

Program EVALPLOT
(Version 2018-1)

by

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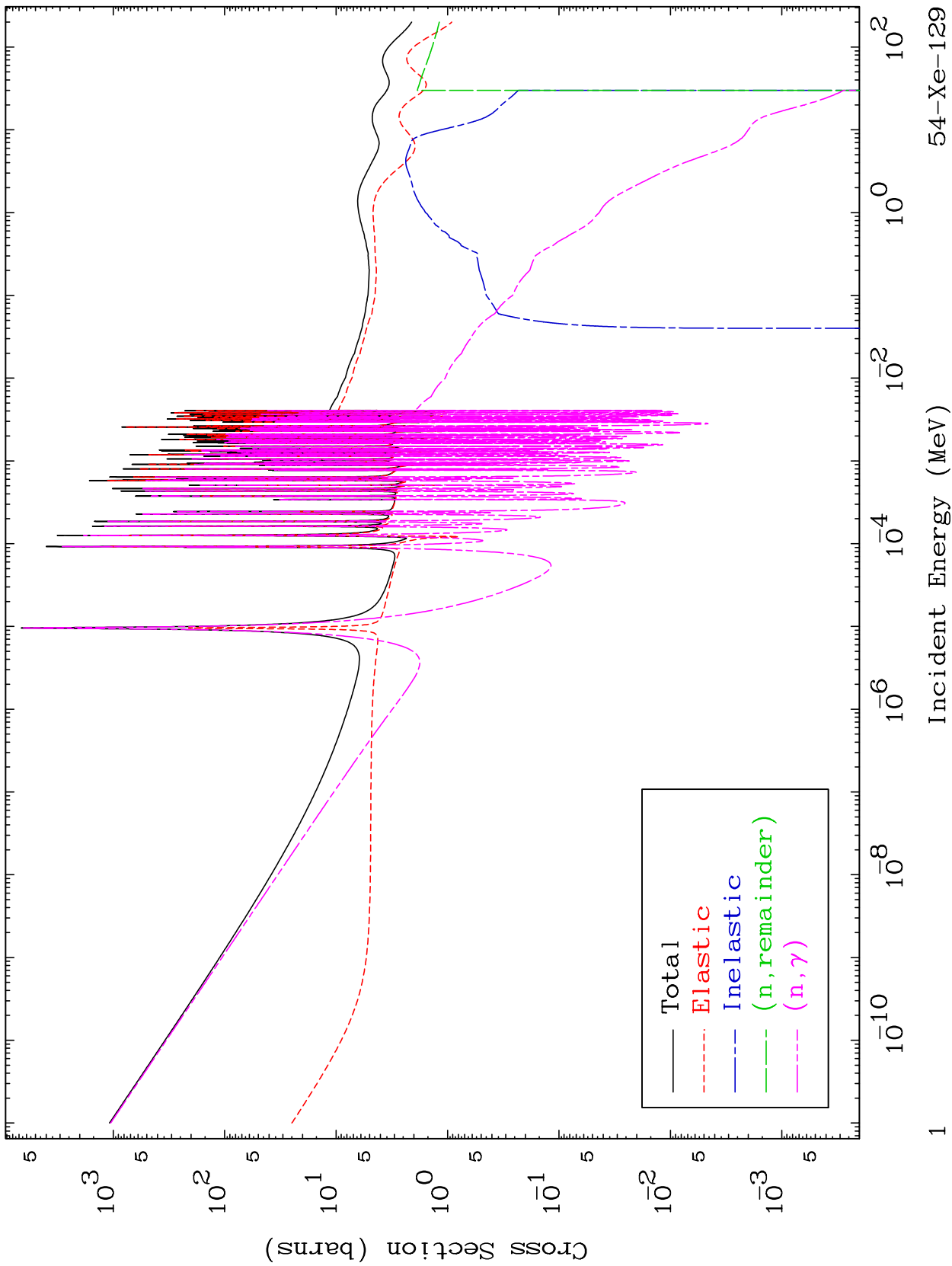
Press Mouse Button to Start

MAT 5440

Major

293 Kelvin Cross Sections

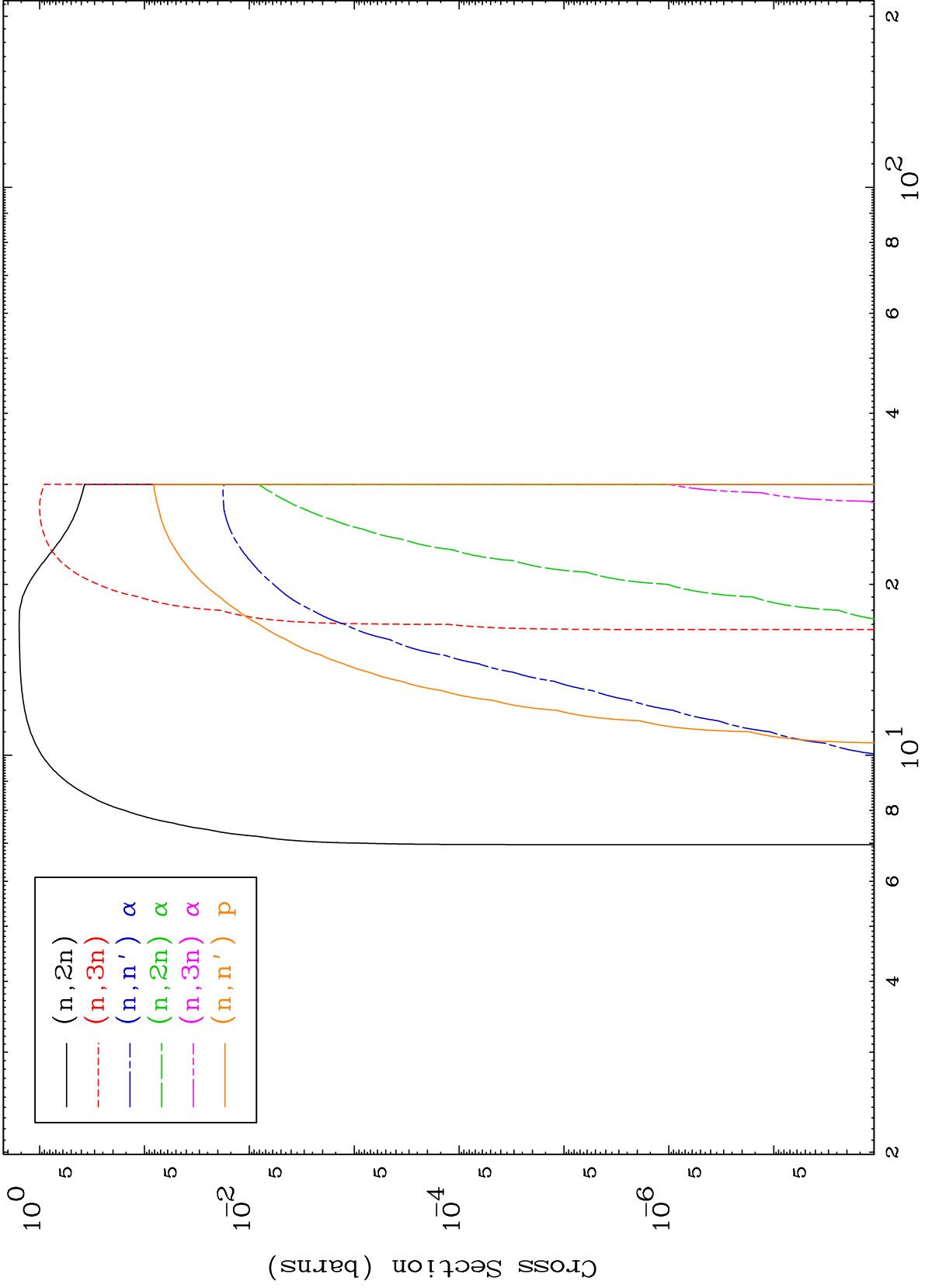
54-Xe-129



MAT 5440

Neutron Production
293 Kelvin Cross Sections

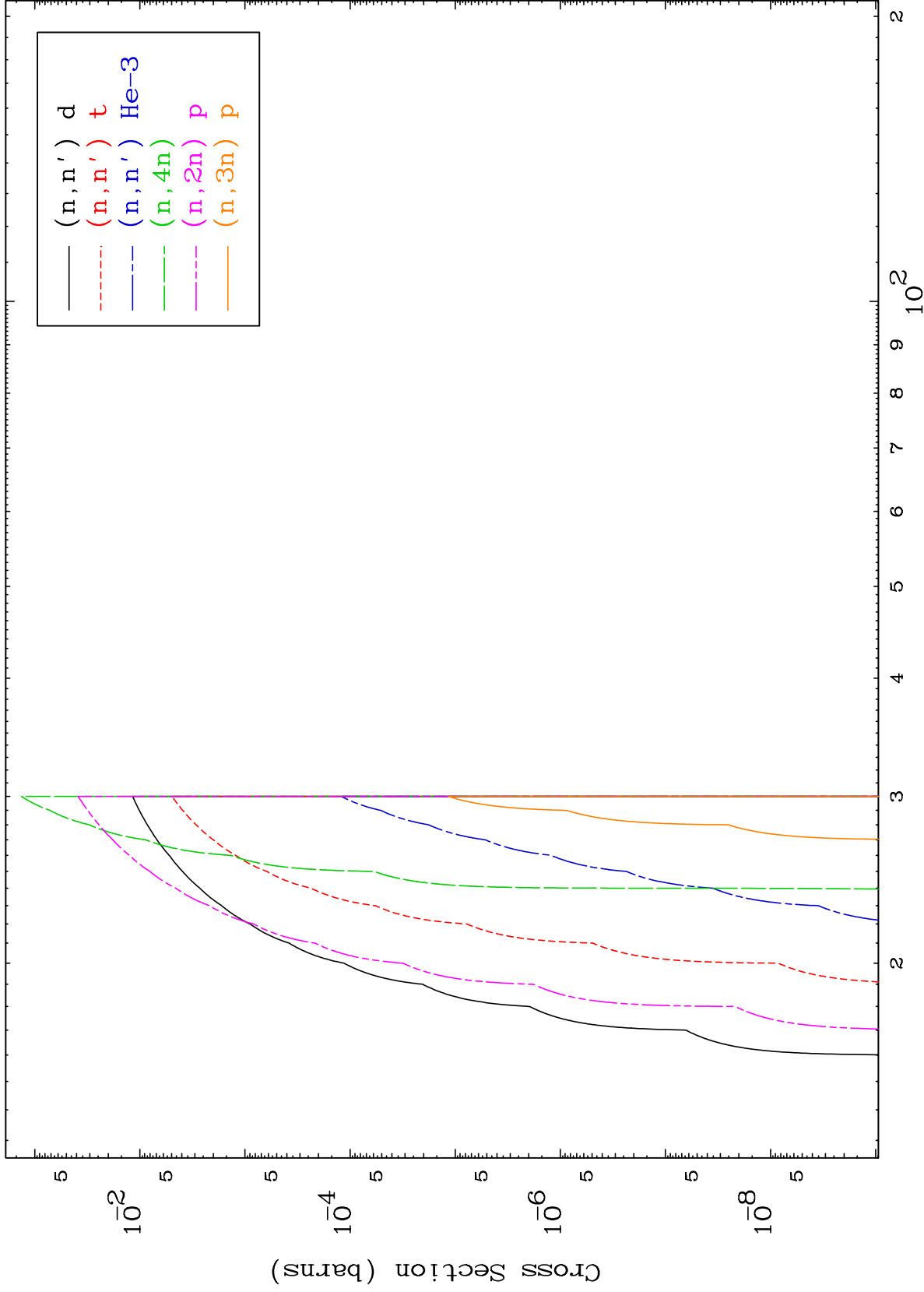
54-Xe-129



2

Incident Energy (MeV)

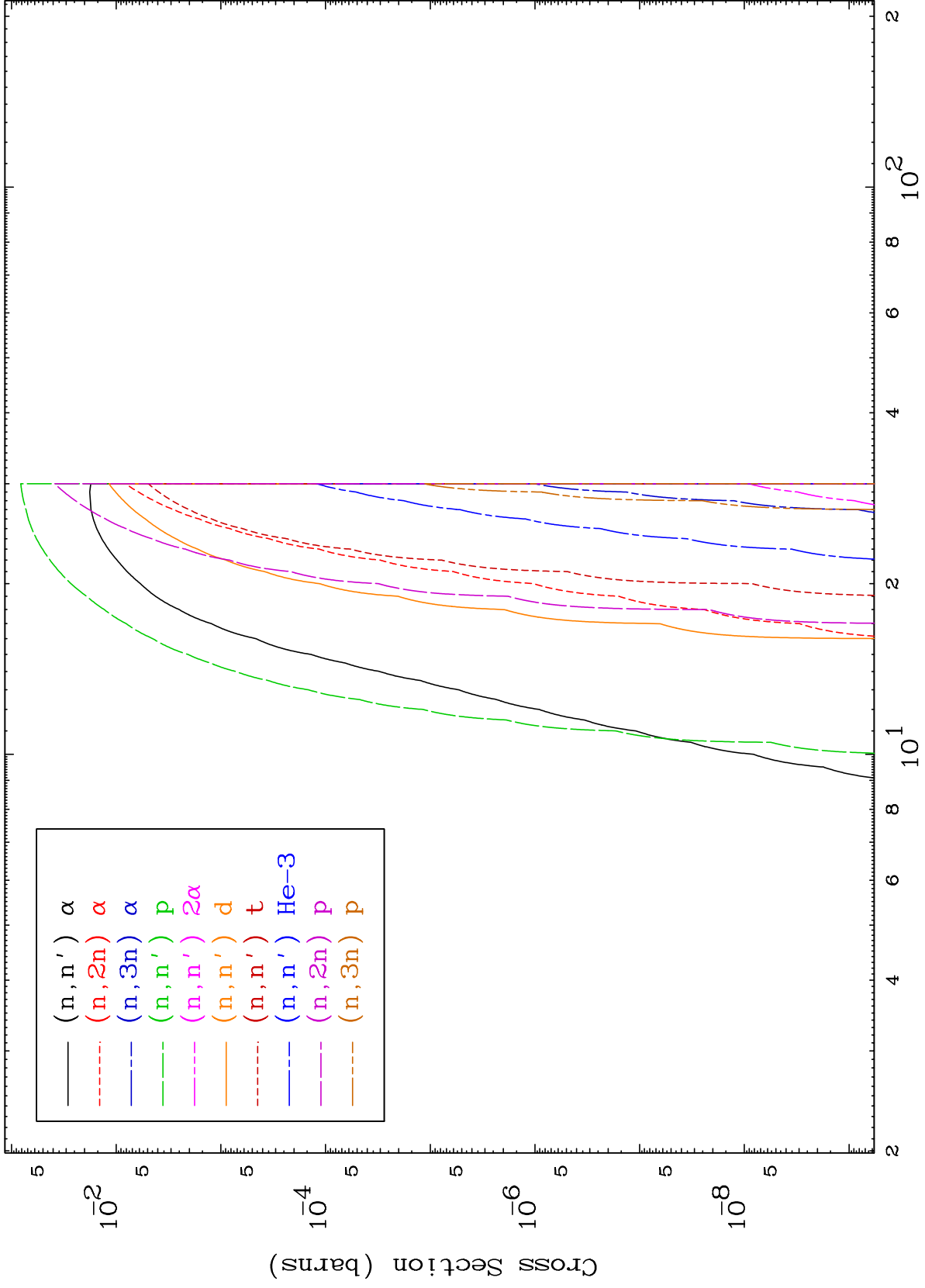
54-Xe-129



MAT 5440

Charged Particle
293 Kelvin Cross Sections

54-Xe-129



4

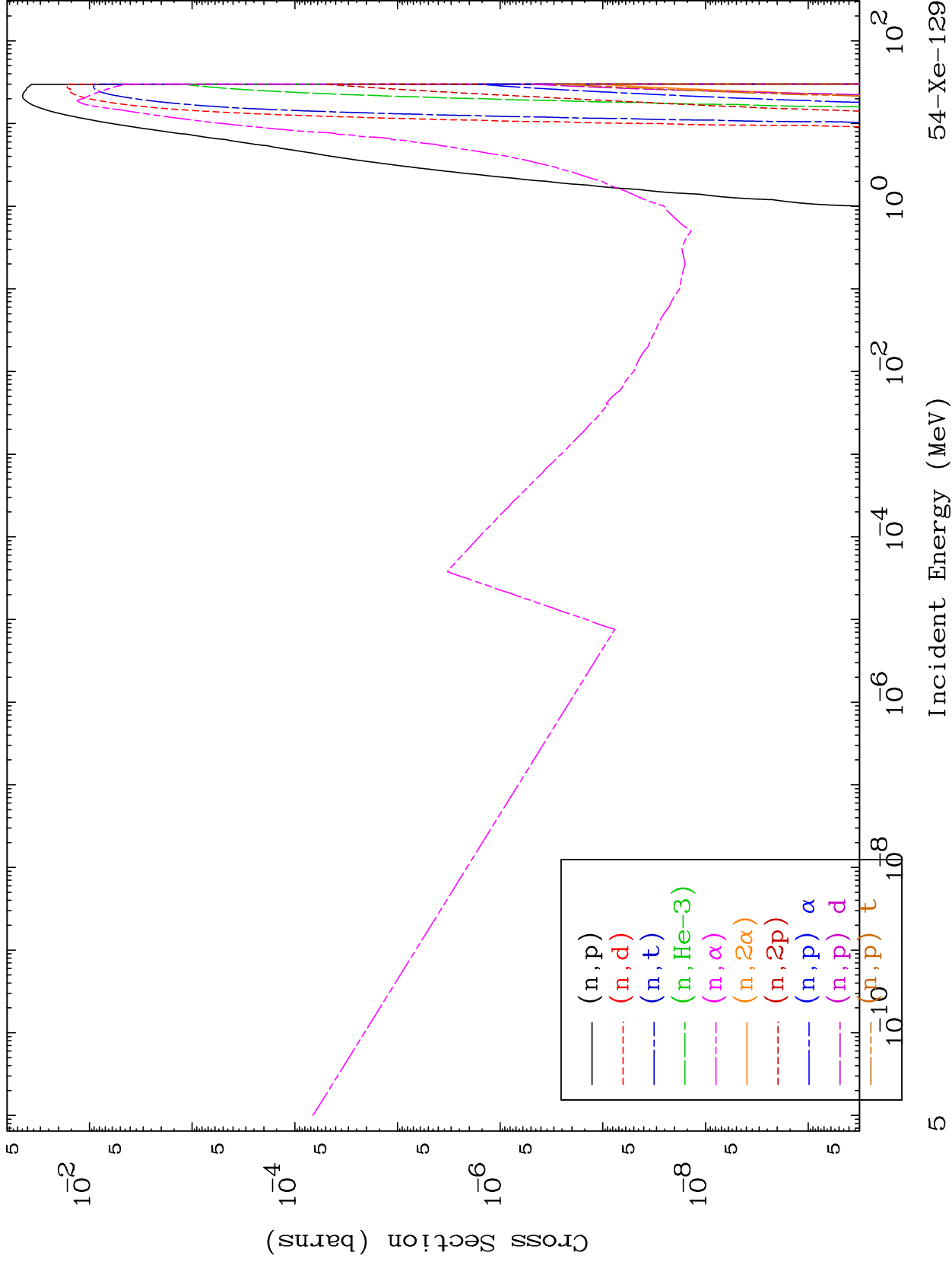
Incident Energy (MeV)

54-Xe-129

MAT 5440

Charged Particle
293 Kelvin Cross Sections

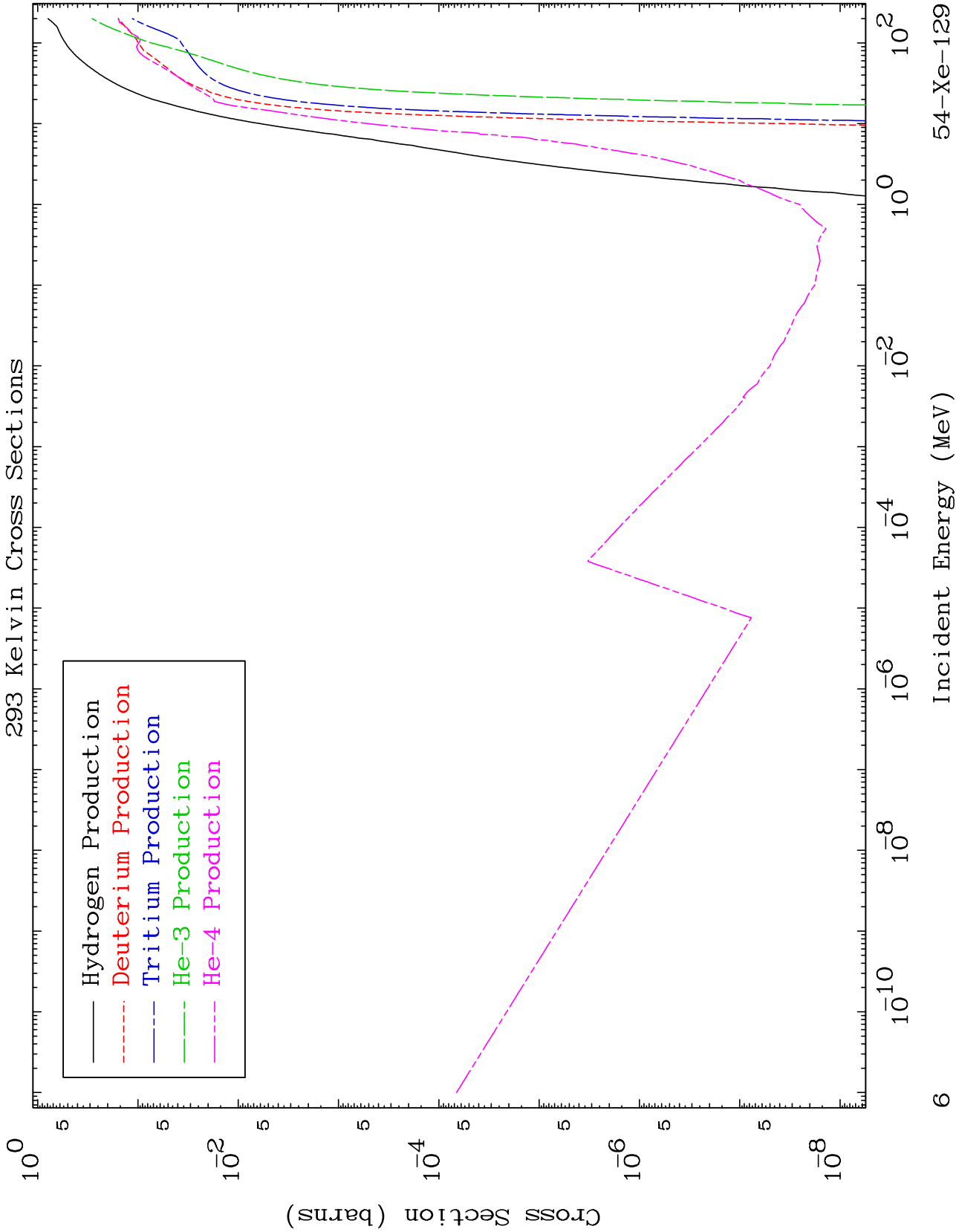
54-Xe-129



MAT 5440

Particle Production
293 Kelvin Cross Sections

54-Xe-129



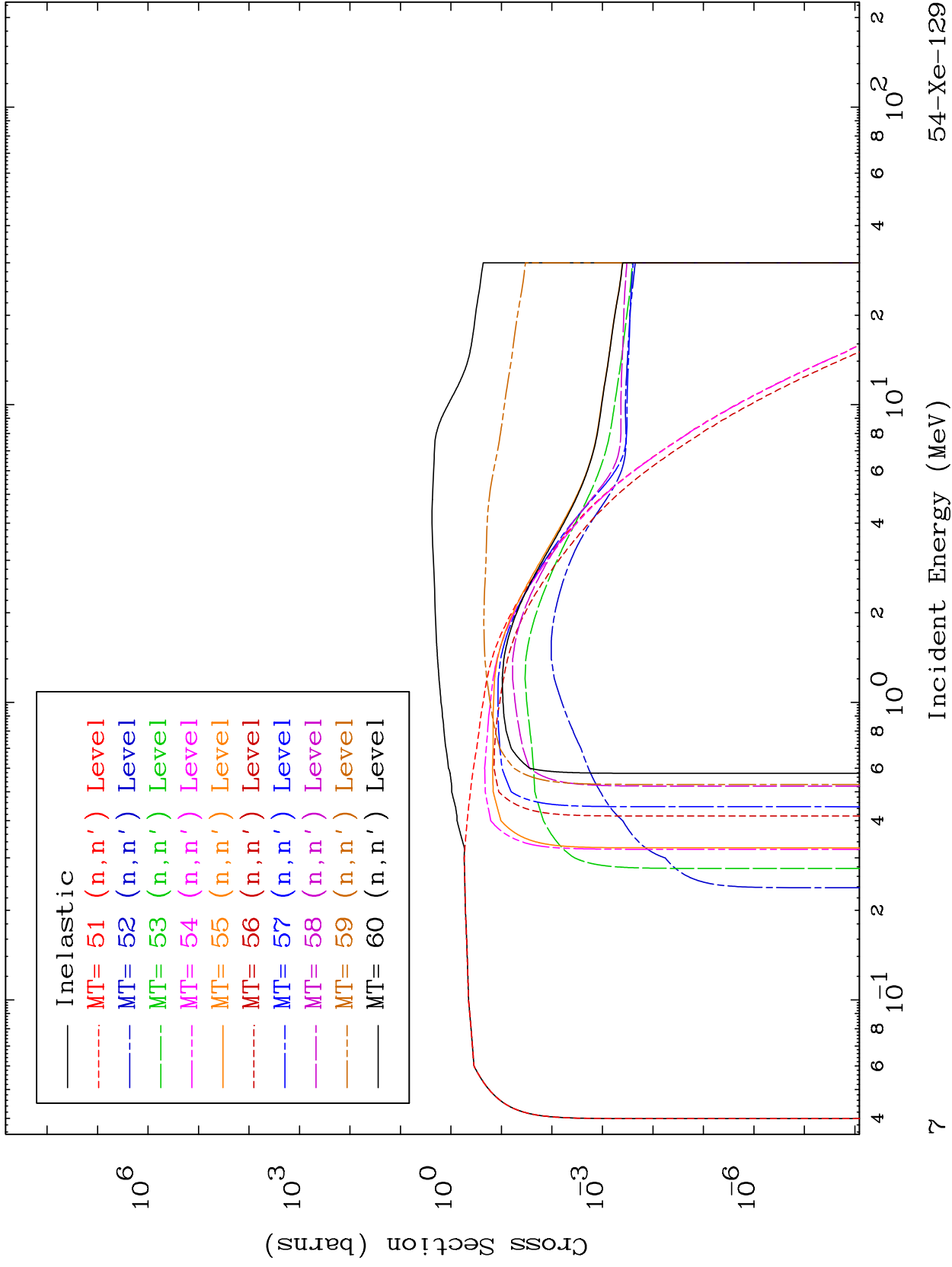
6

54-Xe-129

MAT 5440

(n,n') Level
293 Kelvin Cross Sections

54-Xe-129

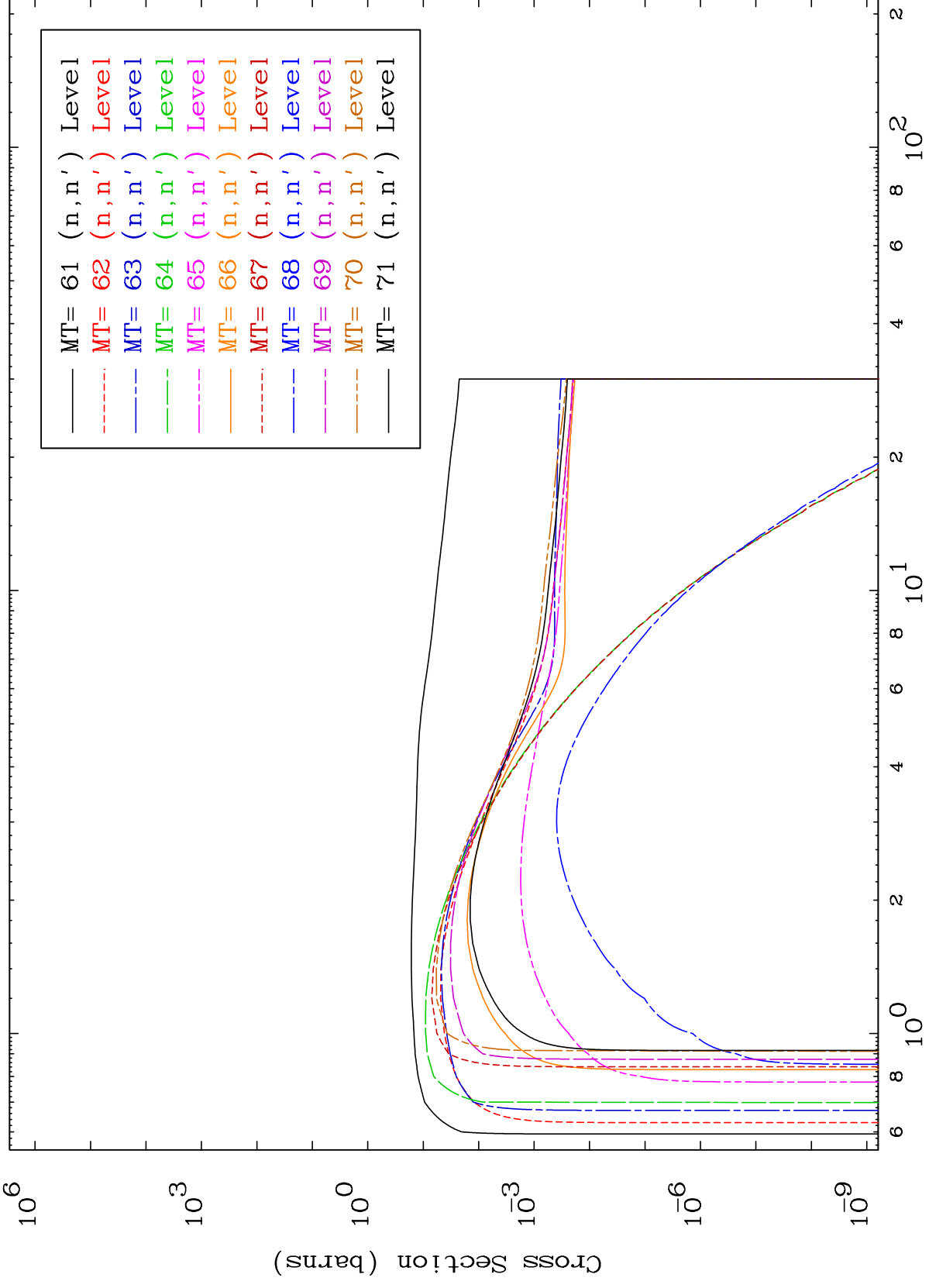


MAT 5440

(n,n') Level

54-Xe-129

293 Kelvin Cross Sections

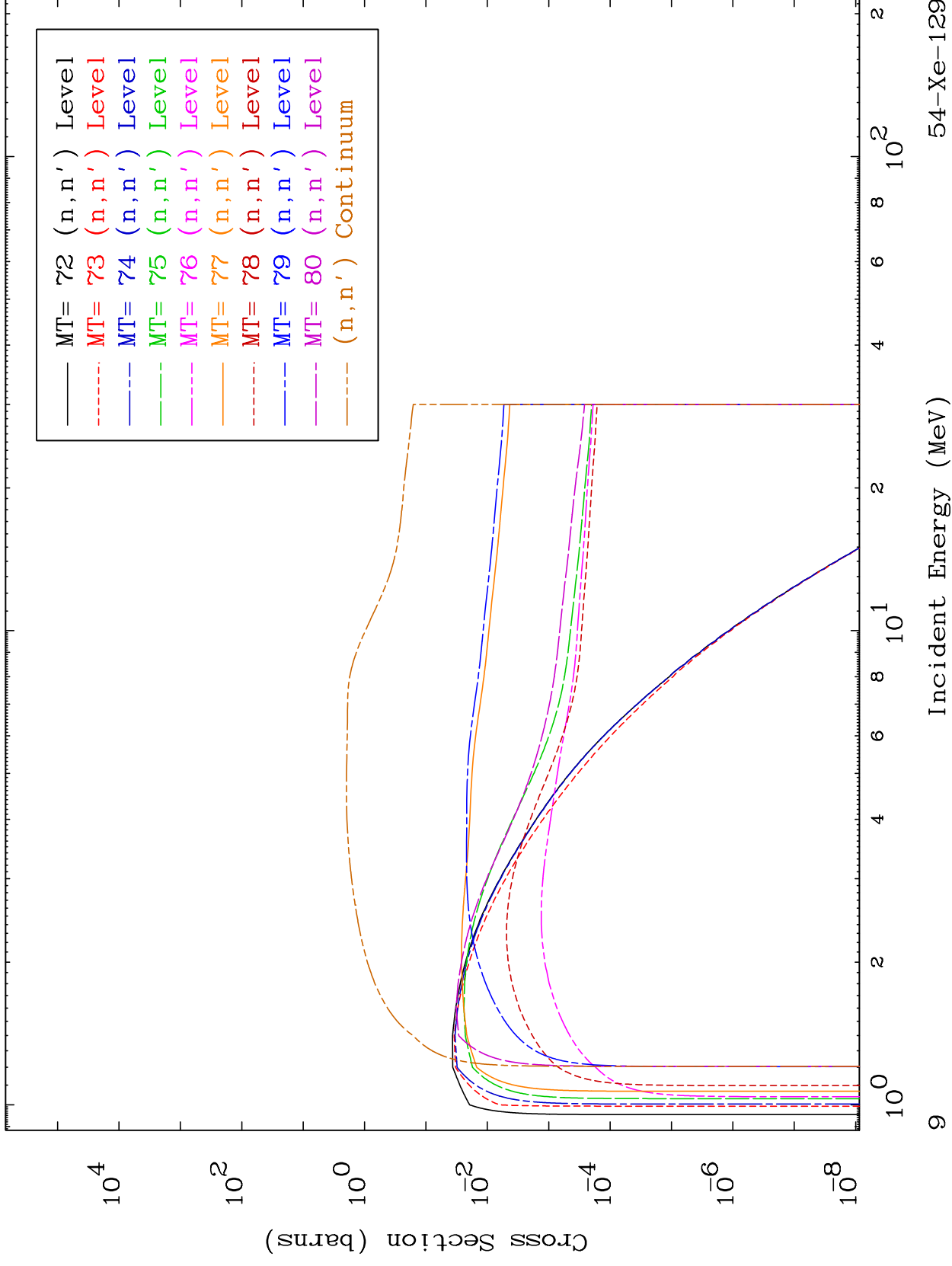


Incident Energy (MeV)

54-Xe-129

8

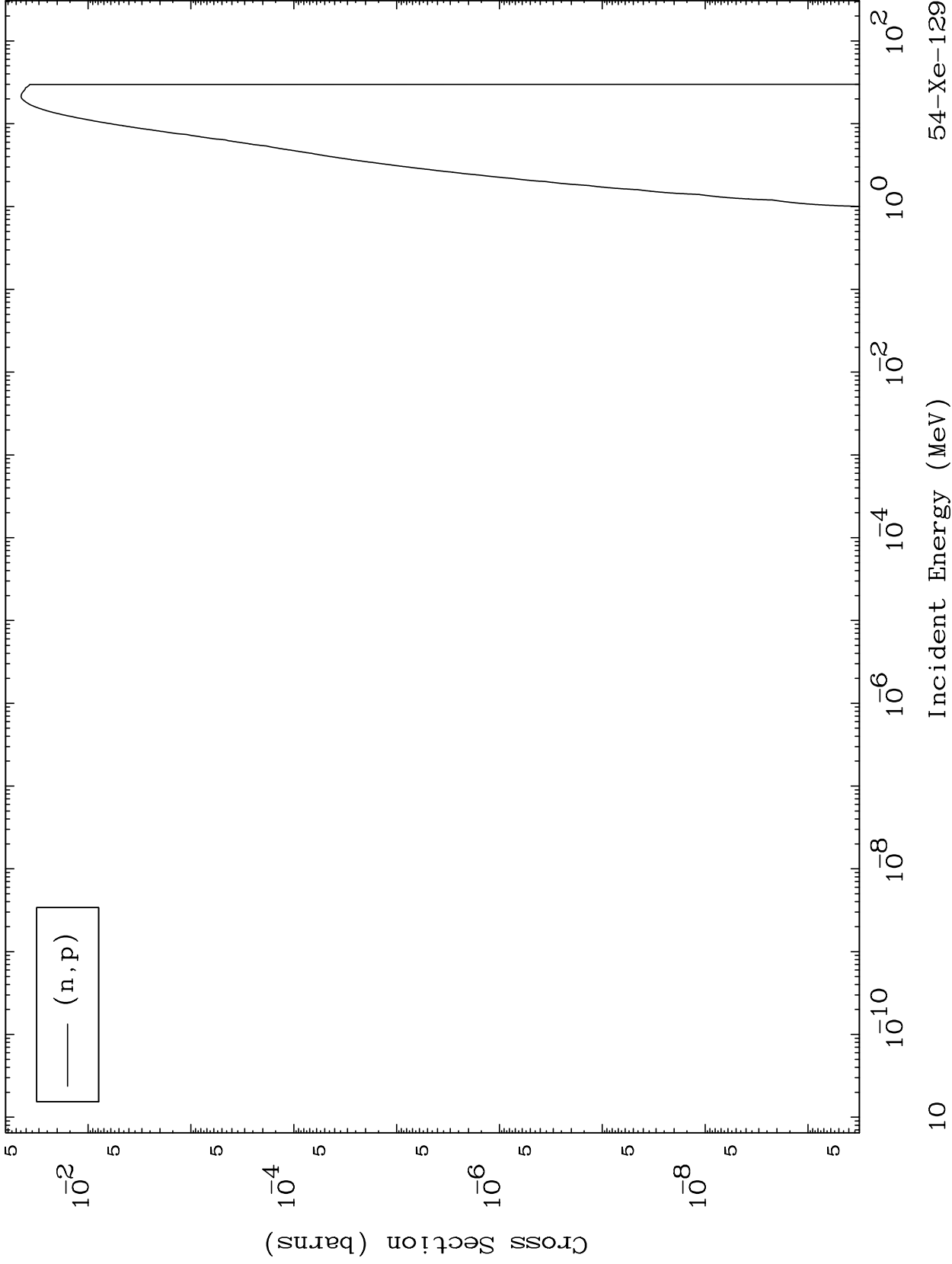
293 Kelvin Cross Sections



MAT 5440

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-129



10

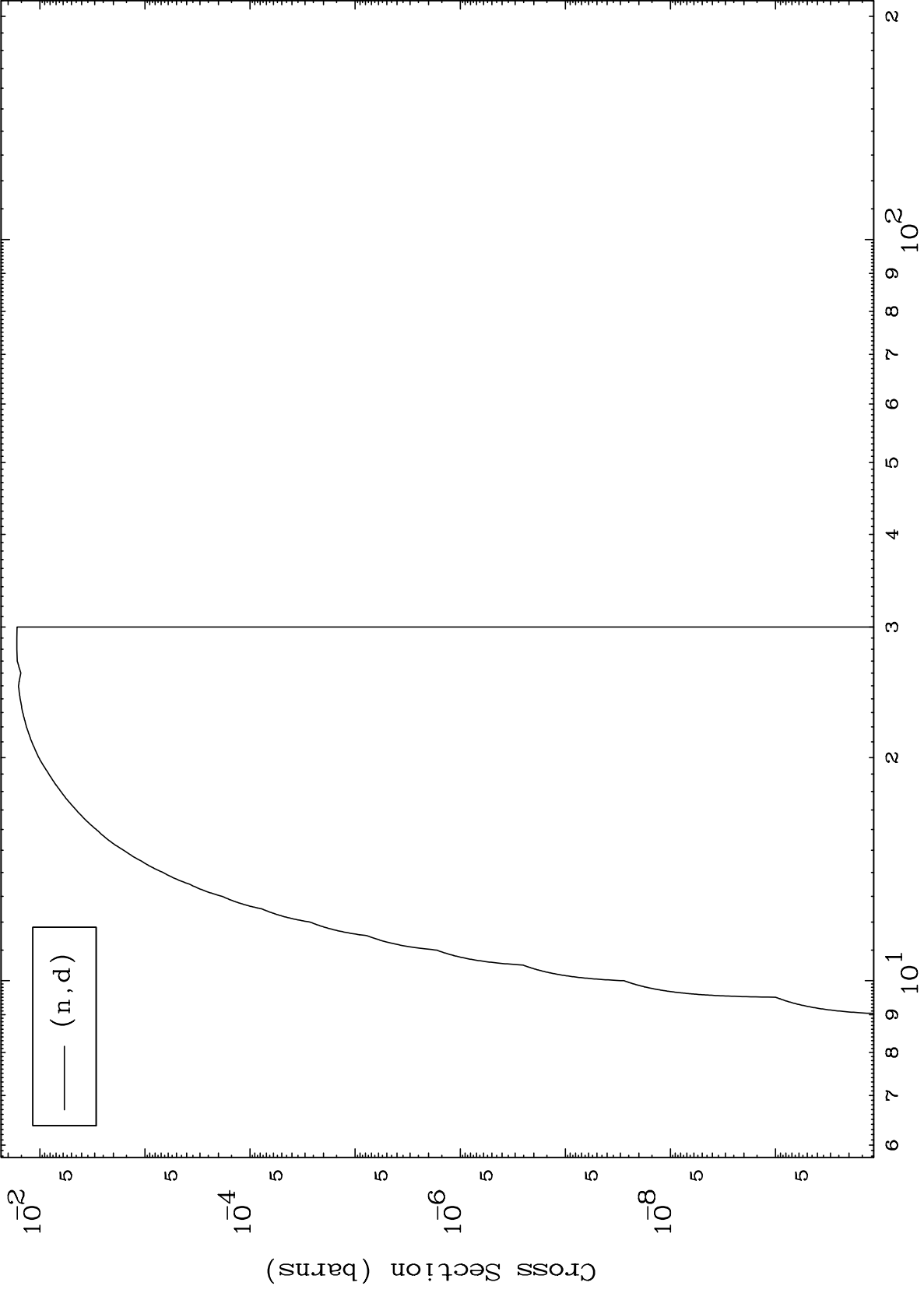
Incident Energy (MeV)

54-Xe-129

MAT 5440

(n,d) Levels
293 Kelvin Cross Sections

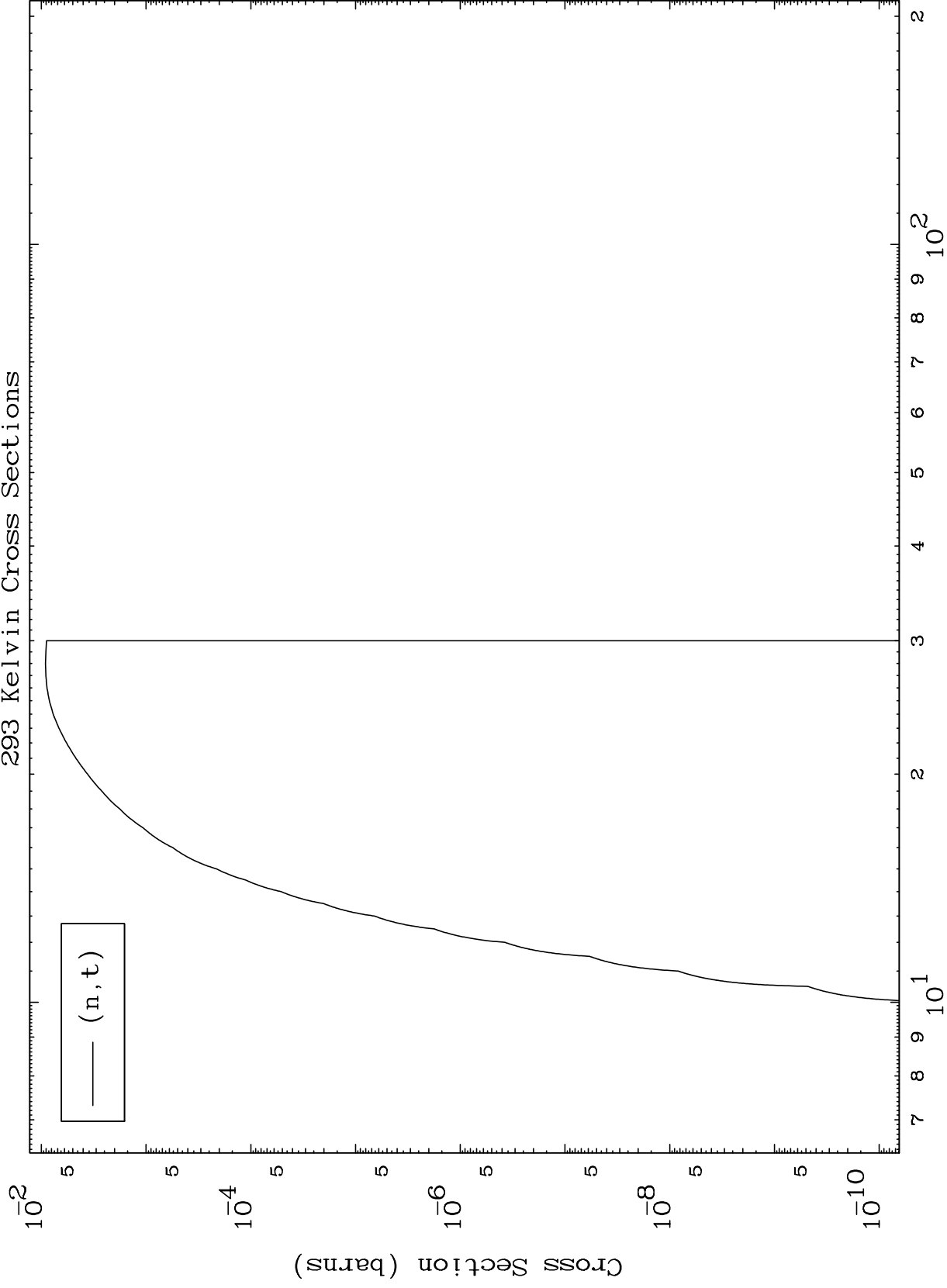
54-Xe-129



MAT 5440

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-129



12

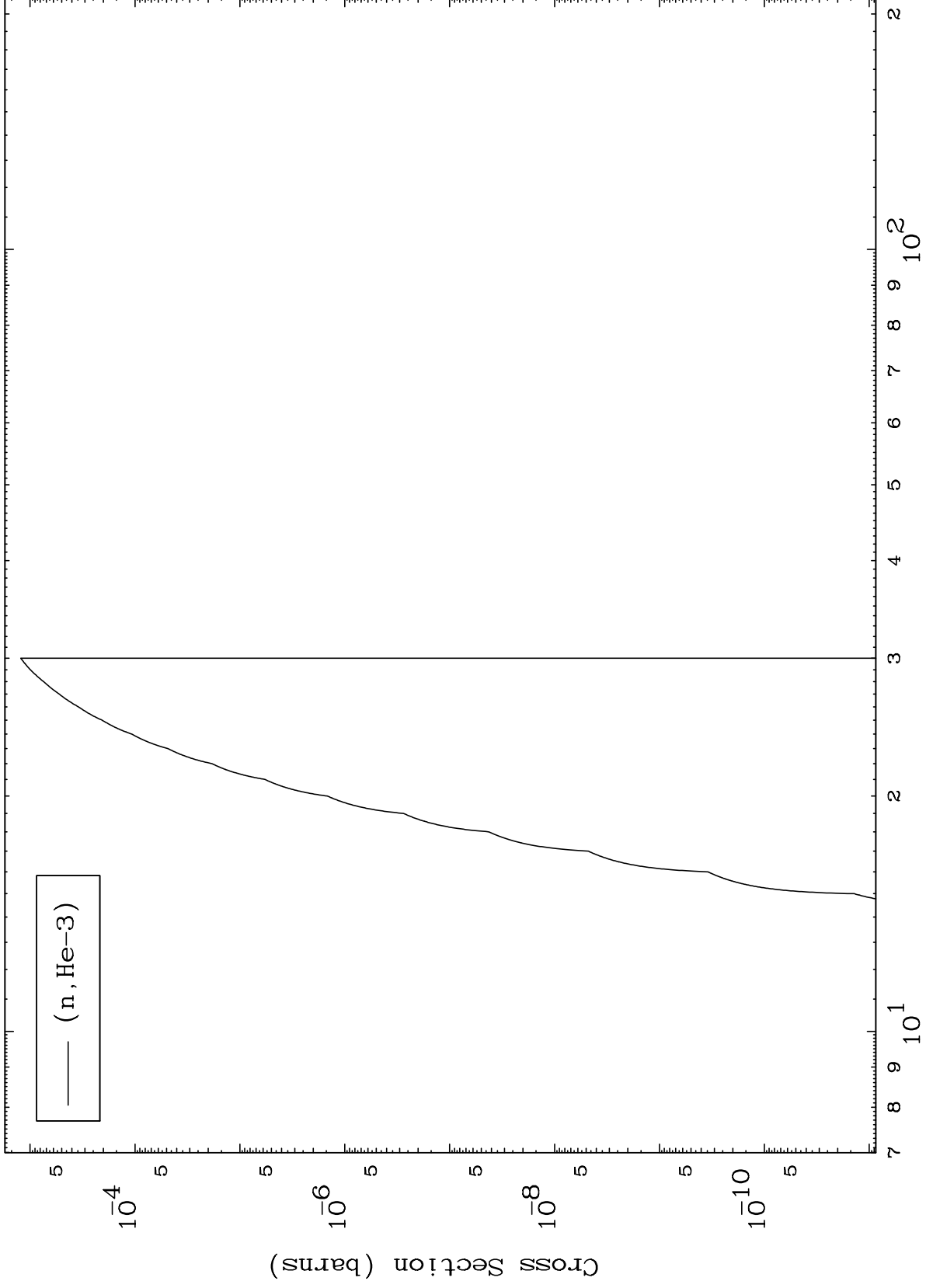
Incident Energy (MeV)

54-Xe-129

MAT 5440

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-129



13

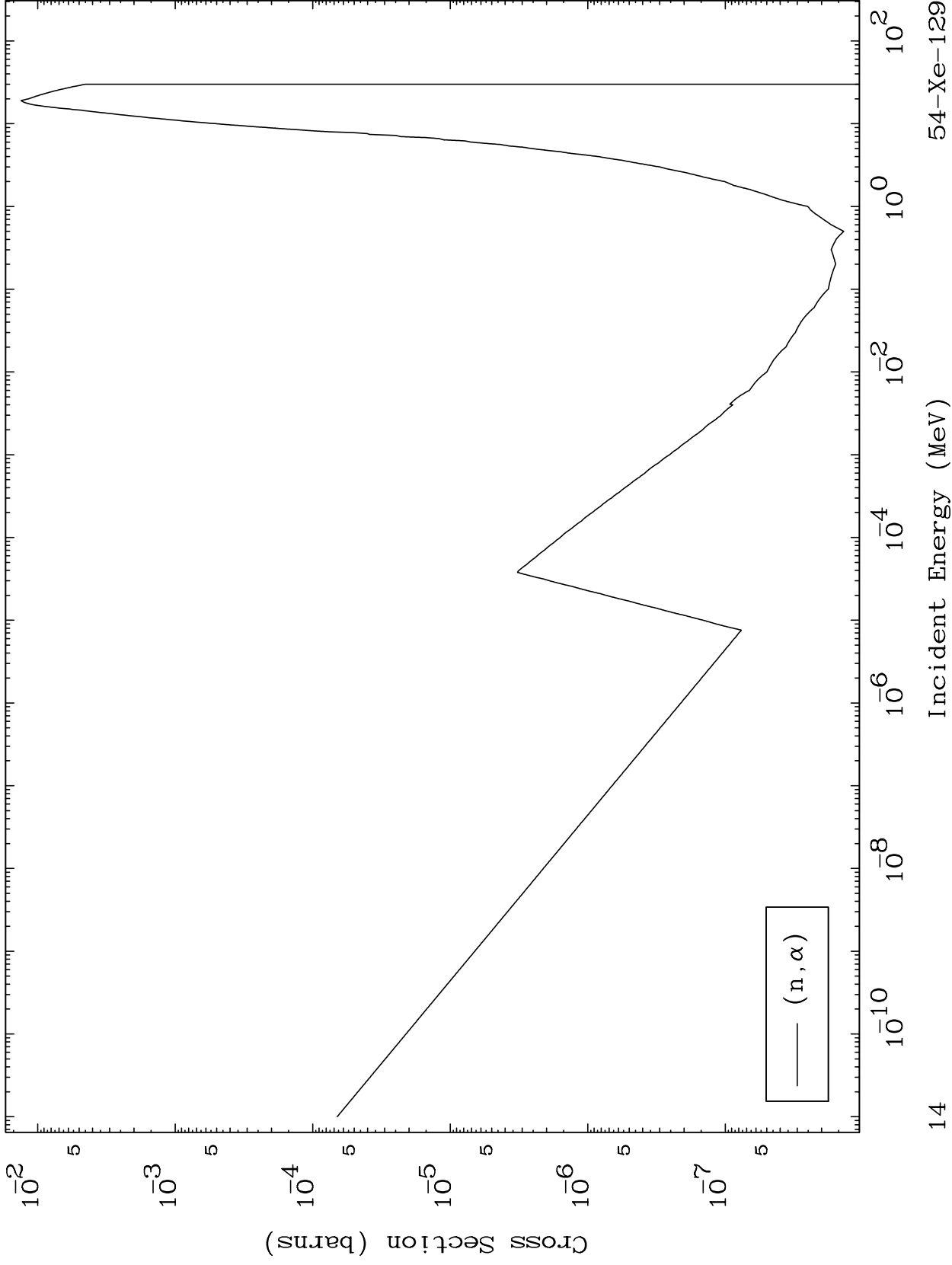
Incident Energy (MeV)

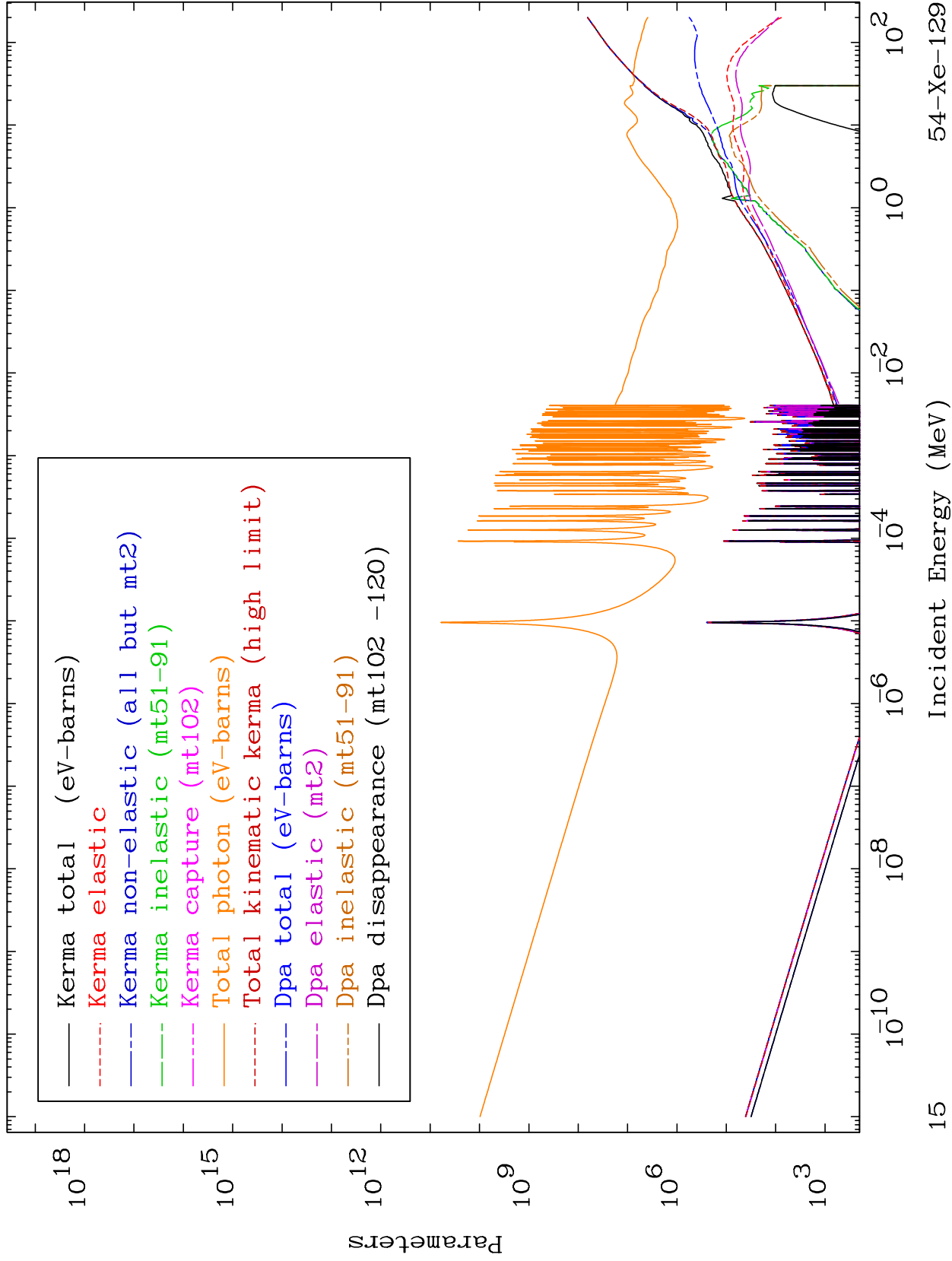
54-Xe-129

MAT 5440

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-129

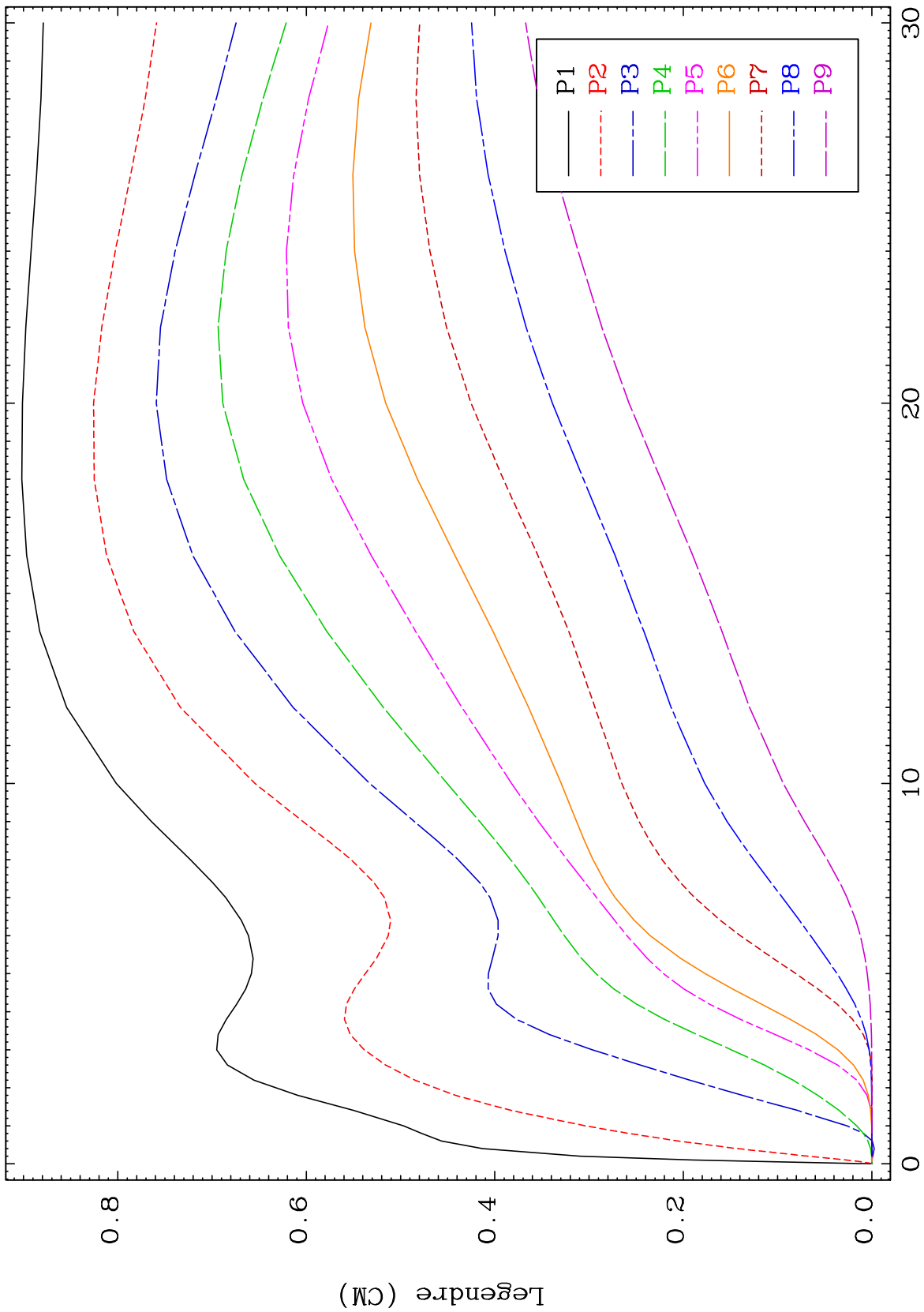




MAT 5440

54-Xe-129

Elastic Legendre Coefficients



54-Xe-129

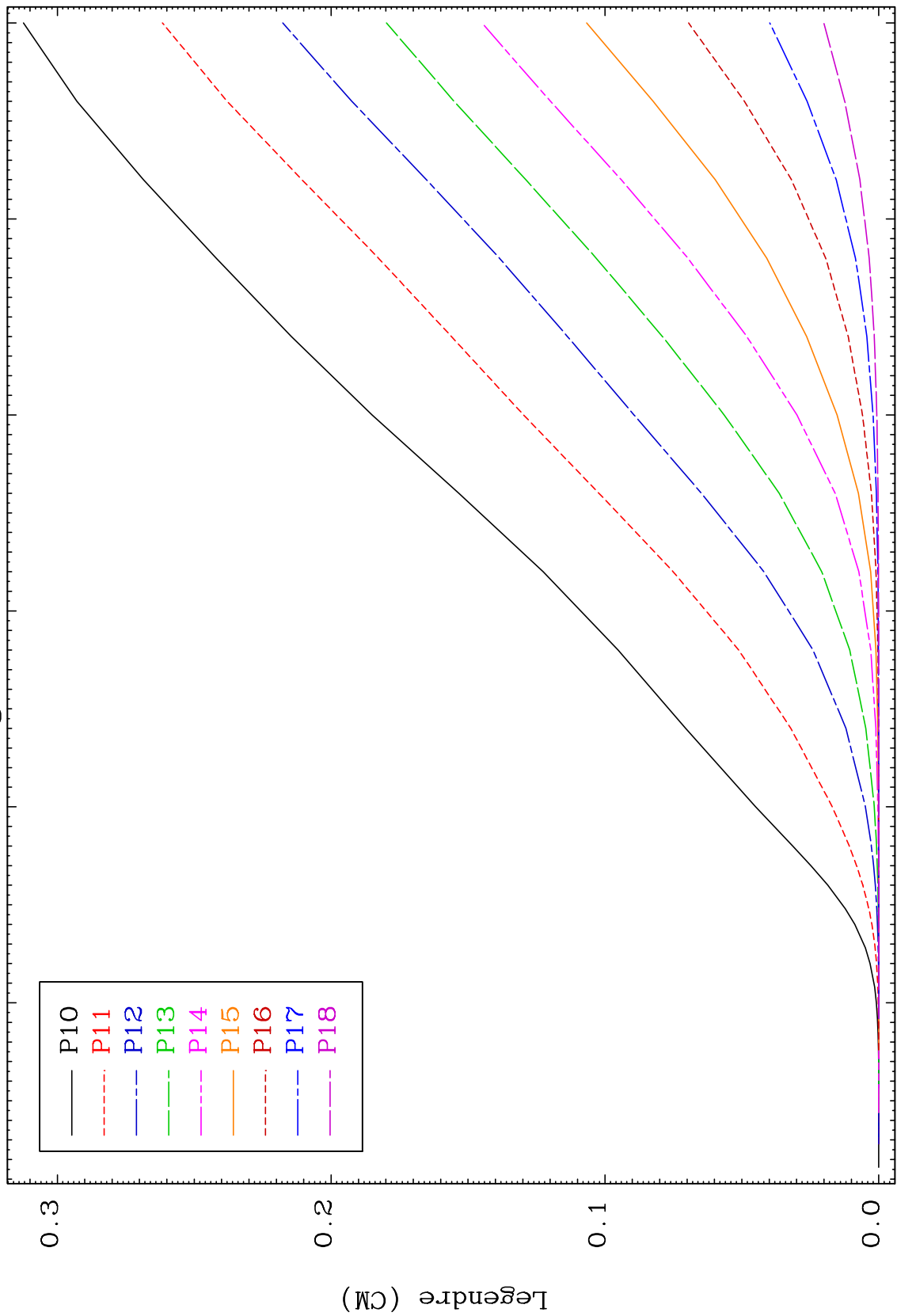
Incident Energy (MeV)

