

Program EVALPLOT  
(Version 2021-1)

by

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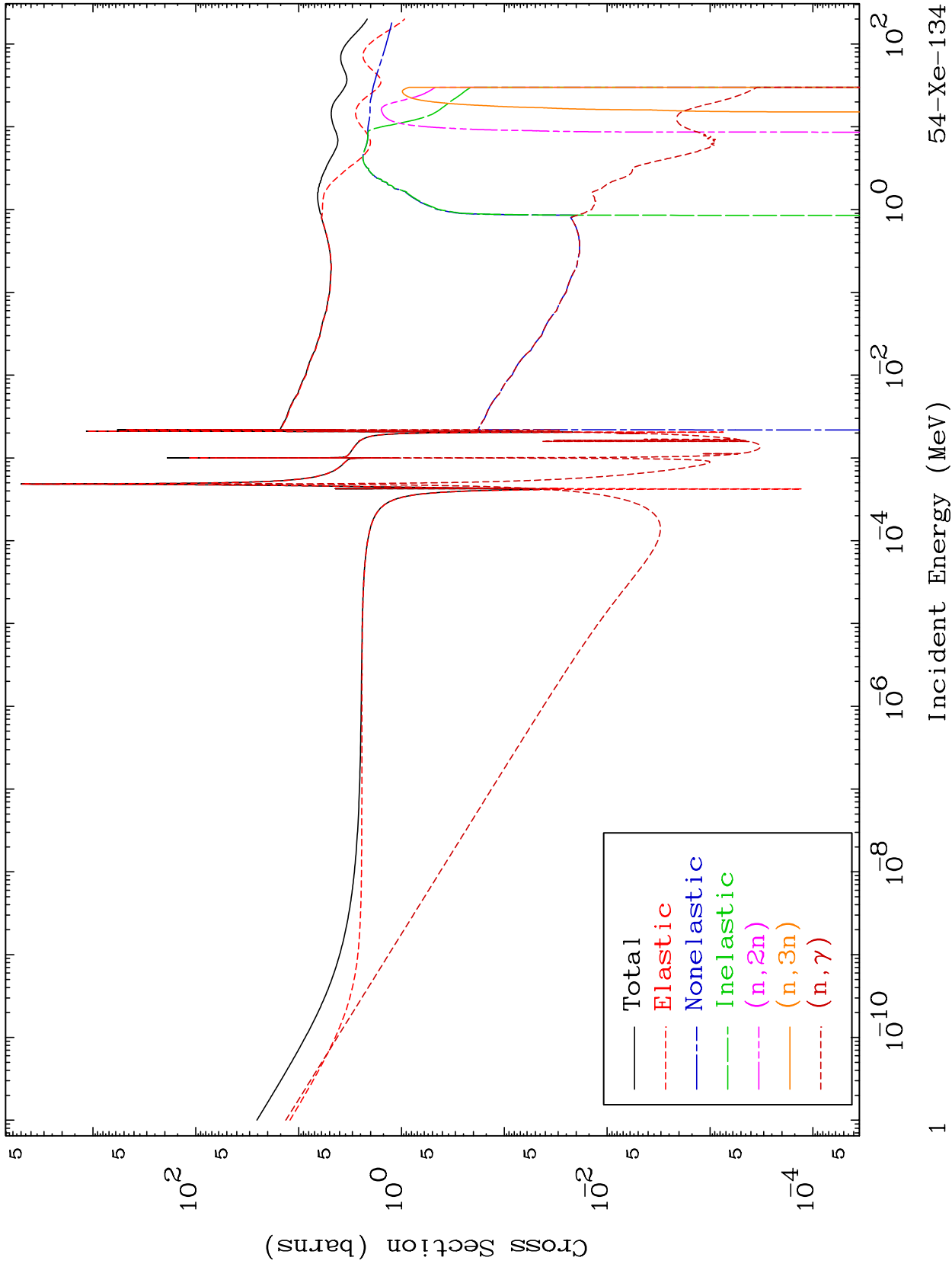
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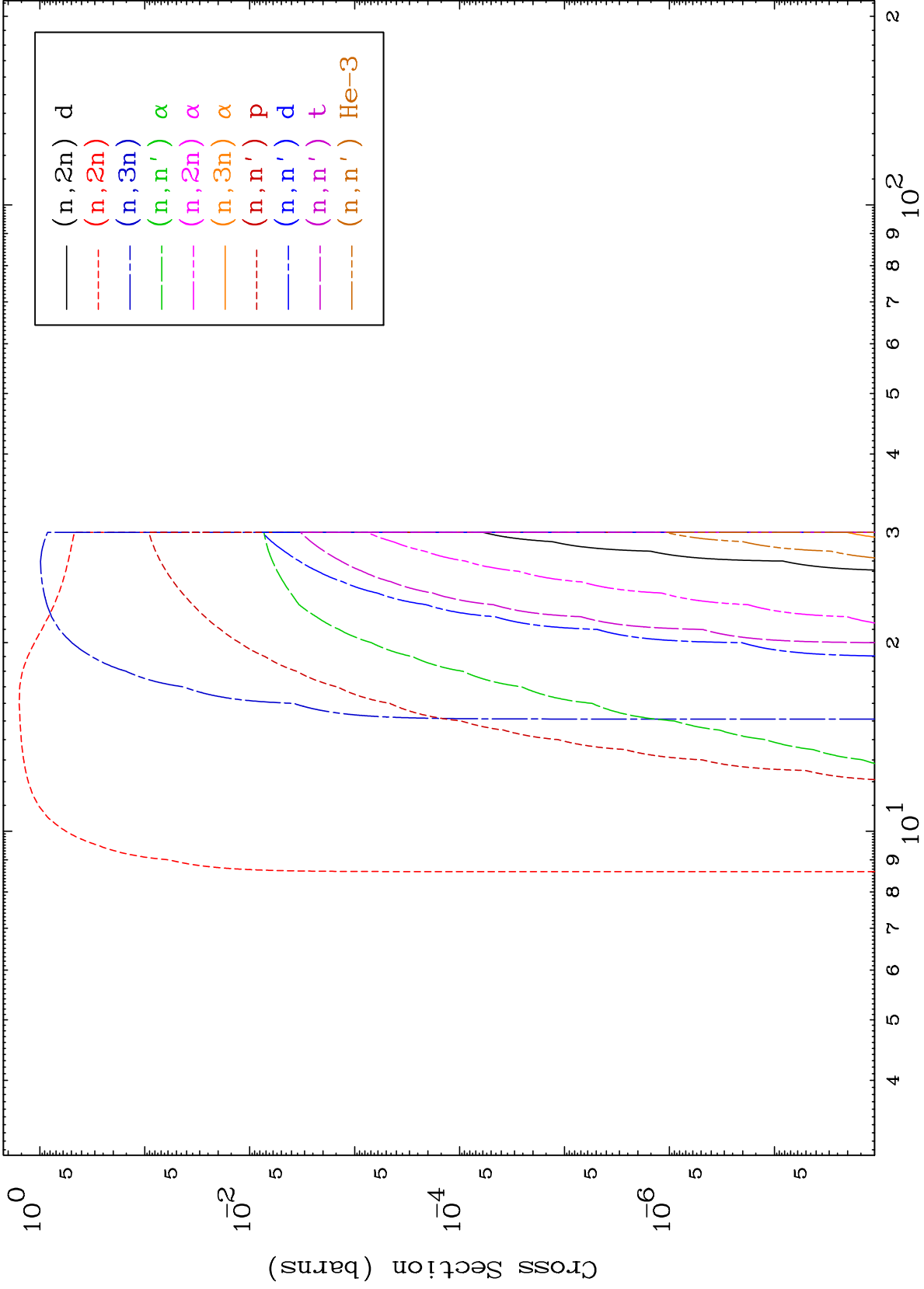
Press Mouse Button to Start

MAT 5455

Neutron Major  
293 Kelvin Cross Sections

54-Xe-134

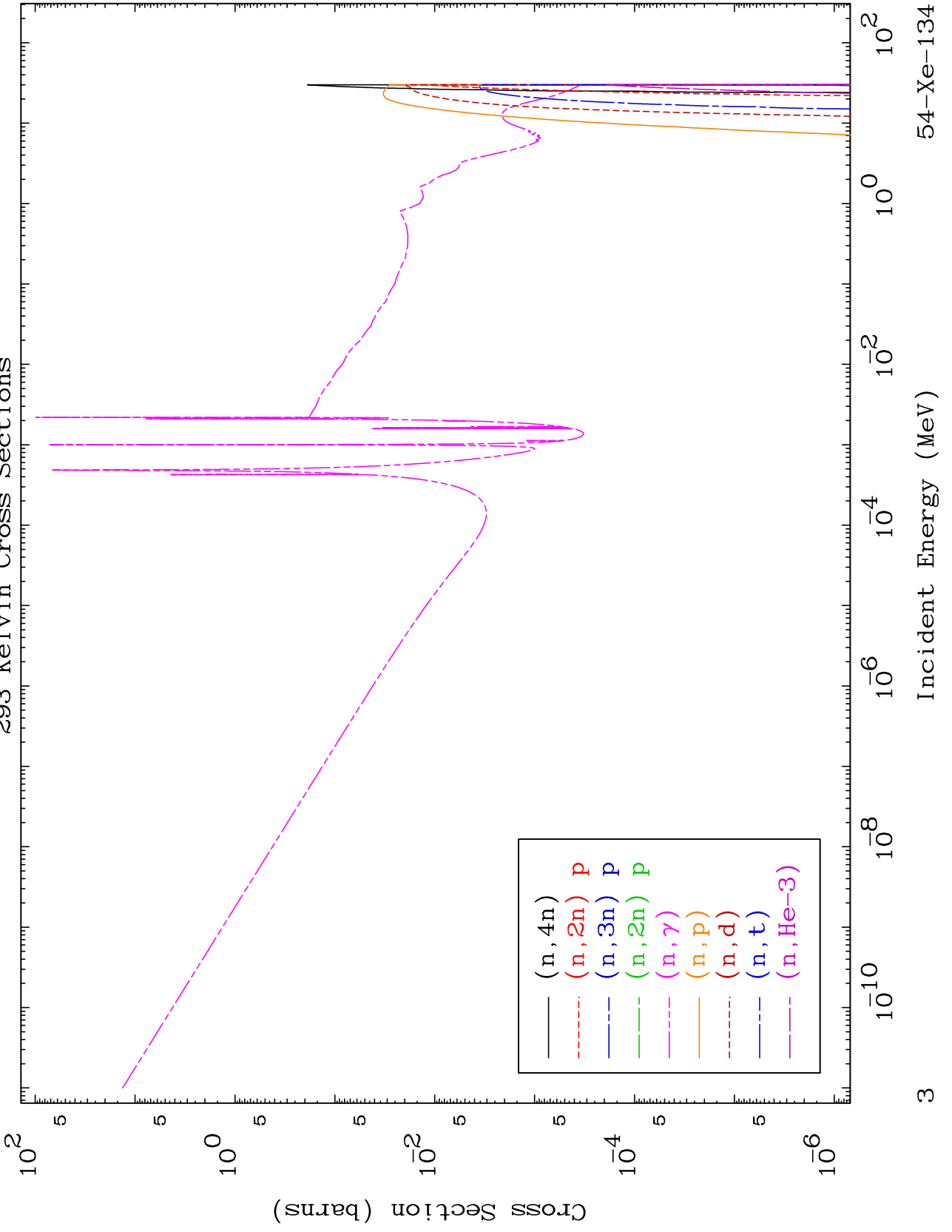


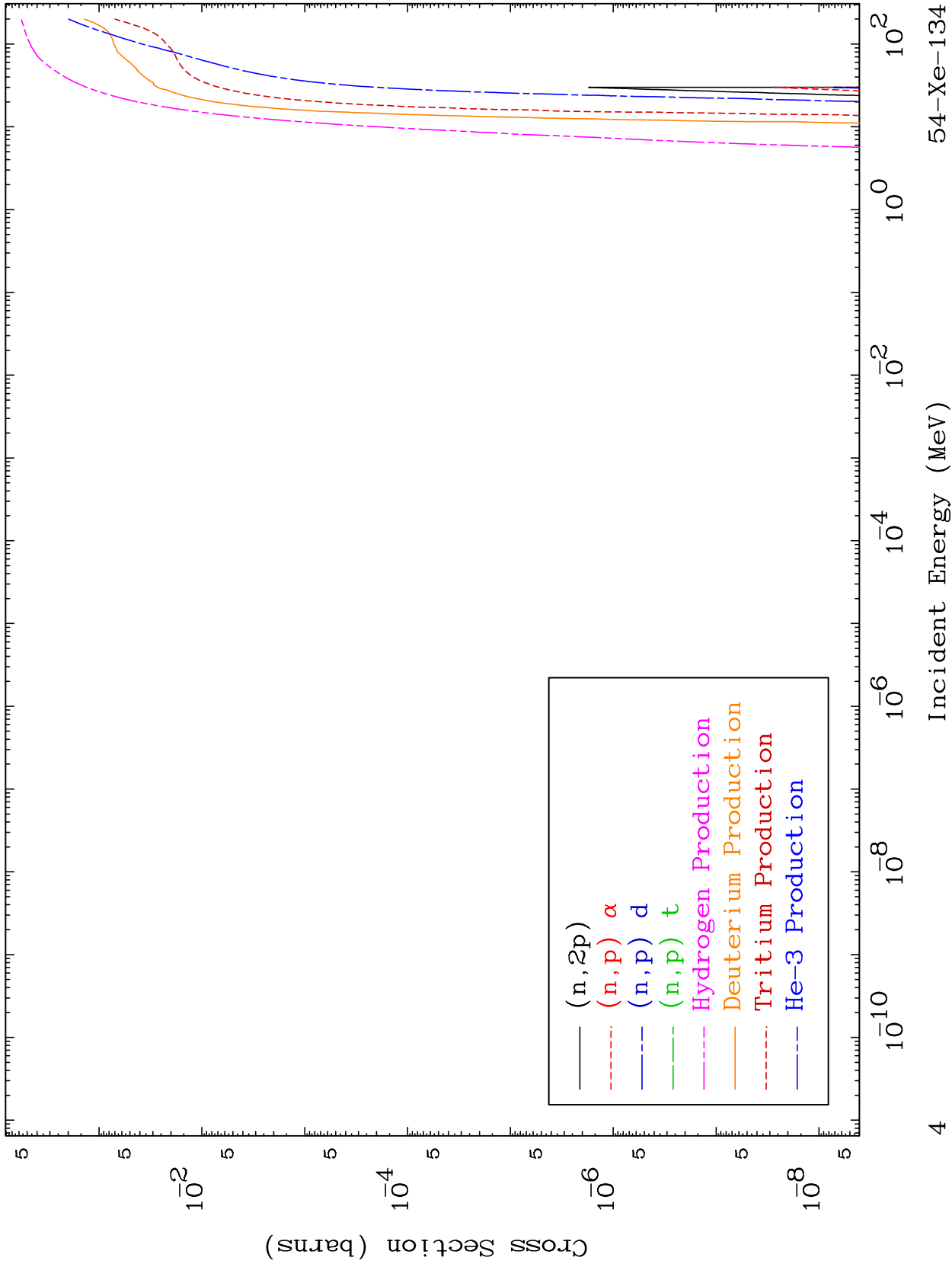


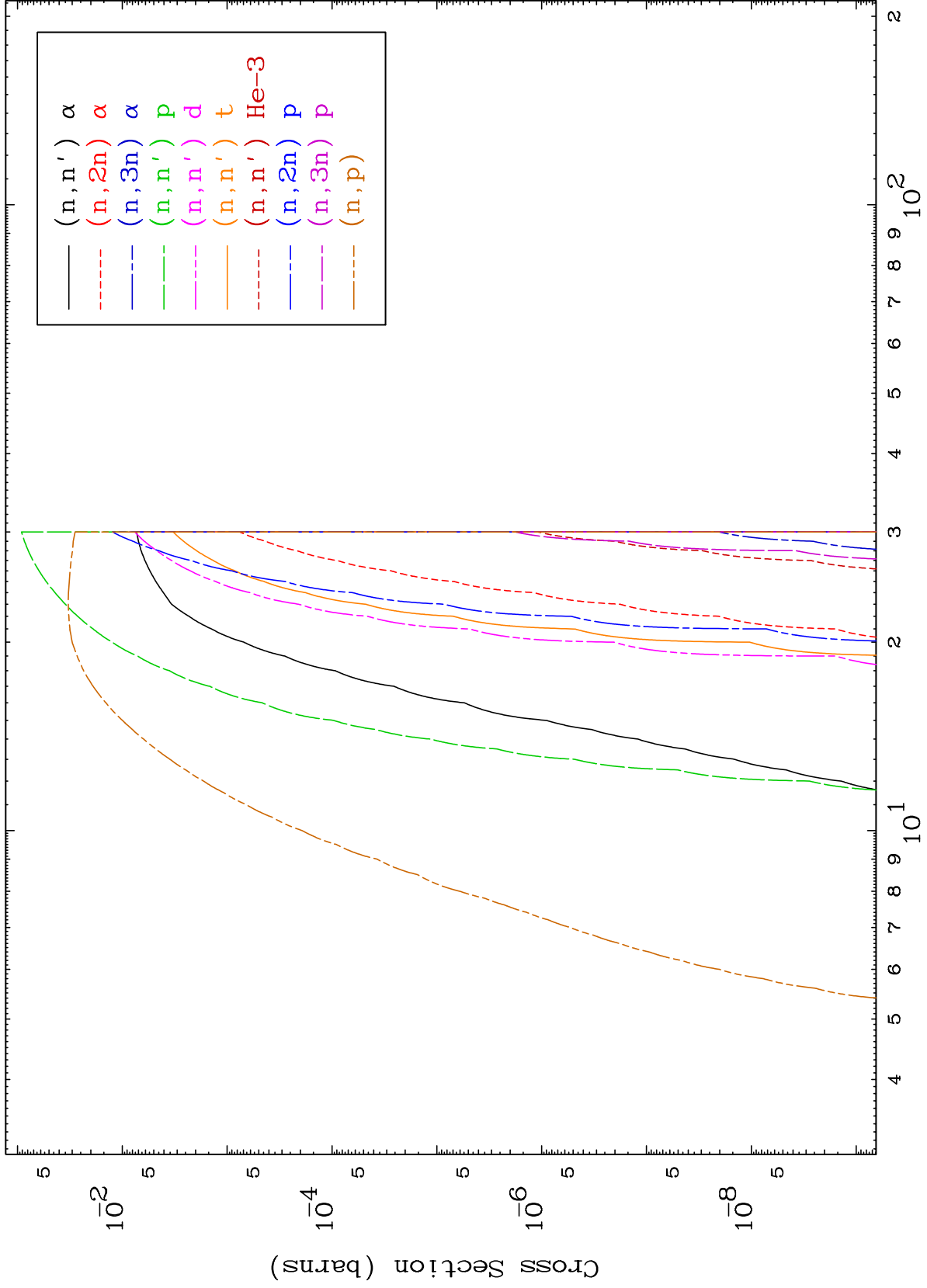
MAT 5455

Neutron Absorption  
293 Kelvin Cross Sections

54-Xe-134



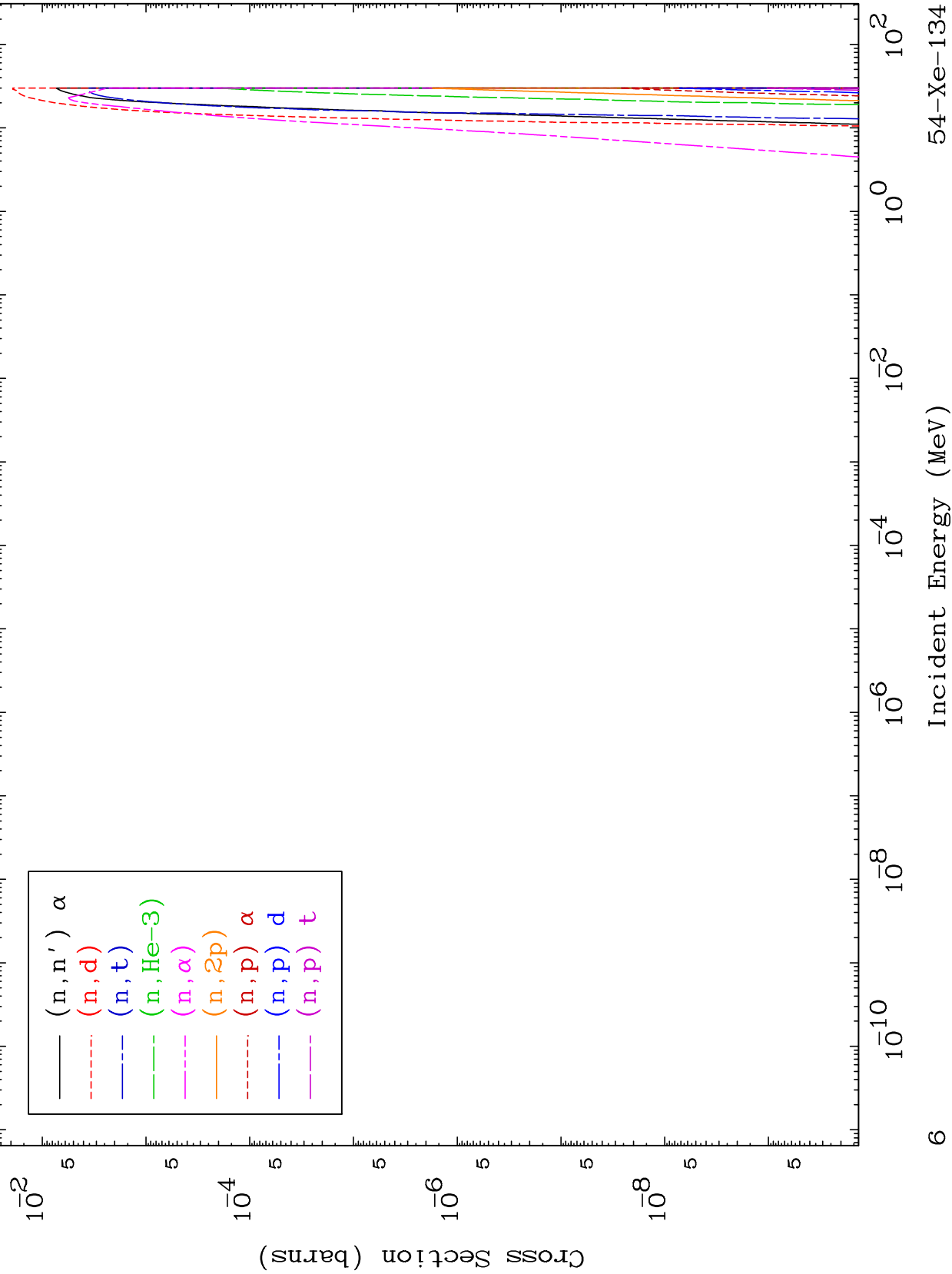




MAT 5455

Charged Particle  
293 Kelvin Cross Sections

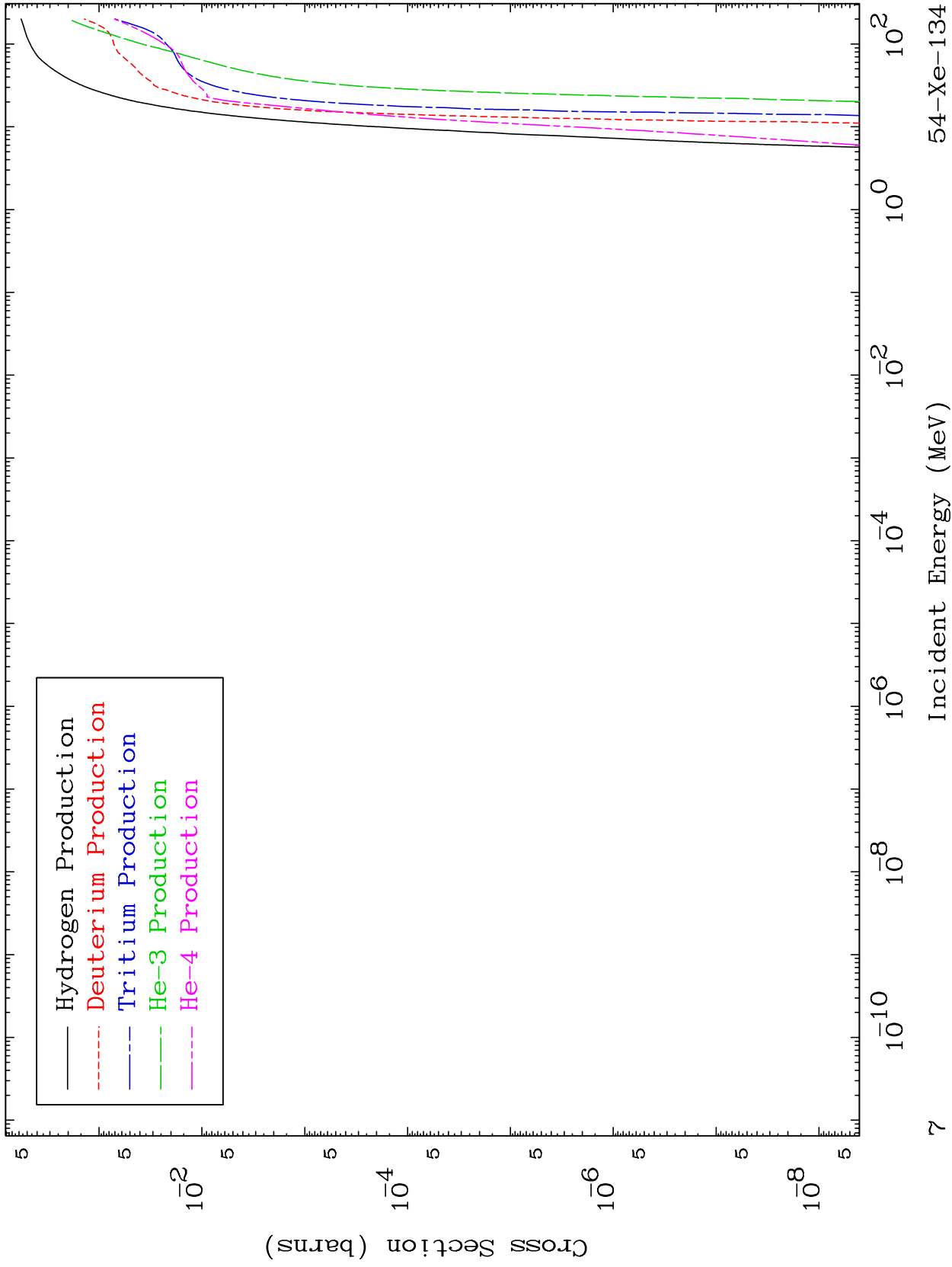
54-Xe-134



MAT 5455

Particle Production  
293 Kelvin Cross Sections

54-Xe-134



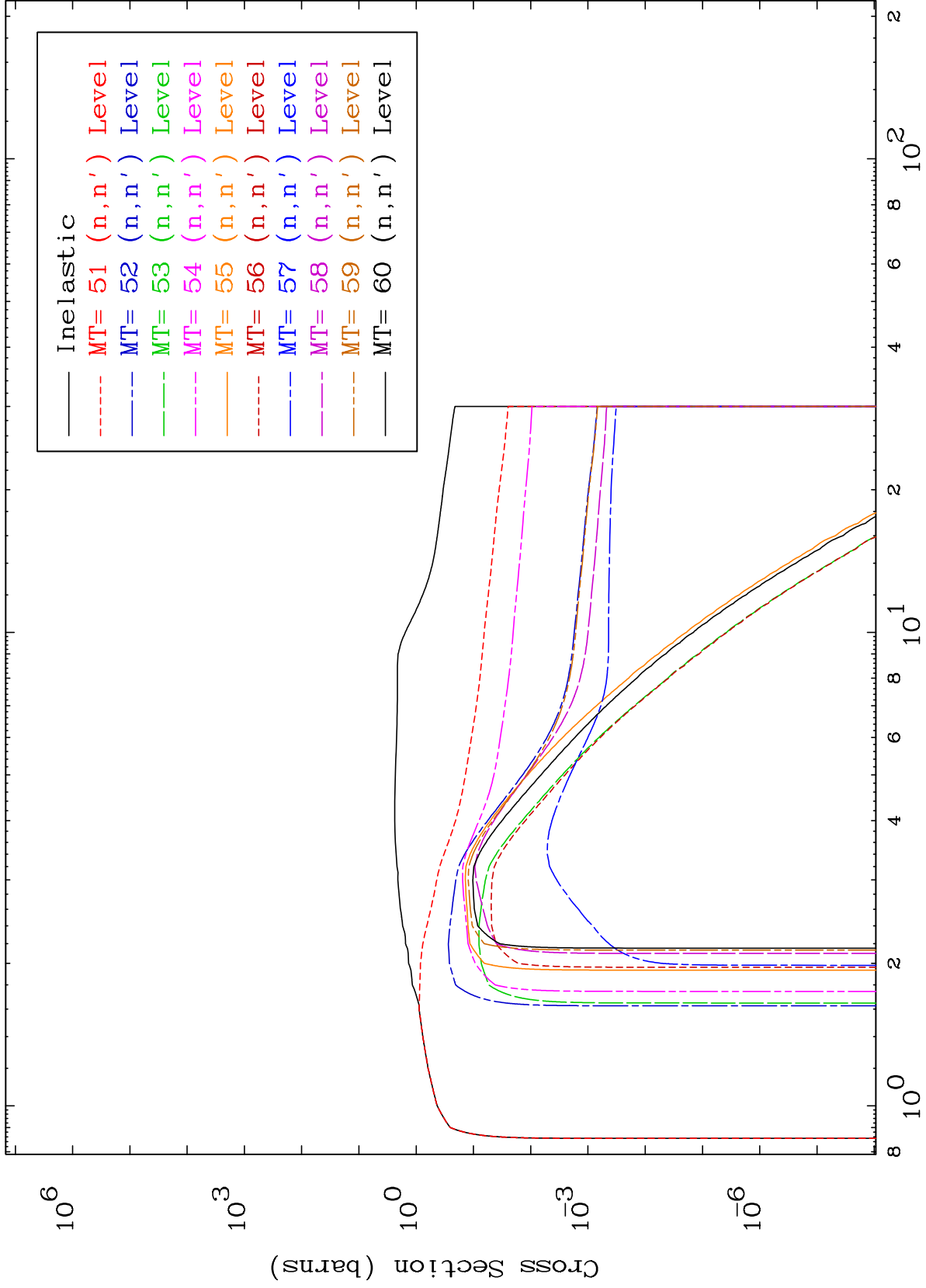


MAT 5455

(n,n') Levels

54-Xe-134

293 Kelvin Cross Sections



Incident Energy (MeV)

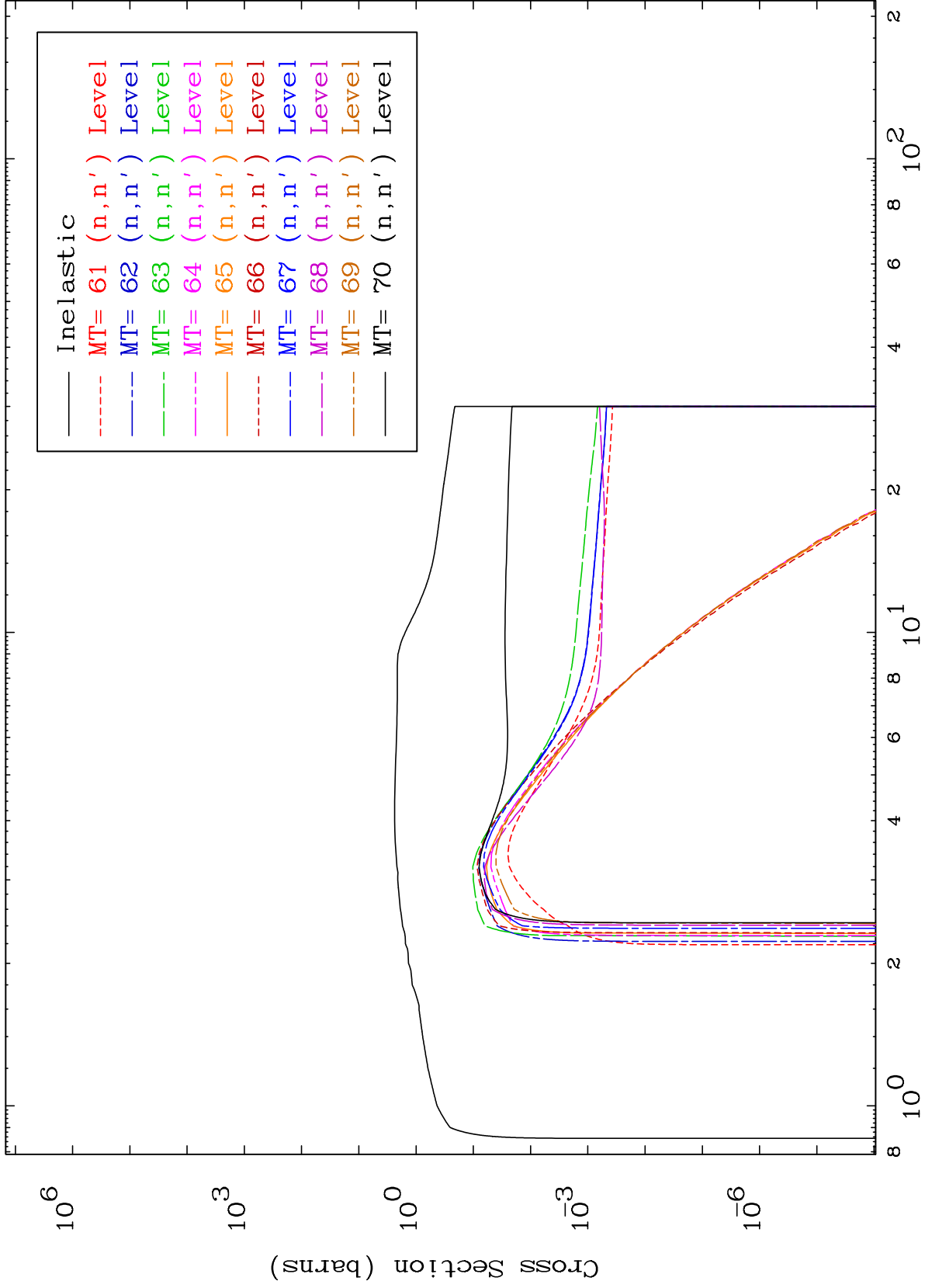
54-Xe-134

MAT 5455

(n,n') Levels

54-Xe-134

293 Kelvin Cross Sections



9

Incident Energy (MeV)

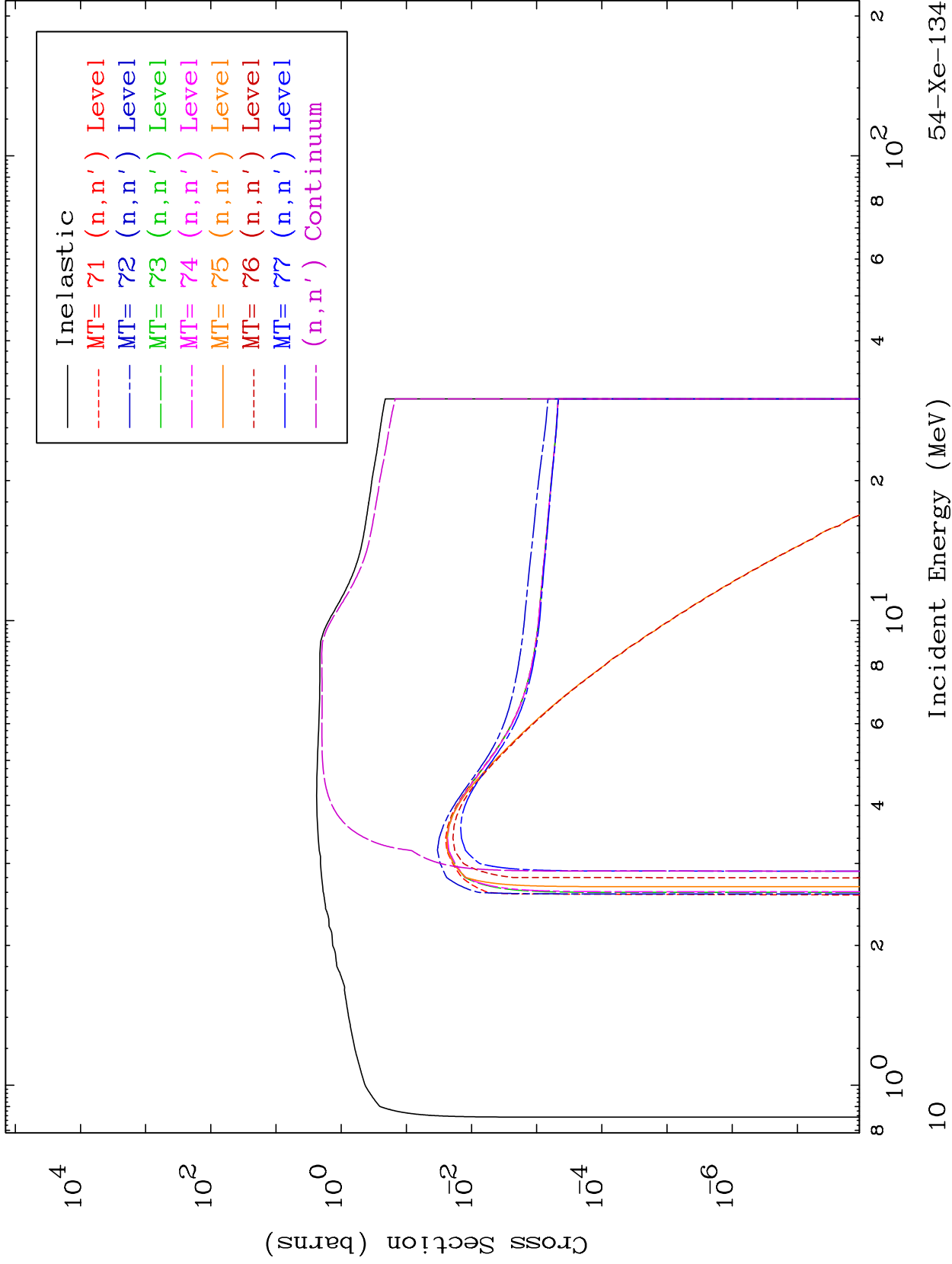
54-Xe-134

MAT 5455

(n,n') Levels

293 Kelvin Cross Sections

54-Xe-134

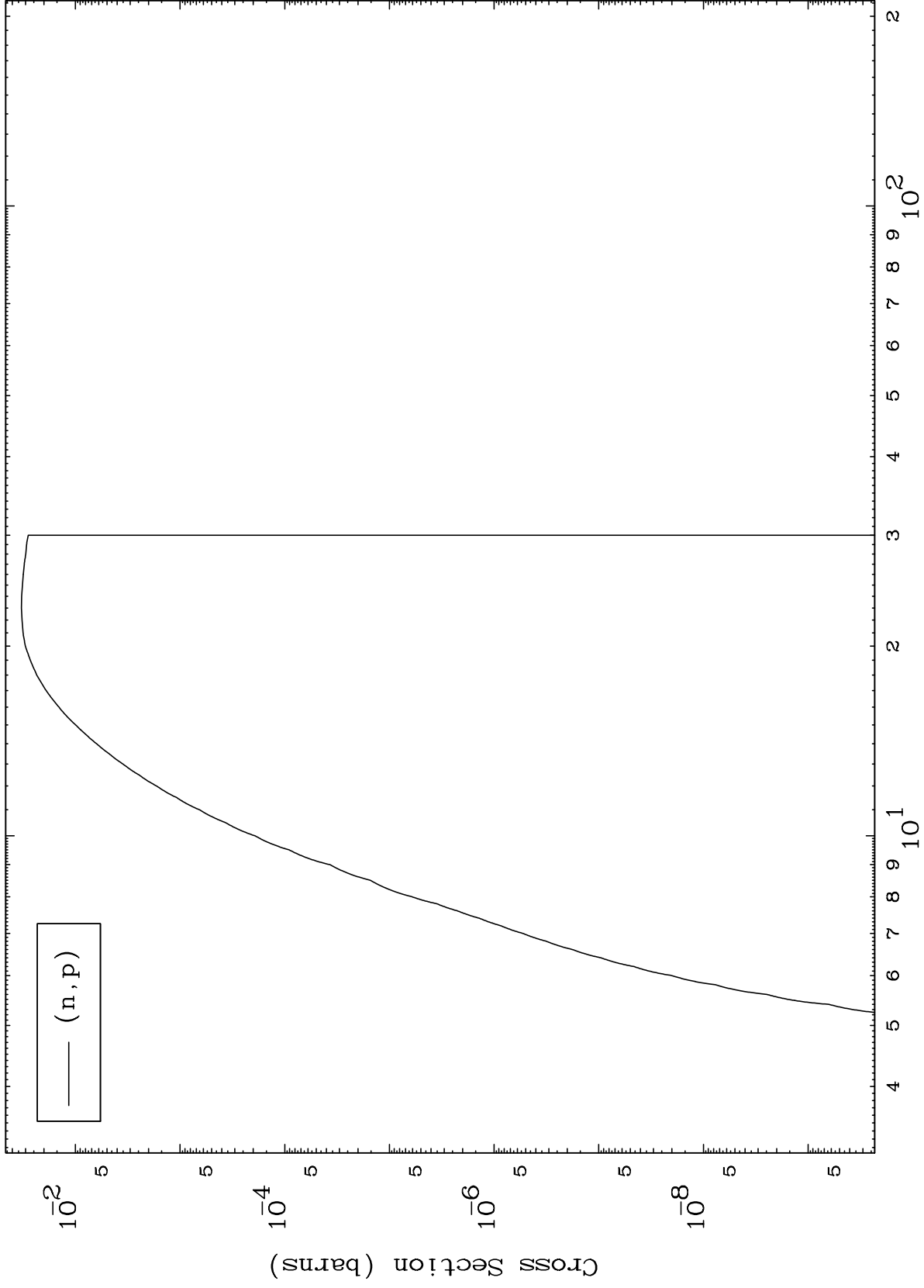


54-Xe-134

MAT 5455

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-134



11

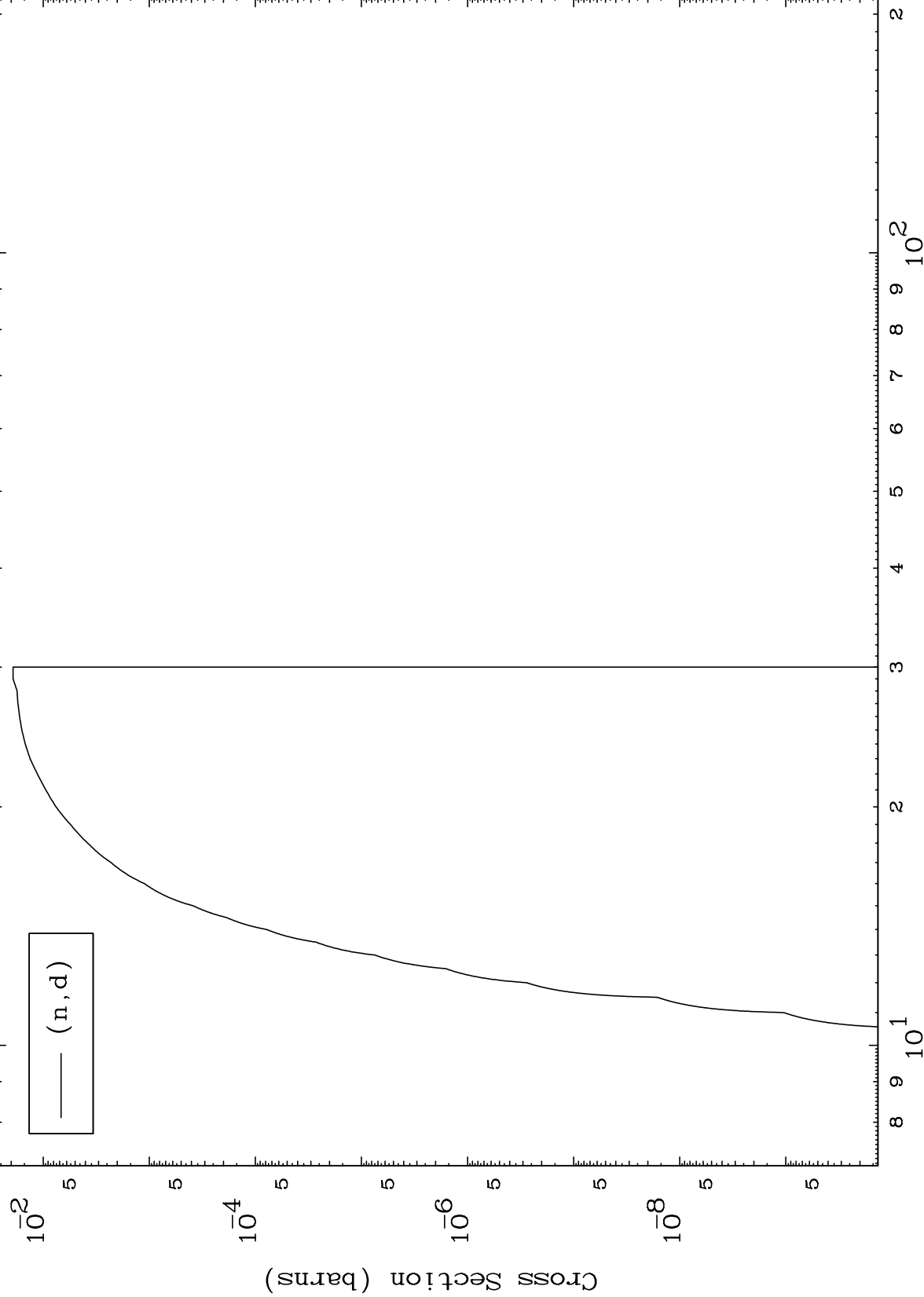
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-134



12

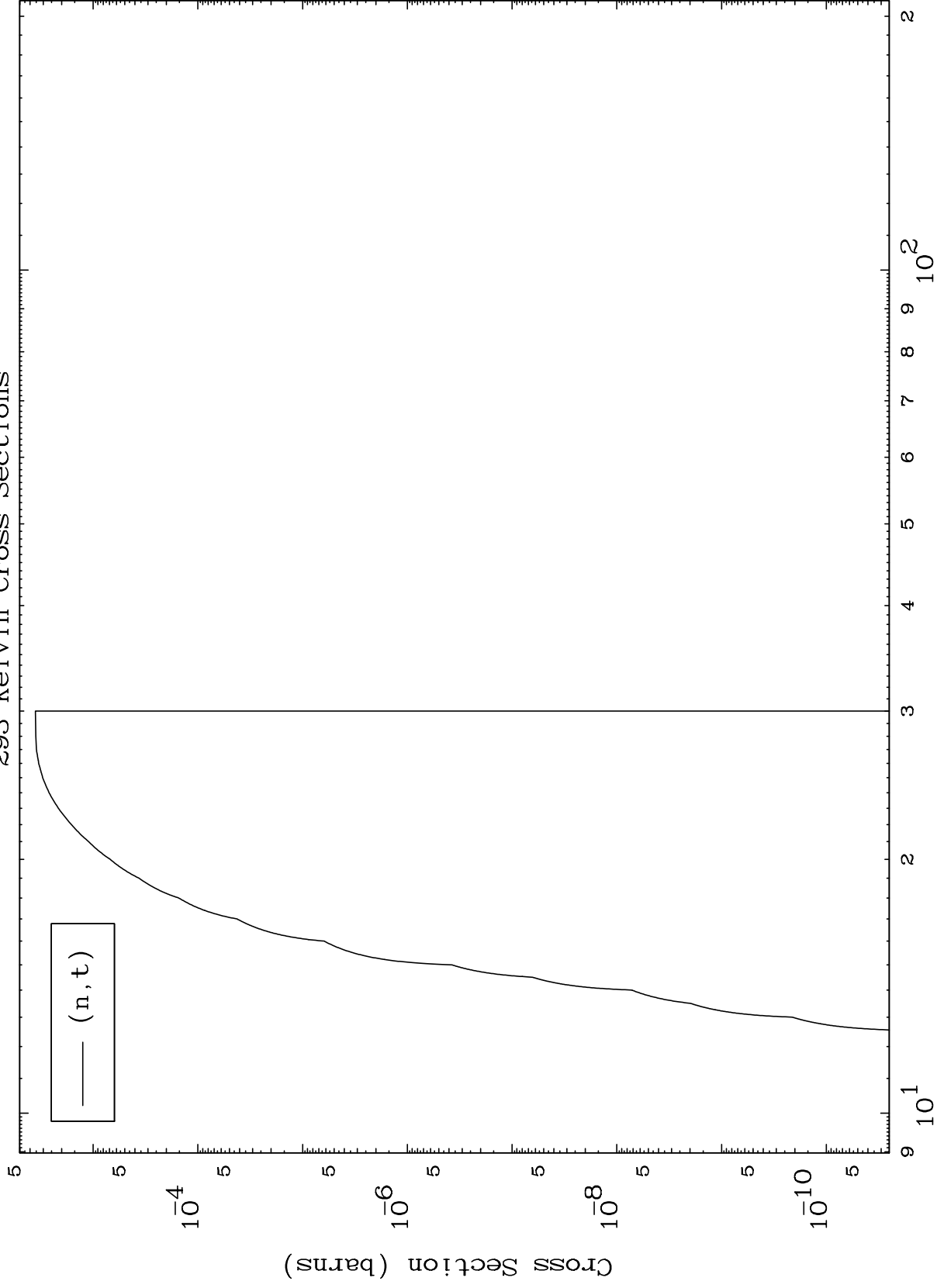
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-134



13

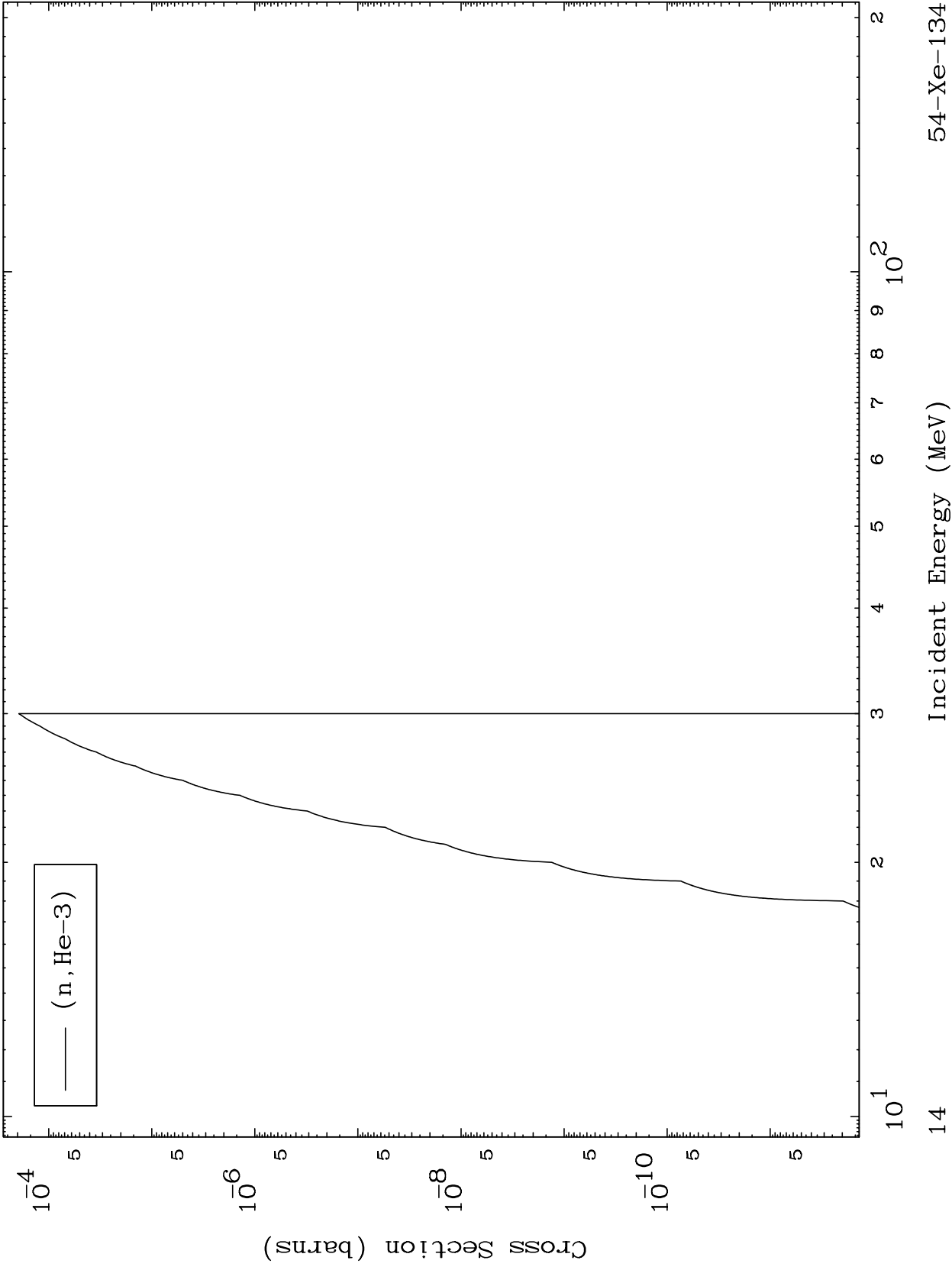
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-134



54-Xe-134

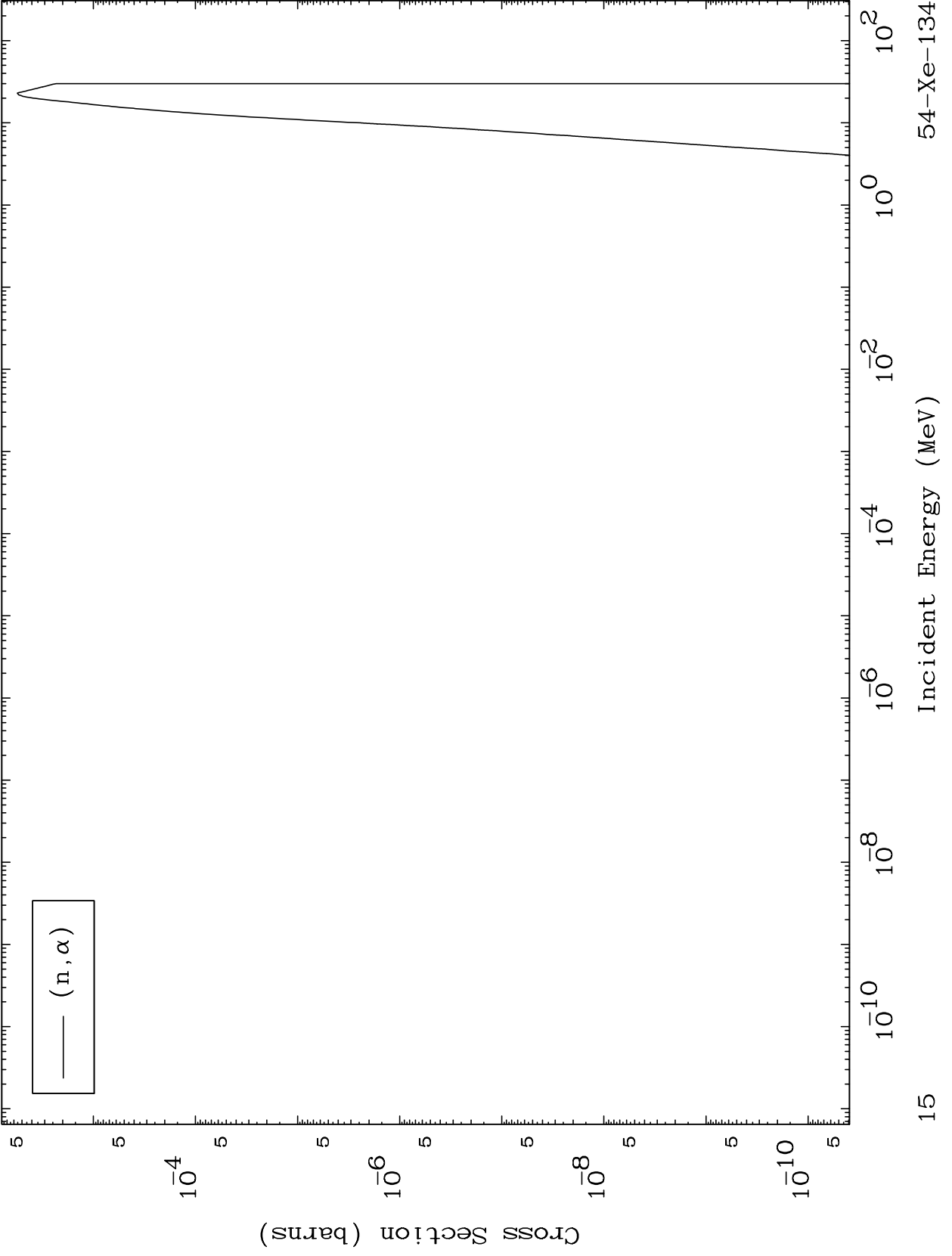
Incident Energy (MeV)

14

MAT 5455

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

54-Xe-134



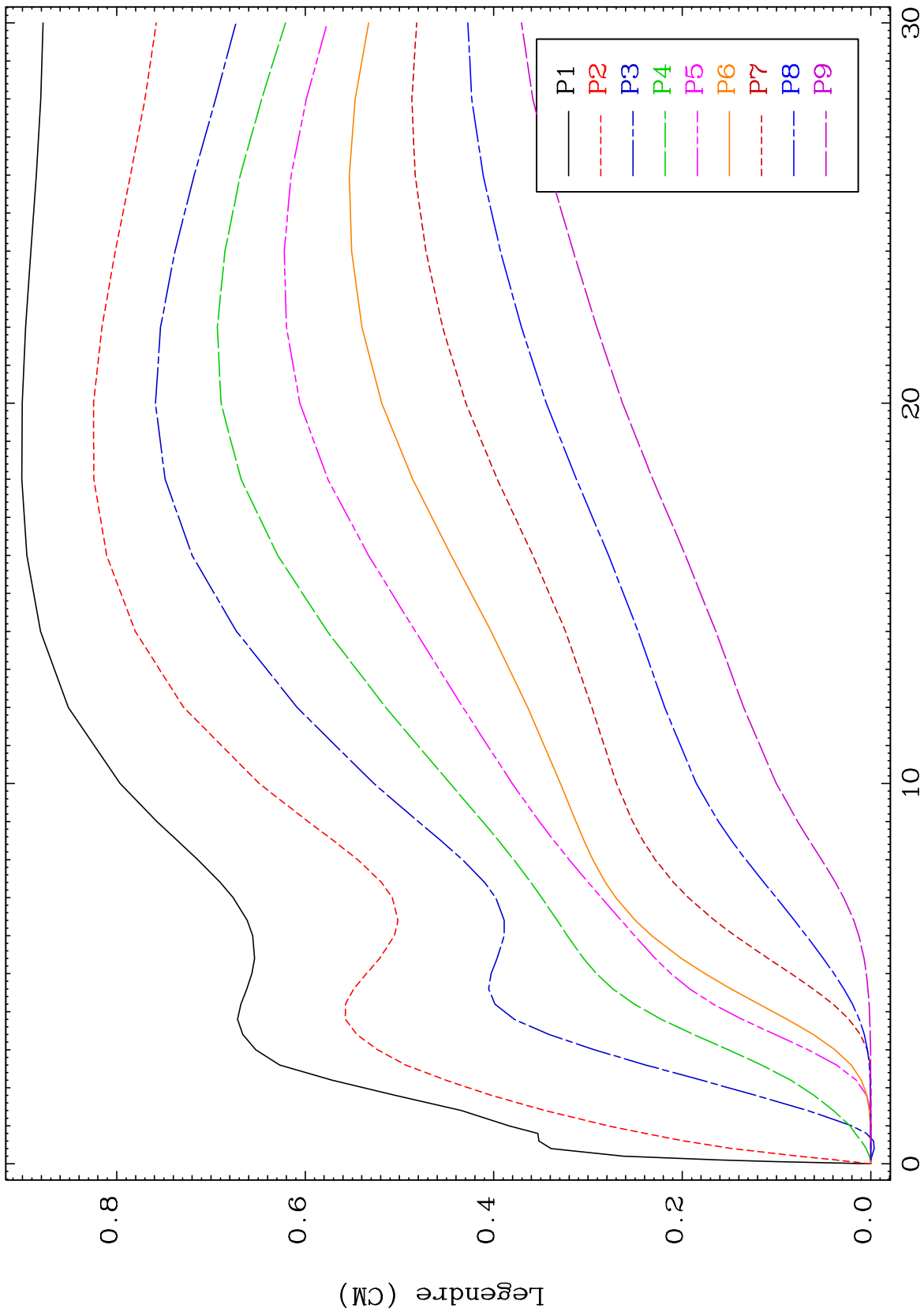
15



MAT 5455

Elastic Legendre Coefficients

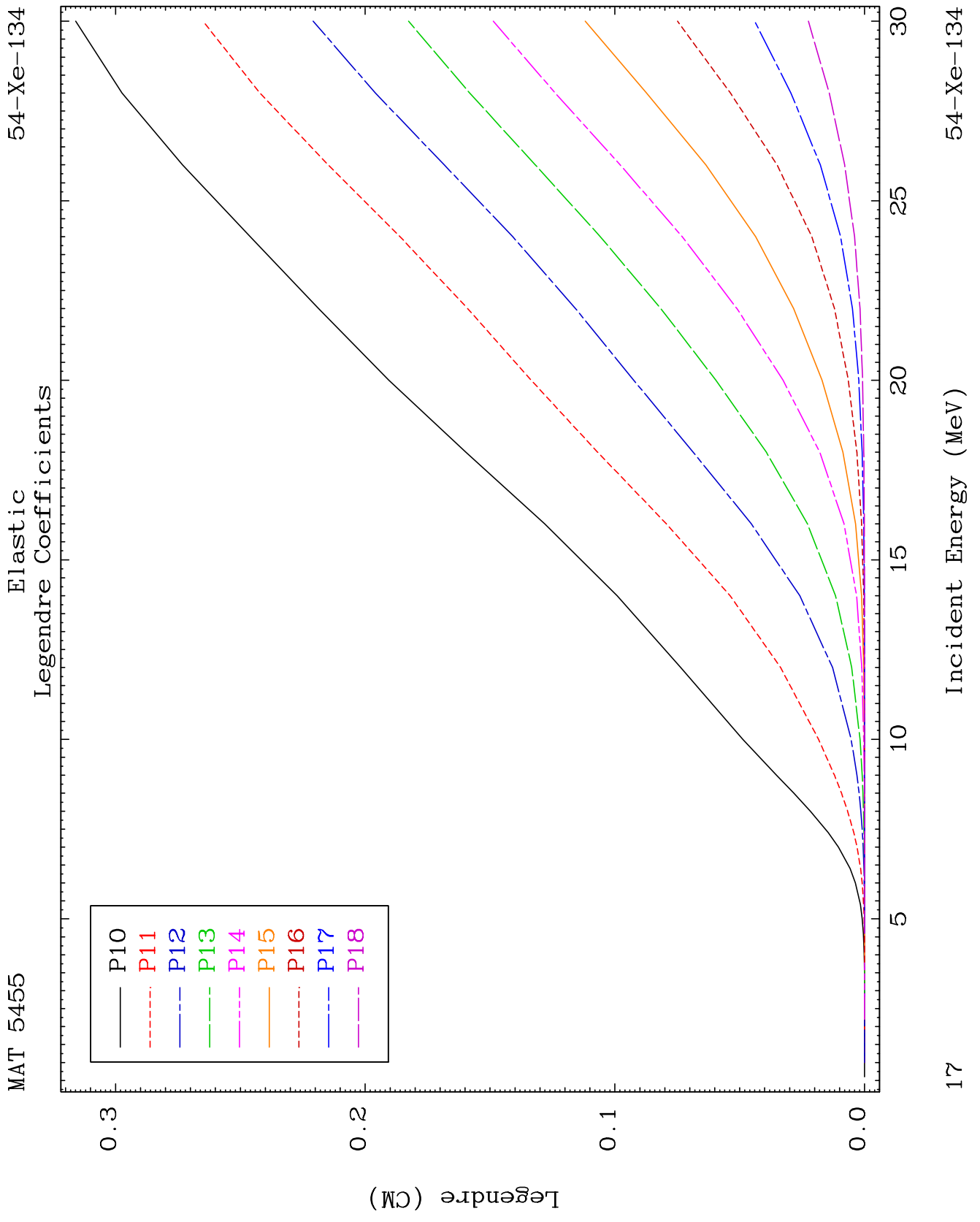
54-Xe-134



16

Incident Energy (MeV)

