

Program EVALPLOT
(Version 2018-1)

by

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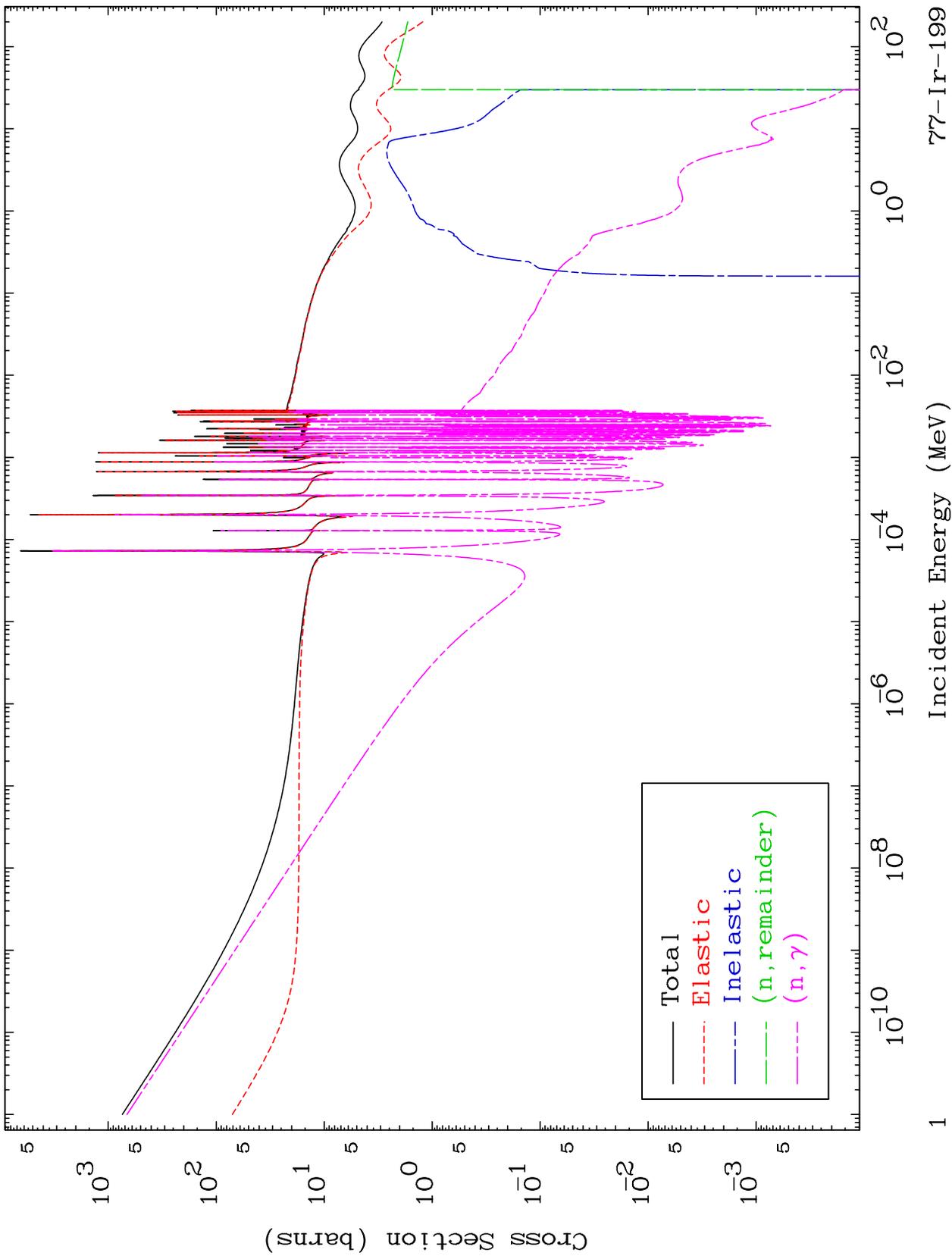
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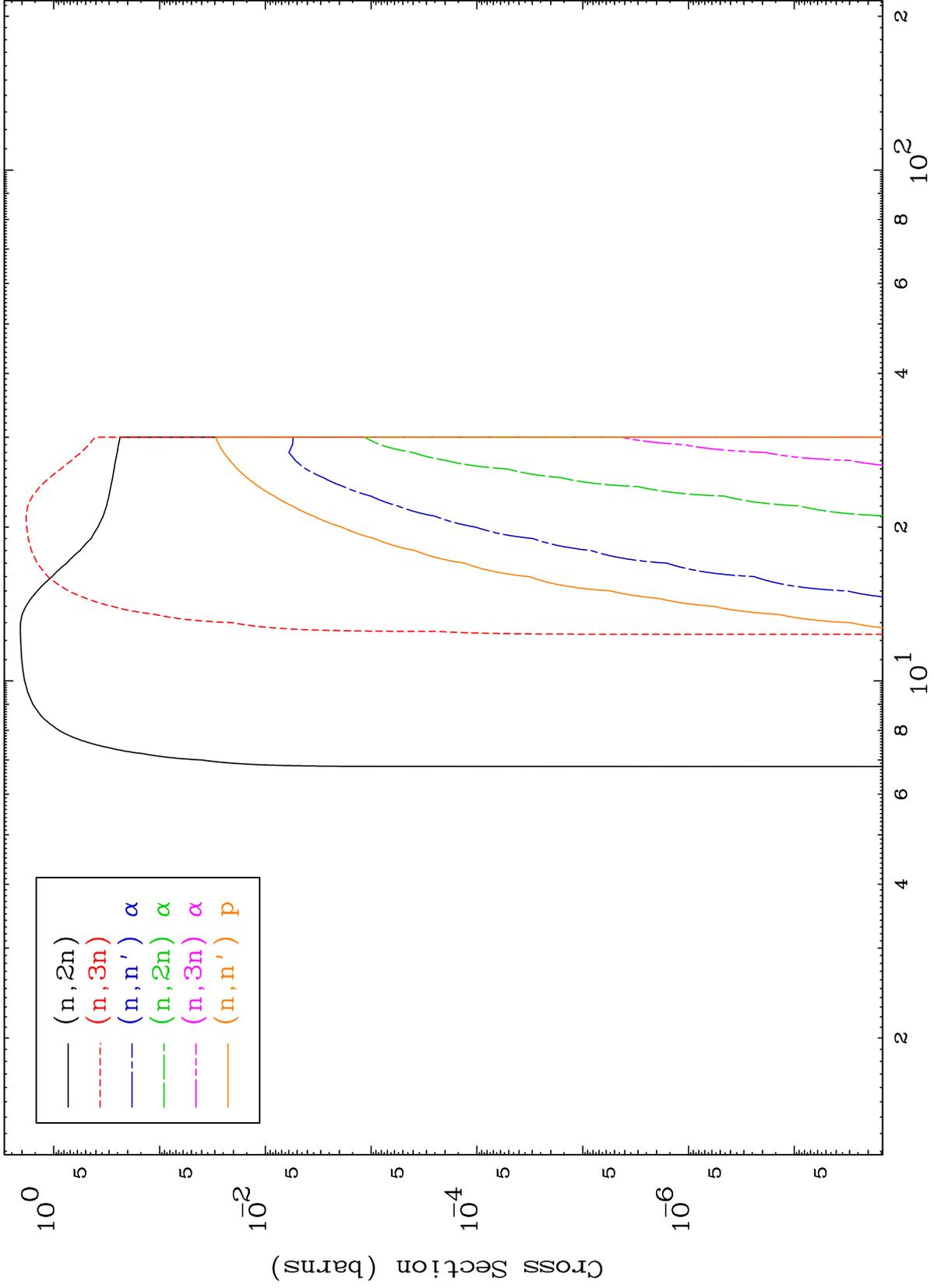
MAT 7749

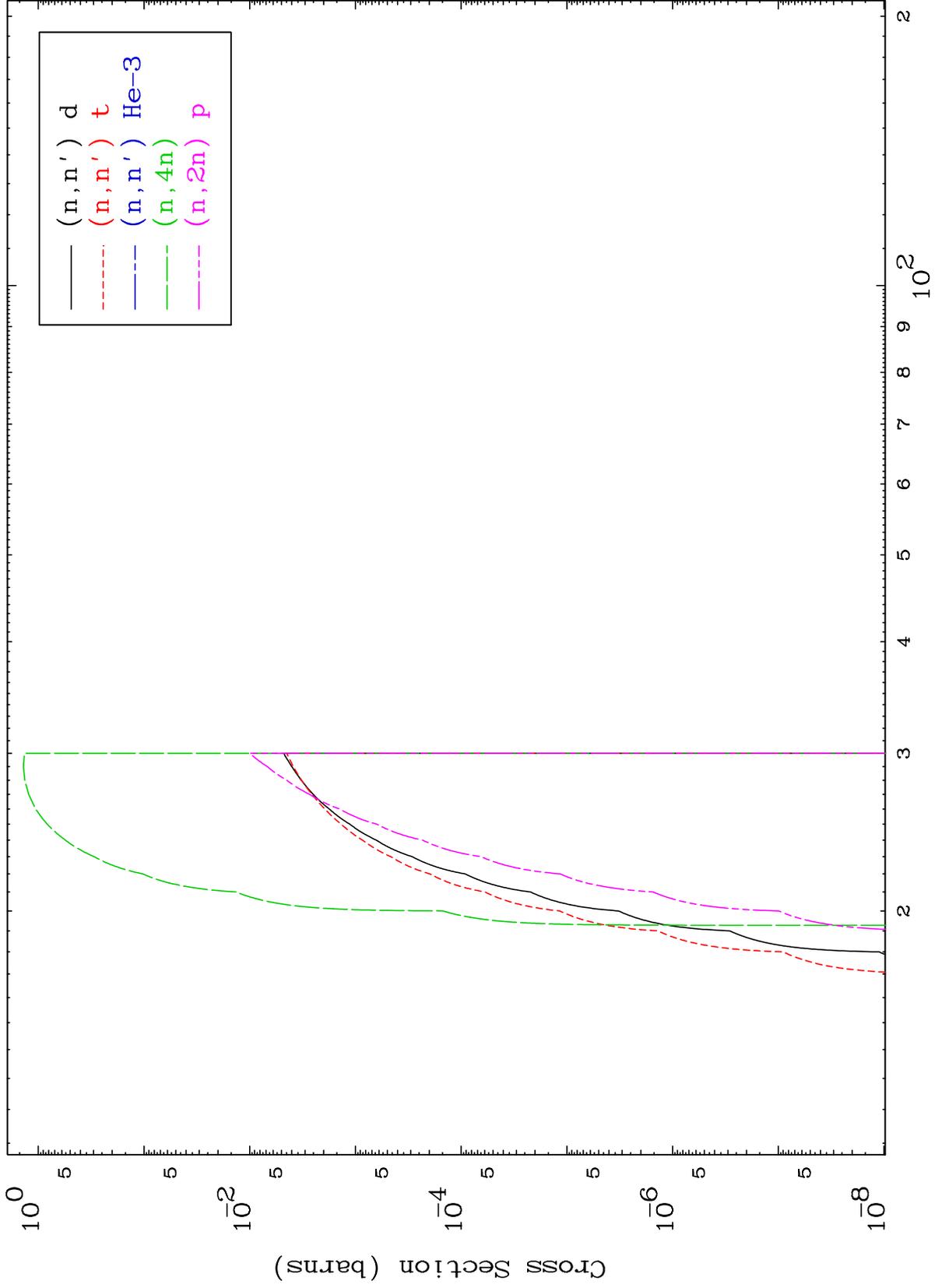
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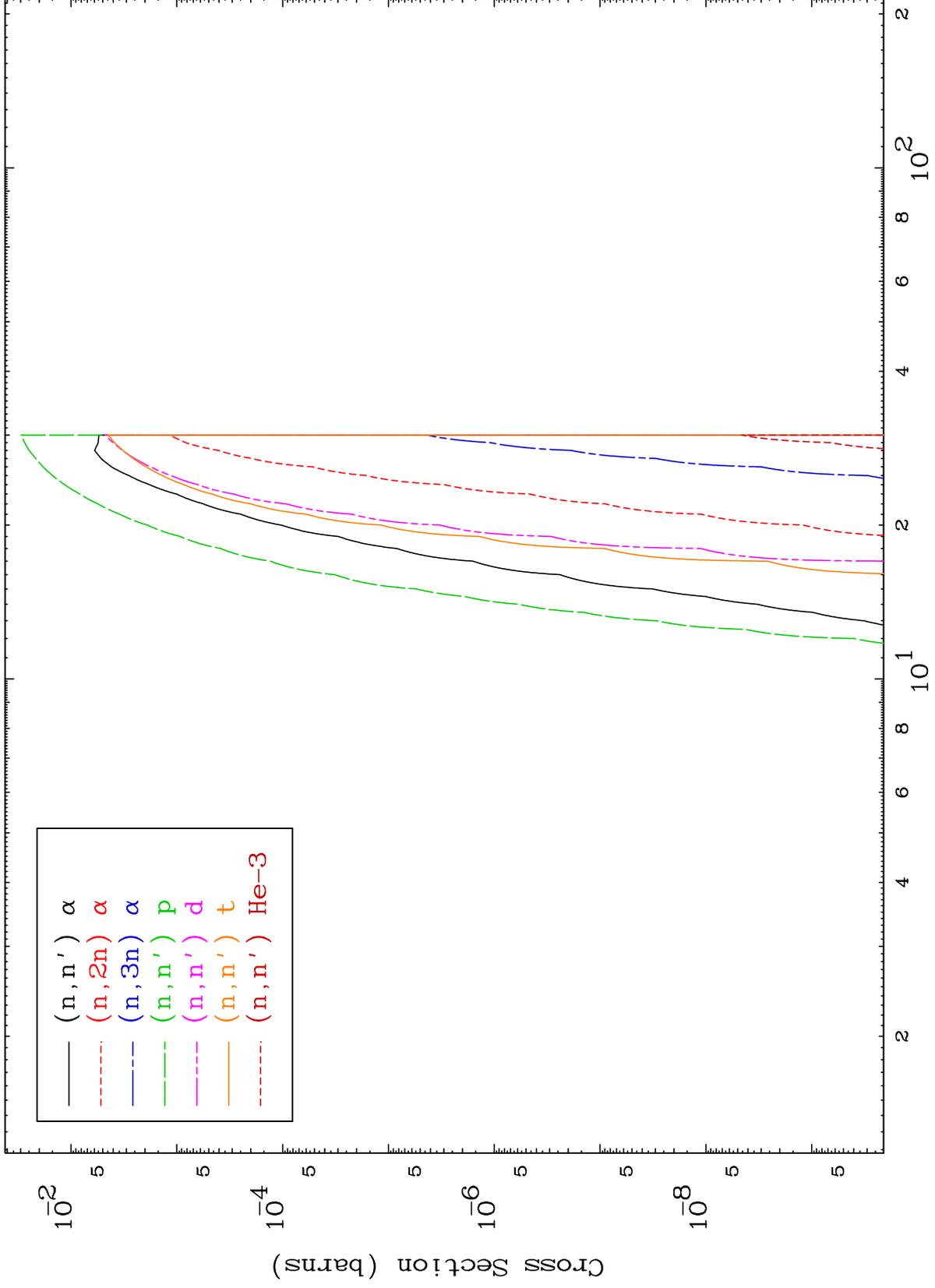
293 Kelvin Cross Sections

77-Ir-199





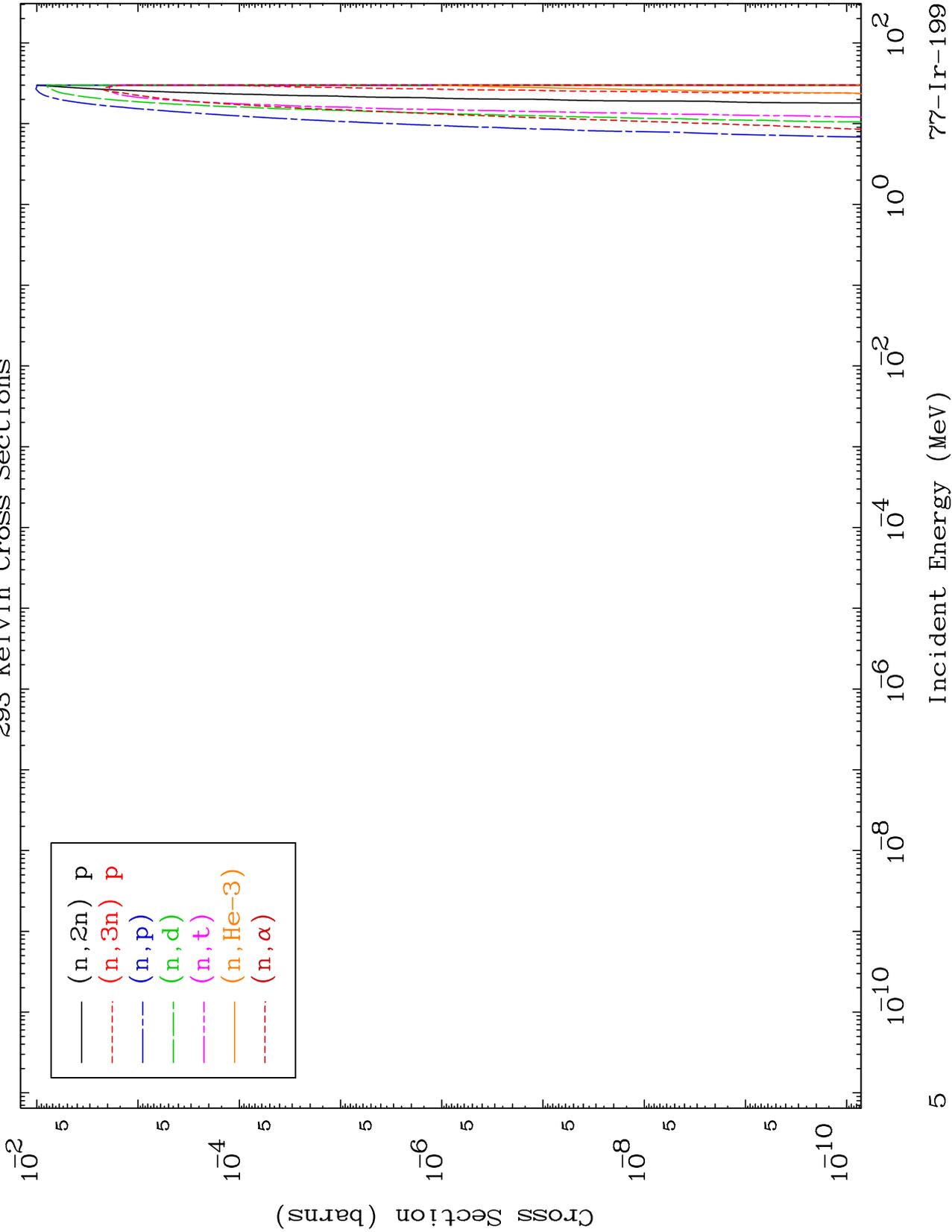




MAT 7749

Charged Particle
293 Kelvin Cross Sections

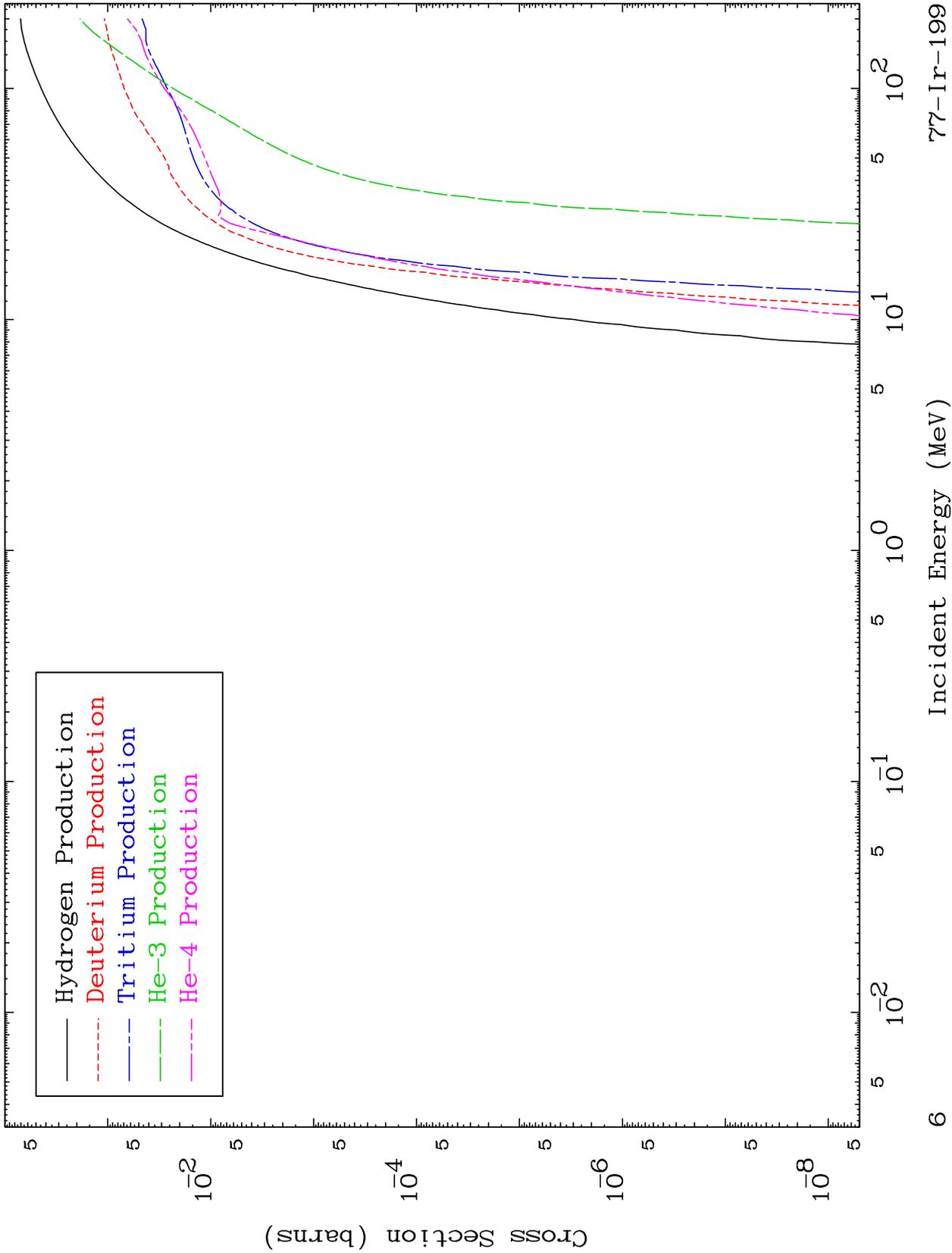
77-Ir-199



MAT 7749

Particle Production
293 Kelvin Cross Sections

77-Ir-199

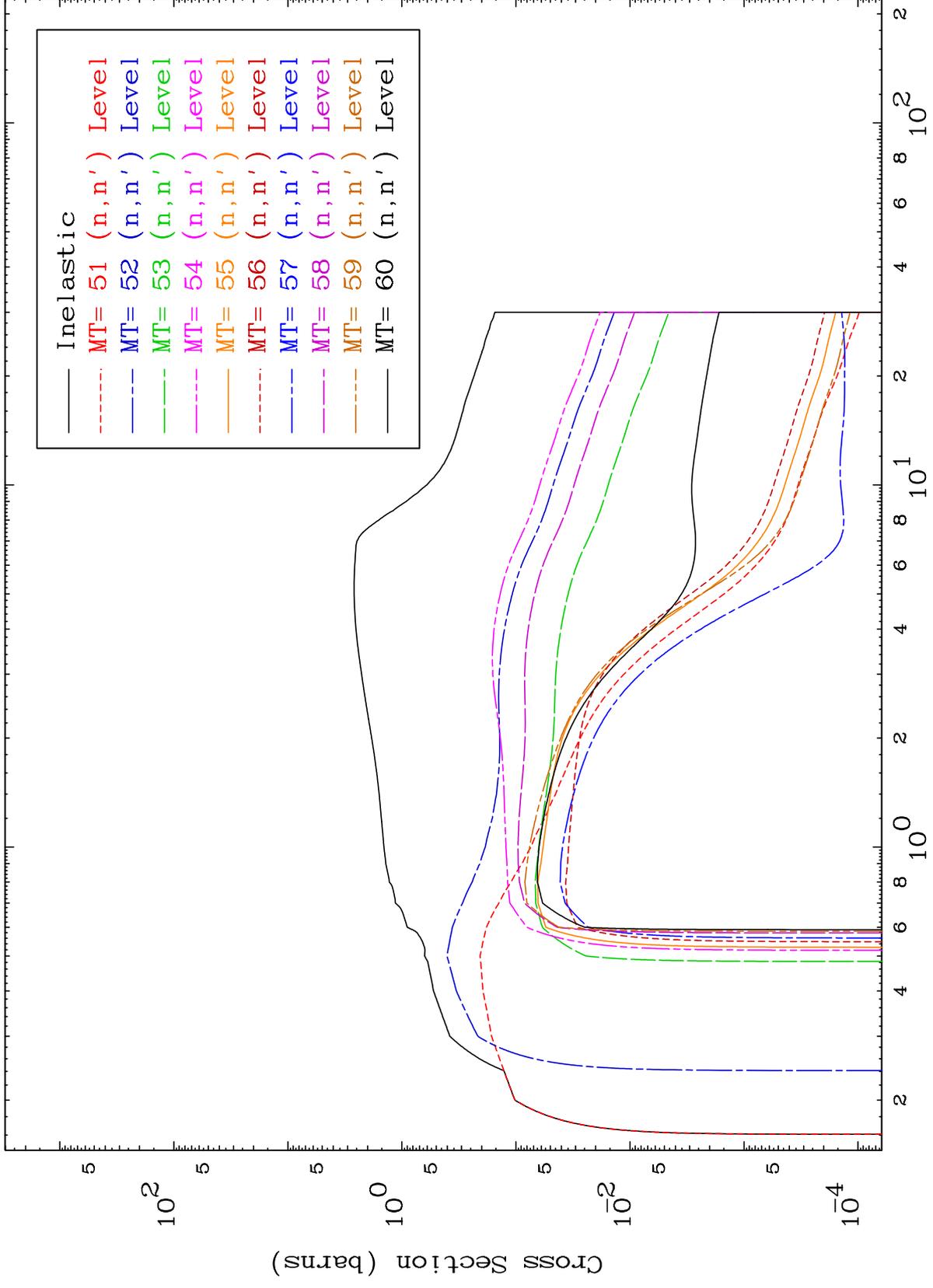


77-Ir-199

Incident Energy (MeV)

