

Program EVALPLOT
(Version 2021-1)

by

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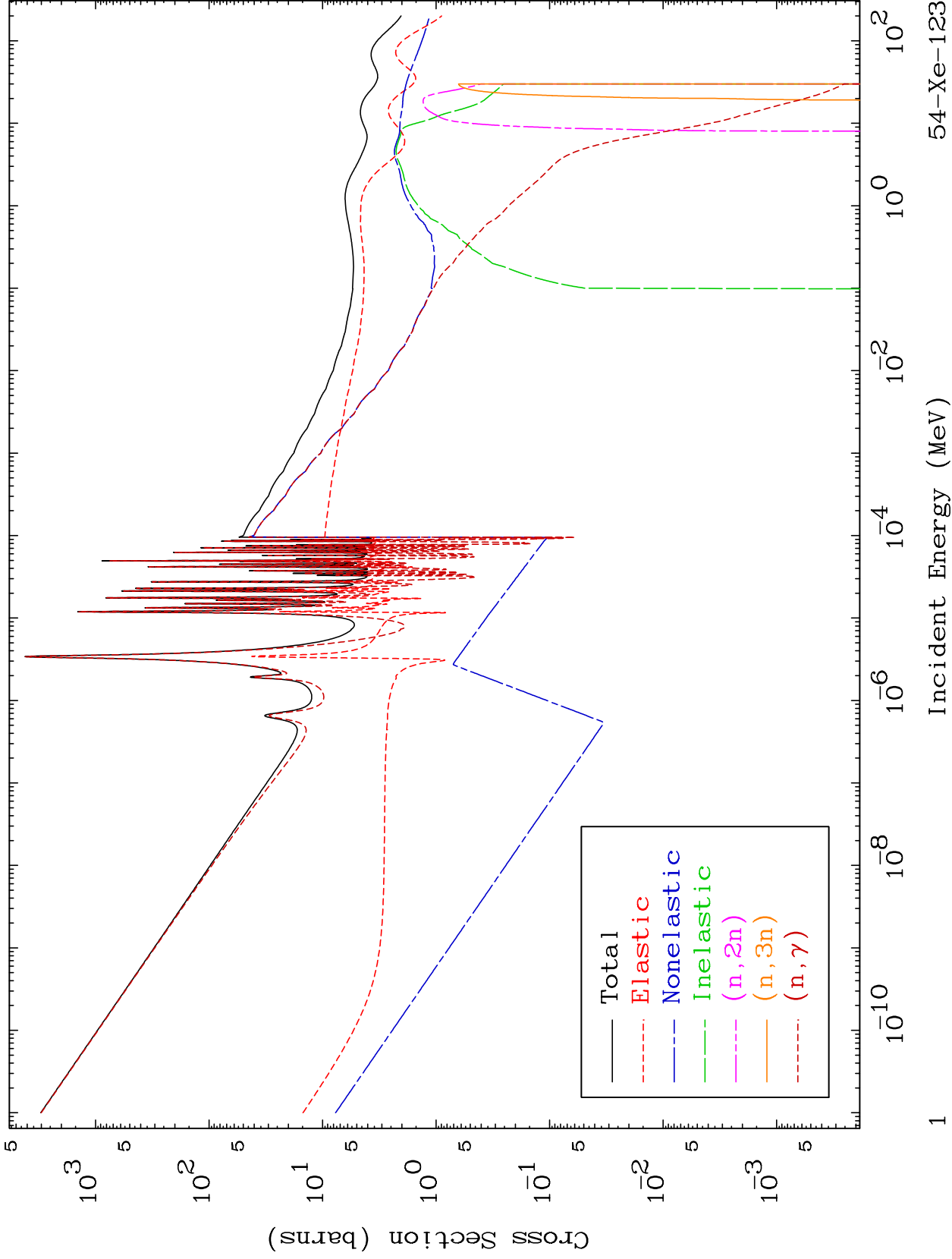
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5422

Neutron Major
293 Kelvin Cross Sections

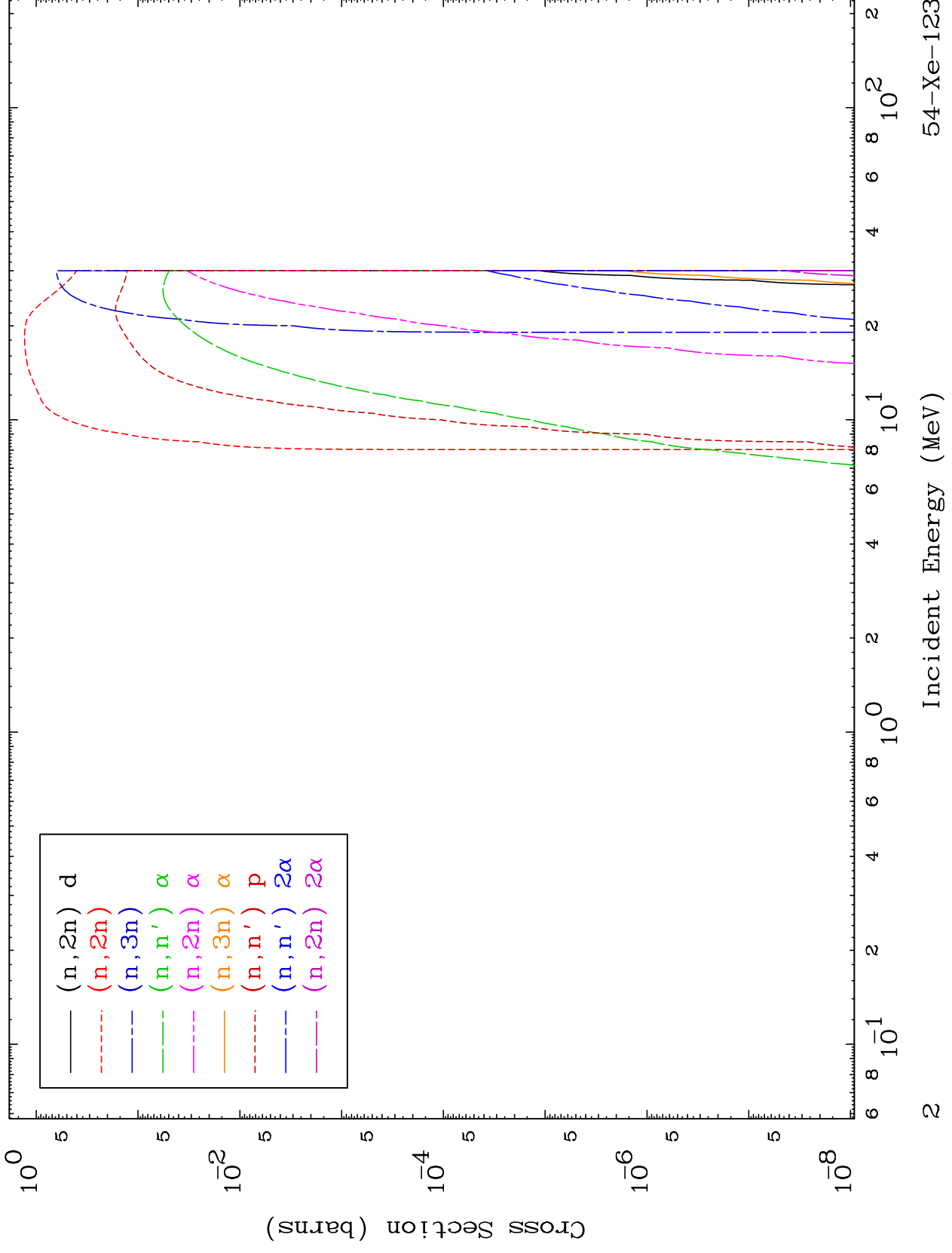
54-Xe-123

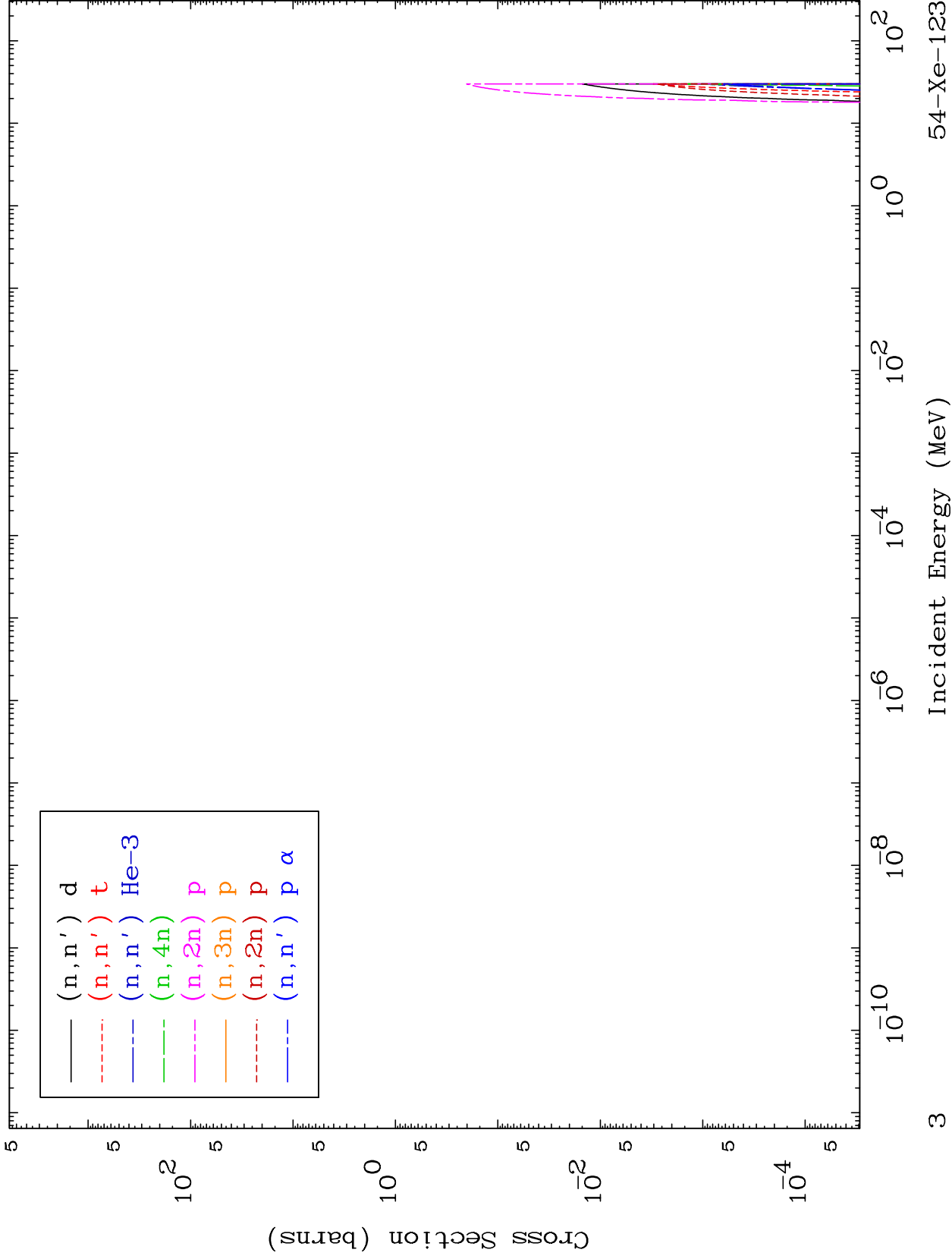


MAT 5422

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-123

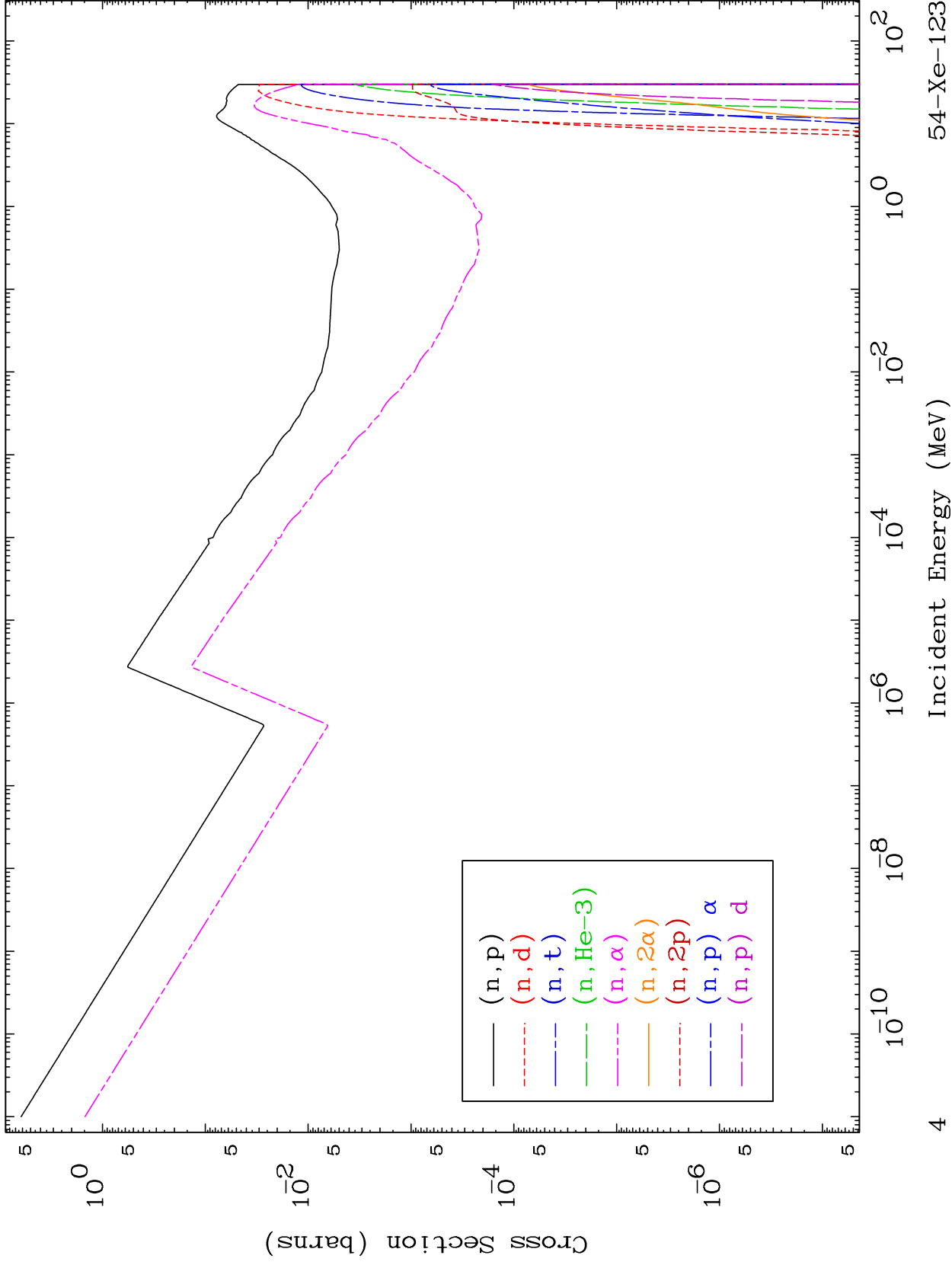


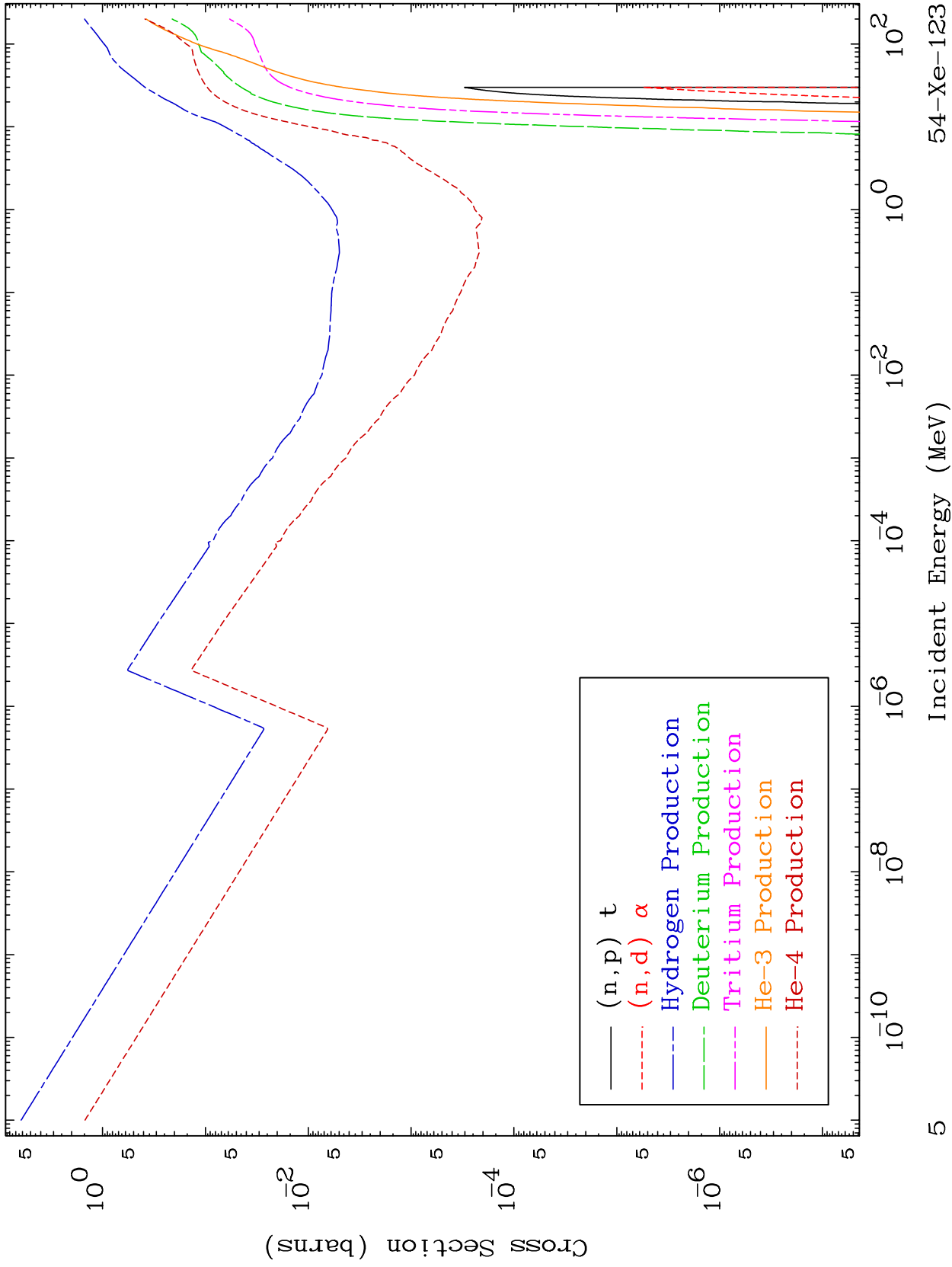


MAT 5422

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-123

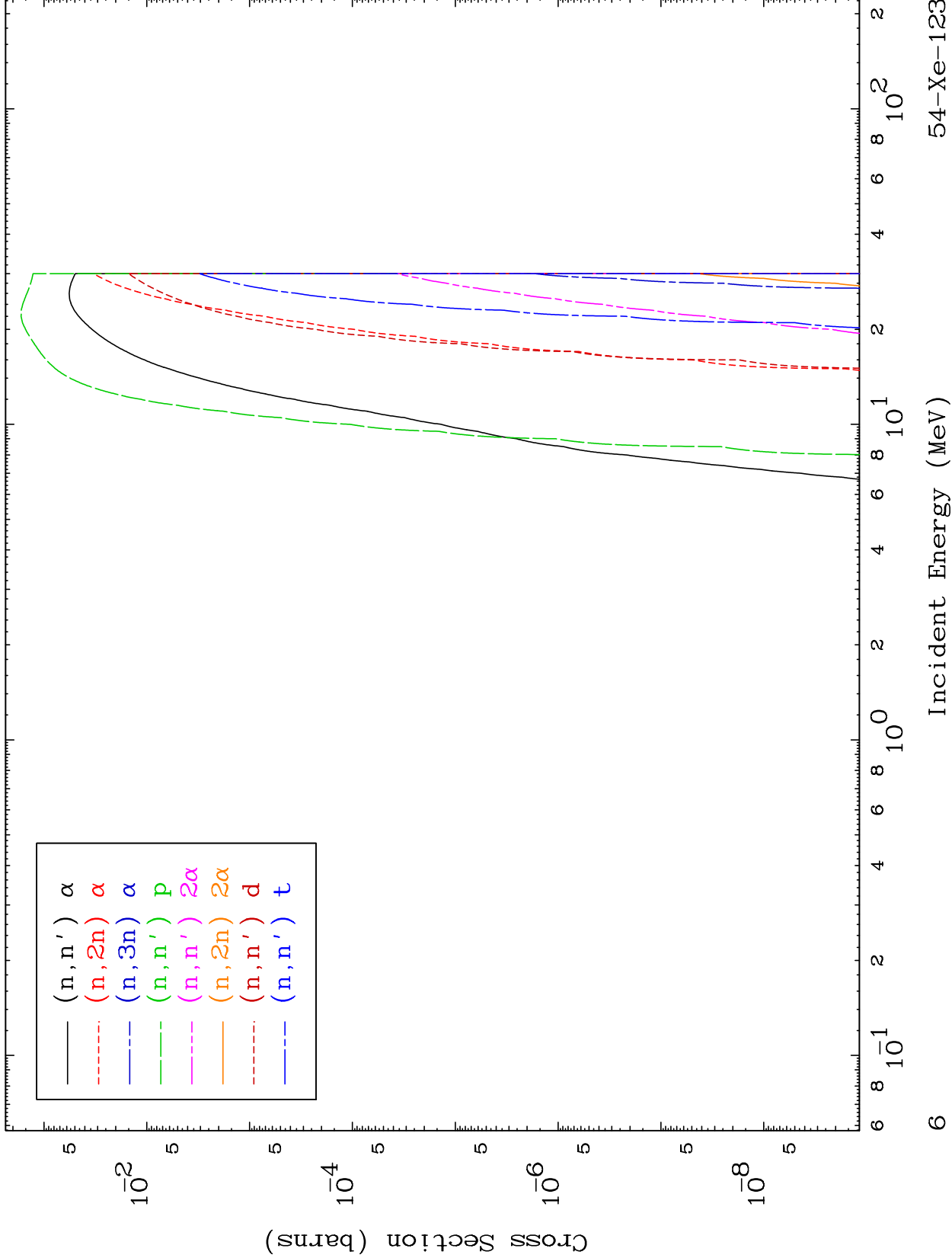




MAT 5422

Charged Particle
293 Kelvin Cross Sections

54-Xe-123



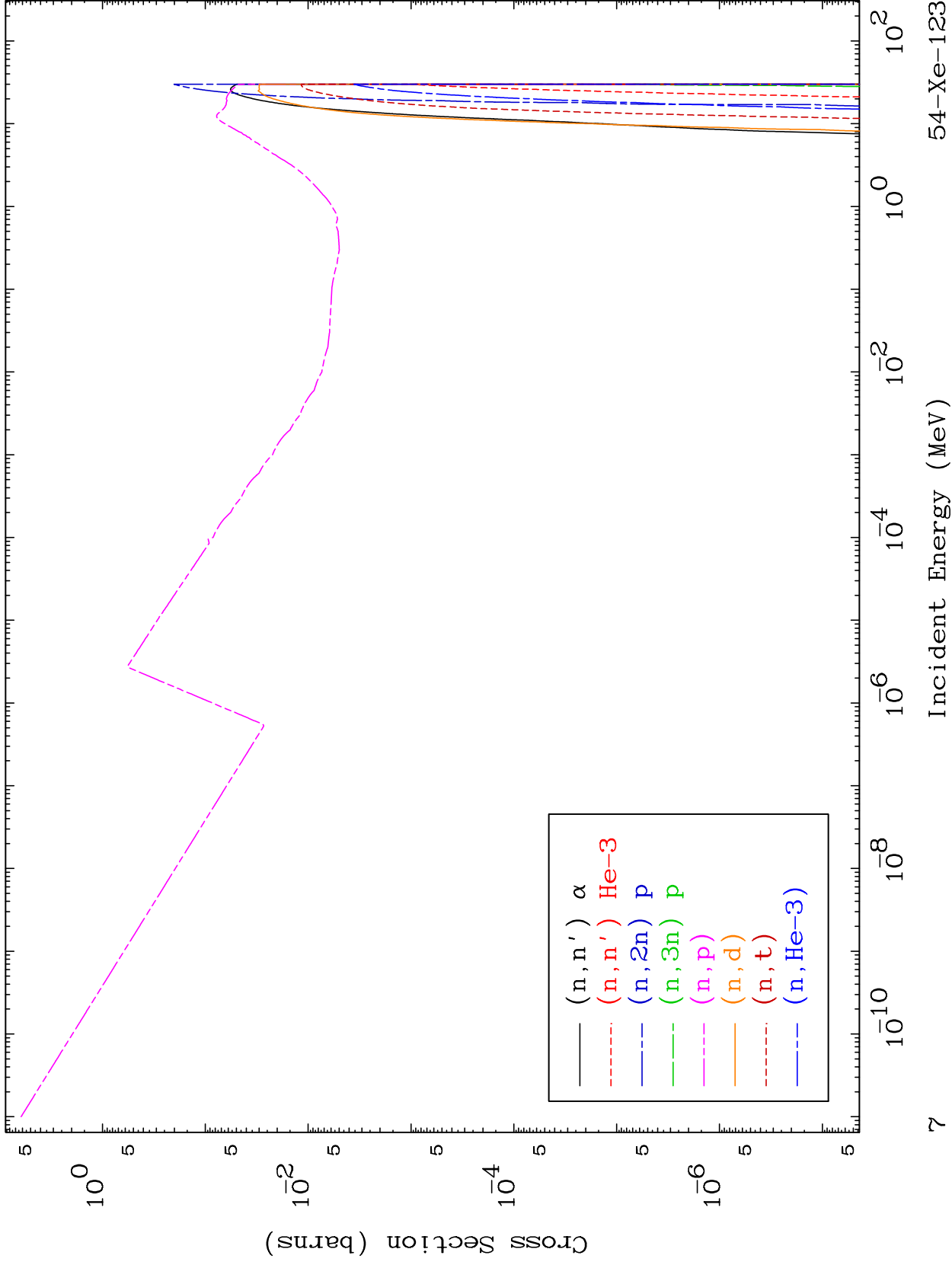
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54-Xe-123

MAT 5422

Charged Particle
293 Kelvin Cross Sections

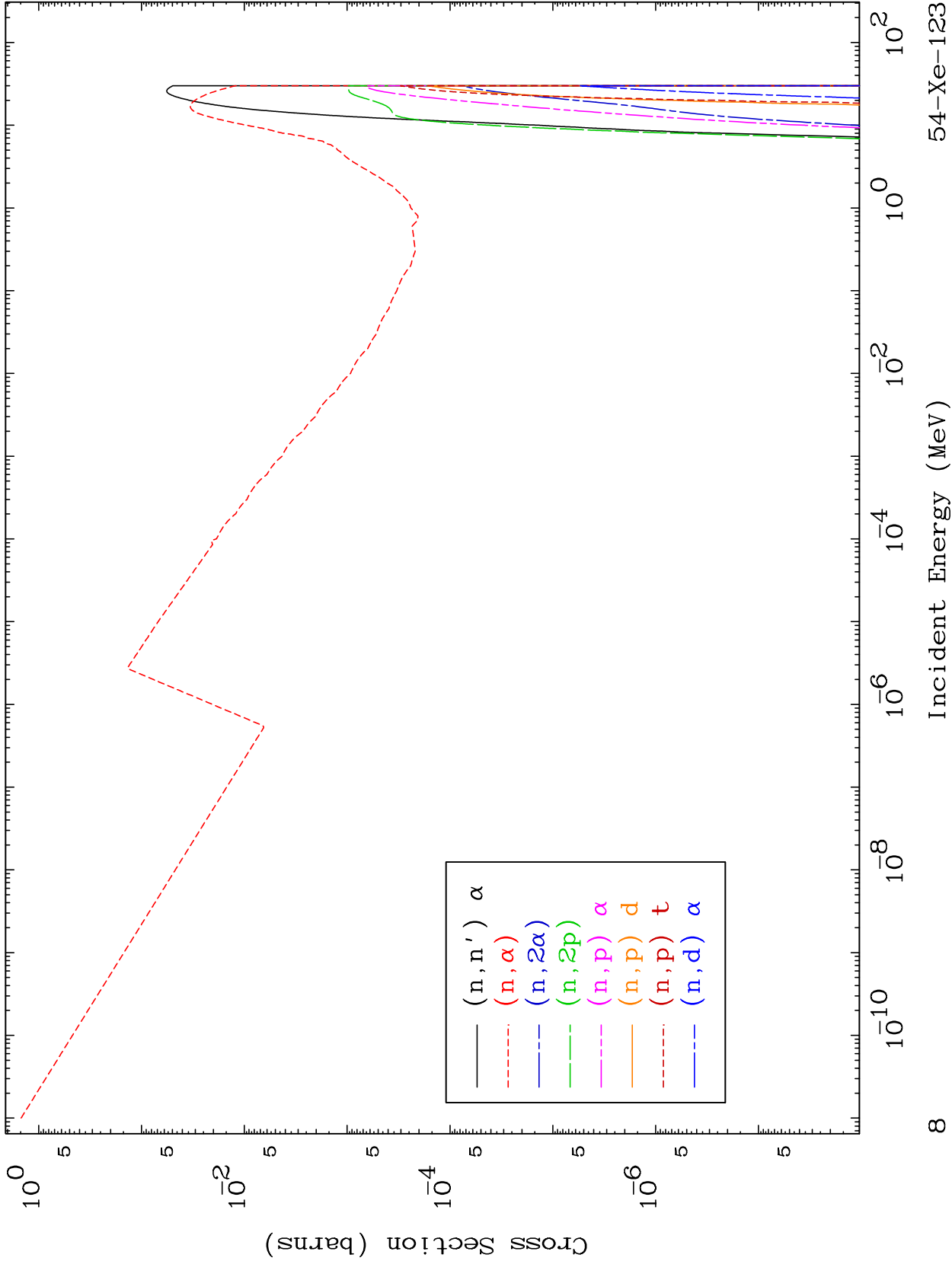
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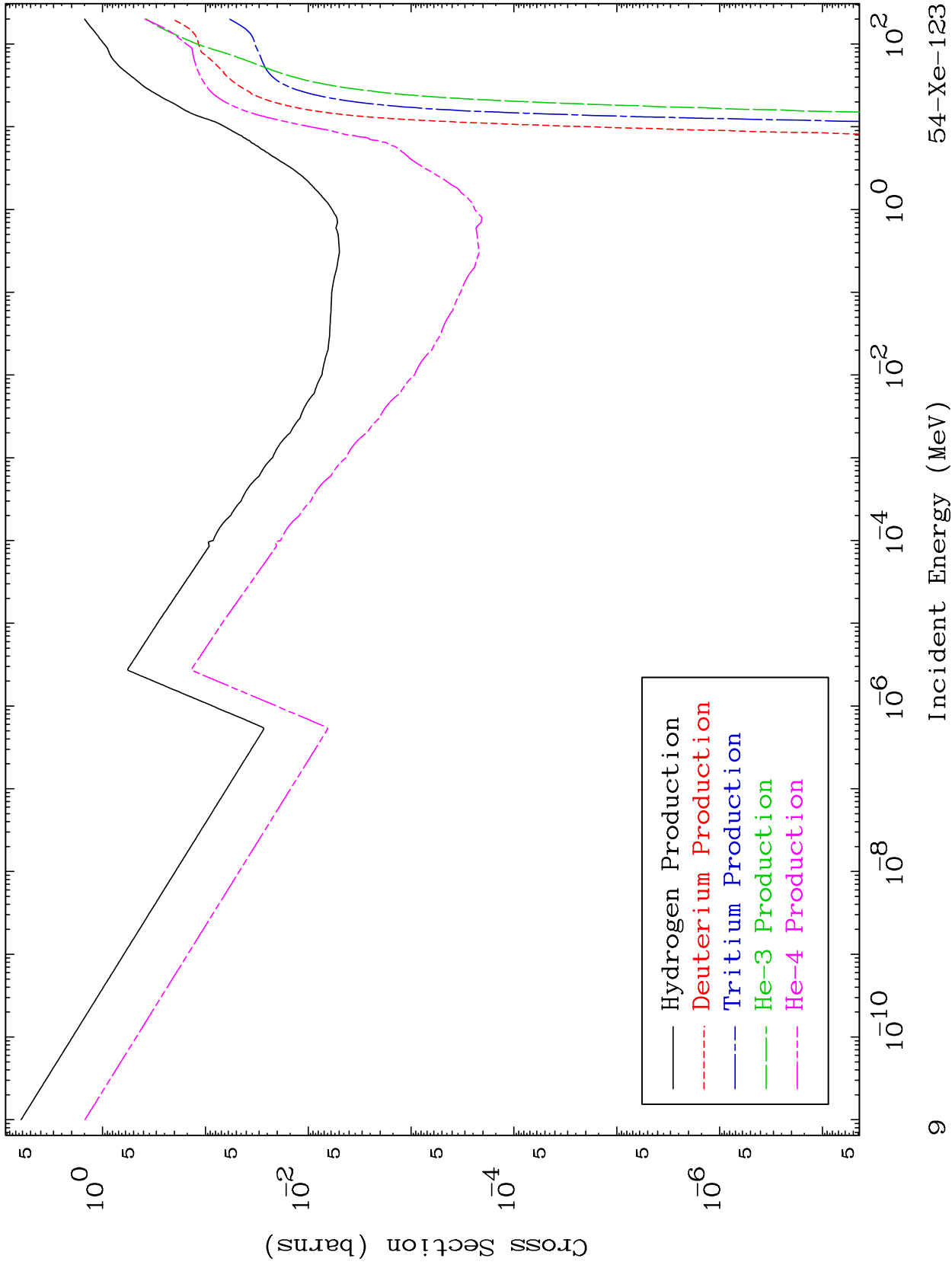


MAT 5422

Charged Particle
293 Kelvin Cross Sections

54-Xe-123



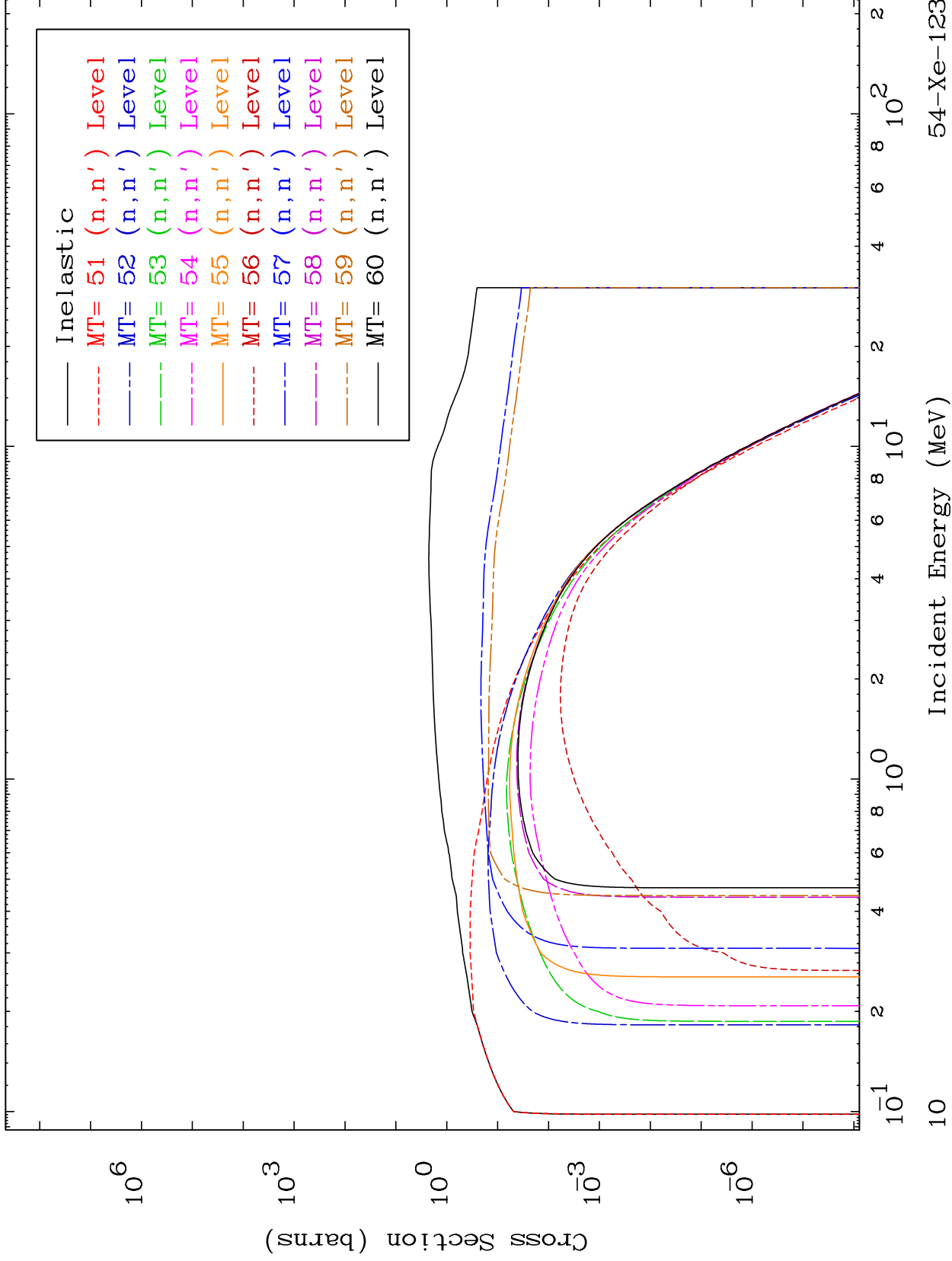


MAT 5422

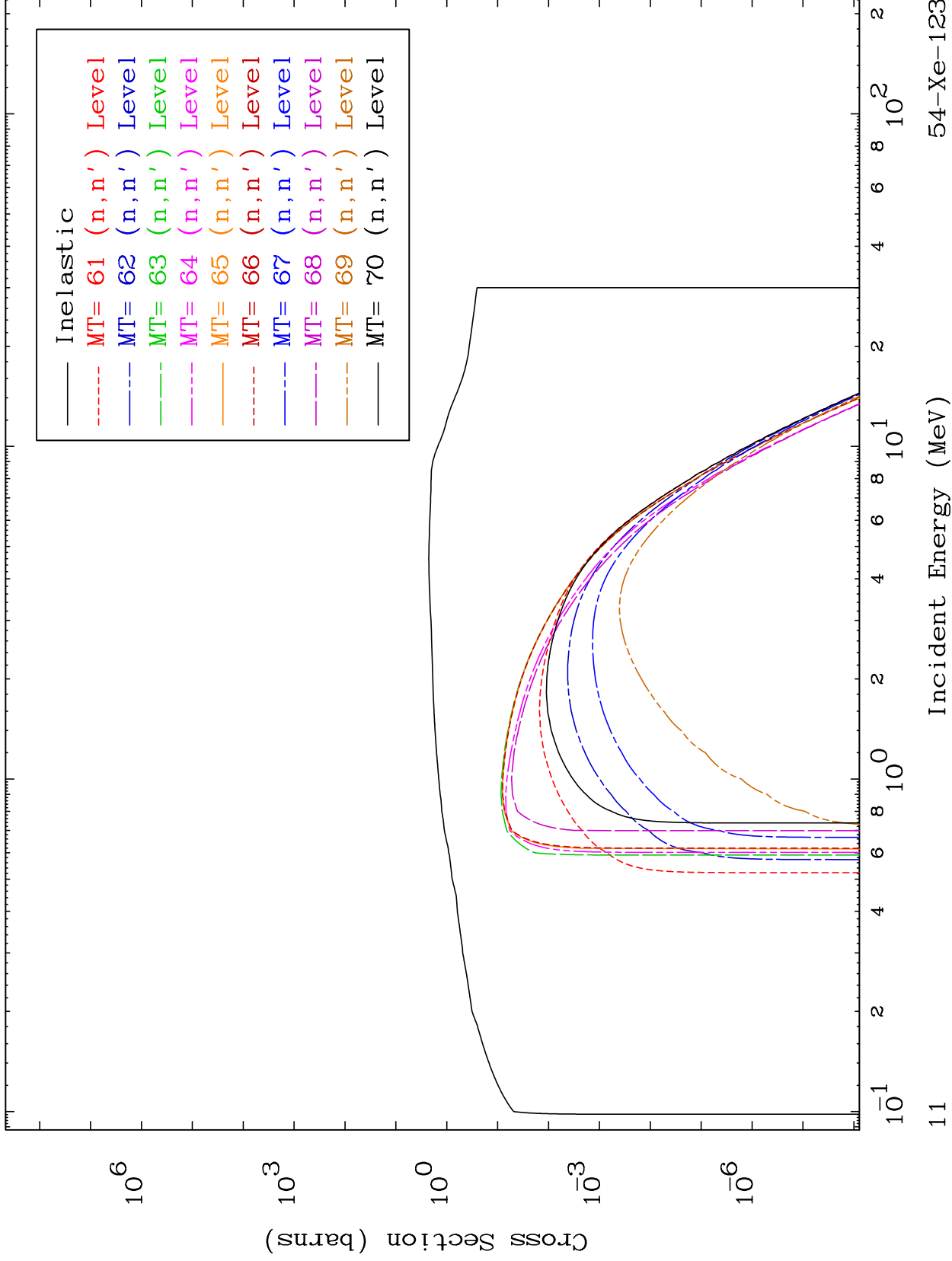
(n,n') Levels

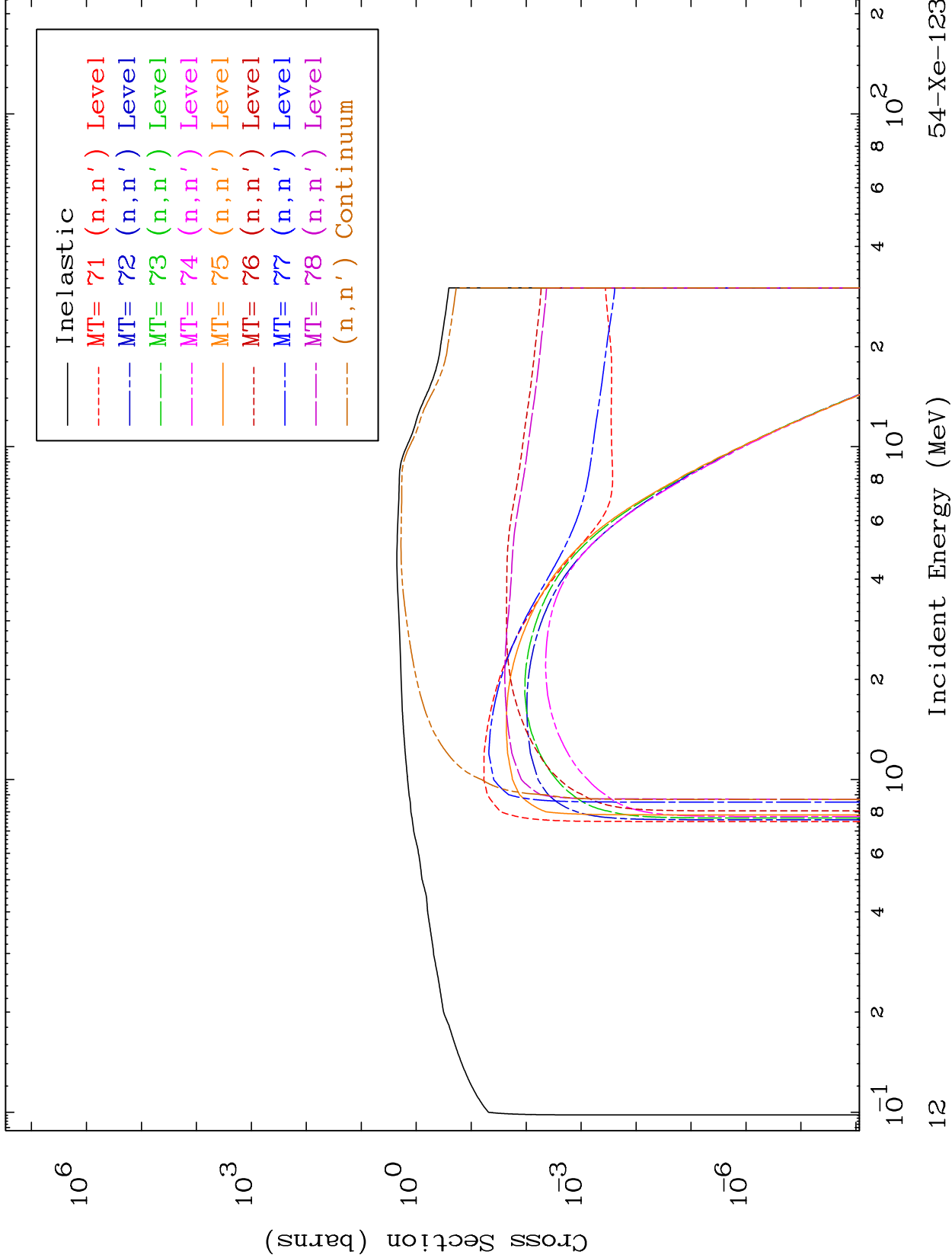
293 Kelvin Cross Sections

54-Xe-123



293 Kelvin Cross Sections

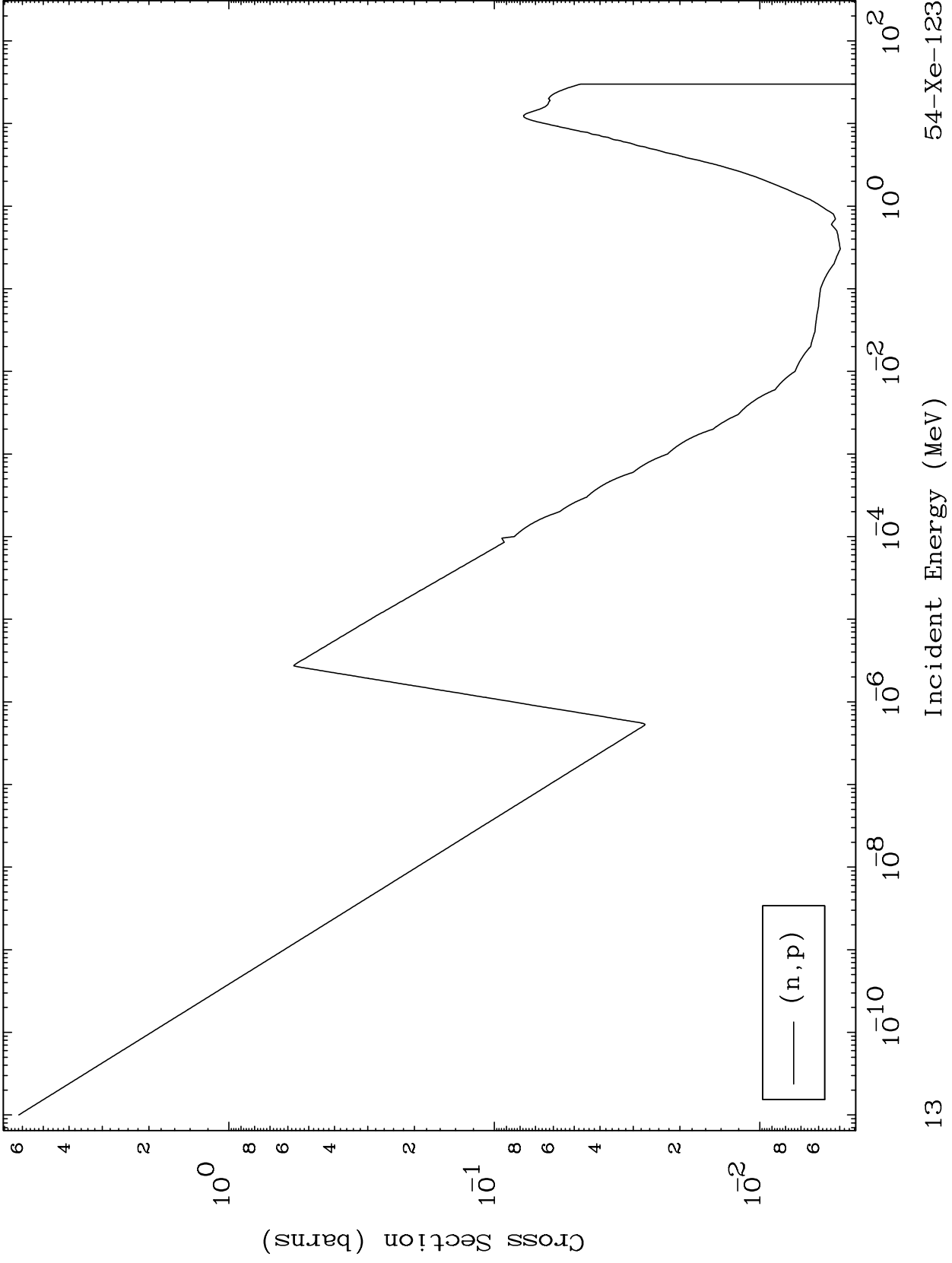




MAT 5422

(n,p) Levels
293 Kelvin Cross Sections

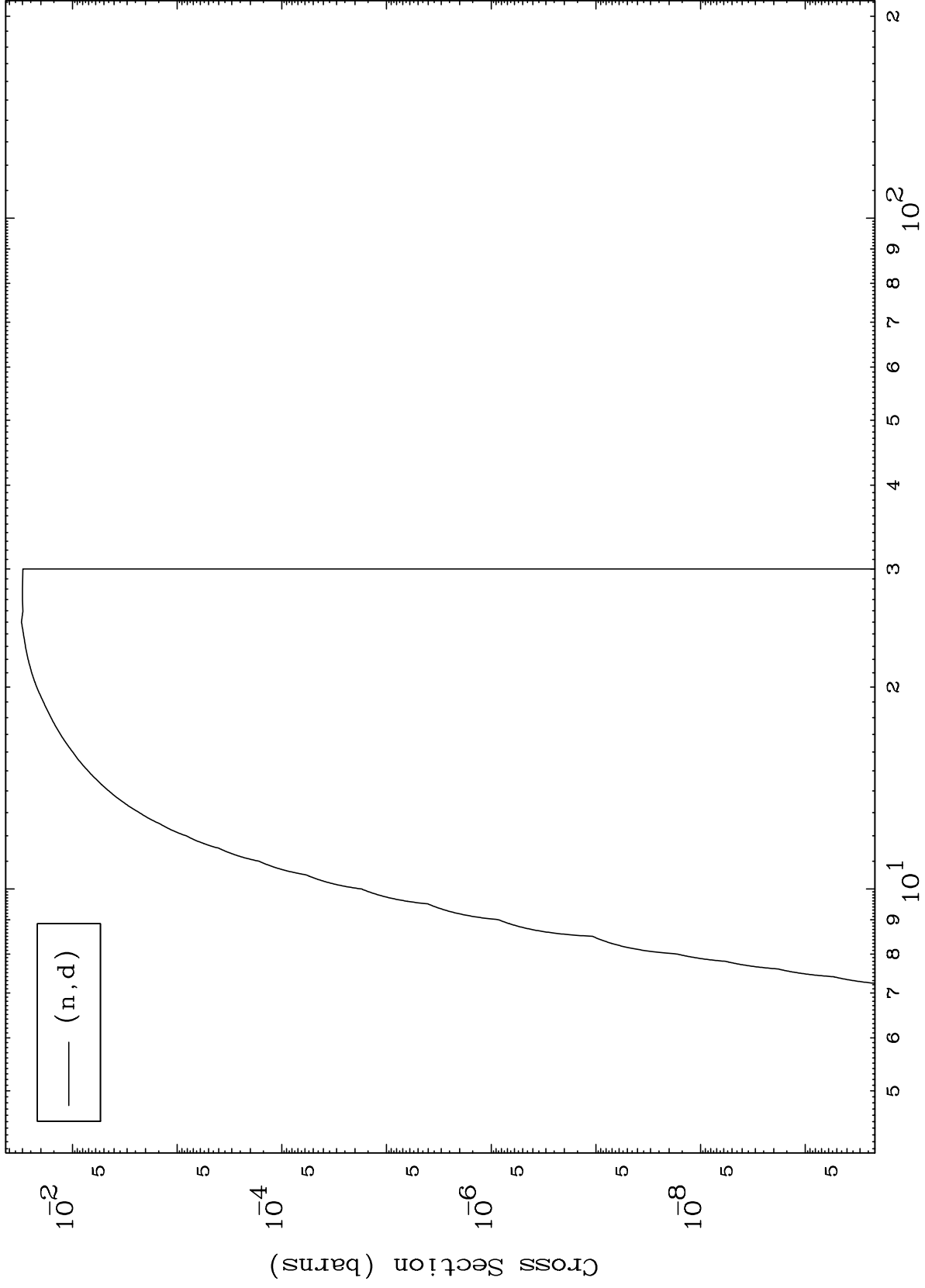
54-Xe-123



MAT 5422

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-123



14

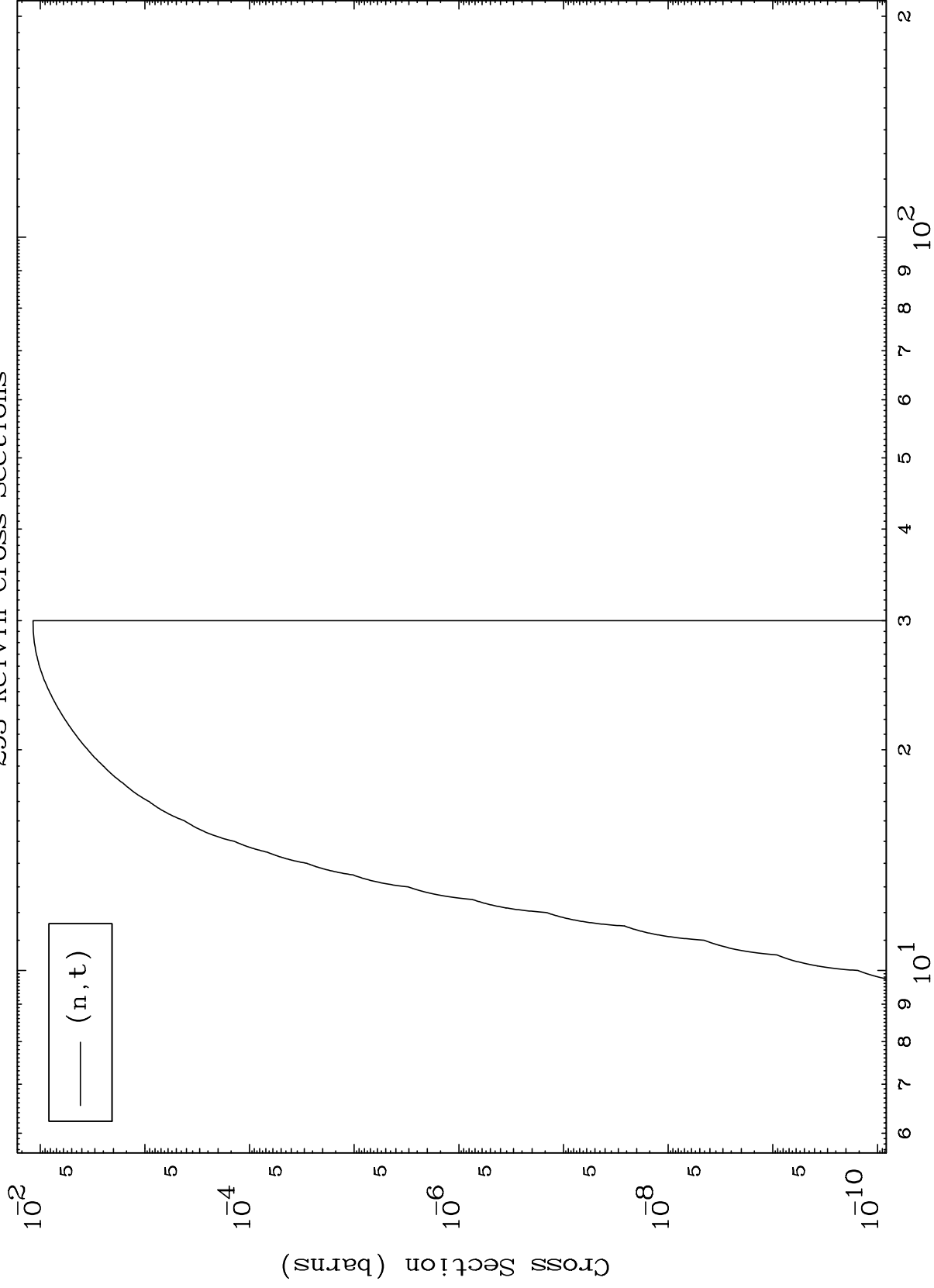
Incident Energy (MeV)