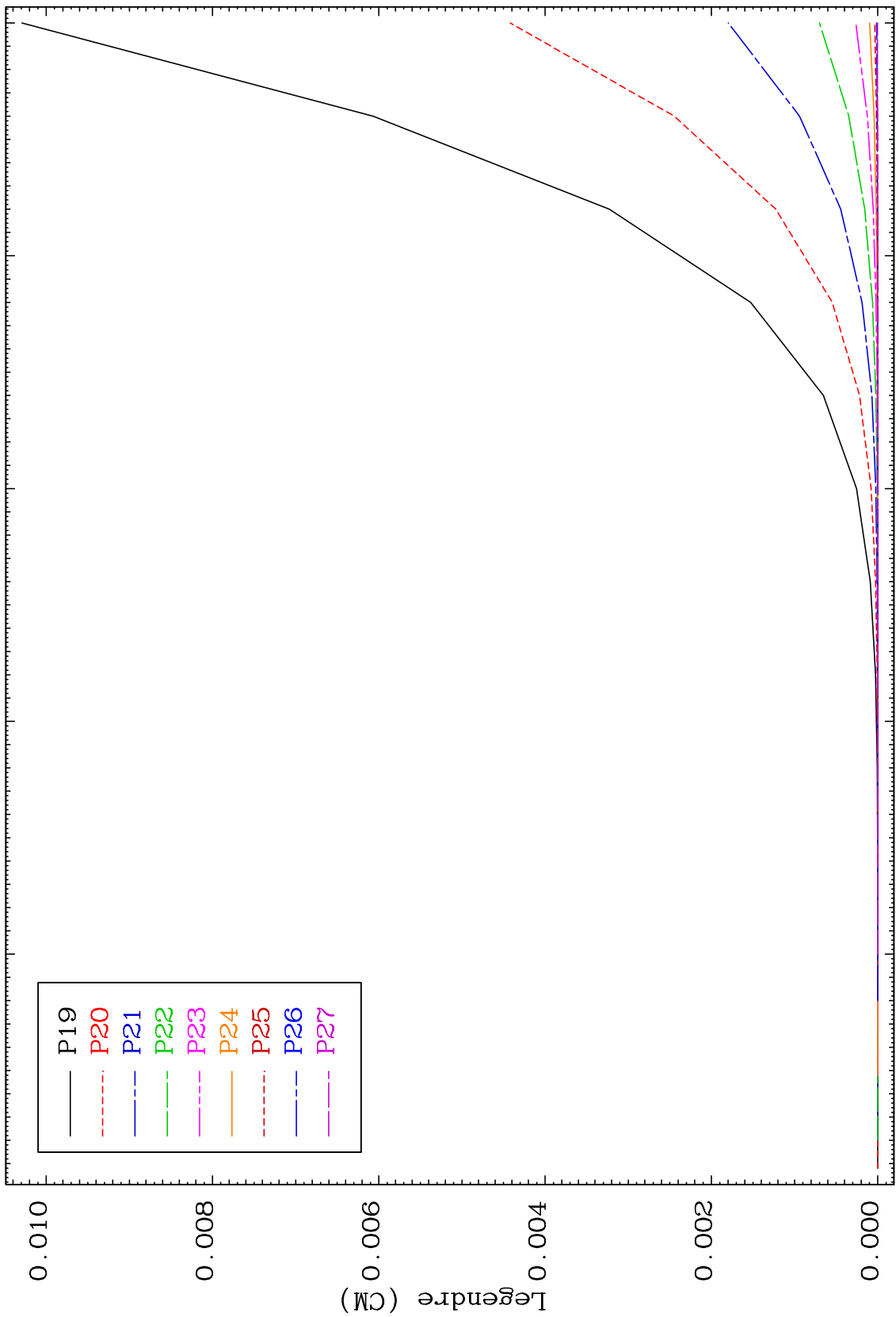
54-Xe-134



MAT 5455

Elastic Legendre Coefficients

54-Xe-134



18

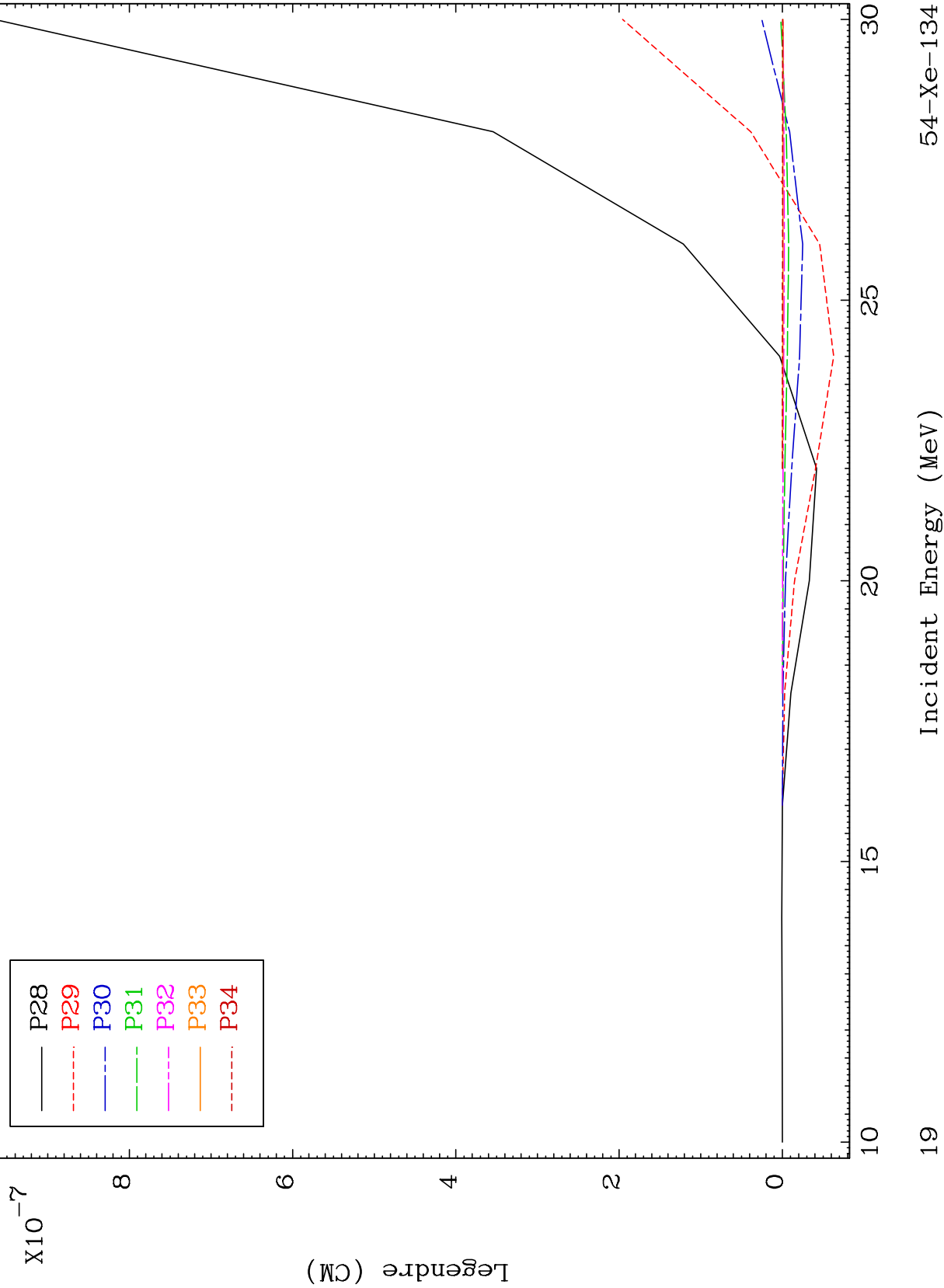
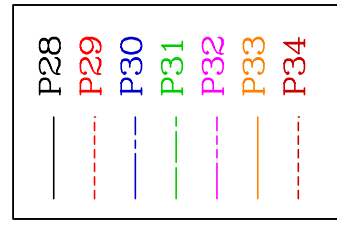
Incident Energy (MeV)

54-Xe-134

MAT 5455

Elastic Legendre Coefficients

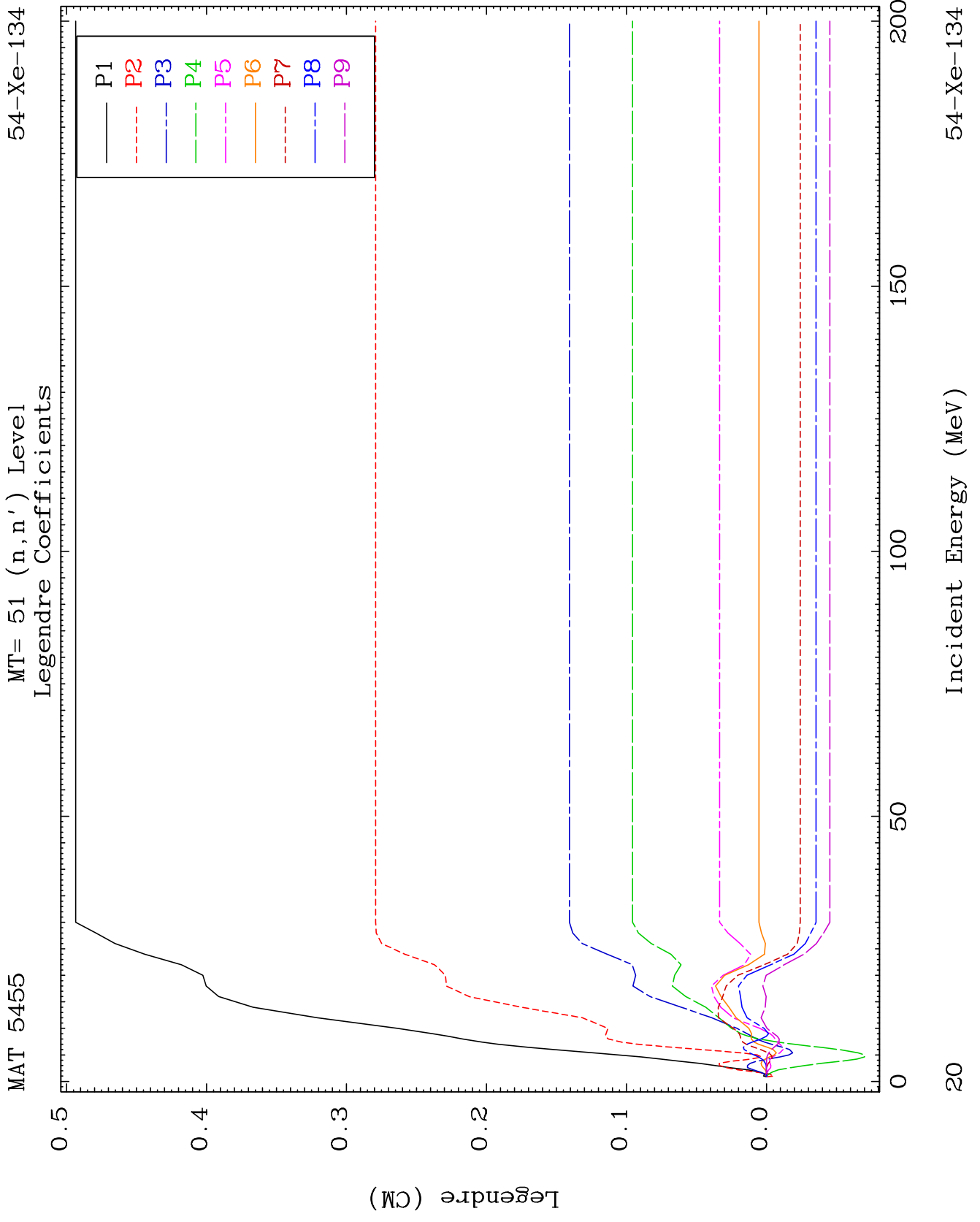
54-Xe-134



19

Incident Energy (MeV)

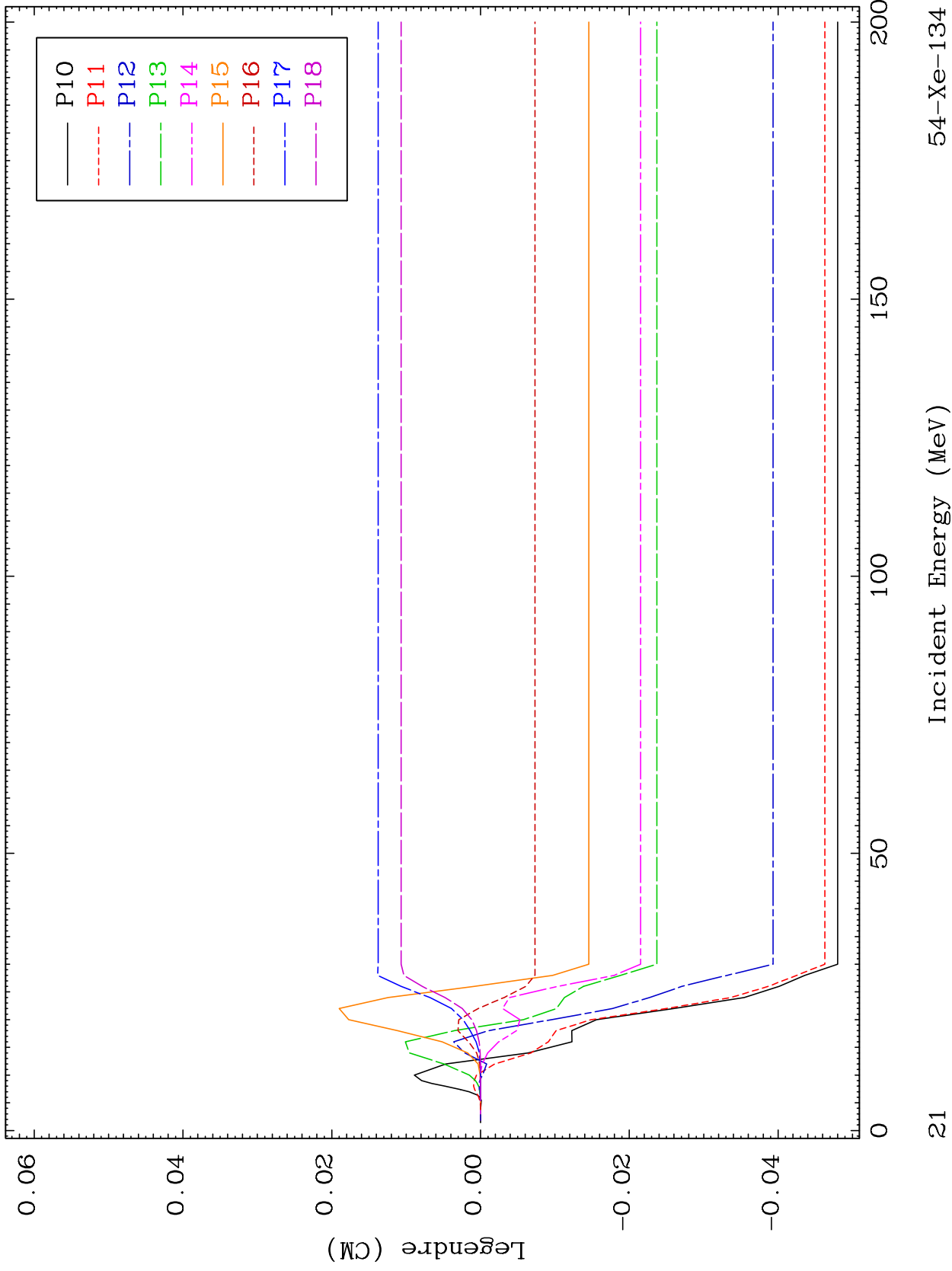
54-Xe-134



MAT 5455

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

54-Xe-134



21

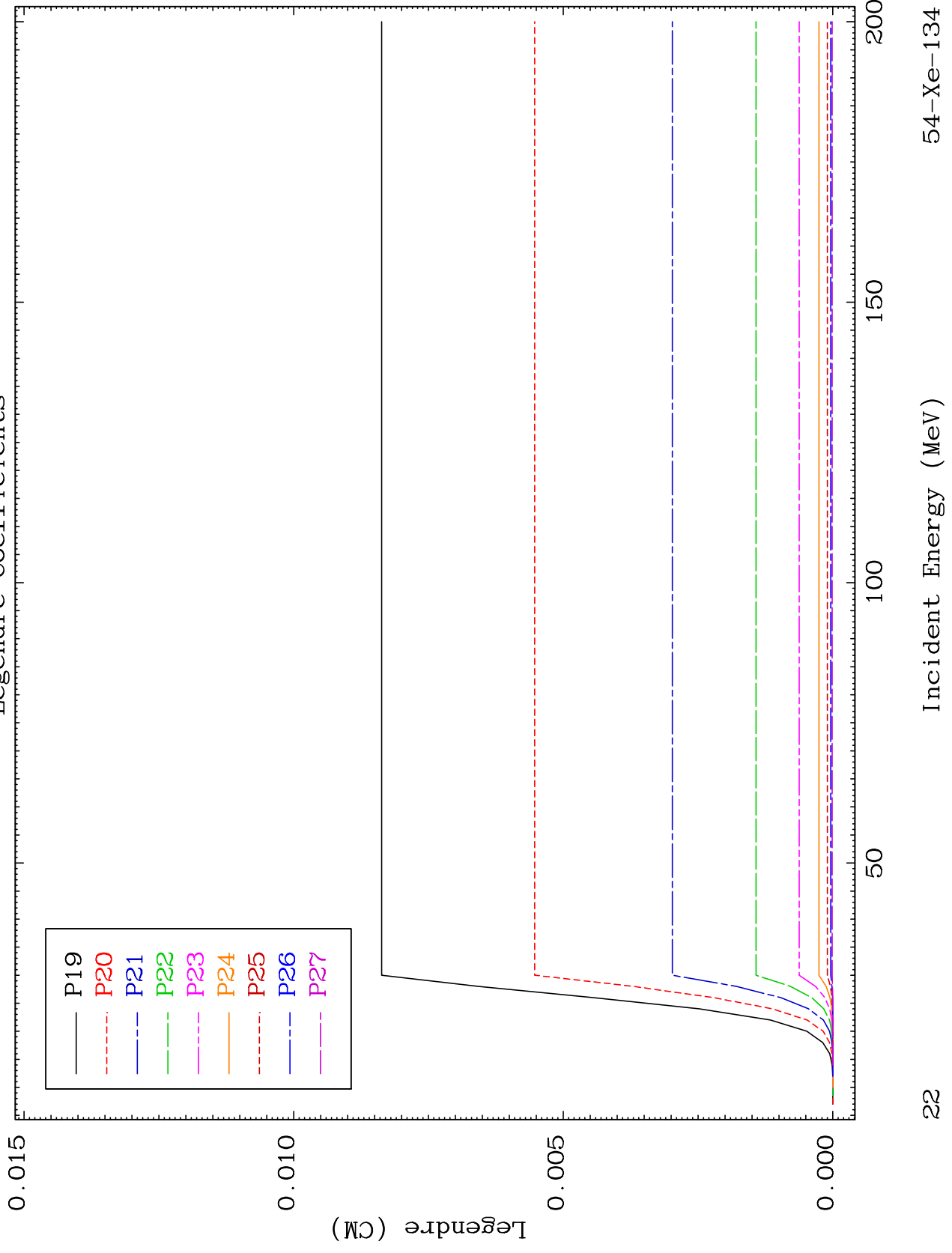
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

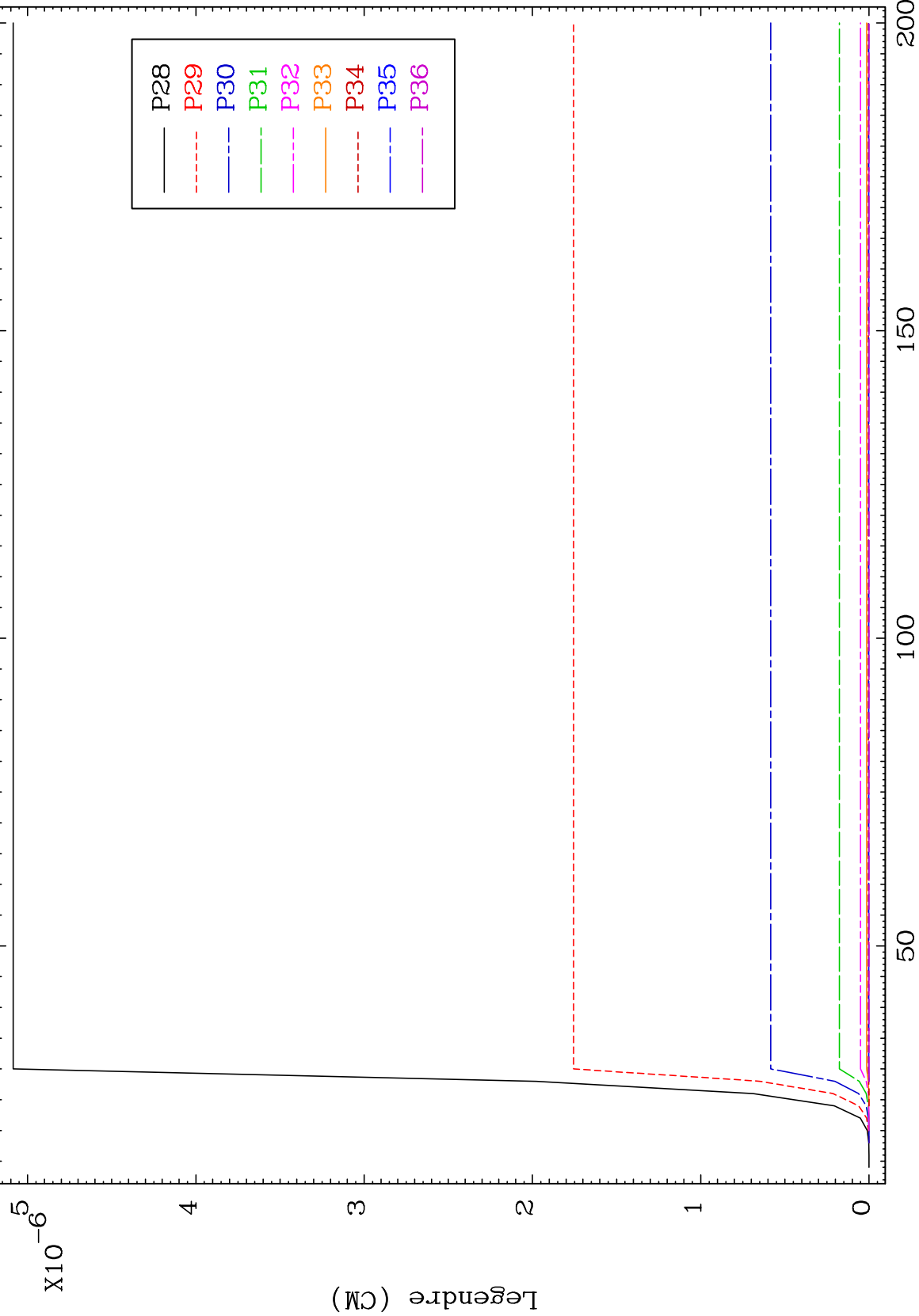
54-Xe-134



MAT 5455

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

54-Xe-134



23

Incident Energy (MeV)

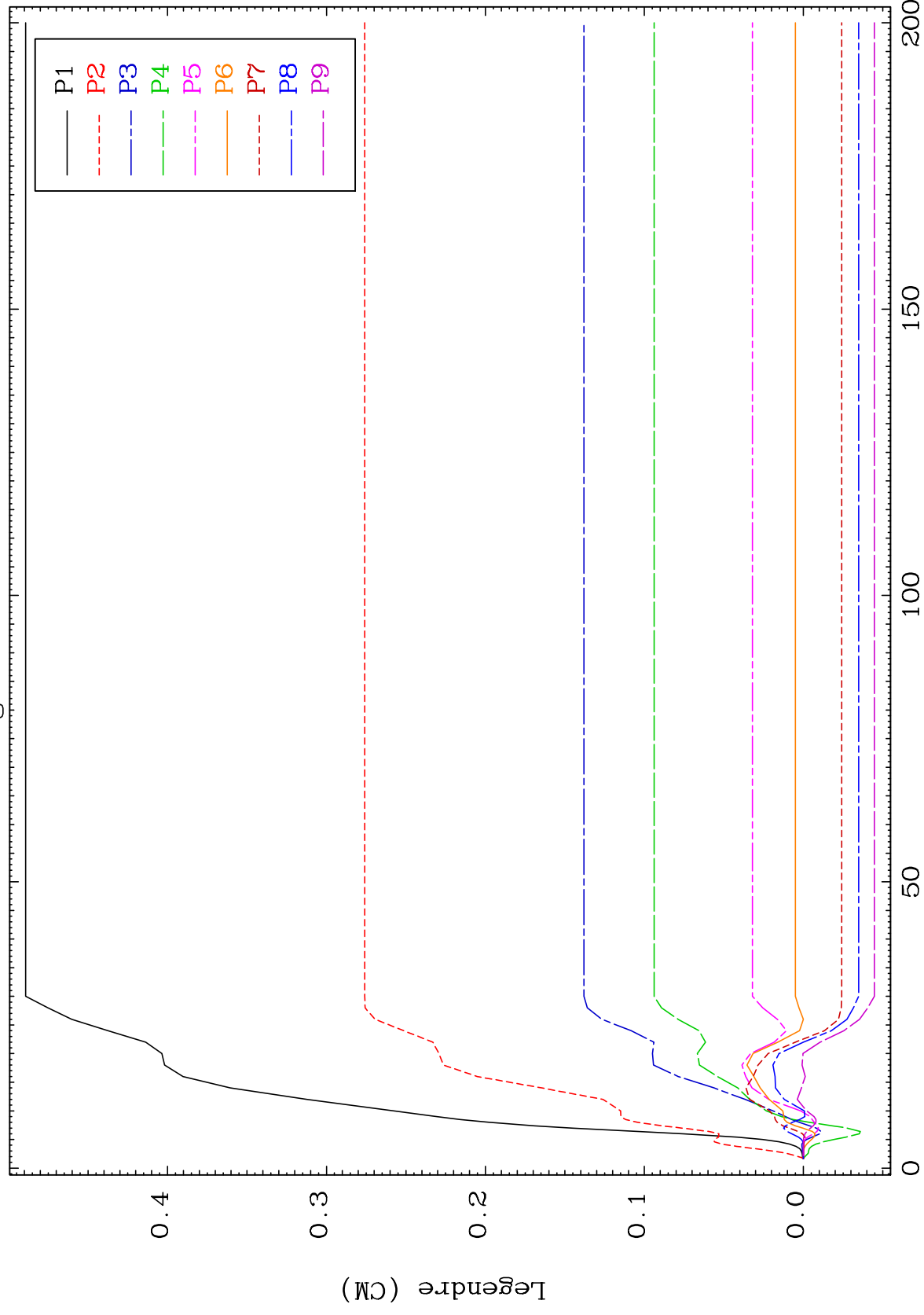
54-Xe-134



MAT 5455

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

54-Xe-134



54-Xe-134

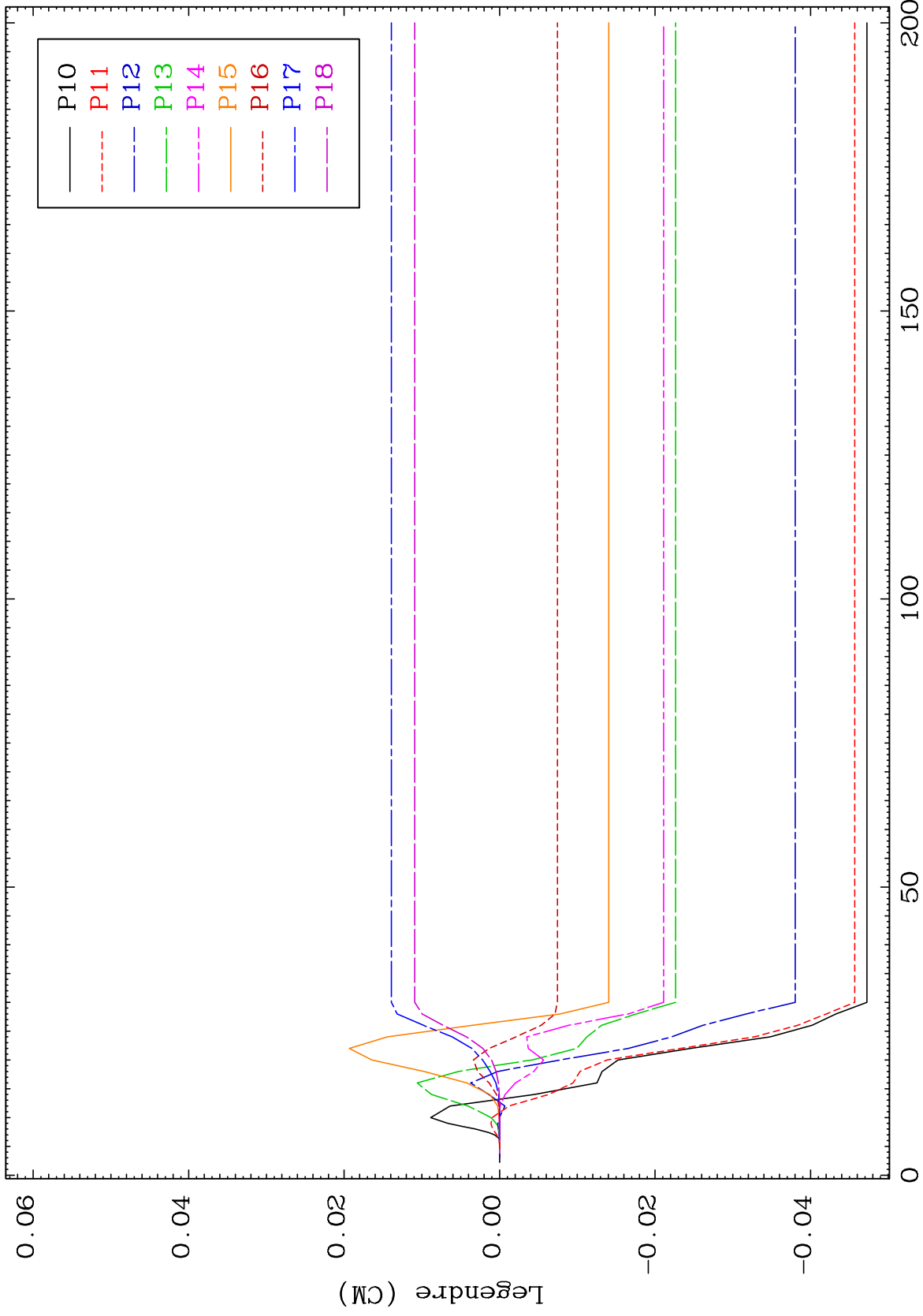
Incident Energy (MeV)

24

MAT 5455

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

54-Xe-134



54-Xe-134

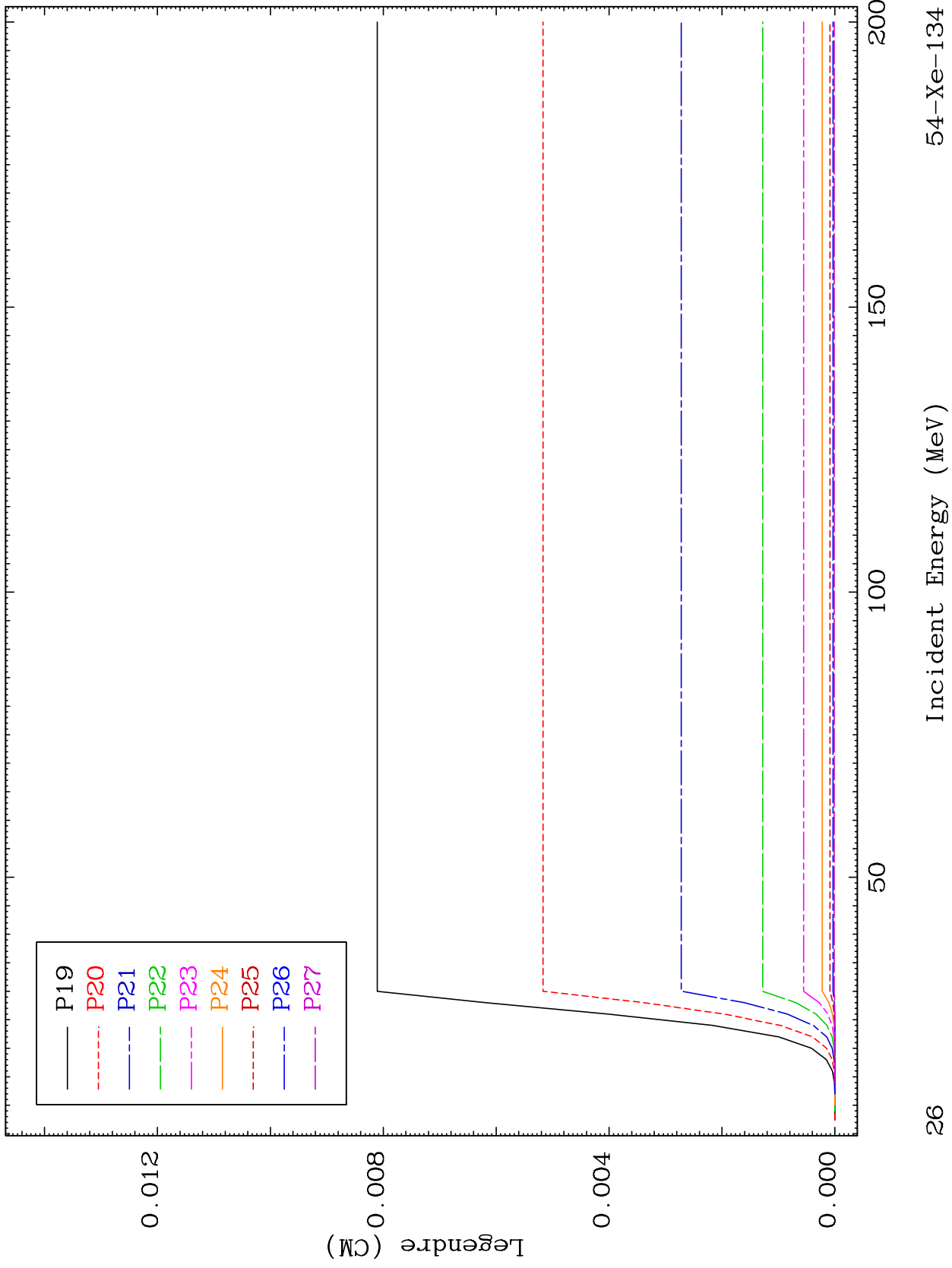
Incident Energy (MeV)

25

MAT 5455

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

54-Xe-134



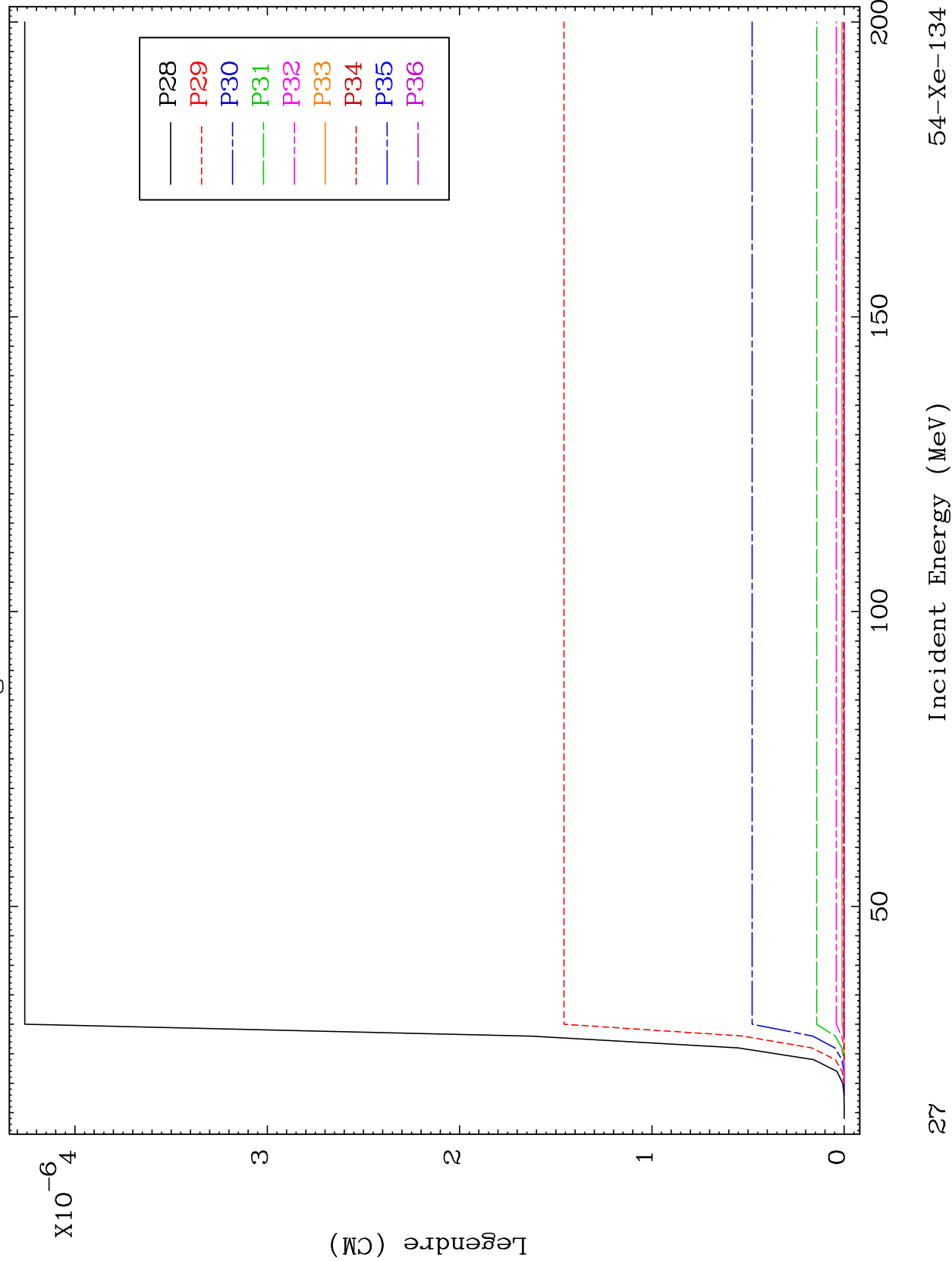
26

54-Xe-134

MAT 5455

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

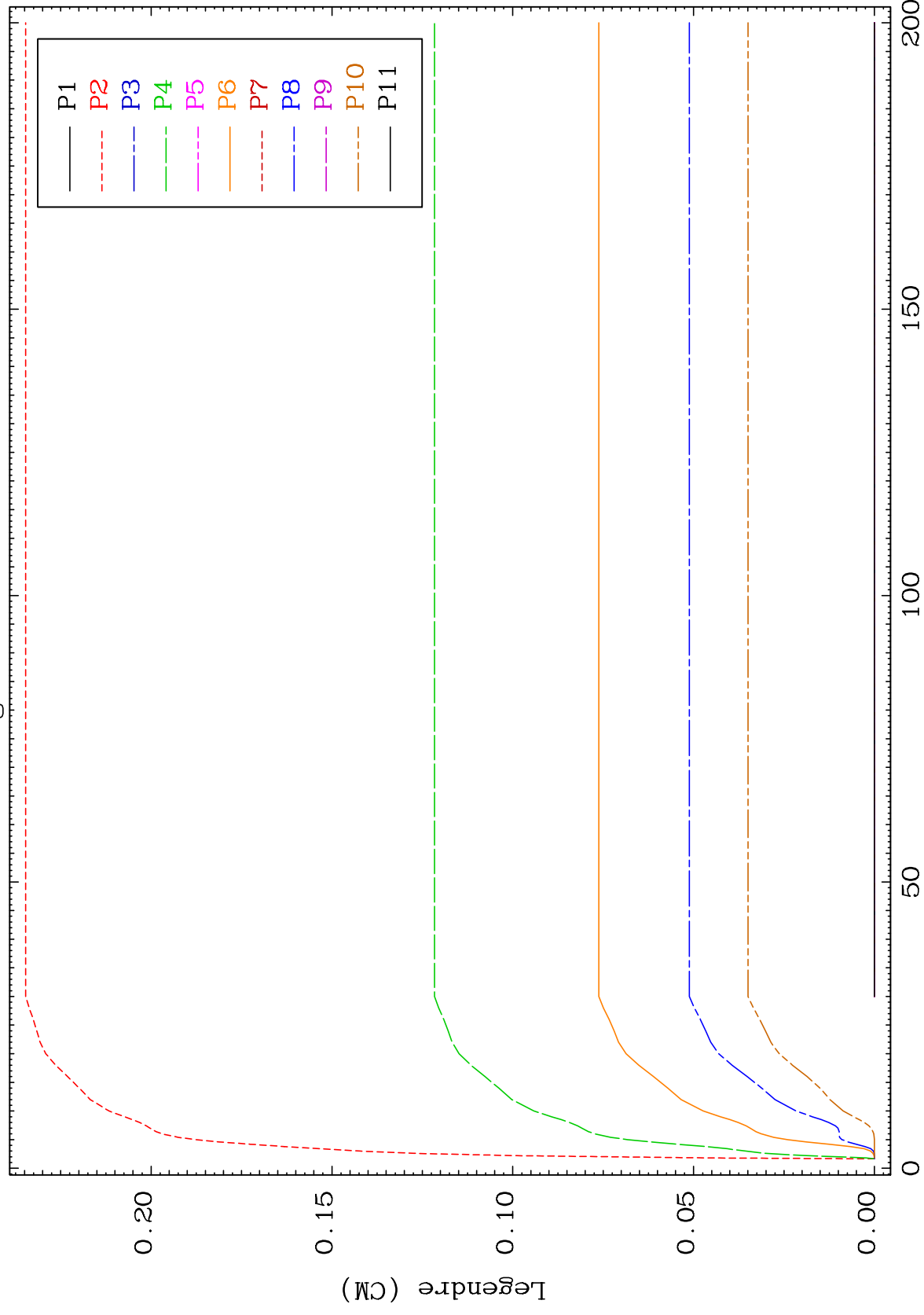
54-Xe-134



MAT 5455

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

54-Xe-134



28

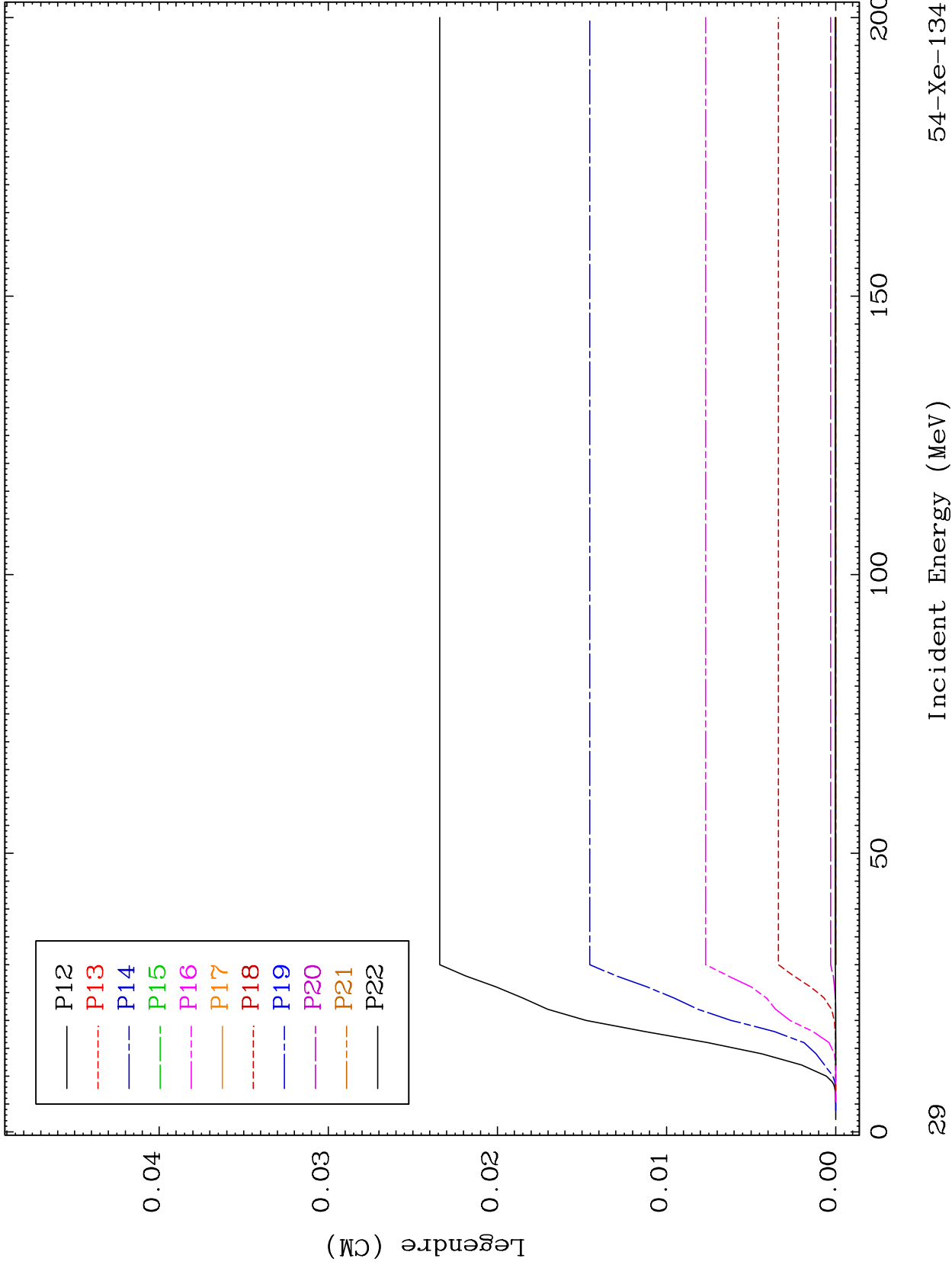
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

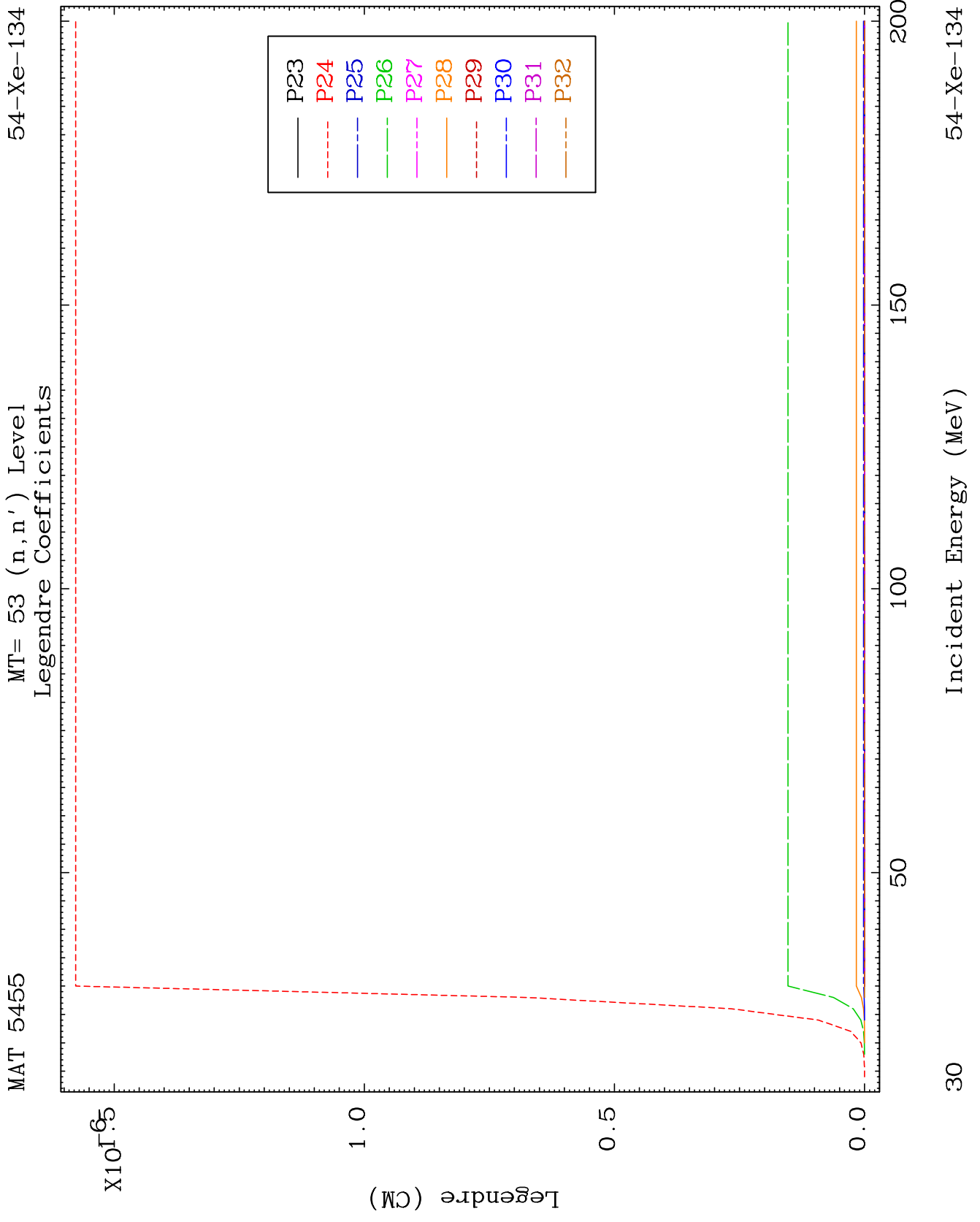
54-Xe-134



29

Incident Energy (MeV)

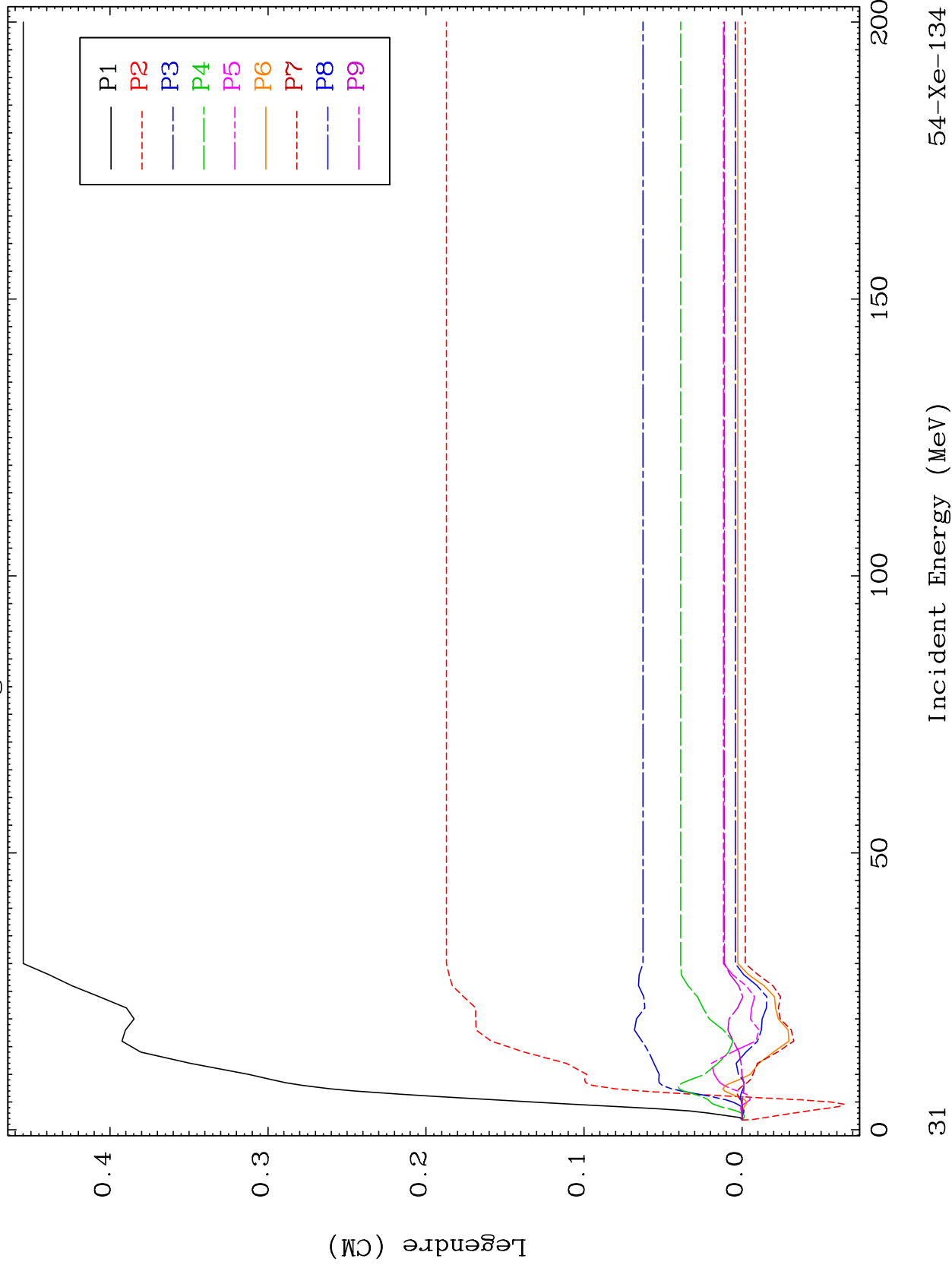
54-Xe-134



MAT 5455

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

54-Xe-134



31

Incident Energy (MeV)