6

293 Kelvin Cross Sections

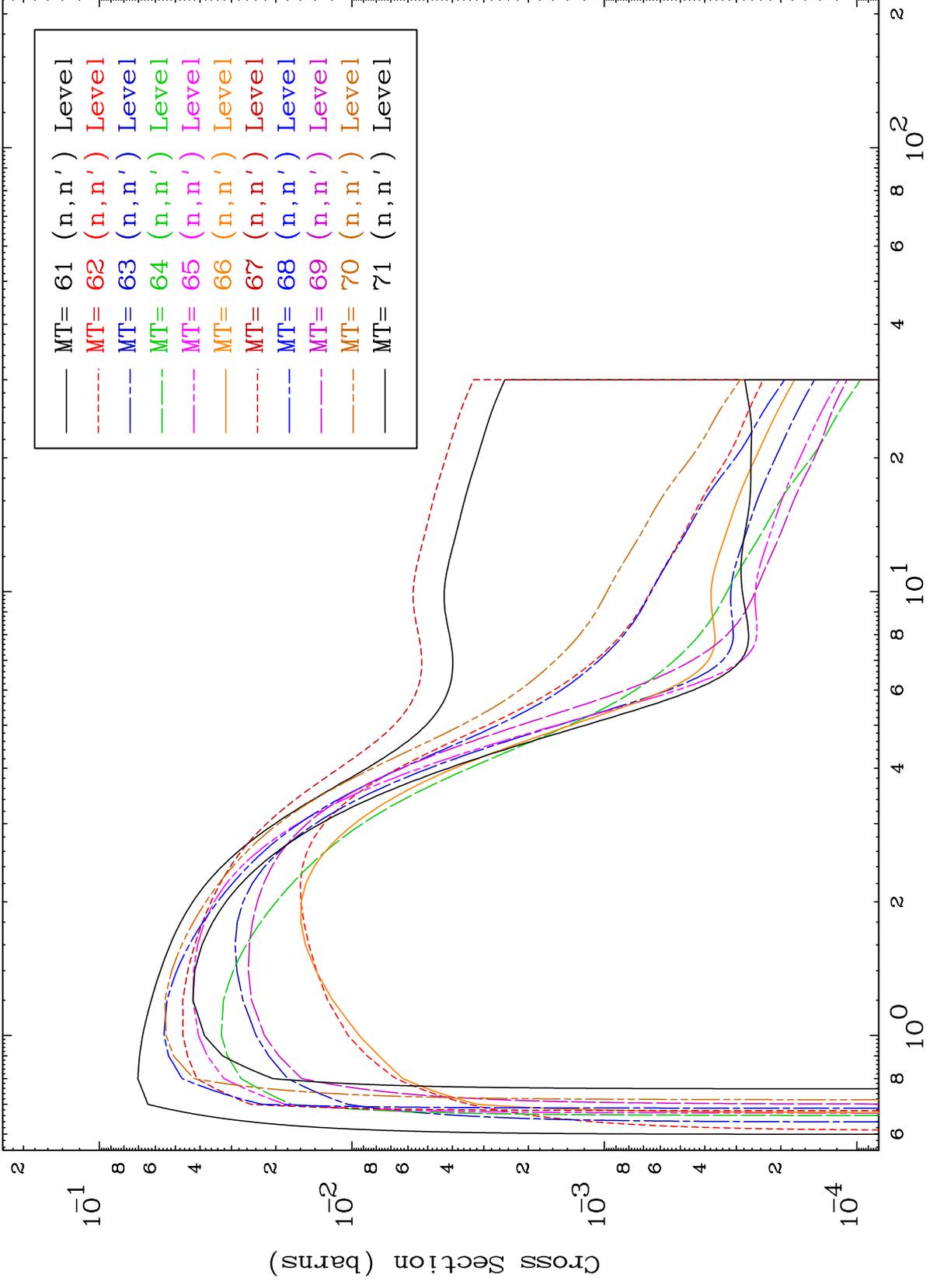


MAT 7749

(n,n') Level

77-Ir-199

293 Kelvin Cross Sections



Incident Energy (MeV)

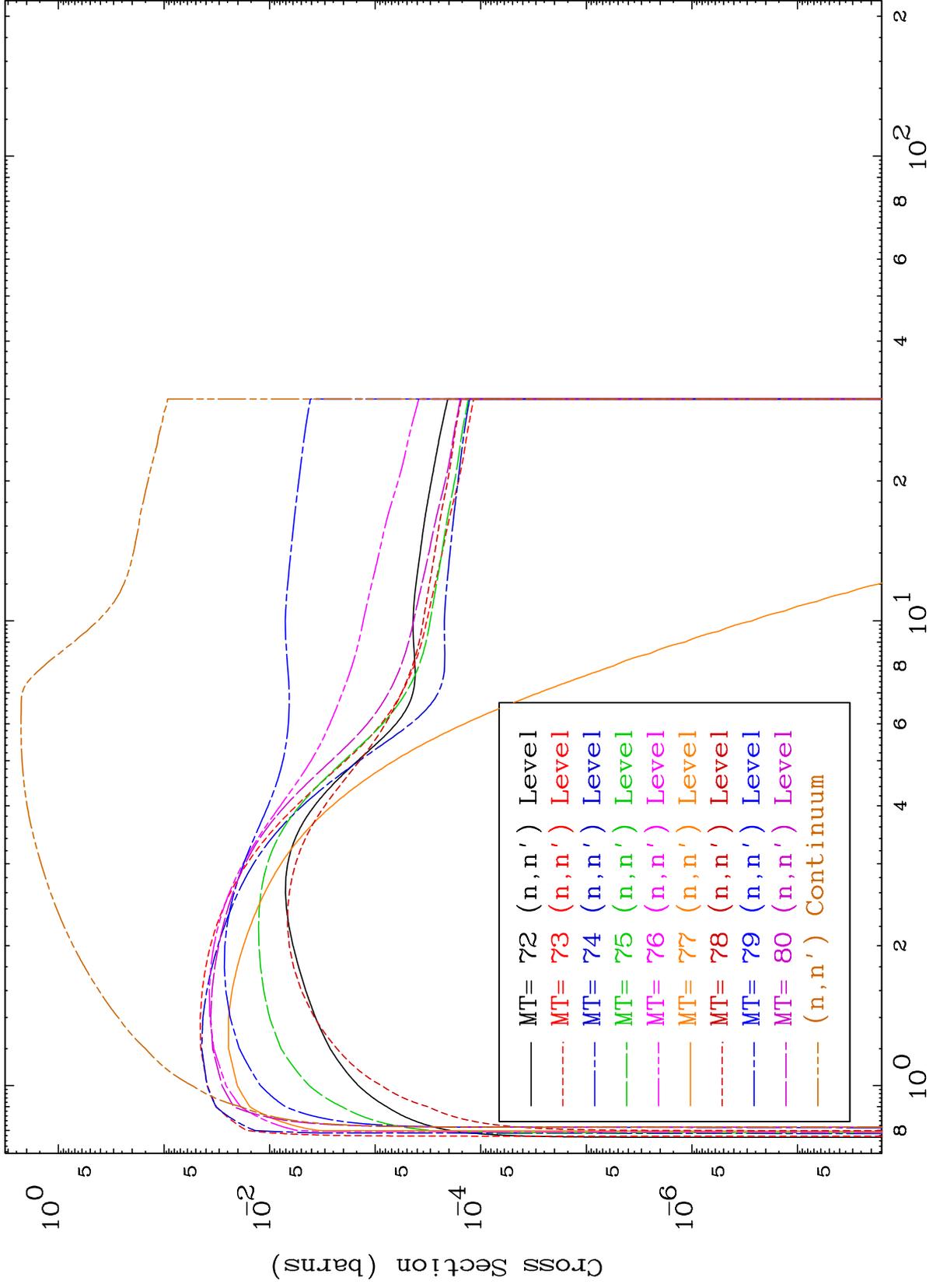
77-Ir-199

8

MAT 7749

293 Kelvin Cross Sections
(n,n') Level

77-Ir-199



9

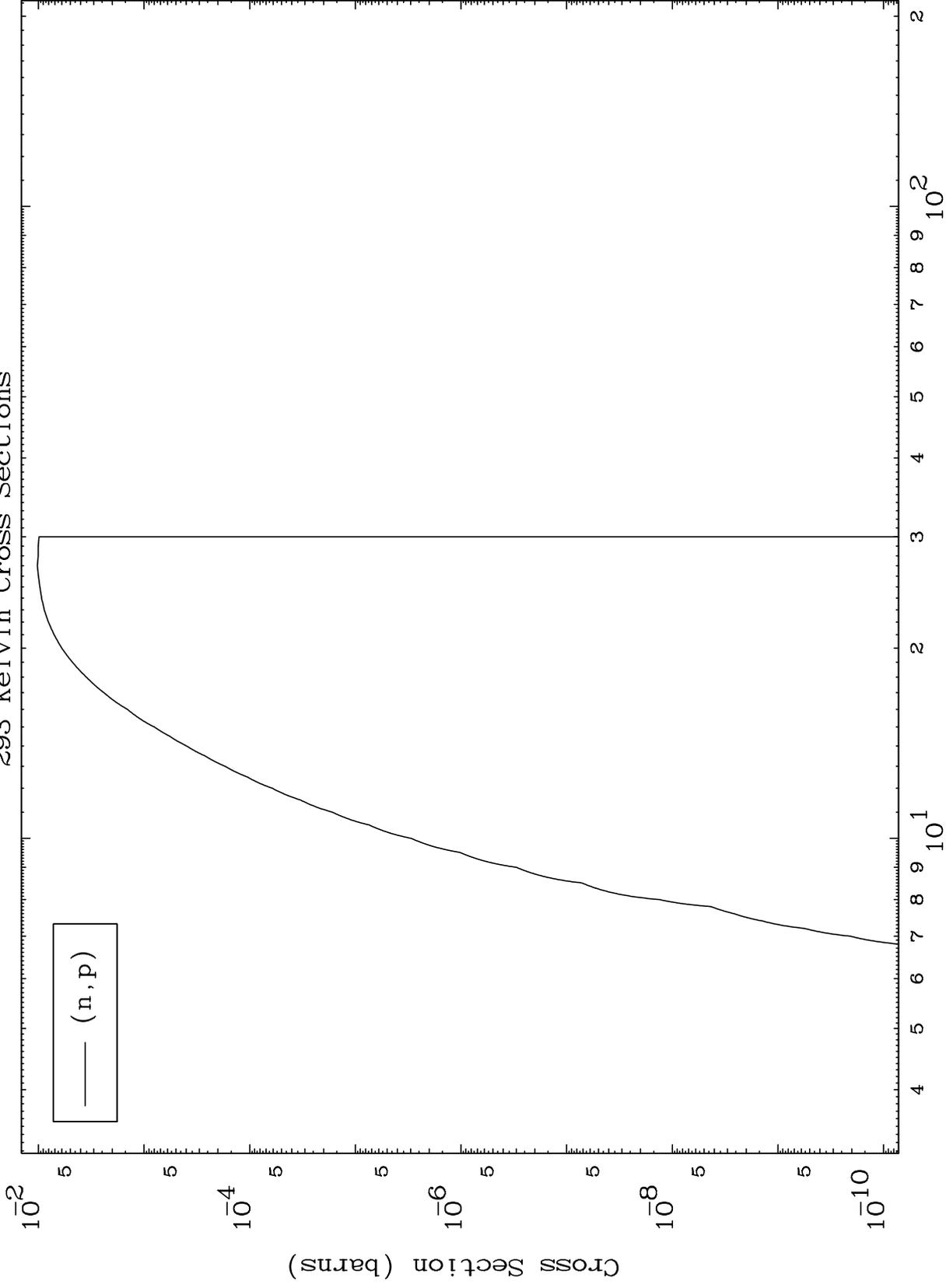
Incident Energy (MeV)

77-Ir-199

MAT 7749

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-199



10

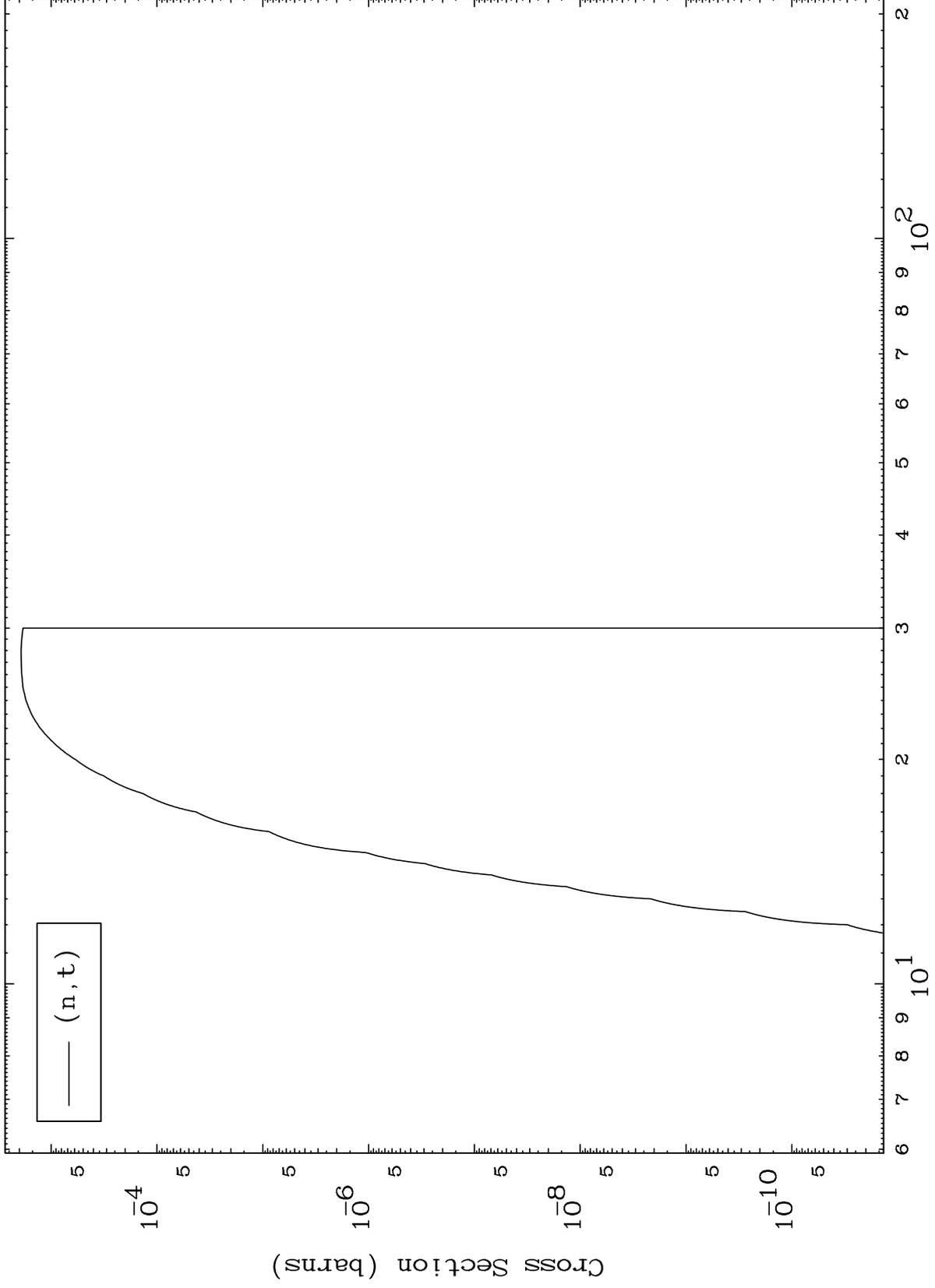
Incident Energy (MeV)

77-Ir-199

MAT 7749

(n,t) Levels
293 Kelvin Cross Sections

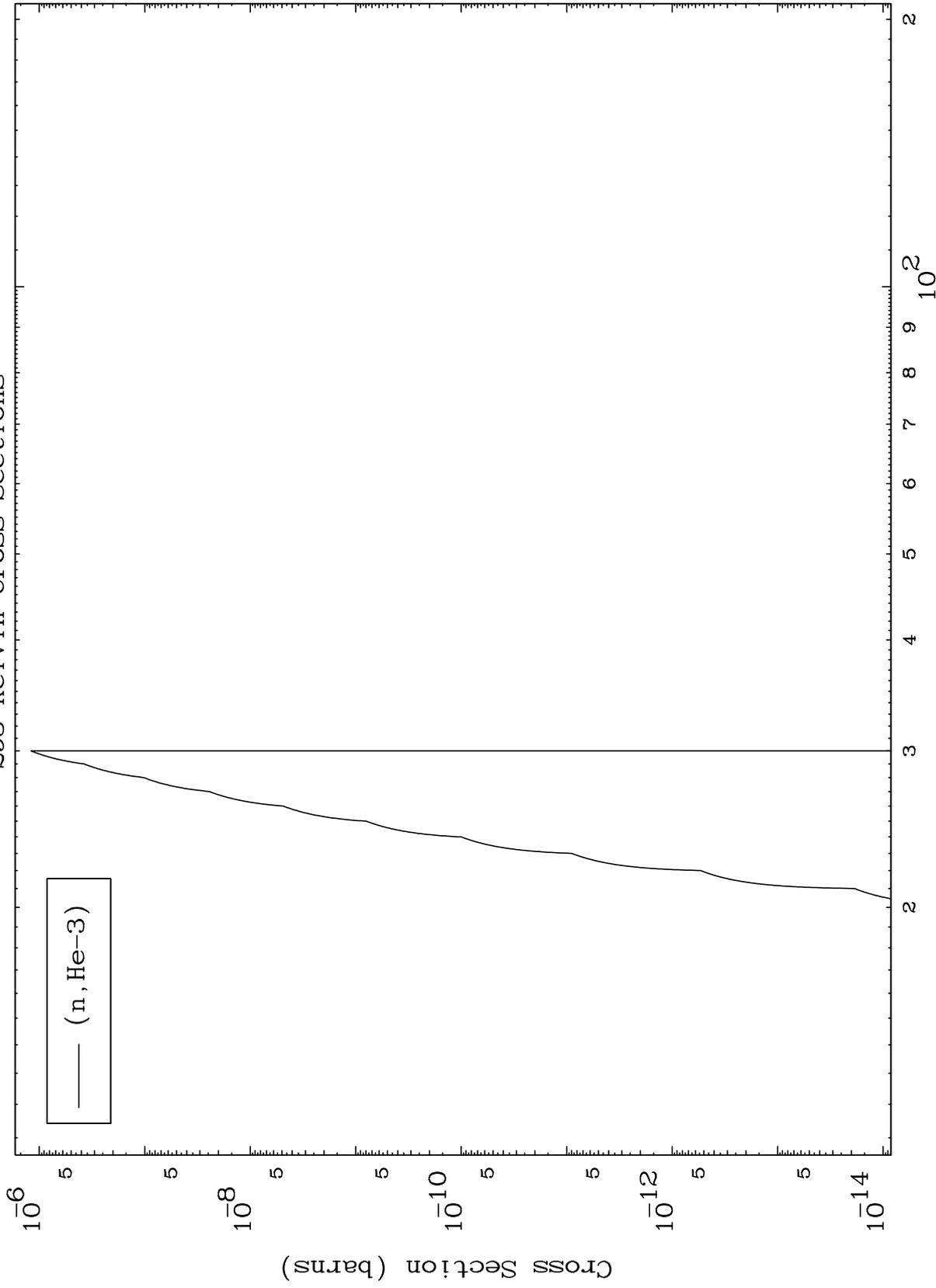
77-Ir-199



12

Incident Energy (MeV)

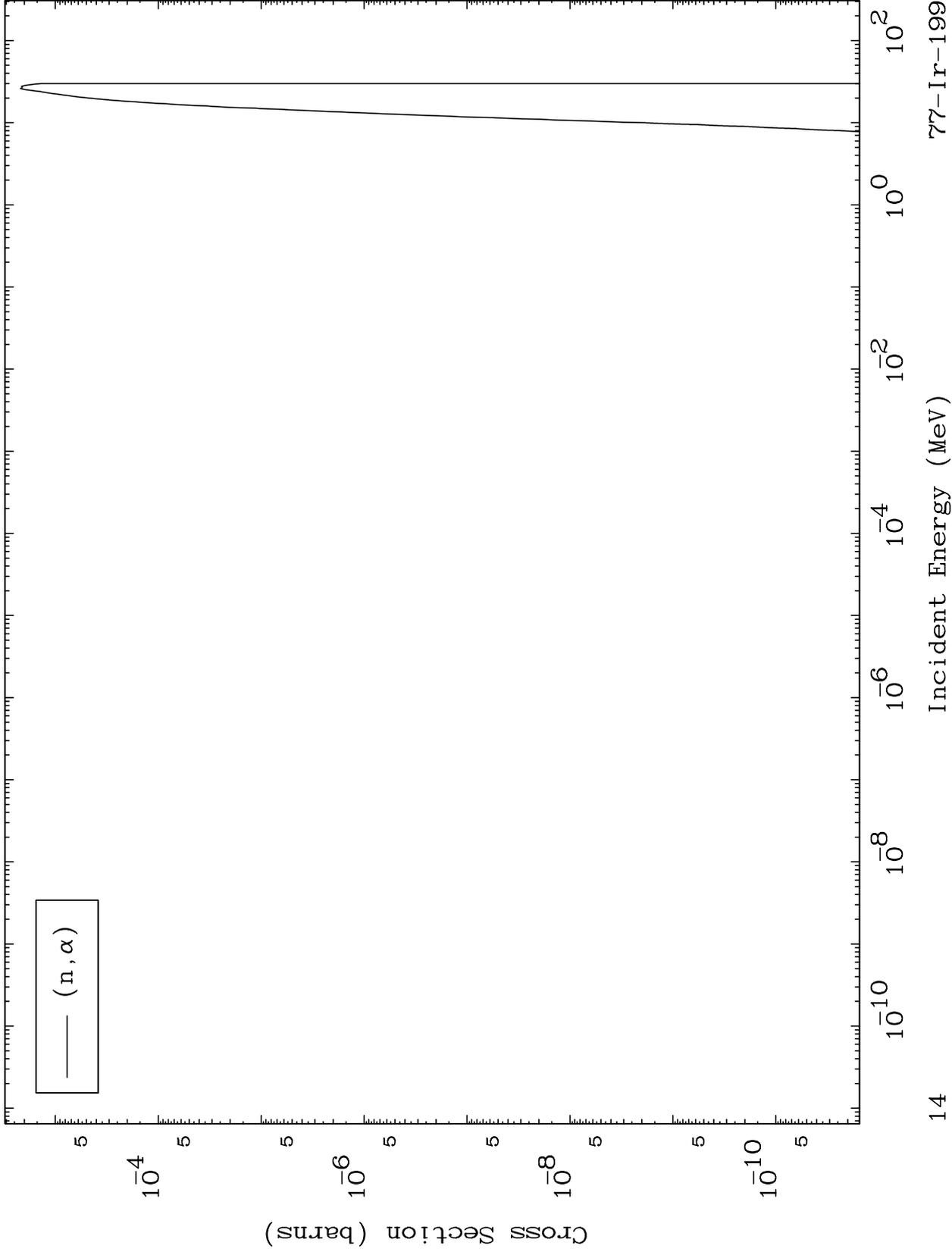
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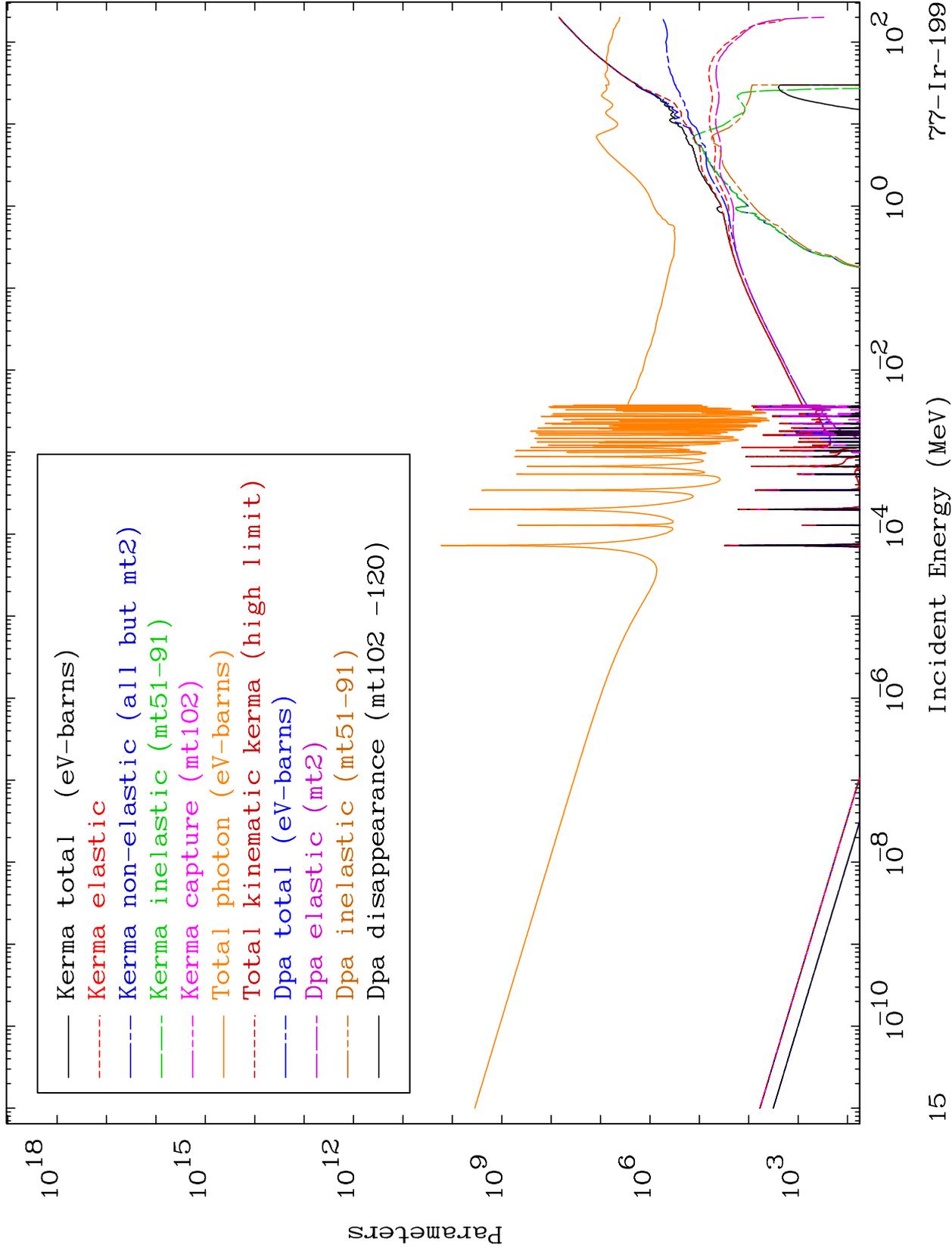


