

Program EVALPLOT
(Version 2021-1)

by

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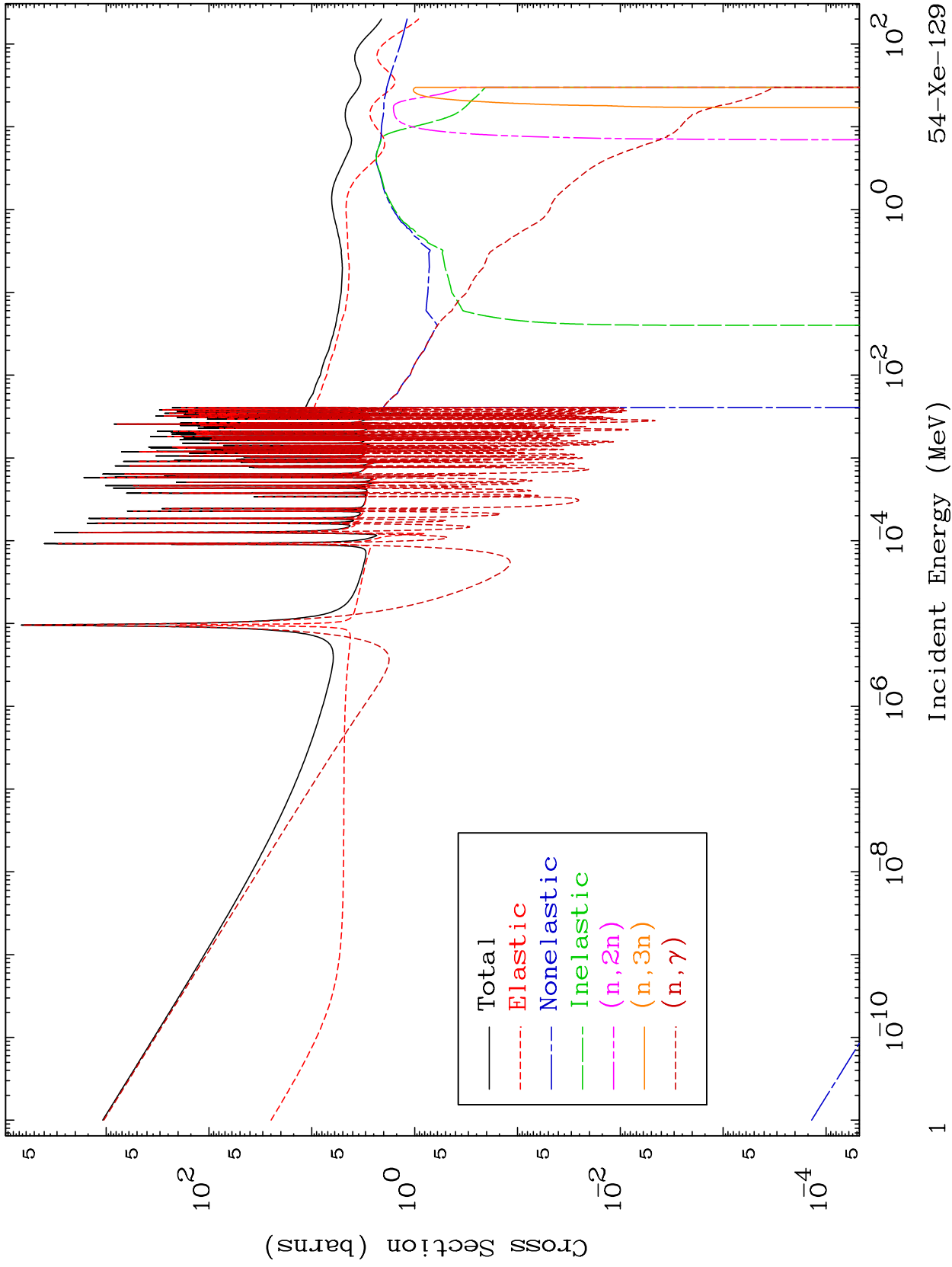
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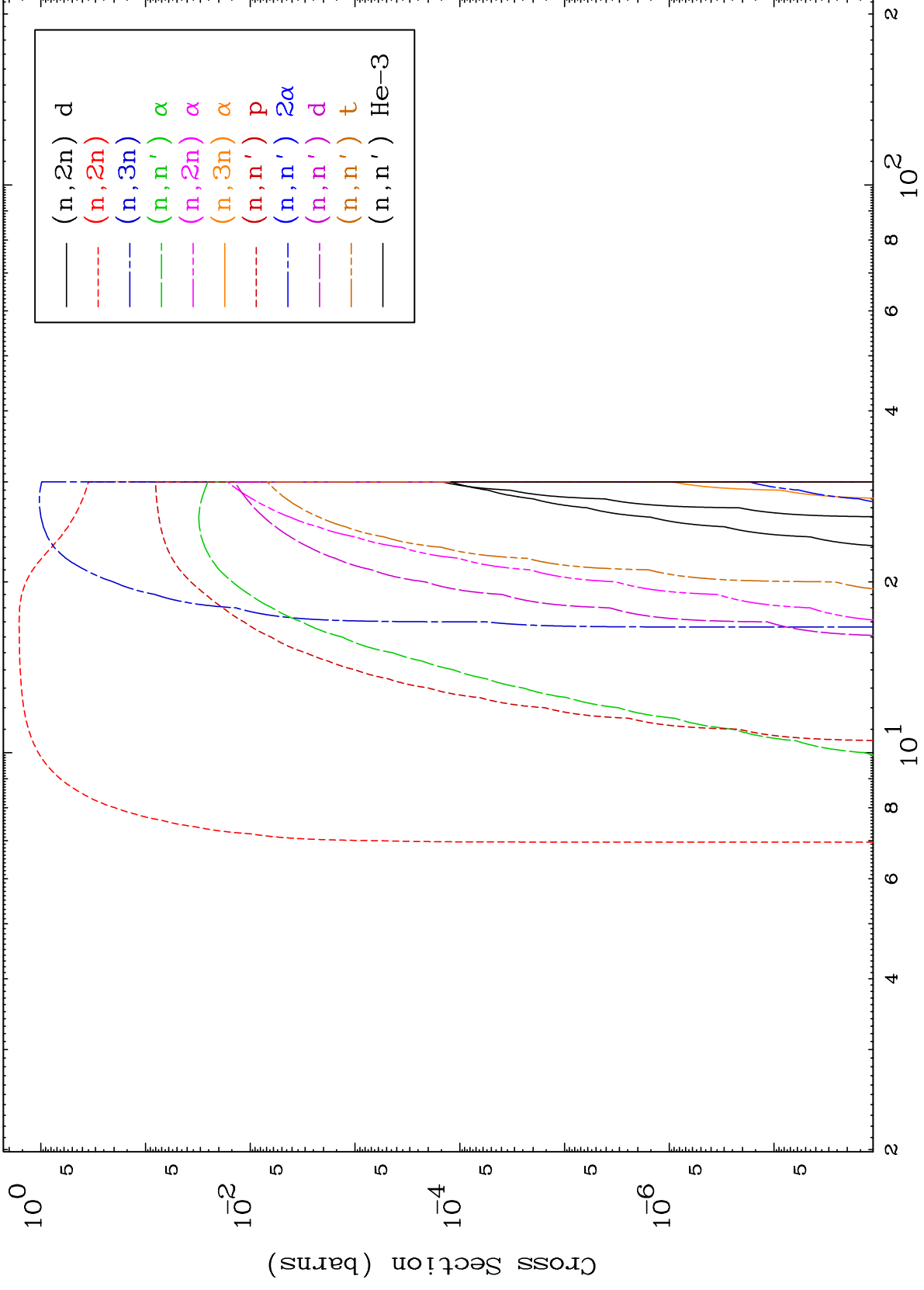
Press Mouse Button to Start

MAT 5440

Neutron Major
293 Kelvin Cross Sections

54-Xe-129

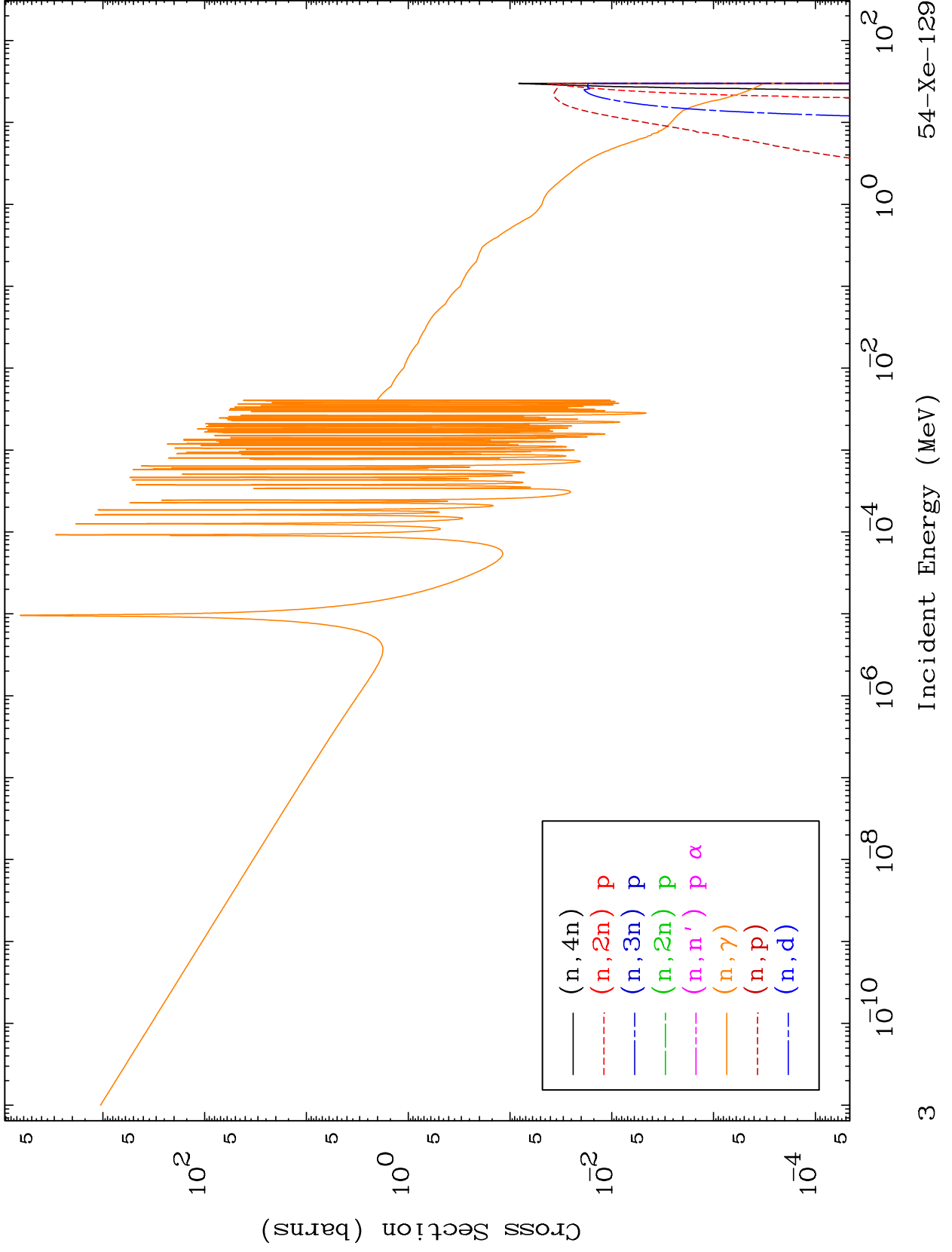




MAT 5440

Neutron Absorption
293 Kelvin Cross Sections

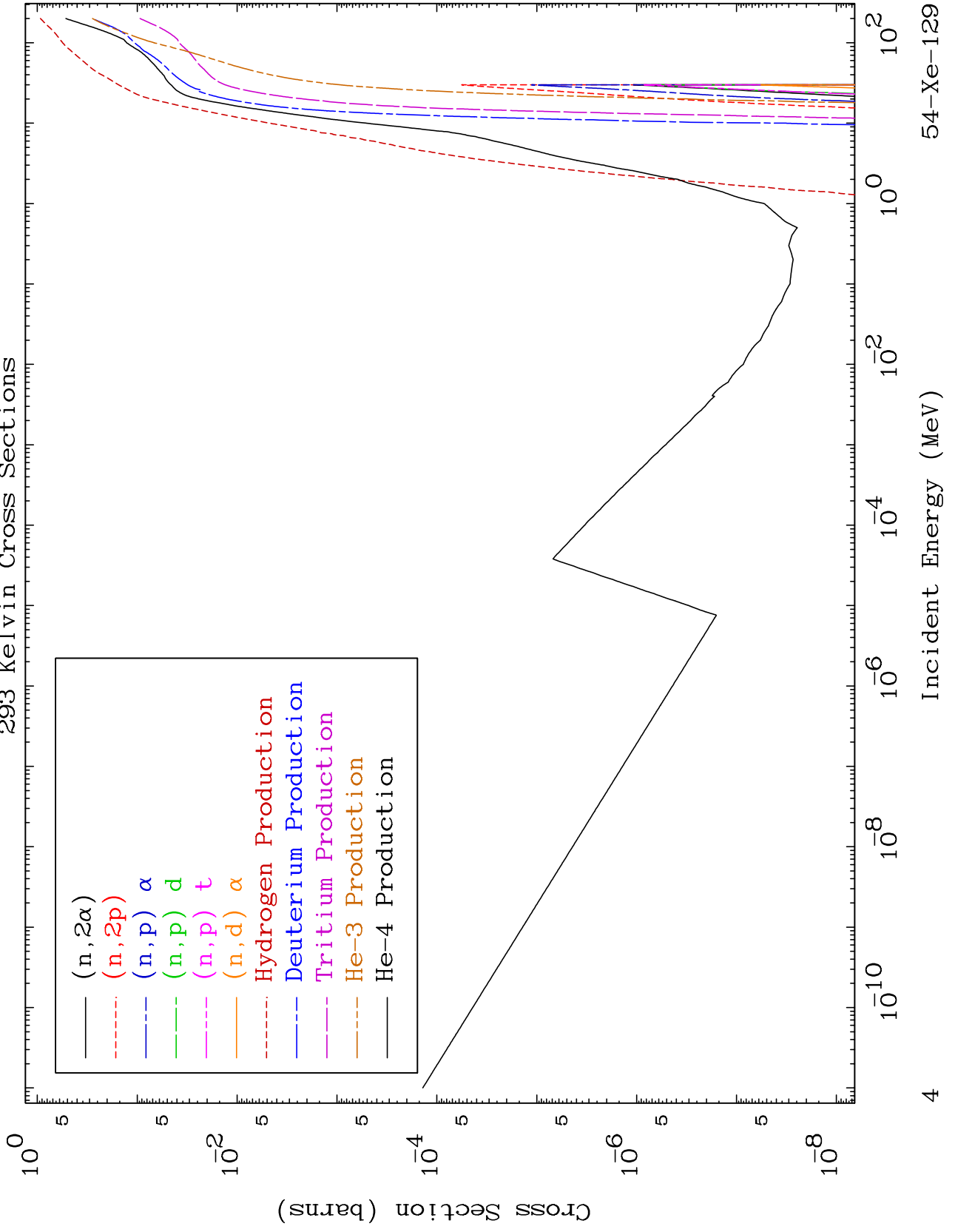
54-Xe-129

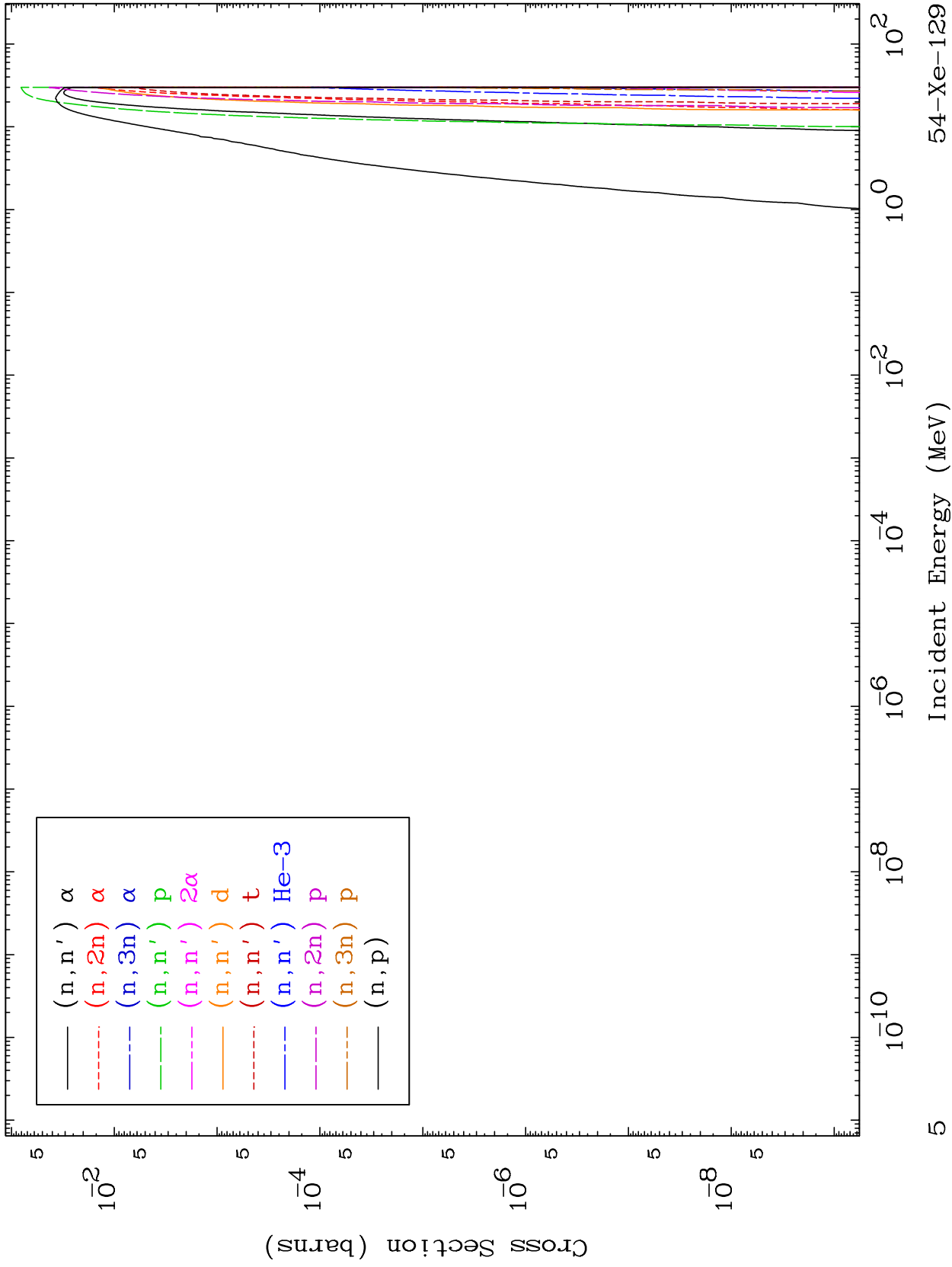


MAT 5440

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-129

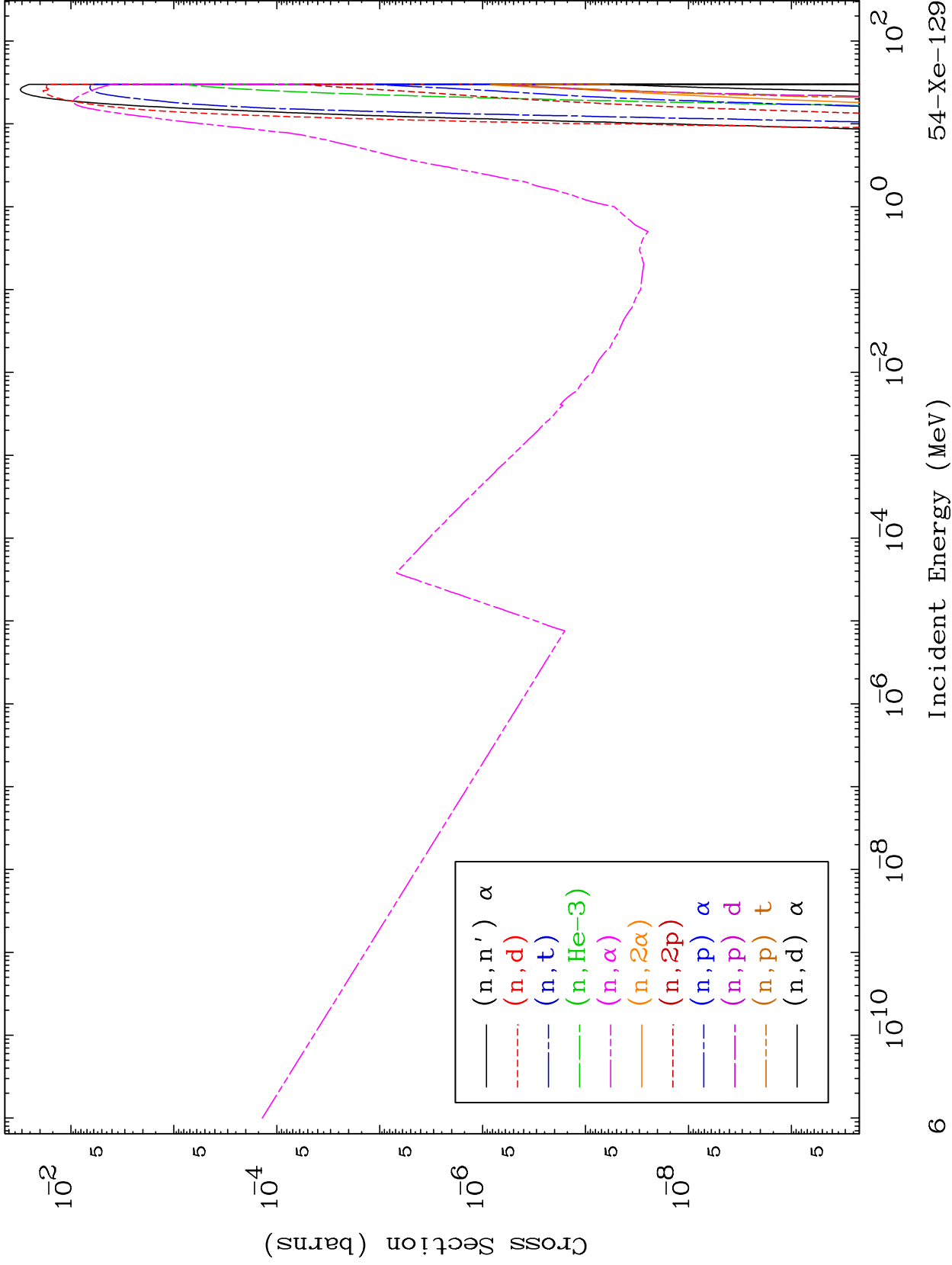




MAT 5440

Charged Particle
293 Kelvin Cross Sections

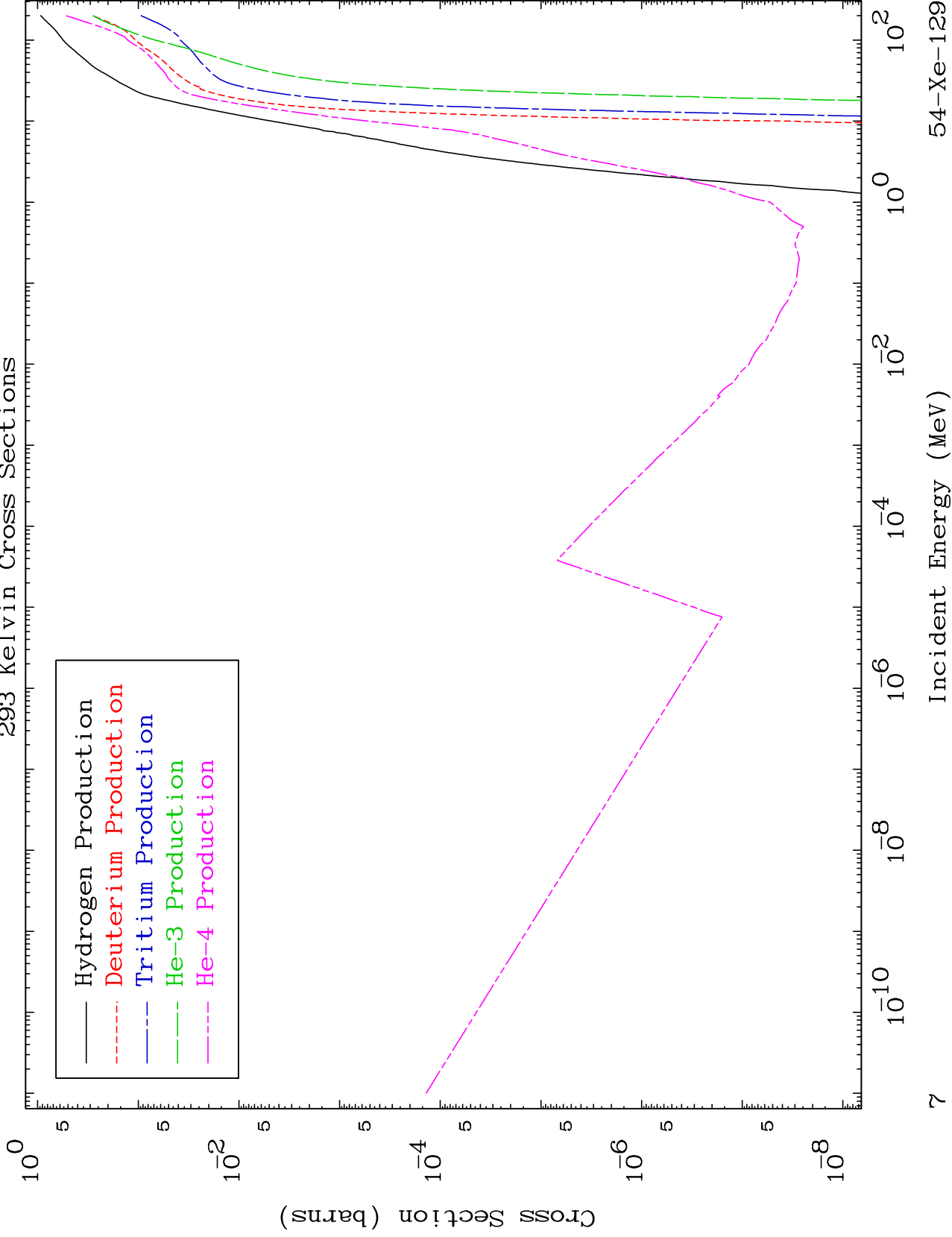
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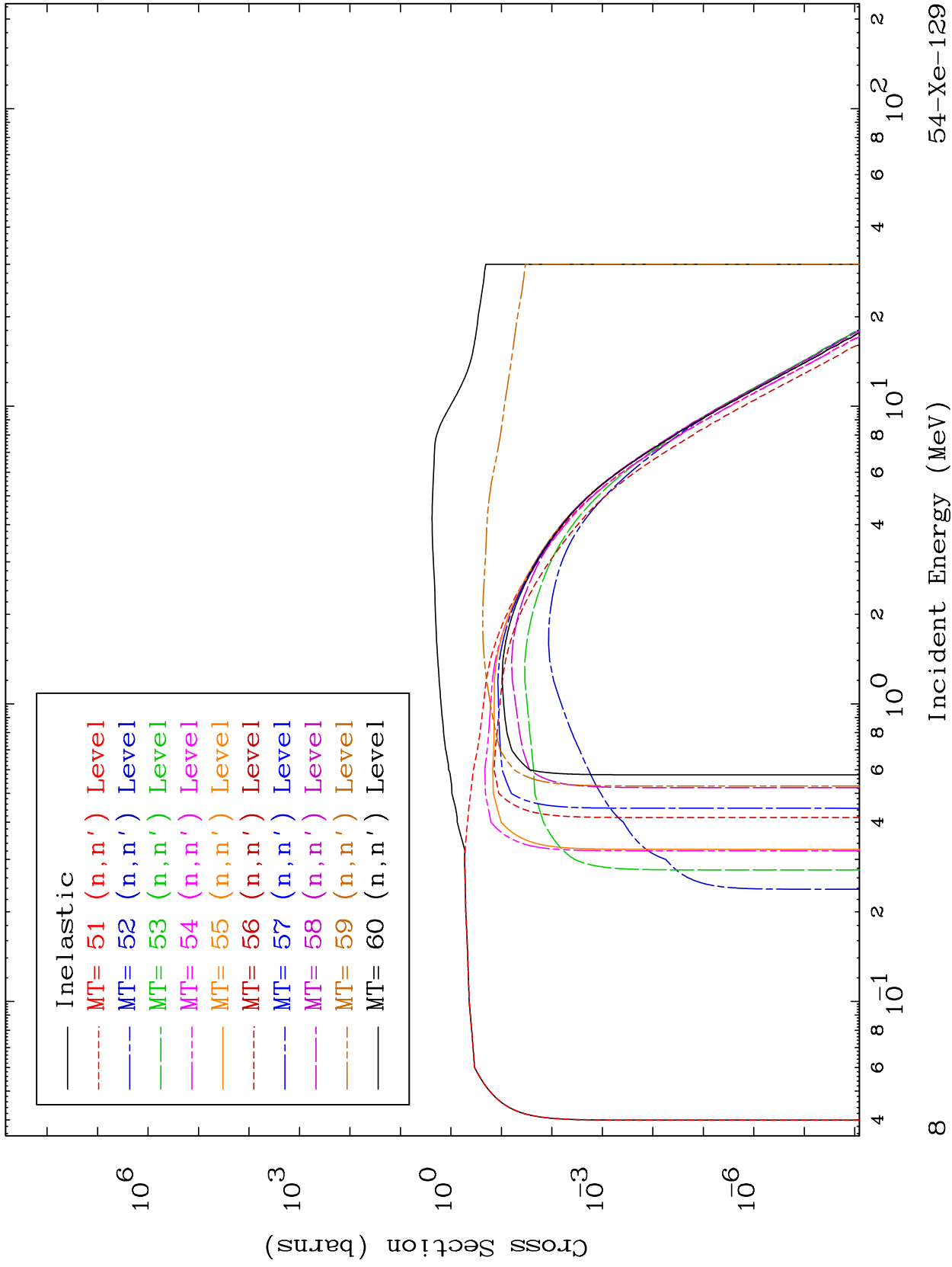


MAT 5440

Particle Production
293 Kelvin Cross Sections

54-Xe-129

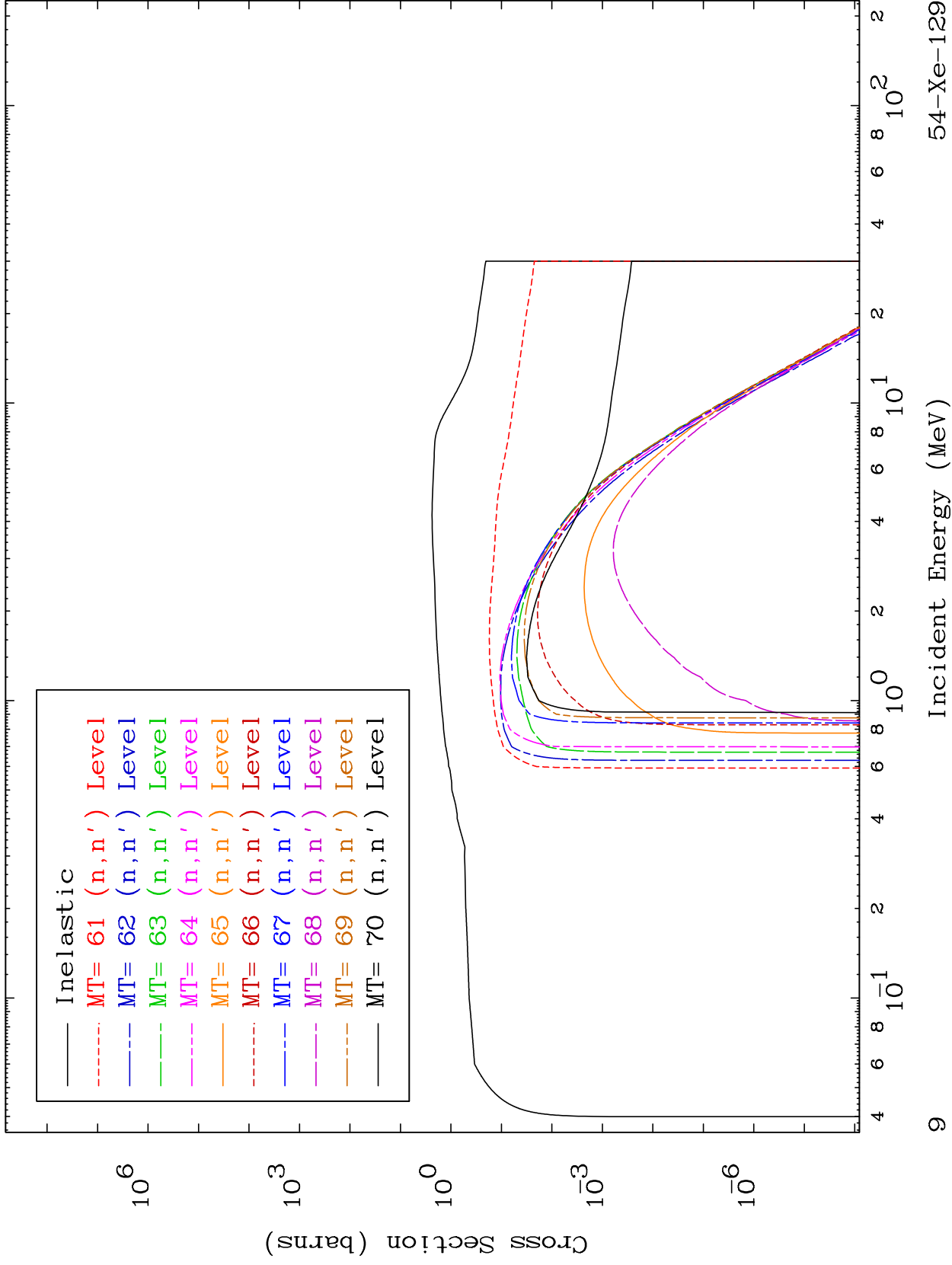




MAT 5440

(n,n') Levels
293 Kelvin Cross Sections

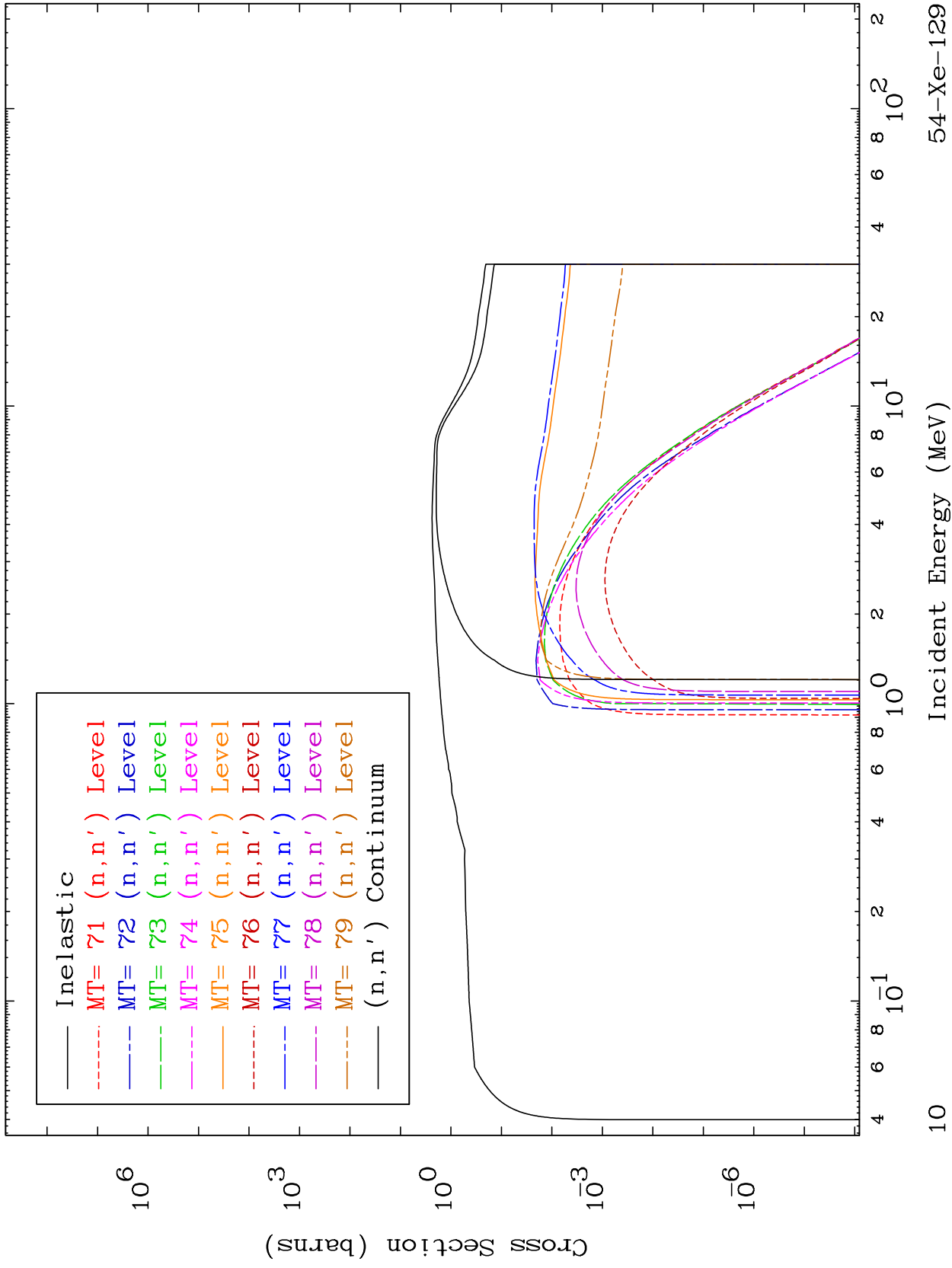
54-Xe-129



MAT 5440

(n,n') Levels
293 Kelvin Cross Sections

54-Xe-129



10

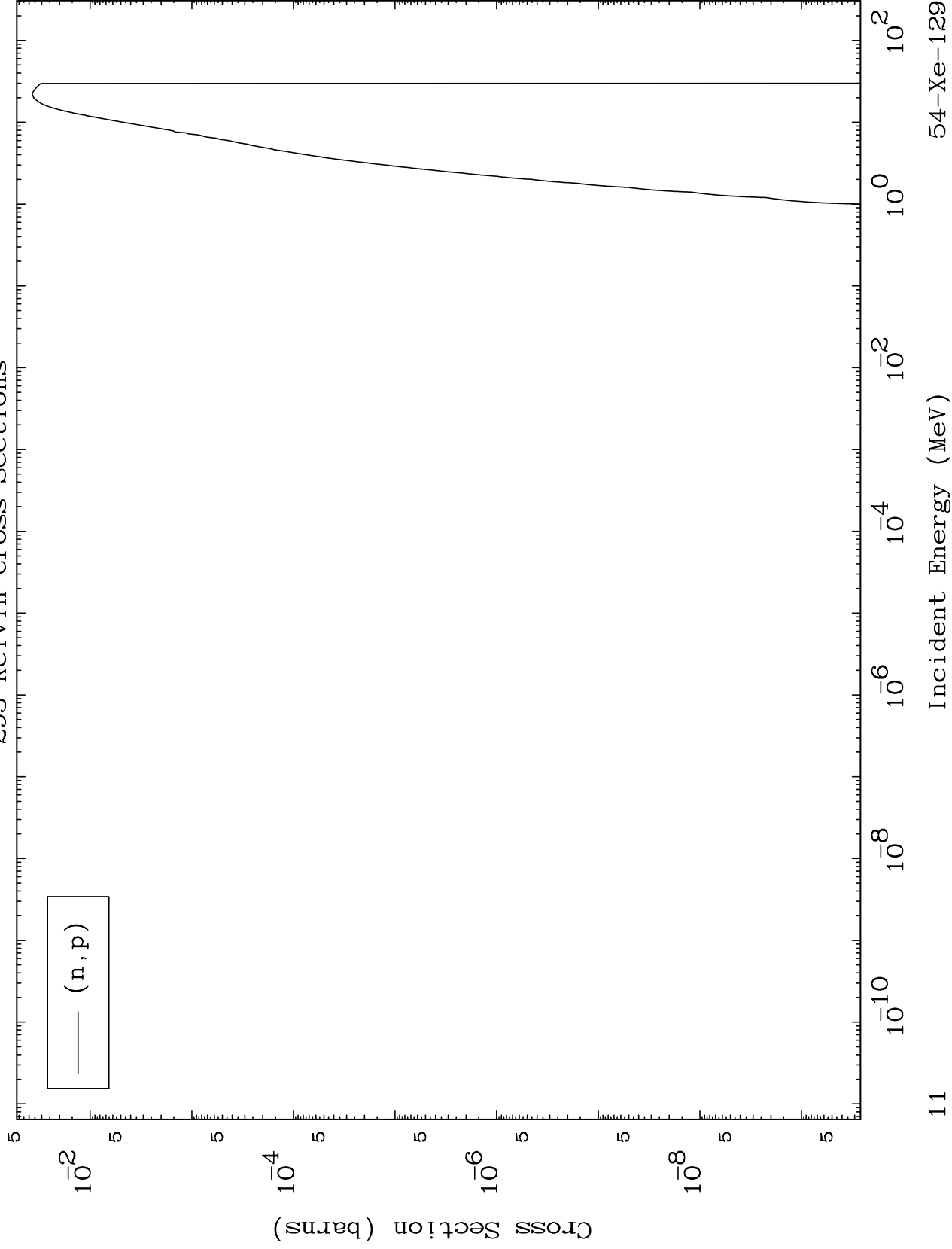
Incident Energy (MeV)

54-Xe-129

MAT 5440

(n,p) Levels
293 Kelvin Cross Sections

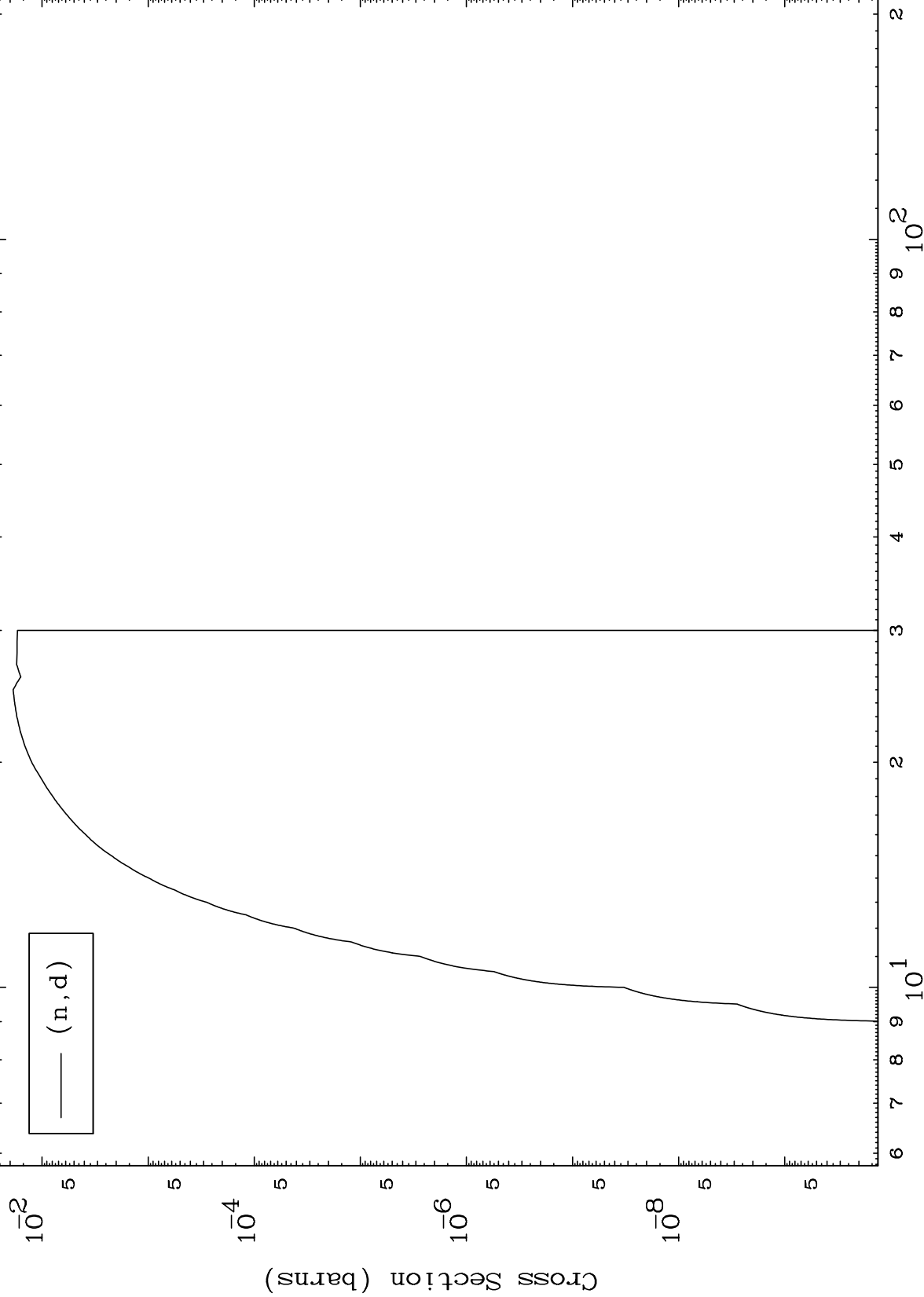
54-Xe-129



MAT 5440

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-129



12

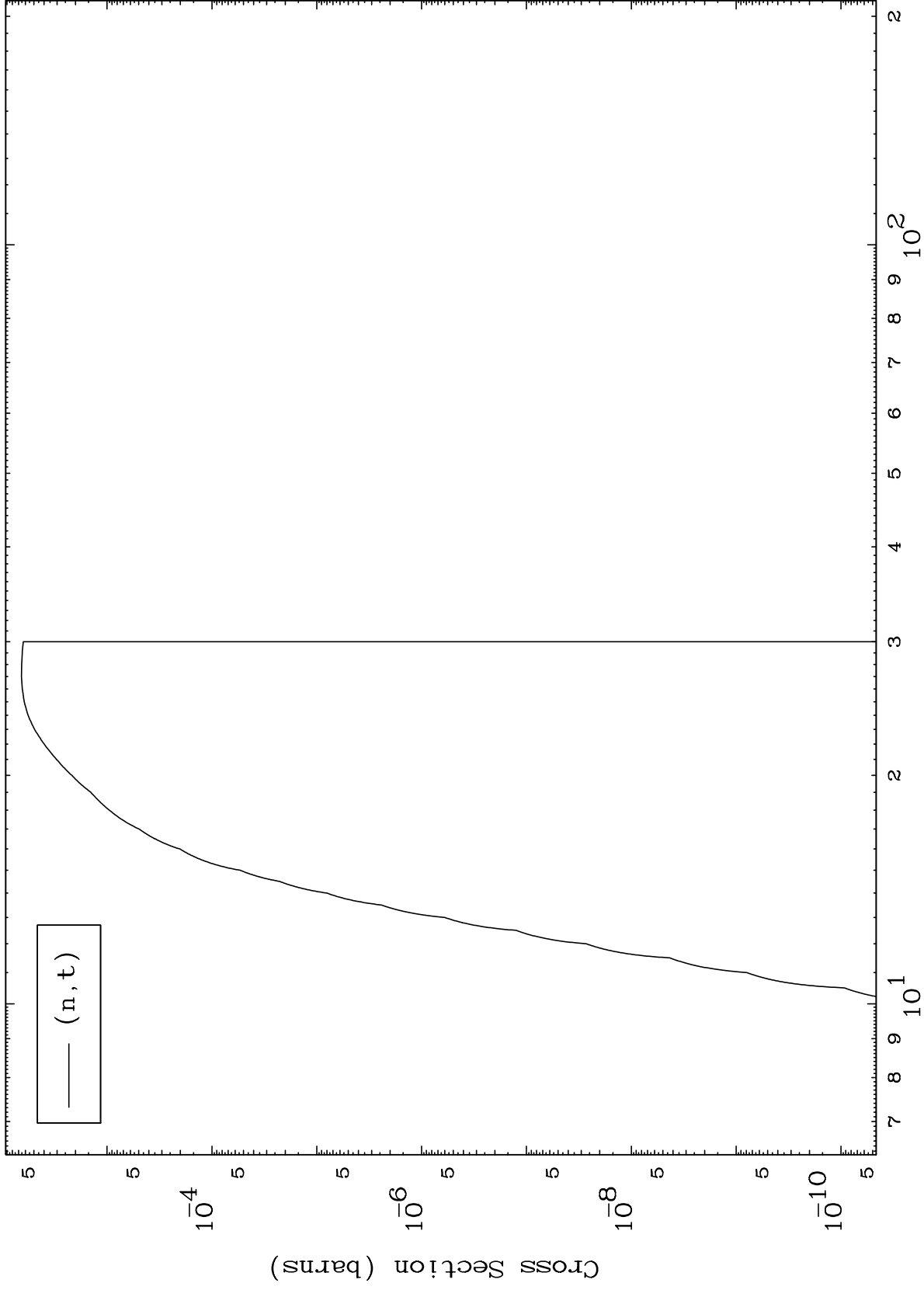
Incident Energy (MeV)

54-Xe-129

MAT 5440

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-129



13

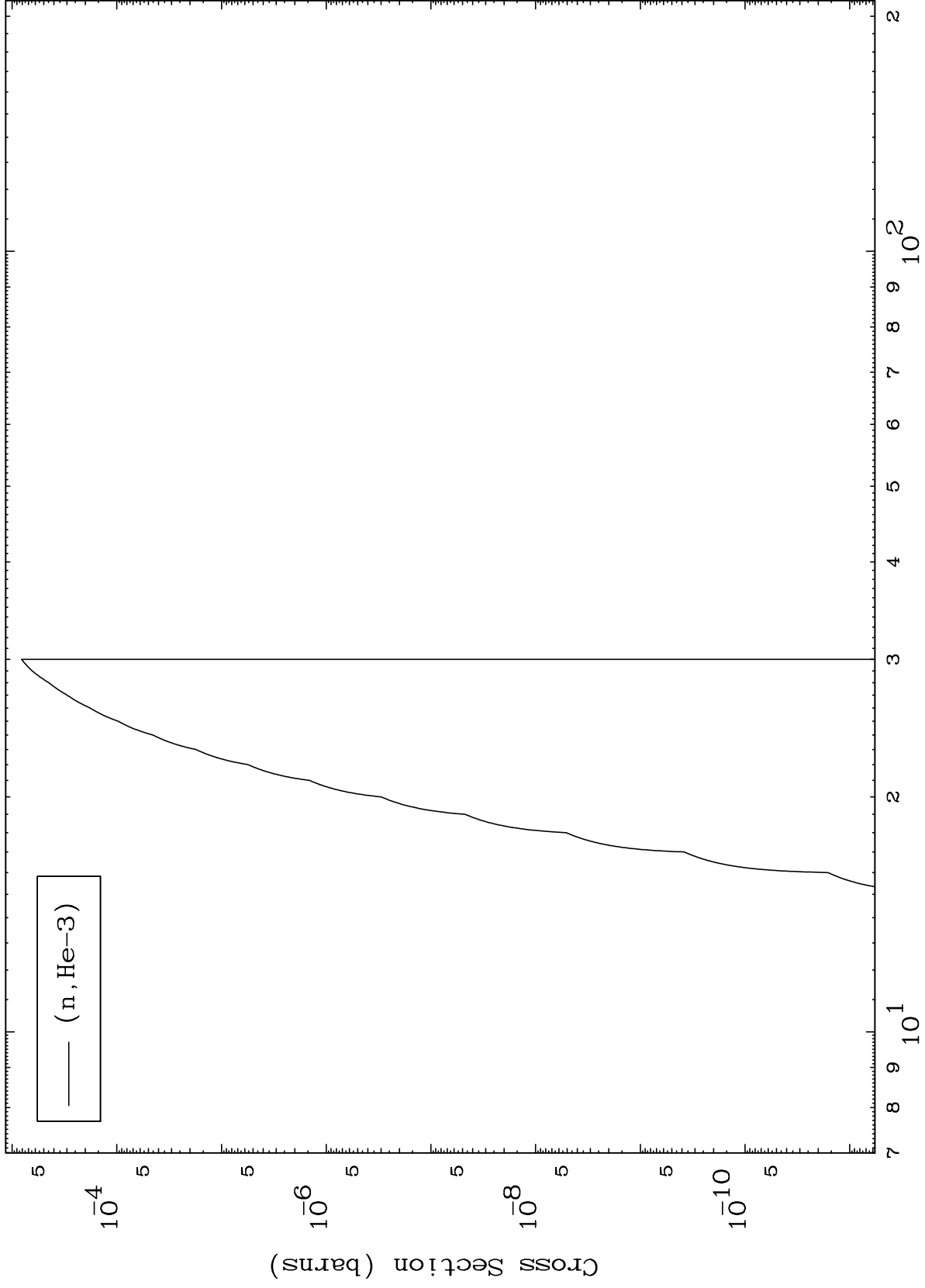
Incident Energy (MeV)