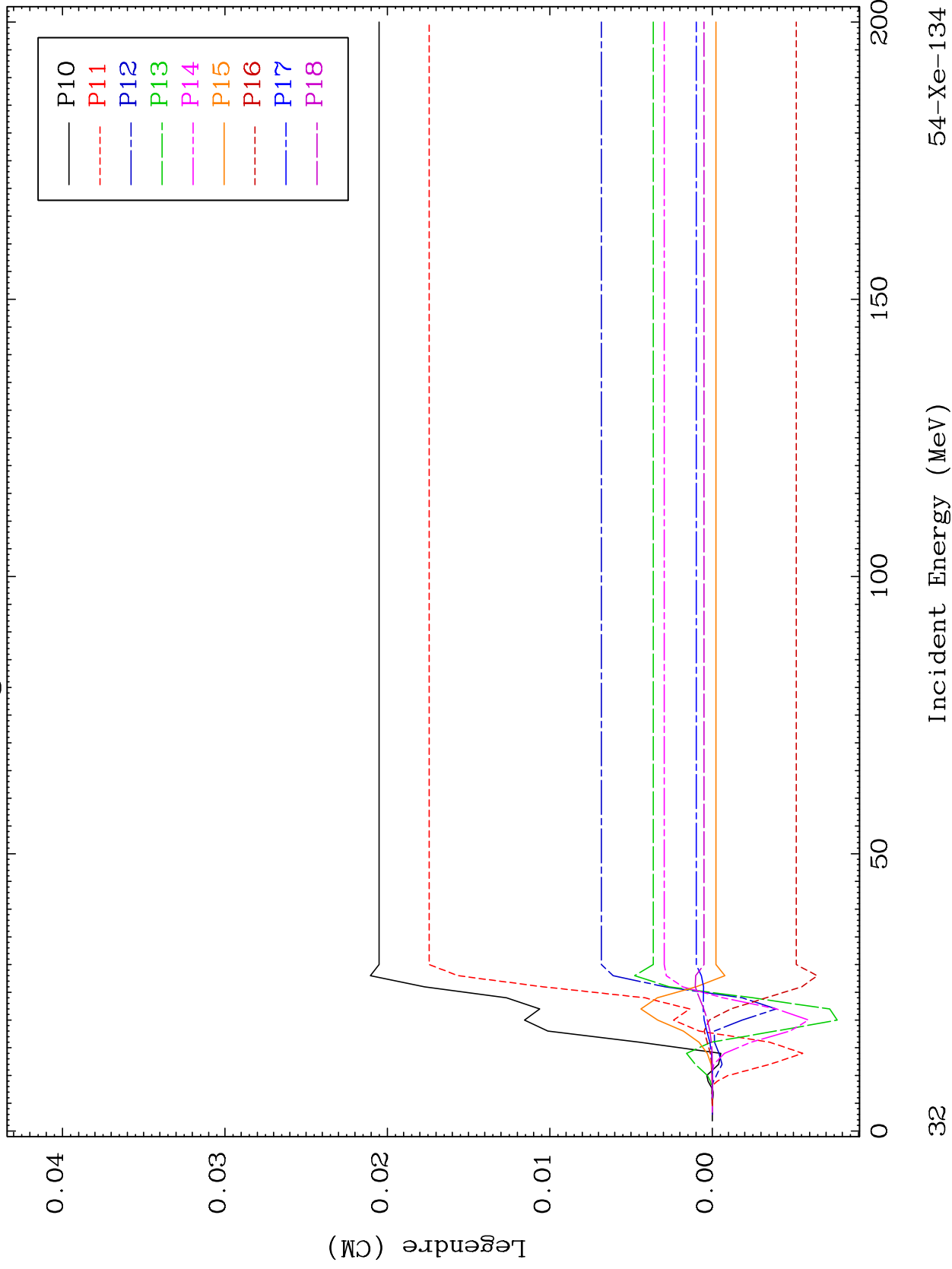
54-Xe-134



MAT 5455

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

54-Xe-134



54-Xe-134

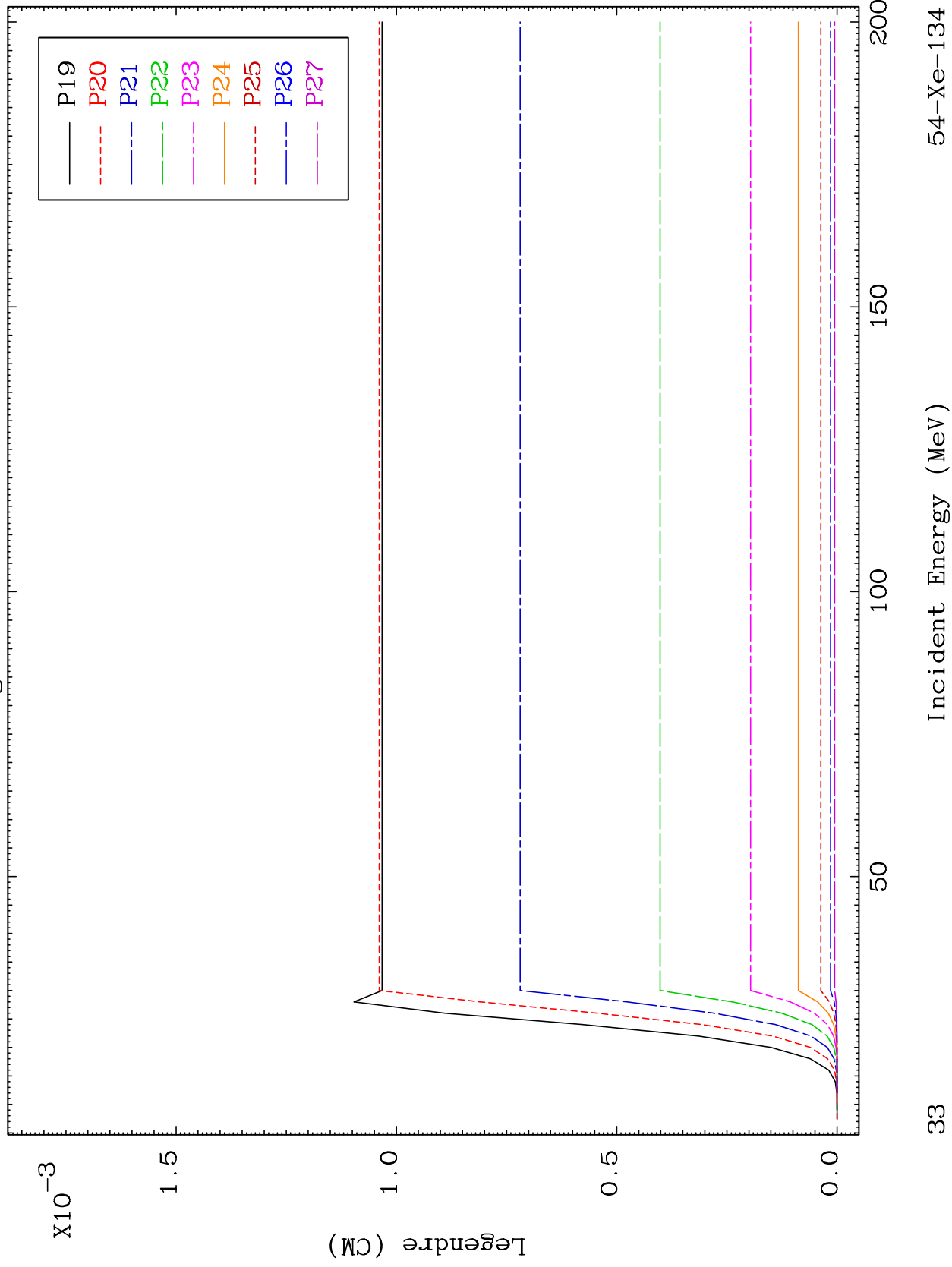
Incident Energy (MeV)

32

MAT 5455

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

54-Xe-134



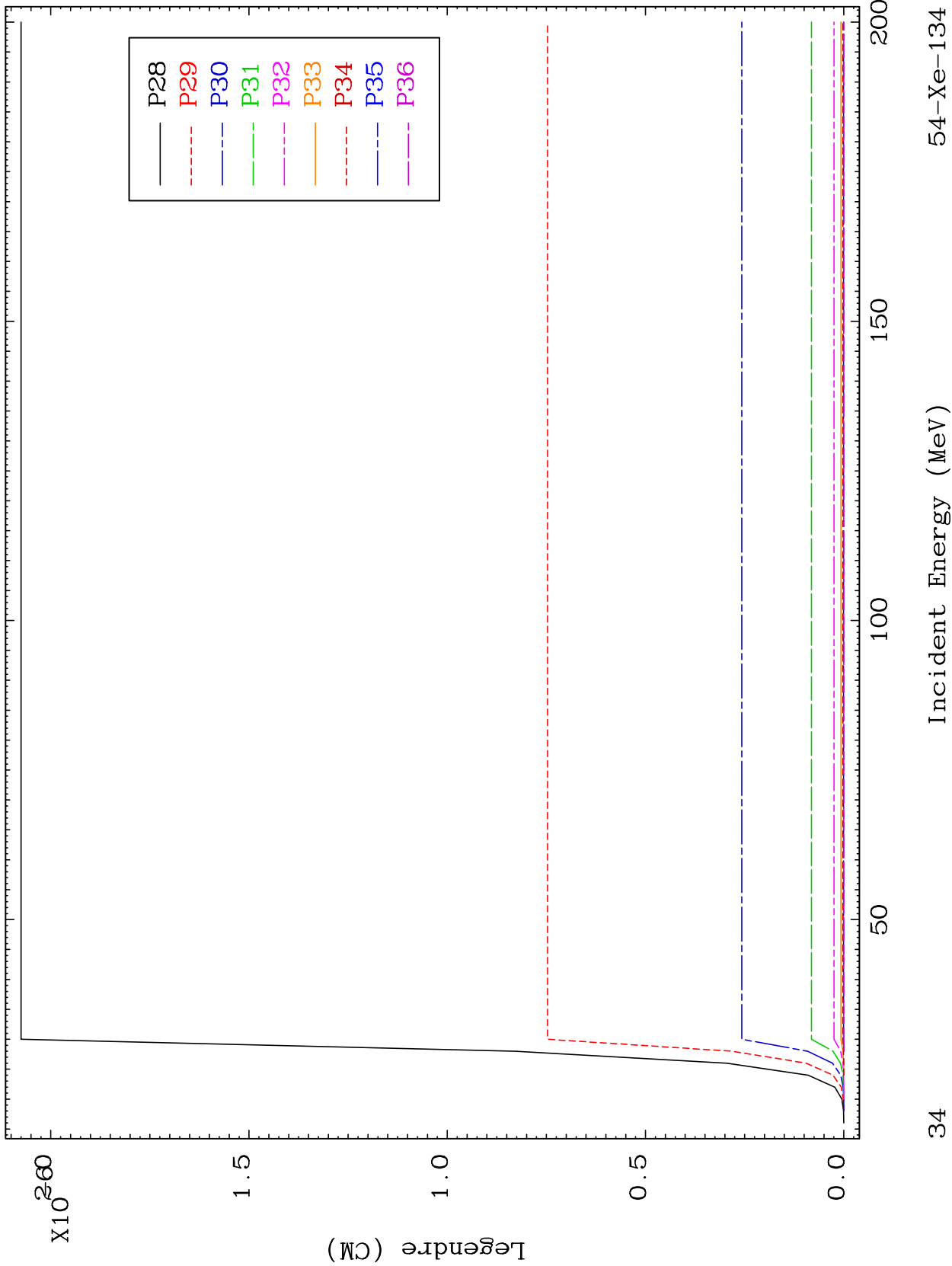
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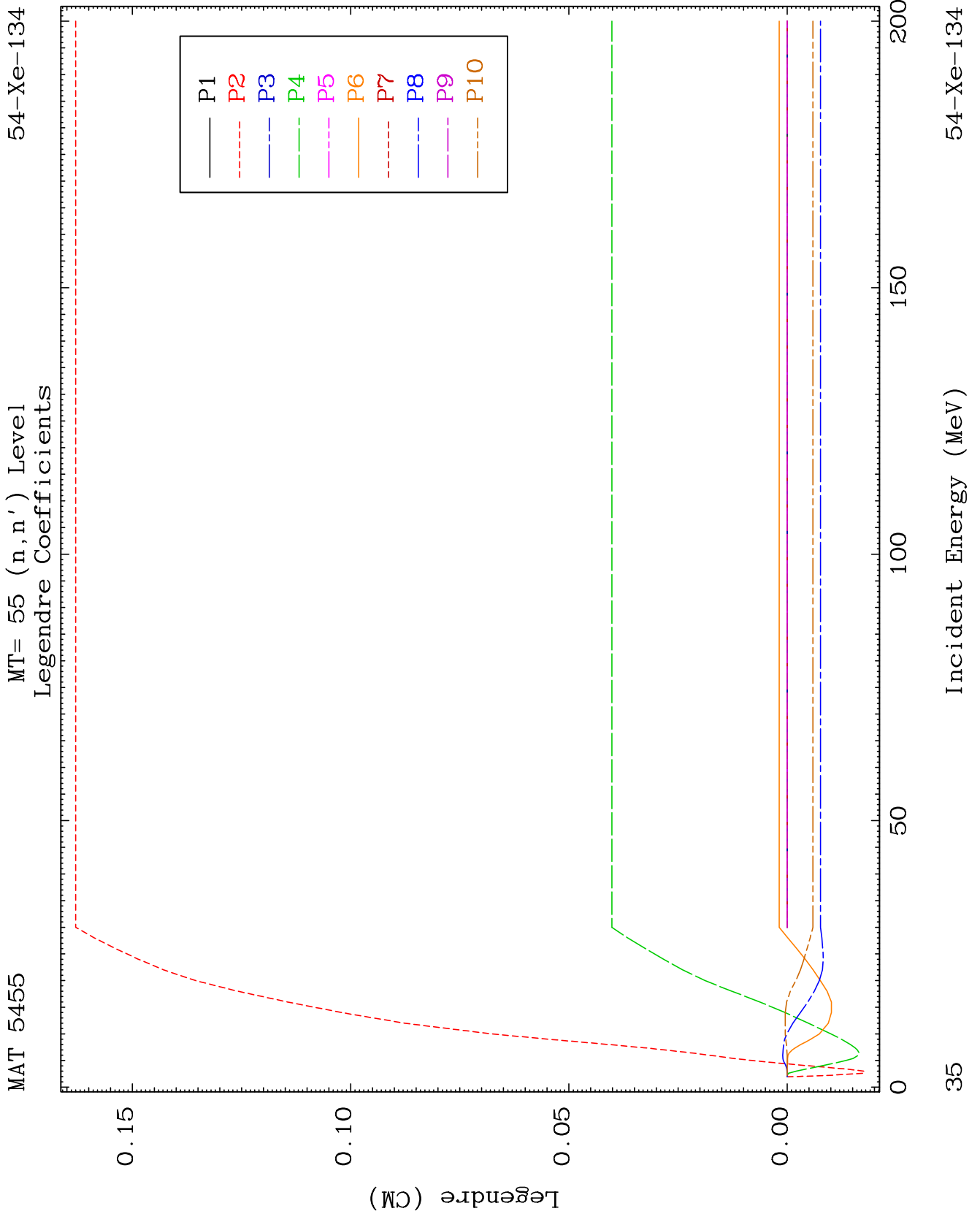
54-Xe-134

MAT 5455

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

54-Xe-134



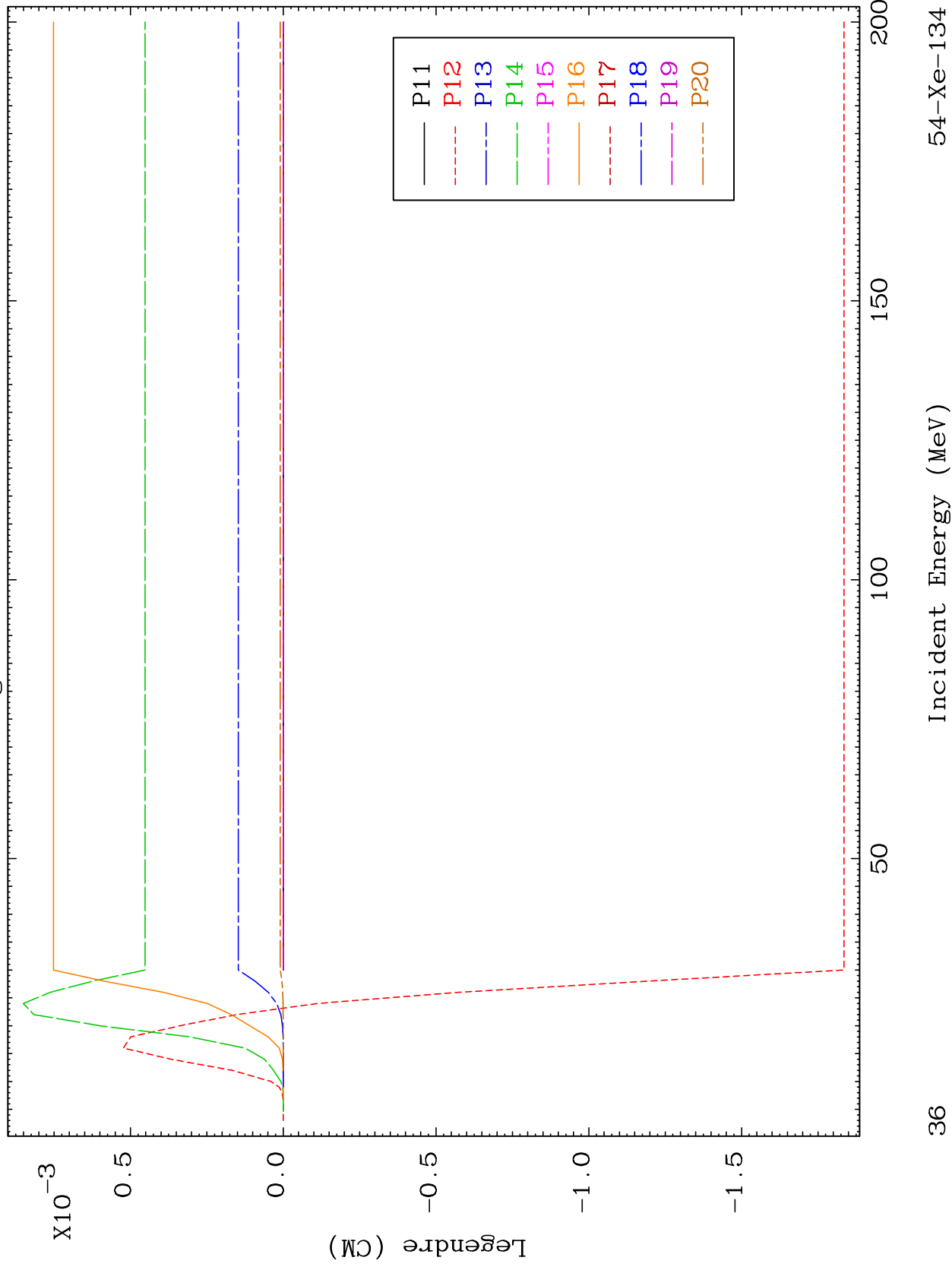


MAT 5455

MT= 55 (n,n') Level

54-Xe-134

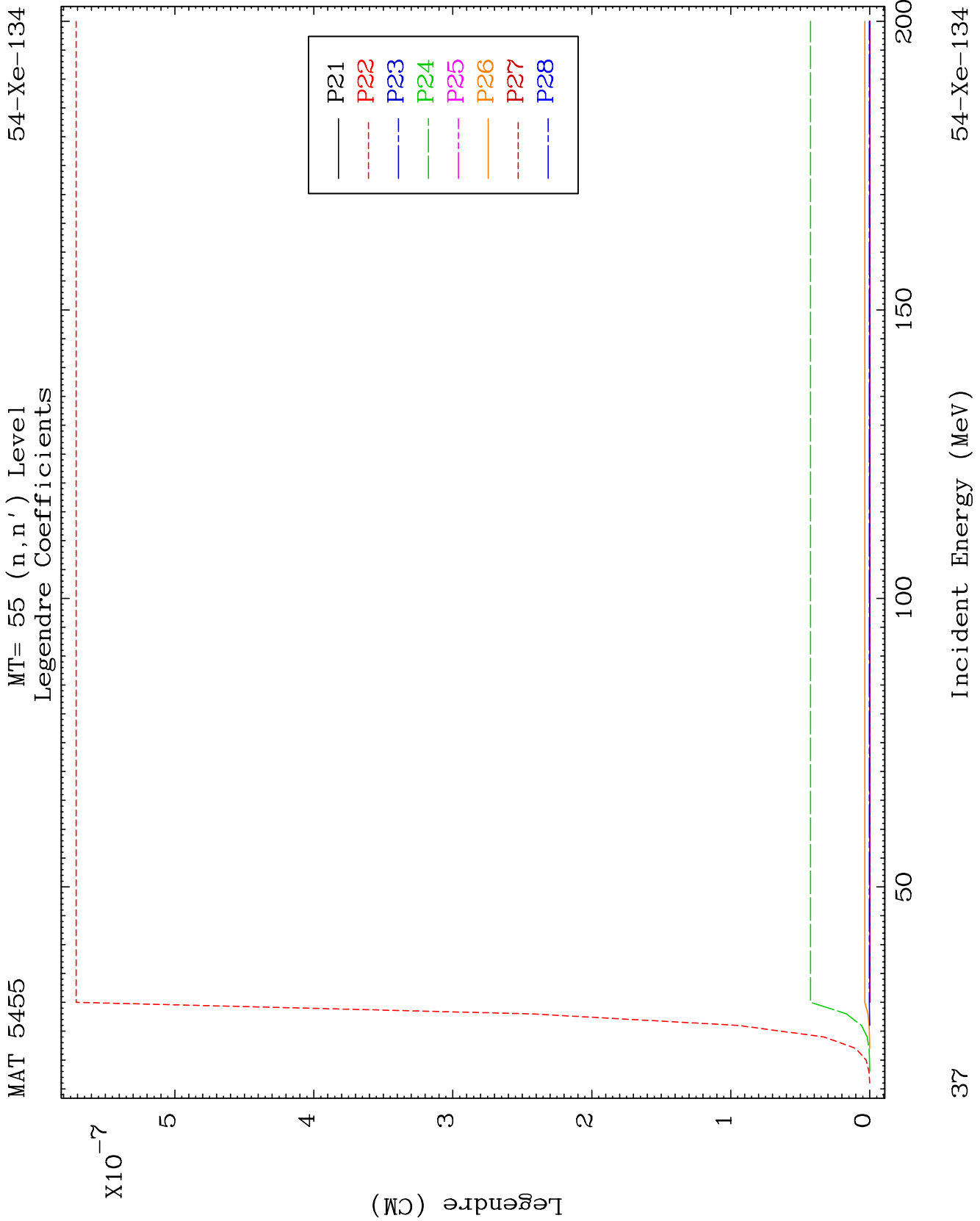
Legendre Coefficients

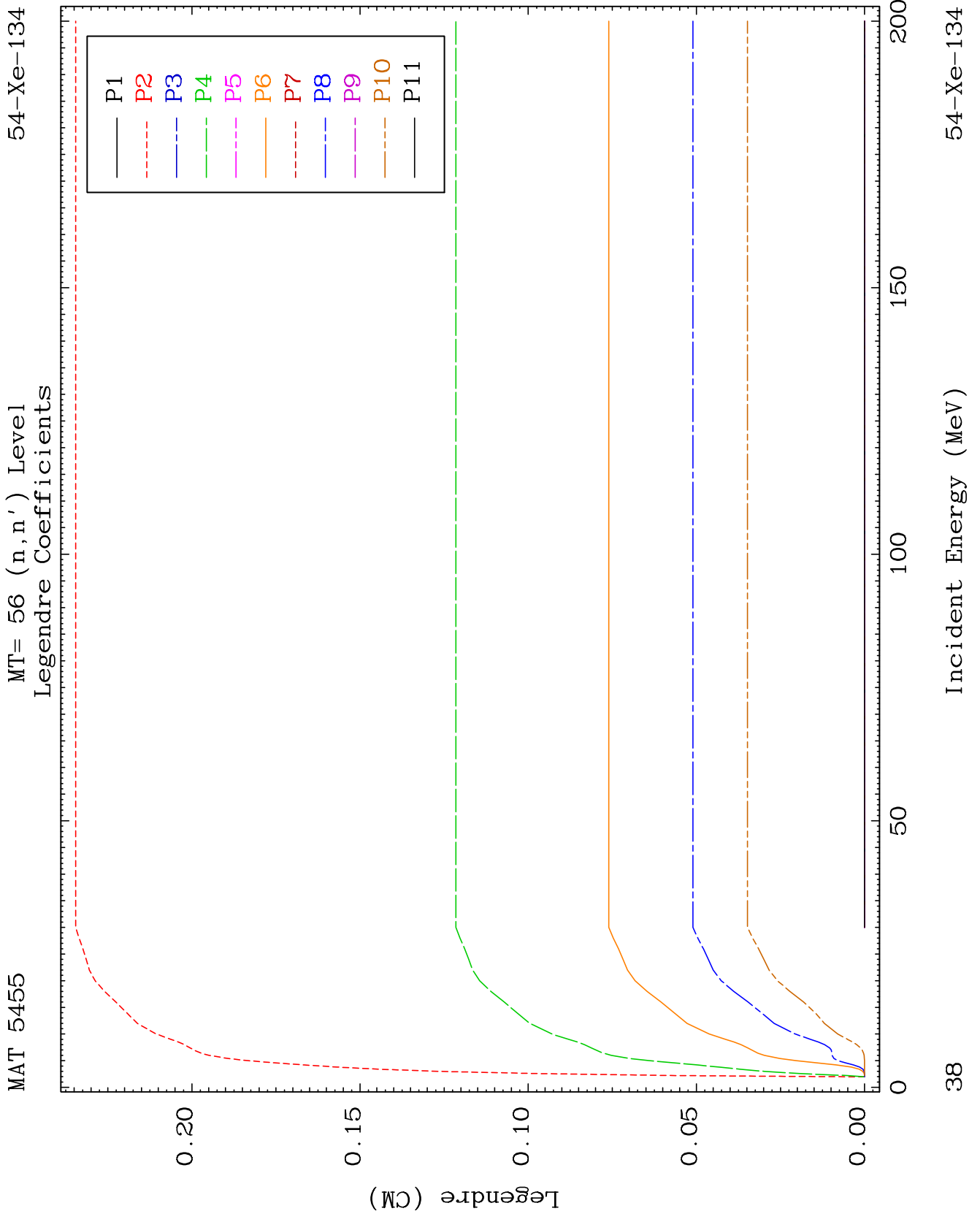


36

Incident Energy (MeV)

54-Xe-134

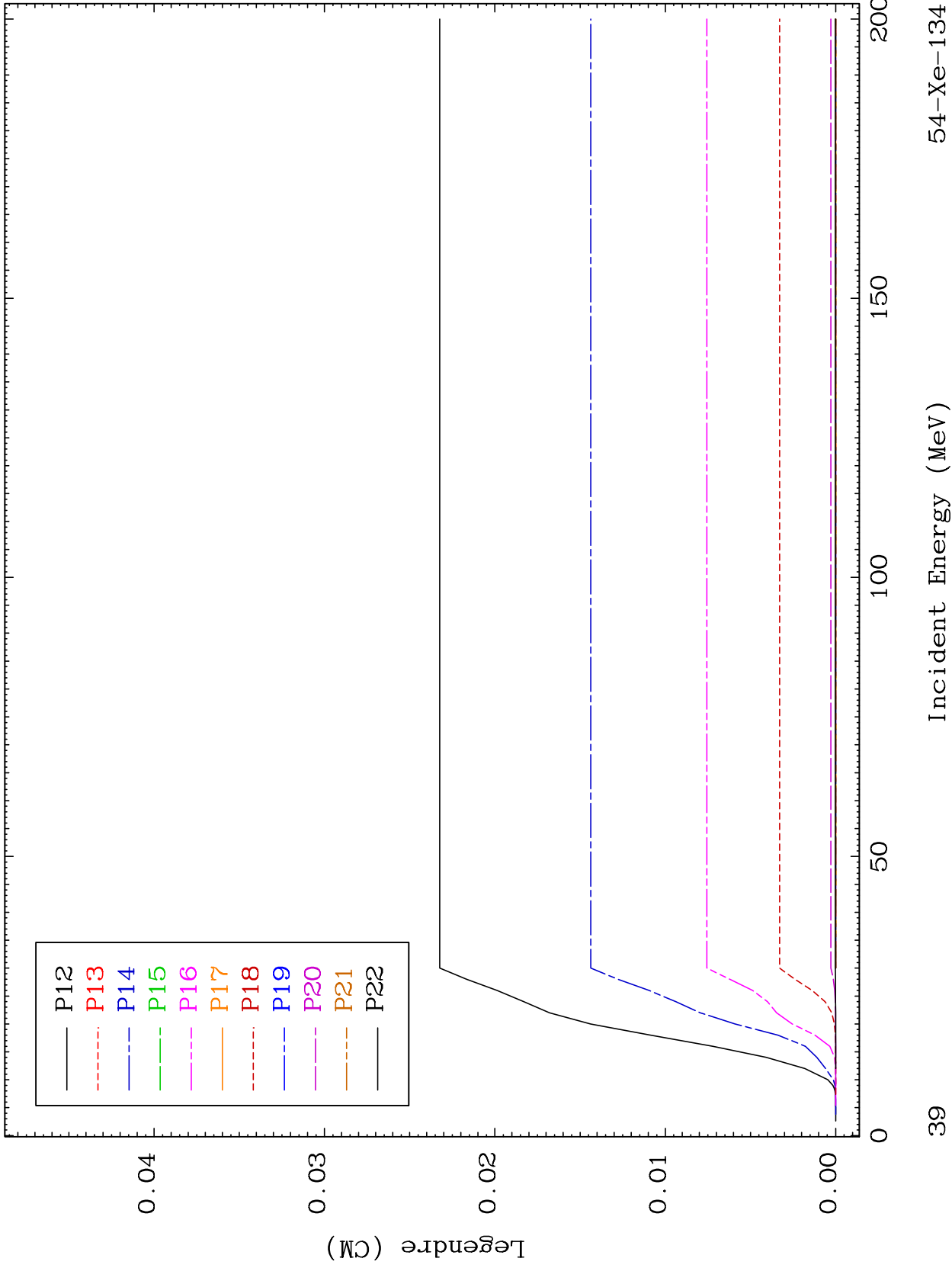




MAT 5455

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

54-Xe-134

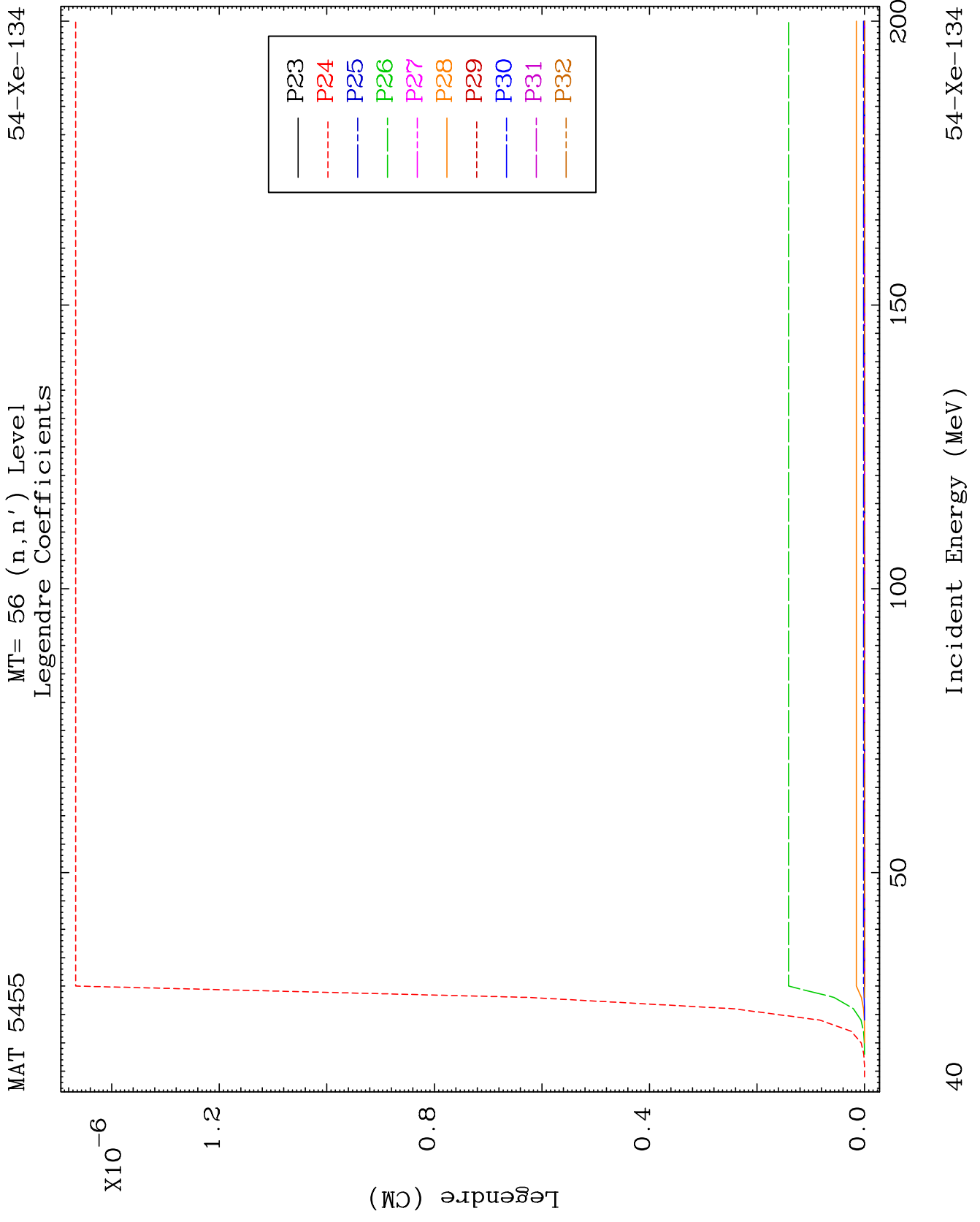


39

Incident Energy (MeV)

54-Xe-134



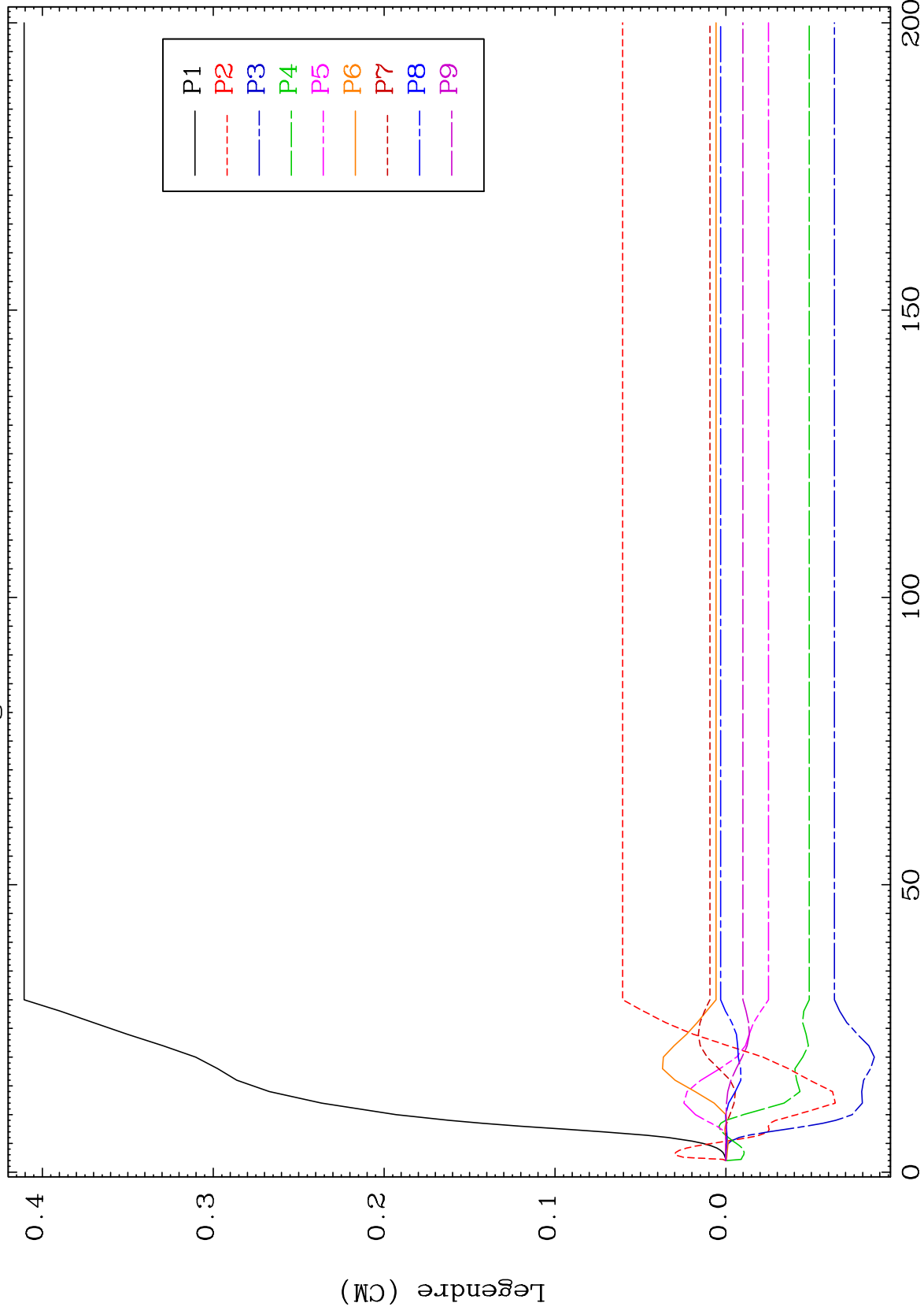


MAT 5455

MT= 57 (n,n') Level

54-Xe-134

Legendre Coefficients



41

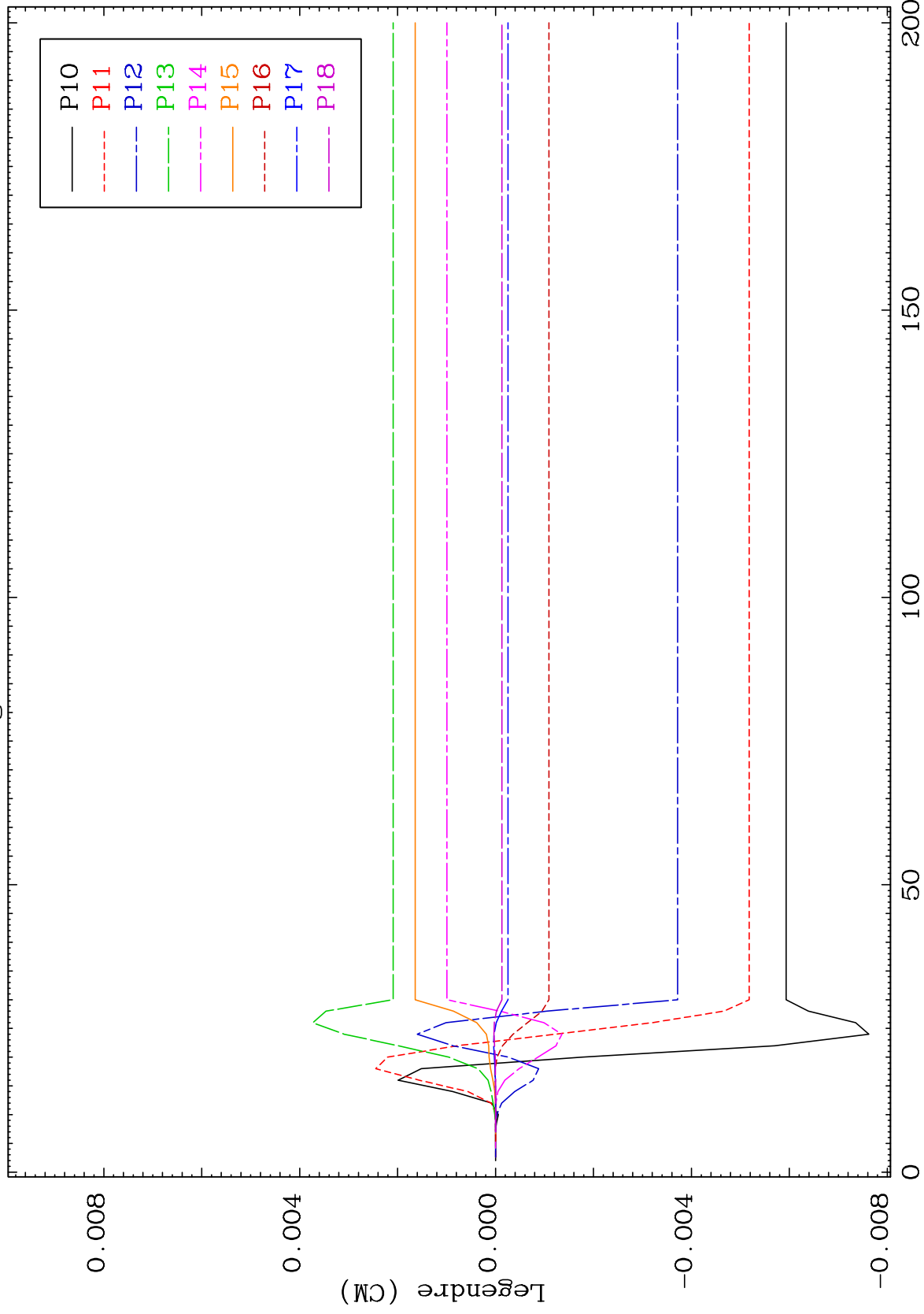
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



42

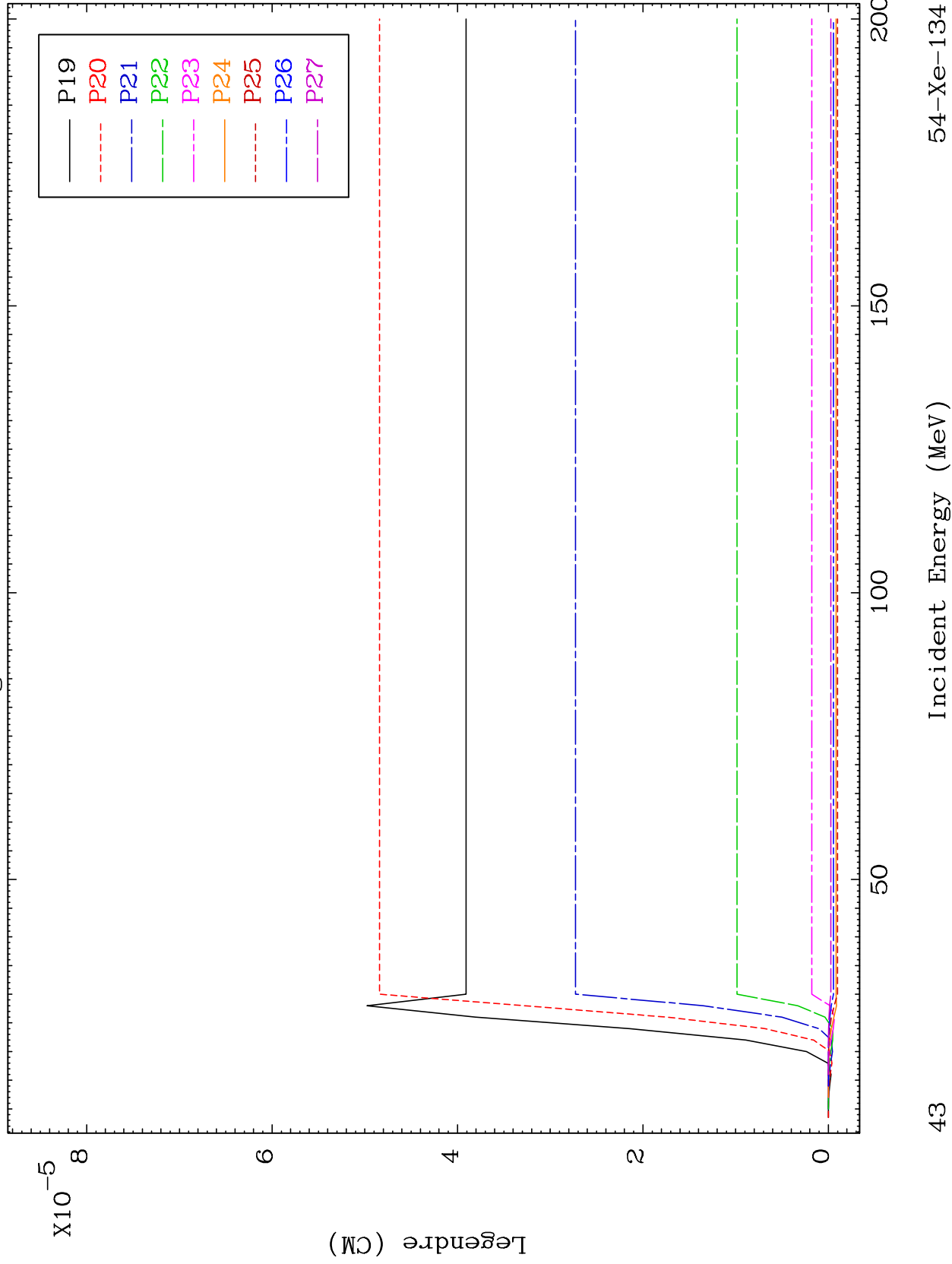
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



43

Incident Energy (MeV)

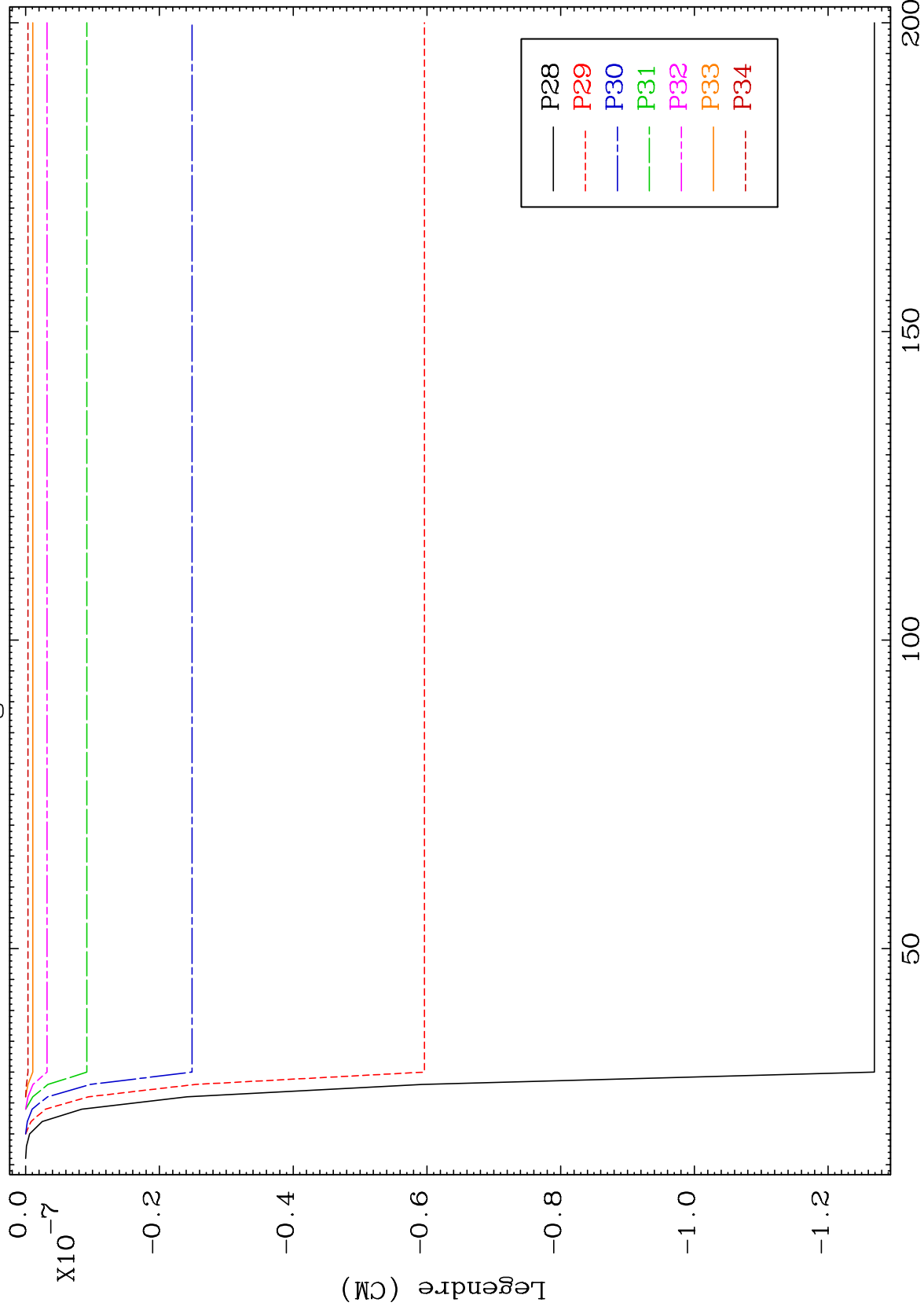
54-Xe-134

MAT 5455

MT= 57 (n,n') Level

54-Xe-134

Legendre Coefficients



54-Xe-134

Incident Energy (MeV)

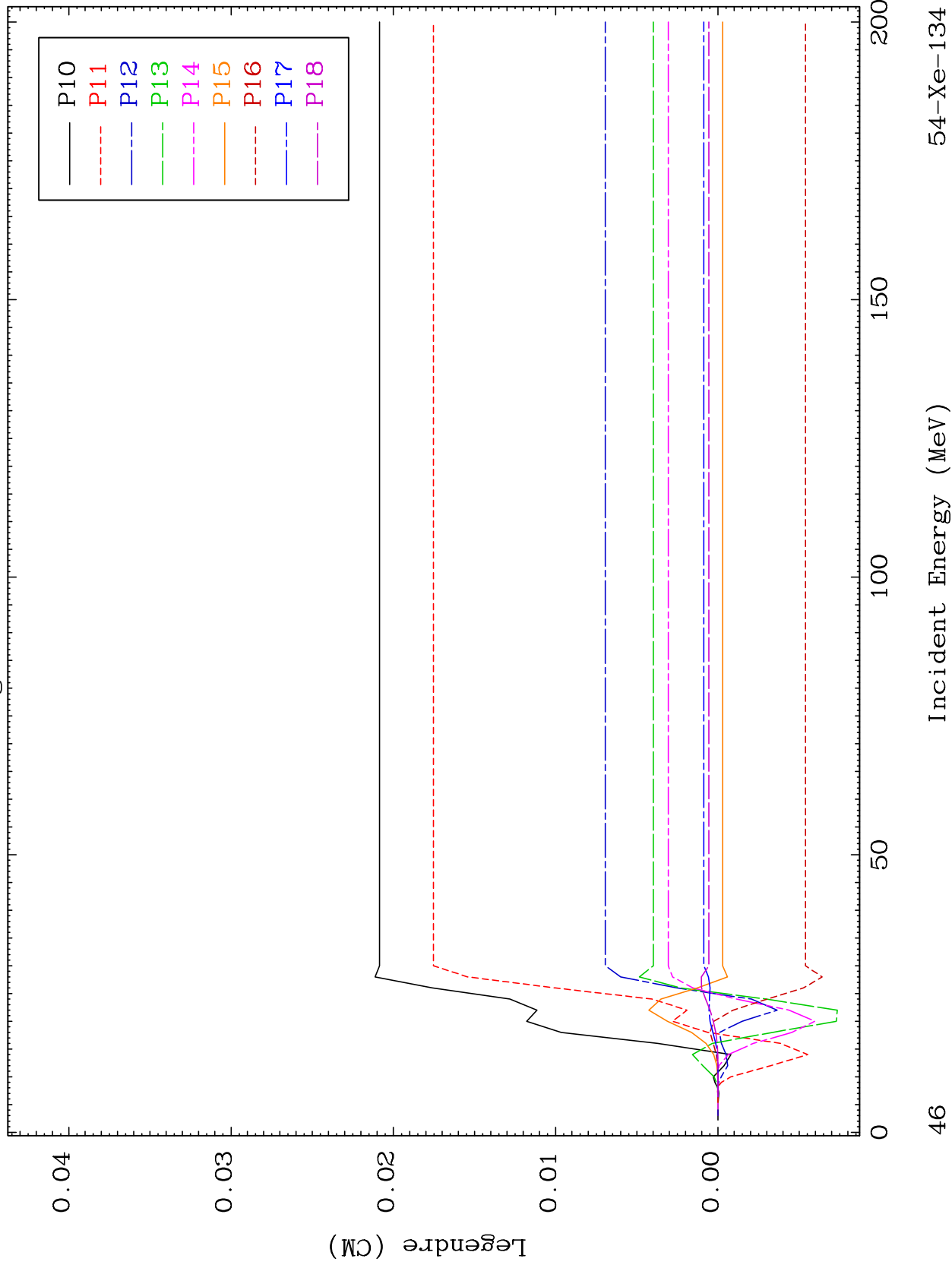
44



MAT 5455

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

54-Xe-134



46

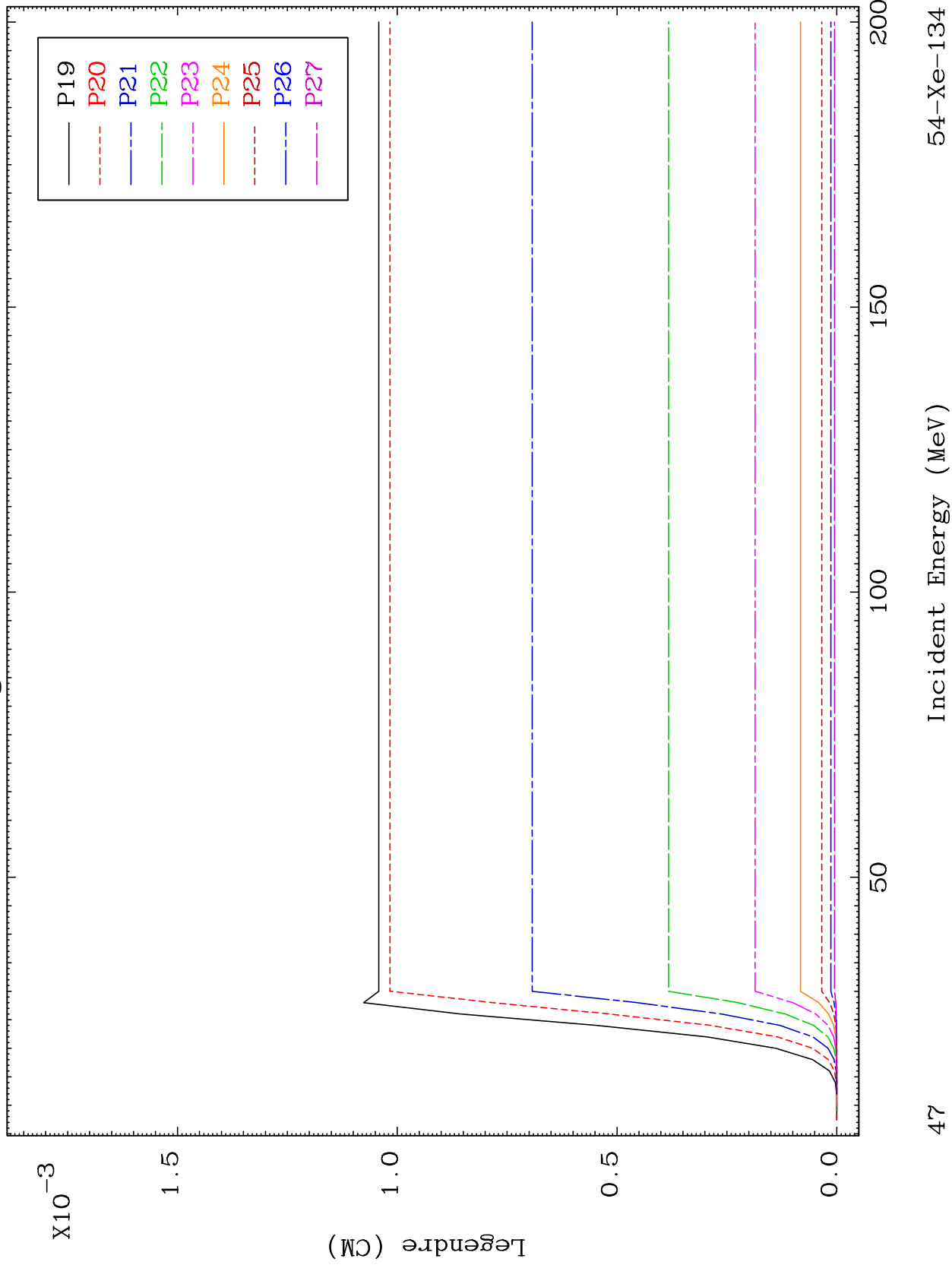
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



47

Incident Energy (MeV)

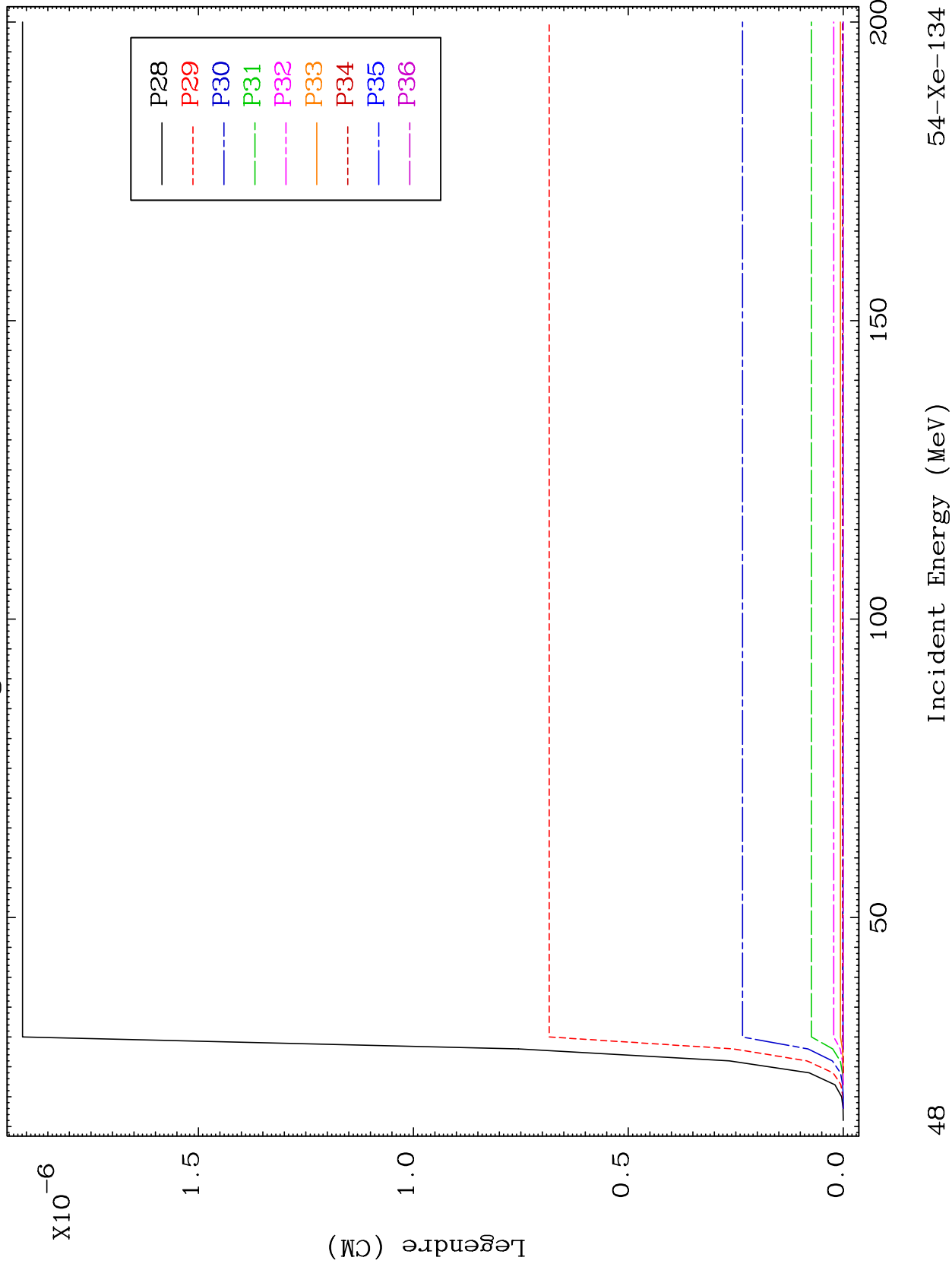
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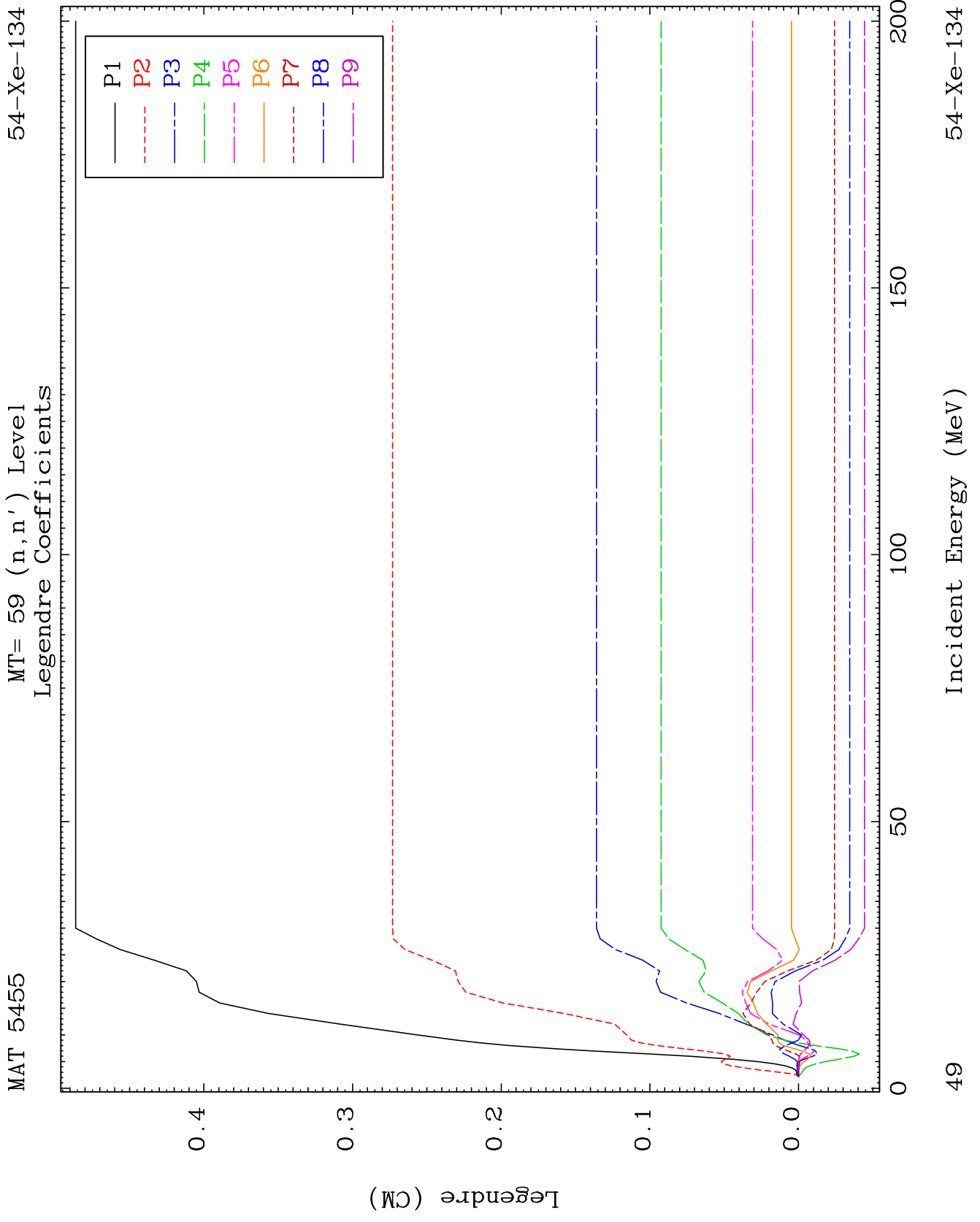