MAT 7749

(n, α) Levels
293 Kelvin Cross Sections

77-Ir-199

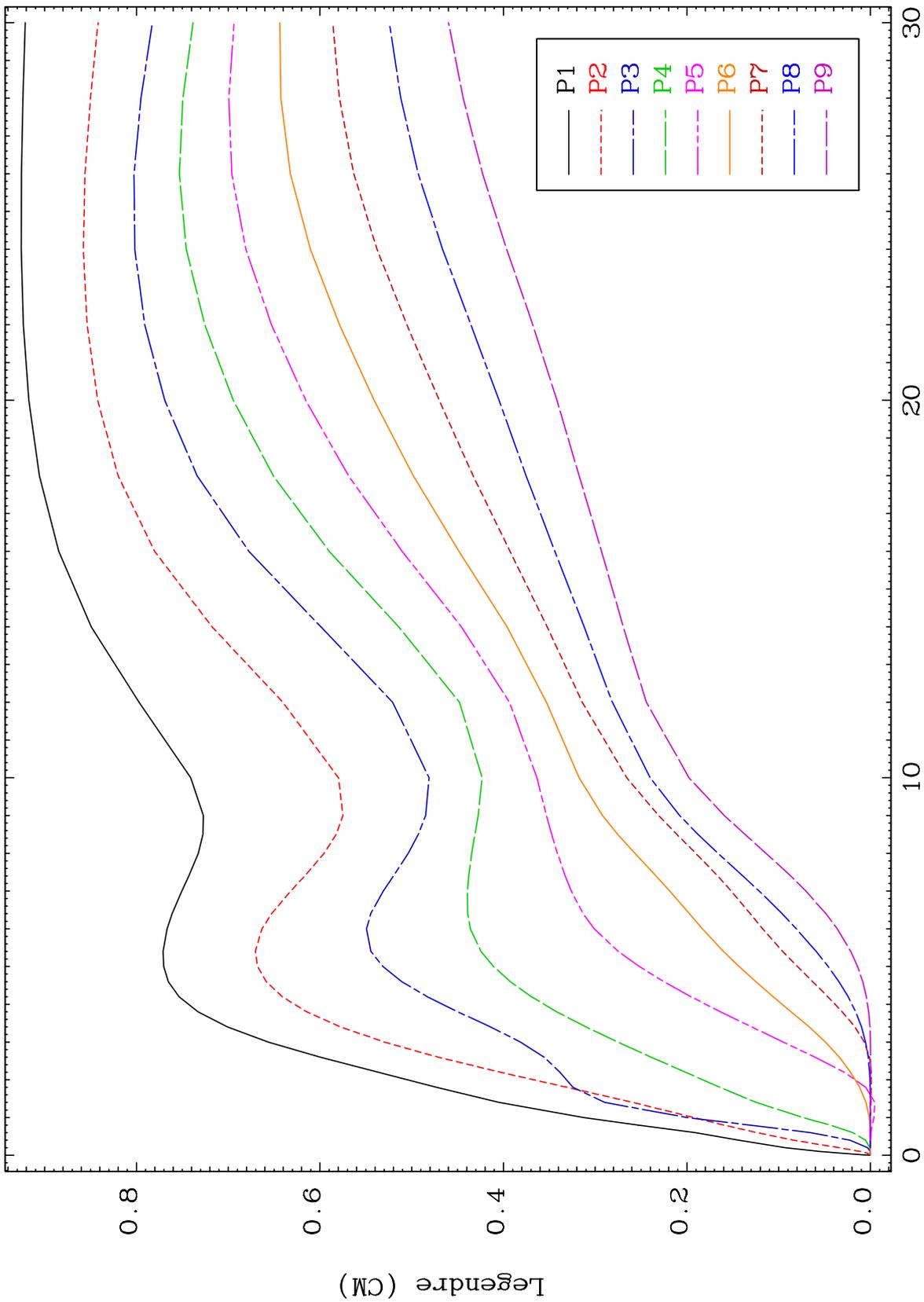




MAT 7749

77-Ir-199

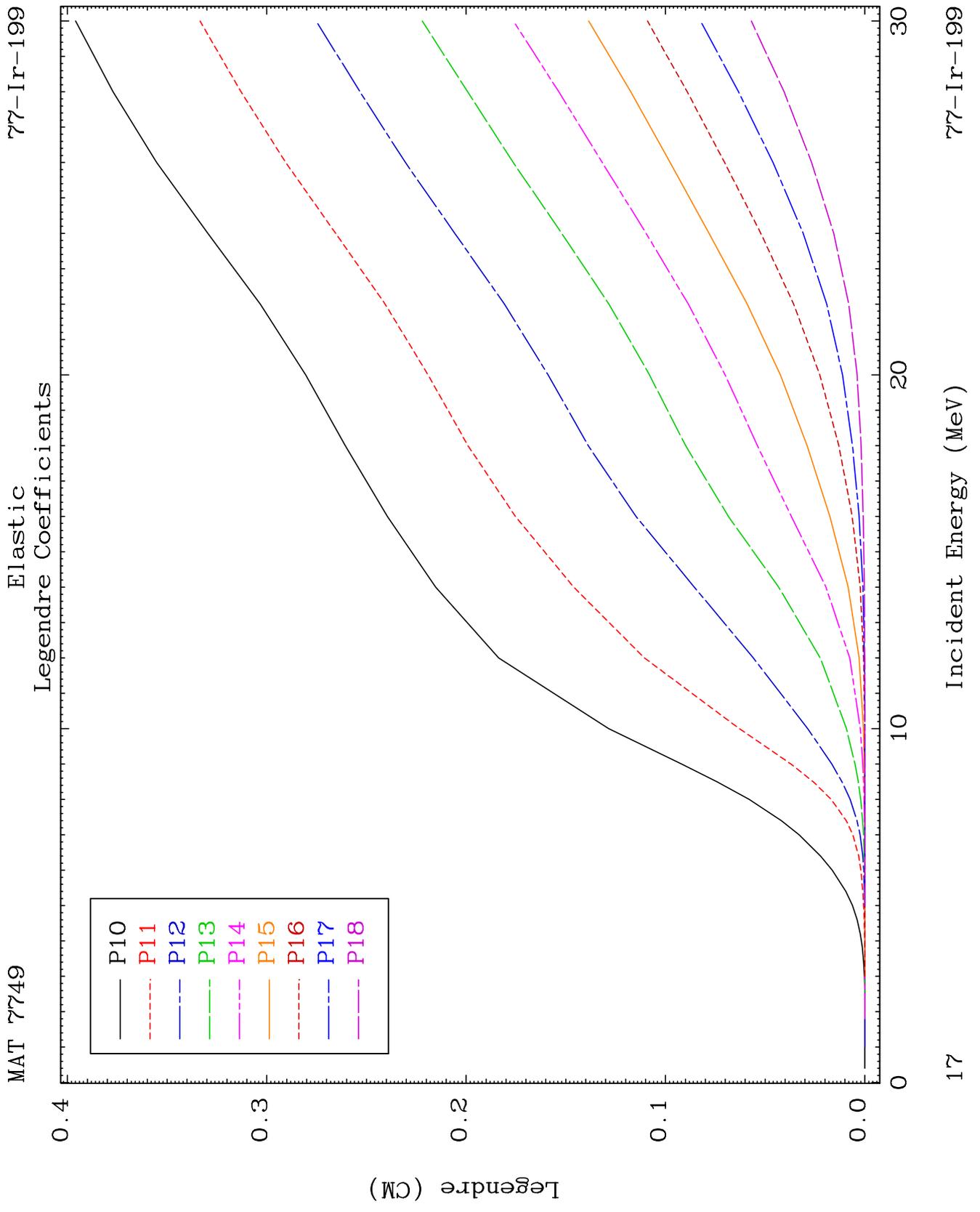
Elastic Legendre Coefficients



16

Incident Energy (MeV)

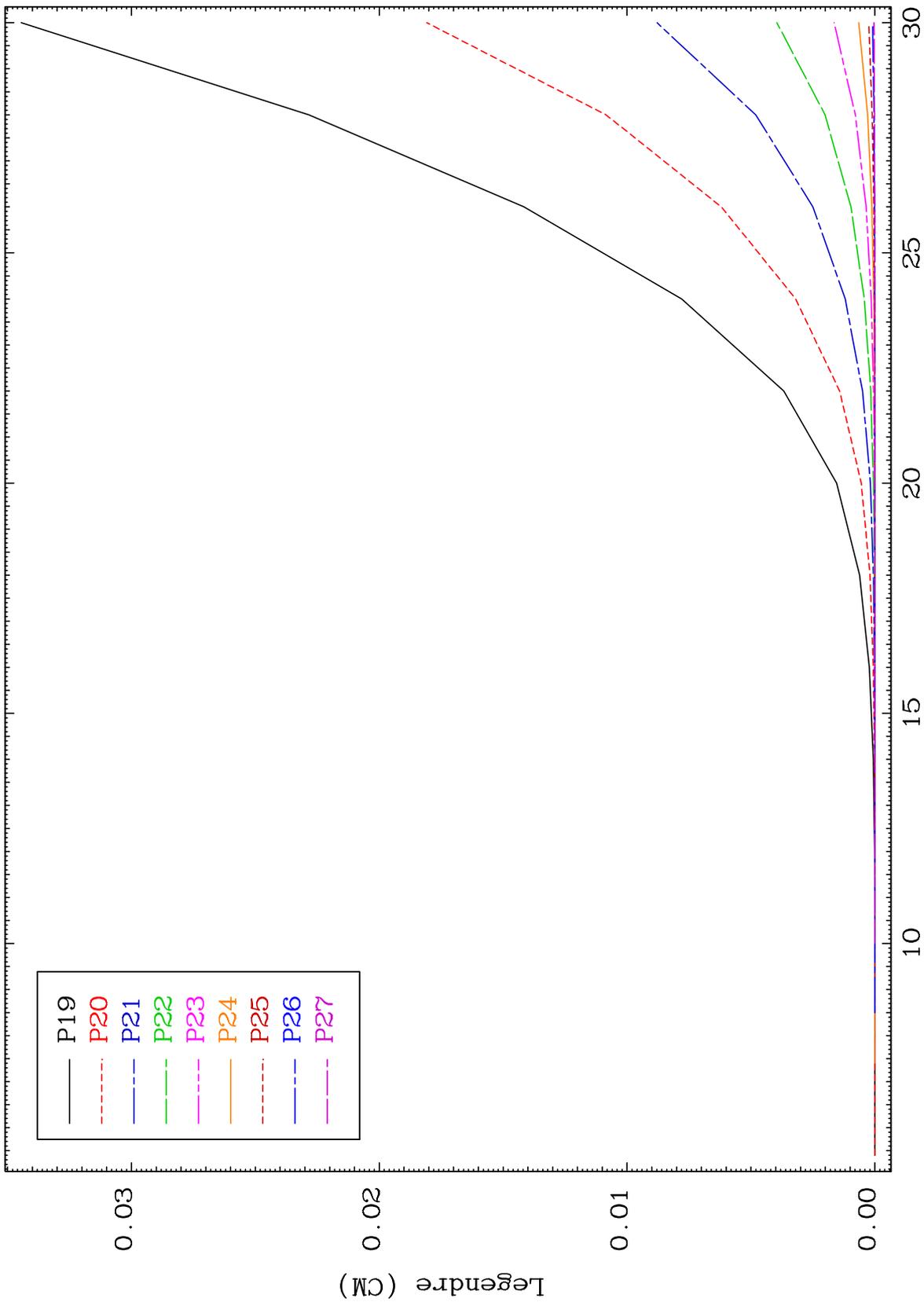
77-Ir-199



MAT 7749

Elastic Legendre Coefficients

77-Ir-199



18

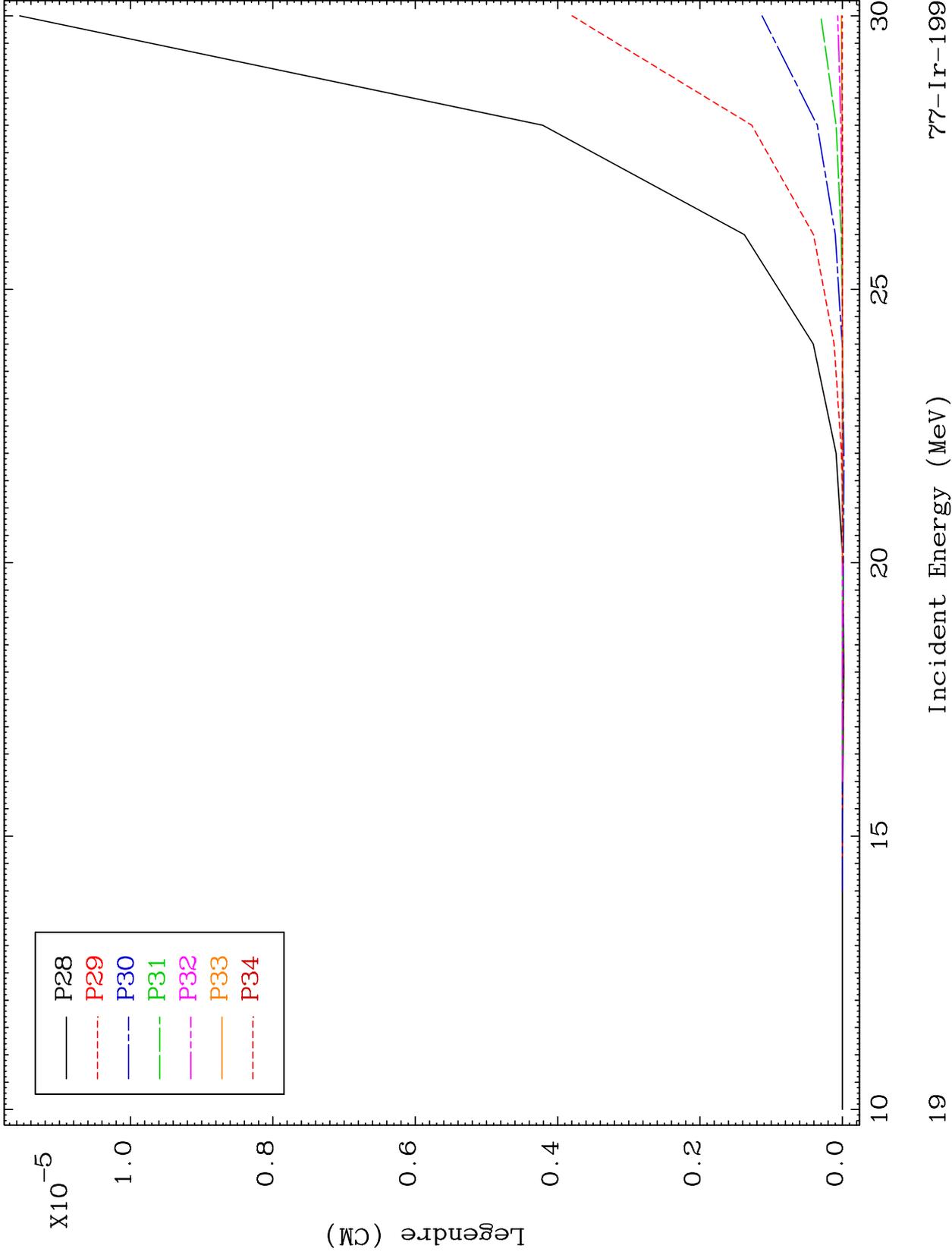
Incident Energy (MeV)

77-Ir-199

MAT 7749

Elastic Legendre Coefficients

77-Ir-199



19

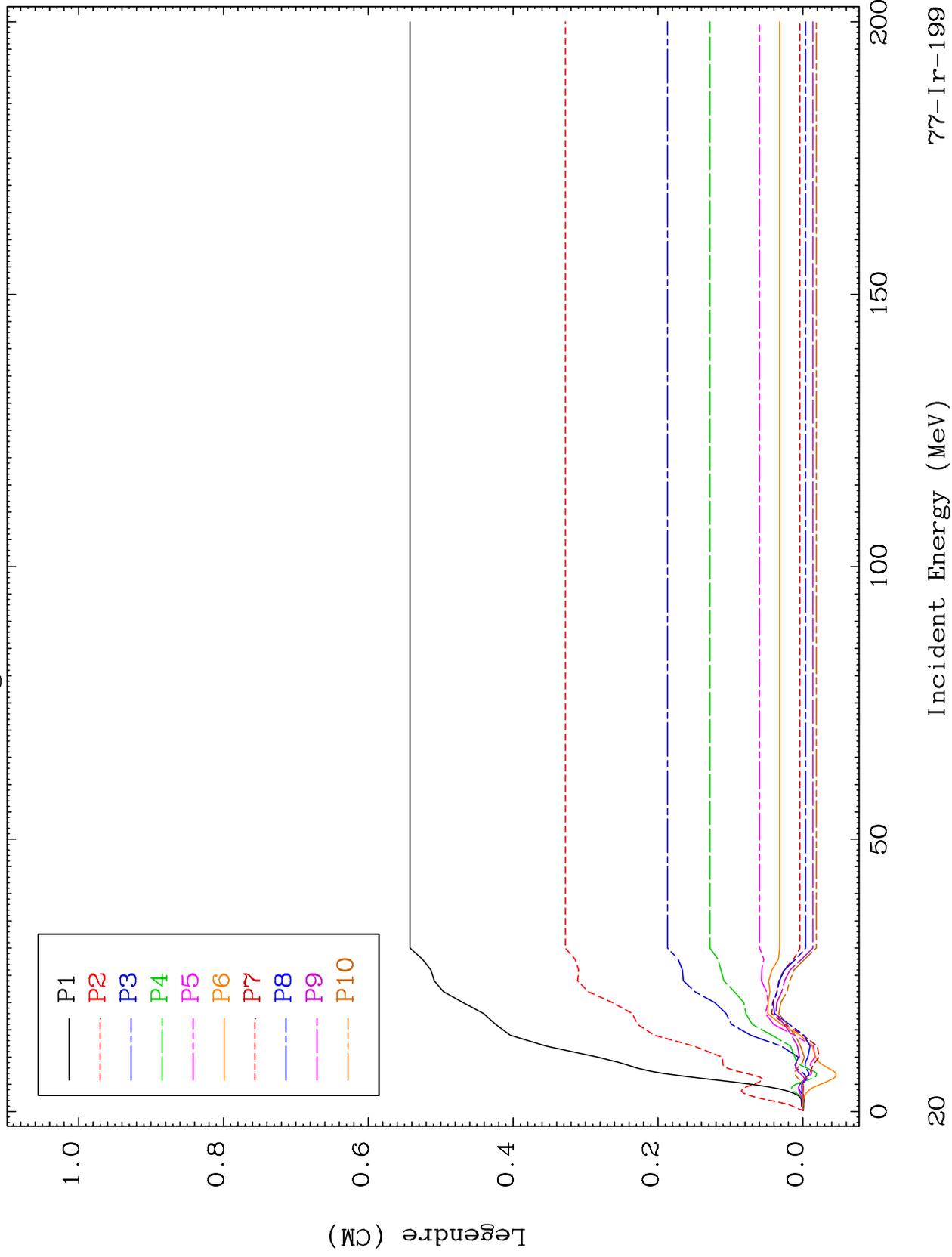
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

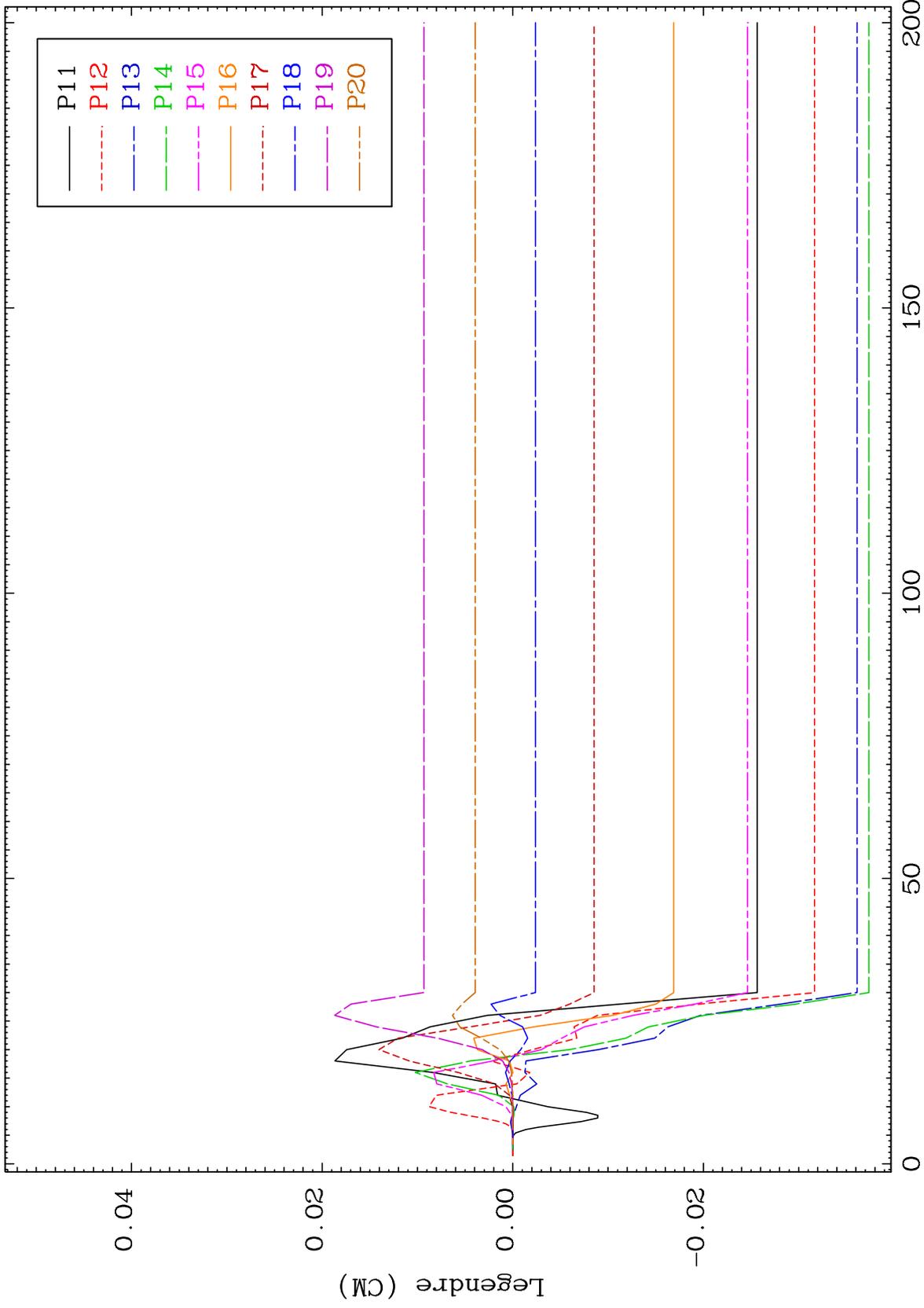
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MAT 7749

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

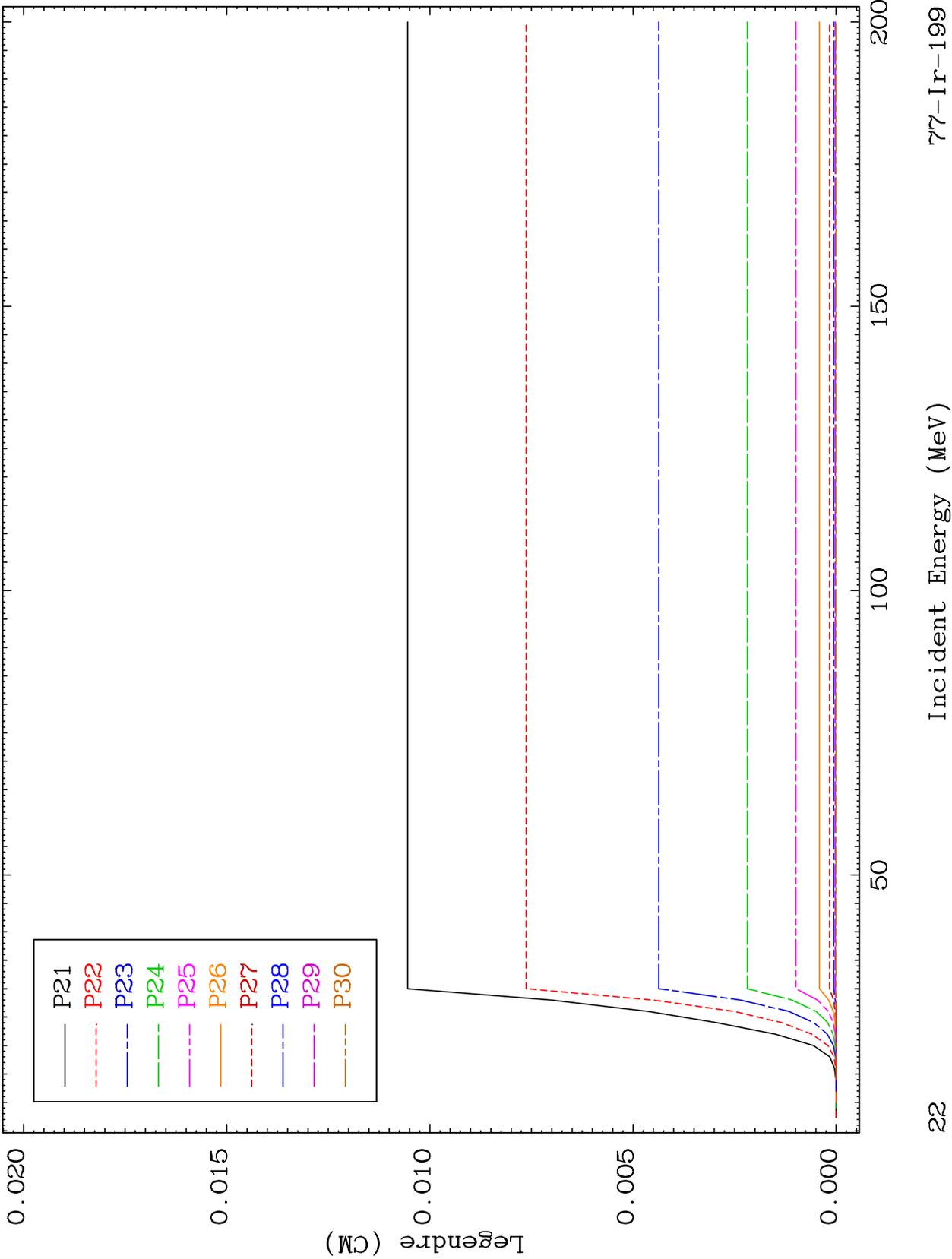
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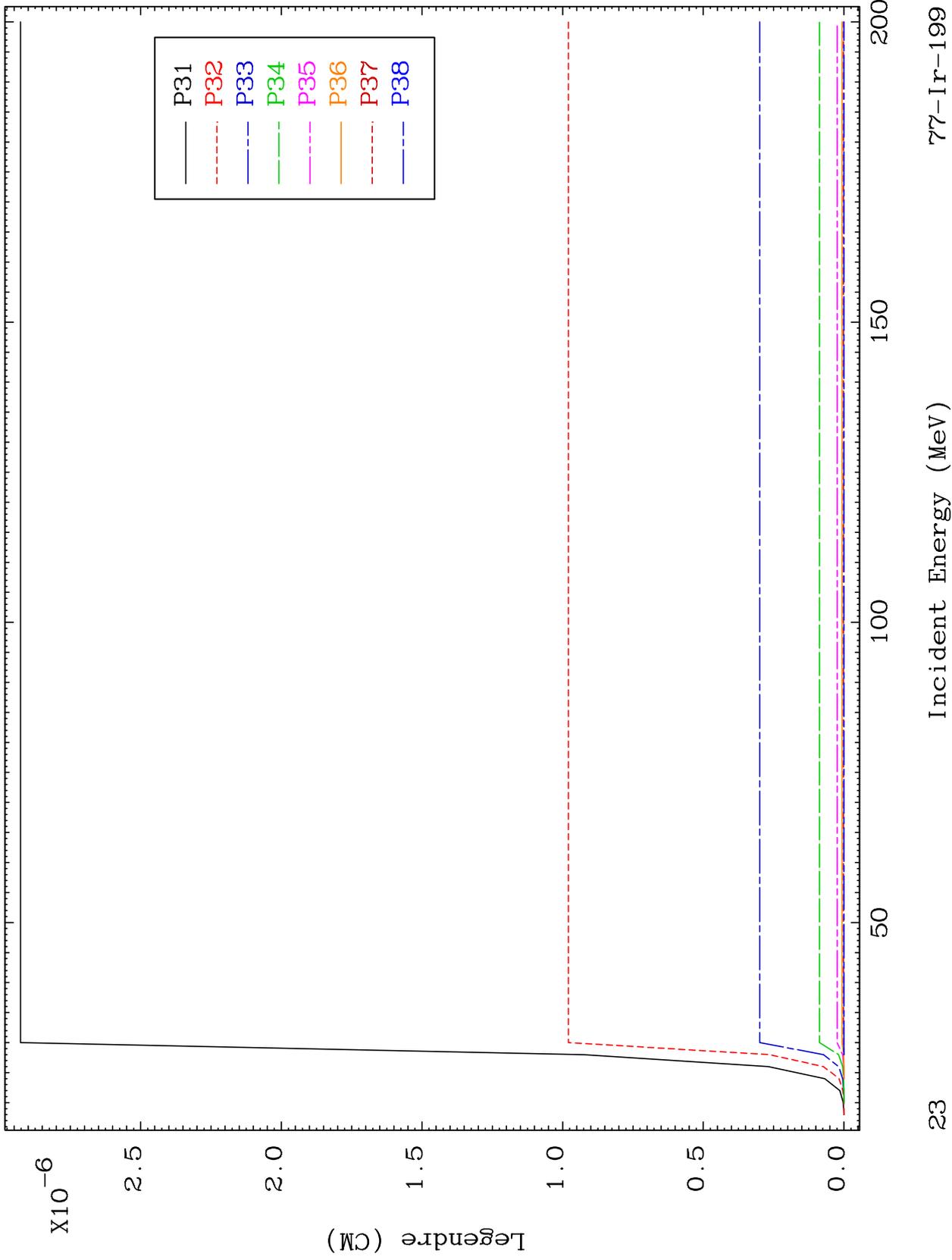


21

Incident Energy (MeV)

