

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

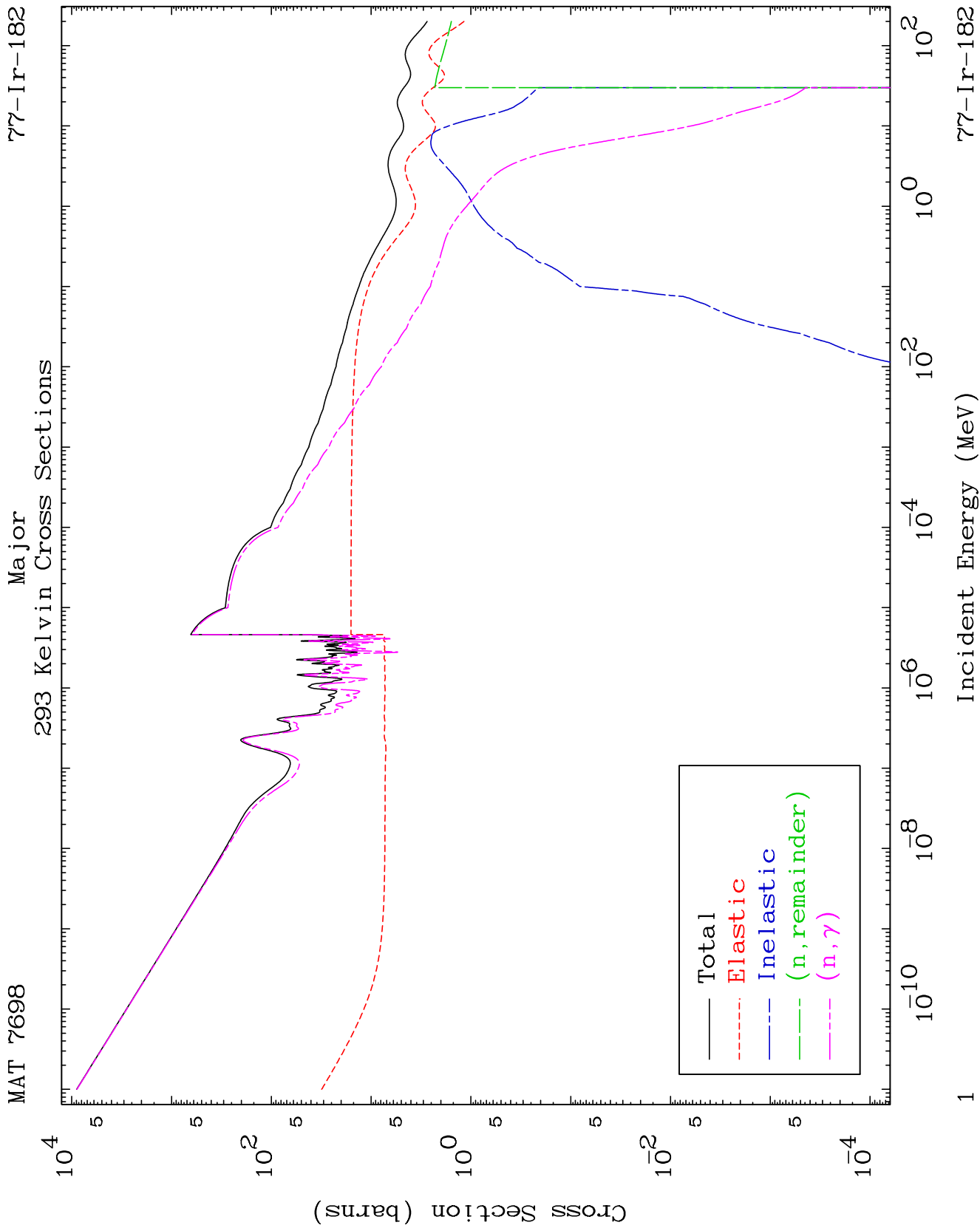
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

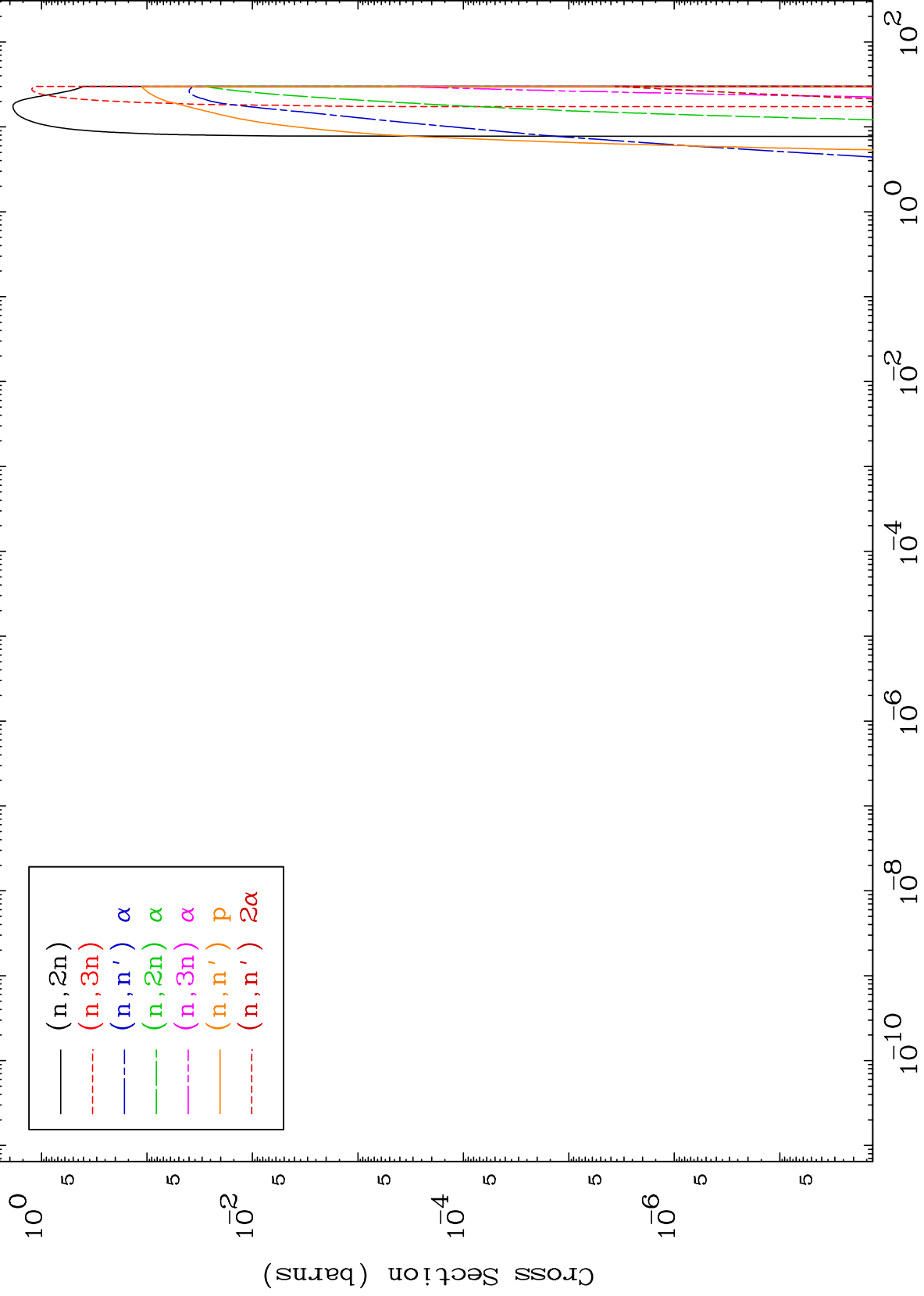
Press Mouse Button to Start



MAT 7698

Neutron Production
293 Kelvin Cross Sections

77-Ir-182



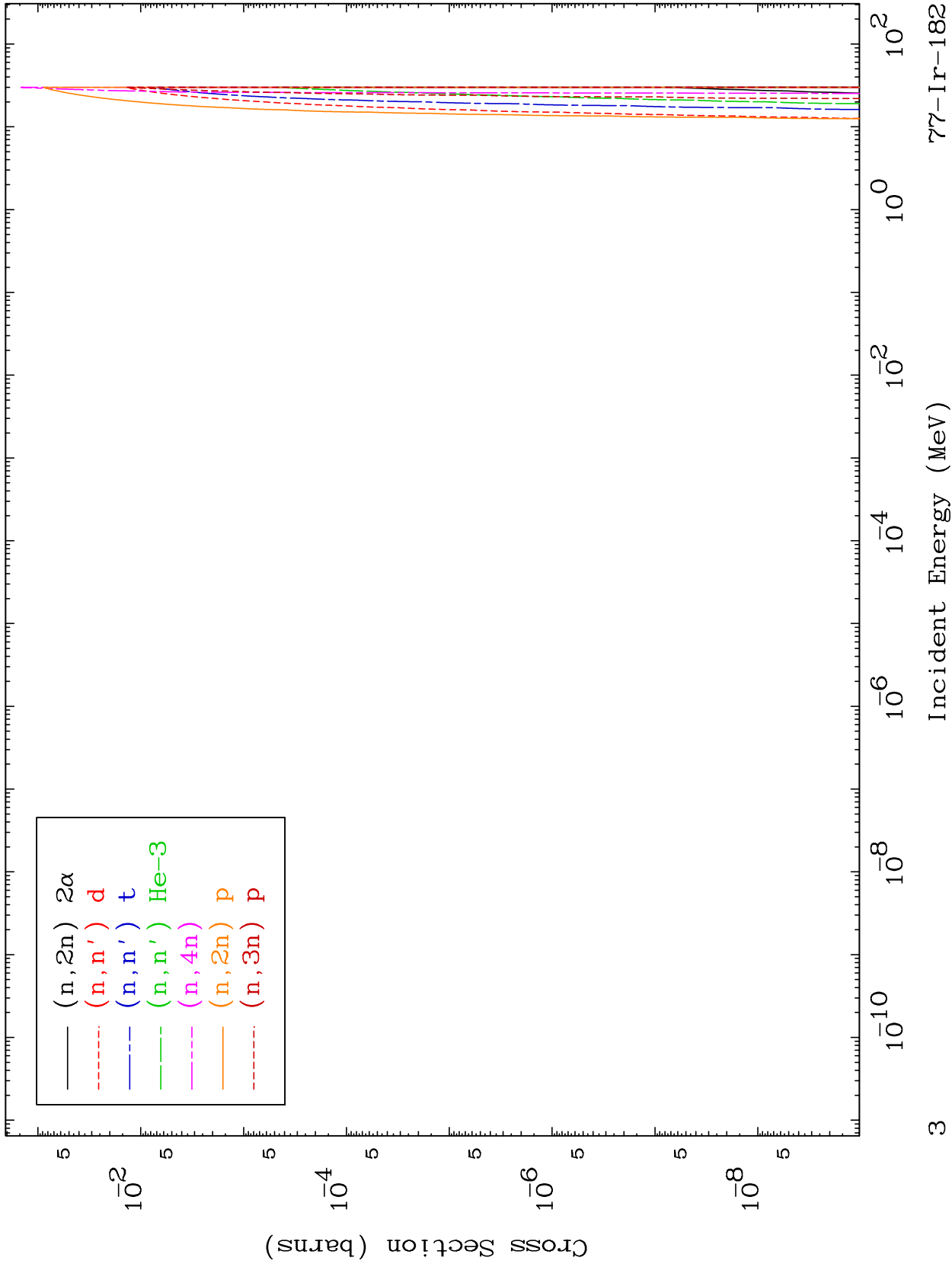
77-Ir-182

Incident Energy (MeV)

MAT 7698

Neutron Production
293 Kelvin Cross Sections

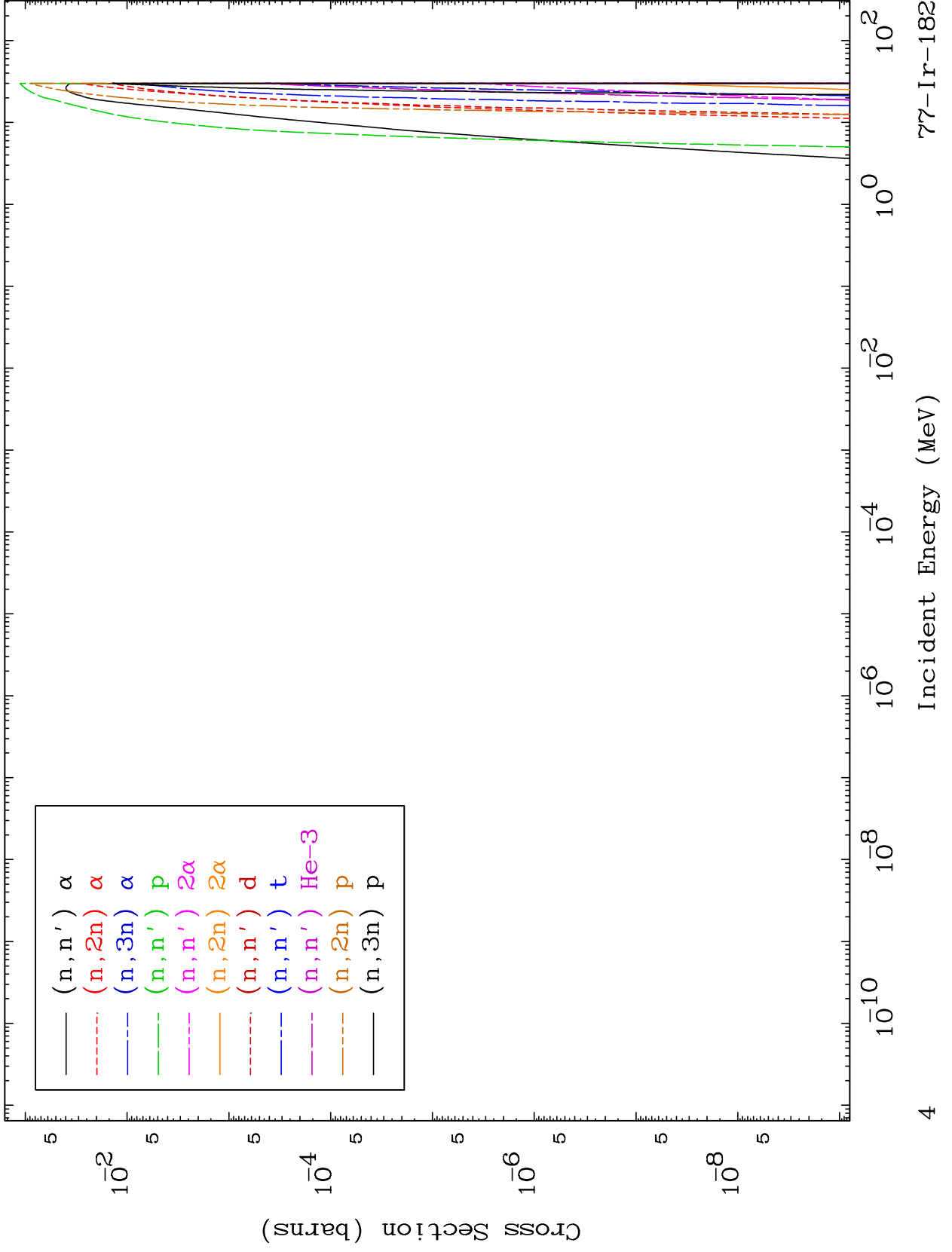
77-Ir-182



MAT 7698

Charged Particle
293 Kelvin Cross Sections

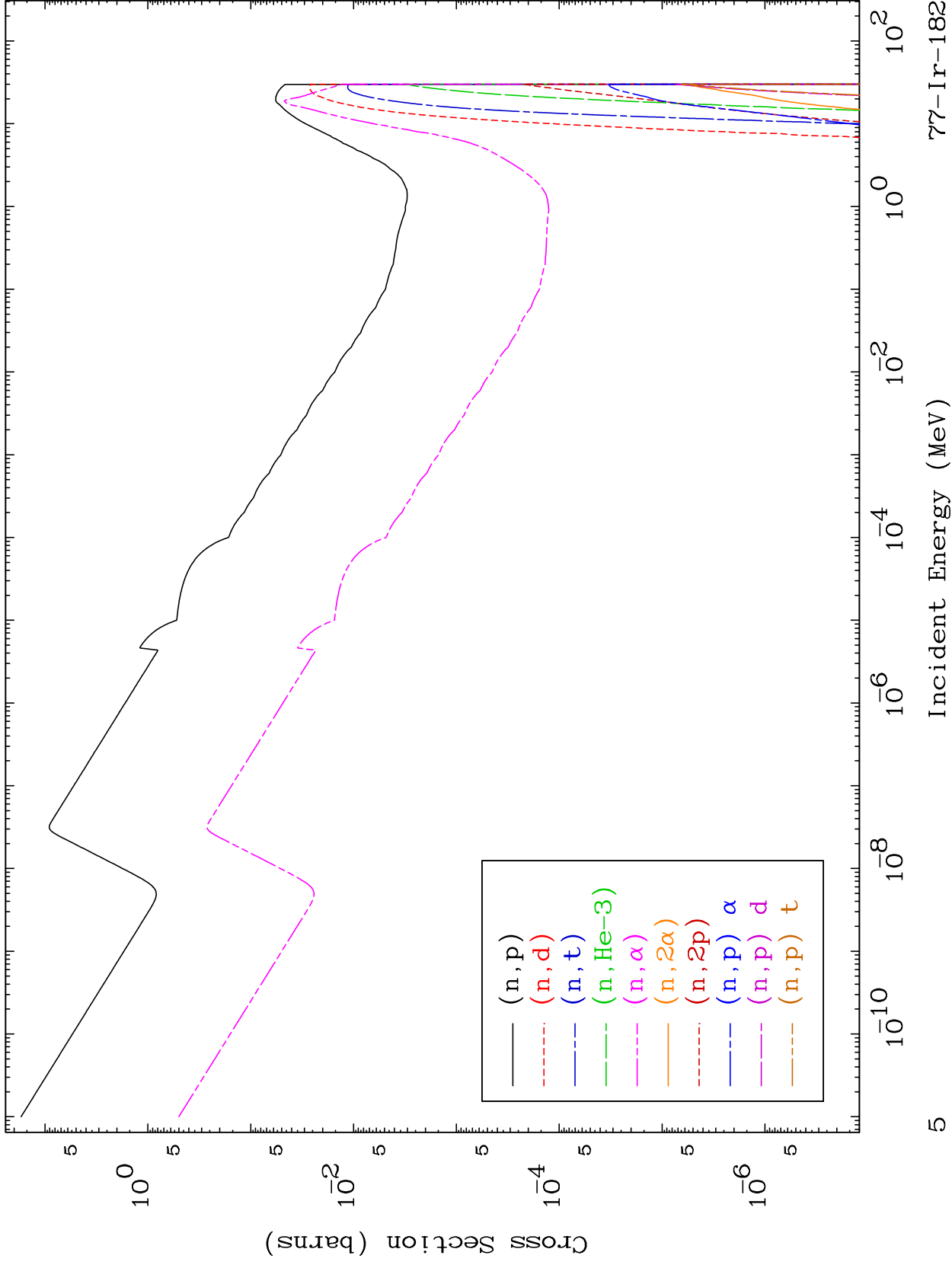
77-Ir-182



MAT 7698

Charged Particle
293 Kelvin Cross Sections

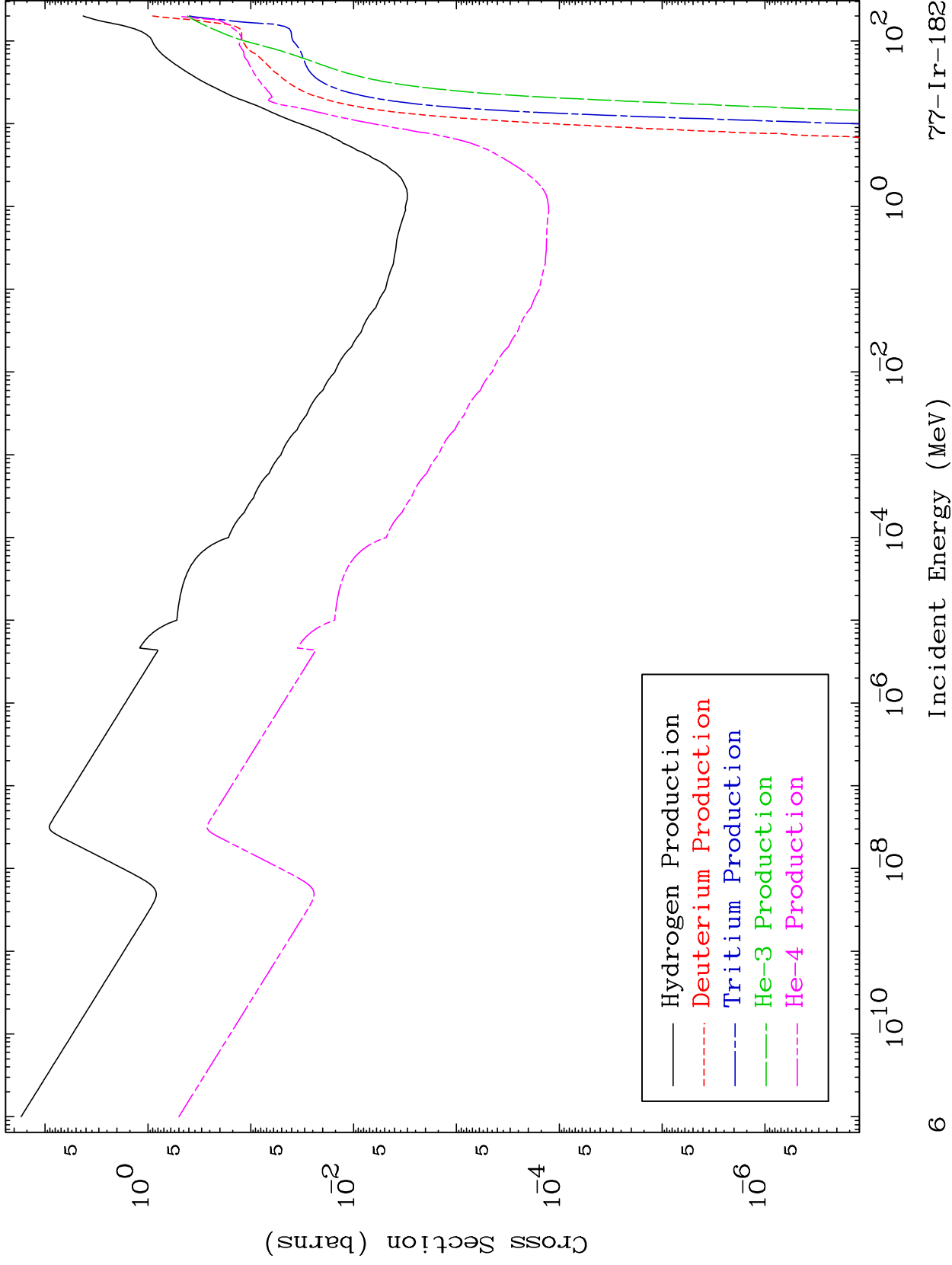
77-Ir-182



MAT 7698

Particle Production
293 Kelvin Cross Sections

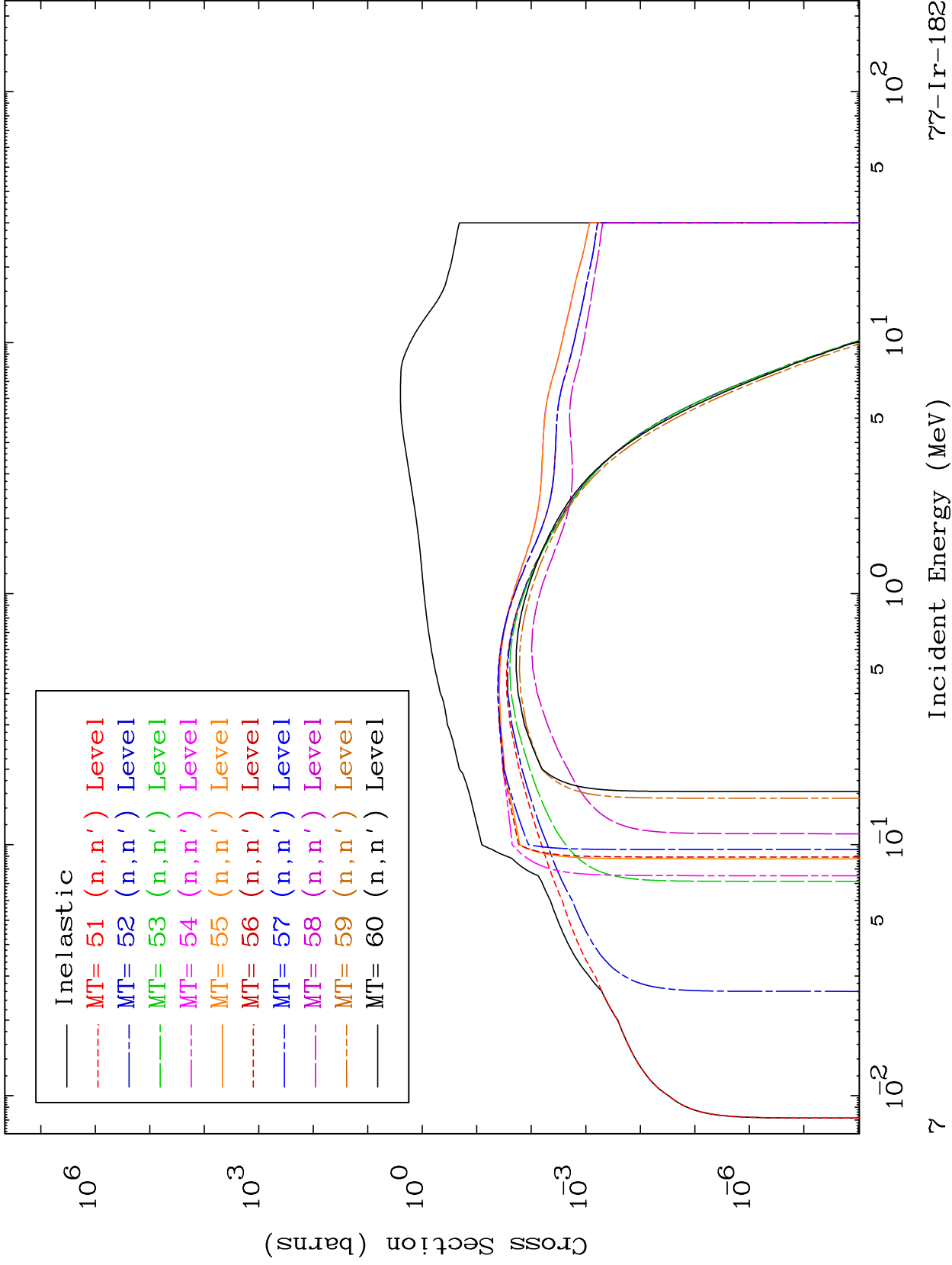
77-Ir-182



MAT 7698

(n,n') Level
293 Kelvin Cross Sections

77-Ir-182

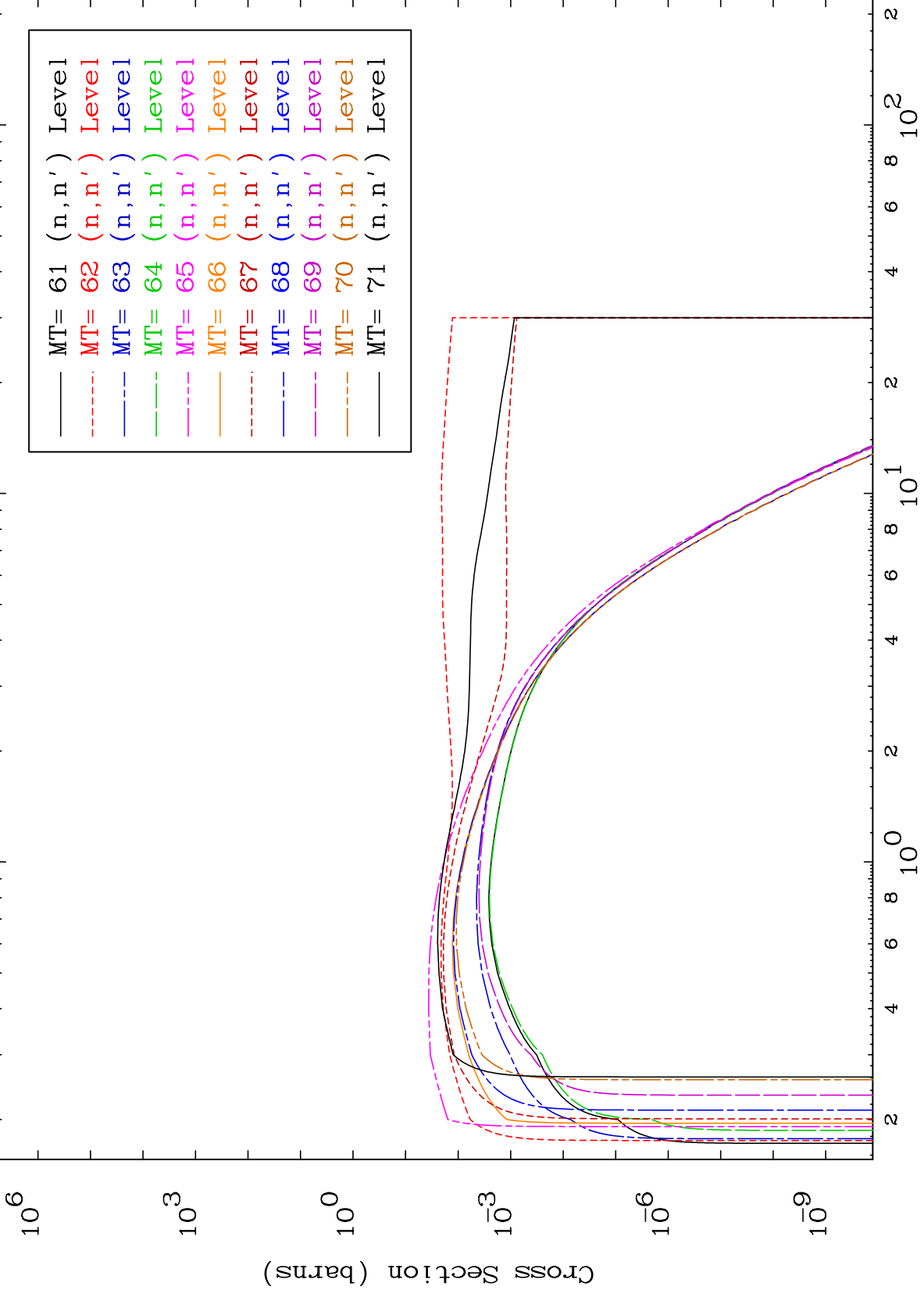


MAT 7698

(n,n') Level

293 Kelvin Cross Sections

77-Ir-182

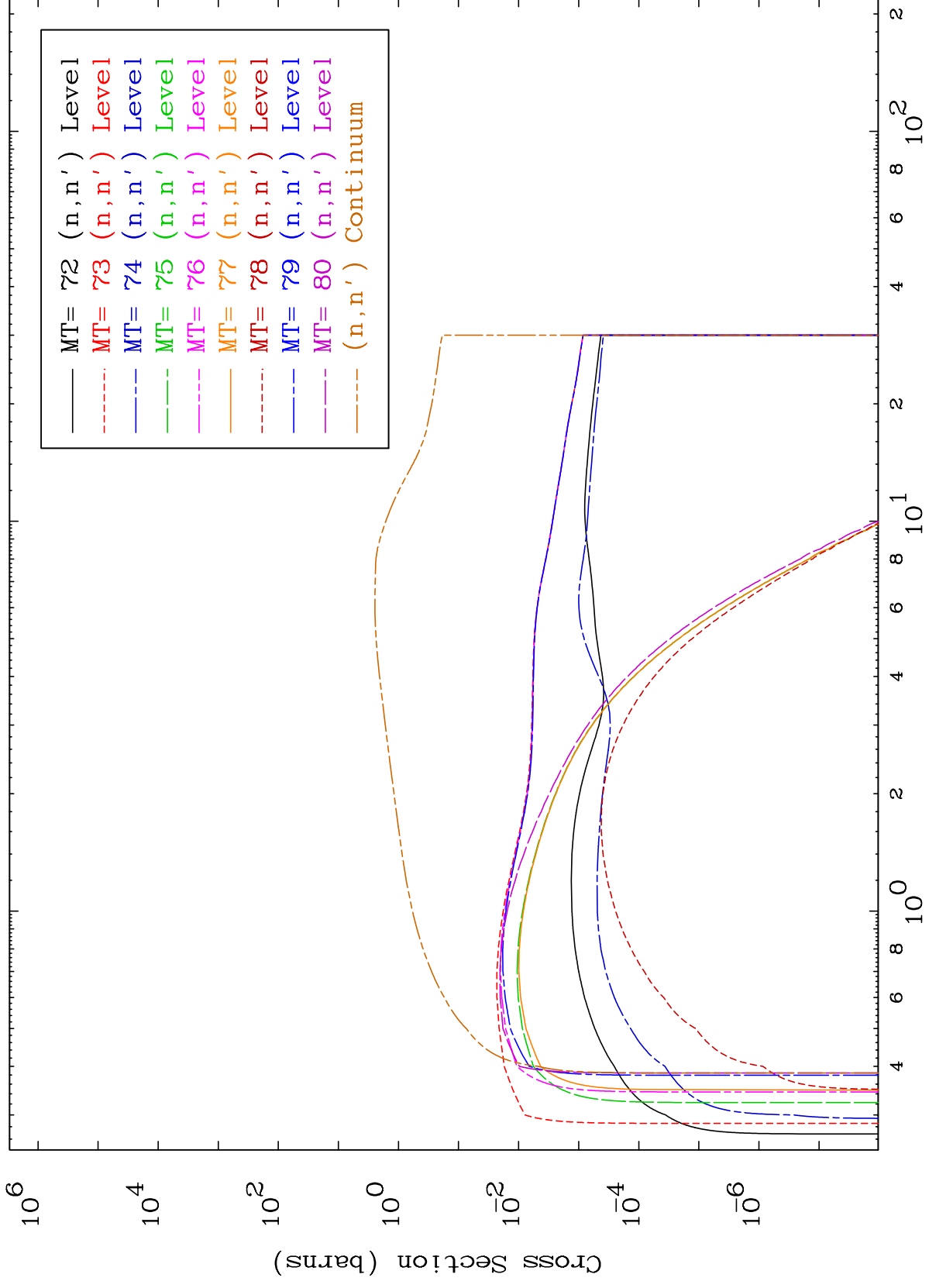


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Incident Energy (MeV)

77-Ir-182

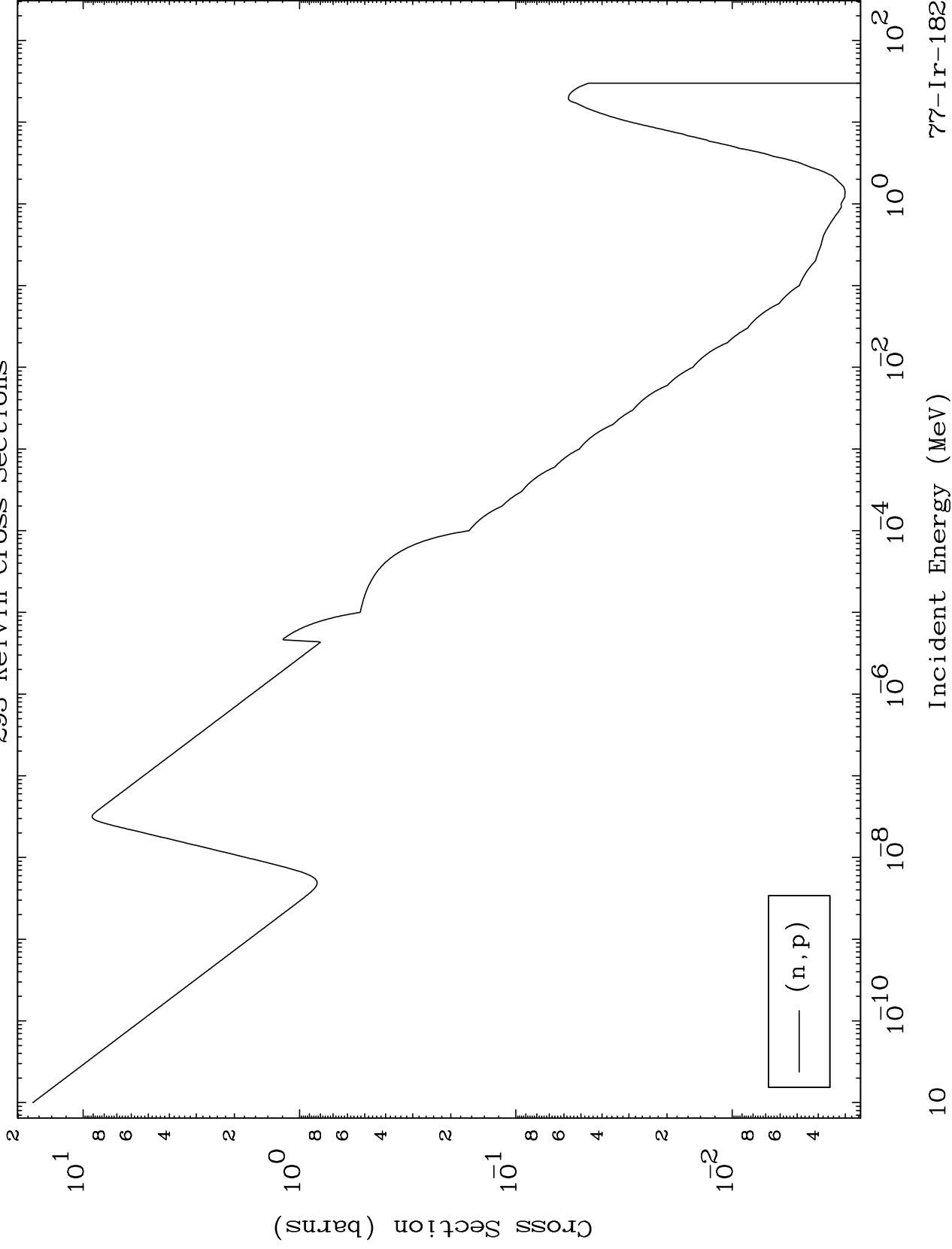
293 Kelvin Cross Sections



MAT 7698

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-182



10

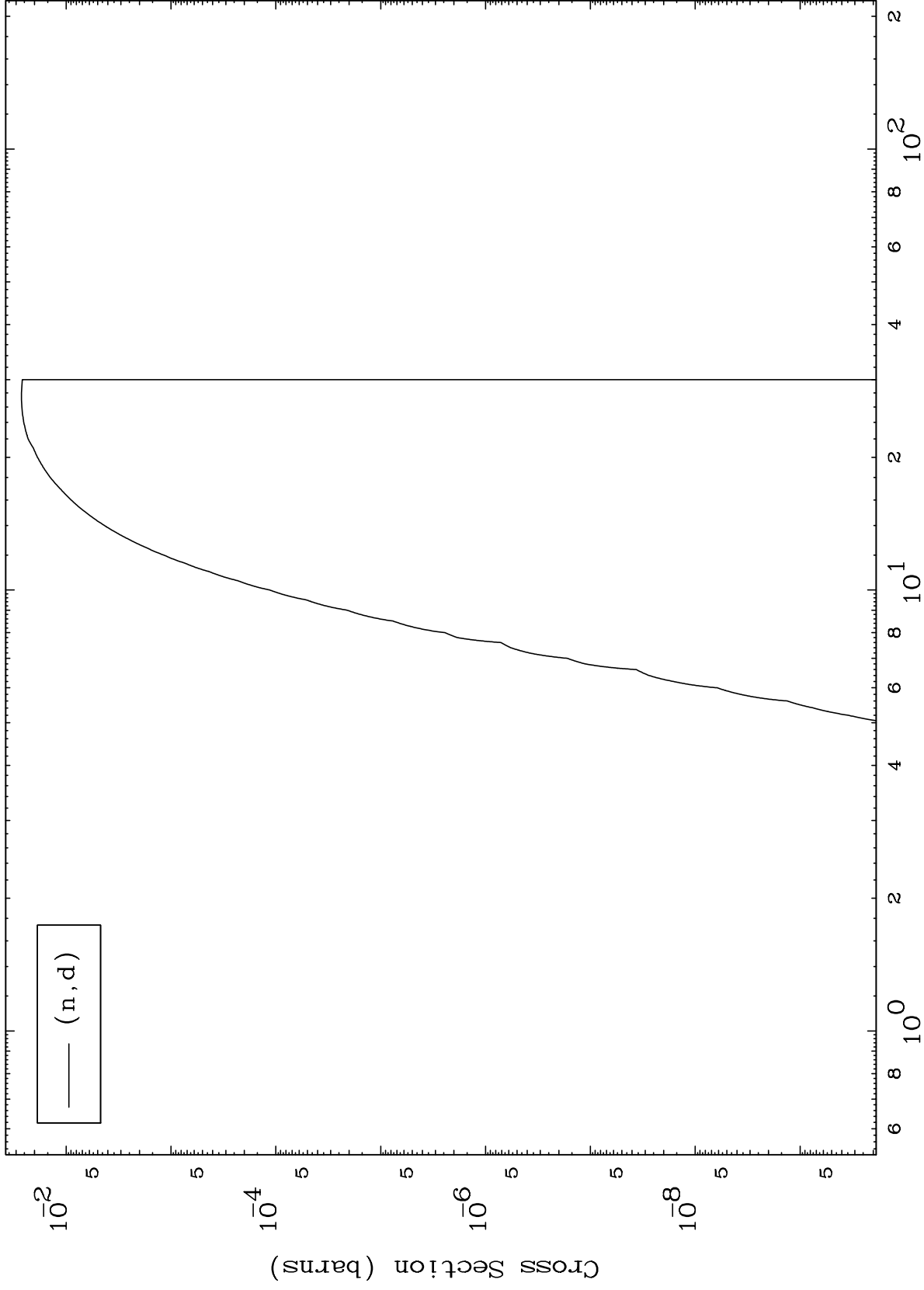
Incident Energy (MeV)

77-Ir-182

MAT 7698

(n,d) Levels
293 Kelvin Cross Sections

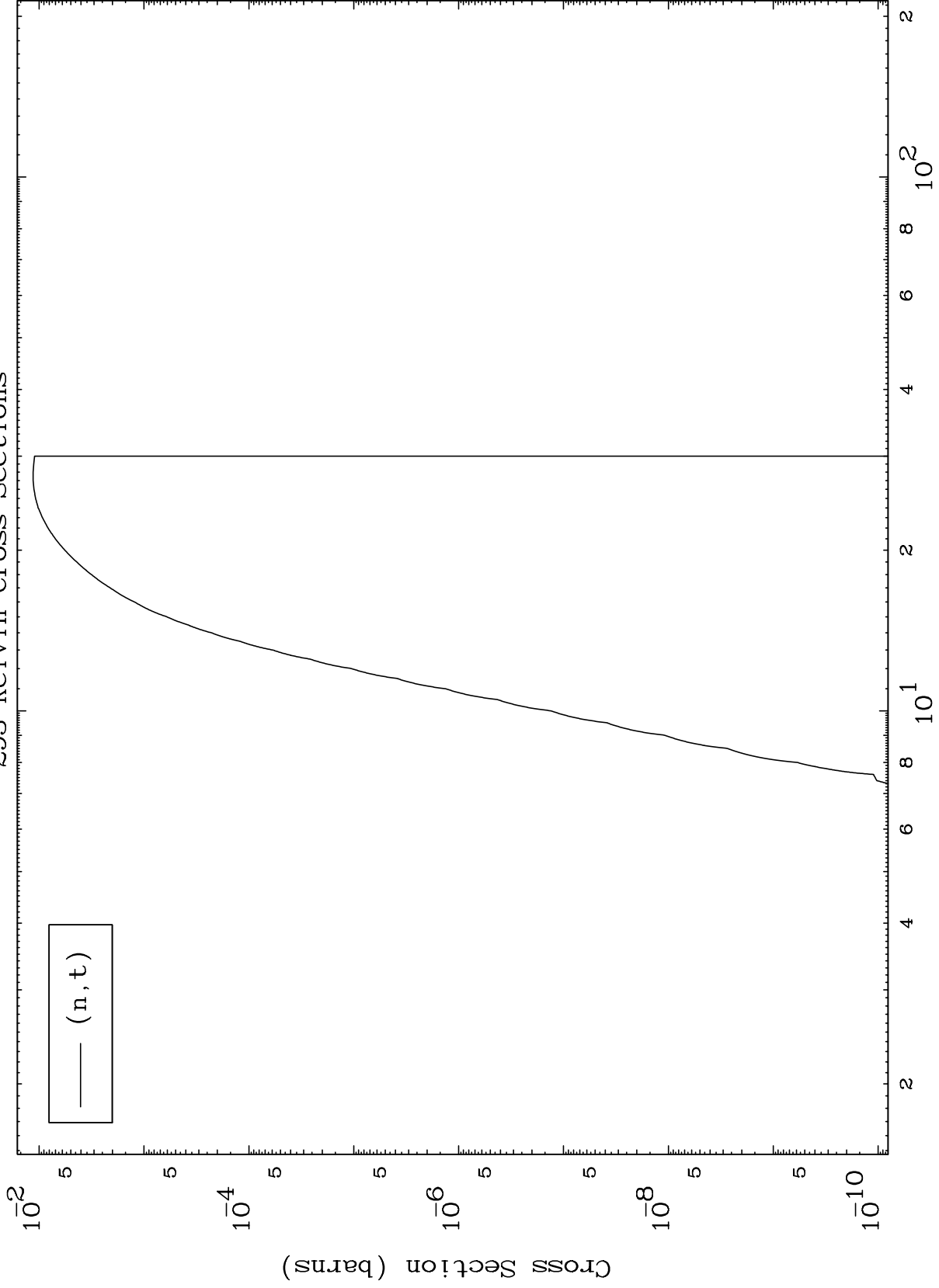
77-Ir-182



MAT 7698

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-182



12

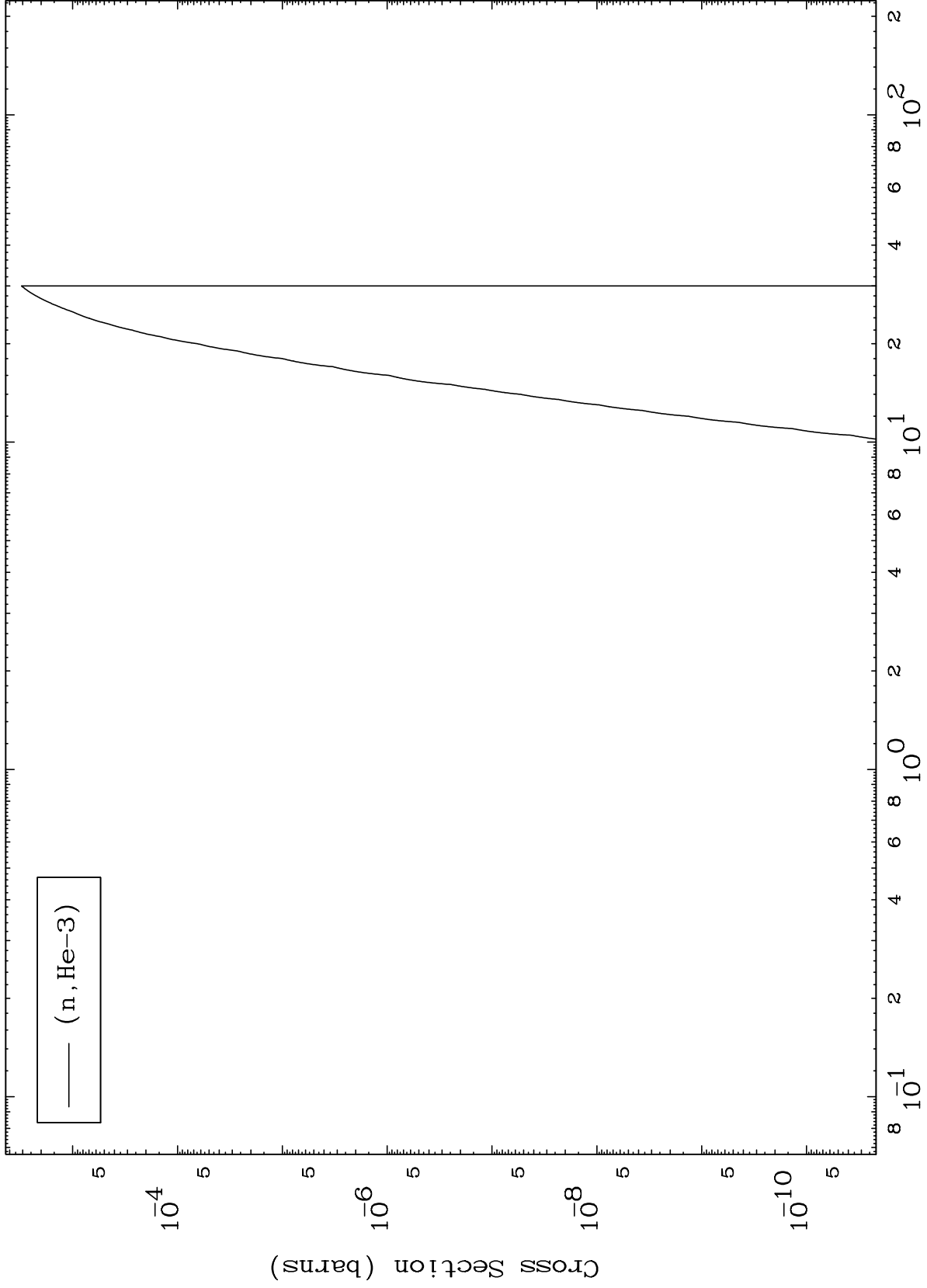
Incident Energy (MeV)

77-Ir-182

MAT 7698

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-182



13

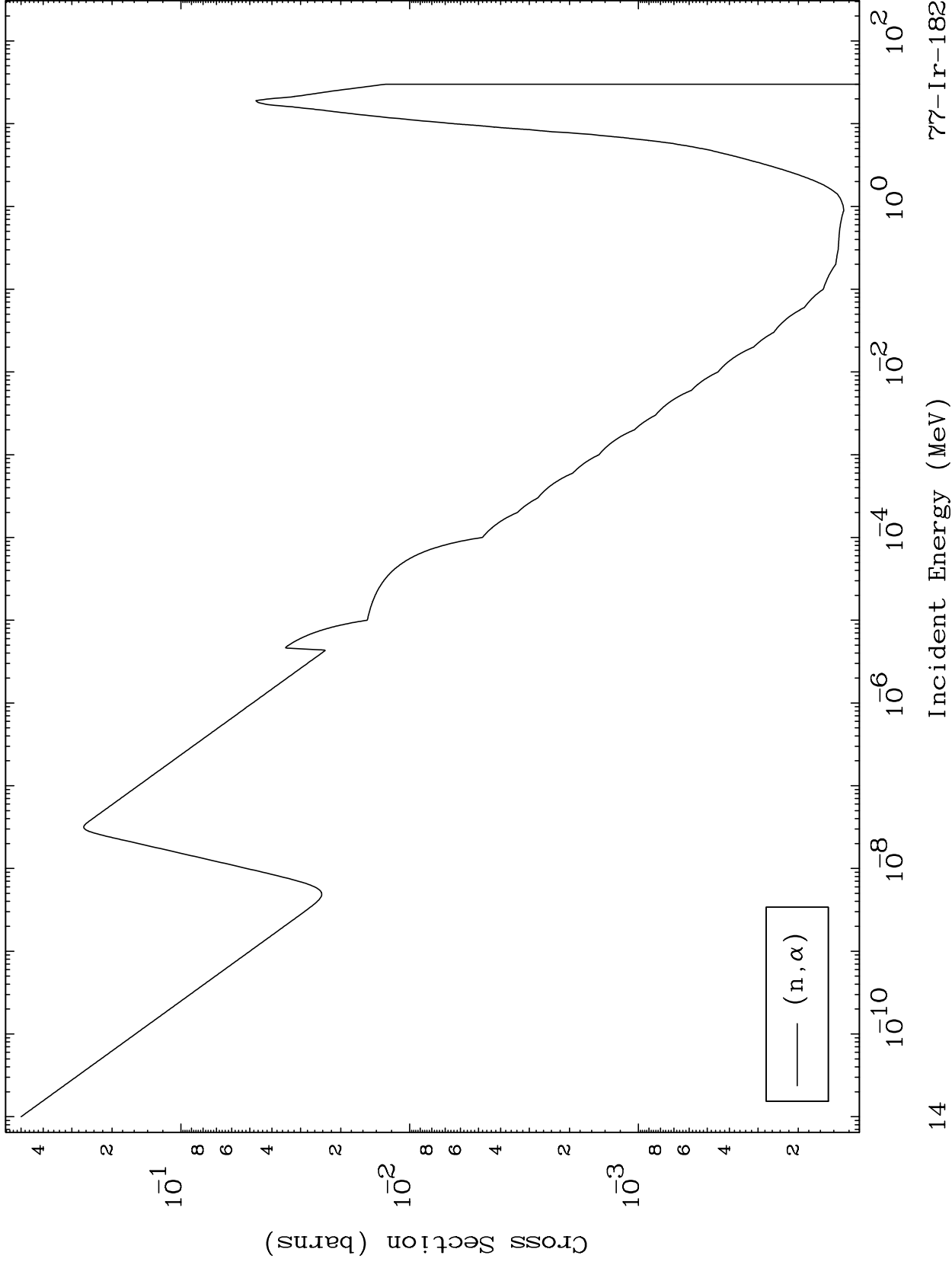
Incident Energy (MeV)