MAT 5455

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

54-Xe-134

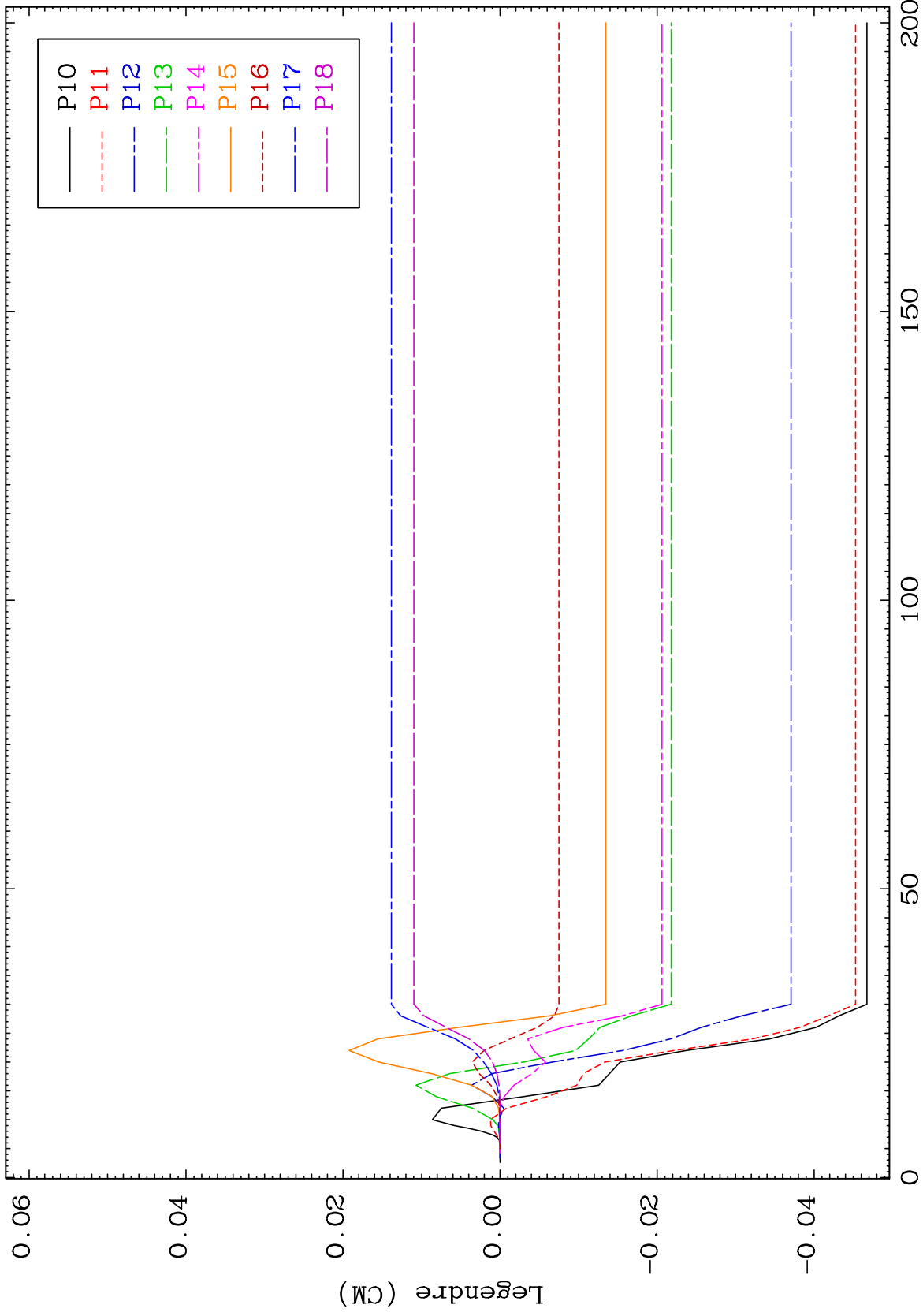




MAT 5455

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

54-Xe-134



54-Xe-134

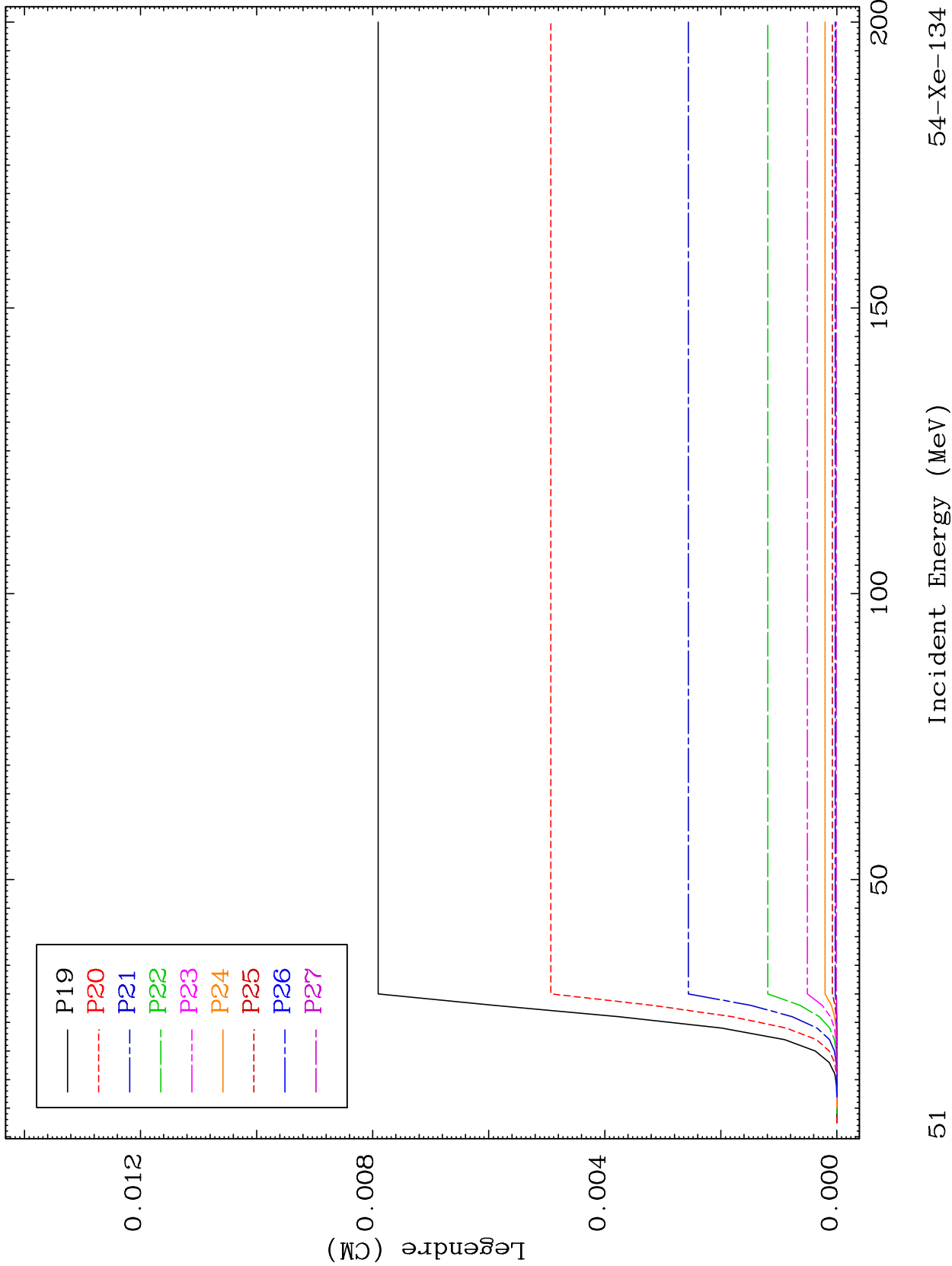
Incident Energy (MeV)

50

MAT 5455

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

54-Xe-134



51

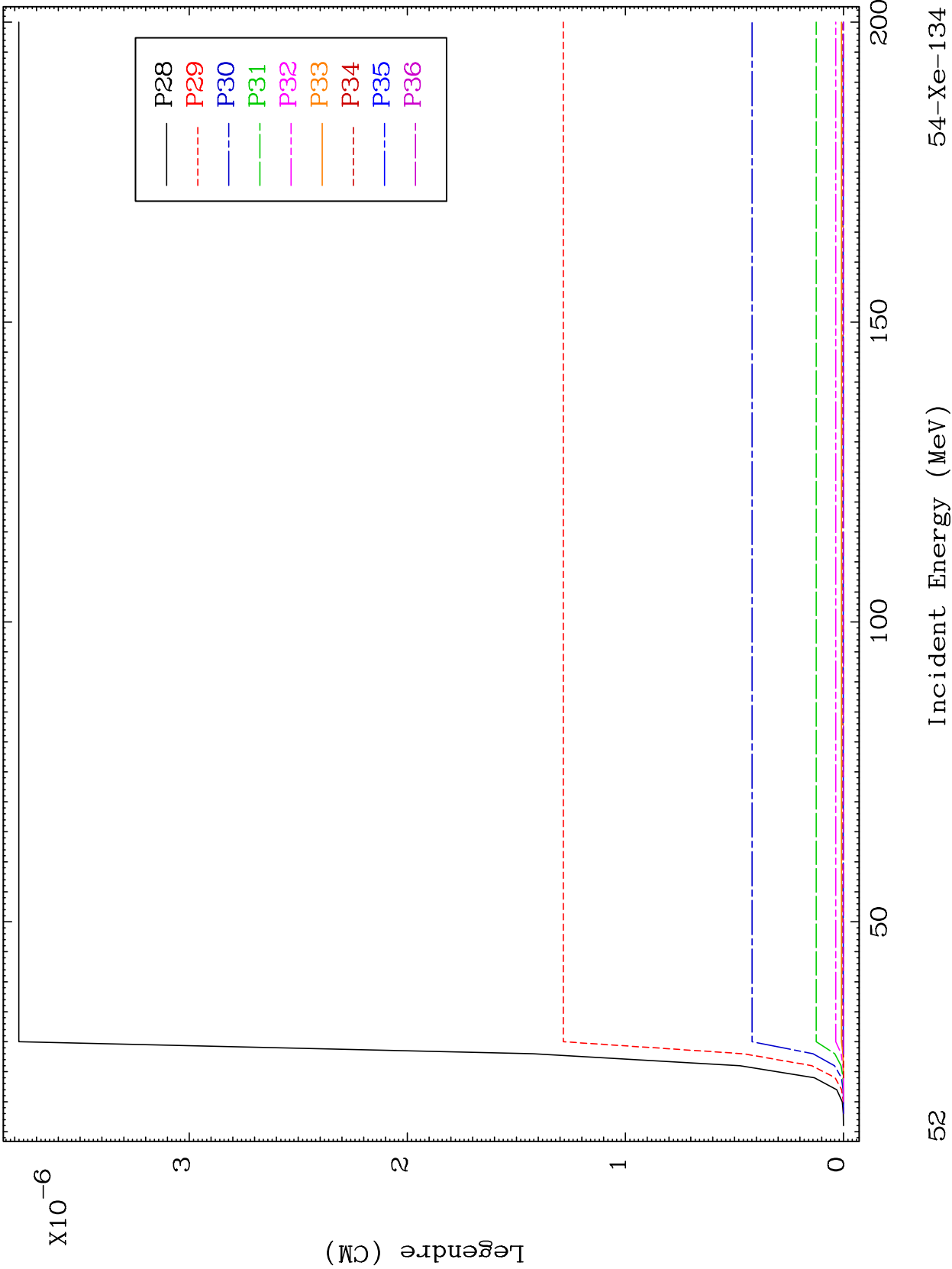
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

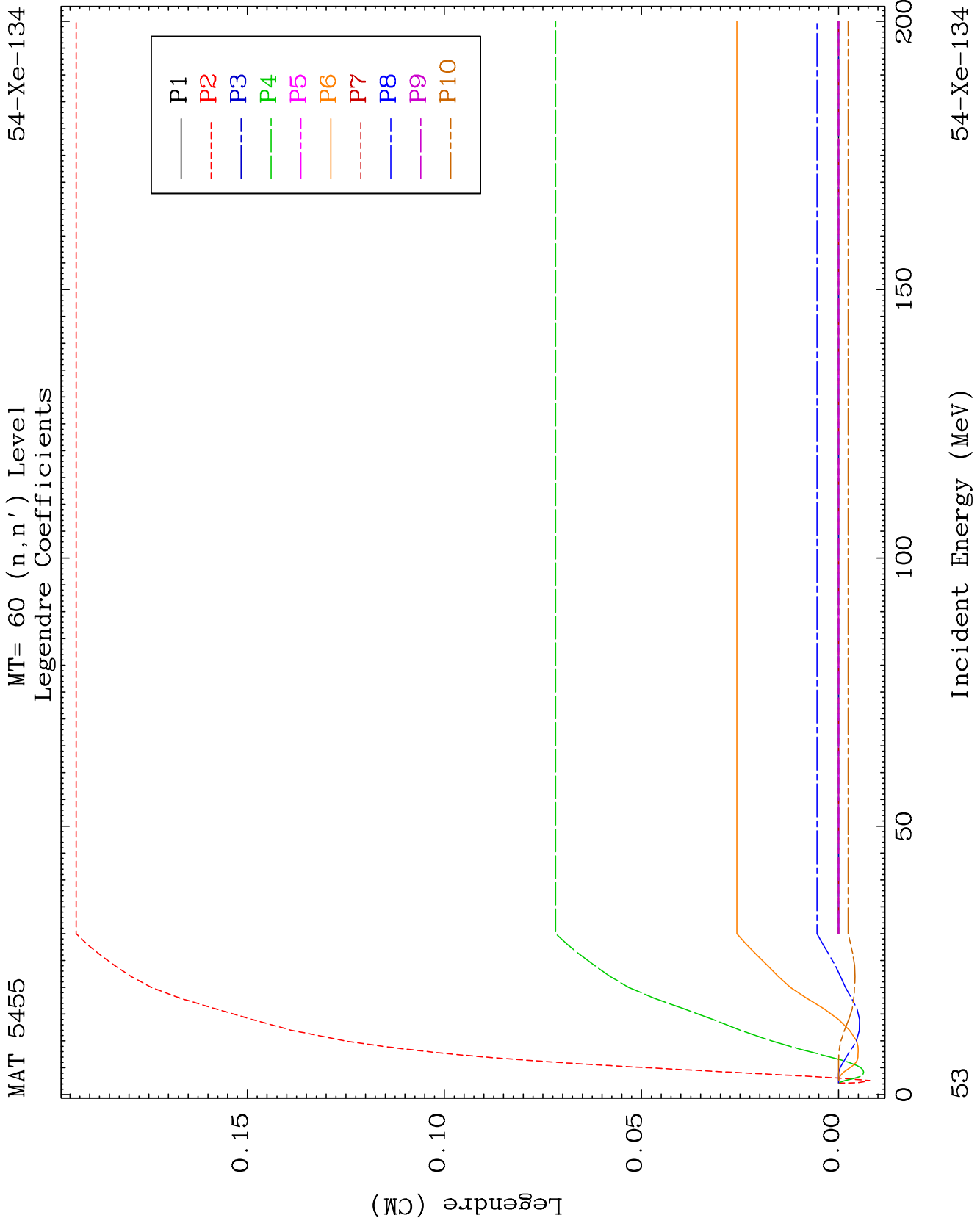
54-Xe-134



52

Incident Energy (MeV)

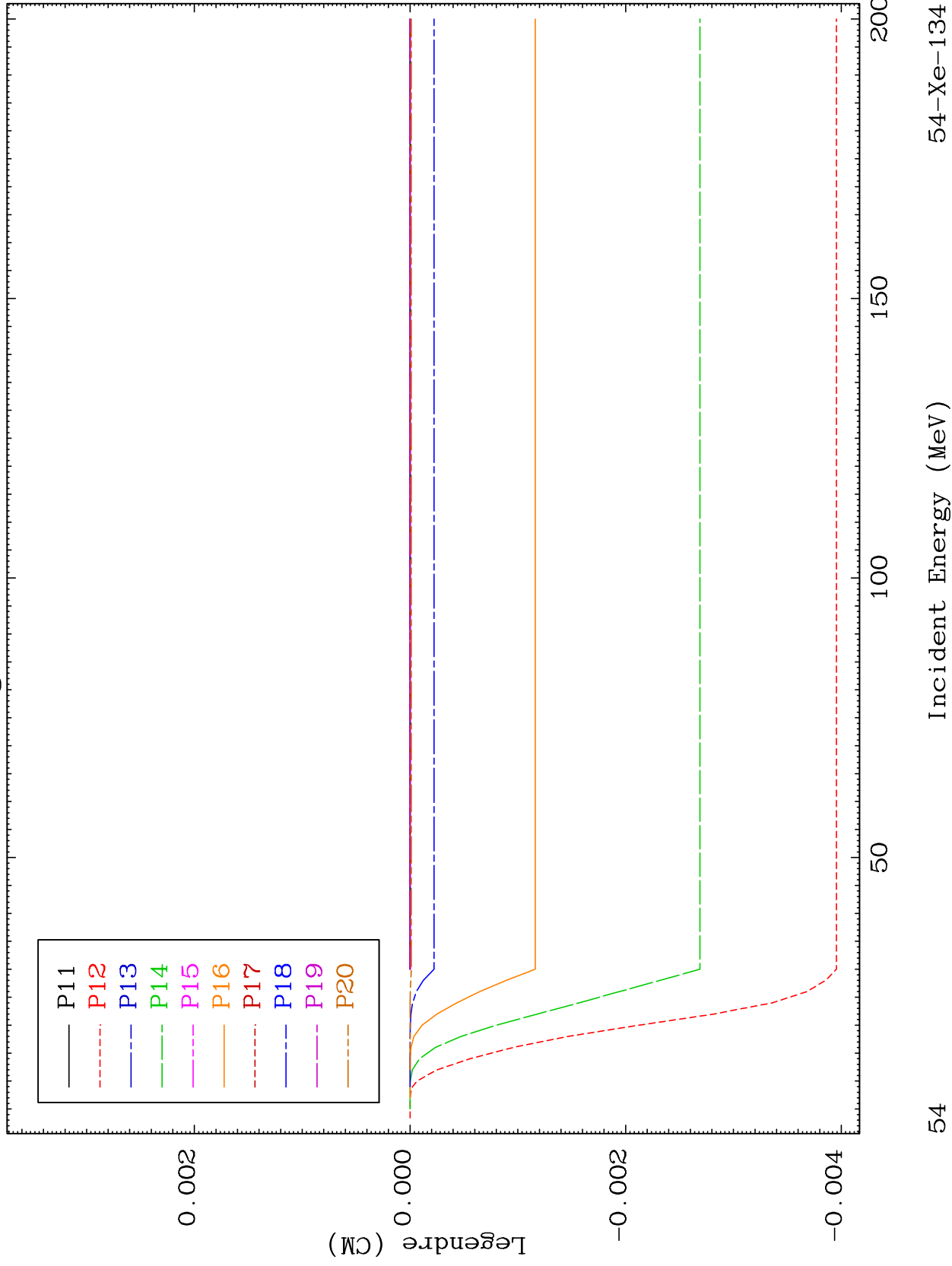
54-Xe-134



MAT 5455

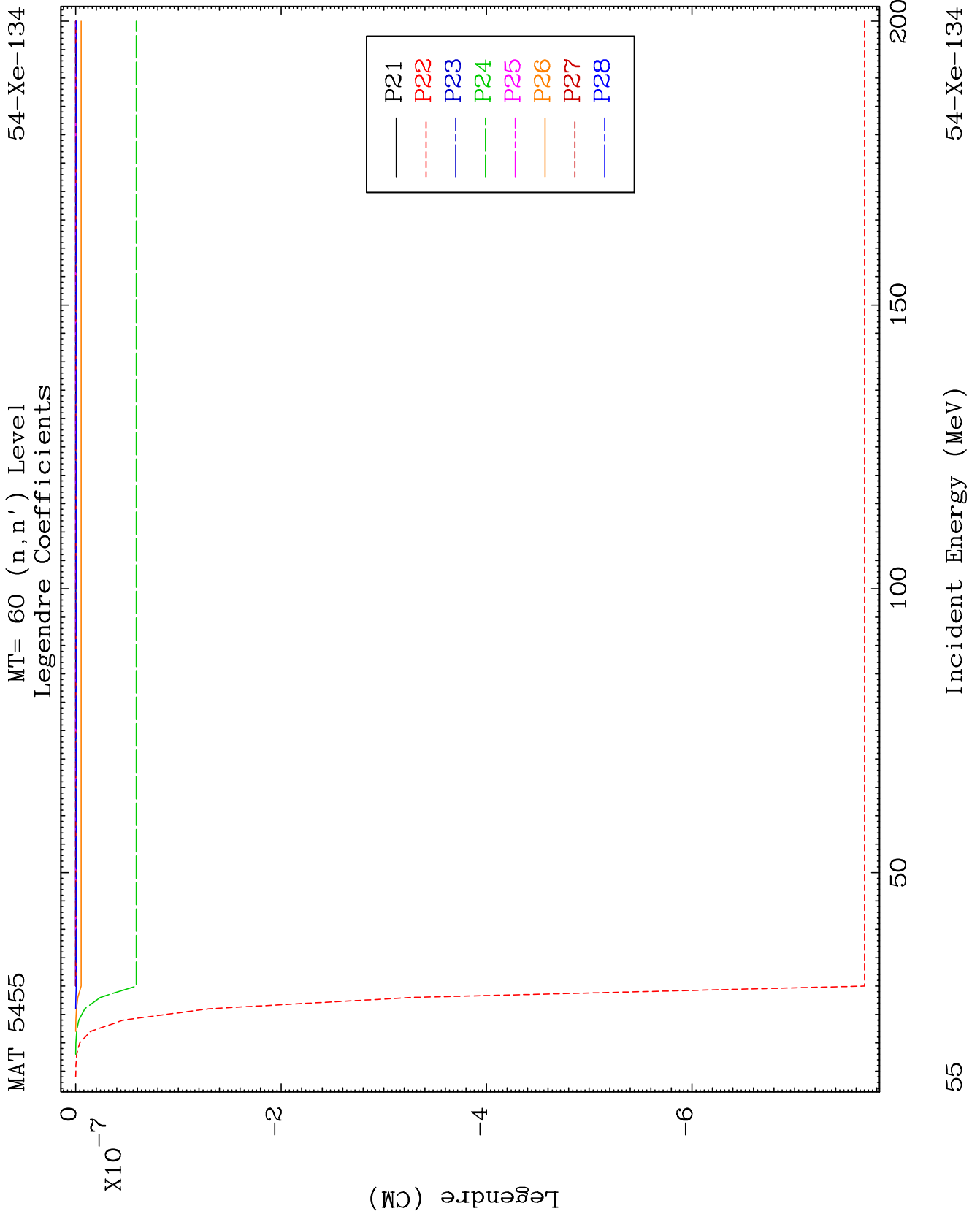
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Legendre Coefficients

54-Xe-134



54

54-Xe-134

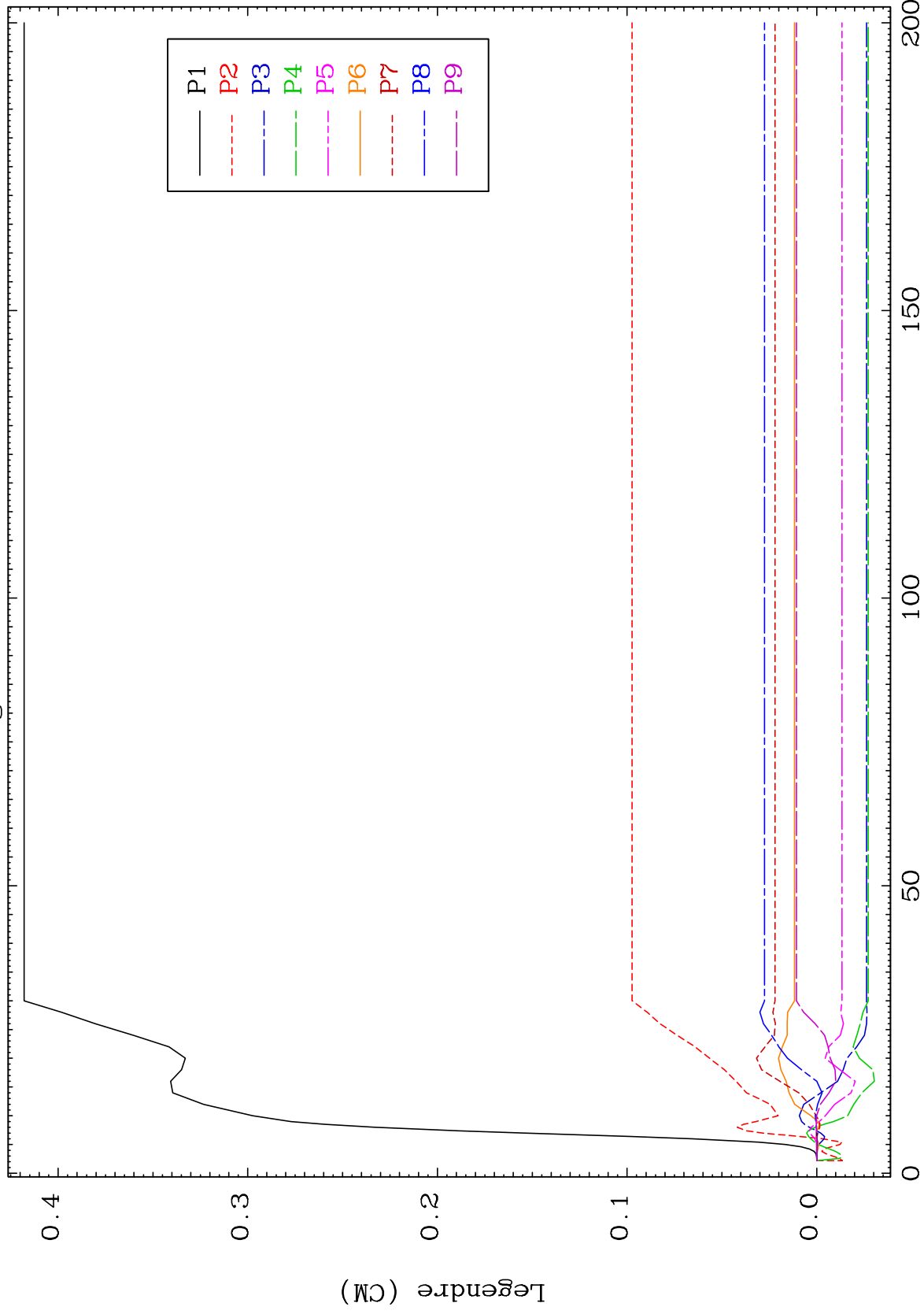




MAT 5455

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

54-Xe-134



54-Xe-134

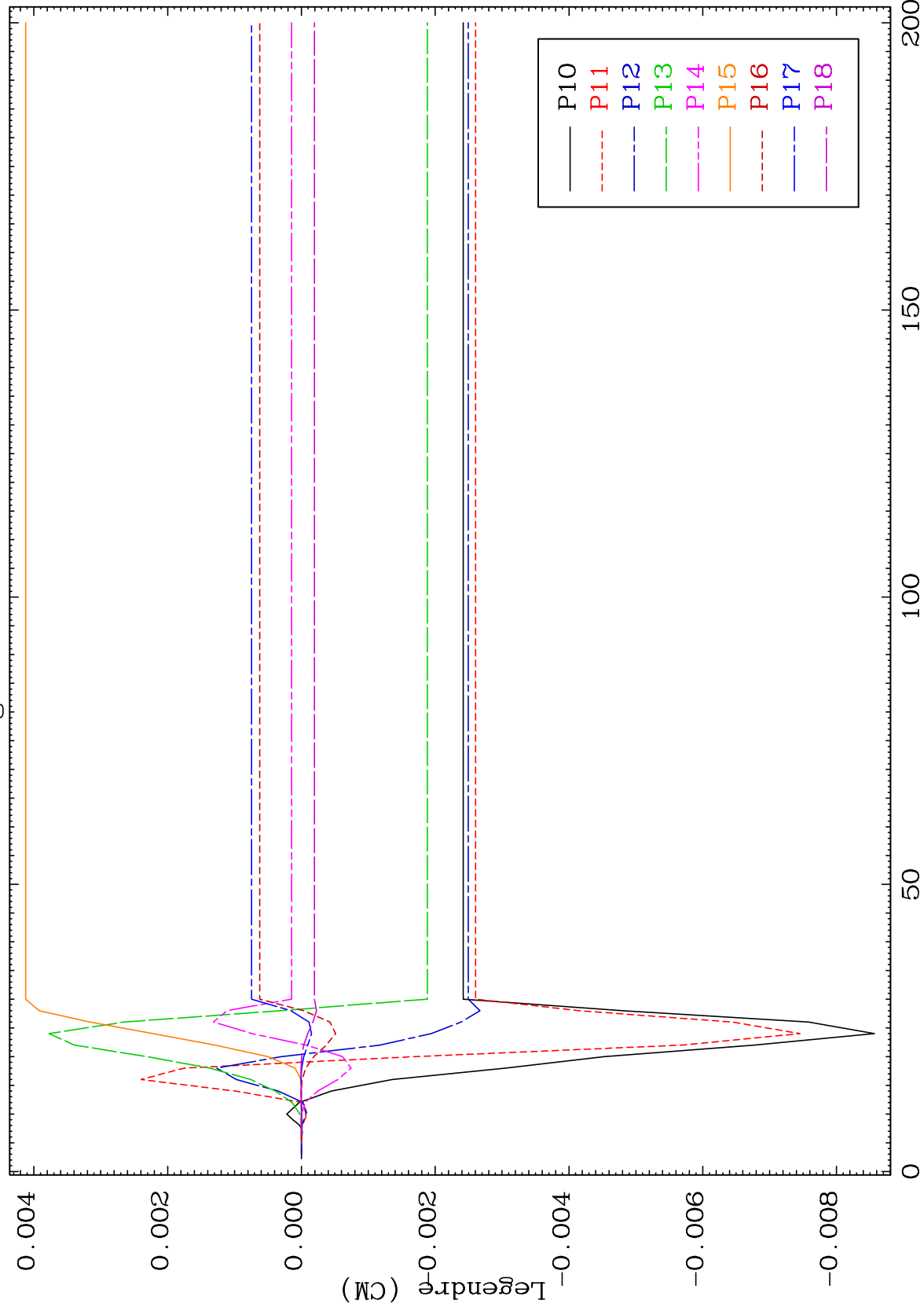
Incident Energy (MeV)

56

MAT 5455

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

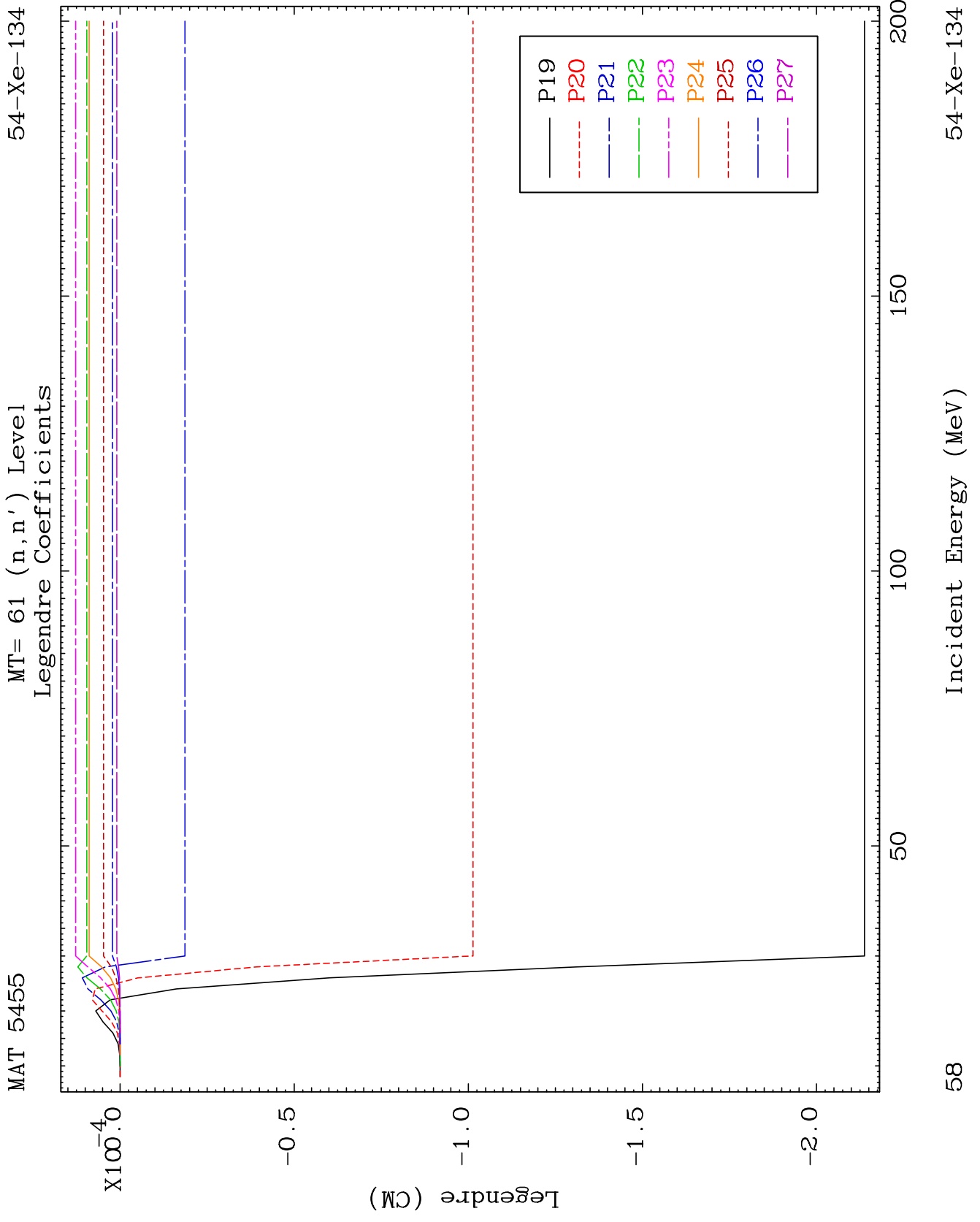
54-Xe-134



57

Incident Energy (MeV)

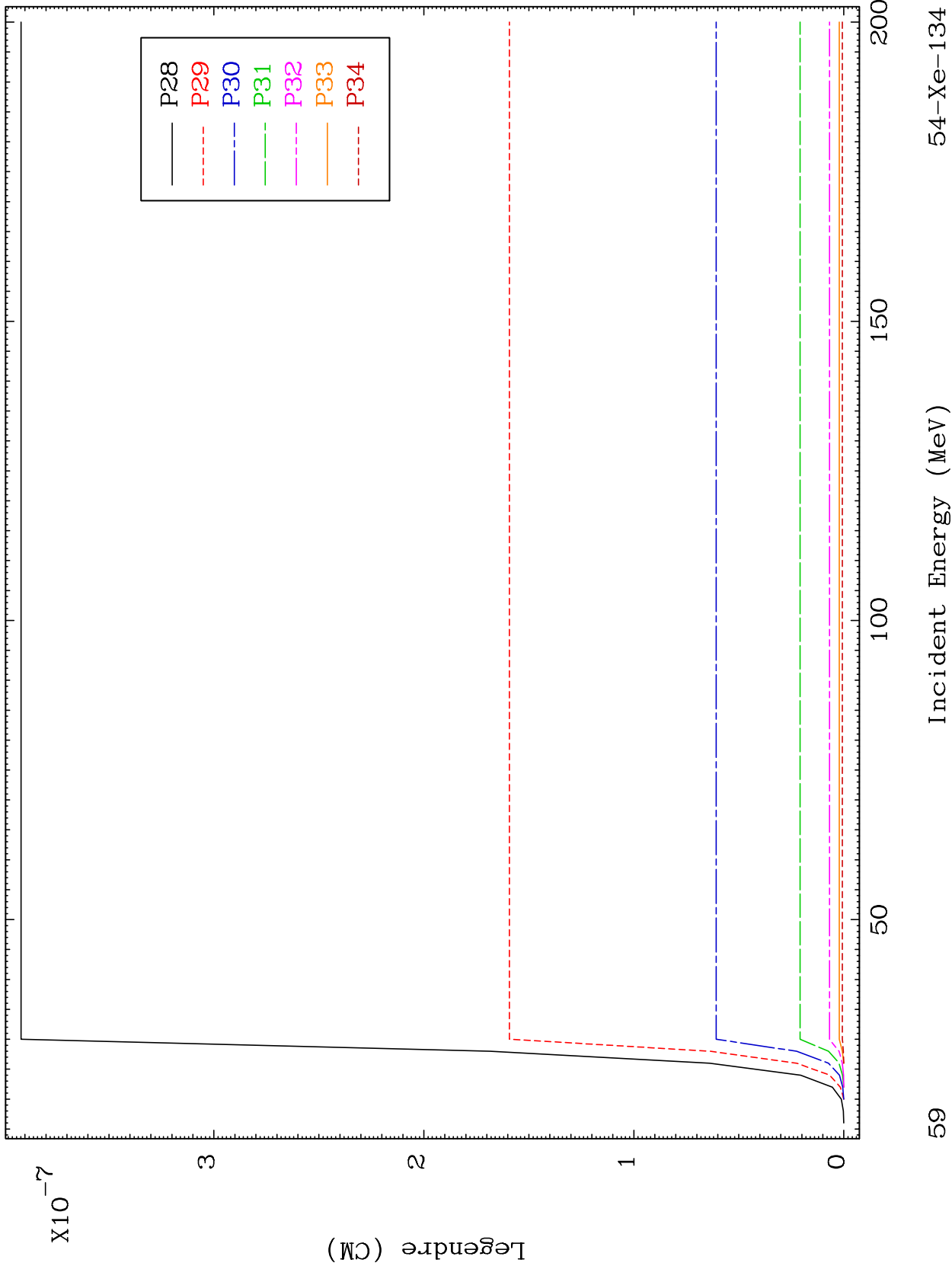
54-Xe-134



MAT 5455

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

54-Xe-134



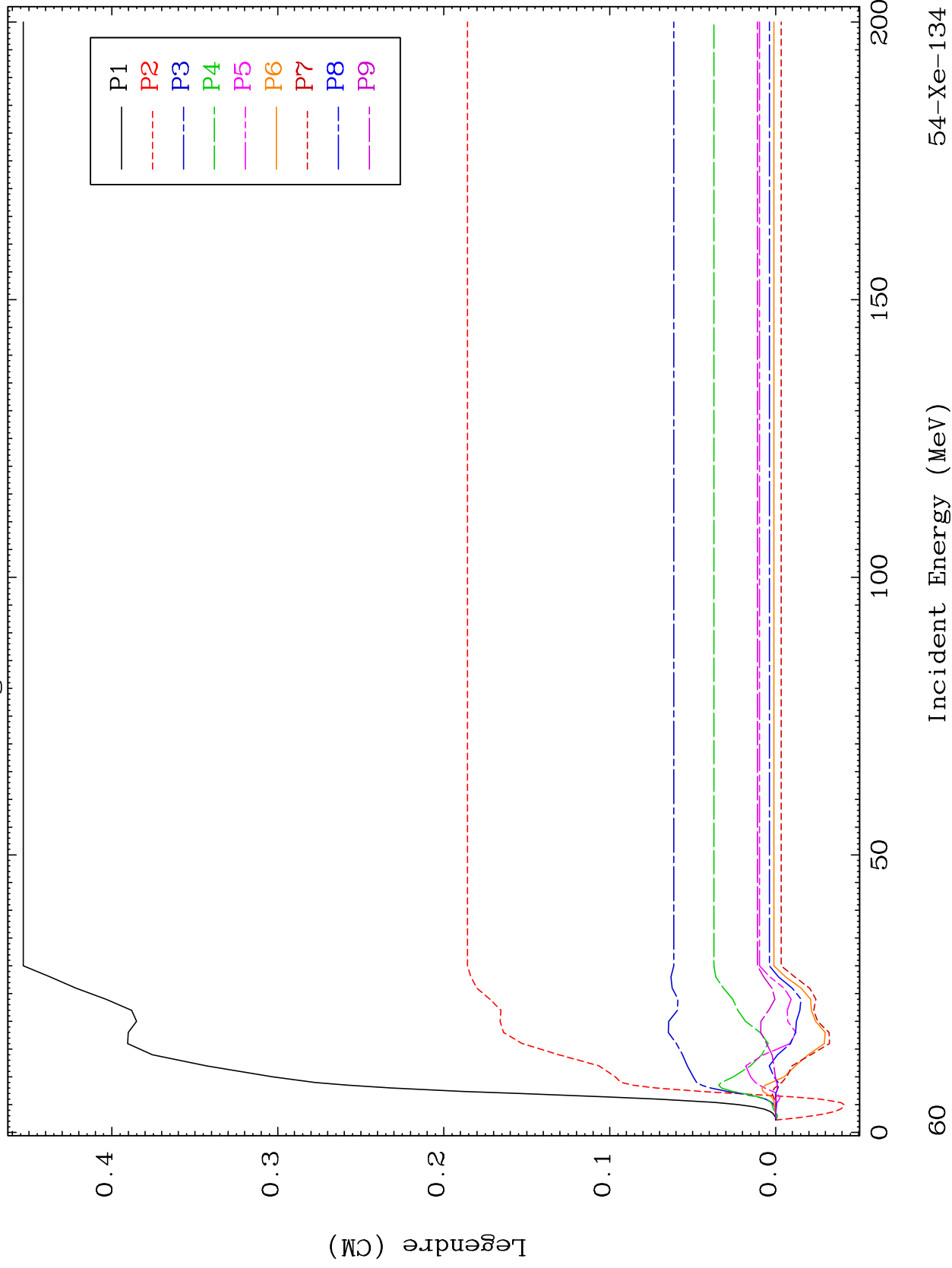
59

54-Xe-134

MAT 5455

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

54-Xe-134



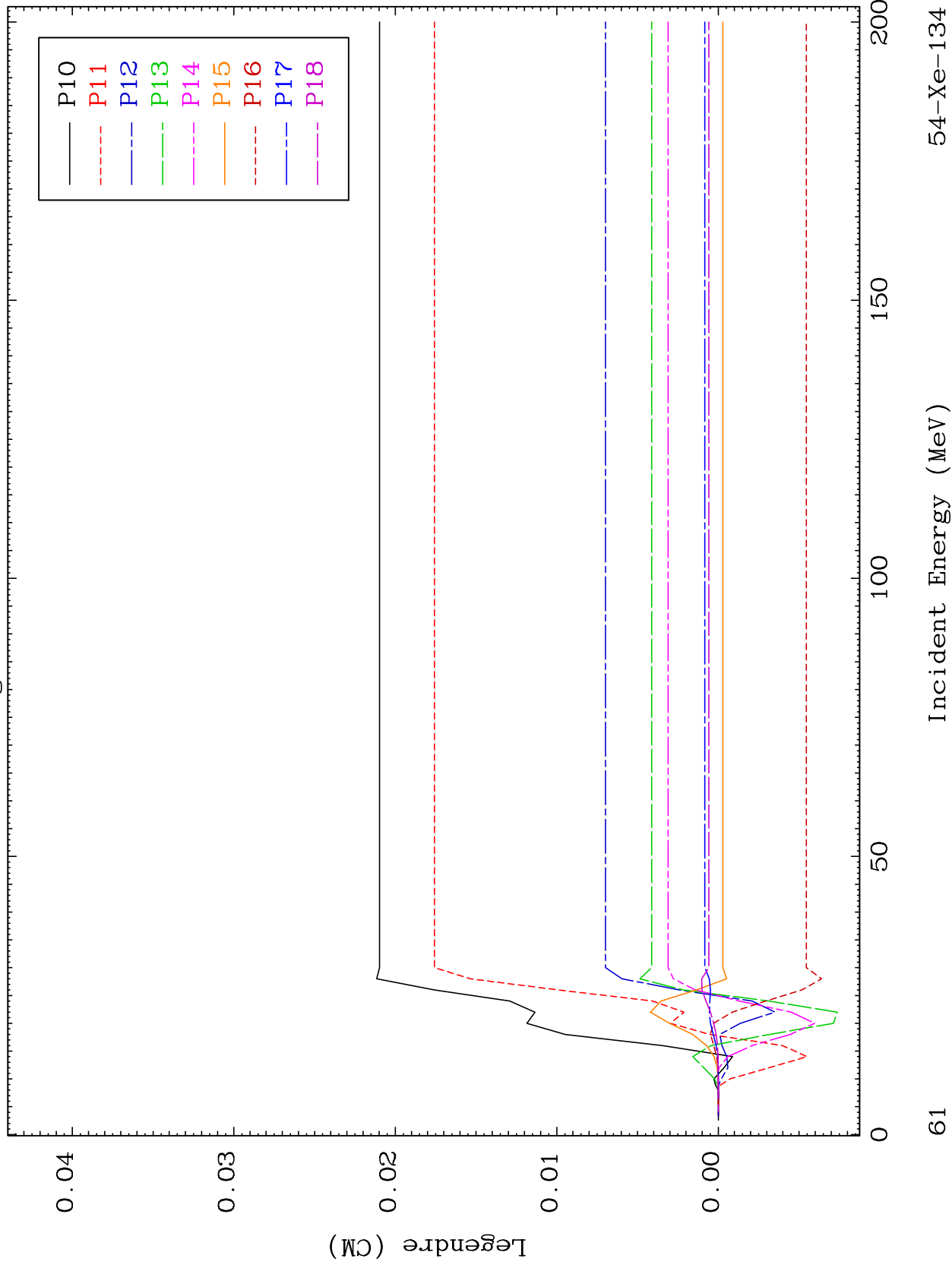
54-Xe-134

Incident Energy (MeV)

MAT 5455

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

54-Xe-134



61

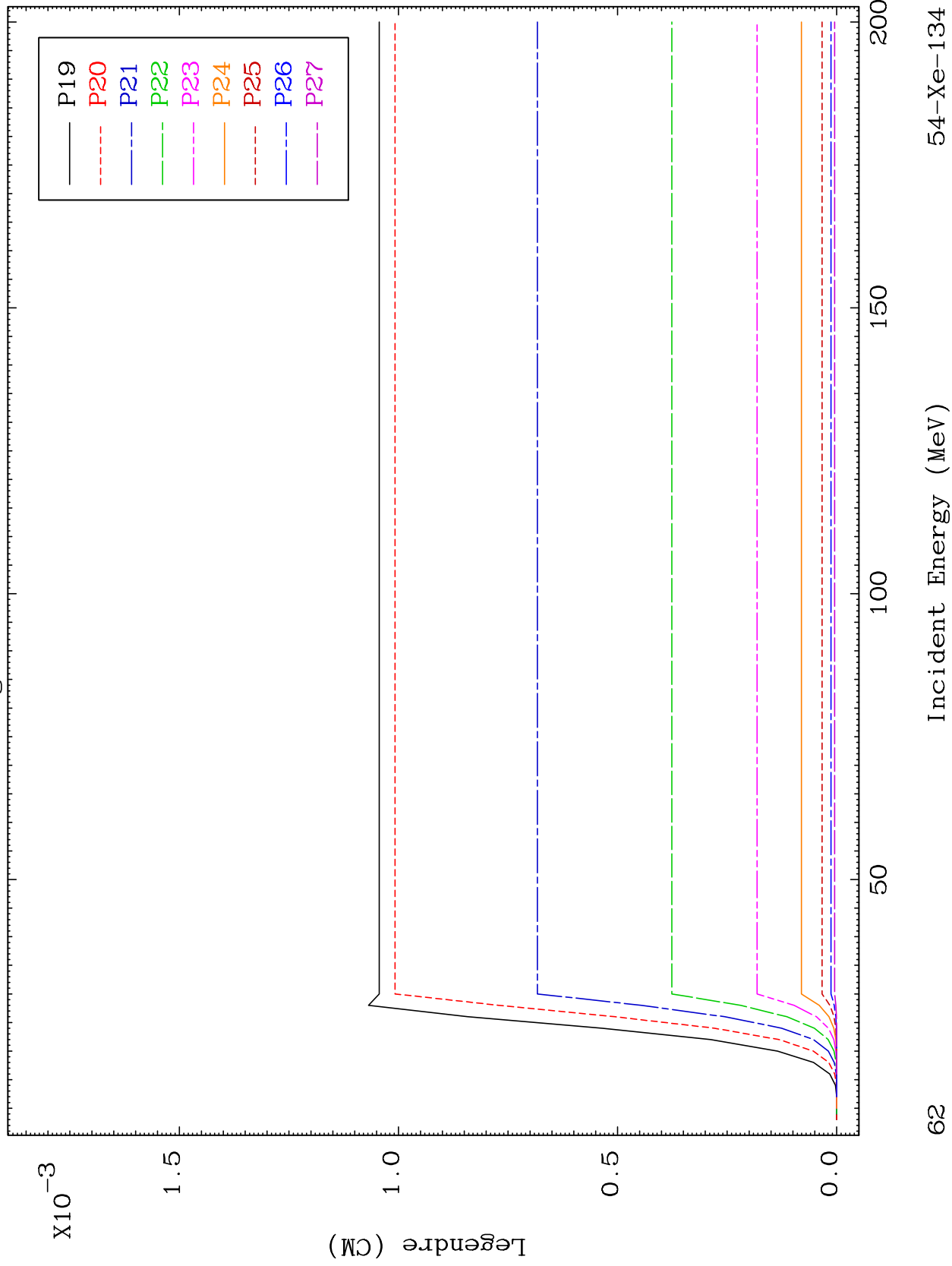
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

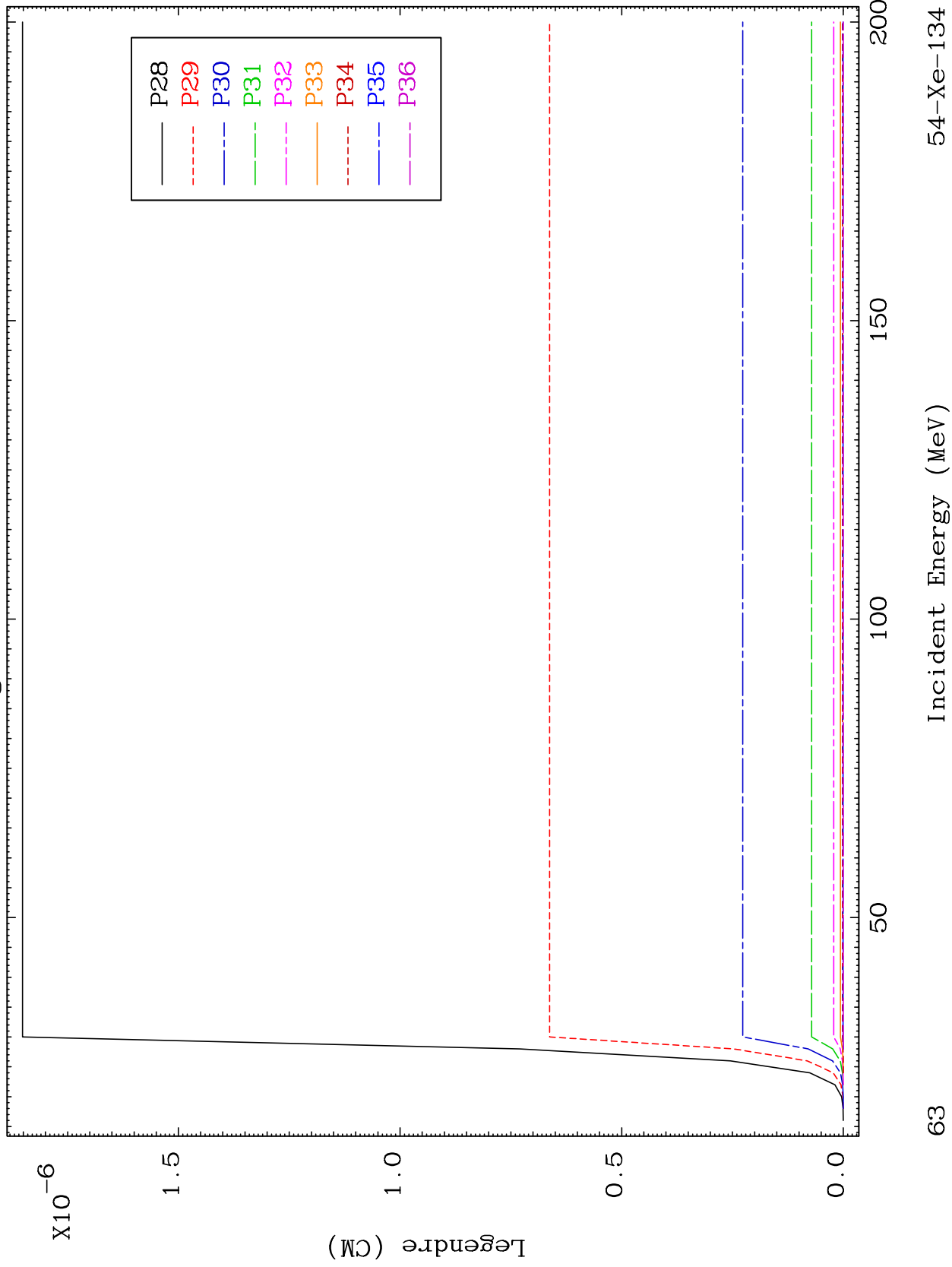
54-Xe-134



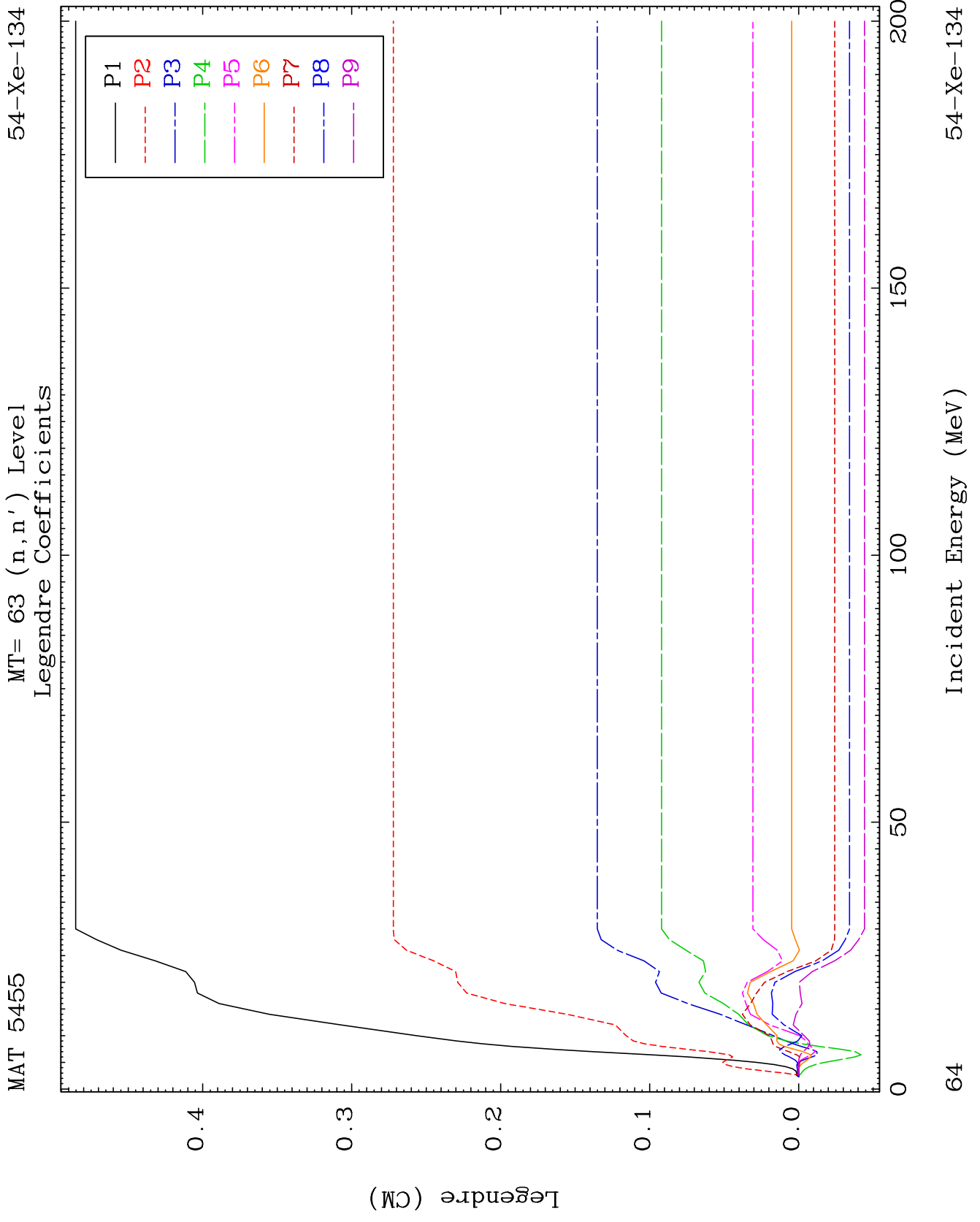
MAT 5455

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

54-Xe-134



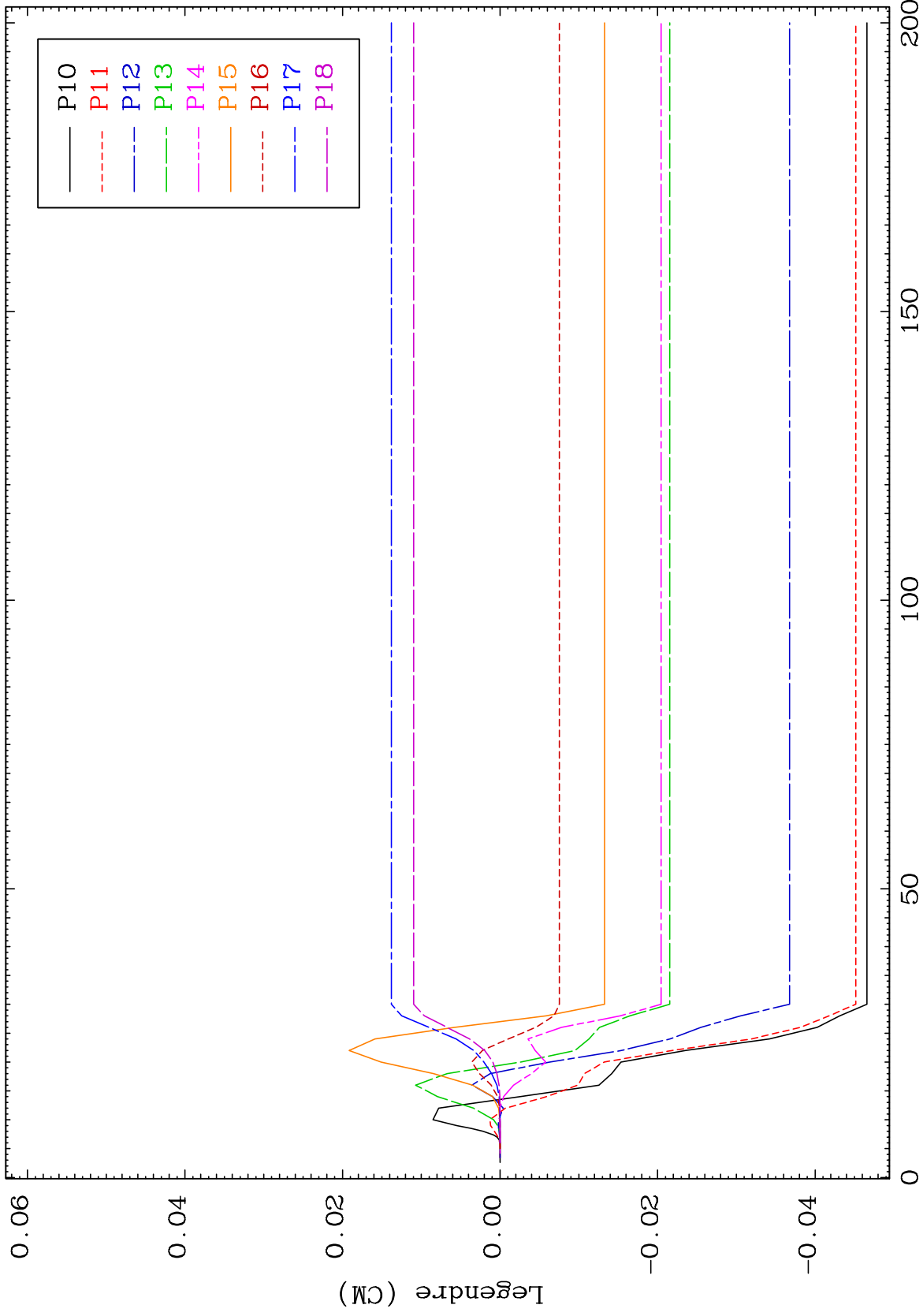




MAT 5455

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

54-Xe-134



65

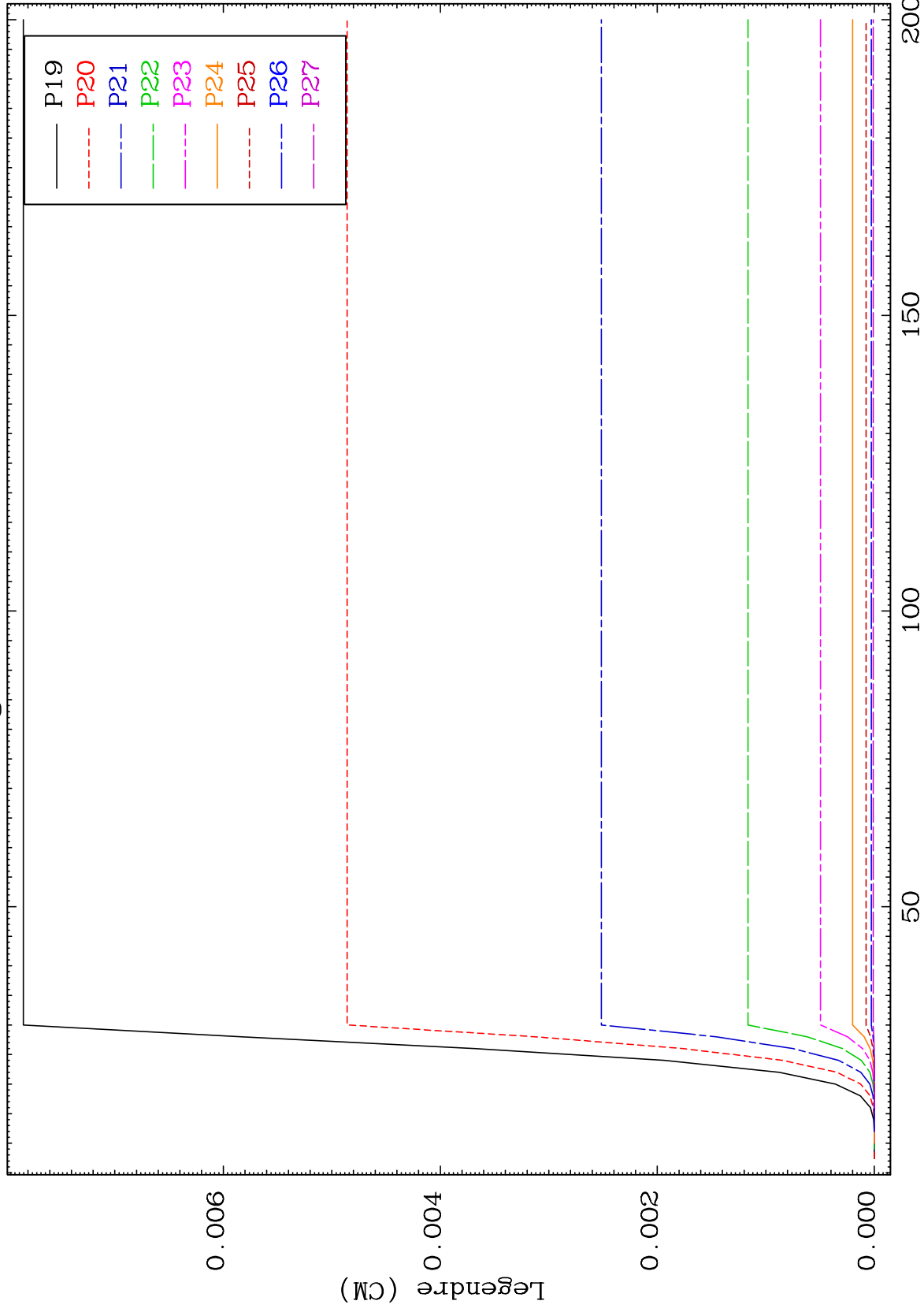
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



