

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

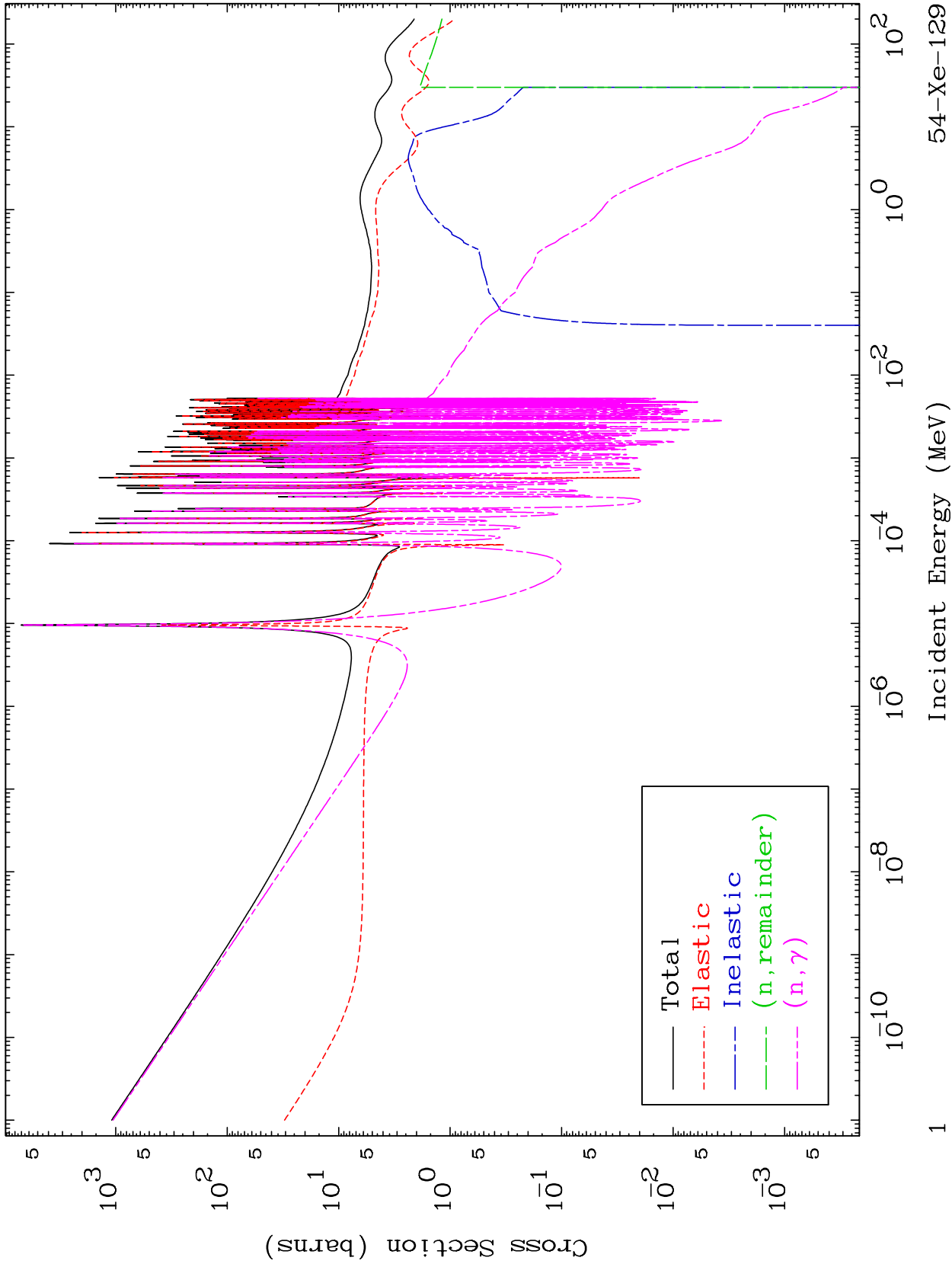
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5440

Major
293 Kelvin Cross Sections

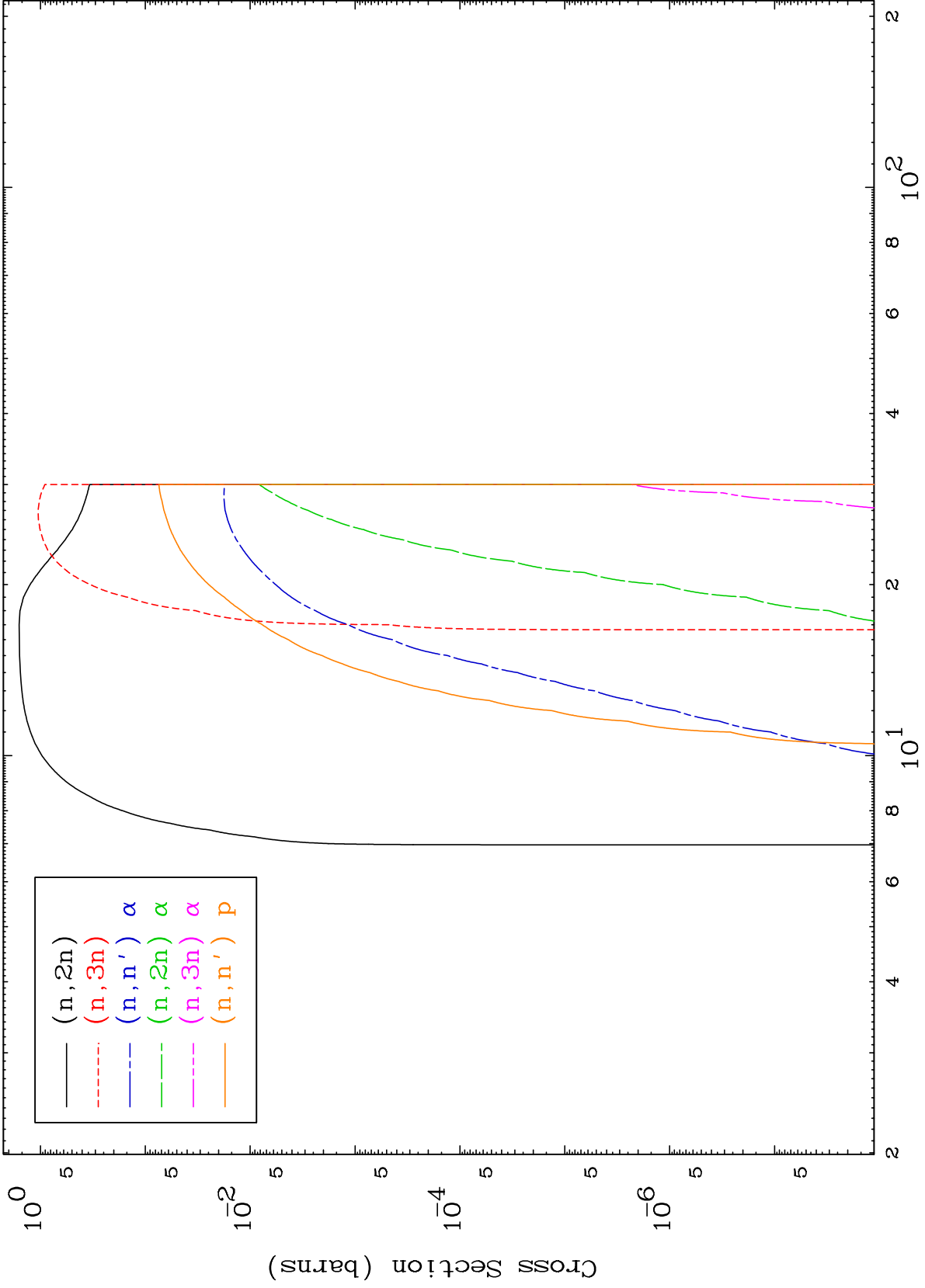
54-Xe-129



MAT 5440

Neutron Production
293 Kelvin Cross Sections

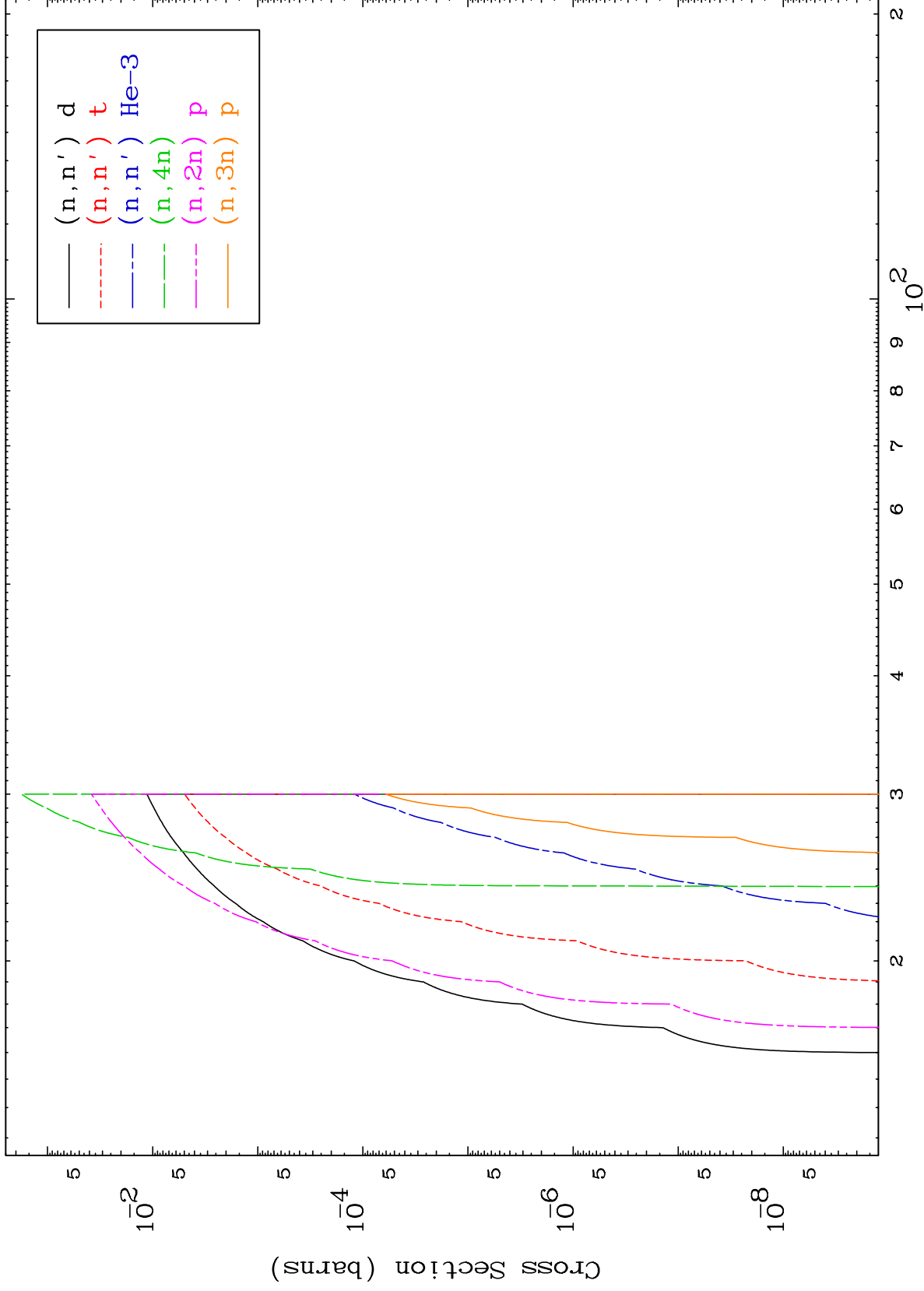
54-Xe-129

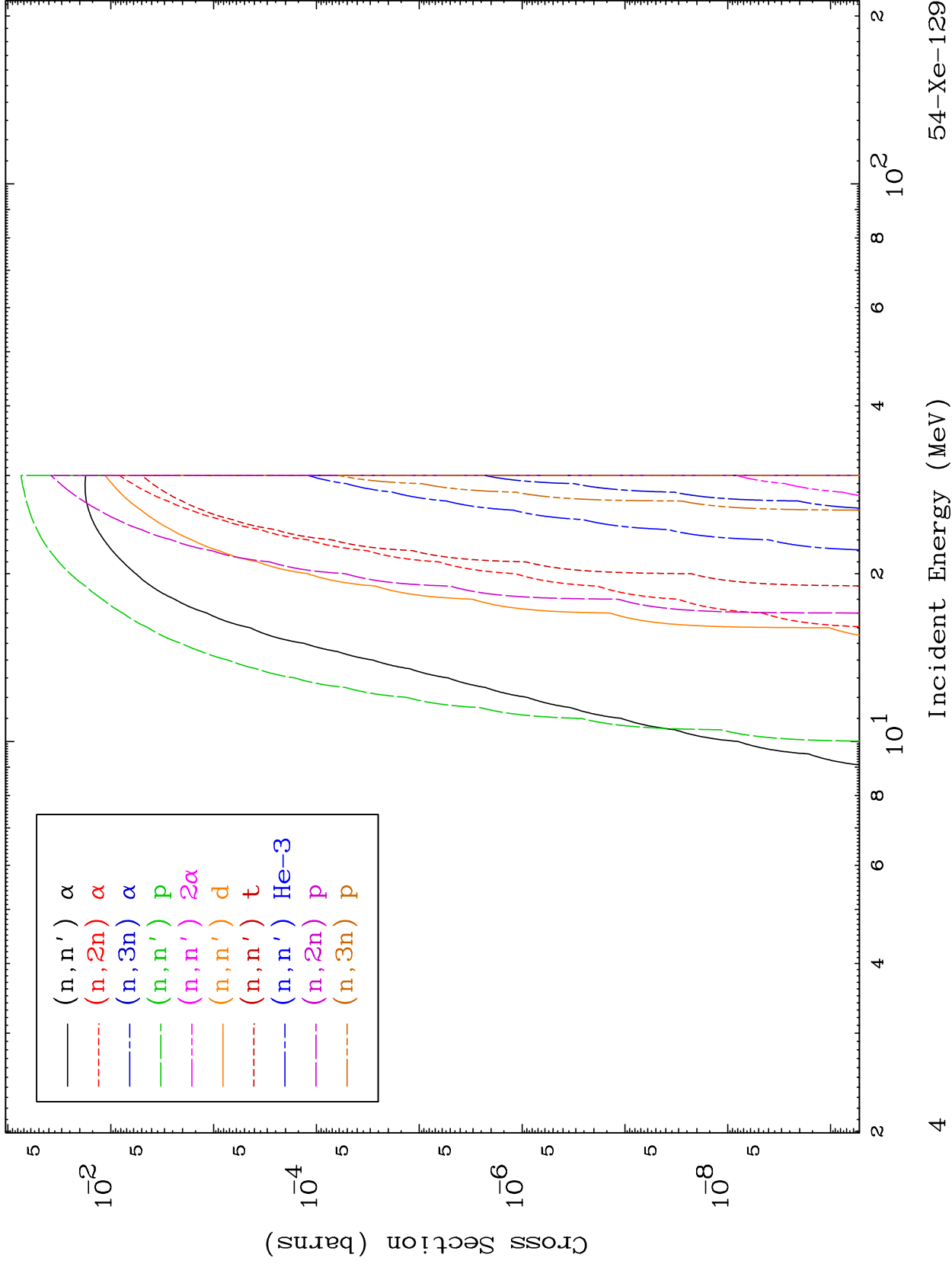


2

Incident Energy (MeV)

54-Xe-129

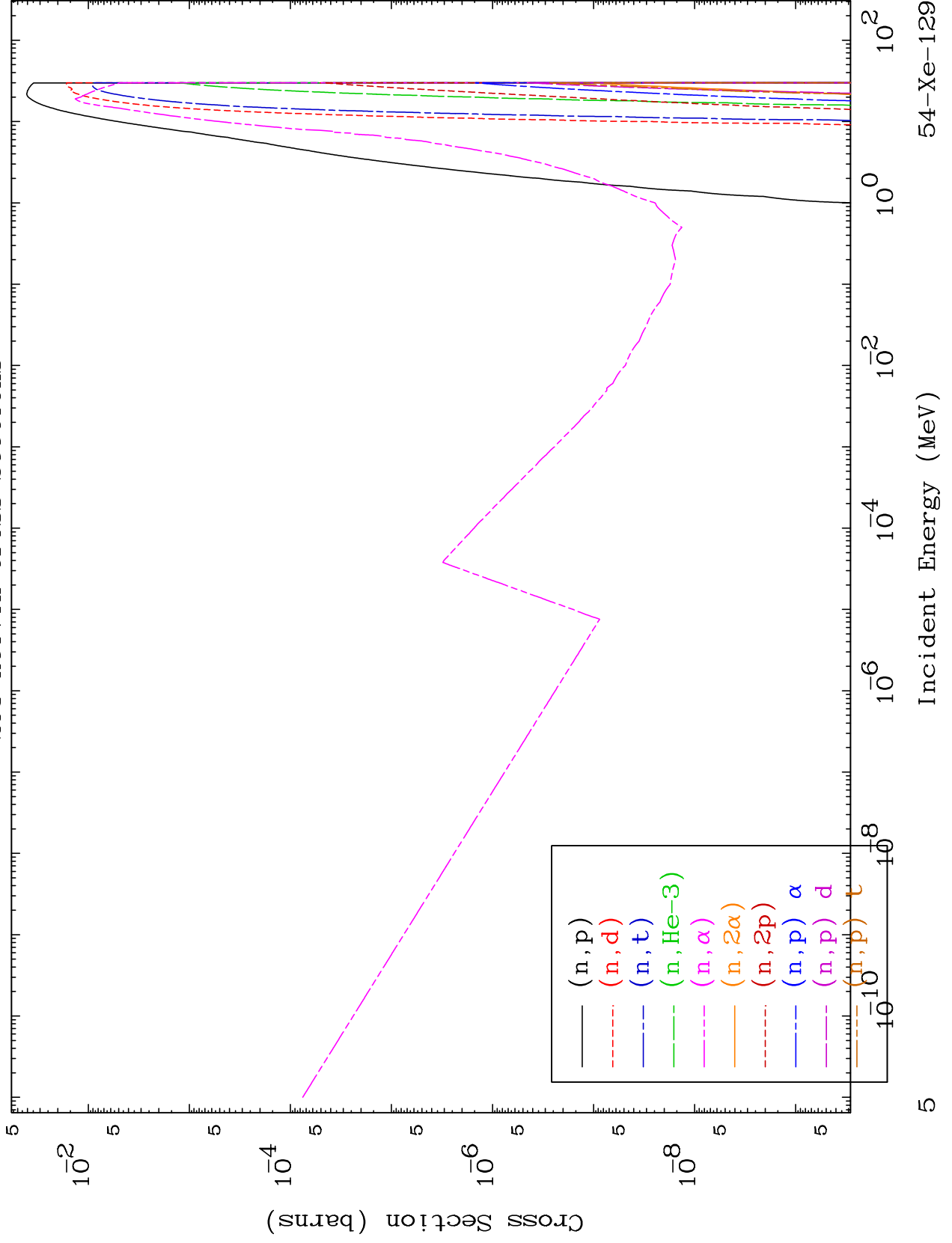




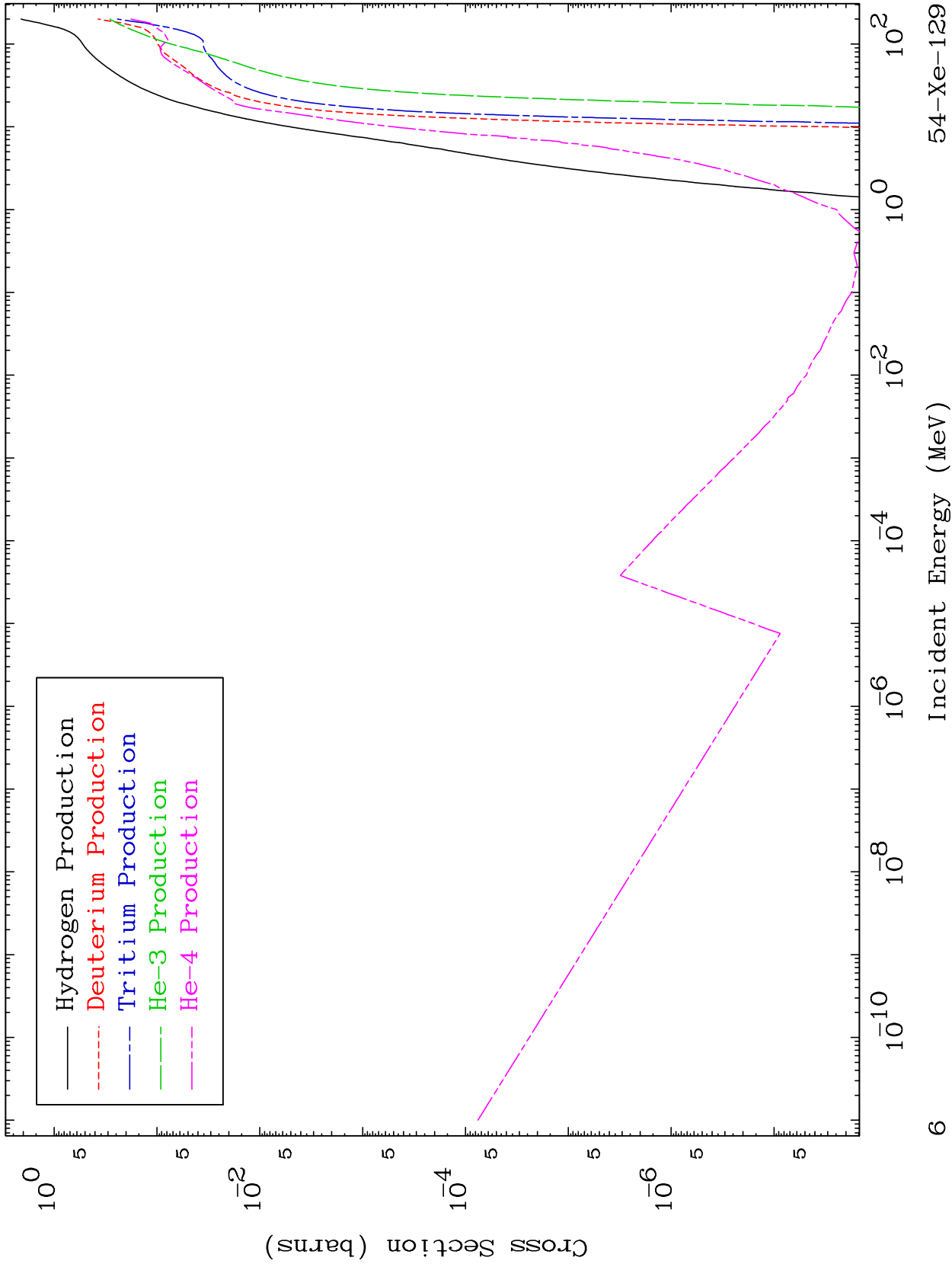
MAT 5440

Charged Particle
293 Kelvin Cross Sections

54-Xe-129



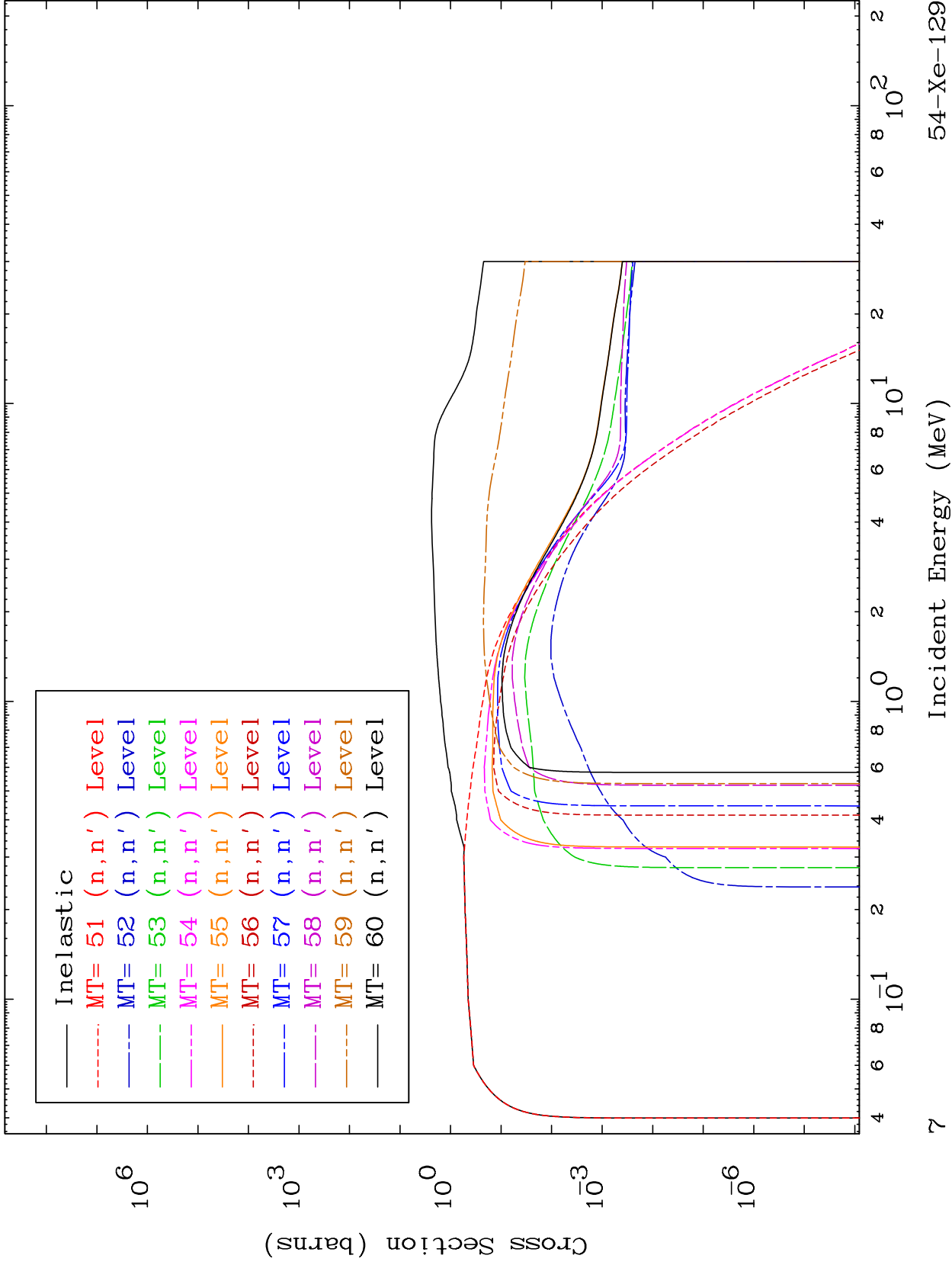
5



MAT 5440

(n,n') Level
293 Kelvin Cross Sections

54-Xe-129

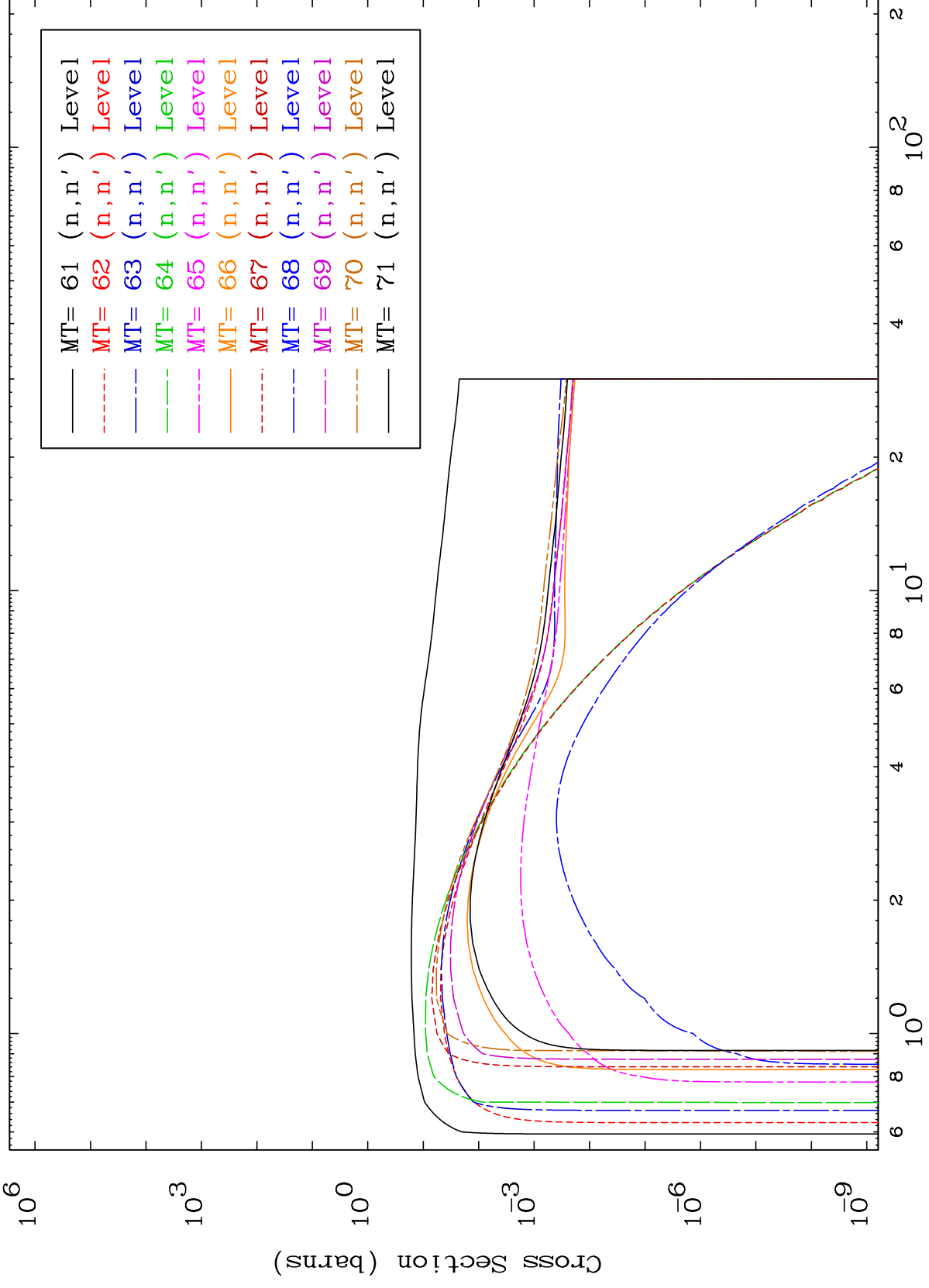


MAT 5440

(n,n') Level

54-Xe-129

293 Kelvin Cross Sections

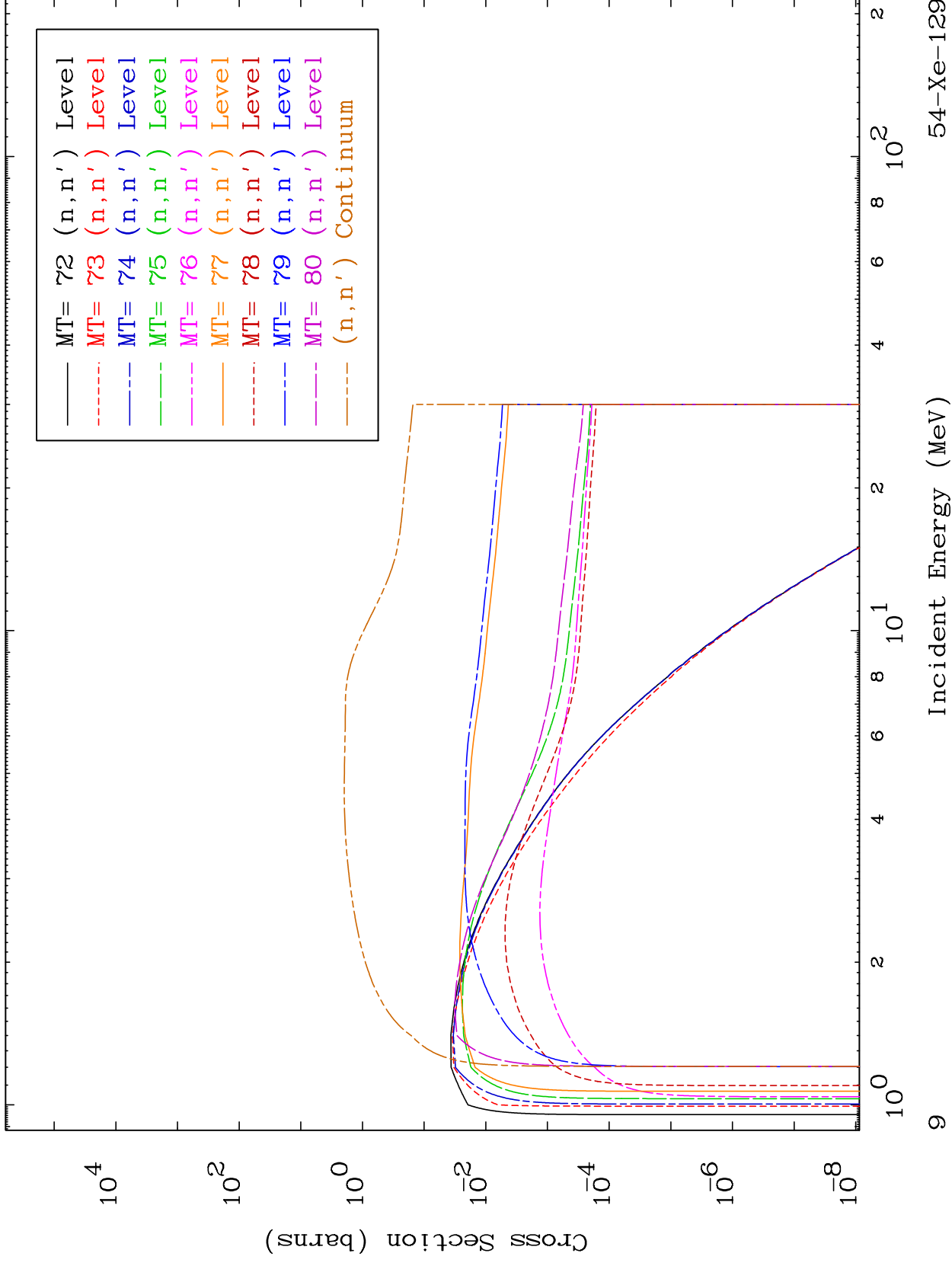


Incident Energy (MeV)

54-Xe-129

8

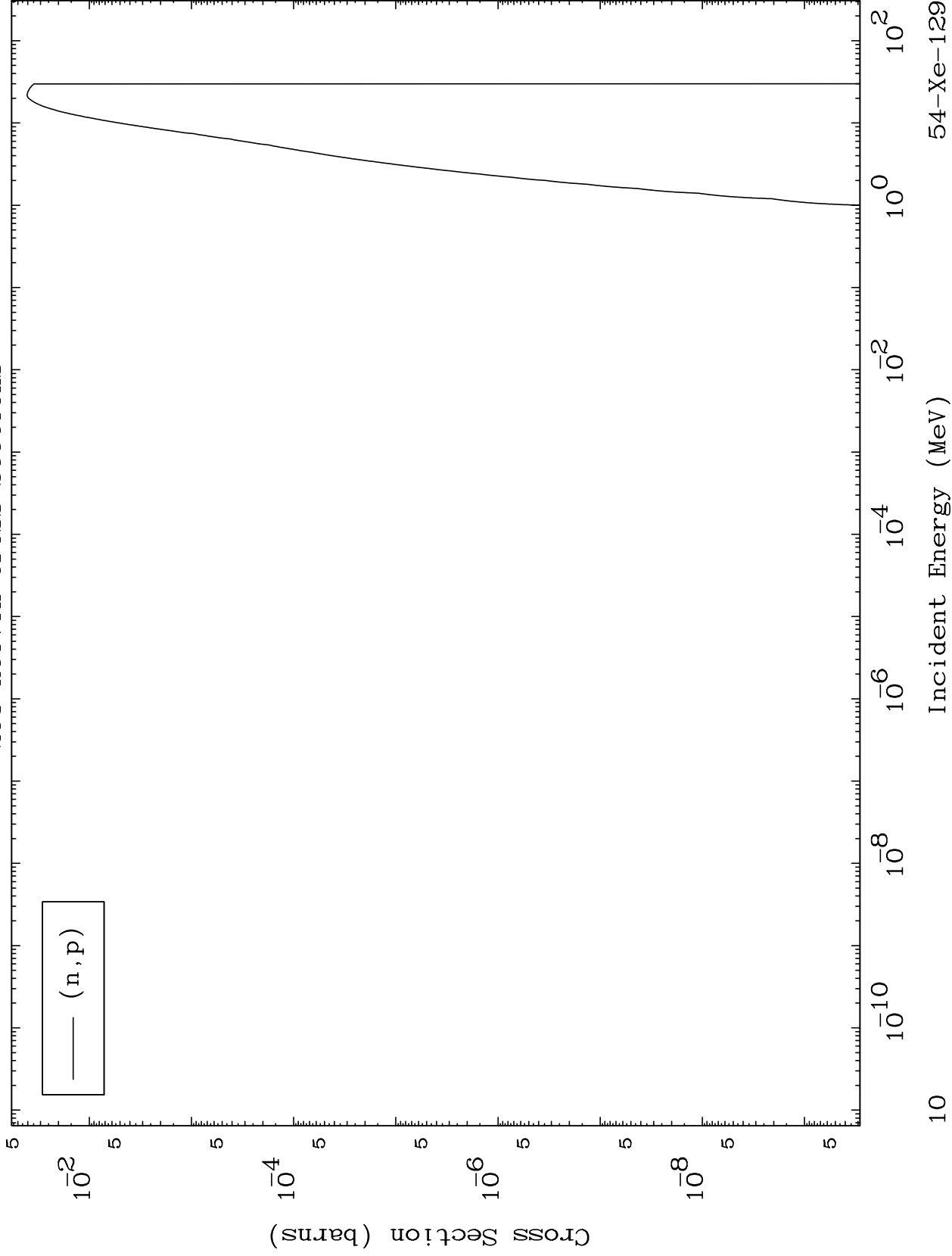
293 Kelvin Cross Sections



MAT 5440

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-129



10

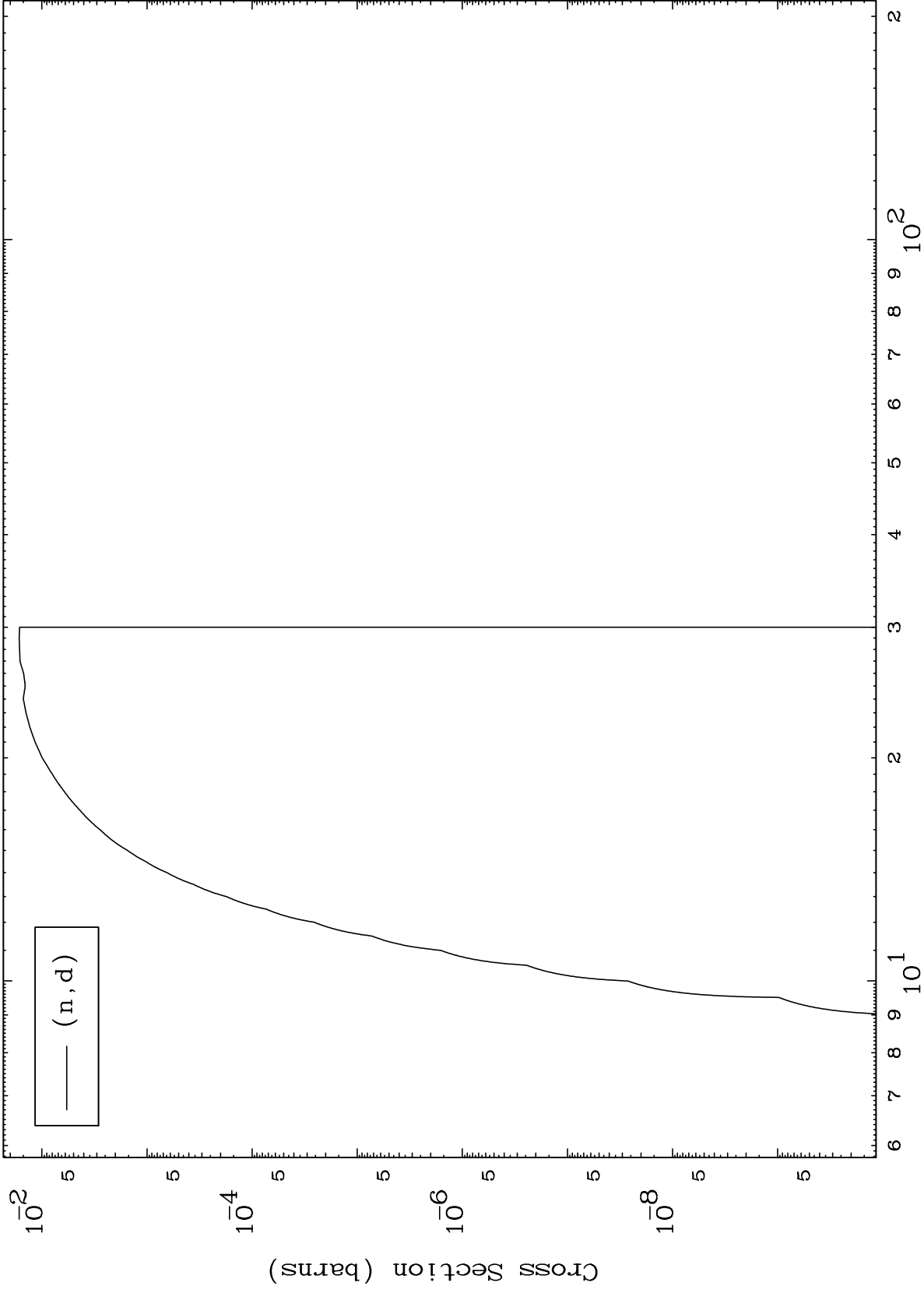
Incident Energy (MeV)

54-Xe-129

MAT 5440

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-129



11

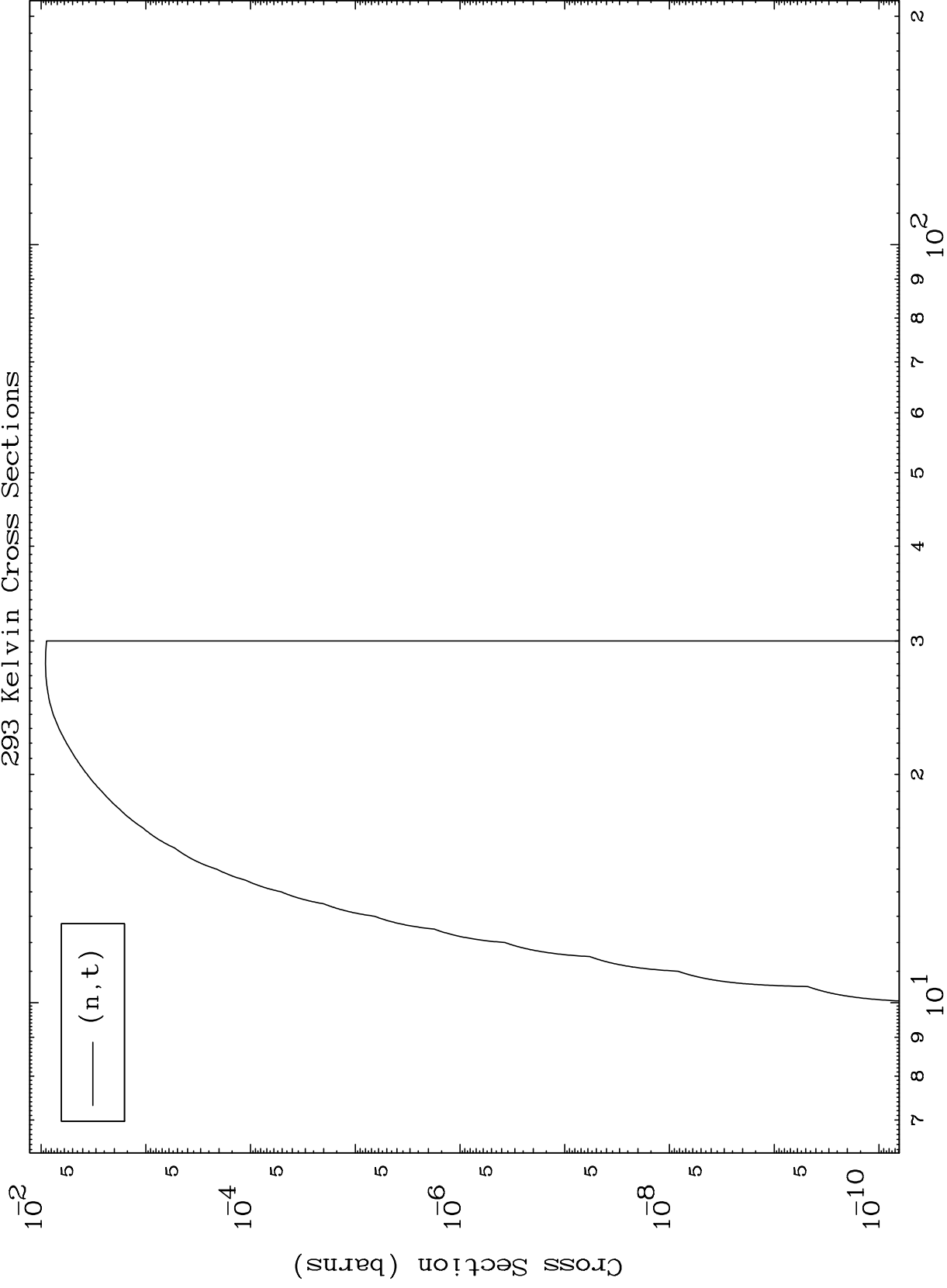
Incident Energy (MeV)

54-Xe-129

MAT 5440

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-129



12

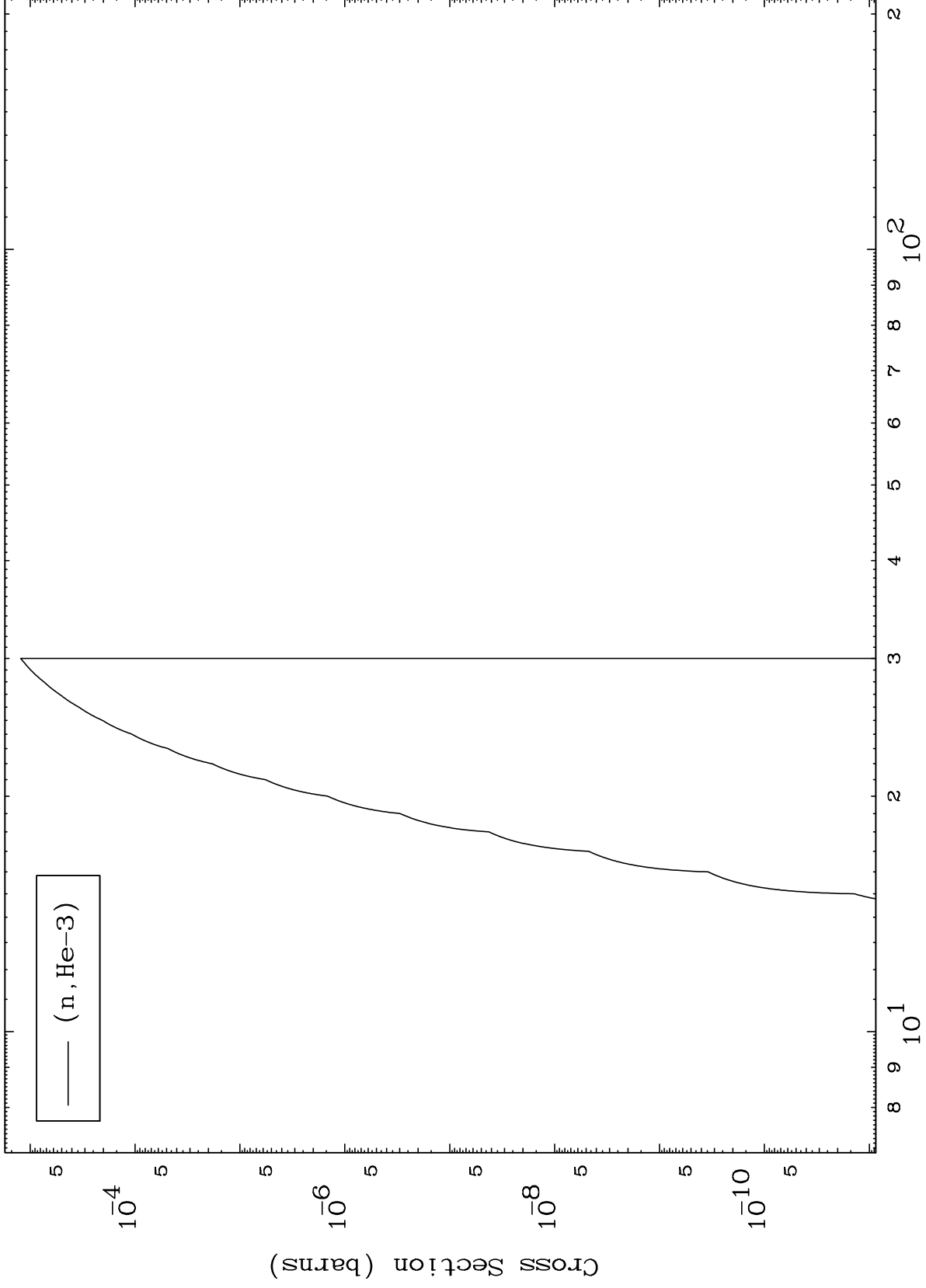
Incident Energy (MeV)

54-Xe-129

MAT 5440

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-129



13

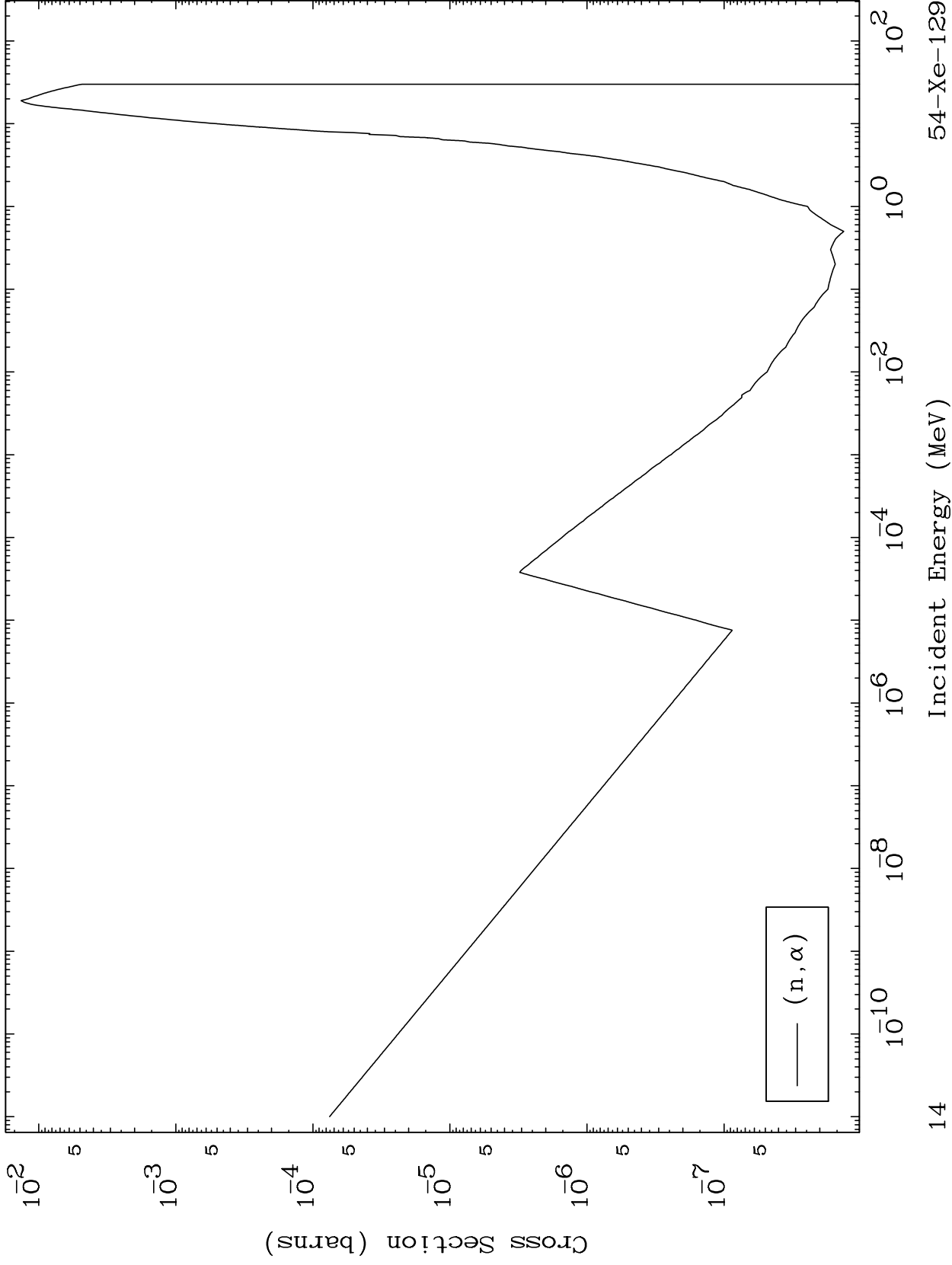
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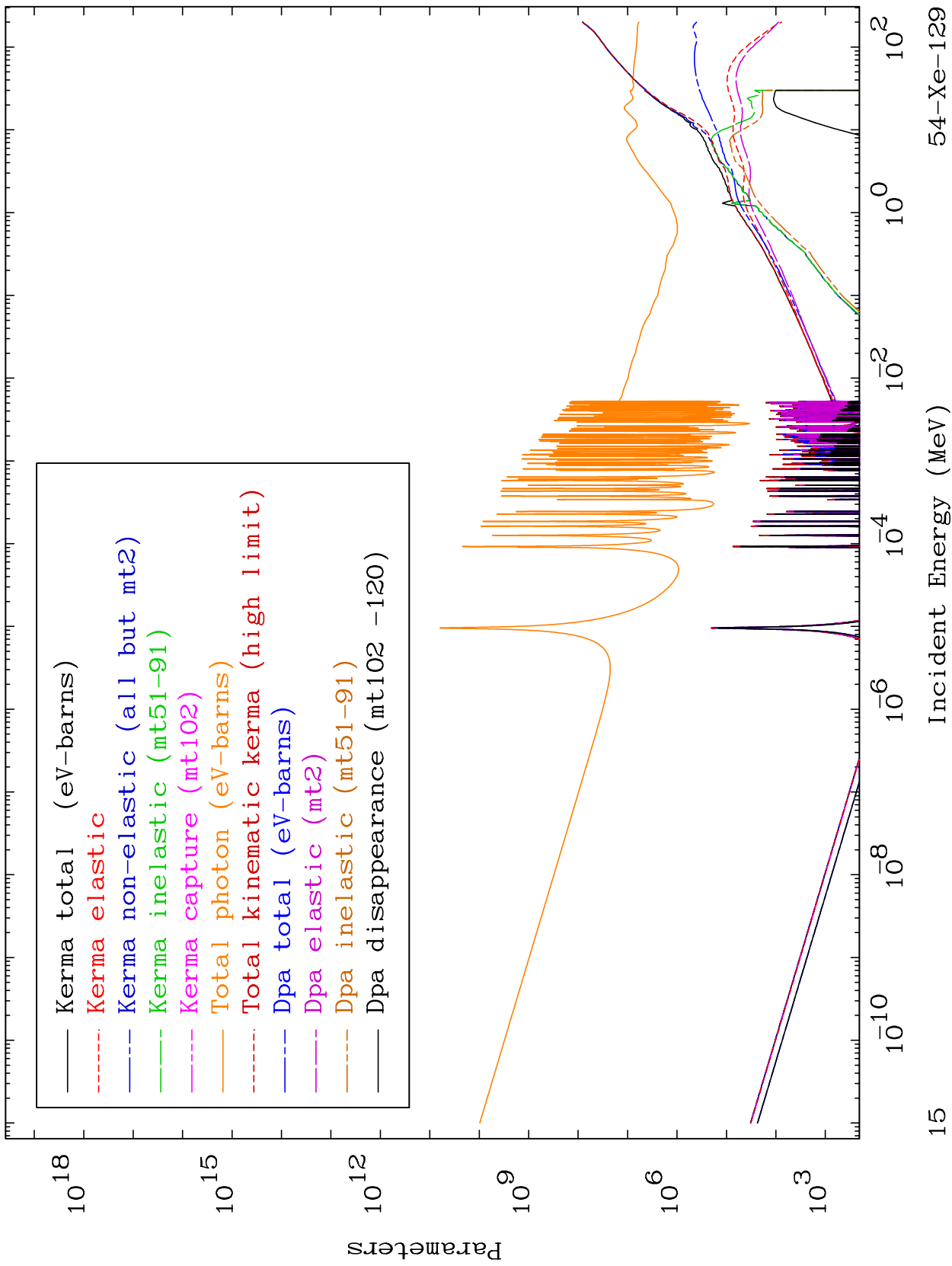
54-Xe-129

MAT 5440

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-129

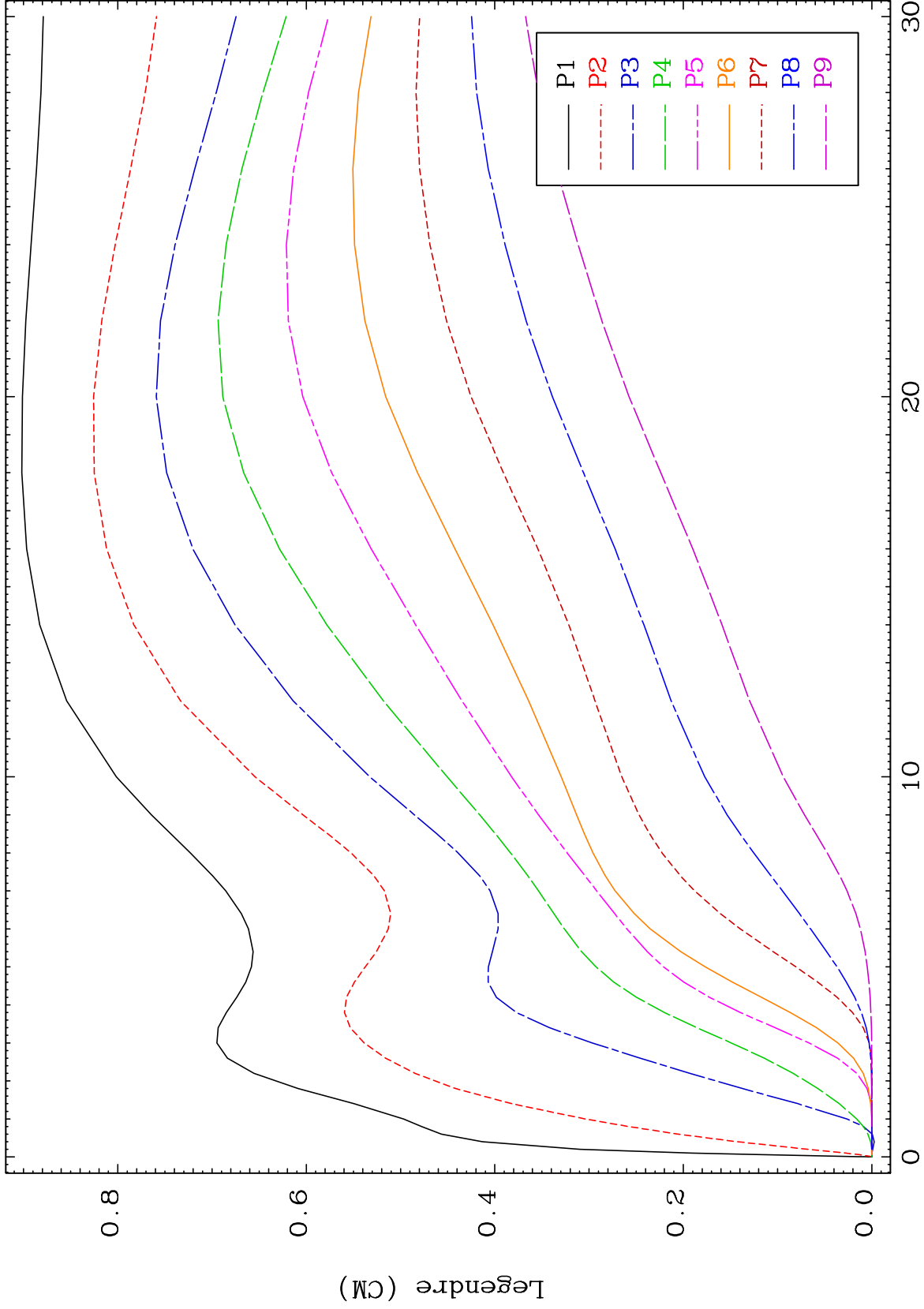




MAT 5440

Elastic Legendre Coefficients

54-Xe-129



16

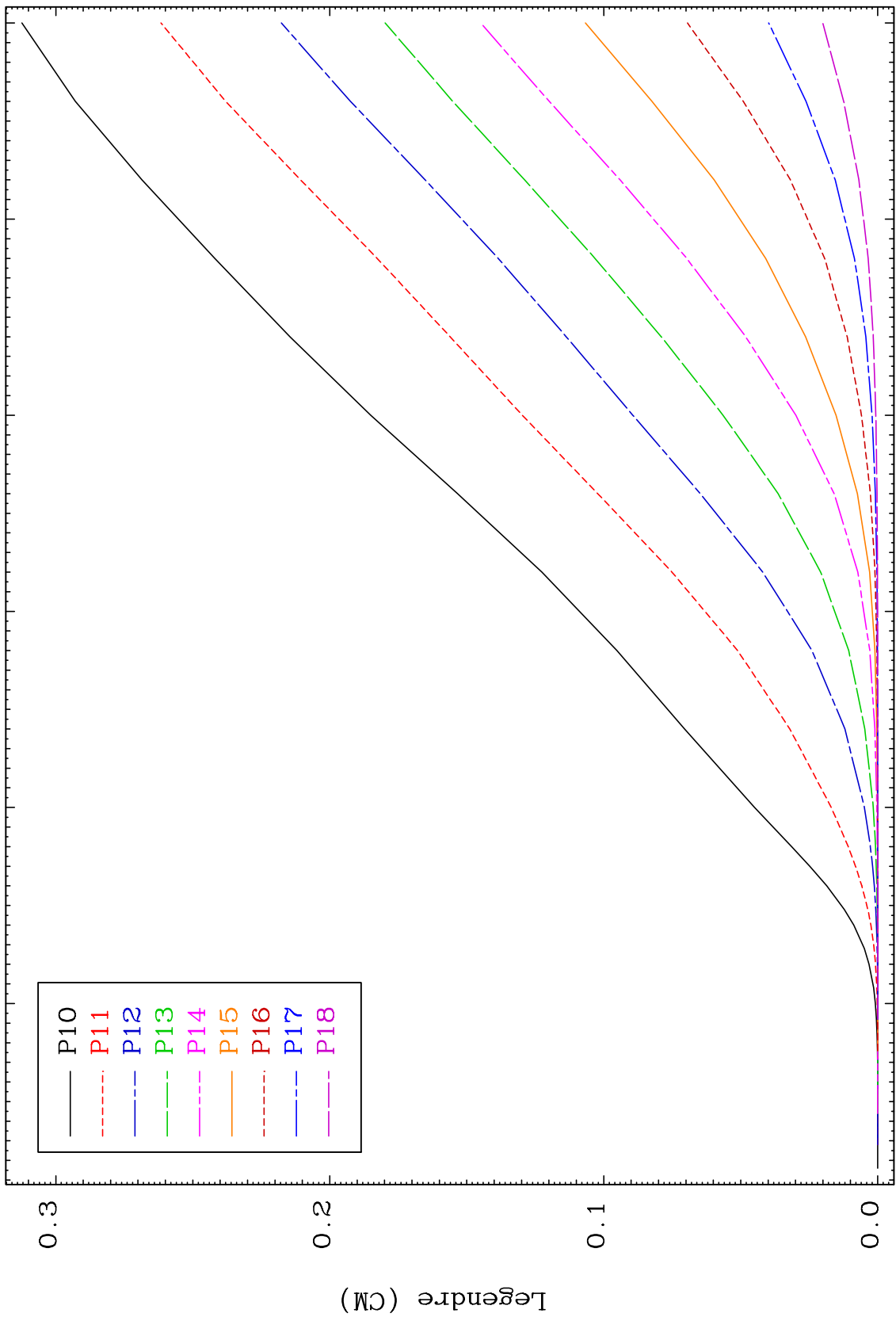
Incident Energy (MeV)

