

Program EVALPLOT
(Version 2021-1)

by

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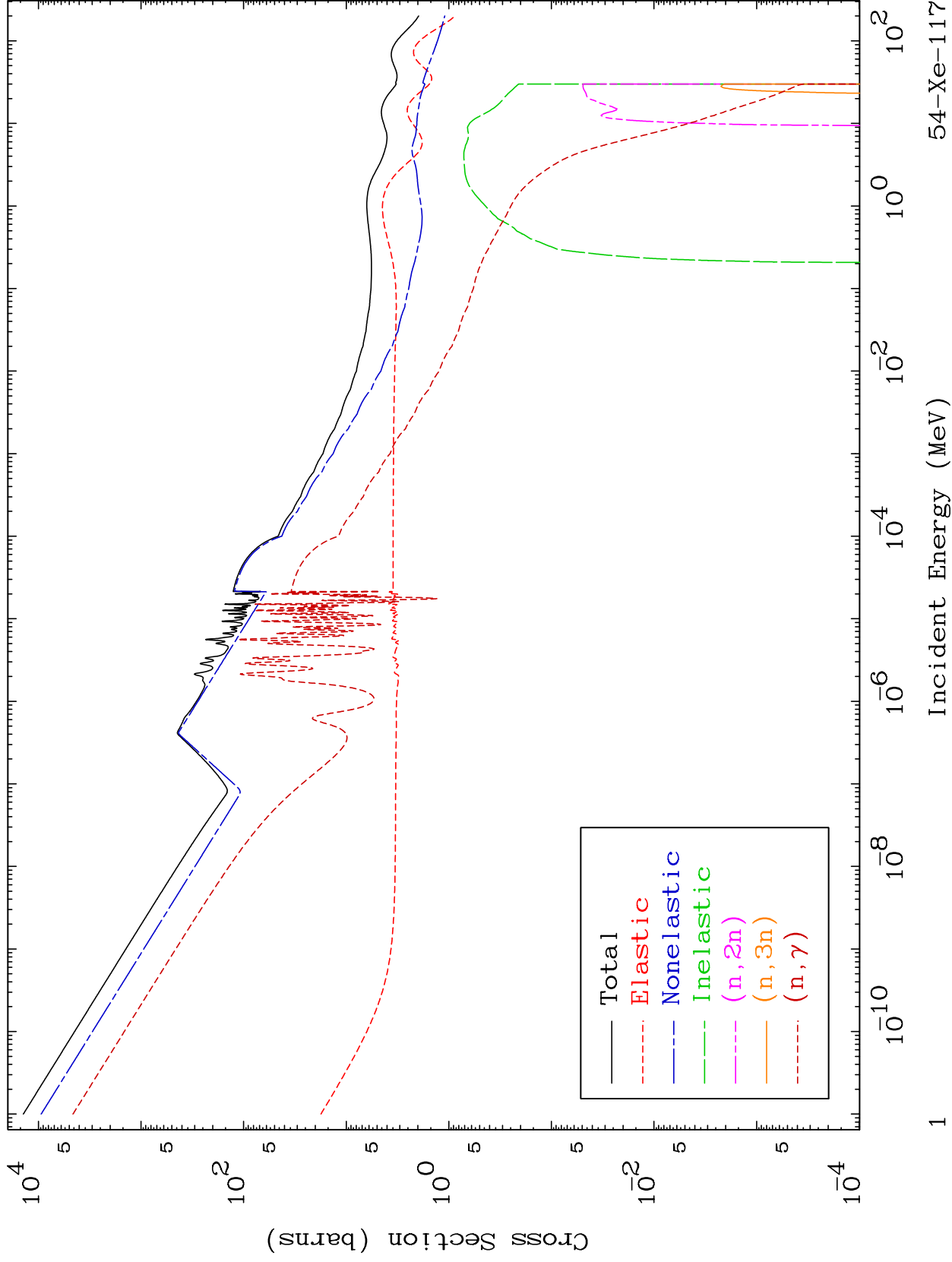
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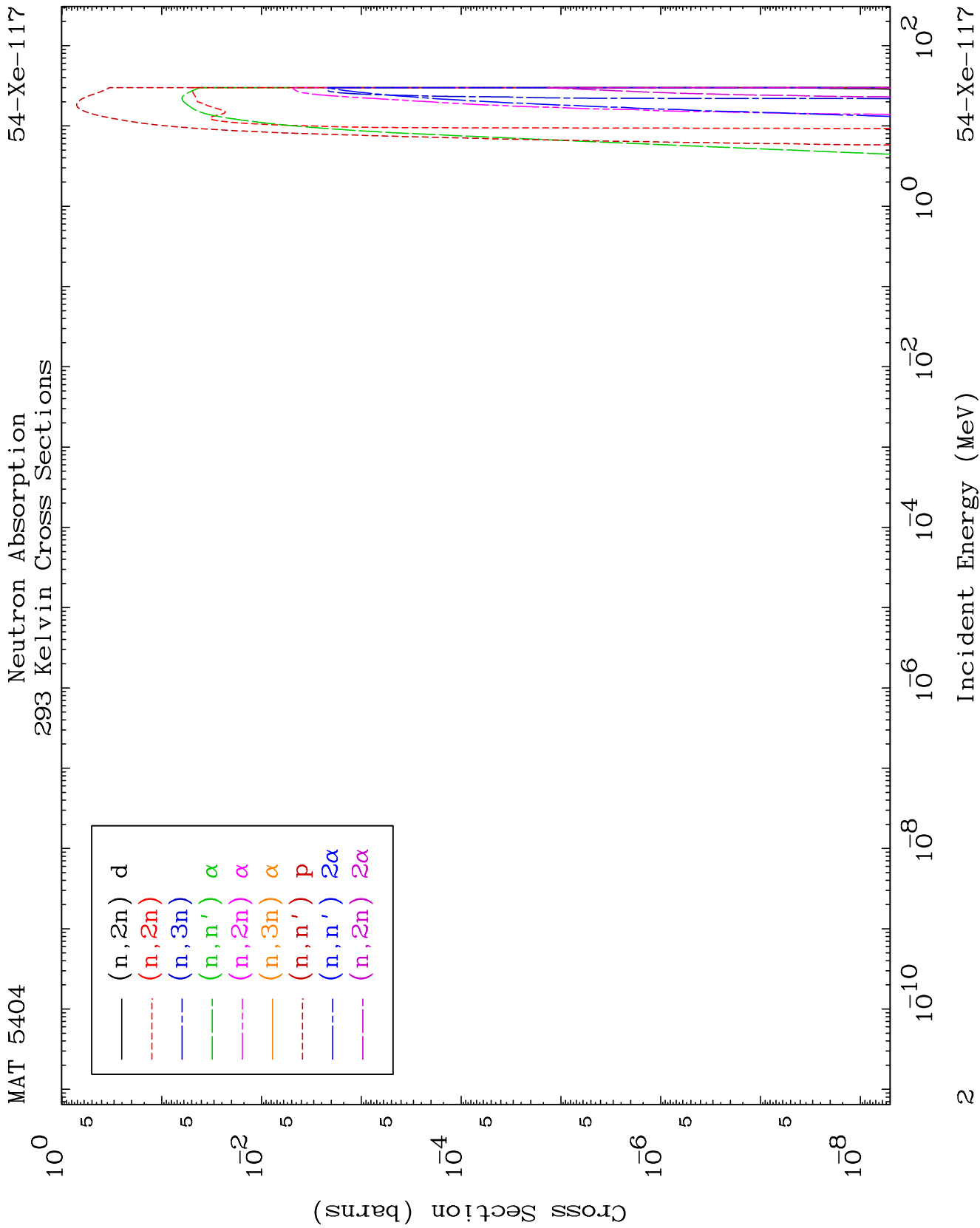
Press Mouse Button to Start

MAT 5404

Neutron Major
293 Kelvin Cross Sections

54-Xe-117

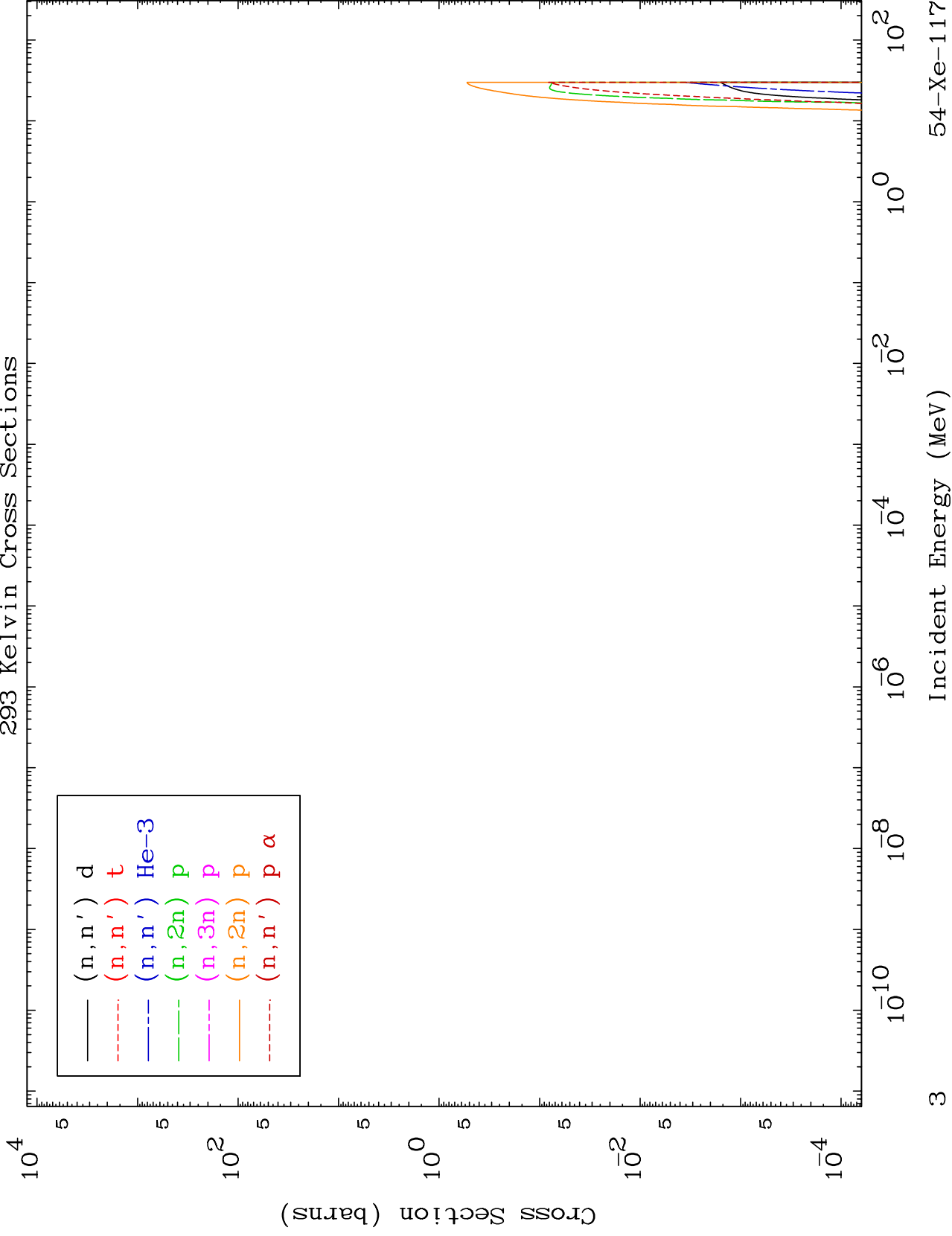




MAT 5404

Neutron Absorption
293 Kelvin Cross Sections

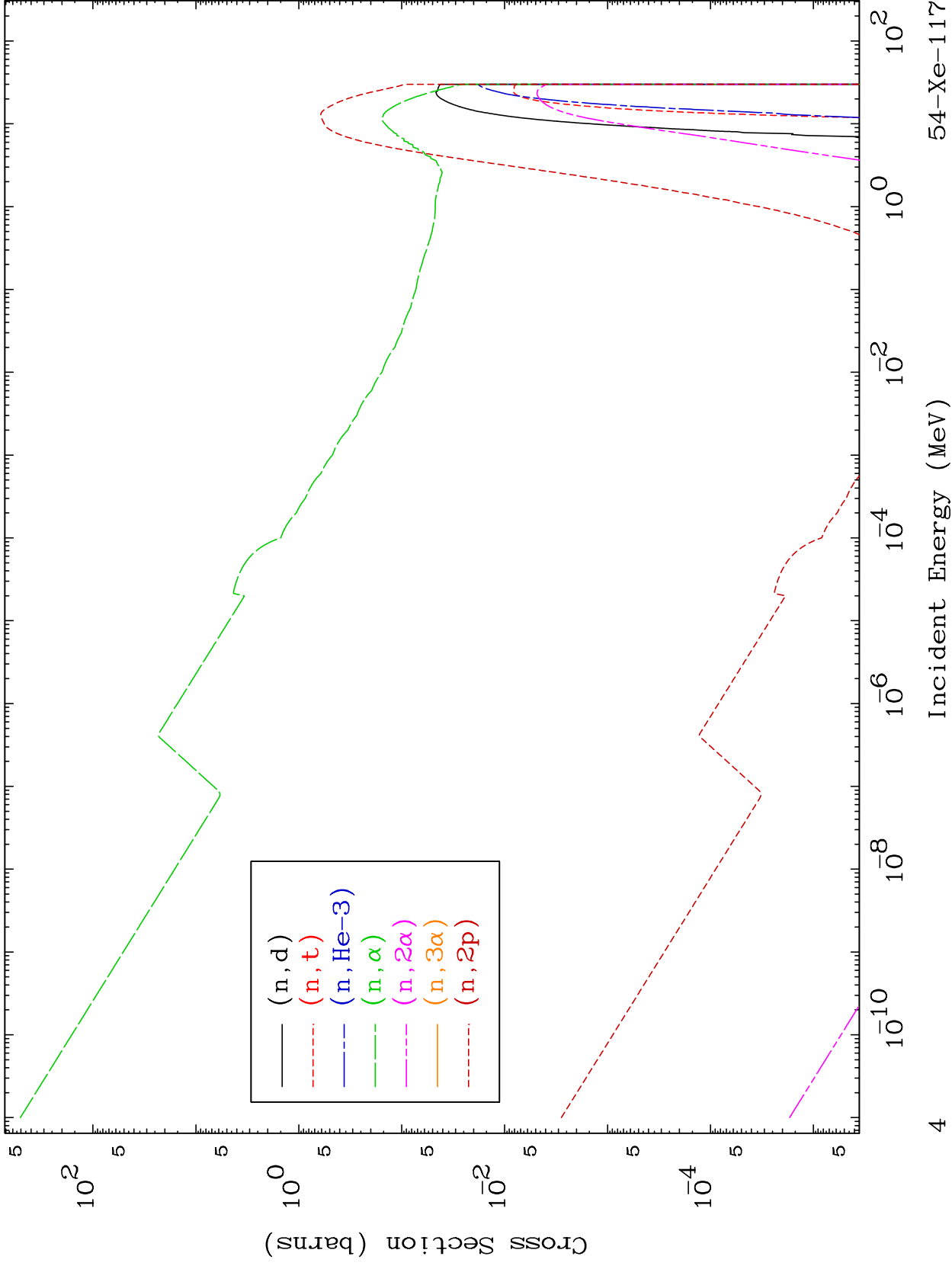
54-Xe-117



MAT 5404

Neutron Absorption
293 Kelvin Cross Sections

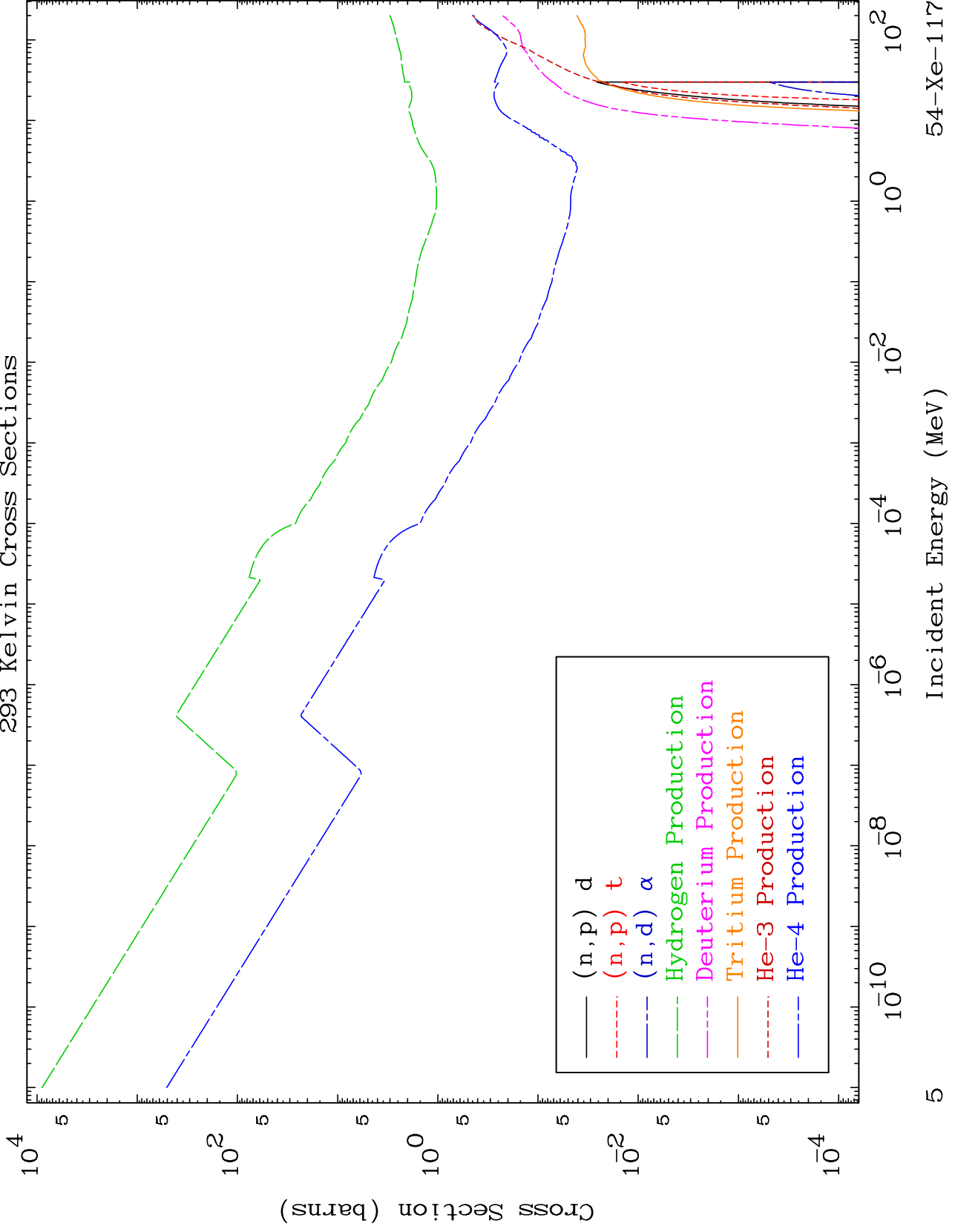
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MAT 5404

Neutron Absorption
293 Kelvin Cross Sections

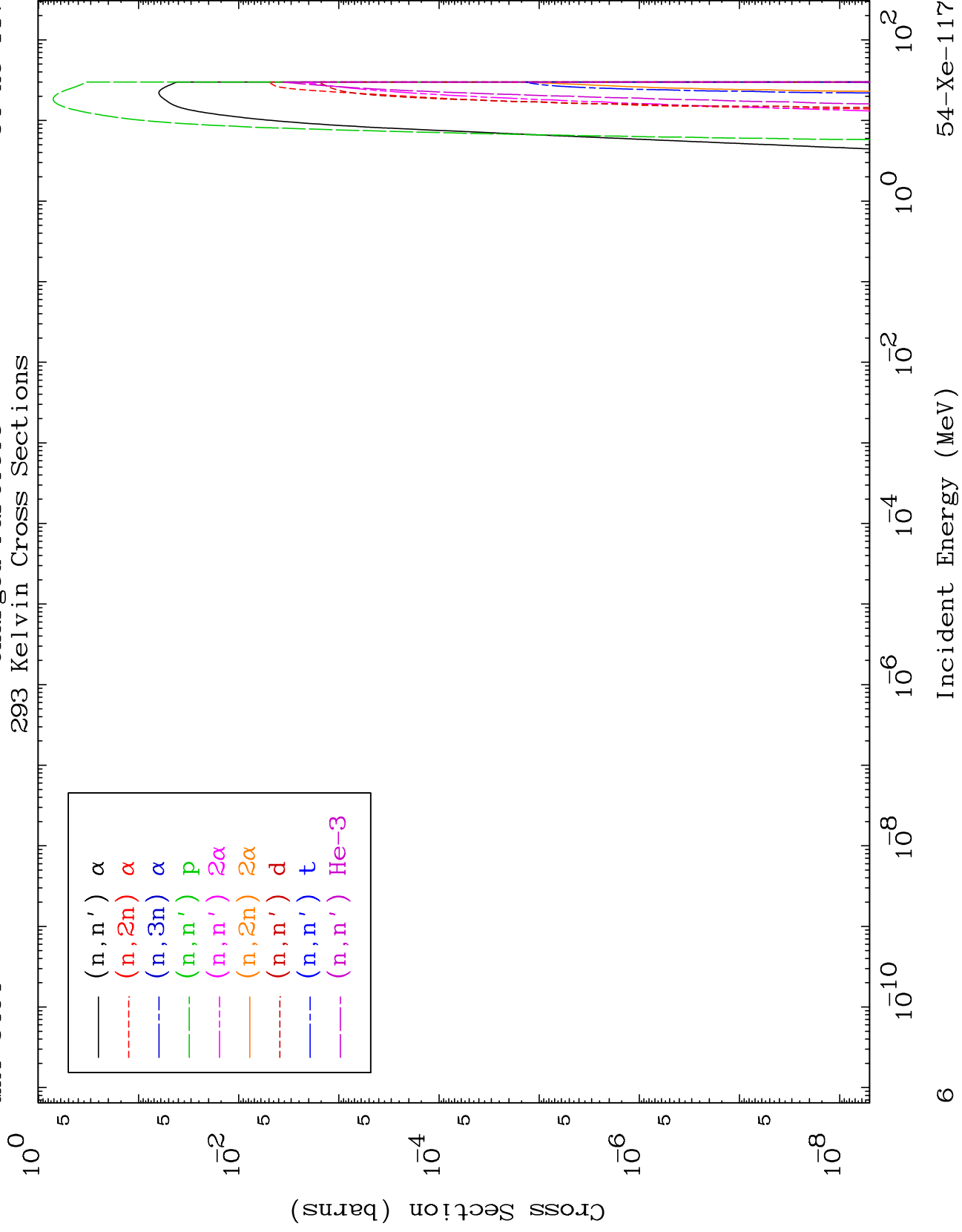
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MAT 5404

Charged Particle
293 Kelvin Cross Sections

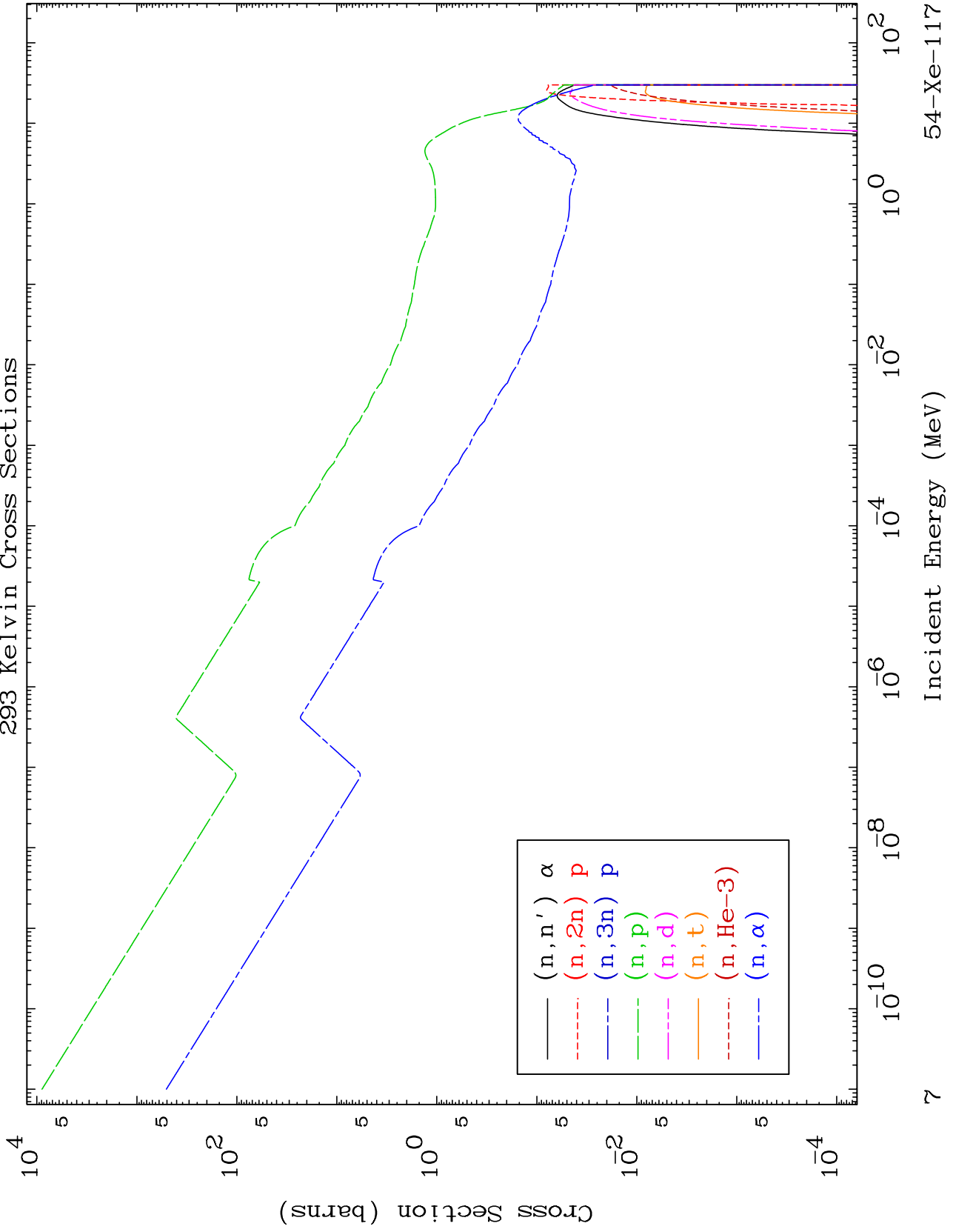
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MAT 5404

Charged Particle
293 Kelvin Cross Sections

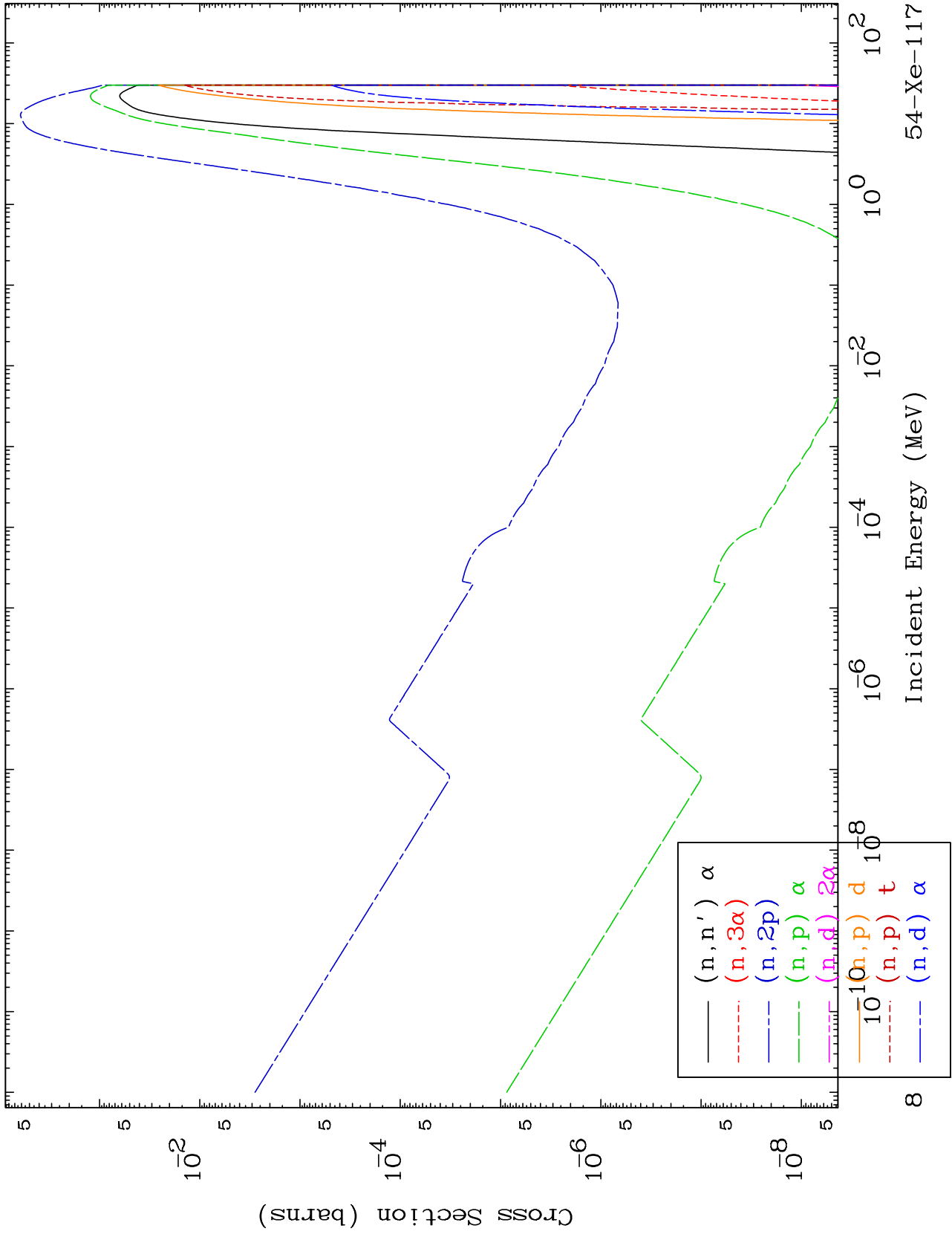
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MAT 5404

Charged Particle
293 Kelvin Cross Sections

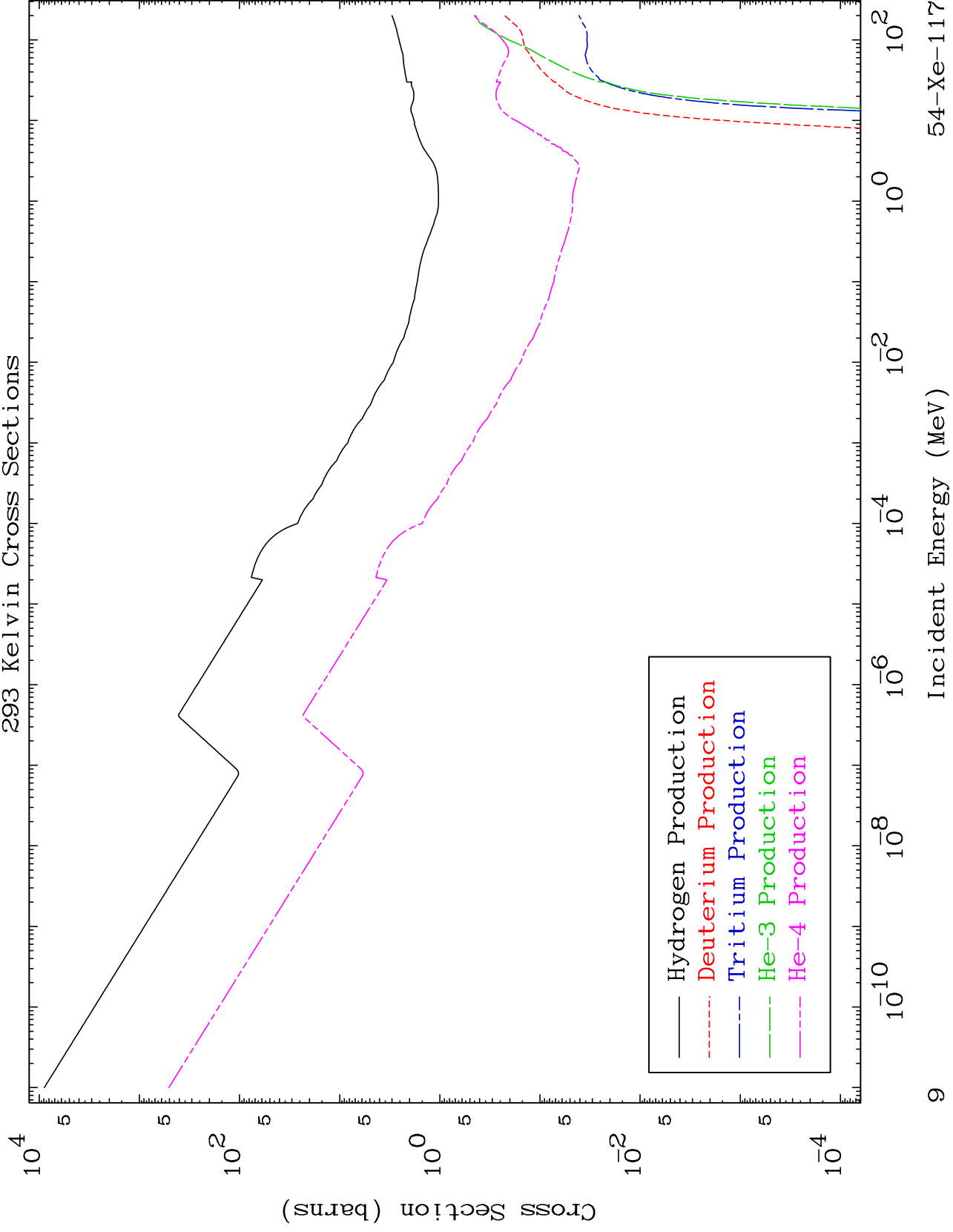
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MAT 5404

Particle Production
293 Kelvin Cross Sections

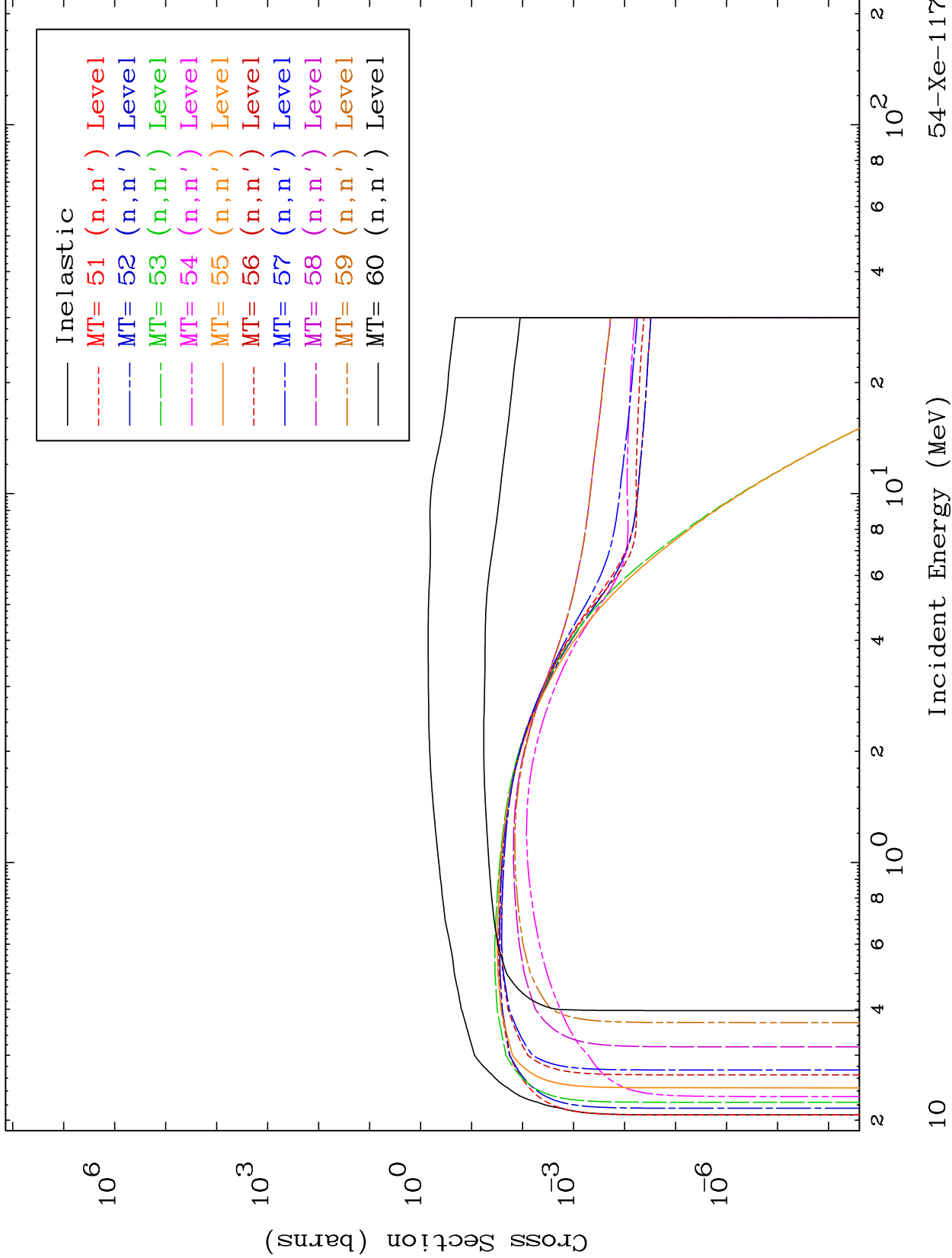
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MAT 5404

(n,n') Levels
293 Kelvin Cross Sections

54-Xe-117

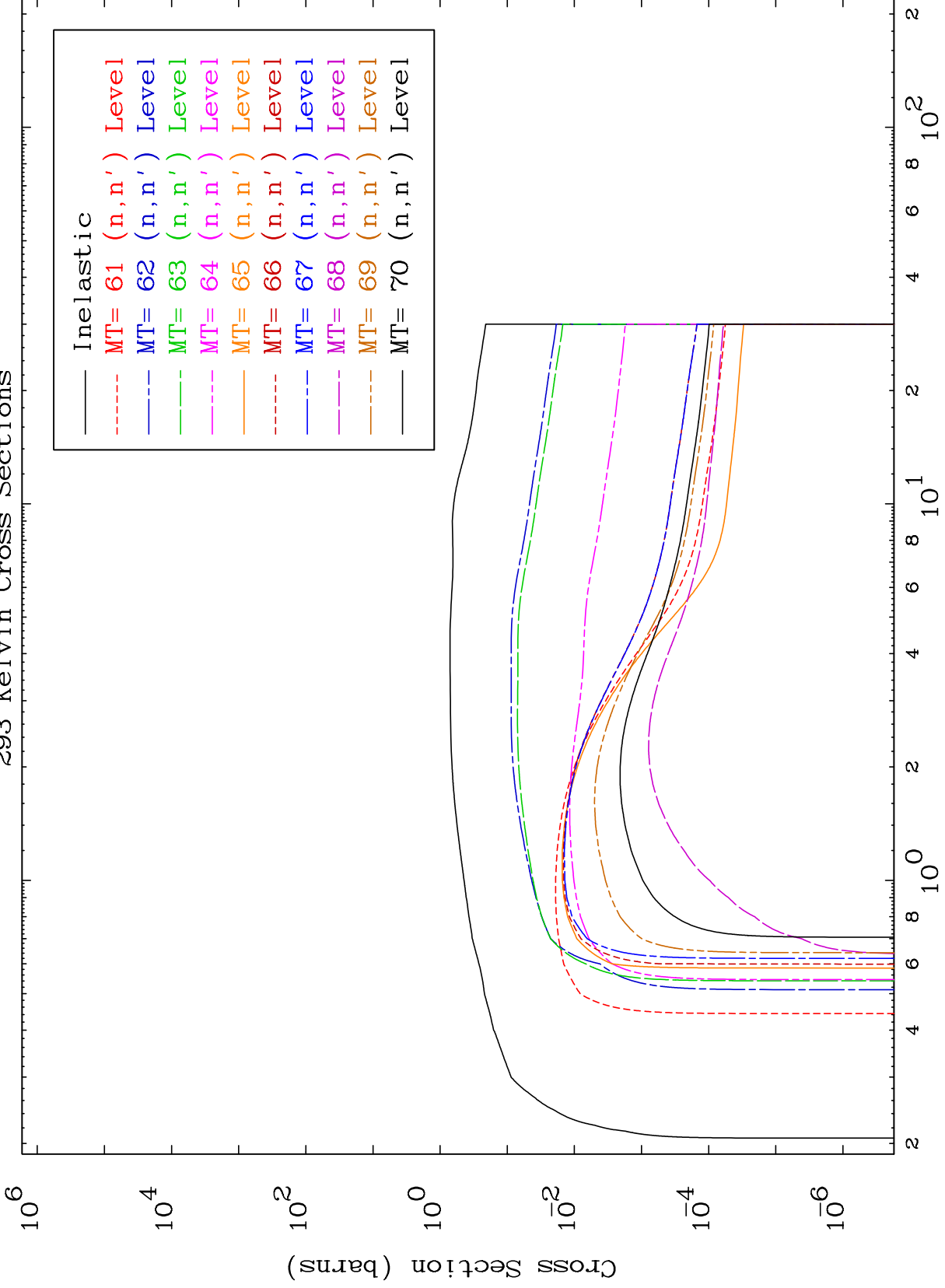


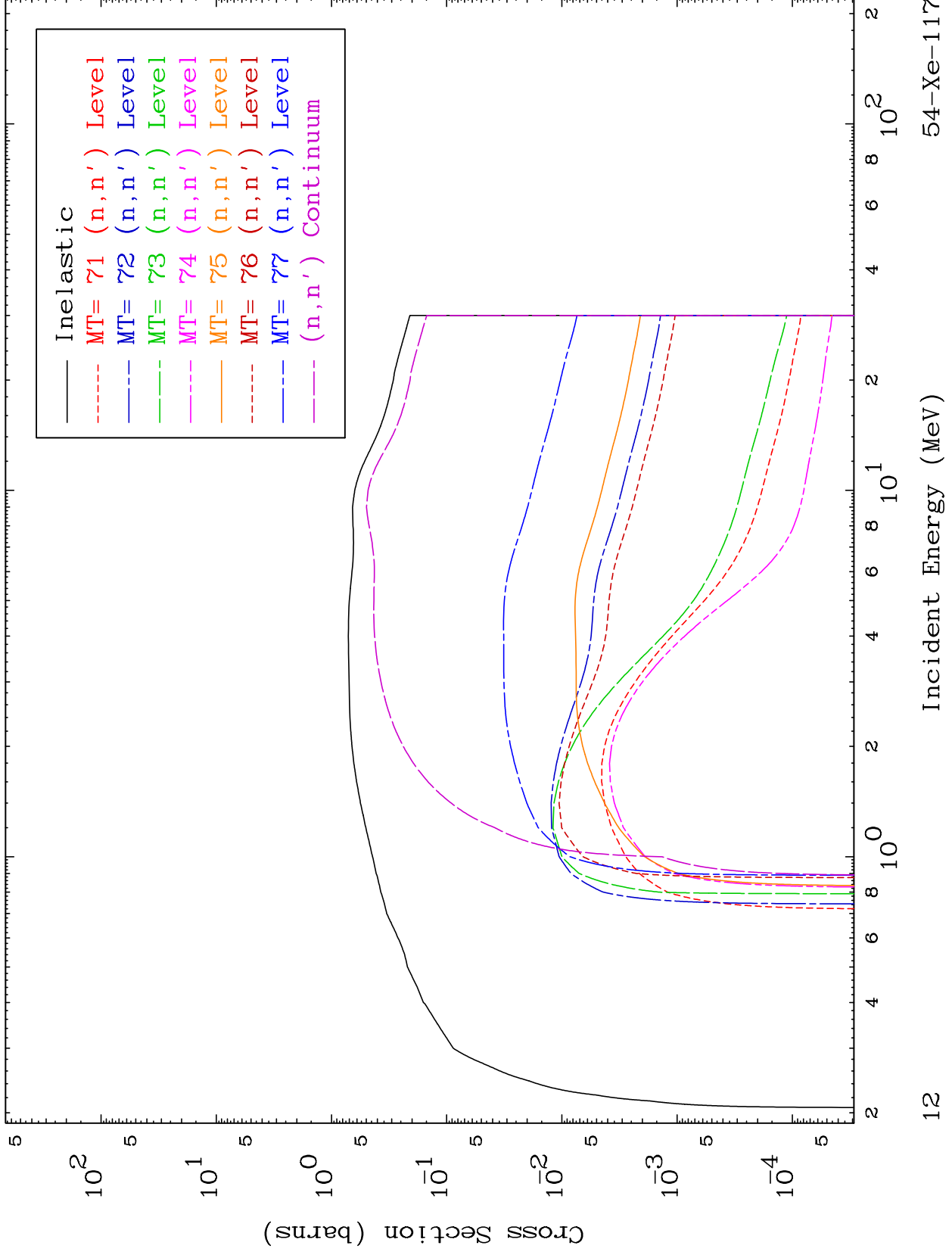
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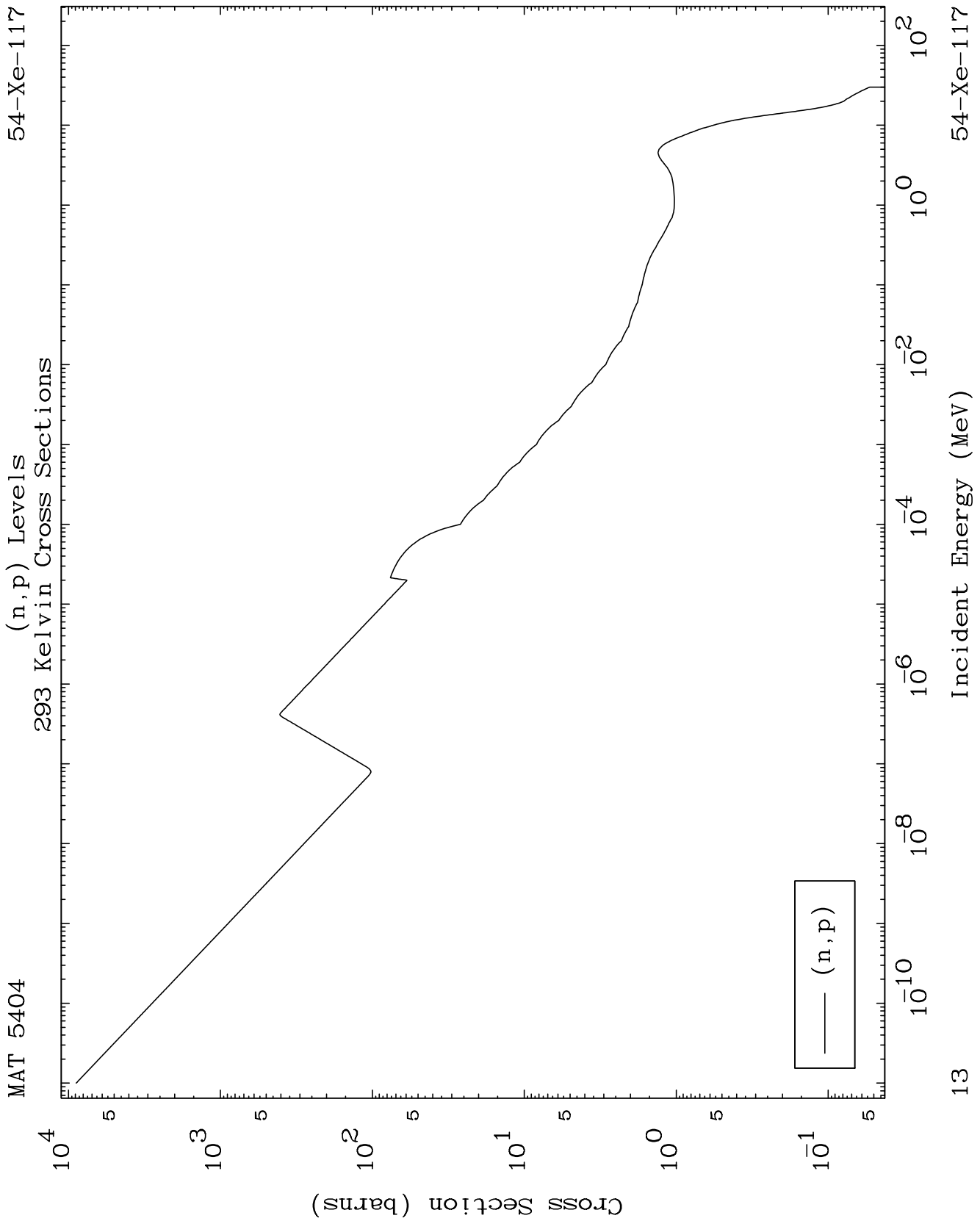
Incident Energy (MeV)

10

293 Kelvin Cross Sections



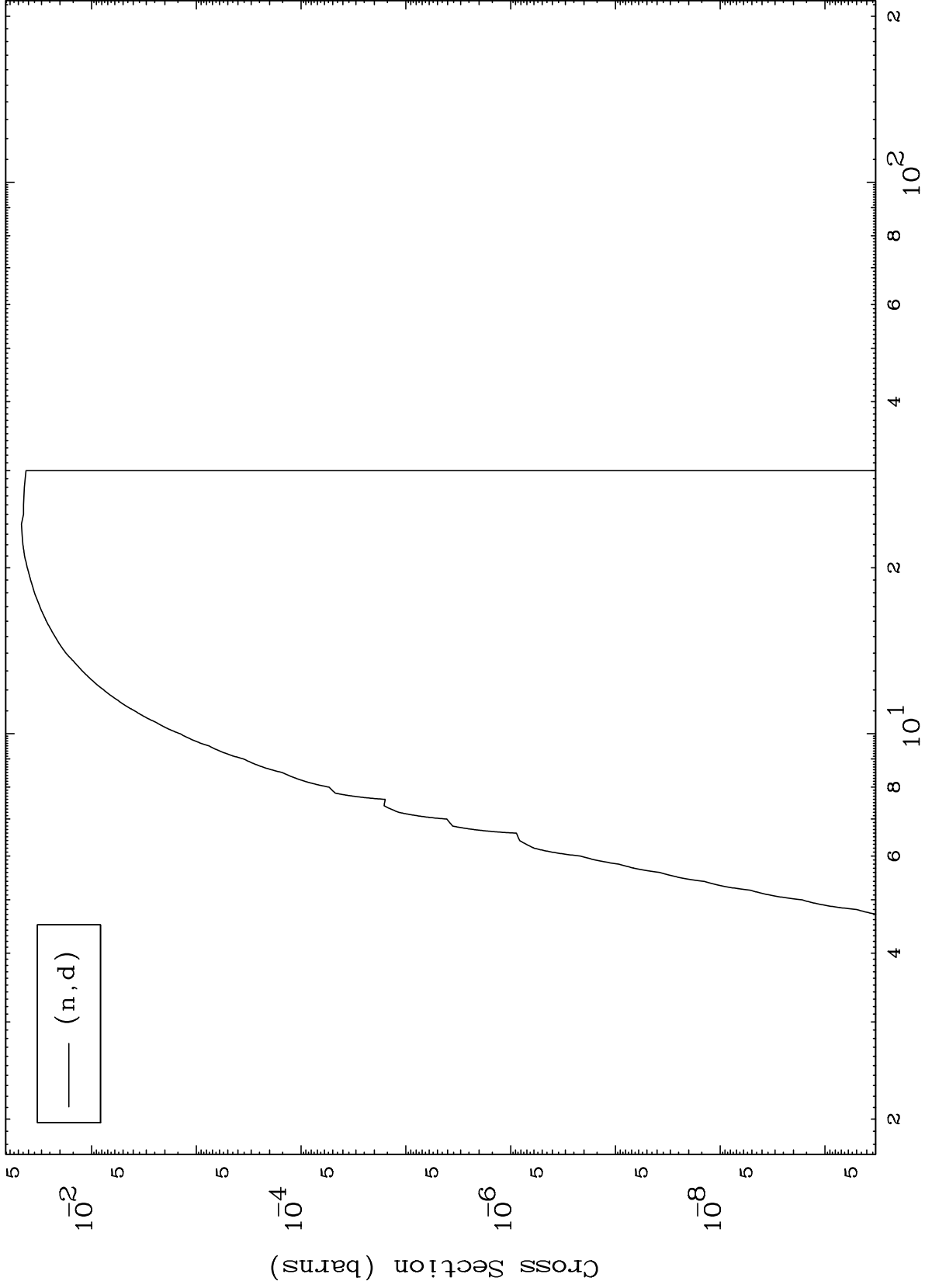




MAT 5404

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-117



14

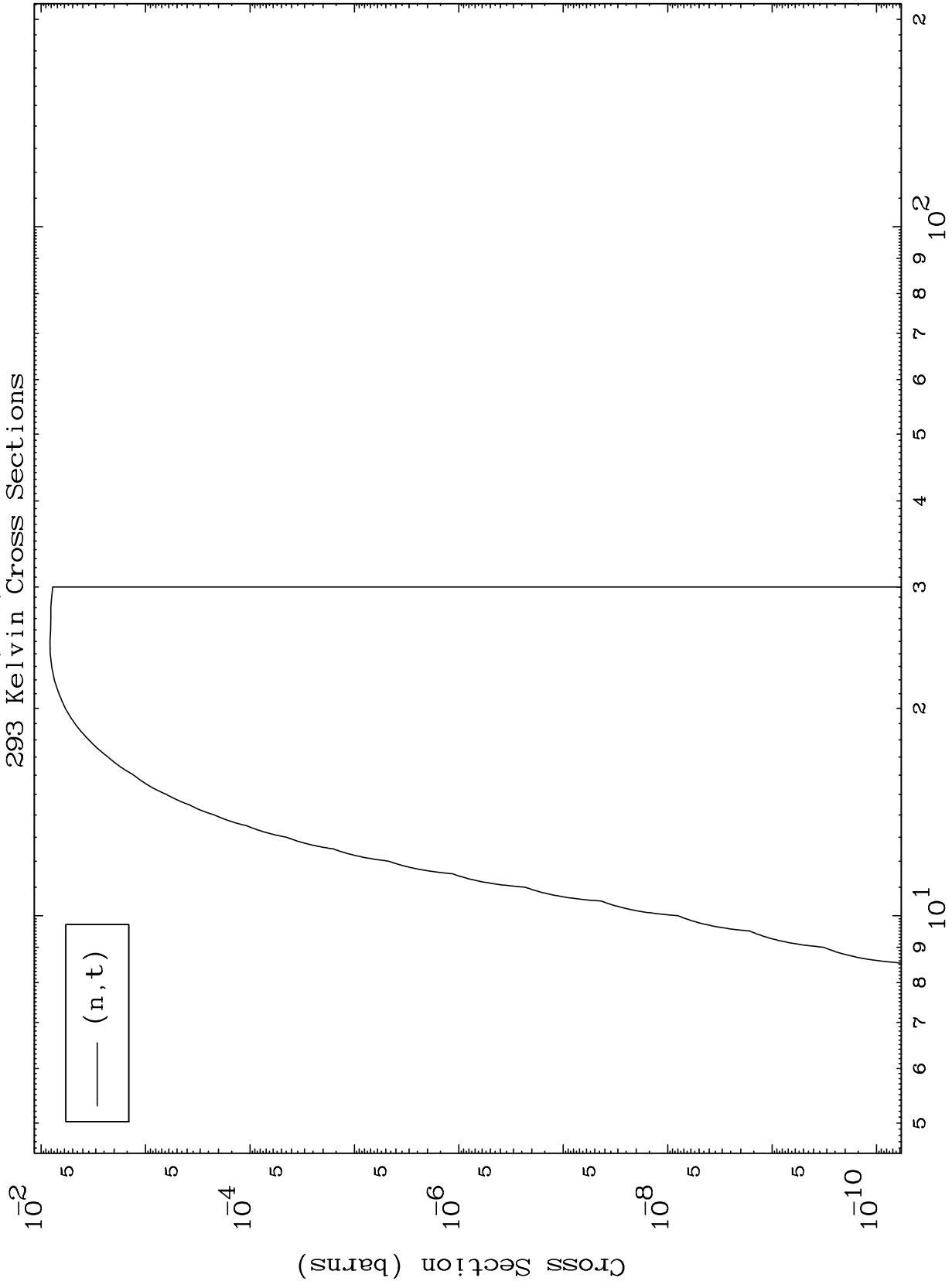
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-117



15

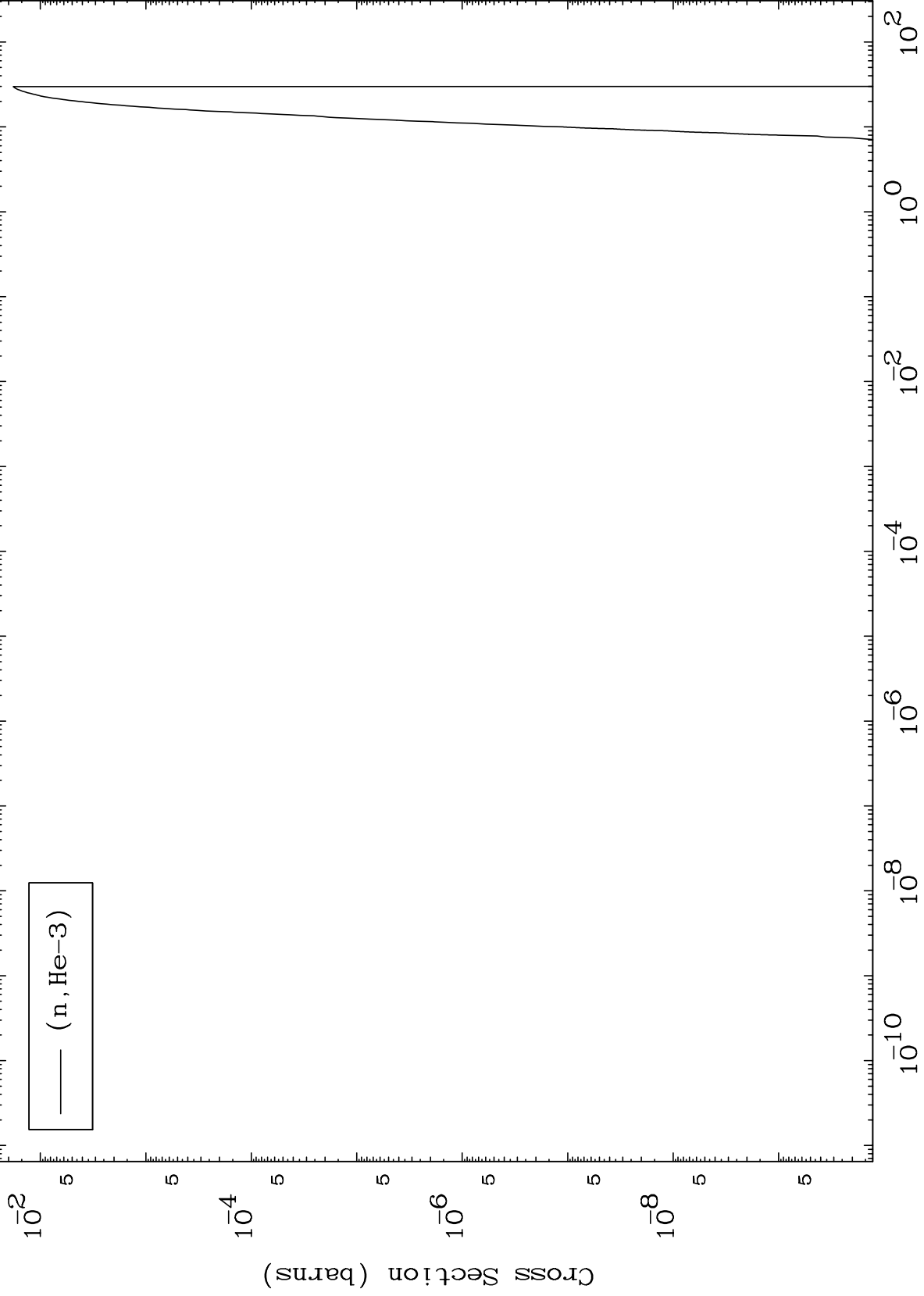
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,He3) Levels
293 Kelvin Cross Sections