66

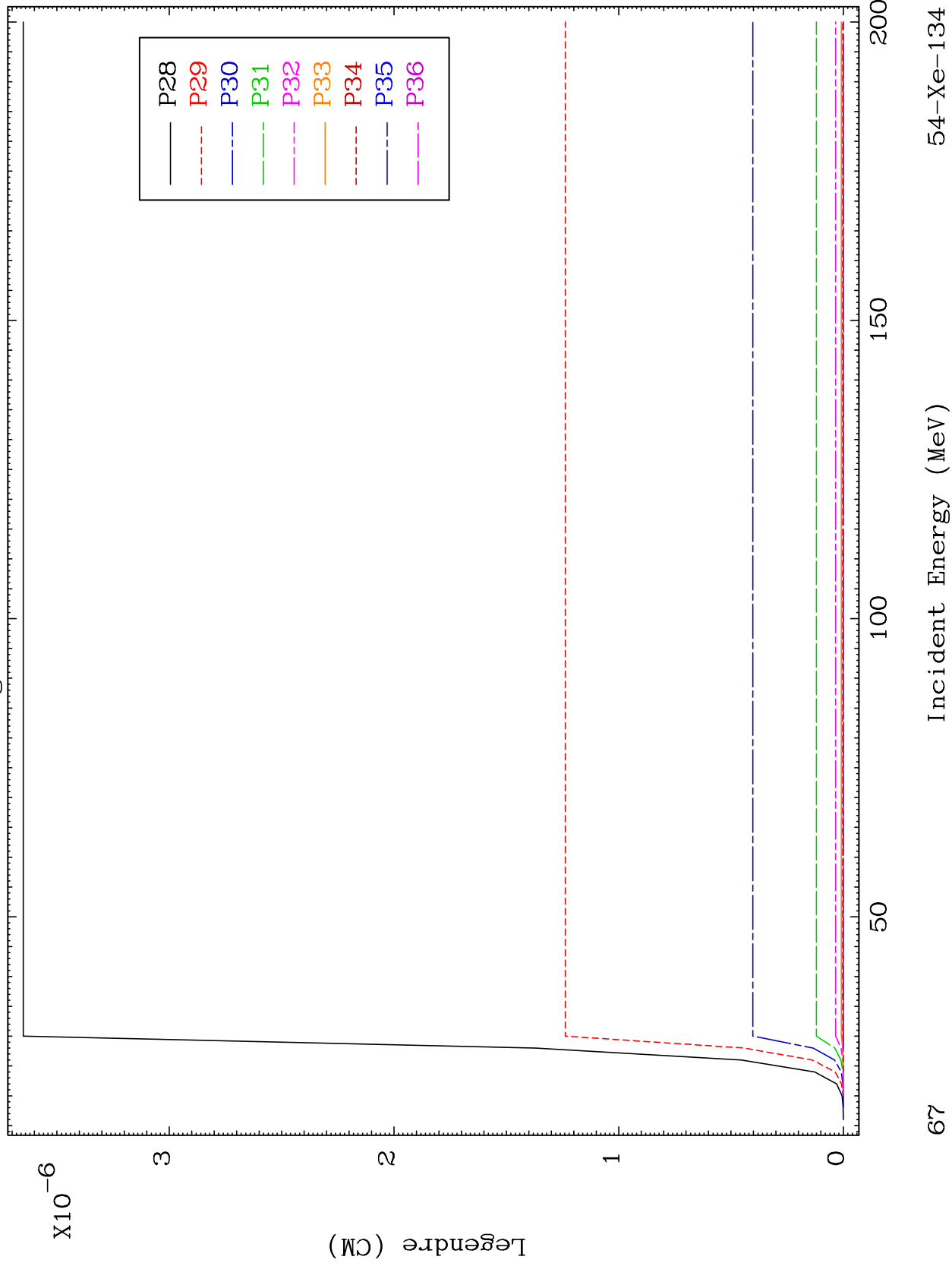
Incident Energy (MeV)

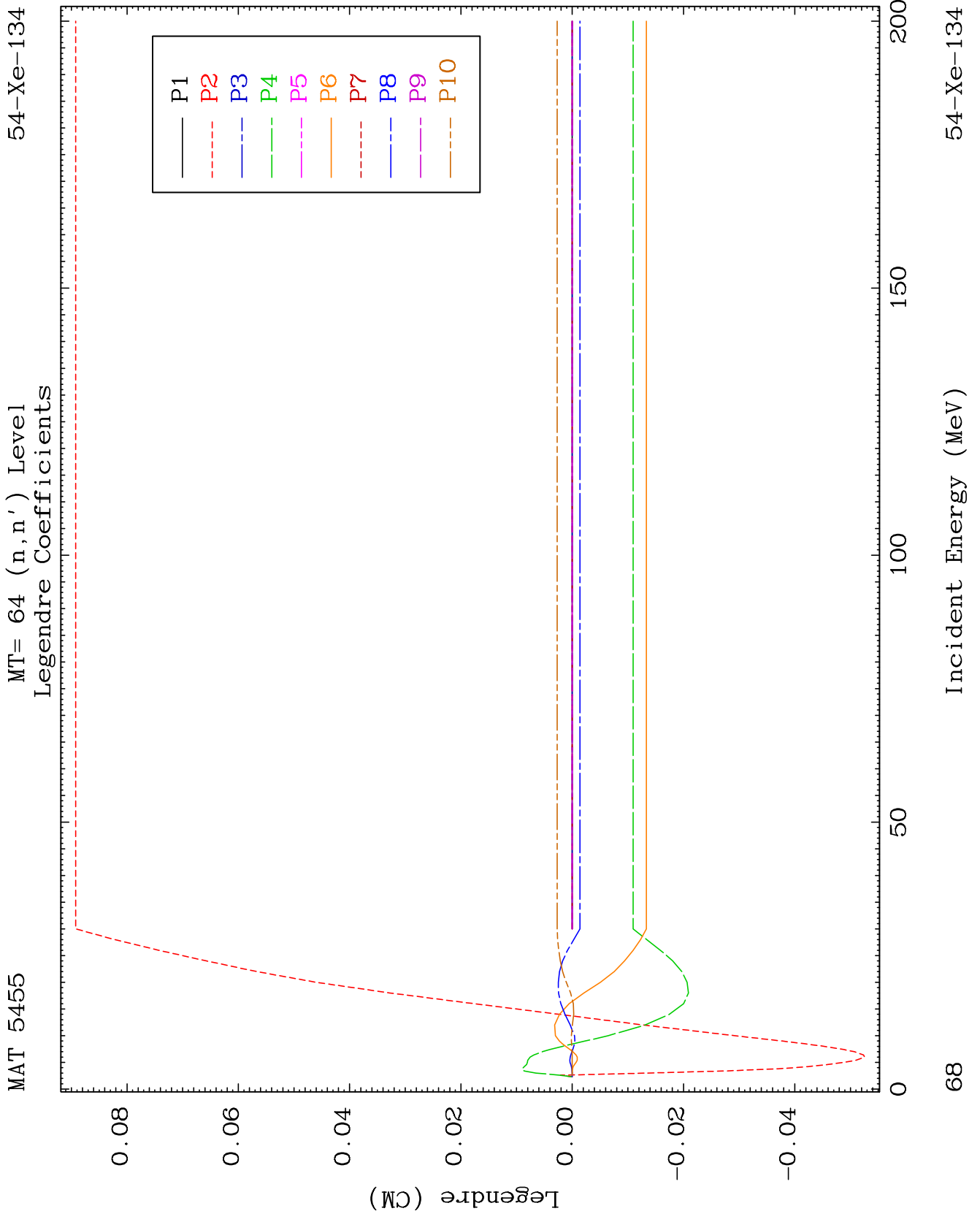
54-Xe-134

MAT 5455

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

54-Xe-134





54-Xe-134

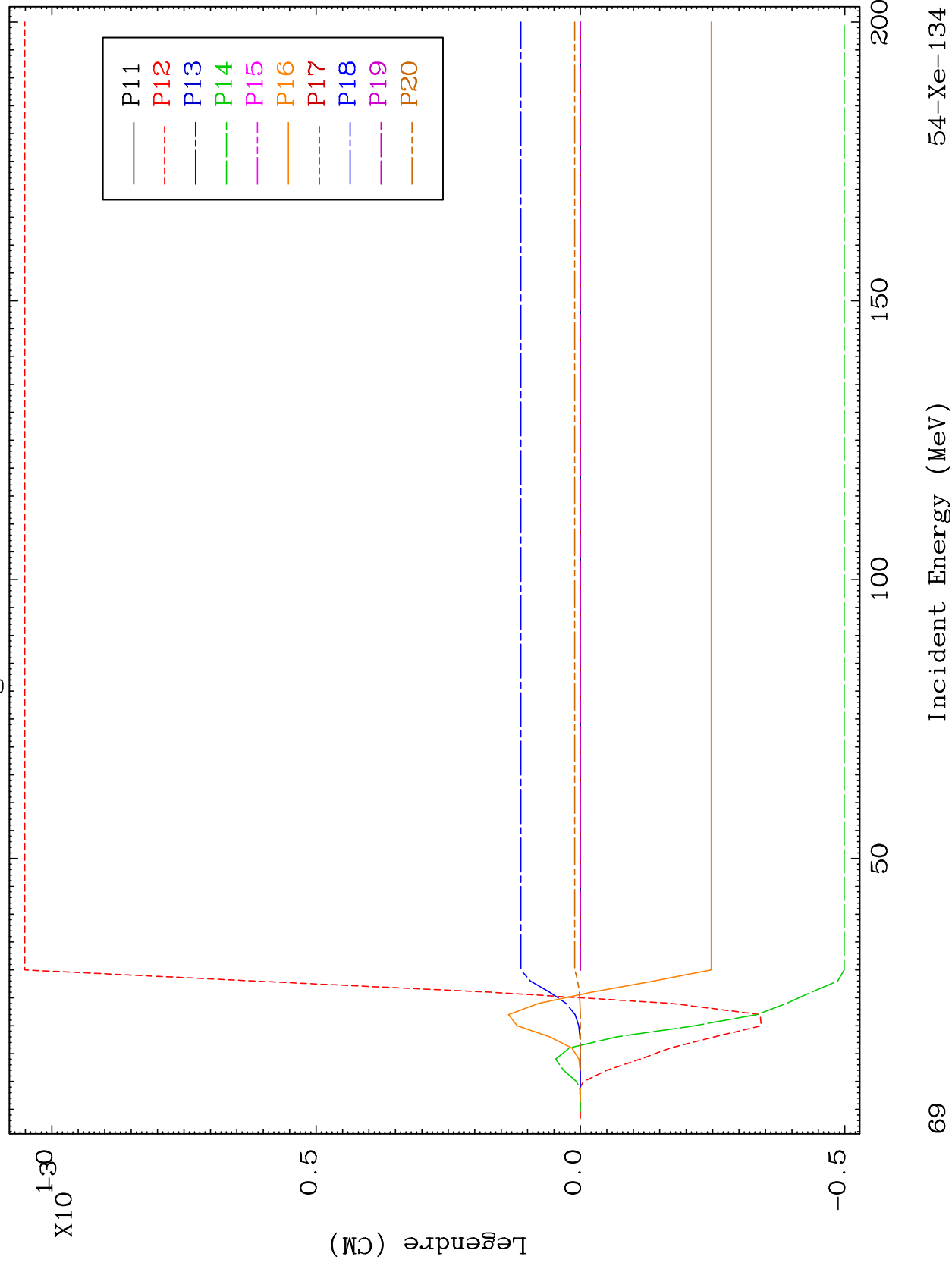
Incident Energy (MeV)

68

MAT 5455

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

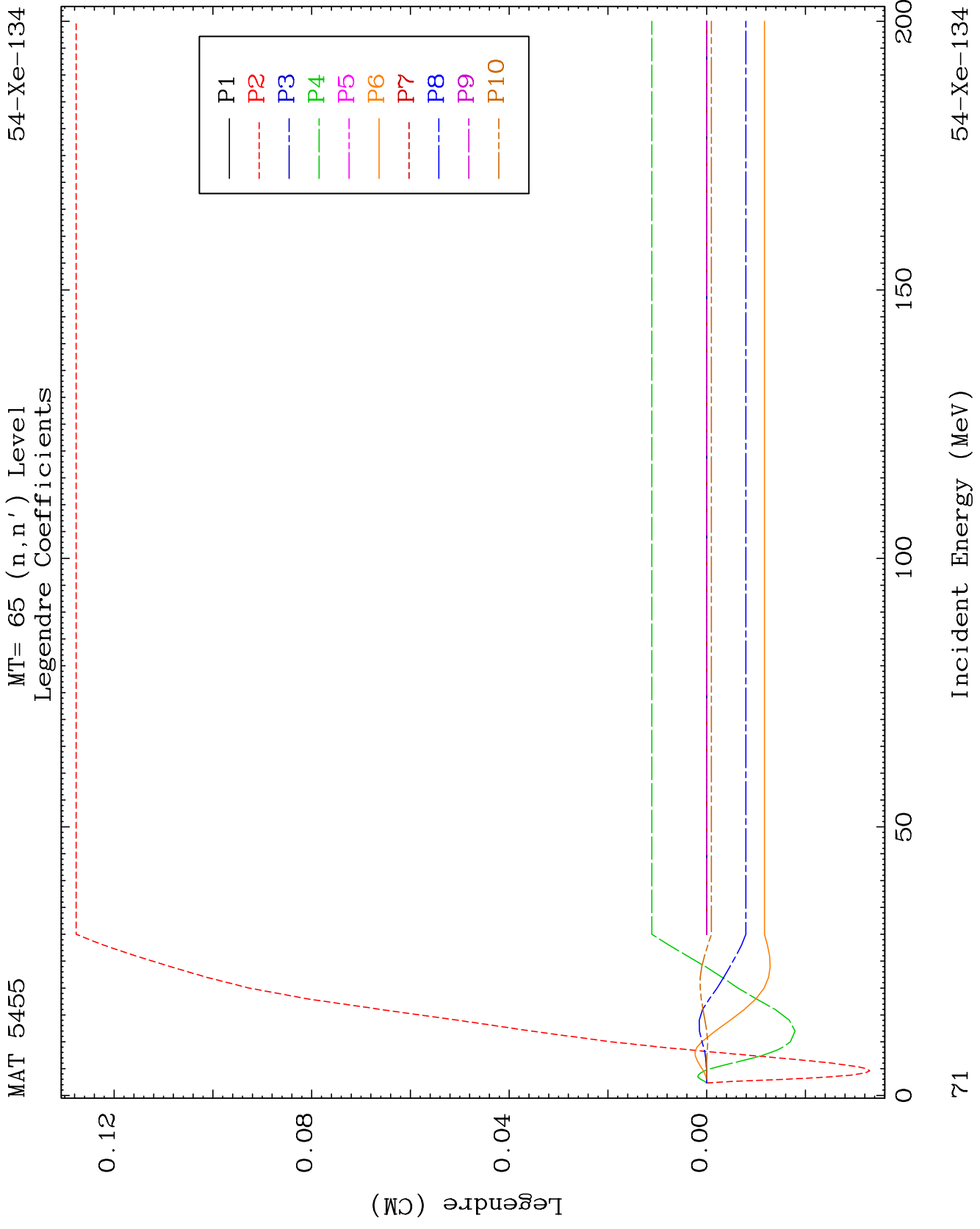
54-Xe-134



69

54-Xe-134





54-Xe-134

Incident Energy (MeV)

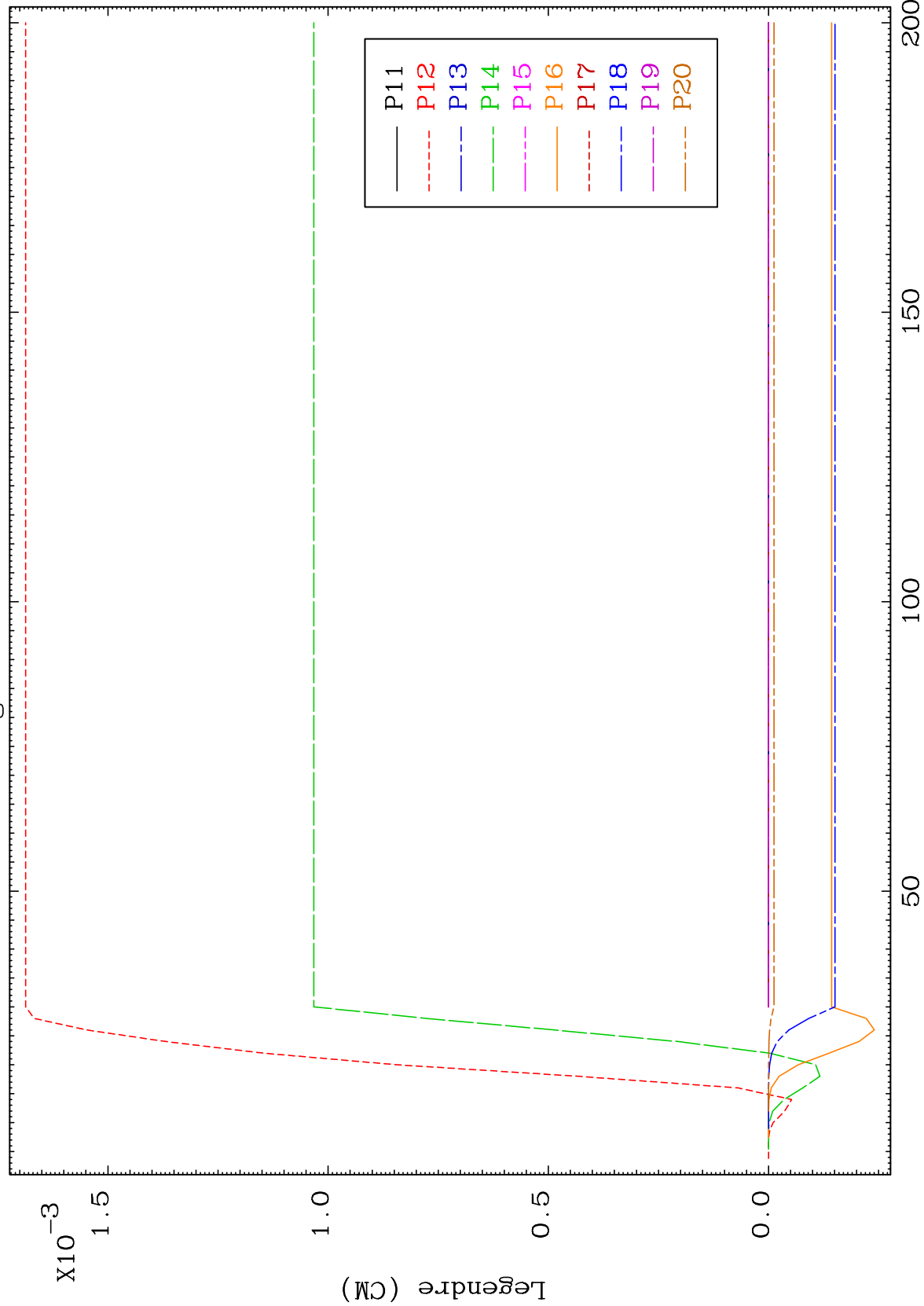
71



MAT 5455

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

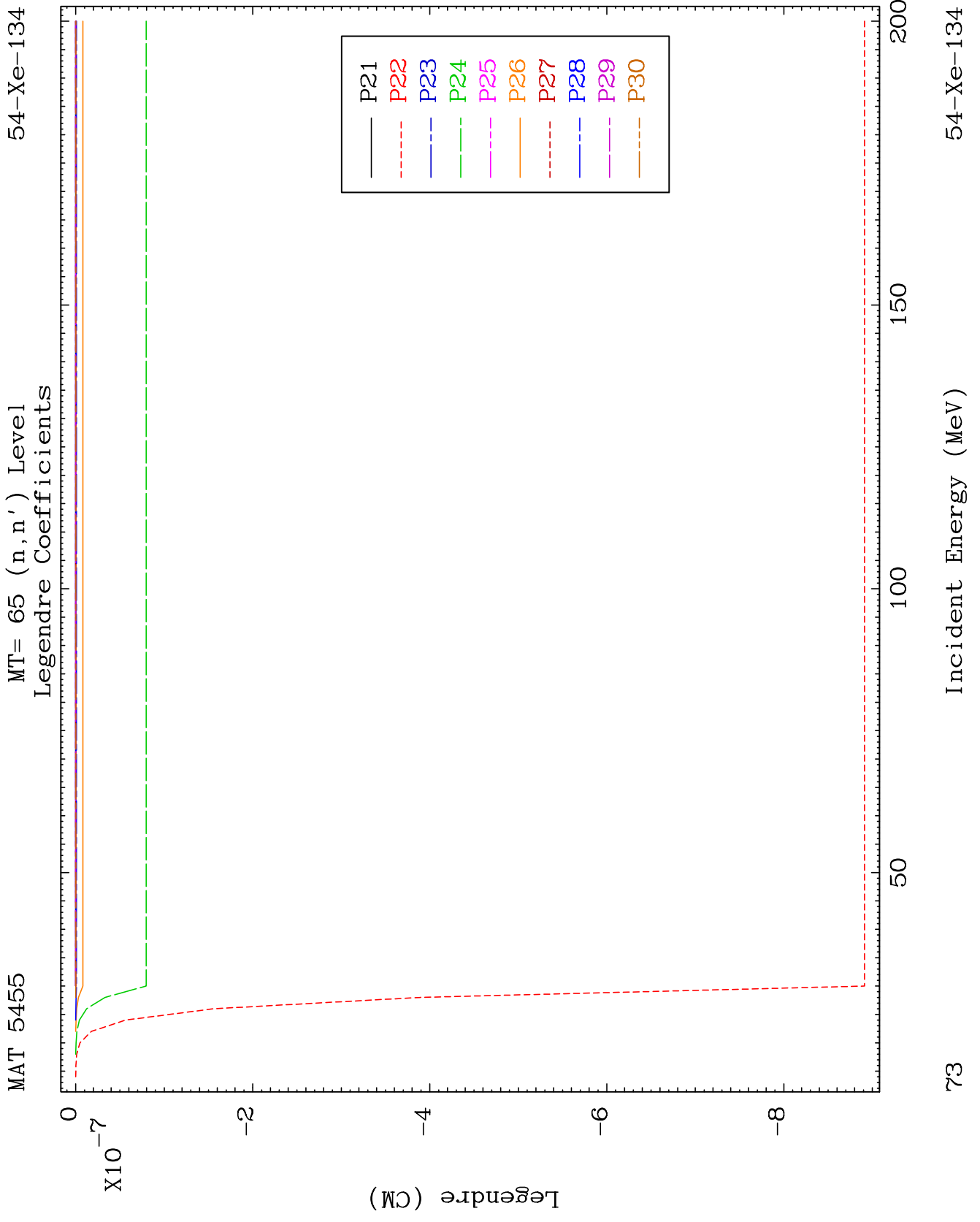
54-Xe-134

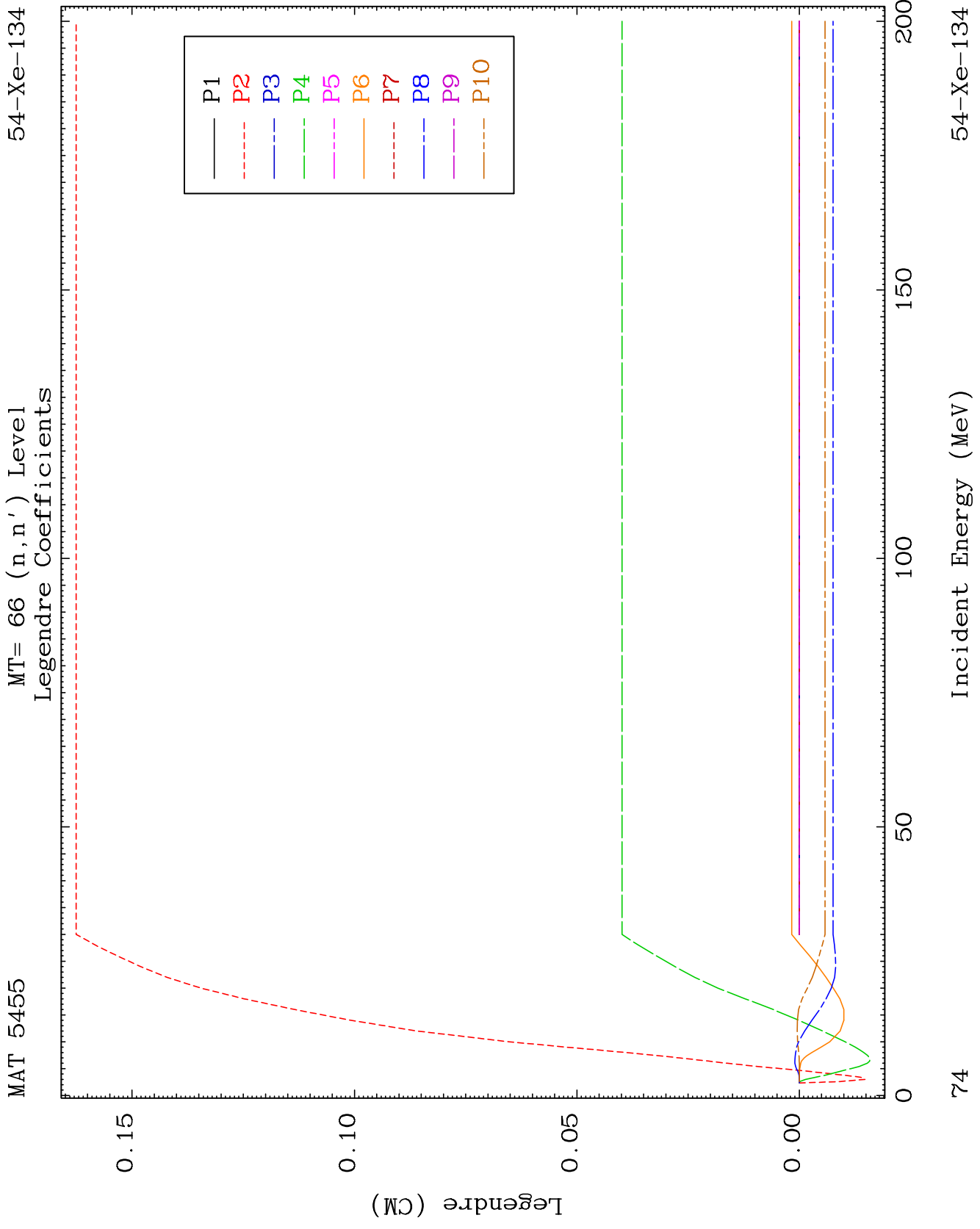


54-Xe-134

Incident Energy (MeV)

72



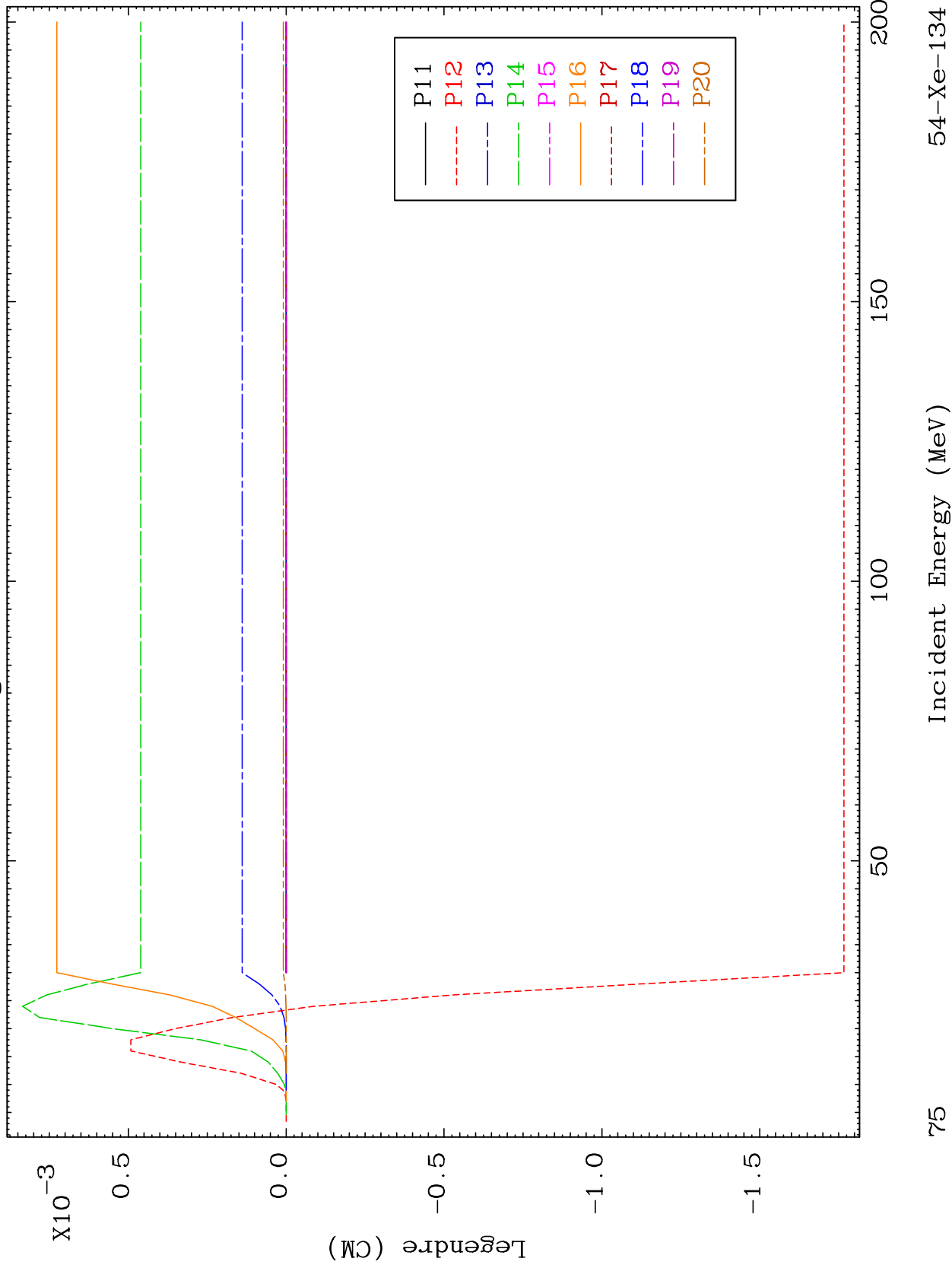


MAT 5455

MT= 66 (n,n') Level

54-Xe-134

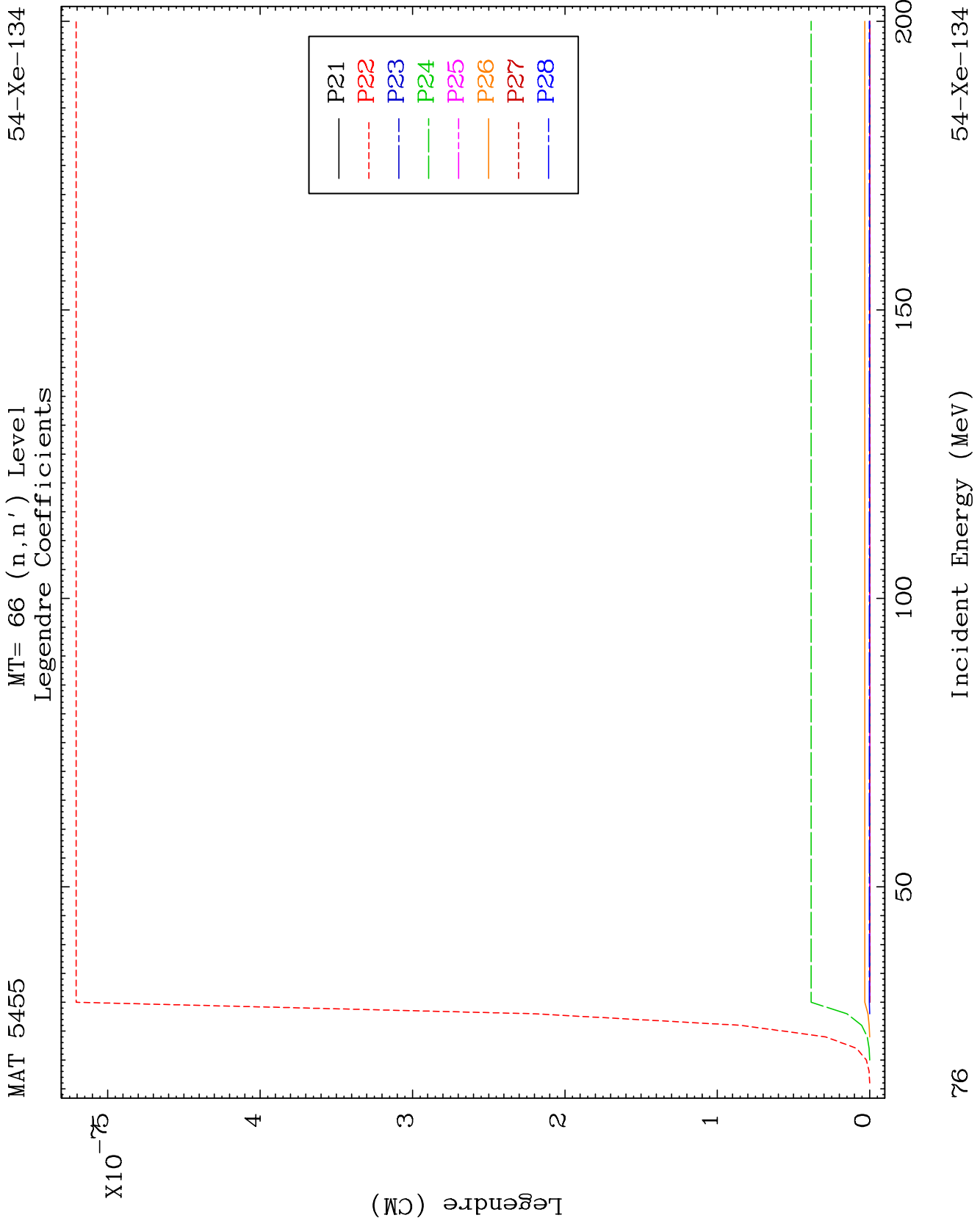
Legendre Coefficients



75

Incident Energy (MeV)

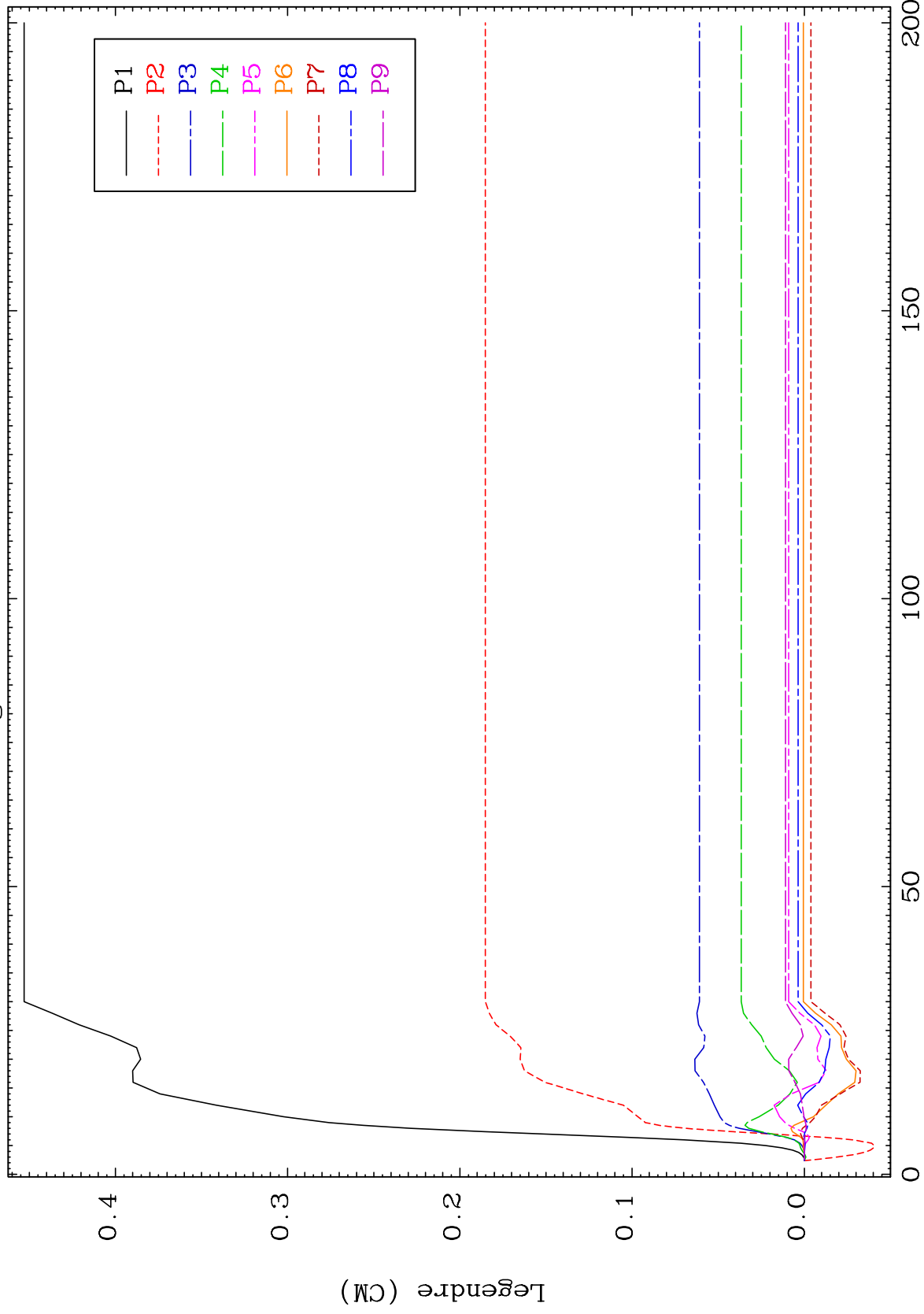
54-Xe-134



MAT 5455

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

54-Xe-134



77

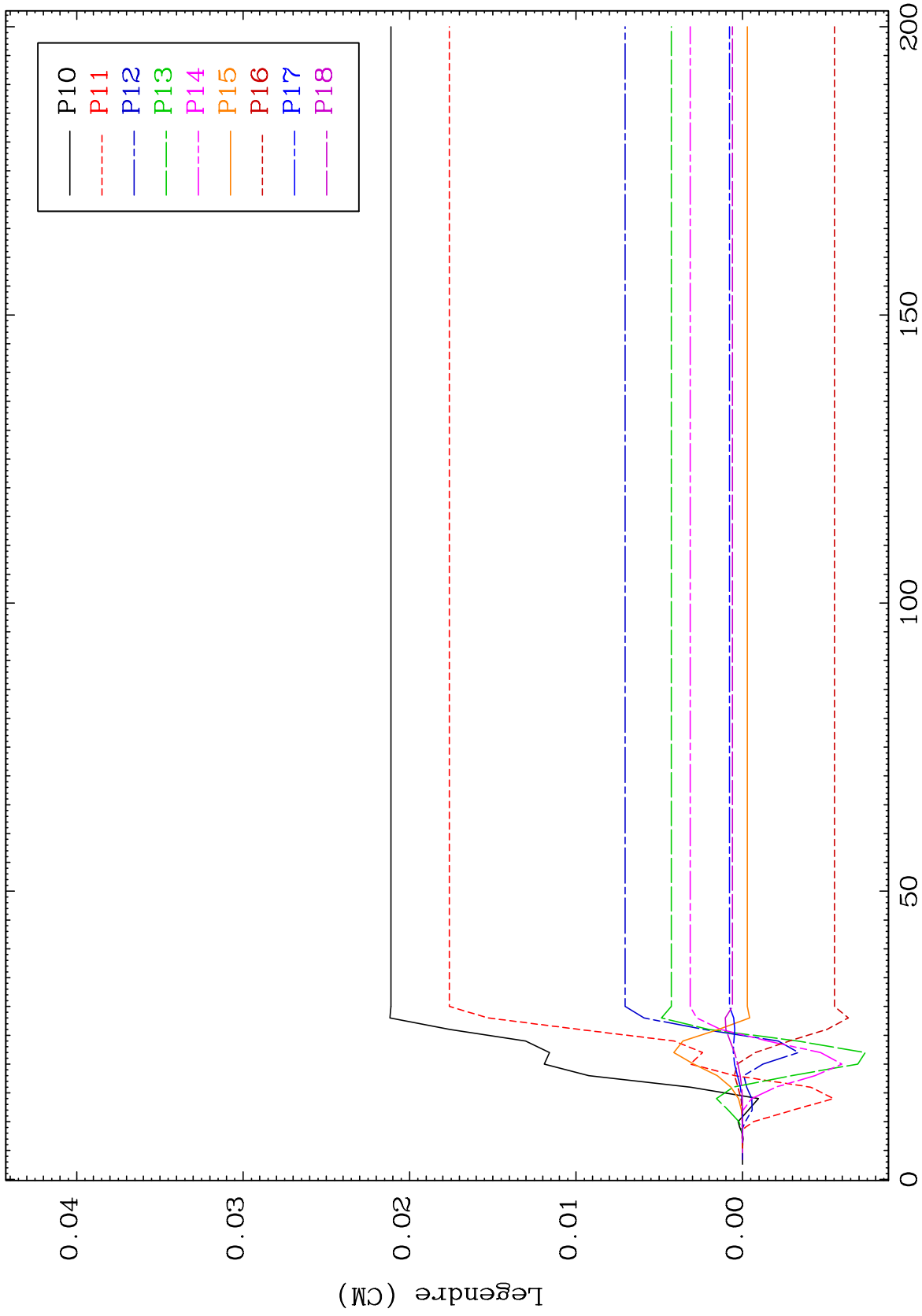
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



78

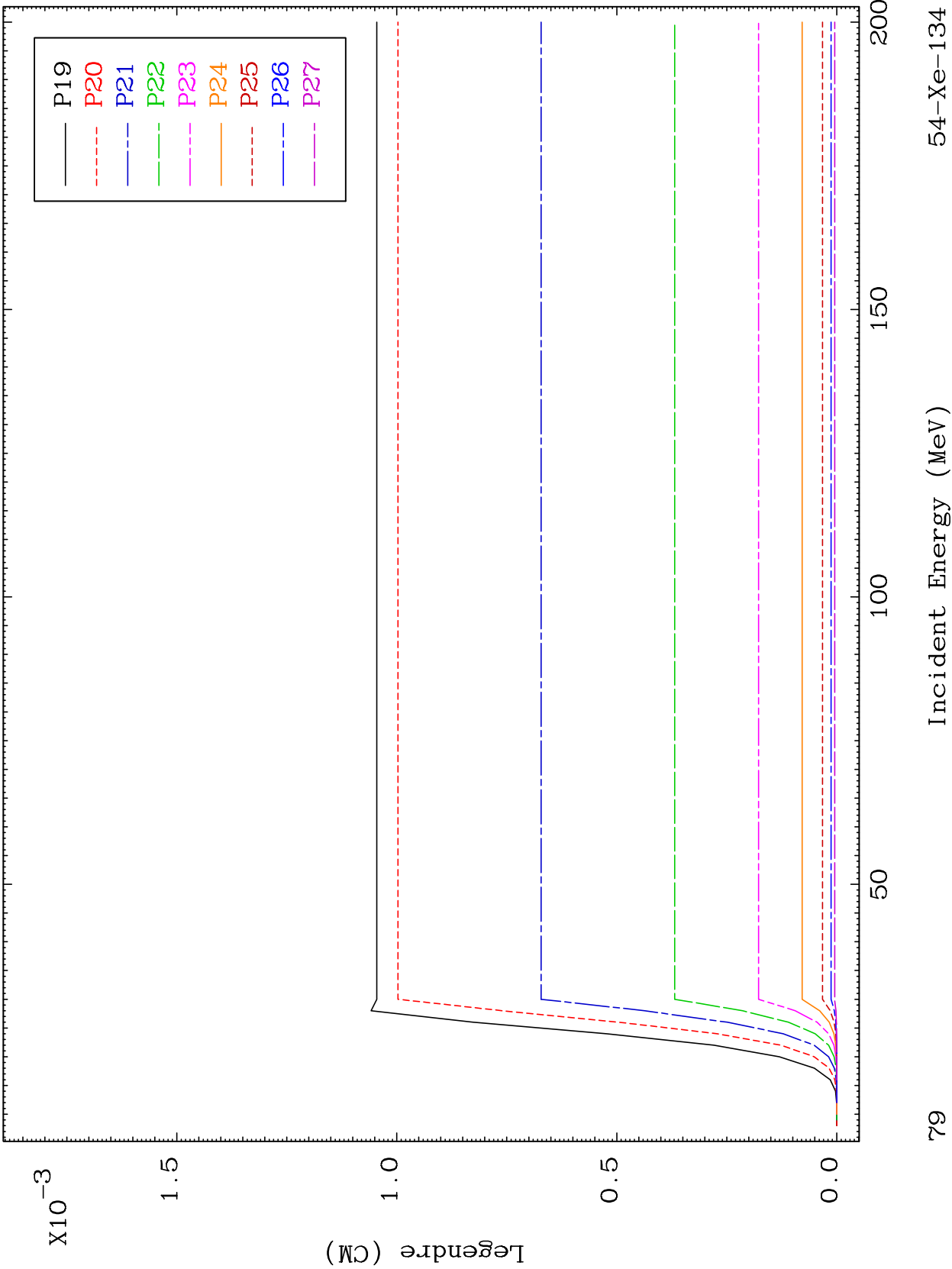
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



79

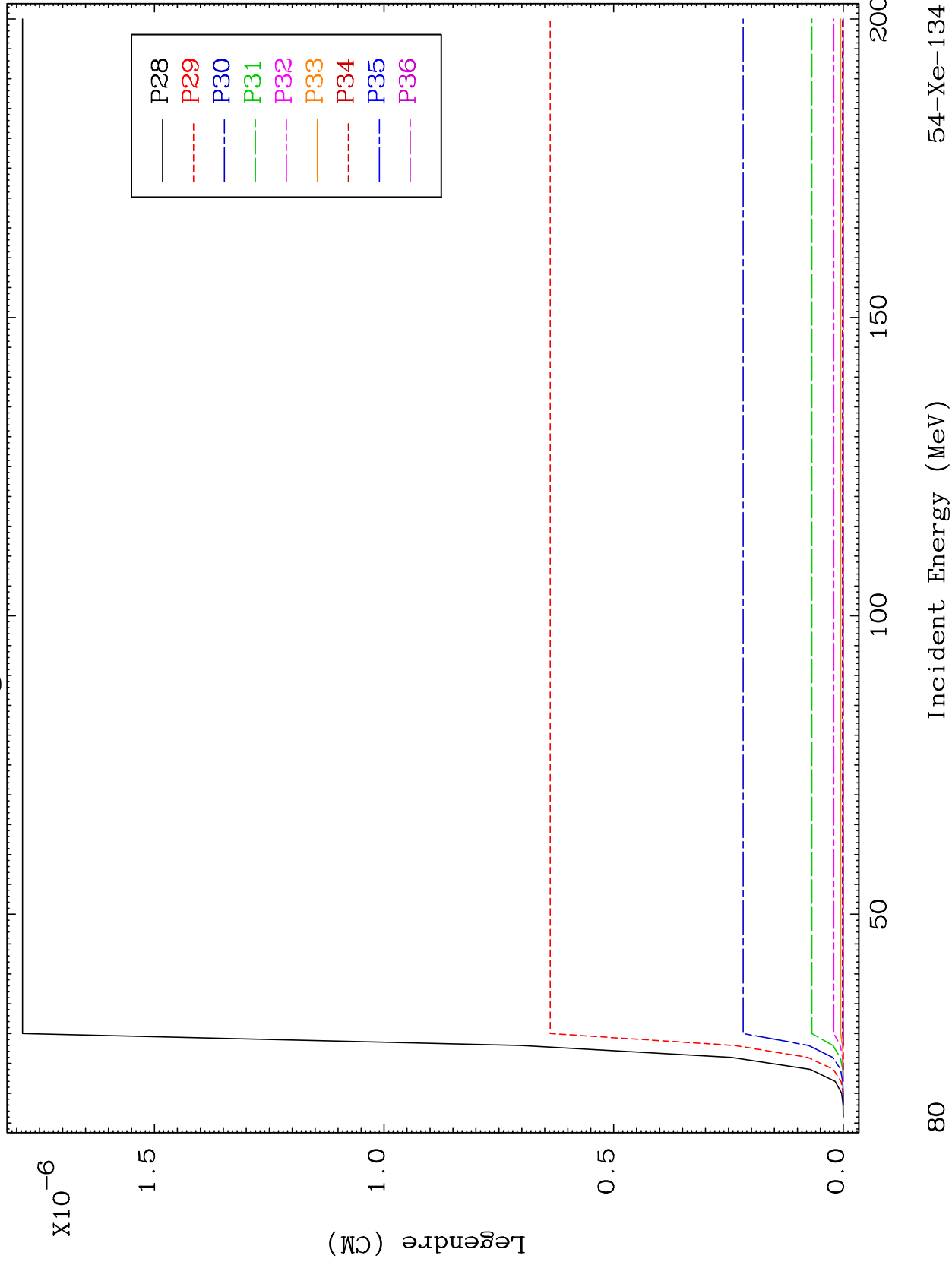
54-Xe-134



MAT 5455

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

54-Xe-134



54-Xe-134

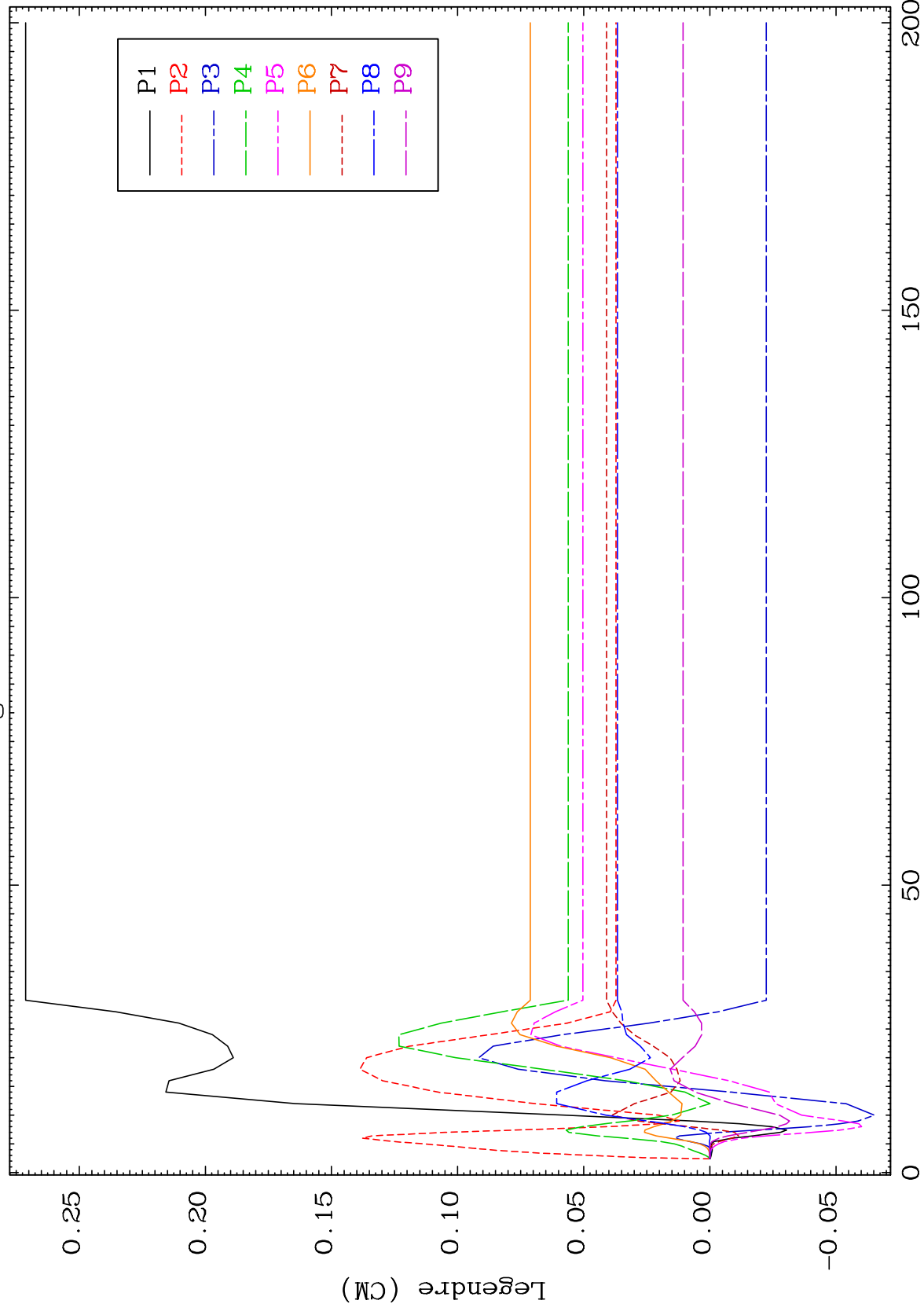
Incident Energy (MeV)

80

MAT 5455

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

54-Xe-134



81

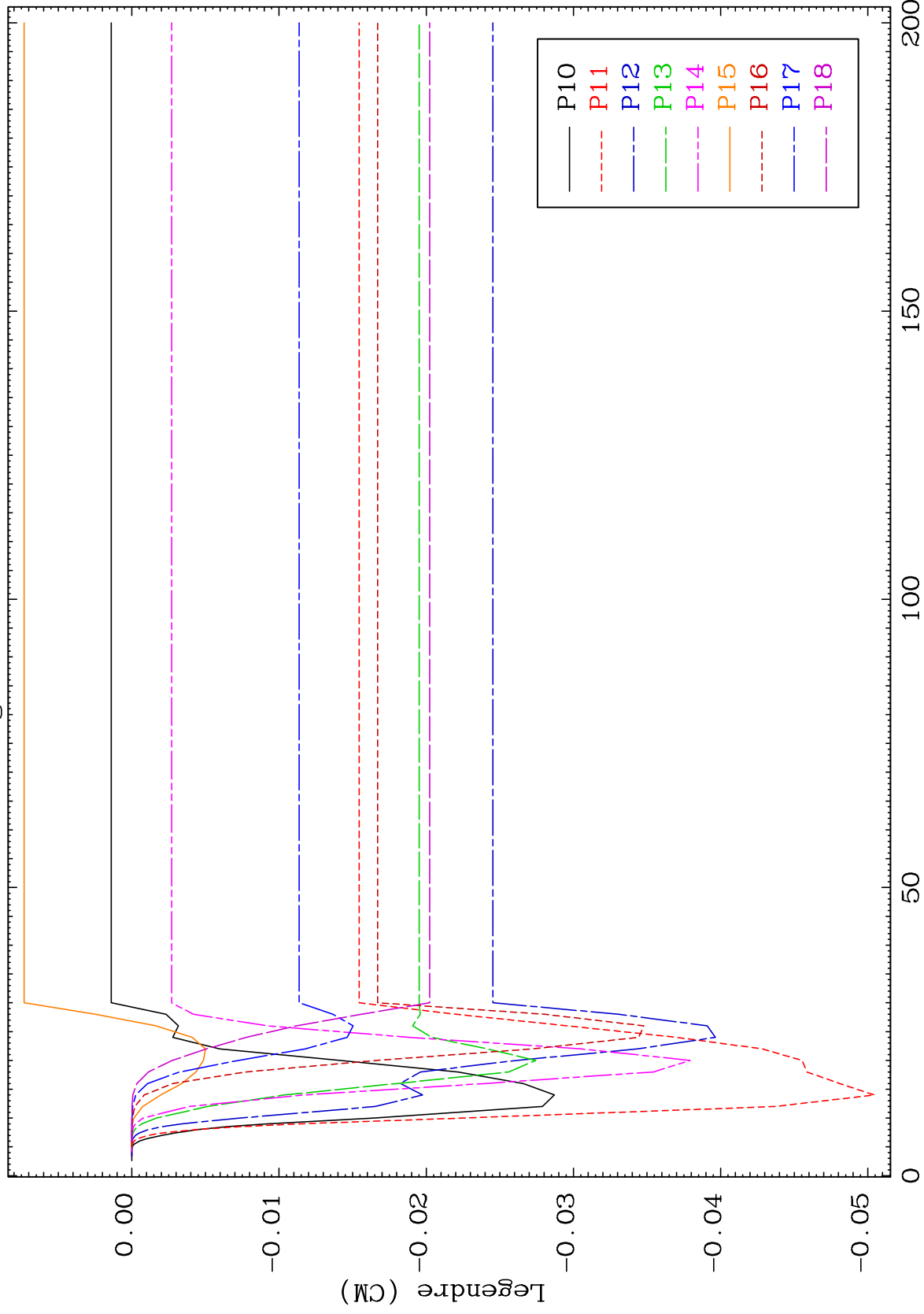
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