54-Xe-129

MAT 5440

Elastic Legendre Coefficients

54-Xe-129



17

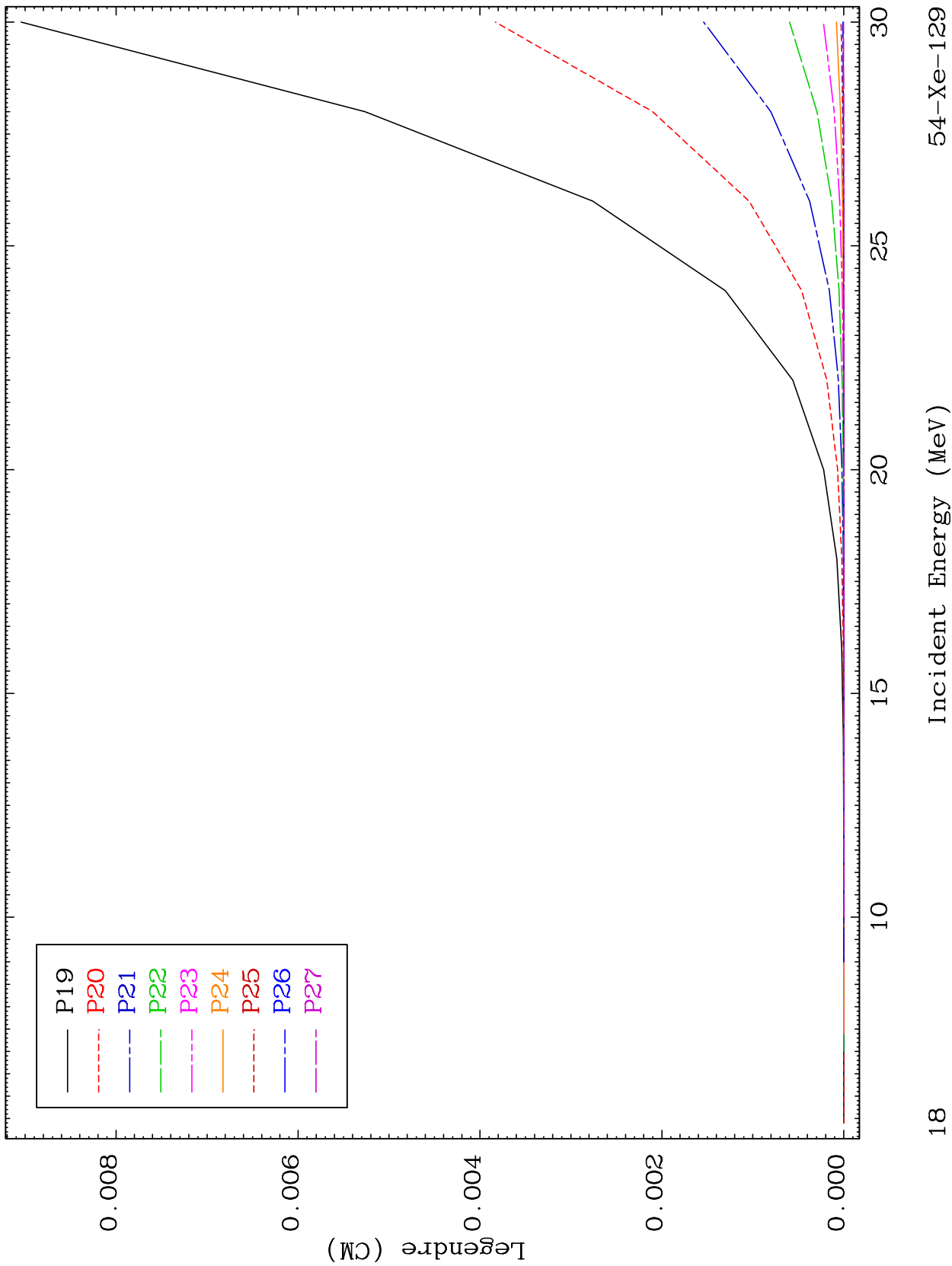
Incident Energy (MeV)

54-Xe-129

MAT 5440

Elastic Legendre Coefficients

54-Xe-129



18

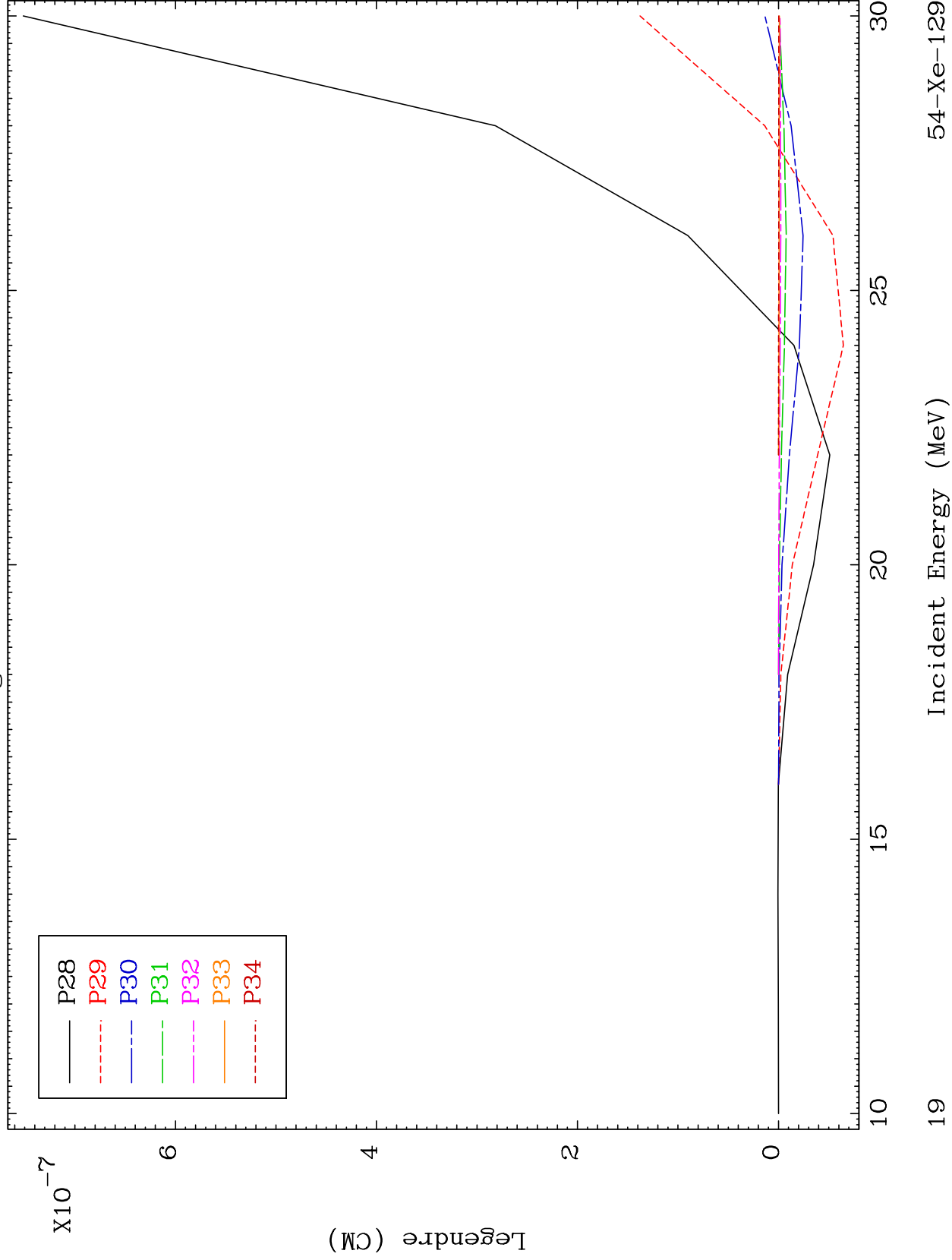
Incident Energy (MeV)

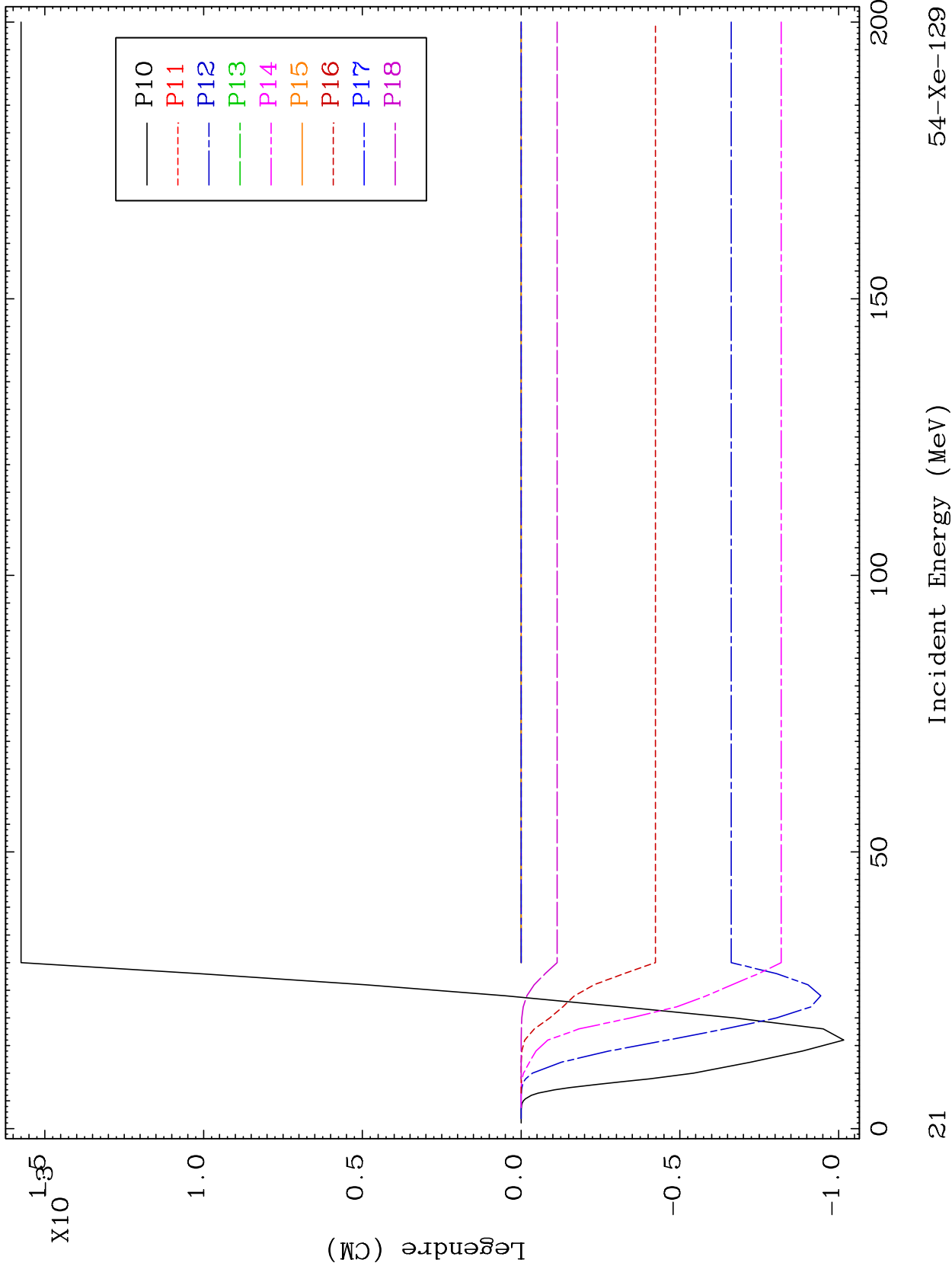
54-Xe-129

MAT 5440

Elastic
Legendre Coefficients

54-Xe-129

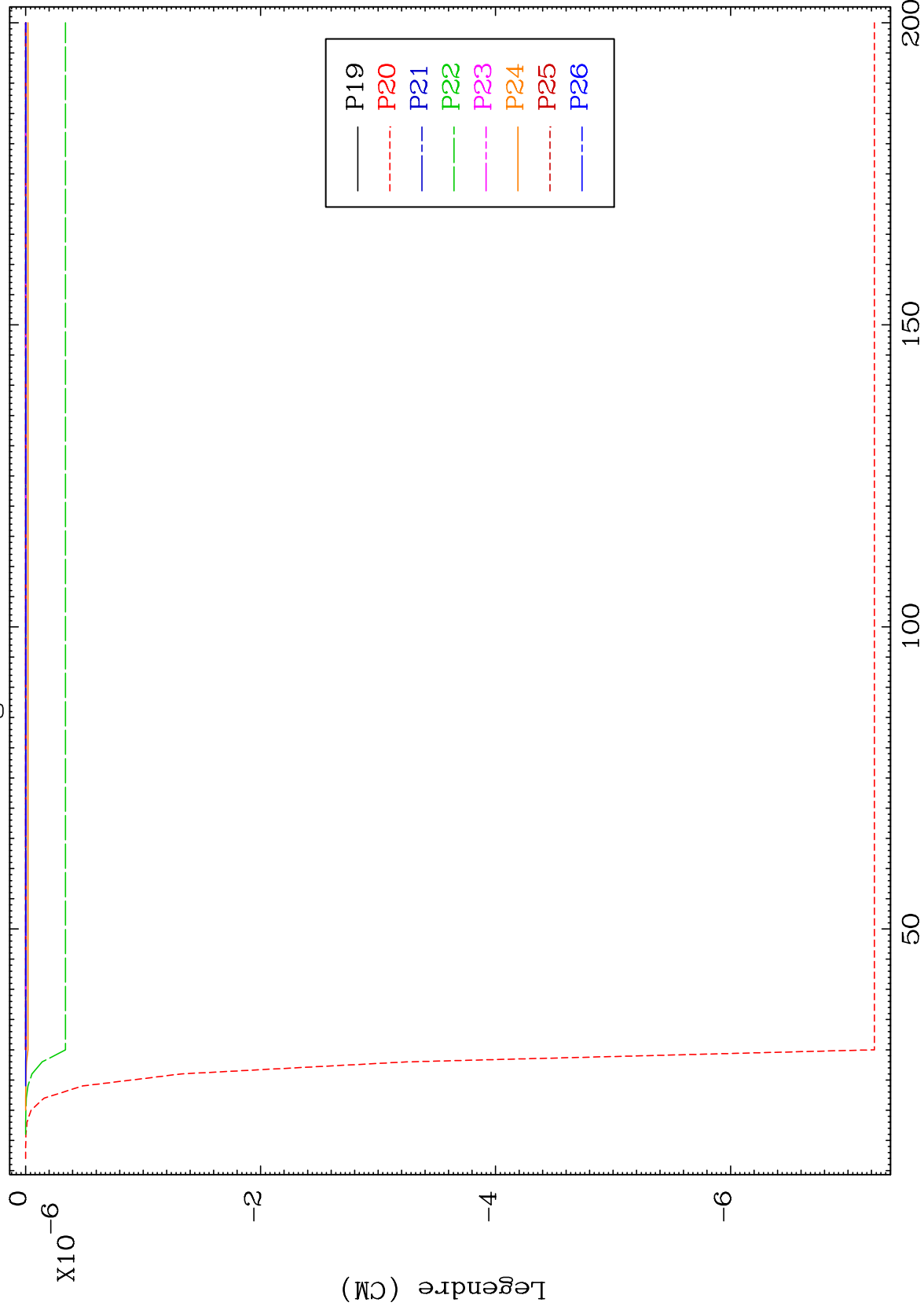




MAT 5440

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

54-Xe-129



54-Xe-129

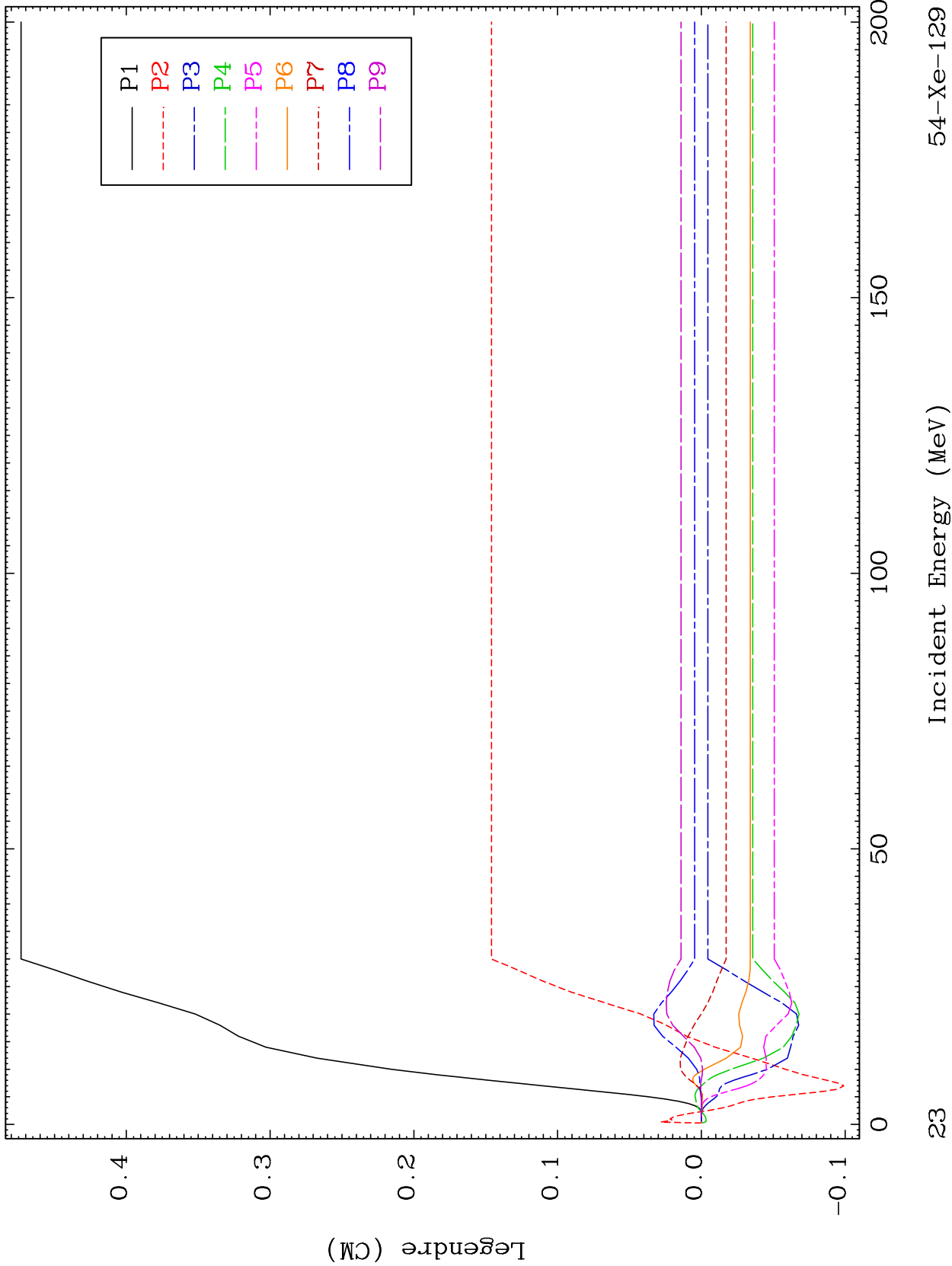
Incident Energy (MeV)

22

MAT 5440

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

54-Xe-129



54-Xe-129

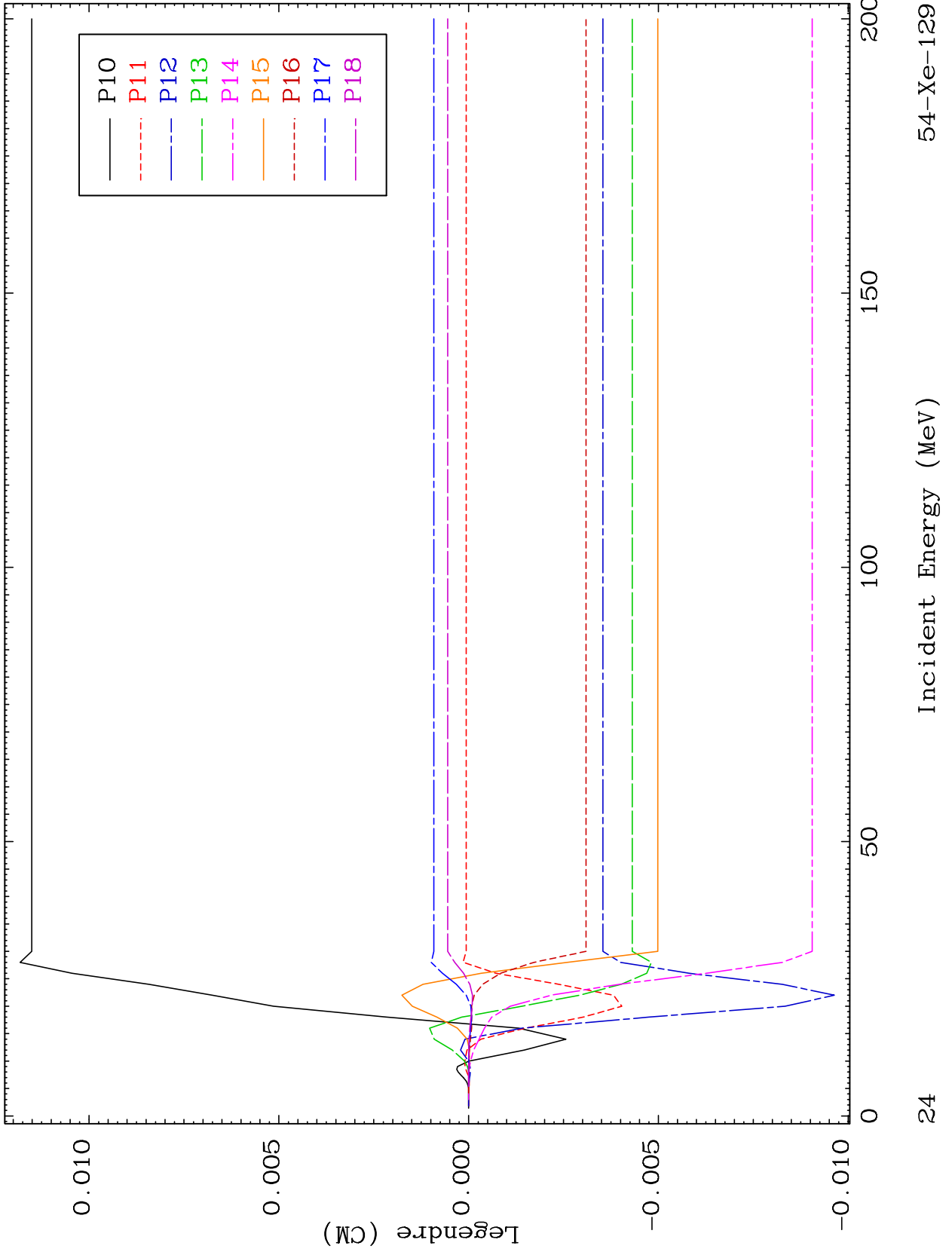
Incident Energy (MeV)

23

MAT 5440

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

54-Xe-129



24

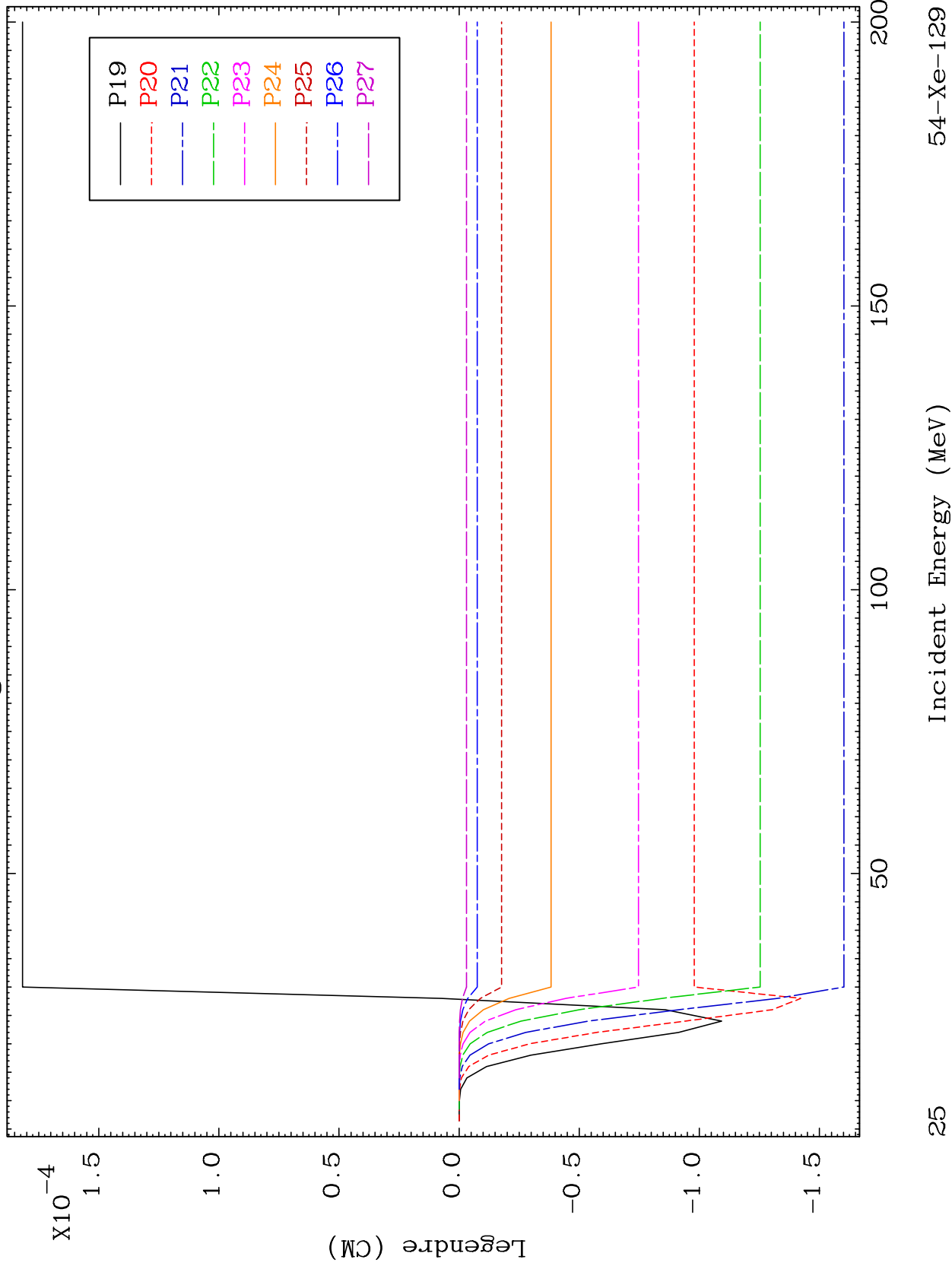
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



25

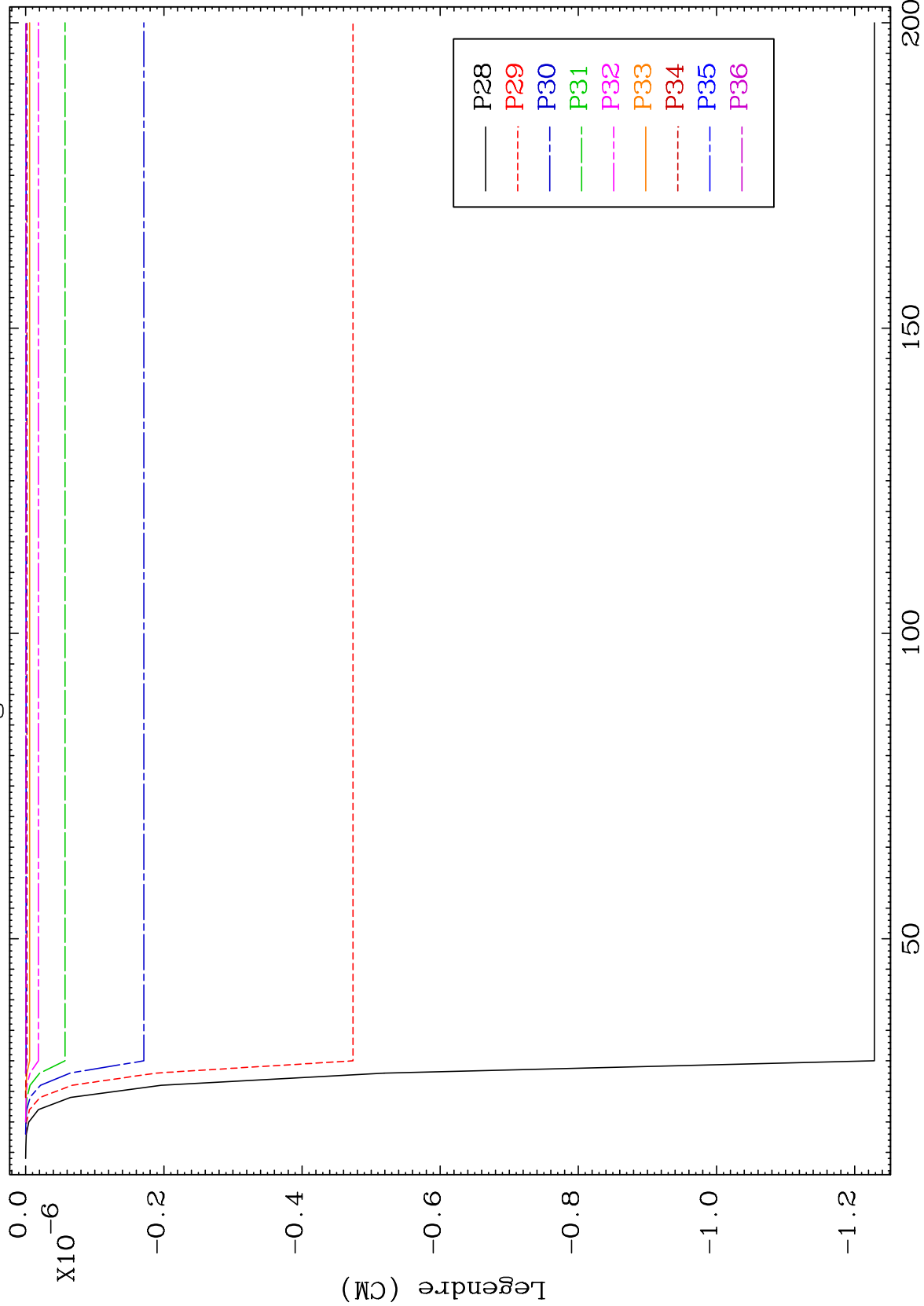
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



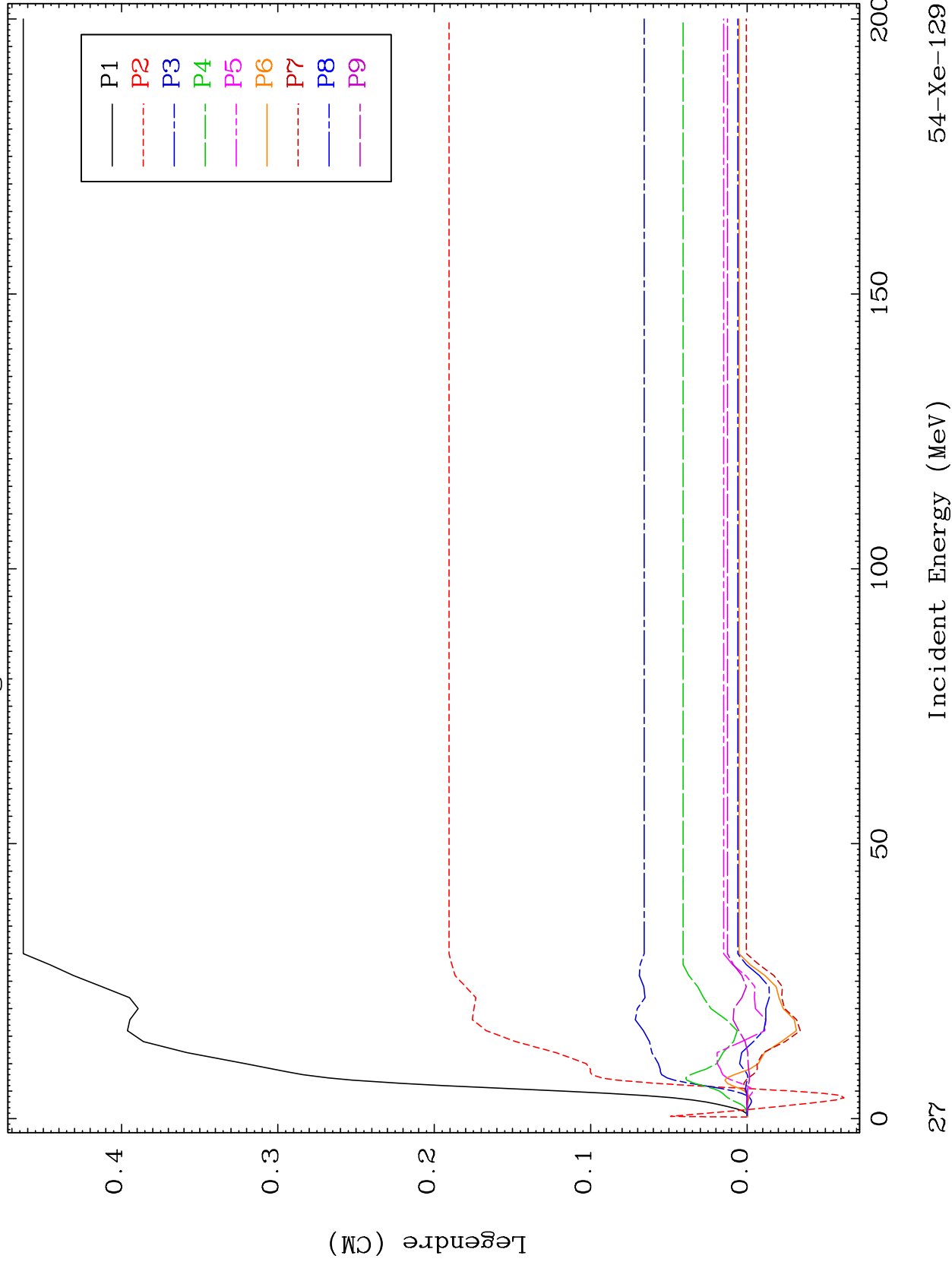
26

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

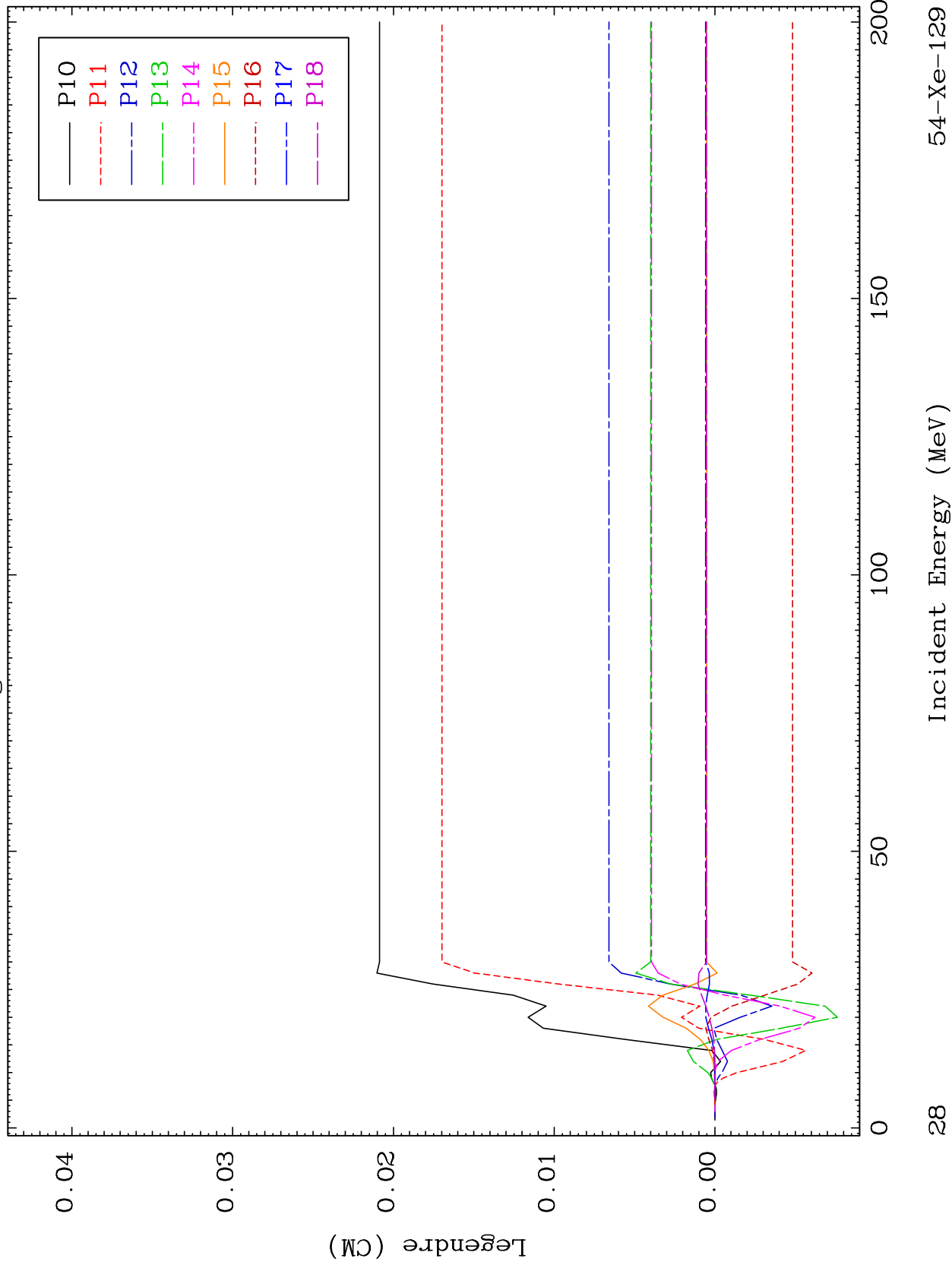
Incident Energy (MeV)

27

MAT 5440

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

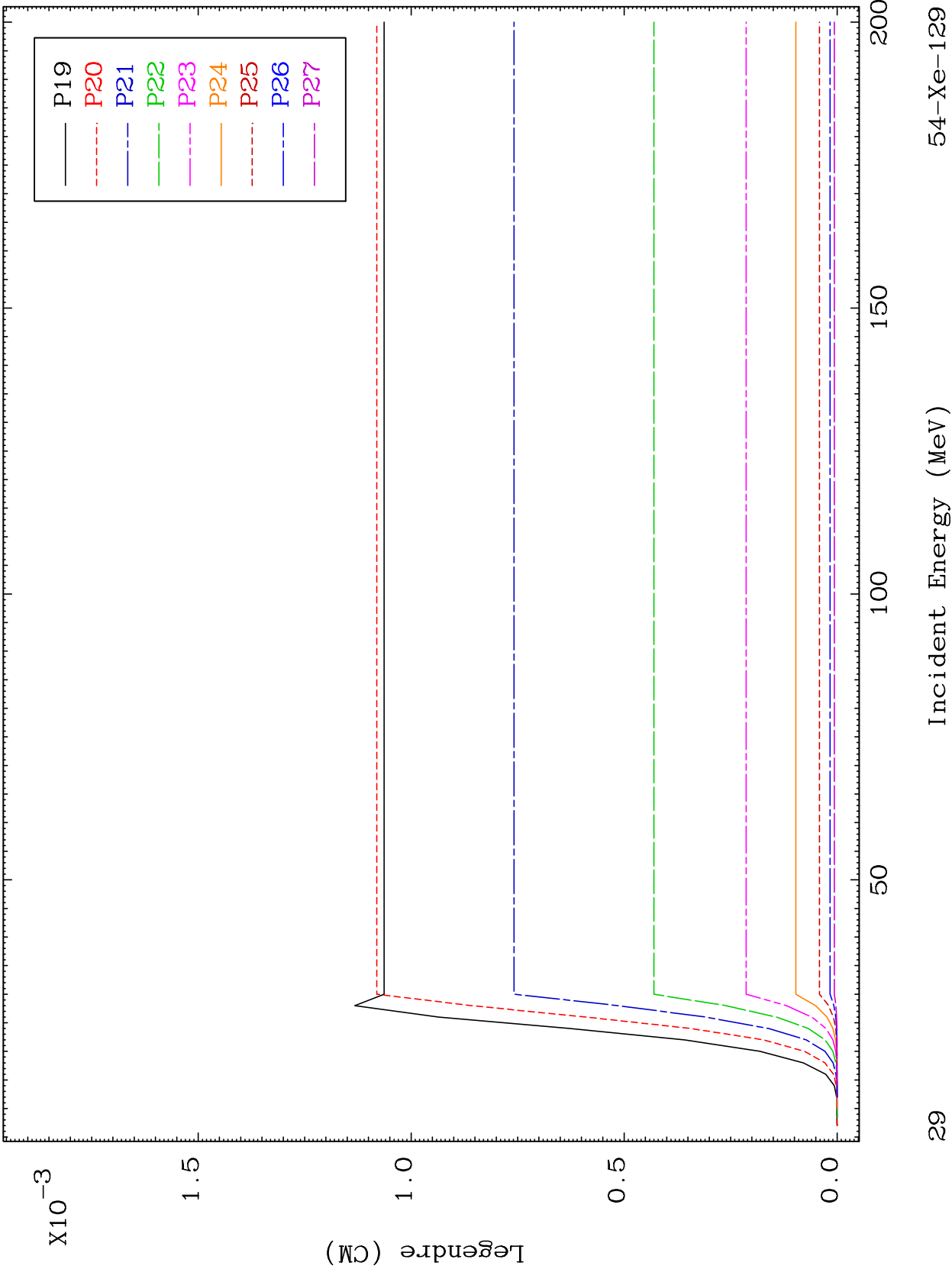
54-Xe-129



54-Xe-129

Incident Energy (MeV)

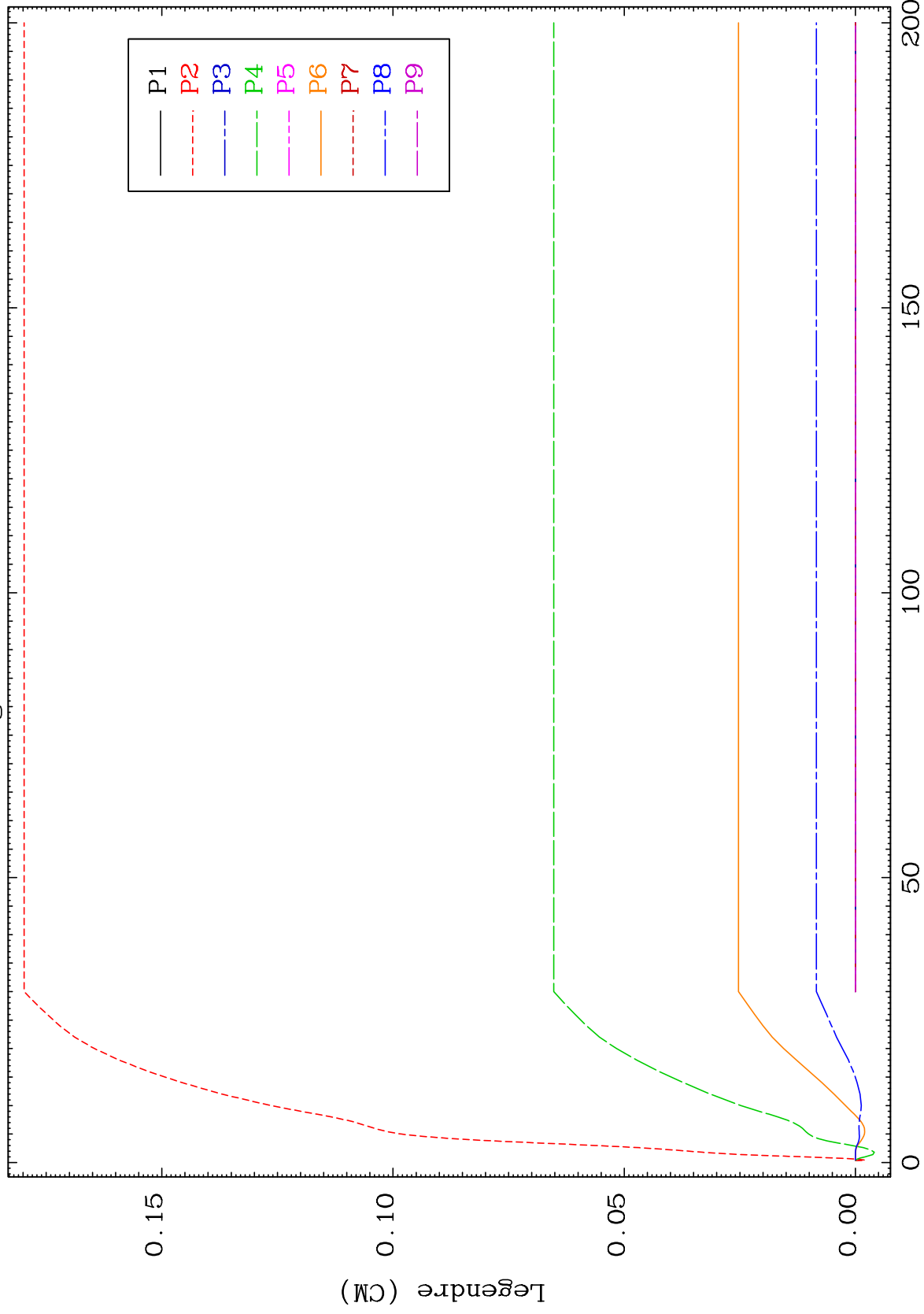
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MAT 5440

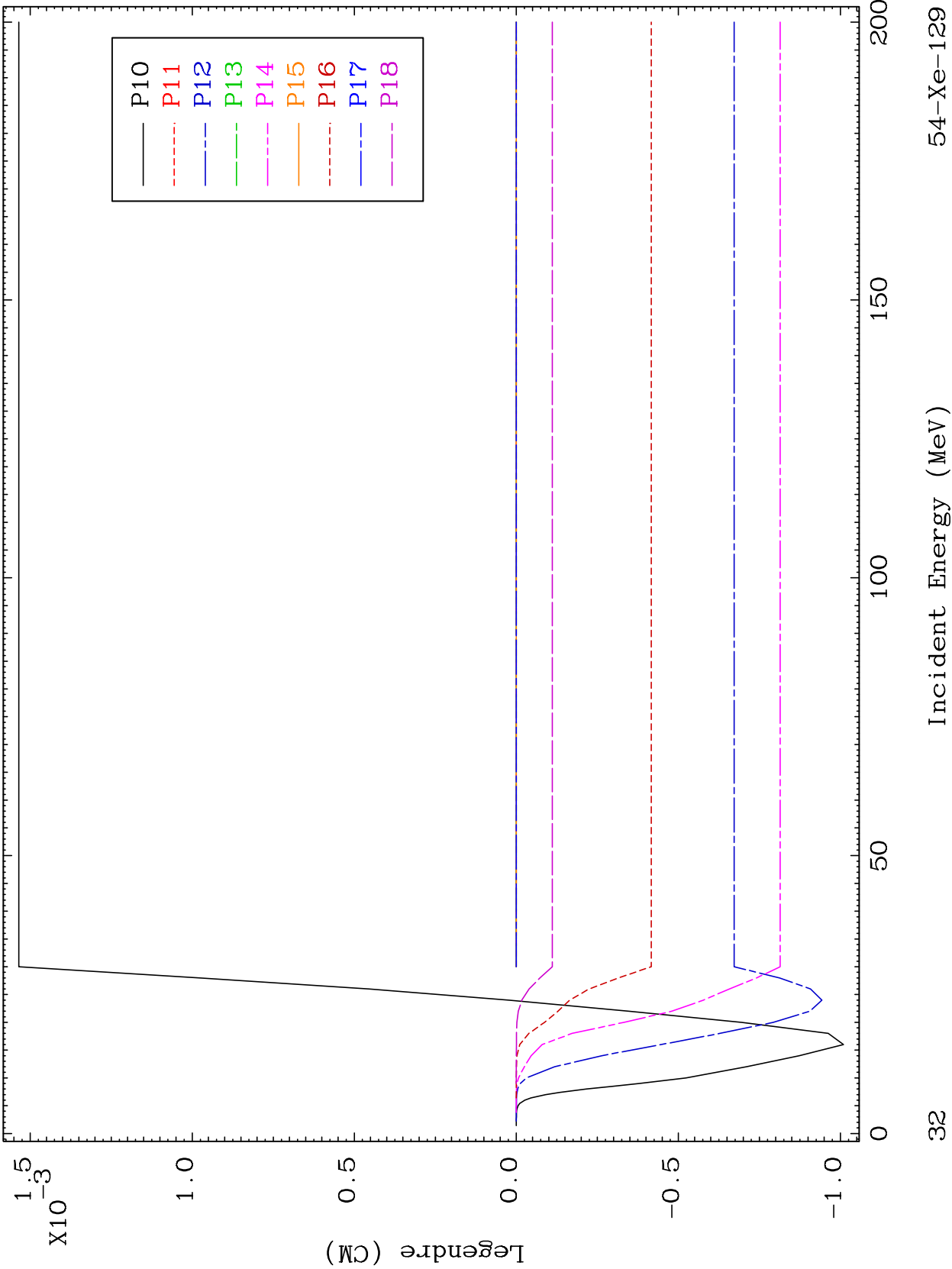
MT= 54 (n,n') Level
Legendre Coefficients

54-Xe-129



31

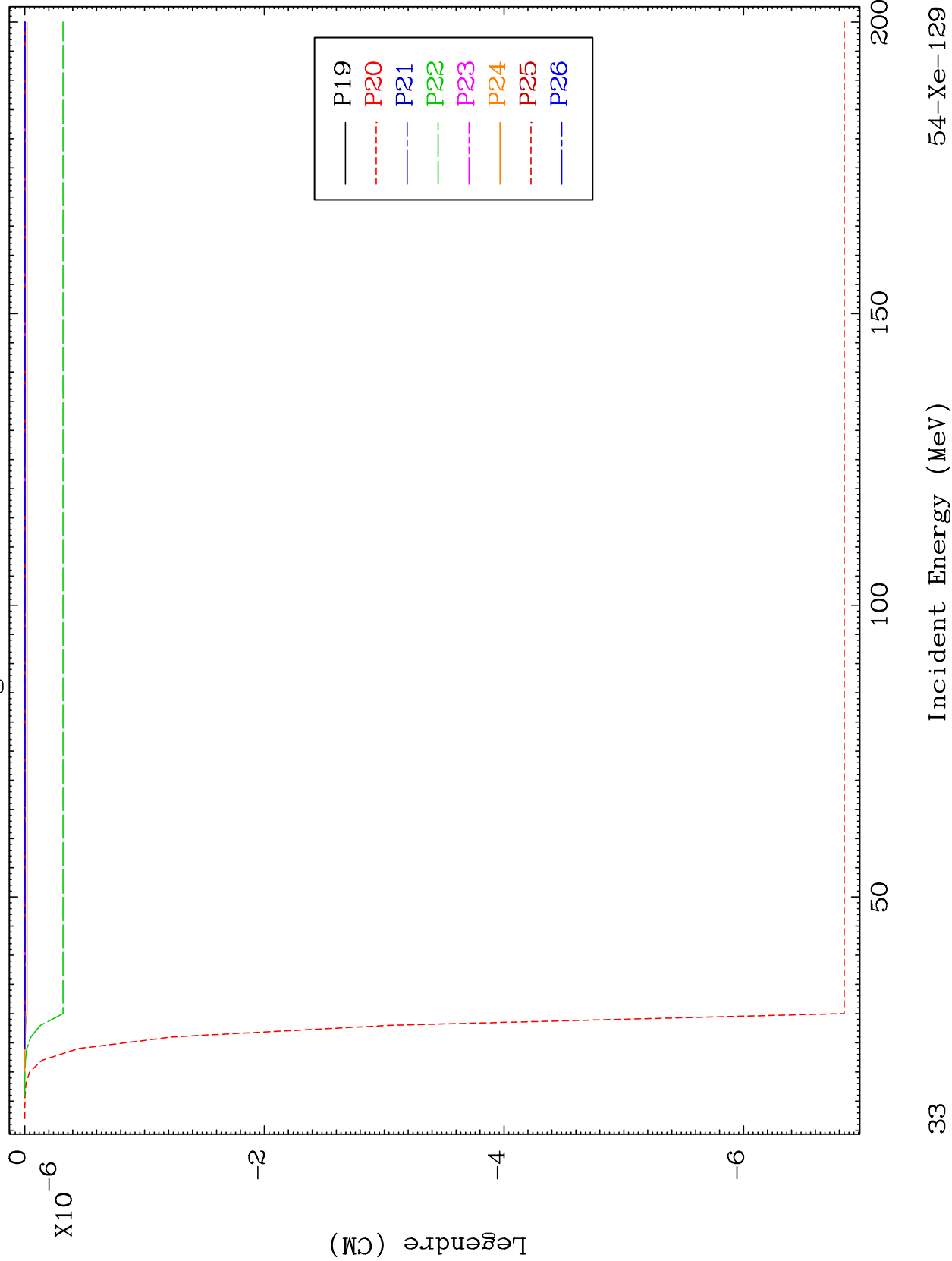
54-Xe-129



MAT 5440

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

54-Xe-129

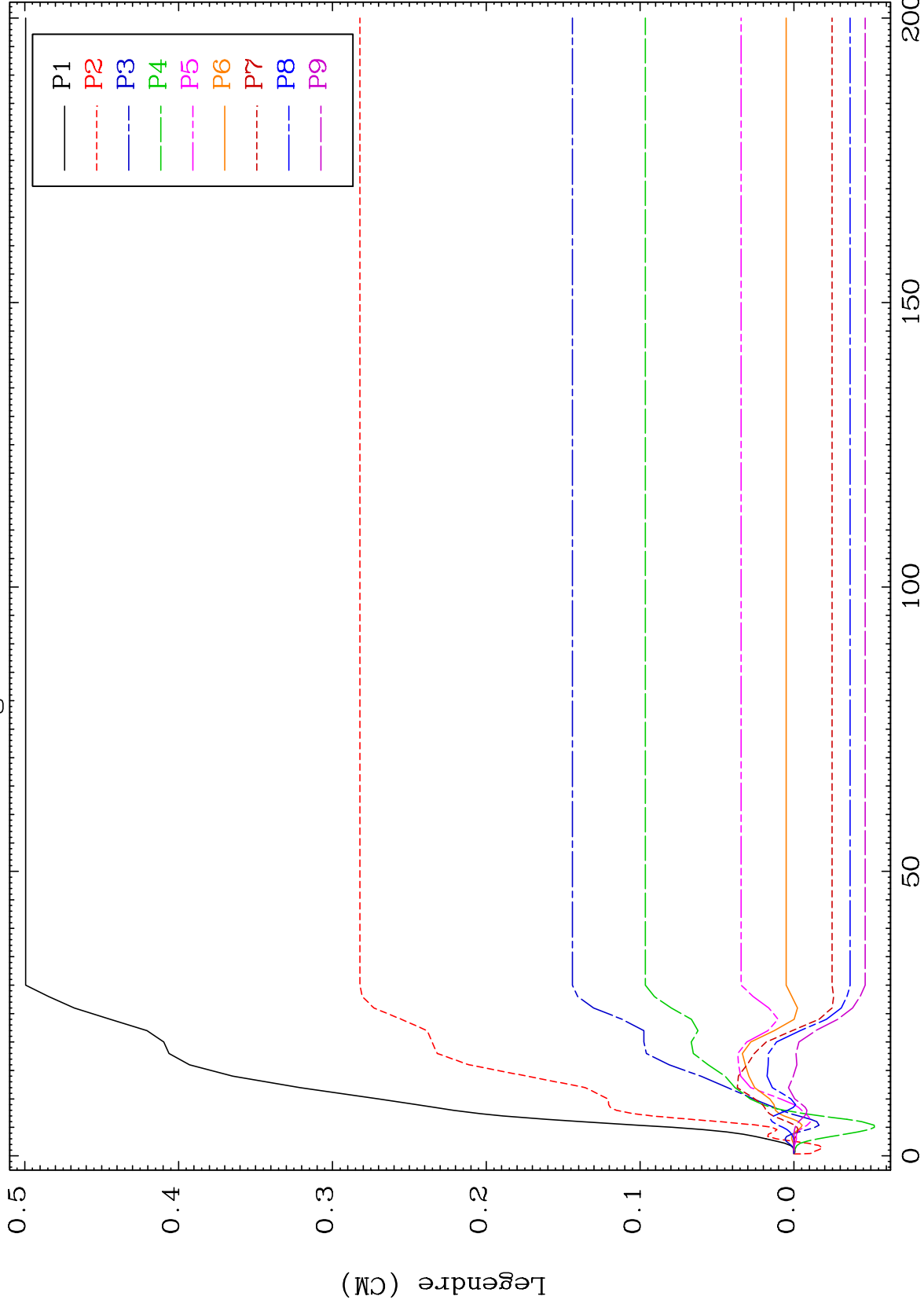


MAT 5440

MT= 55 (n,n') Level

54-Xe-129

Legendre Coefficients



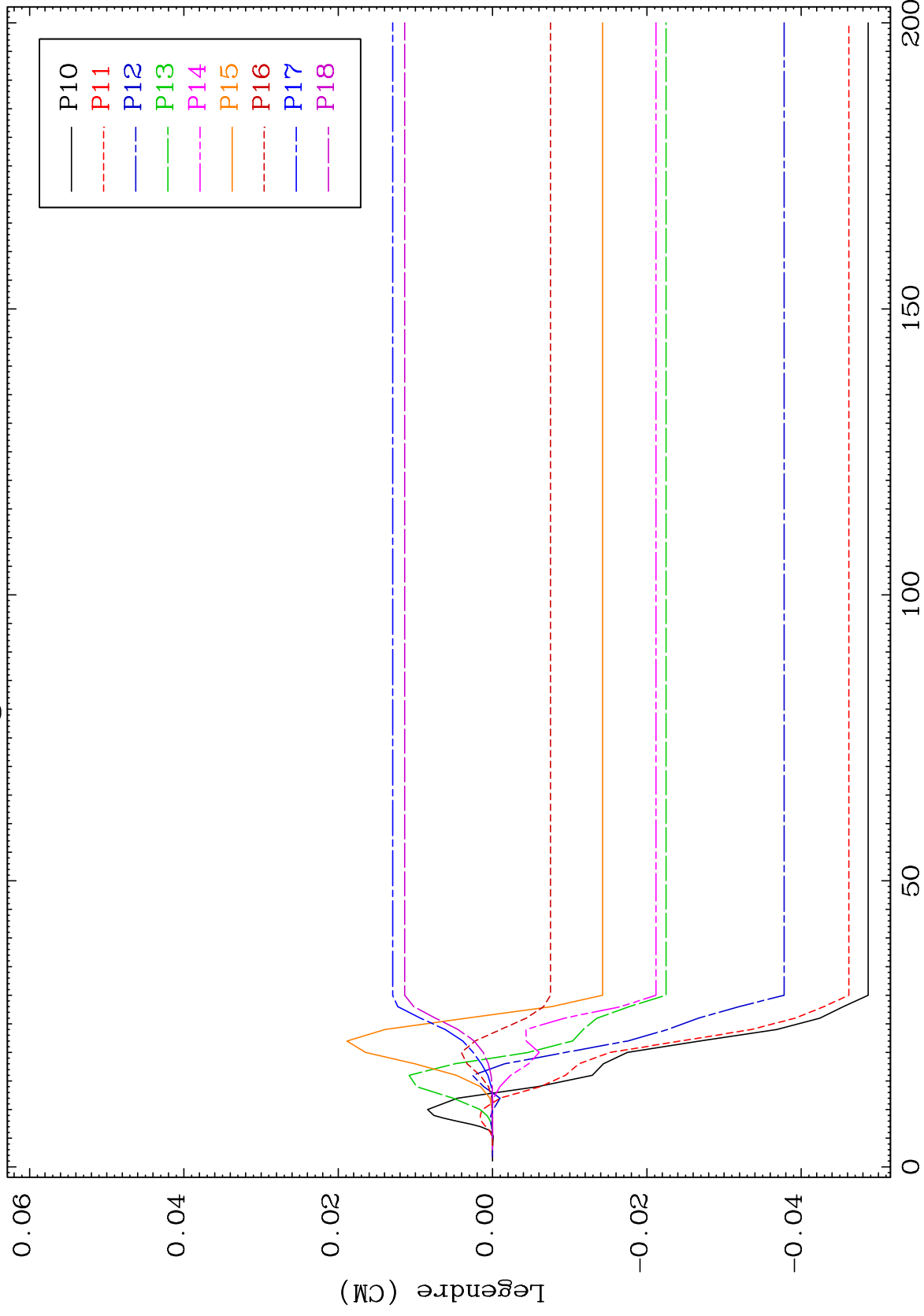
34

54-Xe-129

MAT 5440

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

54-Xe-129



35

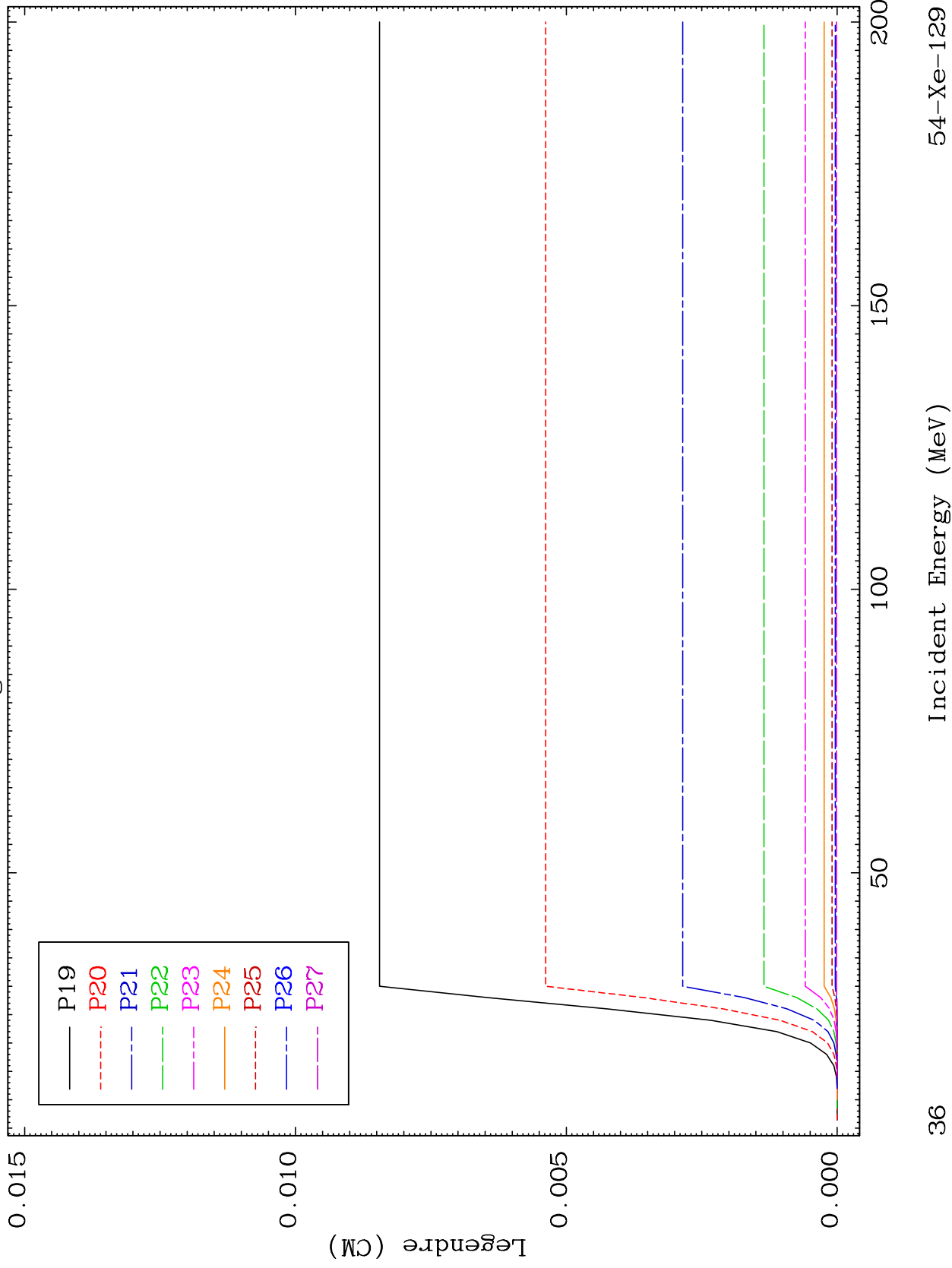
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