16

MAT 5440

Elastic Legendre Coefficients

54-Xe-129



17

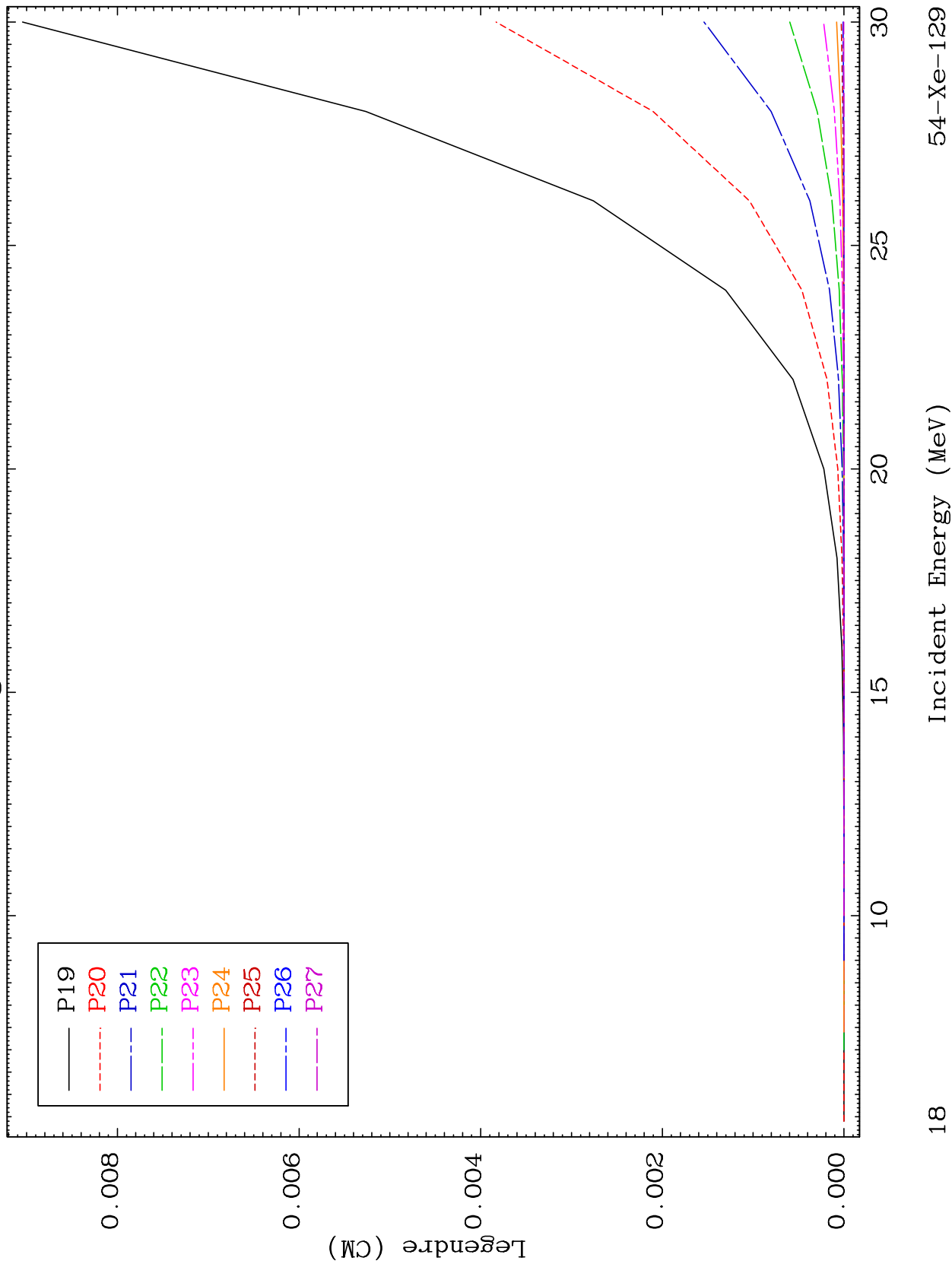
Incident Energy (MeV)

54-Xe-129

MAT 5440

Elastic Legendre Coefficients

54-Xe-129



18

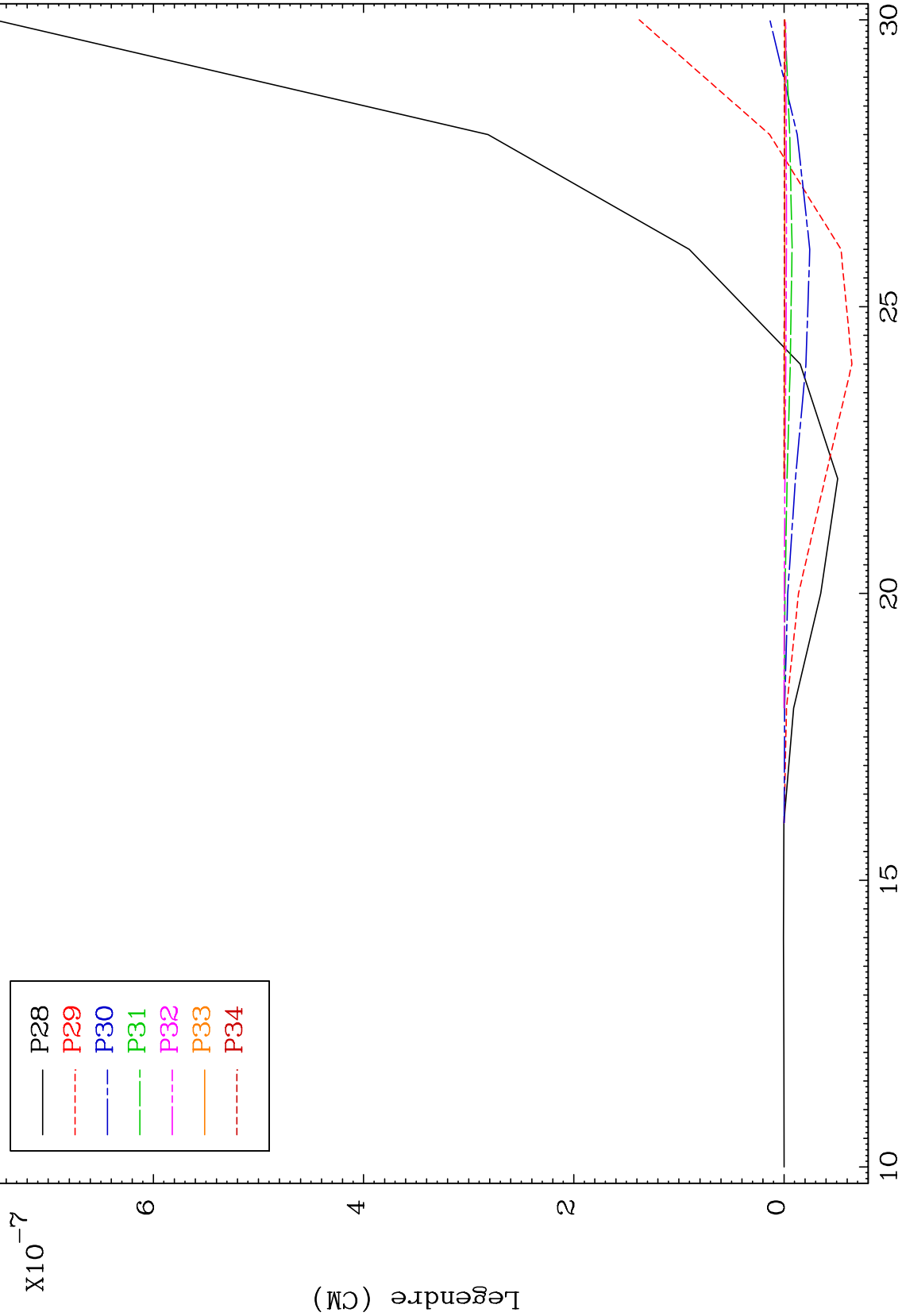
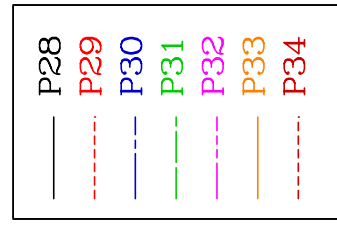
Incident Energy (MeV)

54-Xe-129

MAT 5440

Elastic
Legendre Coefficients

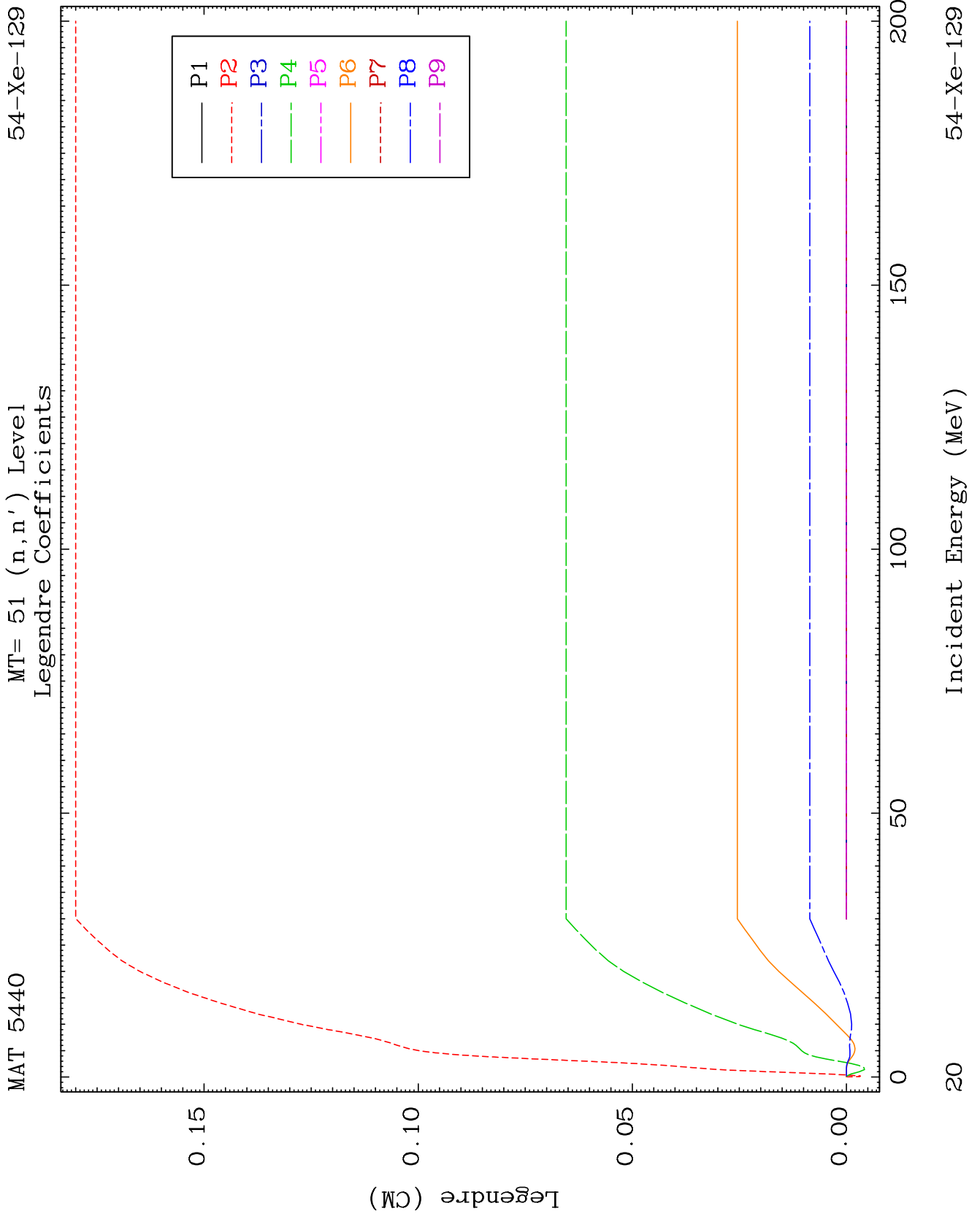
54-Xe-129

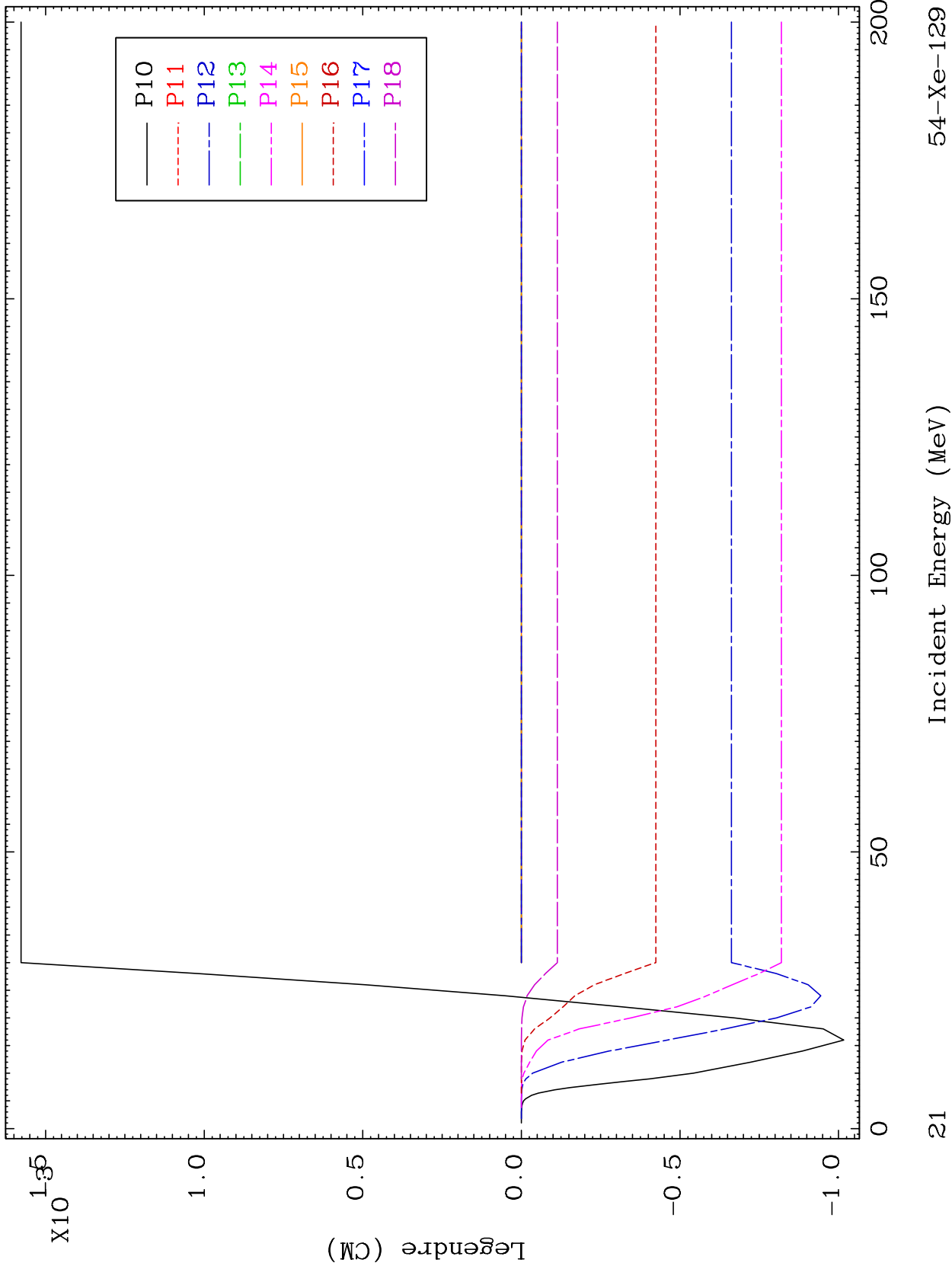


19

Incident Energy (MeV)

54-Xe-129

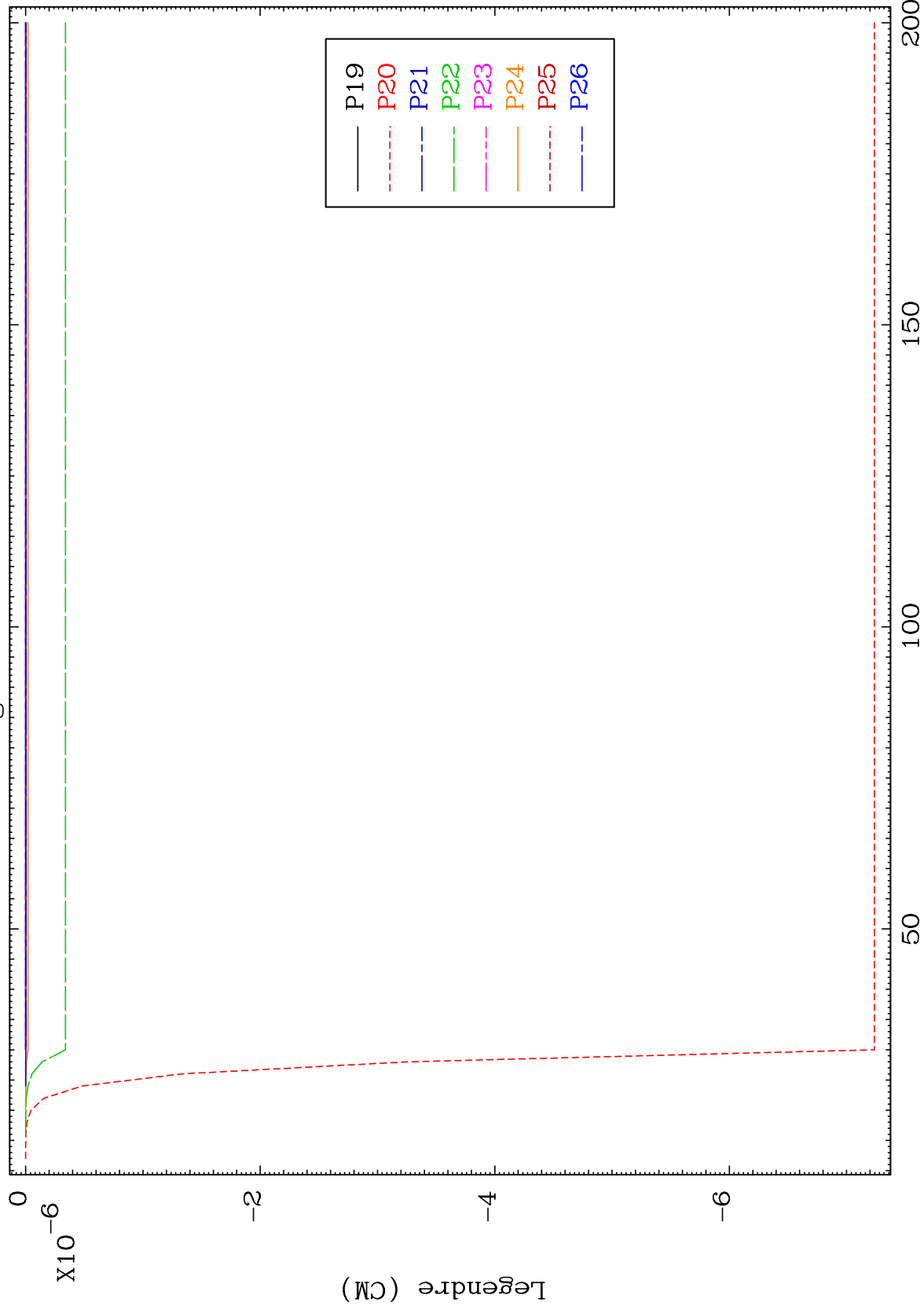




MAT 5440

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

54-Xe-129



54-Xe-129

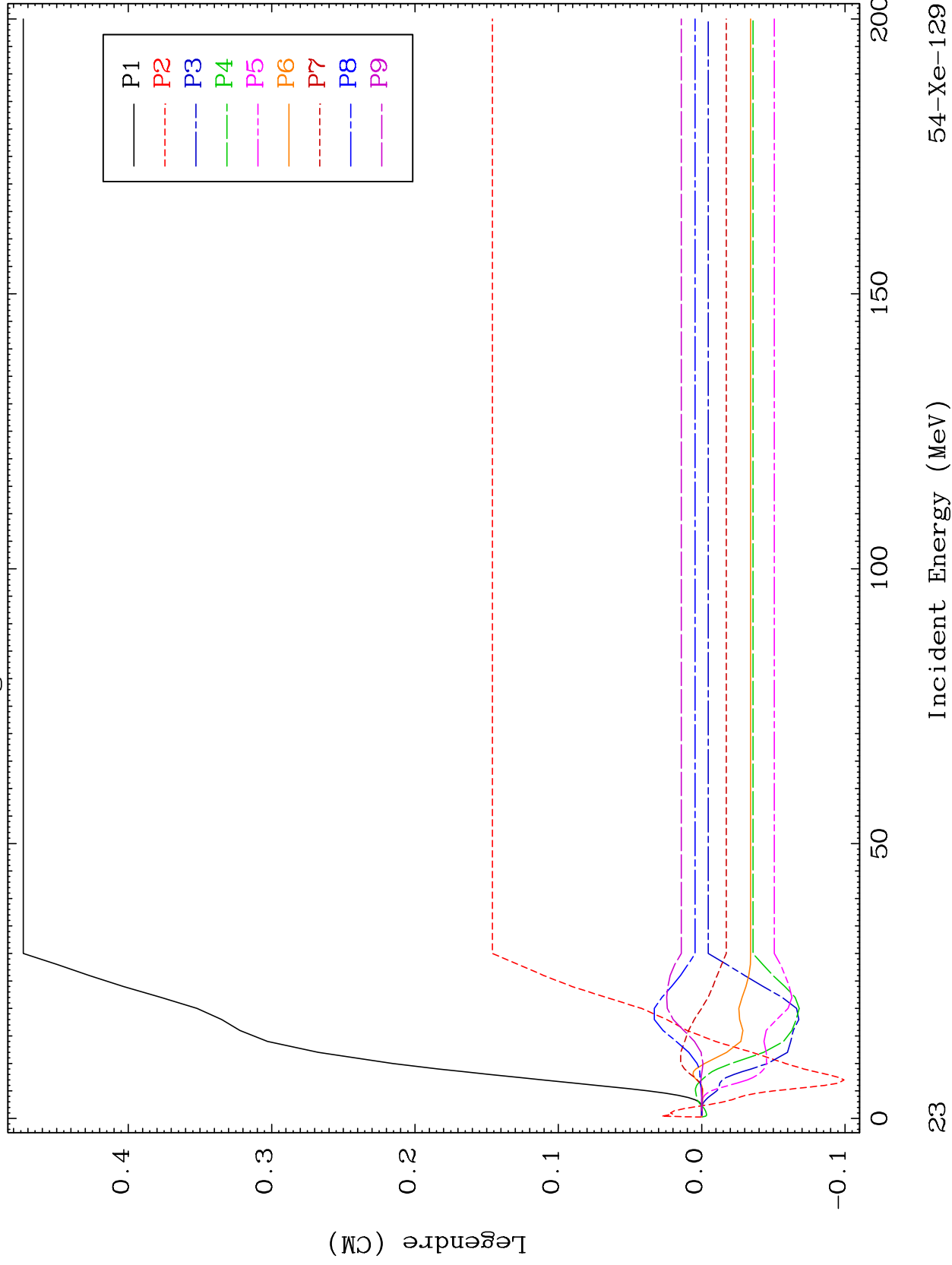
Incident Energy (MeV)

22

MAT 5440

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

54-Xe-129



54-Xe-129

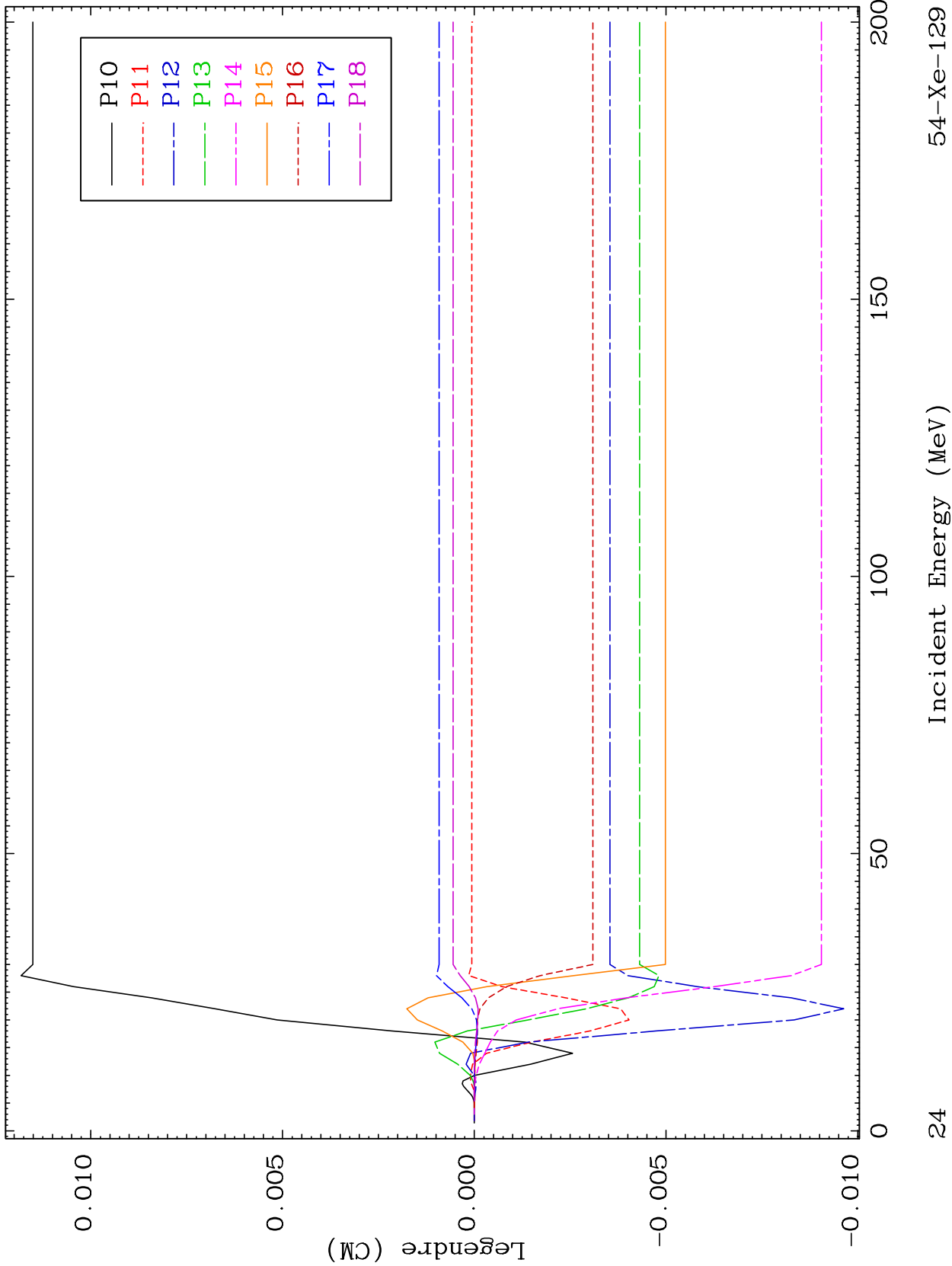
Incident Energy (MeV)

23

MAT 5440

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

54-Xe-129



24

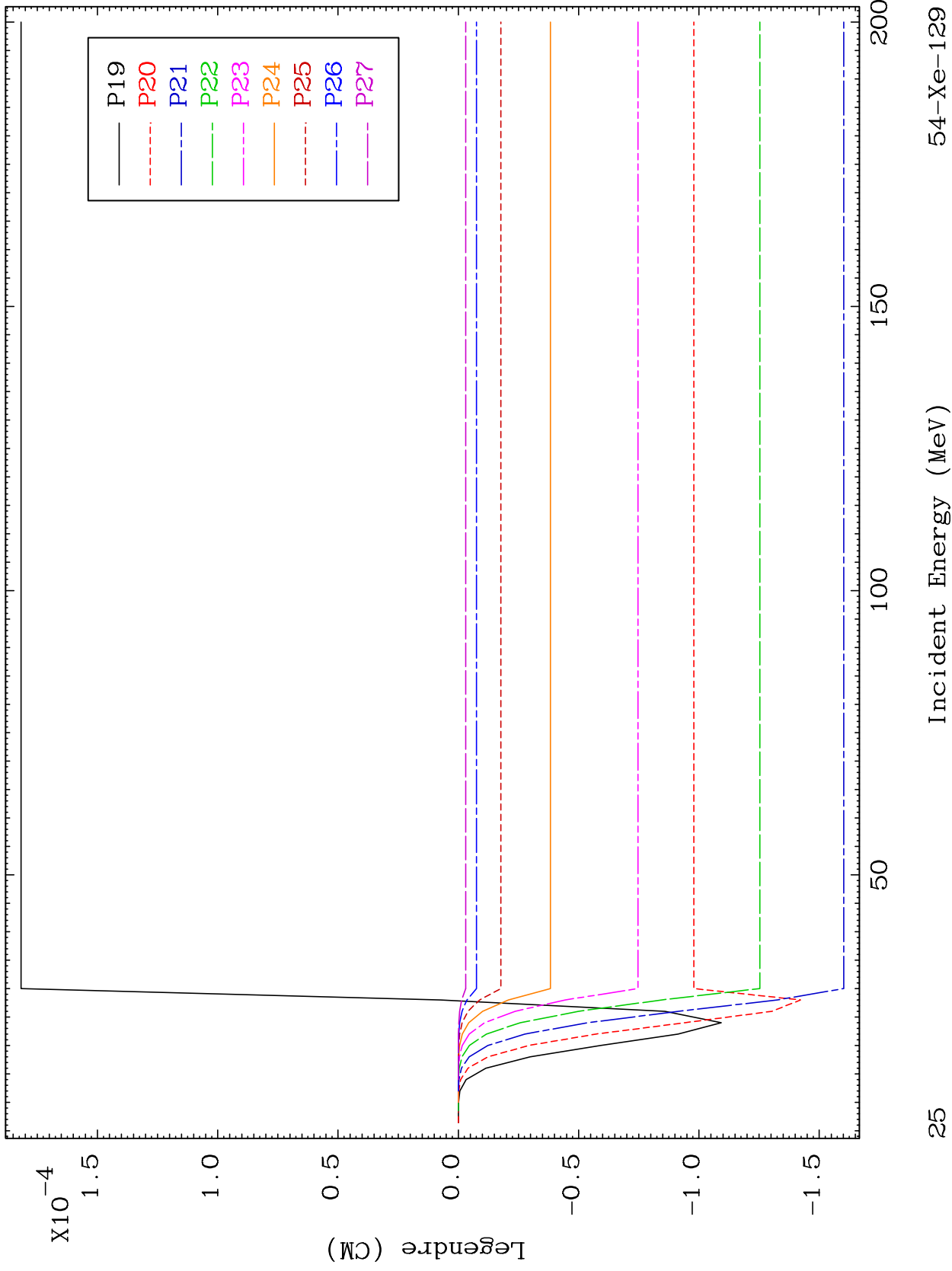
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

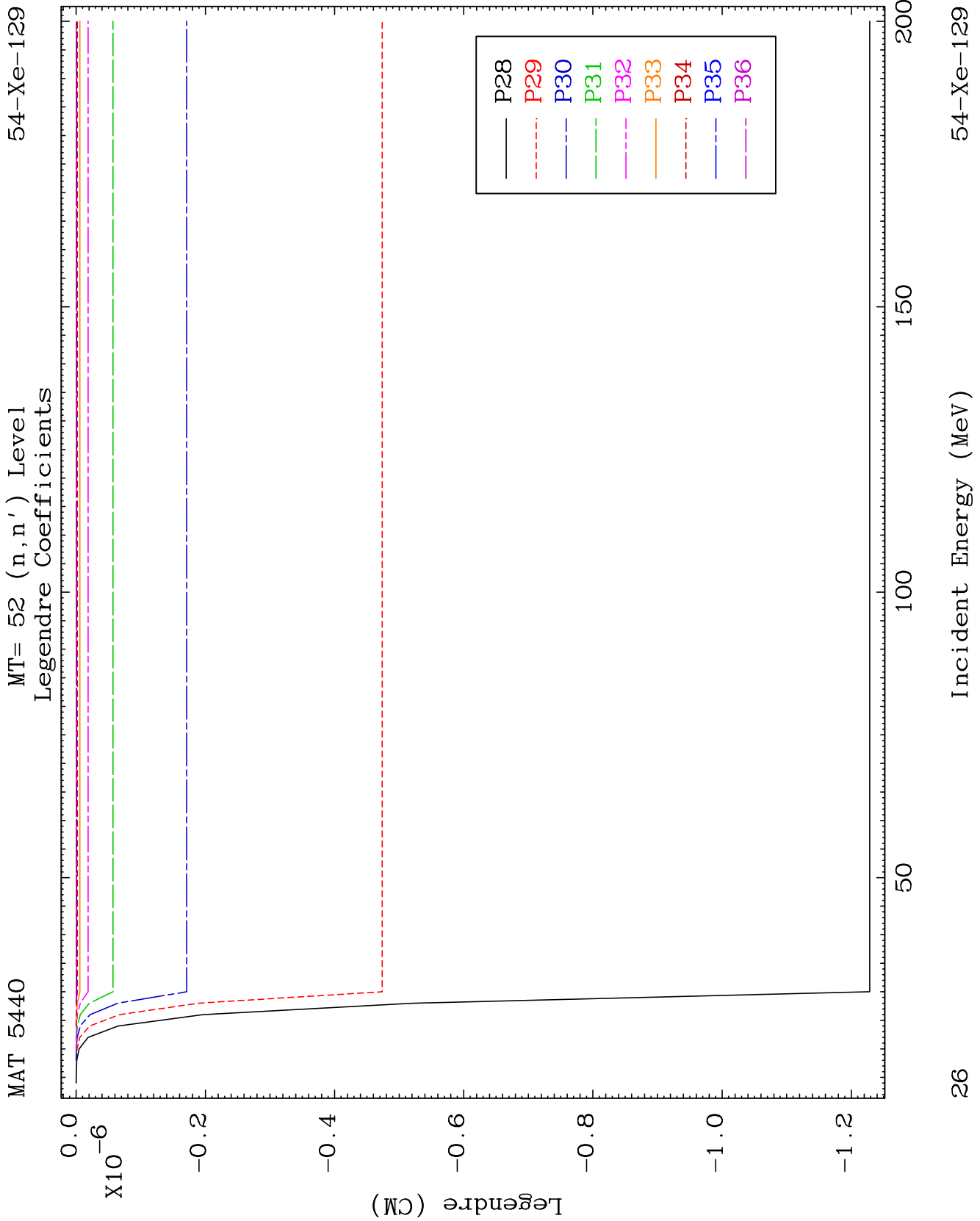
54-Xe-129



25

Incident Energy (MeV)

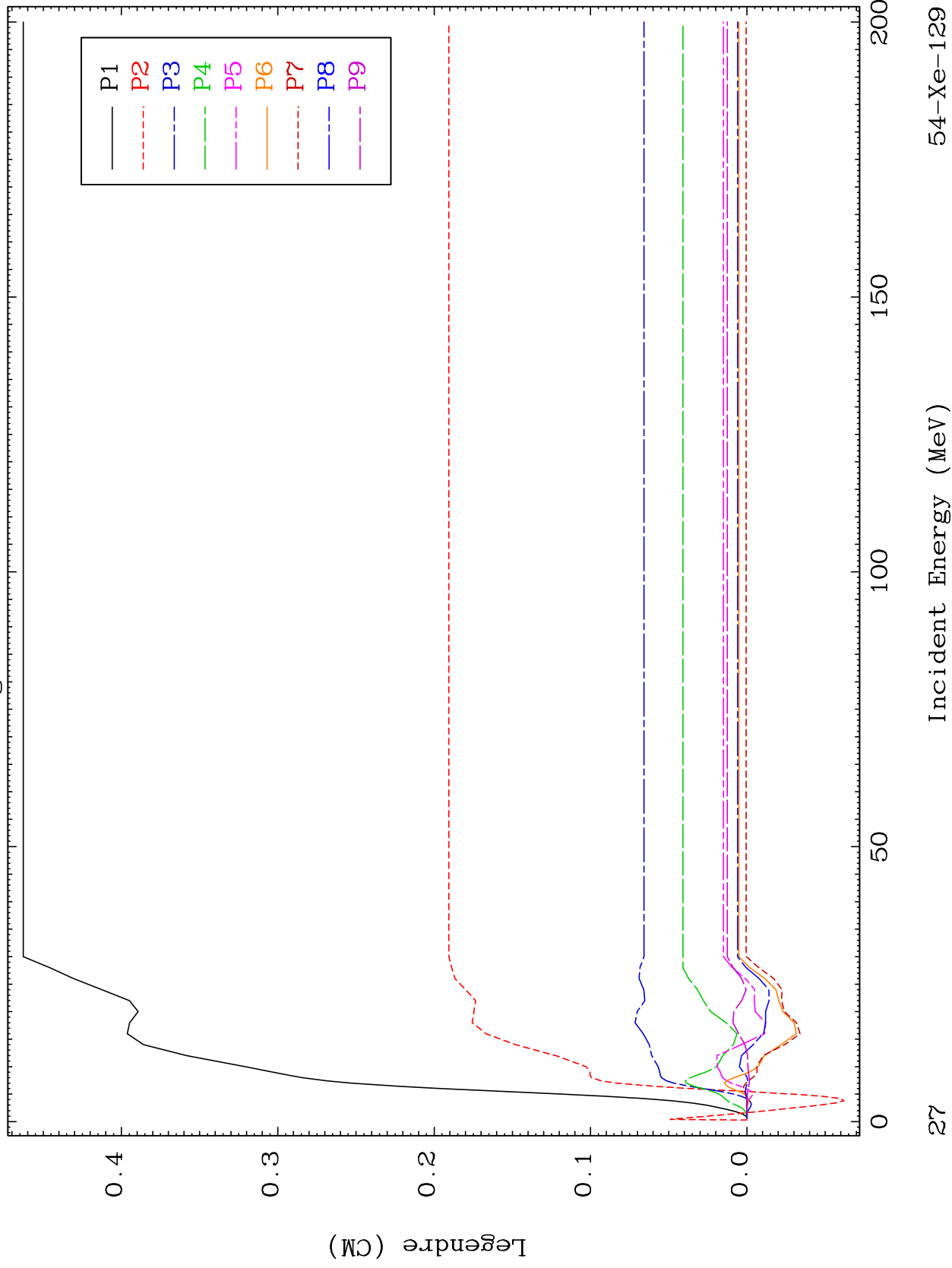
54-Xe-129



MAT 5440

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

54-Xe-129



54-Xe-129

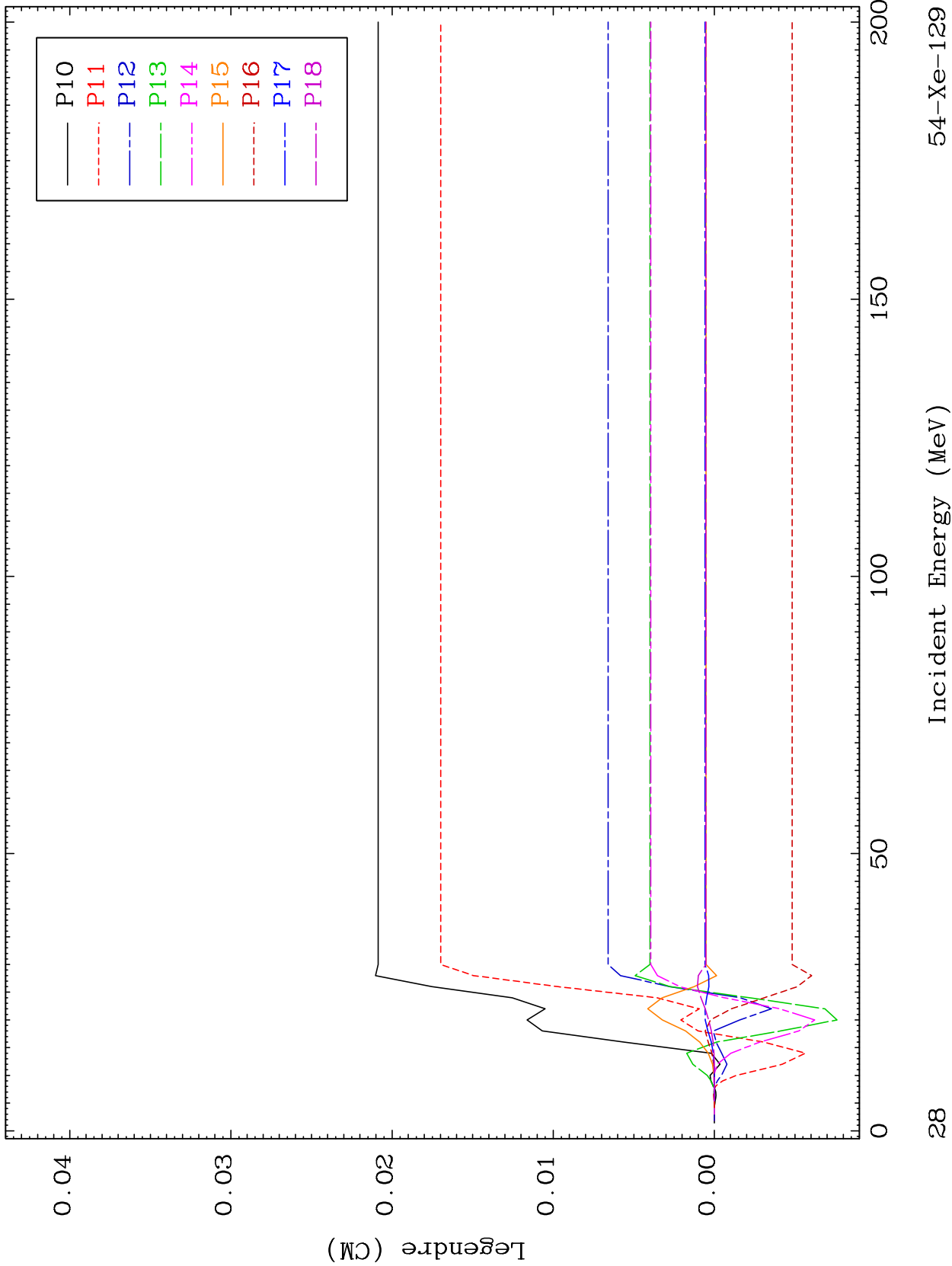
Incident Energy (MeV)

27

MAT 5440

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

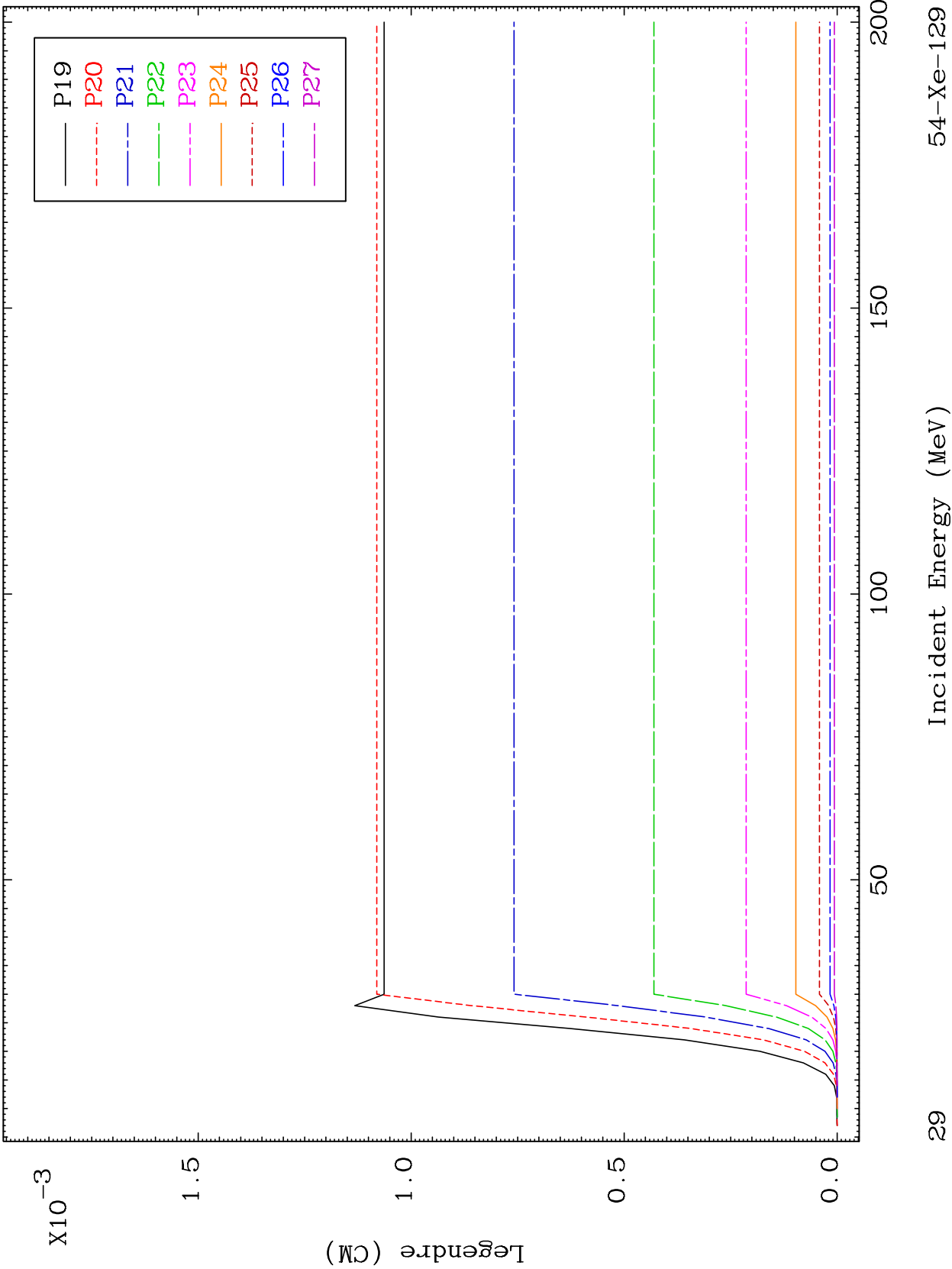
54-Xe-129



54-Xe-129

Incident Energy (MeV)

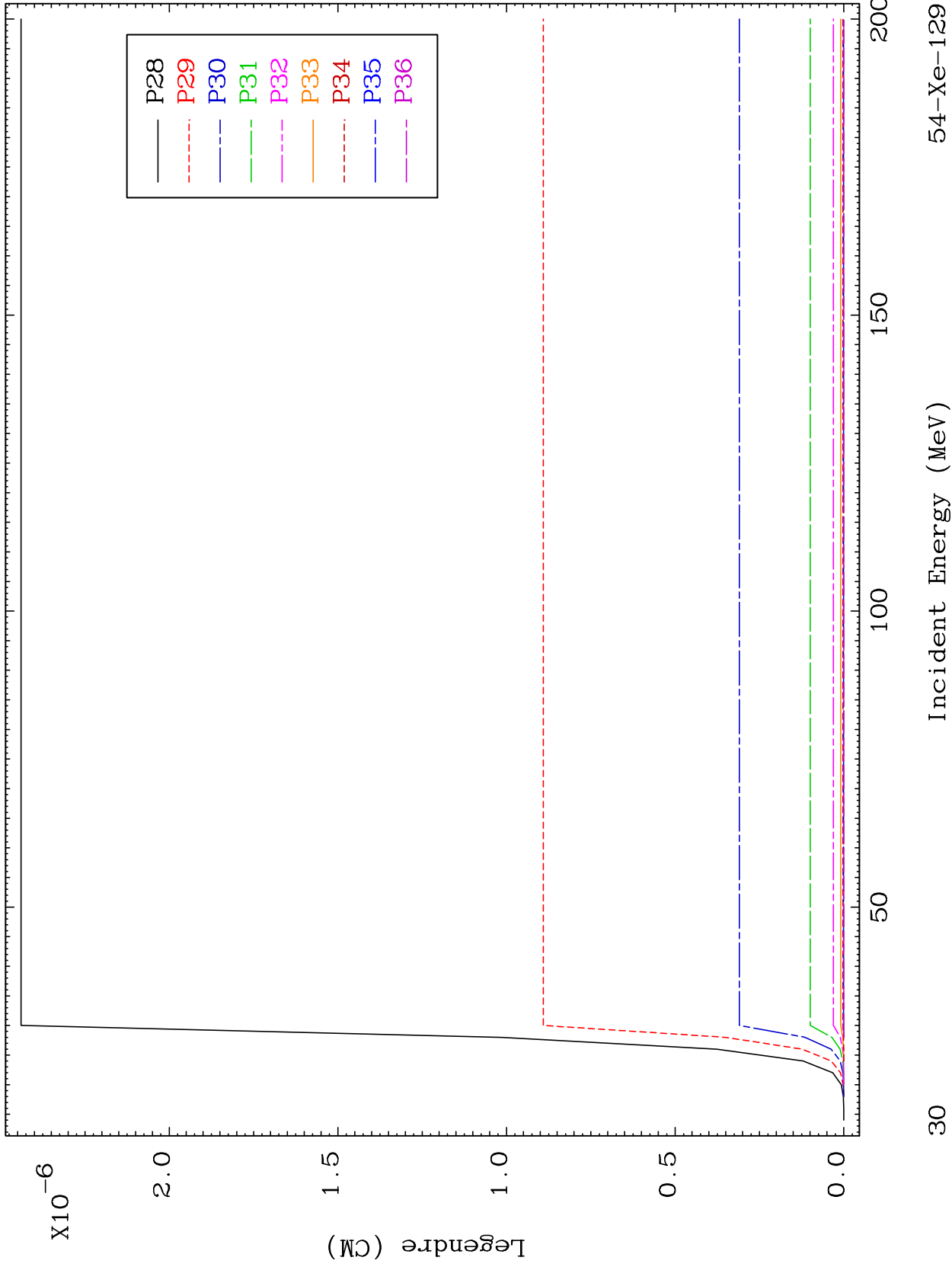
28



MAT 5440

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

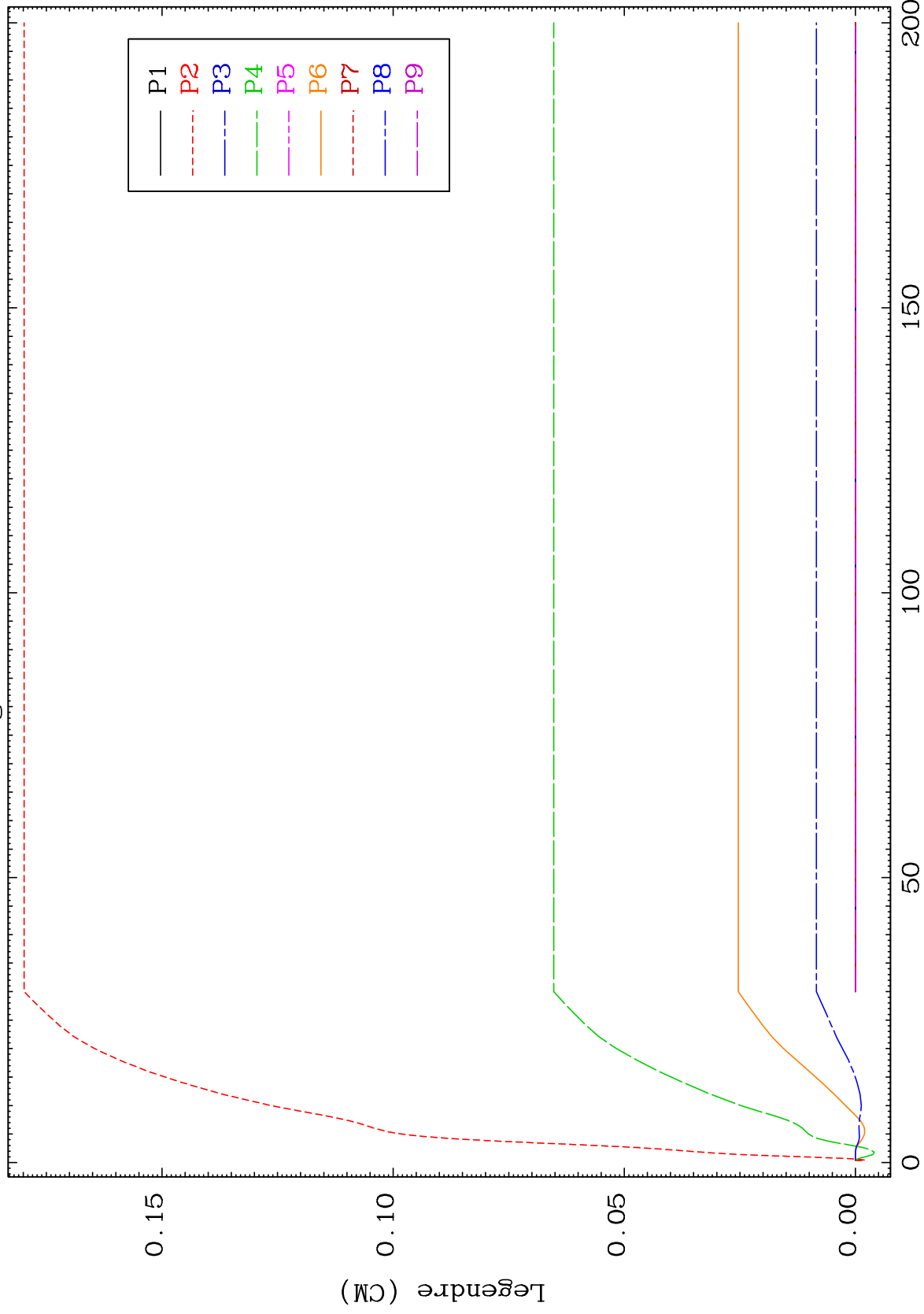
54-Xe-129



MAT 5440

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

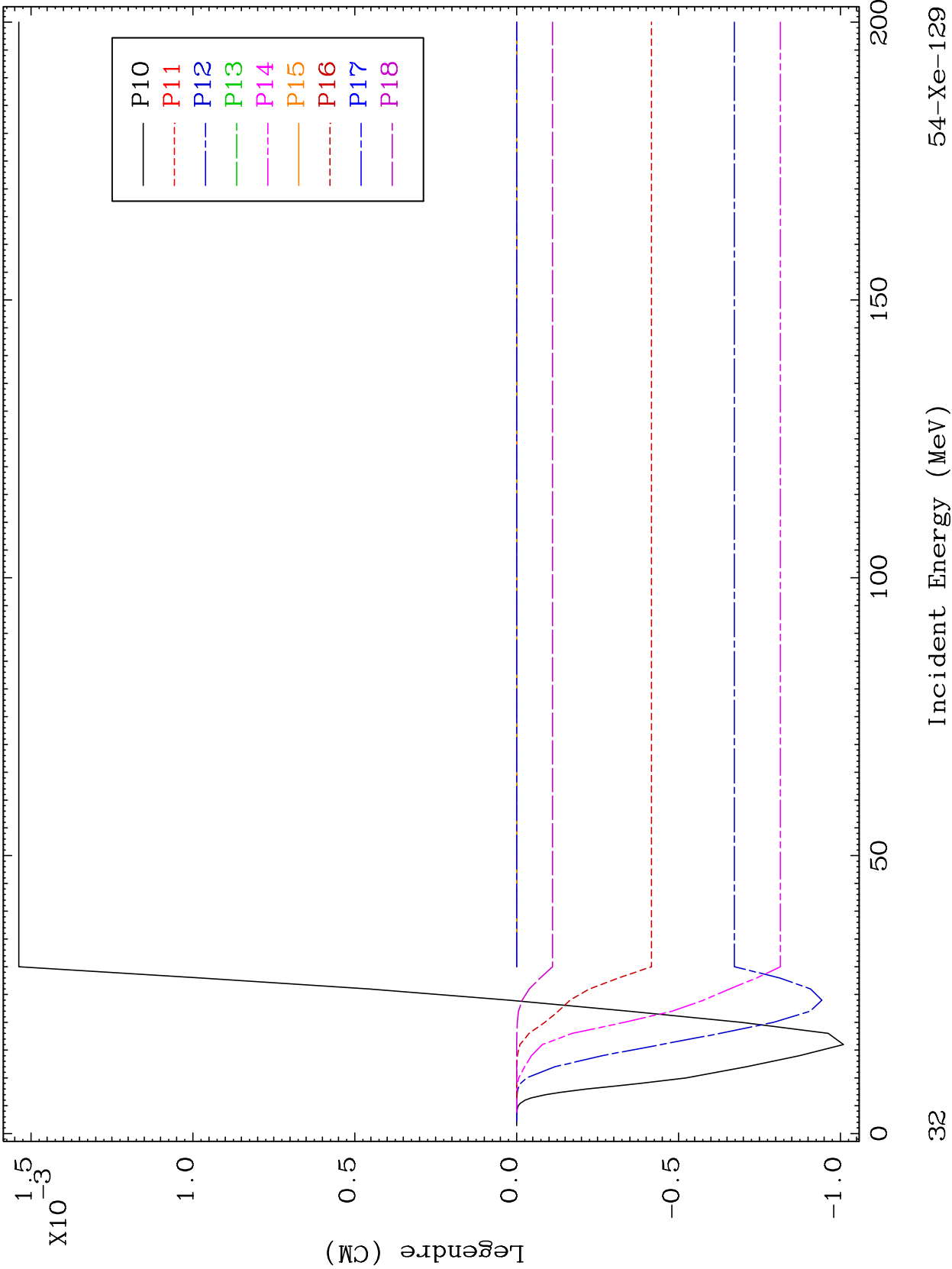
54-Xe-129

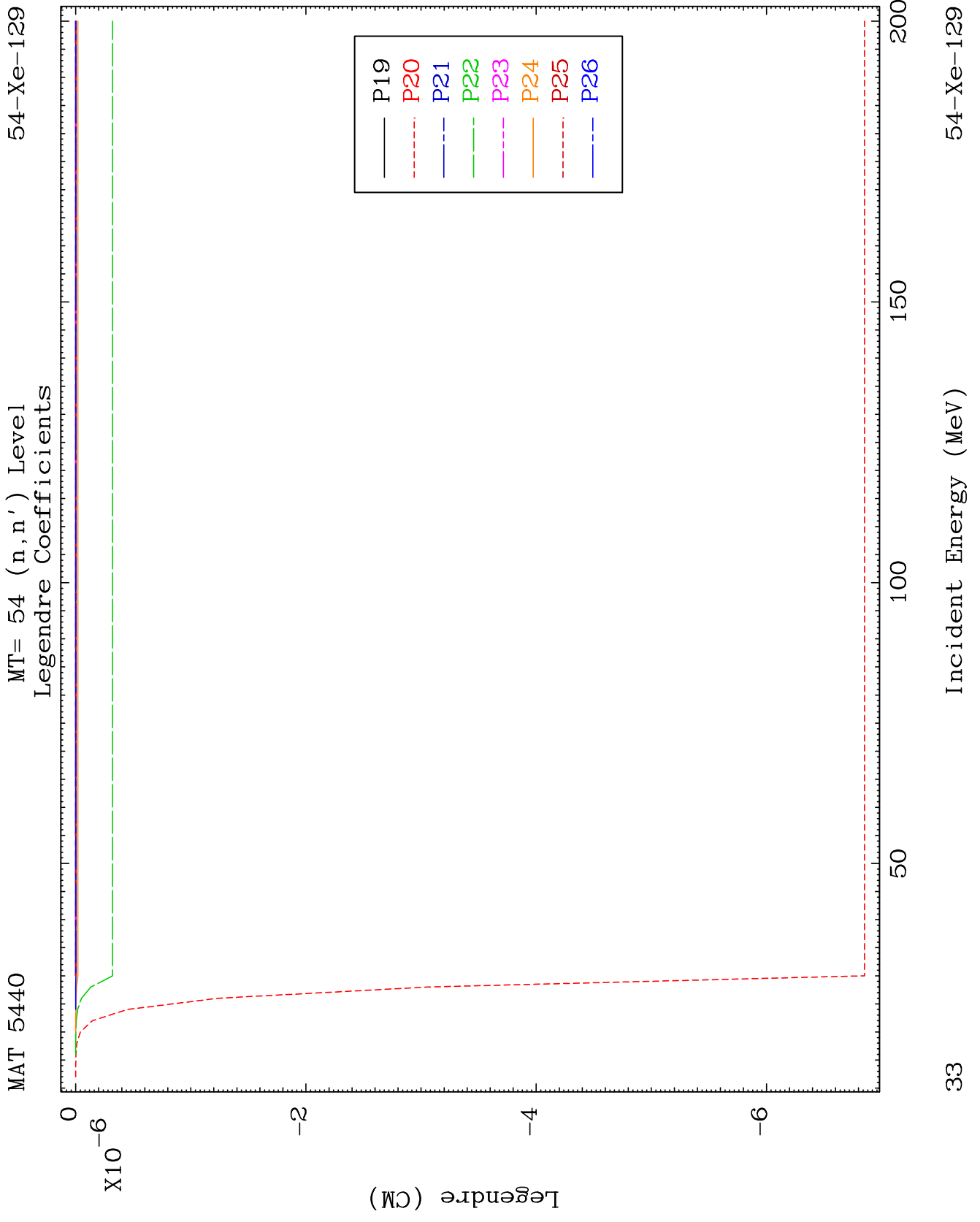


31

Incident Energy (MeV)