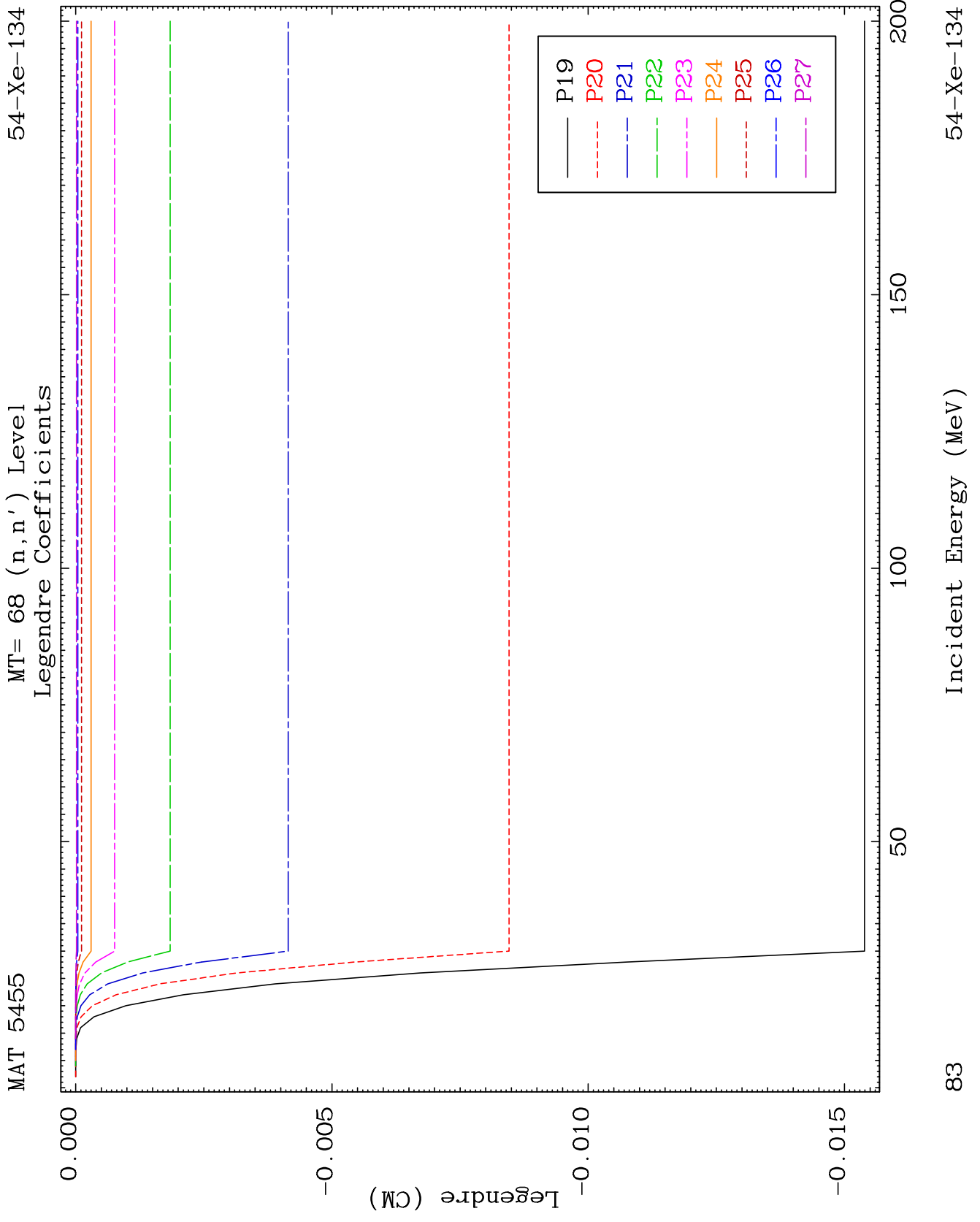
54-Xe-134

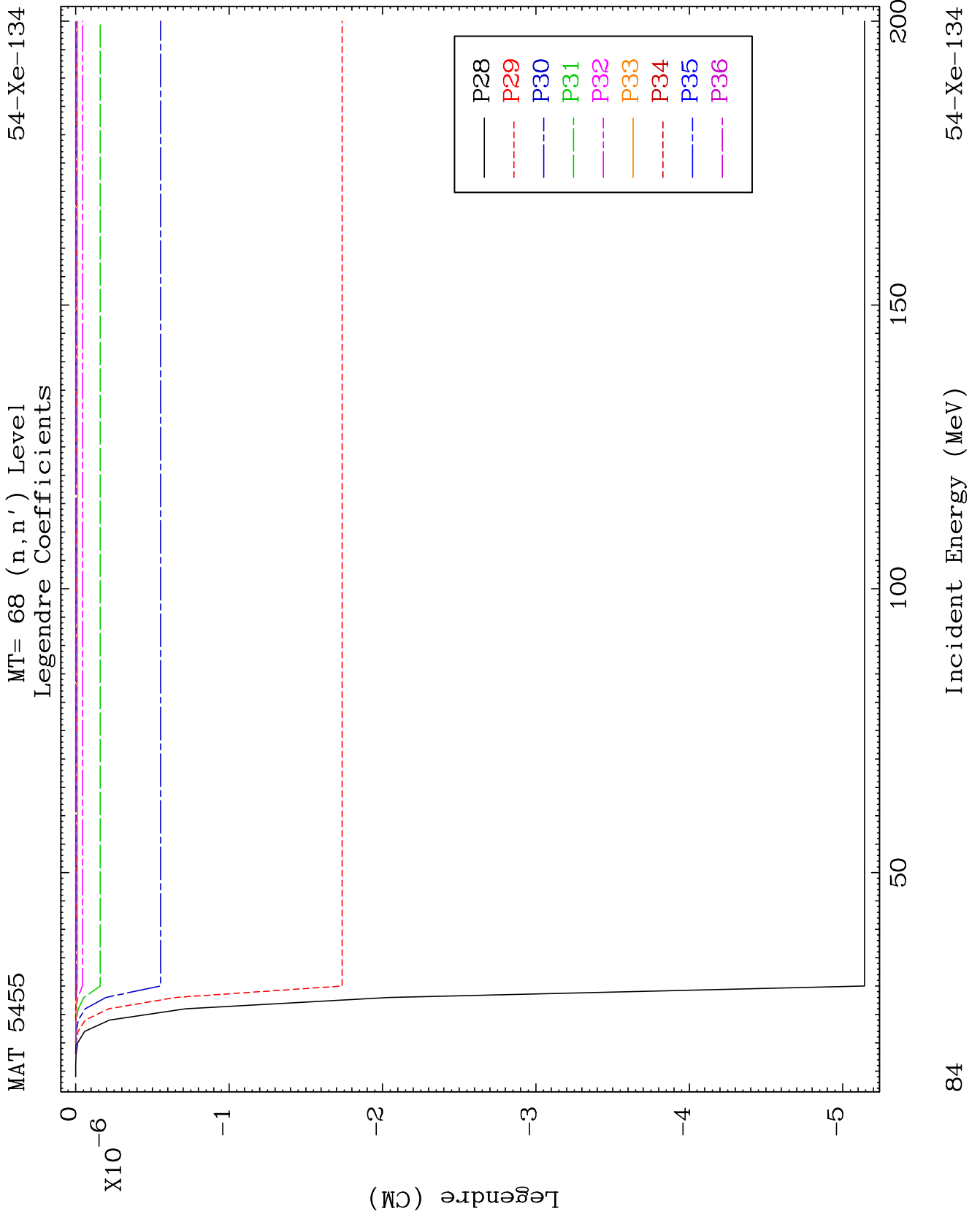


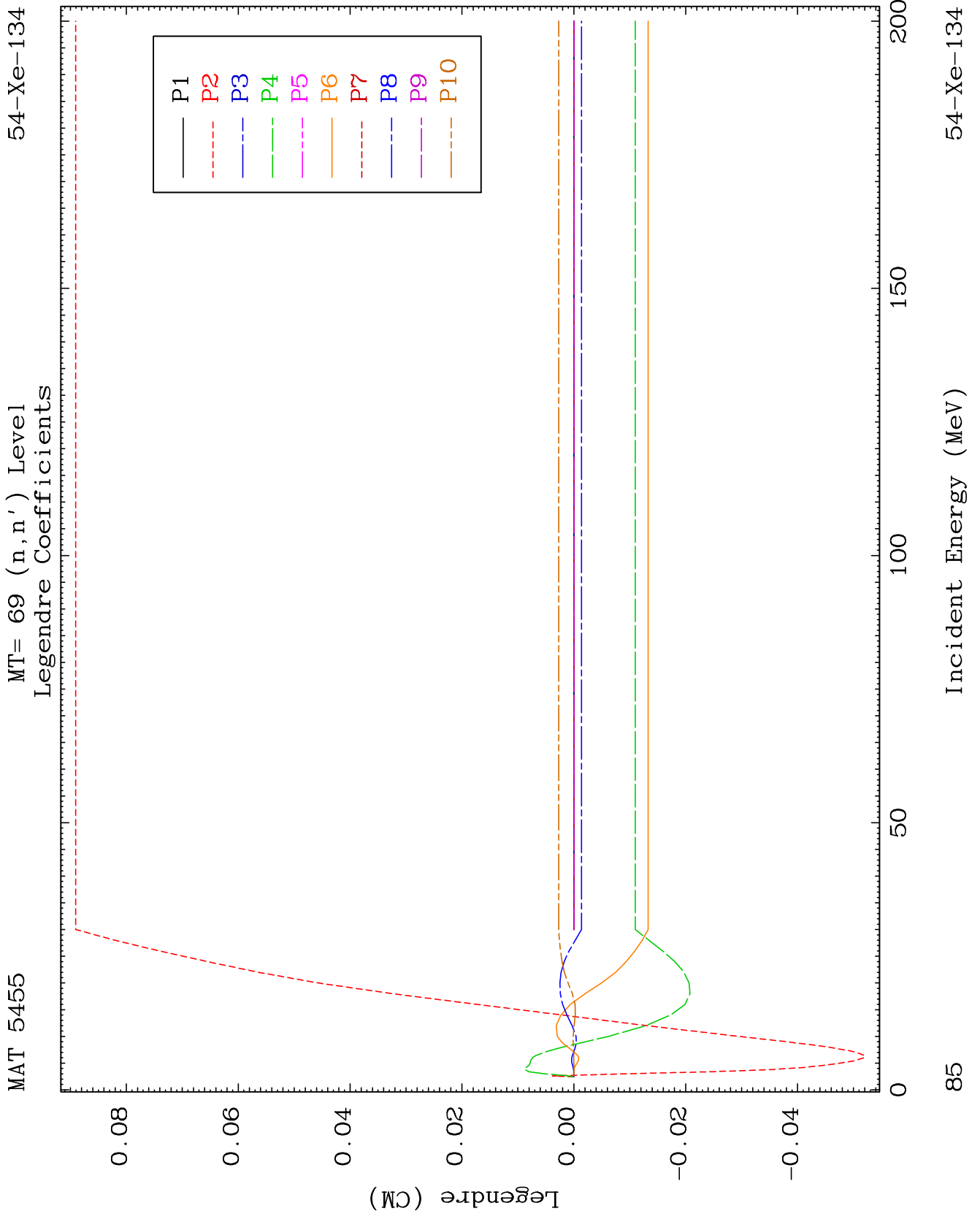
82

Incident Energy (MeV)

54-Xe-134



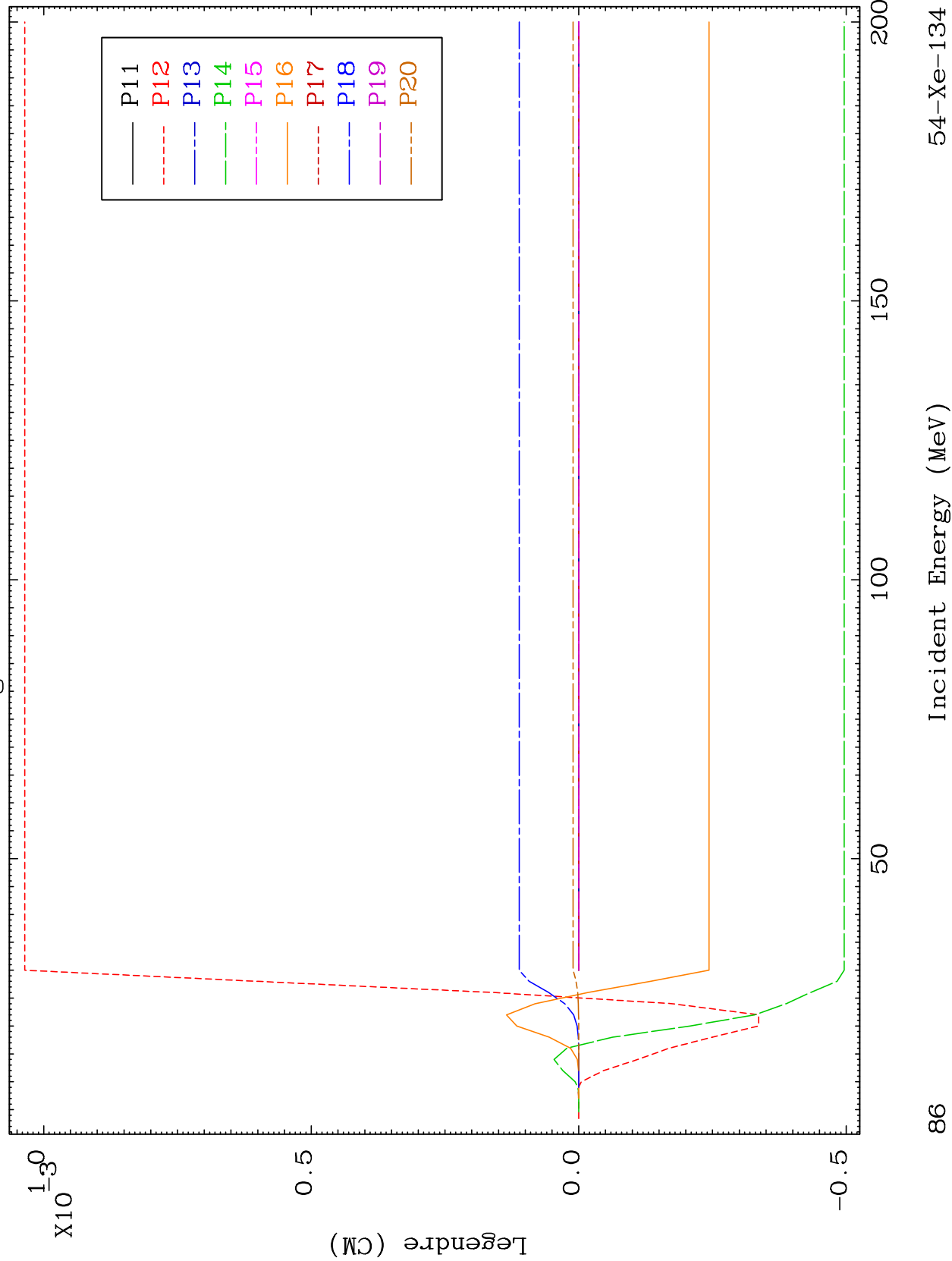




MAT 5455

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

54-Xe-134



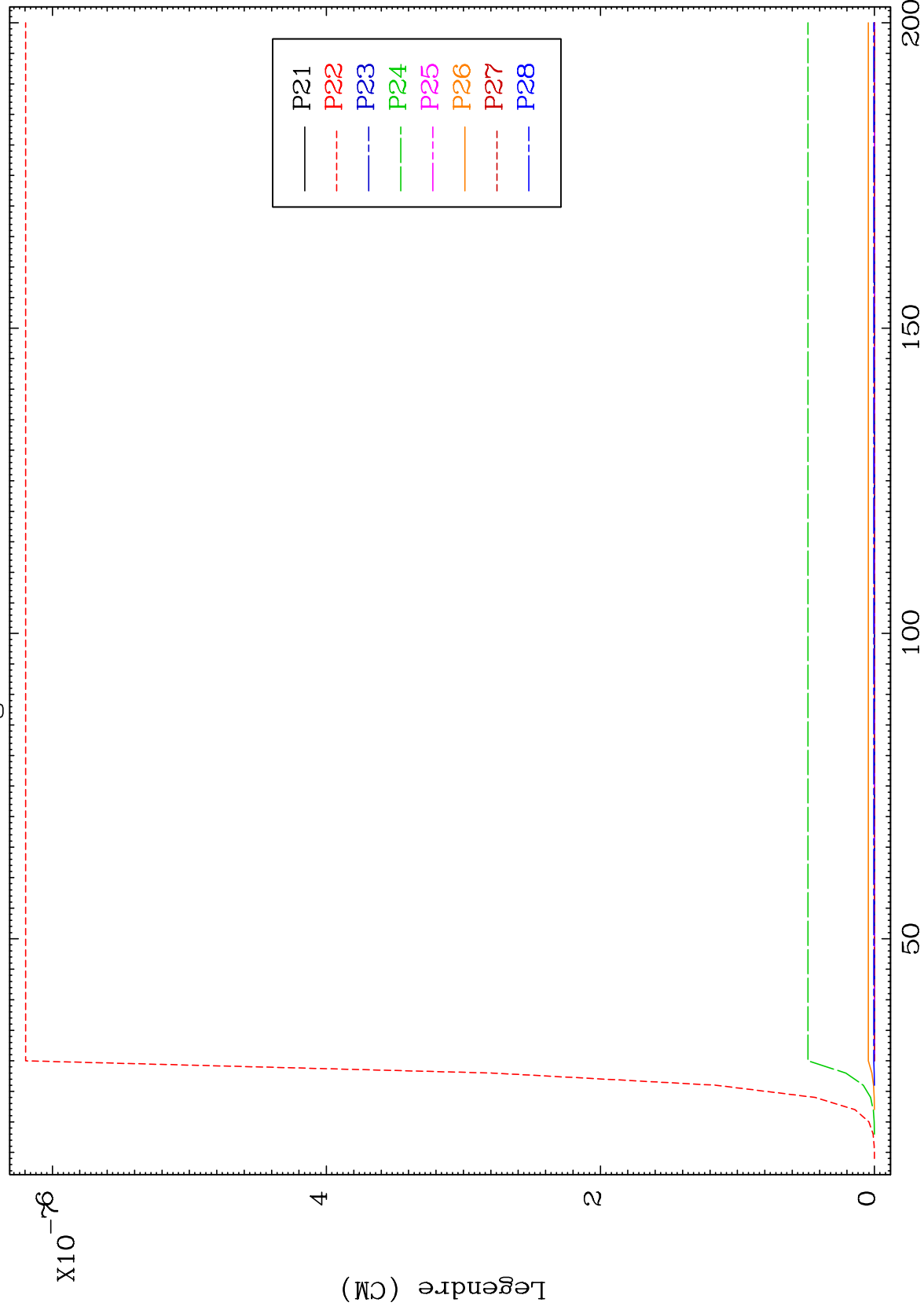
86

54-Xe-134

MAT 5455

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

54-Xe-134



54-Xe-134

Incident Energy (MeV)

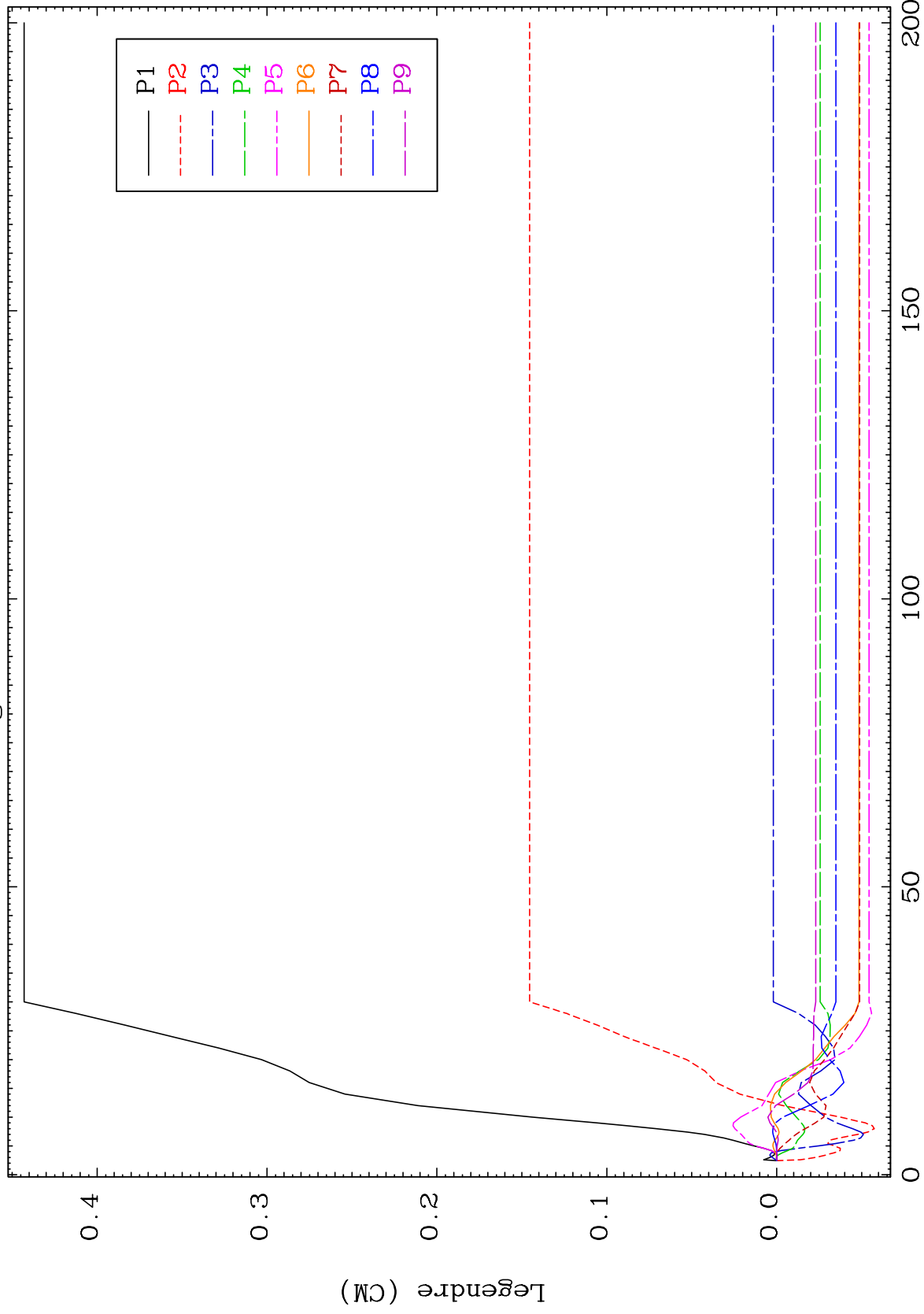
87



MAT 5455

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

54-Xe-134



88

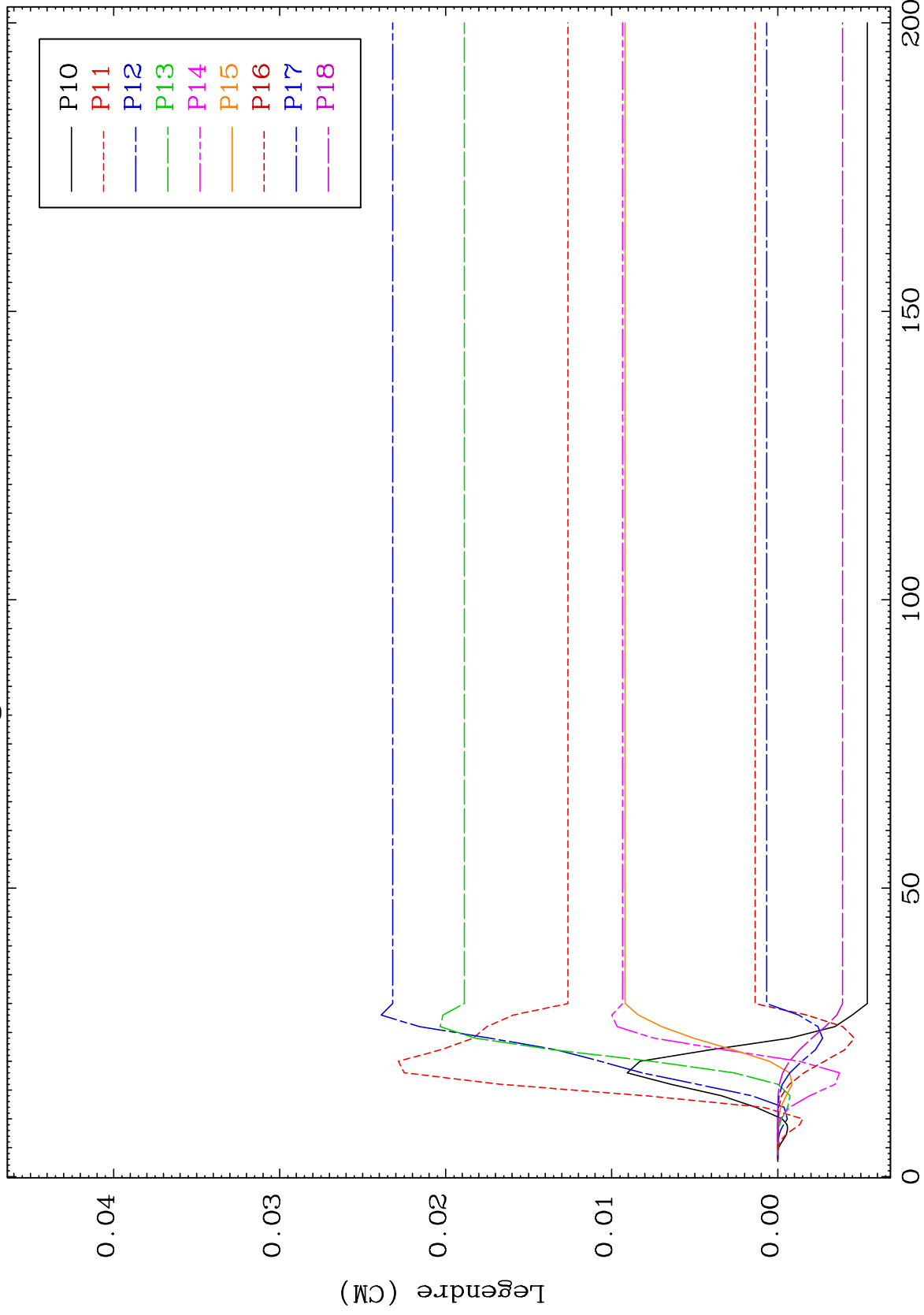
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



89

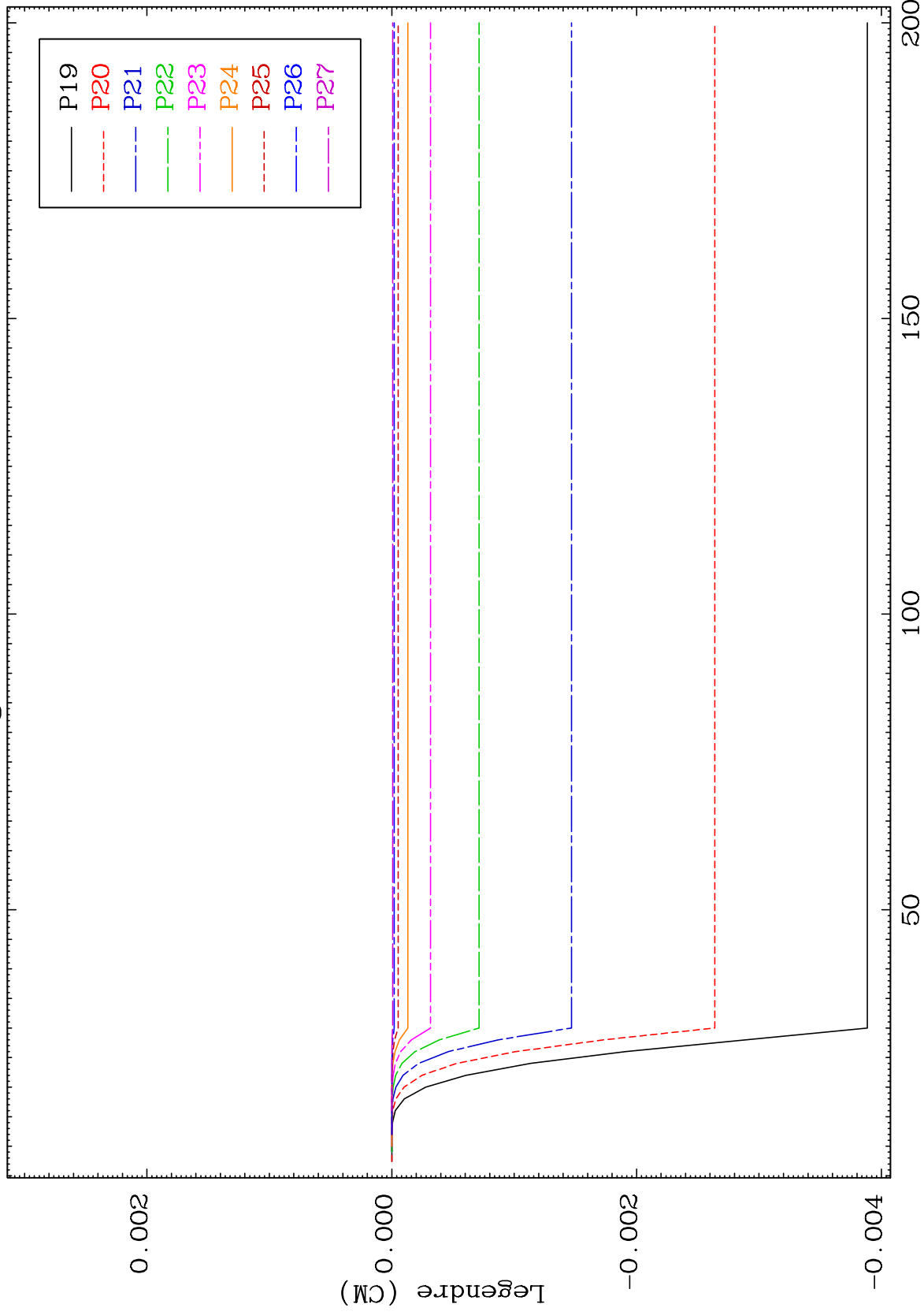
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



90

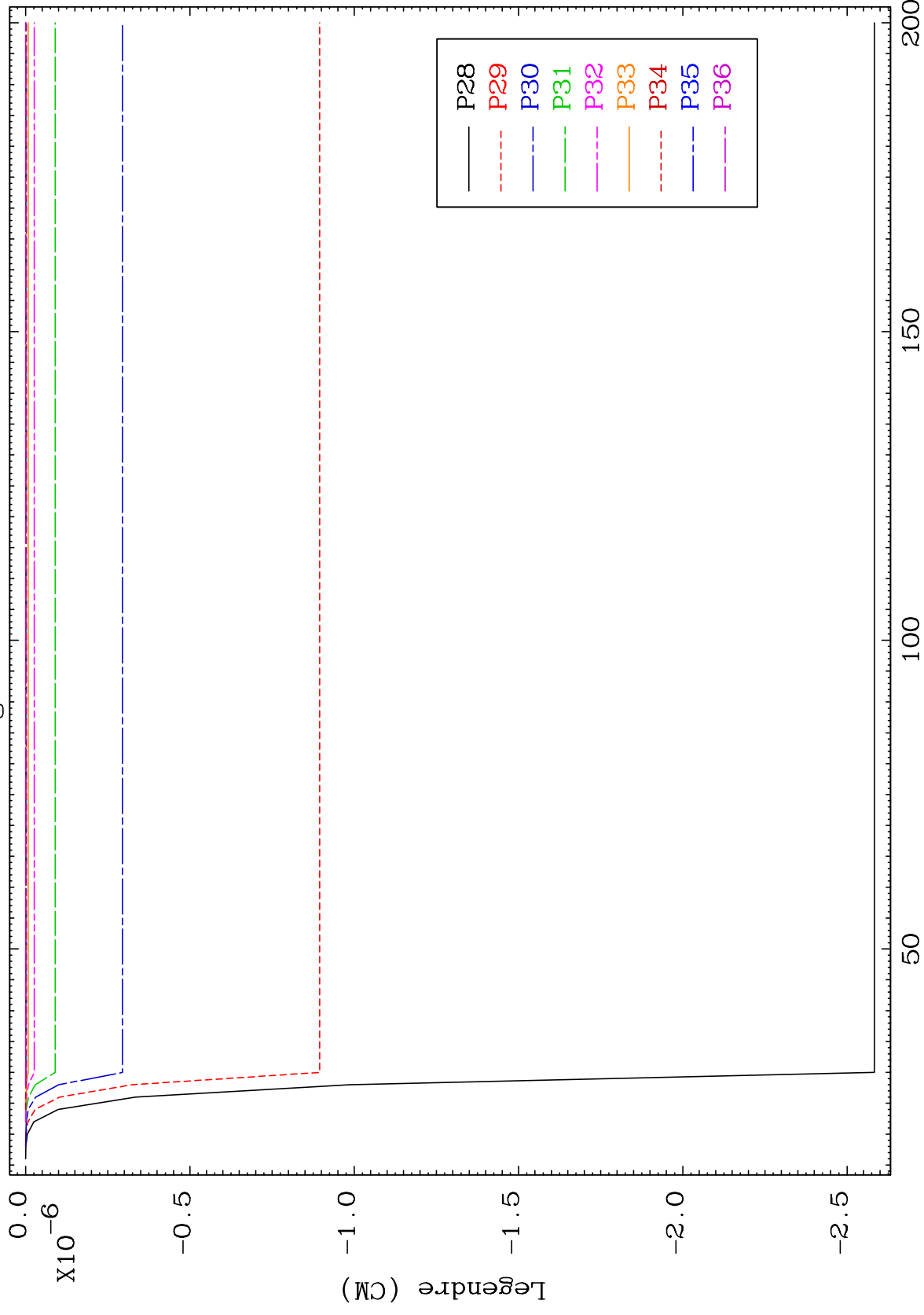
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

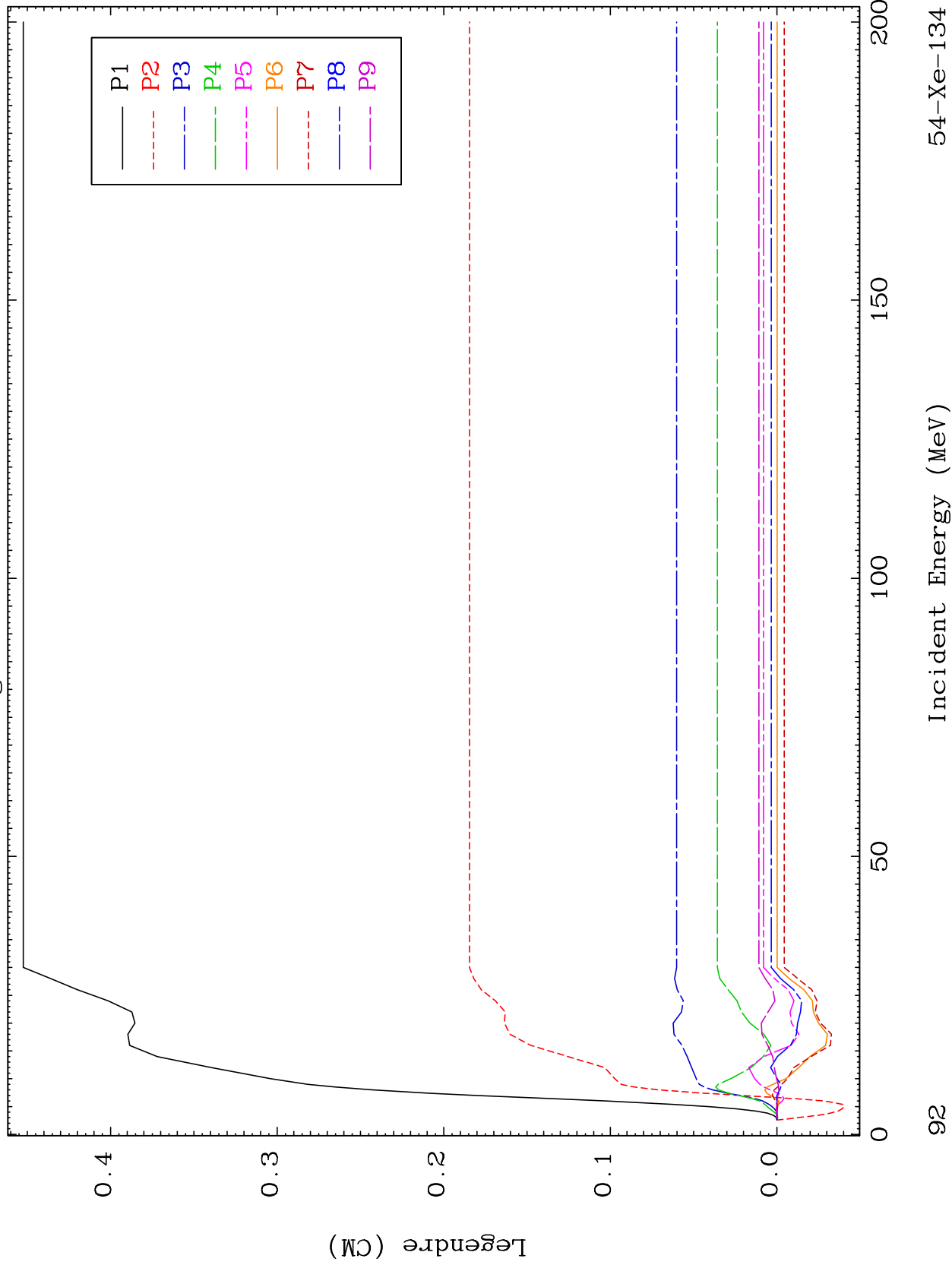
54-Xe-134



MAT 5455

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

54-Xe-134



54-Xe-134

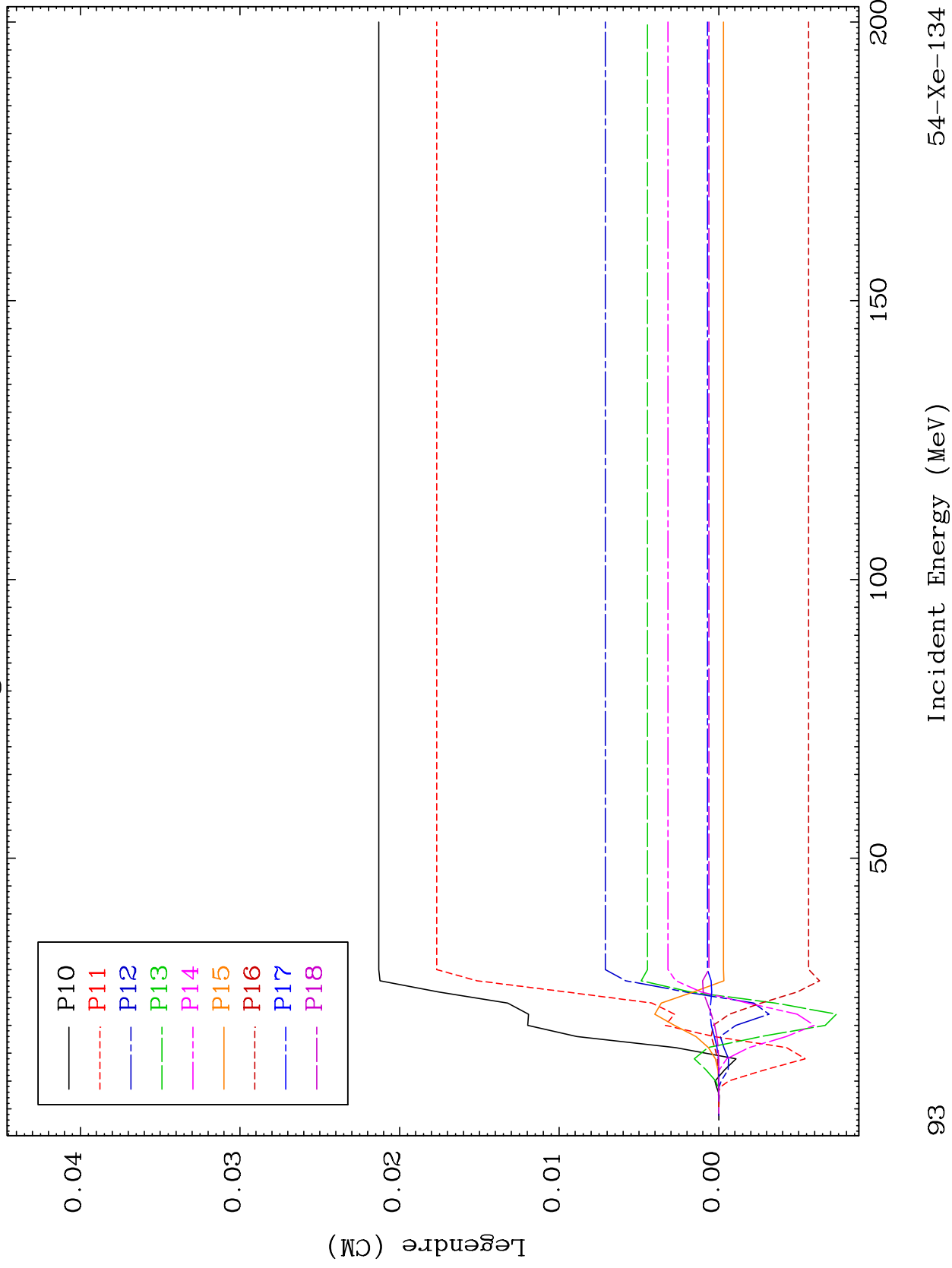
Incident Energy (MeV)

92

MAT 5455

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

54-Xe-134



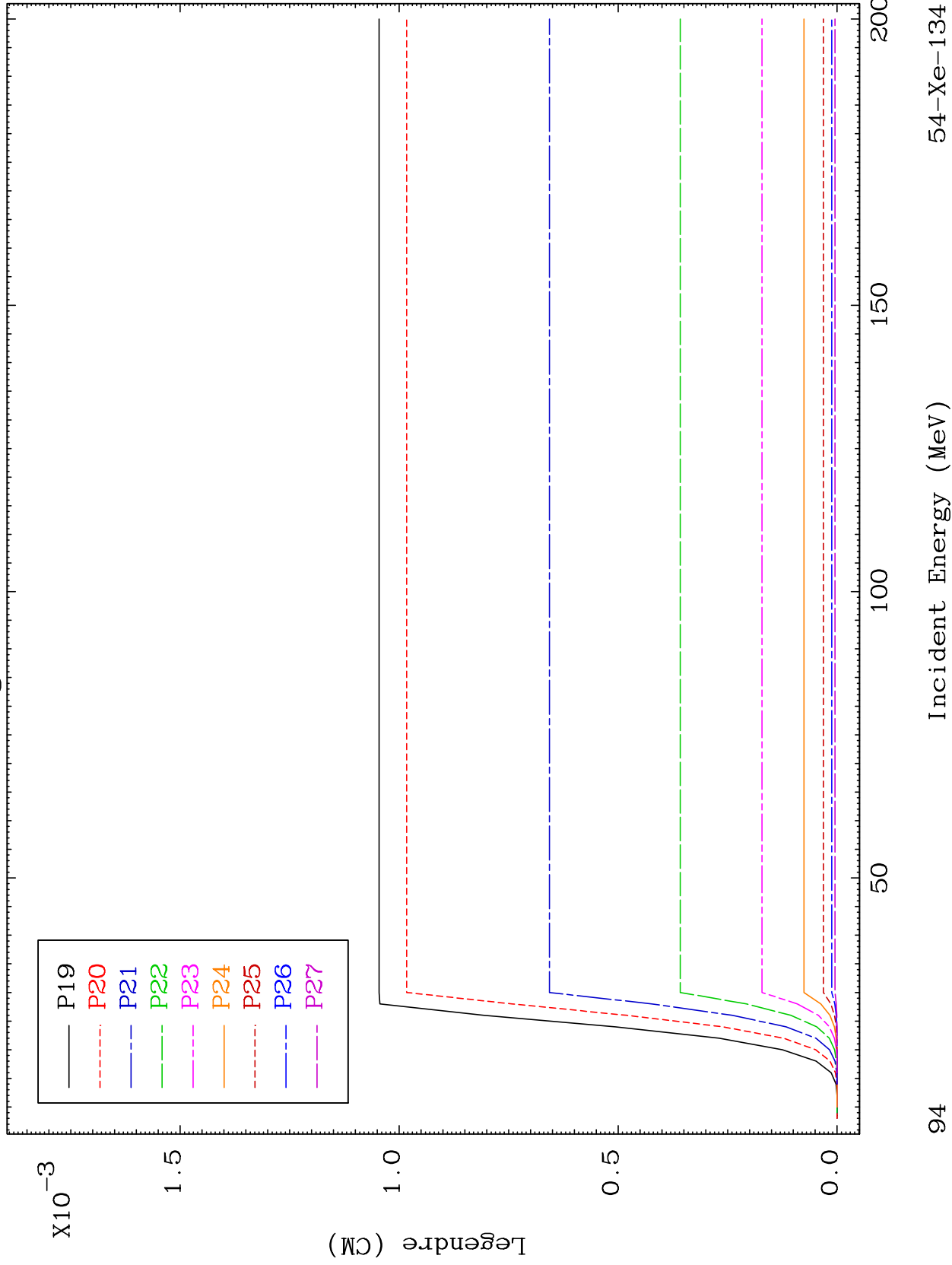
93

54-Xe-134

MAT 5455

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

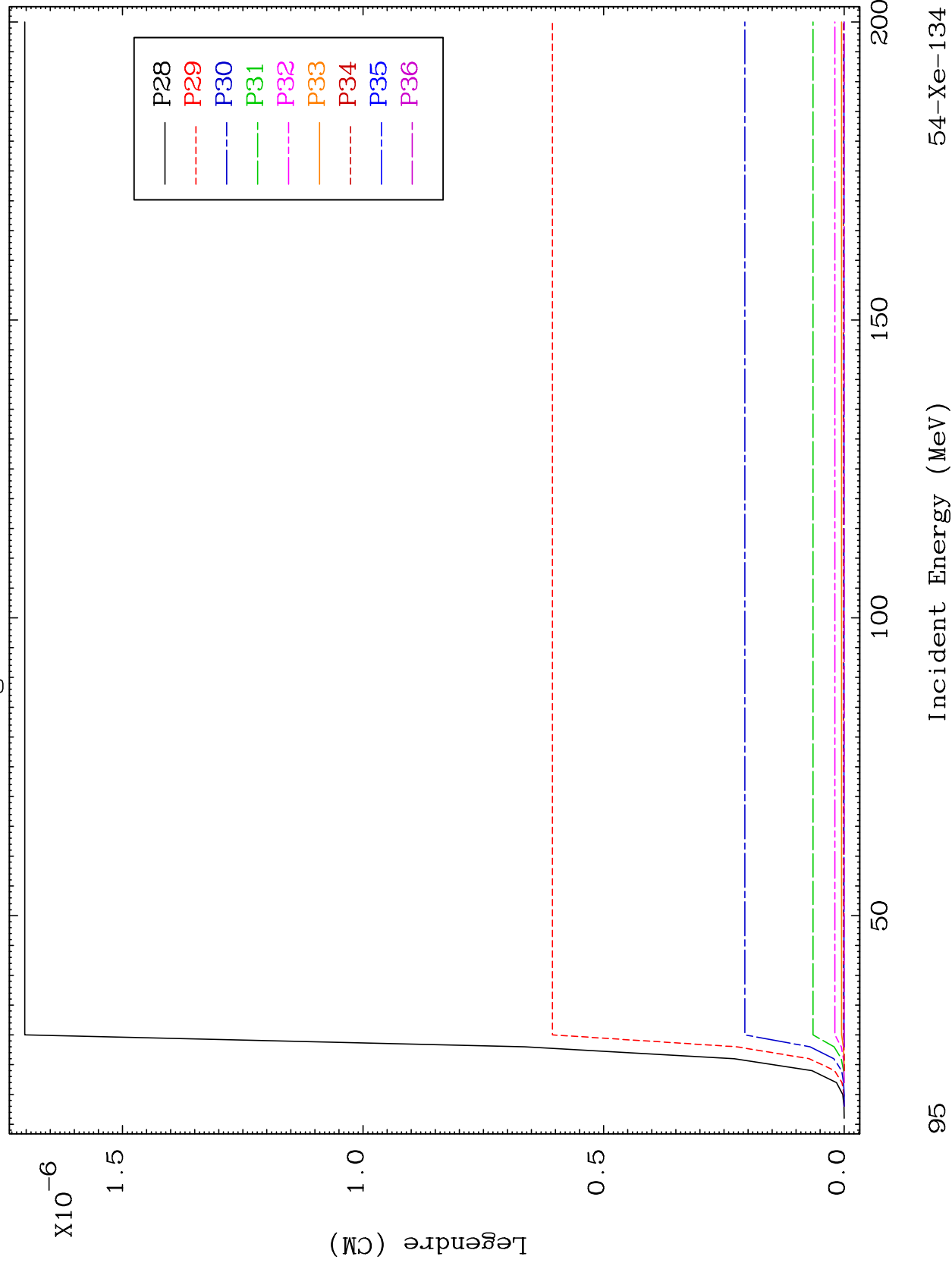
54-Xe-134



MAT 5455

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

54-Xe-134

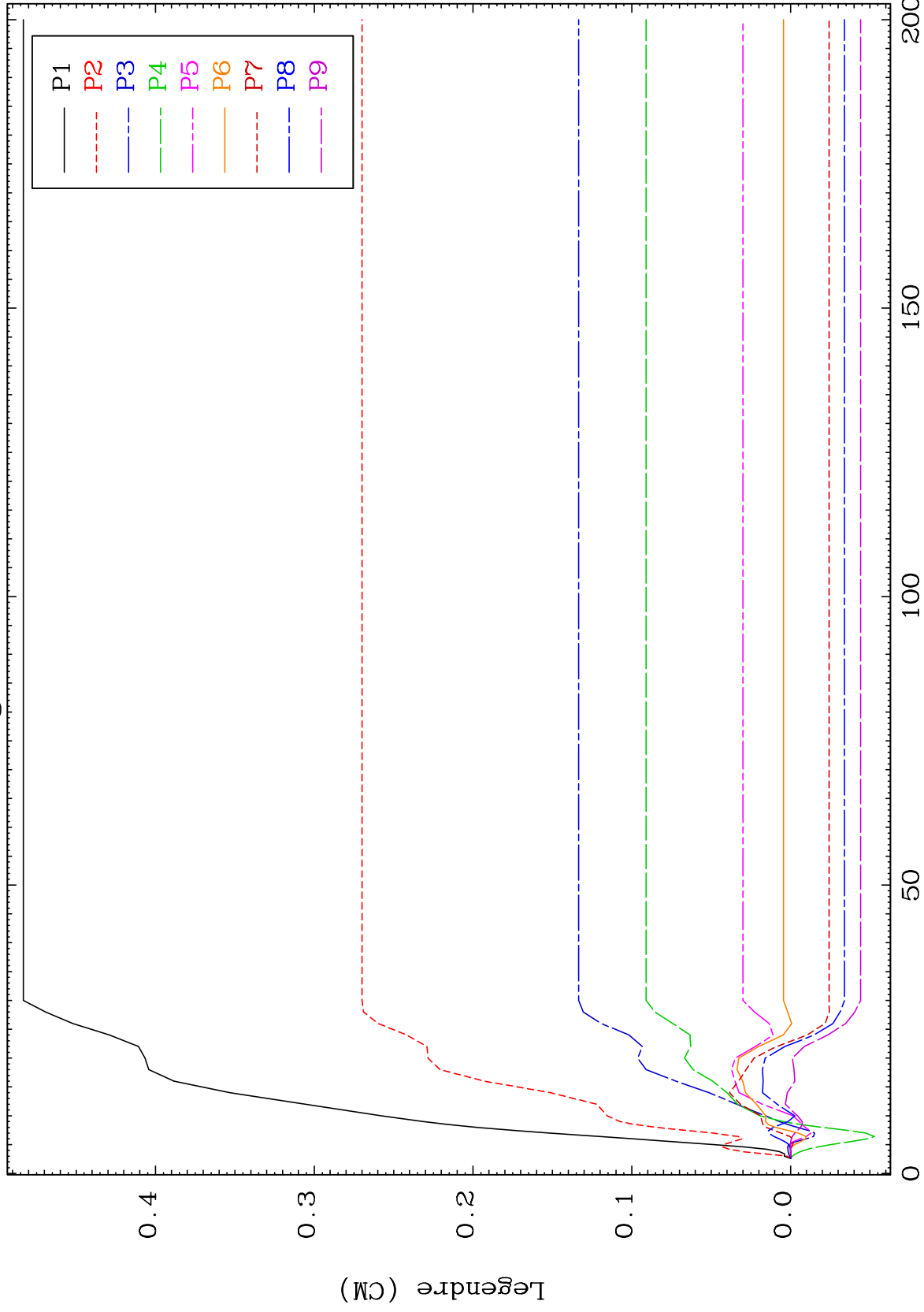




MAT 5455

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

54-Xe-134



54-Xe-134

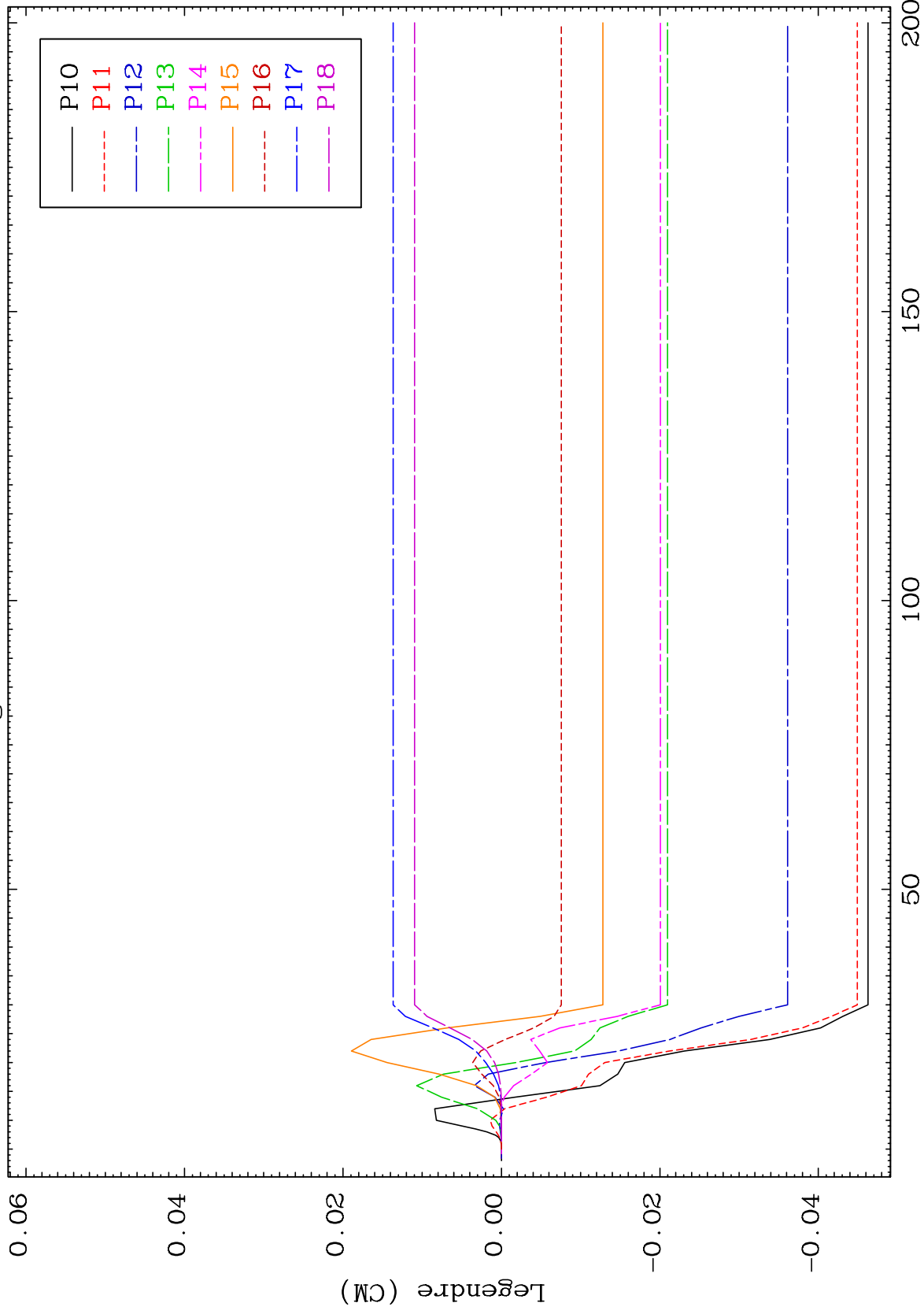
Incident Energy (MeV)

96

MAT 5455

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

54-Xe-134



97

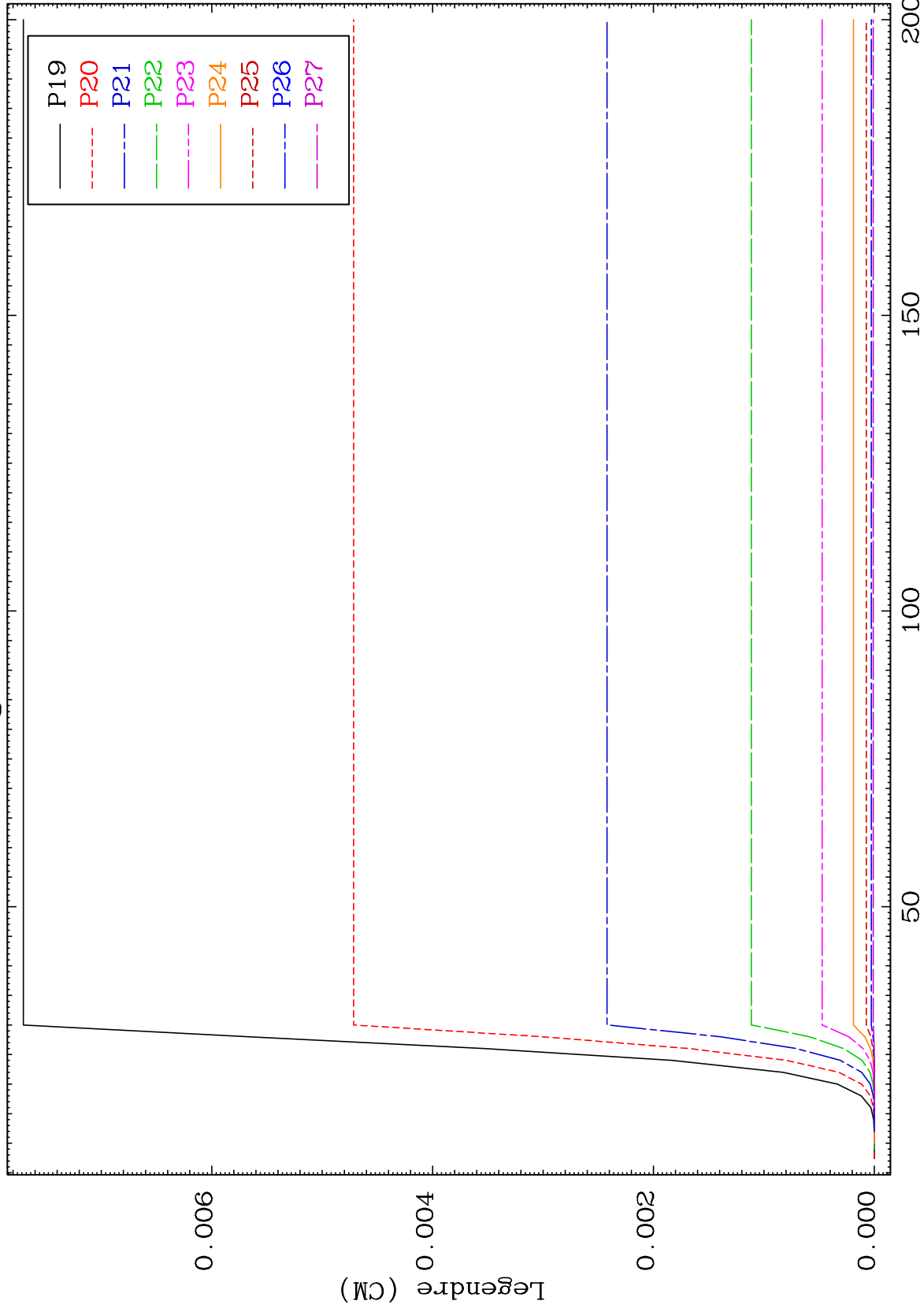
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