77-Ir-199

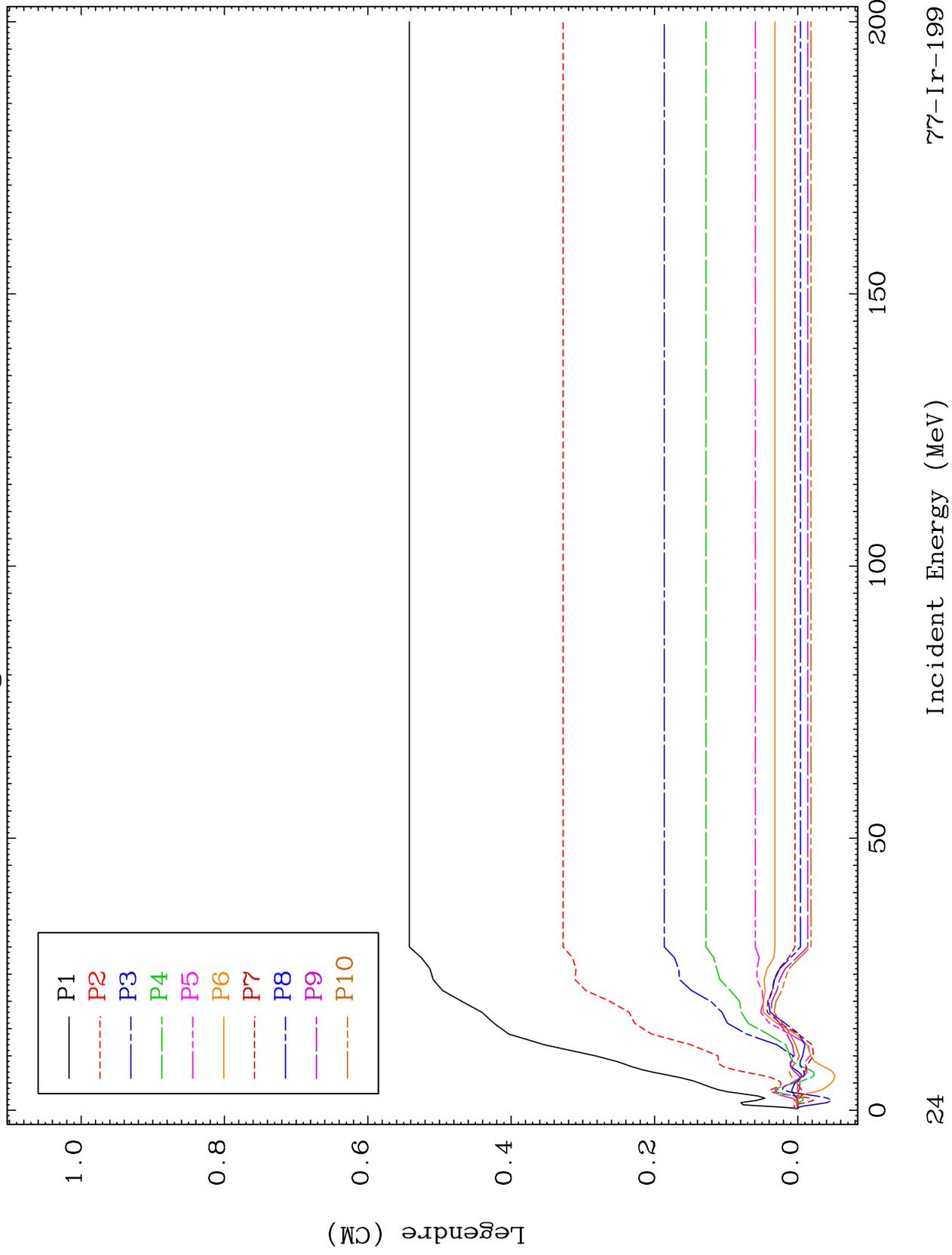




MAT 7749

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

77-Ir-199



24

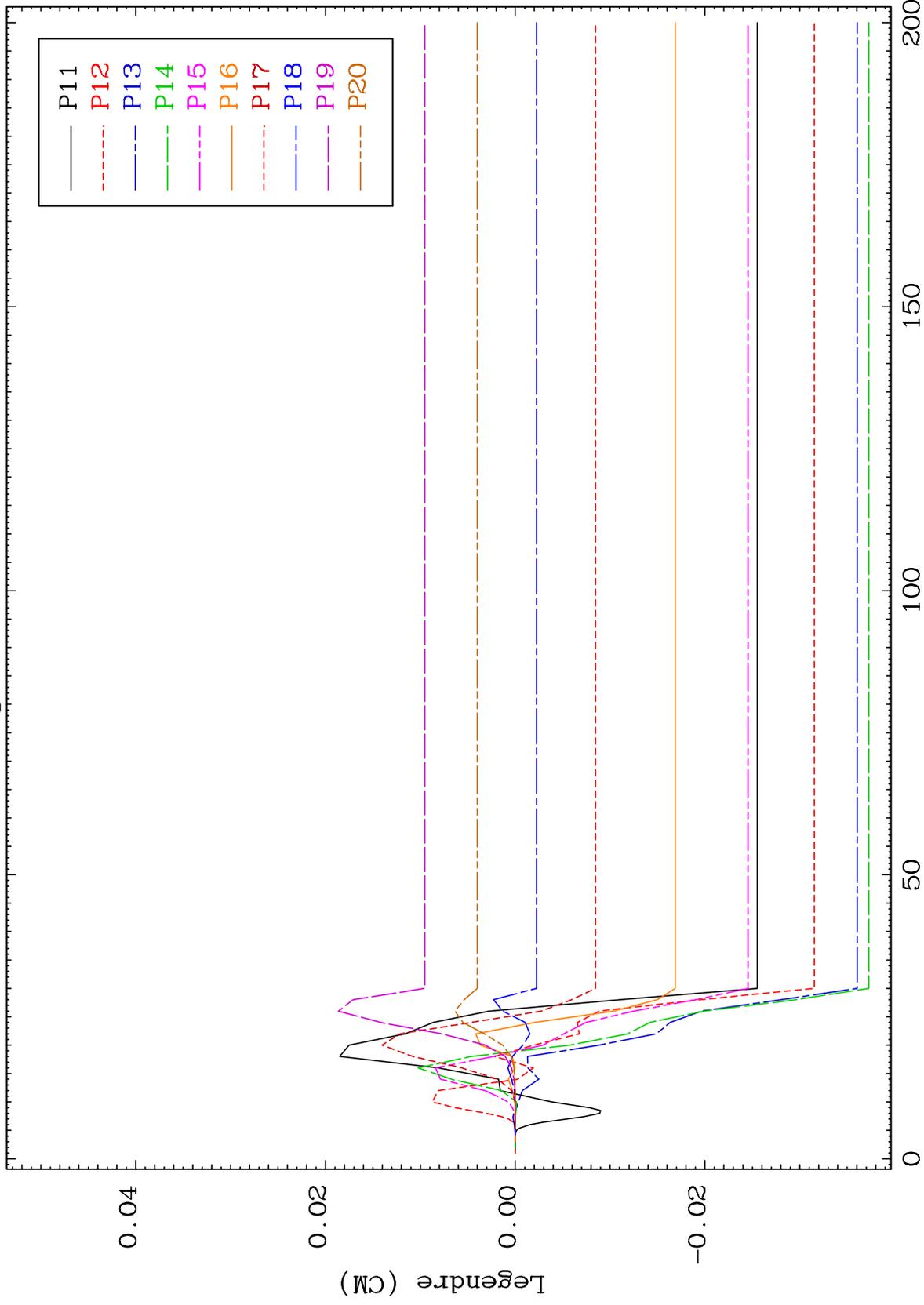
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

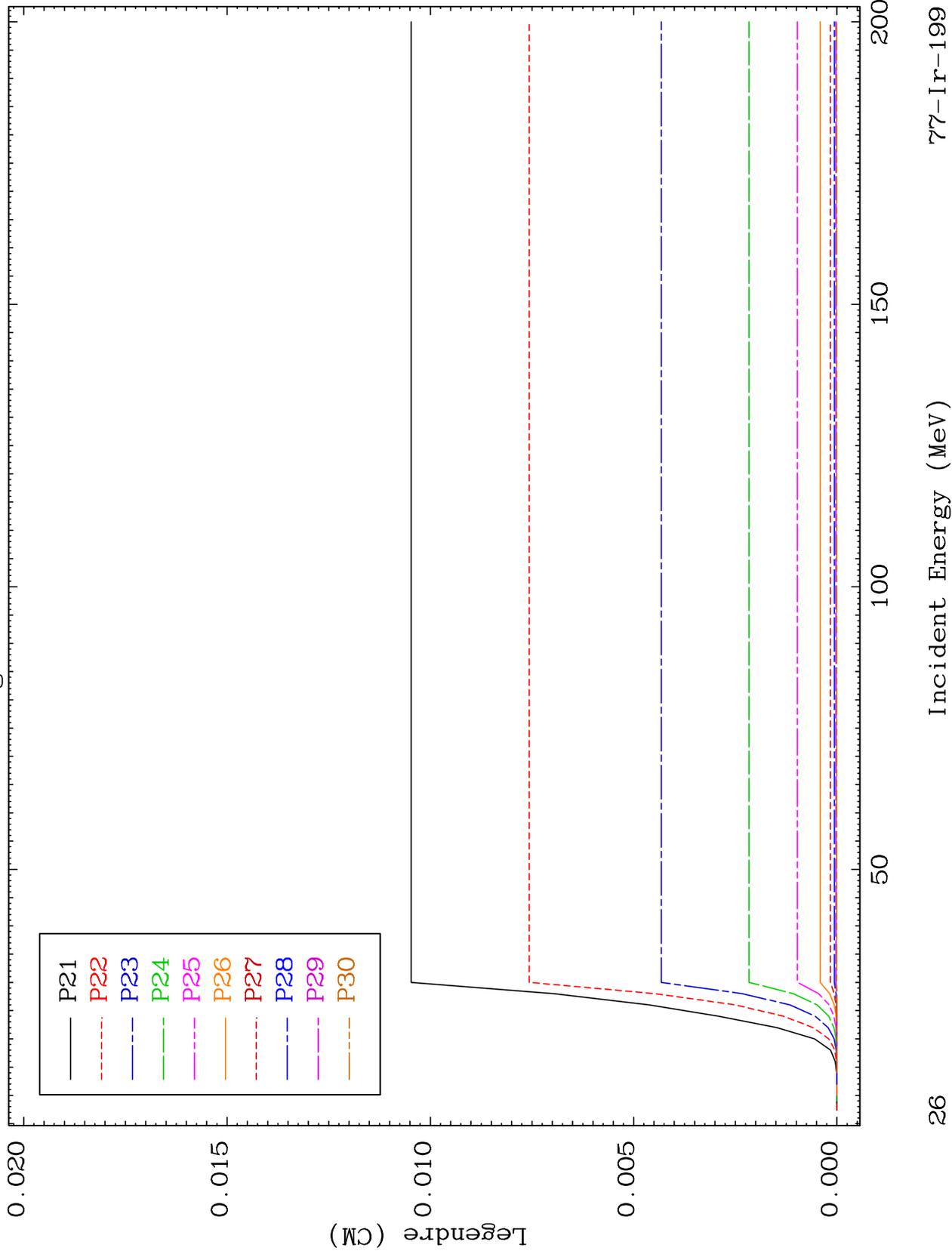
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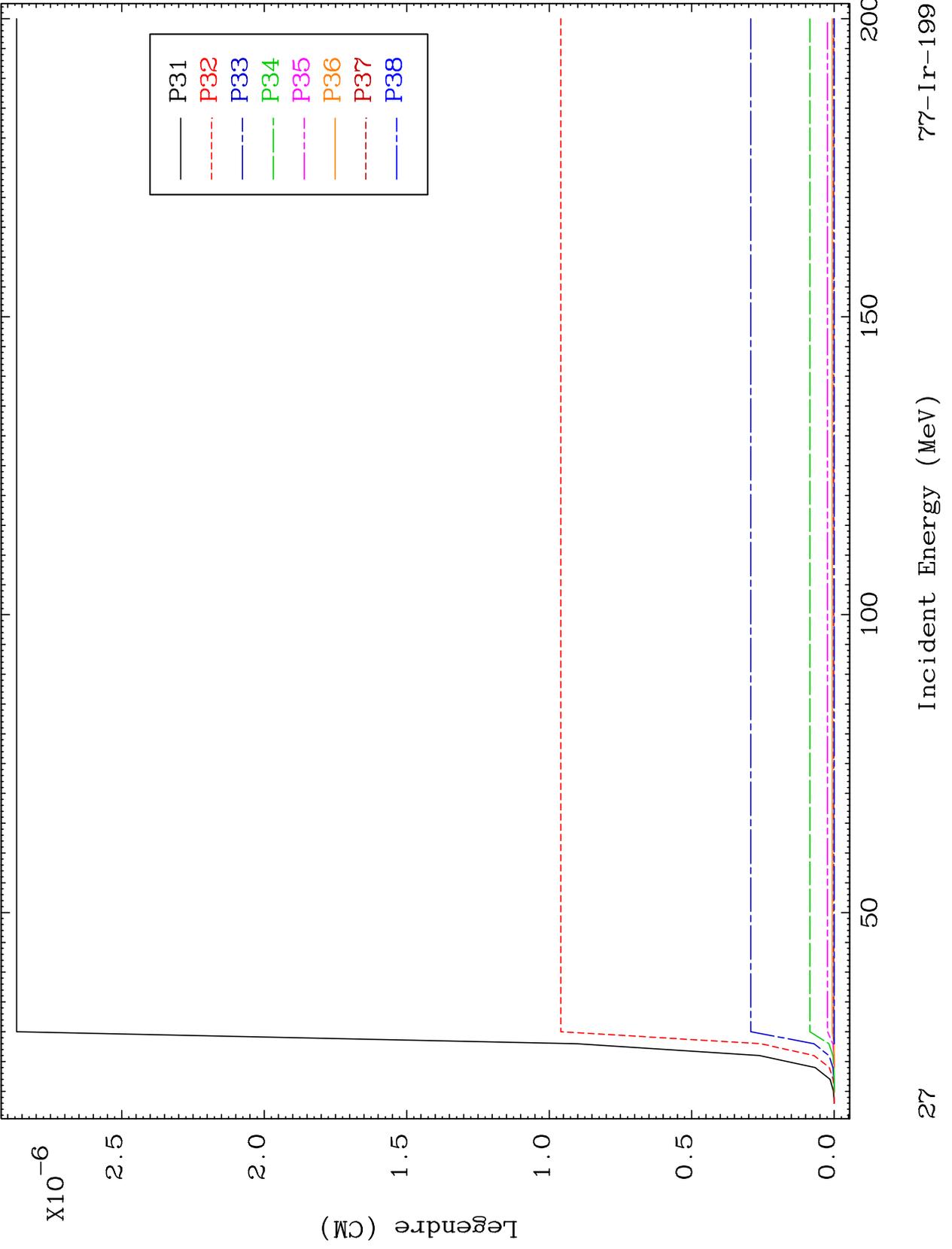


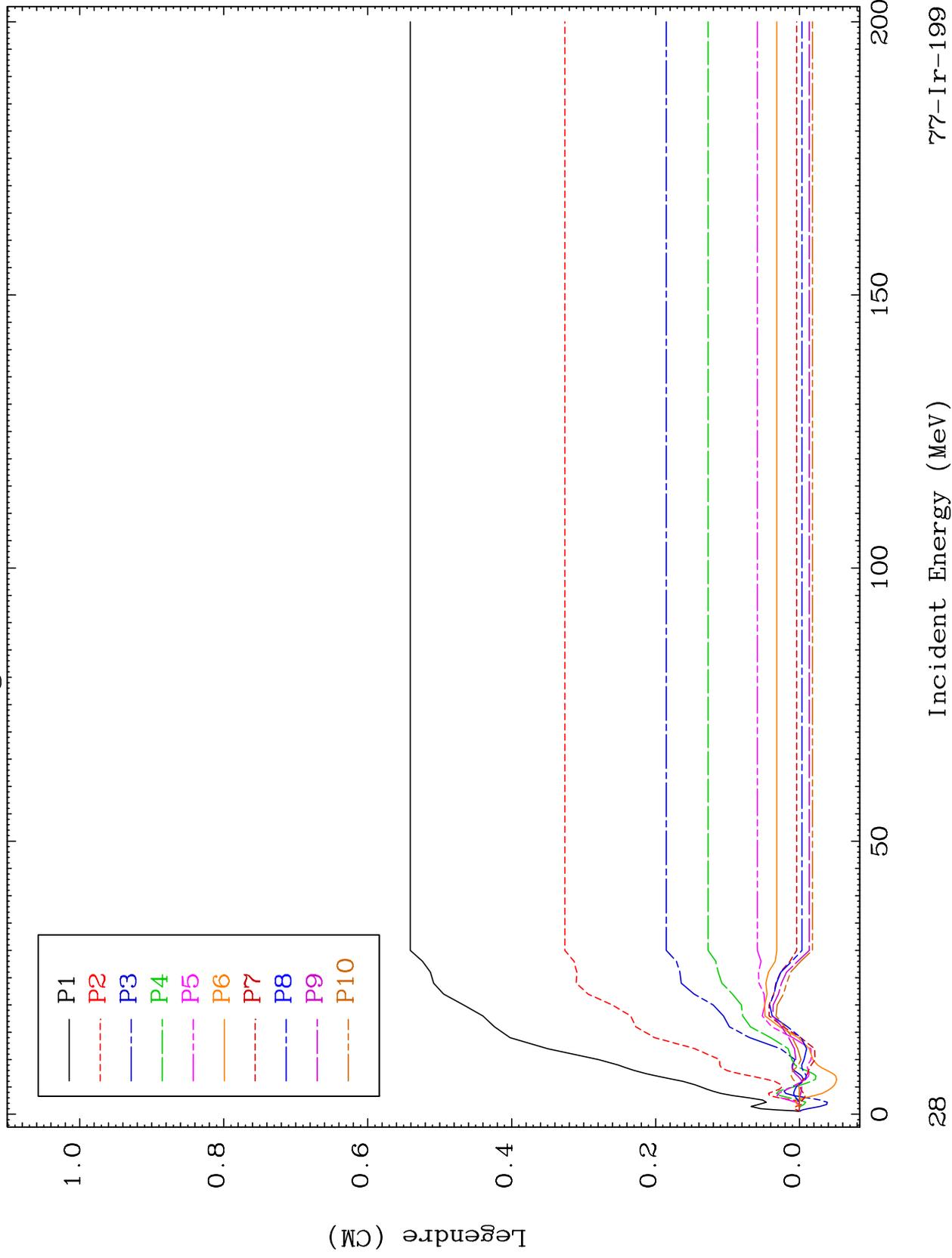
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Incident Energy (MeV)

77-Ir-199



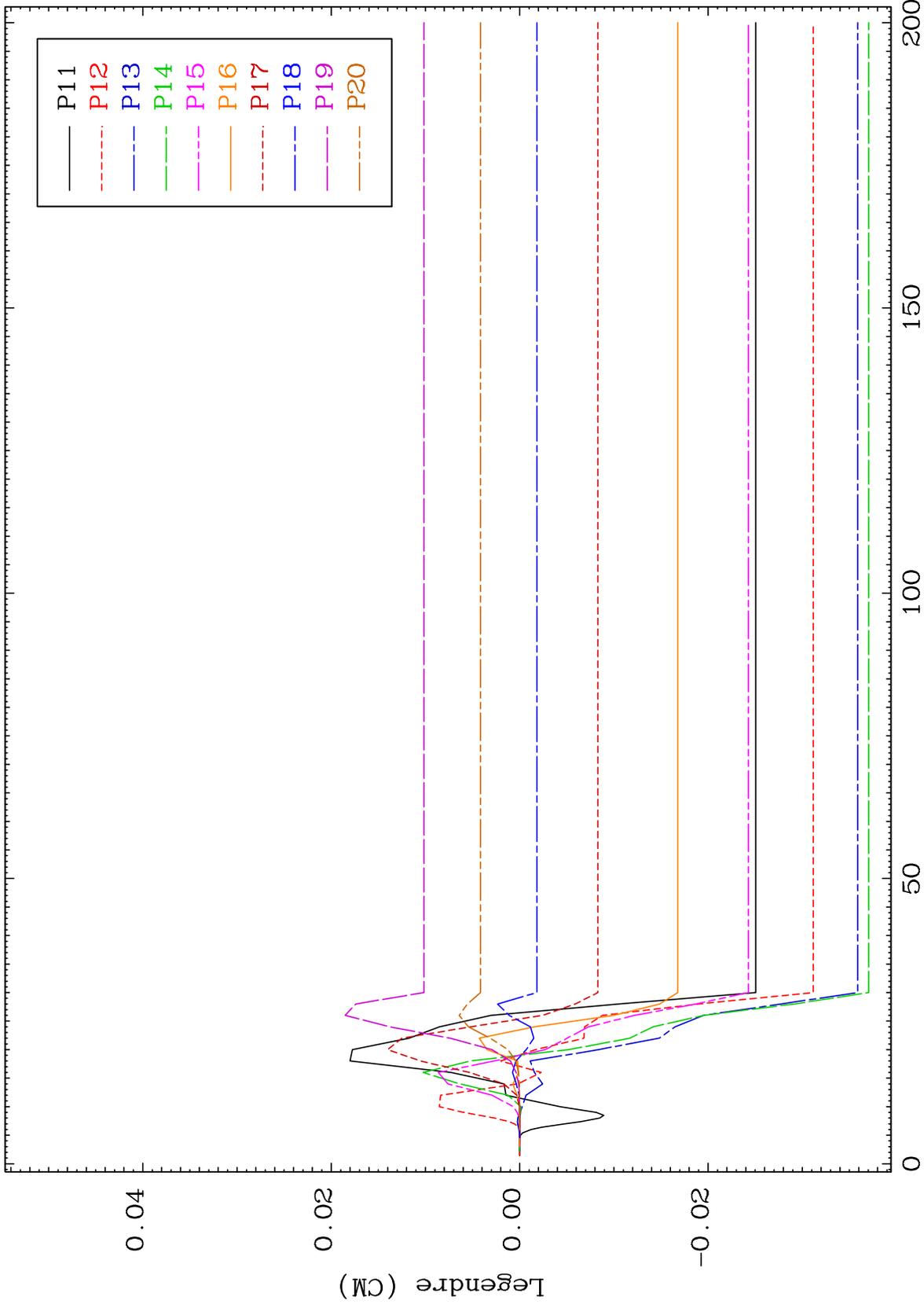




MAT 7749

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

77-Ir-199



29

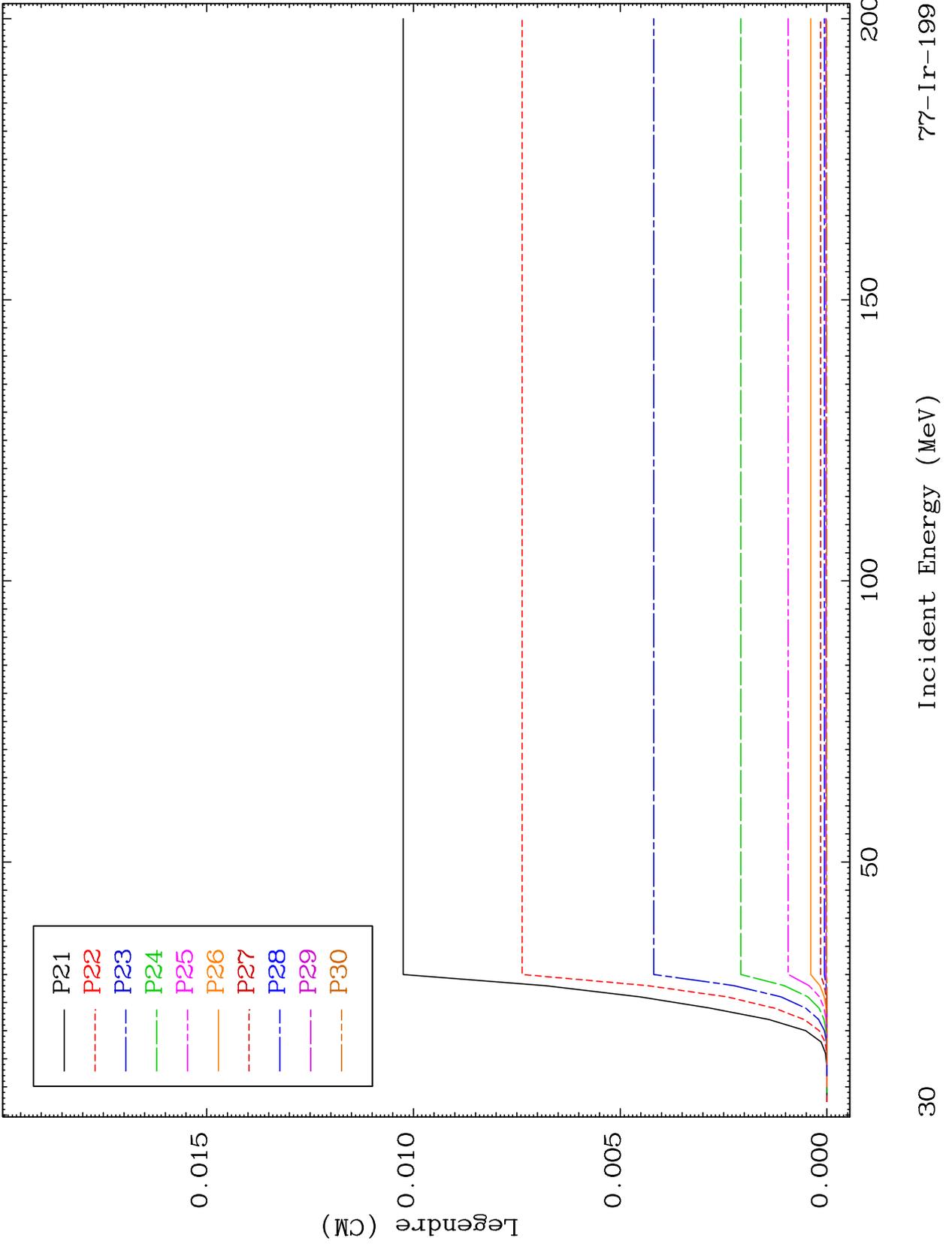
Incident Energy (MeV)

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MAT 7749

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

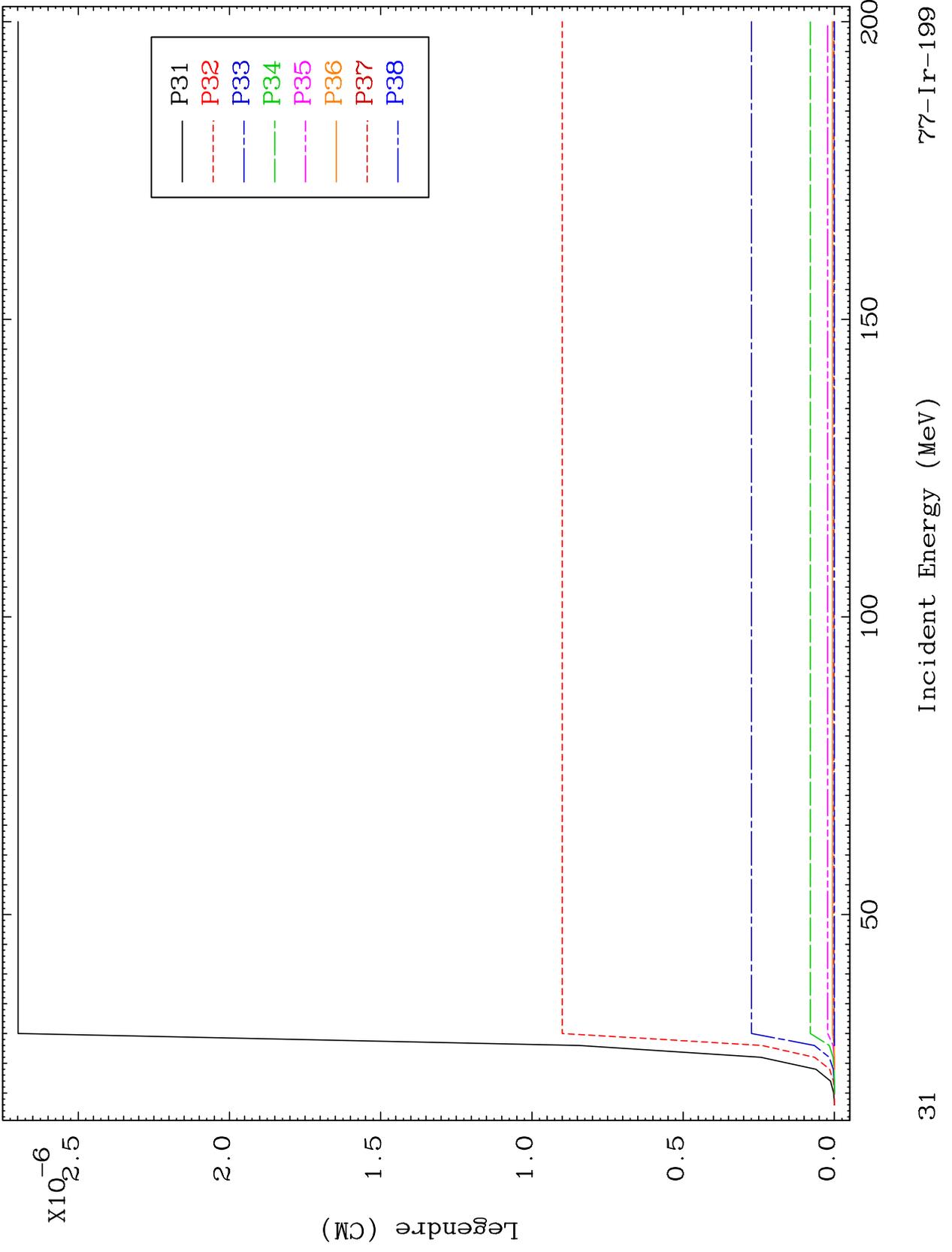
77-Ir-199



30

Incident Energy (MeV)