54-Xe-129

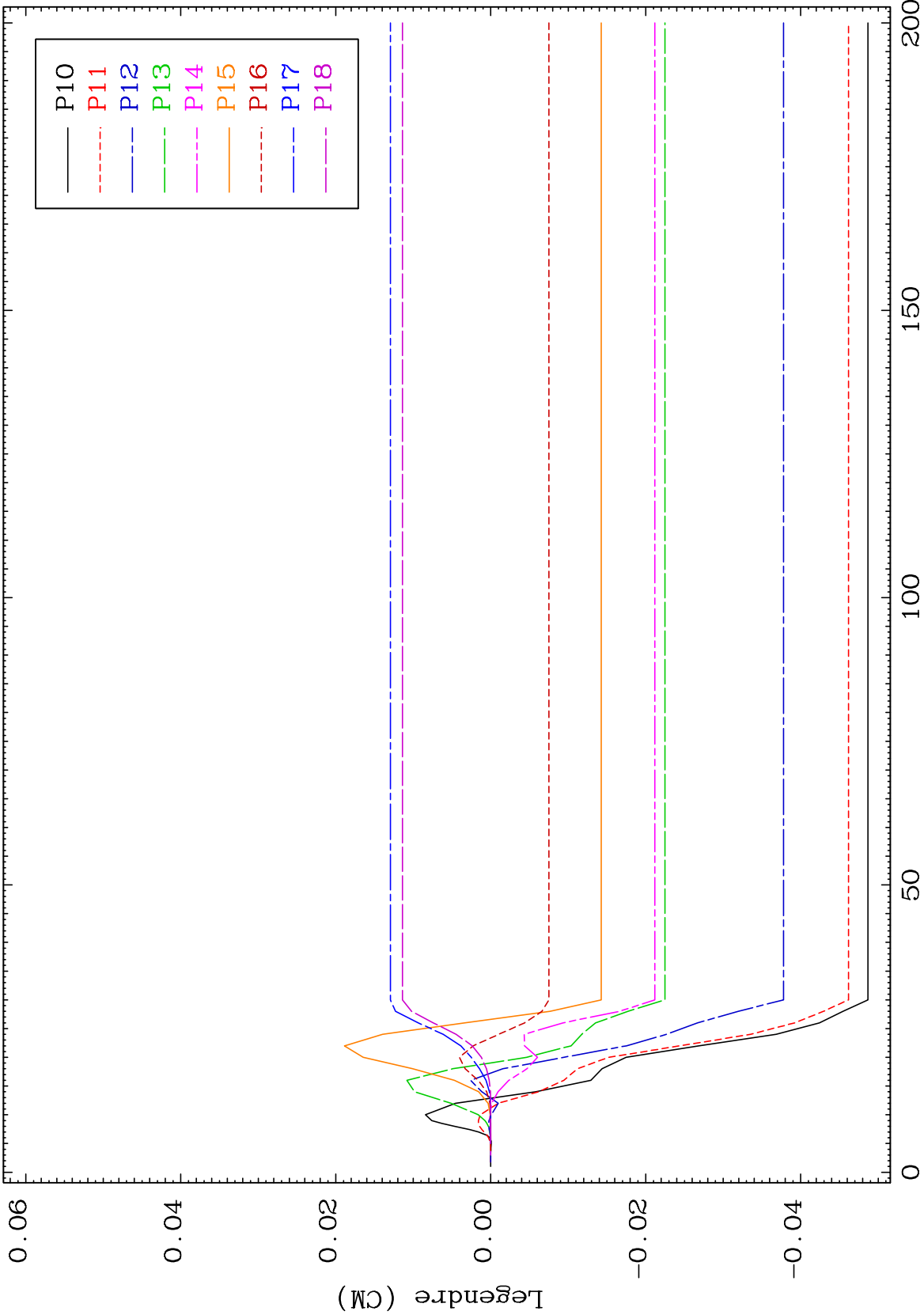




MAT 5440

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

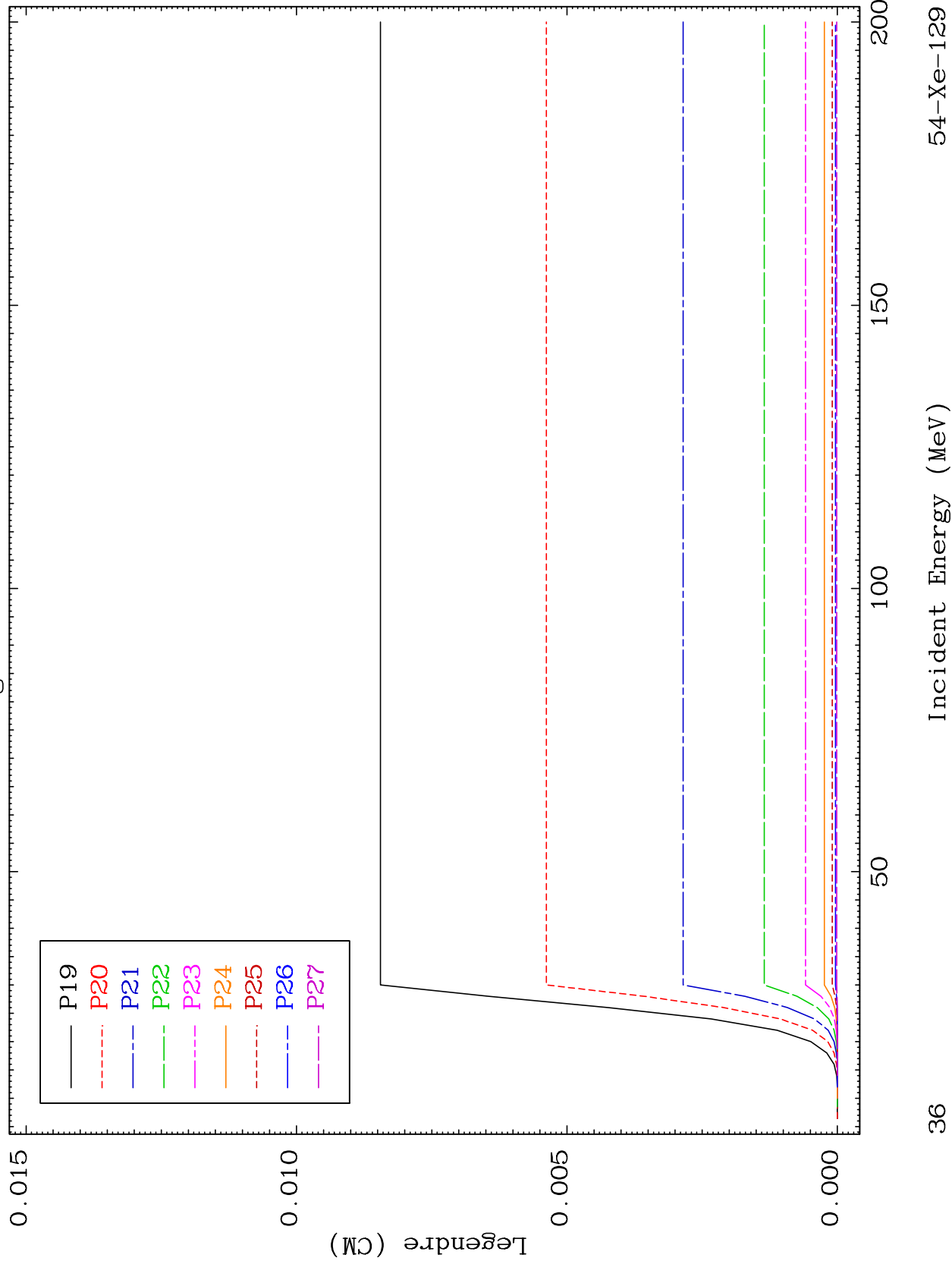
54-Xe-129



35

Incident Energy (MeV)

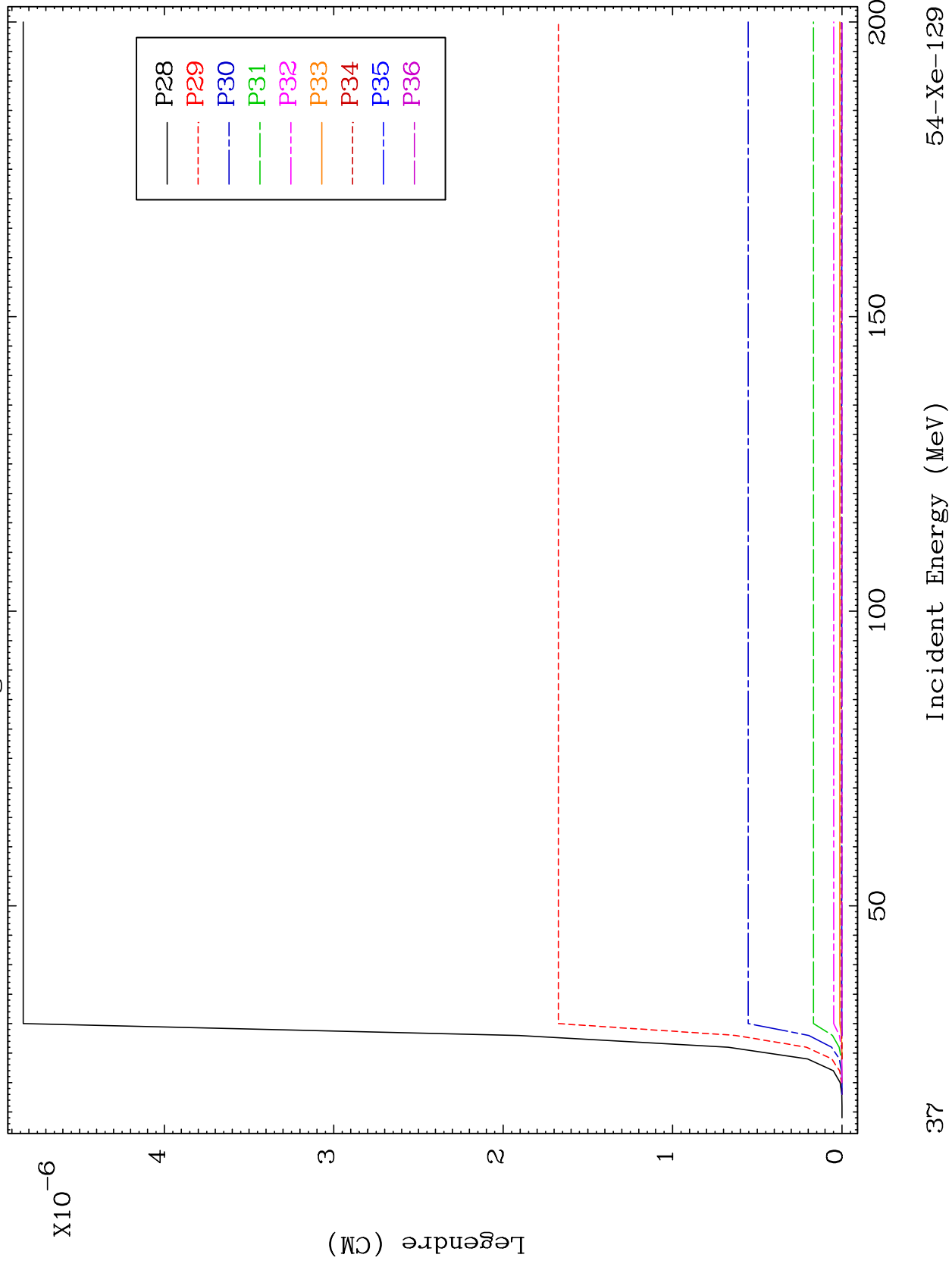
54-Xe-129



MAT 5440

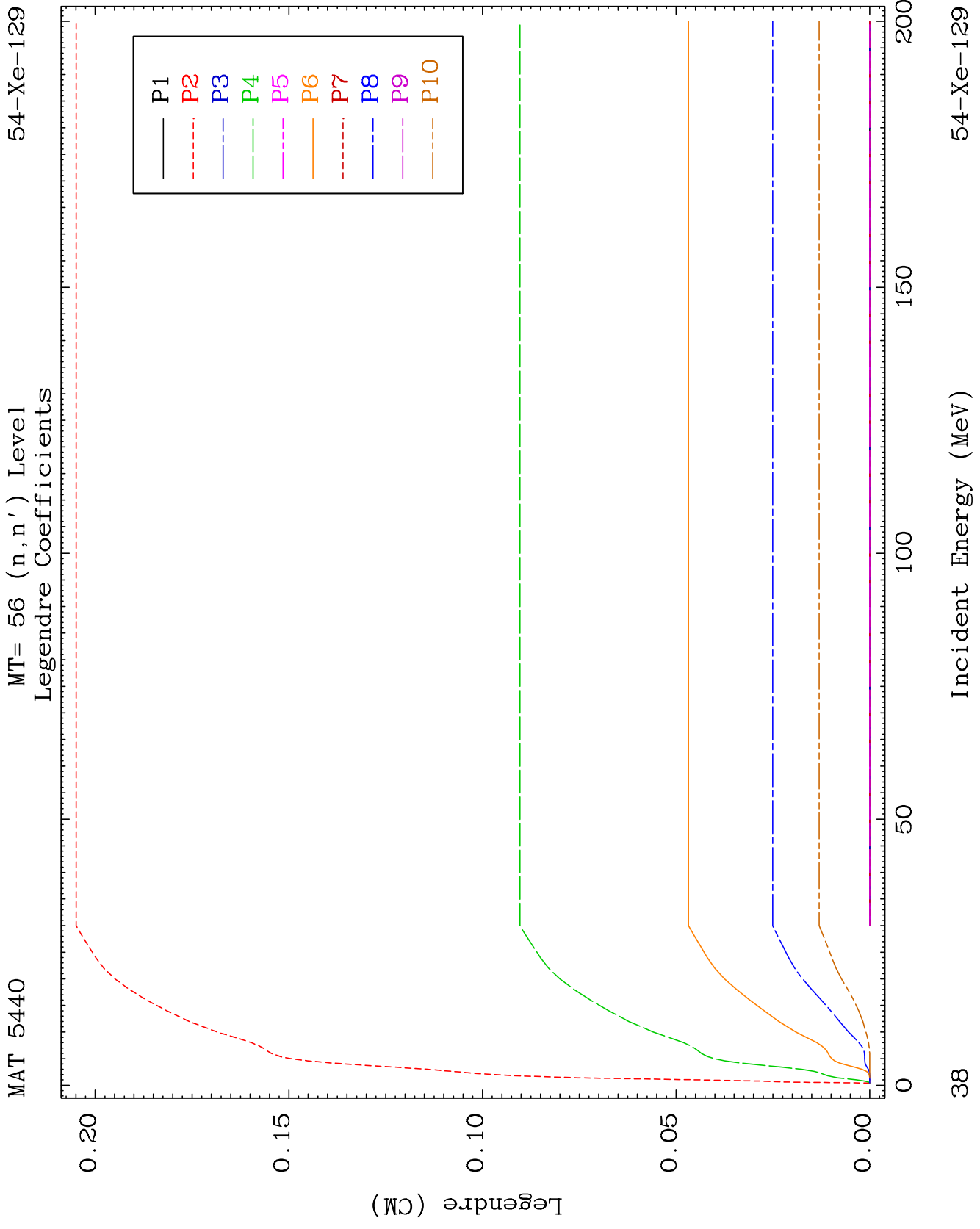
MT= 55 (n,n') Level
Legendre Coefficients

54-Xe-129



37

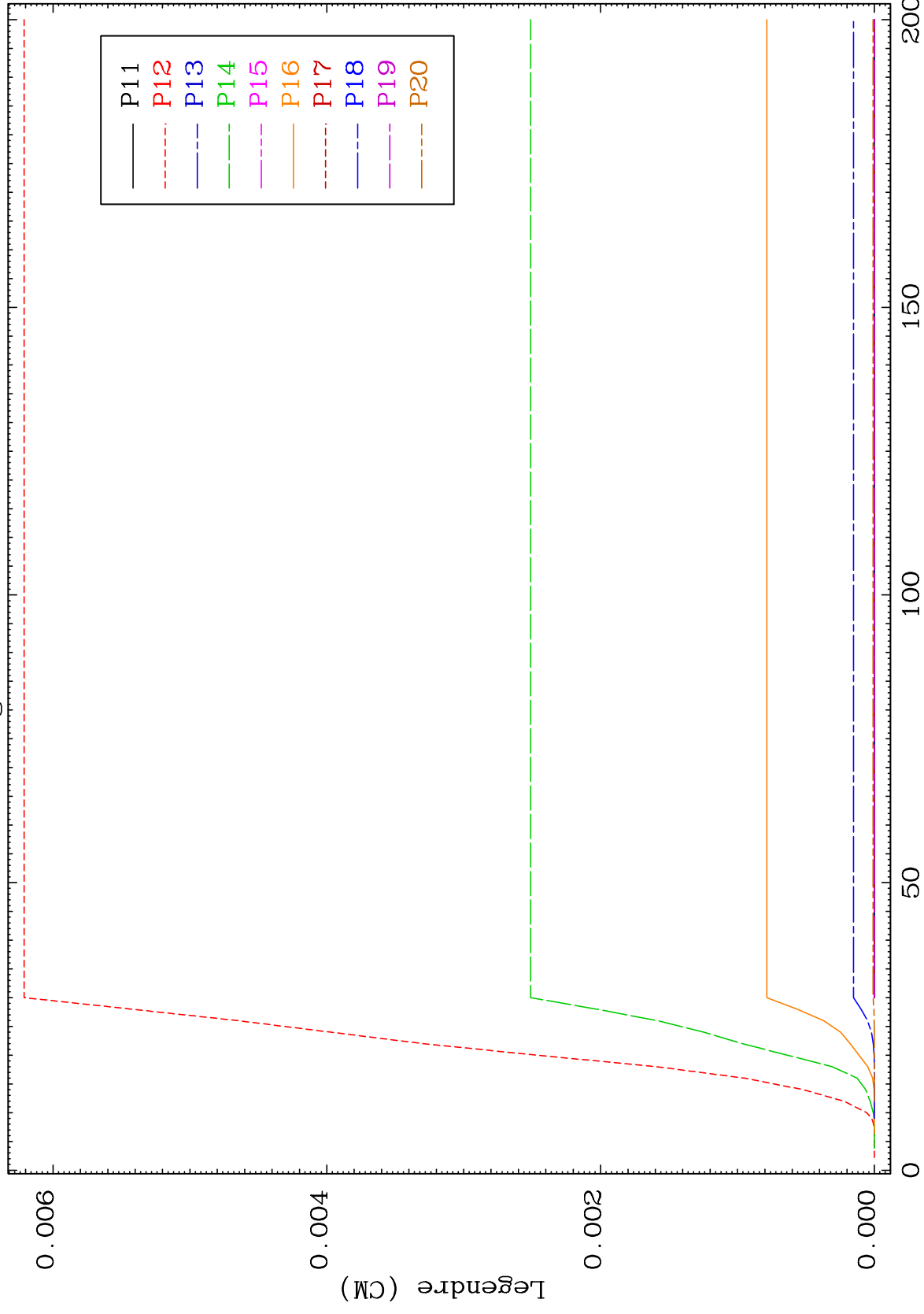
54-Xe-129



MAT 5440

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

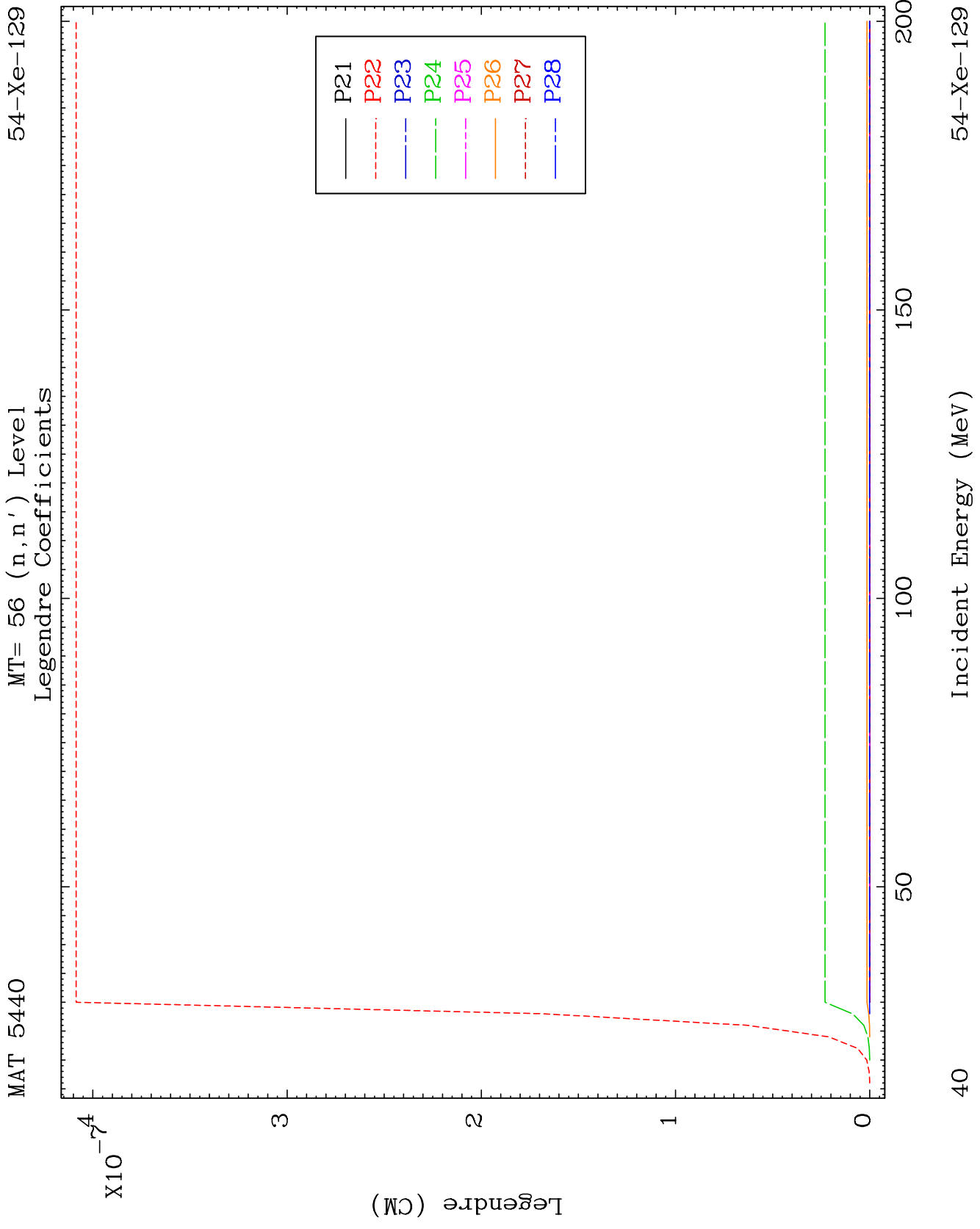
54-Xe-129



39

Incident Energy (MeV)

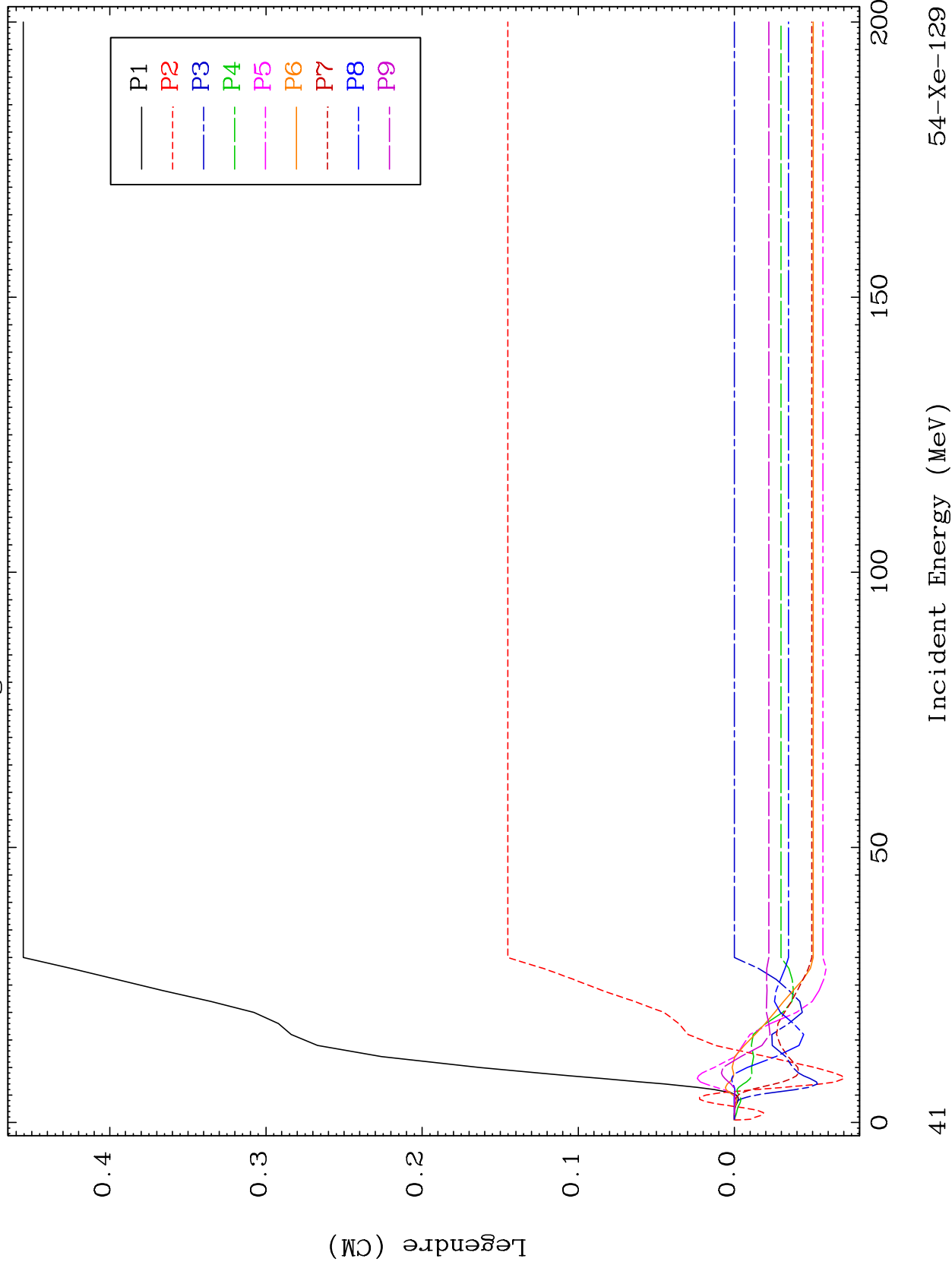
54-Xe-129



MAT 5440

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

54-Xe-129



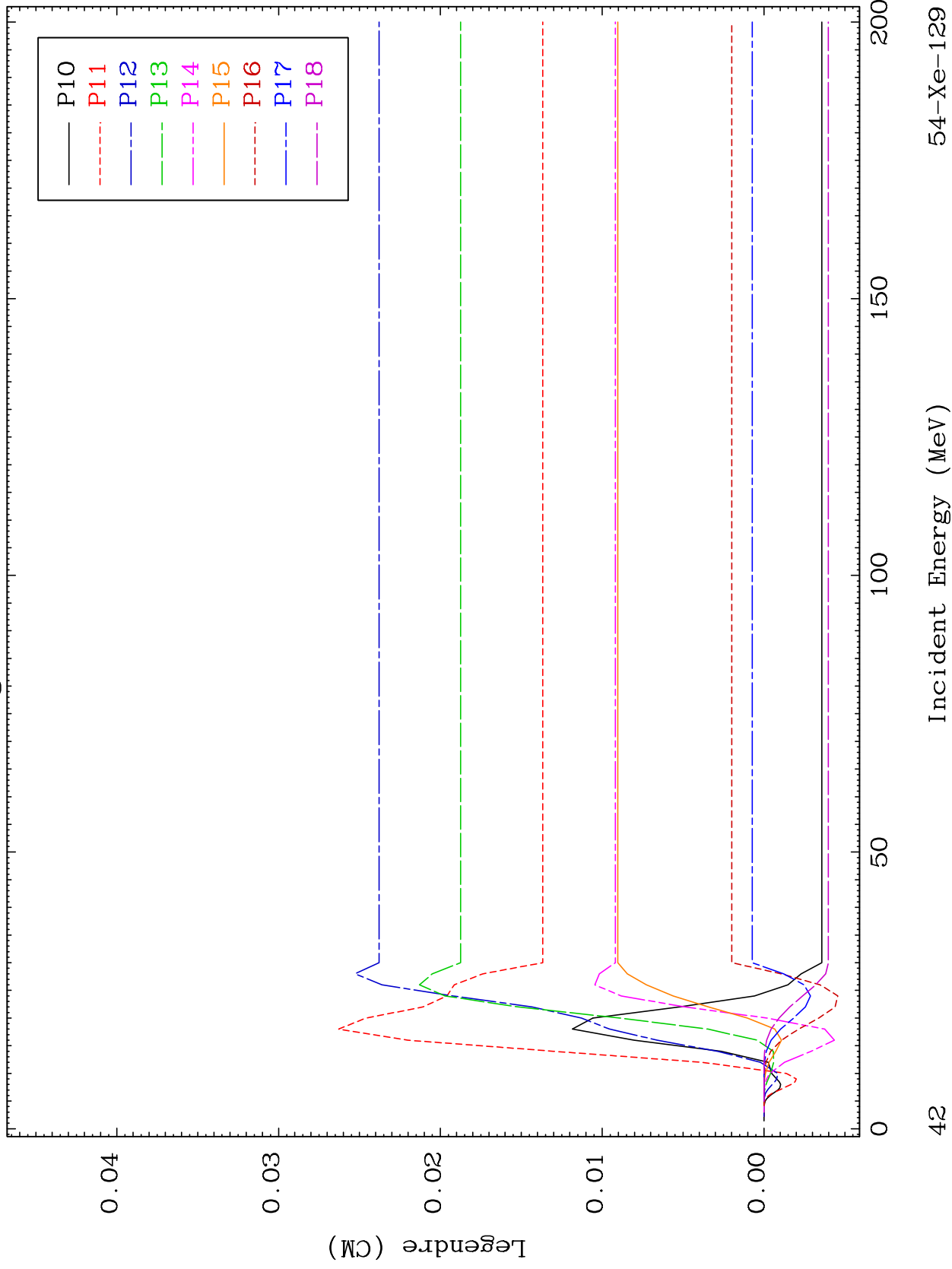
41

54-Xe-129

MAT 5440

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

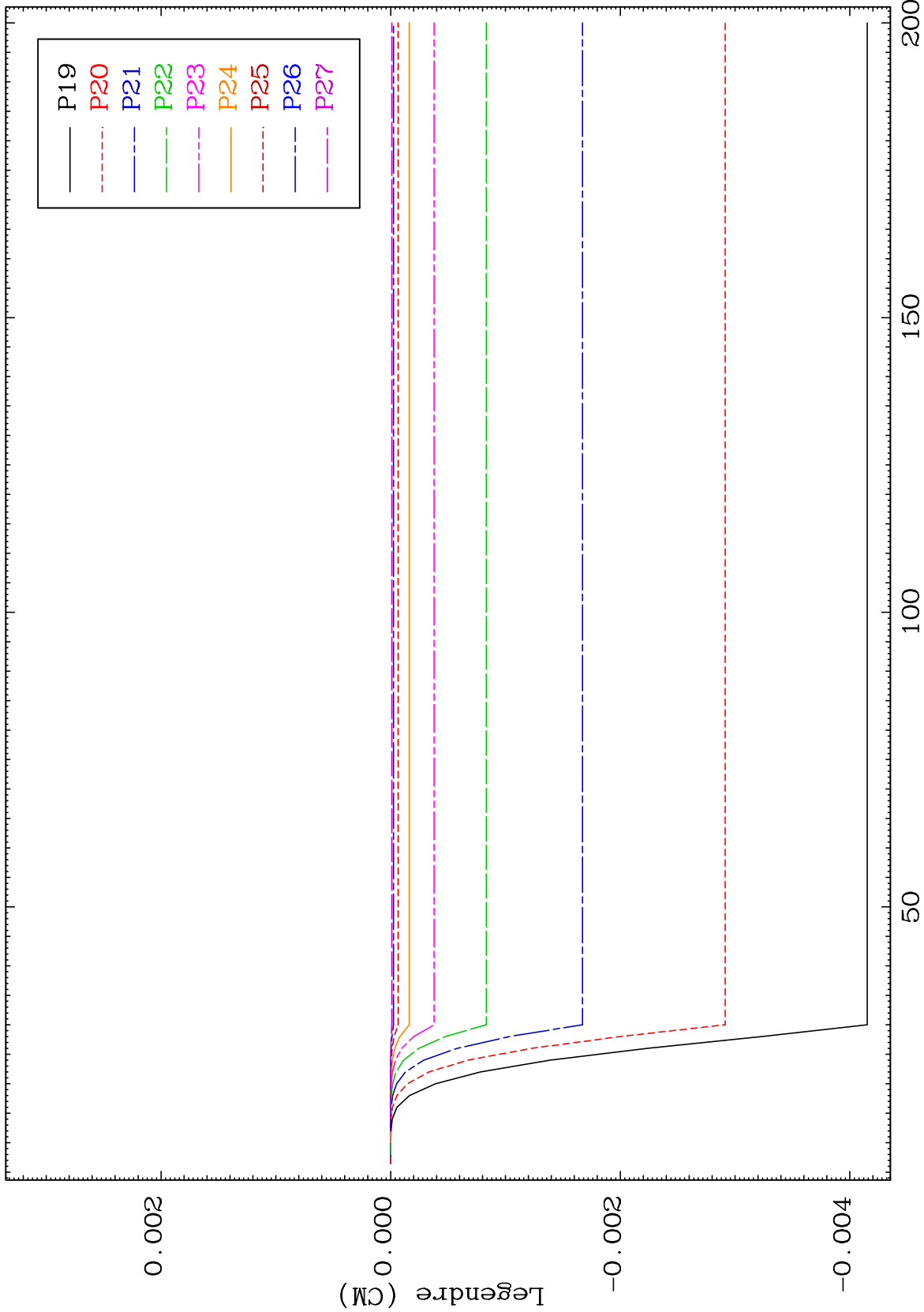
54-Xe-129



MAT 5440

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

54-Xe-129



43

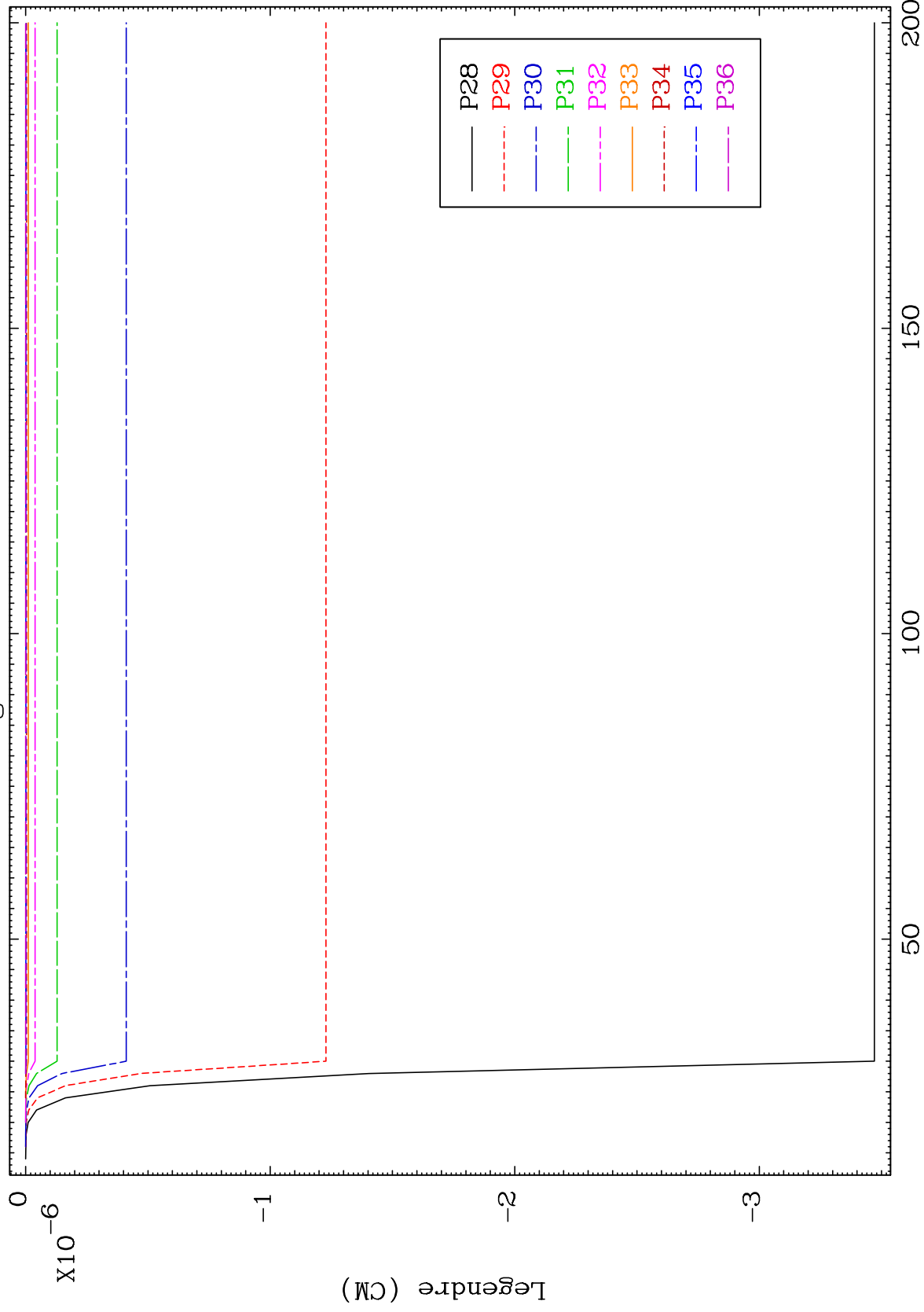
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



44

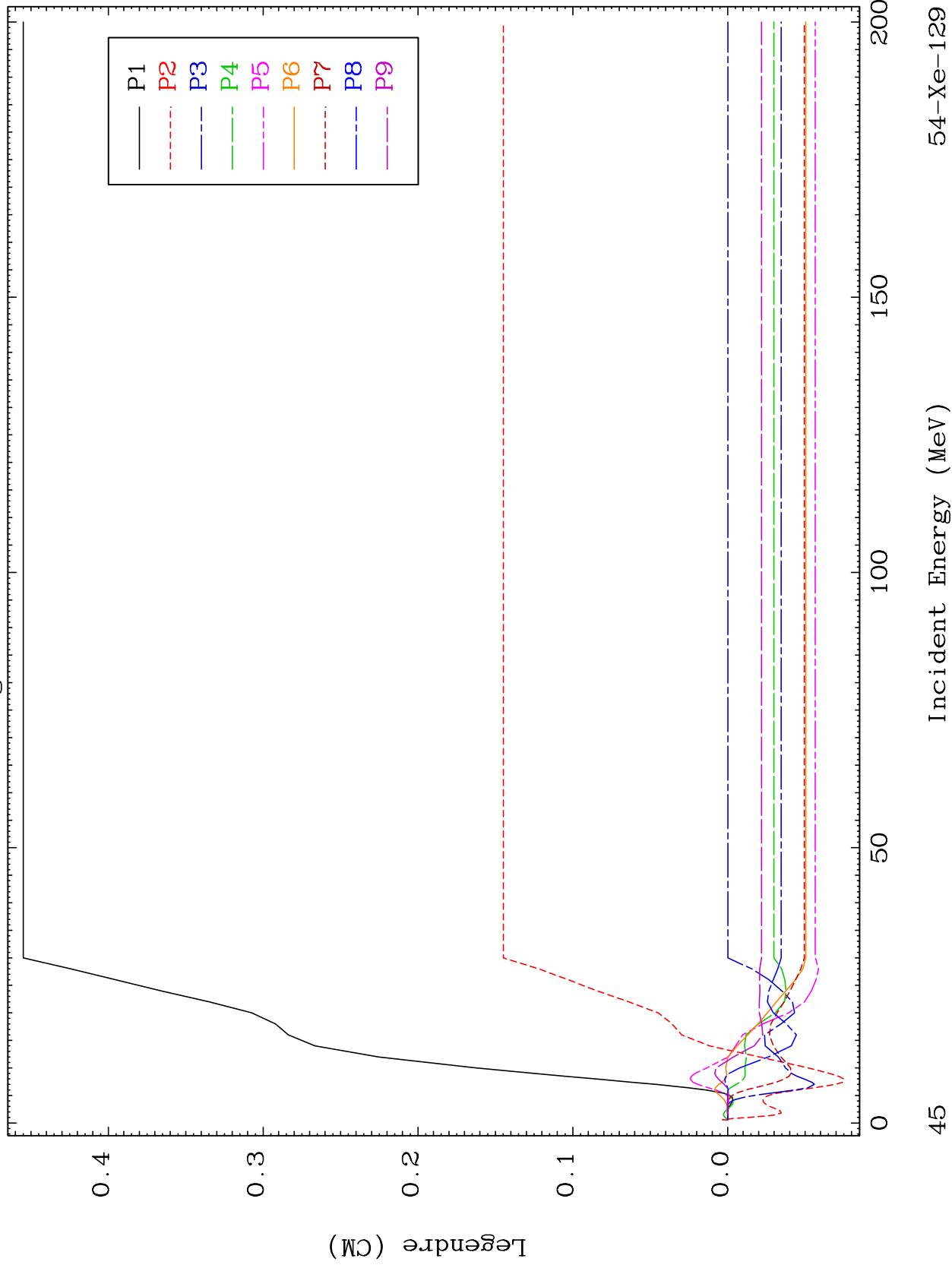
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

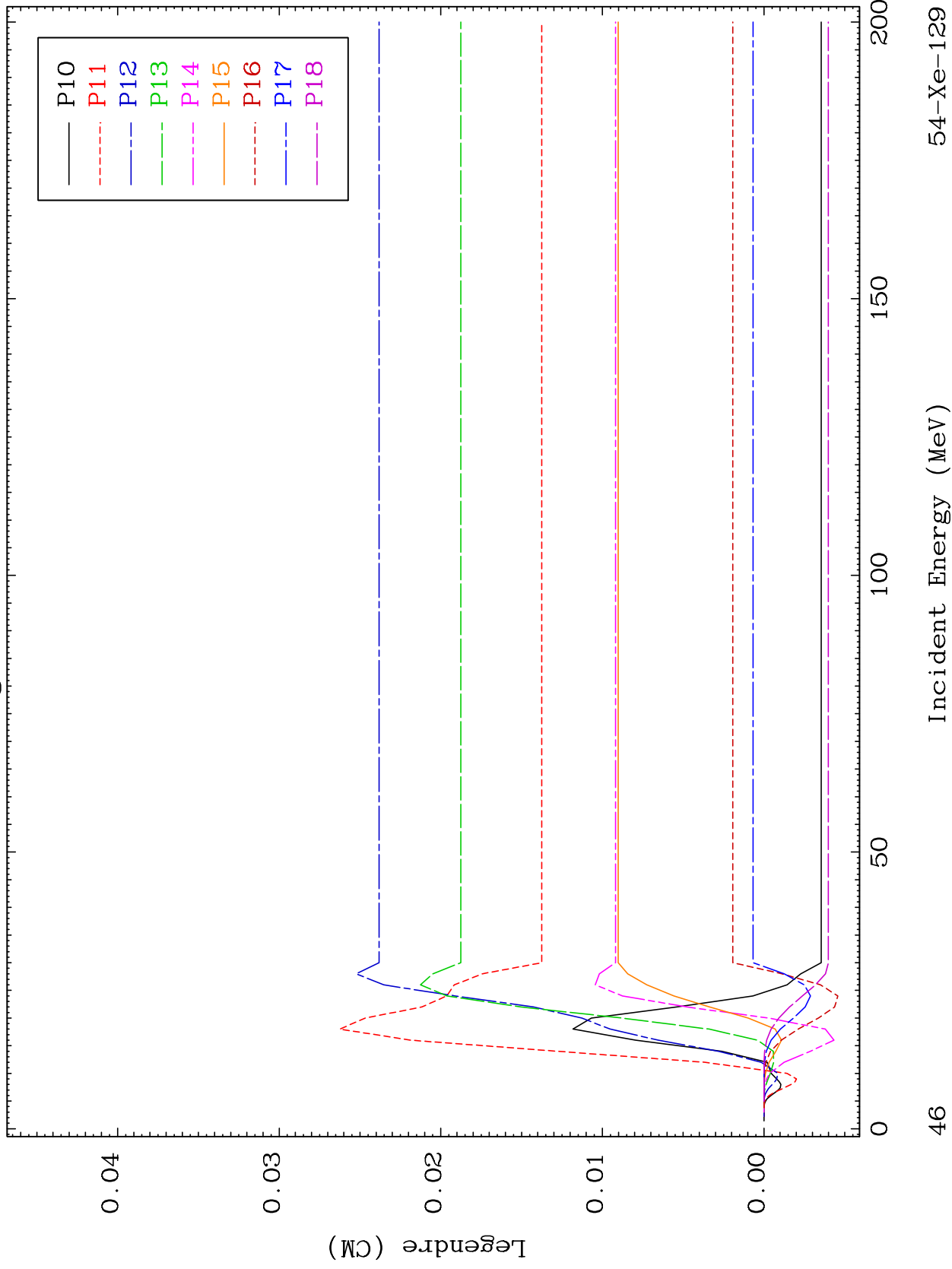
Incident Energy (MeV)

45

MAT 5440

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

54-Xe-129



54-Xe-129

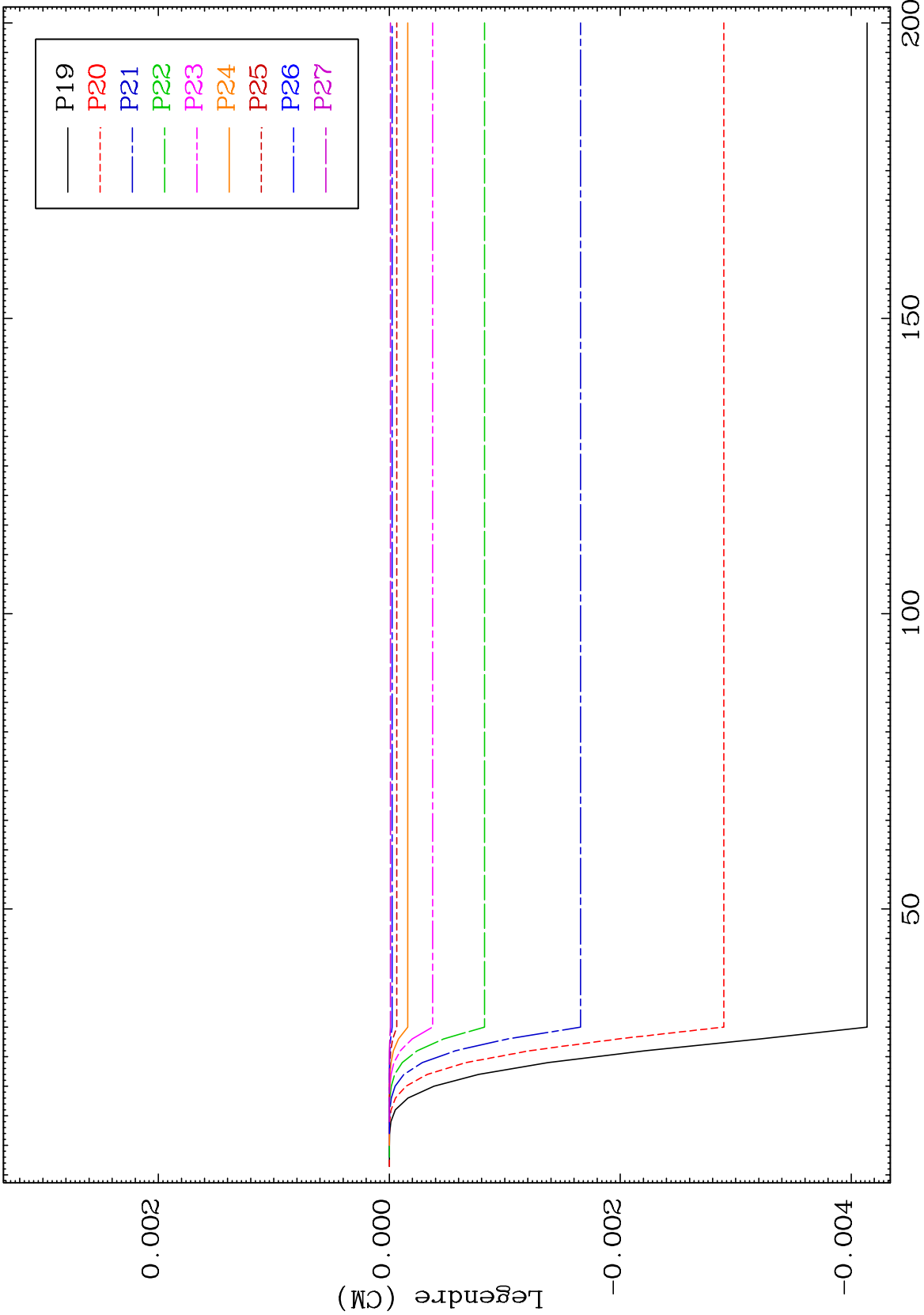
Incident Energy (MeV)

46

MAT 5440

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

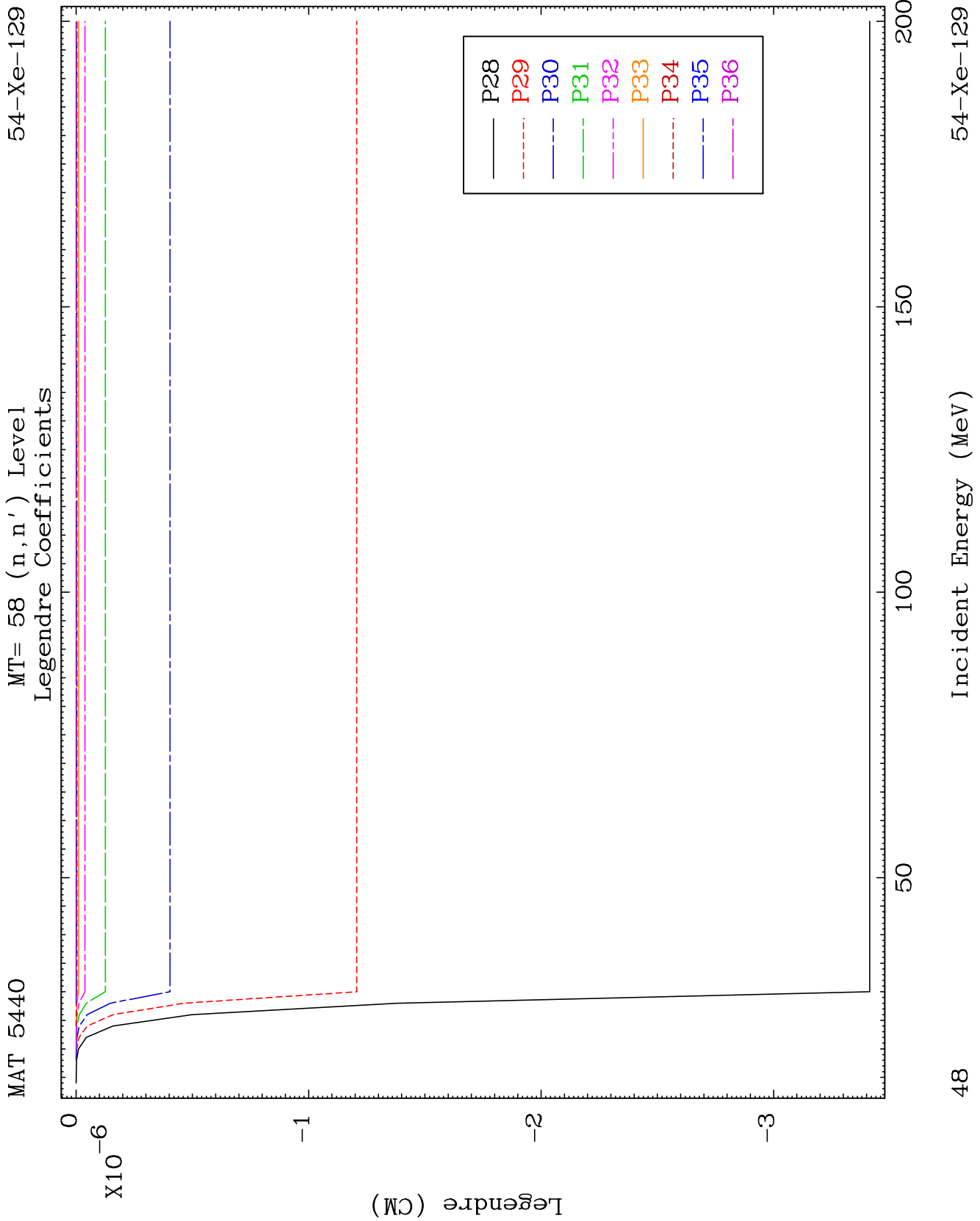
54-Xe-129



47

Incident Energy (MeV)

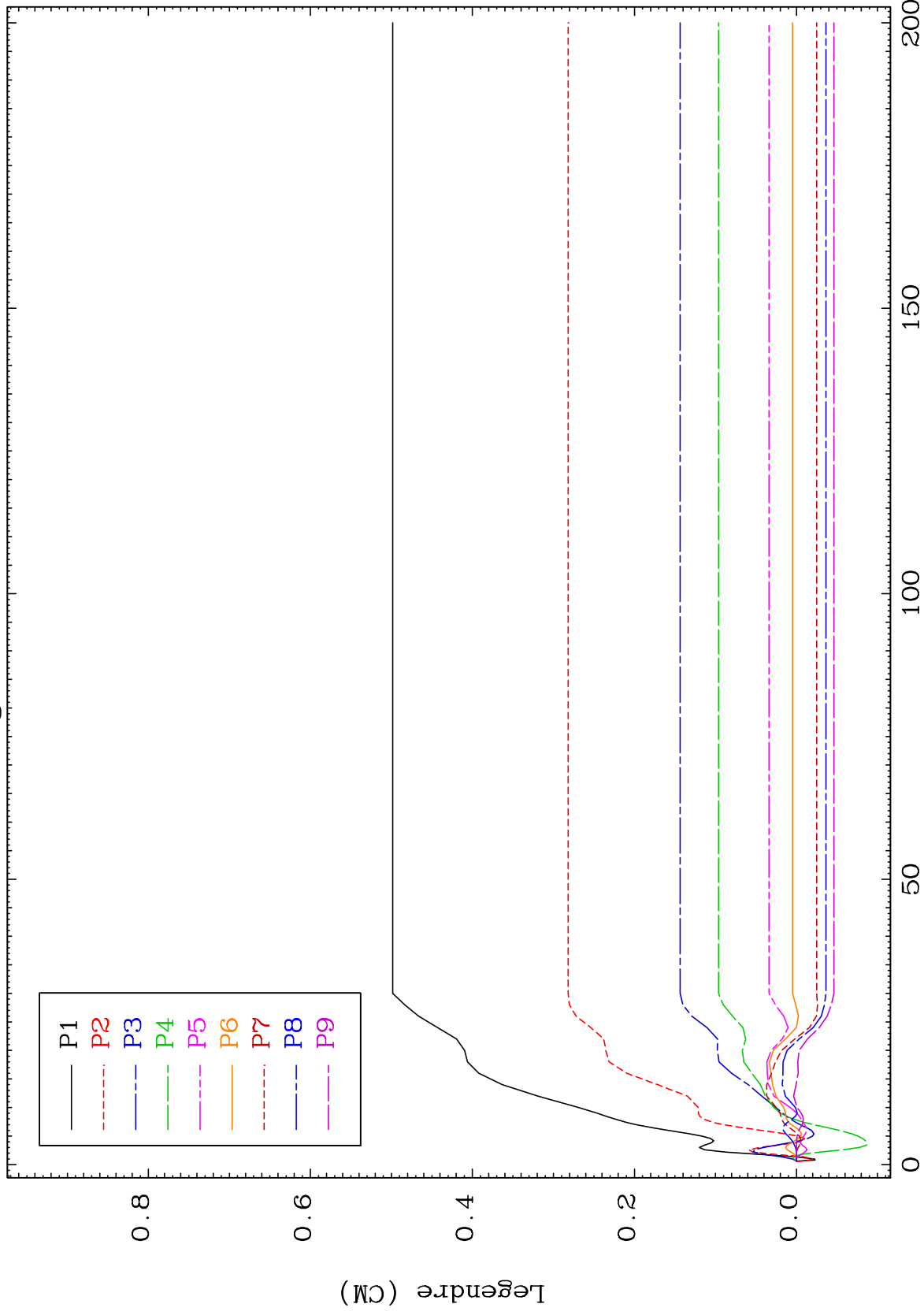
54-Xe-129



MAT 5440

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

54-Xe-129



49

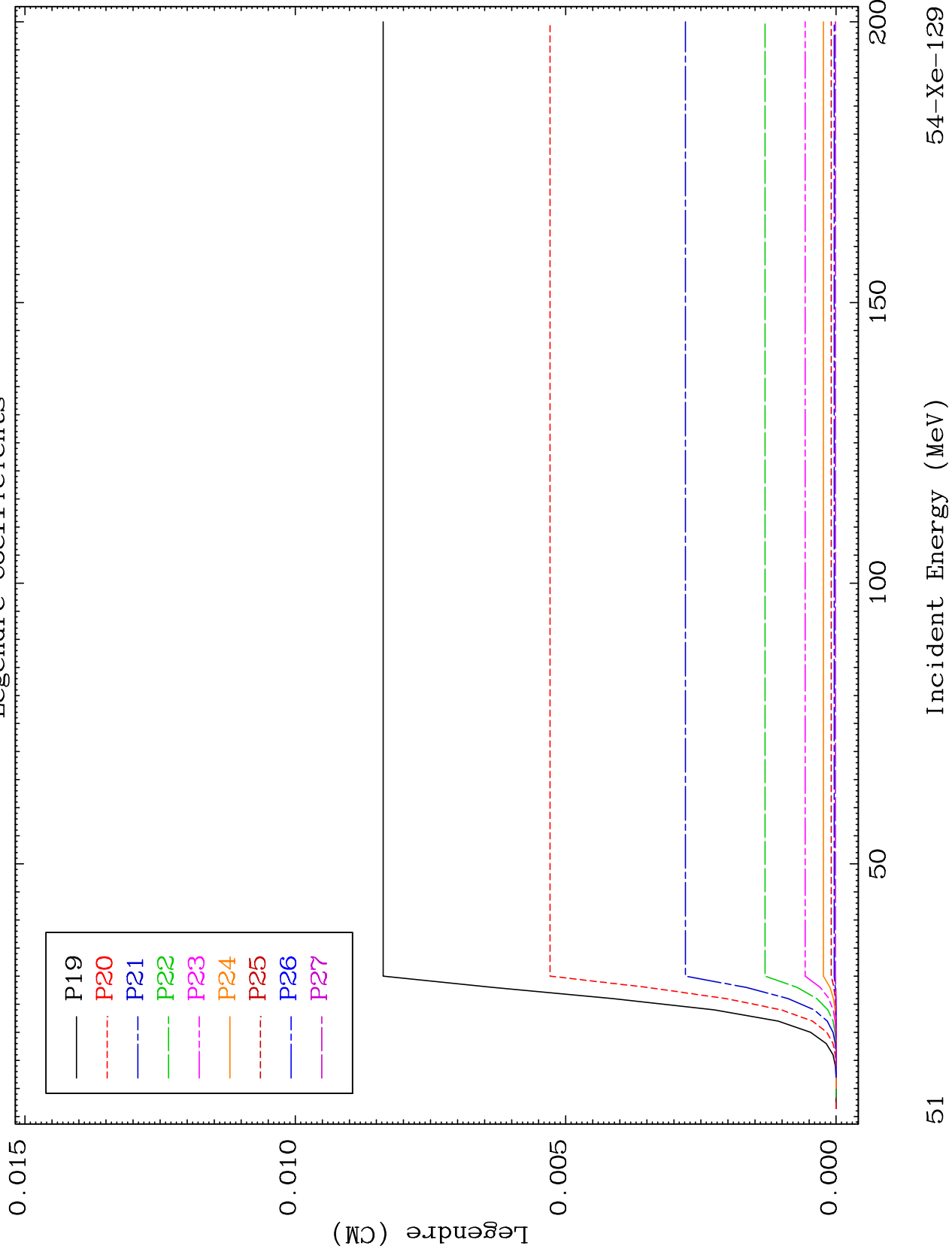
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



51

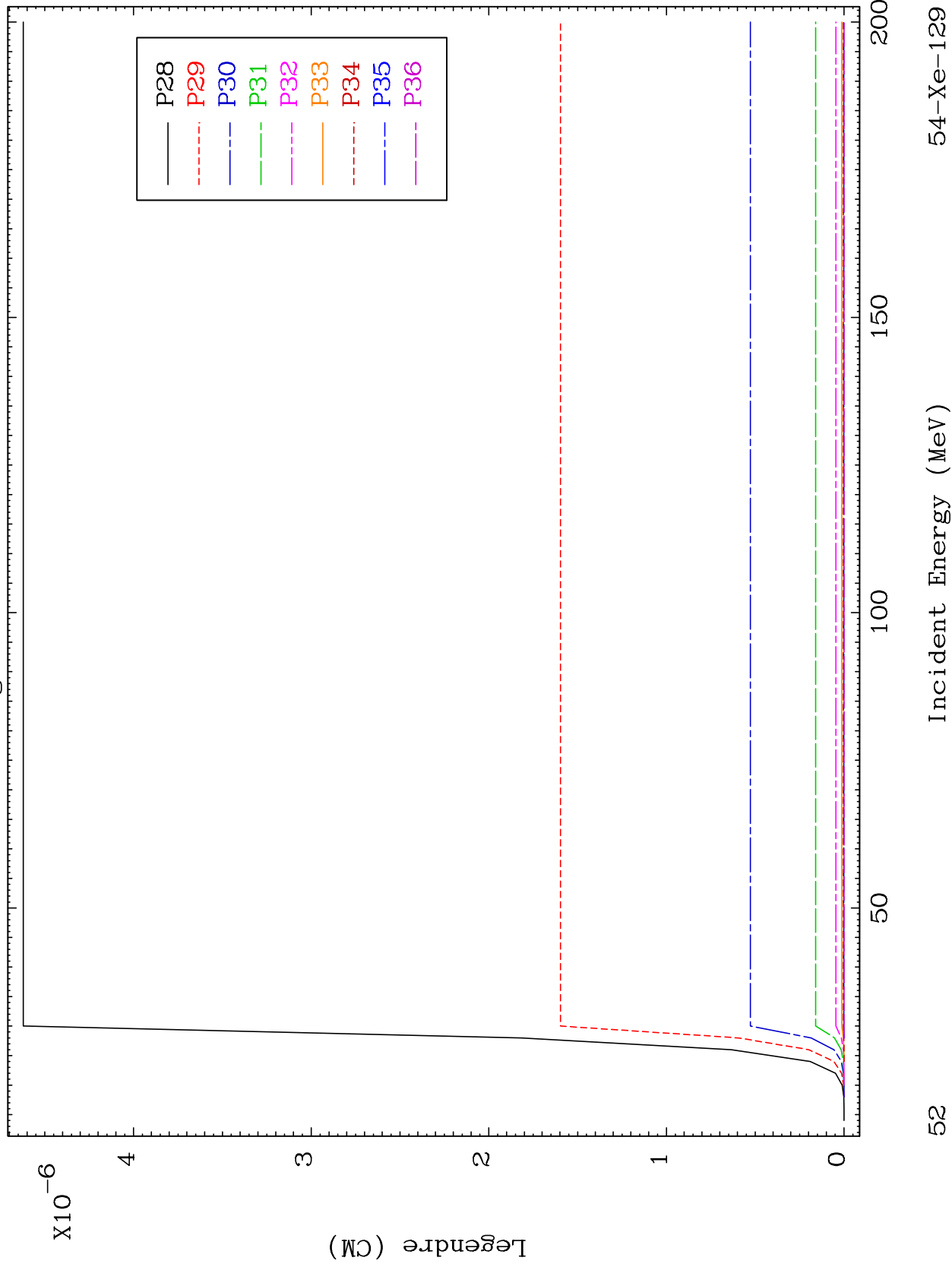
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129