36

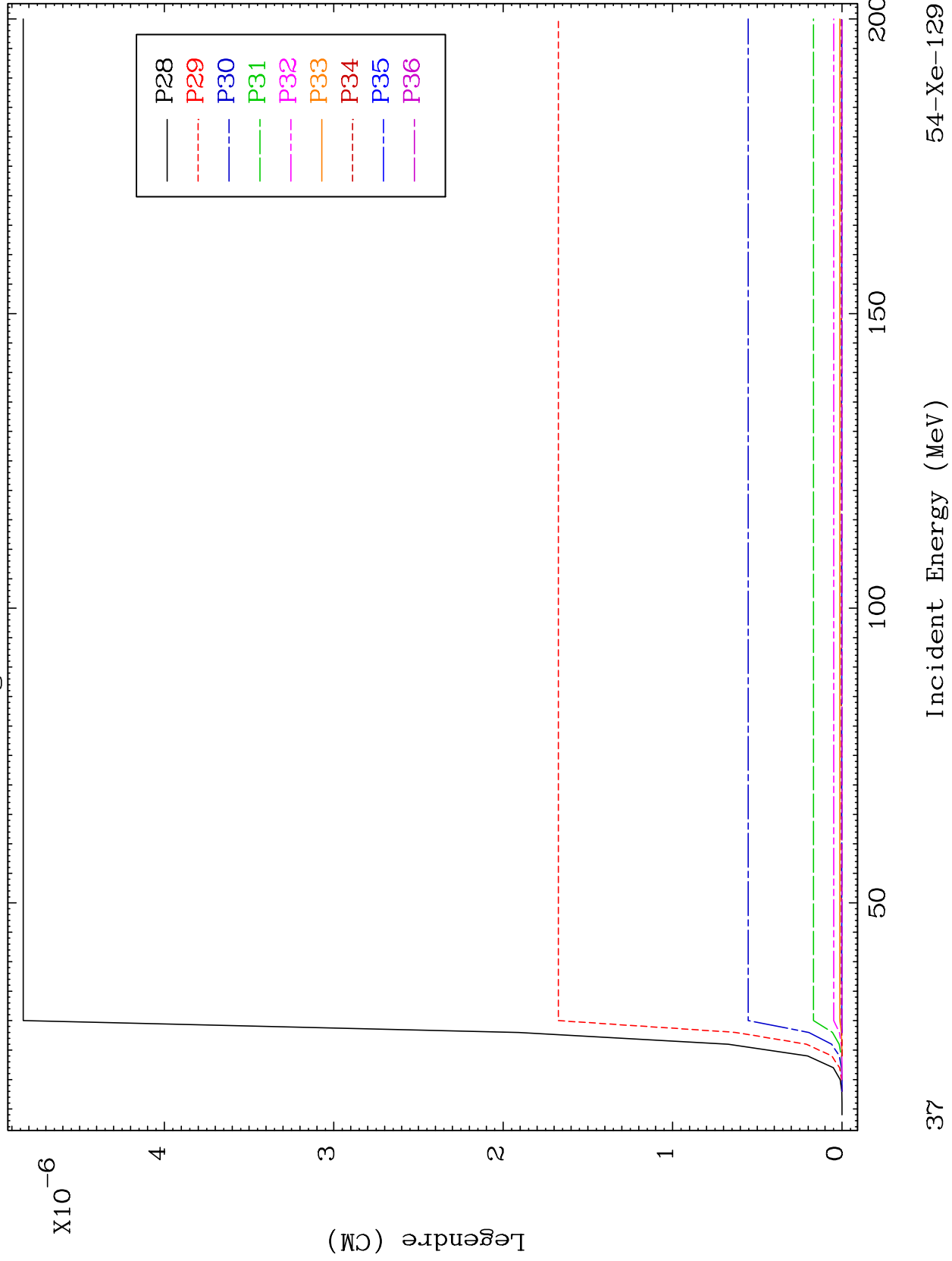
Incident Energy (MeV)

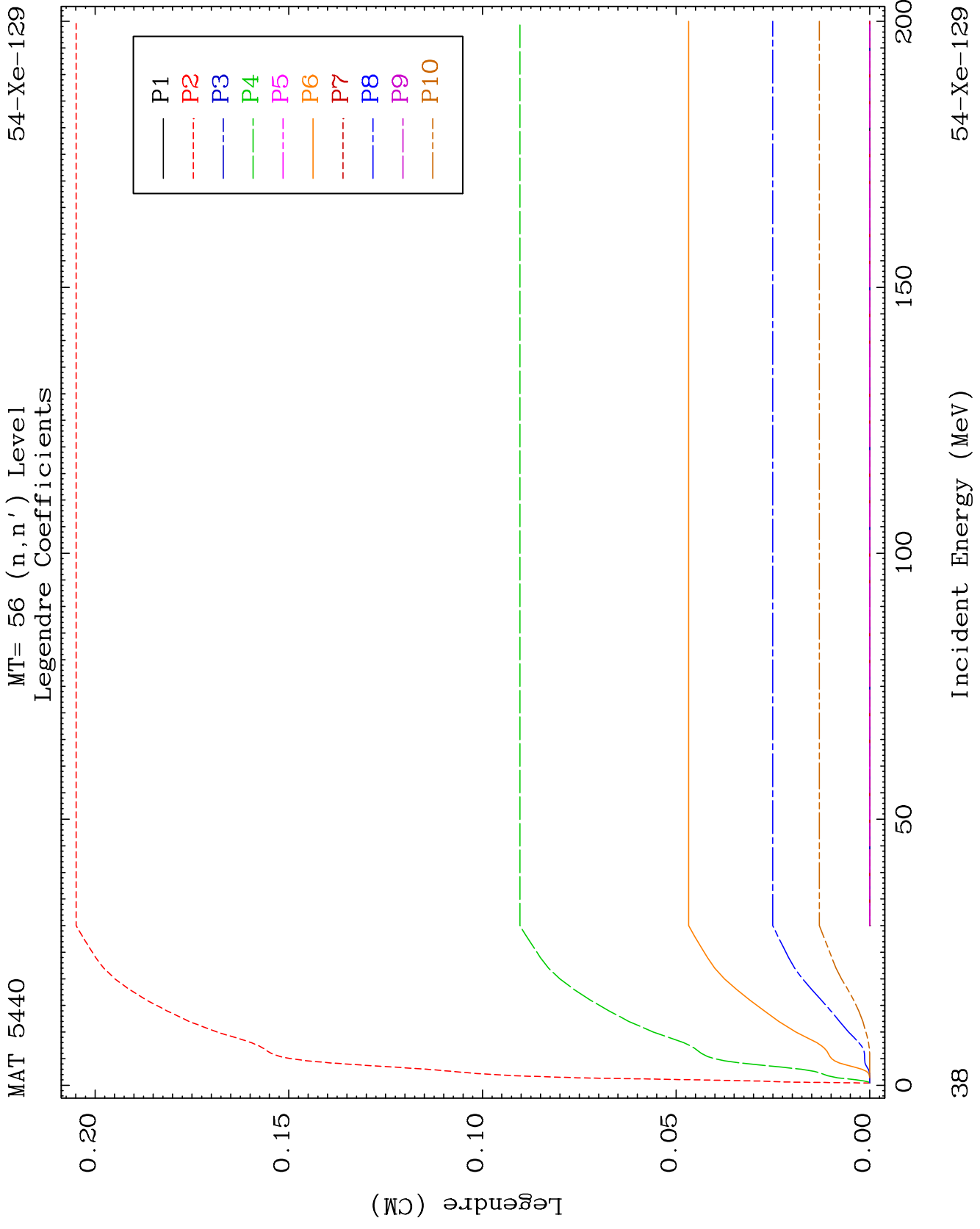
54-Xe-129

MAT 5440

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

54-Xe-129

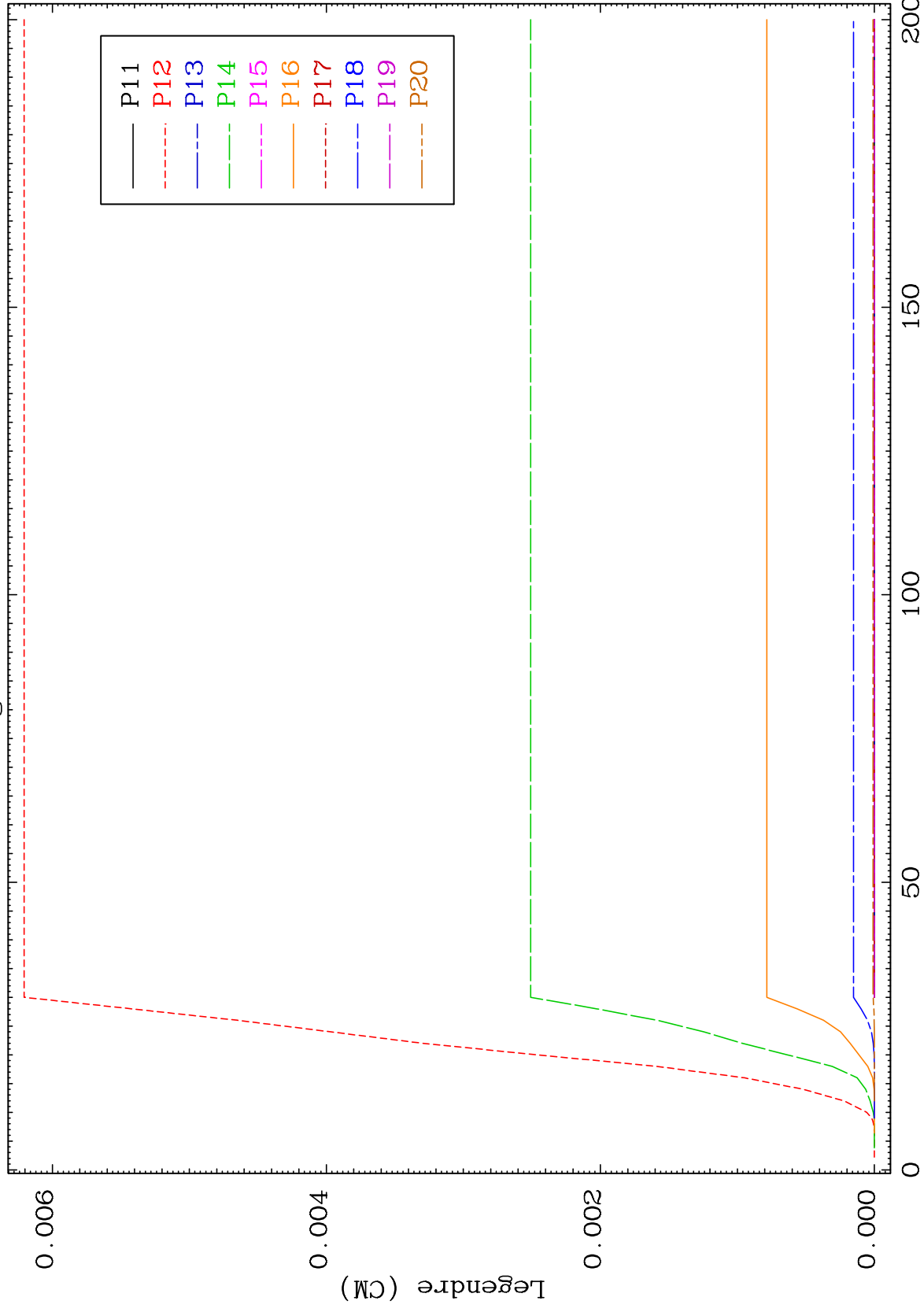




MAT 5440

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

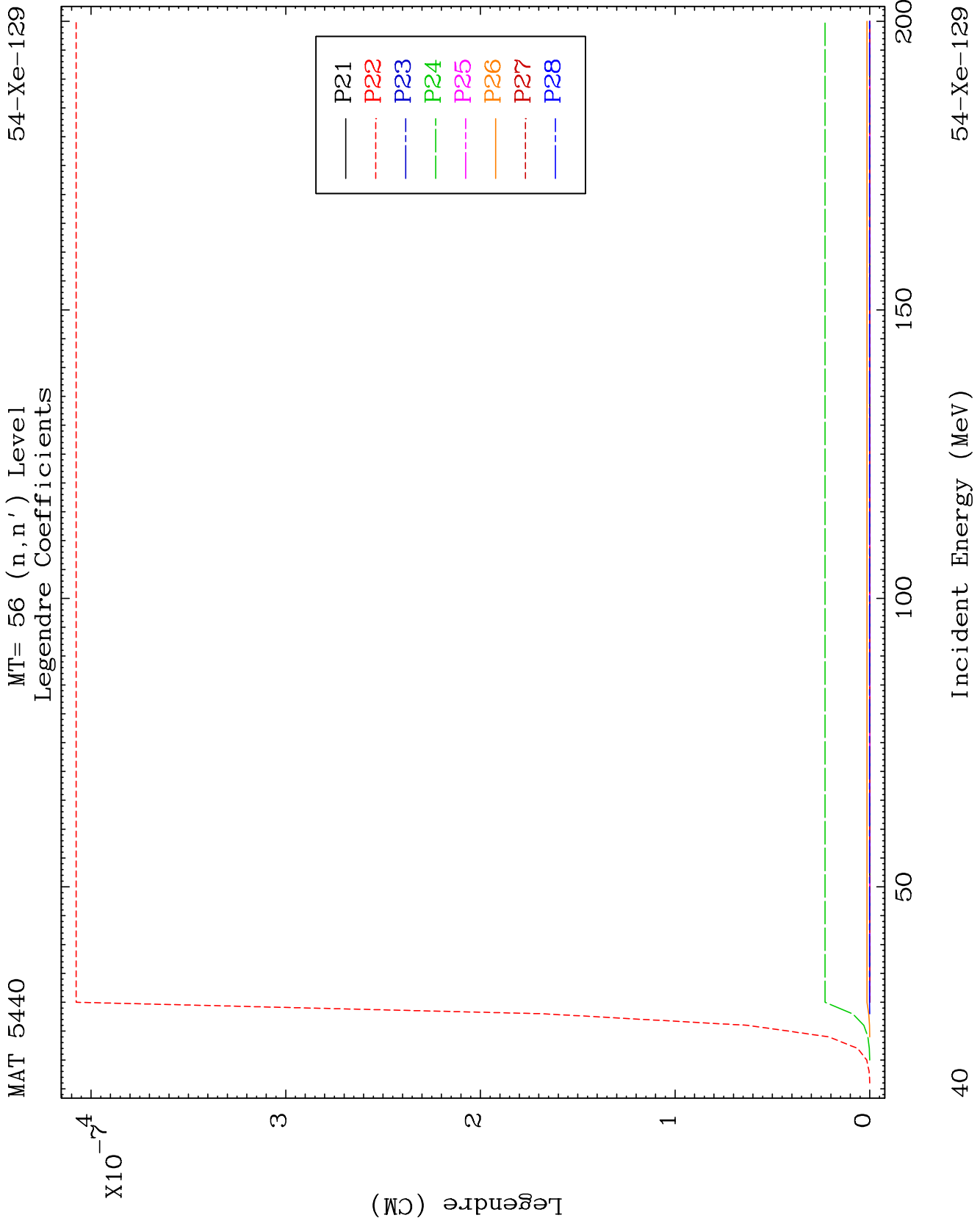
54-Xe-129



39

Incident Energy (MeV)

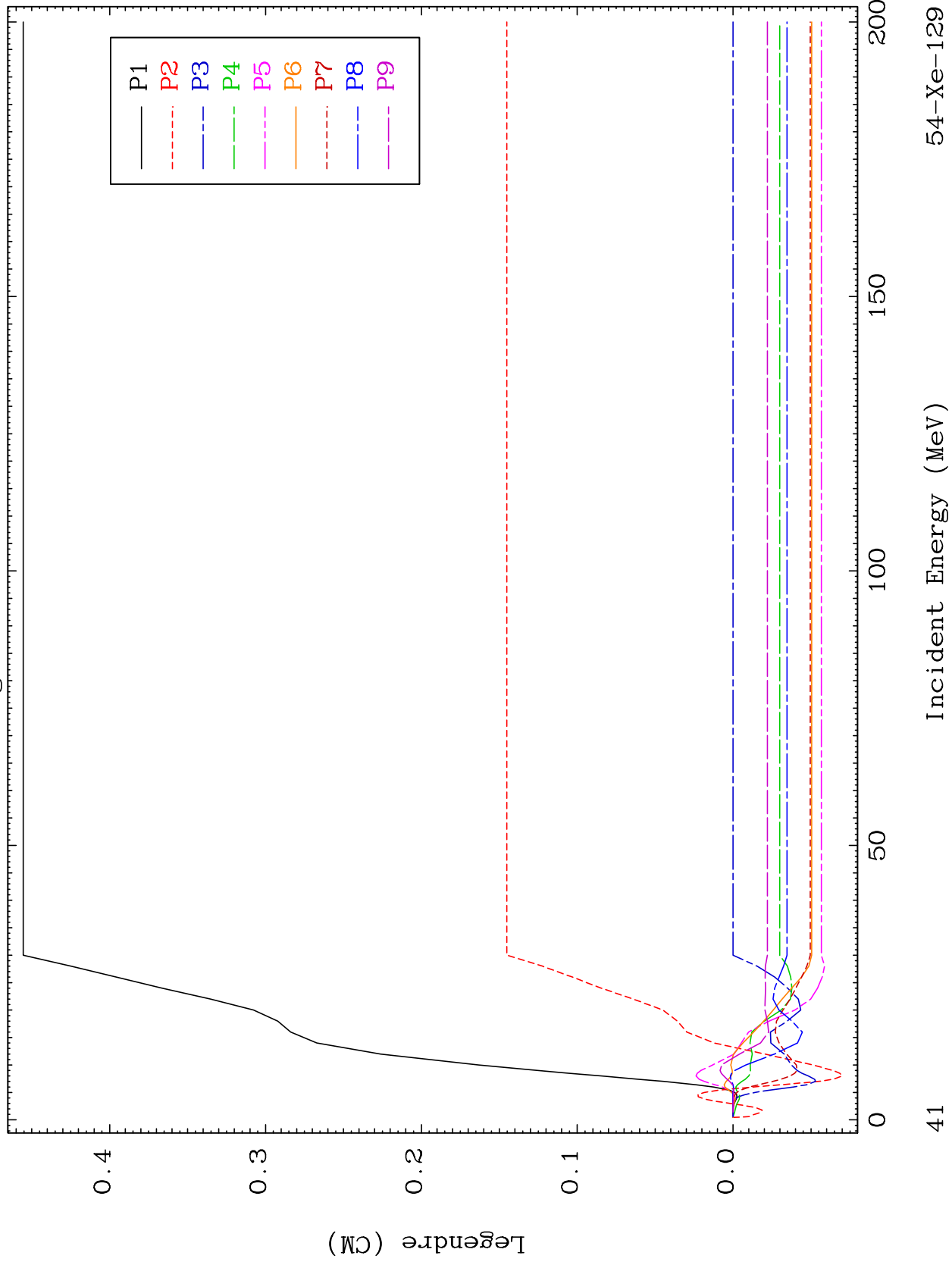
54-Xe-129



MAT 5440

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

54-Xe-129



54-Xe-129

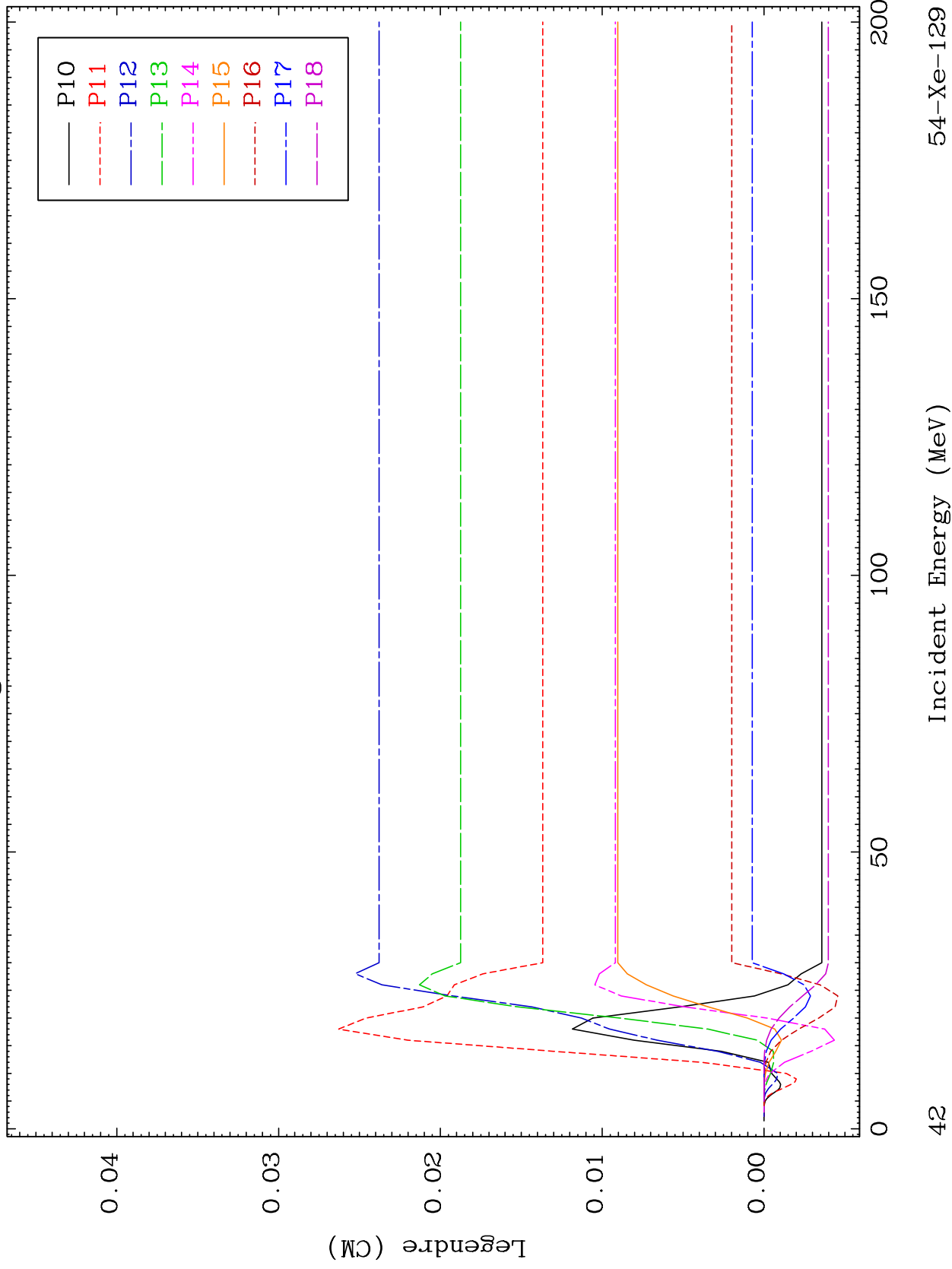
Incident Energy (MeV)

41

MAT 5440

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

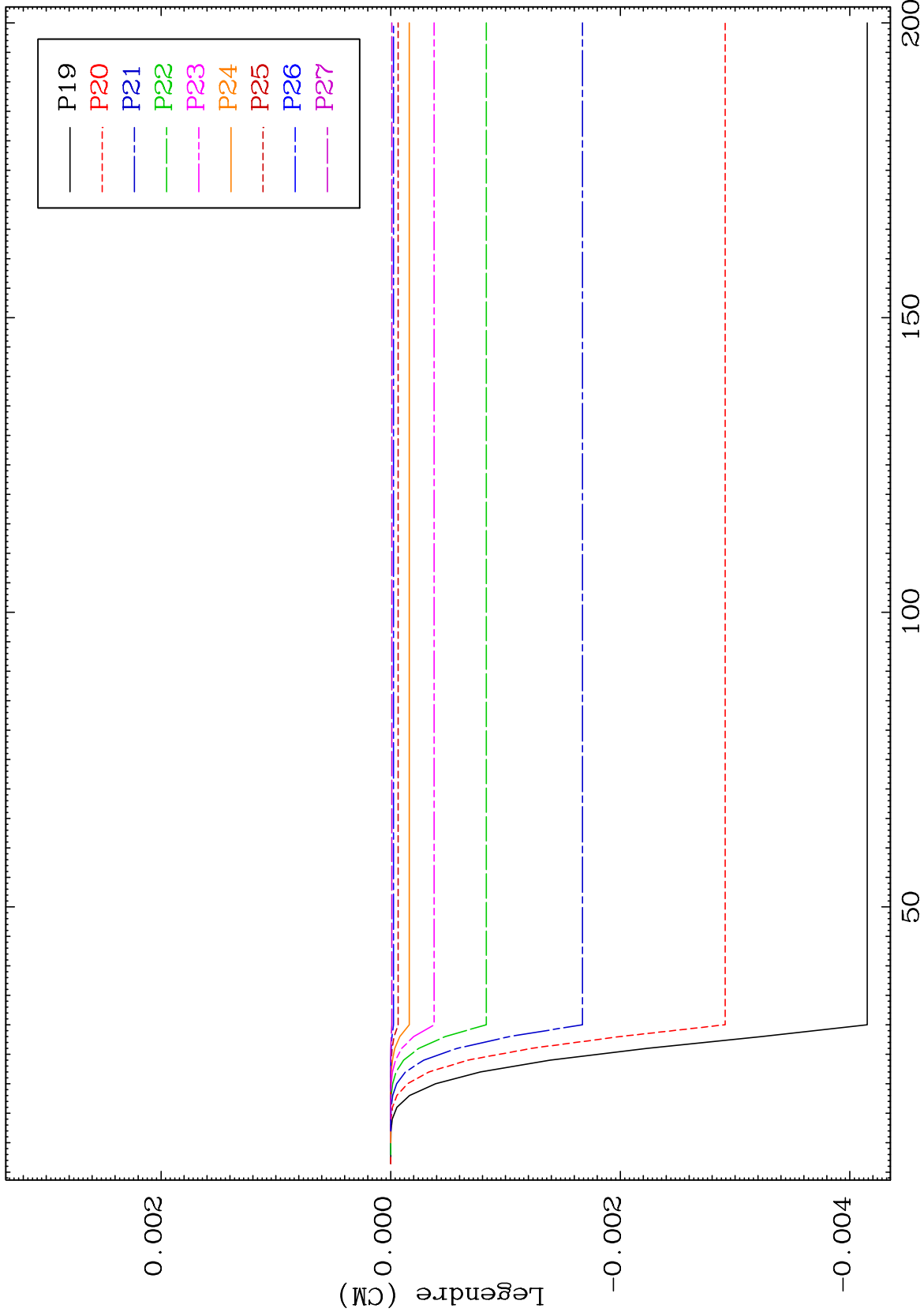
54-Xe-129



MAT 5440

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

54-Xe-129



43

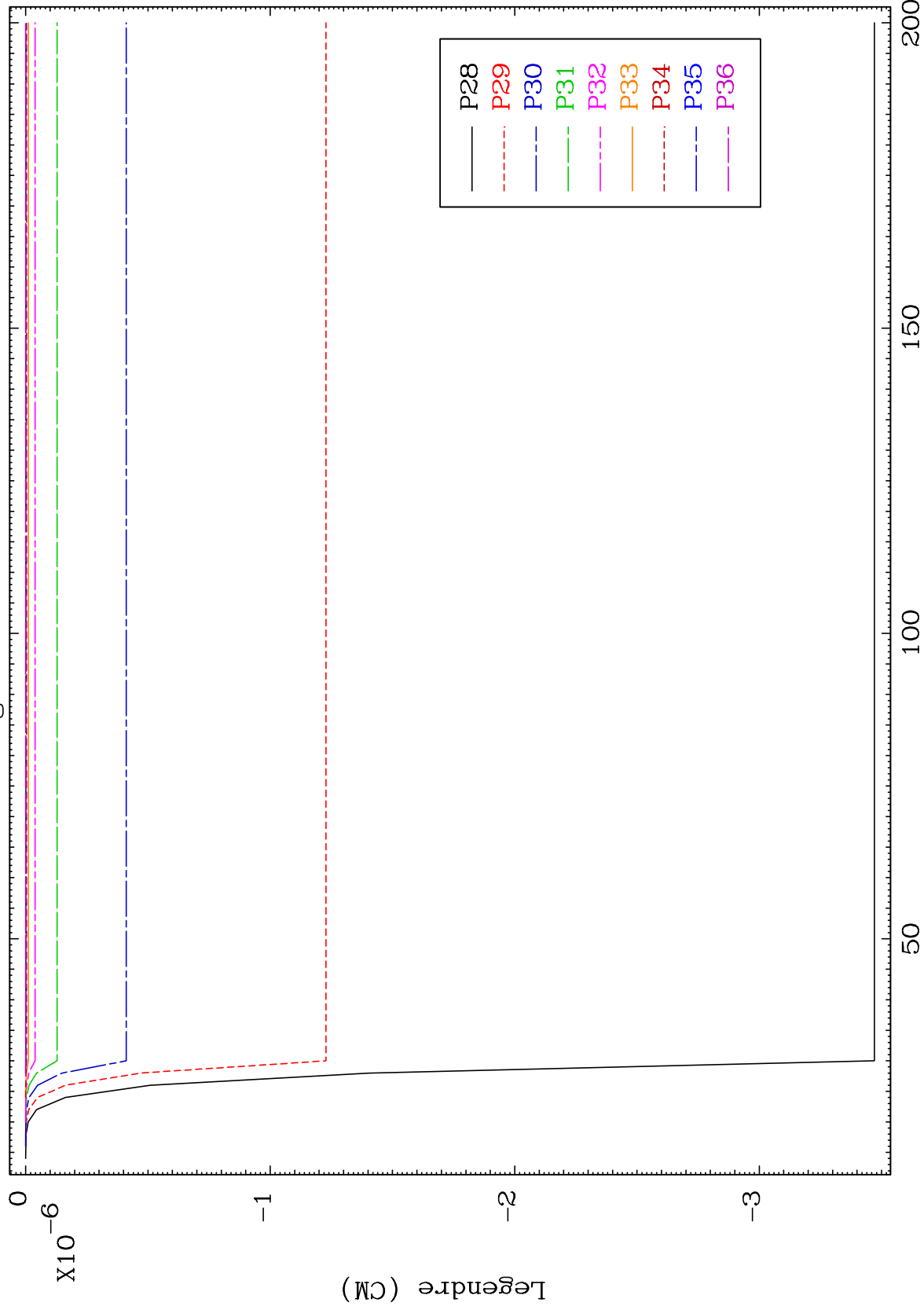
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



44

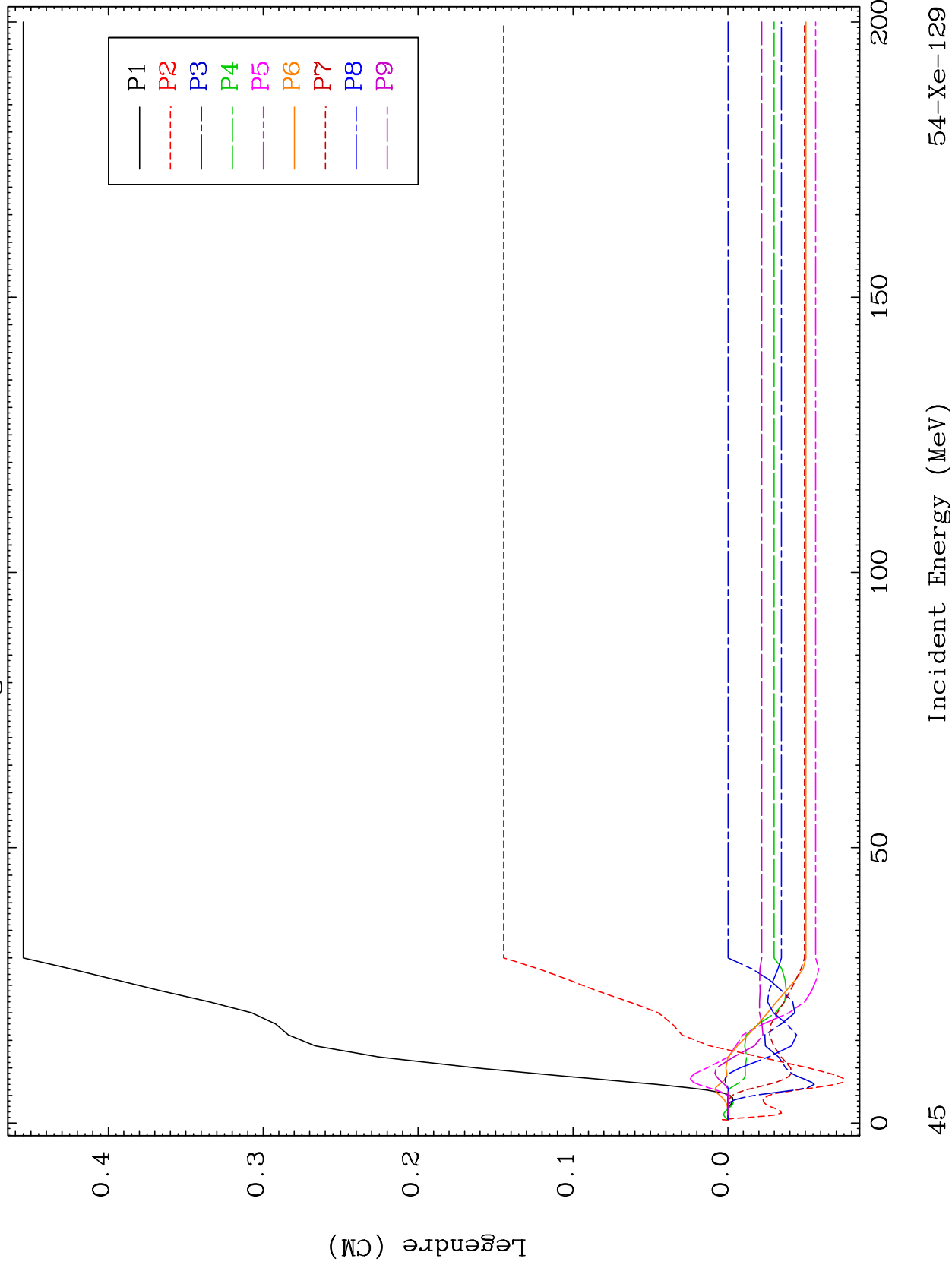
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

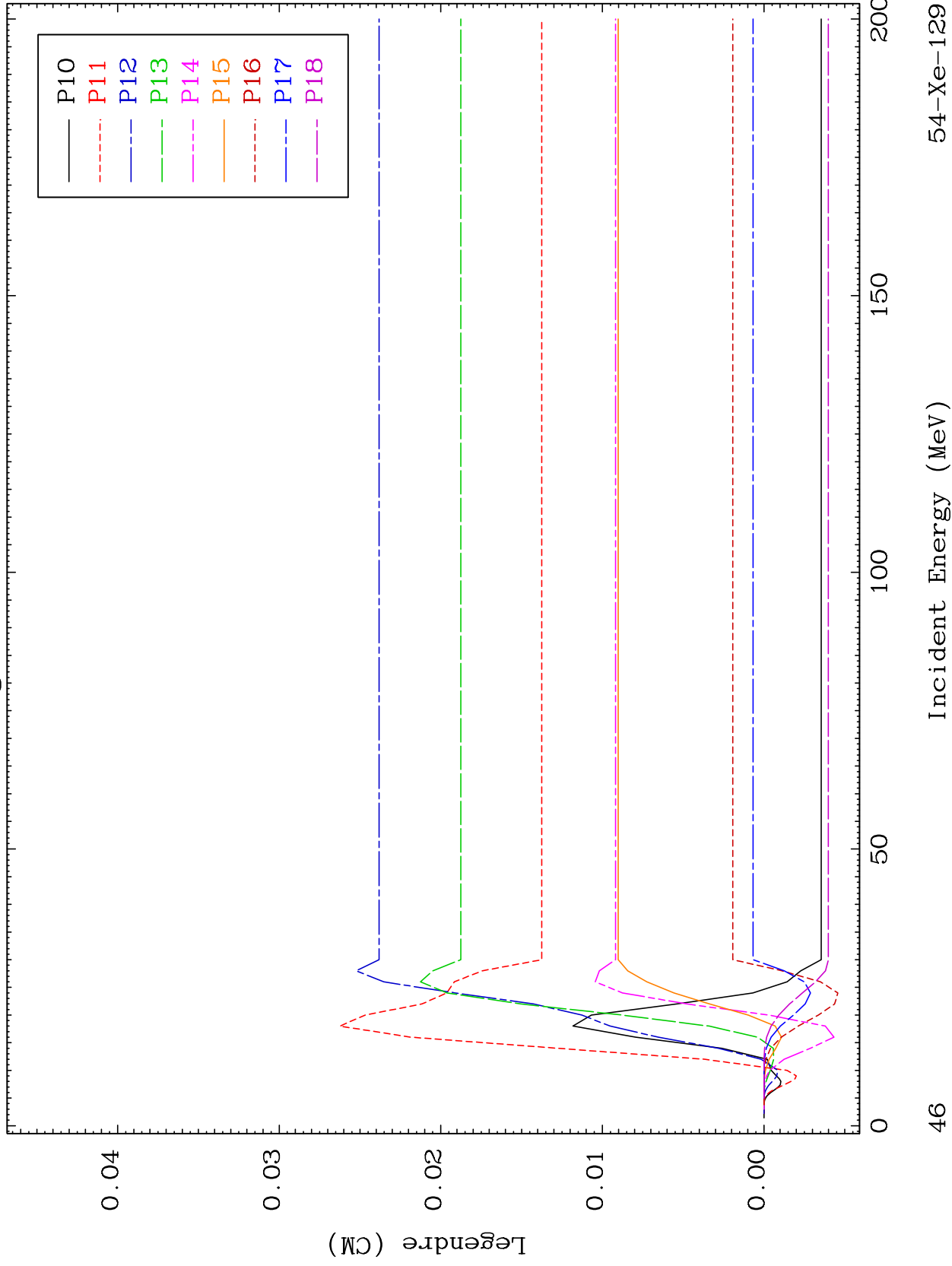
Incident Energy (MeV)

45

MAT 5440

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

54-Xe-129



54-Xe-129

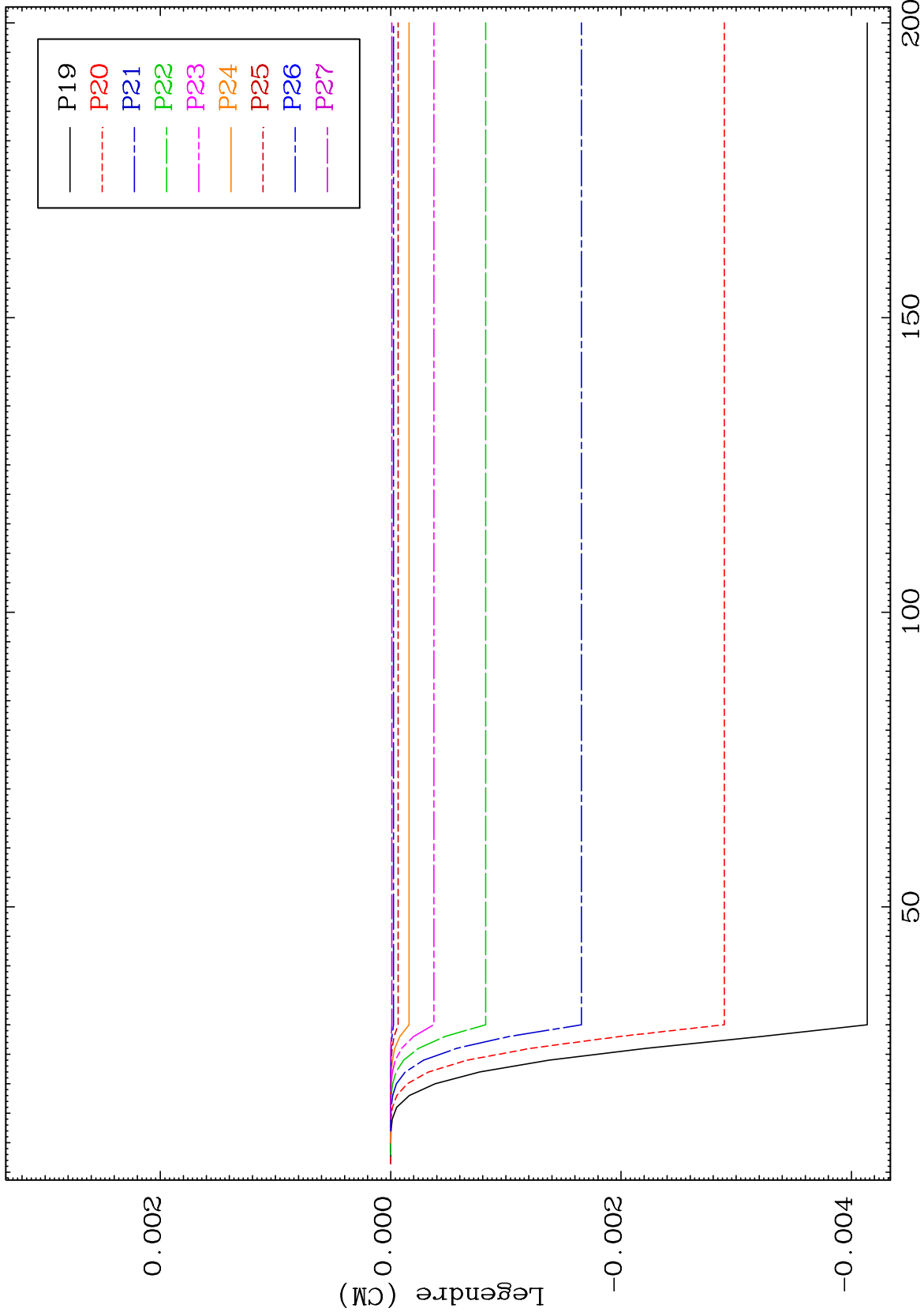
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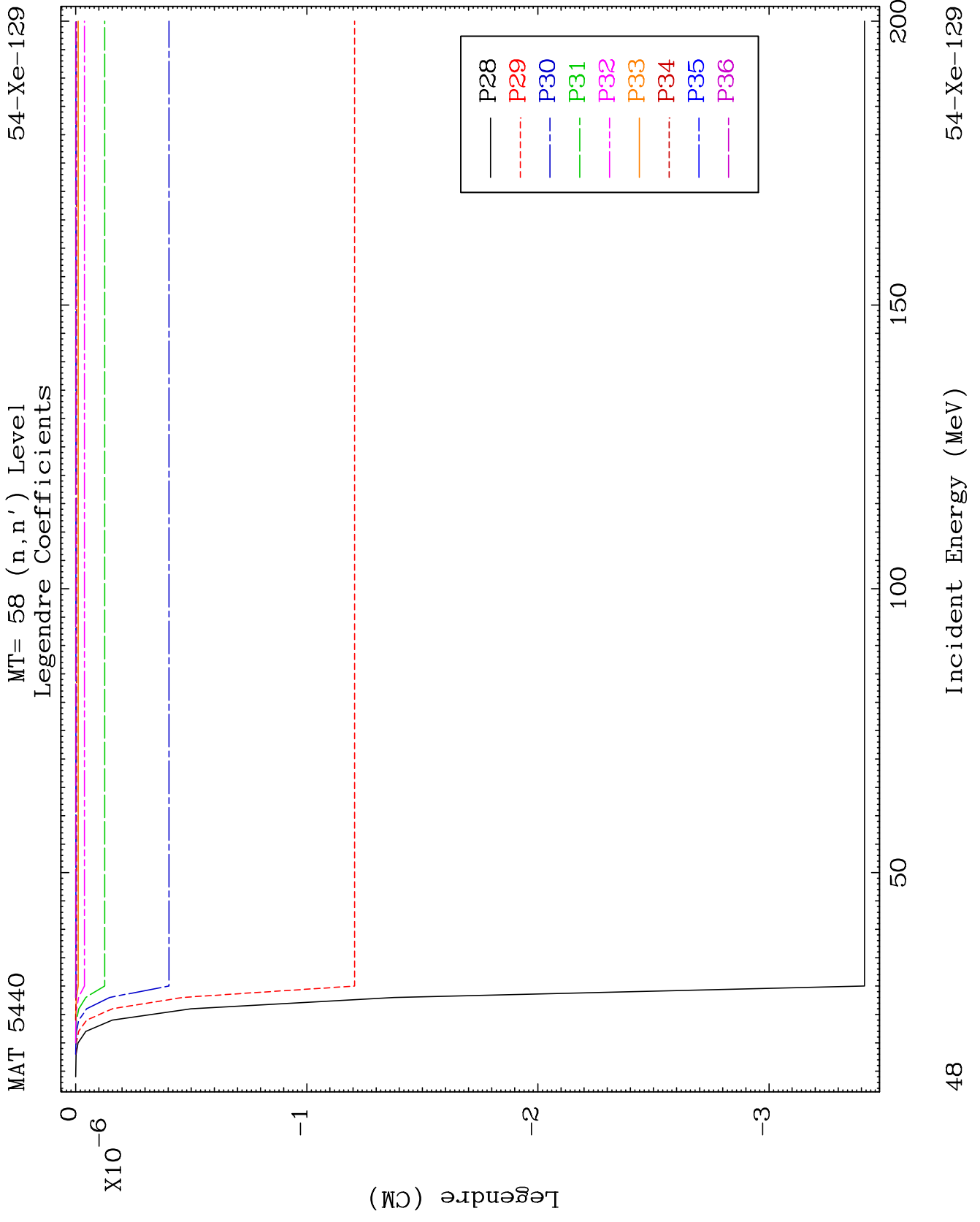
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MAT 5440

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

54-Xe-129

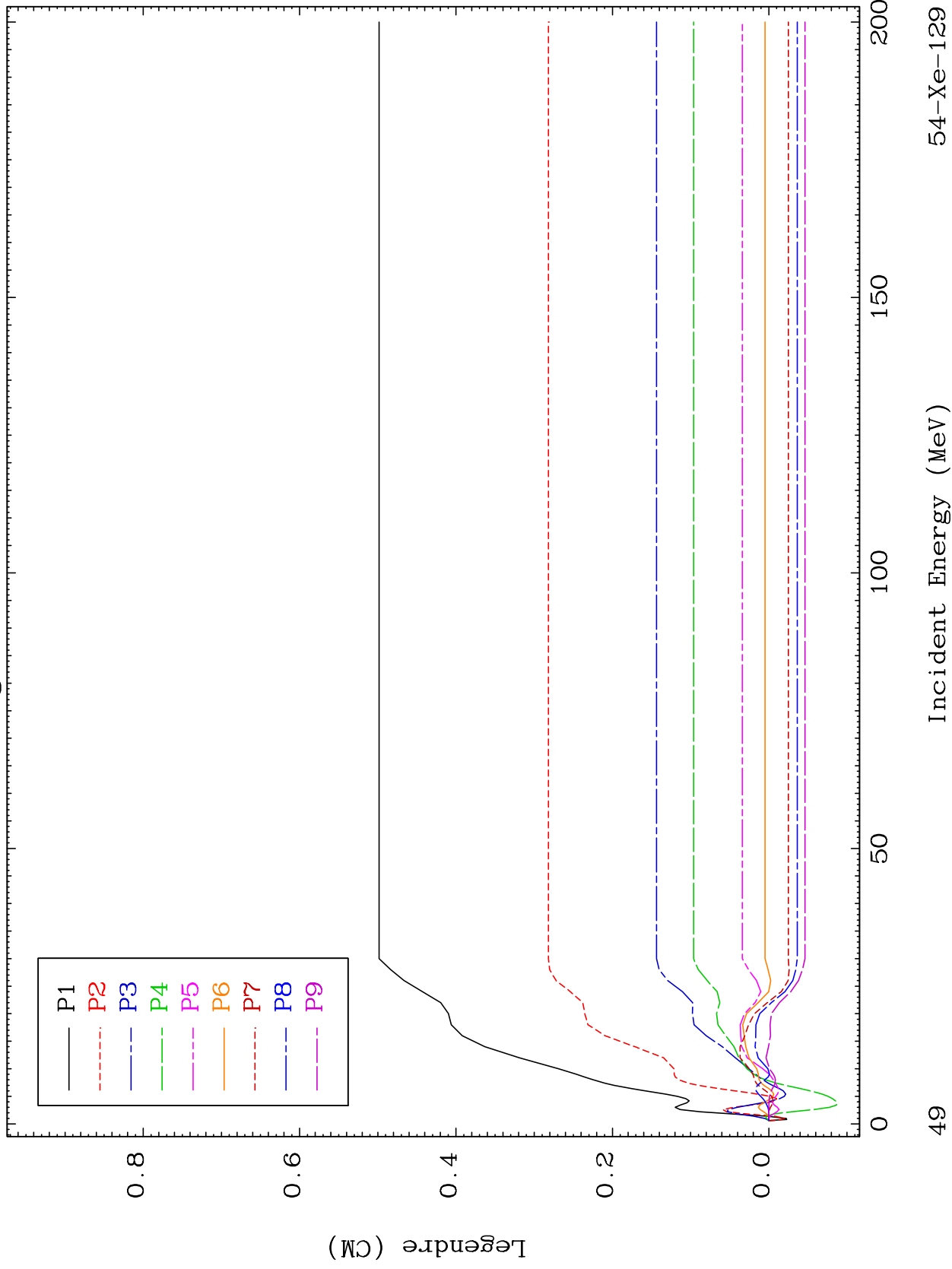




MAT 5440

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

54-Xe-129



54-Xe-129

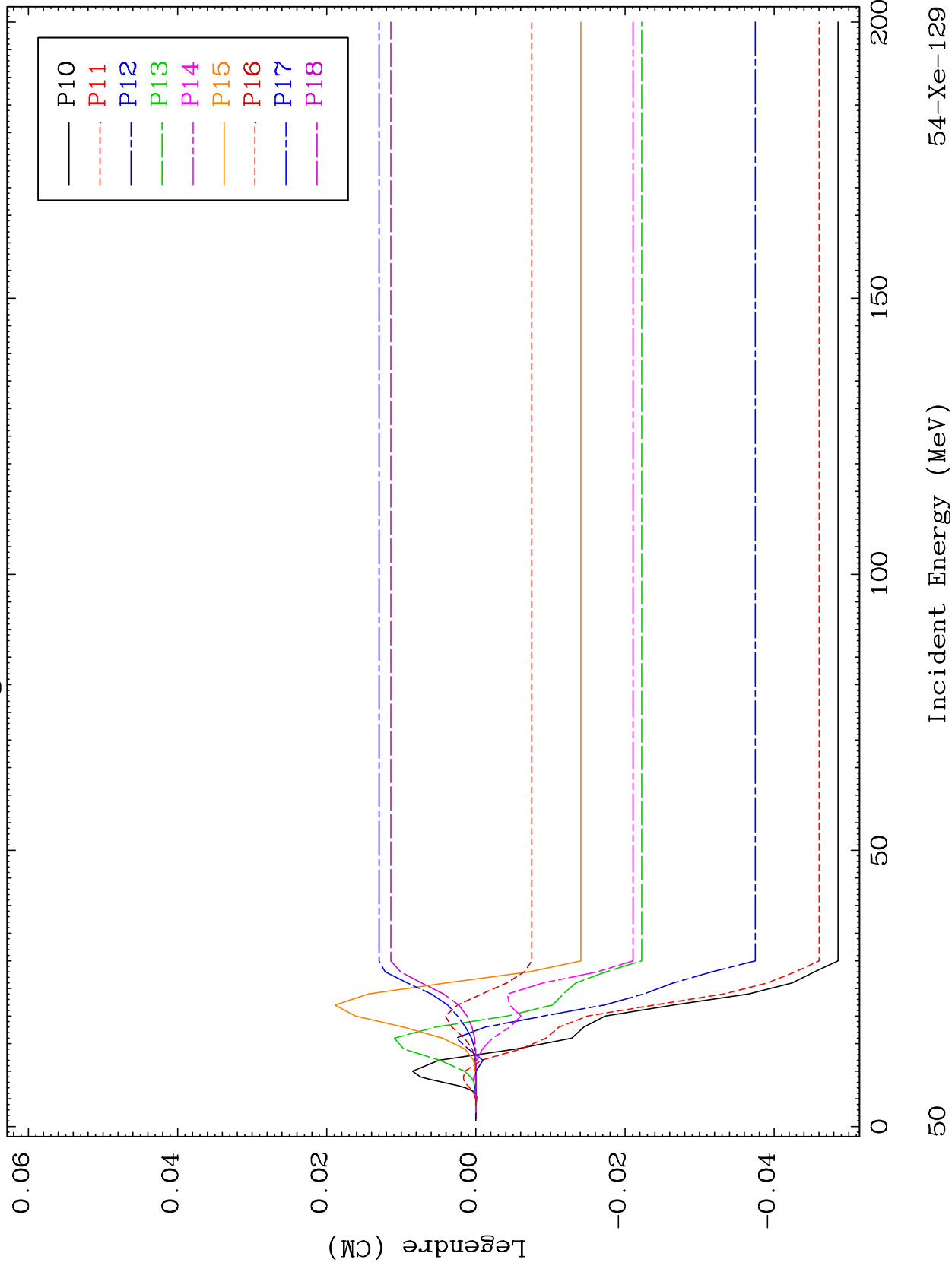
Incident Energy (MeV)

49

MAT 5440

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

54-Xe-129



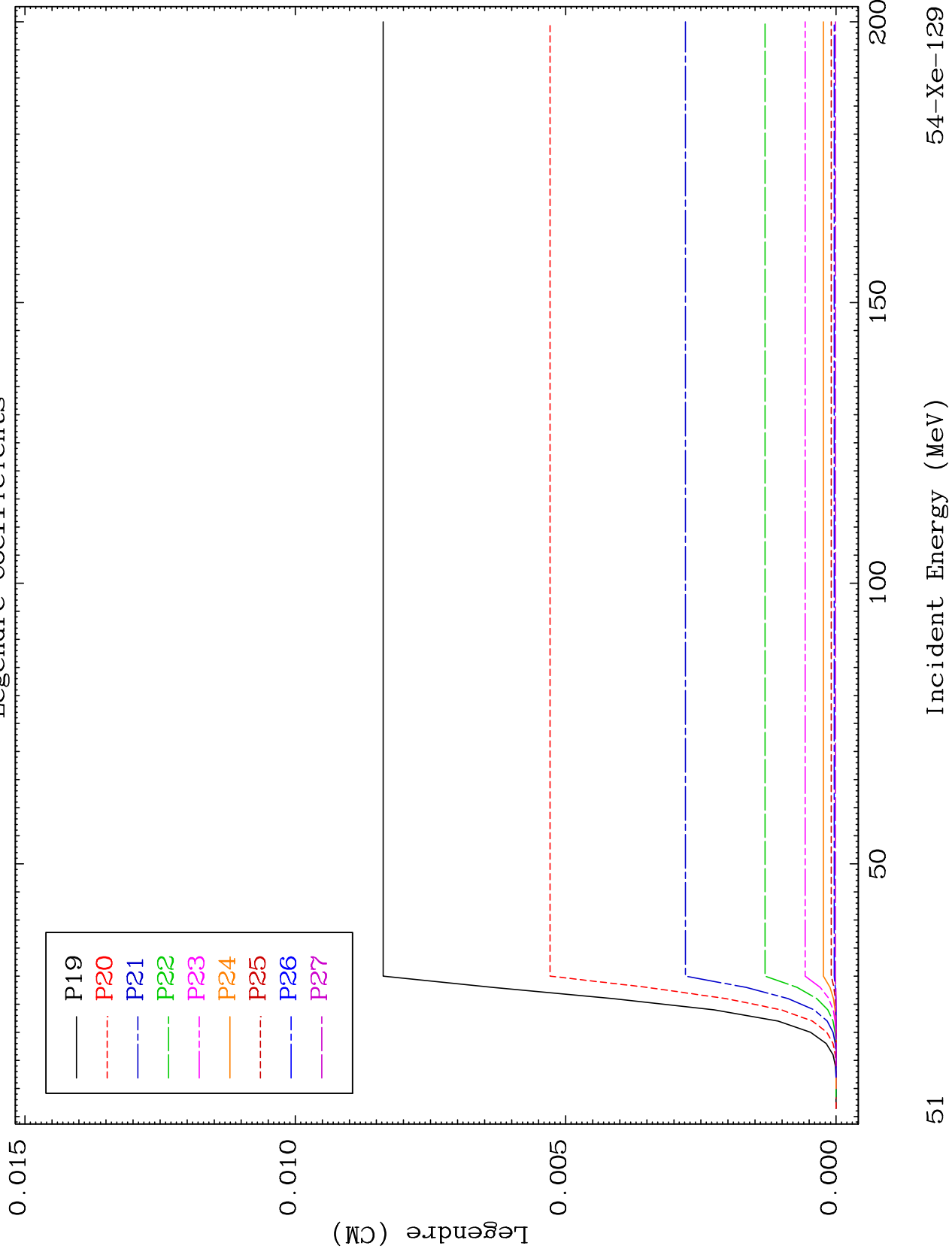
54-Xe-129

Incident Energy (MeV)

MAT 5440

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

54-Xe-129



51

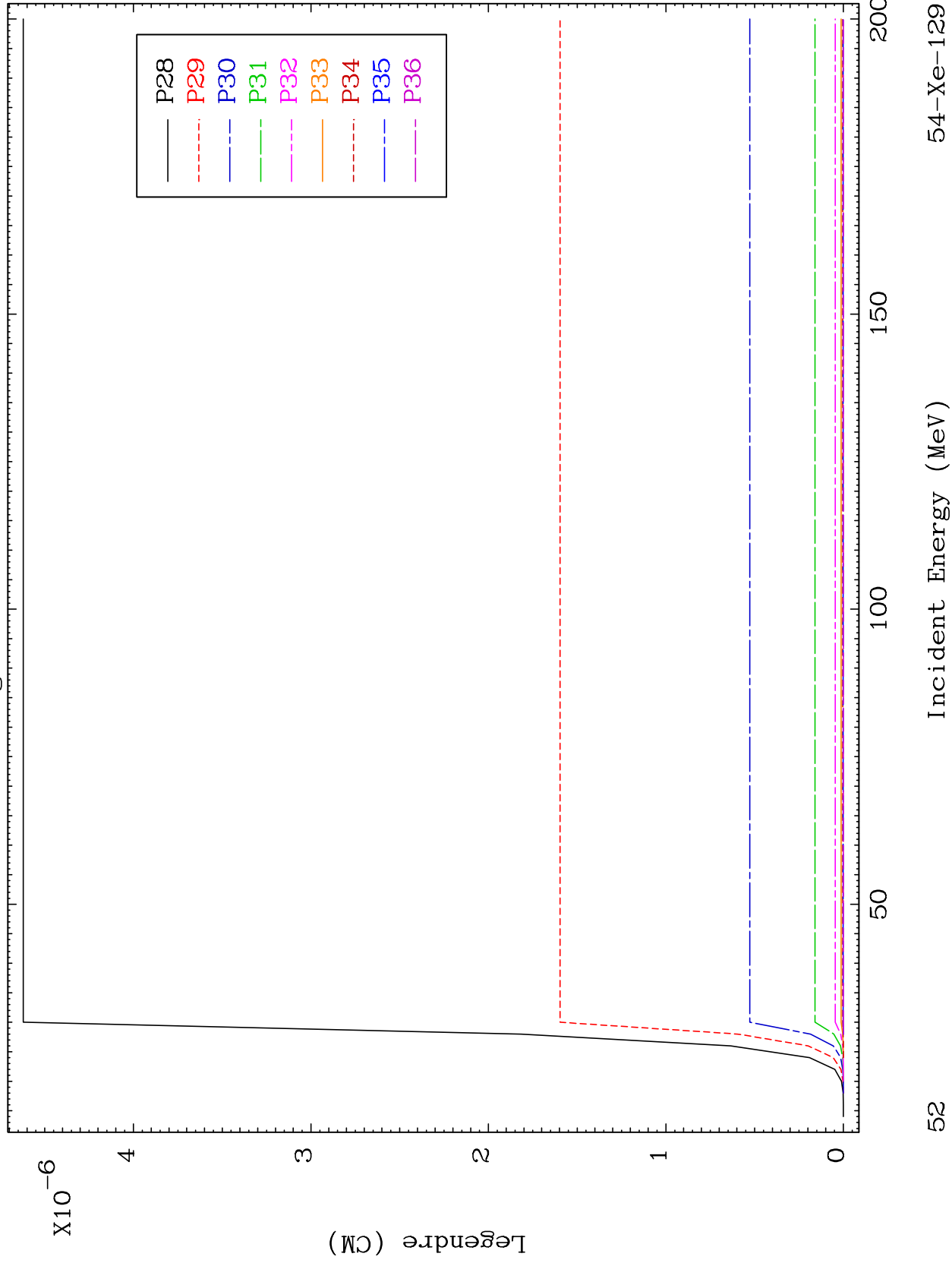
Incident Energy (MeV)