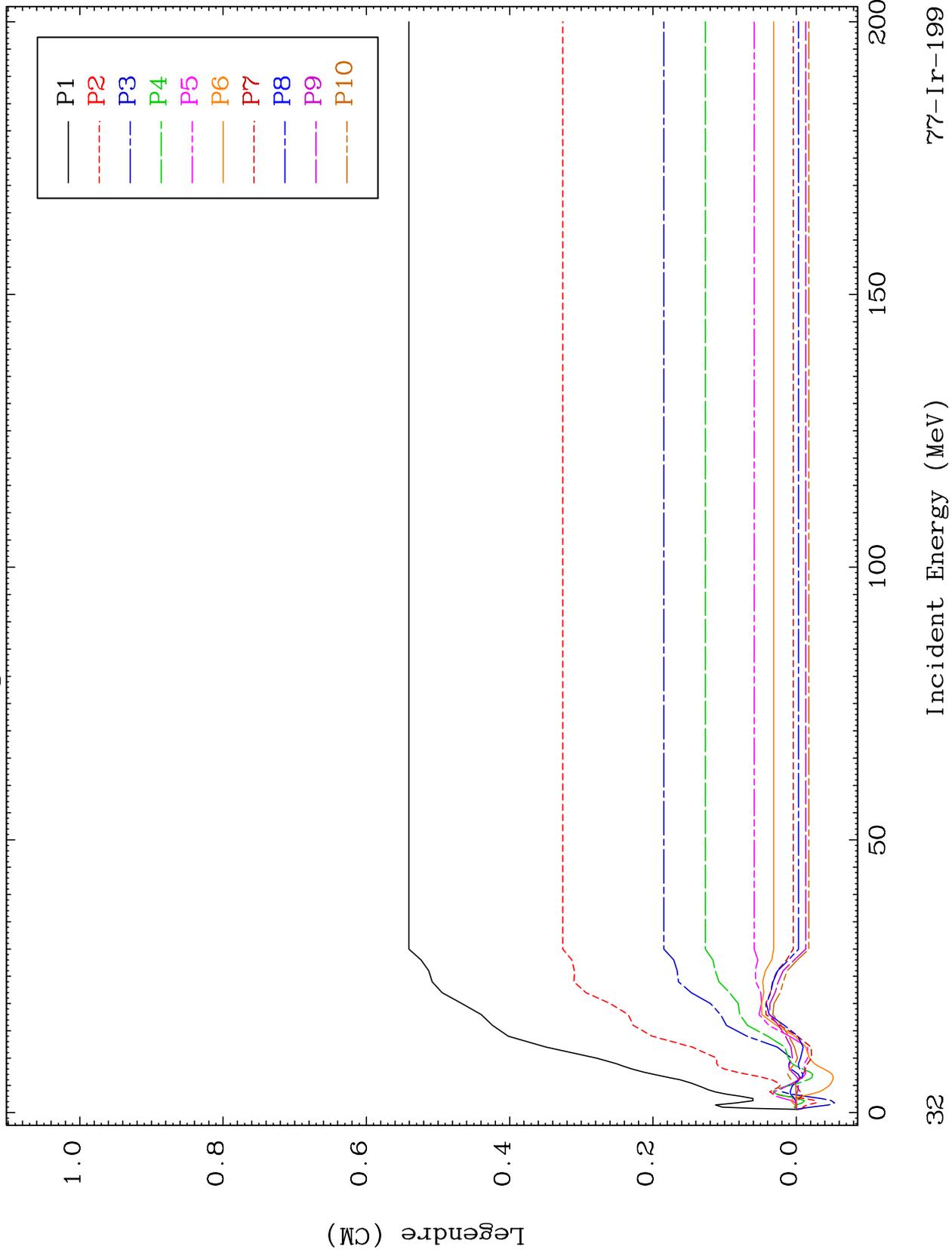
77-Ir-199



MAT 7749

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

77-Ir-199



77-Ir-199

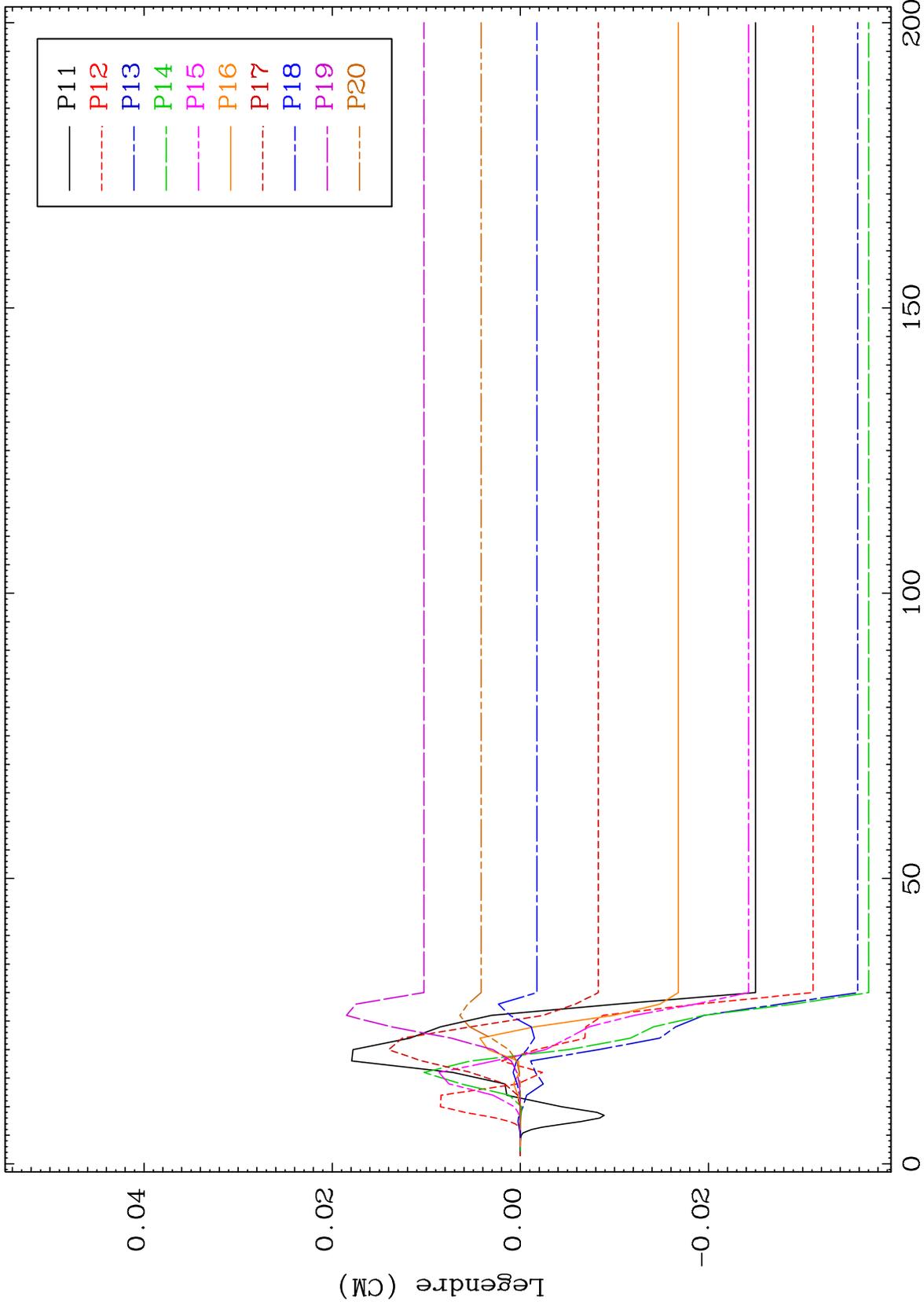
Incident Energy (MeV)

32

MAT 7749

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

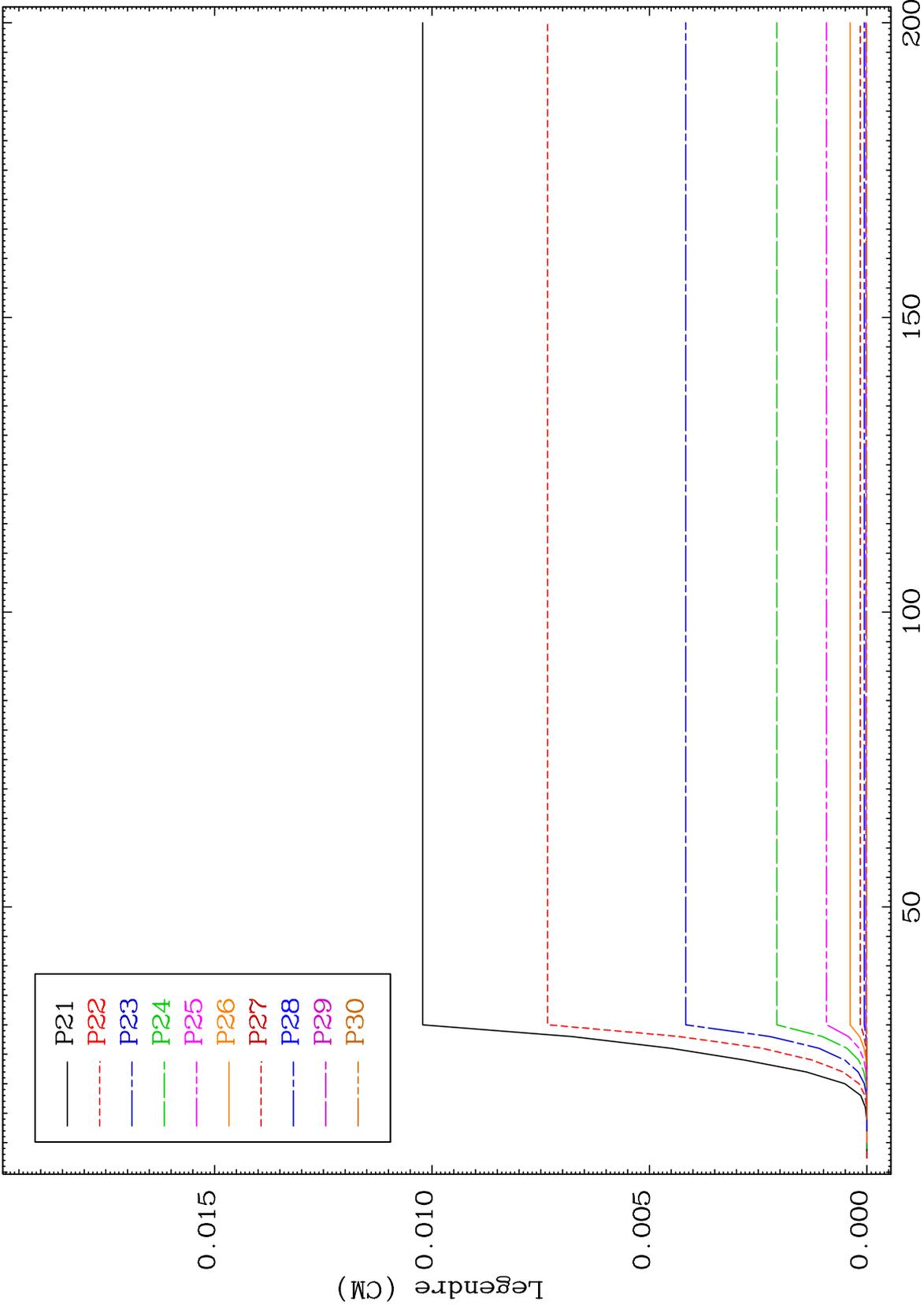
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33

Incident Energy (MeV)

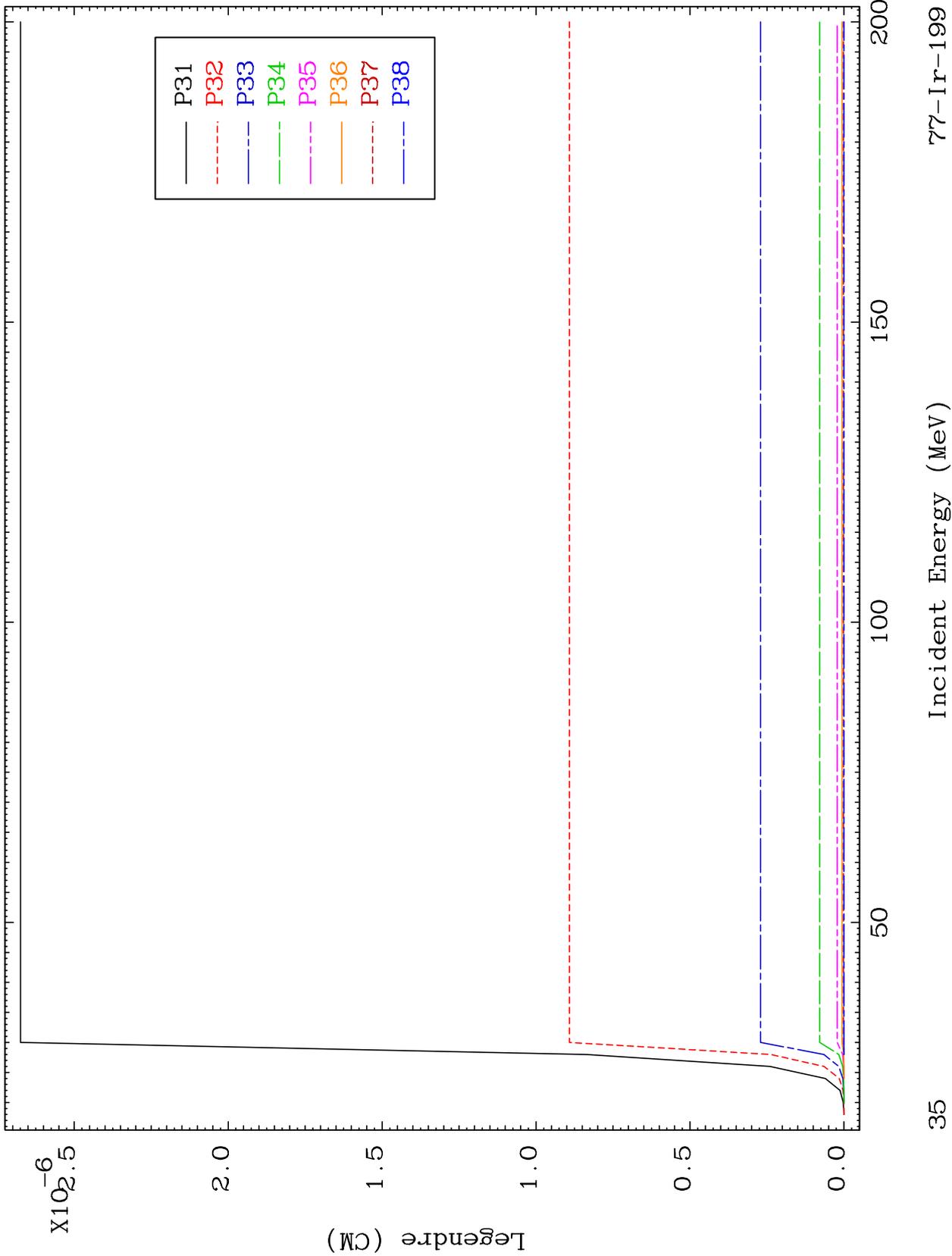
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MAT 7749

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

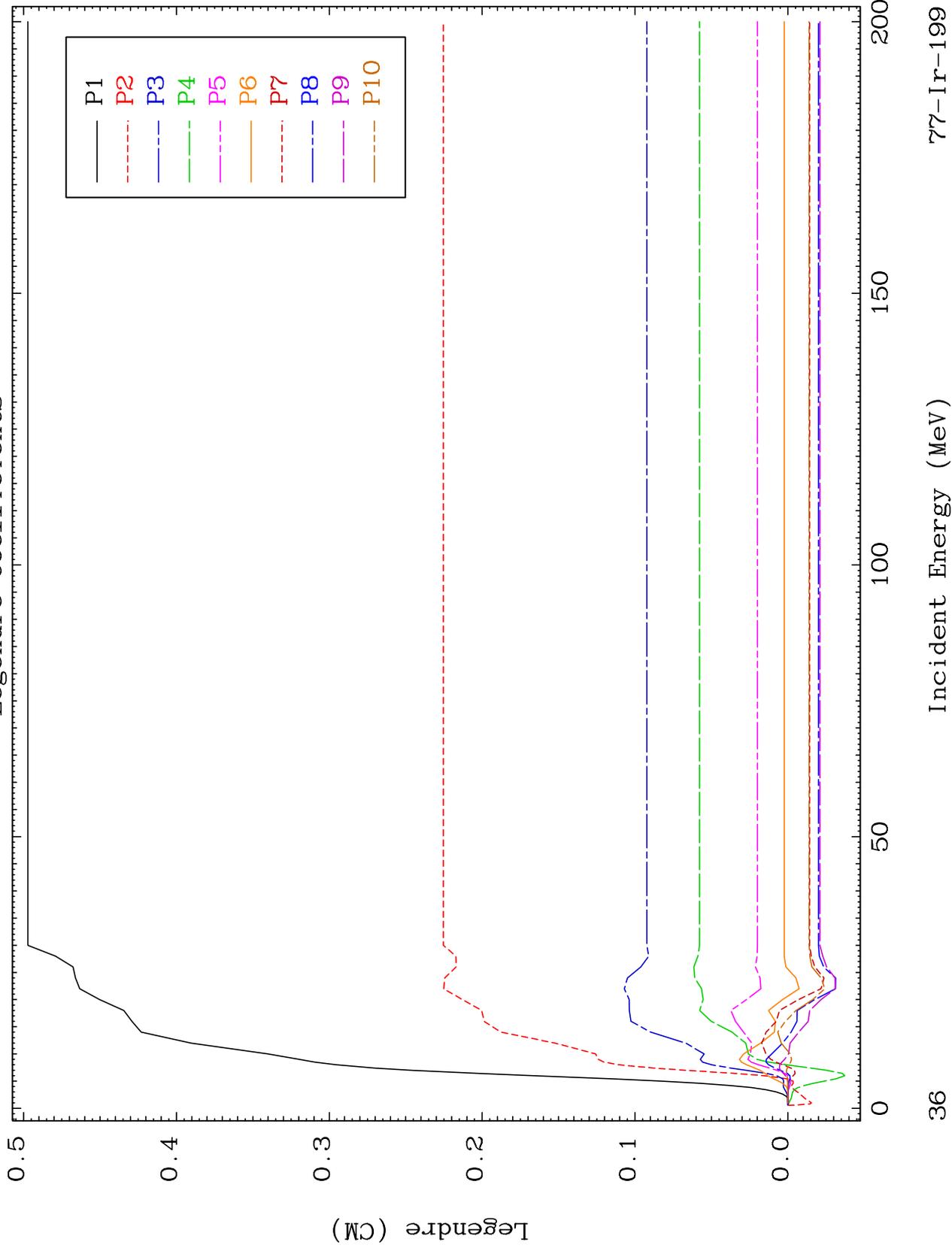
77-Ir-199



35

Incident Energy (MeV)

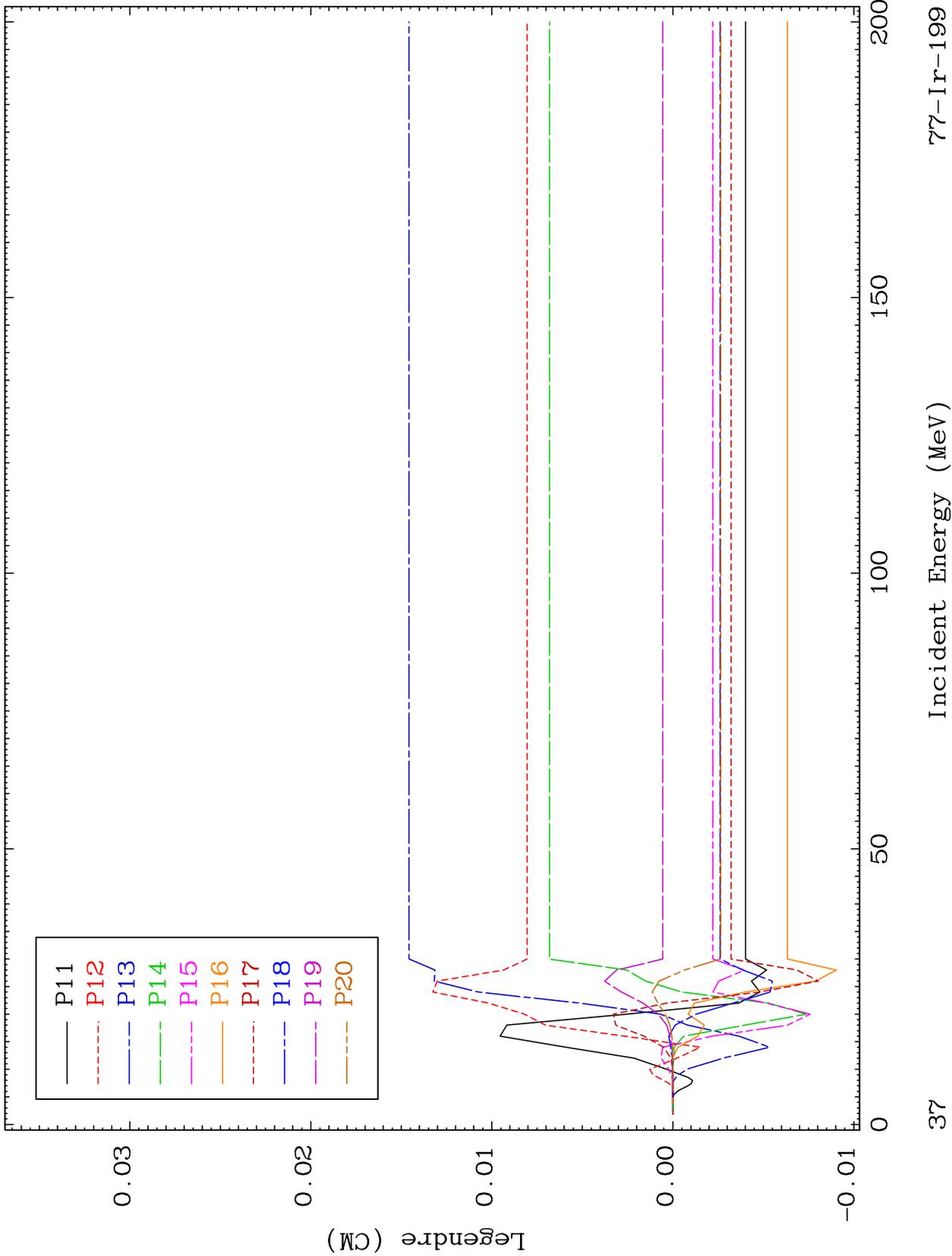
77-Ir-199



MAT 7749

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

77-Ir-199



37

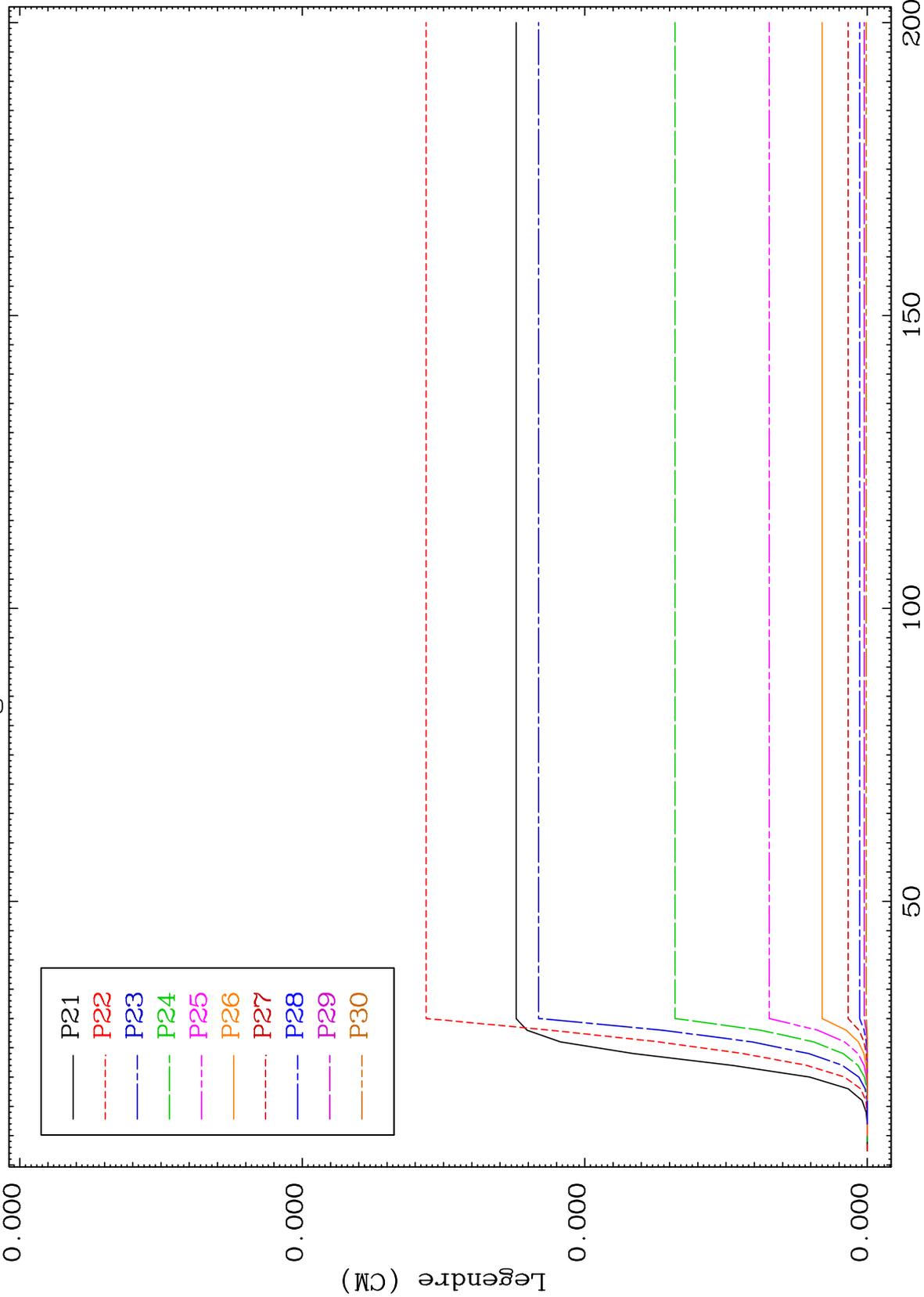
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