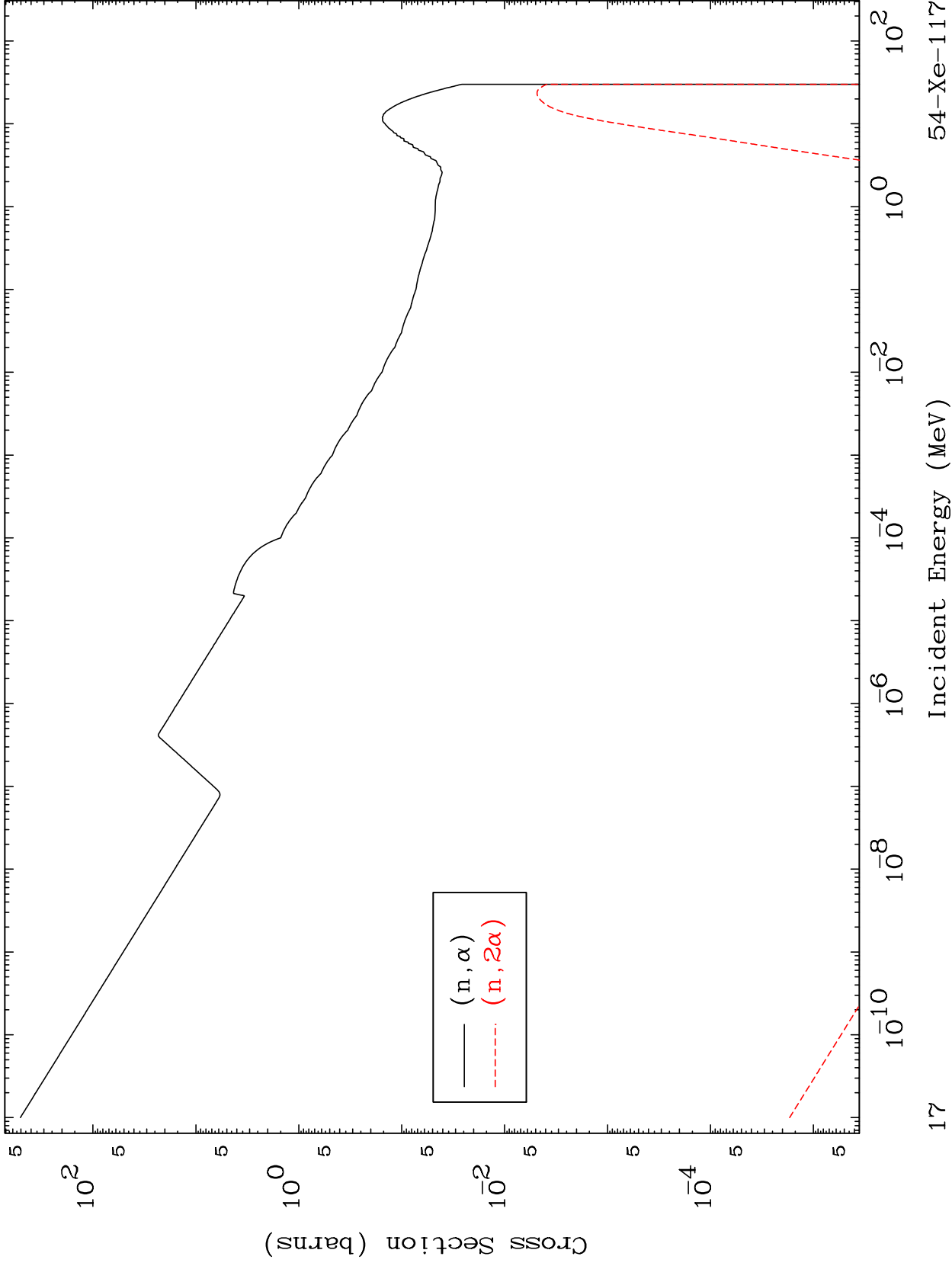
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MAT 5404

(n, α) Levels
293 Kelvin Cross Sections

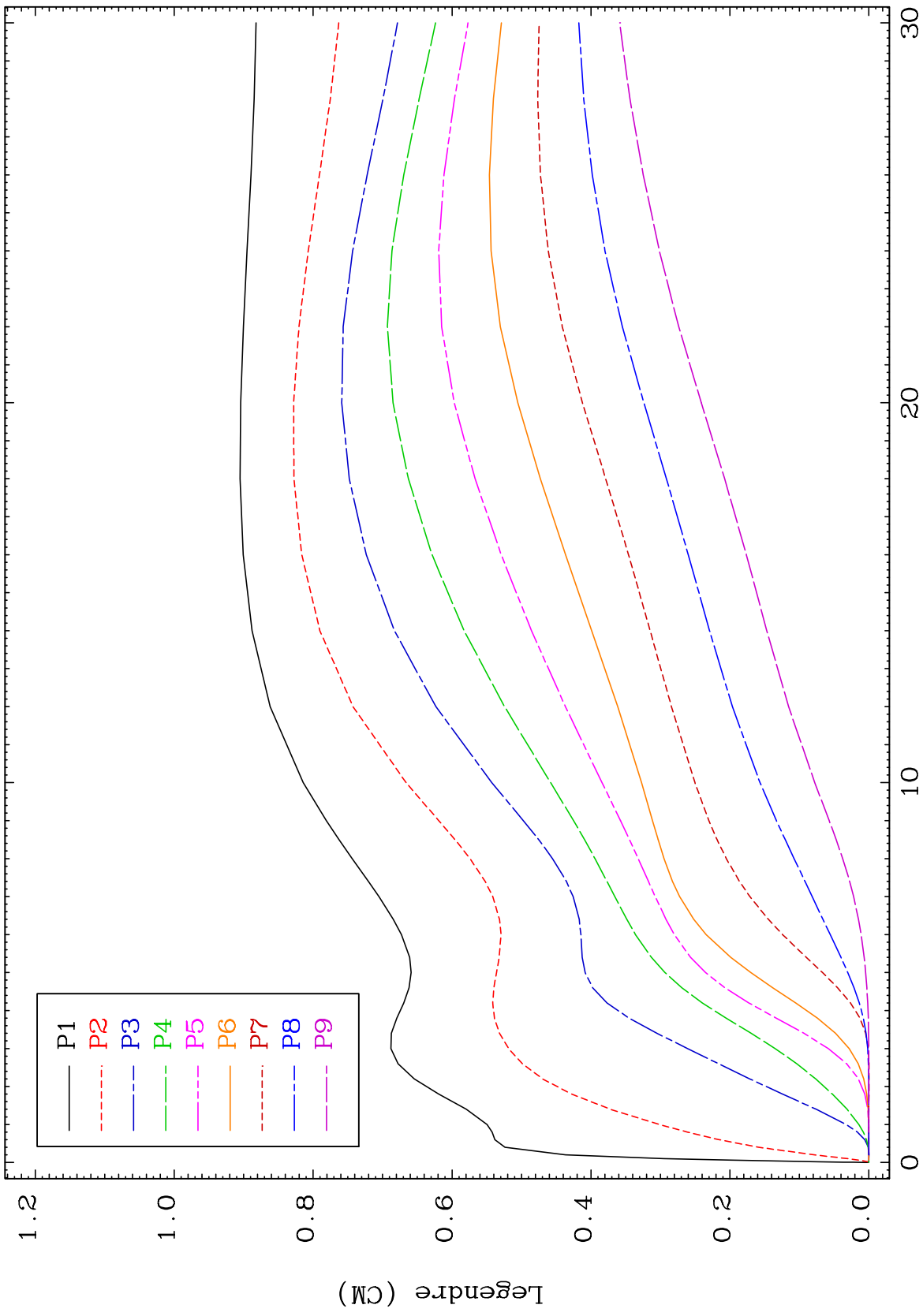
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MAT 5404

Elastic Legendre Coefficients

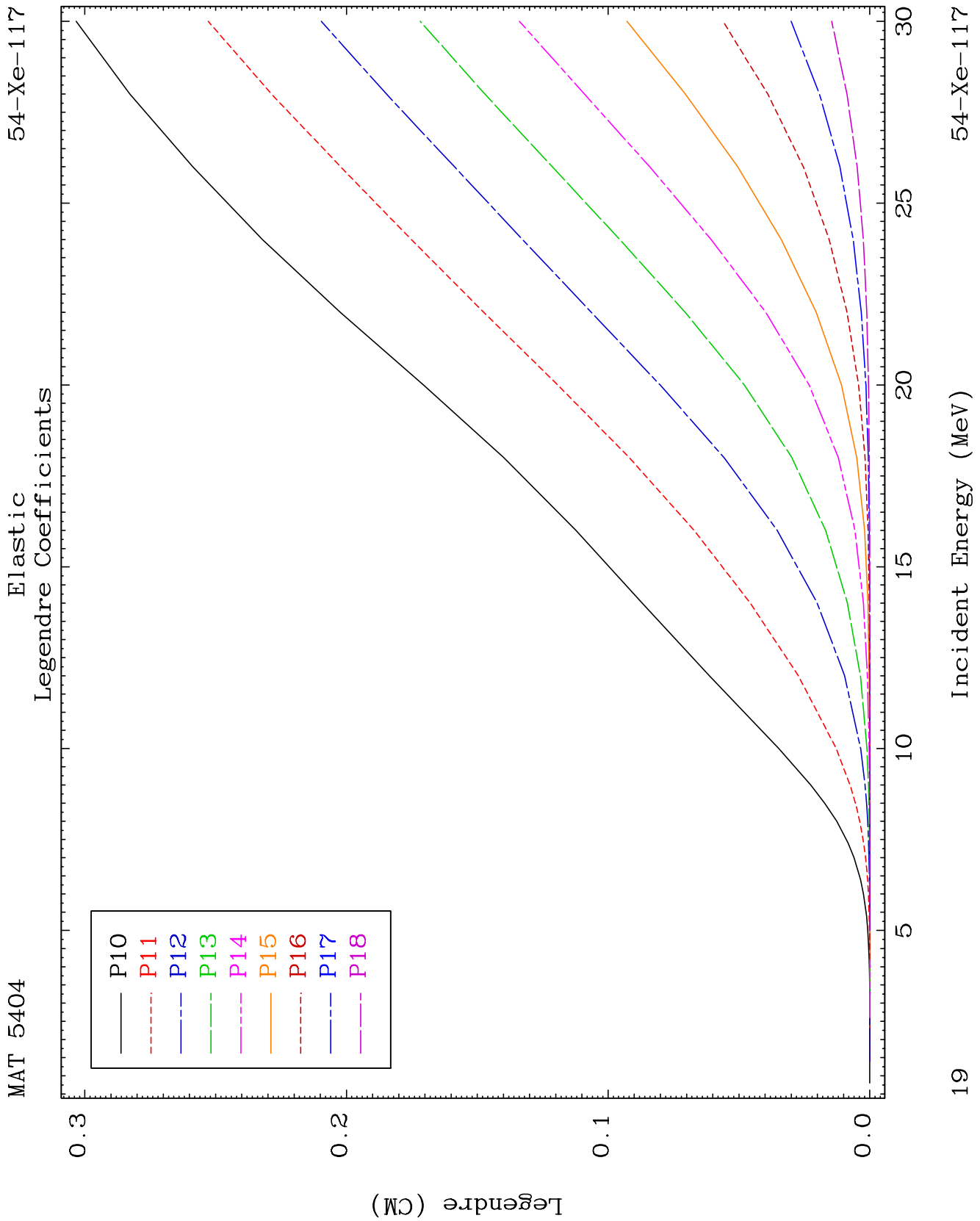
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18

Incident Energy (MeV)

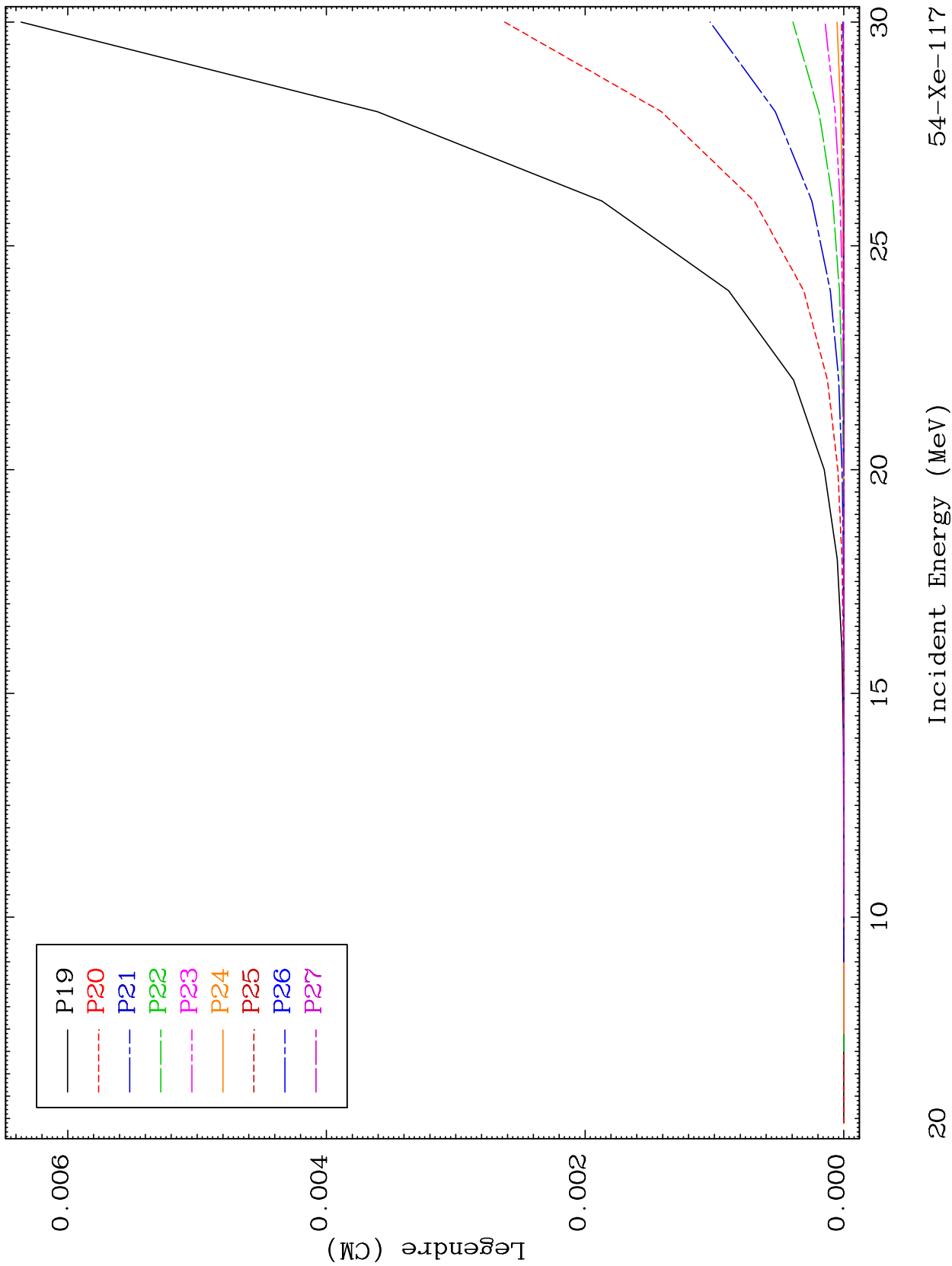
54-Xe-117



MAT 5404

Elastic Legendre Coefficients

54-Xe-117



20

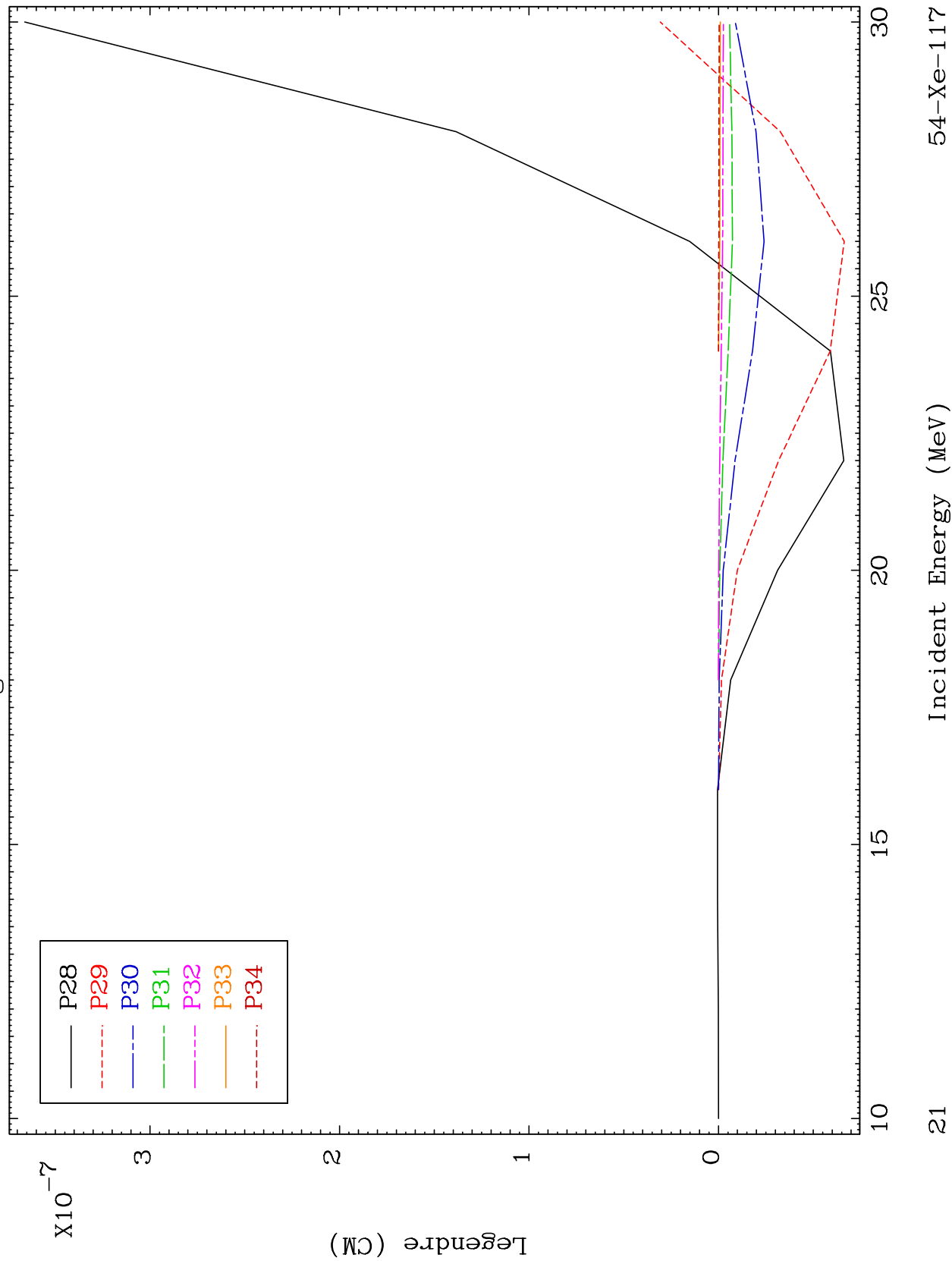
Incident Energy (MeV)

54-Xe-117

MAT 5404

Elastic Legendre Coefficients

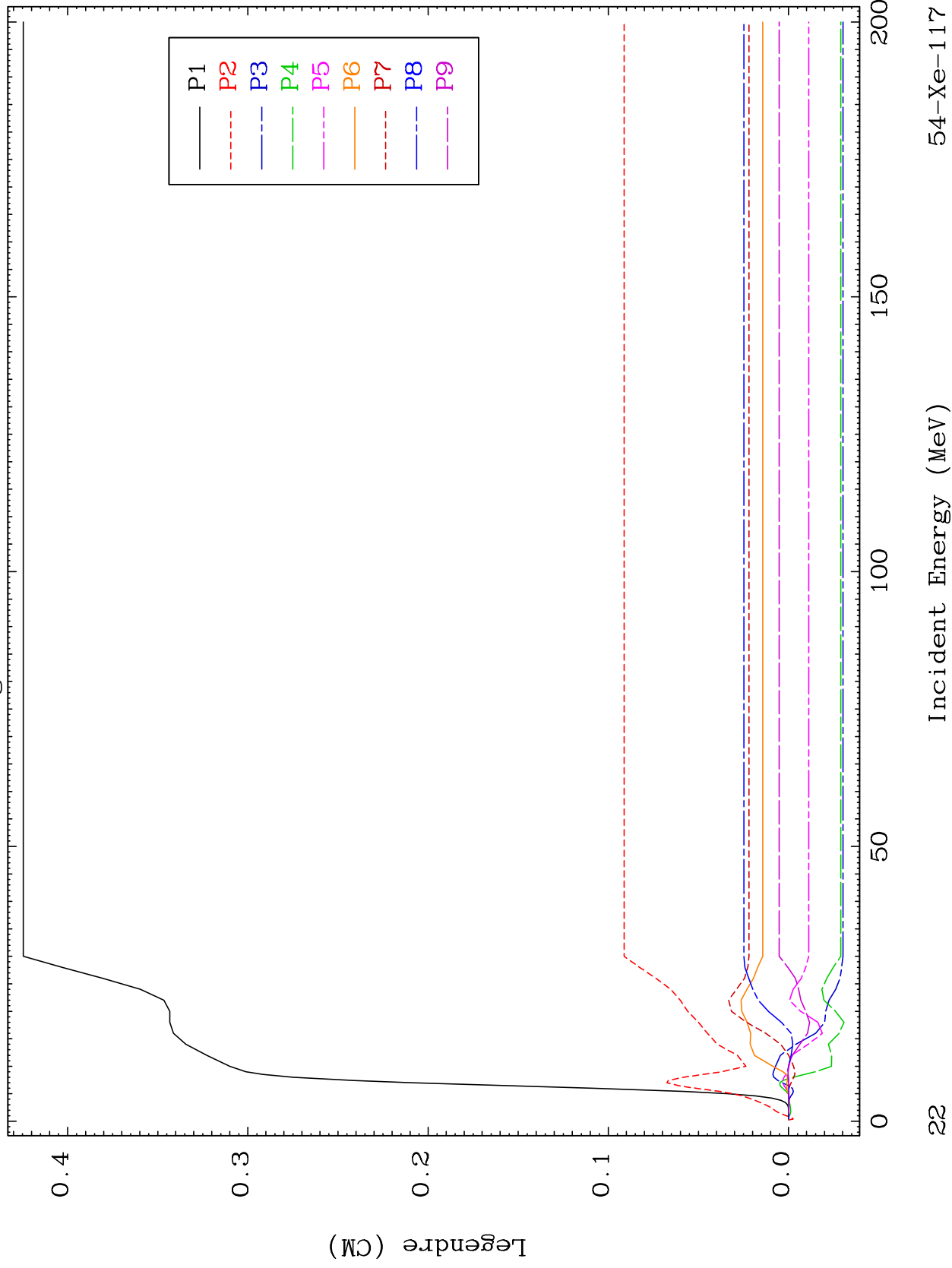
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

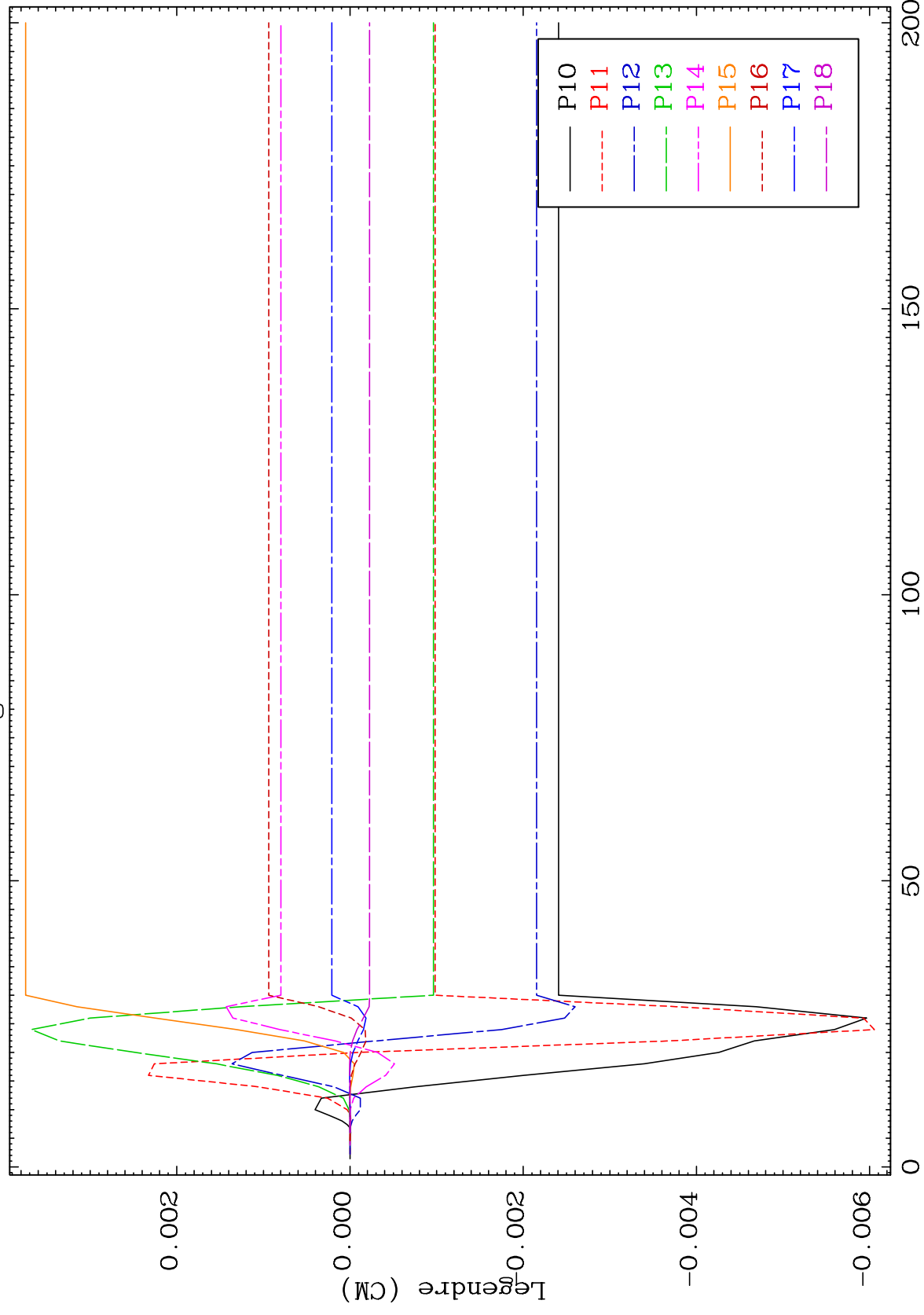
Incident Energy (MeV)

22

MAT 5404

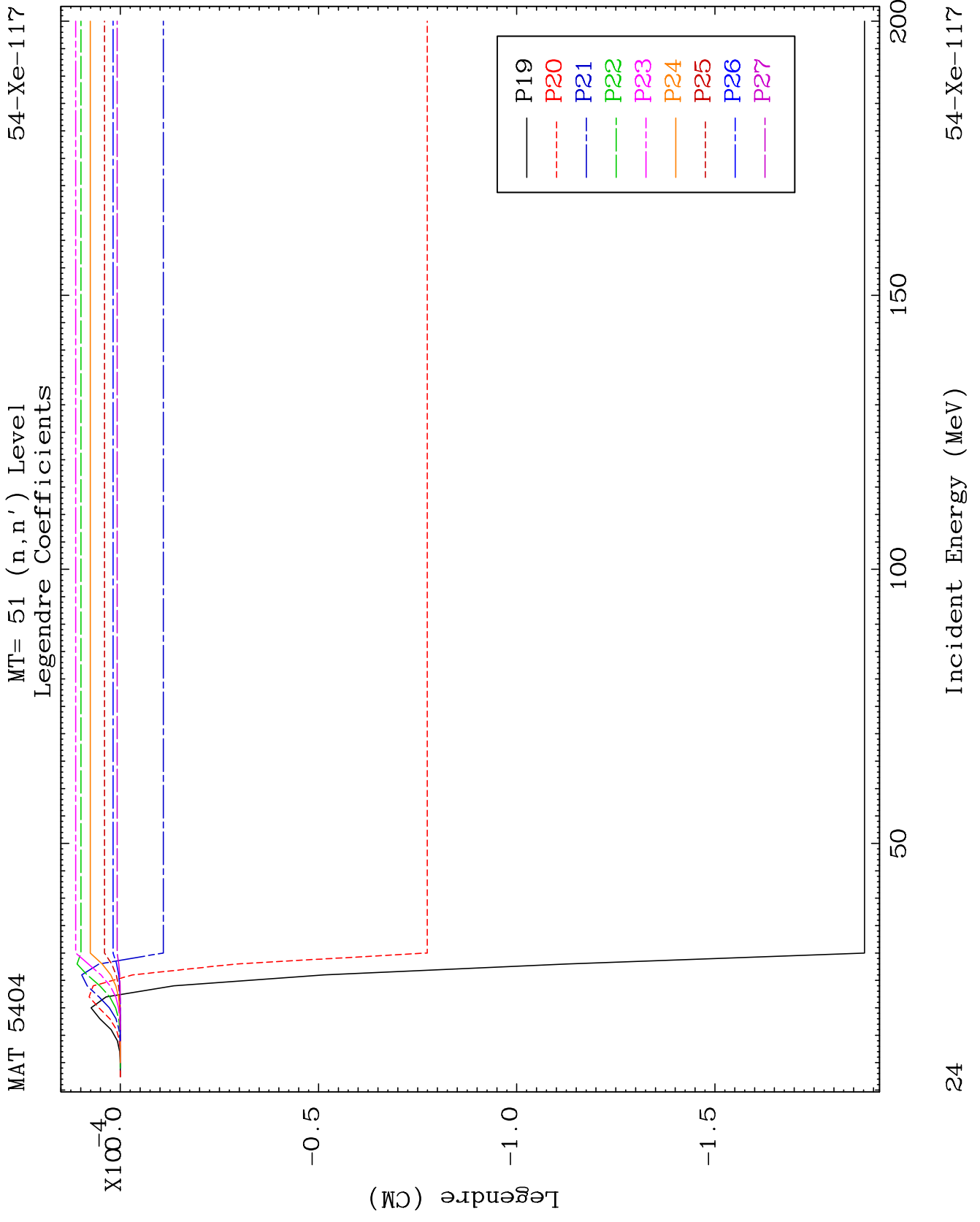
MT= 51 (n,n') Level
Legendre Coefficients

54-Xe-117



23

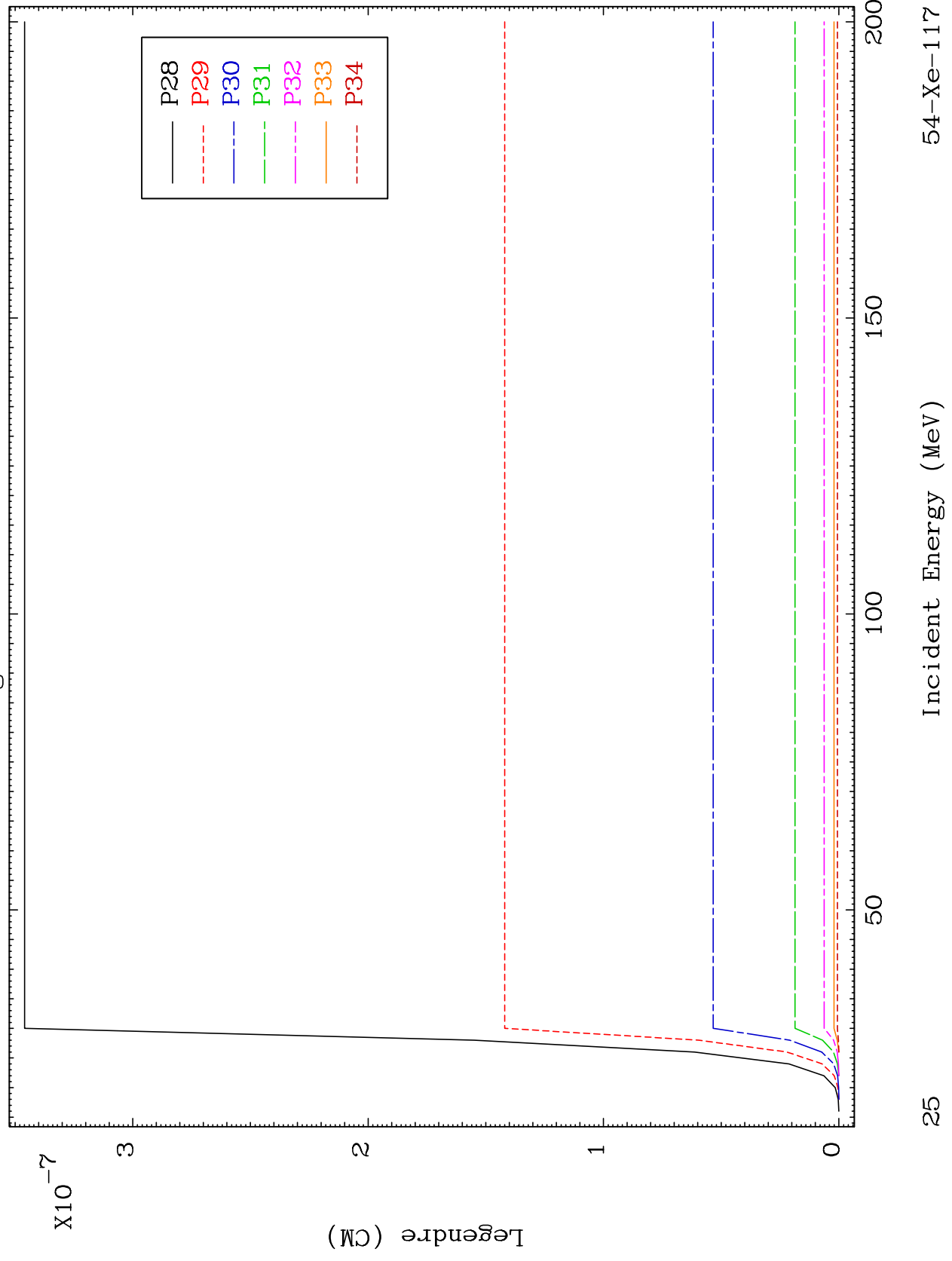
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MAT 5404

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

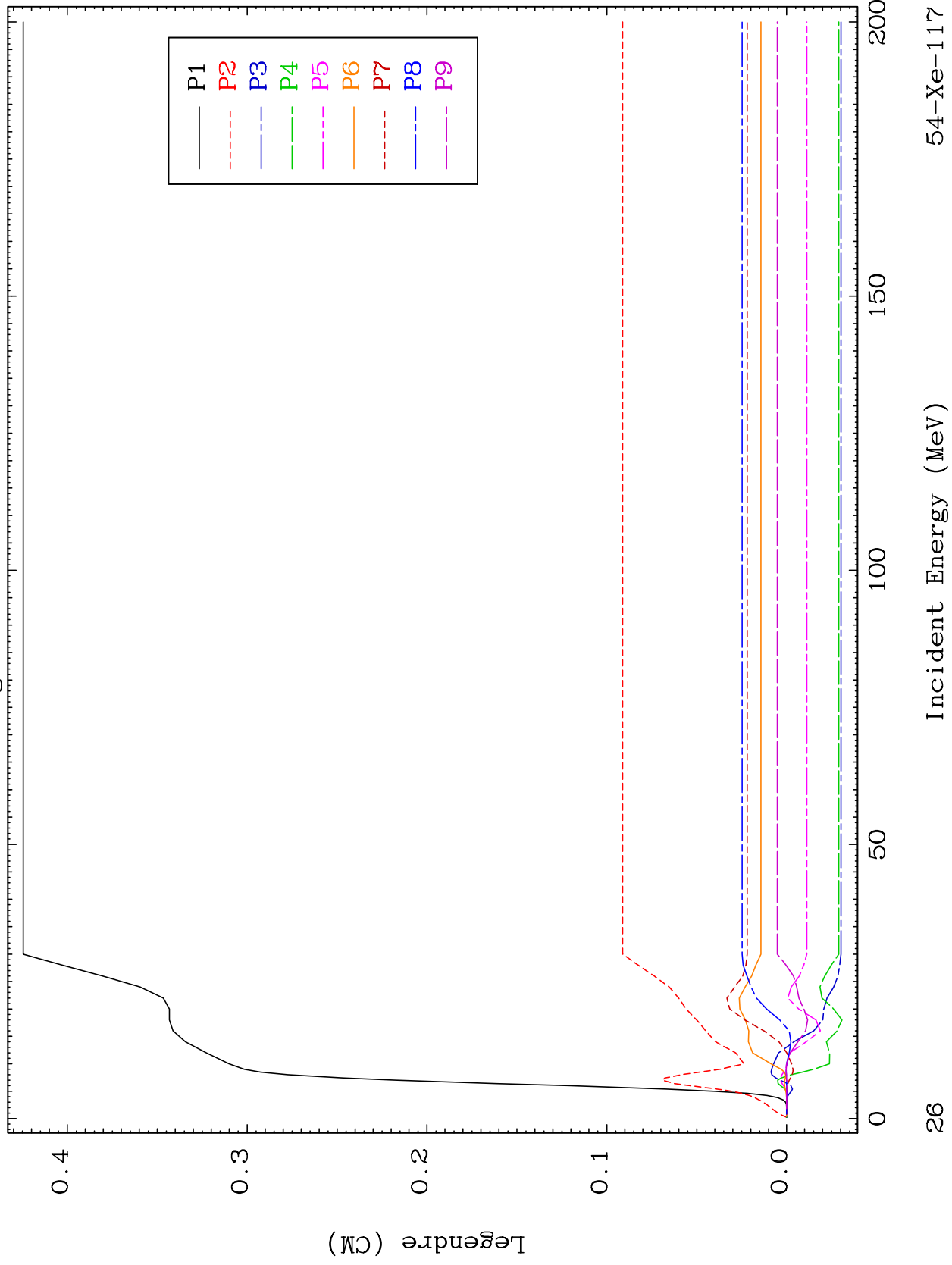
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

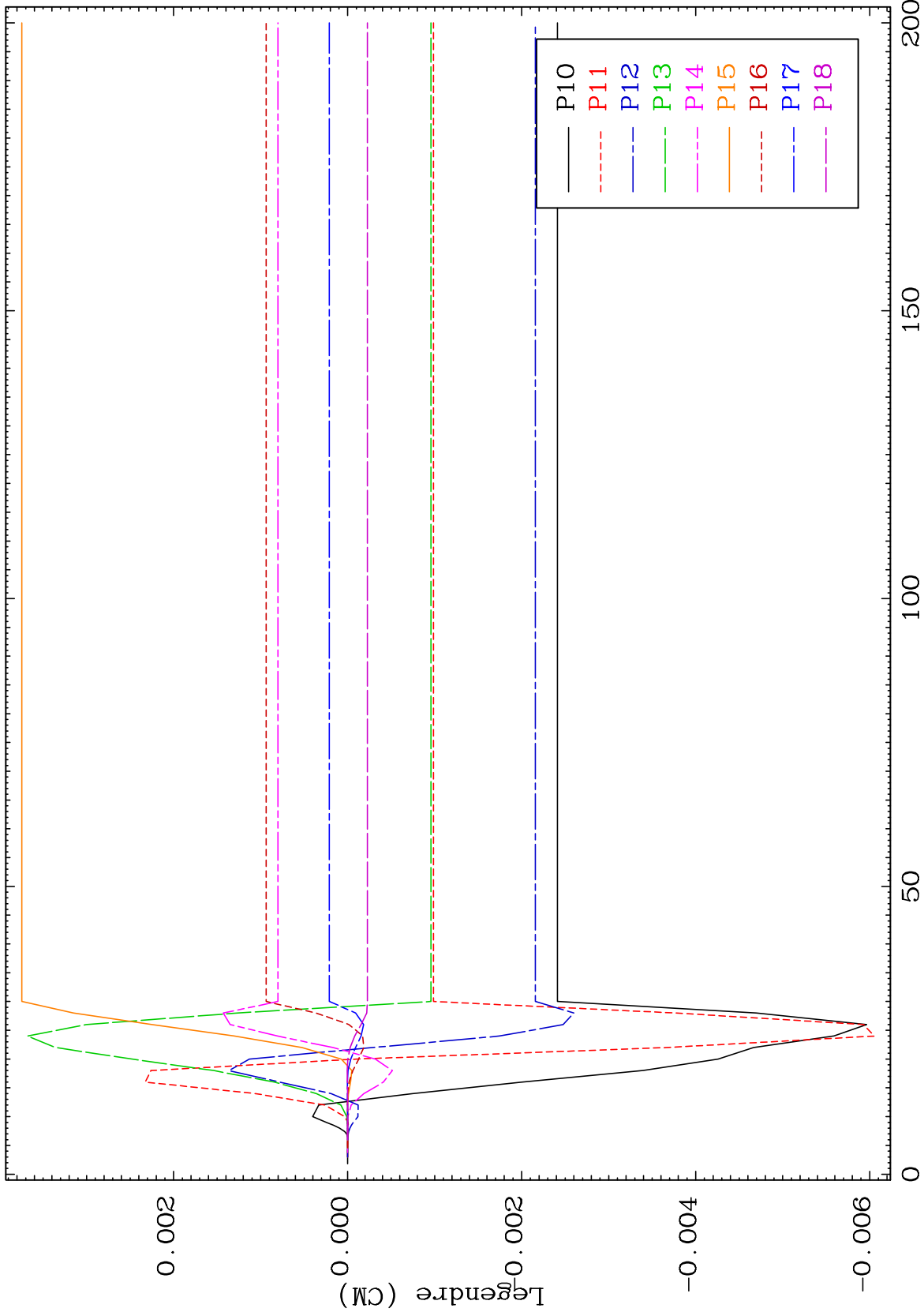
Incident Energy (MeV)

26

MAT 5404

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

54-Xe-117



27

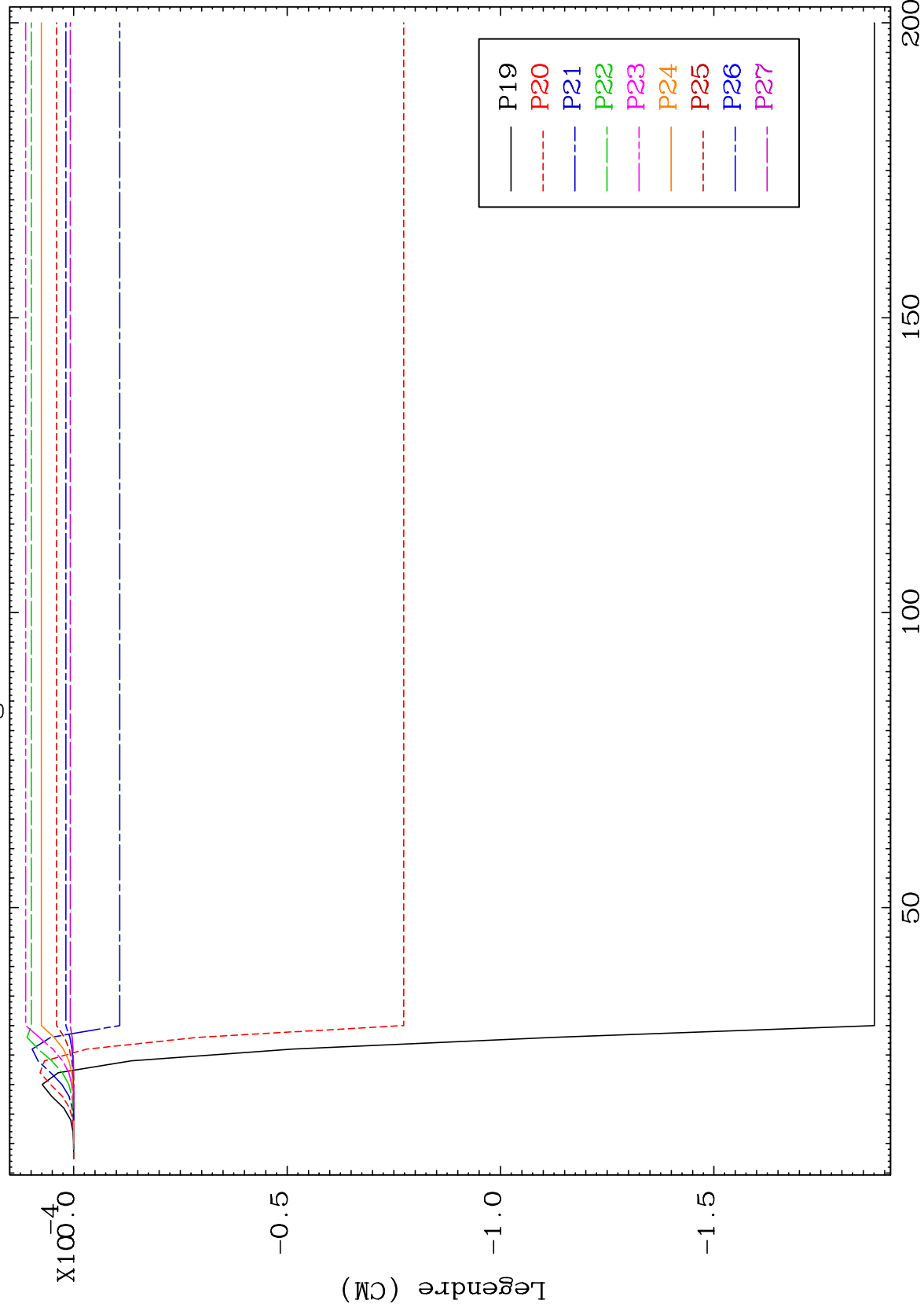
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

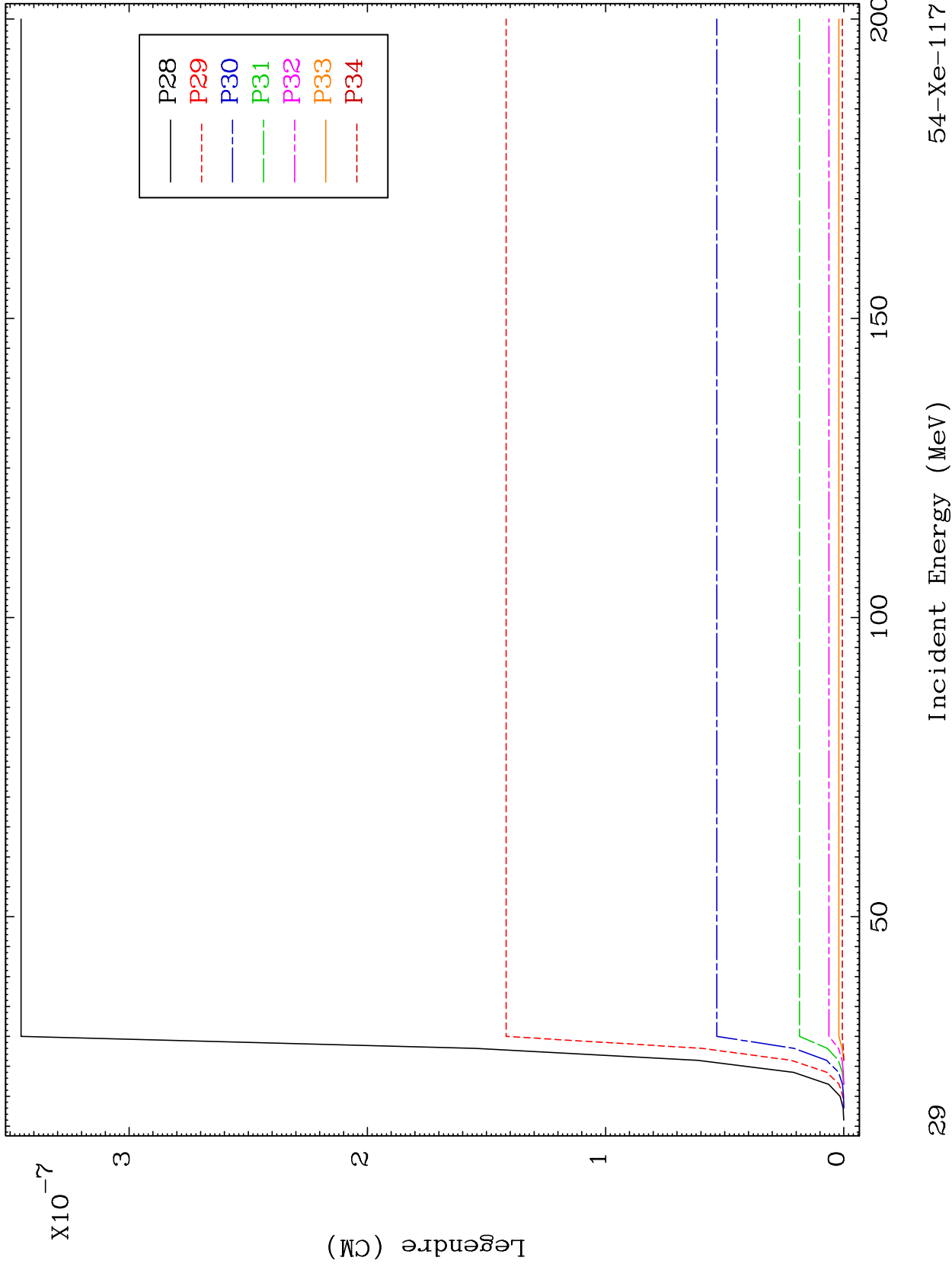
54-Xe-117



MAT 5404

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

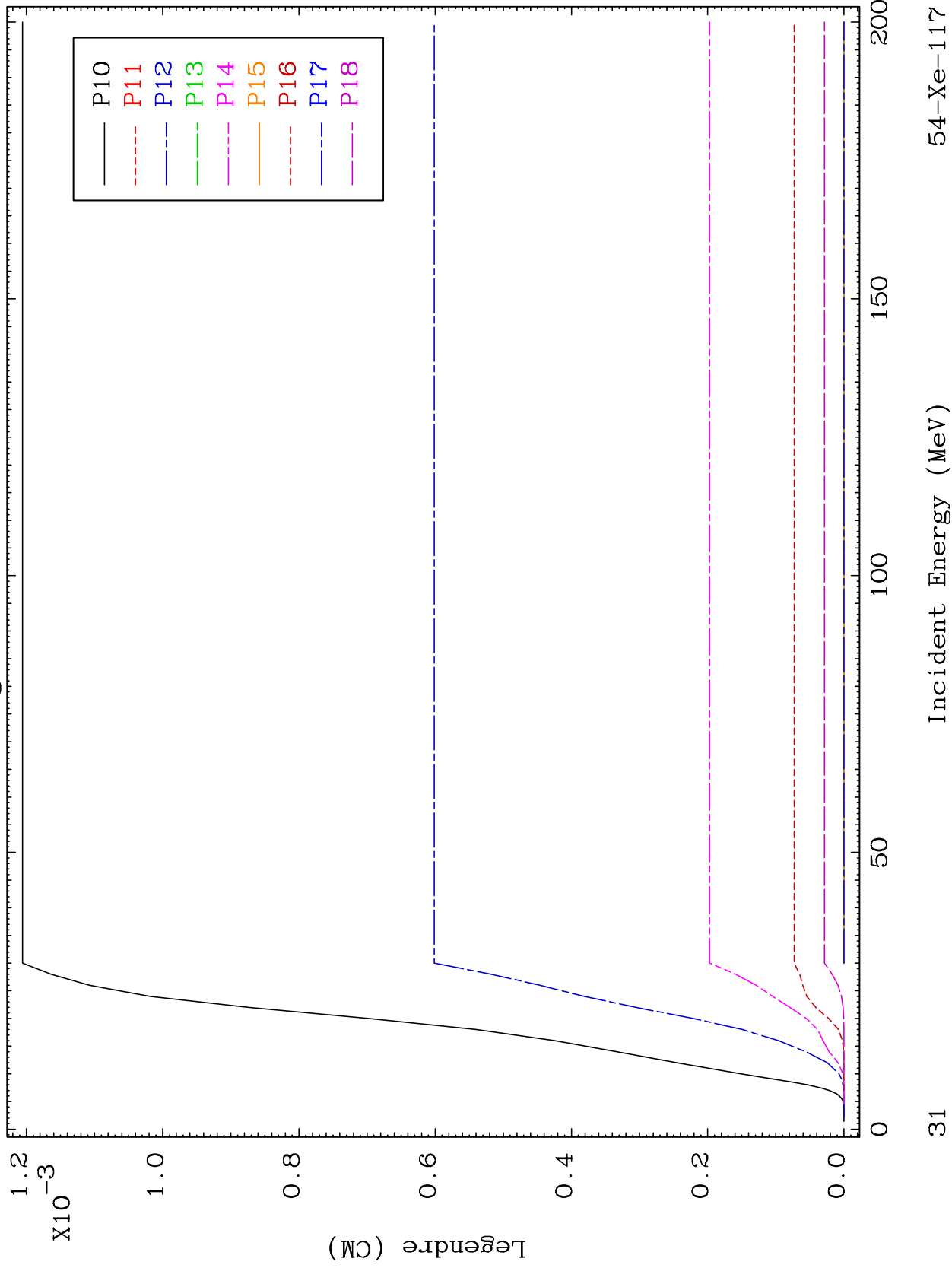
54-Xe-117



MAT 5404

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

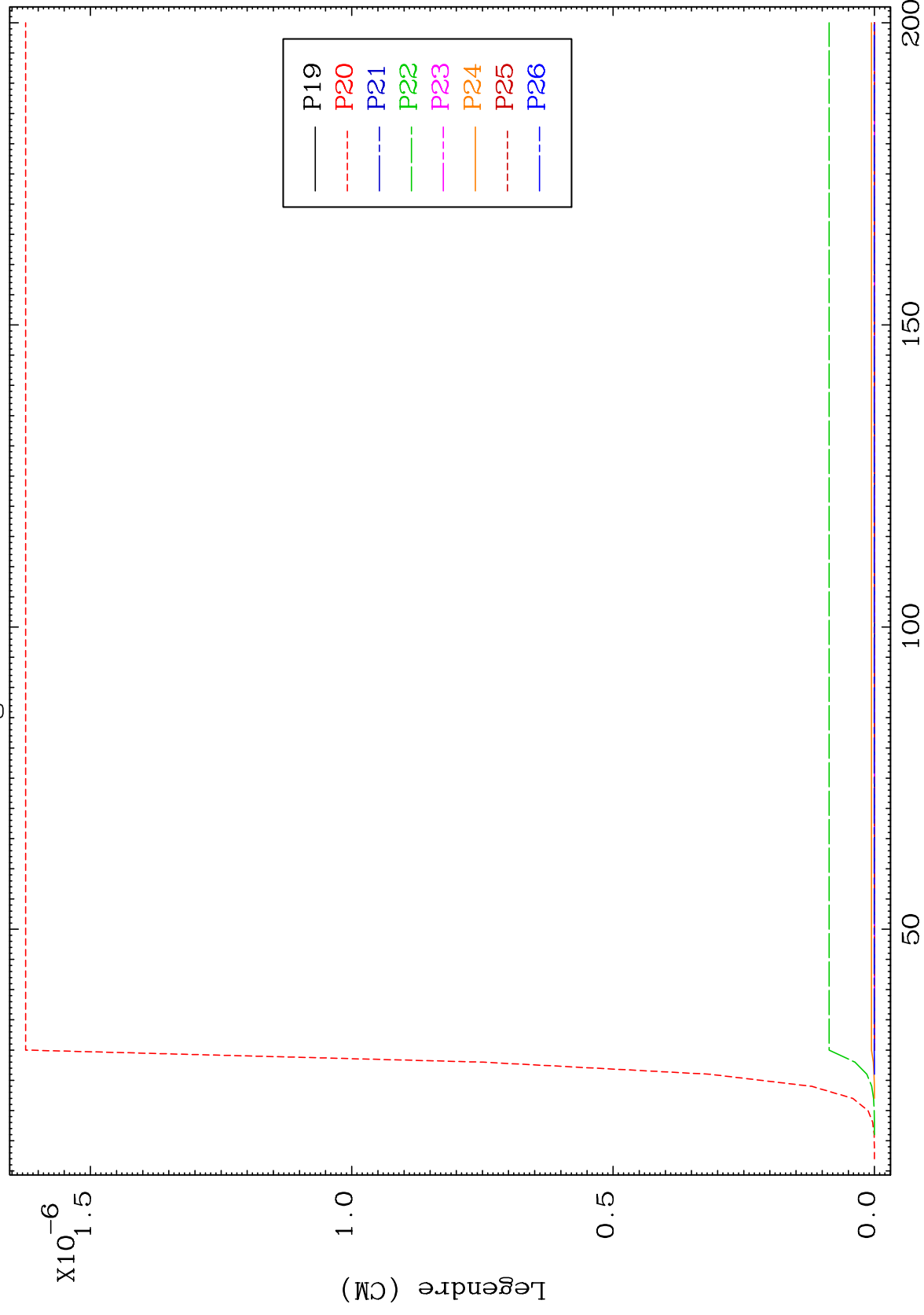
54-Xe-117



MAT 5404

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

54-Xe-117



32

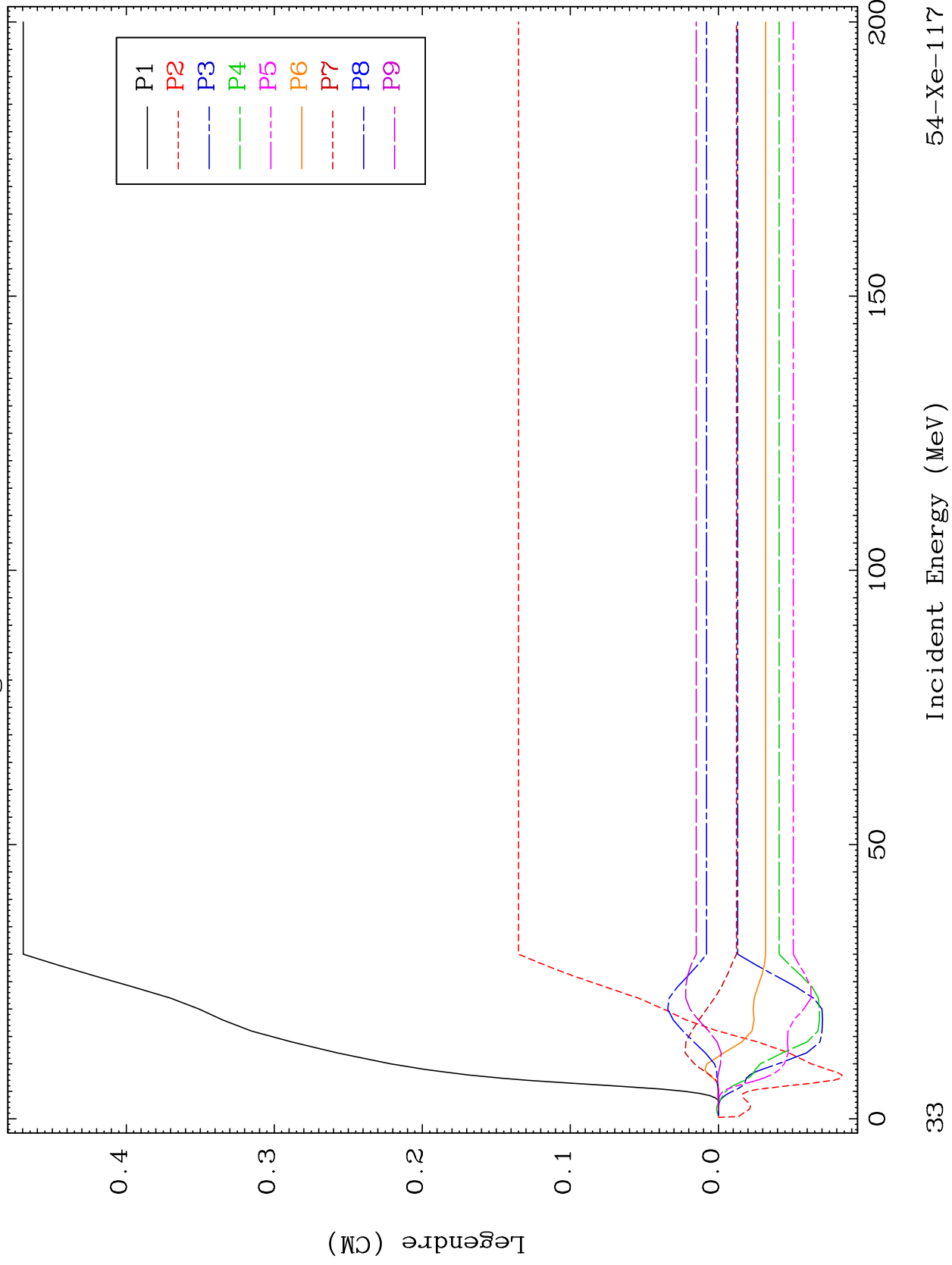
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