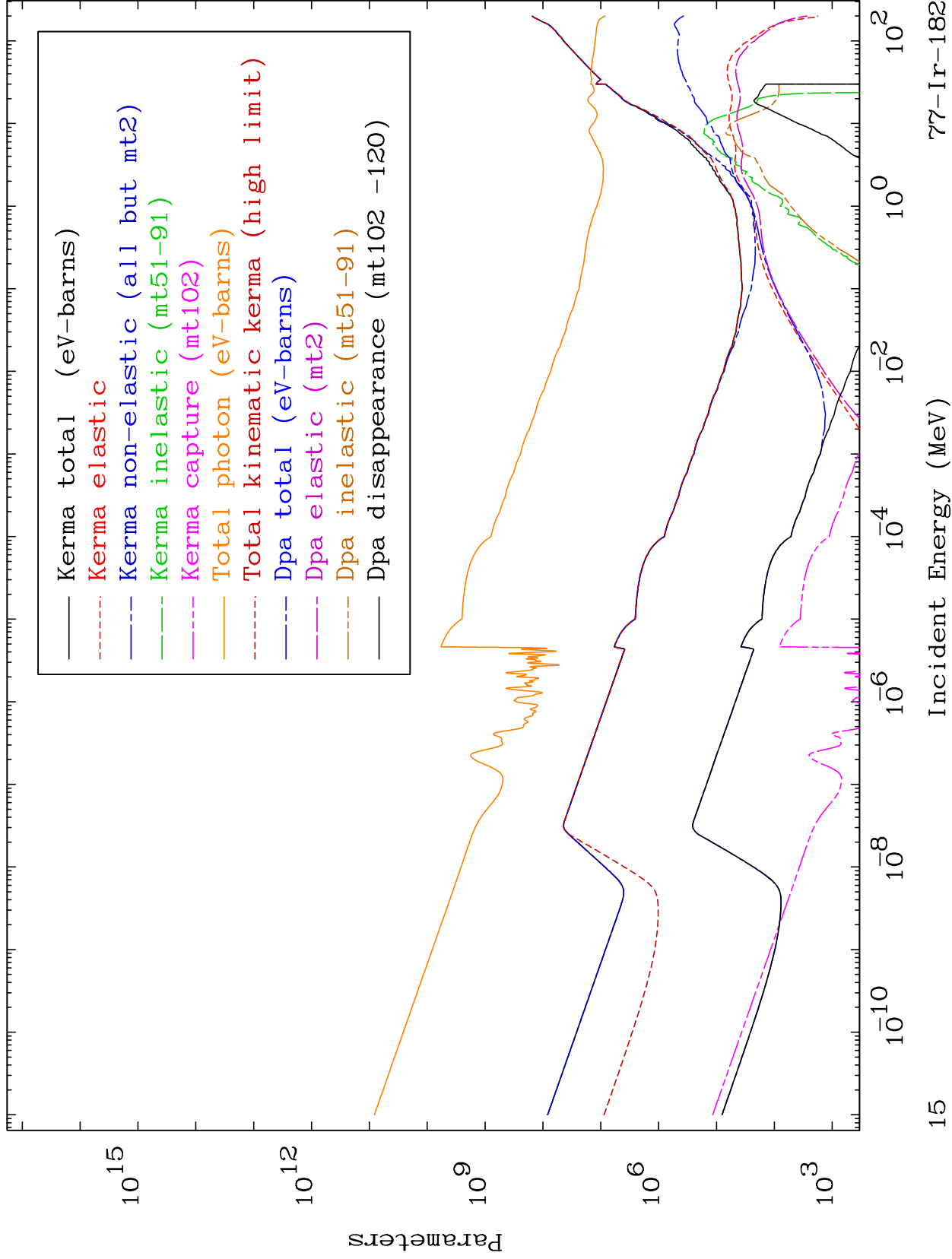
77-Ir-182

MAT 7698

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-182

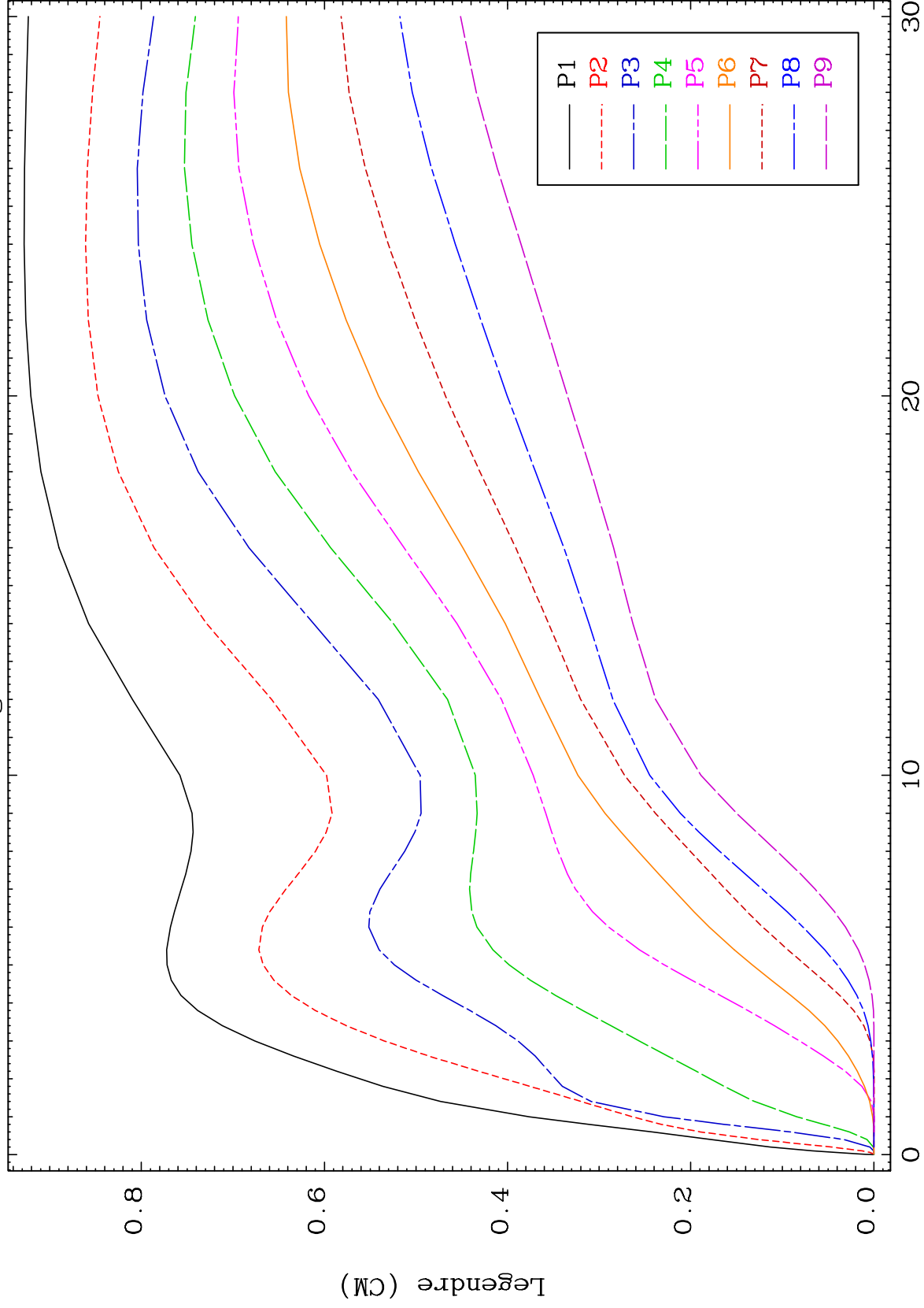




MAT 7698

Elastic Legendre Coefficients

77-Ir-182



16

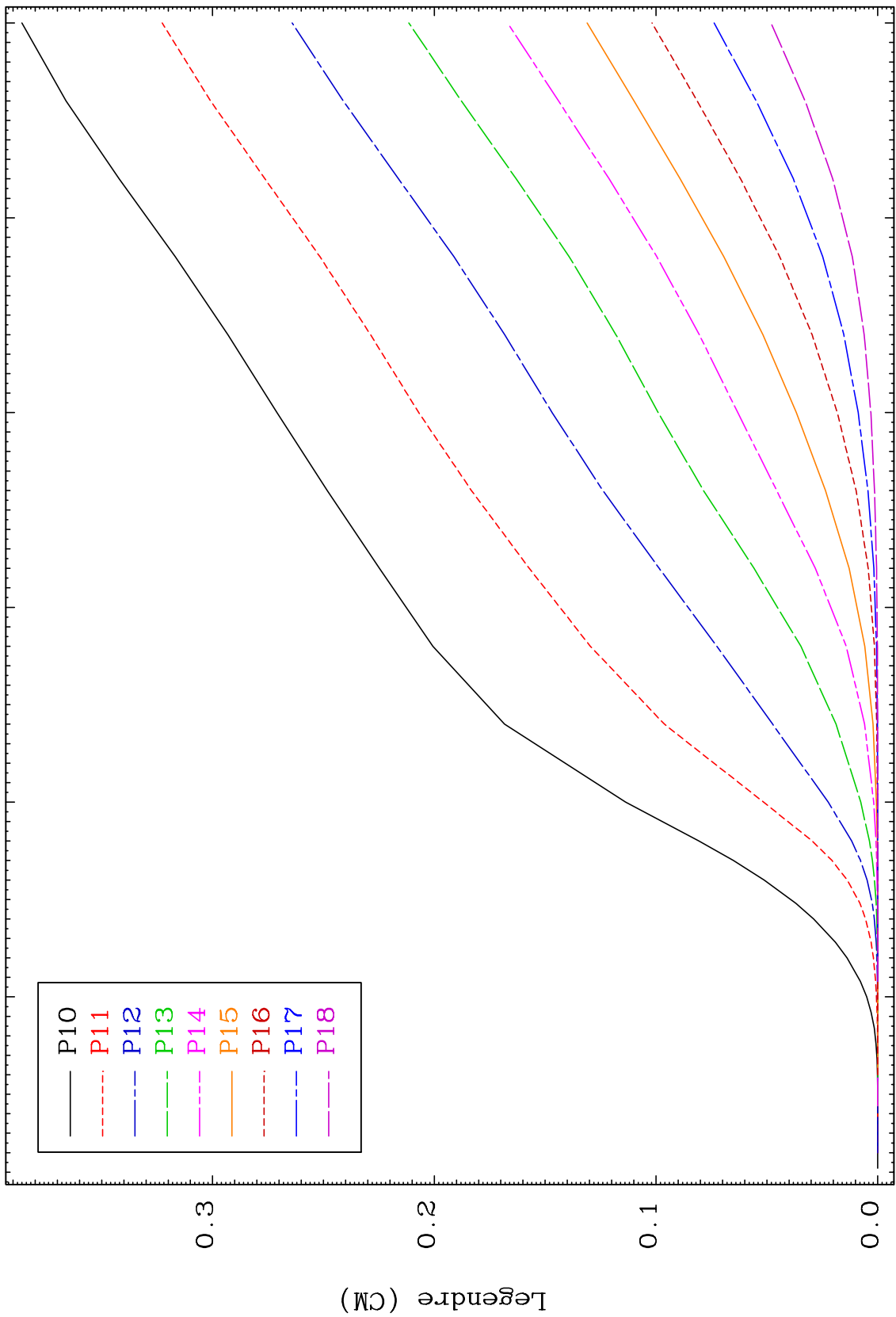
Incident Energy (MeV)

77-Ir-182

MAT 7698

Elastic Legendre Coefficients

⁷⁷Ir-182



17

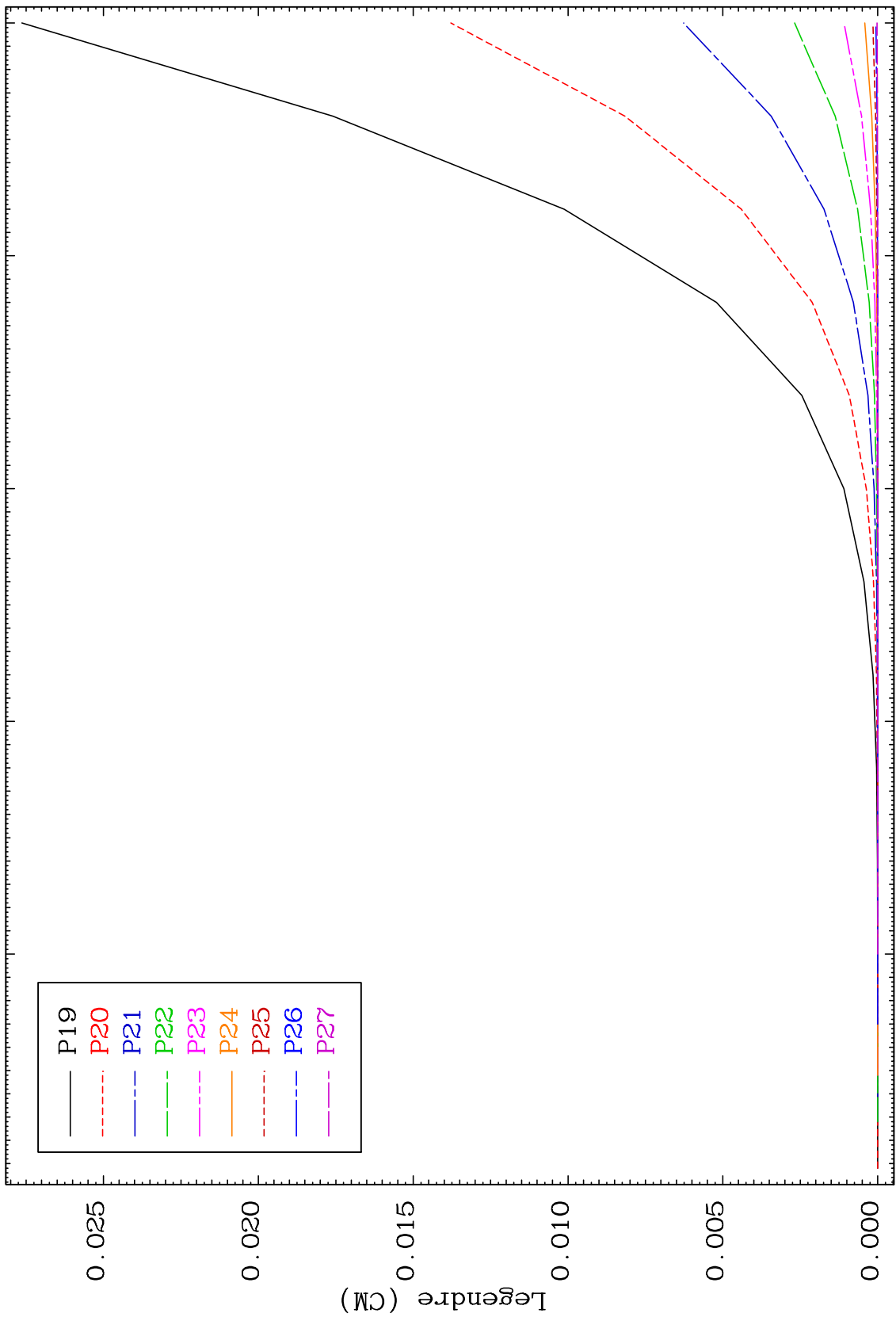
Incident Energy (MeV)

⁷⁷Ir-182

MAT 7698

Elastic Legendre Coefficients

77-Ir-182



18

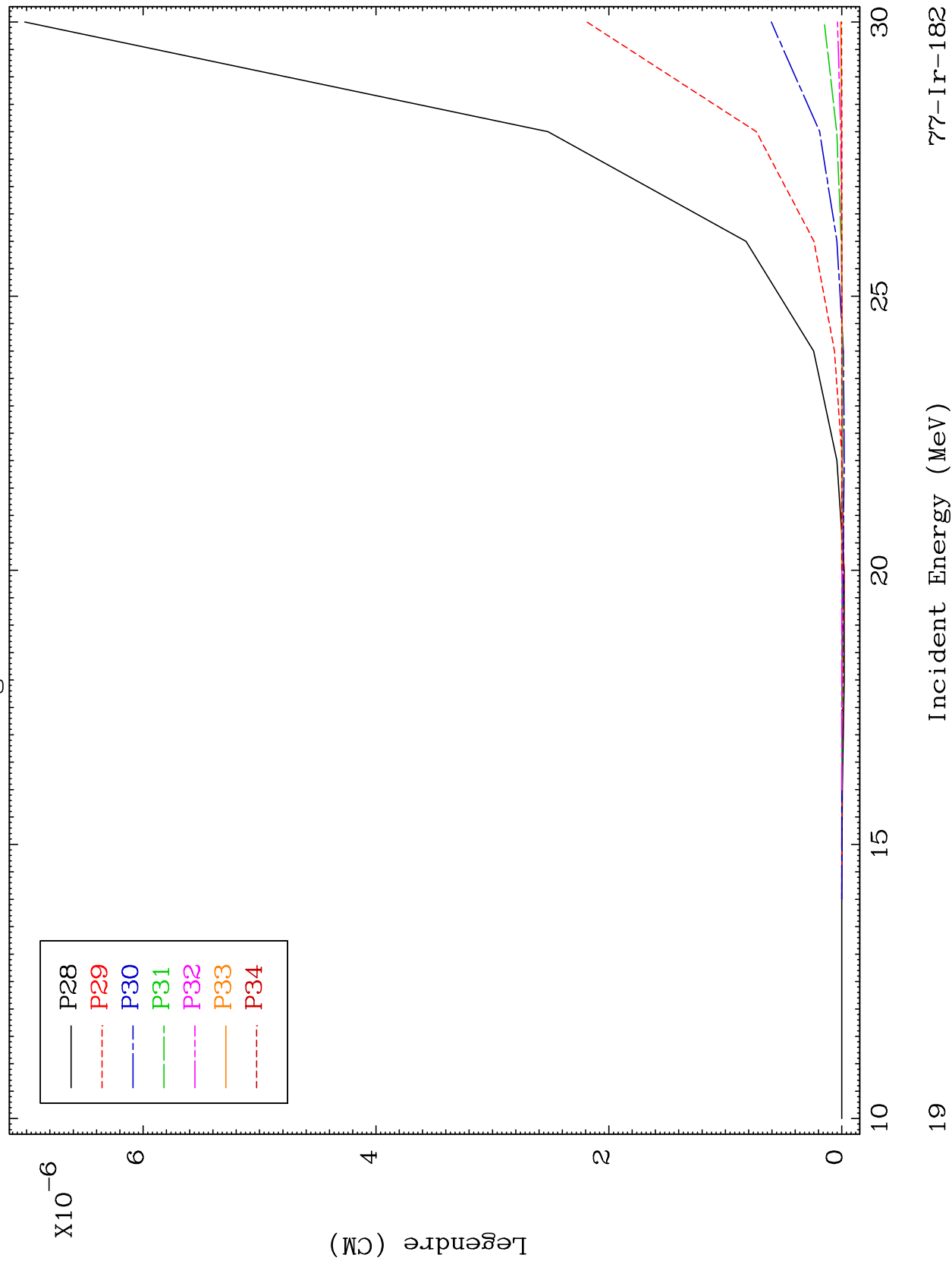
Incident Energy (MeV)

77-Ir-182

MAT 7698

Elastic Legendre Coefficients

⁷⁷Ir-182



19

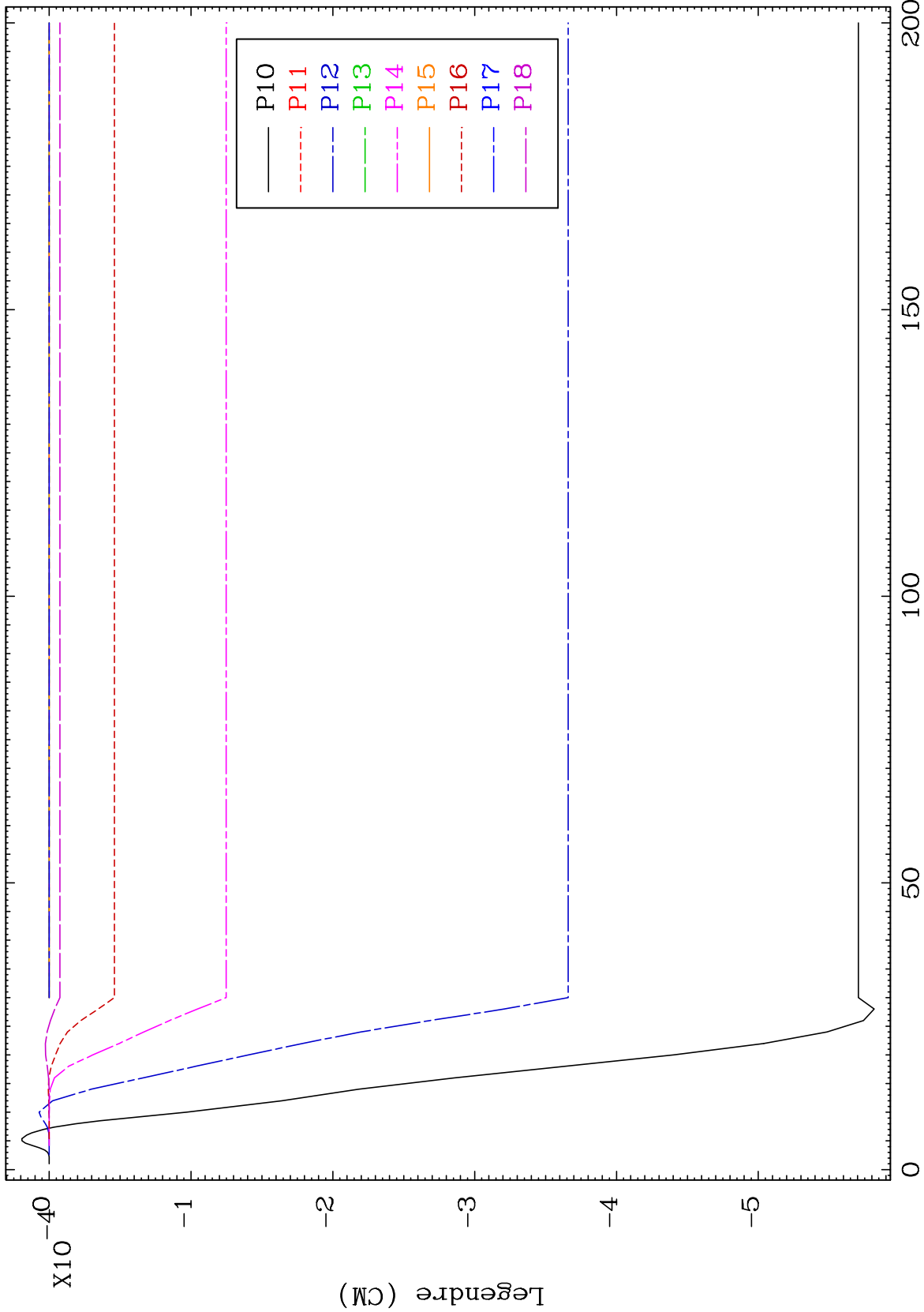
Incident Energy (MeV)

⁷⁷Ir-182

MAT 7698

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

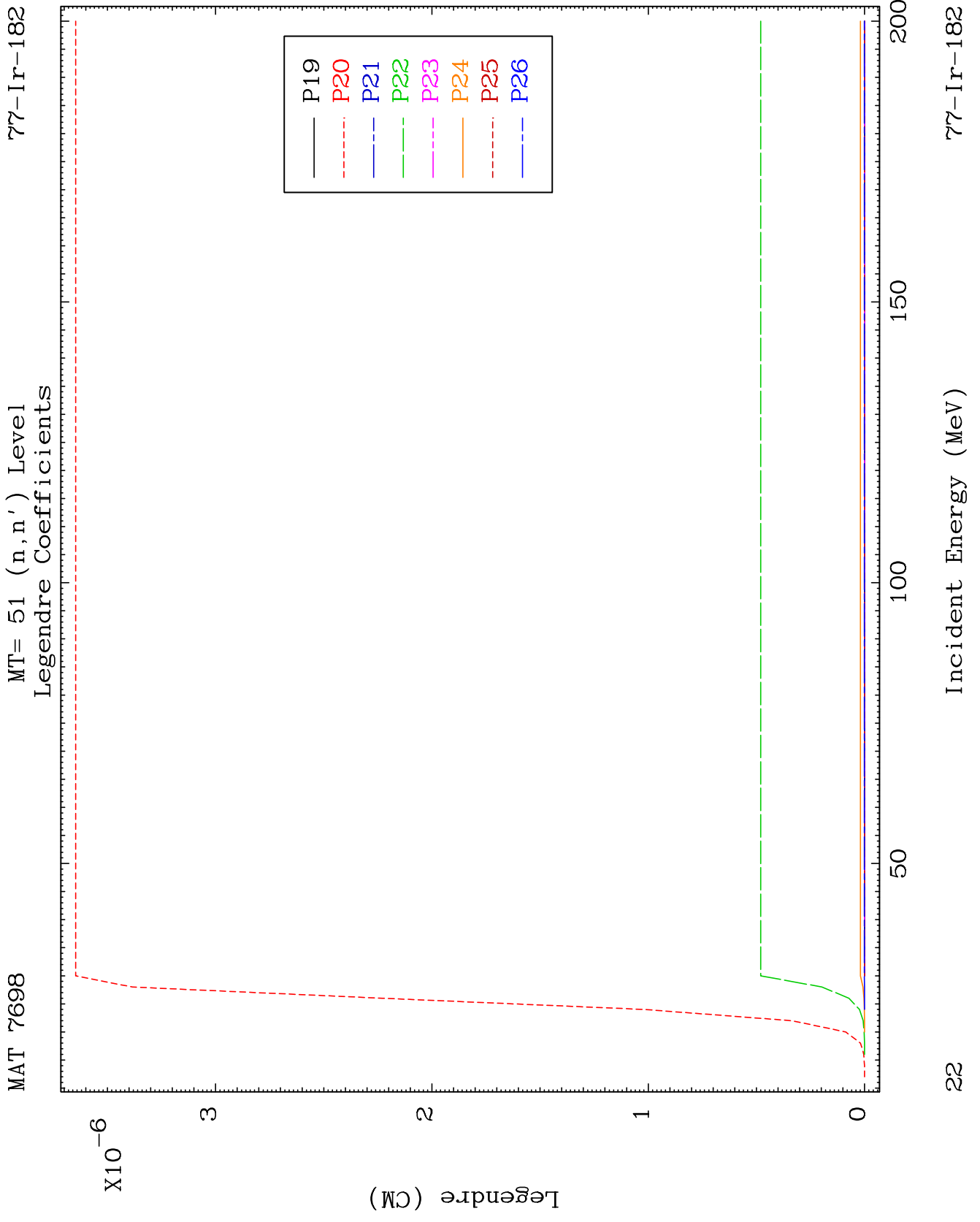
77-Ir-182



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Incident Energy (MeV)

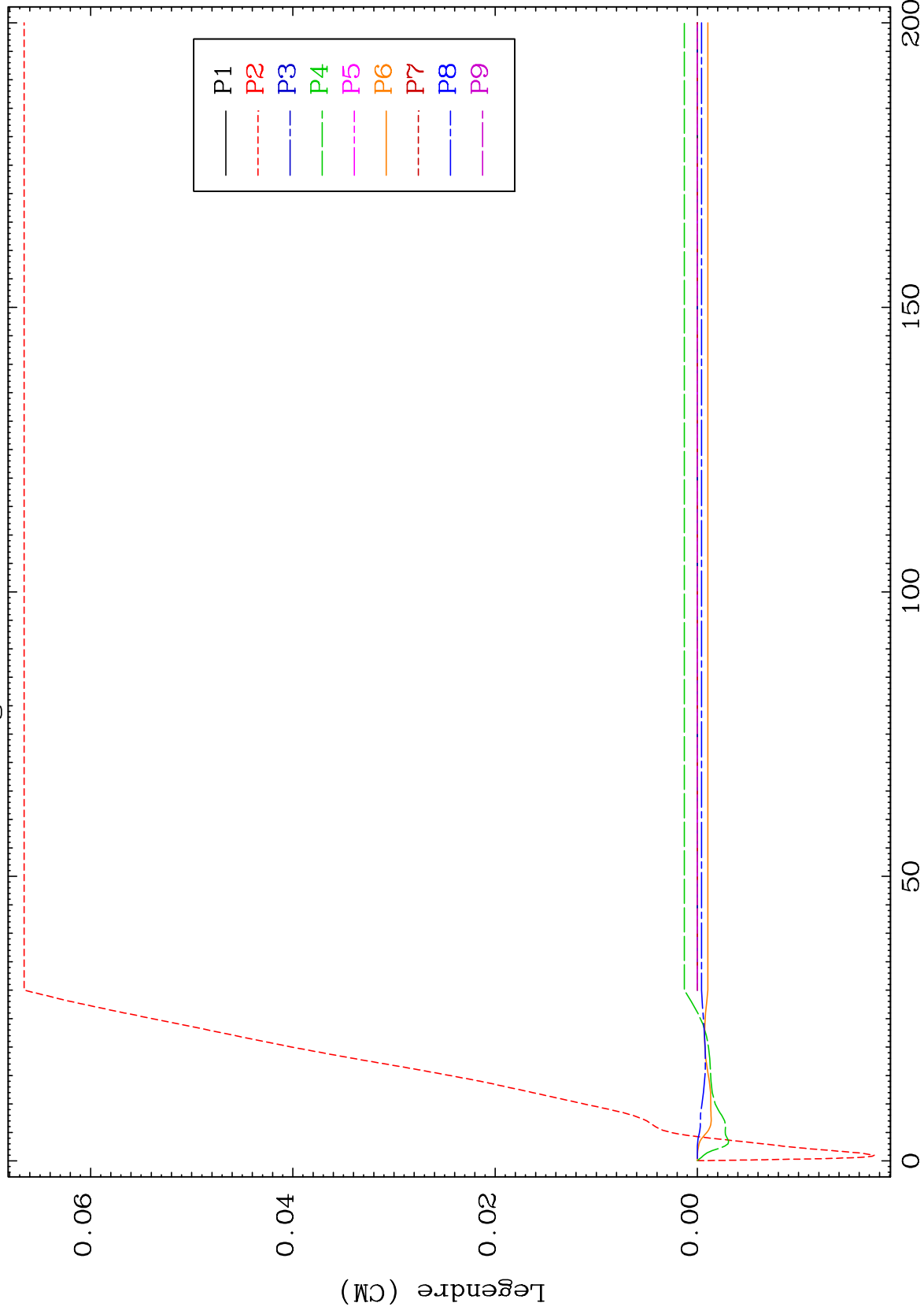
77-Ir-182



MAT 7698

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

77-Ir-182



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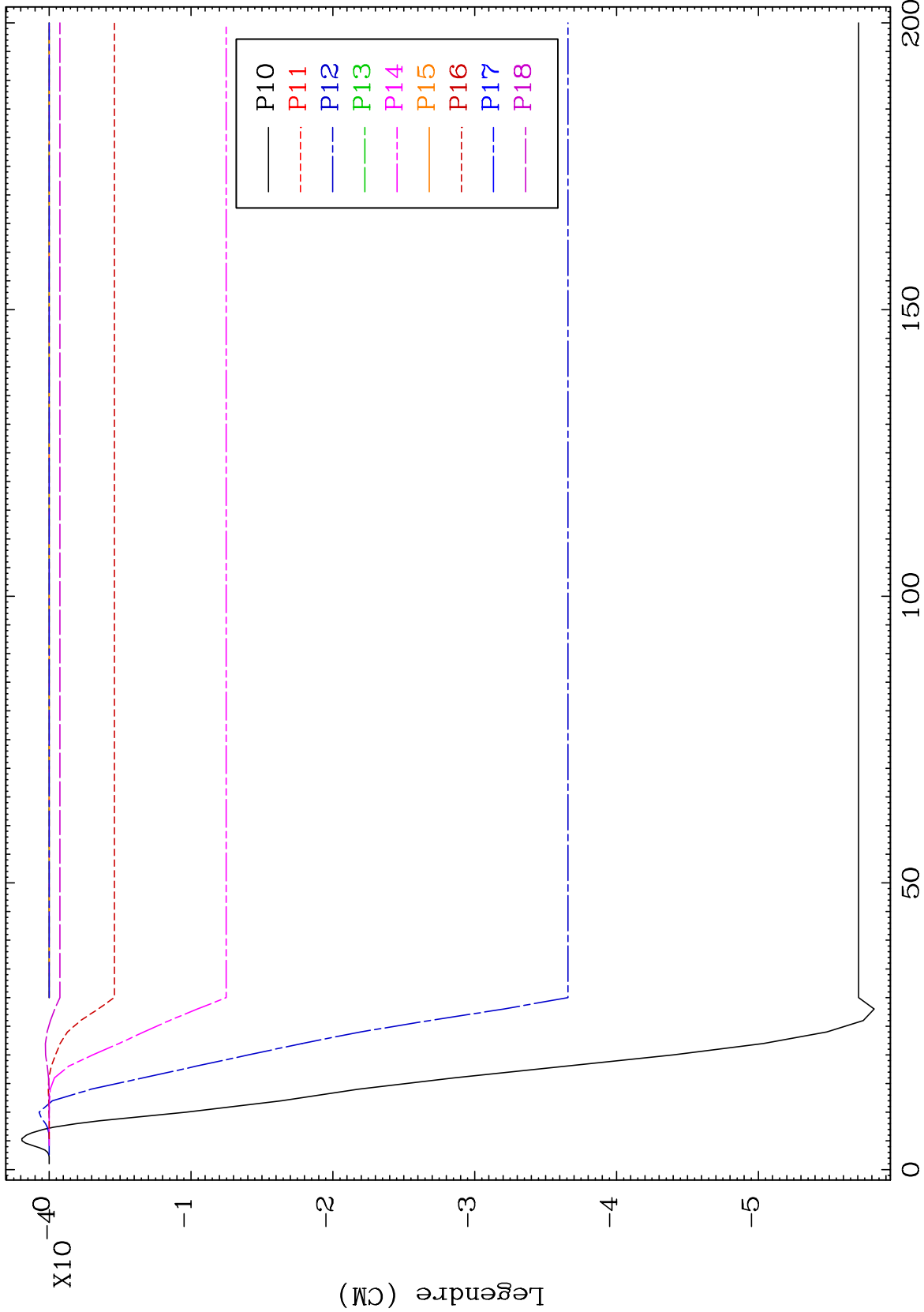
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

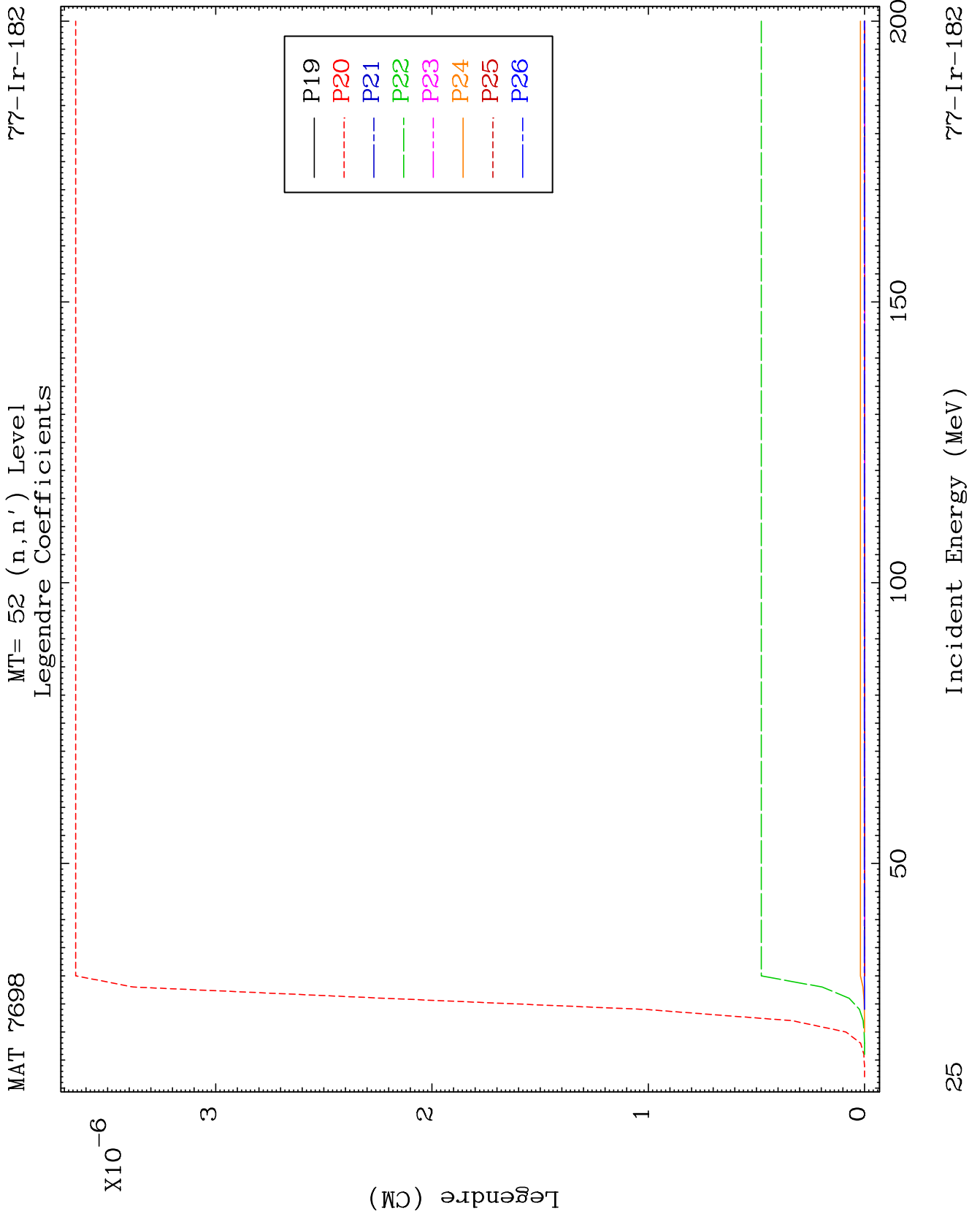
77-Ir-182



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Incident Energy (MeV)

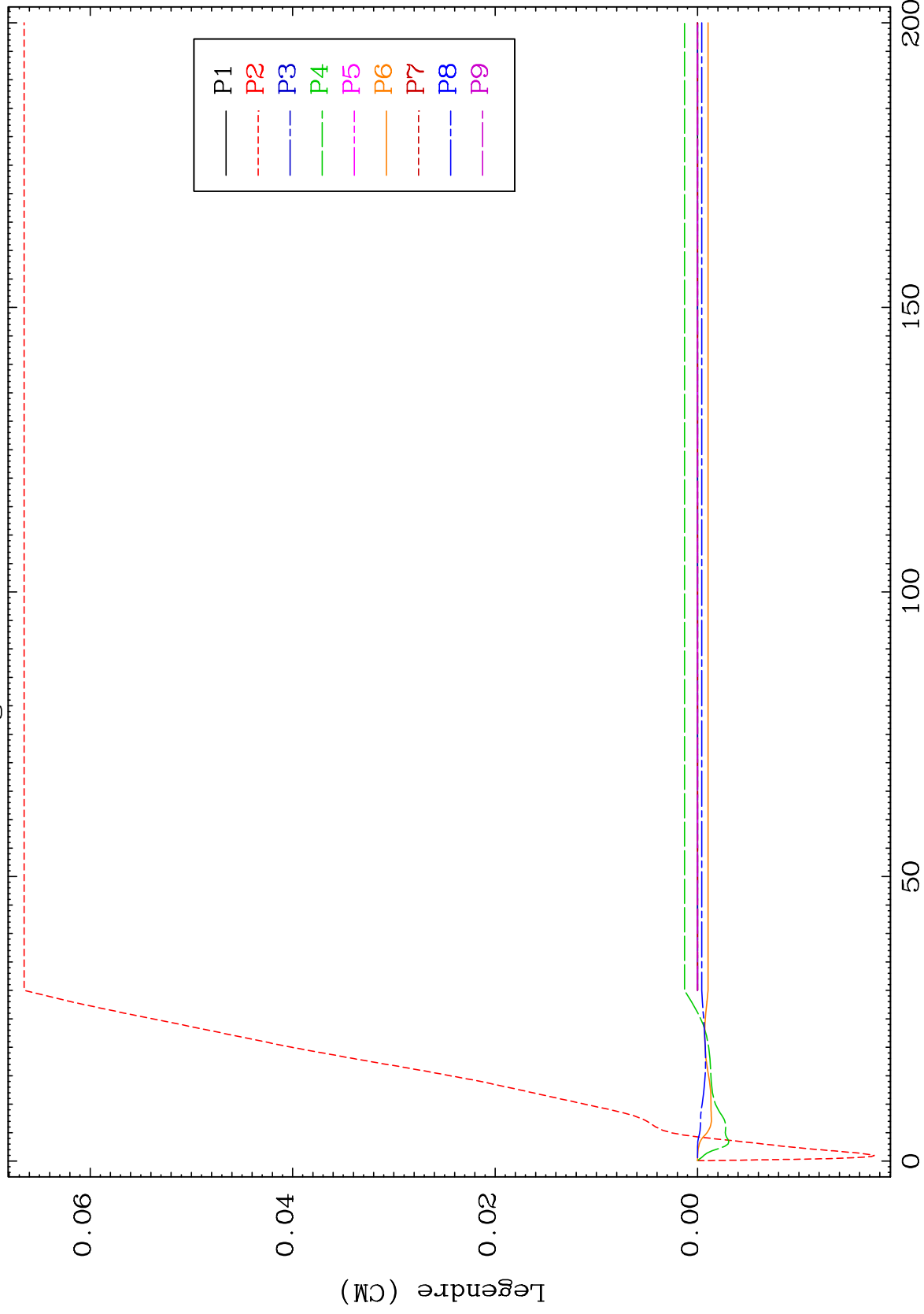
77-Ir-182



MAT 7698

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

77-Ir-182



26

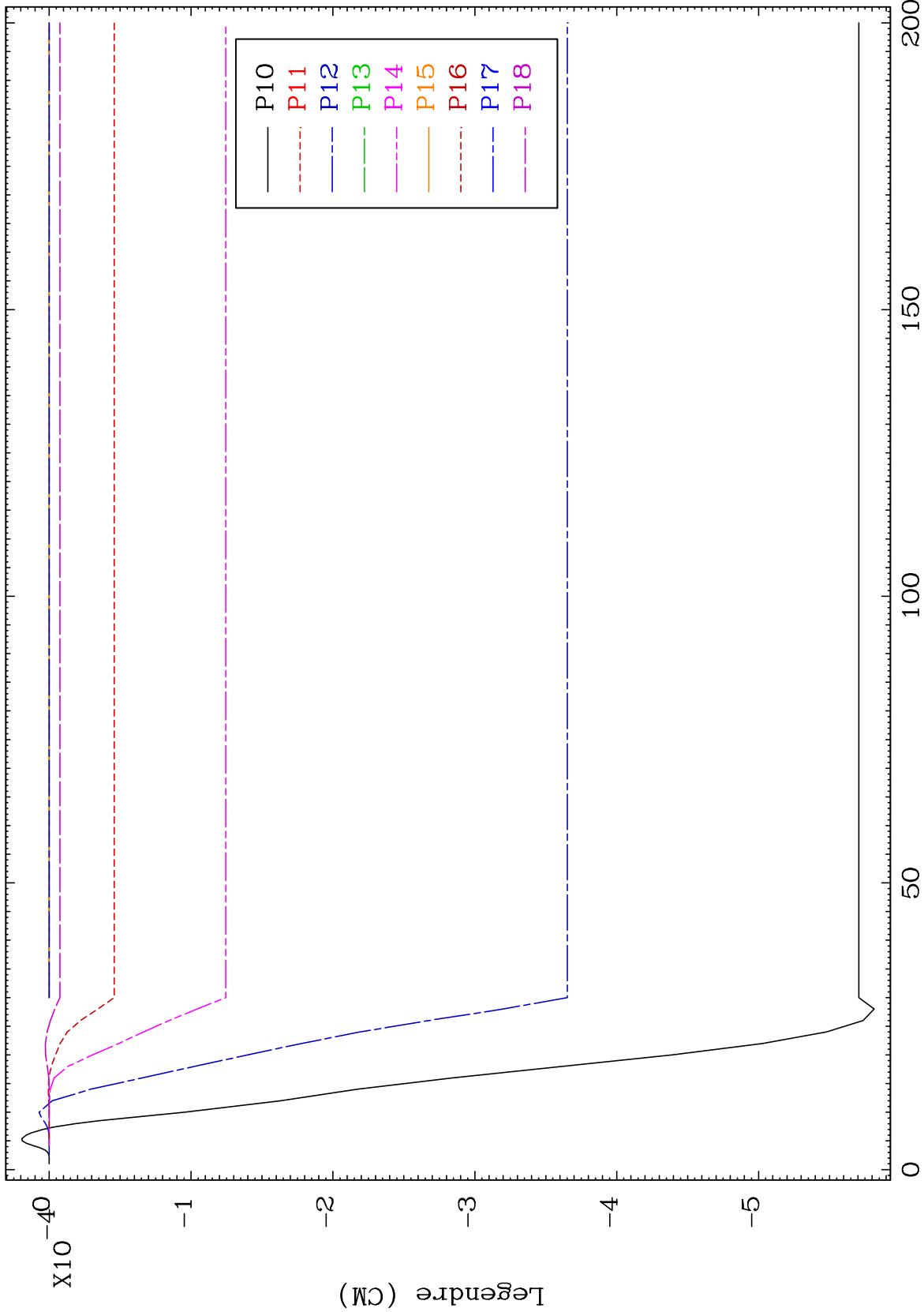
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

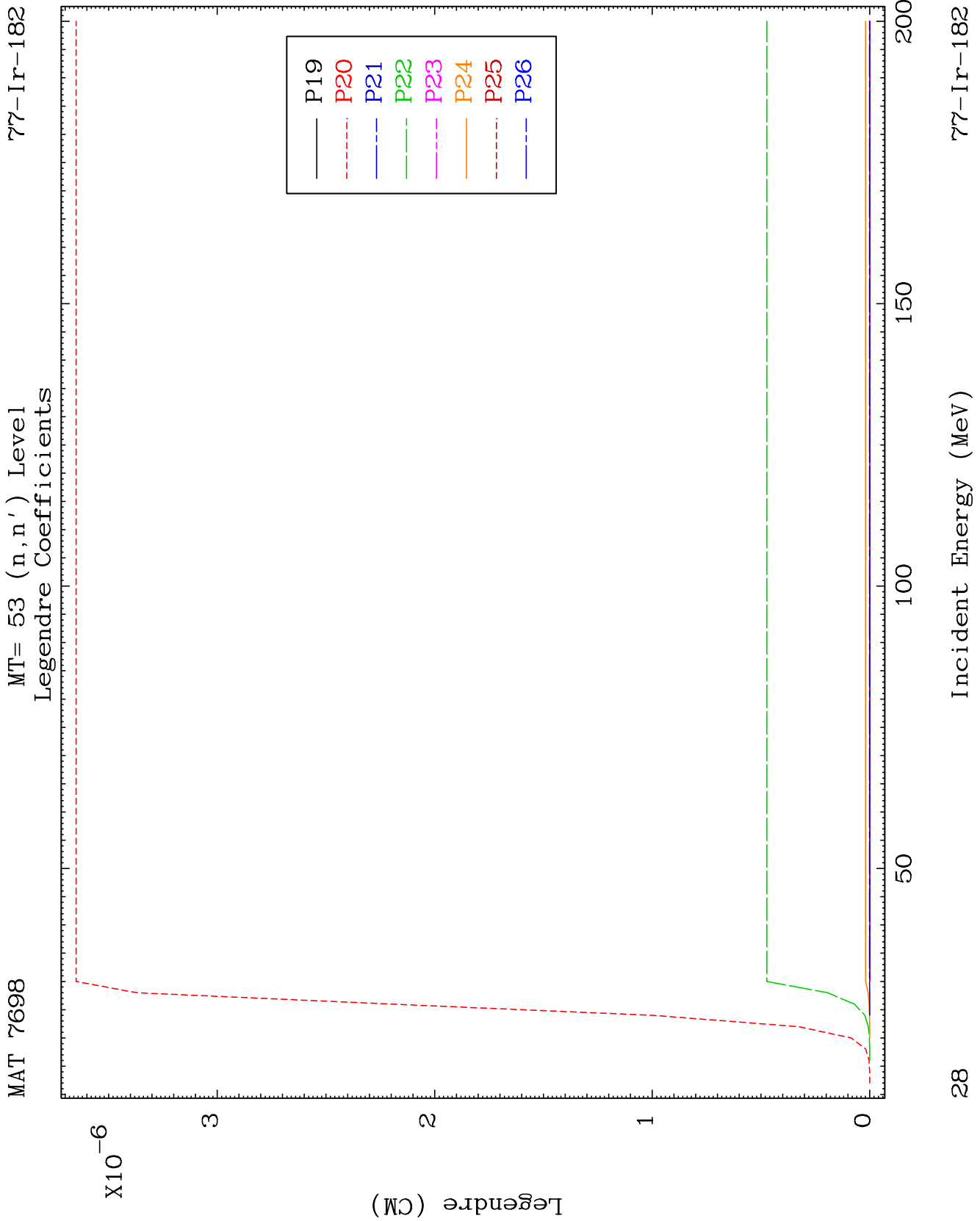
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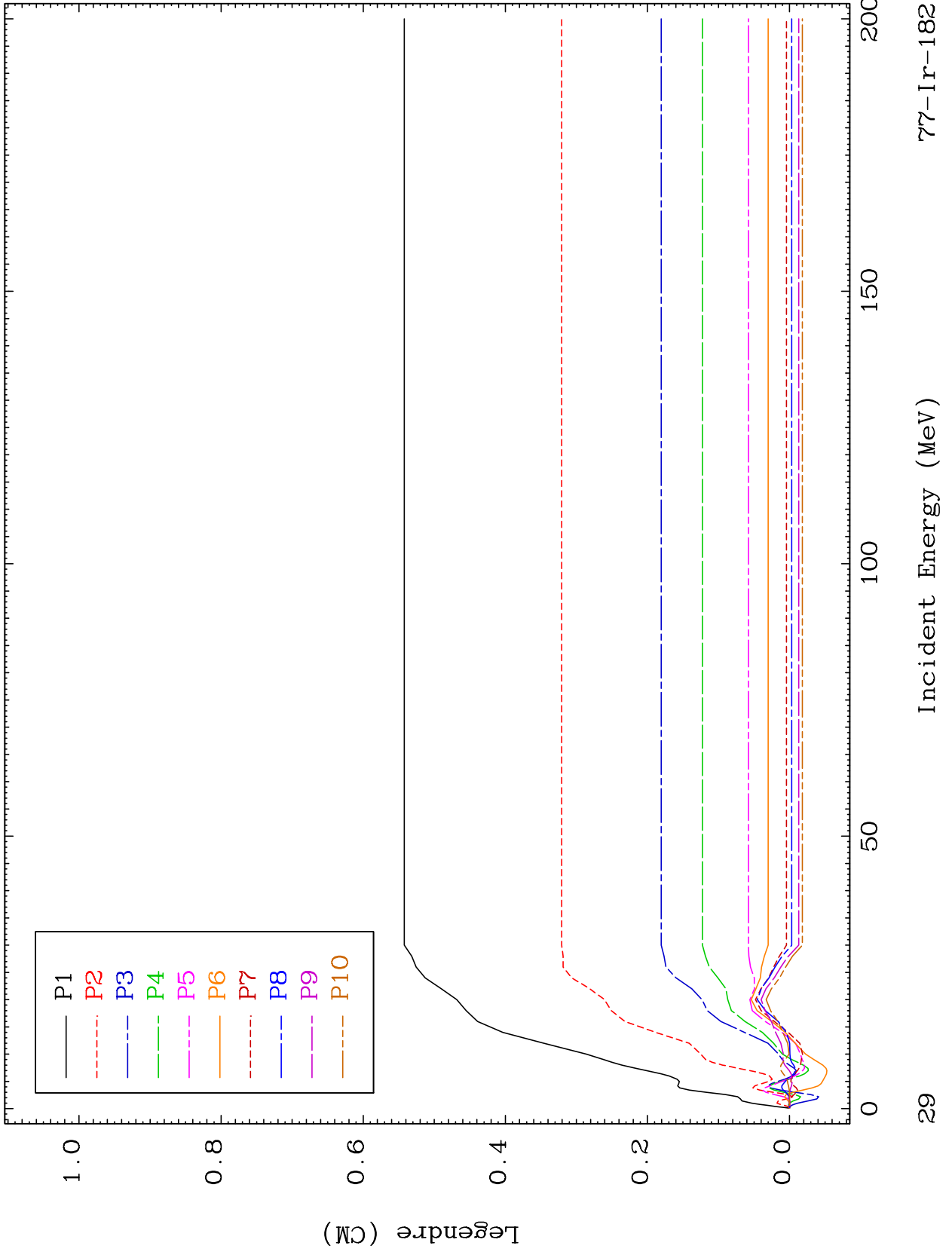


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Incident Energy (MeV)

77-Ir-182

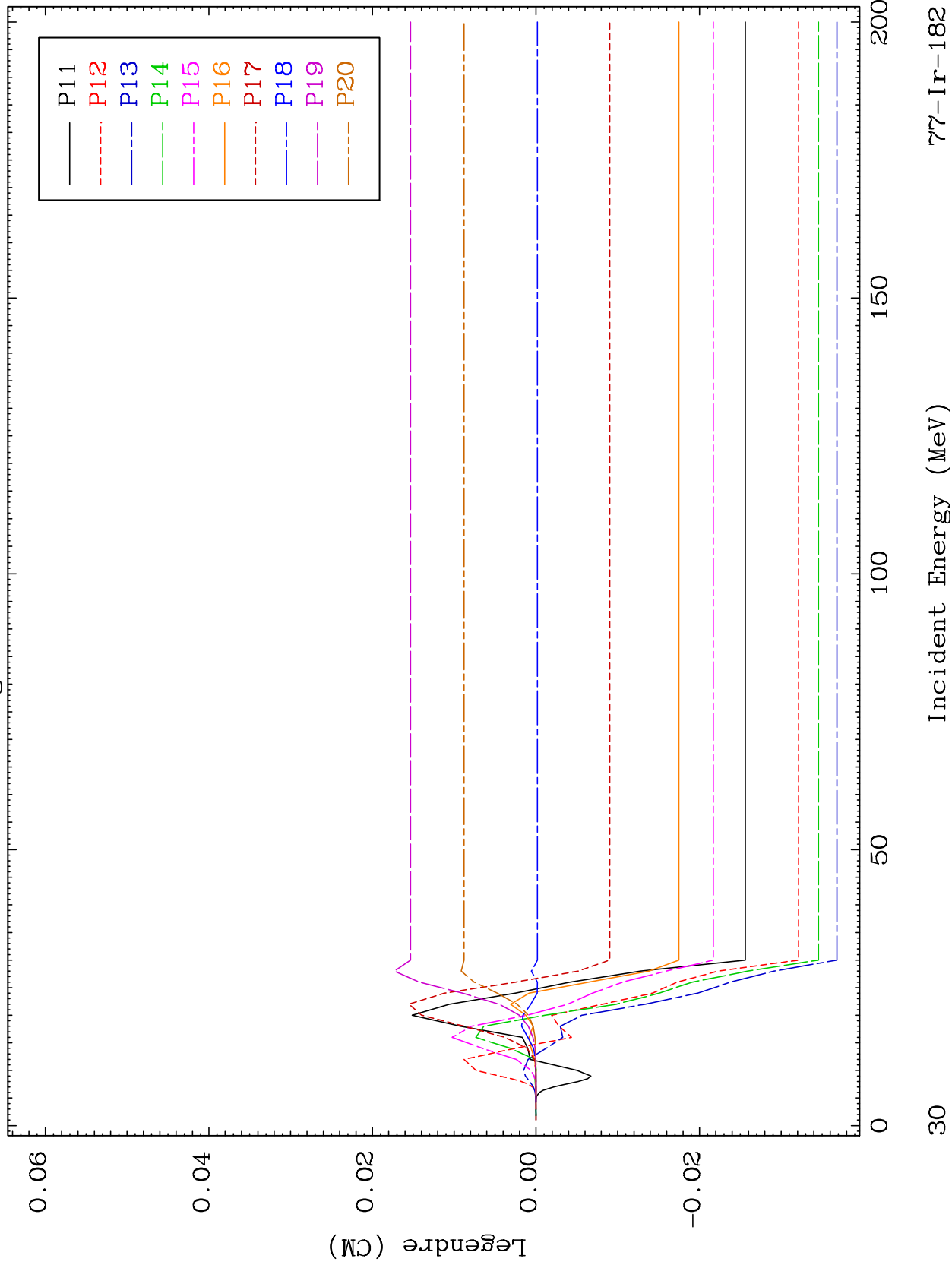




MAT 7698

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

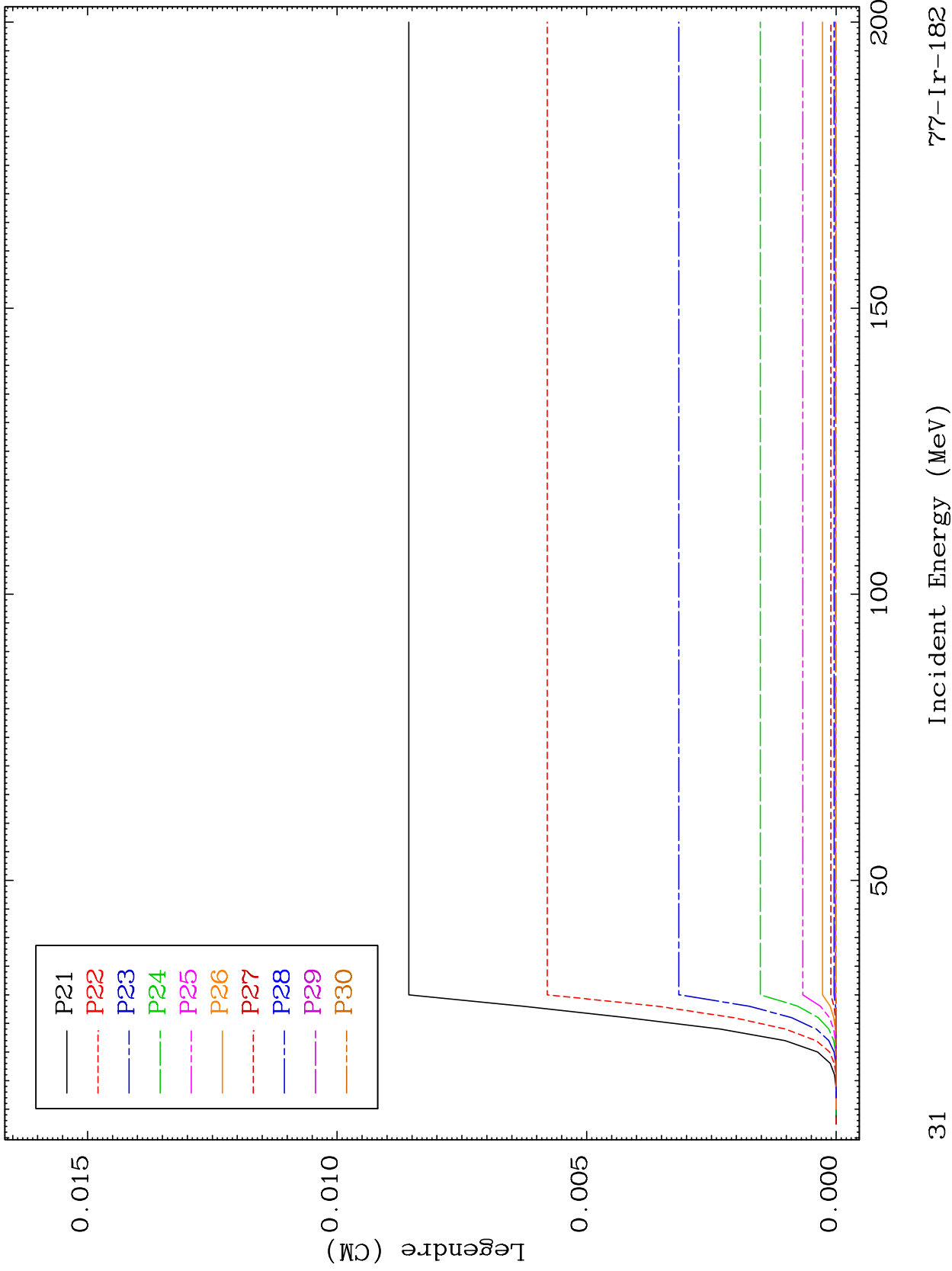
77-Ir-182



77-Ir-182

Incident Energy (MeV)