54-Xe-123

MAT 5422

(n, t) Levels
293 Kelvin Cross Sections

54-Xe-123



15

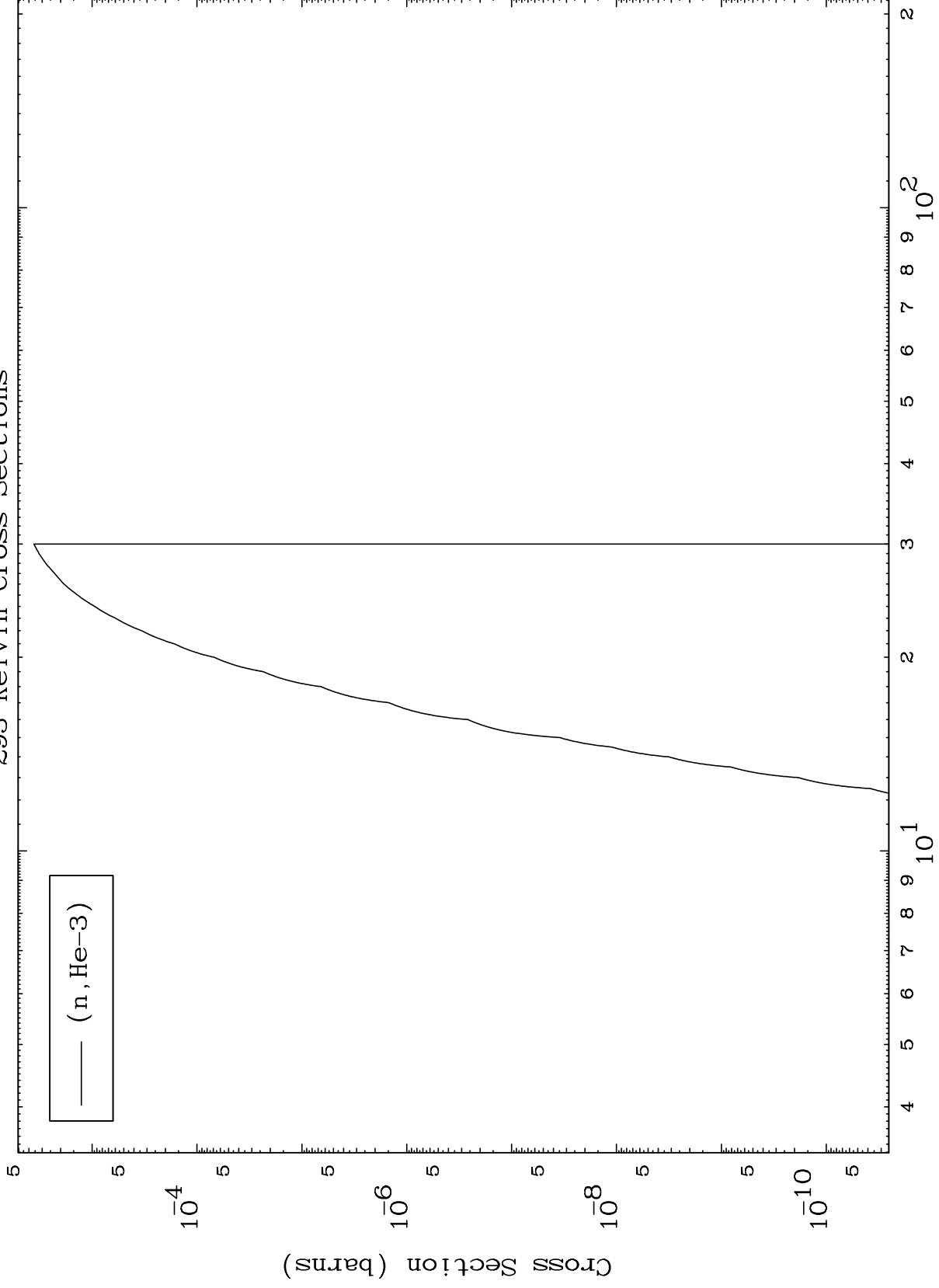
Incident Energy (MeV)

54-Xe-123

MAT 5422

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-123



16

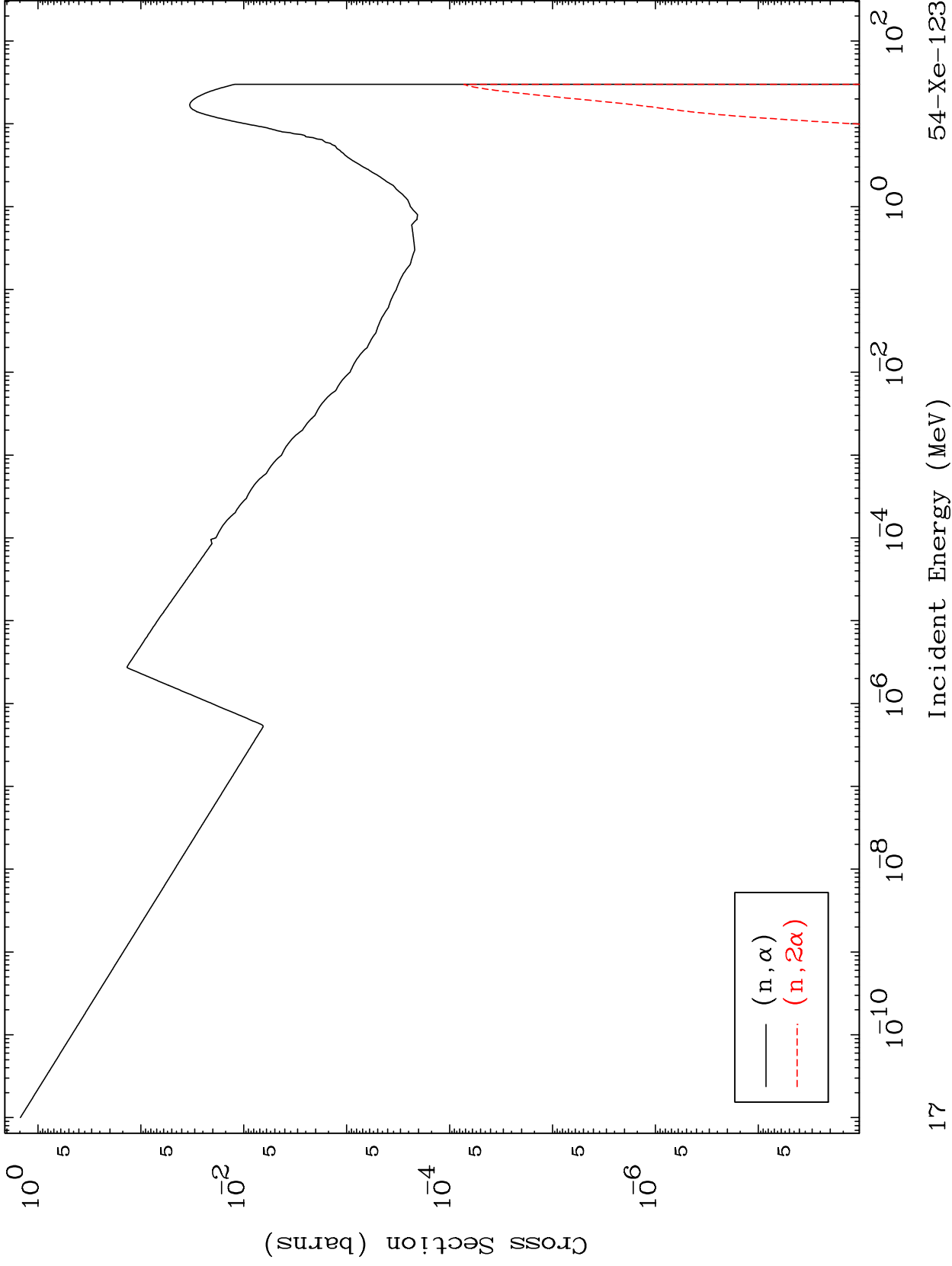
Incident Energy (MeV)

54-Xe-123

MAT 5422

(n, α) Levels
293 Kelvin Cross Sections

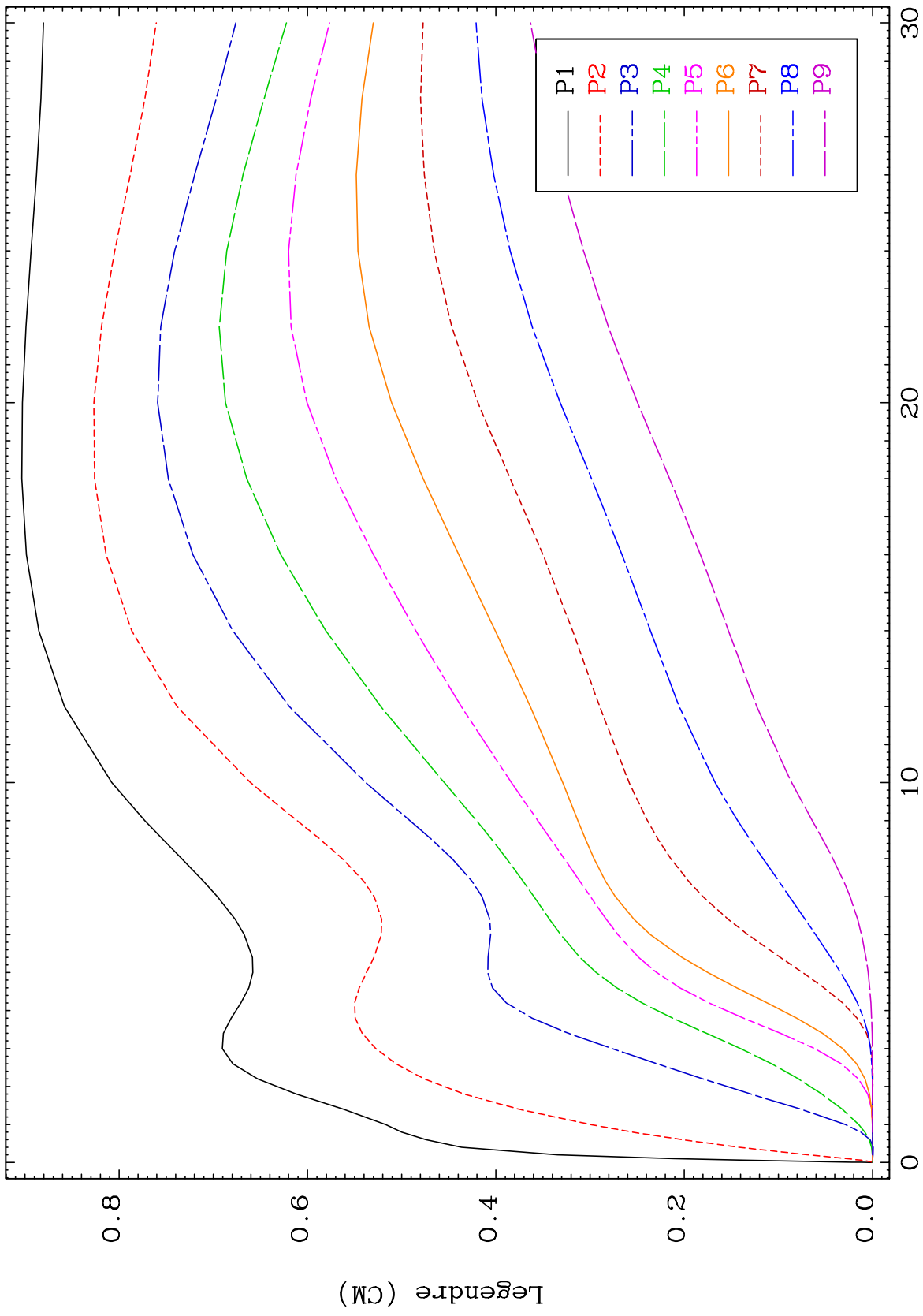
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MAT 5422

54-Xe-123

Elastic Legendre Coefficients



18

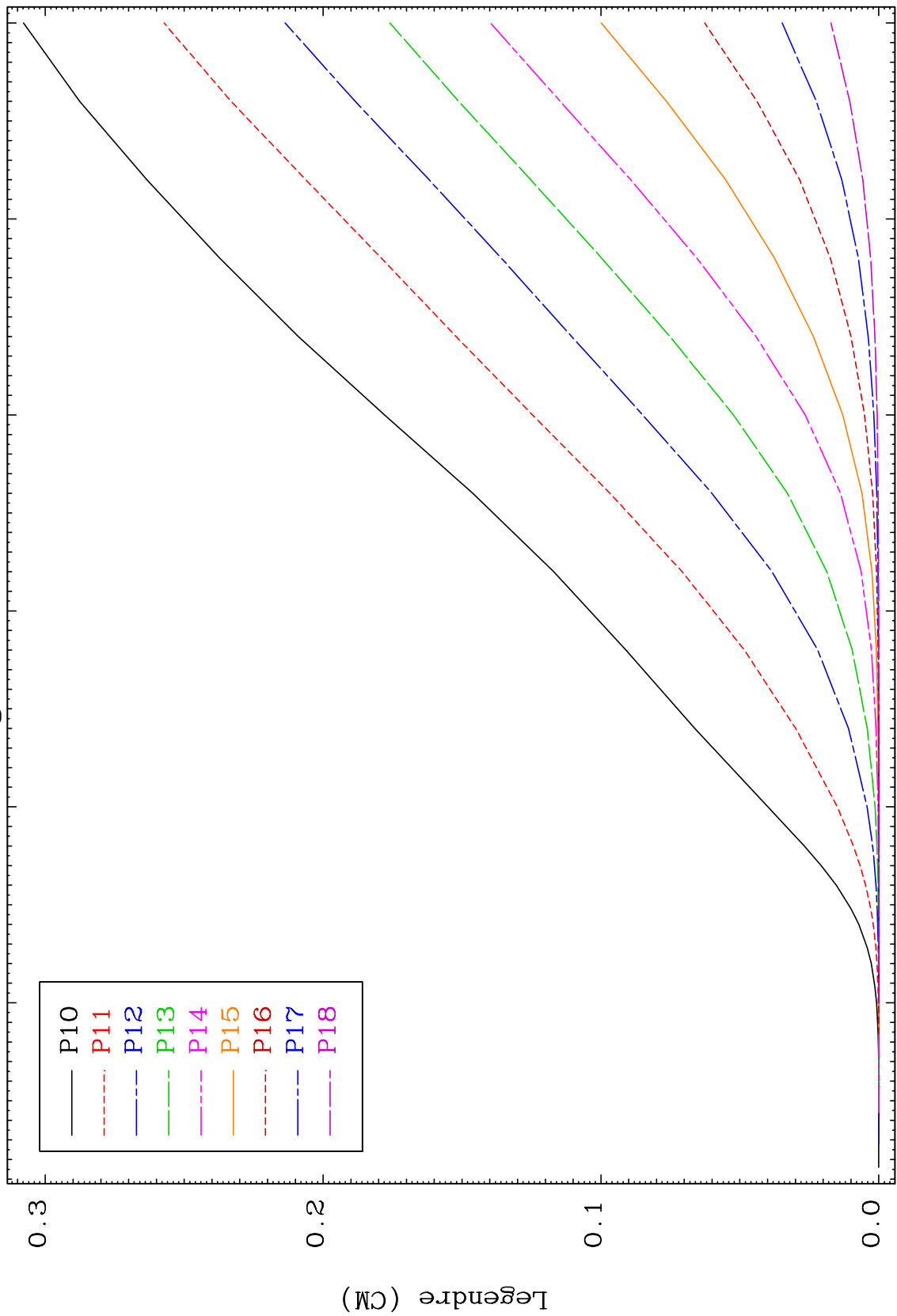
Incident Energy (MeV)

54-Xe-123

MAT 5422

Elastic Legendre Coefficients

54-Xe-123



19

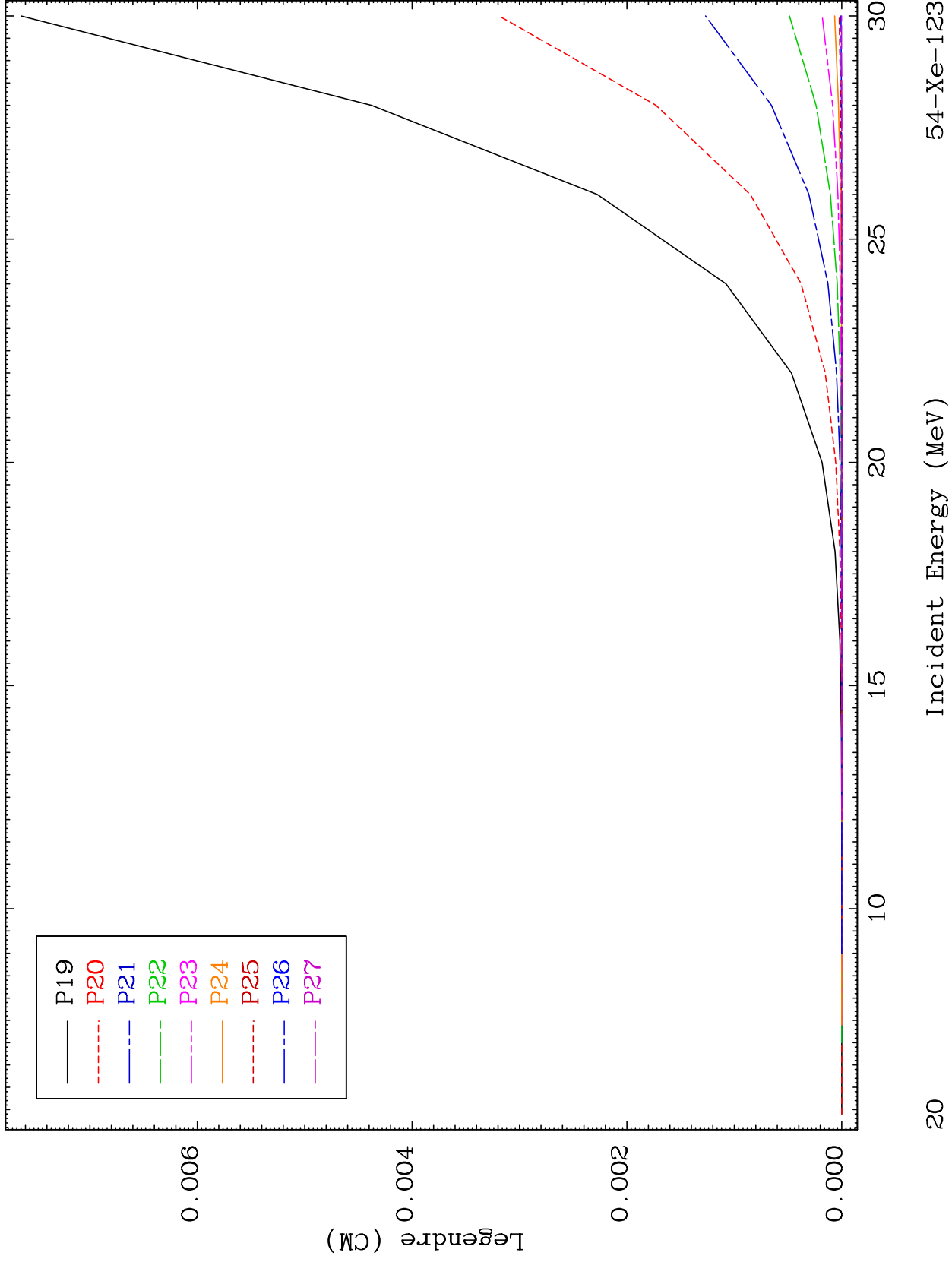
Incident Energy (MeV)

54-Xe-123

MAT 5422

Elastic Legendre Coefficients

54-Xe-123



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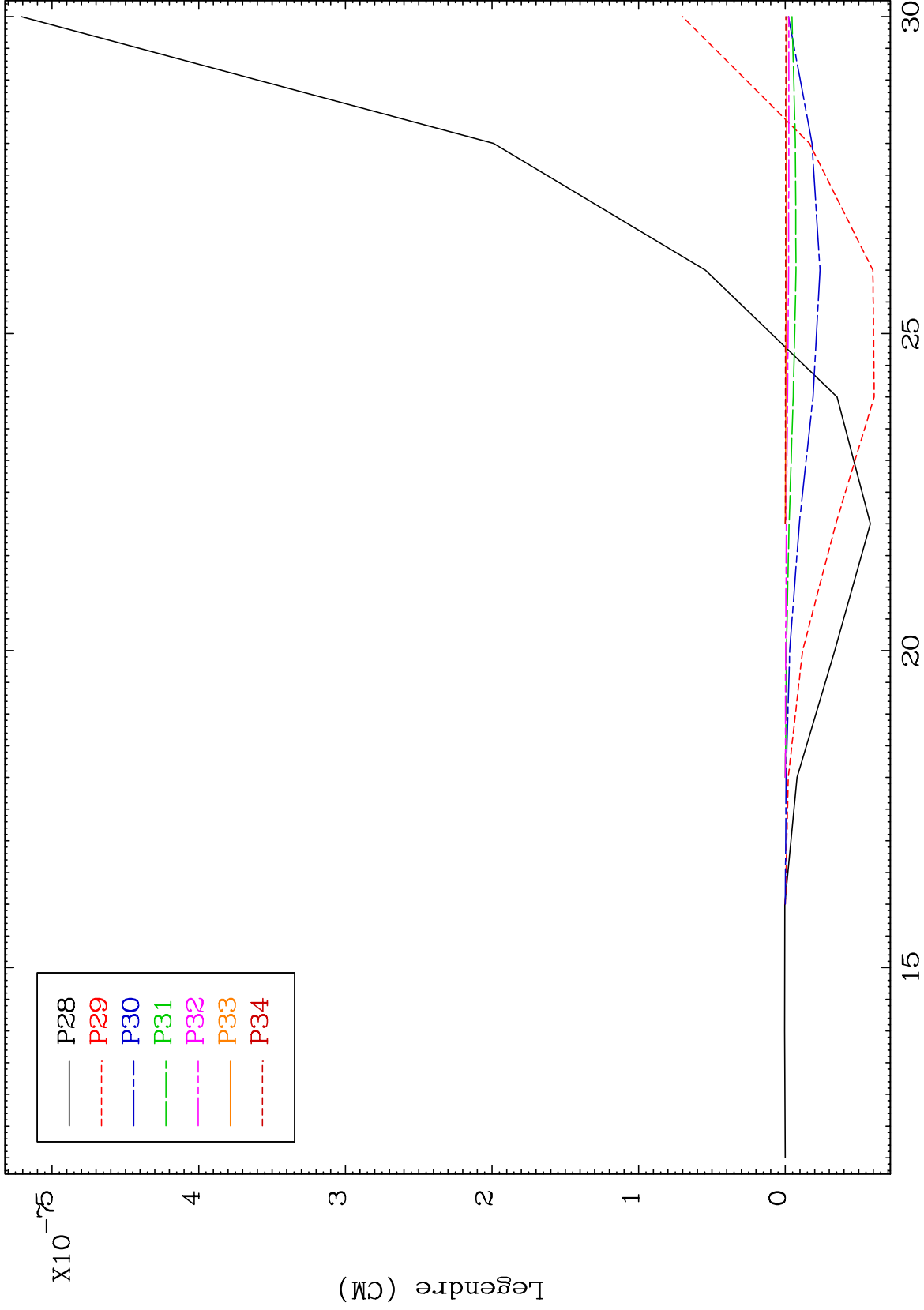
Incident Energy (MeV)

54-Xe-123

MAT 5422

Elastic Legendre Coefficients

54-Xe-123



21

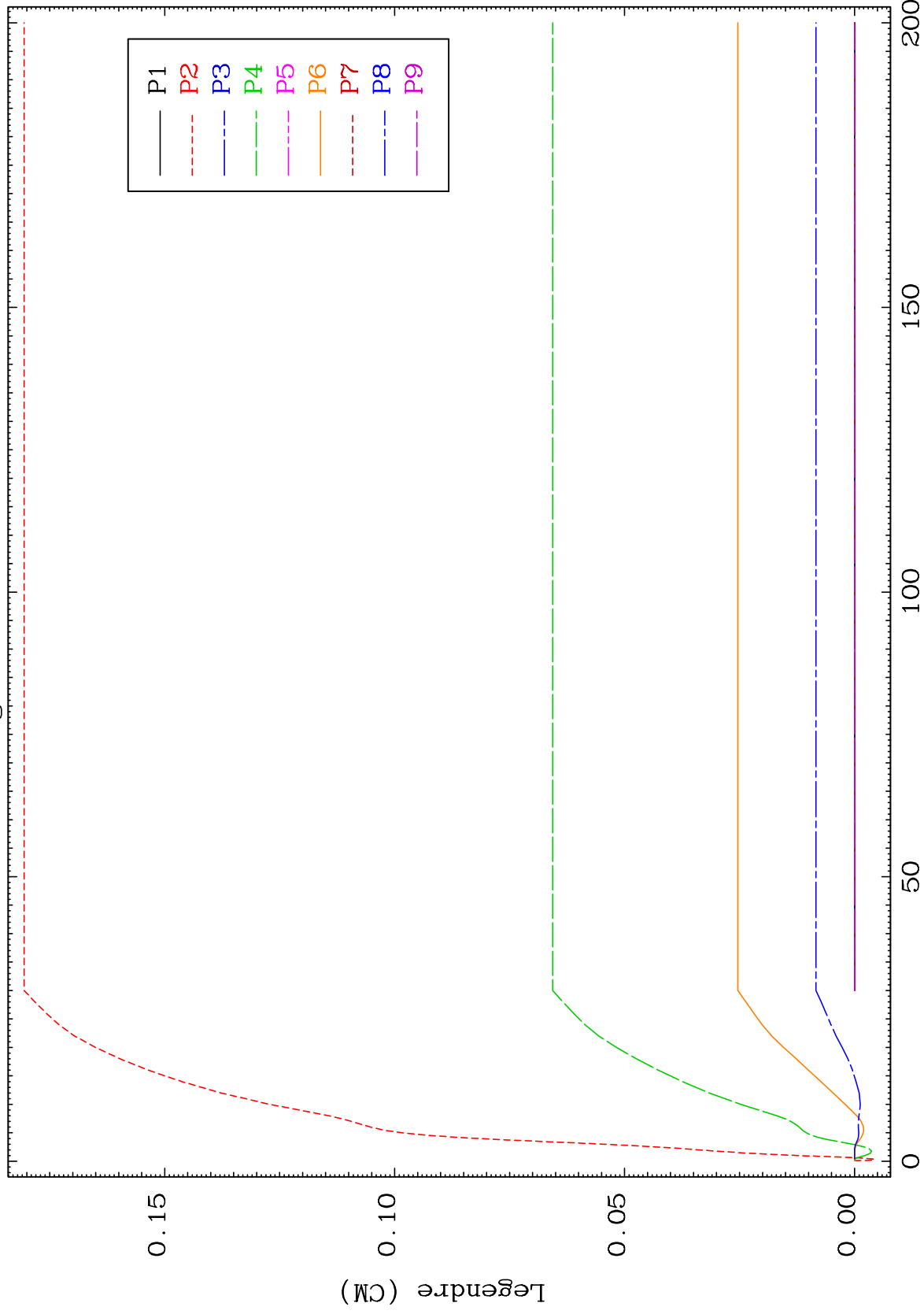
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

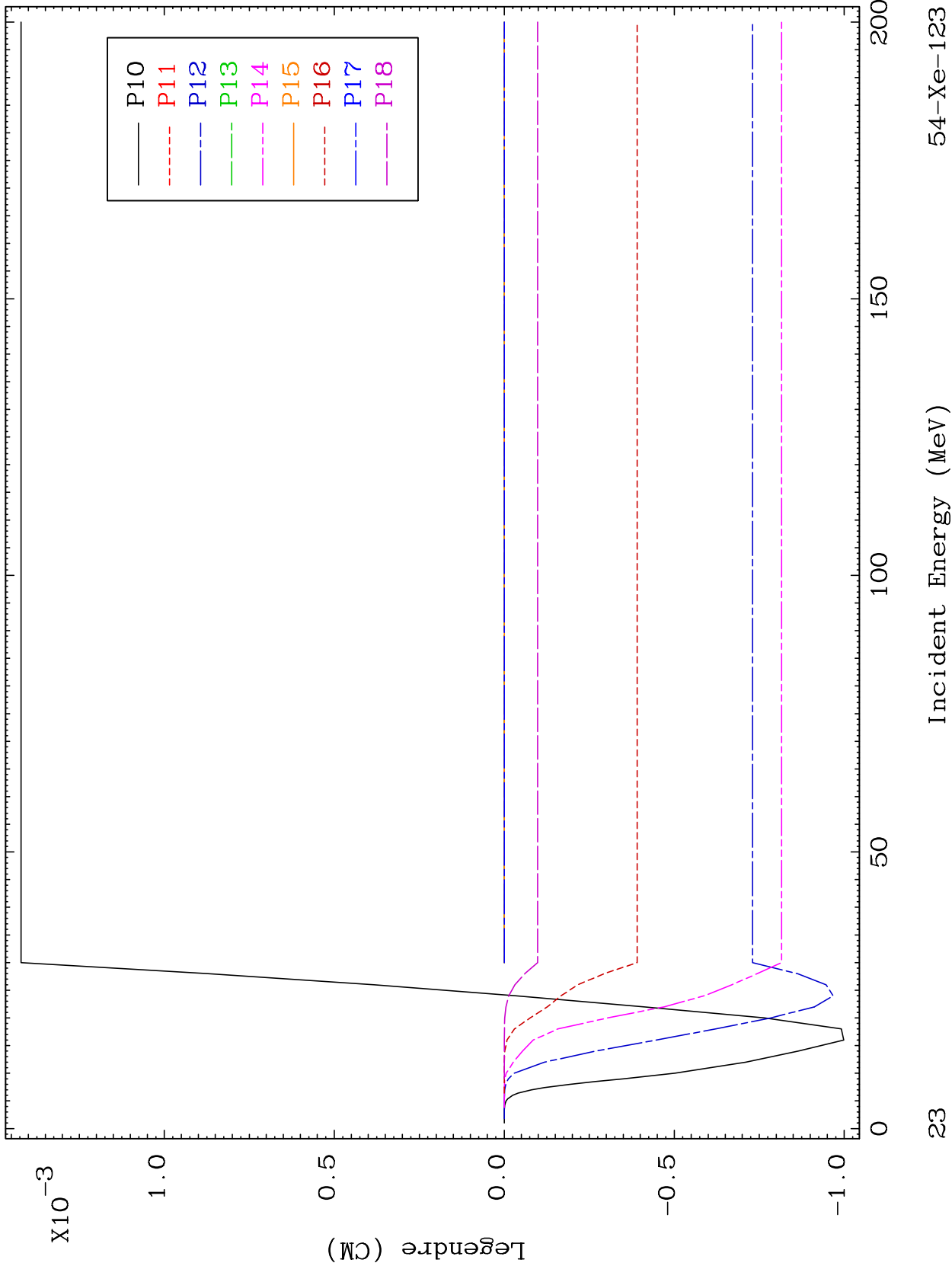
54-Xe-123



54-Xe-123

Incident Energy (MeV)

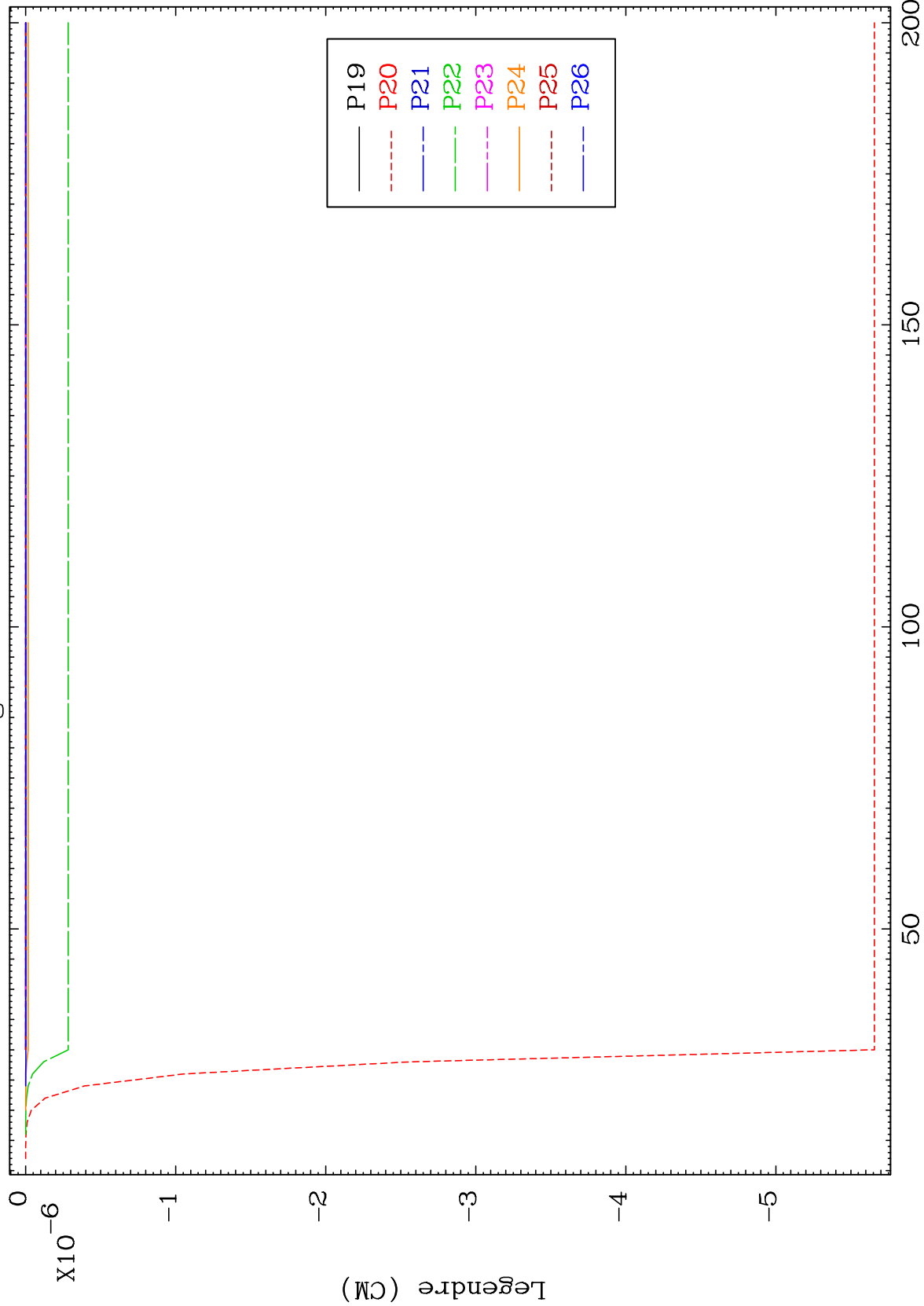
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MAT 5422

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

54-Xe-123



24

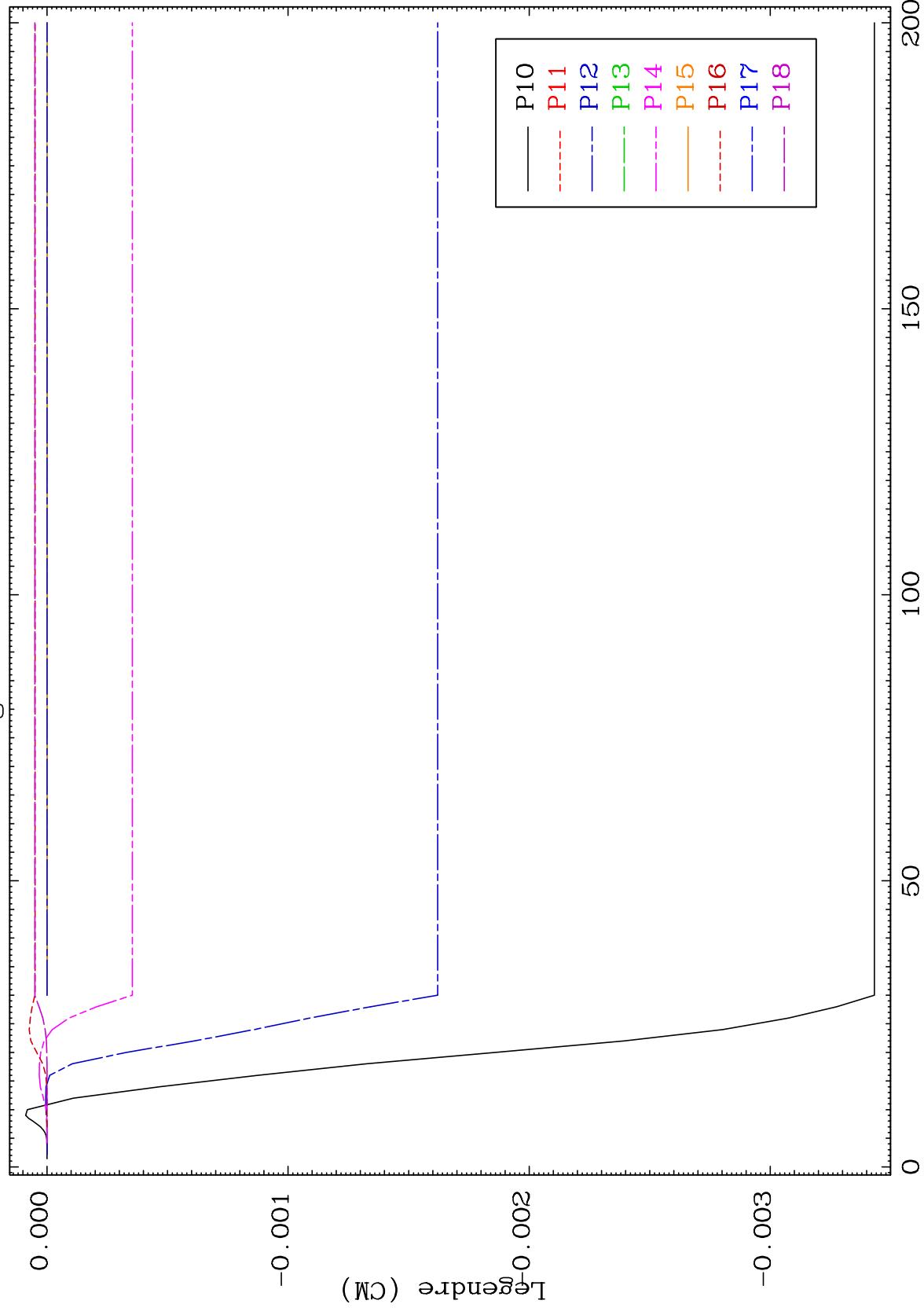
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



26

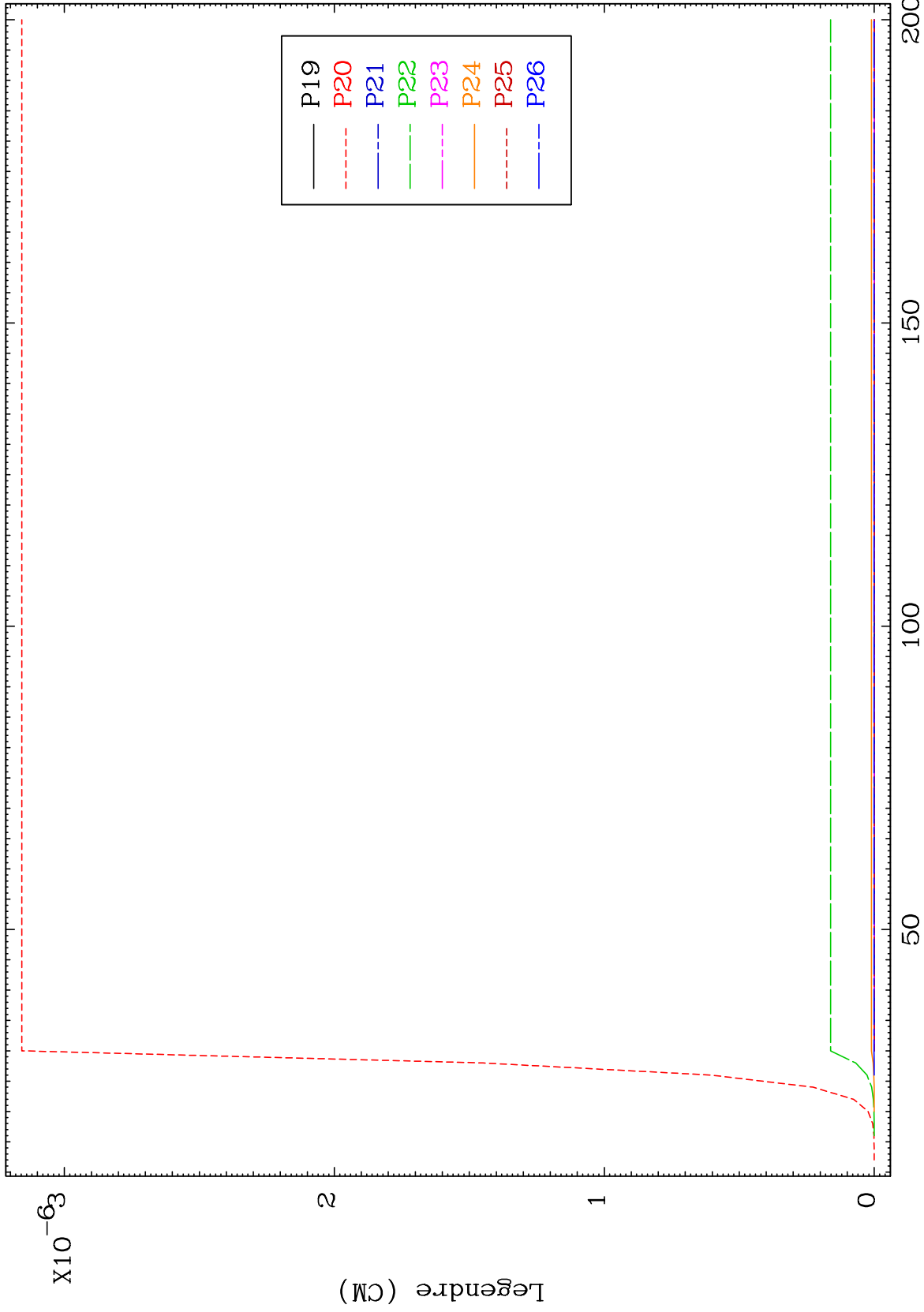
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



27

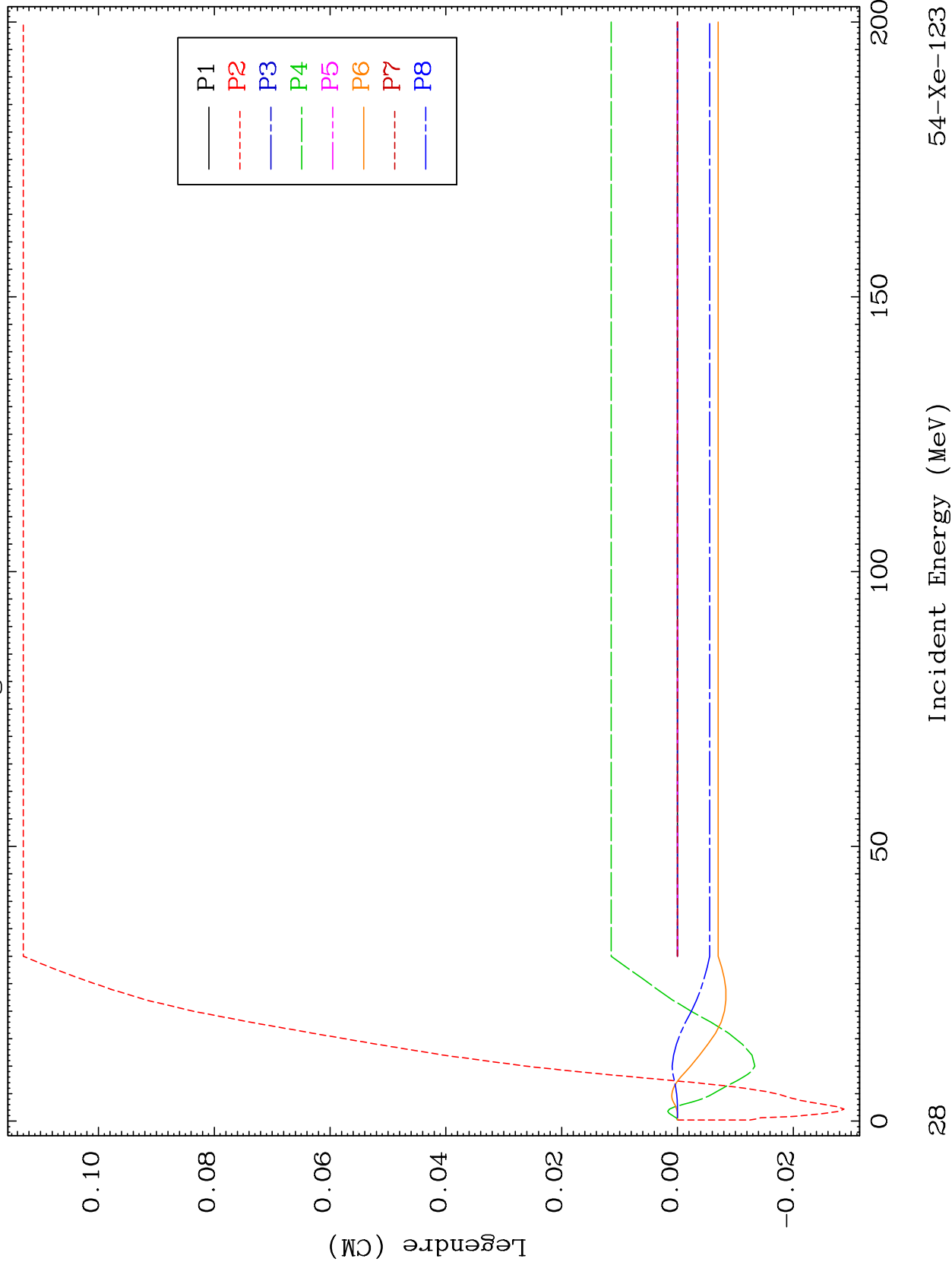
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



54-Xe-123

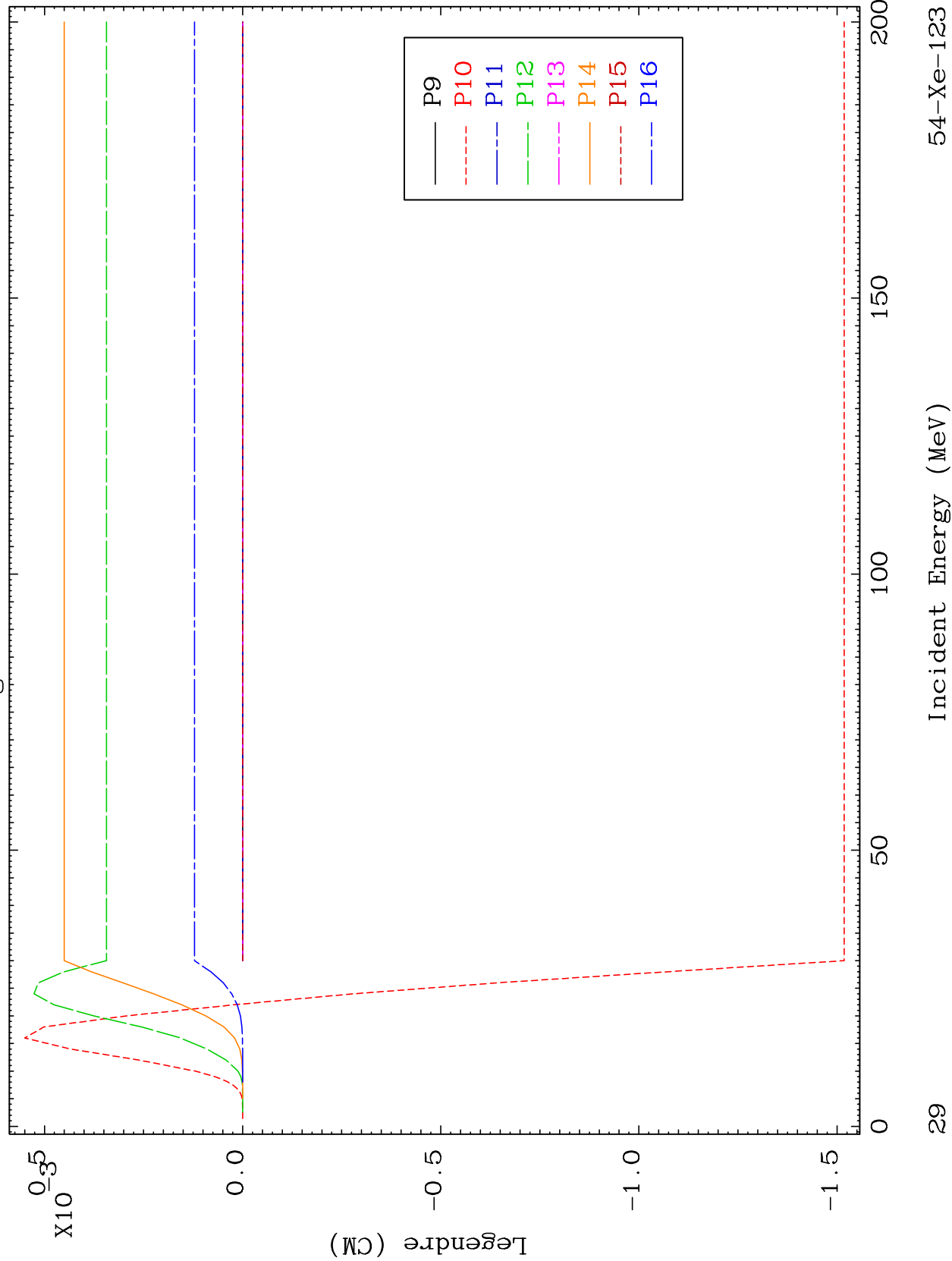
Incident Energy (MeV)

28

MAT 5422

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

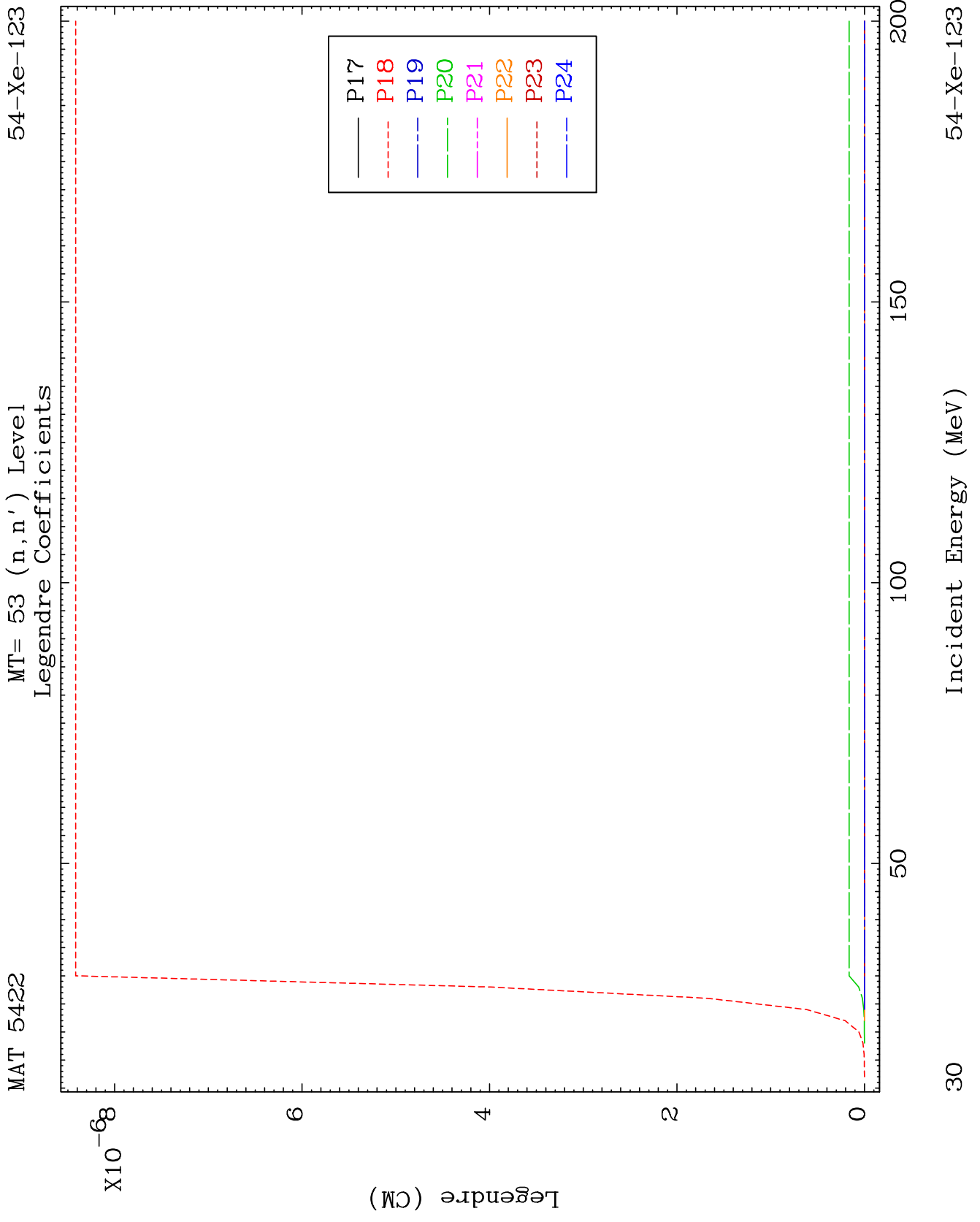
54-Xe-123



29

Incident Energy (MeV)