54-Xe-129

MAT 5440

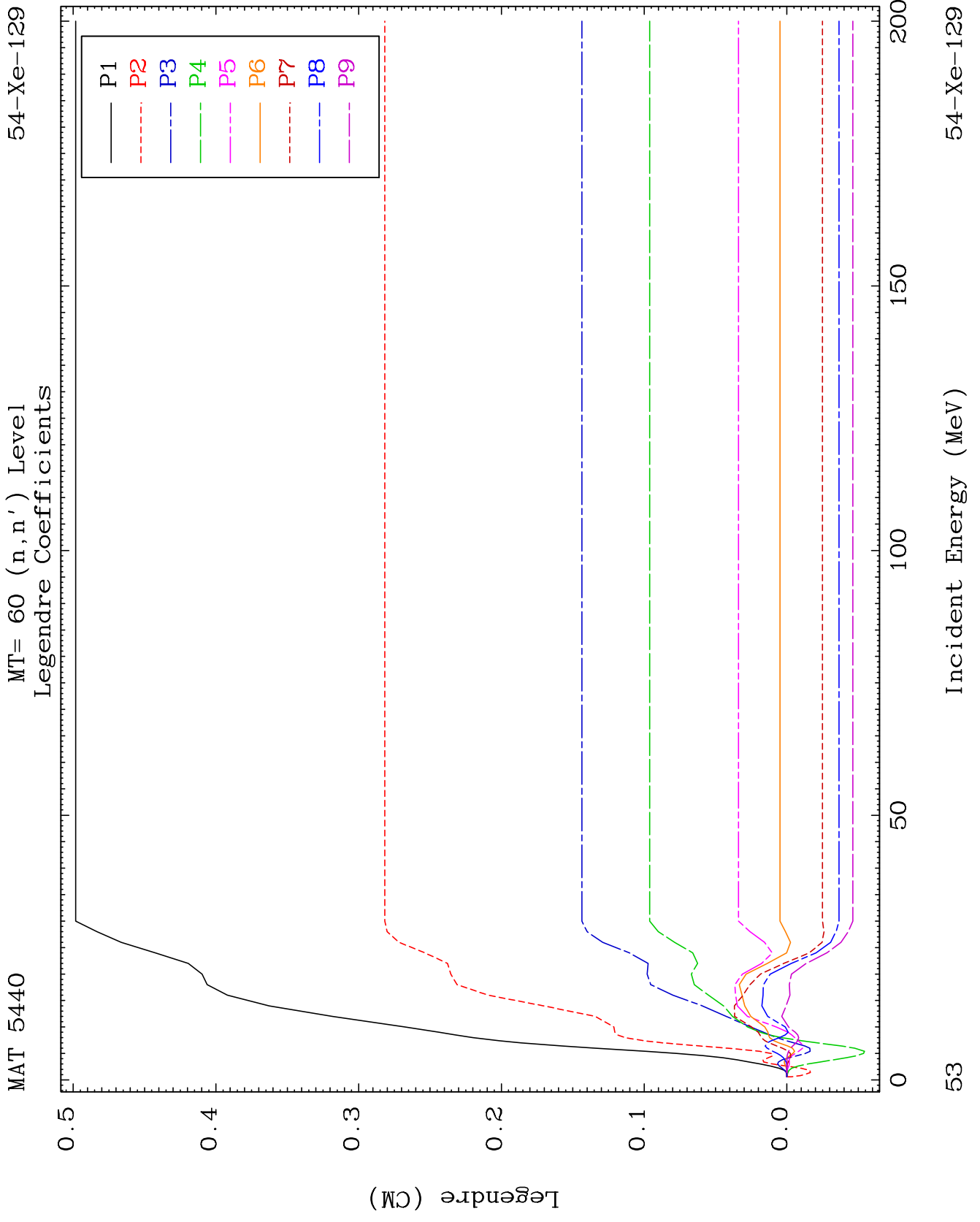
MT= 59 (n,n') Level
Legendre Coefficients

54-Xe-129



52

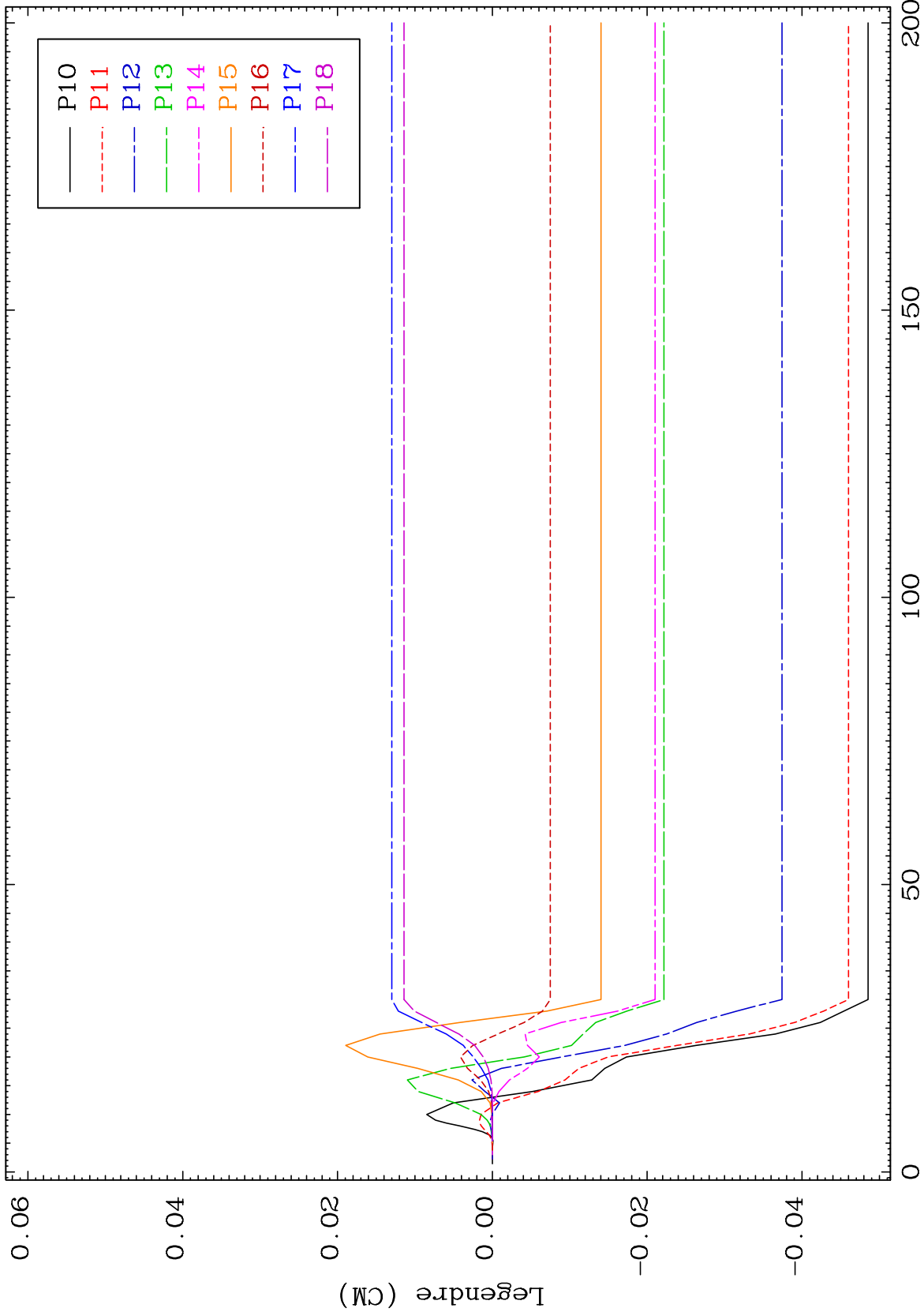
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MAT 5440

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

54-Xe-129



54

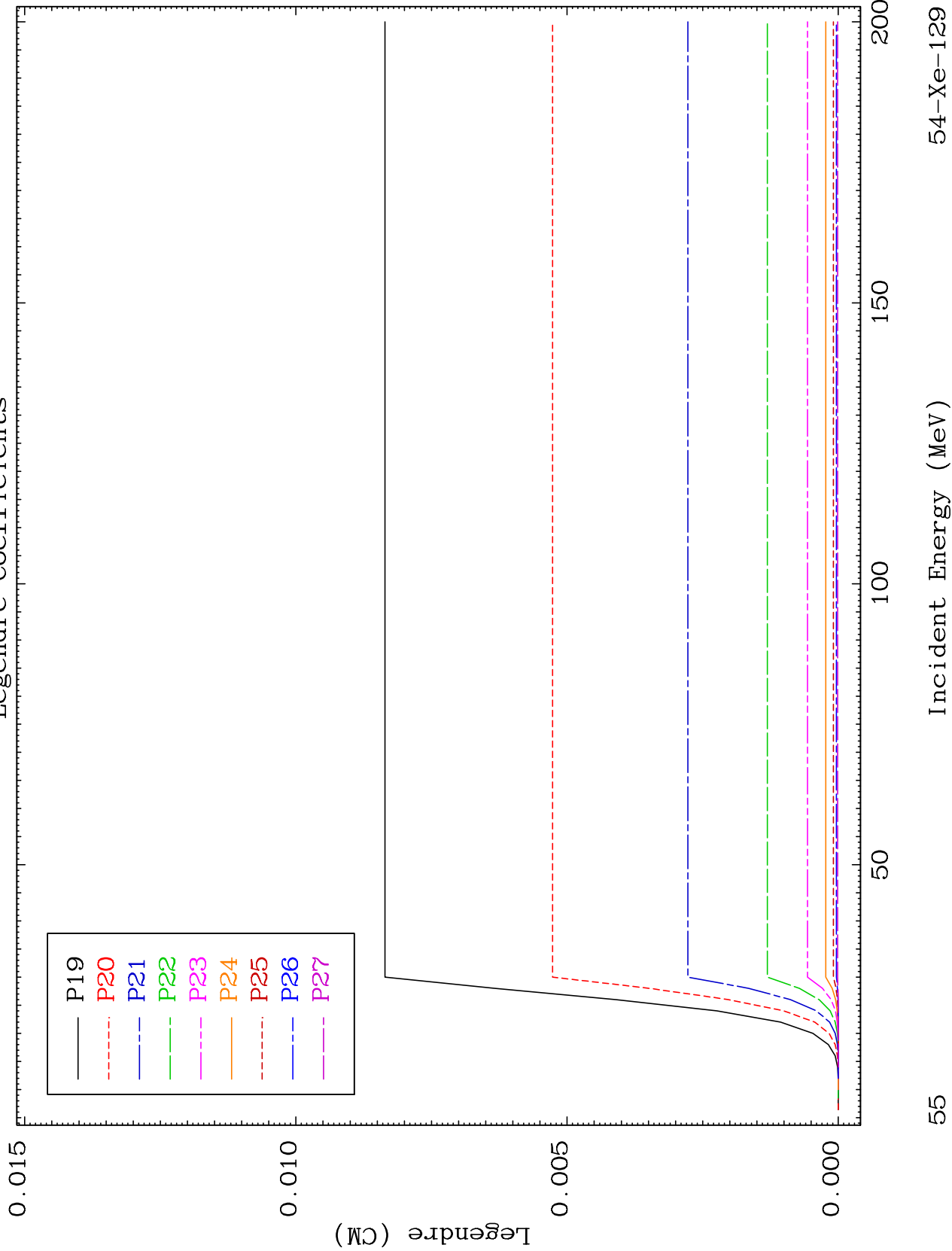
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



55

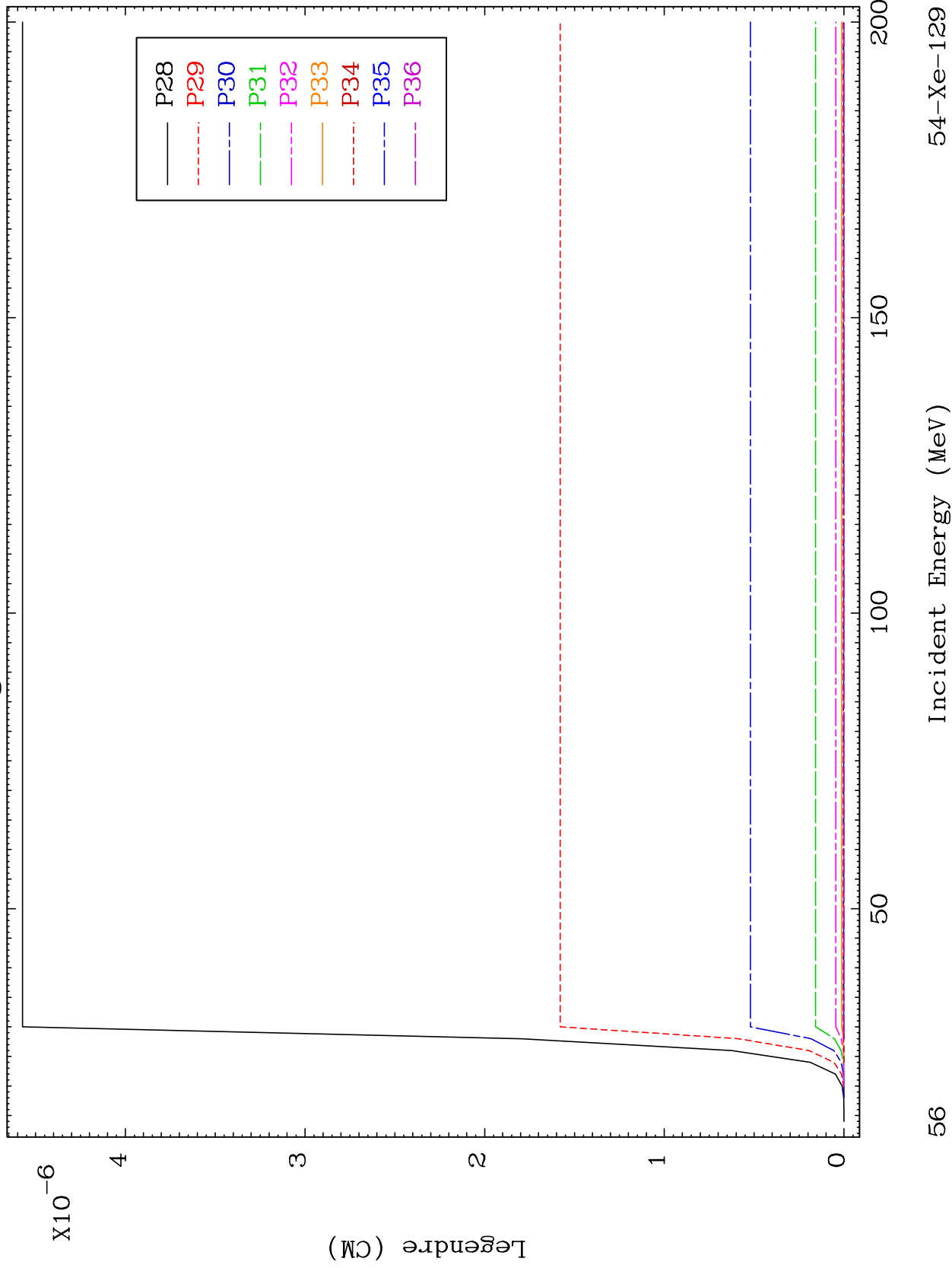
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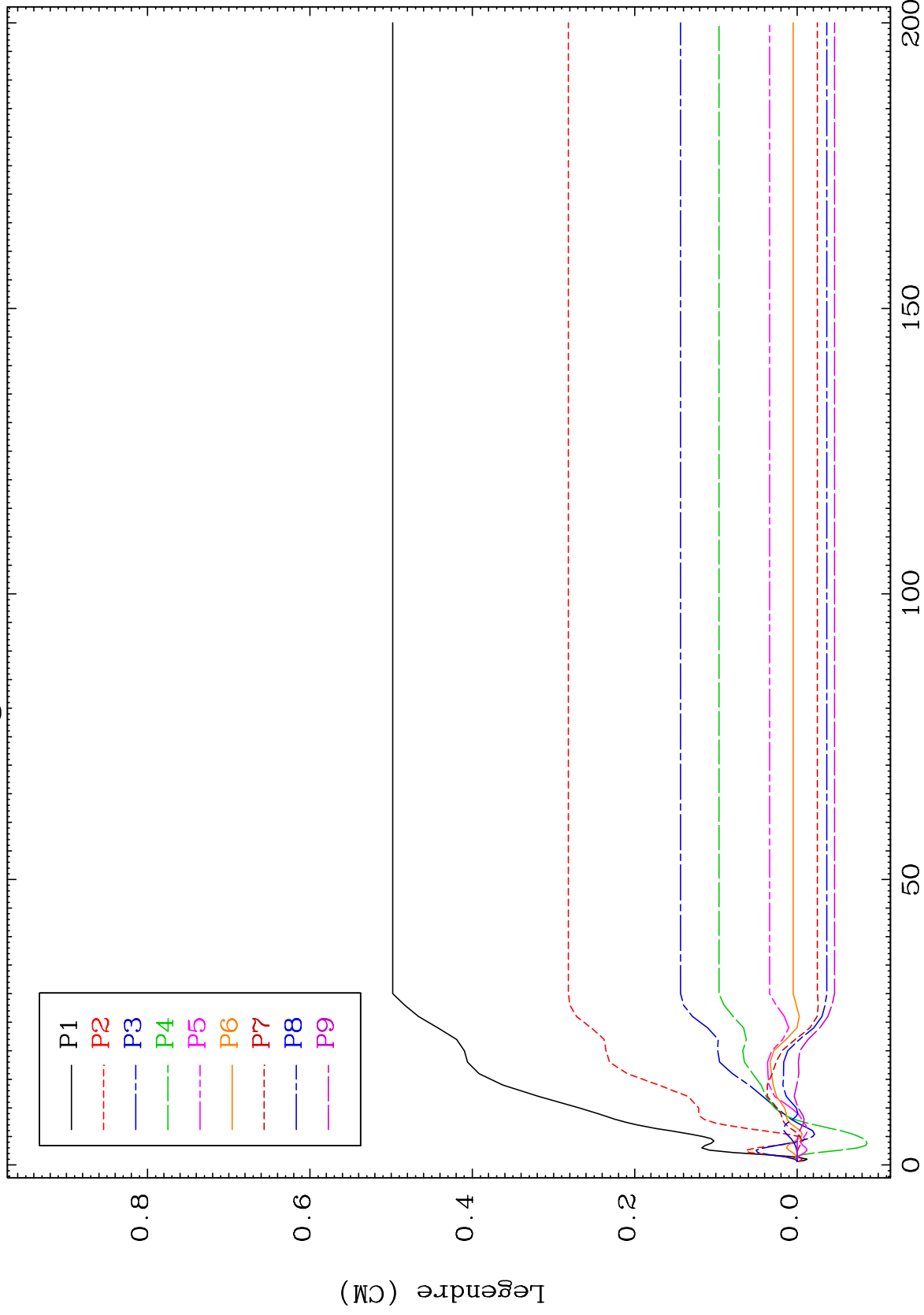
54-Xe-129

MAT 5440

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

54-Xe-129

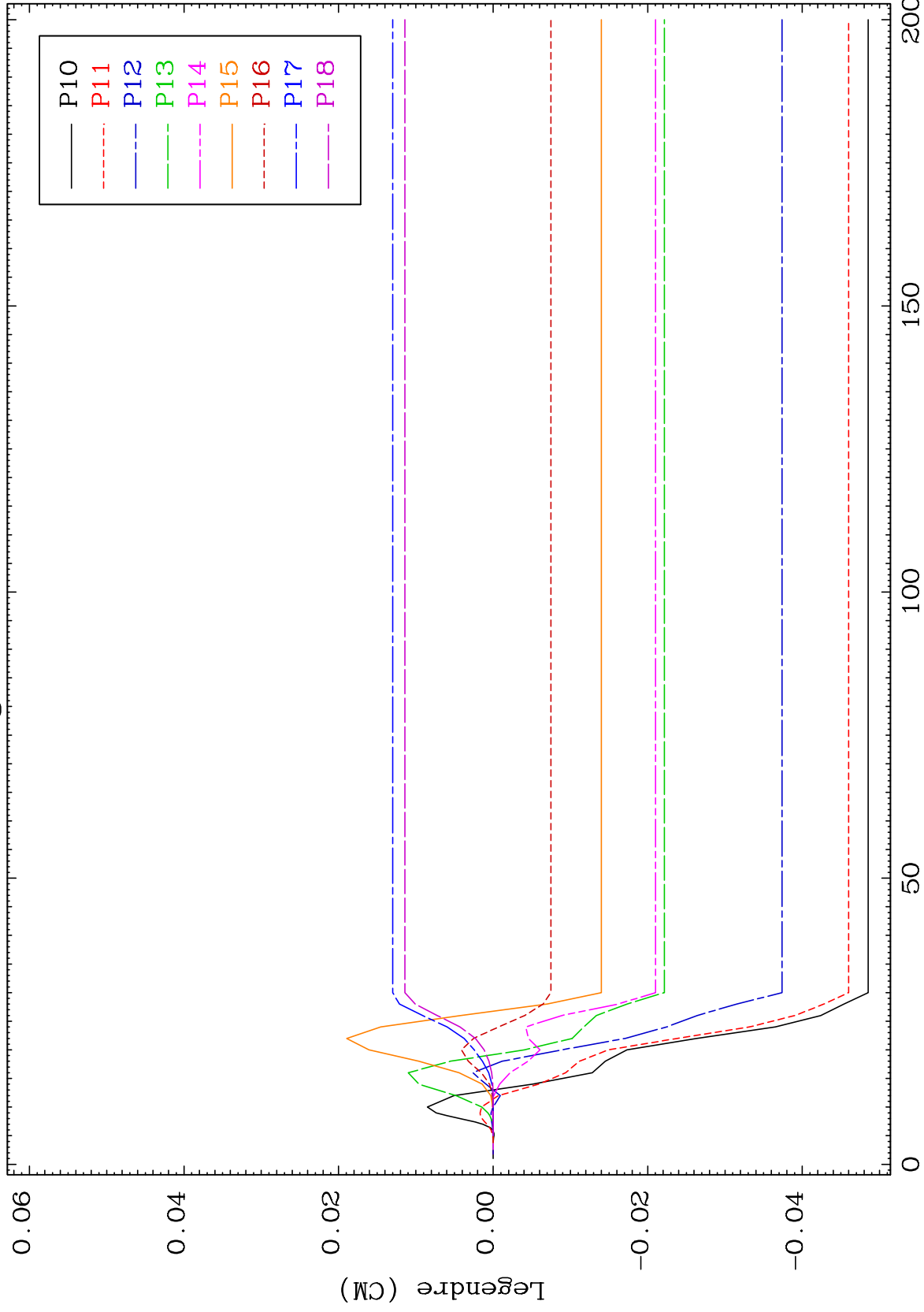




MAT 5440

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

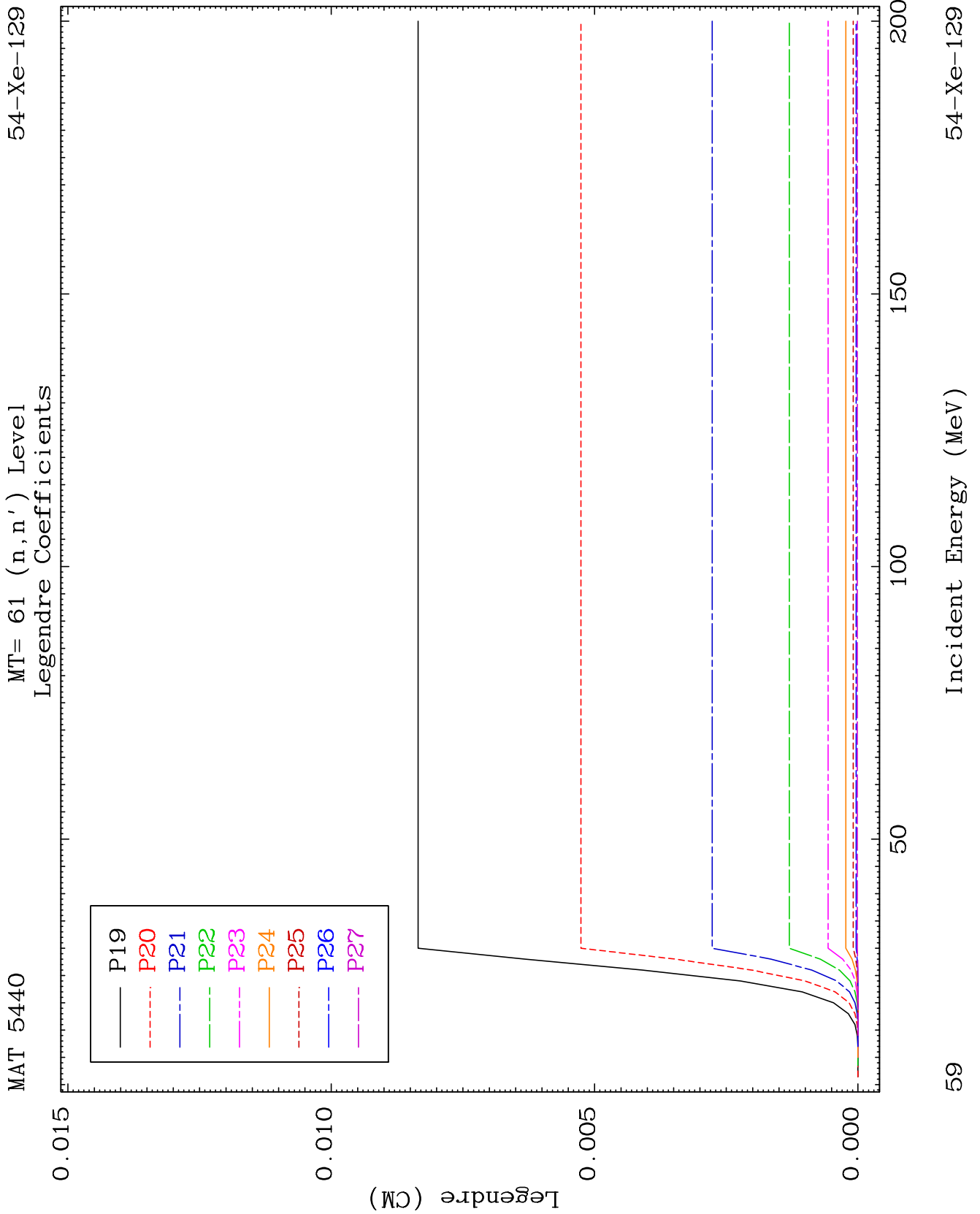
54-Xe-129



58

Incident Energy (MeV)

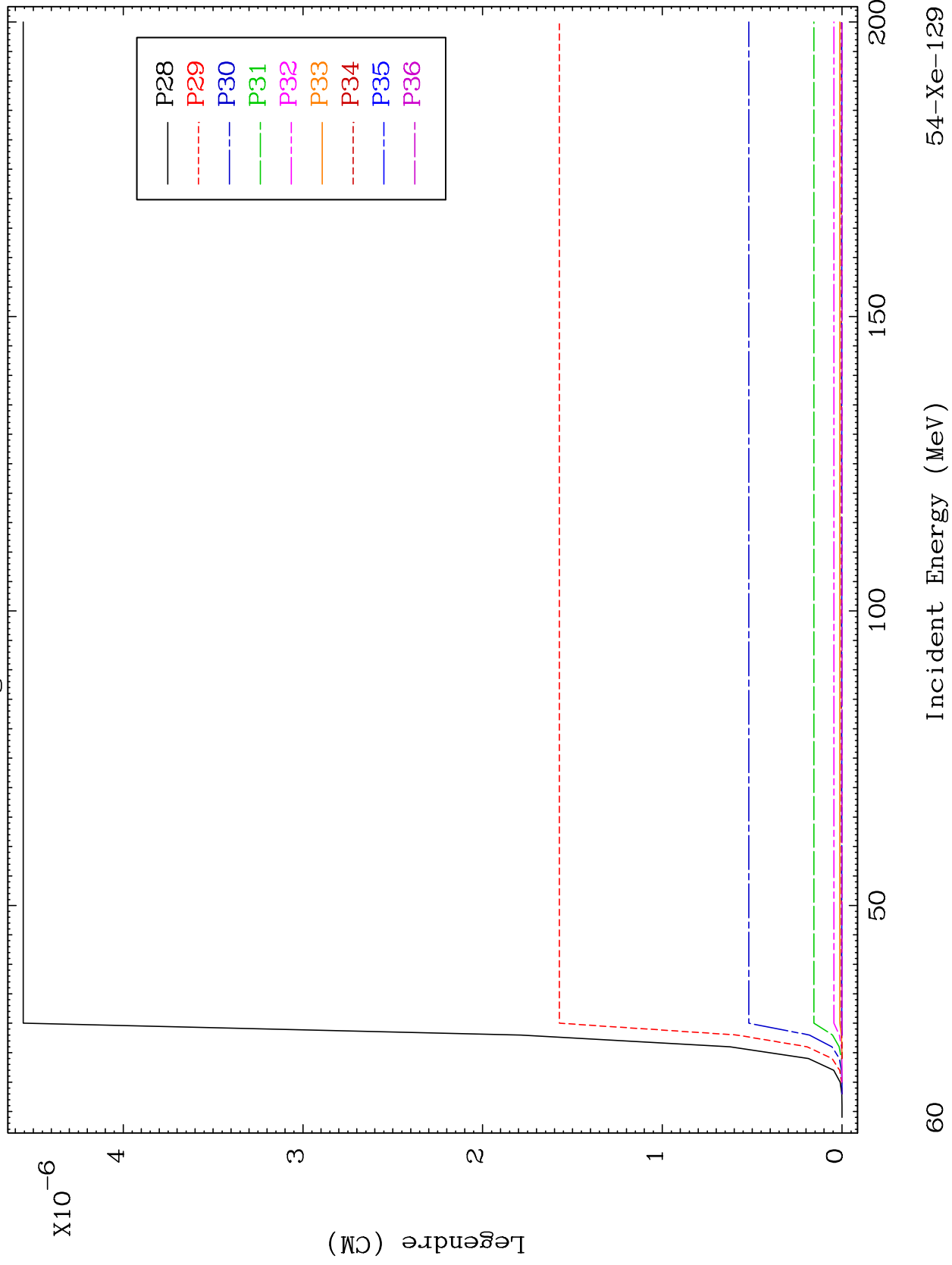
54-Xe-129



MAT 5440

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

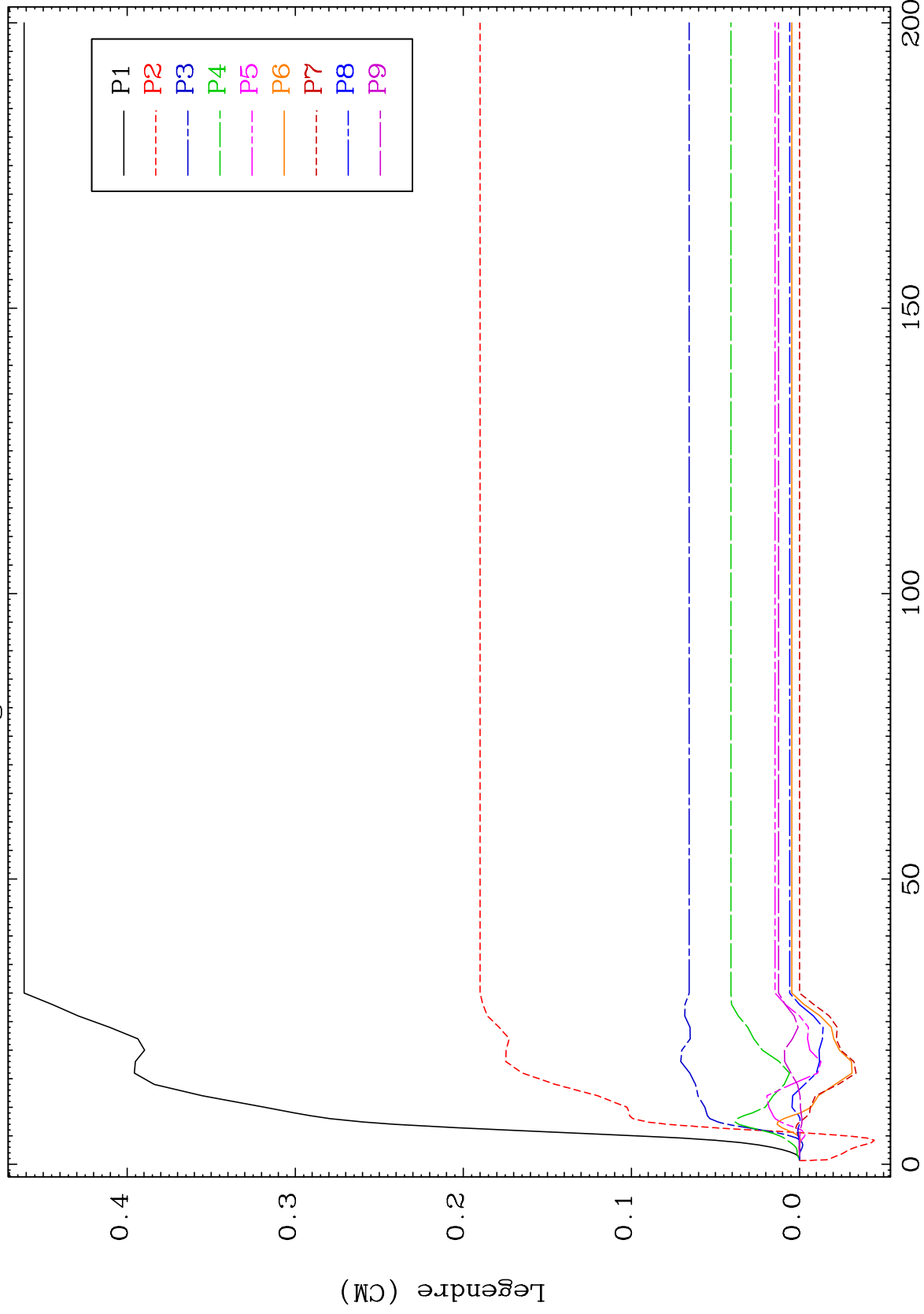
54-Xe-129



MAT 5440

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

54-Xe-129



61

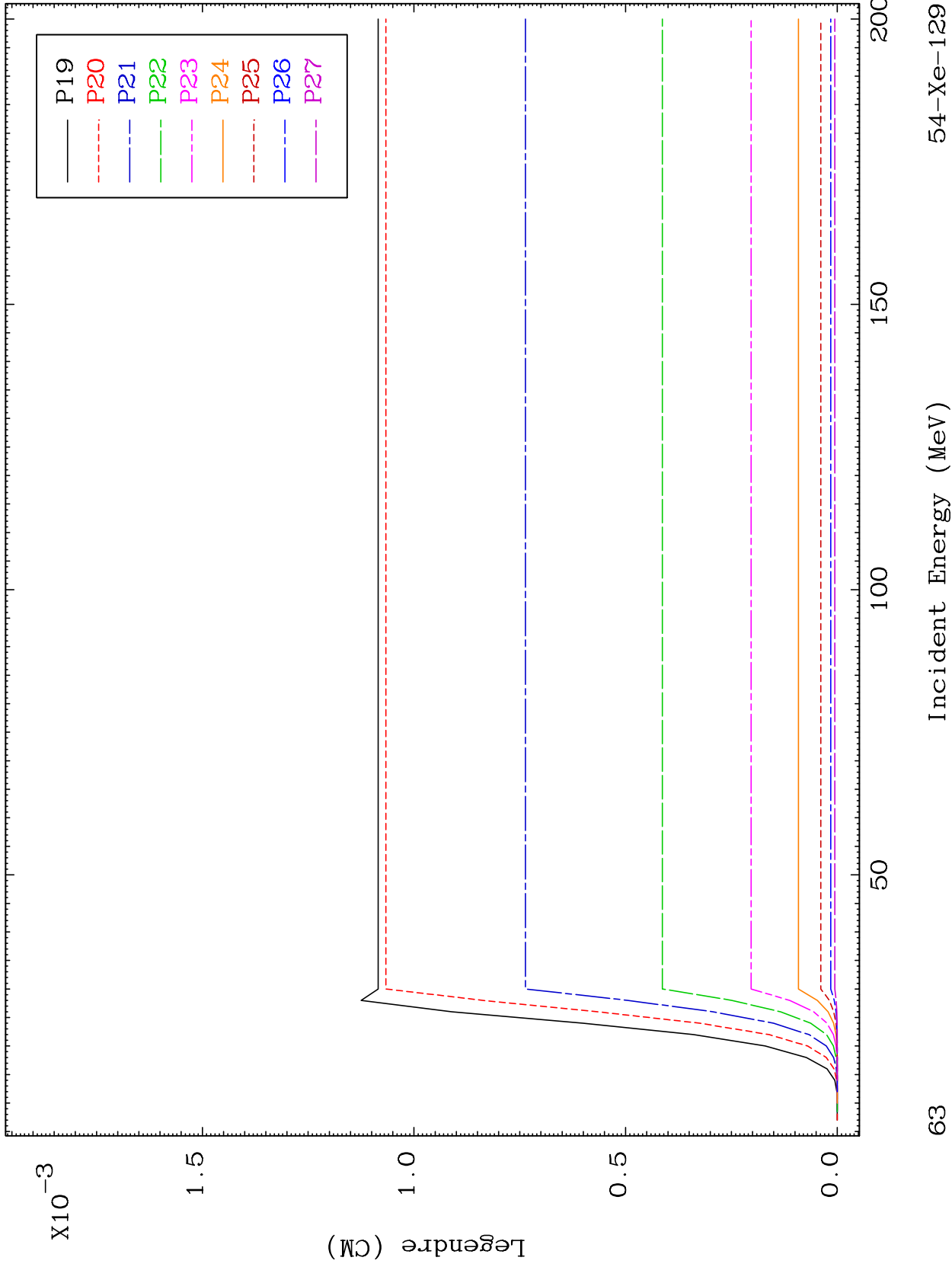
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

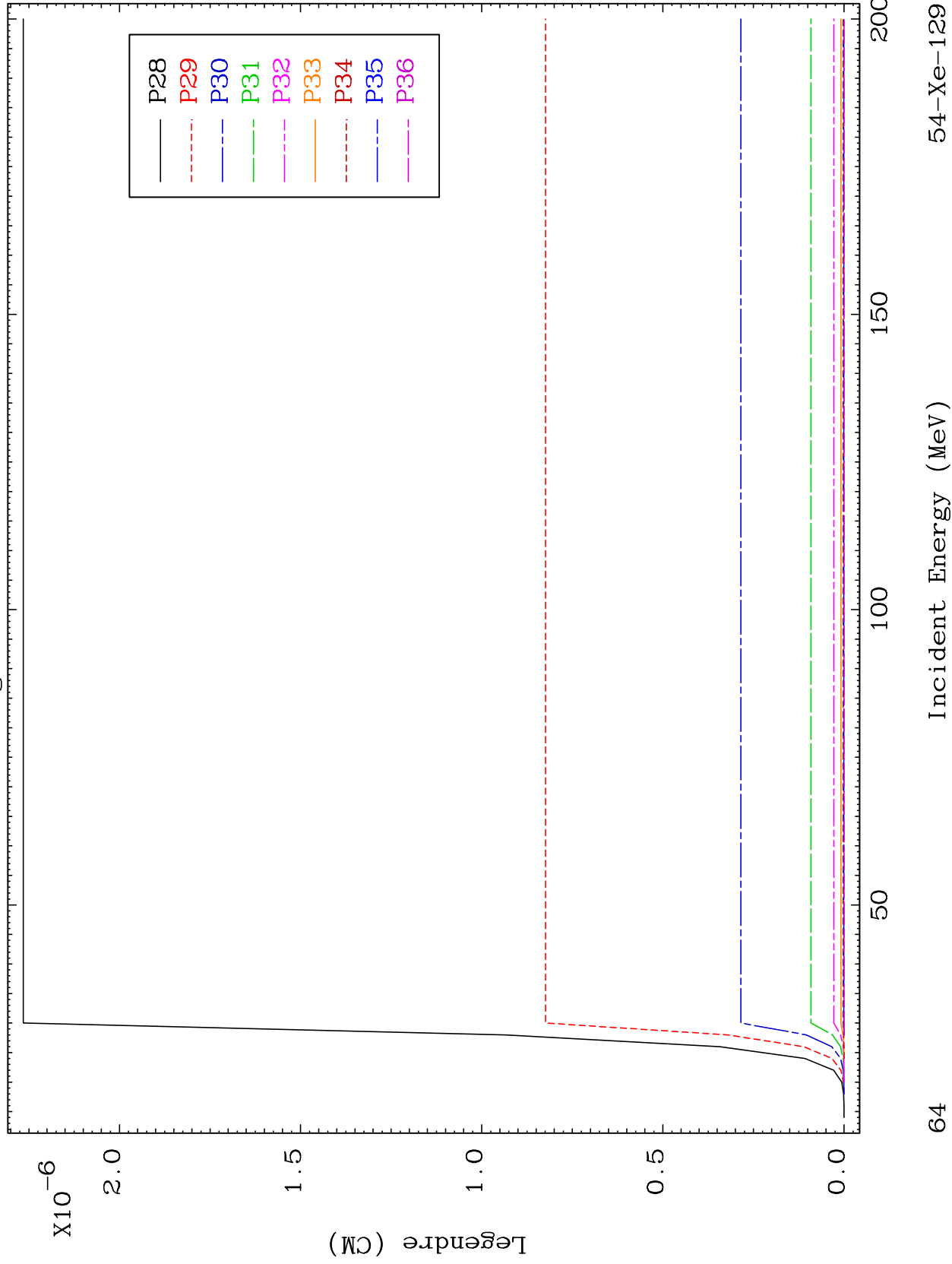
54-Xe-129



MAT 5440

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

54-Xe-129

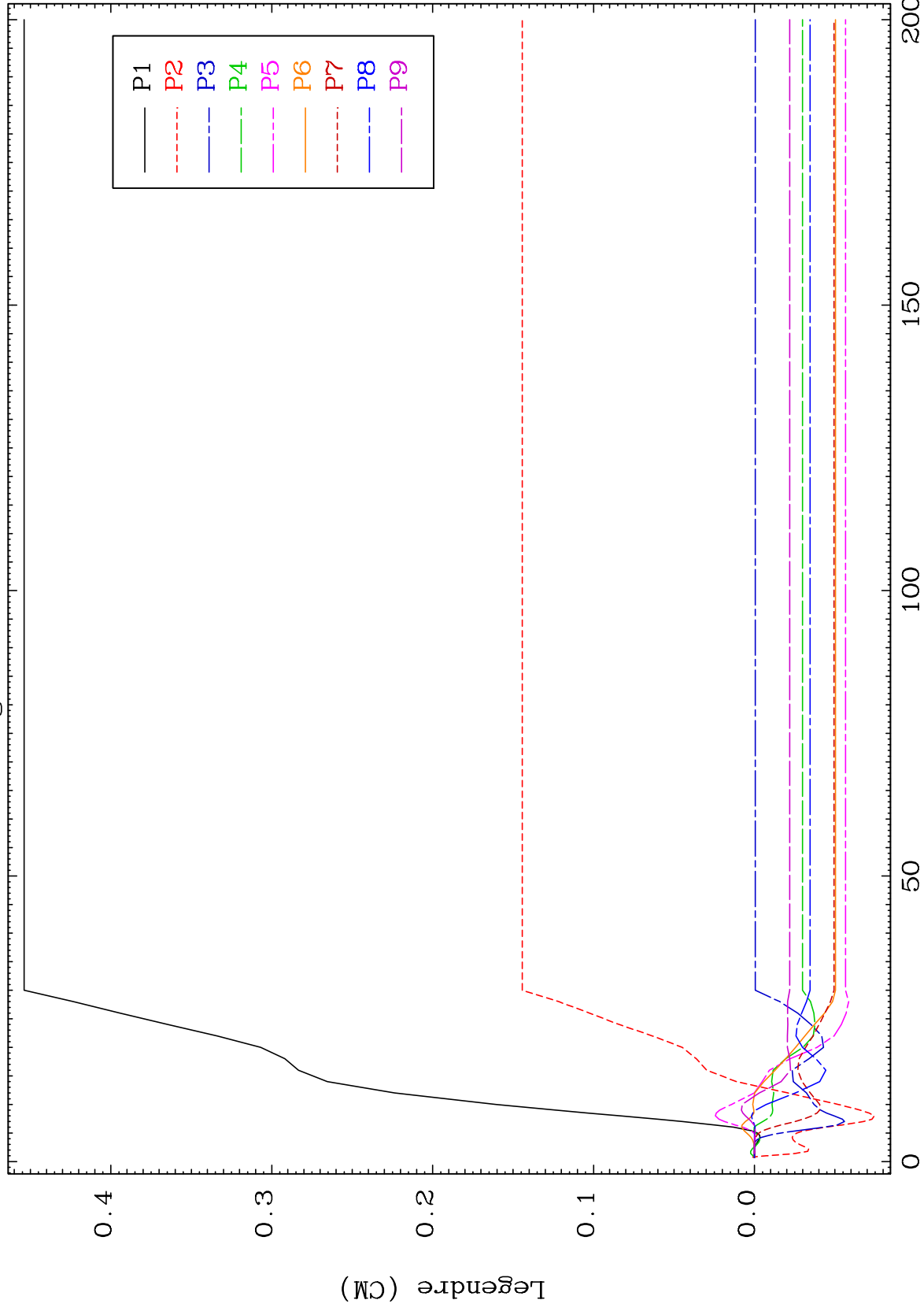


64

MAT 5440

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

54-Xe-129



54-Xe-129

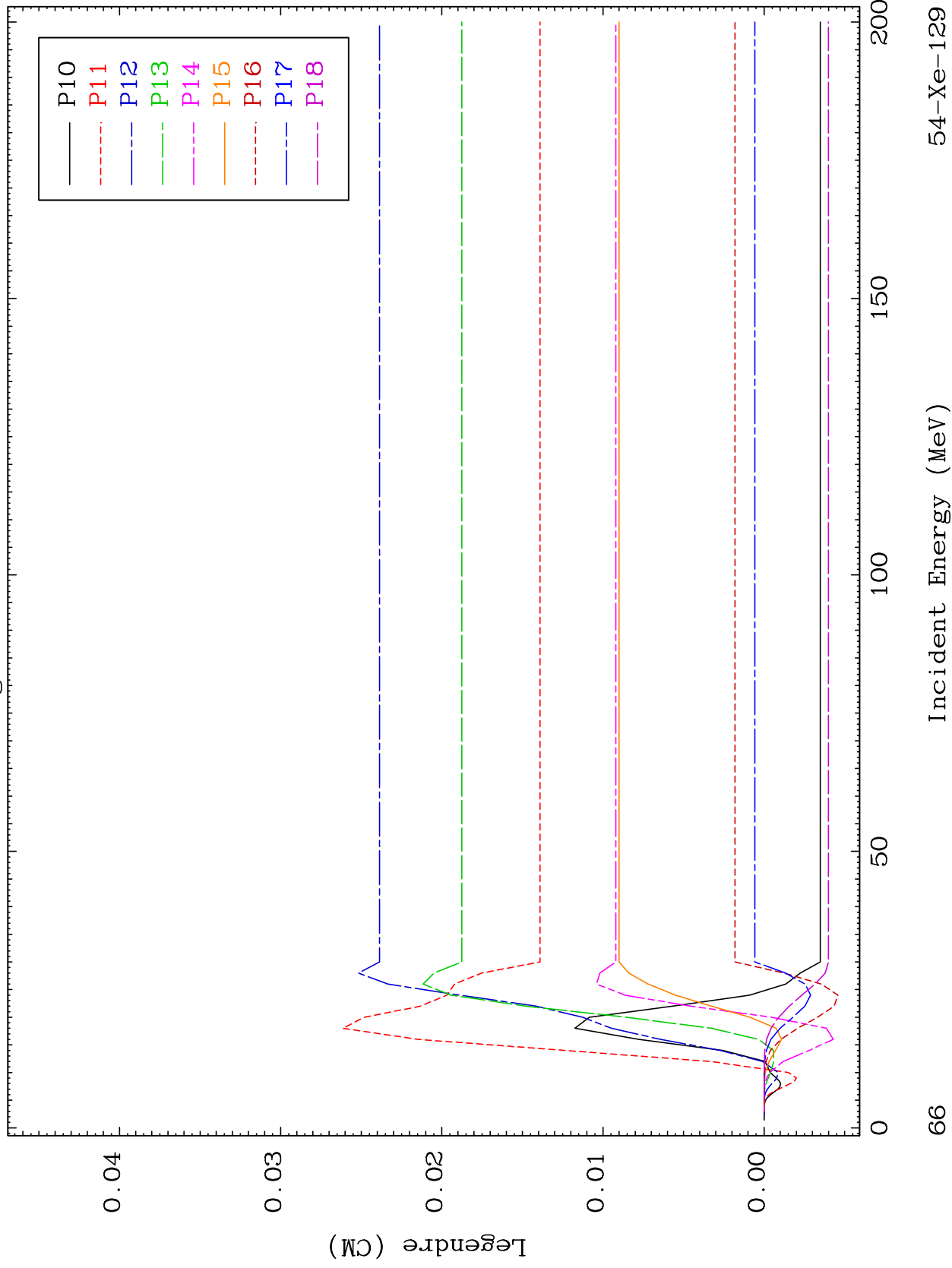
Incident Energy (MeV)

65

MAT 5440

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

54-Xe-129



54-Xe-129

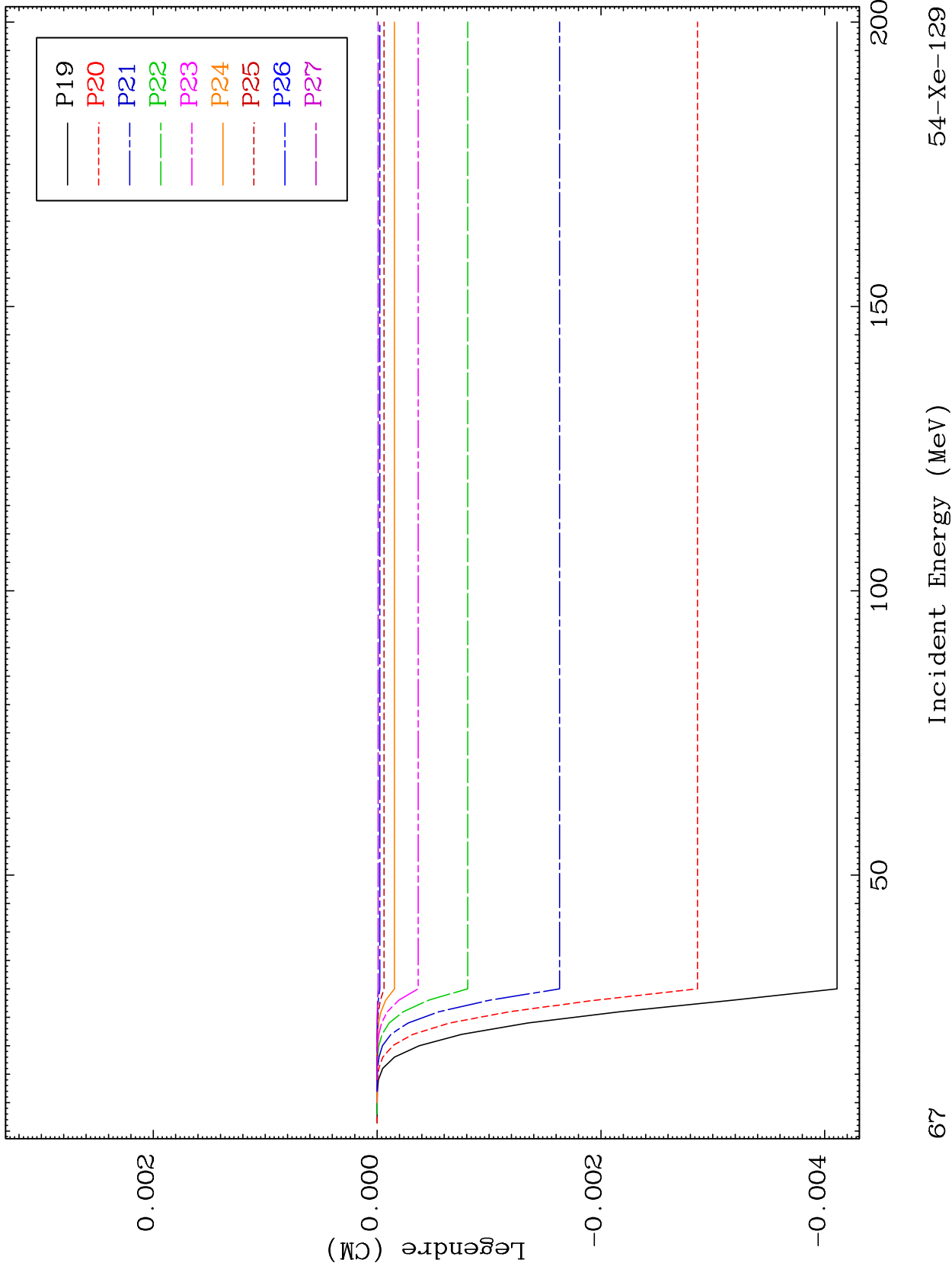
Incident Energy (MeV)

66

MAT 5440

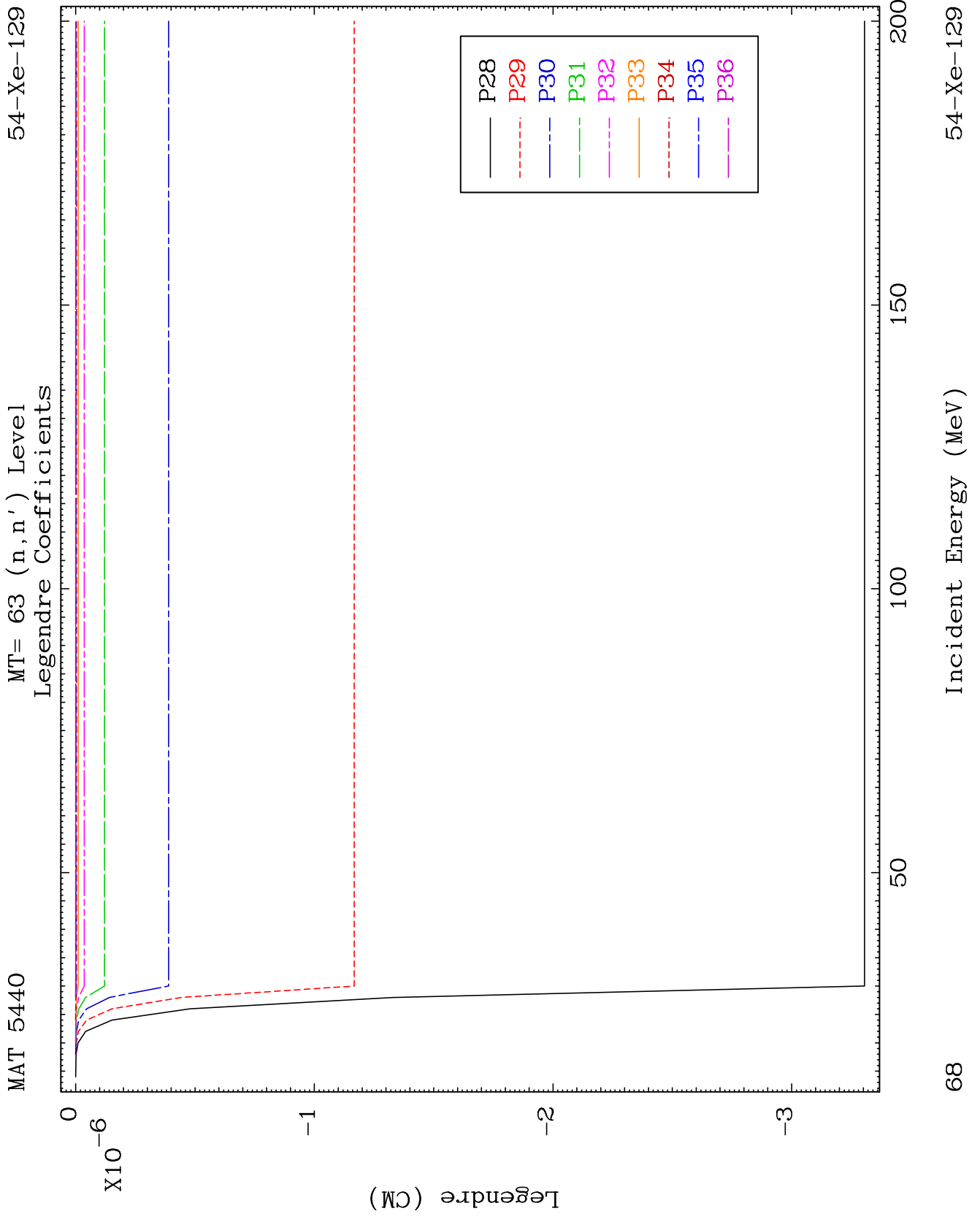
MT= 63 (n,n') Level
Legendre Coefficients

54-Xe-129



67

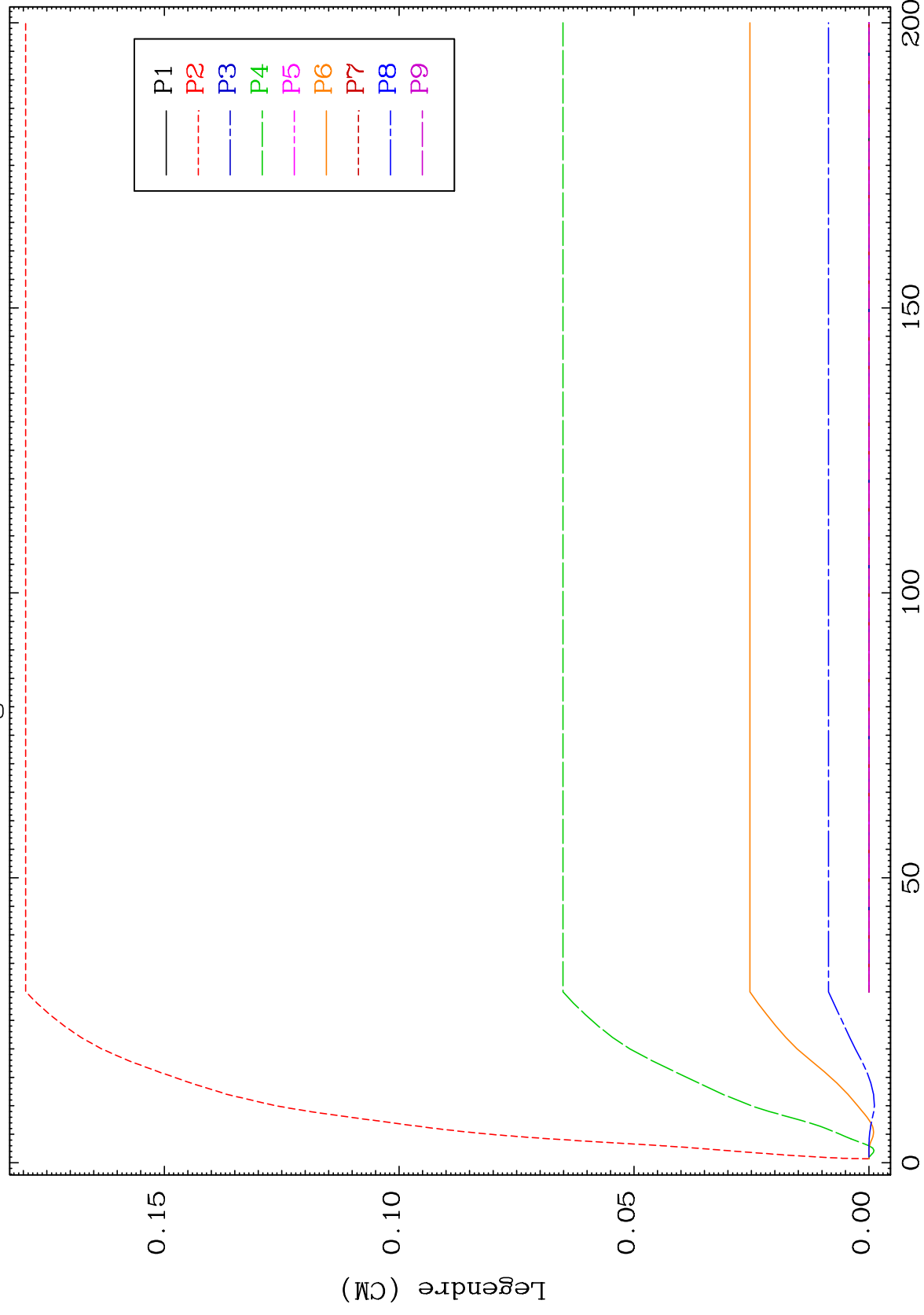
54-Xe-129



MAT 5440

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

54-Xe-129



54-Xe-129

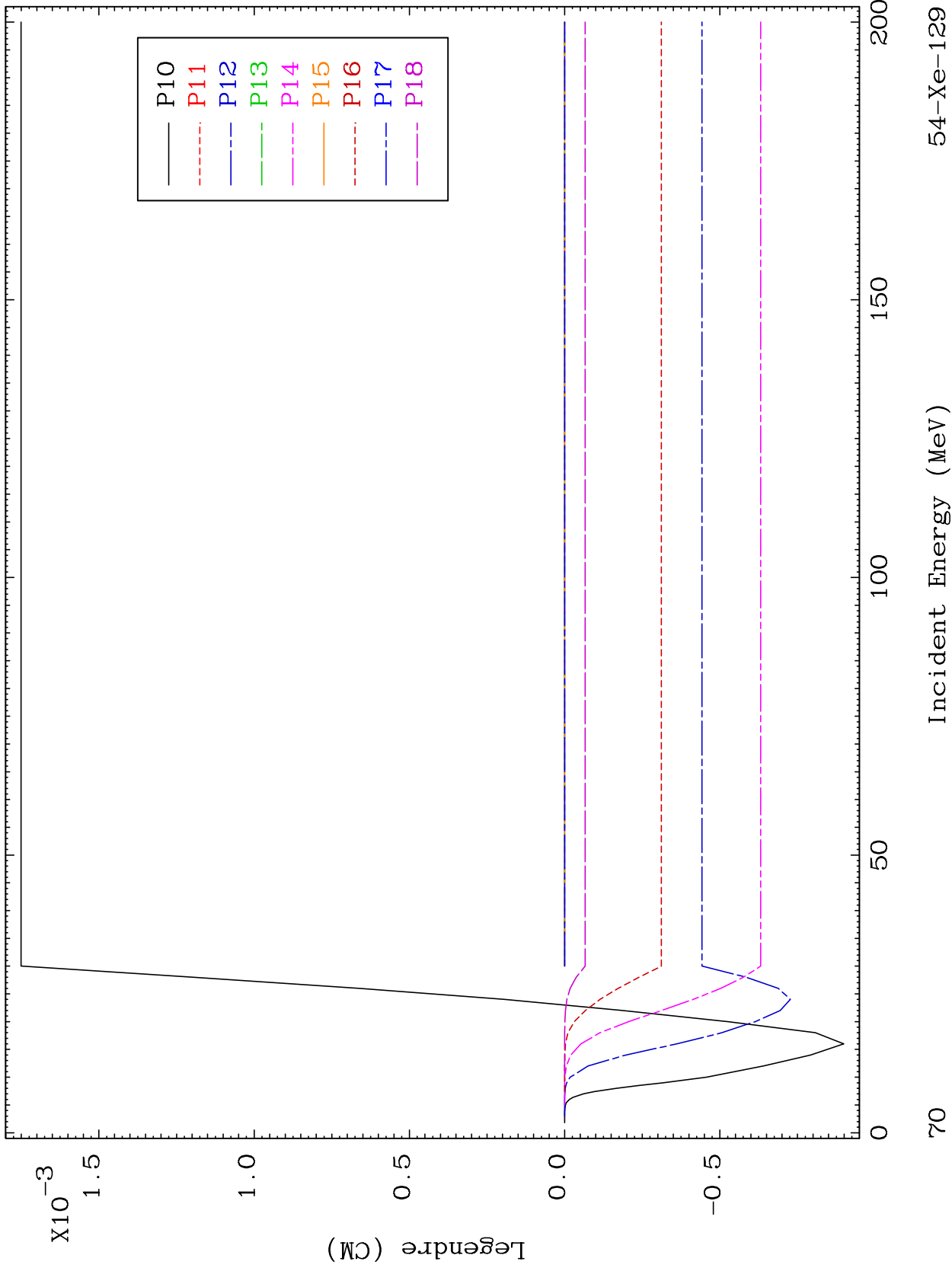
Incident Energy (MeV)