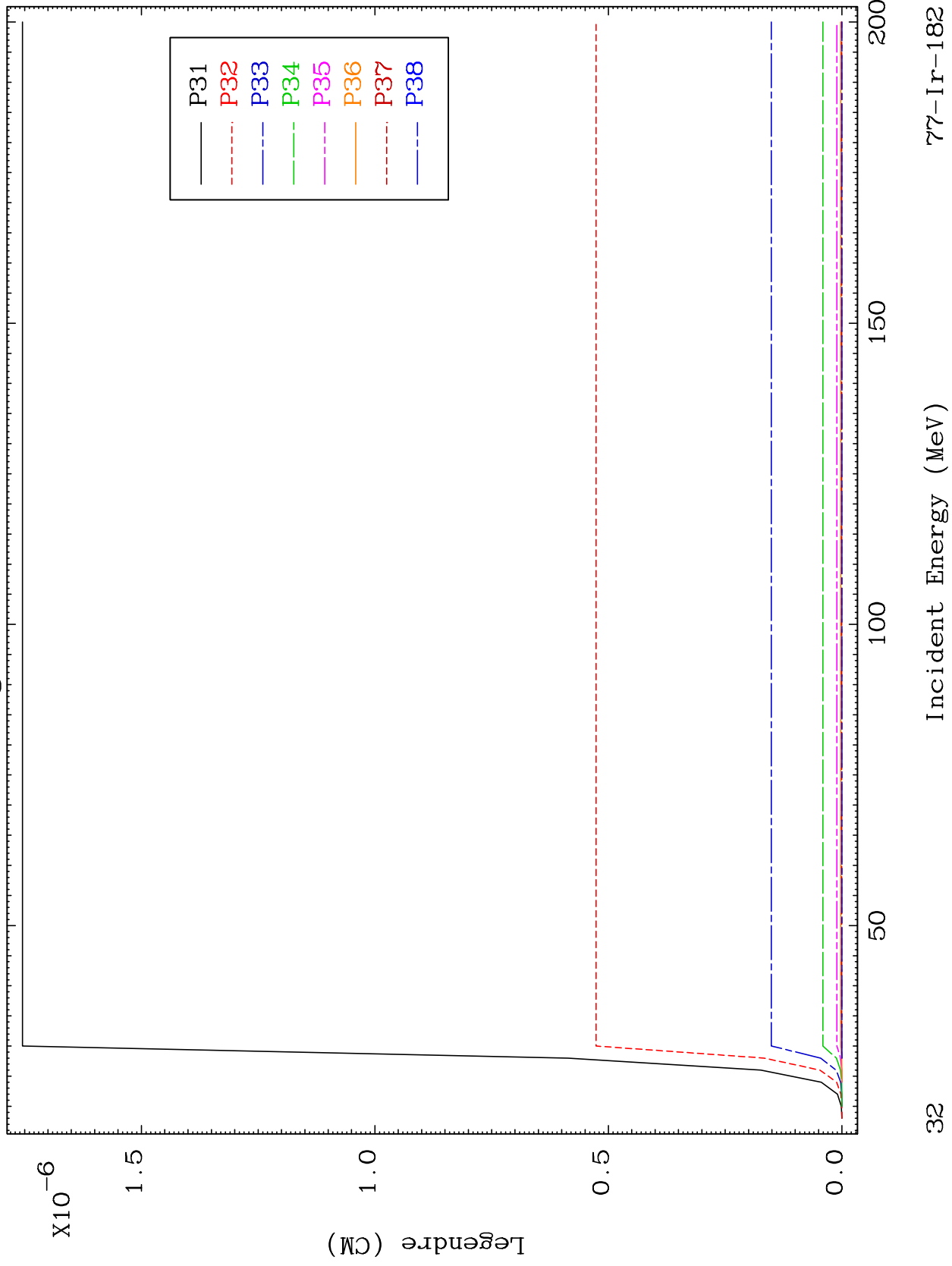
30



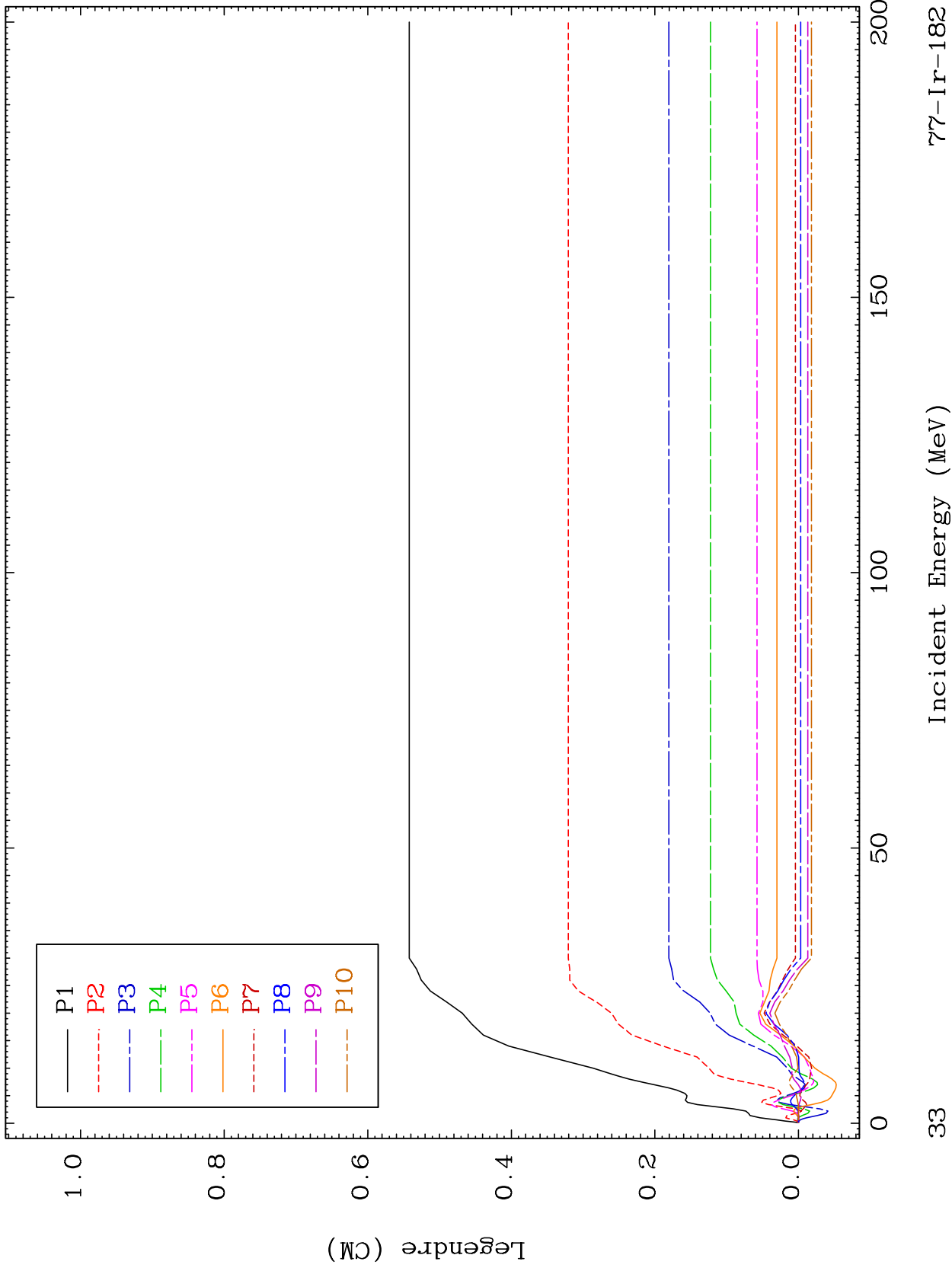
MAT 7698

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

77-Ir-182



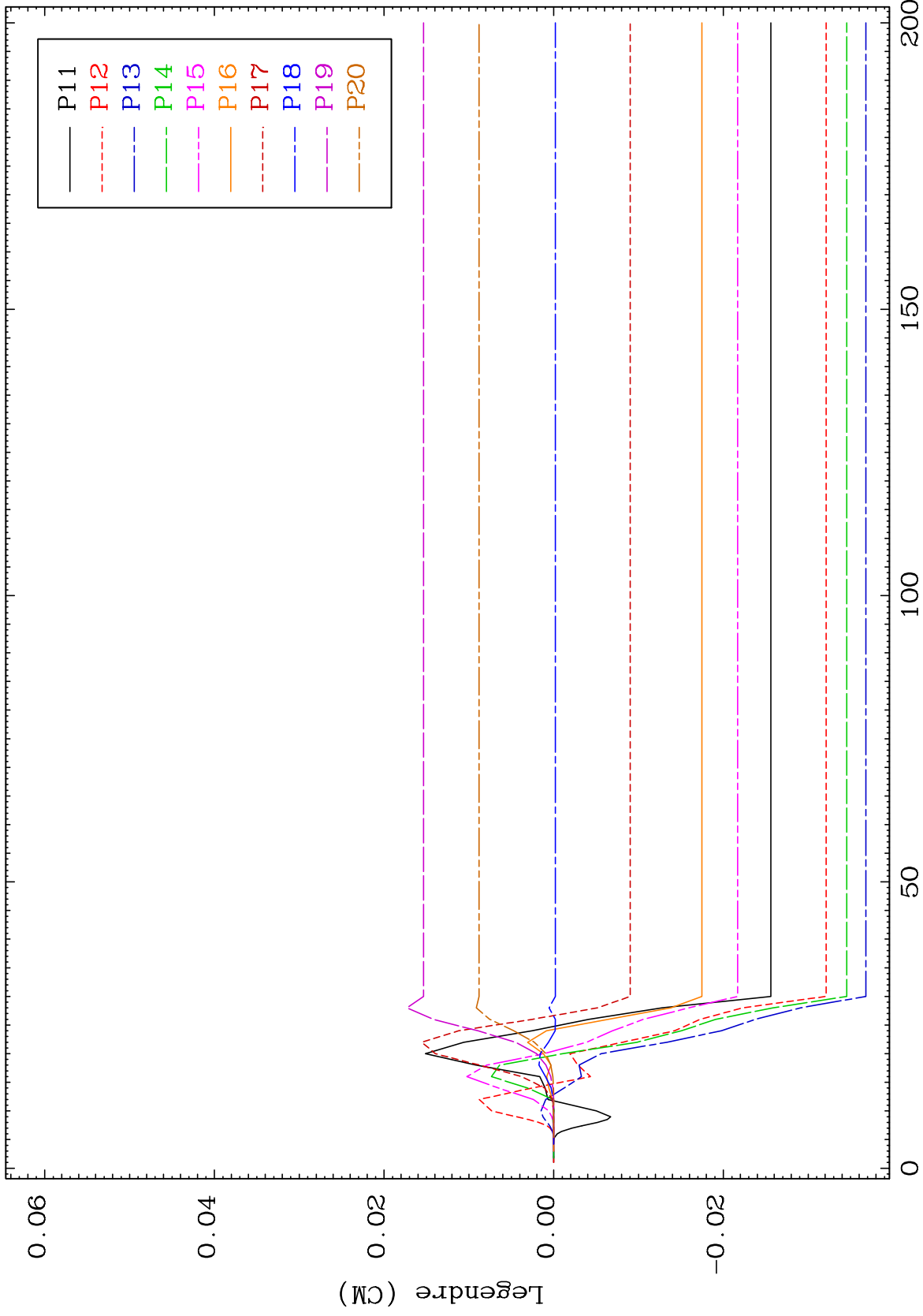
32



MAT 7698

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

77-Ir-182



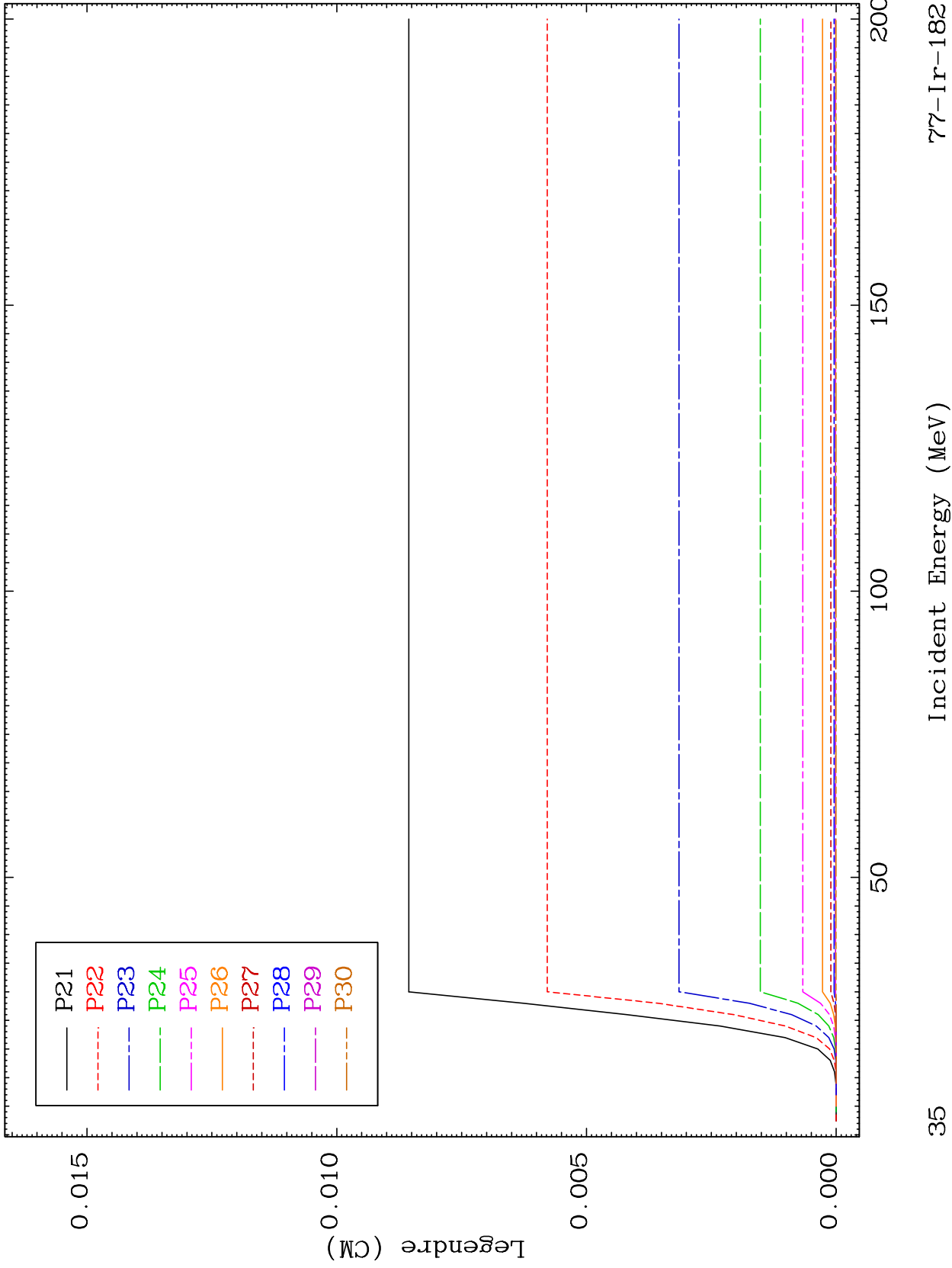
34

77-Ir-182

MAT 7698

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

77-Ir-182



35

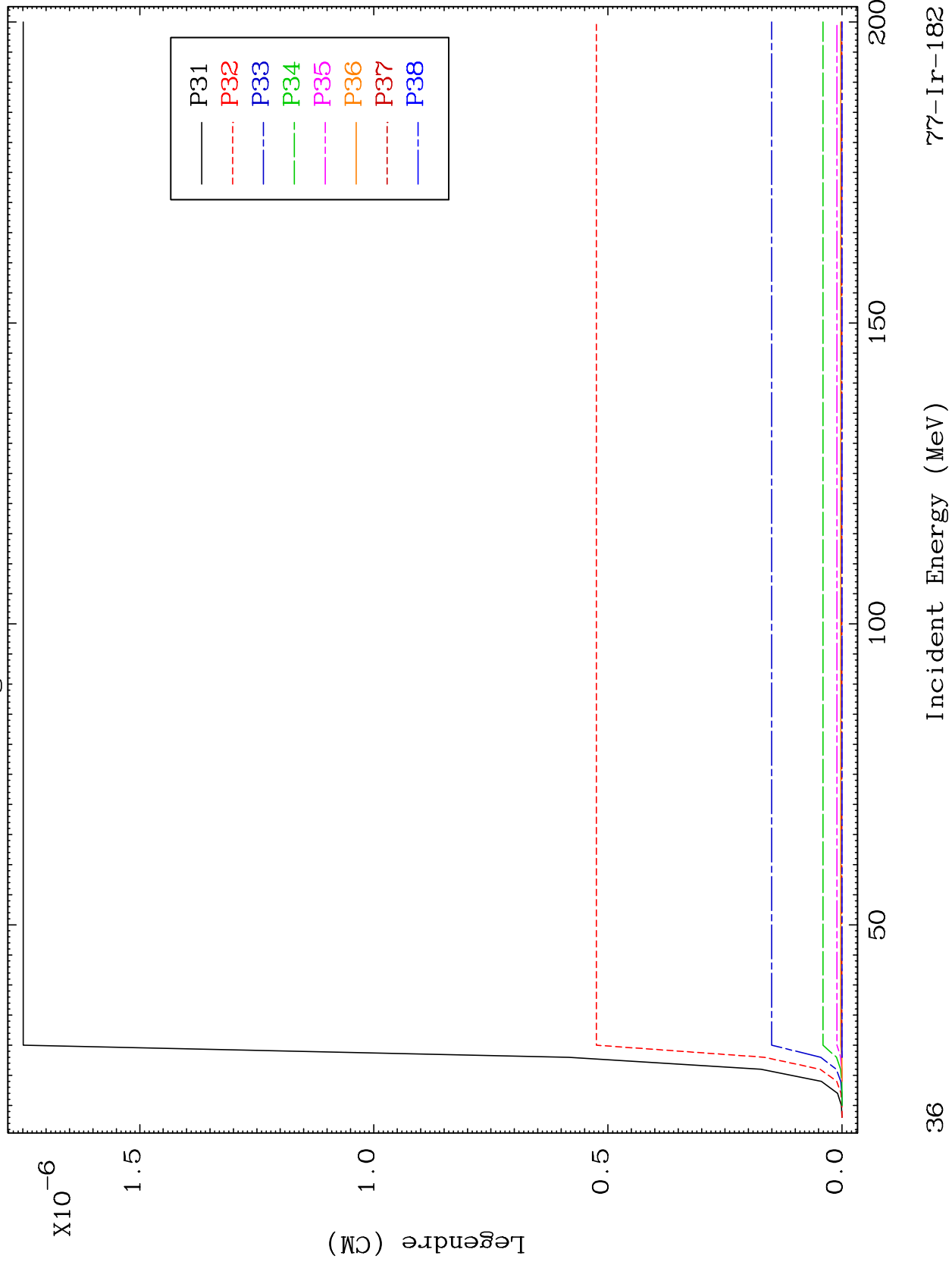
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



36

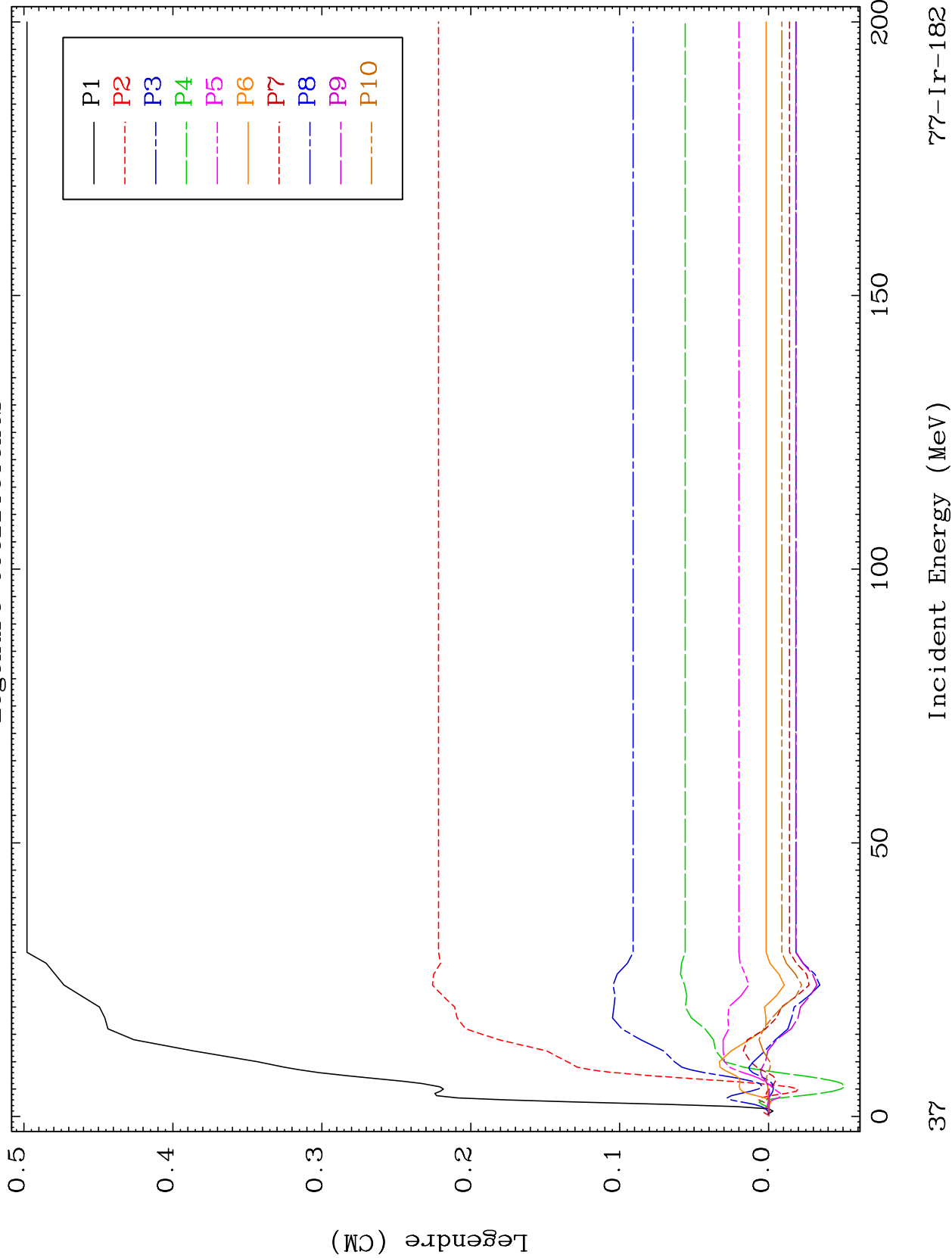
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

⁷⁷Ir-182



⁷⁷Ir-182

Incident Energy (MeV)

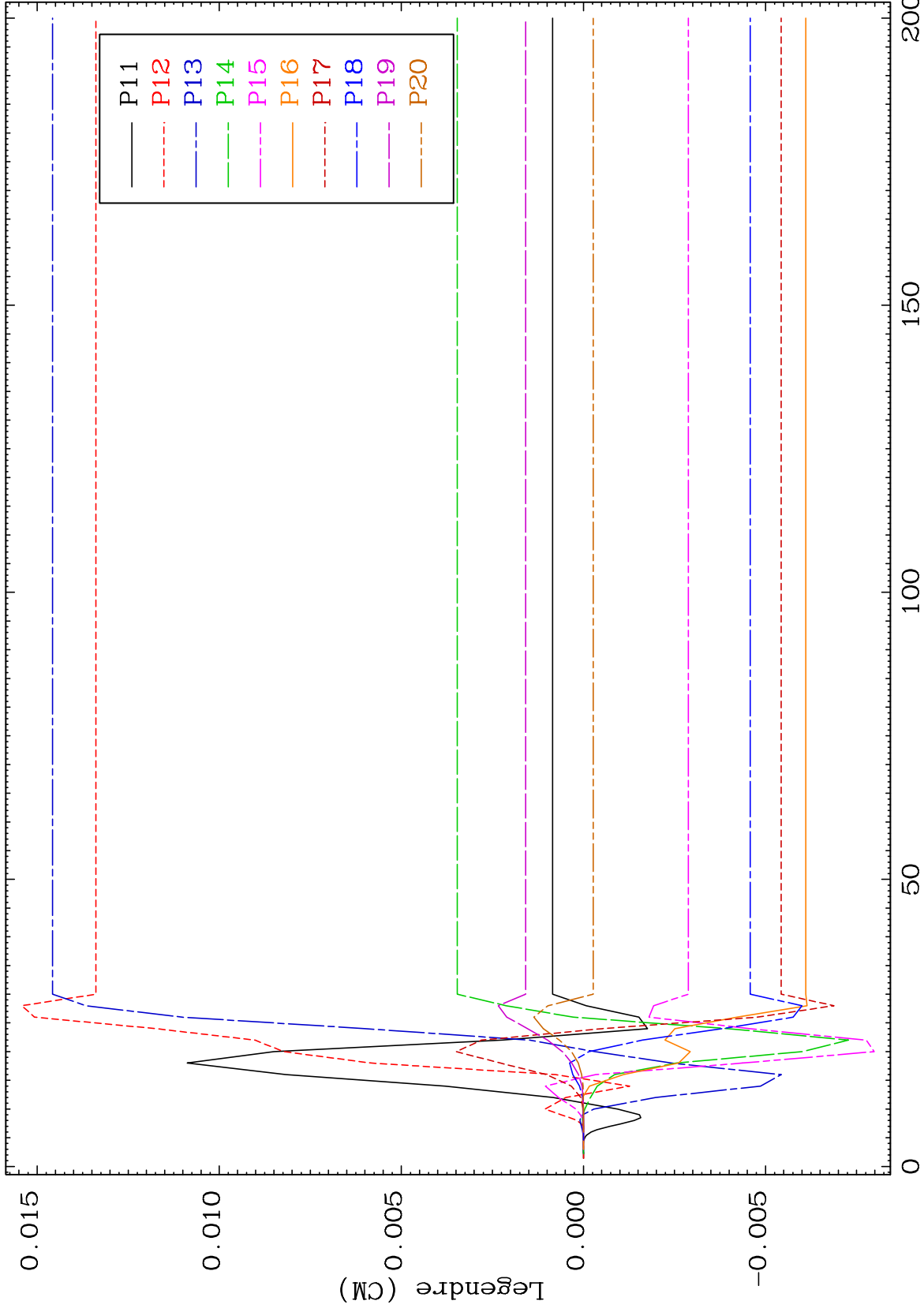
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MAT 7698

MT= 56 (n,n') Level

77-Ir-182

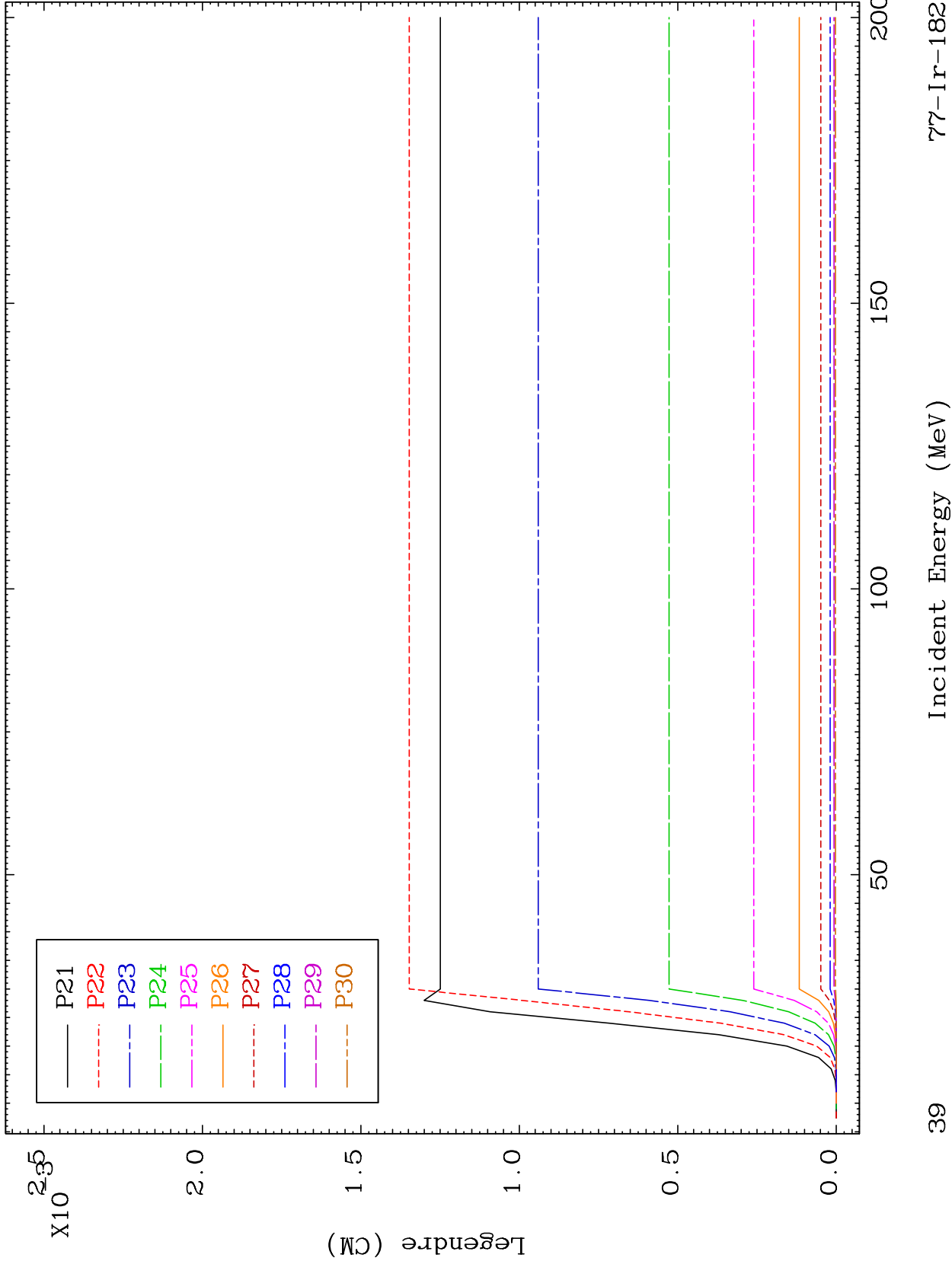
Legendre Coefficients



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Incident Energy (MeV)

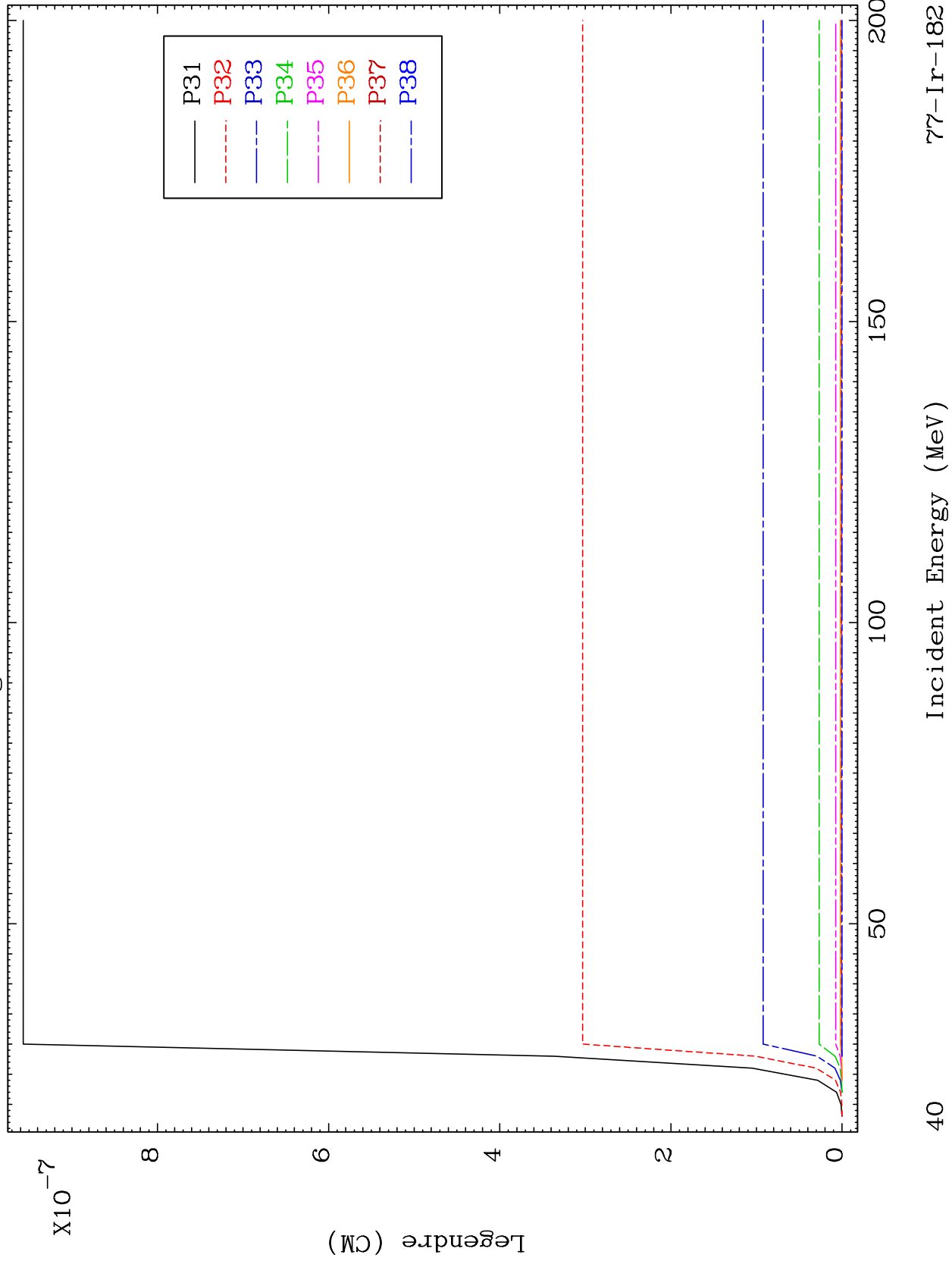
77-Ir-182



MAT 7698

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

77-Ir-182

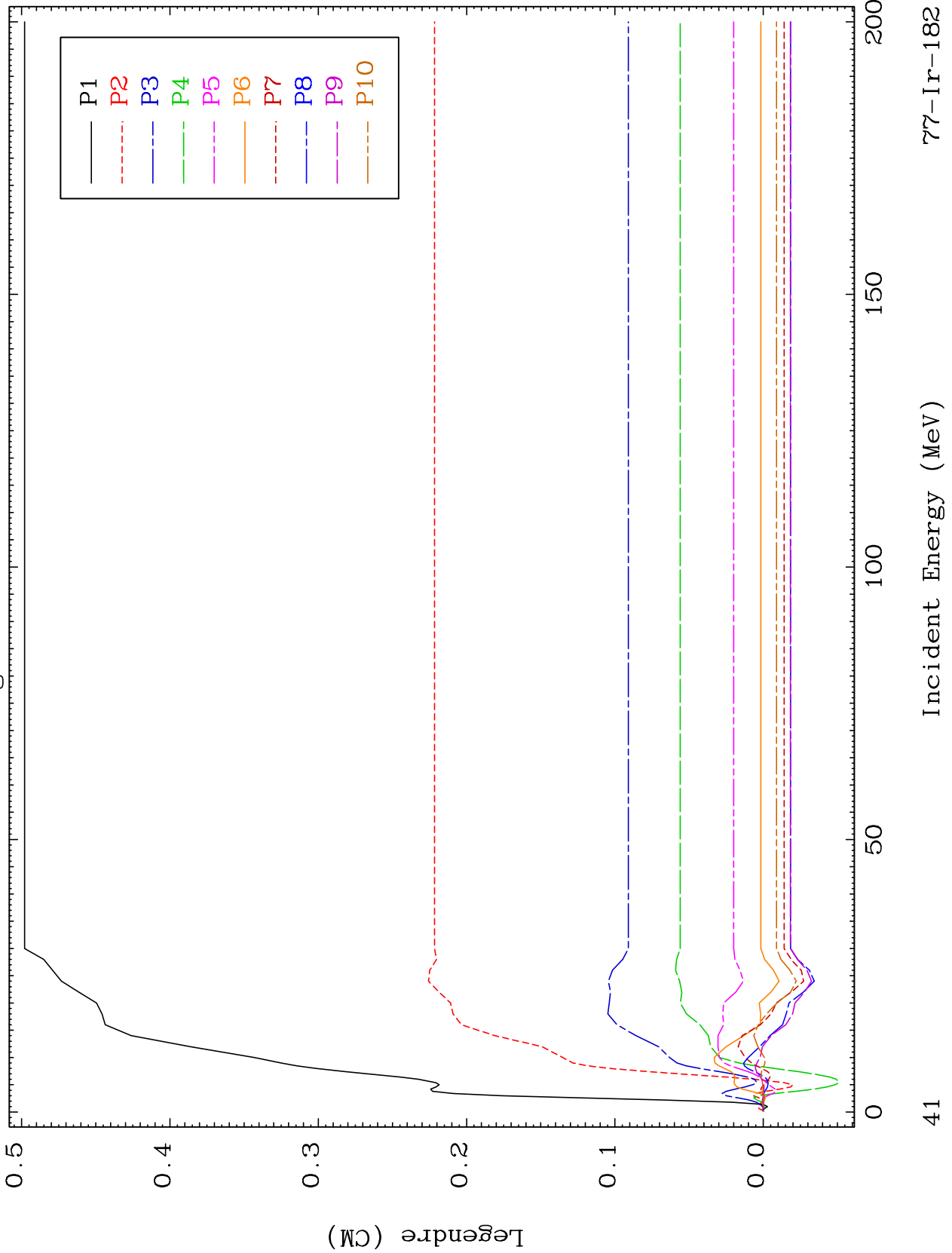


77-Ir-182

MAT 7698

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

77-Ir-182

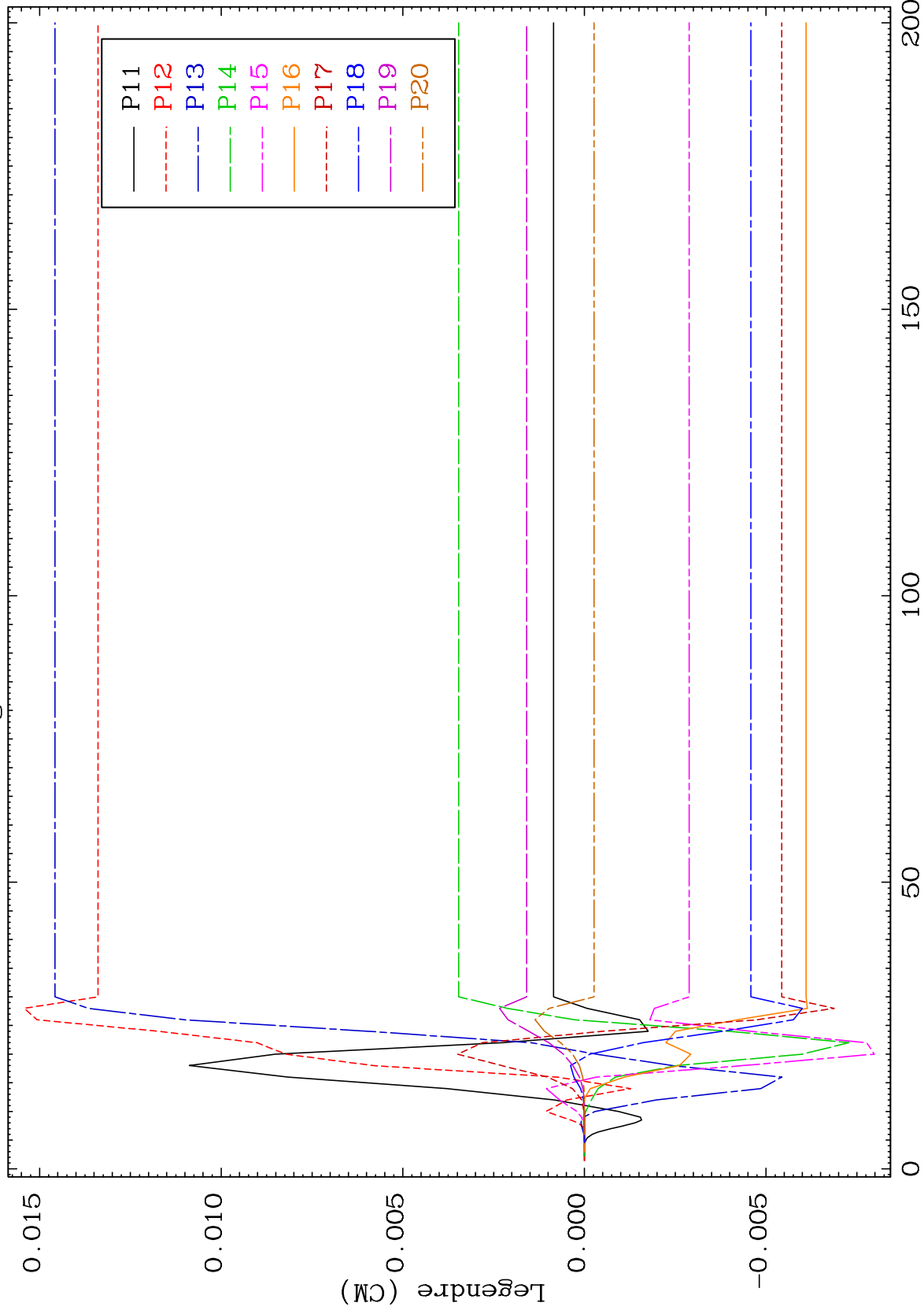


MAT 7698

MT= 57 (n,n') Level

77-Ir-182

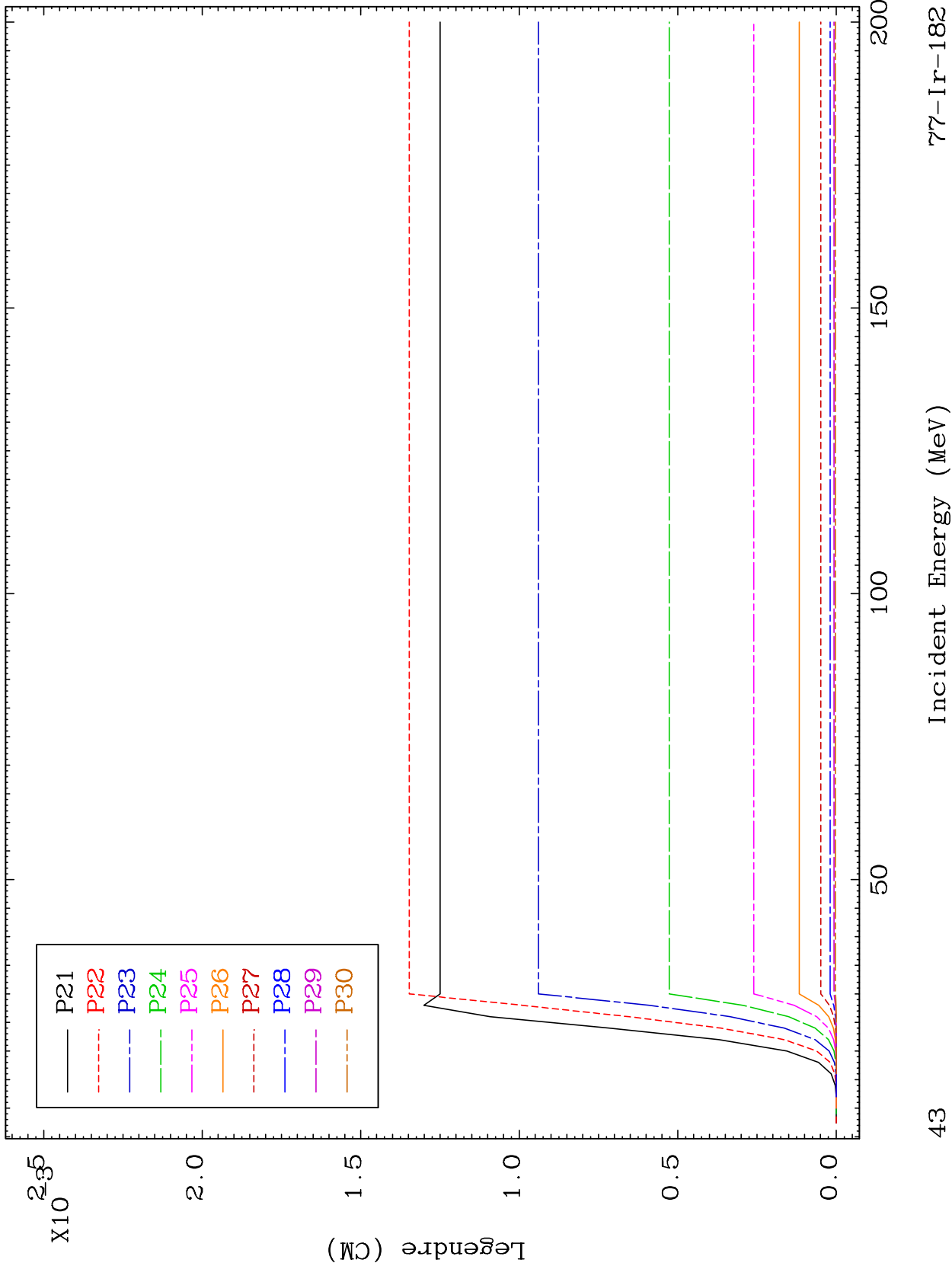
Legendre Coefficients



42

Incident Energy (MeV)

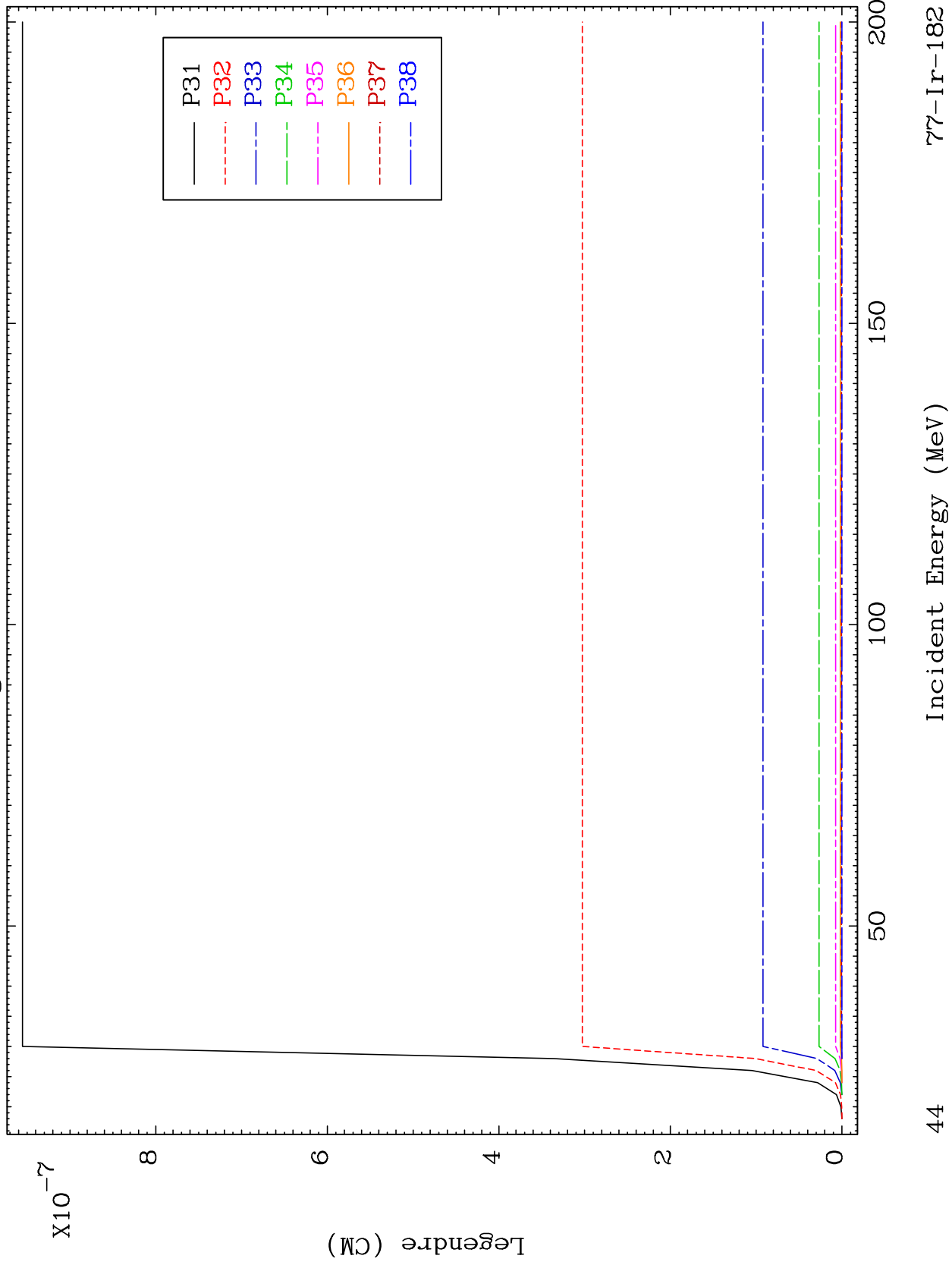
77-Ir-182



MAT 7698

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

77-Ir-182



44

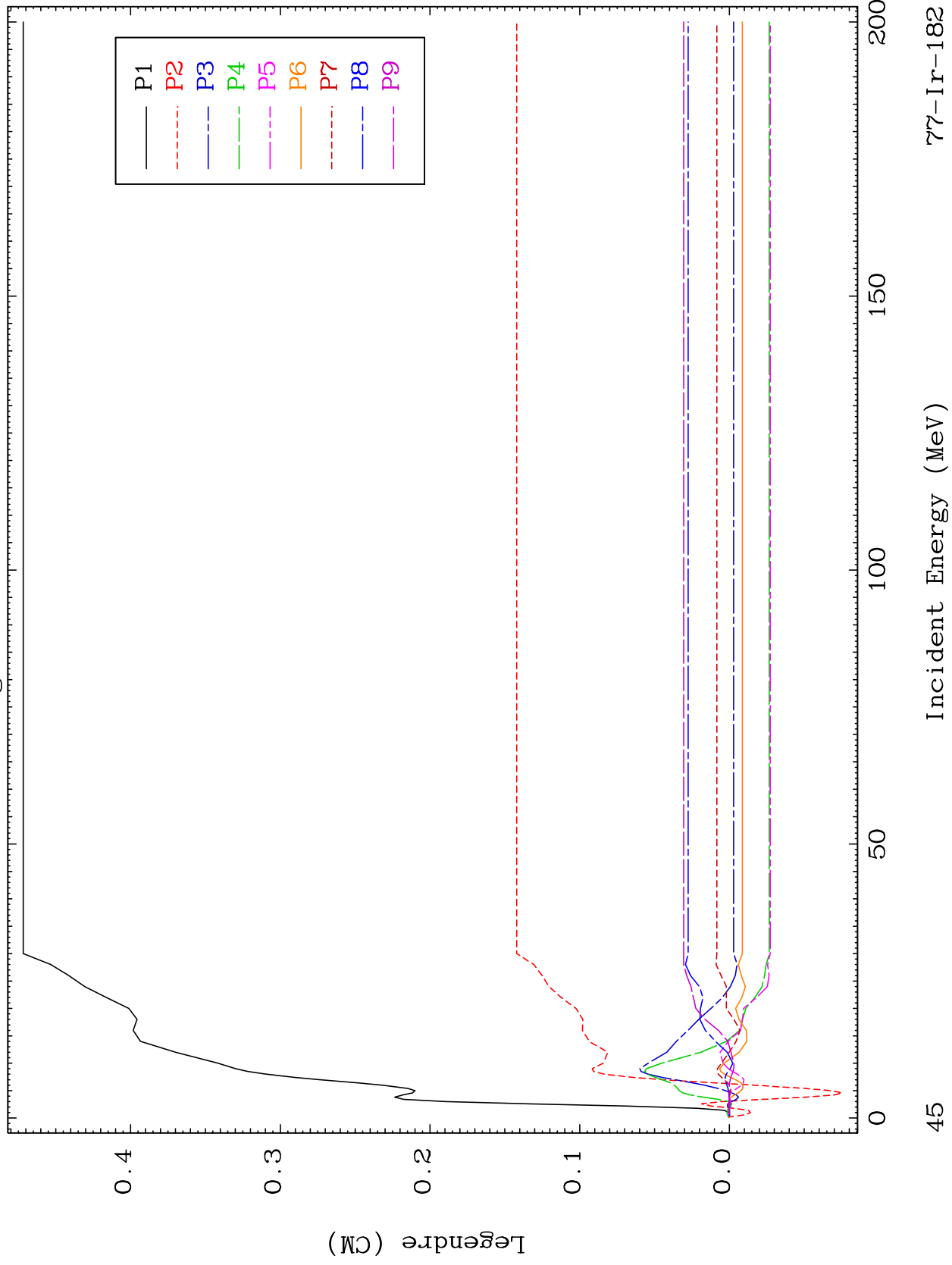
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

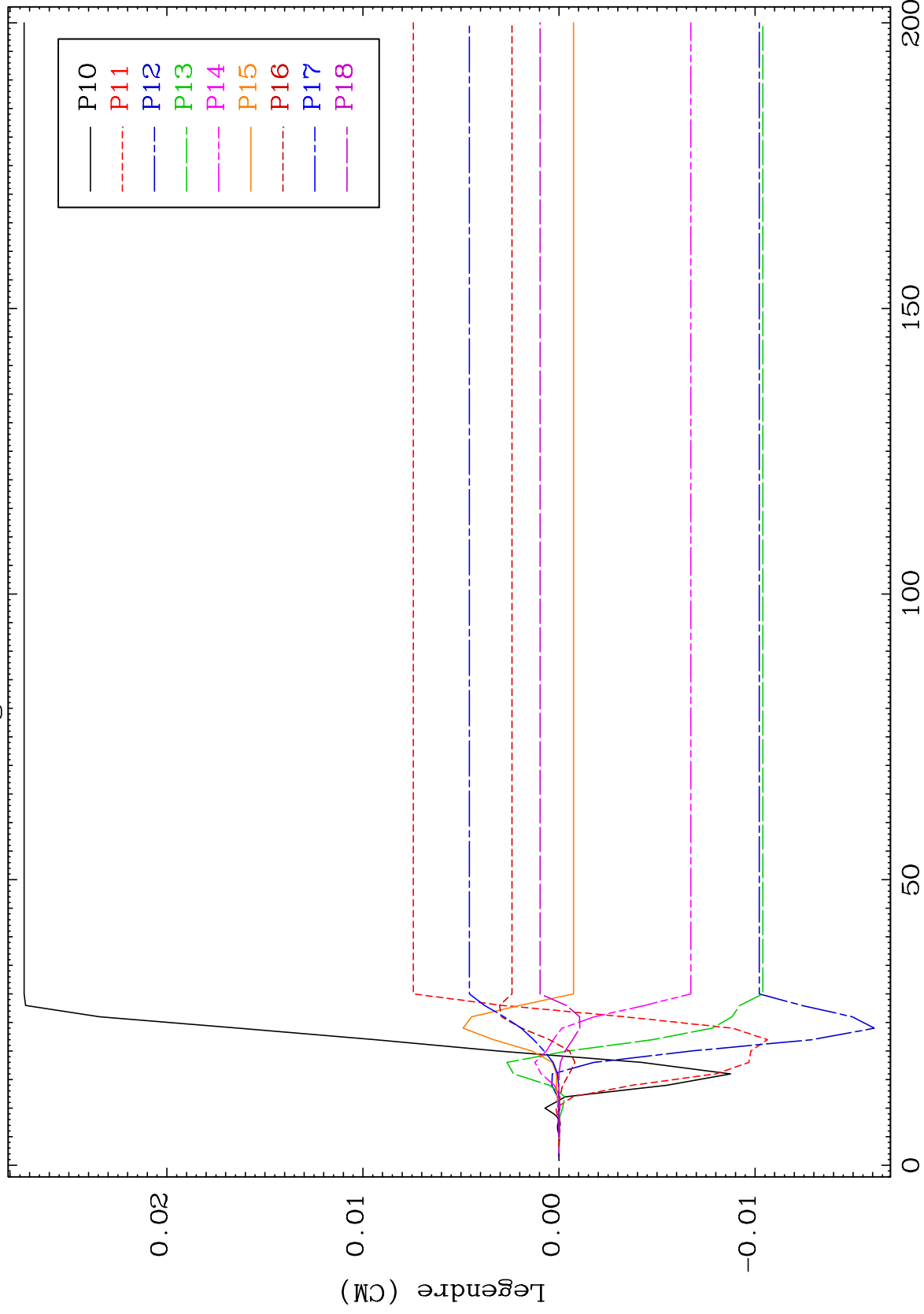
Incident Energy (MeV)