33

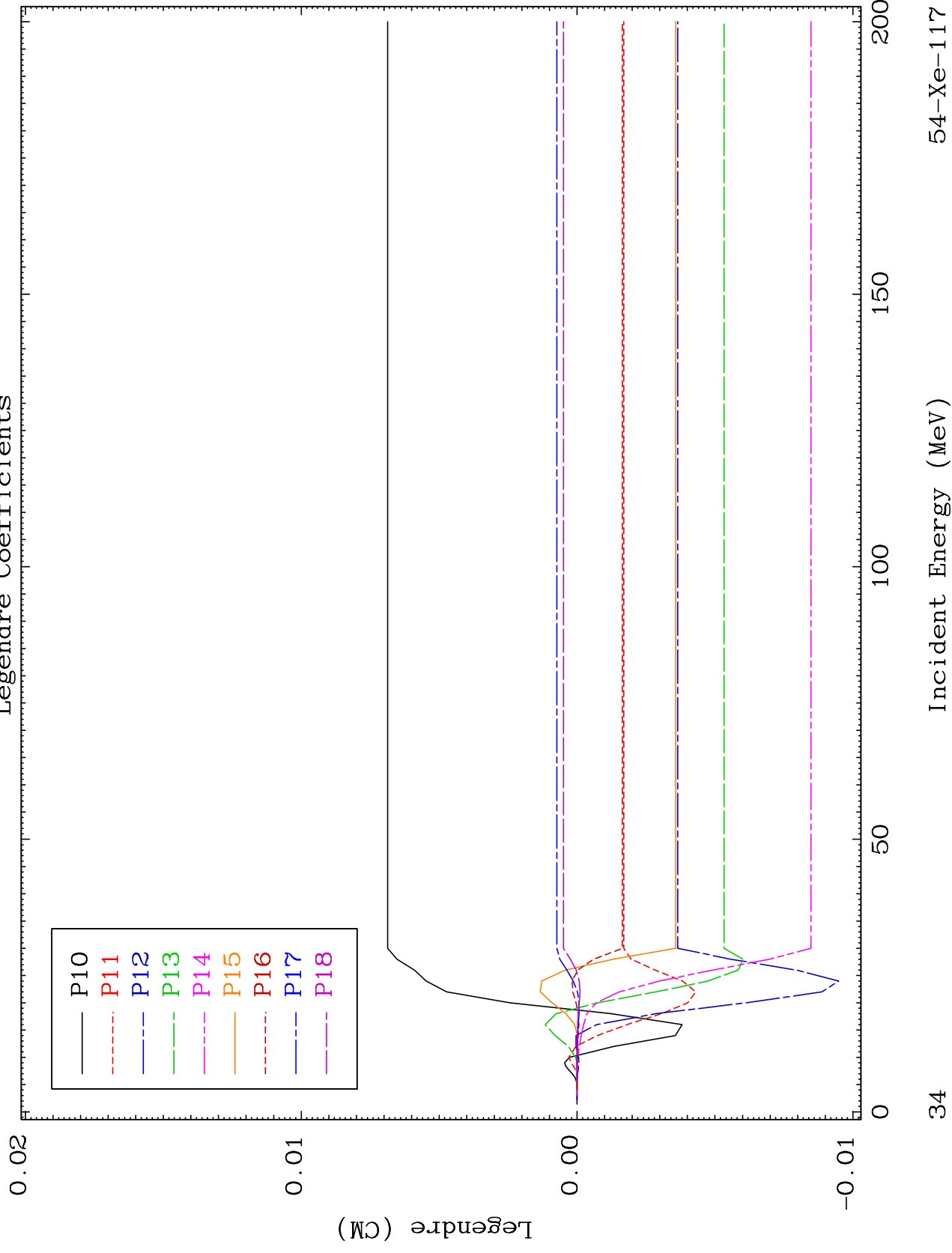
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

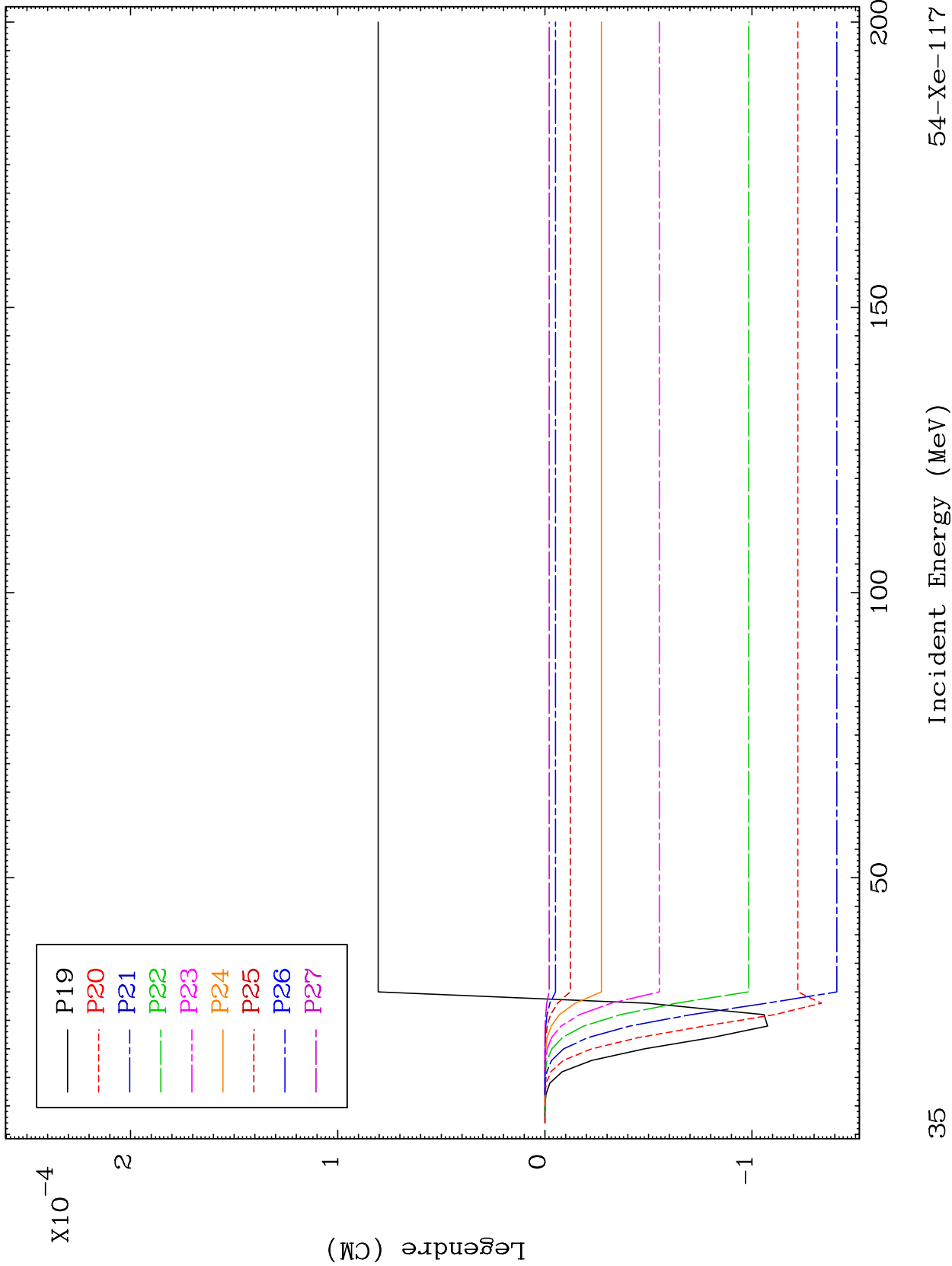
Incident Energy (MeV)

34

MAT 5404

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

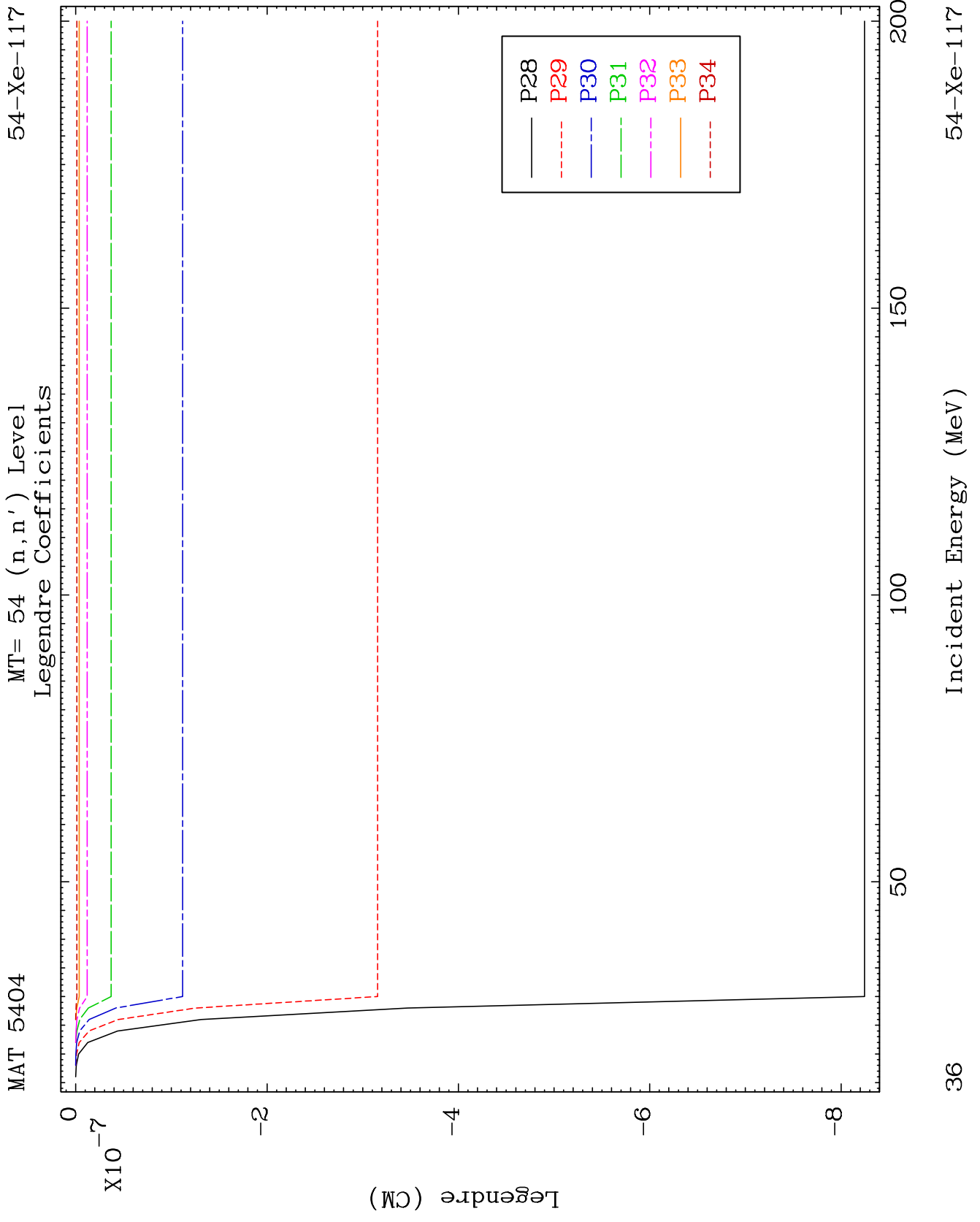
54-Xe-117



35

Incident Energy (MeV)

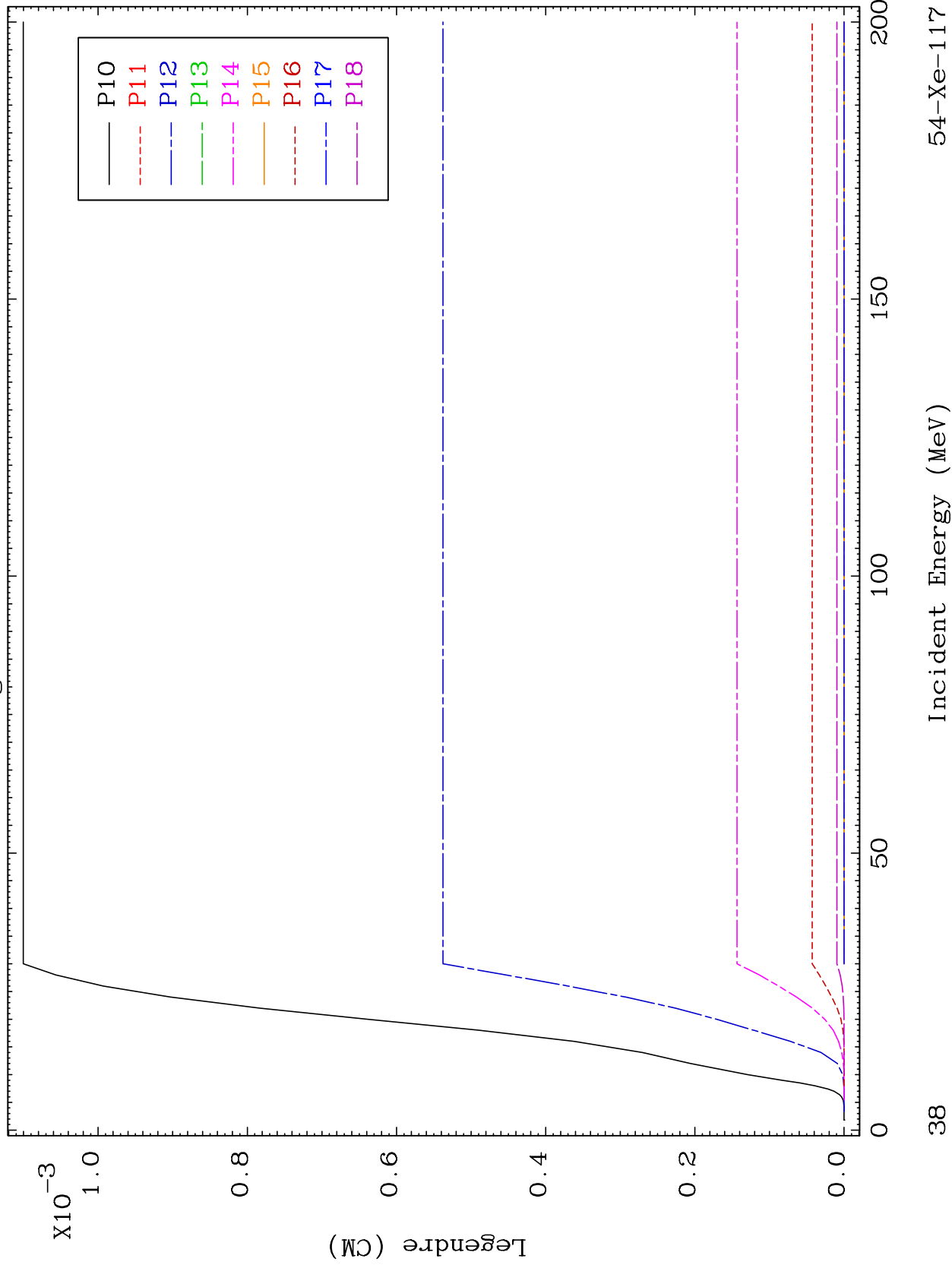
54-Xe-117



MAT 5404

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

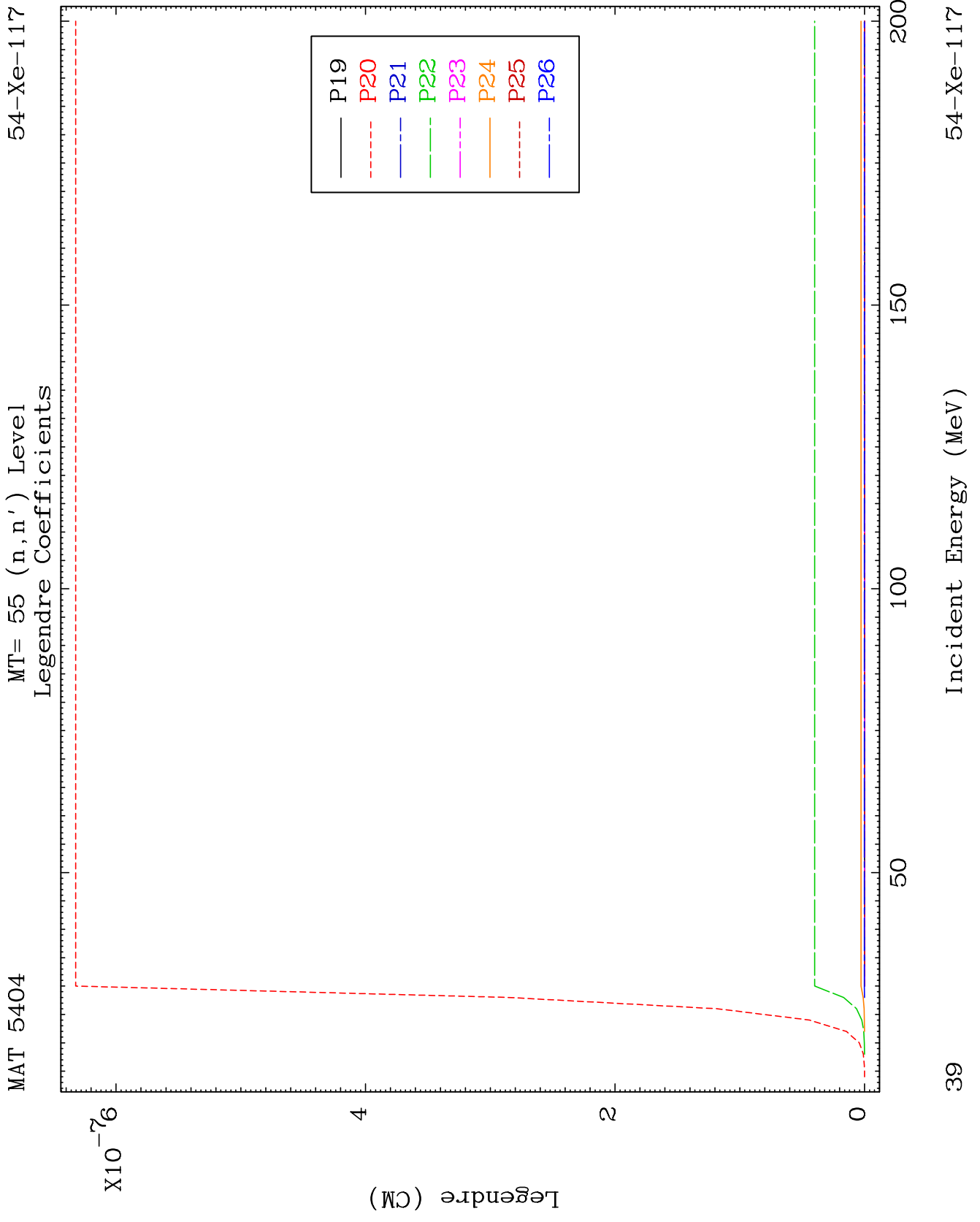
54-Xe-117



54-Xe-117

Incident Energy (MeV)

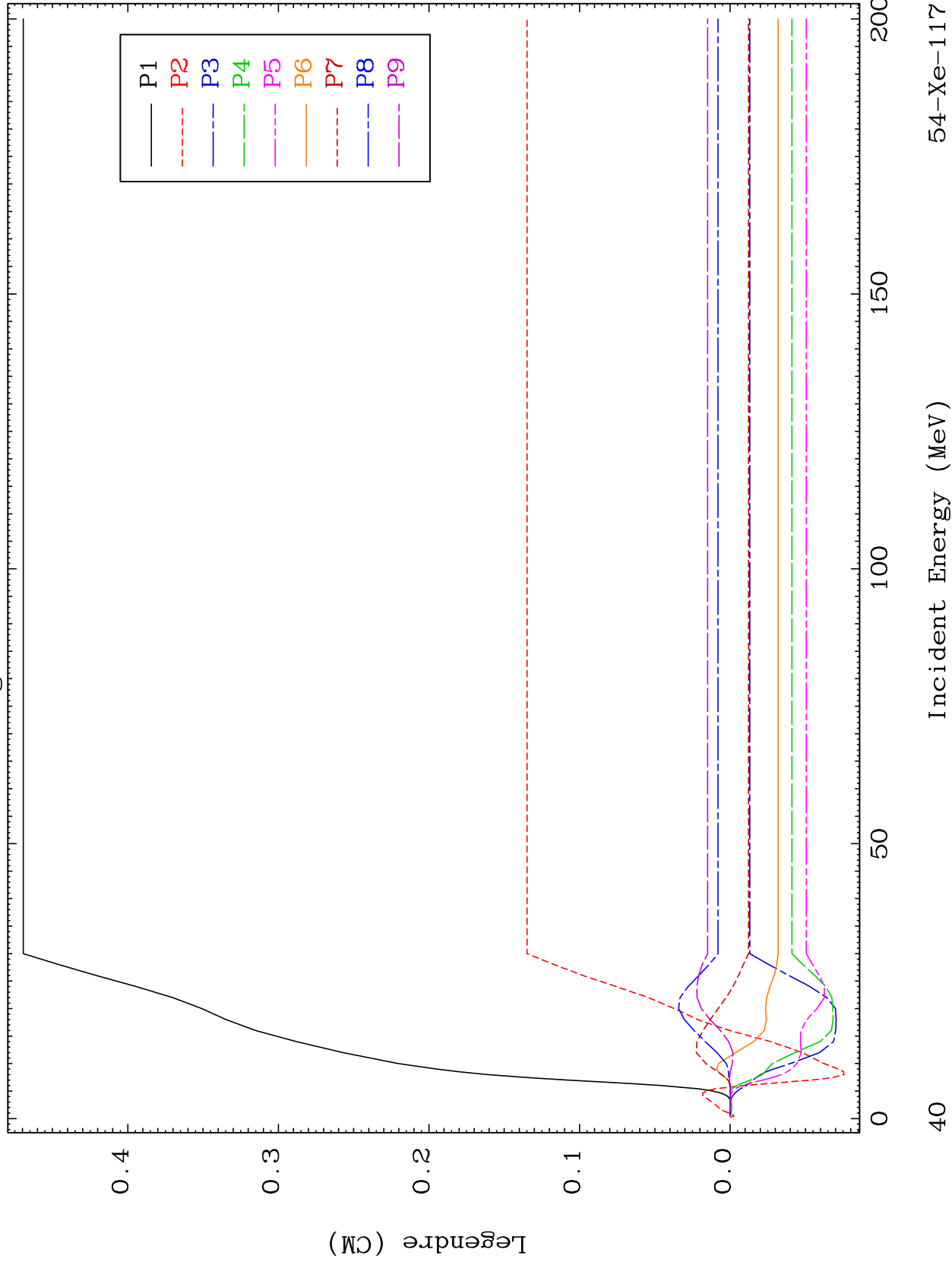
38



MAT 5404

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

54-Xe-117



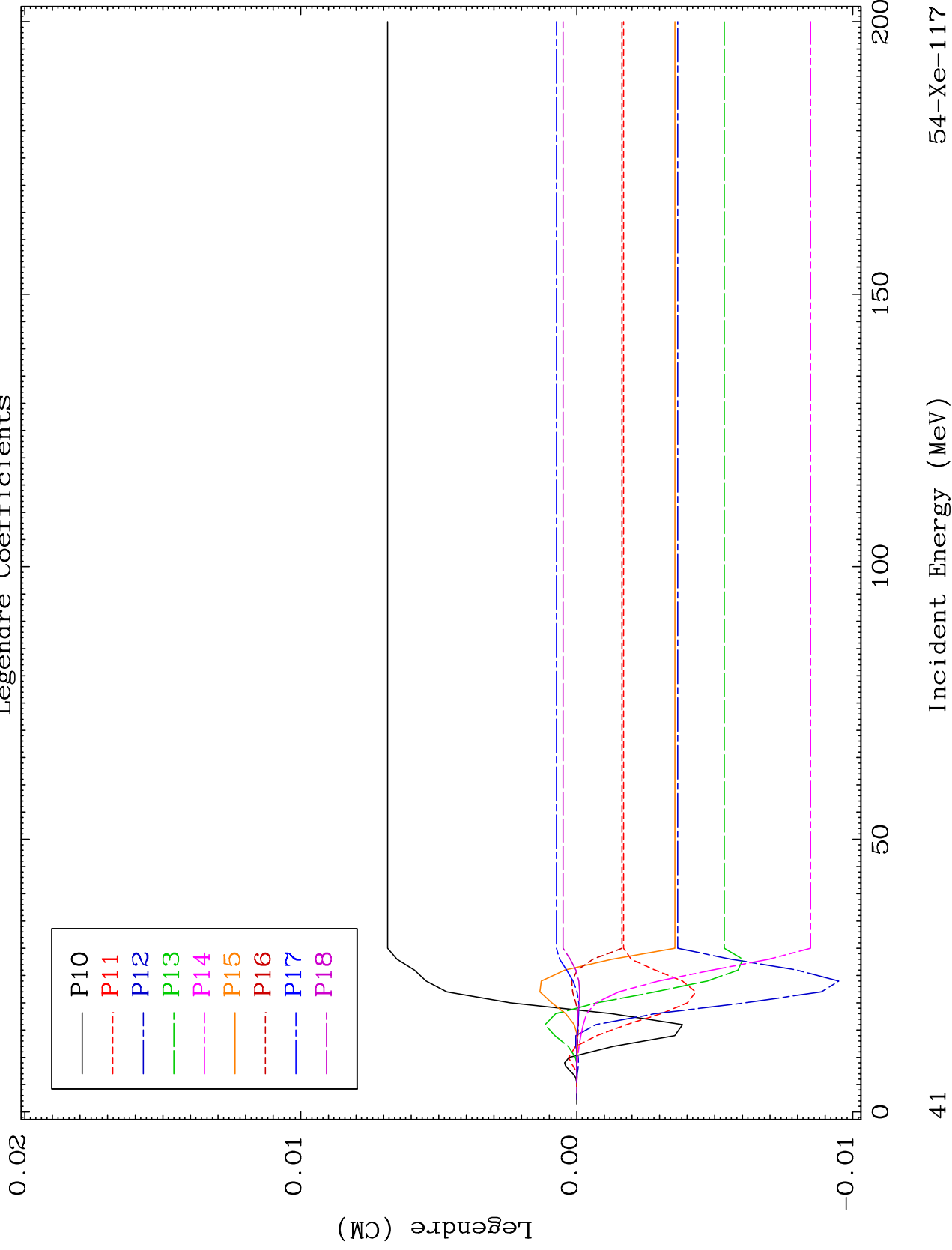
54-Xe-117

Incident Energy (MeV)

MAT 5404

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

54-Xe-117



41

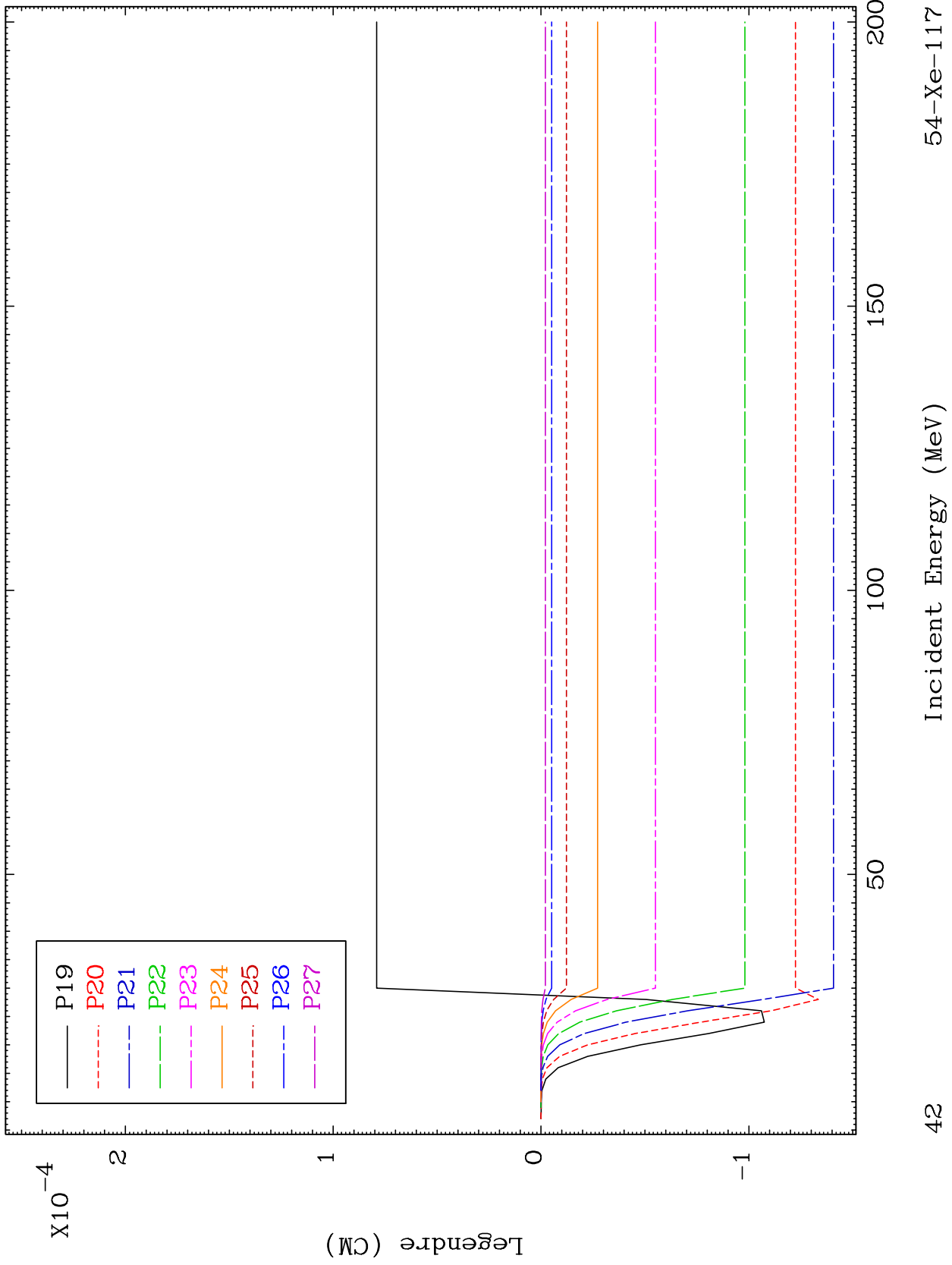
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

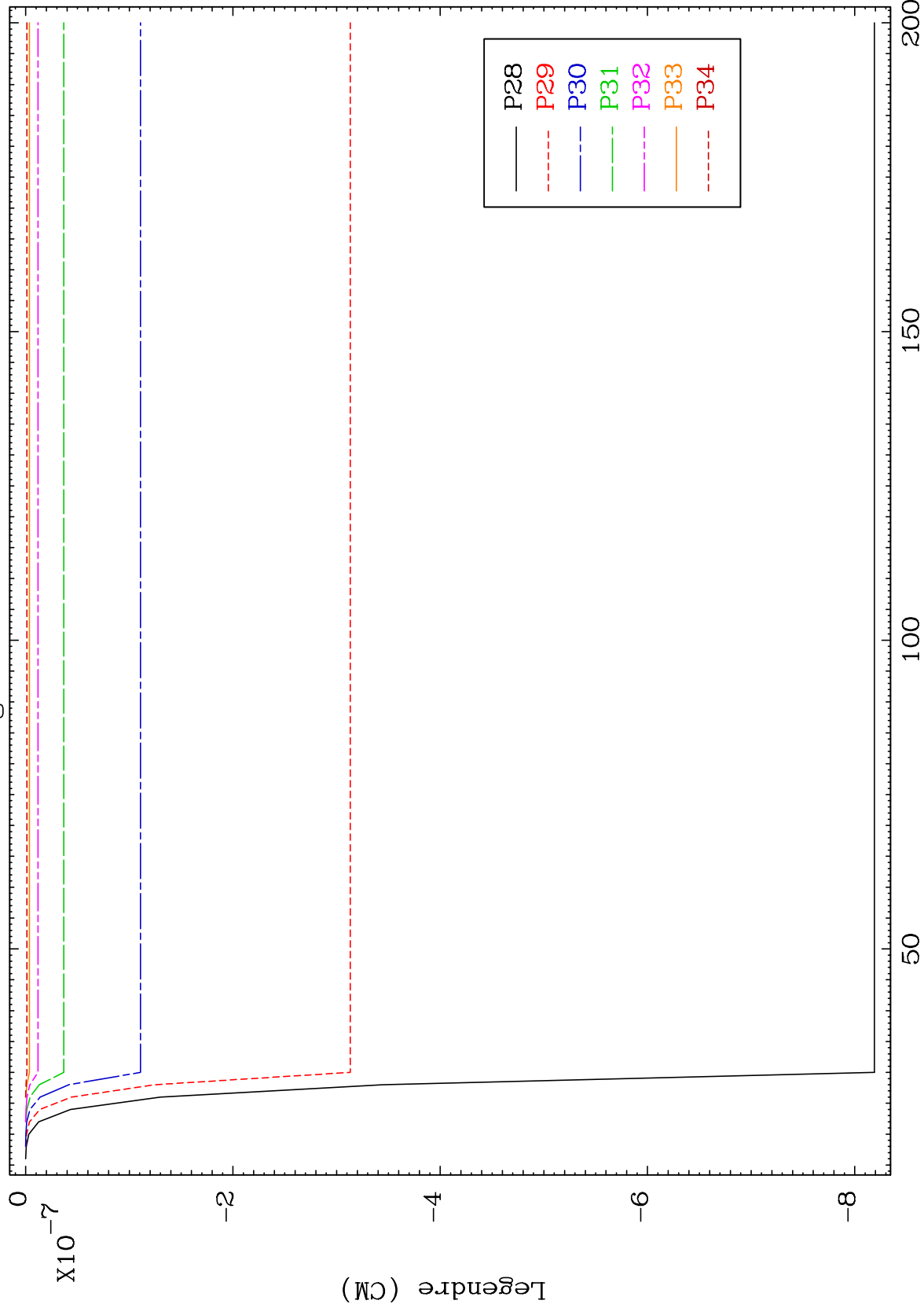
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

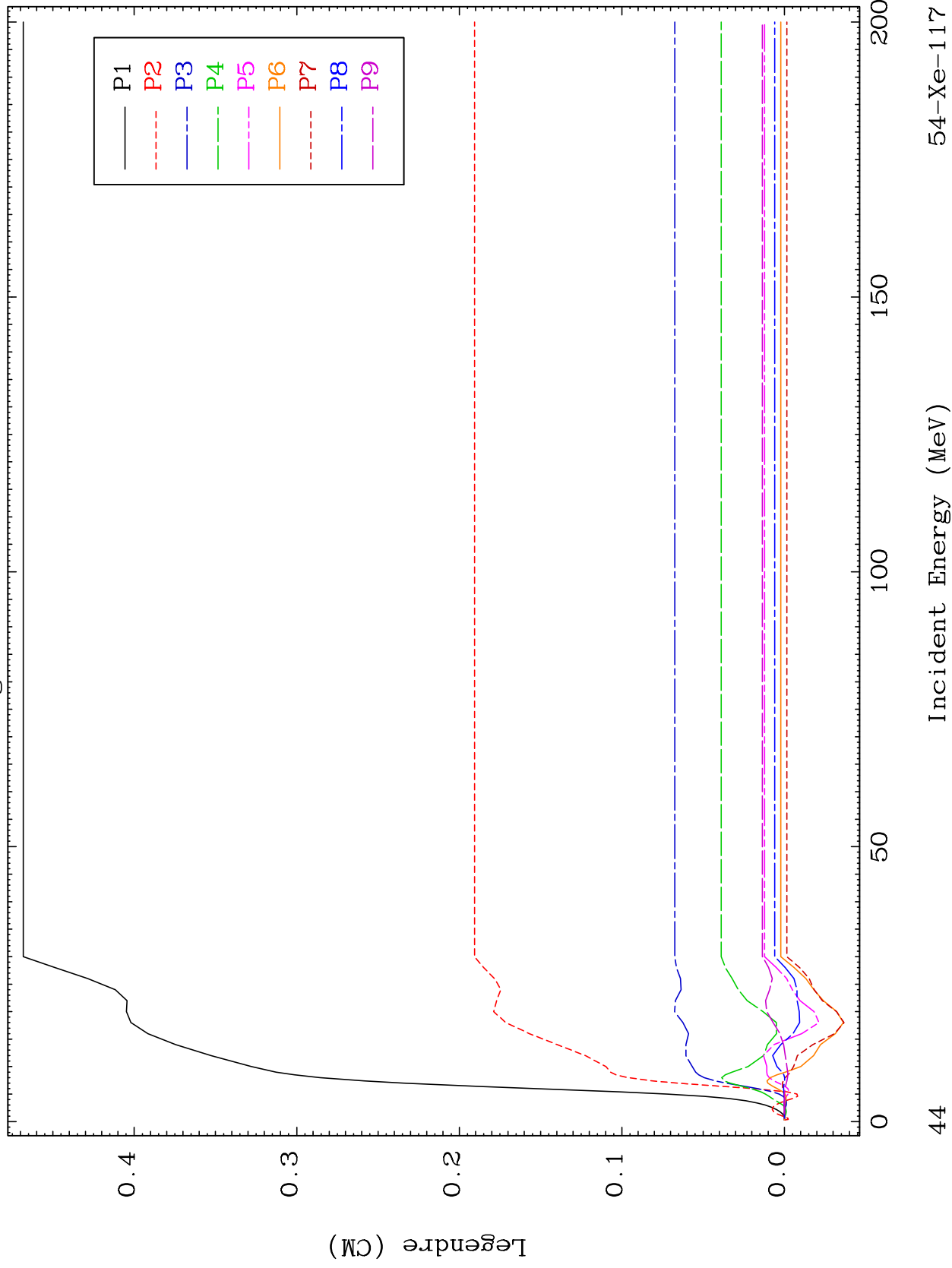
Incident Energy (MeV)

43

MAT 5404

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

54-Xe-117



54-Xe-117

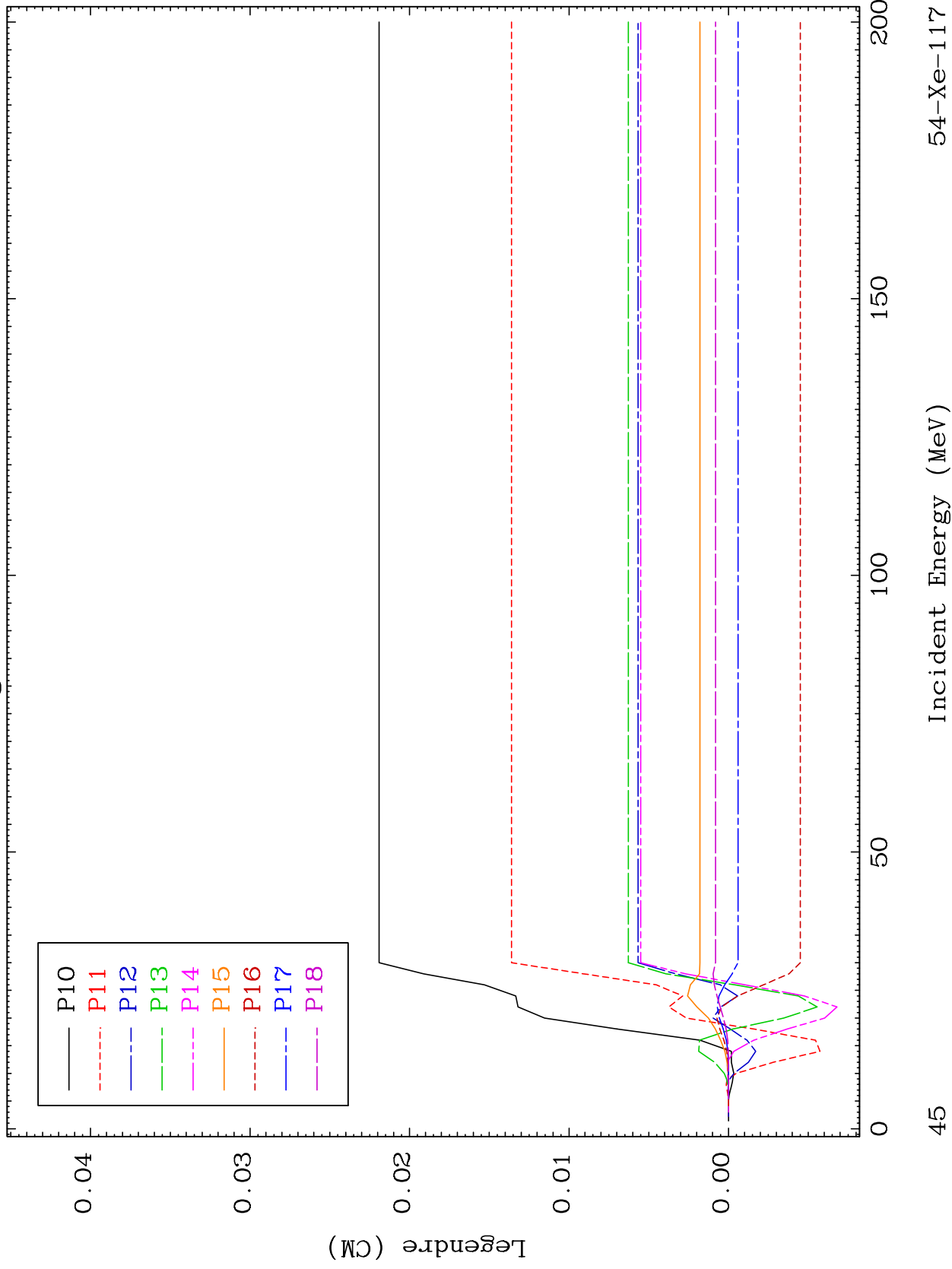
Incident Energy (MeV)

44

MAT 5404

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

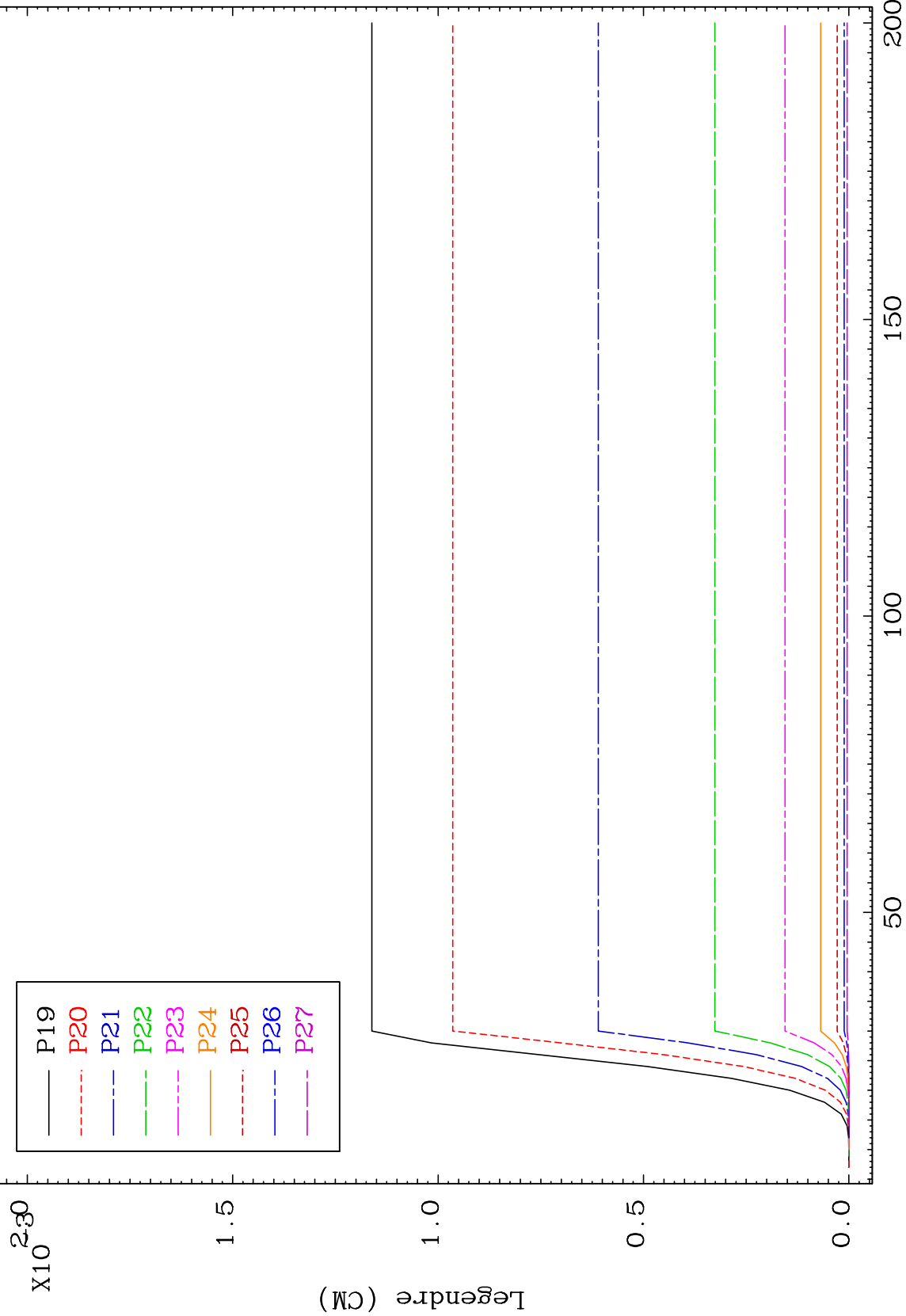
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MAT 5404

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

54-Xe-117



46

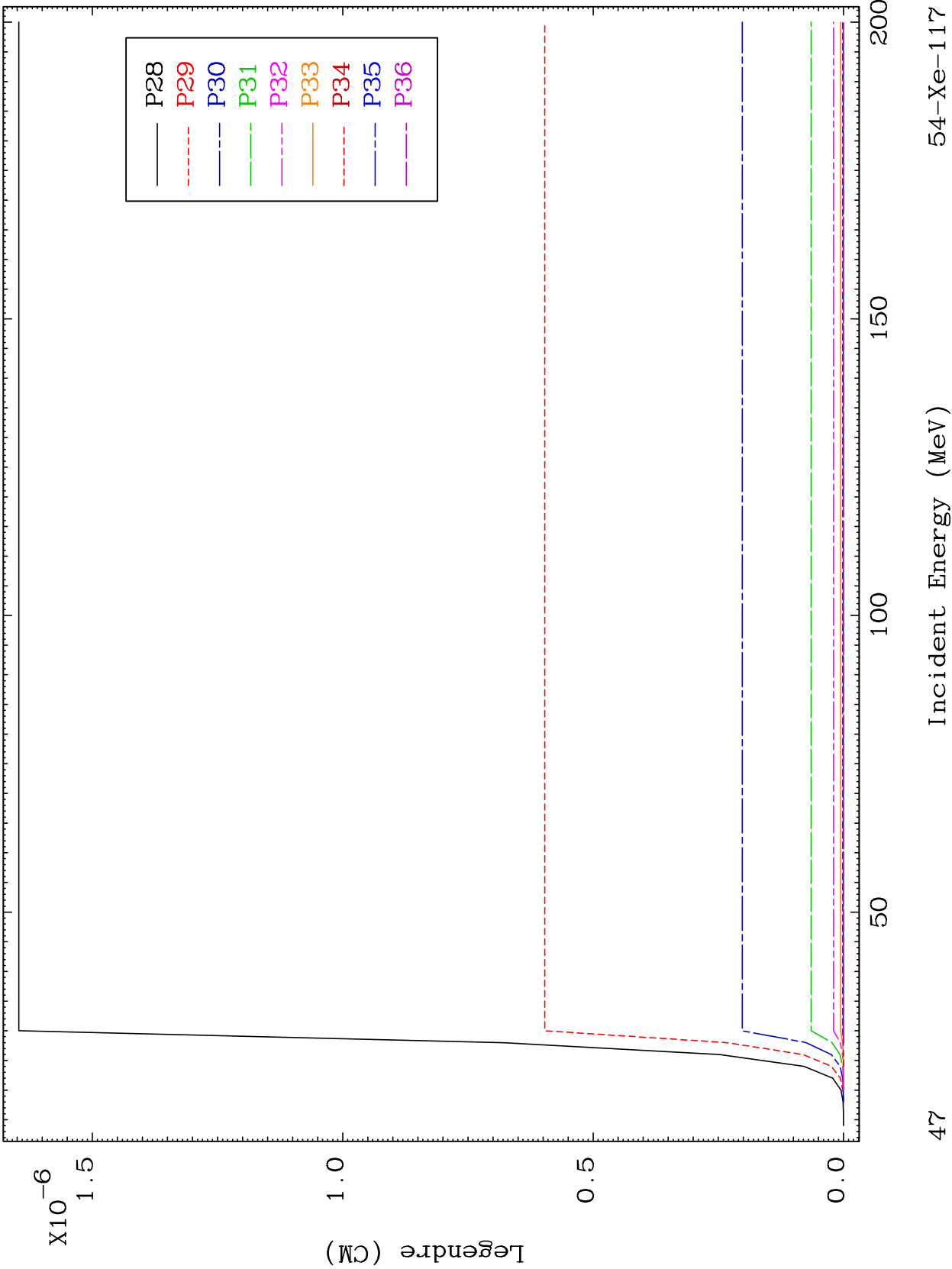
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

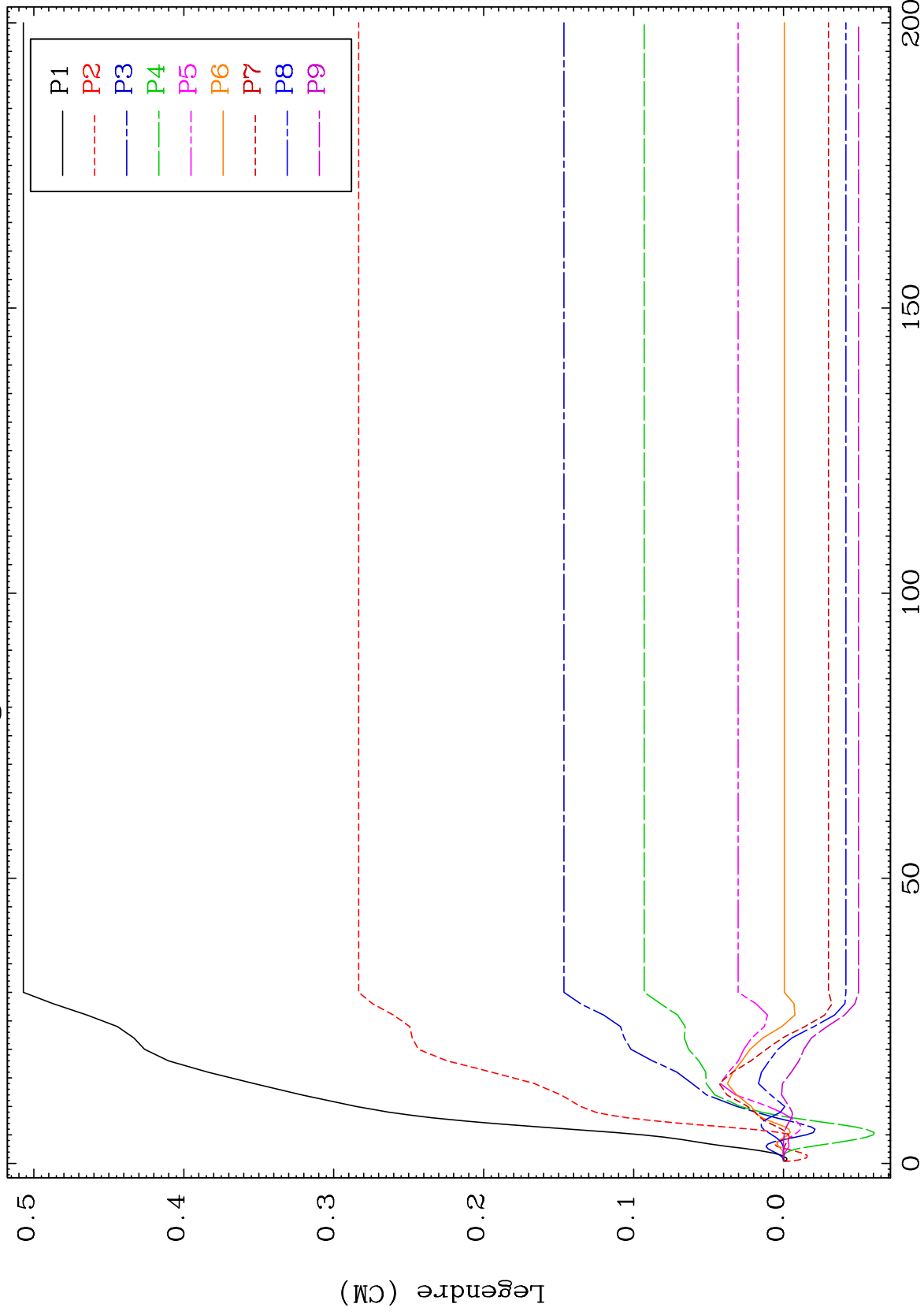
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

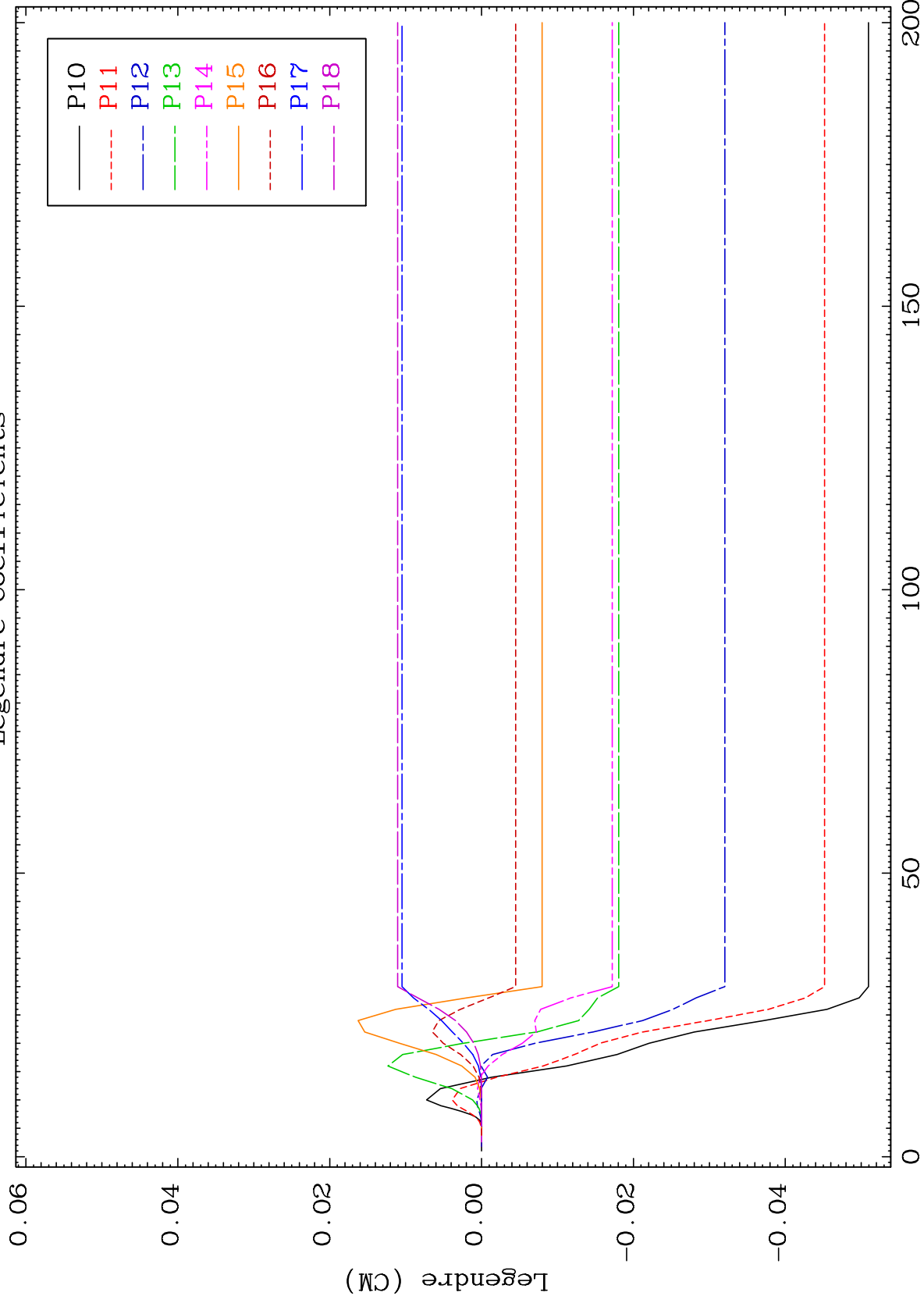
Incident Energy (MeV)

48

MAT 5404

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

54-Xe-117



49

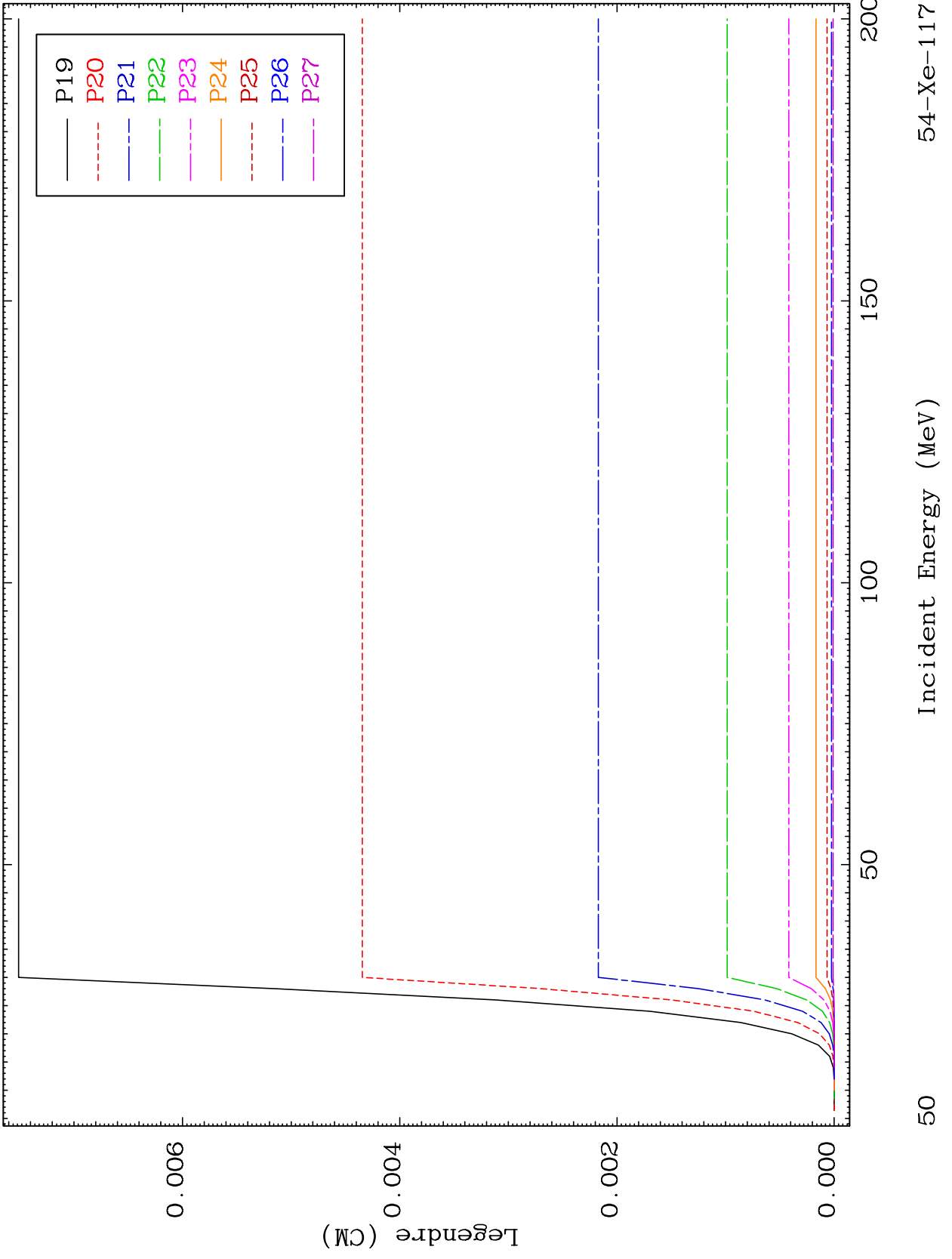
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