69

MAT 5440

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

54-Xe-129



54-Xe-129

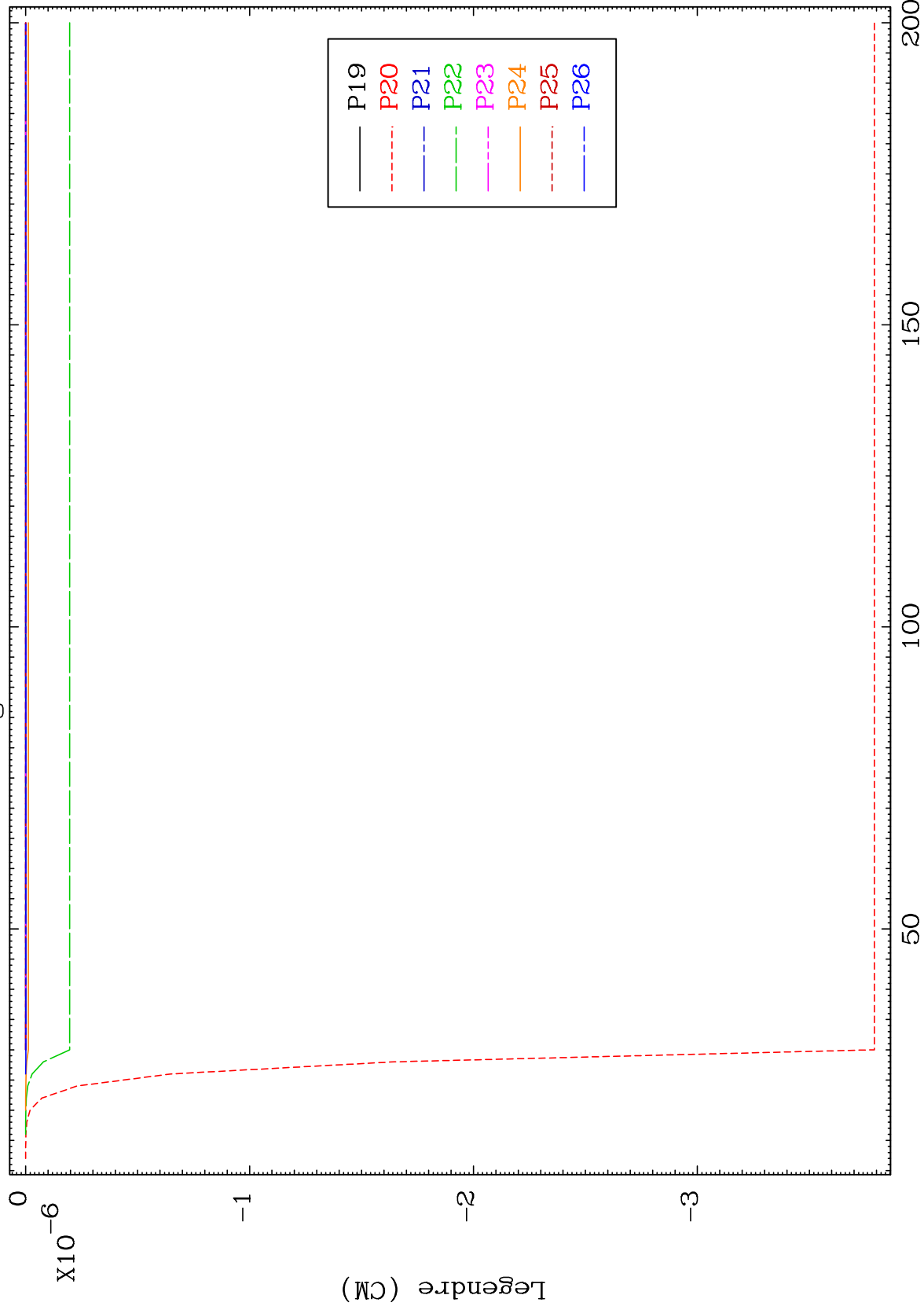
Incident Energy (MeV)

70

MAT 5440

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

54-Xe-129



54-Xe-129

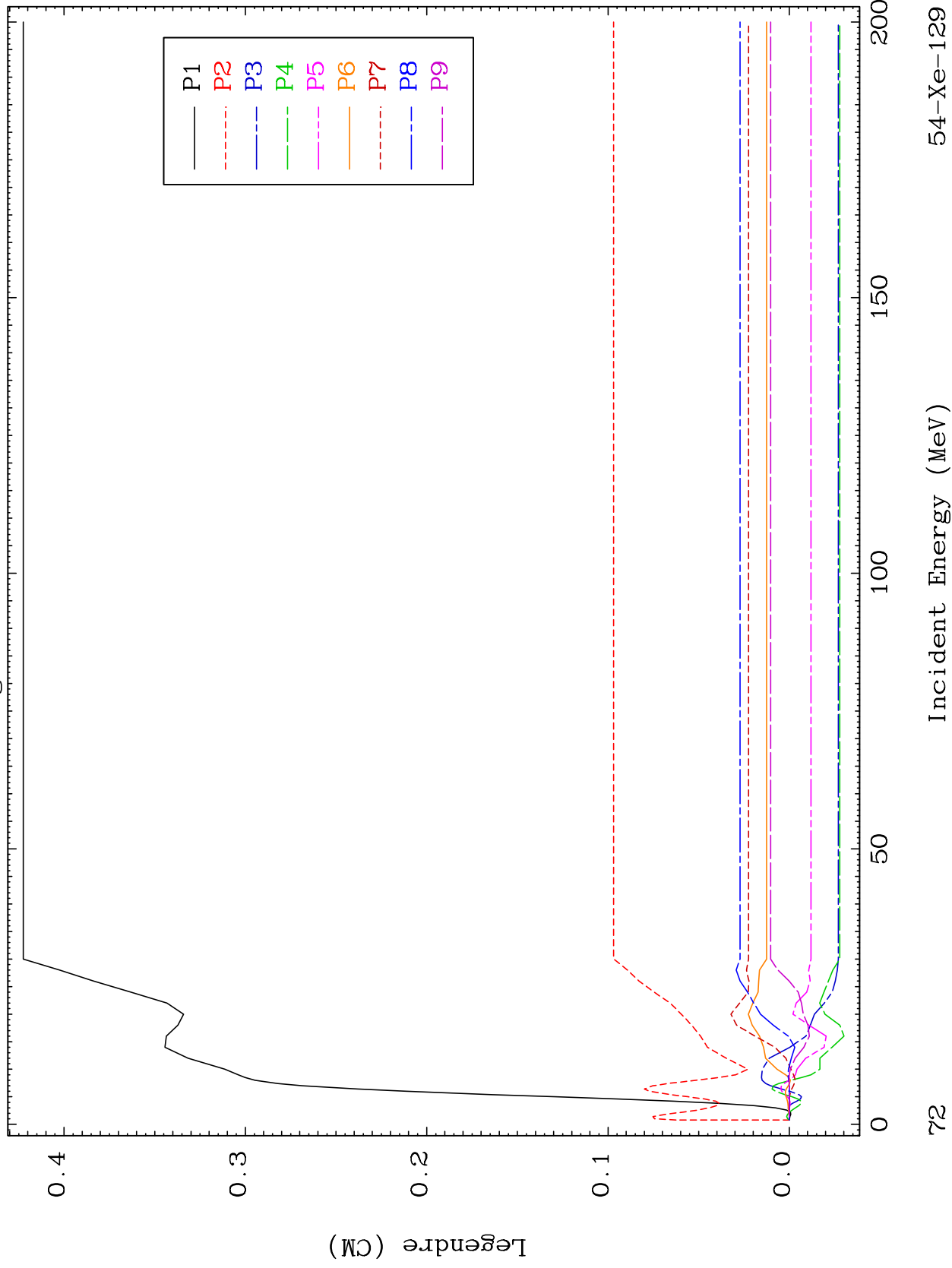
Incident Energy (MeV)

71

MAT 5440

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

54-Xe-129



72

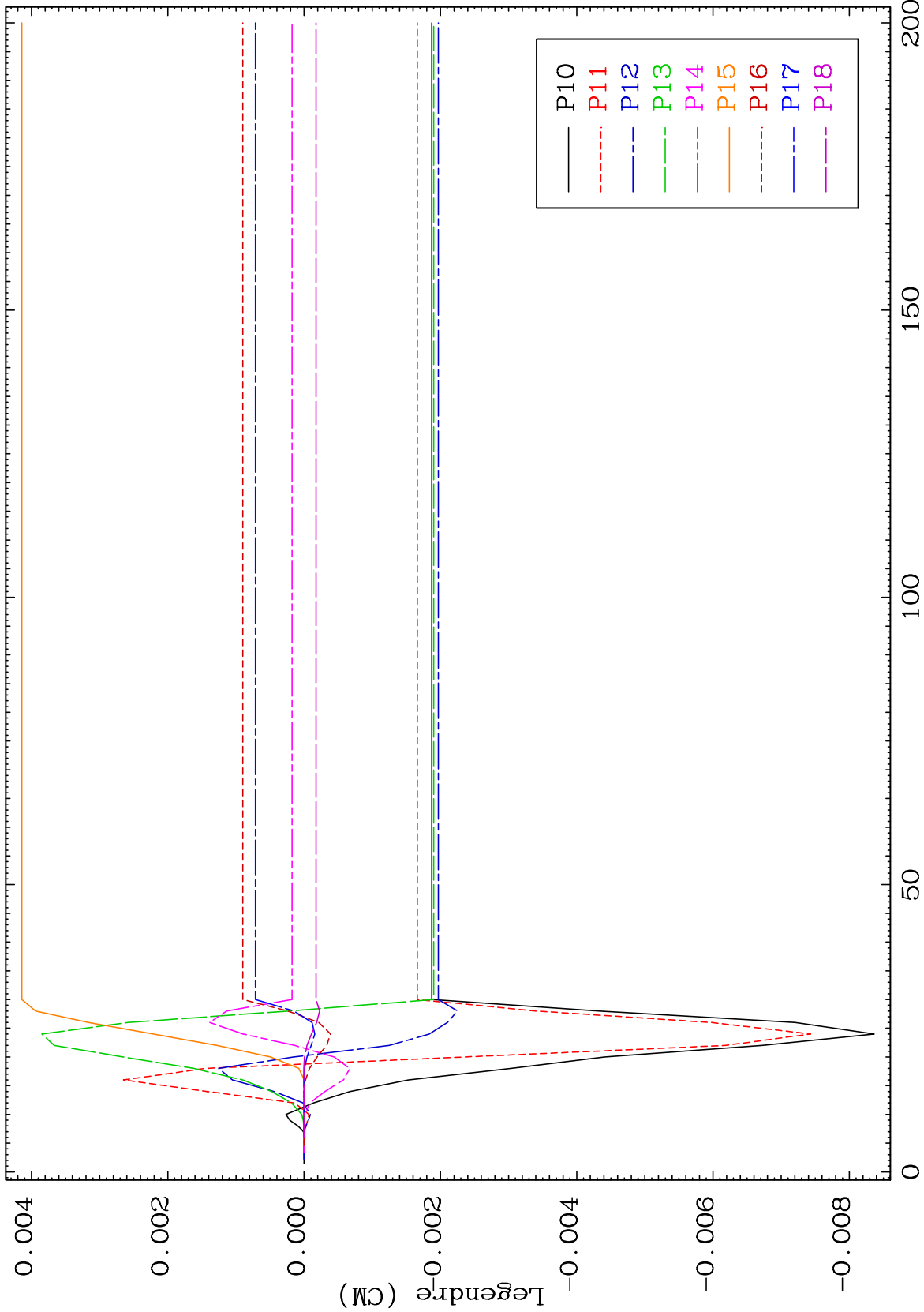
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

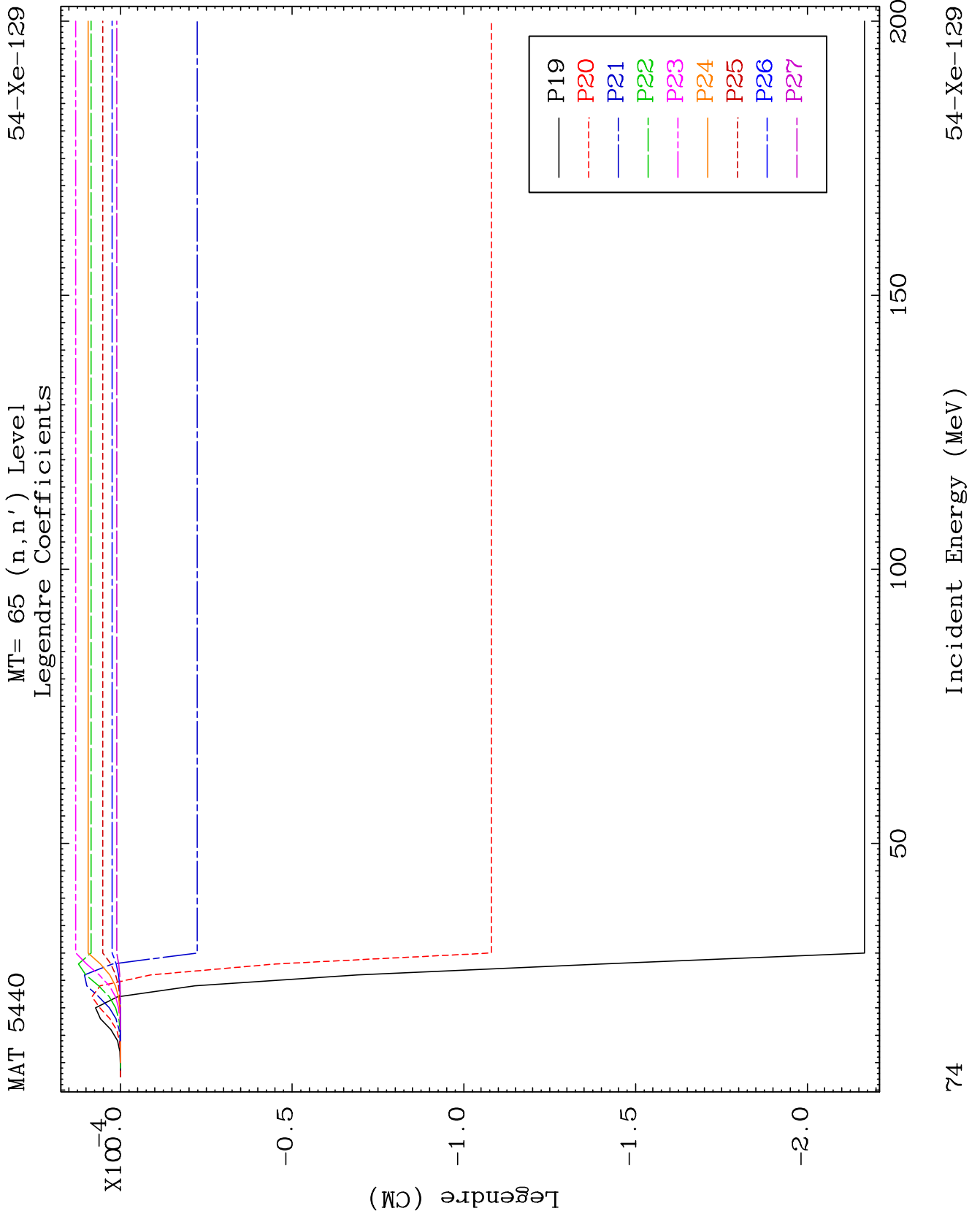
54-Xe-129



73

Incident Energy (MeV)

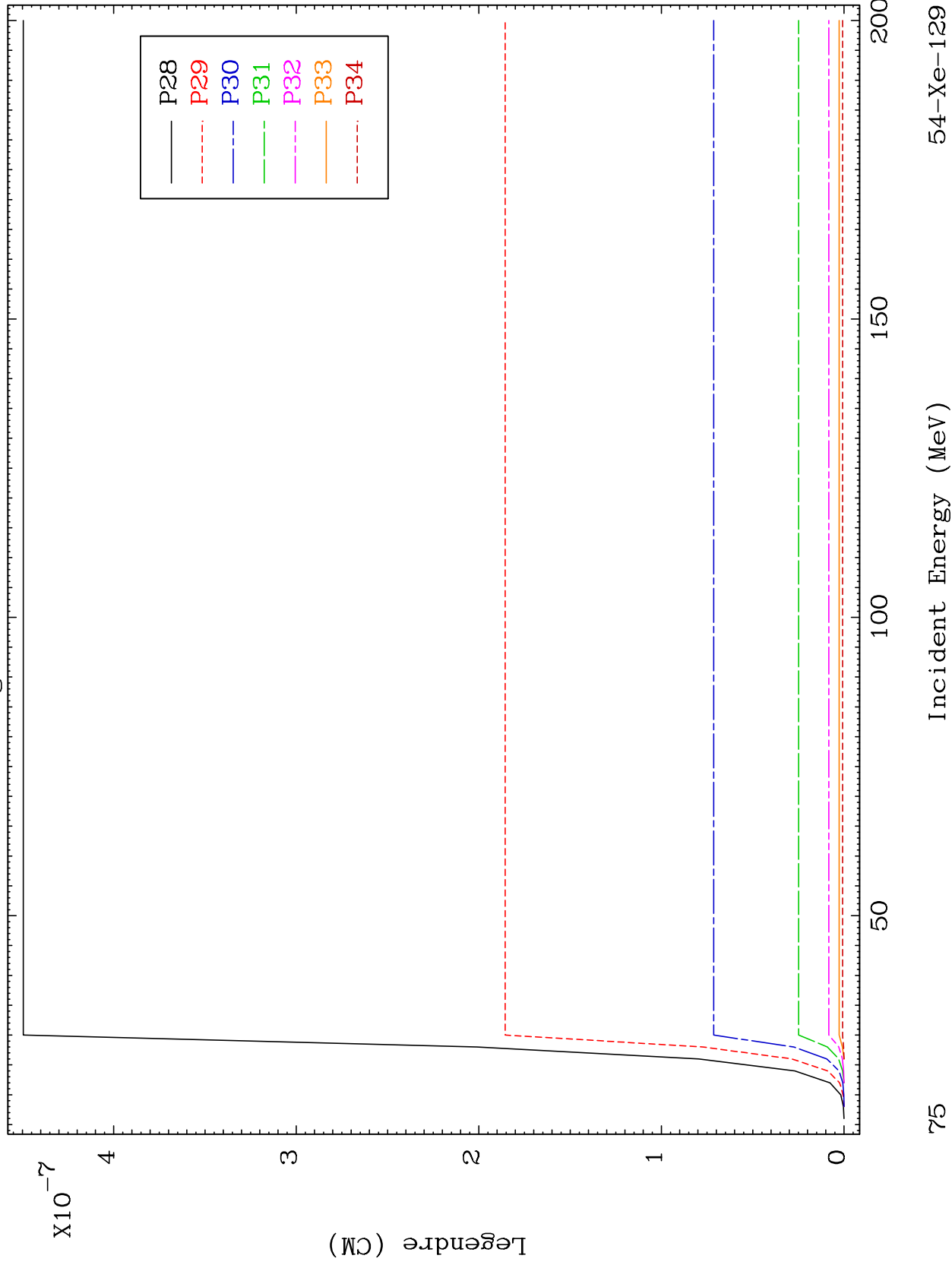
54-Xe-129



MAT 5440

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

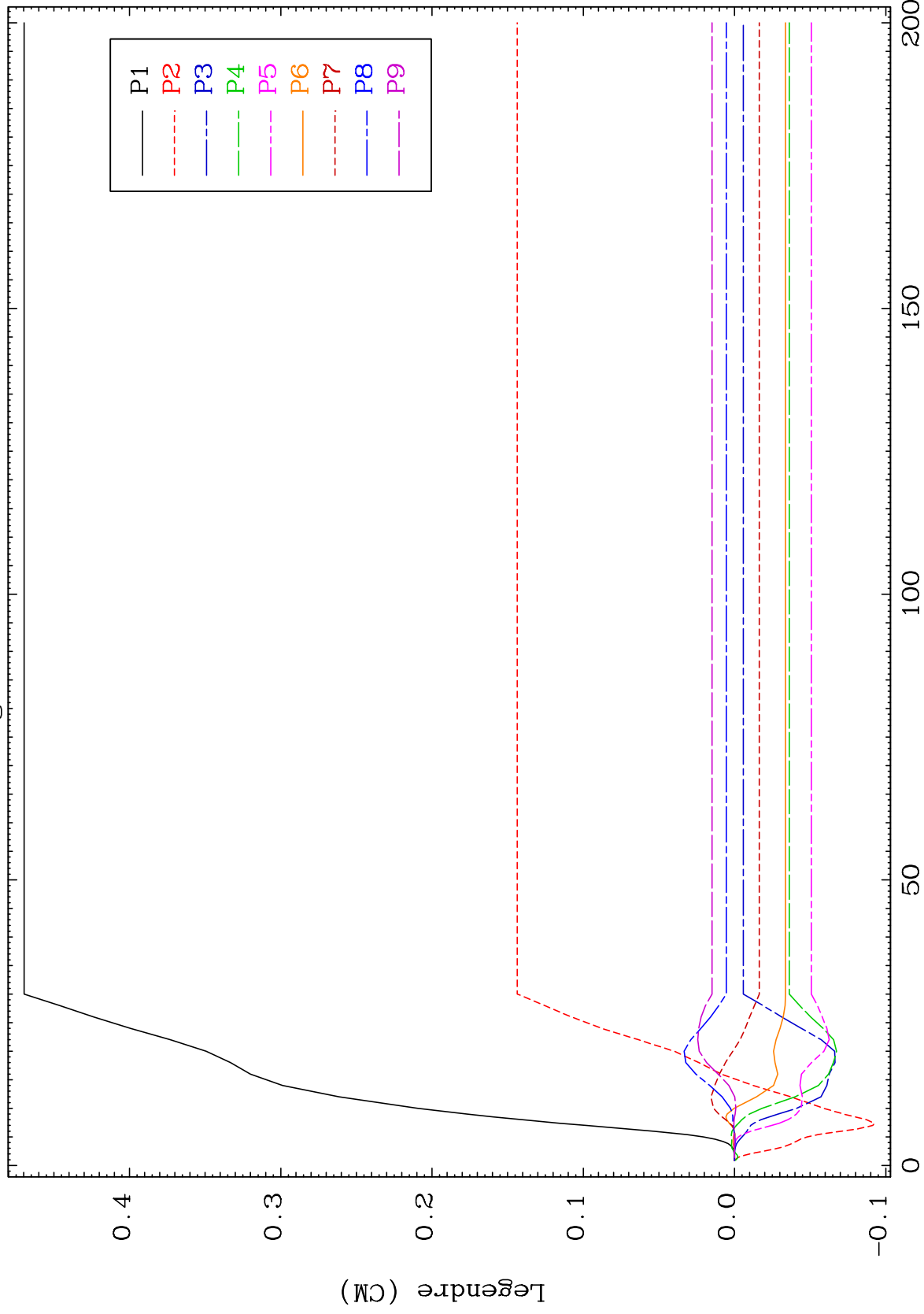
54-Xe-129



MAT 5440

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

54-Xe-129



76

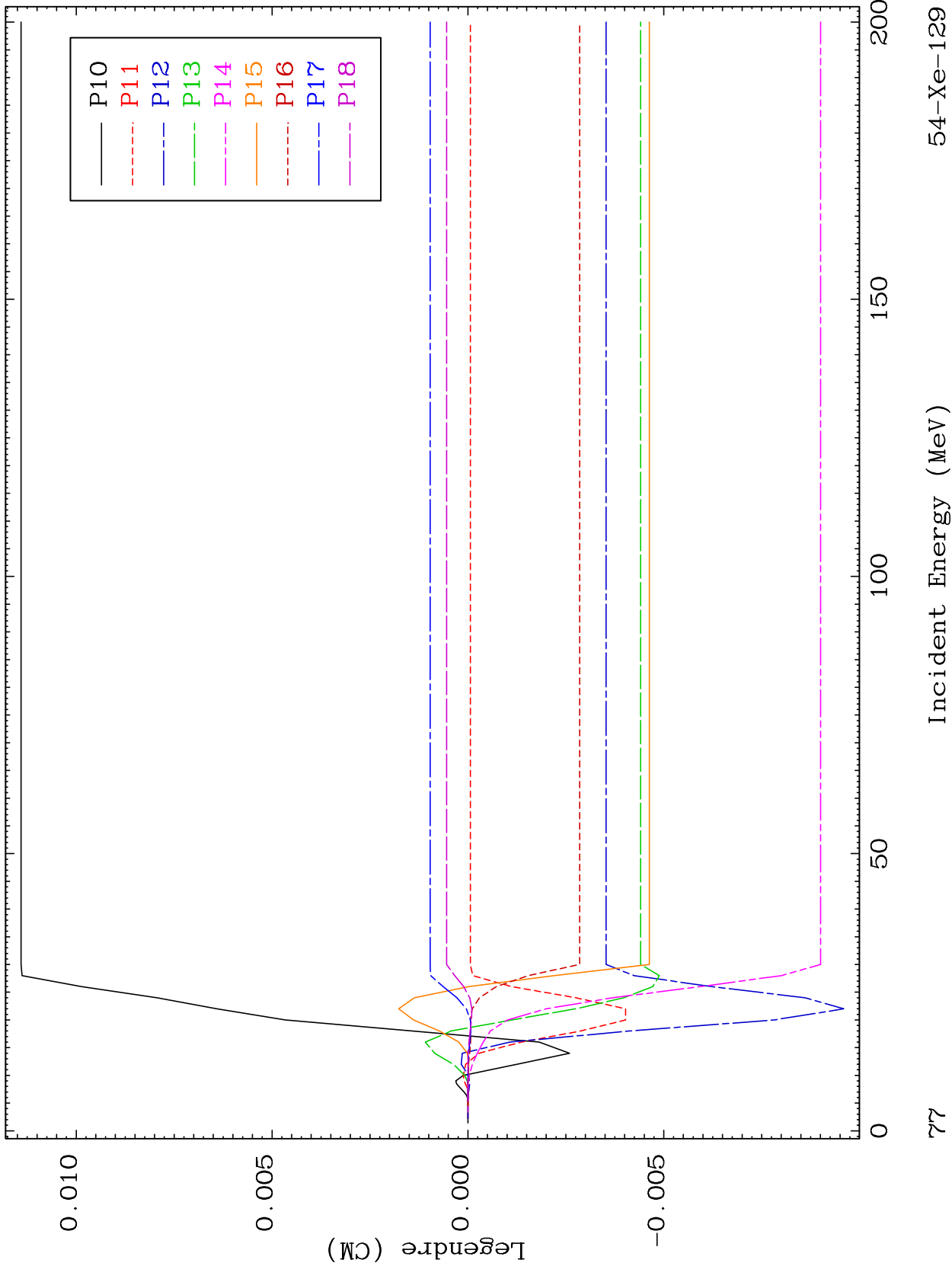
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



77

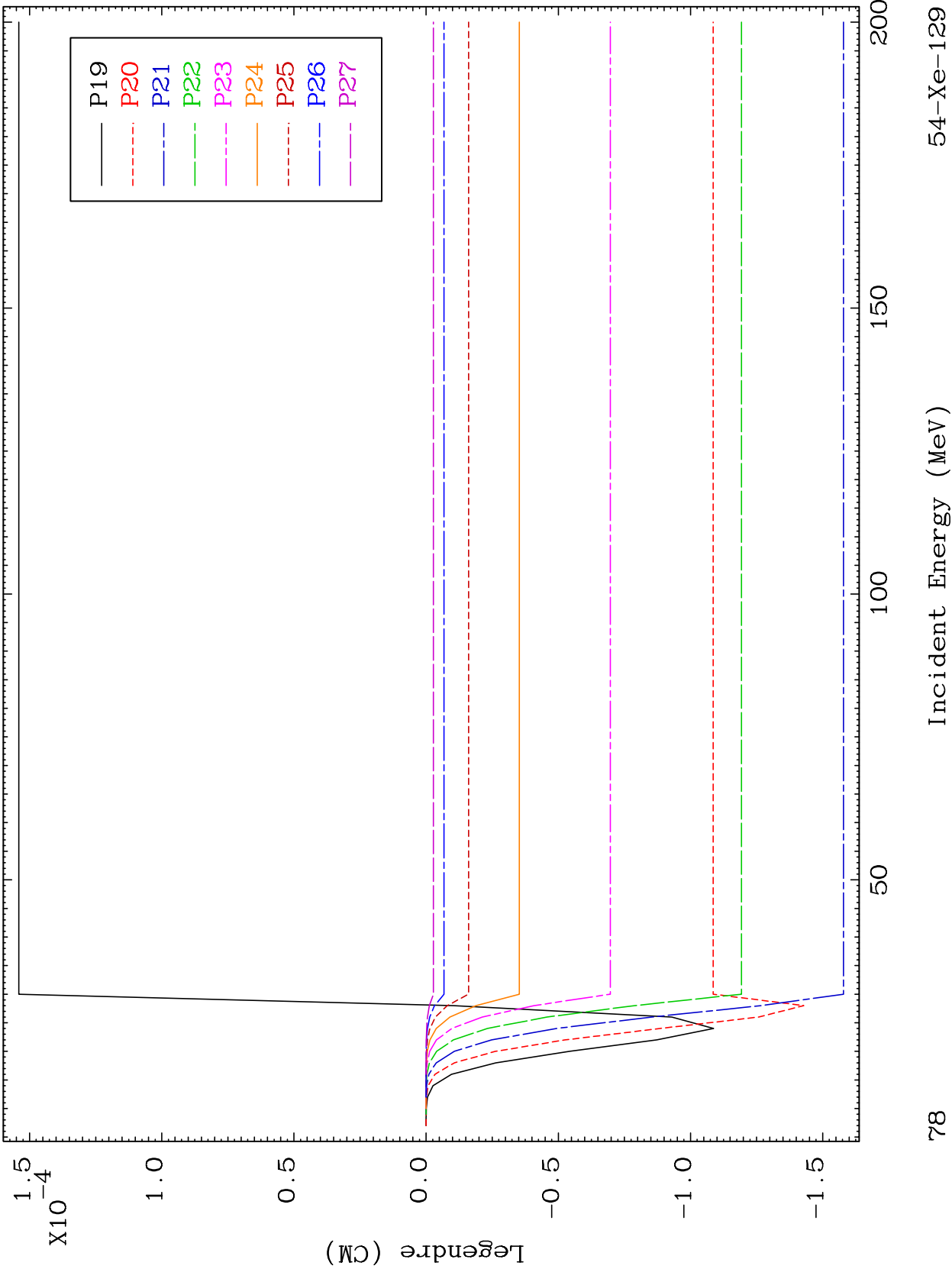
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



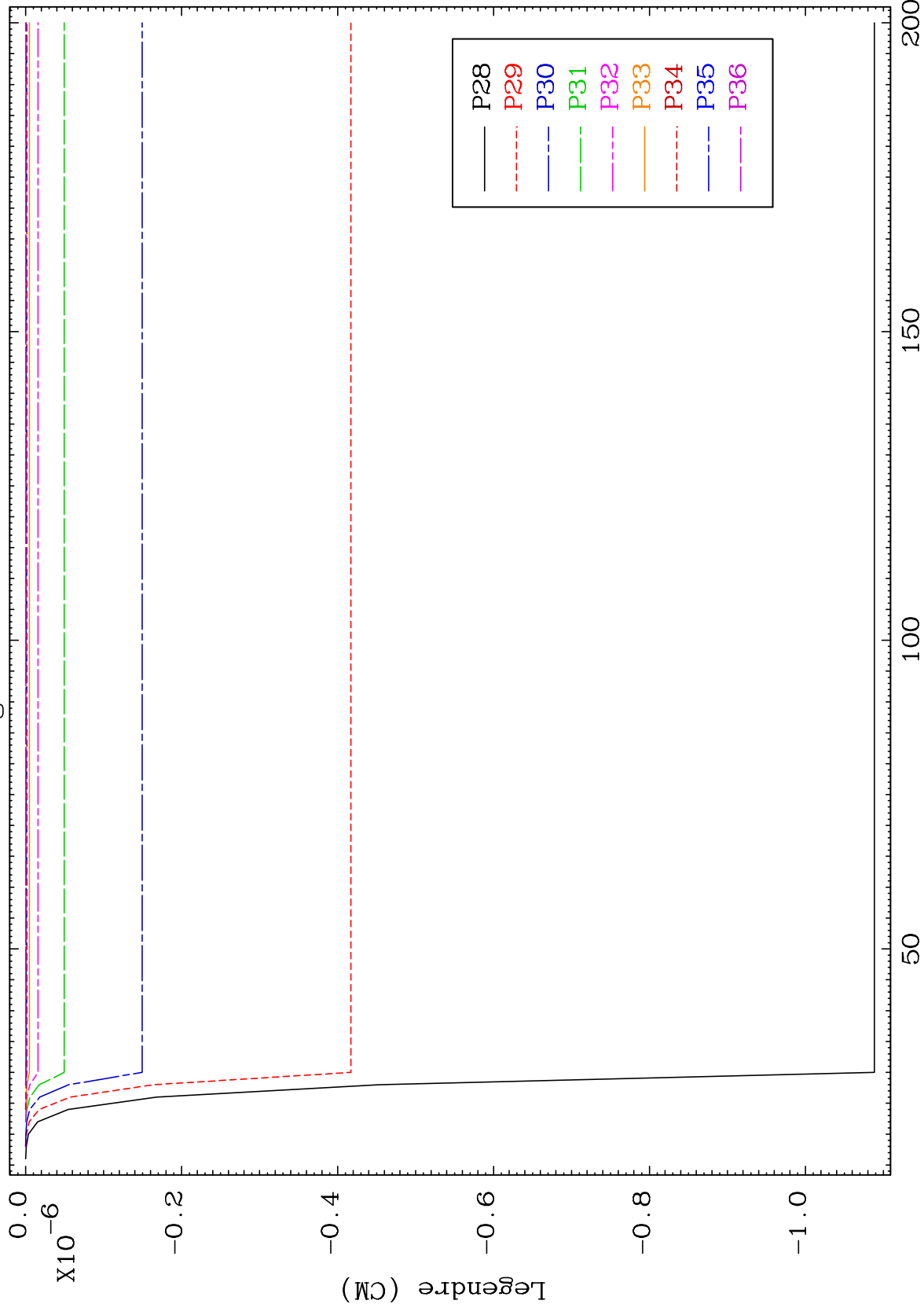
78

54-Xe-129

MAT 5440

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

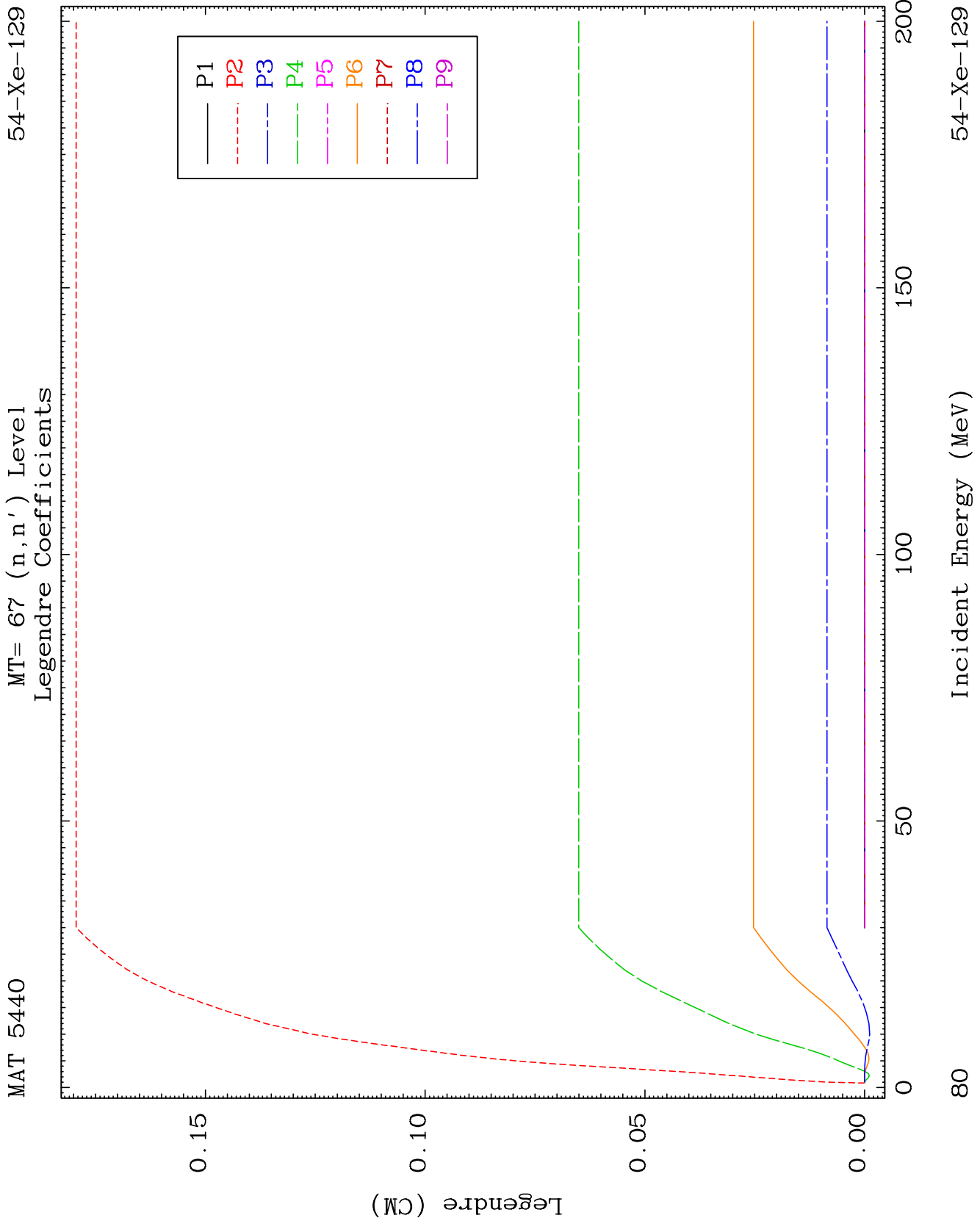
54-Xe-129



79

Incident Energy (MeV)

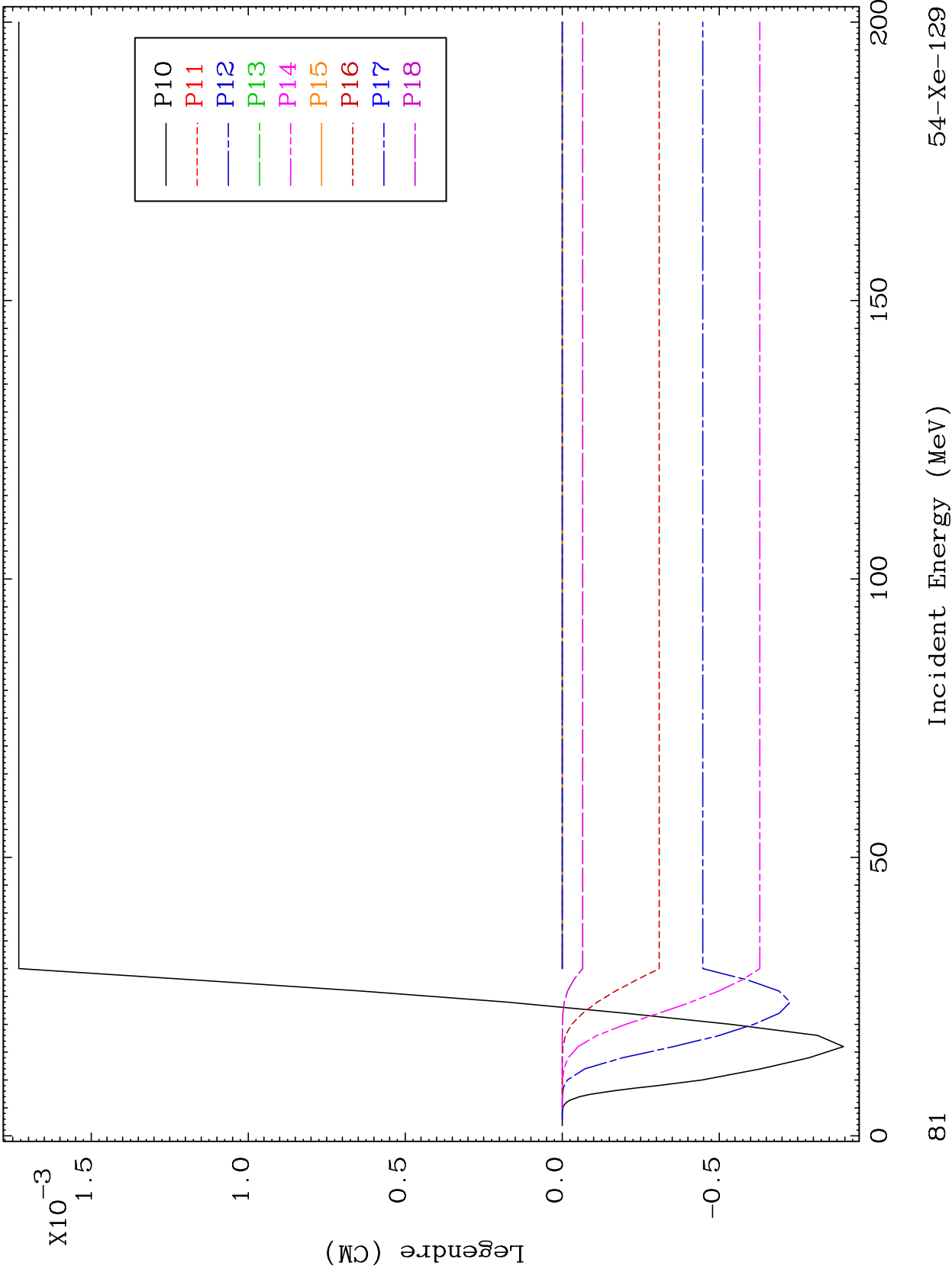
54-Xe-129



MAT 5440

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

54-Xe-129



81

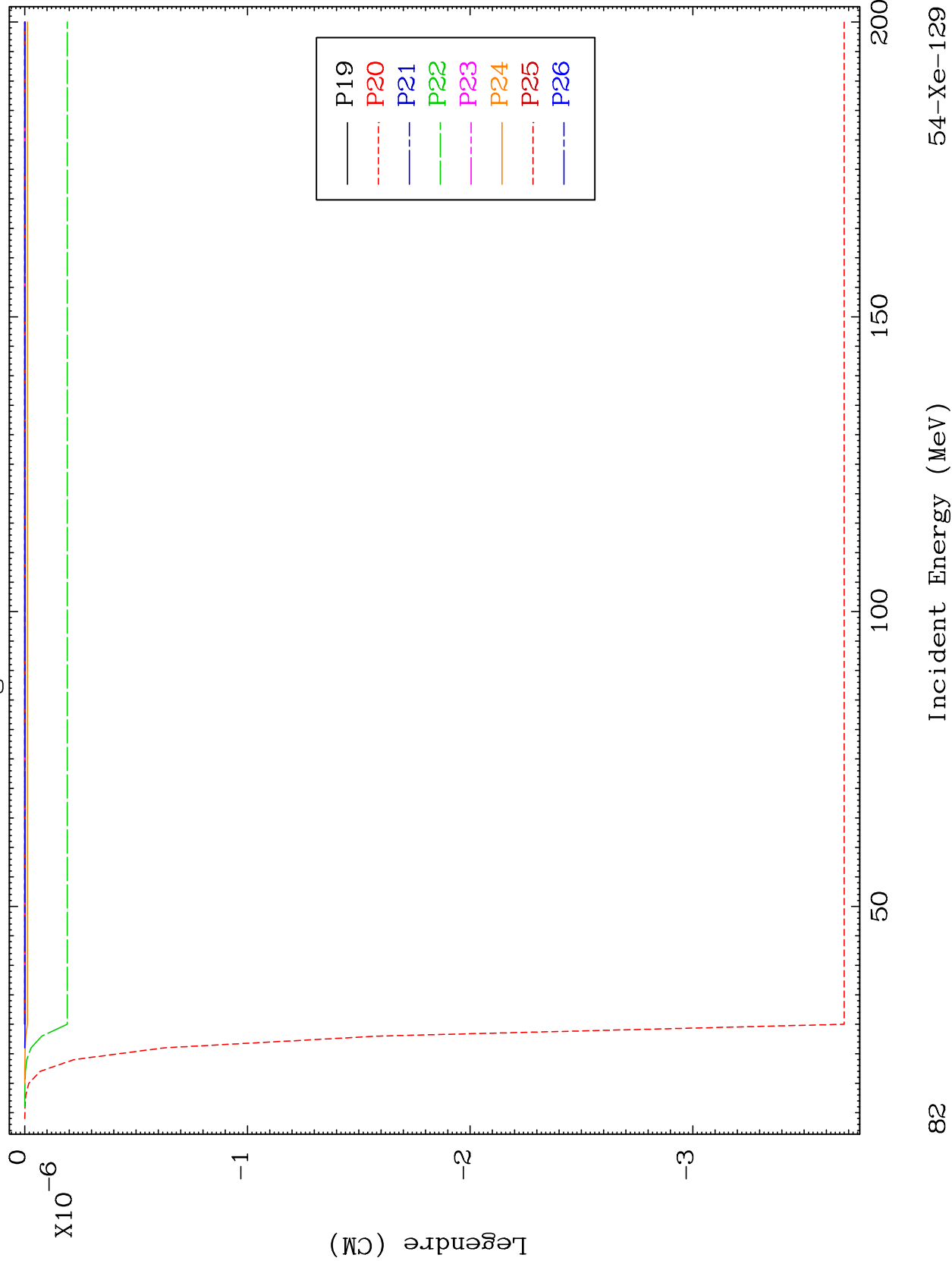
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



82

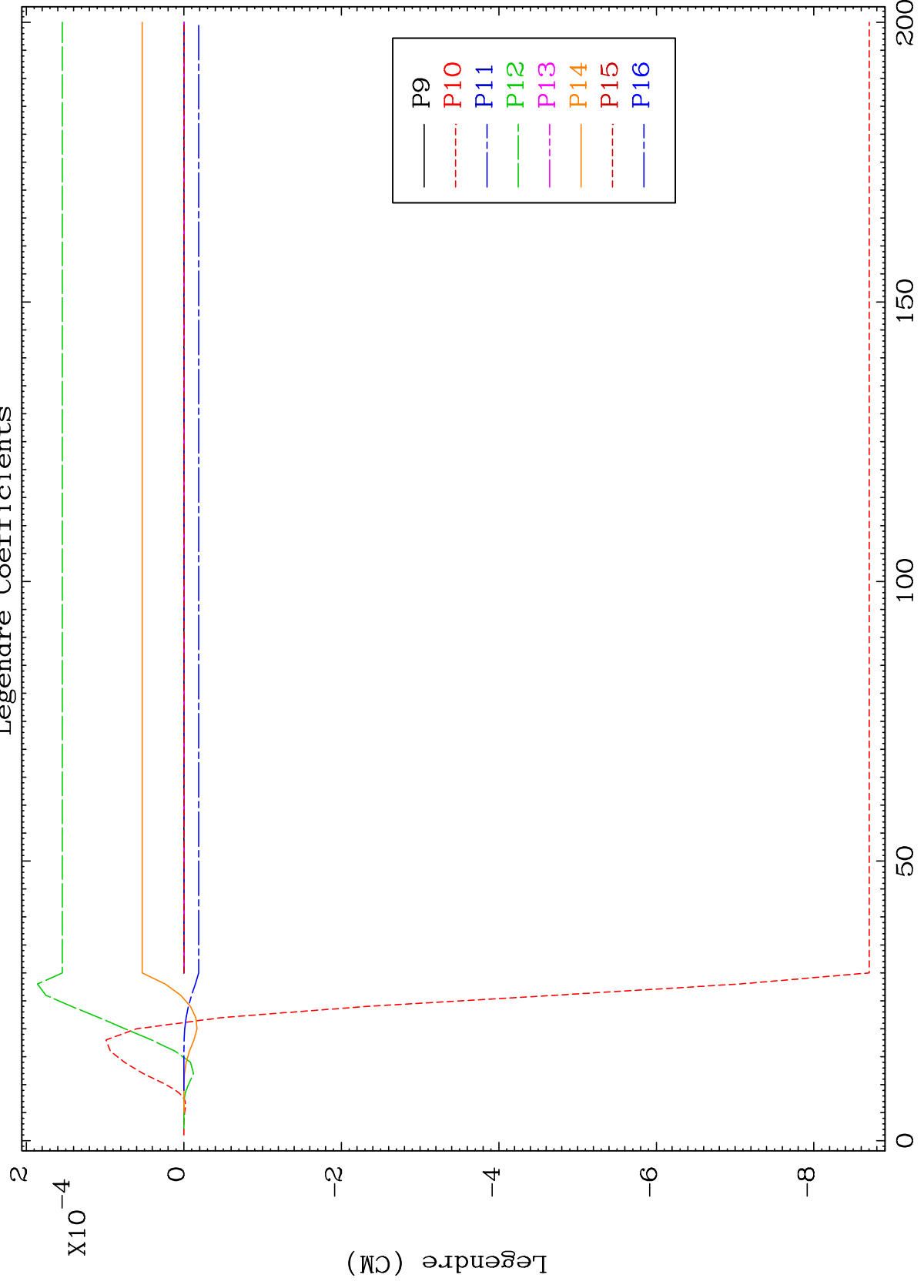
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



84

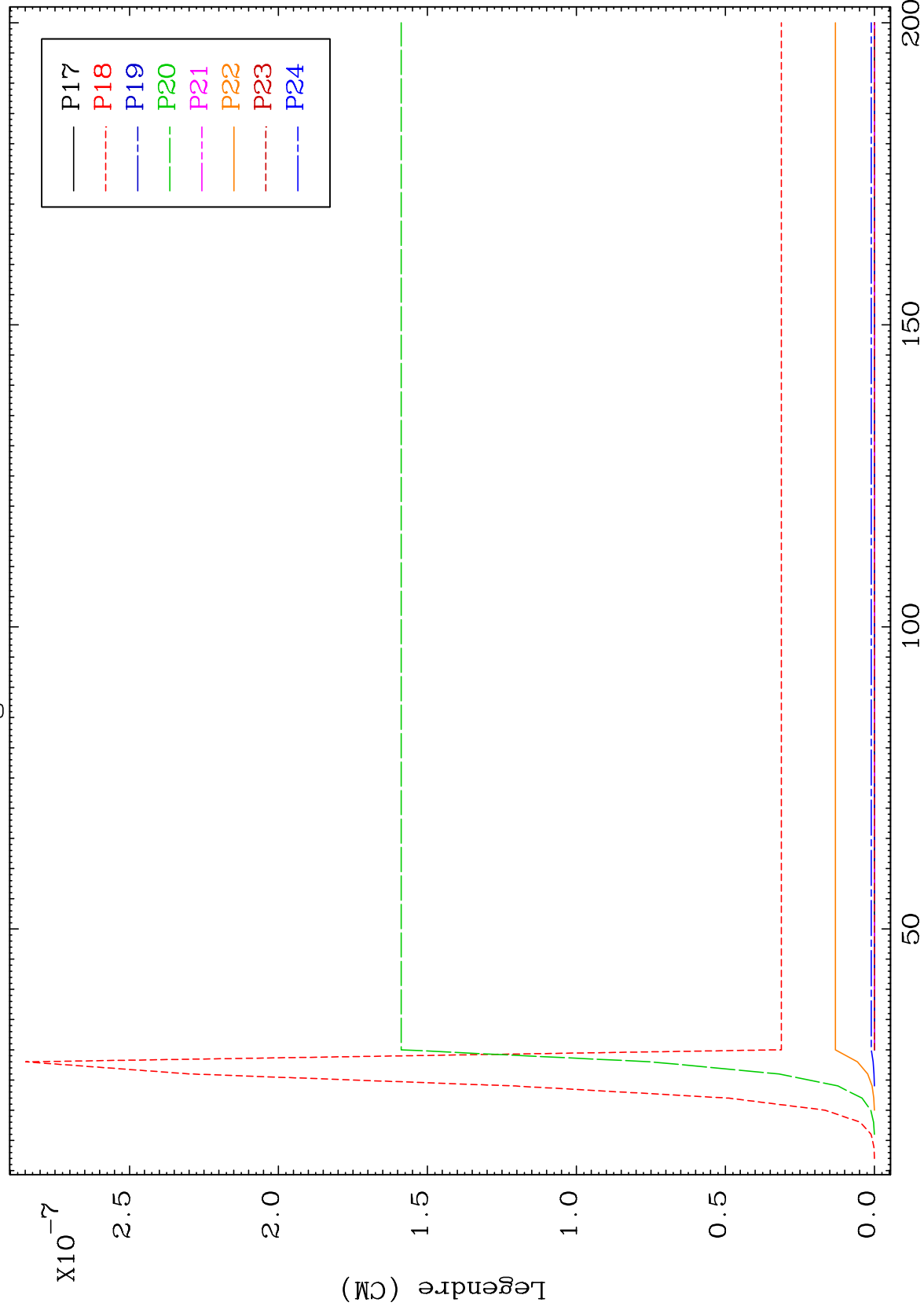
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



85

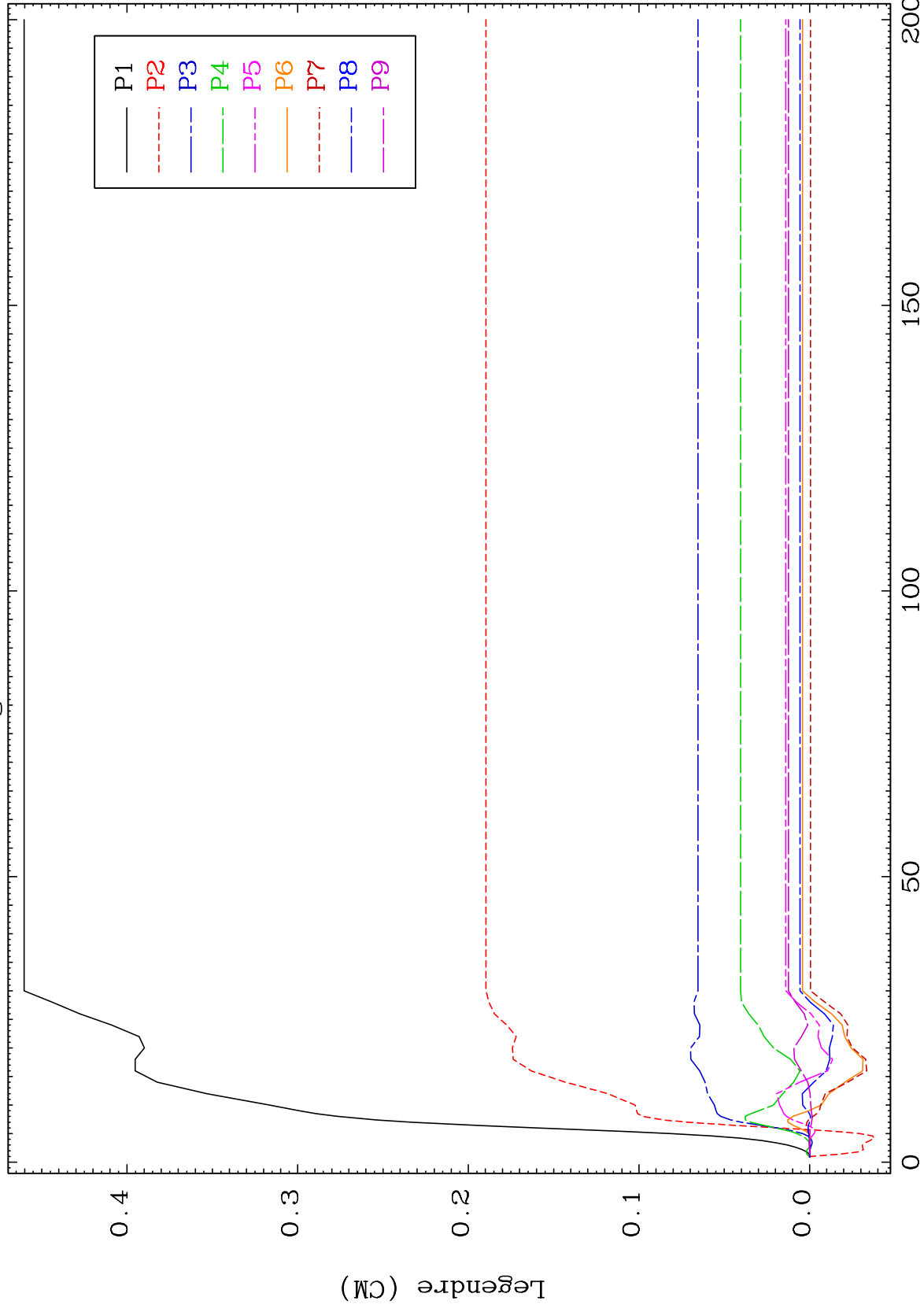
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



86

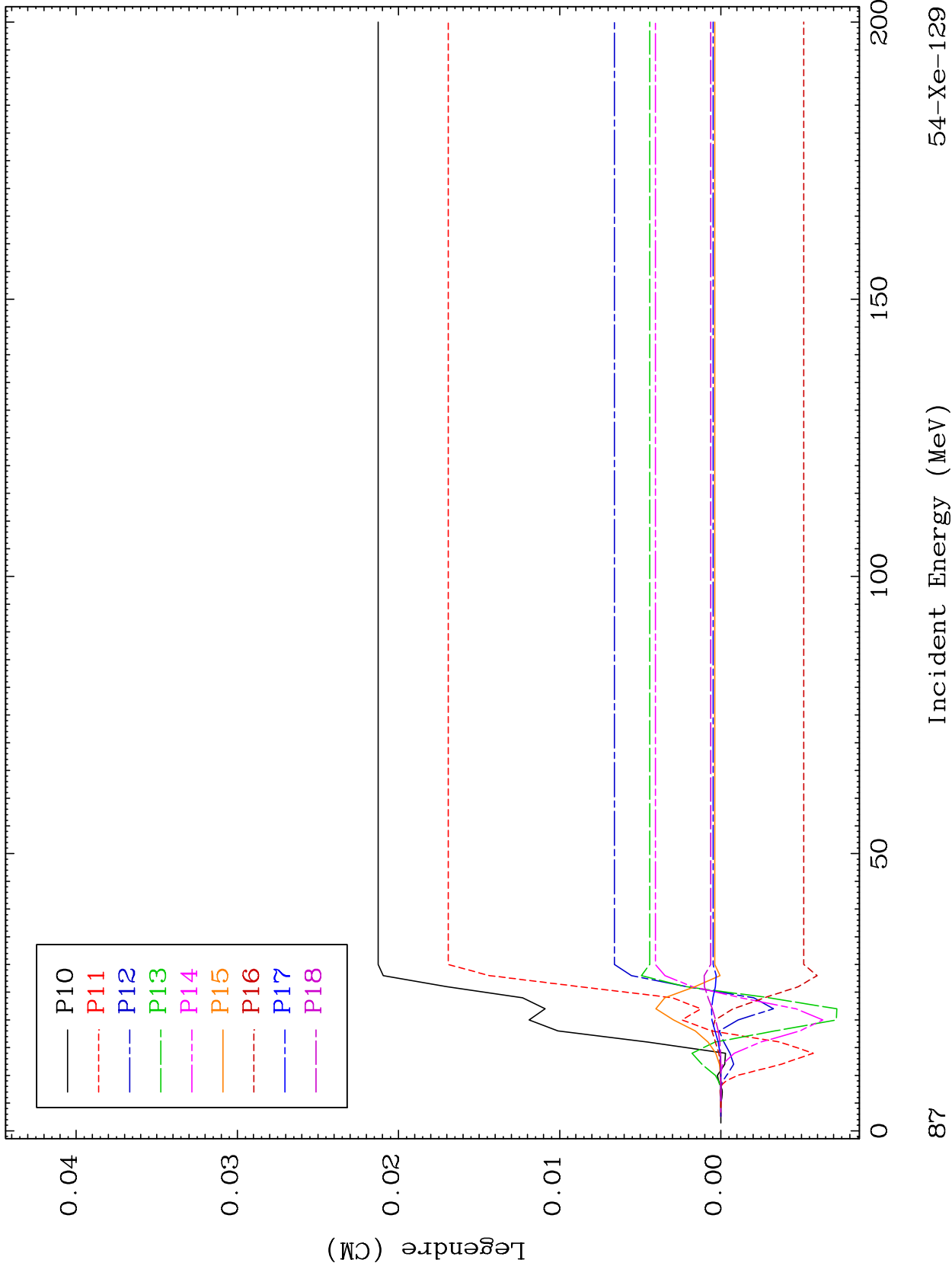
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



87

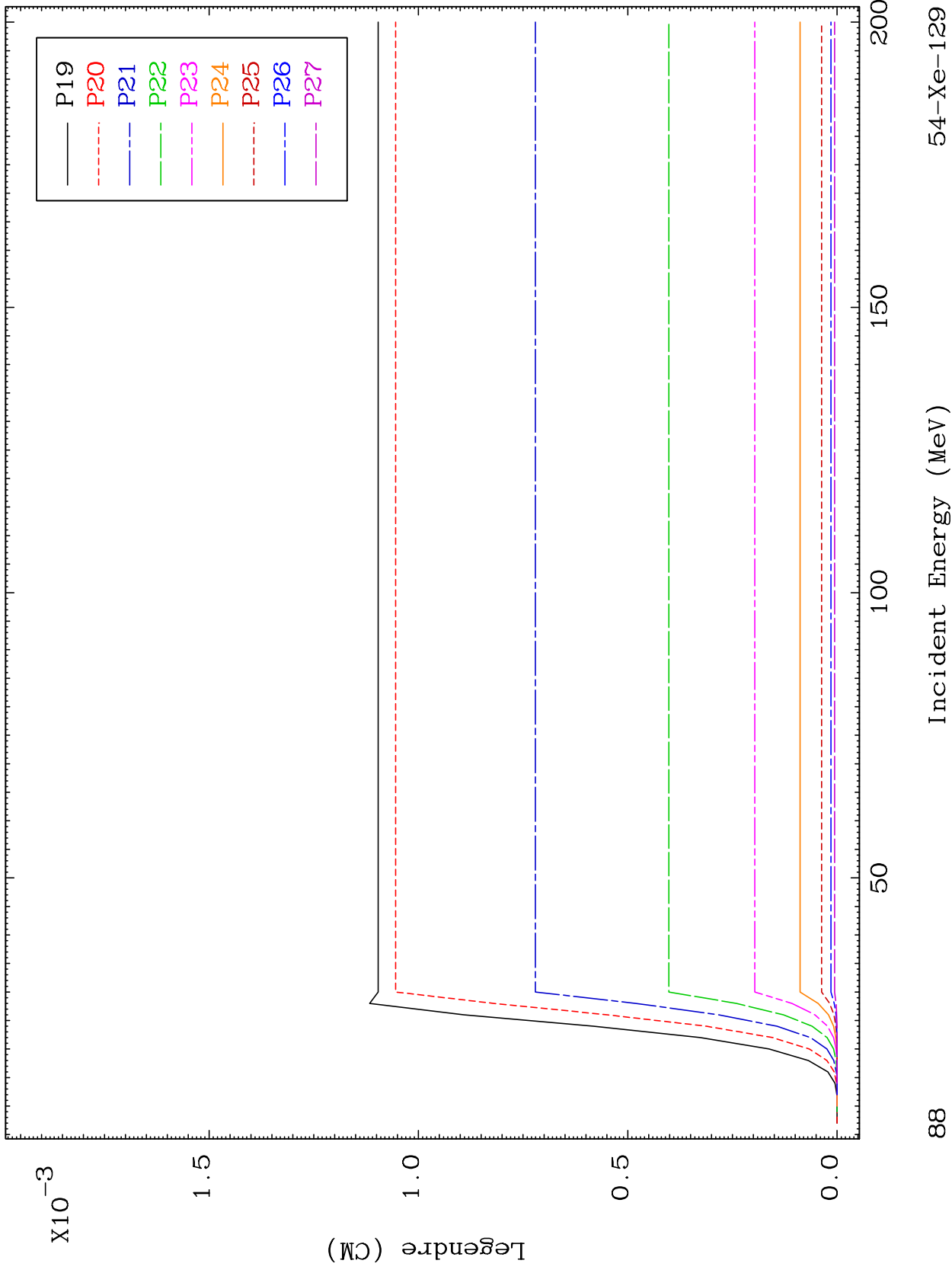
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

