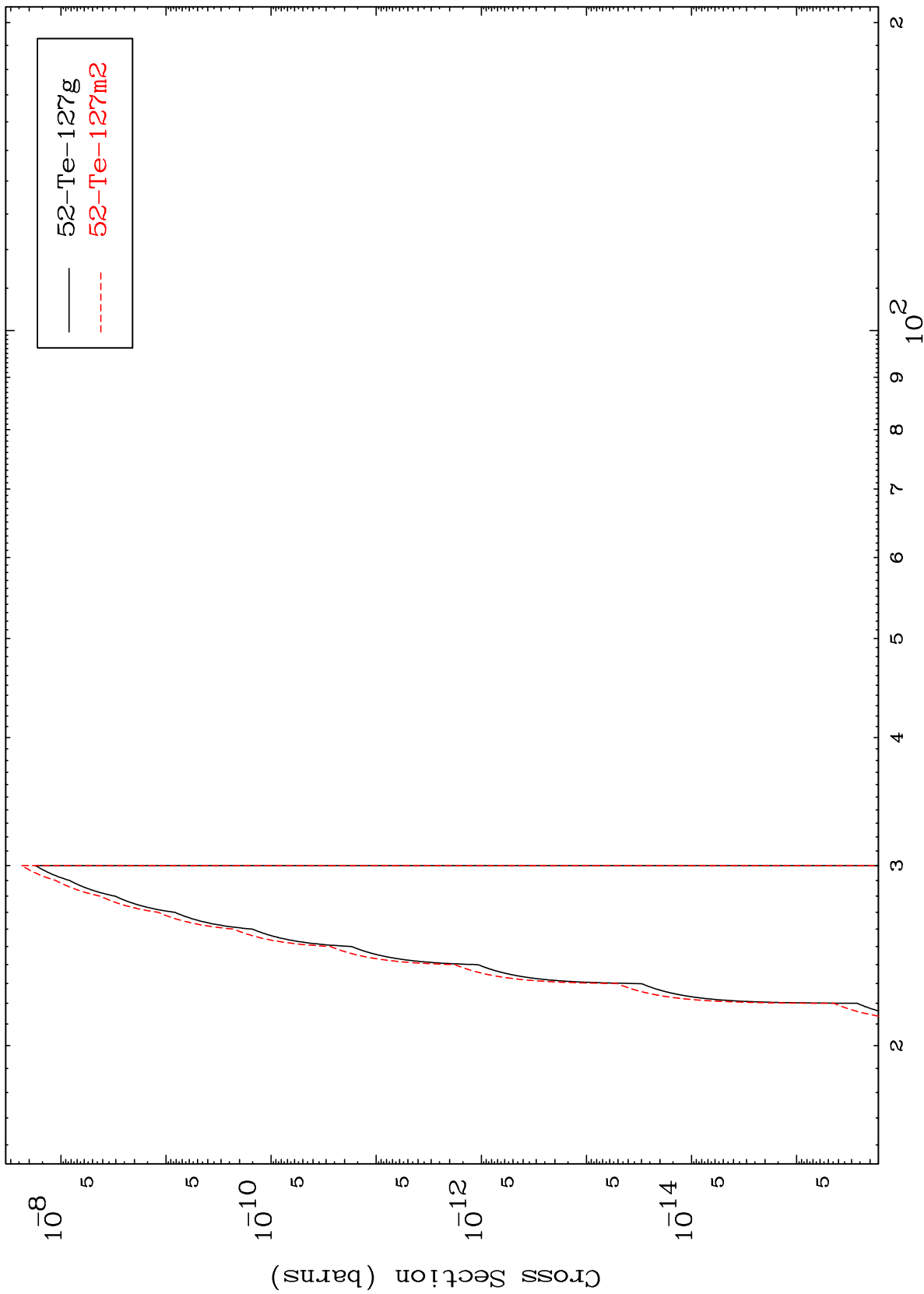
54-Xe-130

MAT 5443

(n,p) t

54-Xe-130

Radionuclide Production Cross Section



135

Incident Energy (MeV)

54-Xe-130