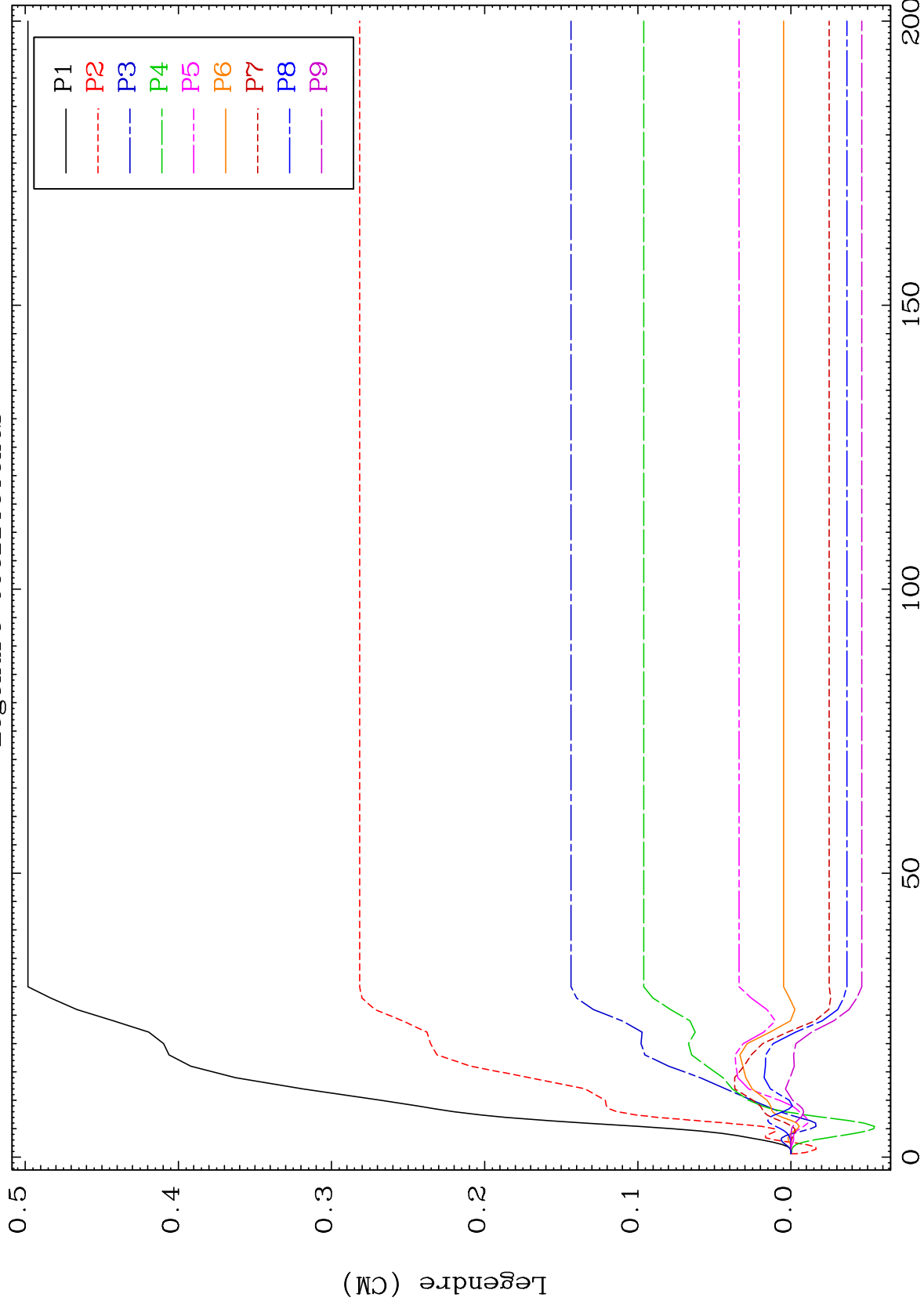


52

MAT 5440

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

54-Xe-129



54-Xe-129

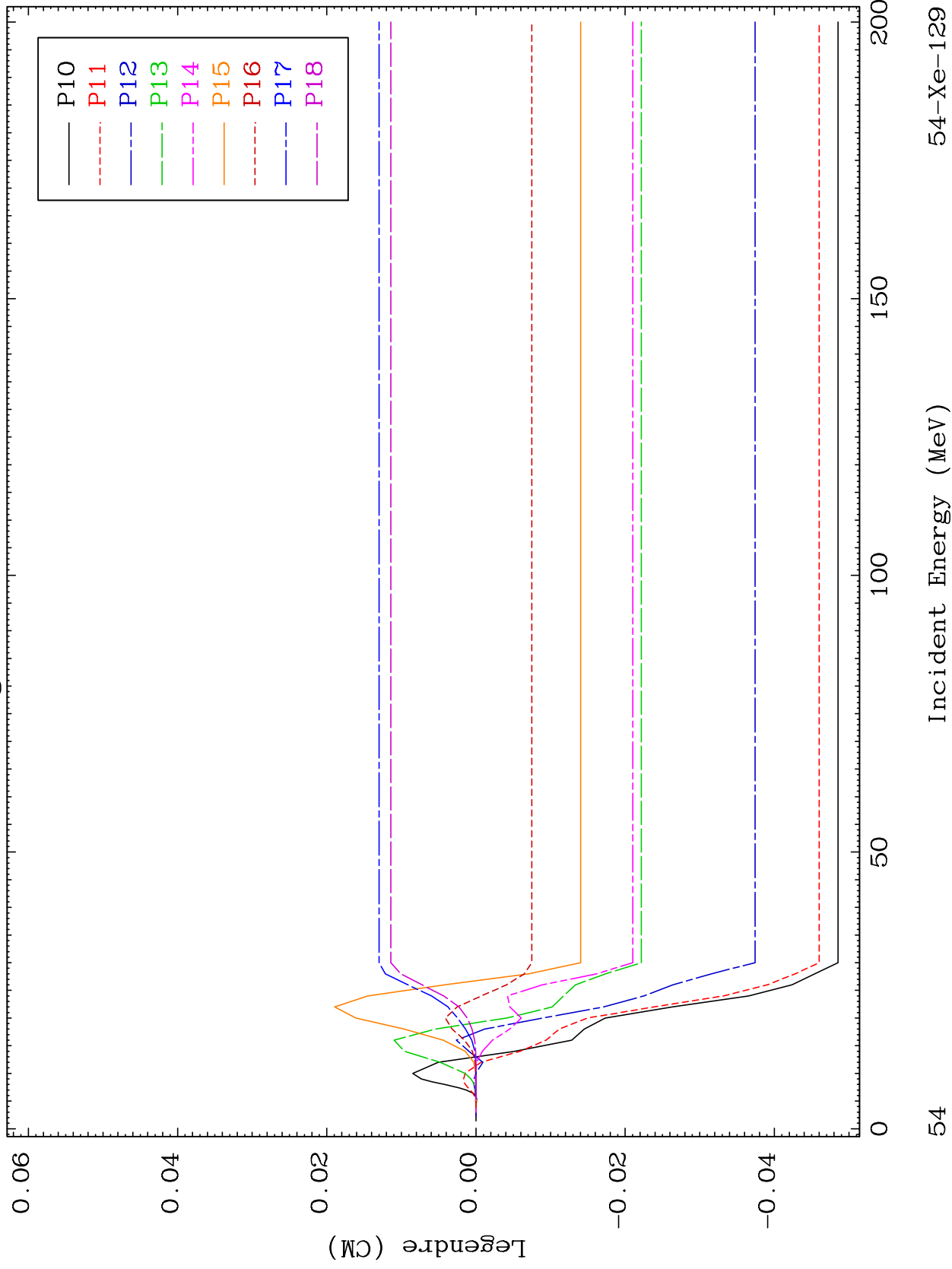
Incident Energy (MeV)

53

MAT 5440

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

54-Xe-129



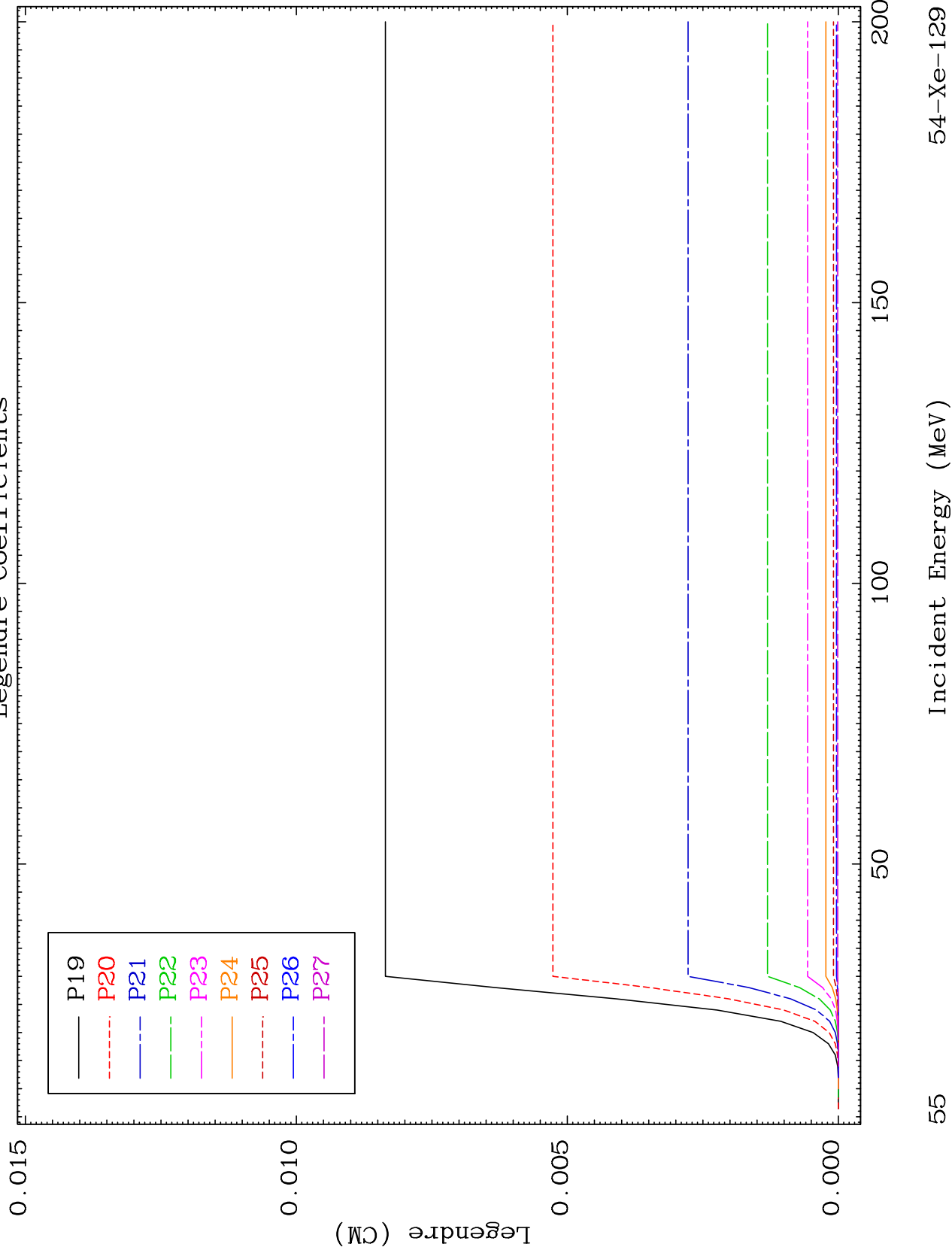
54

54-Xe-129

MAT 5440

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

54-Xe-129



55

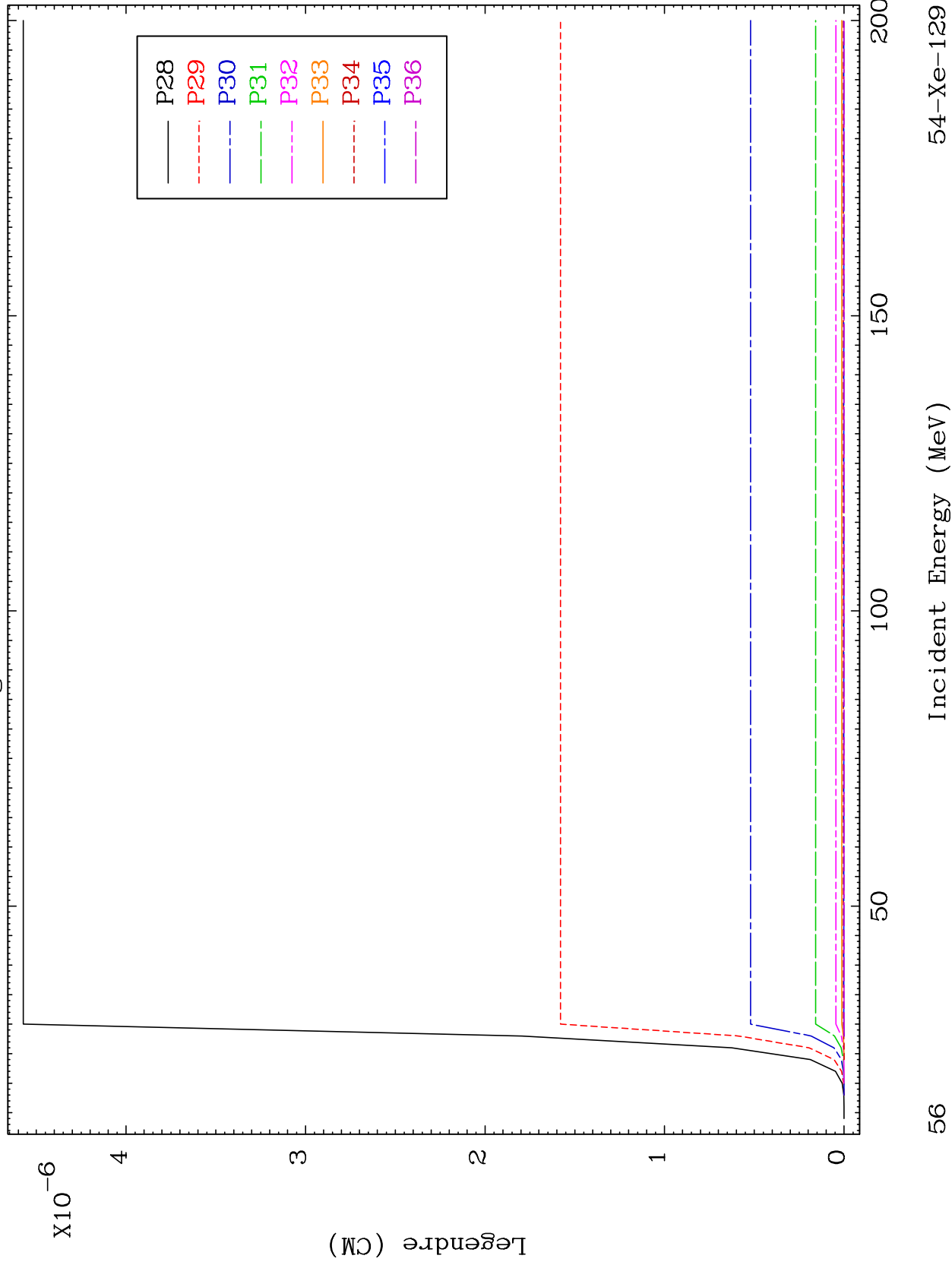
Incident Energy (MeV)

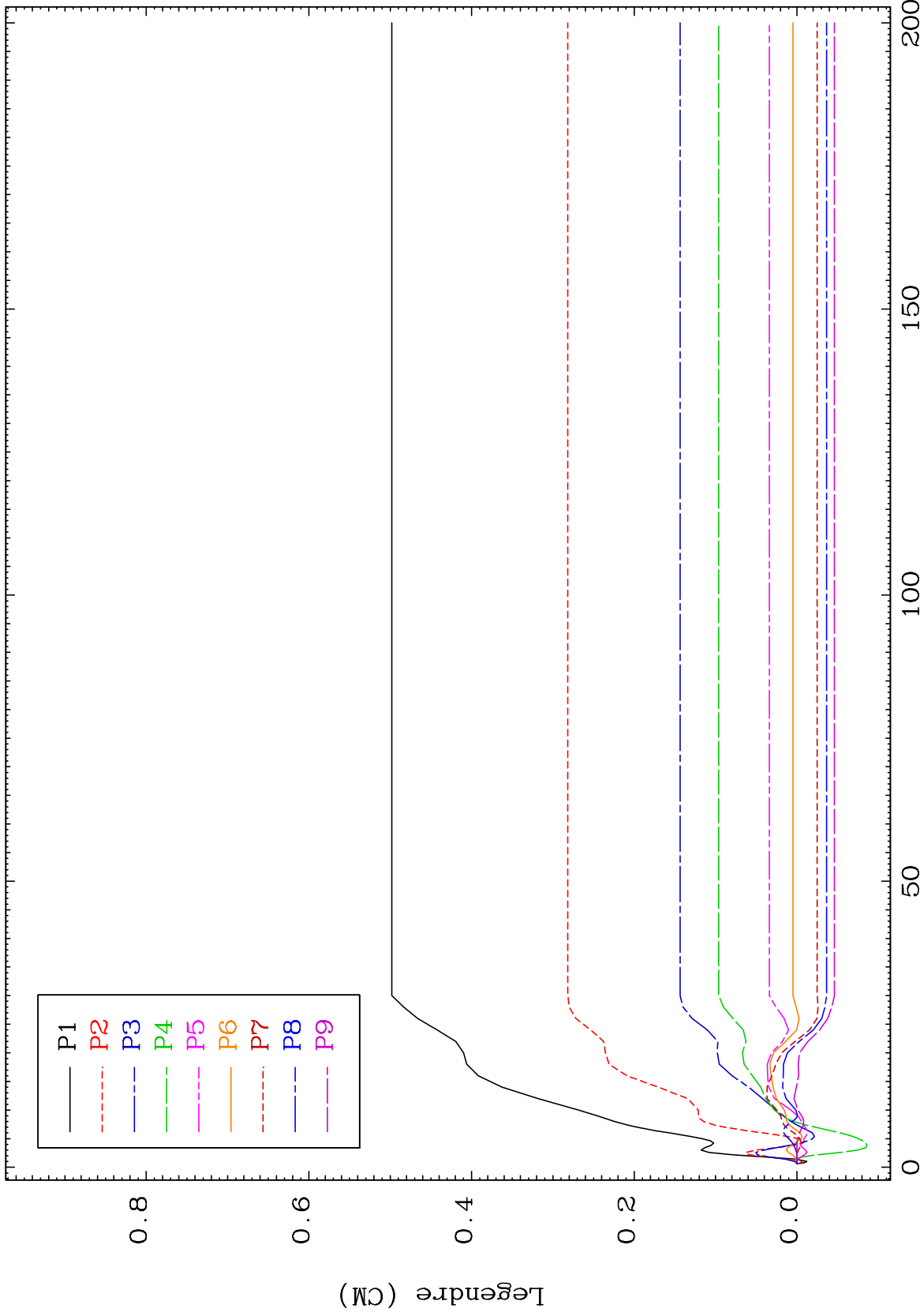
54-Xe-129

MAT 5440

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

54-Xe-129

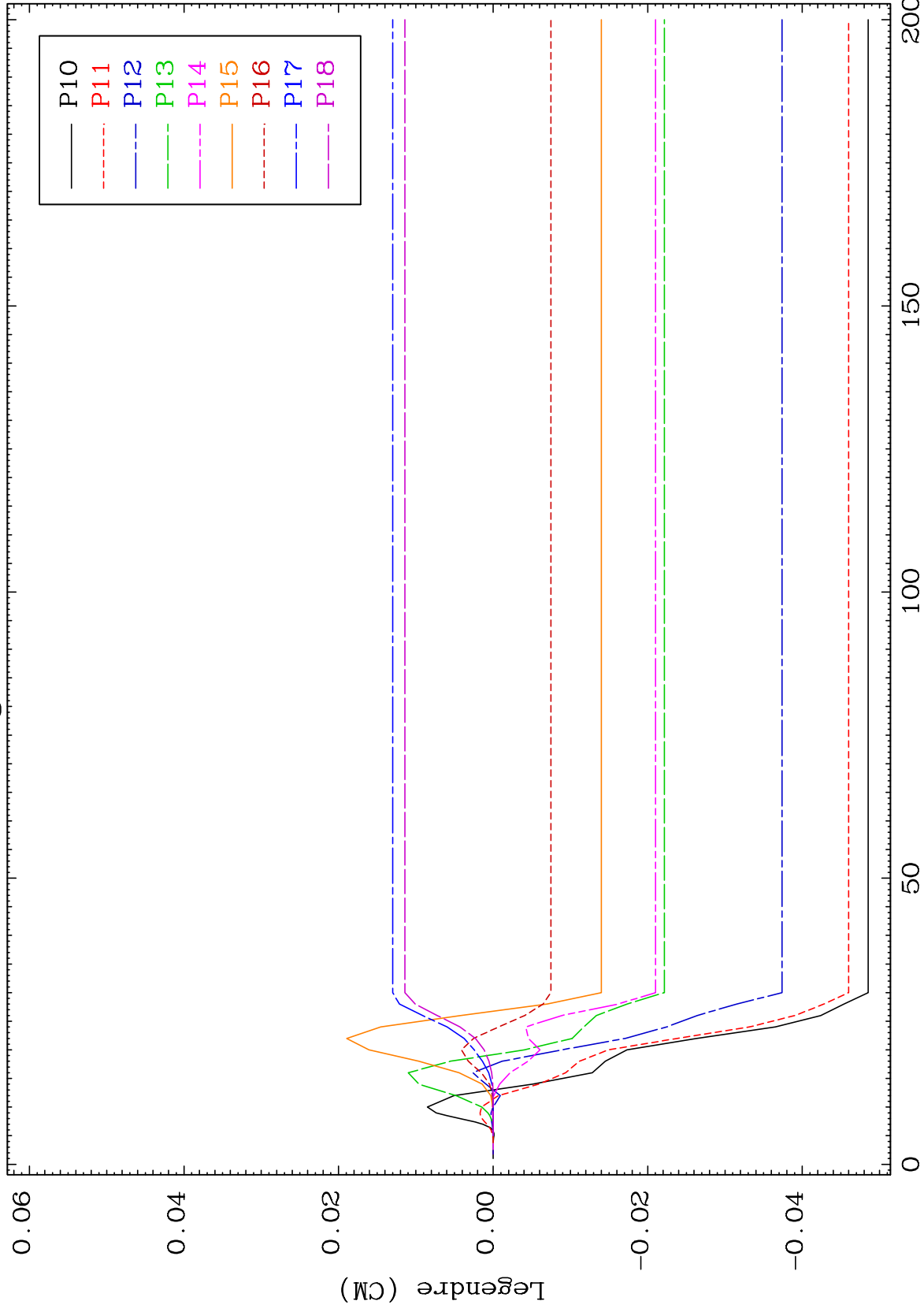




MAT 5440

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

54-Xe-129



58

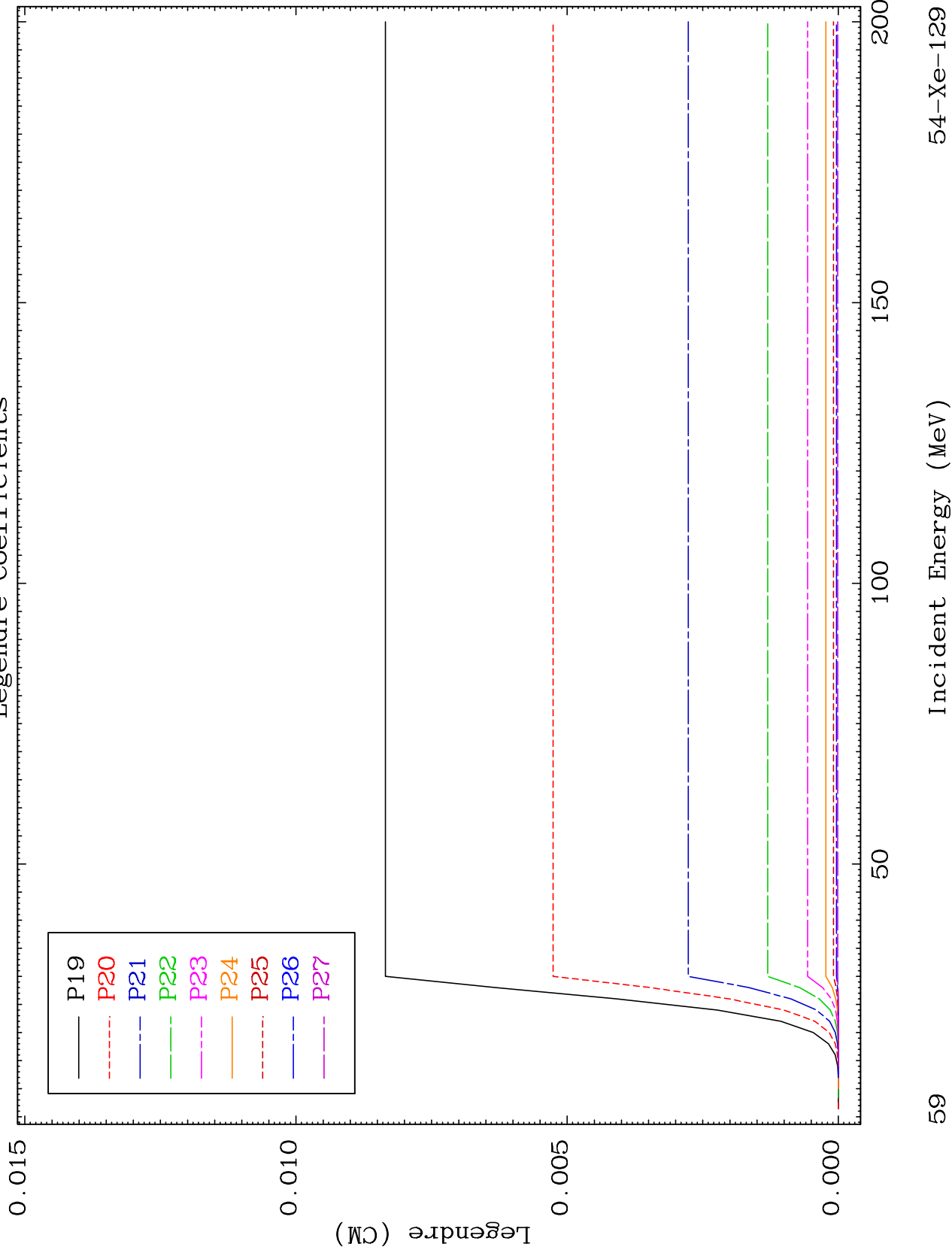
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



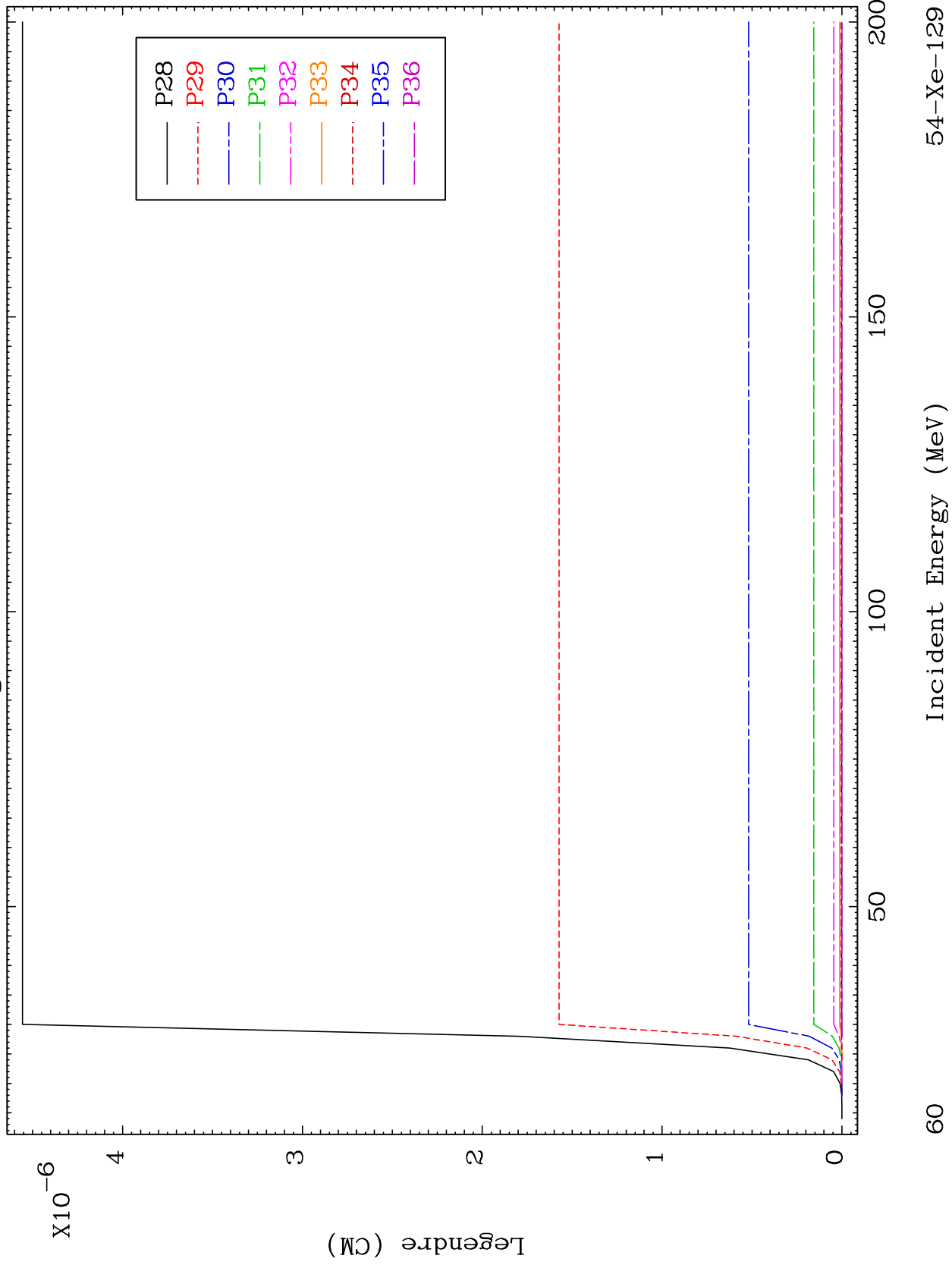
59

54-Xe-129

MAT 5440

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

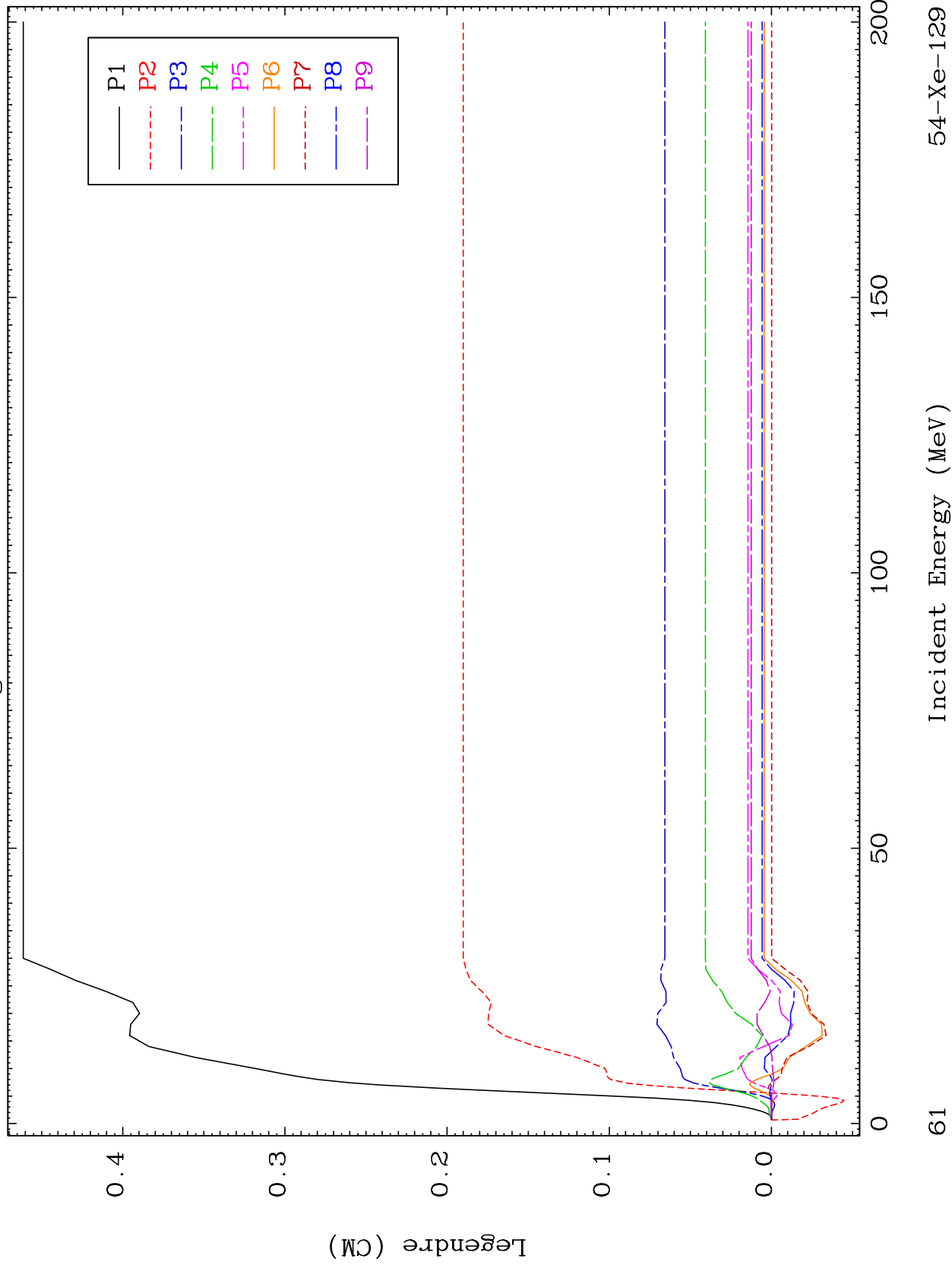
54-Xe-129



MAT 5440

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

54-Xe-129



54-Xe-129

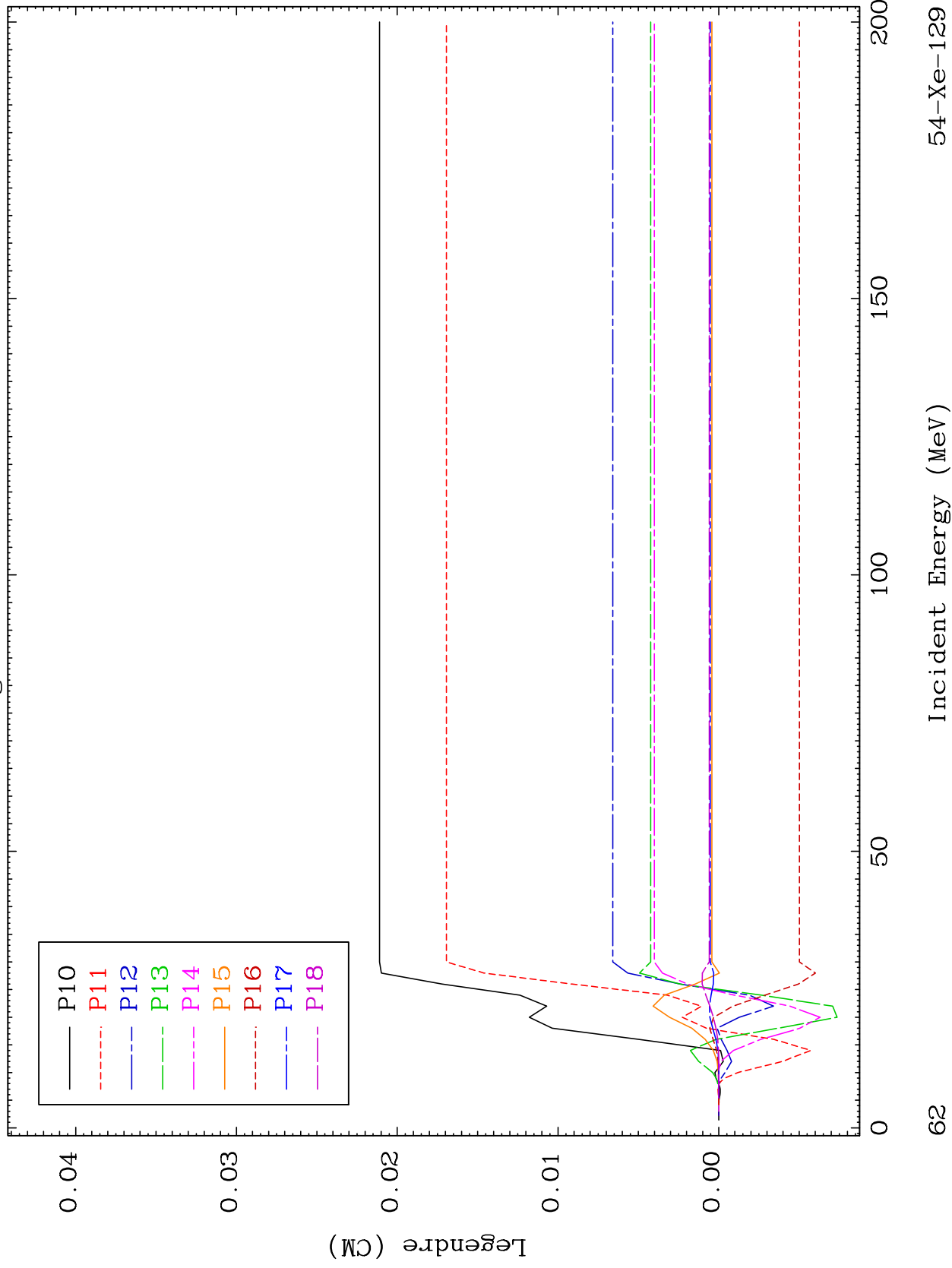
Incident Energy (MeV)

61

MAT 5440

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

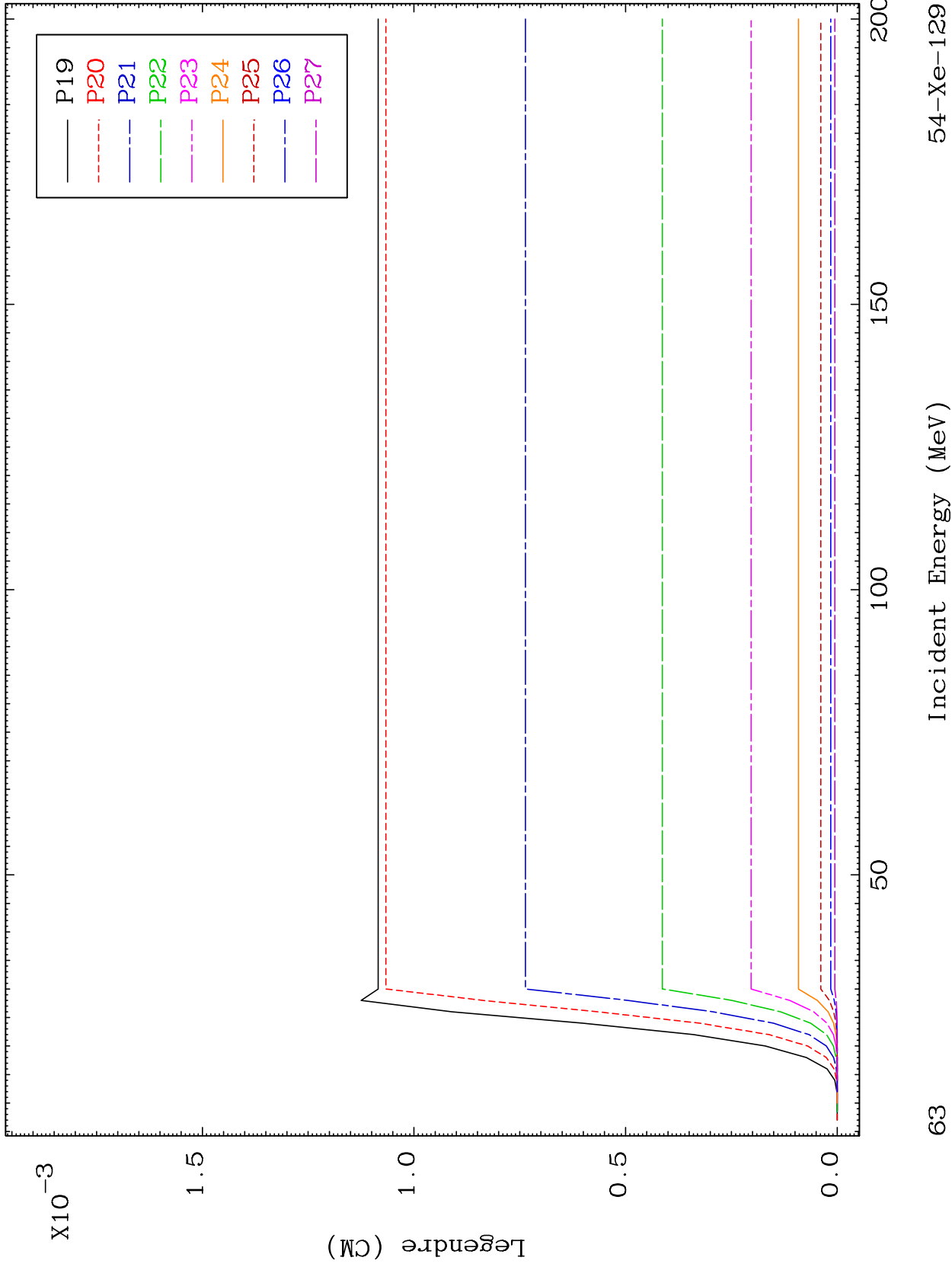
54-Xe-129



MAT 5440

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

54-Xe-129



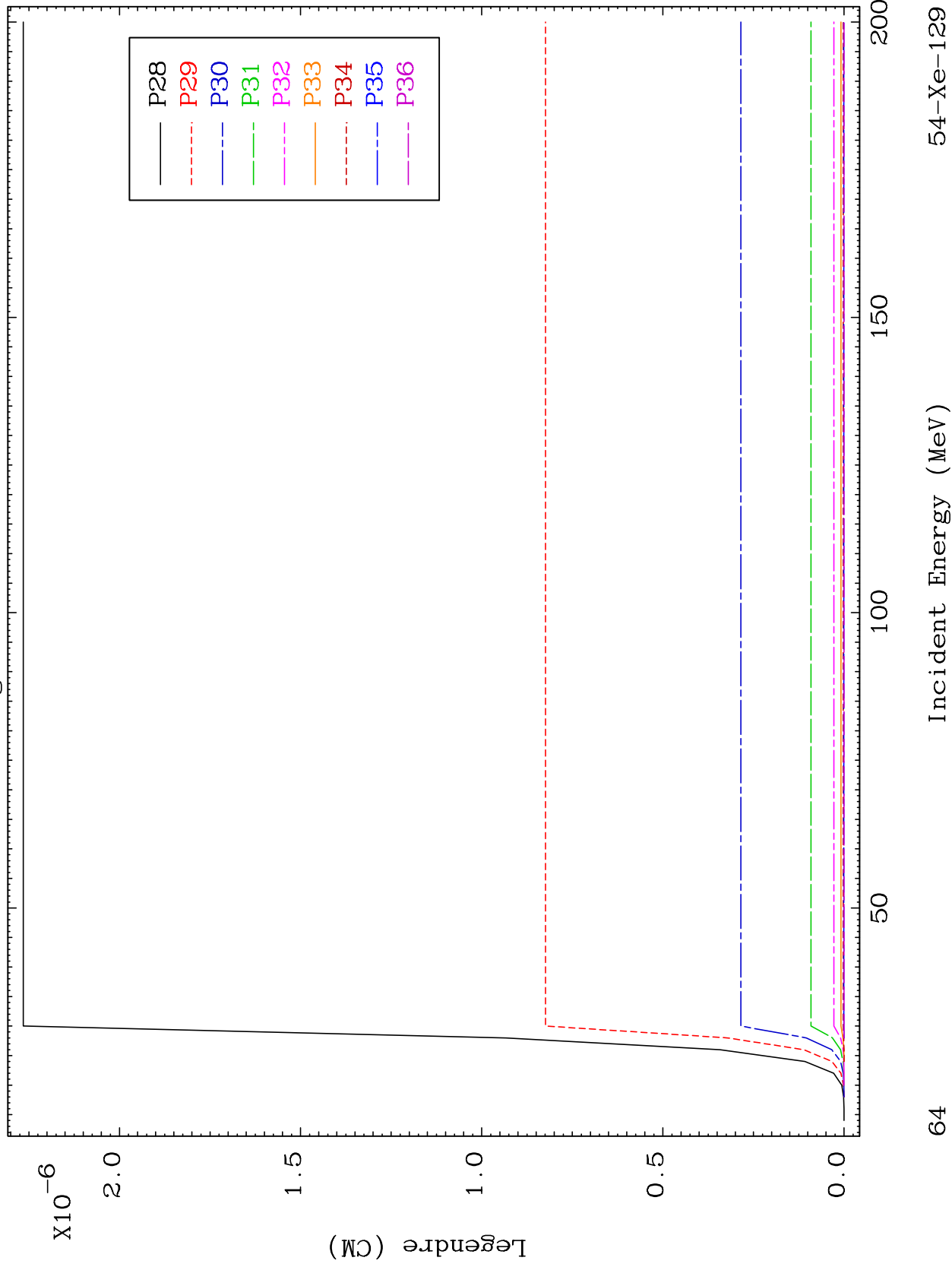
63

54-Xe-129

MAT 5440

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

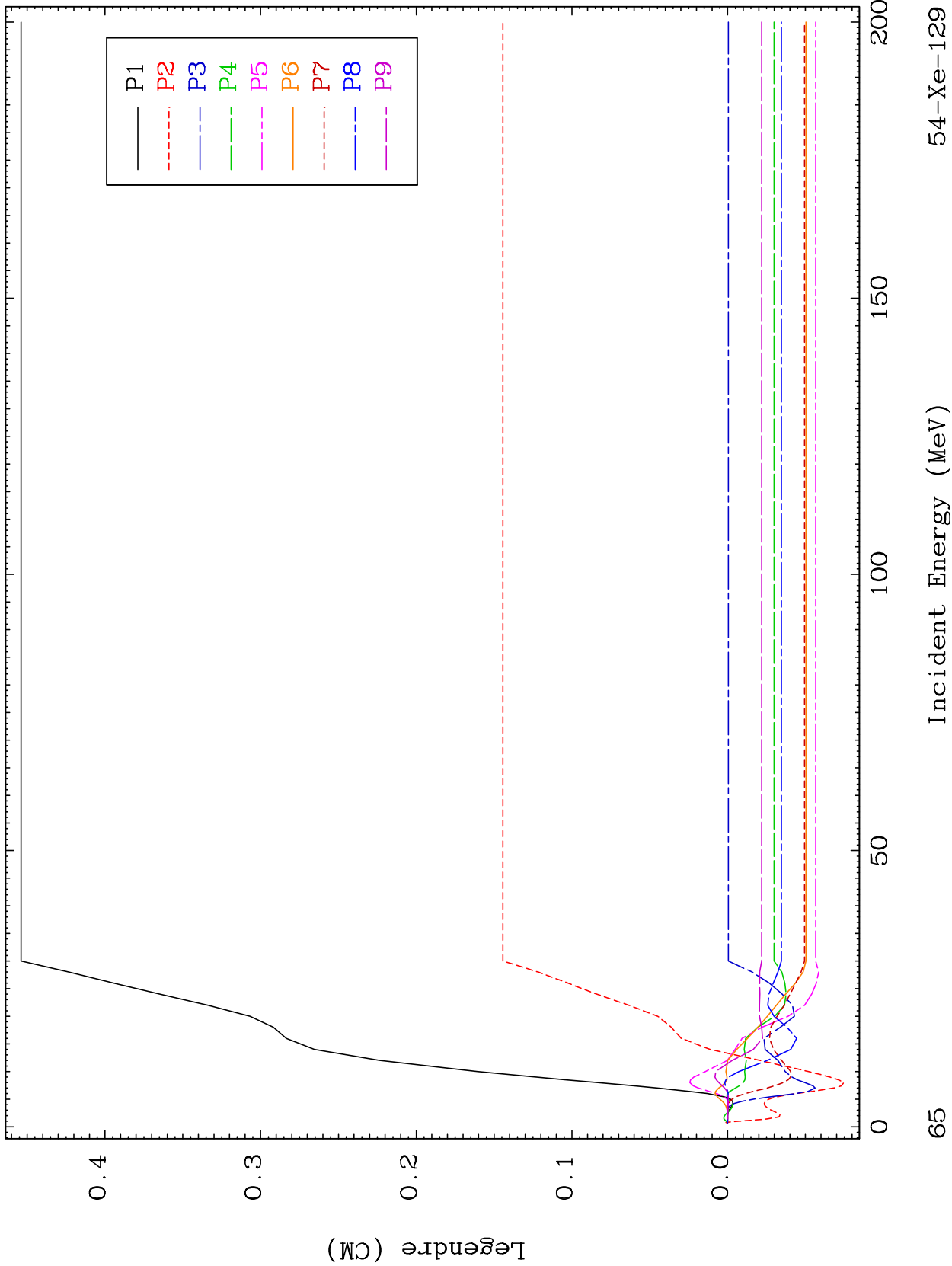
54-Xe-129



MAT 5440

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

54-Xe-129



54-Xe-129

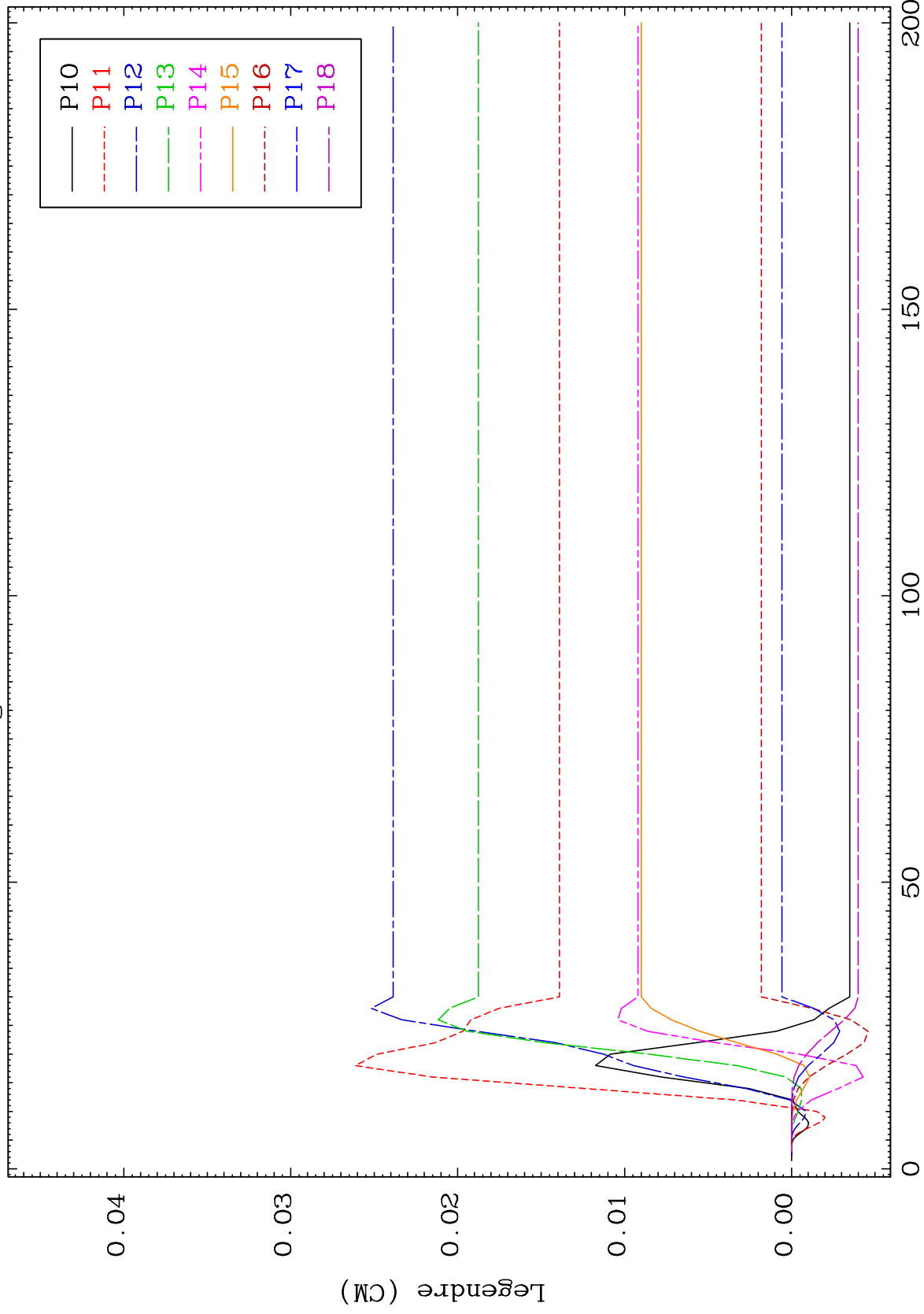
Incident Energy (MeV)

65

MAT 5440

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

54-Xe-129



66

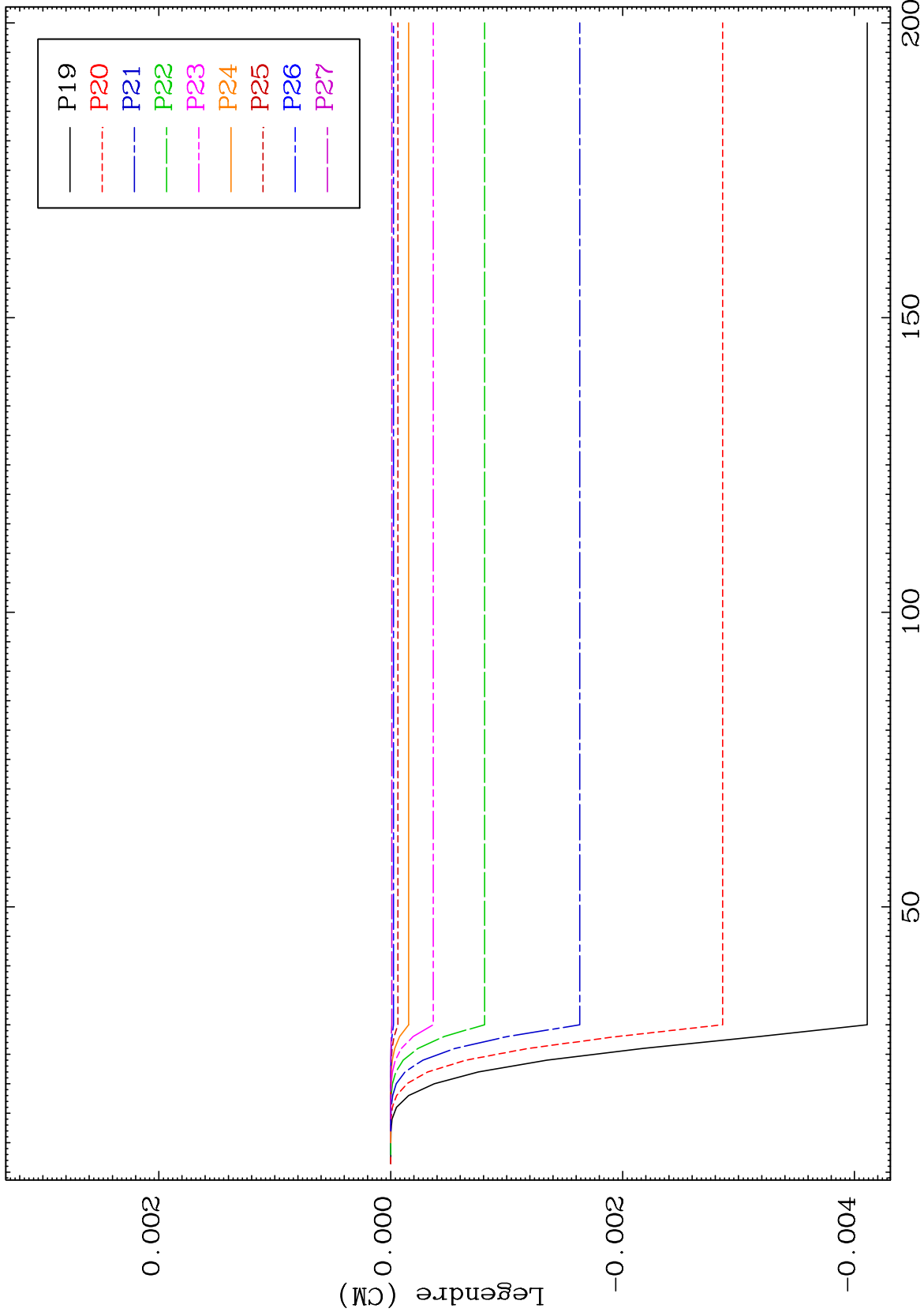
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



67

Incident Energy (MeV)

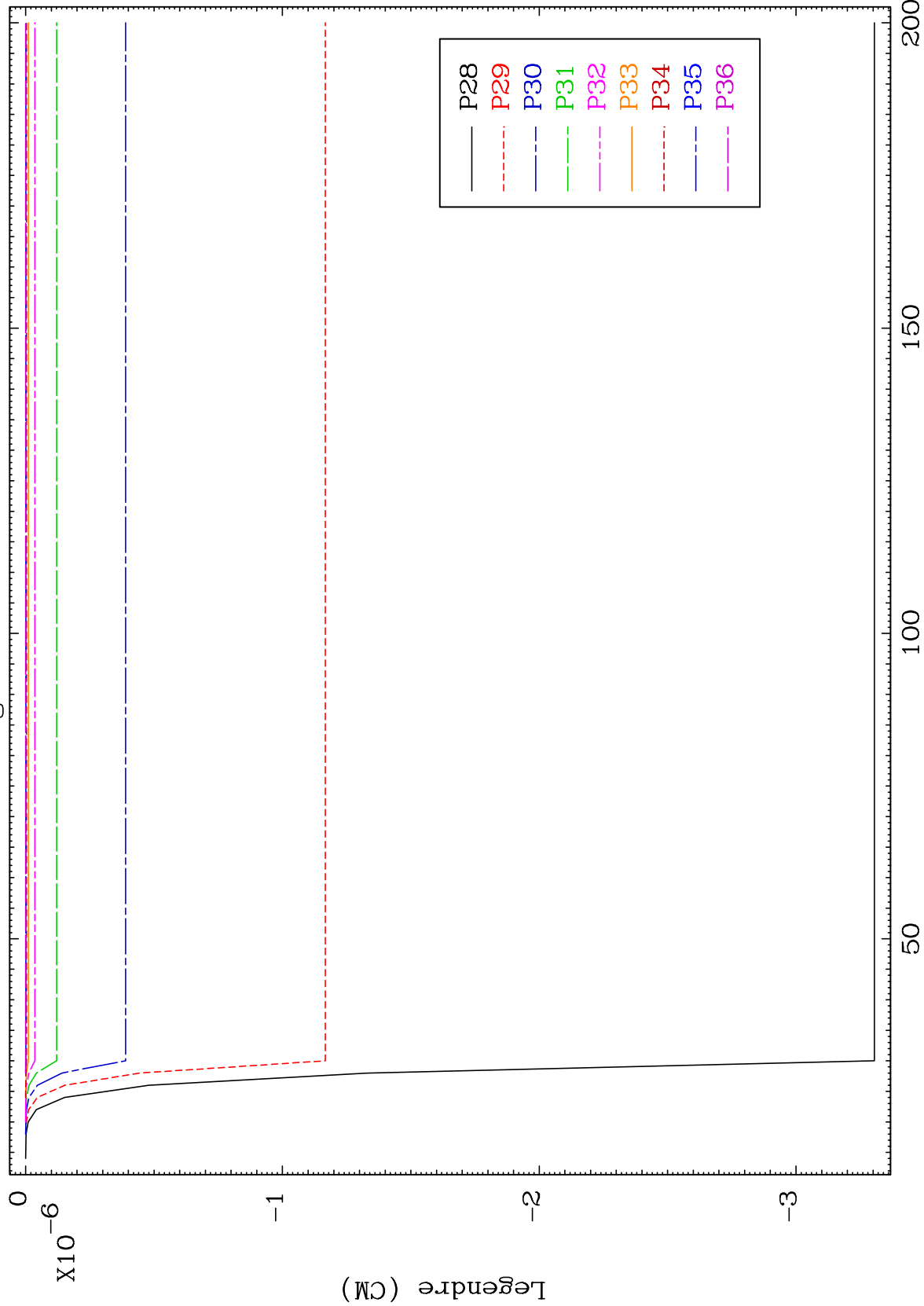
54-Xe-129

MAT 5440

MT= 63 (n,n') Level

54-Xe-129

Legendre Coefficients



54-Xe-129

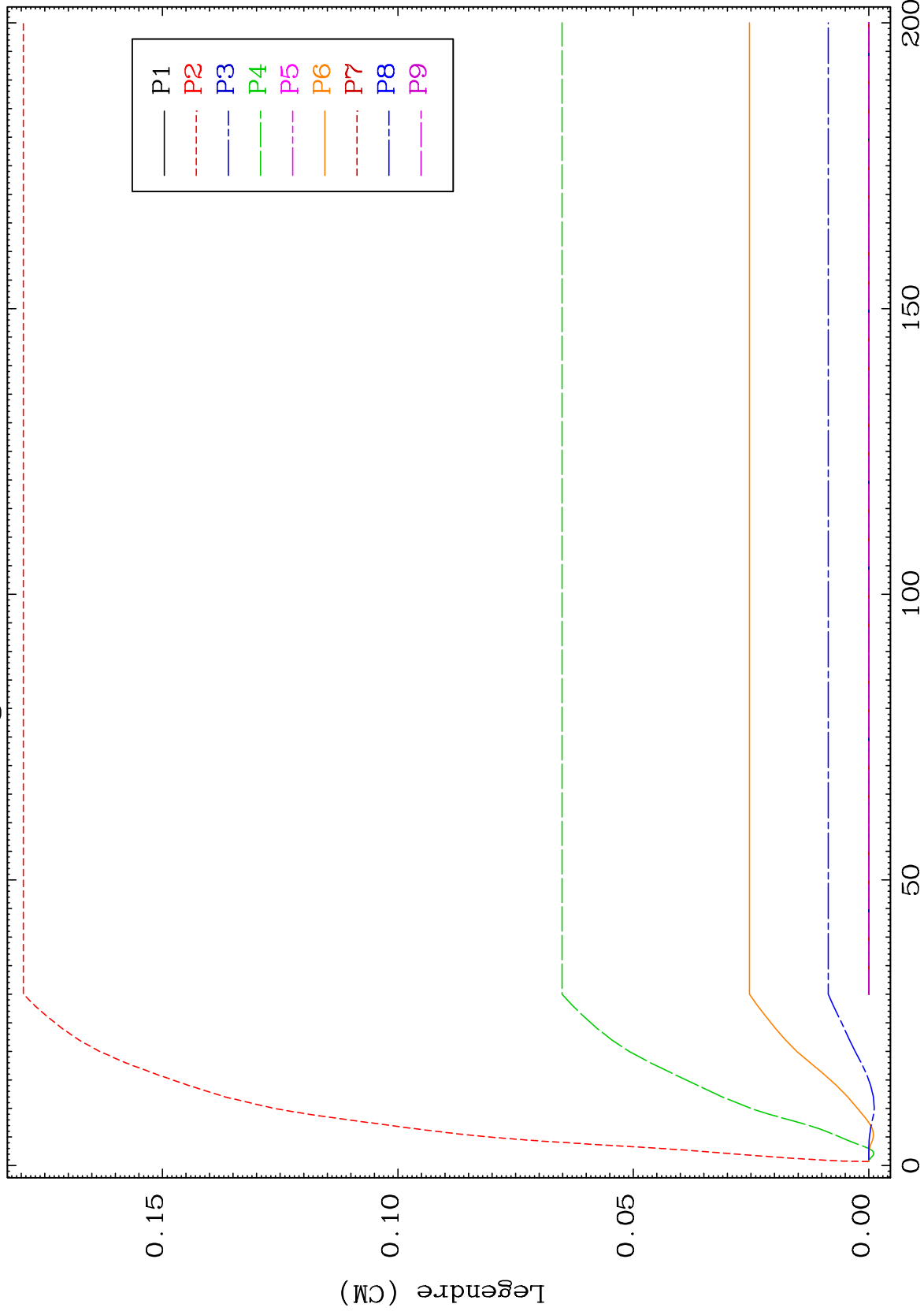
Incident Energy (MeV)