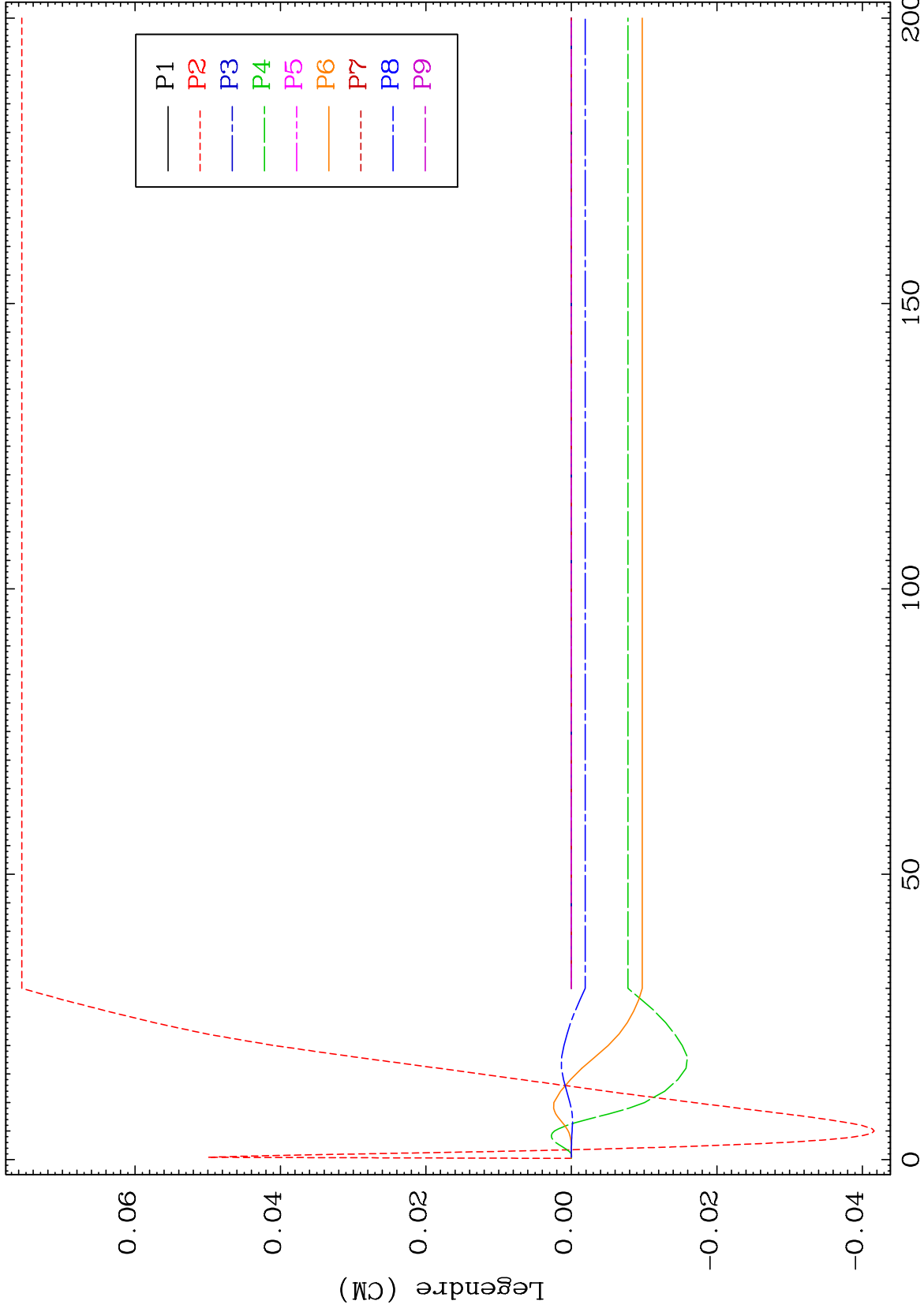
54-Xe-123



MAT 5422

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

54-Xe-123



31

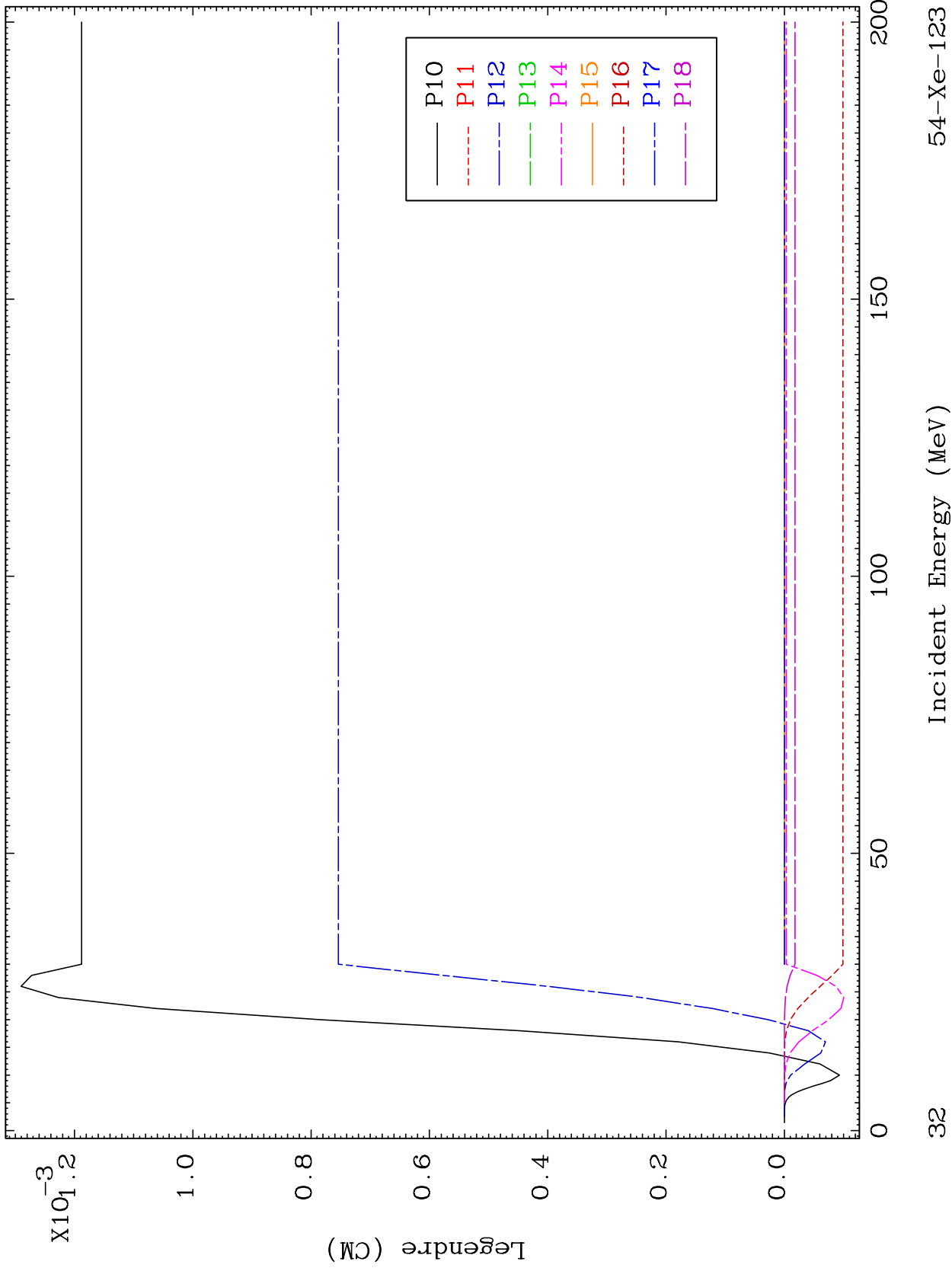
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



32

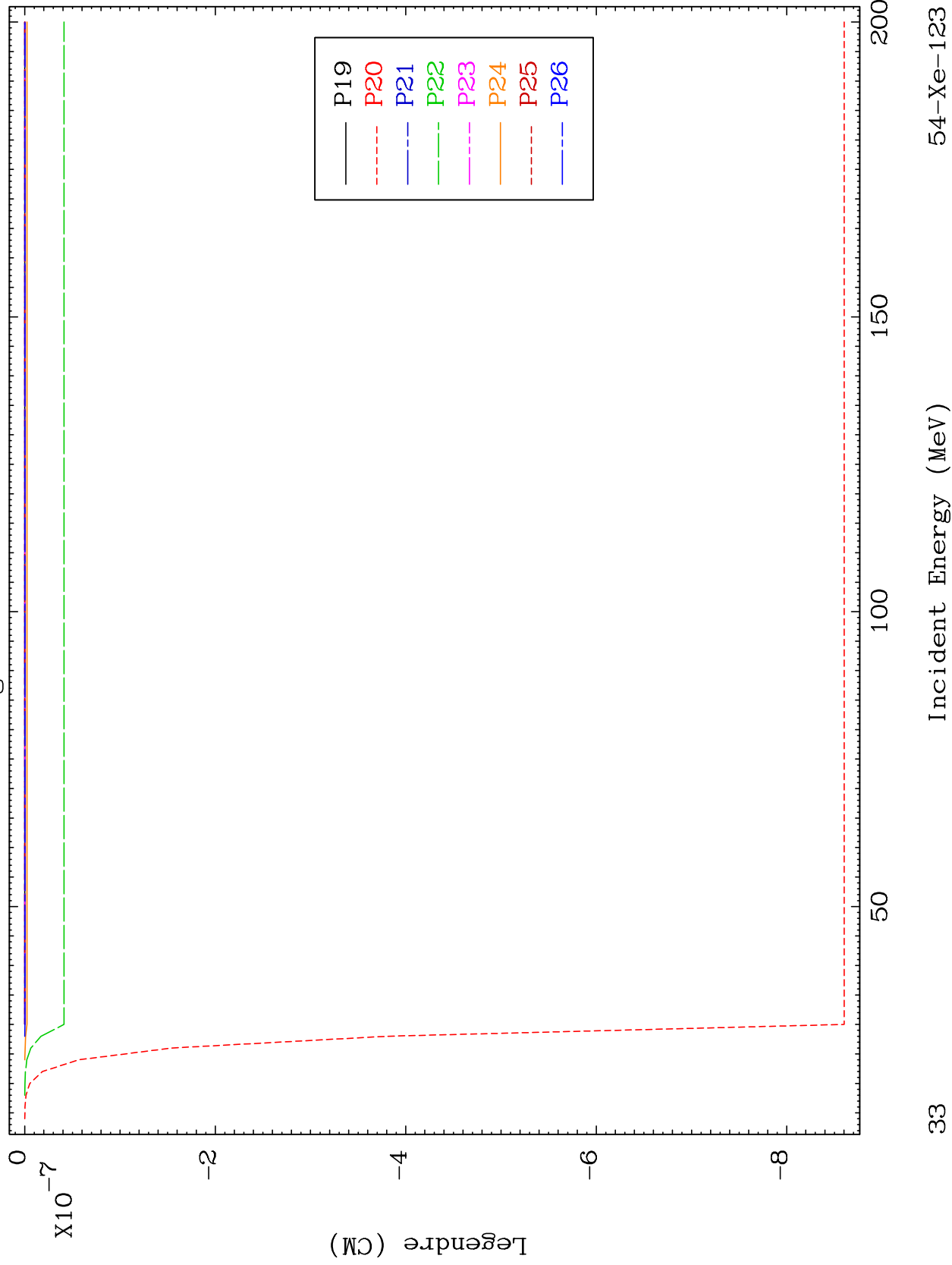
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



33

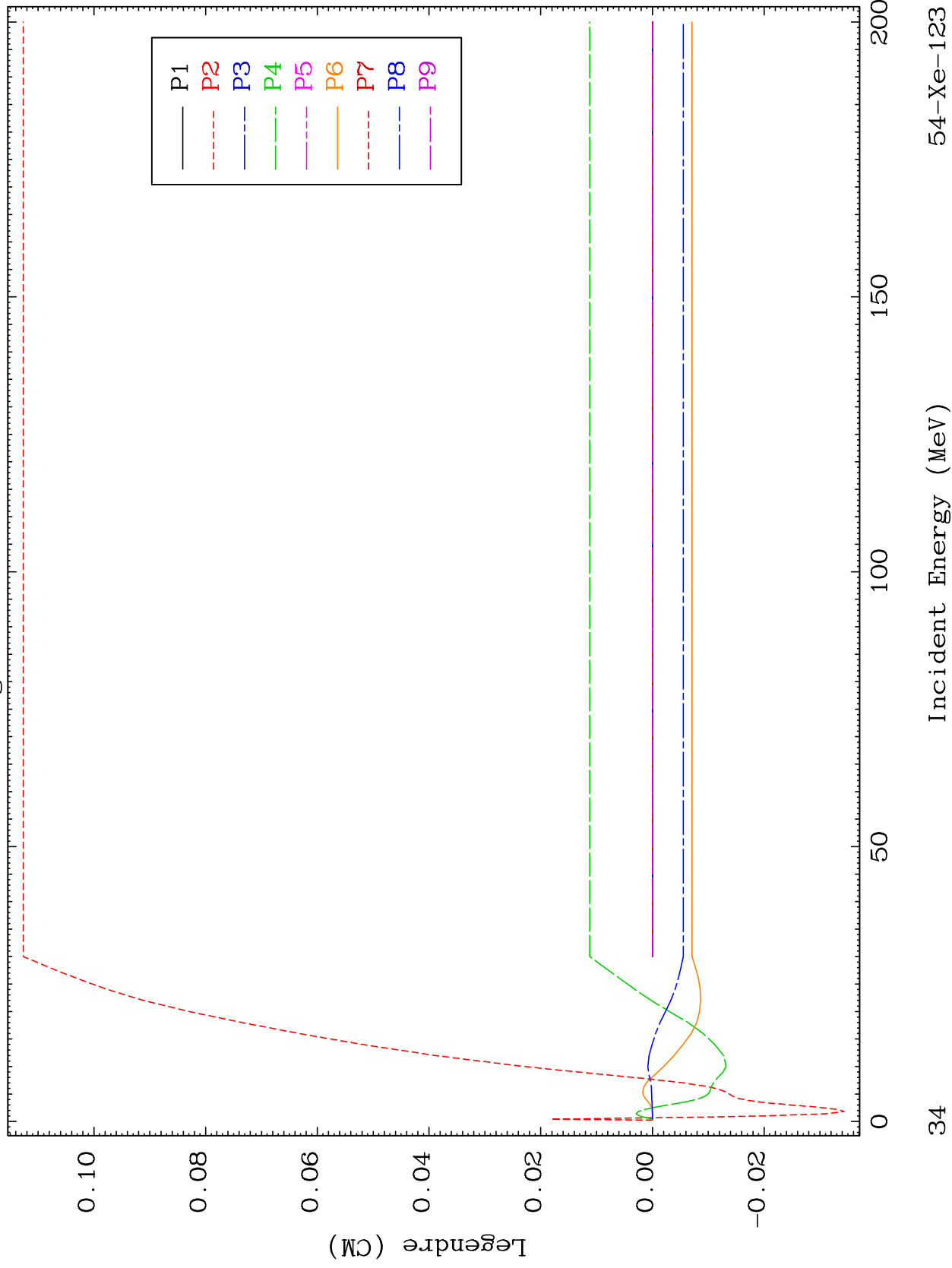
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123

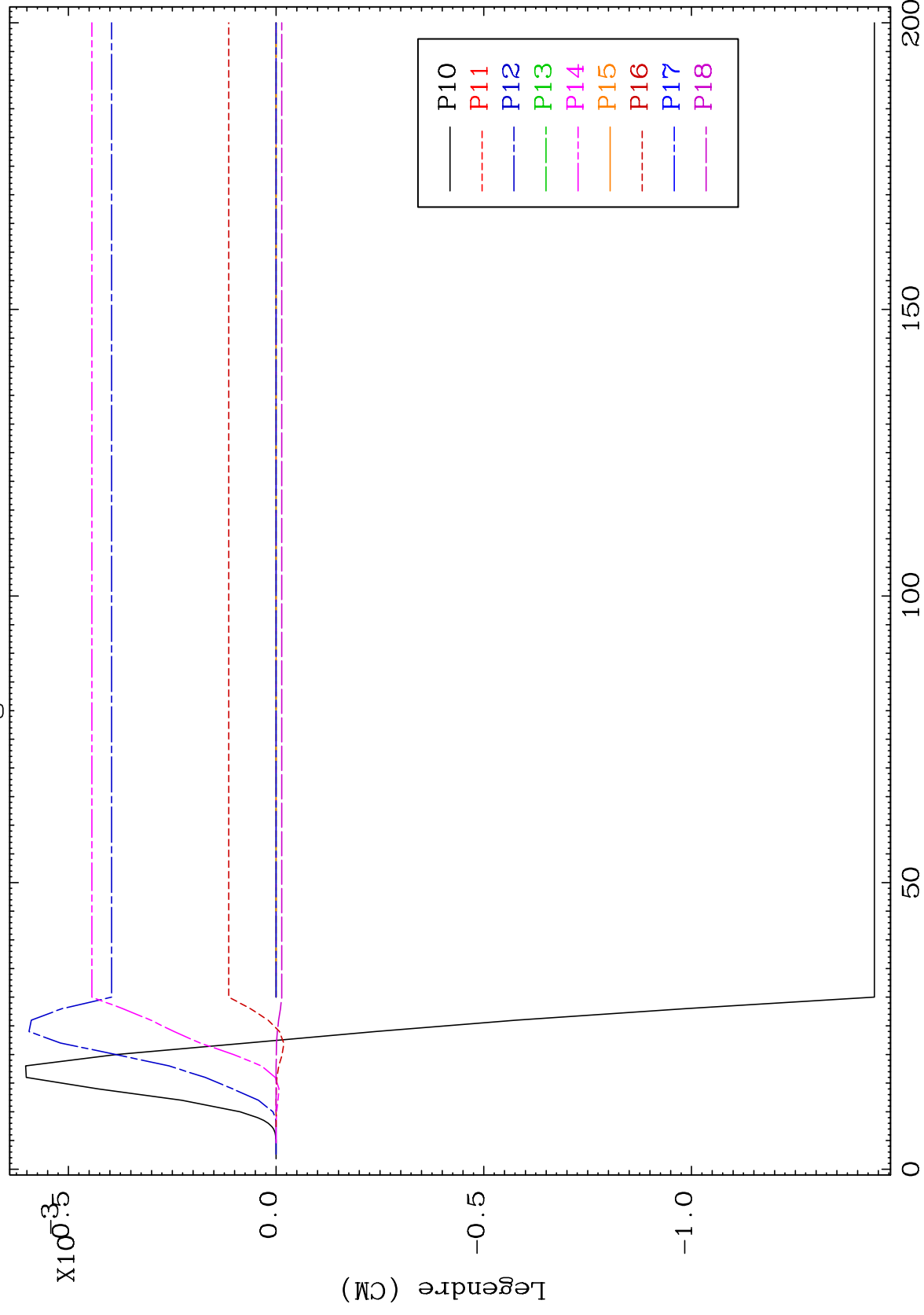


34

MAT 5422

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

54-Xe-123



35

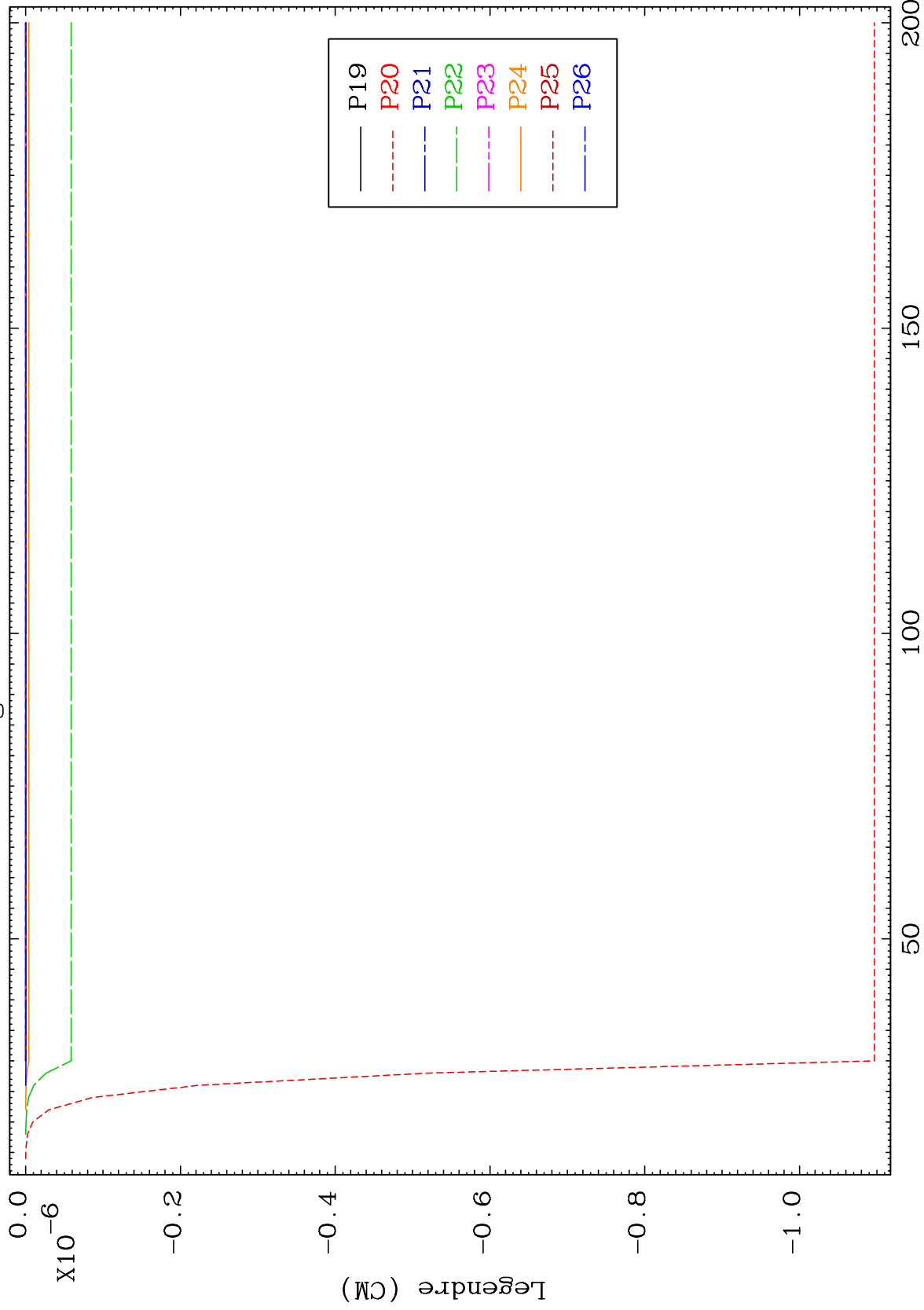
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



36

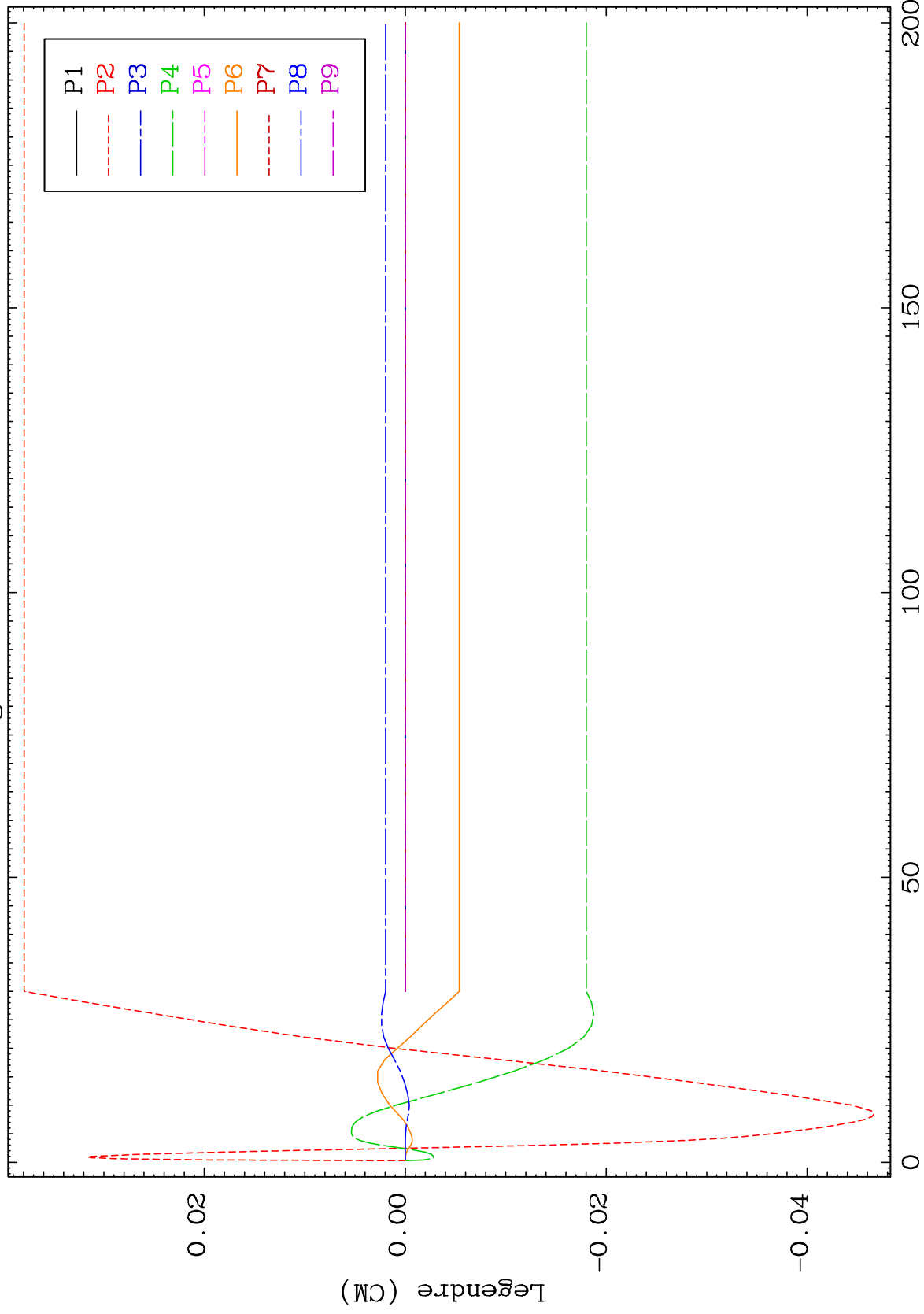
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



37

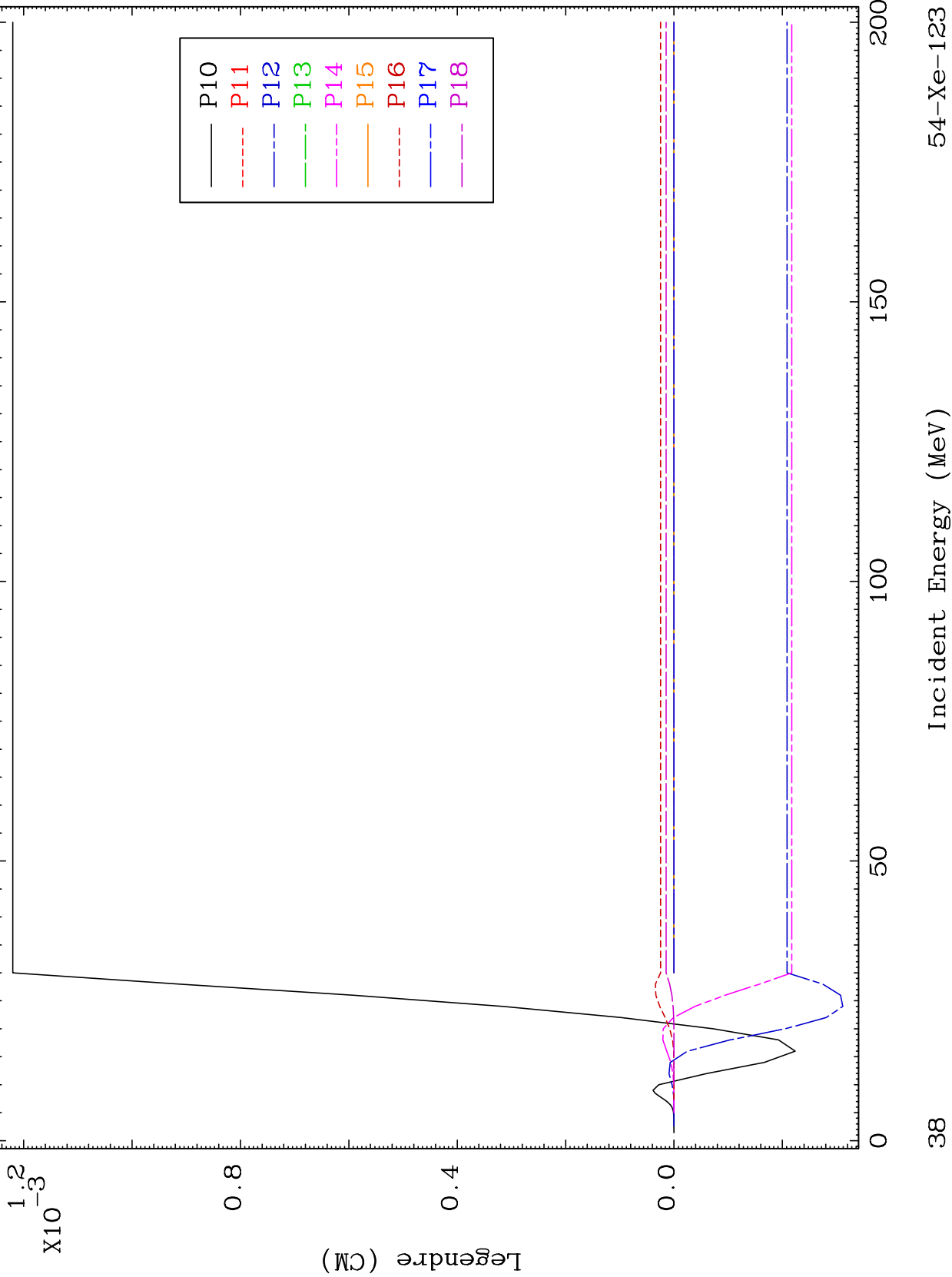
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

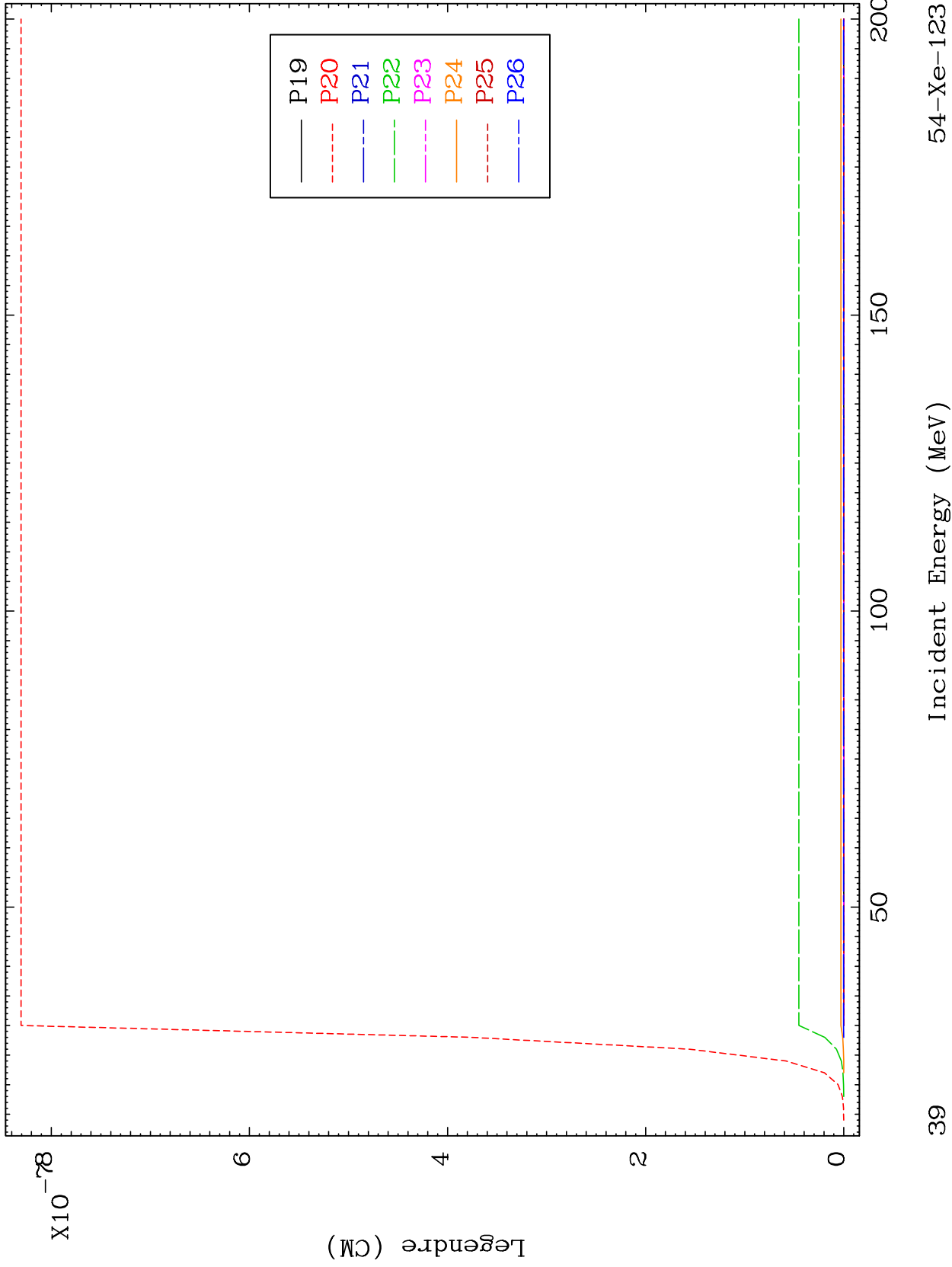
54-Xe-123



MAT 5422

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

54-Xe-123



54-Xe-123

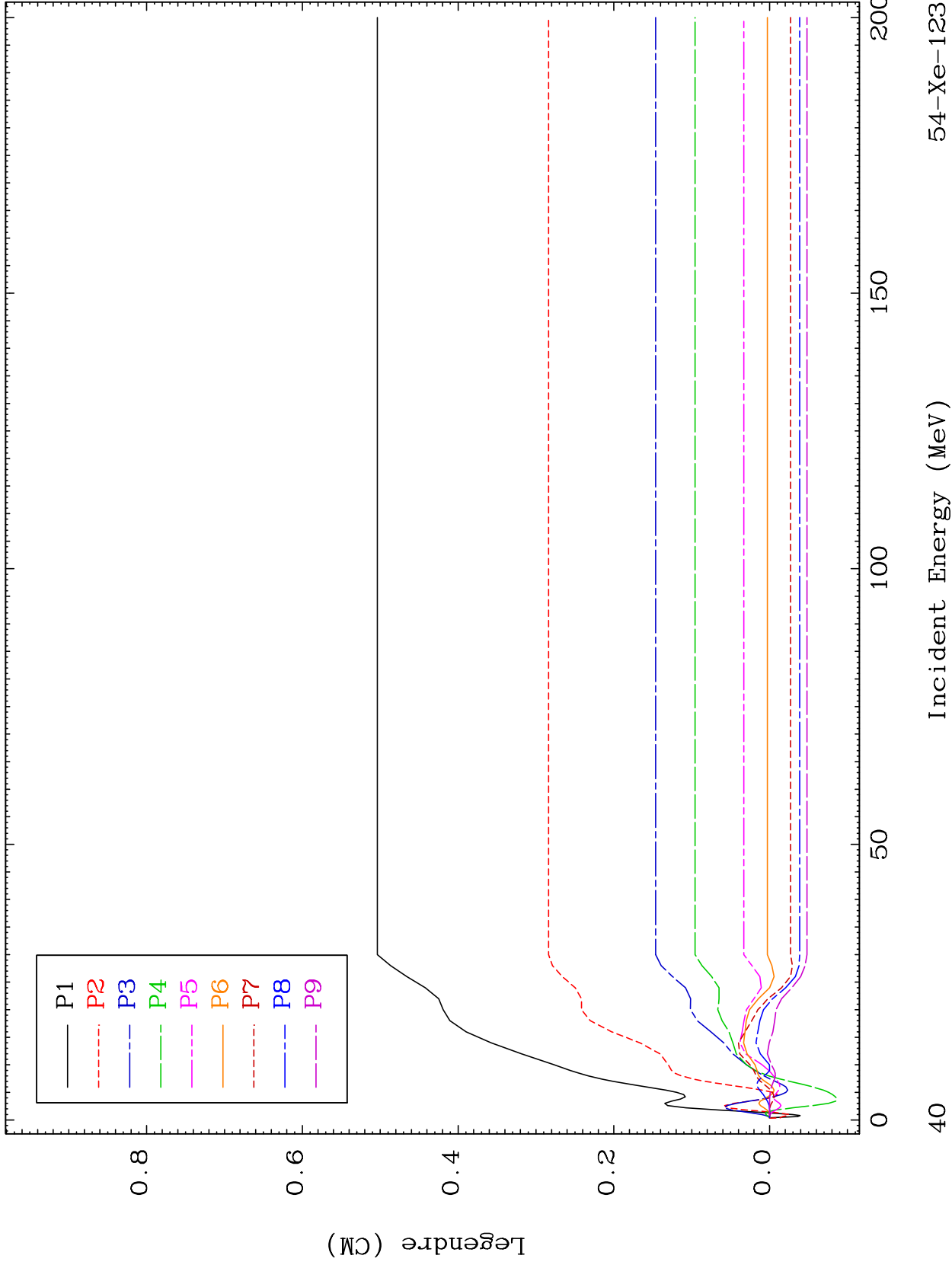
Incident Energy (MeV)

39

MAT 5422

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

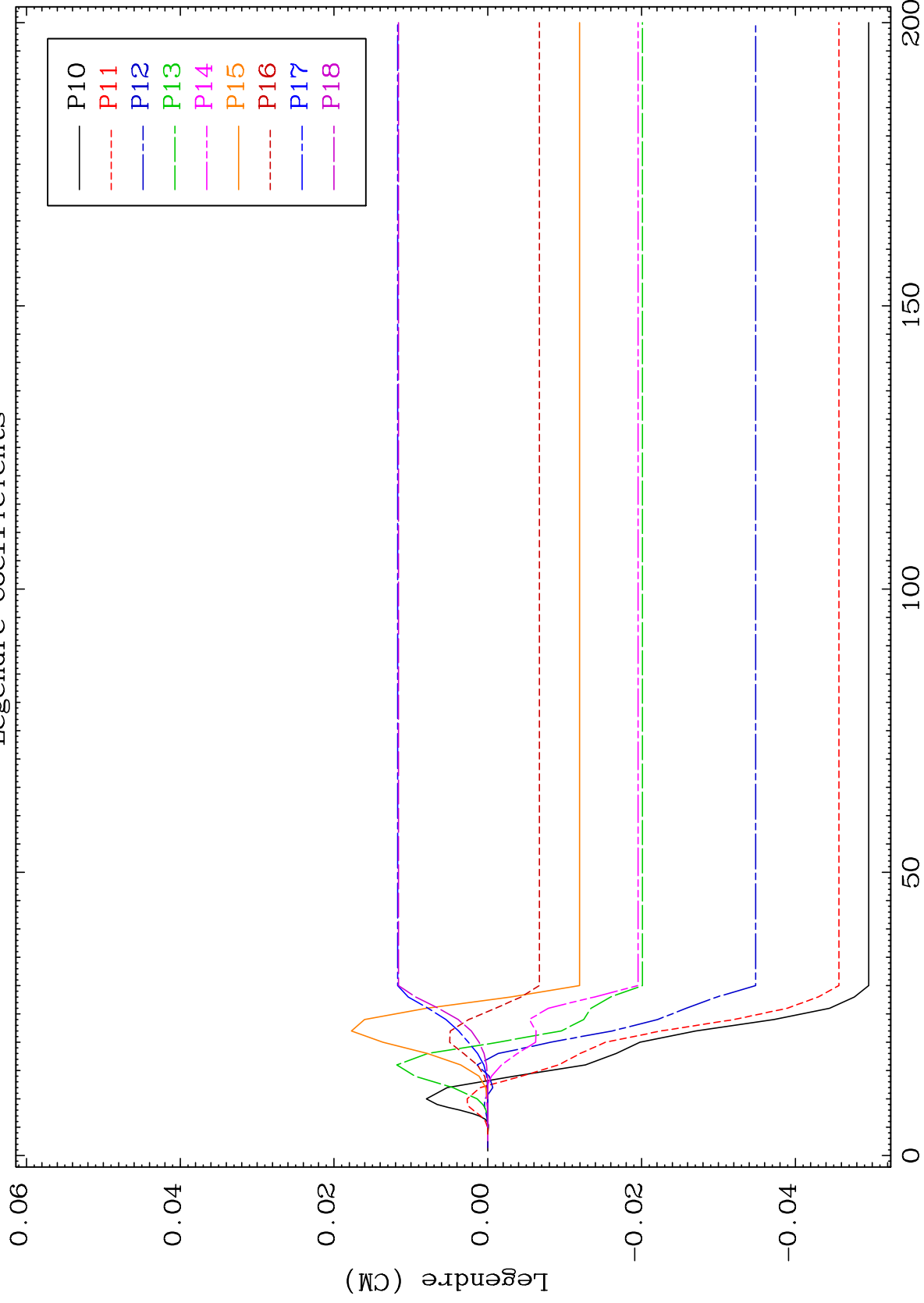
54-Xe-123



MAT 5422

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

54-Xe-123



41

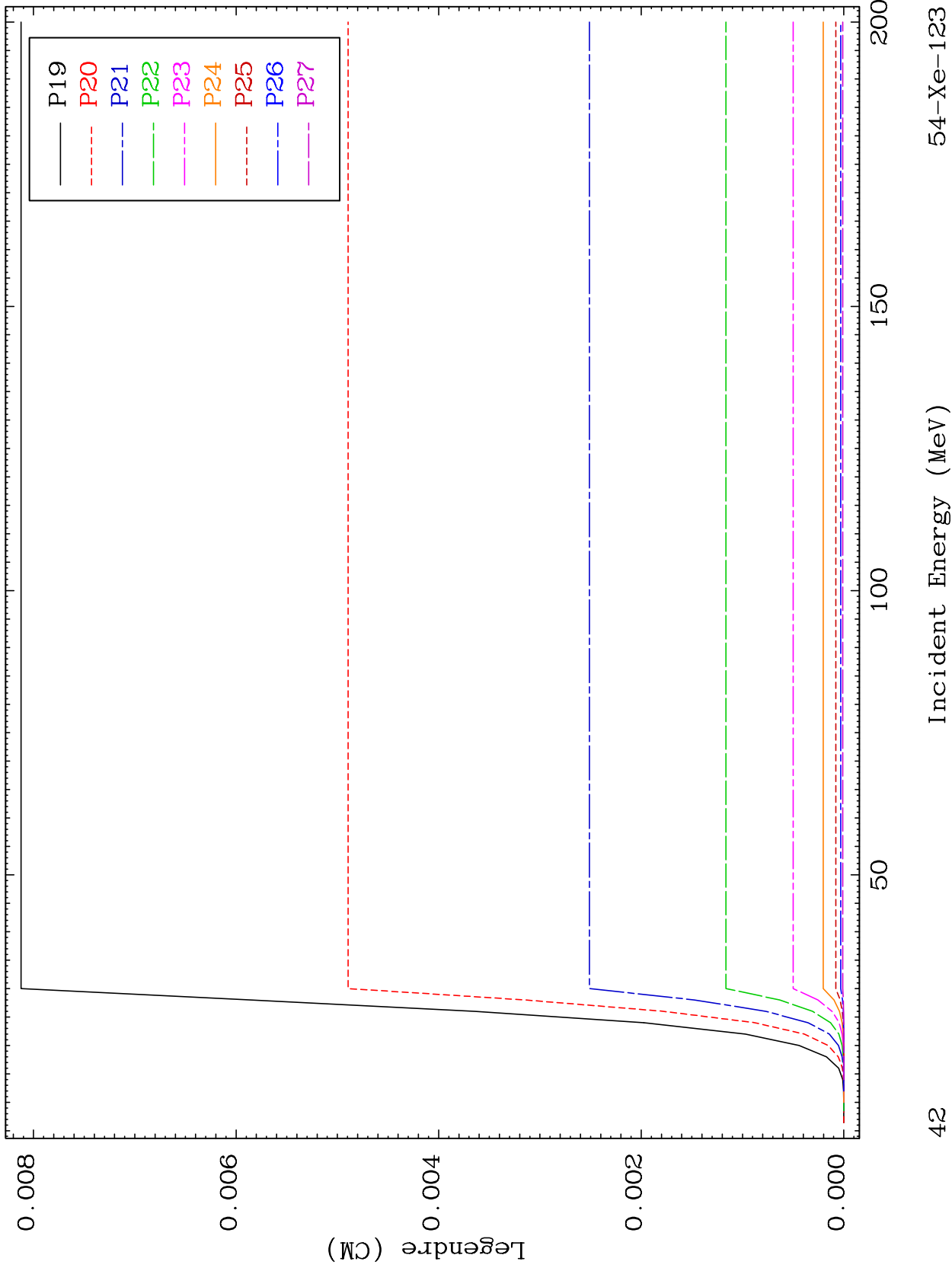
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



42

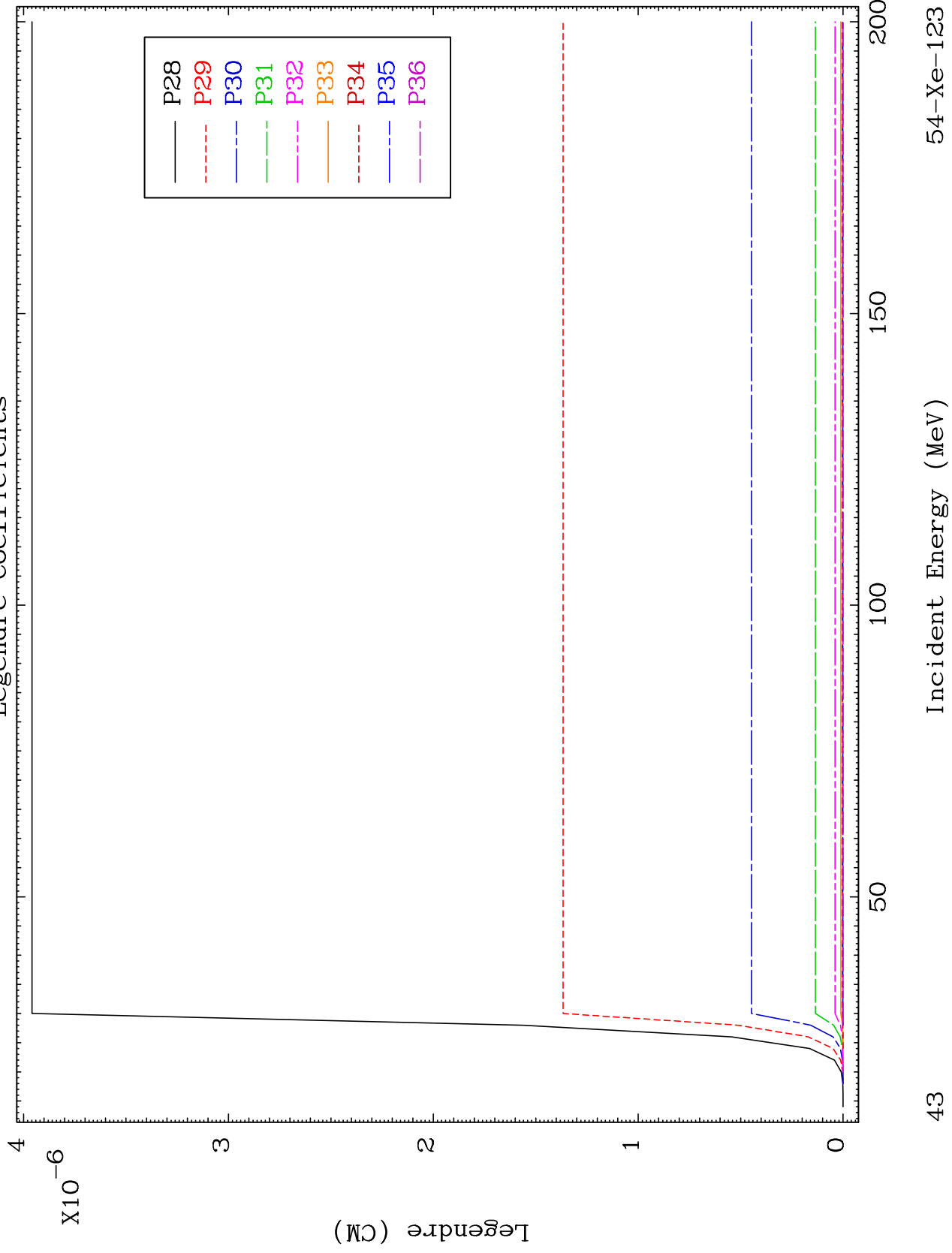
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

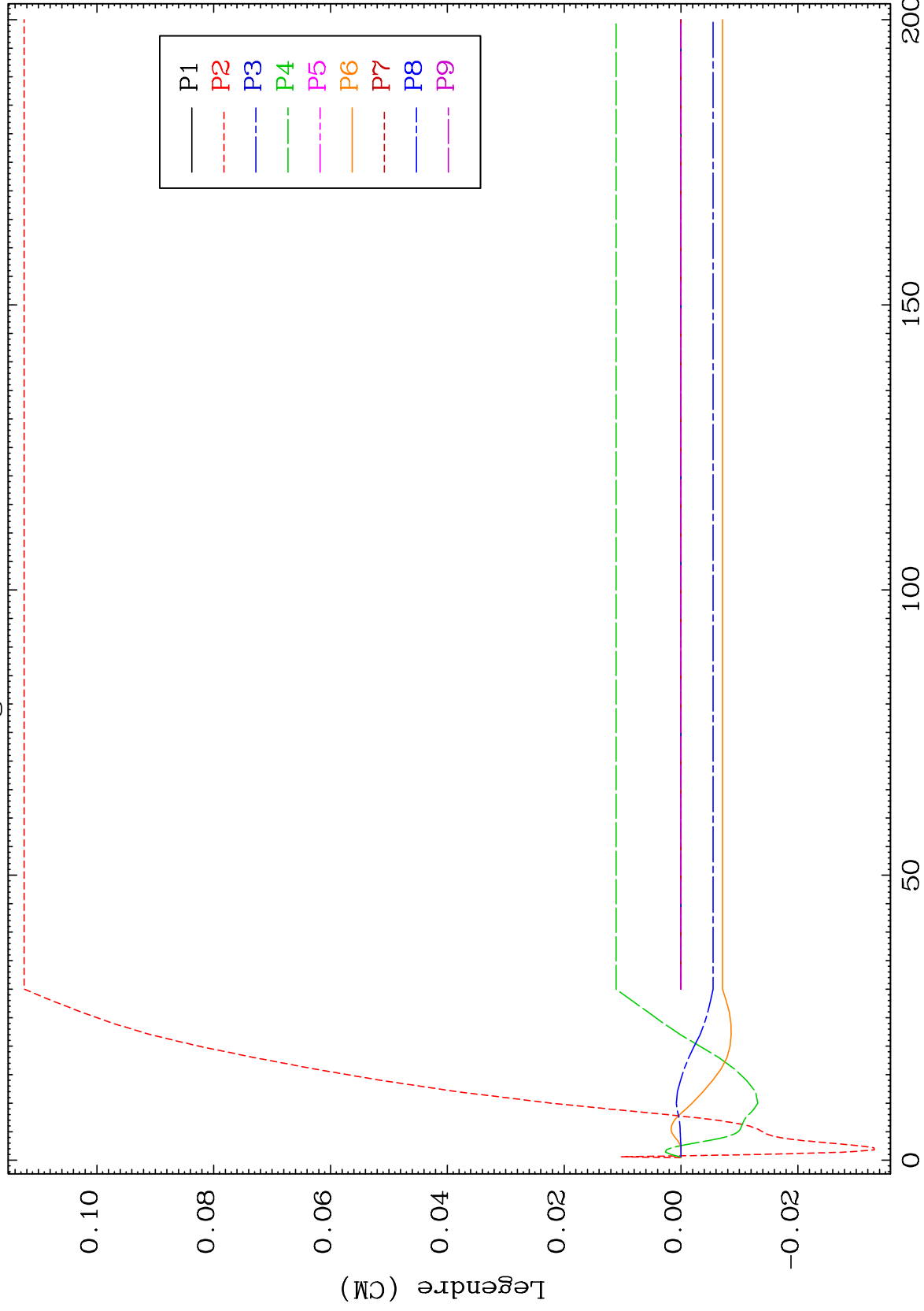
54-Xe-123



MAT 5422

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

54-Xe-123



54-Xe-123

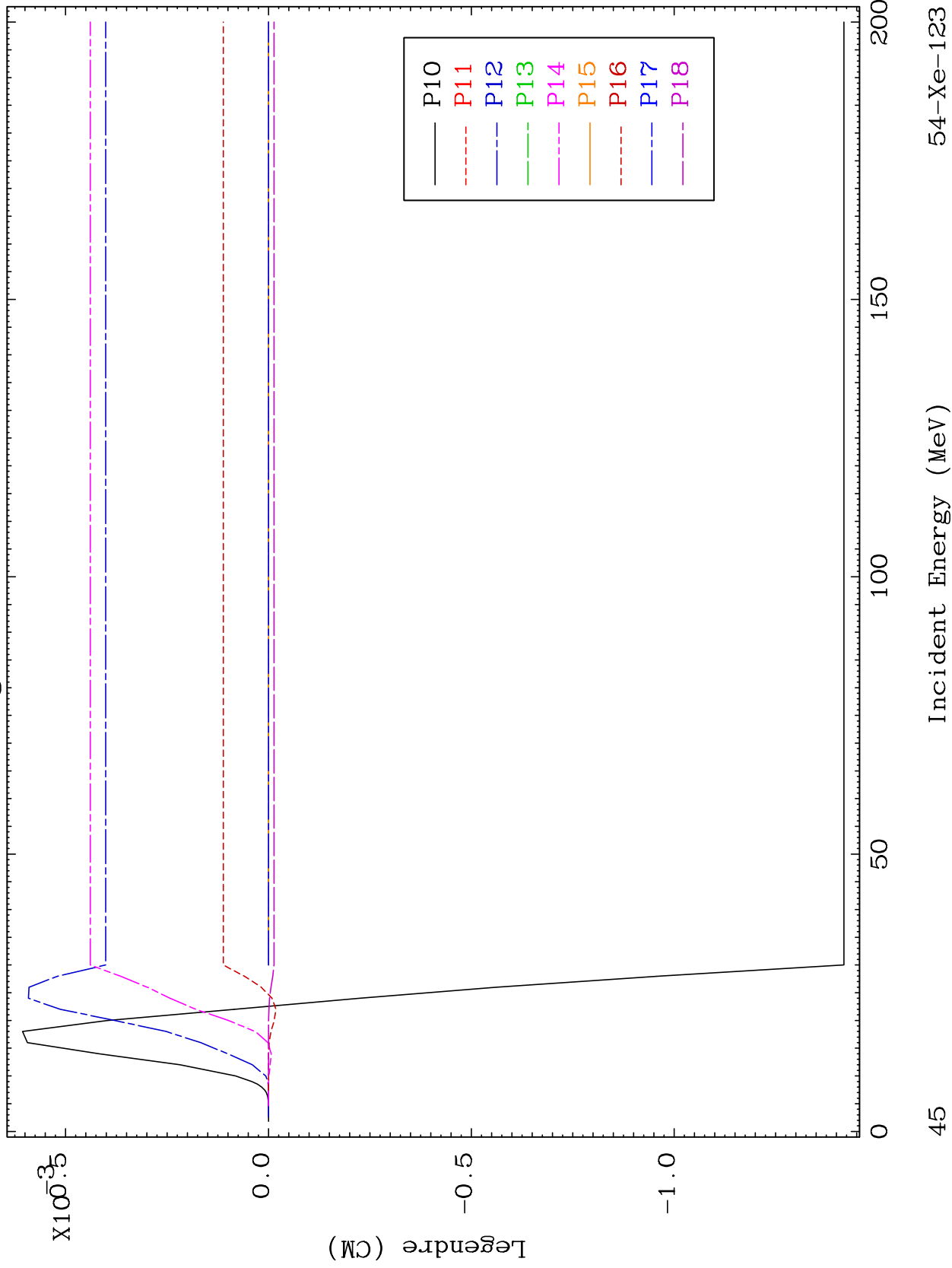
Incident Energy (MeV)

44

MAT 5422

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

54-Xe-123



54-Xe-123

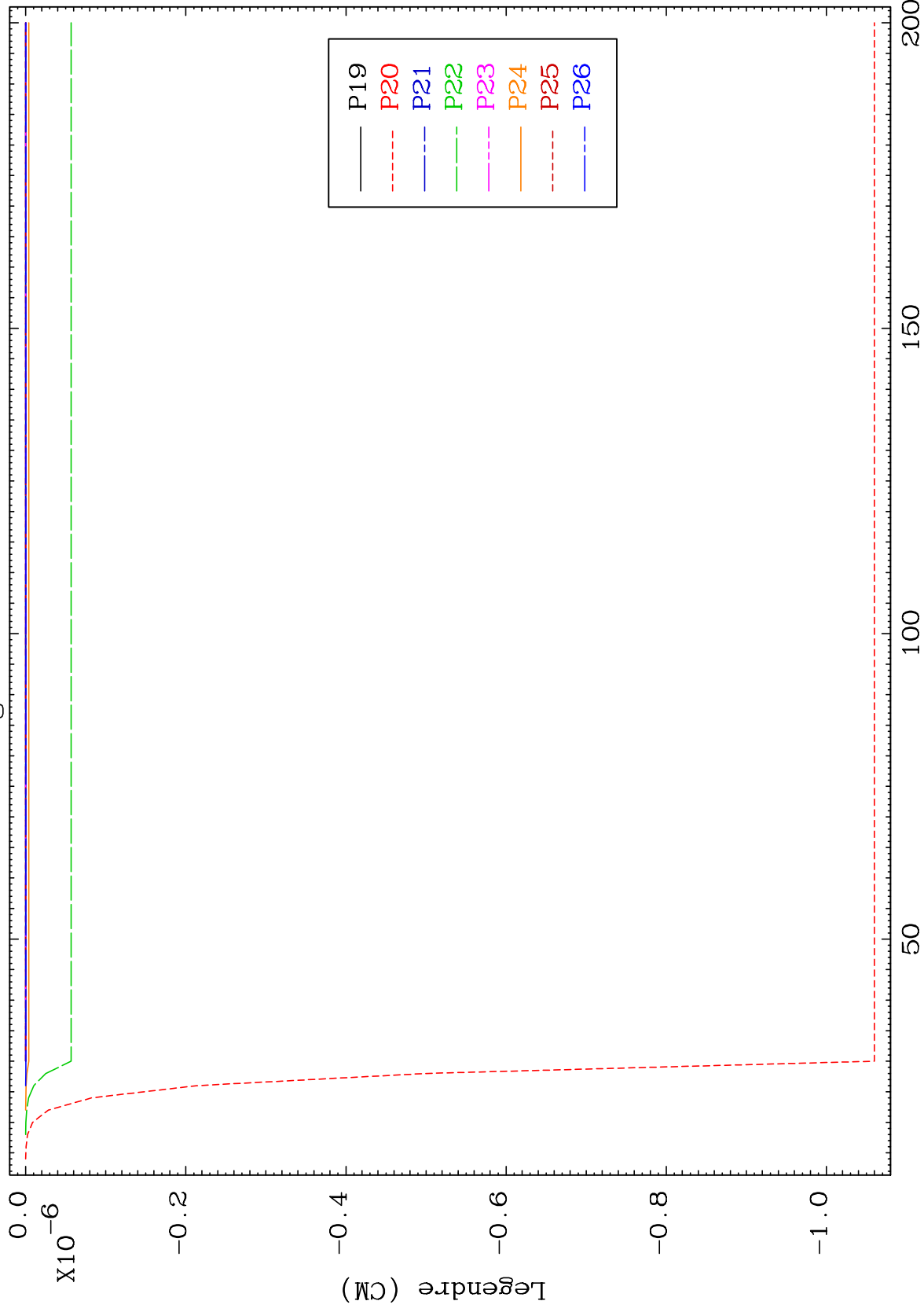
Incident Energy (MeV)