45

MAT 7698

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

77-Ir-182



46

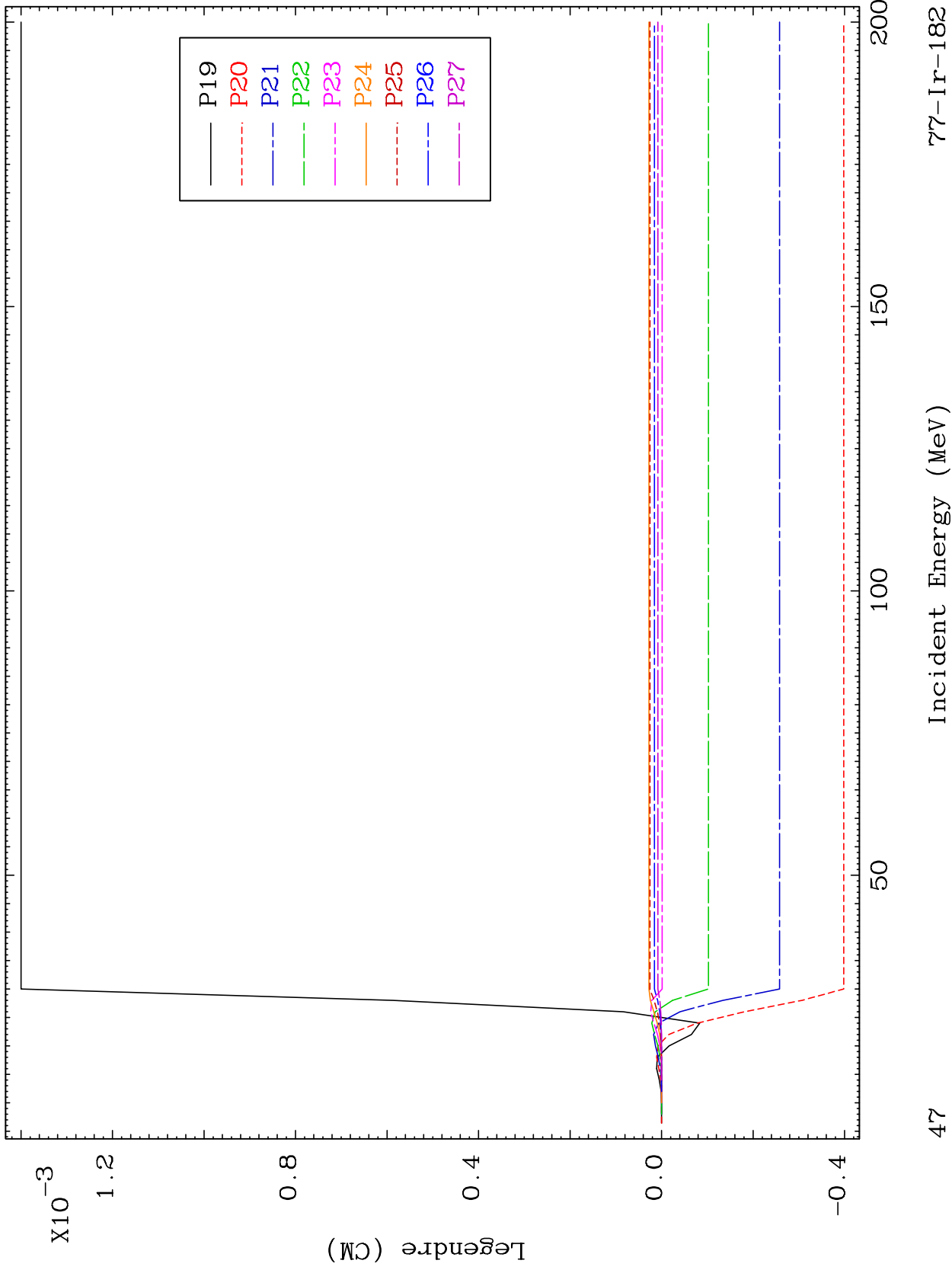
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



47

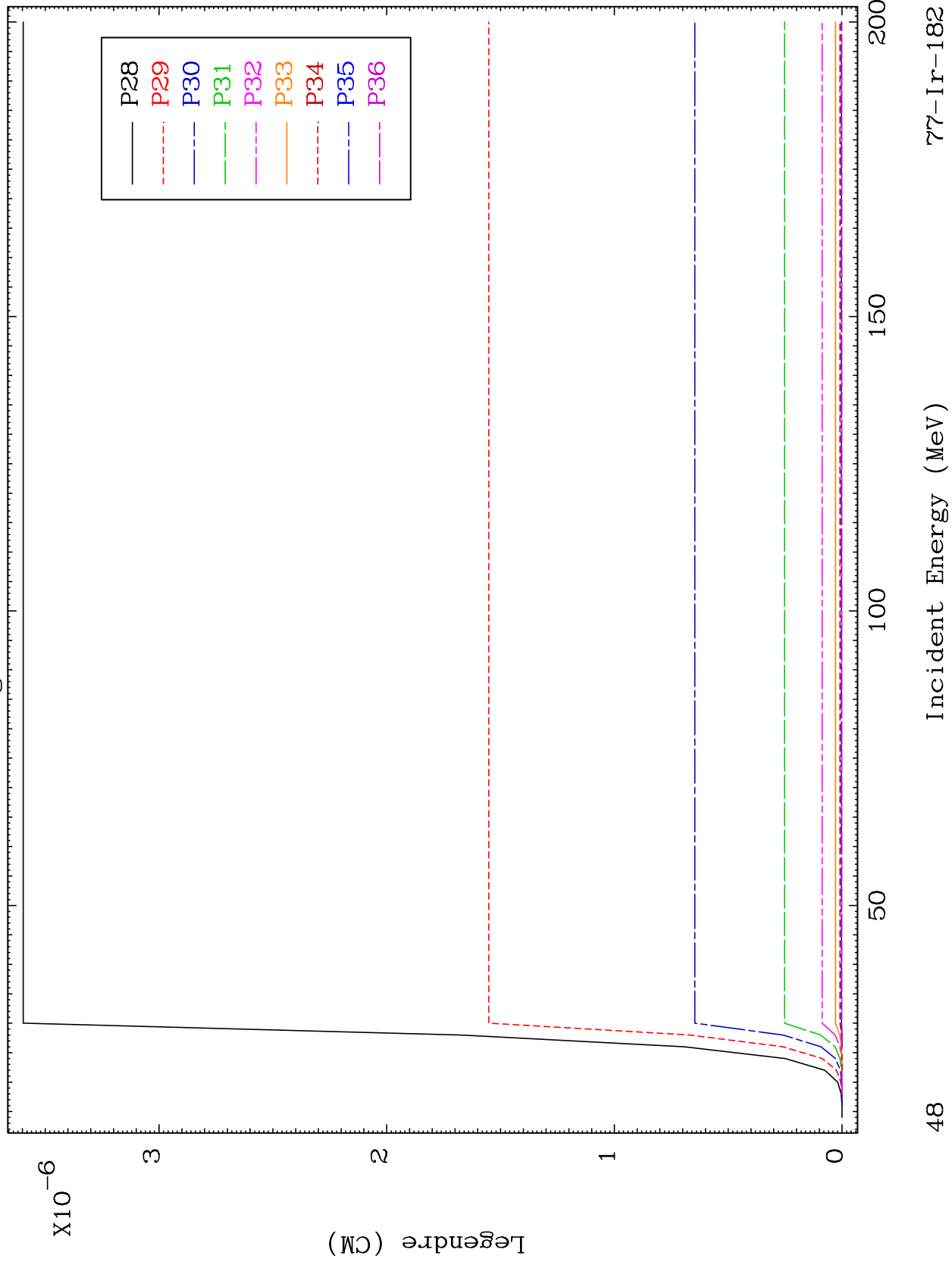
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



48

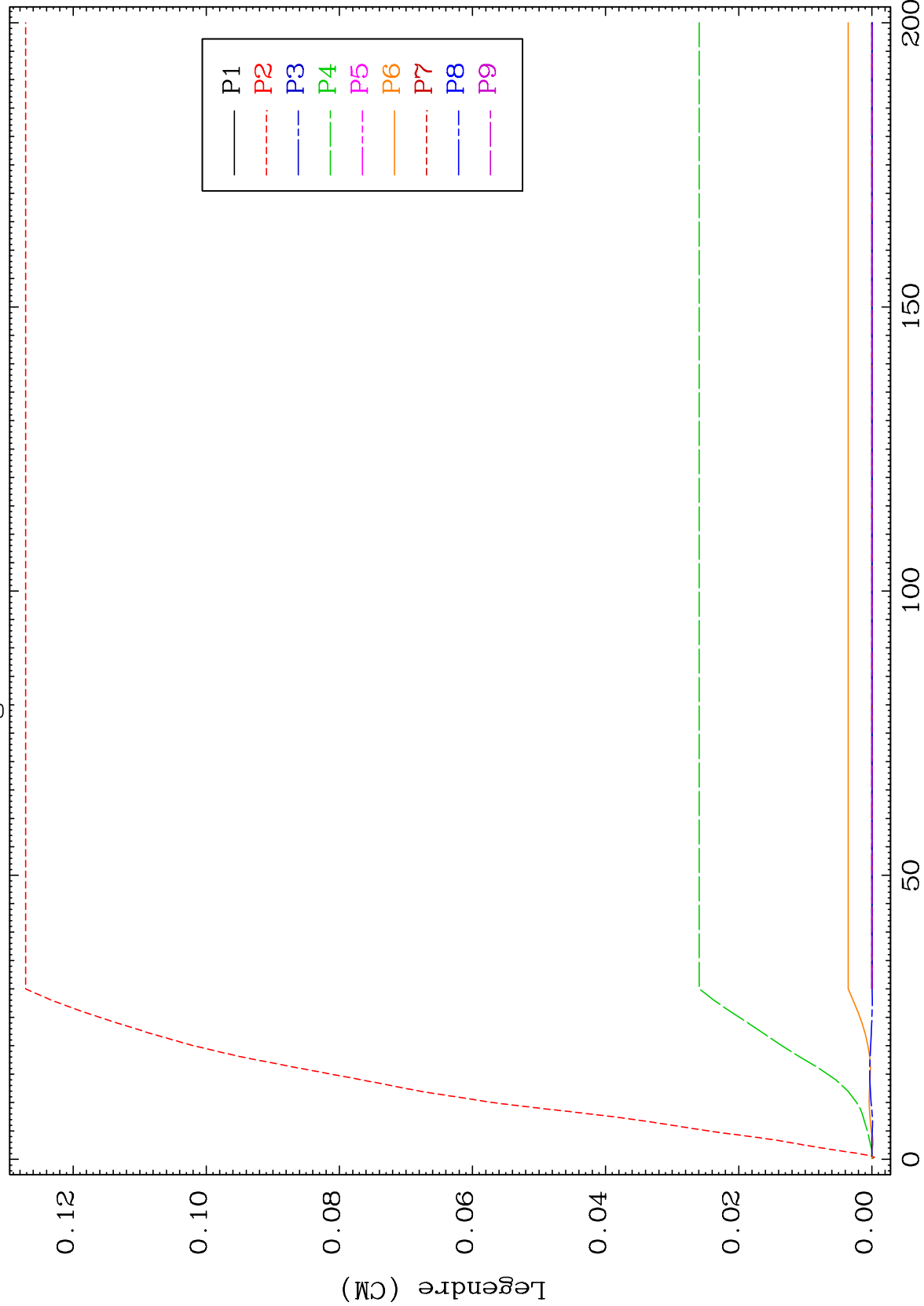
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



49

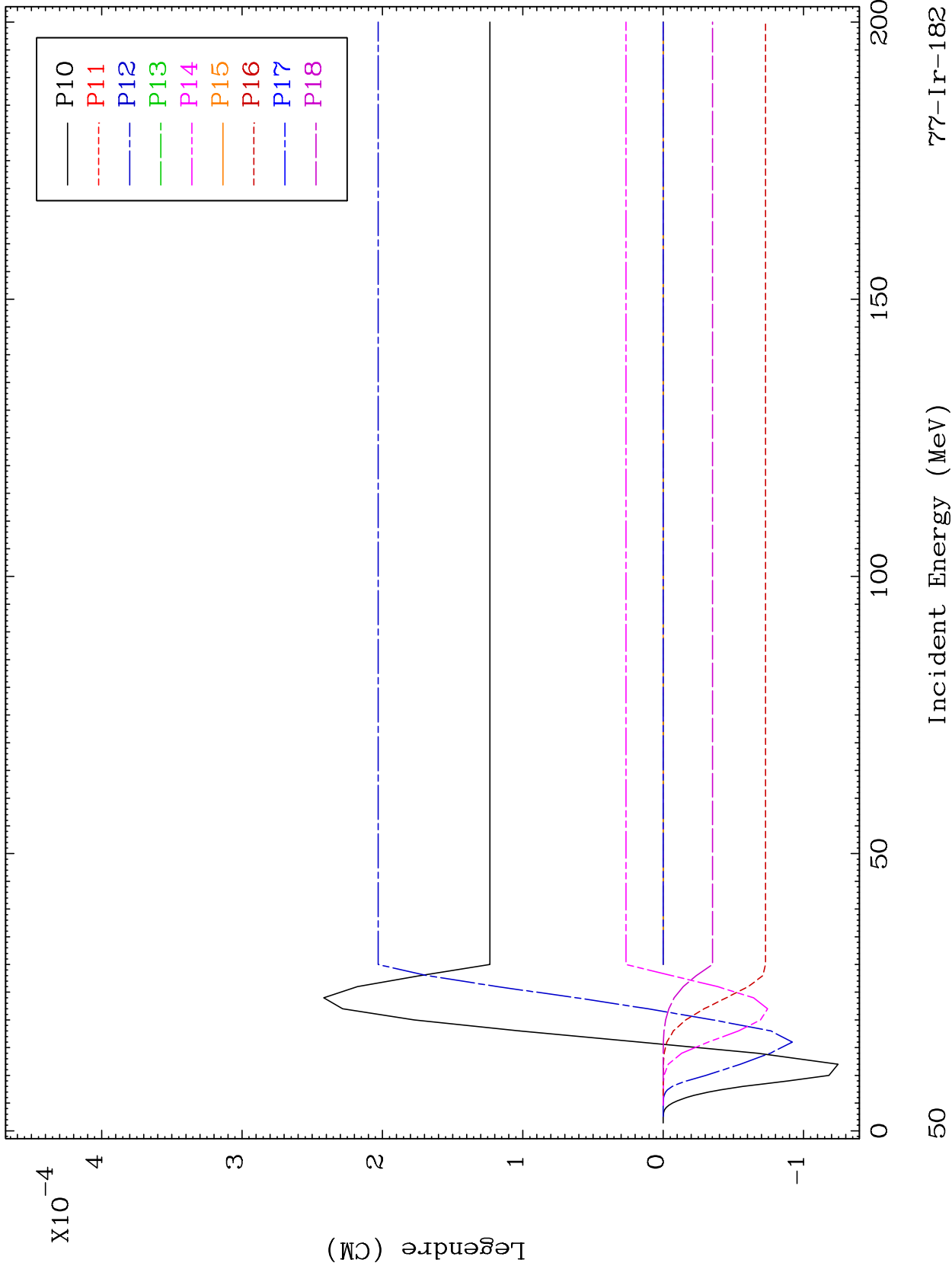
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182

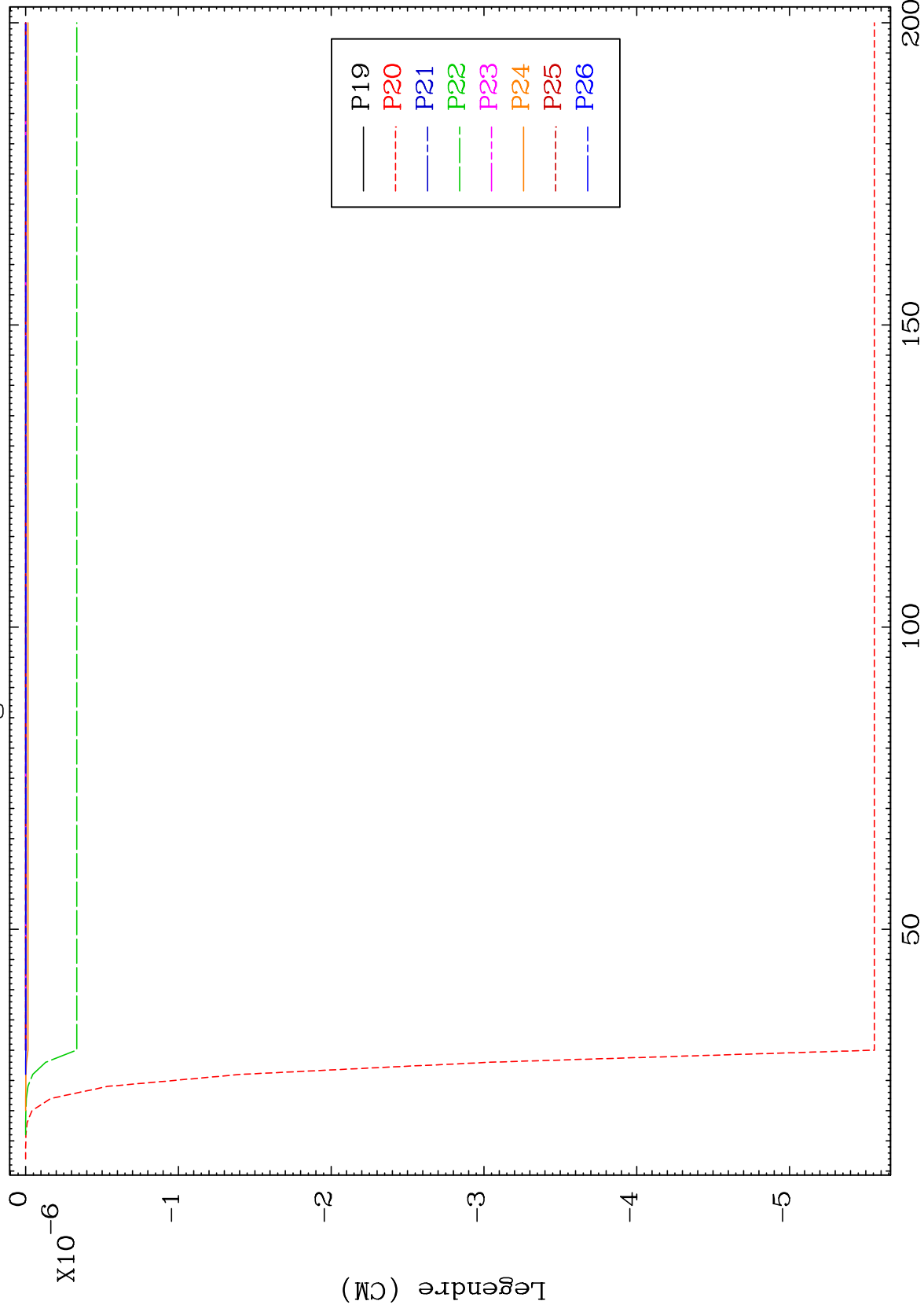


77-Ir-182

MAT 7698

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

77-Ir-182



51

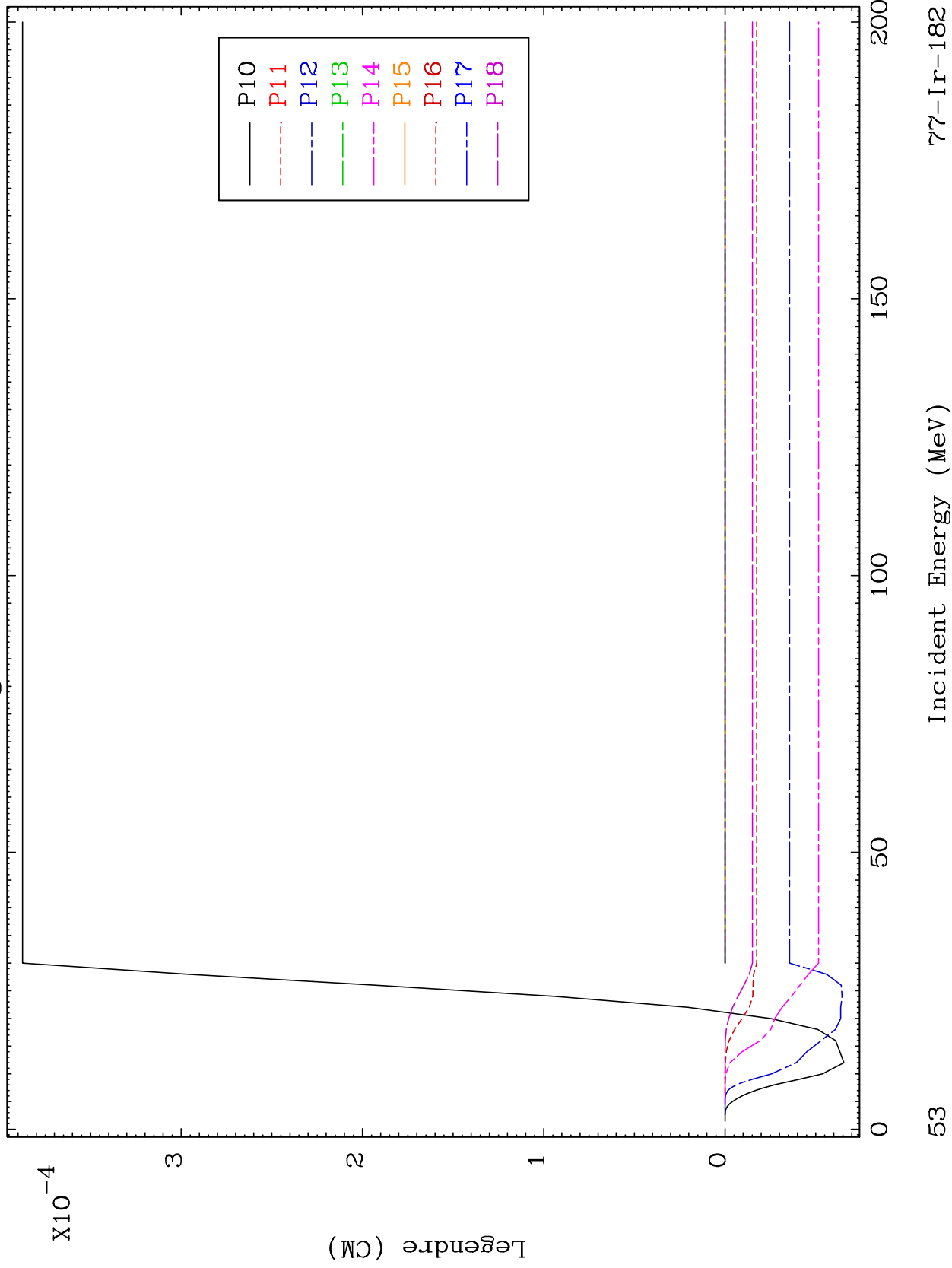
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



53

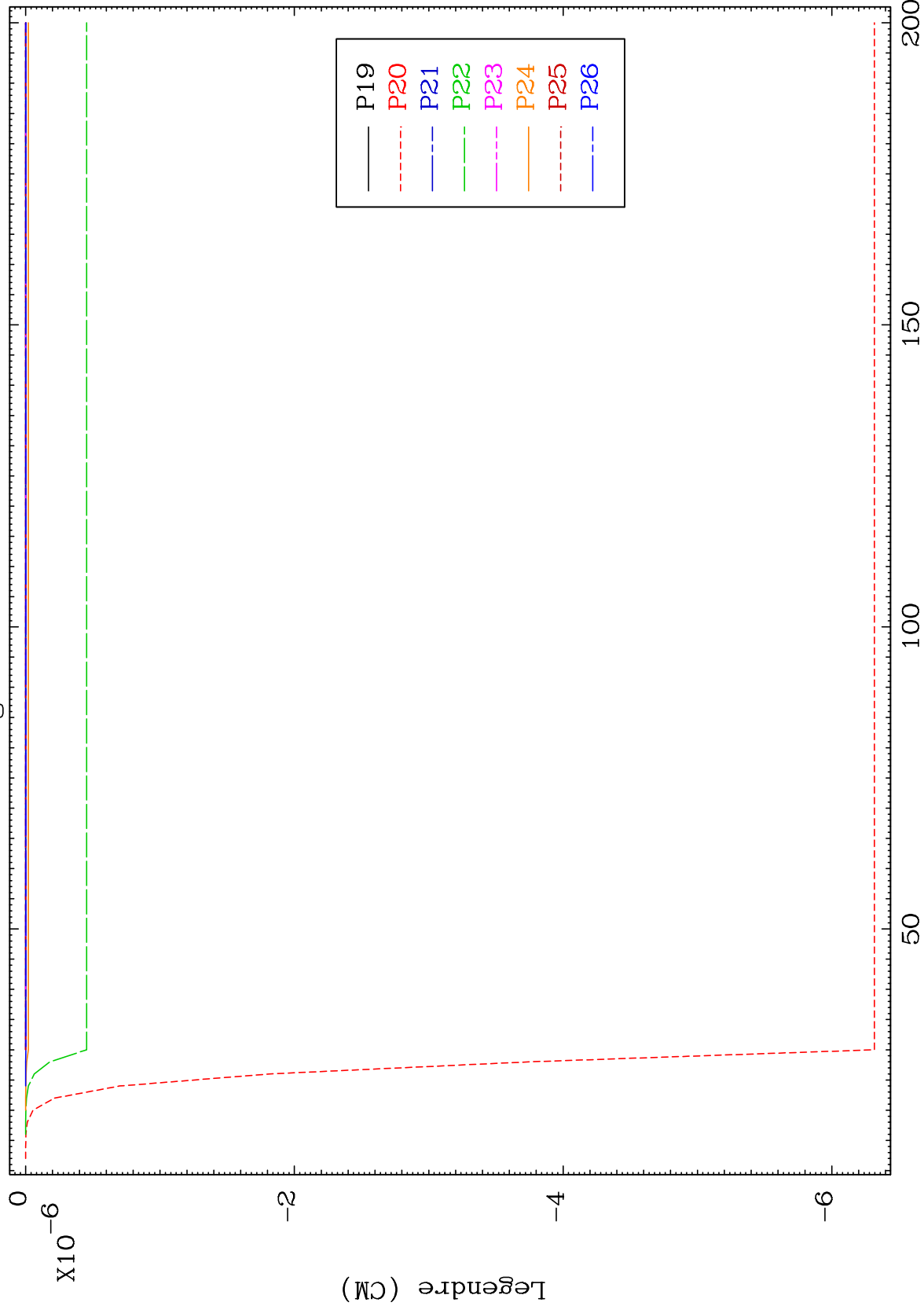
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



54

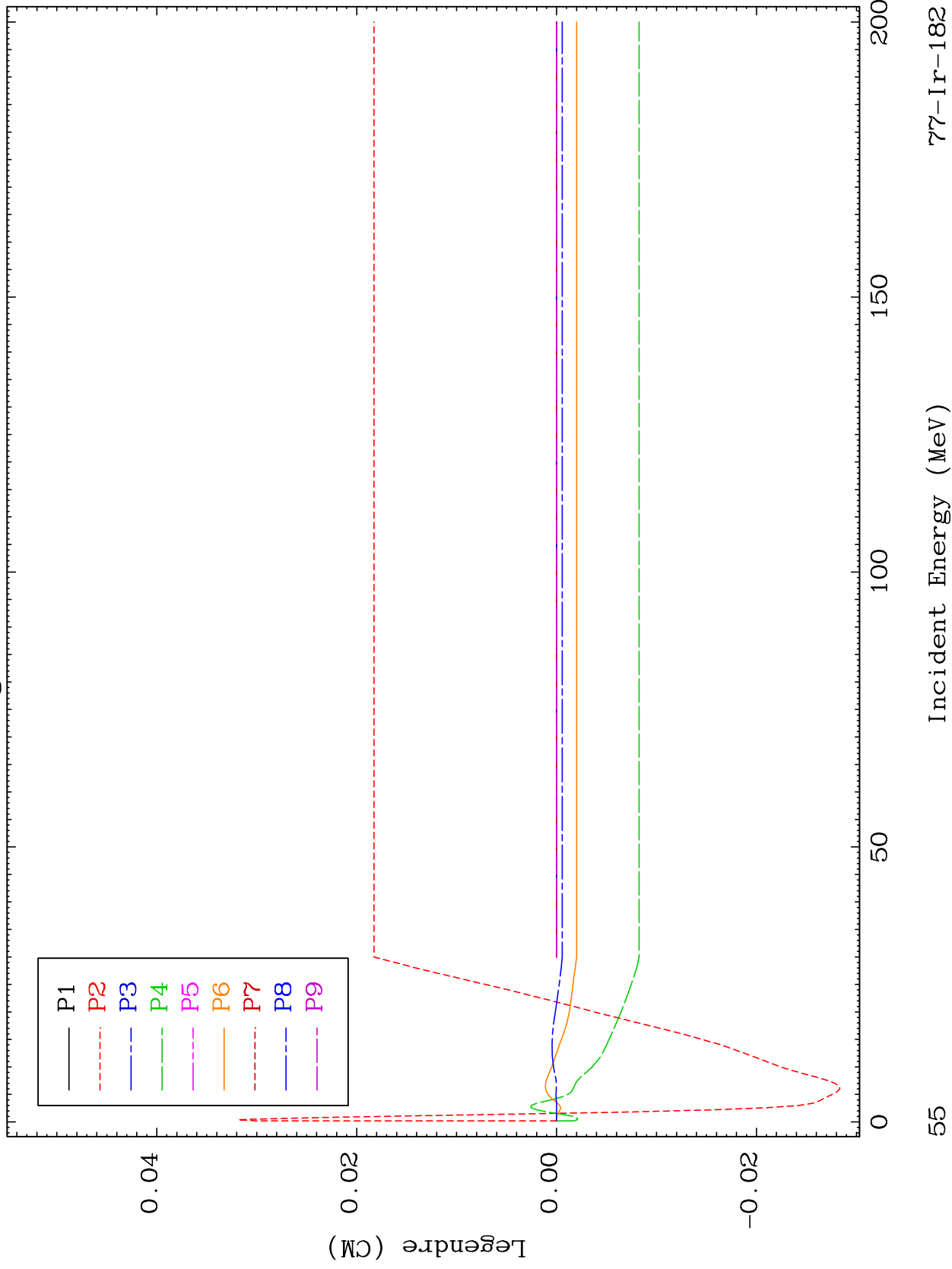
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

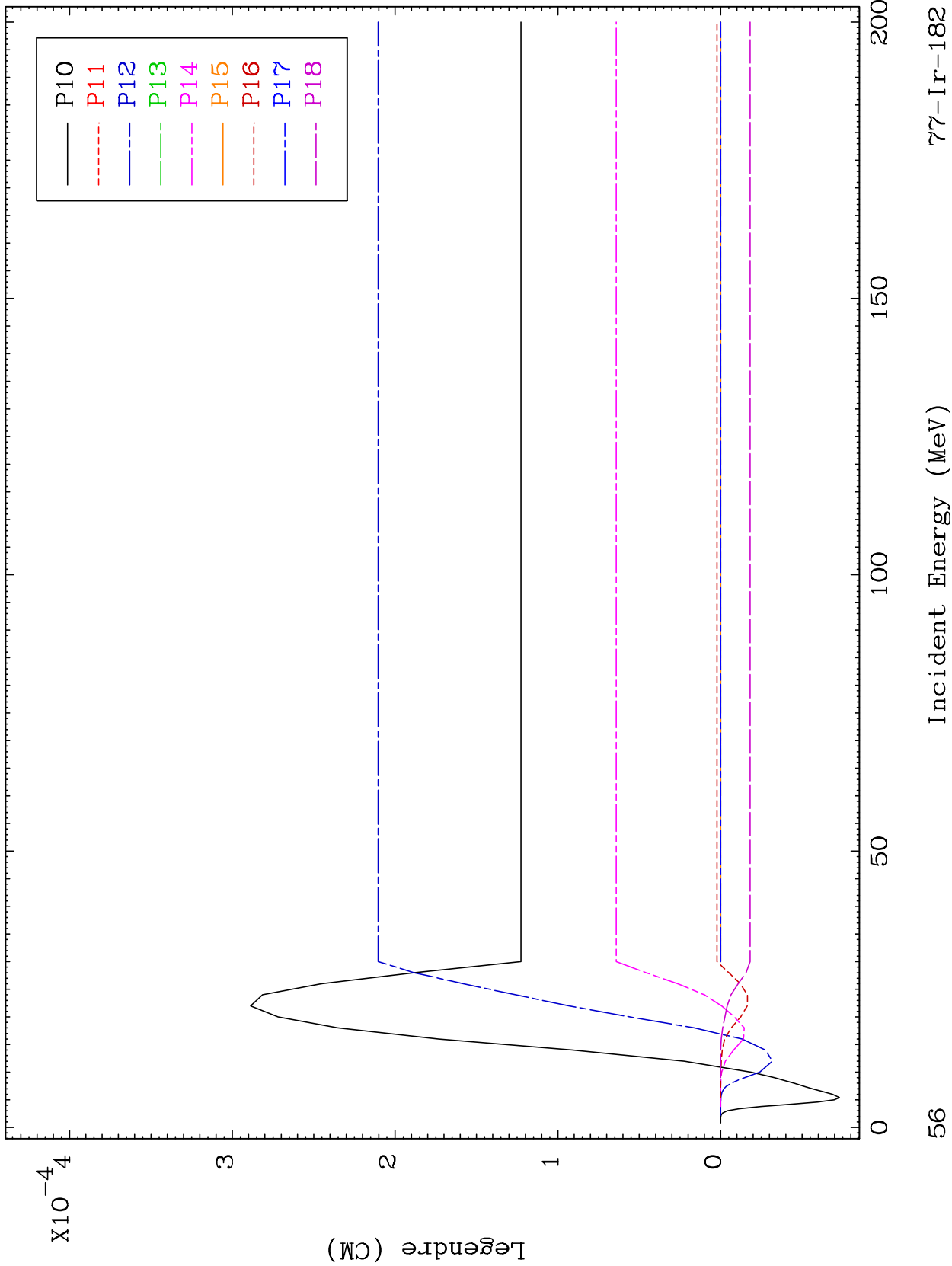
Incident Energy (MeV)

55

MAT 7698

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

77-Ir-182



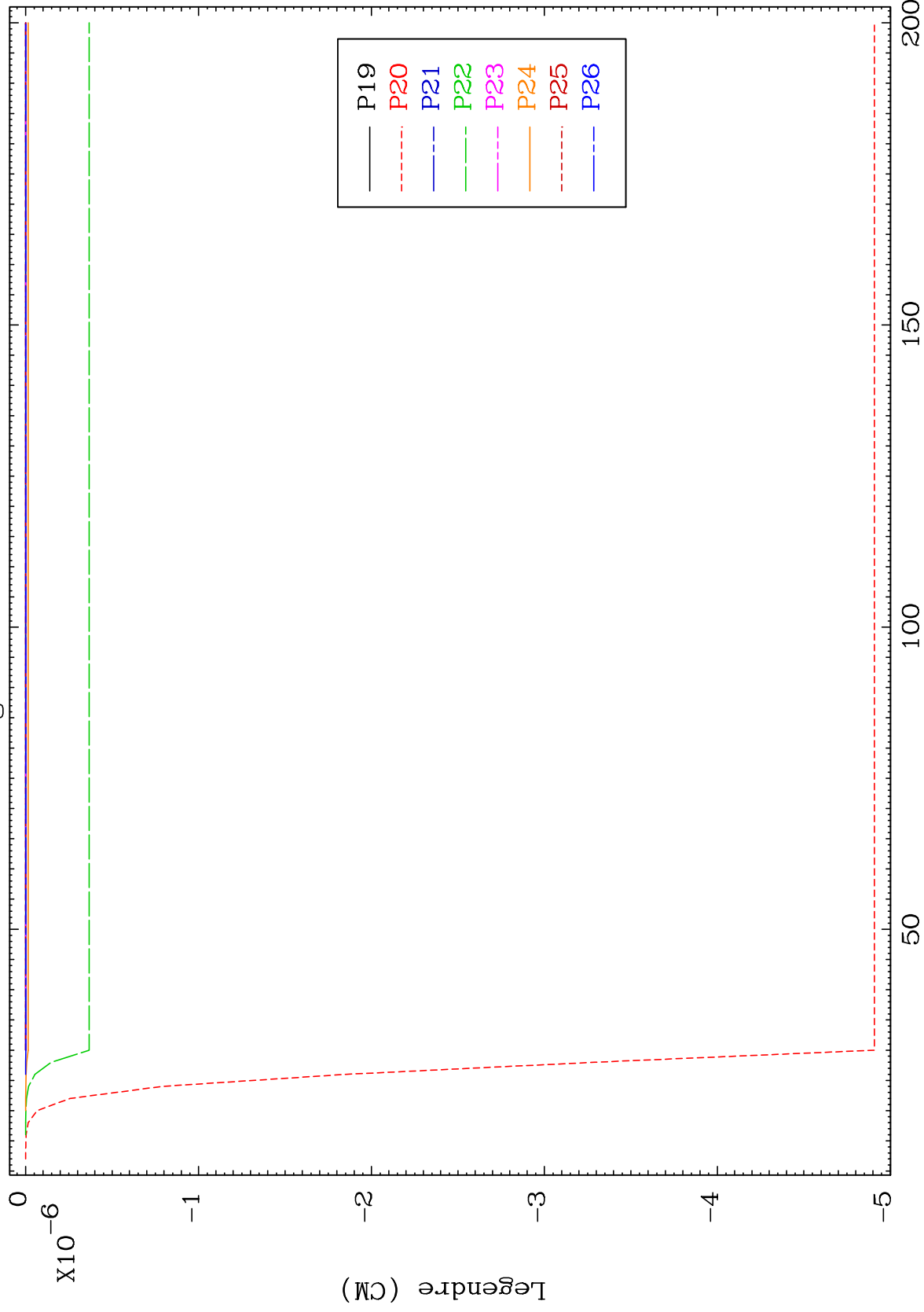
56

77-Ir-182

MAT 7698

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

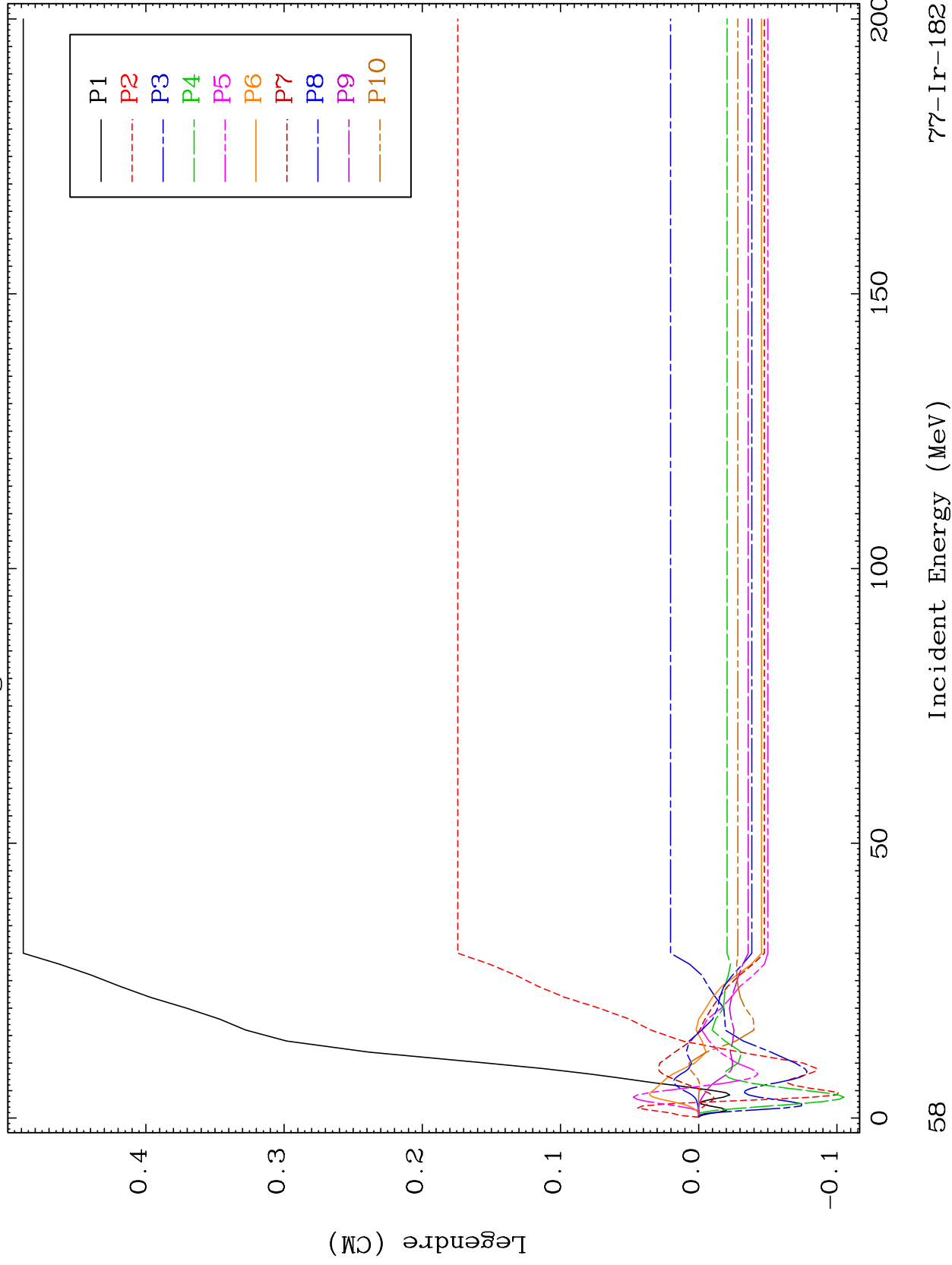
77-Ir-182



MAT 7698

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

77-Ir-182



77-Ir-182

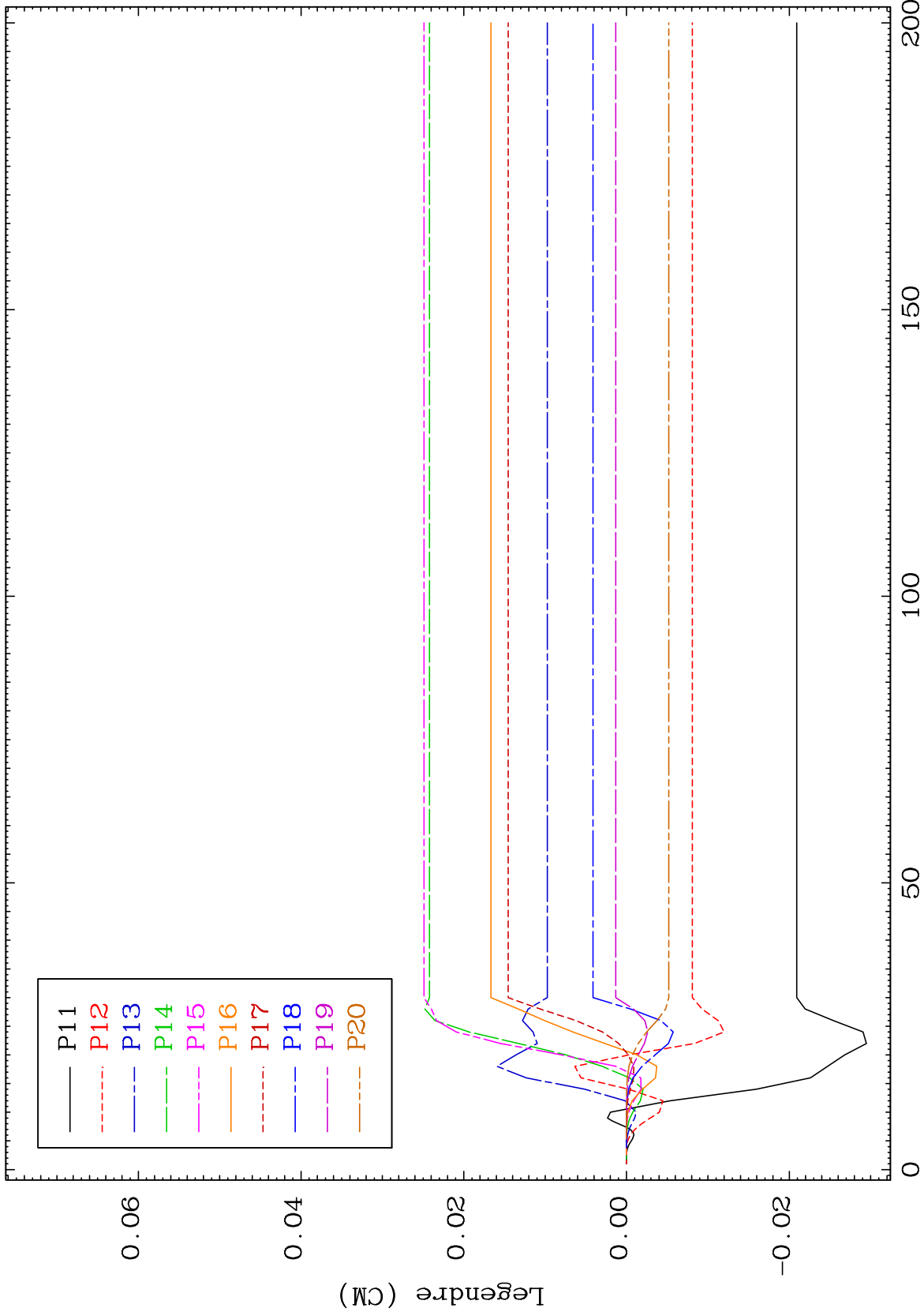
Incident Energy (MeV)

58

MAT 7698

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

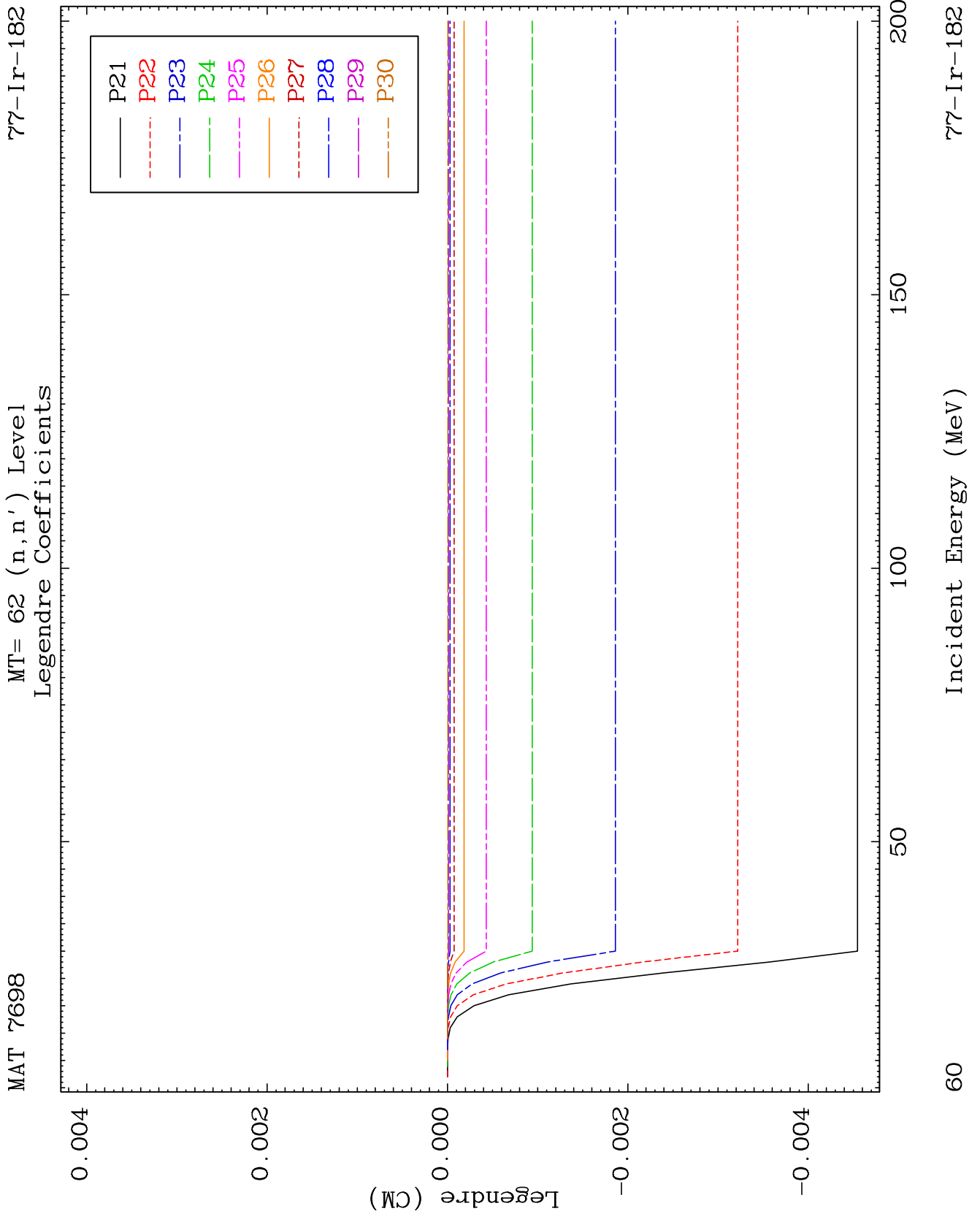
77-Ir-182



59

Incident Energy (MeV)

77-Ir-182

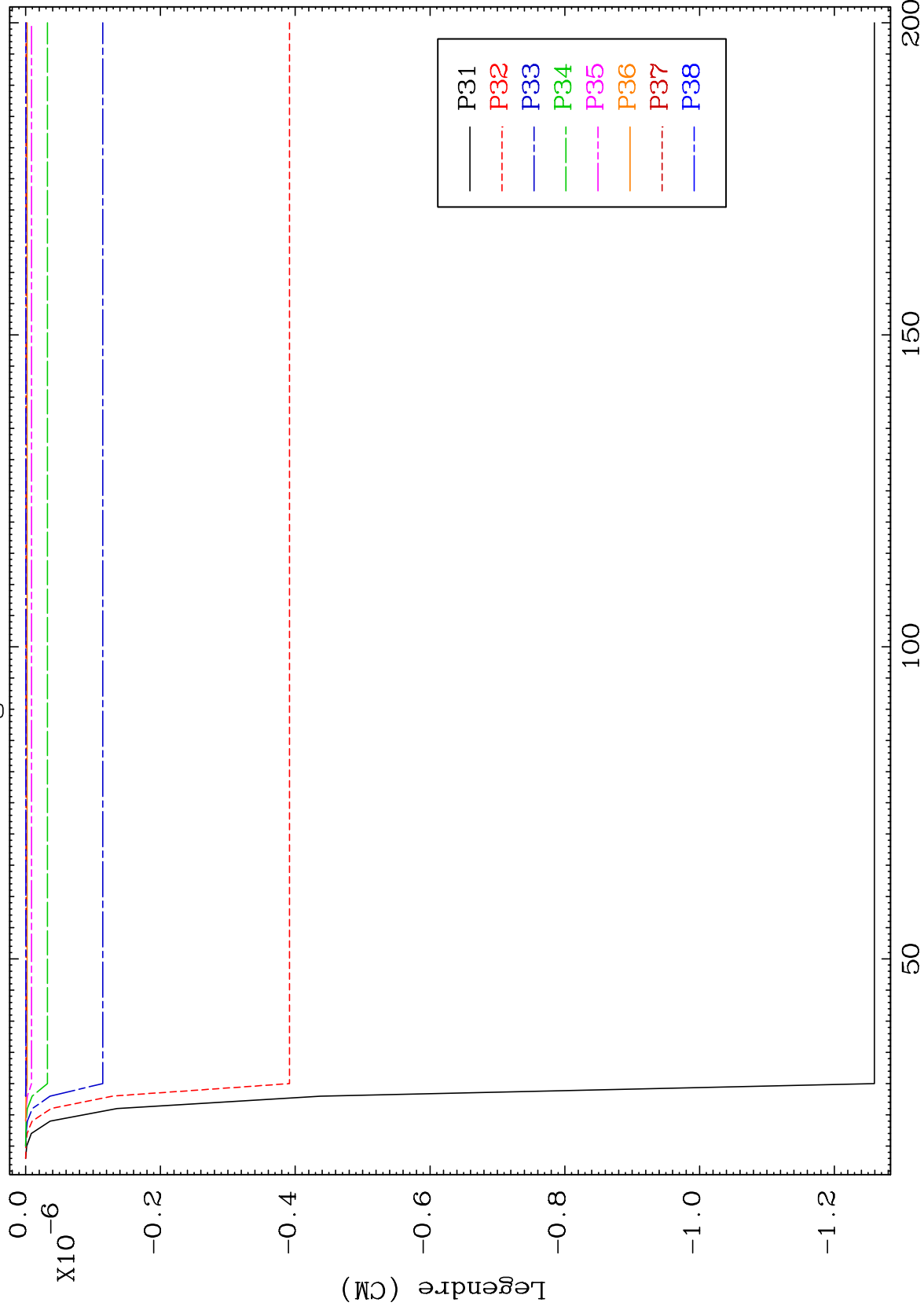


MAT 7698

MT= 62 (n,n') Level

77-Ir-182

Legendre Coefficients



61

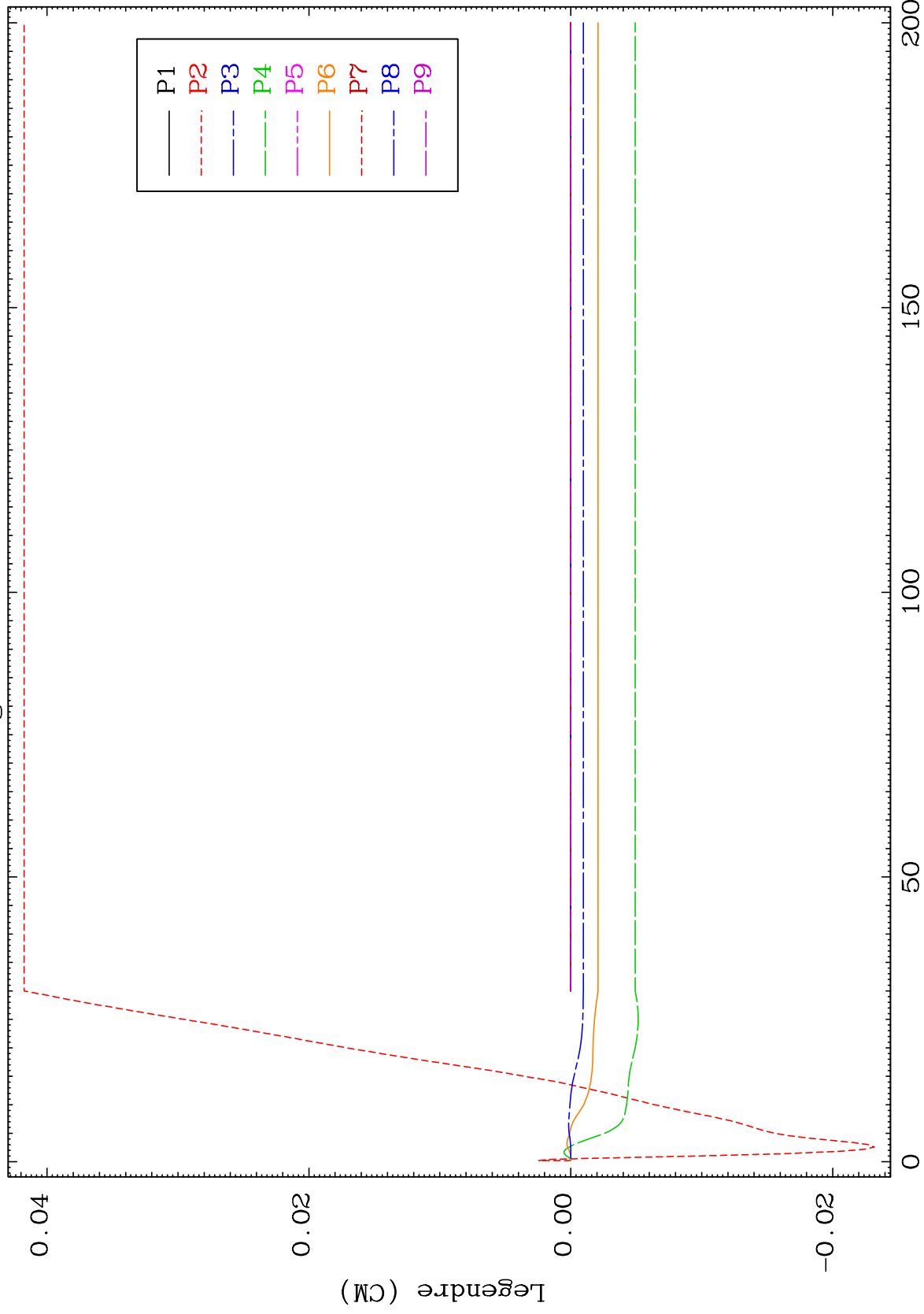
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