68

MAT 5440

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

54-Xe-129



69

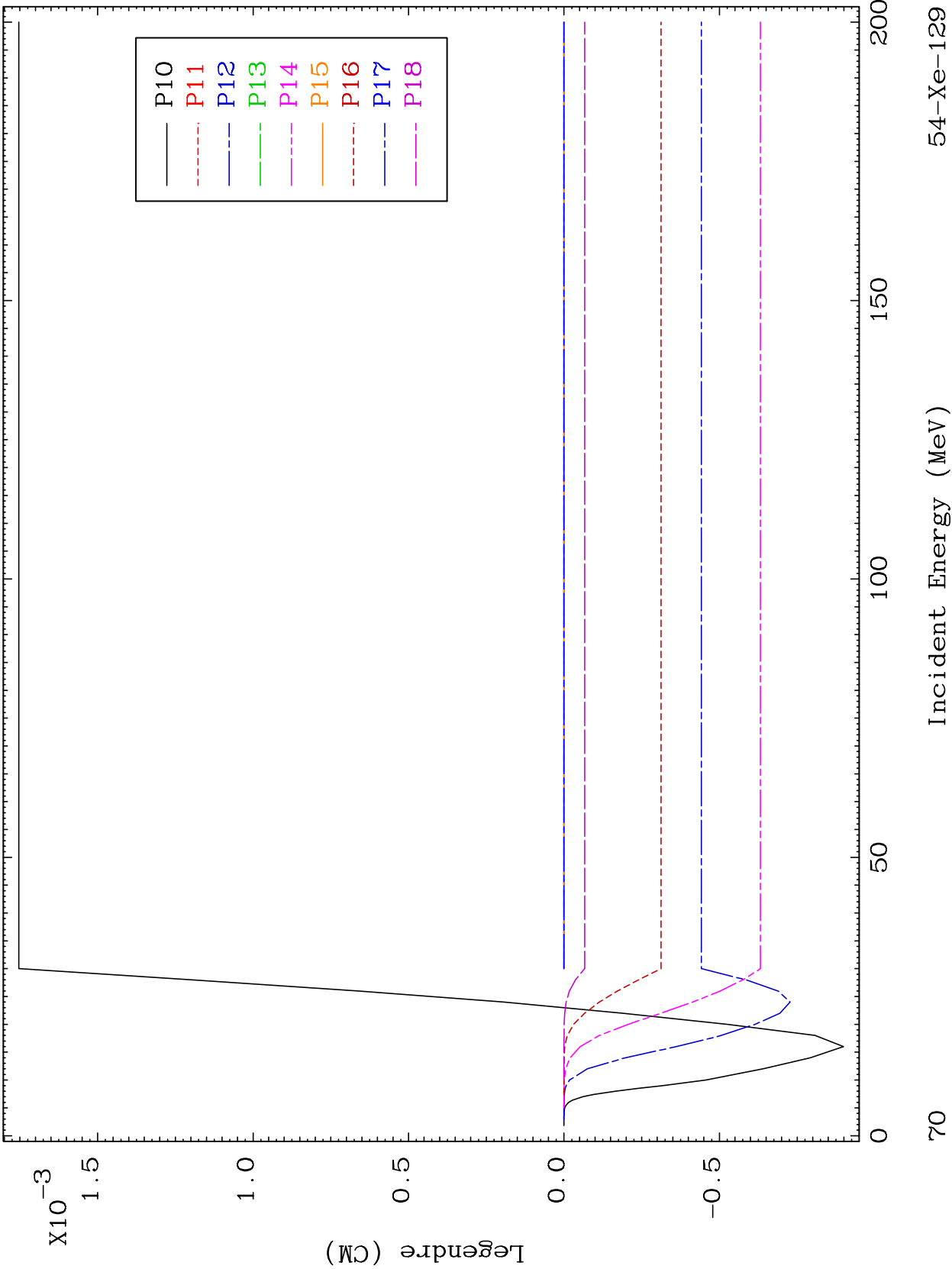
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

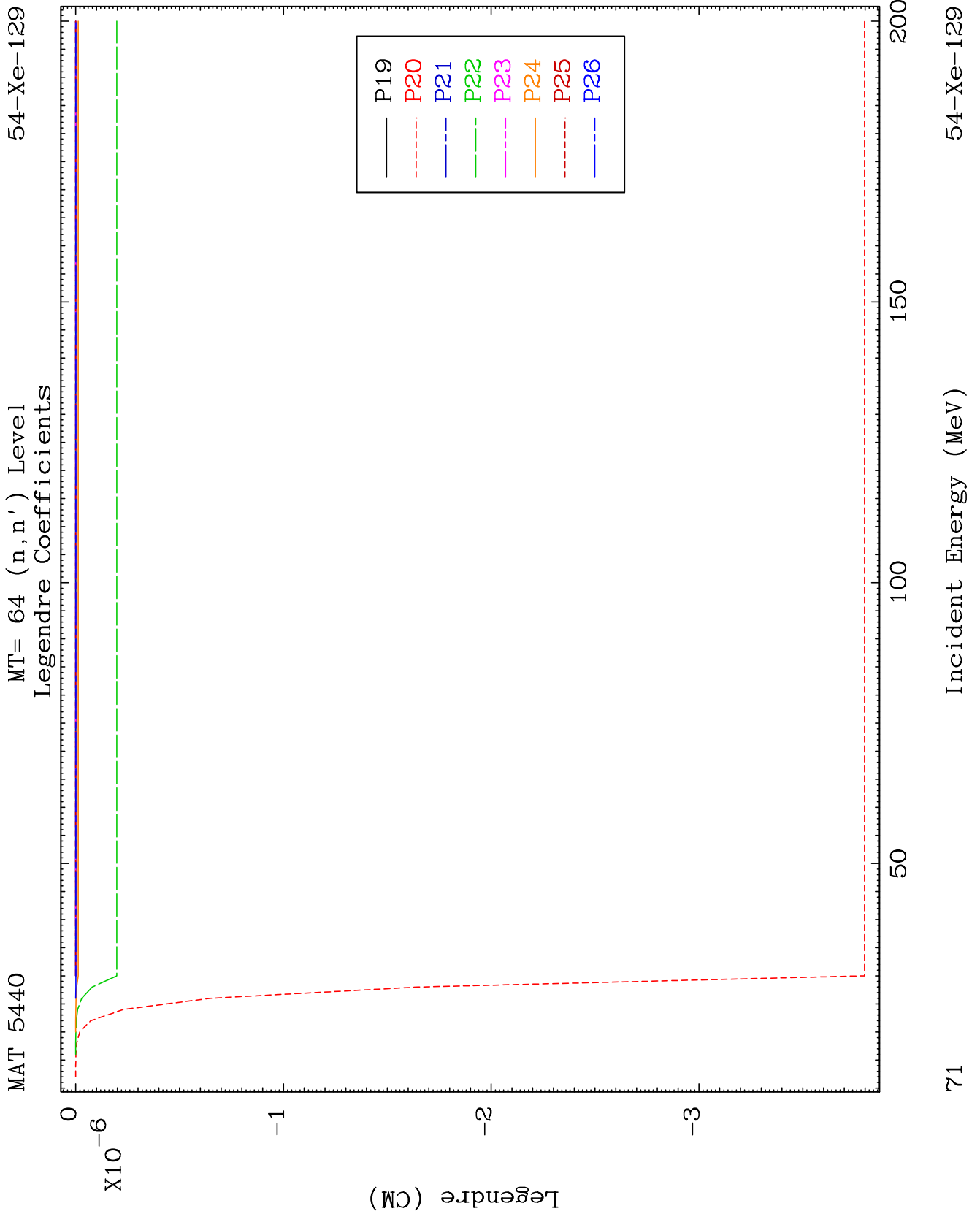
54-Xe-129



54-Xe-129

Incident Energy (MeV)

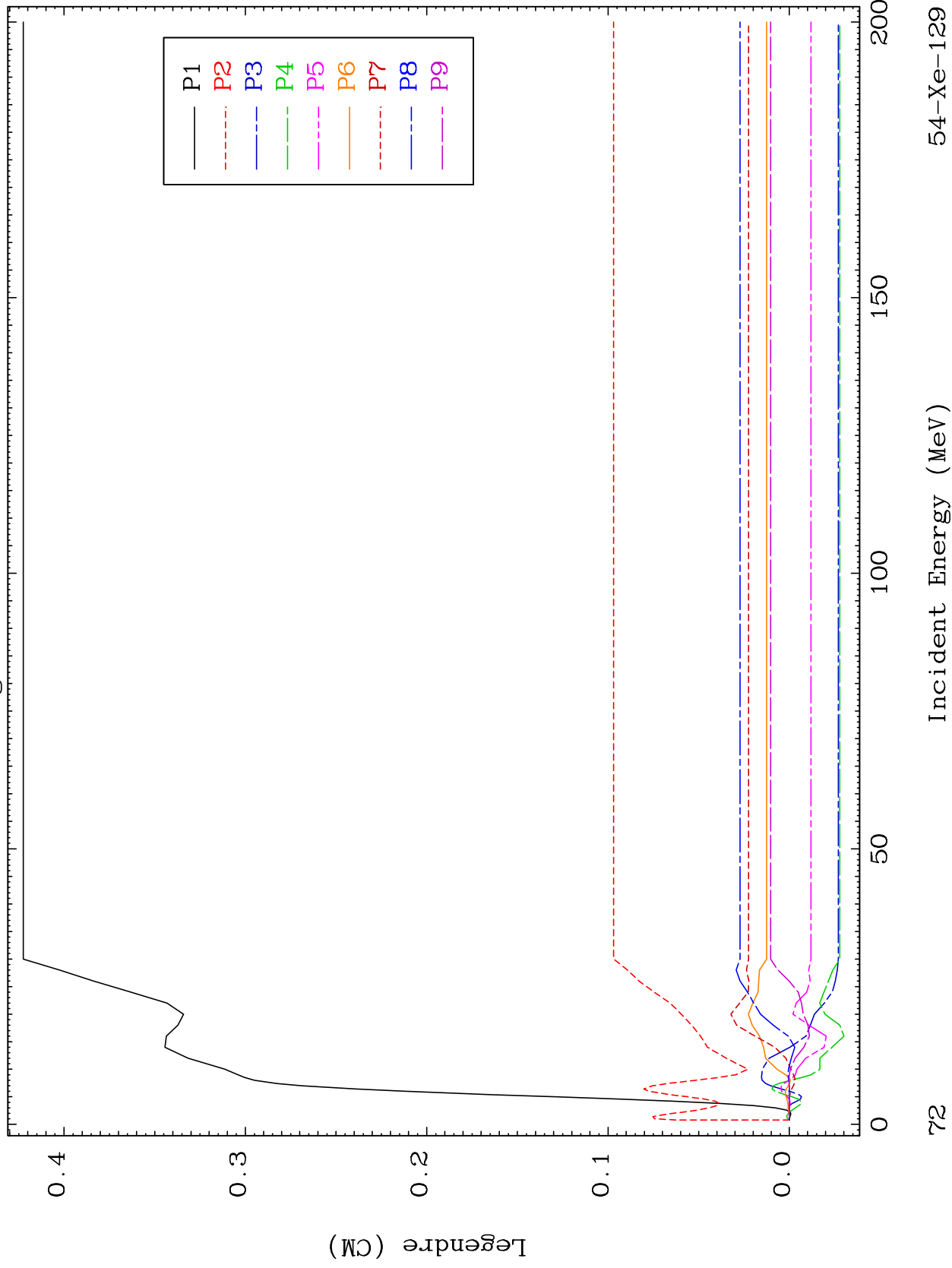
70



MAT 5440

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

54-Xe-129



72

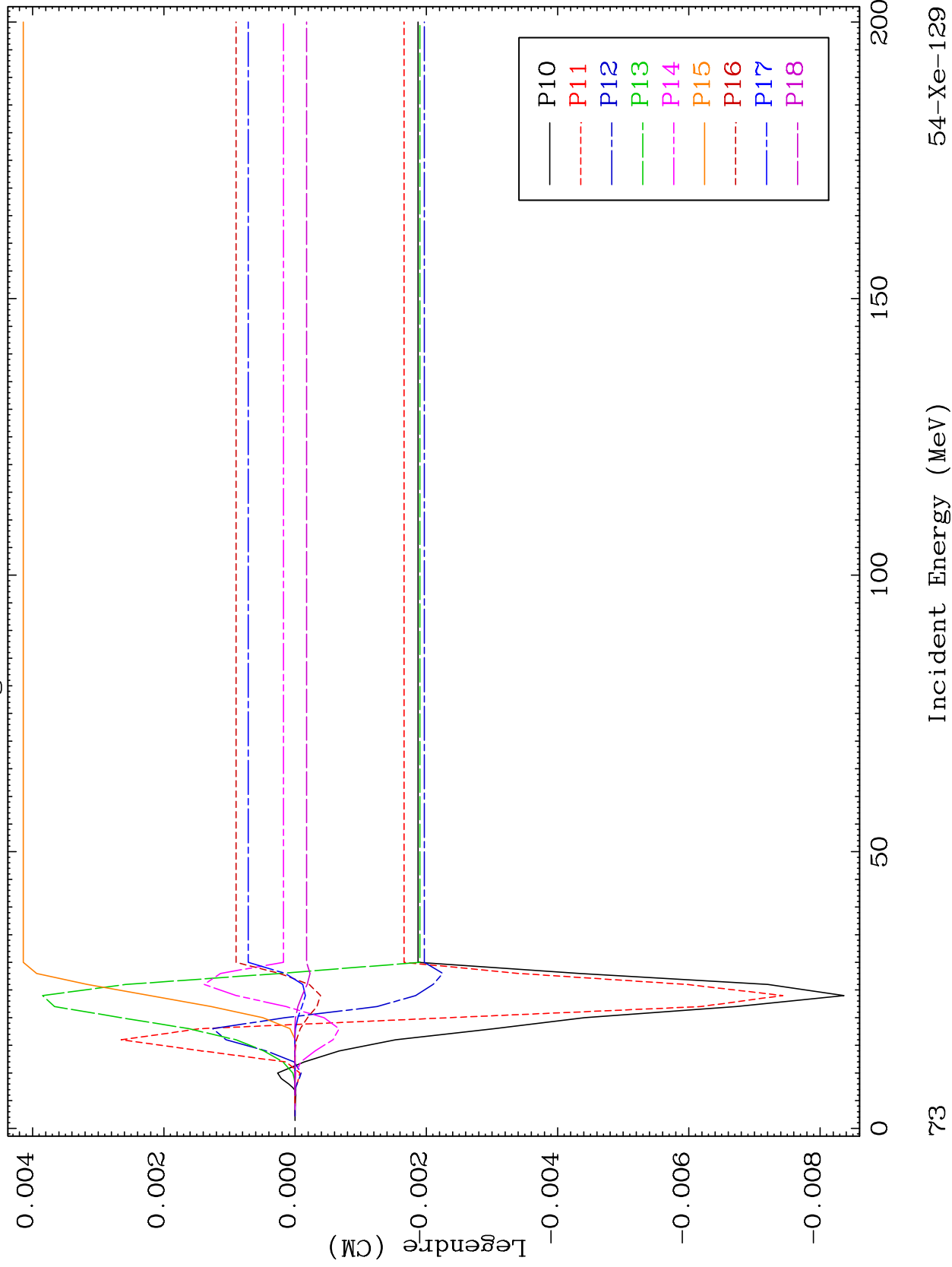
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

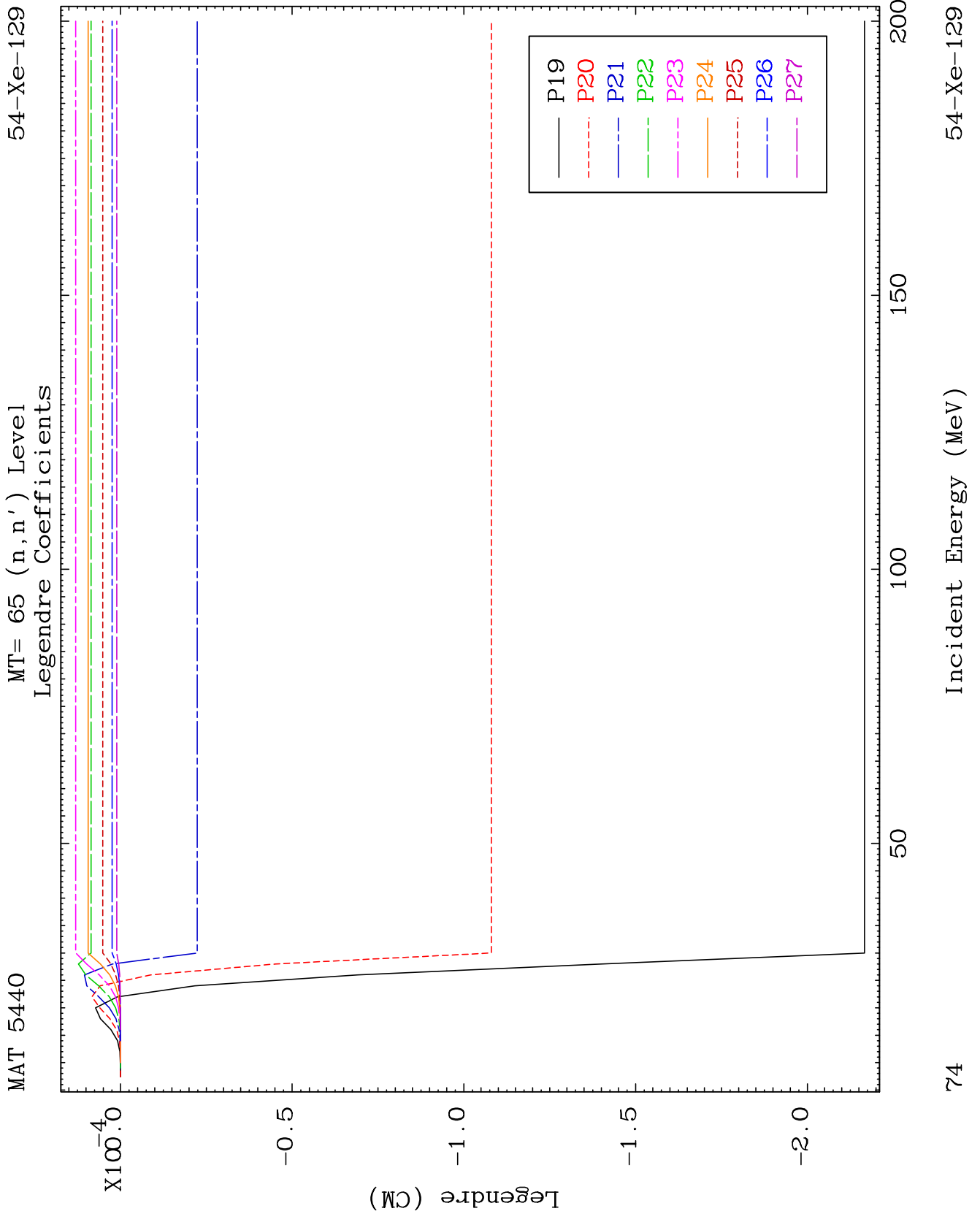
54-Xe-129



73

Incident Energy (MeV)

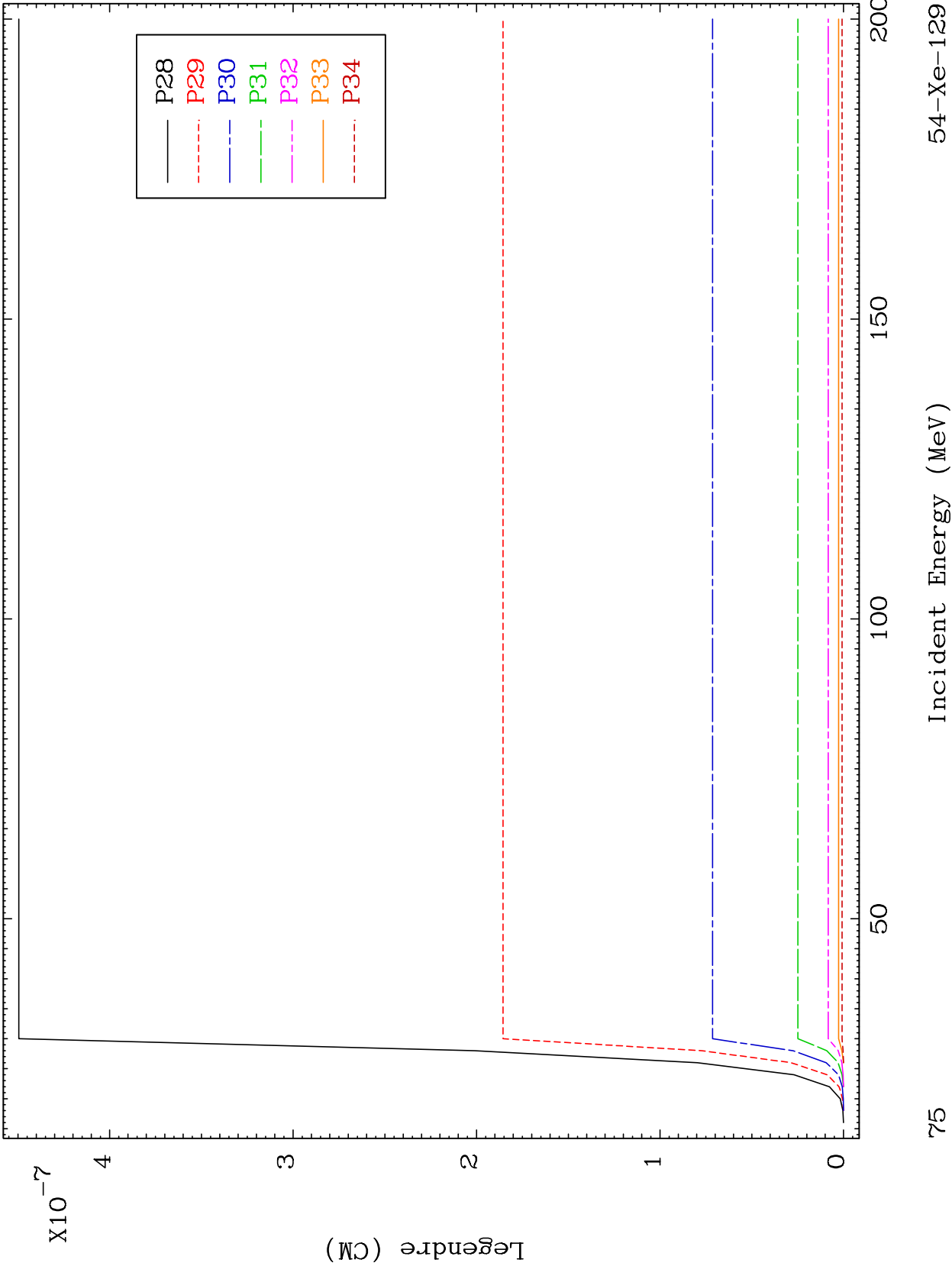
54-Xe-129



MAT 5440

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

54-Xe-129



75

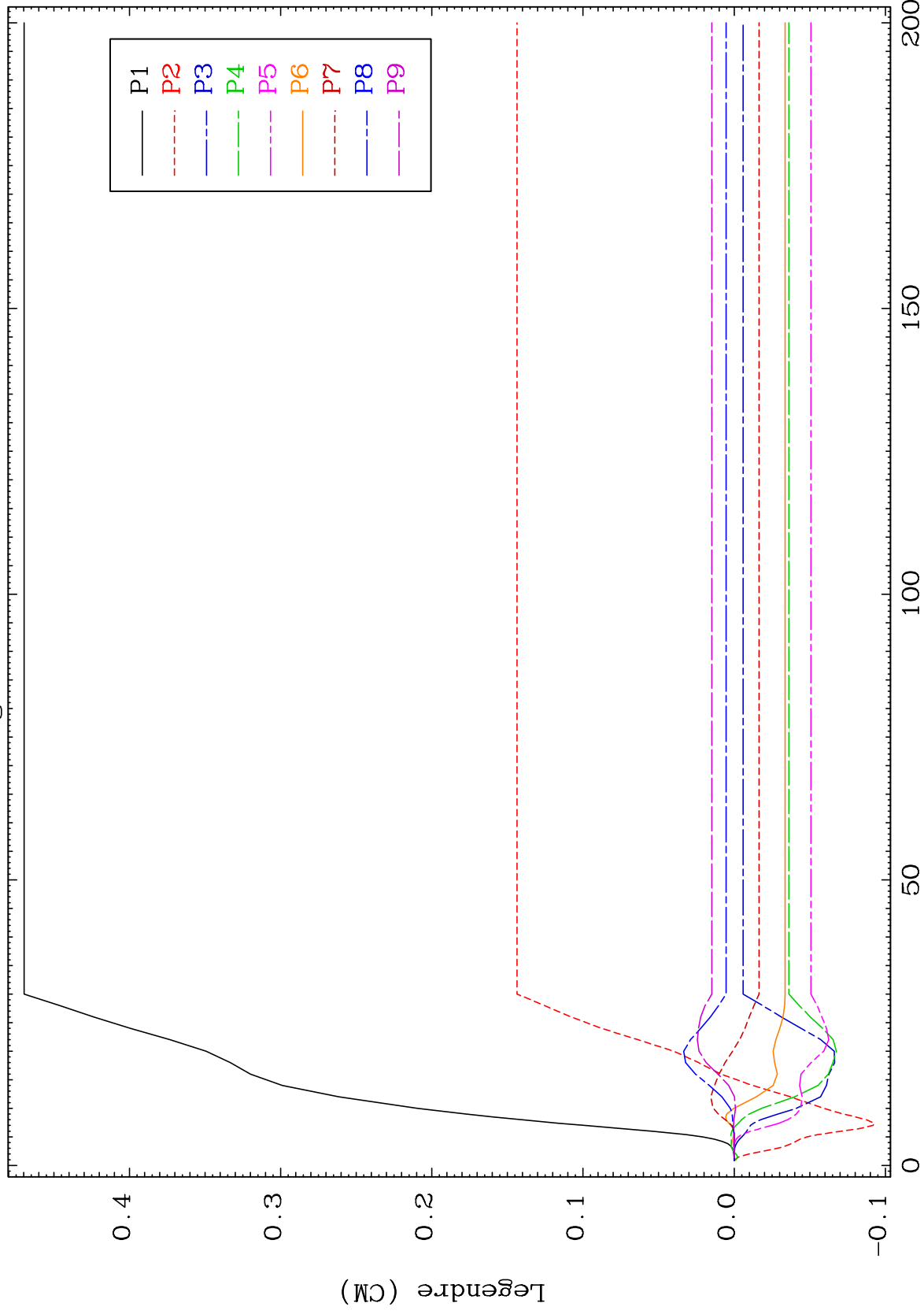
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



76

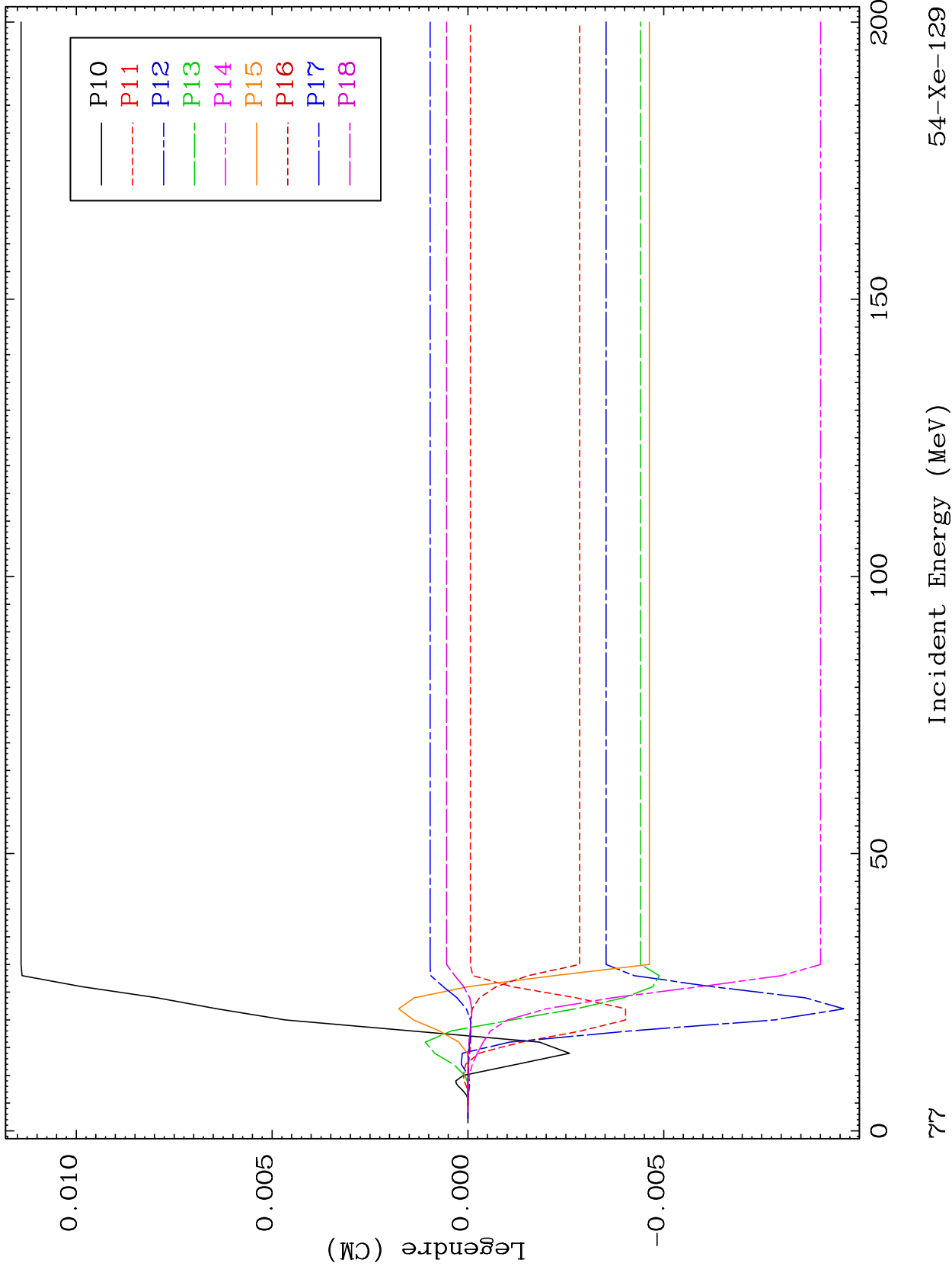
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



77

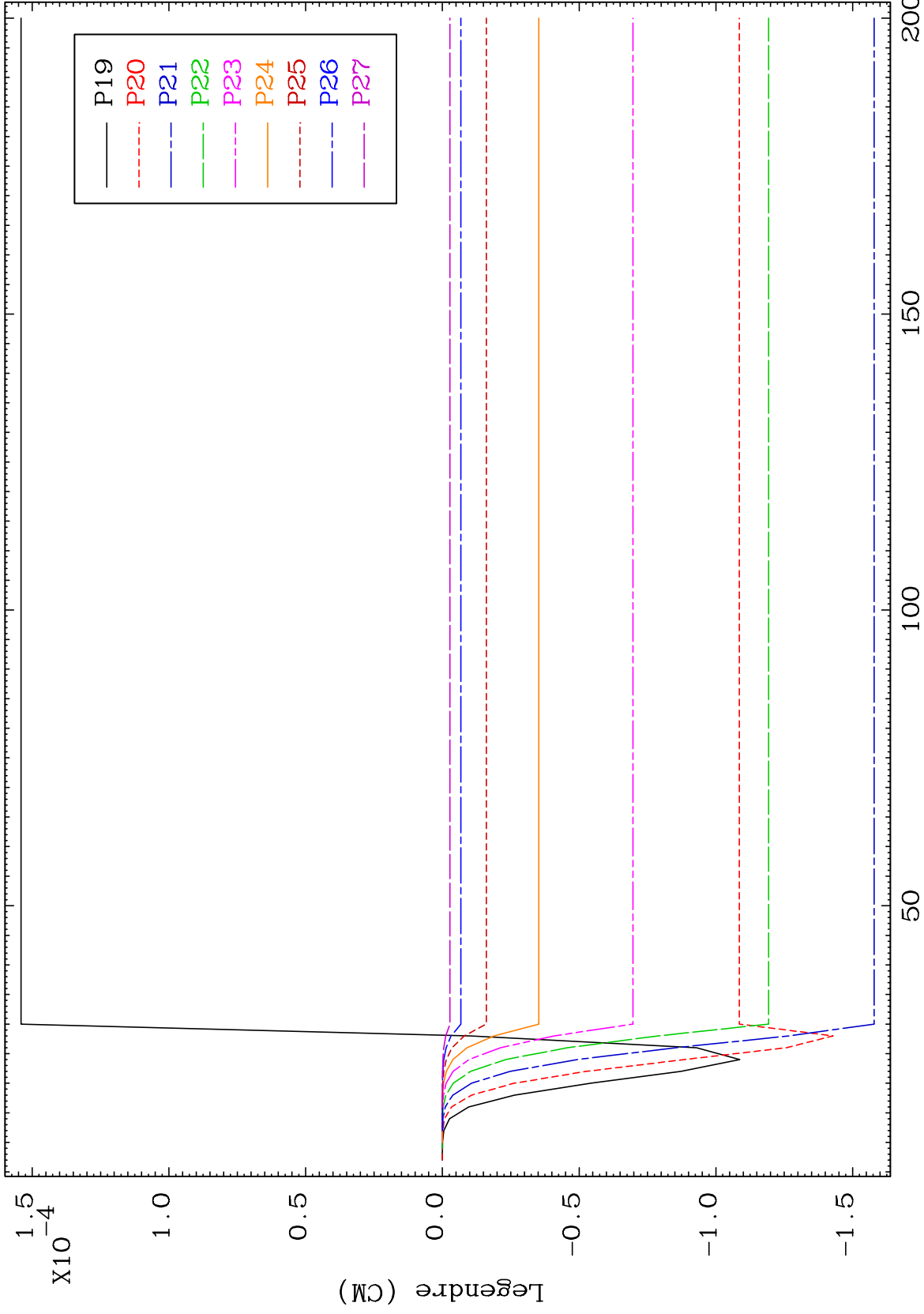
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



78

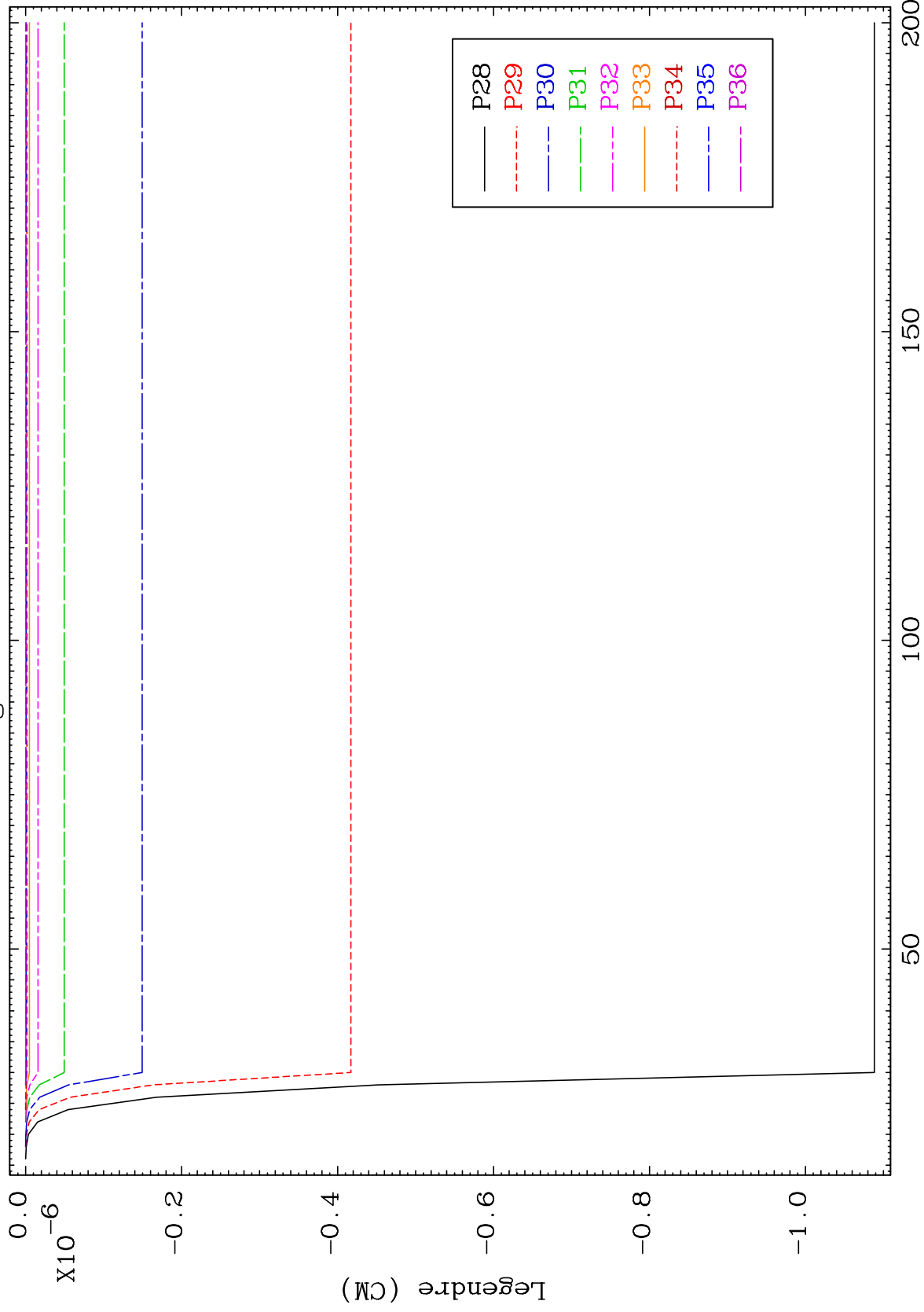
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

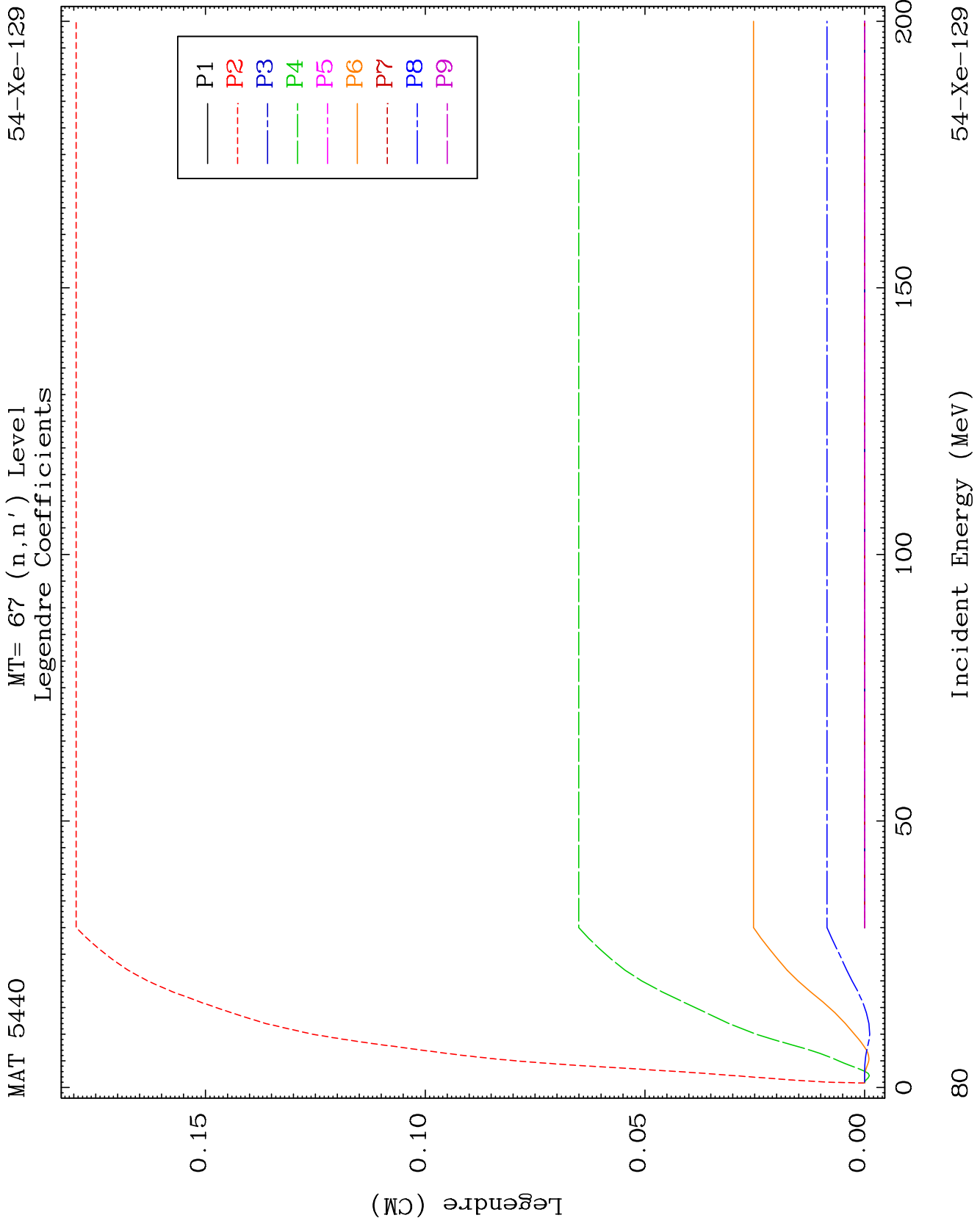
54-Xe-129



79

Incident Energy (MeV)

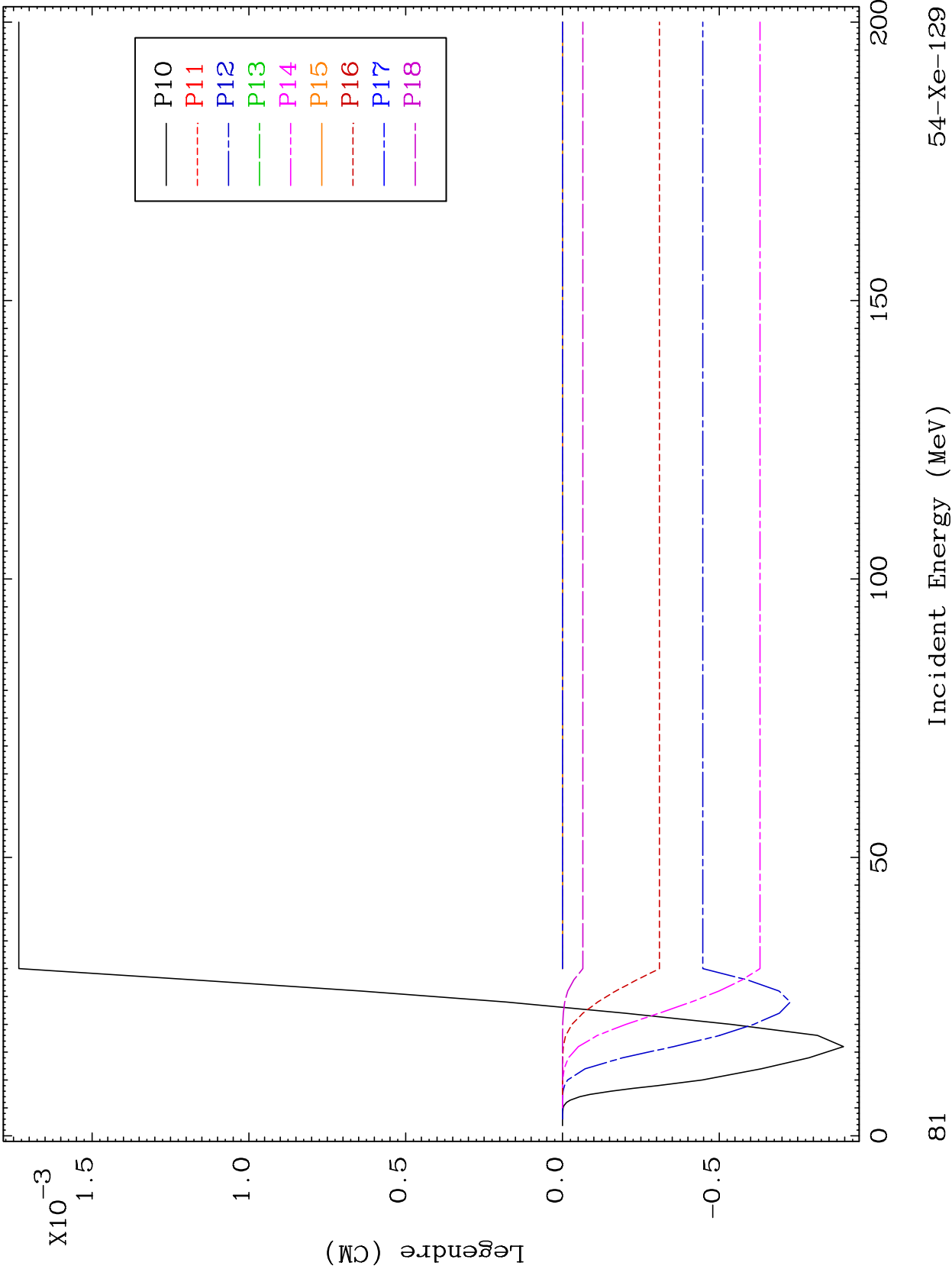
54-Xe-129



MAT 5440

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

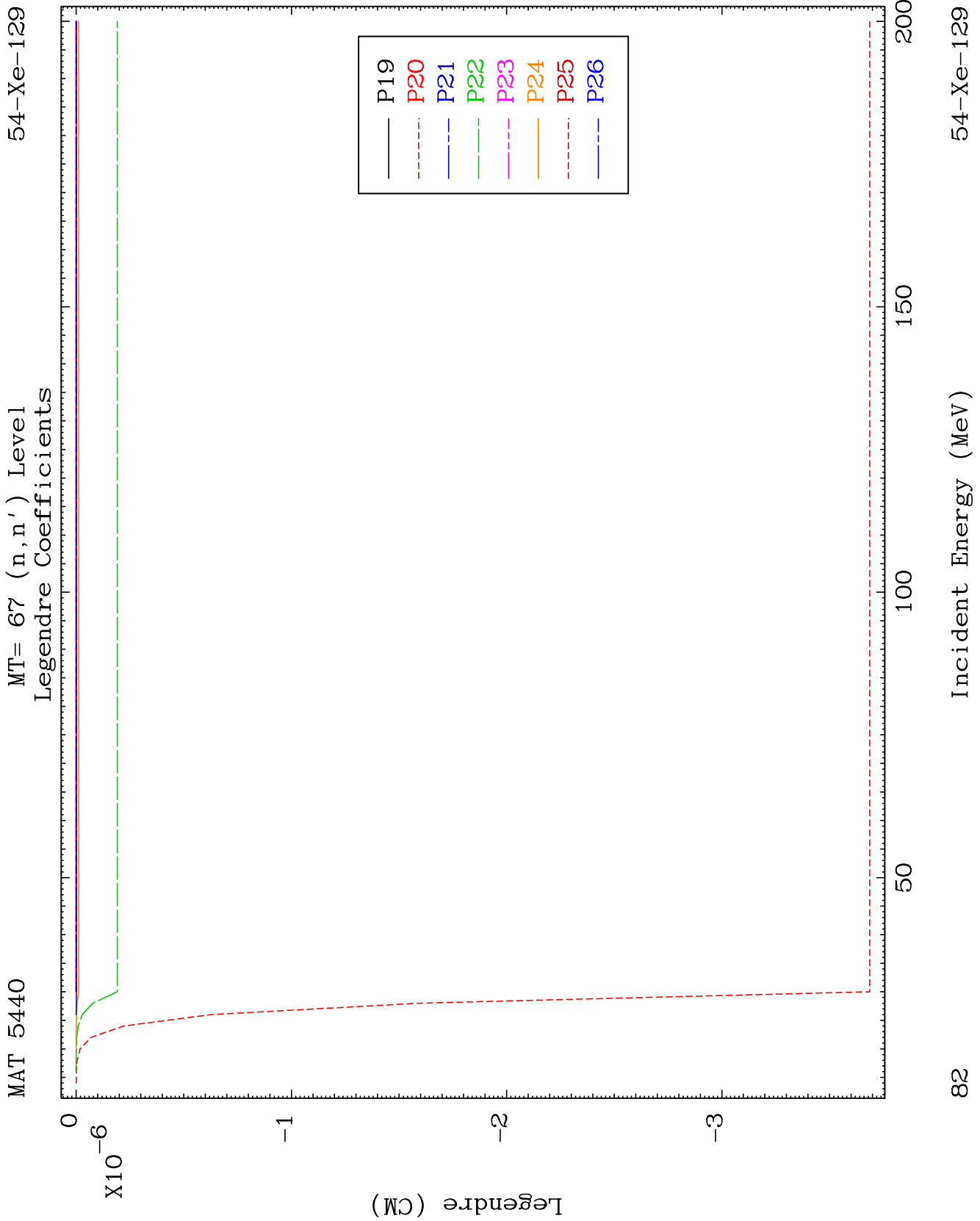
54-Xe-129

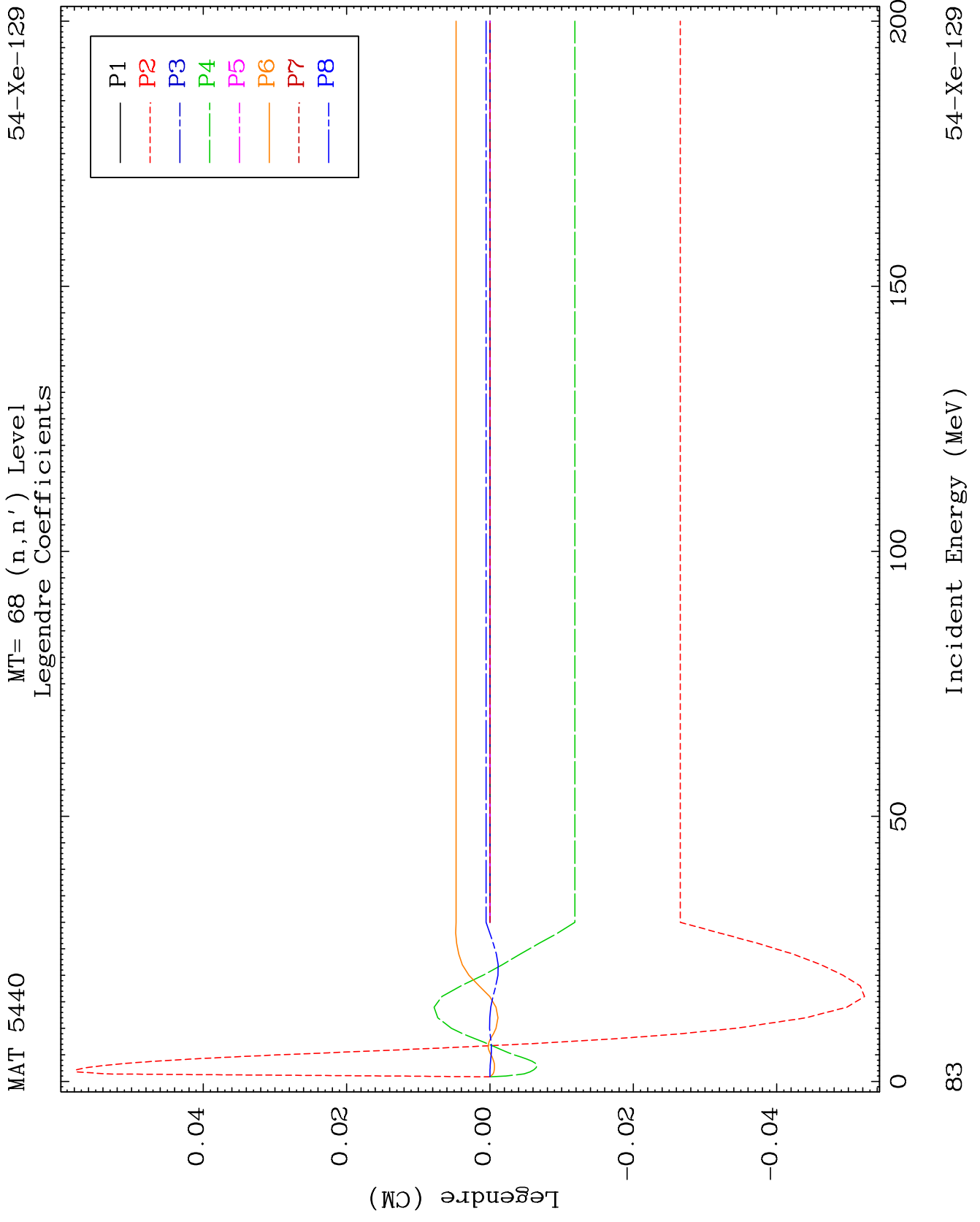


81

Incident Energy (MeV)

54-Xe-129

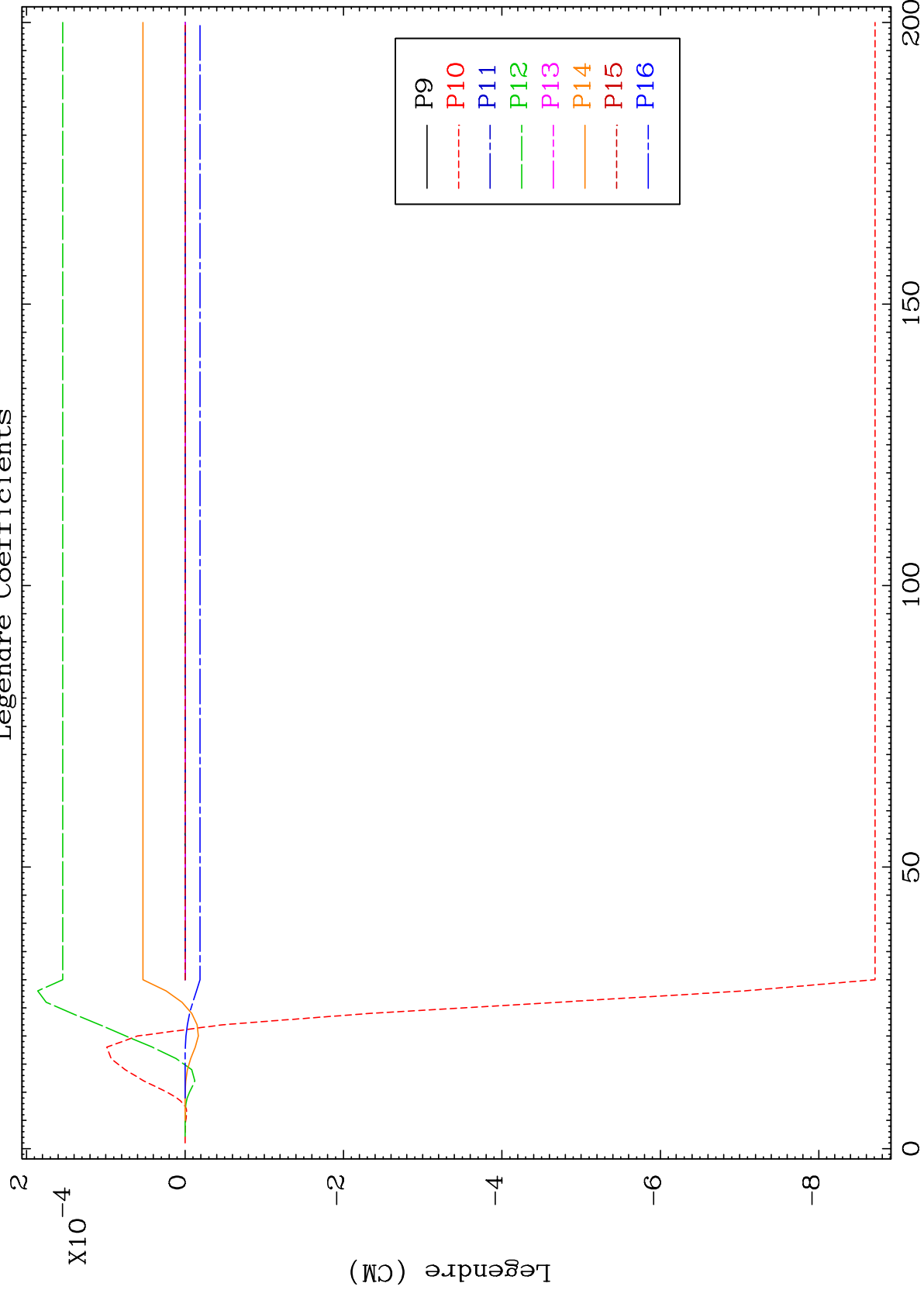




MAT 5440

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

54-Xe-129



84

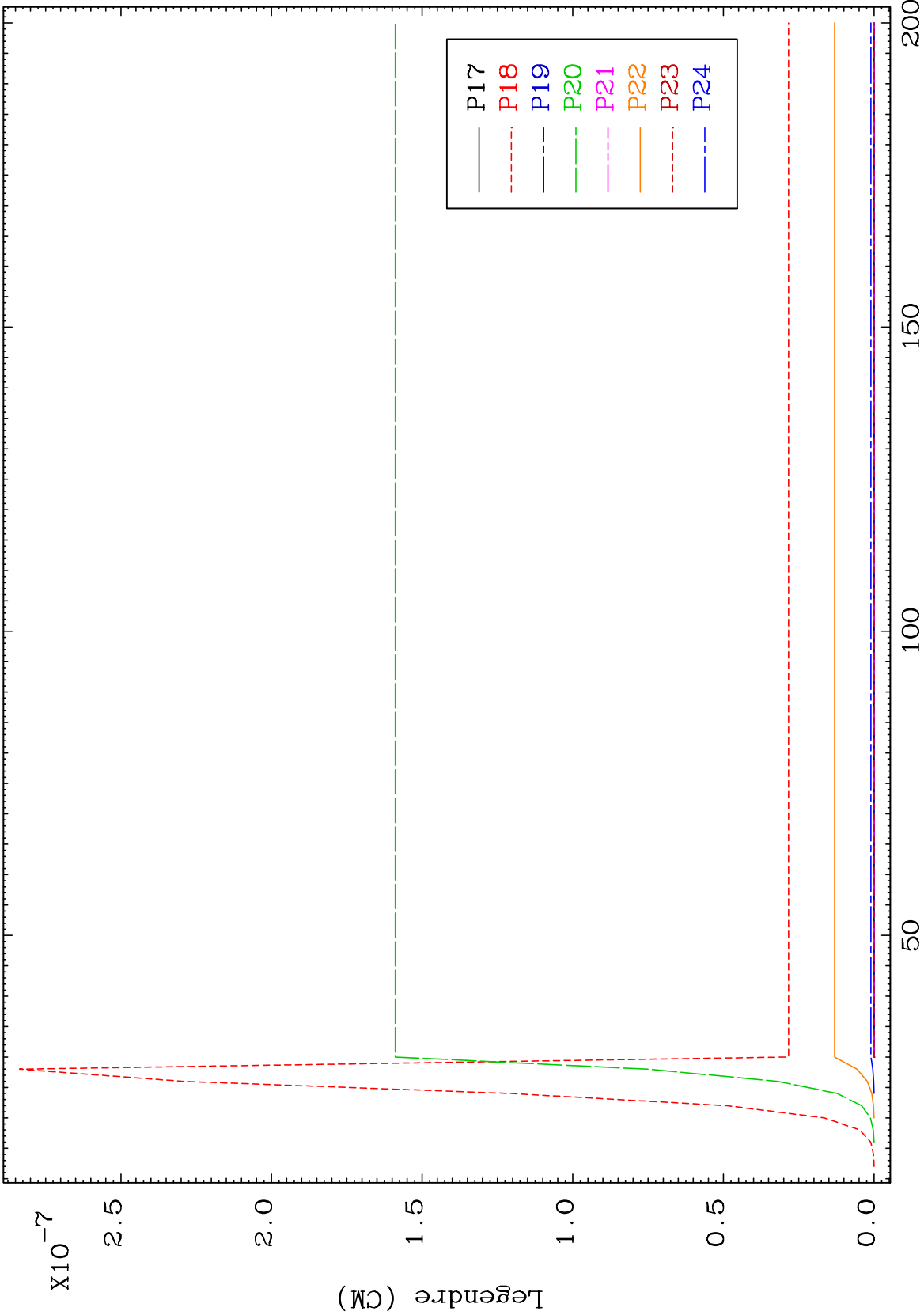
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



85

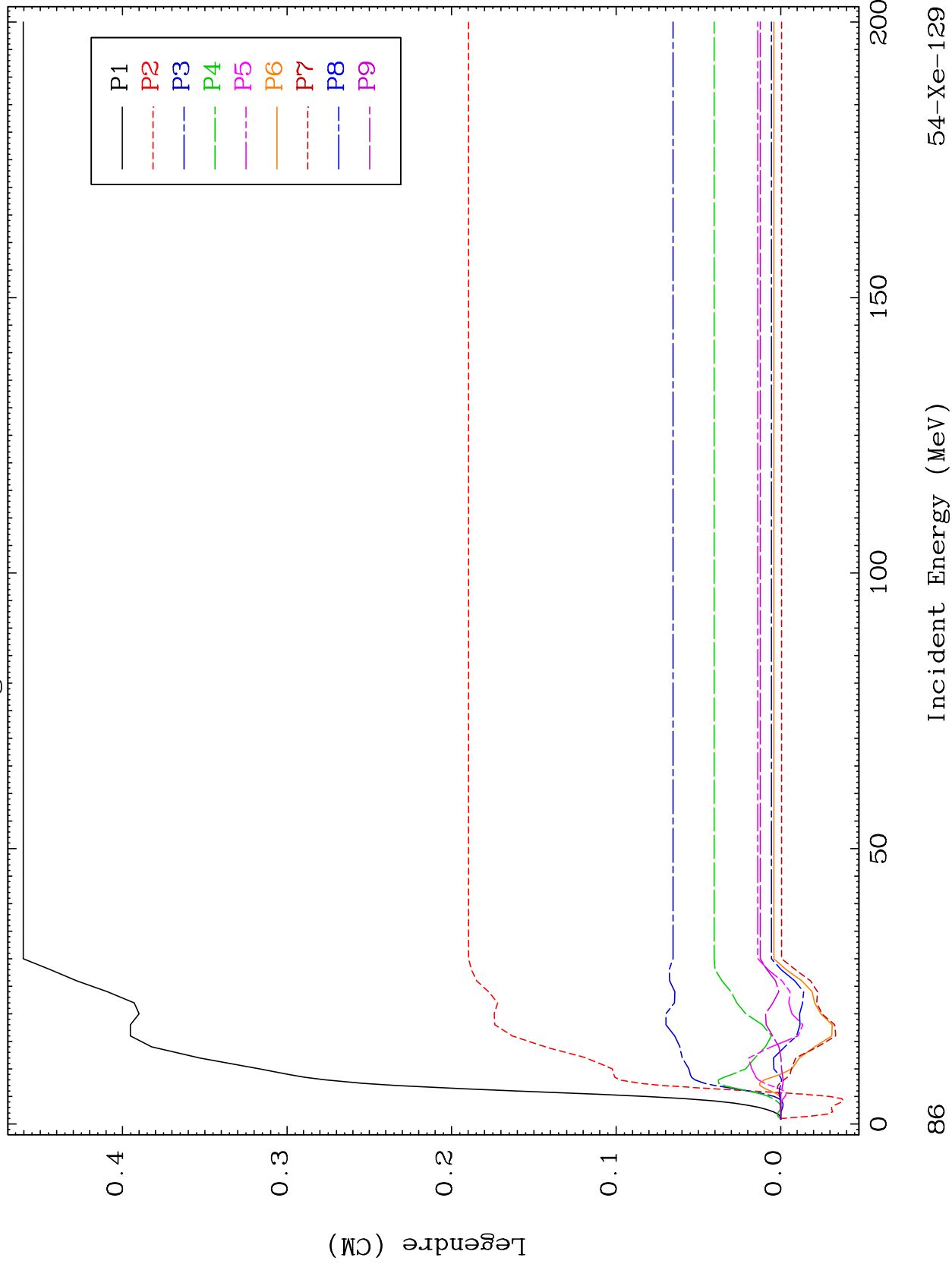
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