45

MAT 5422

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

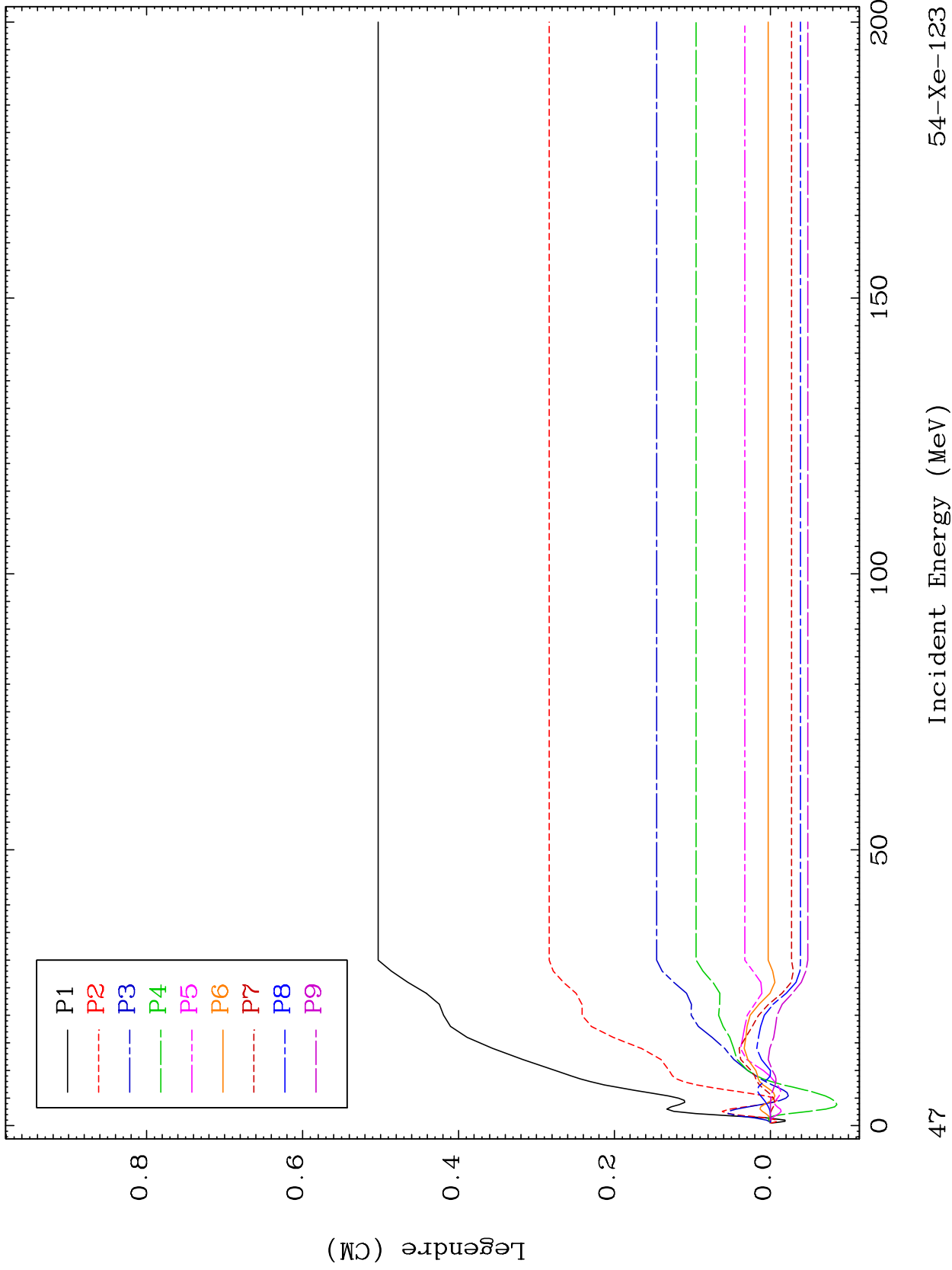
54-Xe-123



46

Incident Energy (MeV)

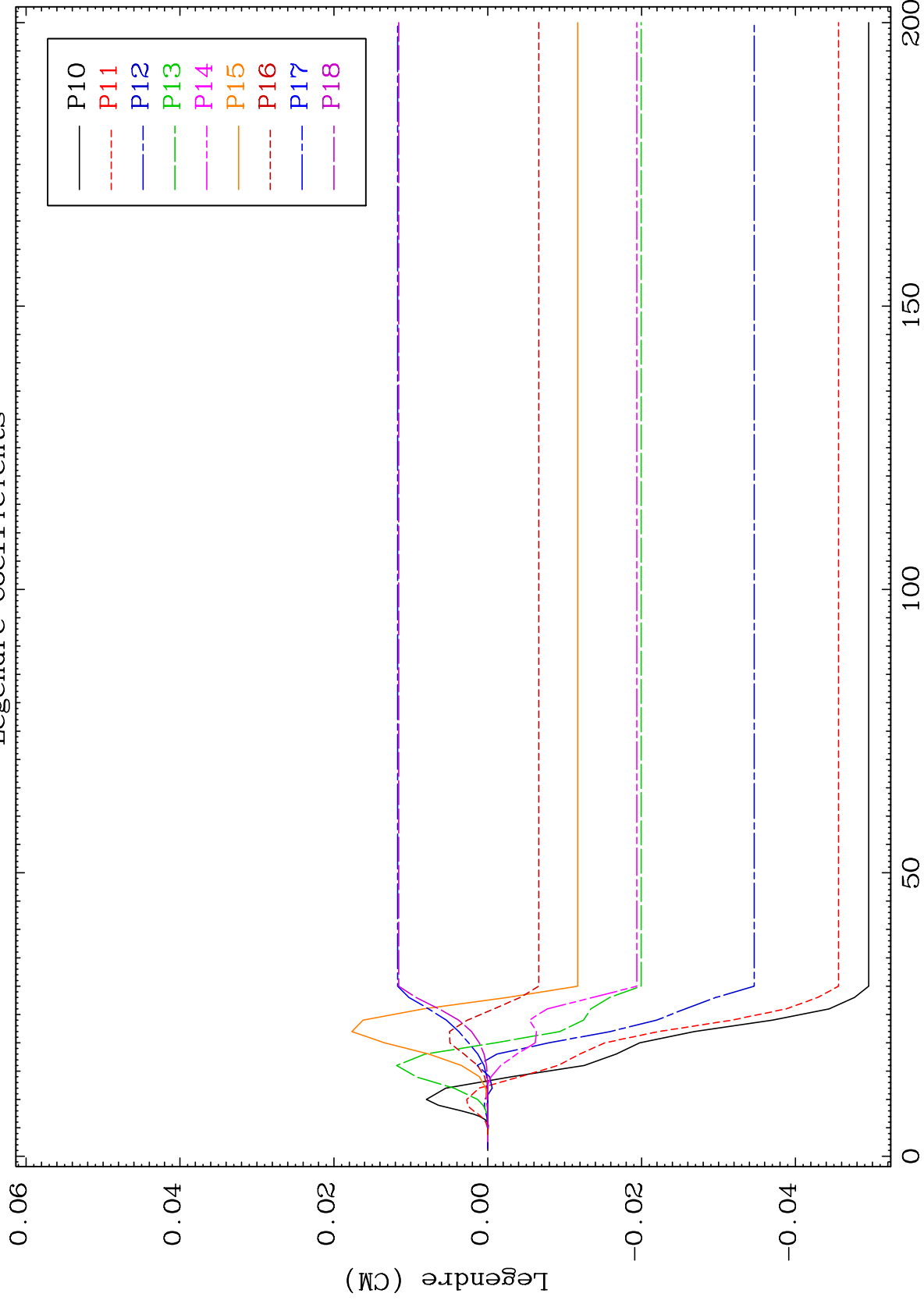
54-Xe-123



MAT 5422

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

54-Xe-123



48

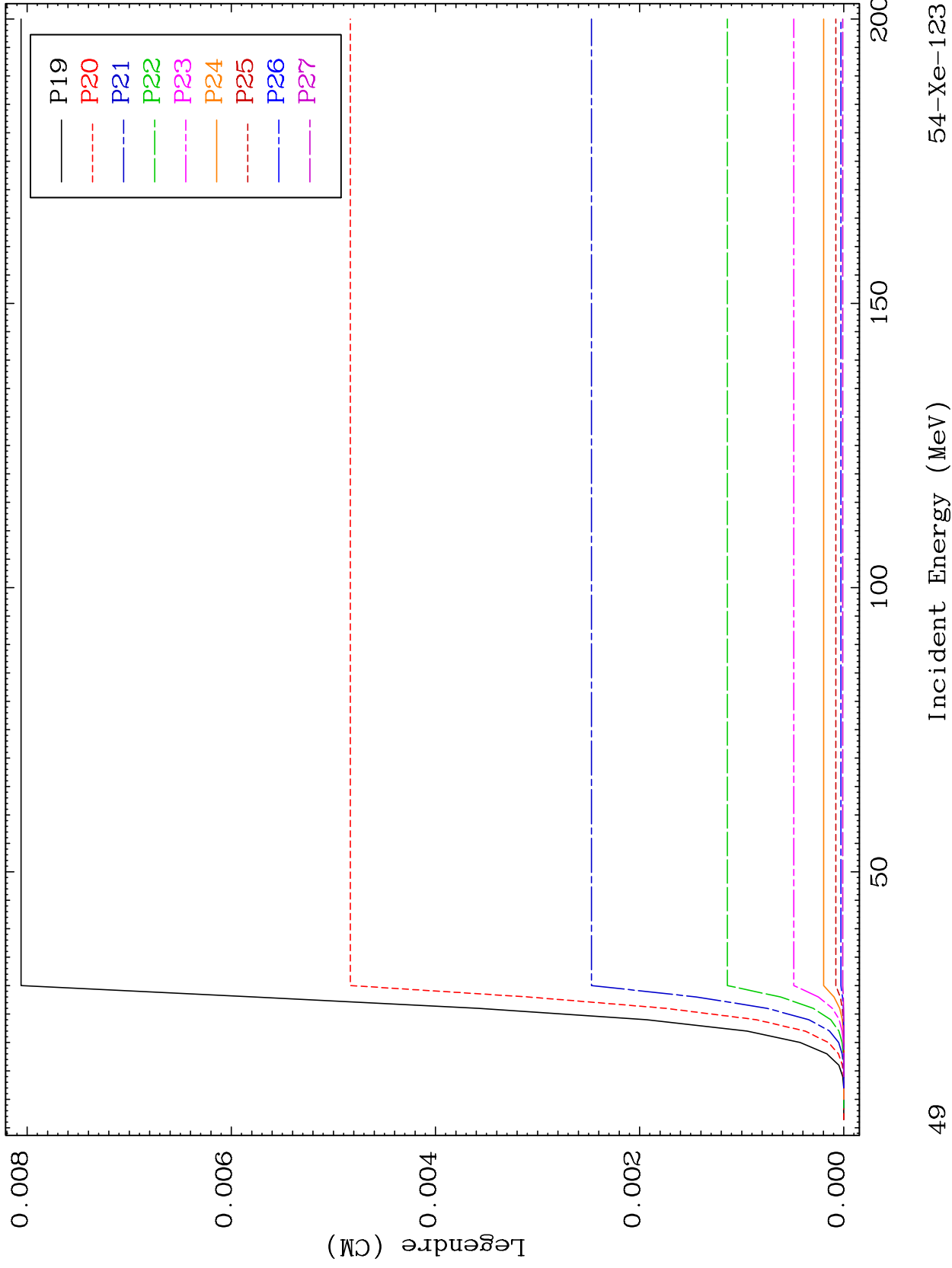
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



49

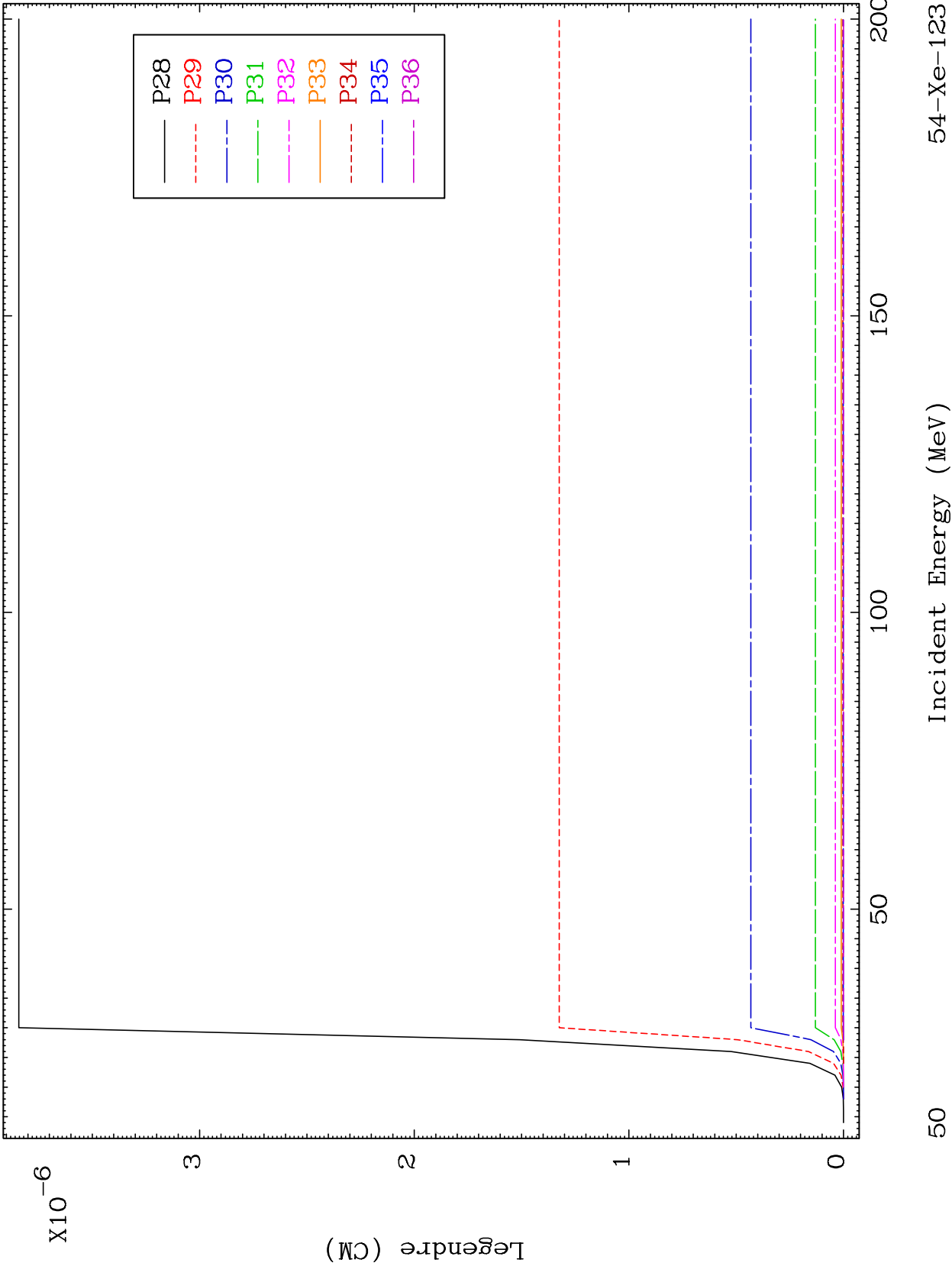
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

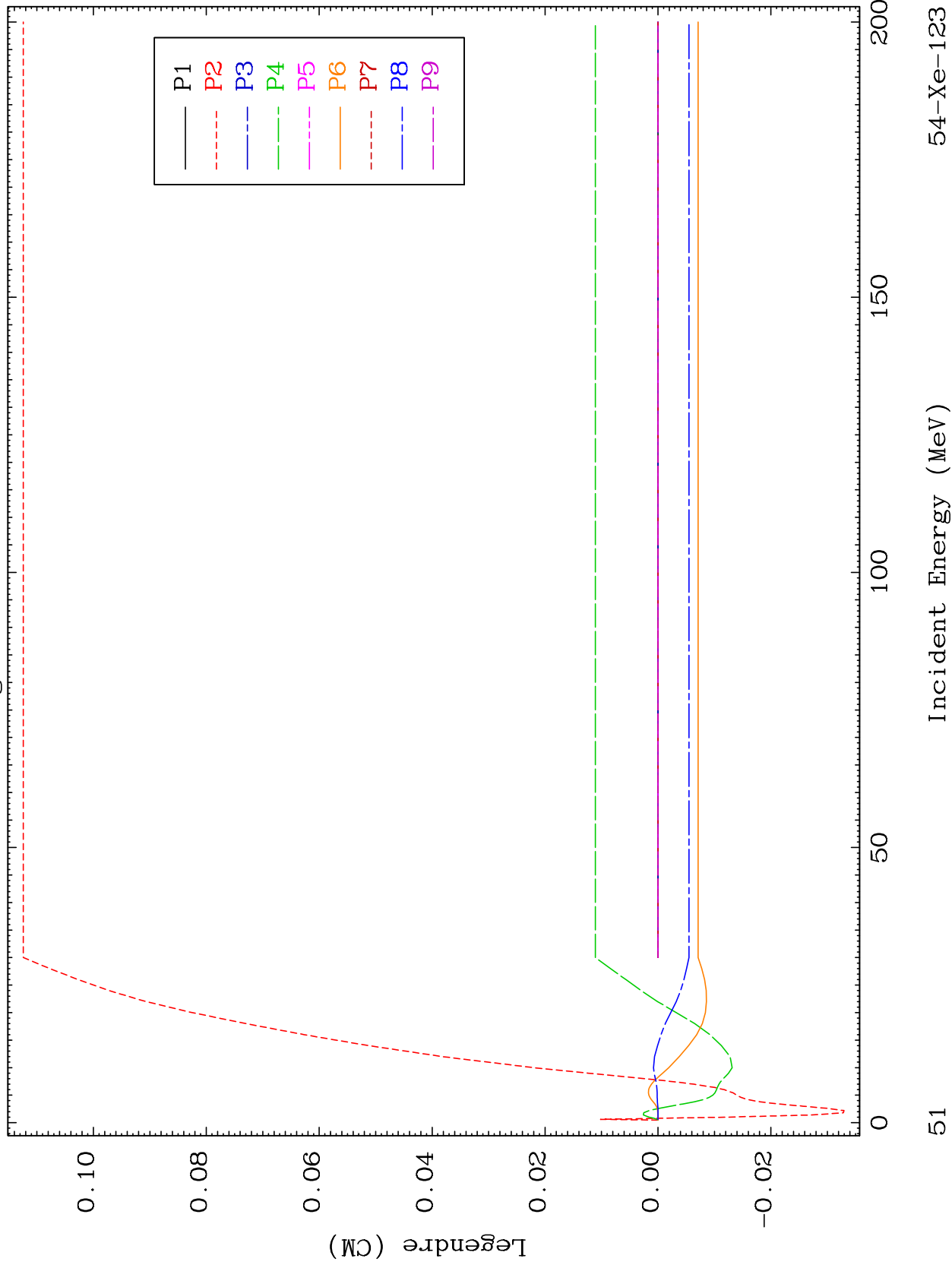
54-Xe-123



MAT 5422

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

54-Xe-123



54-Xe-123

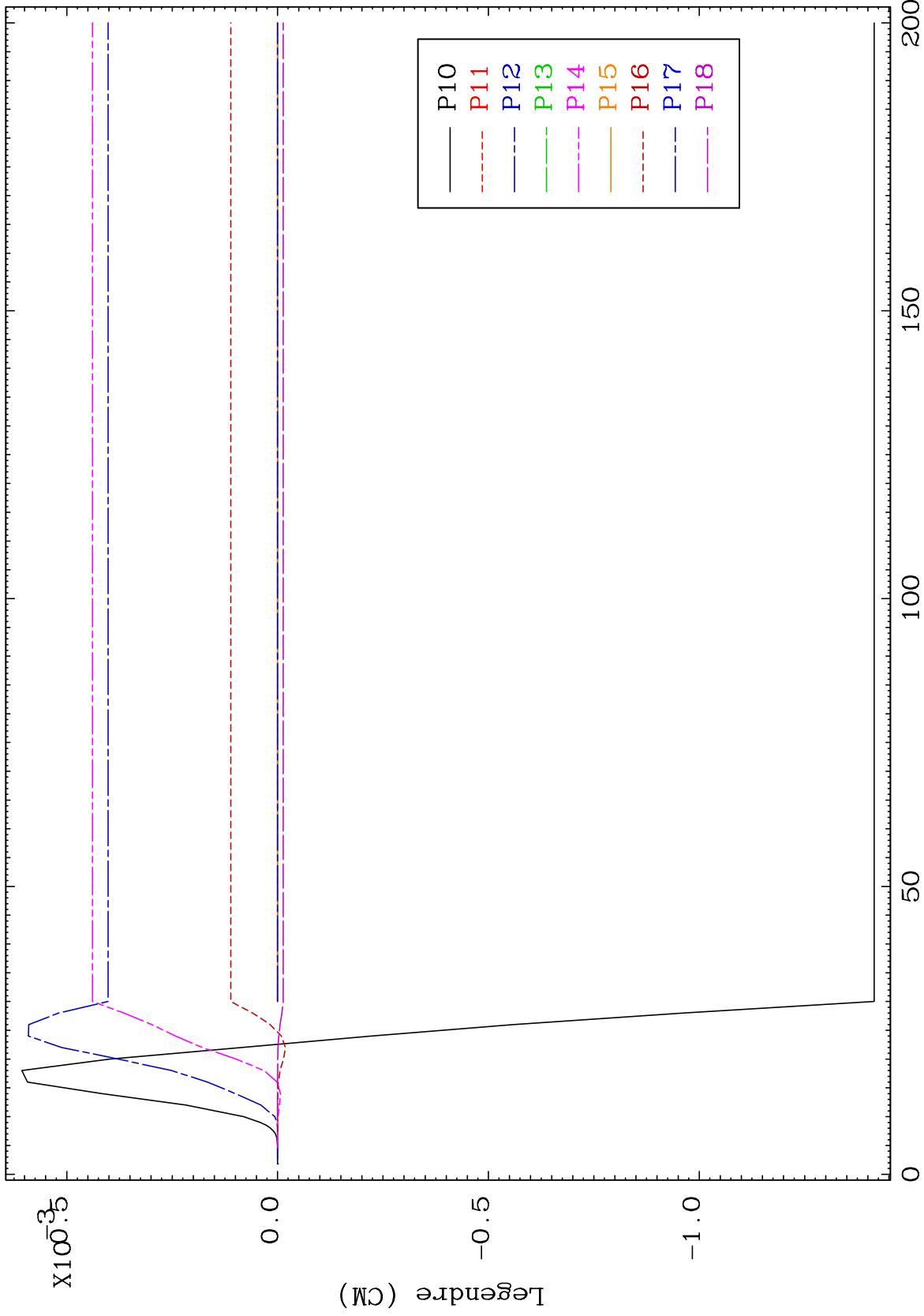
Incident Energy (MeV)

51

MAT 5422

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

54-Xe-123



52

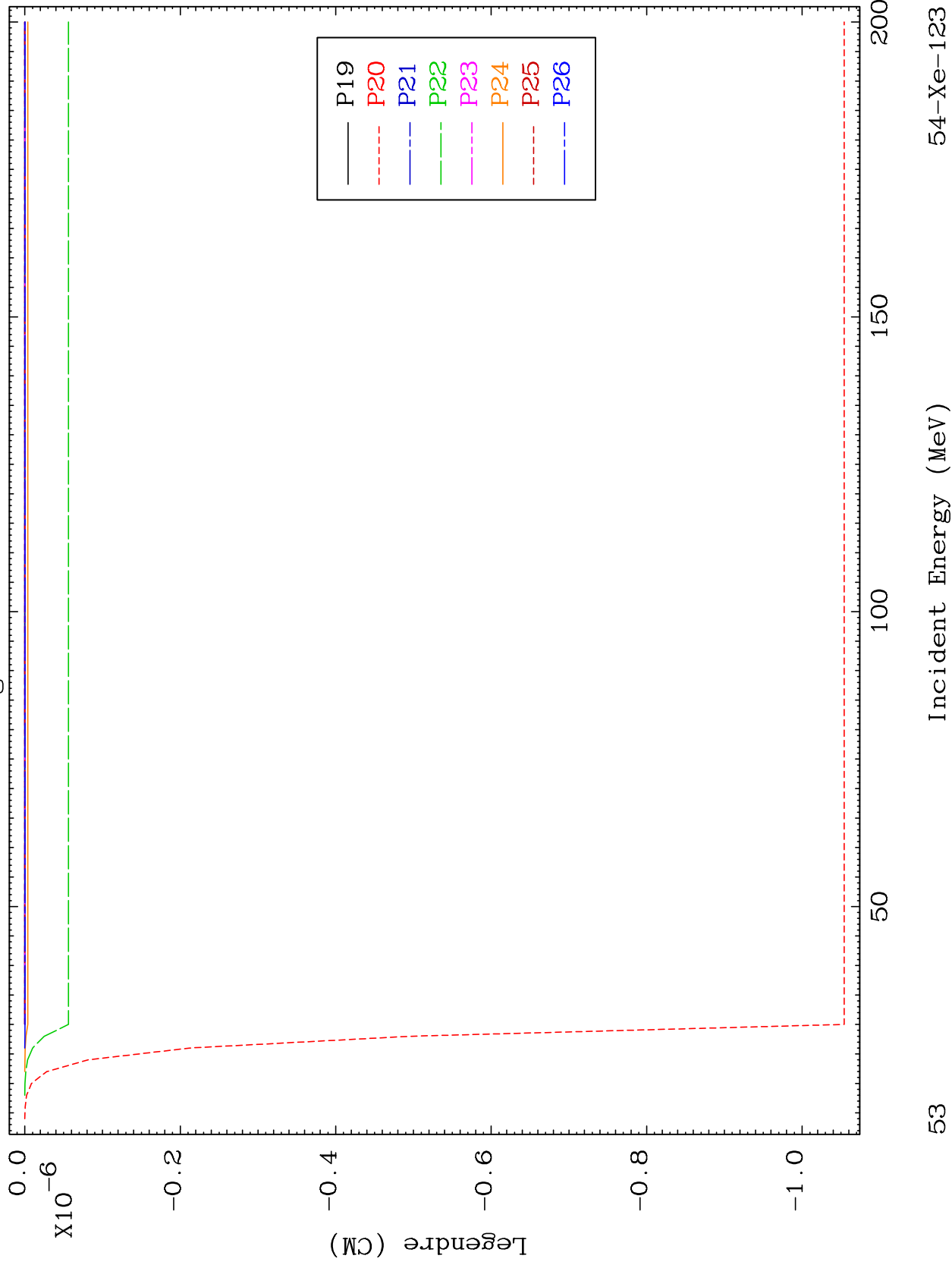
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



53

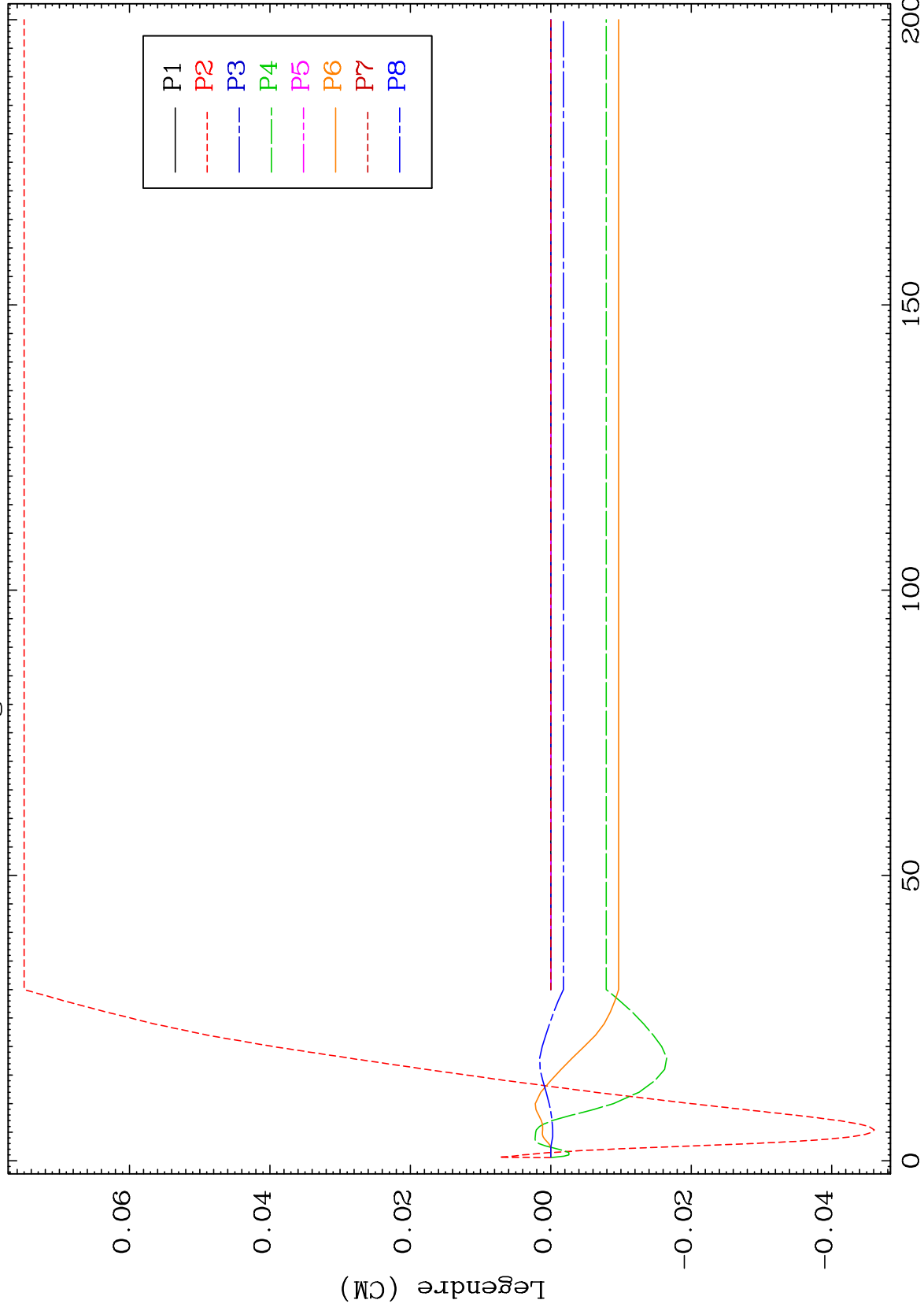
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



54

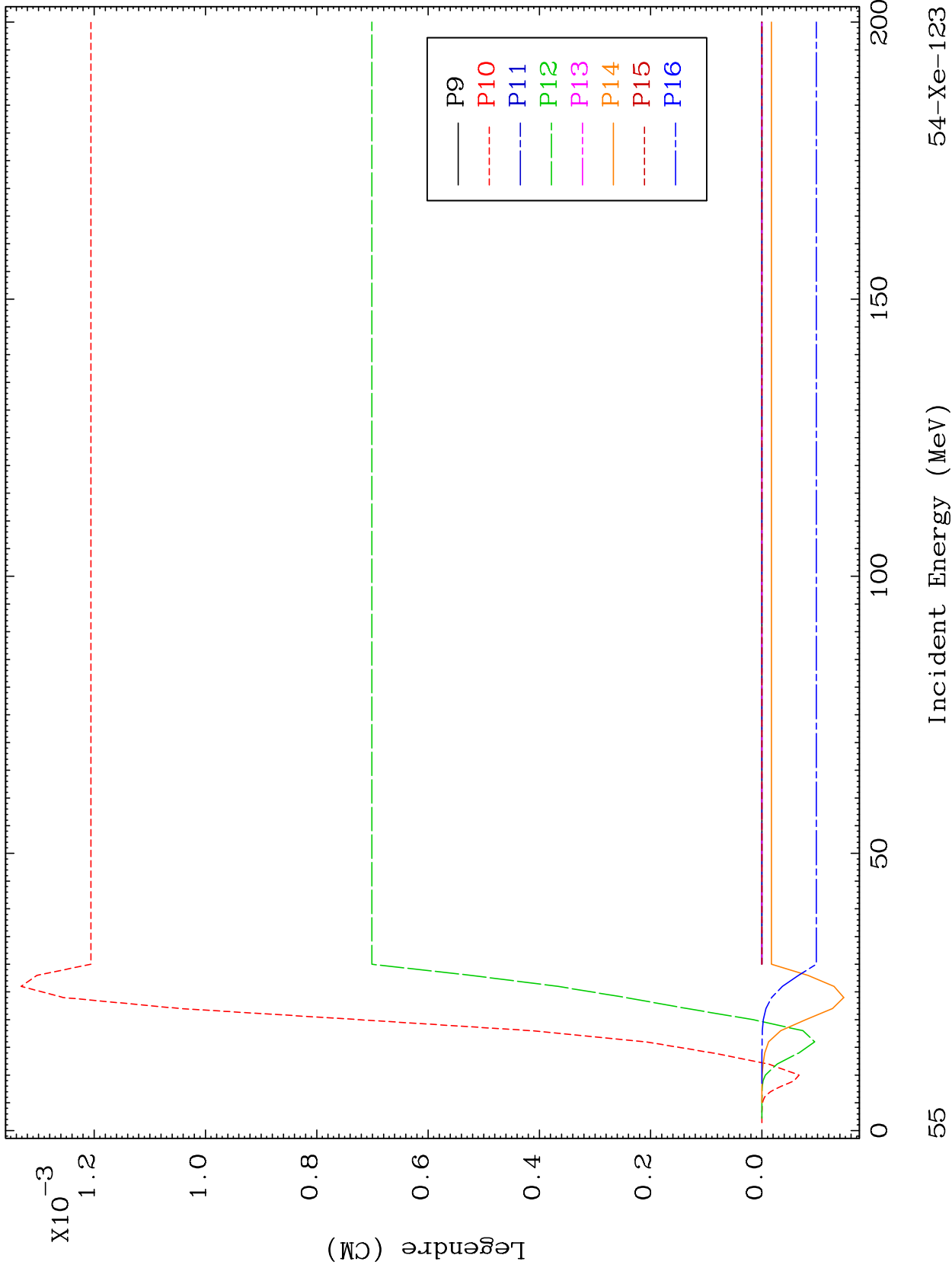
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123

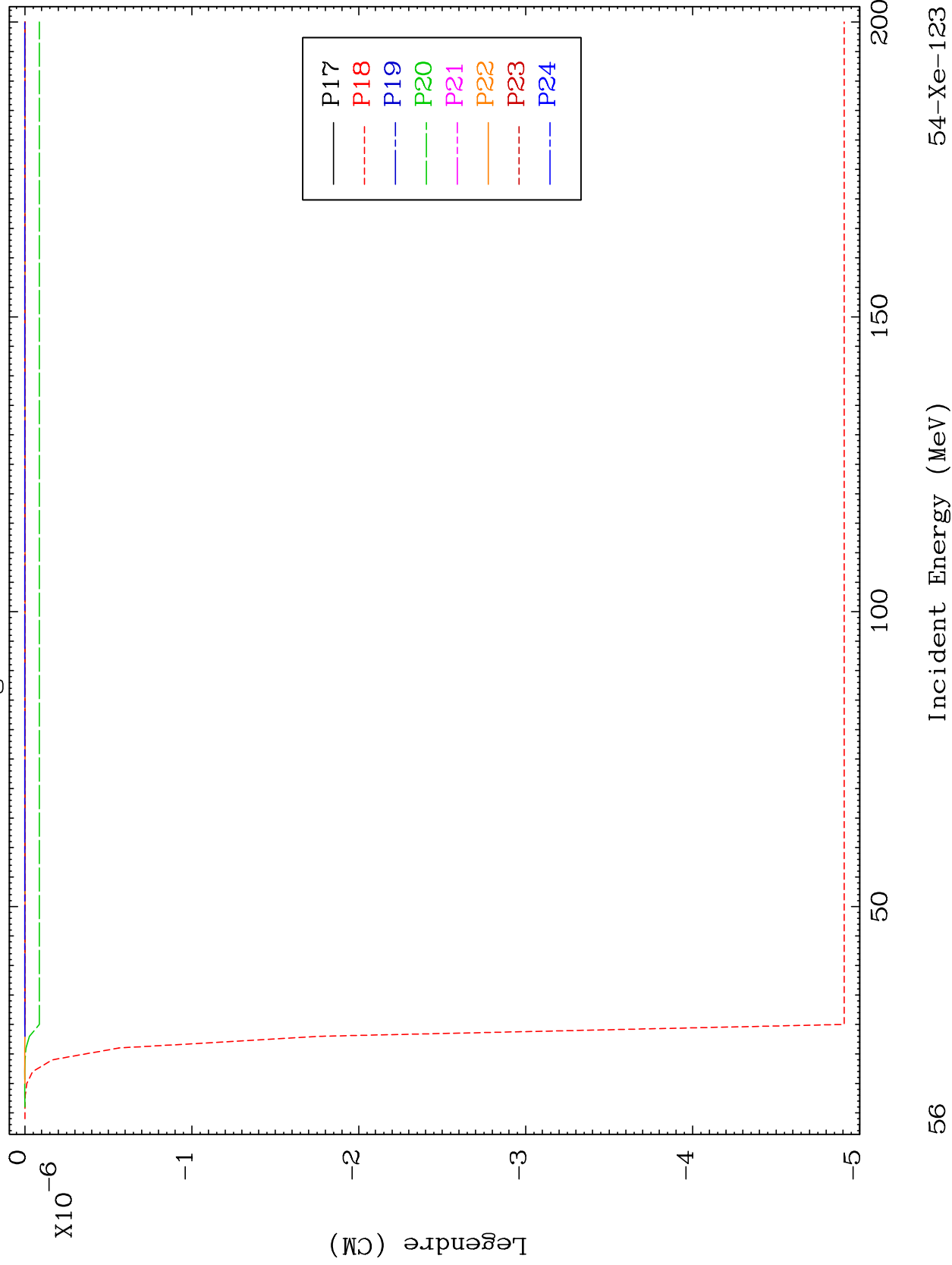


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MAT 5422

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

54-Xe-123



54-Xe-123

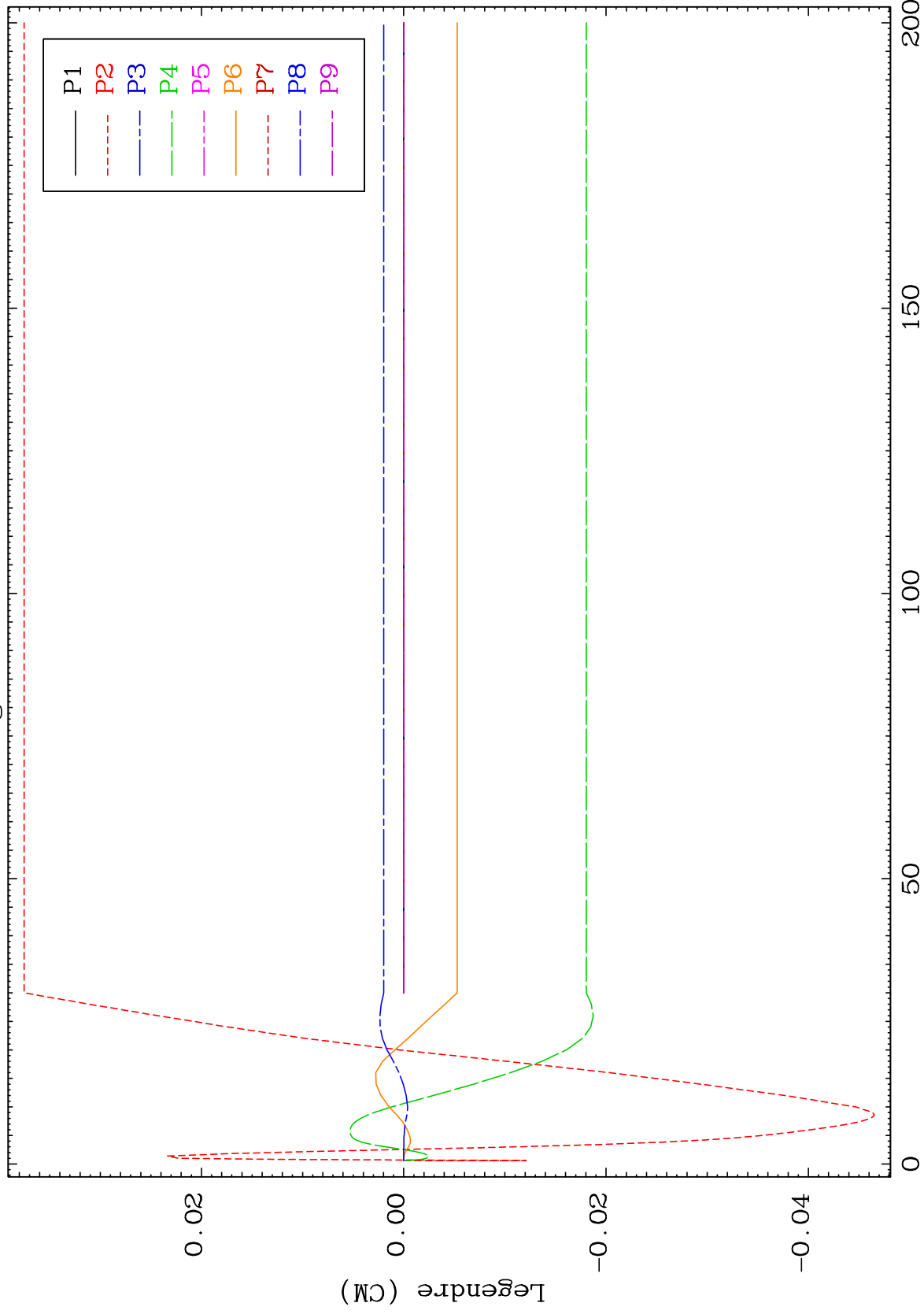
Incident Energy (MeV)

56

MAT 5422

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

54-Xe-123



57

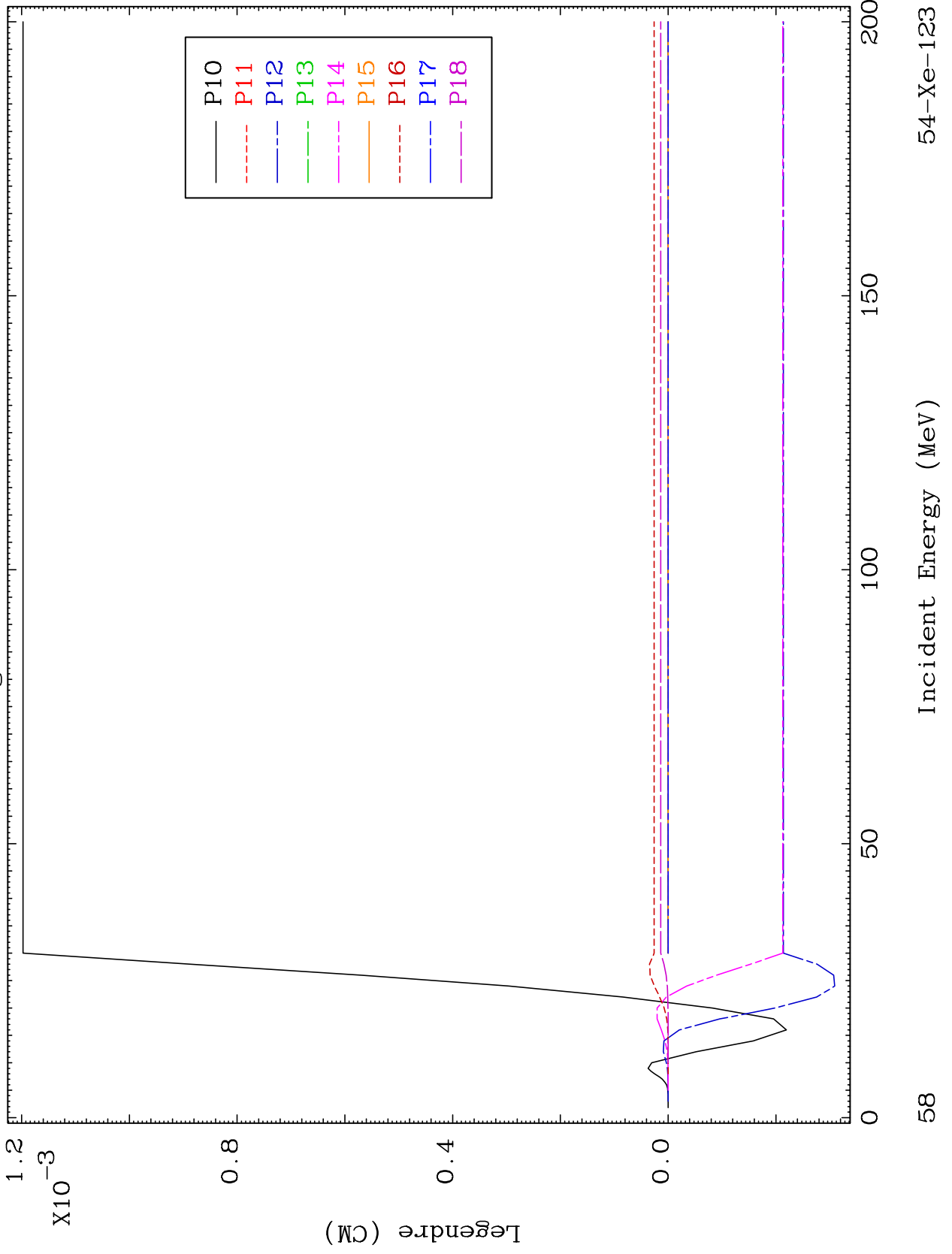
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



54-Xe-123

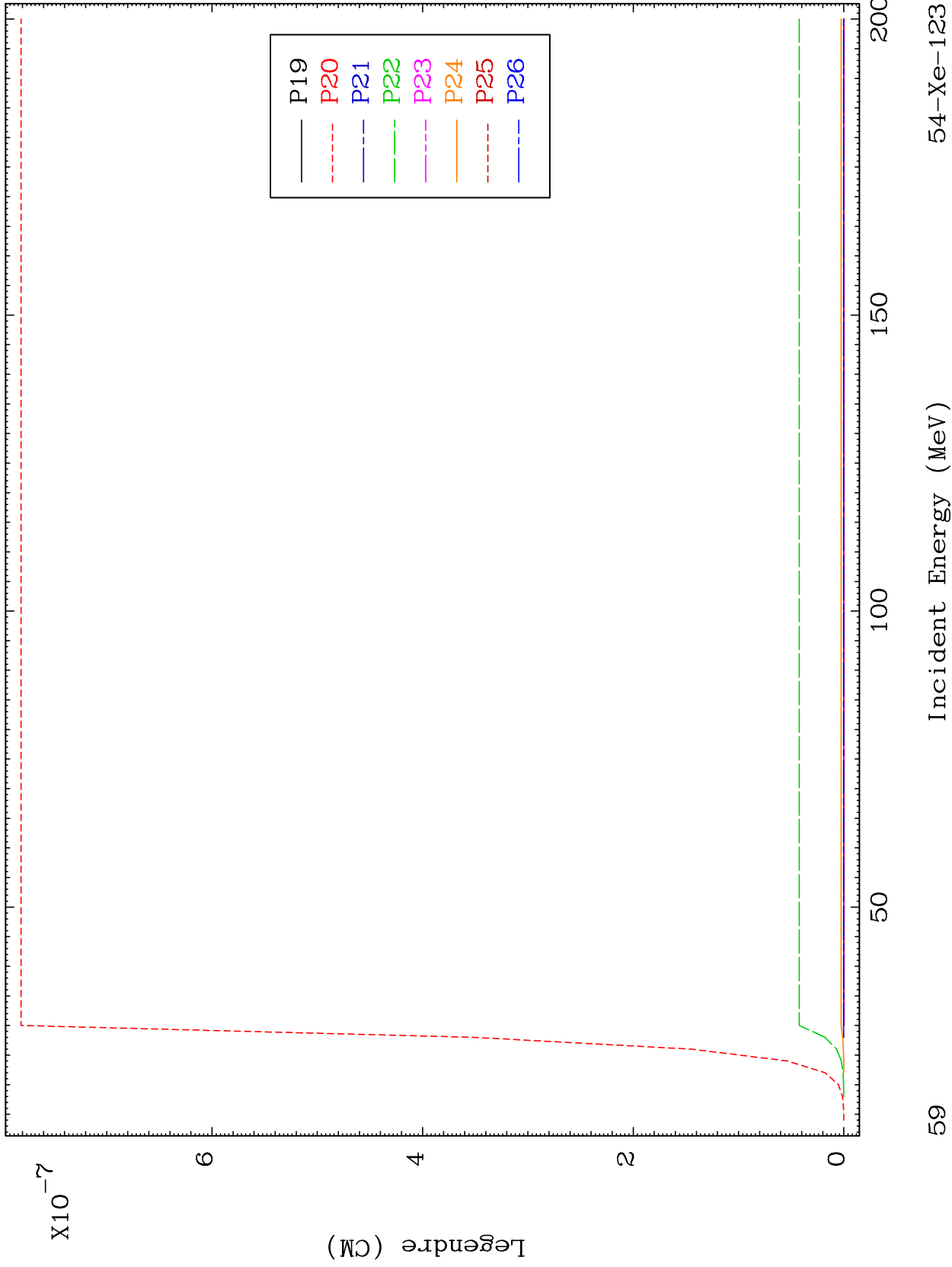
Incident Energy (MeV)

58

MAT 5422

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

54-Xe-123



54-Xe-123

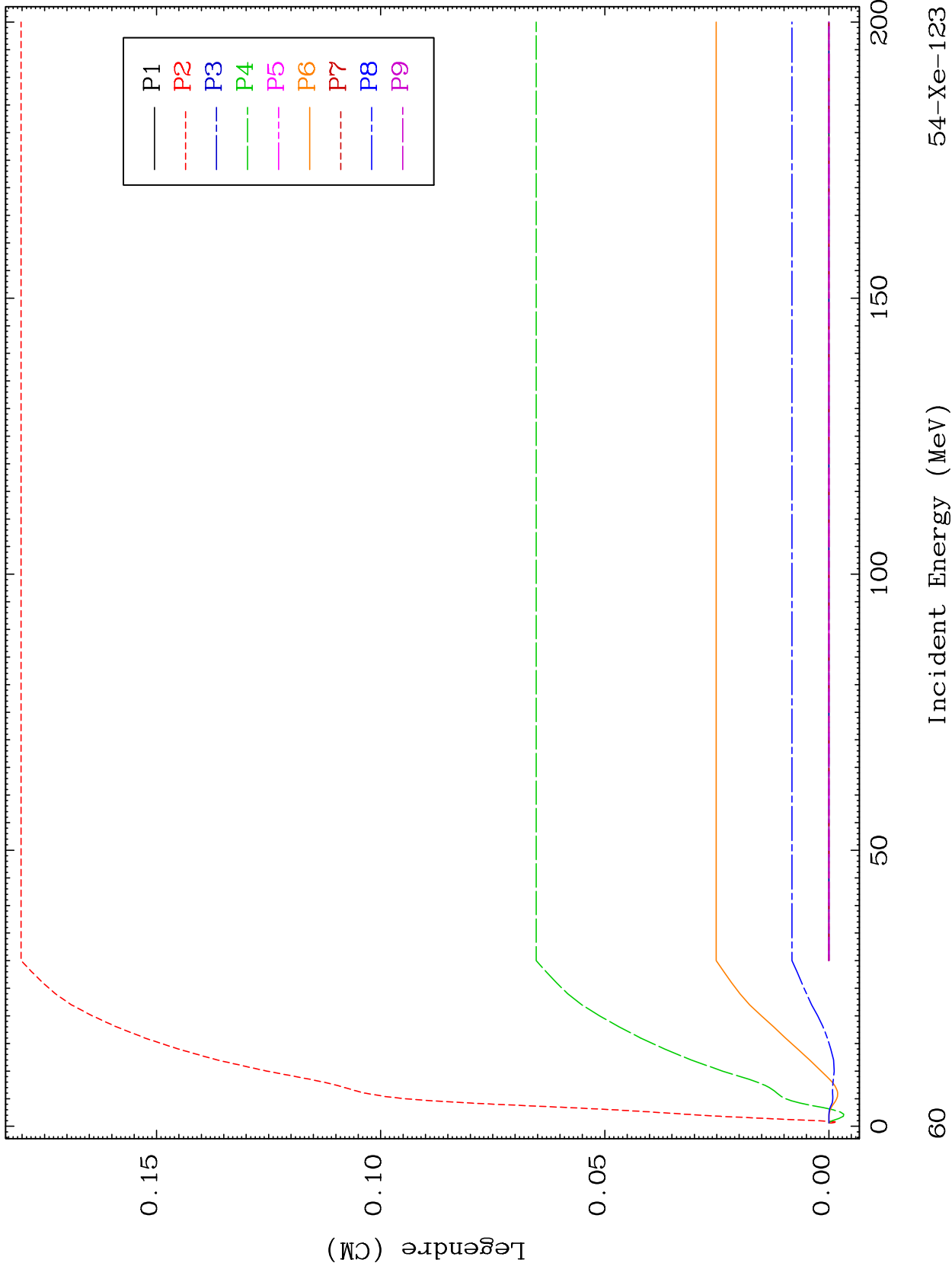
Incident Energy (MeV)