54-Xe-129

MAT 5440

(n,He3) Levels
293 Kelvin Cross Sections

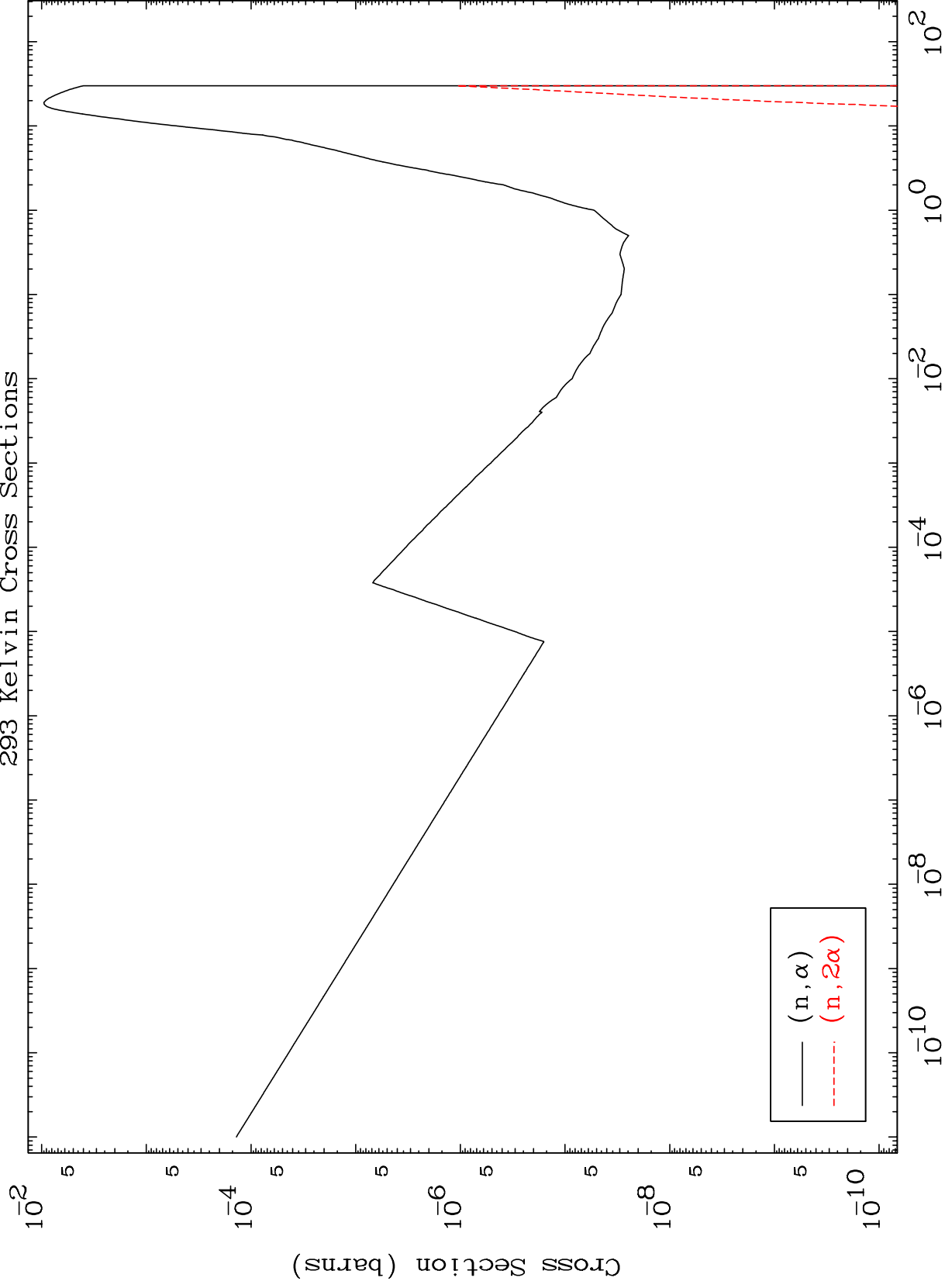
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MAT 5440

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-129



Incident Energy (MeV)

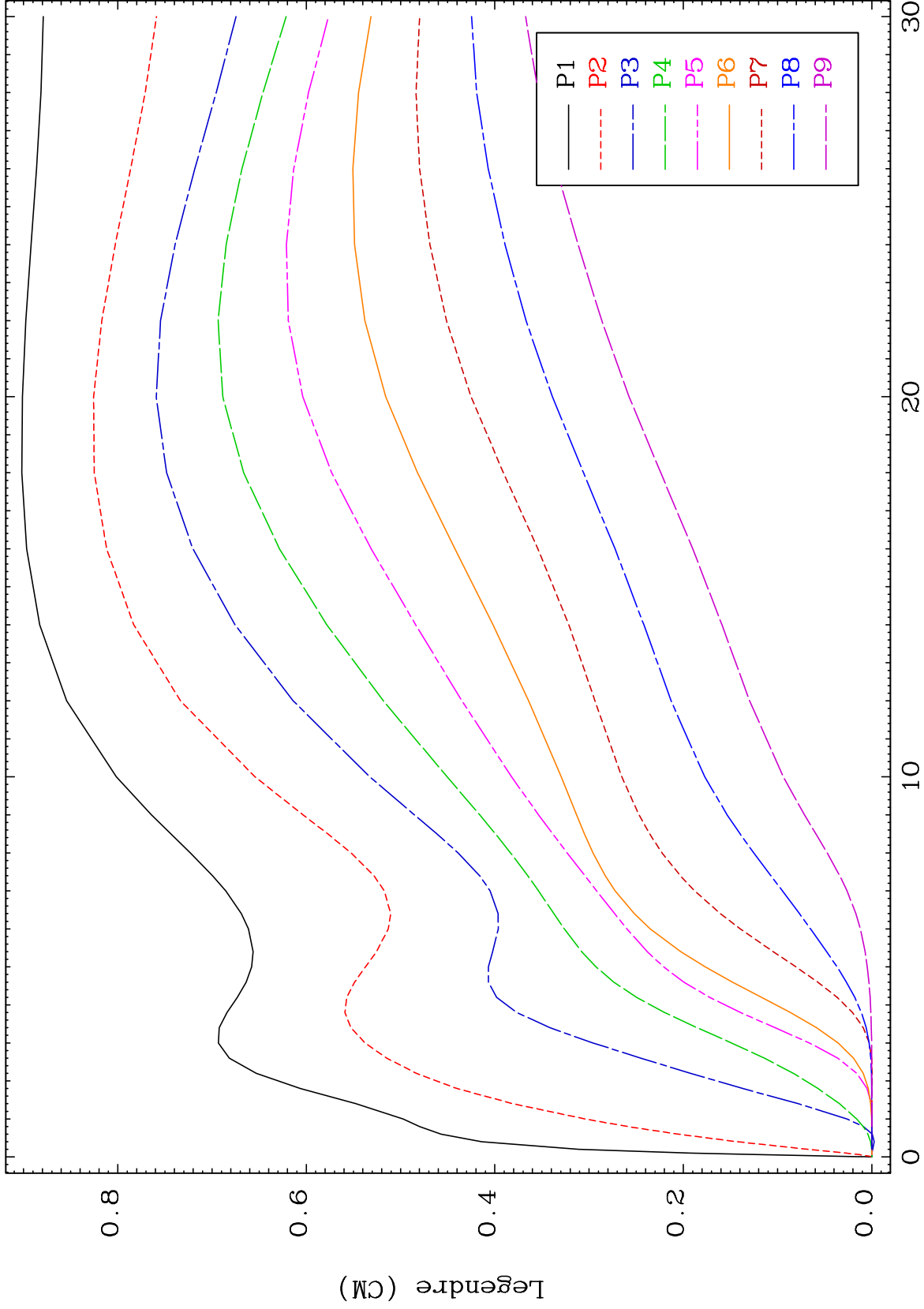
54-Xe-129

15

MAT 5440

Elastic Legendre Coefficients

54-Xe-129



16

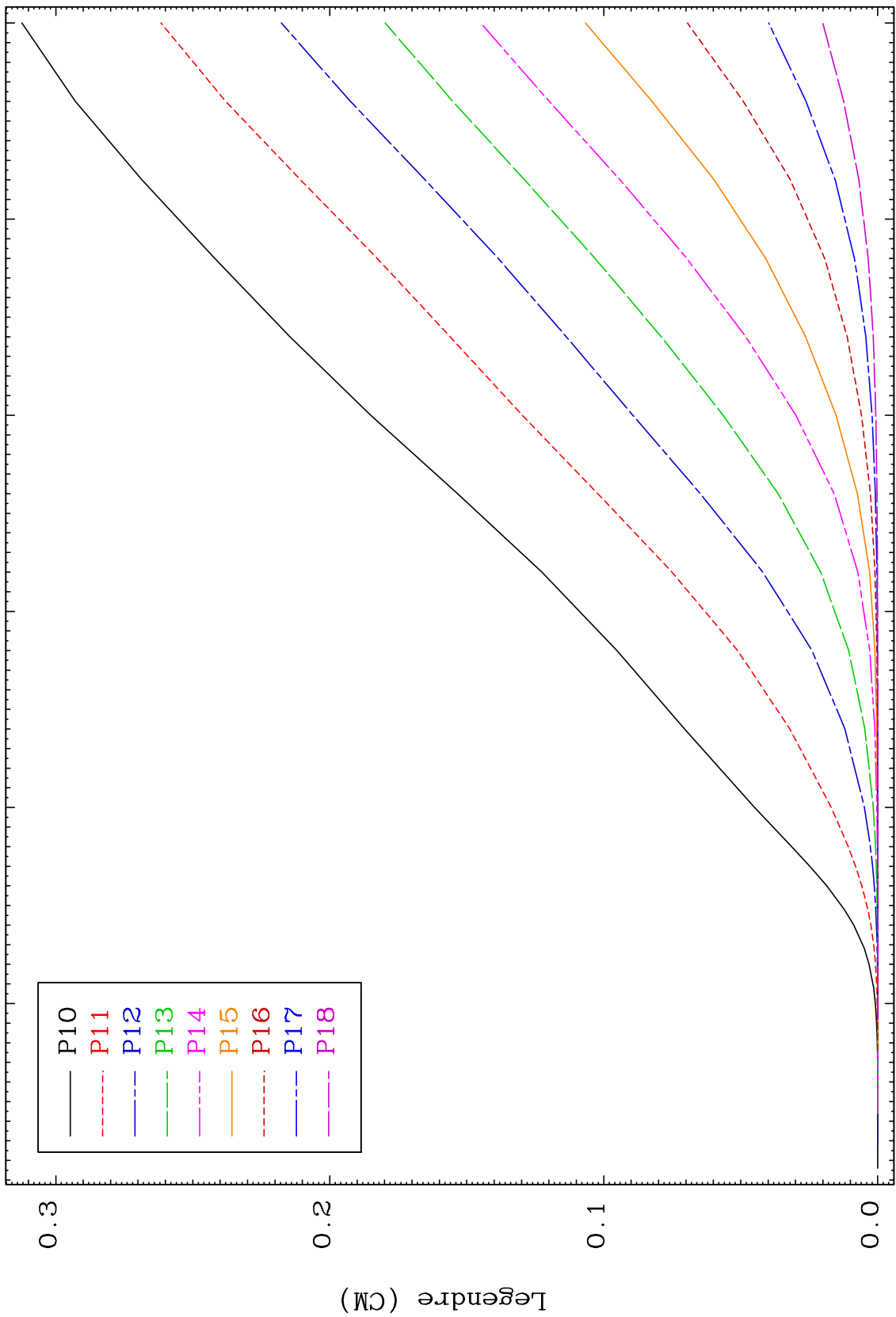
Incident Energy (MeV)

54-Xe-129

MAT 5440

Elastic Legendre Coefficients

54-Xe-129



17

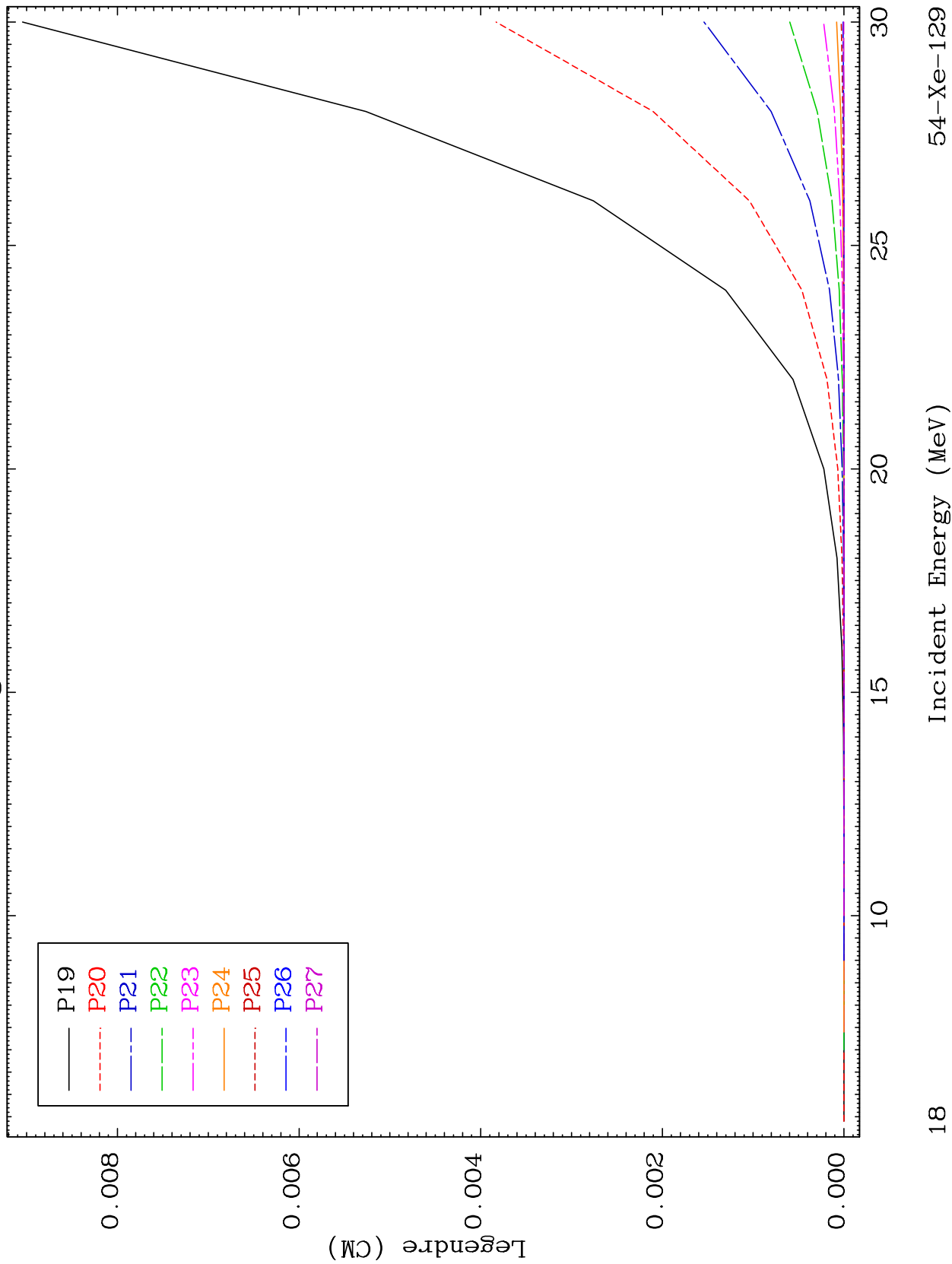
54-Xe-129

Incident Energy (MeV)

MAT 5440

Elastic Legendre Coefficients

54-Xe-129



18

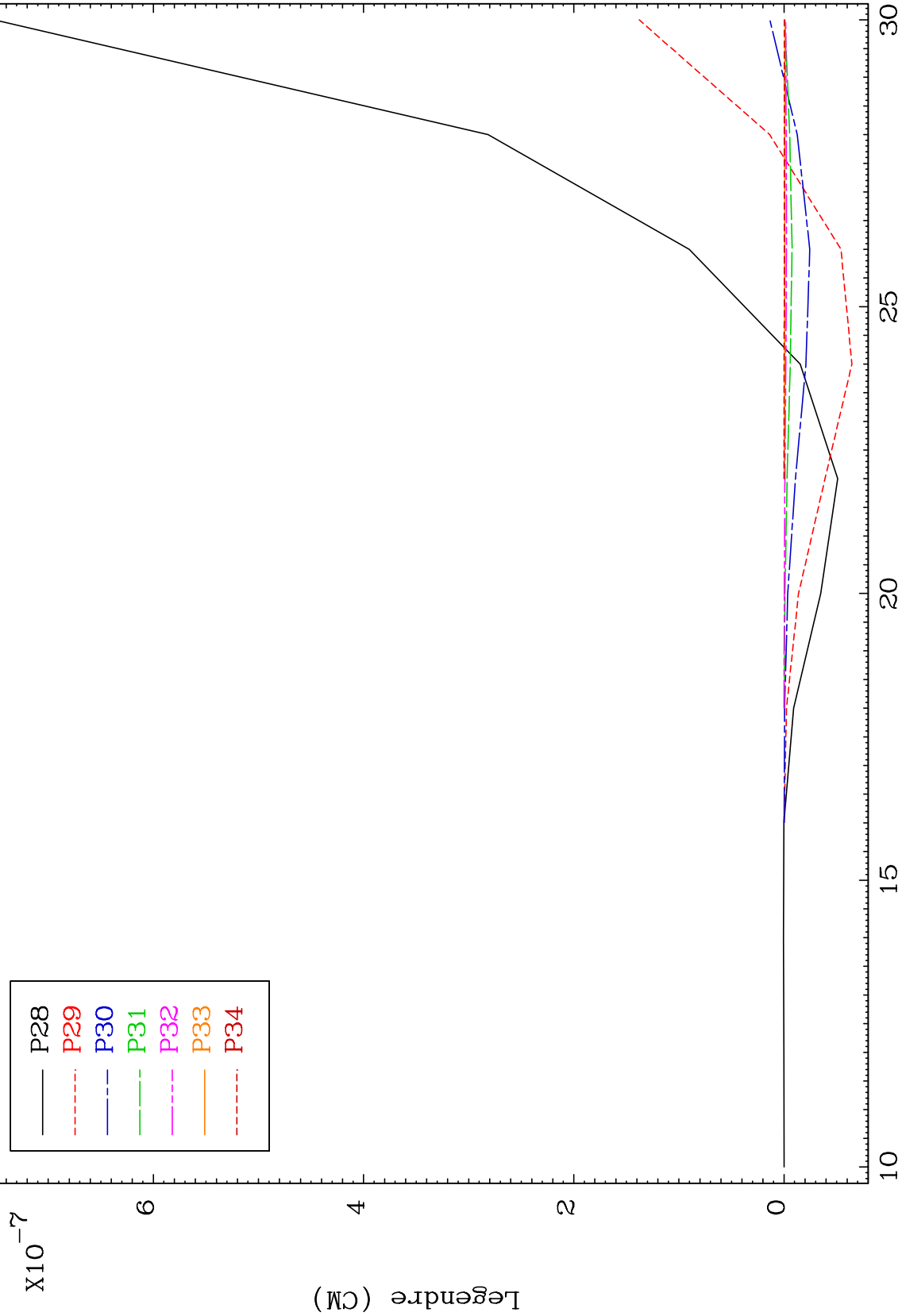
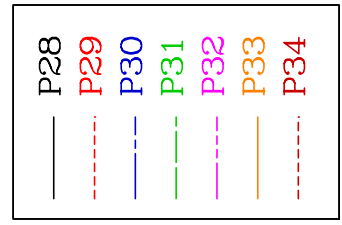
Incident Energy (MeV)

54-Xe-129

MAT 5440

Elastic
Legendre Coefficients

54-Xe-129



19

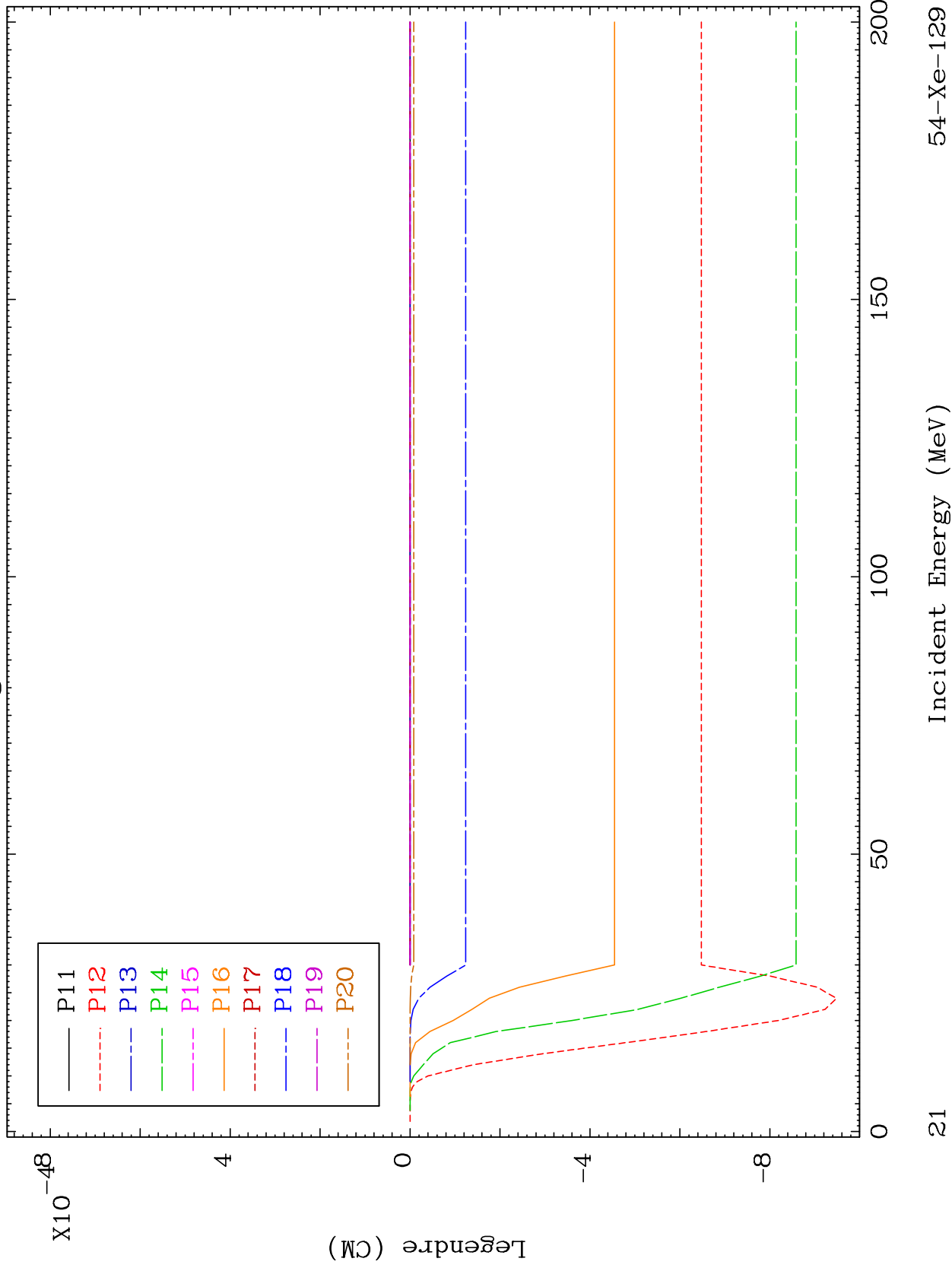
Incident Energy (MeV)

54-Xe-129

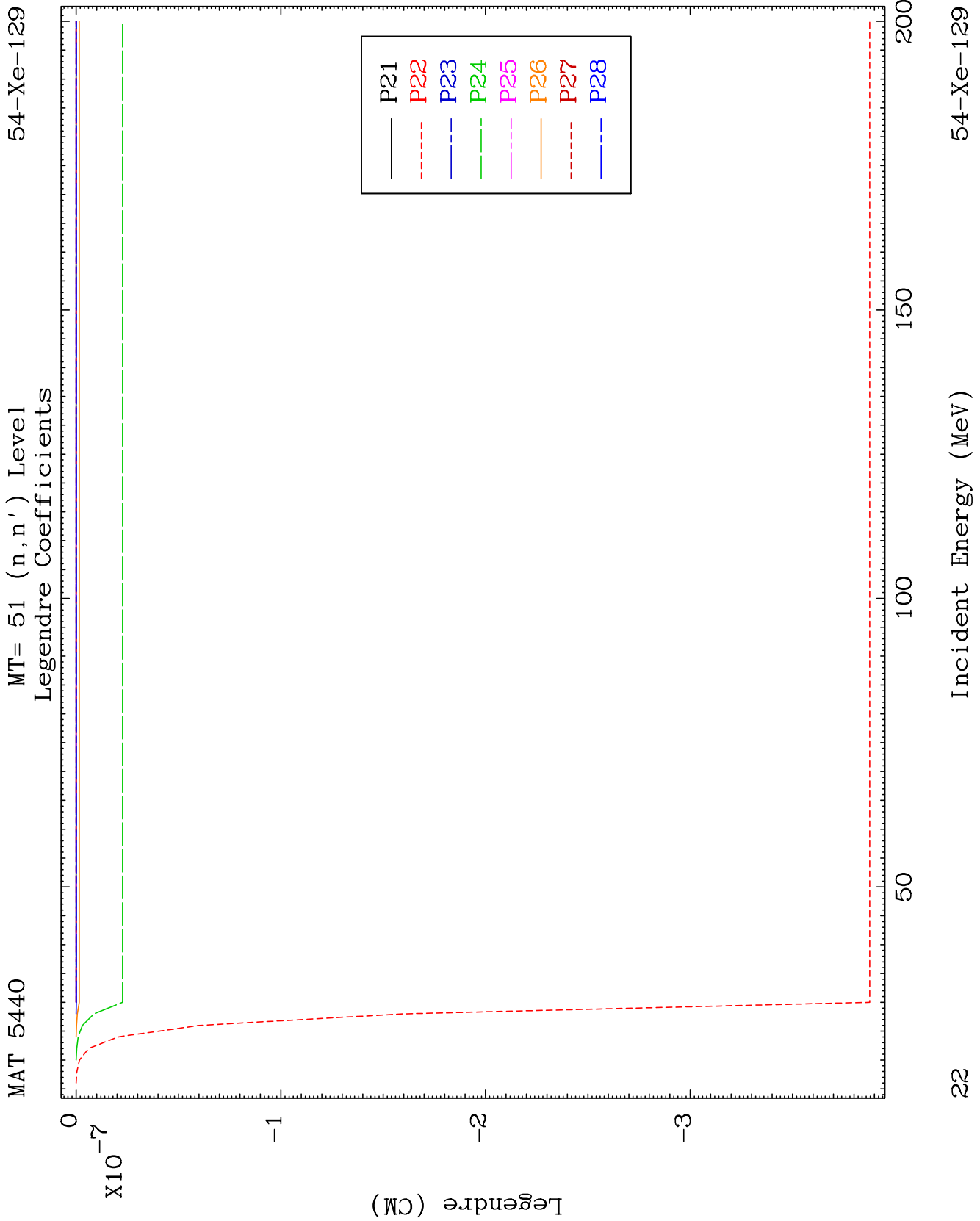
MAT 5440

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

54-Xe-129



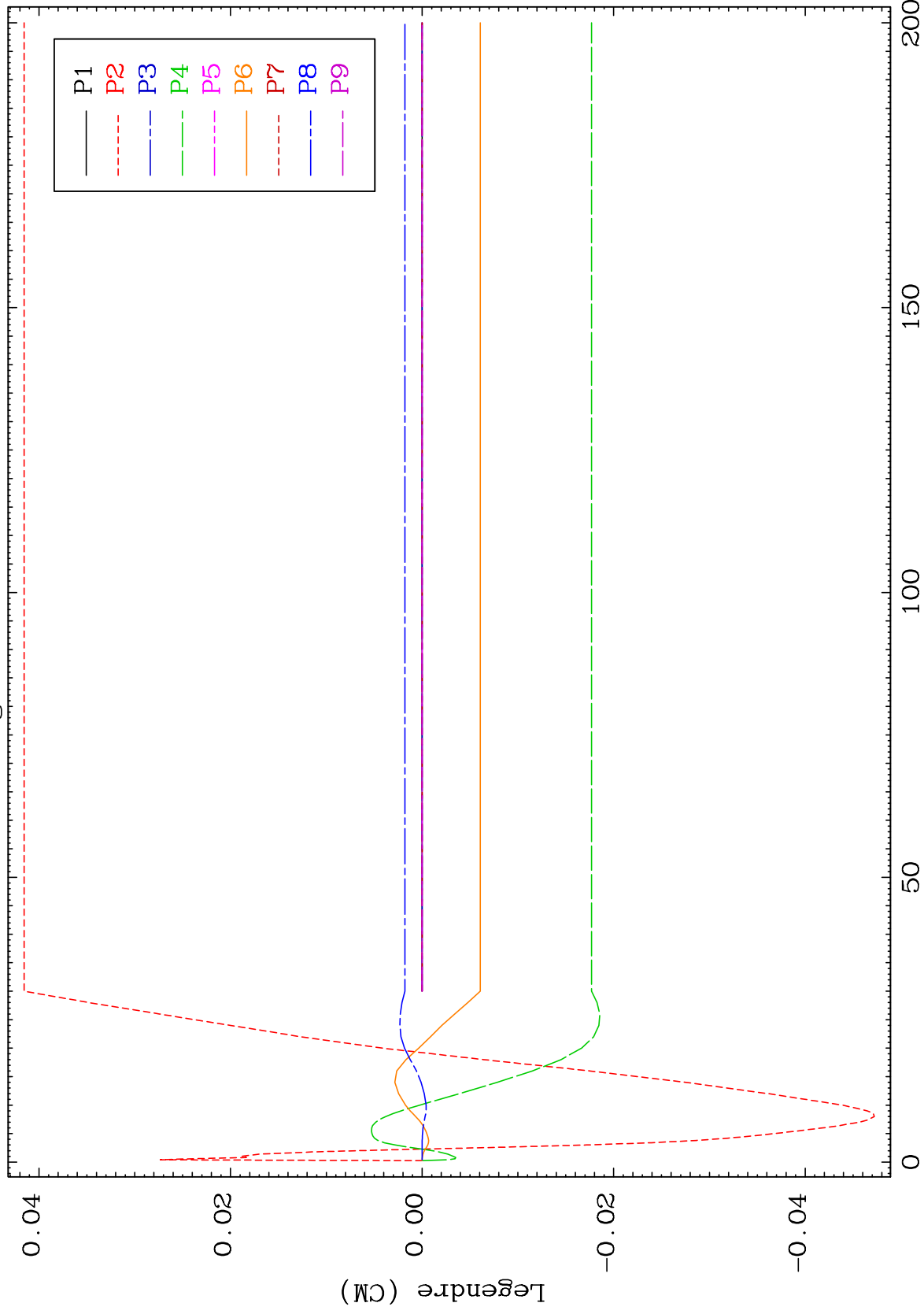
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MAT 5440

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

54-Xe-129



23

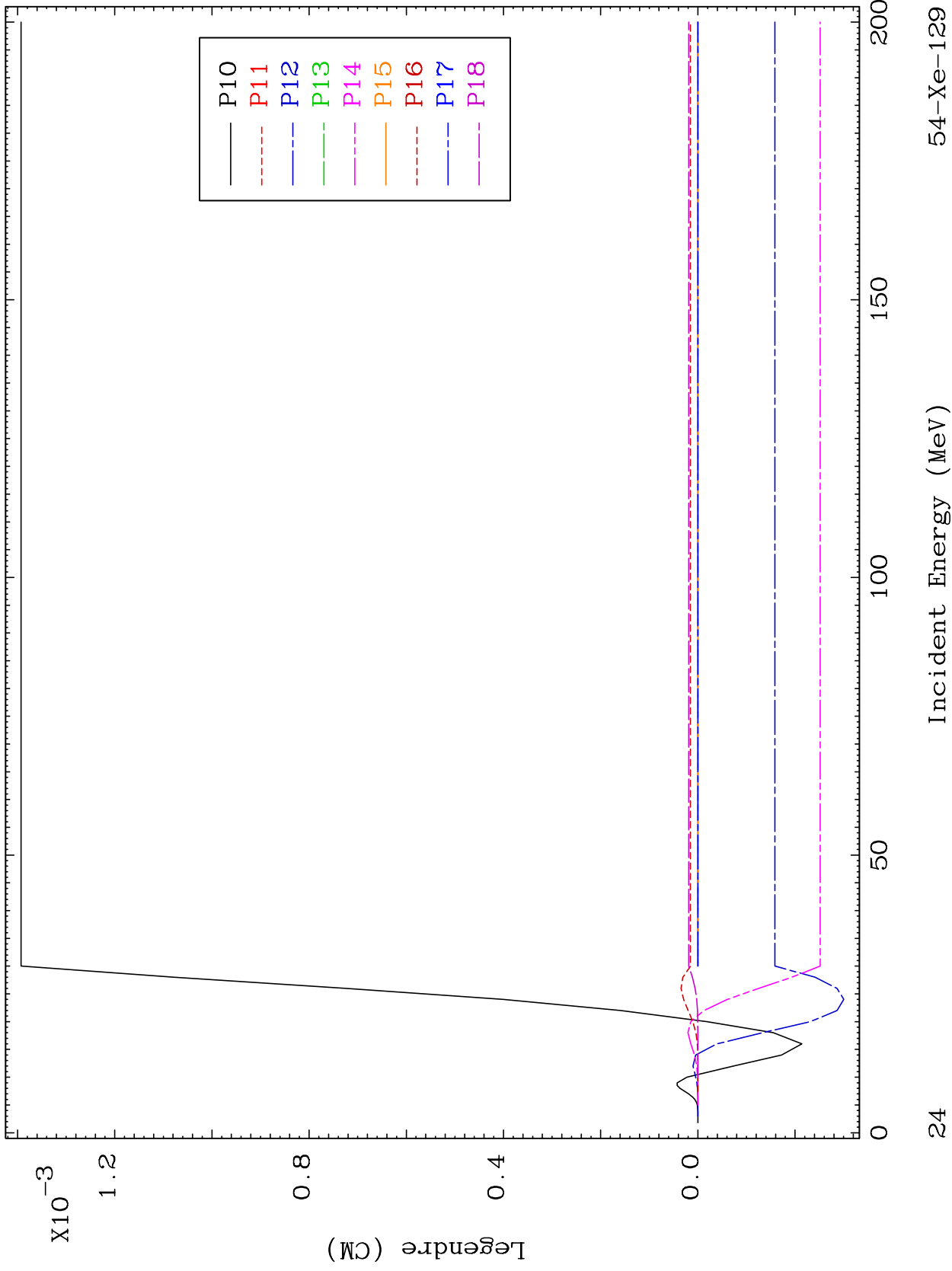
Incident Energy (MeV)

54-Xe-129

MAT 5440

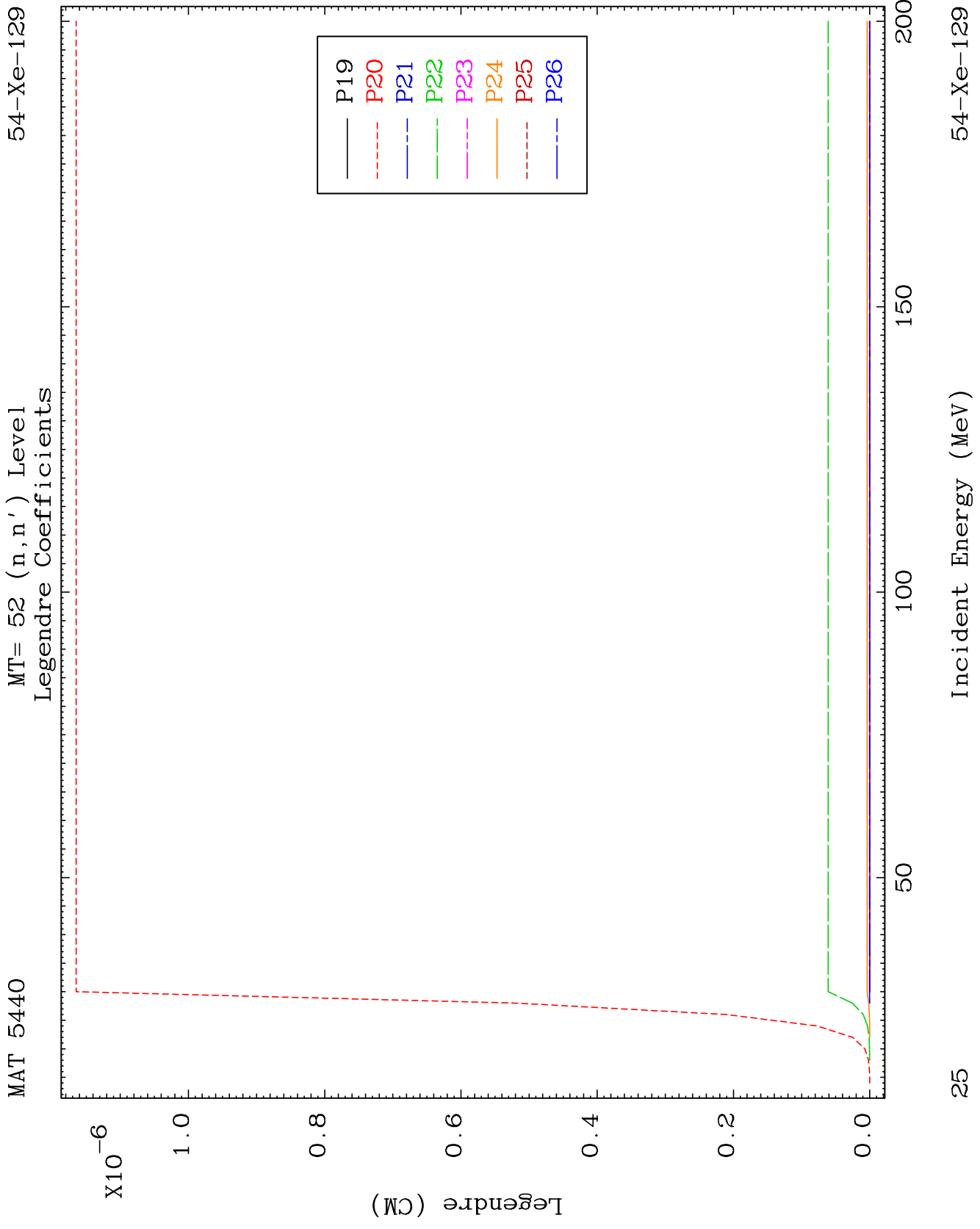
MT= 52 (n,n') Level
Legendre Coefficients

54-Xe-129



24

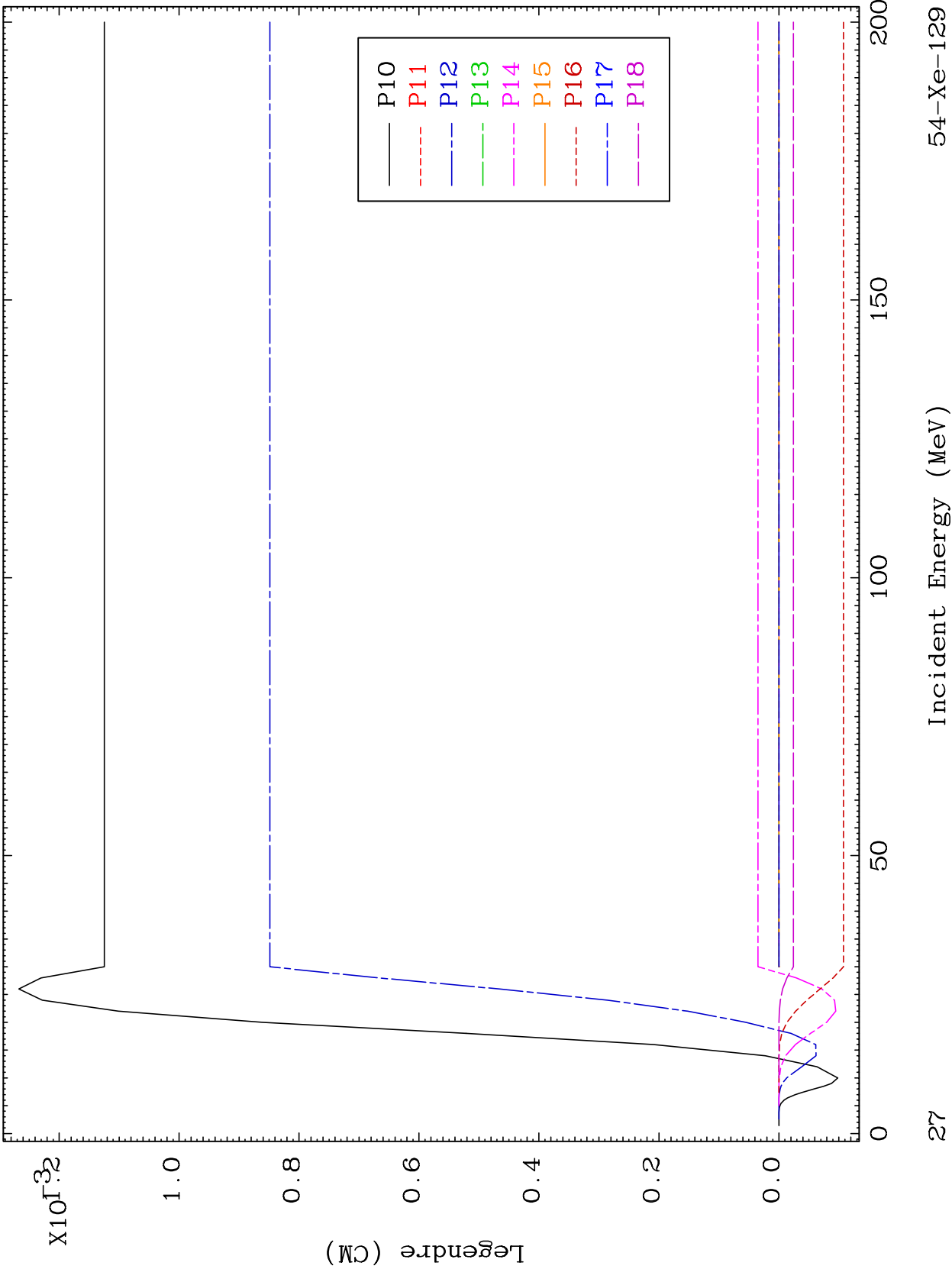
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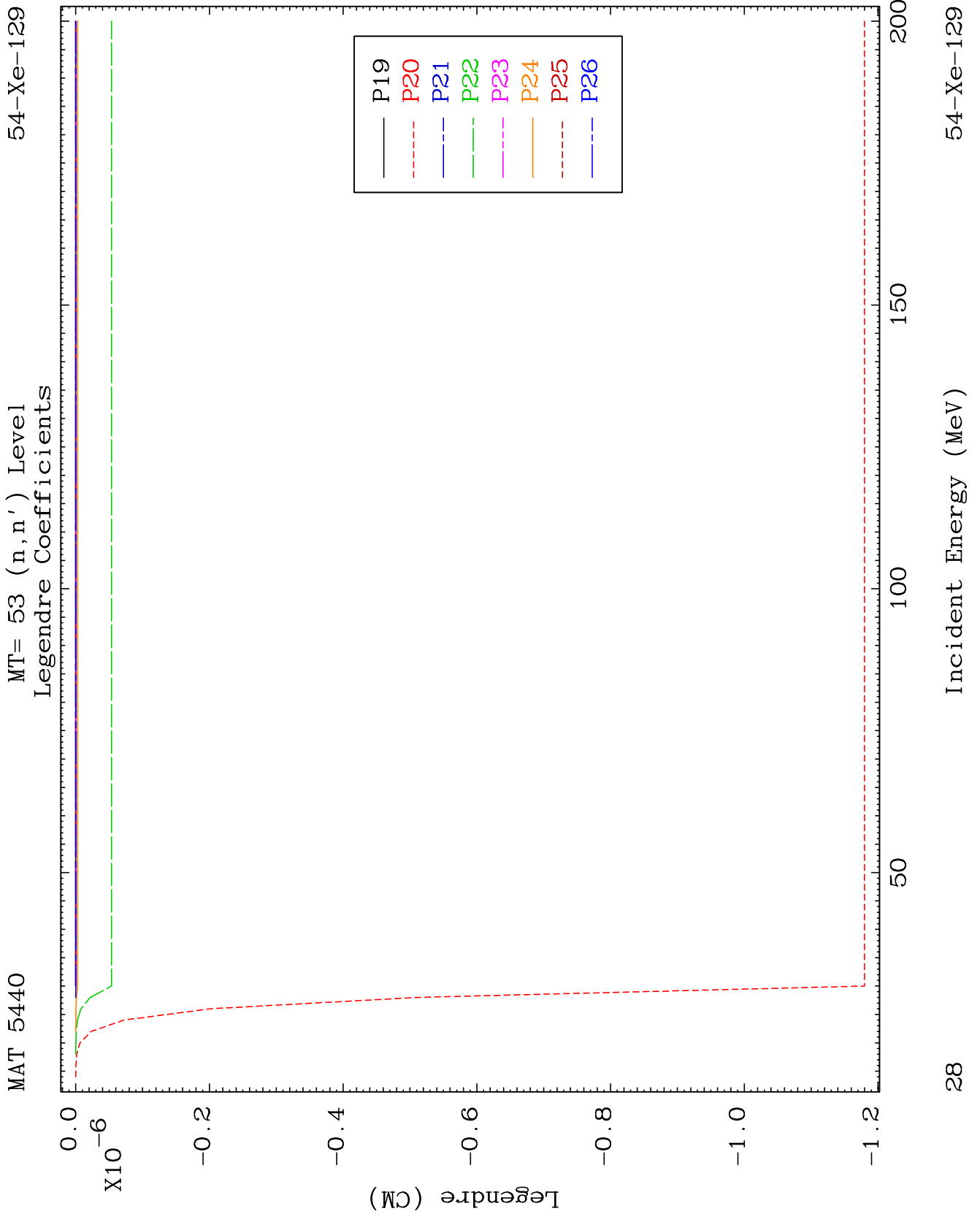


MAT 5440

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

54-Xe-129

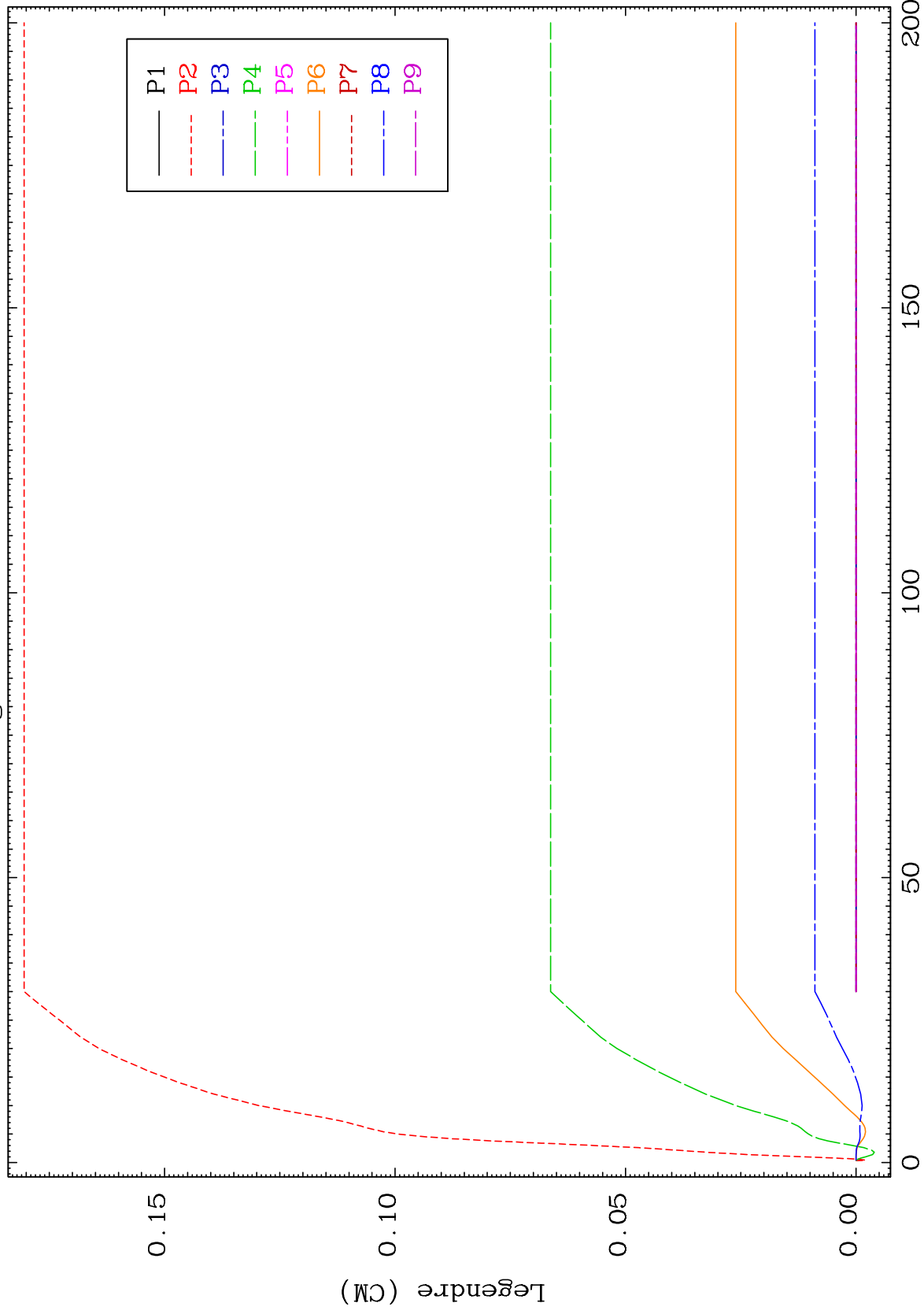




MAT 5440

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

54-Xe-129



54-Xe-129

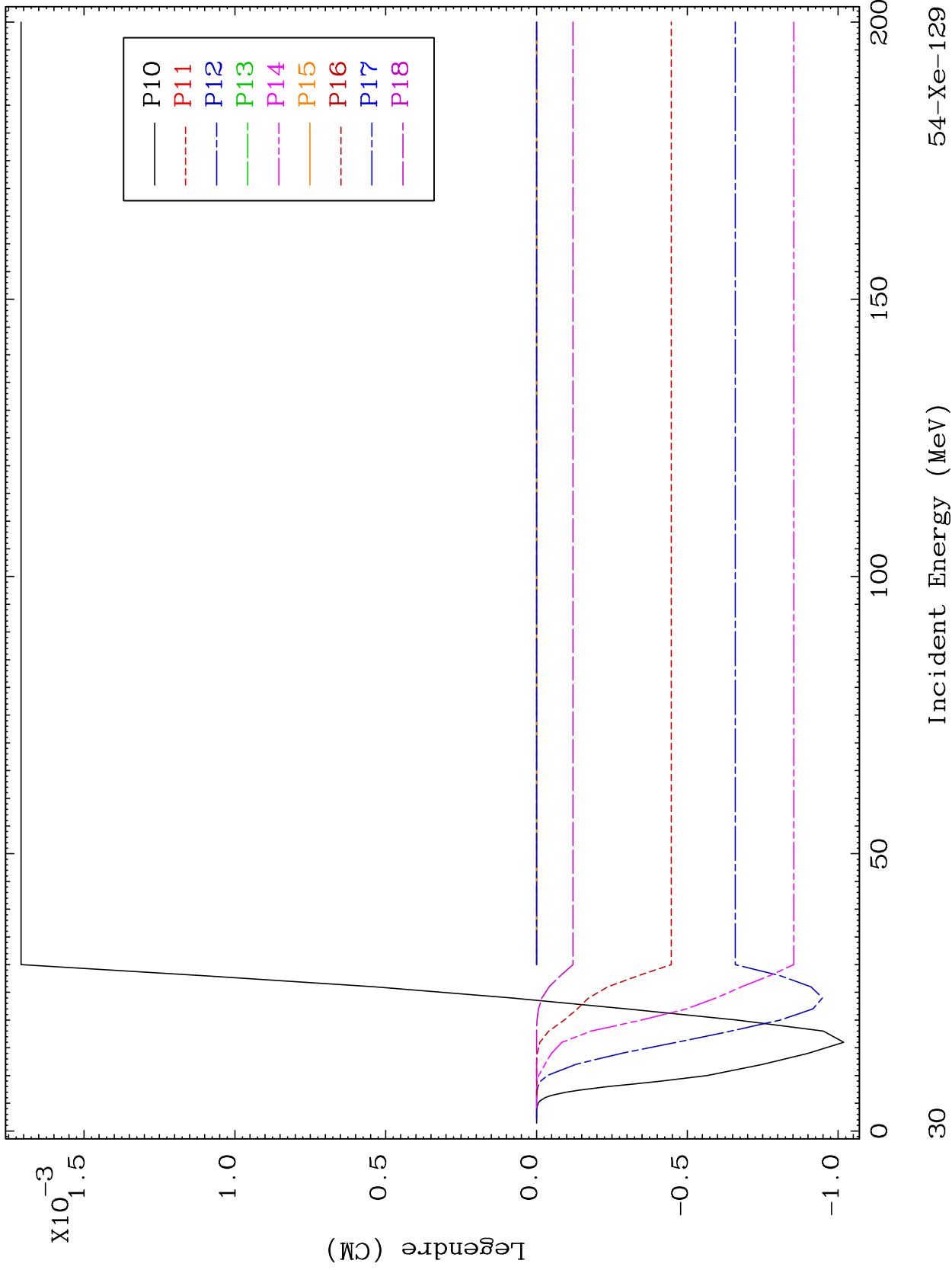
Incident Energy (MeV)