62

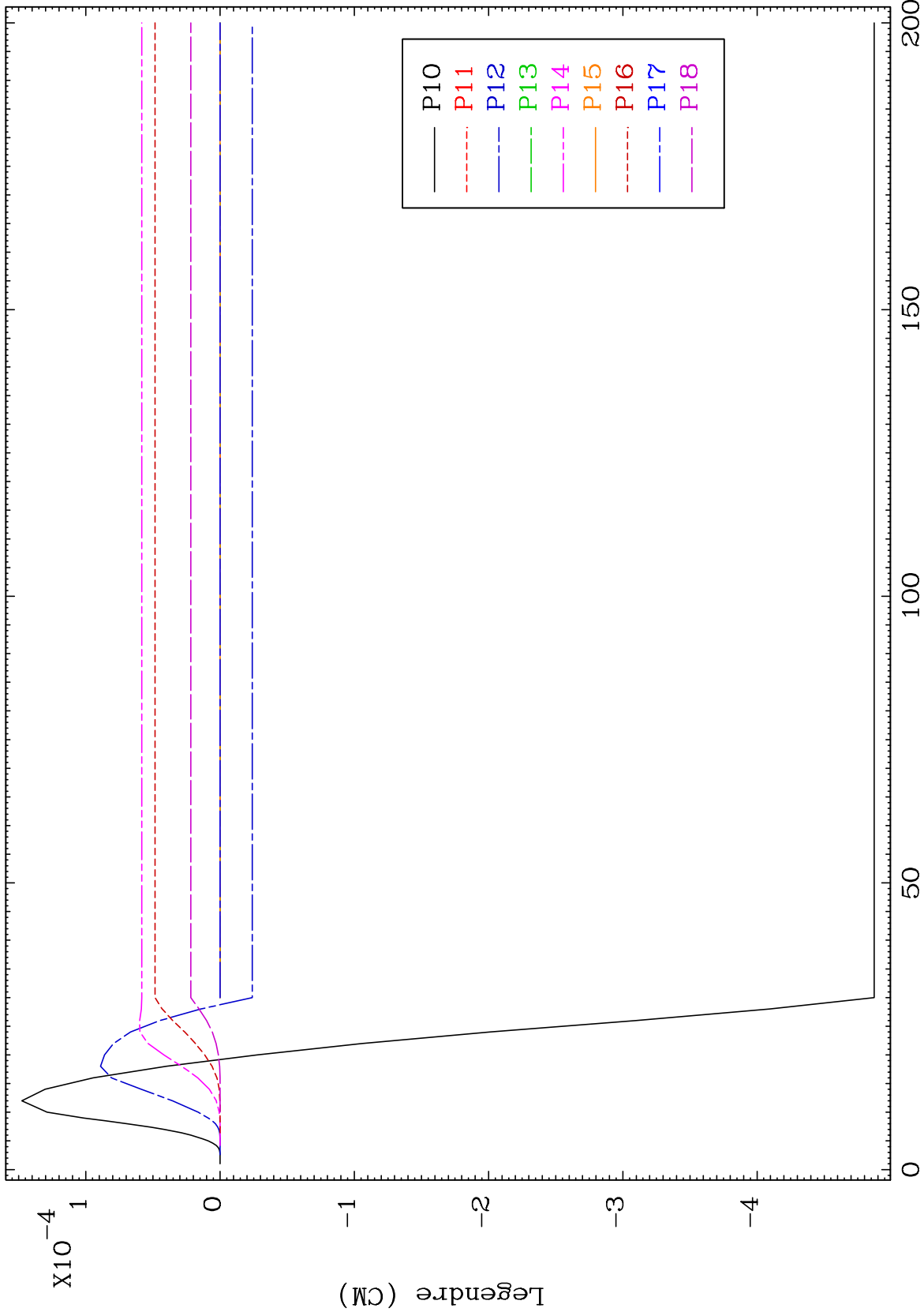
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



63

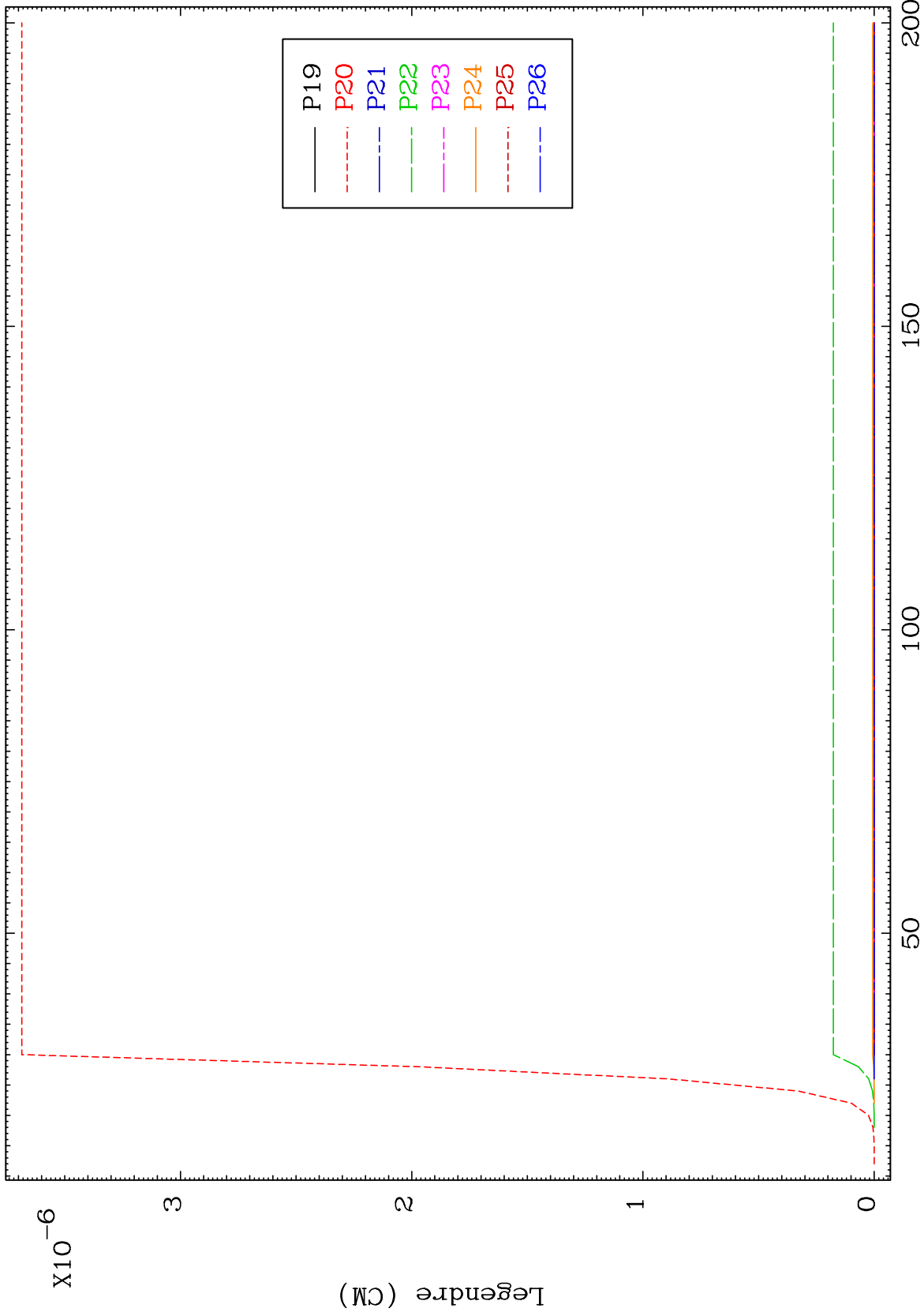
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



64

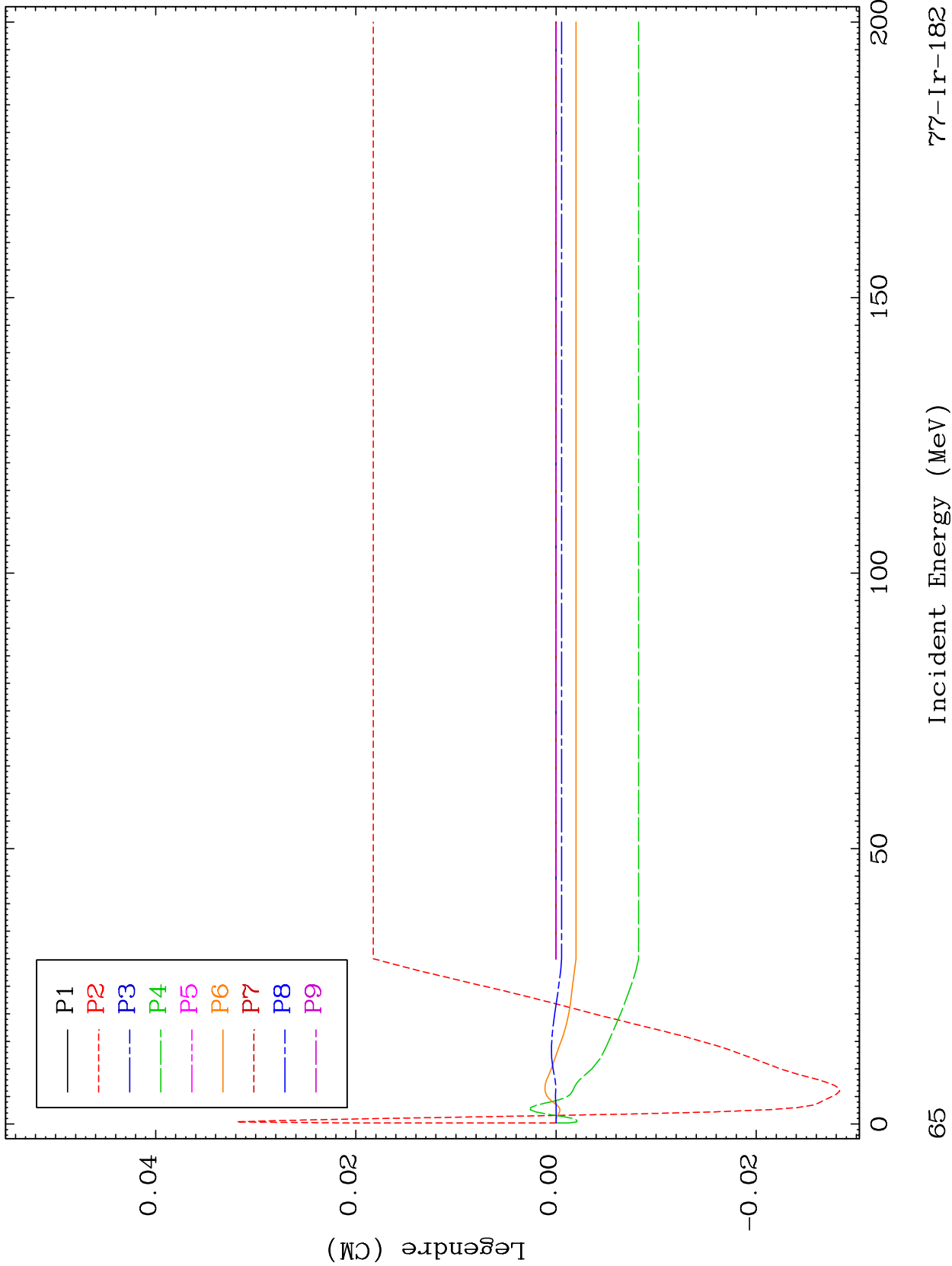
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

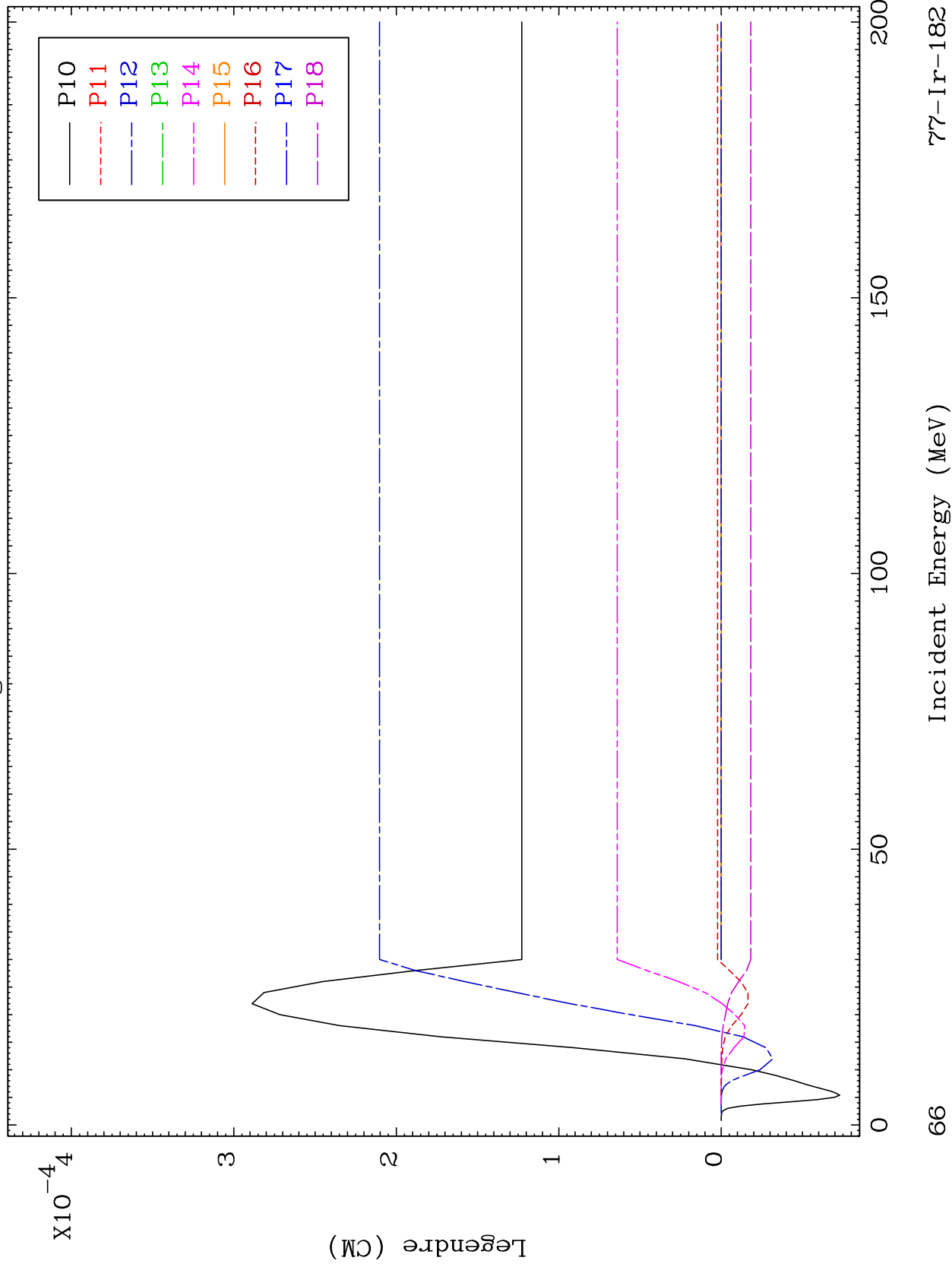
Incident Energy (MeV)

65

MAT 7698

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

77-Ir-182



66

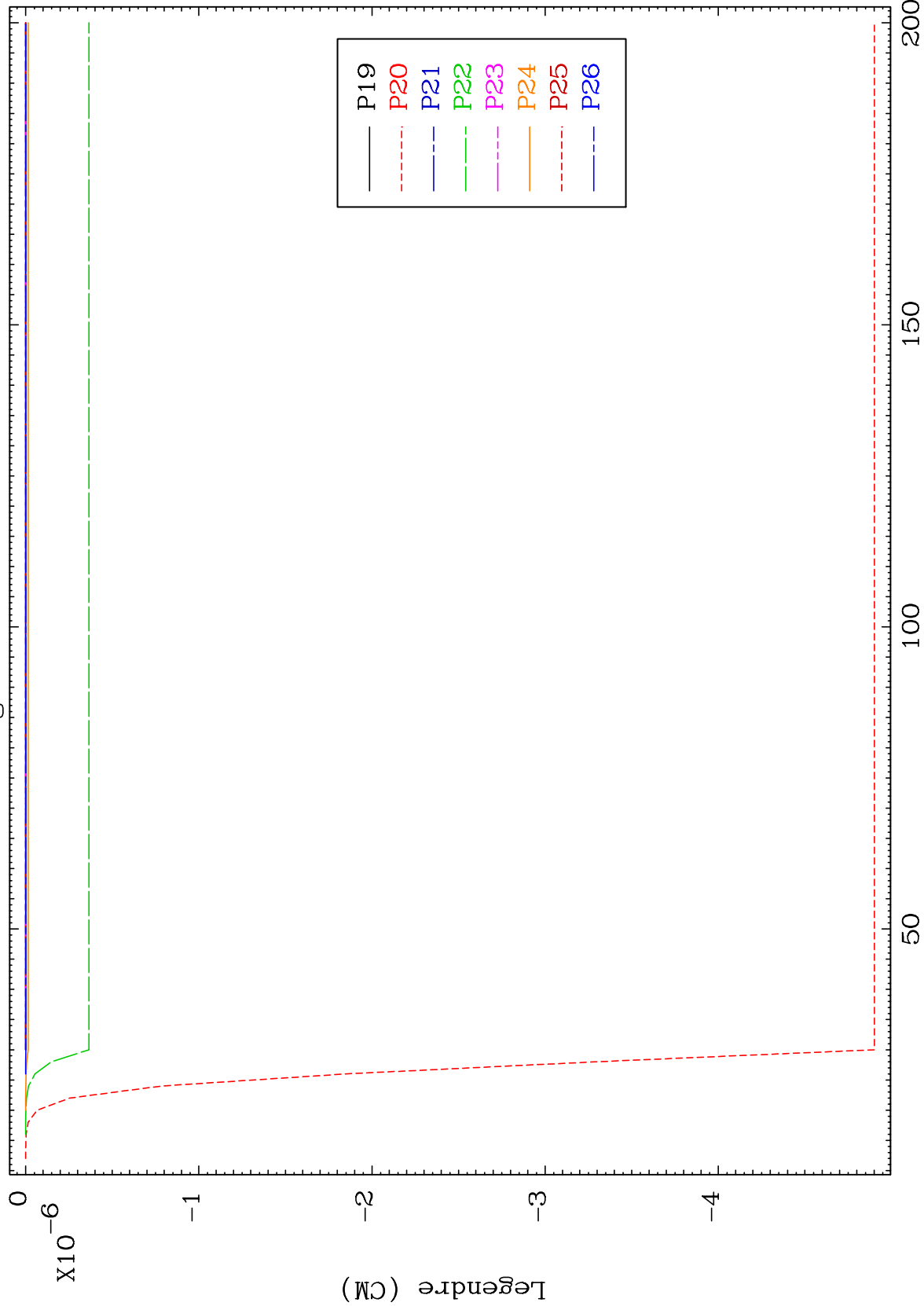
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



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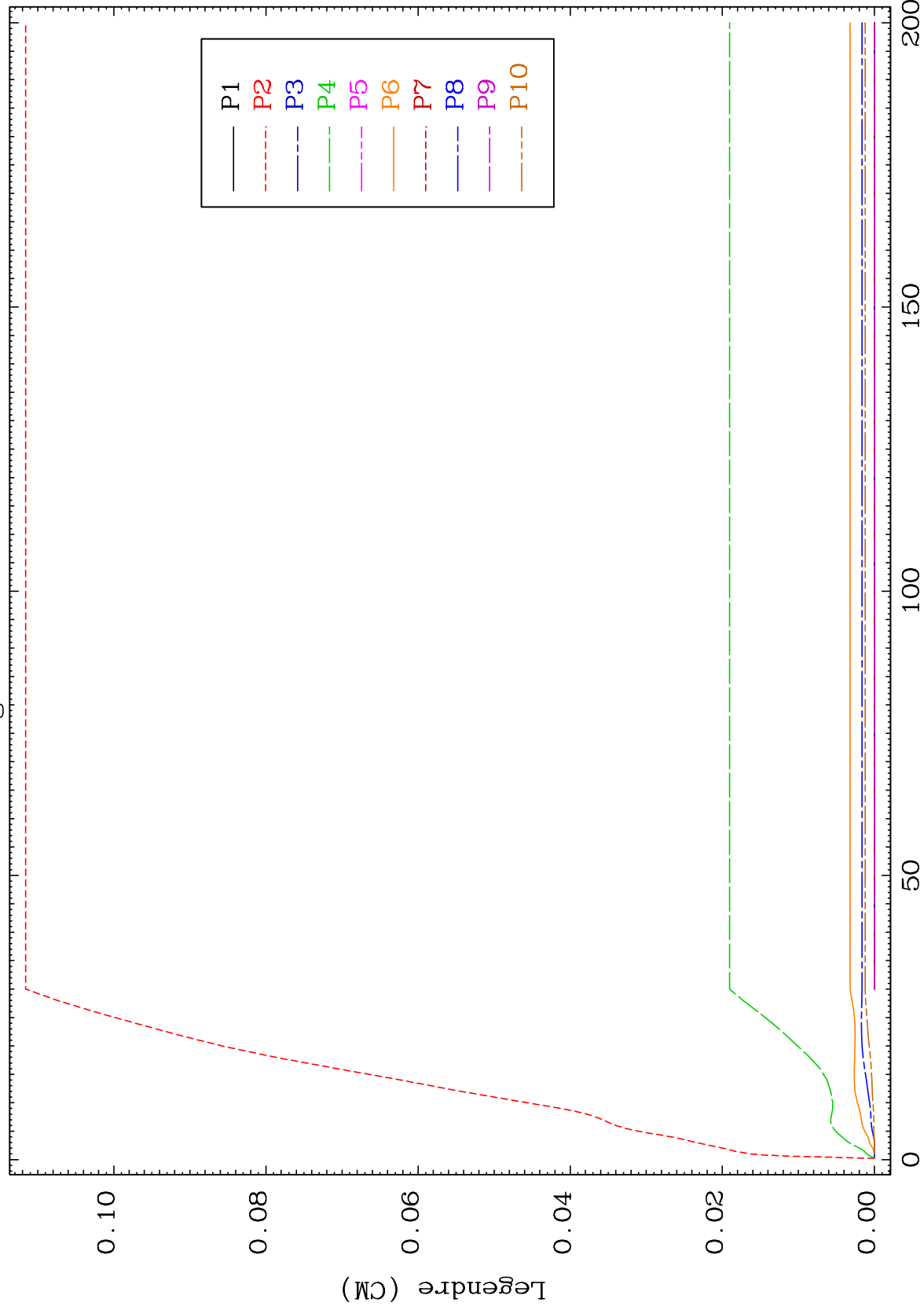
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



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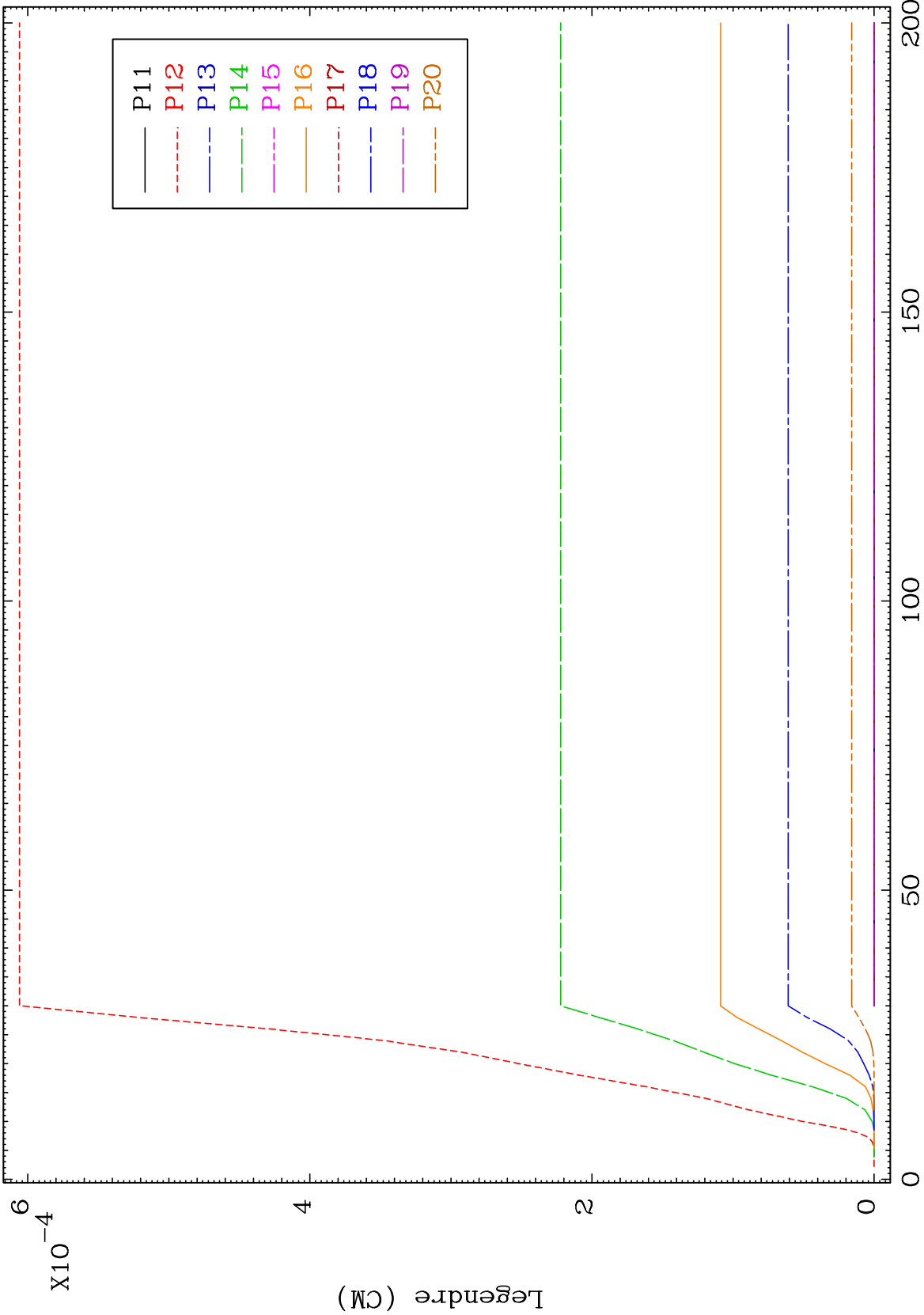
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



69

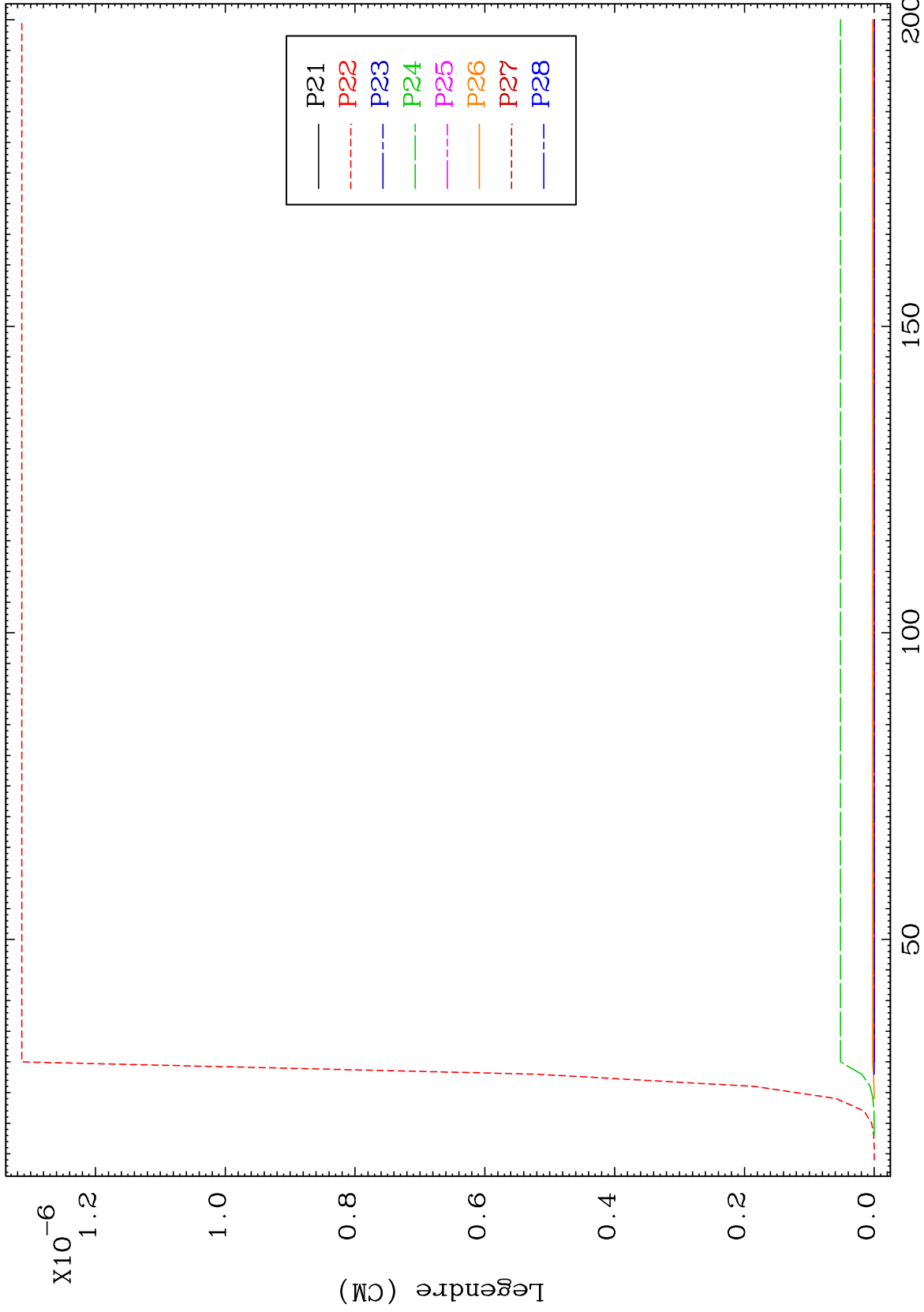
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



70

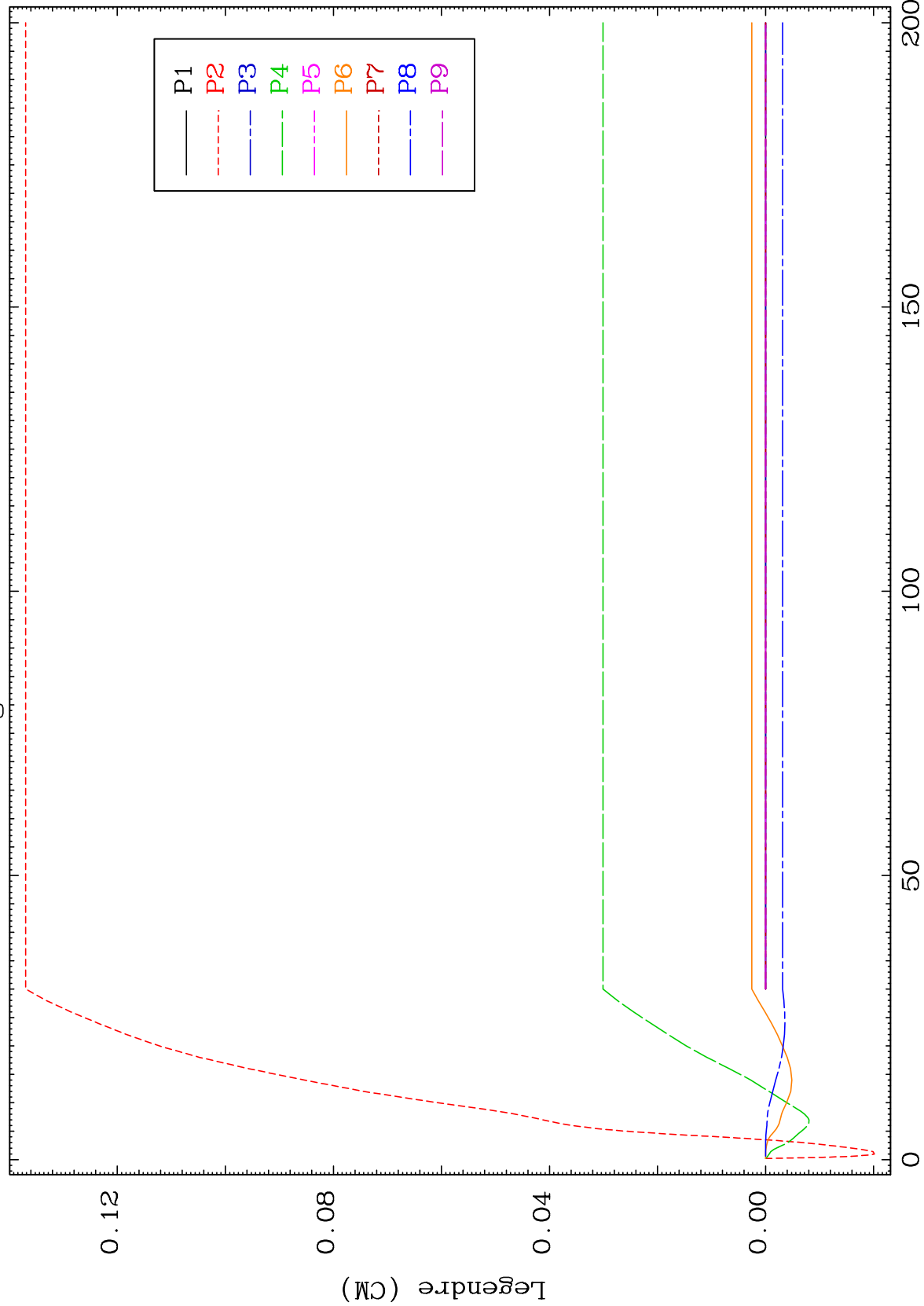
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



71

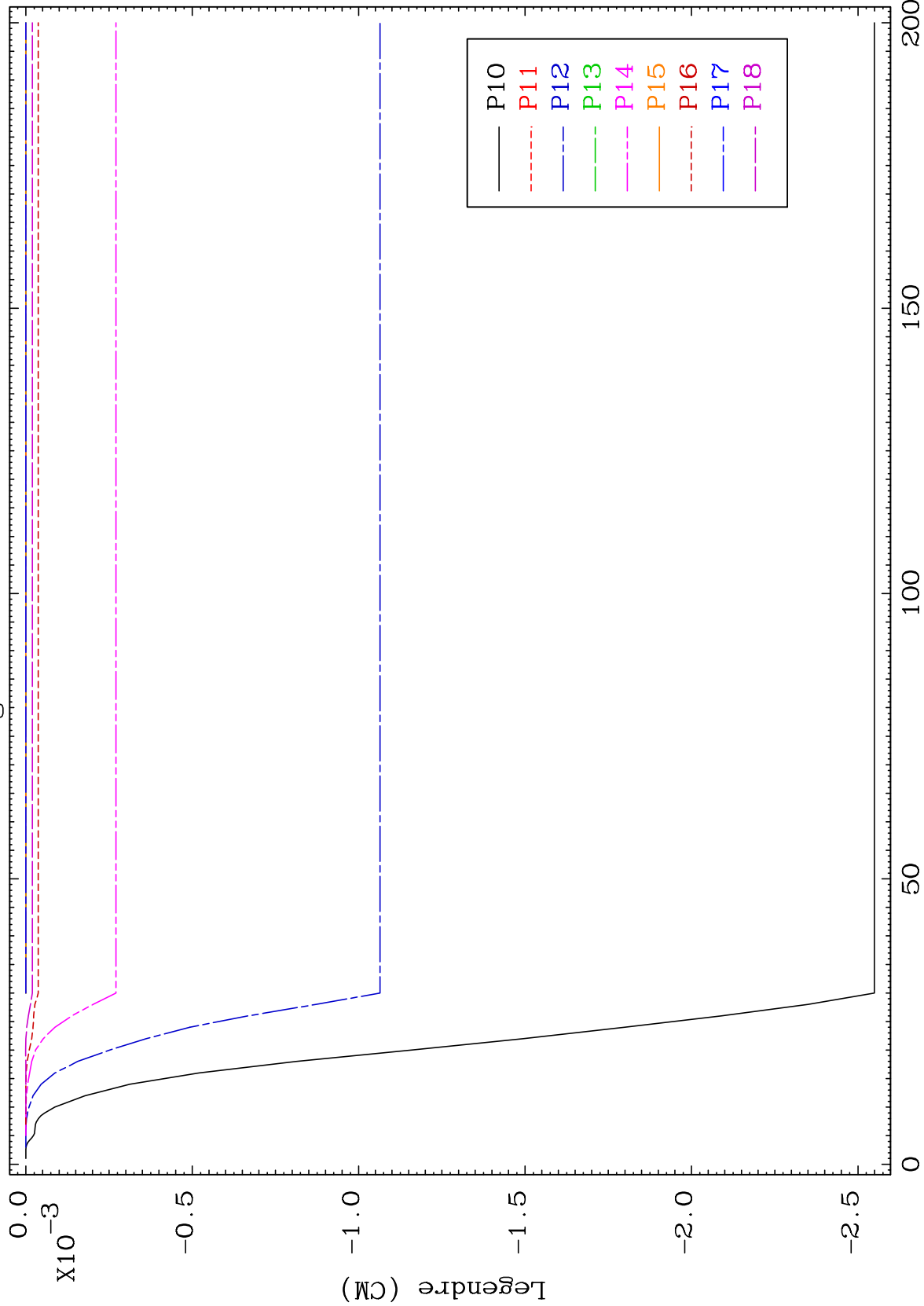
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



72

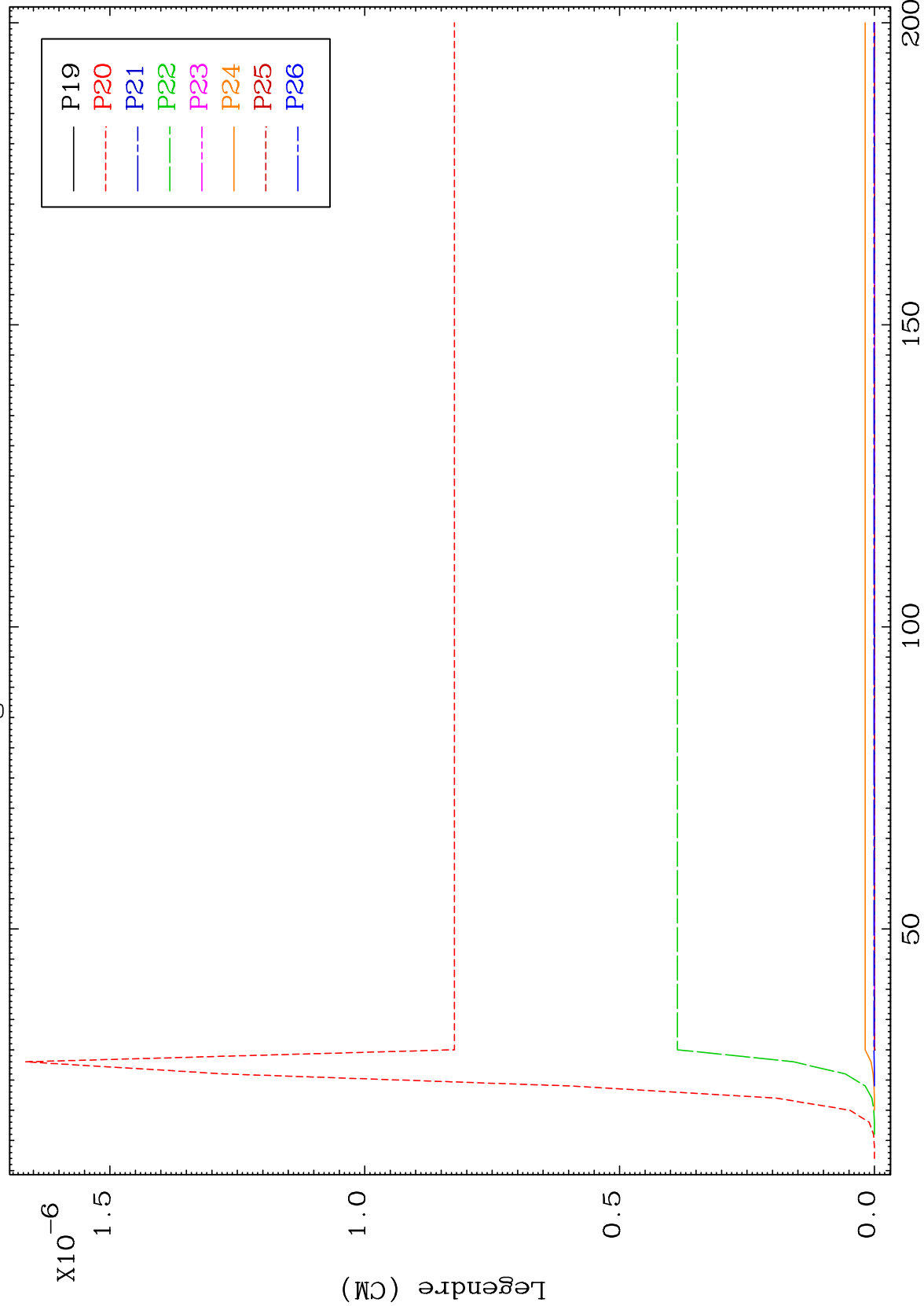
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



73

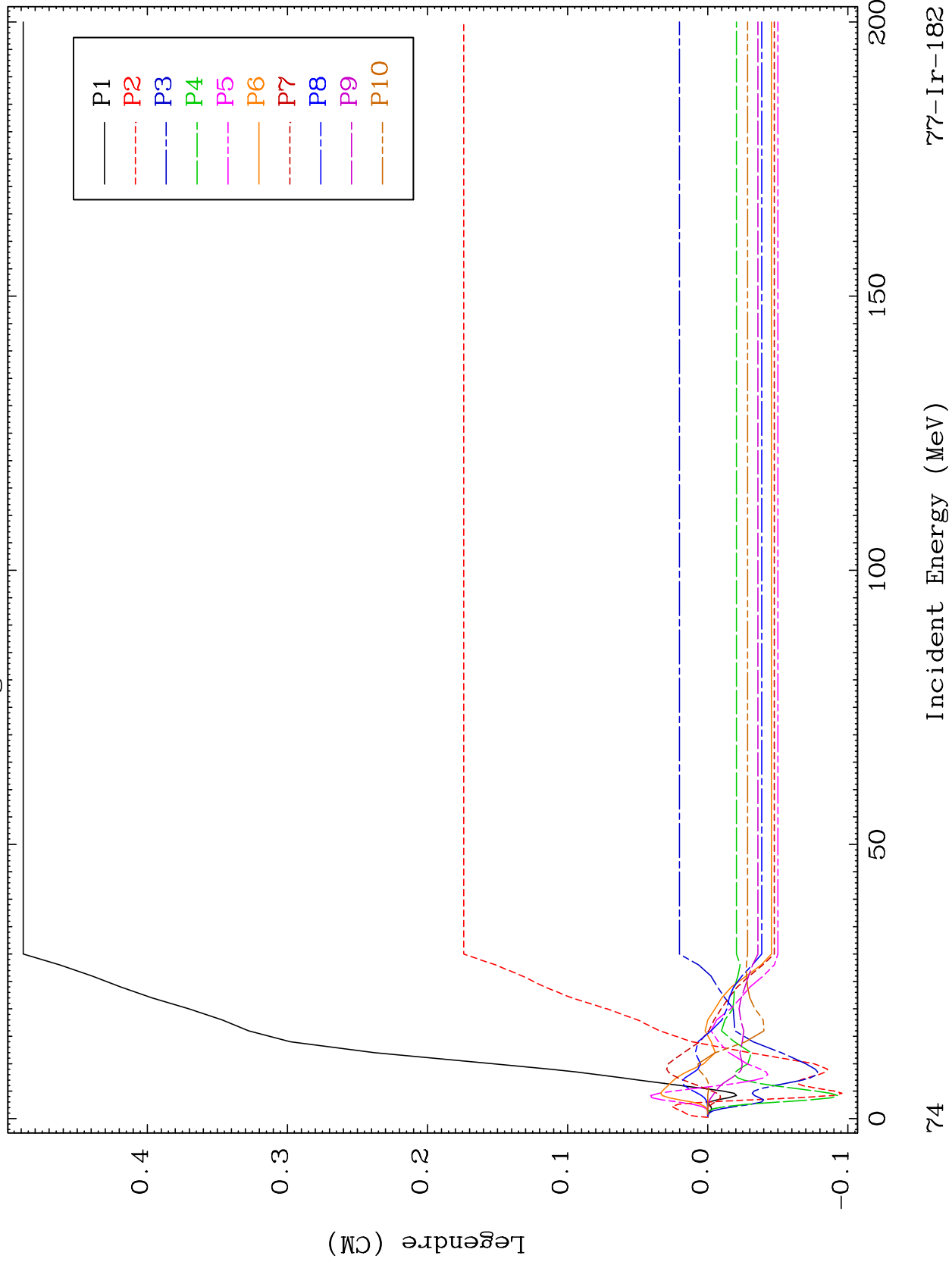
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

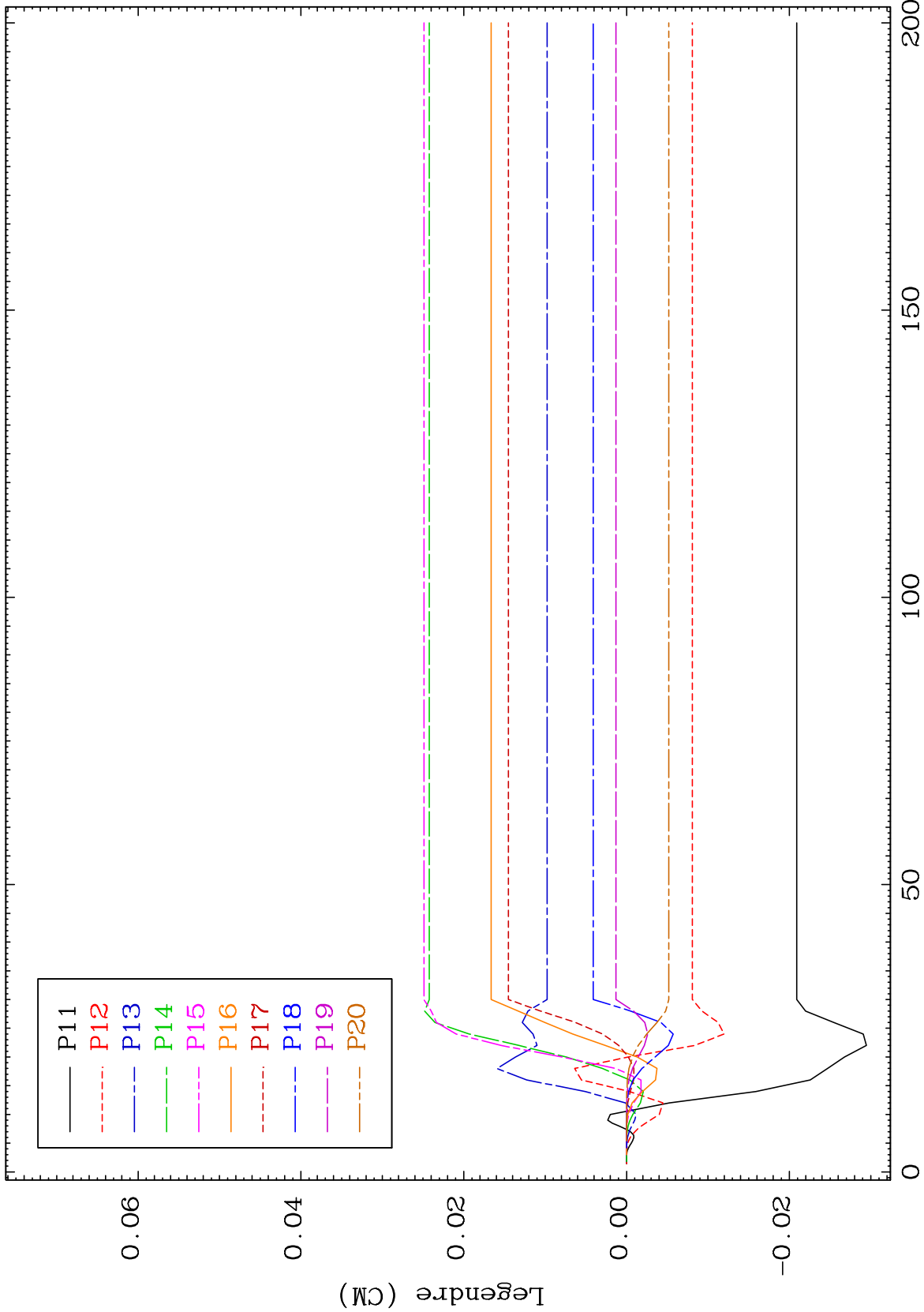
Incident Energy (MeV)

74

MAT 7698

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

77-Ir-182



75

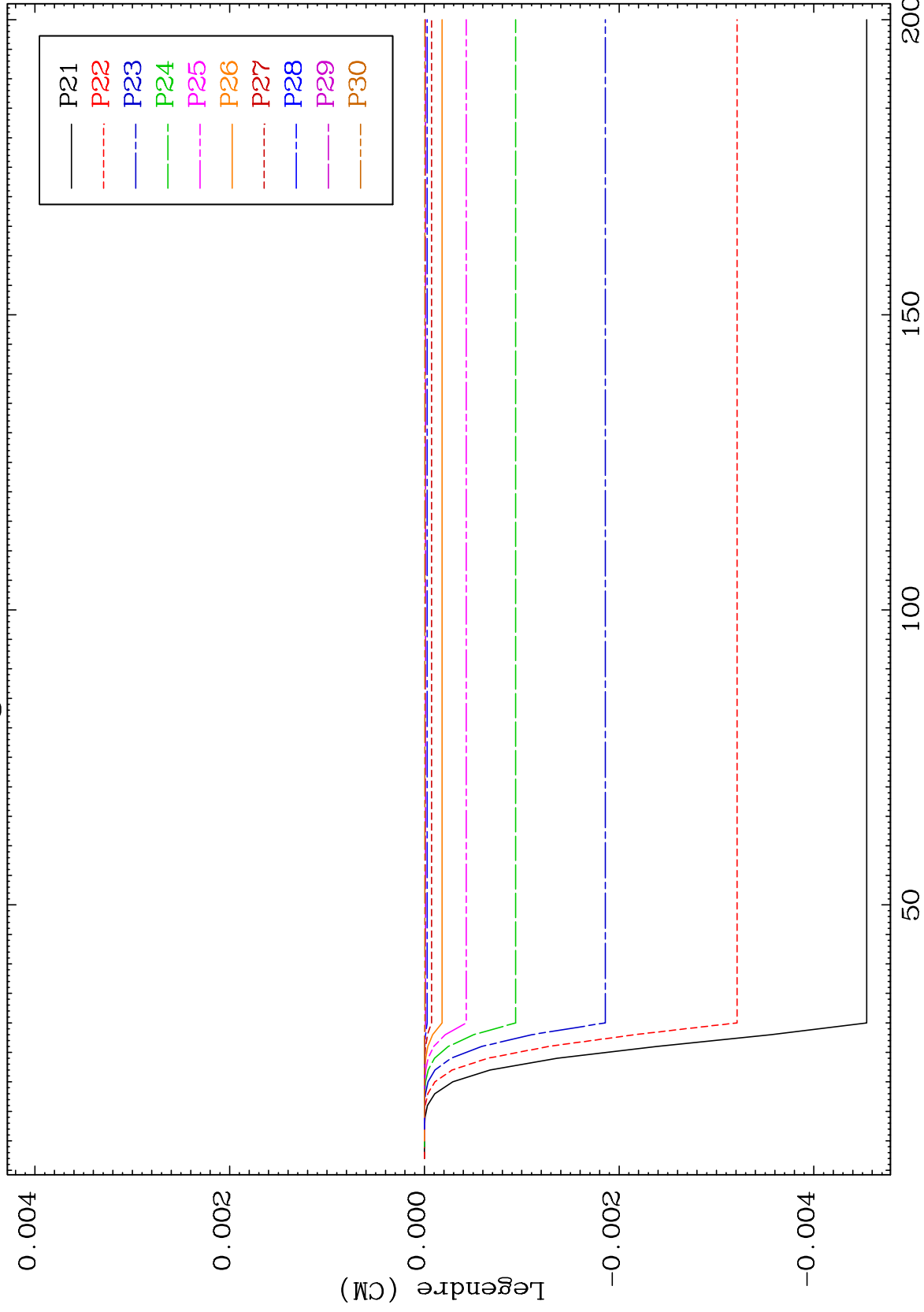
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