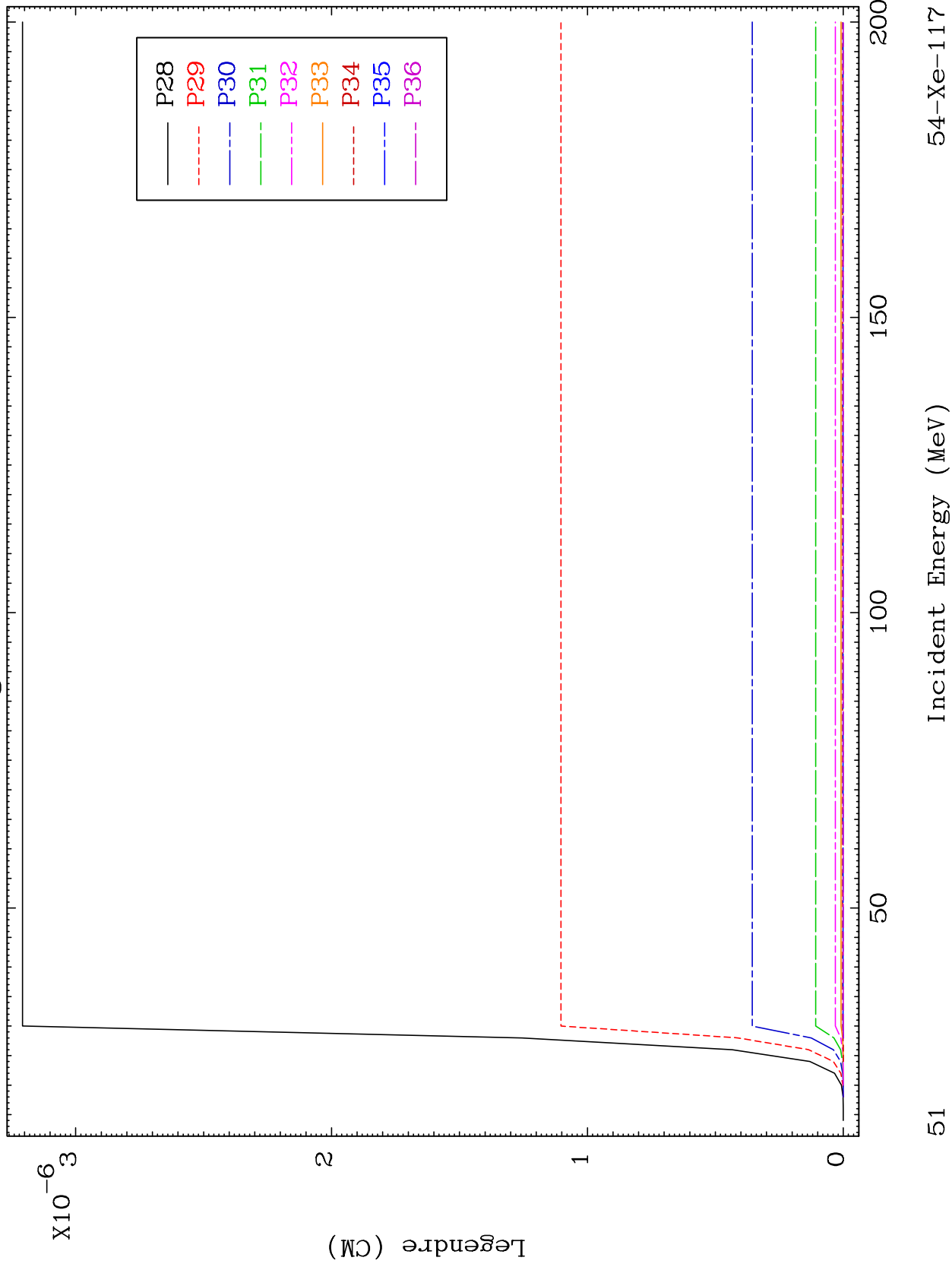
Incident Energy (MeV)

50

MAT 5404

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

54-Xe-117

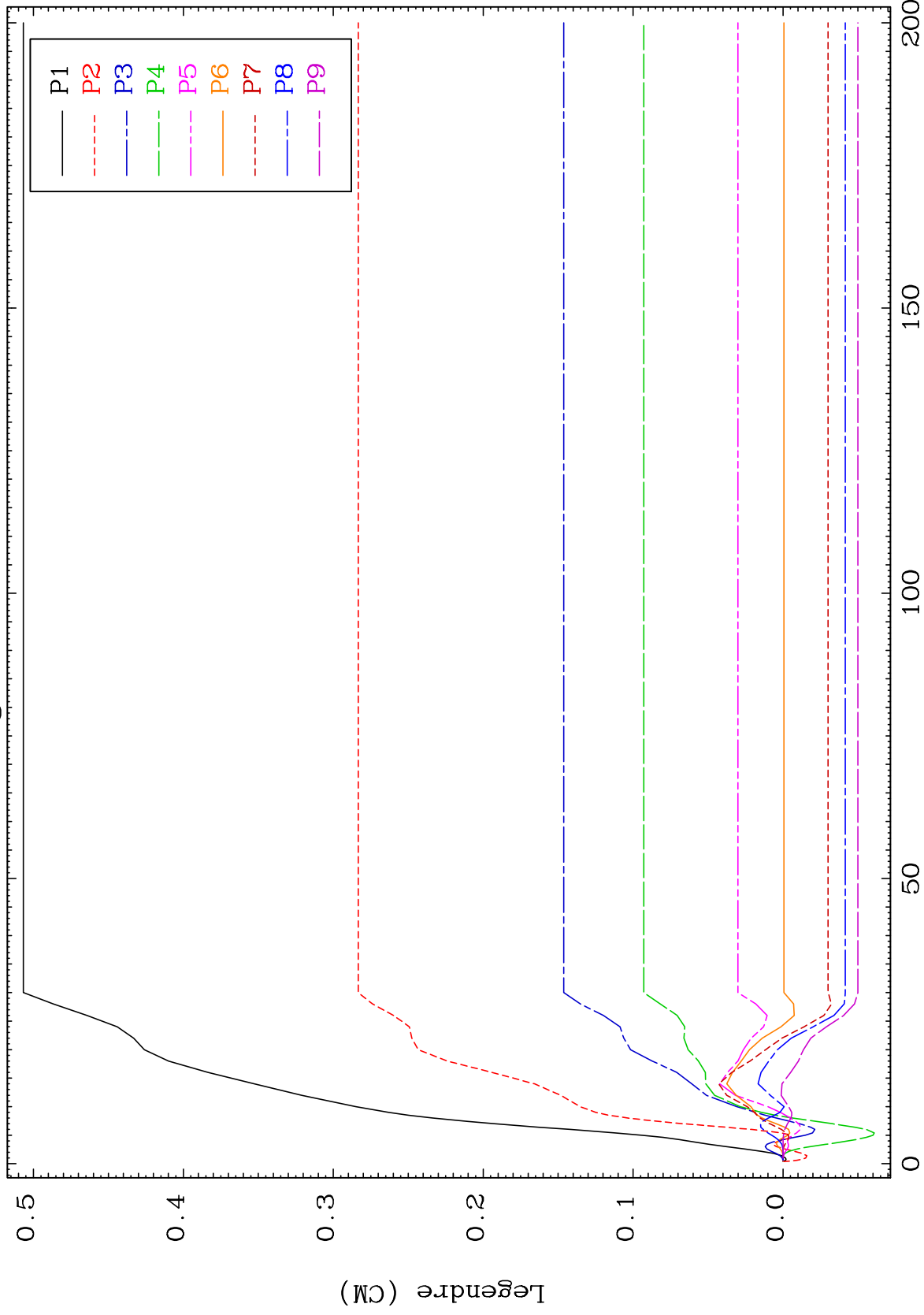


51

MAT 5404

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

54-Xe-117



54-Xe-117

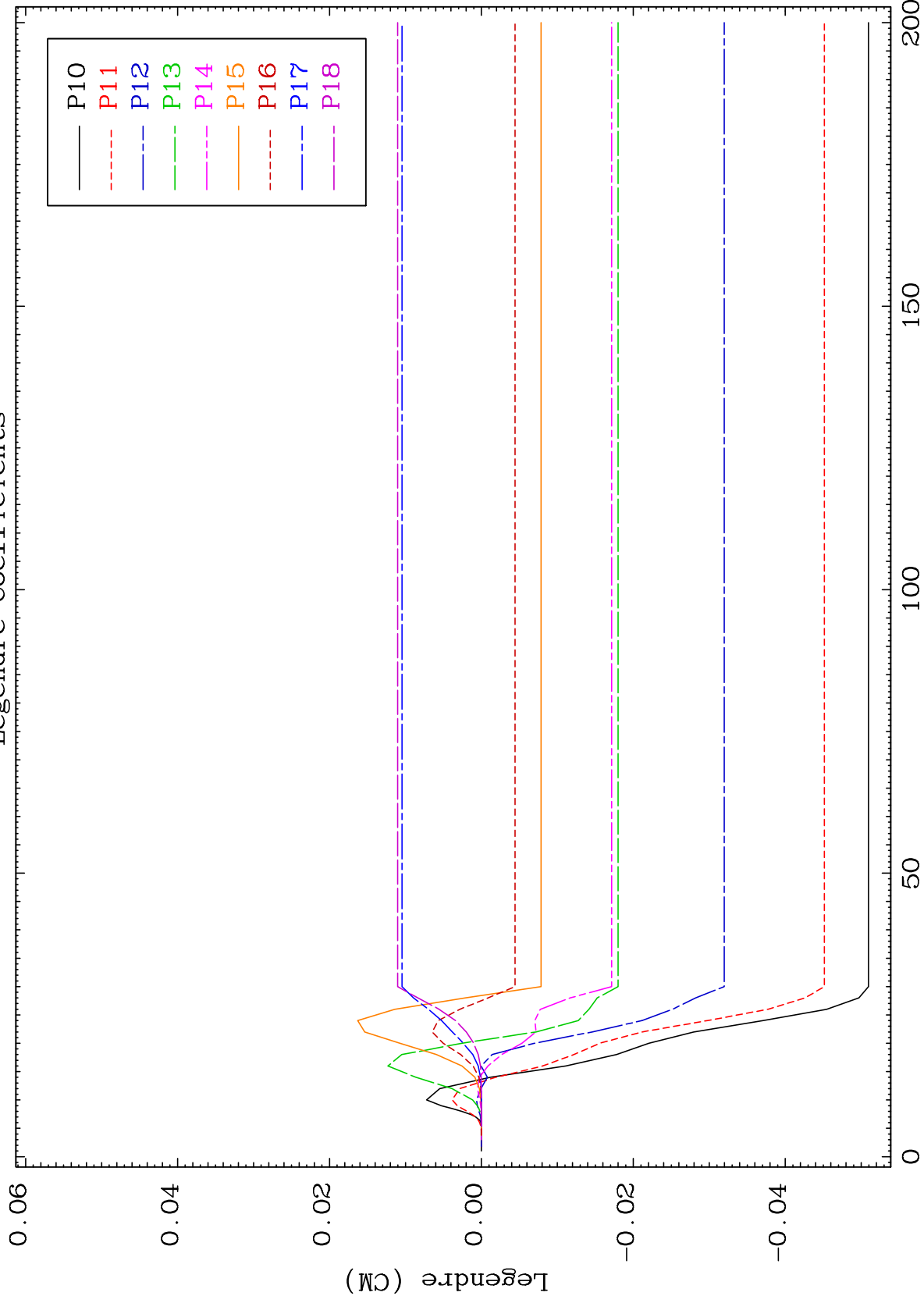
Incident Energy (MeV)

52

MAT 5404

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

54-Xe-117



53

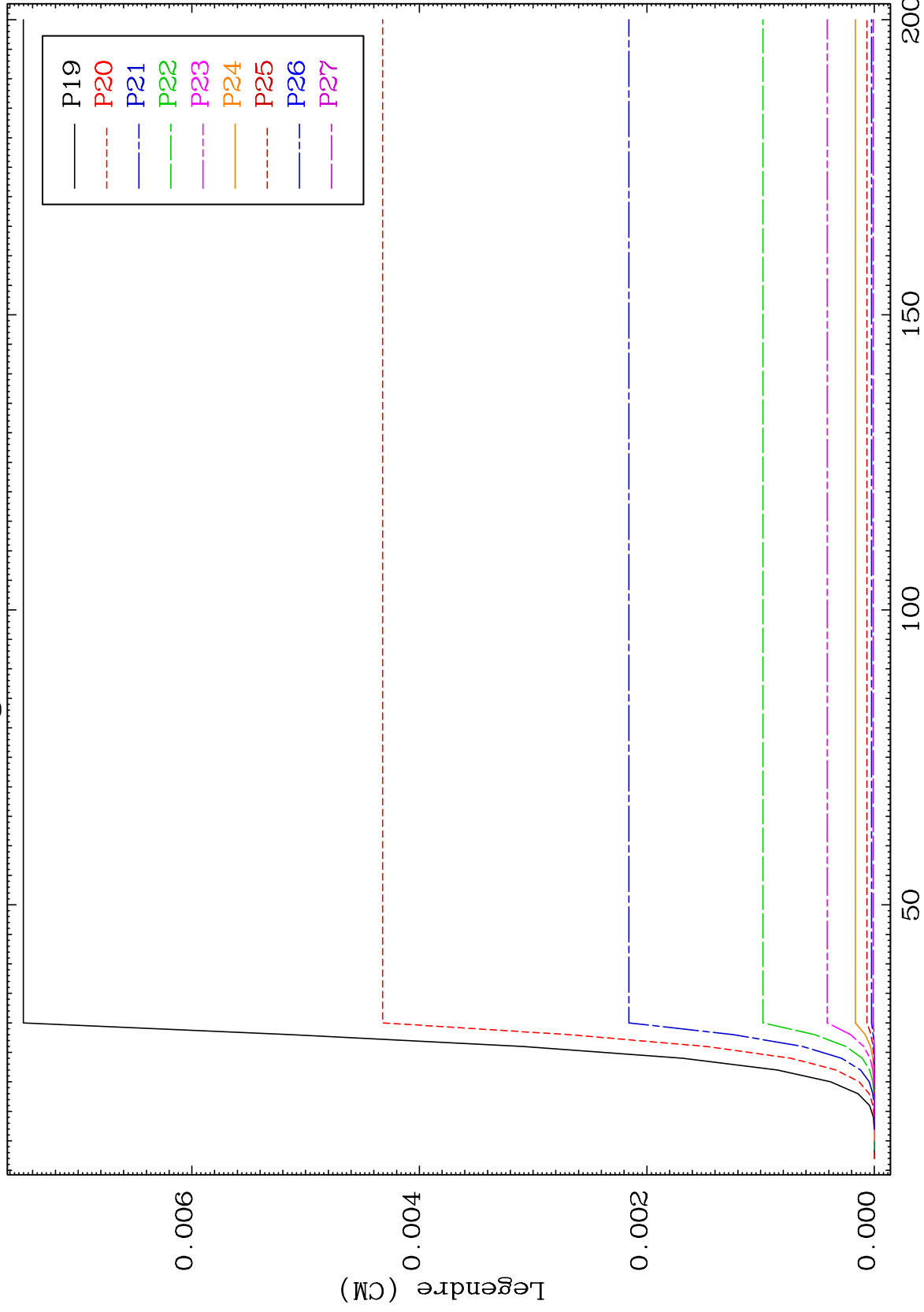
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54

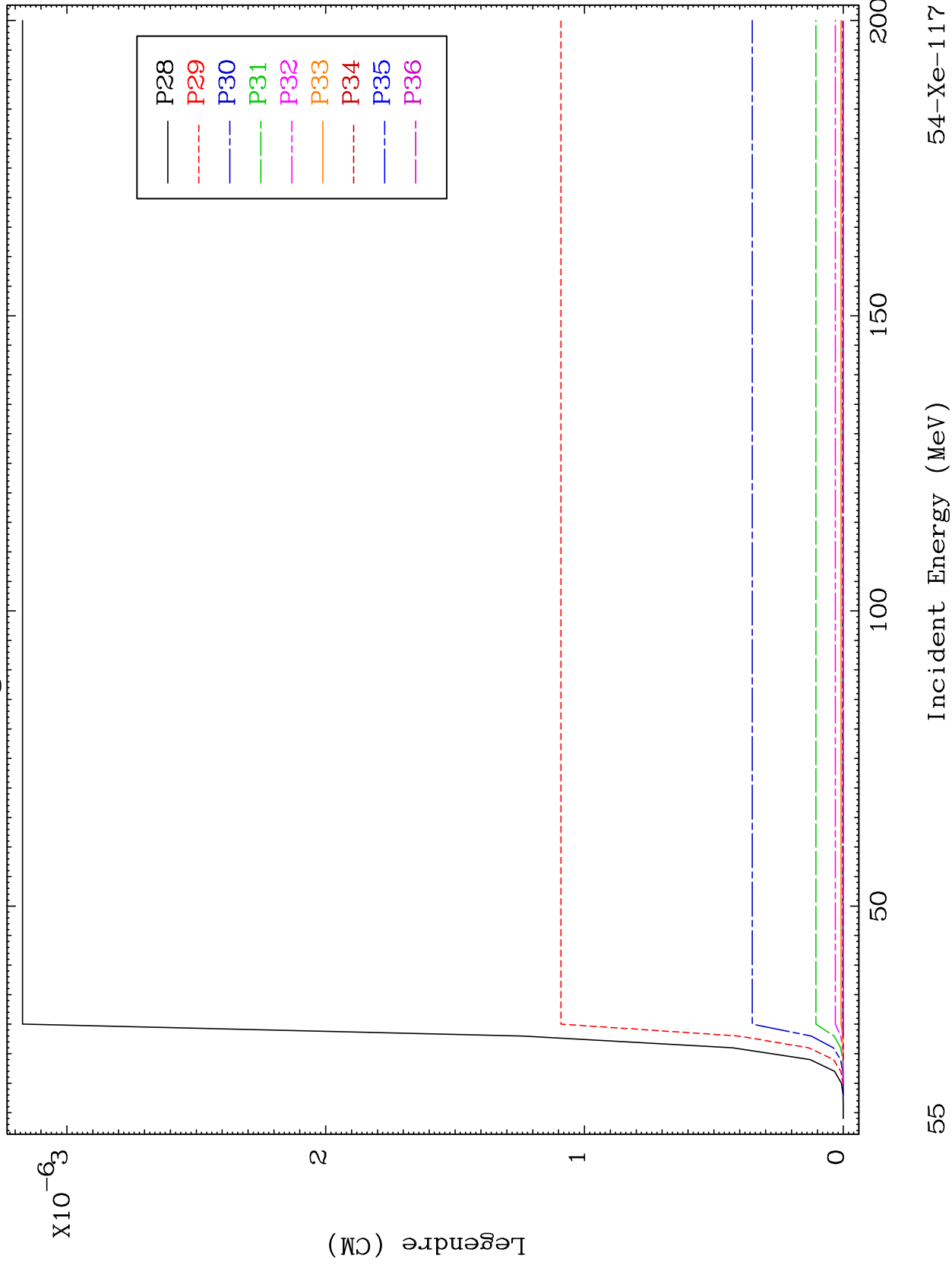
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



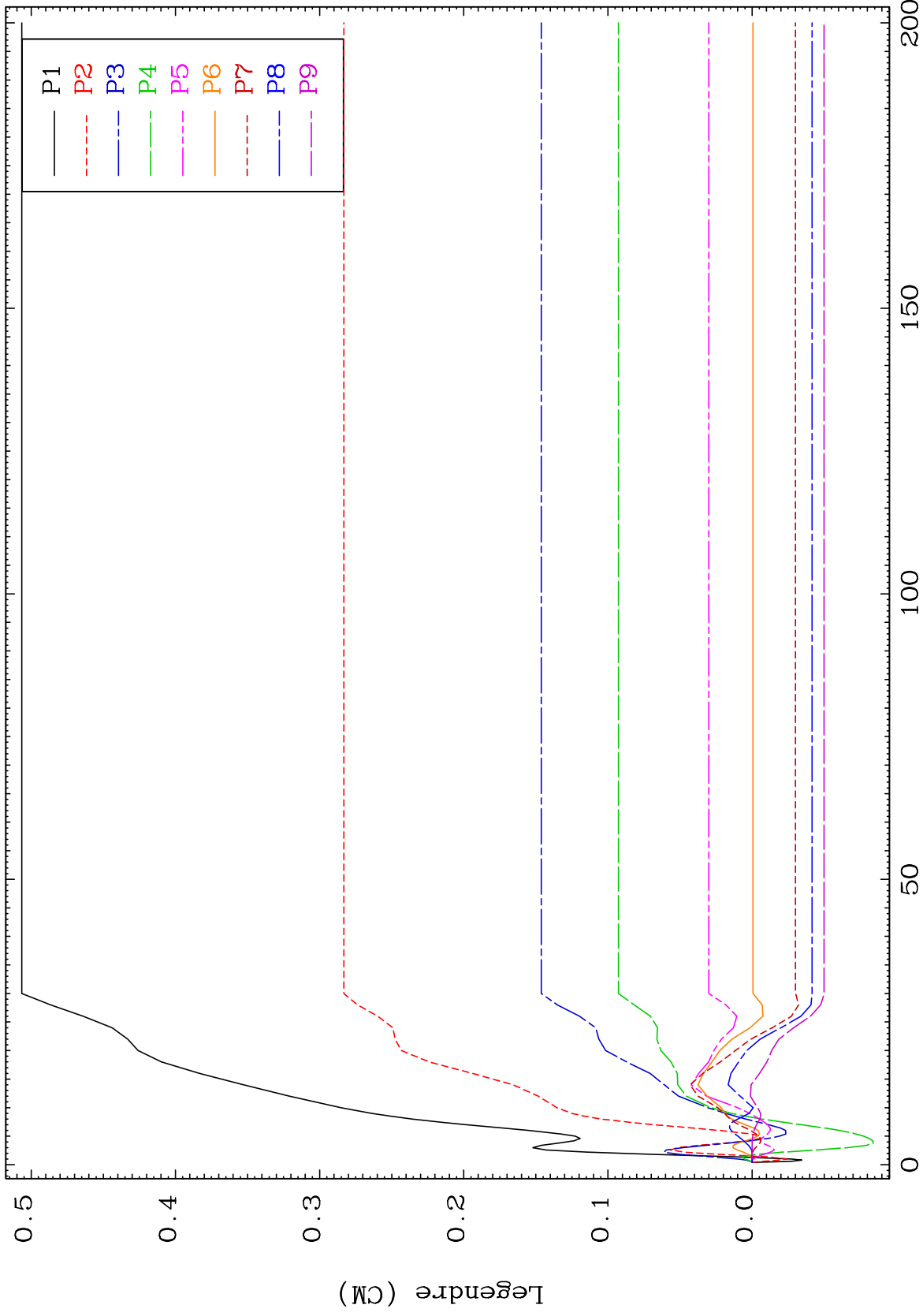
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54-Xe-117

MAT 5404

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

54-Xe-117



56

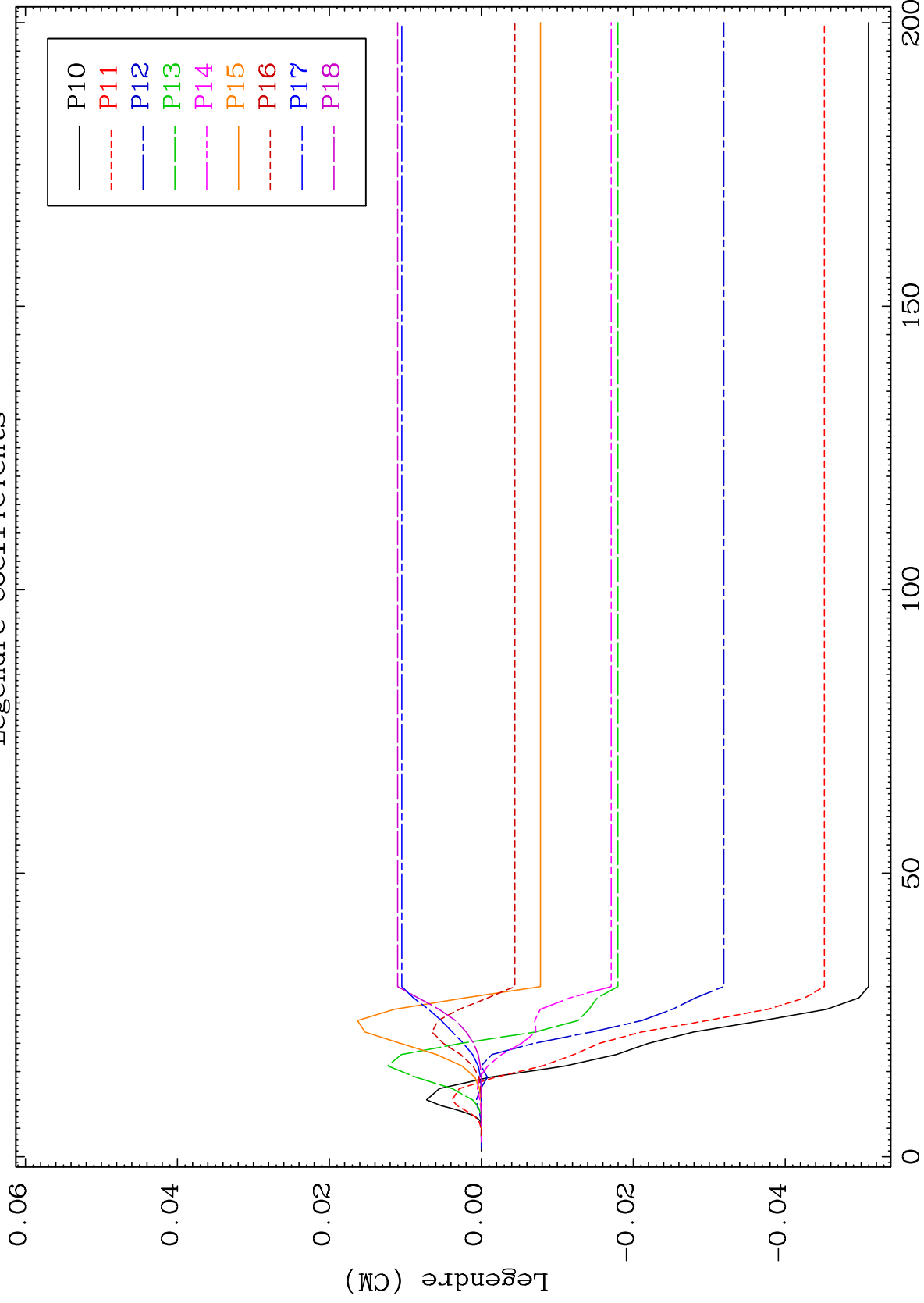
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



57

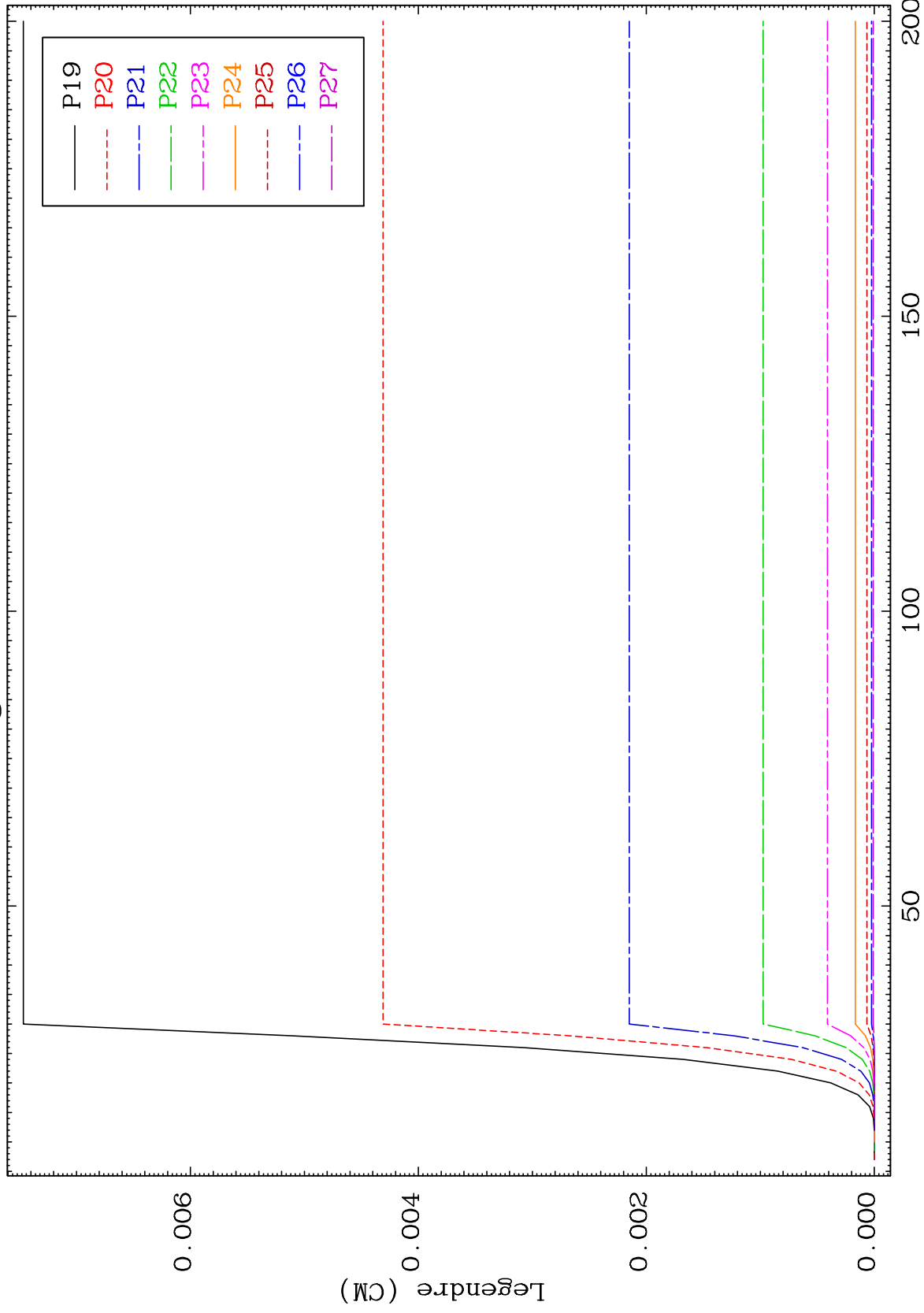
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



58

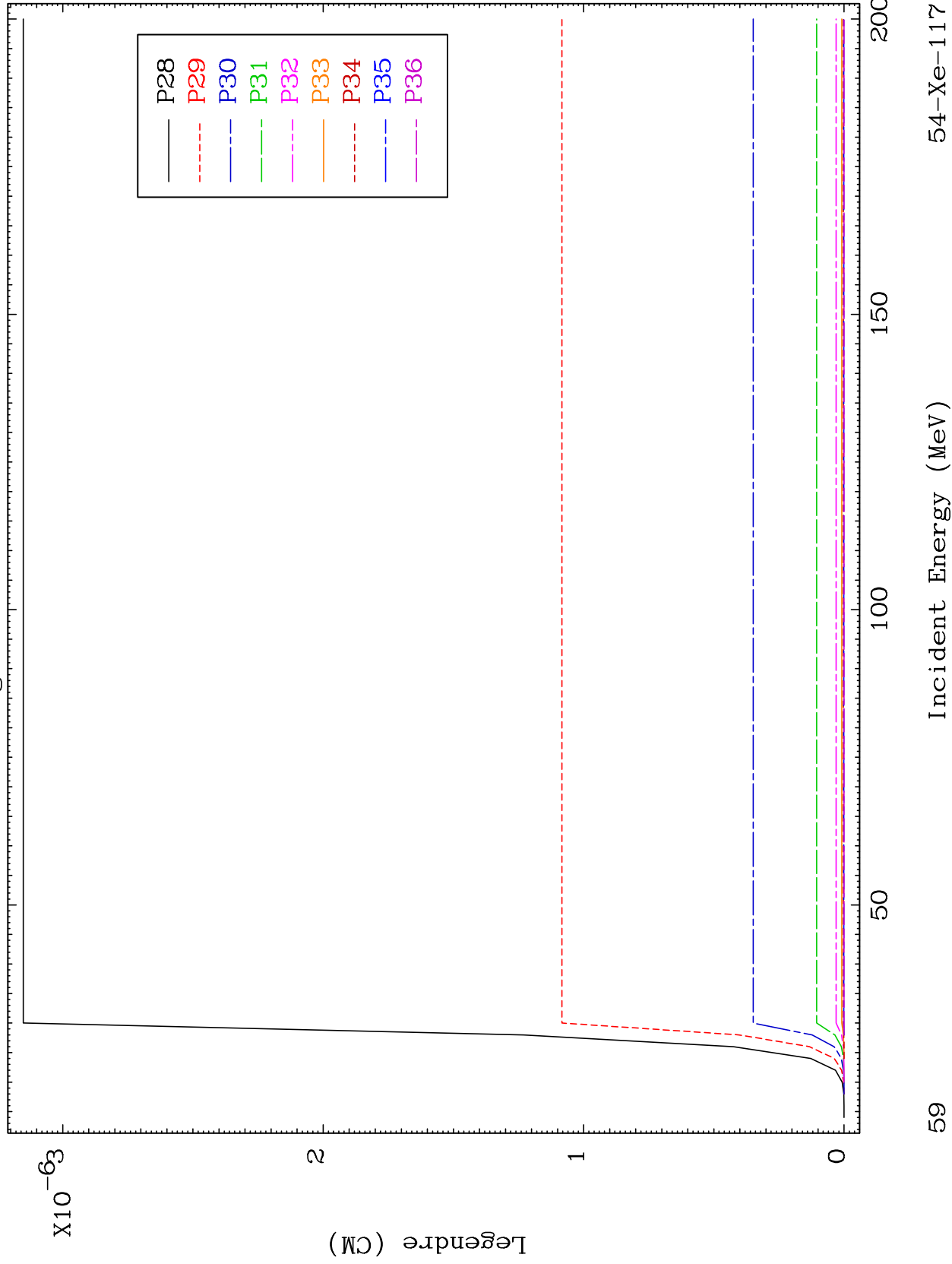
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



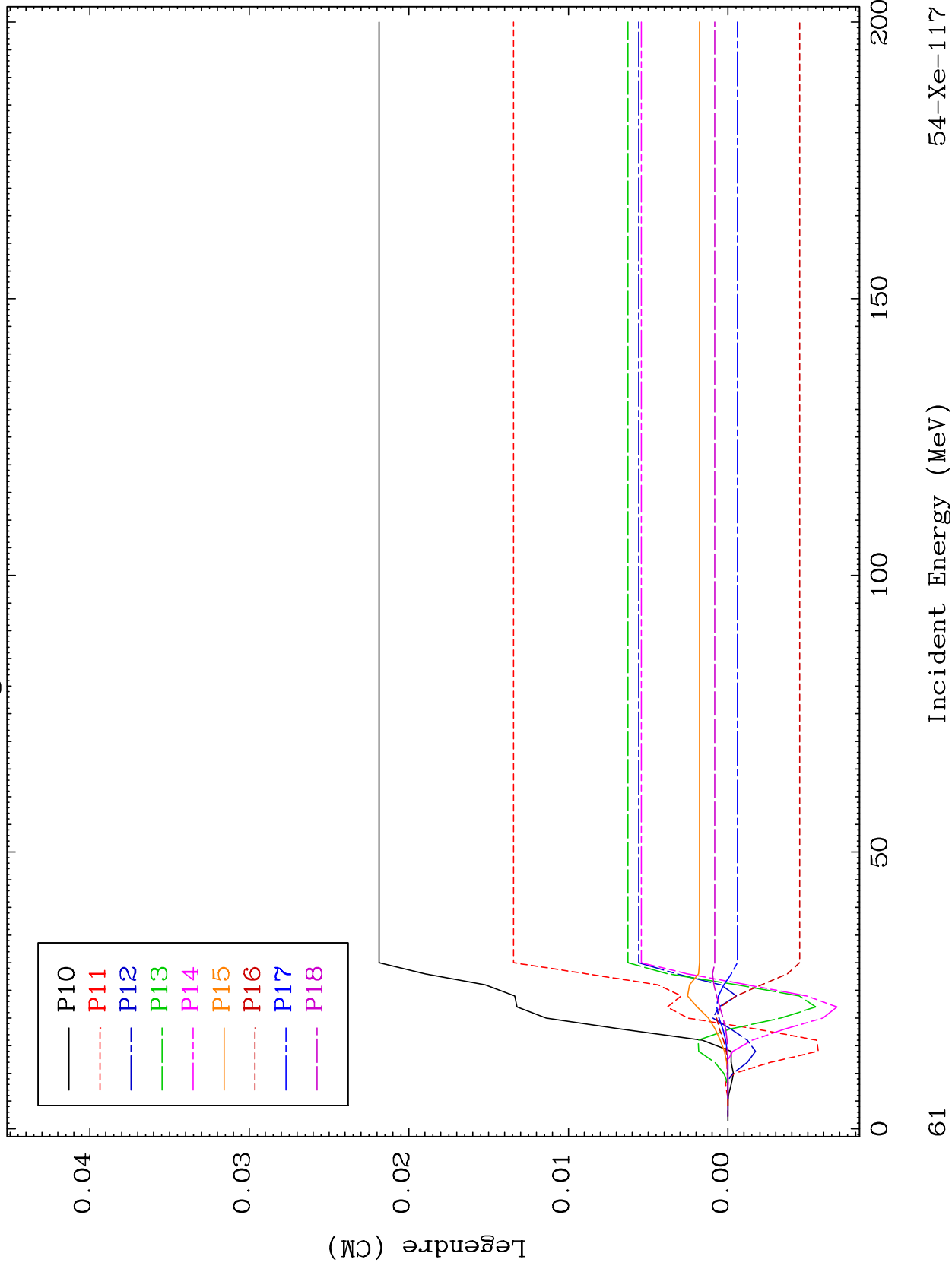
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54-Xe-117

MAT 5404

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

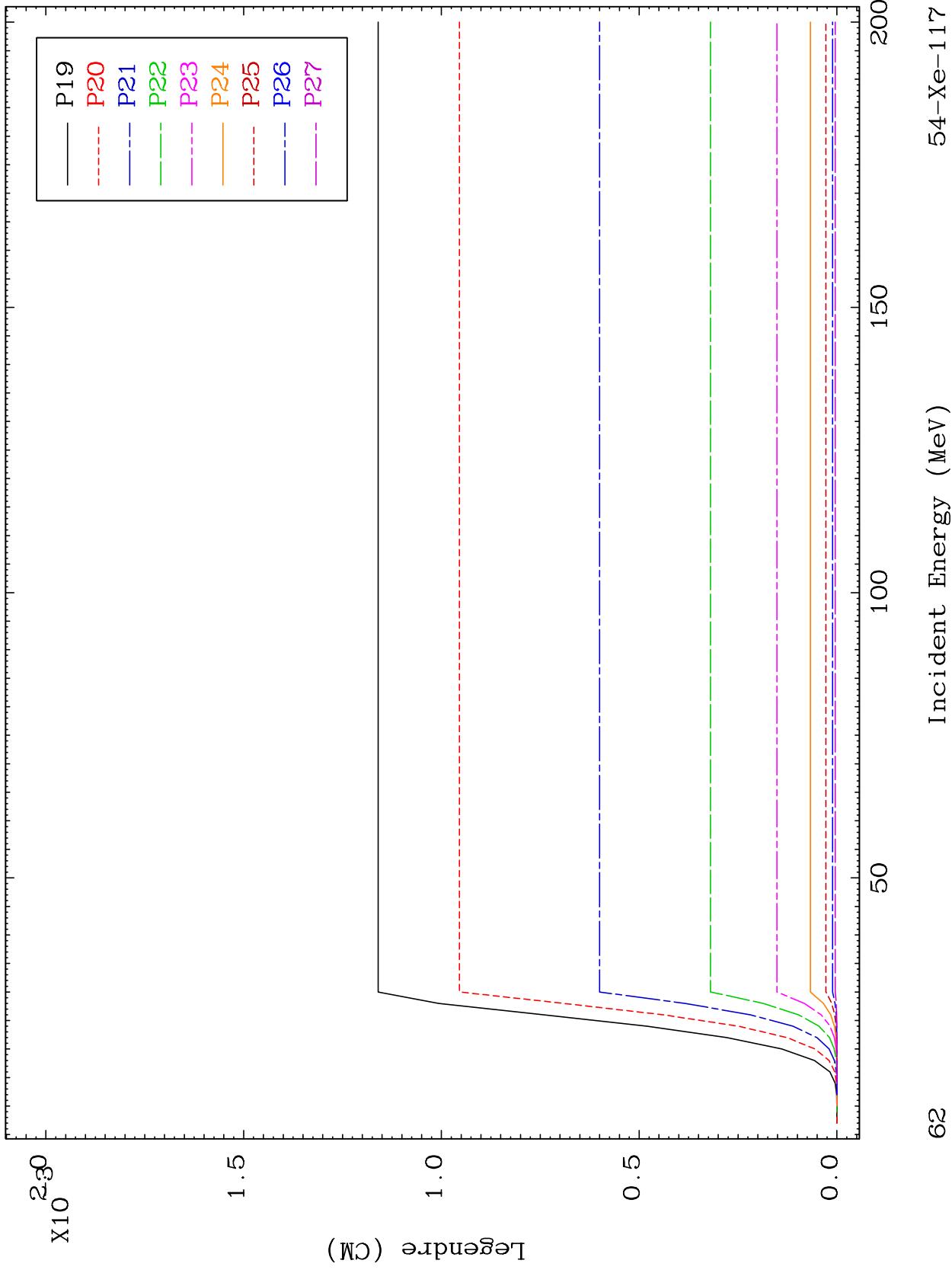
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MAT 5404

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

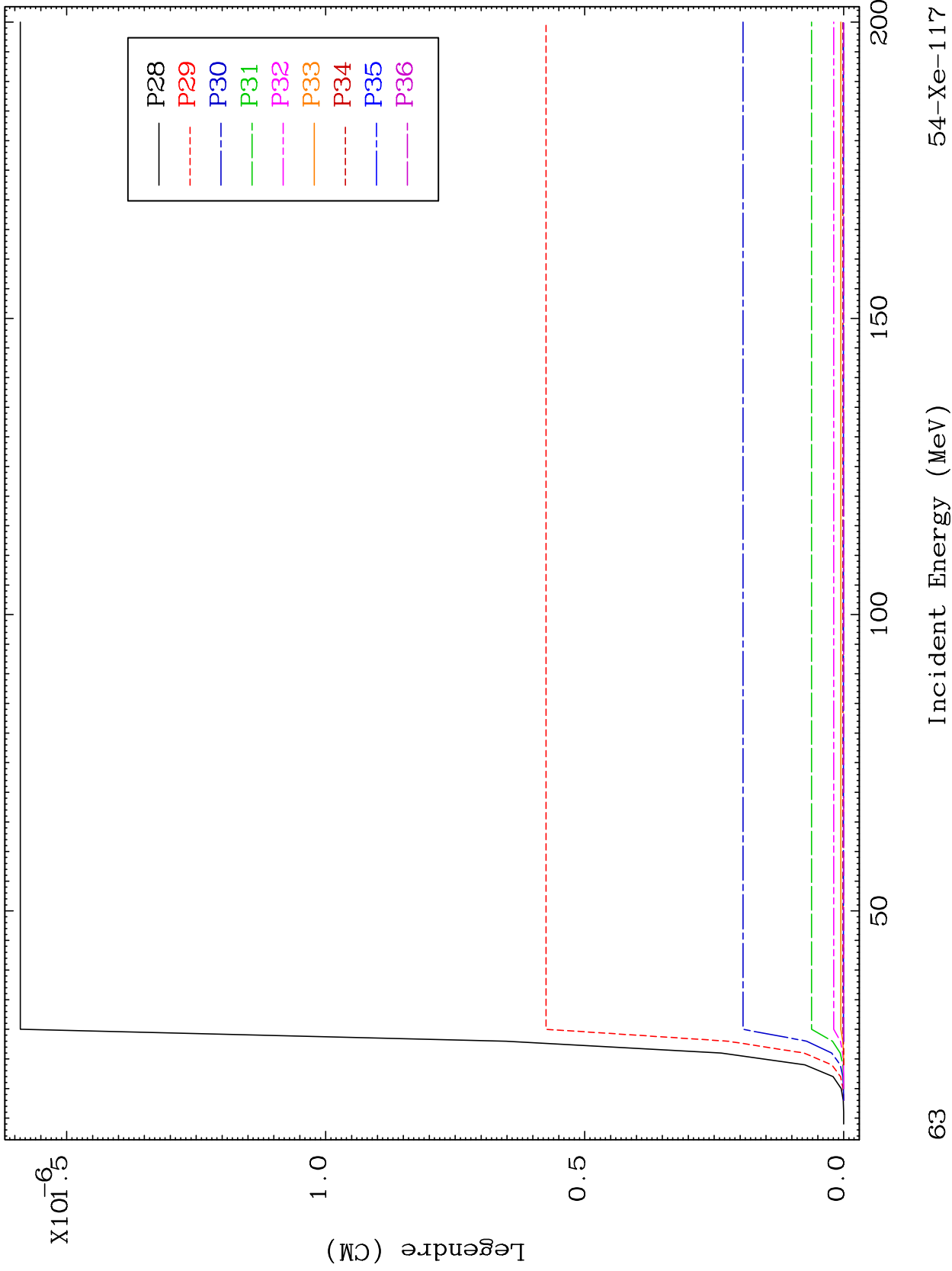
54-Xe-117



MAT 5404

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

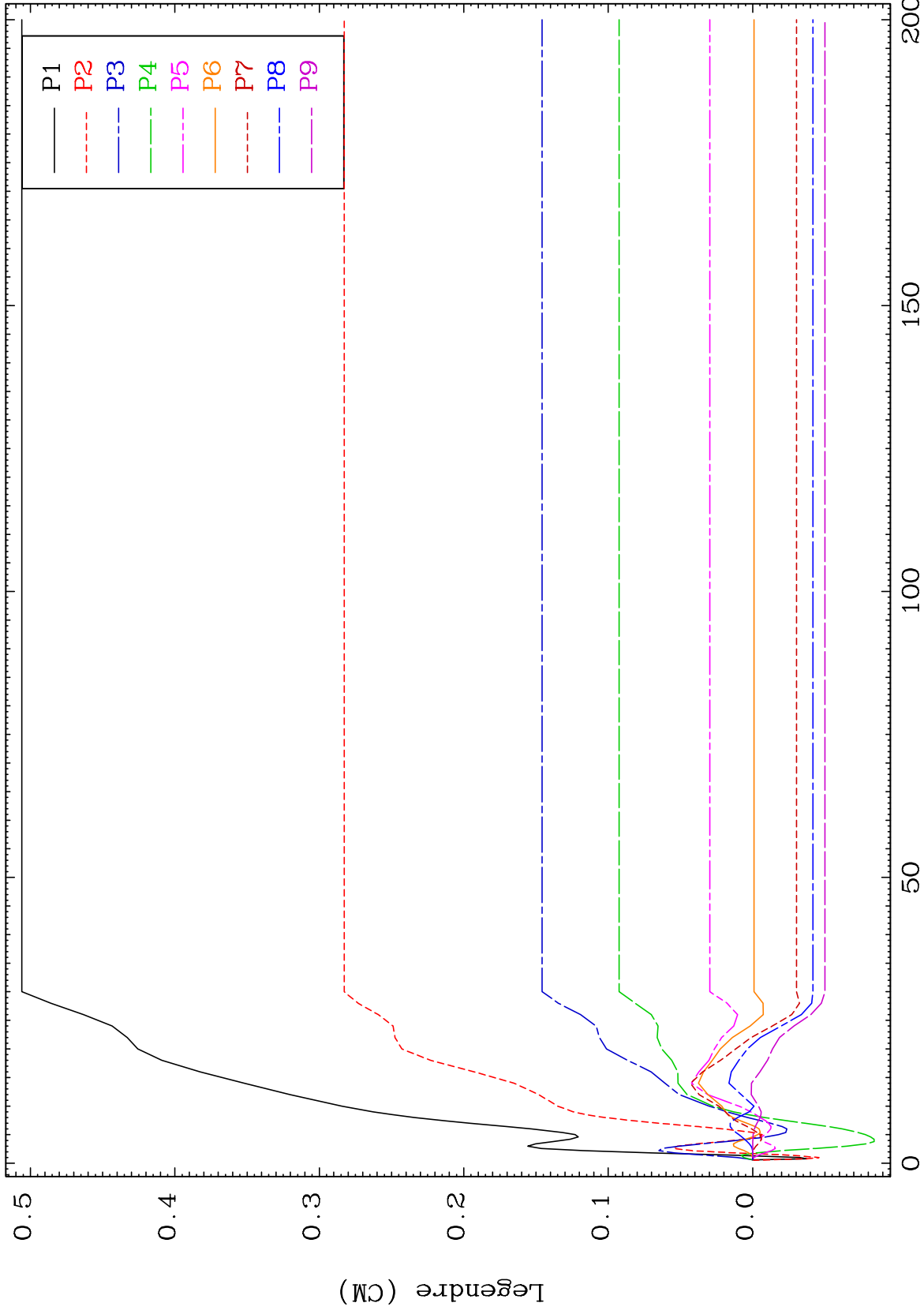
54-Xe-117



MAT 5404

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

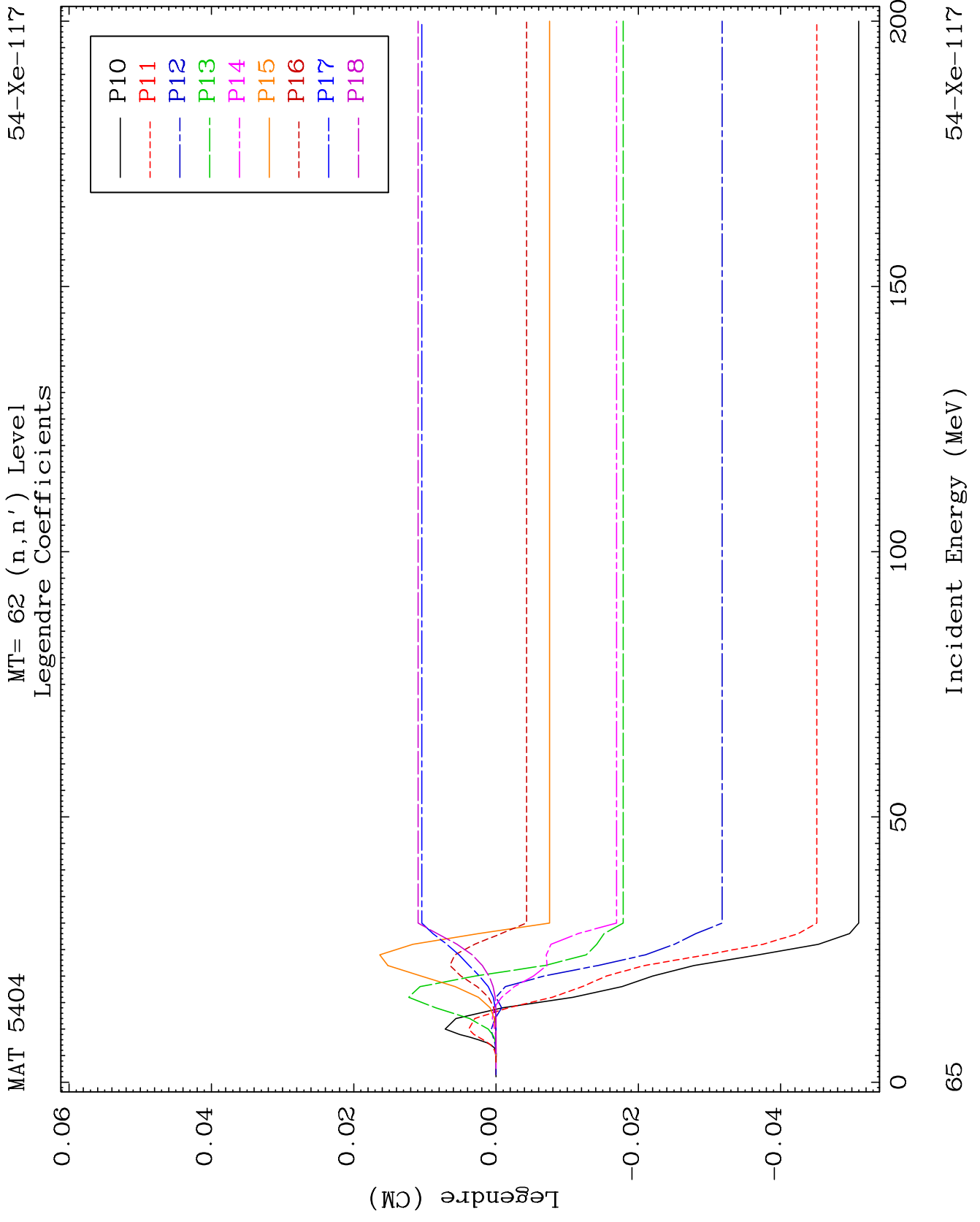
54-Xe-117



54-Xe-117

Incident Energy (MeV)

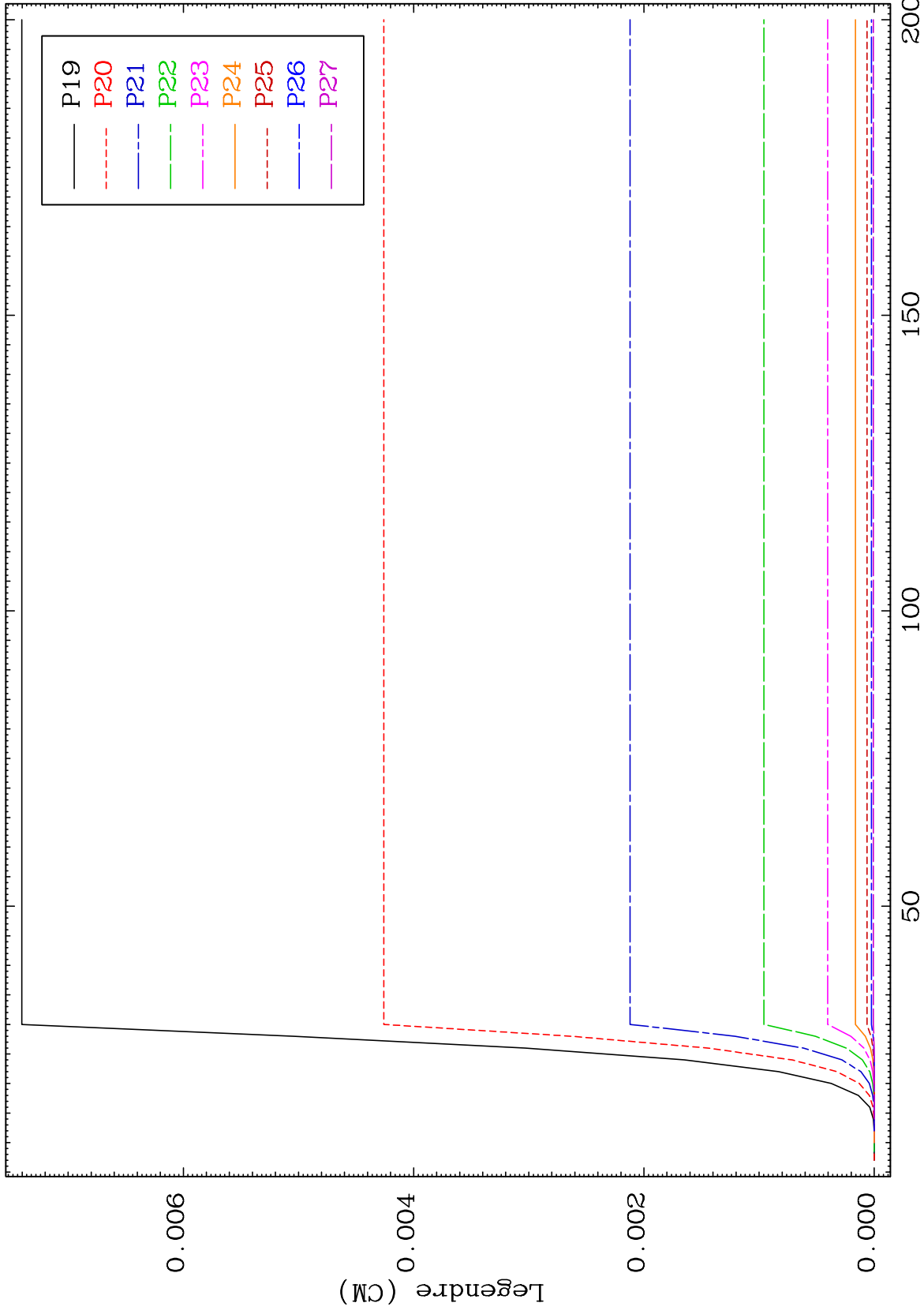
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MAT 5404

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

54-Xe-117



66

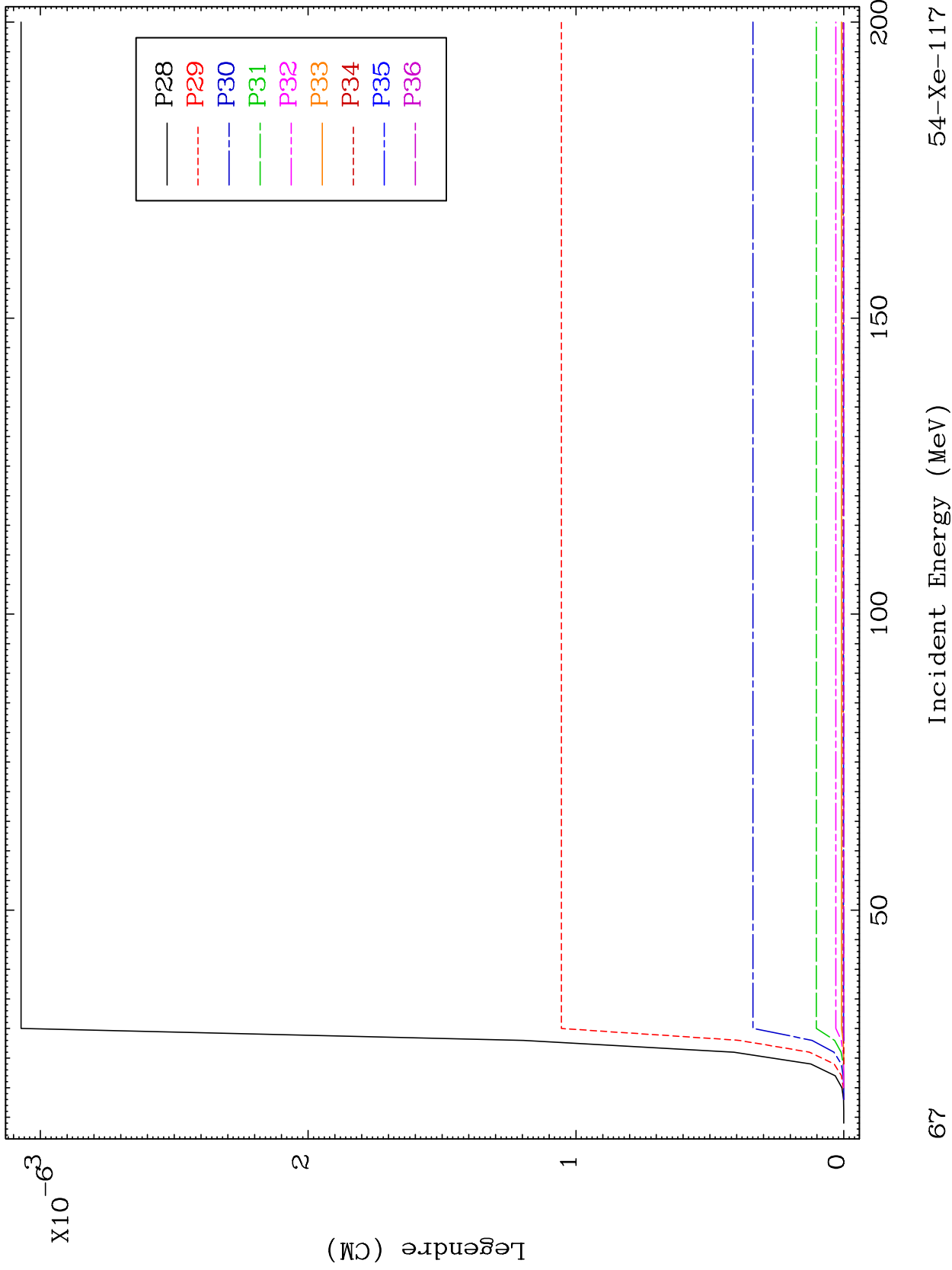
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

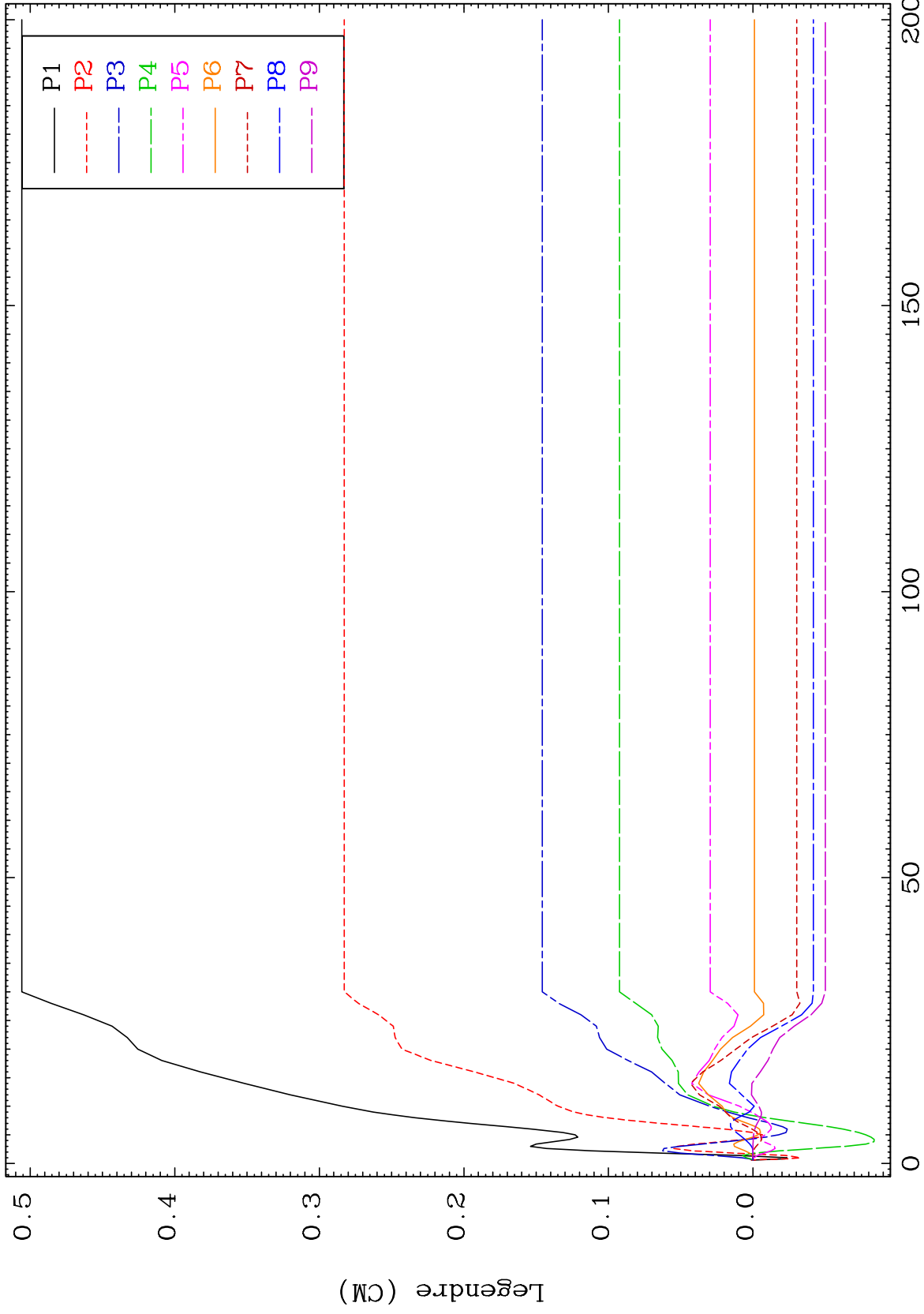
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