29

MAT 5440

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

54-Xe-129



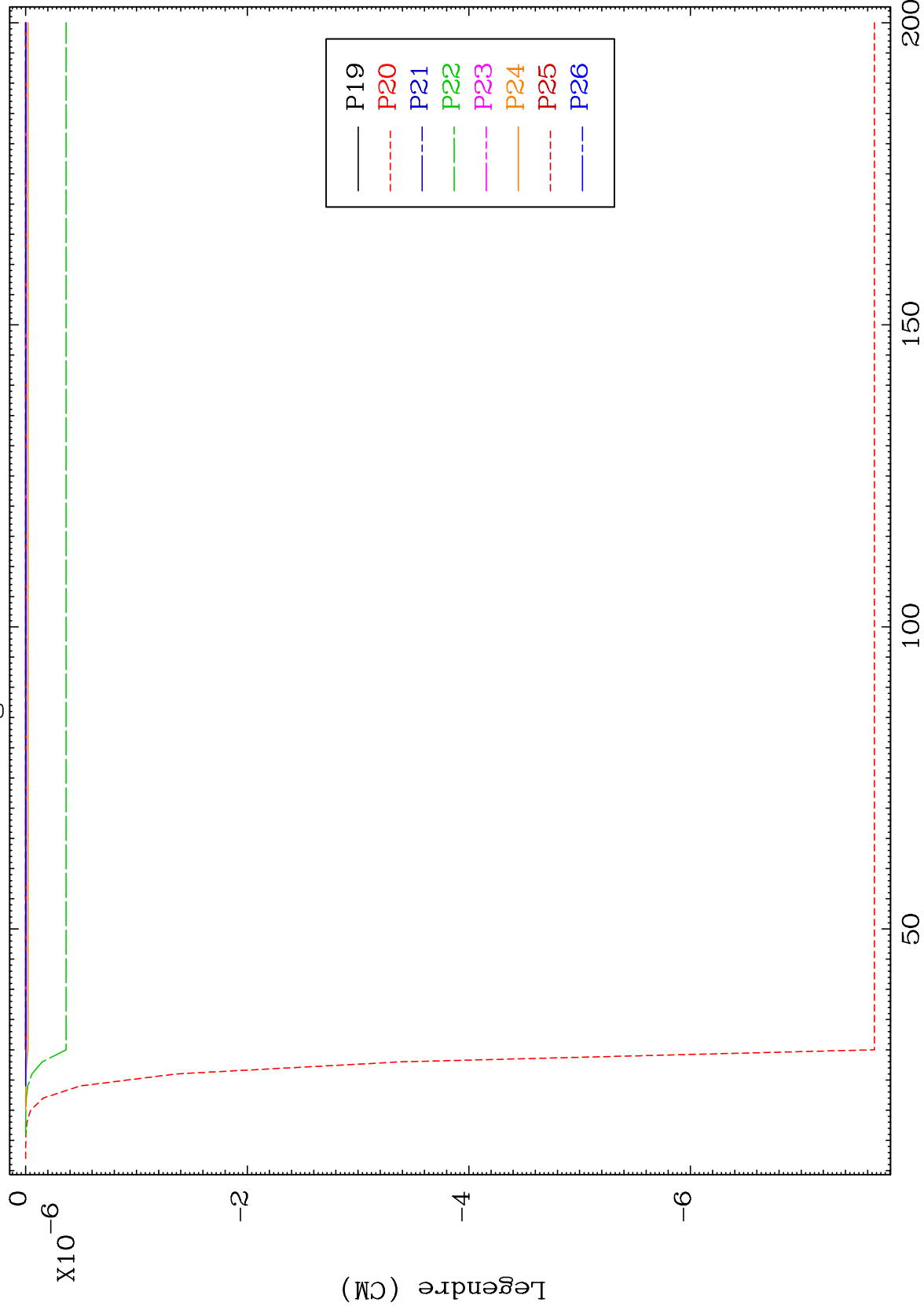
54-Xe-129

Incident Energy (MeV)

MAT 5440

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

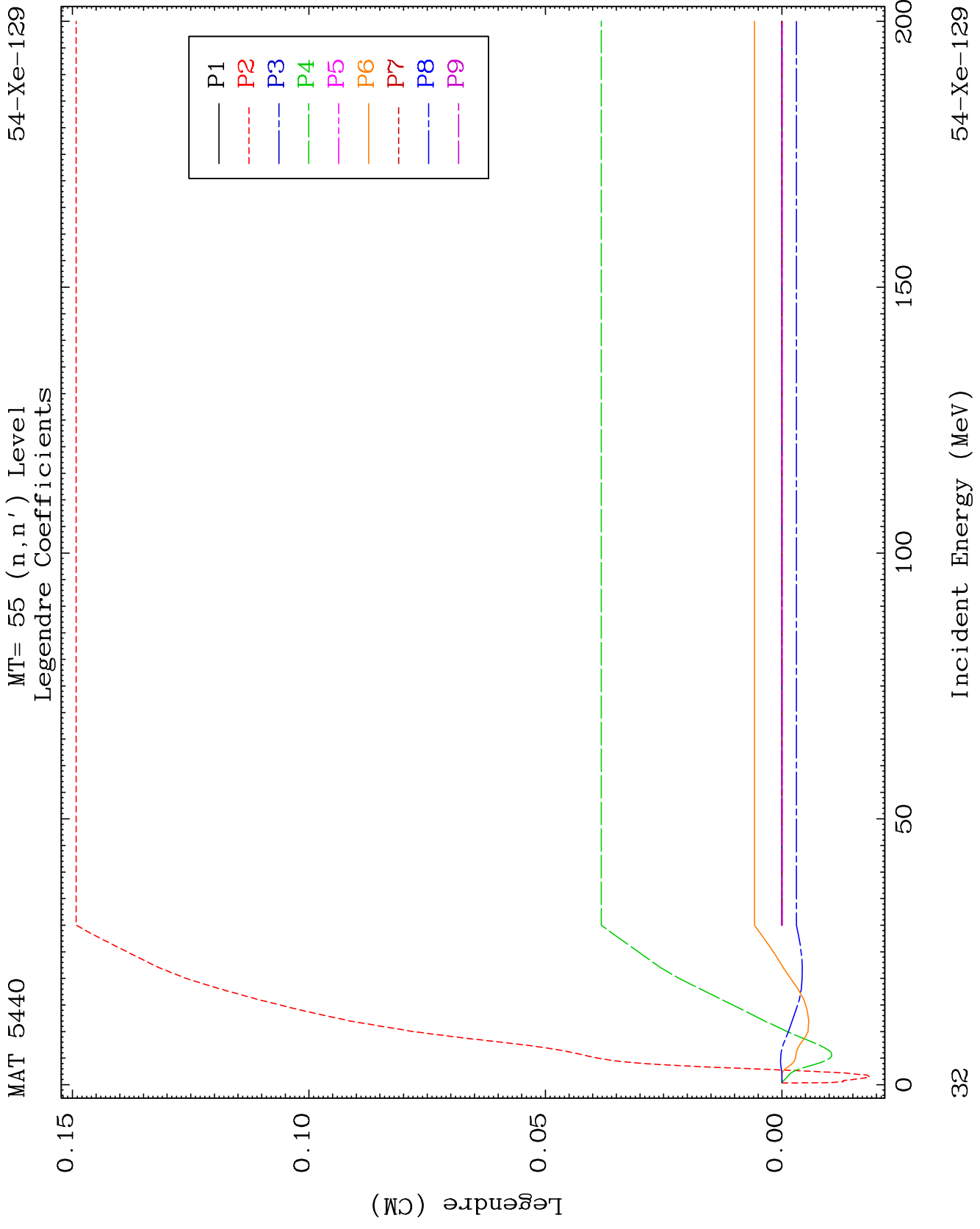
54-Xe-129



54-Xe-129

Incident Energy (MeV)

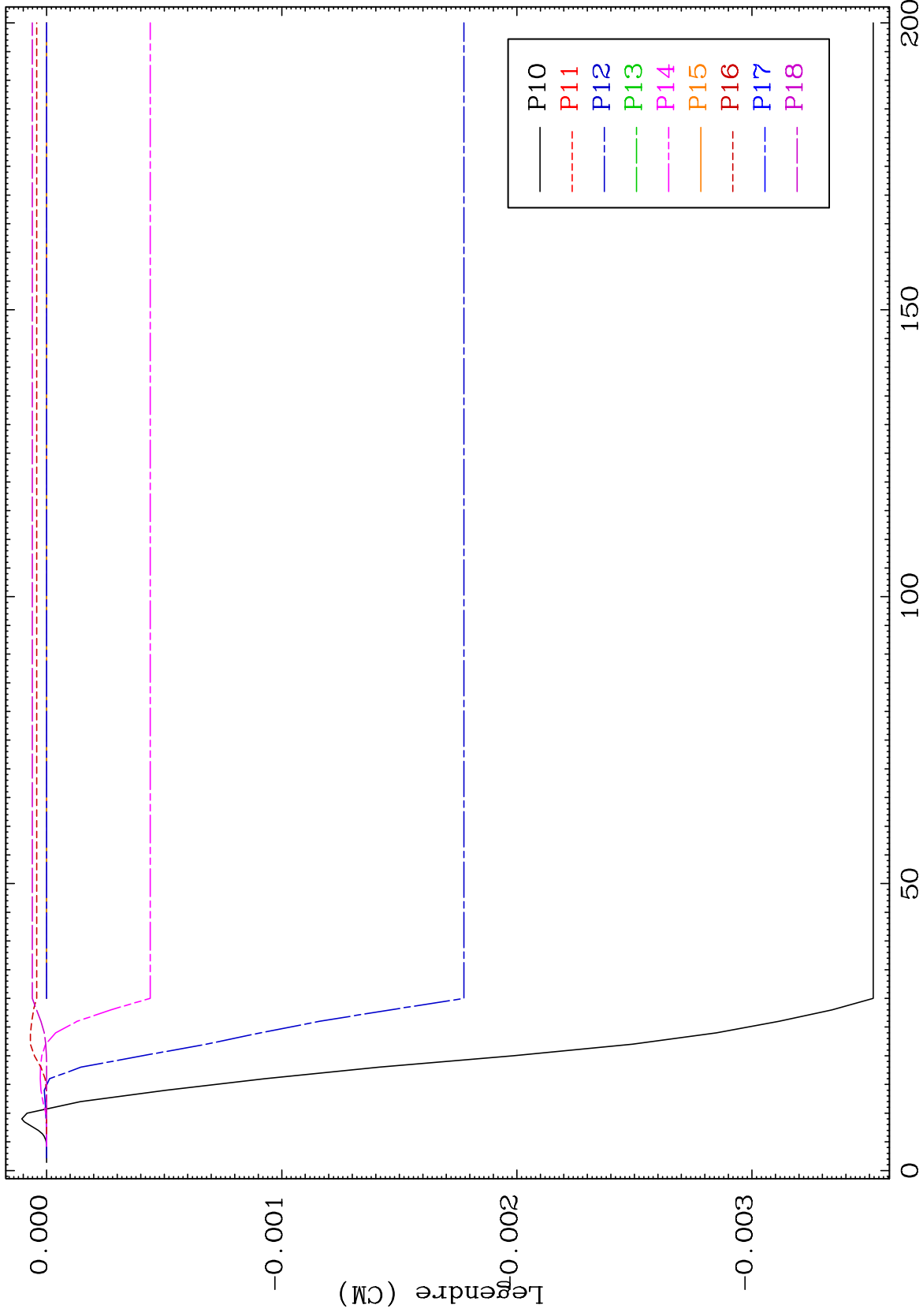
31



MAT 5440

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

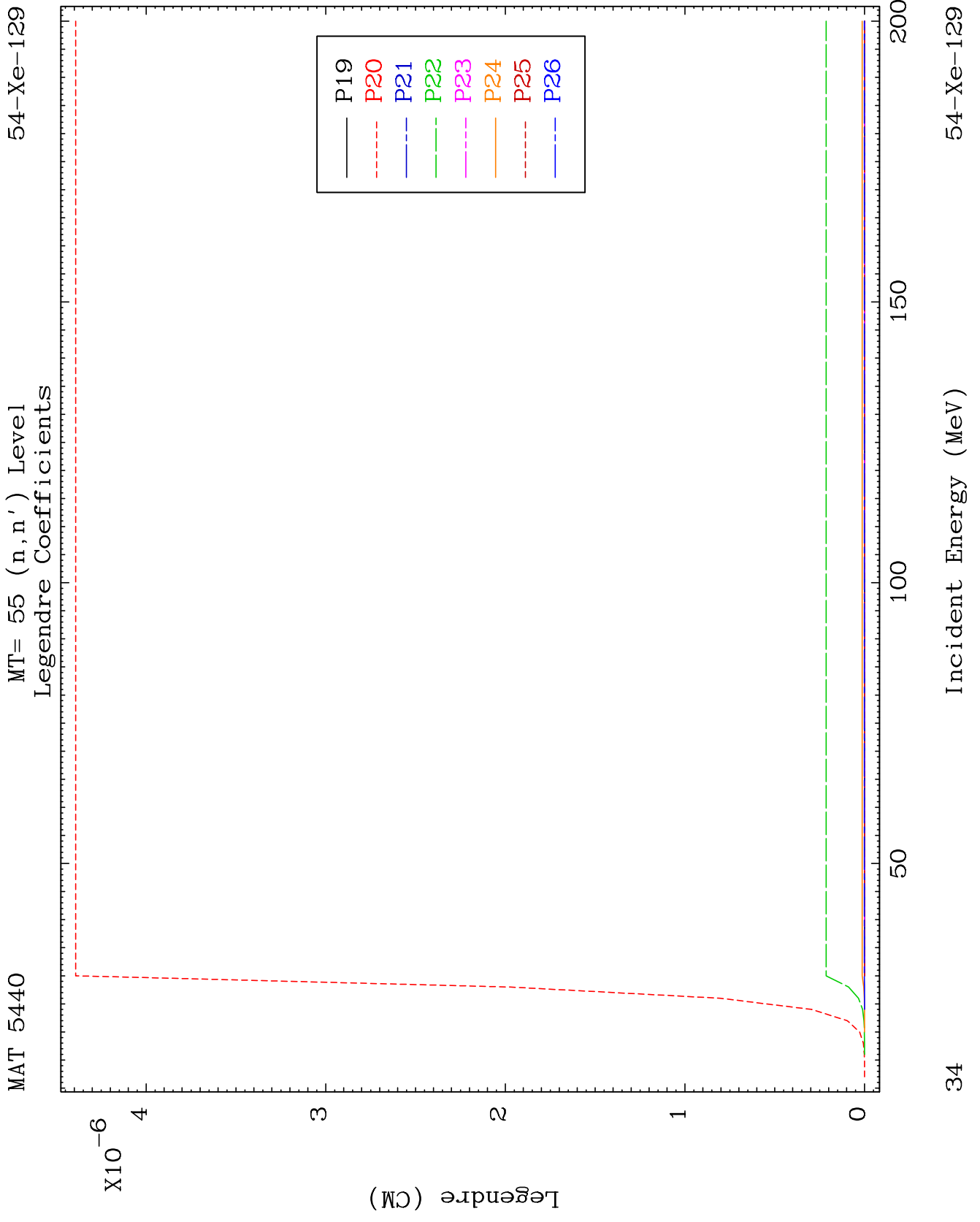
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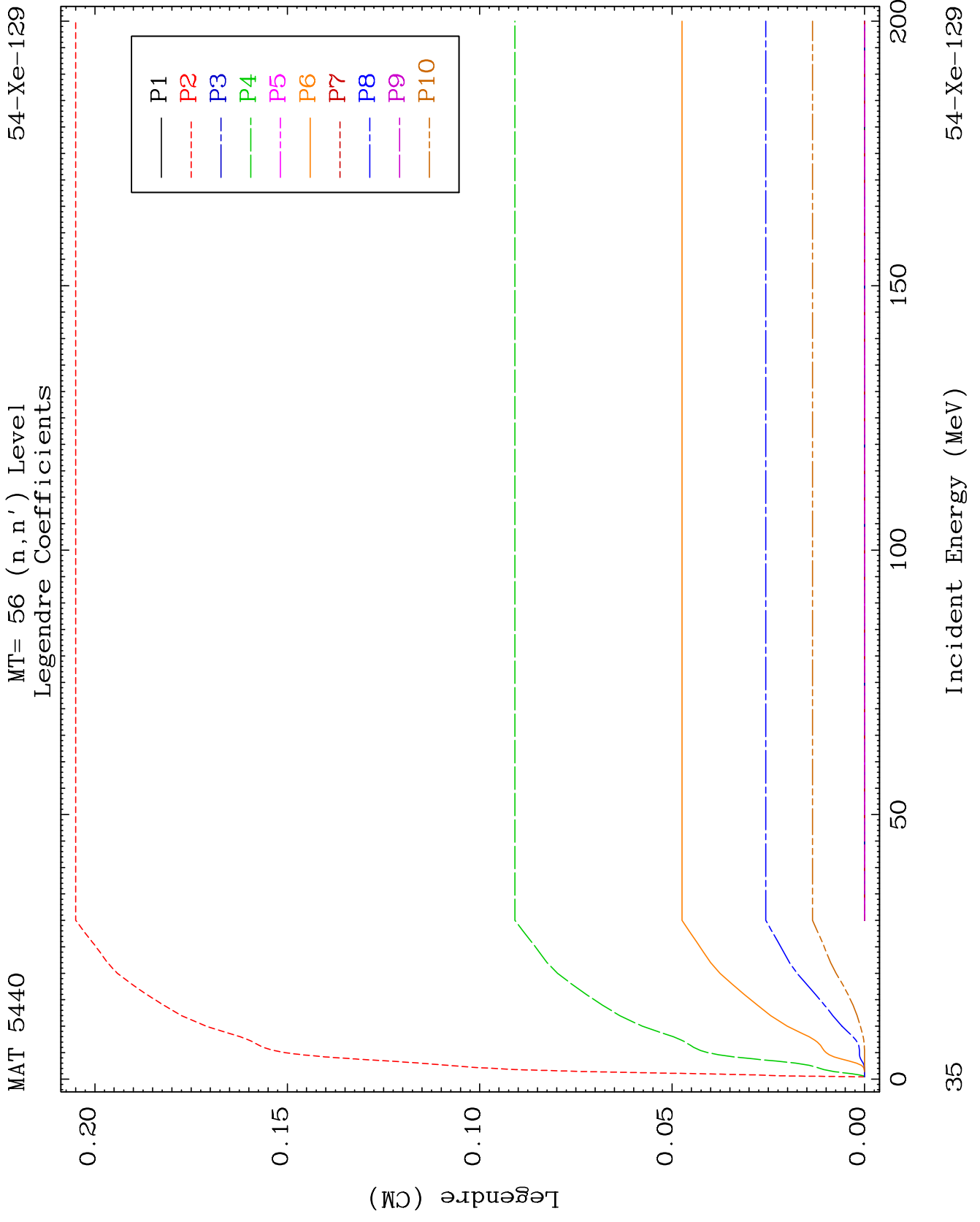


33

Incident Energy (MeV)

54-Xe-129

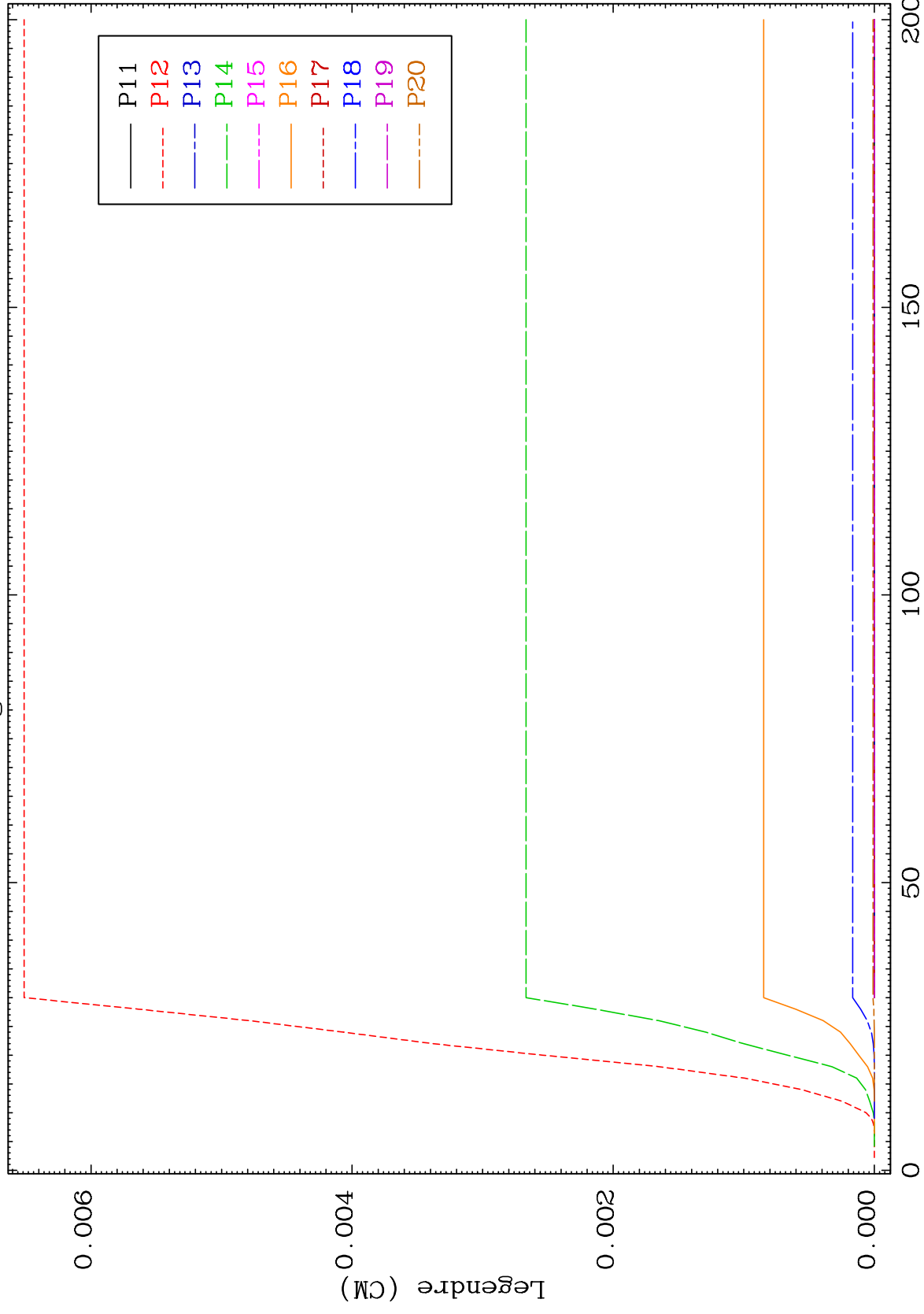




MAT 5440

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

54-Xe-129



36

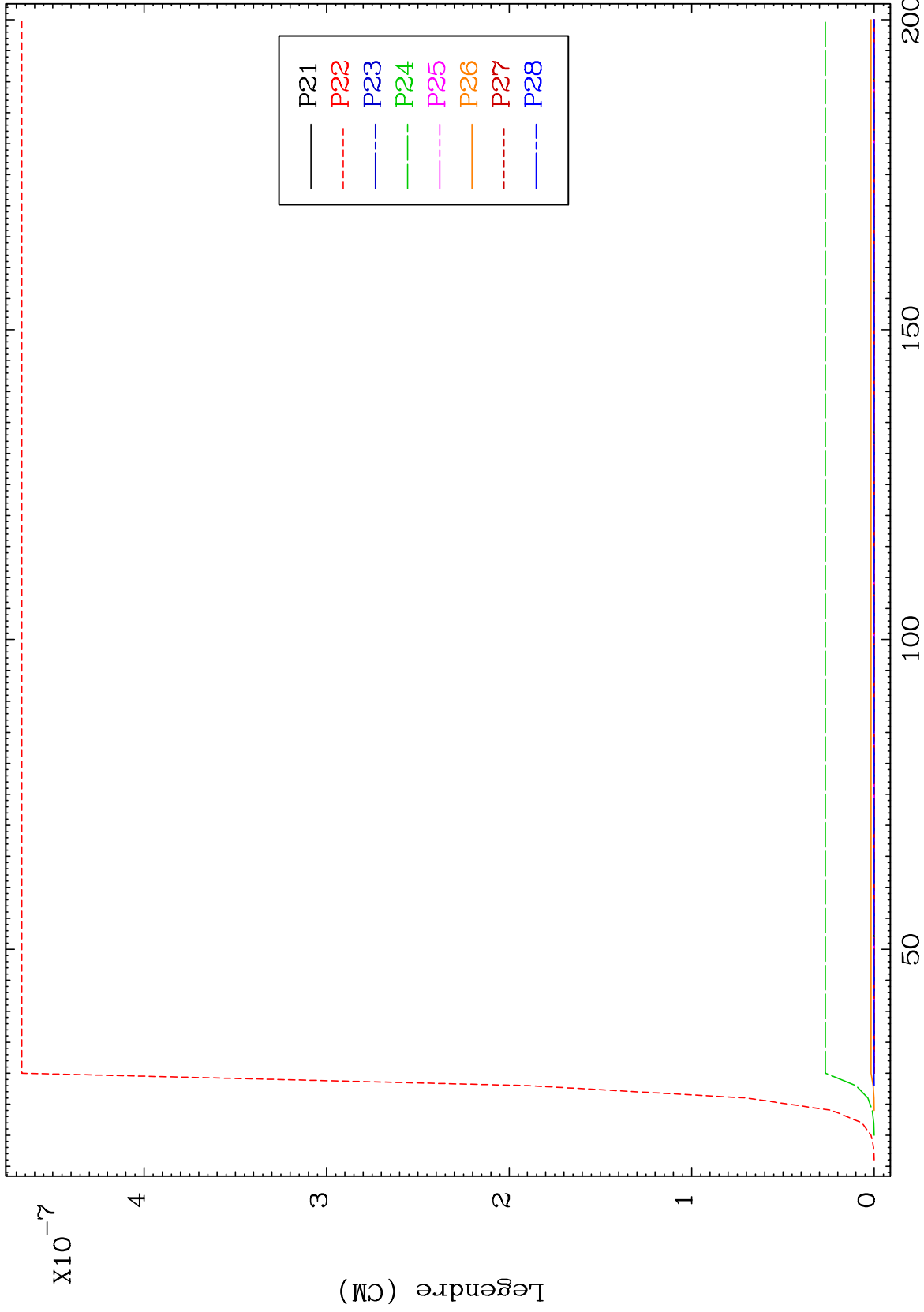
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

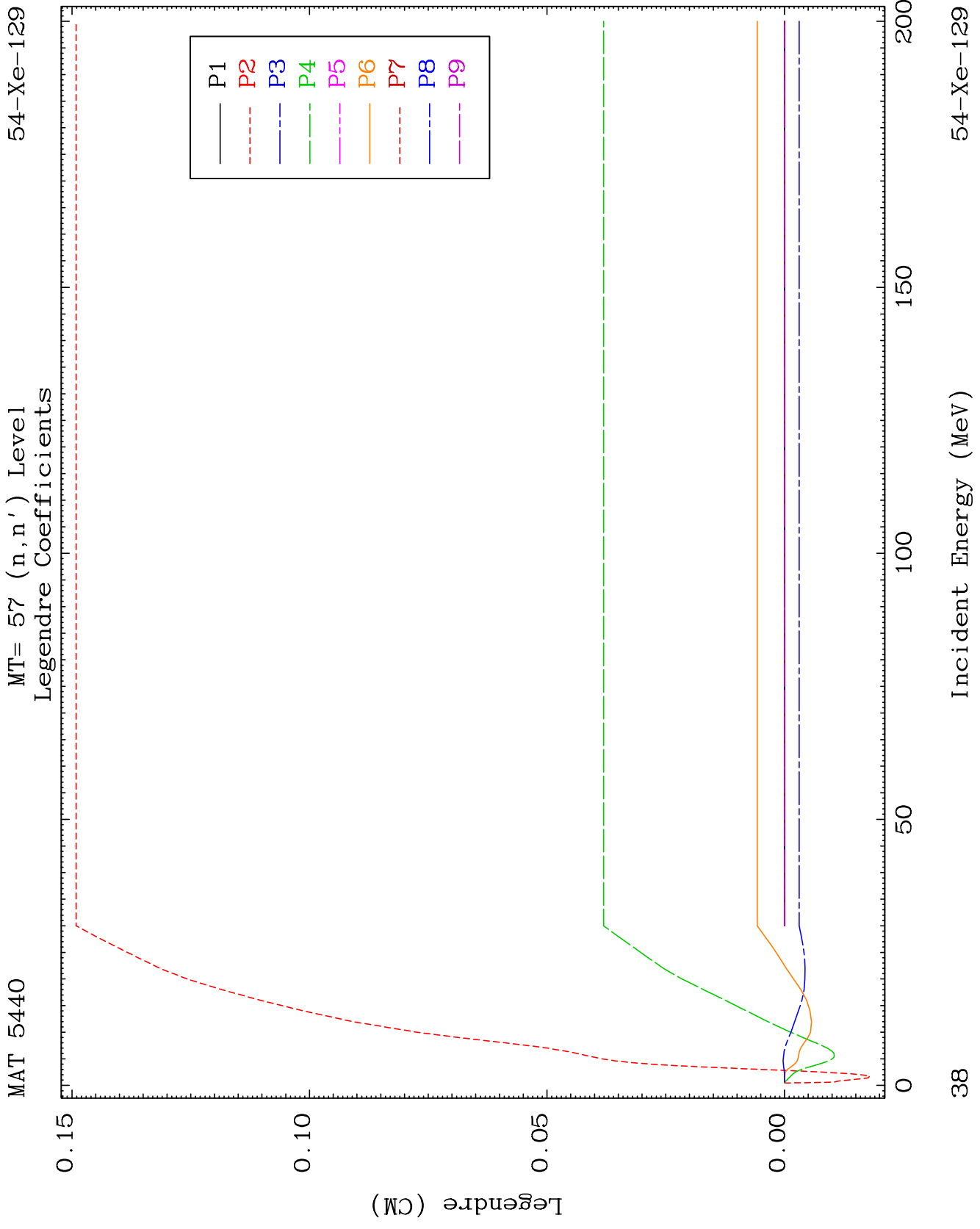
54-Xe-129



37

Incident Energy (MeV)

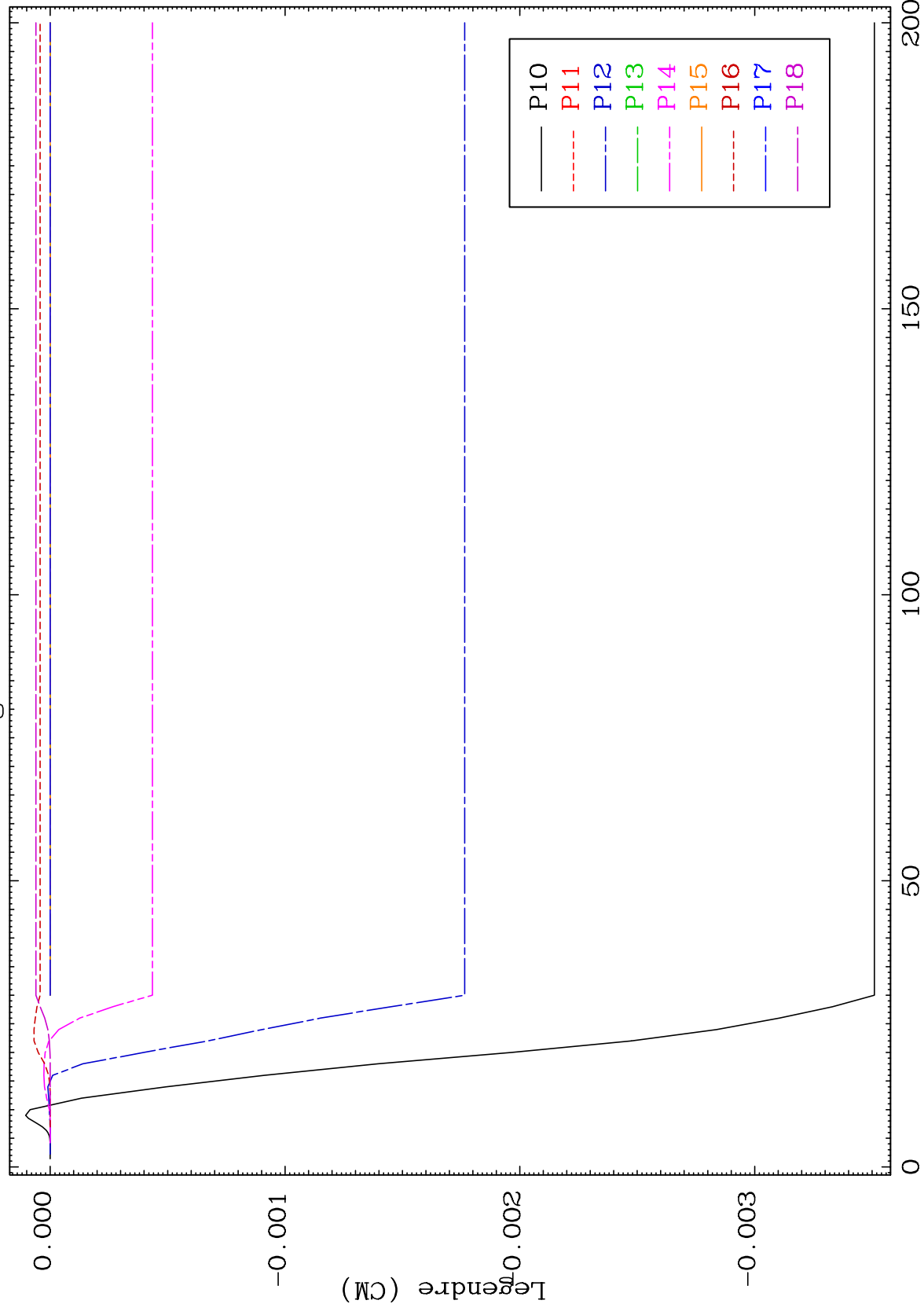
54-Xe-129



MAT 5440

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

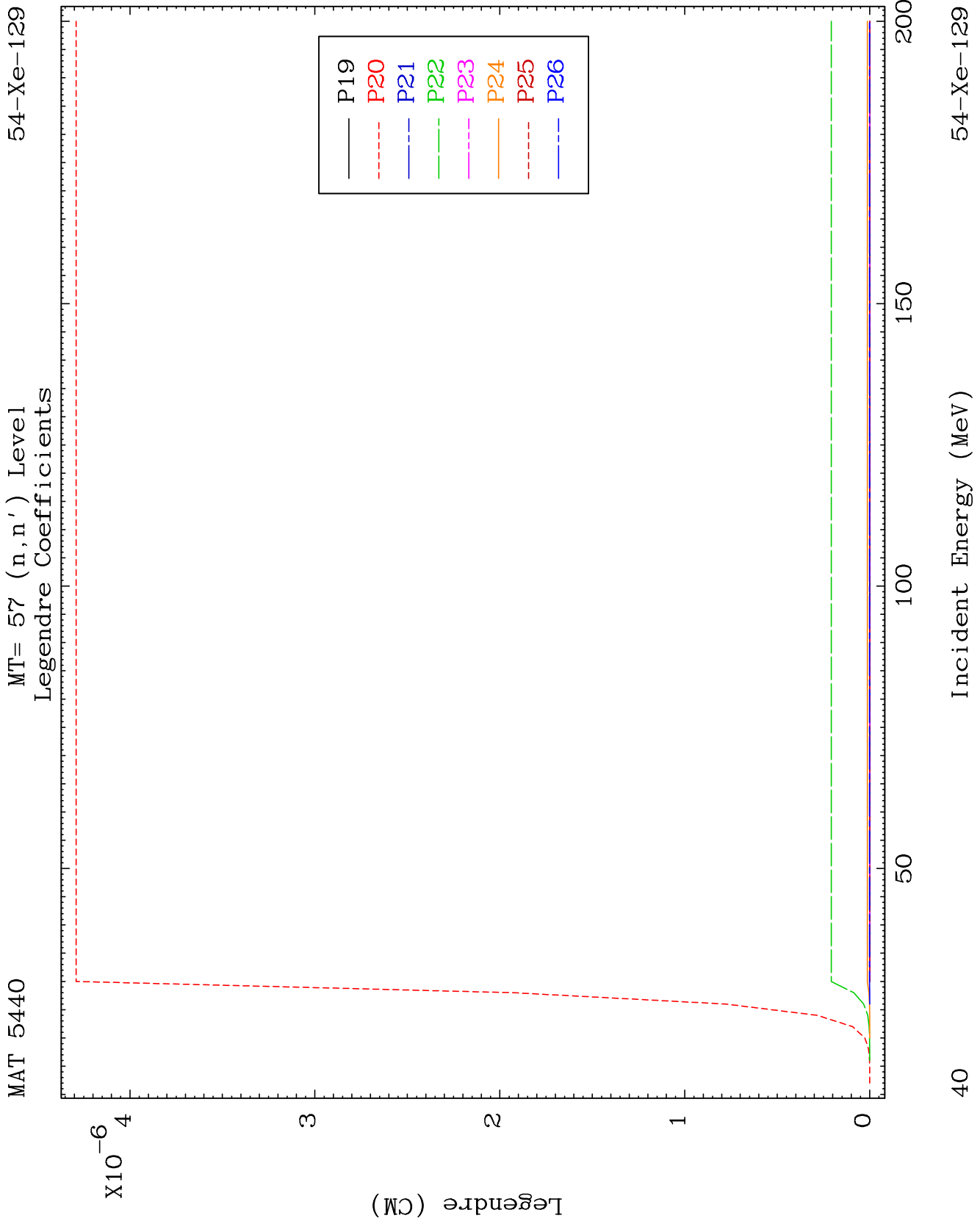
54-Xe-129



39

Incident Energy (MeV)

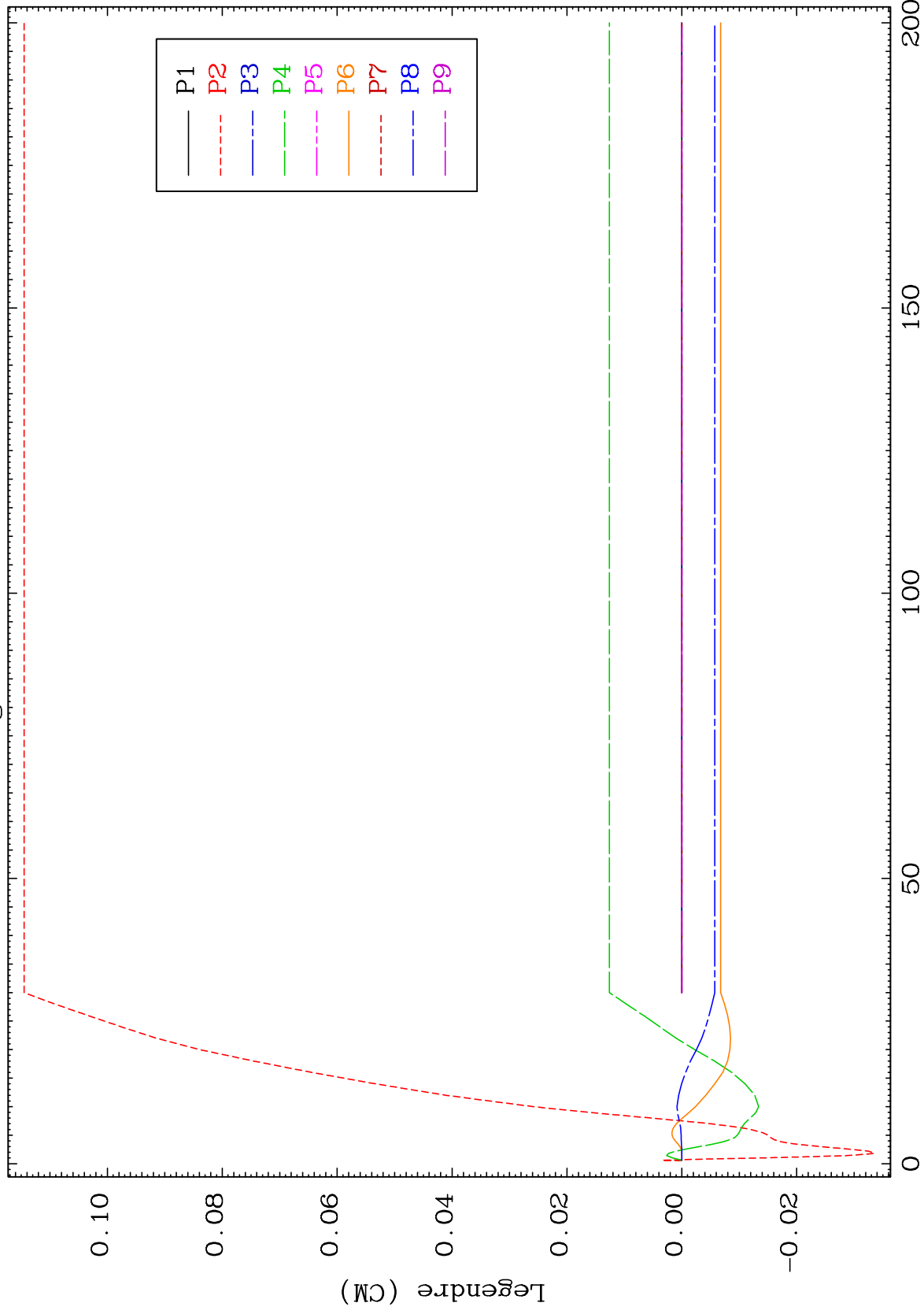
54-Xe-129



MAT 5440

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

54-Xe-129



41

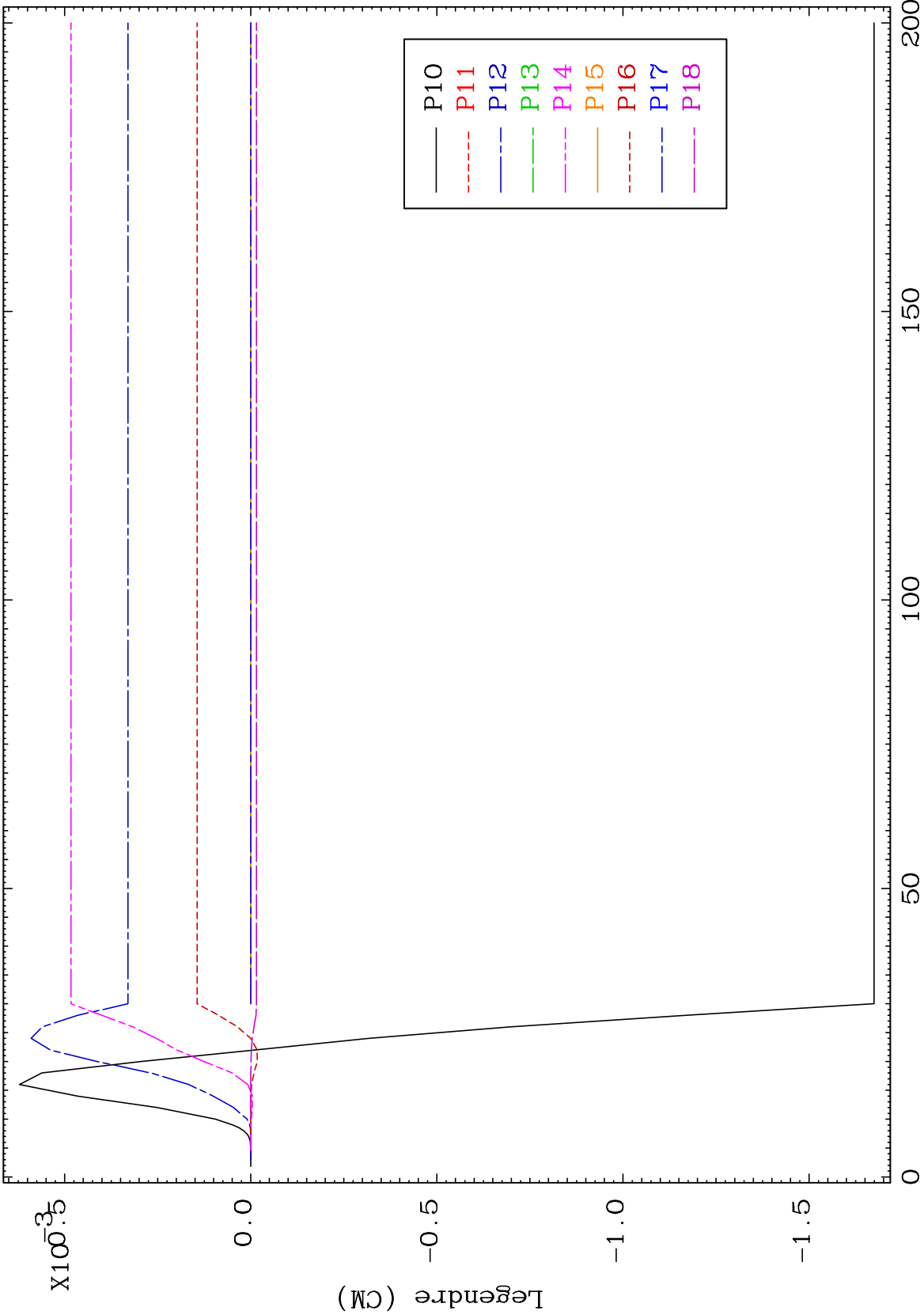
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



42

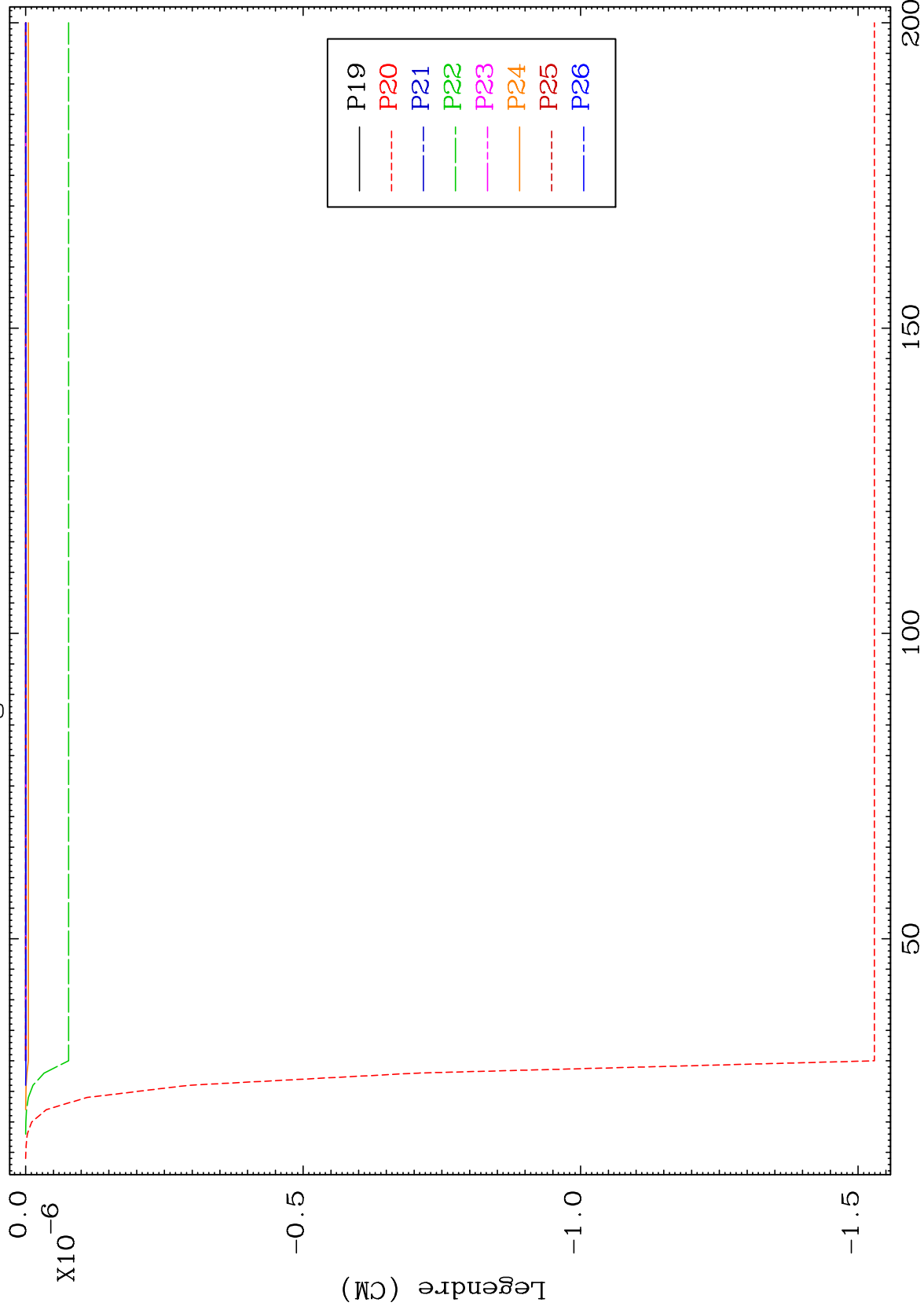
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

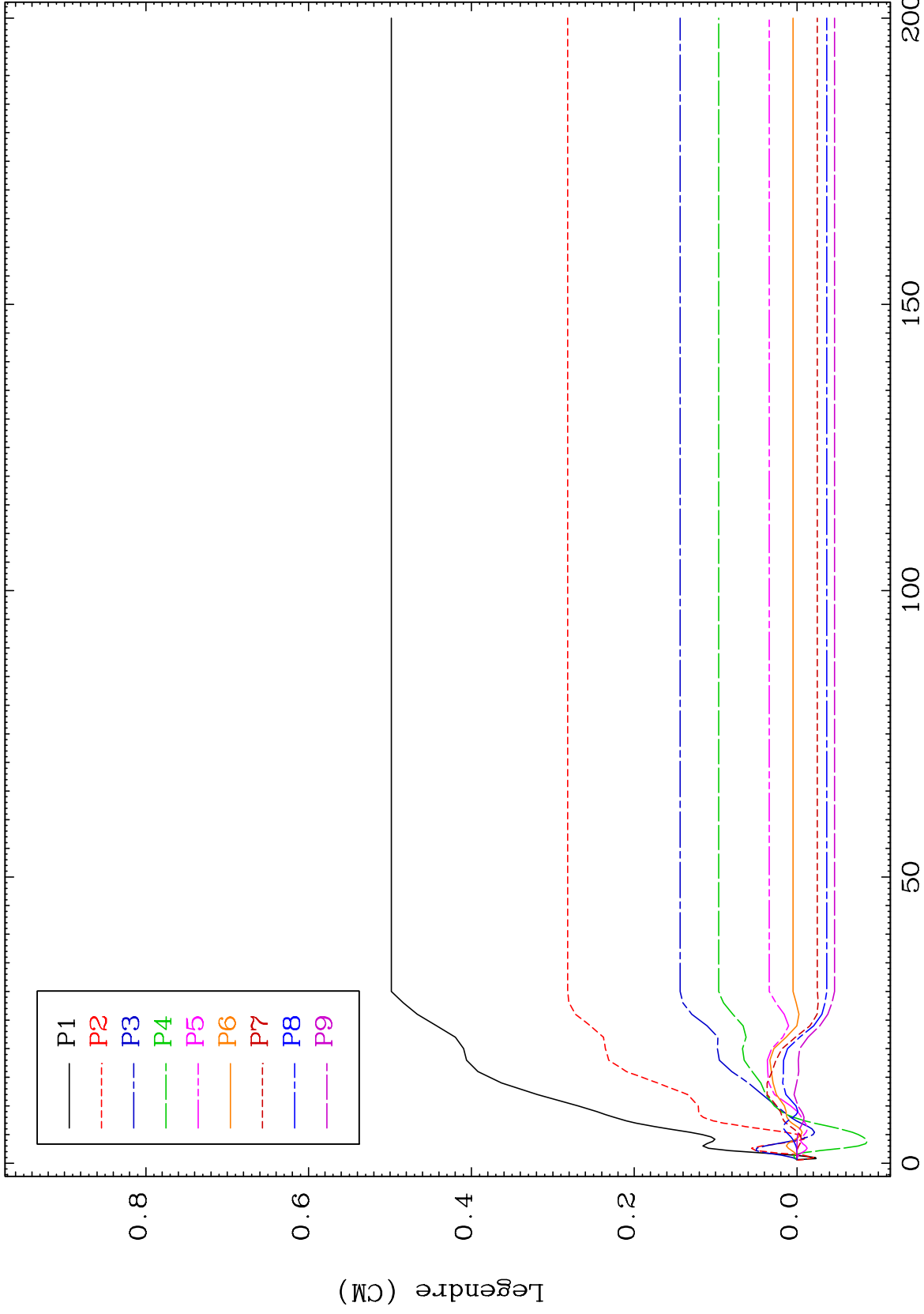
Incident Energy (MeV)