98

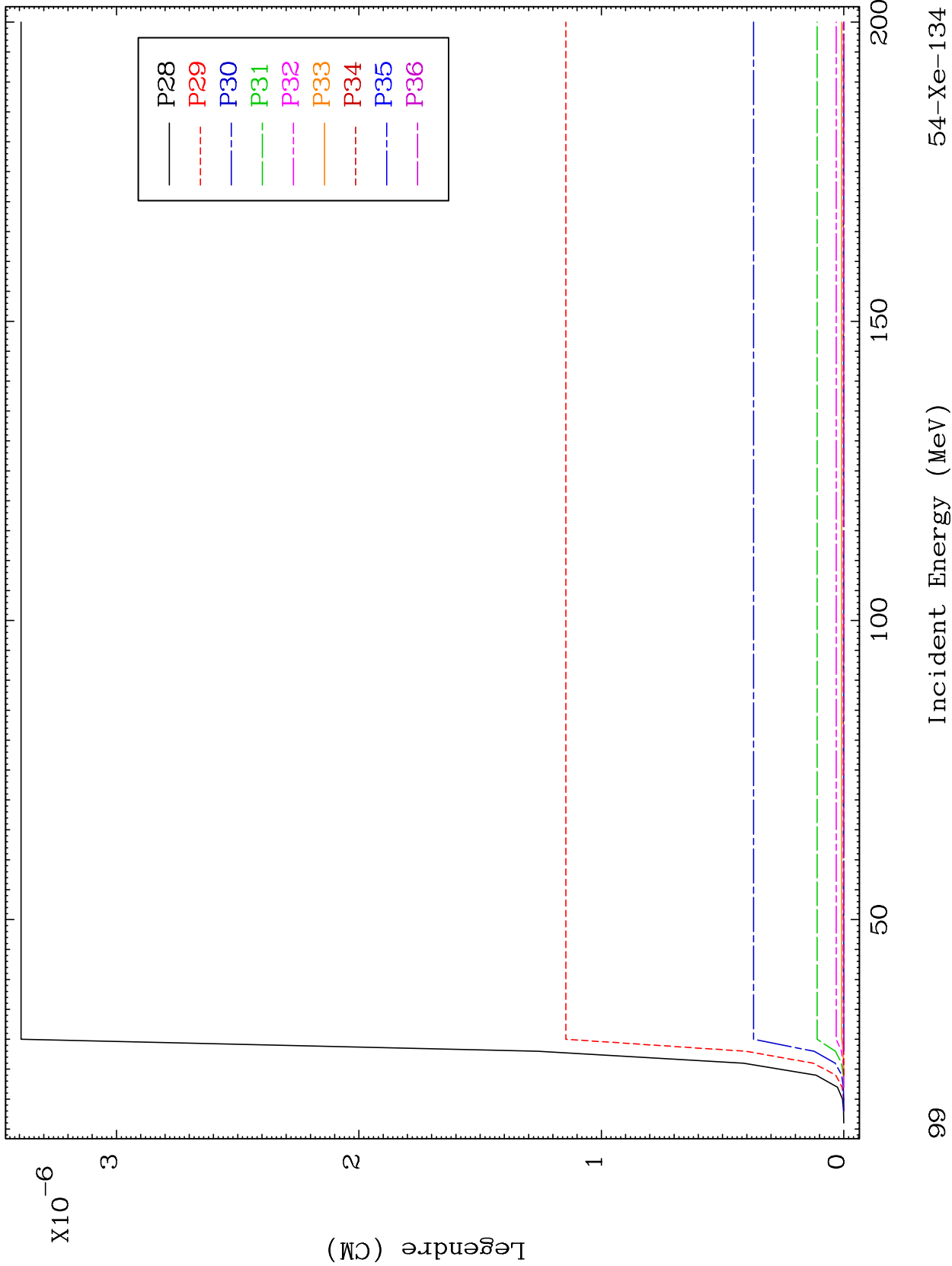
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

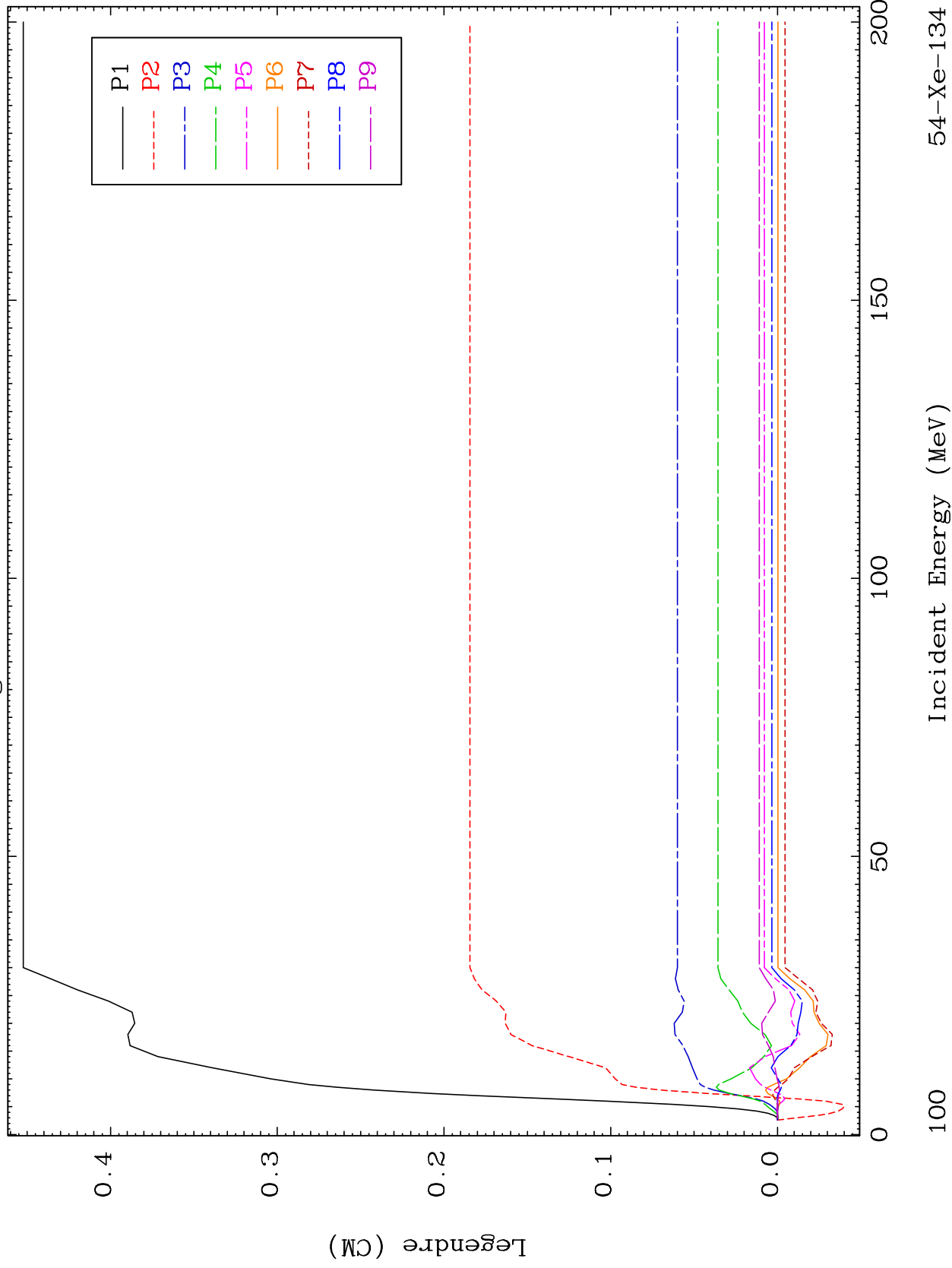
54-Xe-134



MAT 5455

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

54-Xe-134

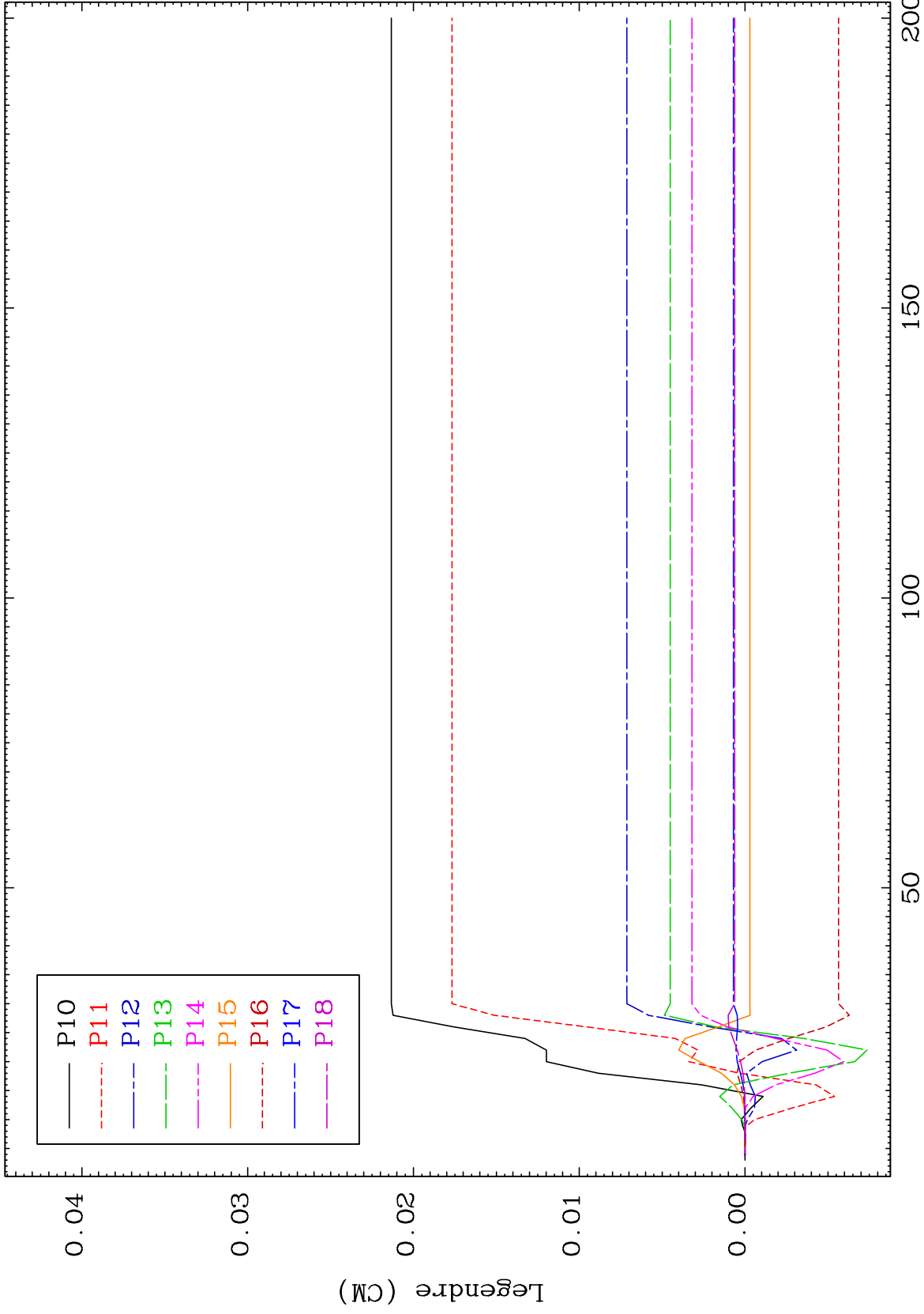


54-Xe-134

MAT 5455

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

54-Xe-134



101

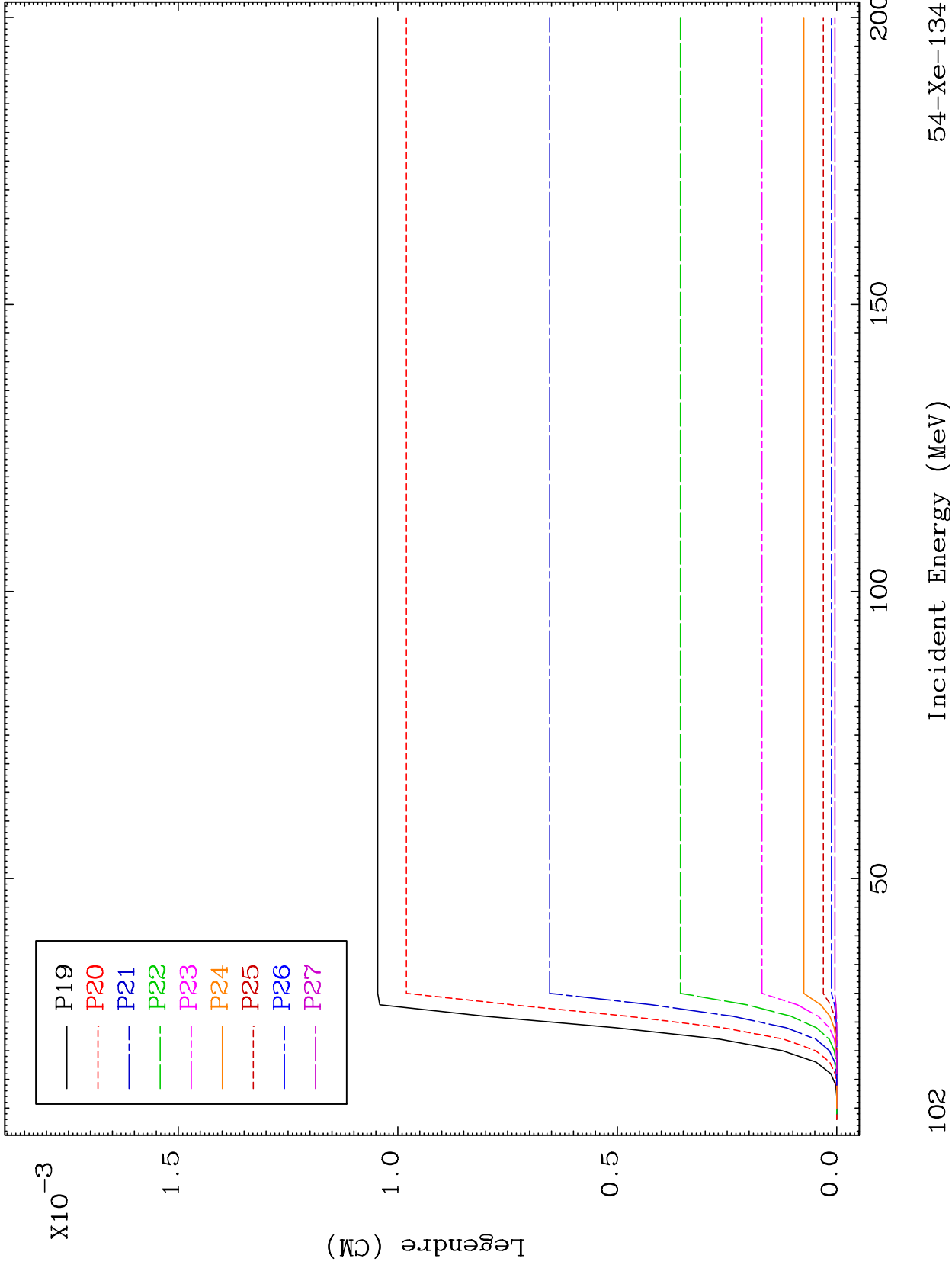
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134

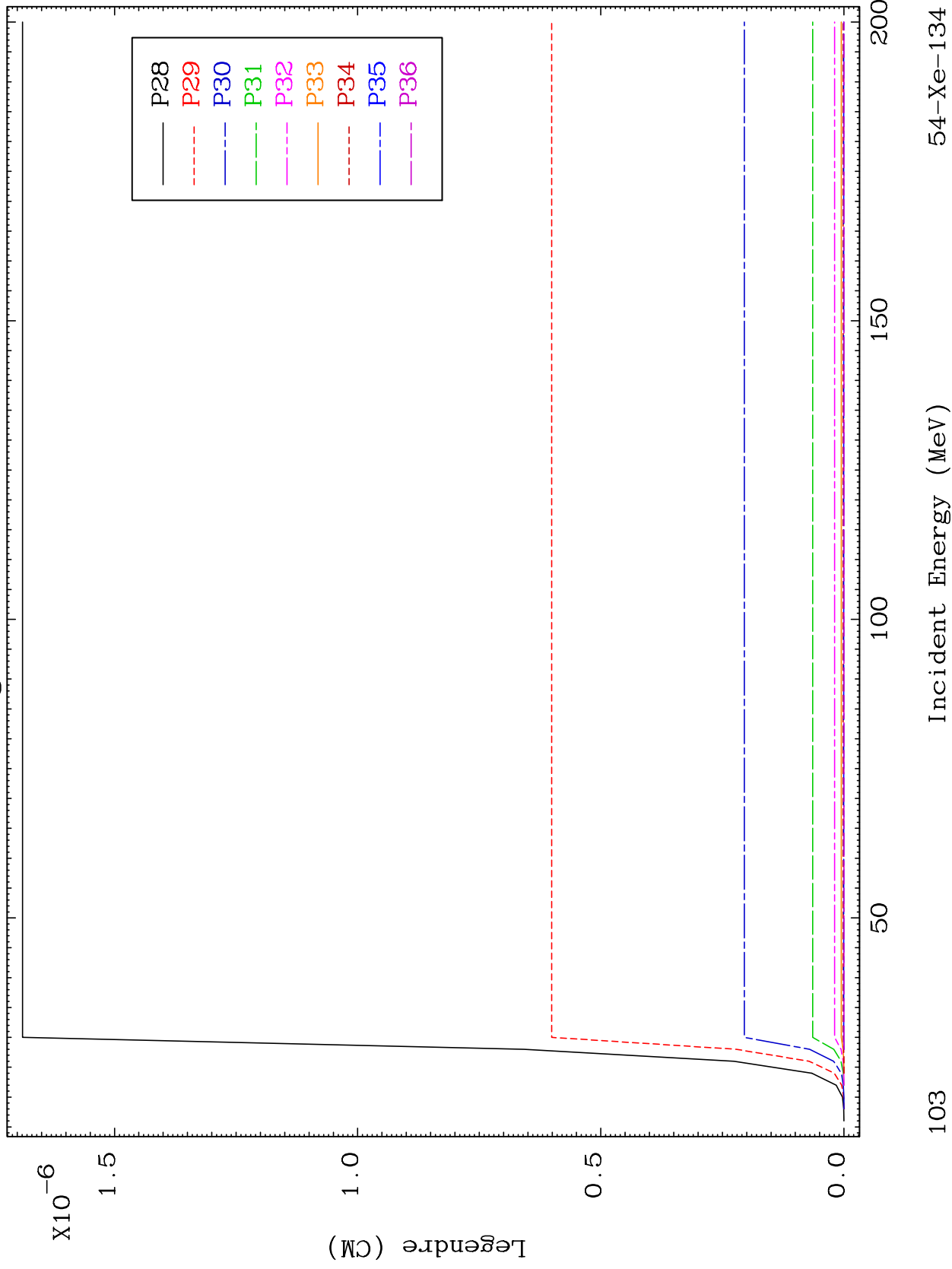


102

MAT 5455

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

54-Xe-134



103

Incident Energy (MeV)

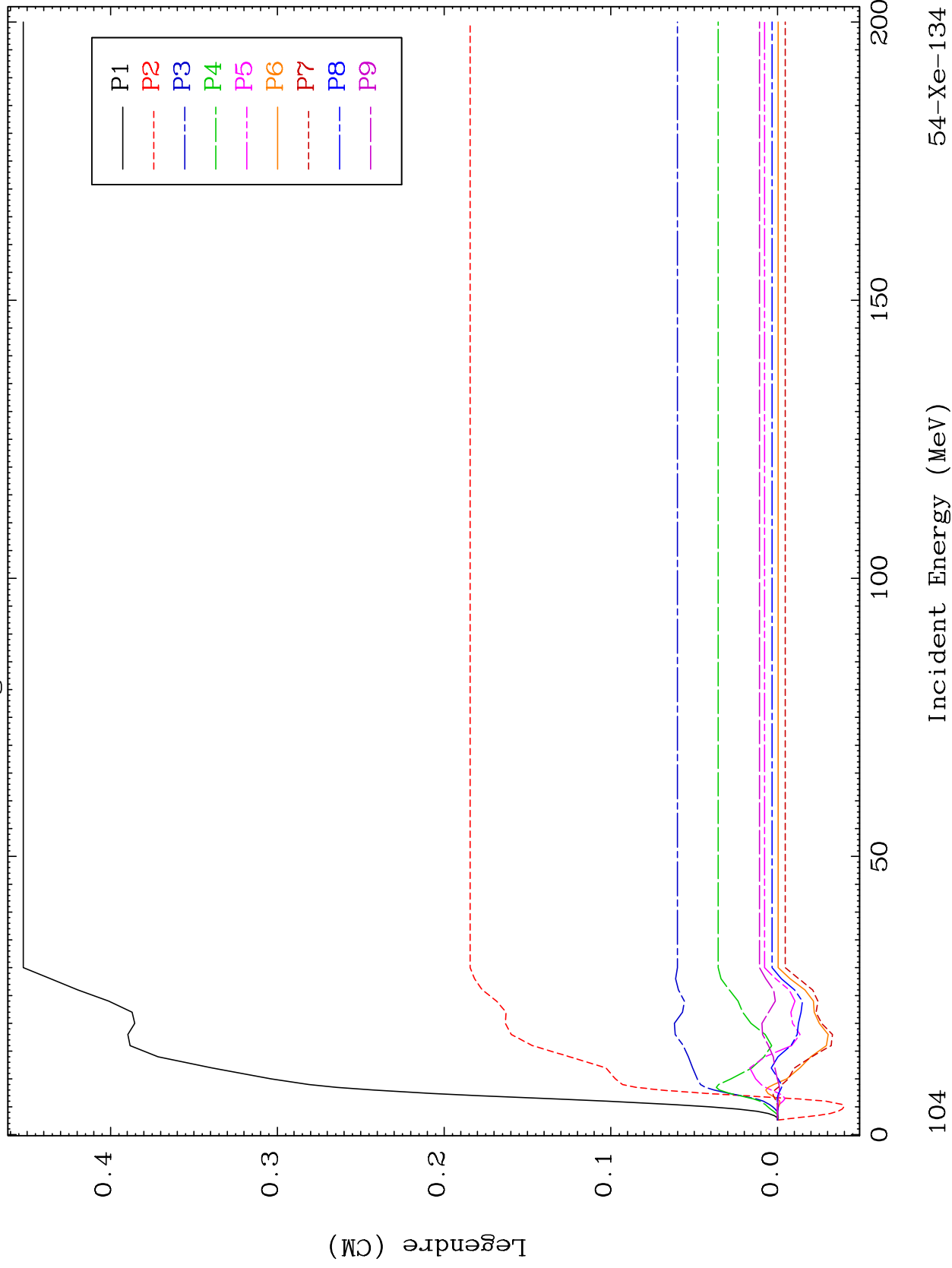
54-Xe-134



MAT 5455

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

54-Xe-134



54-Xe-134

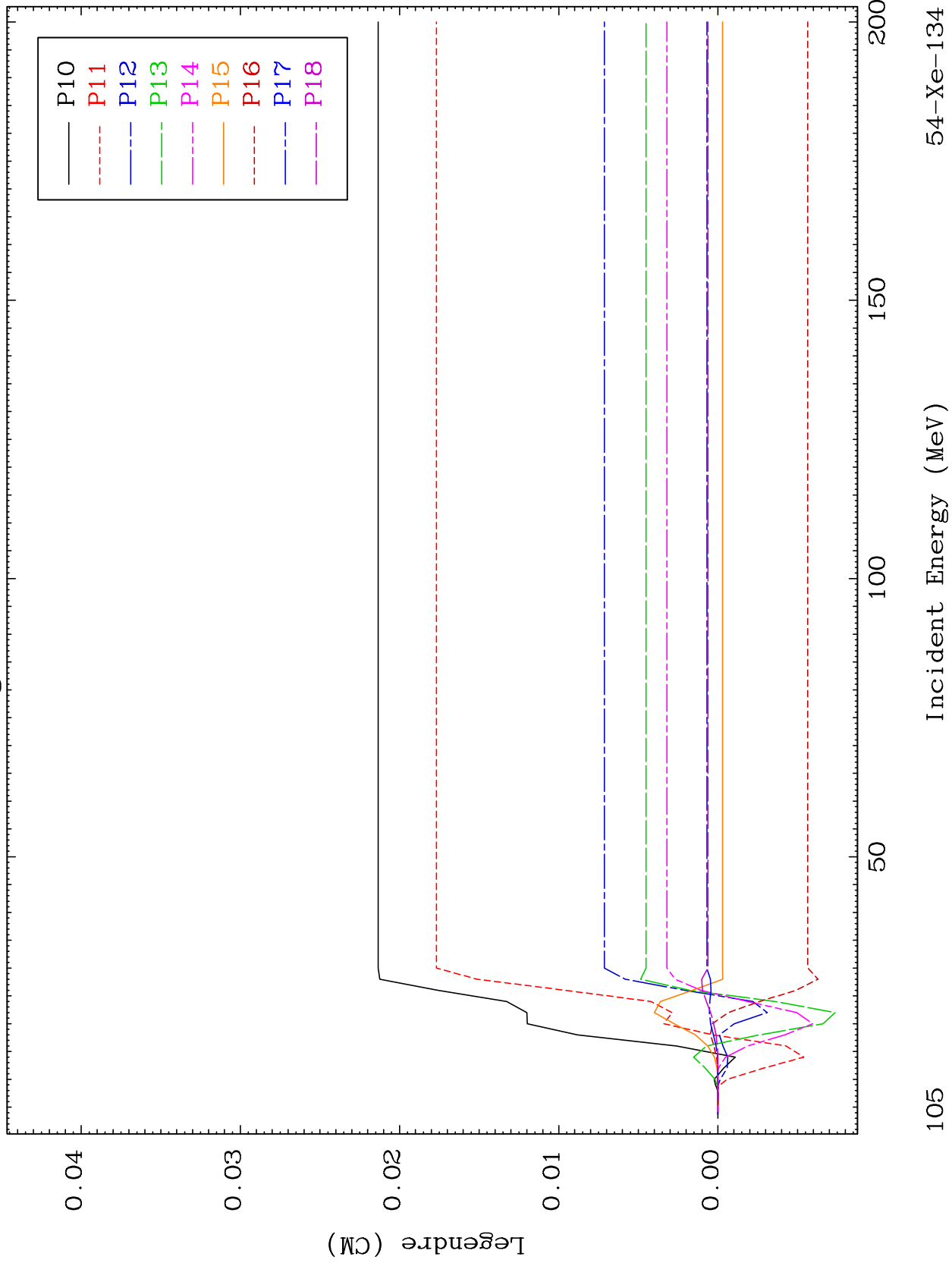
Incident Energy (MeV)

104

MAT 5455

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

54-Xe-134



54-Xe-134

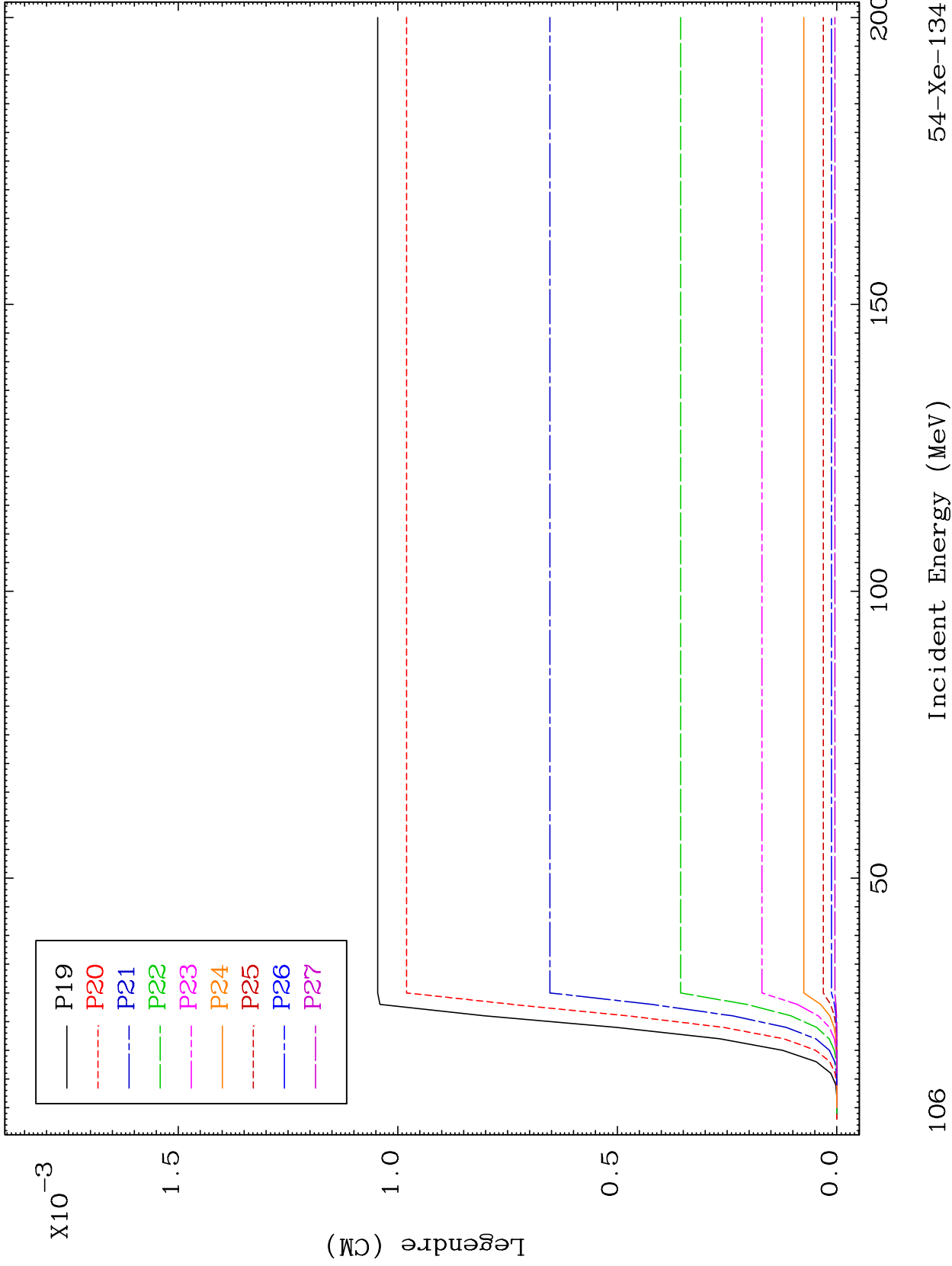
Incident Energy (MeV)

105

MAT 5455

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

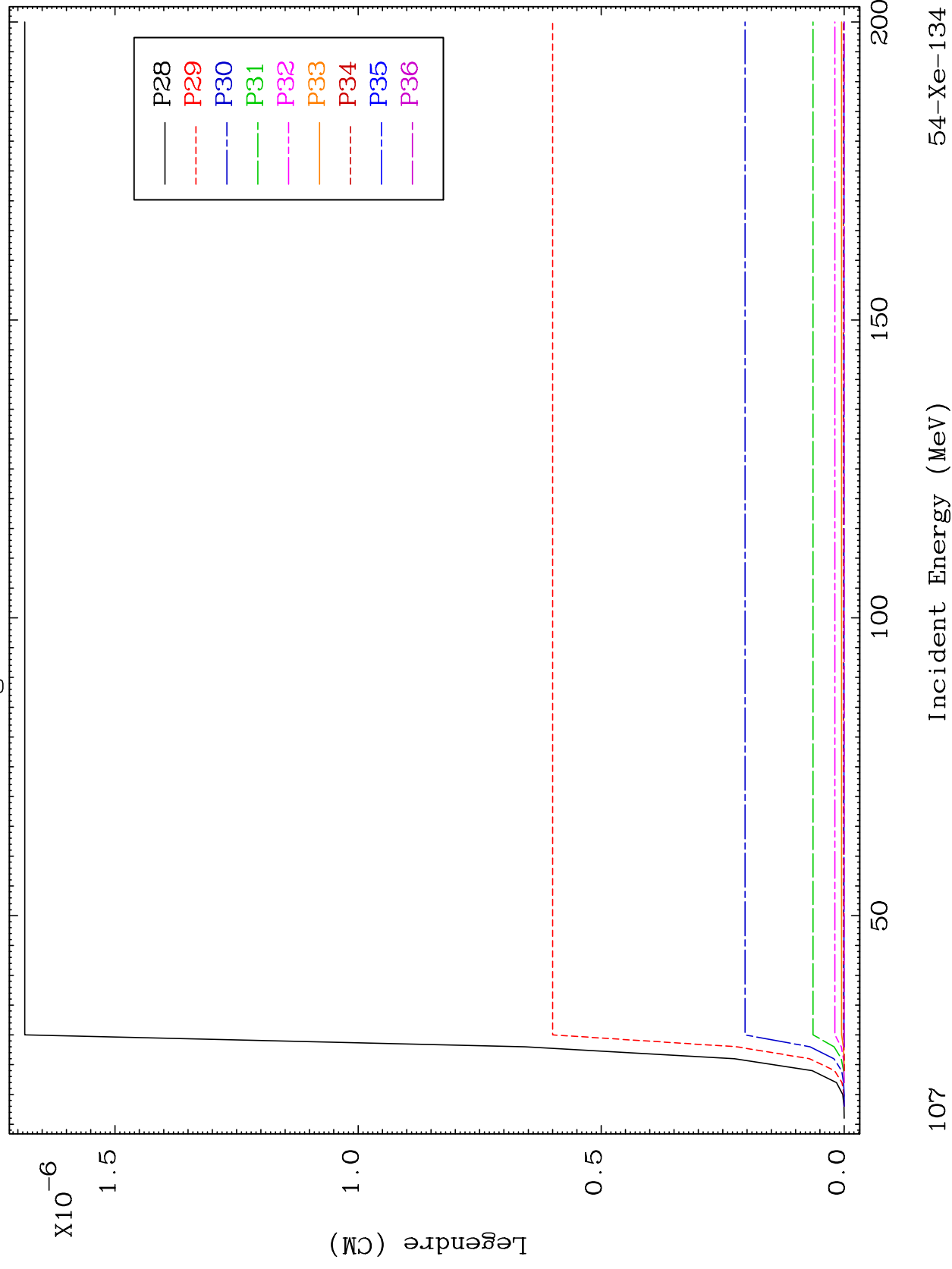
54-Xe-134



MAT 5455

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

54-Xe-134

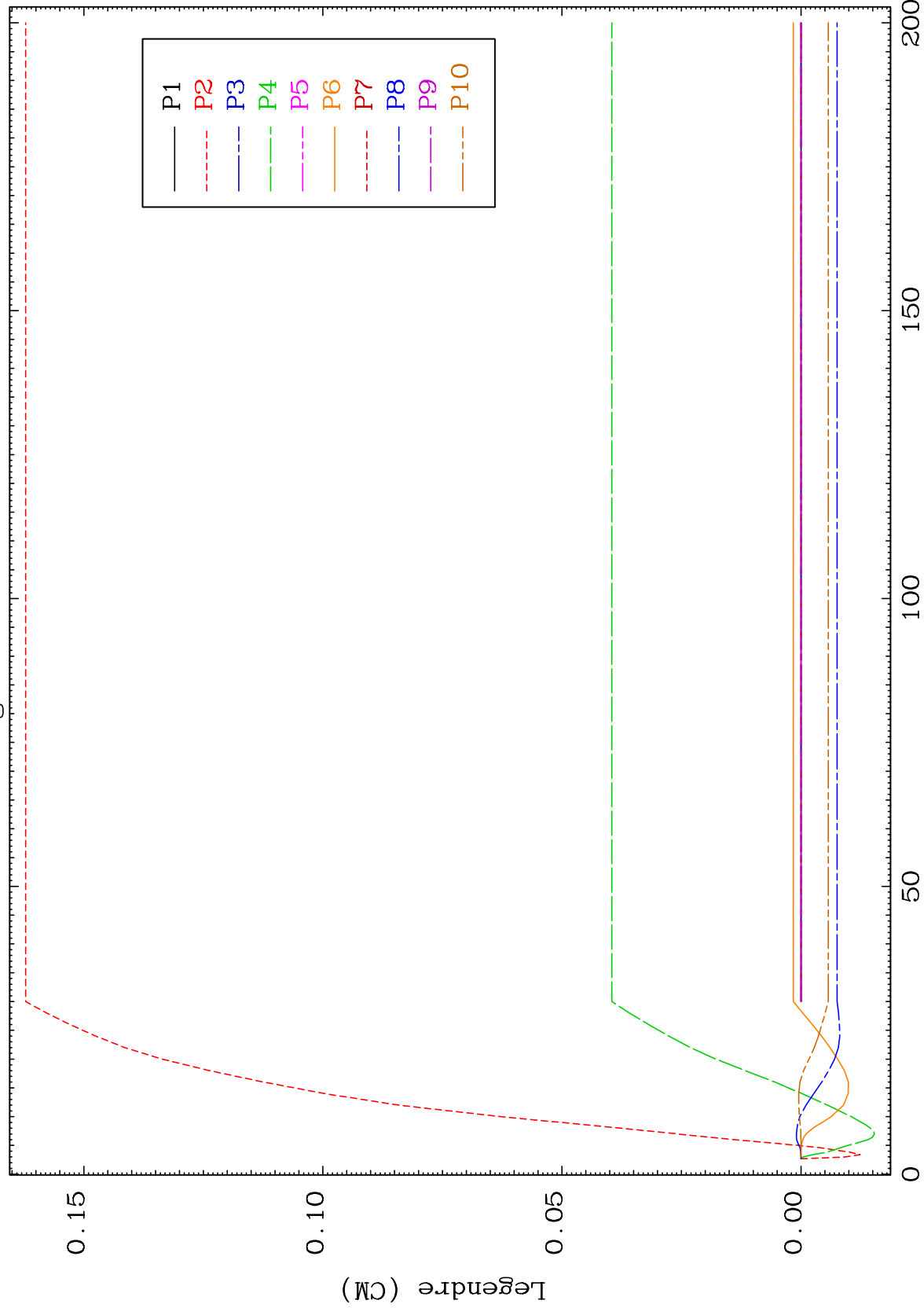


107

MAT 5455

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

54-Xe-134



54-Xe-134

Incident Energy (MeV)

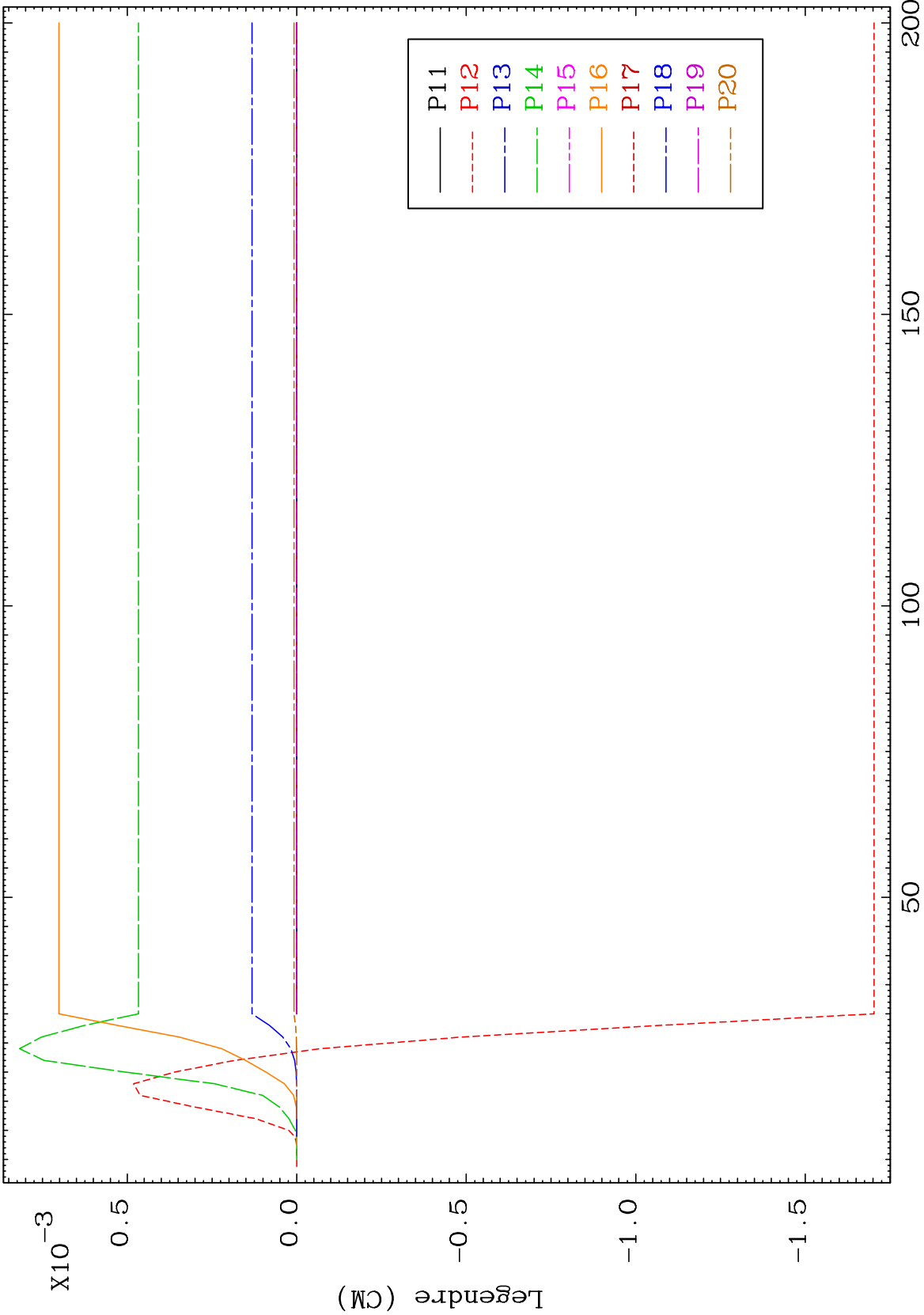
108

MAT 5455

MT= 75 (n,n') Level

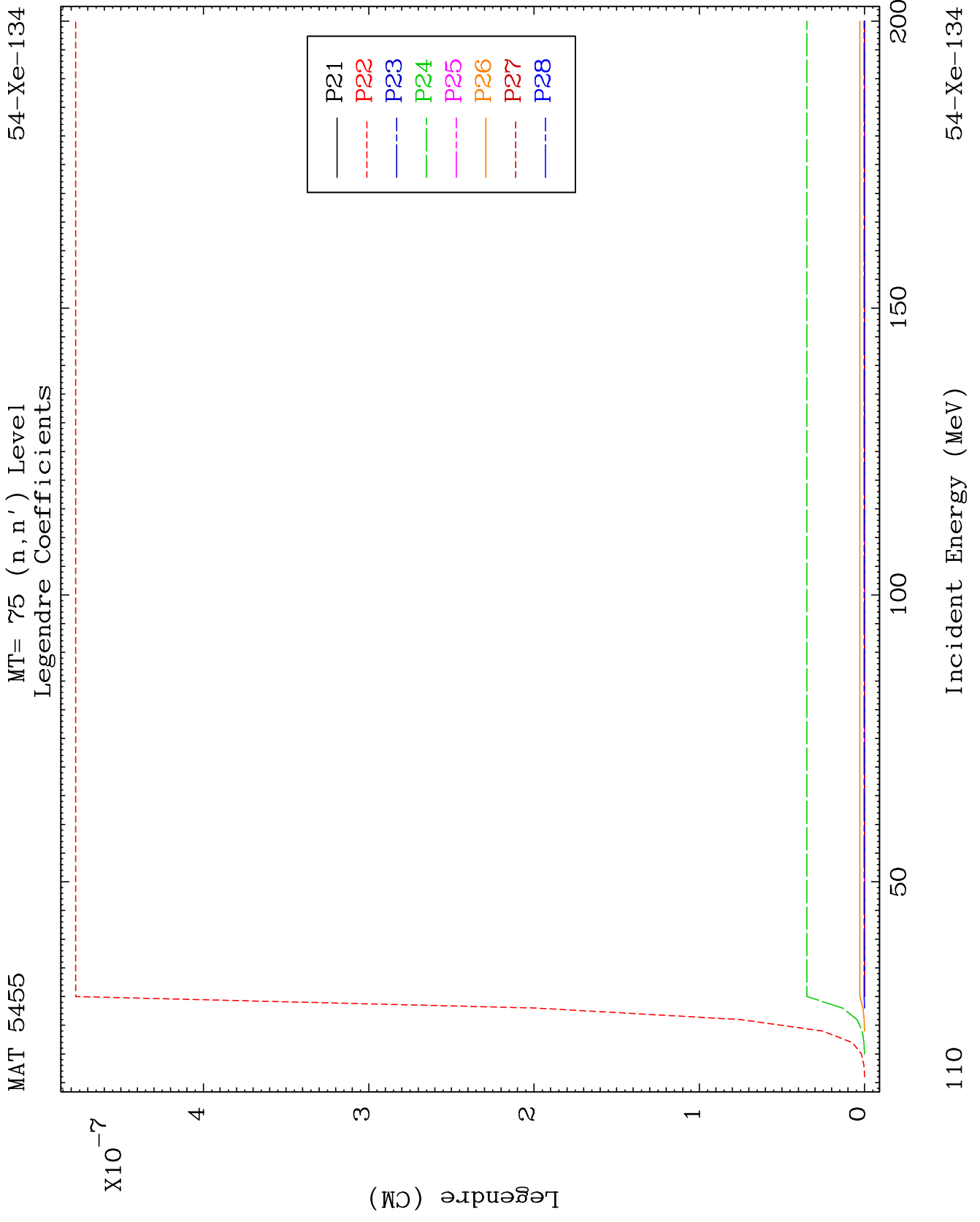
54-Xe-134

Legendre Coefficients



109

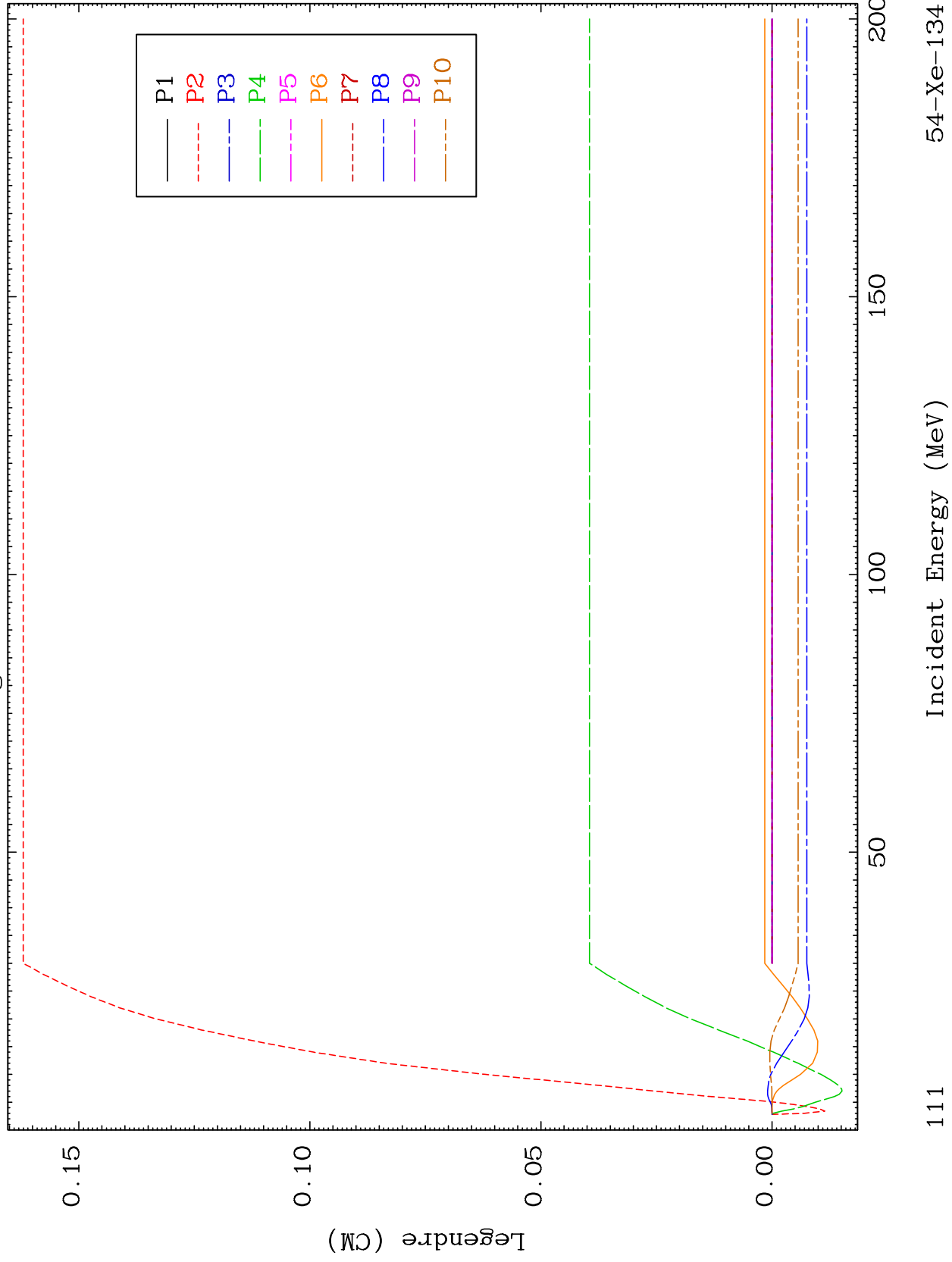
54-Xe-134



MAT 5455

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

54-Xe-134



111

Incident Energy (MeV)

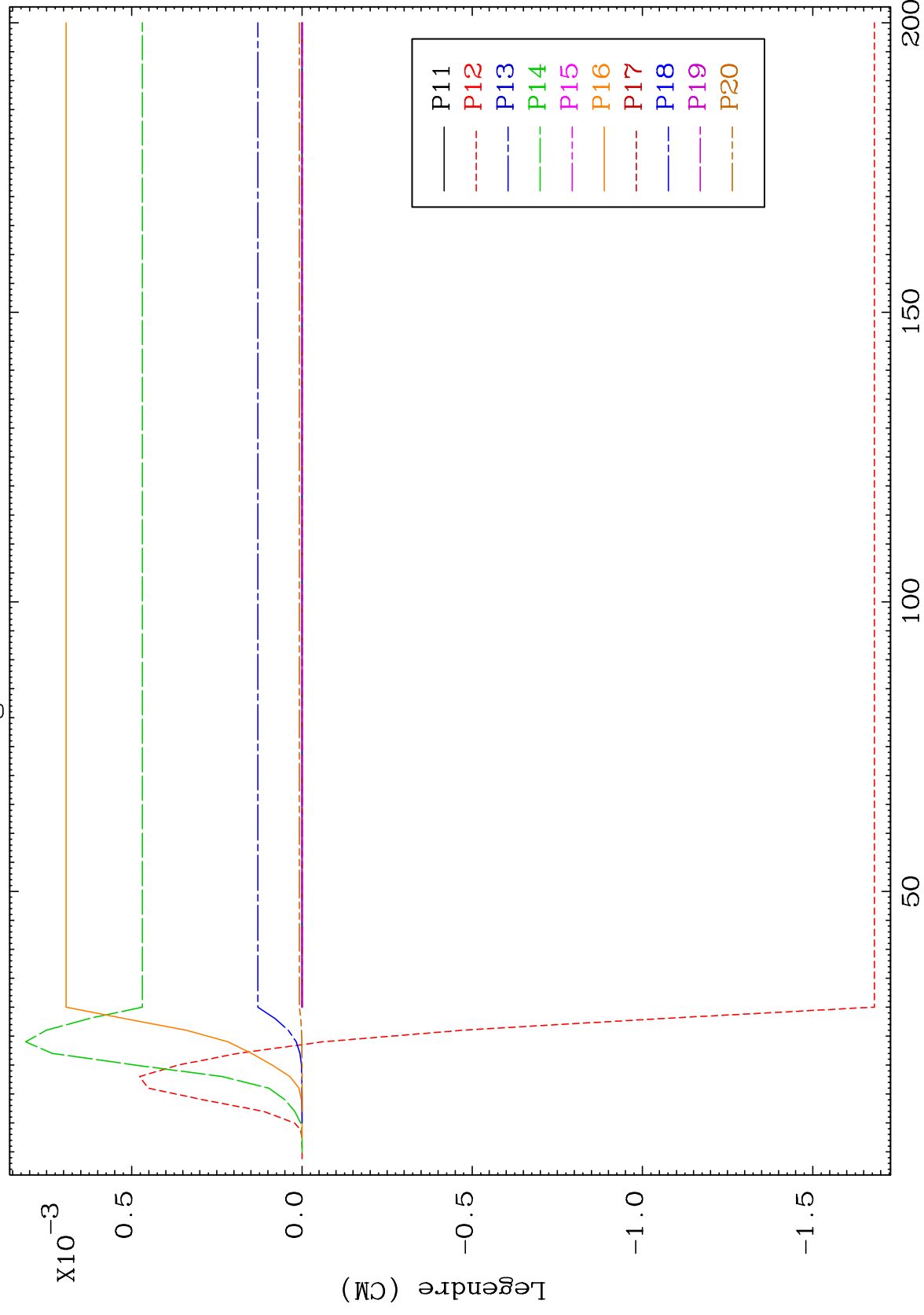
54-Xe-134



MAT 5455

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

54-Xe-134



112

Incident Energy (MeV)

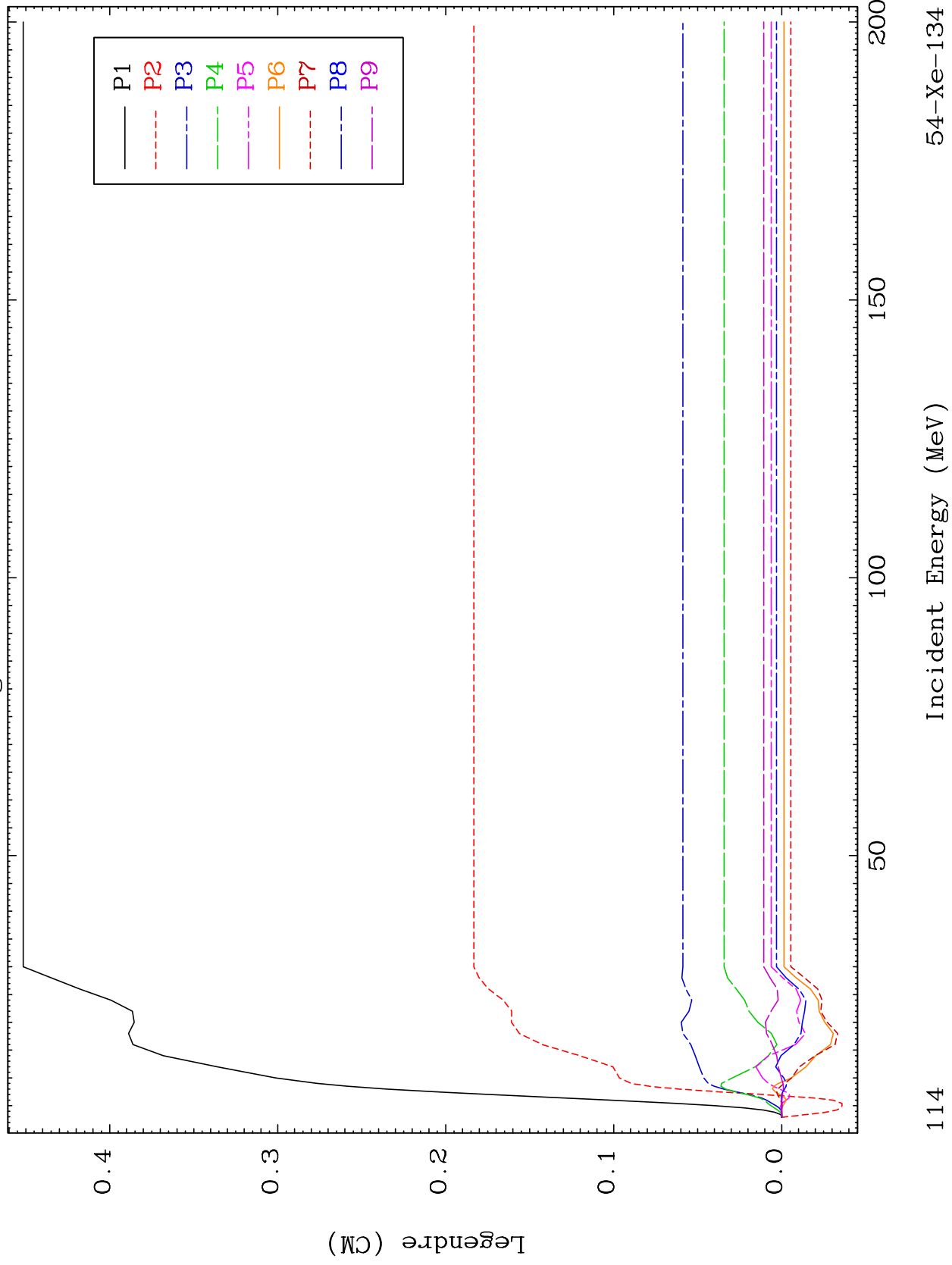
54-Xe-134



MAT 5455

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

54-Xe-134



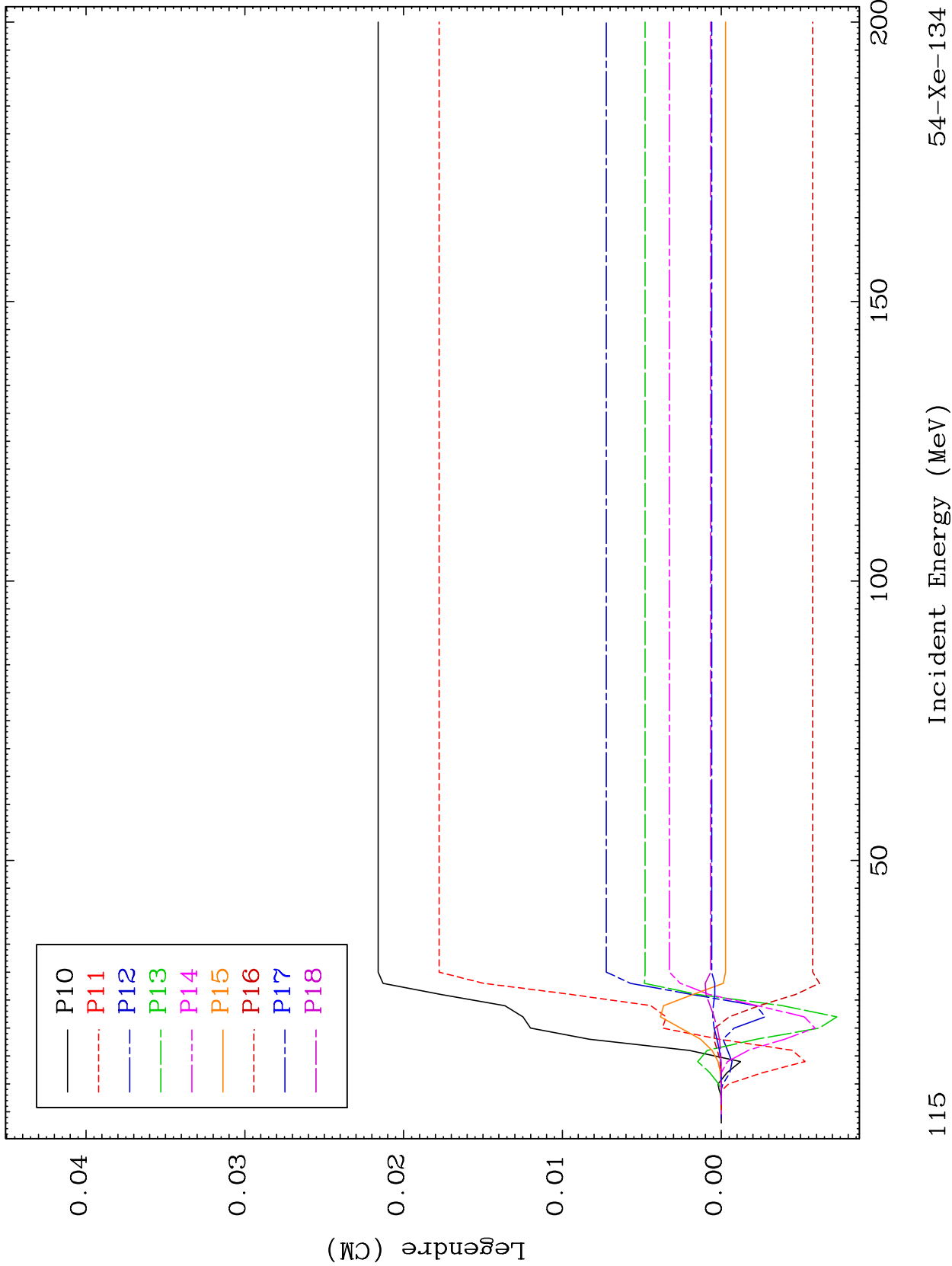
114

54-Xe-134

MAT 5455

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

54-Xe-134



115

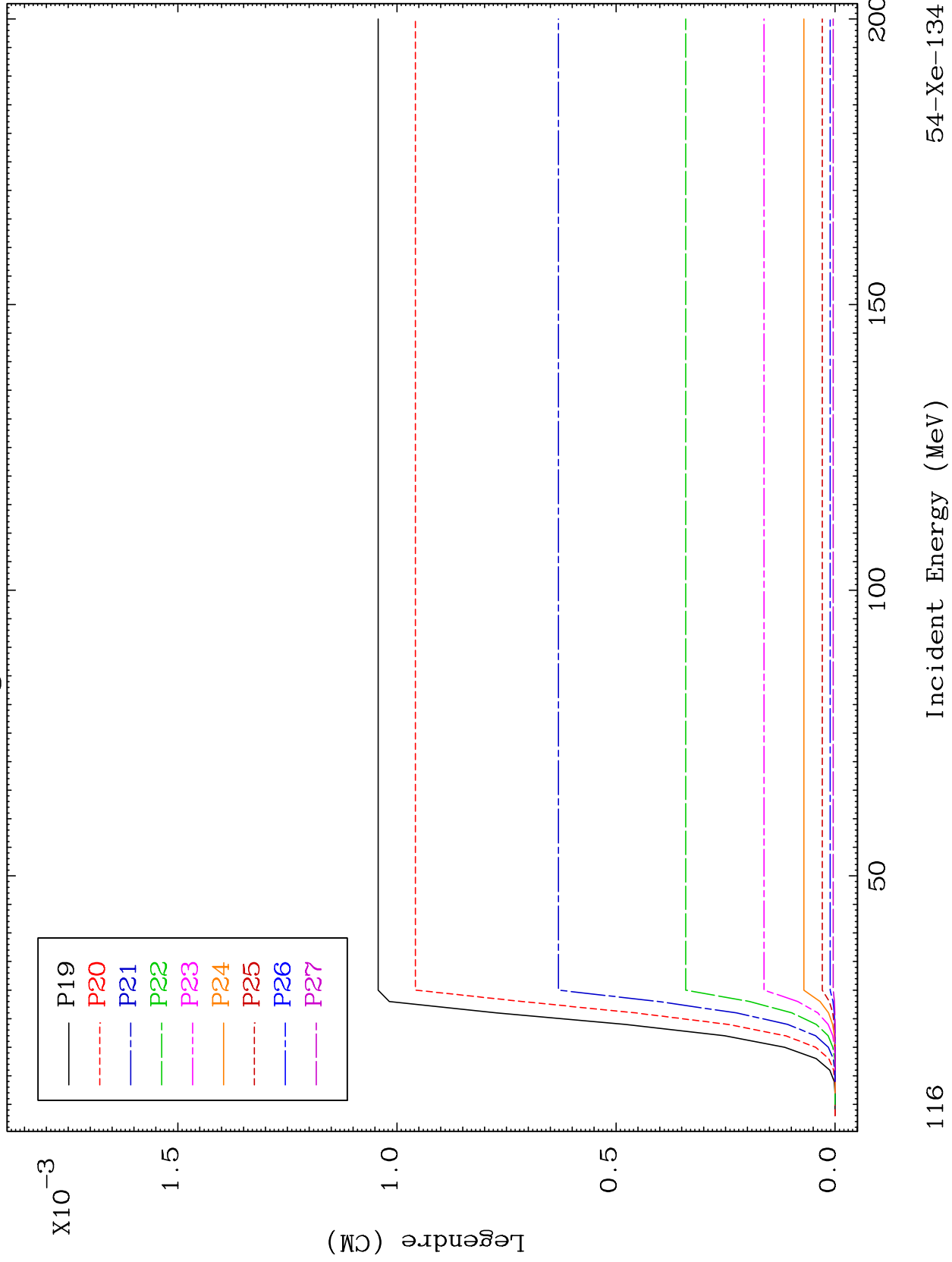
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