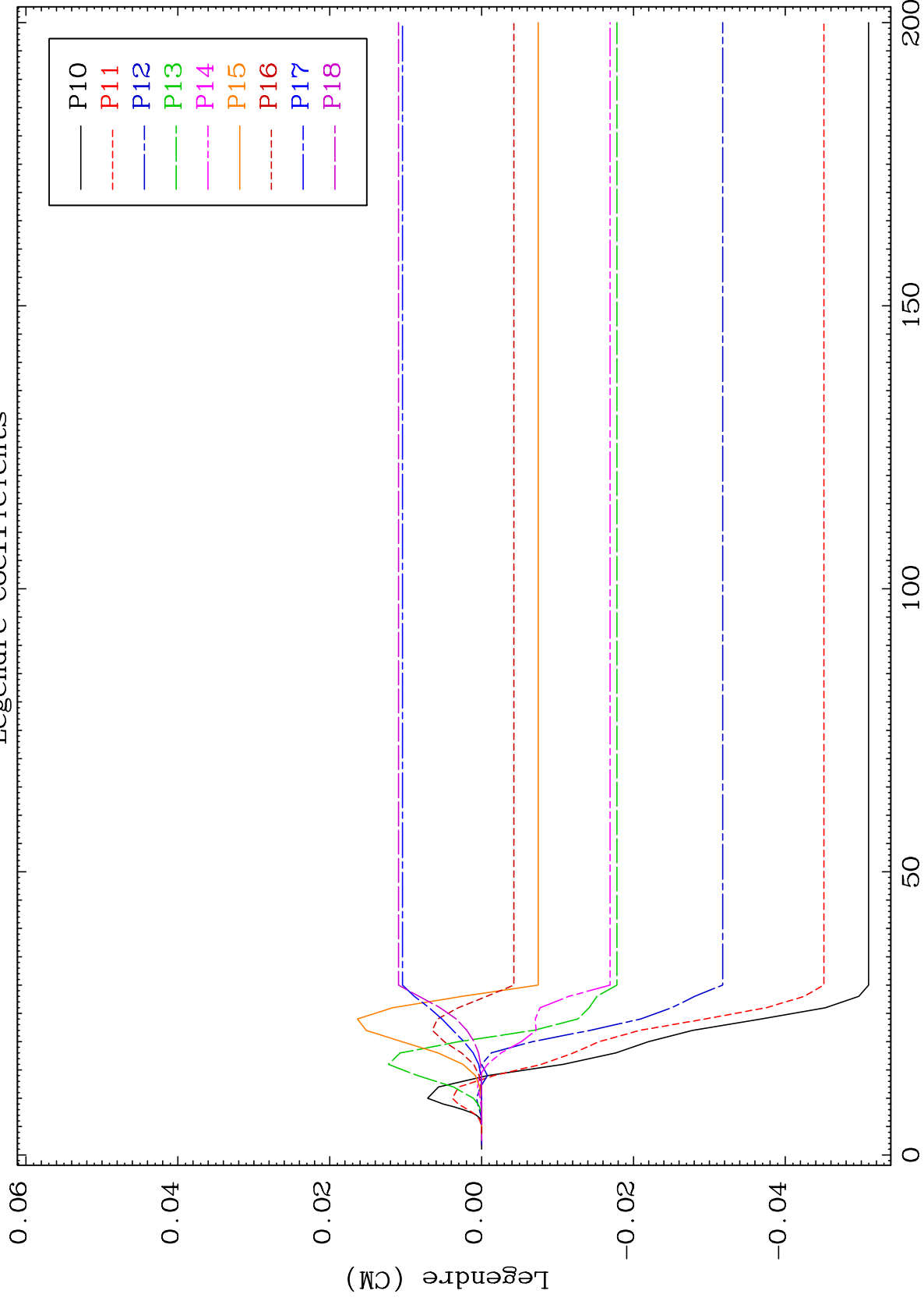
Incident Energy (MeV)

68

MAT 5404

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

54-Xe-117



69

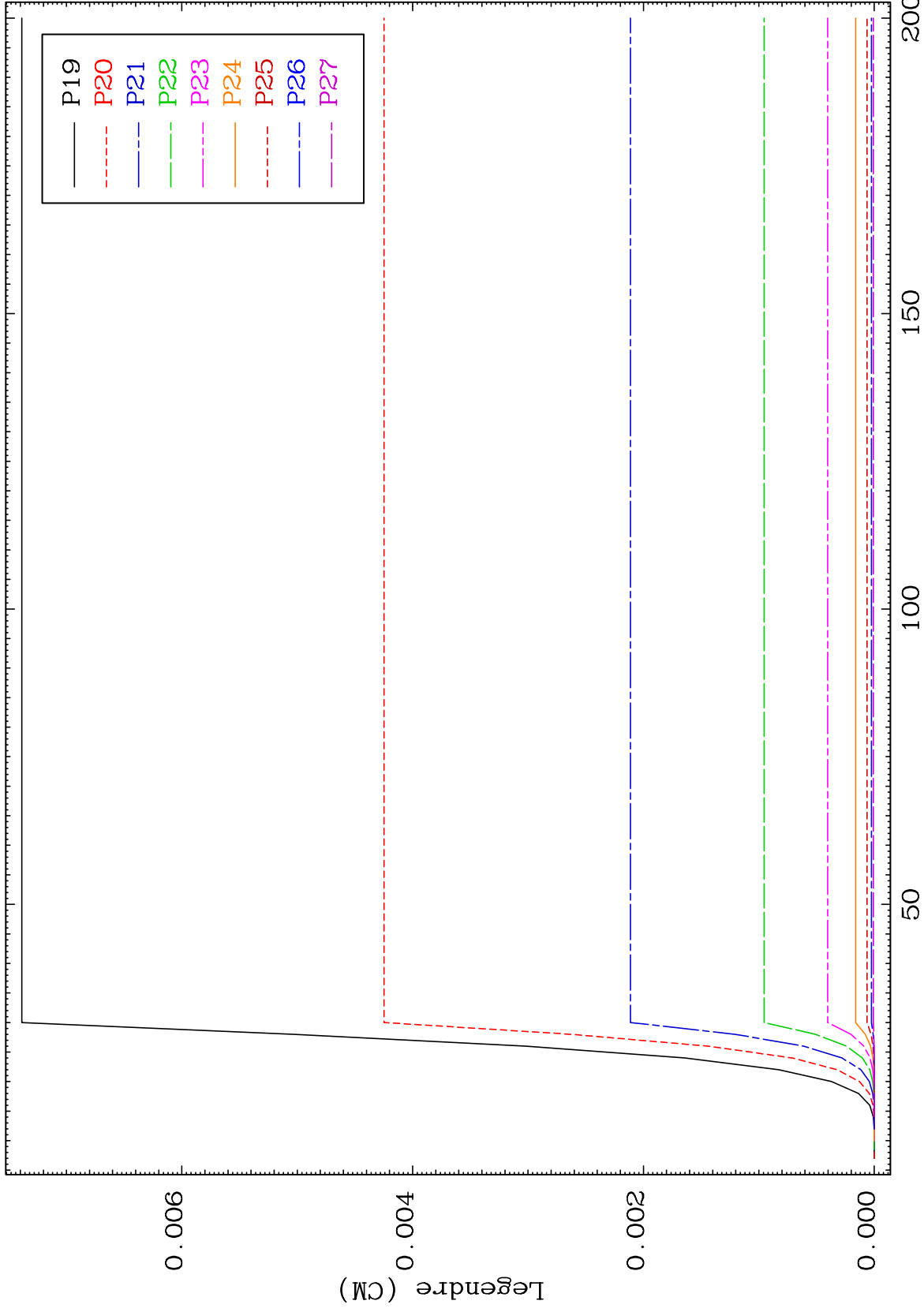
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



70

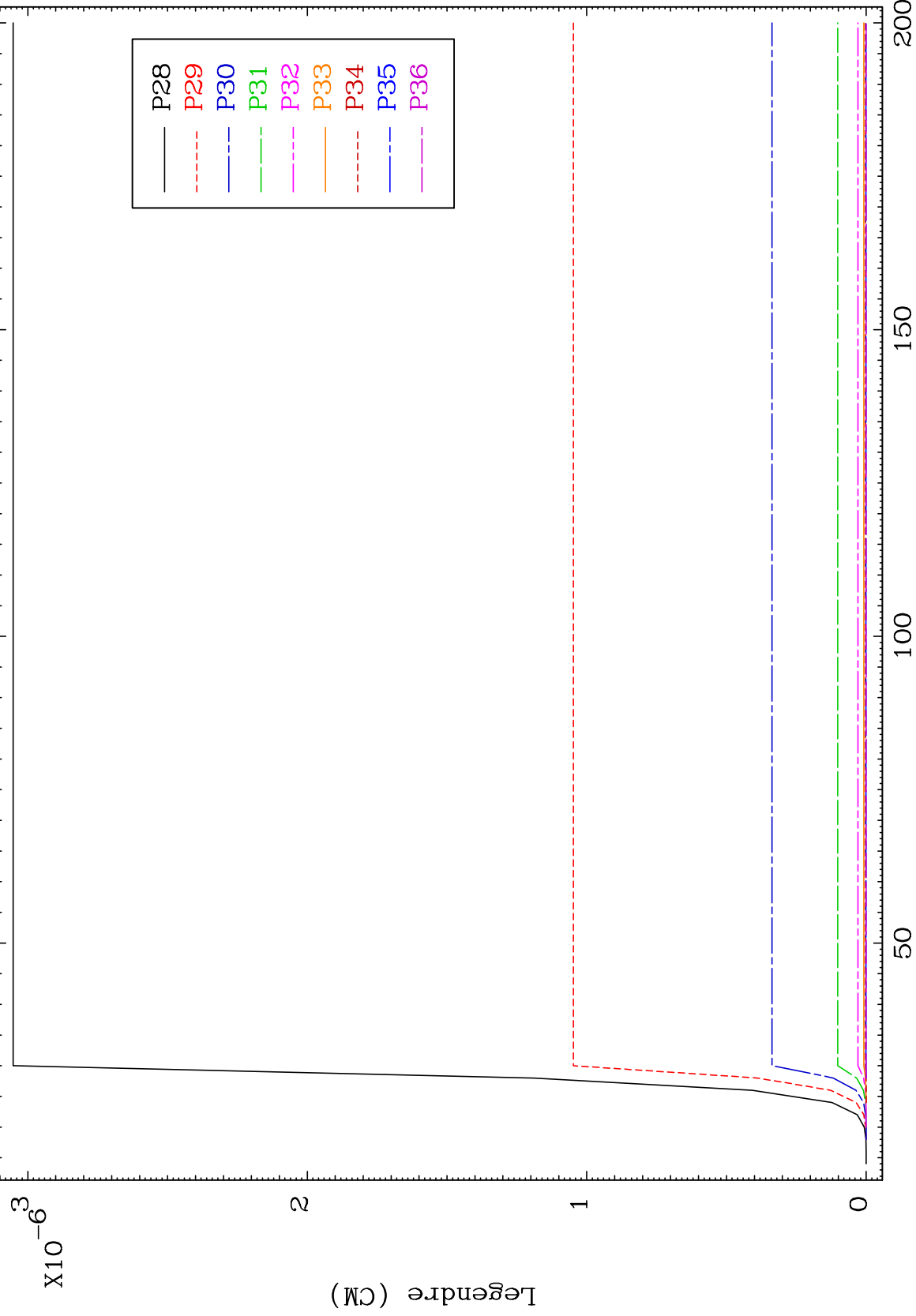
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



71

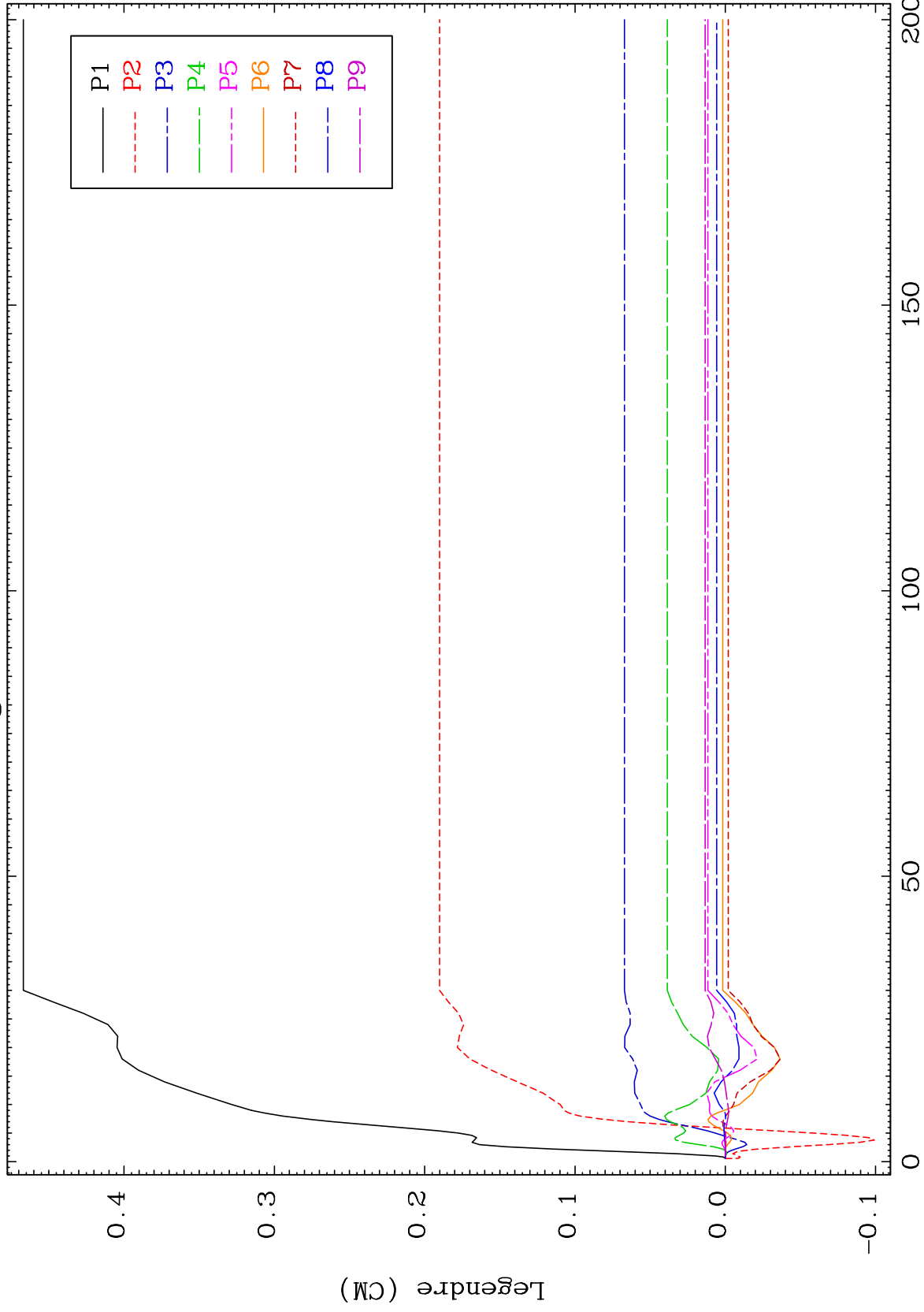
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



72

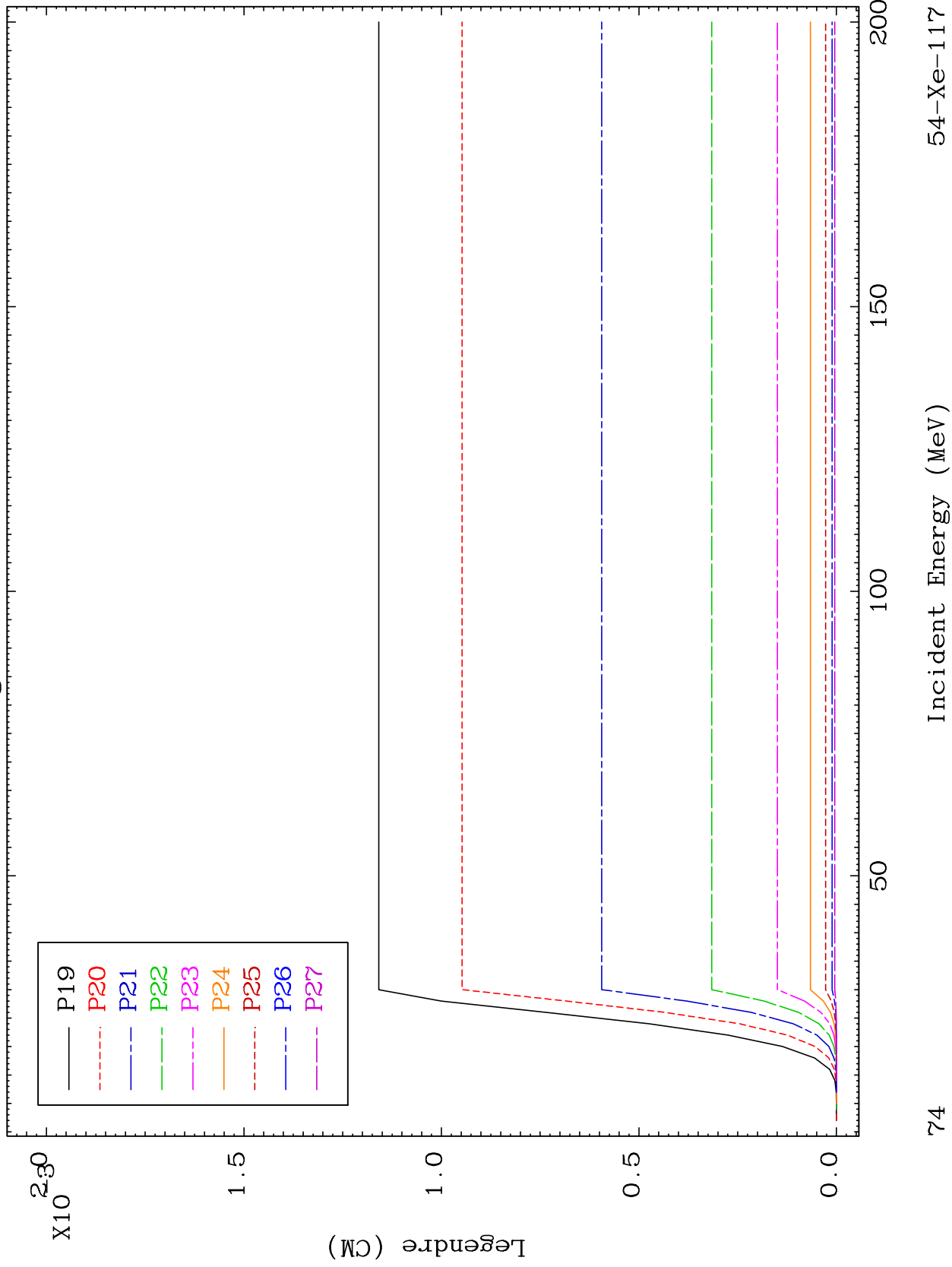
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

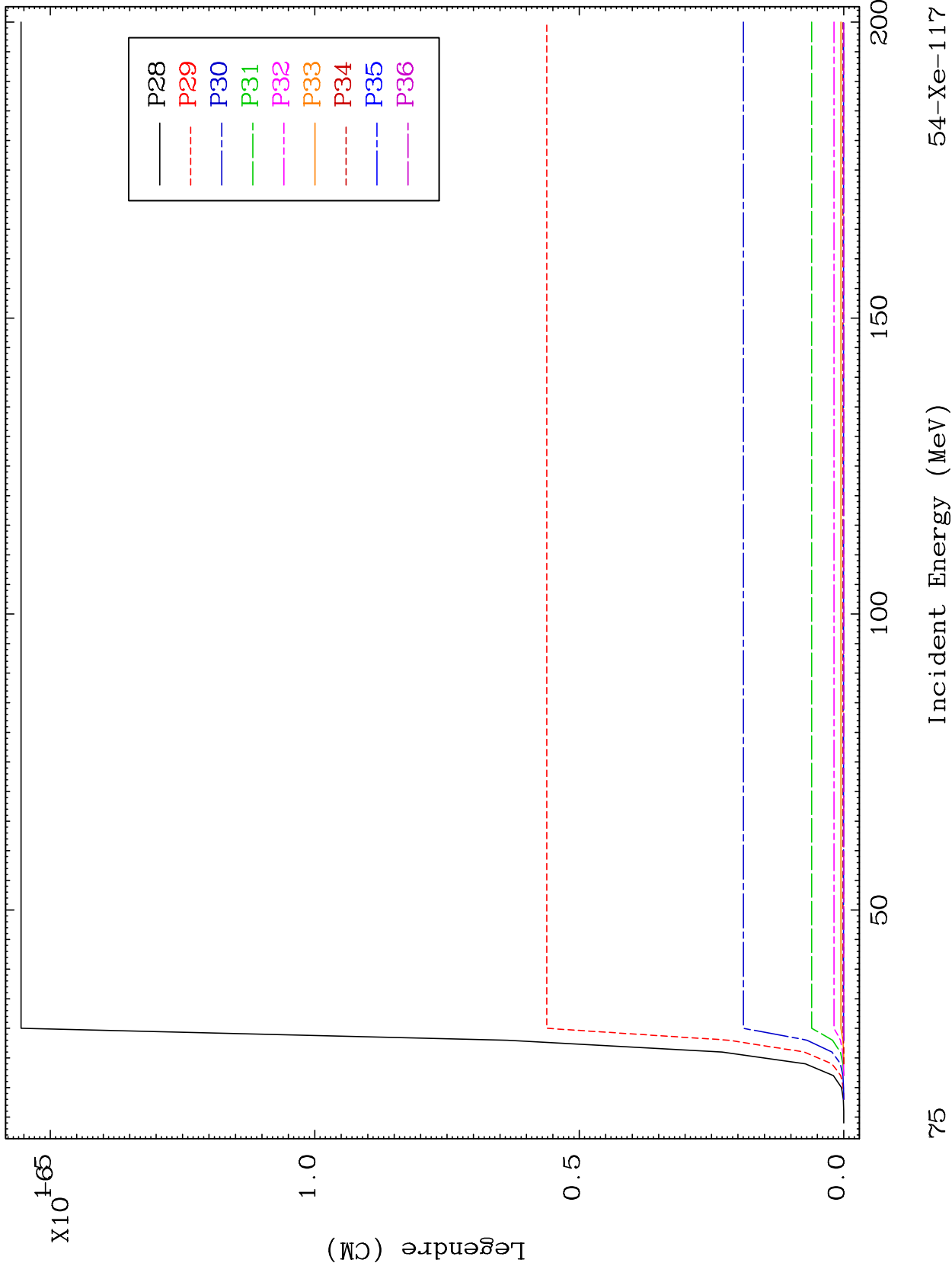
54-Xe-117



MAT 5404

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

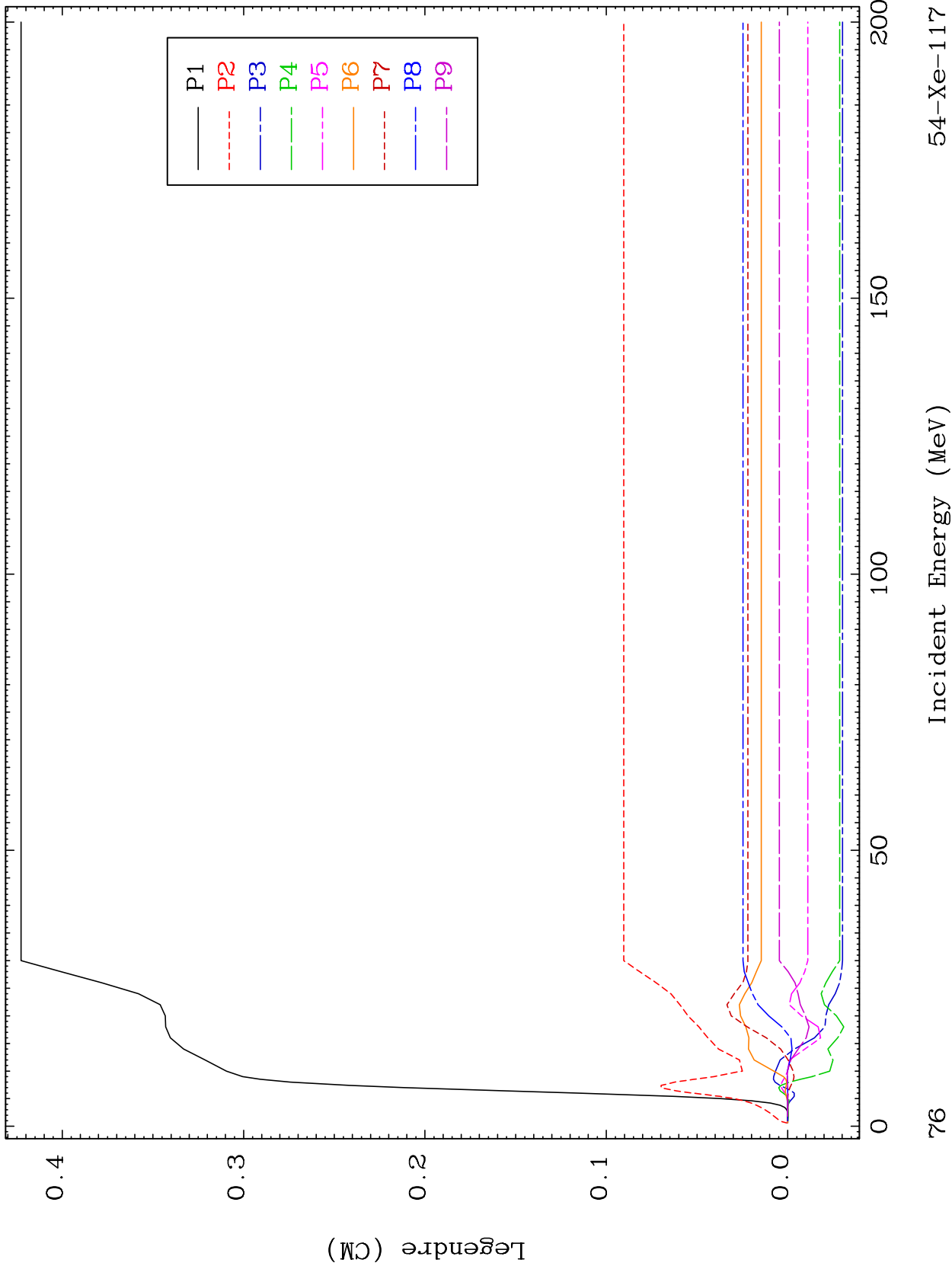
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

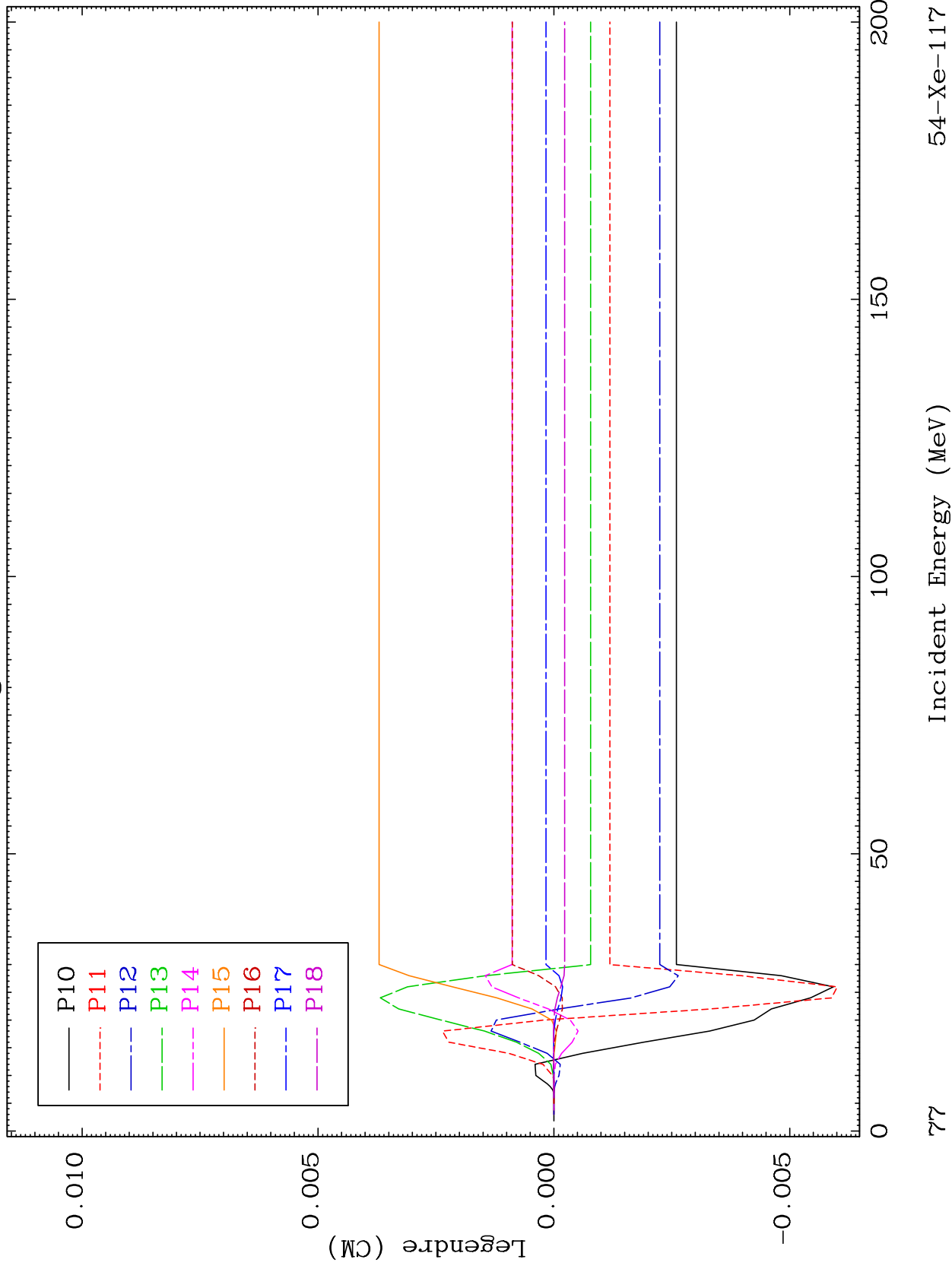
Incident Energy (MeV)

76

MAT 5404

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

54-Xe-117



77

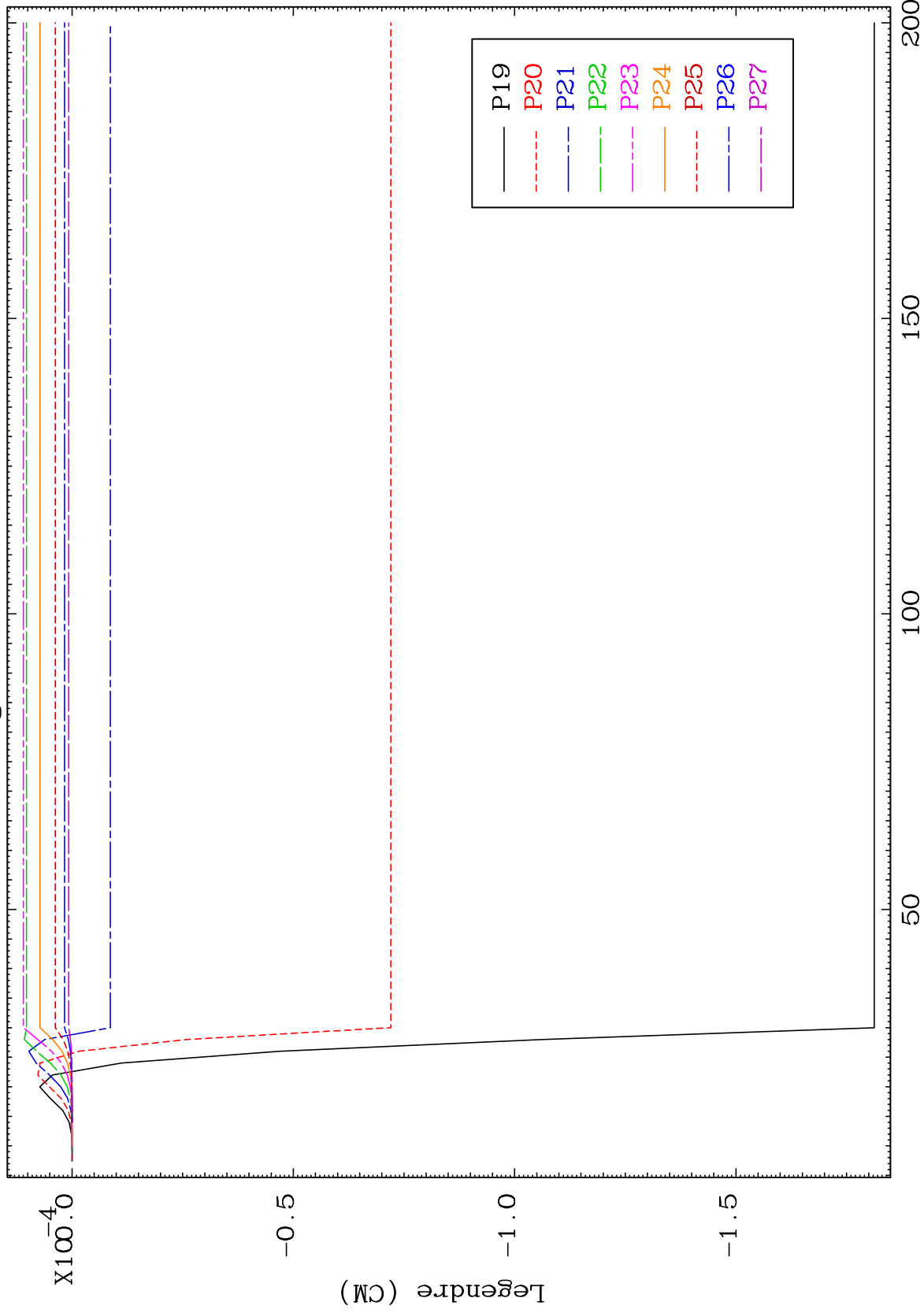
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



78

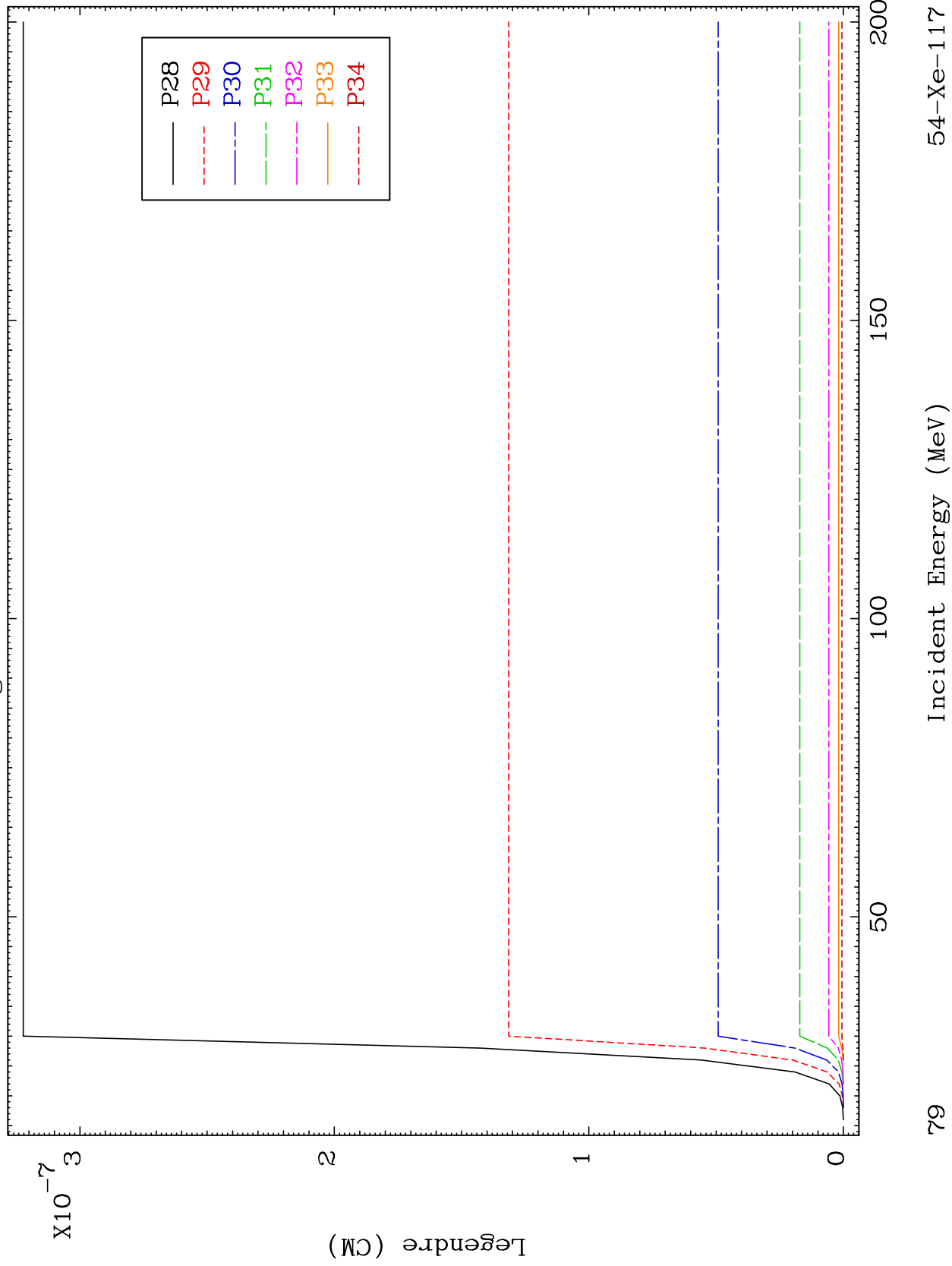
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

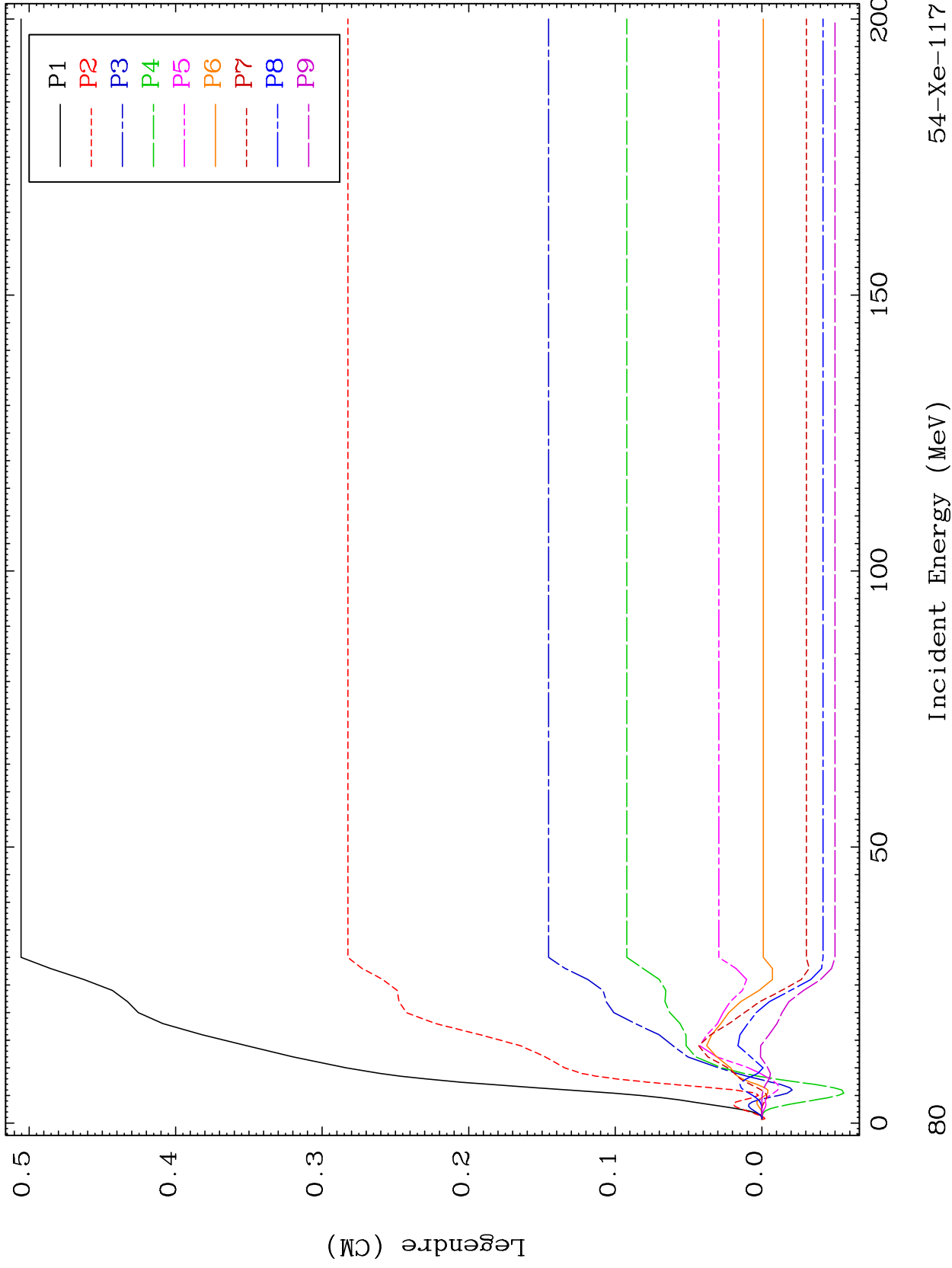
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

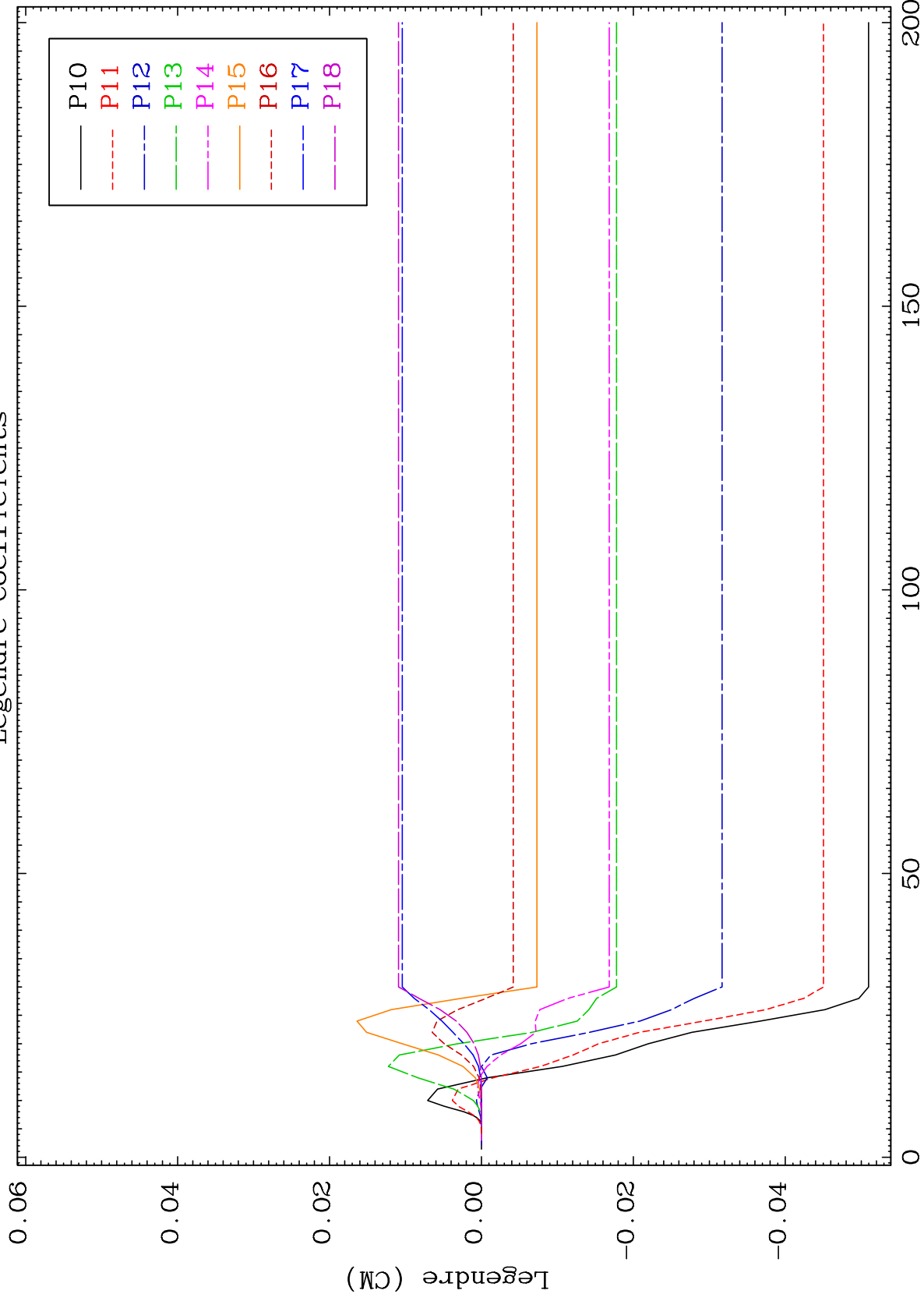
Incident Energy (MeV)

80

MAT 5404

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

54-Xe-117



81

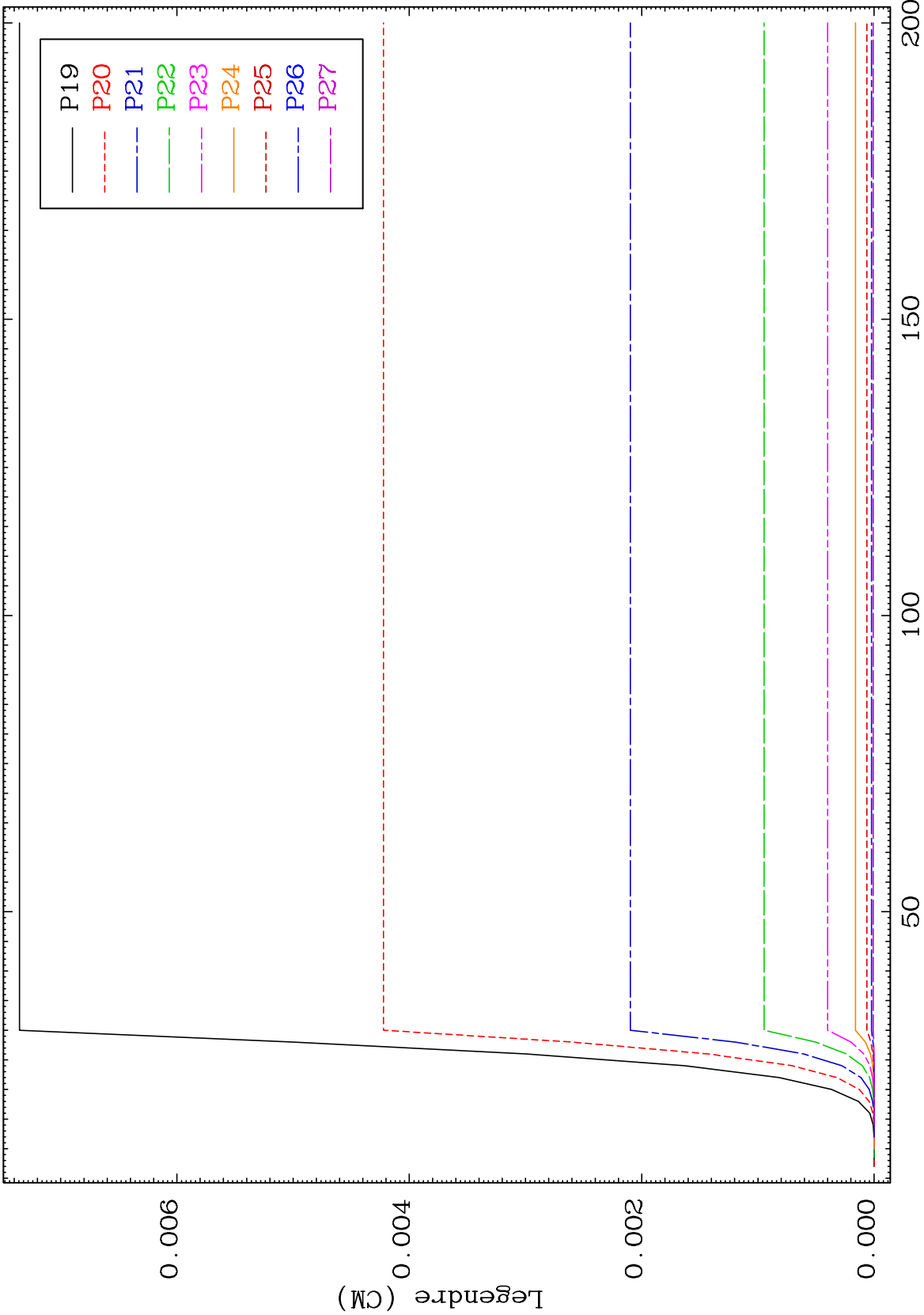
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



82

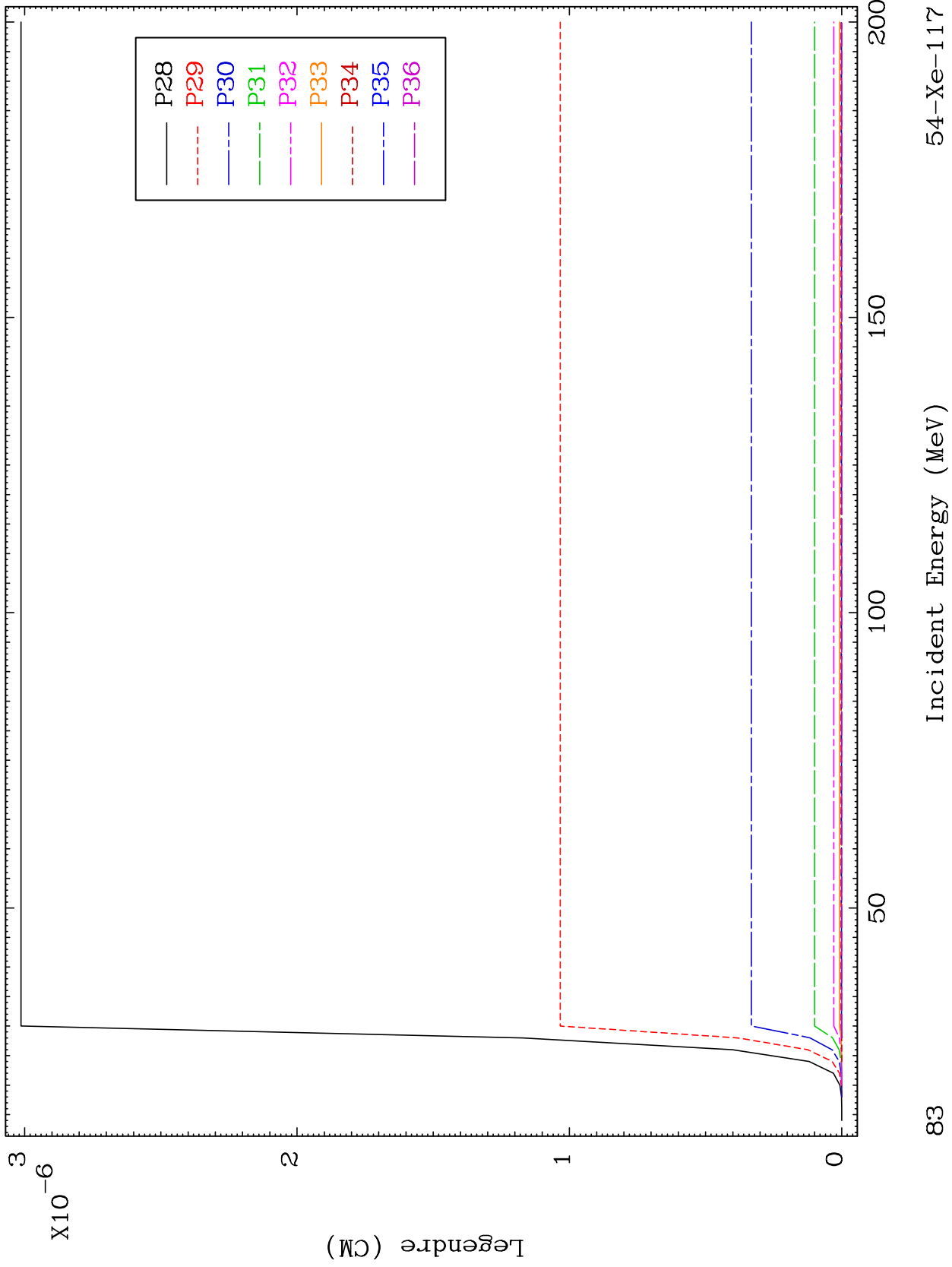
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

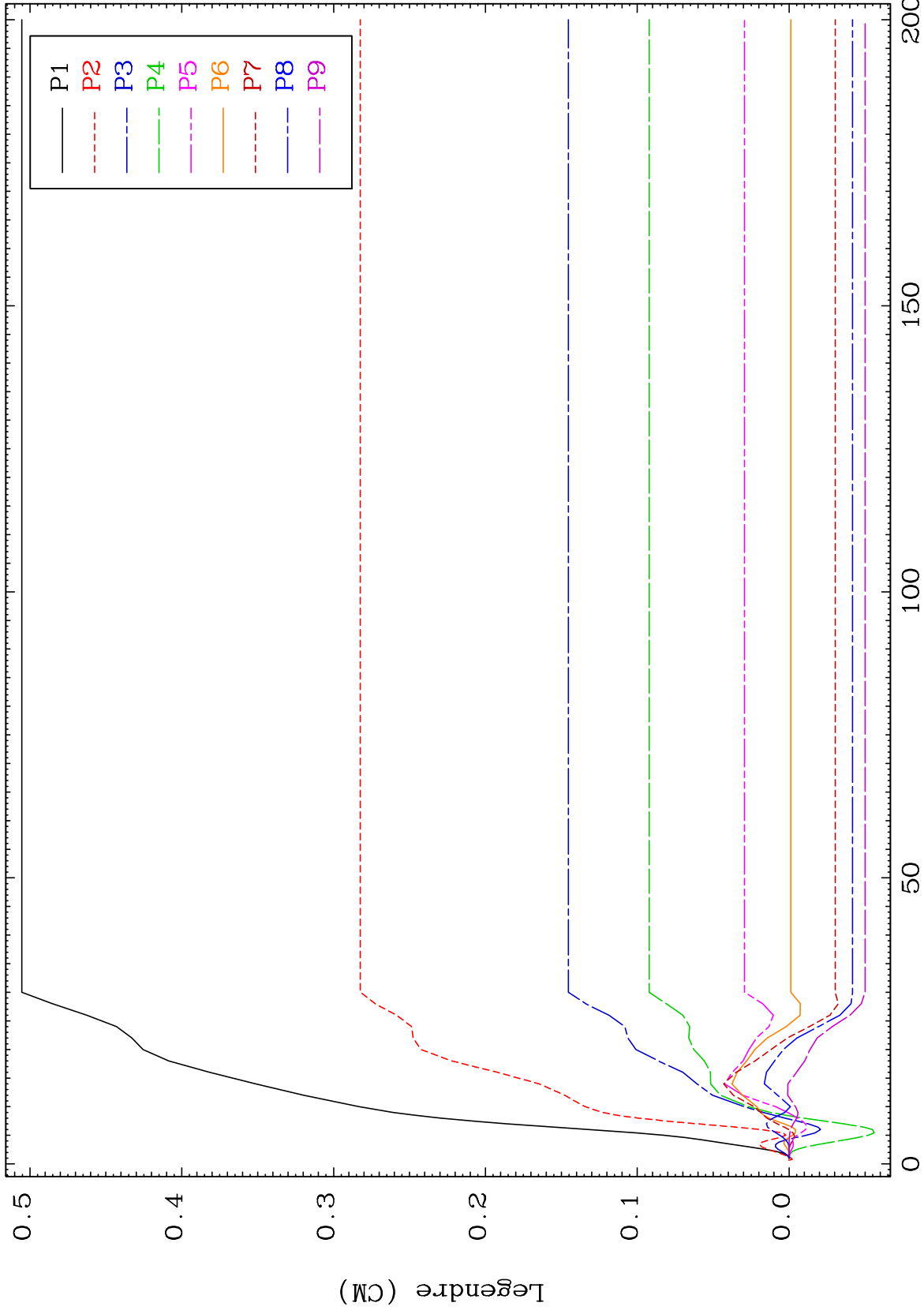
54-Xe-117



MAT 5404

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

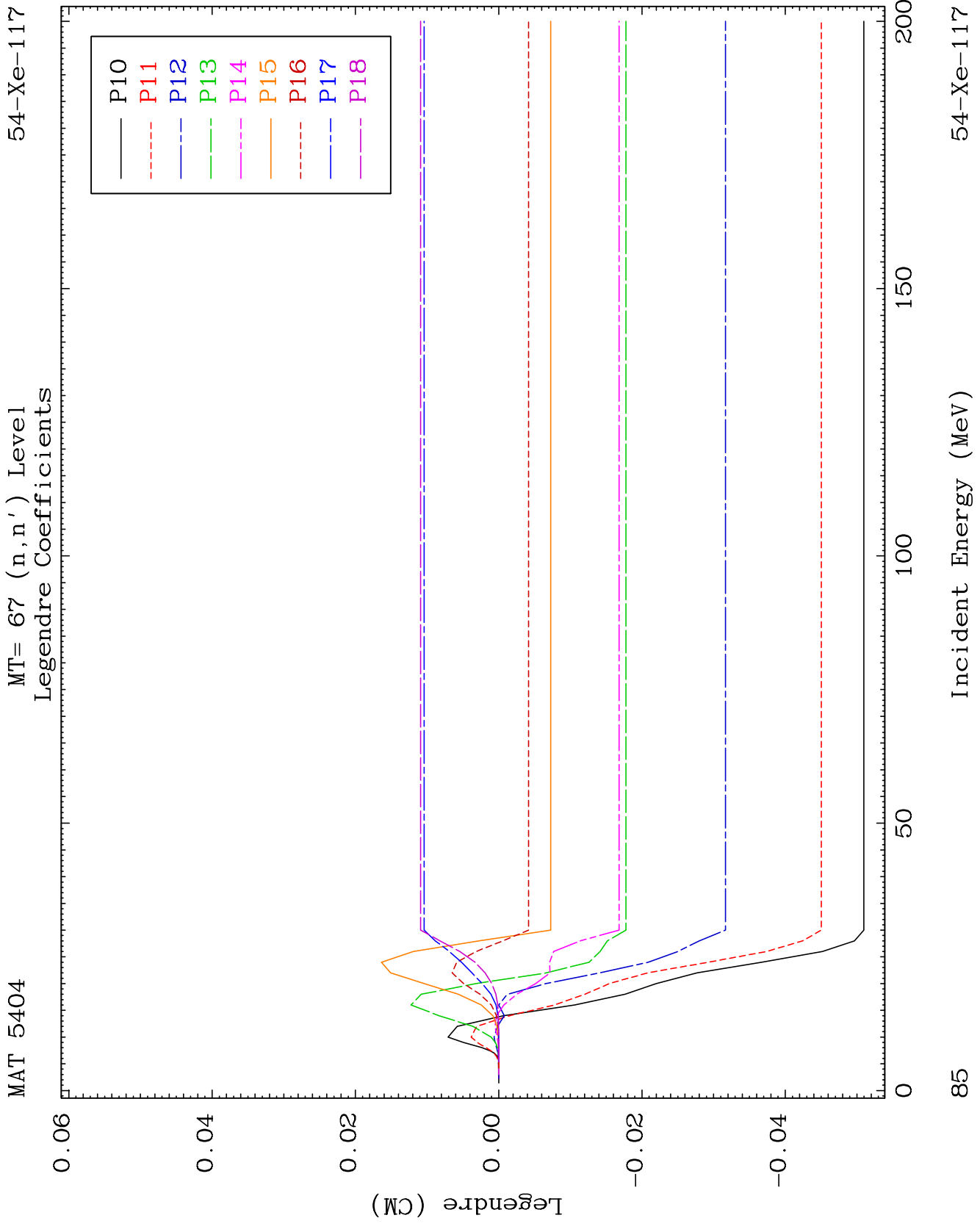
54-Xe-117



84

Incident Energy (MeV)