43

MAT 5440

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

54-Xe-129



44

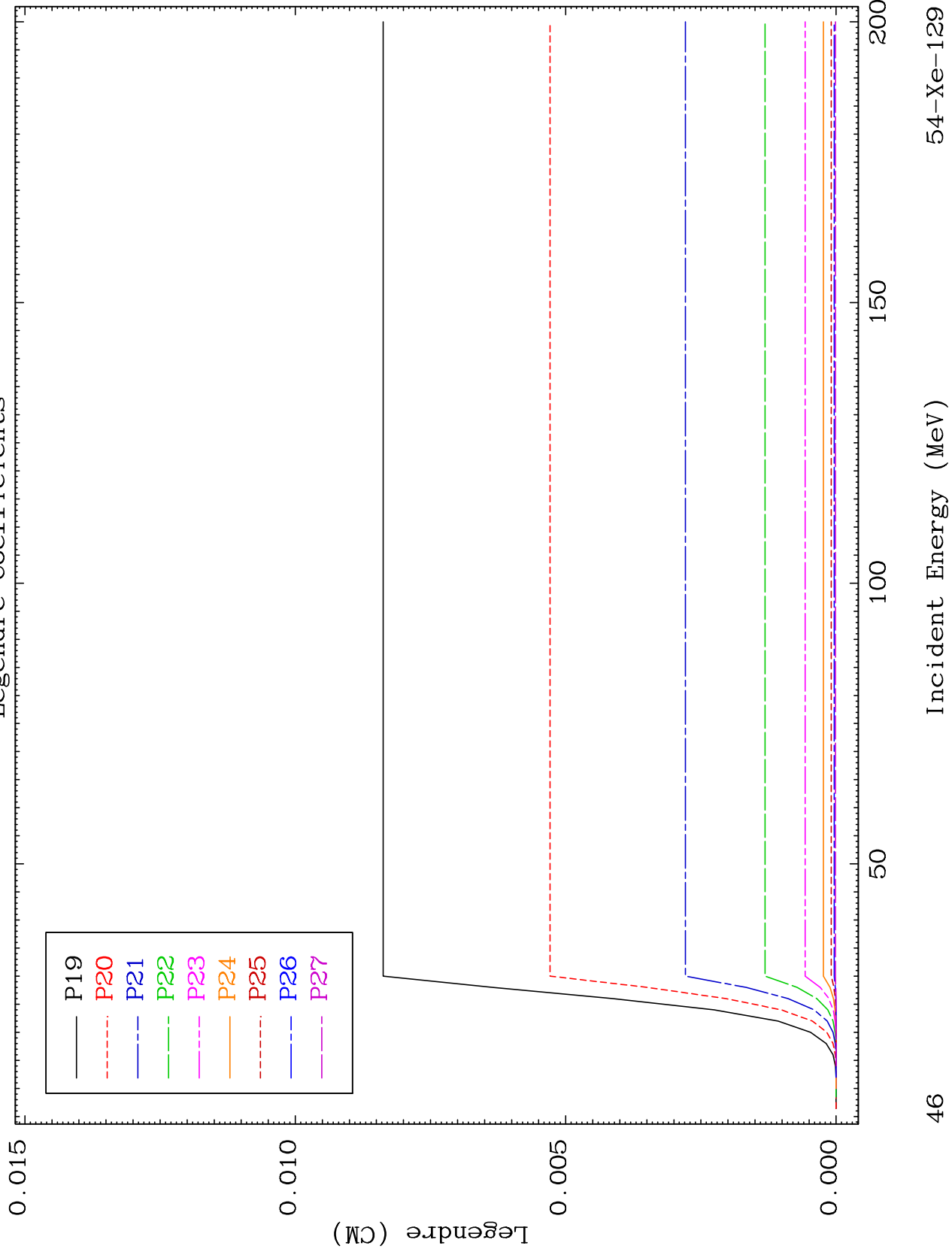
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



46

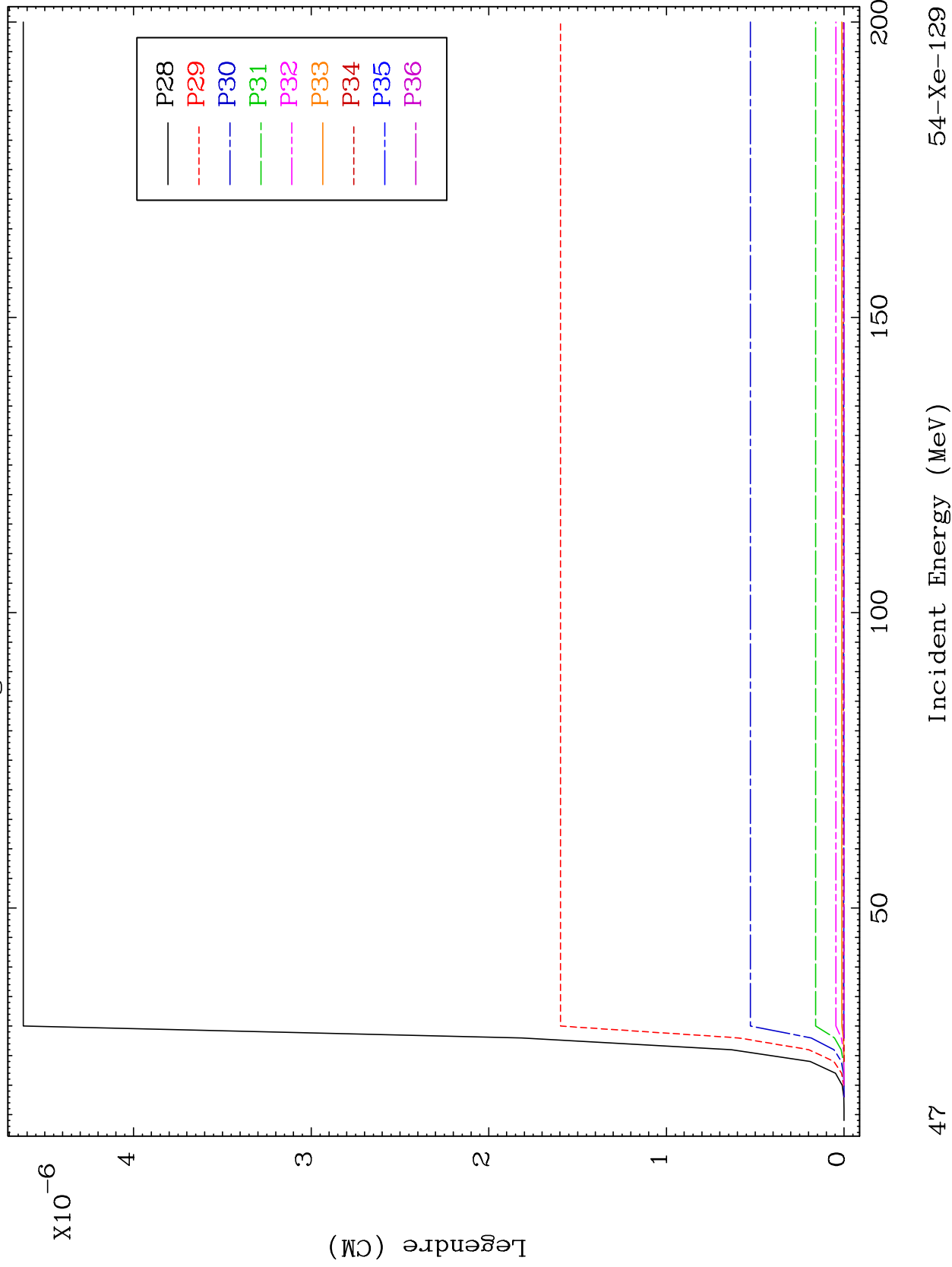
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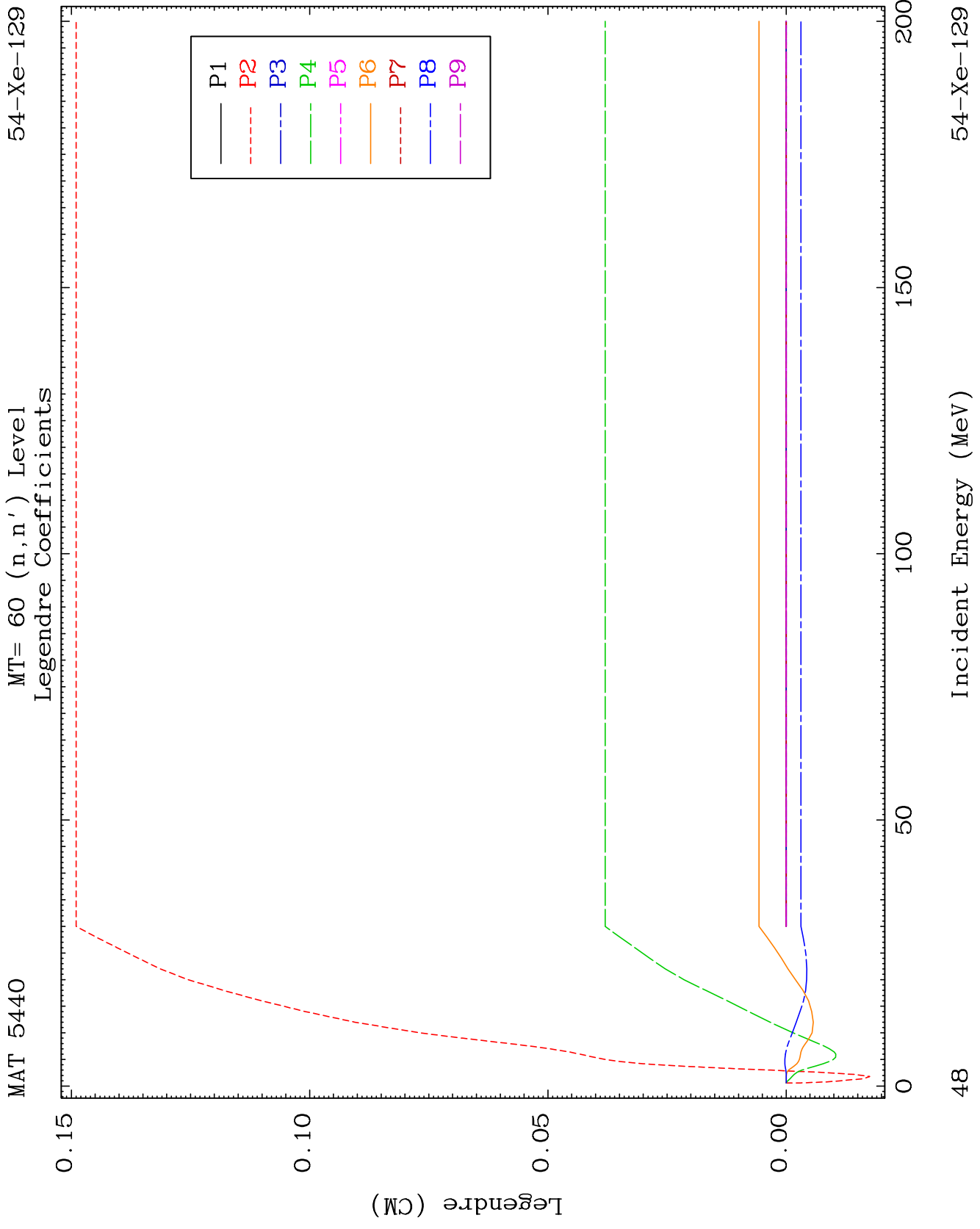
54-Xe-129

MAT 5440

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

54-Xe-129



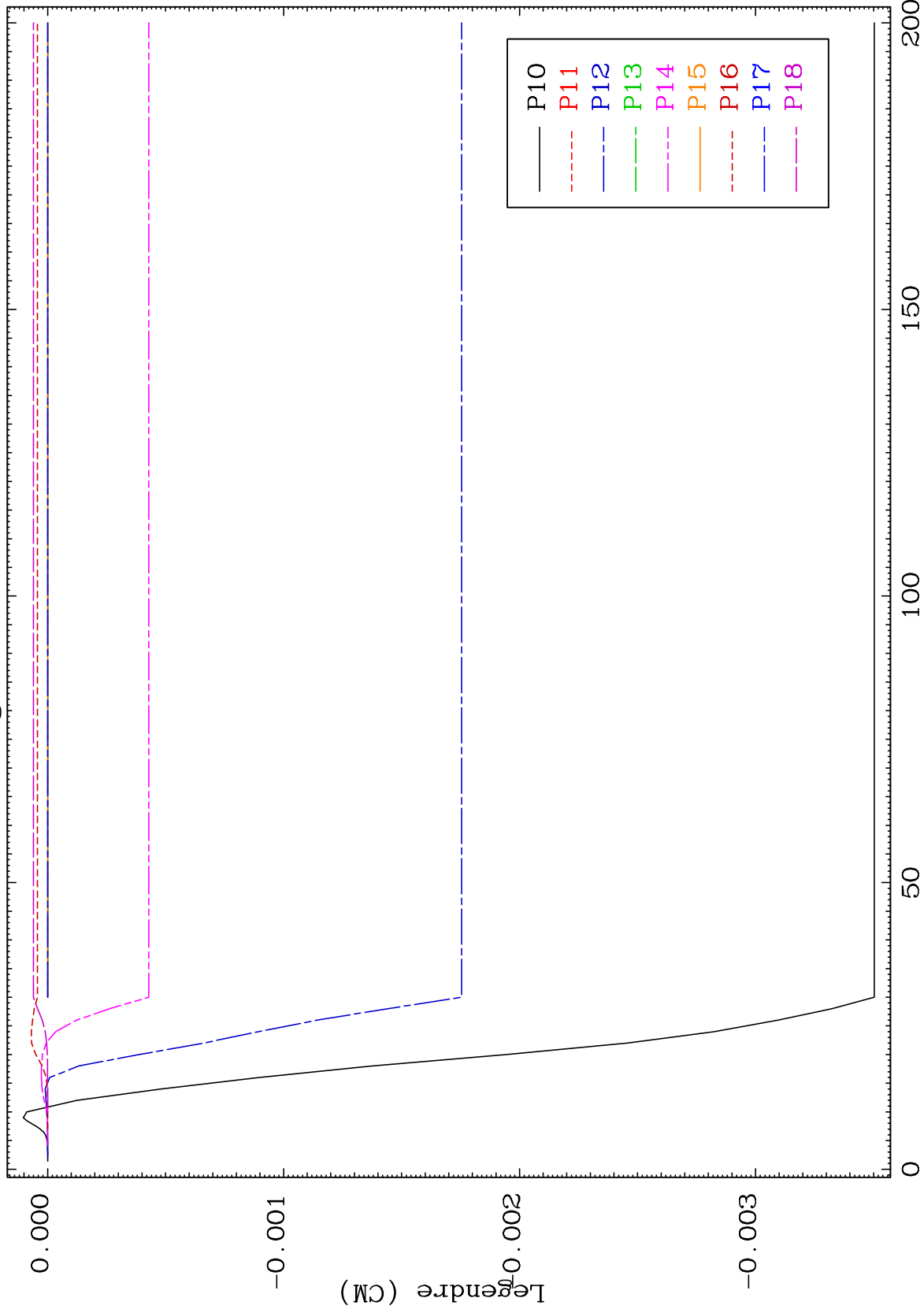


MAT 5440

MT= 60 (n,n') Level

54-Xe-129

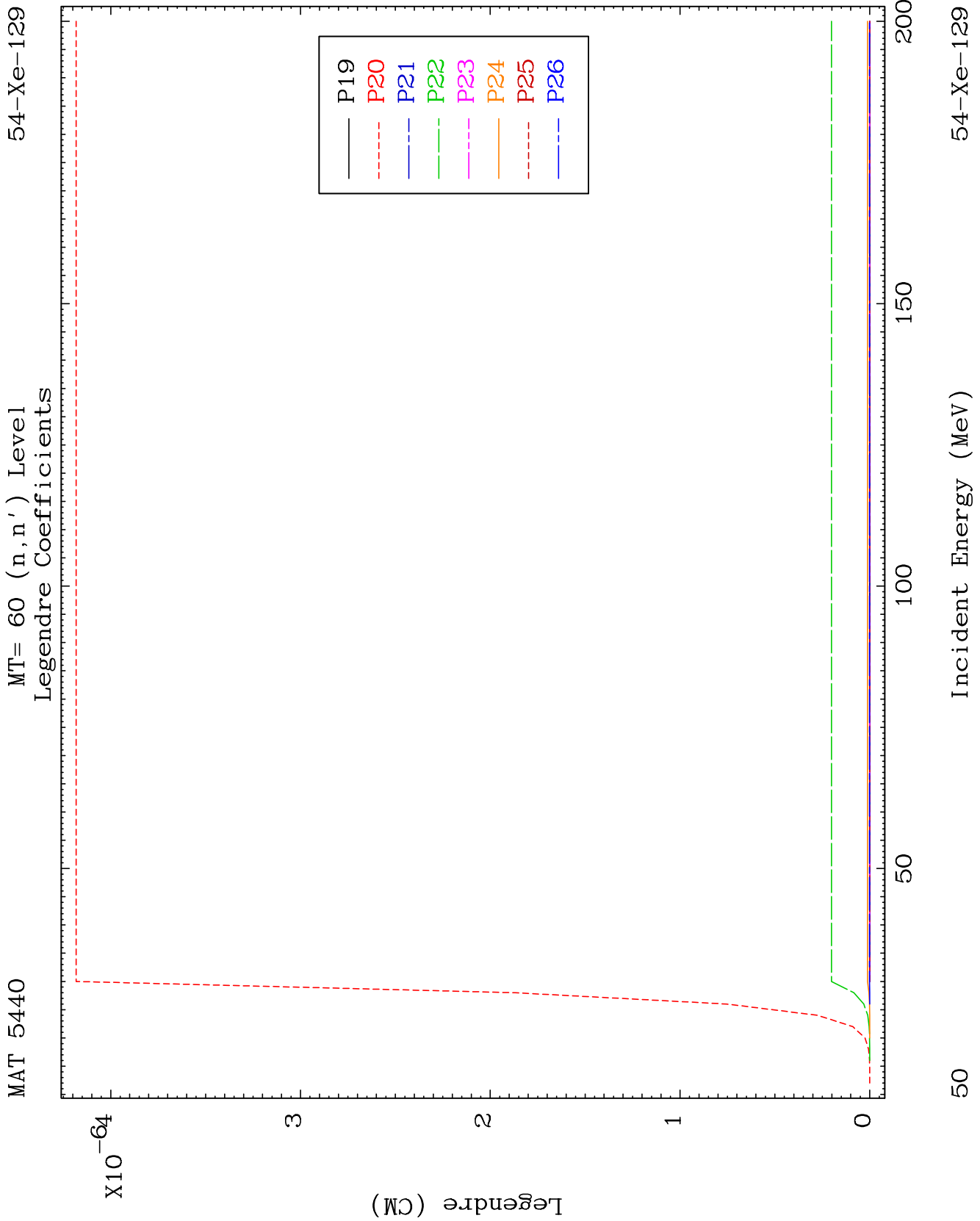
Legendre Coefficients



49

Incident Energy (MeV)

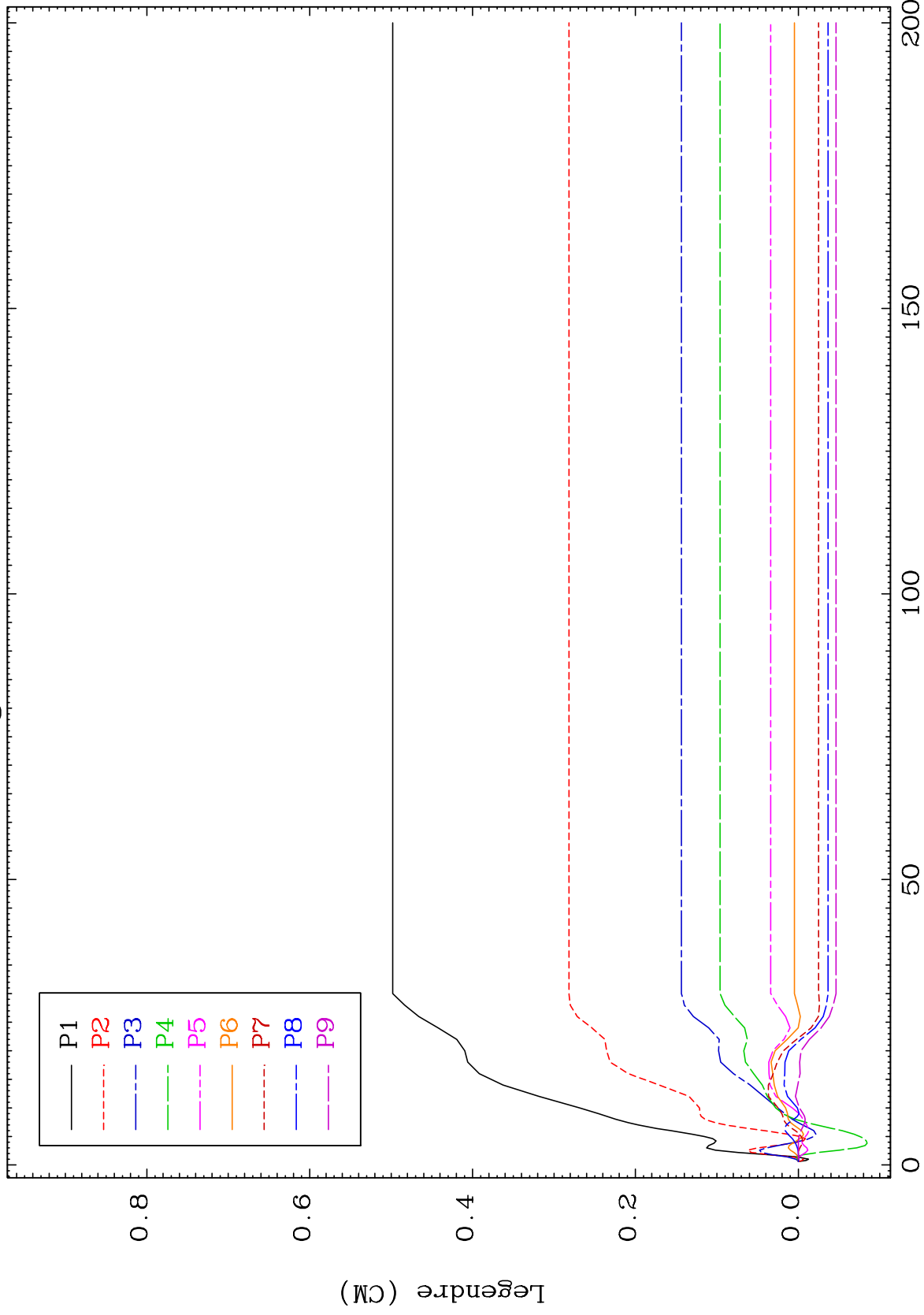
54-Xe-129



MAT 5440

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

54-Xe-129



51

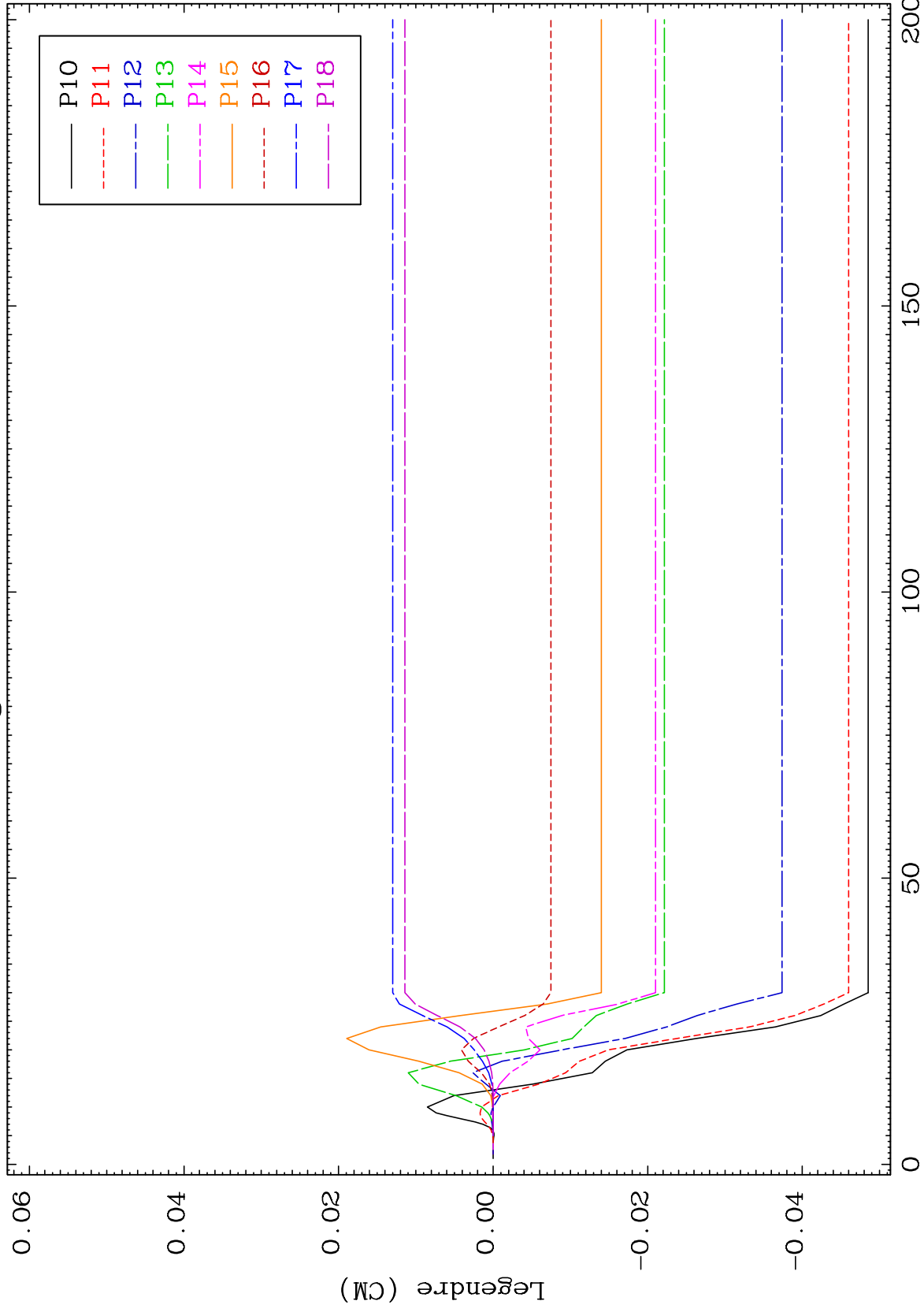
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



52

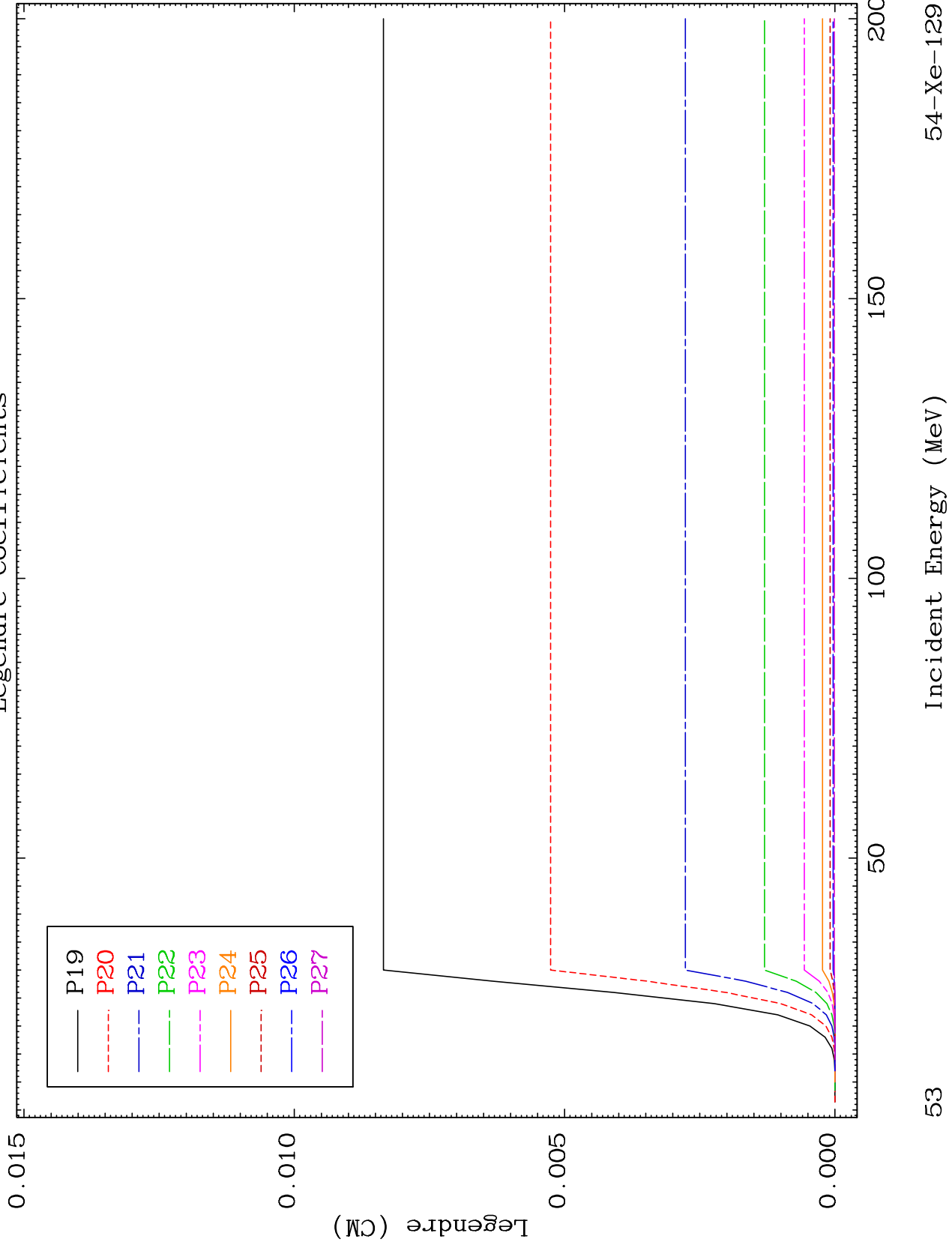
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



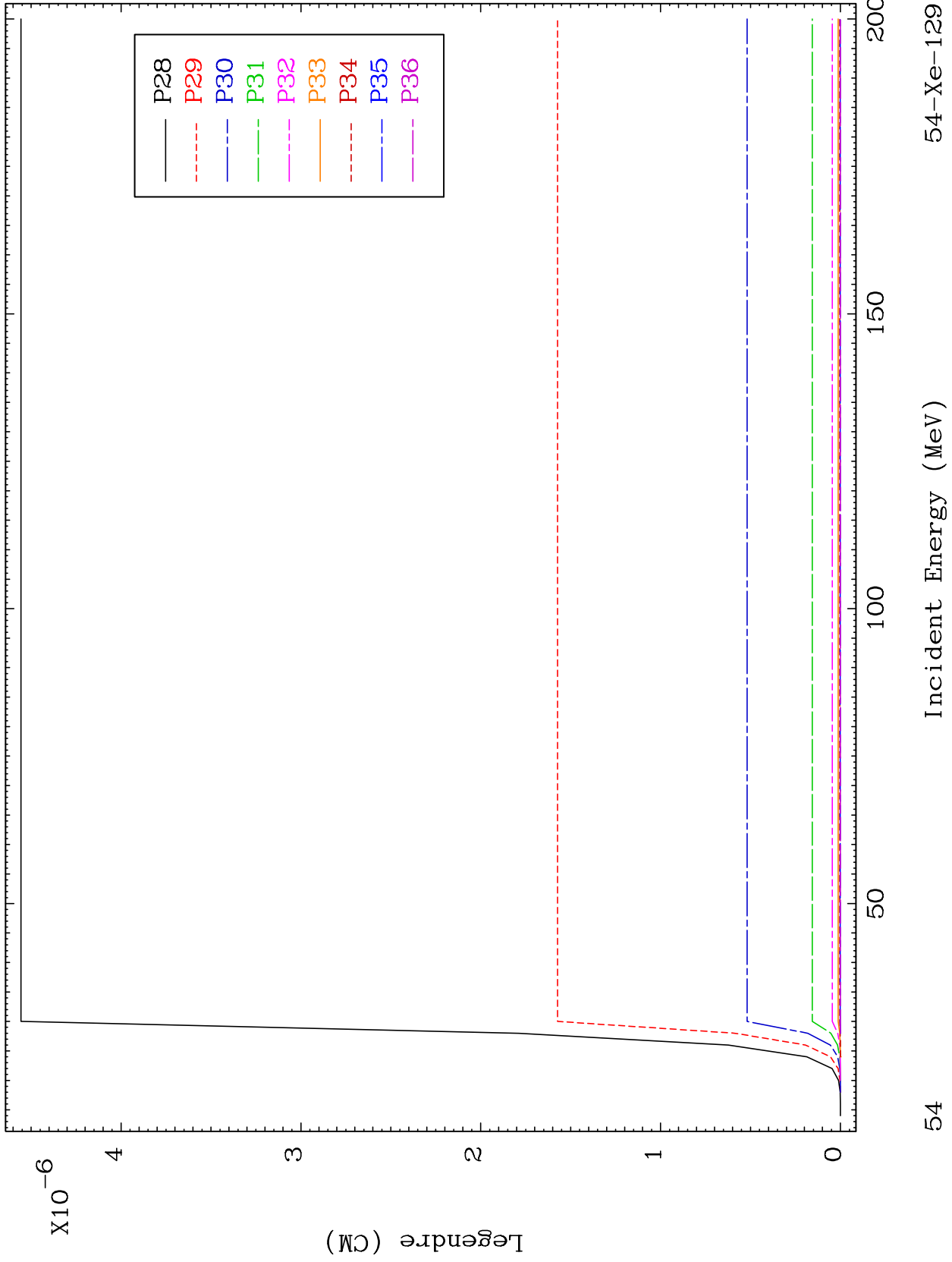
53

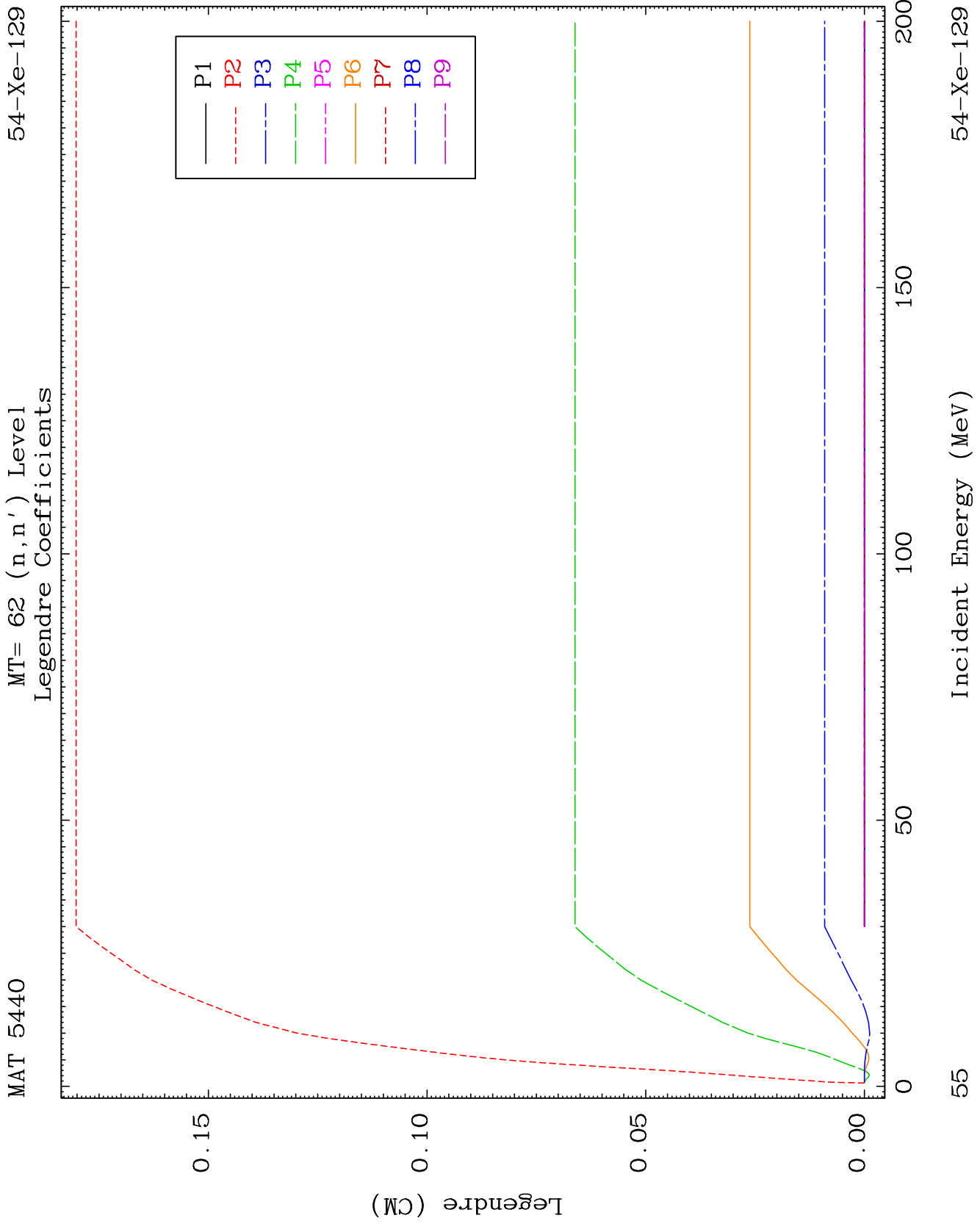
54-Xe-129

MAT 5440

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

54-Xe-129

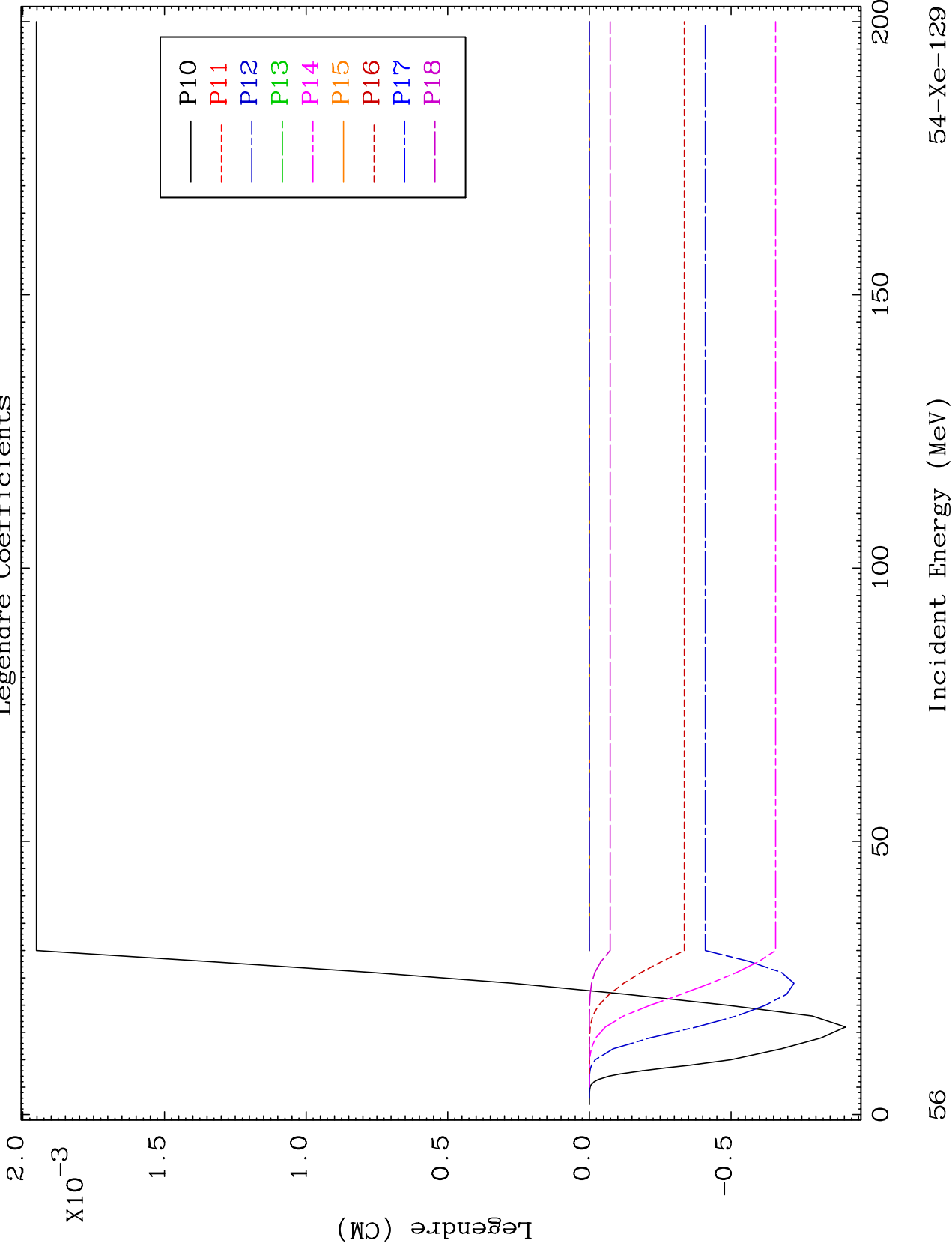




MAT 5440

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

54-Xe-129



56

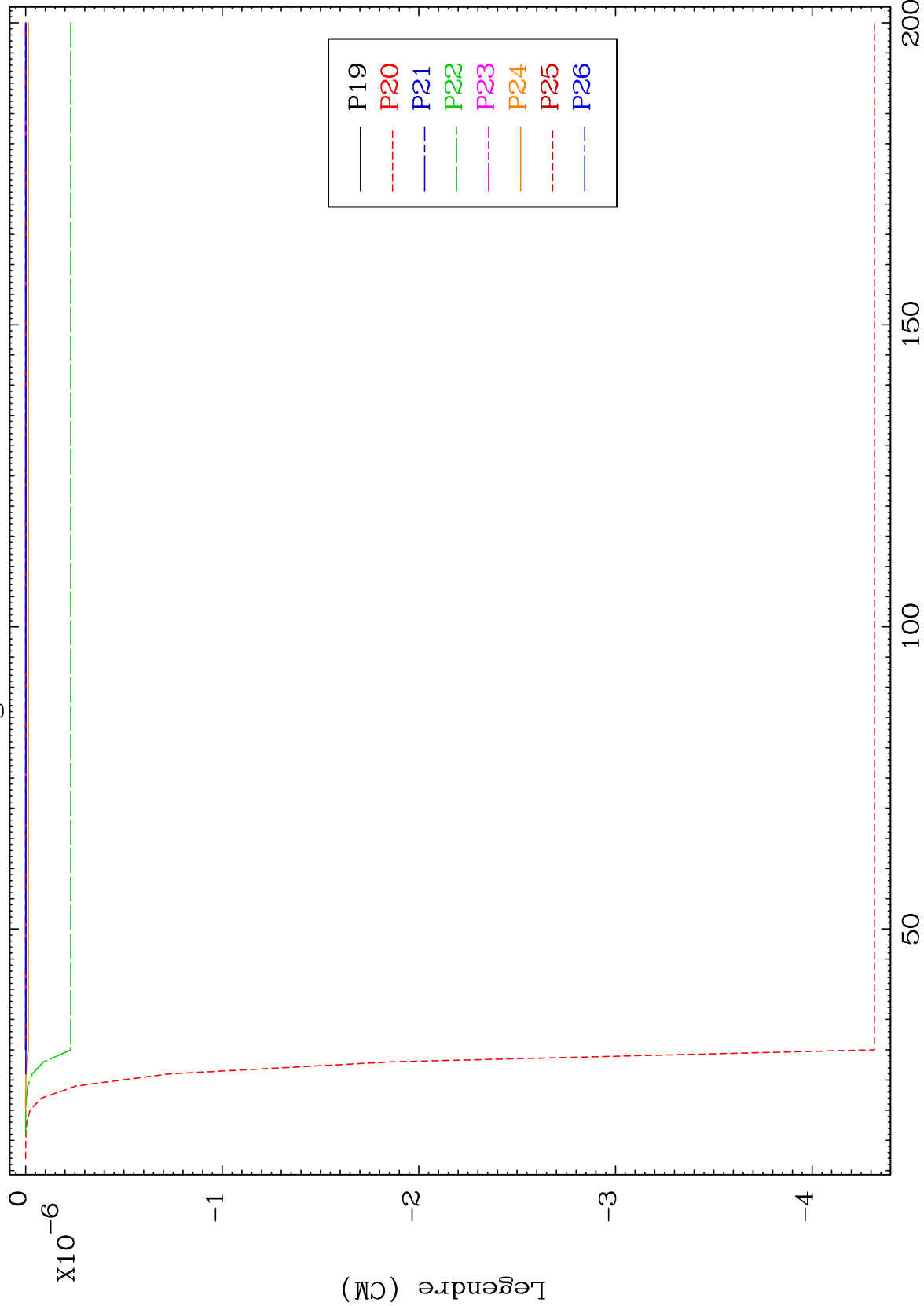
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



57

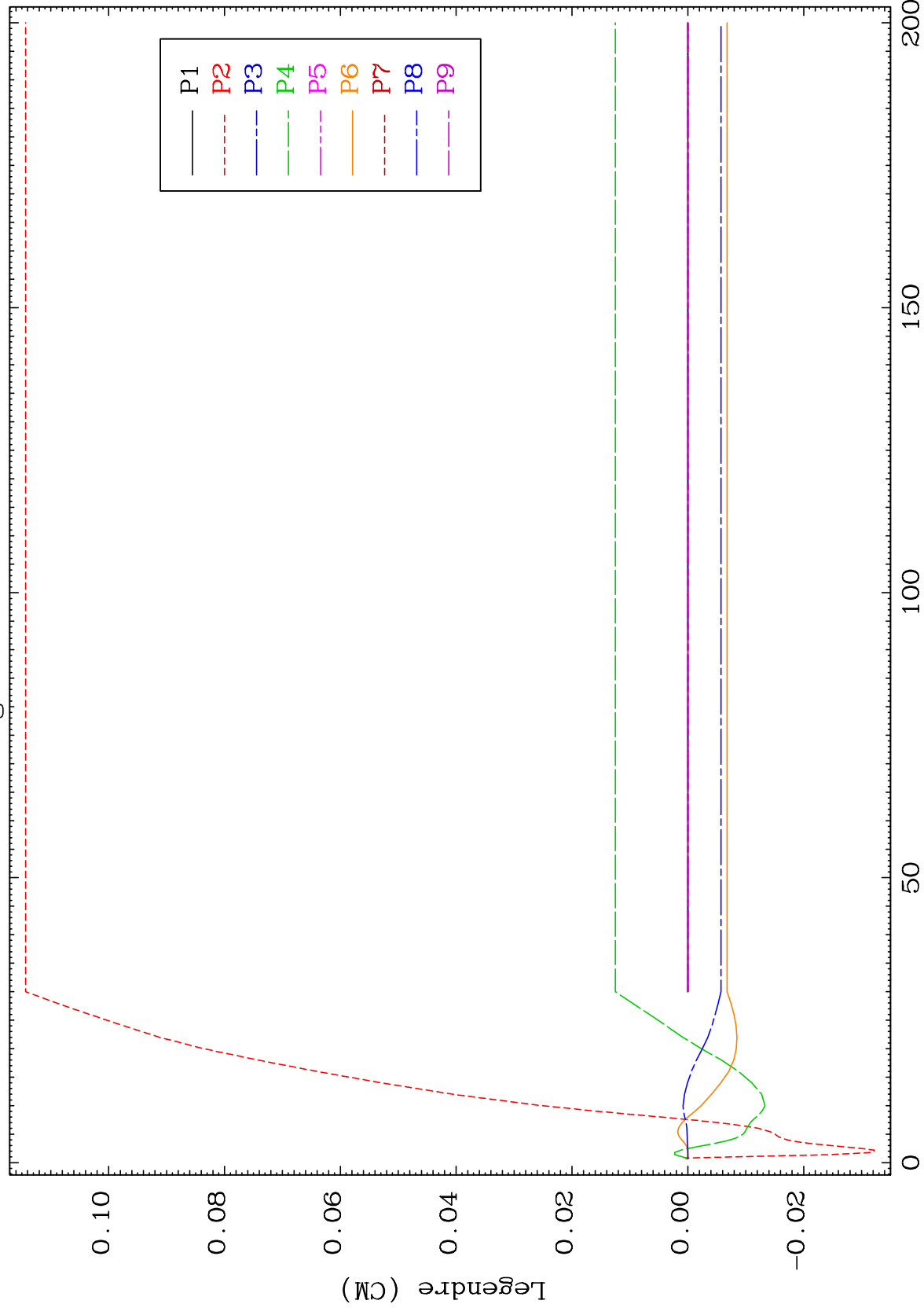
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

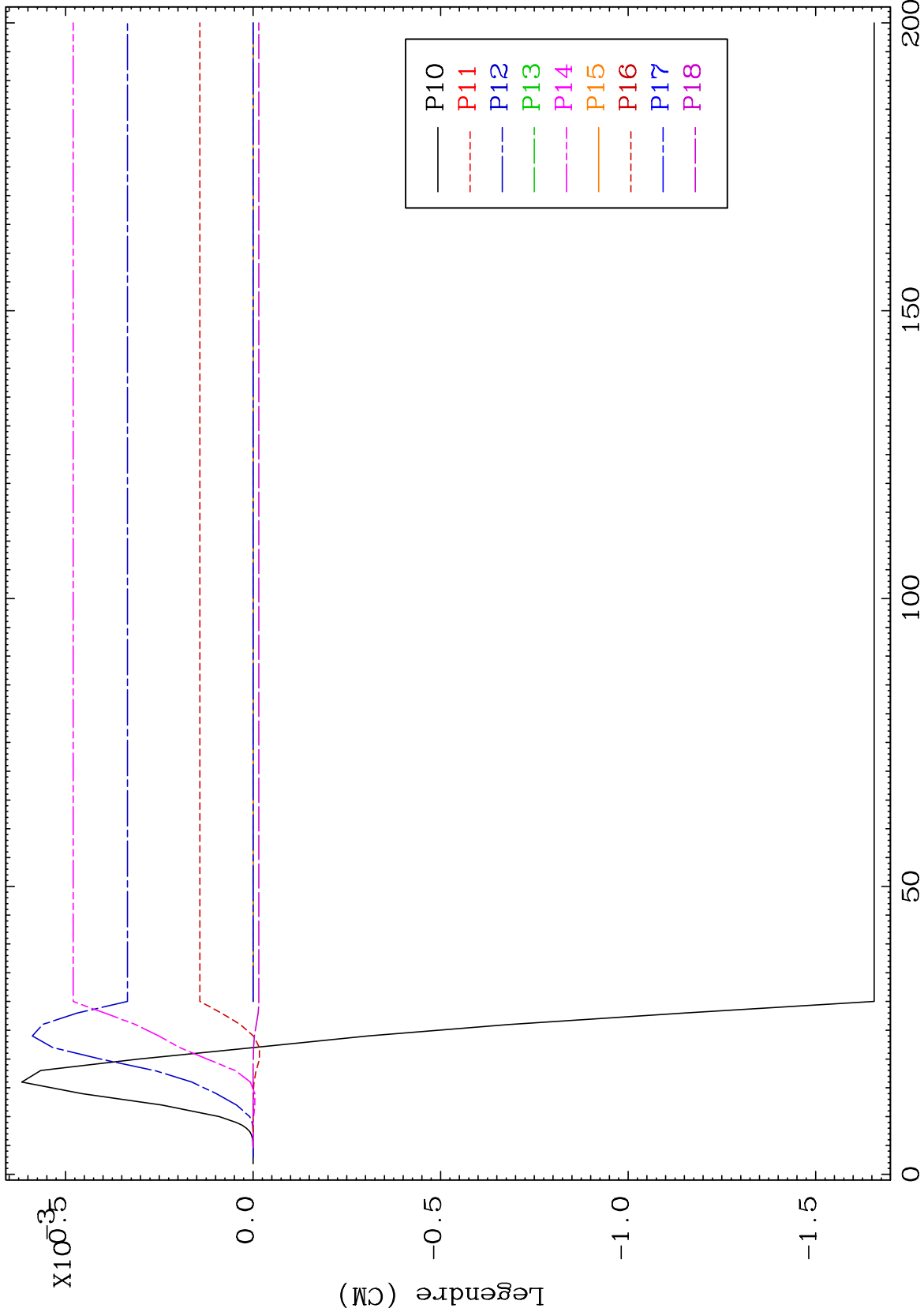
Incident Energy (MeV)

58

MAT 5440

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

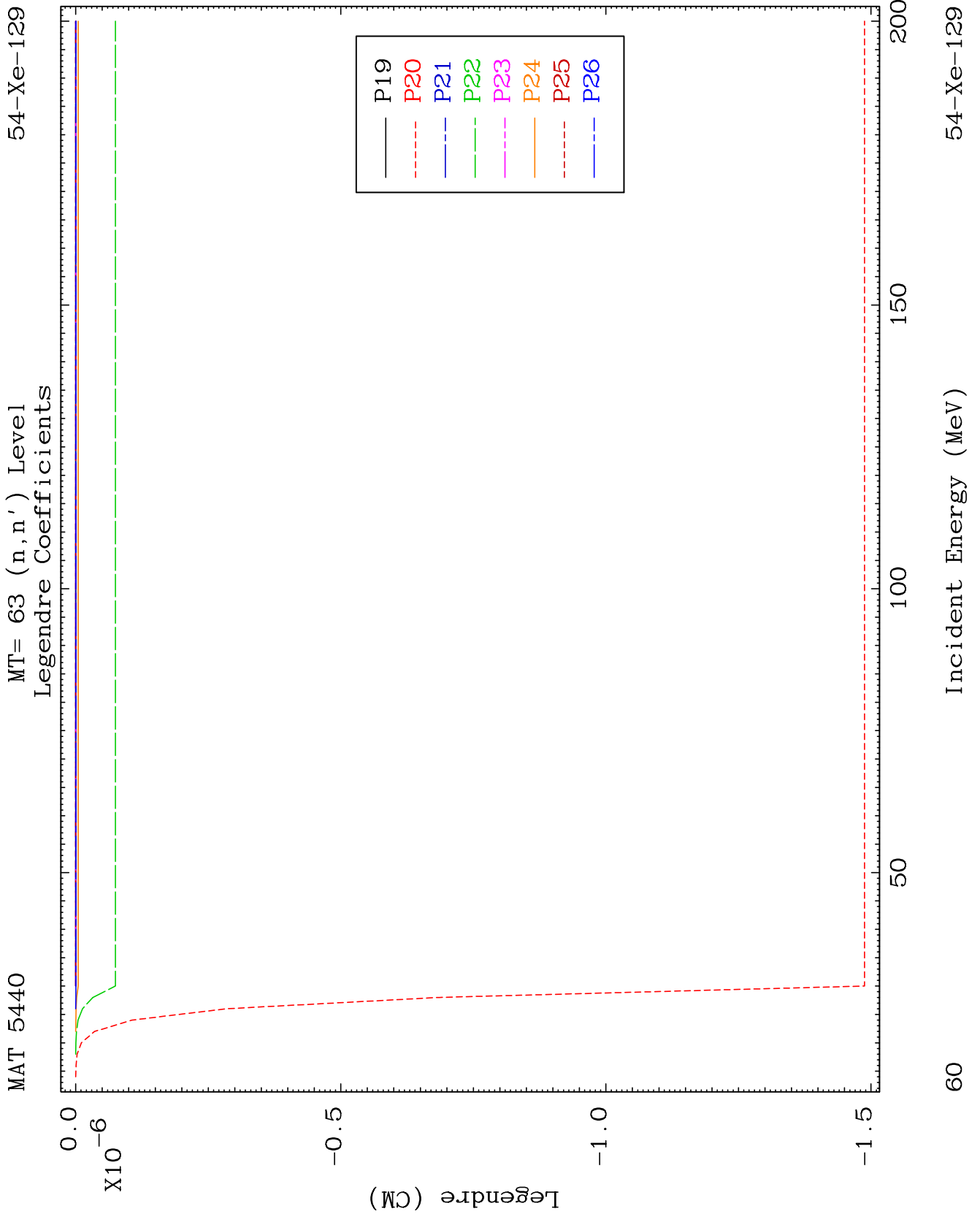
54-Xe-129



59

Incident Energy (MeV)