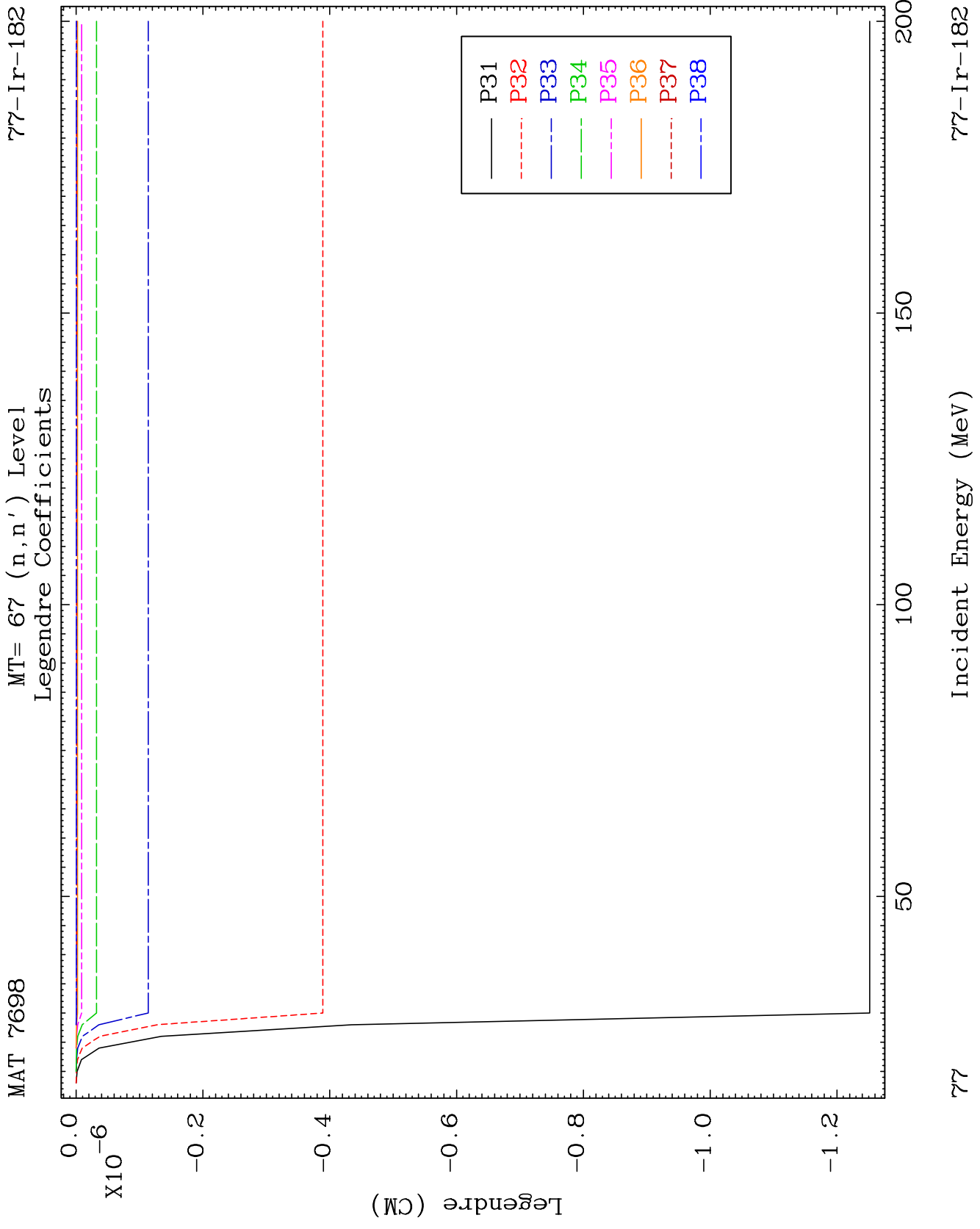
77-Ir-182



76

Incident Energy (MeV)

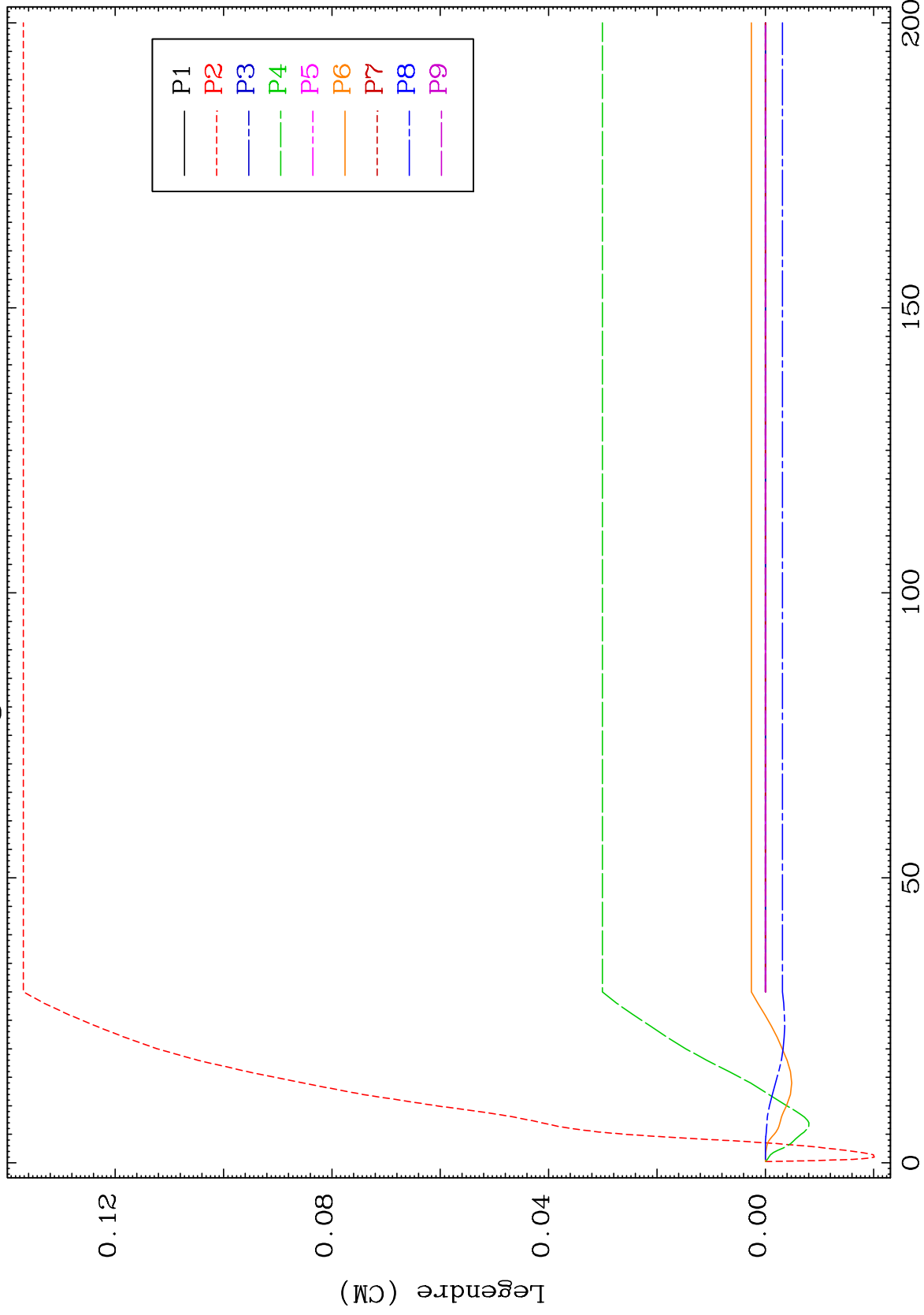
77-Ir-182



MAT 7698

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

77-Ir-182



78

Incident Energy (MeV)

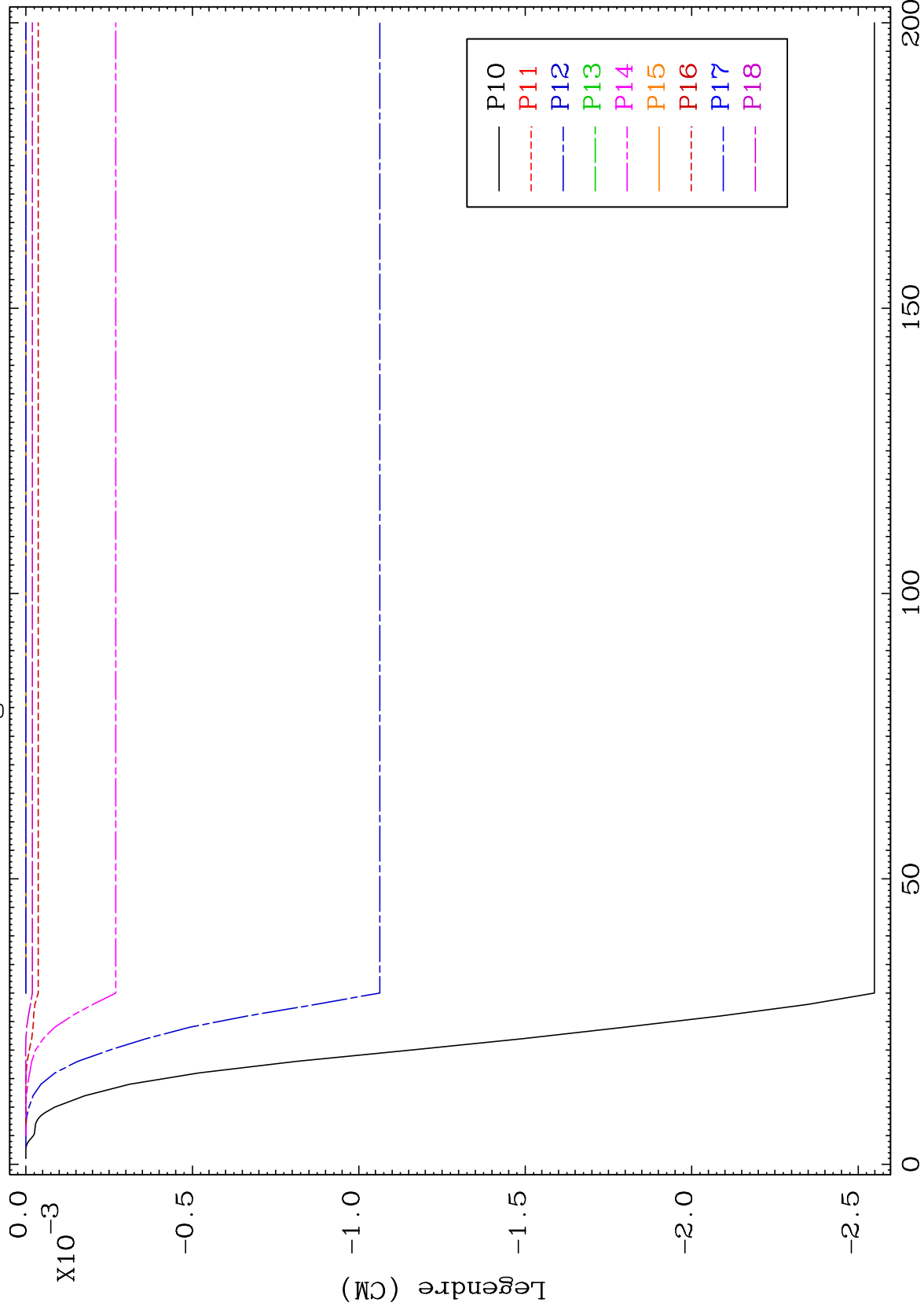
77-Ir-182

MAT 7698

MT= 68 (n,n') Level

77-Ir-182

Legendre Coefficients



79

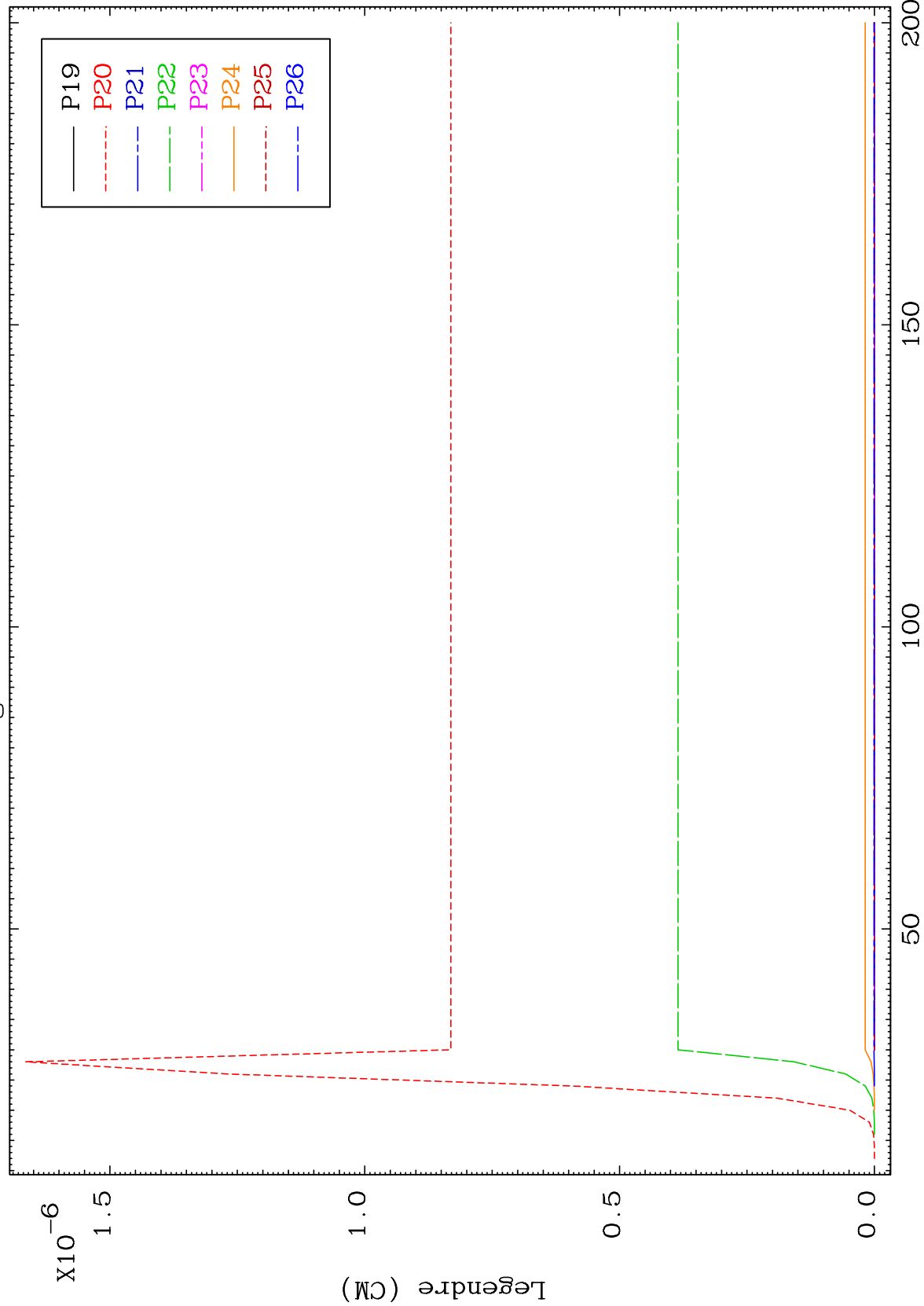
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



80

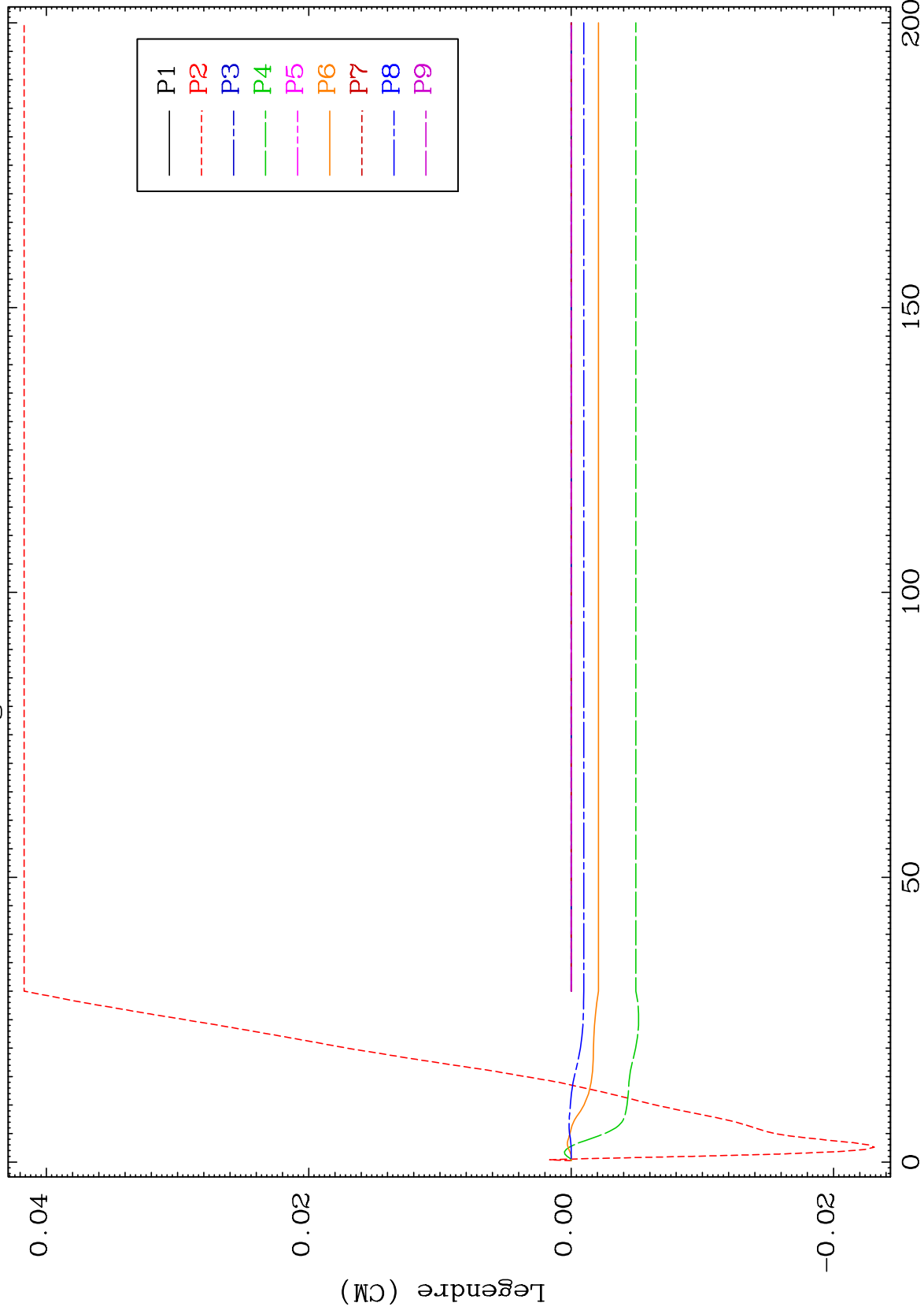
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



81

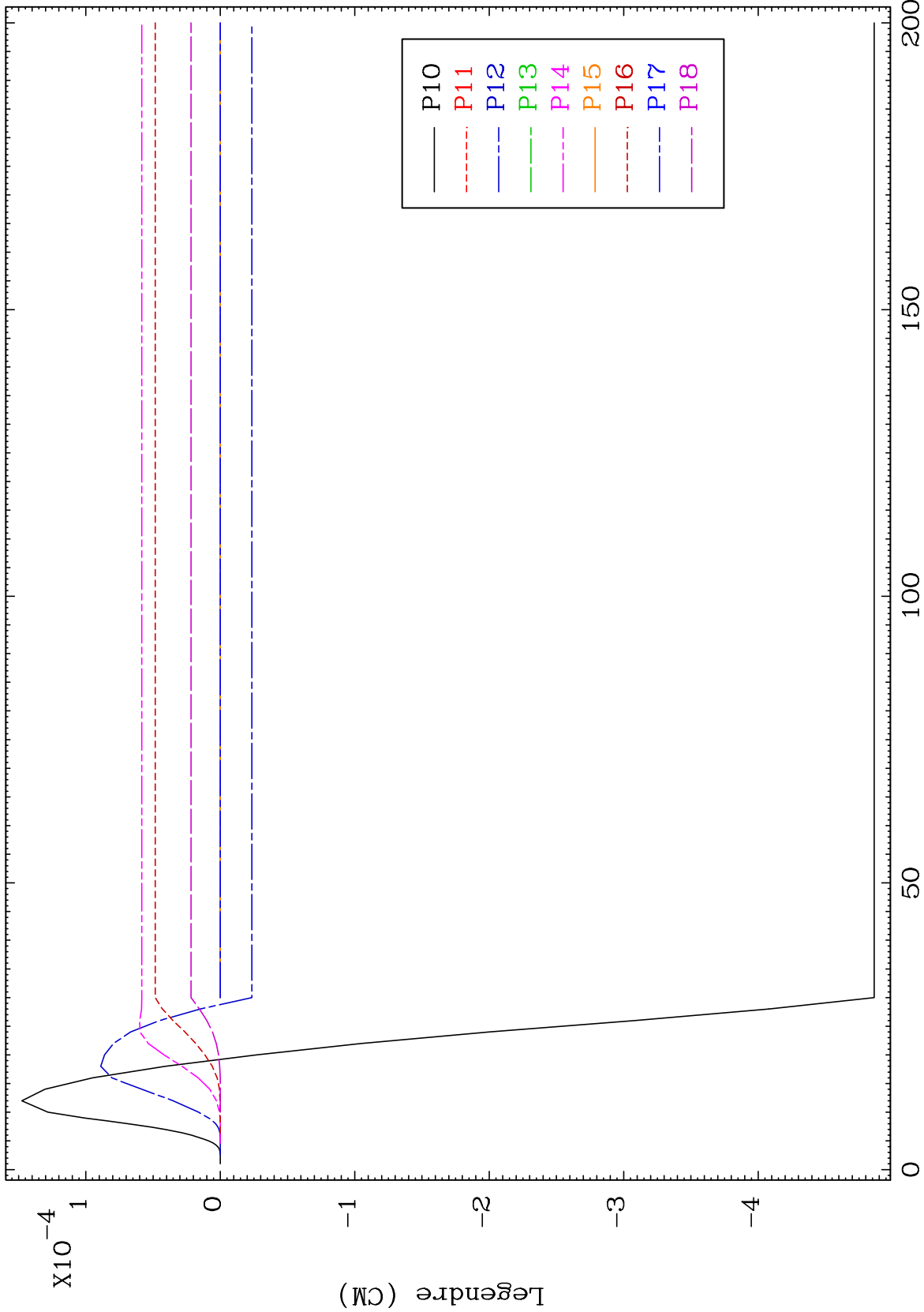
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



82

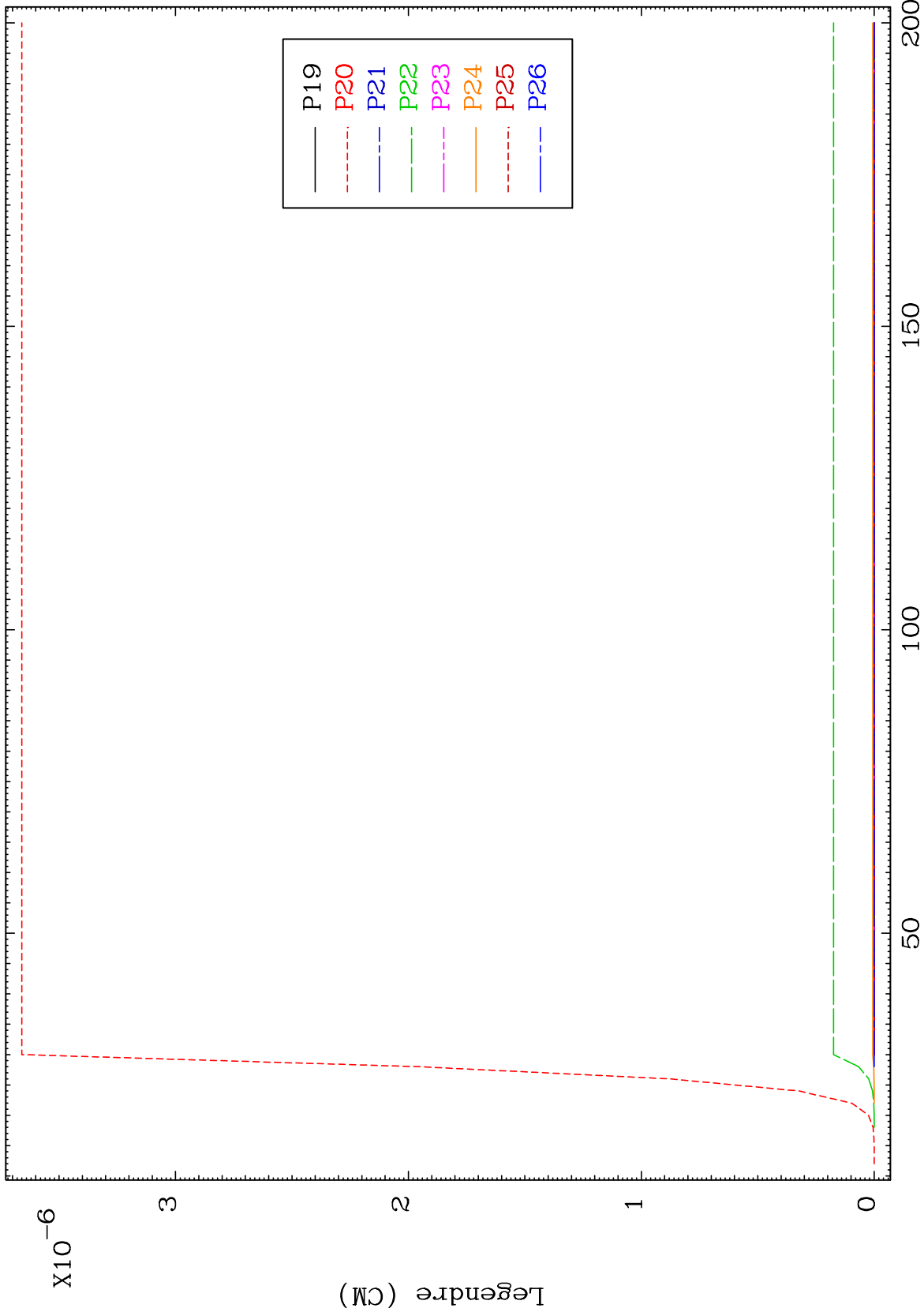
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



83

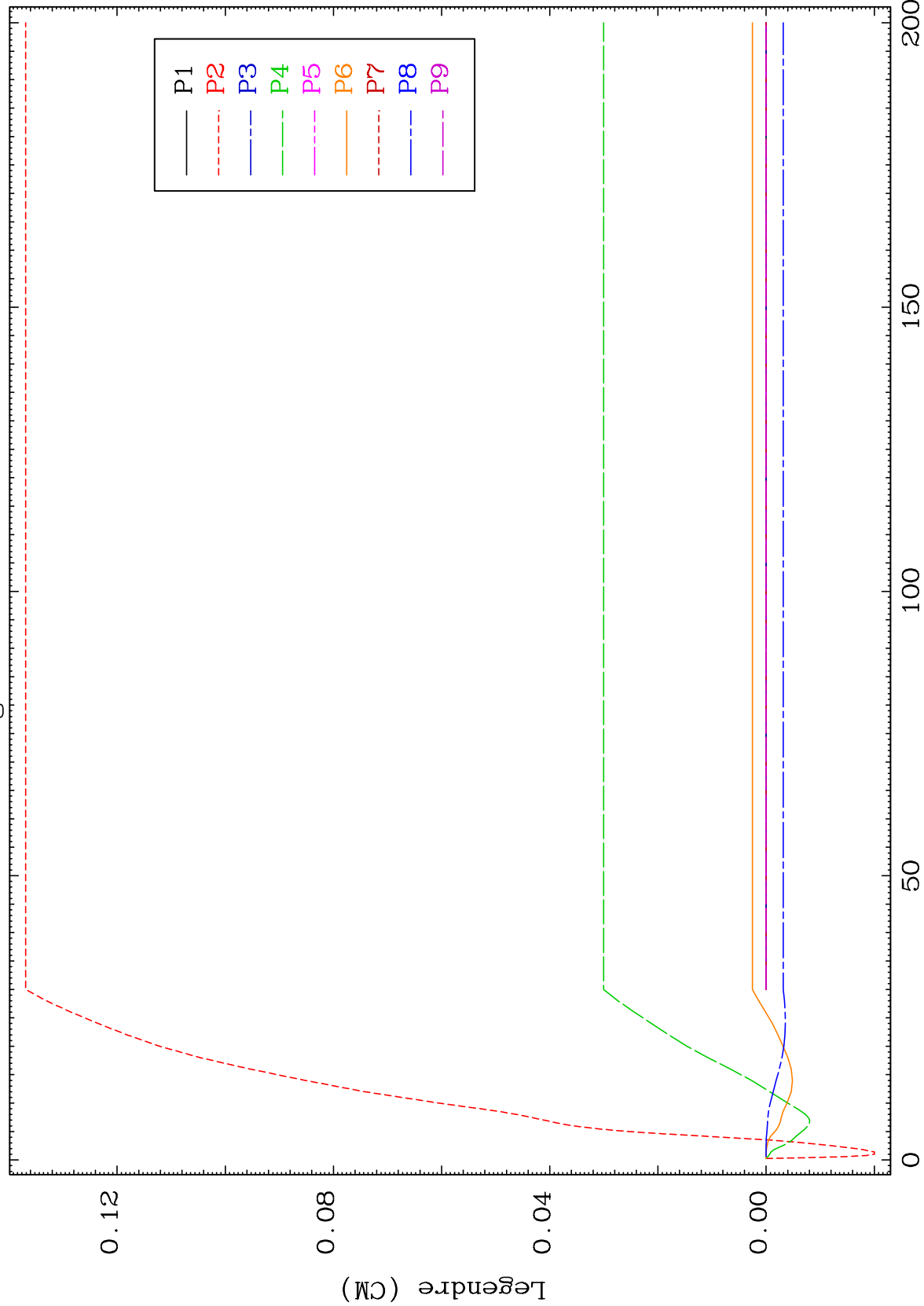
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



84

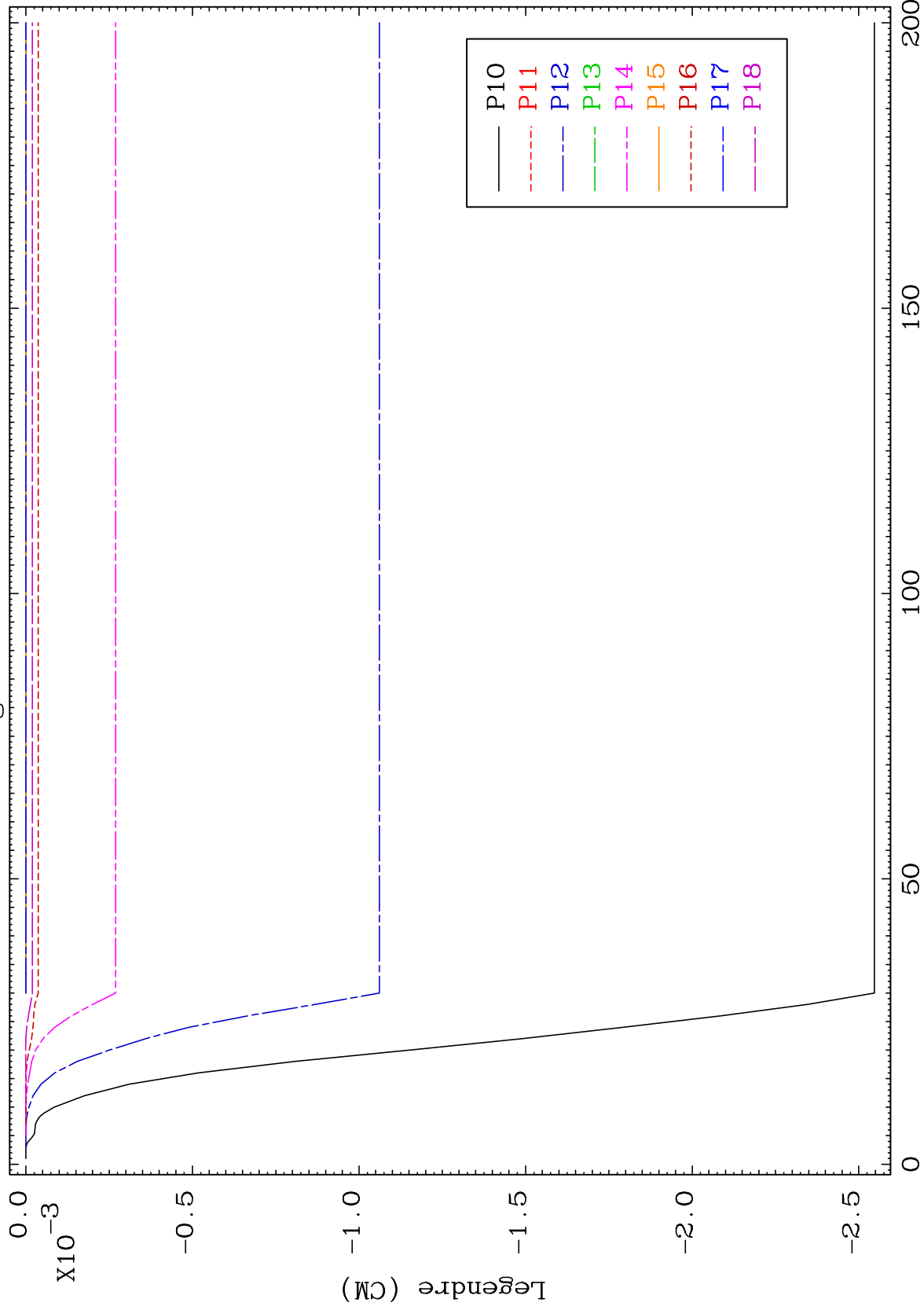
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



85

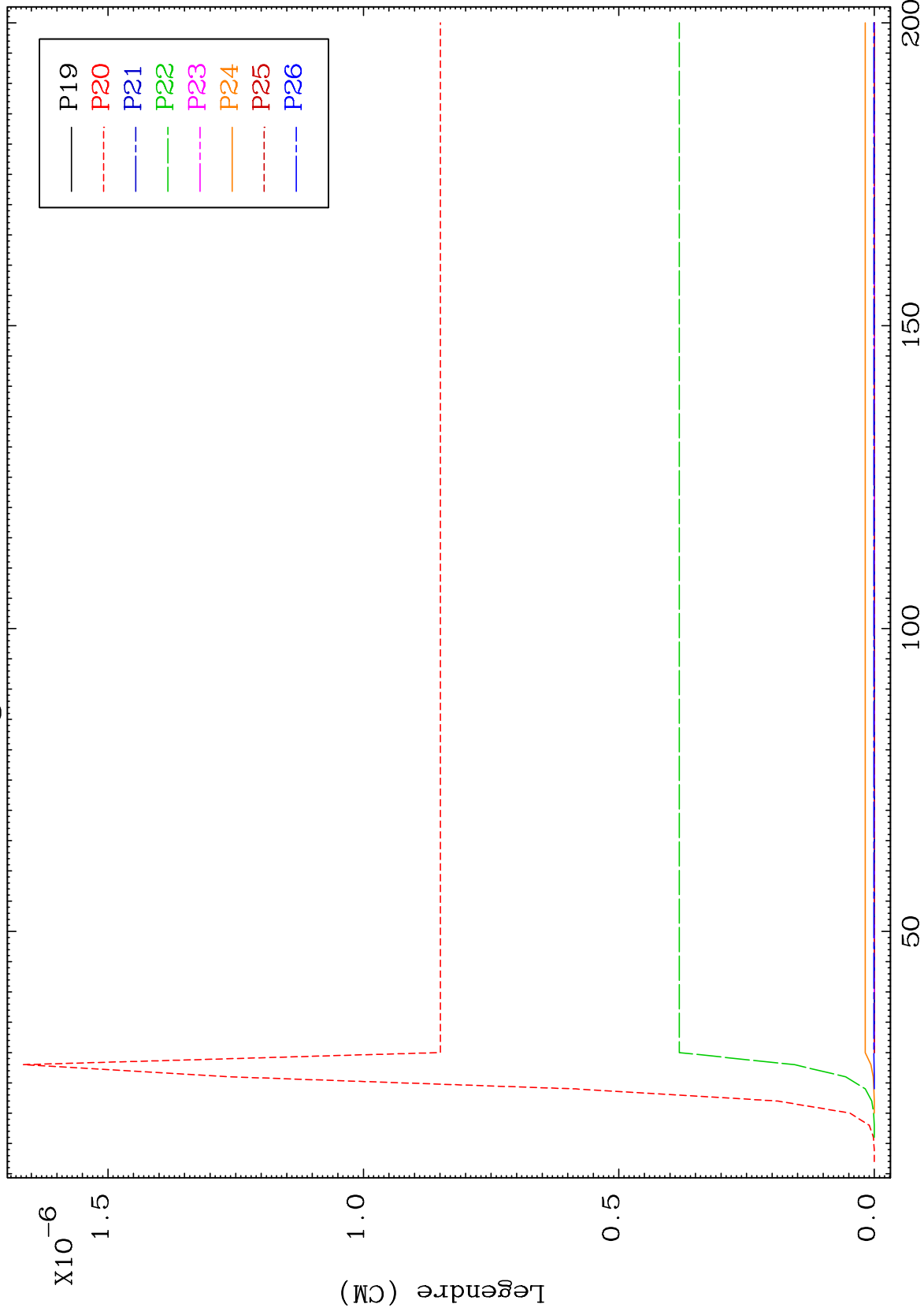
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



86

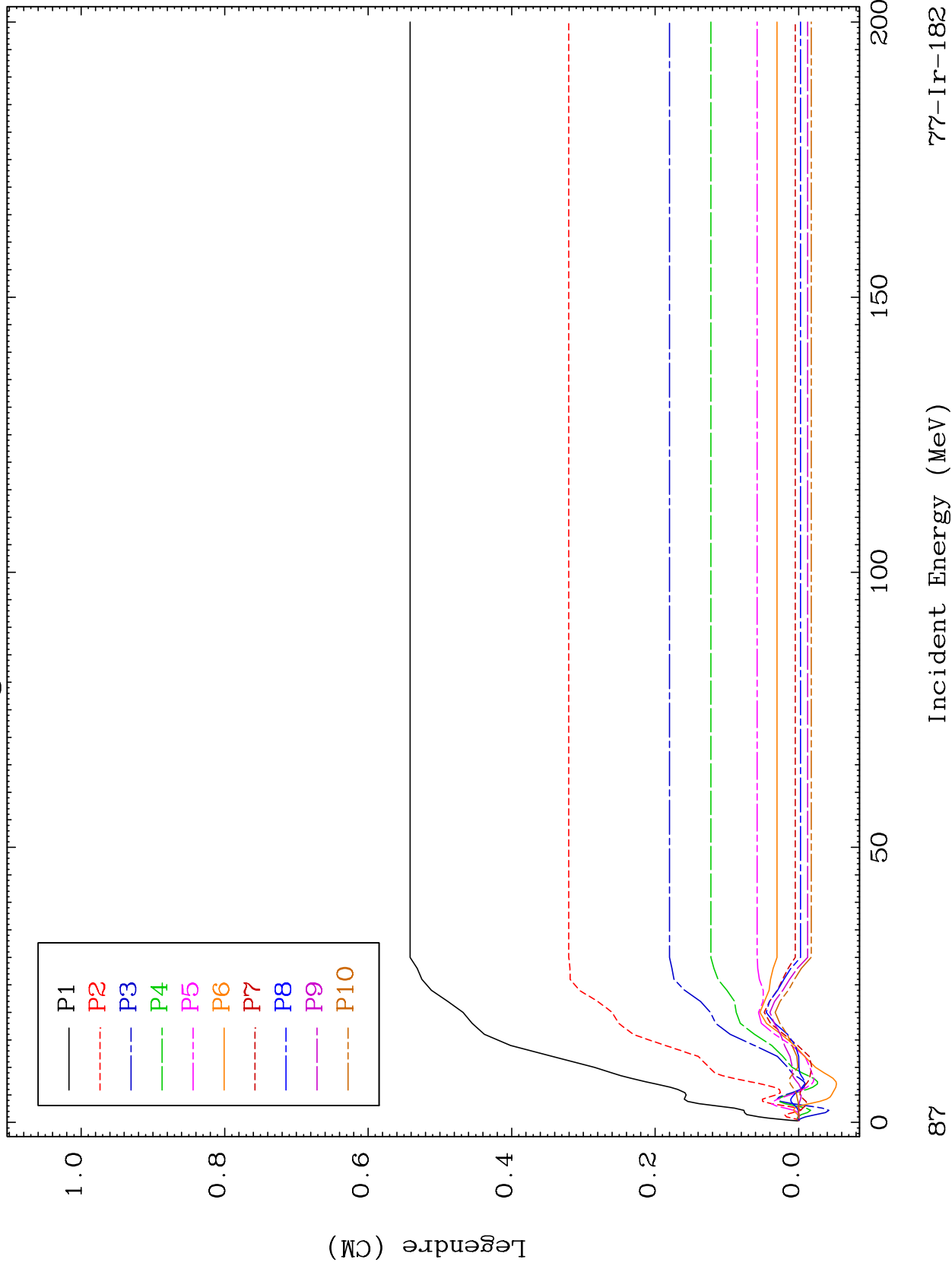
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

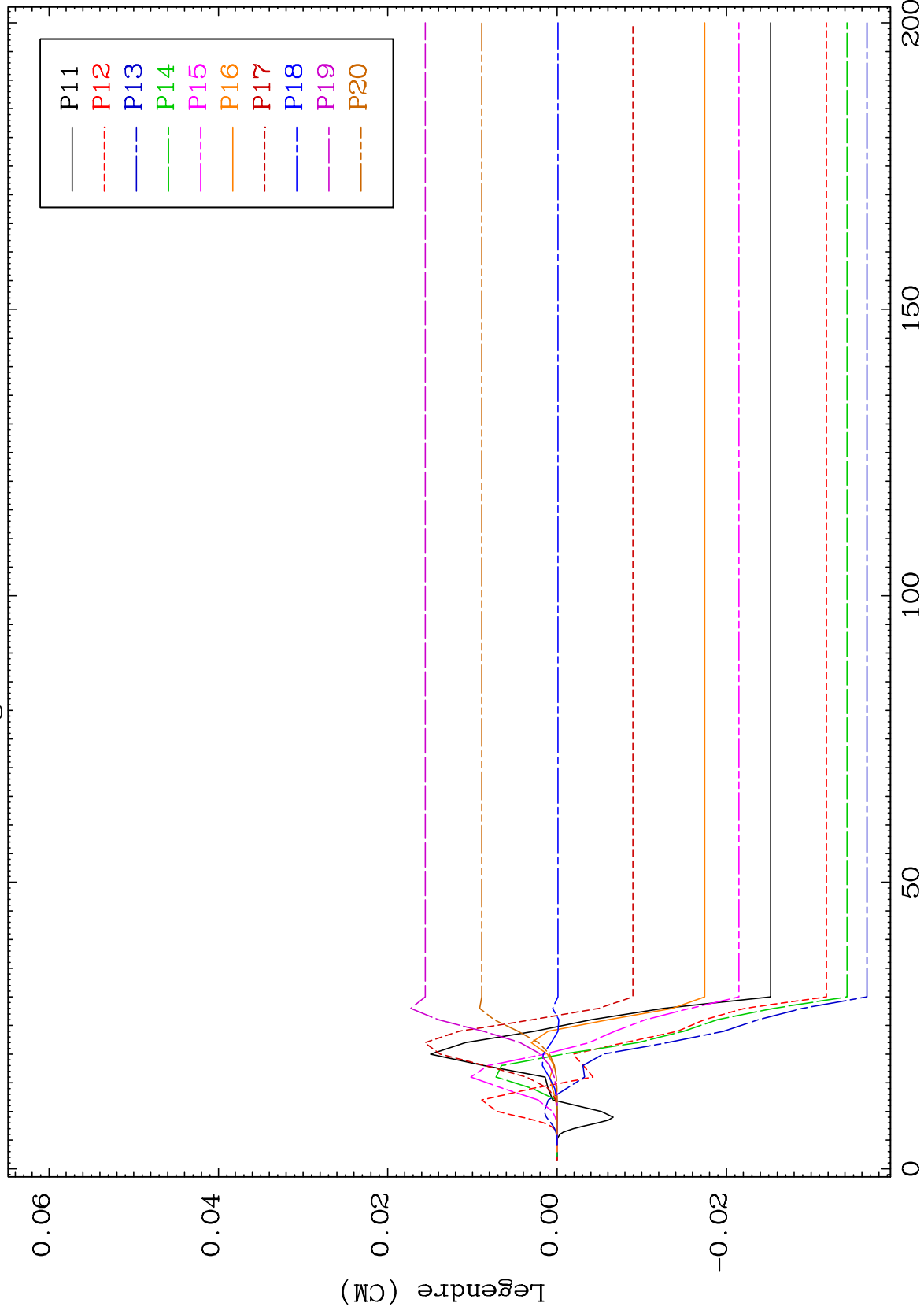
Incident Energy (MeV)

87

MAT 7698

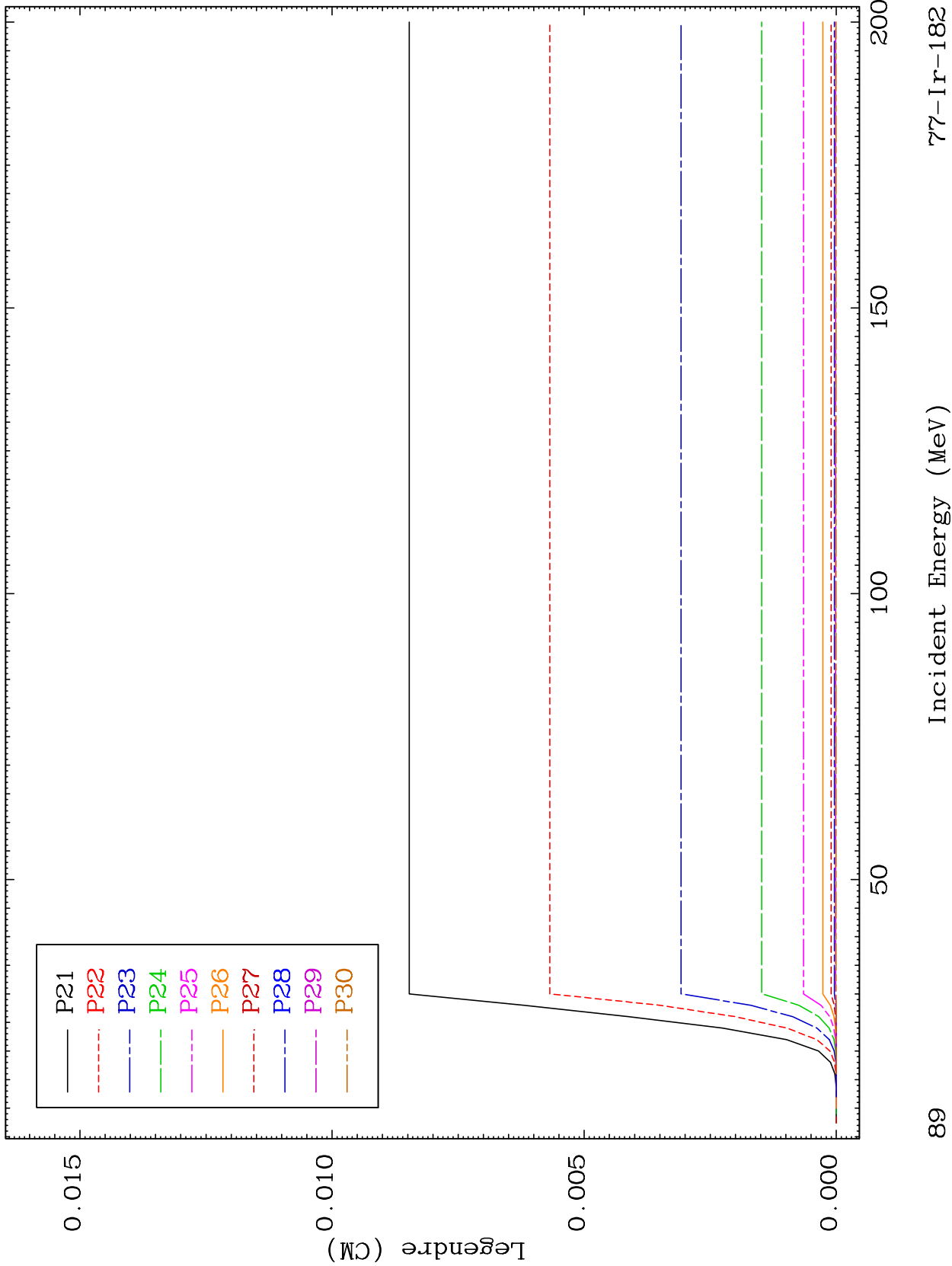
MT= 71 (n,n') Level
Legendre Coefficients

77-Ir-182



88

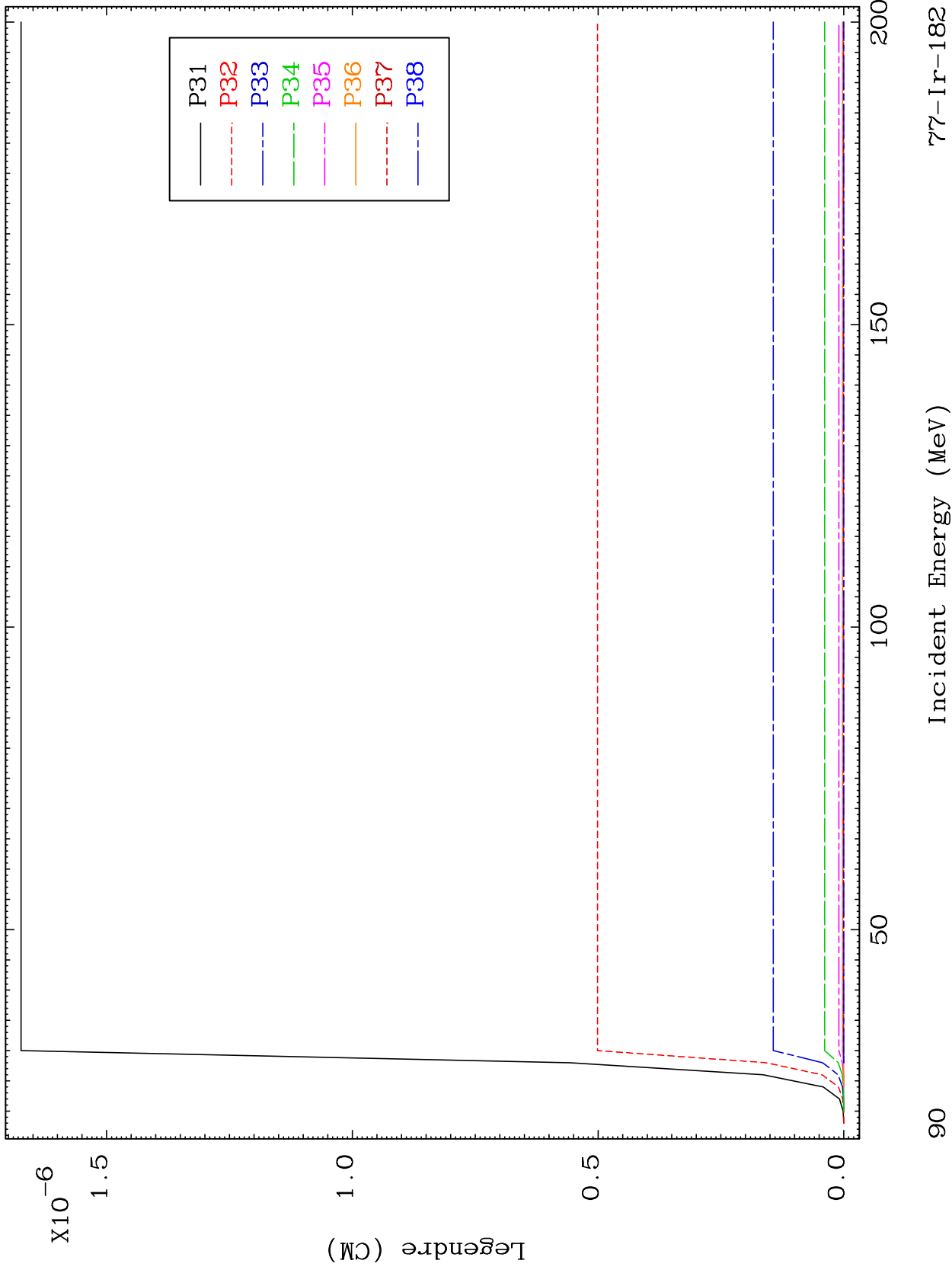
77-Ir-182



MAT 7698

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

77-Ir-182



90

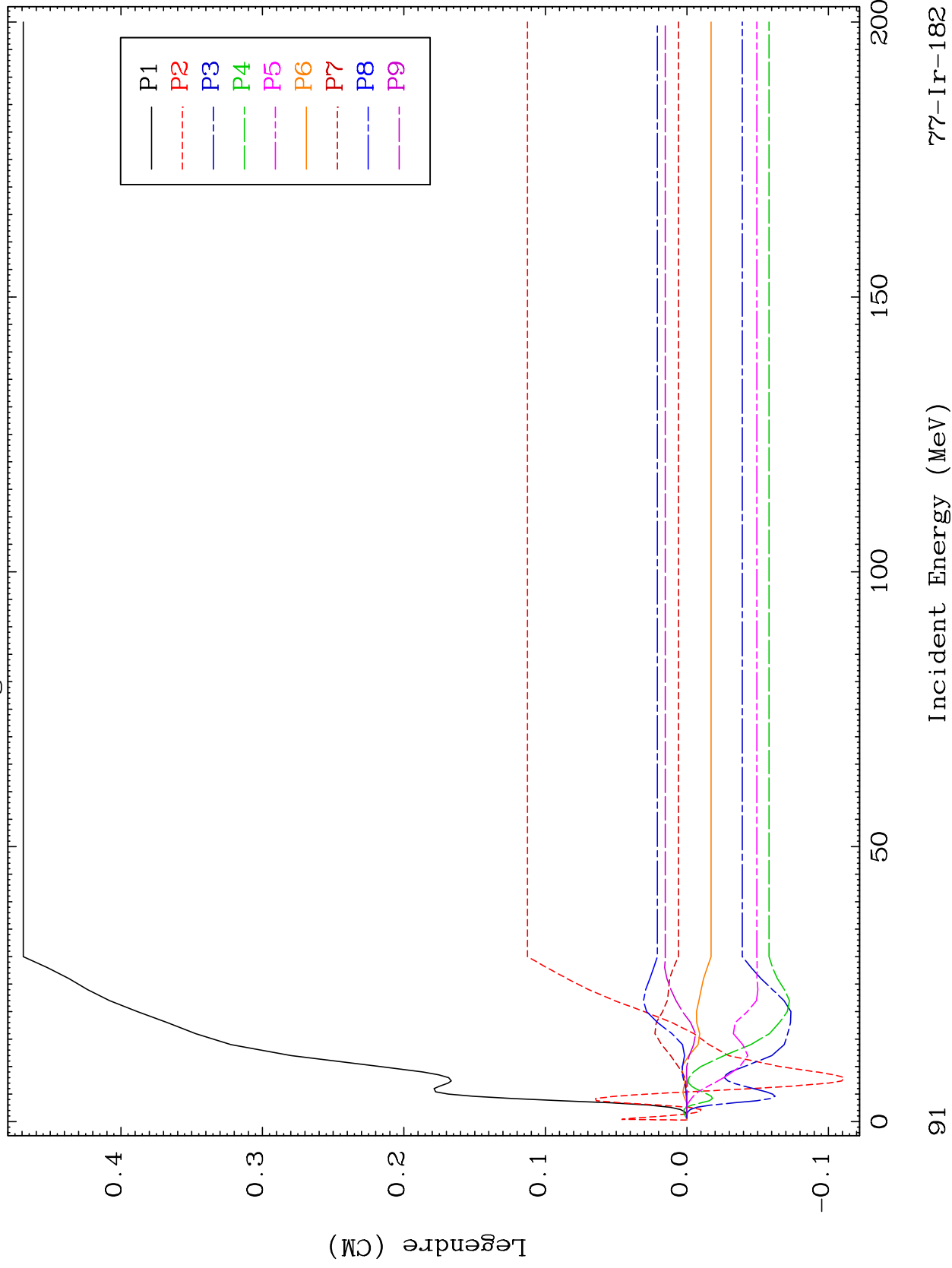
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