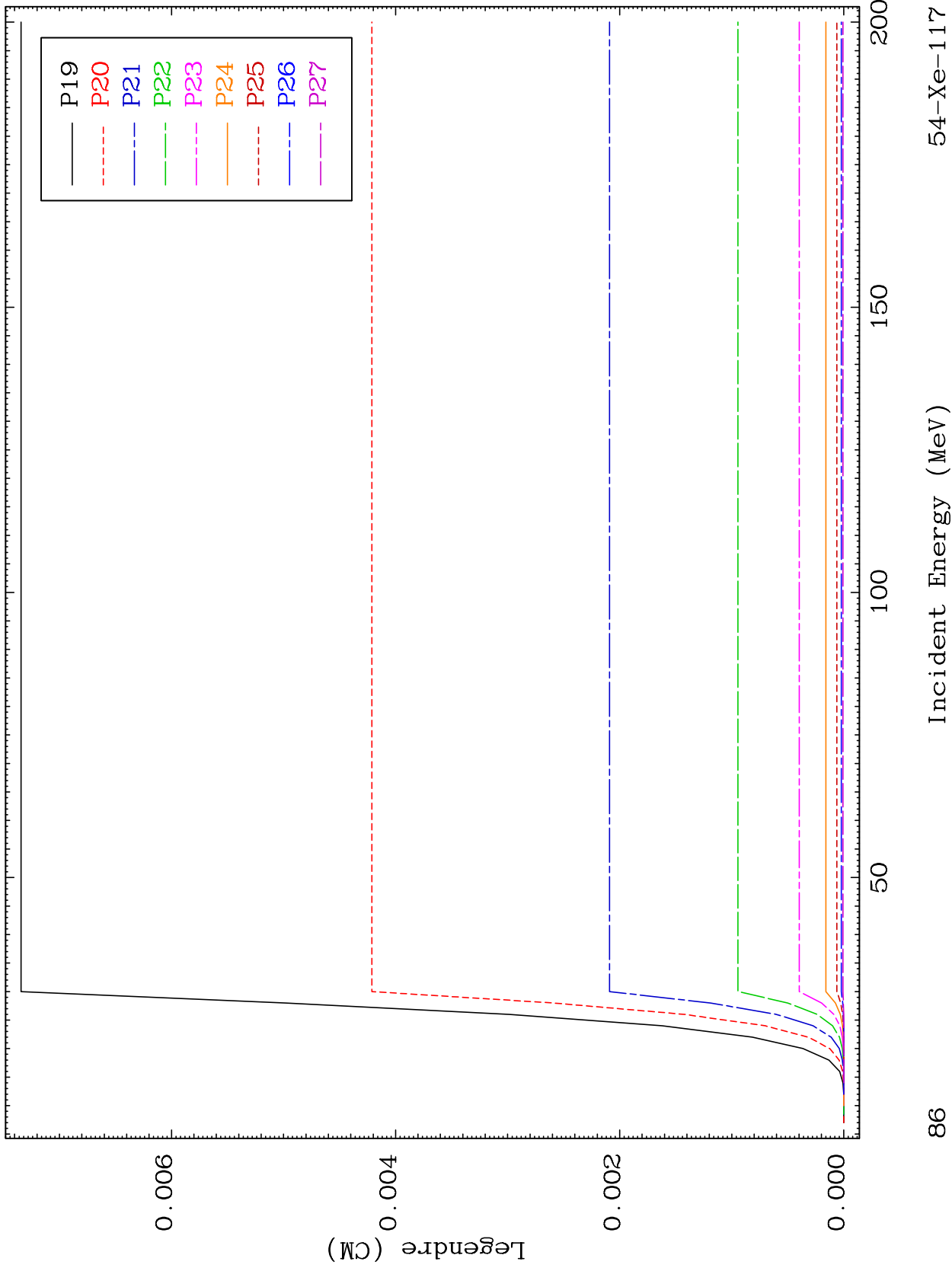
54-Xe-117



MAT 5404

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

54-Xe-117



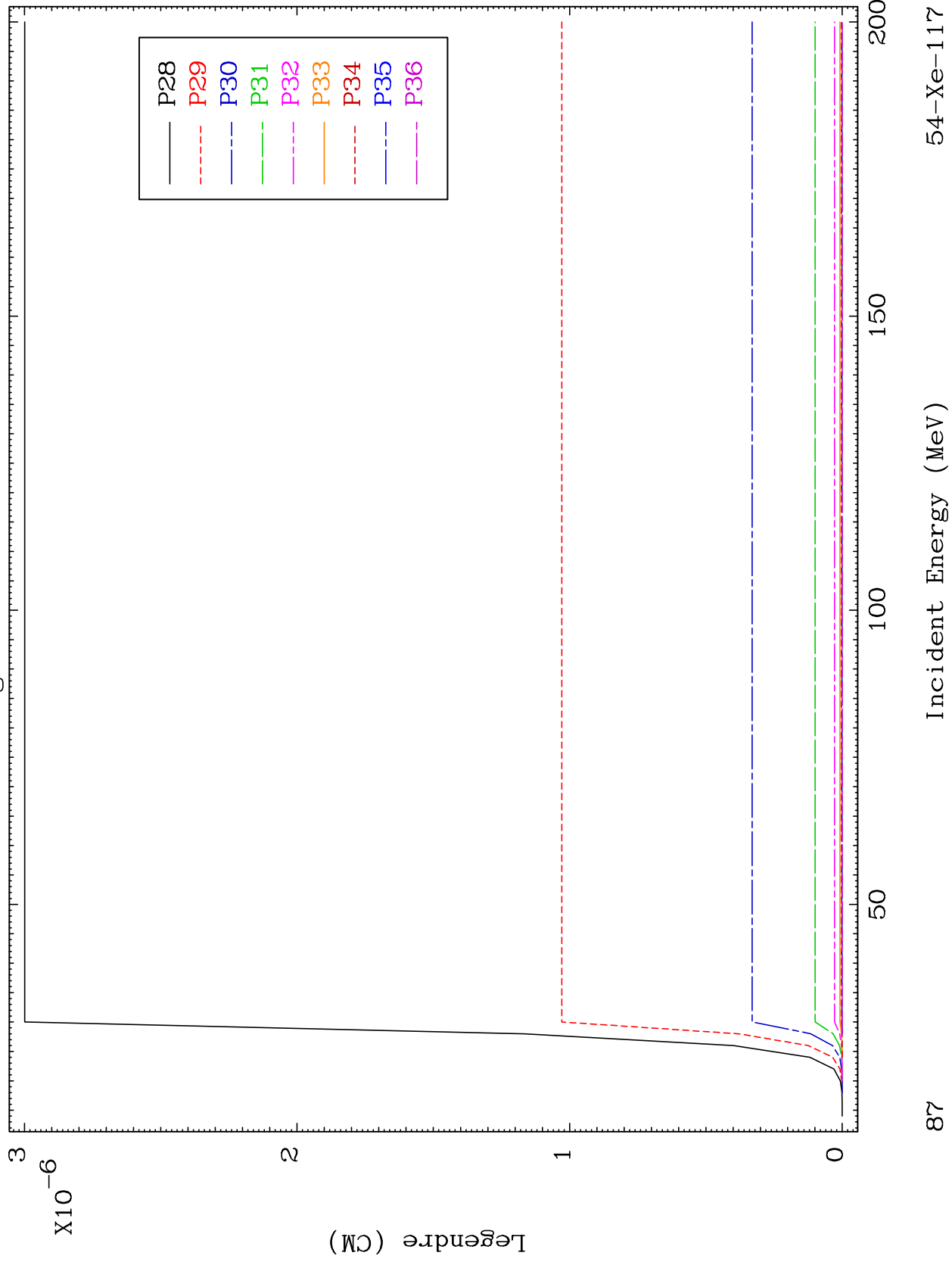
86

54-Xe-117

MAT 5404

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

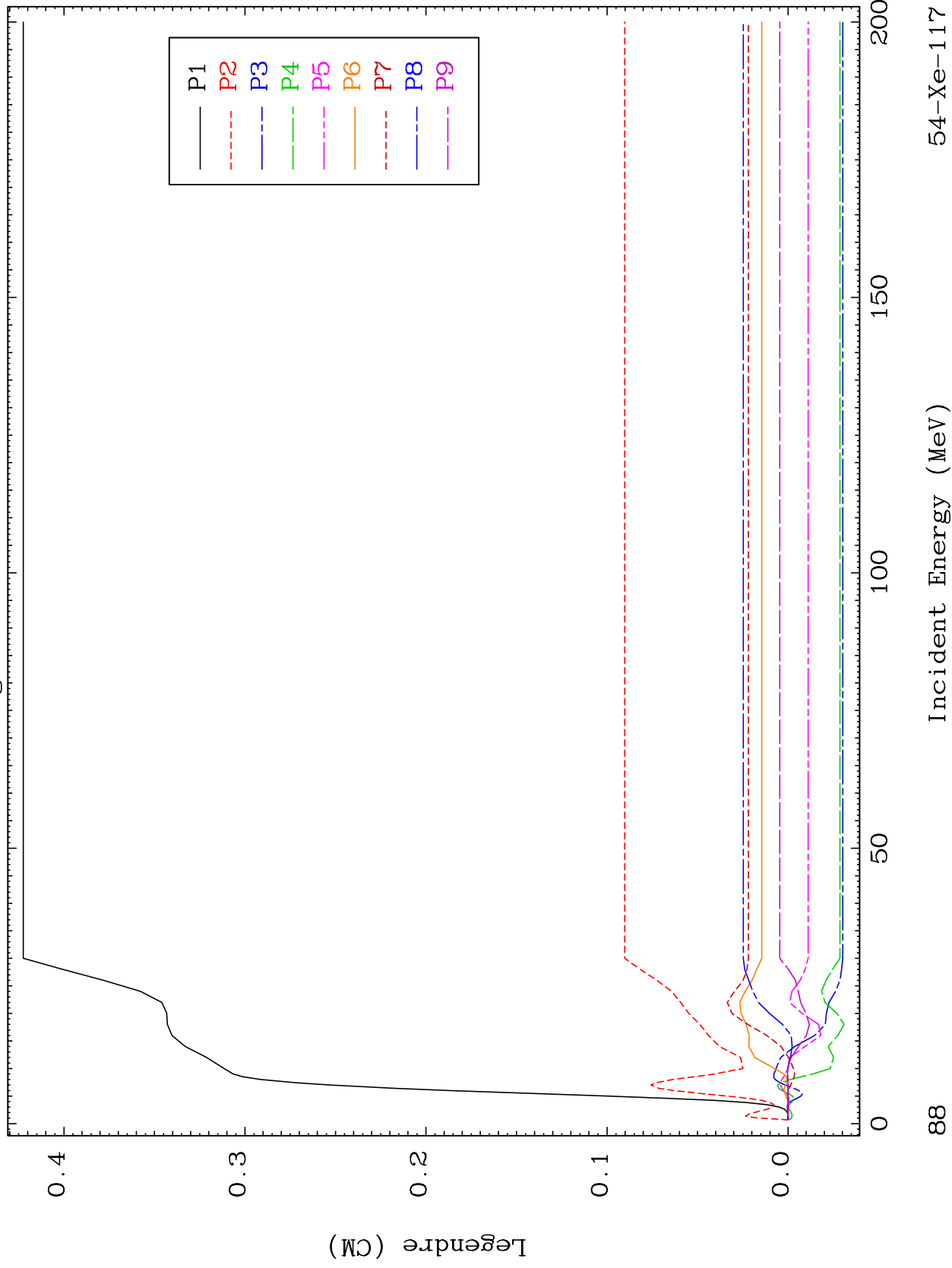
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

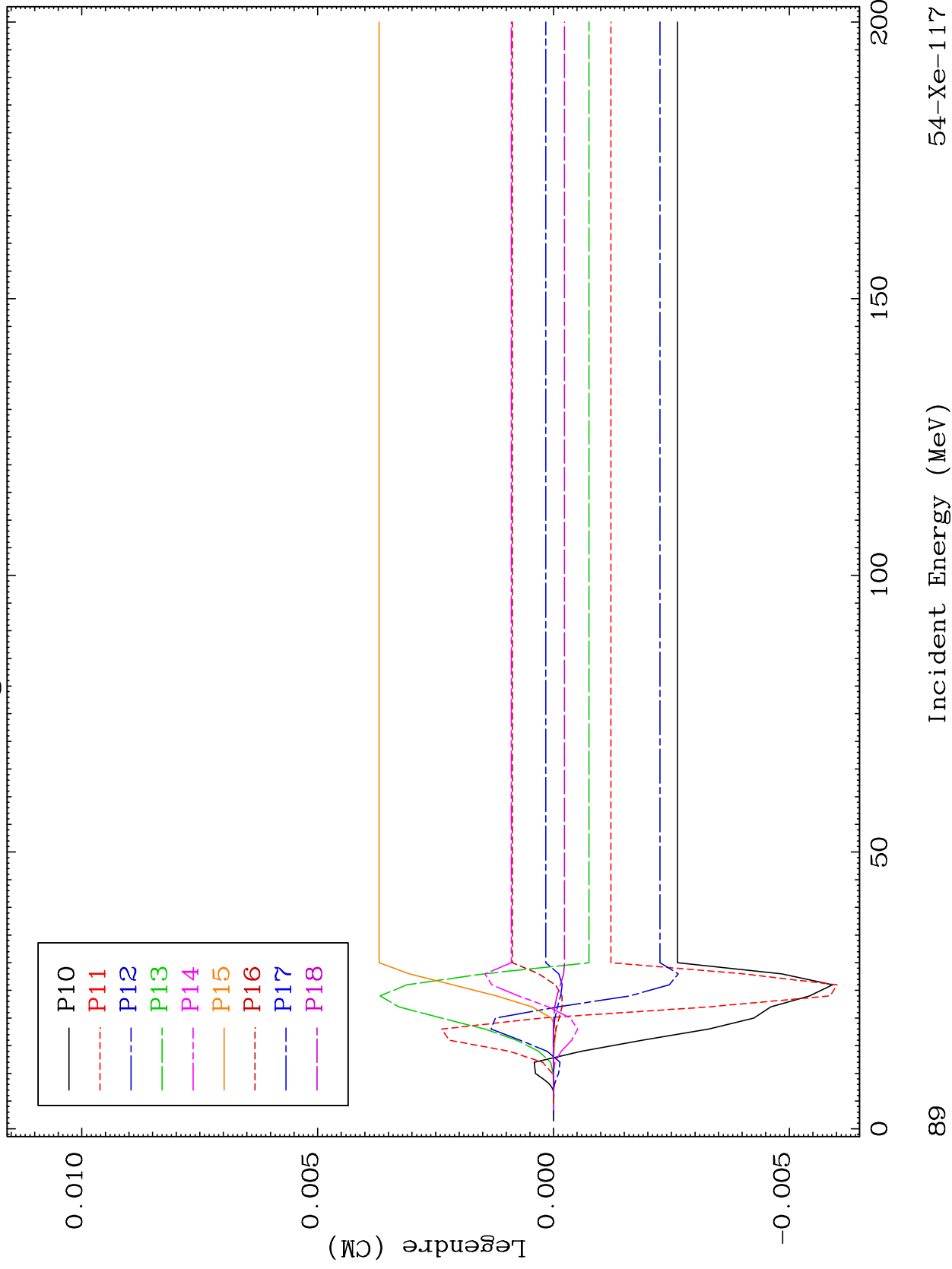
Incident Energy (MeV)

88

MAT 5404

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

54-Xe-117



89

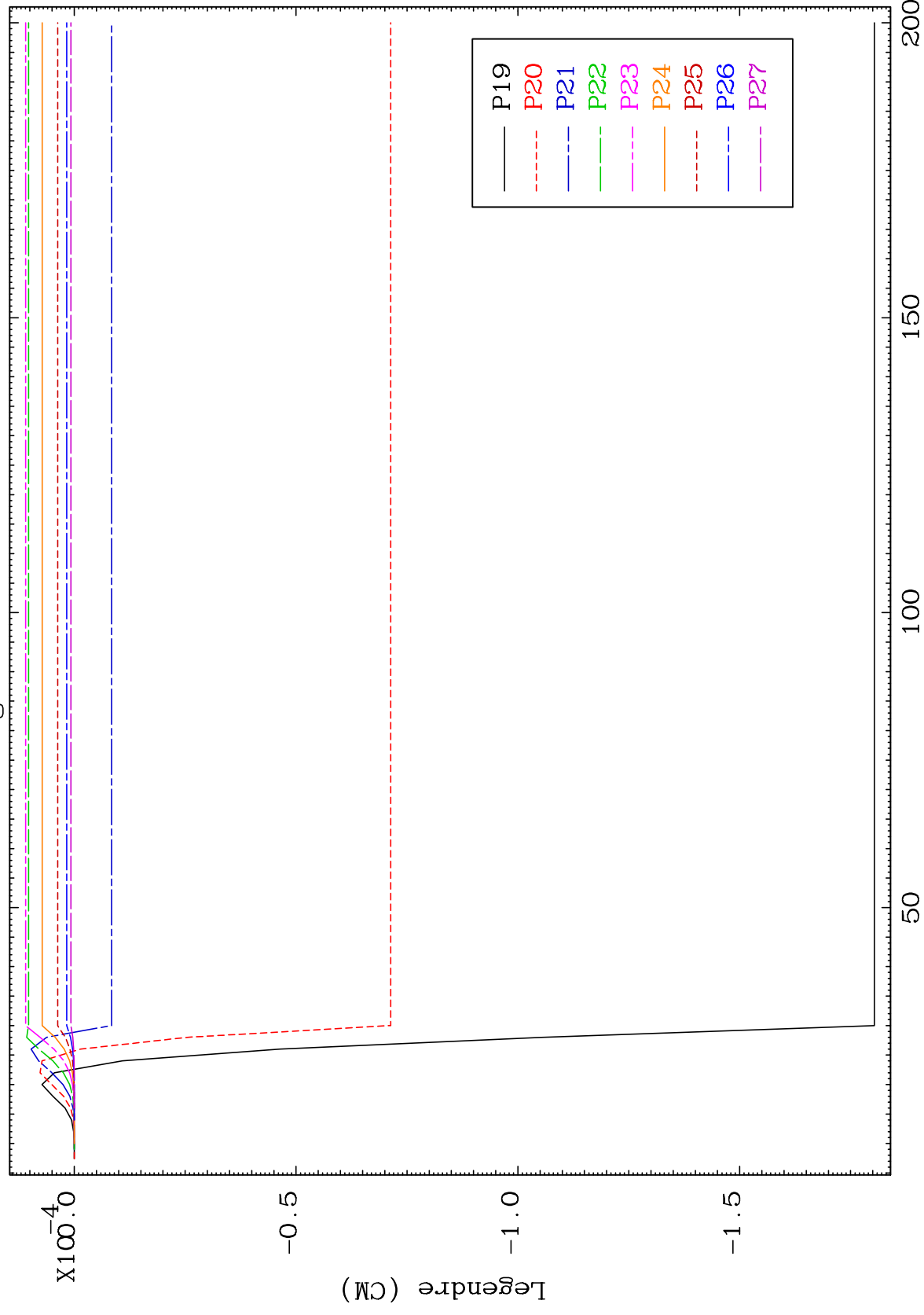
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



90

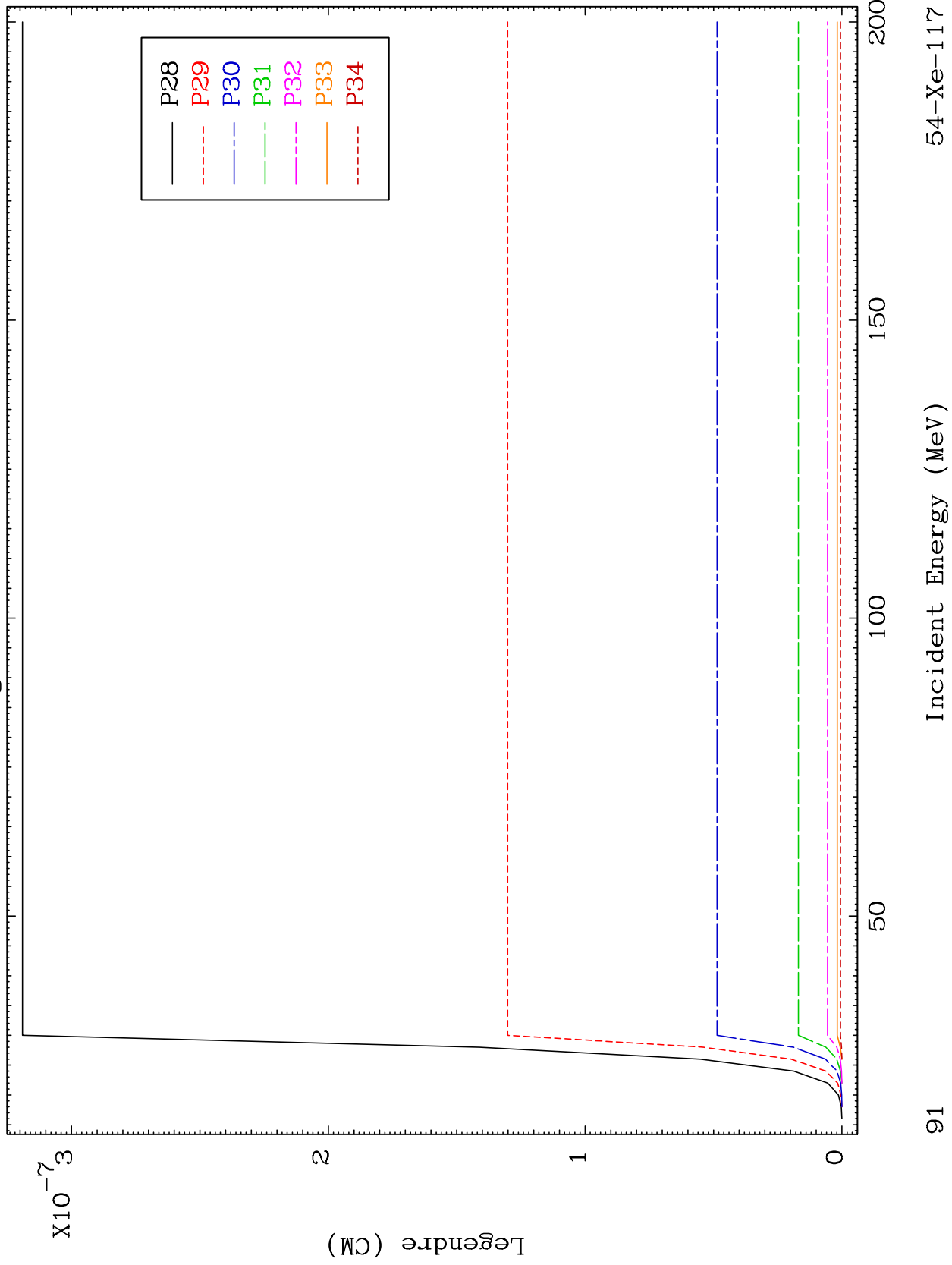
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

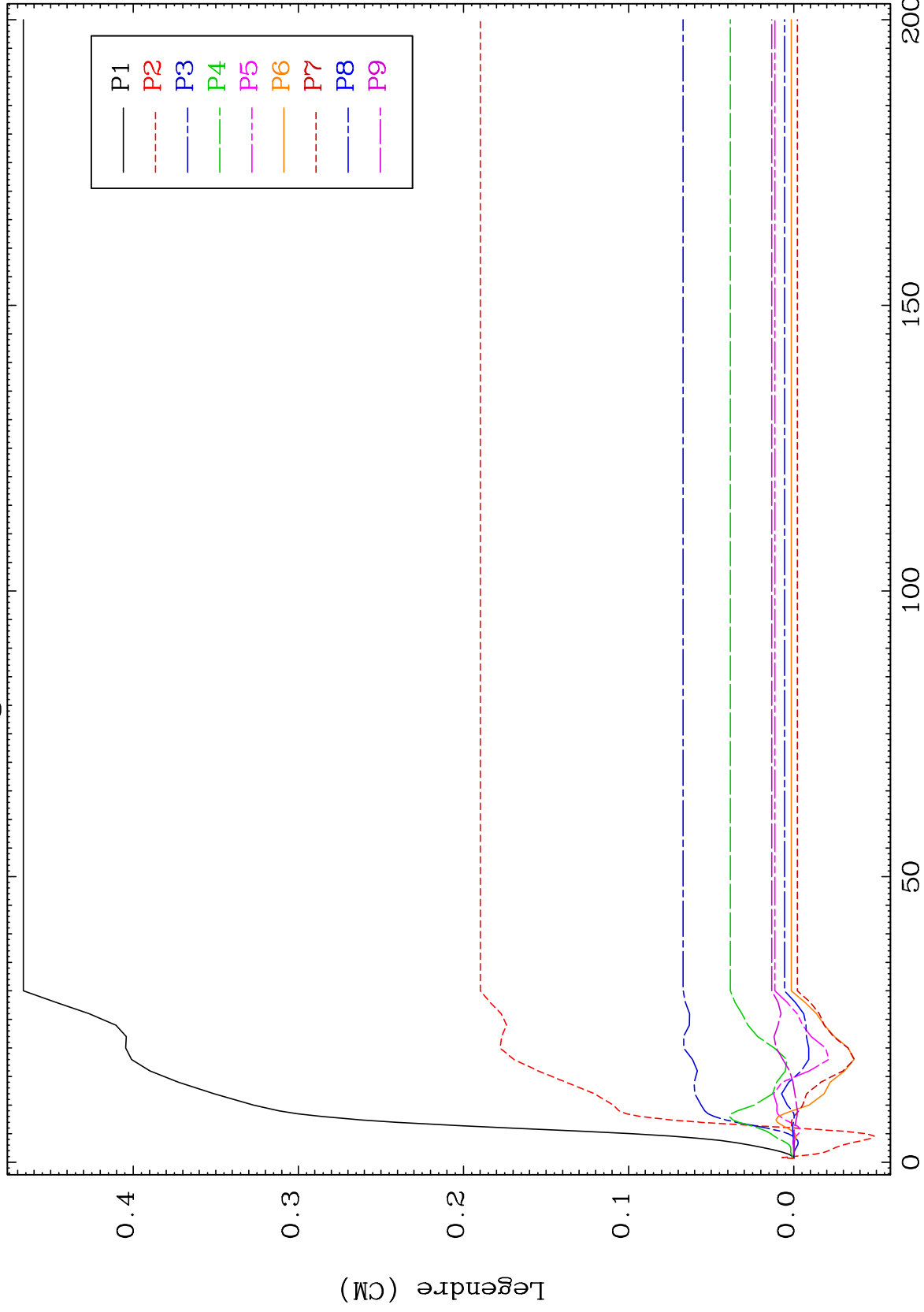
54-Xe-117



MAT 5404

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

54-Xe-117



92

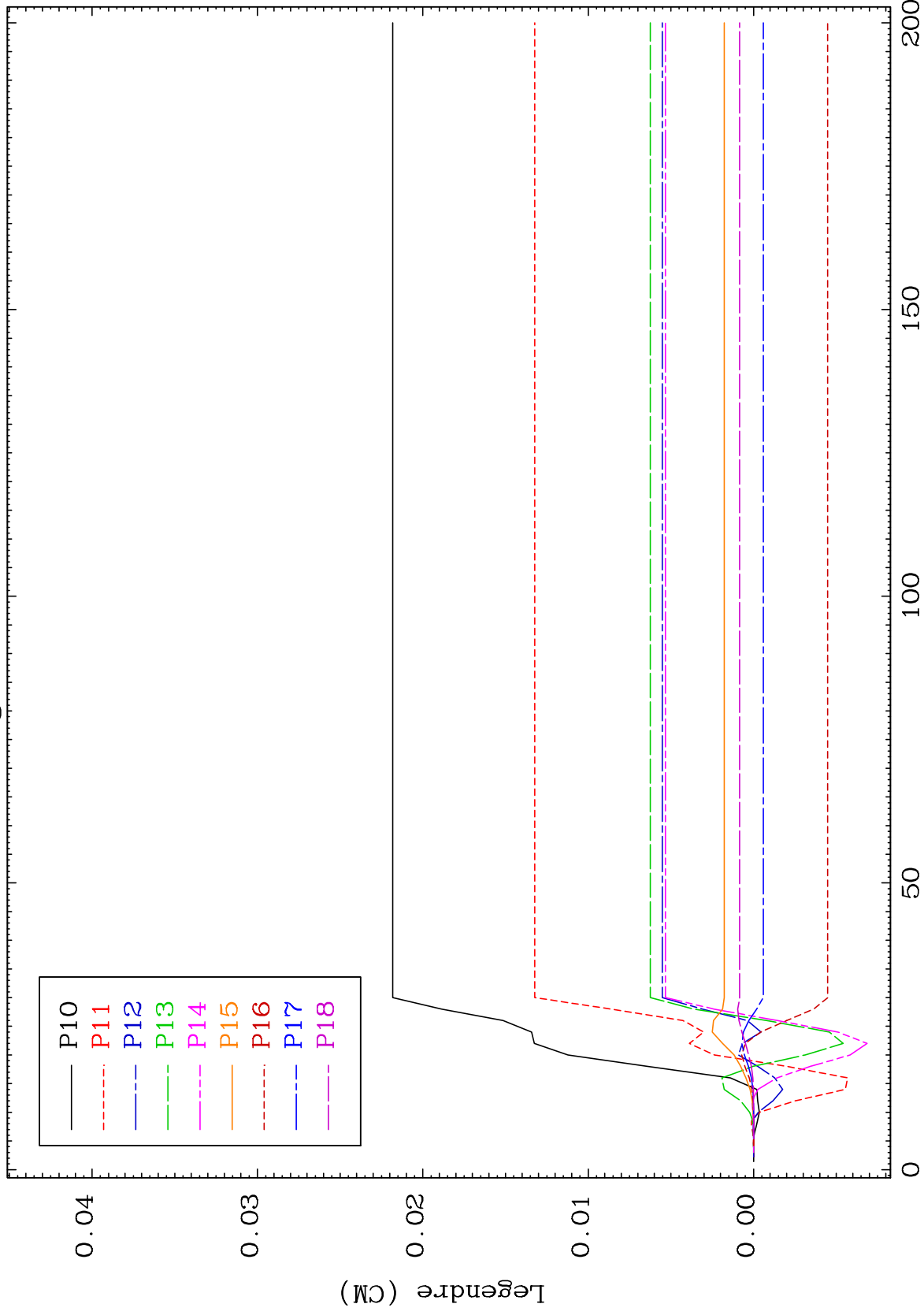
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



93

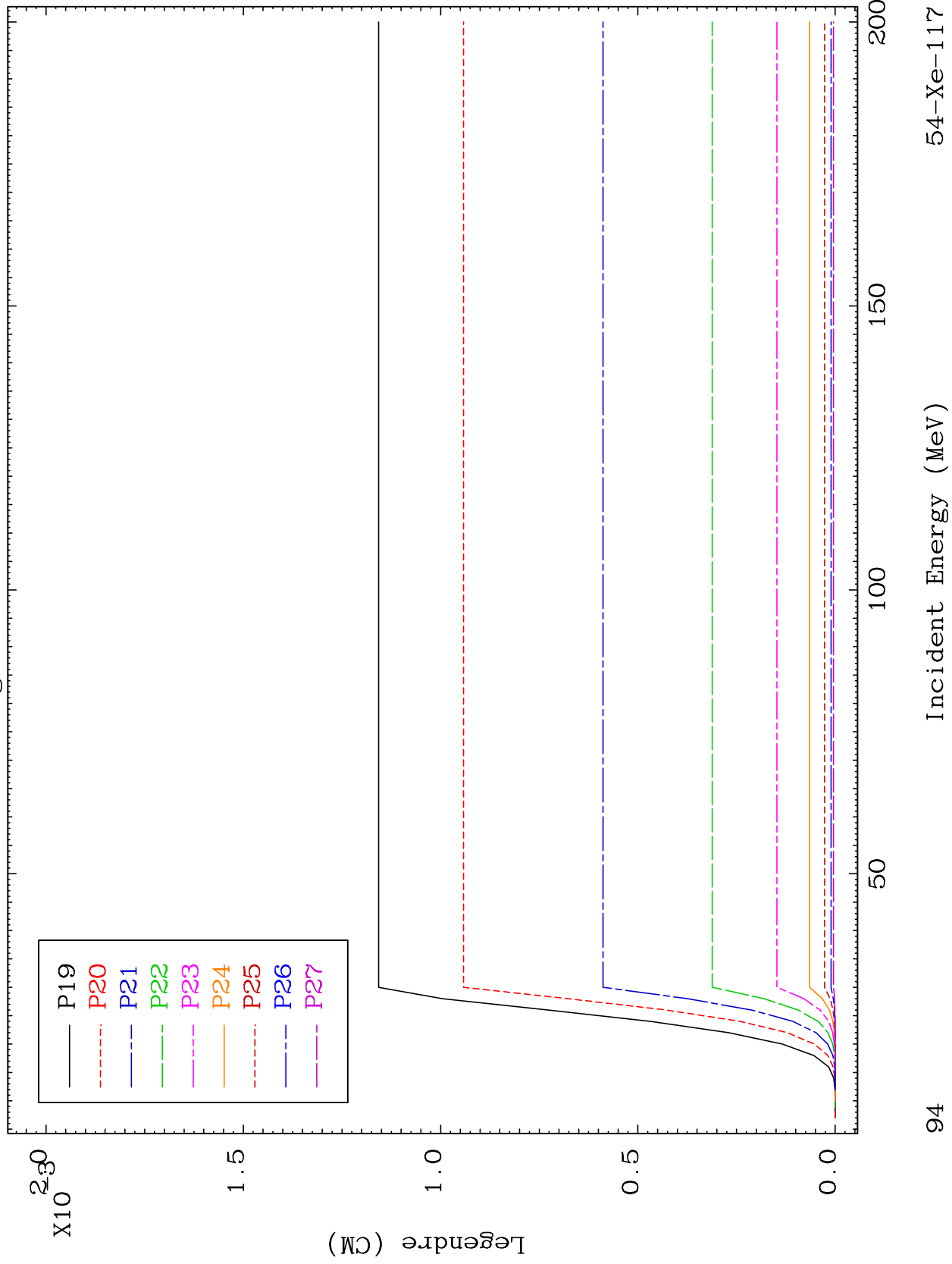
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

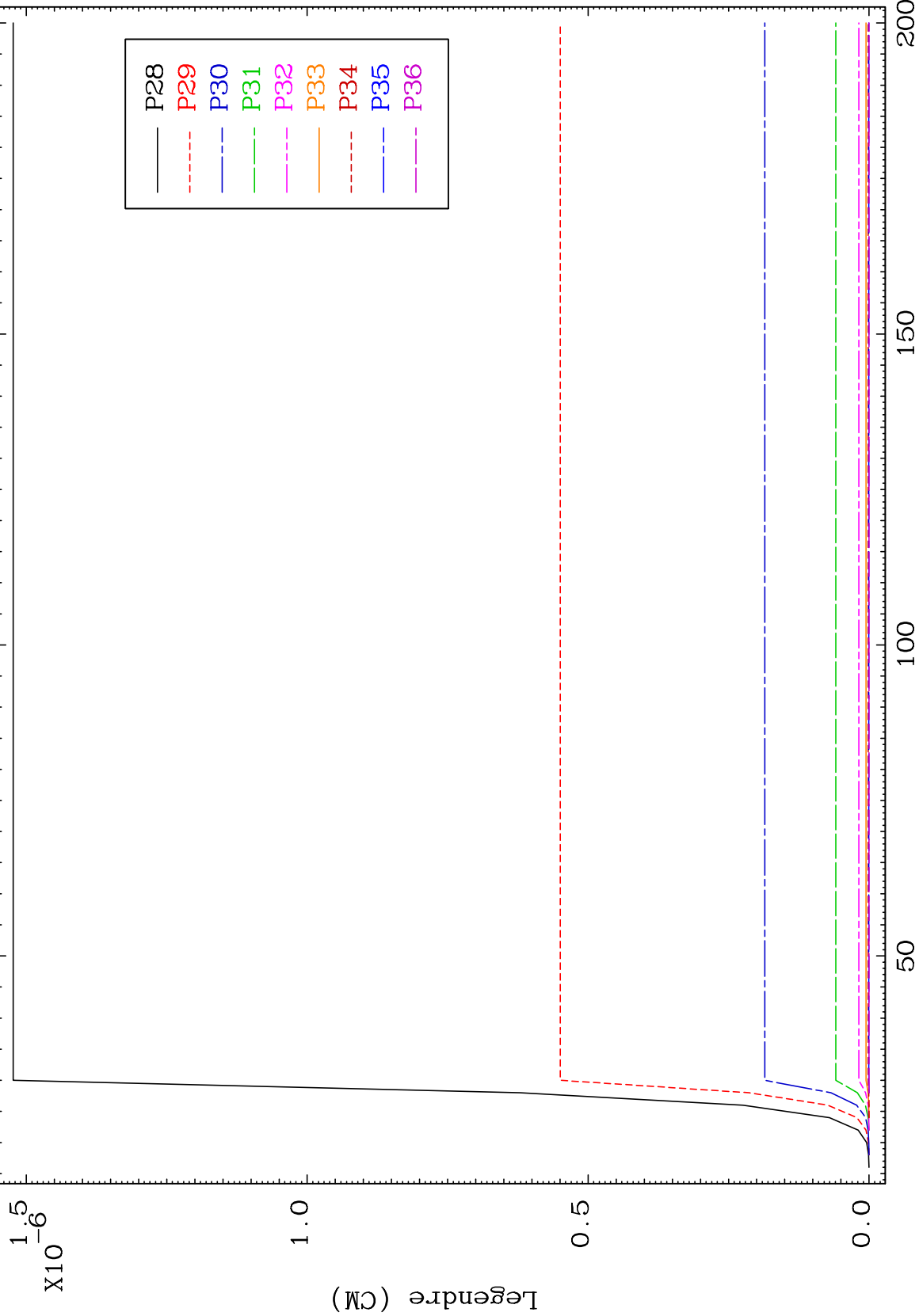
54-Xe-117



MAT 5404

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

54-Xe-117



95

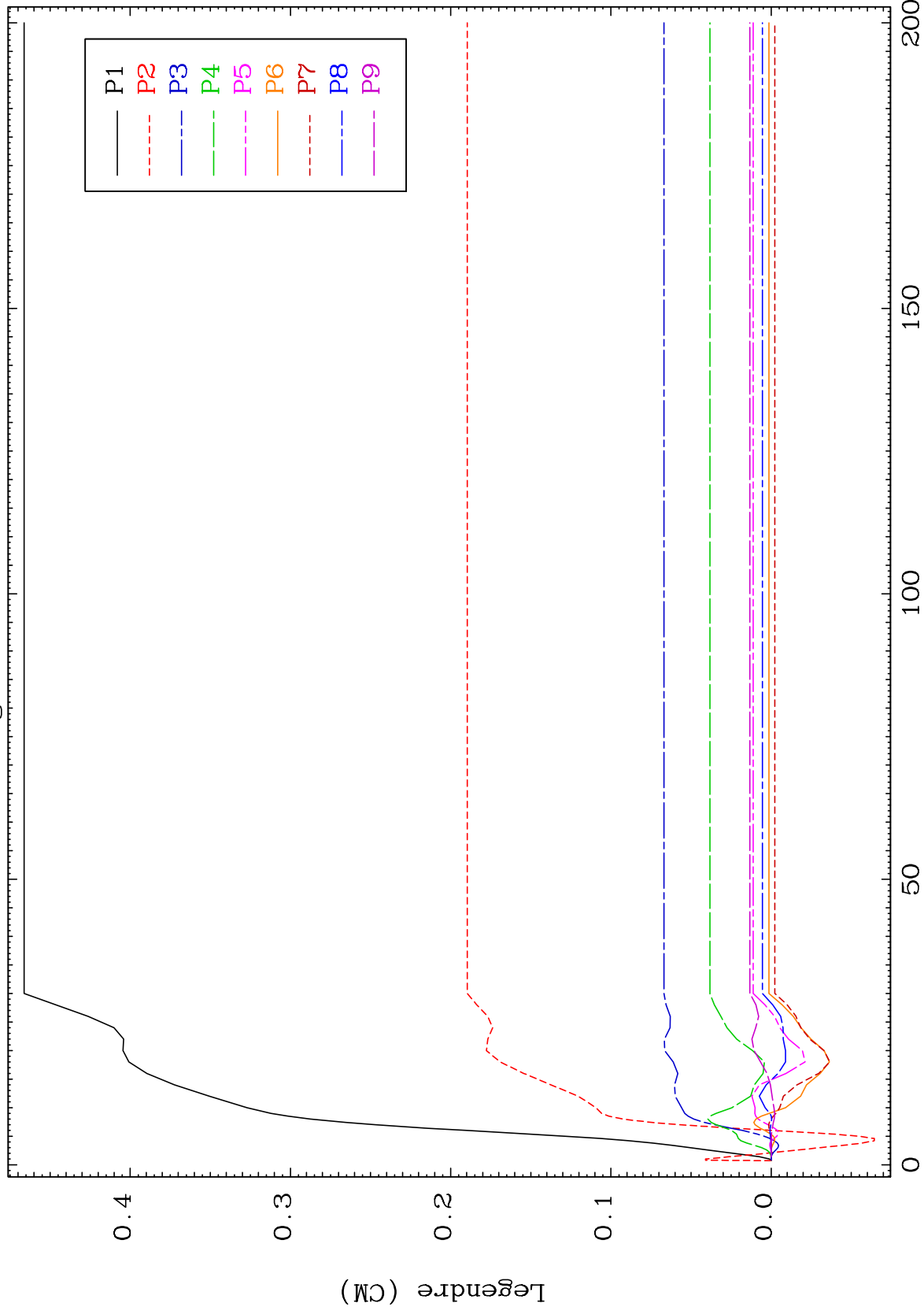
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



96

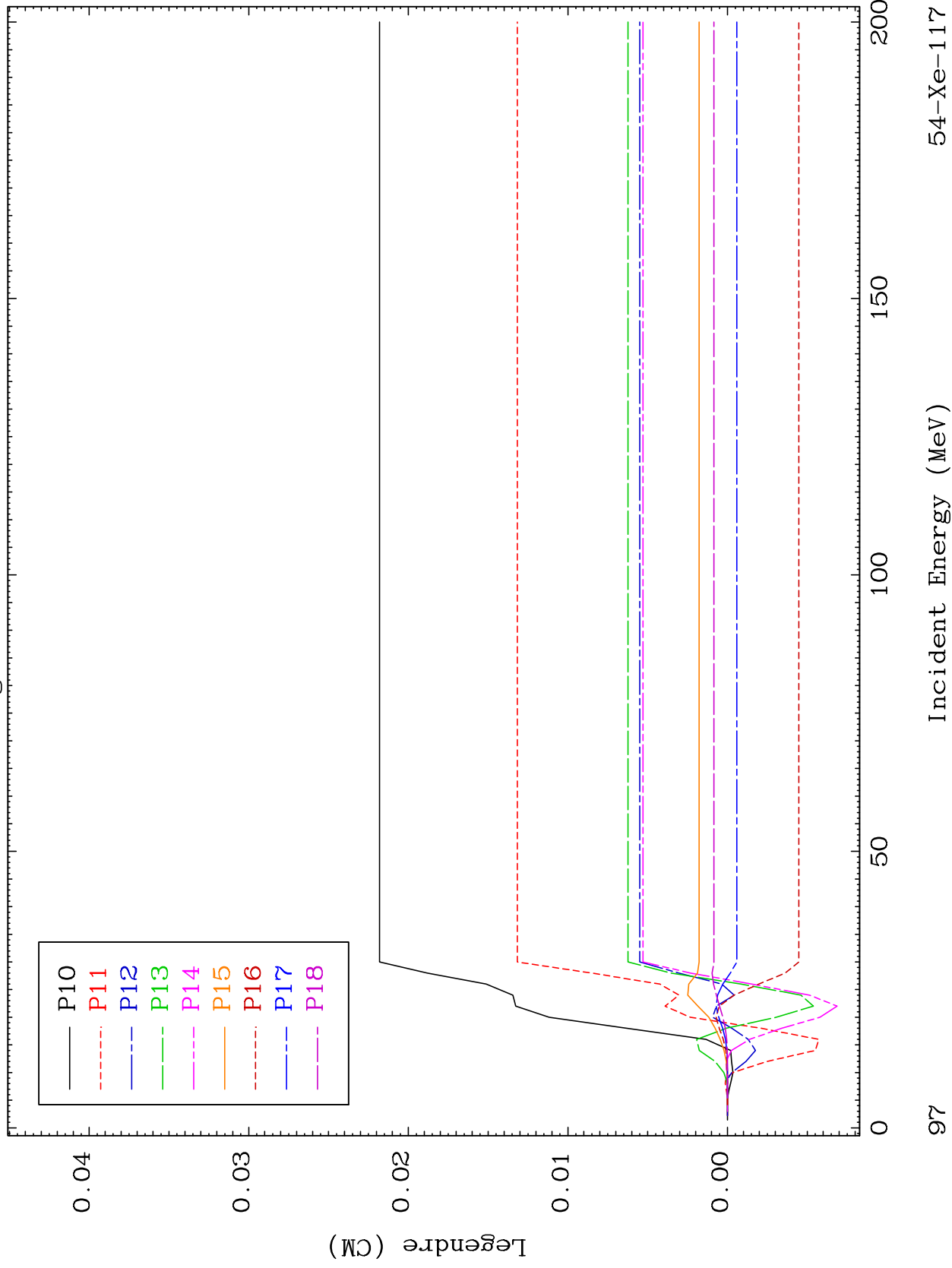
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



97

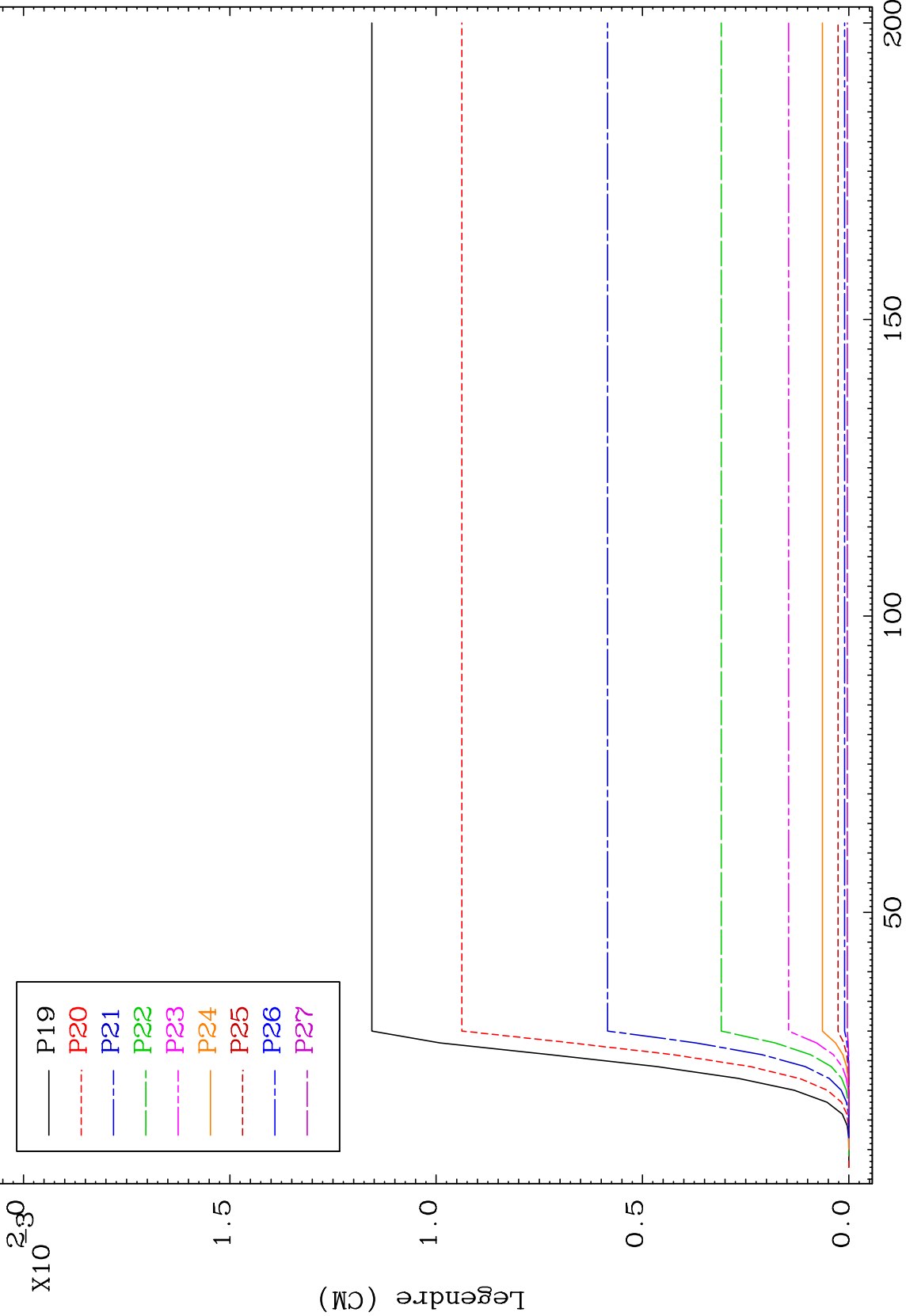
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



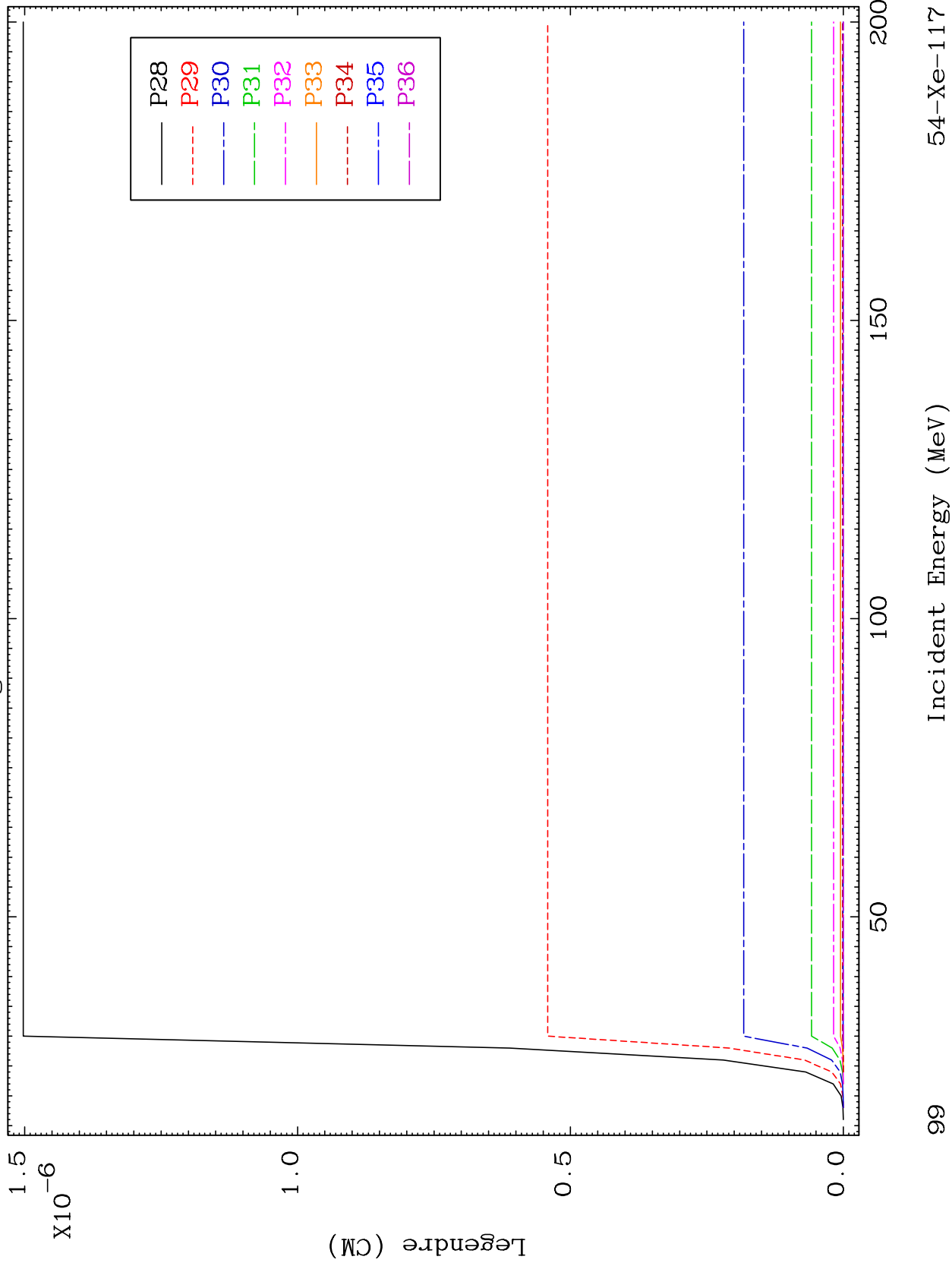
98

54-Xe-117

MAT 5404

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

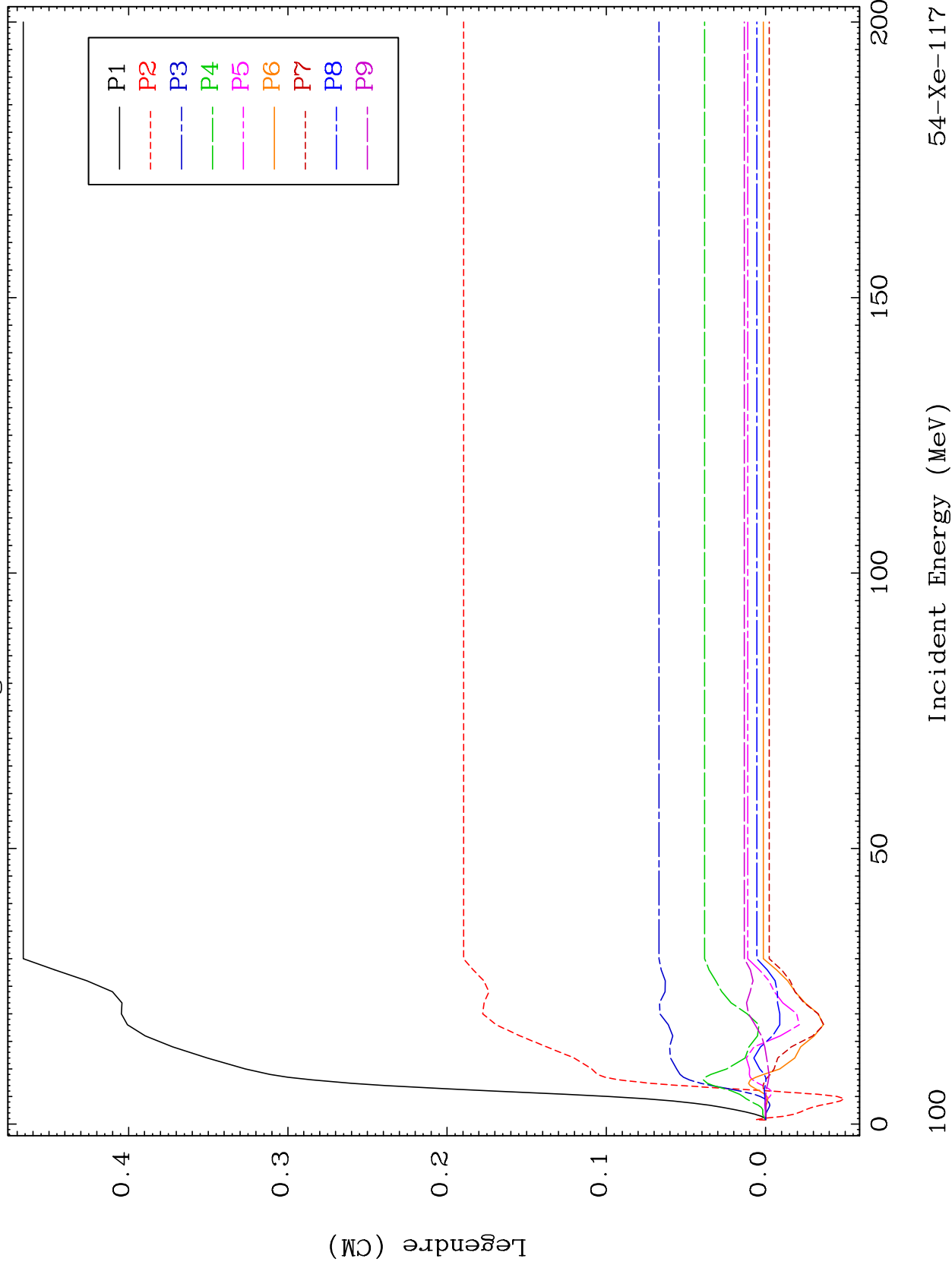
54-Xe-117



MAT 5404

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

54-Xe-117



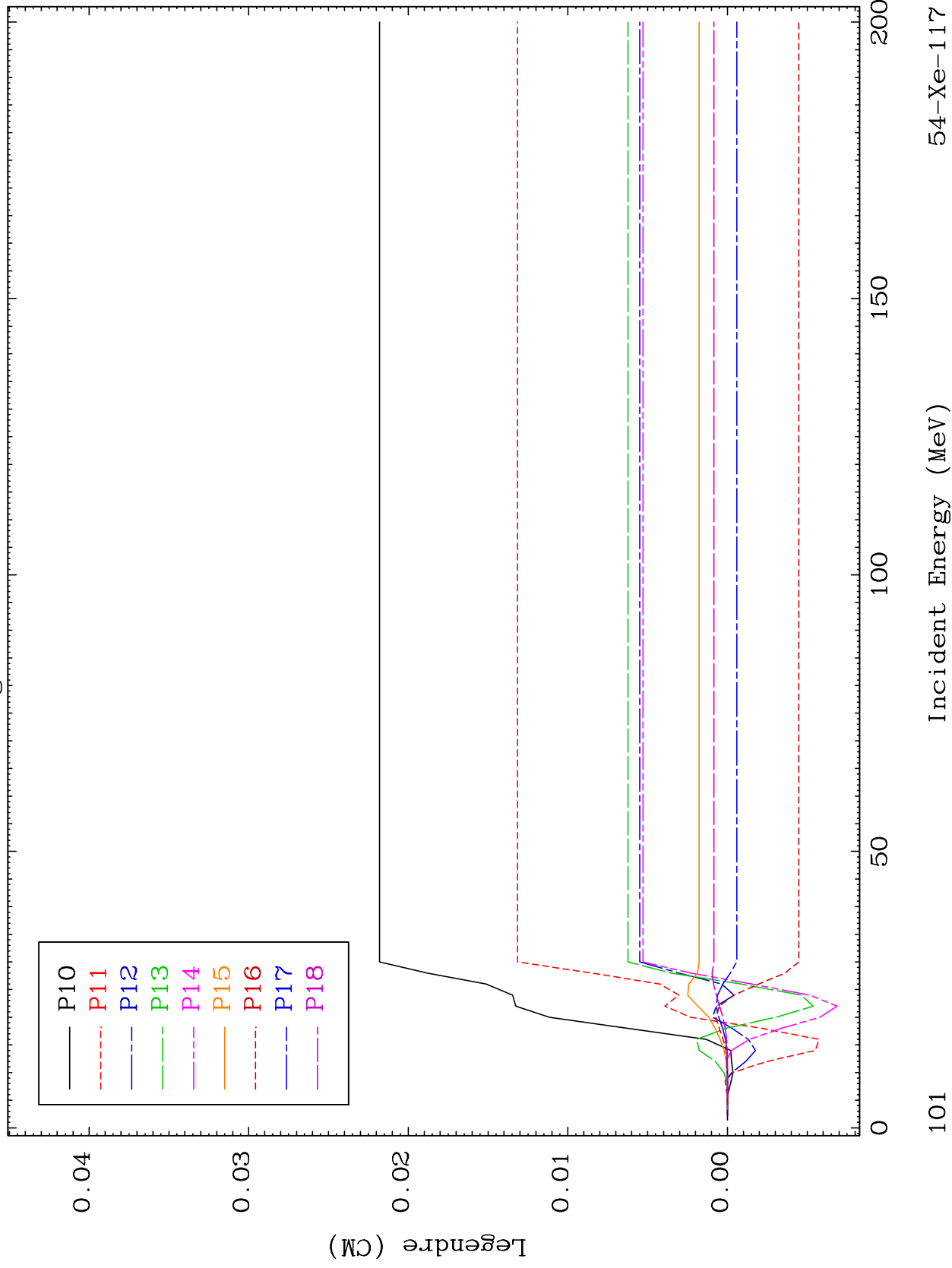
54-Xe-117

Incident Energy (MeV)