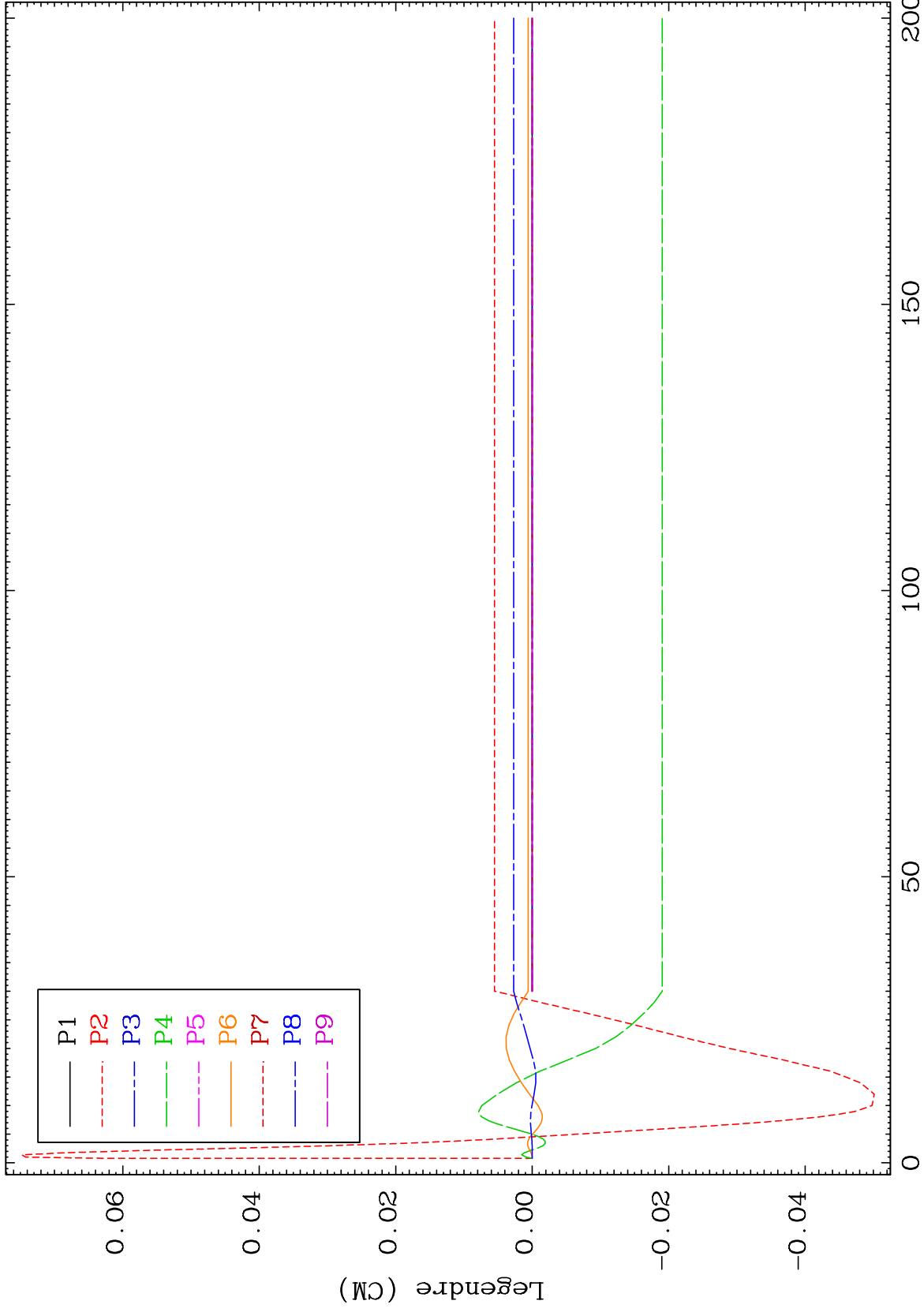
54-Xe-129



MAT 5440

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

54-Xe-129



61

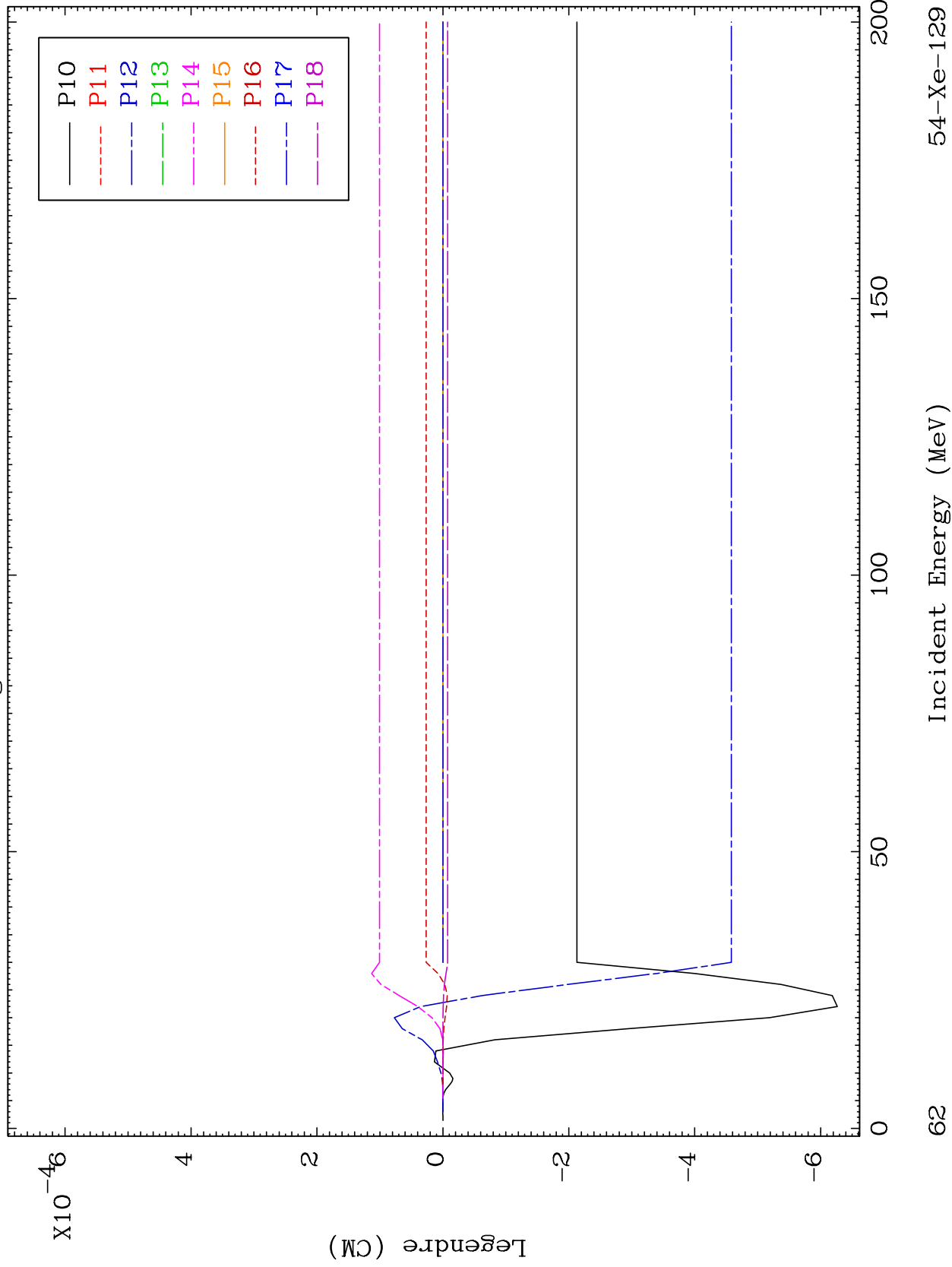
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

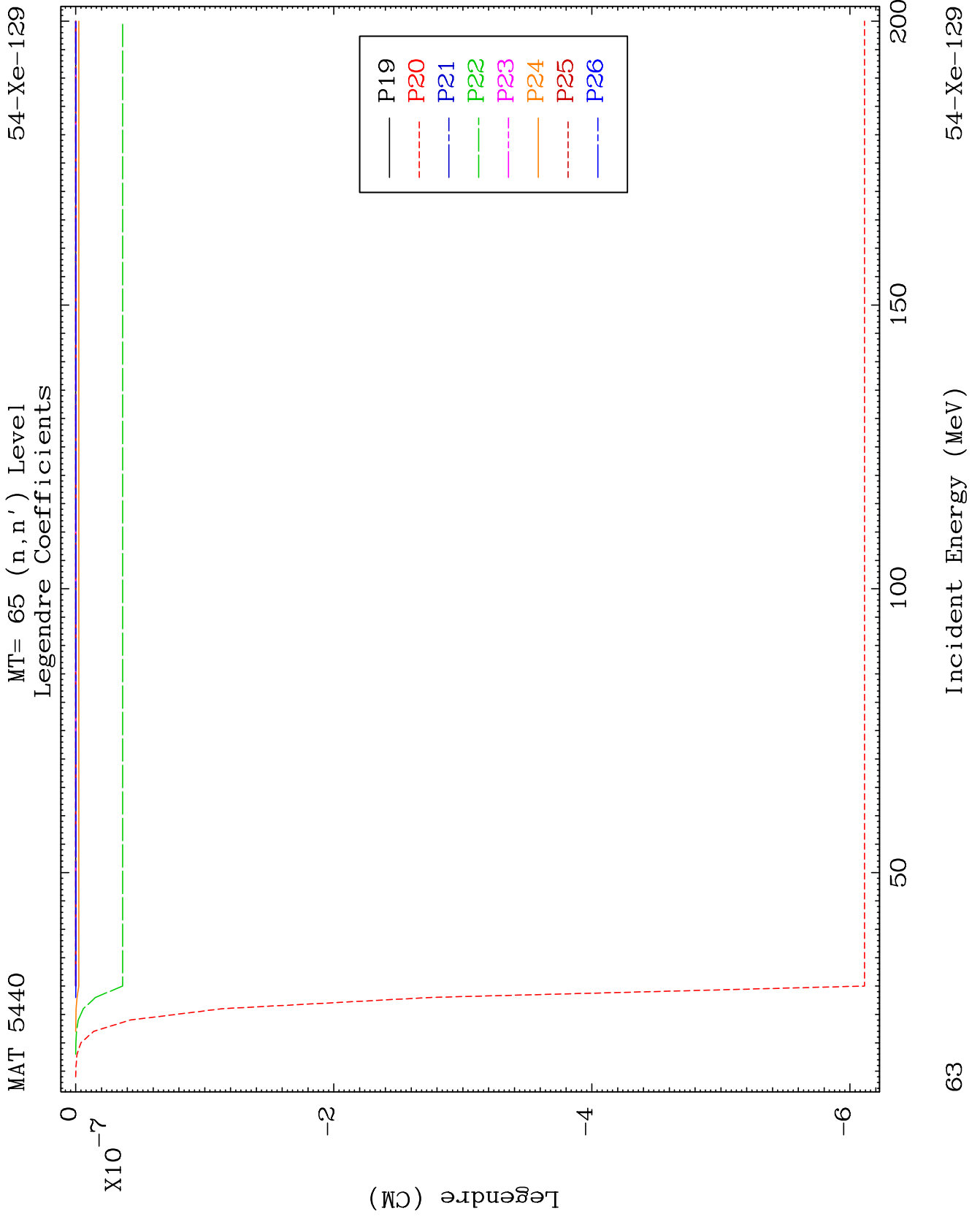
54-Xe-129

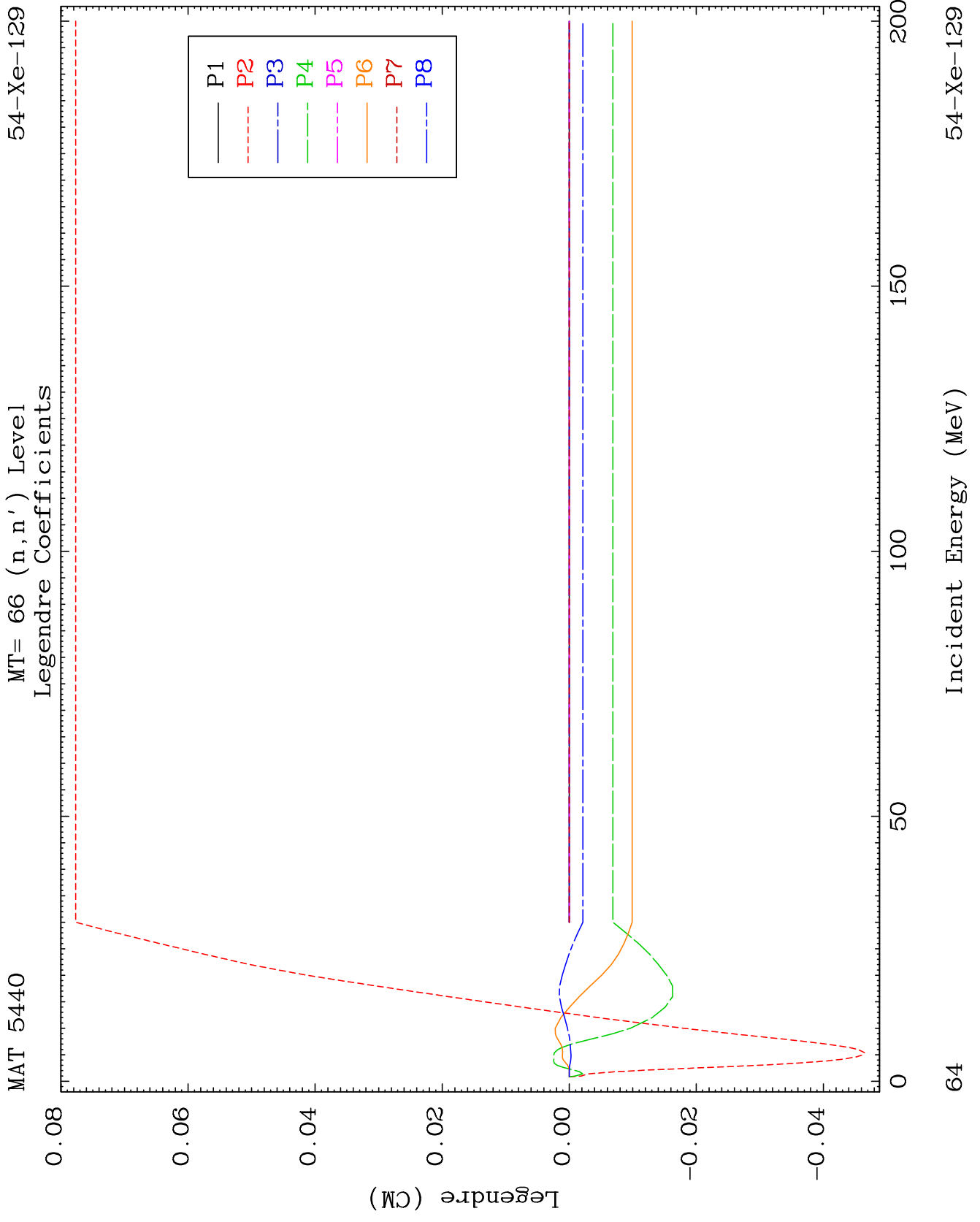


54-Xe-129

Incident Energy (MeV)

62

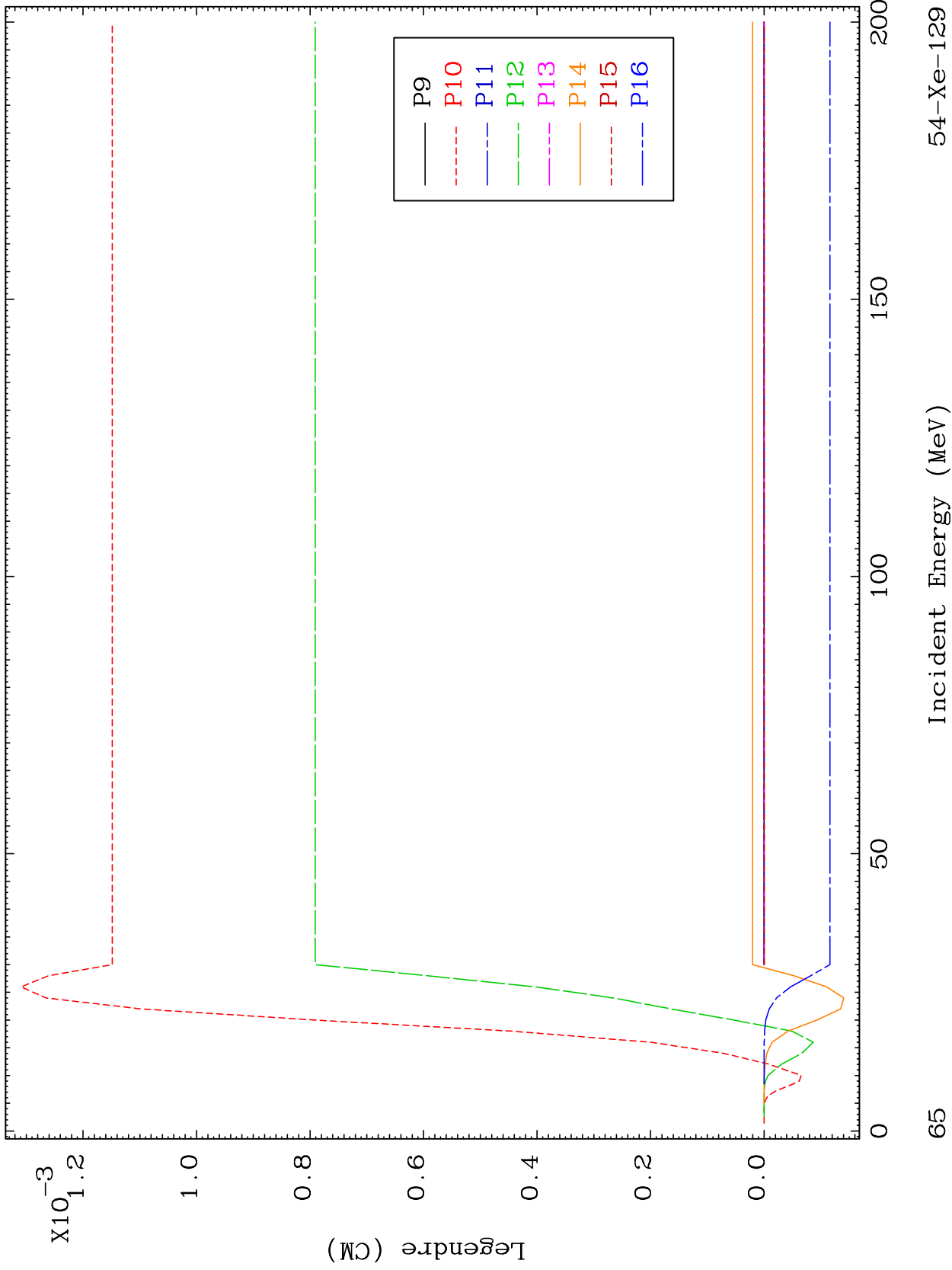


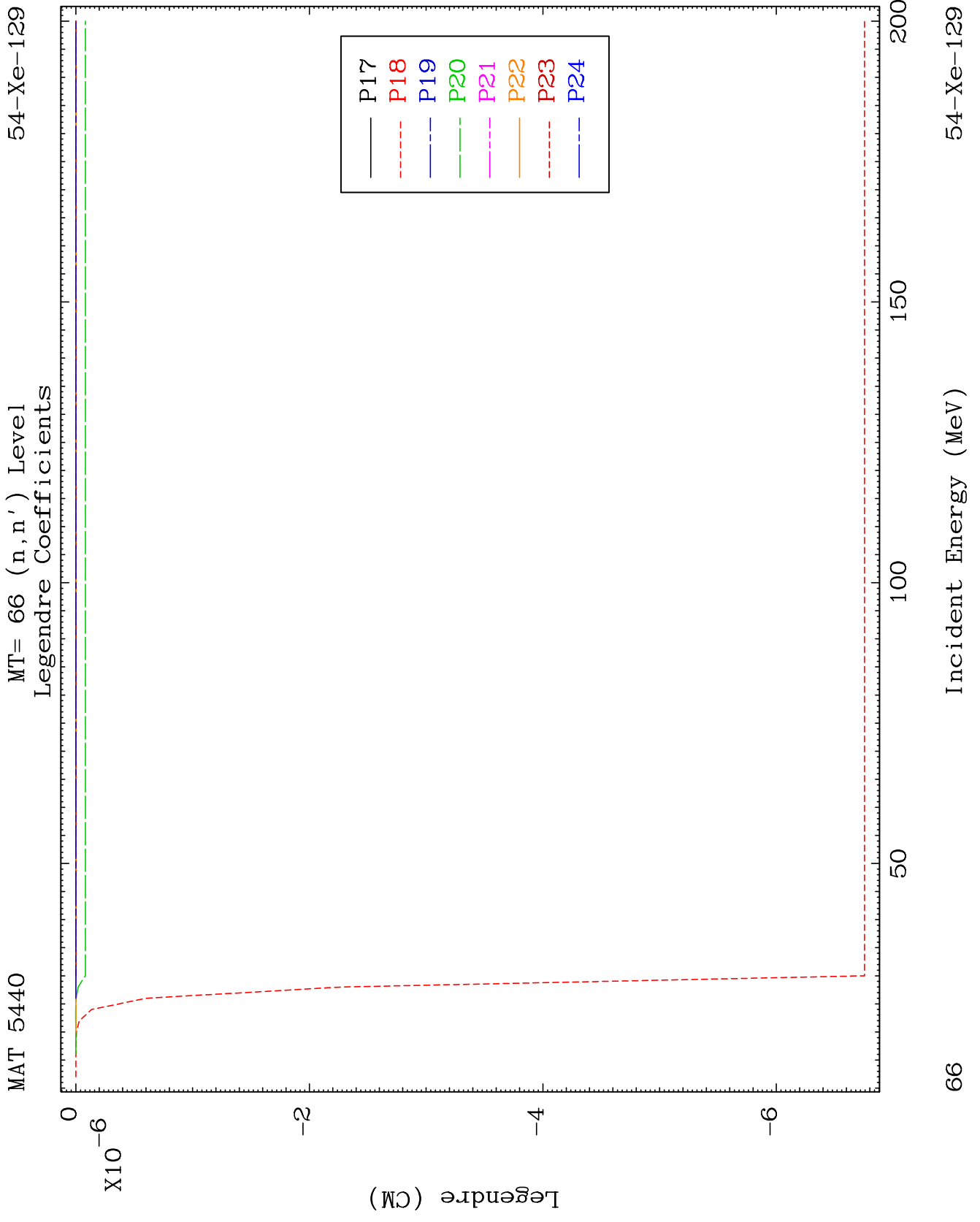


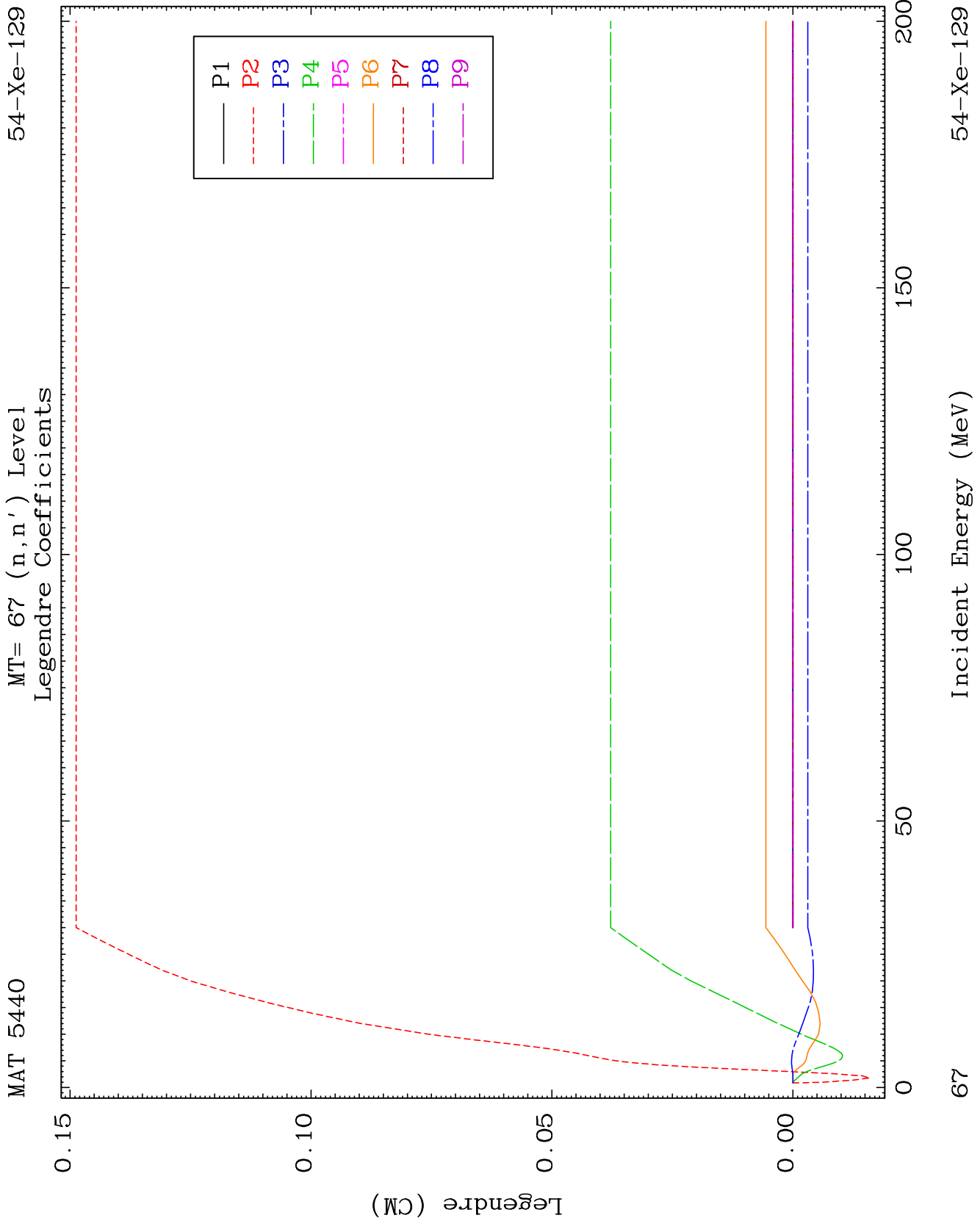
MAT 5440

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

54-Xe-129



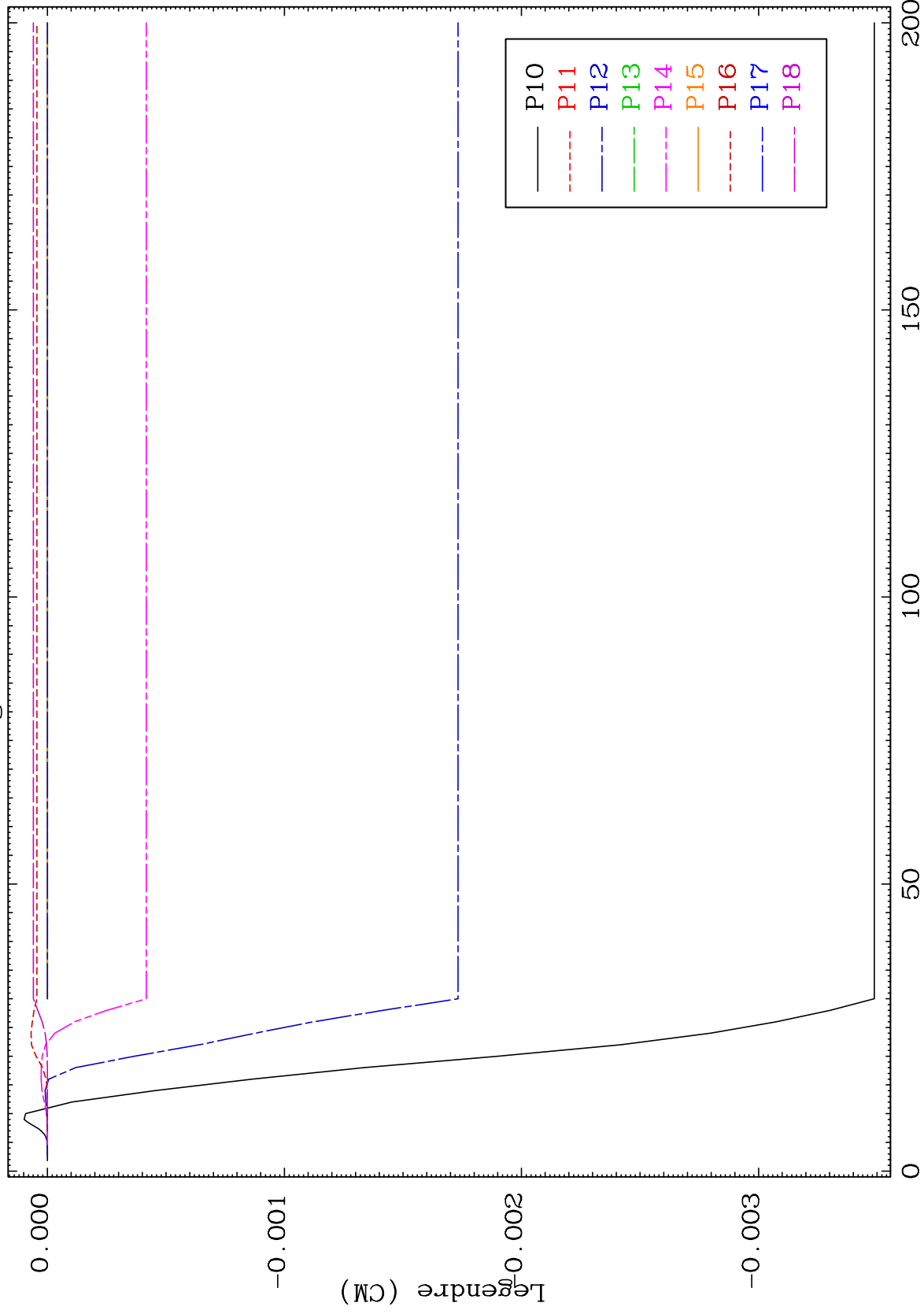




MAT 5440

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

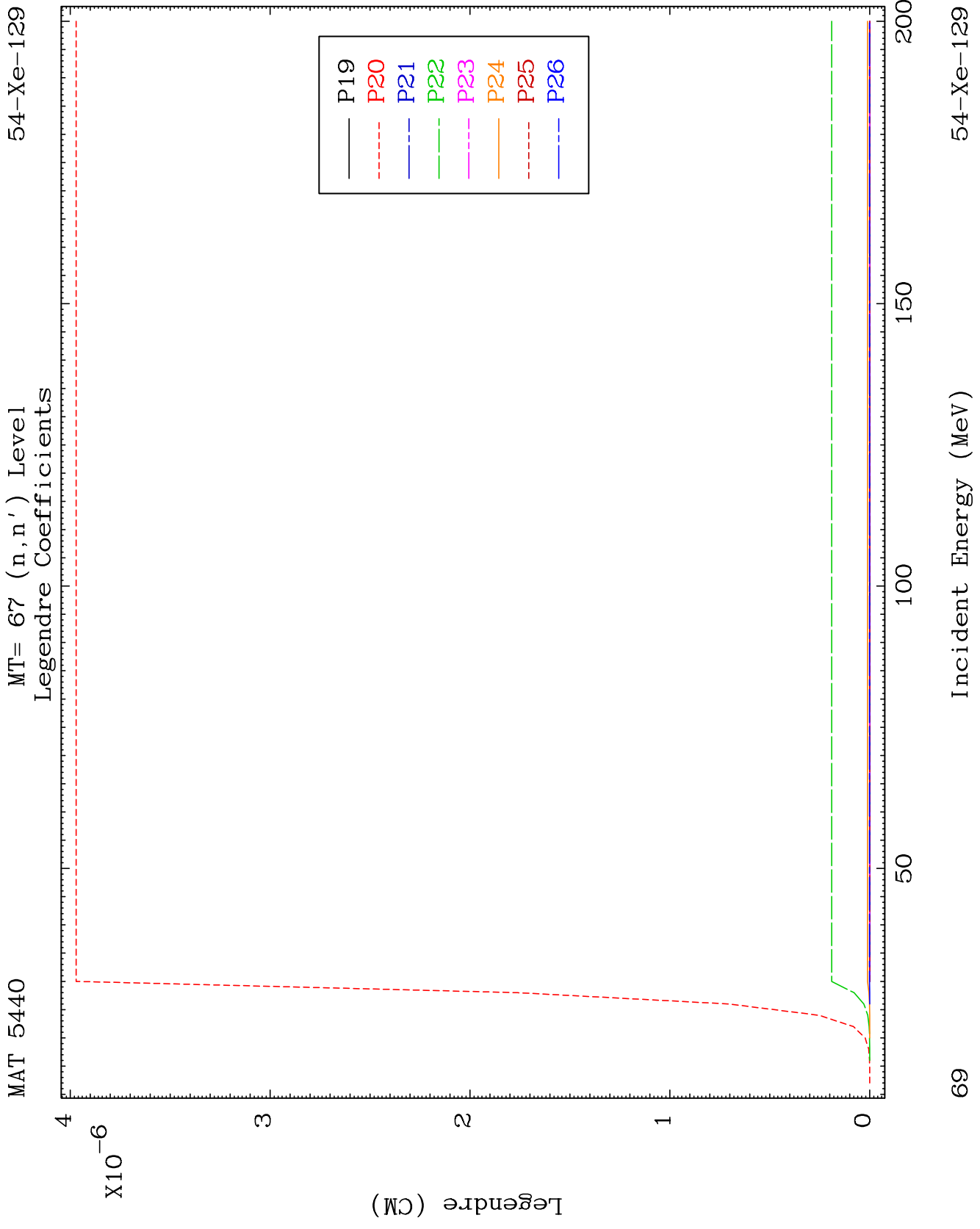
54-Xe-129



68

Incident Energy (MeV)

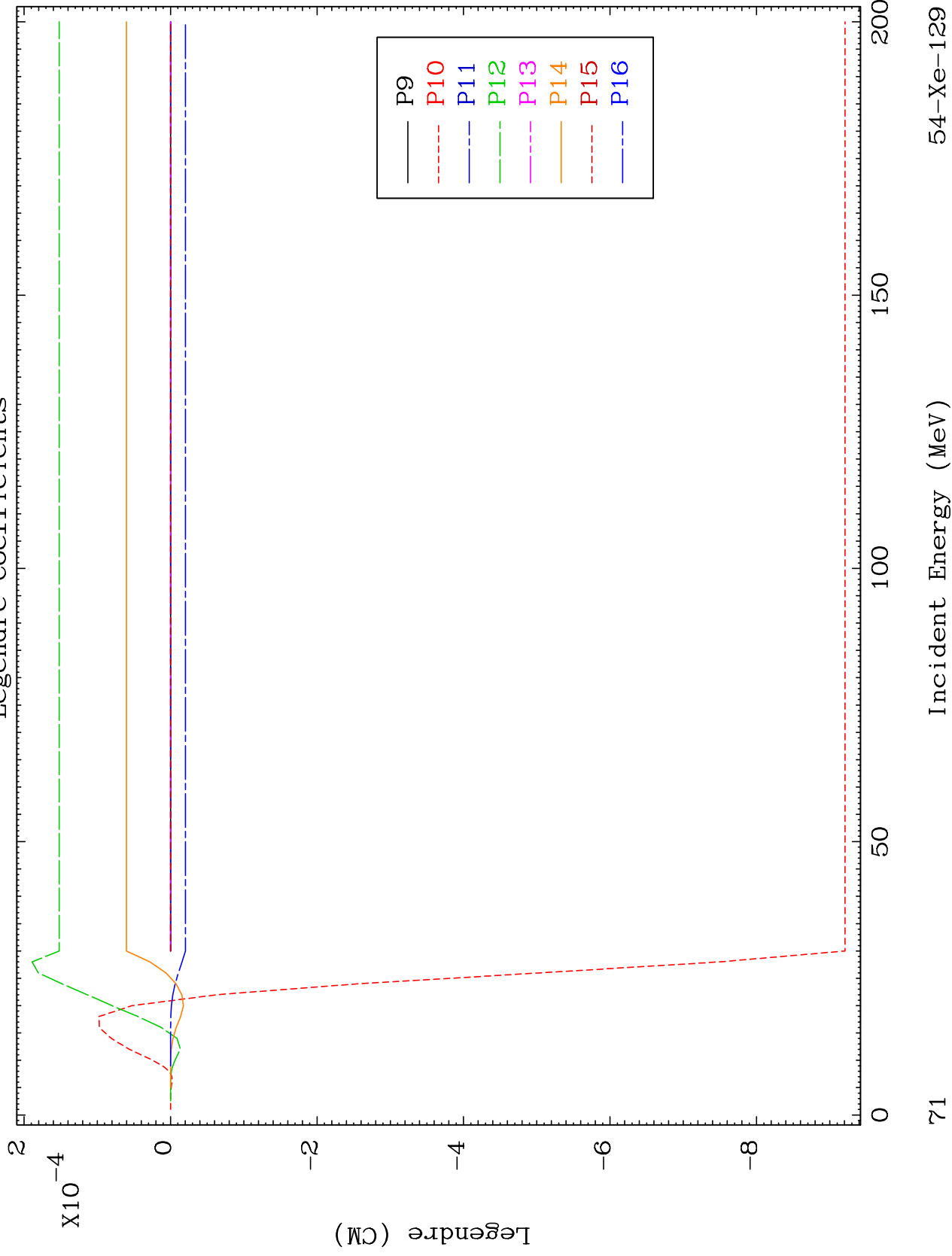
54-Xe-129



MAT 5440

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

54-Xe-129



71

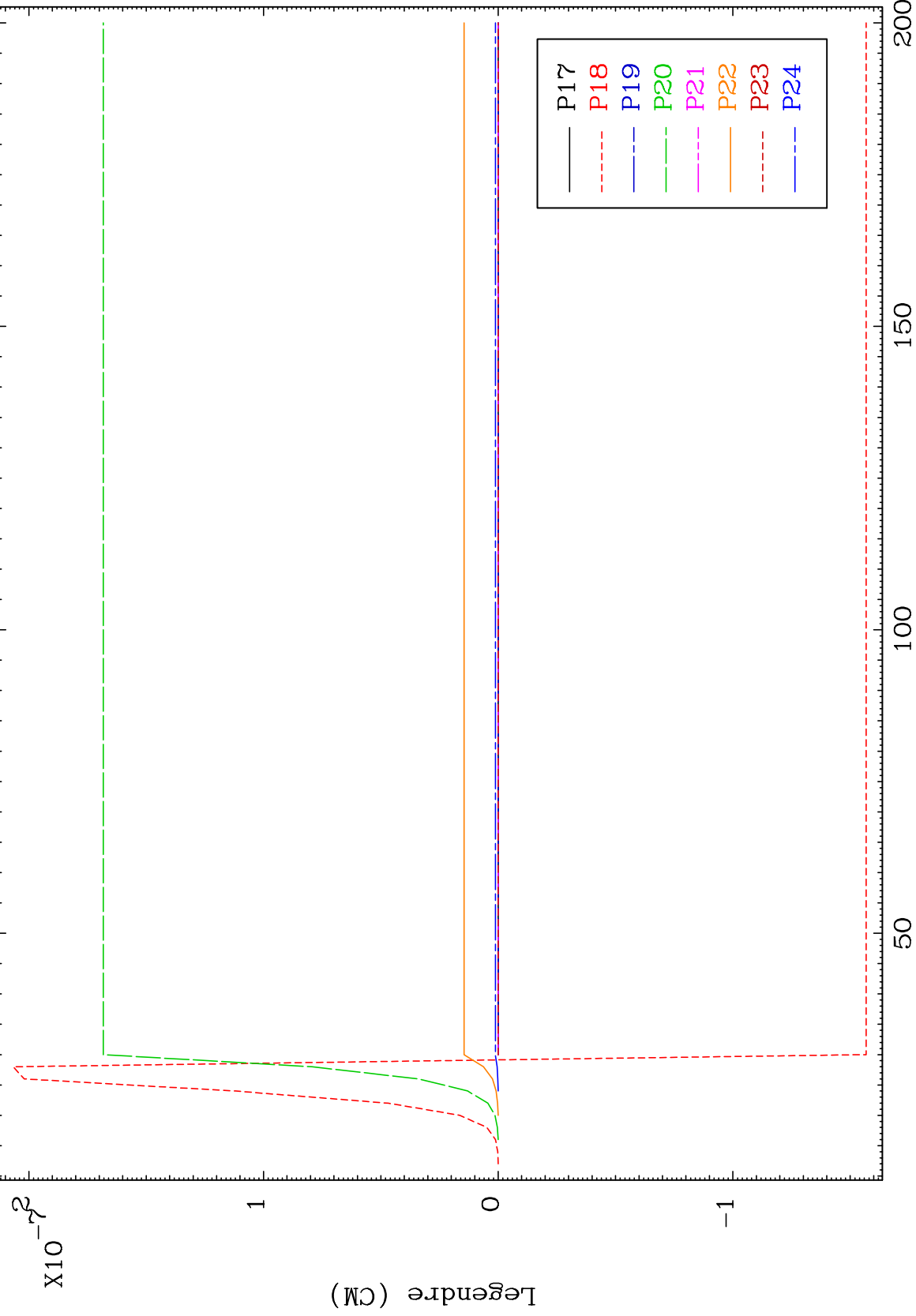
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

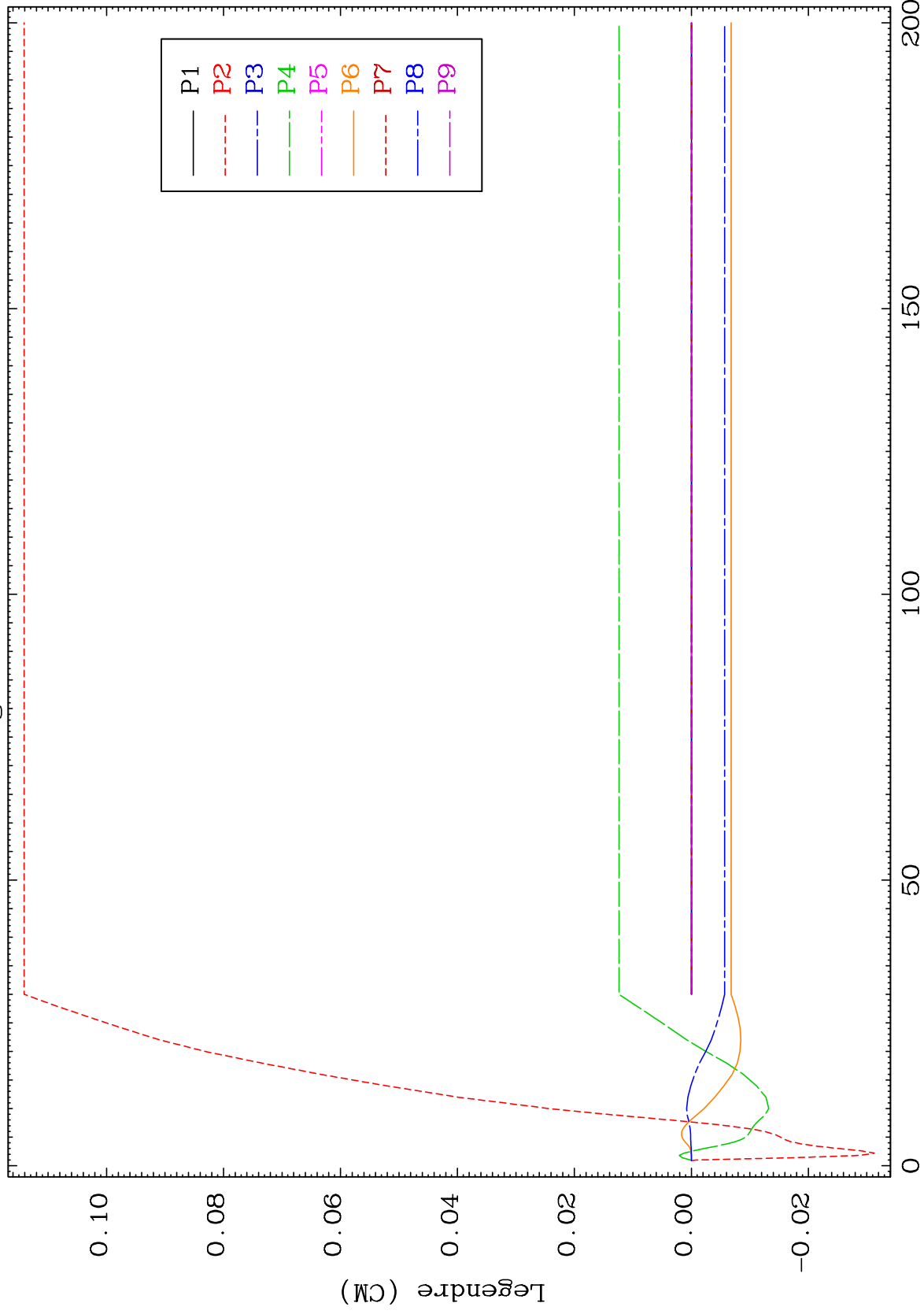
54-Xe-129



MAT 5440

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

54-Xe-129



73

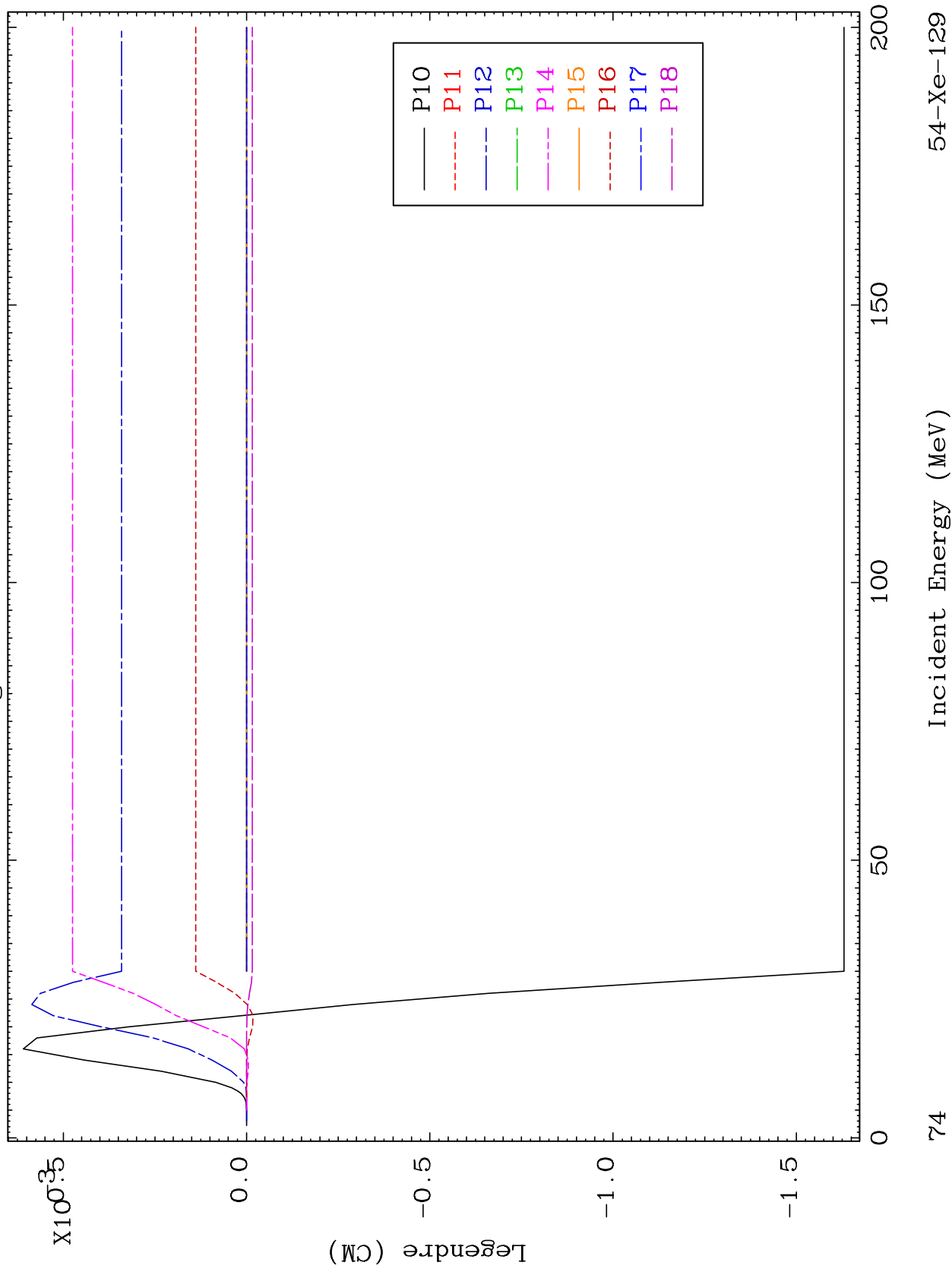
Incident Energy (MeV)

54-Xe-129

MAT 5440

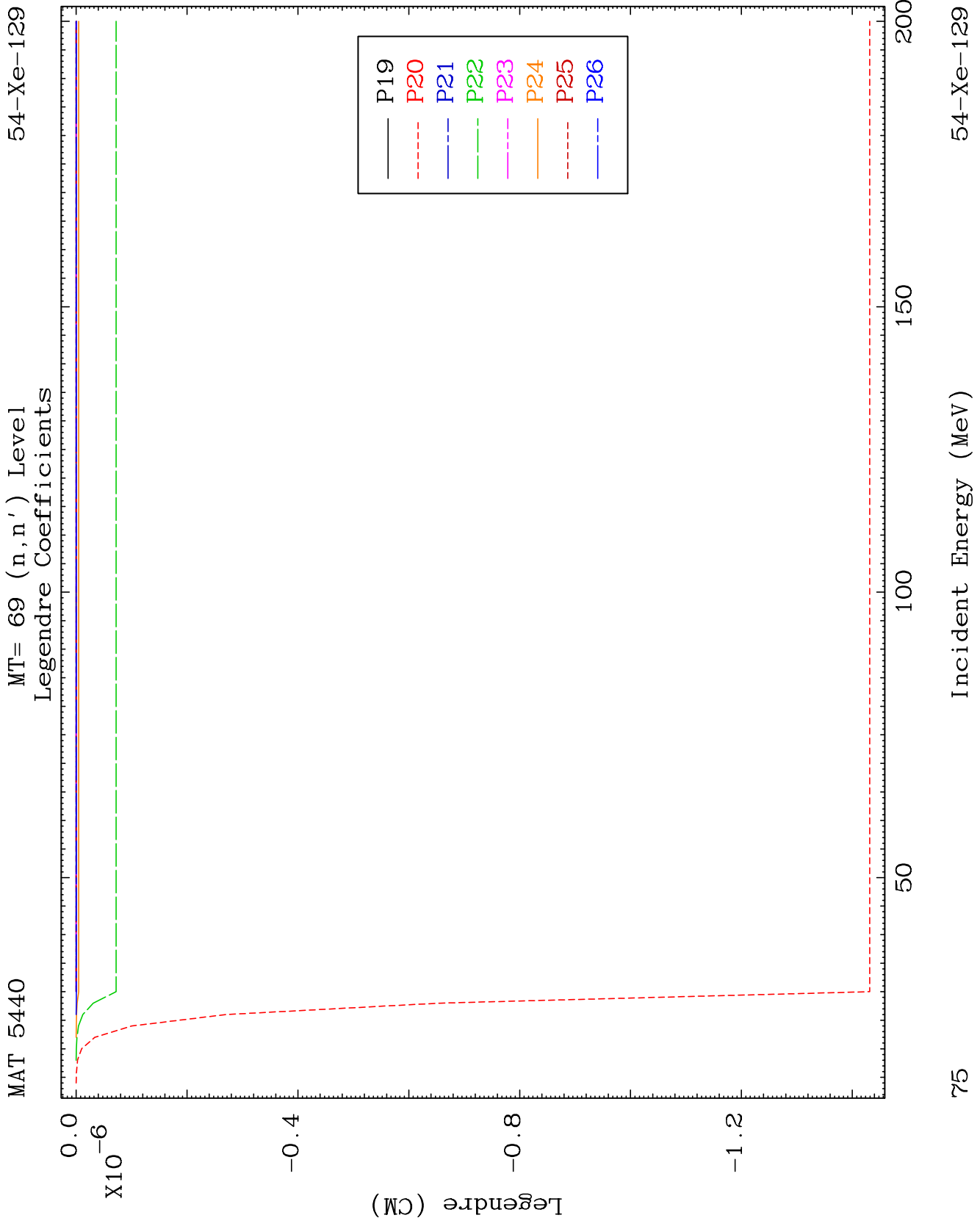
MT= 69 (n,n') Level
Legendre Coefficients