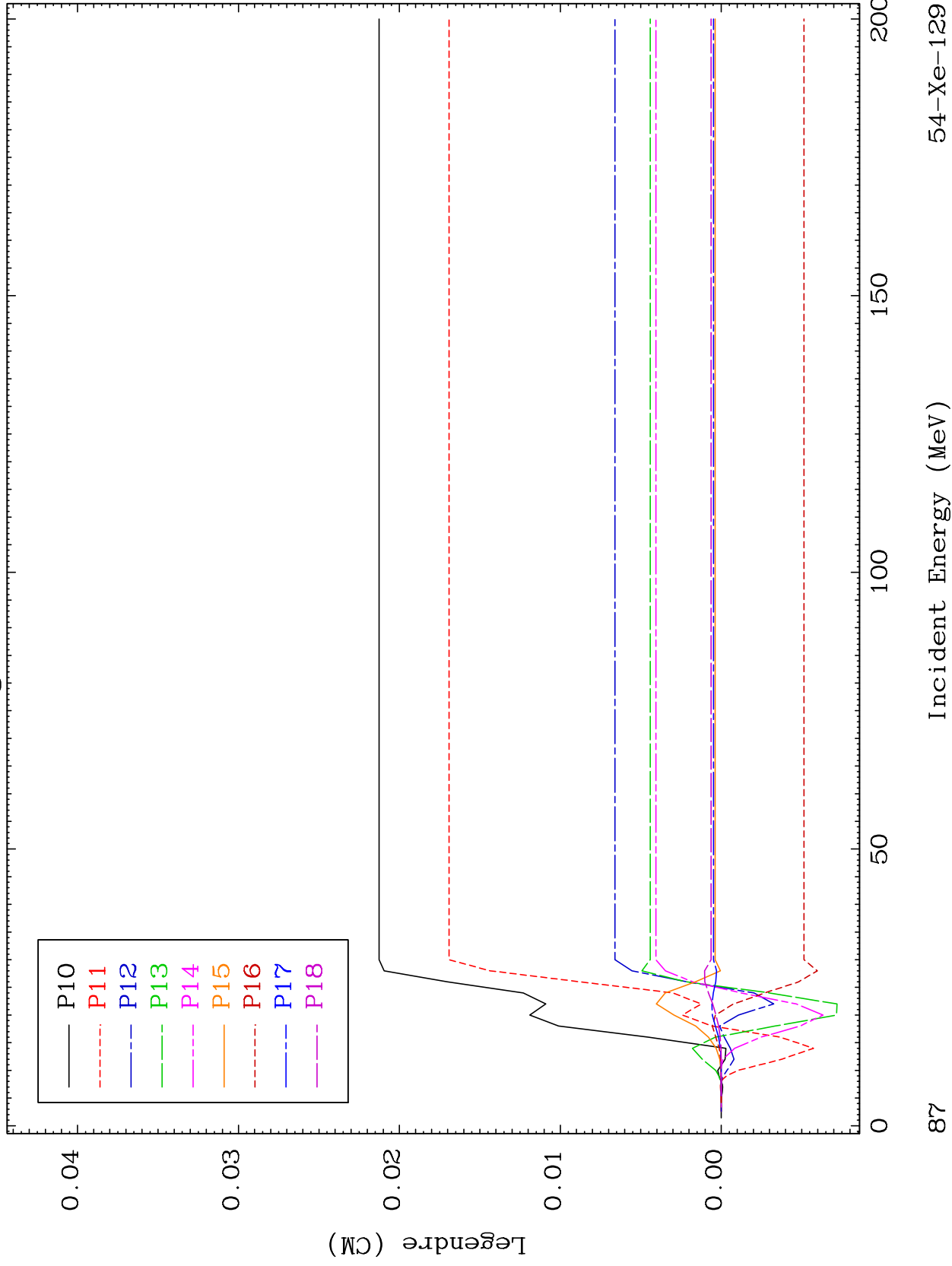
Incident Energy (MeV)

86

MAT 5440

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

54-Xe-129



87

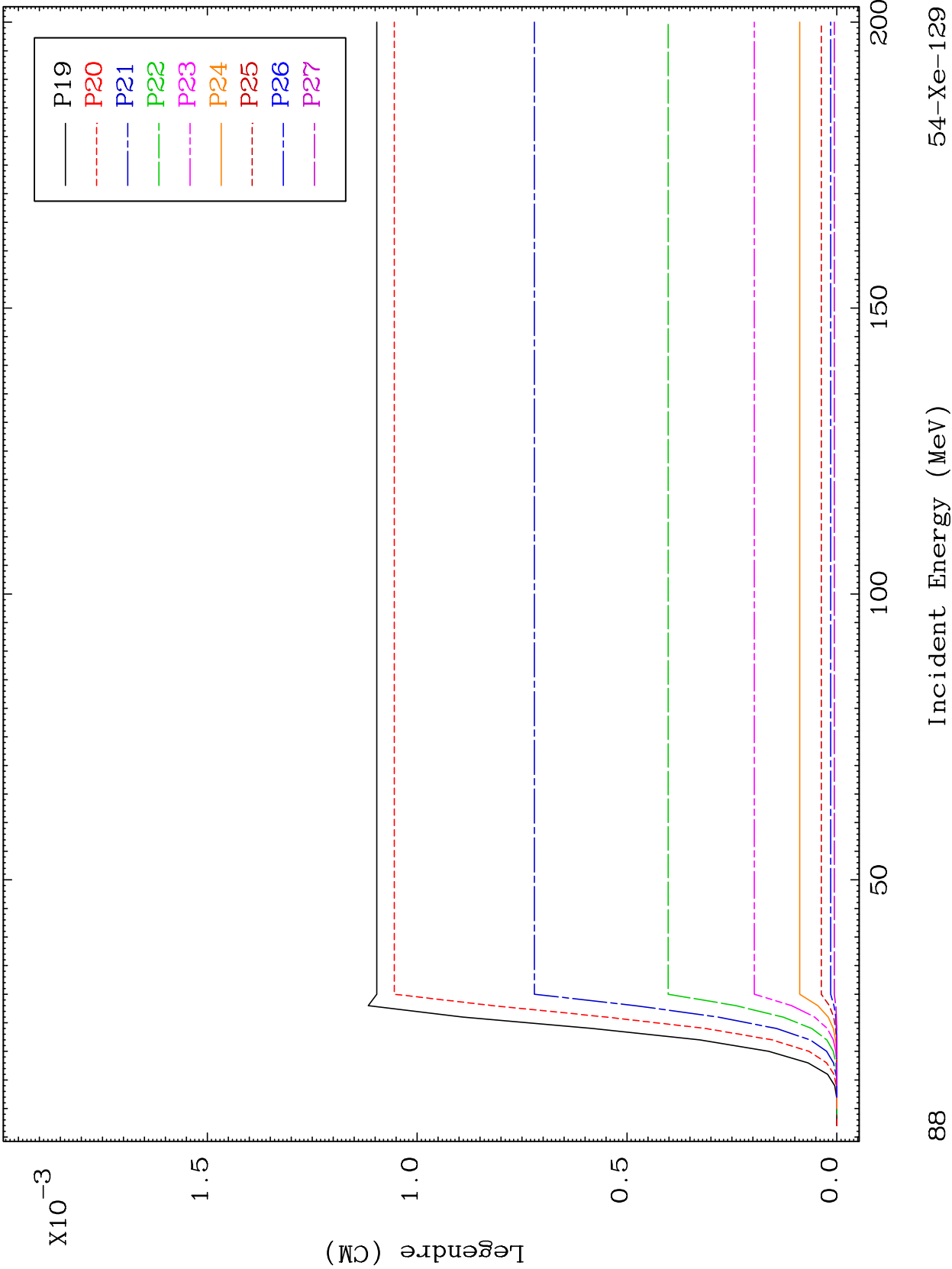
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



88

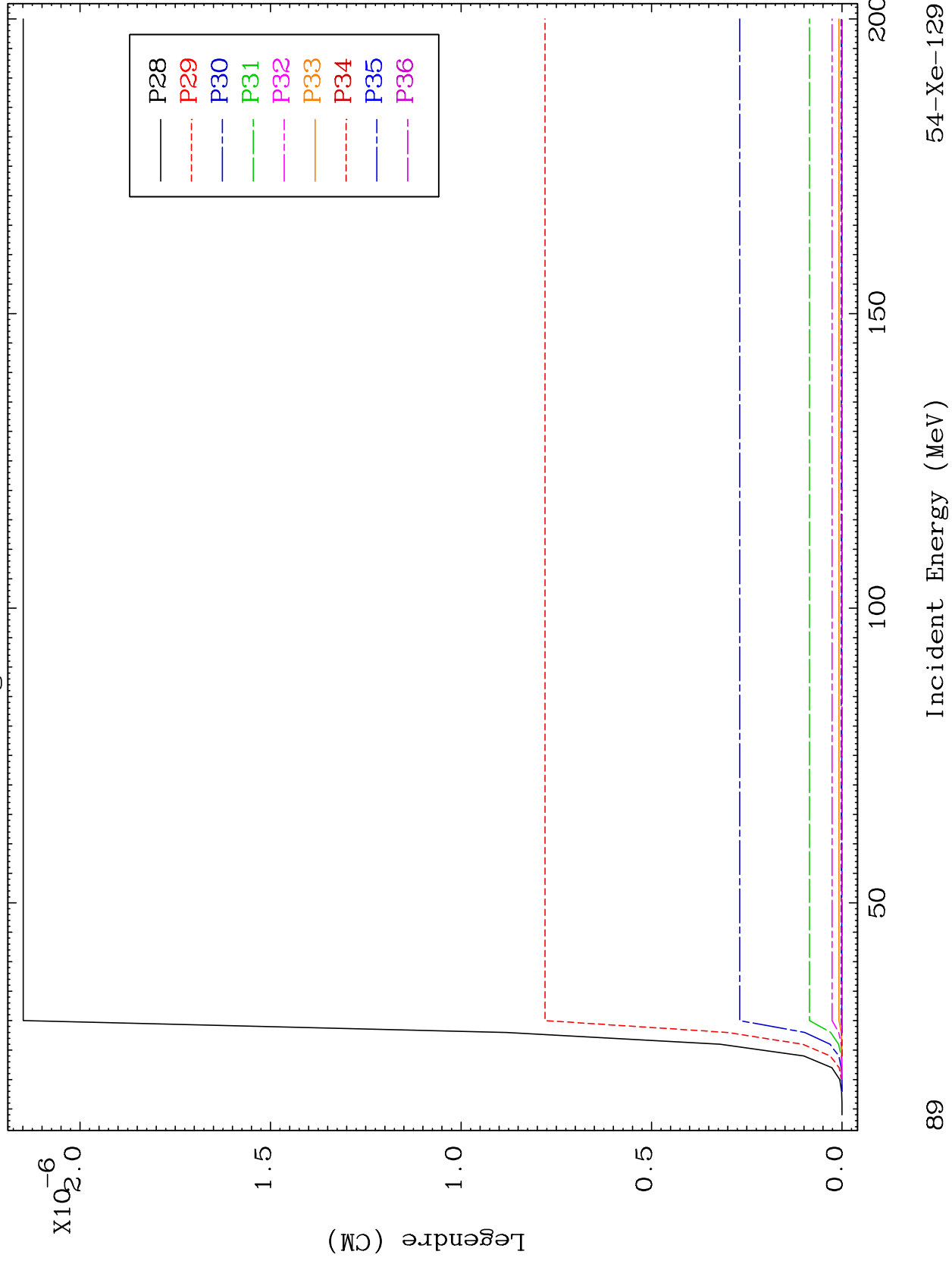
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129

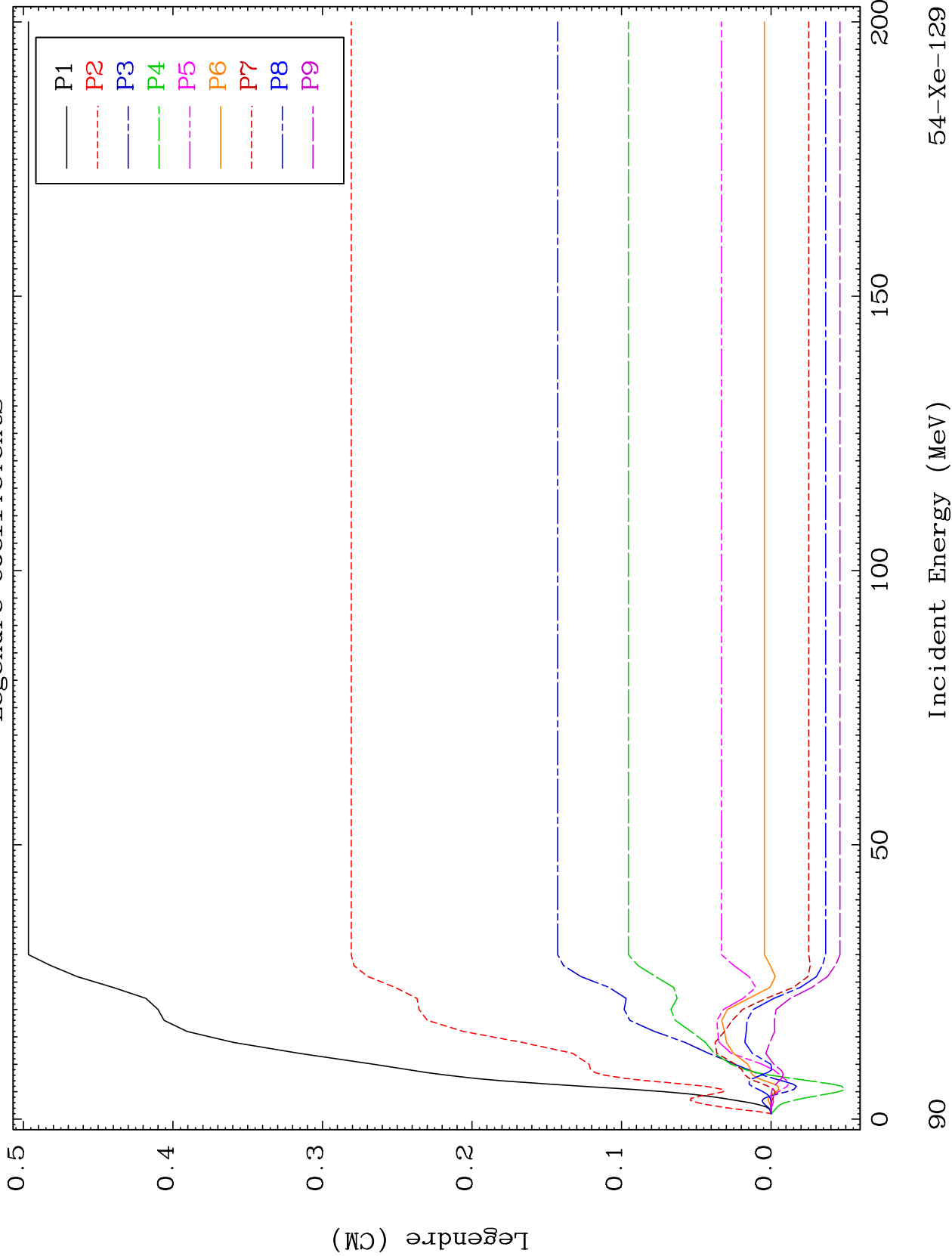


MAT 5440

MT= 70 (n,n') Level

54-Xe-129

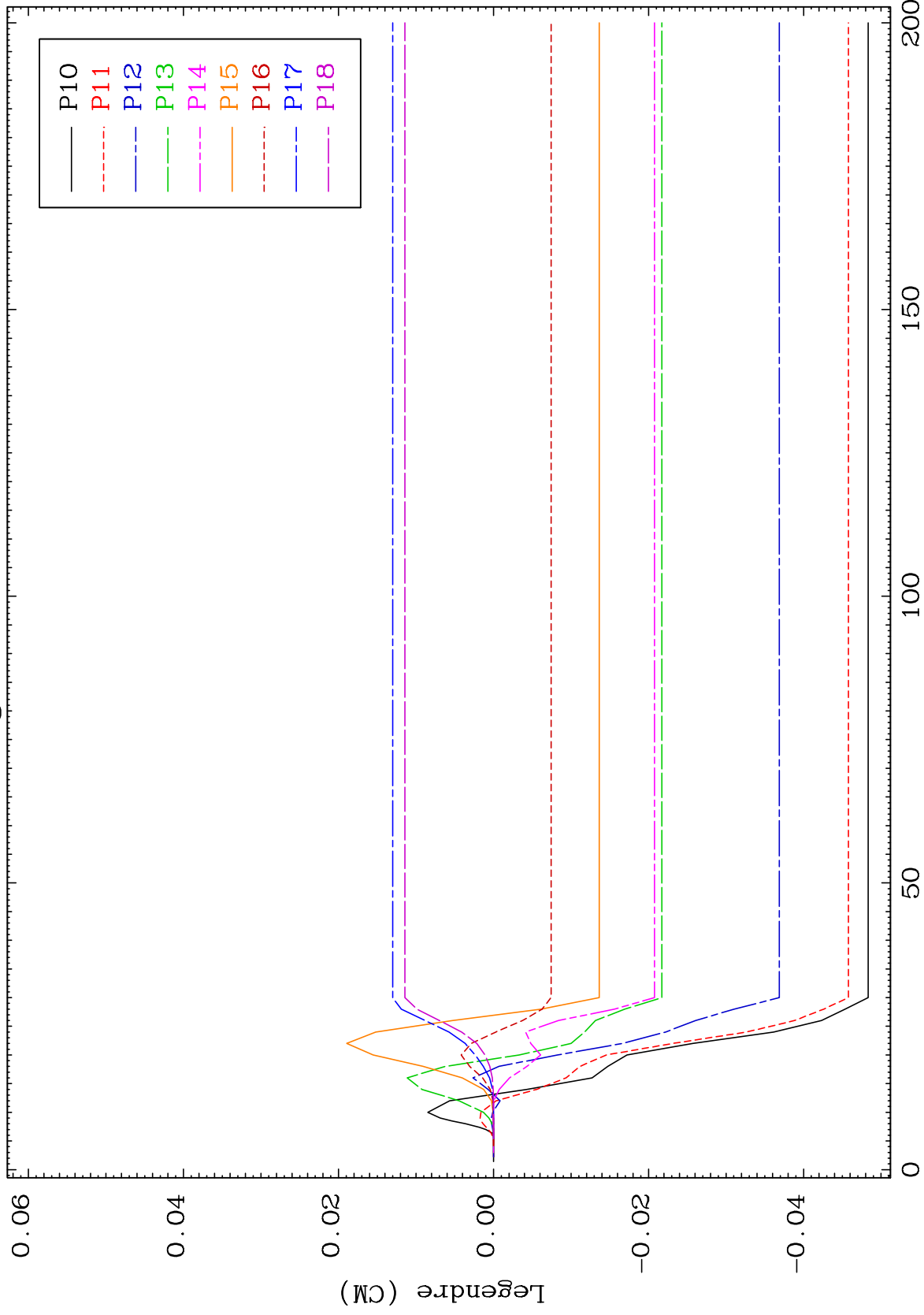
Legendre Coefficients



MAT 5440

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

54-Xe-129



91

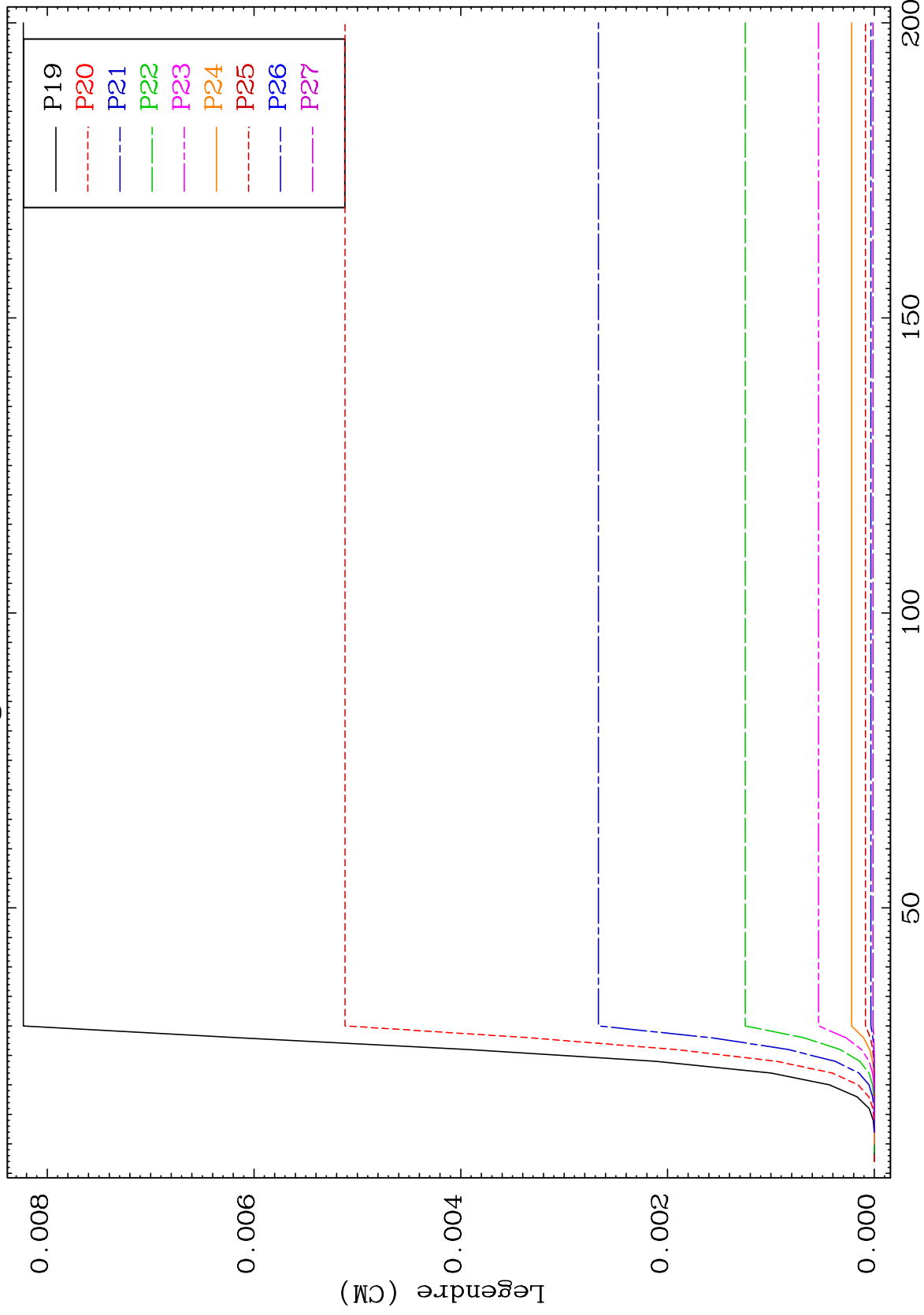
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



92

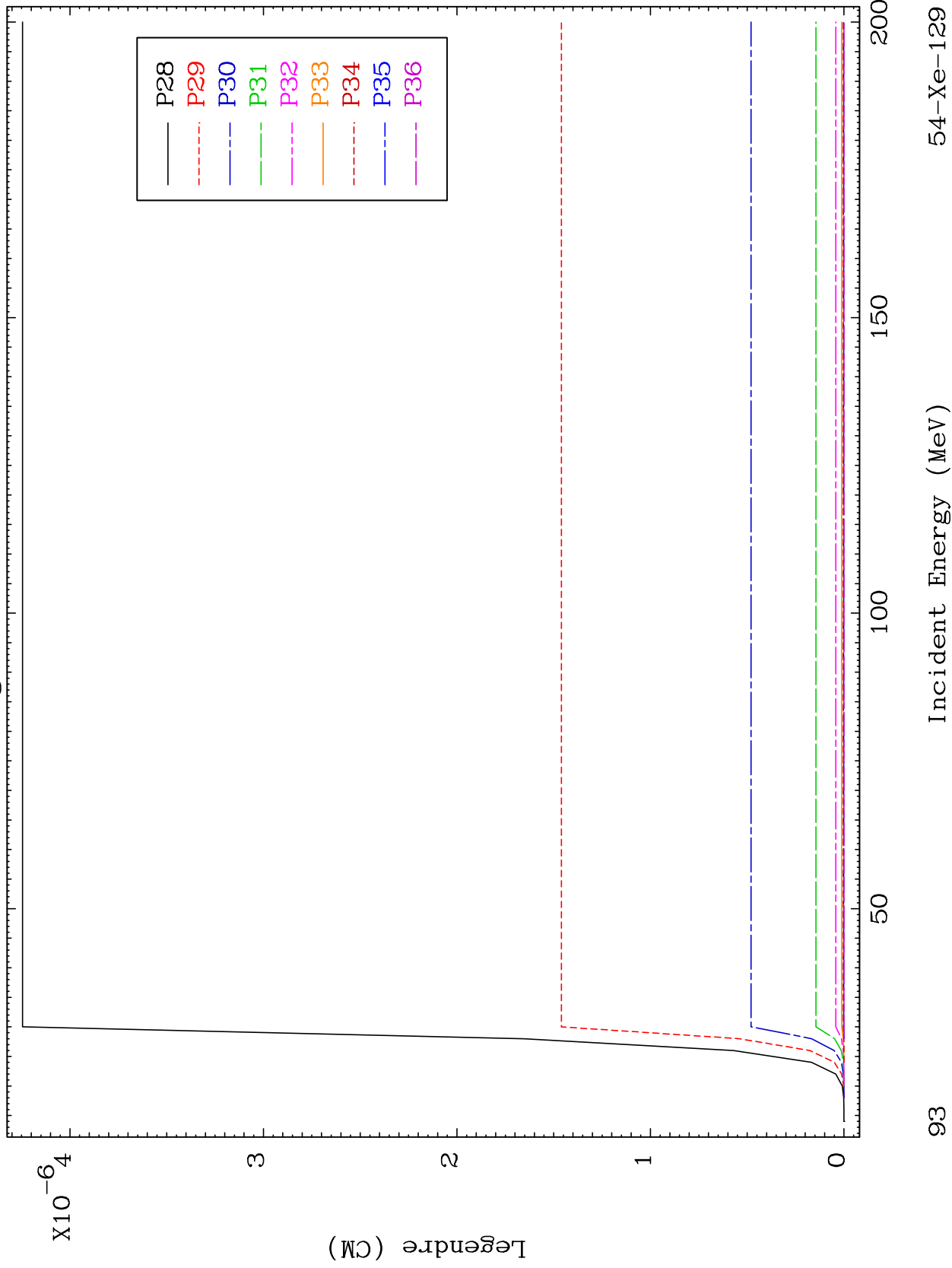
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

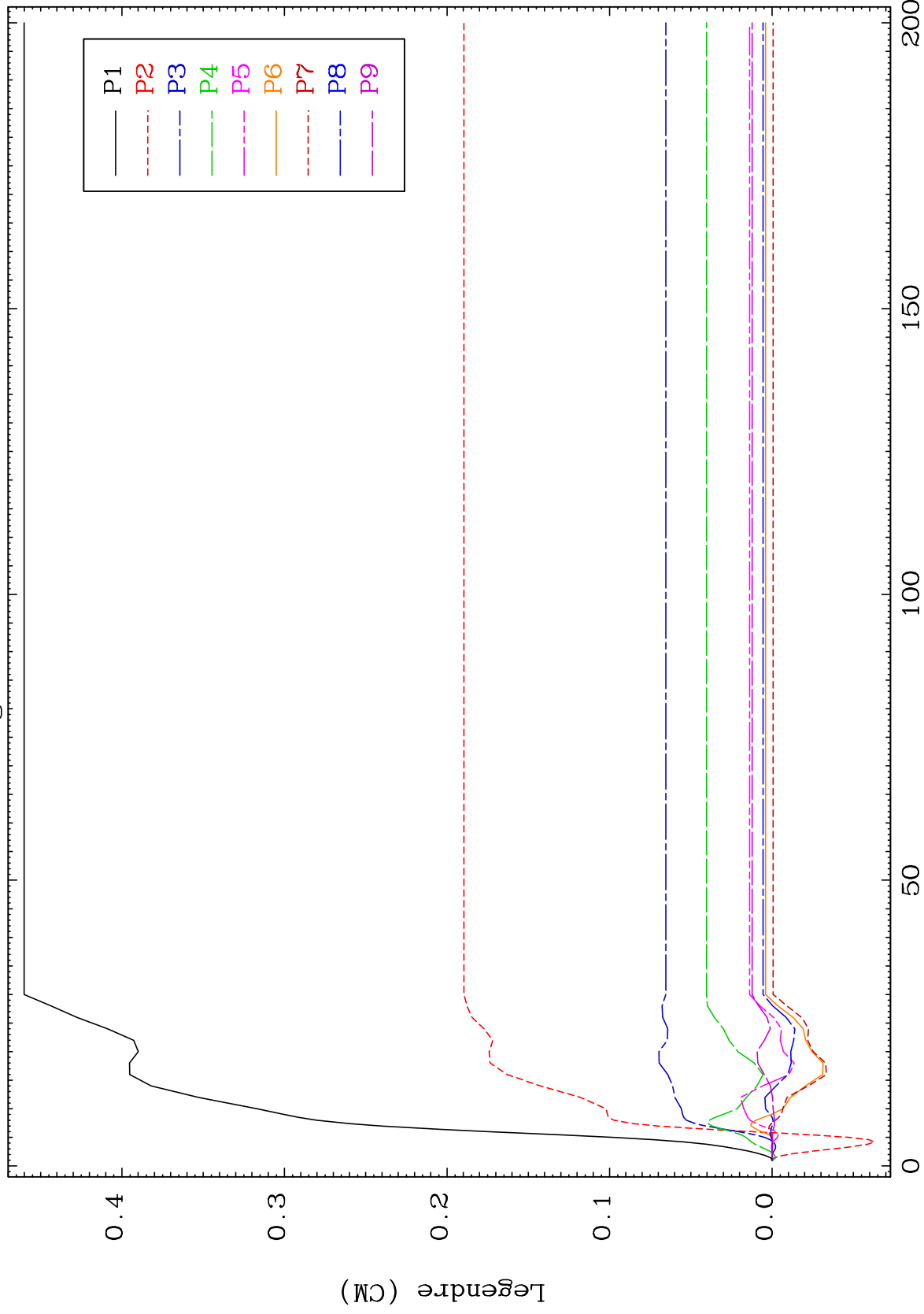
54-Xe-129



MAT 5440

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

54-Xe-129



94

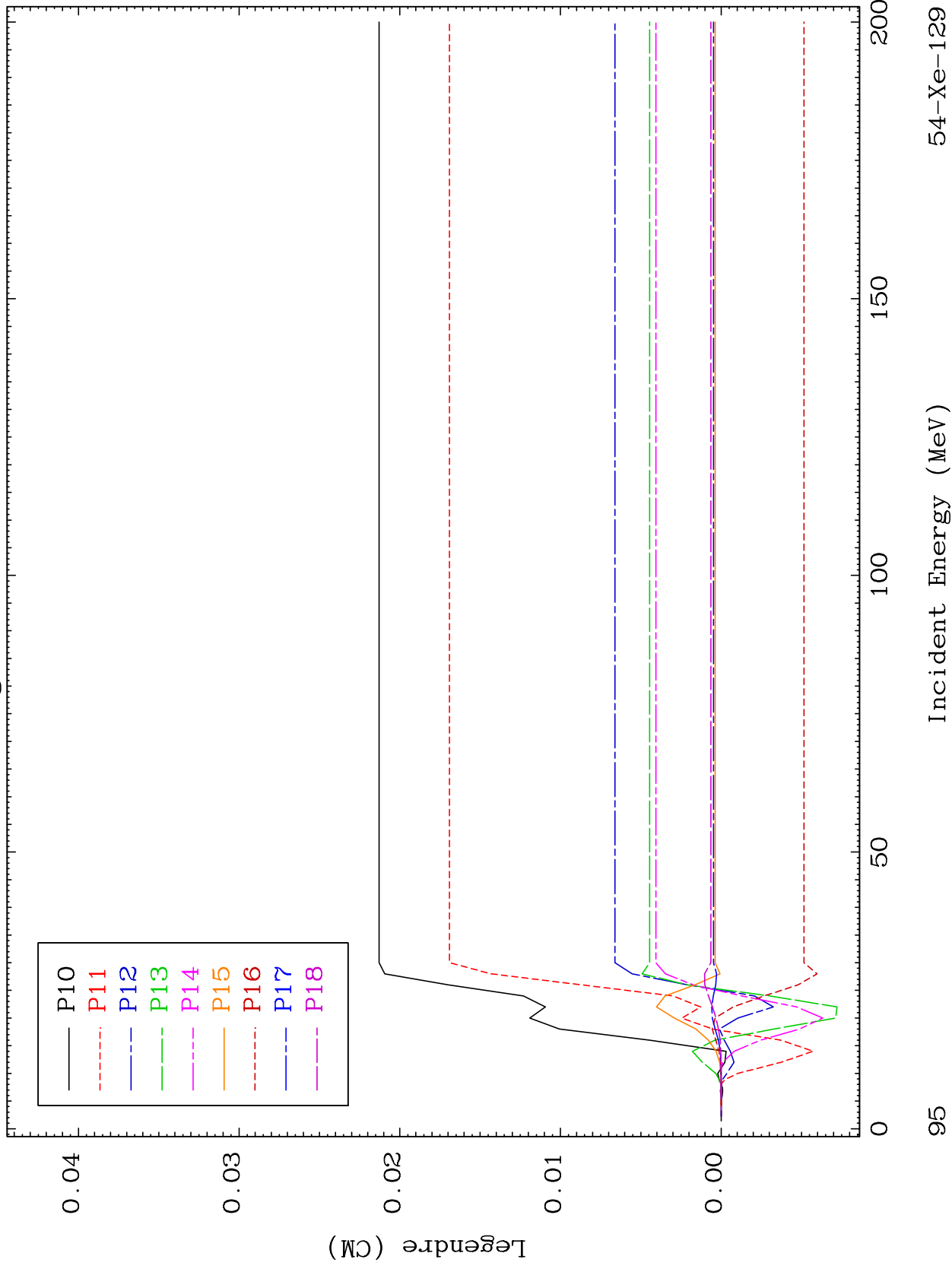
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

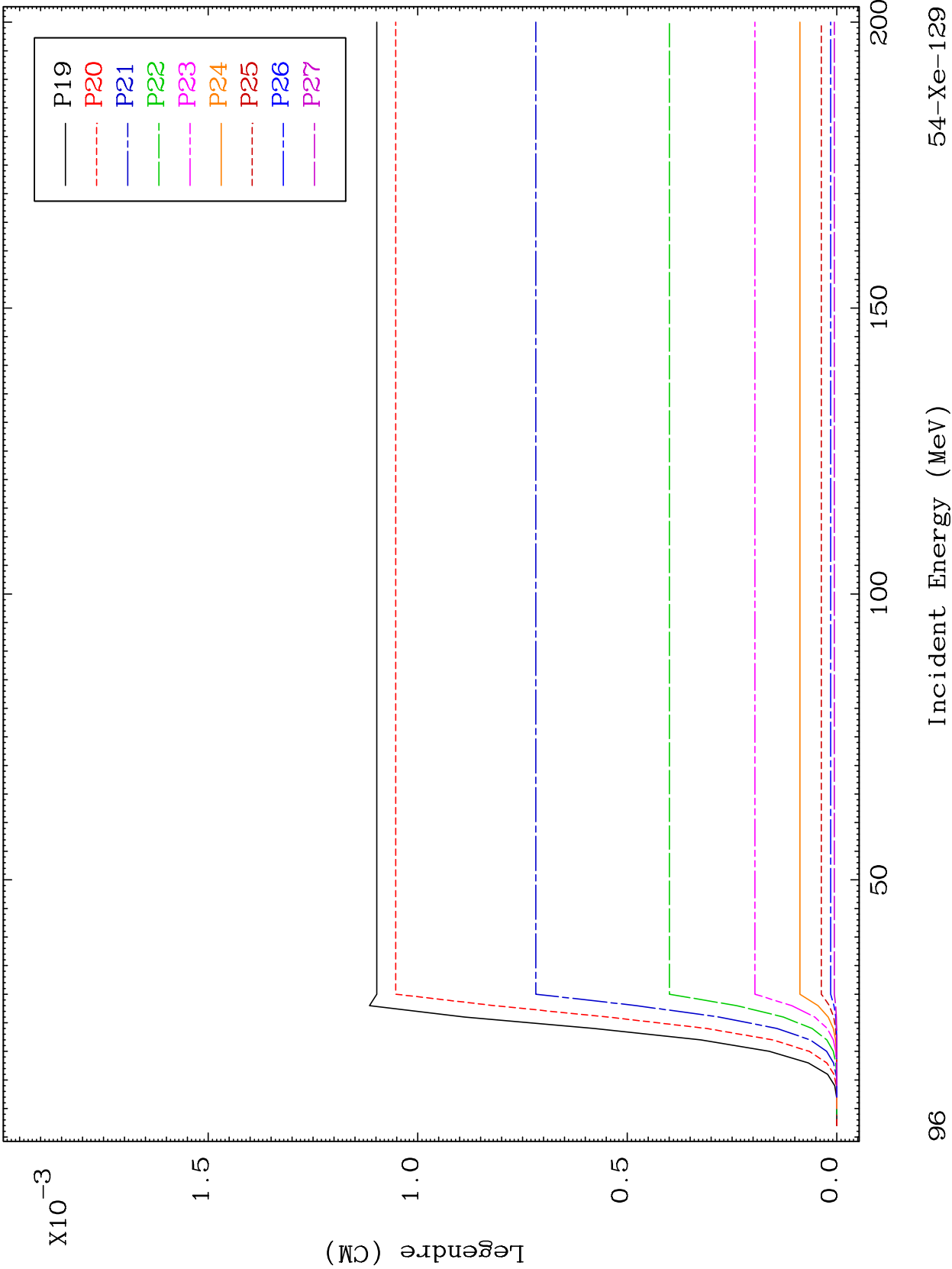
Incident Energy (MeV)

95

MAT 5440

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

54-Xe-129



96

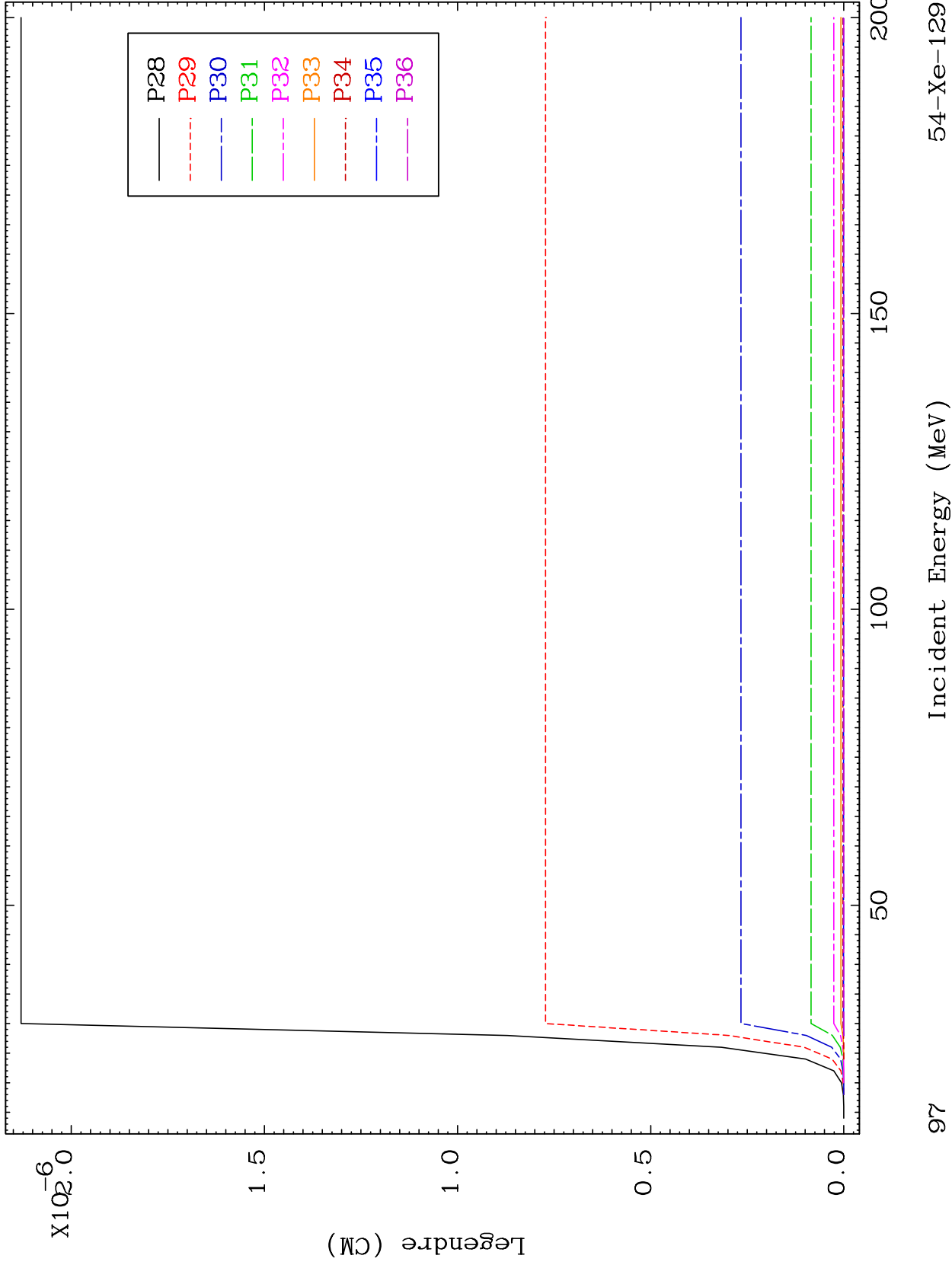
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



97

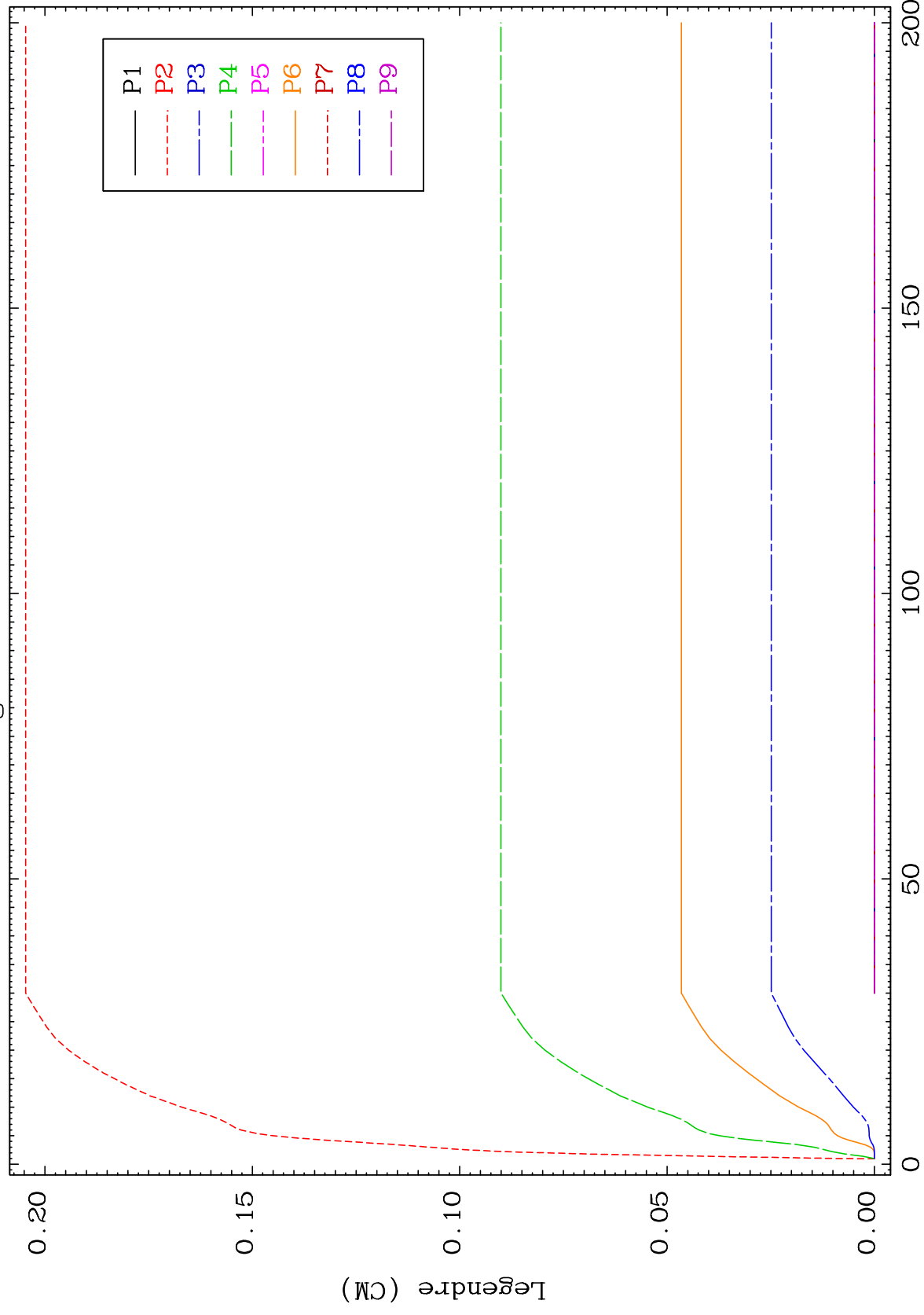
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



98

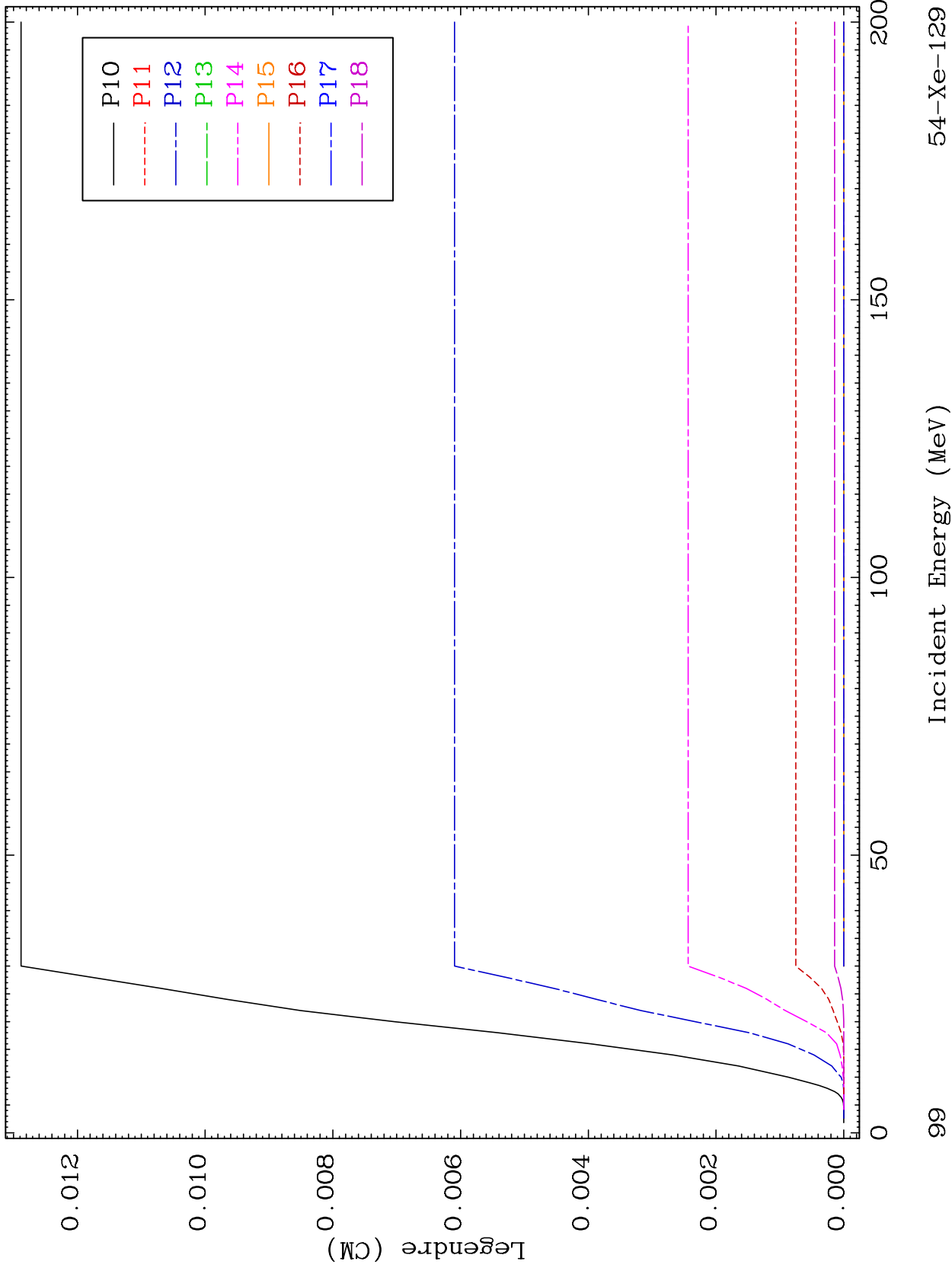
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



99

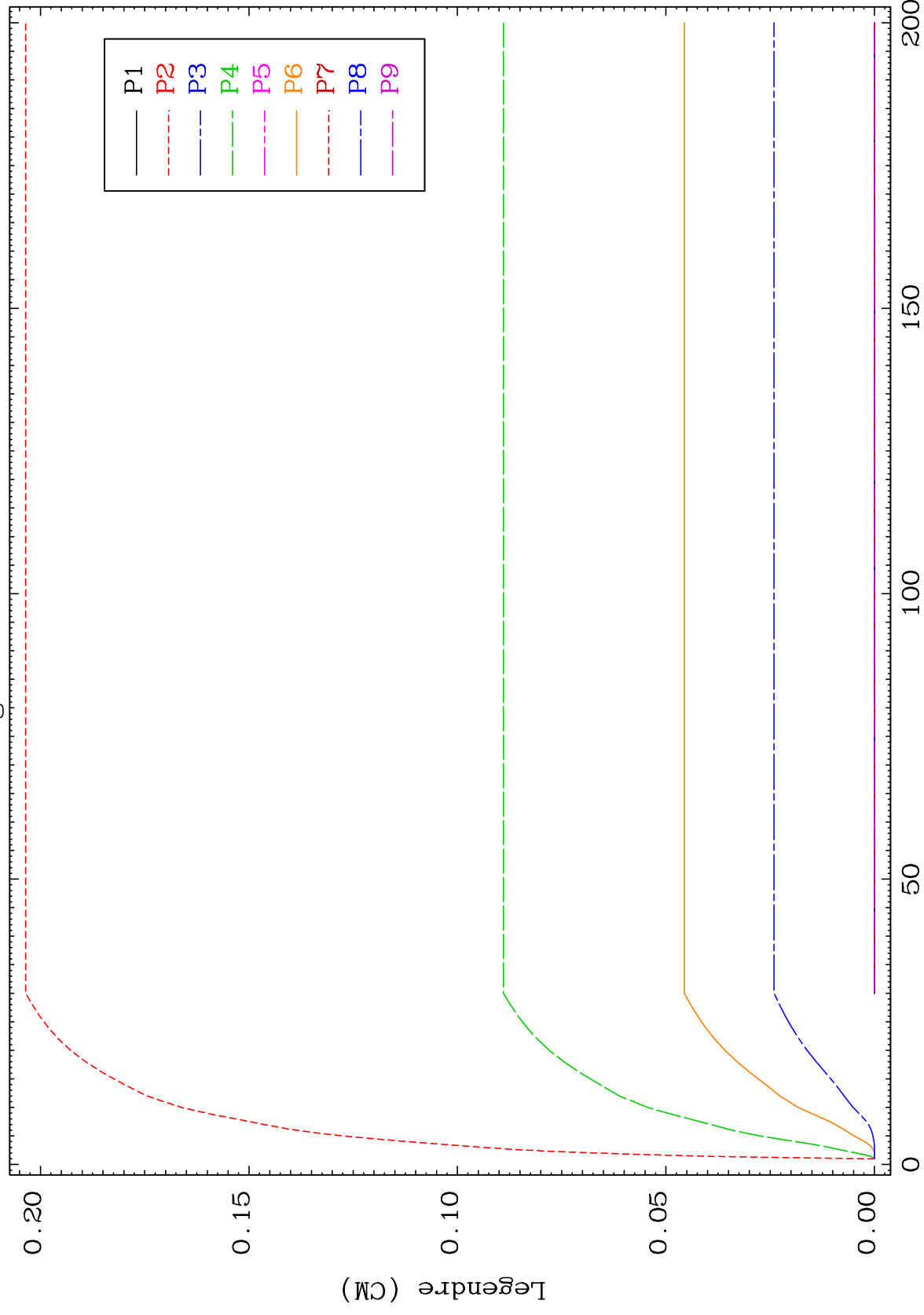
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



101

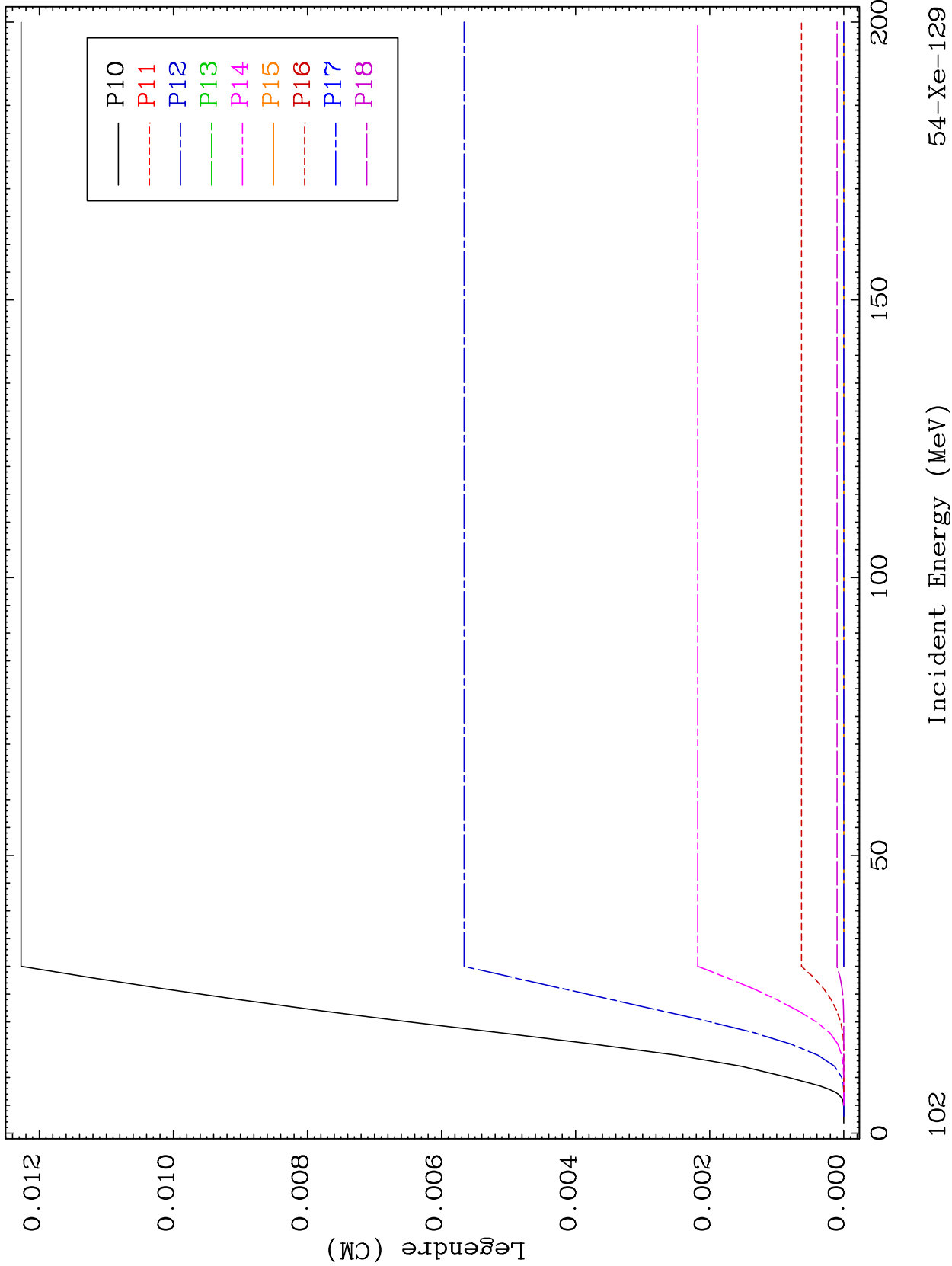
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

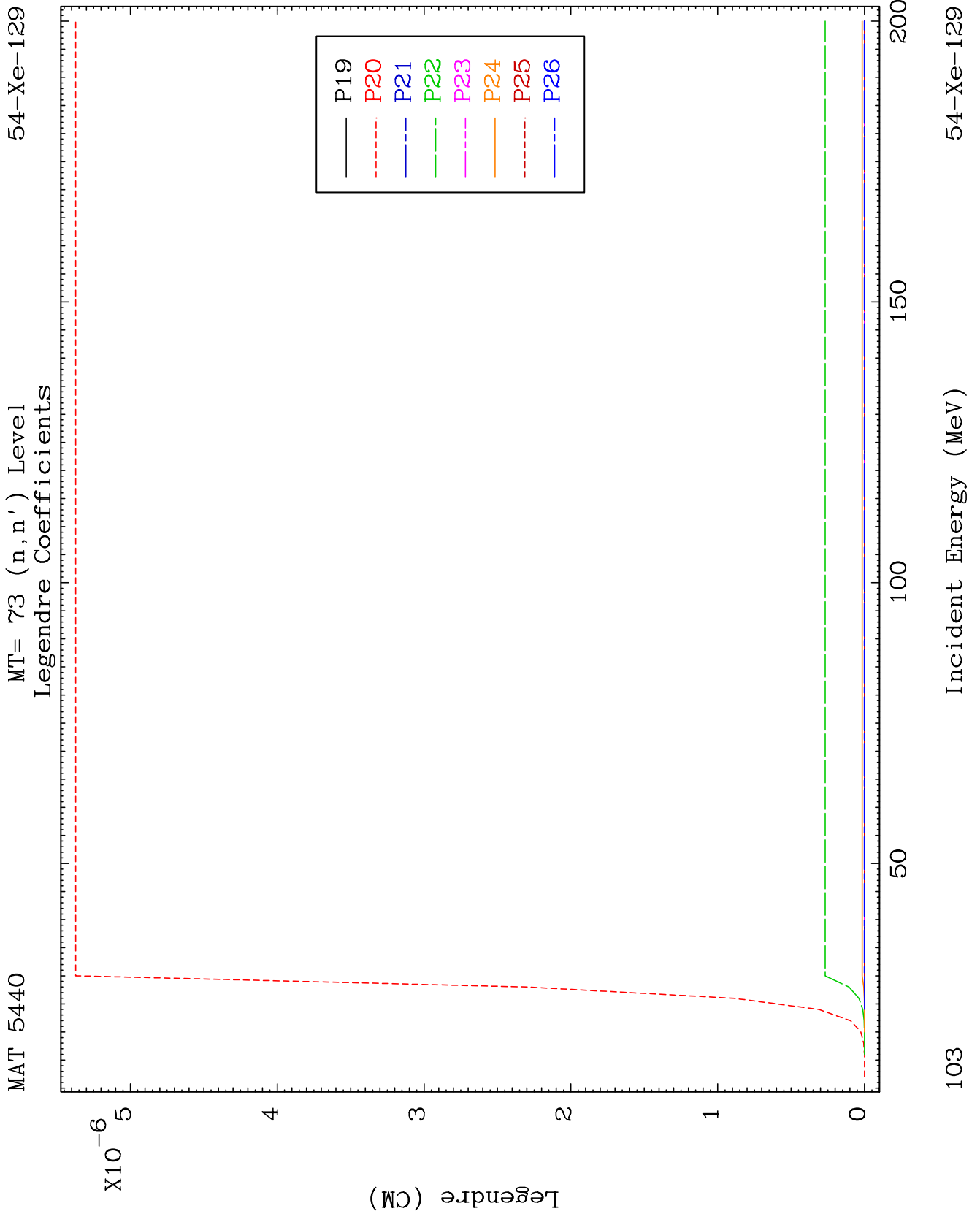
54-Xe-129



54-Xe-129

Incident Energy (MeV)

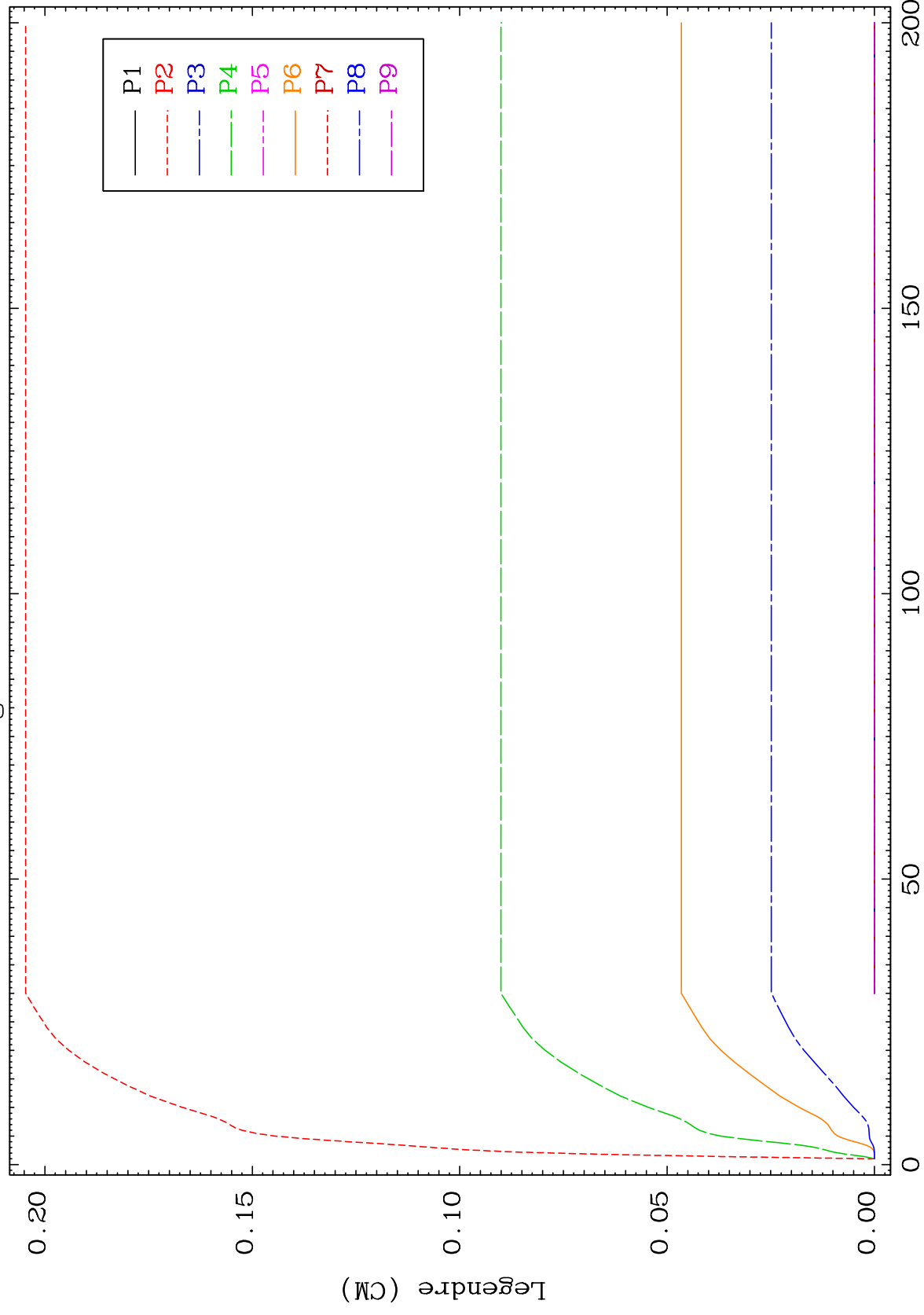
102



MAT 5440

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

54-Xe-129



54-Xe-129

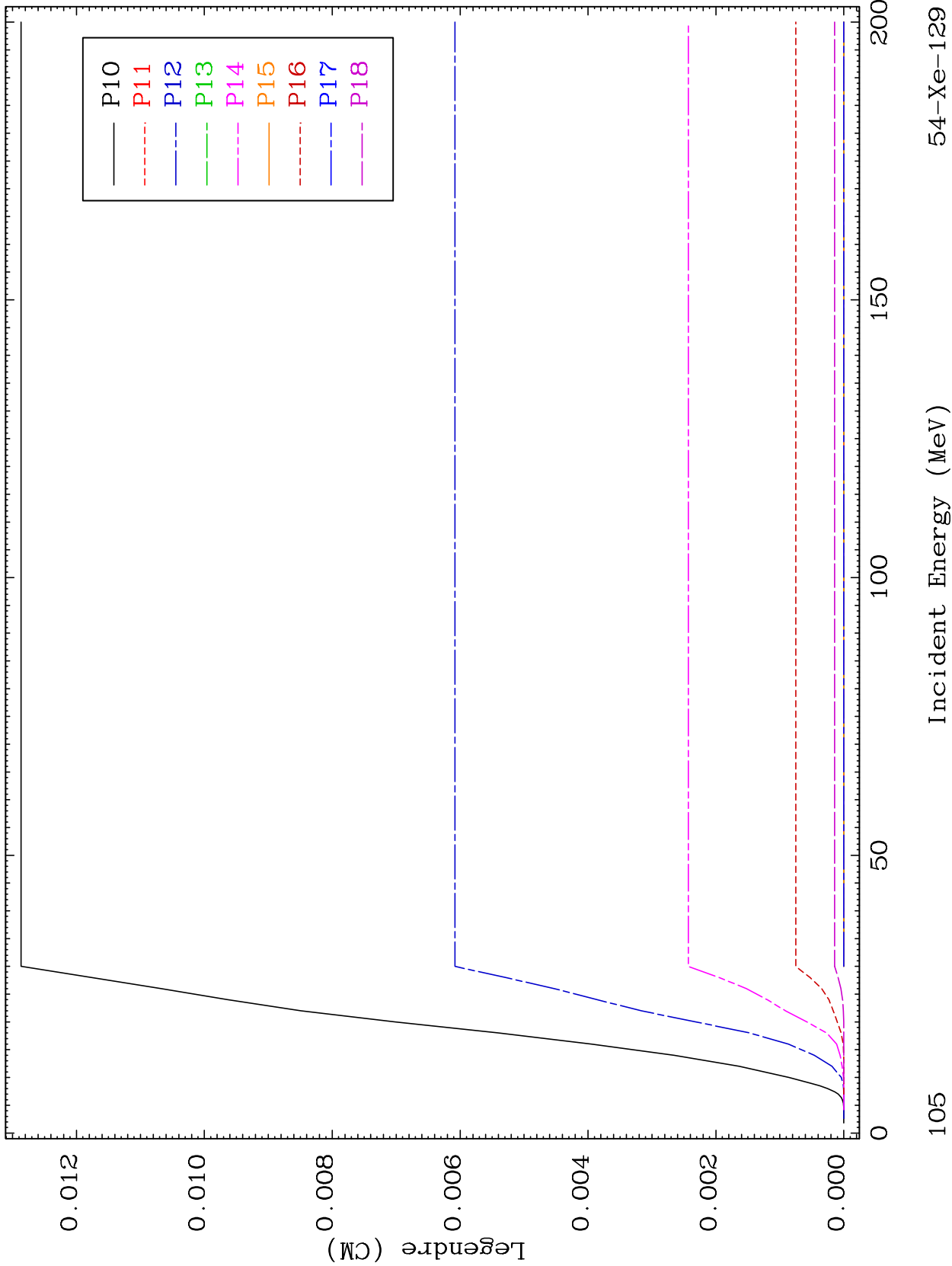
Incident Energy (MeV)