59

MAT 5422

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

54-Xe-123

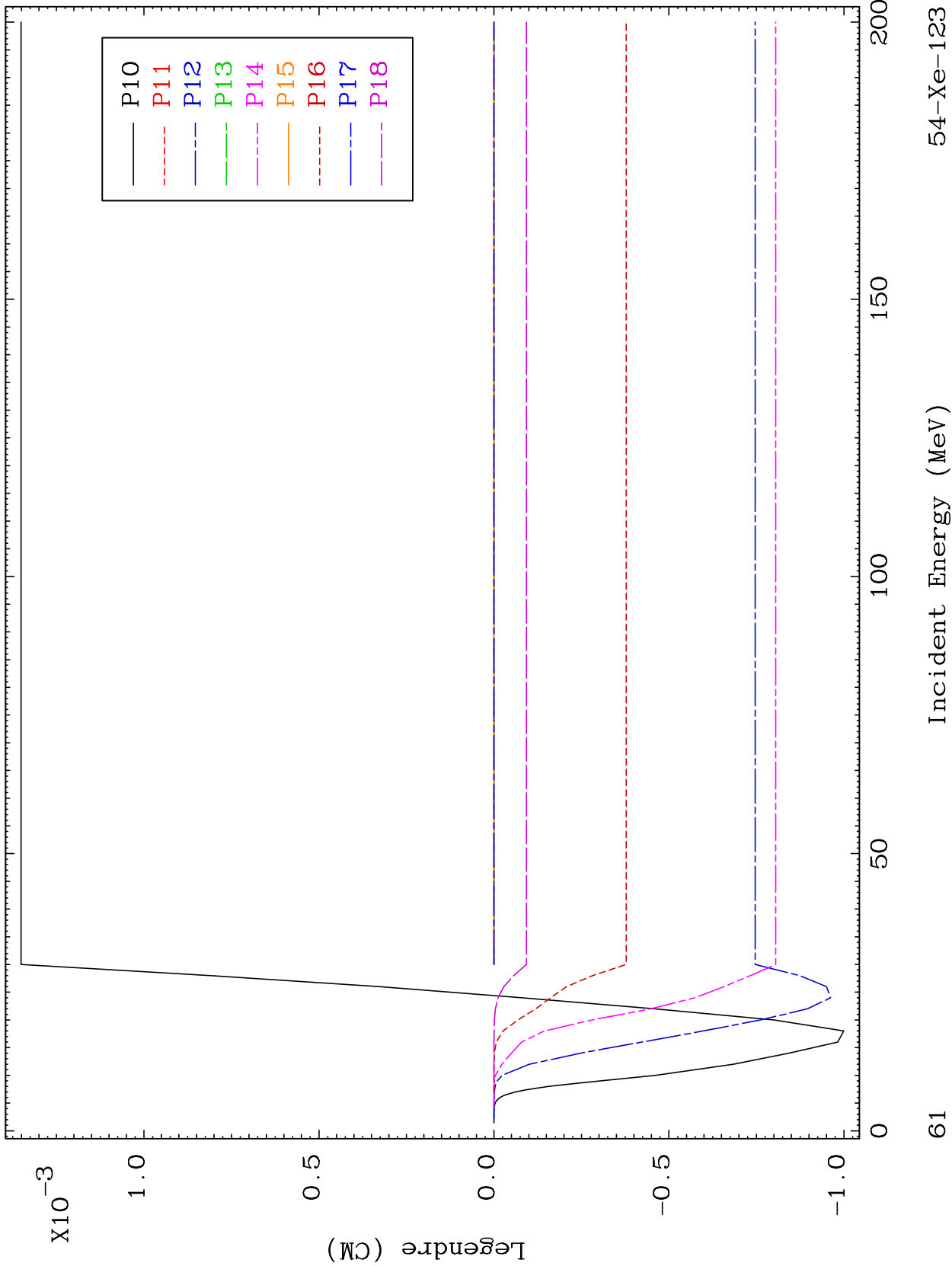


54-Xe-123

MAT 5422

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

54-Xe-123



61

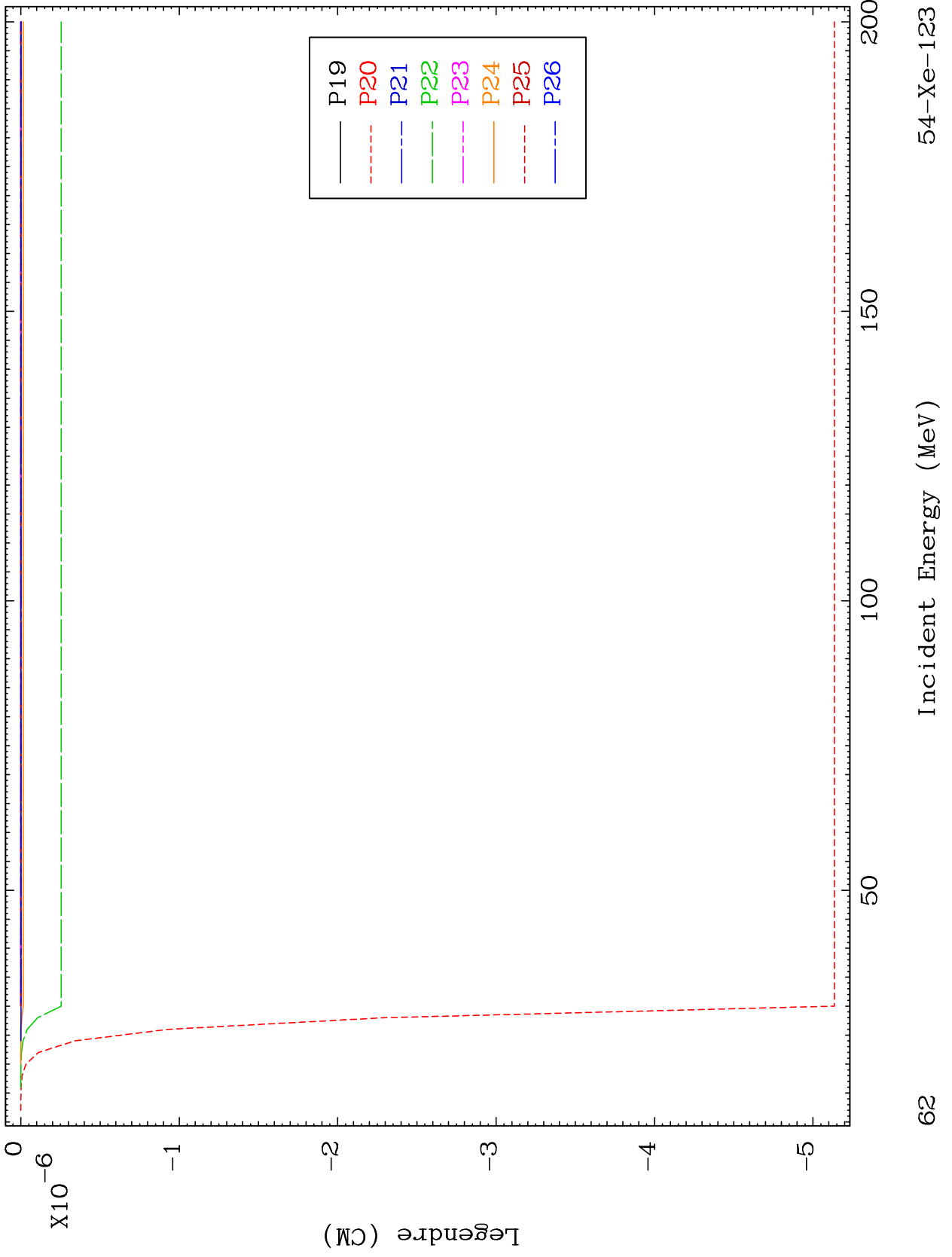
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



62

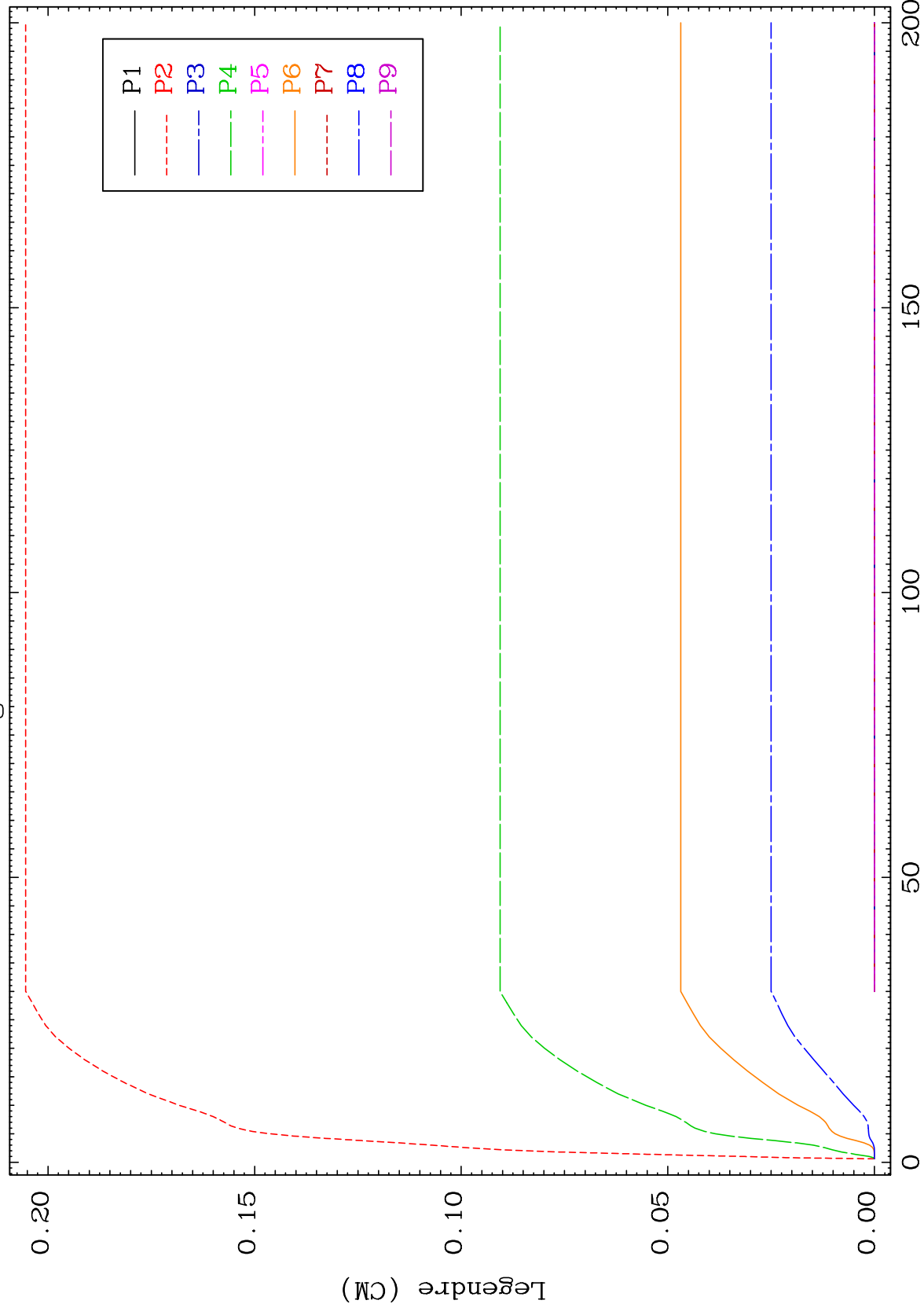
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



54-Xe-123

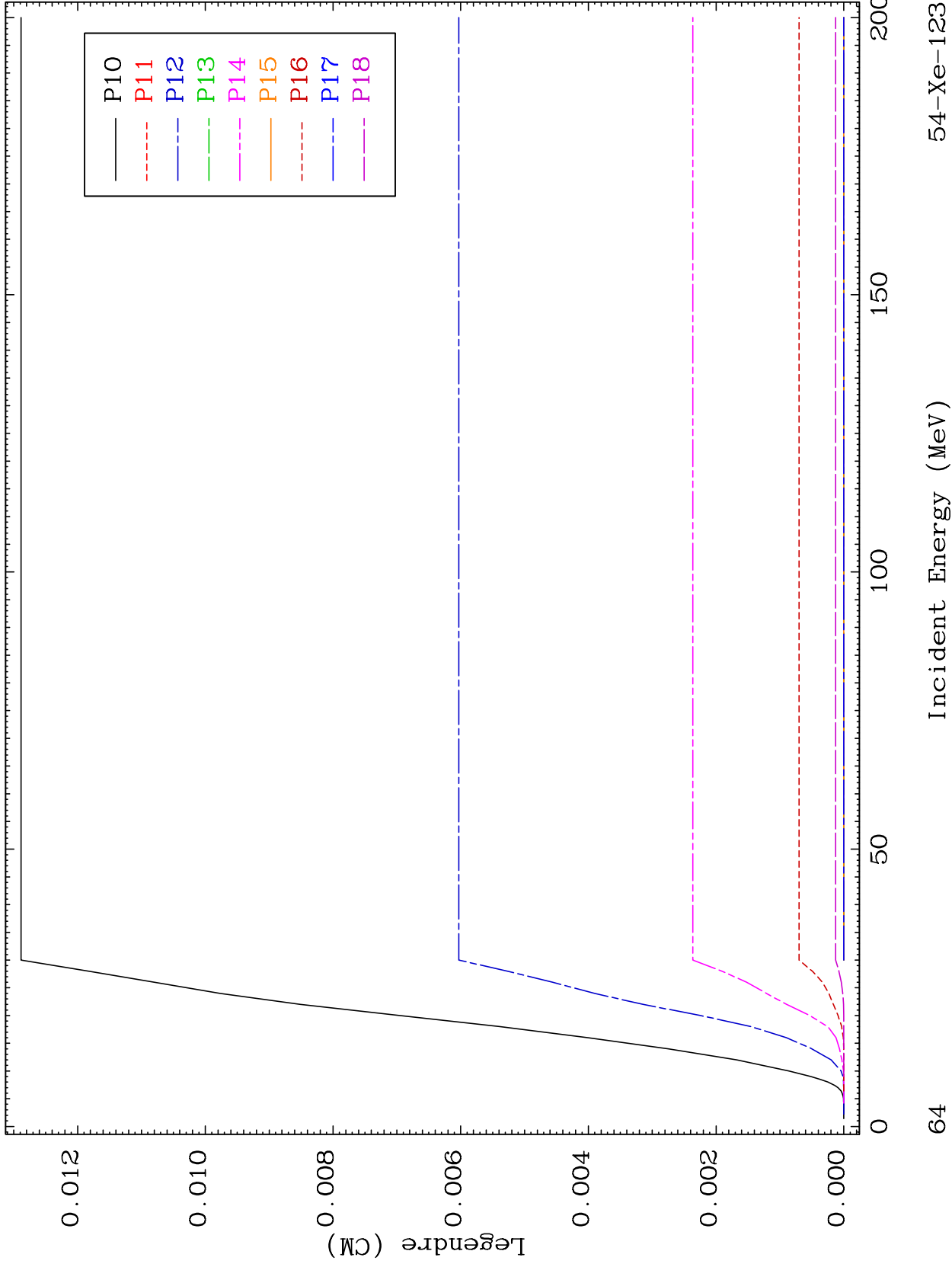
Incident Energy (MeV)

63

MAT 5422

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

54-Xe-123



64

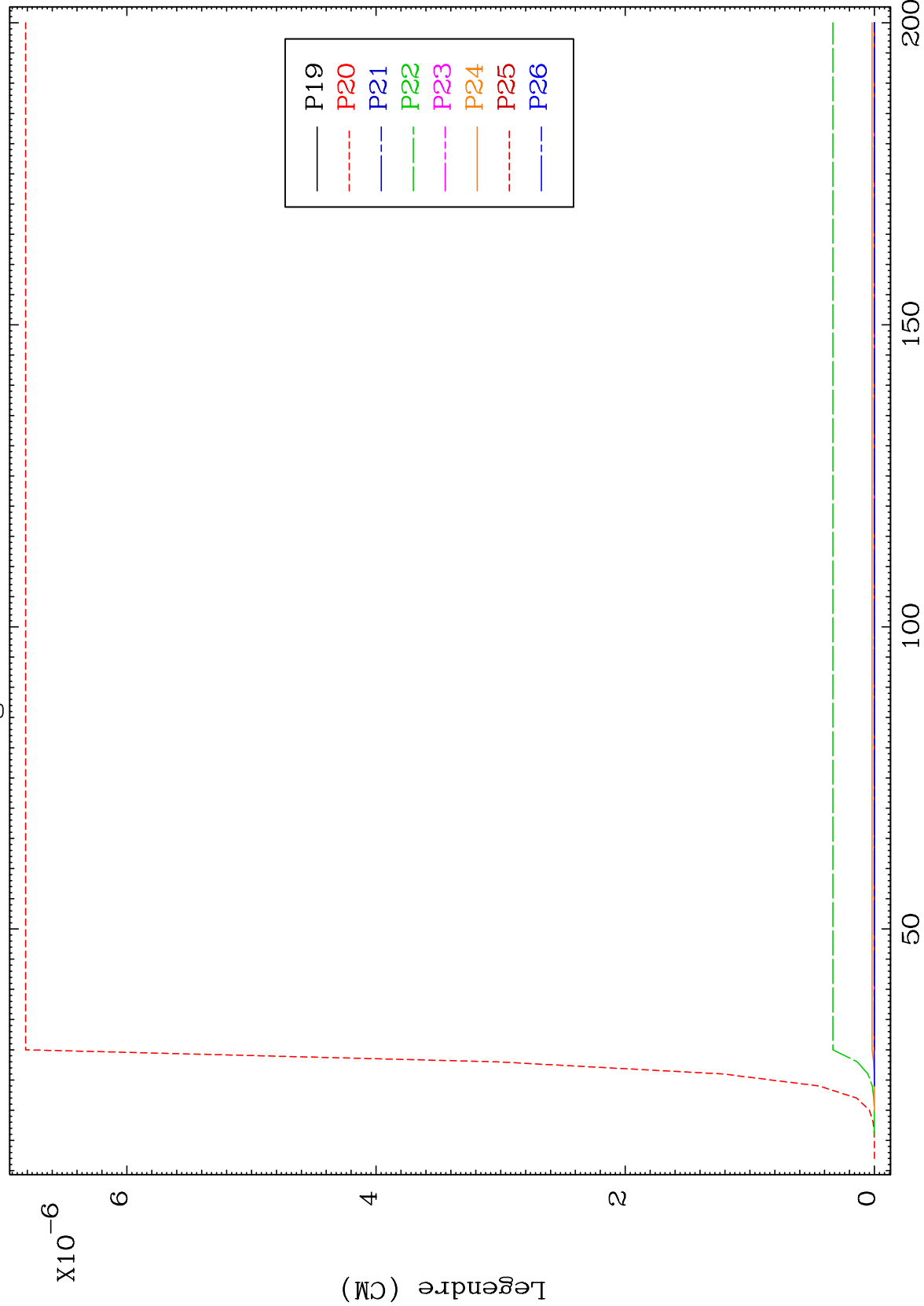
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



54-Xe-123

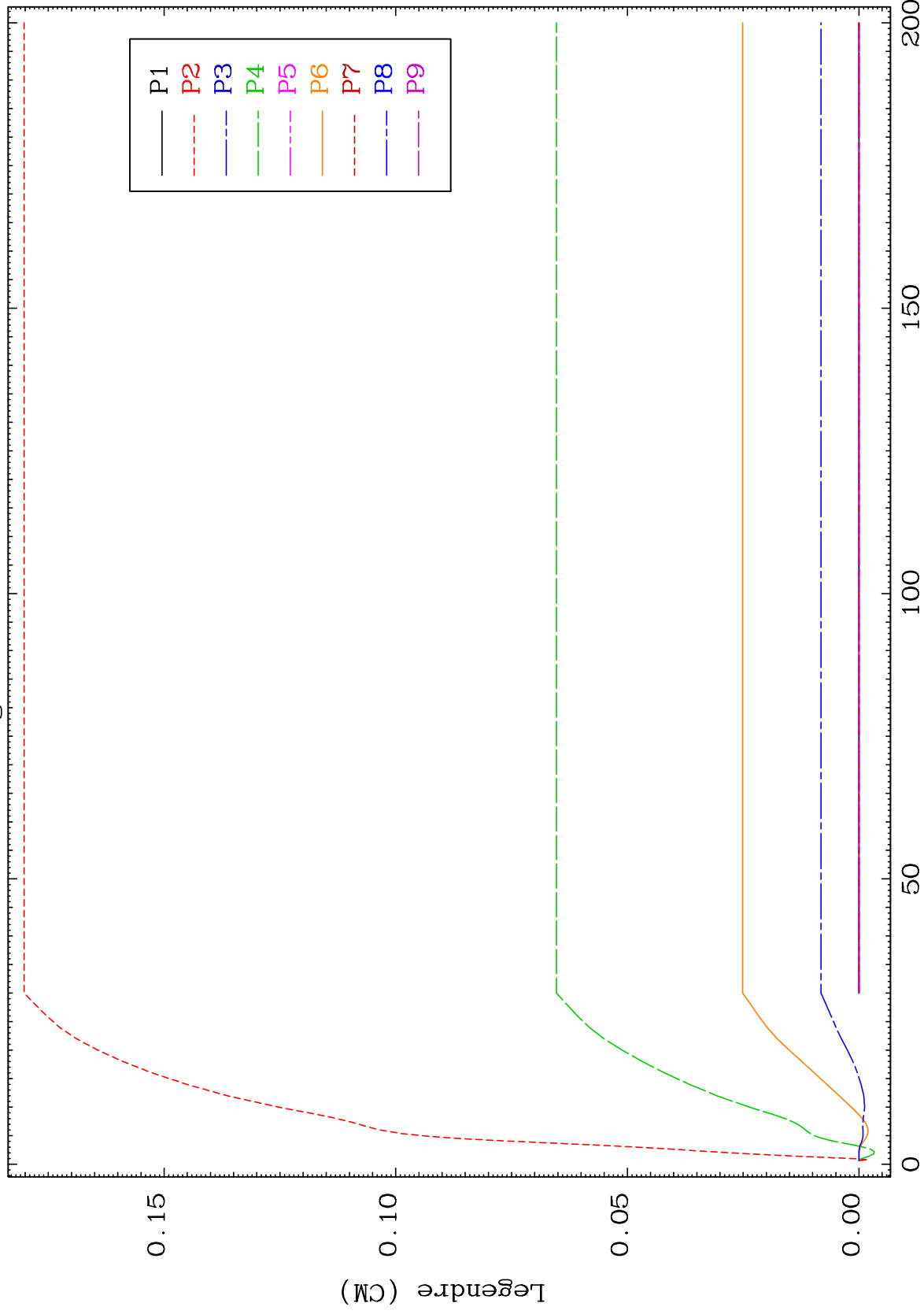
Incident Energy (MeV)

65

MAT 5422

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

54-Xe-123



66

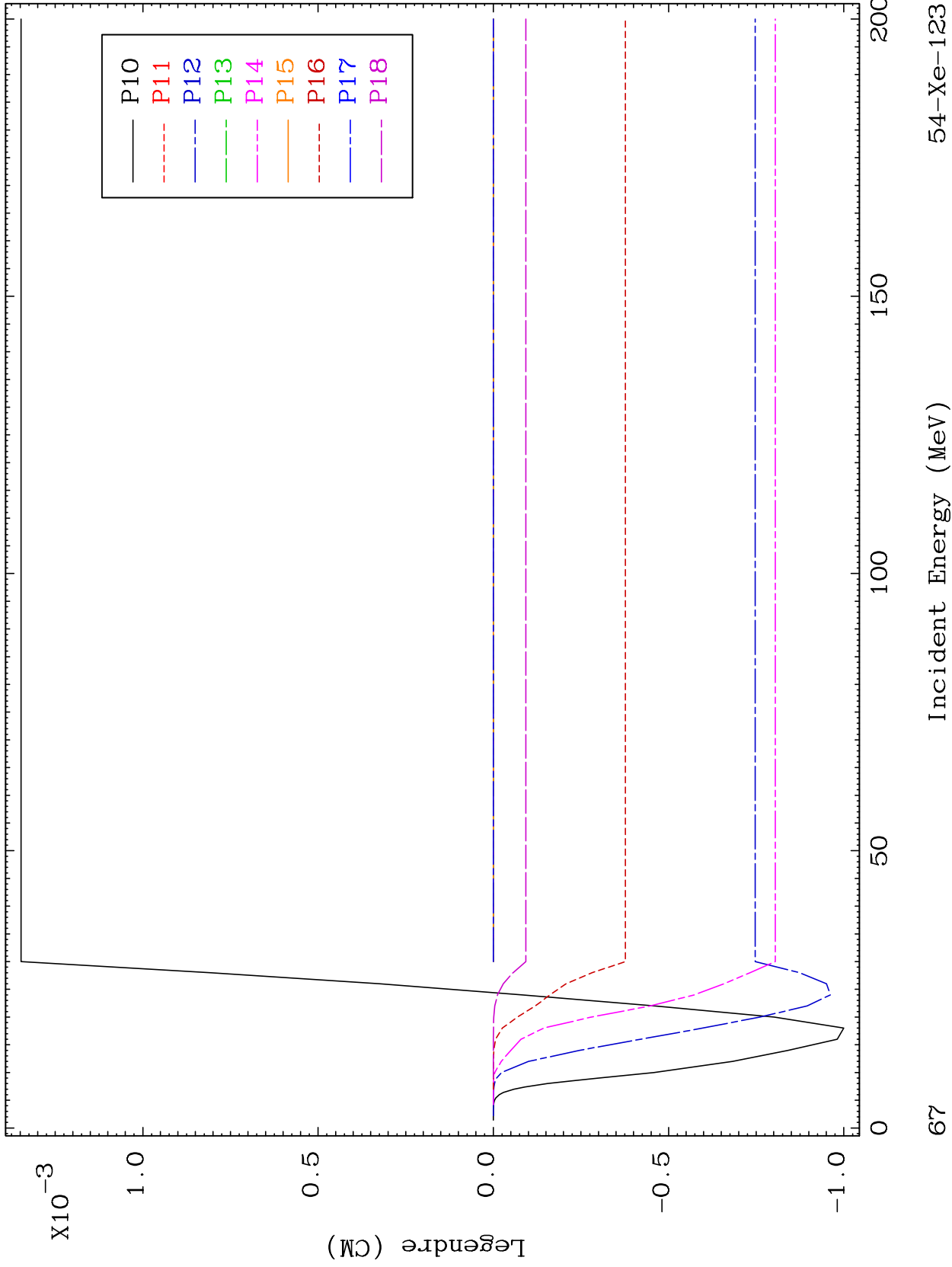
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



67

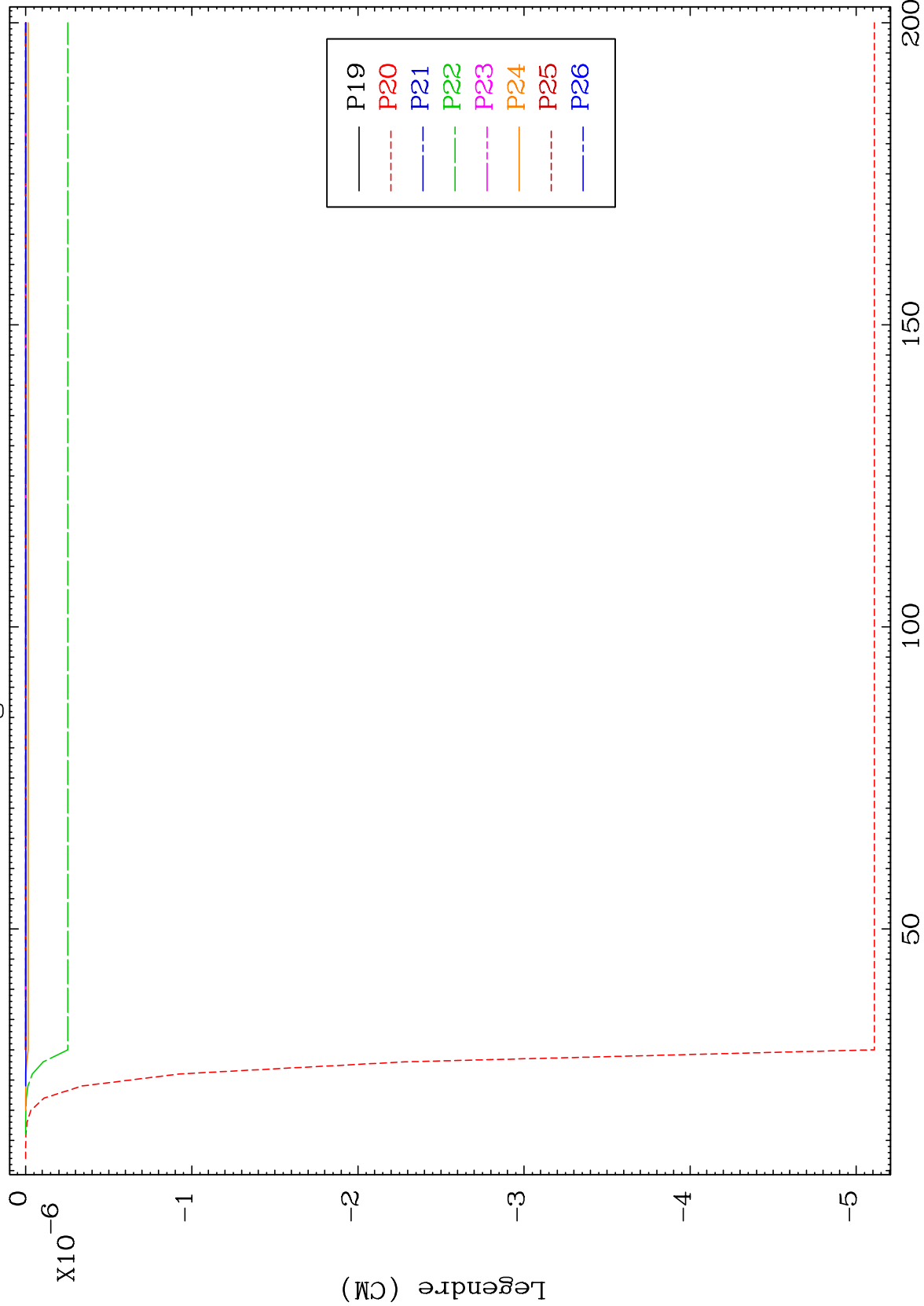
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



68

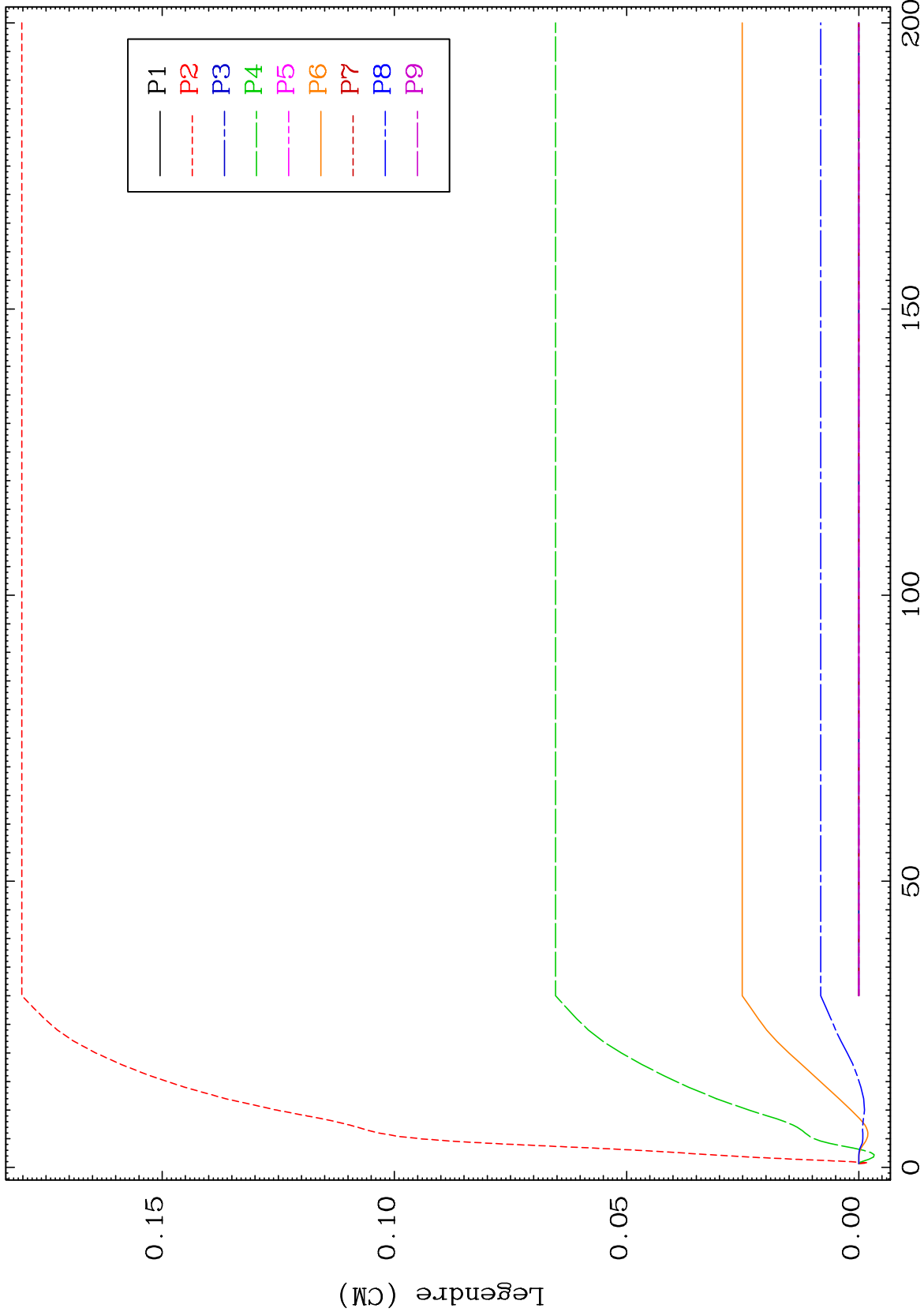
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



69

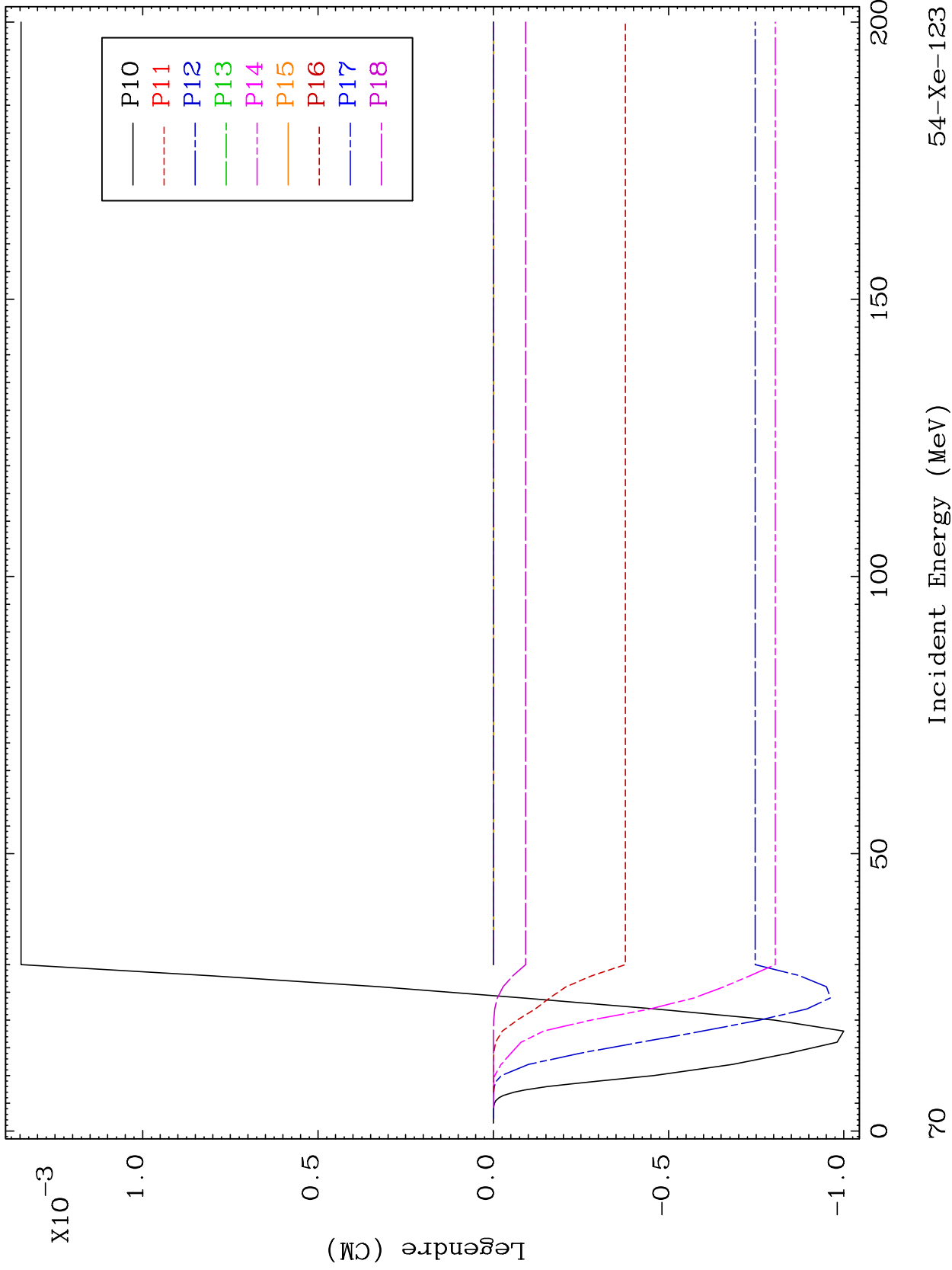
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



54-Xe-123

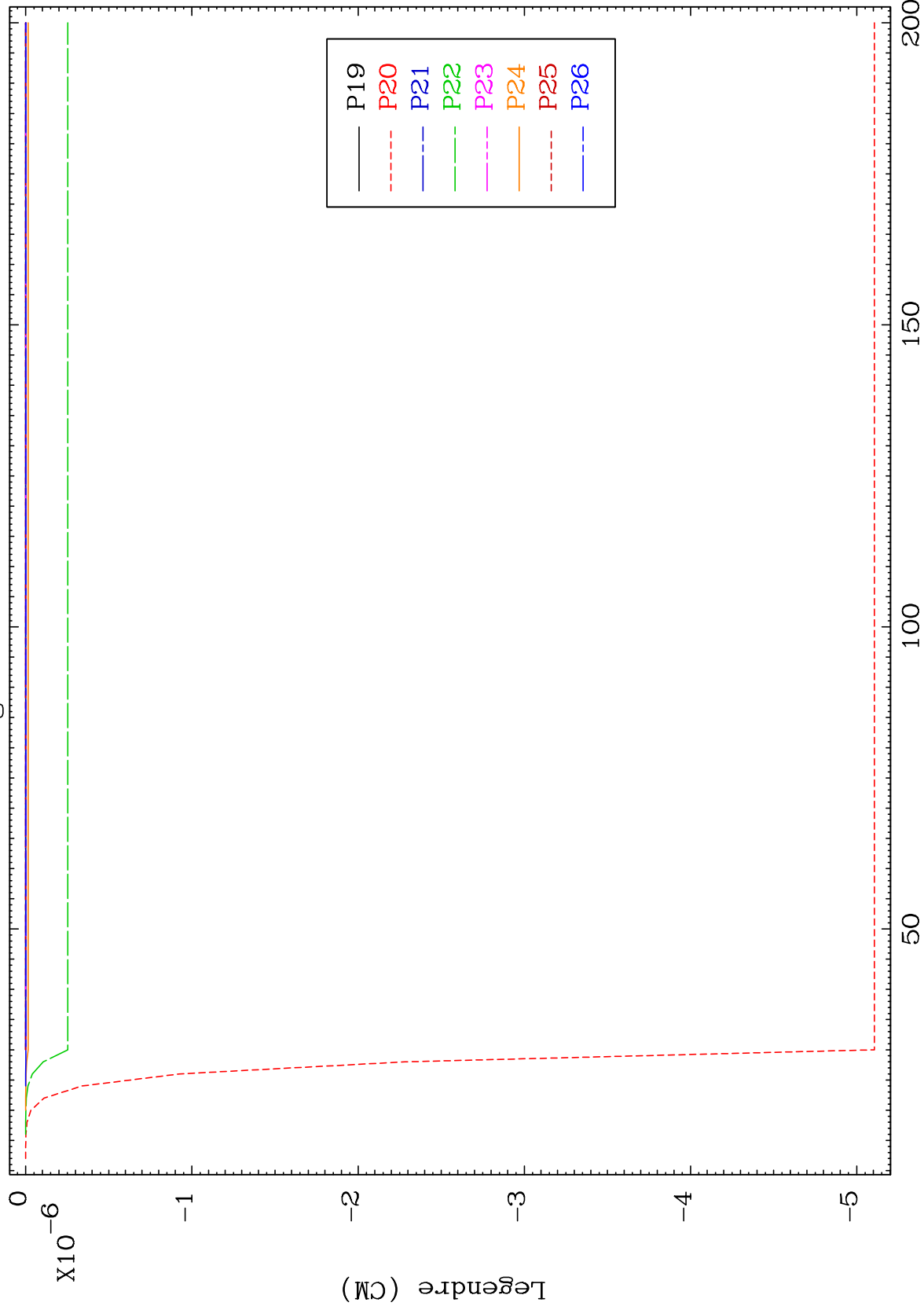
Incident Energy (MeV)

70

MAT 5422

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

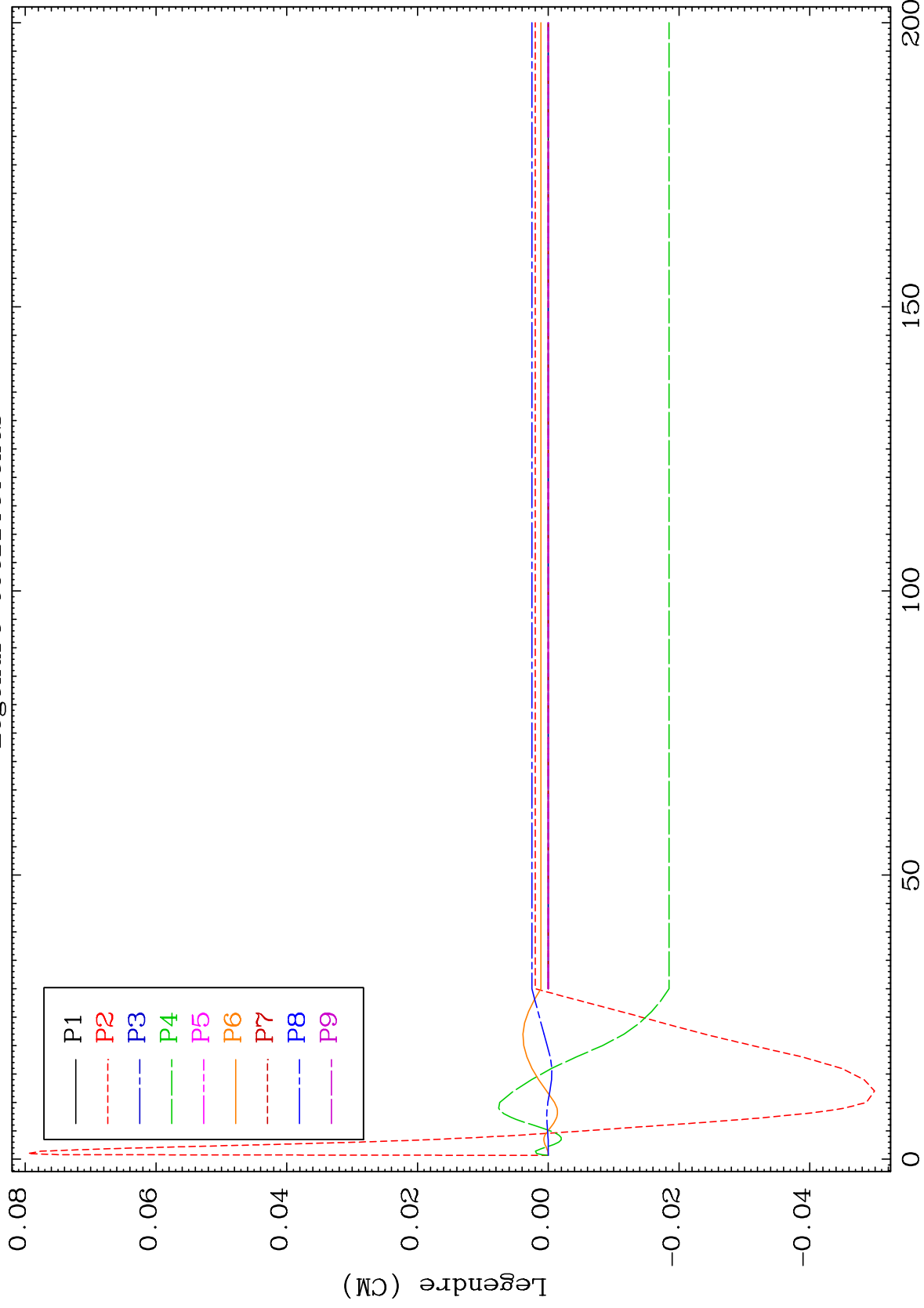
54-Xe-123



MAT 5422

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

54-Xe-123



72

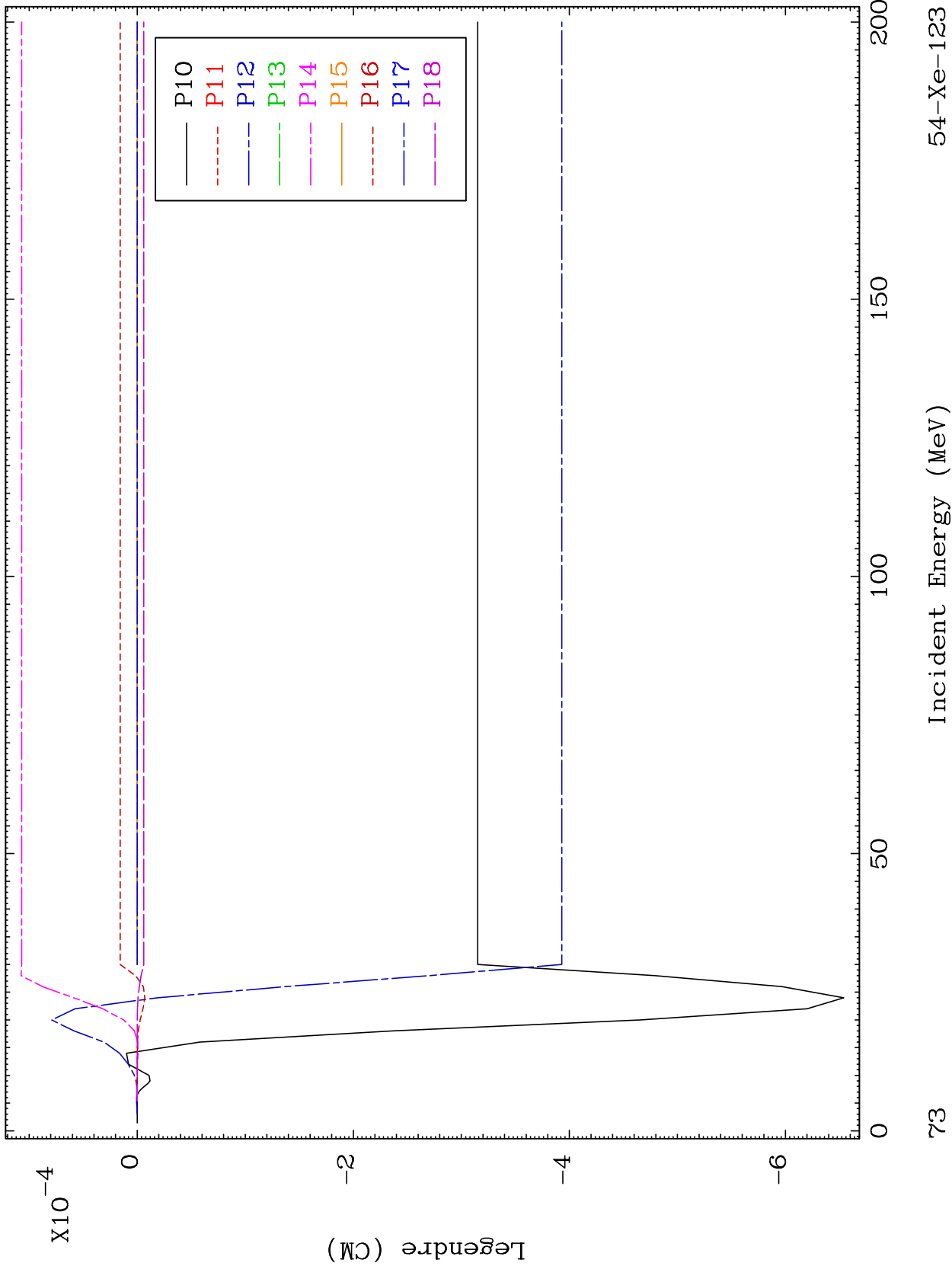
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



73

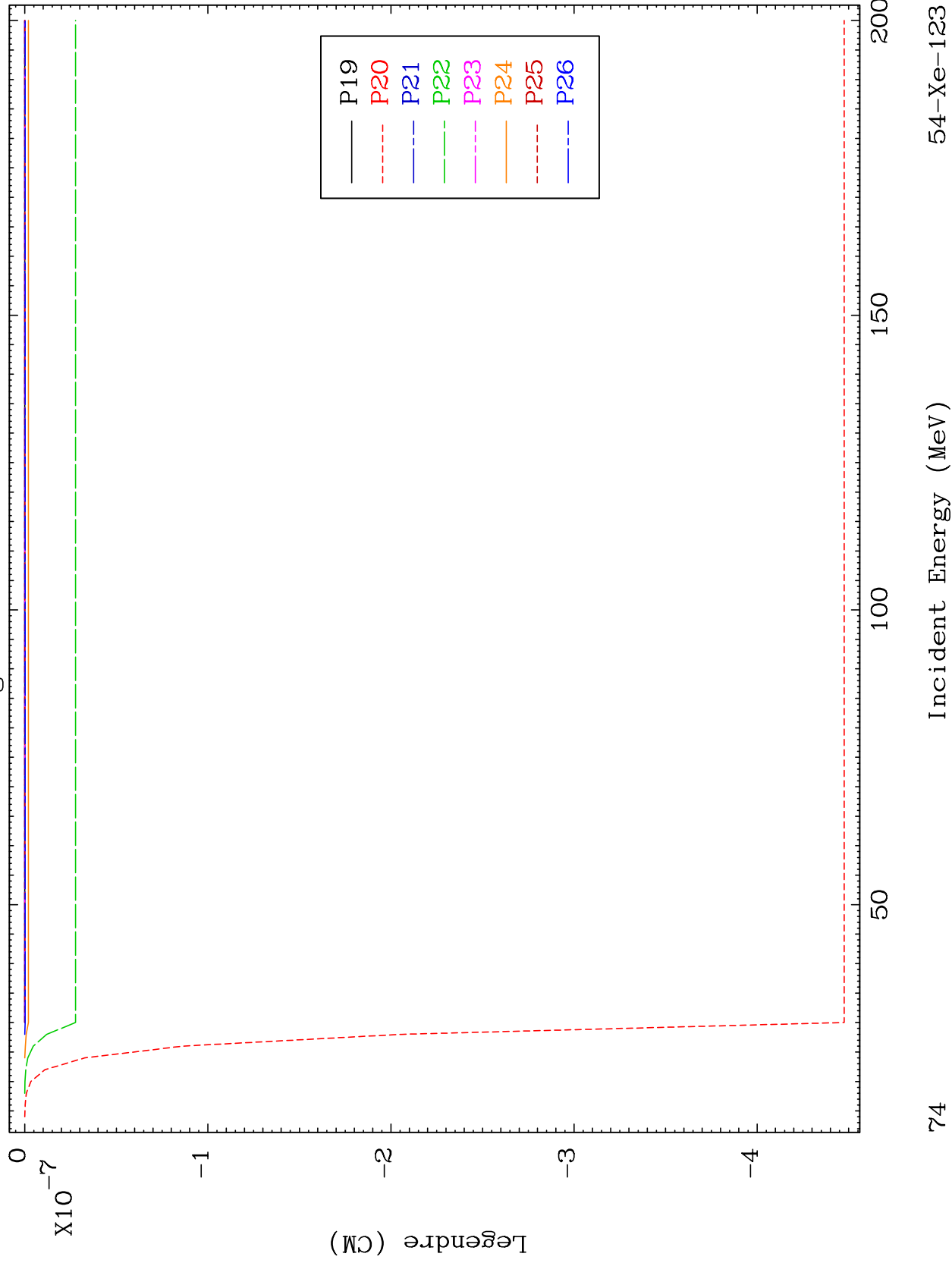
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



74

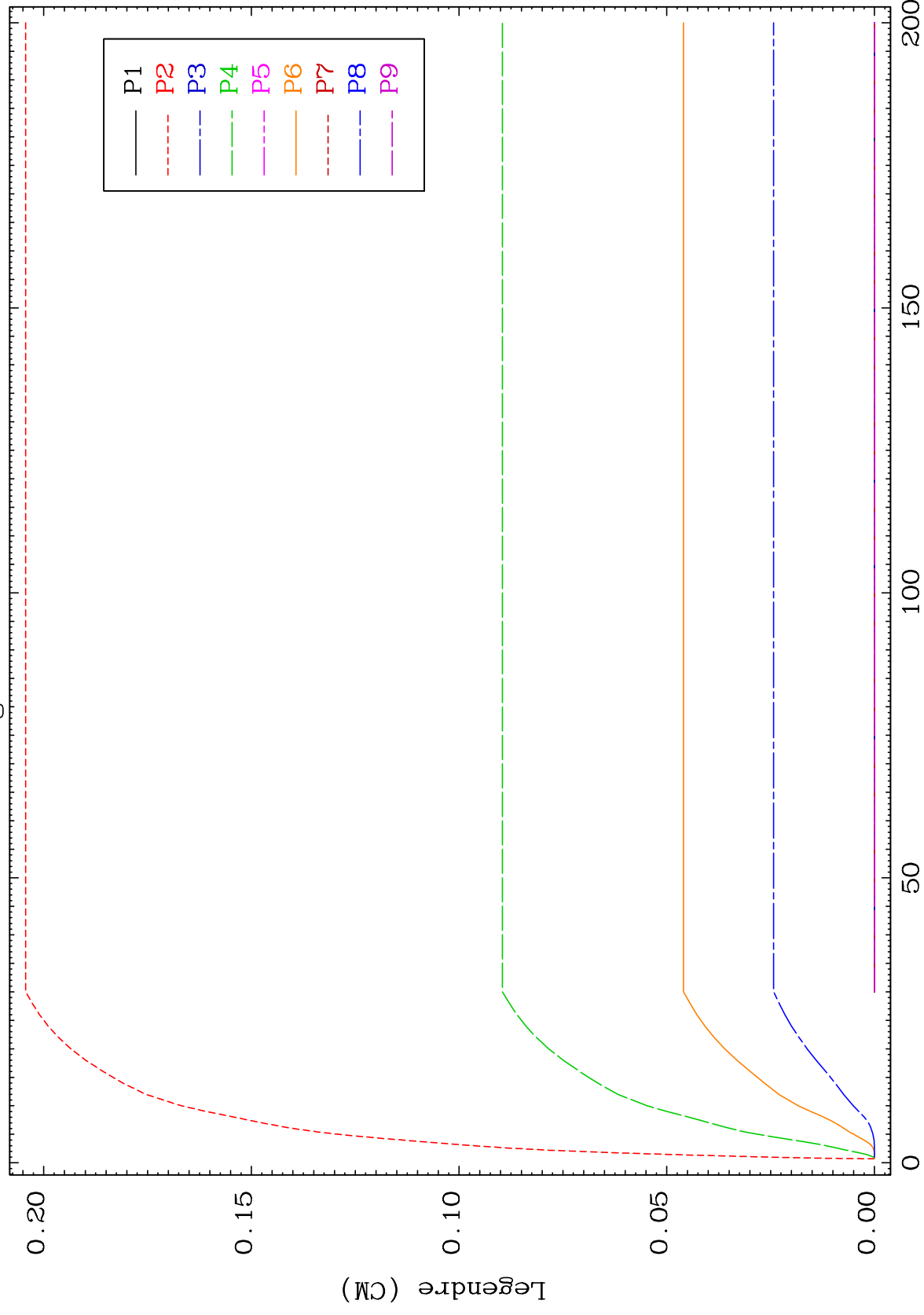
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



54-Xe-123

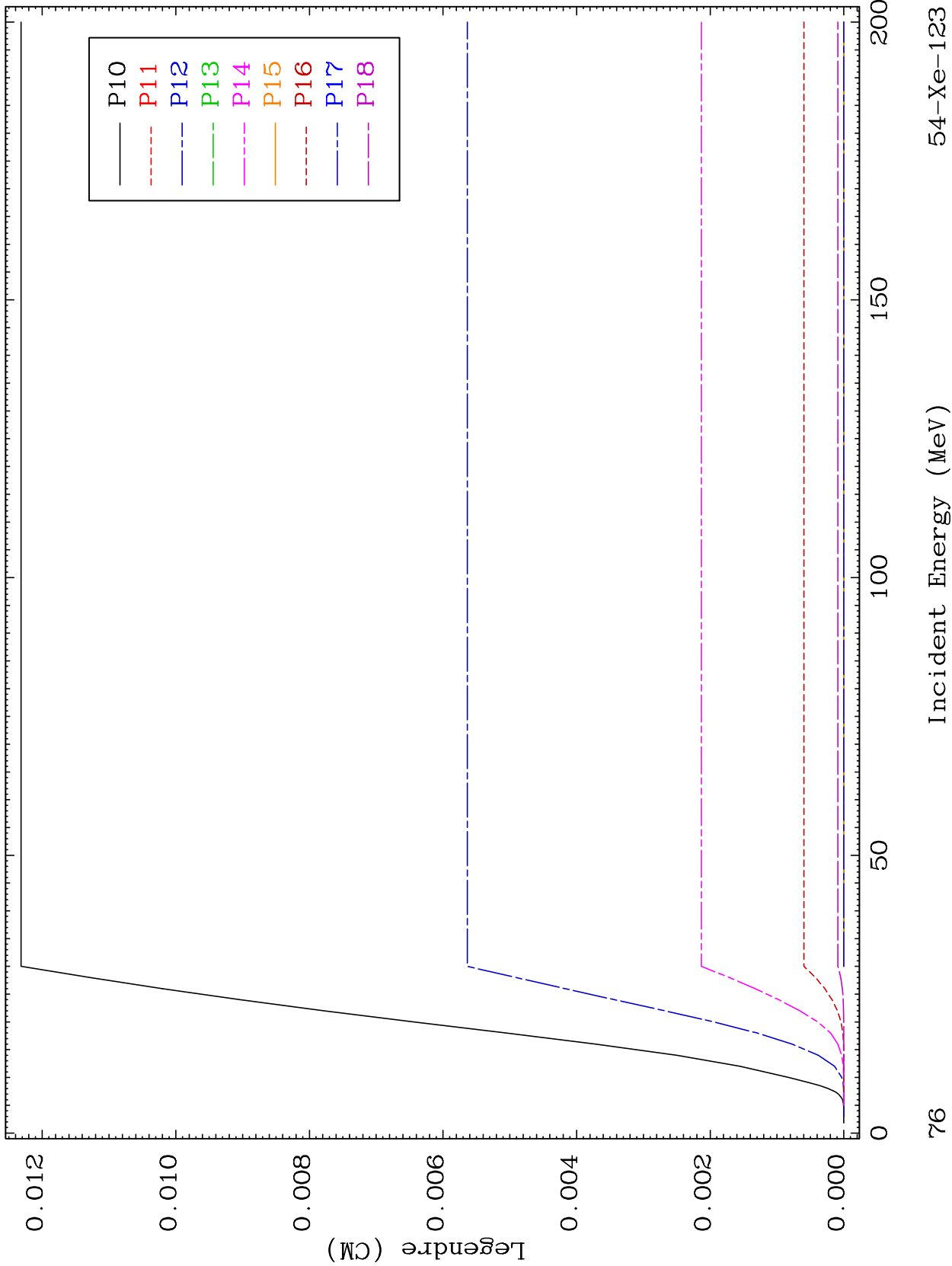
Incident Energy (MeV)