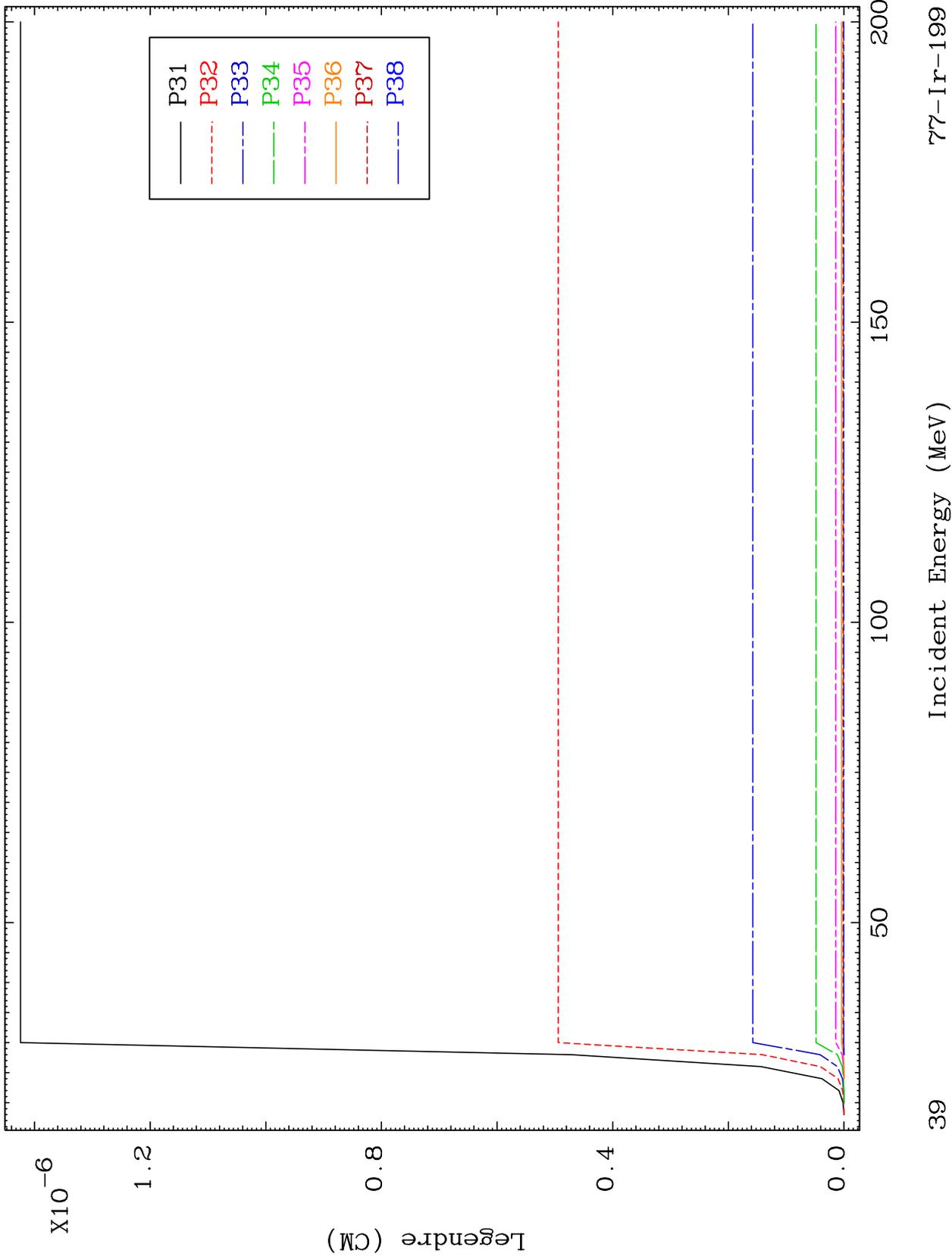
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MAT 7749

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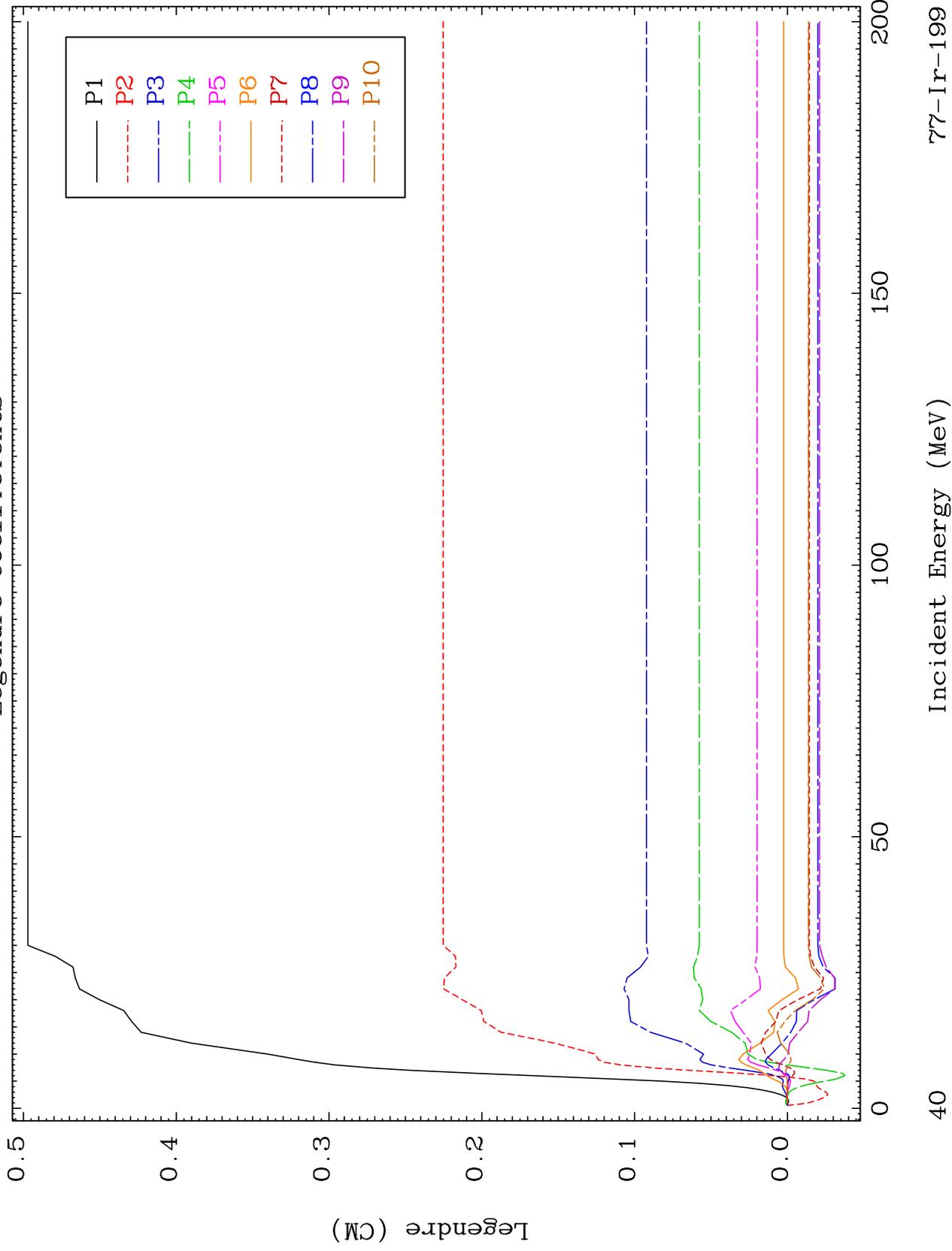
77-Ir-199



MAT 7749

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

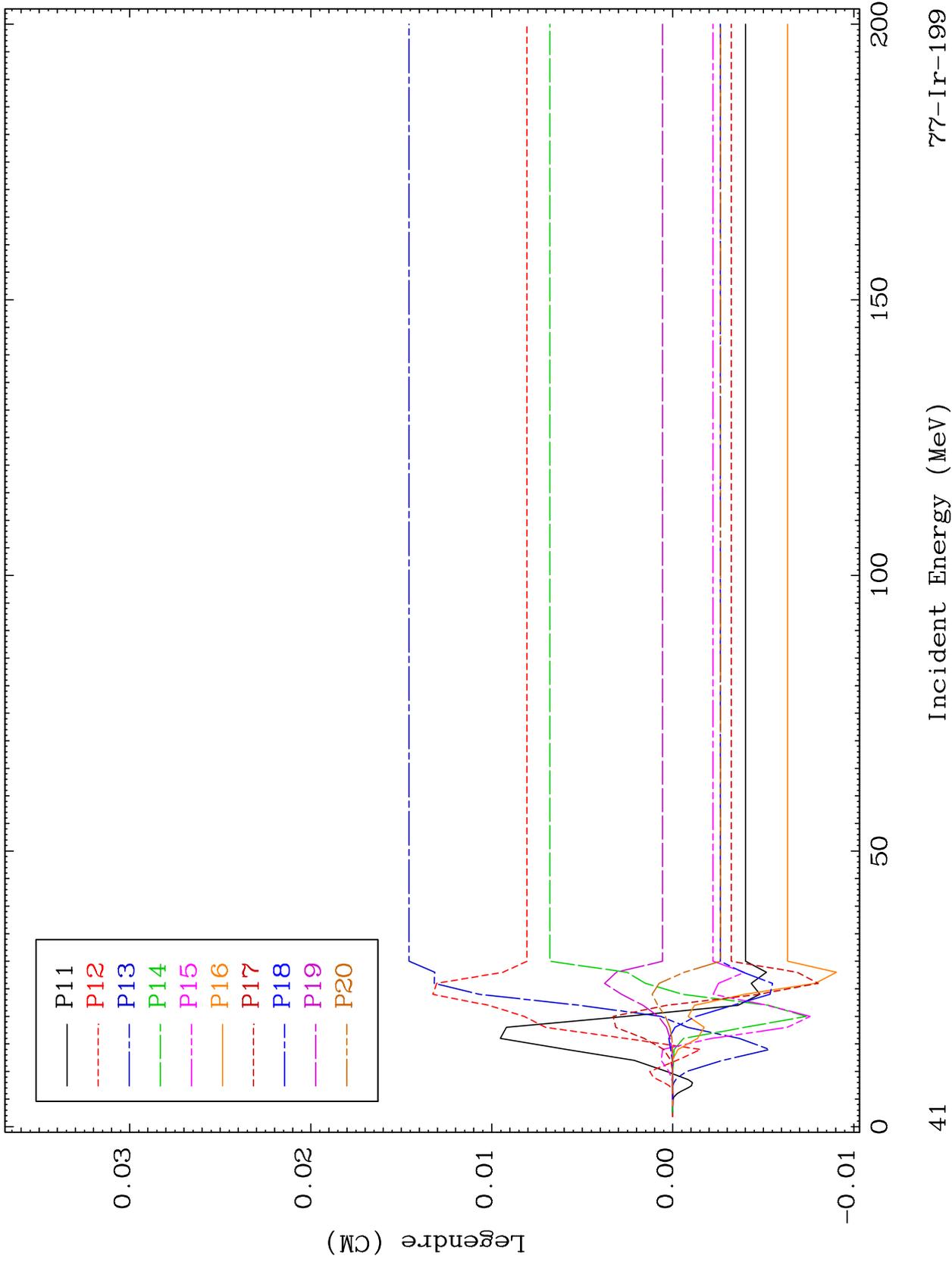
77-Ir-199



MAT 7749

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

77-Ir-199



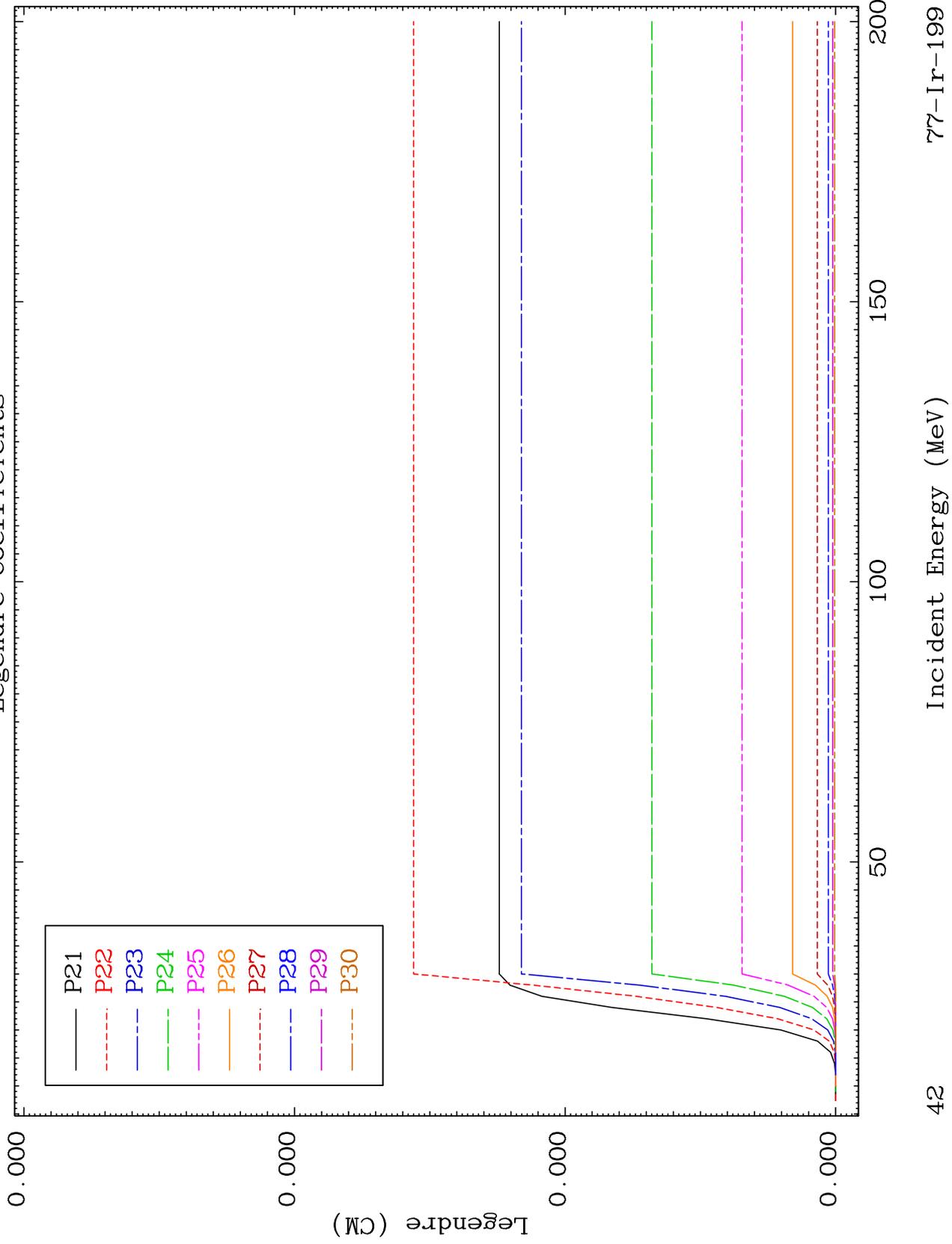
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77-Ir-199

MAT 7749

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

77-Ir-199



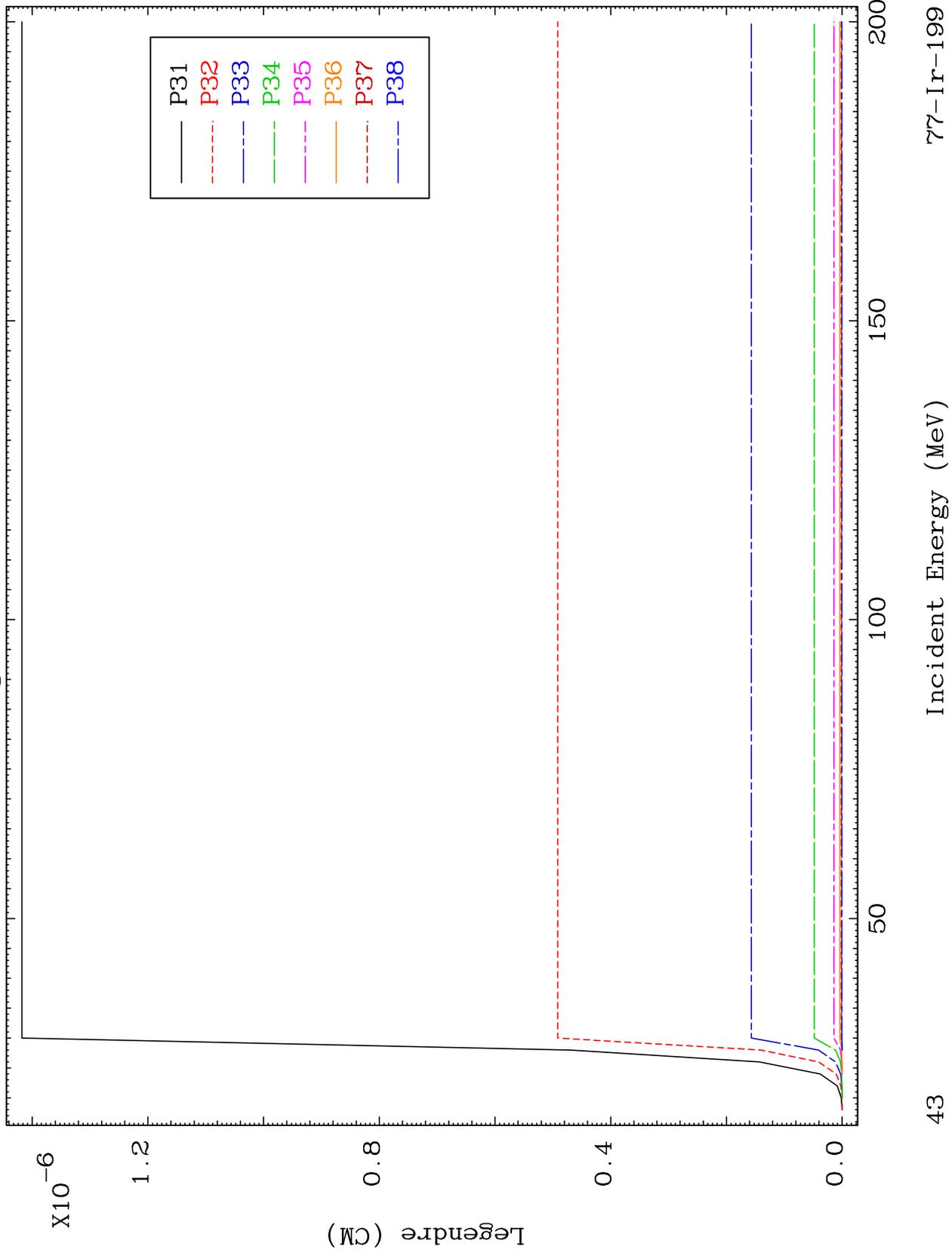
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77-Ir-199

MAT 7749

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

77-Ir-199



43

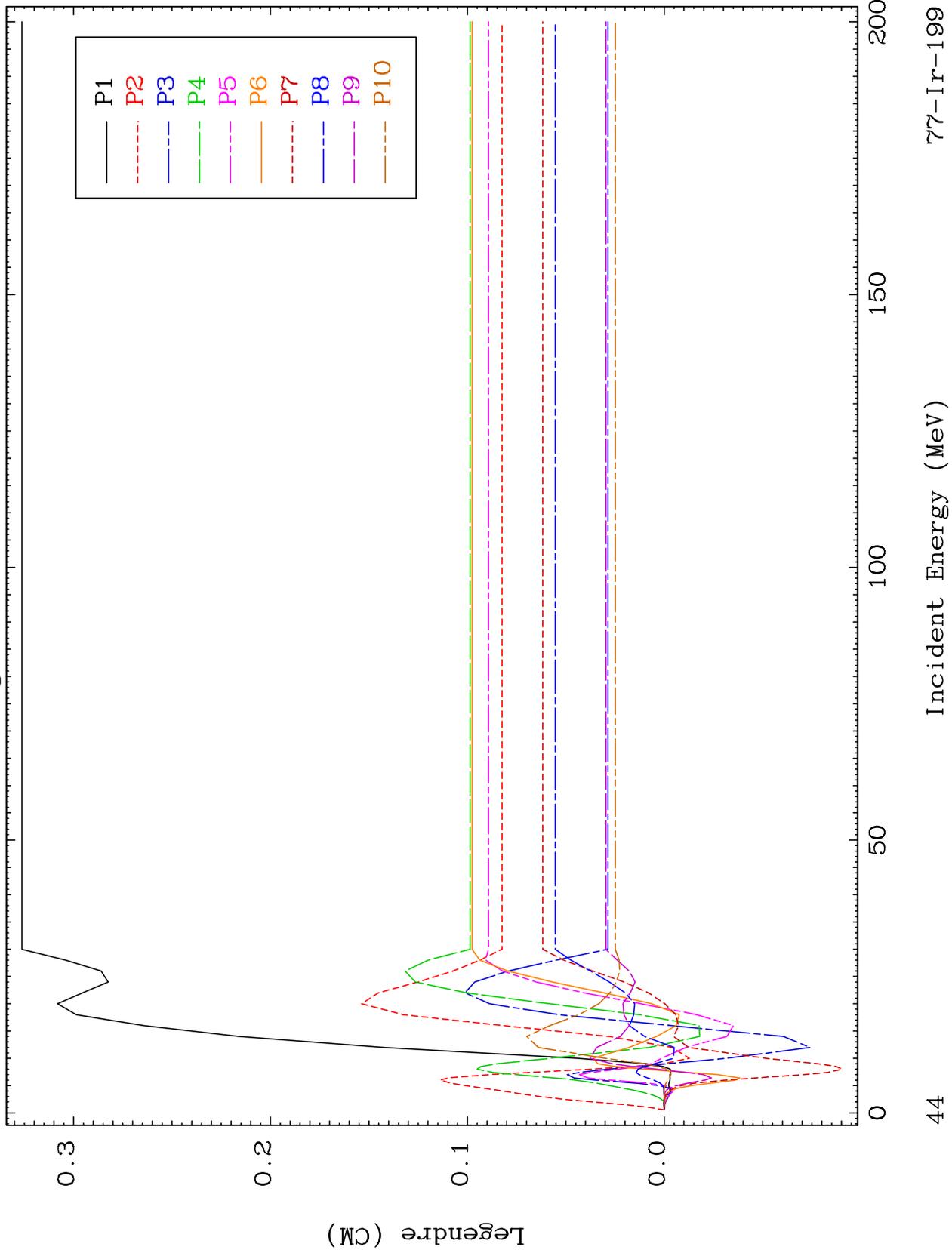
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

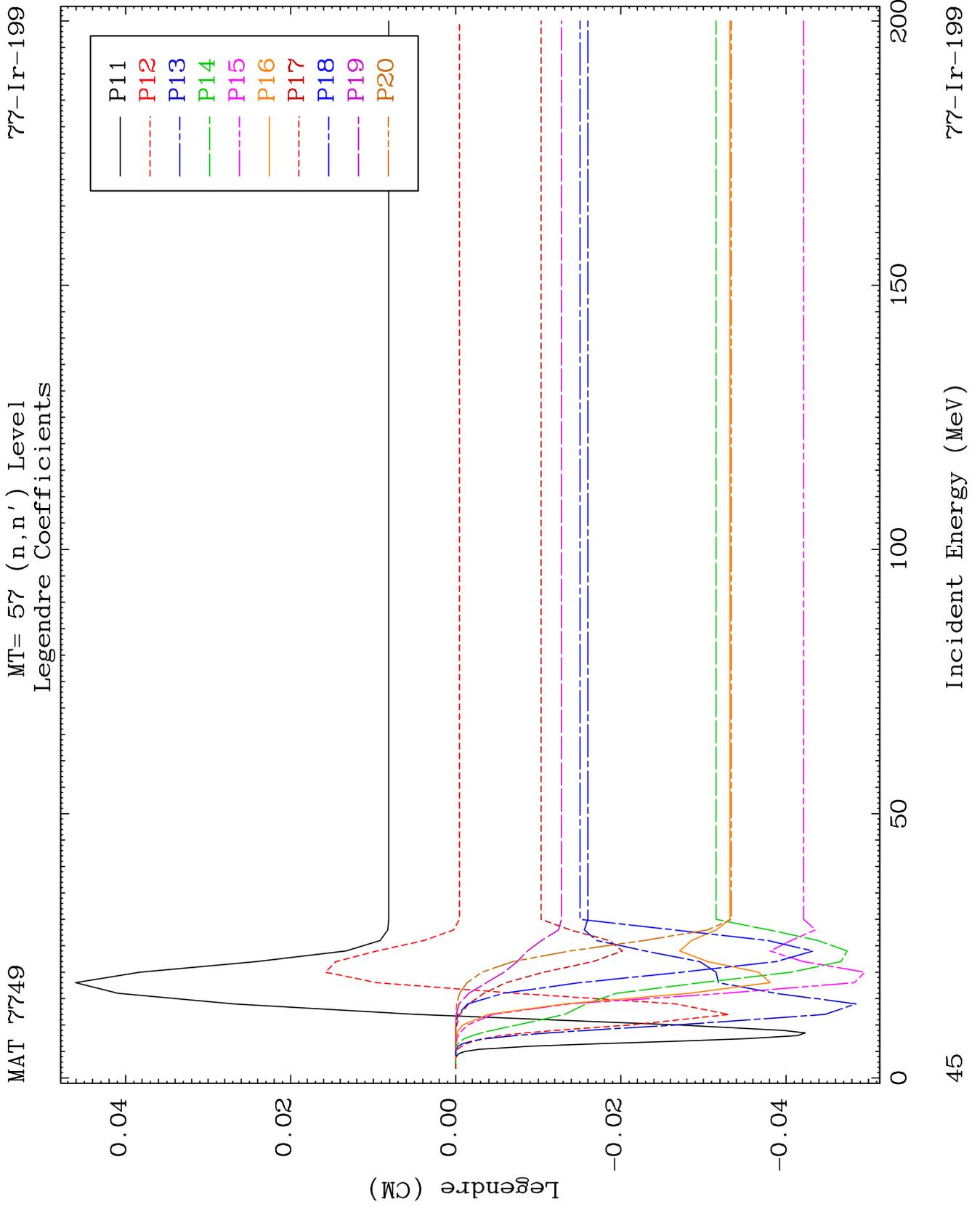
77-Ir-199



77-Ir-199

Incident Energy (MeV)

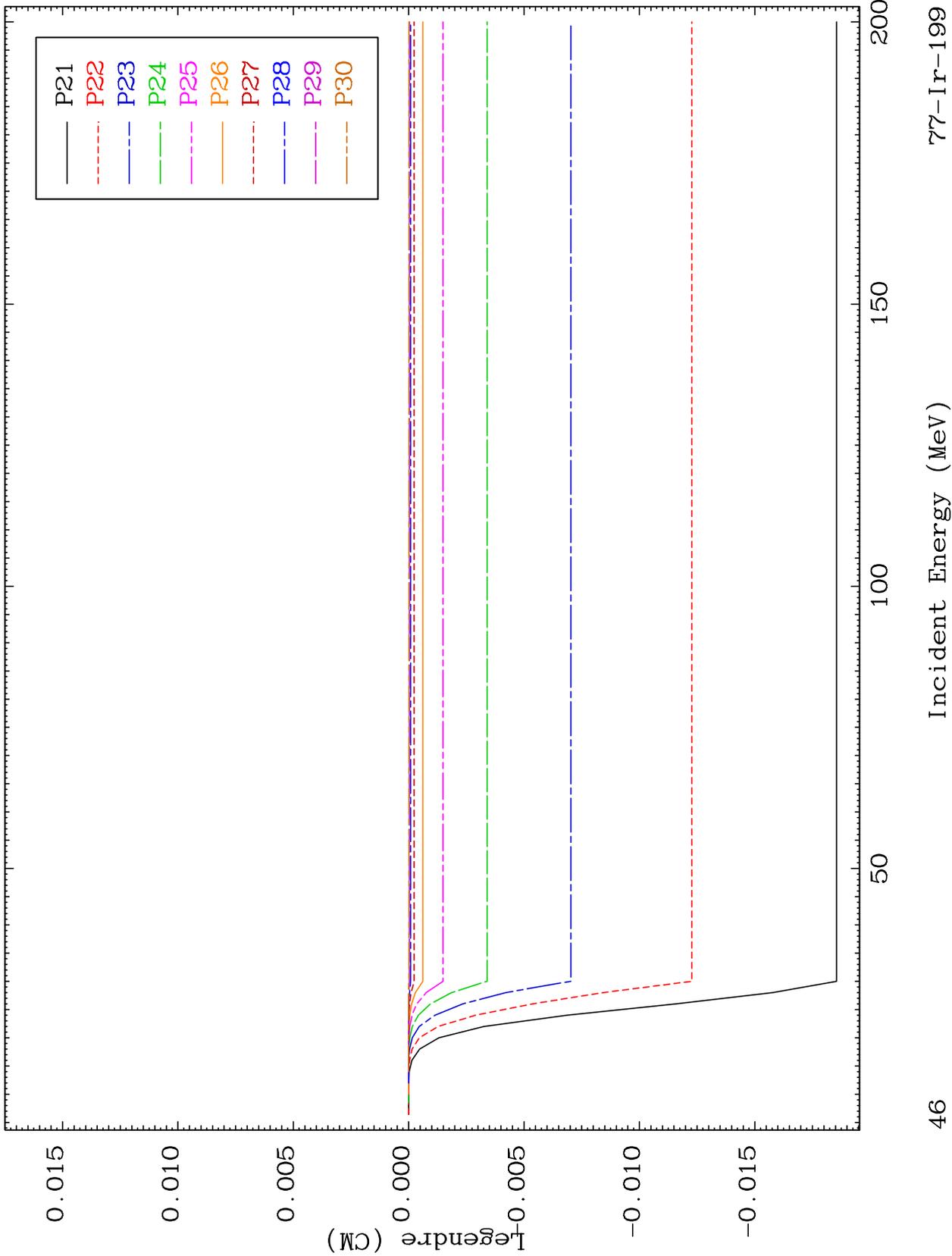
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MAT 7749