MAT 5404

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

54-Xe-117



54-Xe-117

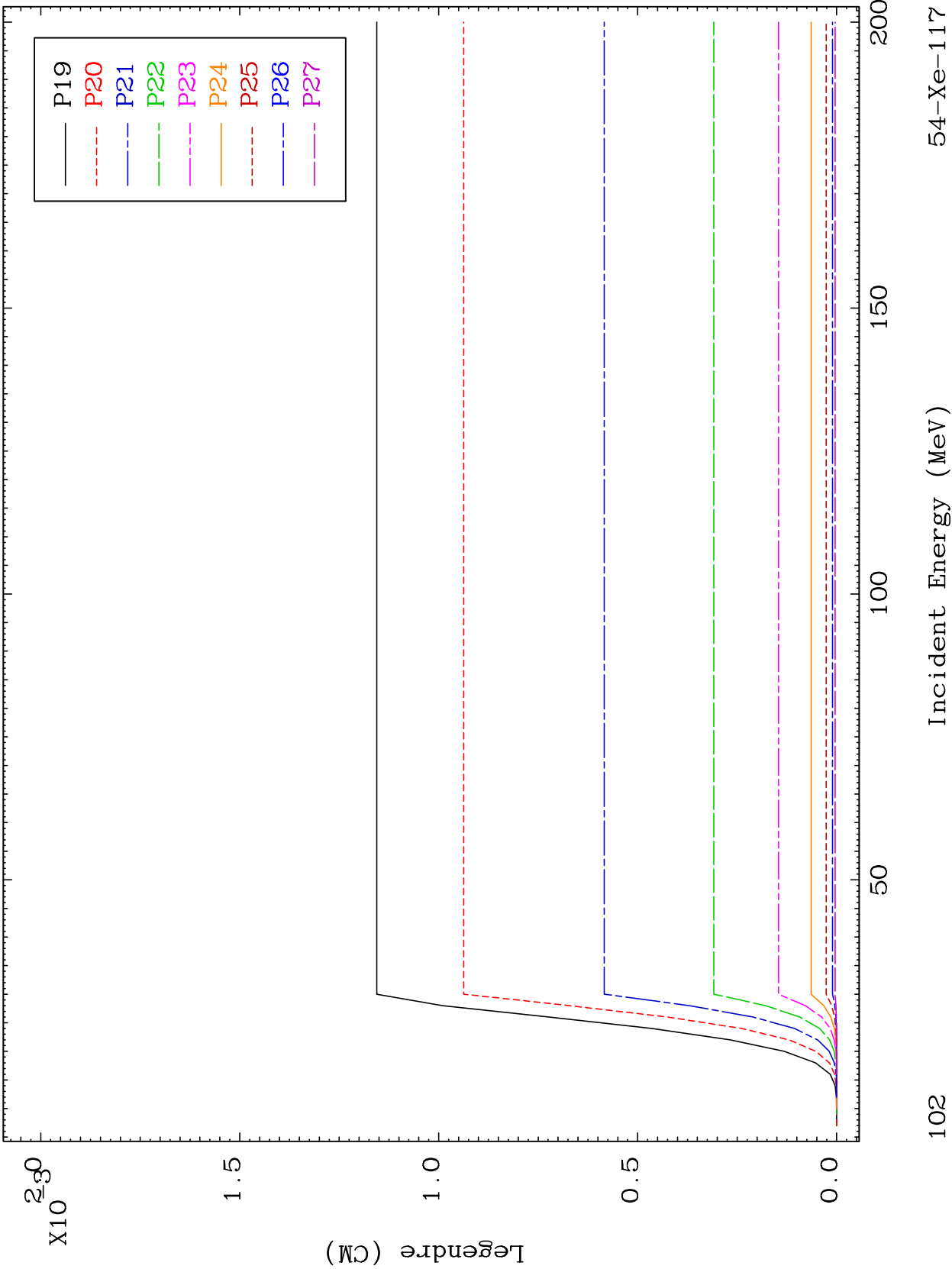
Incident Energy (MeV)

101

MAT 5404

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

54-Xe-117



102

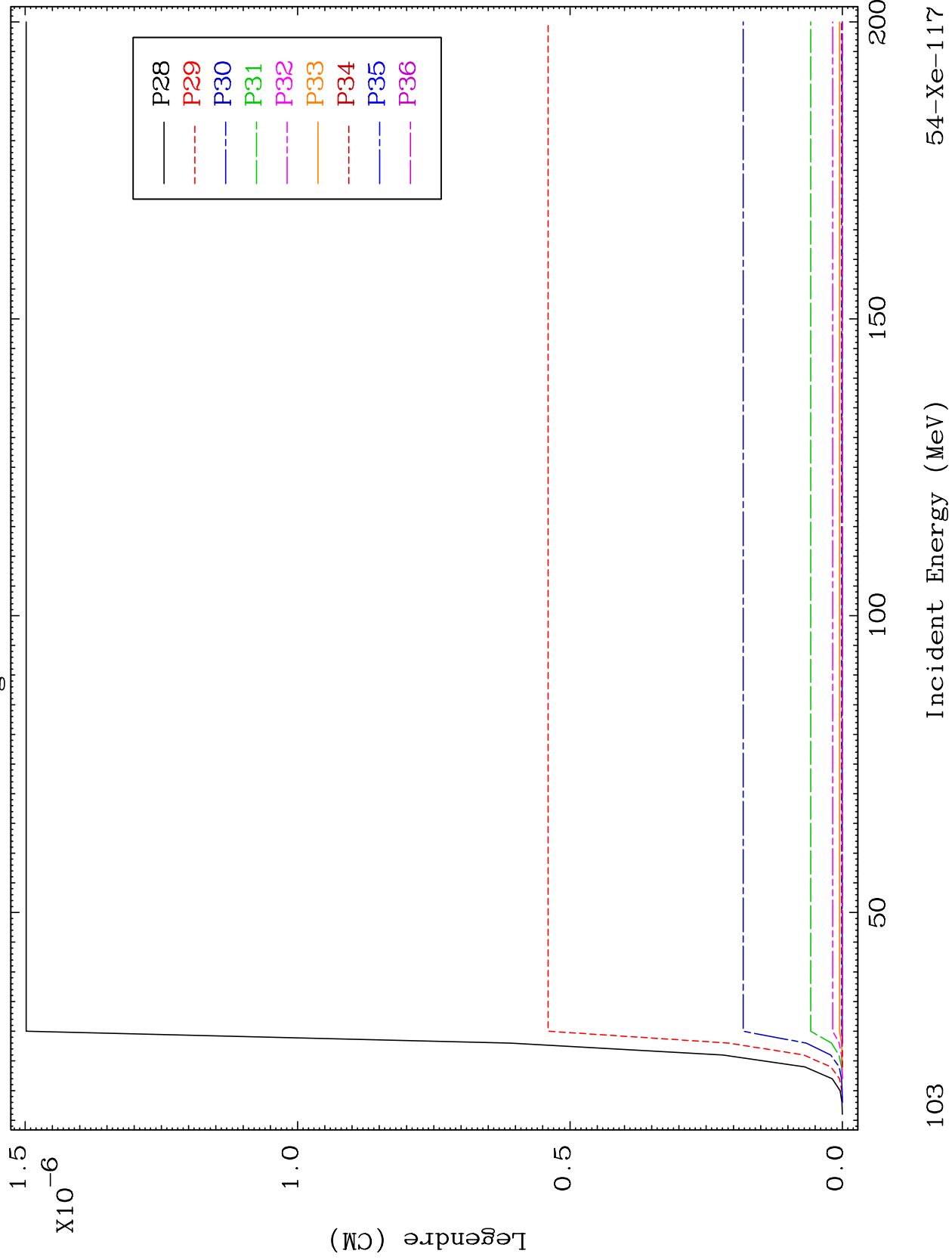
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



103

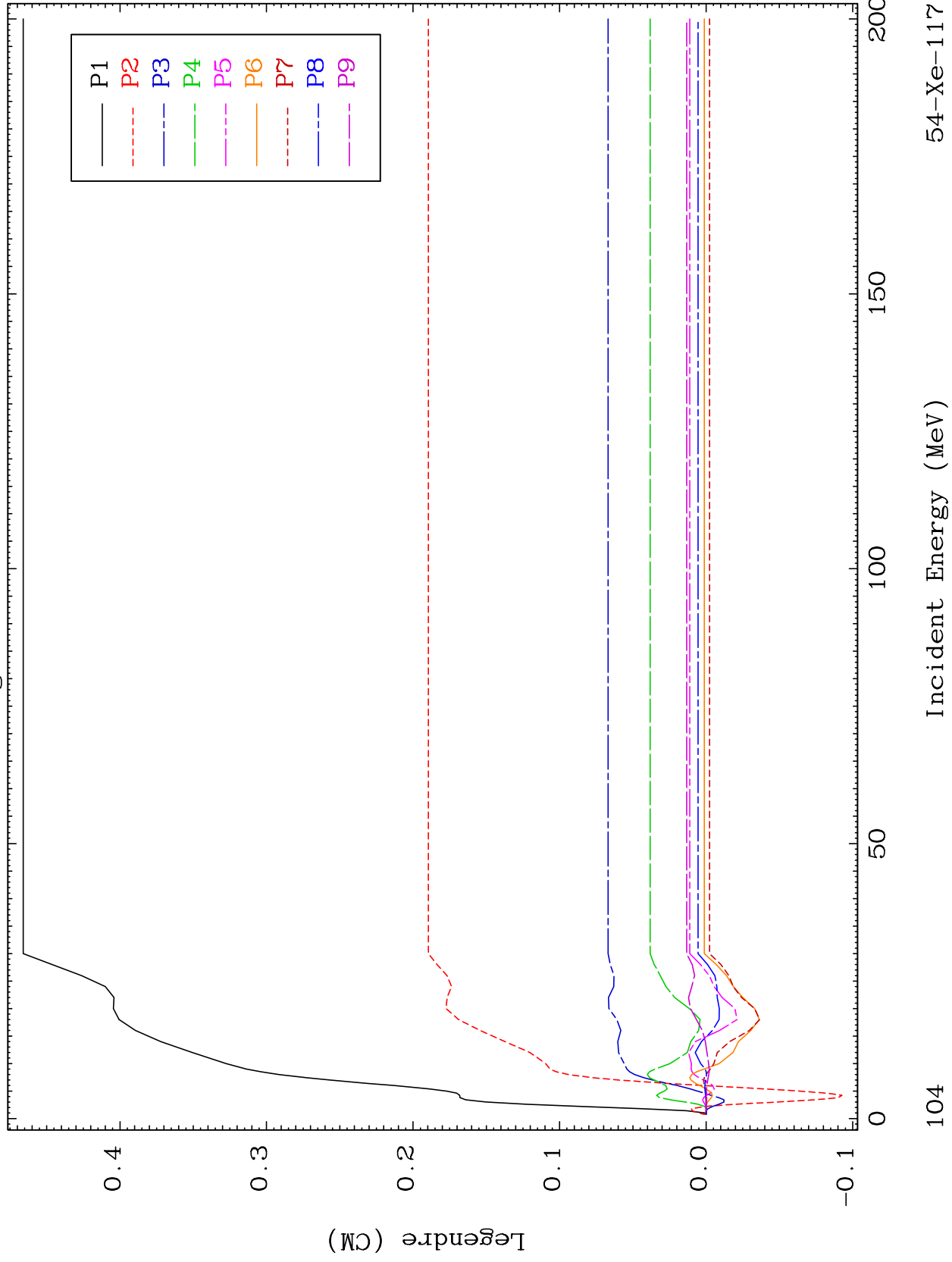
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

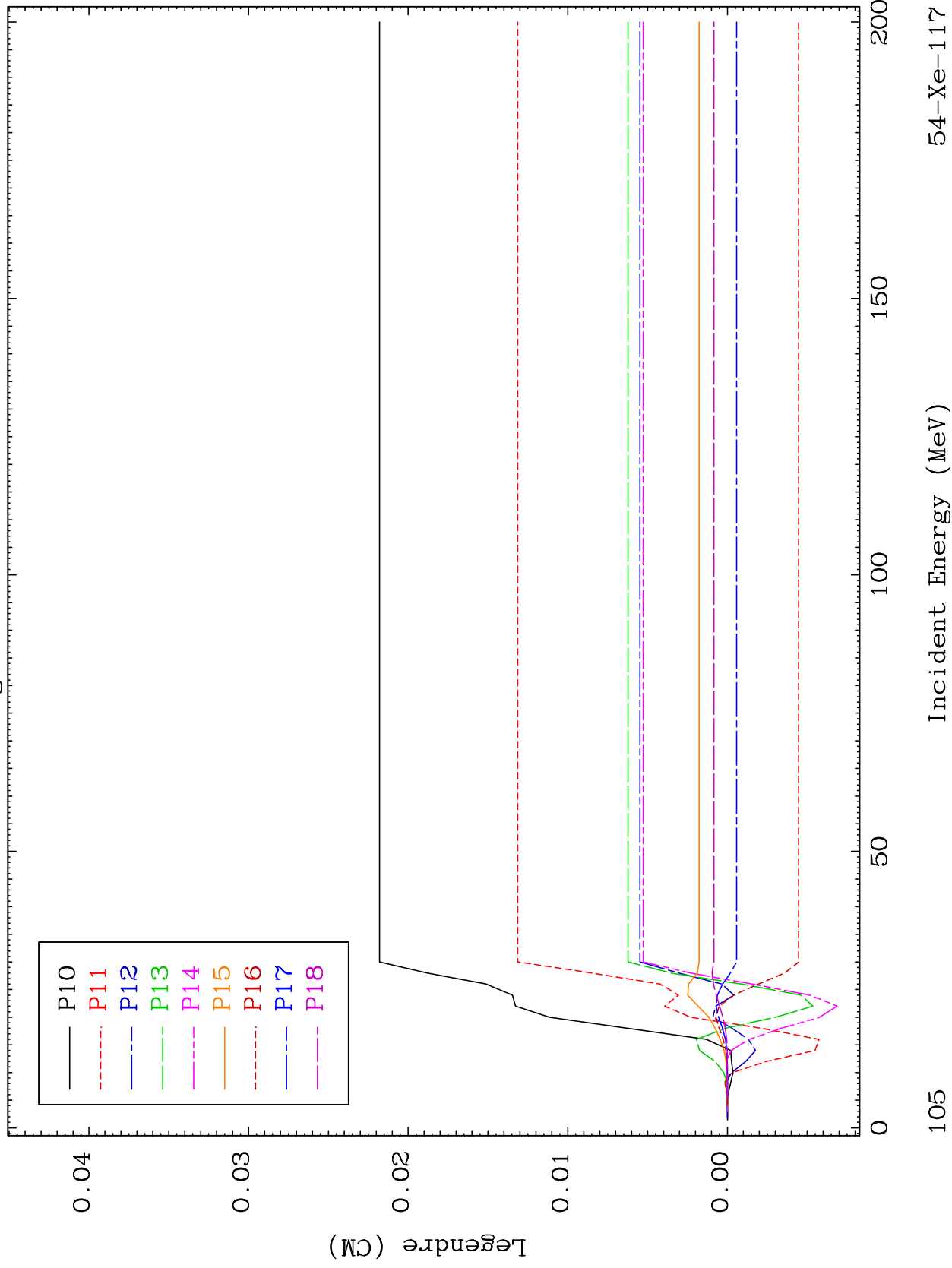
Incident Energy (MeV)

104

MAT 5404

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

54-Xe-117



54-Xe-117

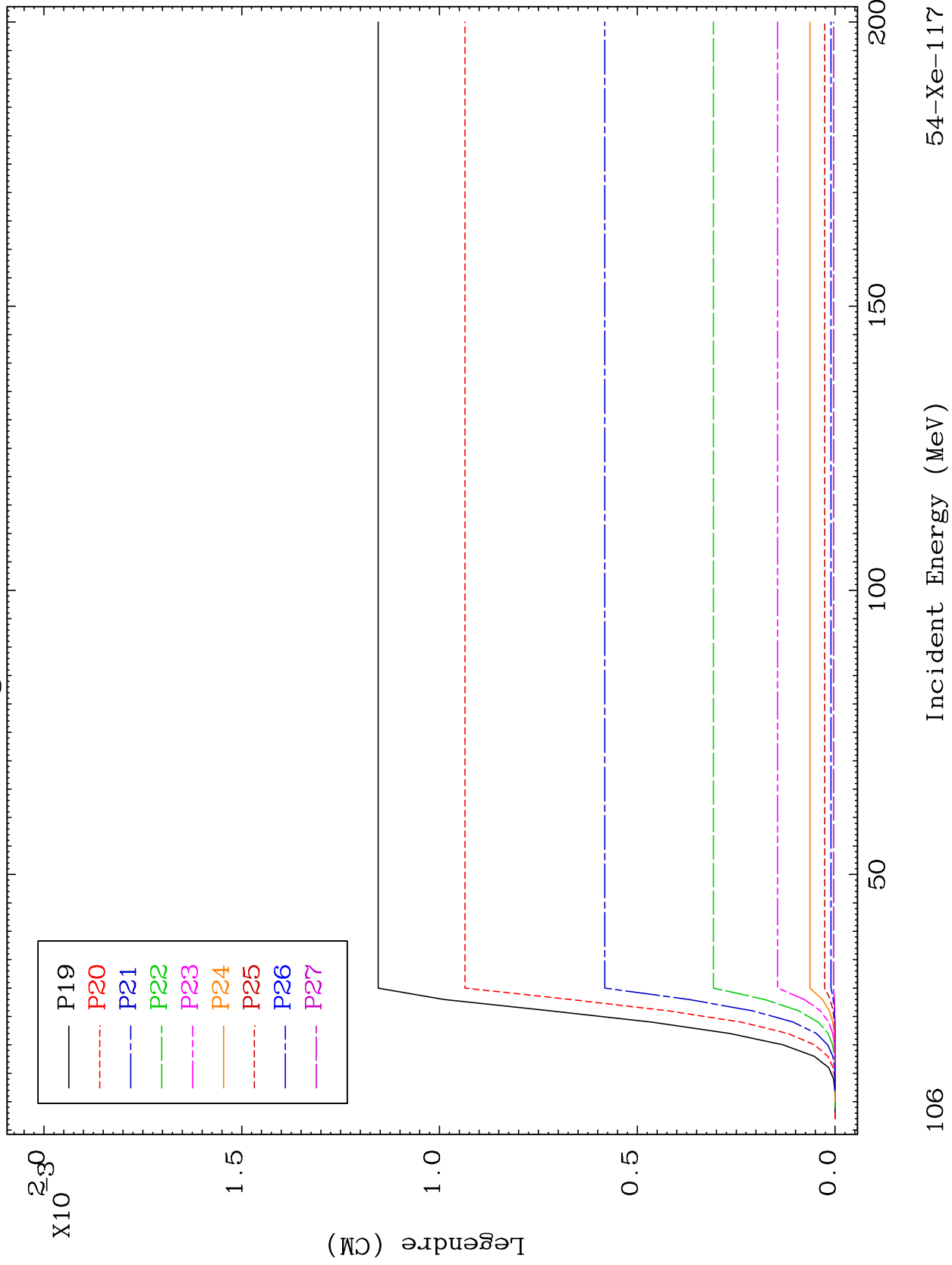
Incident Energy (MeV)

105

MAT 5404

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

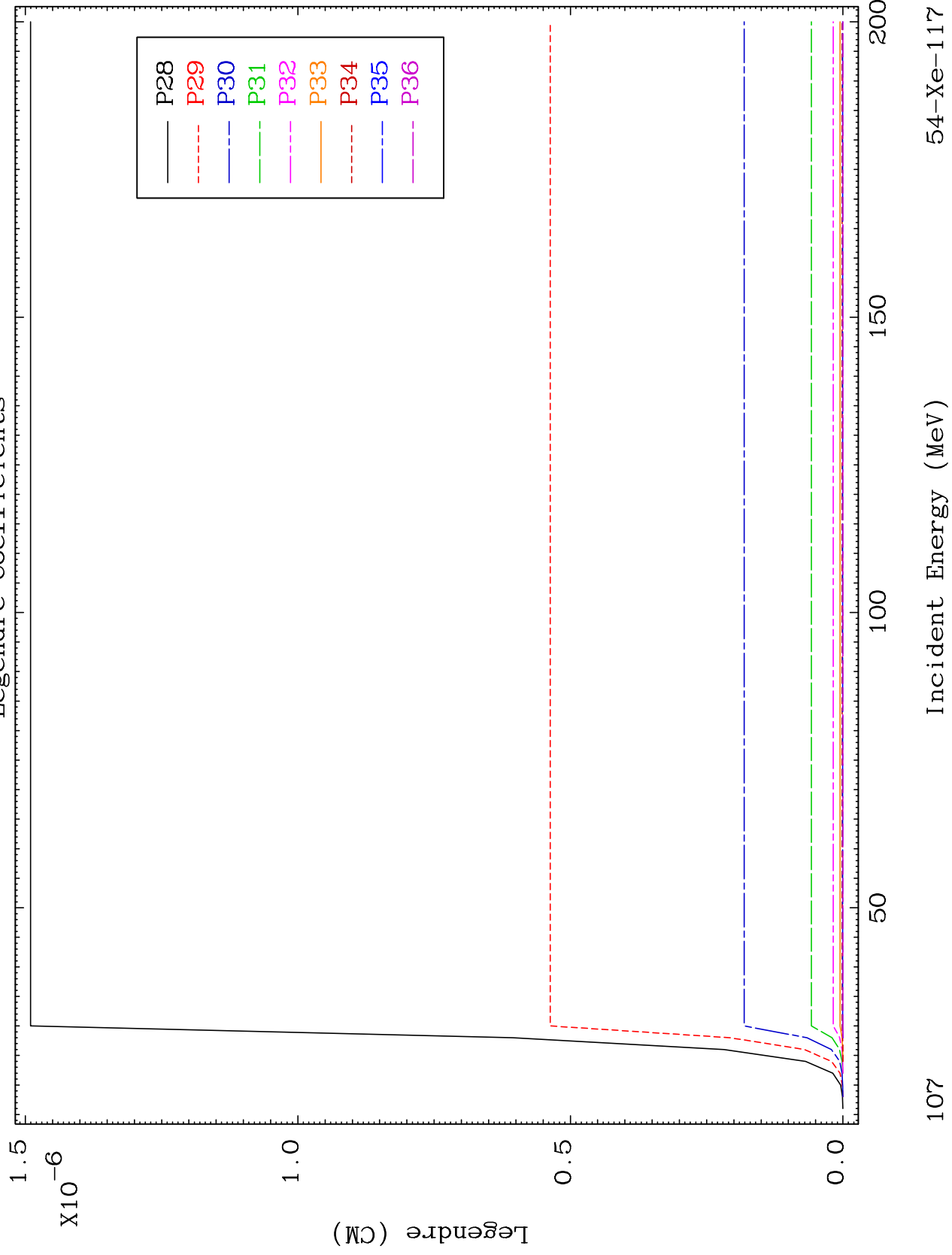
54-Xe-117



MAT 5404

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

54-Xe-117



107

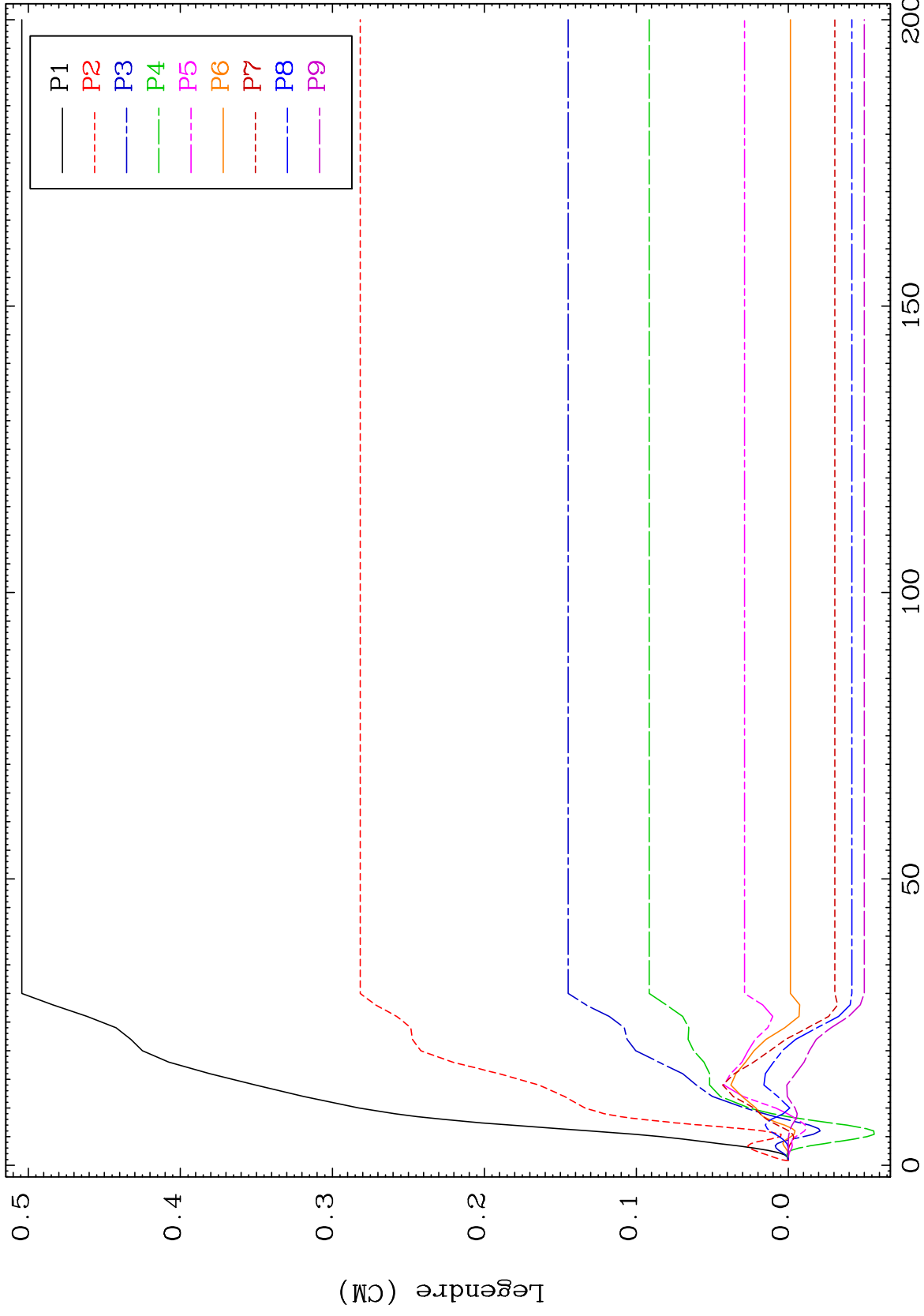
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

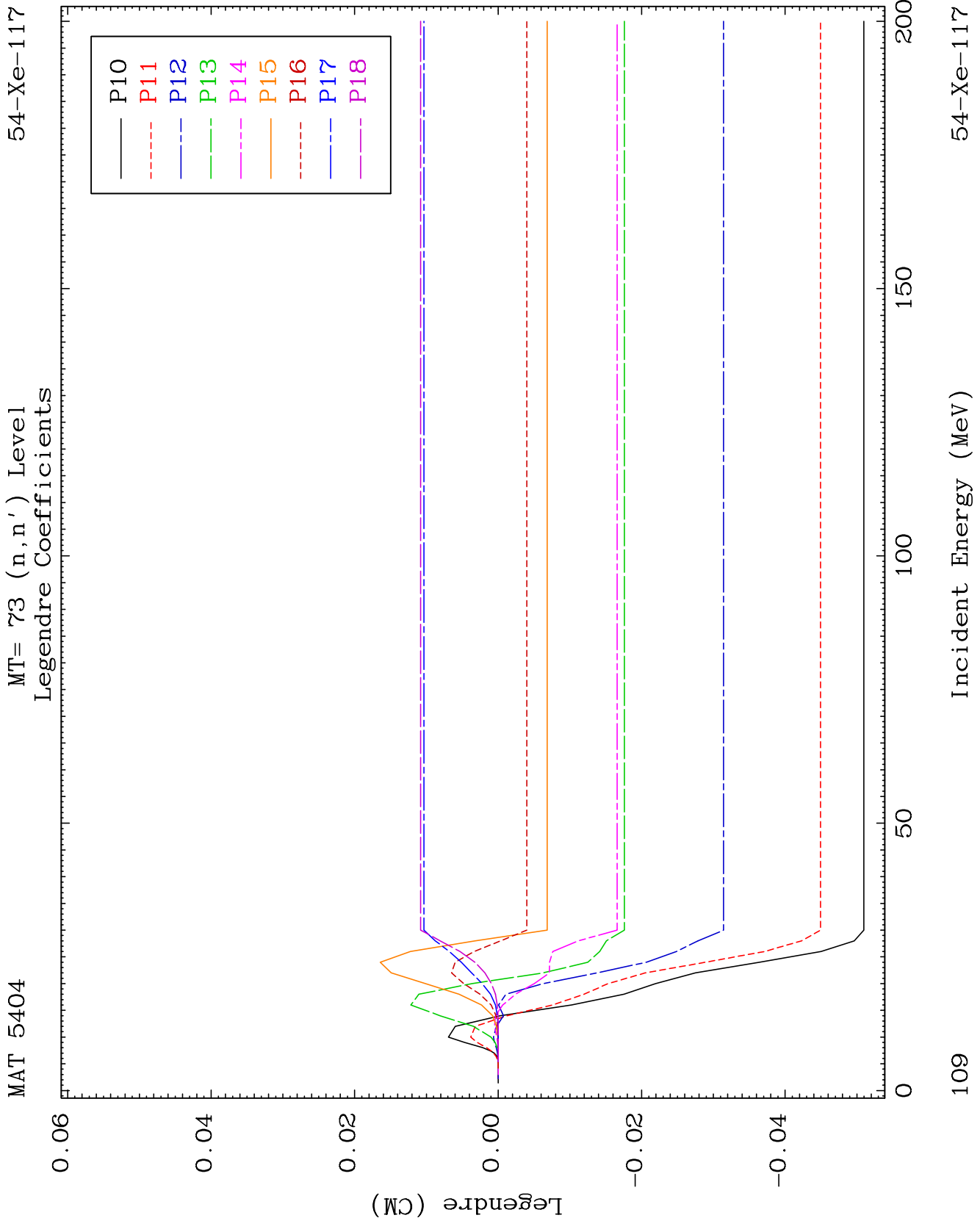
54-Xe-117



54-Xe-117

Incident Energy (MeV)

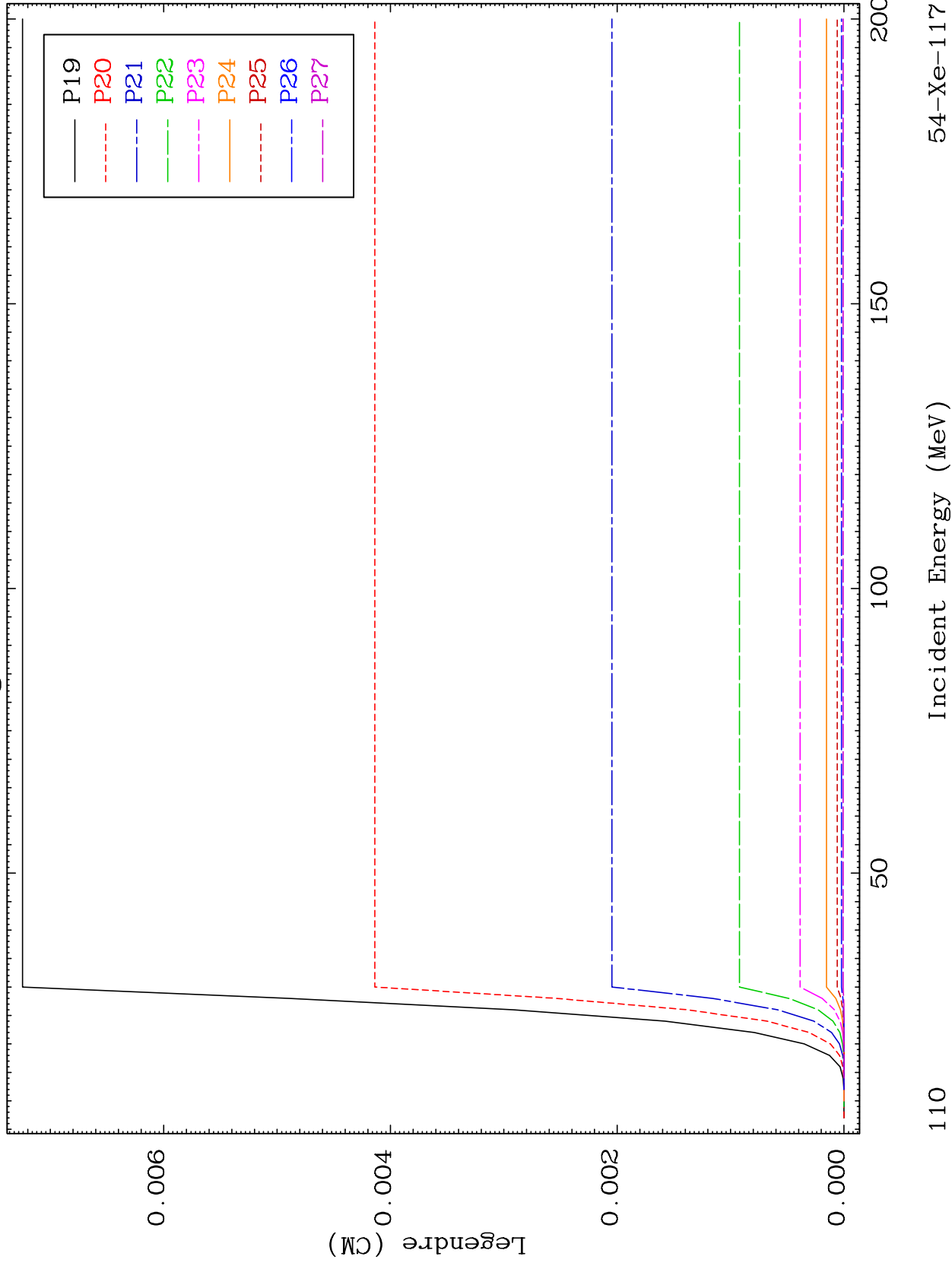
108



MAT 5404

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

54-Xe-117



54-Xe-117

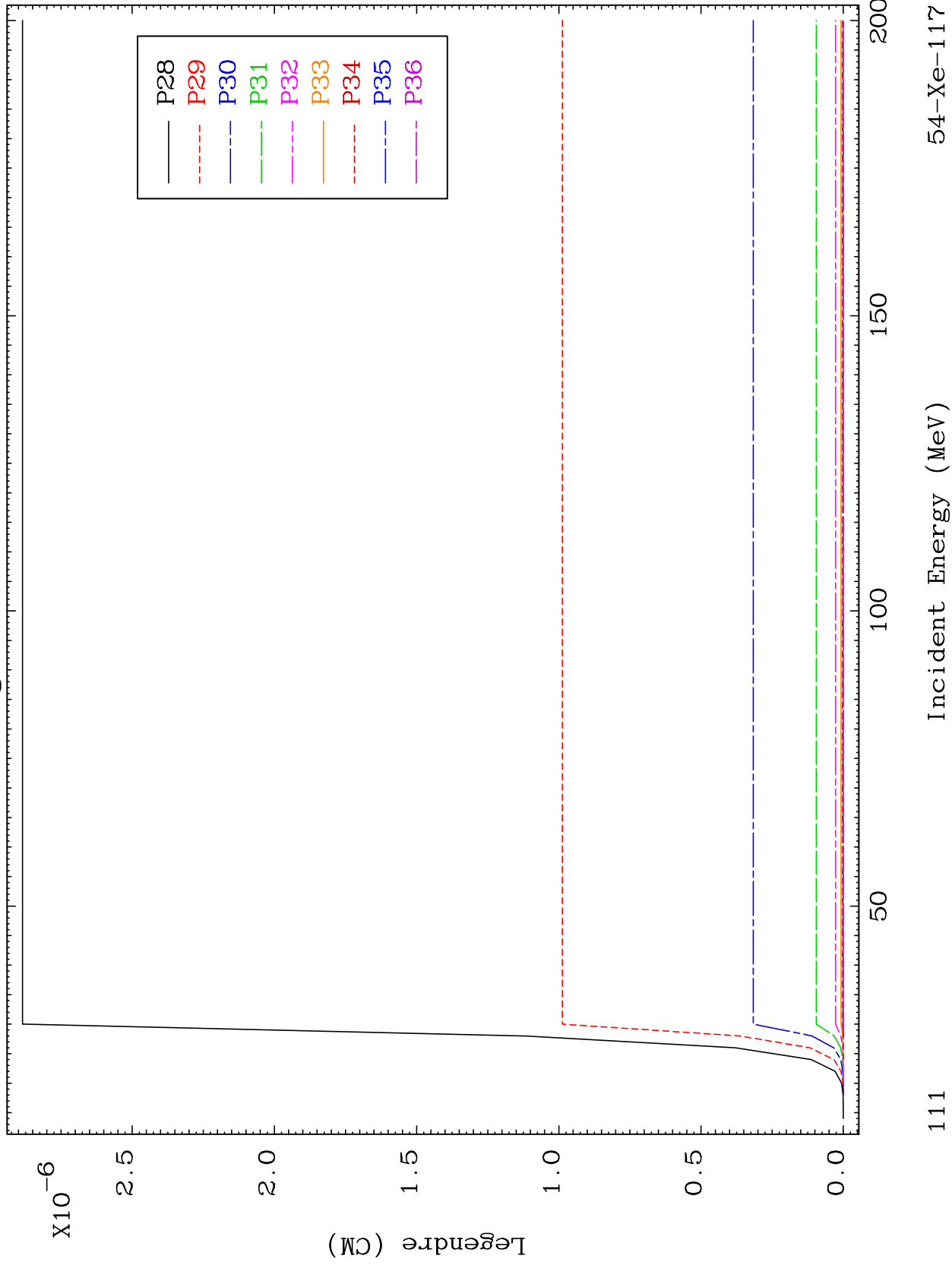
Incident Energy (MeV)

110

MAT 5404

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

54-Xe-117



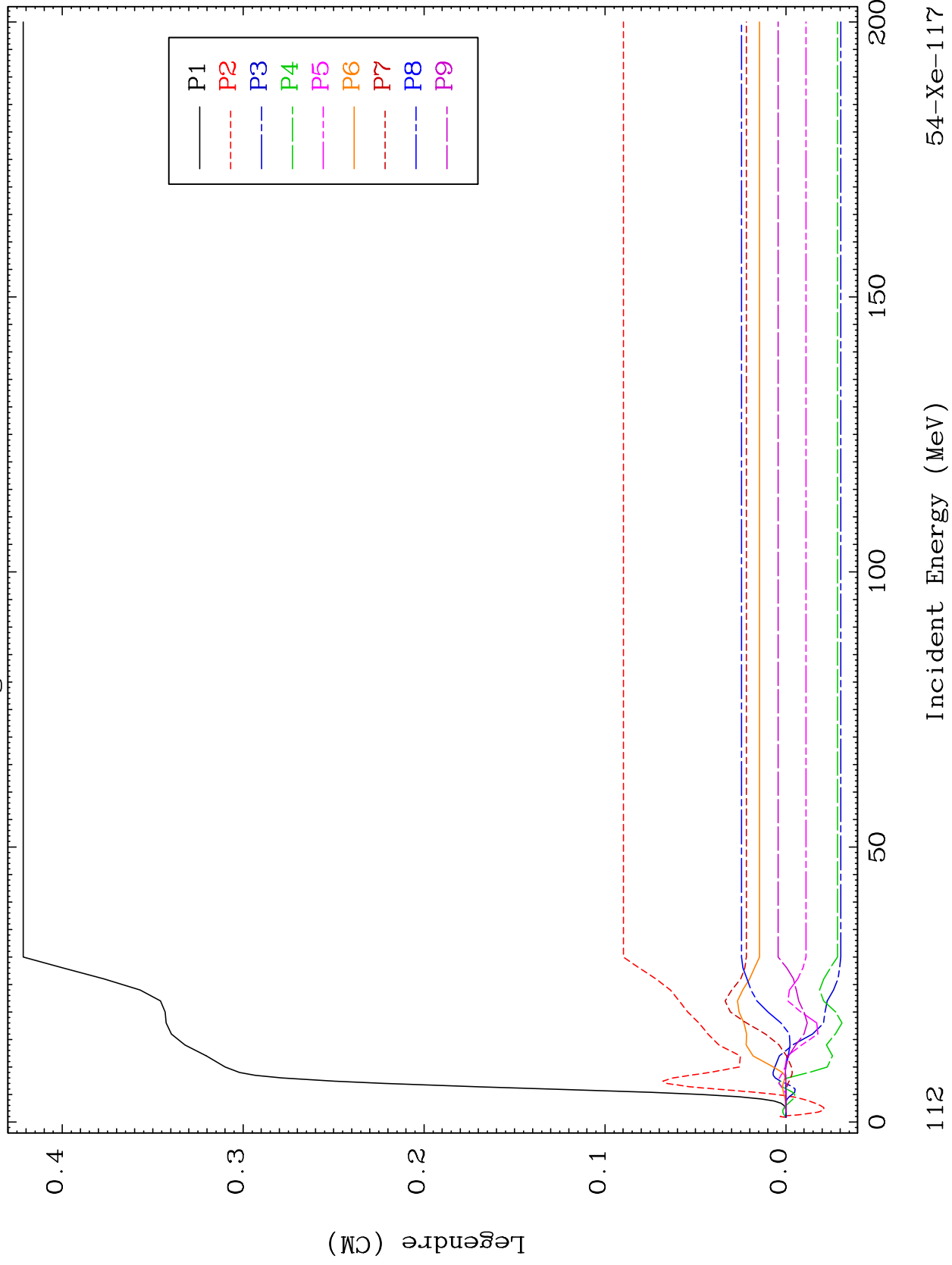
111

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

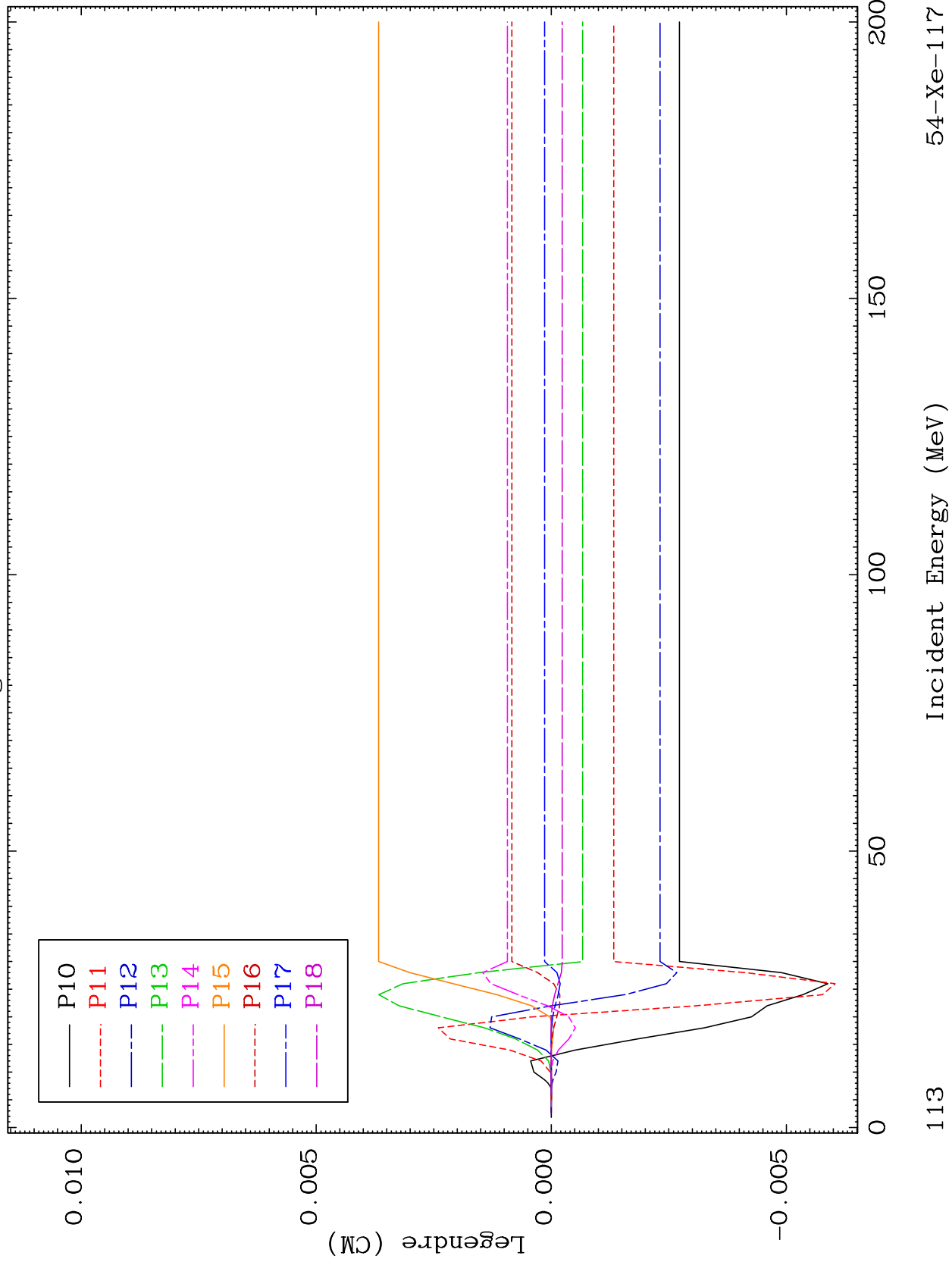
Incident Energy (MeV)

112

MAT 5404

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

54-Xe-117



113

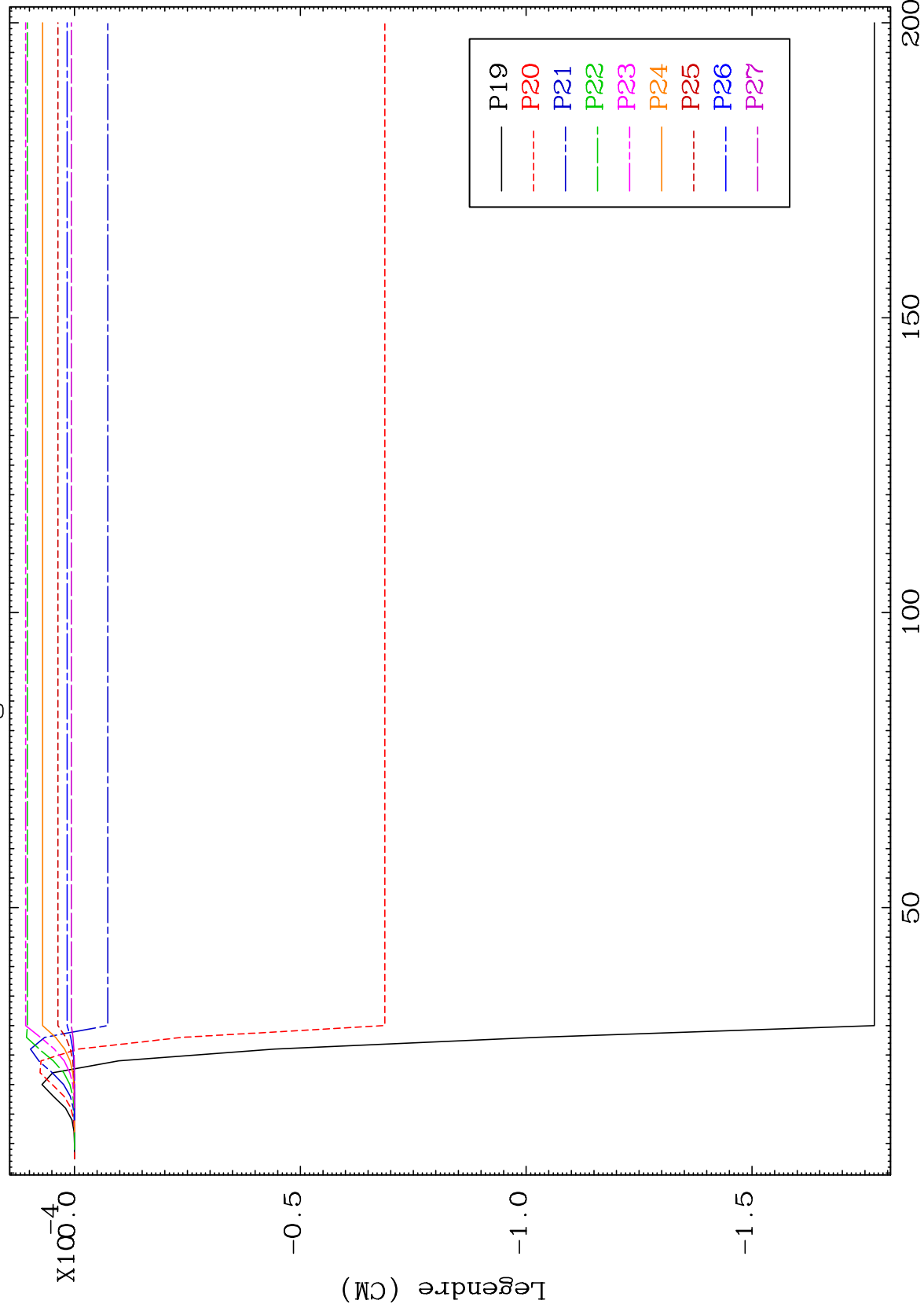
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



114

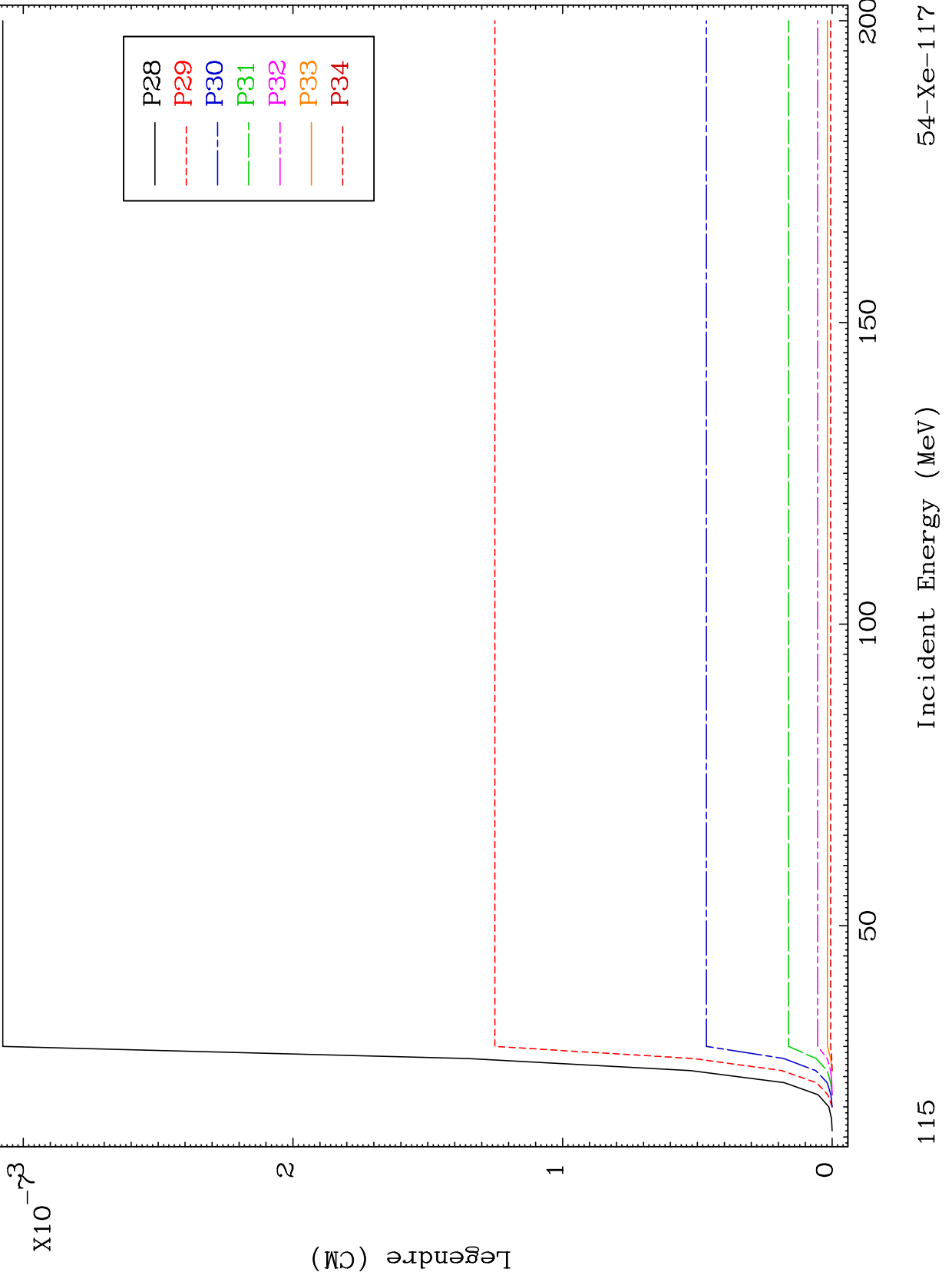
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

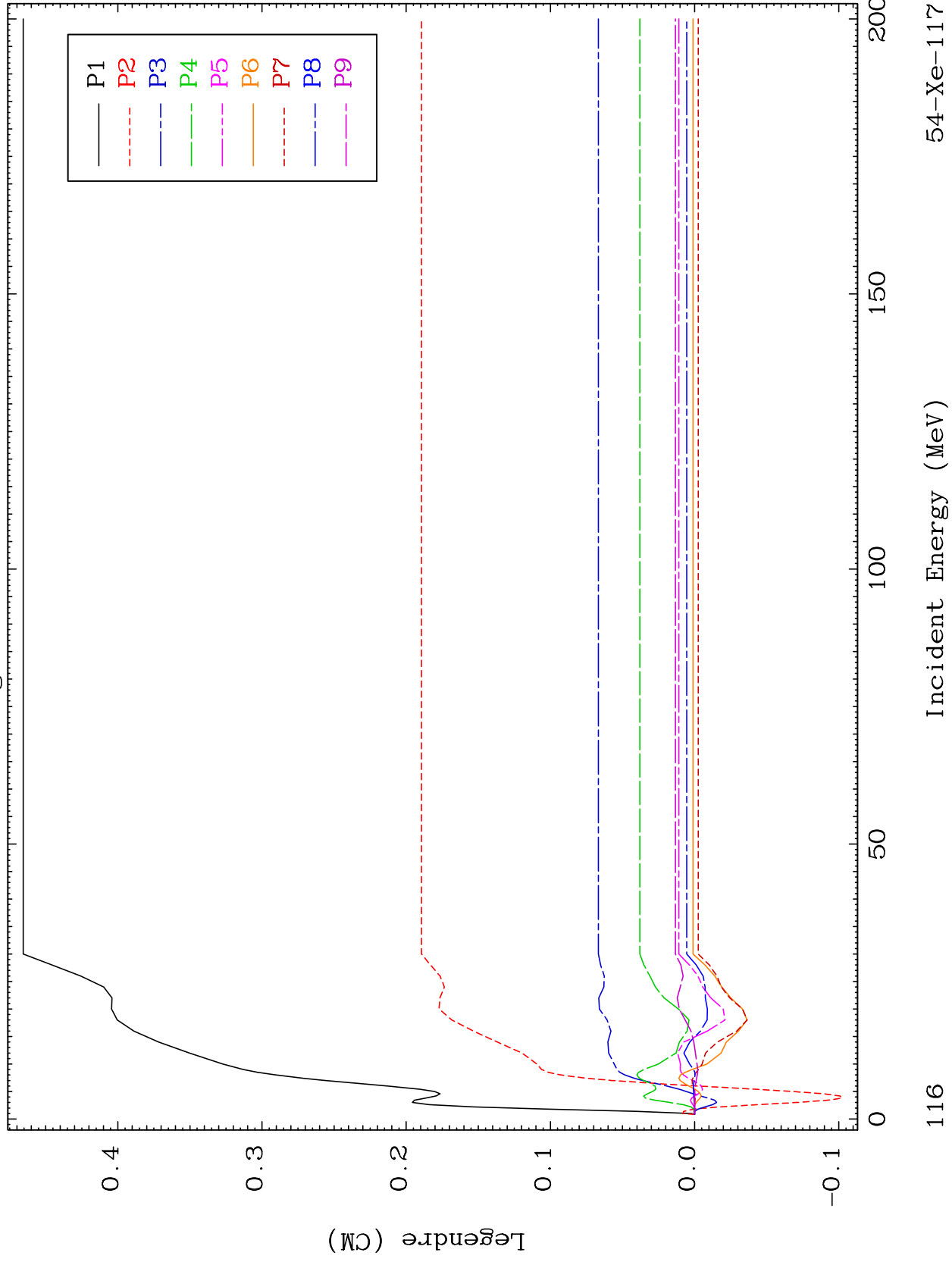
54-Xe-117



MAT 5404

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

54-Xe-117



54-Xe-117

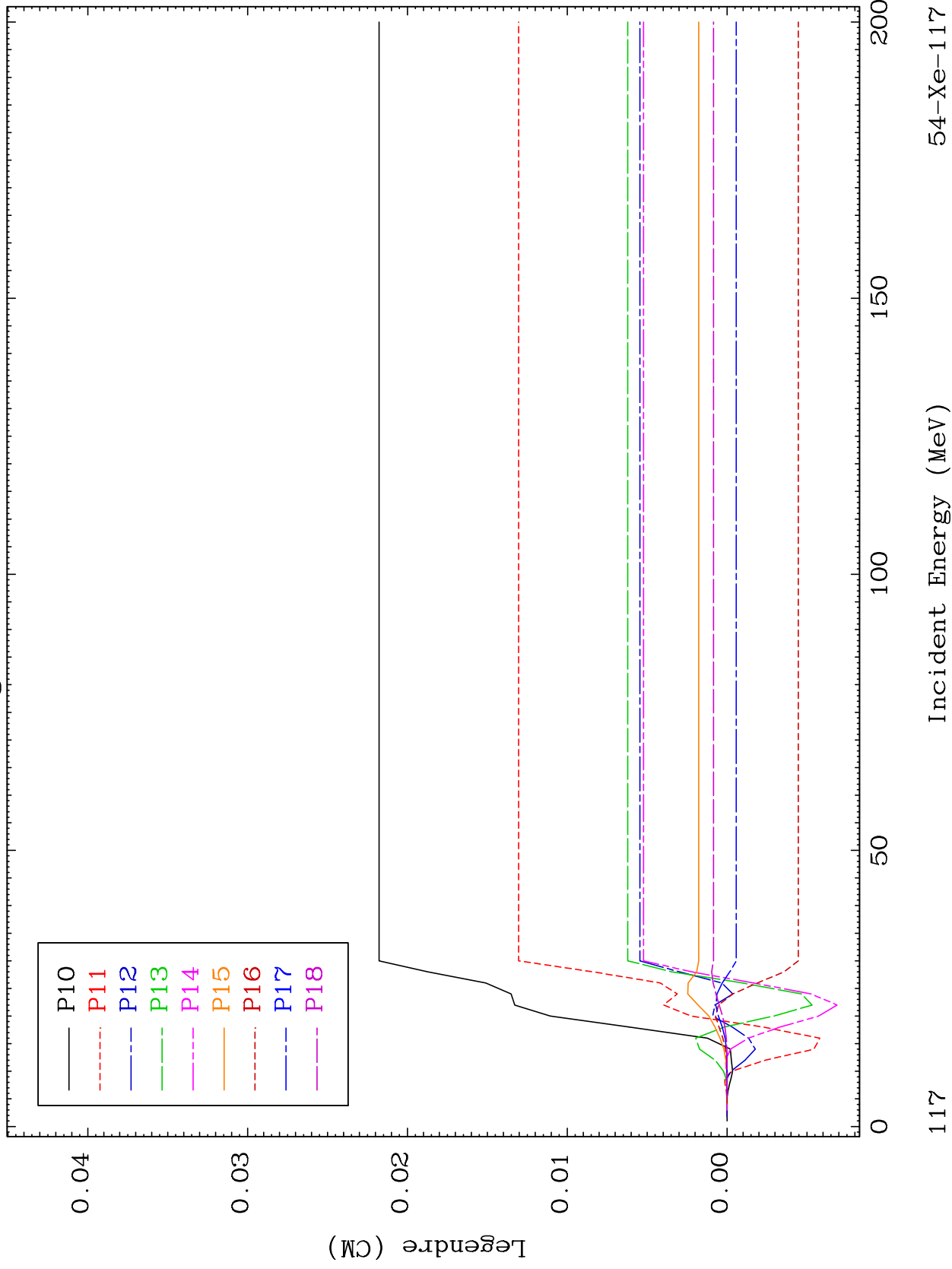
Incident Energy (MeV)