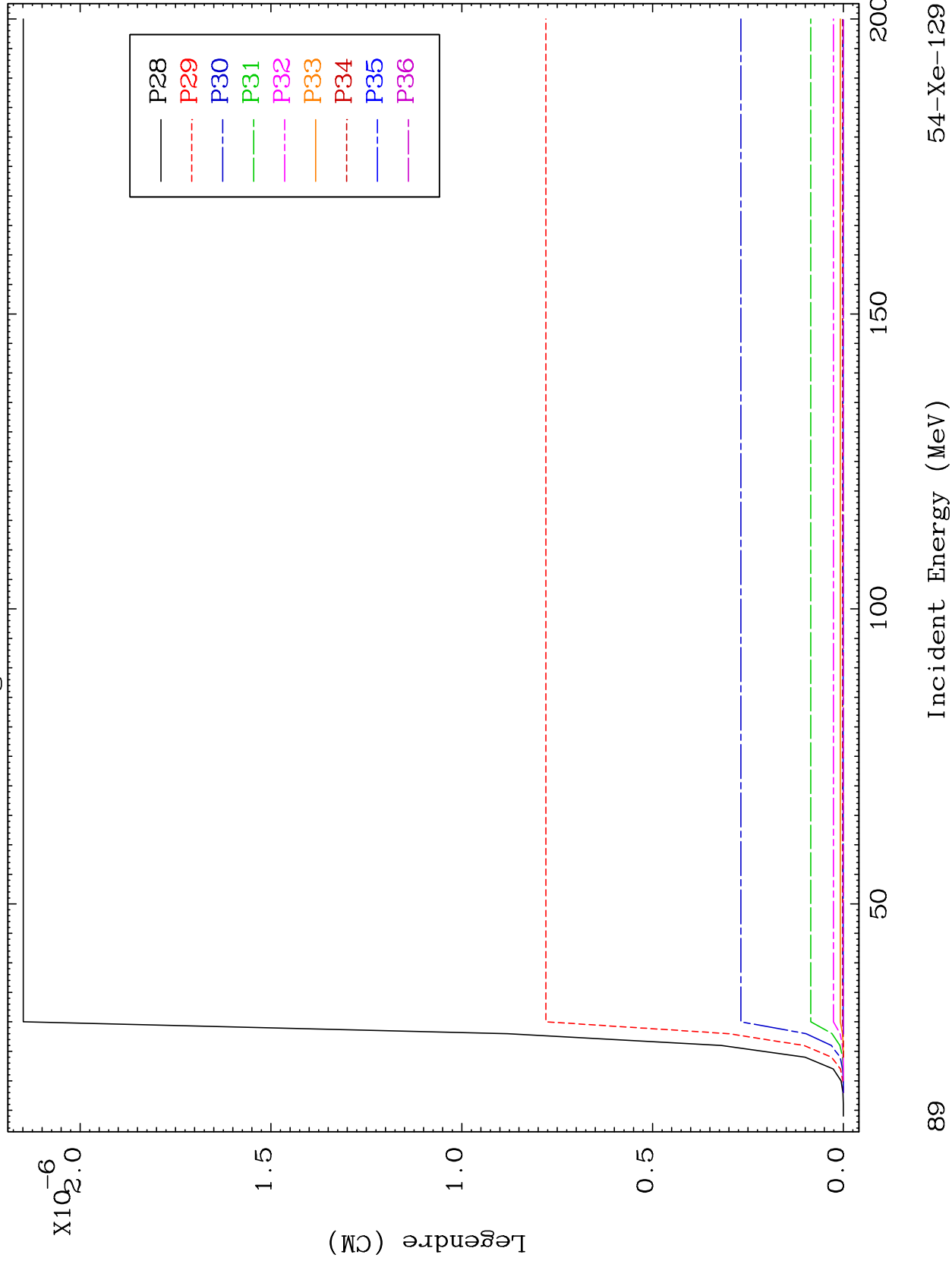
54-Xe-129



MAT 5440

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

54-Xe-129

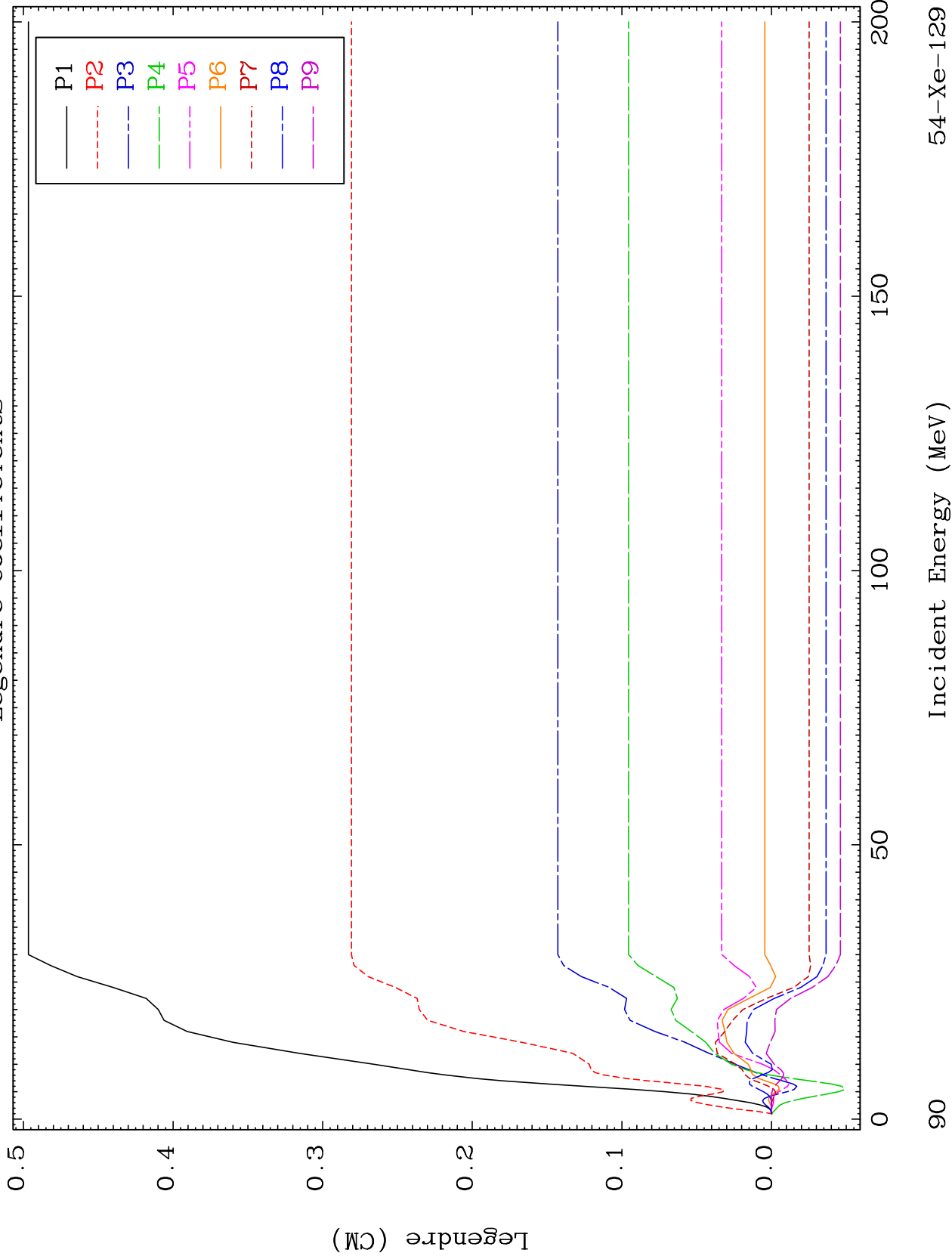


MAT 5440

MT= 70 (n,n') Level

54-Xe-129

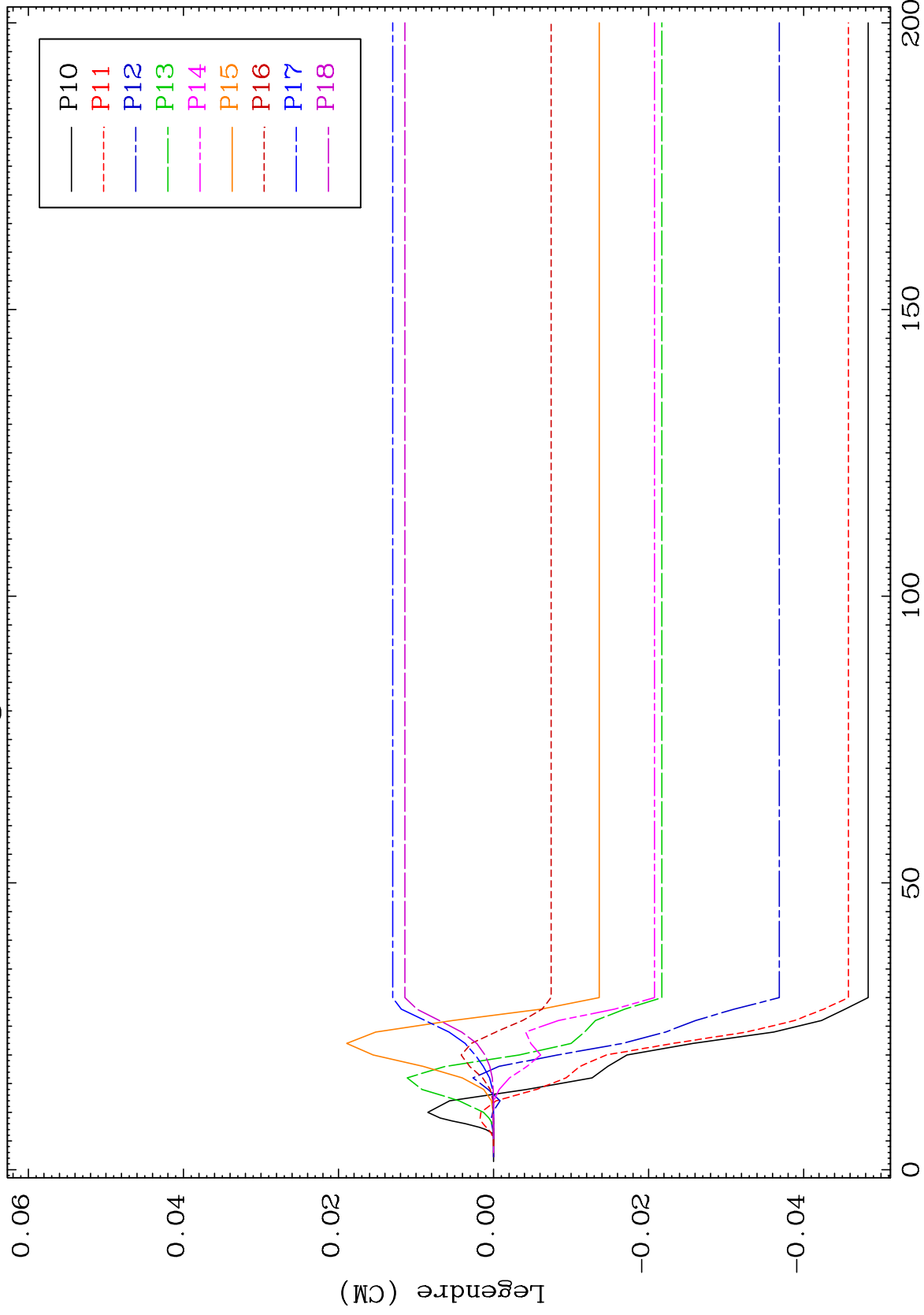
Legendre Coefficients



MAT 5440

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

54-Xe-129



91

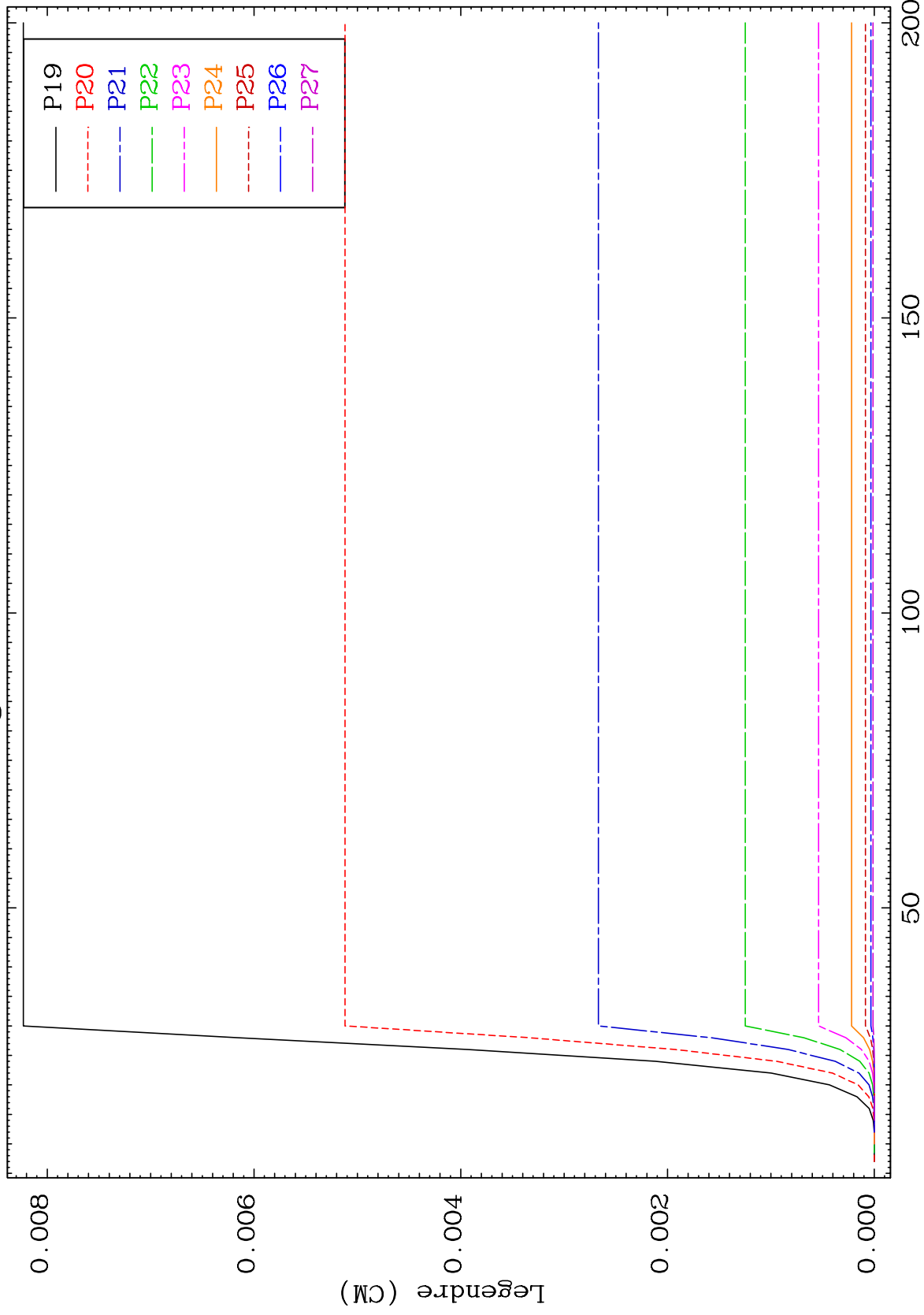
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



92

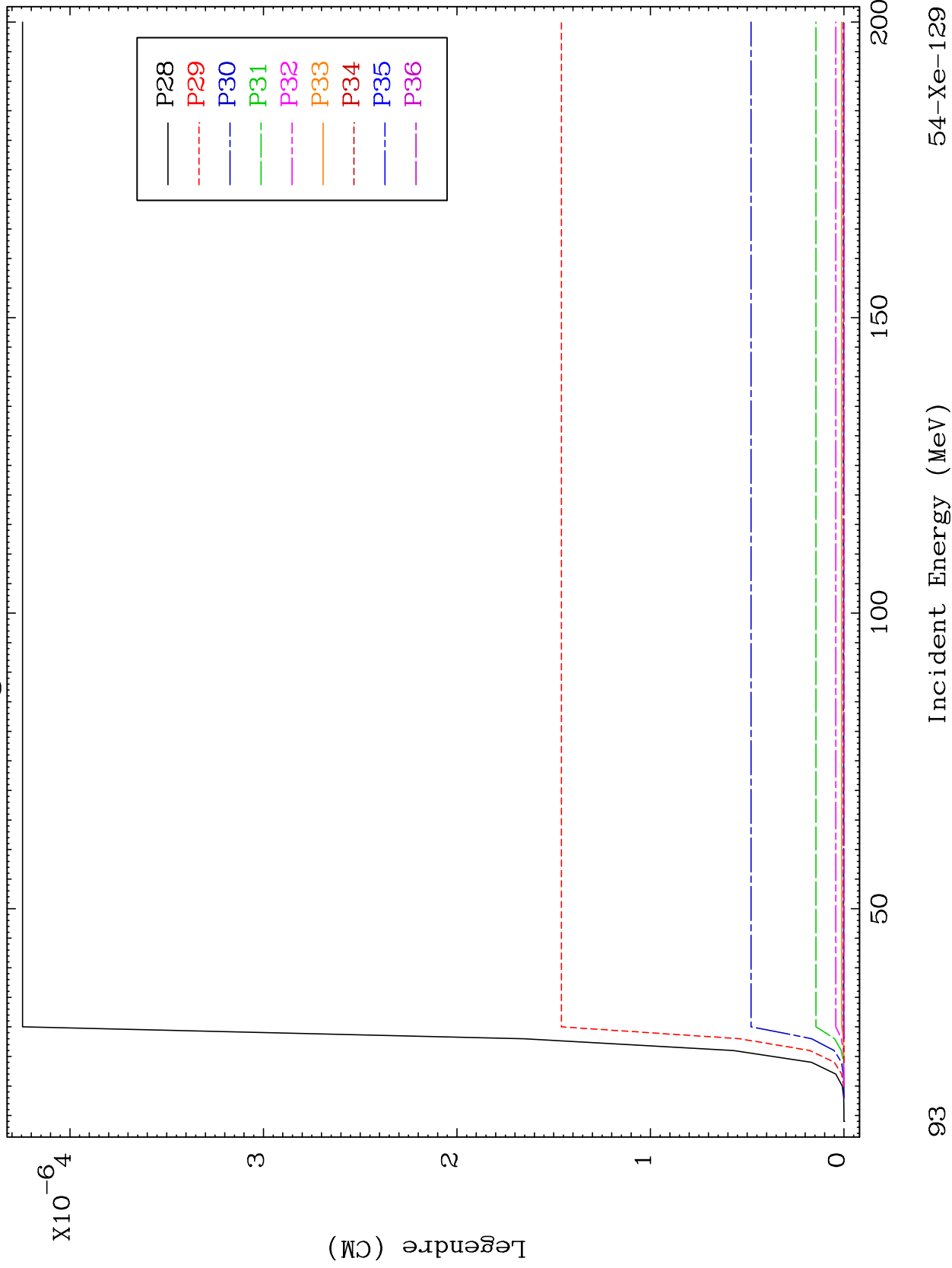
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

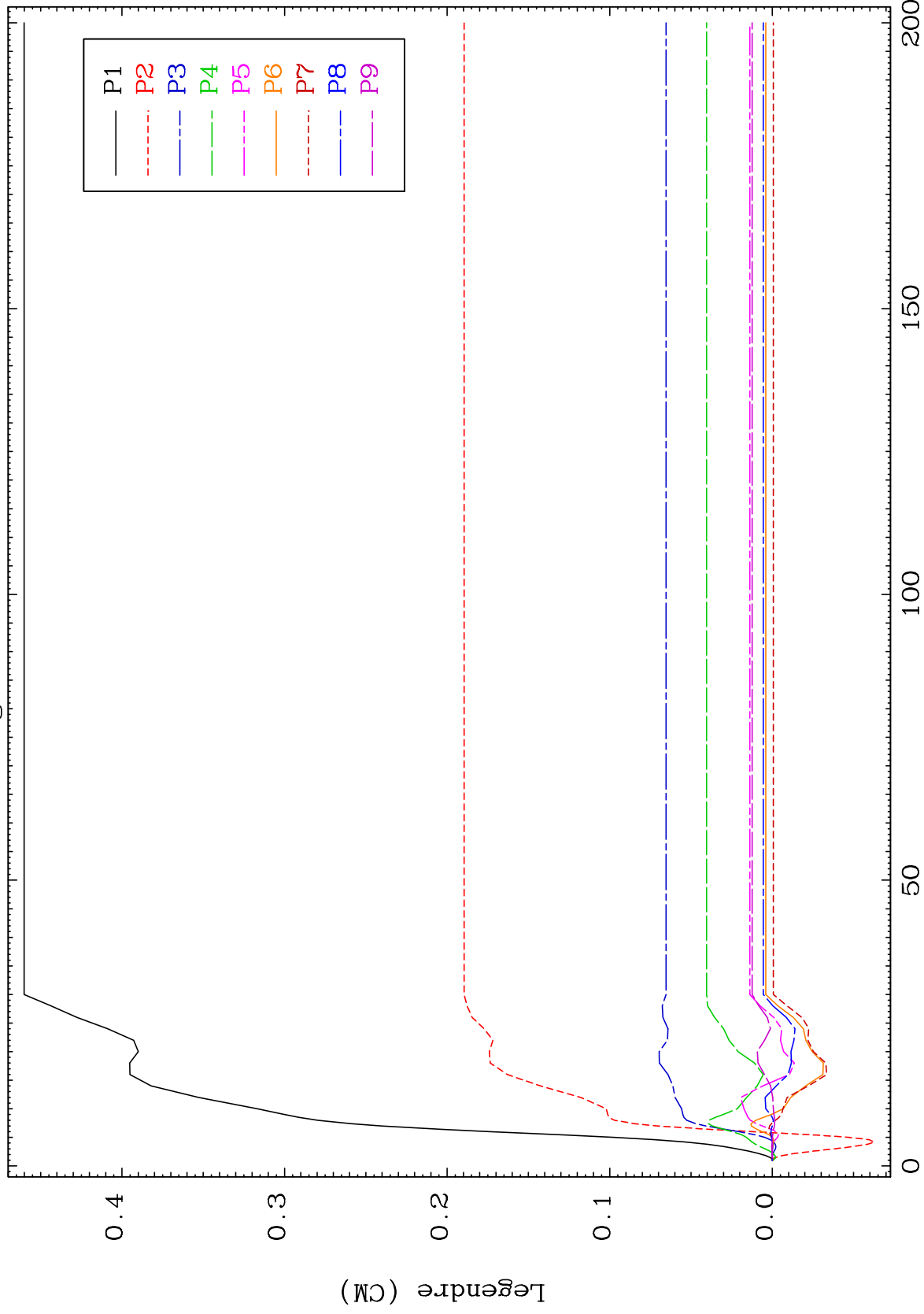
54-Xe-129



MAT 5440

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

54-Xe-129



94

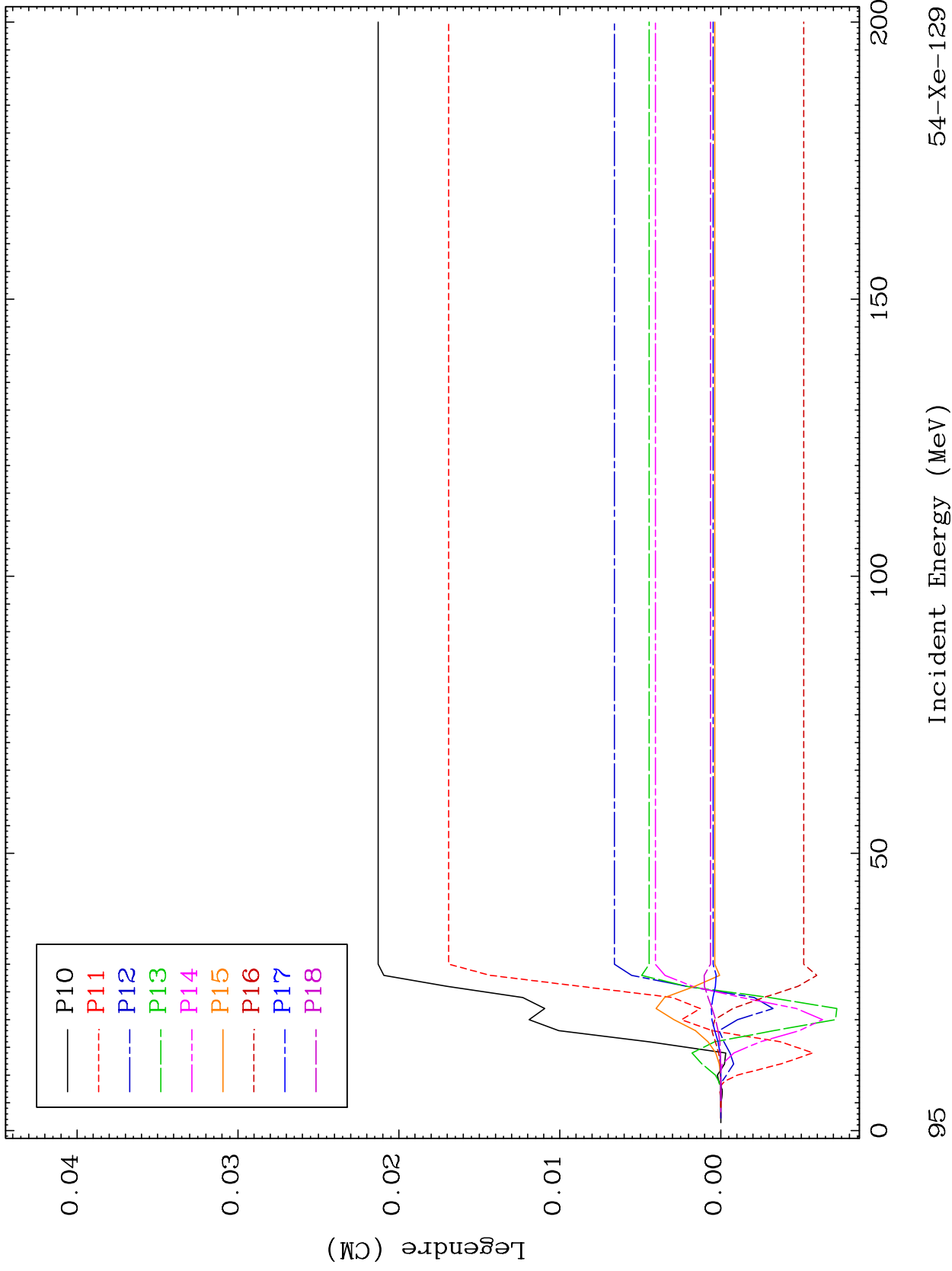
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

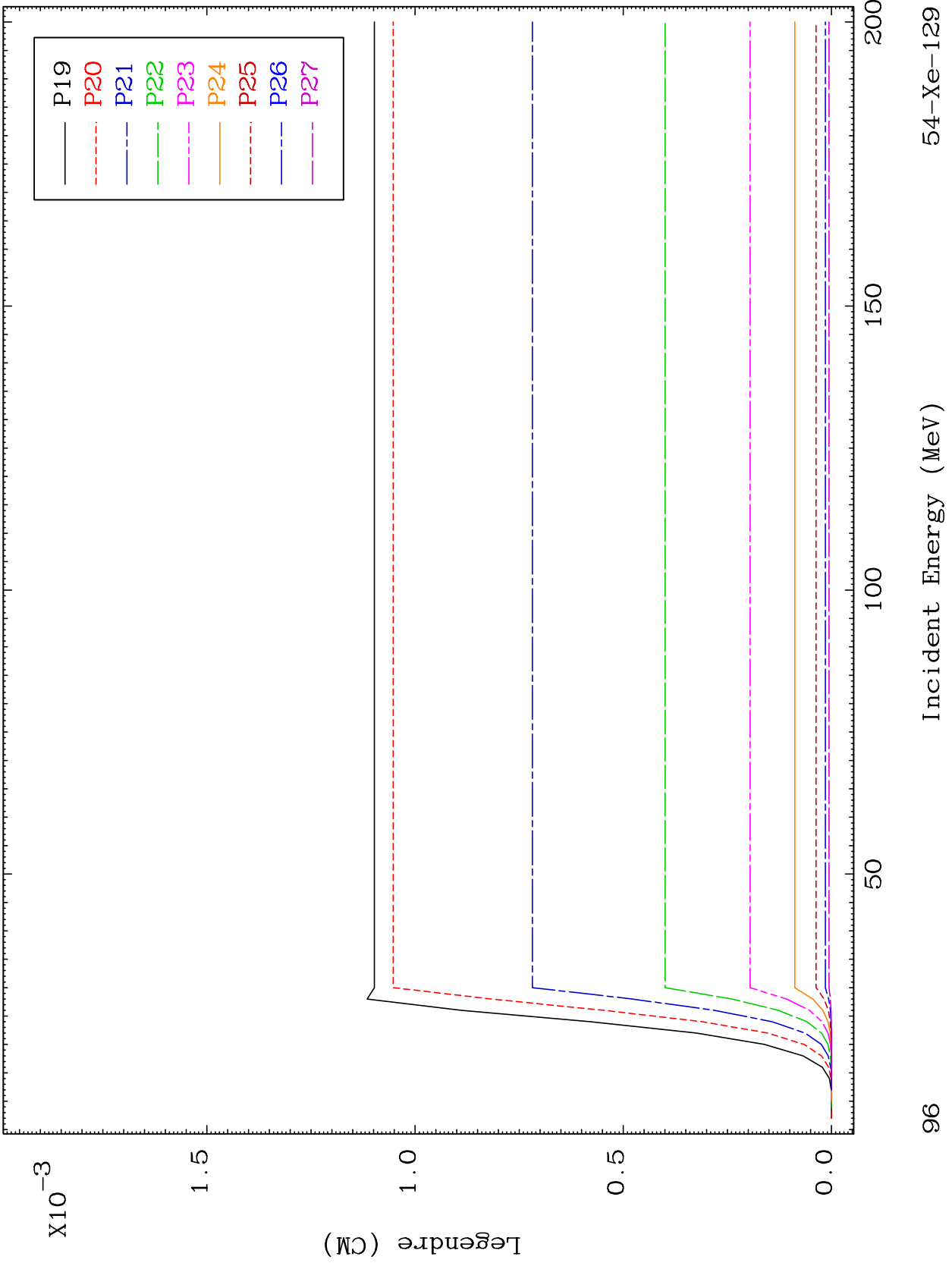
Incident Energy (MeV)

95

MAT 5440

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

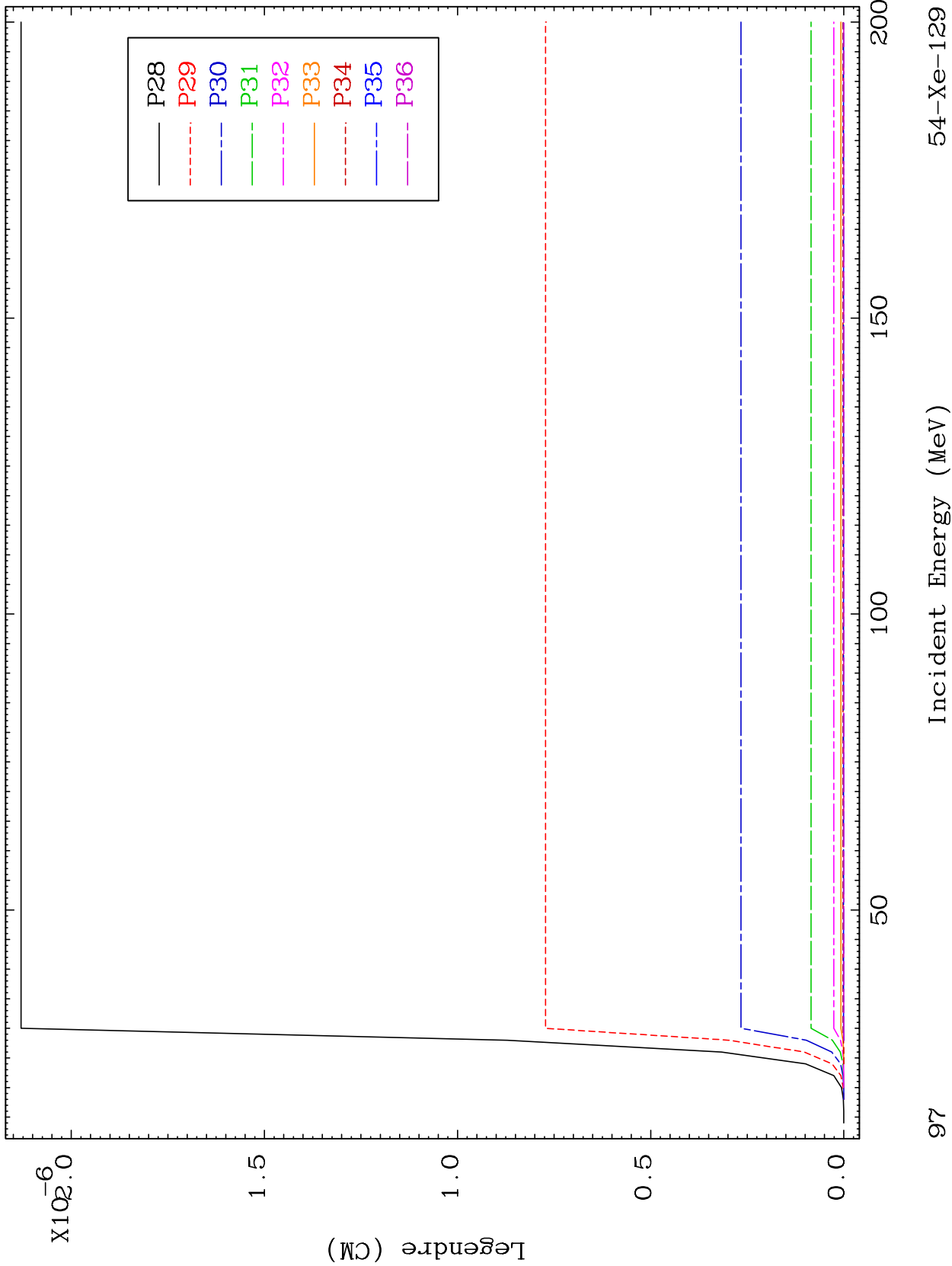
54-Xe-129



MAT 5440

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

54-Xe-129

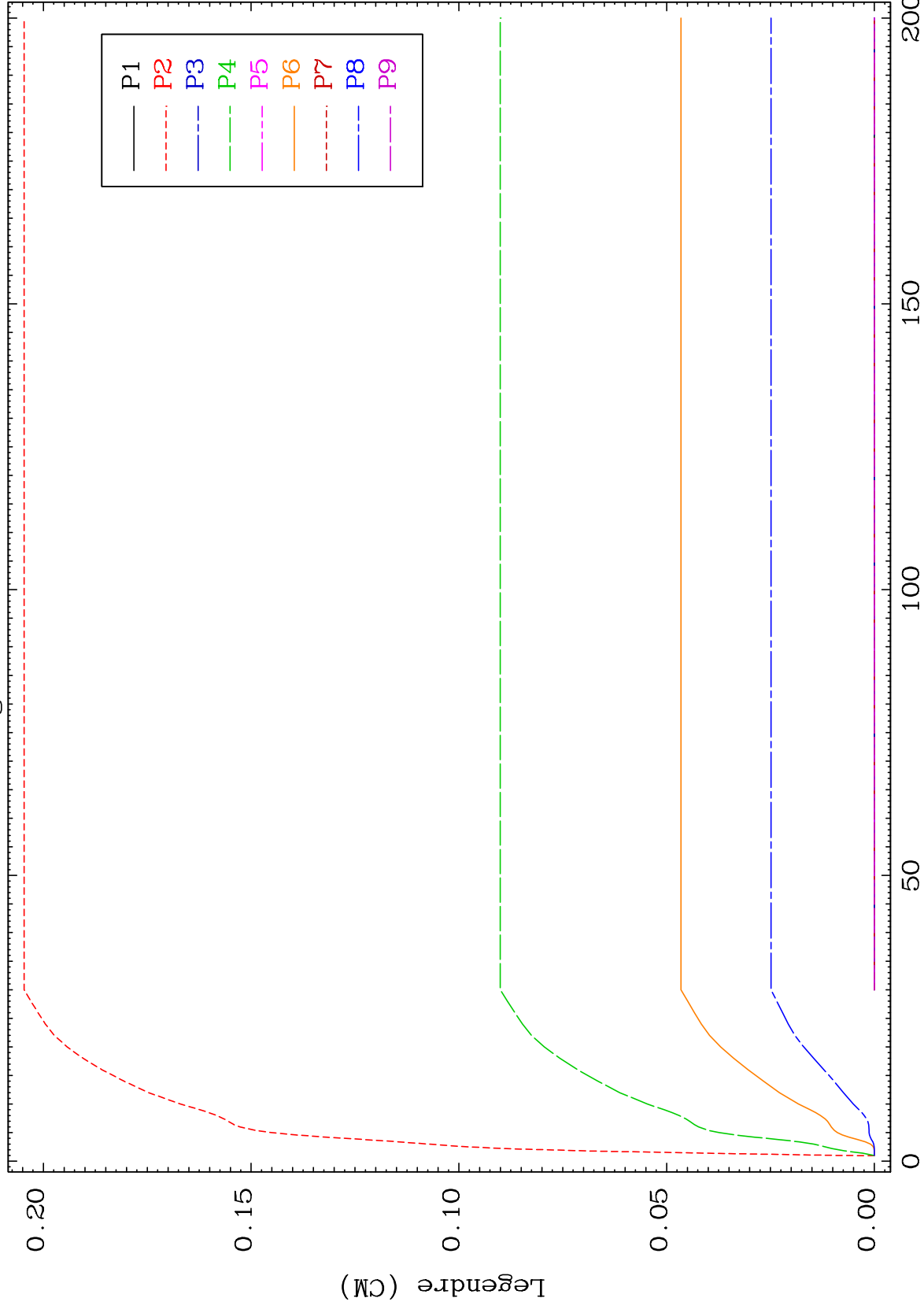


MAT 5440

MT= 72 (n,n') Level

54-Xe-129

Legendre Coefficients



98

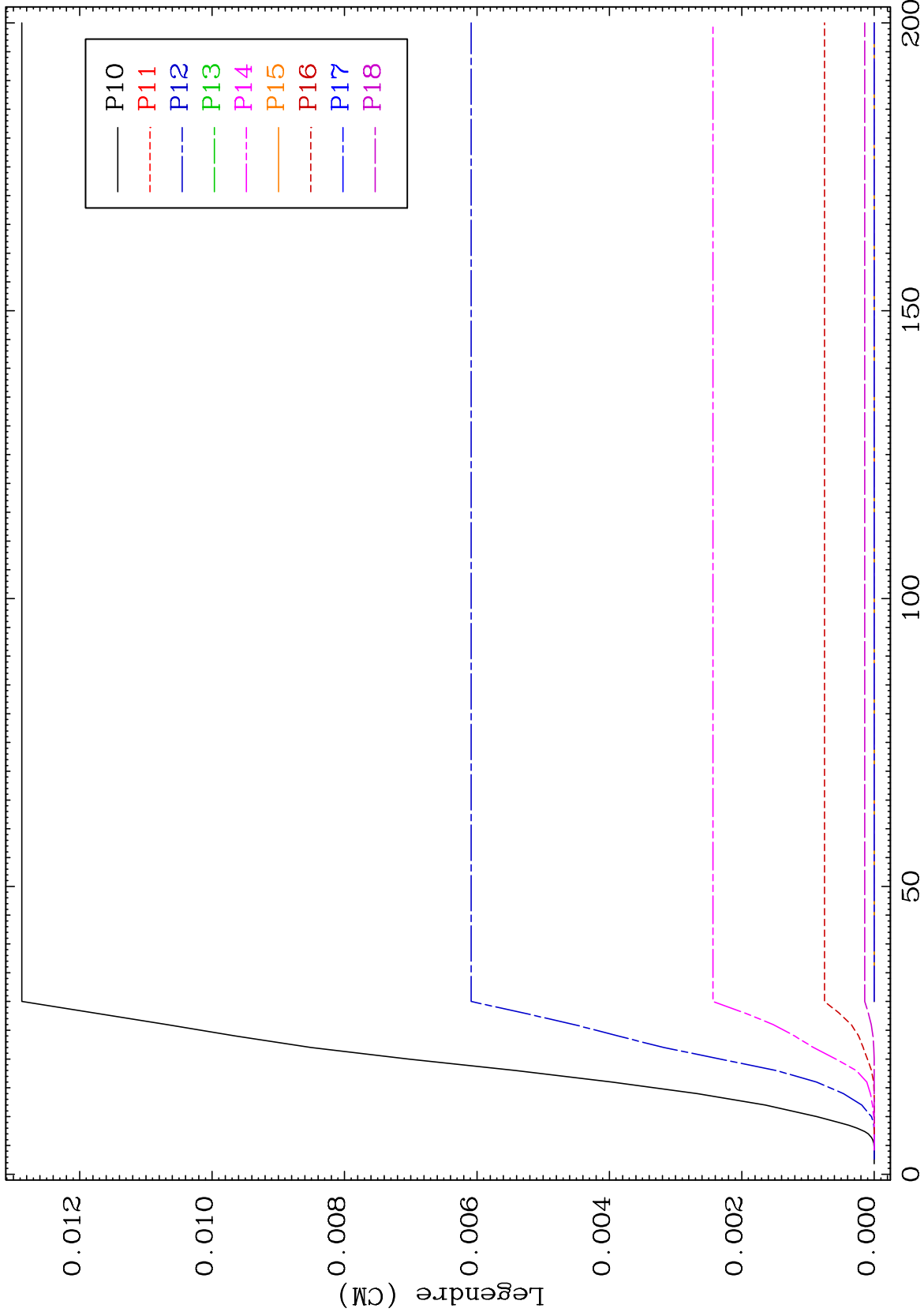
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

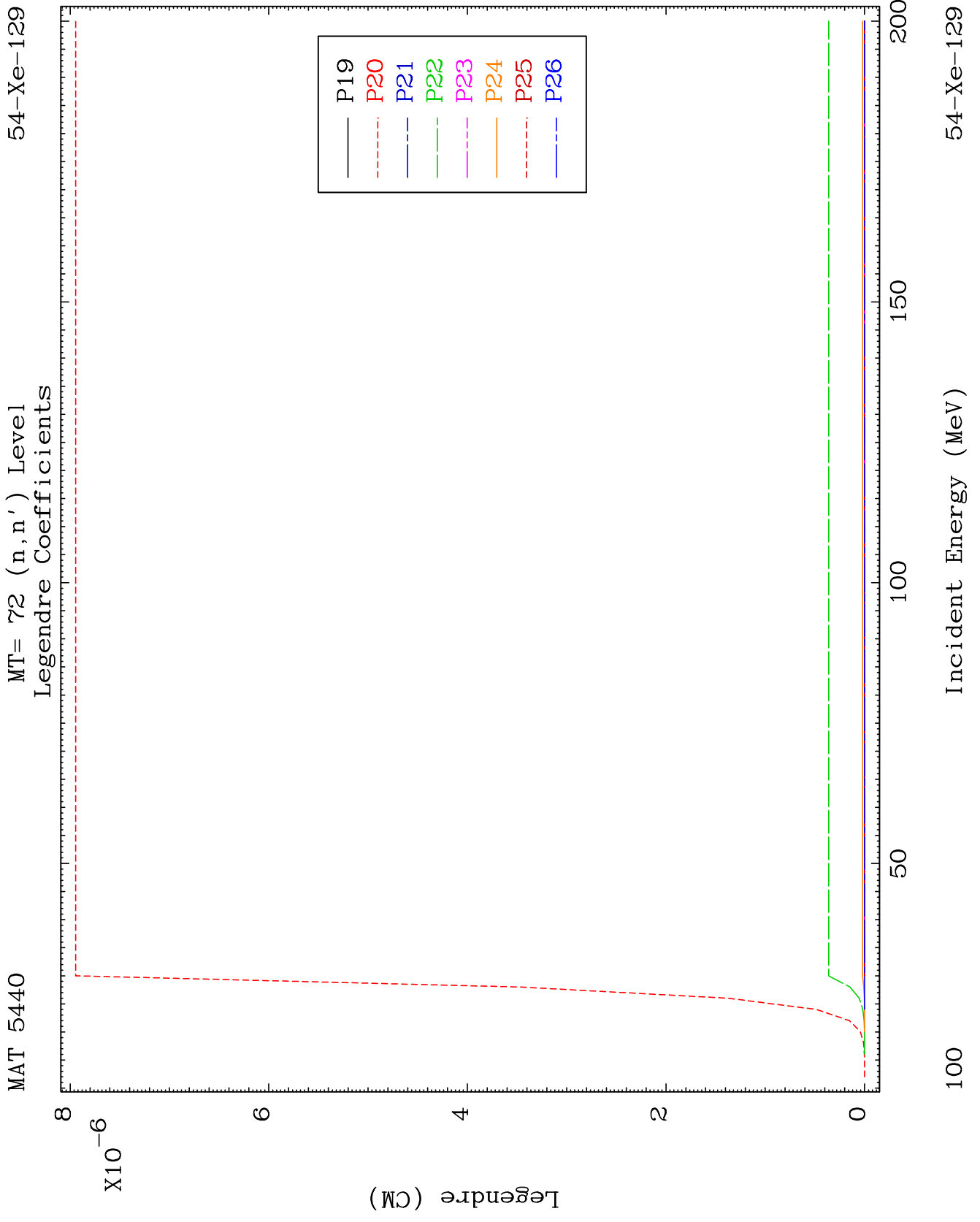
54-Xe-129



99

Incident Energy (MeV)

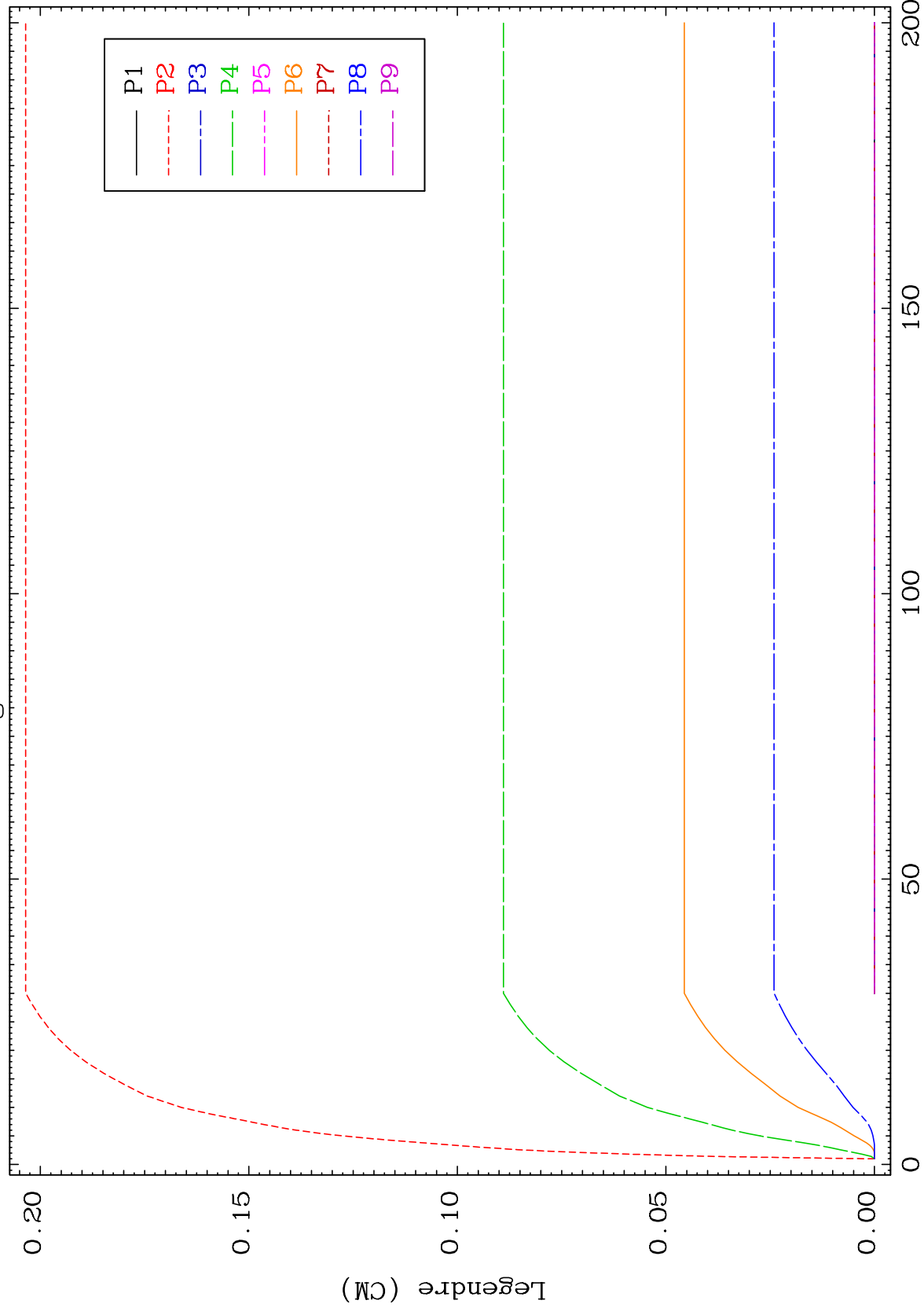
54-Xe-129



MAT 5440

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

54-Xe-129



101

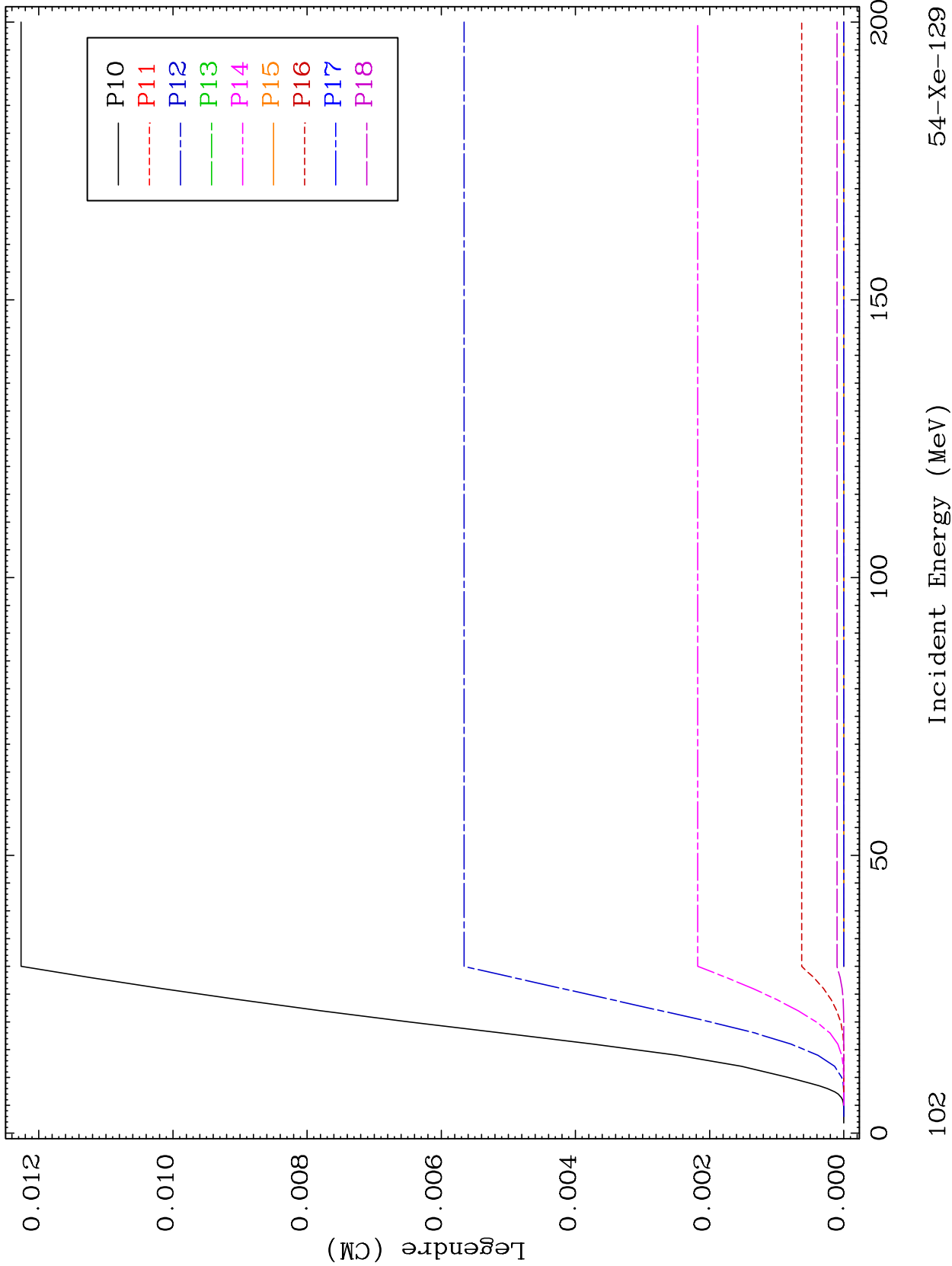
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

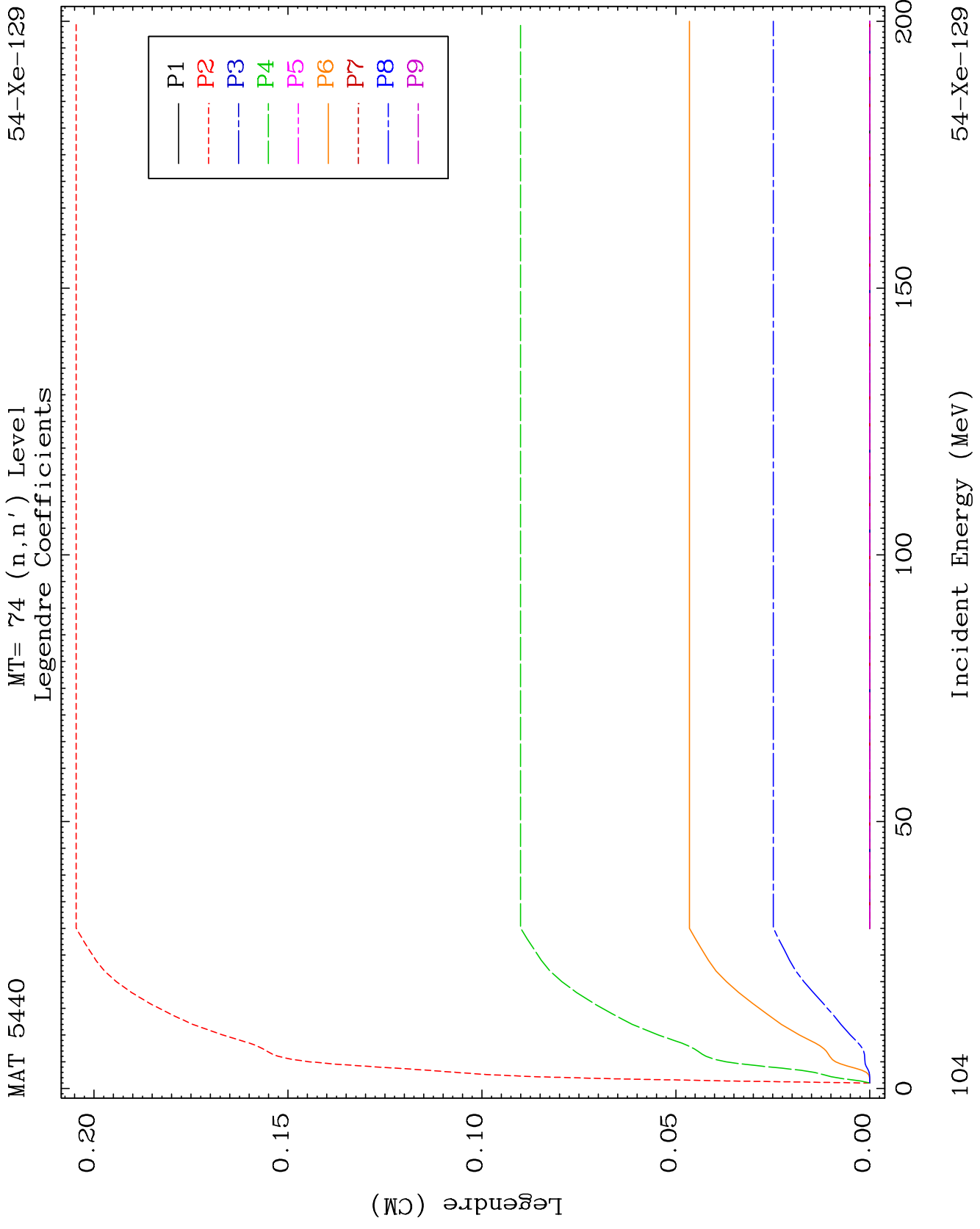
54-Xe-129



54-Xe-129

Incident Energy (MeV)

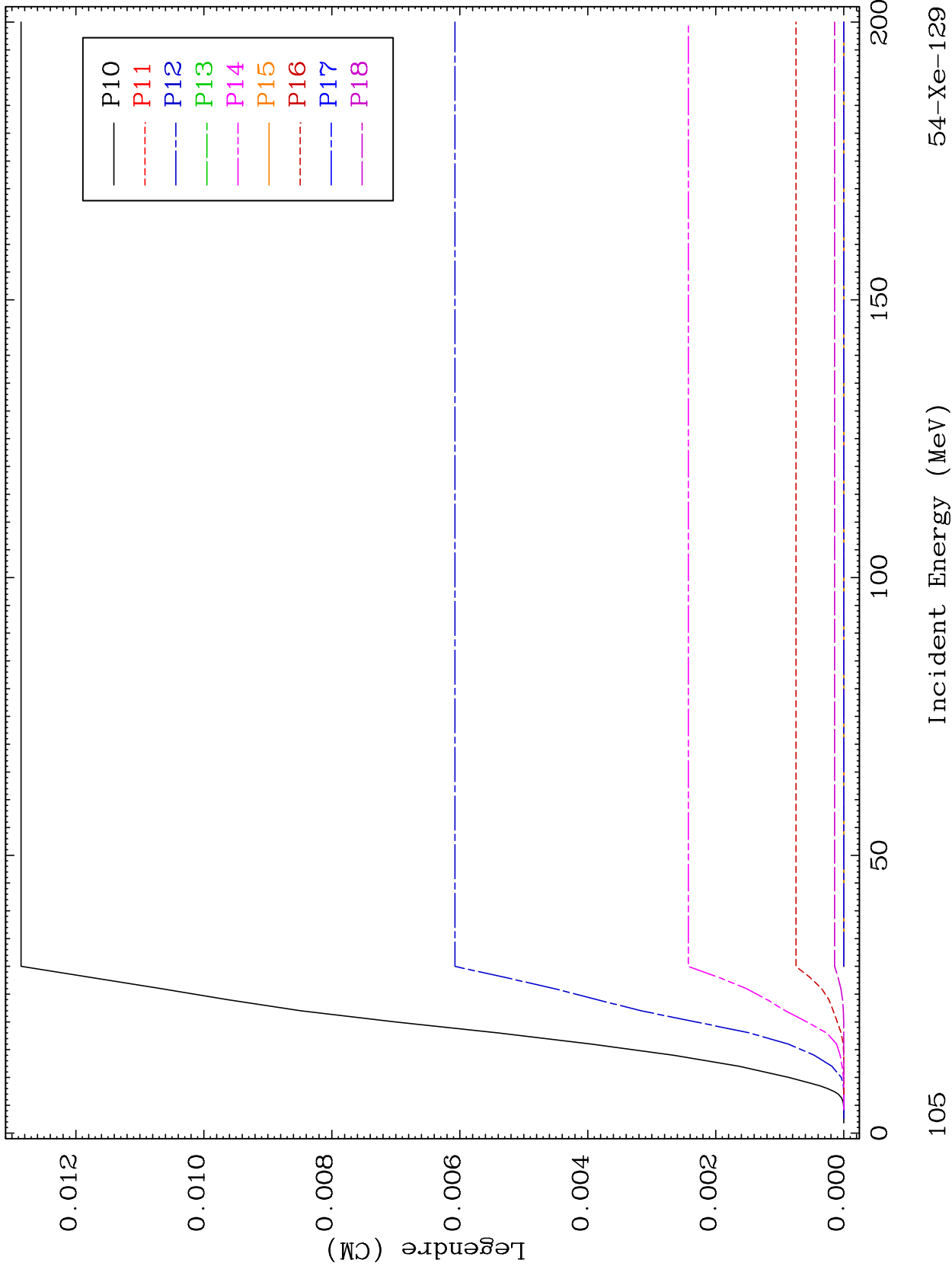
102



MAT 5440

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

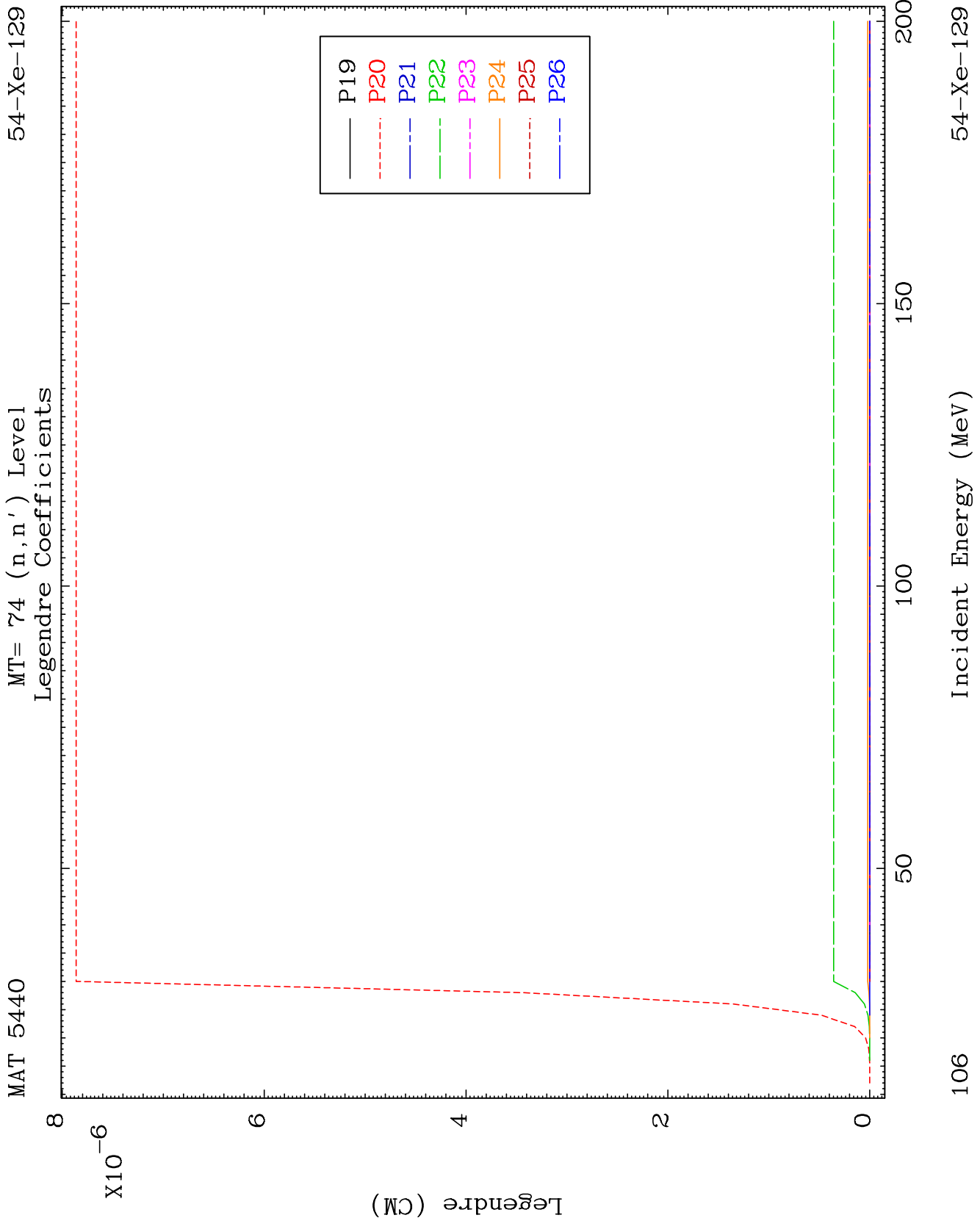
54-Xe-129



54-Xe-129

Incident Energy (MeV)