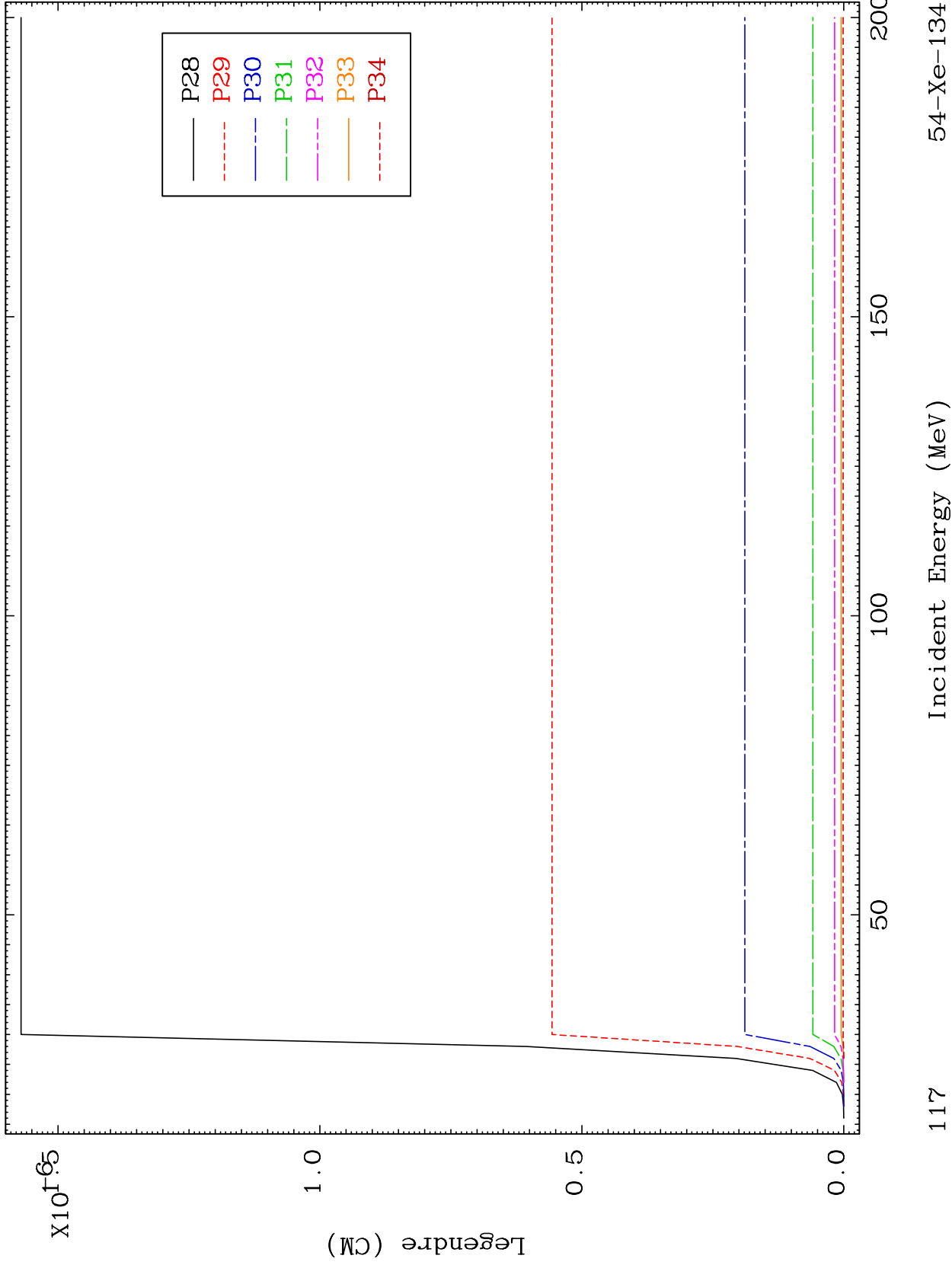
54-Xe-134



MAT 5455

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

54-Xe-134

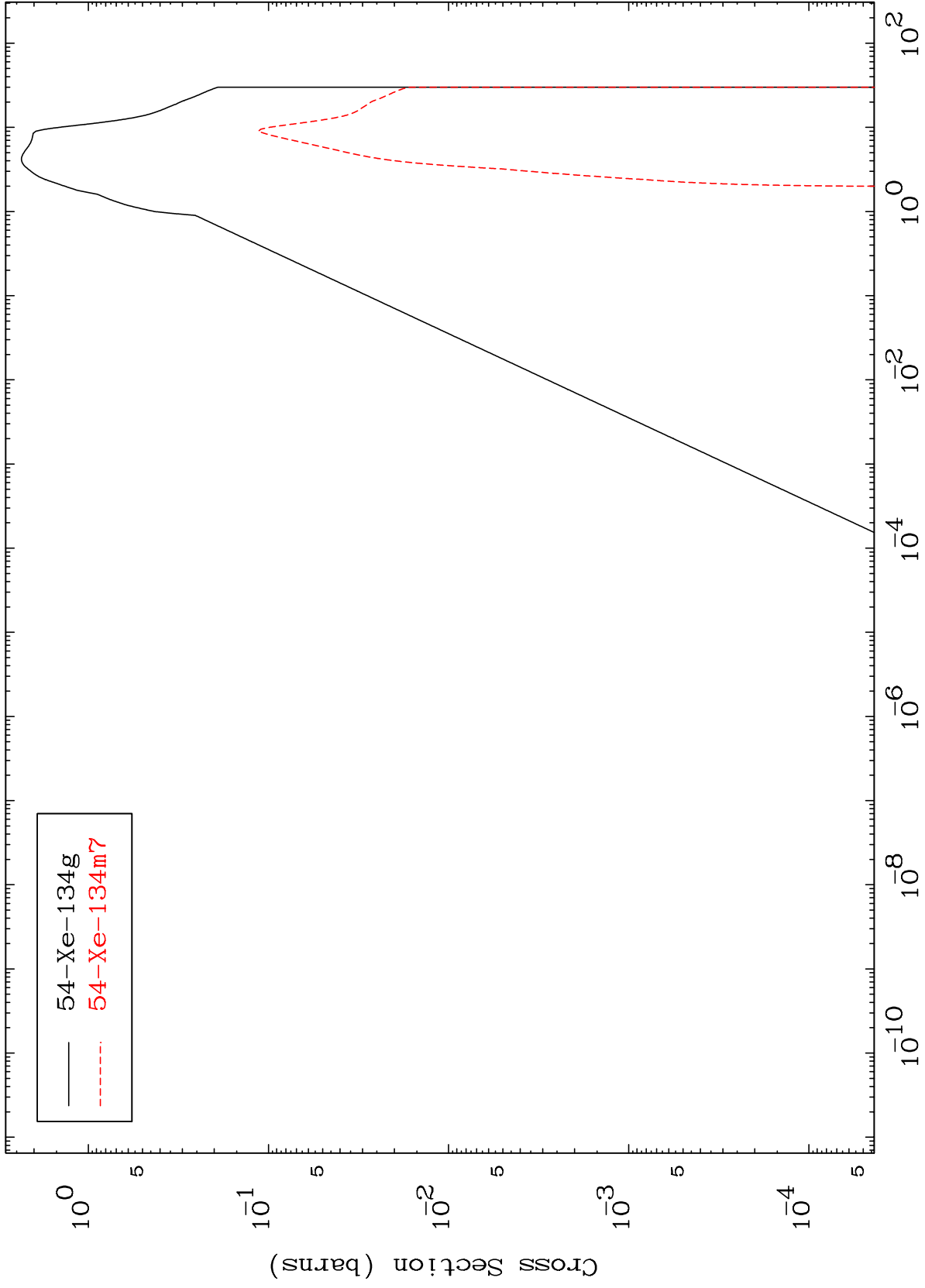


117

MAT 5455

Inelastic  
Radionuclide Production Cross Section

54-Xe-134



54-Xe-134g  
54-Xe-134m7

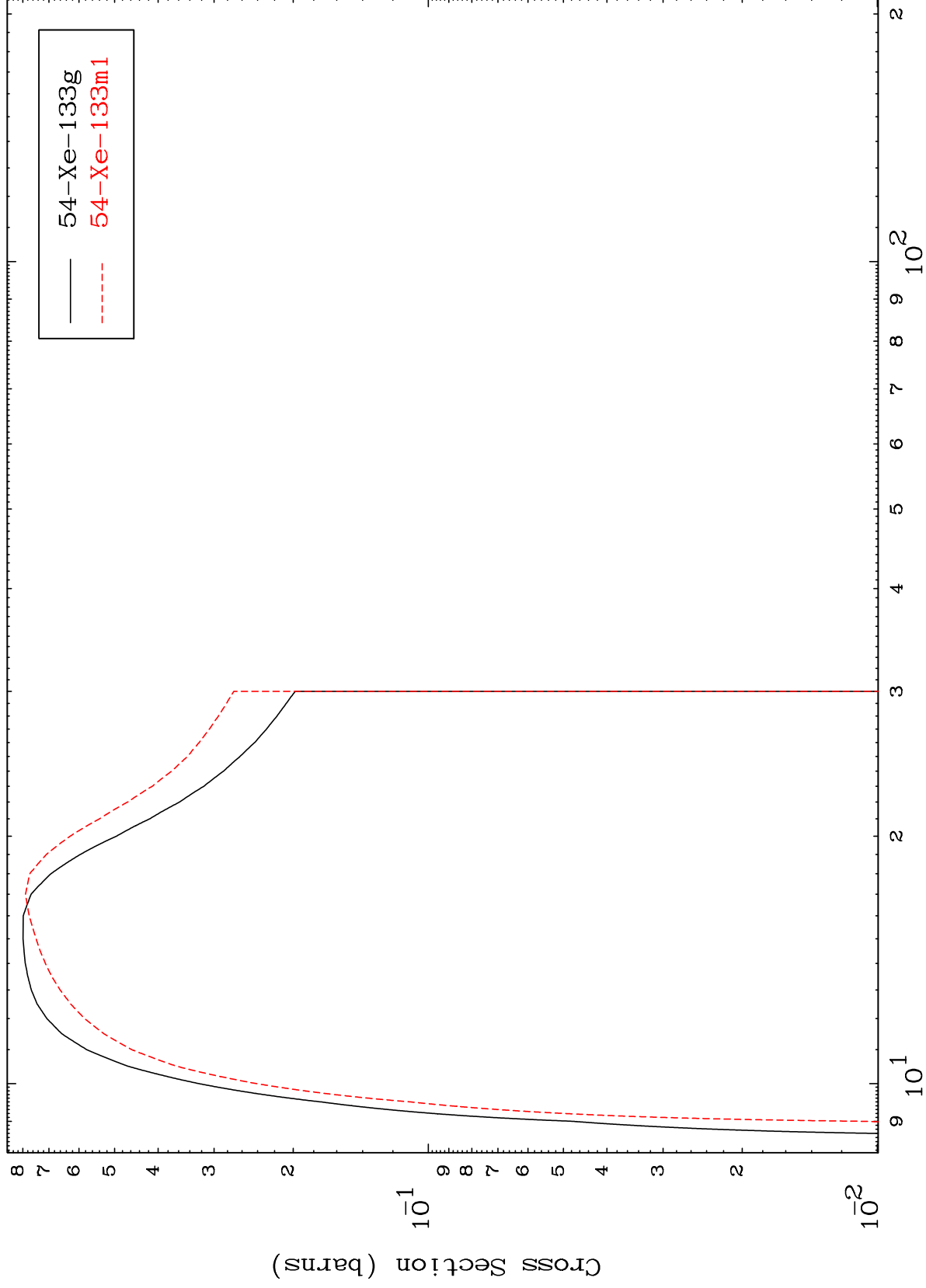
54-Xe-134

MAT 5455

(n,2n)

54-Xe-134

Radionuclide Production Cross Section



119

Incident Energy (MeV)

54-Xe-134

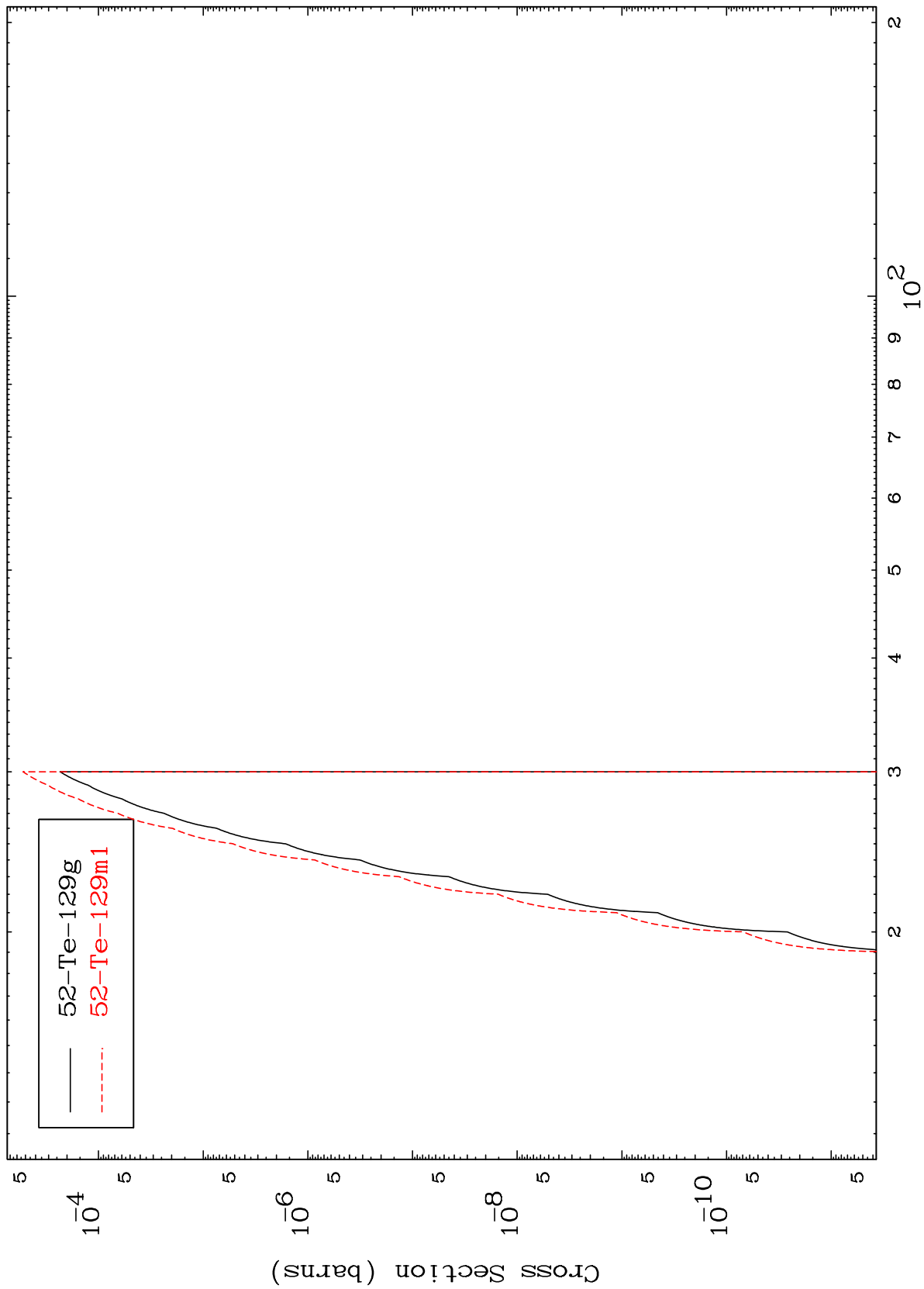


MAT 5455

(n,2n)  $\alpha$

54-Xe-134

Radionuclide Production Cross Section



120

Incident Energy (MeV)

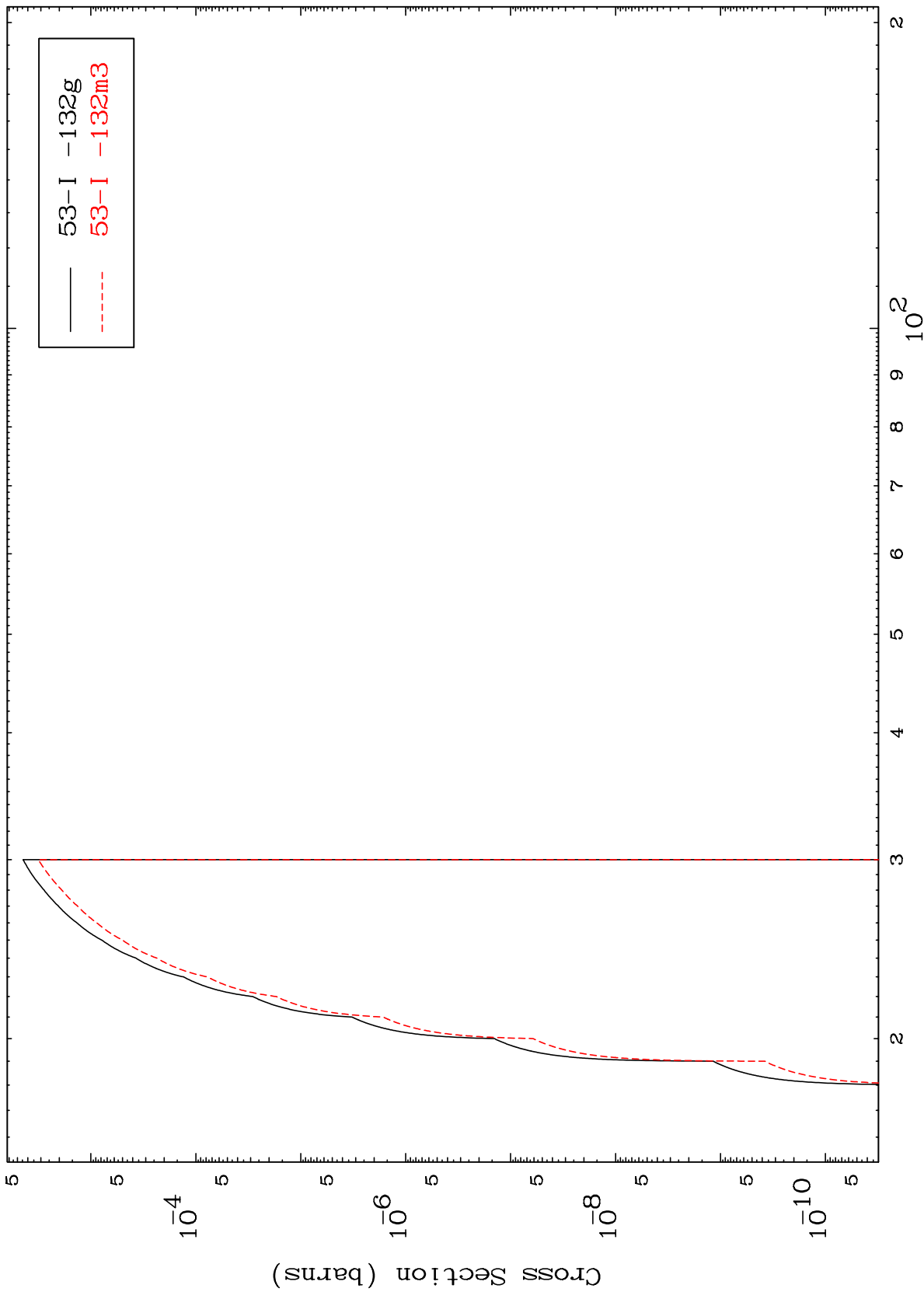
54-Xe-134

MAT 5455

(n,n') d

54-Xe-134

Radionuclide Production Cross Section



121

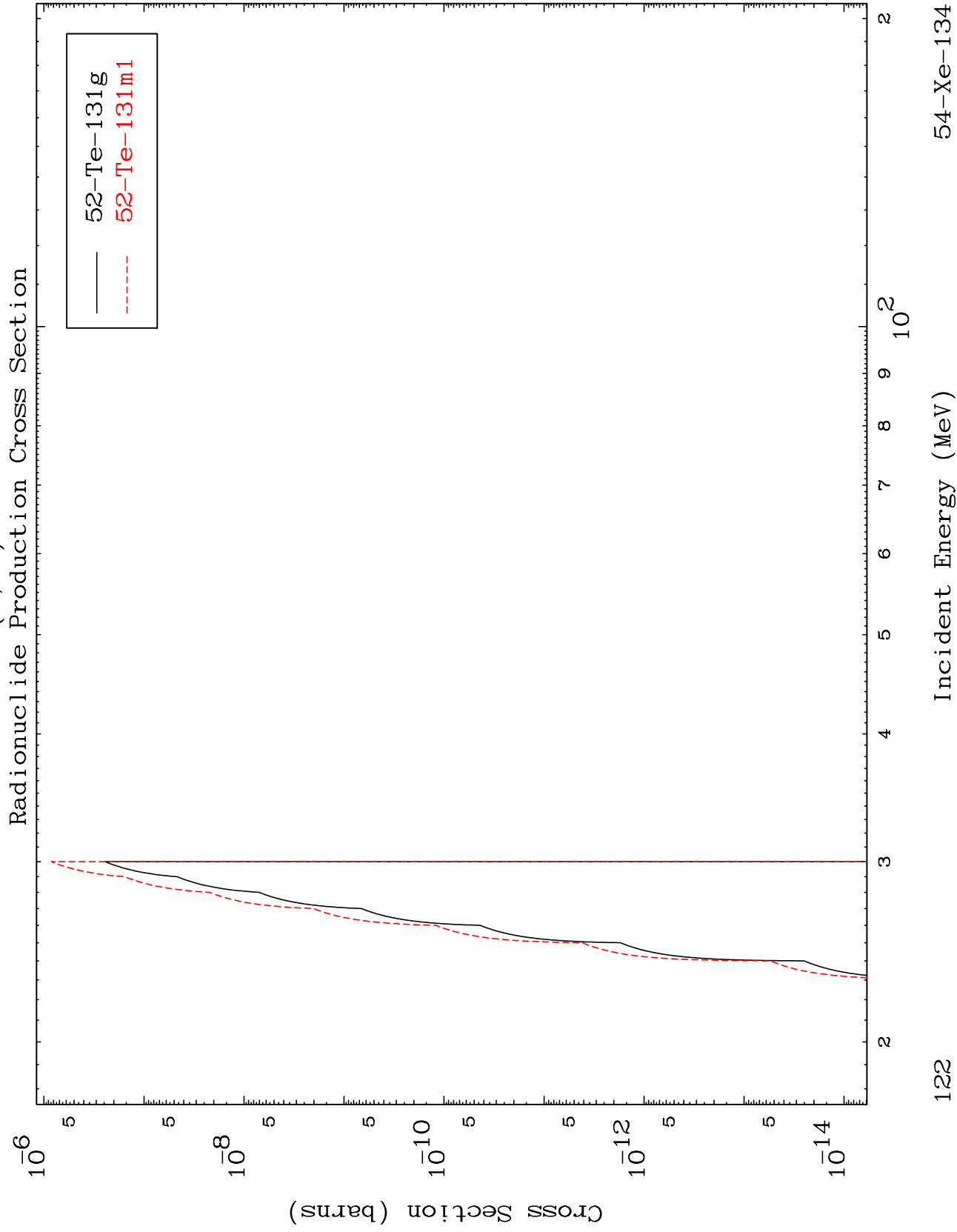
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,n') He-3

54-Xe-134



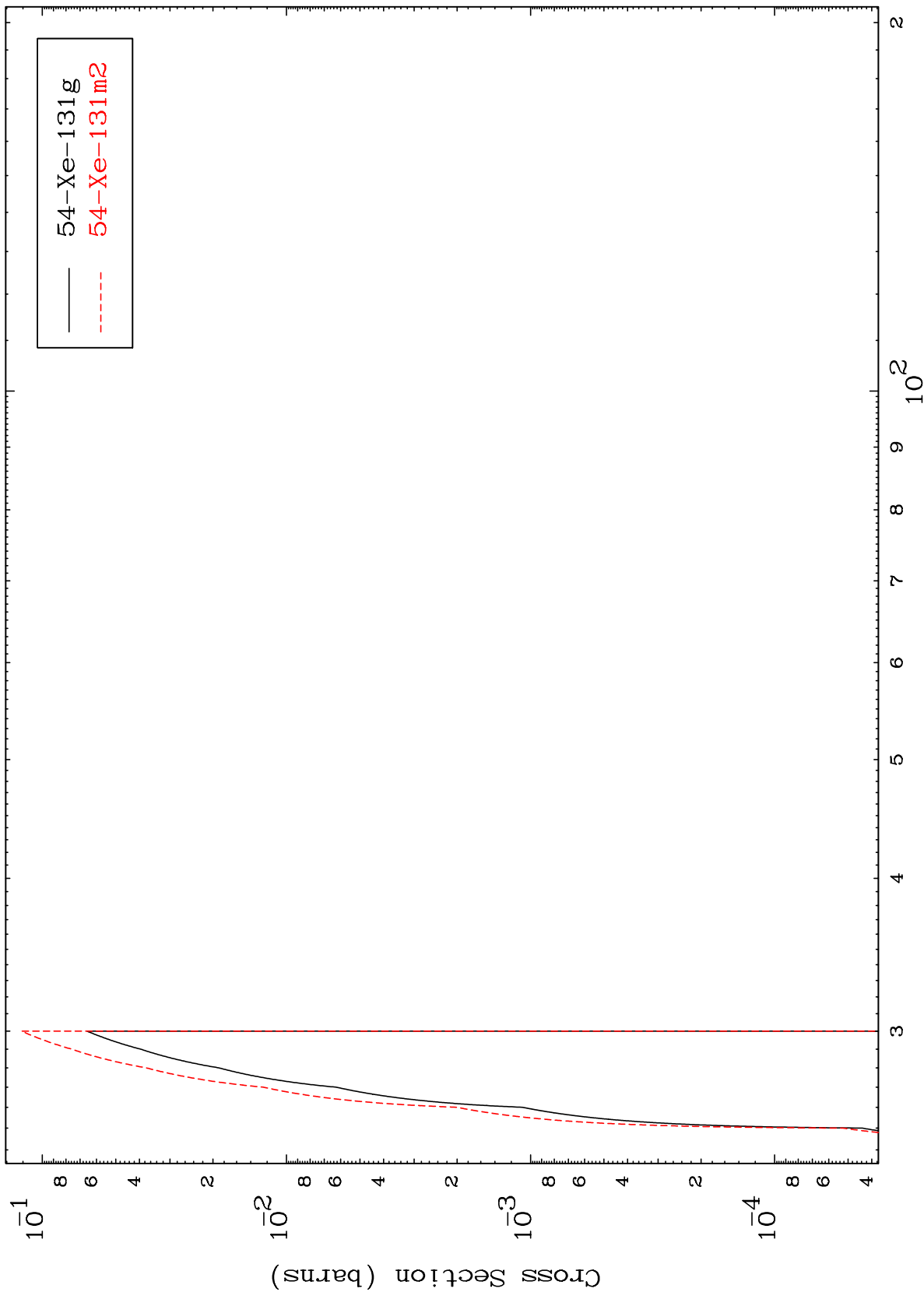
122

54-Xe-134

MAT 5455

54-Xe-134

(n,4n)  
Radionuclide Production Cross Section



123

54-Xe-134

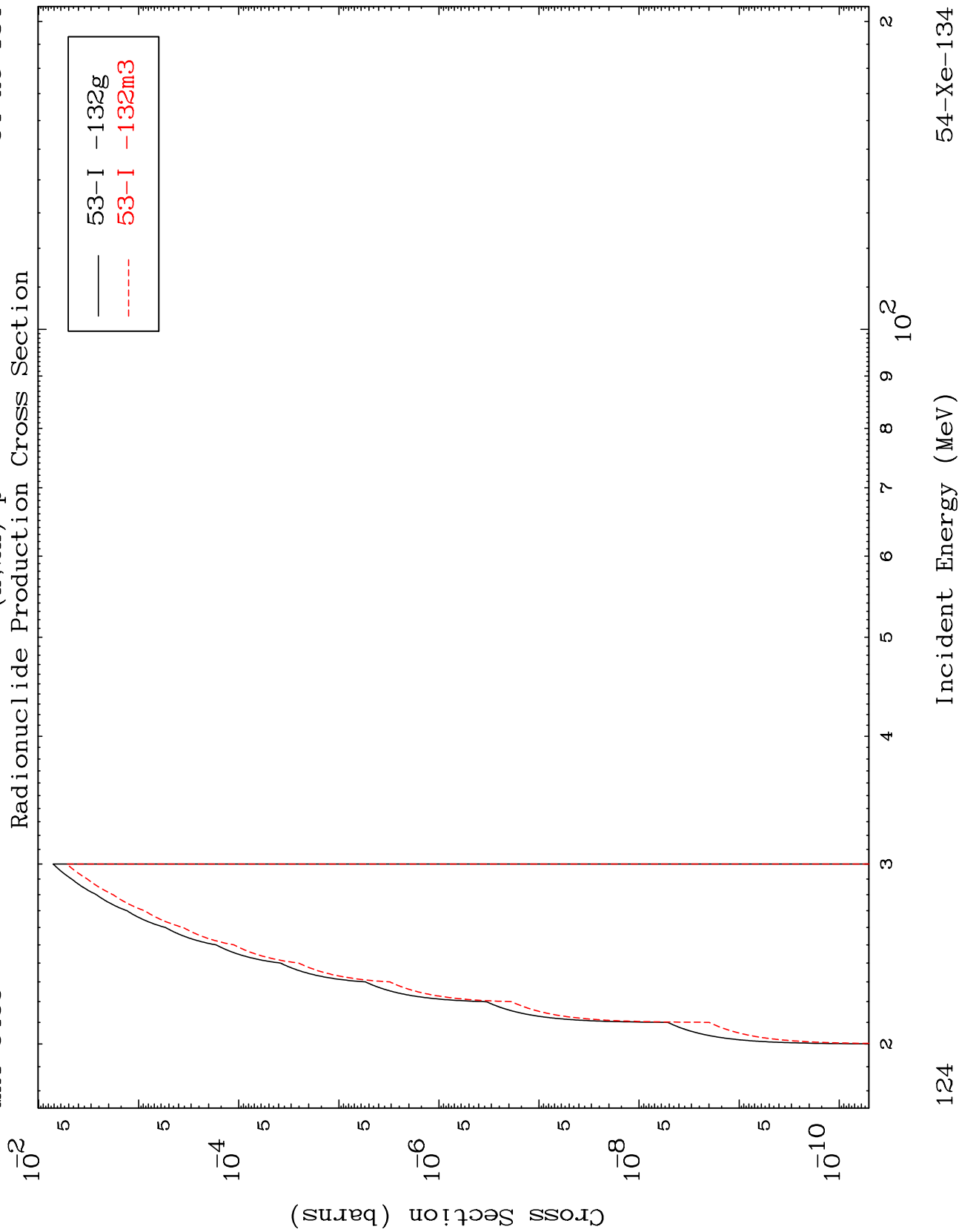
Incident Energy (MeV)

MAT 5455

(n,2n) p

54-Xe-134

Radionuclide Production Cross Section



124

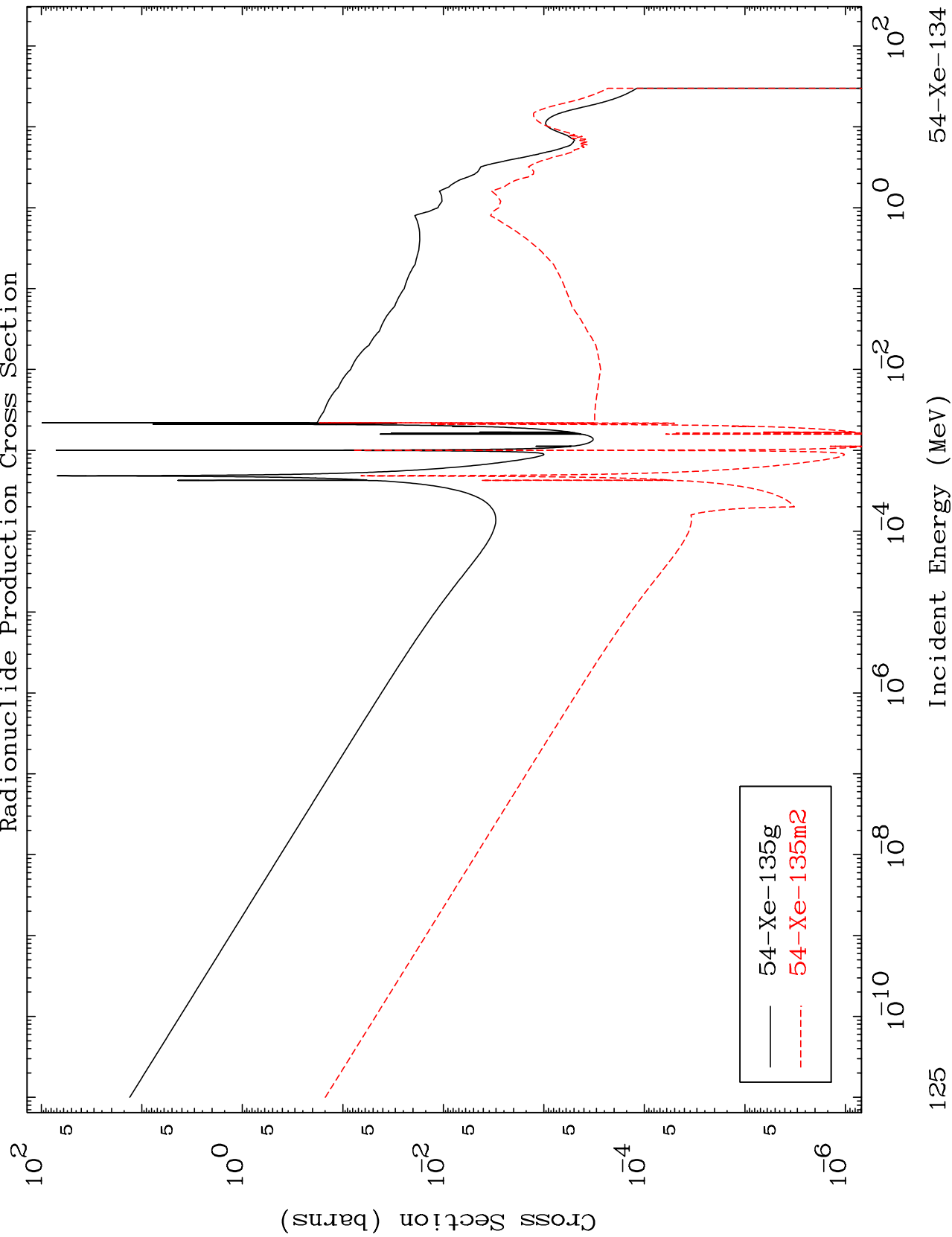
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

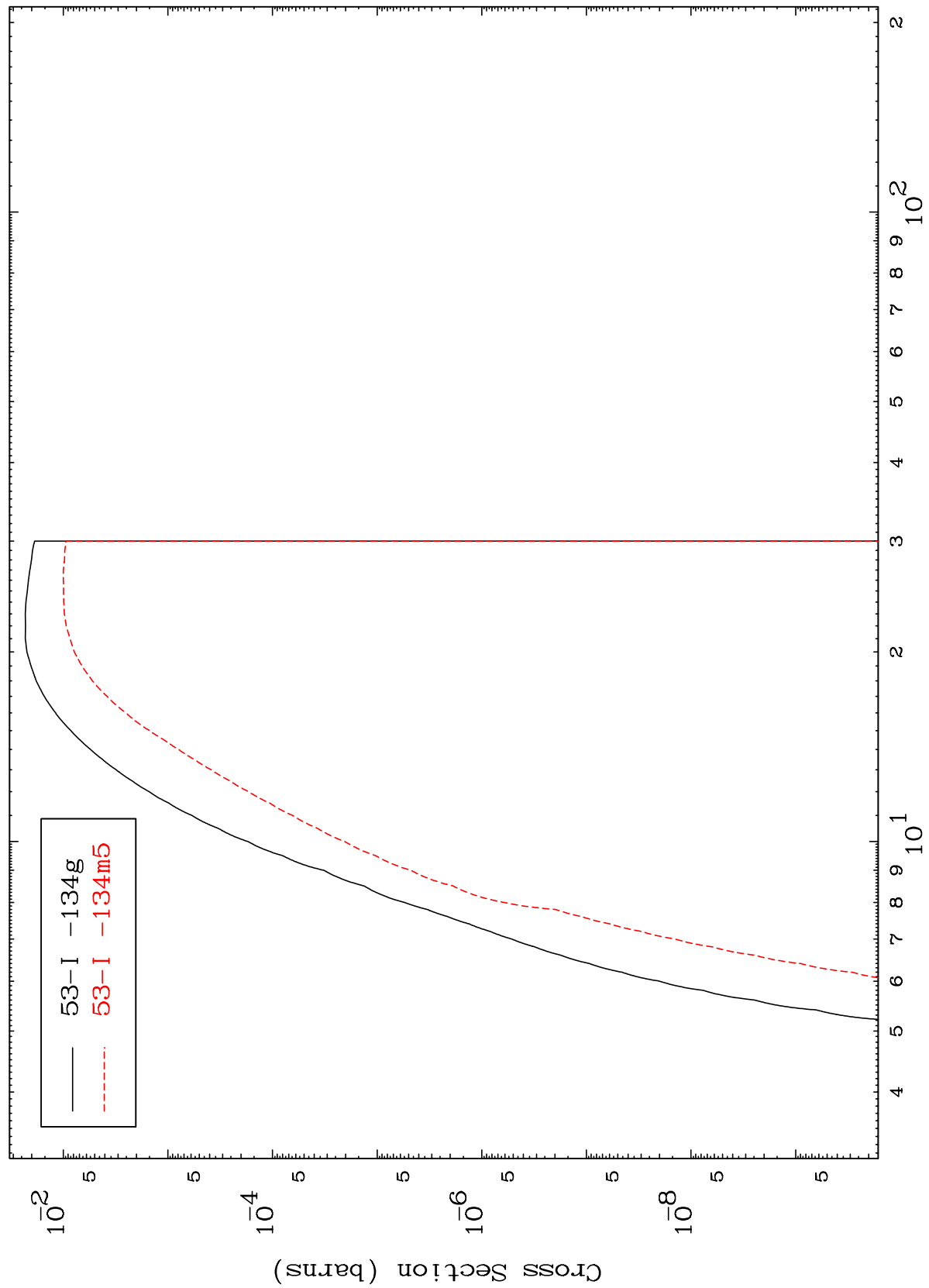
Radionuclide Production Cross Section



MAT 5455

54-Xe-134

(n,p)  
Radionuclide Production Cross Section



126

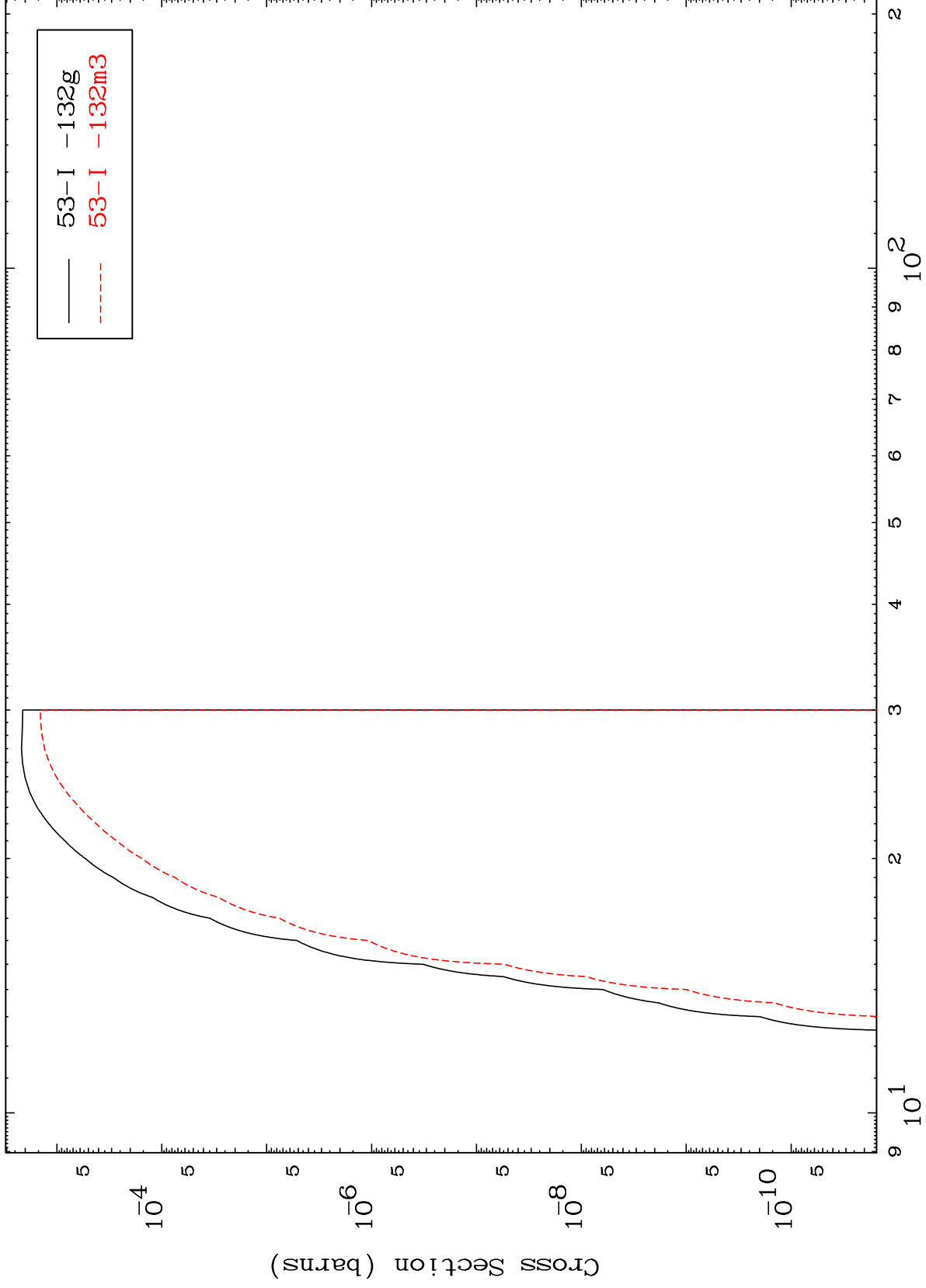
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,t)  
Radionuclide Production Cross Section



54-Xe-134

Incident Energy (MeV)

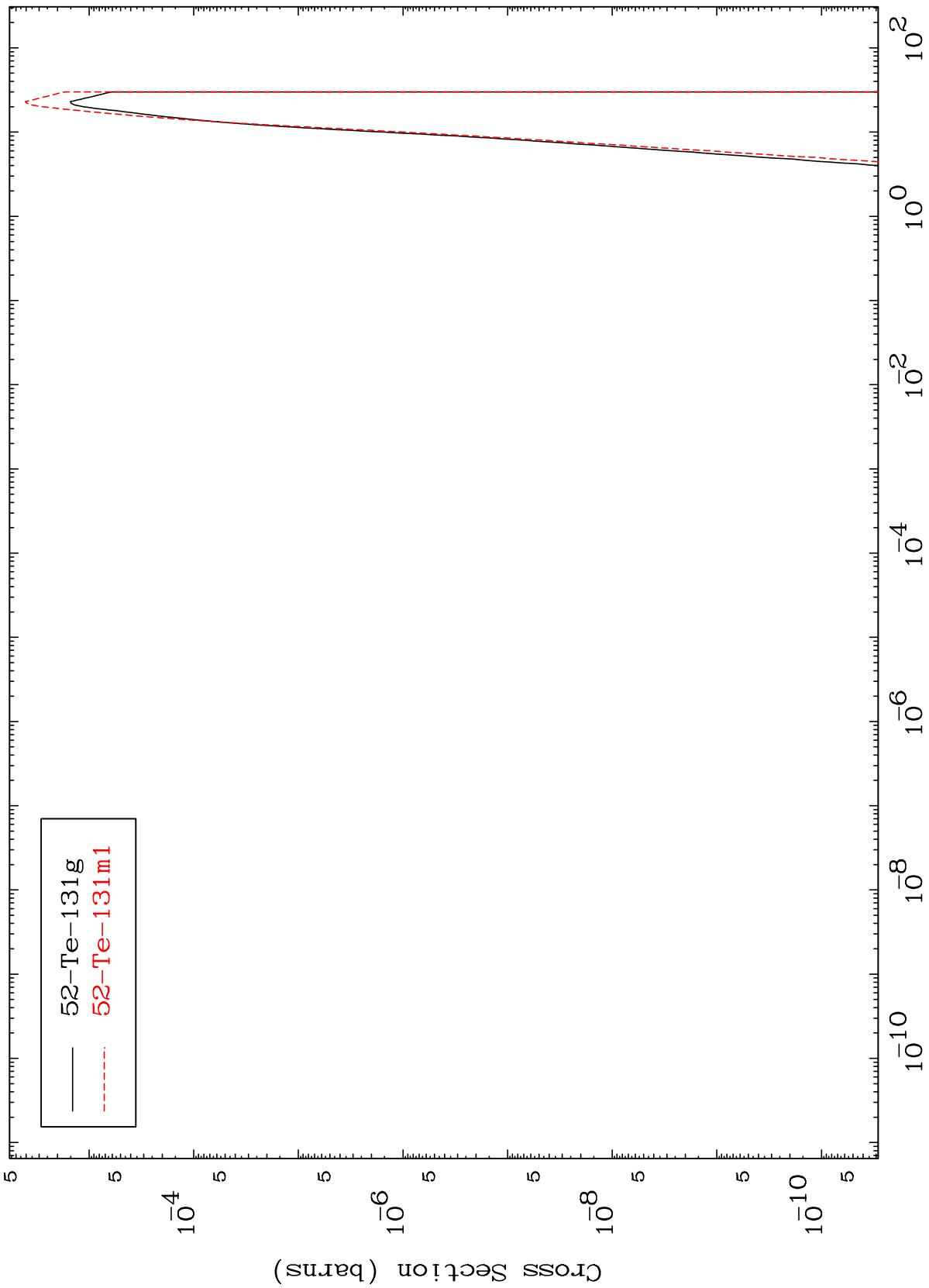
127



MAT 5455

54-Xe-134

Radionuclide Production Cross Section



Incident Energy (MeV)

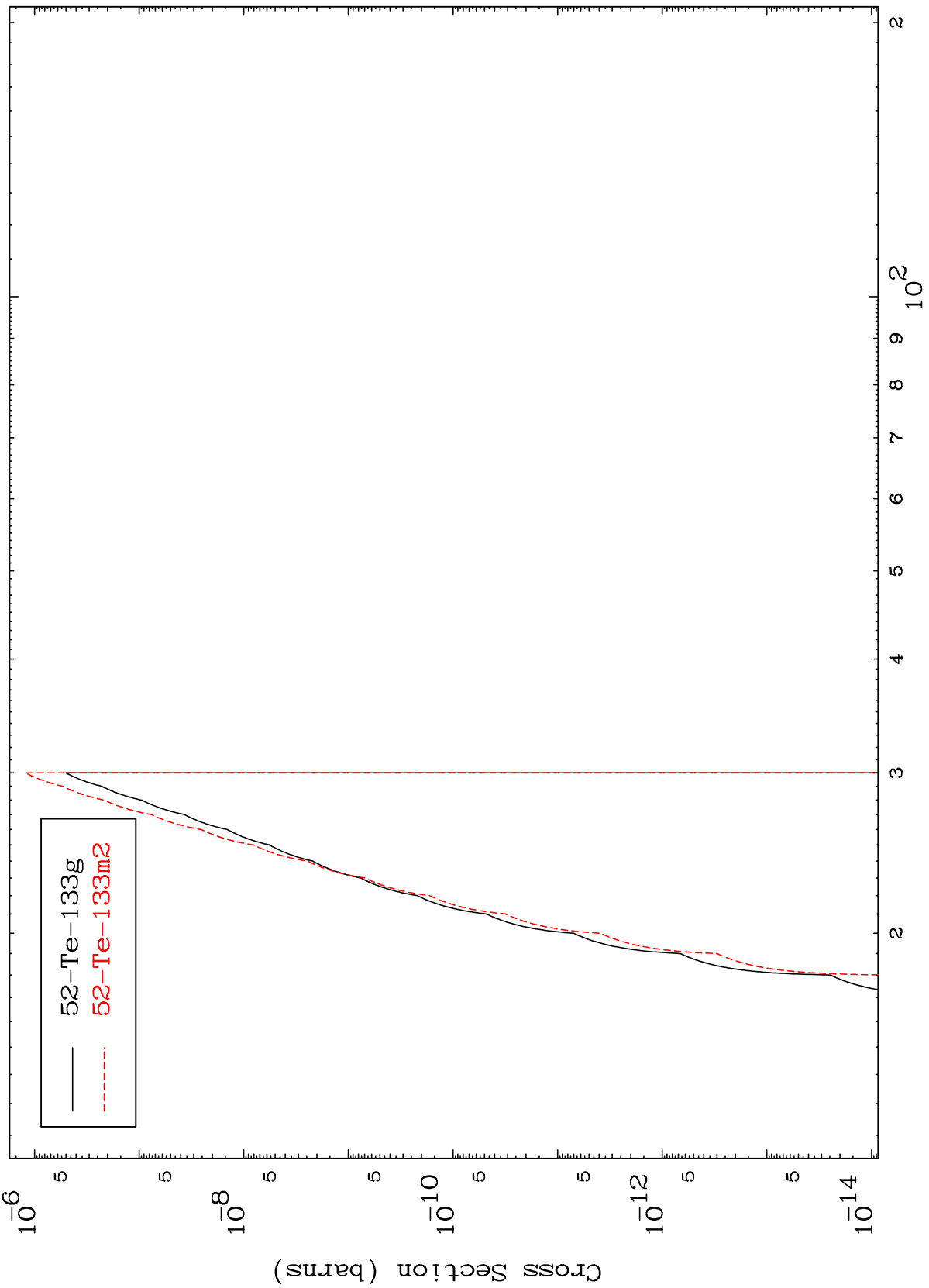
54-Xe-134

128

MAT 5455

54-Xe-134

(n,2p)  
Radionuclide Production Cross Section



129

54-Xe-134

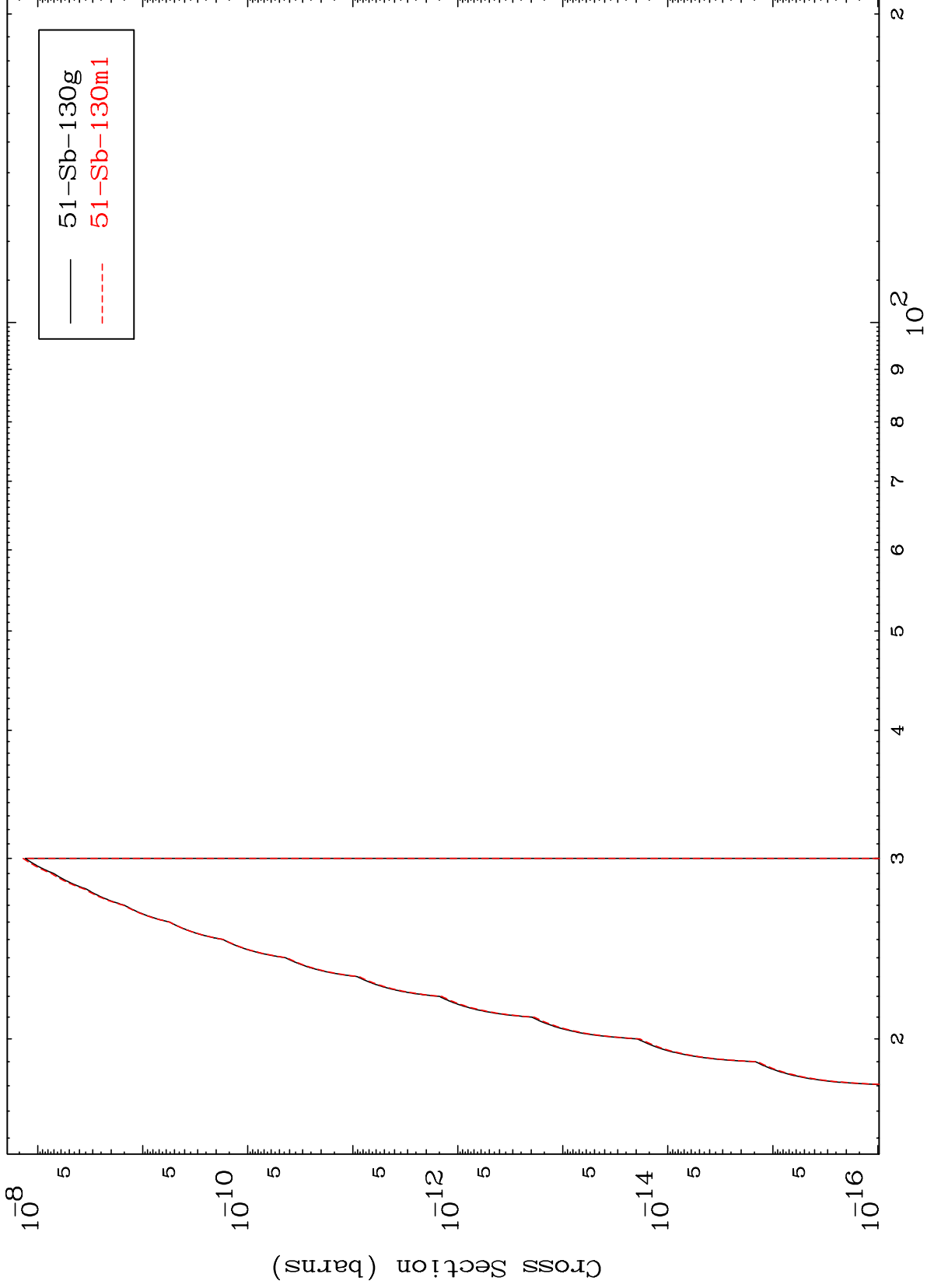
Incident Energy (MeV)

MAT 5455

(n,p)  $\alpha$

54-Xe-134

Radionuclide Production Cross Section



130

Incident Energy (MeV)

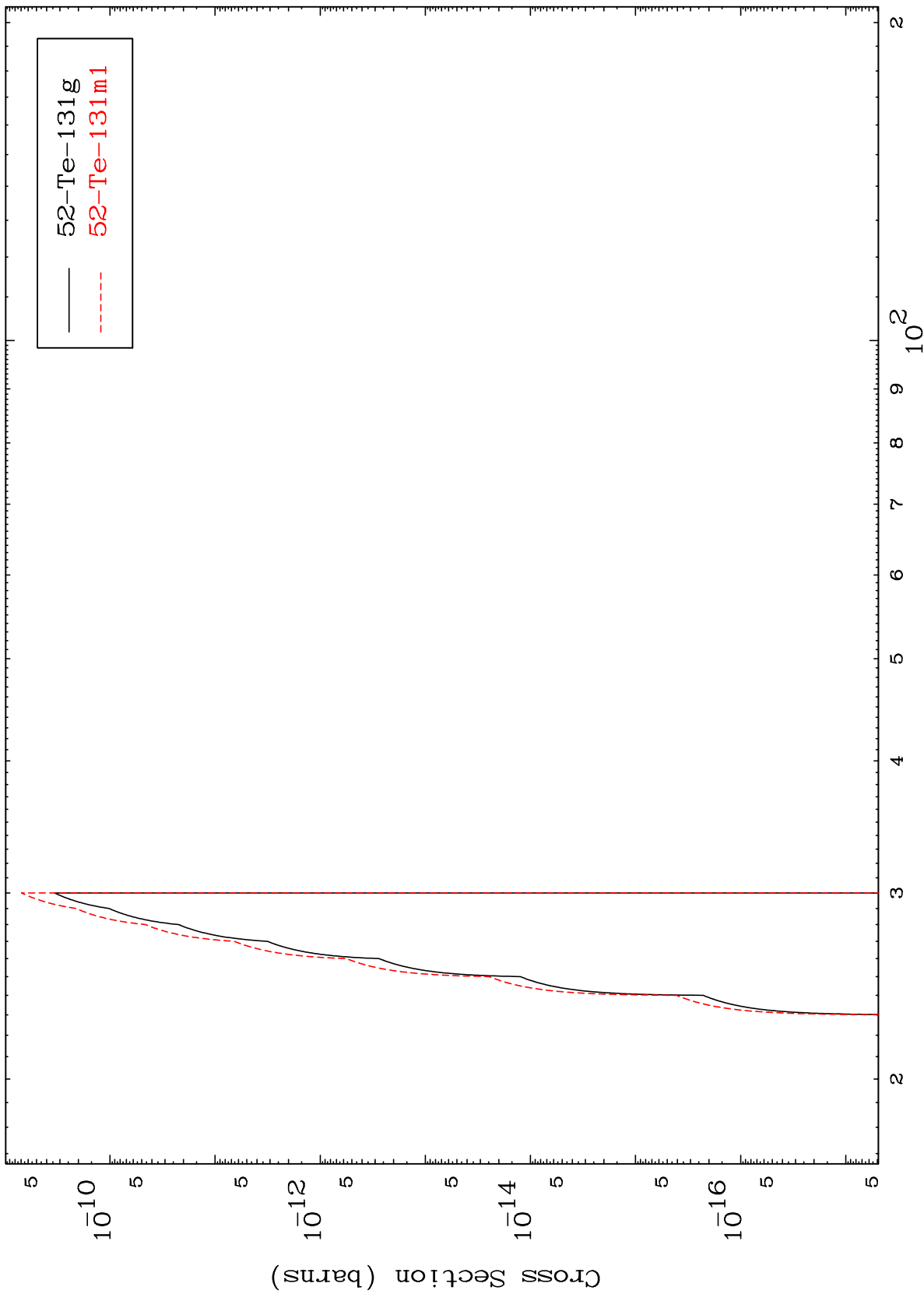
54-Xe-134

MAT 5455

(n,p) t

54-Xe-134

Radionuclide Production Cross Section



131

Incident Energy (MeV)

54-Xe-134