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

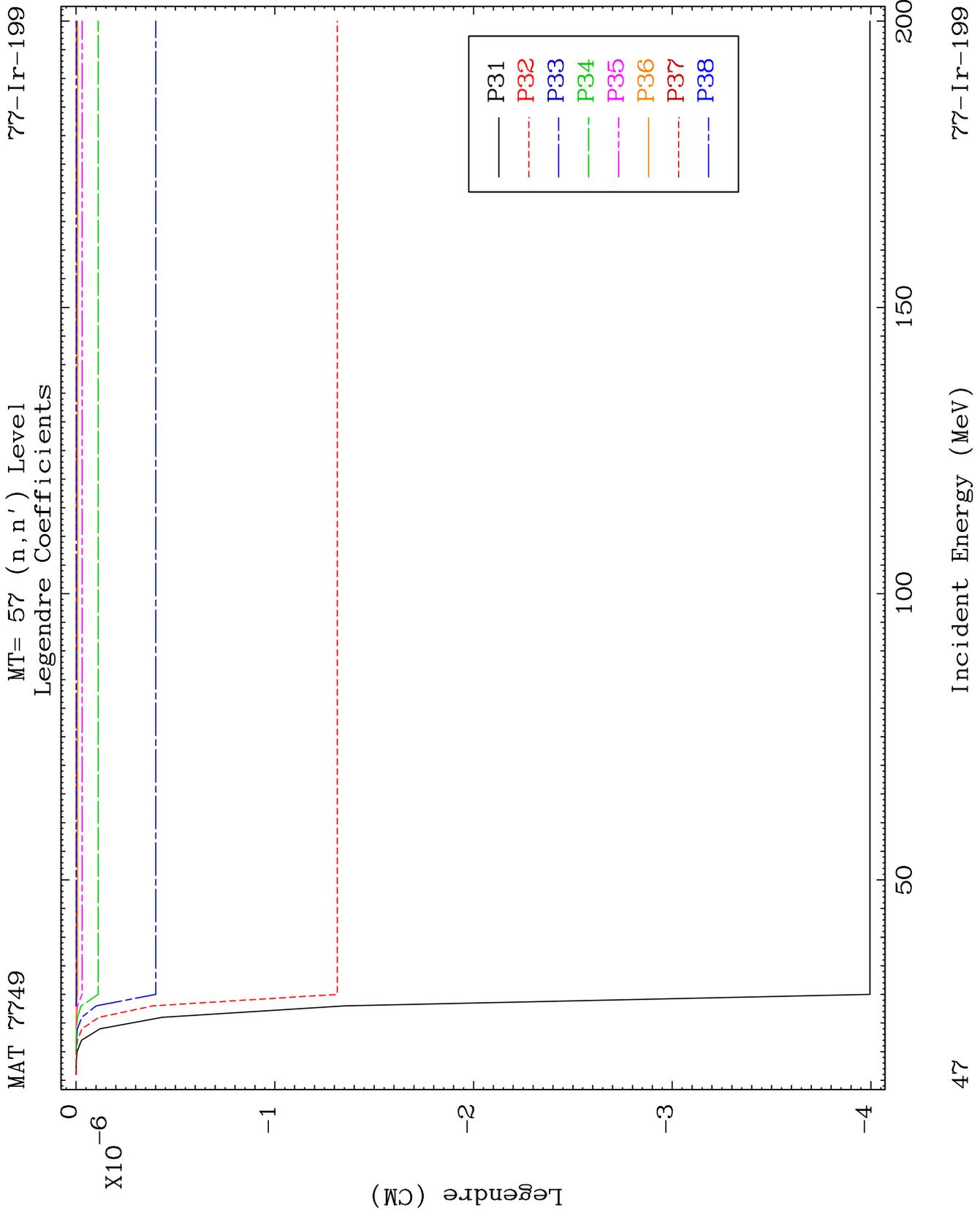
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46

Incident Energy (MeV)

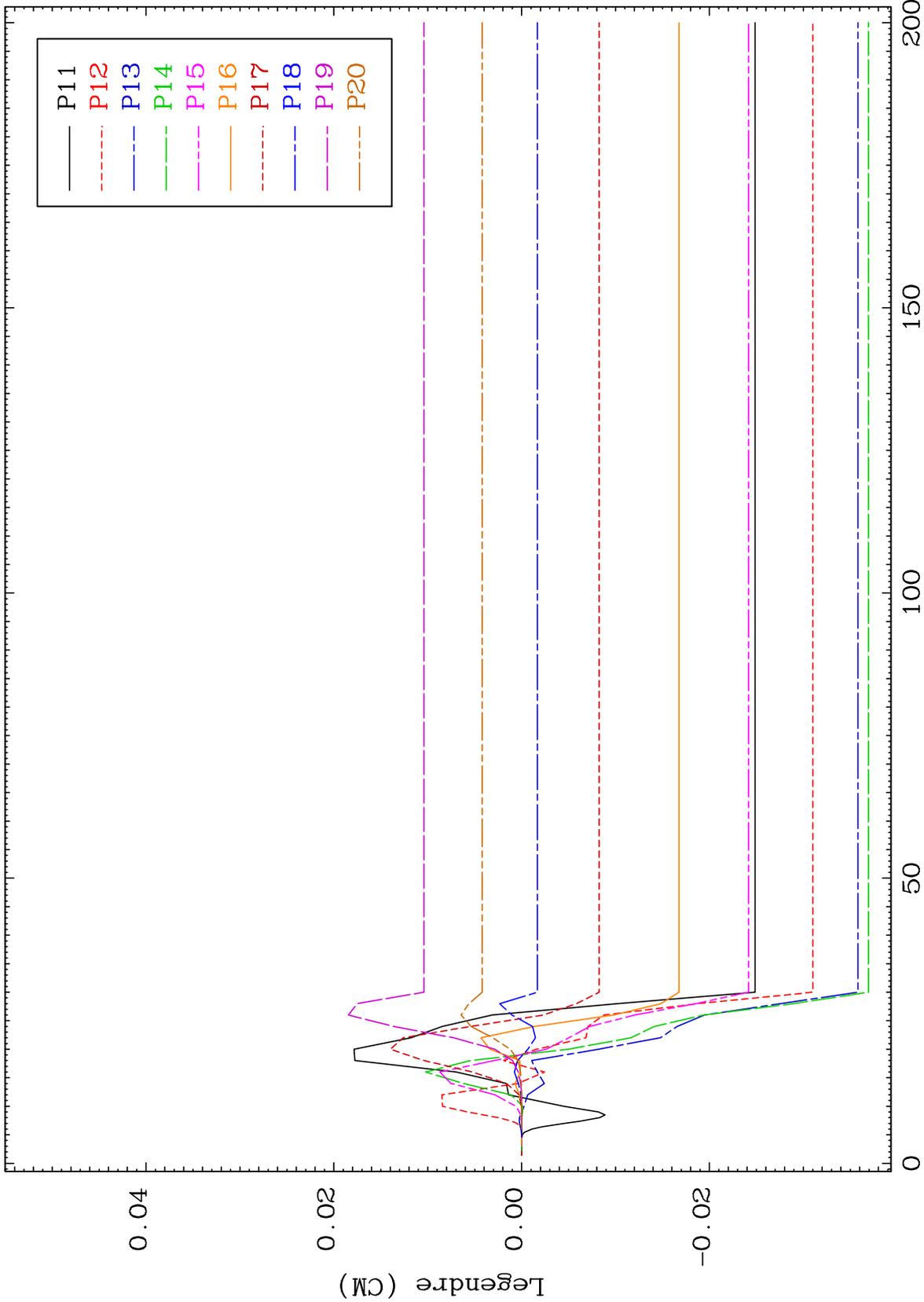
77-Ir-199



MAT 7749

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

77-Ir-199



49

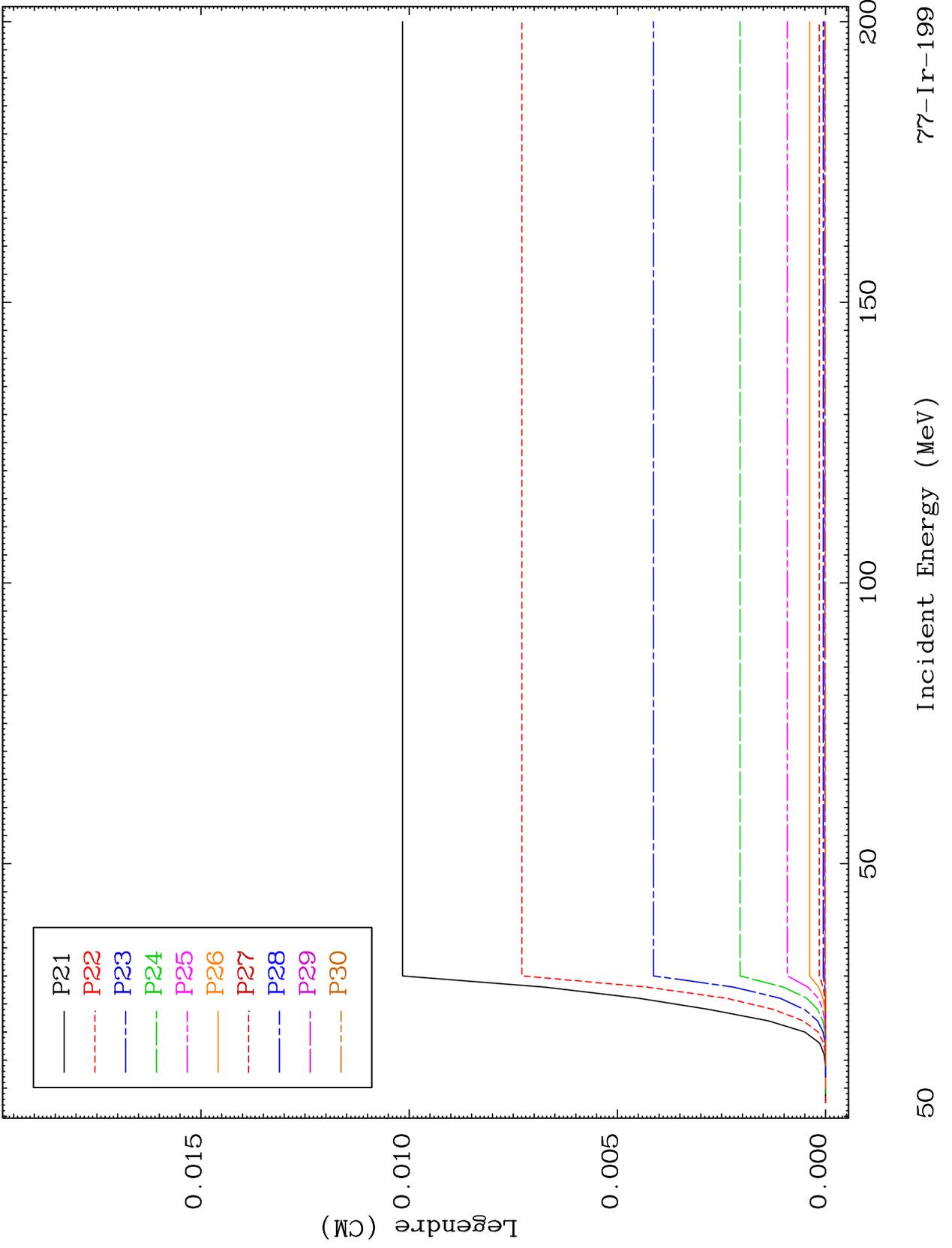
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

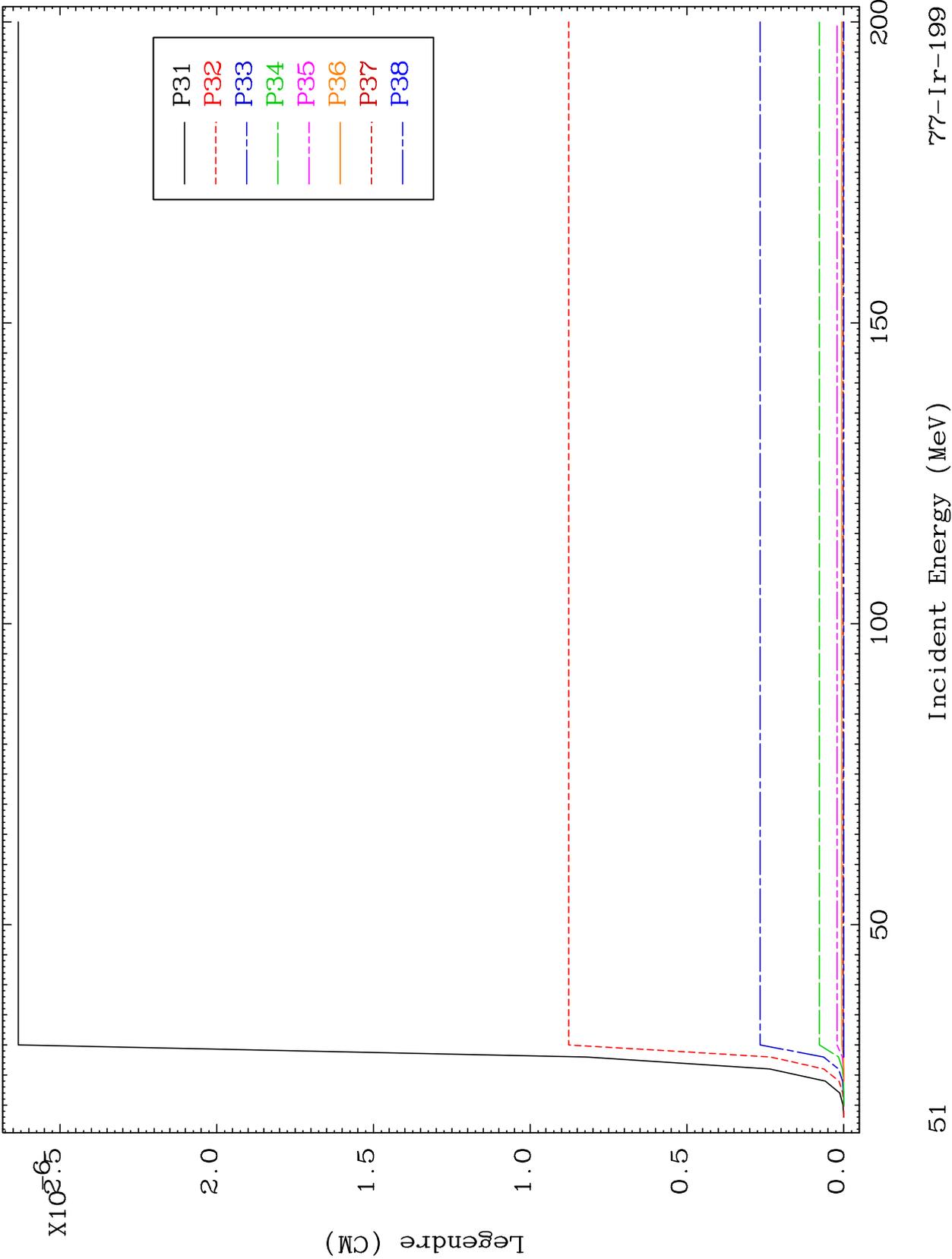
77-Ir-199



77-Ir-199

Incident Energy (MeV)

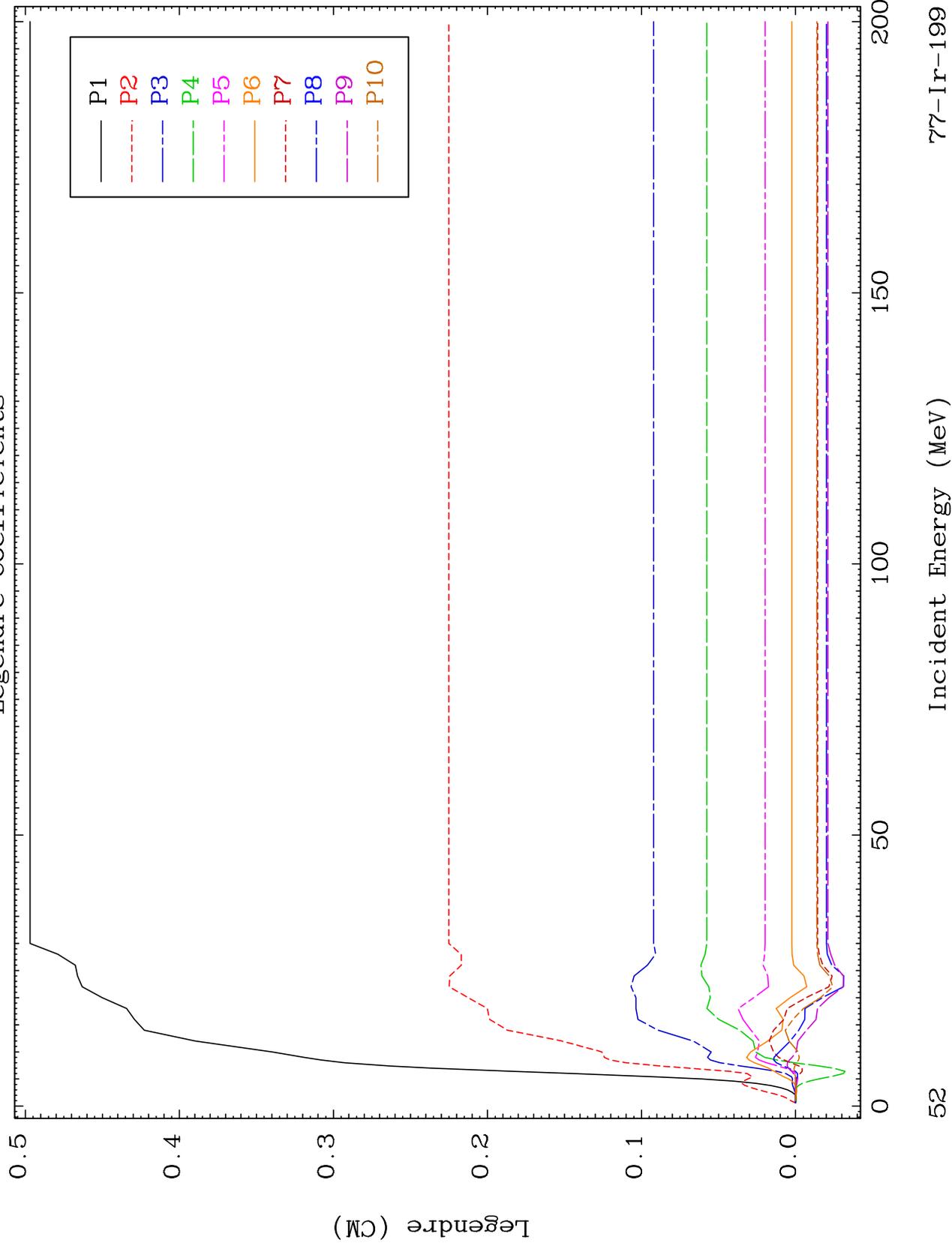
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MAT 7749

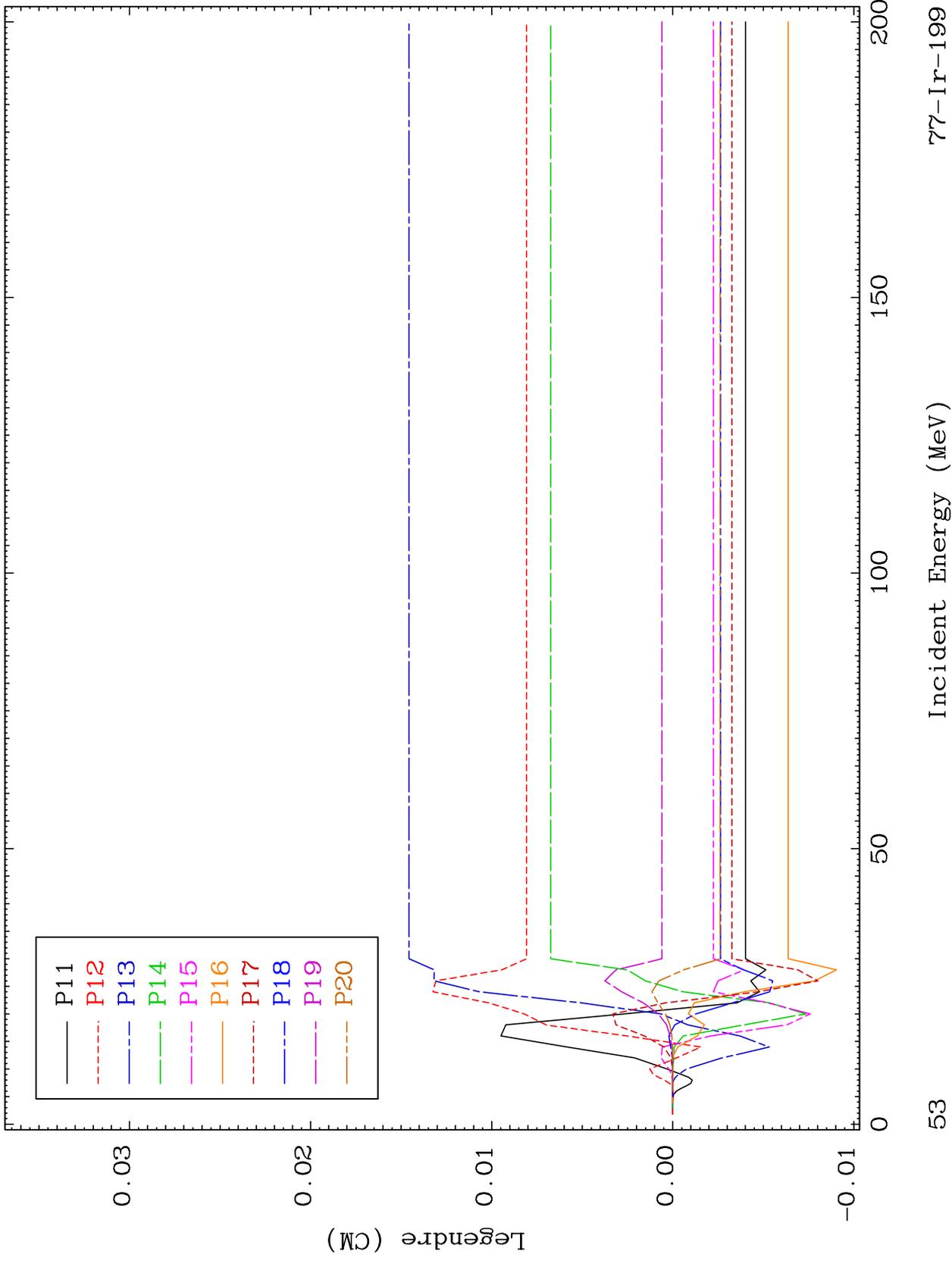
MT= 59 (n,n') Level
Legendre Coefficients

77-Ir-199



52

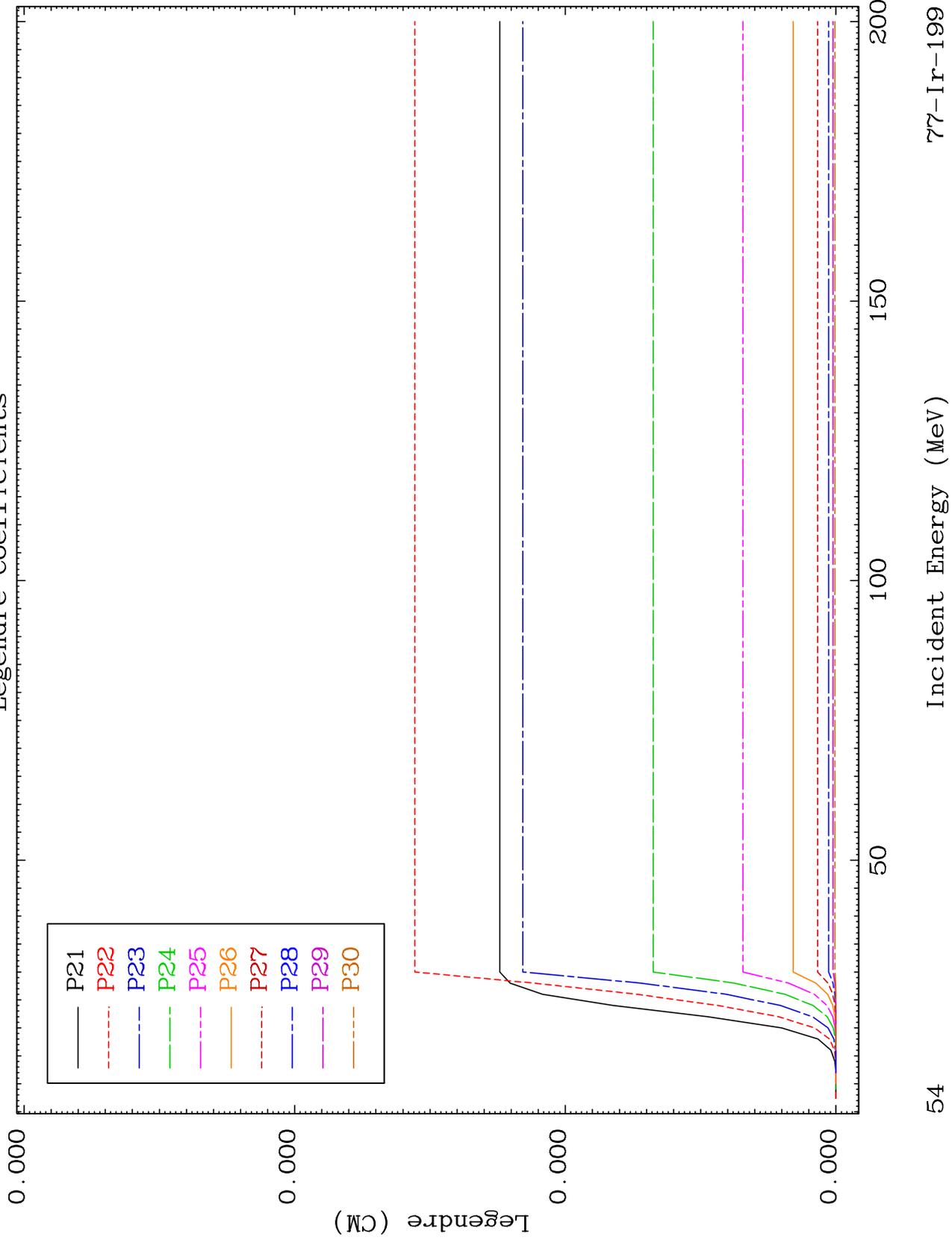
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MAT 7749