75

MAT 5422

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

54-Xe-123



76

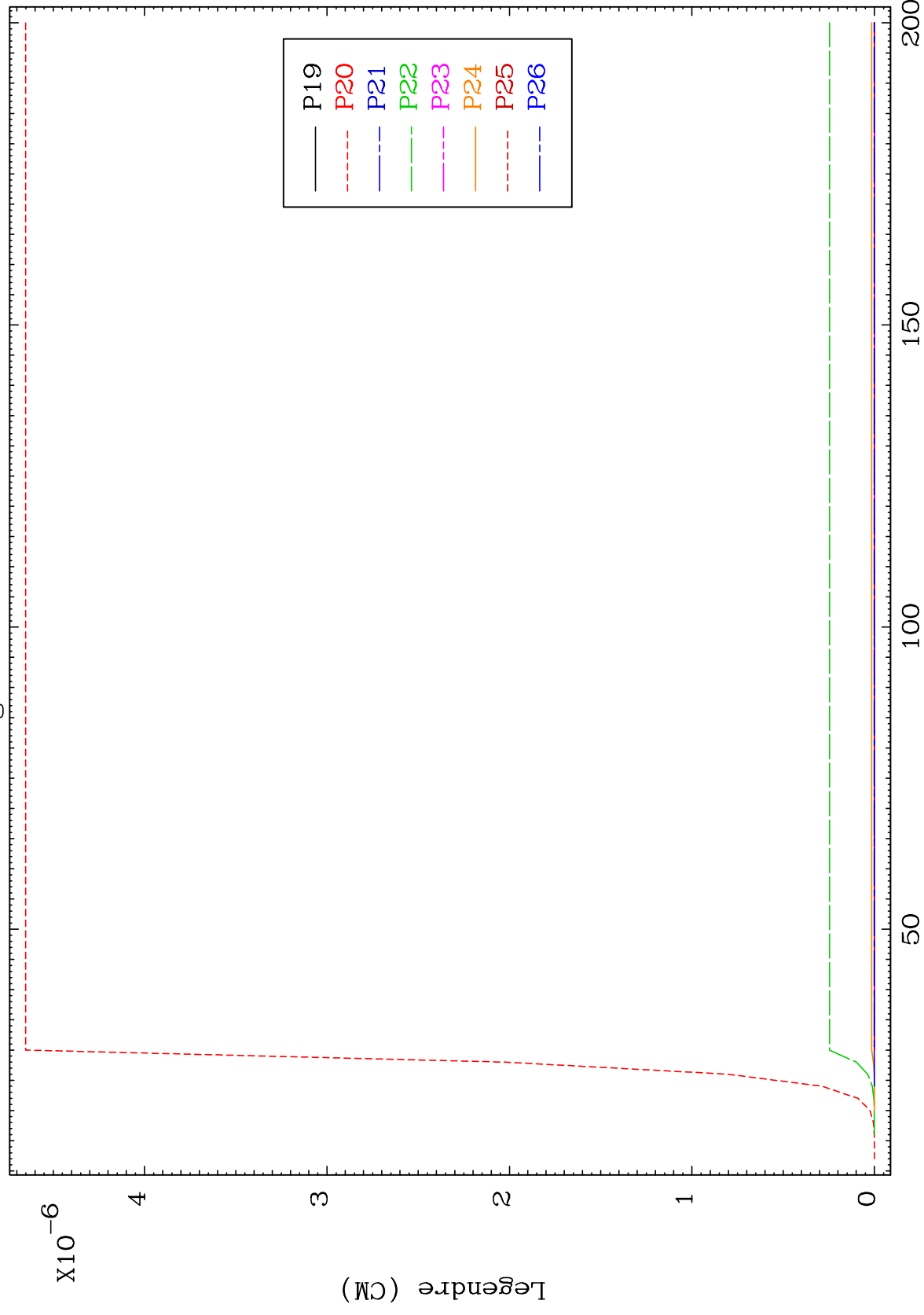
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



77

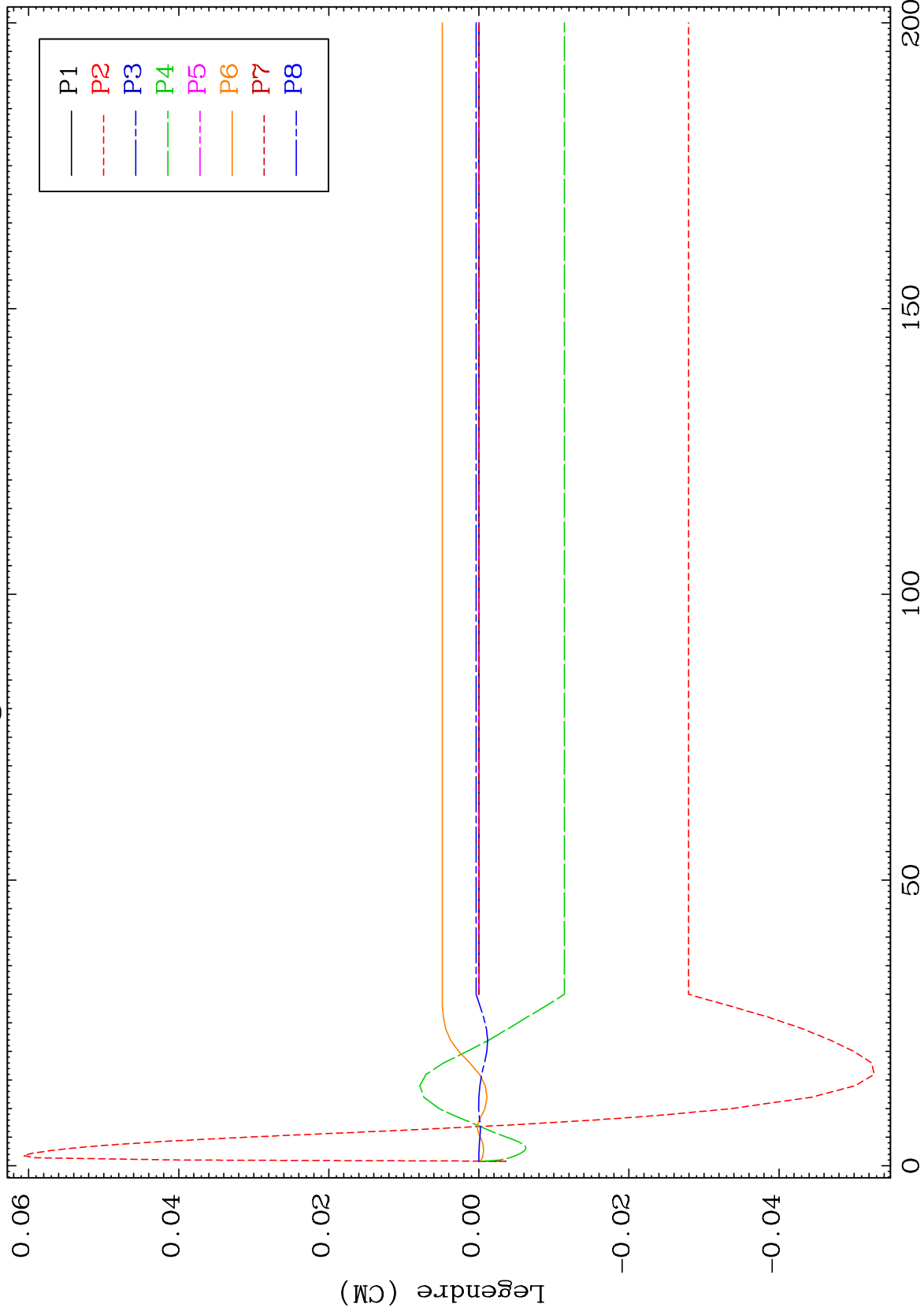
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



78

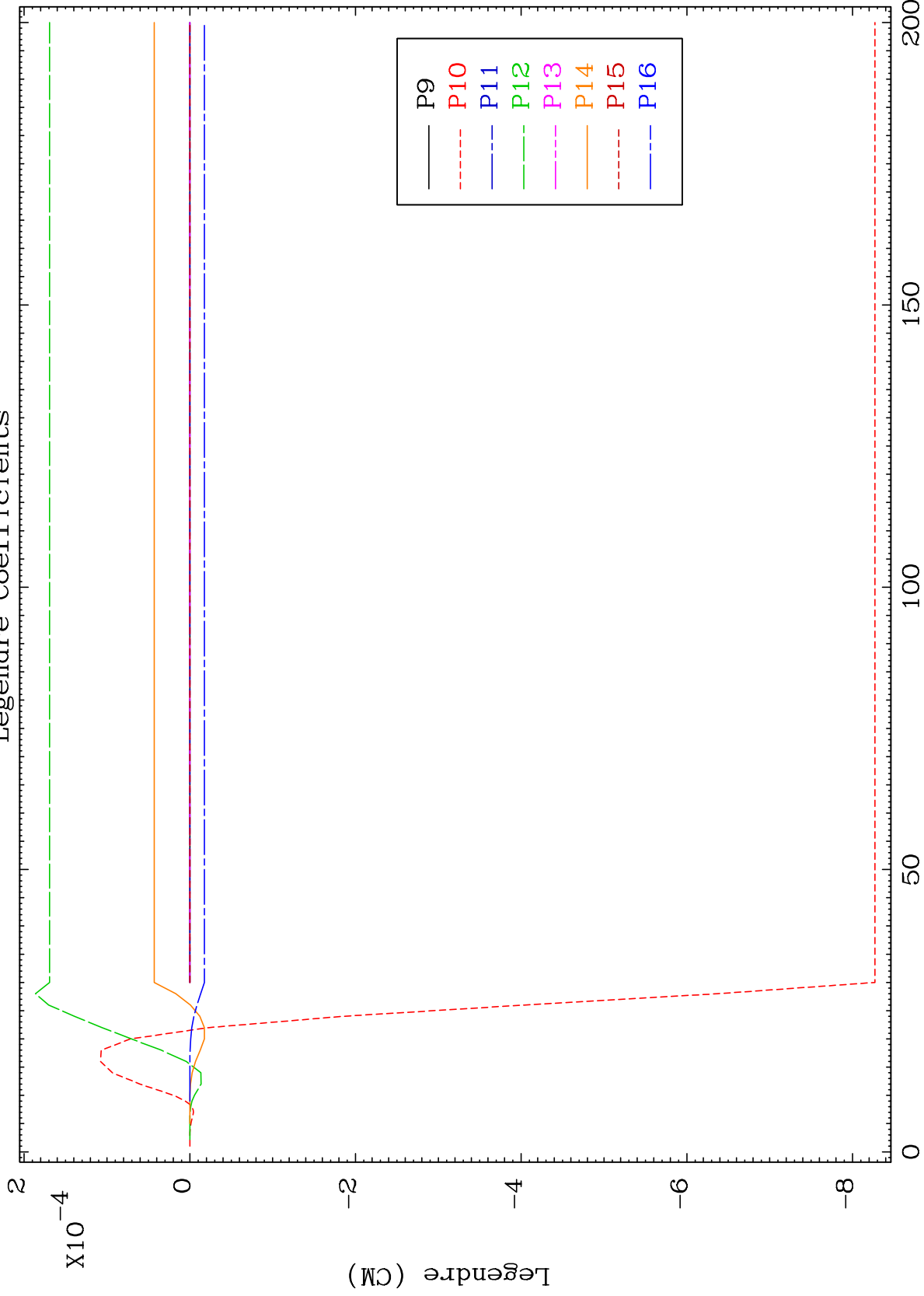
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



79

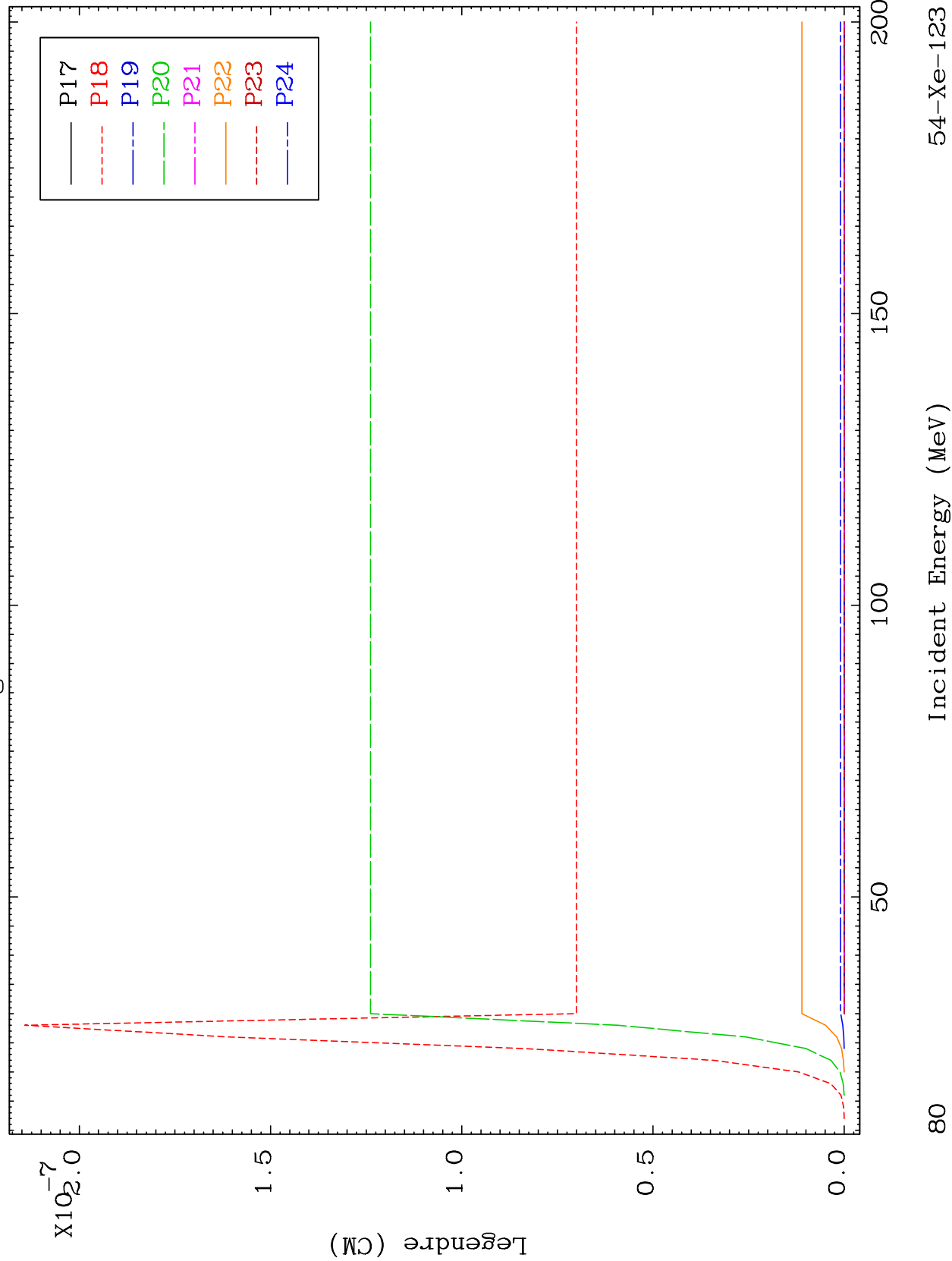
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

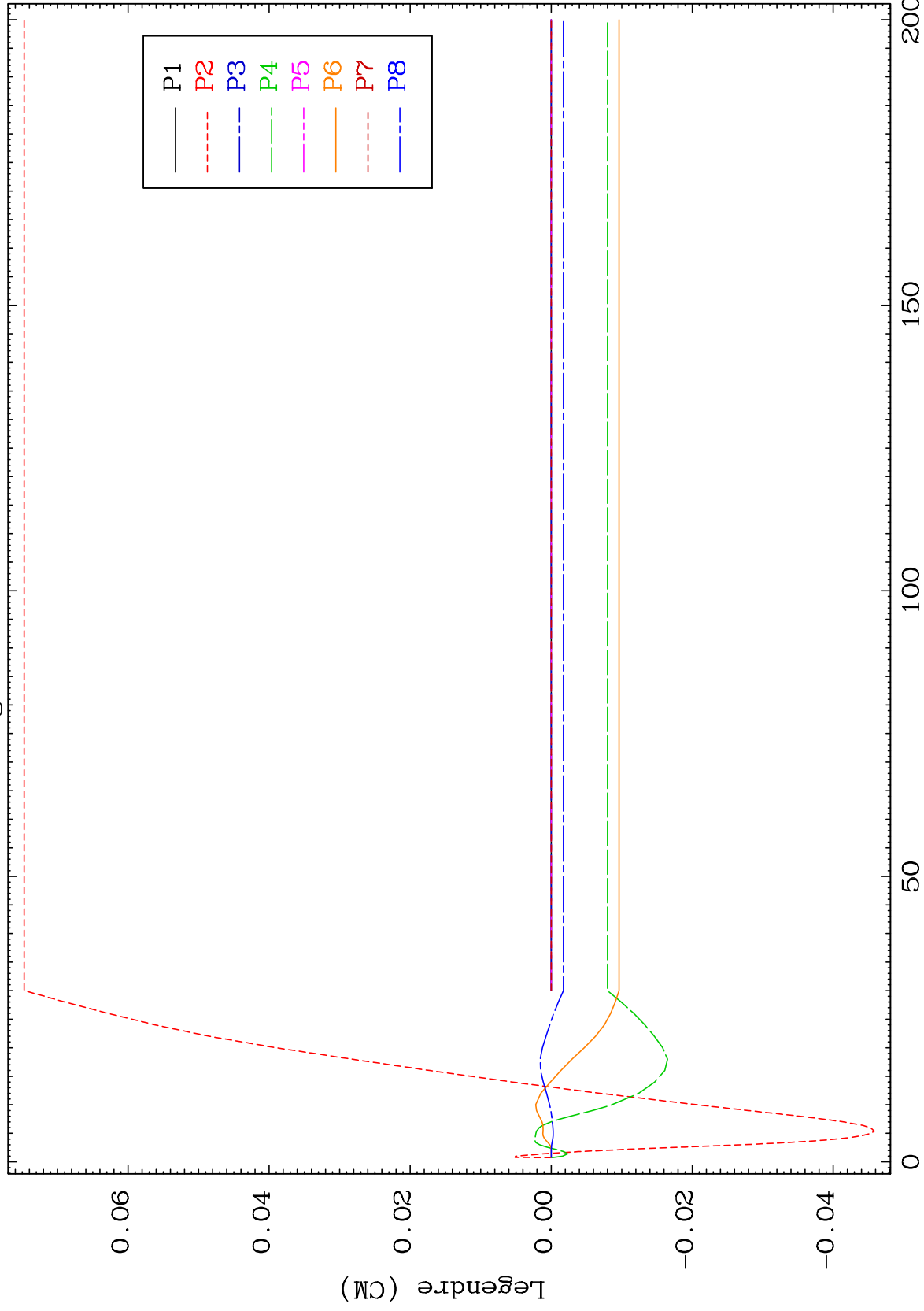
54-Xe-123



MAT 5422

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

54-Xe-123



81

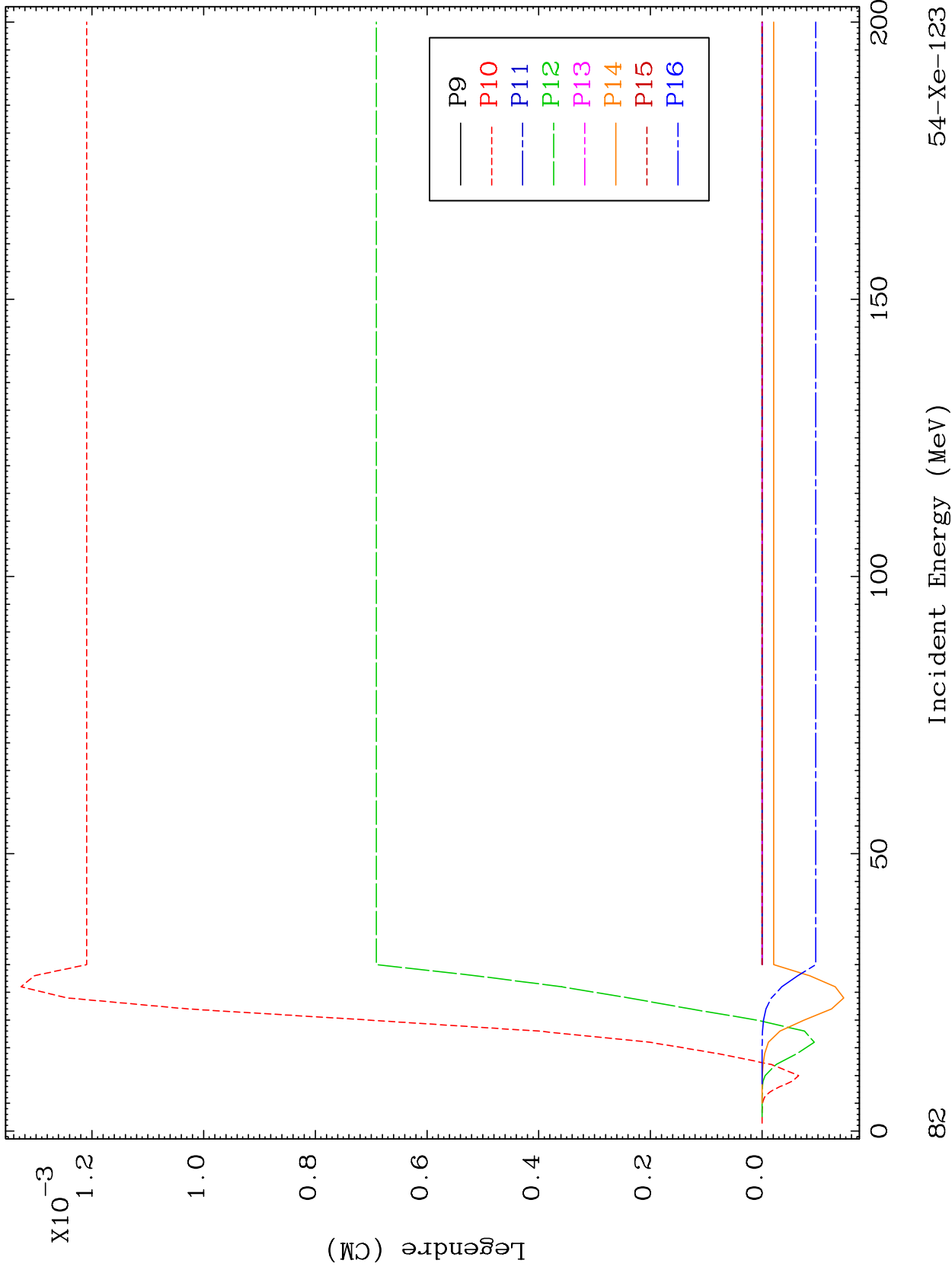
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



82

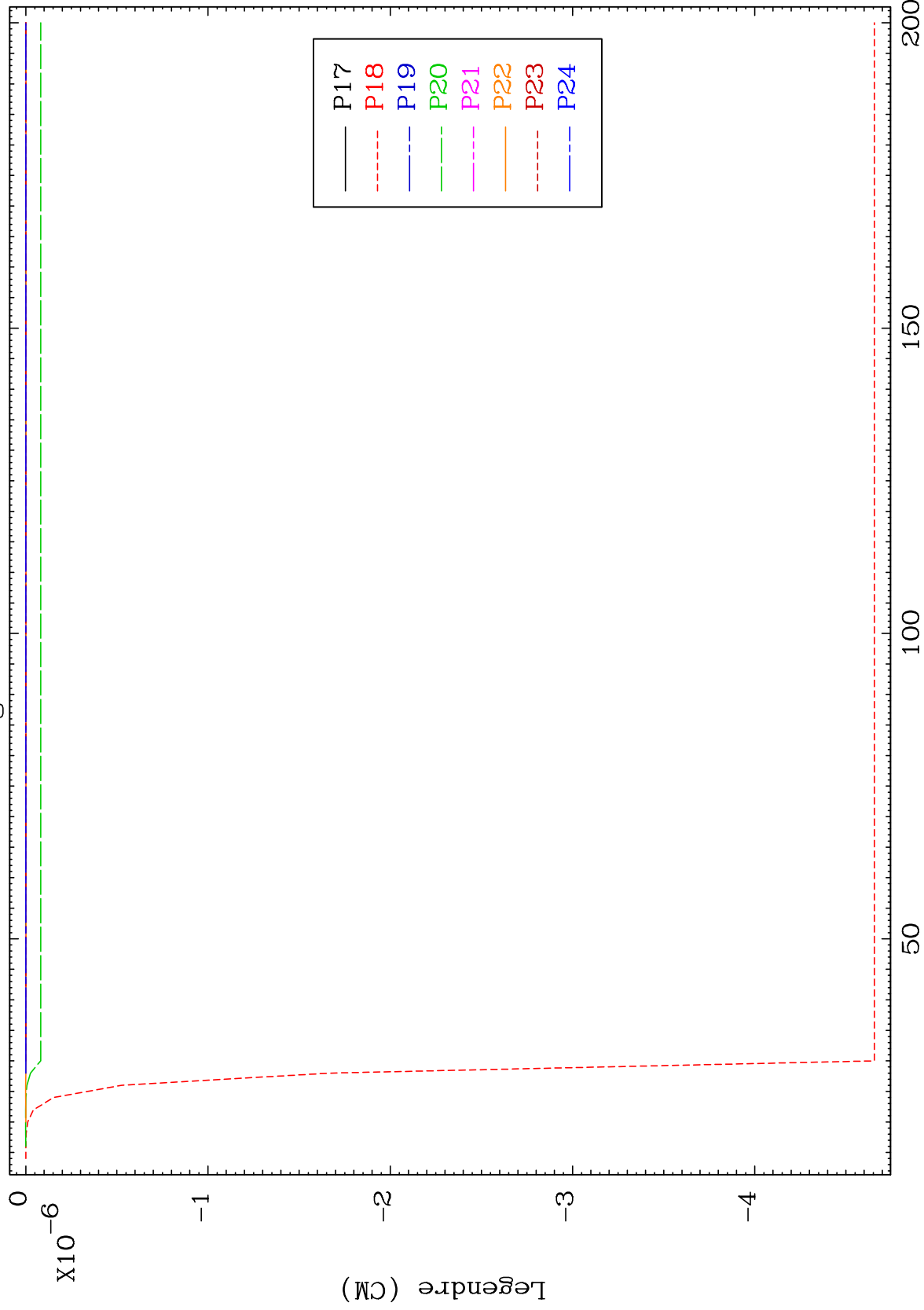
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



83

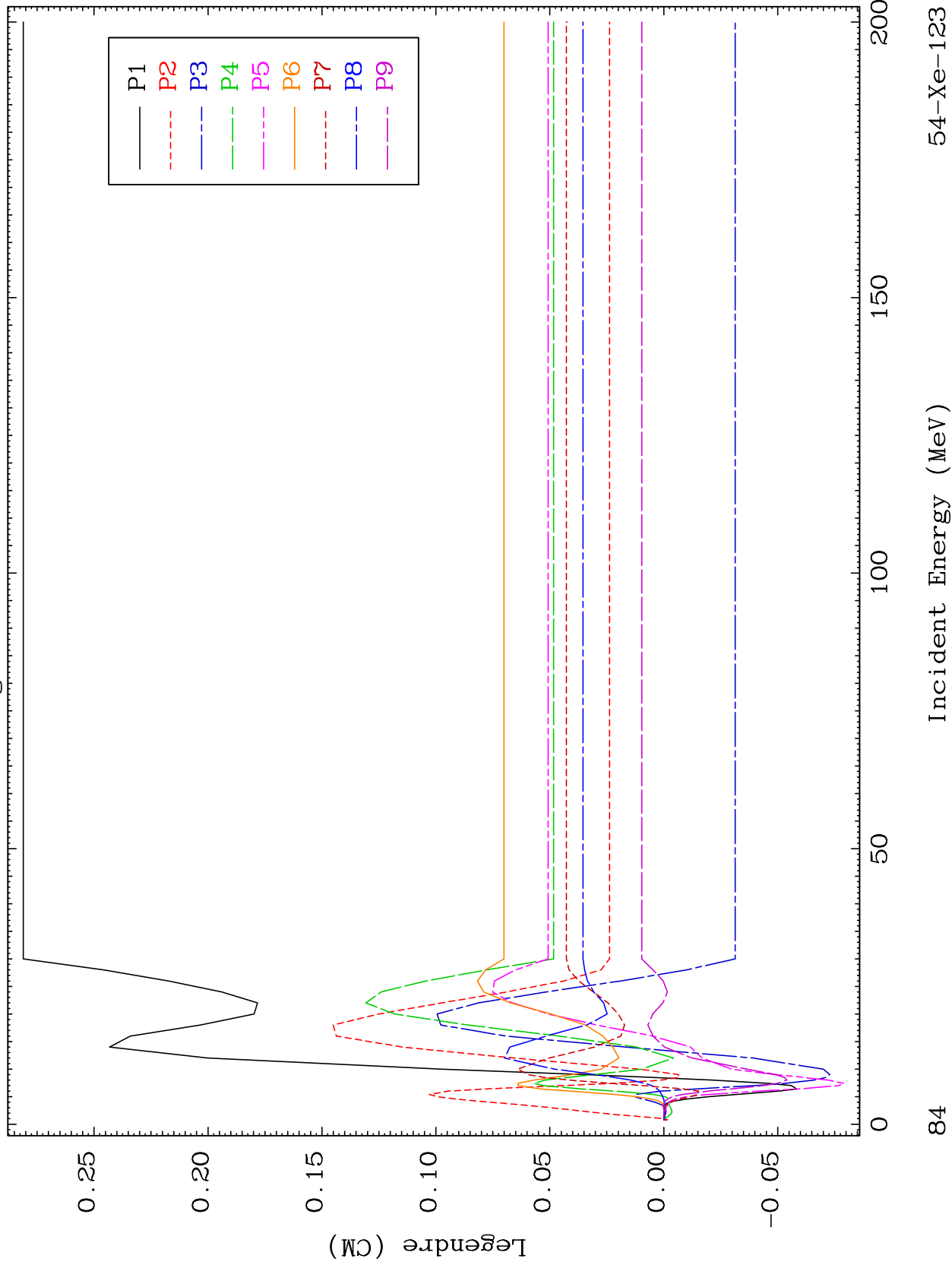
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



54-Xe-123

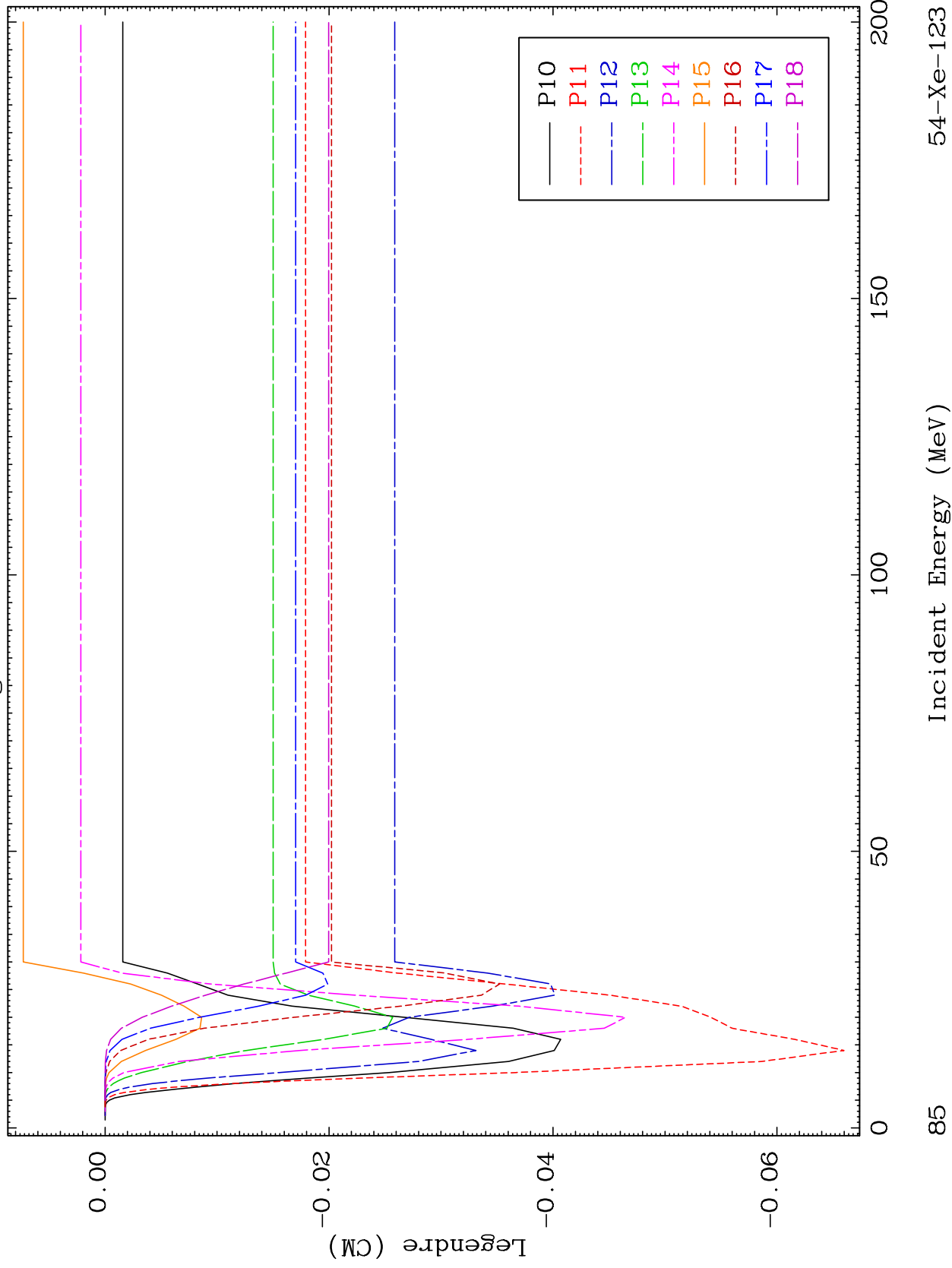
Incident Energy (MeV)

84

MAT 5422

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

54-Xe-123



54-Xe-123

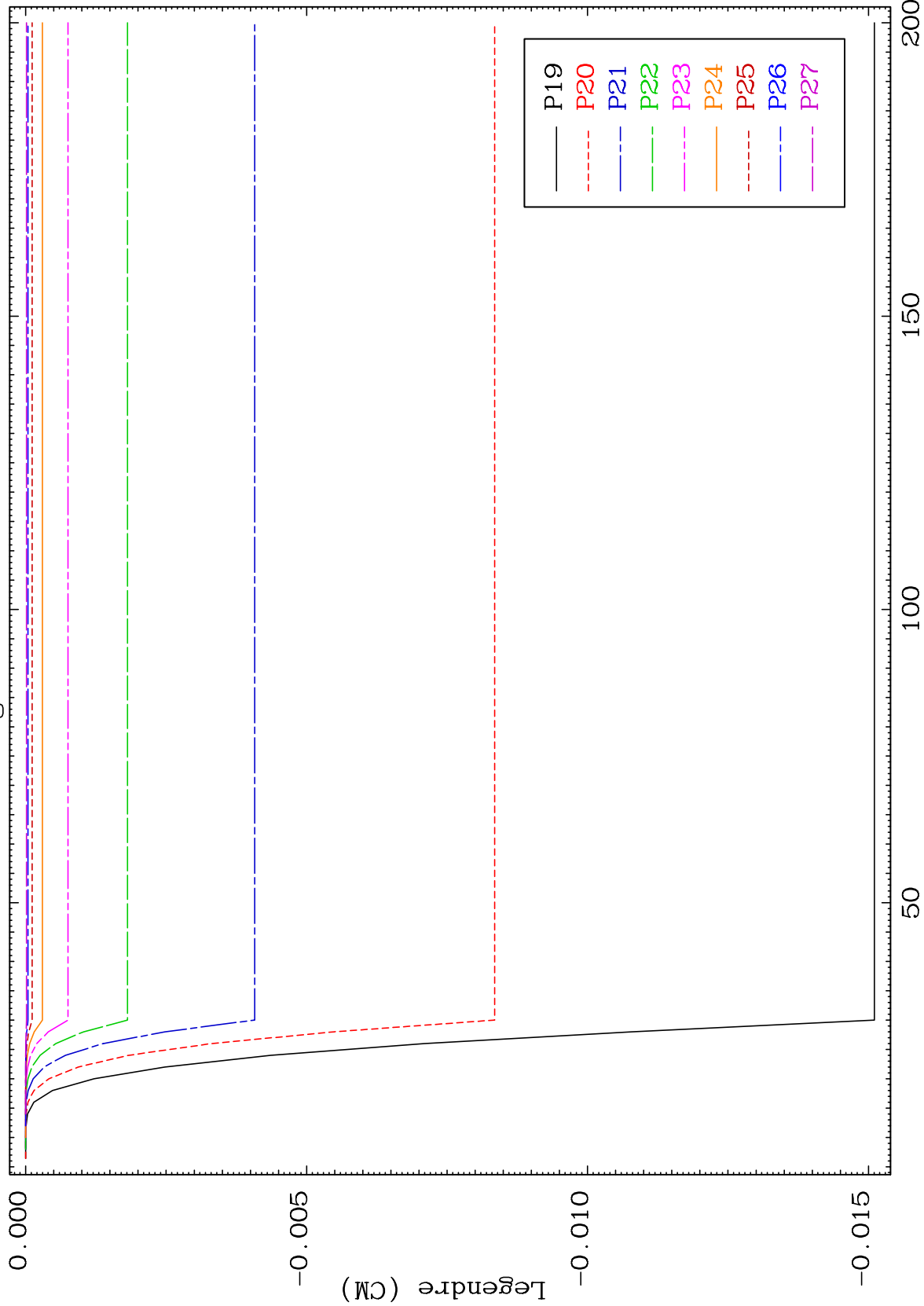
Incident Energy (MeV)

85

MAT 5422

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

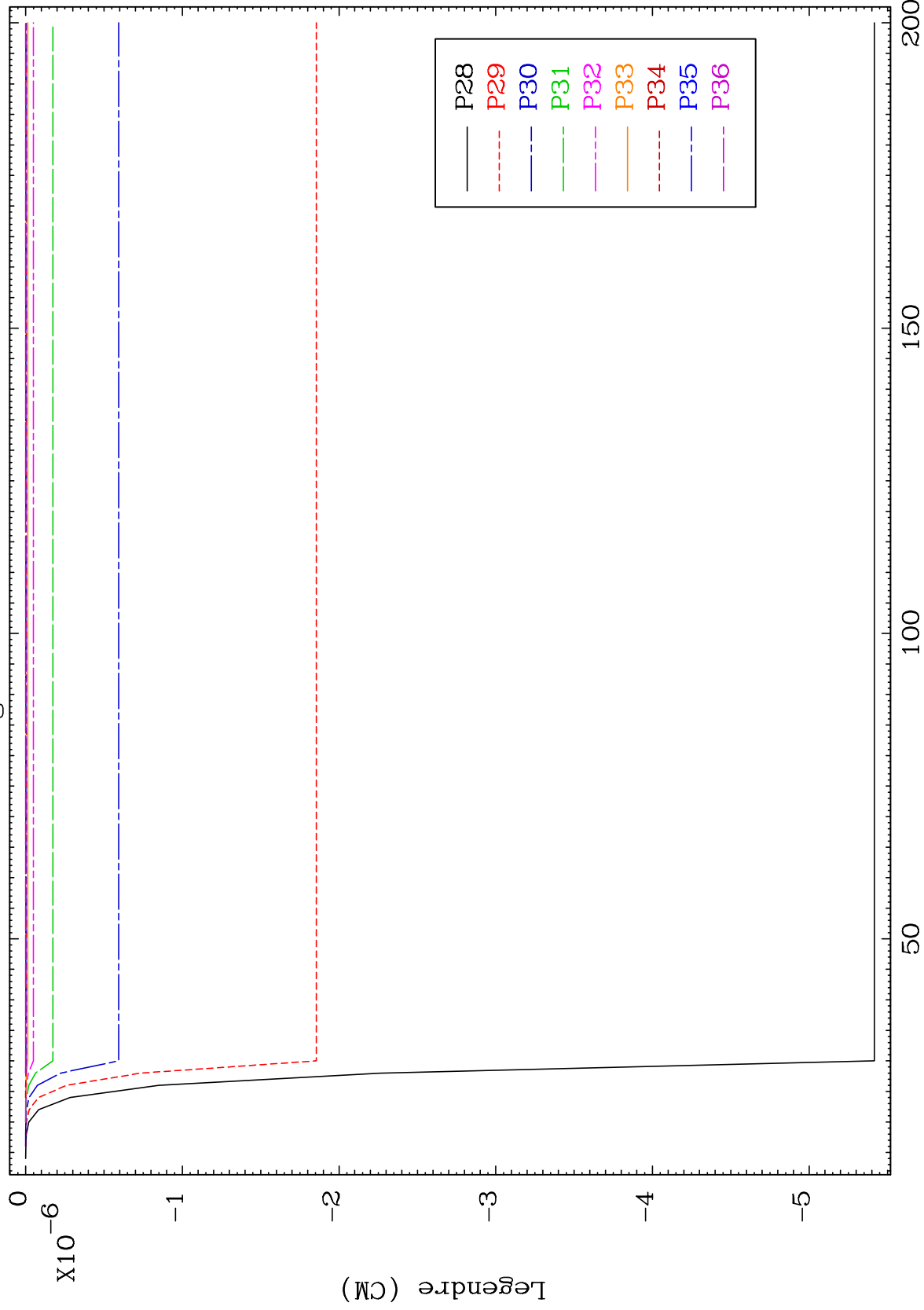
54-Xe-123



MAT 5422

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

54-Xe-123



87

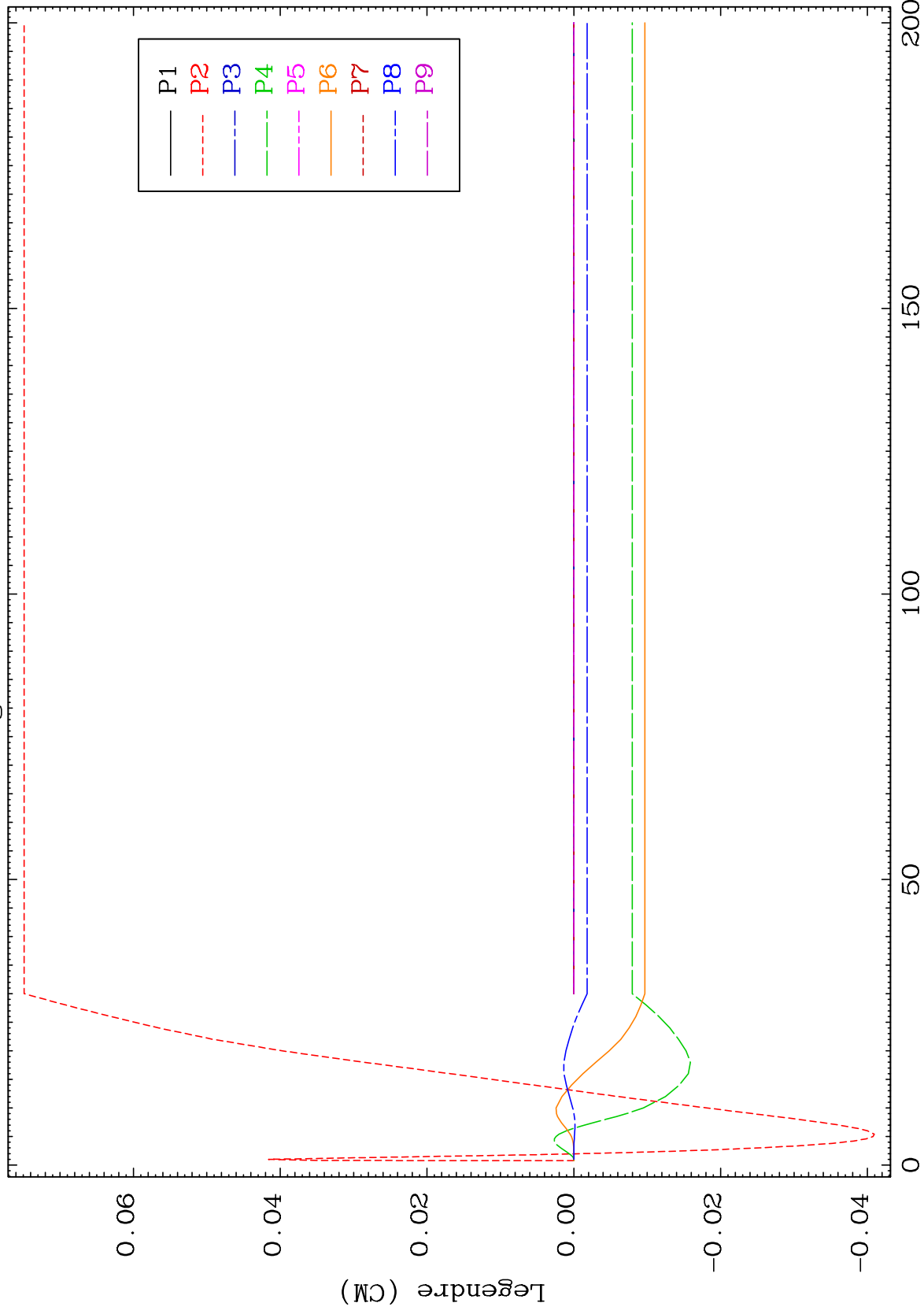
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



54-Xe-123

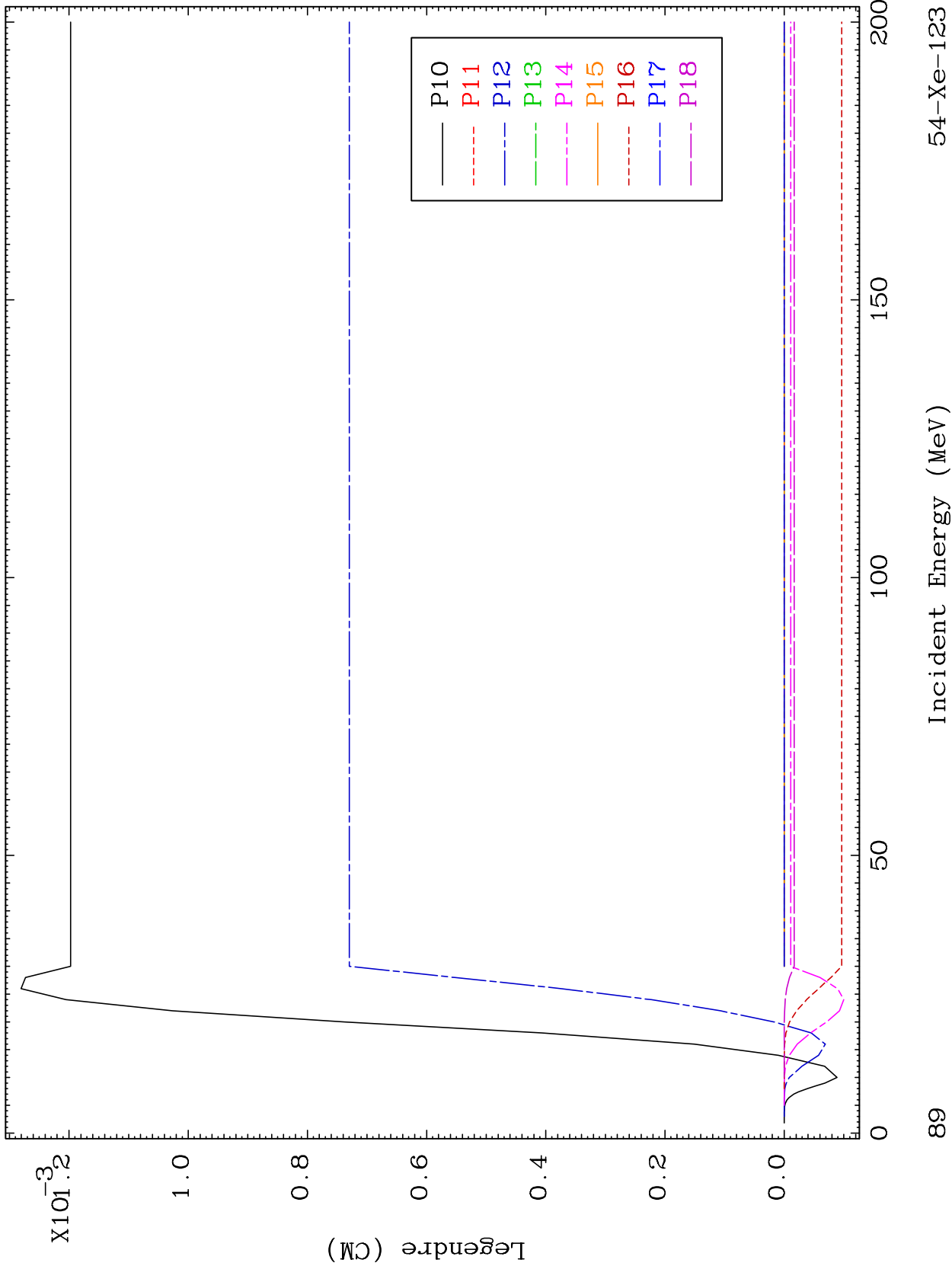
Incident Energy (MeV)