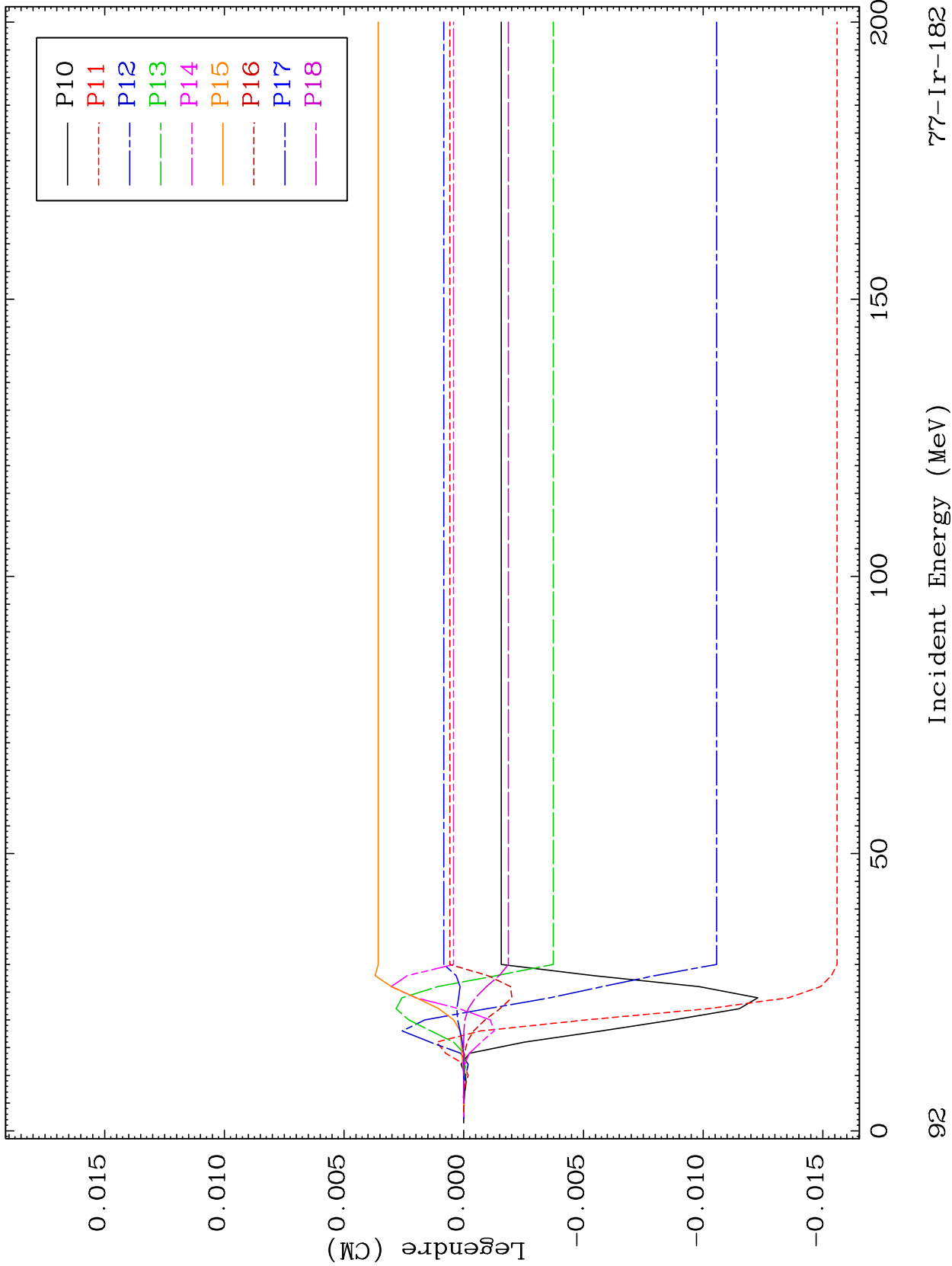
Incident Energy (MeV)

91

MAT 7698

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

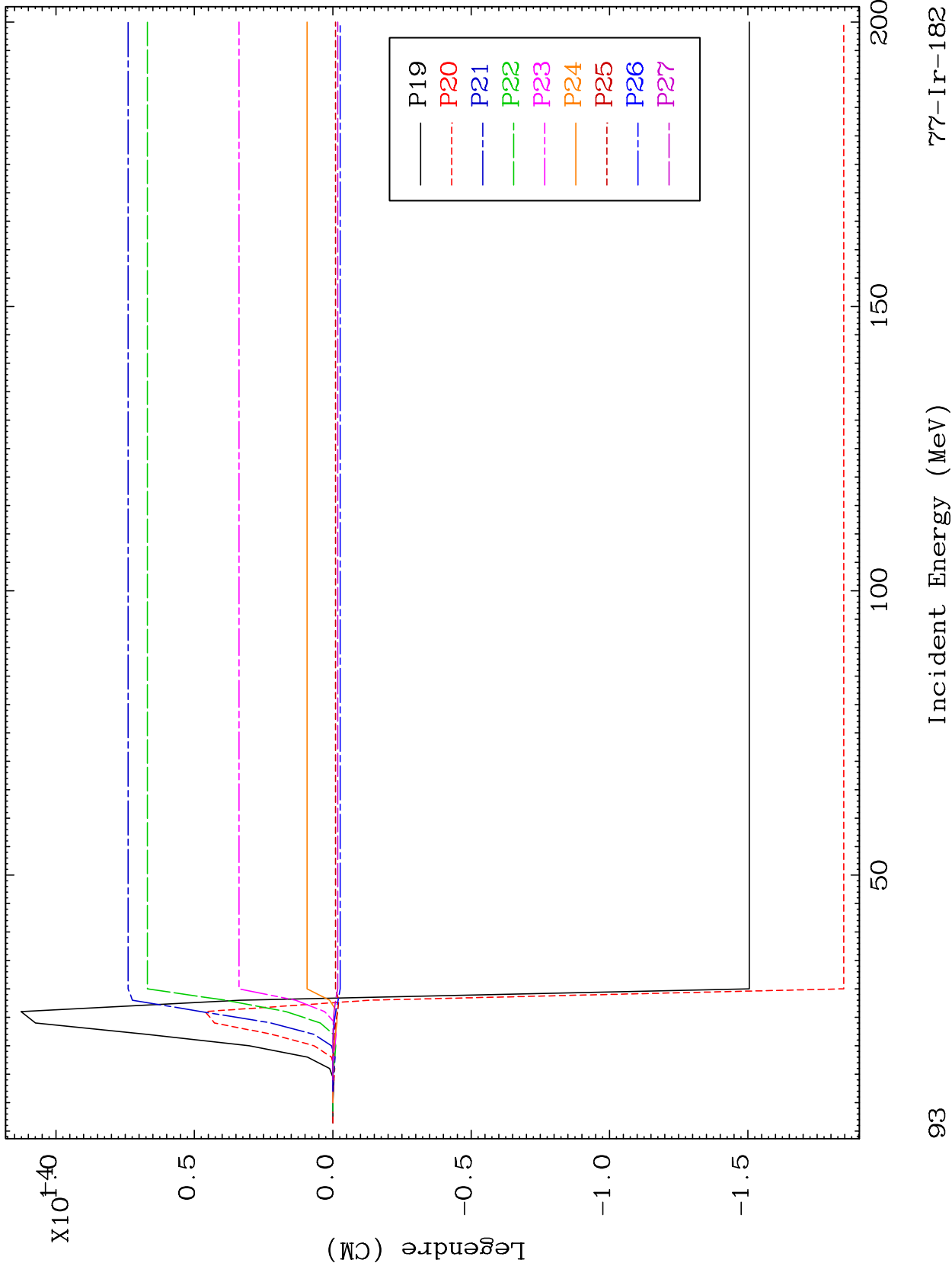
77-Ir-182



77-Ir-182

Incident Energy (MeV)

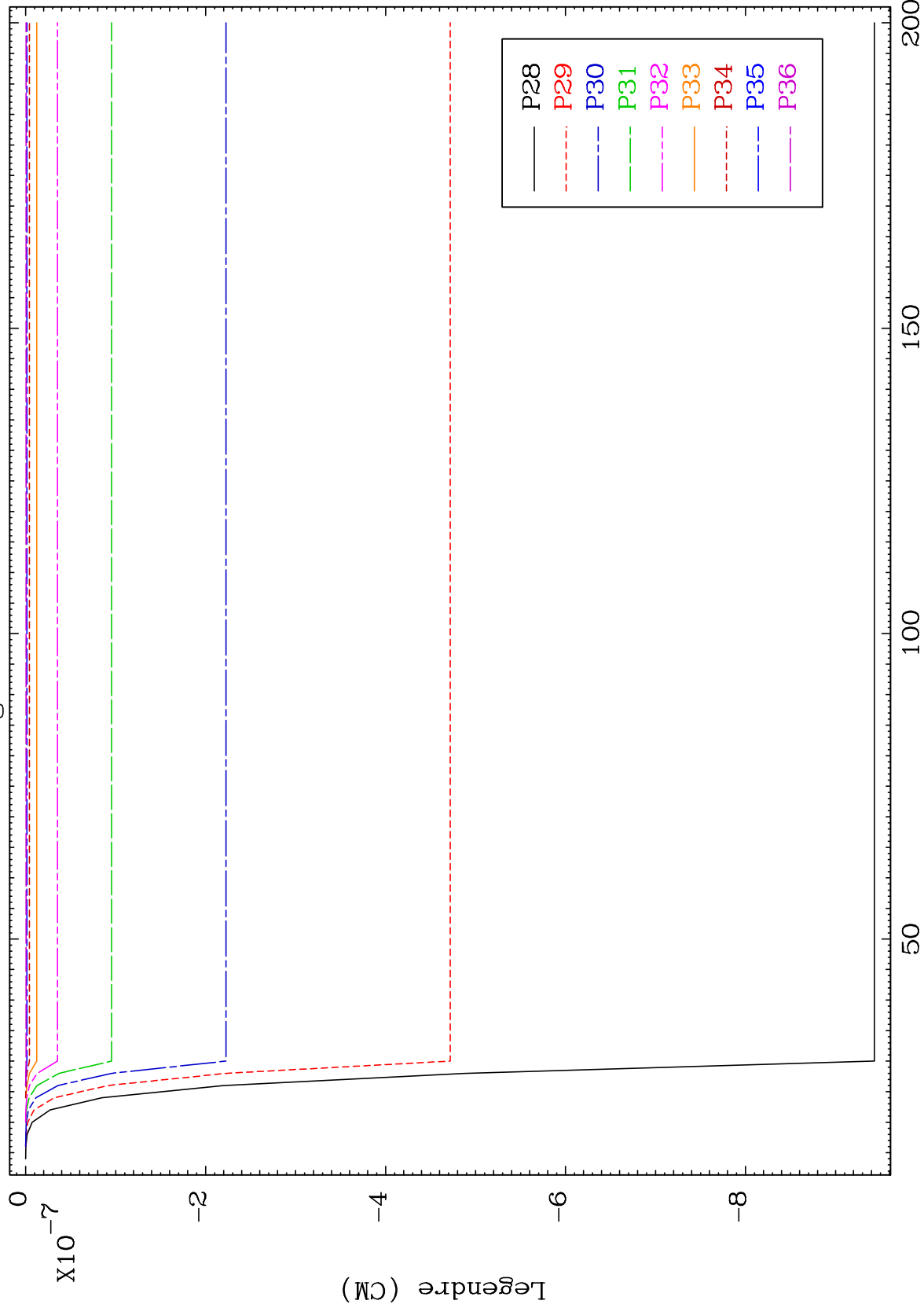
92



MAT 7698

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

77-Ir-182



94

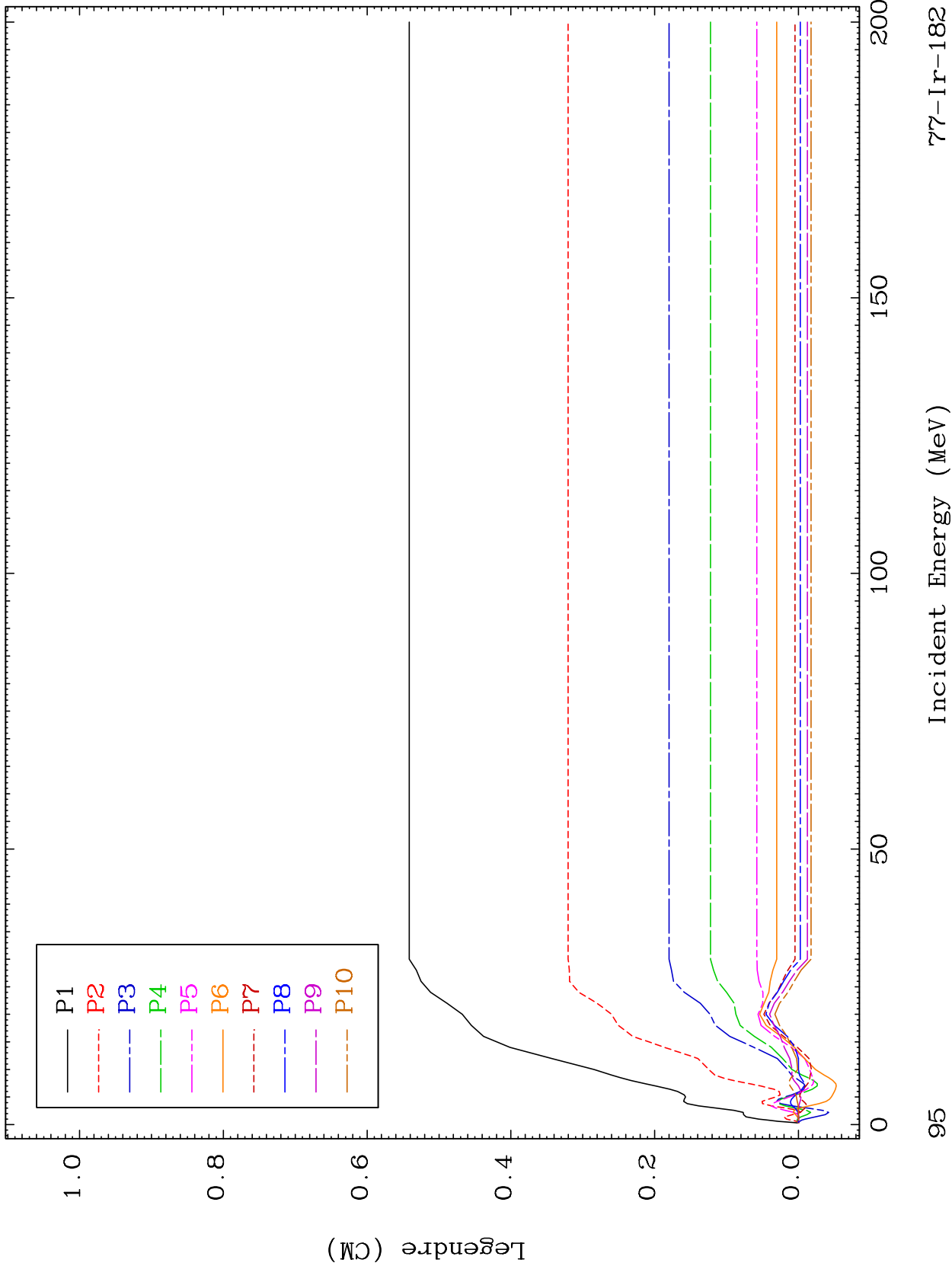
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

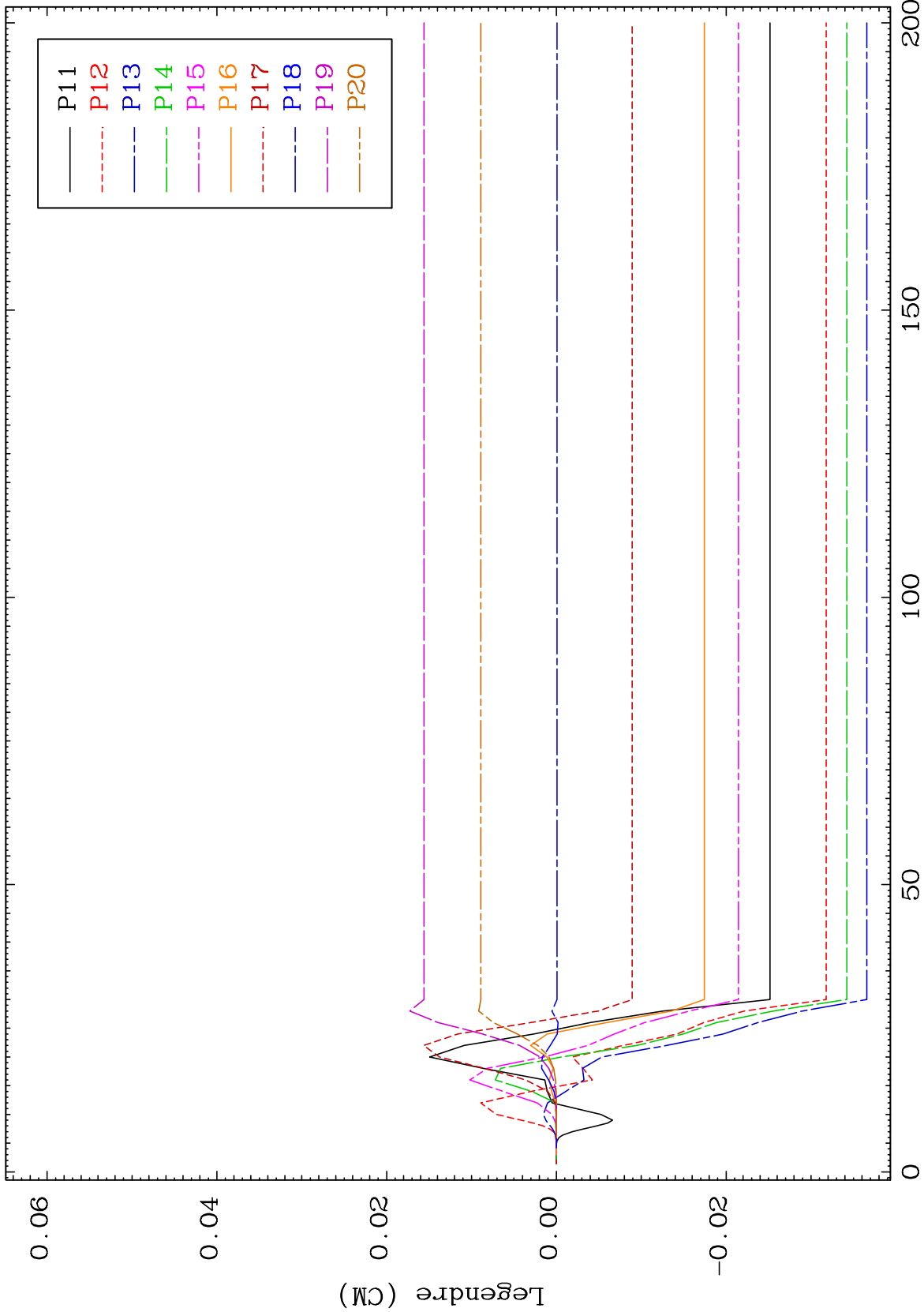
77-Ir-182



MAT 7698

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

77-Ir-182



96

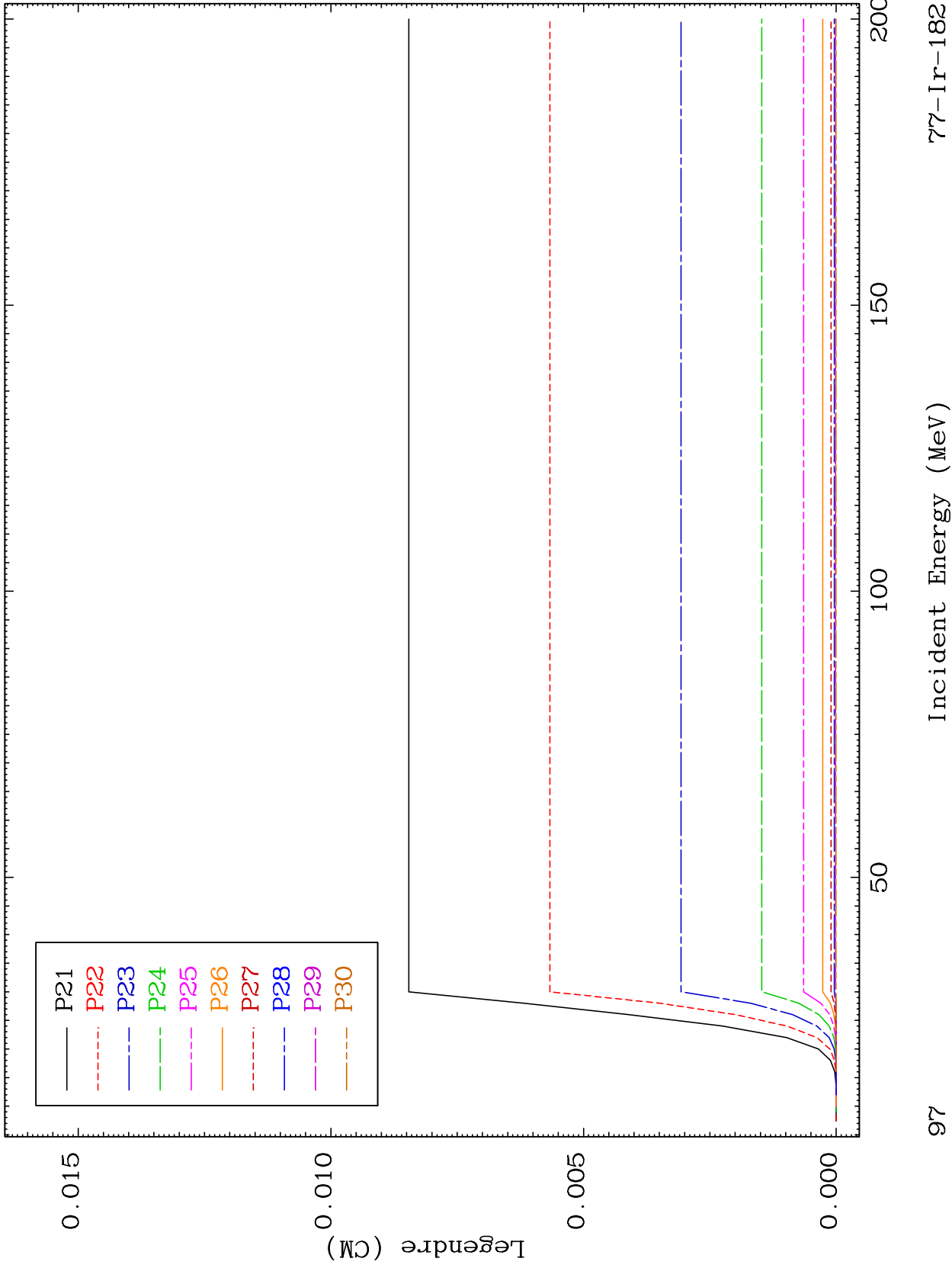
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



97

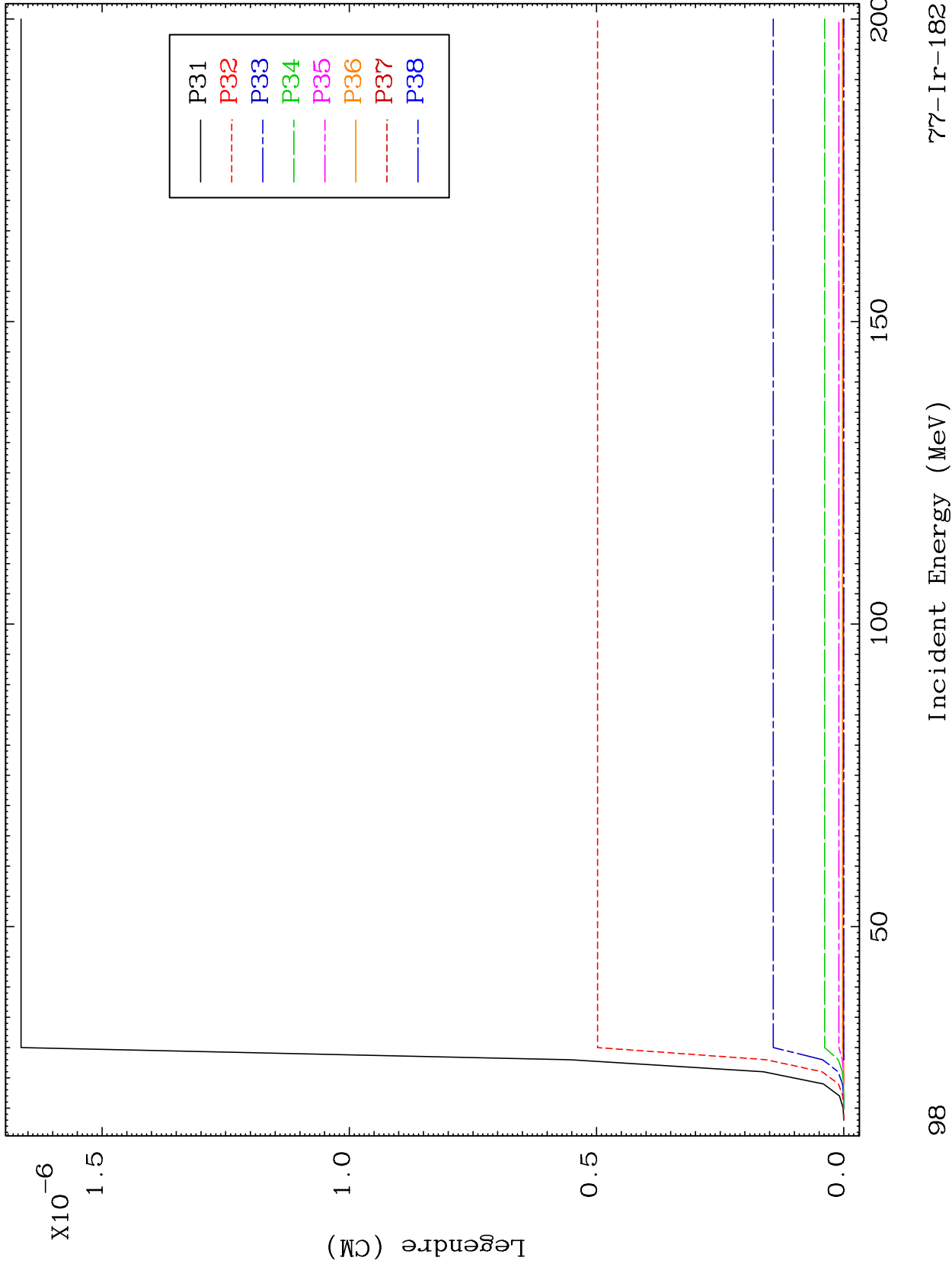
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

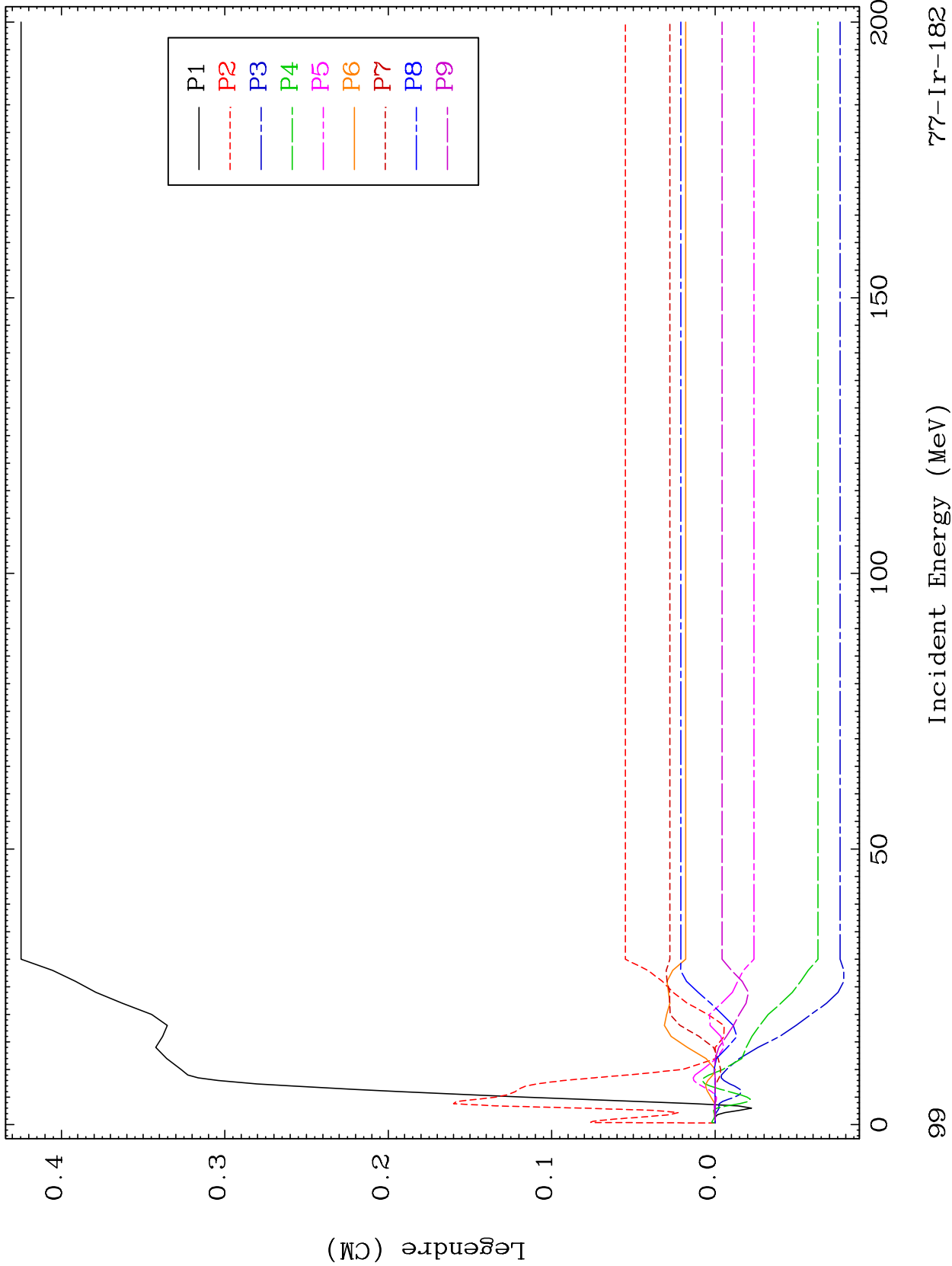
77-Ir-182



MAT 7698

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

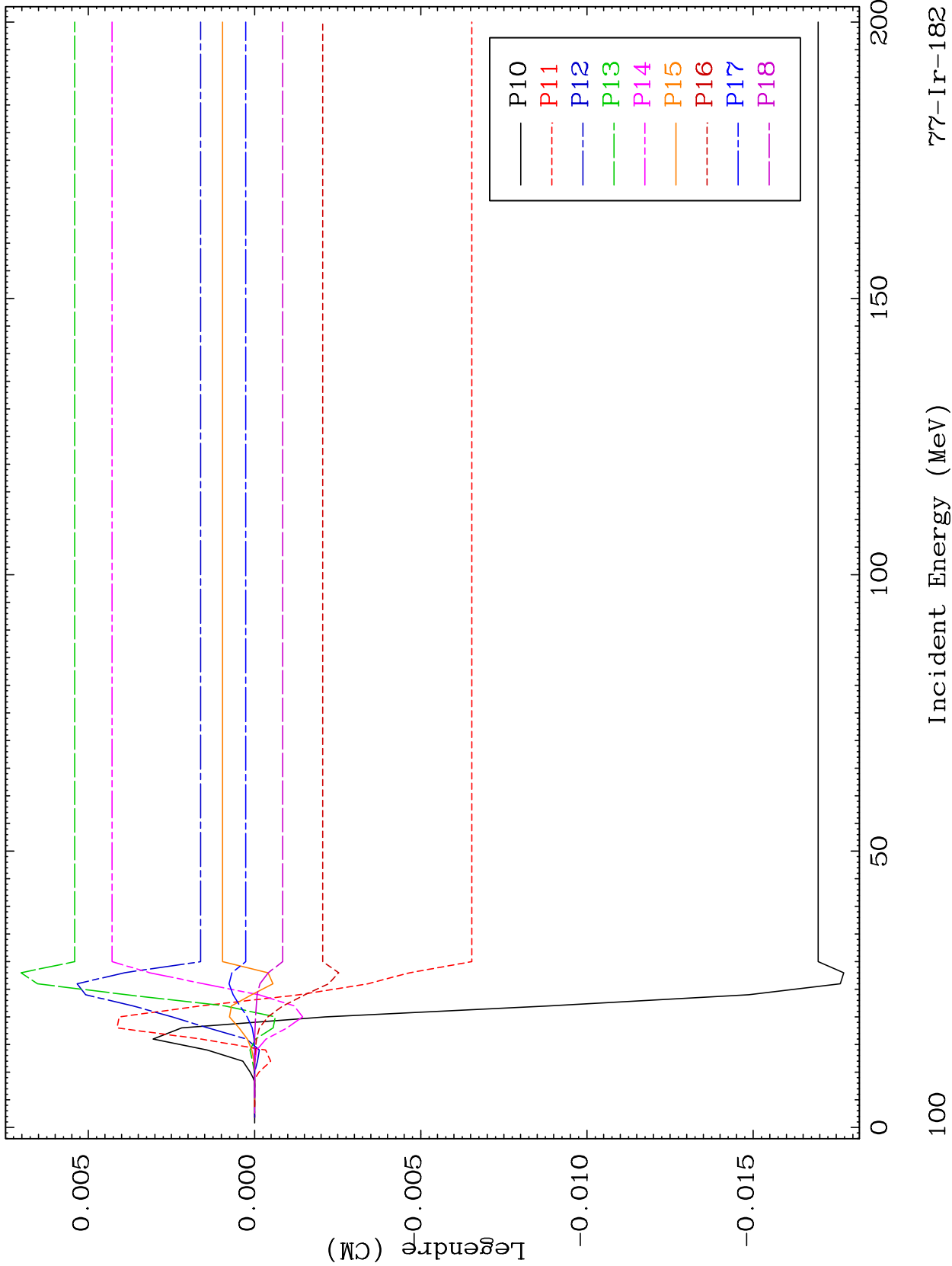
77-Ir-182



MAT 7698

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

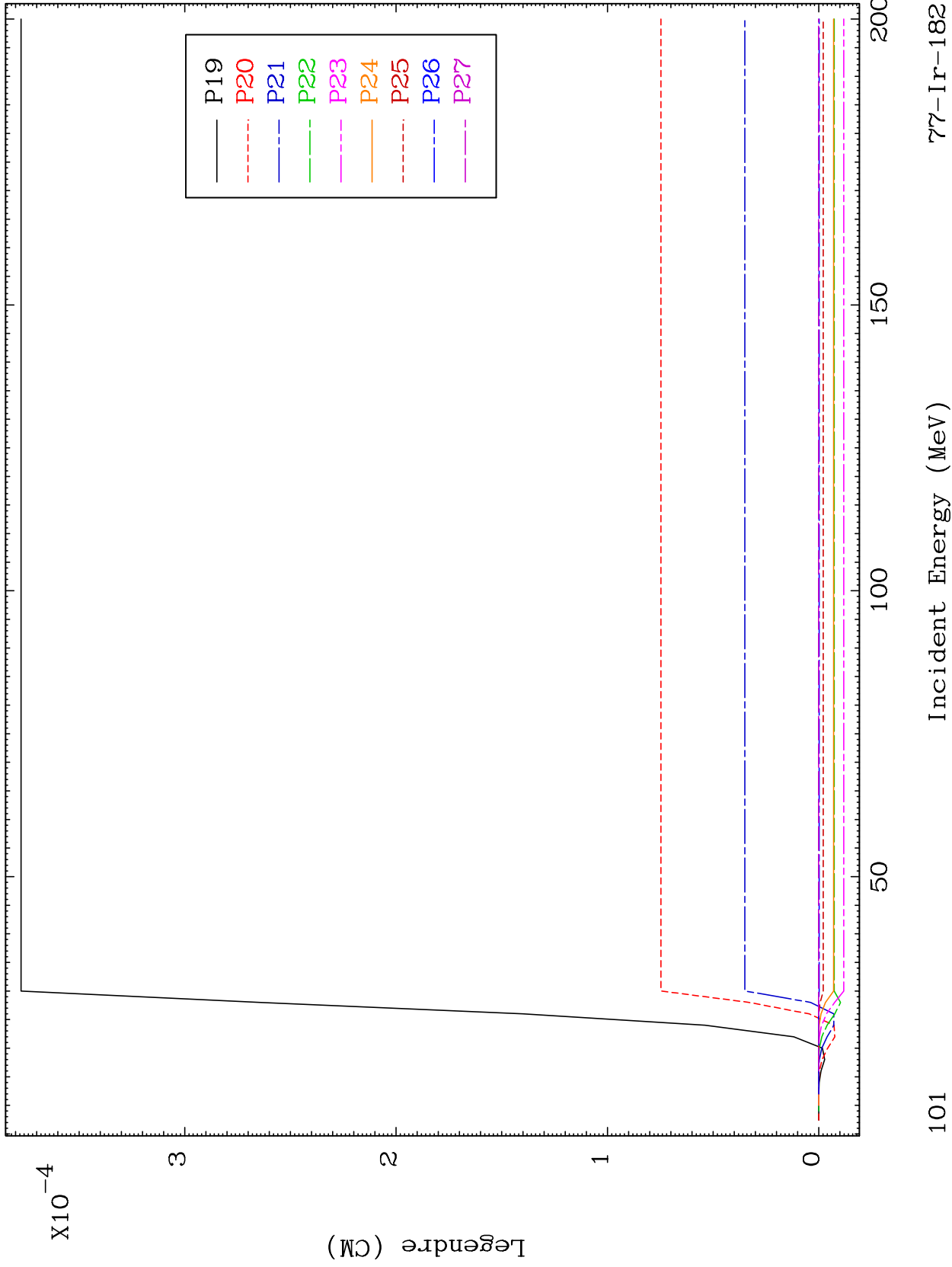
77-Ir-182



MAT 7698

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

⁷⁷Ir-182



101

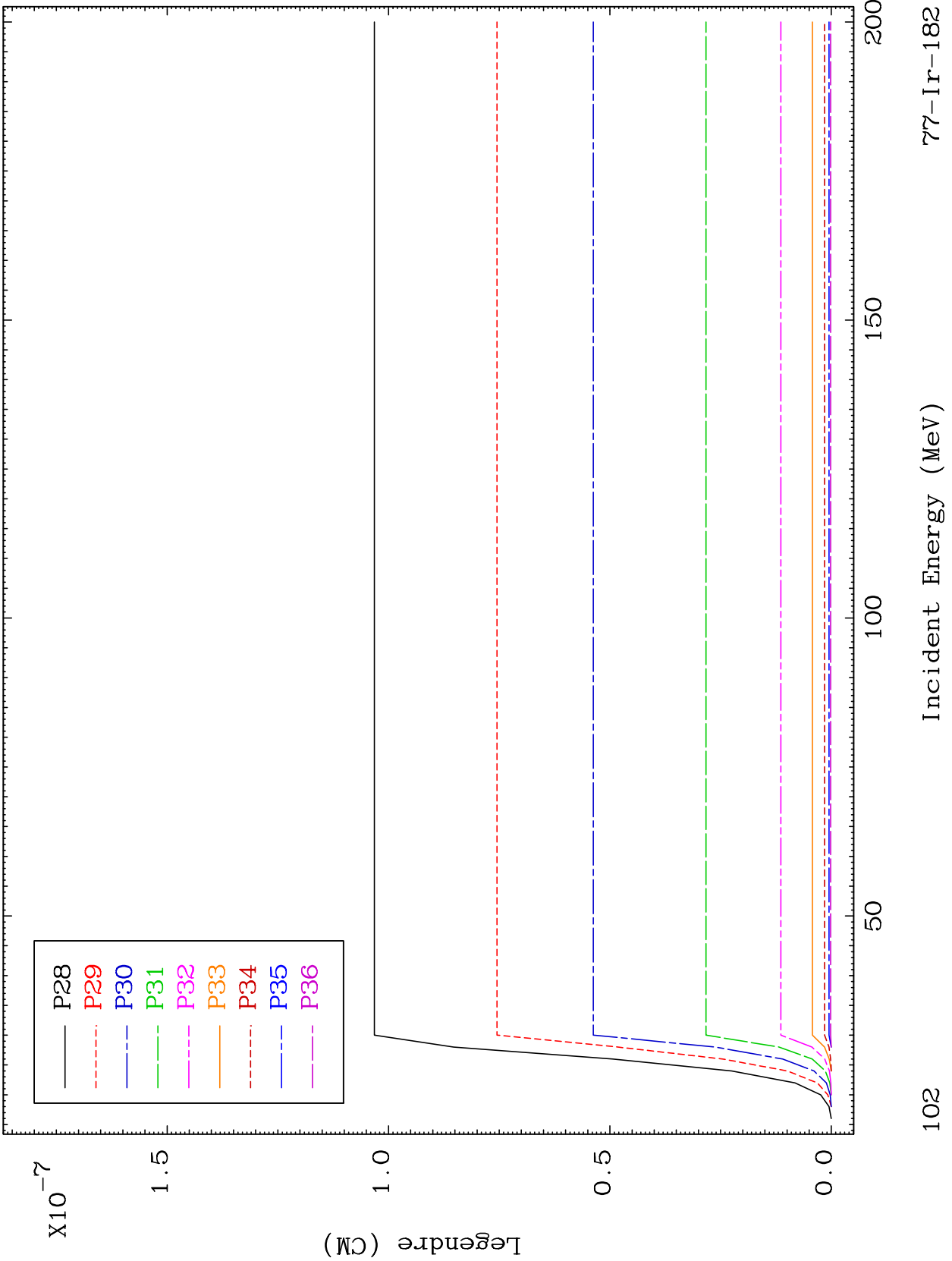
Incident Energy (MeV)

⁷⁷Ir-182

MAT 7698

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

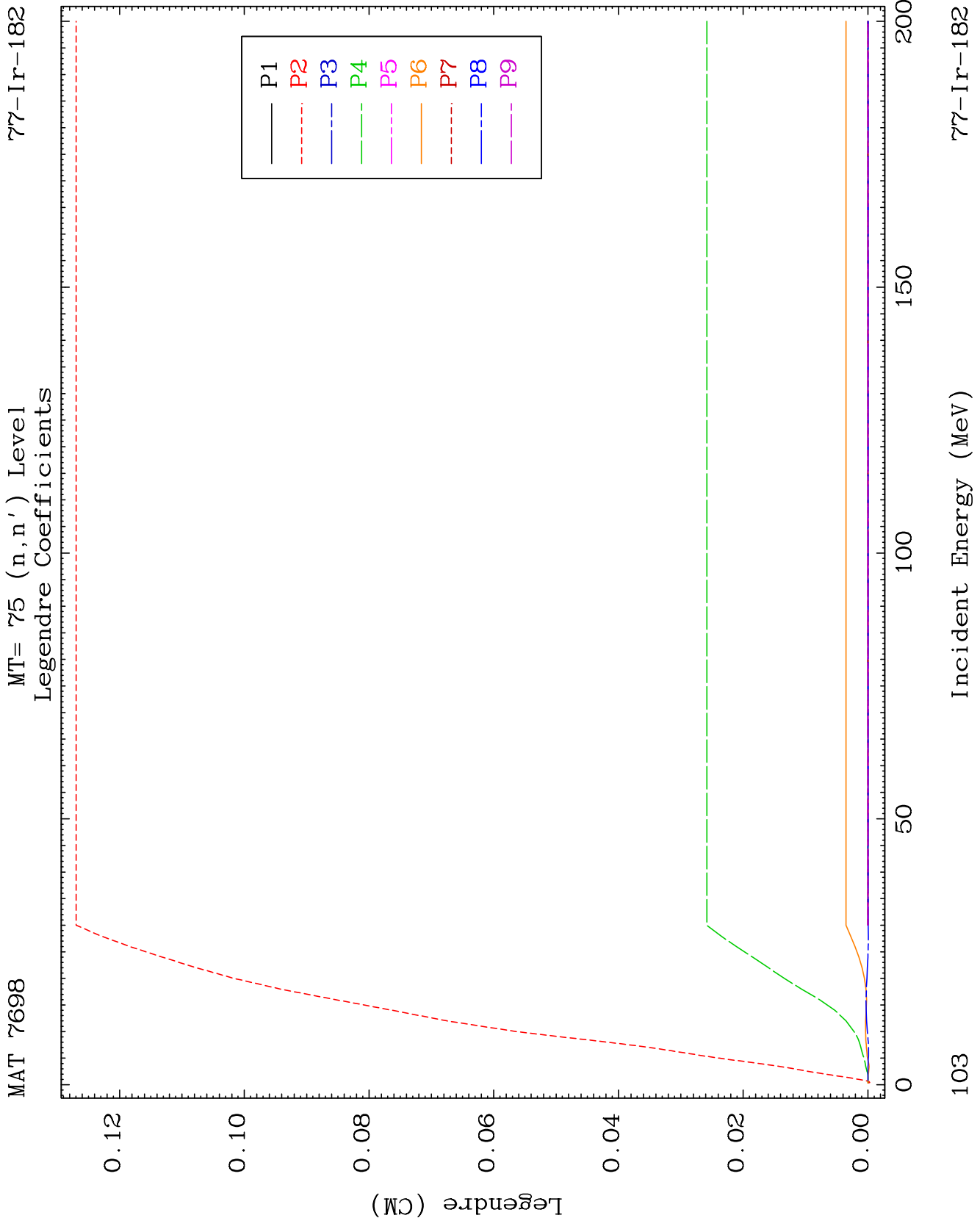
⁷⁷Ir-182



102

Incident Energy (MeV)

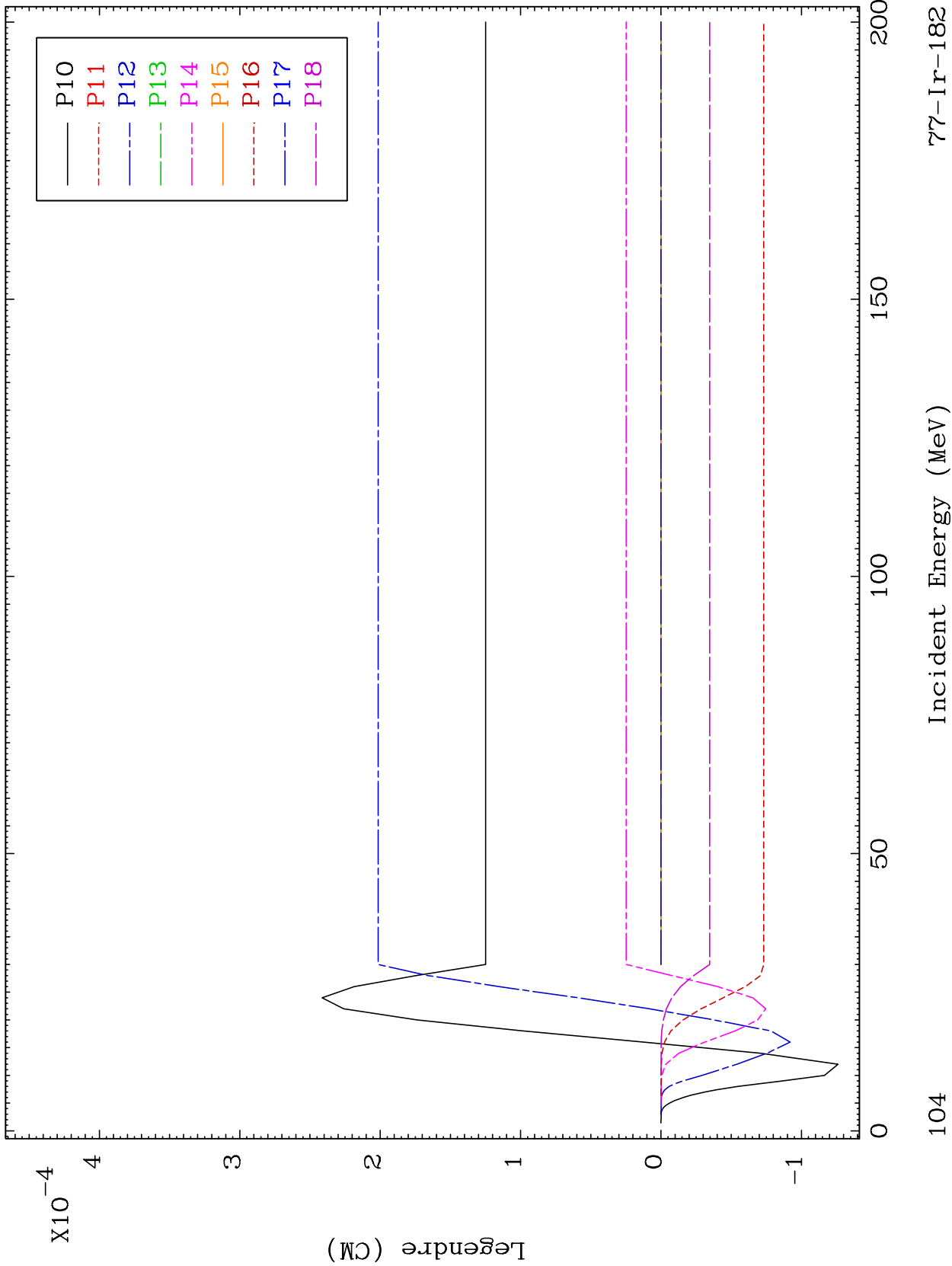
⁷⁷Ir-182



MAT 7698

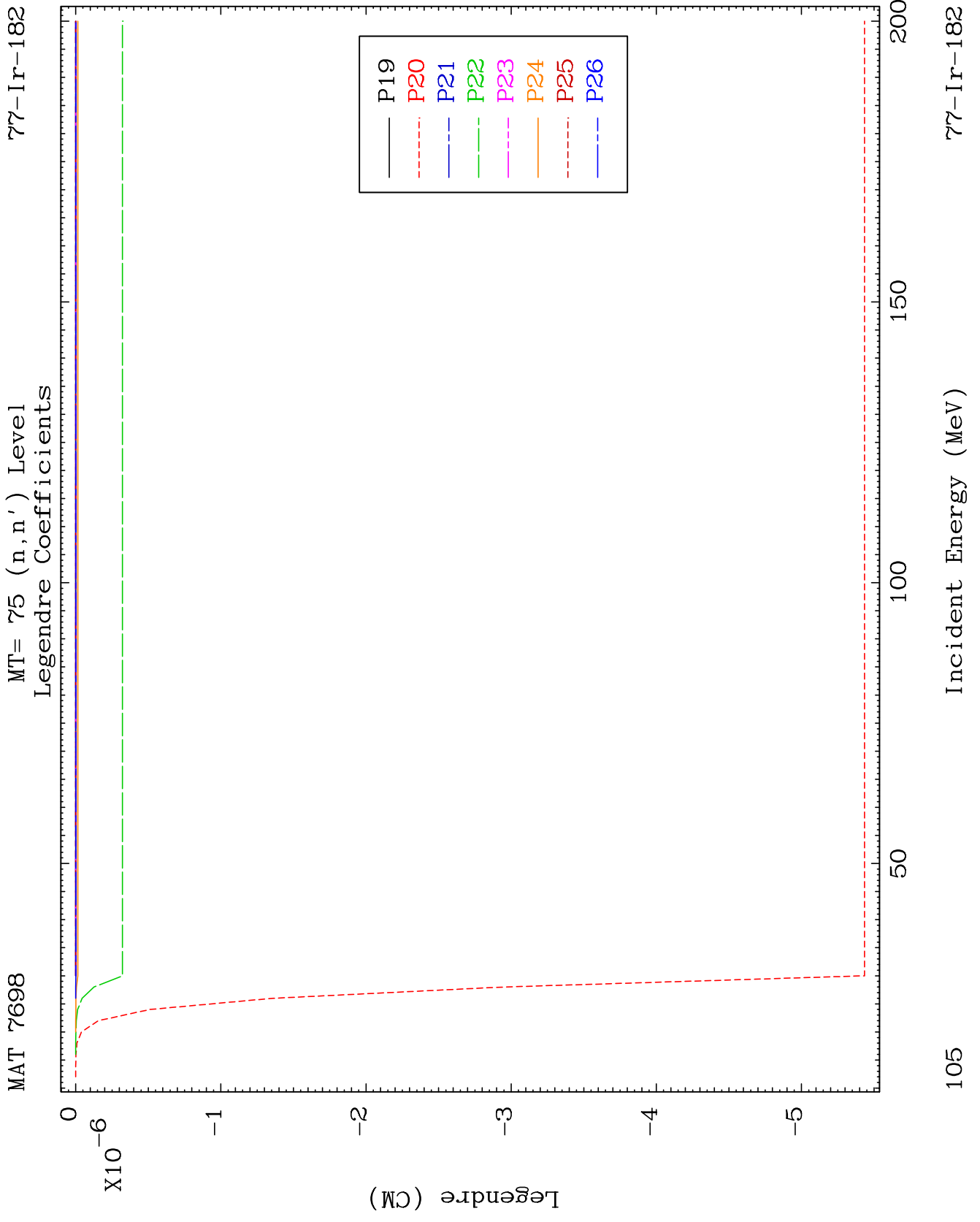
MT= 75 (n,n') Level
Legendre Coefficients

77-Ir-182



104

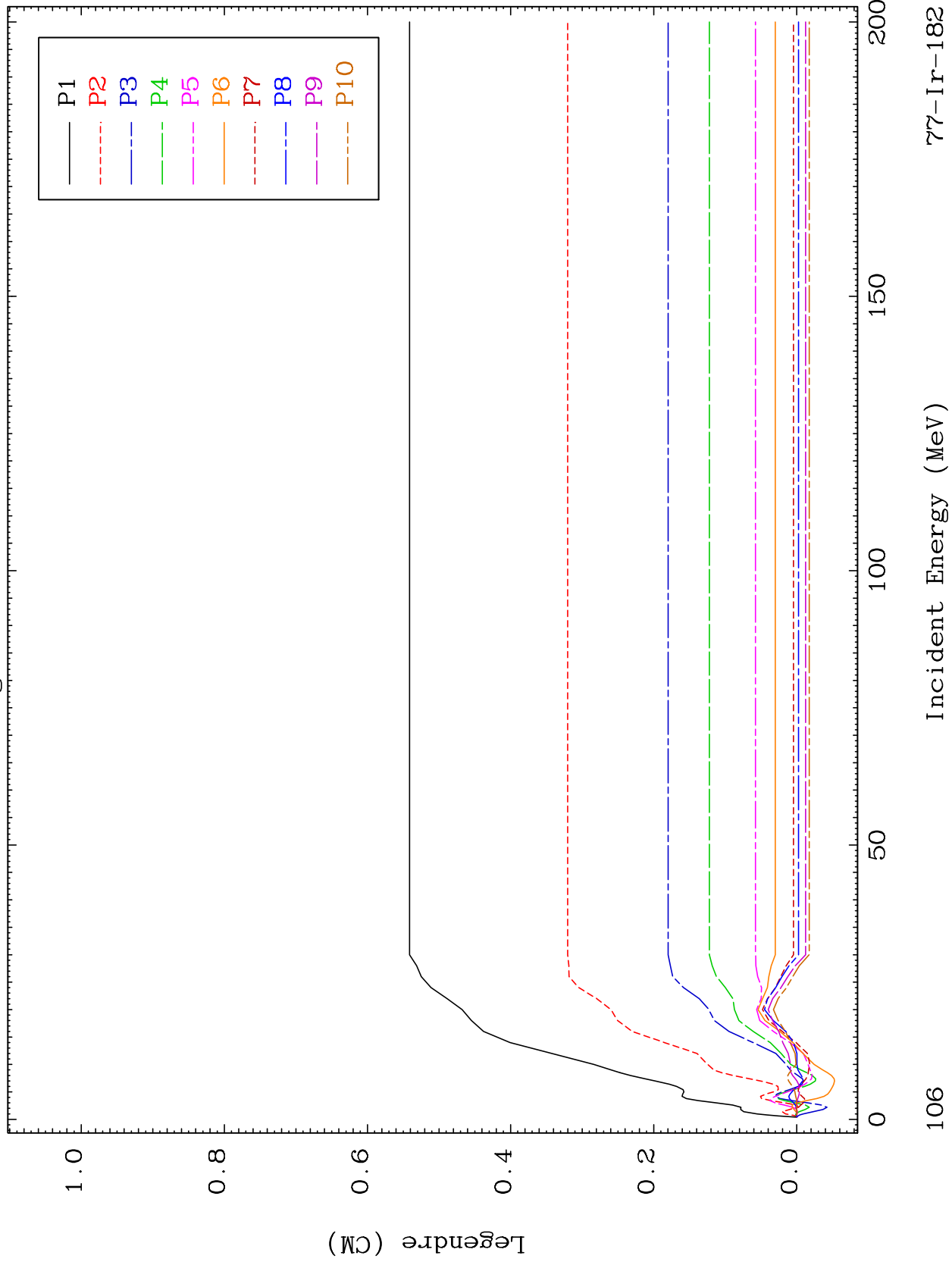
77-Ir-182



MAT 7698

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

77-Ir-182



77-Ir-182

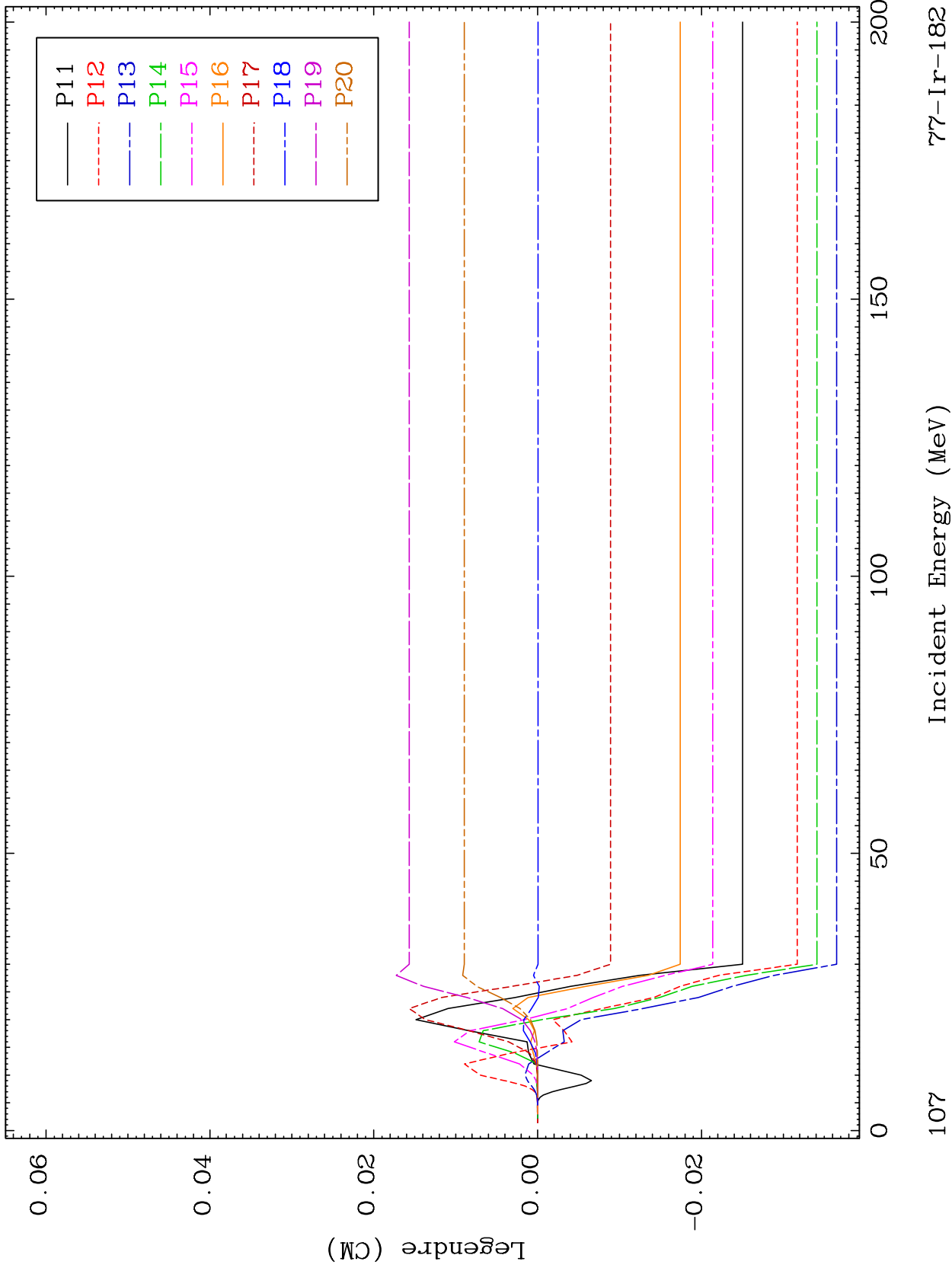
Incident Energy (MeV)