54-Xe-129



74

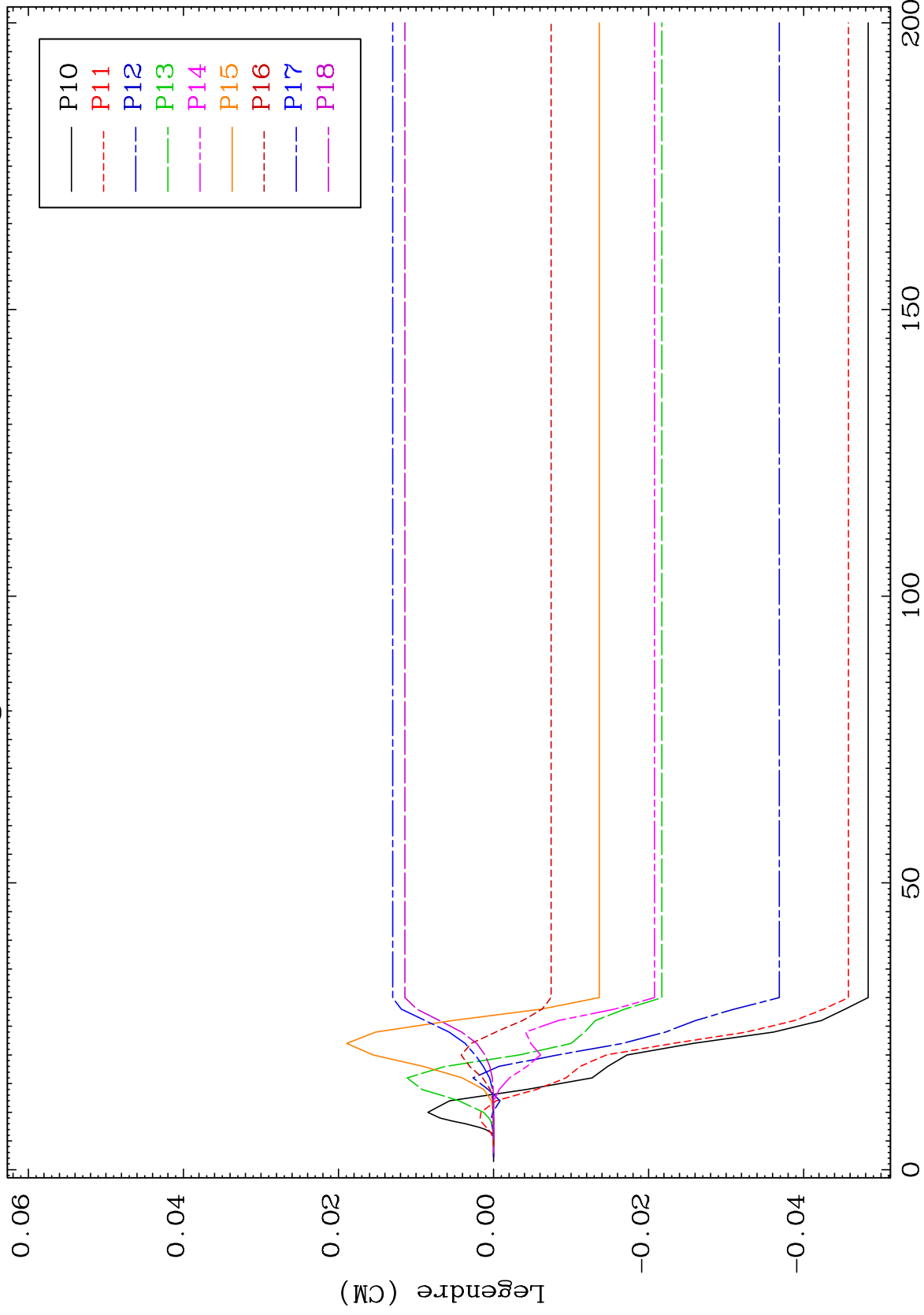
54-Xe-129



MAT 5440

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

54-Xe-129



77

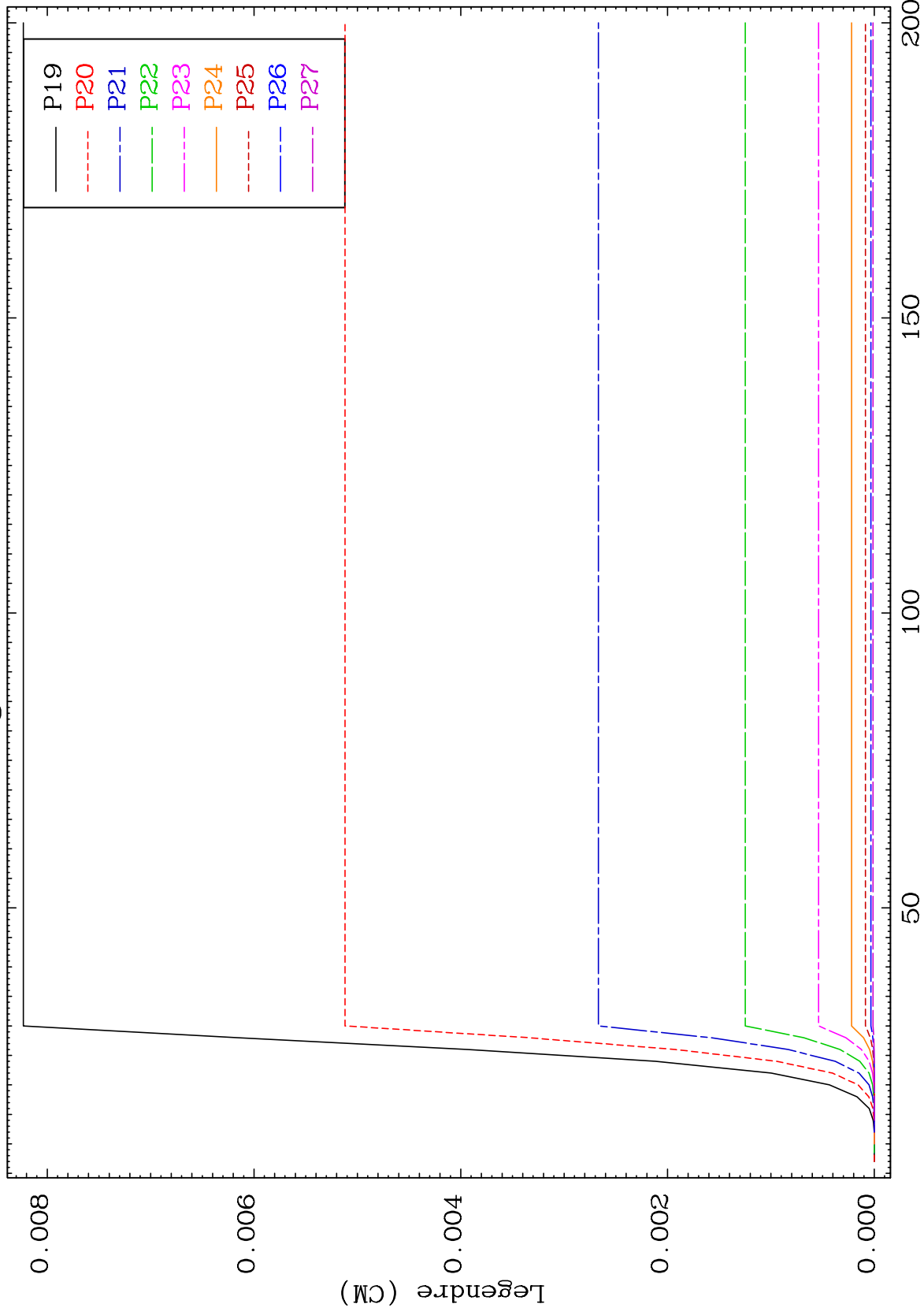
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



78

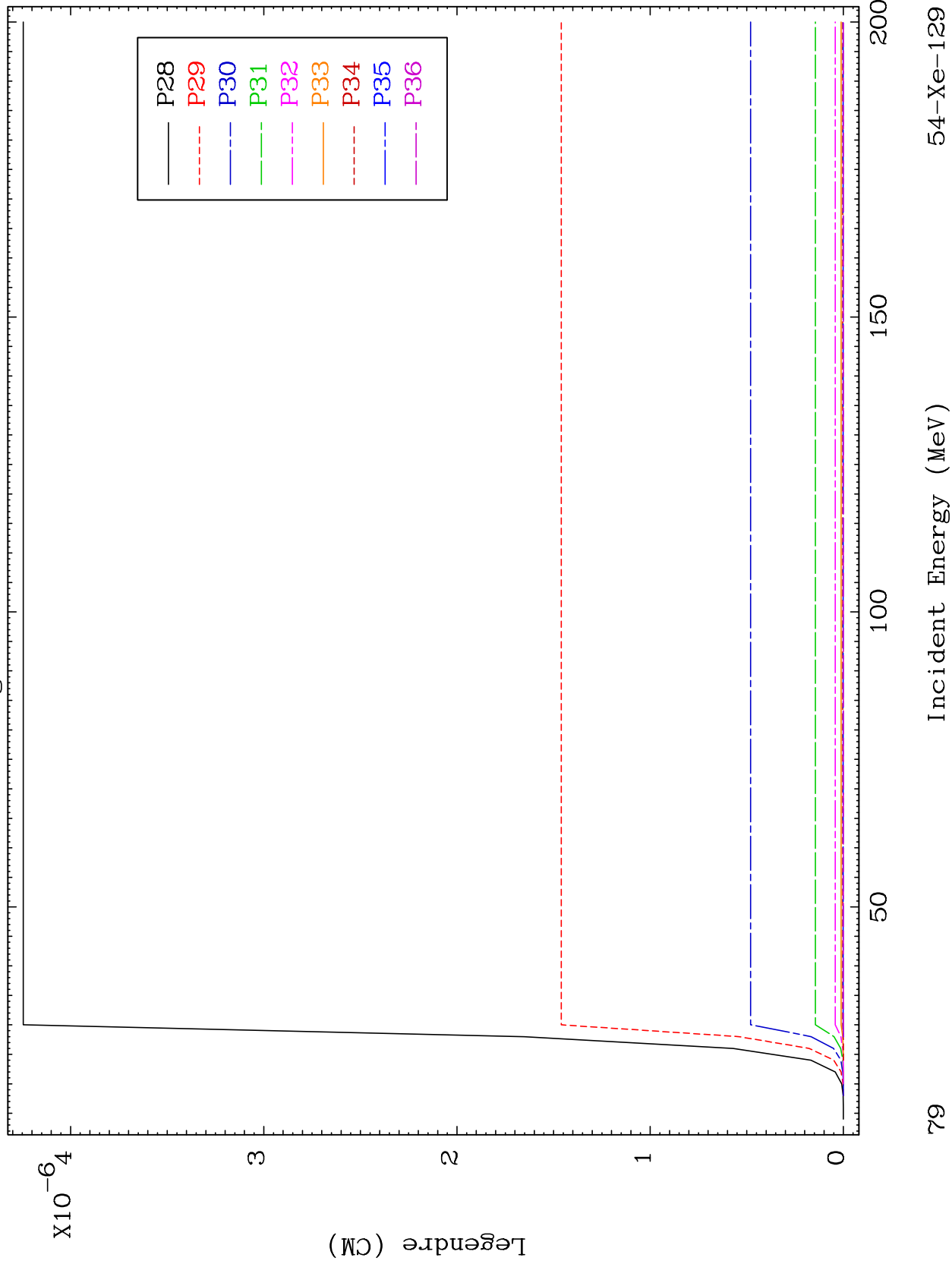
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

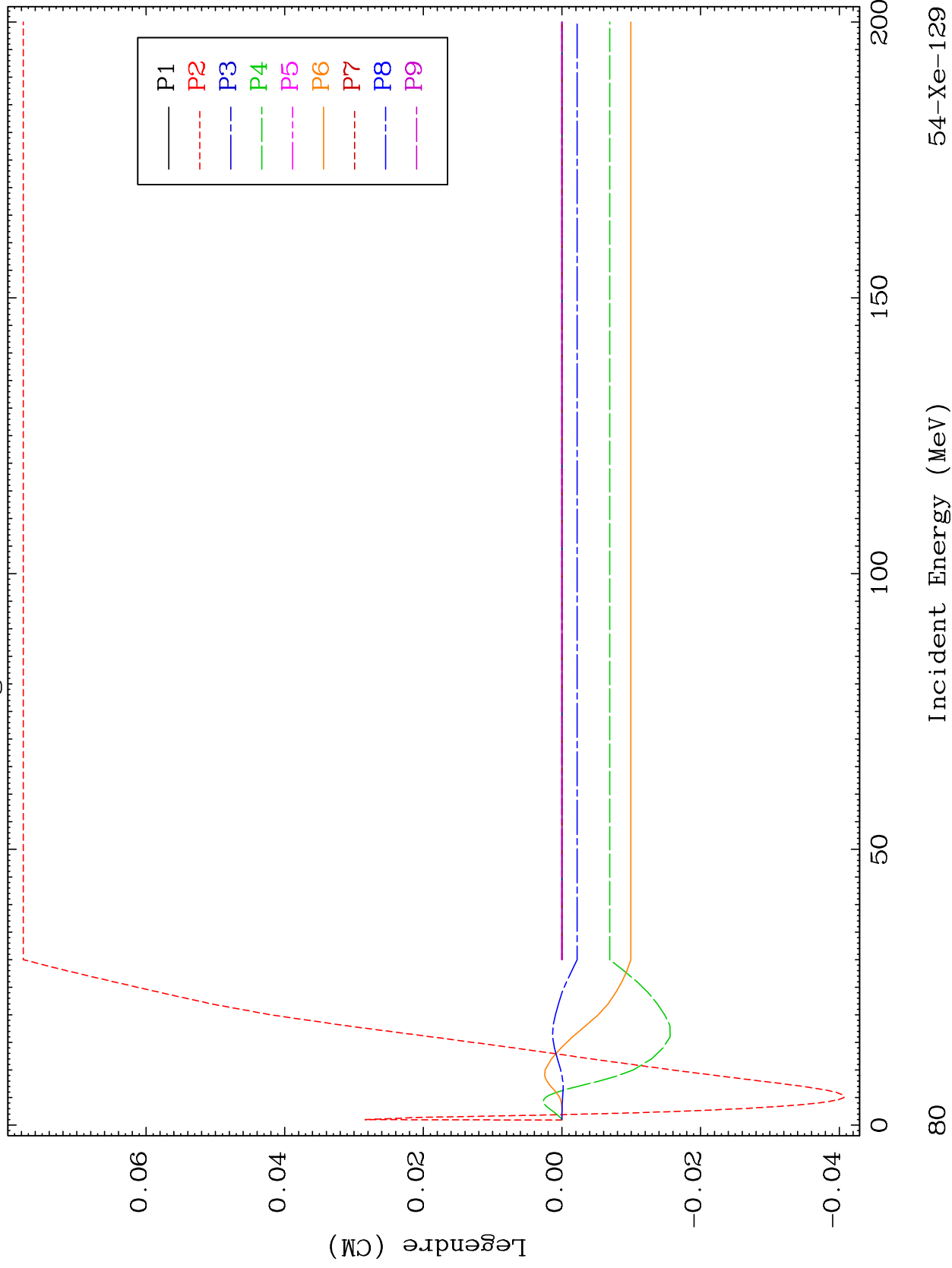
54-Xe-129



MAT 5440

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

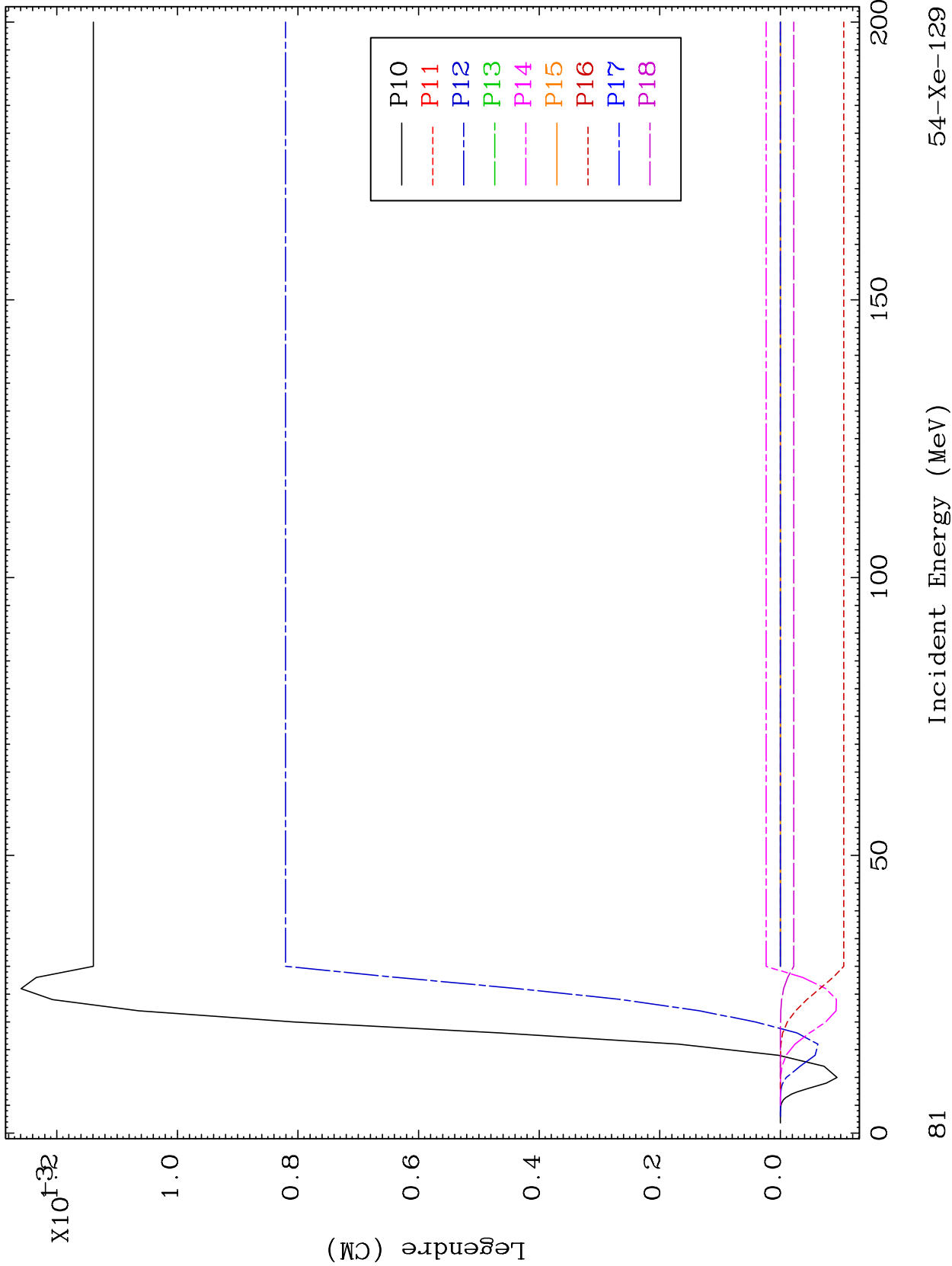
54-Xe-129



MAT 5440

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

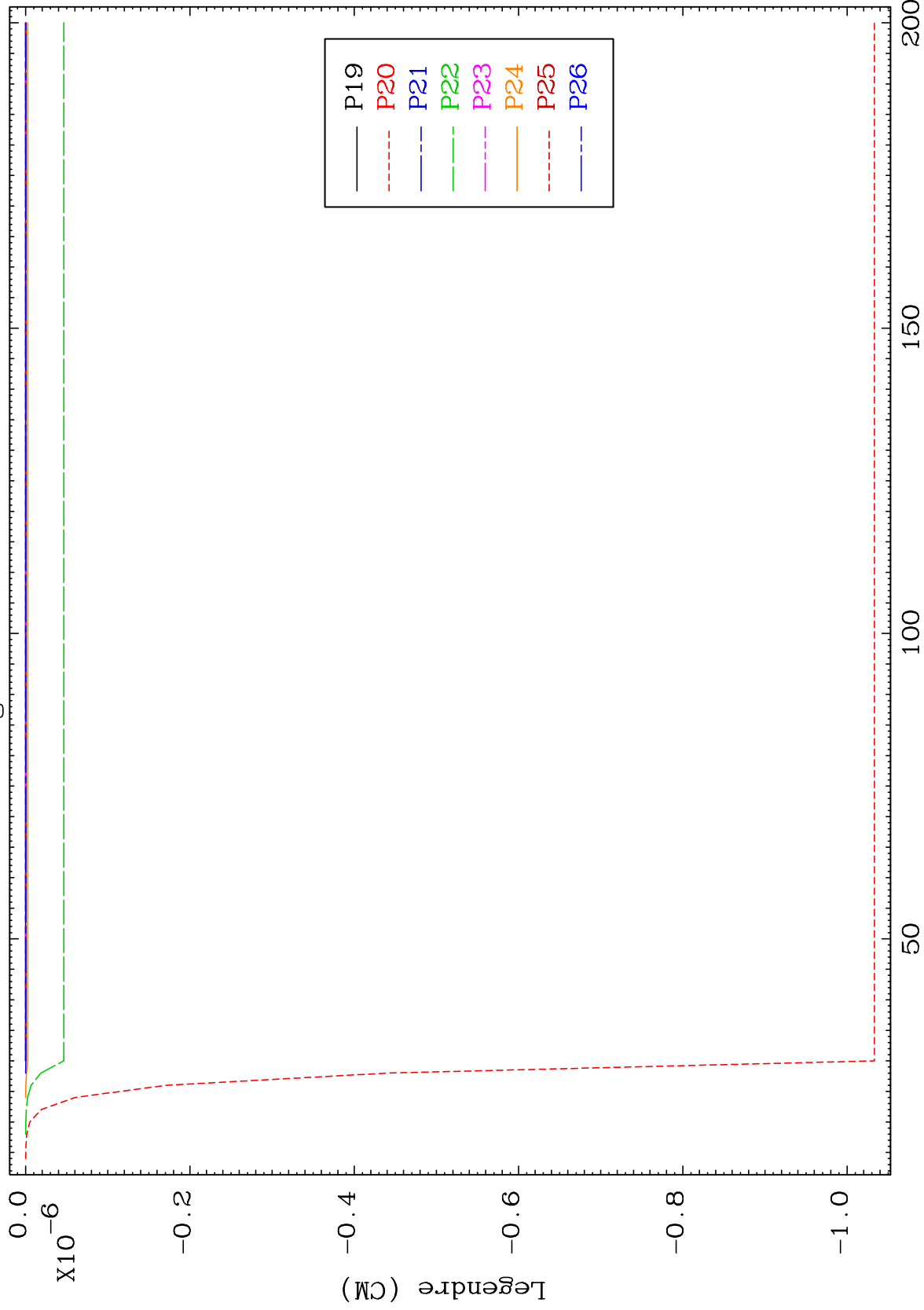
54-Xe-129



MAT 5440

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

54-Xe-129



82

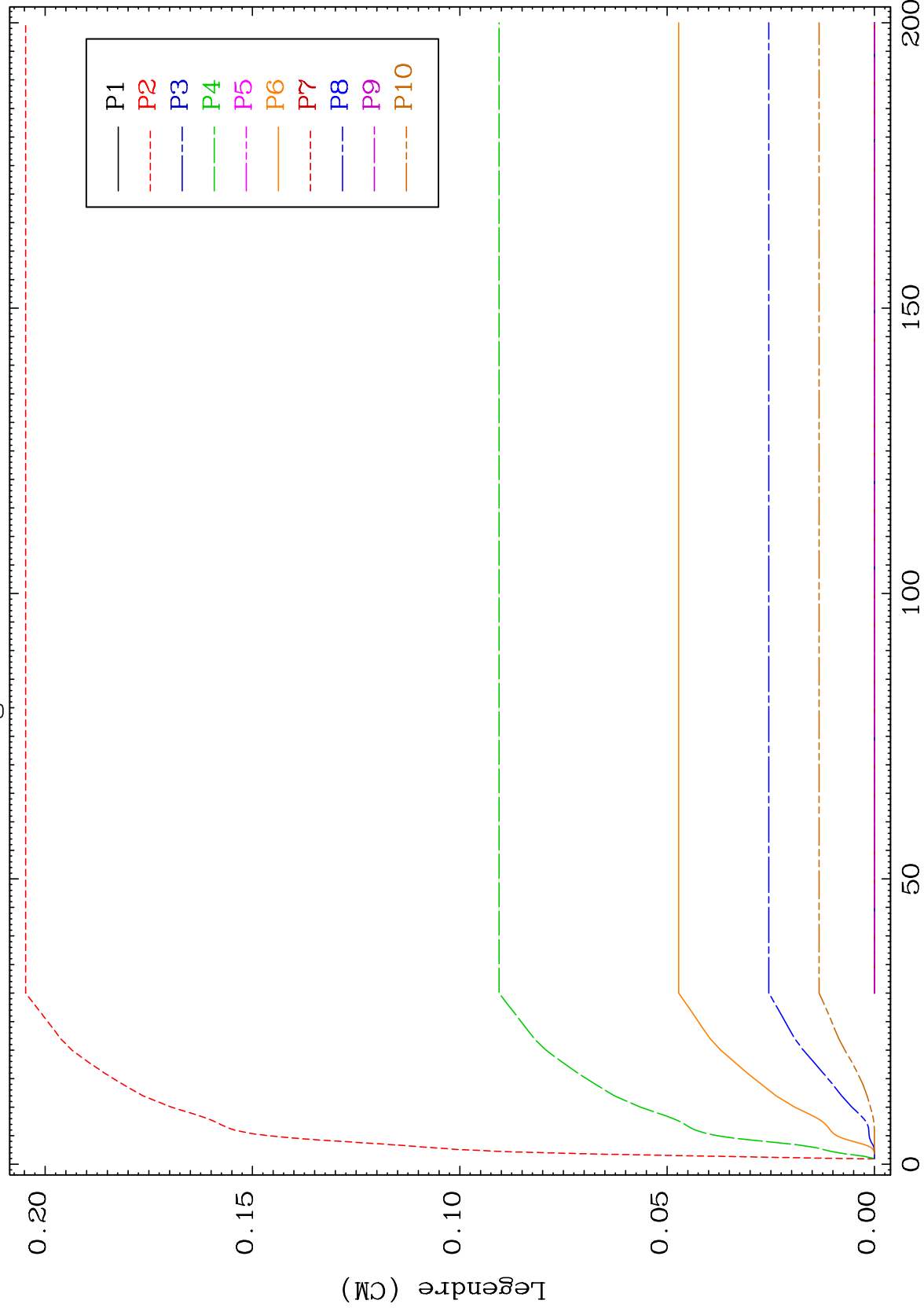
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



83

Incident Energy (MeV)

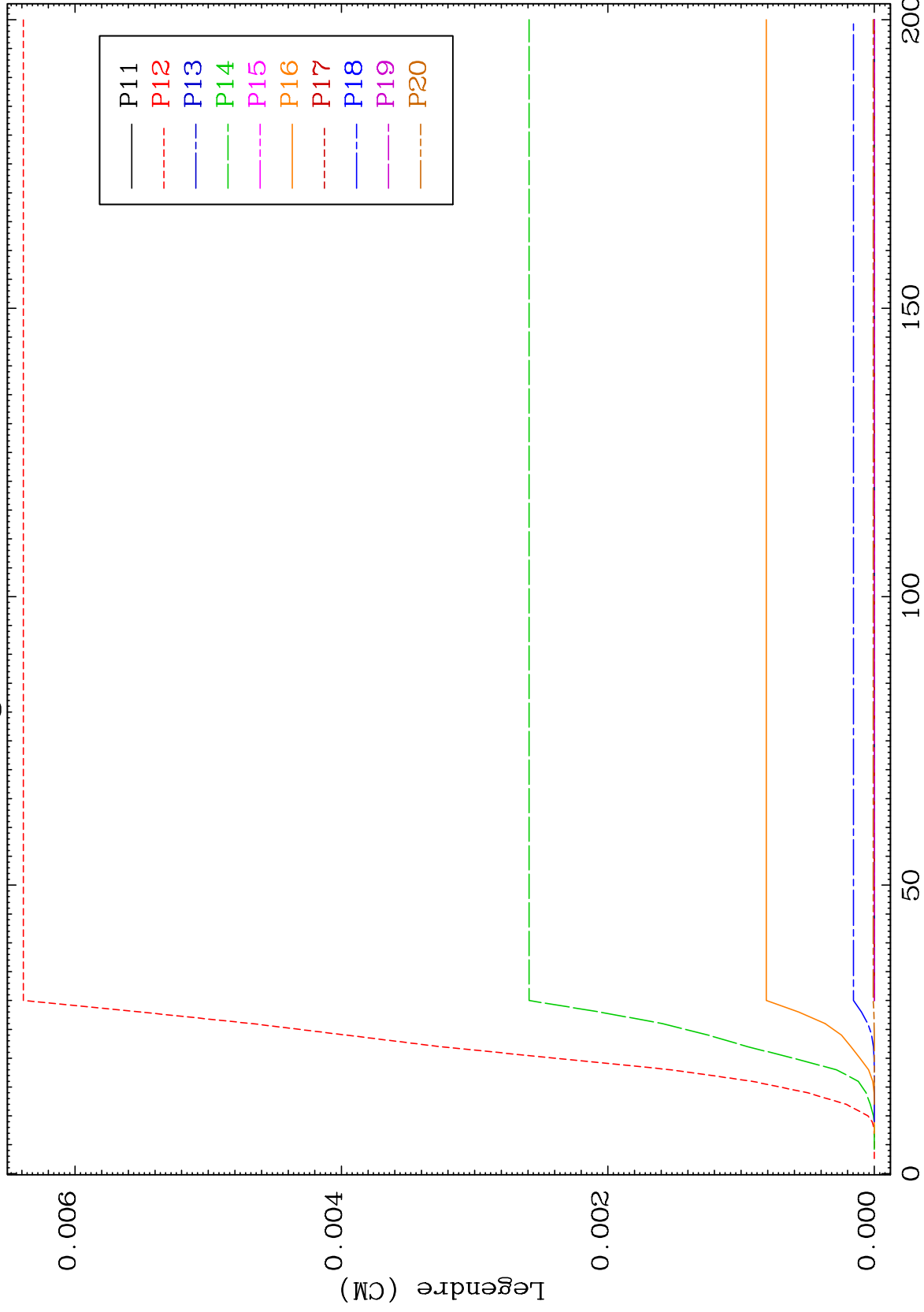
54-Xe-129

MAT 5440

MT= 72 (n,n') Level

54-Xe-129

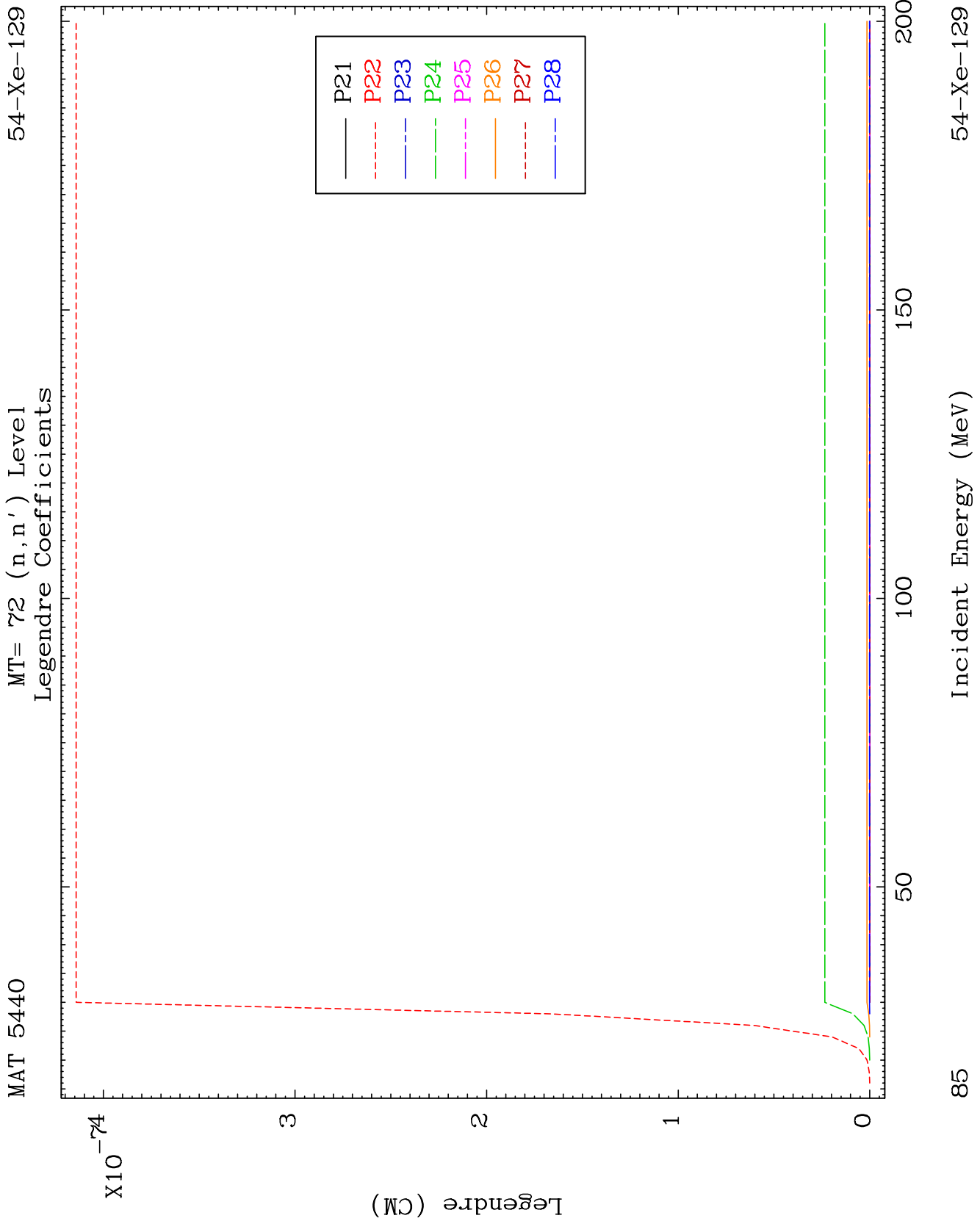
Legendre Coefficients



84

Incident Energy (MeV)

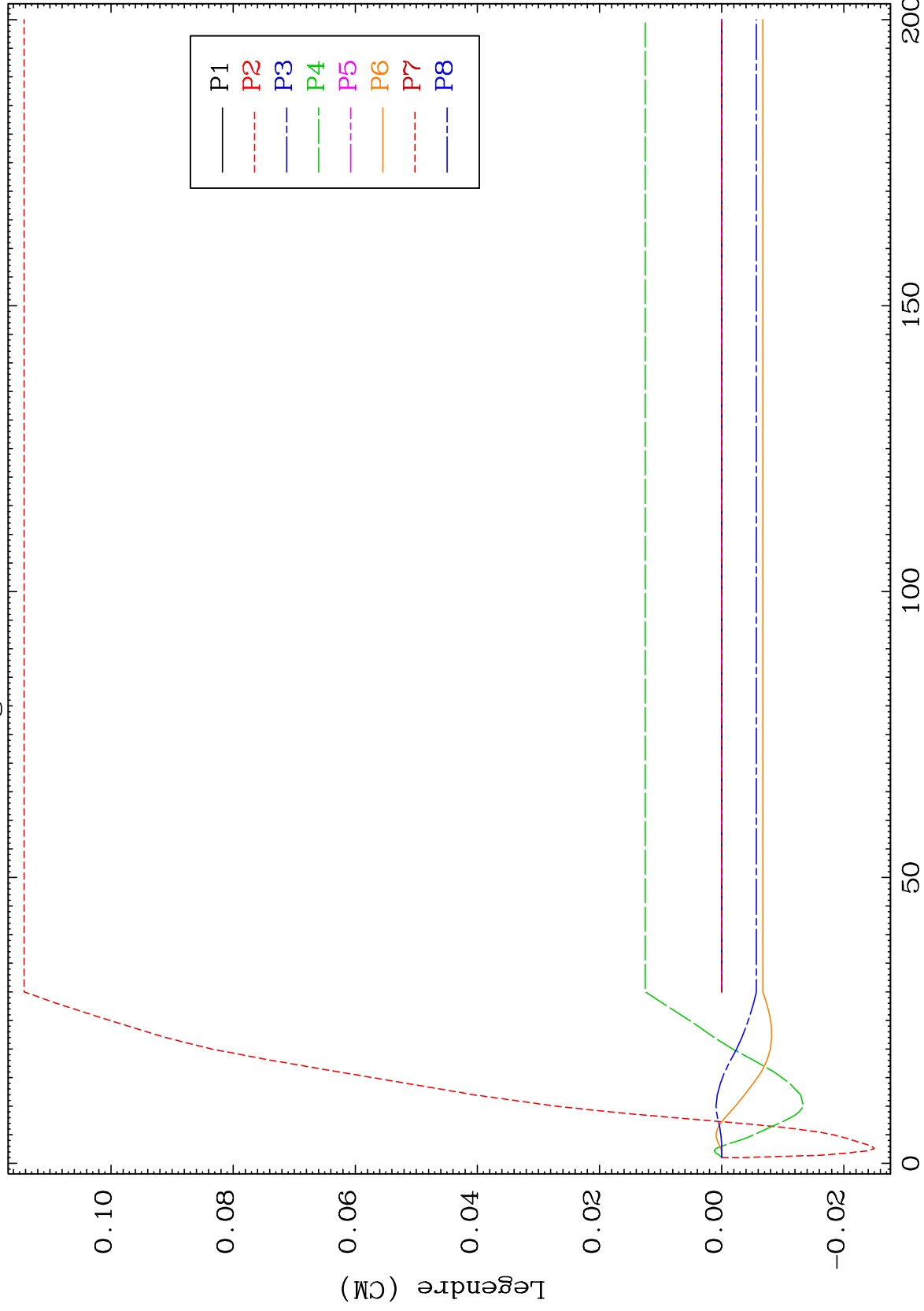
54-Xe-129



MAT 5440

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

54-Xe-129



54-Xe-129

Incident Energy (MeV)

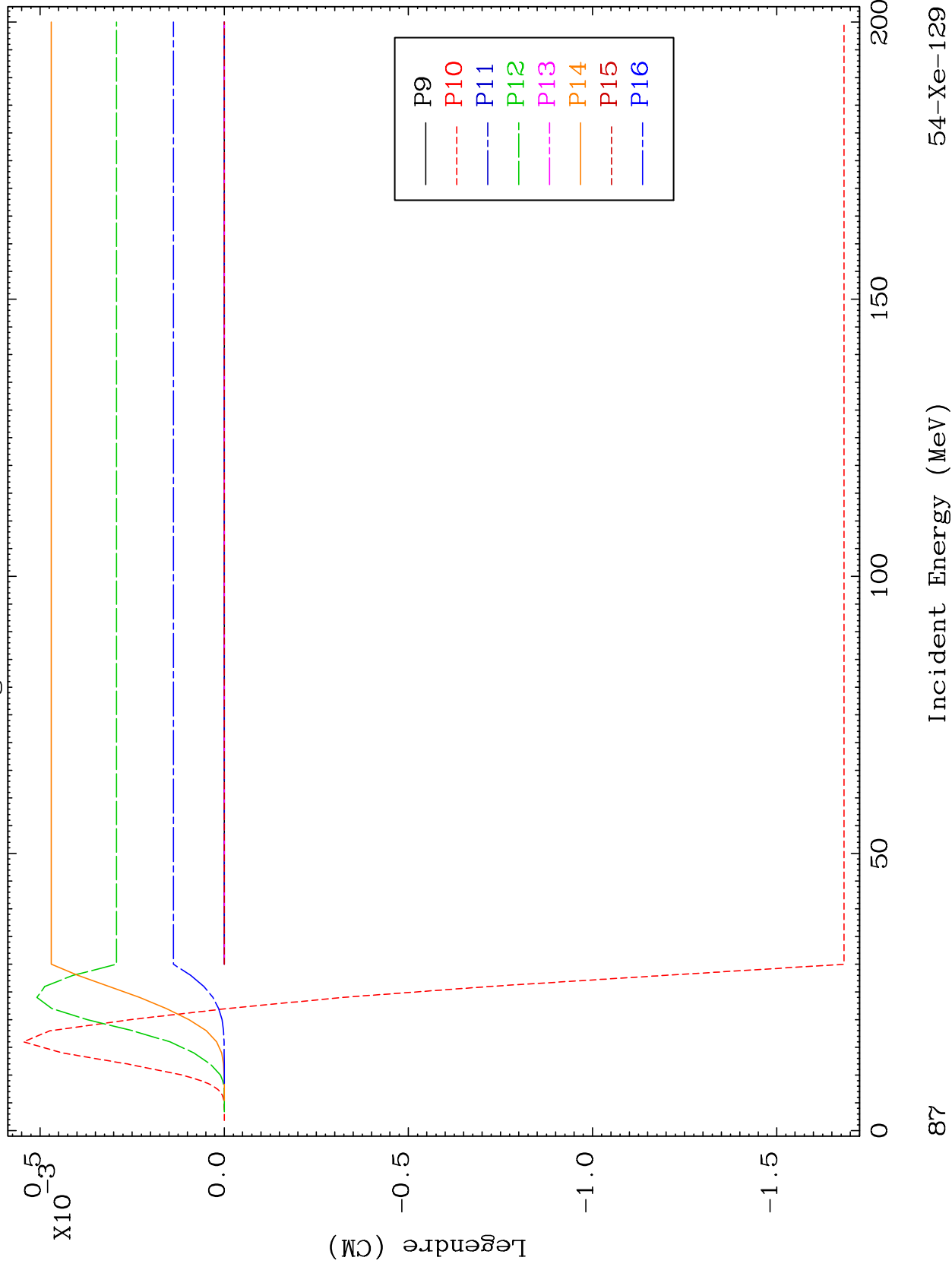
86

MAT 5440

MT= 73 (n,n') Level

54-Xe-129

Legendre Coefficients



87

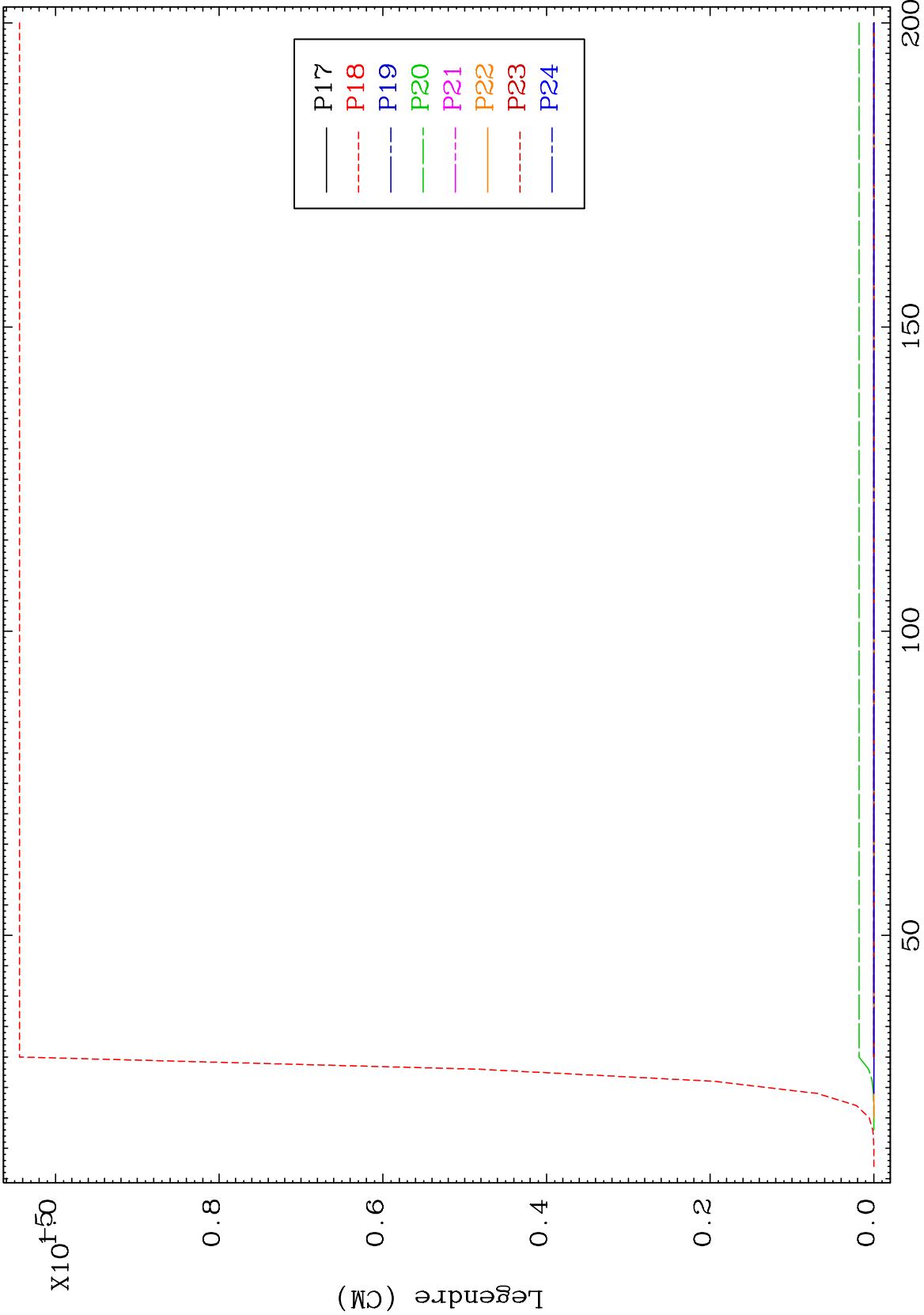
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

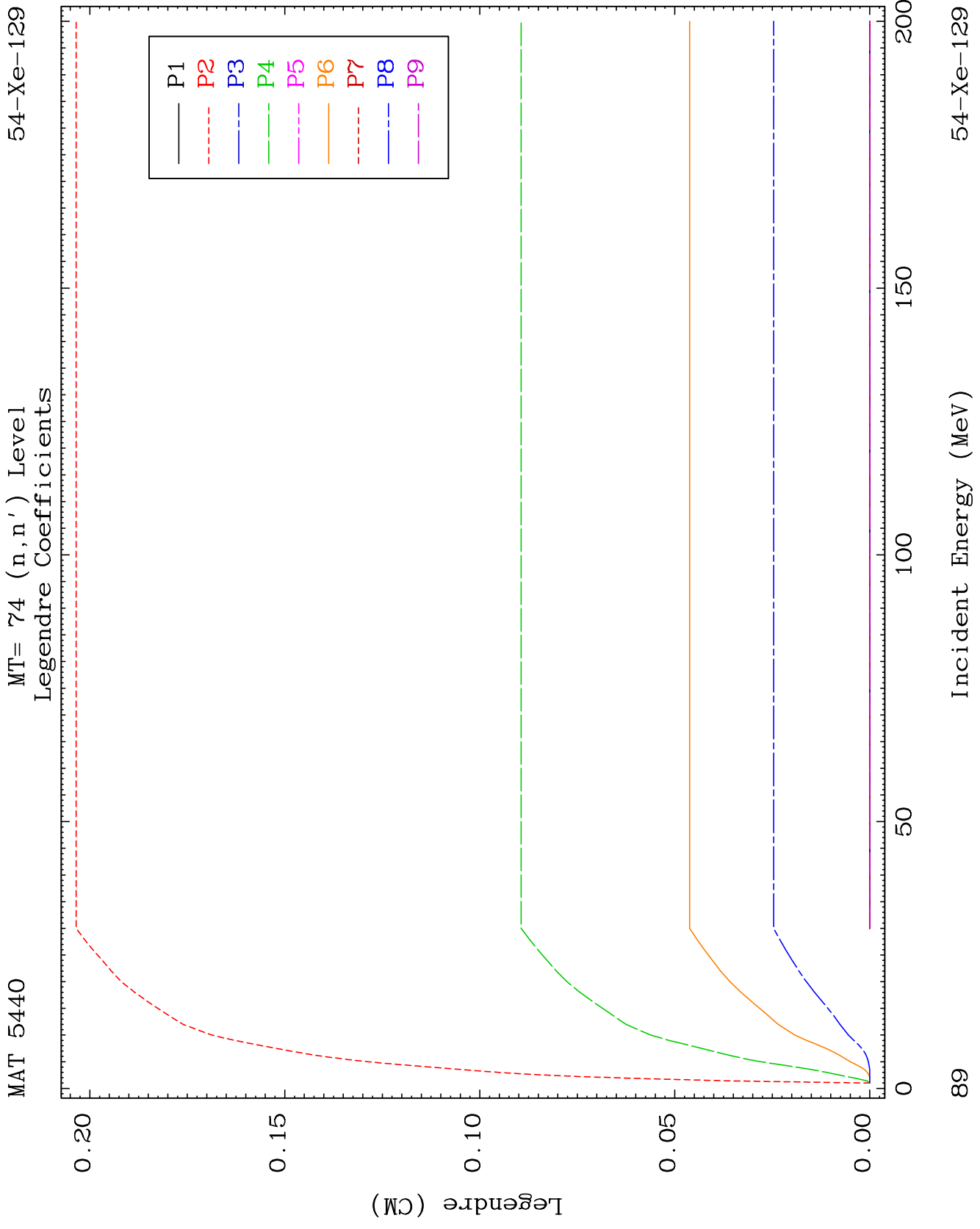
54-Xe-129



54-Xe-129

Incident Energy (MeV)