116

MAT 5404

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

54-Xe-117



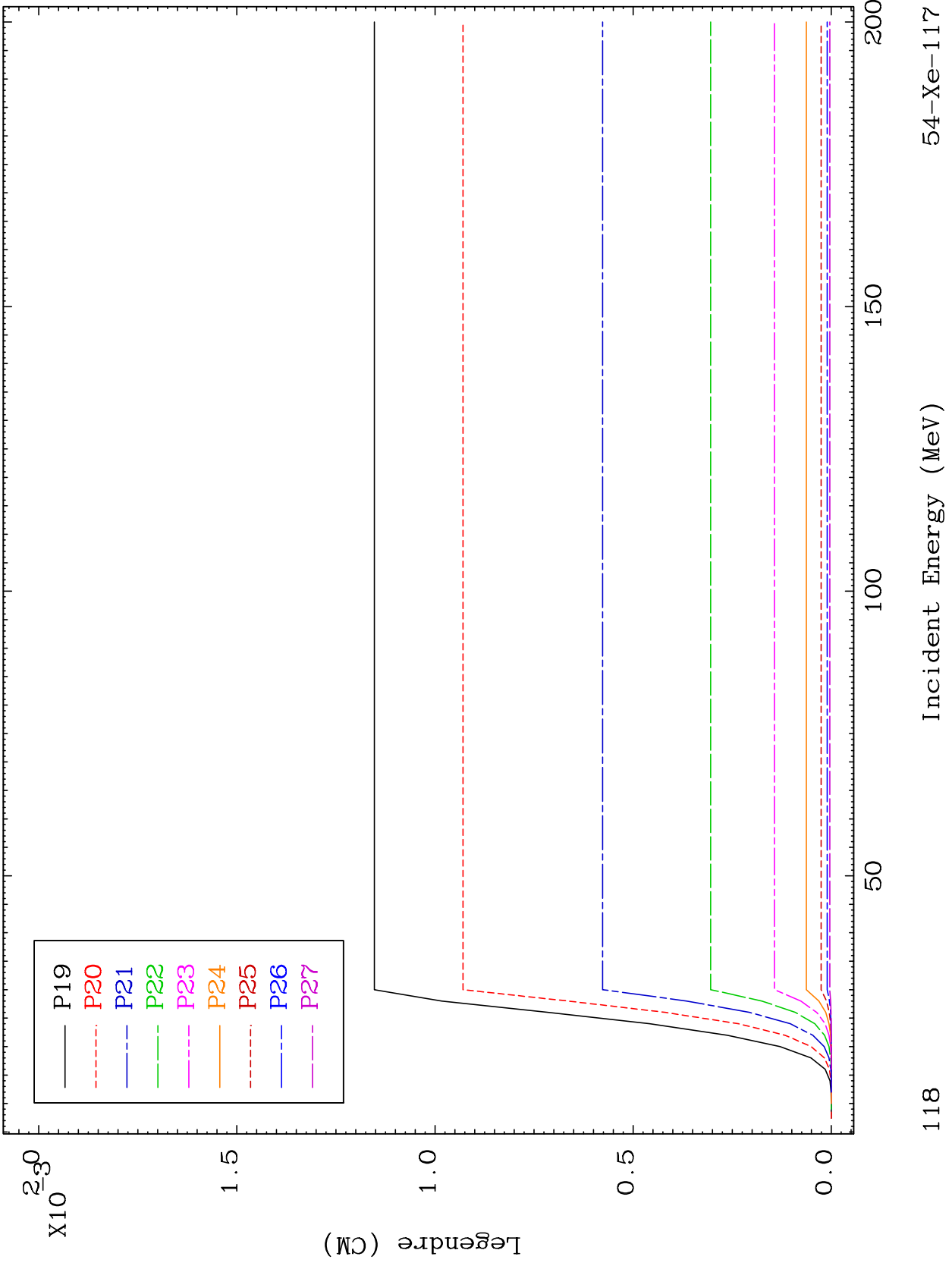
117

54-Xe-117

MAT 5404

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

54-Xe-117



118

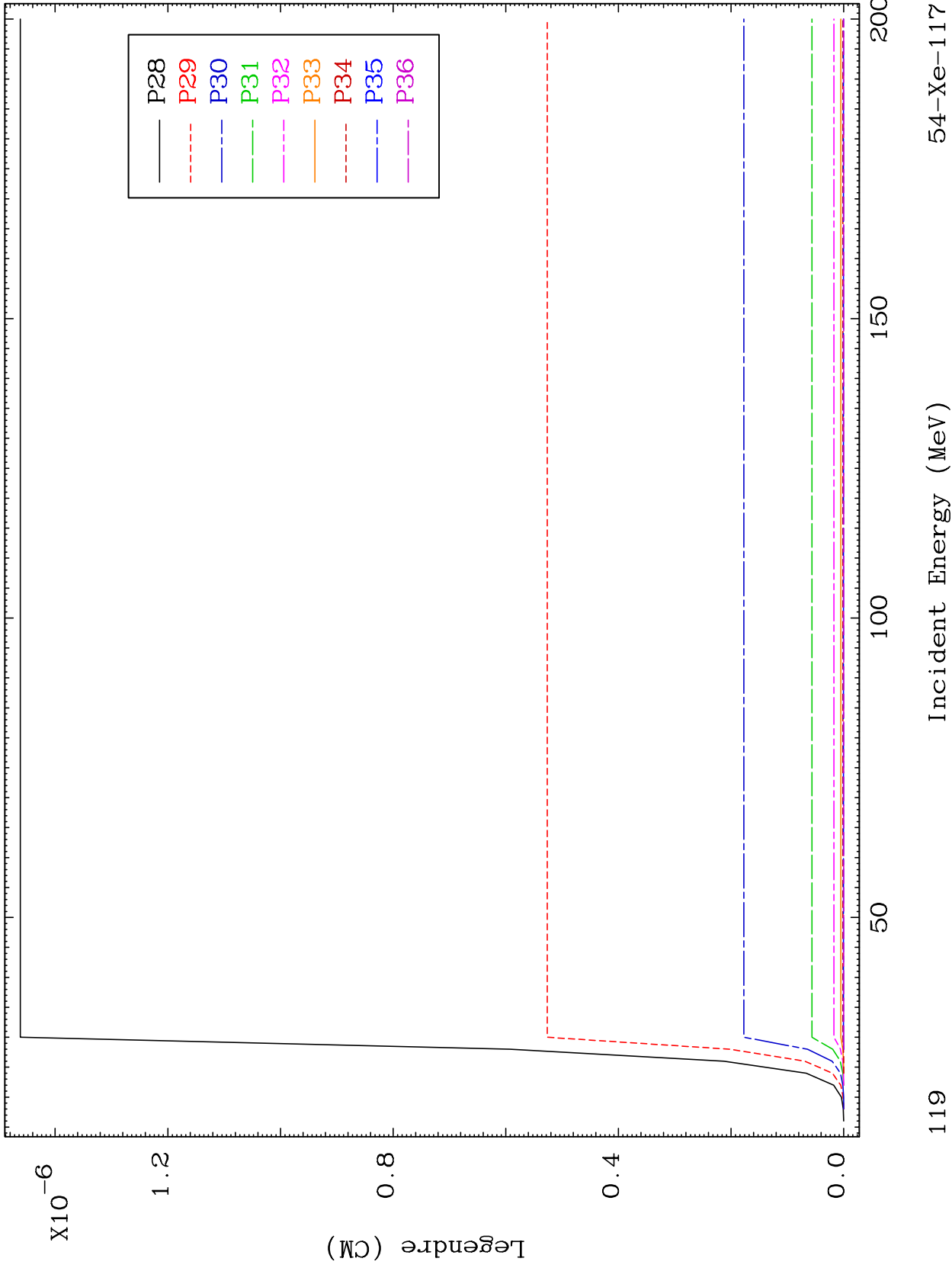
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117

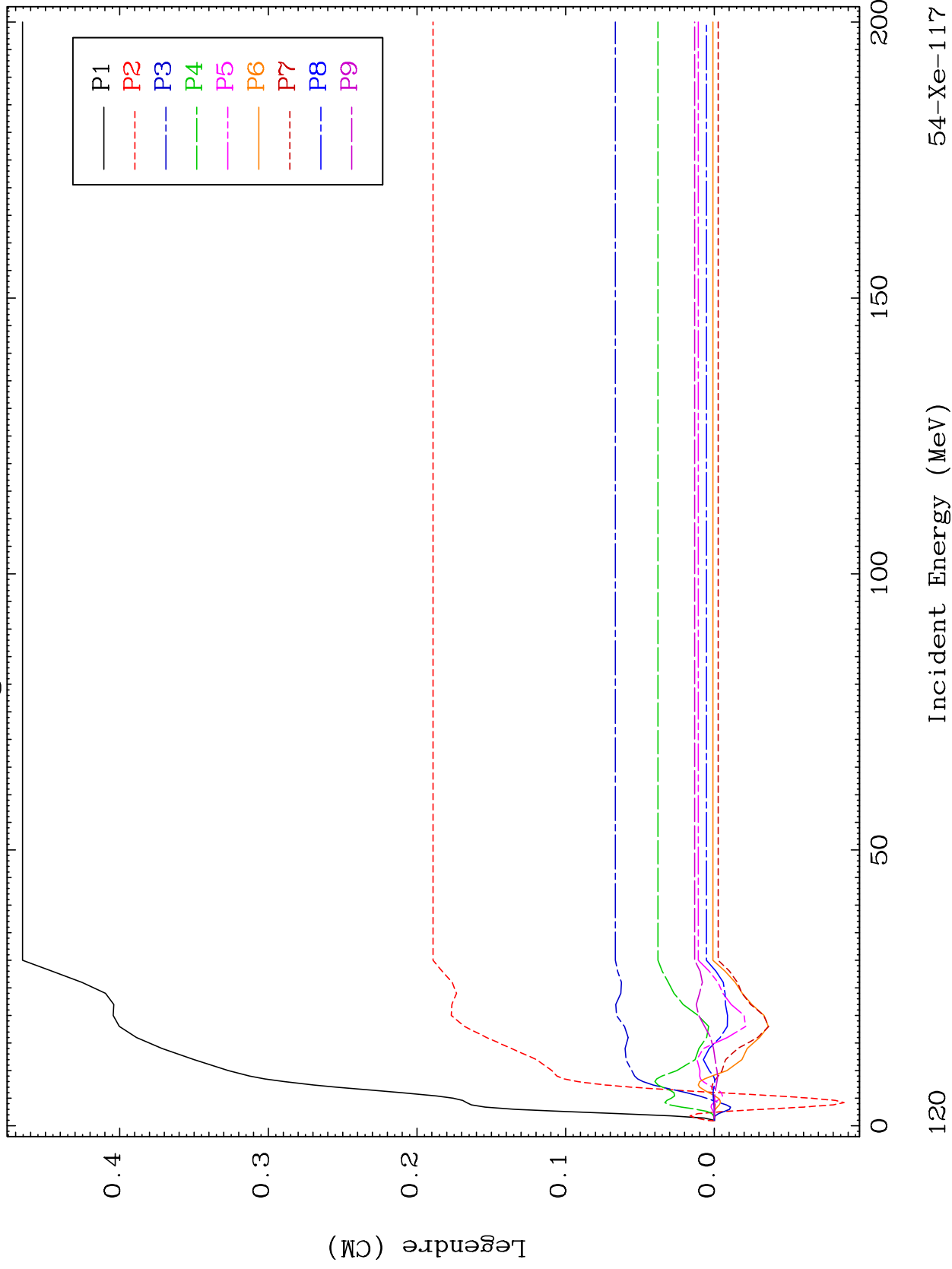


119

MAT 5404

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

54-Xe-117



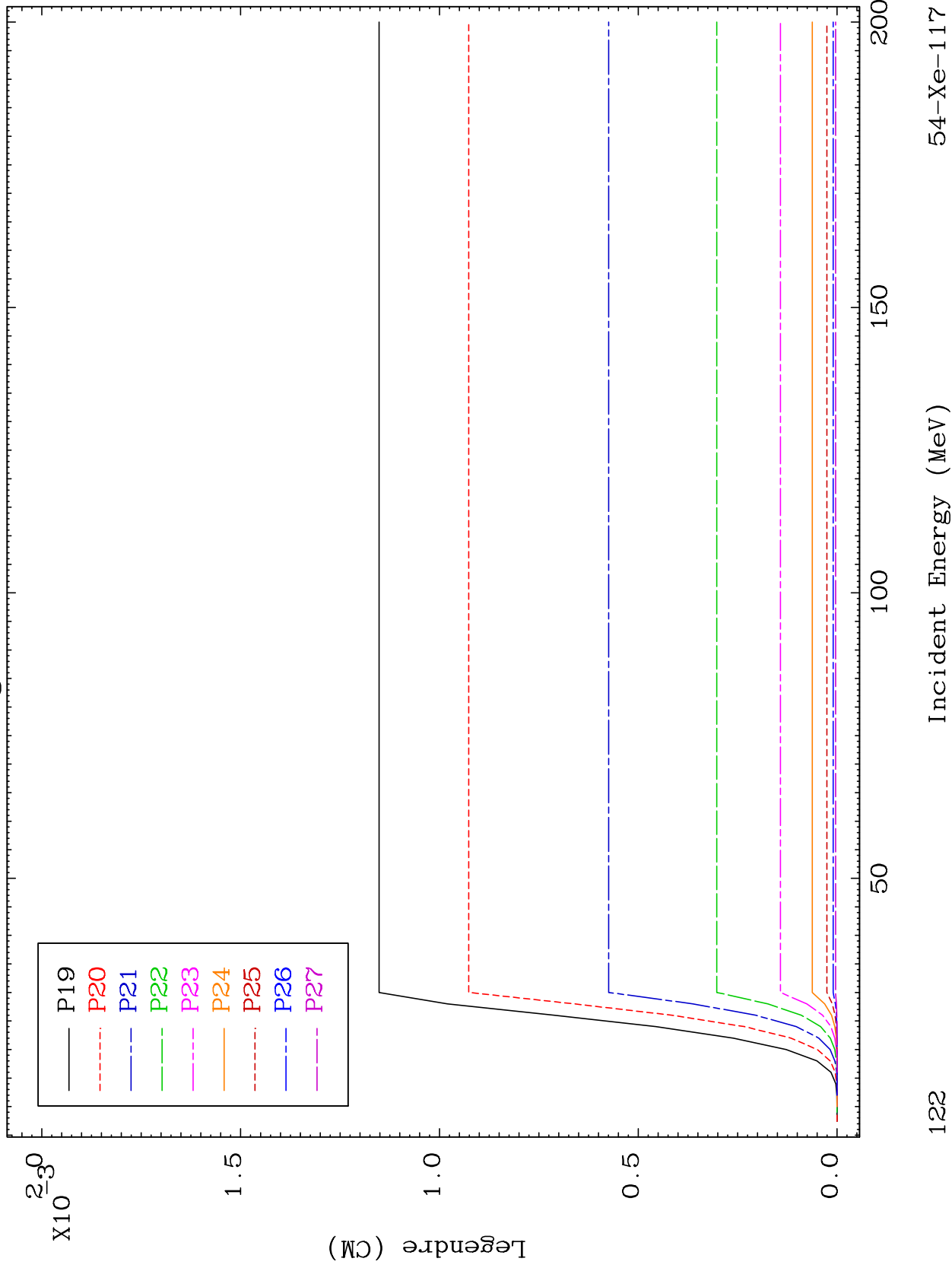
54-Xe-117

Incident Energy (MeV)

MAT 5404

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

54-Xe-117

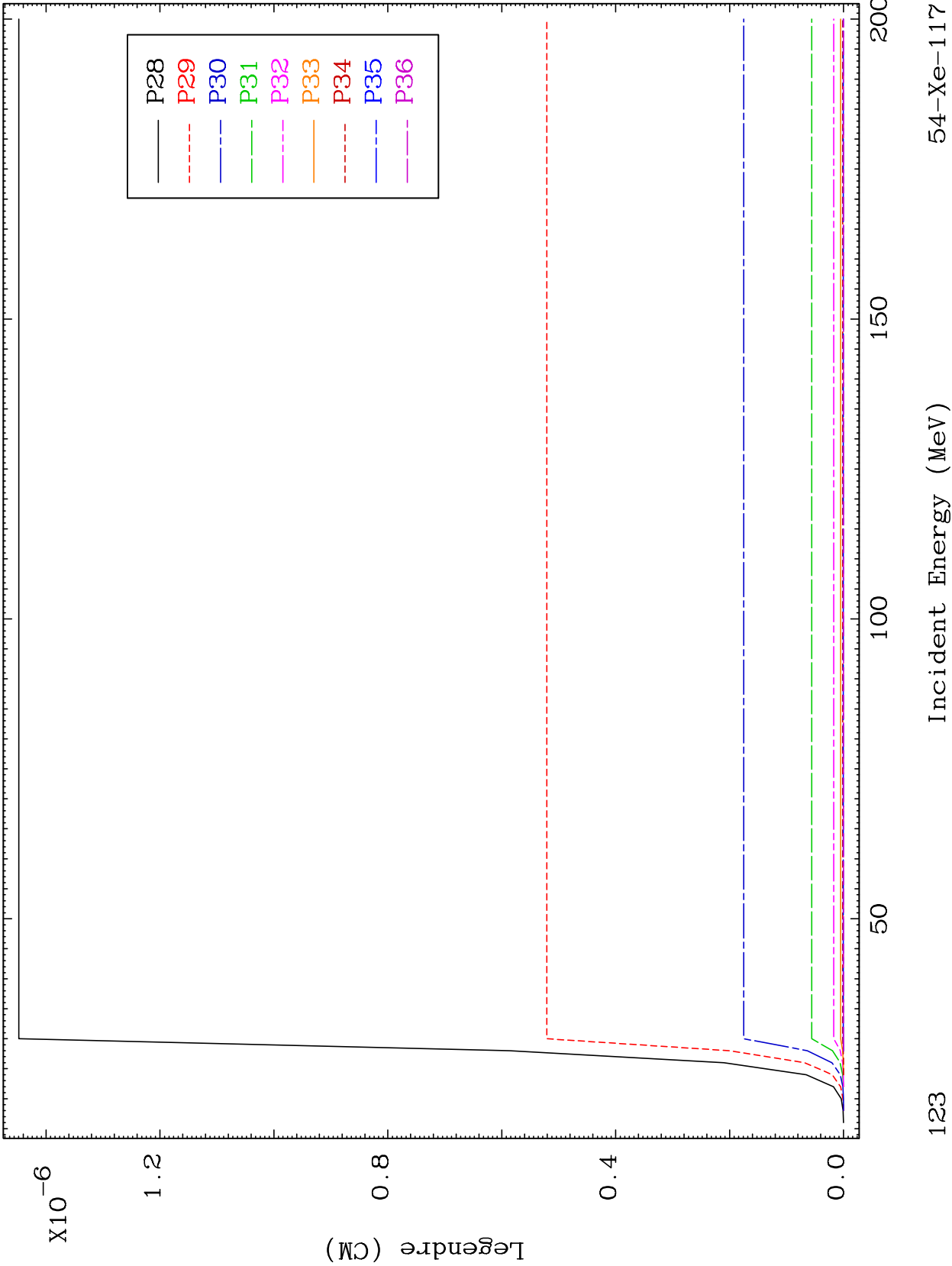


122

MAT 5404

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

54-Xe-117

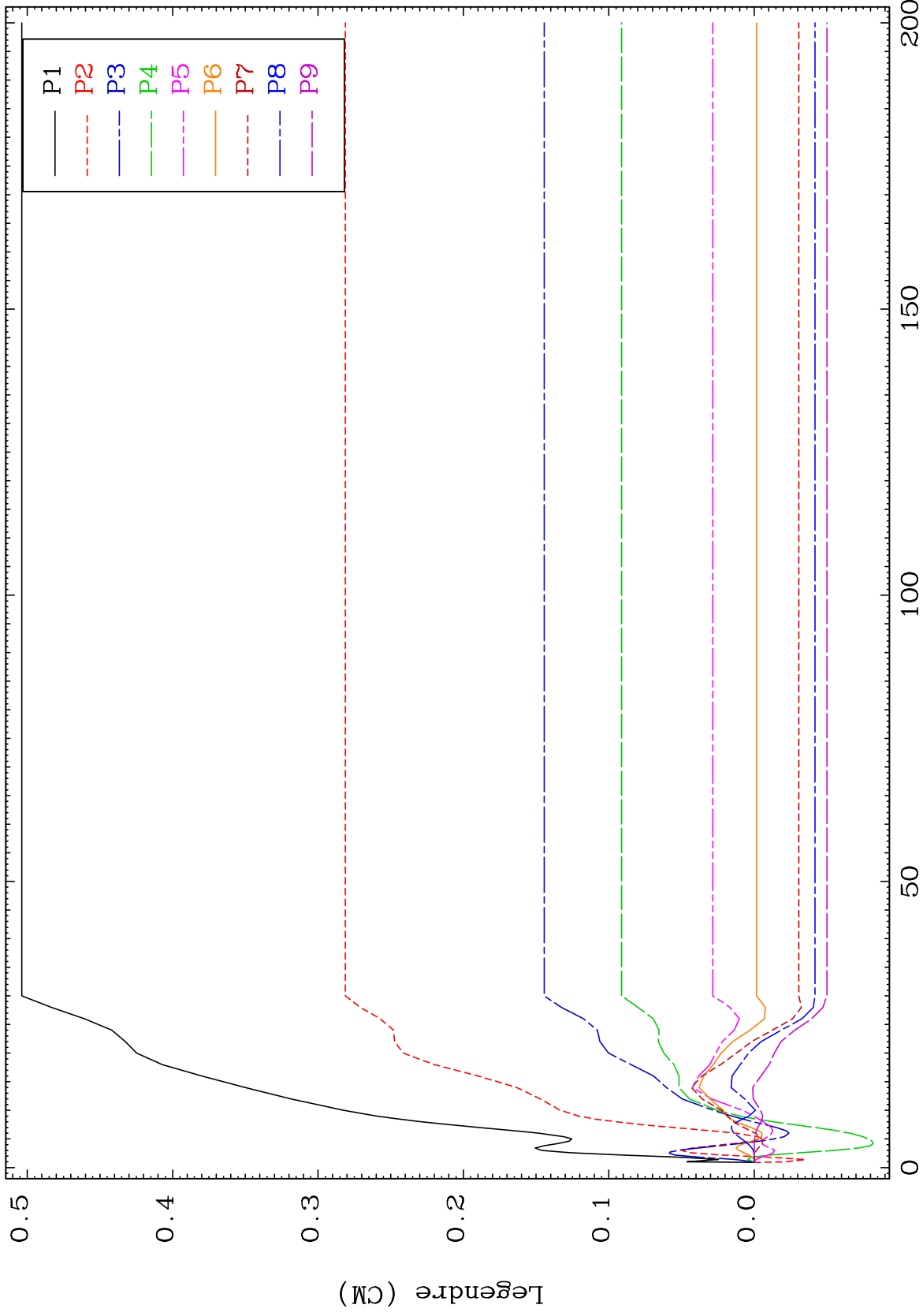


123

MAT 5404

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

54-Xe-117



54-Xe-117

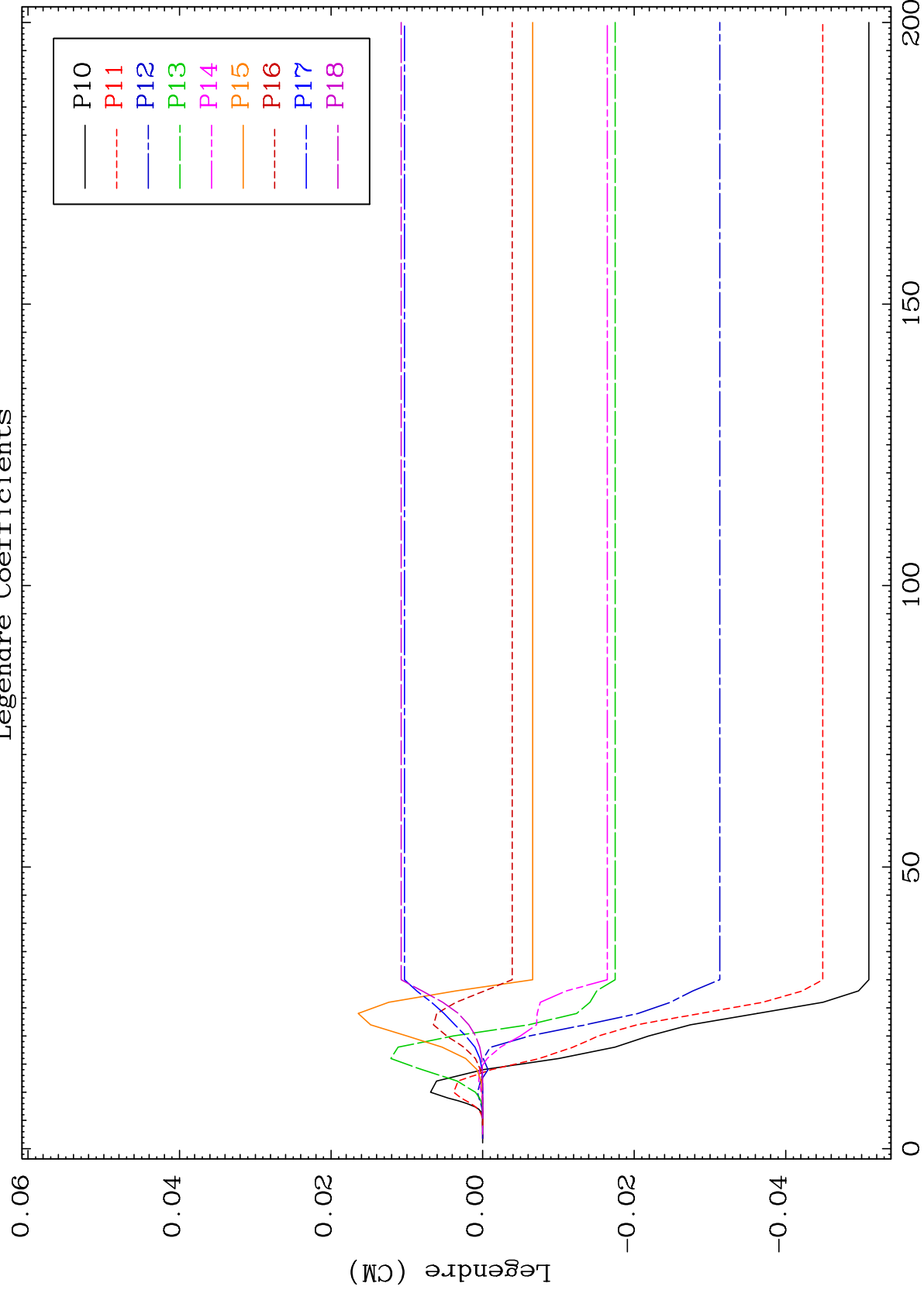
Incident Energy (MeV)

124

MAT 5404

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

54-Xe-117



54-Xe-117

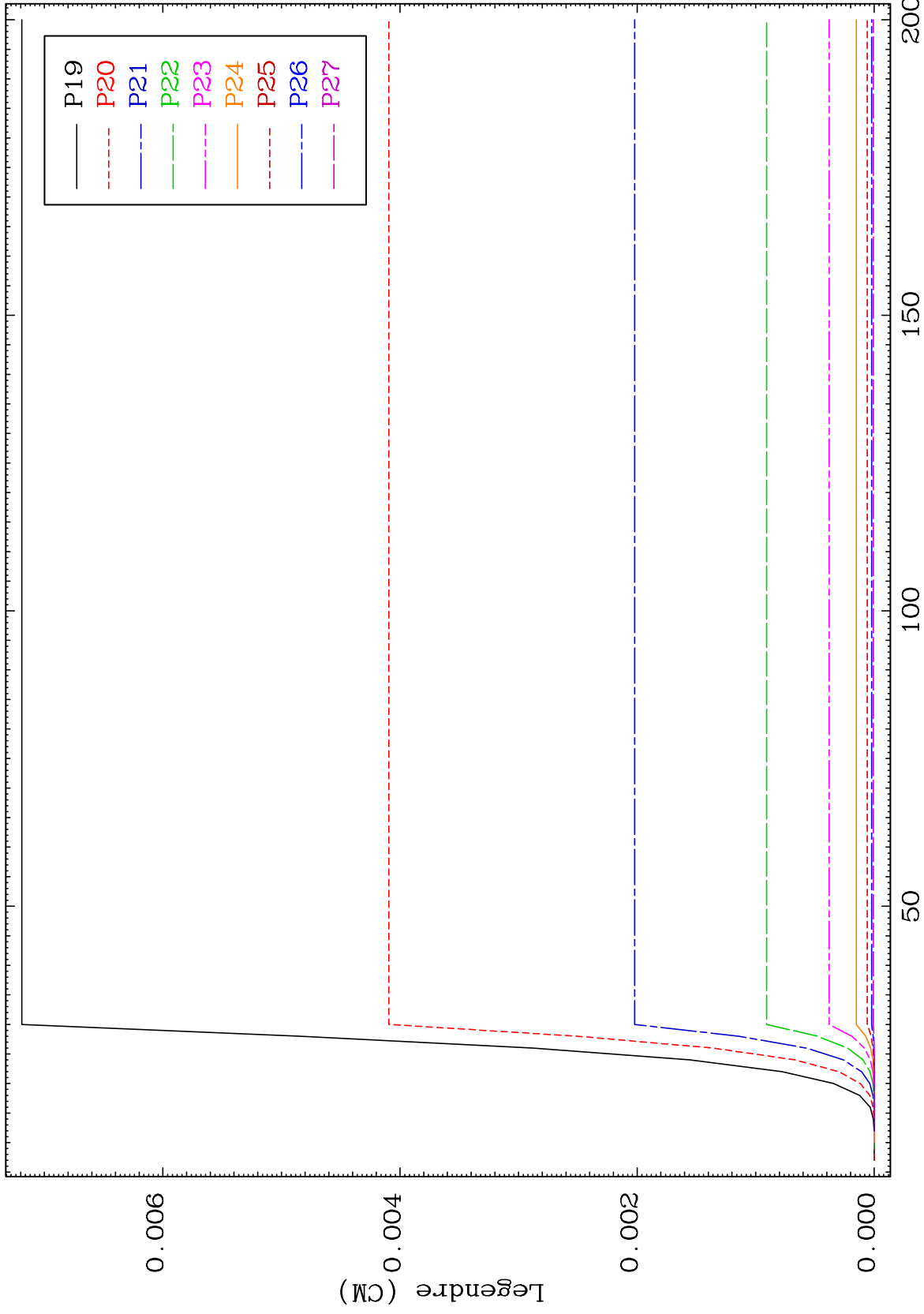
Incident Energy (MeV)

125

MAT 5404

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

54-Xe-117



126

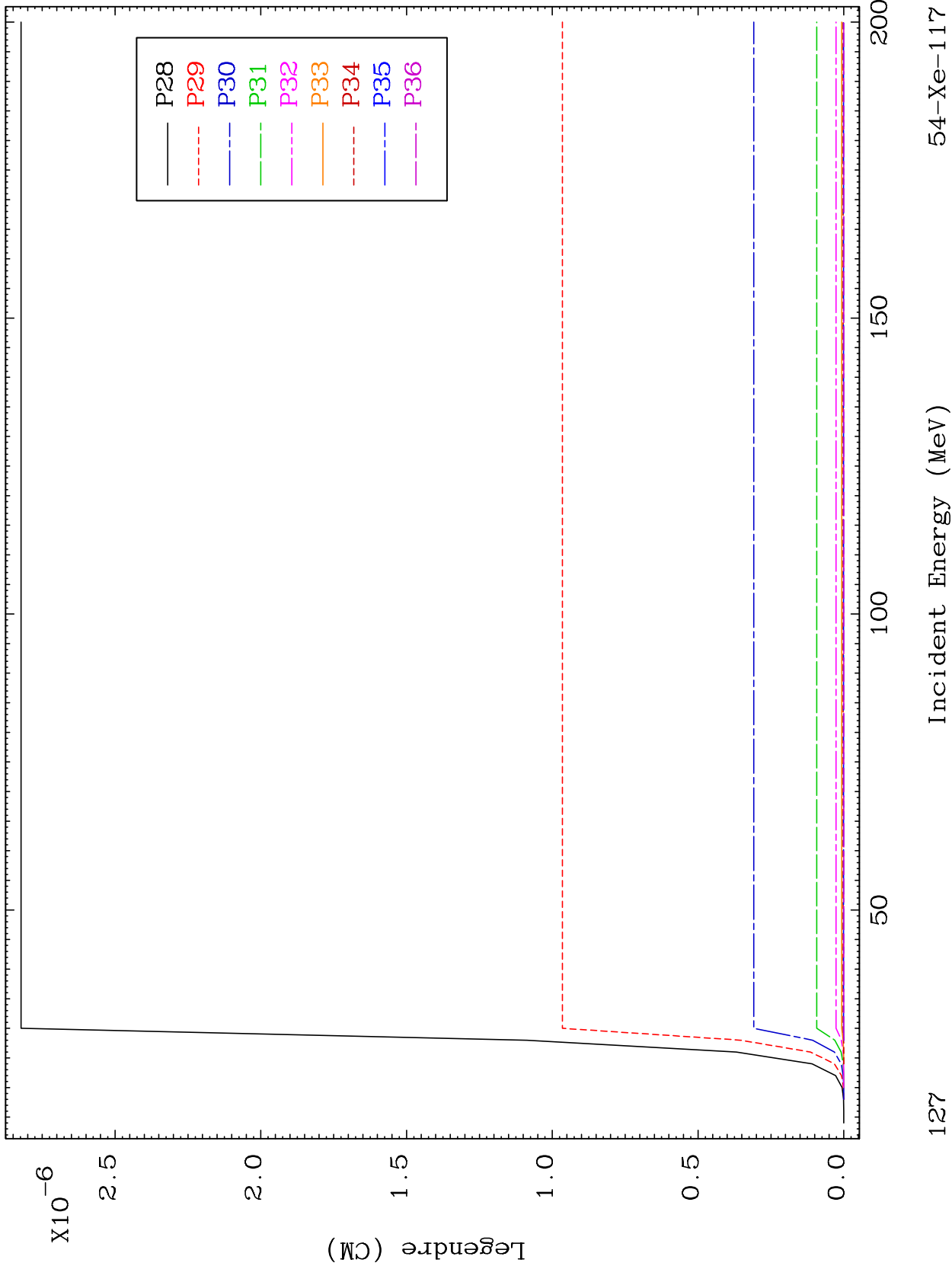
Incident Energy (MeV)

54-Xe-117

MAT 5404

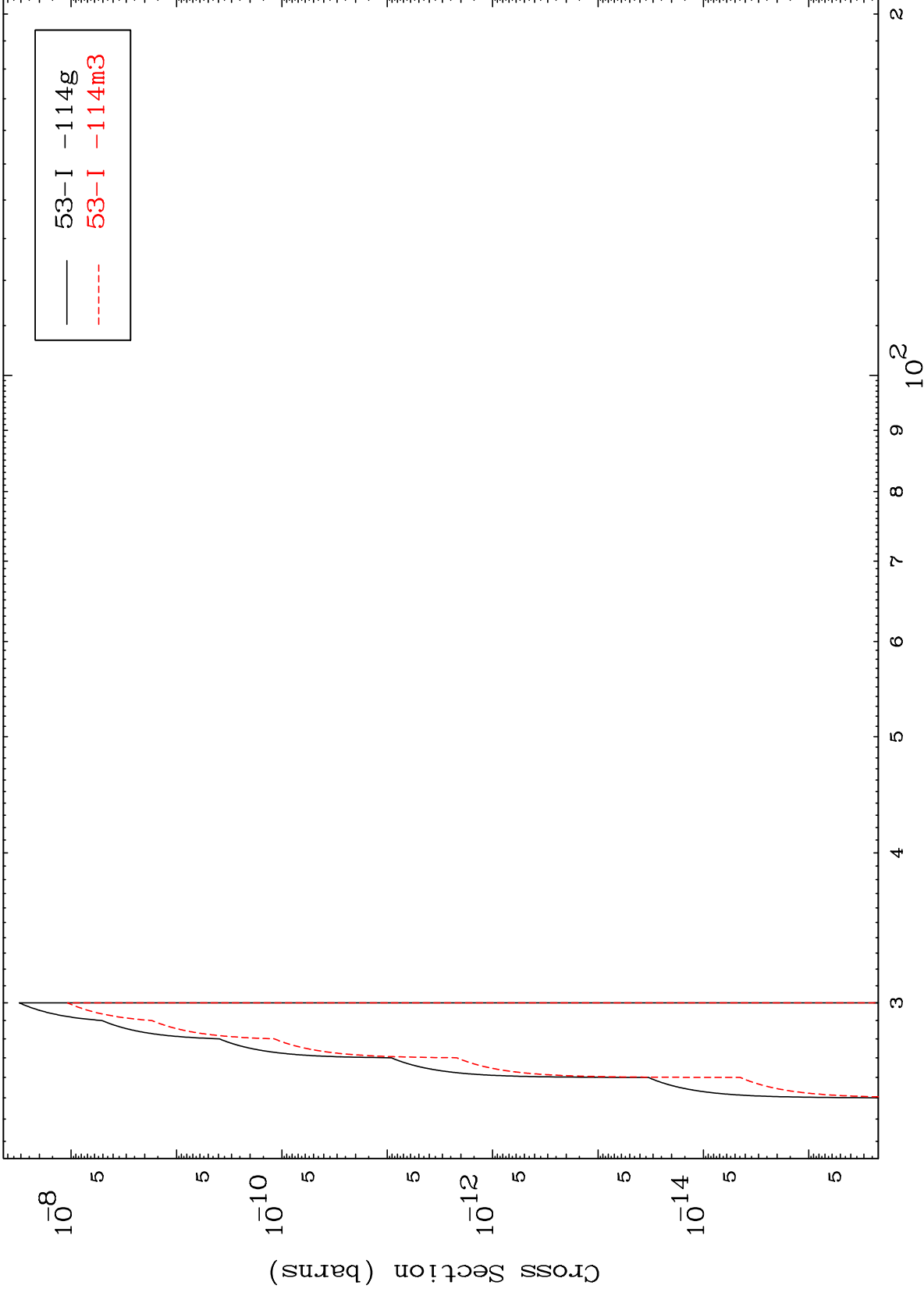
MT= 77 (n,n') Level
Legendre Coefficients

54-Xe-117

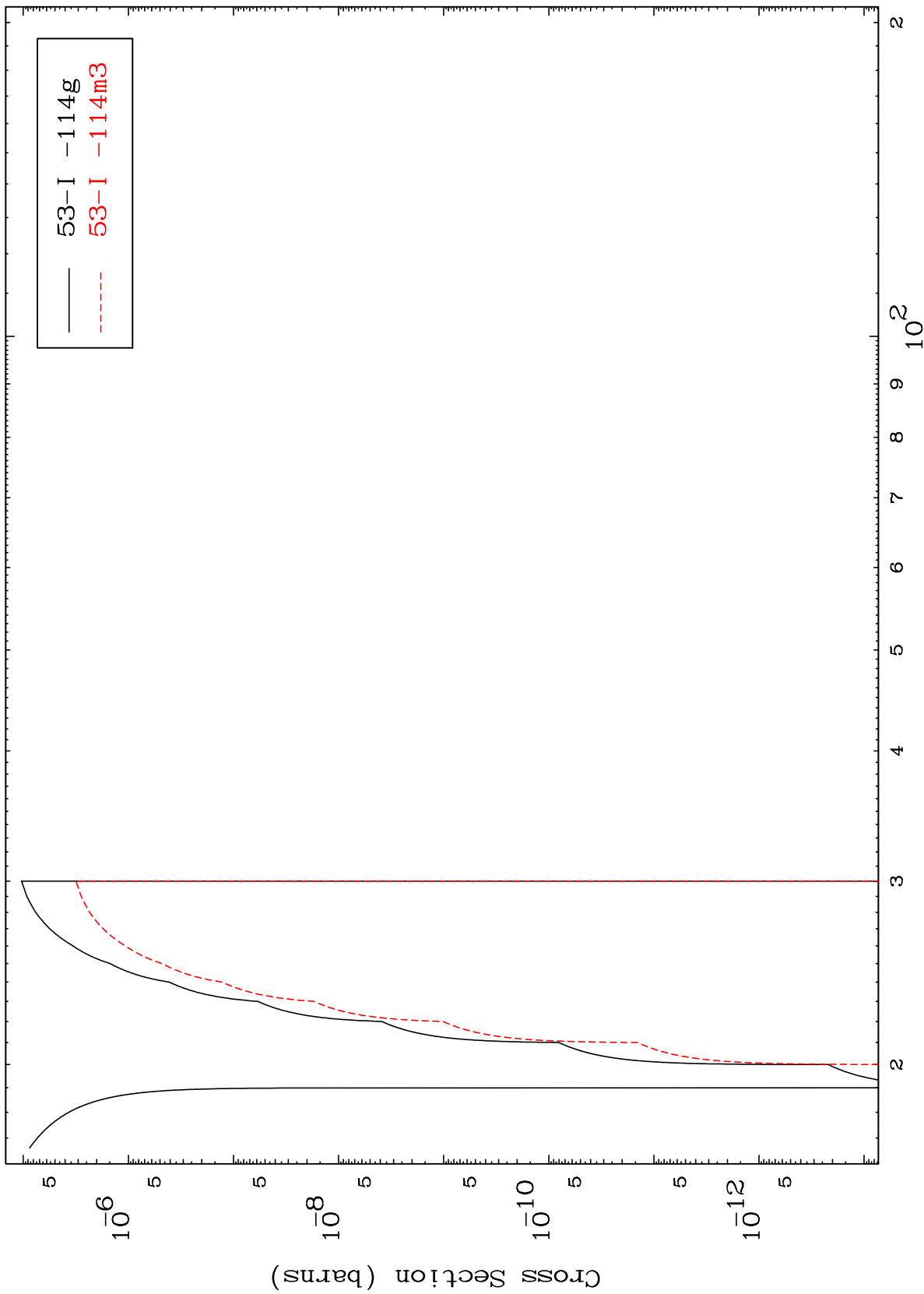


127

Radionuclide Production Cross Section



Radionuclide Production Cross Section



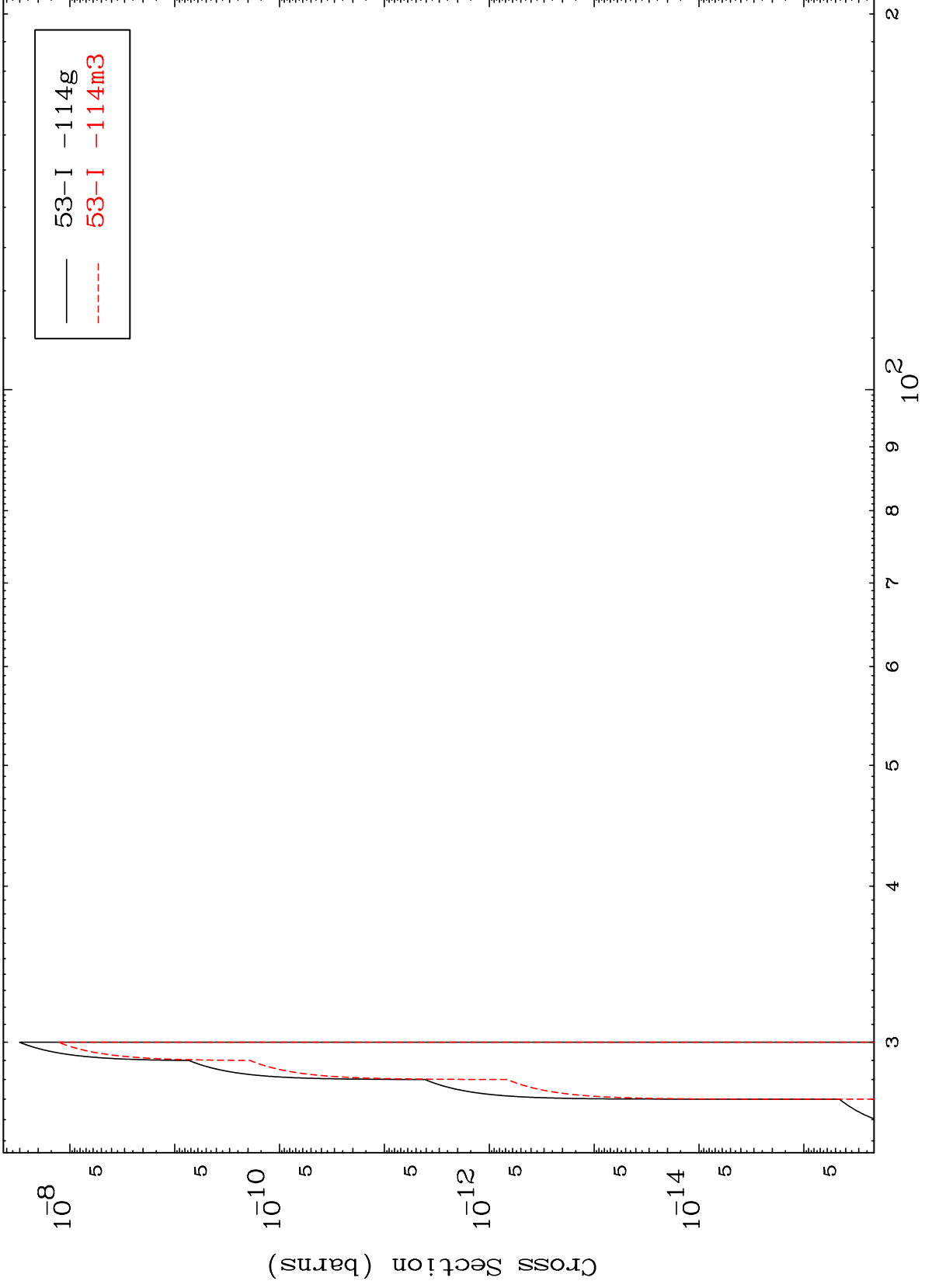
53-I -114g
53-I -114m3

MAT 5404

(n,3n) p

54-Xe-117

Radionuclide Production Cross Section



130

Incident Energy (MeV)

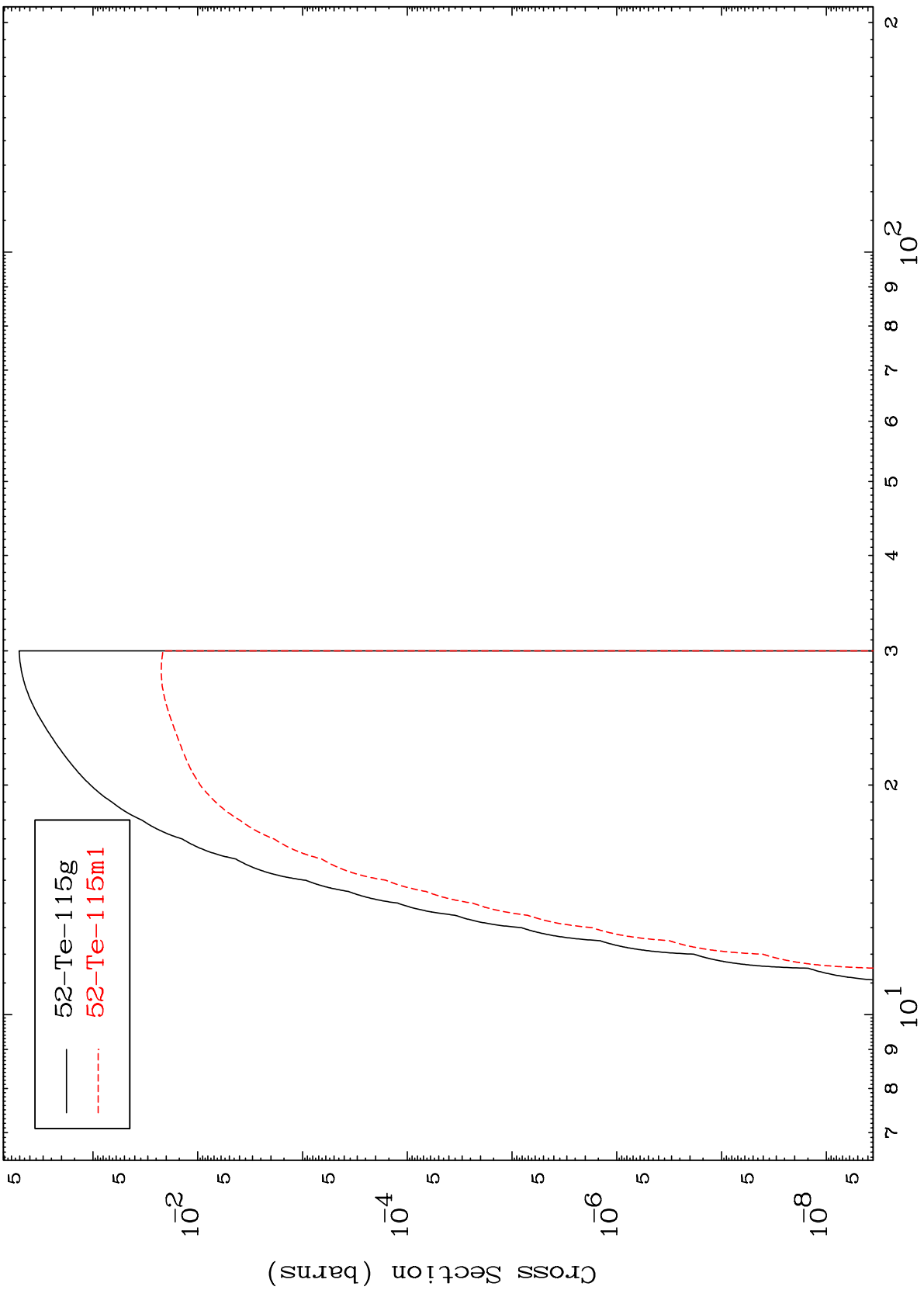
54-Xe-117

MAT 5404

(n,2n) p

54-Xe-117

Radionuclide Production Cross Section



52-Te-115g
52-Te-115m1

131

Incident Energy (MeV)

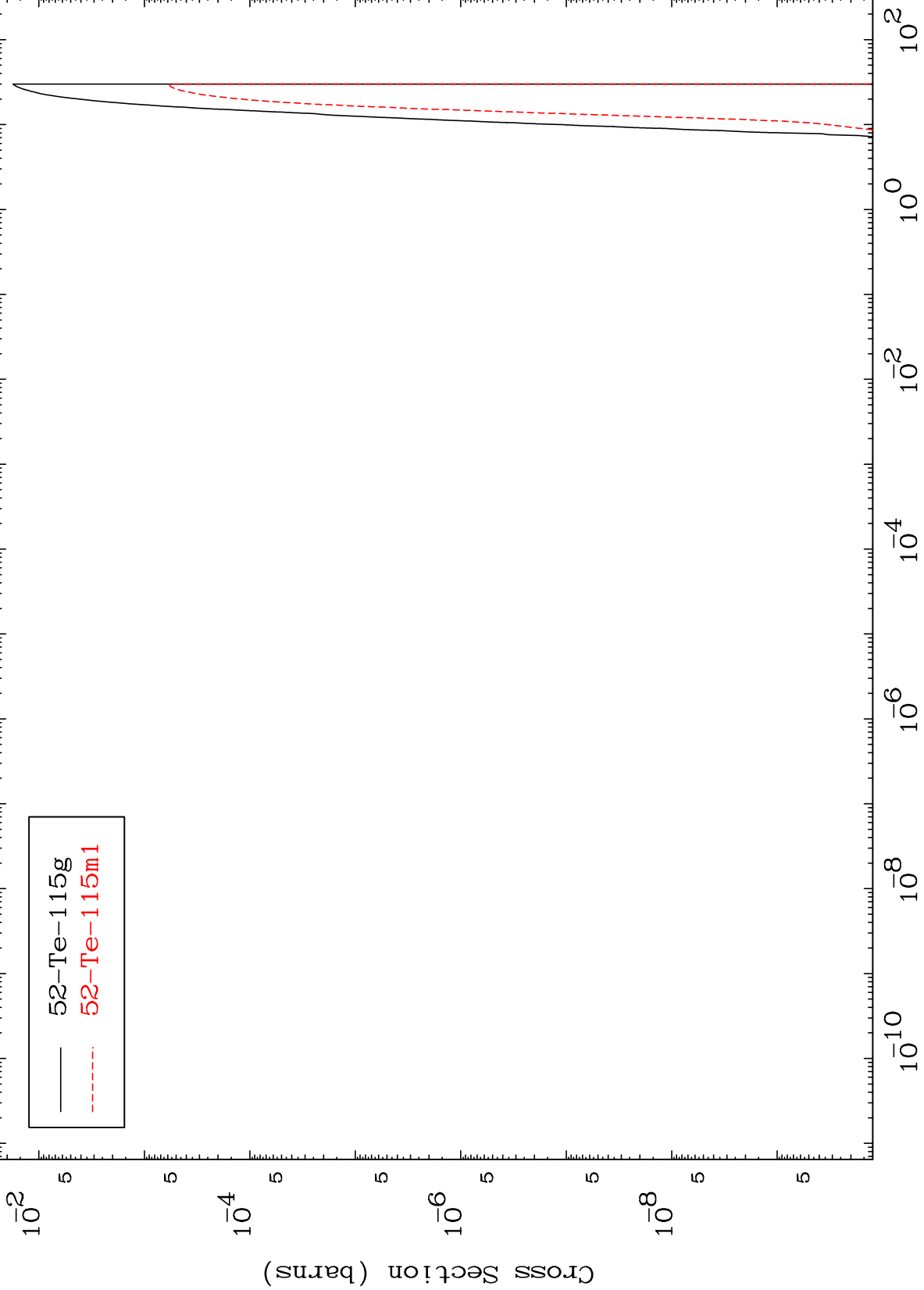
54-Xe-117

MAT 5404

(n,He-3)

54-Xe-117

Radionuclide Production Cross Section

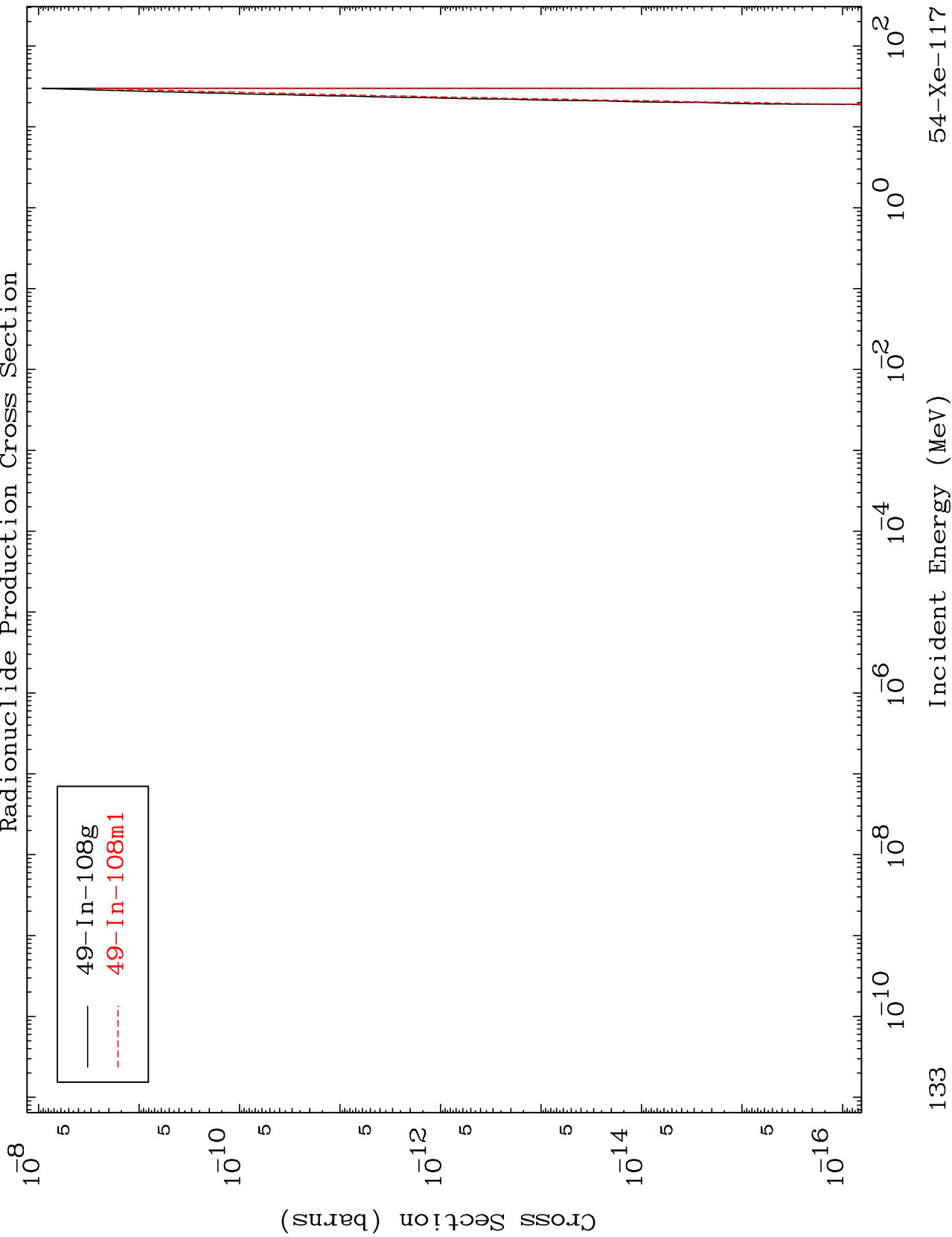


MAT 5404

(n,d) 2 α

54-Xe-117

Radionuclide Production Cross Section

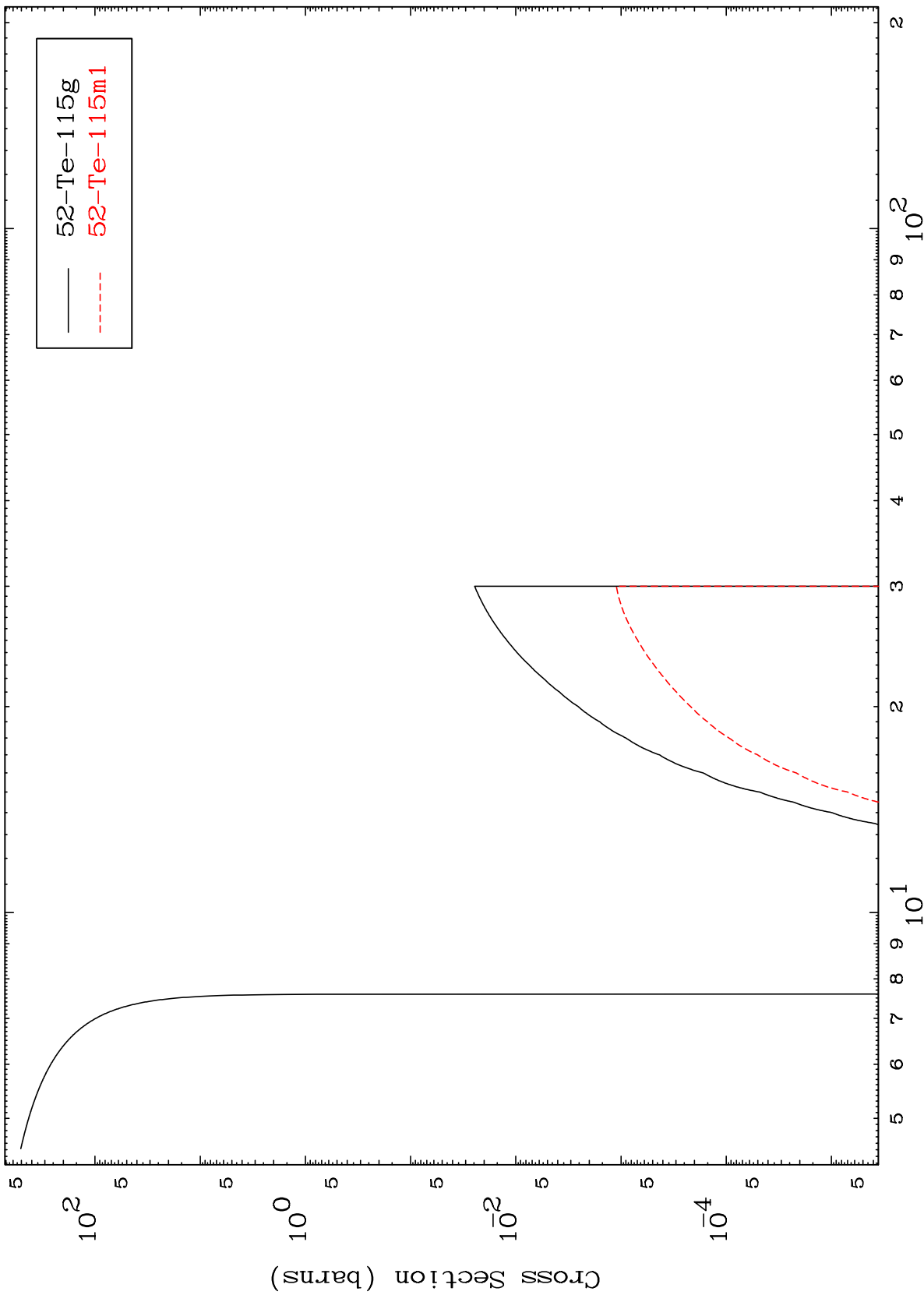


MAT 5404

(n,p) d

54-Xe-117

Radionuclide Production Cross Section



134

Incident Energy (MeV)

54-Xe-117