104

MAT 5440

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

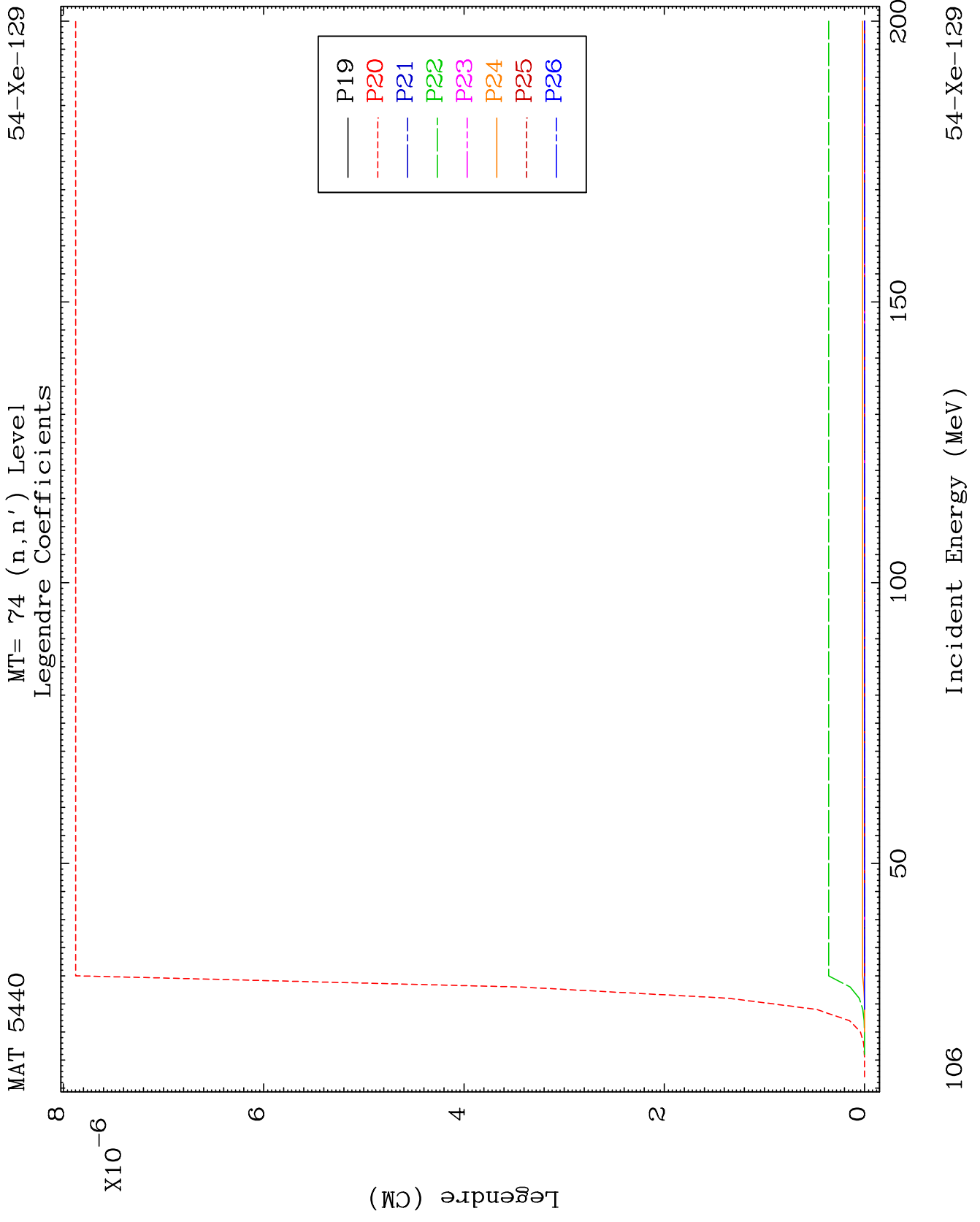
54-Xe-129



54-Xe-129

Incident Energy (MeV)

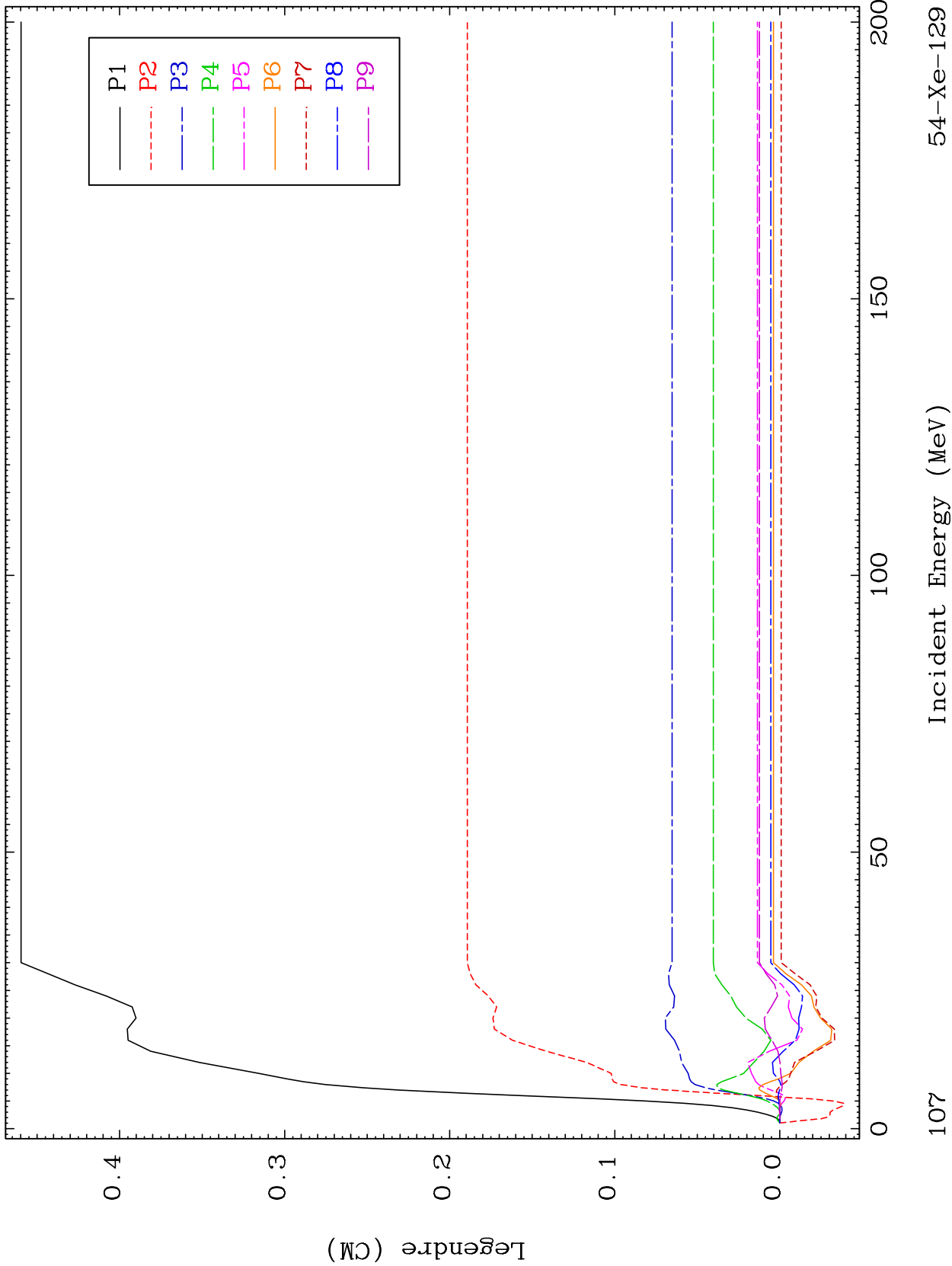
105



MAT 5440

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

54-Xe-129



54-Xe-129

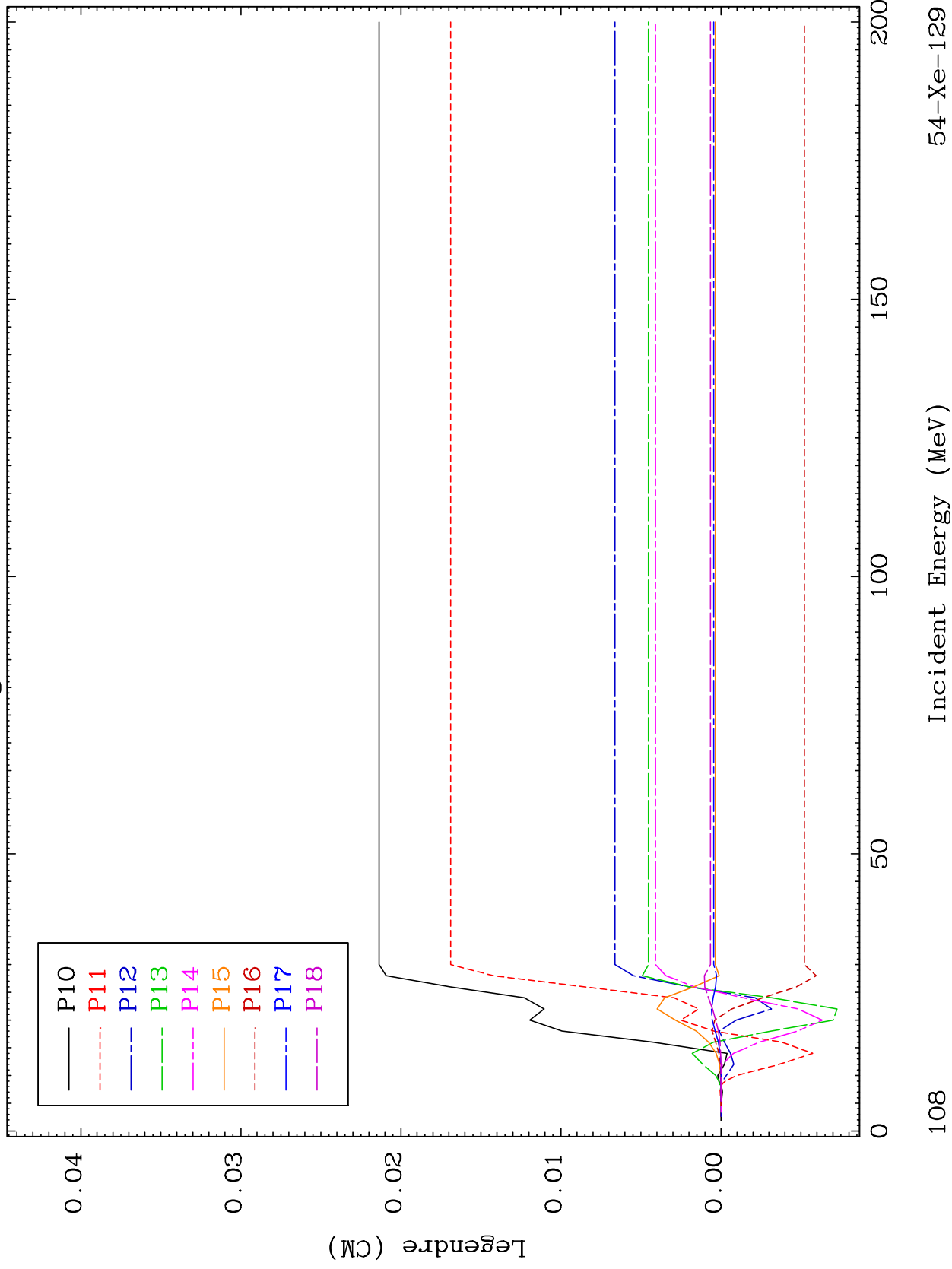
Incident Energy (MeV)

107

MAT 5440

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

54-Xe-129



54-Xe-129

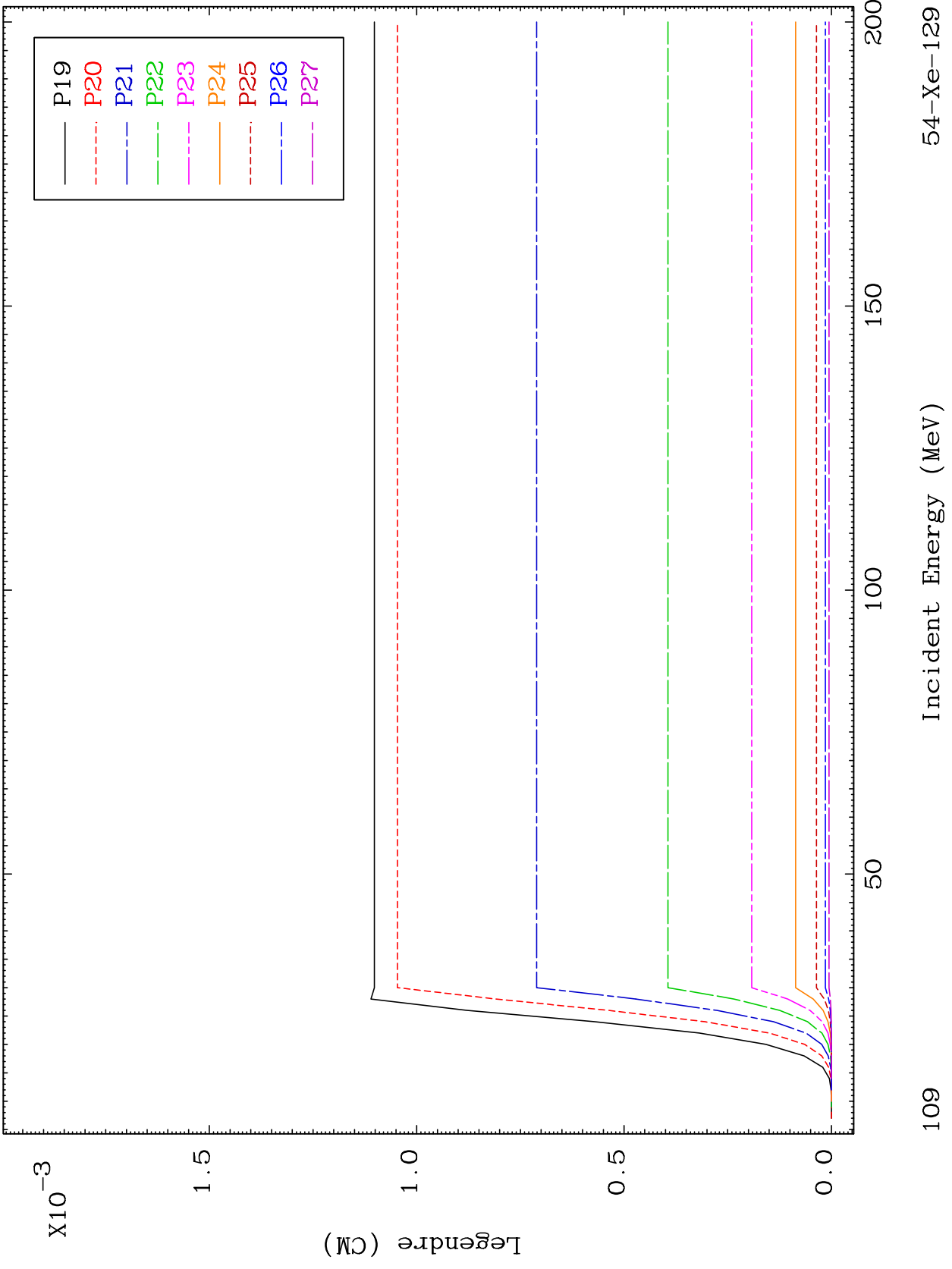
Incident Energy (MeV)

108

MAT 5440

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

54-Xe-129



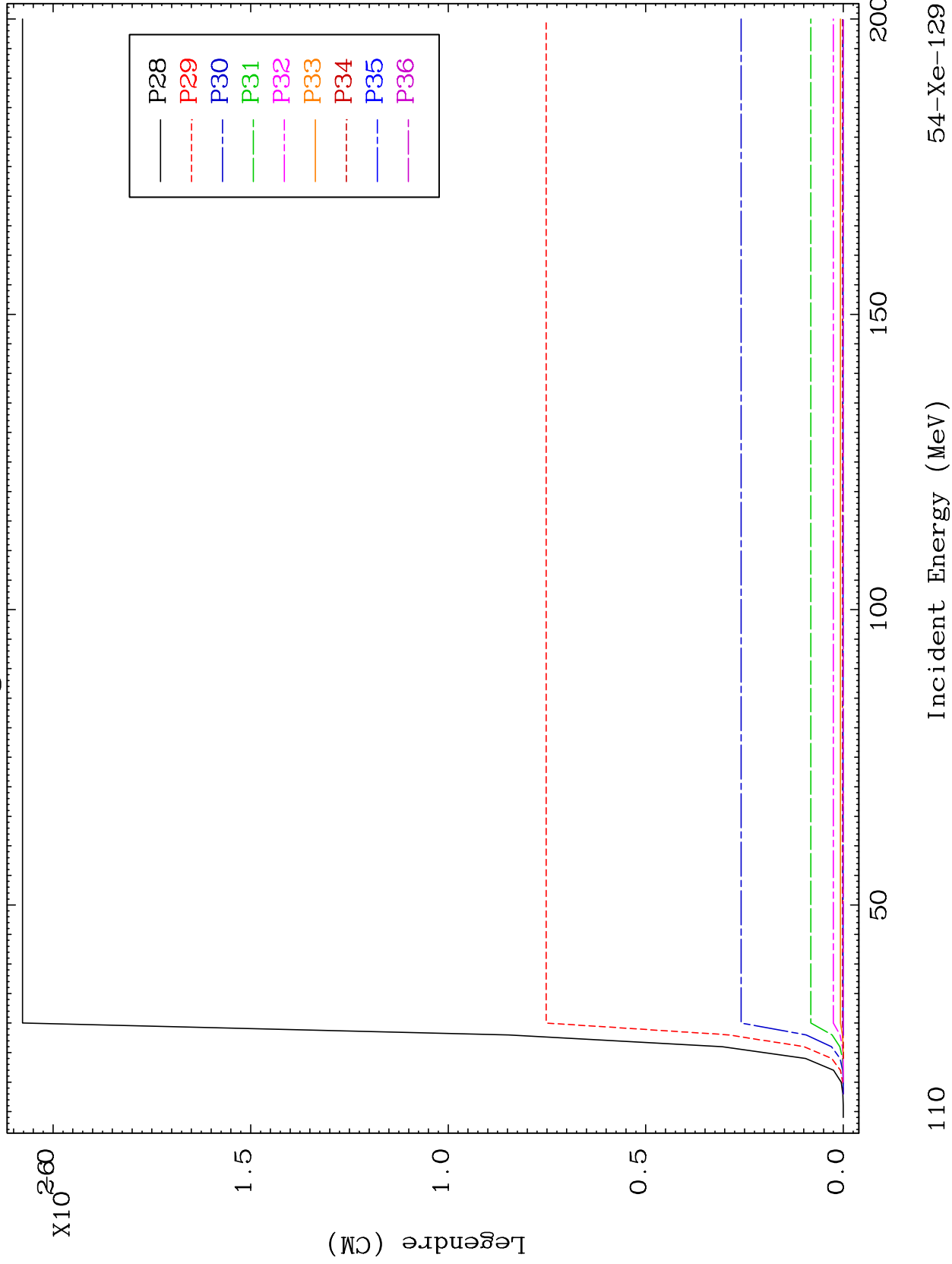
109

54-Xe-129

MAT 5440

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

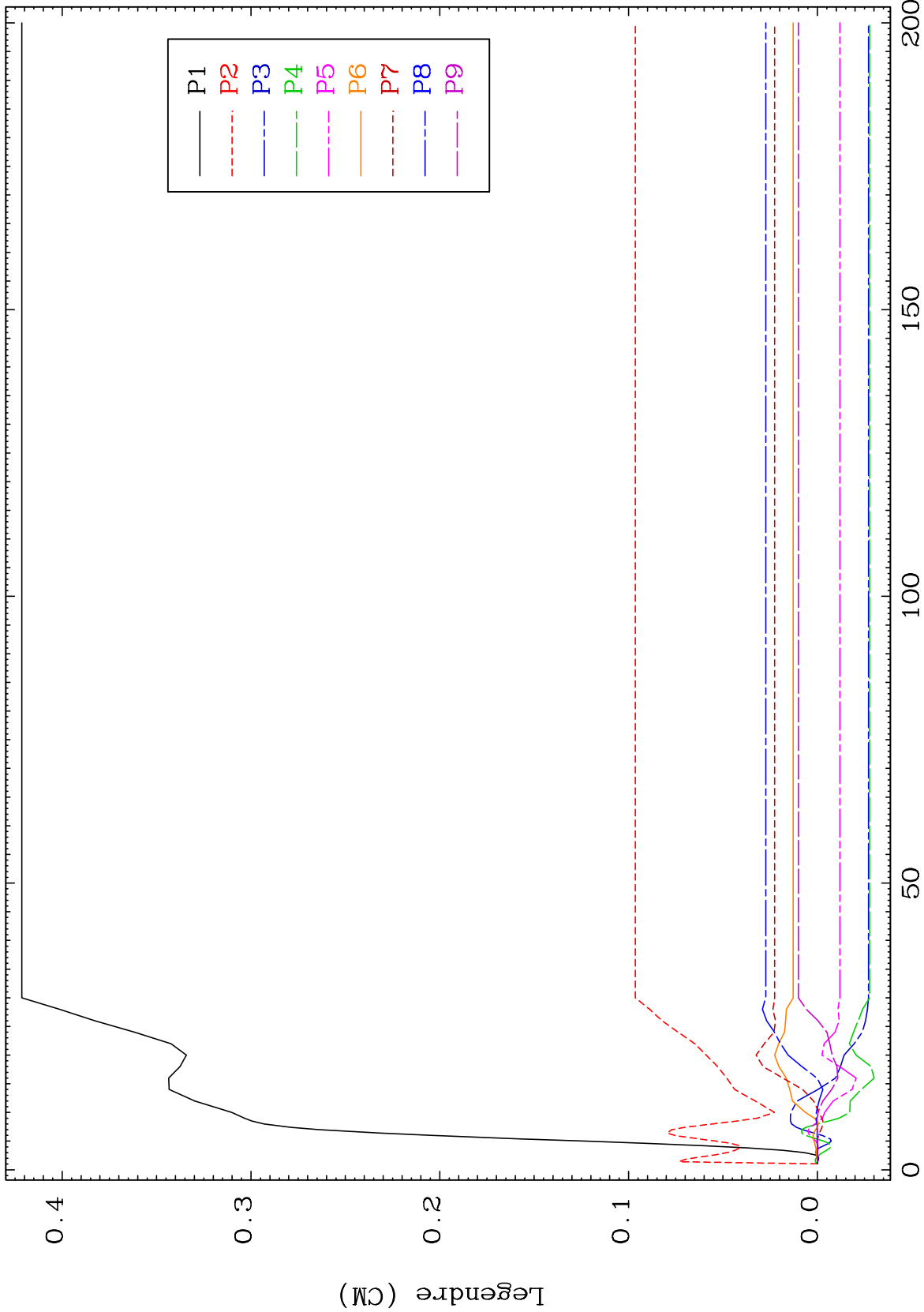
54-Xe-129



MAT 5440

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

54-Xe-129



111

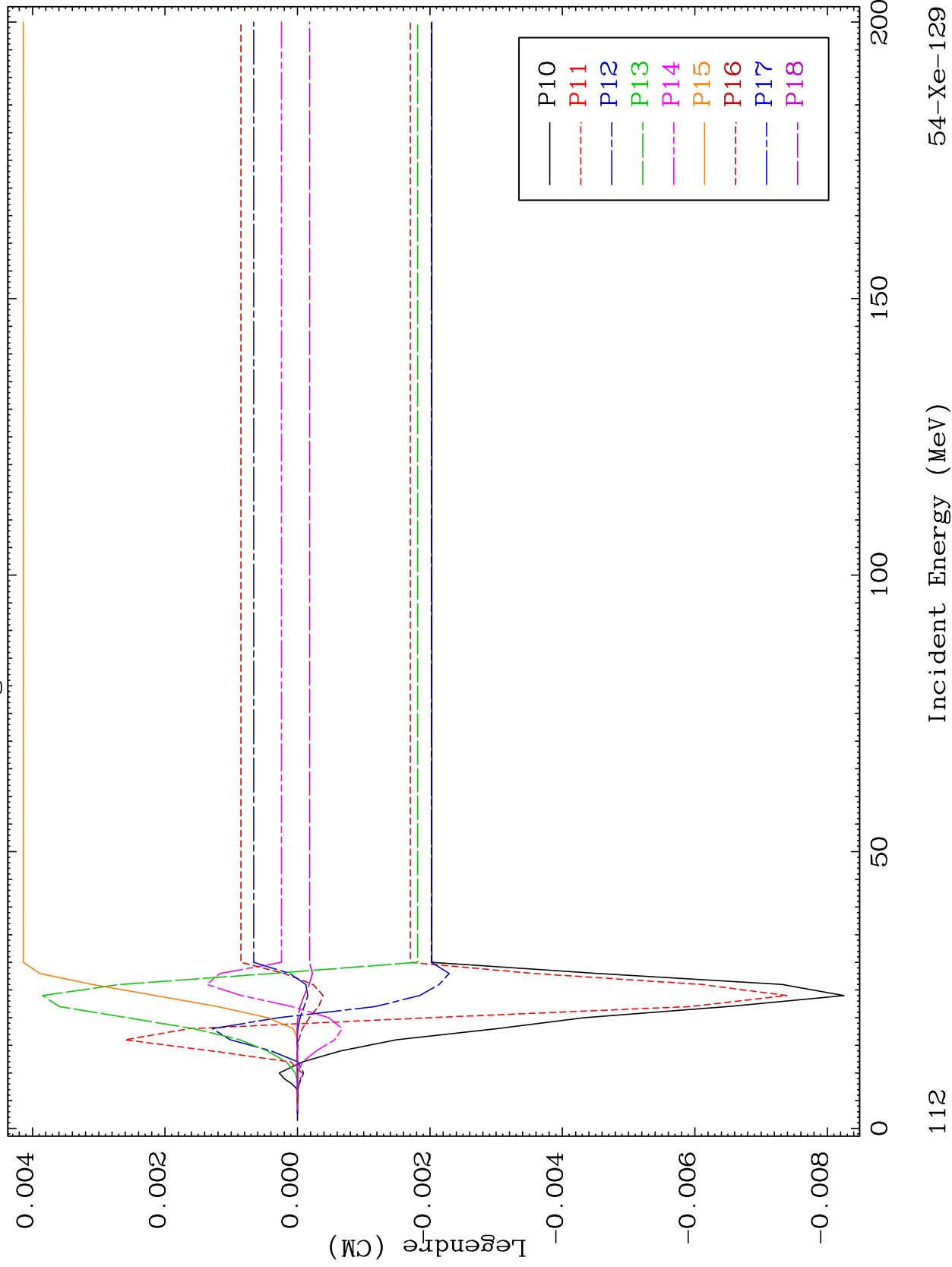
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



112

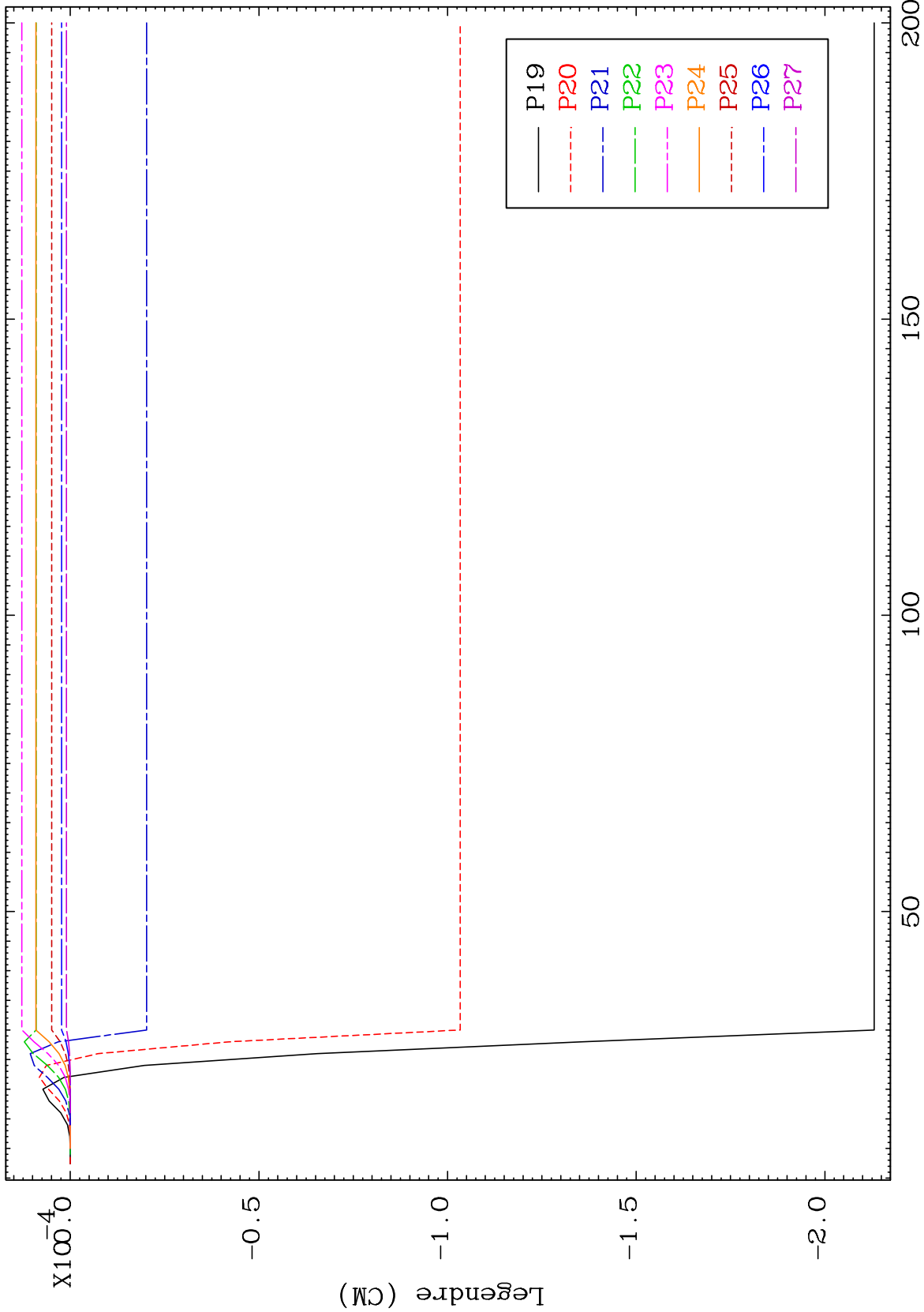
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

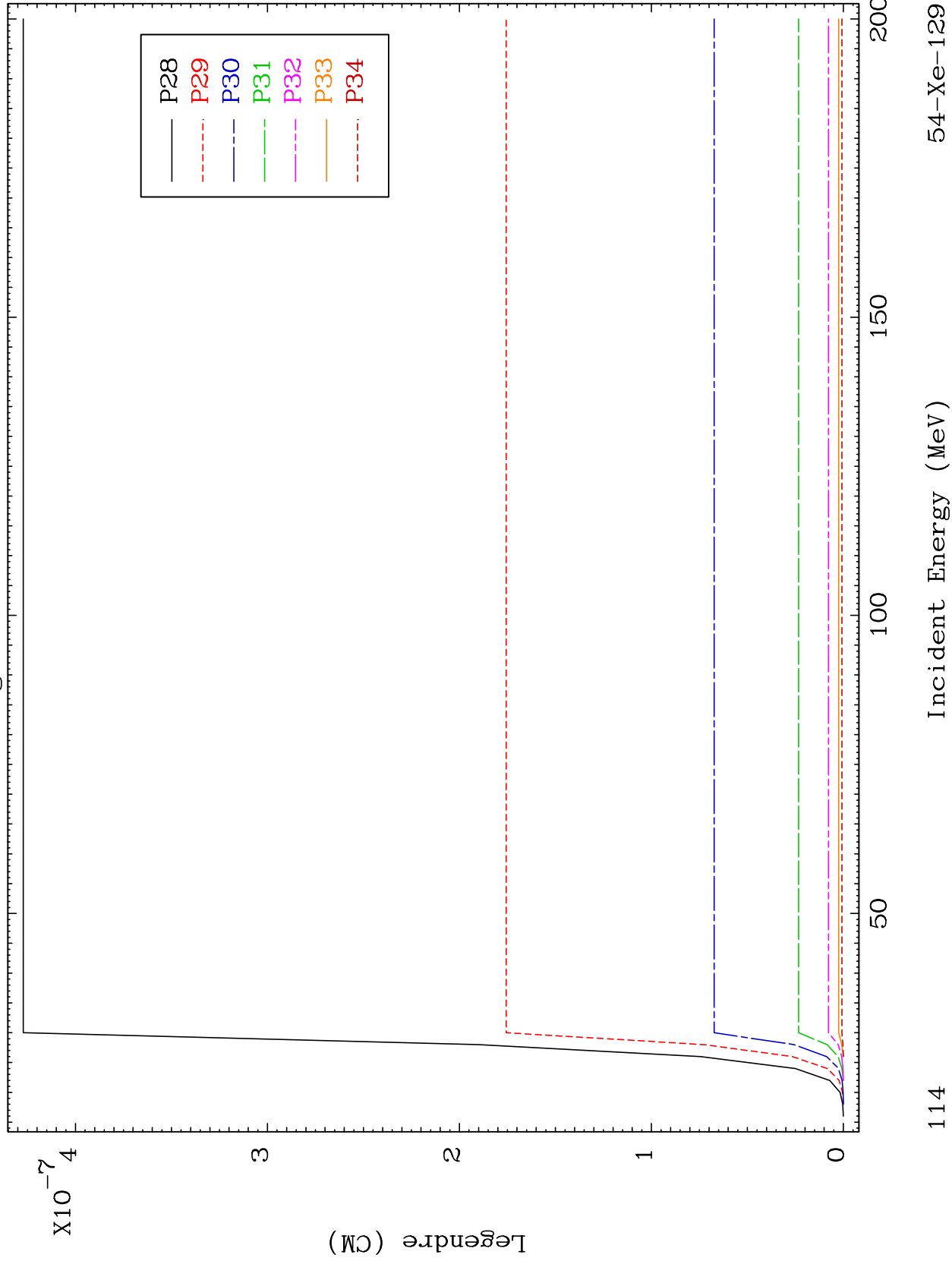
54-Xe-129



MAT 5440

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

54-Xe-129

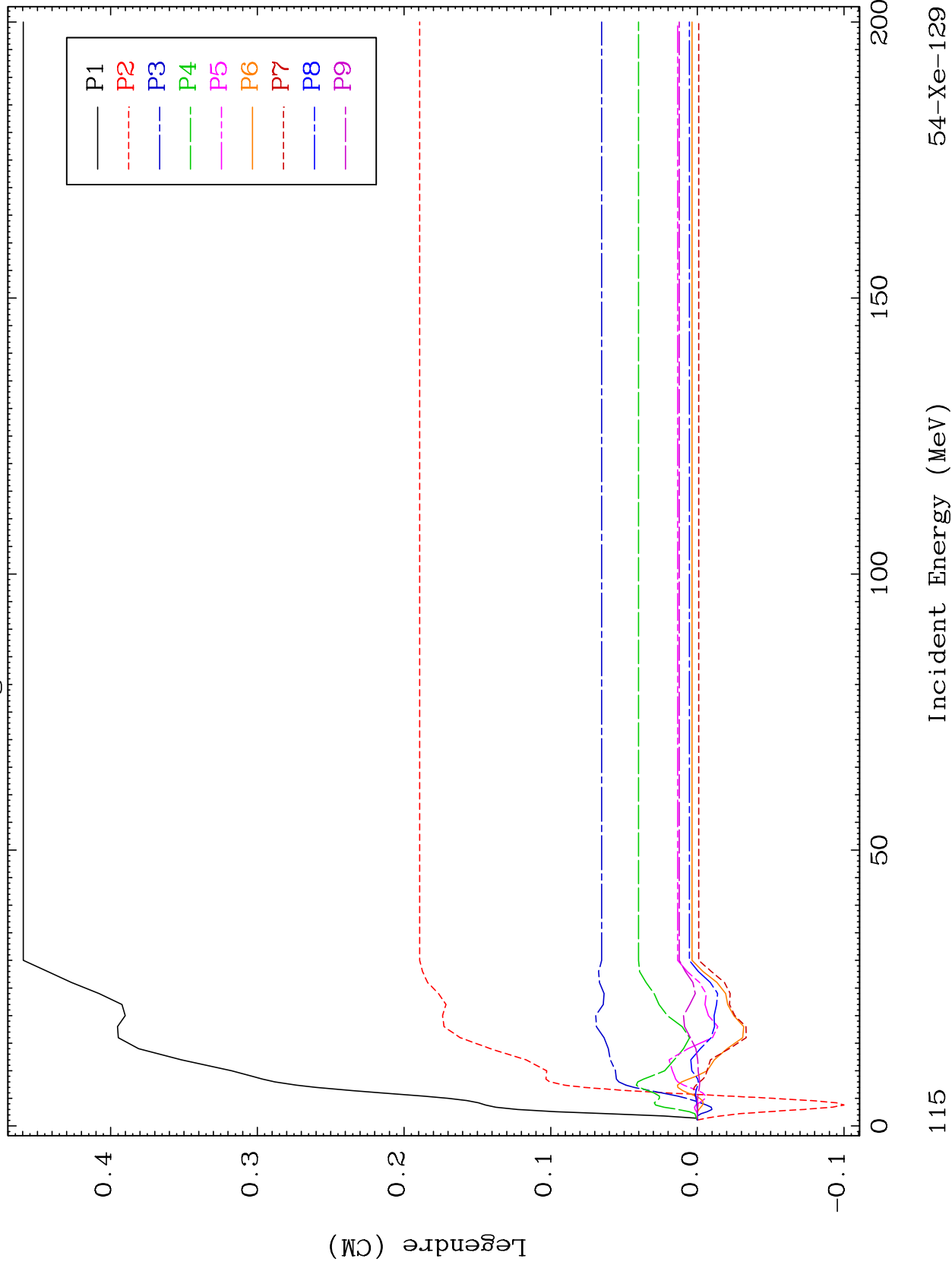


114

MAT 5440

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

54-Xe-129



54-Xe-129

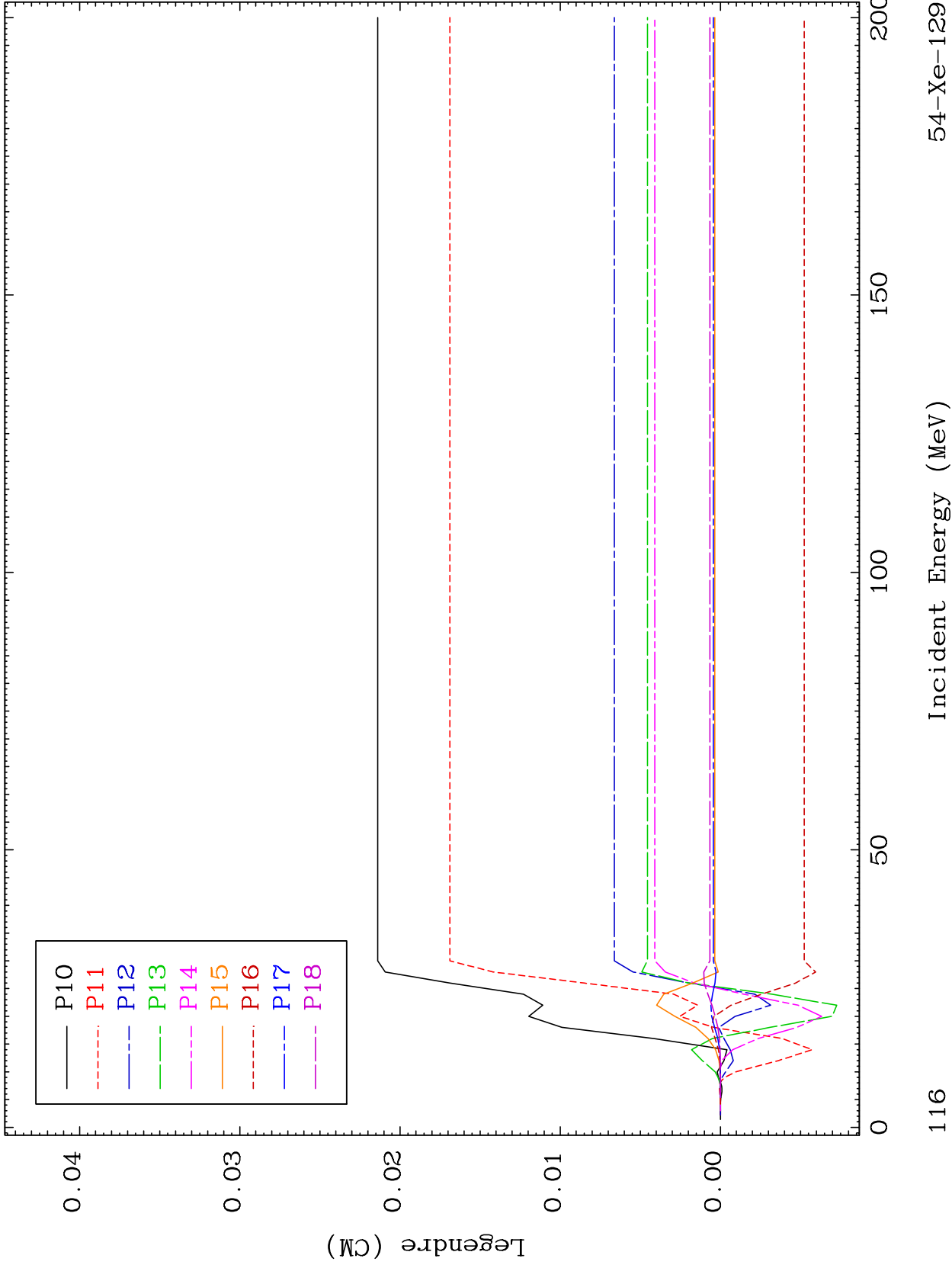
Incident Energy (MeV)

115

MAT 5440

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

54-Xe-129



116

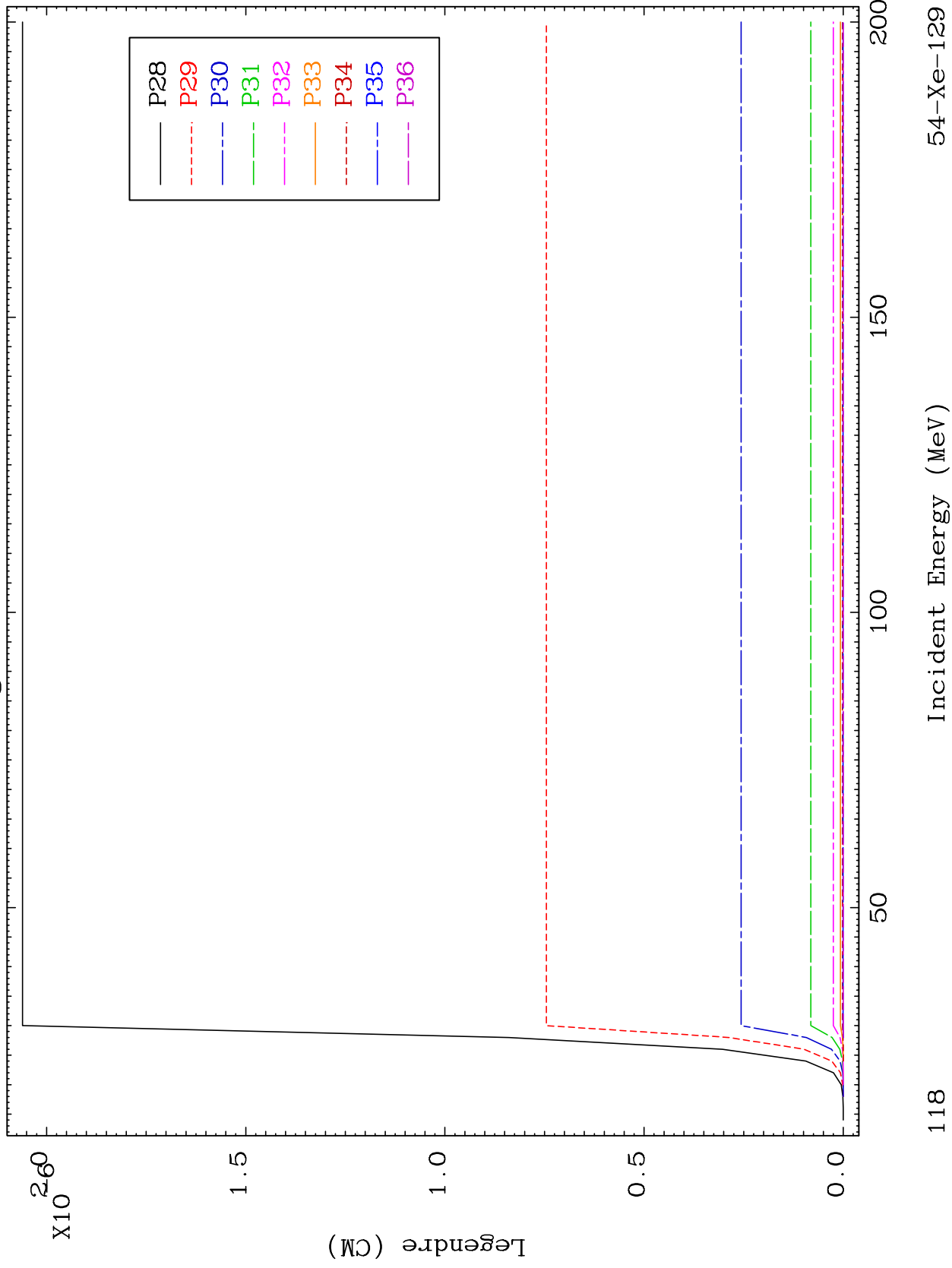
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129

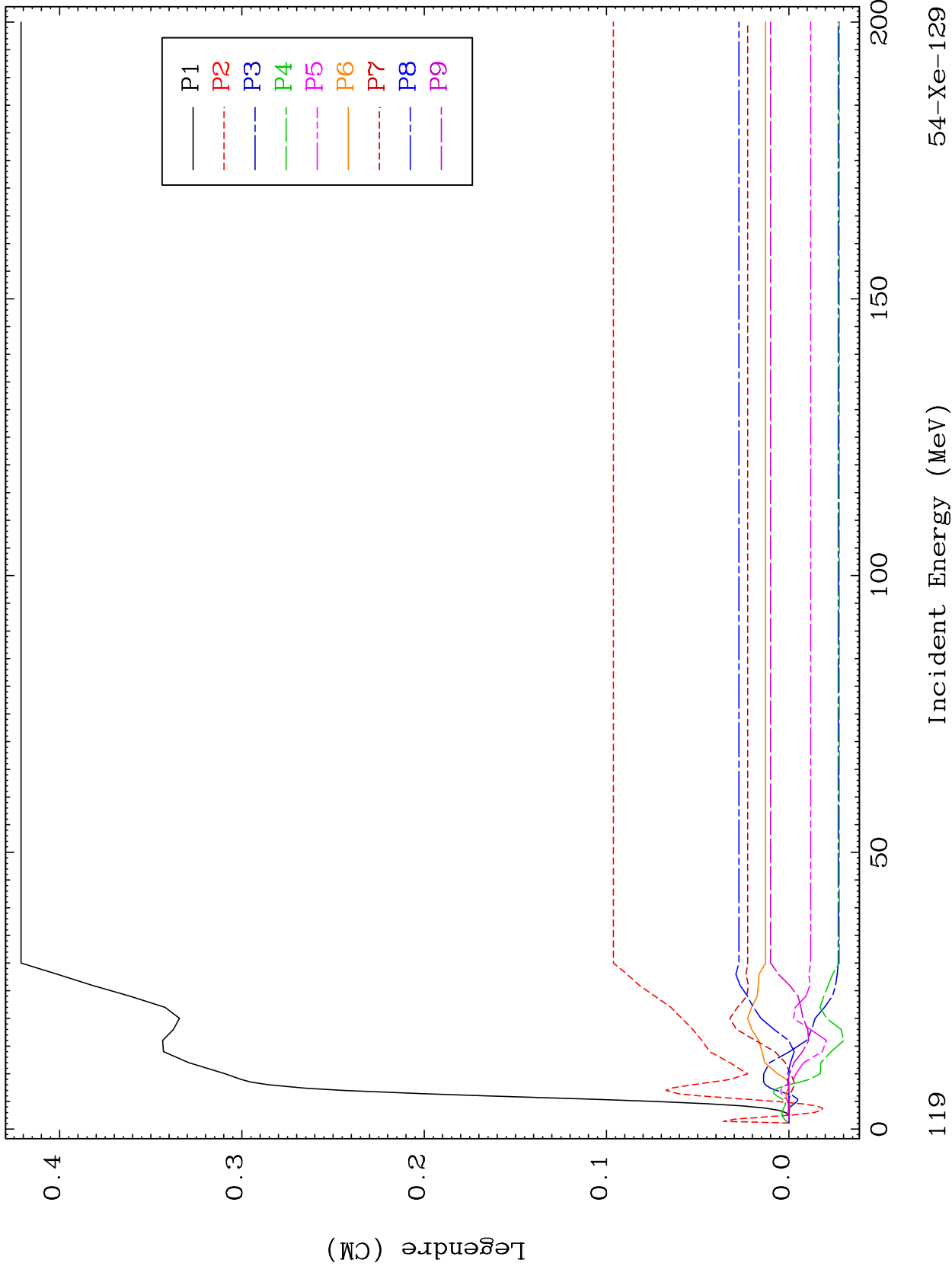


118

MAT 5440

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

54-Xe-129



54-Xe-129

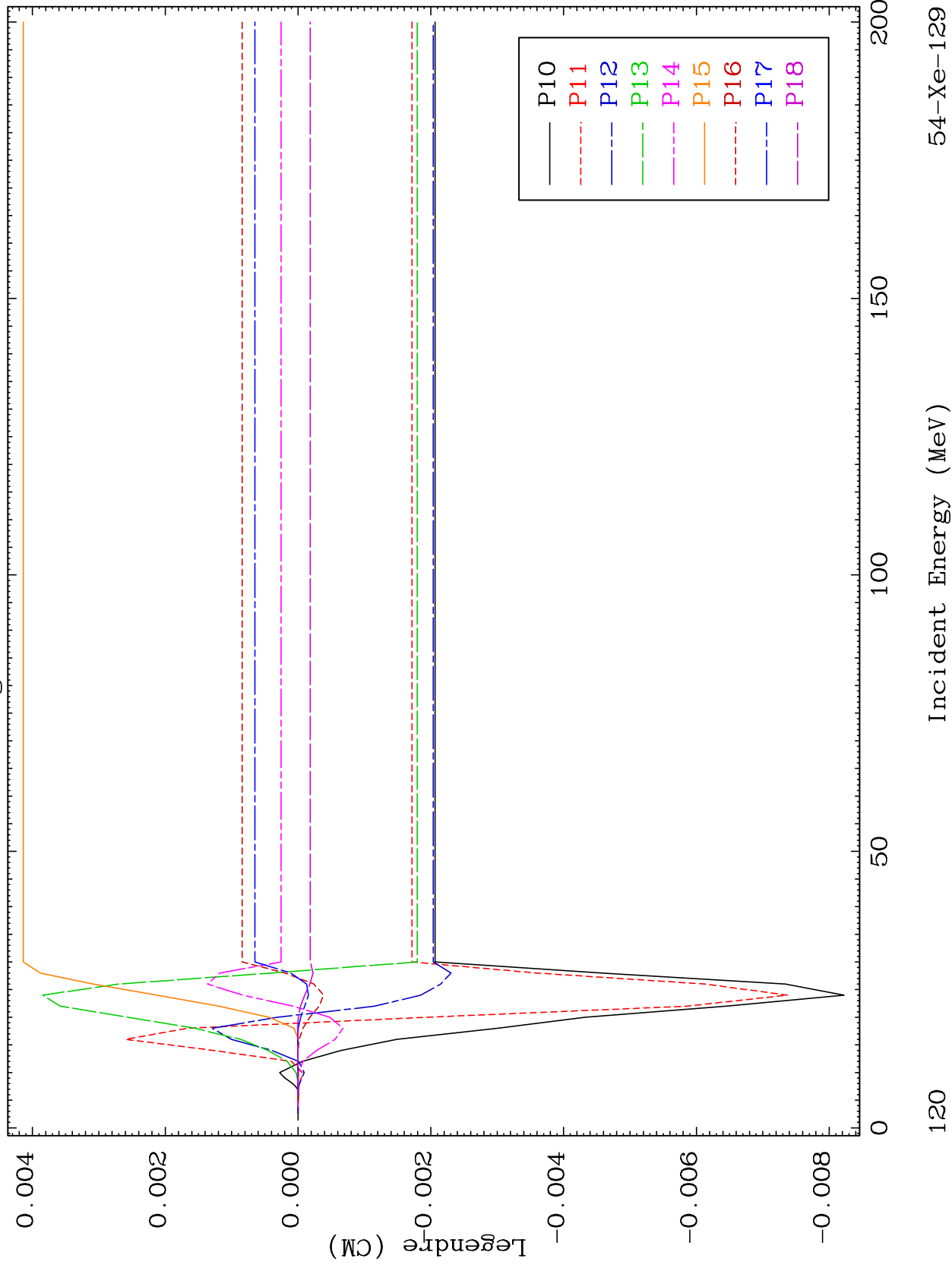
Incident Energy (MeV)

119

MAT 5440

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

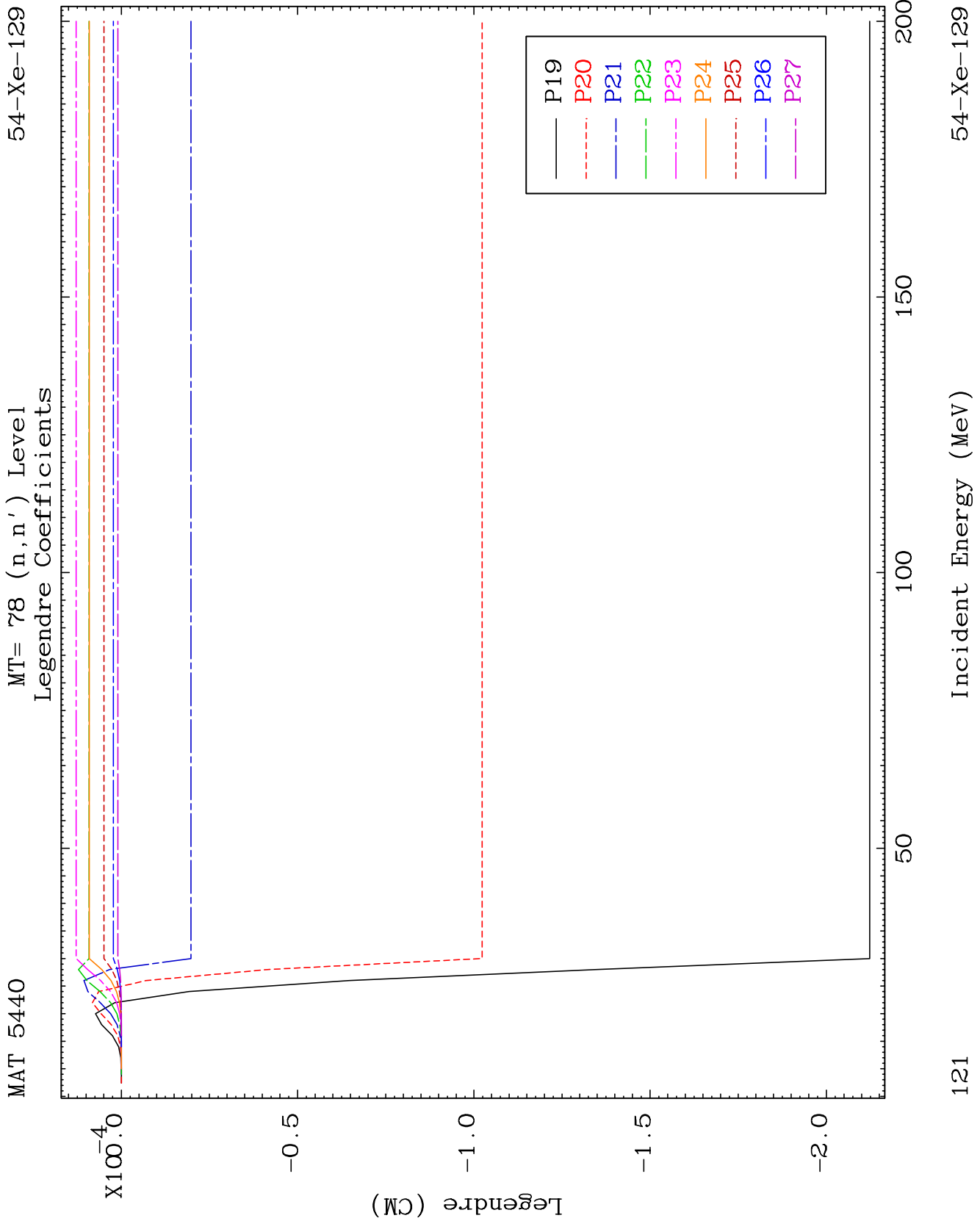
54-Xe-129



54-Xe-129

Incident Energy (MeV)

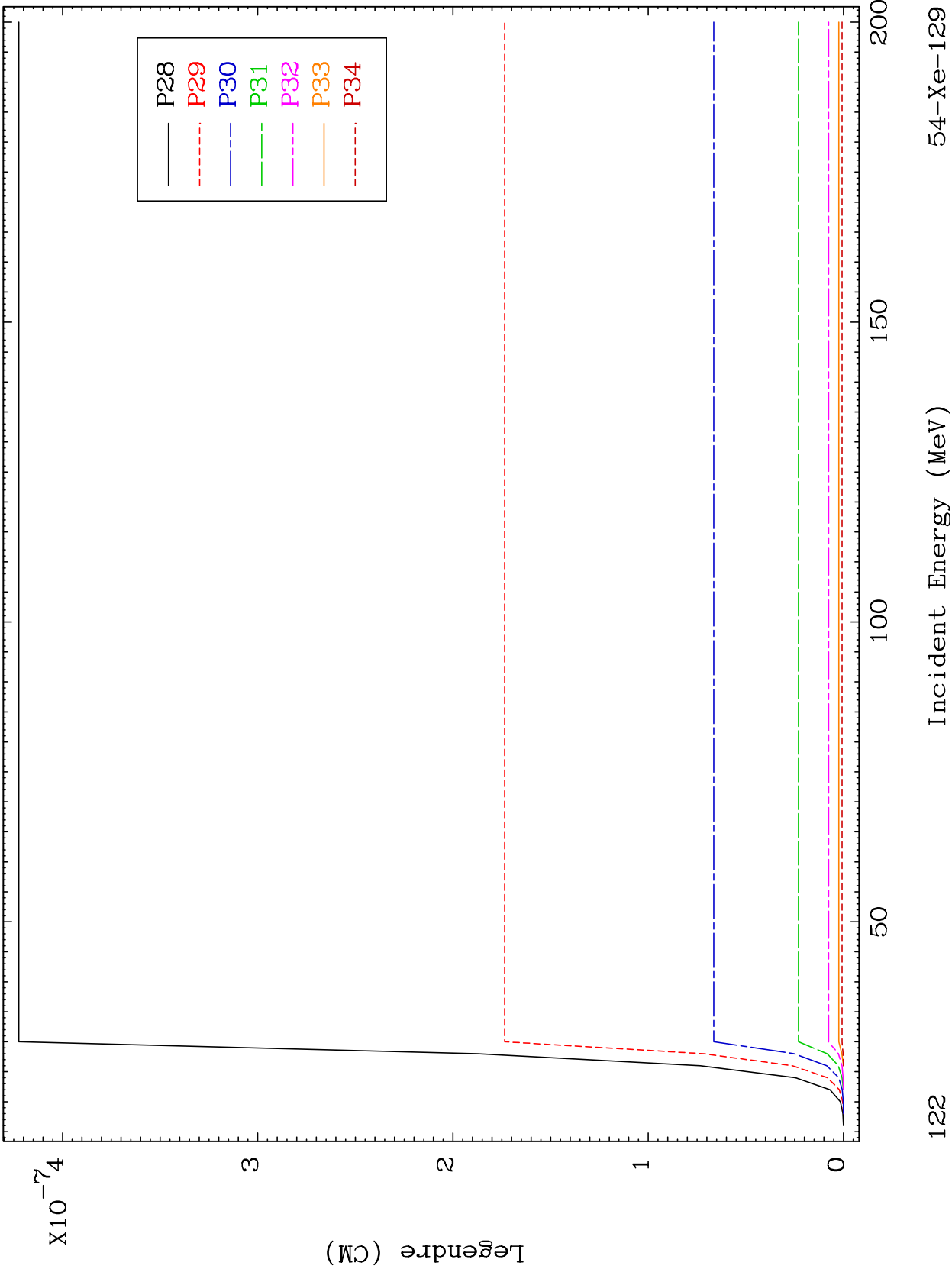
120



MAT 5440

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

54-Xe-129



122

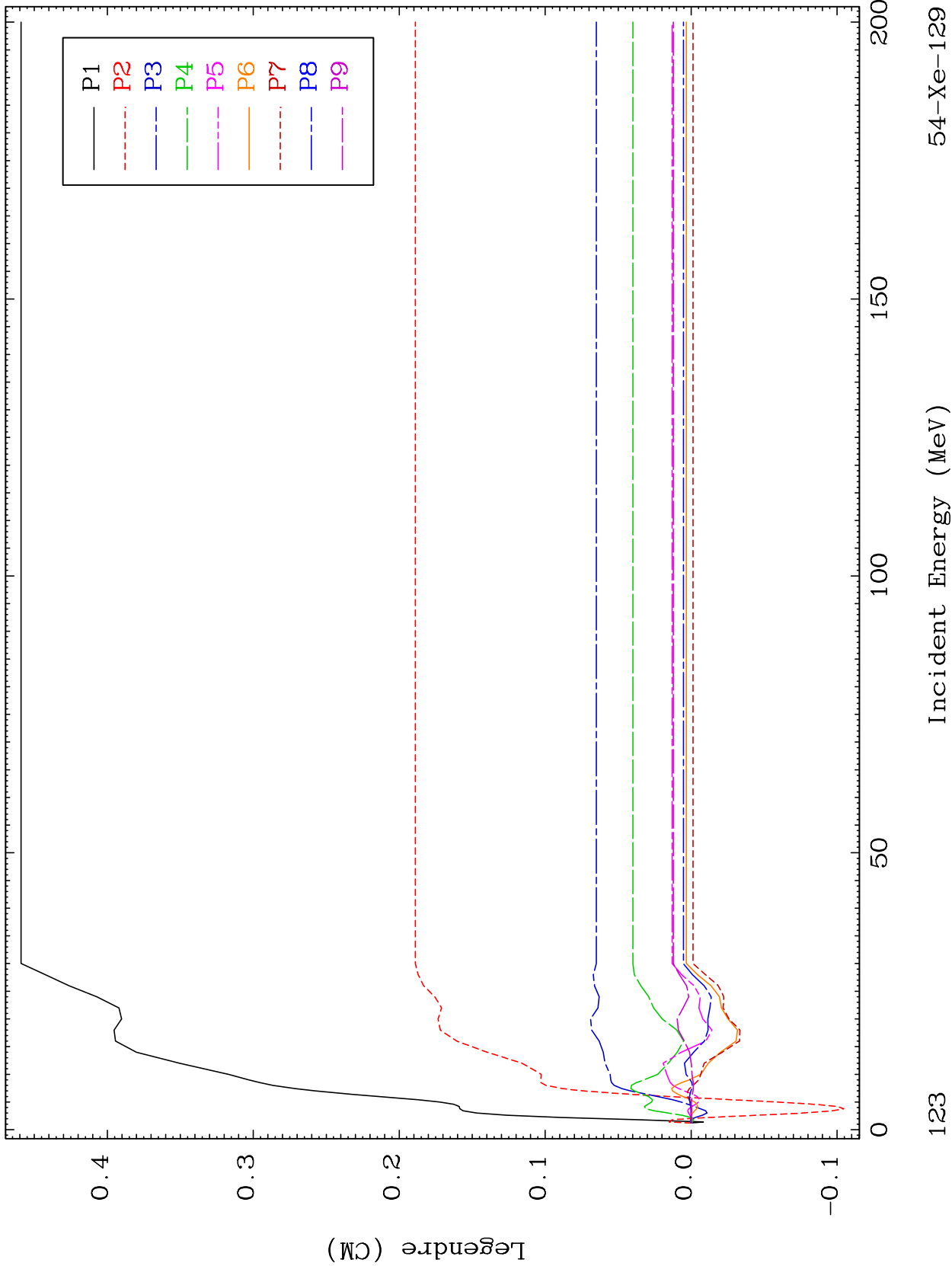
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