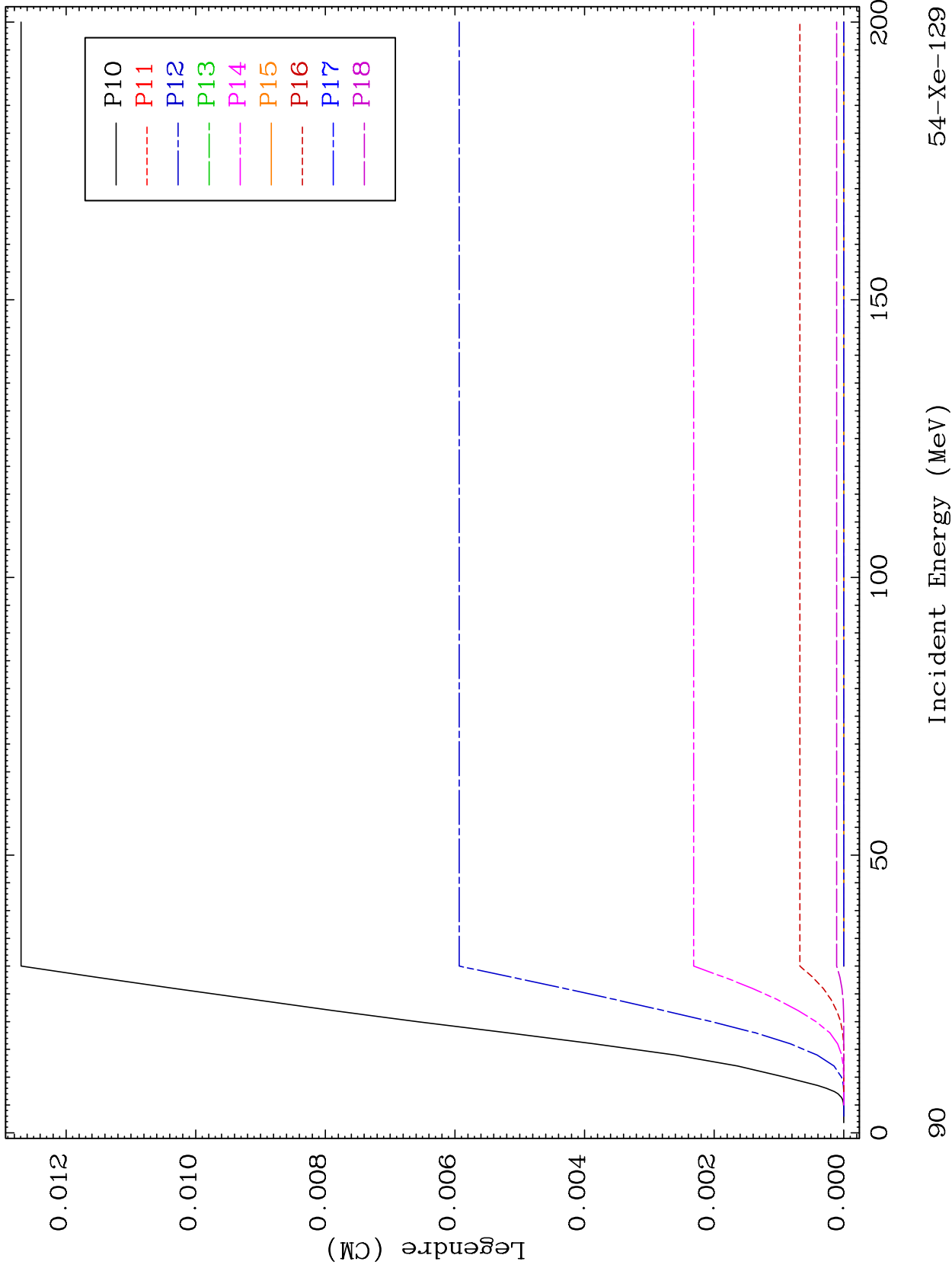
88

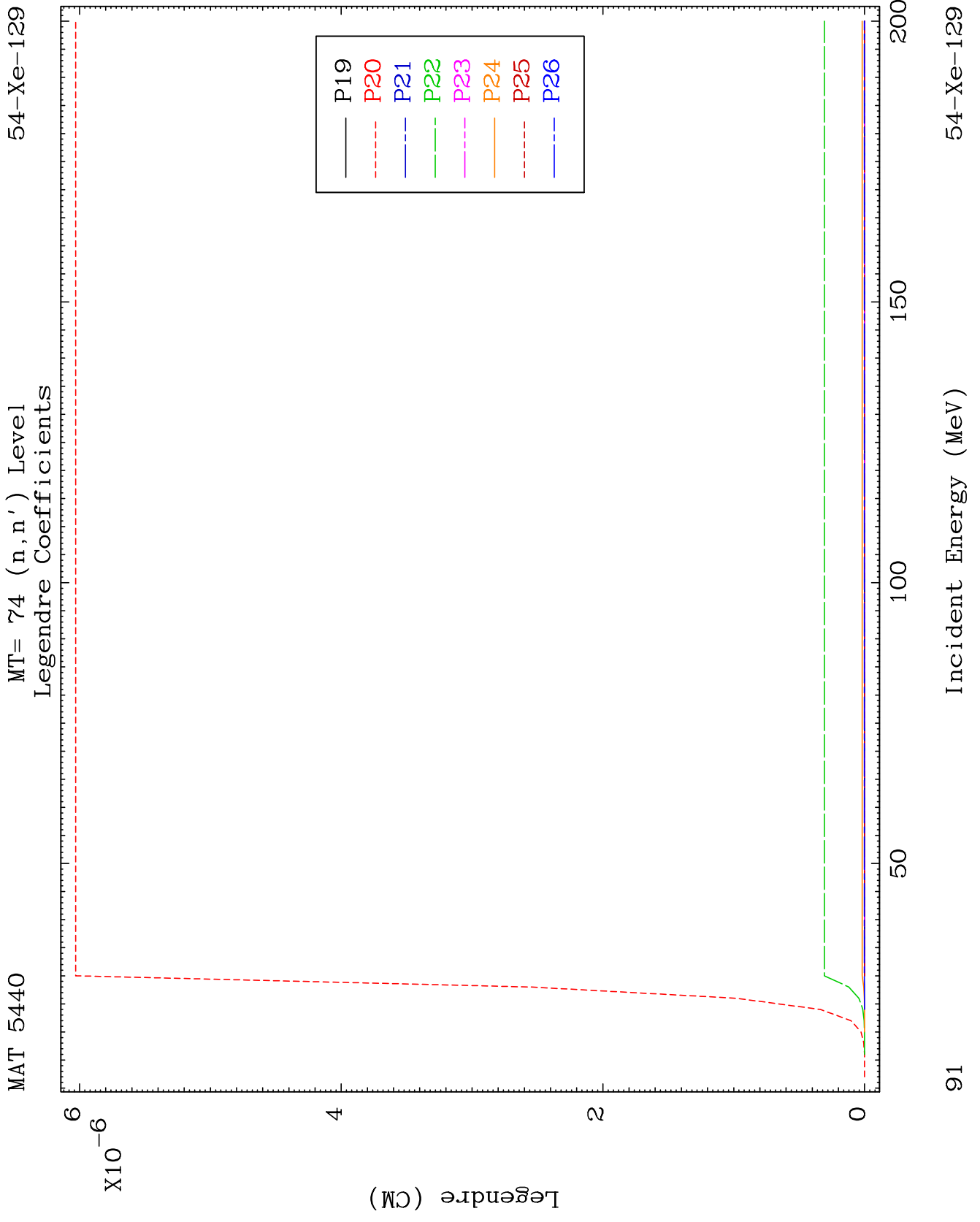


MAT 5440

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

54-Xe-129

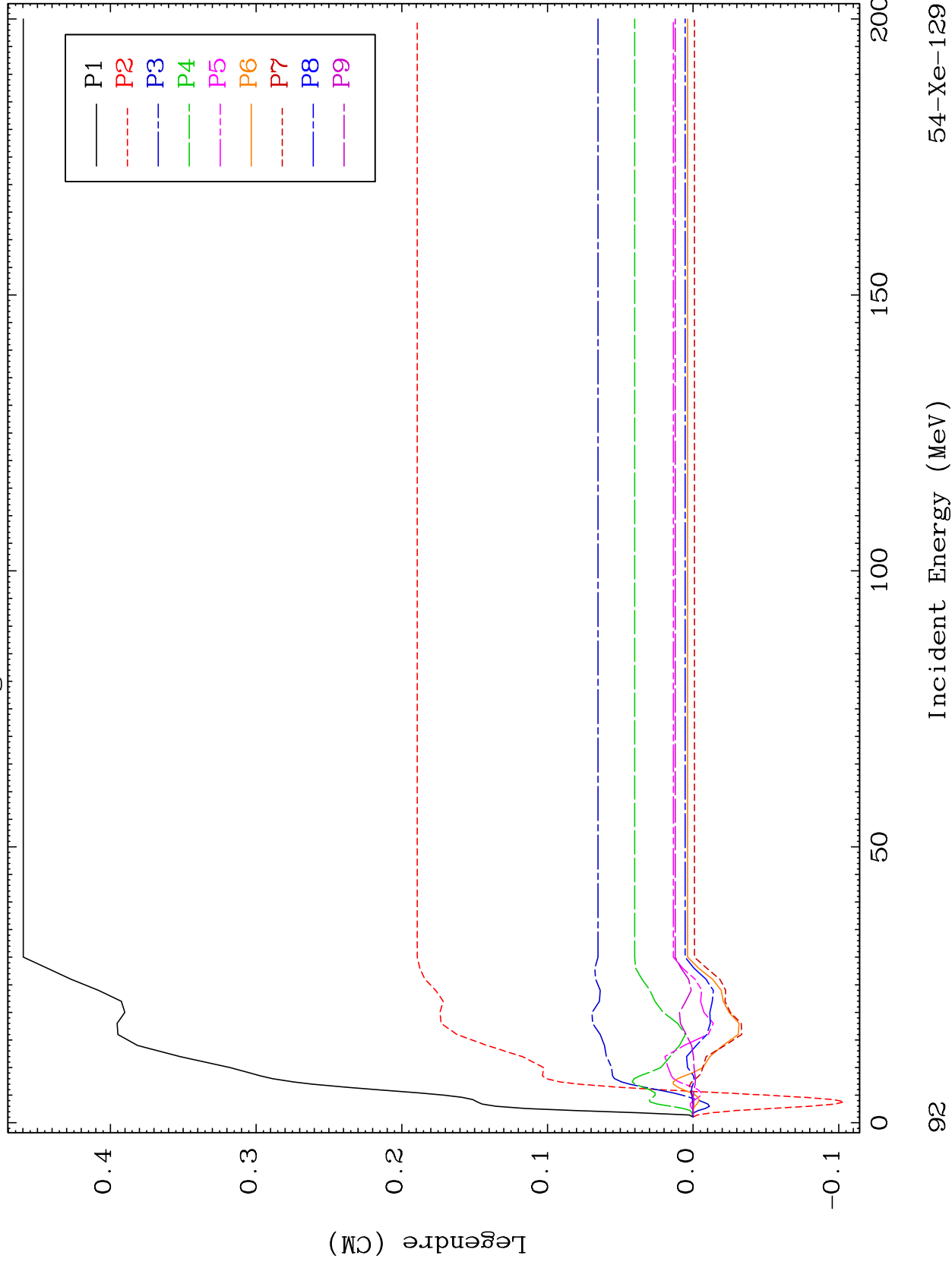




MAT 5440

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

54-Xe-129



54-Xe-129

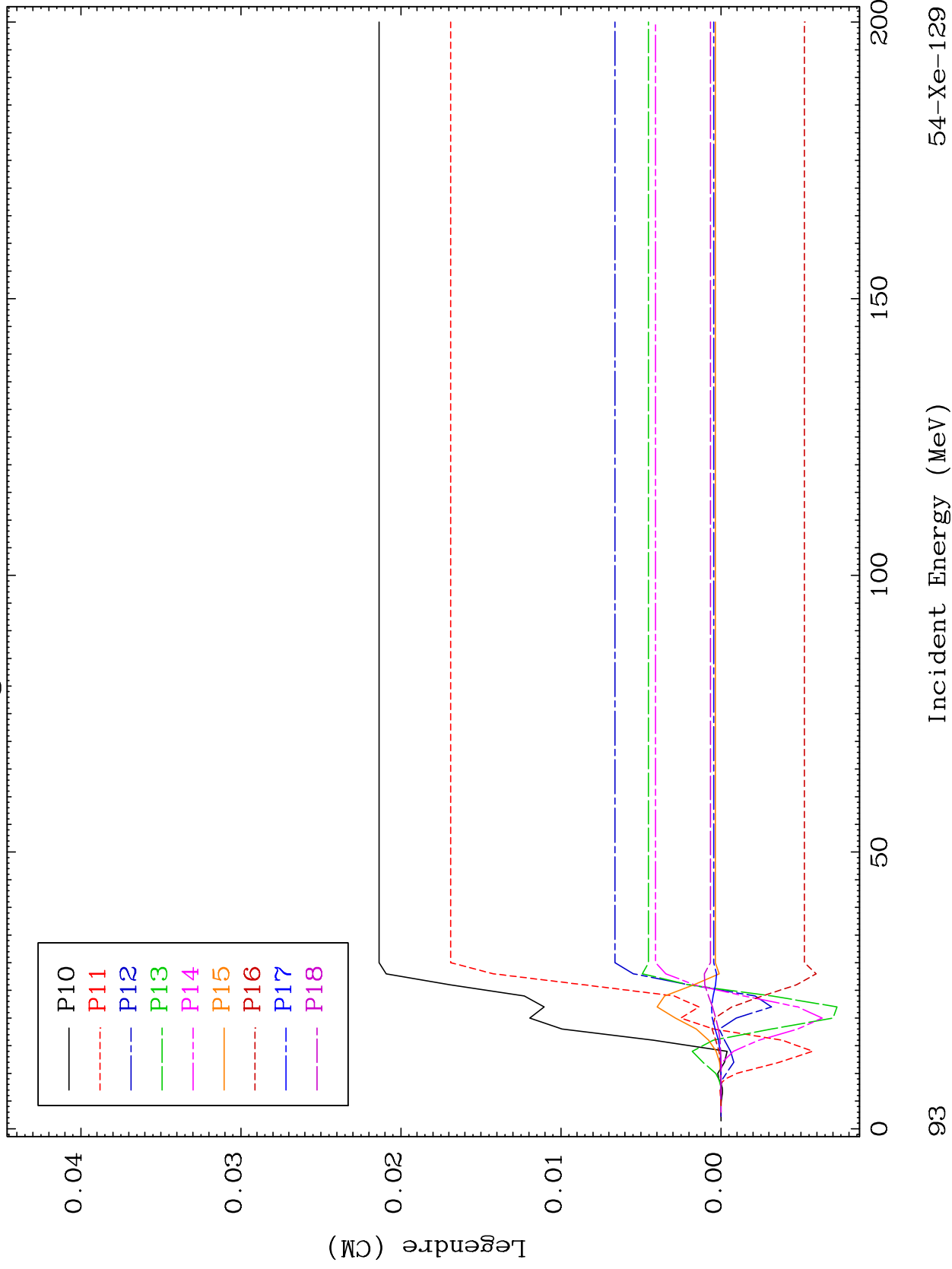
Incident Energy (MeV)

92

MAT 5440

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

54-Xe-129



93

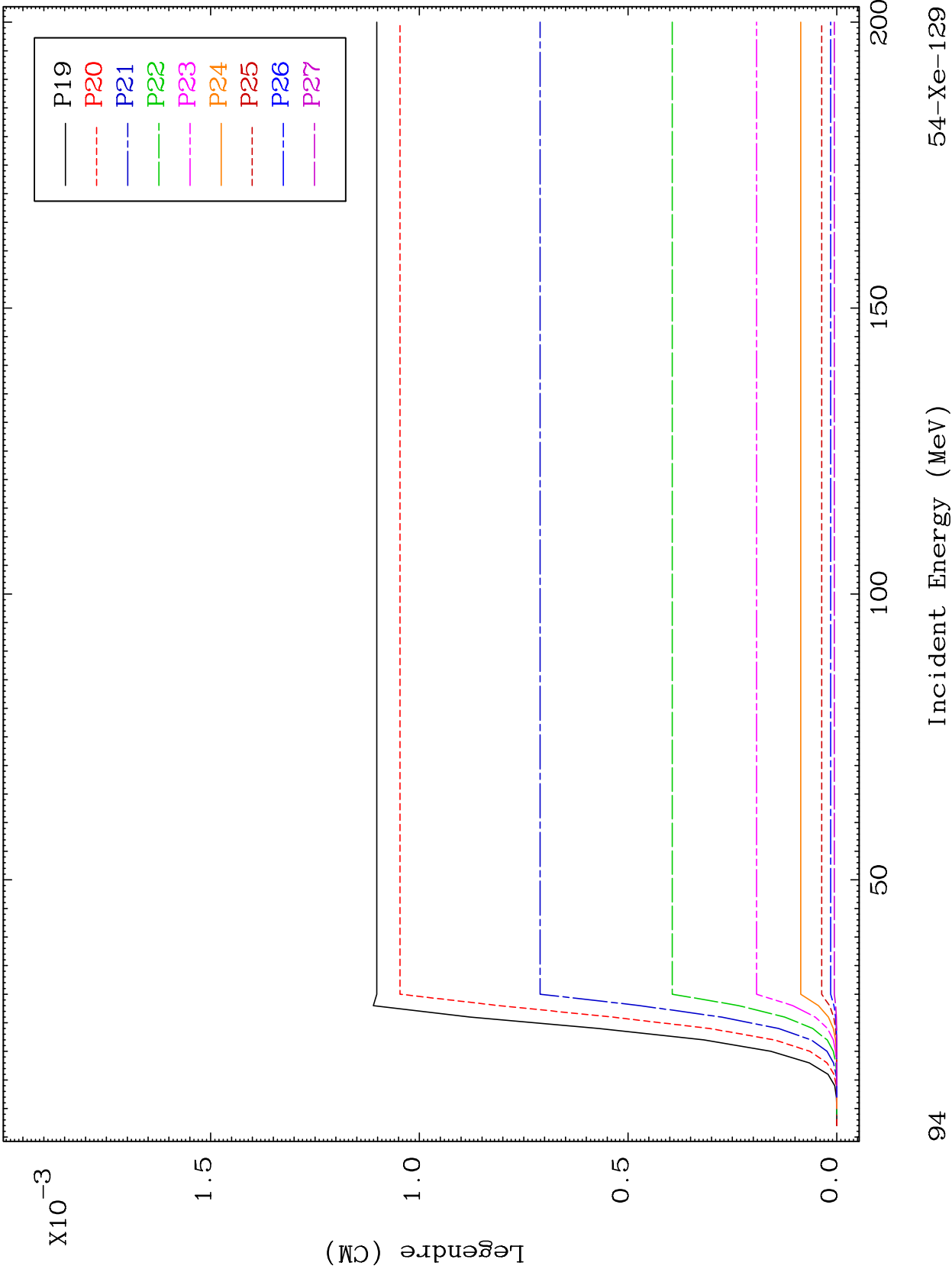
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



94

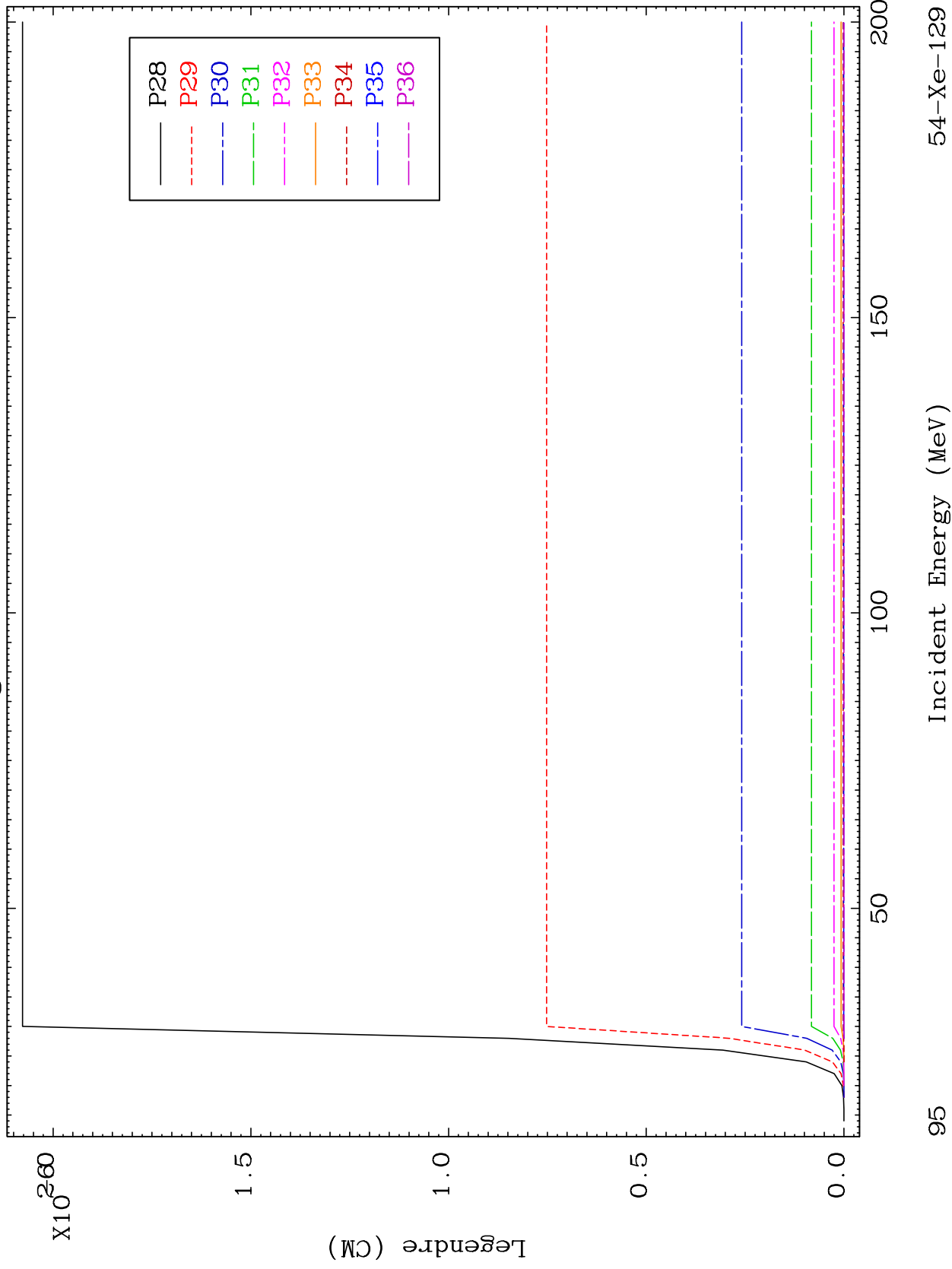
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

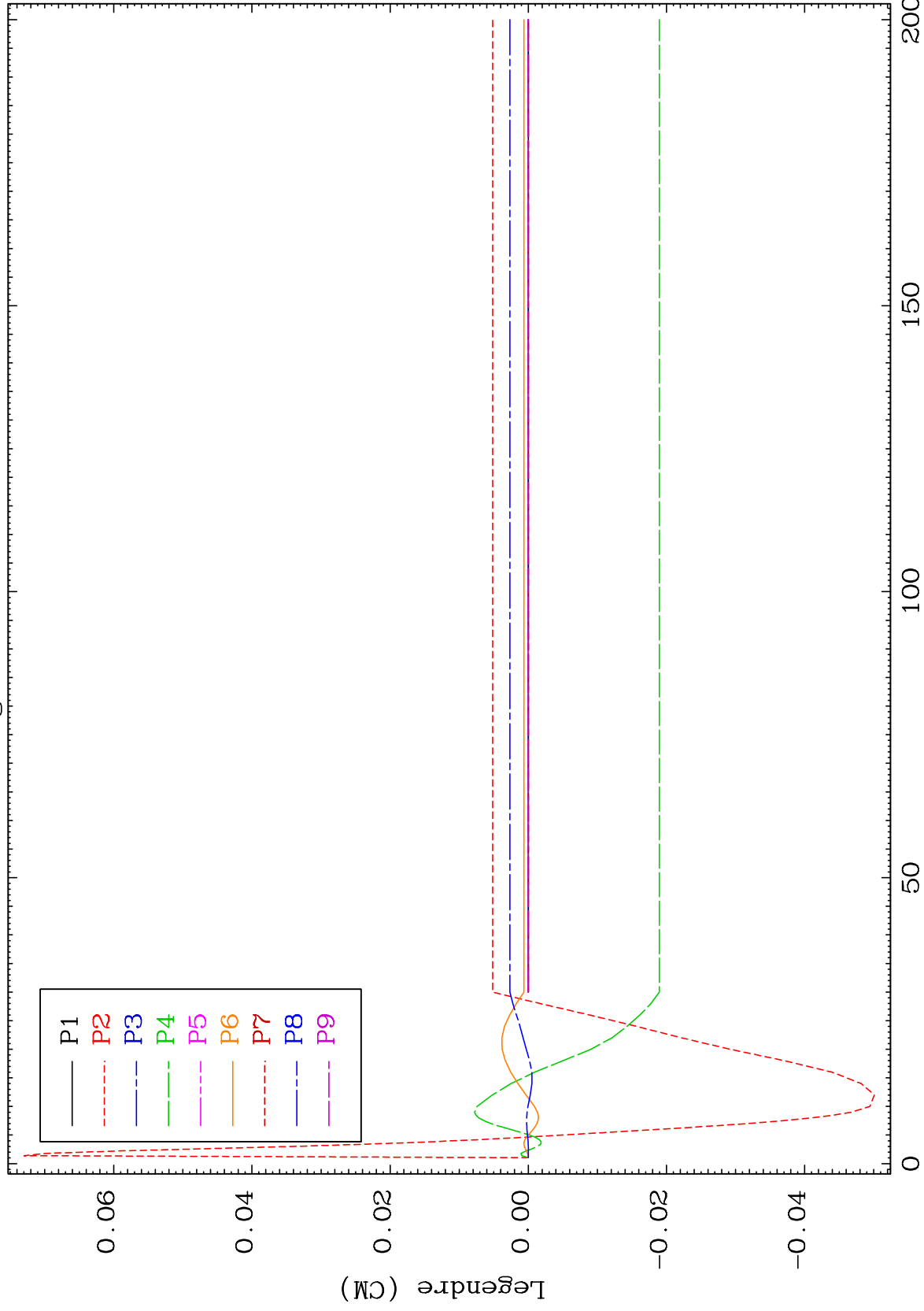
54-Xe-129



MAT 5440

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

54-Xe-129



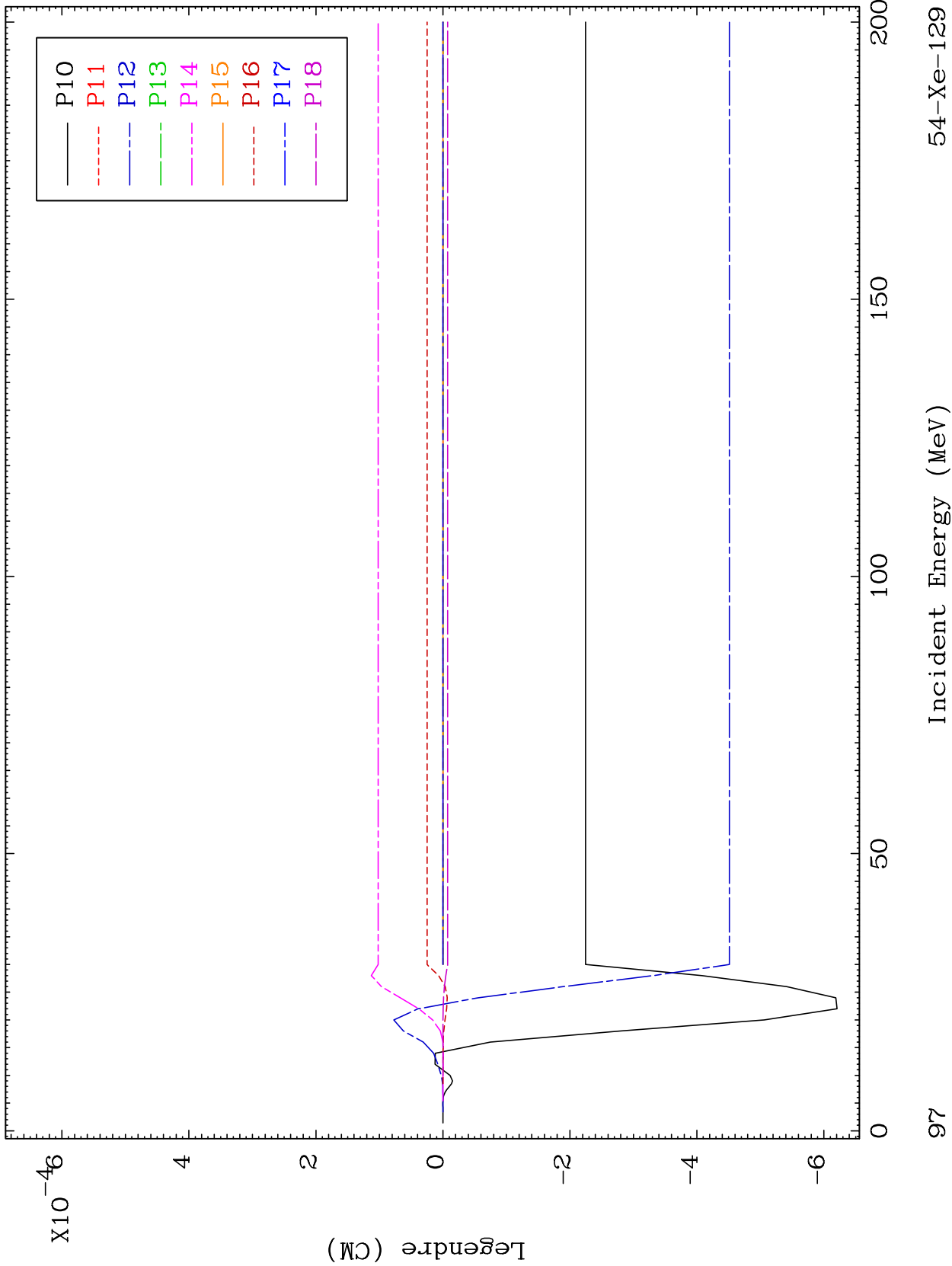
96

54-Xe-129

MAT 5440

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

54-Xe-129



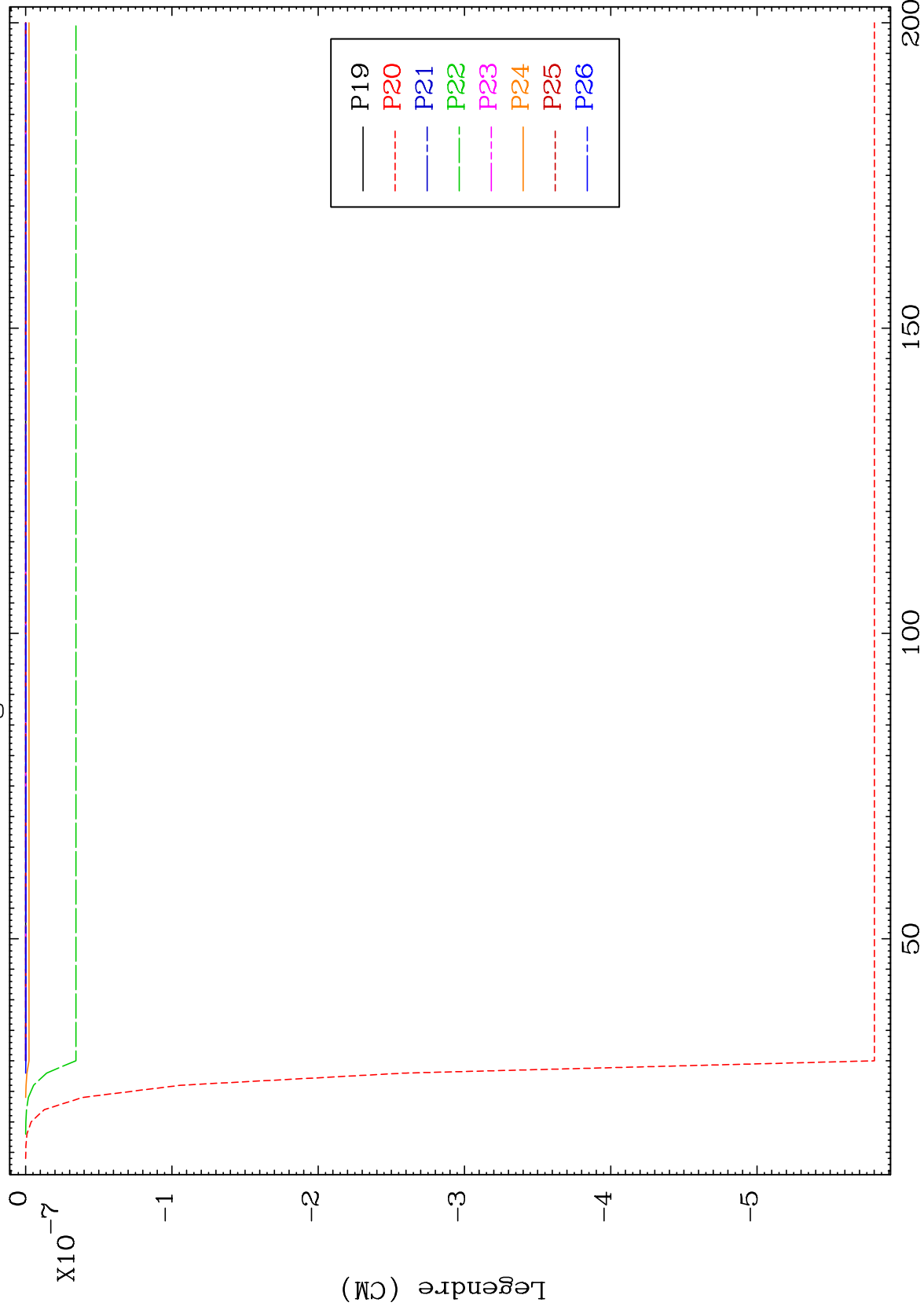
97

54-Xe-129

MAT 5440

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

54-Xe-129



98

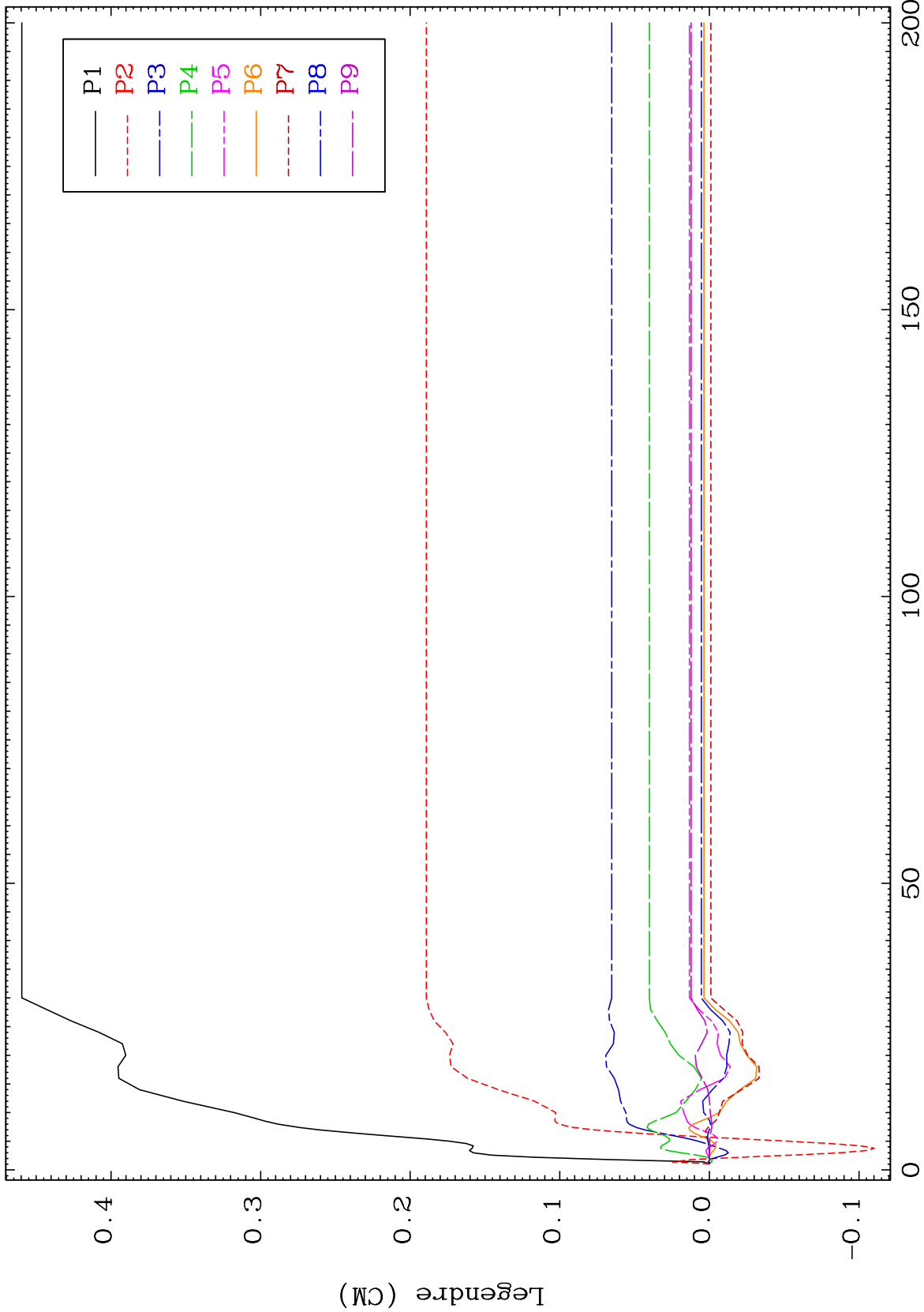
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



99

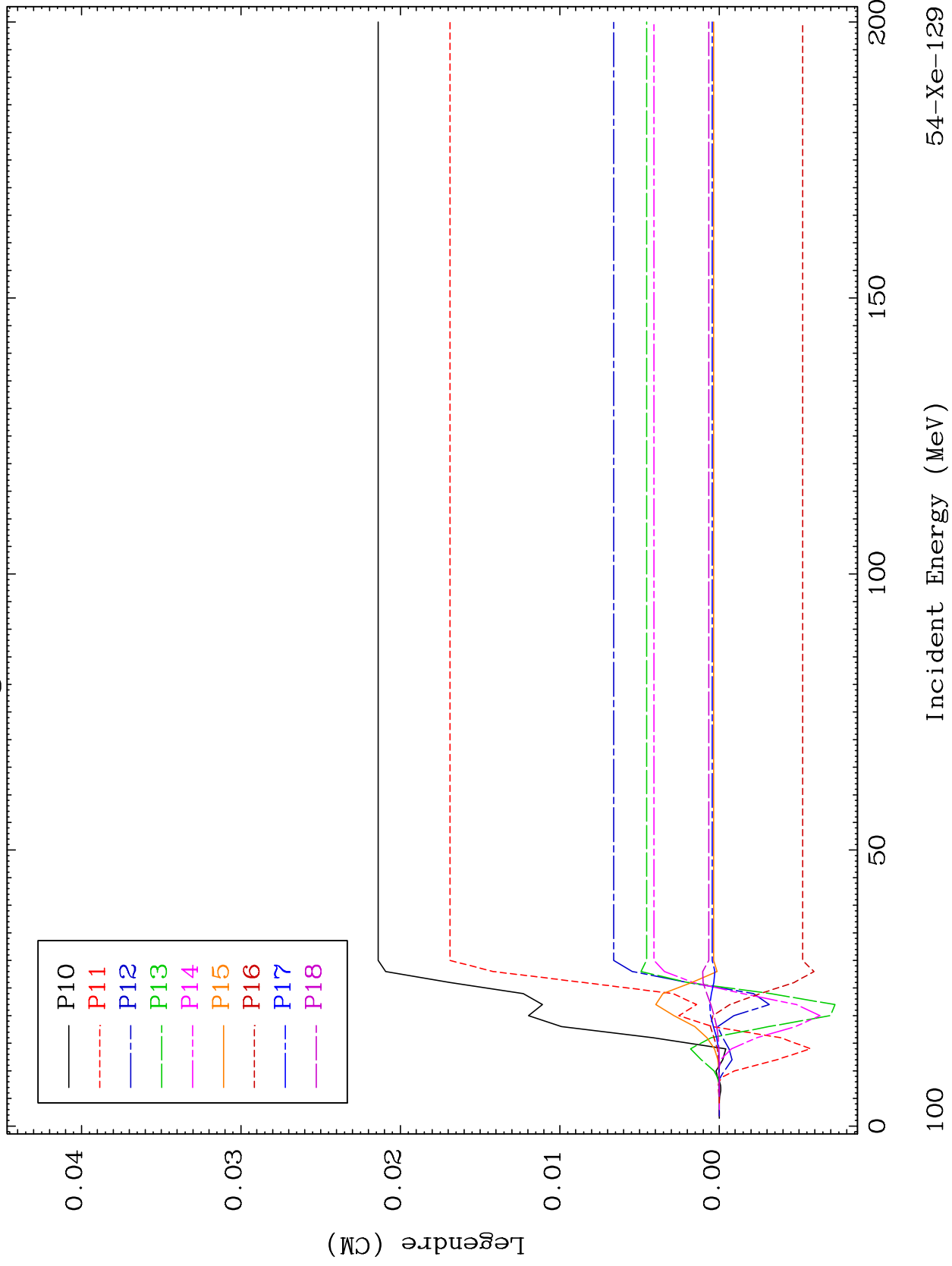
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



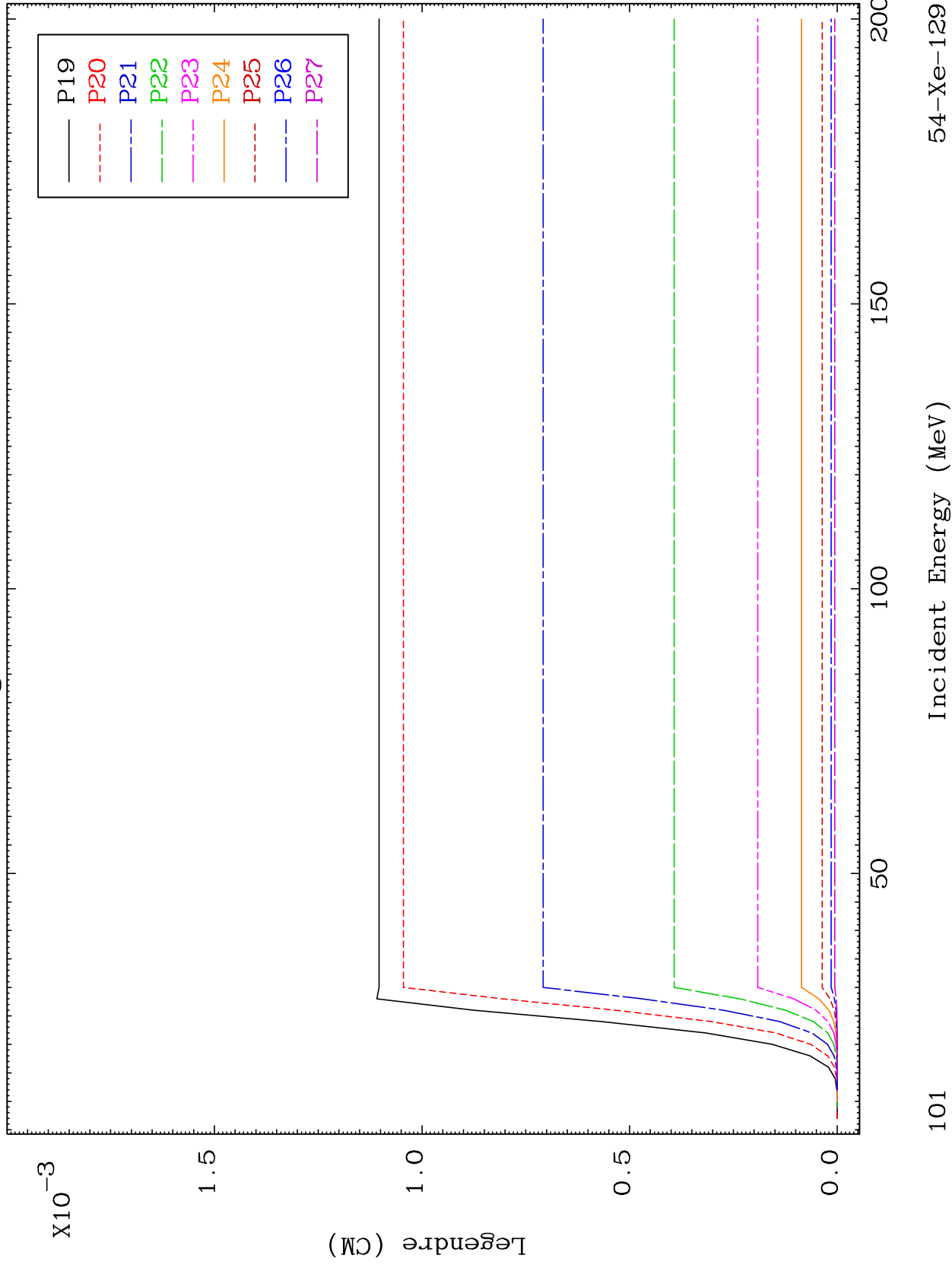
54-Xe-129

Incident Energy (MeV)

MAT 5440

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

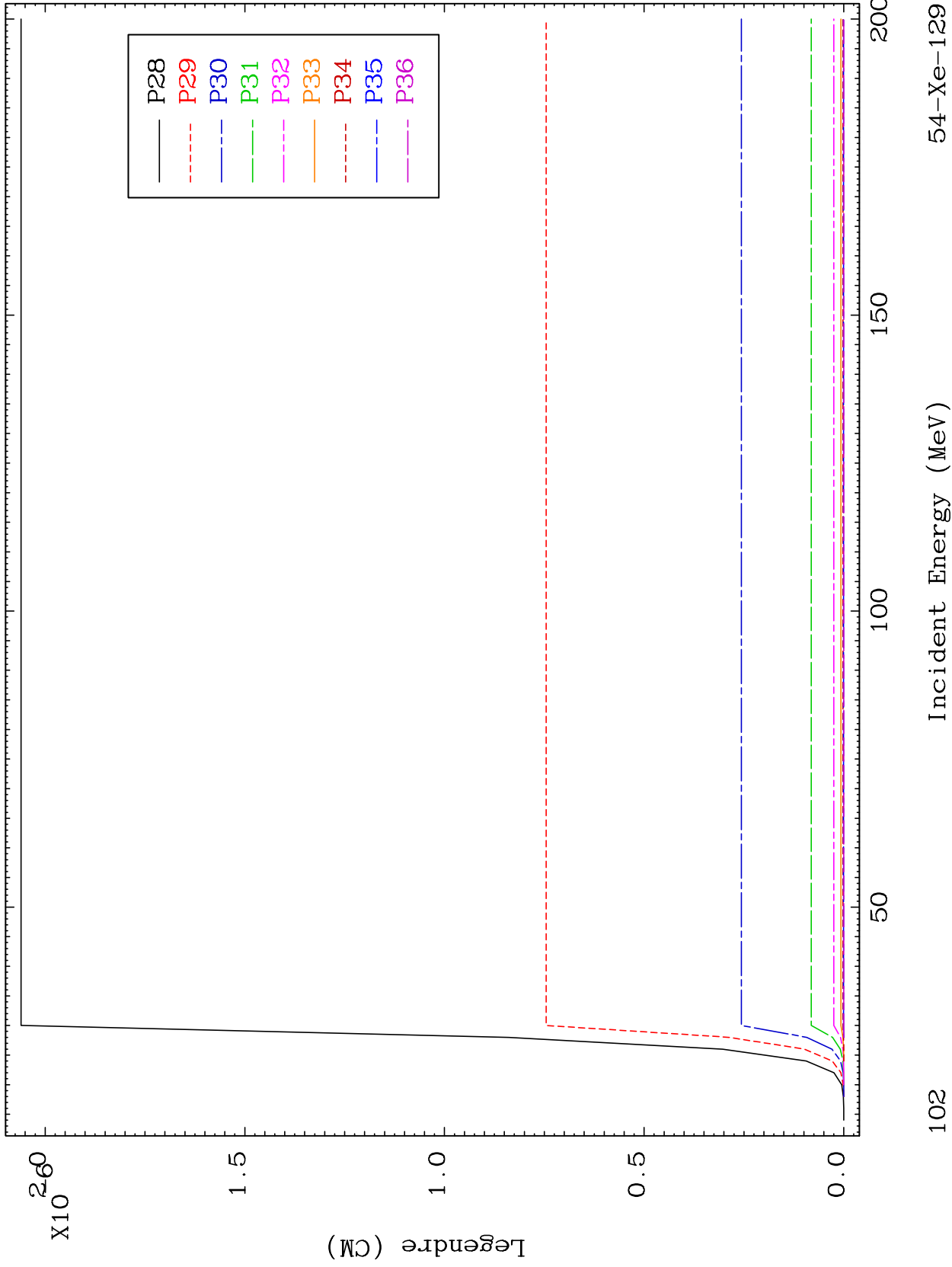
54-Xe-129



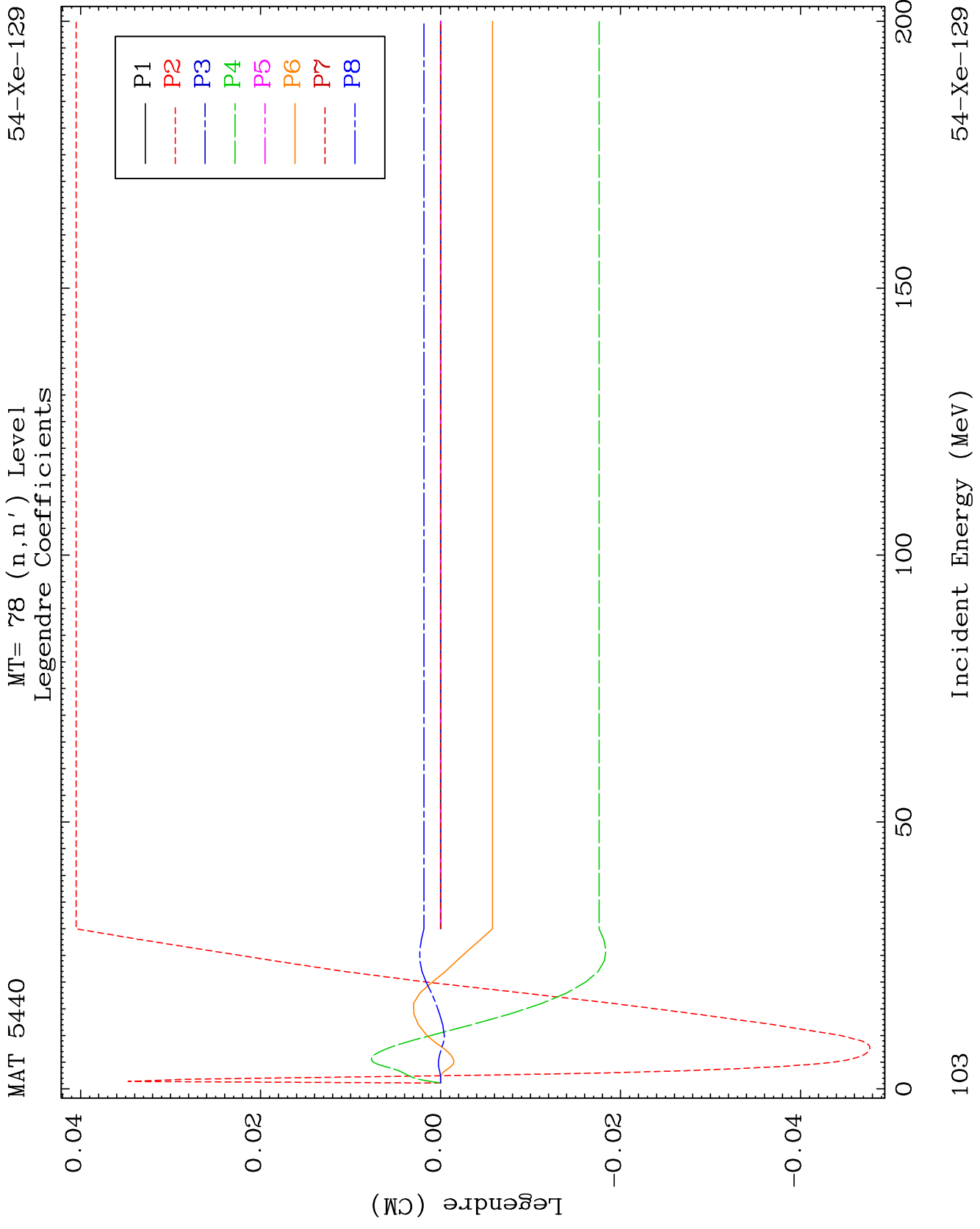
MAT 5440

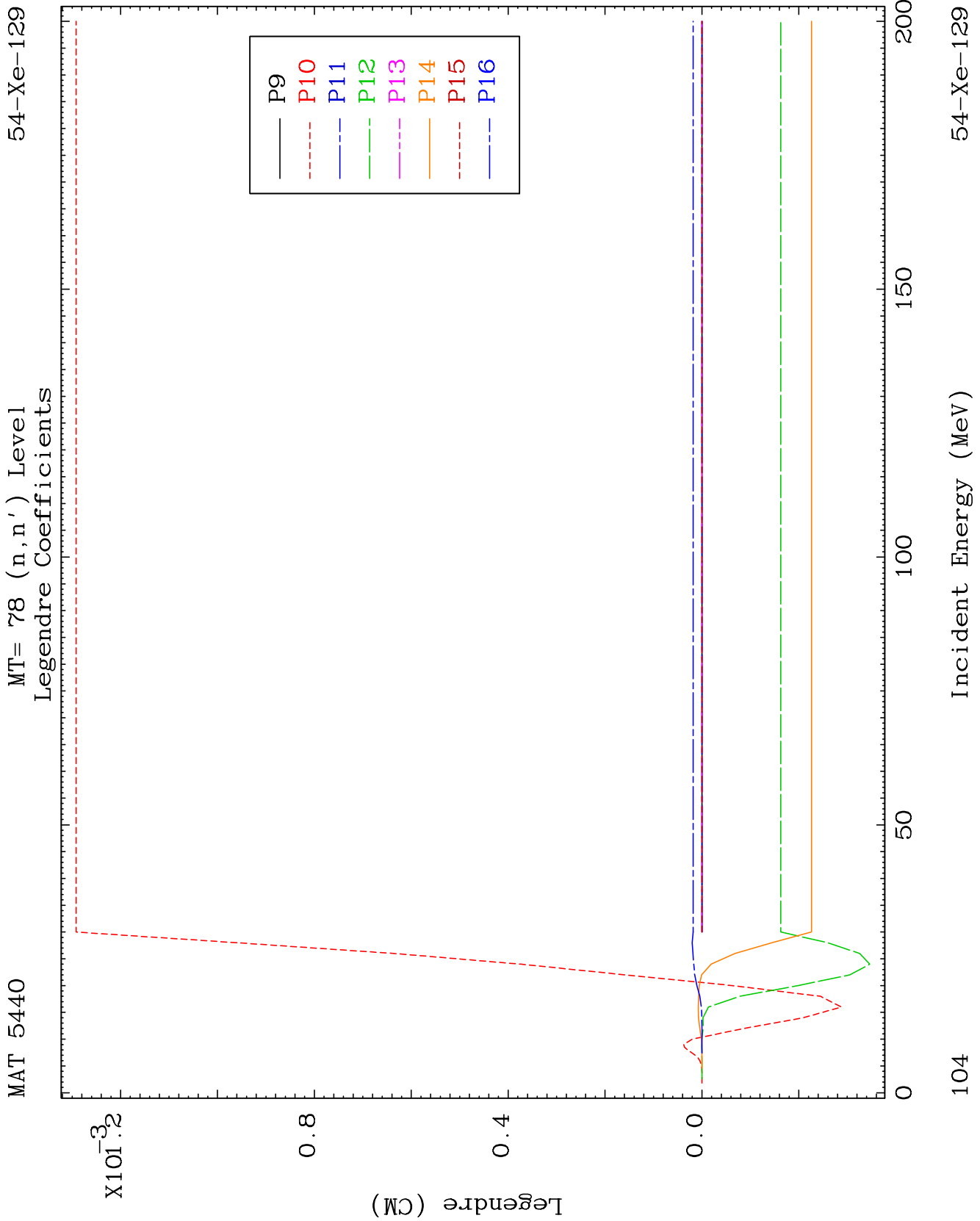
MT= 77 (n,n') Level
Legendre Coefficients