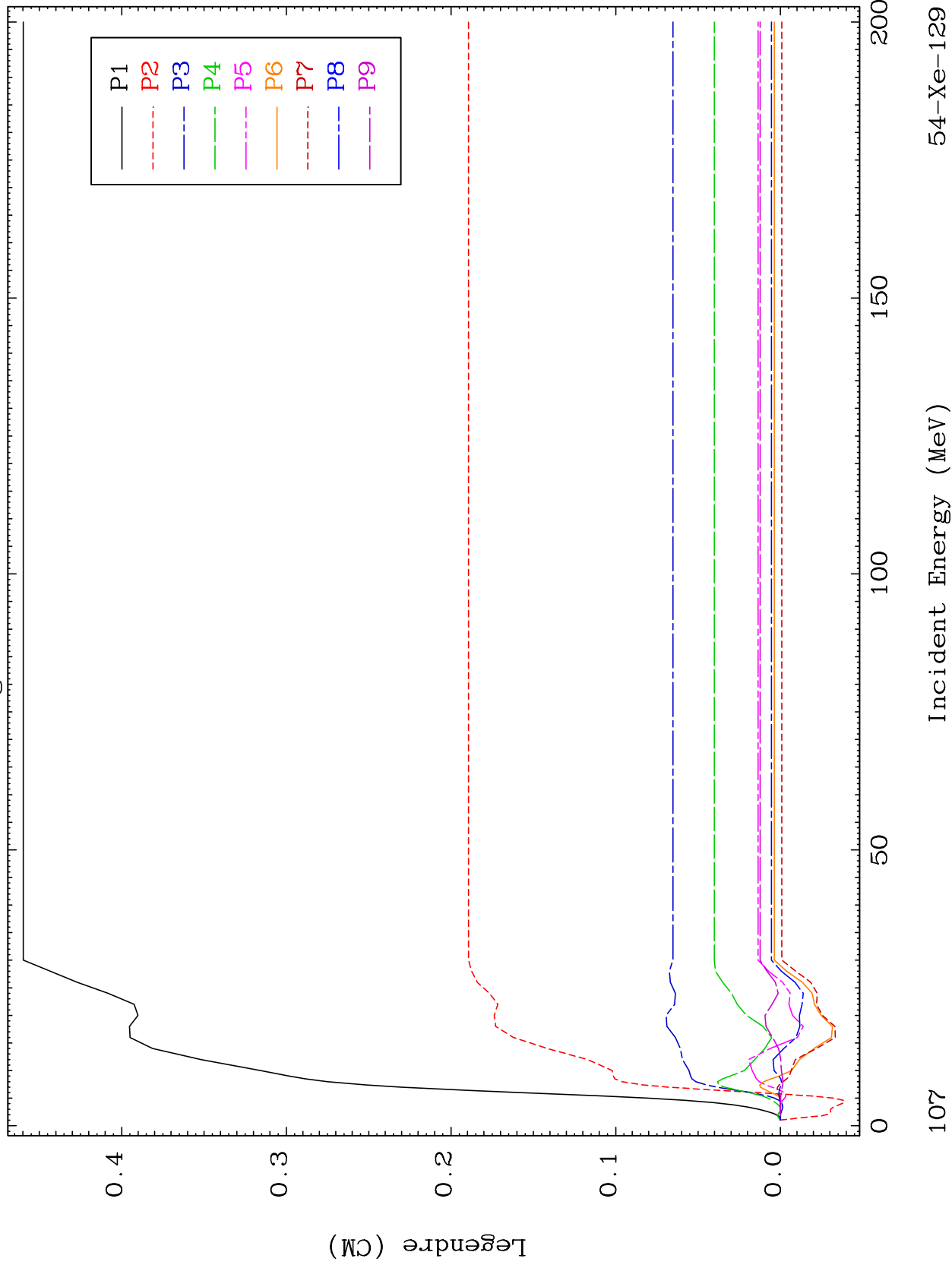
105



MAT 5440

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

54-Xe-129



54-Xe-129

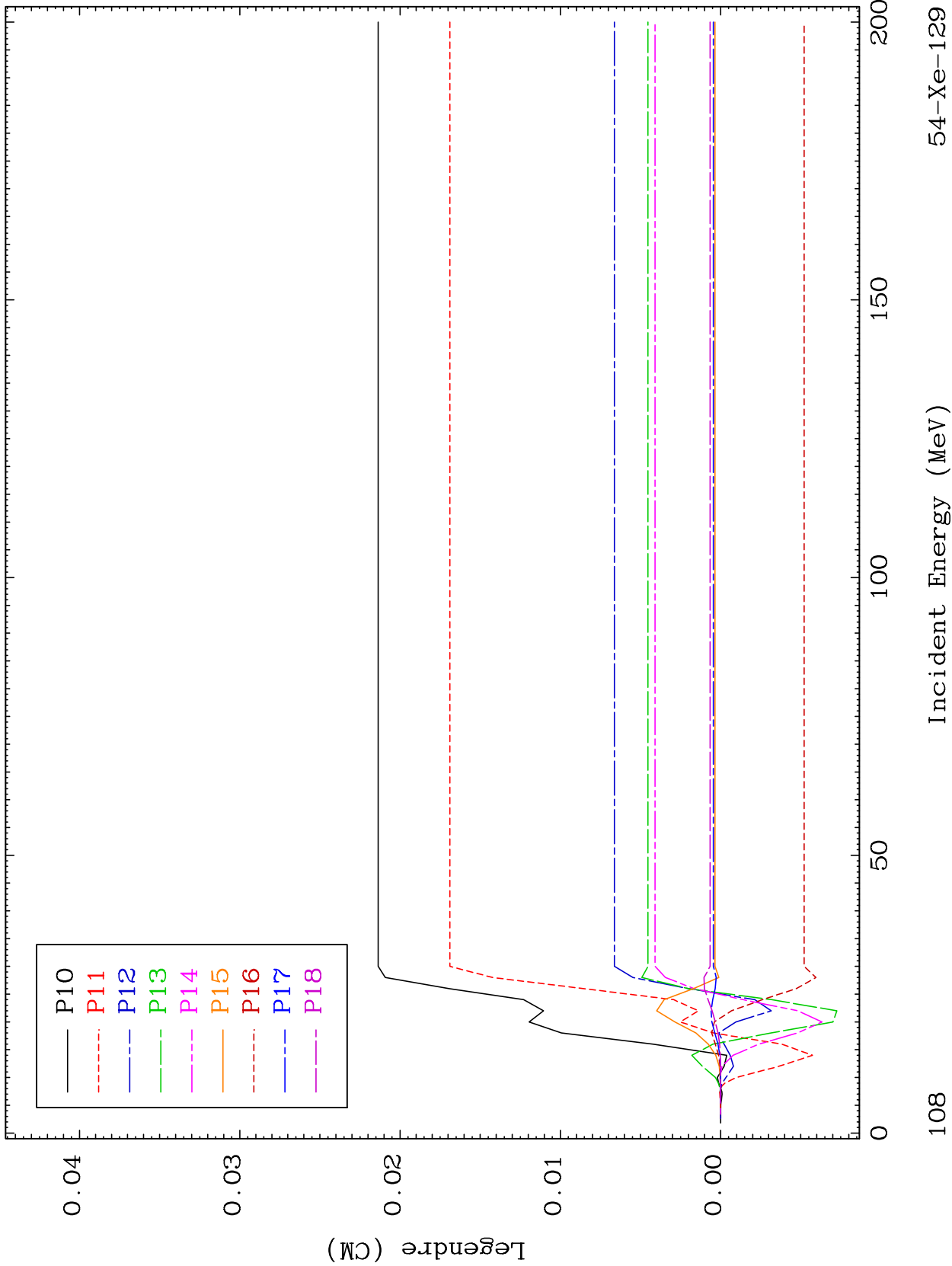
Incident Energy (MeV)

107

MAT 5440

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

54-Xe-129



108

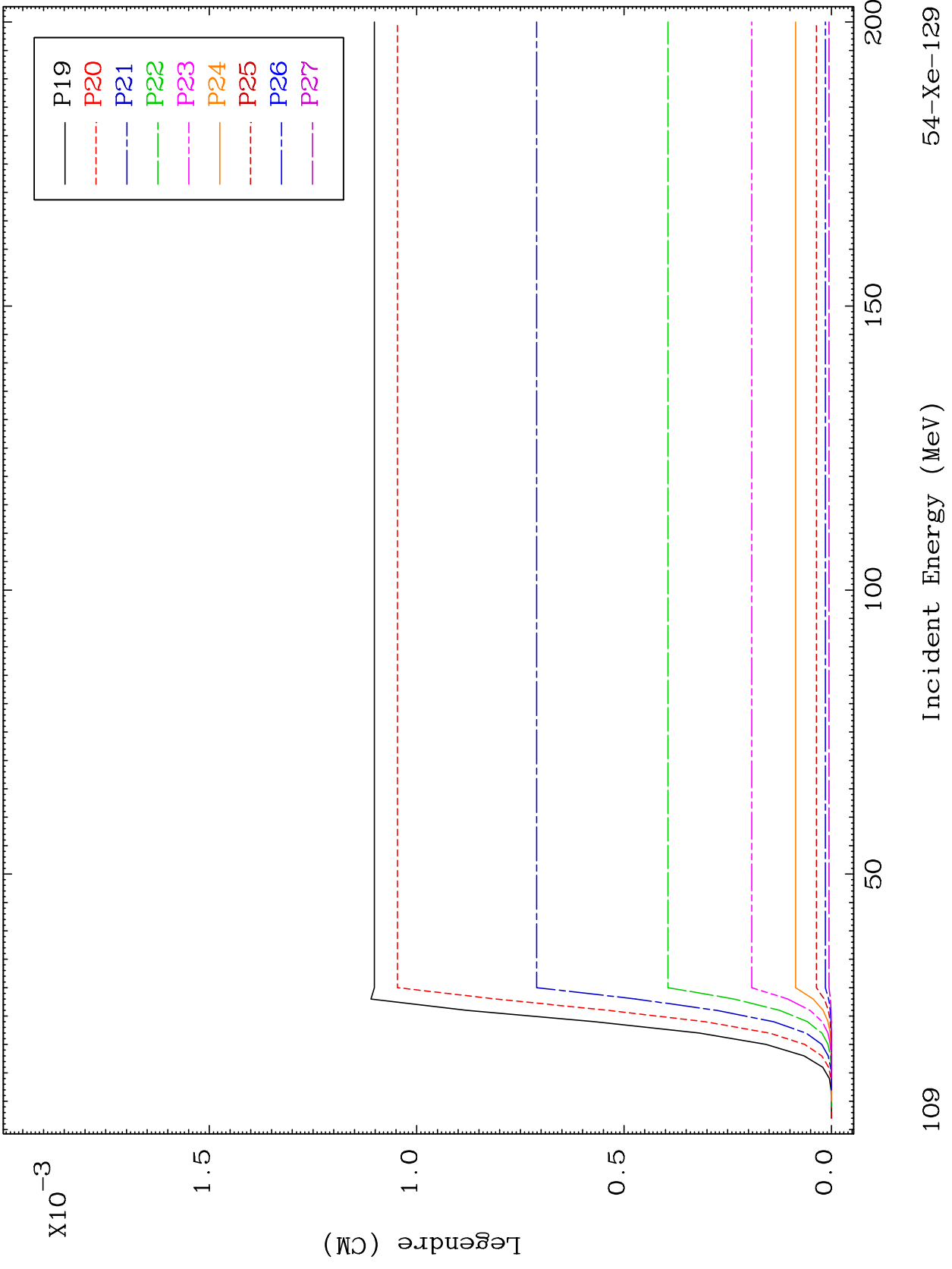
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129

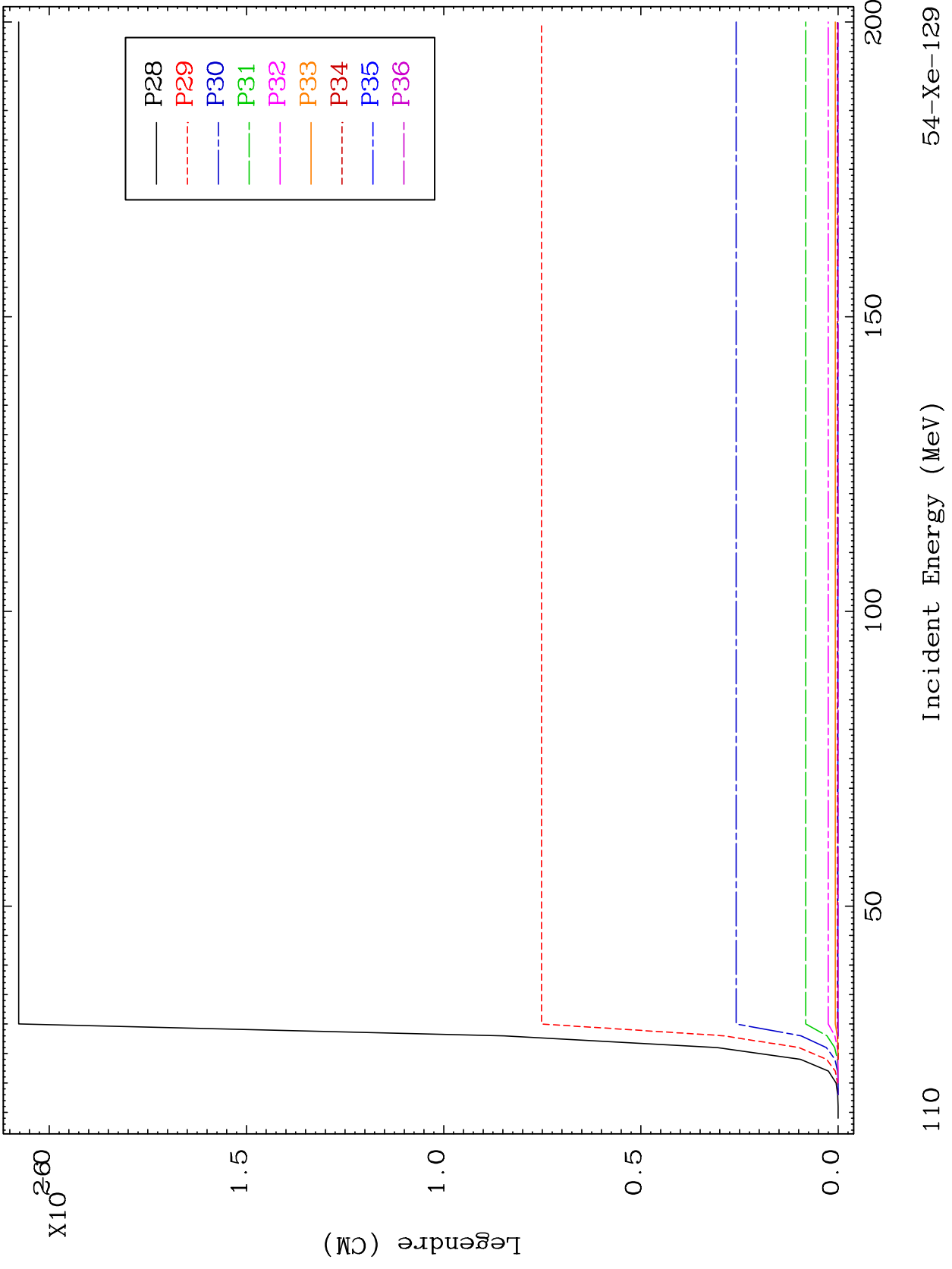


109

MAT 5440

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

54-Xe-129



54-Xe-129

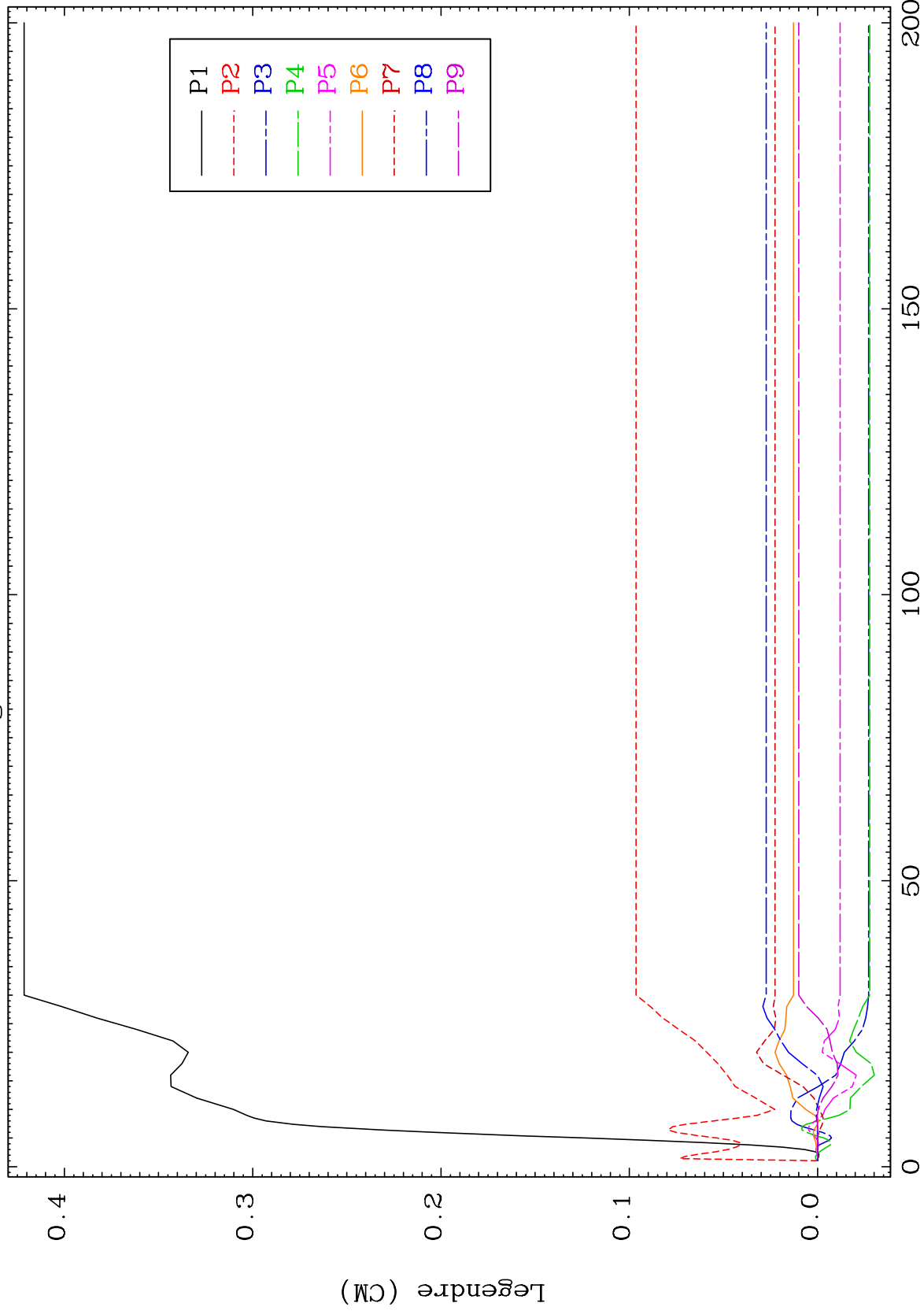
Incident Energy (MeV)

110

MAT 5440

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

54-Xe-129



111

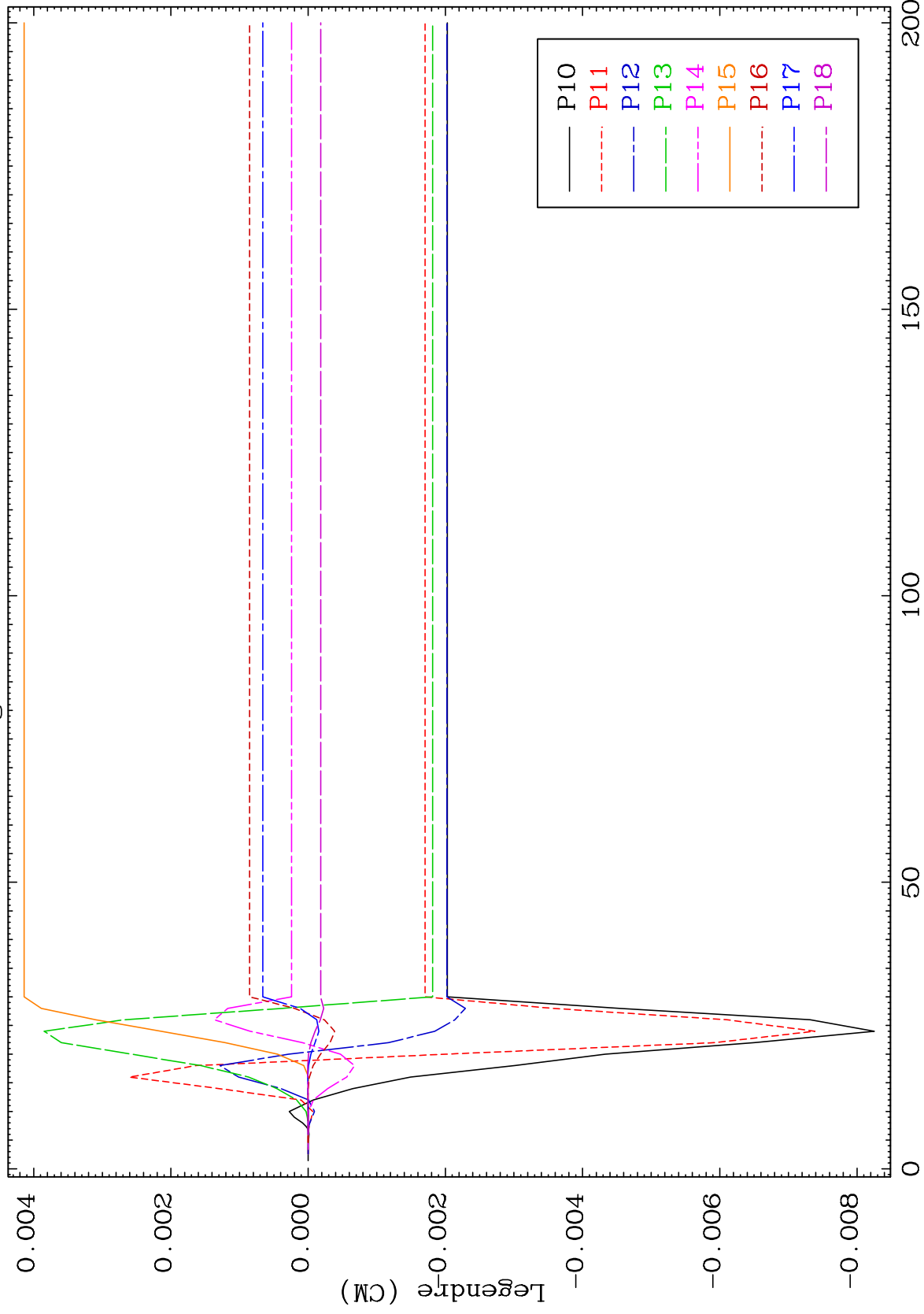
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



112

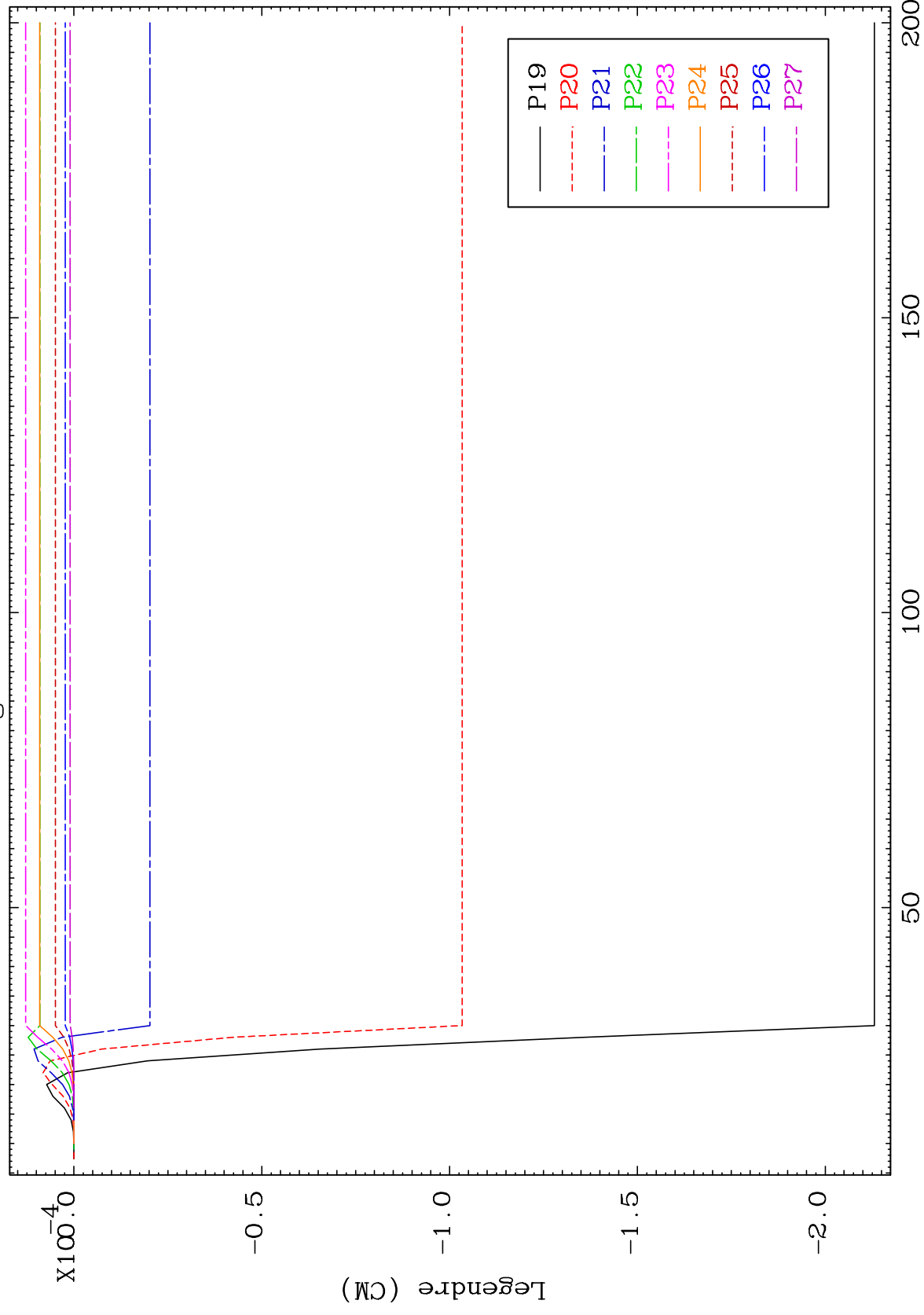
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



113

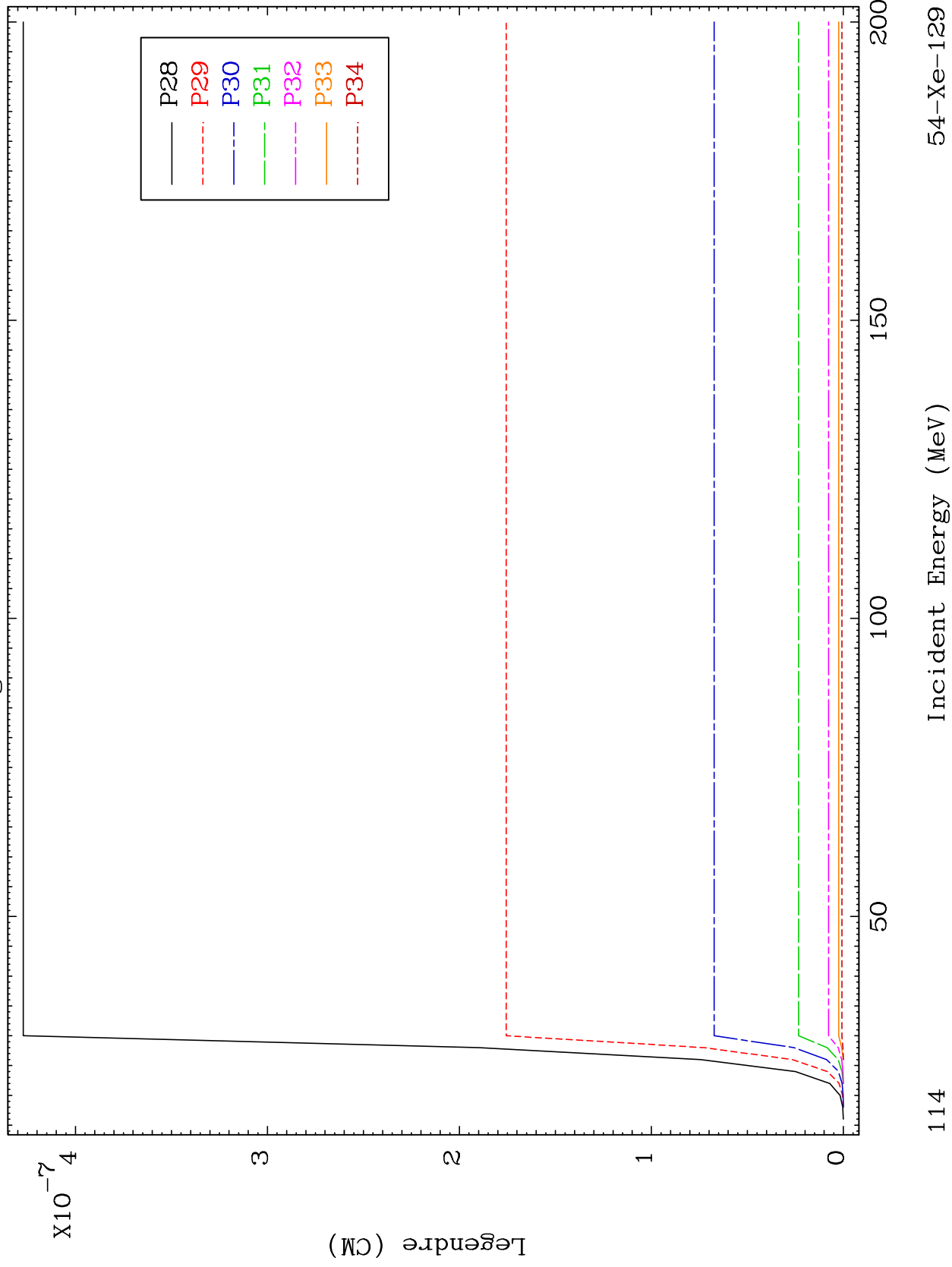
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



114

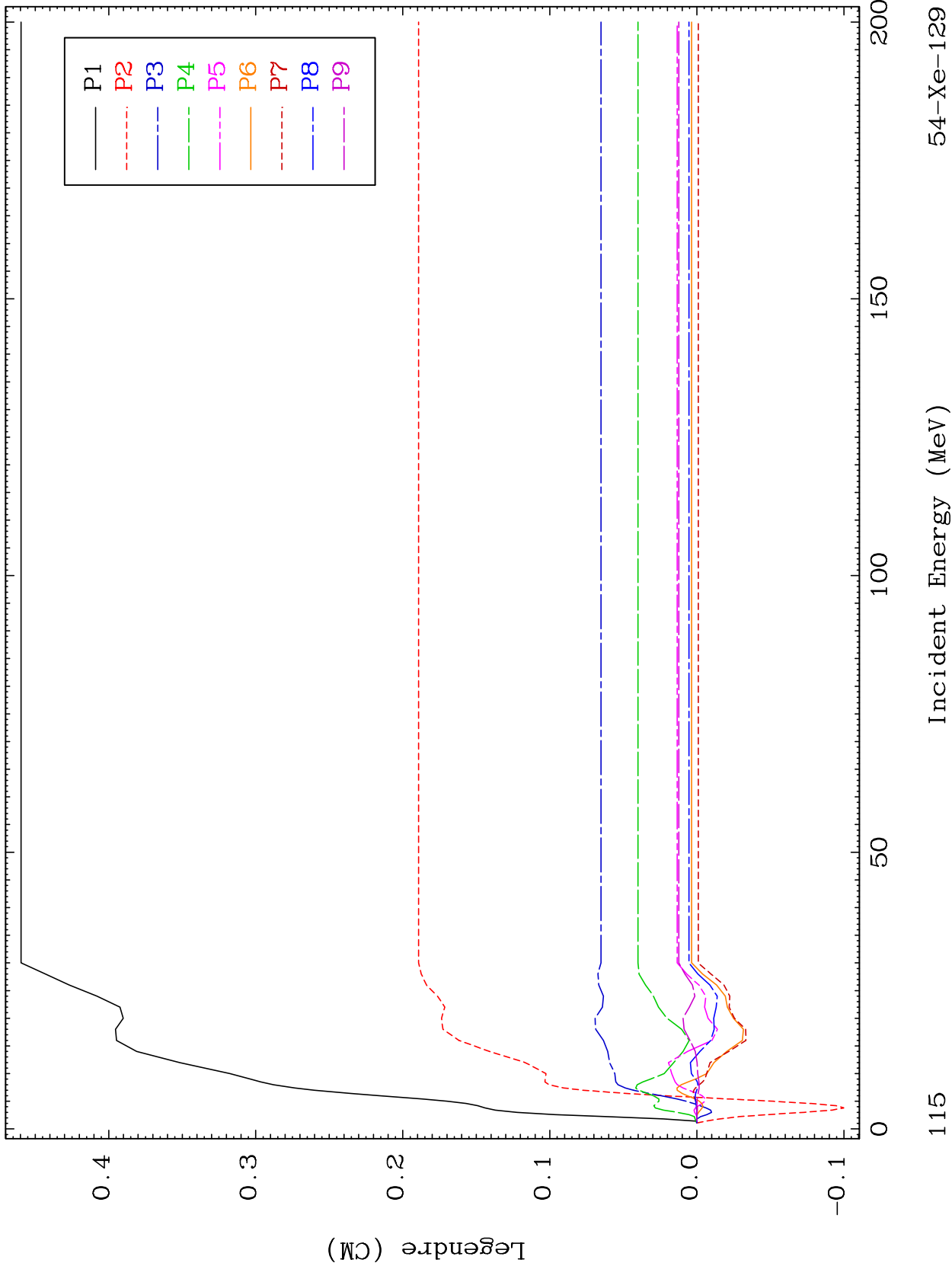
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



54-Xe-129

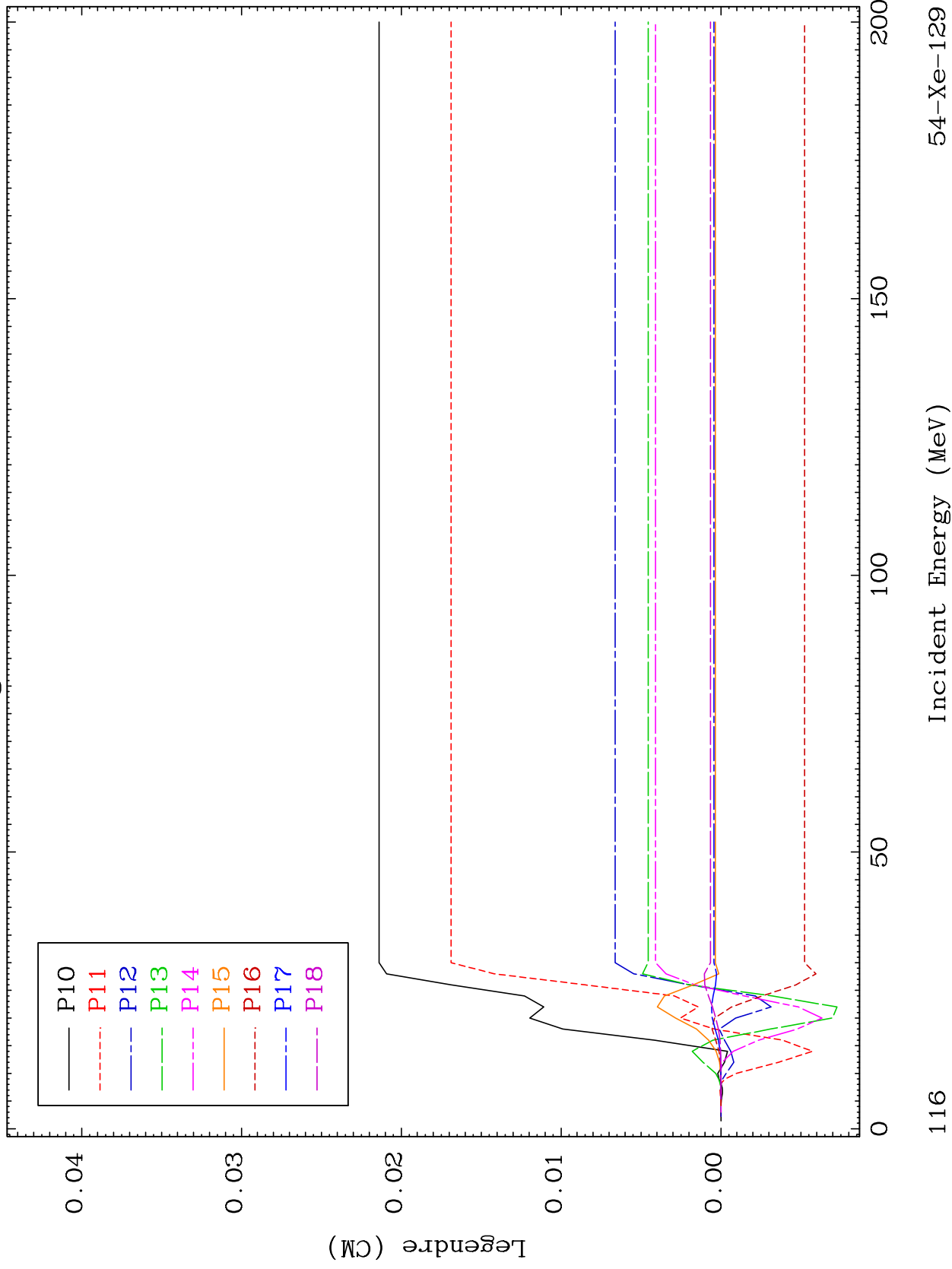
Incident Energy (MeV)

115

MAT 5440

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

54-Xe-129



54-Xe-129

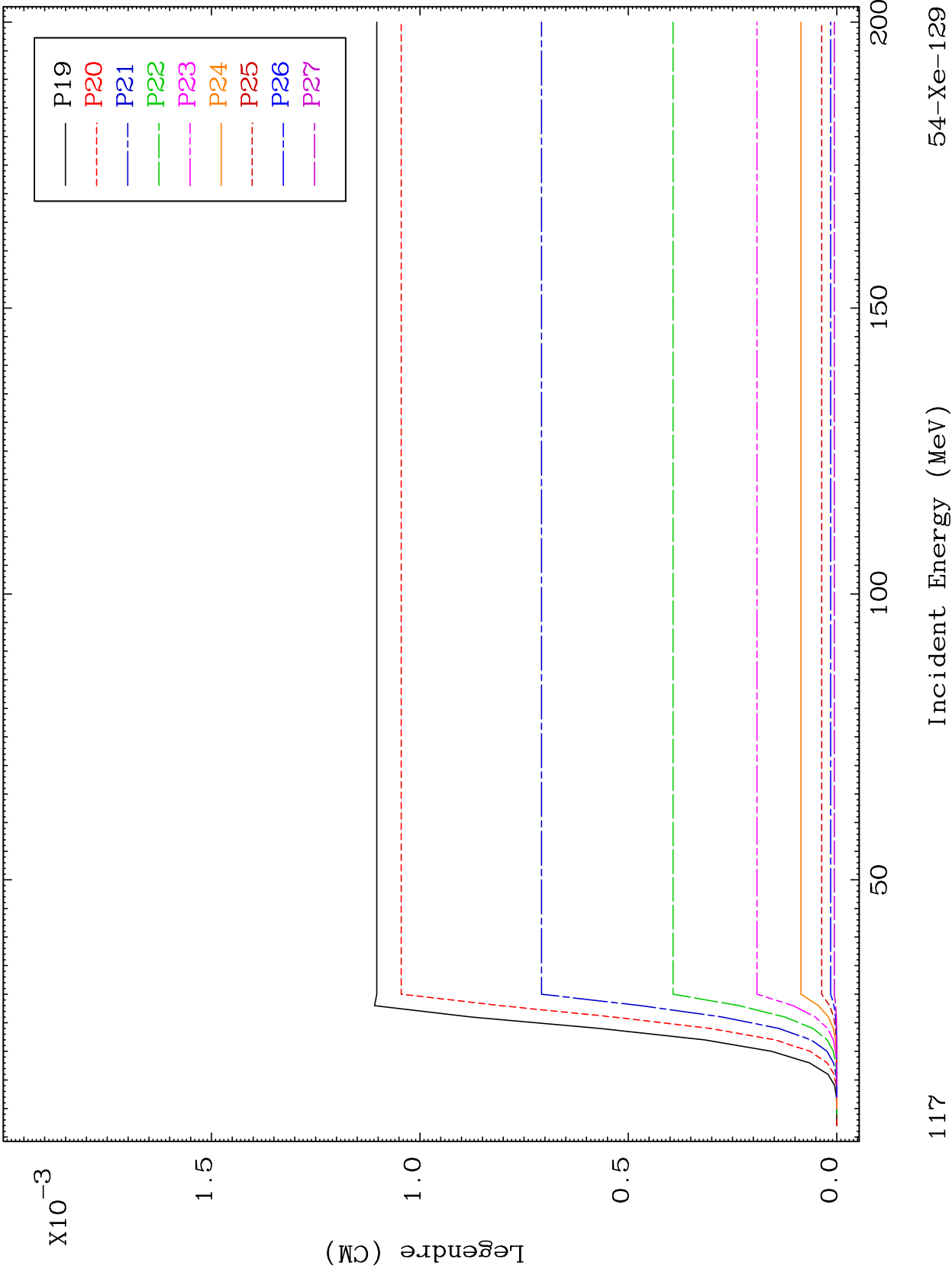
Incident Energy (MeV)

116

MAT 5440

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

54-Xe-129



117

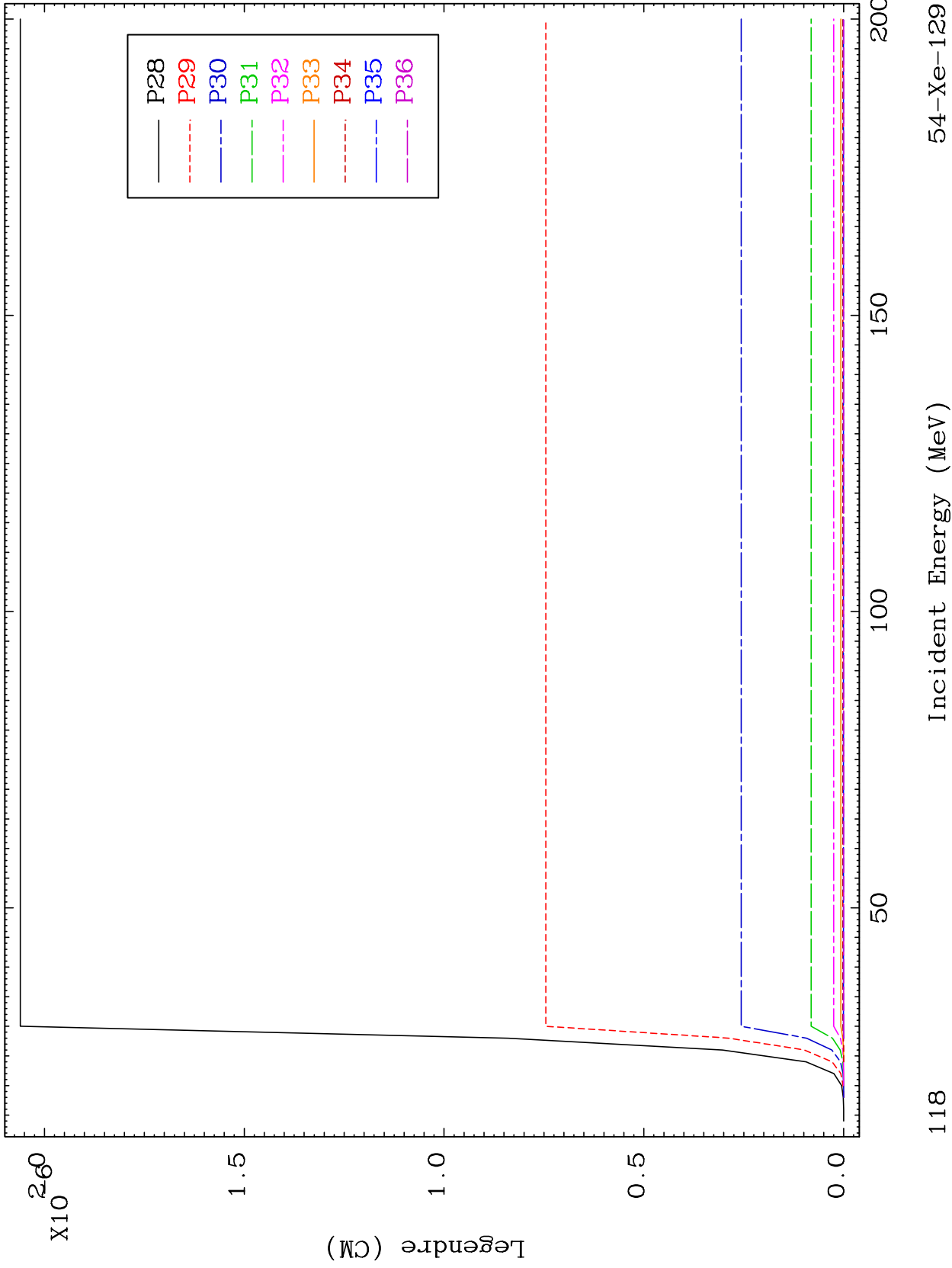
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129

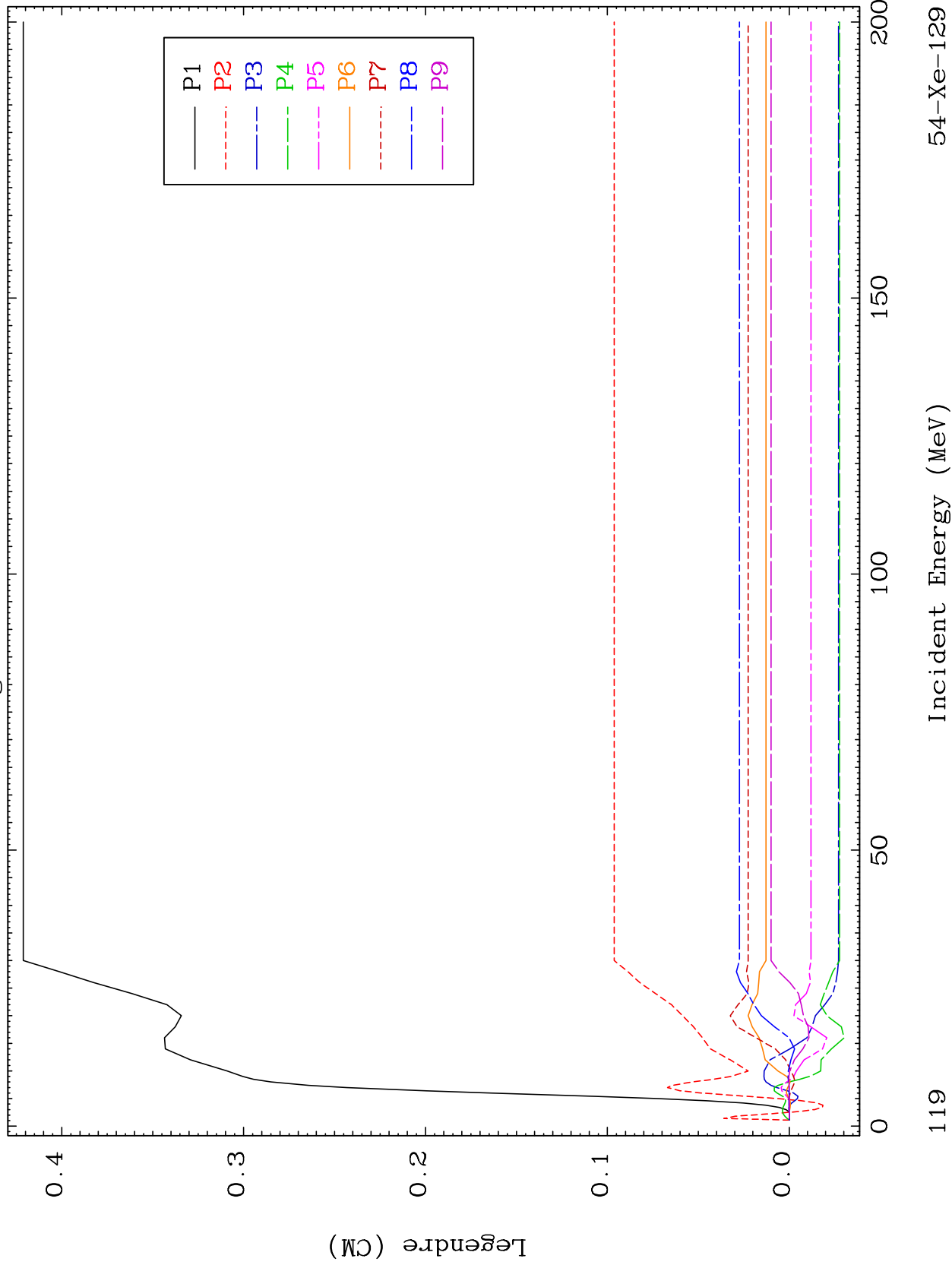


118

MAT 5440

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

54-Xe-129



54-Xe-129

Incident Energy (MeV)

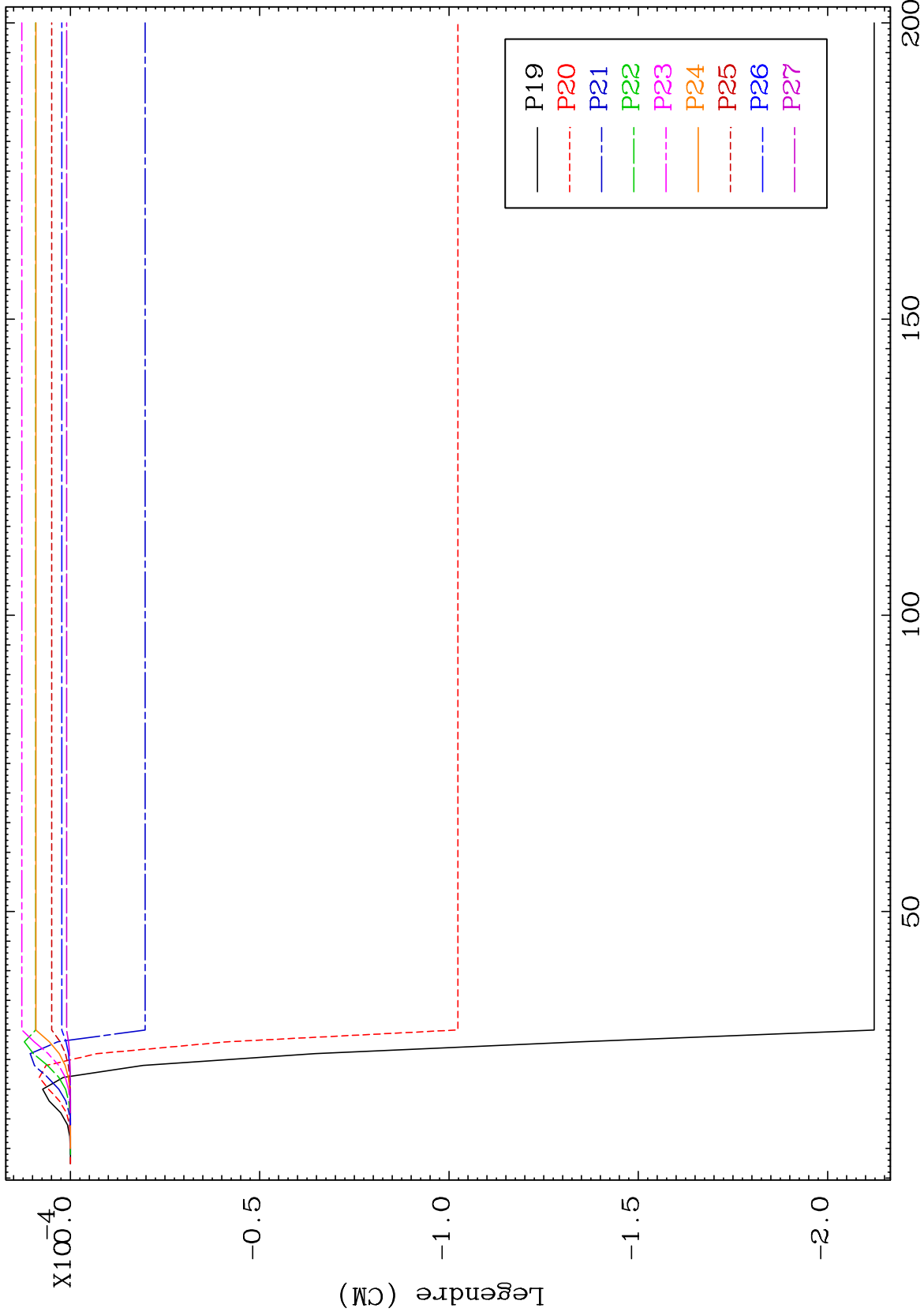
119

MAT 5440

MT= 78 (n,n') Level

54-Xe-129

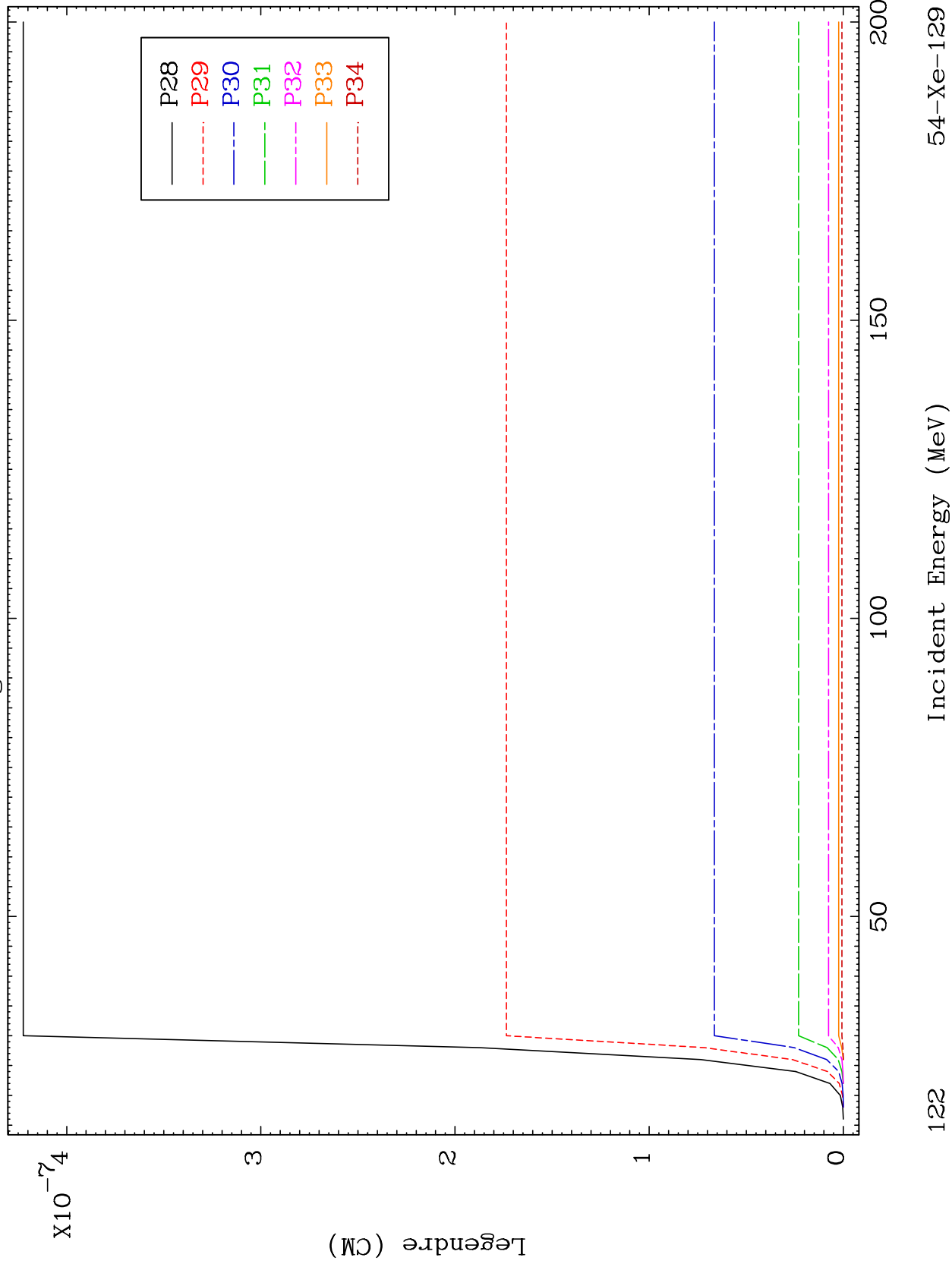
Legendre Coefficients



MAT 5440

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

54-Xe-129

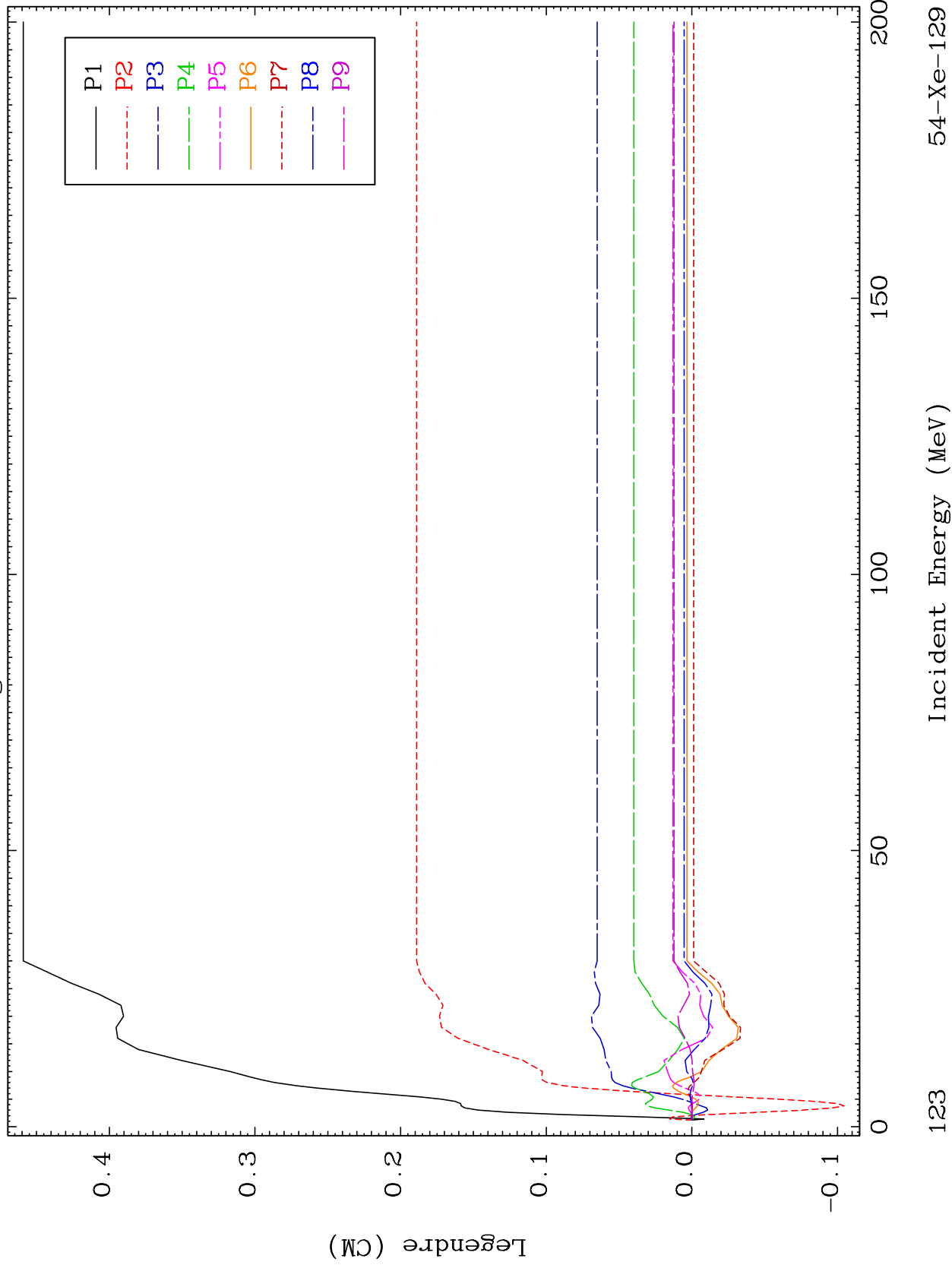


122

MAT 5440

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

54-Xe-129



54-Xe-129

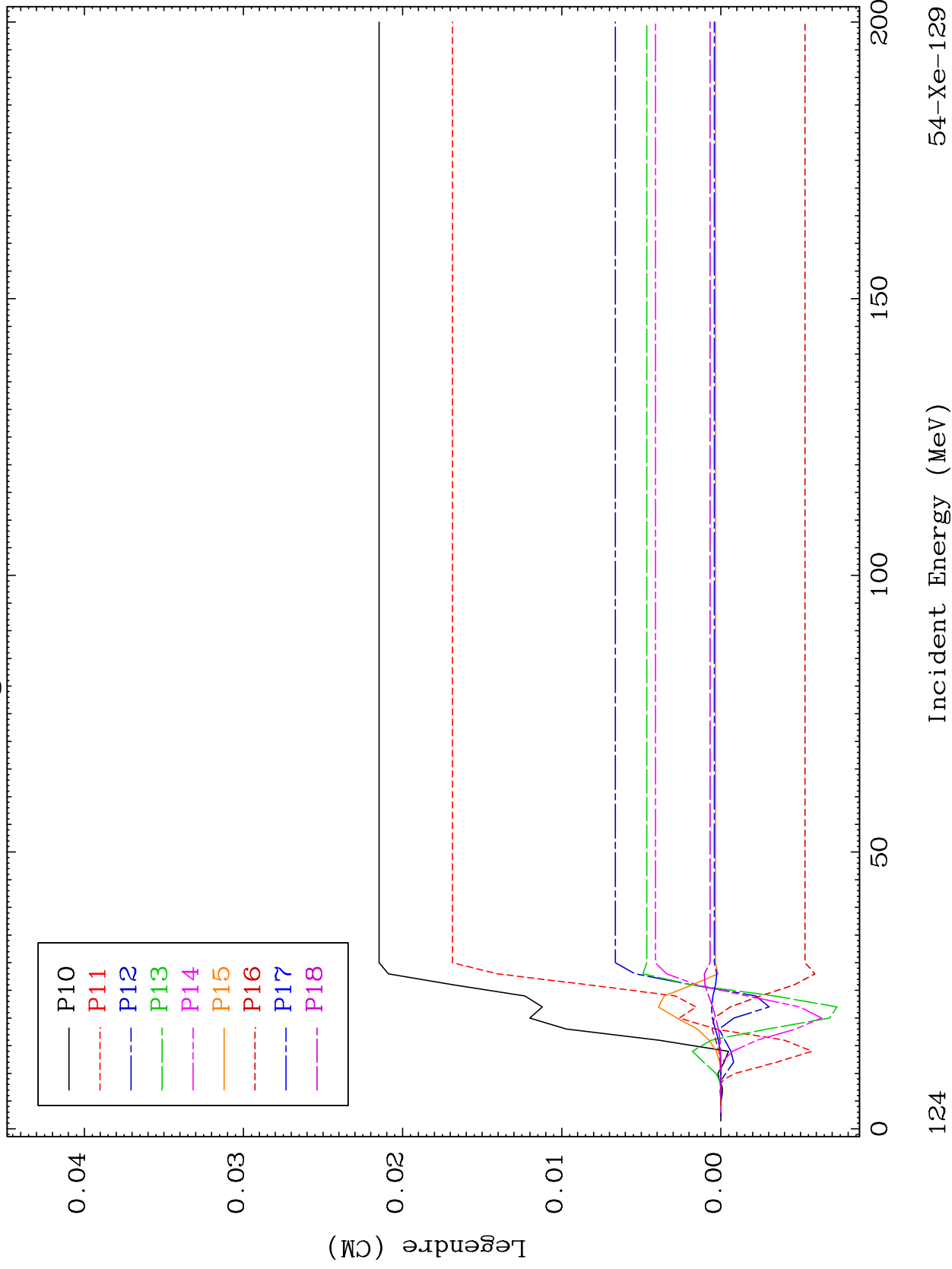
Incident Energy (MeV)