106

MAT 7698

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

77-Ir-182



77-Ir-182

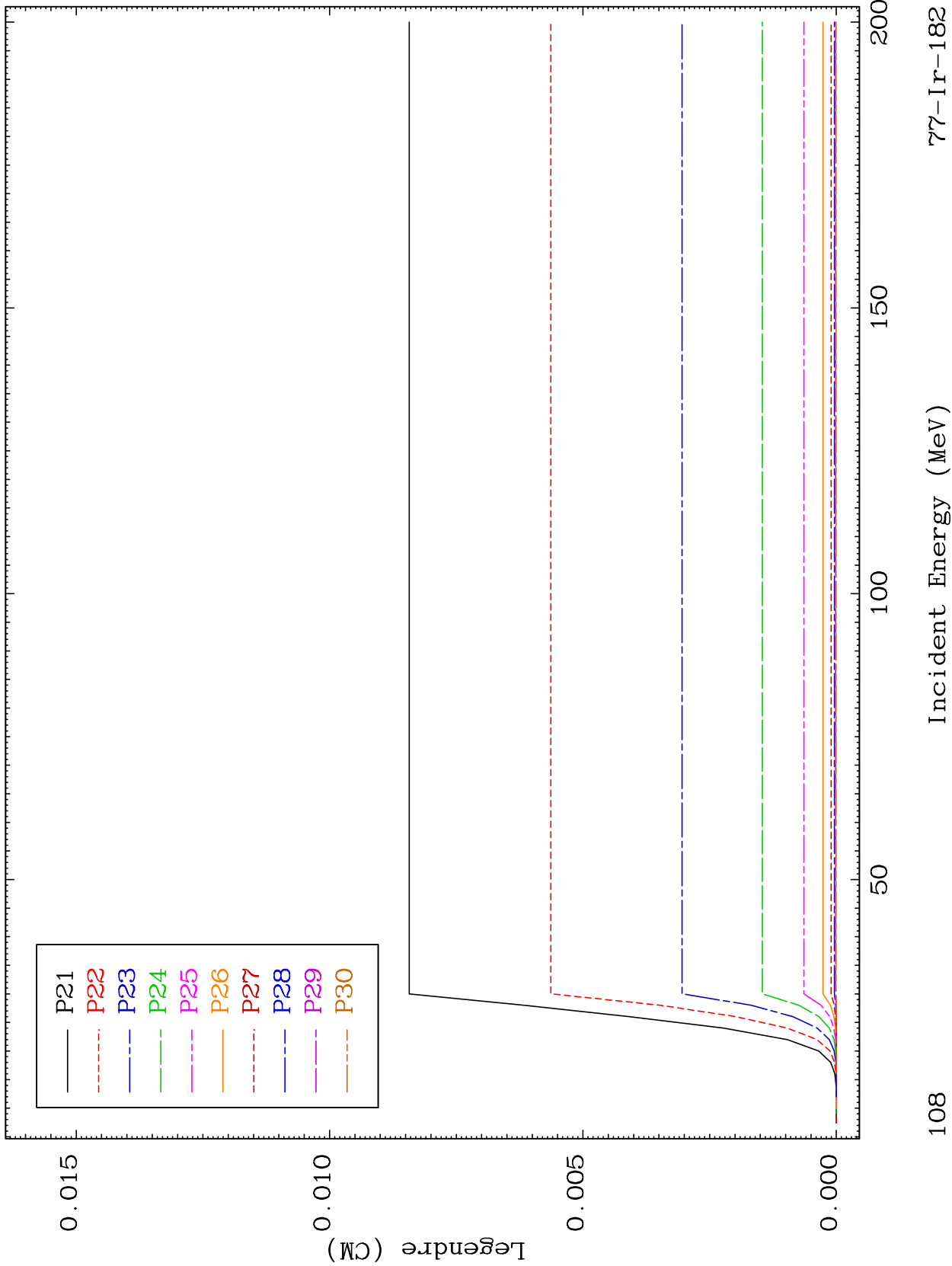
Incident Energy (MeV)

107

MAT 7698

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

77-Ir-182



108

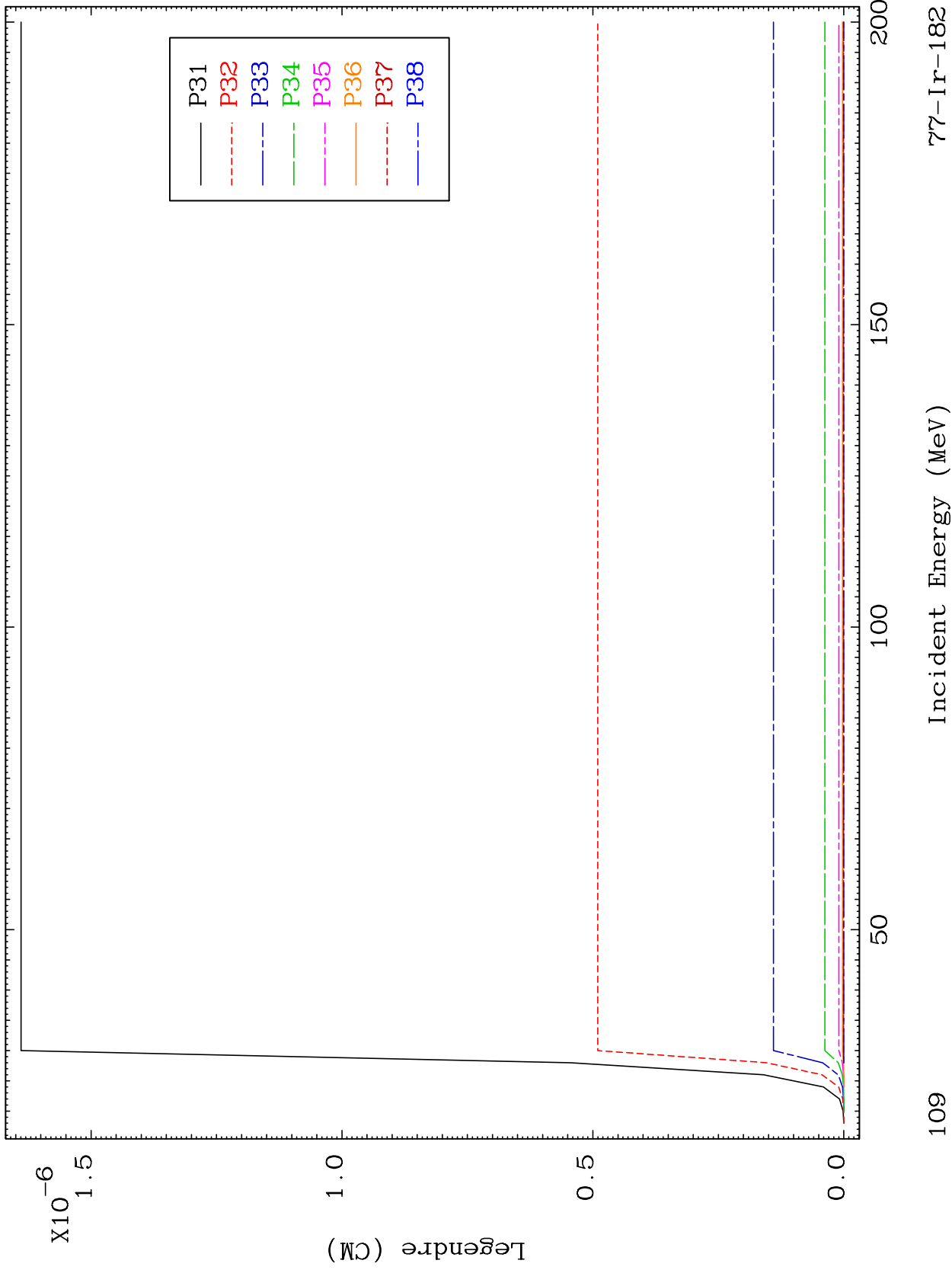
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



109

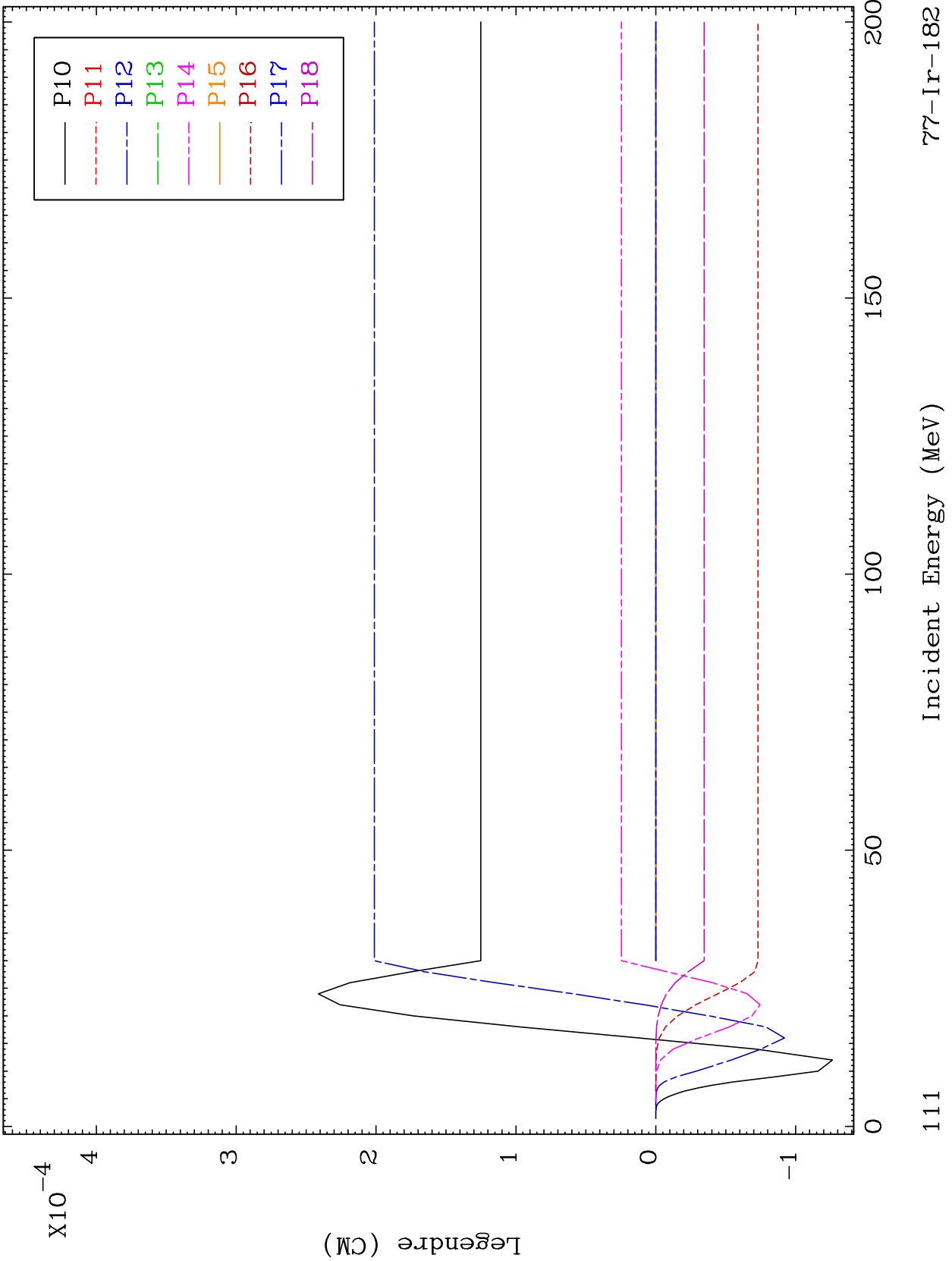
Incident Energy (MeV)

77-Ir-182

MAT 7698

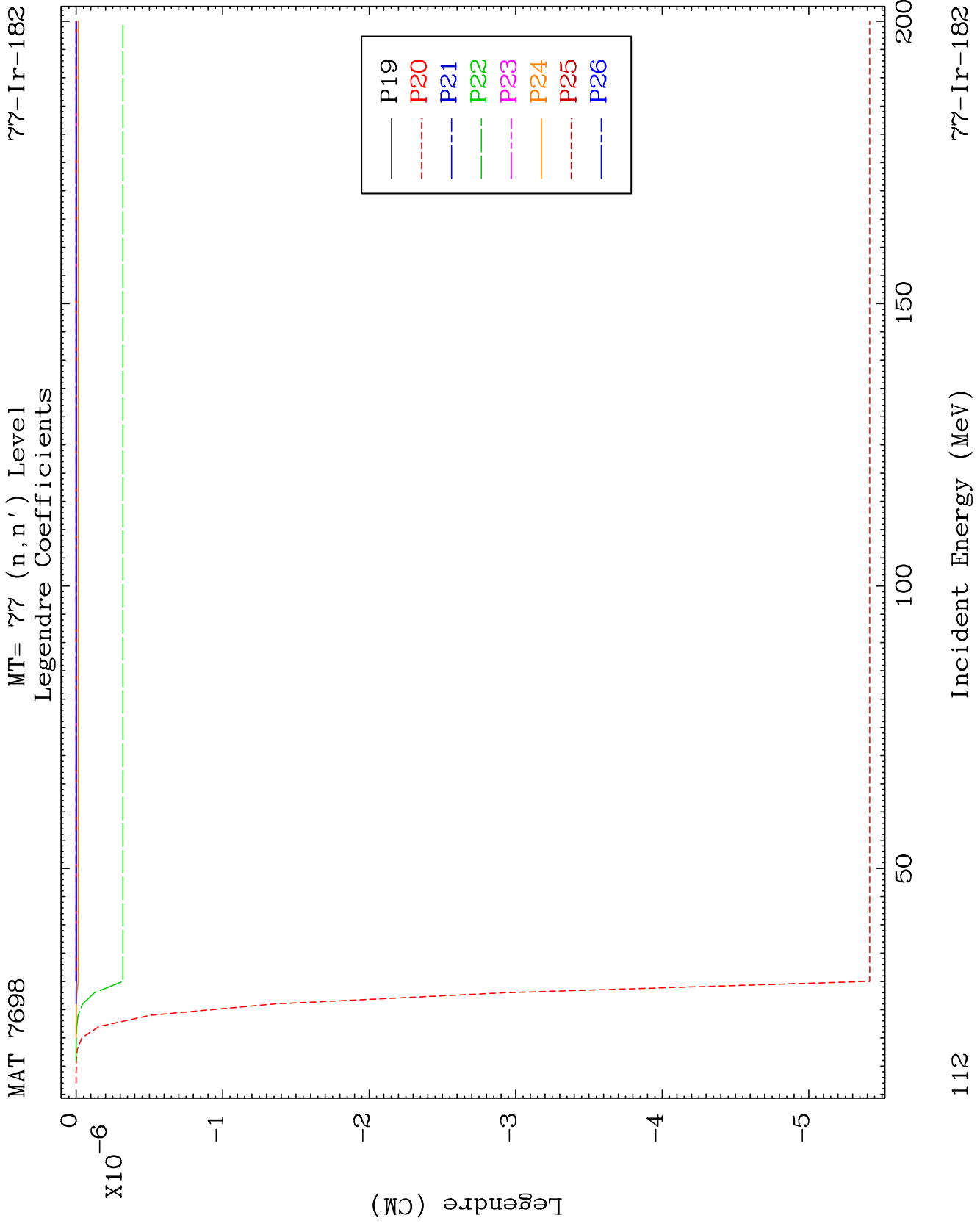
MT= 77 (n,n') Level Legendre Coefficients

77-Ir-182



111

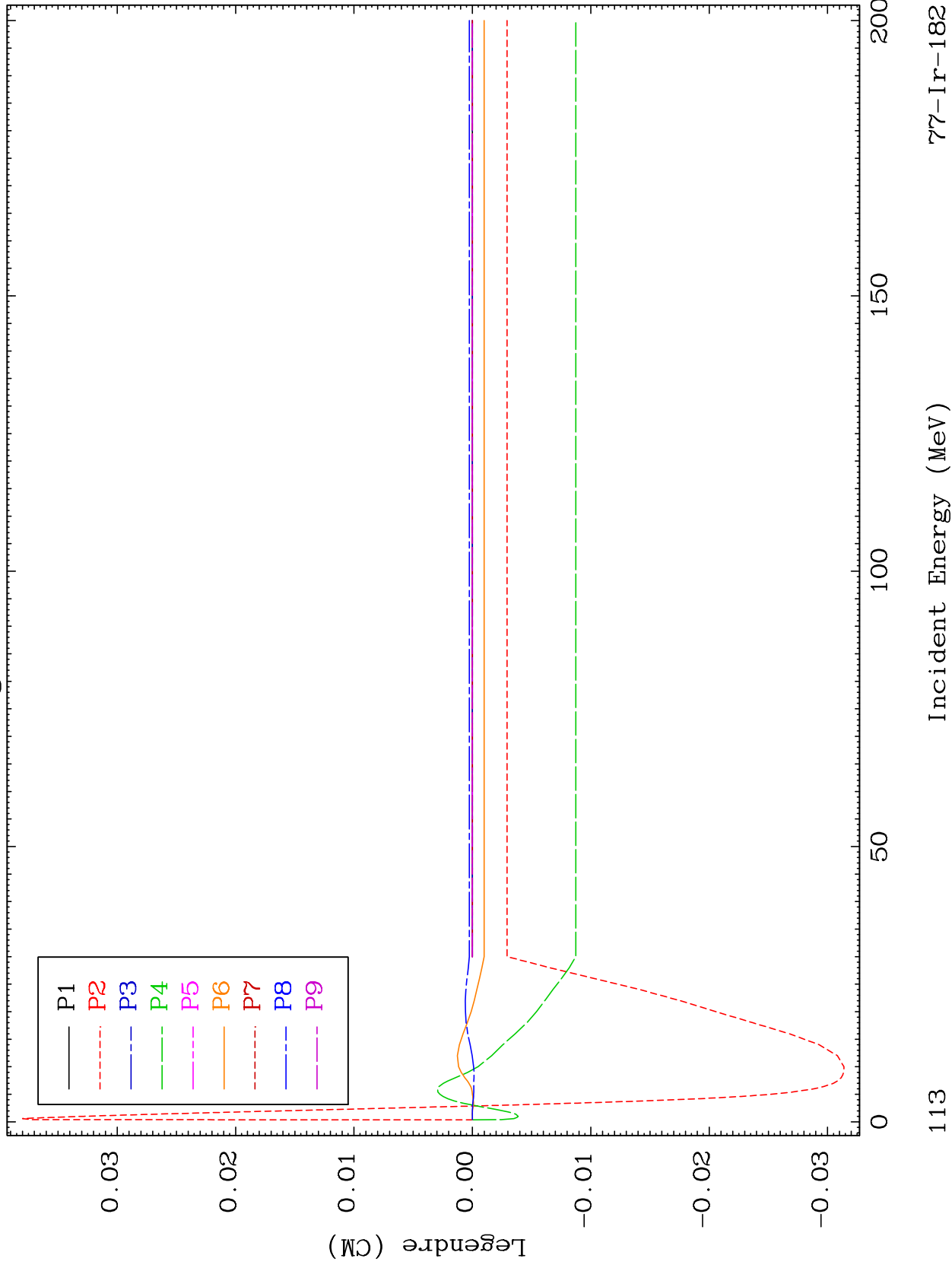
77-Ir-182



MAT 7698

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

77-Ir-182



113

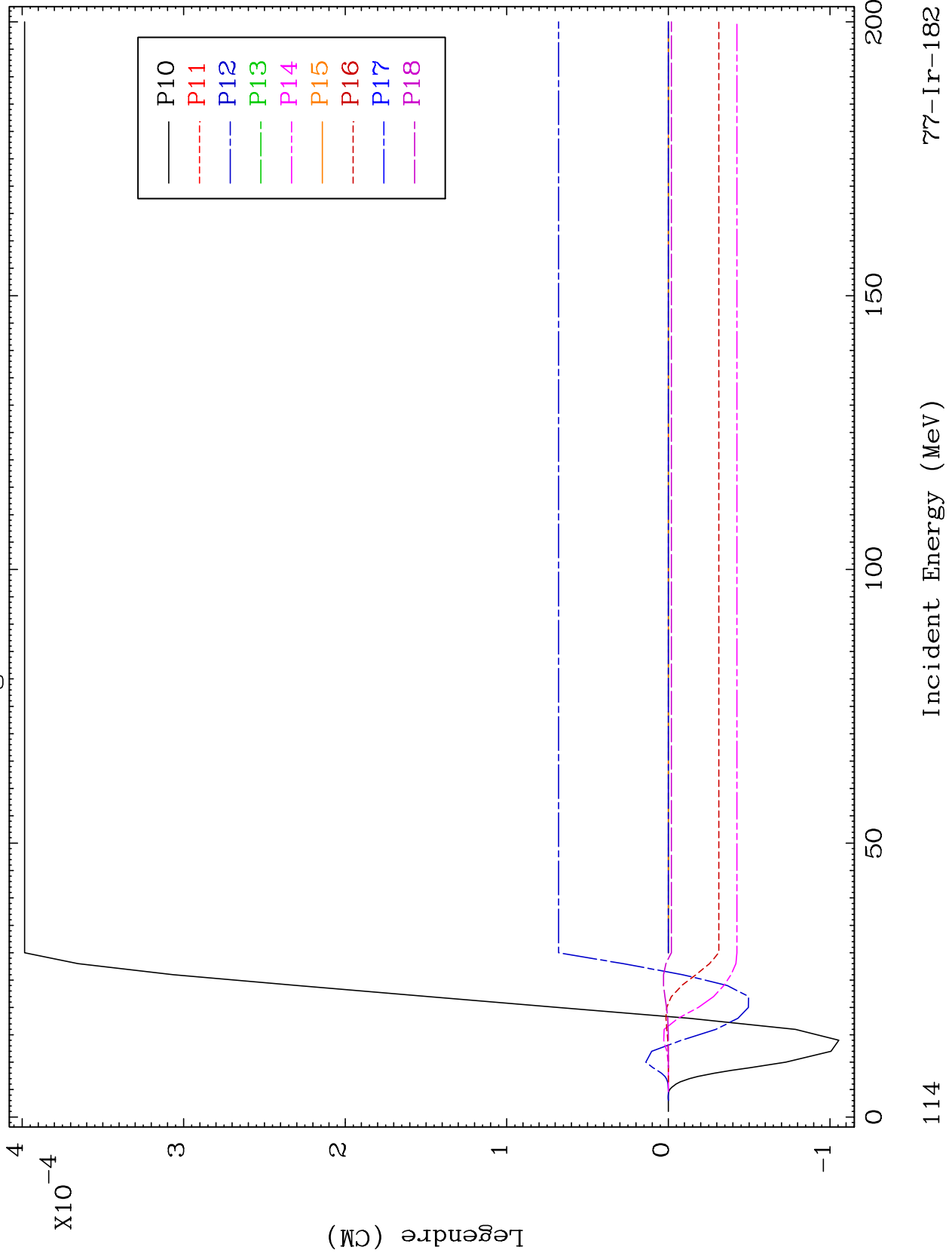
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

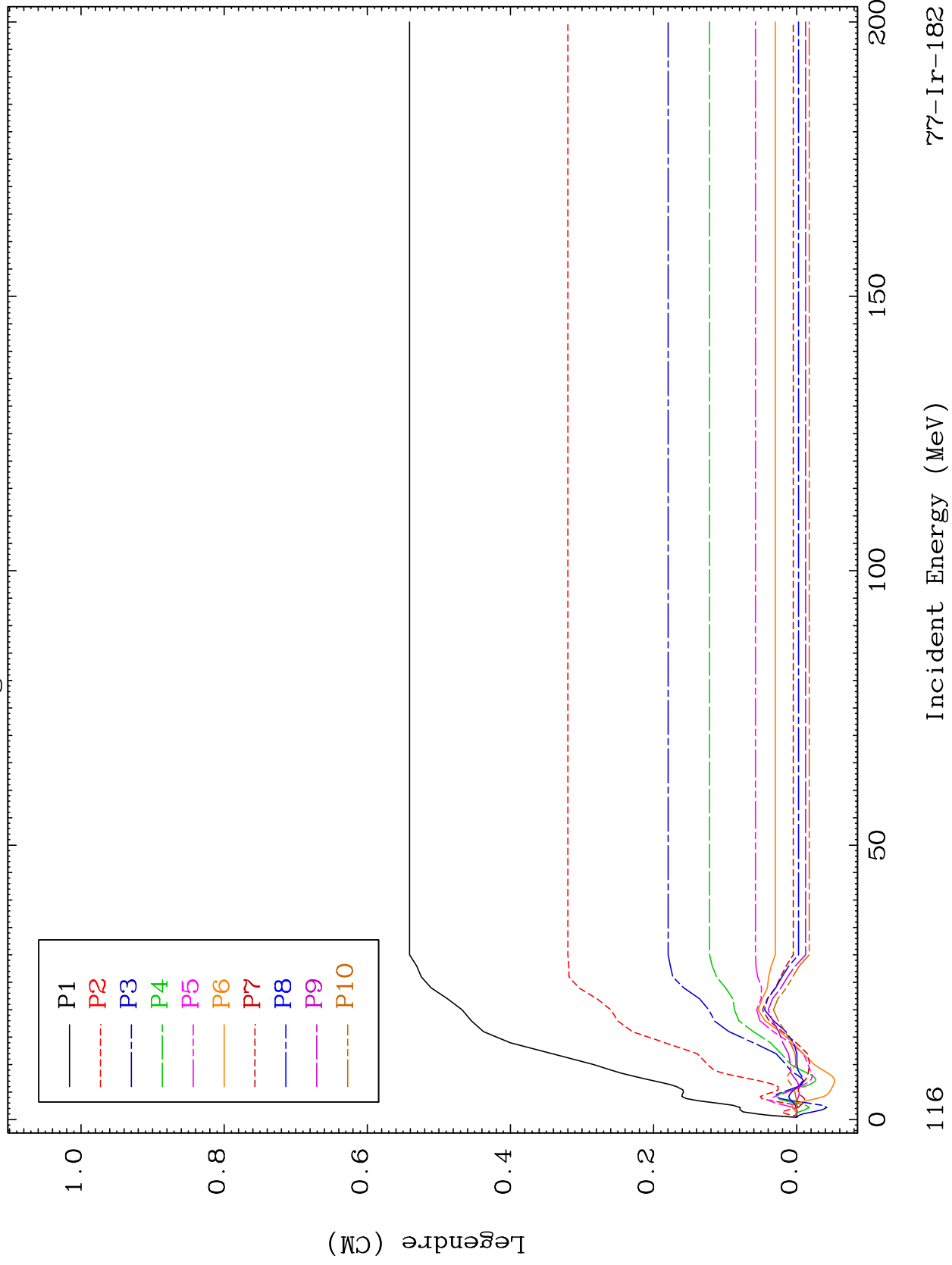
Incident Energy (MeV)

114

MAT 7698

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

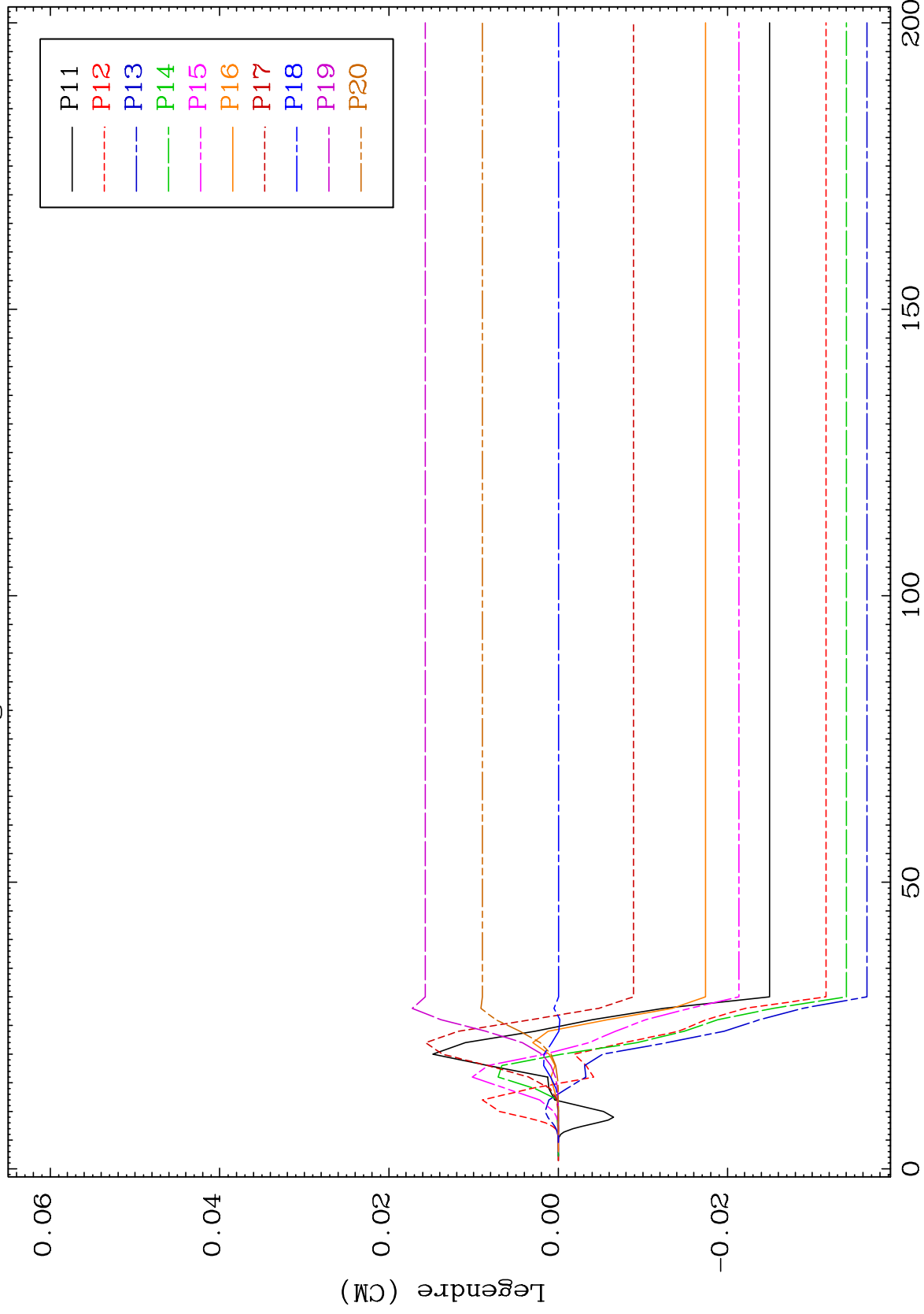
⁷⁷Ir-182



MAT 7698

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

77-Ir-182



117

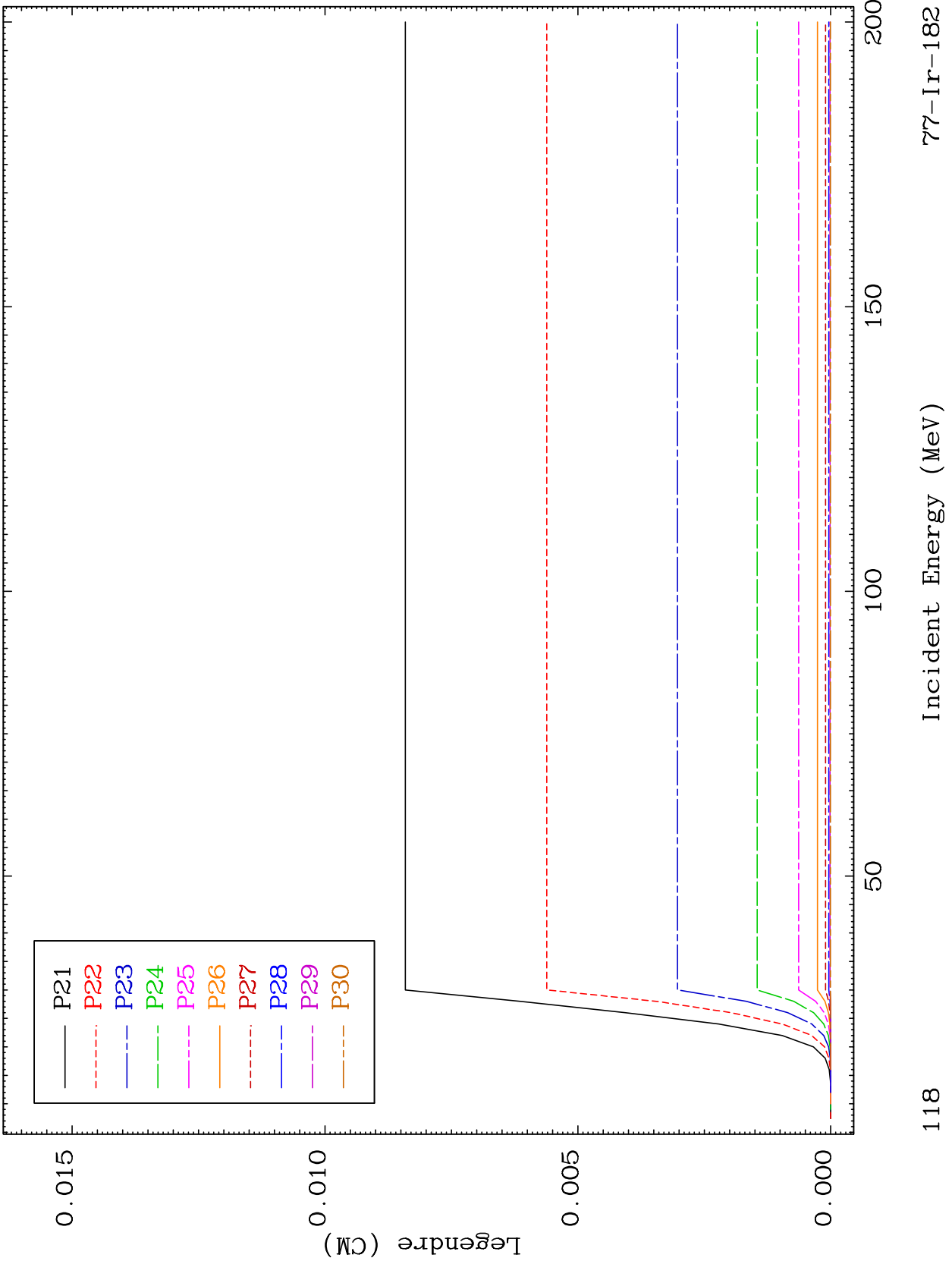
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



118

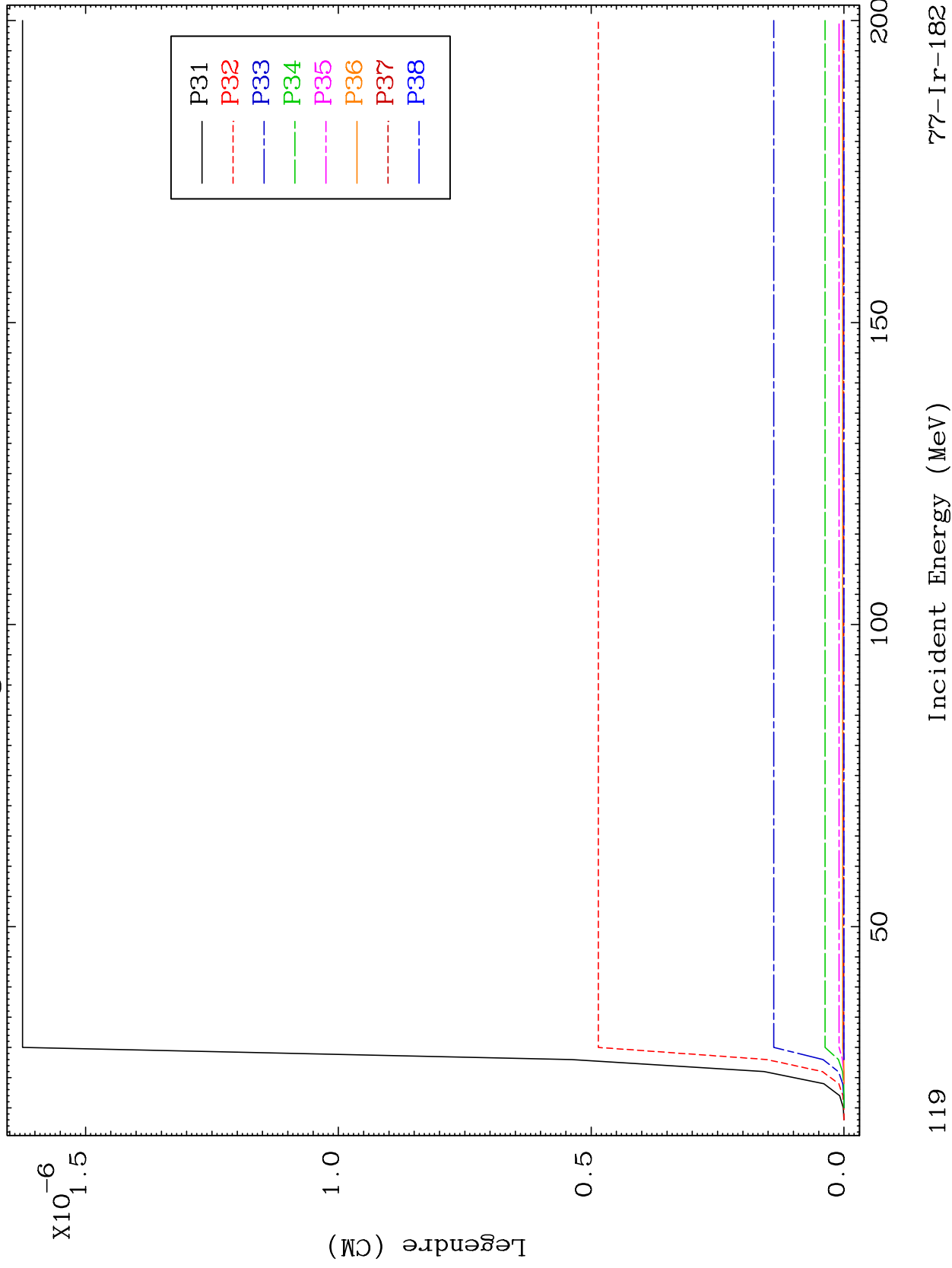
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



119

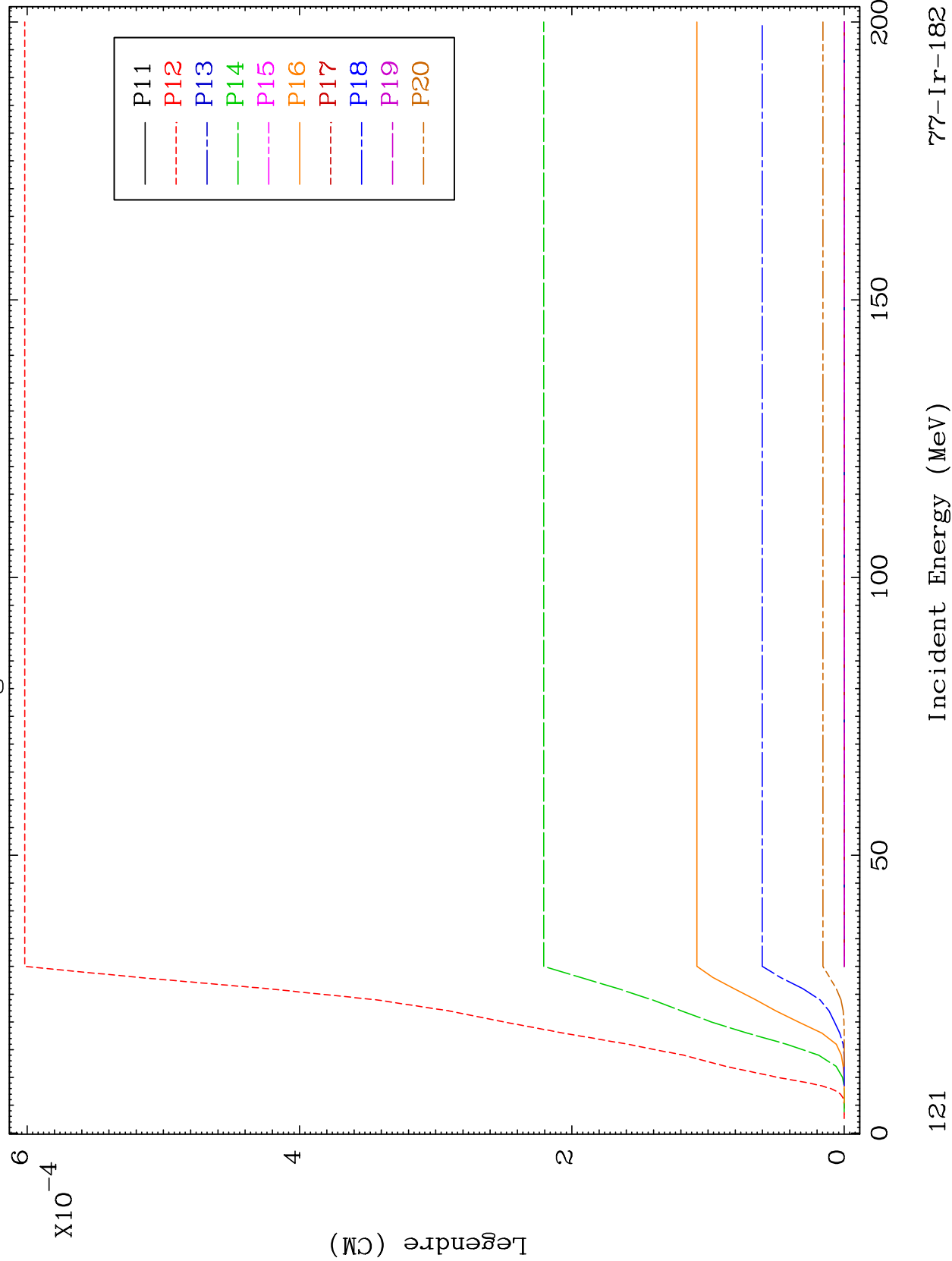
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



121

Incident Energy (MeV)

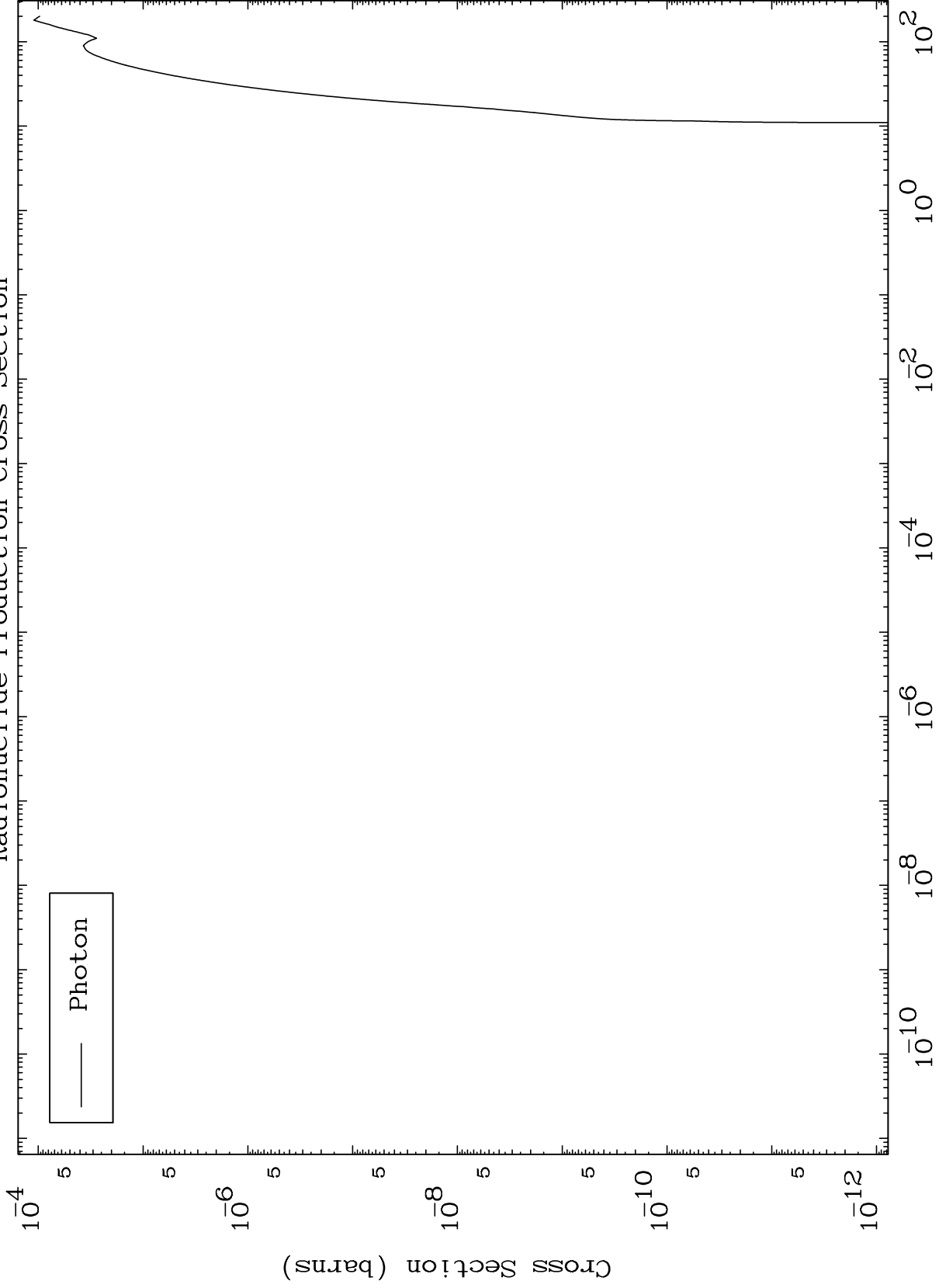
77-Ir-182

MAT 7698

Fission

⁷⁷Ir-182

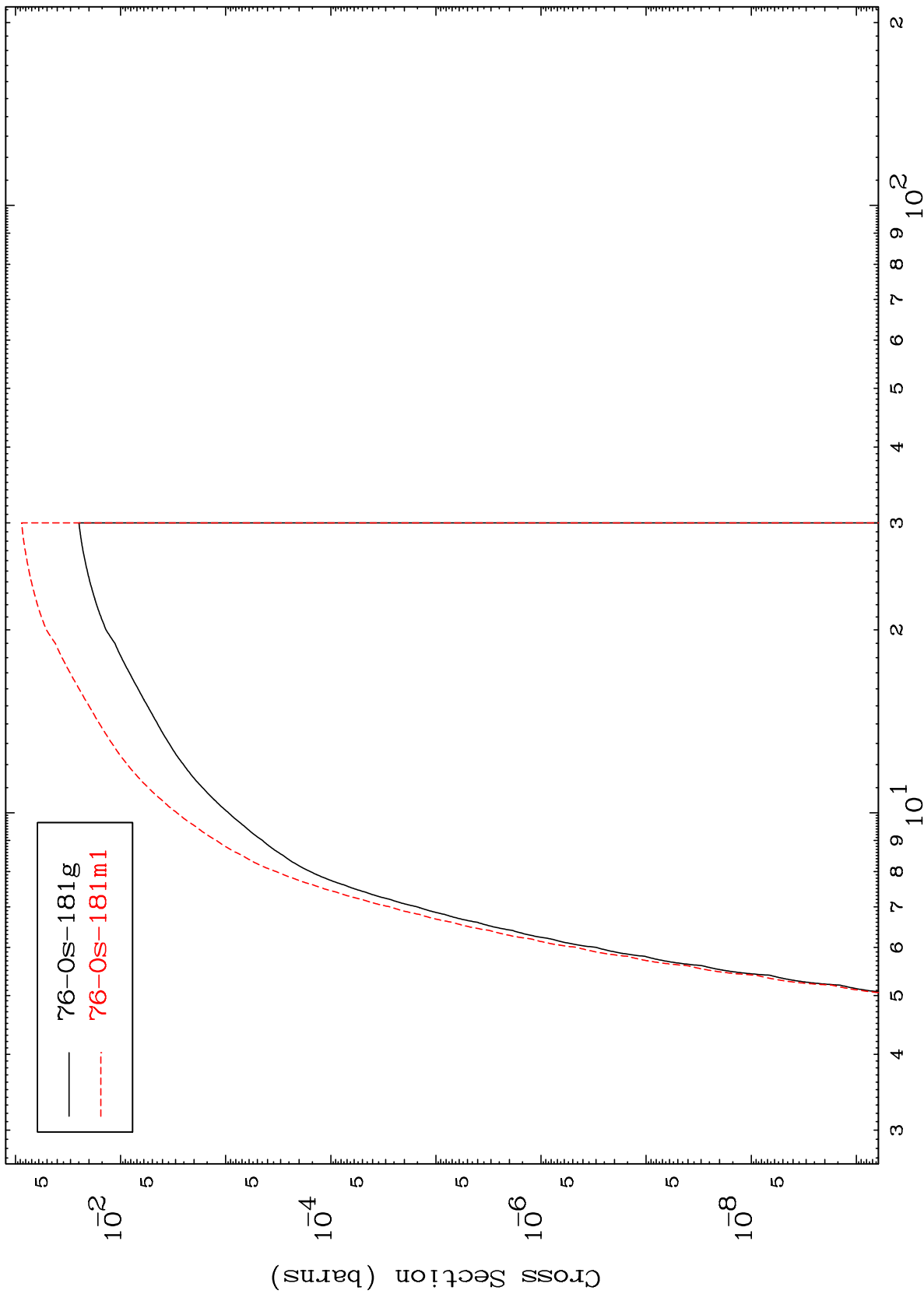
Radionuclide Production Cross Section



MAT 7698

77-Ir-182

(n,n') p
Radionuclide Production Cross Section



77-Ir-182

Incident Energy (MeV)

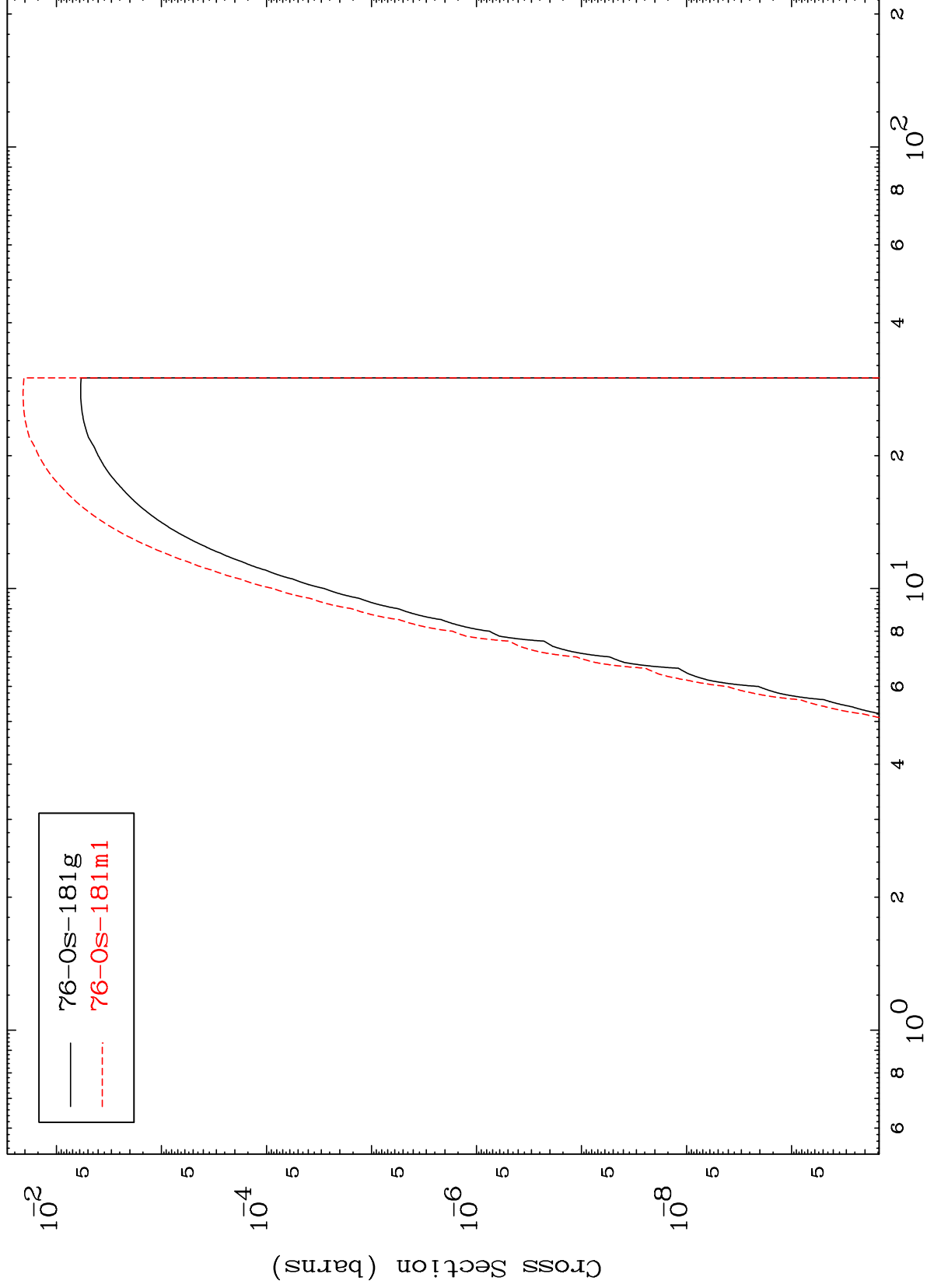
124

MAT 7698

(n,d)

⁷⁷Ir-182

Radionuclide Production Cross Section



125

Incident Energy (MeV)

⁷⁷Ir-182