54-Xe-129



102

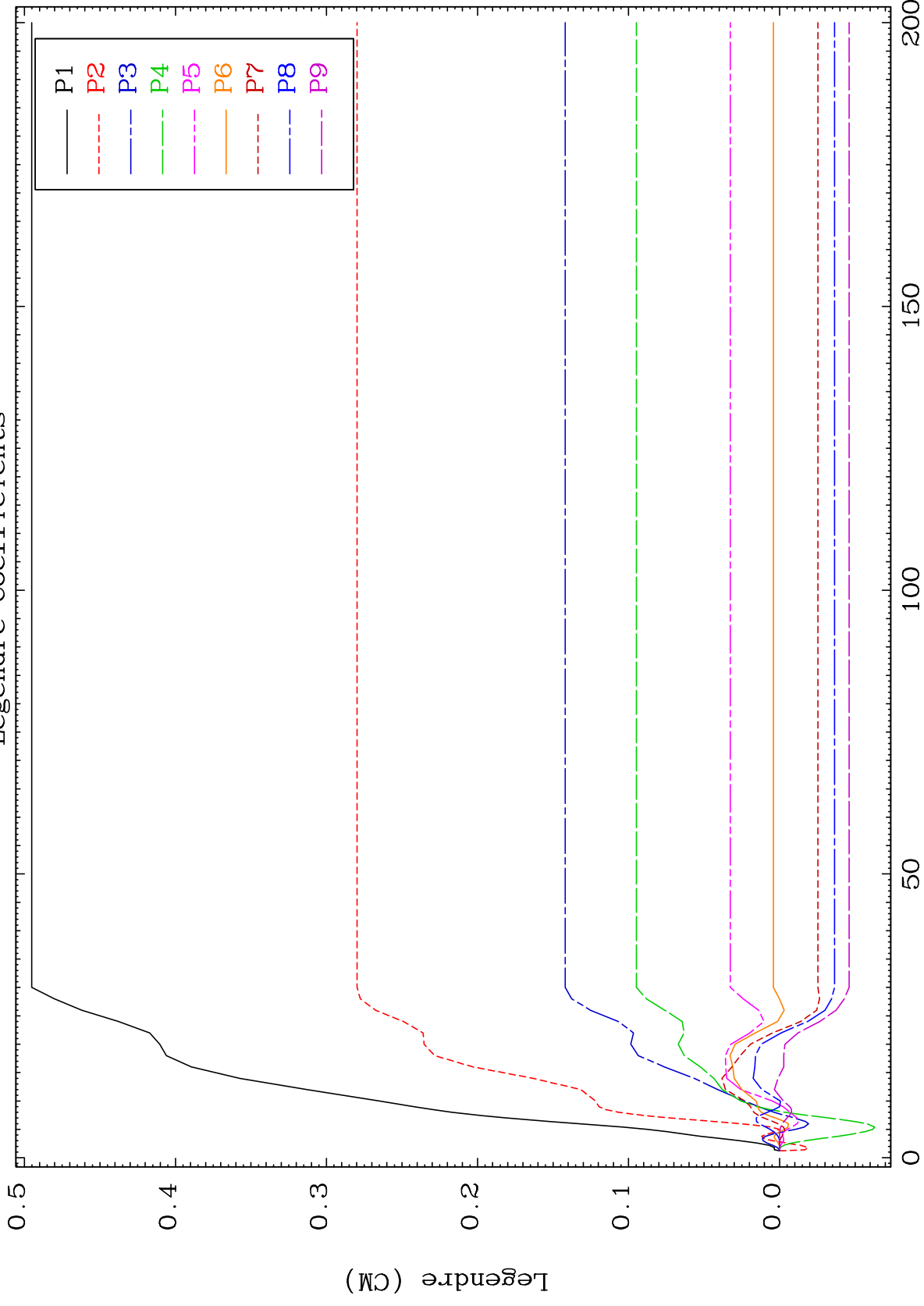




MAT 5440

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

54-Xe-129



54-Xe-129

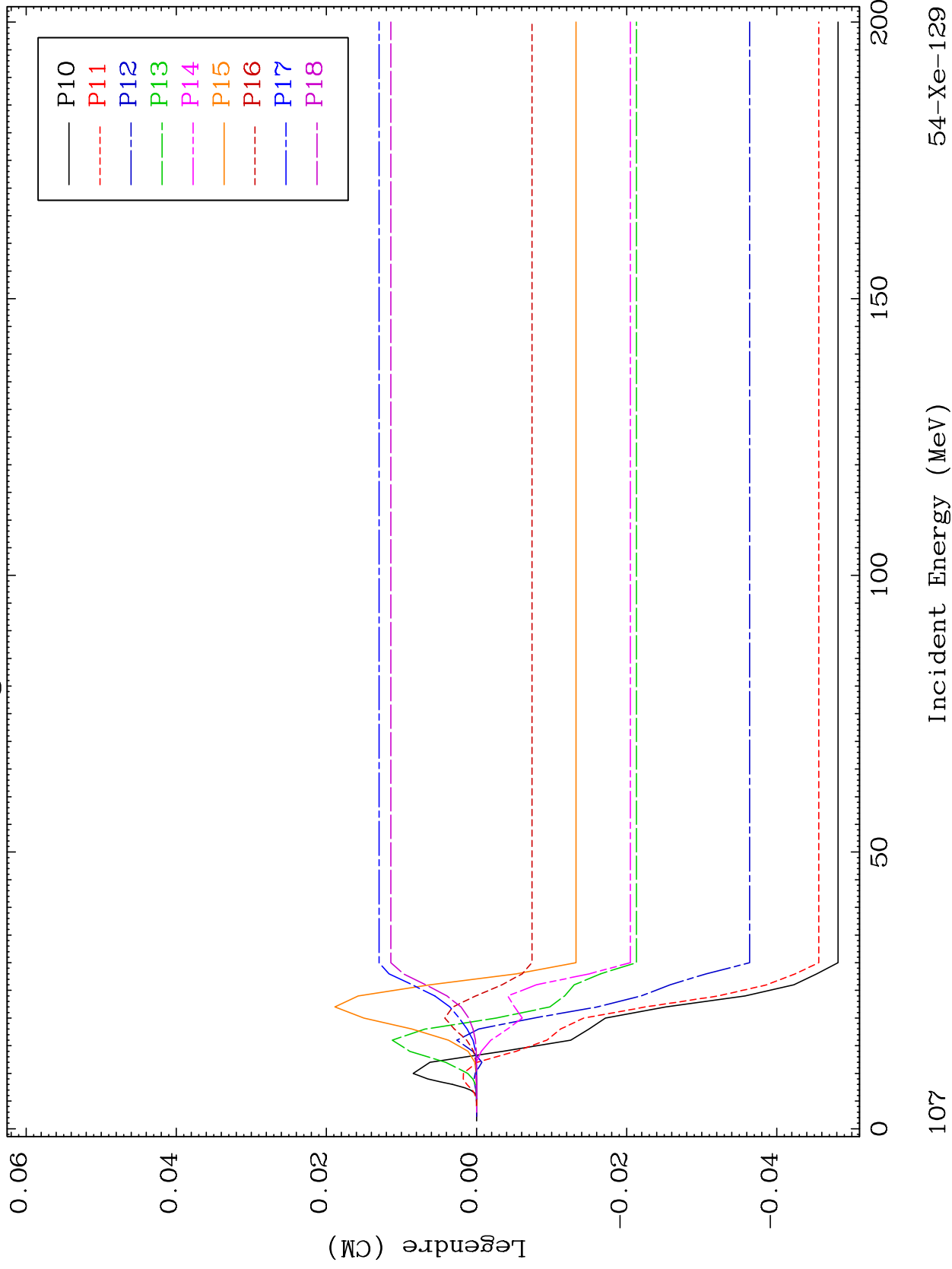
Incident Energy (MeV)

106

MAT 5440

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

54-Xe-129



54-Xe-129

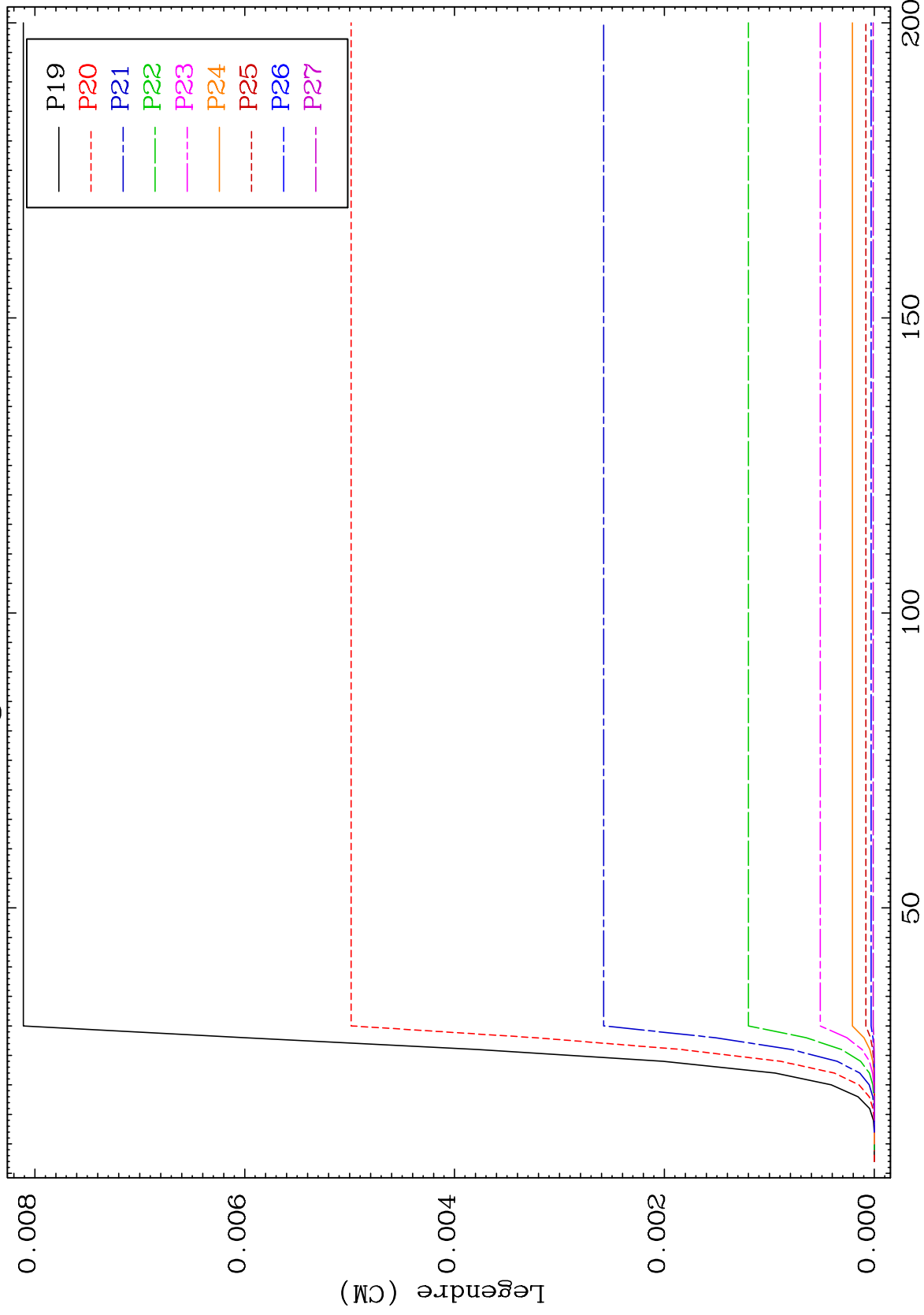
Incident Energy (MeV)

107

MAT 5440

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

54-Xe-129



108

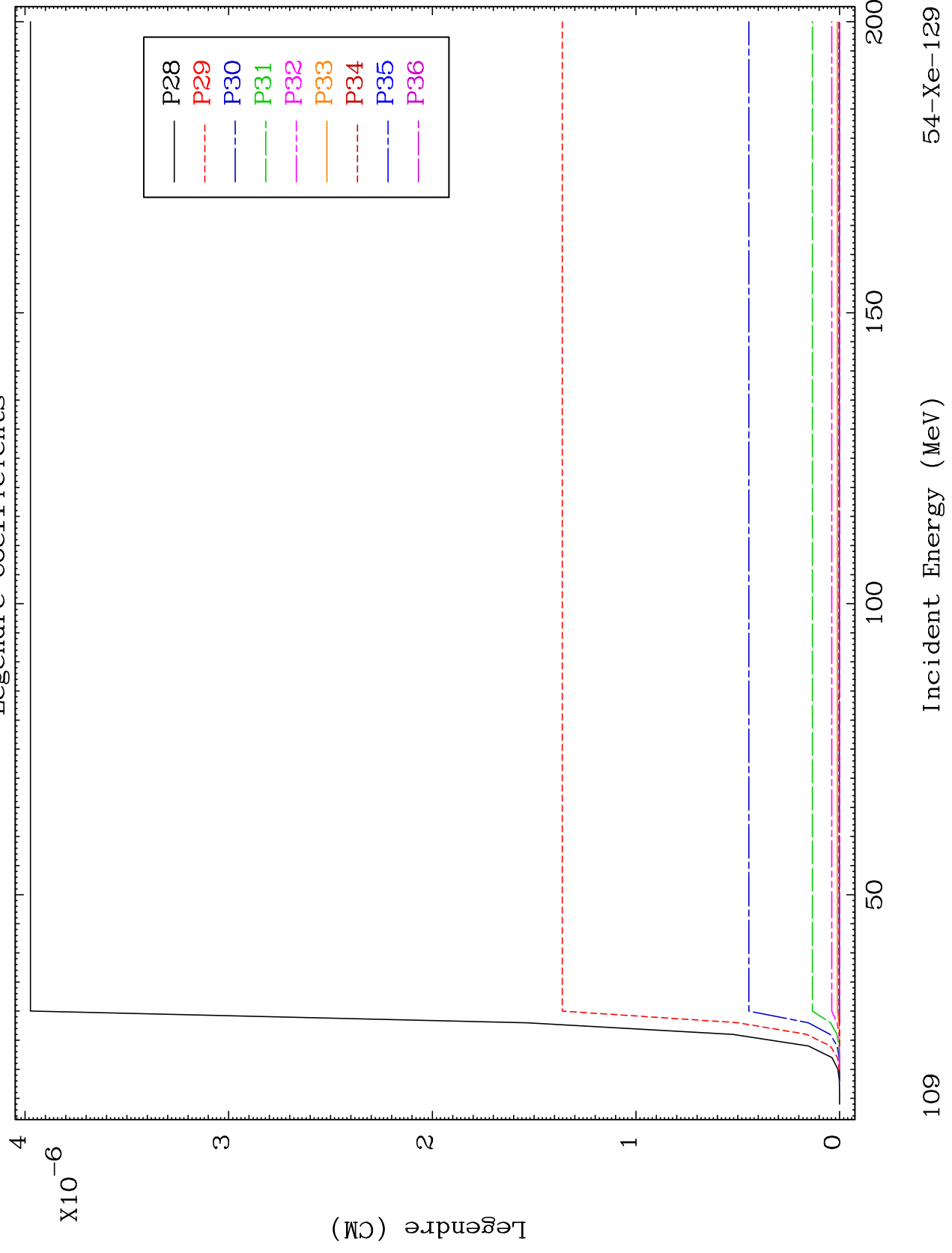
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



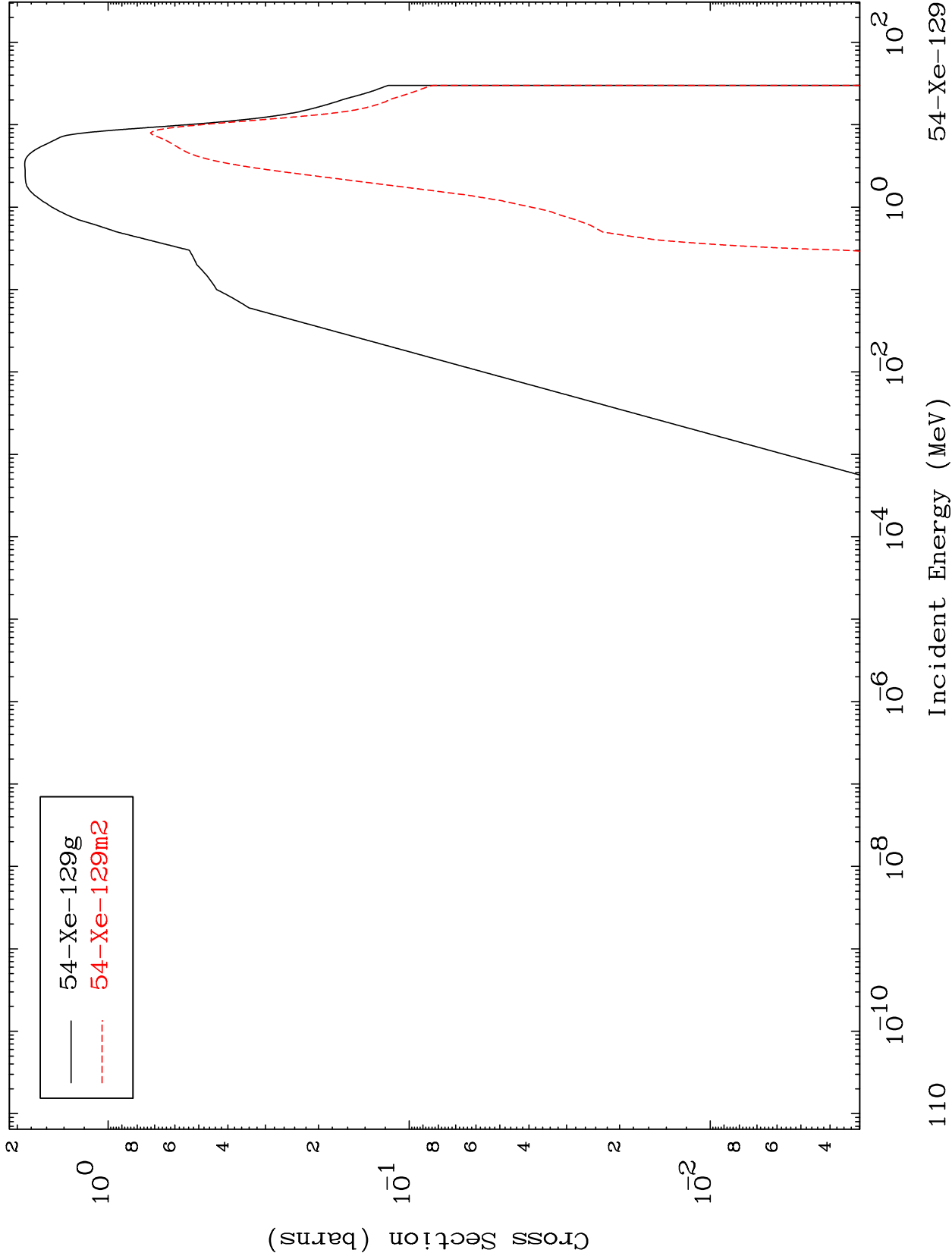
109

54-Xe-129

MAT 5440

Inelastic
Radionuclide Production Cross Section

54-Xe-129



110

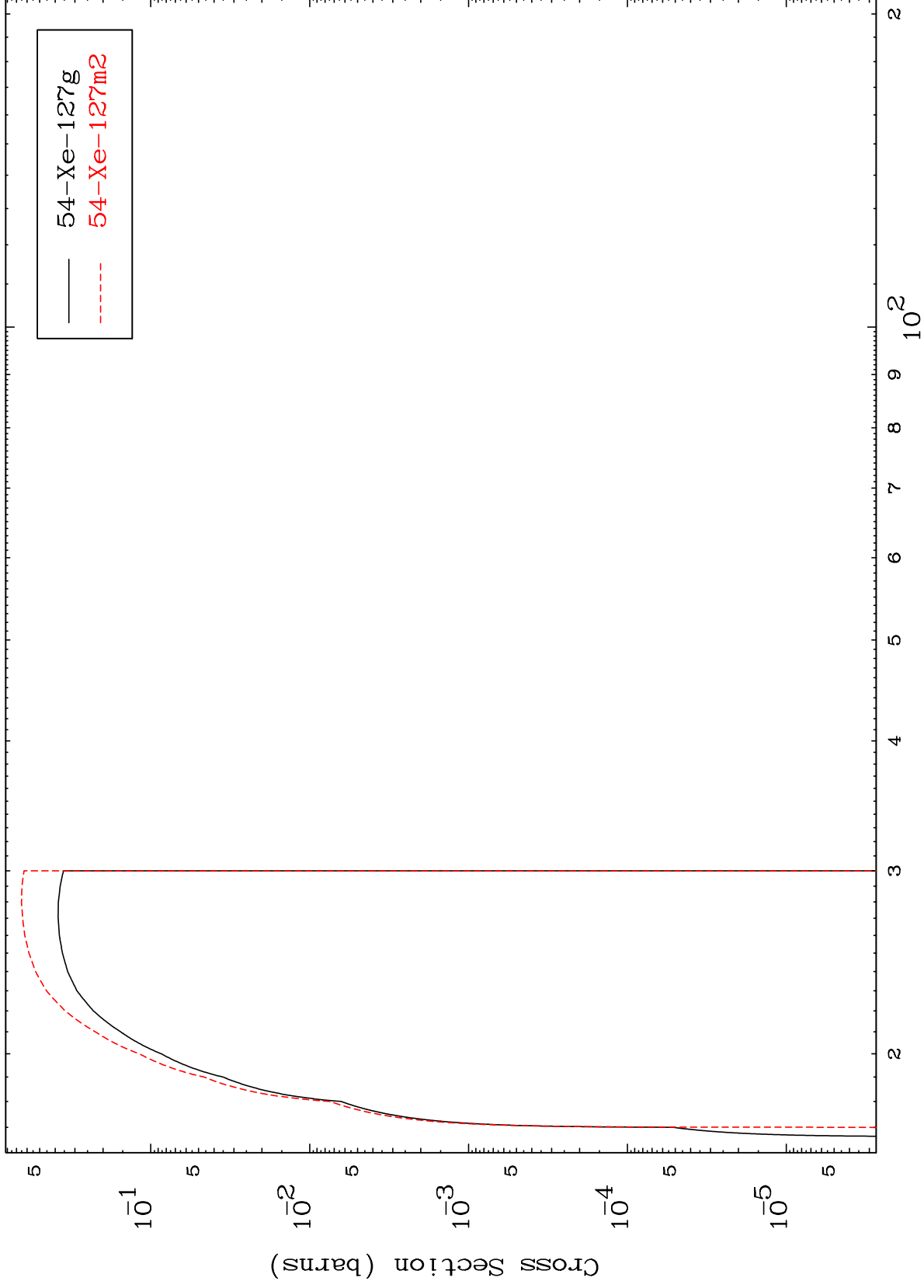
54-Xe-129

MAT 5440

(n,3n)

54-Xe-129

Radionuclide Production Cross Section



111

Incident Energy (MeV)

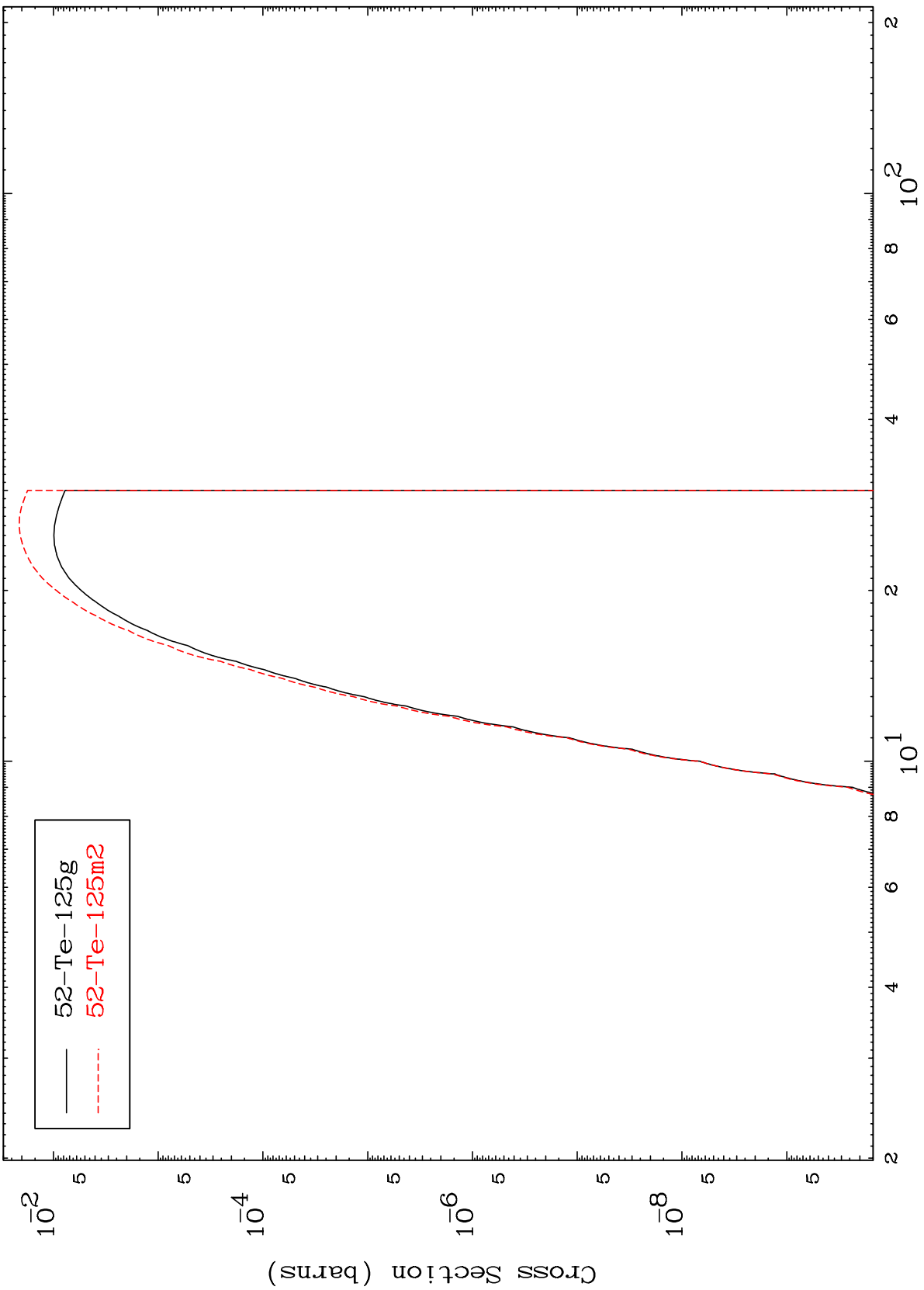
54-Xe-129

MAT 5440

54-Xe-129

(n,n') α

Radionuclide Production Cross Section



112

54-Xe-129

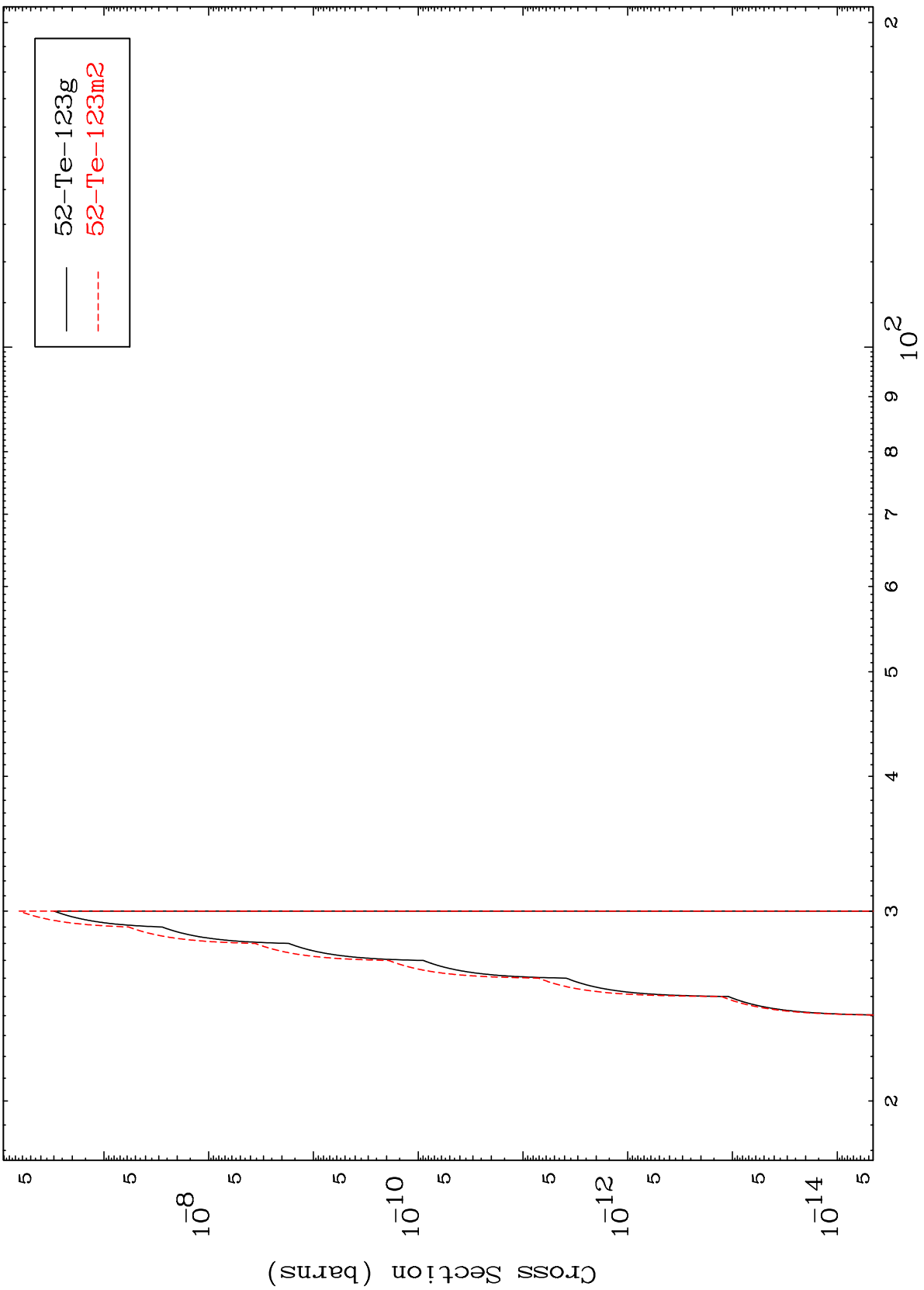
Incident Energy (MeV)

MAT 5440

(n,3n) α

54-Xe-129

Radionuclide Production Cross Section



113

Incident Energy (MeV)

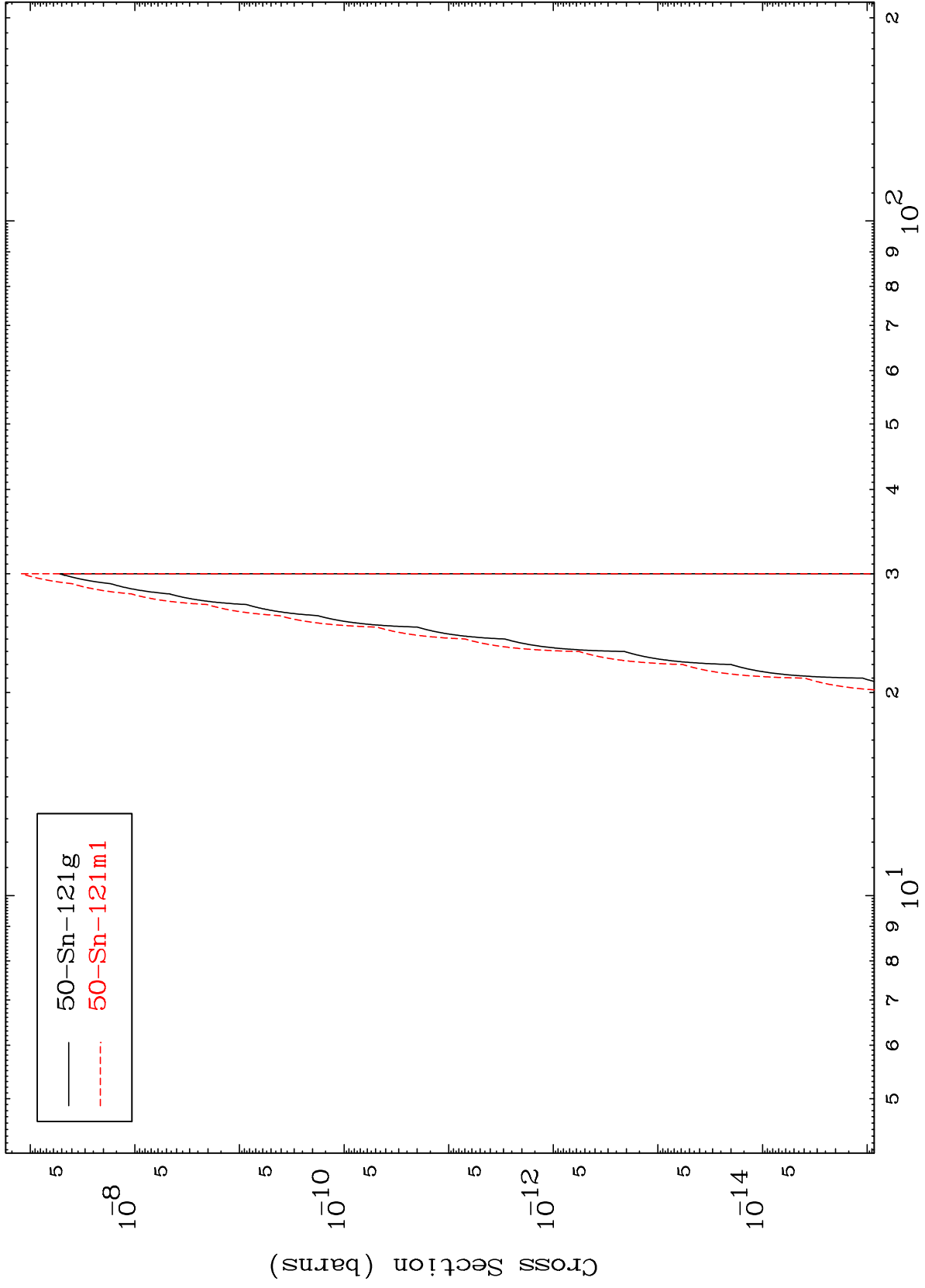
54-Xe-129

MAT 5440

(n, n') 2α

54-Xe-129

Radionuclide Production Cross Section



114

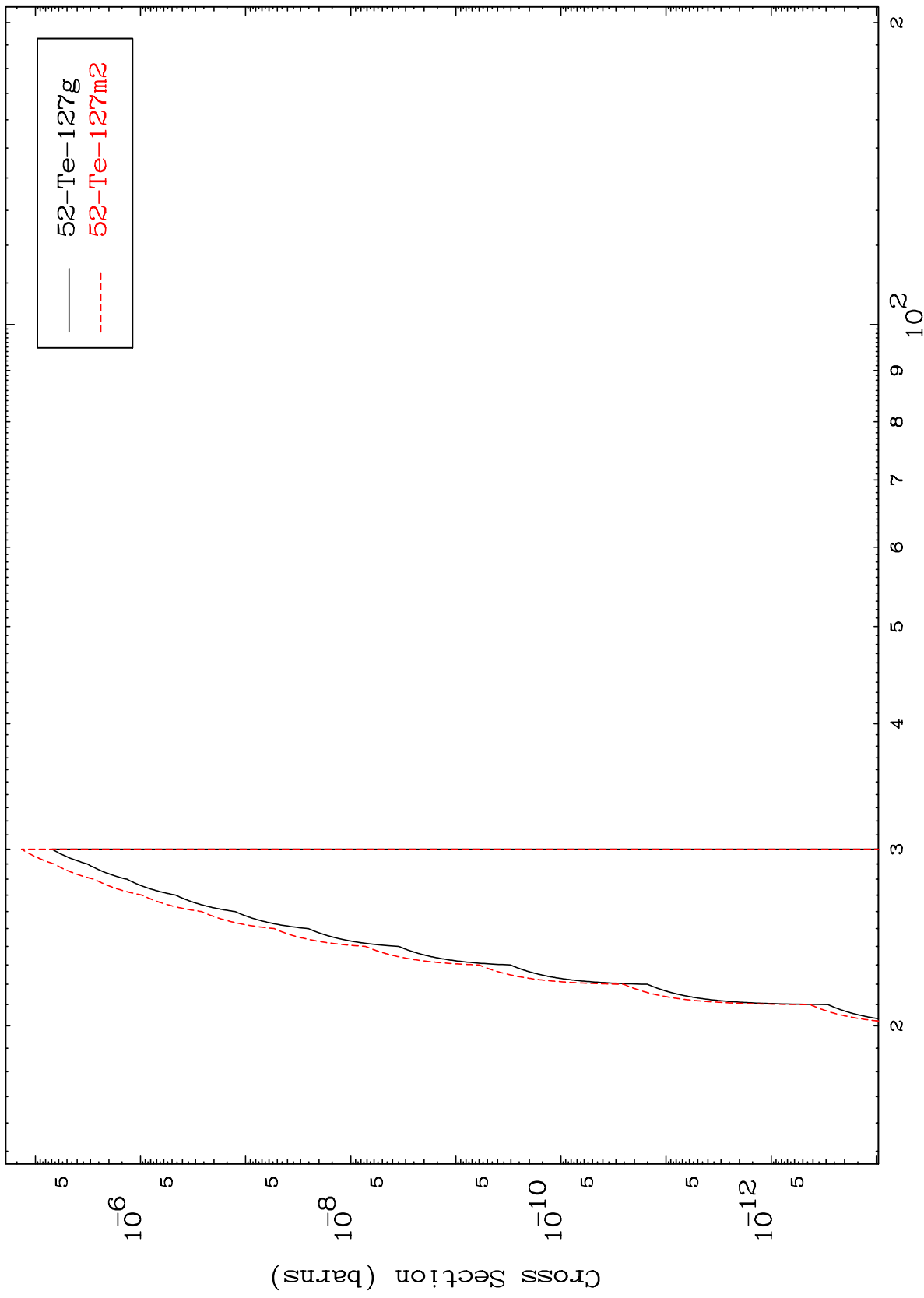
Incident Energy (MeV)

54-Xe-129

MAT 5440

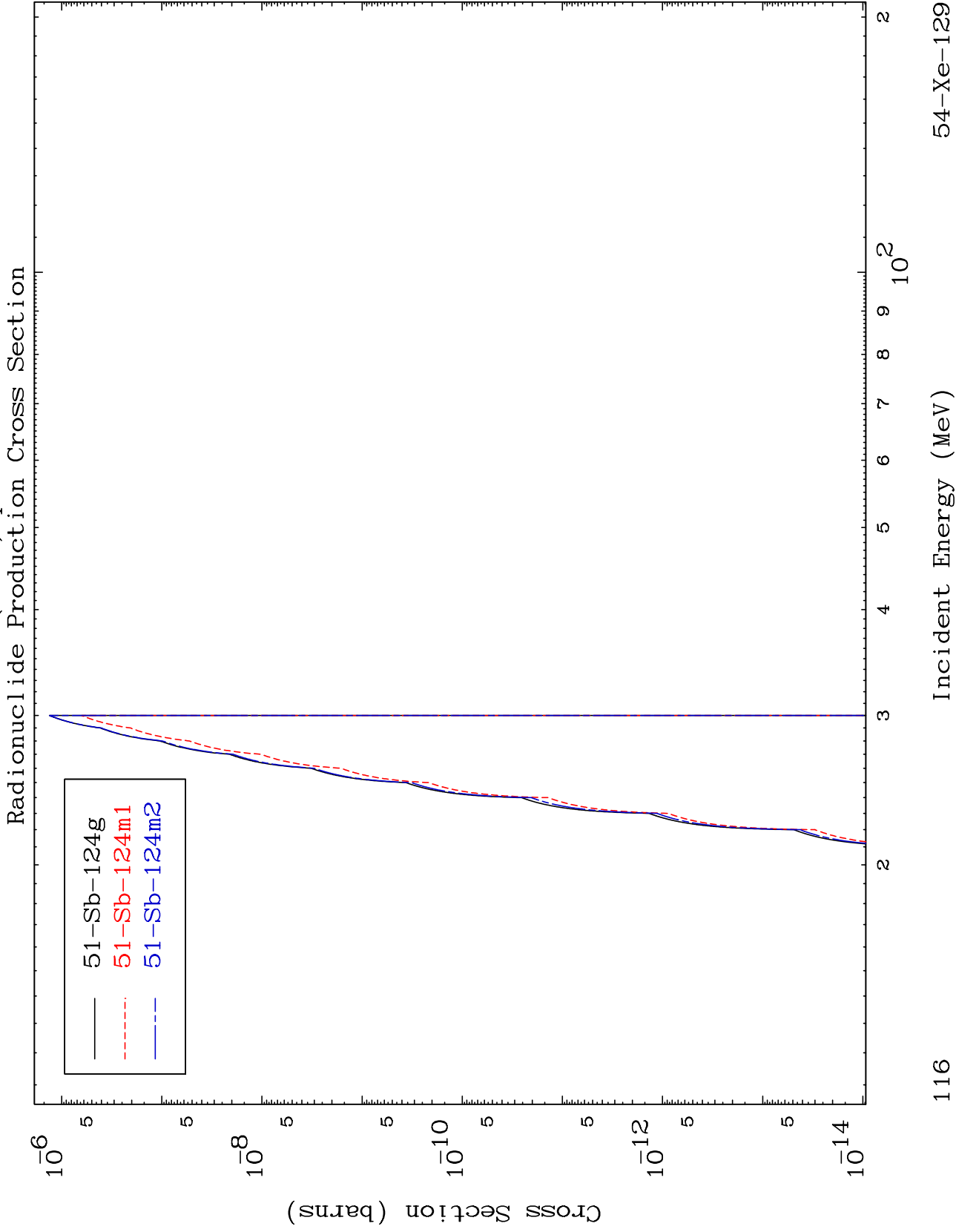
54-Xe-129

(n,2n) p
Radionuclide Production Cross Section



115

54-Xe-129

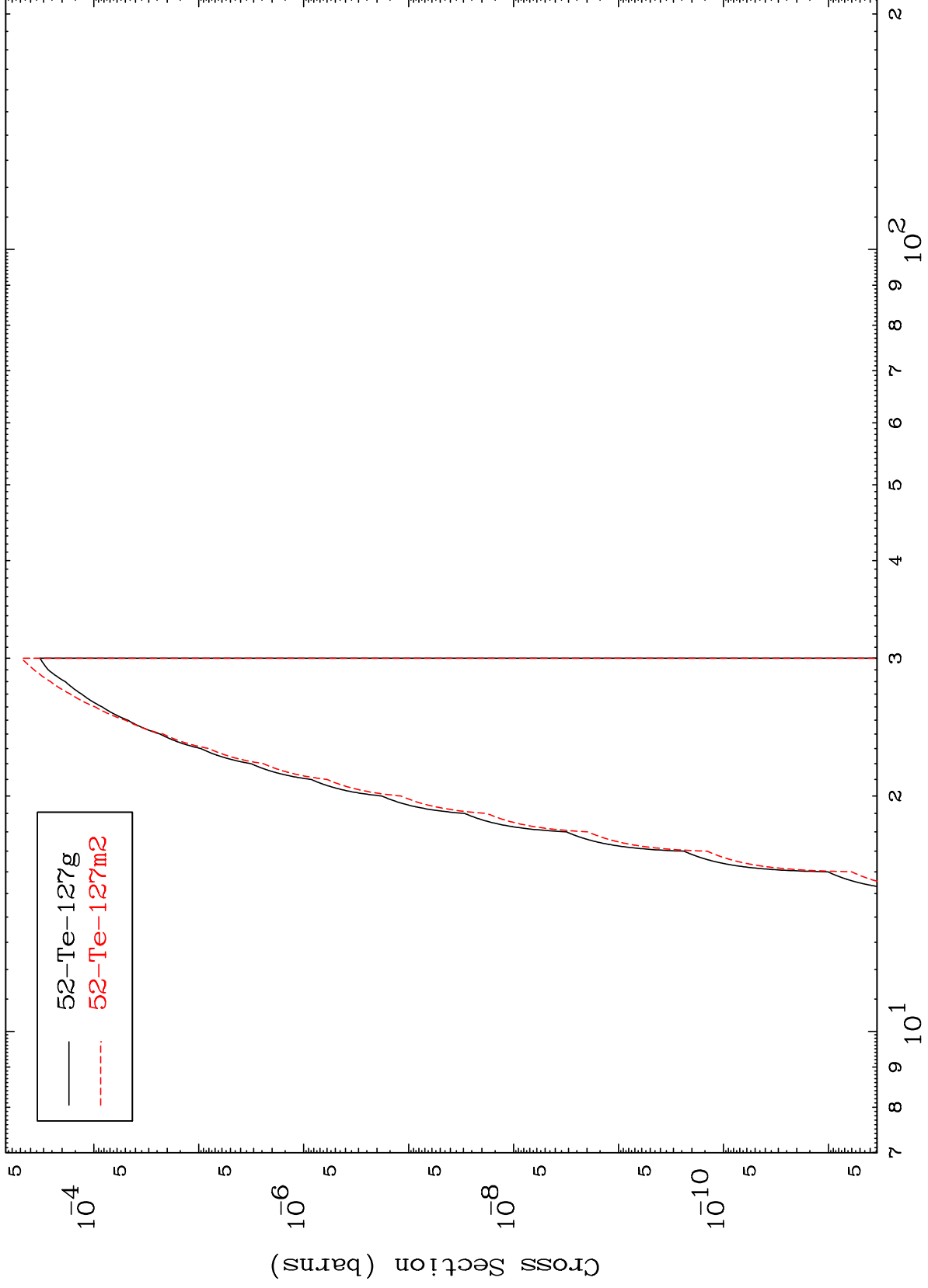


MAT 5440

(n,He-3)

54-Xe-129

Radionuclide Production Cross Section

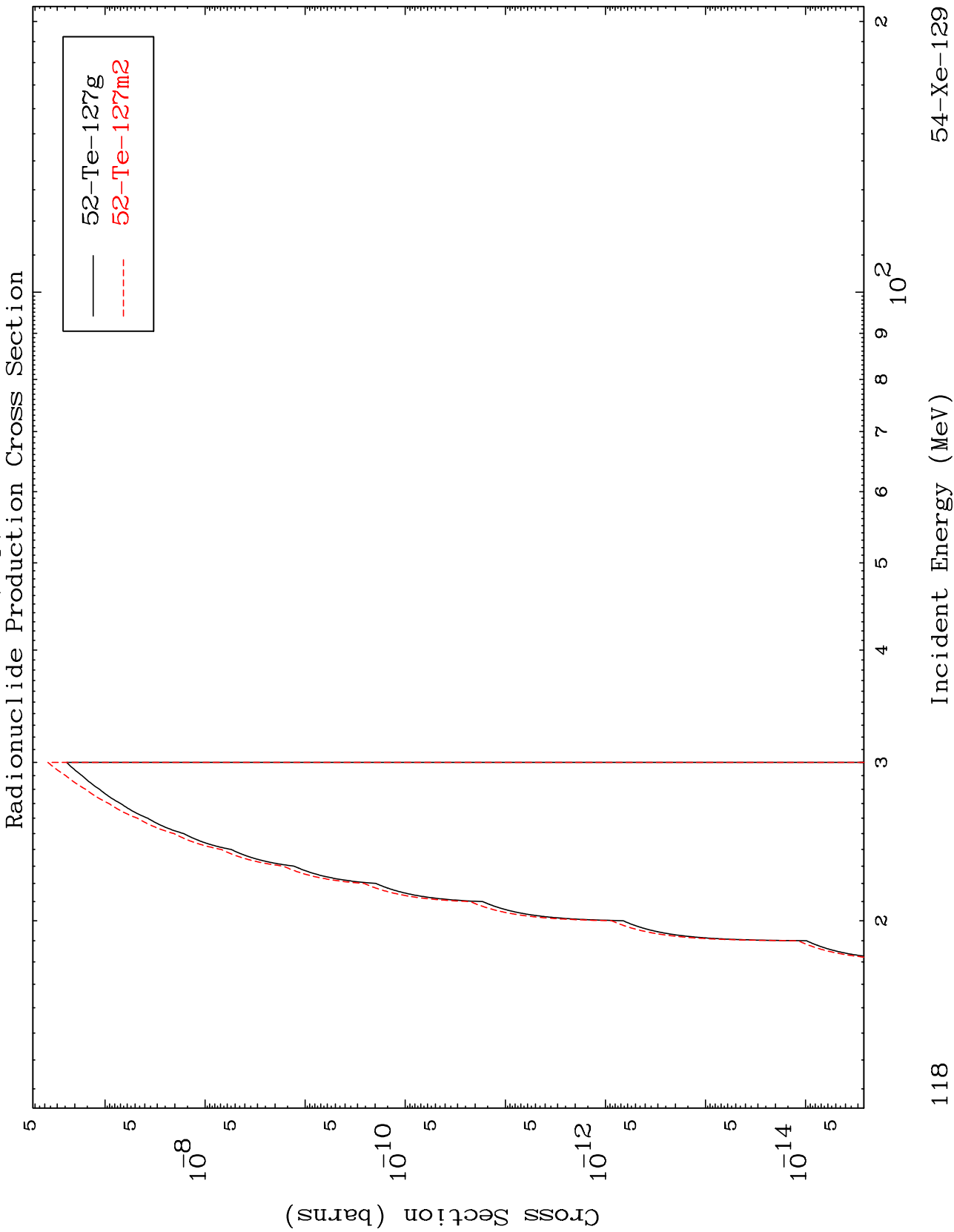


52-Te-127g
52-Te-127m2

117

Incident Energy (MeV)

54-Xe-129

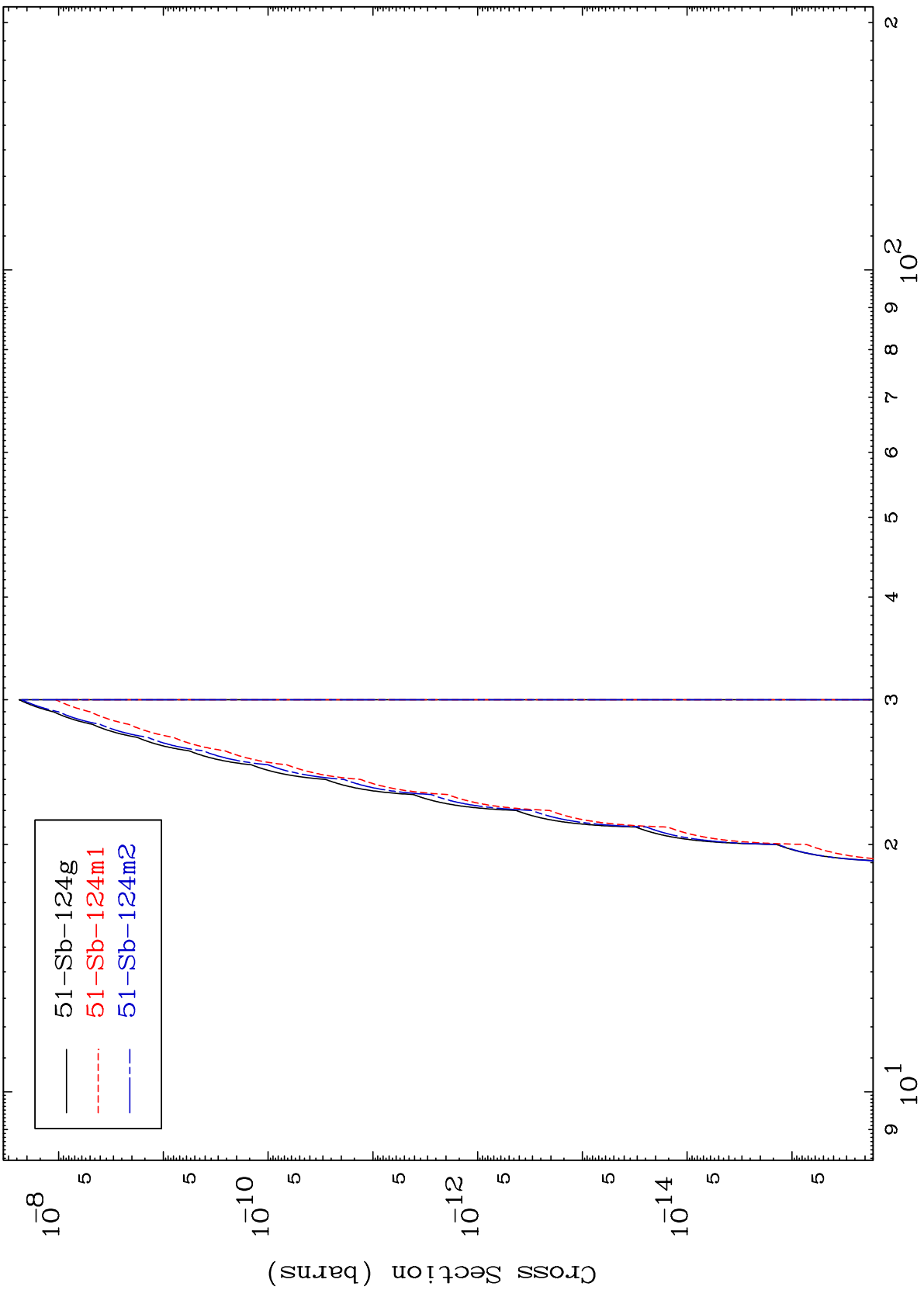


MAT 5440

(n,d) α

54-Xe-129

Radionuclide Production Cross Section



119

Incident Energy (MeV)

54-Xe-129