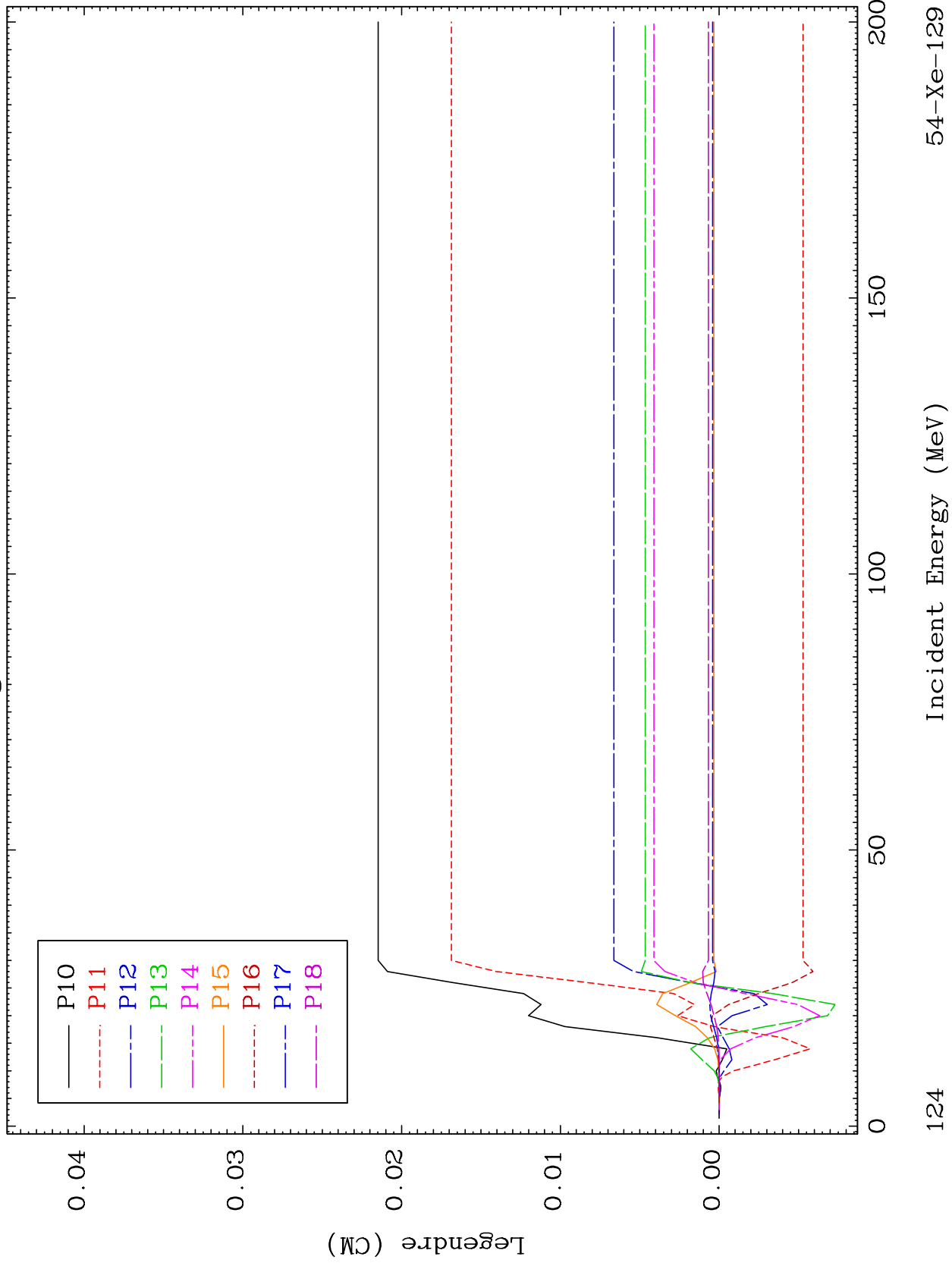
Incident Energy (MeV)

123

MAT 5440

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

54-Xe-129



54-Xe-129

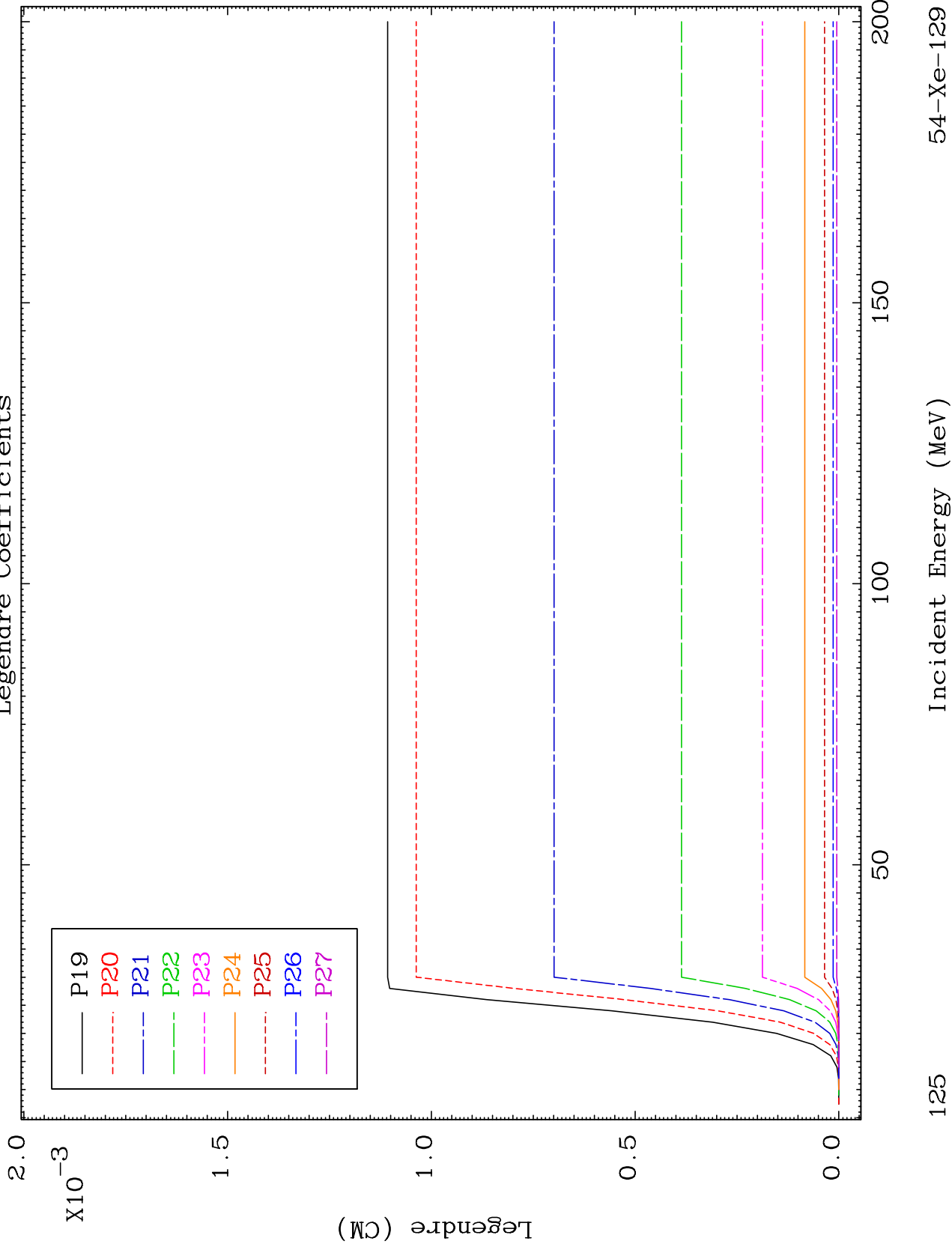
Incident Energy (MeV)

124

MAT 5440

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

54-Xe-129



125

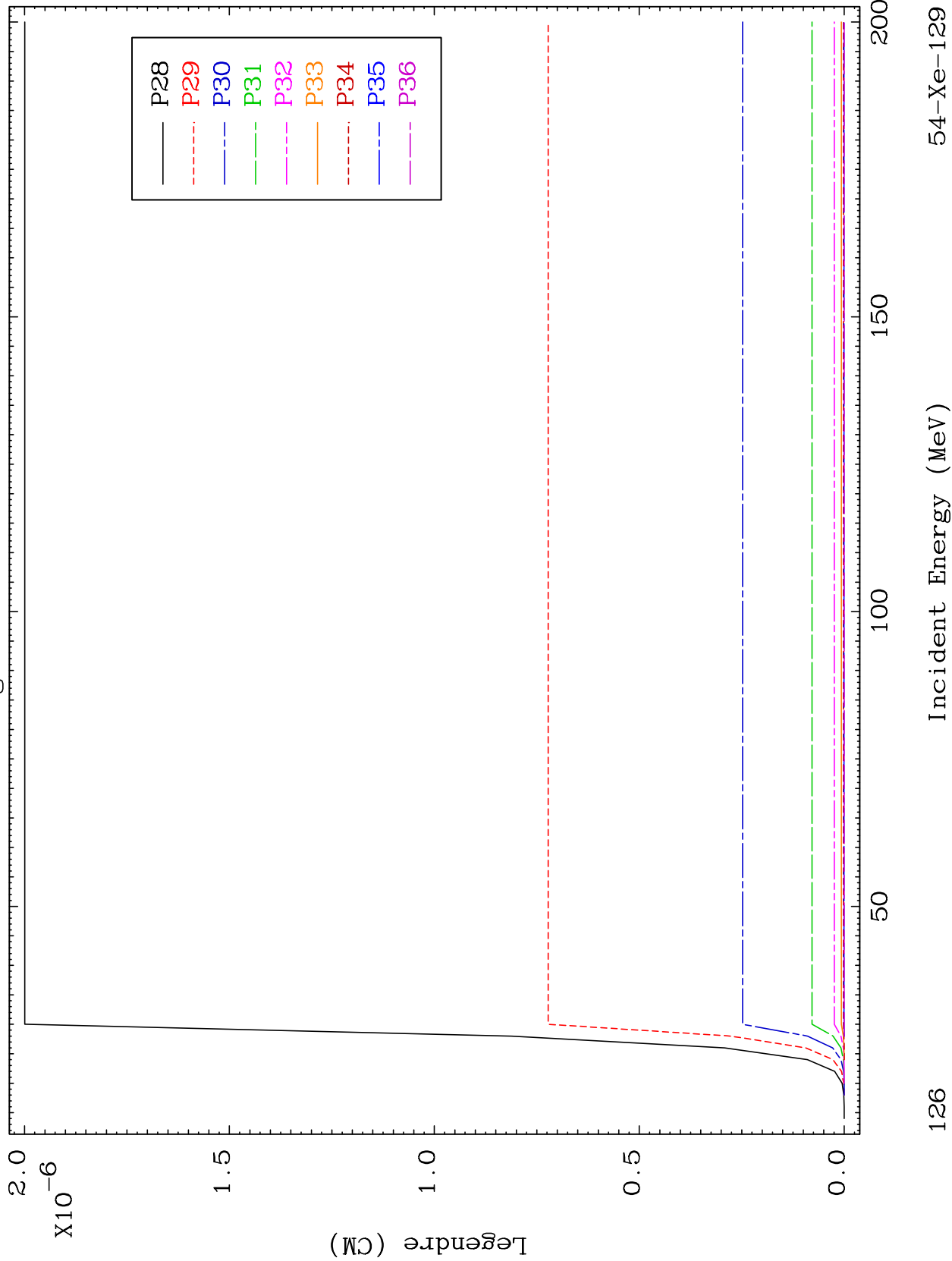
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



126

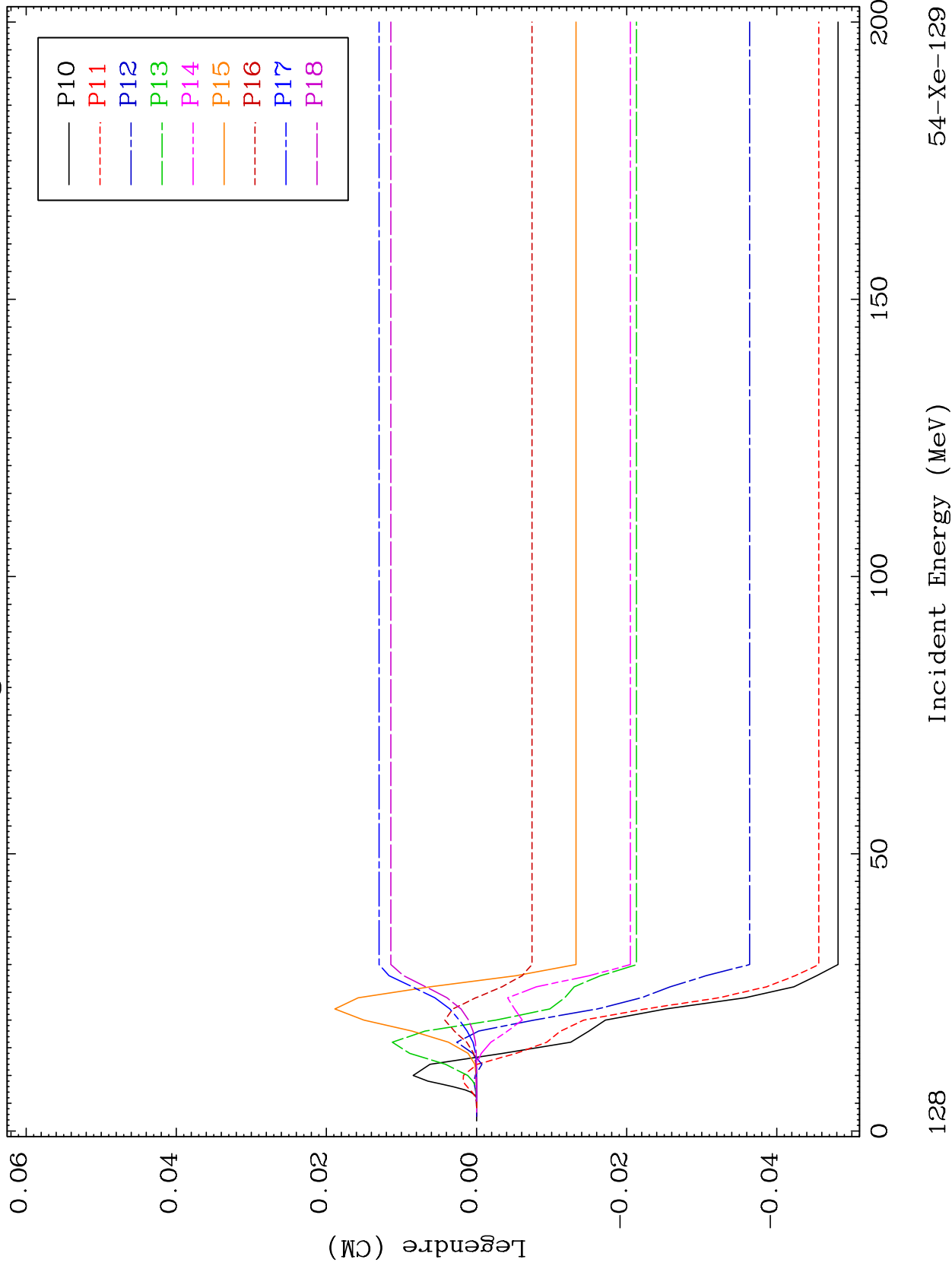
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

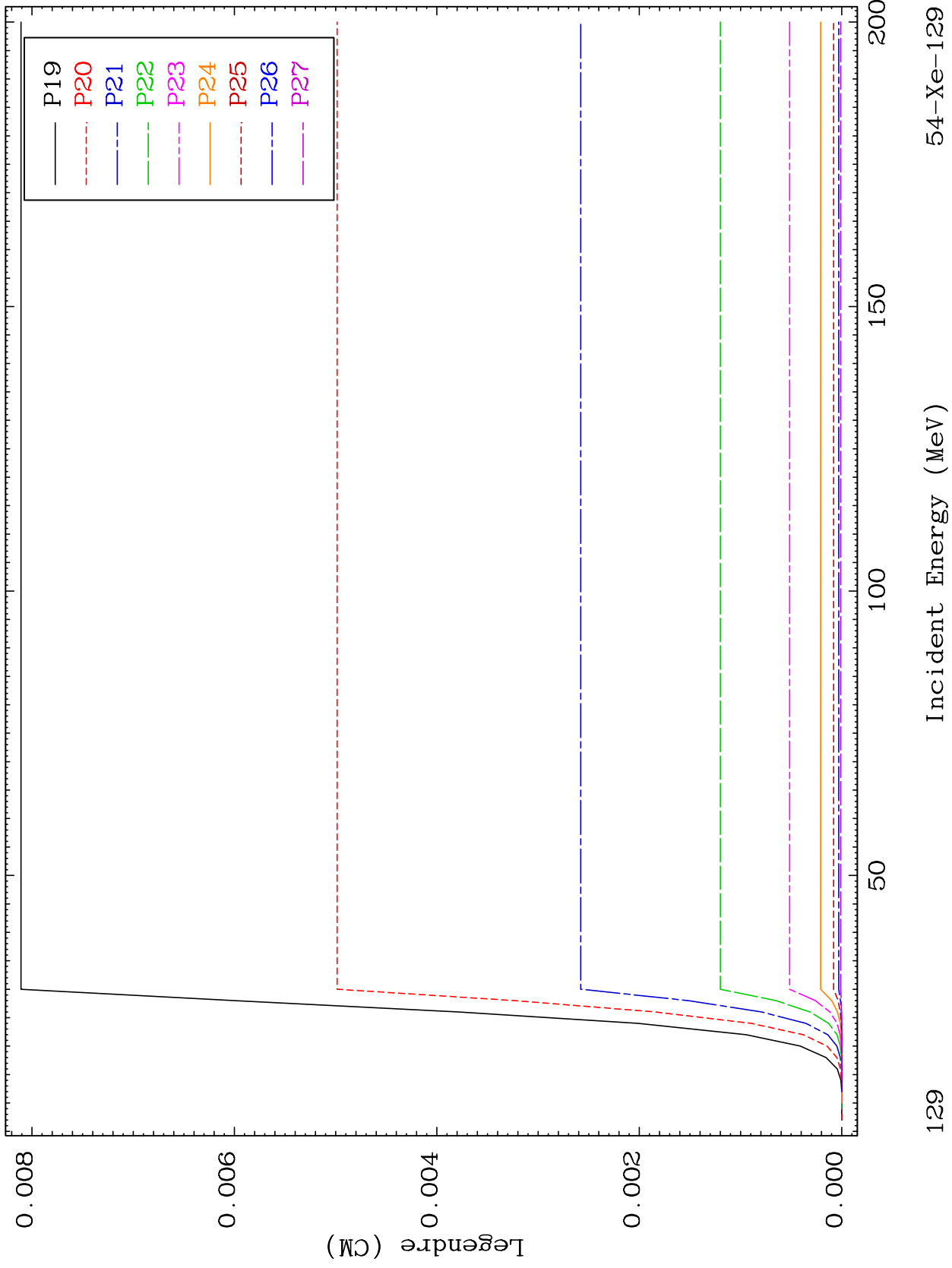
Incident Energy (MeV)

128

MAT 5440

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

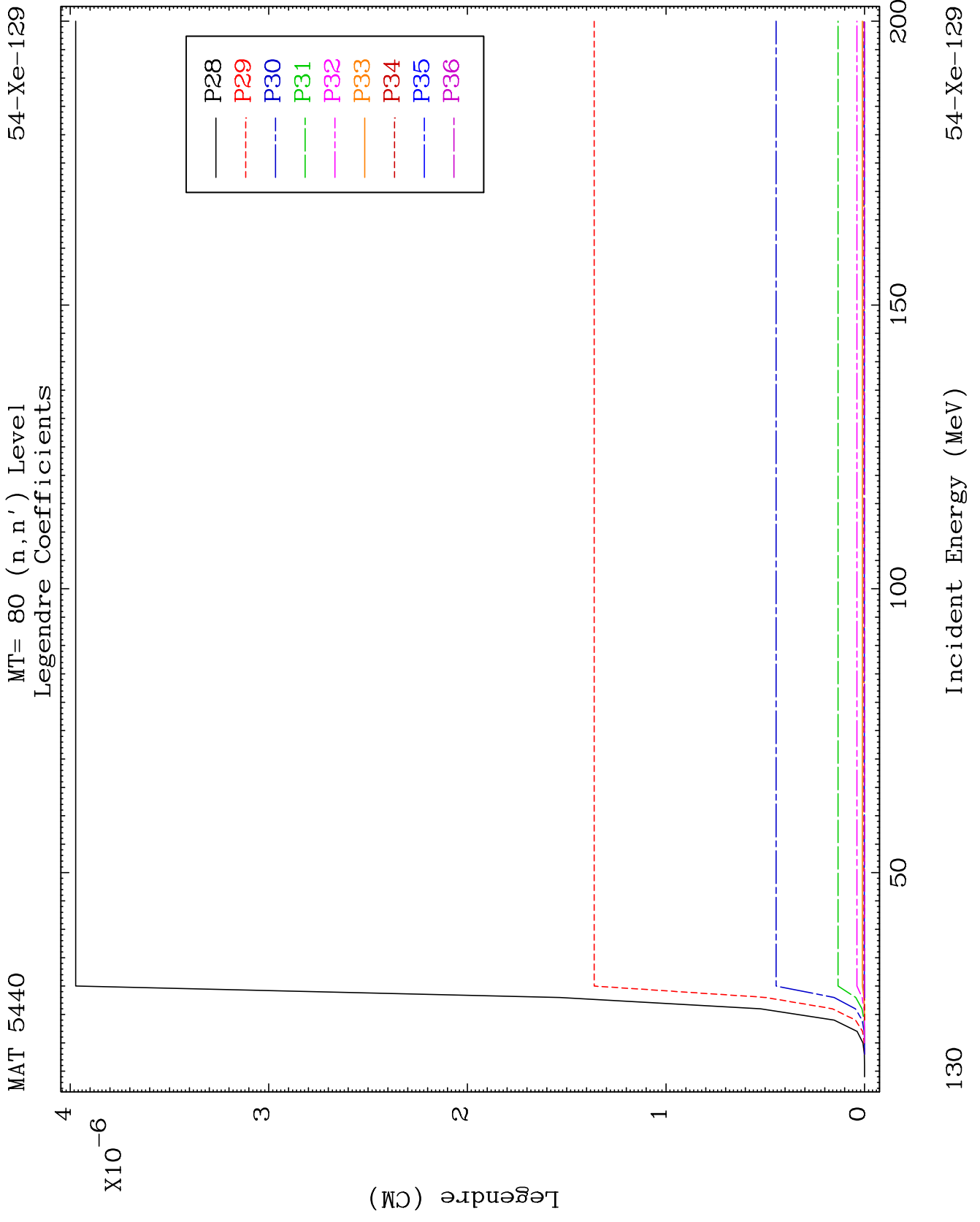
54-Xe-129



129

Incident Energy (MeV)

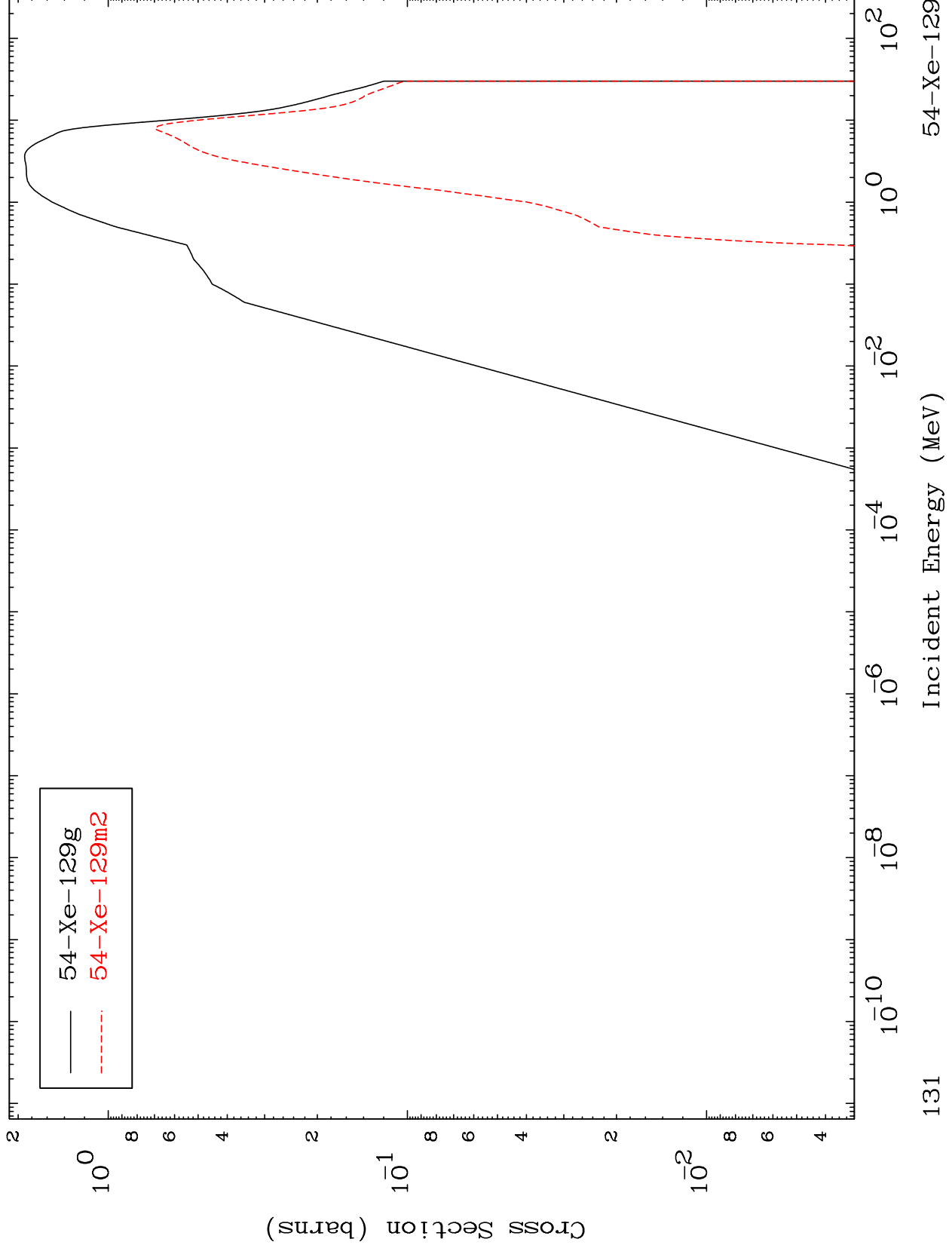
54-Xe-129



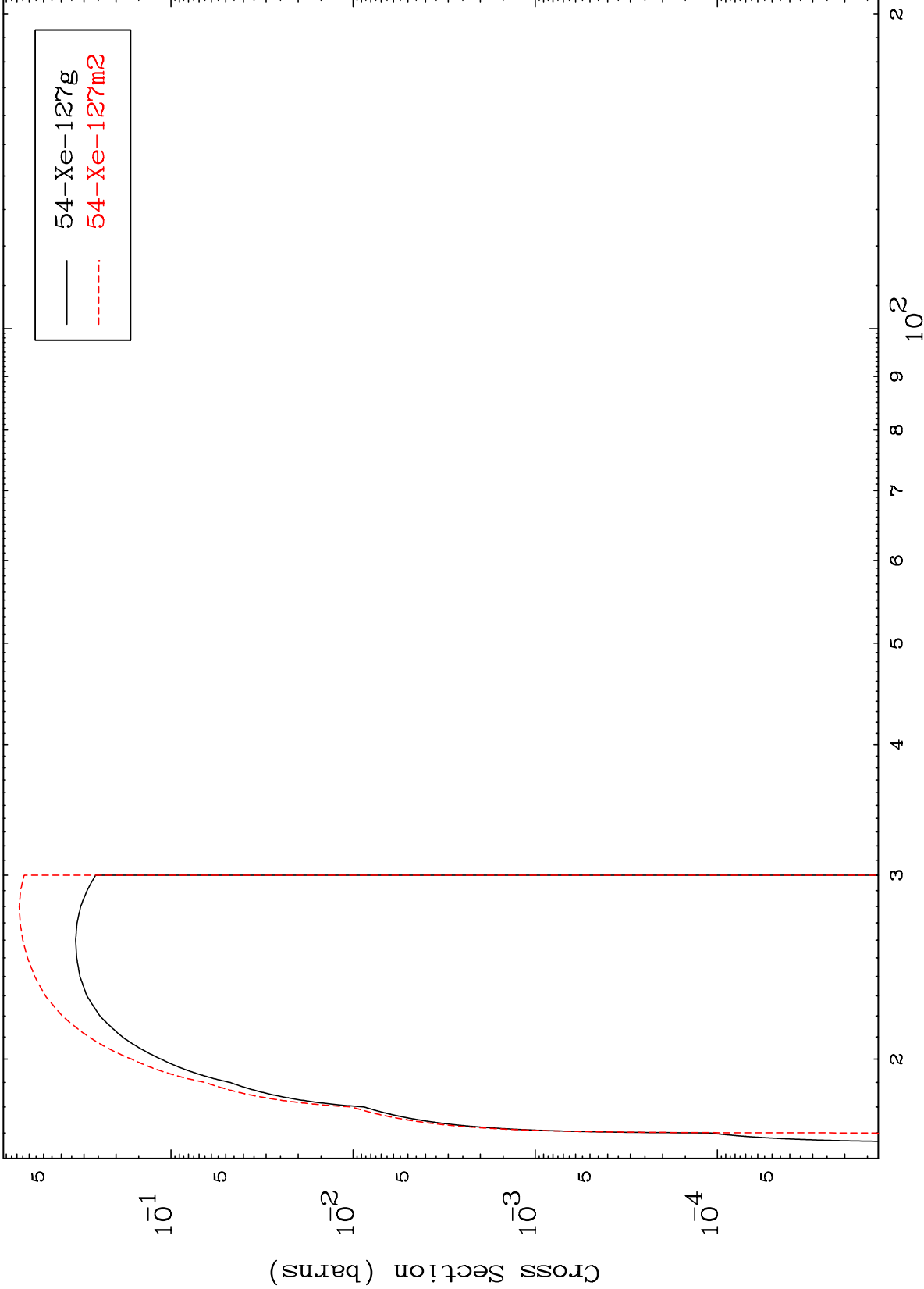
MAT 5440

Radionuclide Production Cross Section

54-Xe-129



Radionuclide Production Cross Section

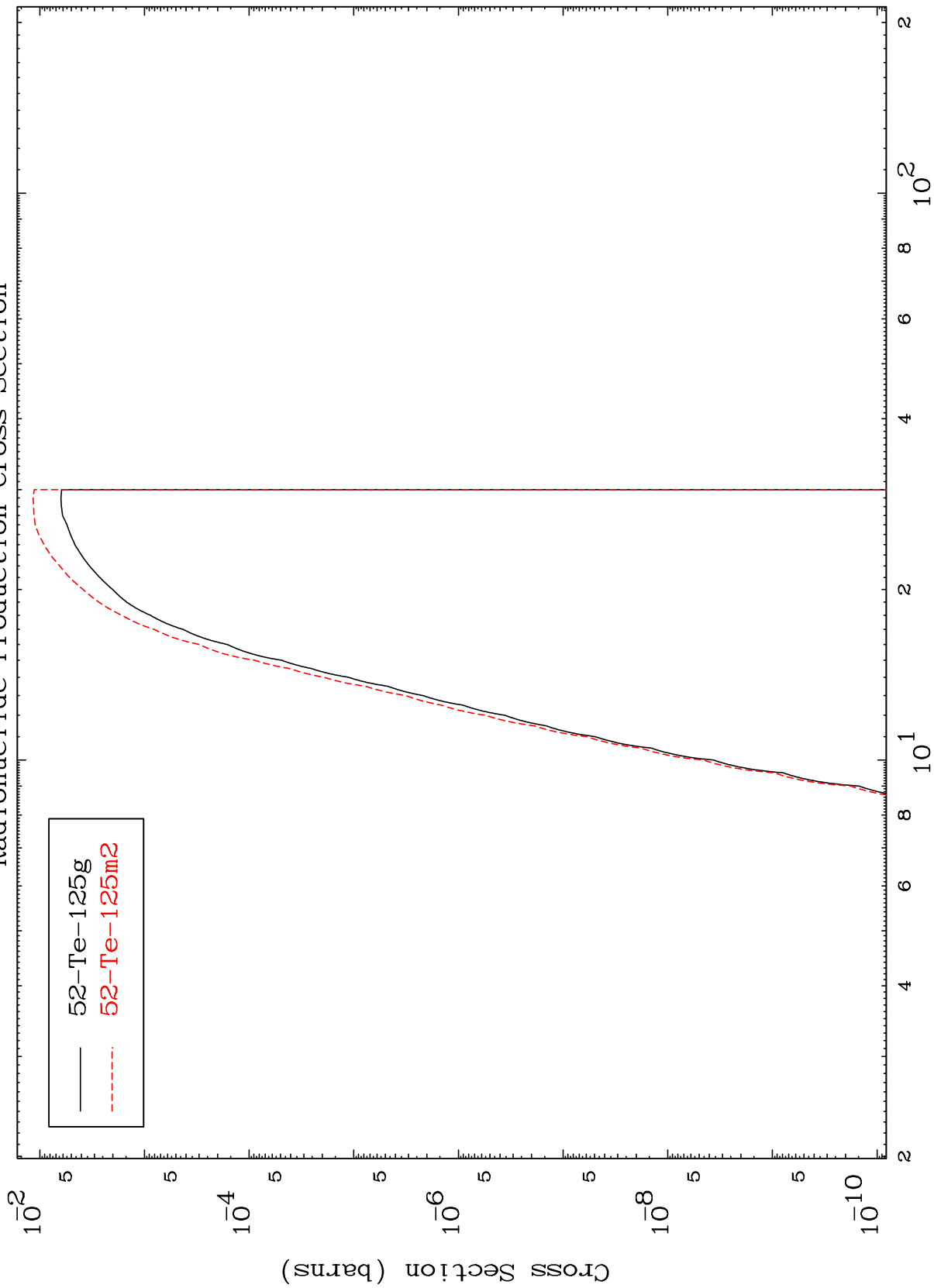


MAT 5440

$(n, n') \alpha$

54-Xe-129

Radionuclide Production Cross Section



133

Incident Energy (MeV)

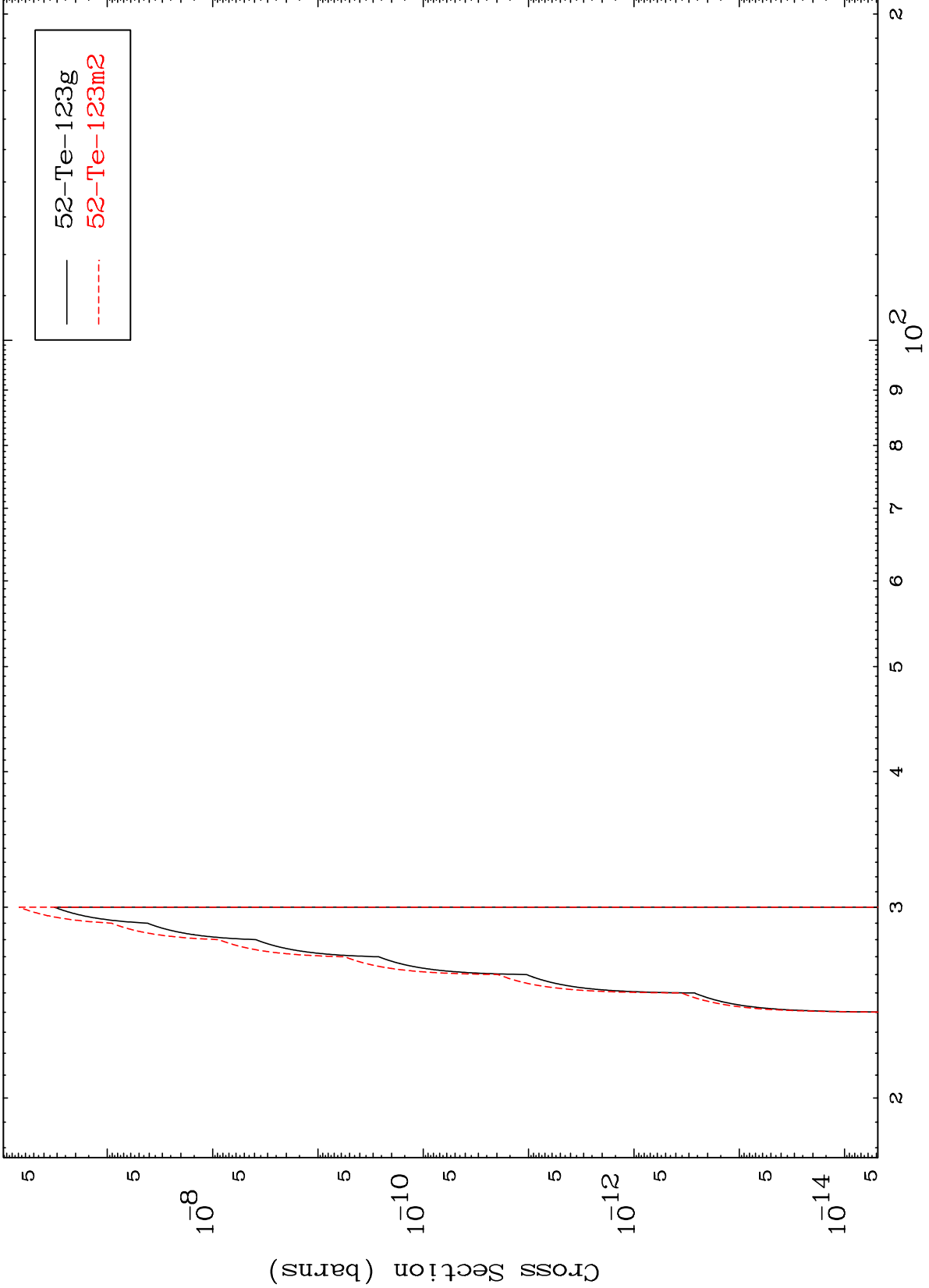
54-Xe-129

MAT 5440

(n,3n) α

54-Xe-129

Radionuclide Production Cross Section



134

Incident Energy (MeV)

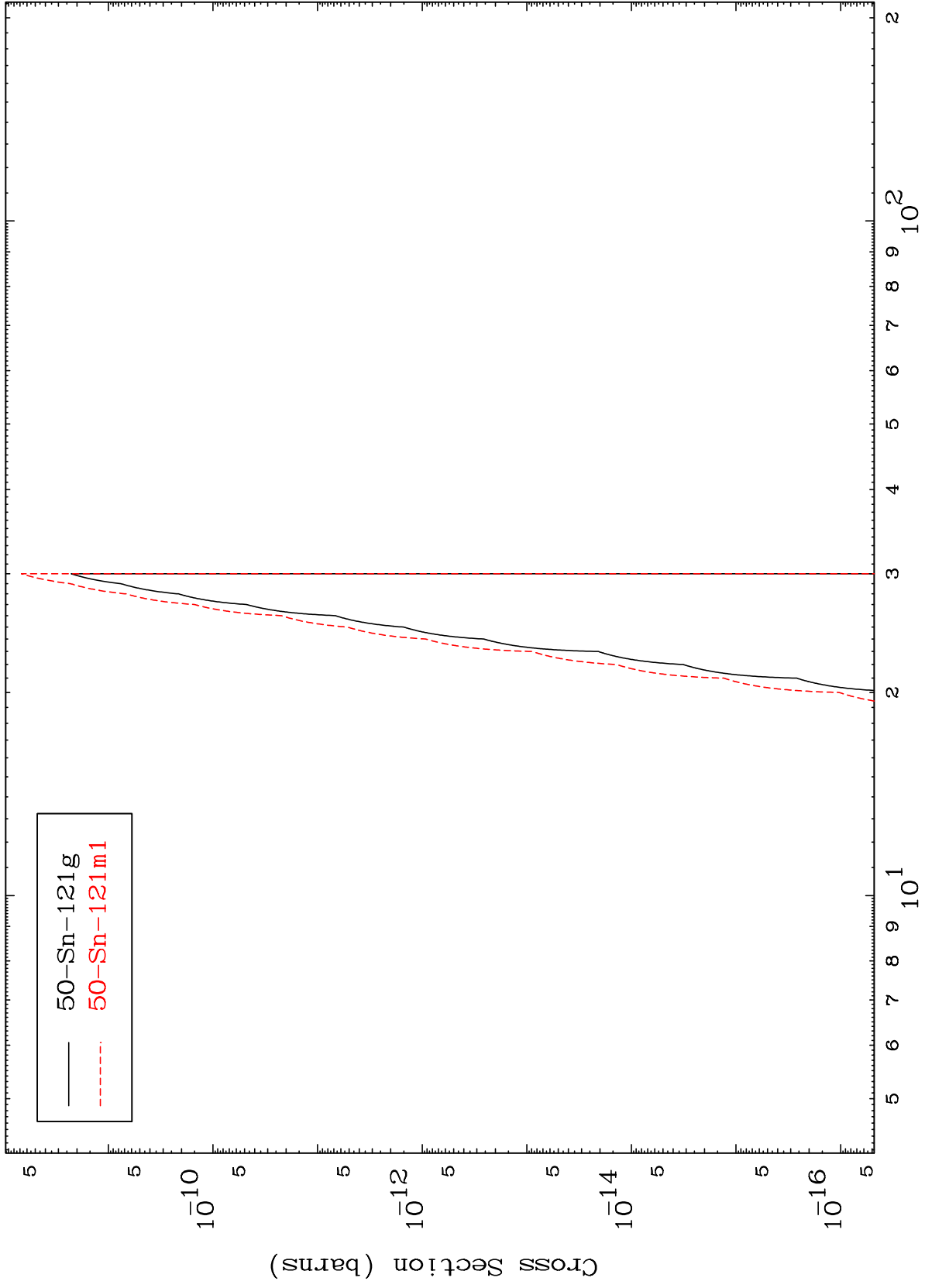
54-Xe-129

MAT 5440

(n, n') 2α

54-Xe-129

Radionuclide Production Cross Section



135

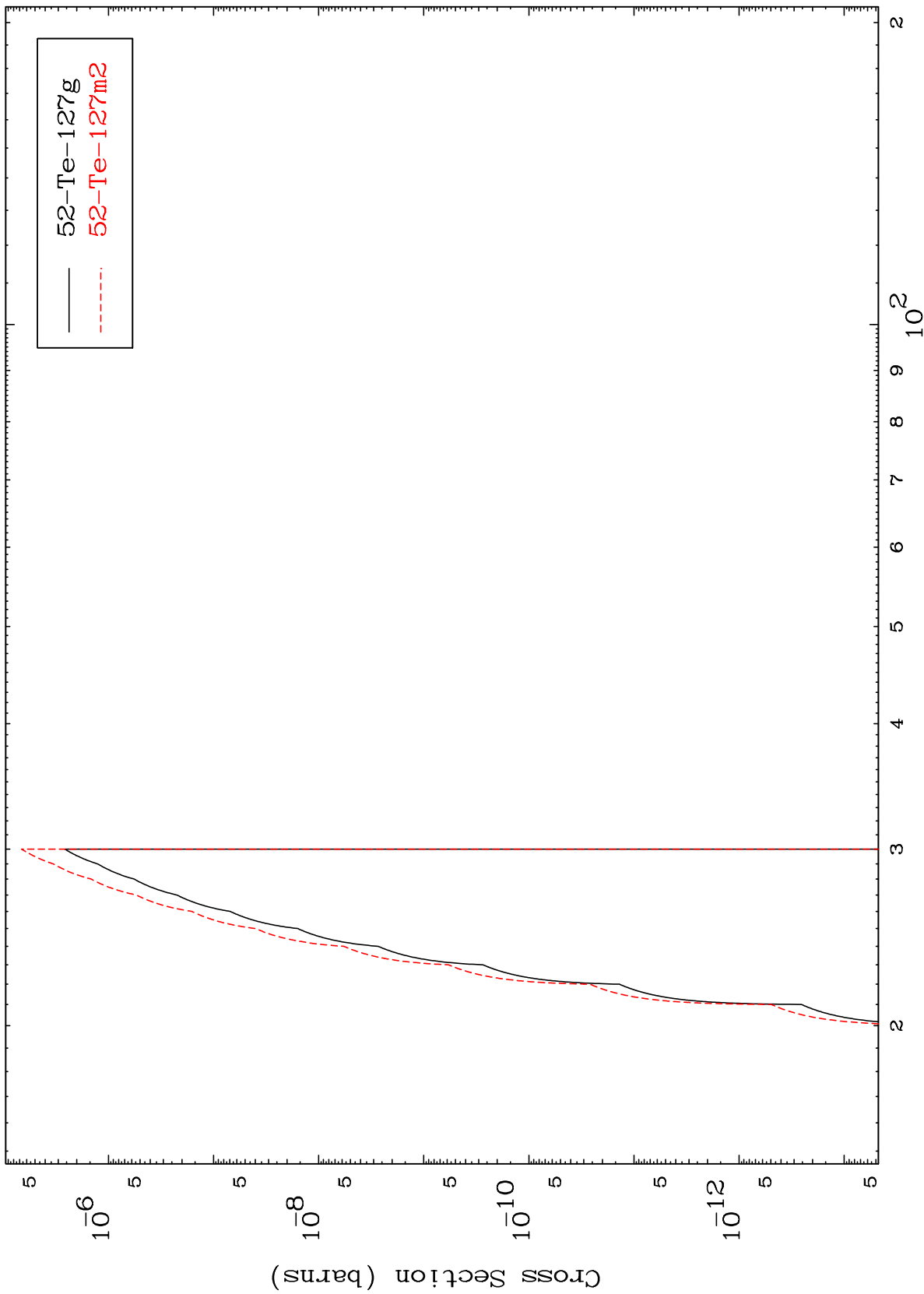
Incident Energy (MeV)

54-Xe-129

MAT 5440

54-Xe-129

(n,2n) p
Radionuclide Production Cross Section

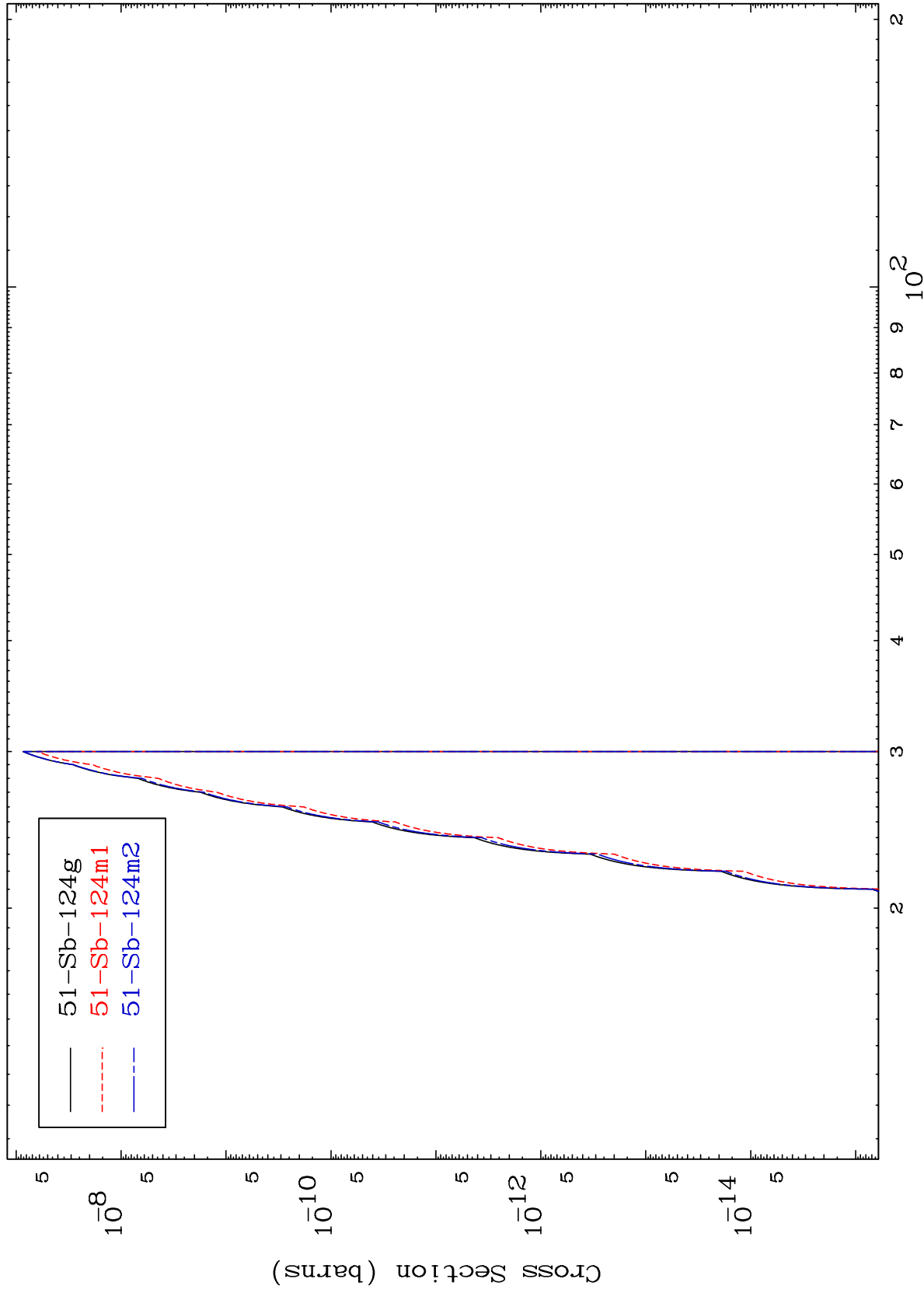


136

54-Xe-129

Incident Energy (MeV)

Radionuclide Production Cross Section

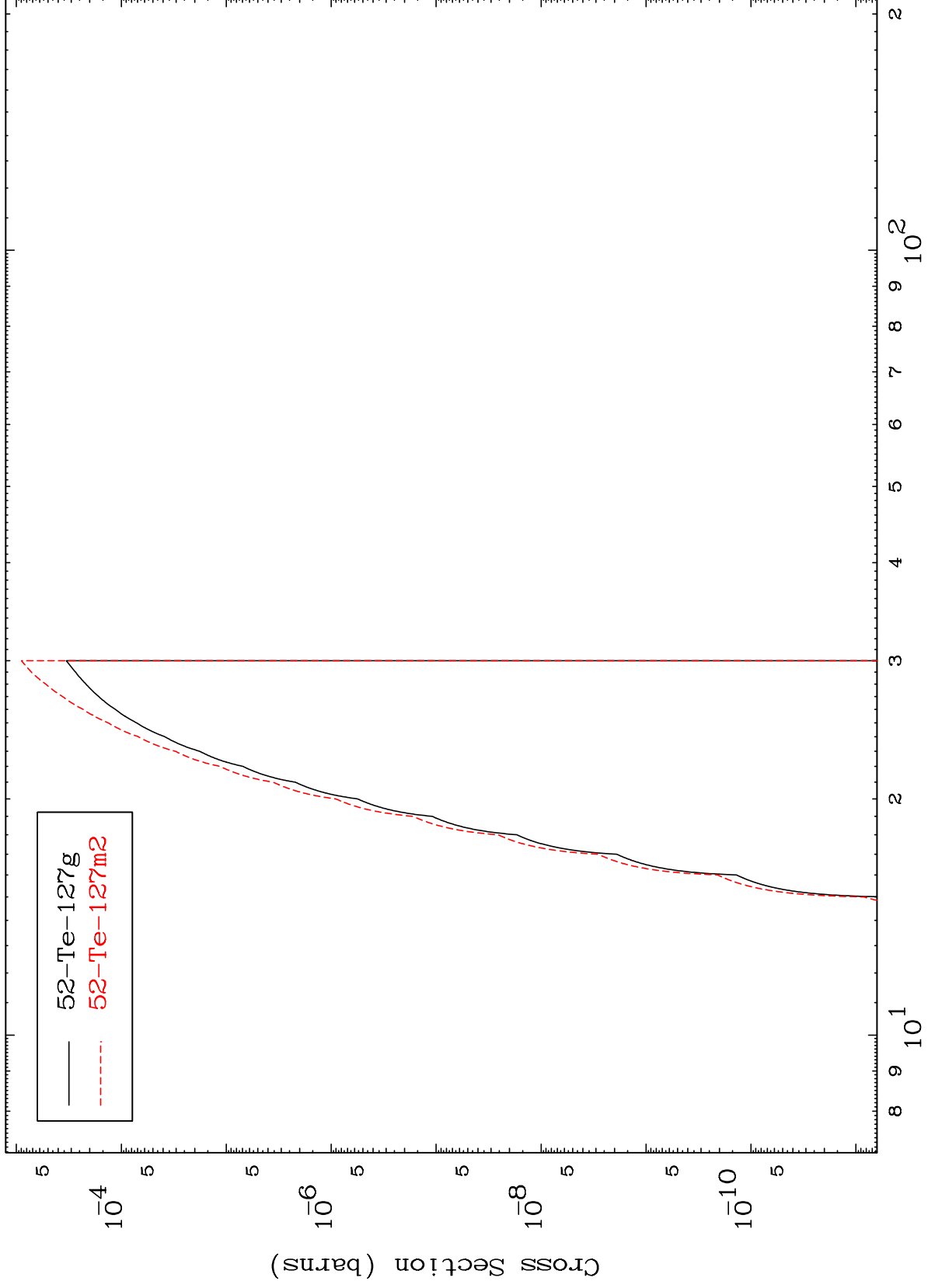


MAT 5440

(n,He-3)

54-Xe-129

Radionuclide Production Cross Section

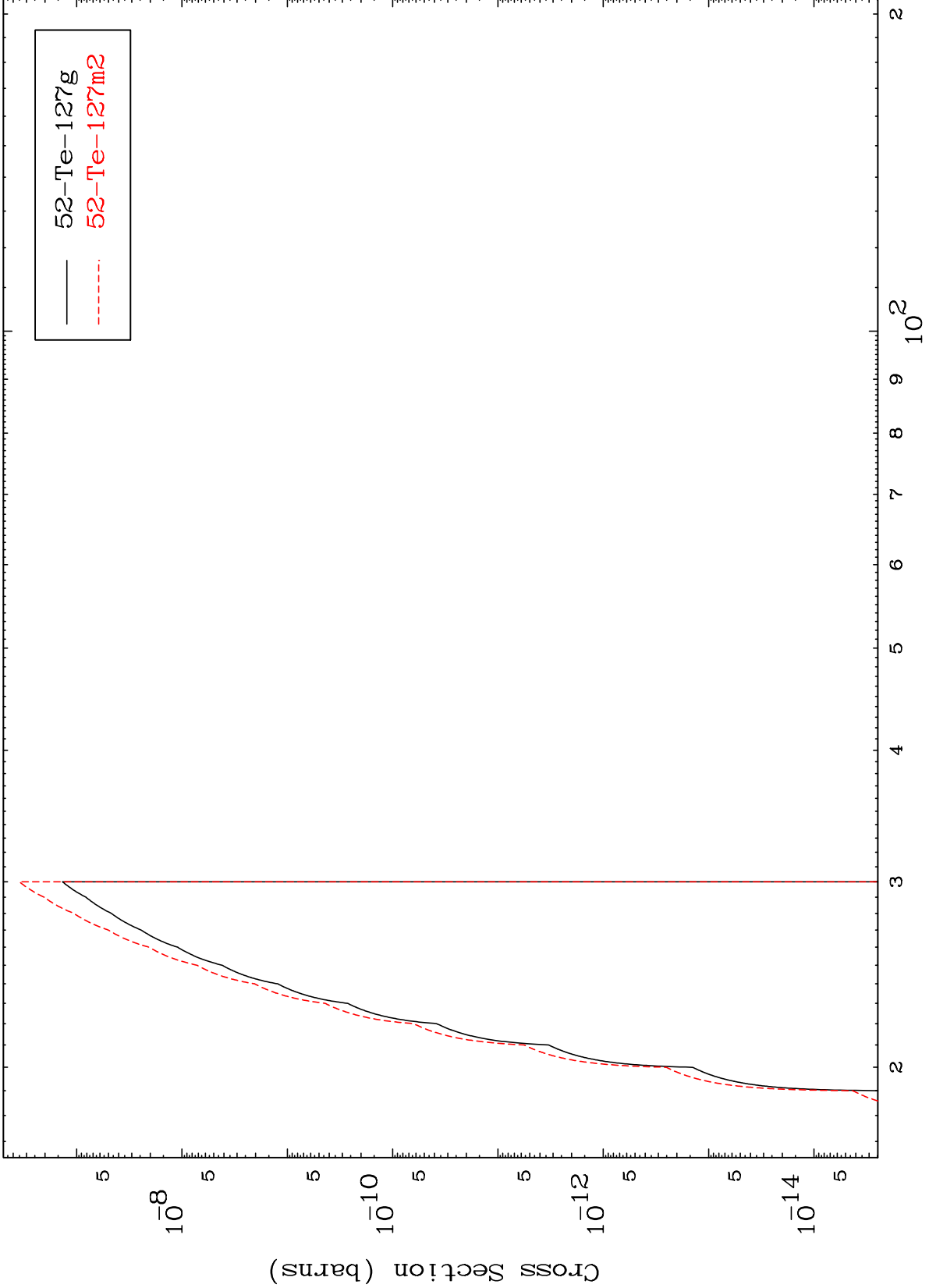


138

Incident Energy (MeV)

54-Xe-129

Radionuclide Production Cross Section

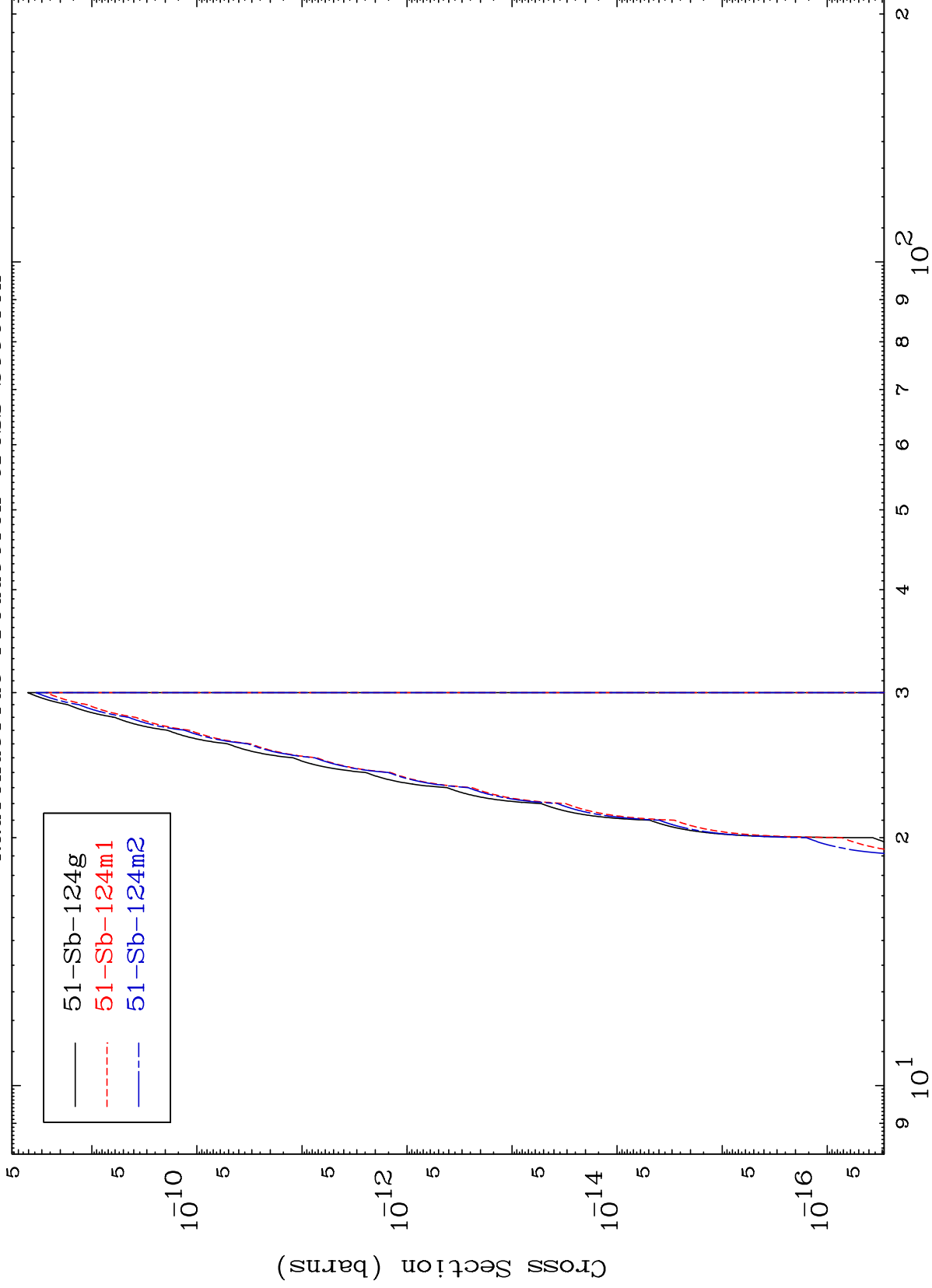


MAT 5440

(n,d) α

54-Xe-129

Radionuclide Production Cross Section



140

Incident Energy (MeV)

54-Xe-129