88

MAT 5422

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

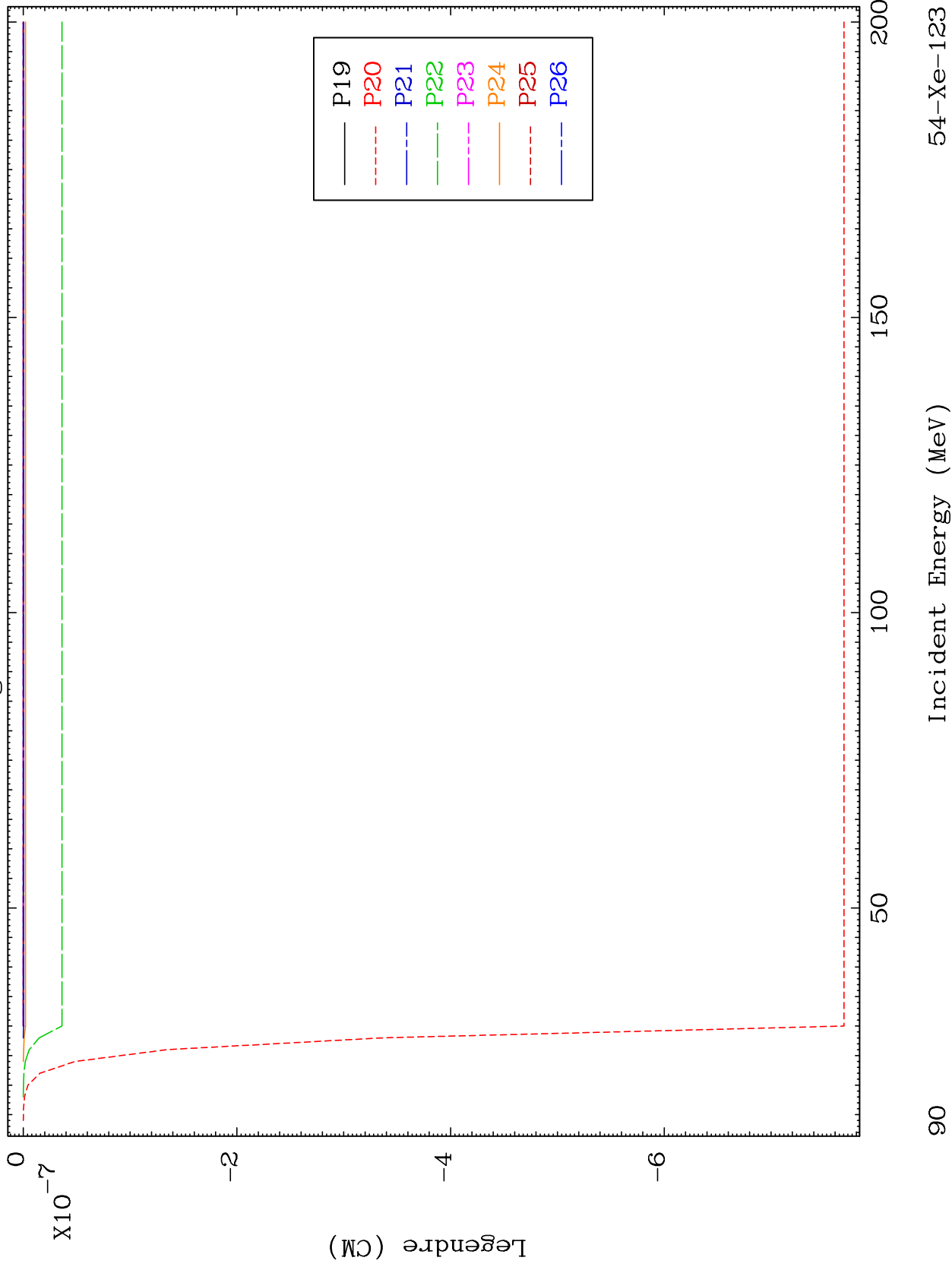
54-Xe-123



MAT 5422

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

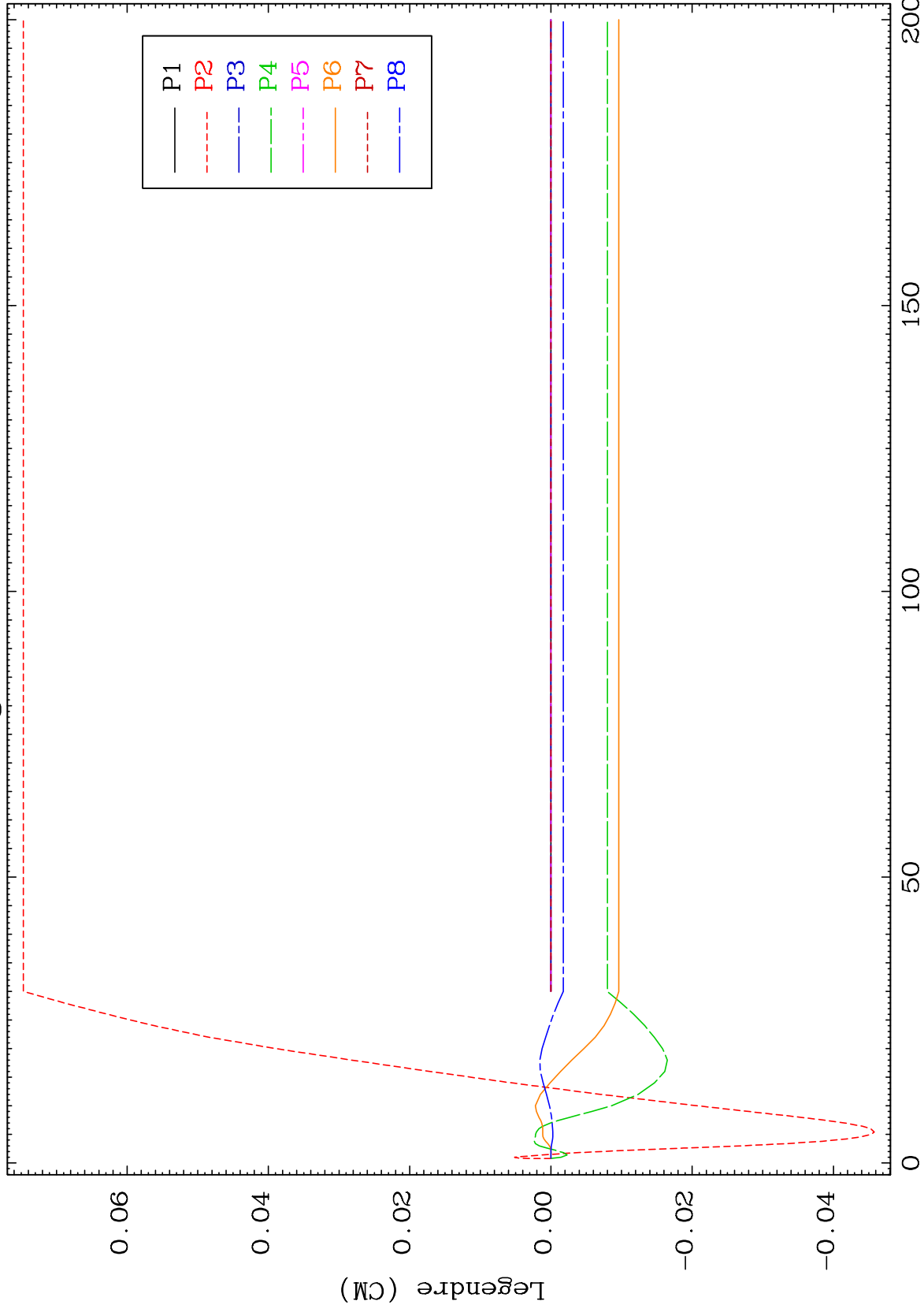
54-Xe-123



MAT 5422

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

54-Xe-123



91

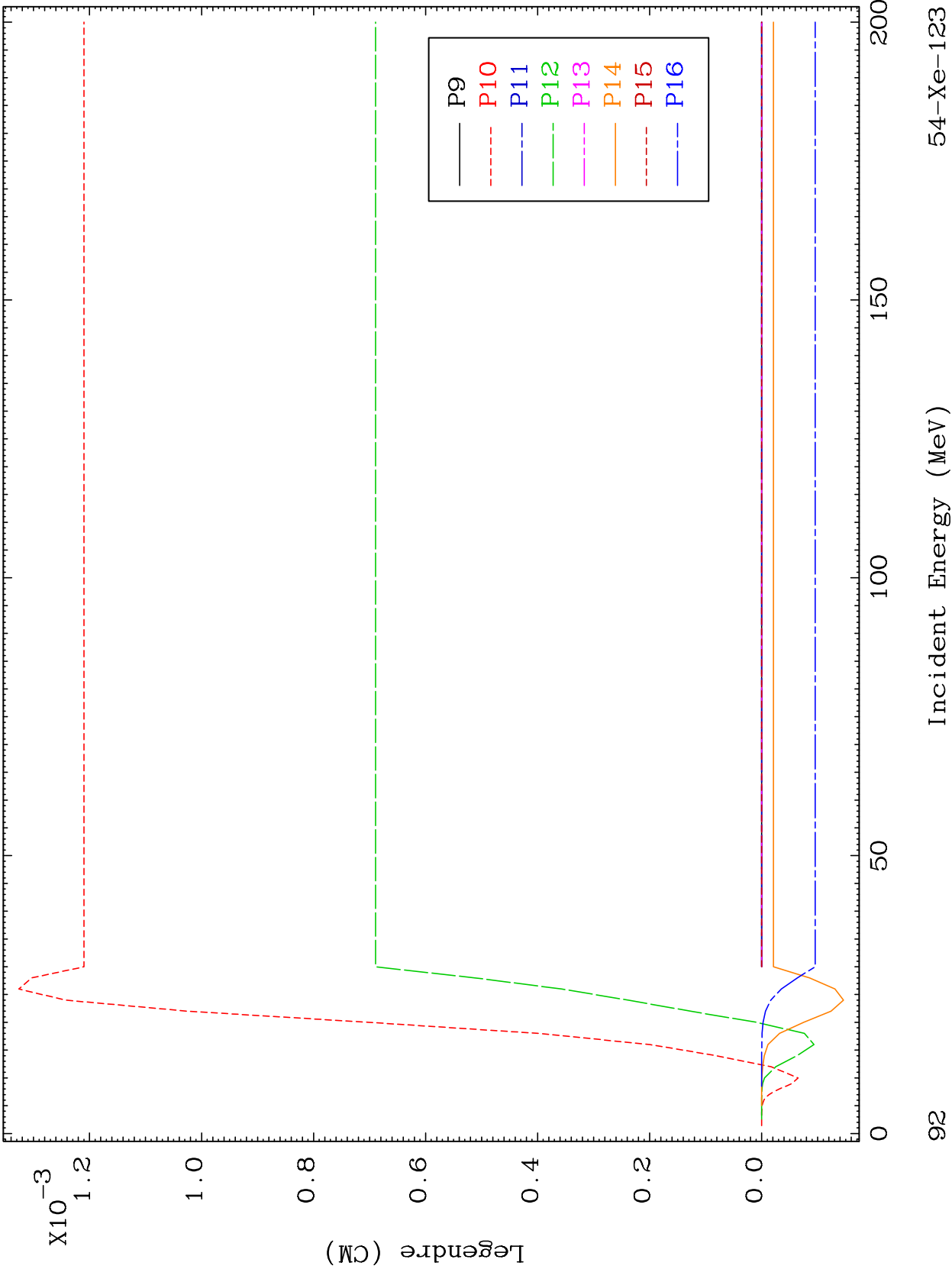
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



54-Xe-123

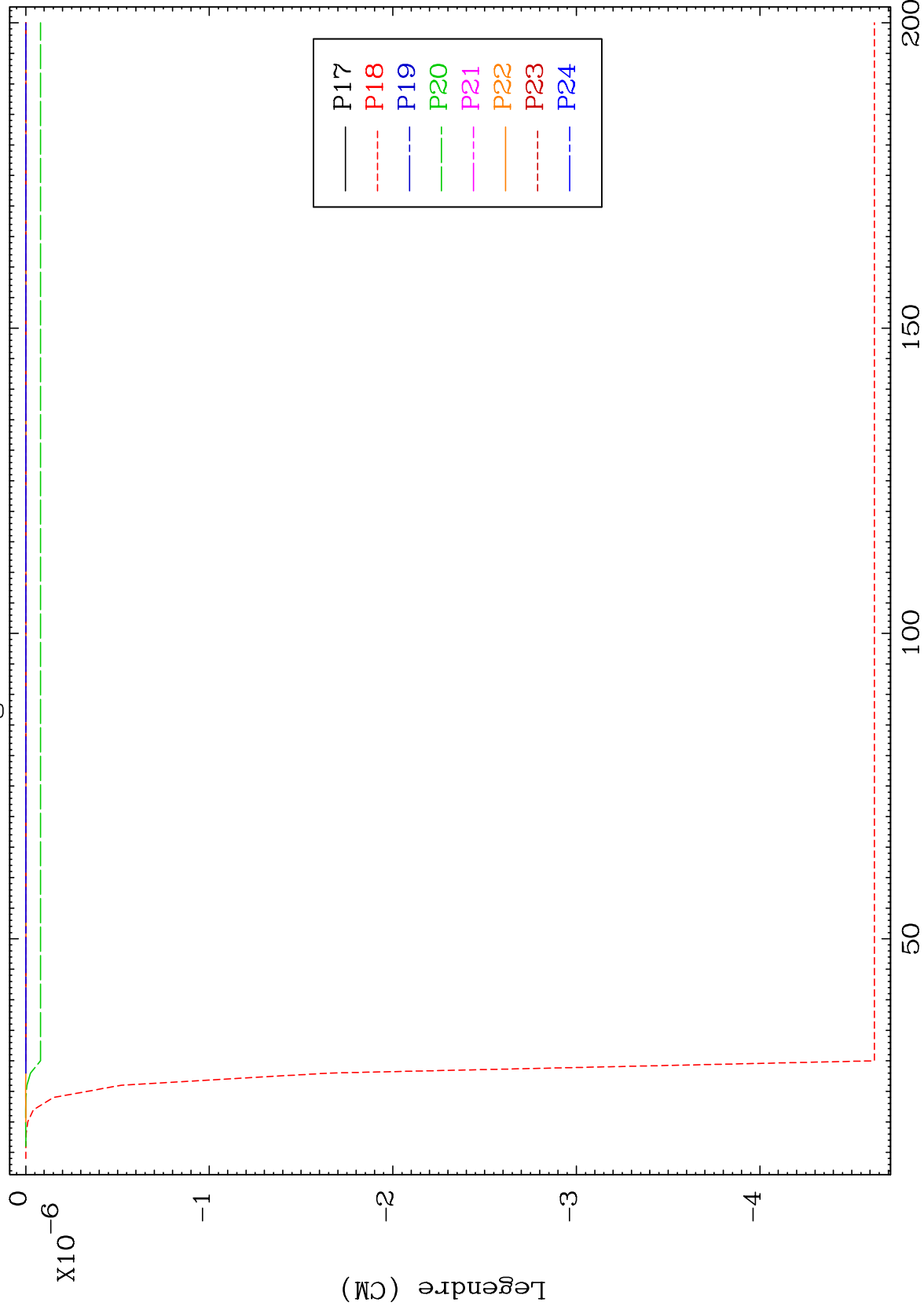
Incident Energy (MeV)

92

MAT 5422

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

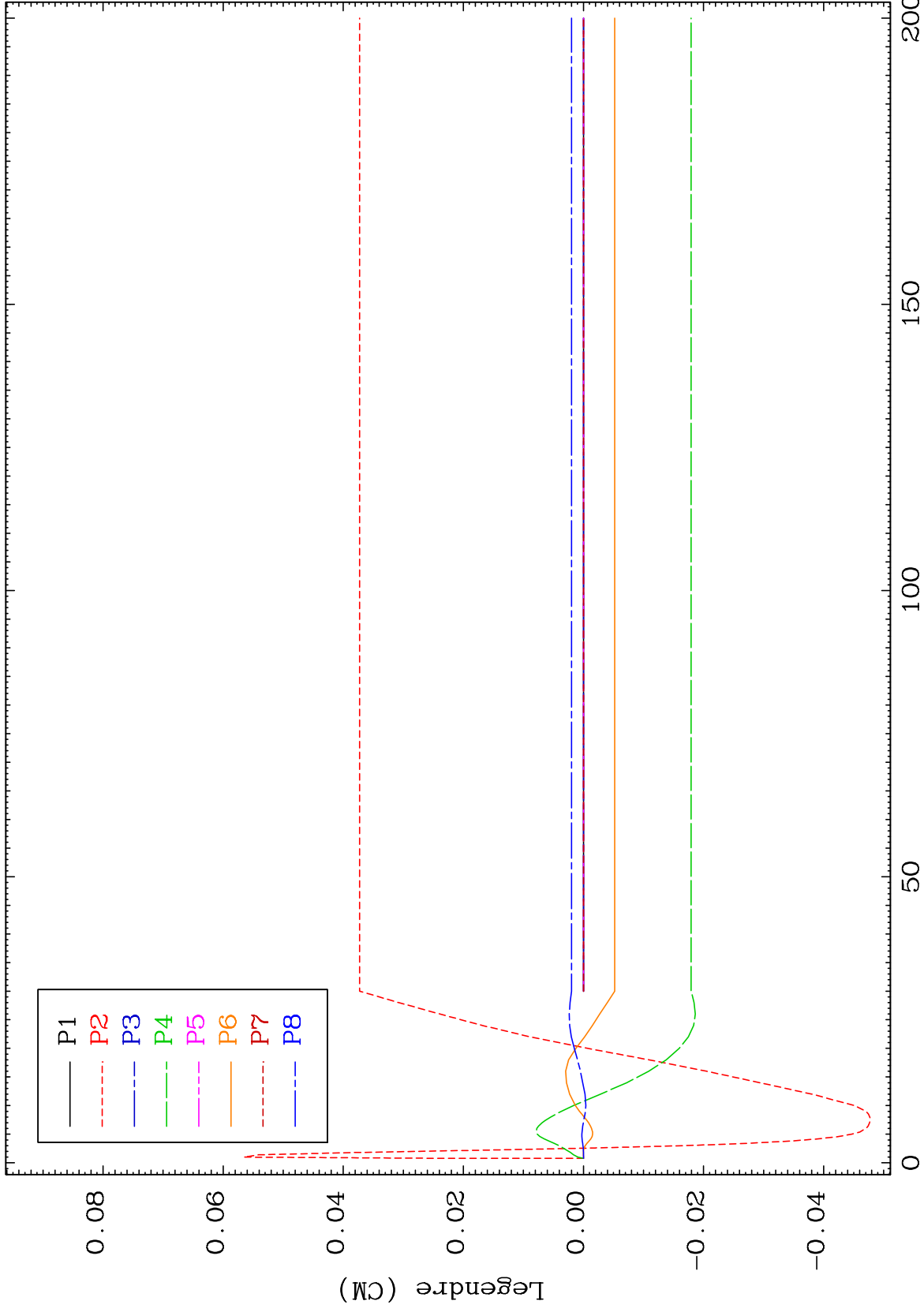
54-Xe-123



MAT 5422

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

54-Xe-123



94

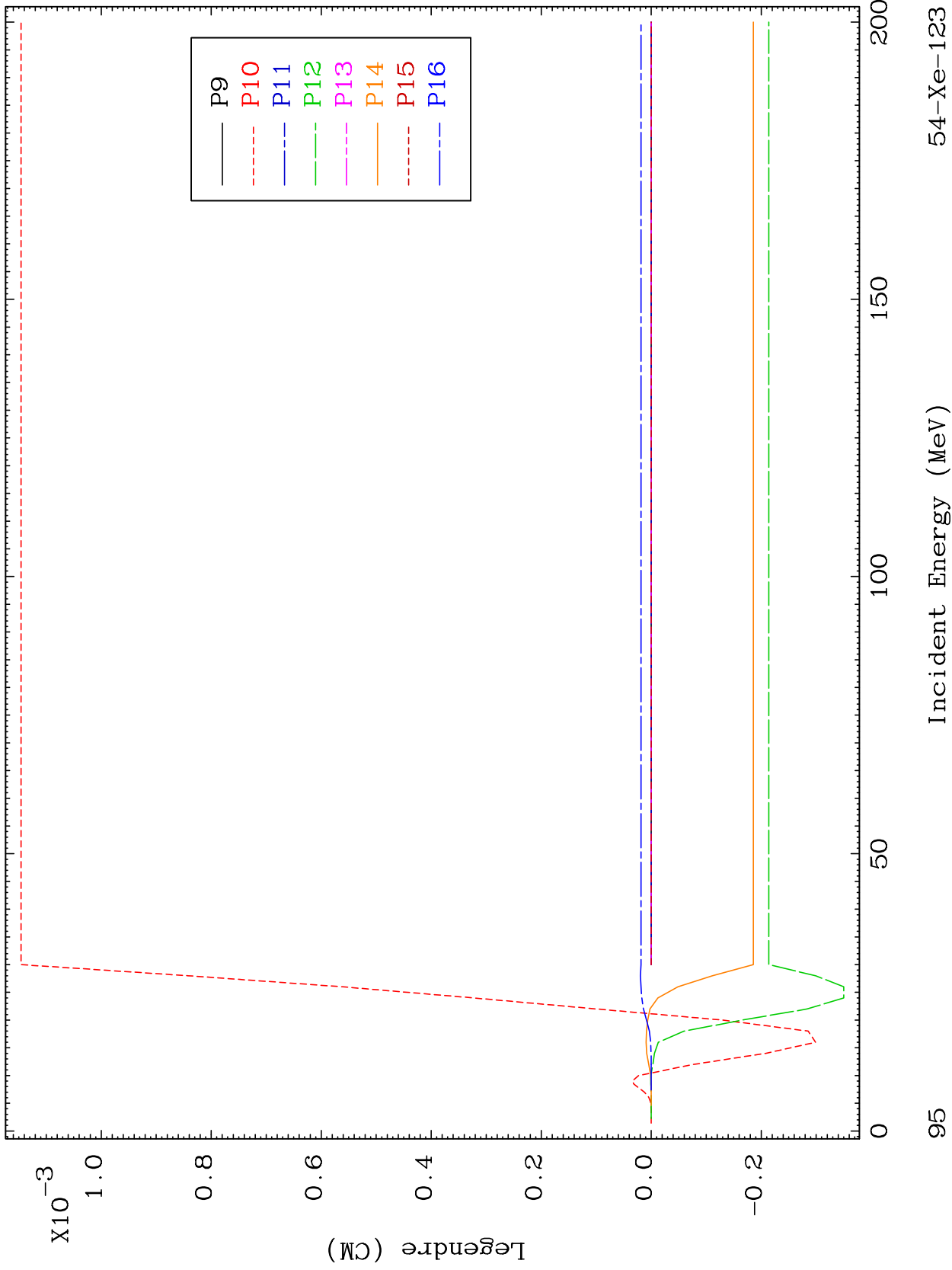
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



54-Xe-123

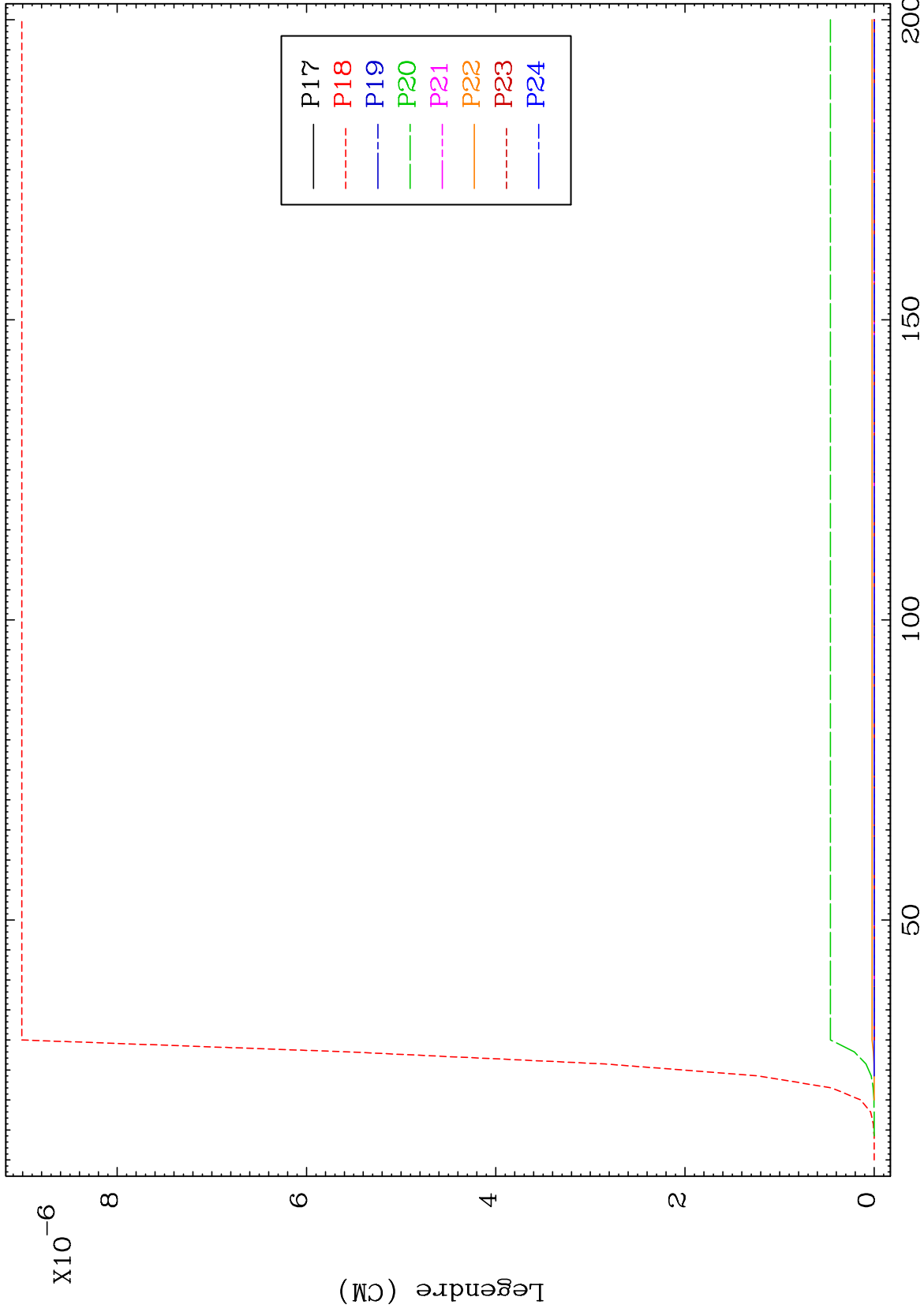
Incident Energy (MeV)

95

MAT 5422

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

54-Xe-123



96

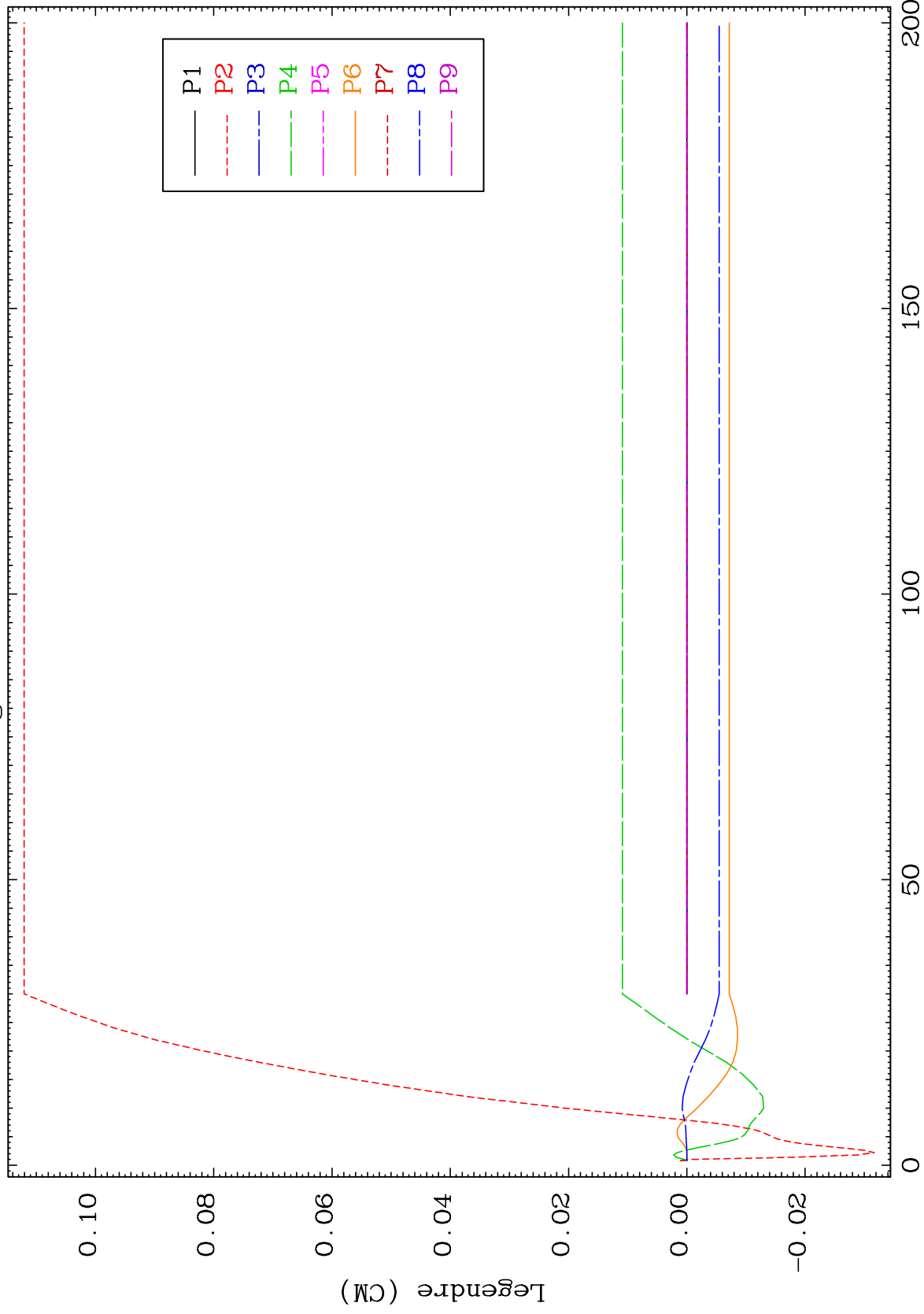
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



97

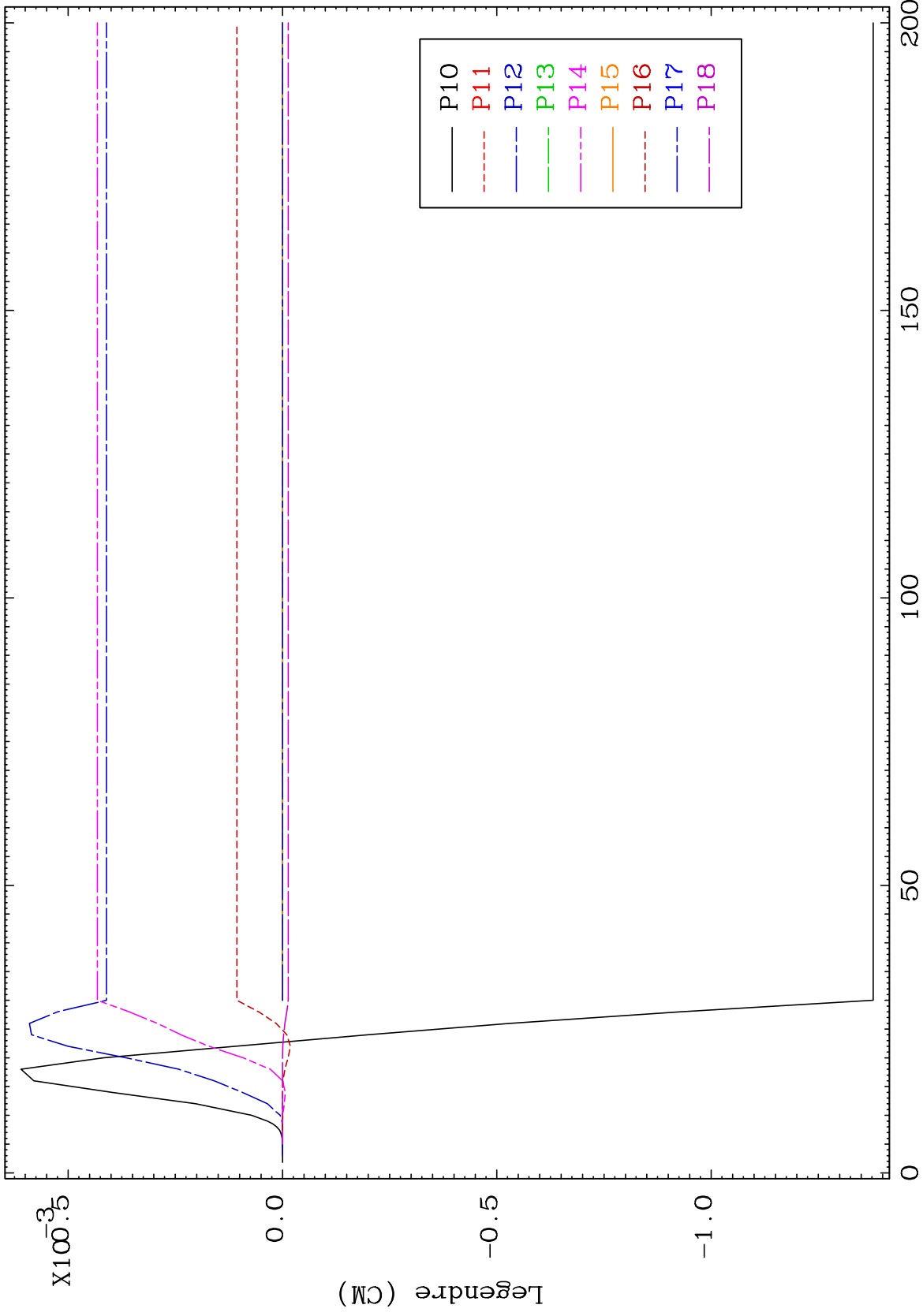
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



98

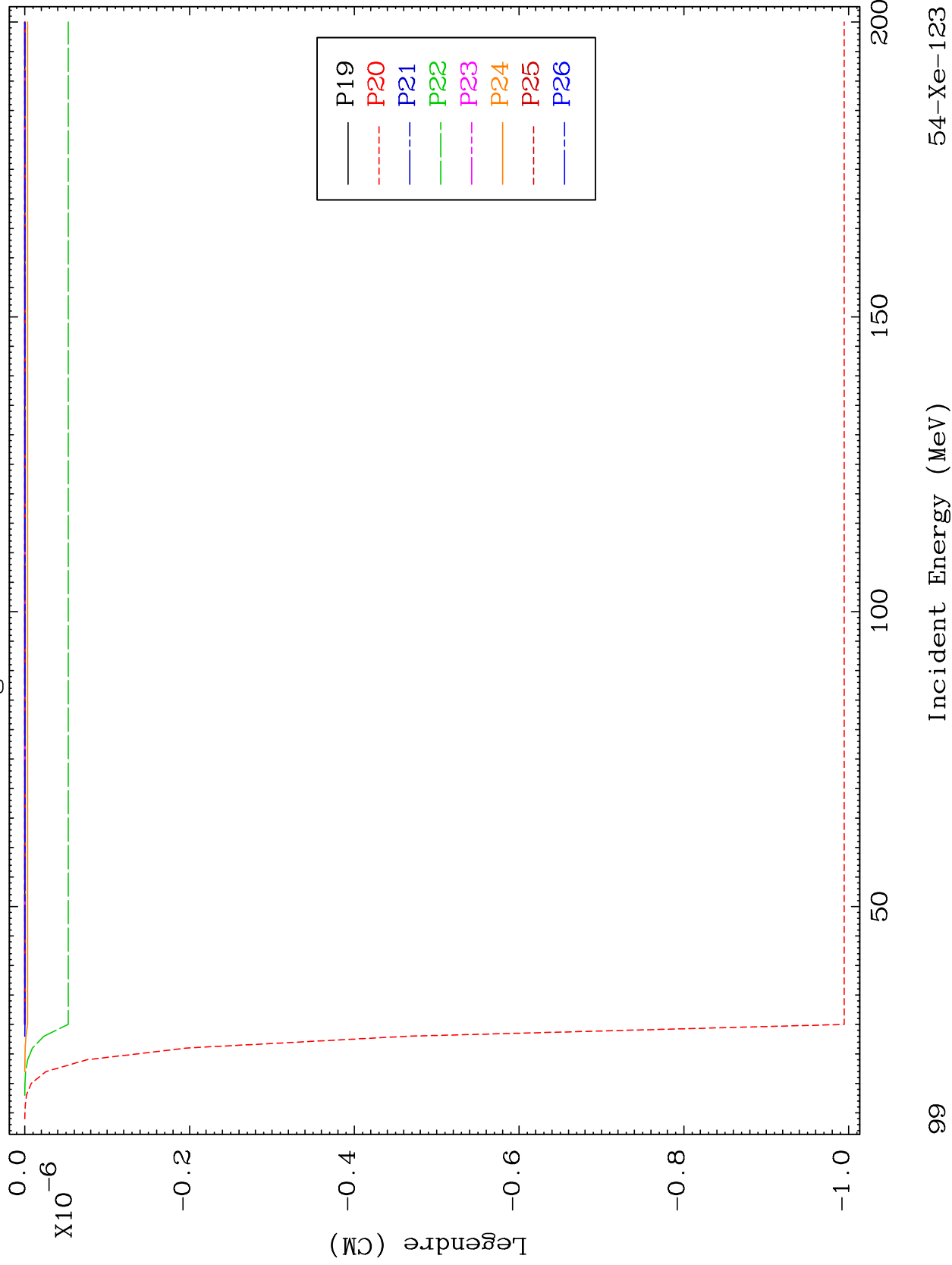
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123



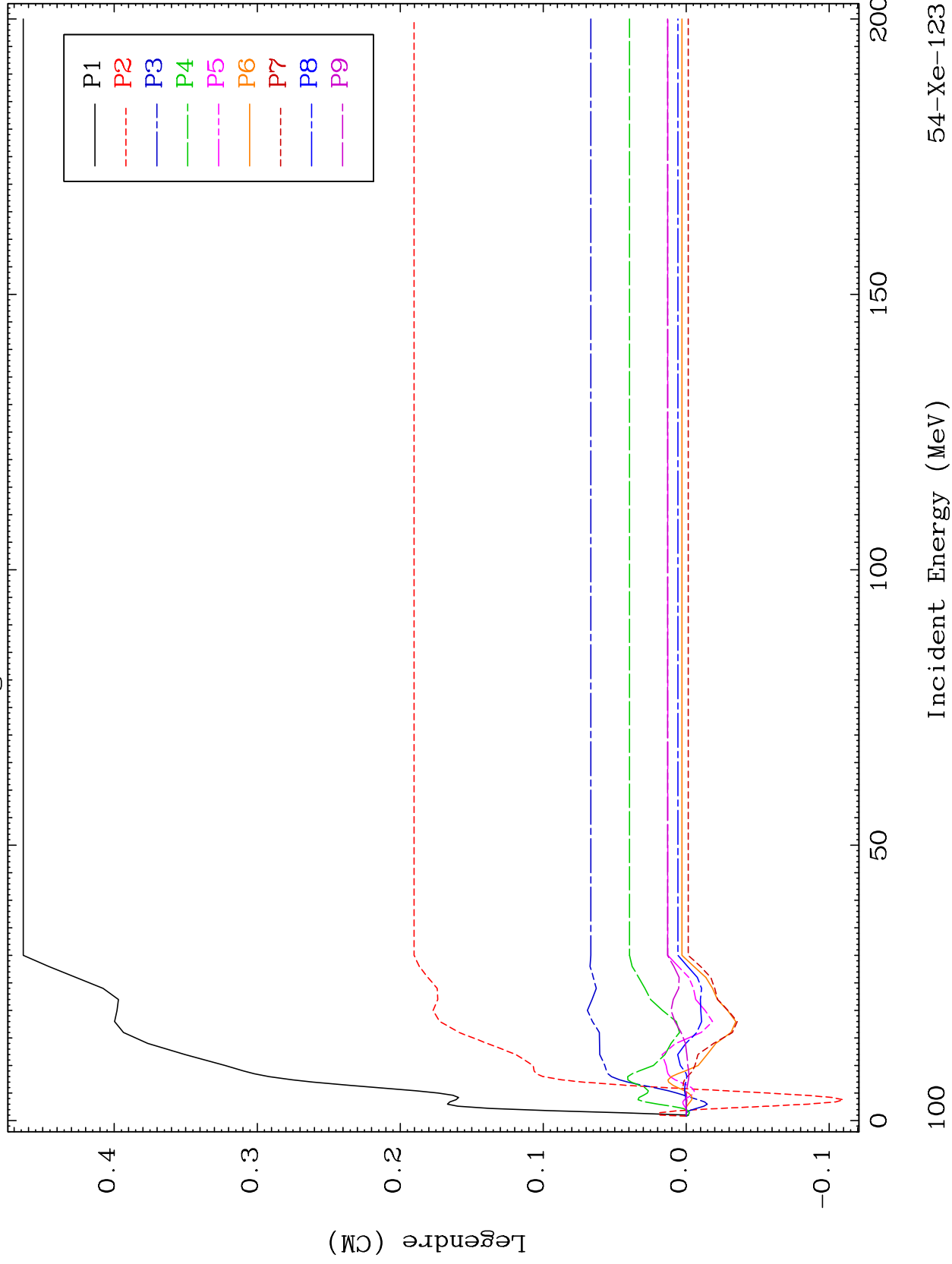
99

54-Xe-123

MAT 5422

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

54-Xe-123

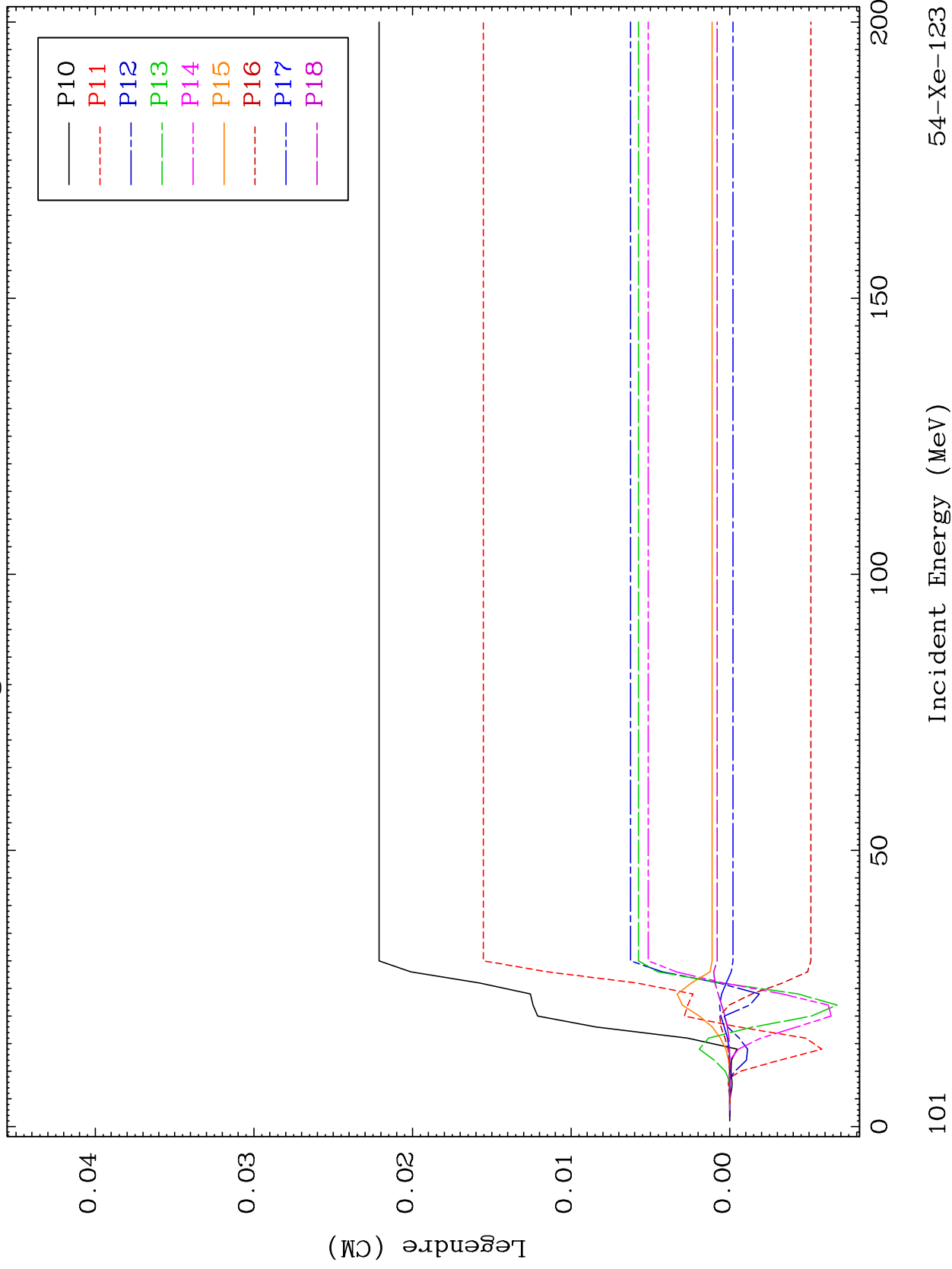


54-Xe-123

MAT 5422

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

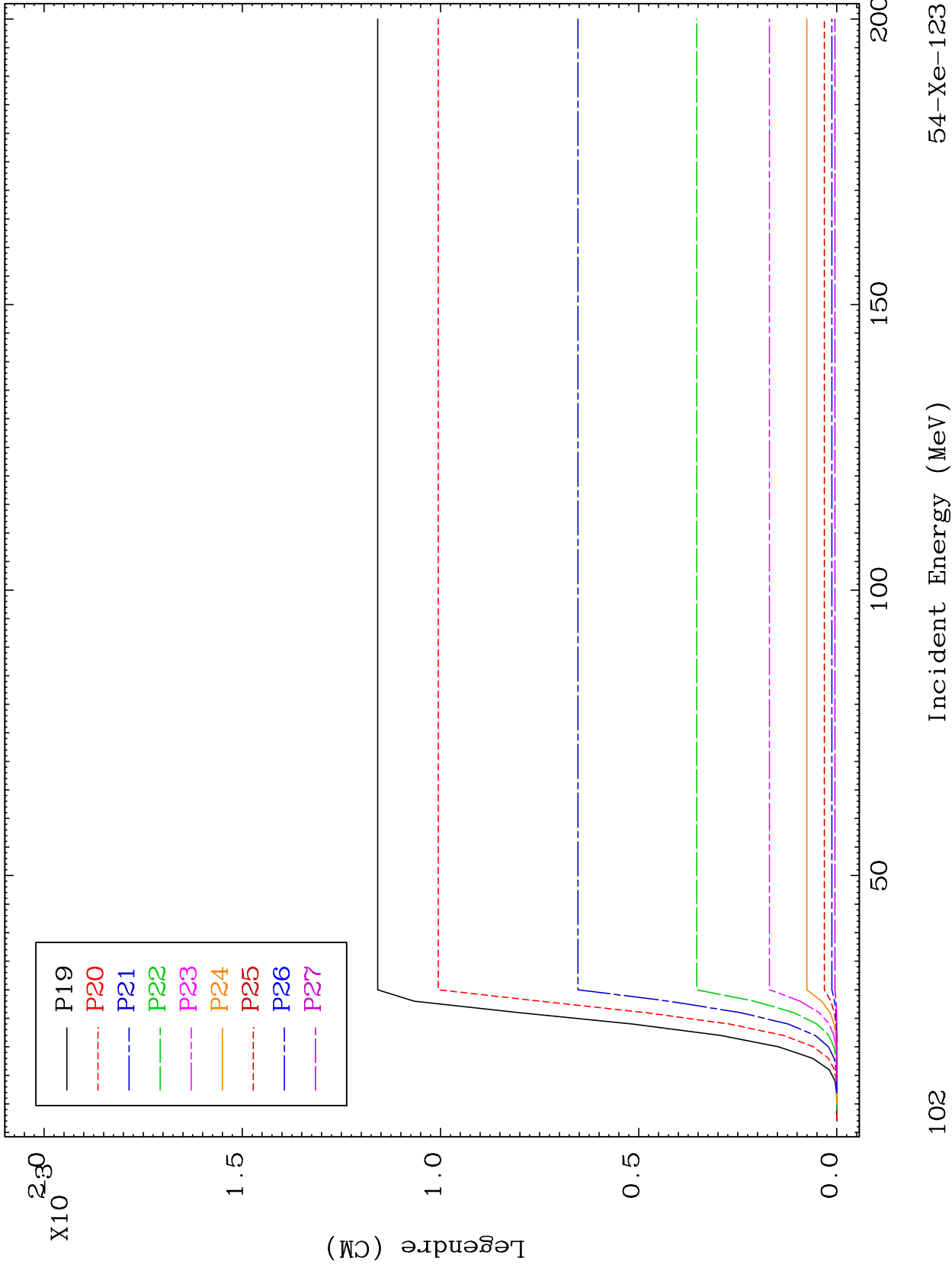
54-Xe-123



54-Xe-123

Incident Energy (MeV)

101

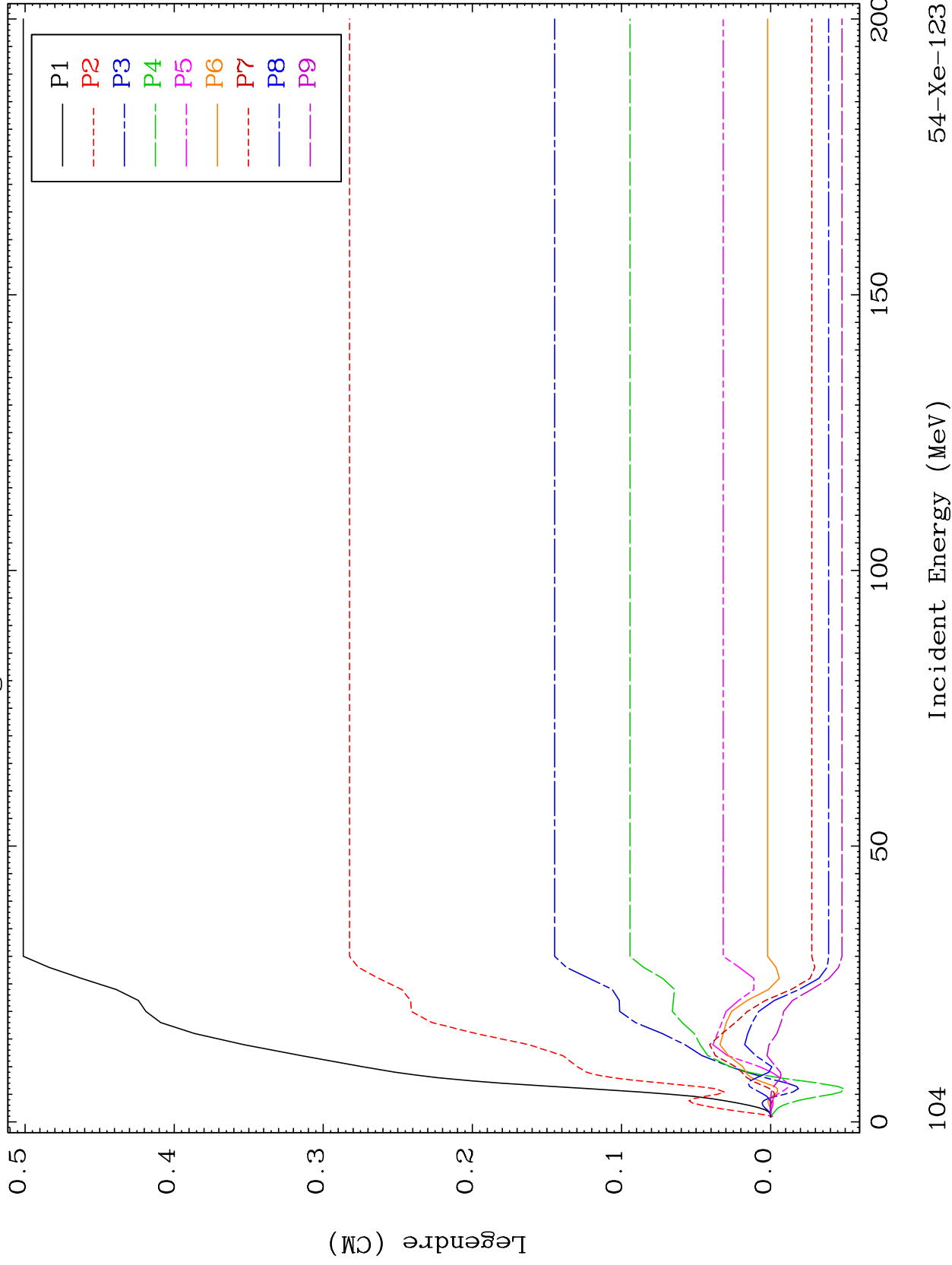


MAT 5422

MT= 77 (n,n') Level

54-Xe-123

Legendre Coefficients



54-Xe-123

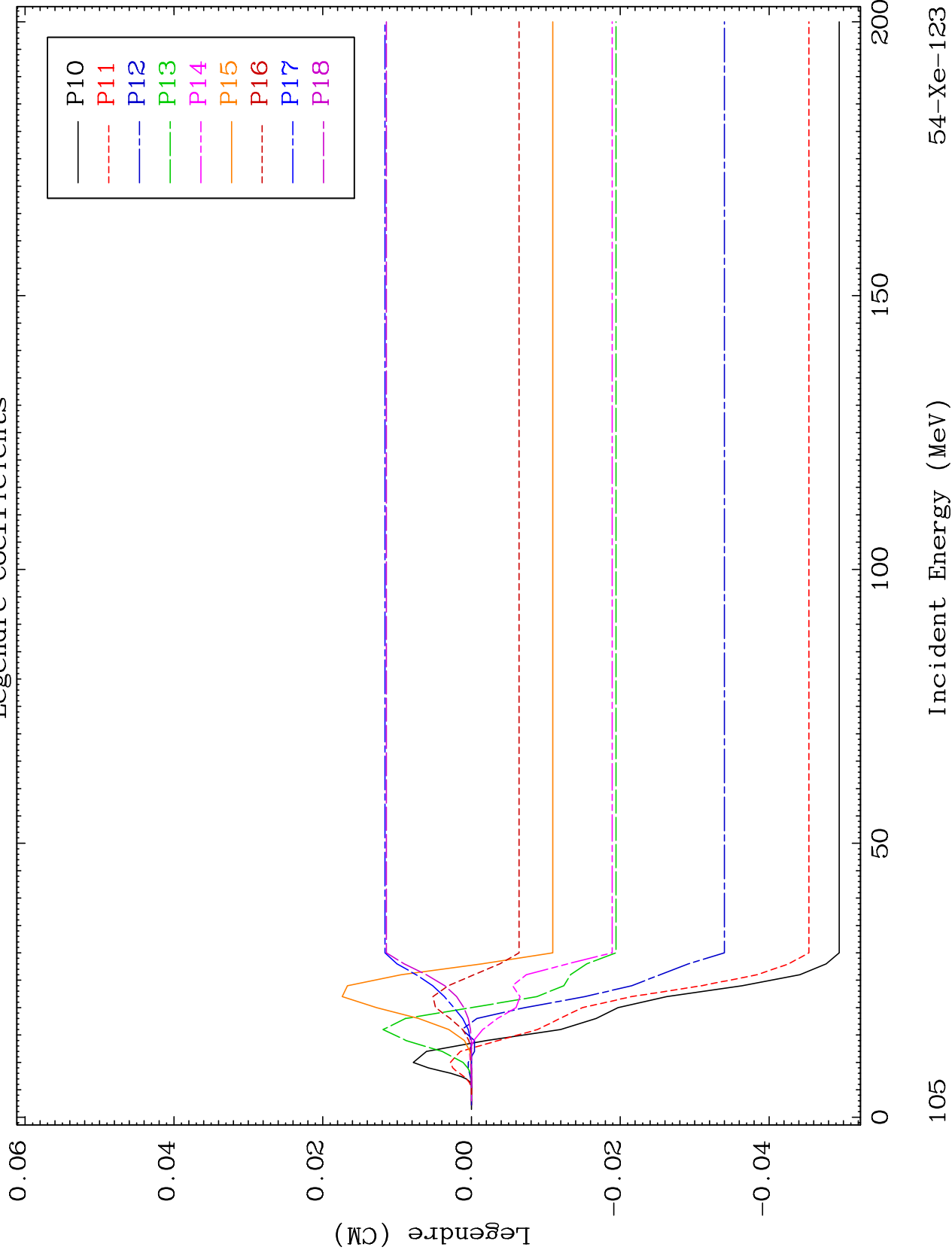
Incident Energy (MeV)

104

MAT 5422

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

54-Xe-123



54-Xe-123

Incident Energy (MeV)

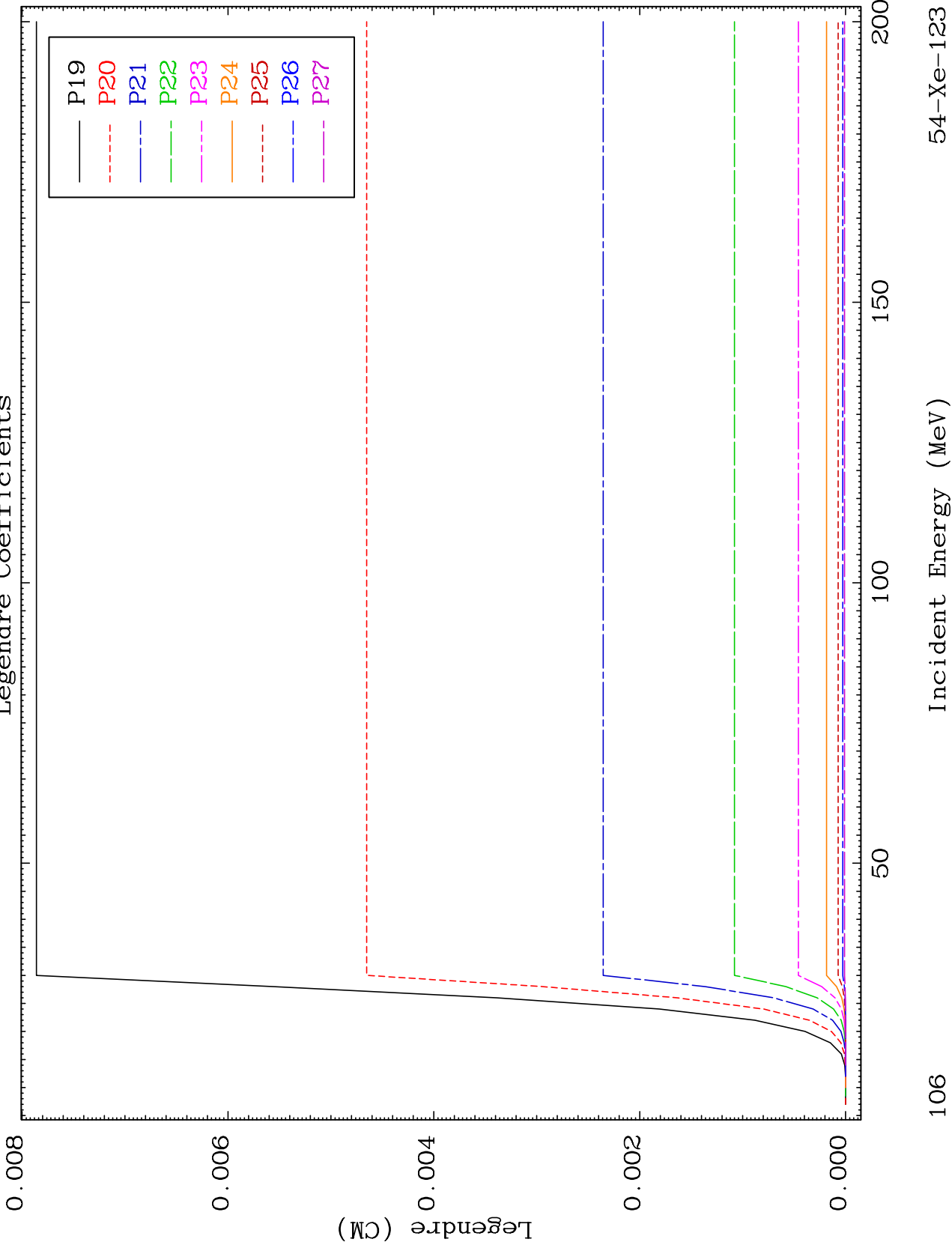
105

MAT 5422

MT= 77 (n,n') Level

54-Xe-123

Legendre Coefficients



106

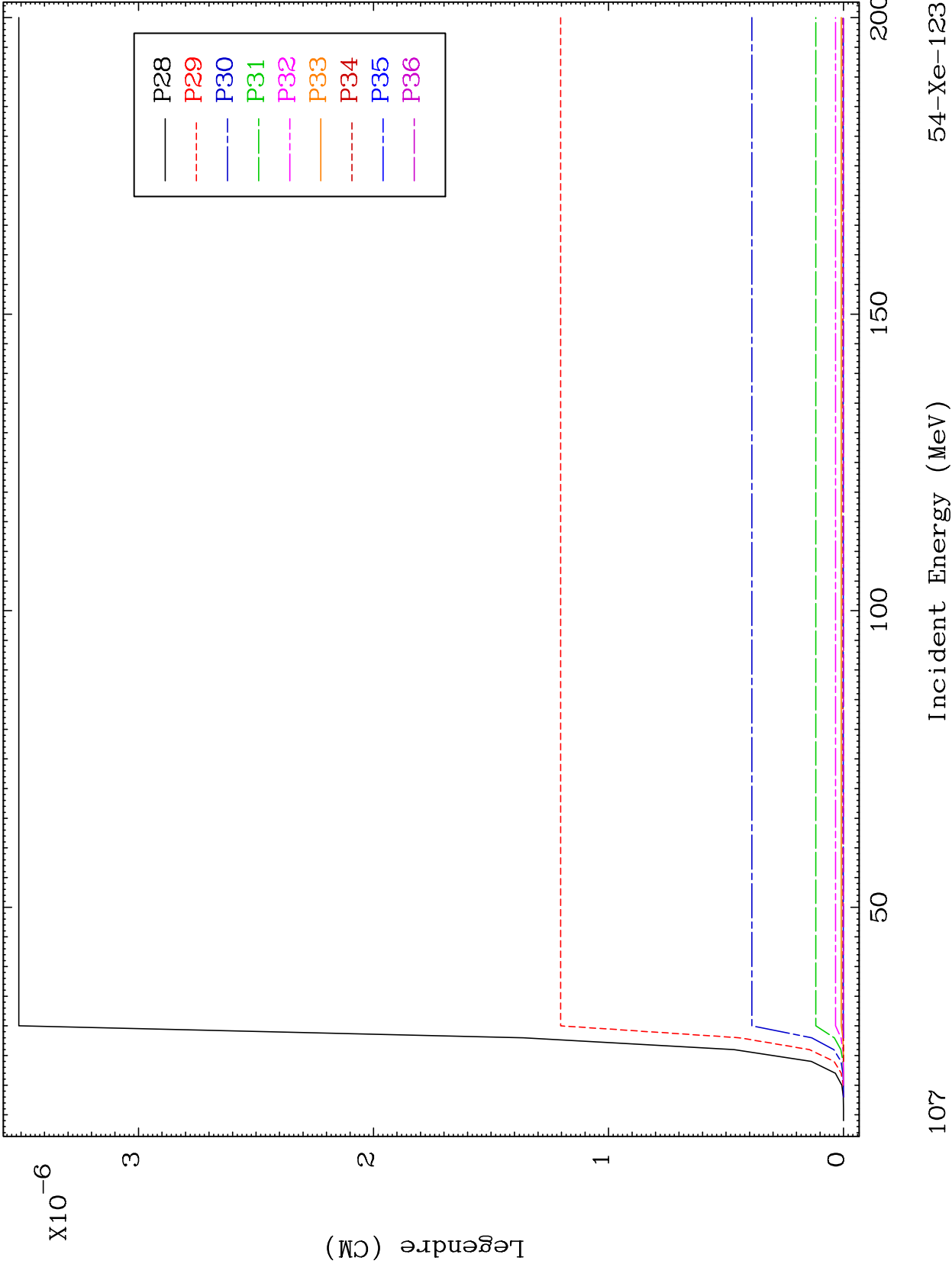
Incident Energy (MeV)