123

MAT 5440

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

54-Xe-129



124

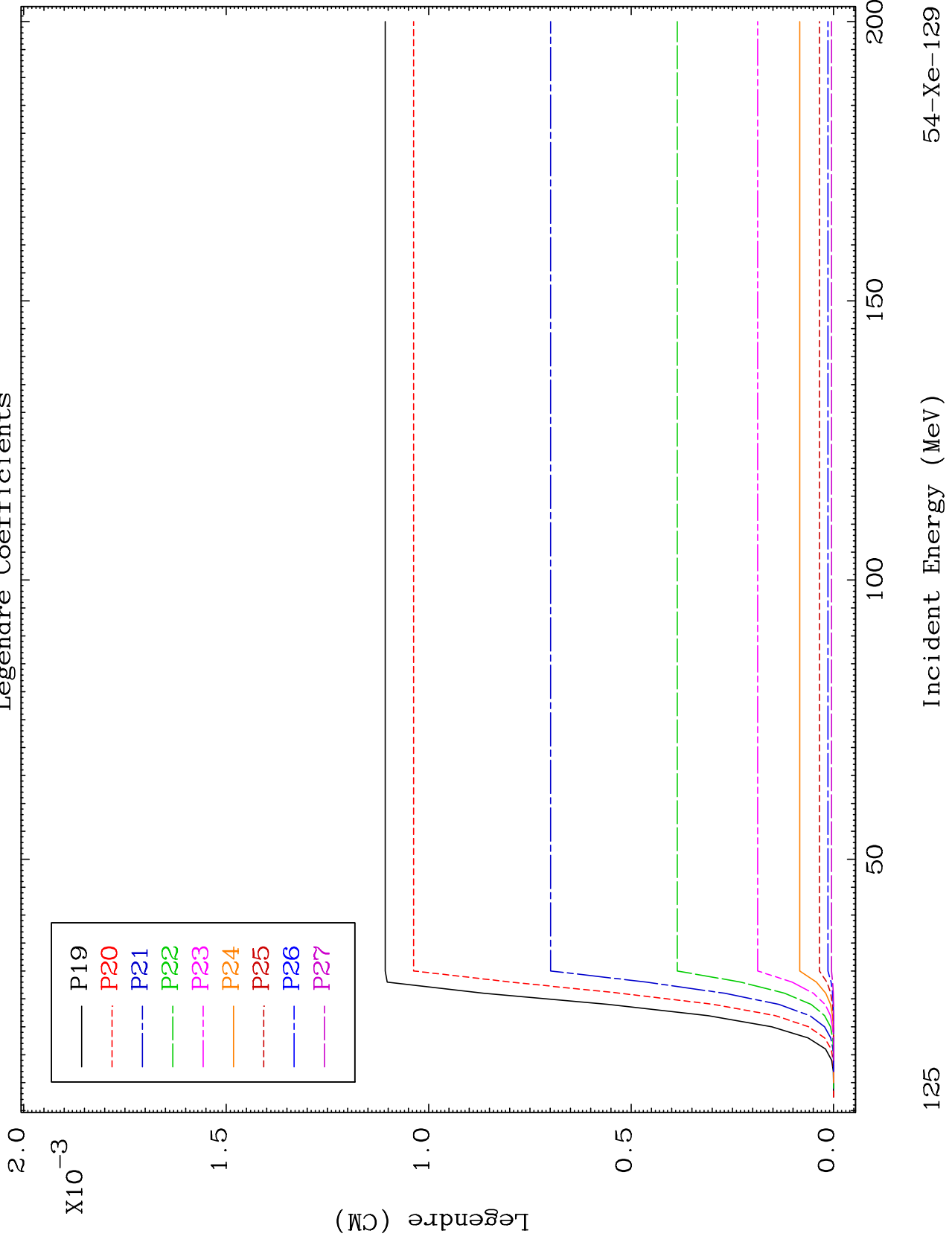
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



125

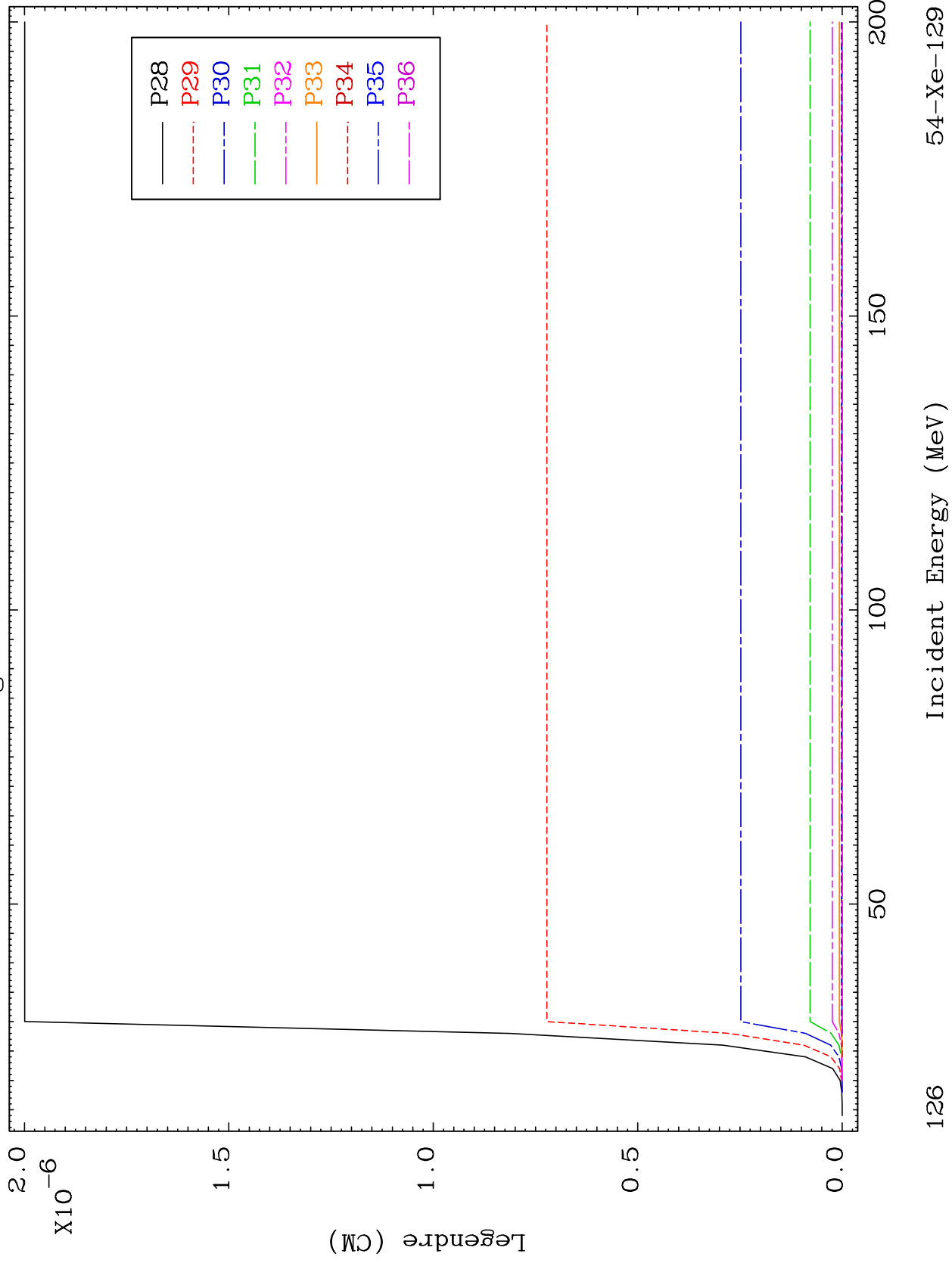
Incident Energy (MeV)

54-Xe-129

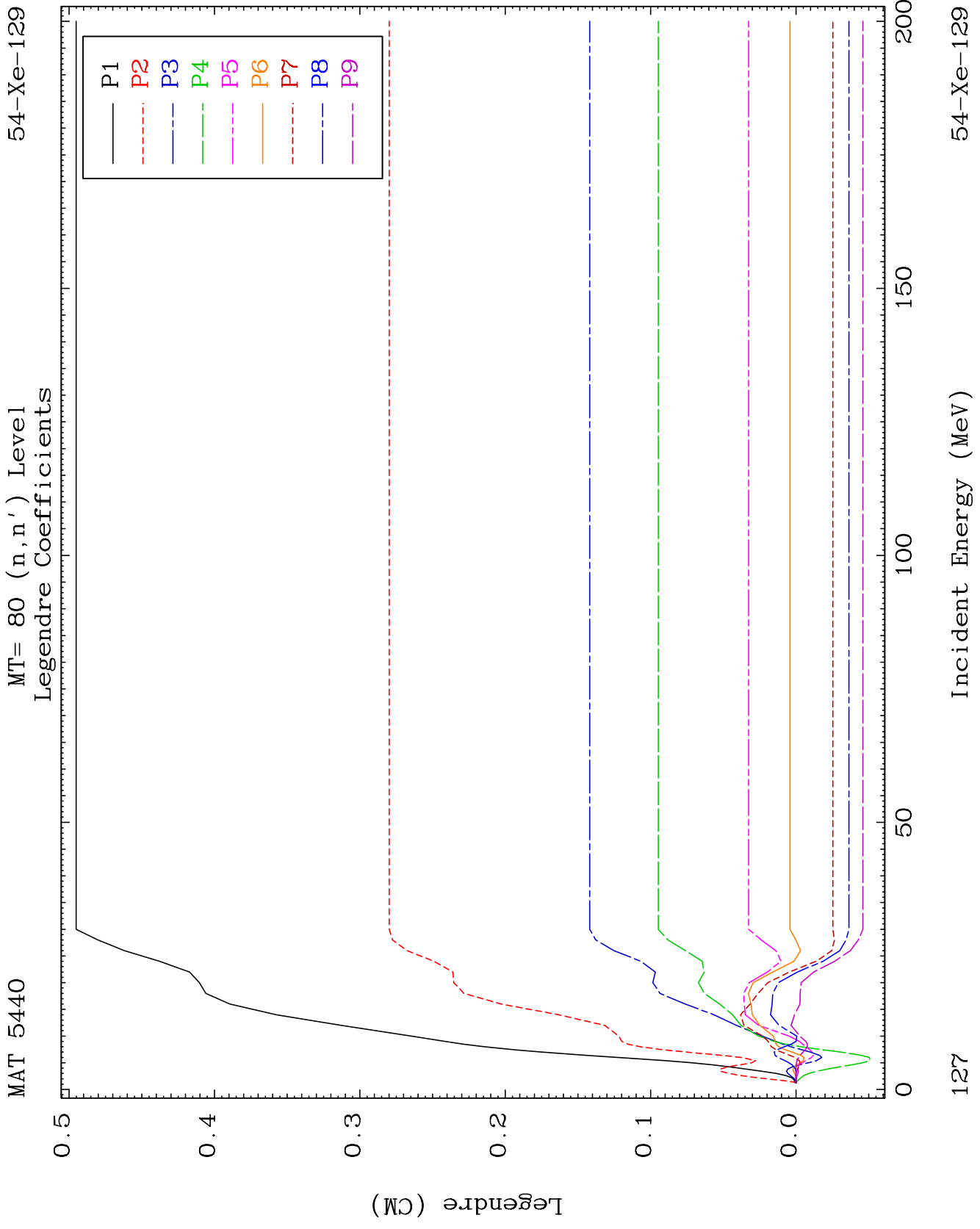
MAT 5440

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

54-Xe-129



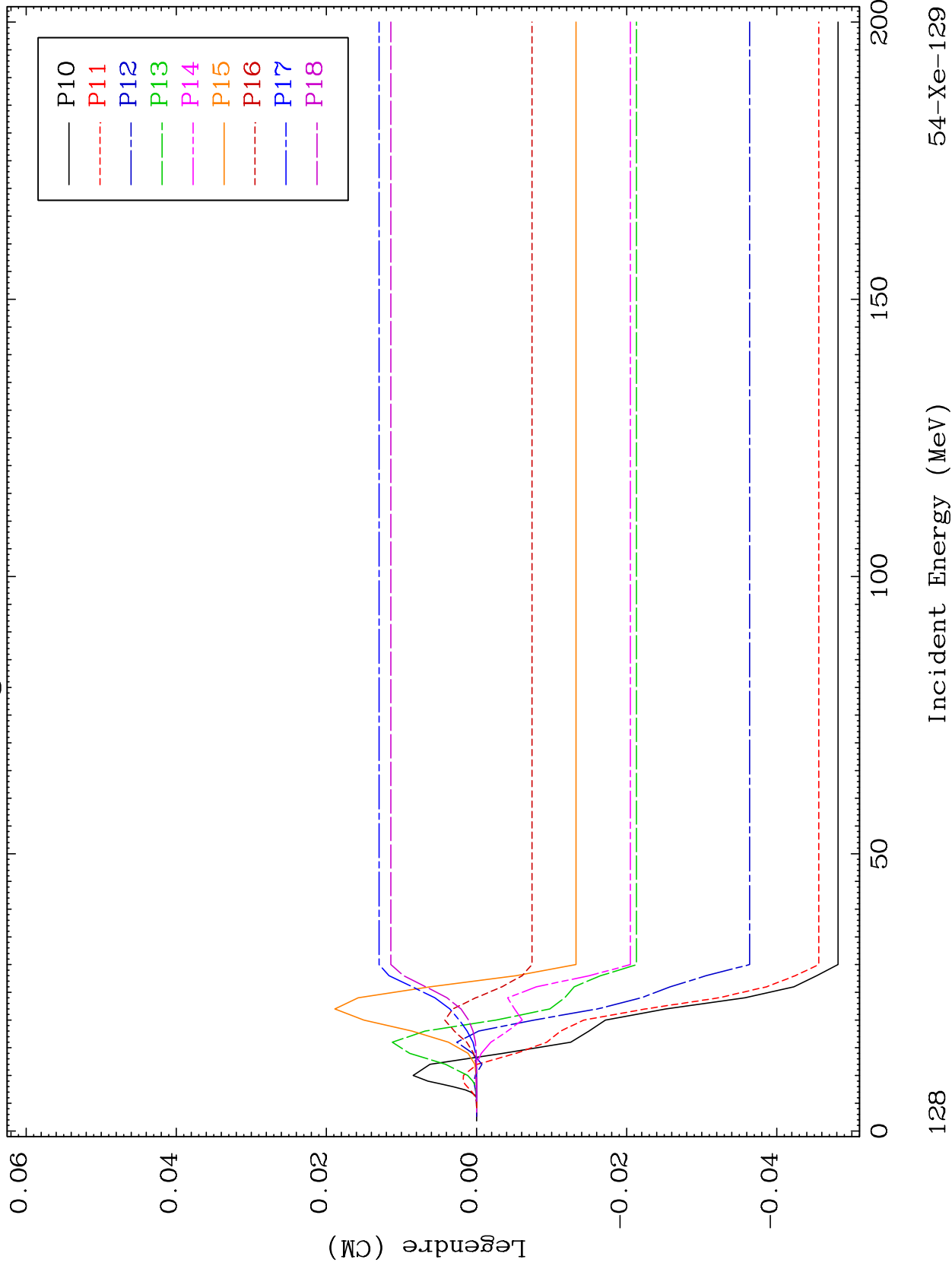
126



MAT 5440

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

54-Xe-129



128

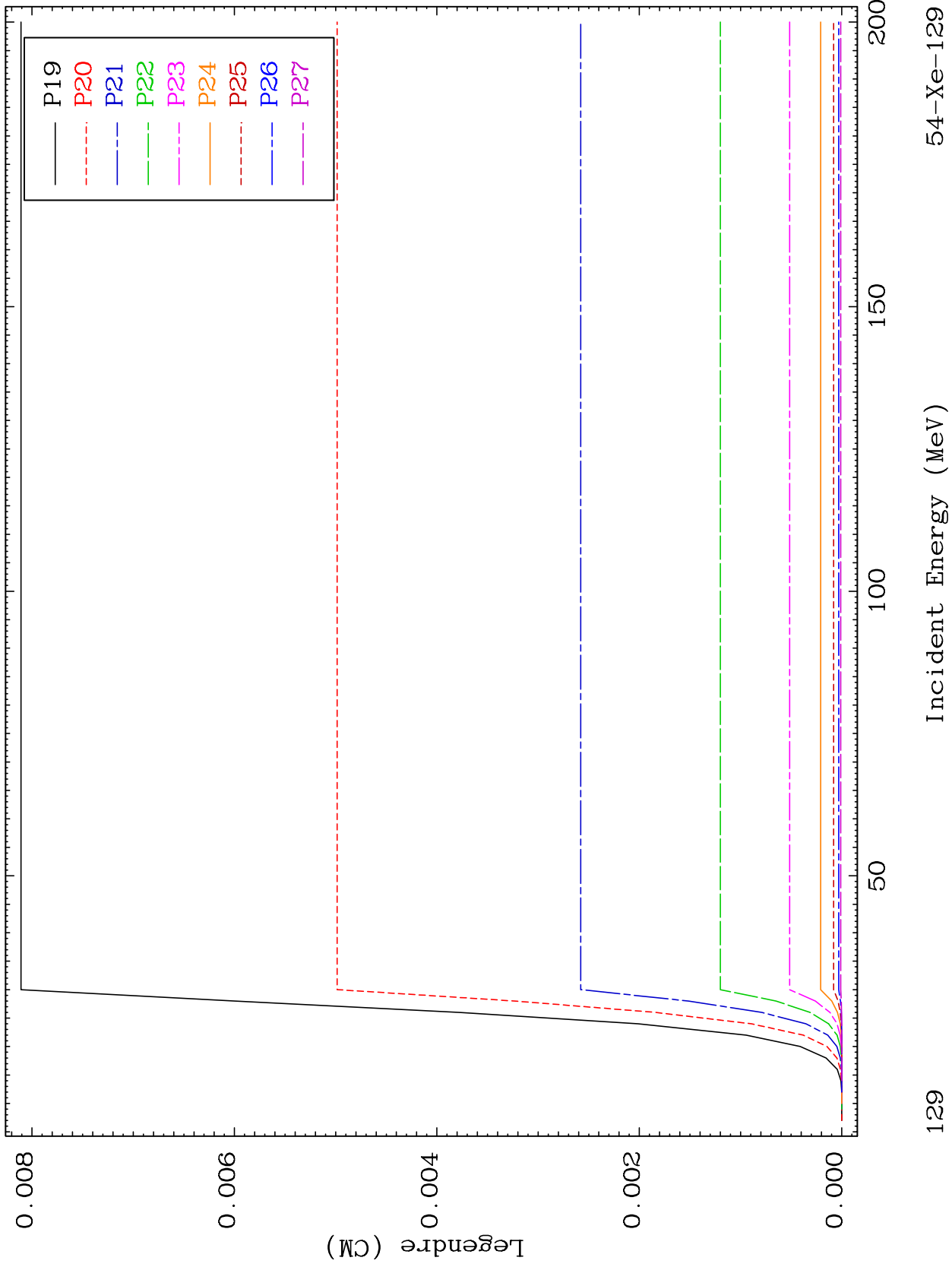
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

54-Xe-129



129

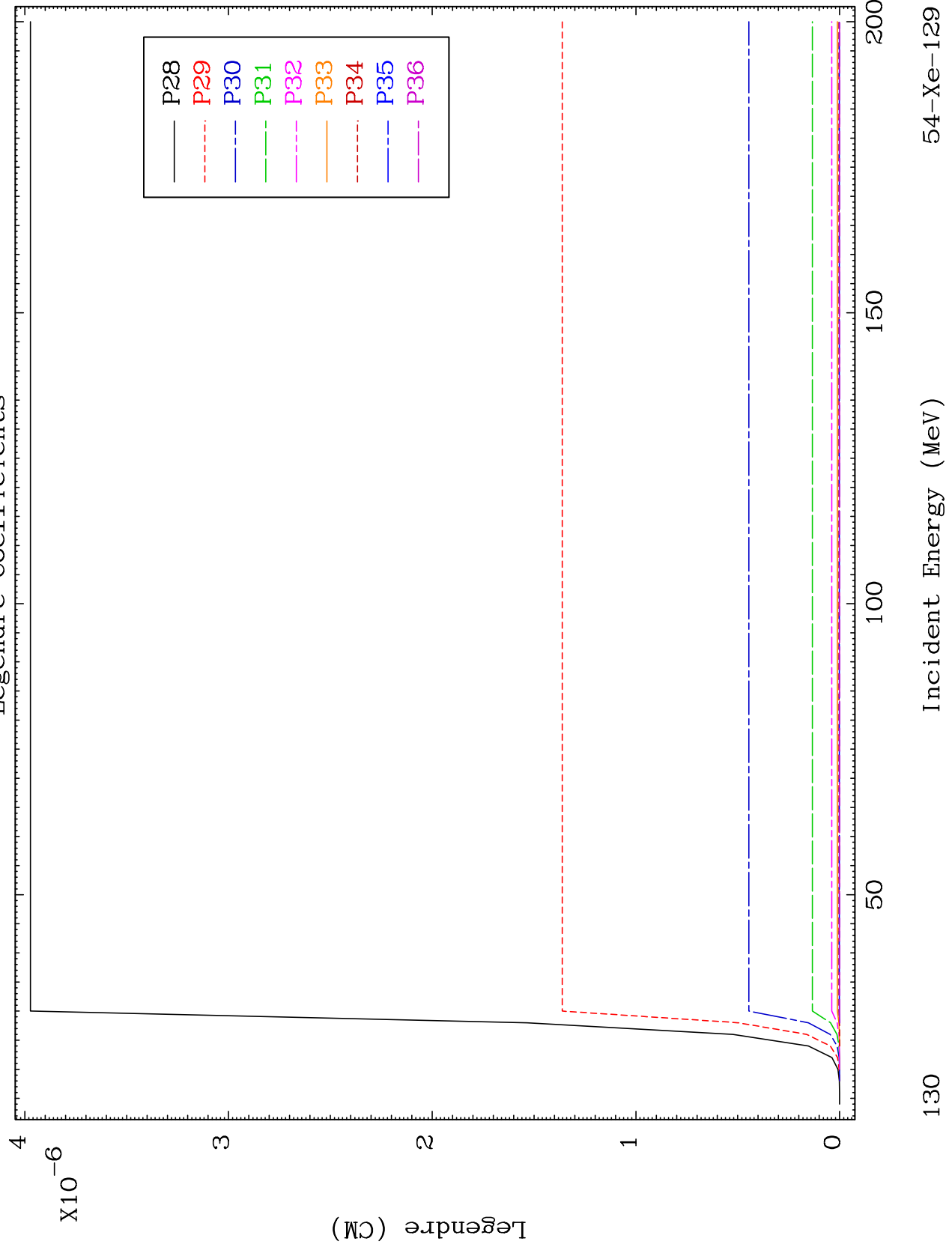
Incident Energy (MeV)

54-Xe-129

MAT 5440

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

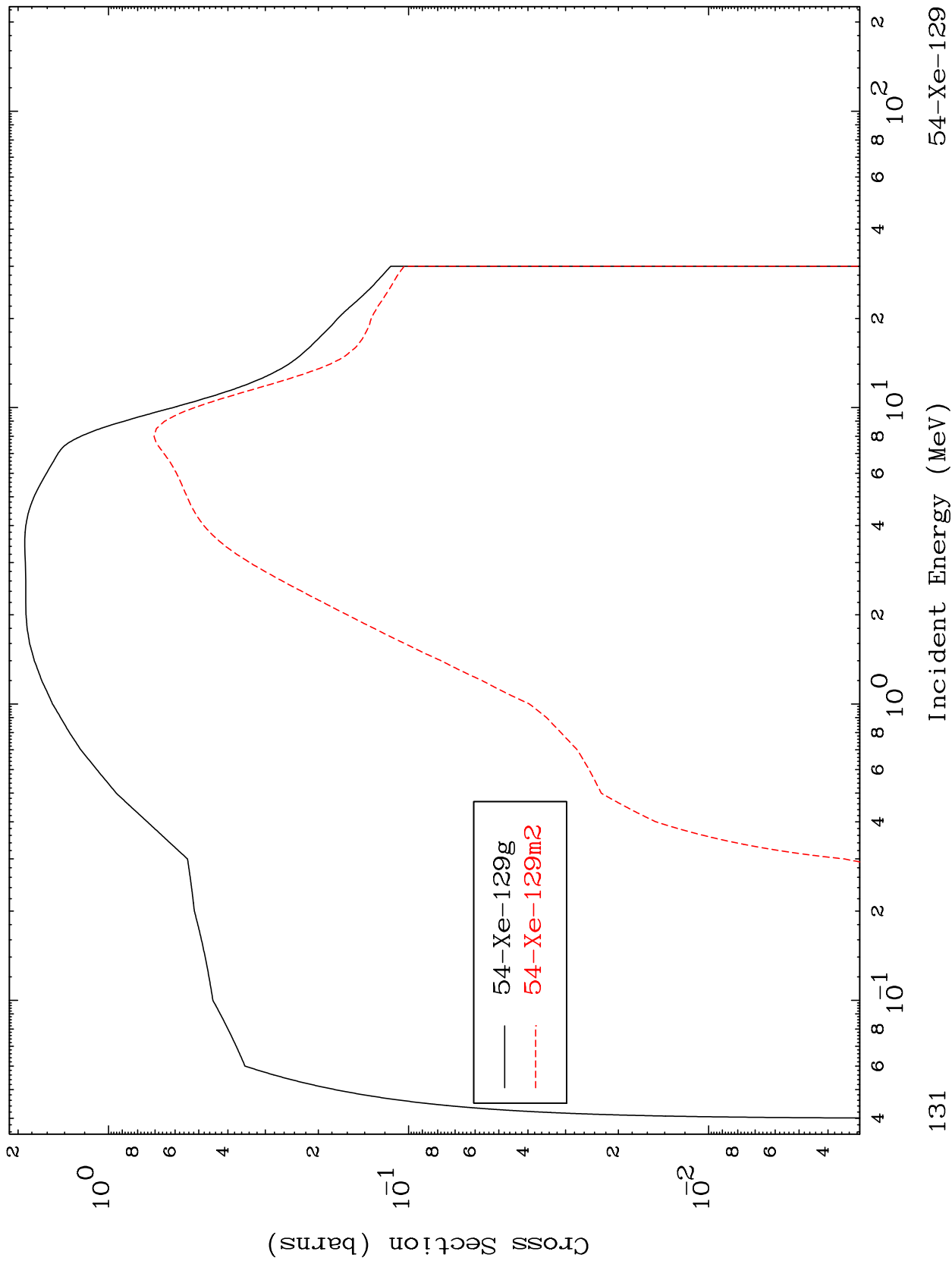
54-Xe-129



MAT 5440

54-Xe-129

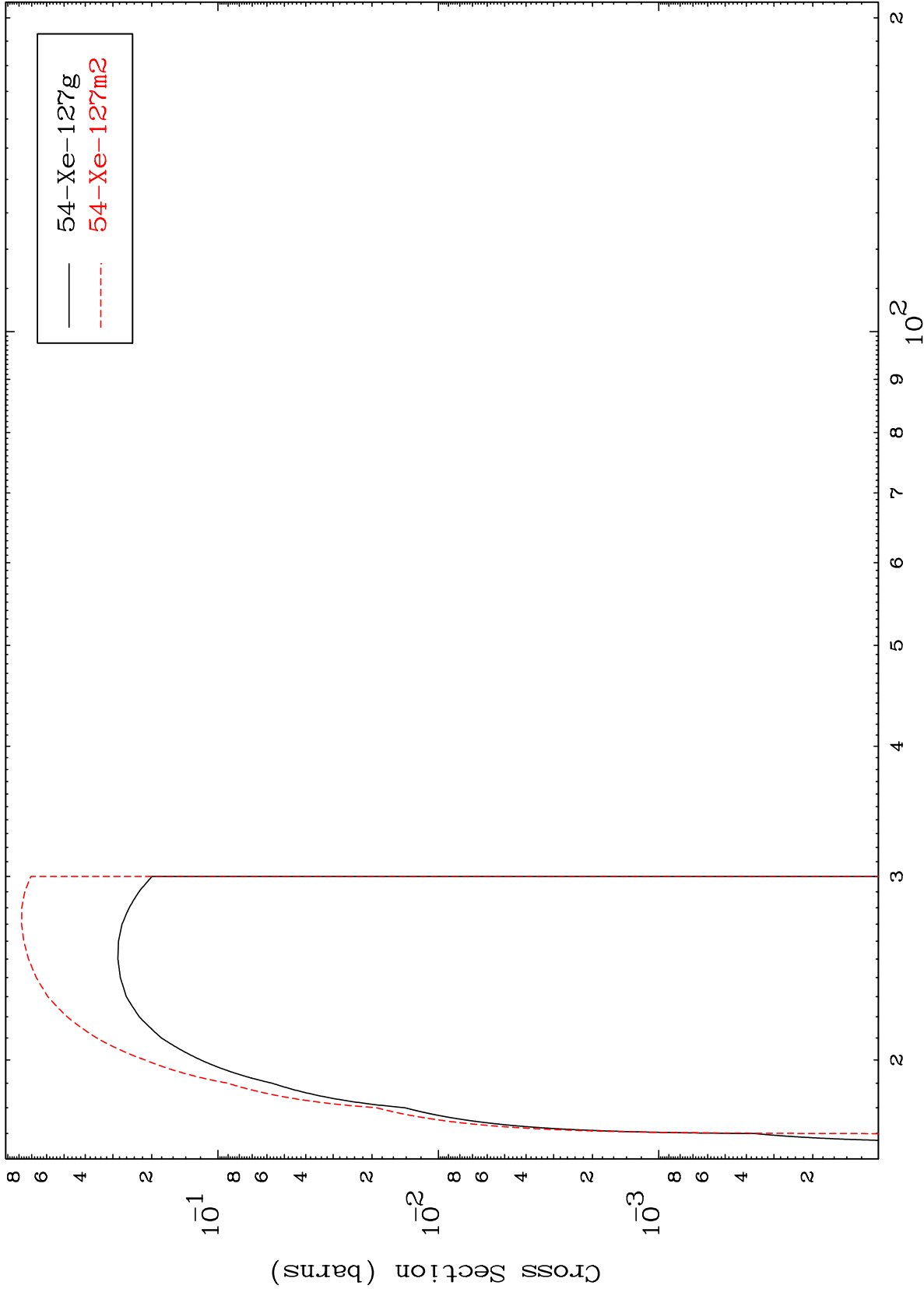
Inelastic
Radionuclide Production Cross Section



131

54-Xe-129

Radionuclide Production Cross Section

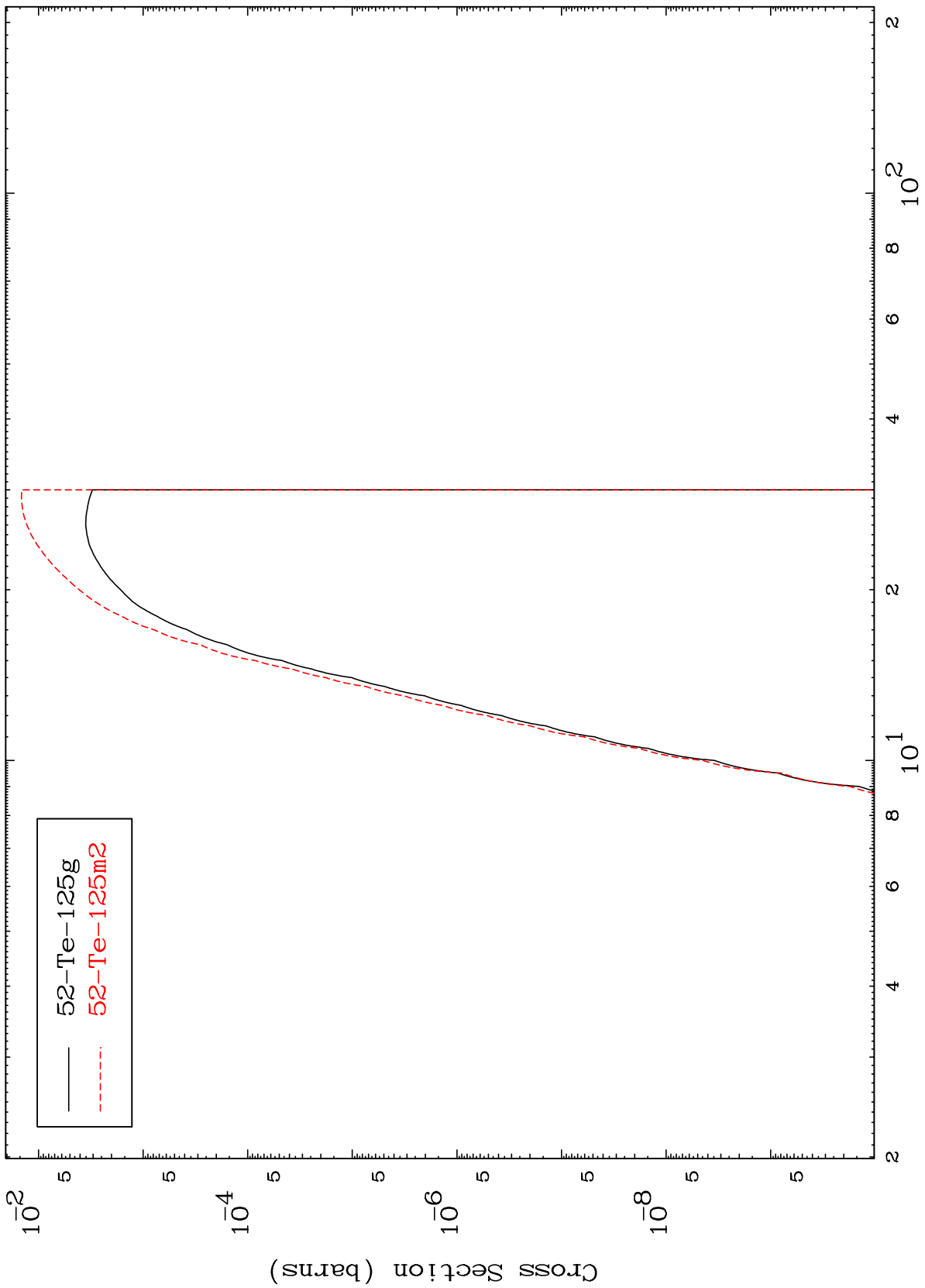


MAT 5440

54-Xe-129

(n,n') α

Radionuclide Production Cross Section



— 52-Te-125g
- - - 52-Te-125m2

54-Xe-129

Incident Energy (MeV)

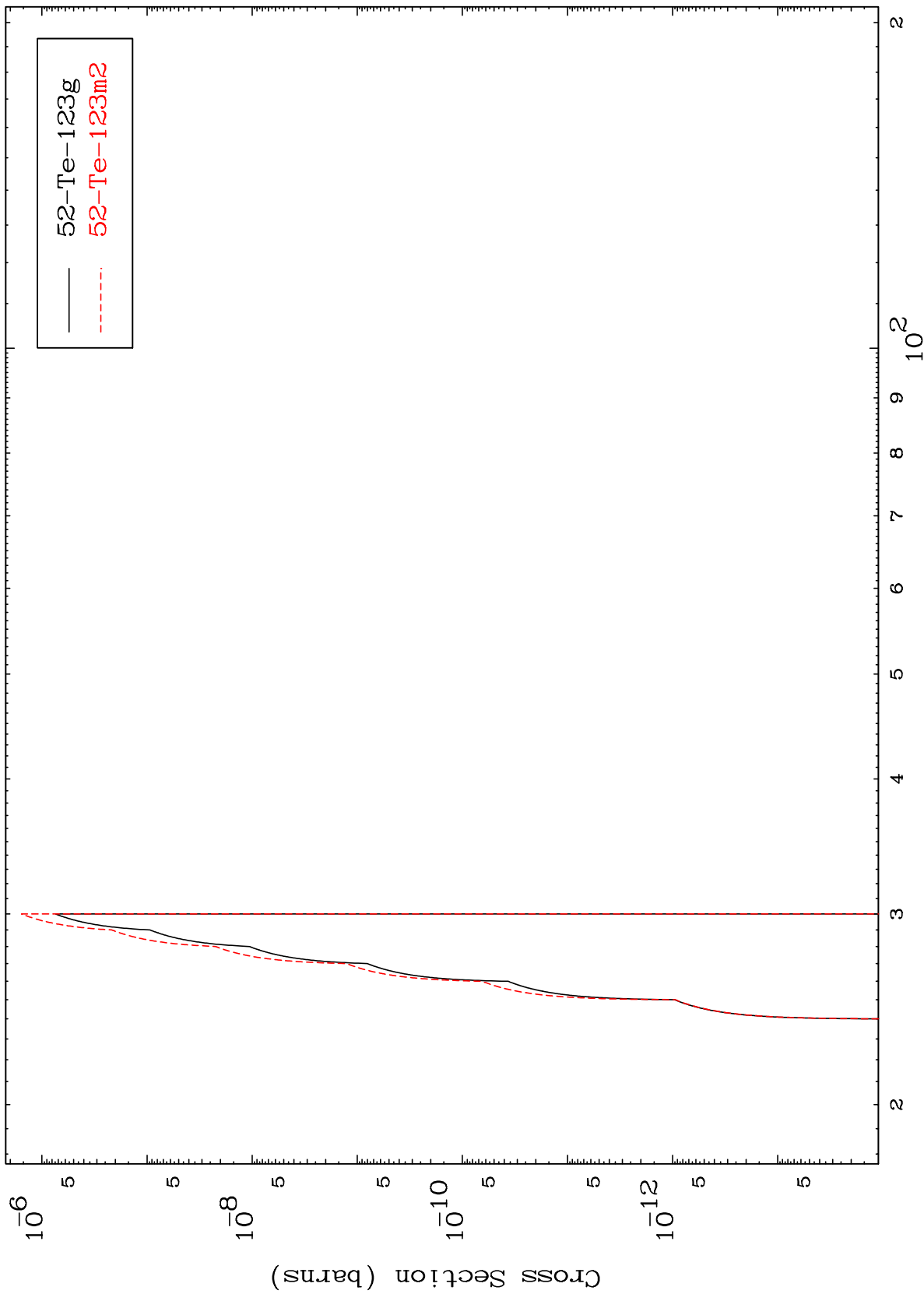
133

MAT 5440

(n,3n) α

54-Xe-129

Radionuclide Production Cross Section



134

Incident Energy (MeV)

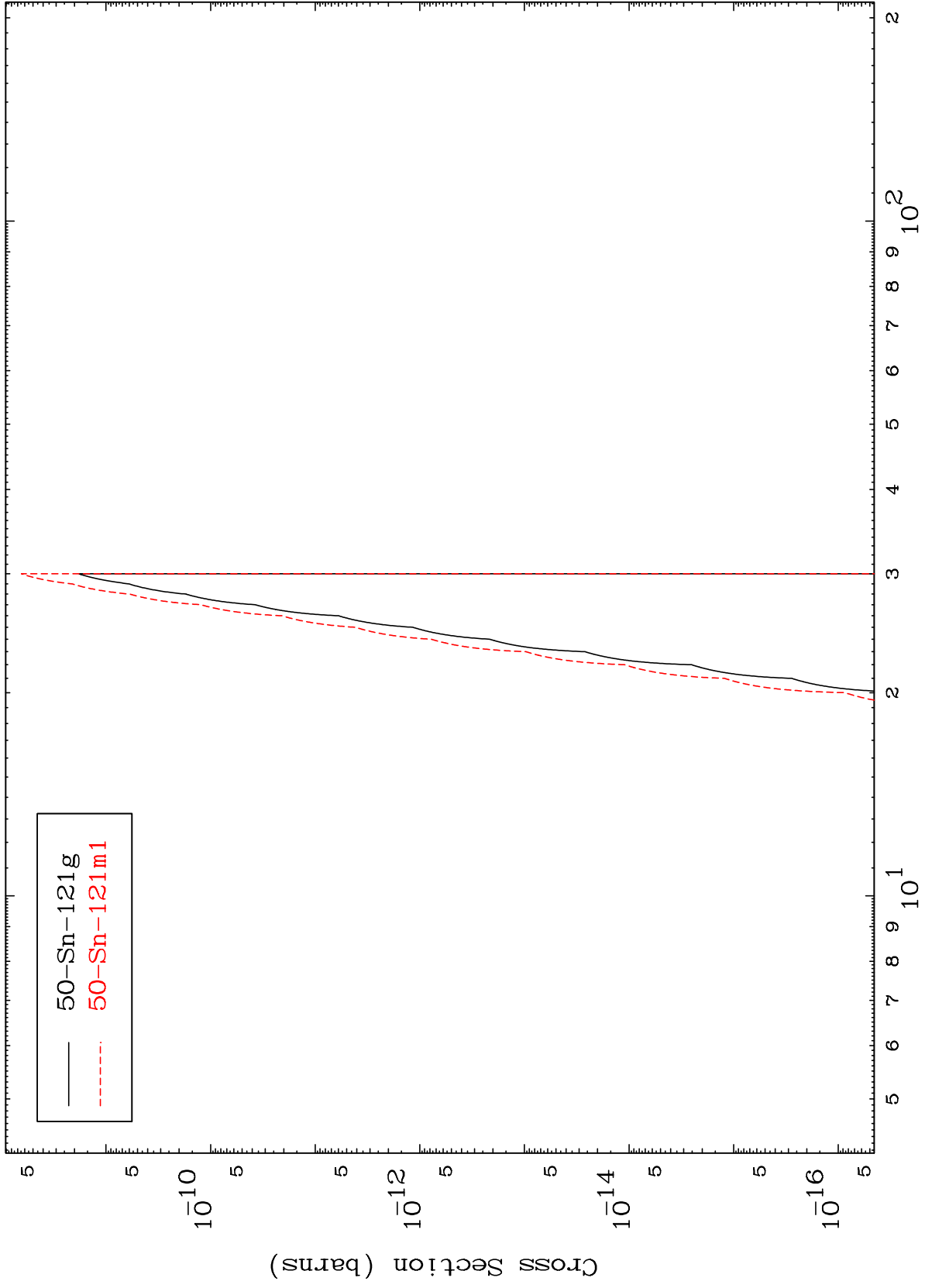
54-Xe-129

MAT 5440

(n, n') 2α

54-Xe-129

Radionuclide Production Cross Section



135

Incident Energy (MeV)

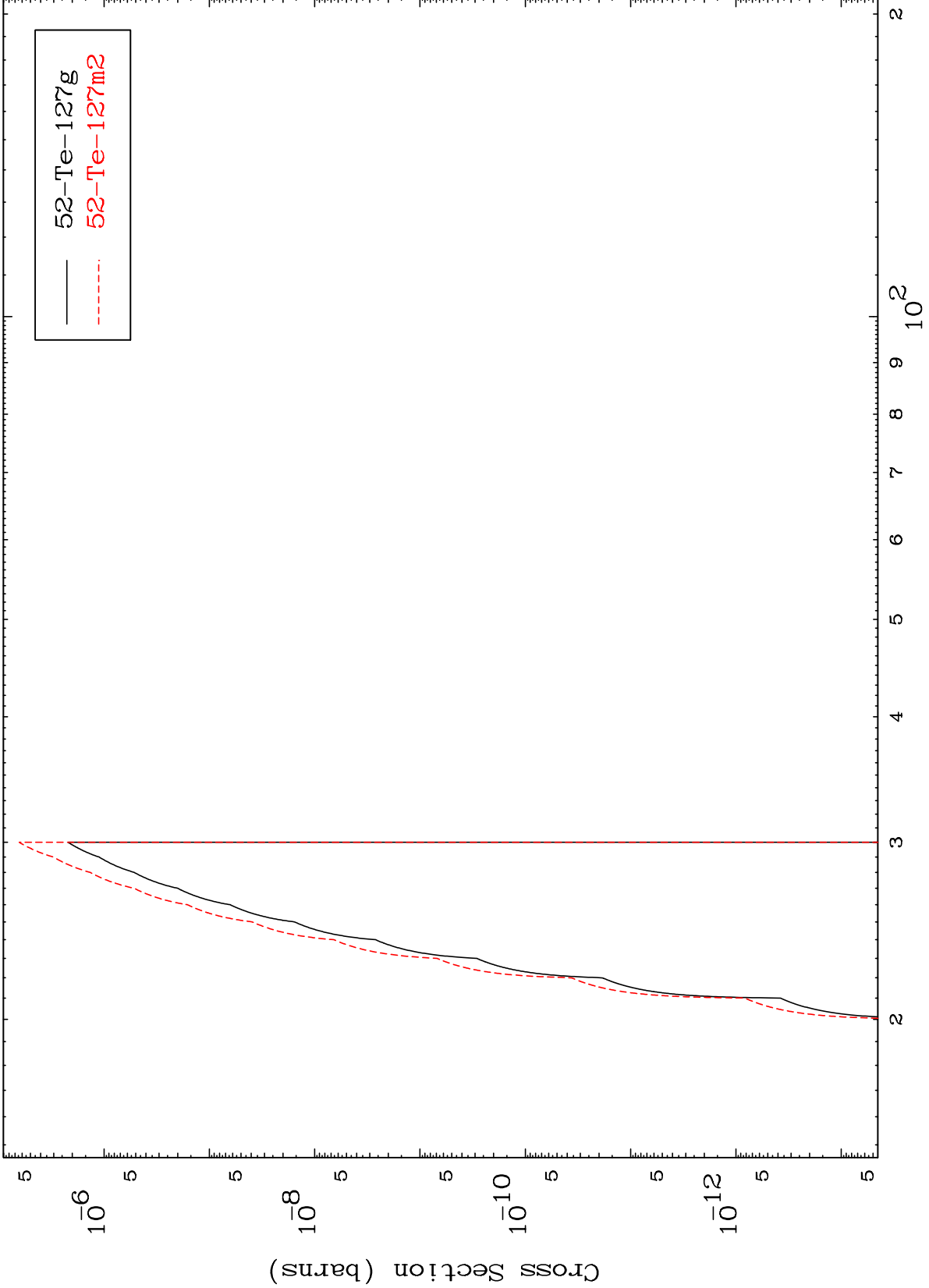
54-Xe-129

MAT 5440

(n,2n) p

54-Xe-129

Radionuclide Production Cross Section

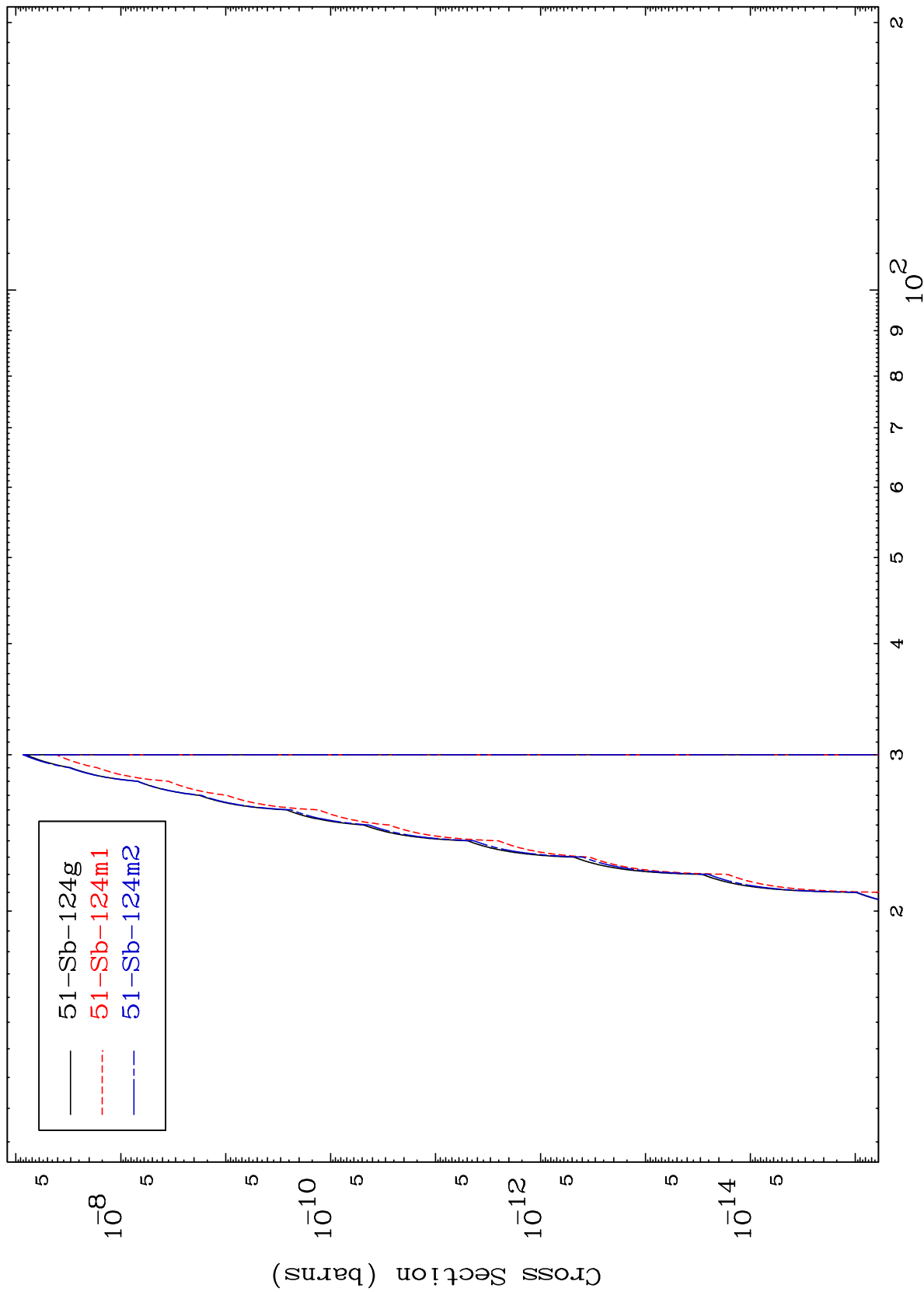


136

Incident Energy (MeV)

54-Xe-129

Radionuclide Production Cross Section

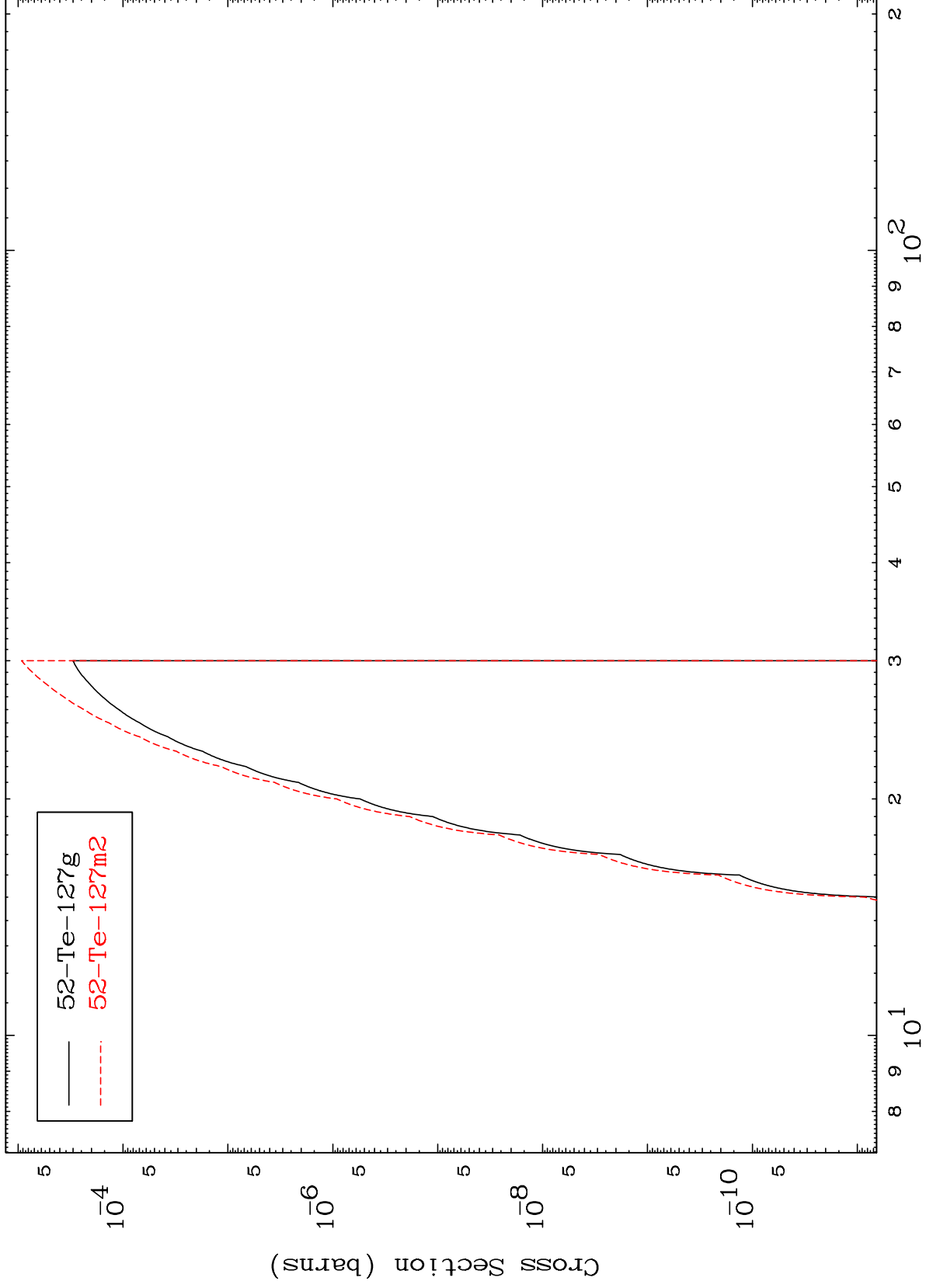


MAT 5440

(n,He-3)

54-Xe-129

Radionuclide Production Cross Section

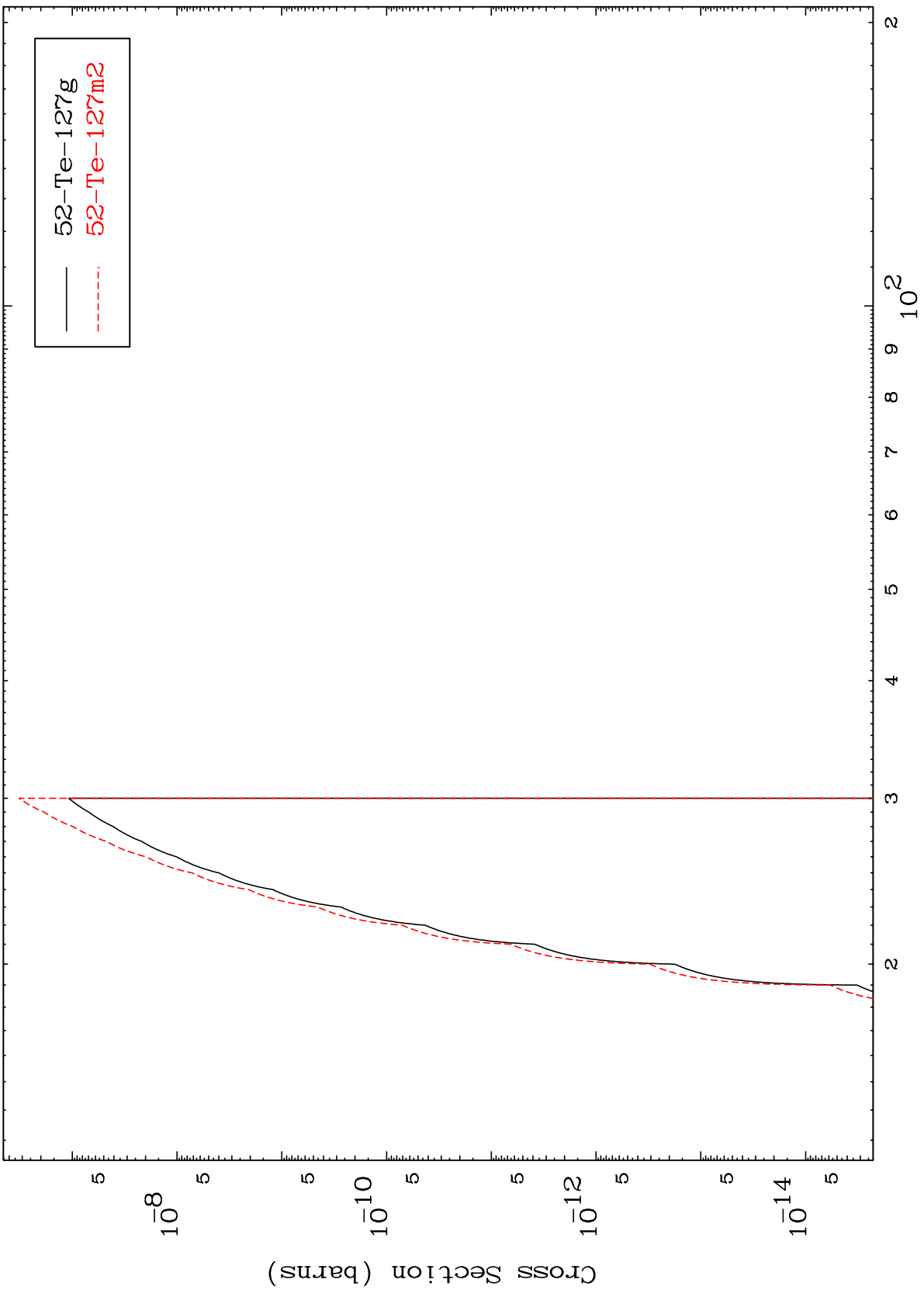


138

Incident Energy (MeV)

54-Xe-129

Radionuclide Production Cross Section



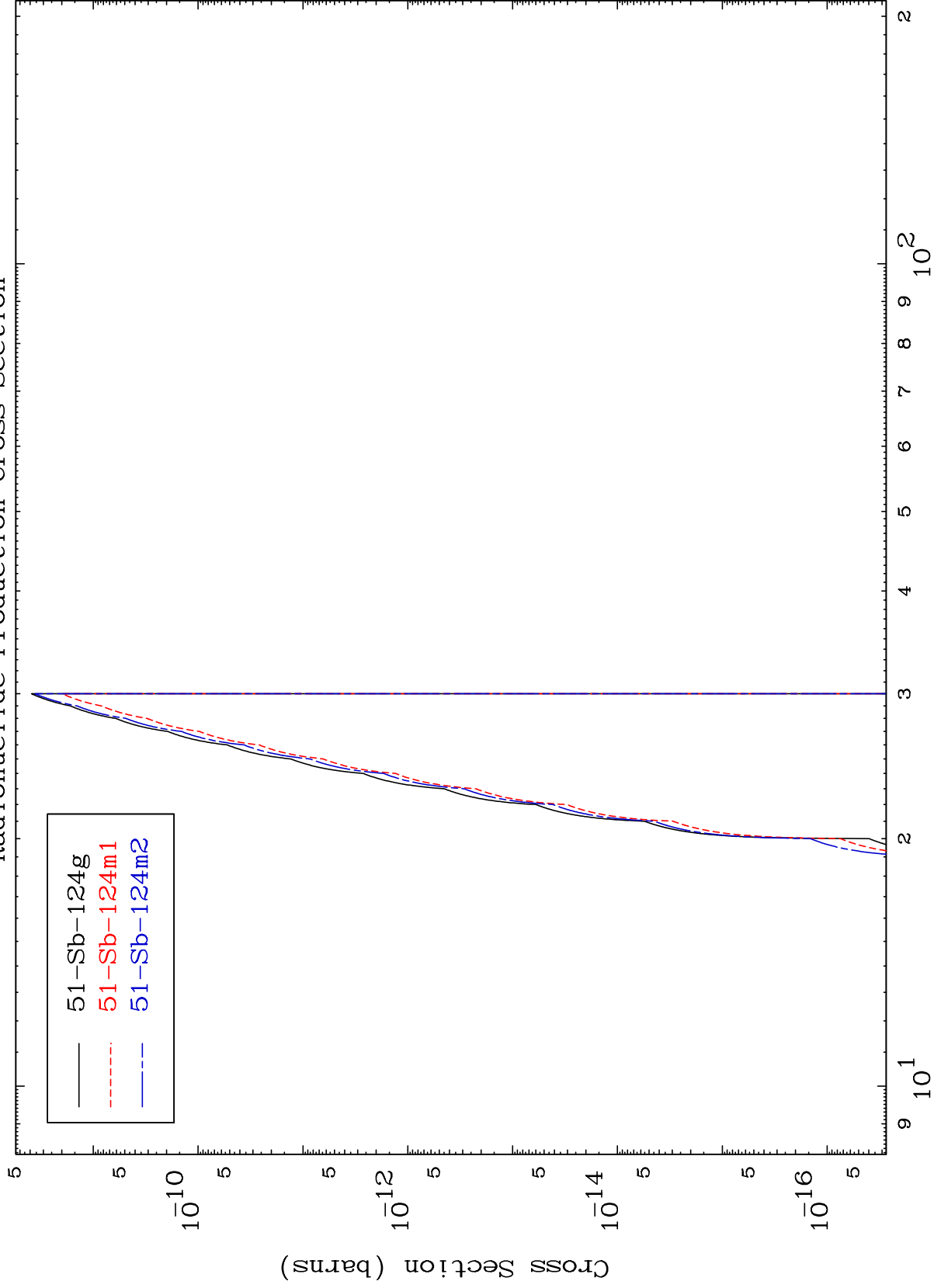
52-Te-127g
52-Te-127m2

MAT 5440

(n,d) α

54-Xe-129

Radionuclide Production Cross Section



140

Incident Energy (MeV)

54-Xe-129