54-Xe-123

MAT 5422

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

54-Xe-123

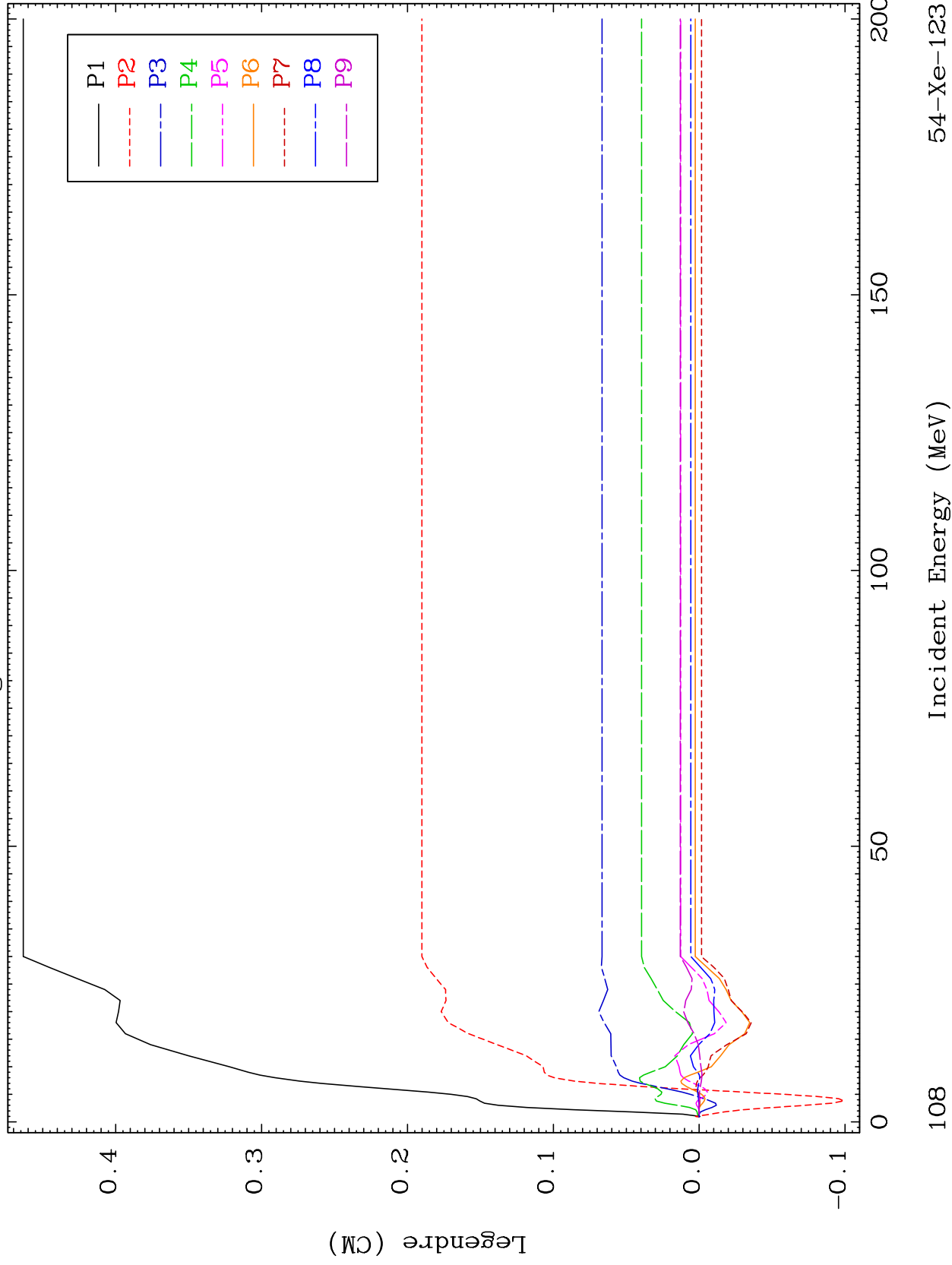


107

MAT 5422

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

54-Xe-123



54-Xe-123

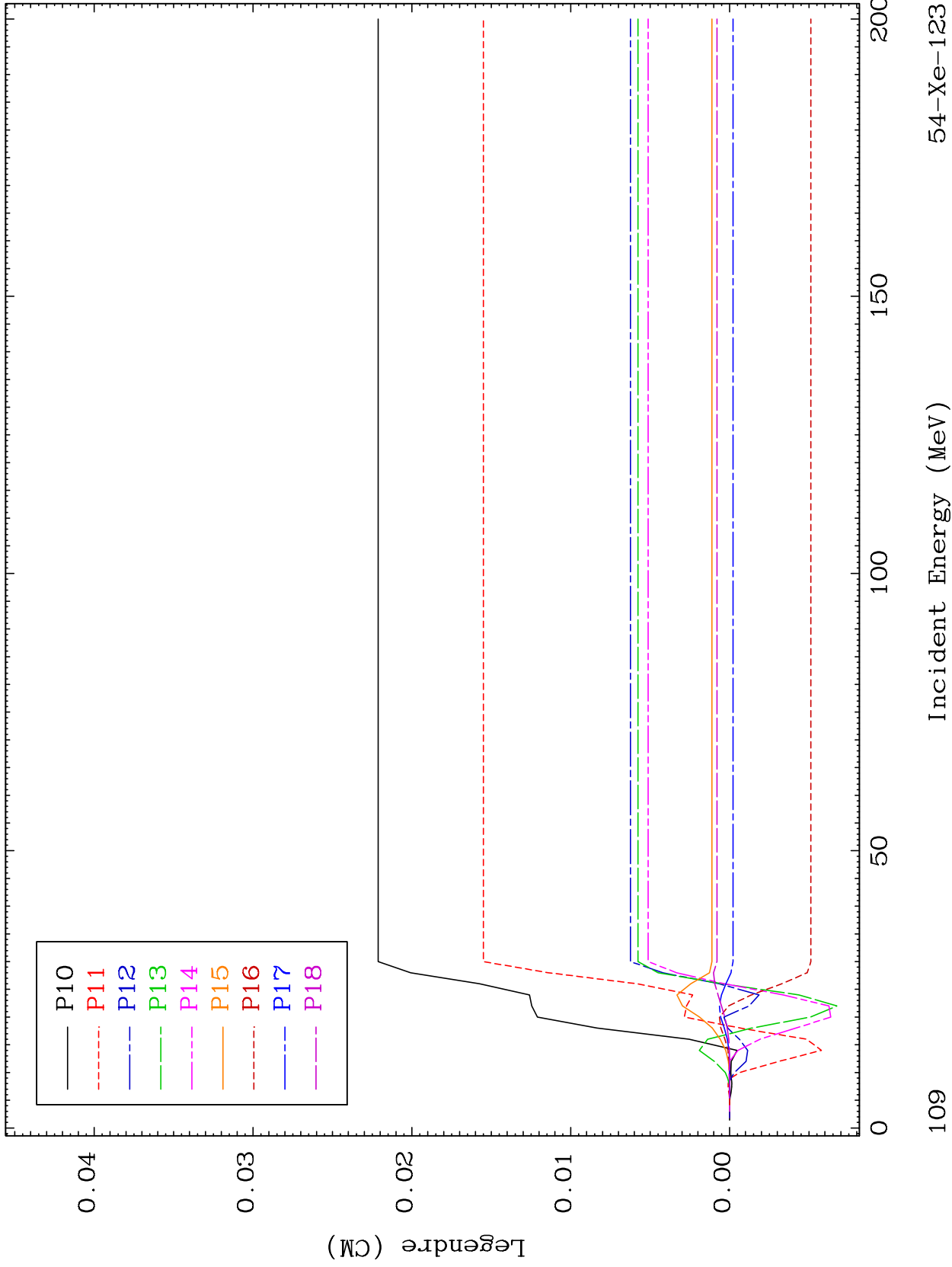
Incident Energy (MeV)

108

MAT 5422

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

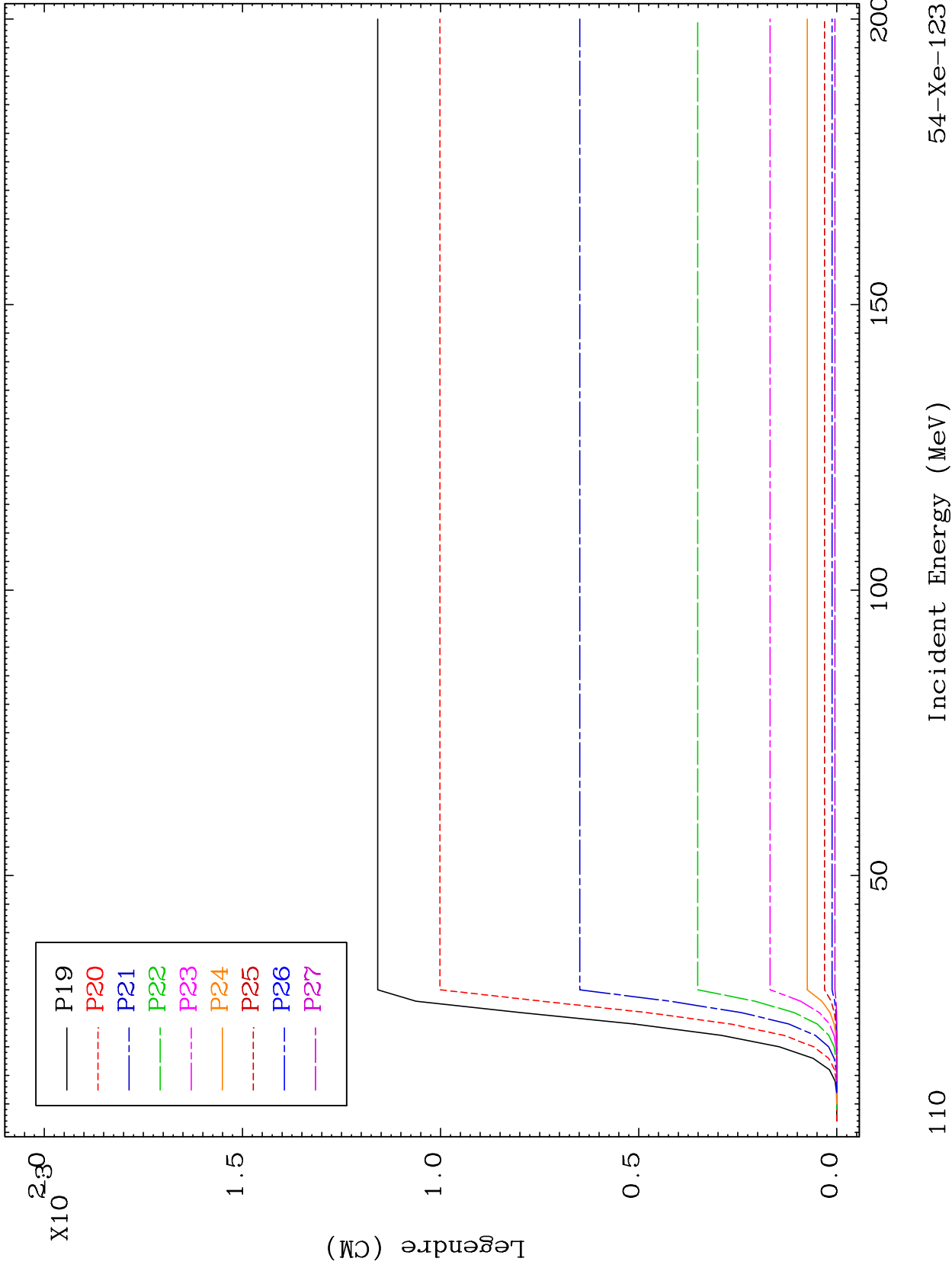
54-Xe-123



MAT 5422

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

54-Xe-123



110

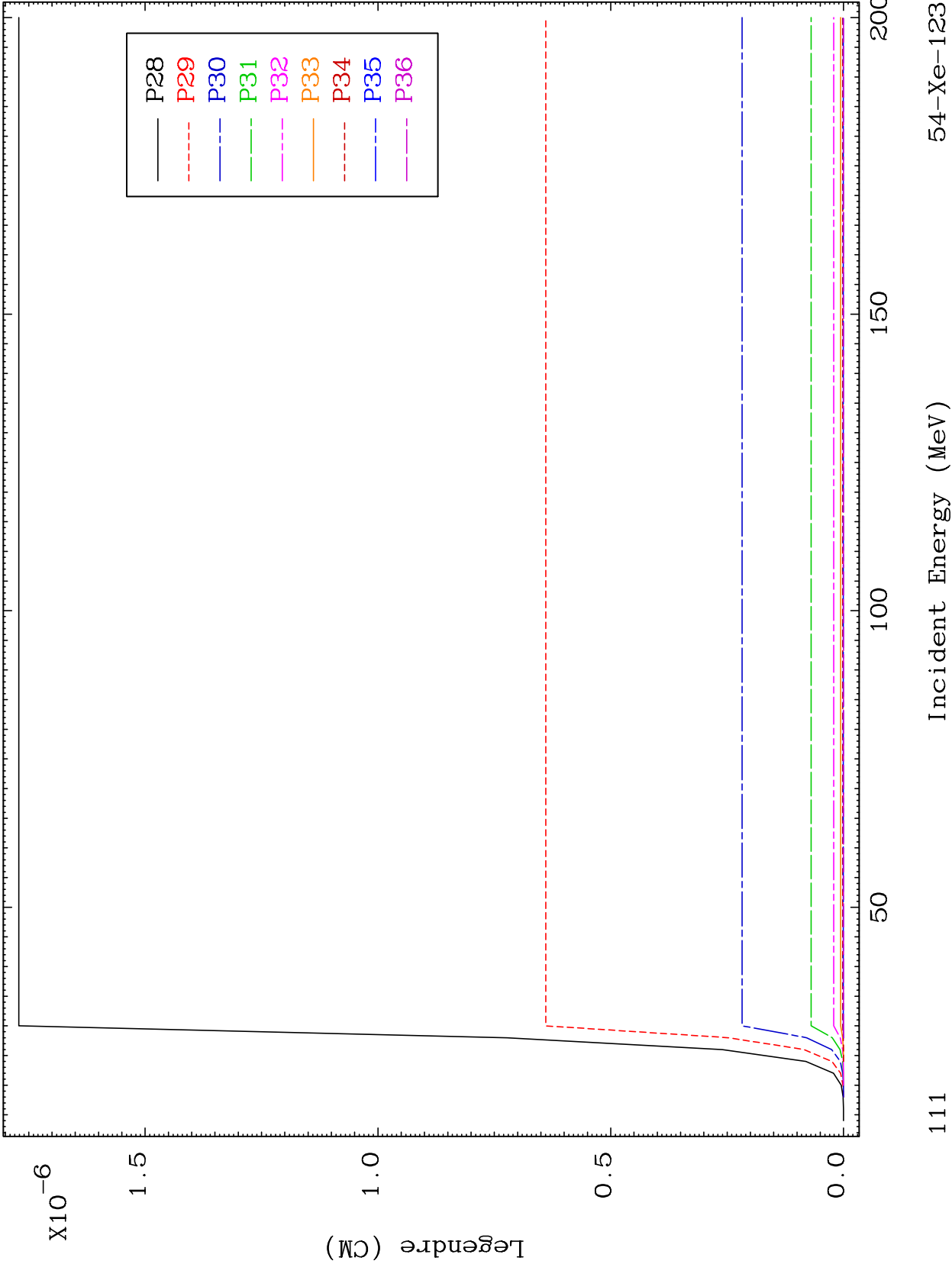
Incident Energy (MeV)

54-Xe-123

MAT 5422

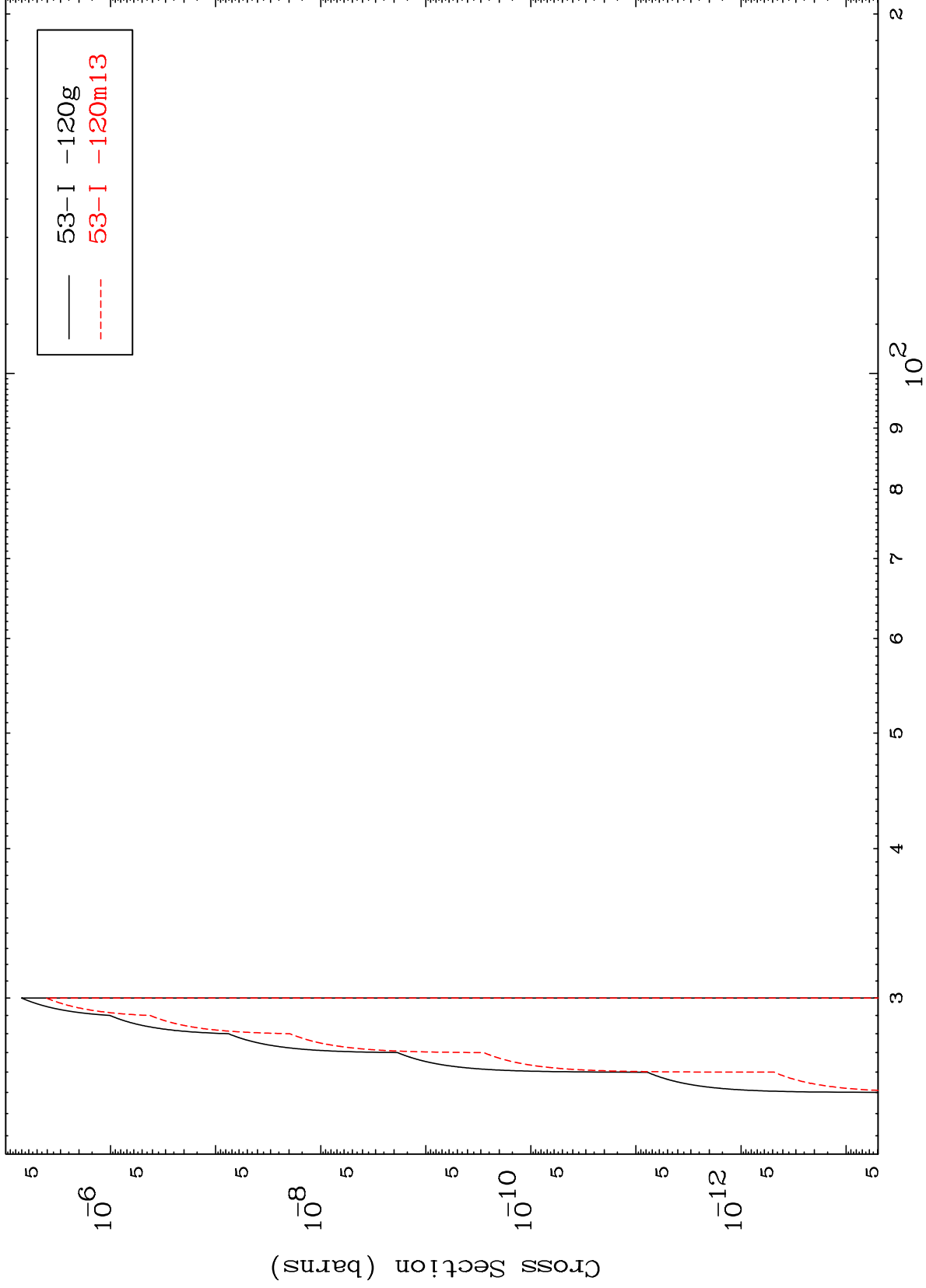
MT= 78 (n,n') Level
Legendre Coefficients

54-Xe-123



111

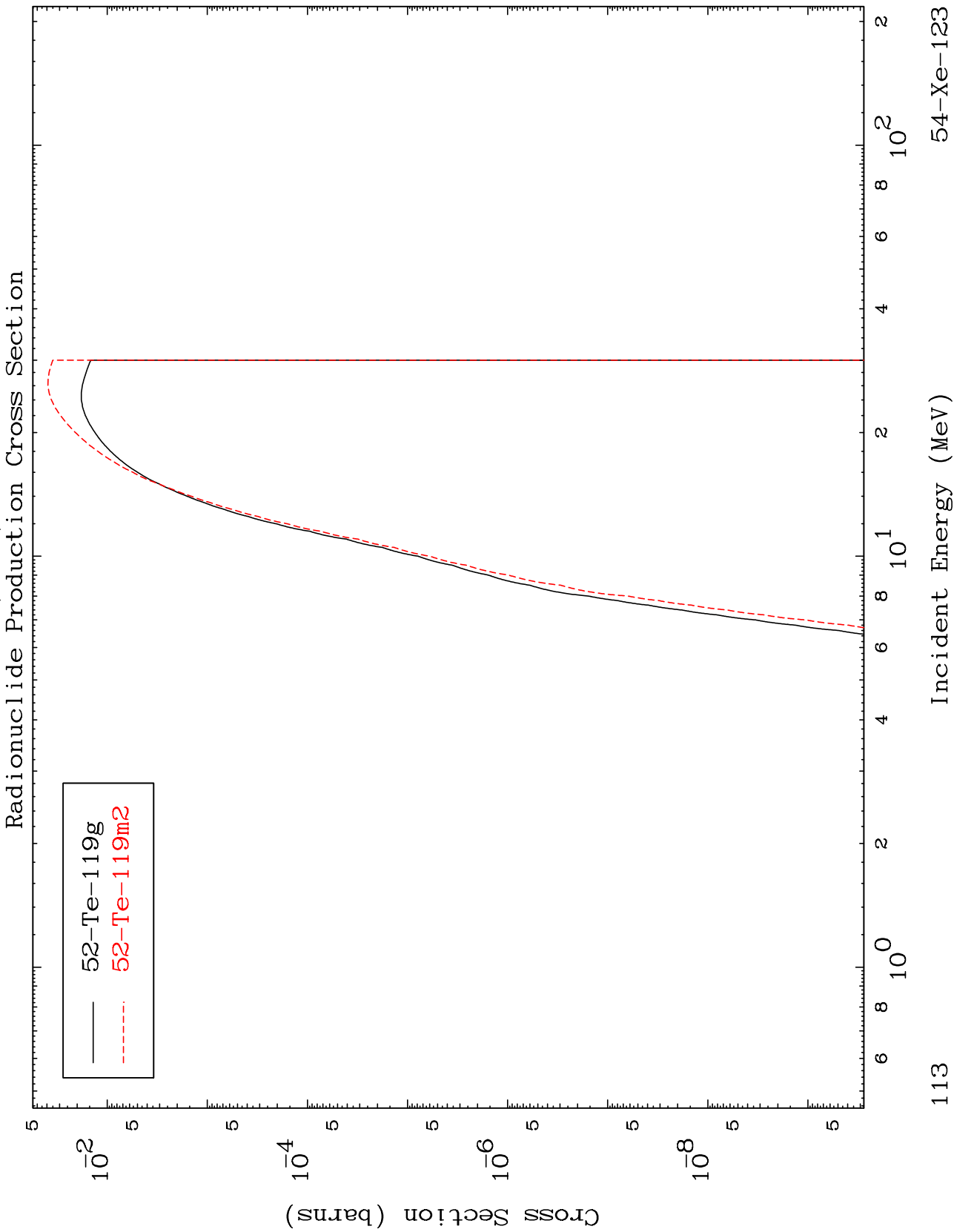
Radionuclide Production Cross Section



MAT 5422

(n,n') α

54-Xe-123



113

Incident Energy (MeV)

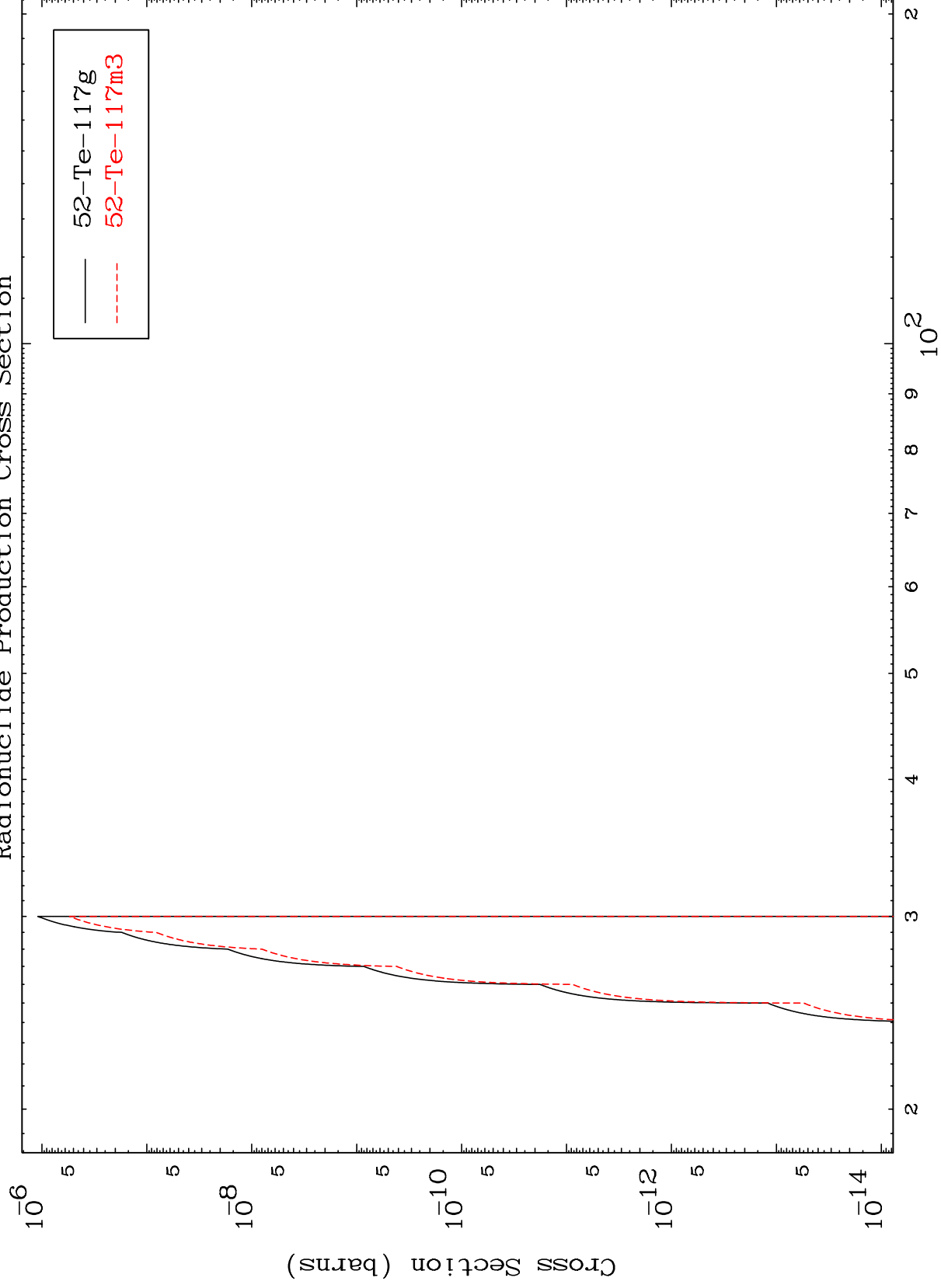
54-Xe-123

MAT 5422

(n,3n) α

54-Xe-123

Radionuclide Production Cross Section

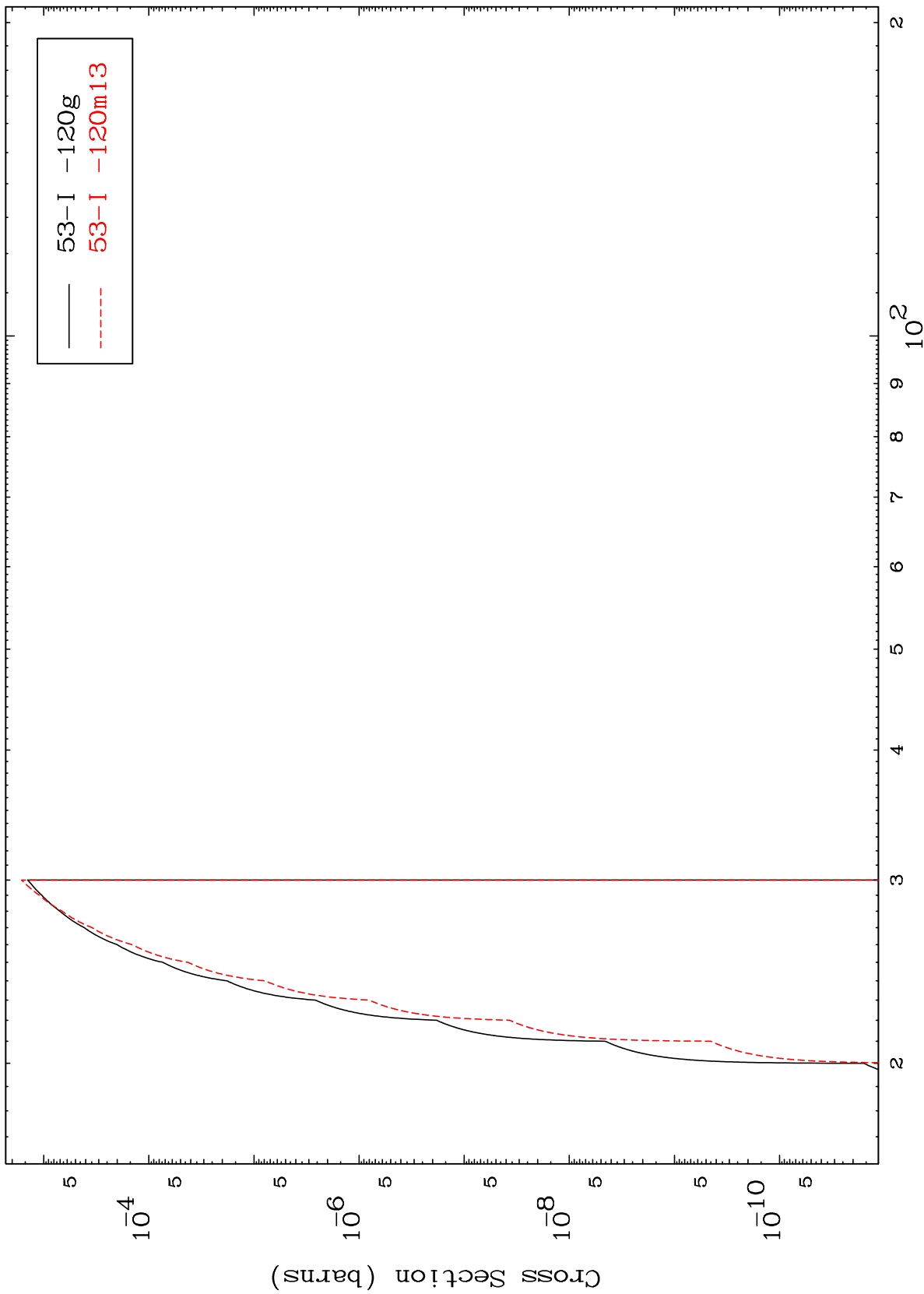


114

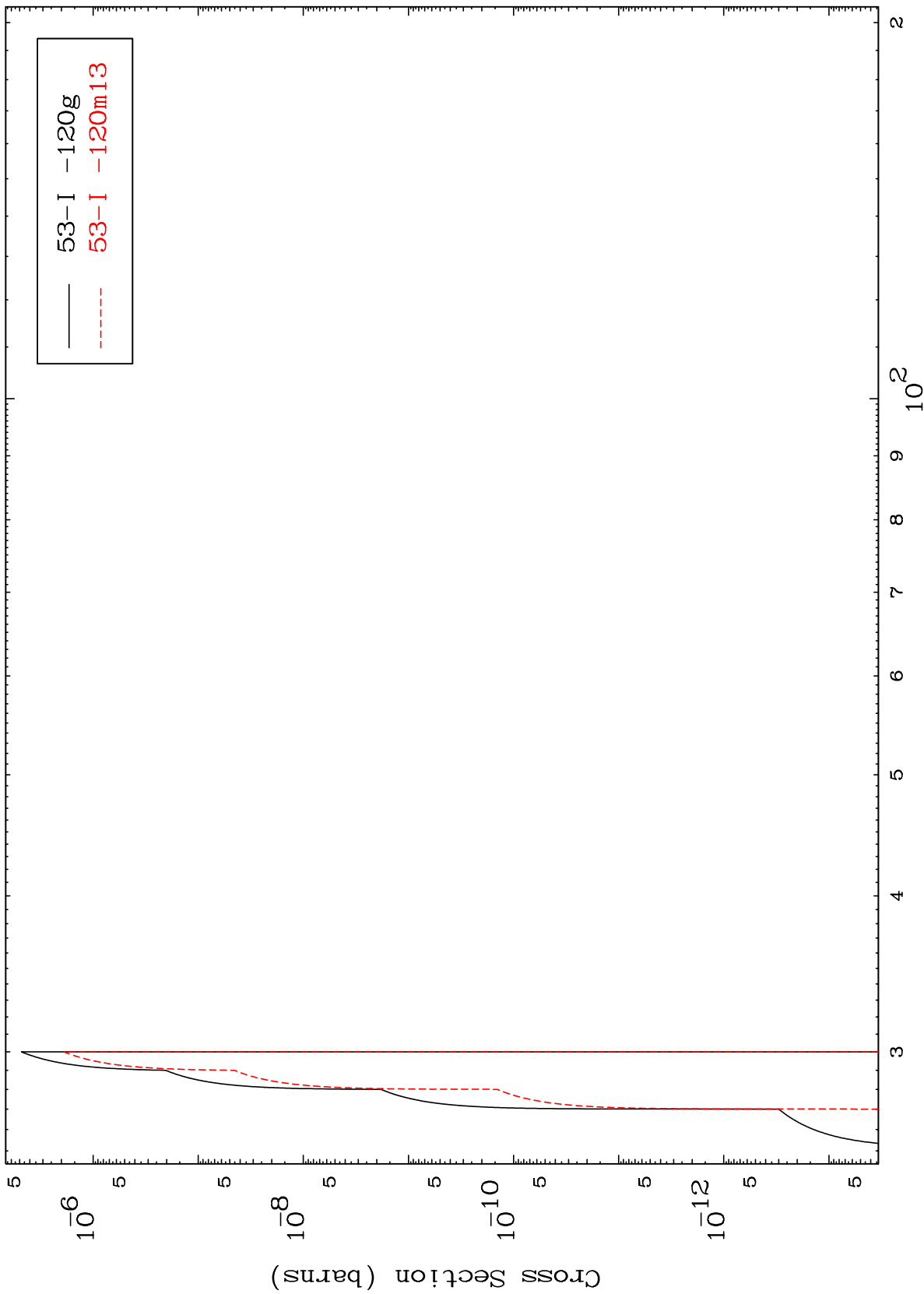
Incident Energy (MeV)

54-Xe-123

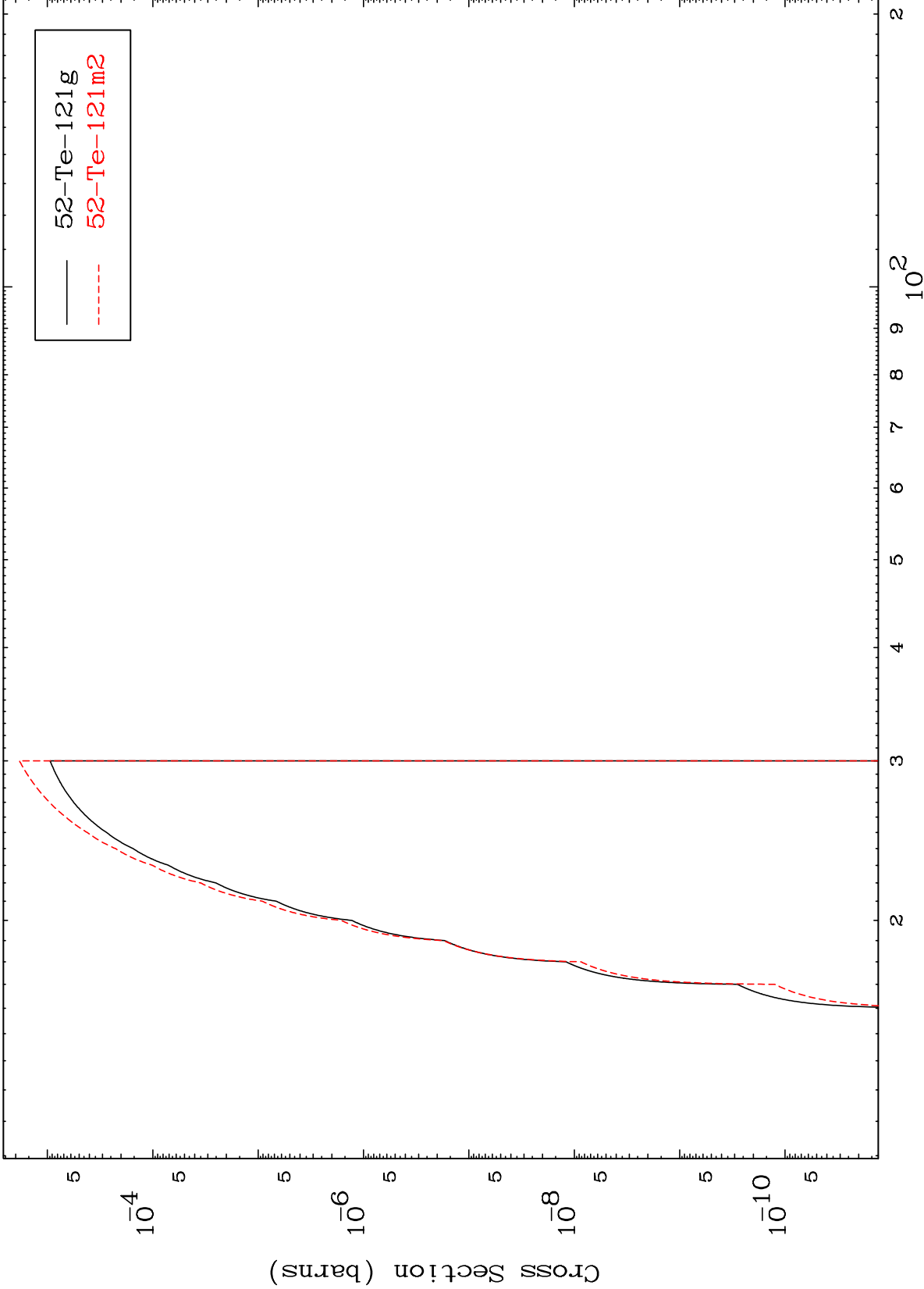
Radionuclide Production Cross Section



(n,3n) p
Radionuclide Production Cross Section



Radionuclide Production Cross Section

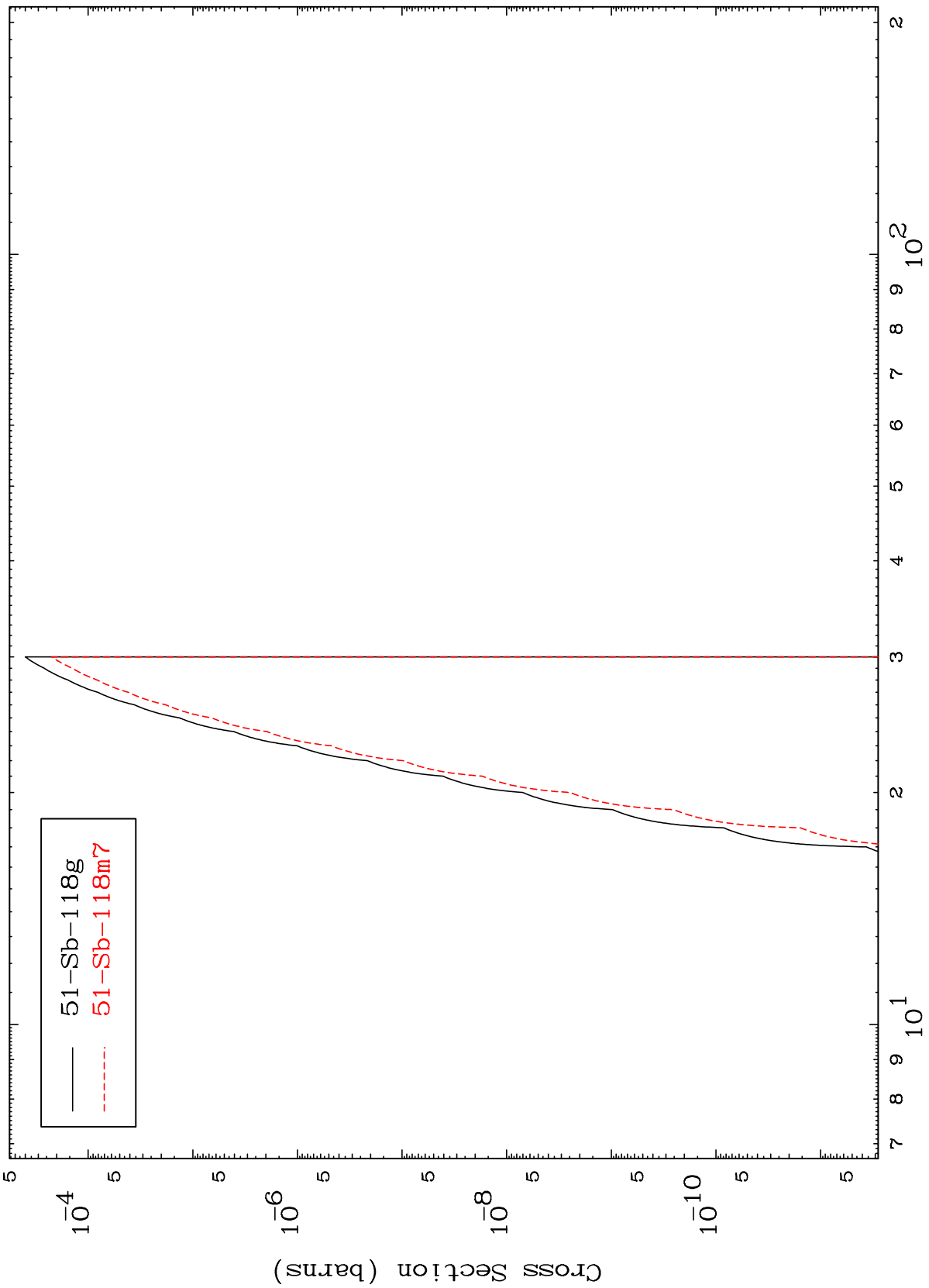


MAT 5422

(n,n') p α

54-Xe-123

Radionuclide Production Cross Section



51-Sb-118g
51-Sb-118m7

118

Incident Energy (MeV)

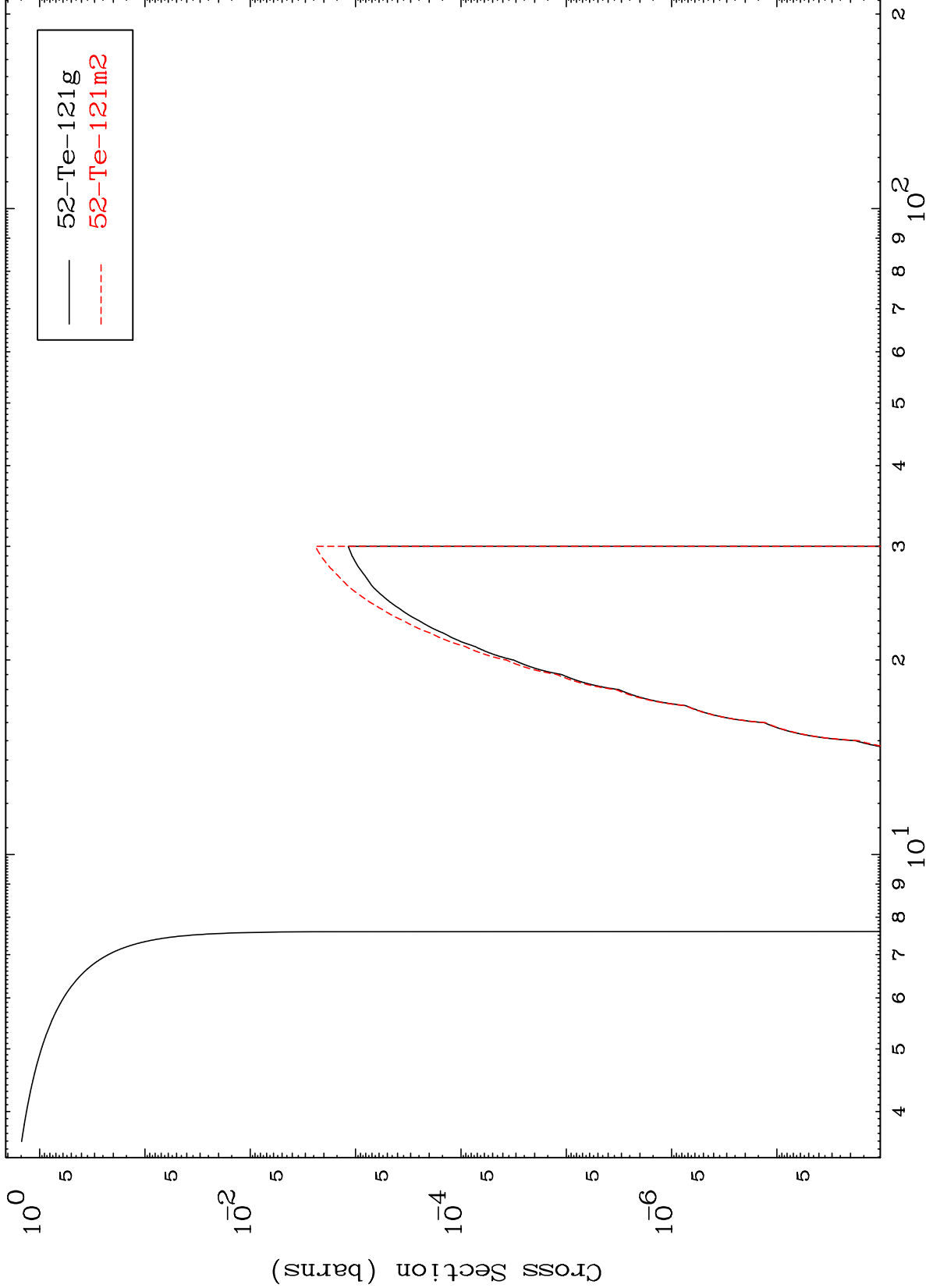
54-Xe-123

MAT 5422

(n,He-3)

54-Xe-123

Radionuclide Production Cross Section



119

Incident Energy (MeV)

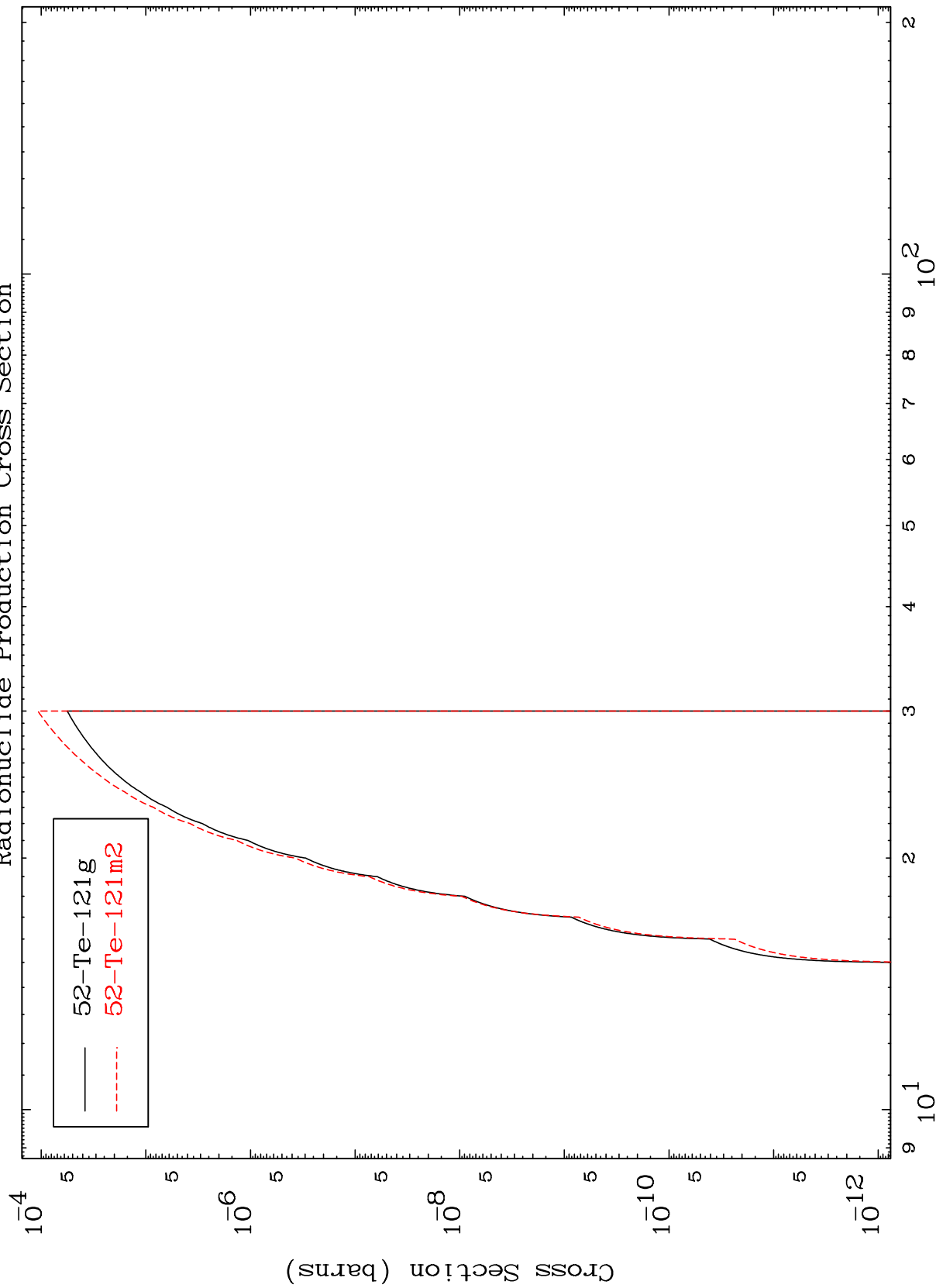
54-Xe-123

MAT 5422

(n,p) d

54-Xe-123

Radionuclide Production Cross Section



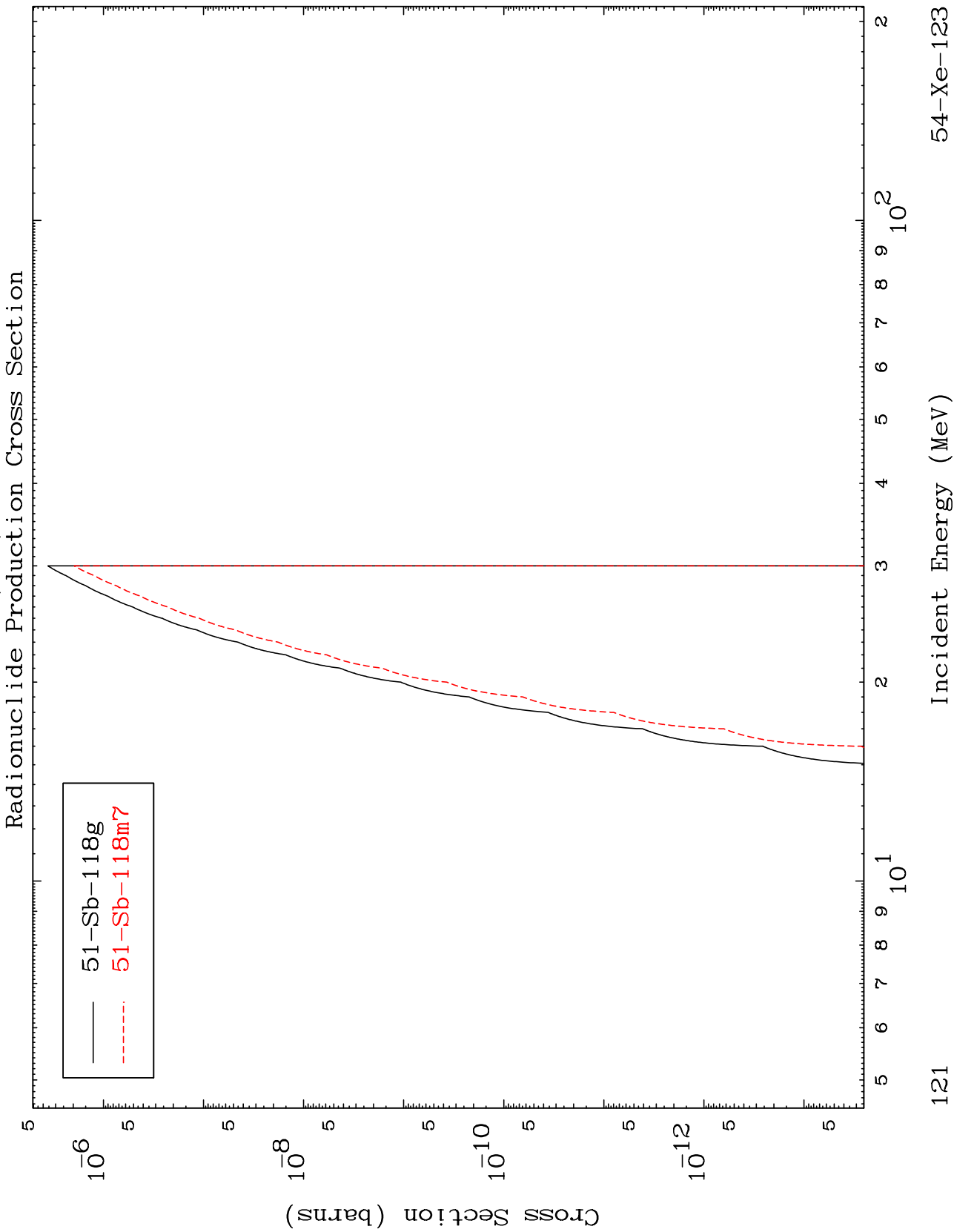
Incident Energy (MeV)

54-Xe-123

MAT 5422

(n,d) α

54-Xe-123



121

Incident Energy (MeV)

54-Xe-123