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

77-Ir-199



54

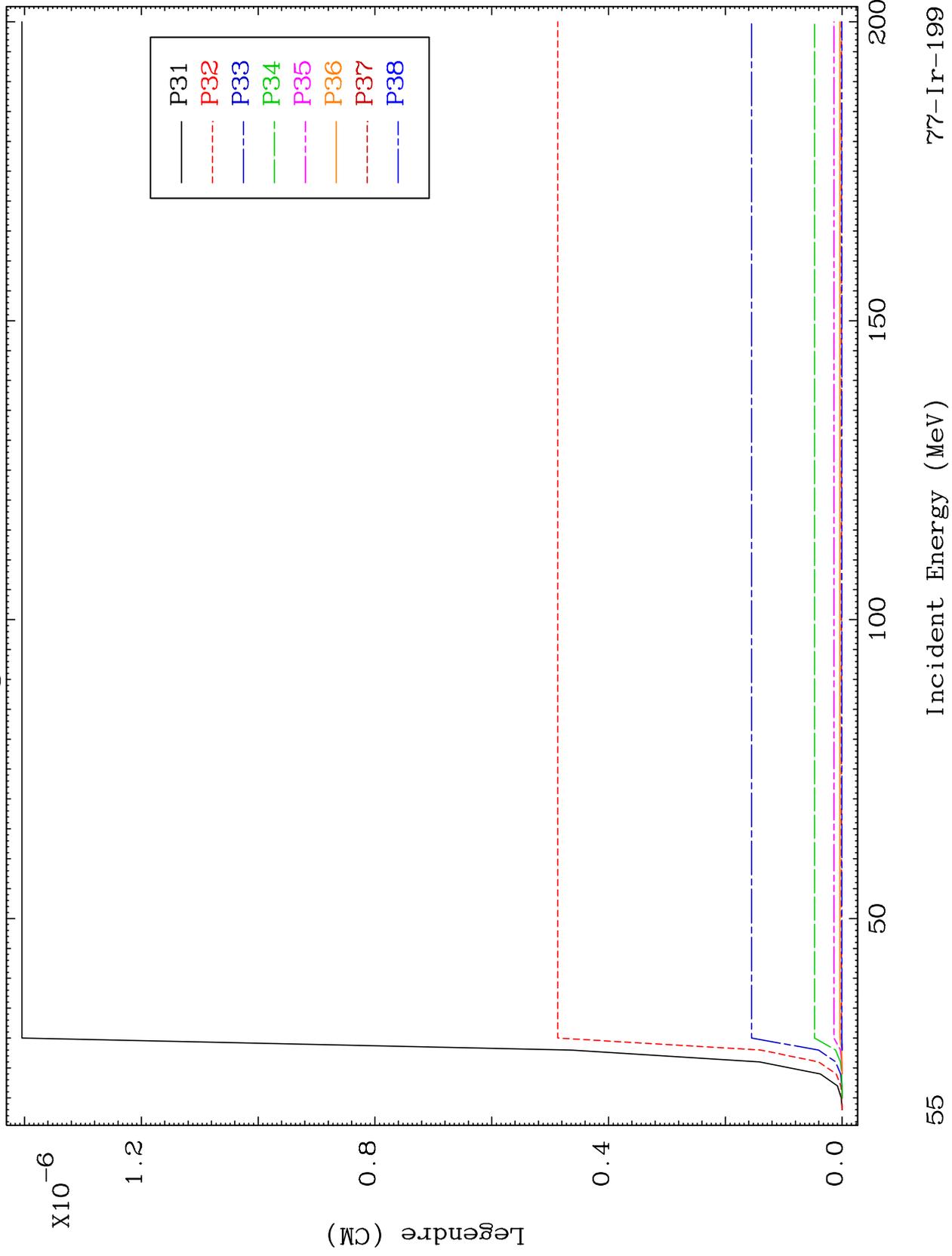
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

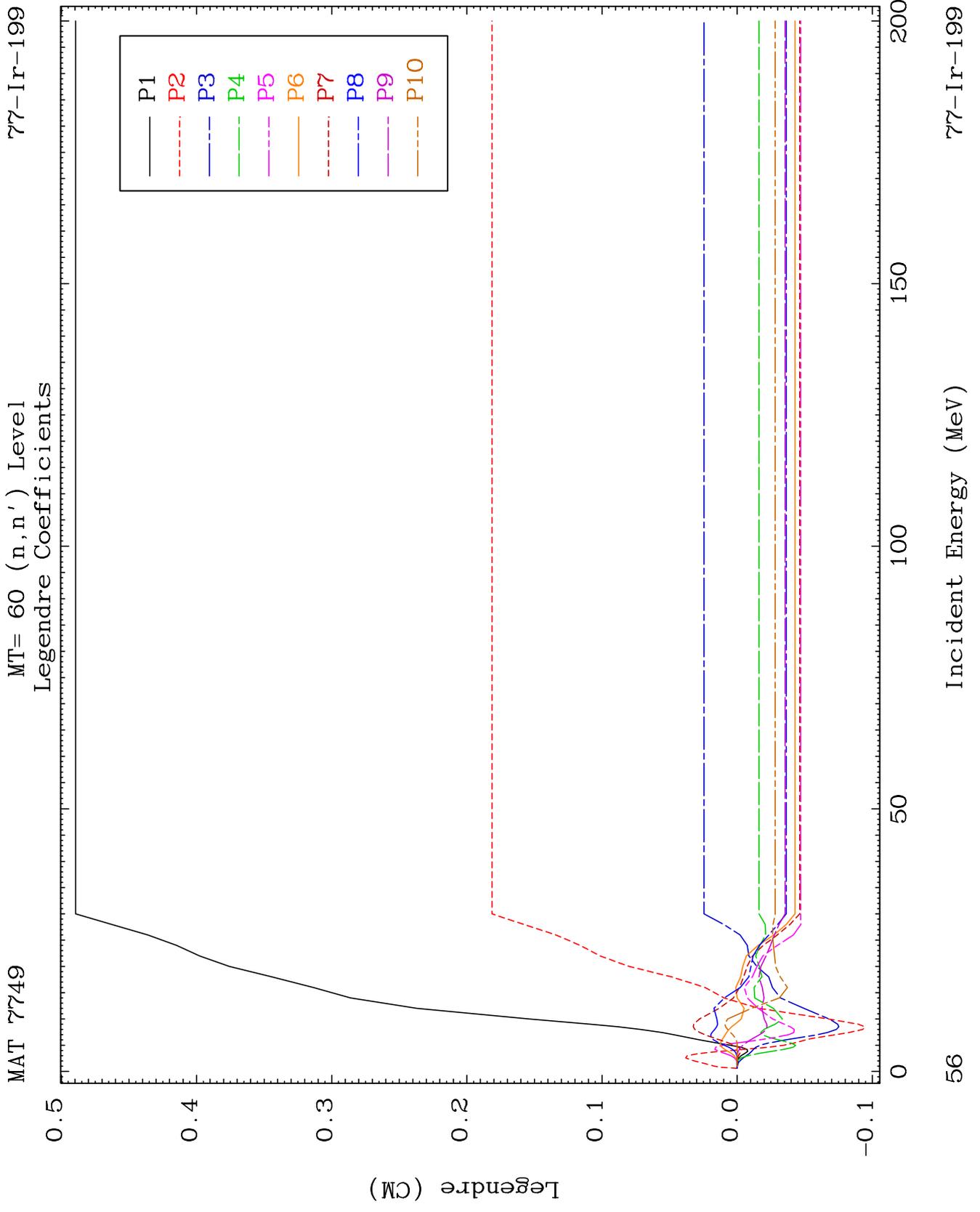
77-Ir-199



55

Incident Energy (MeV)

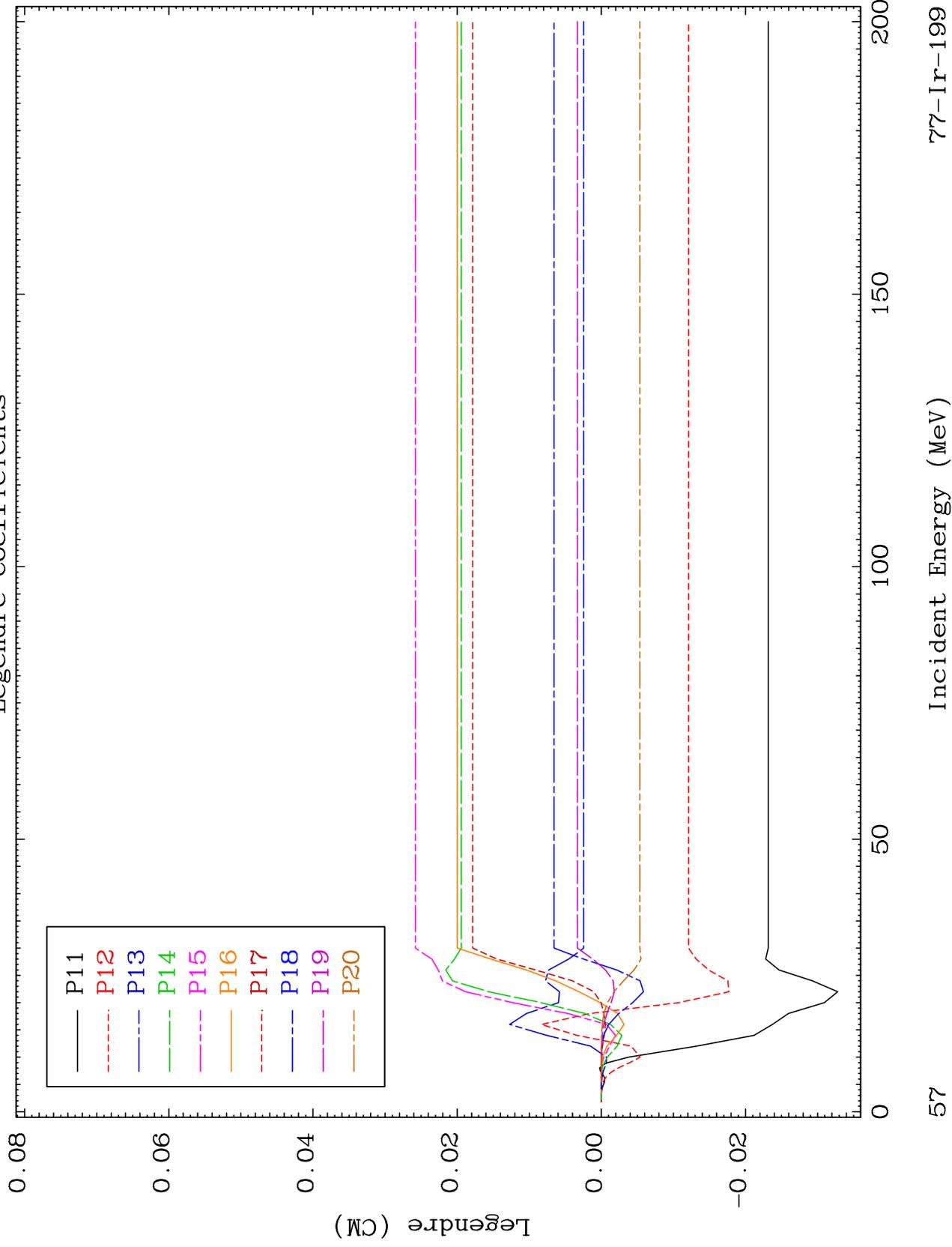
77-Ir-199



MAT 7749

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

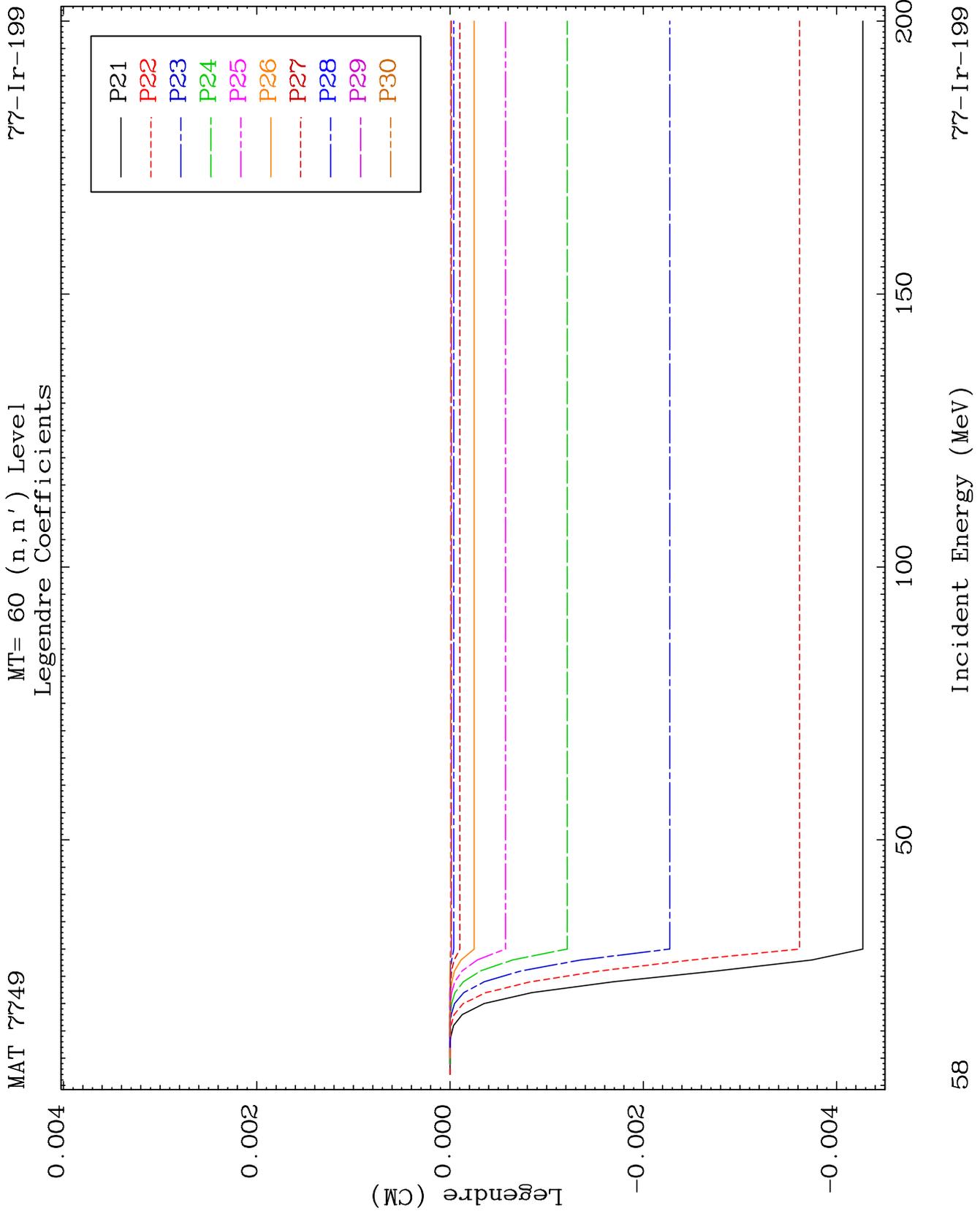
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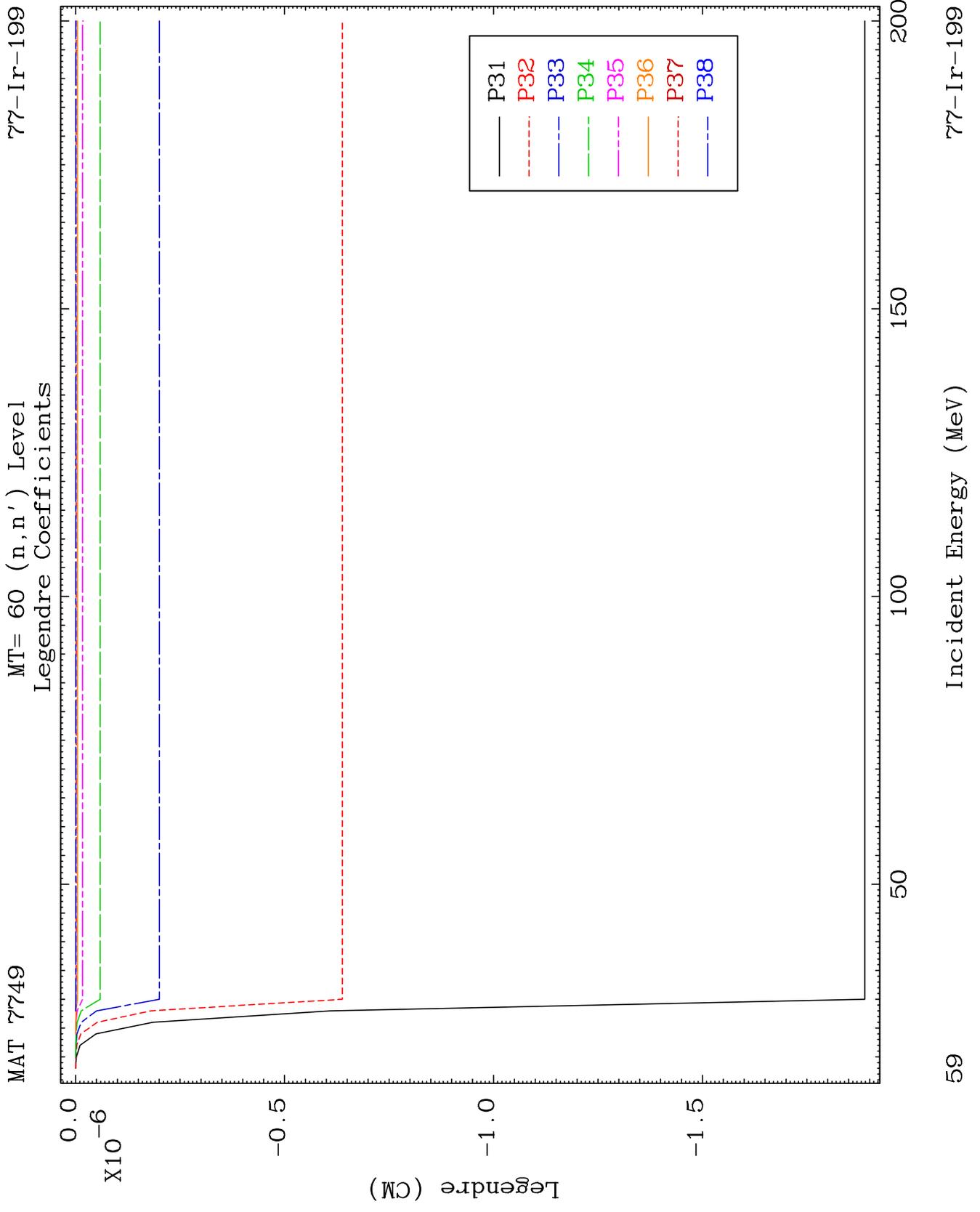


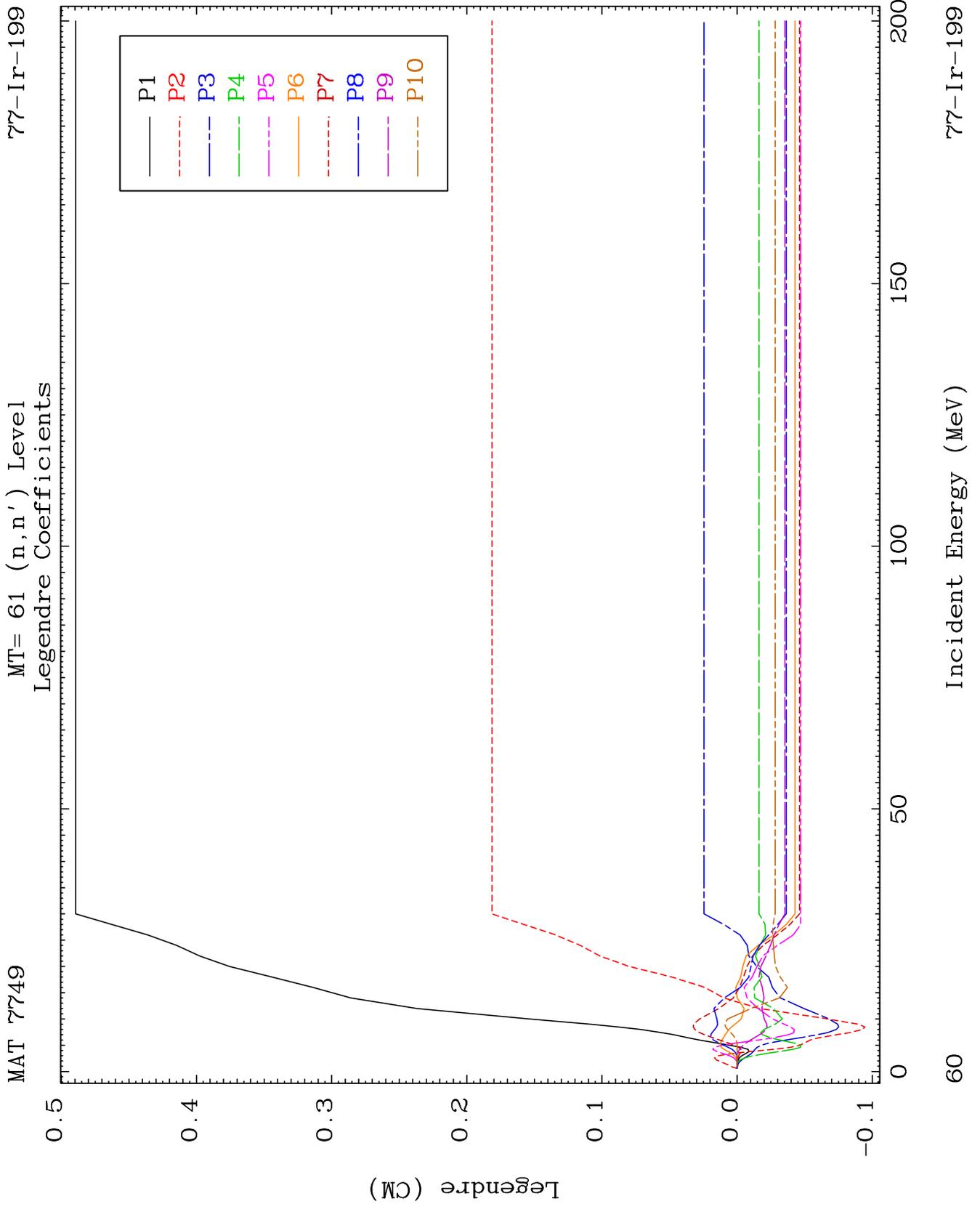
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Incident Energy (MeV)

77-Ir-199



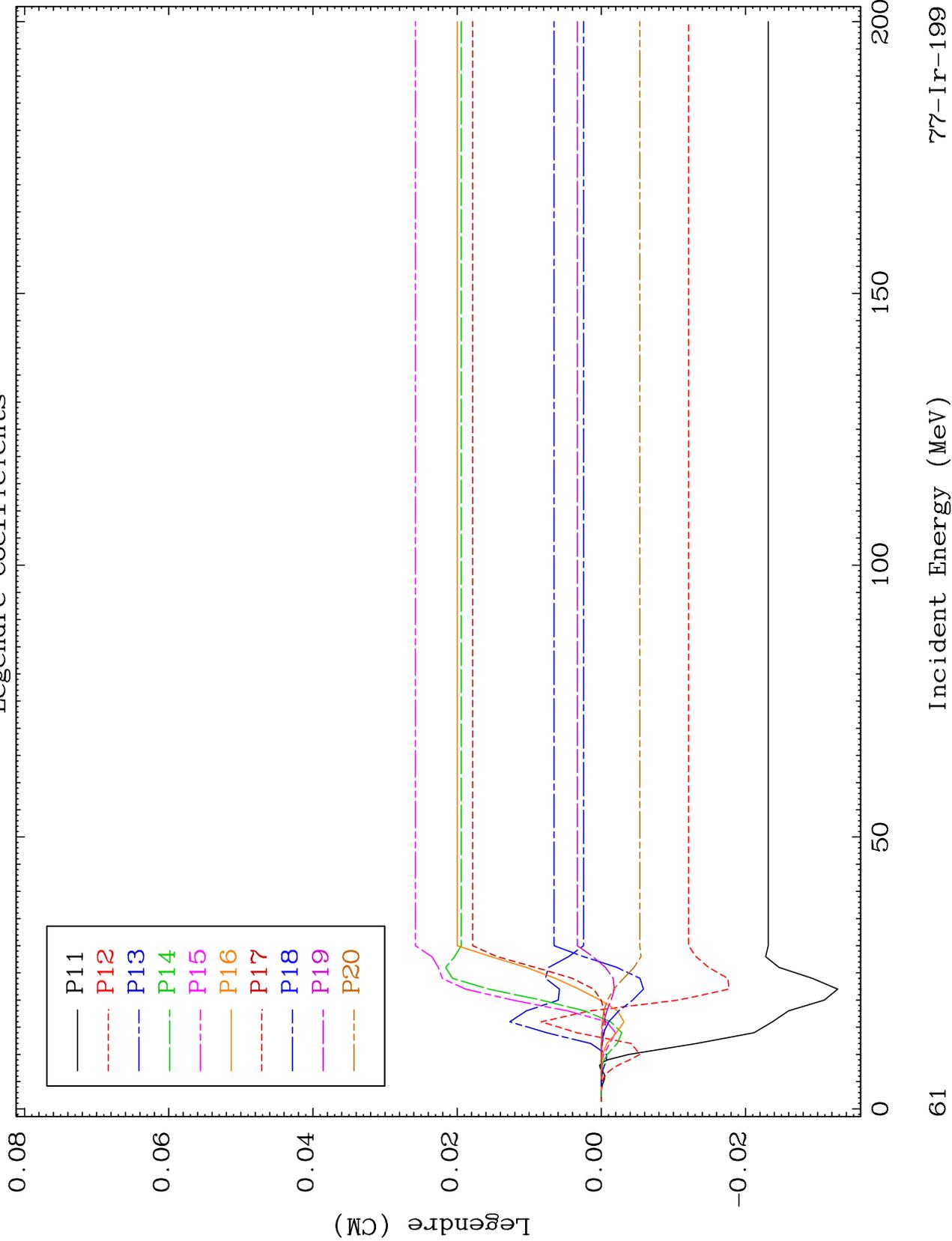




MAT 7749

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

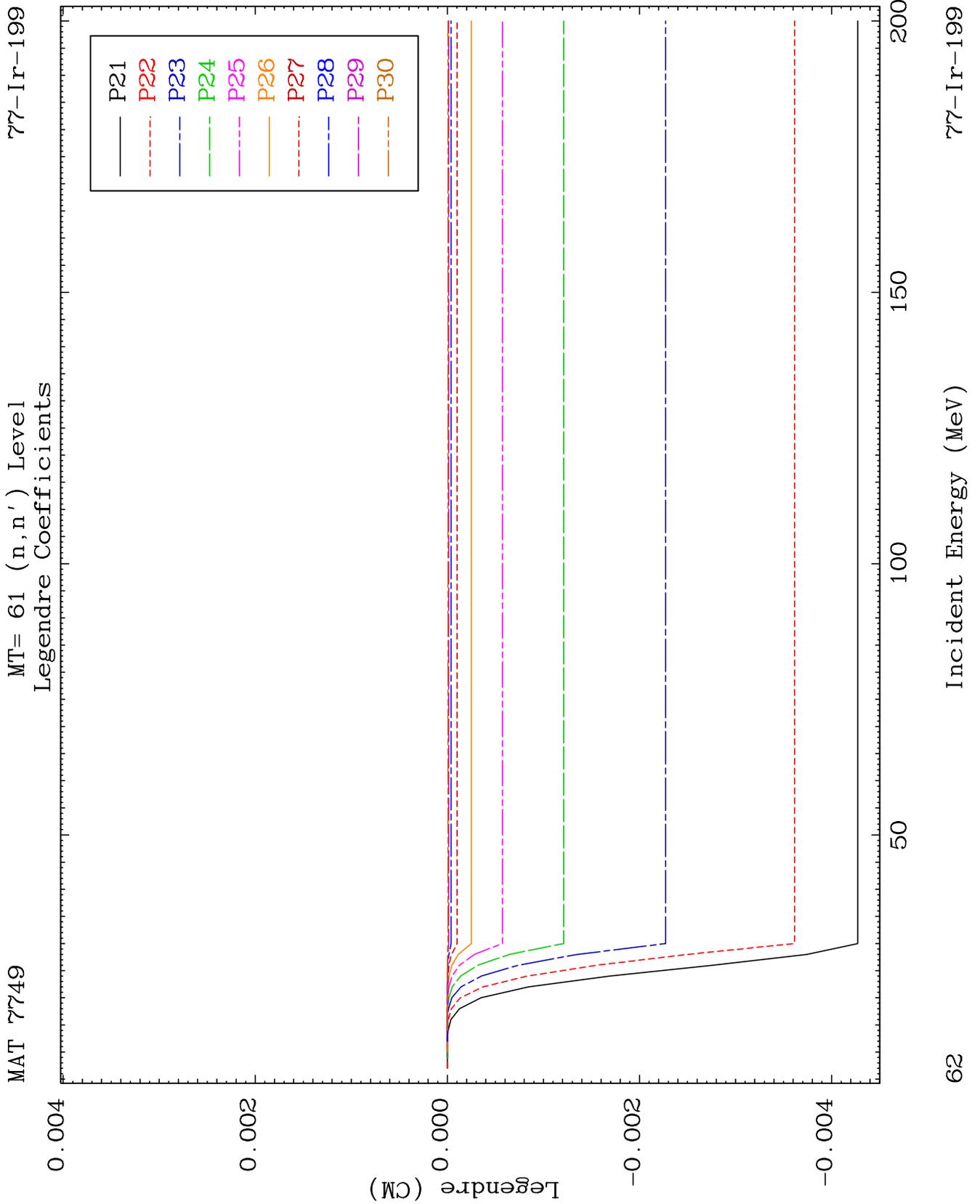
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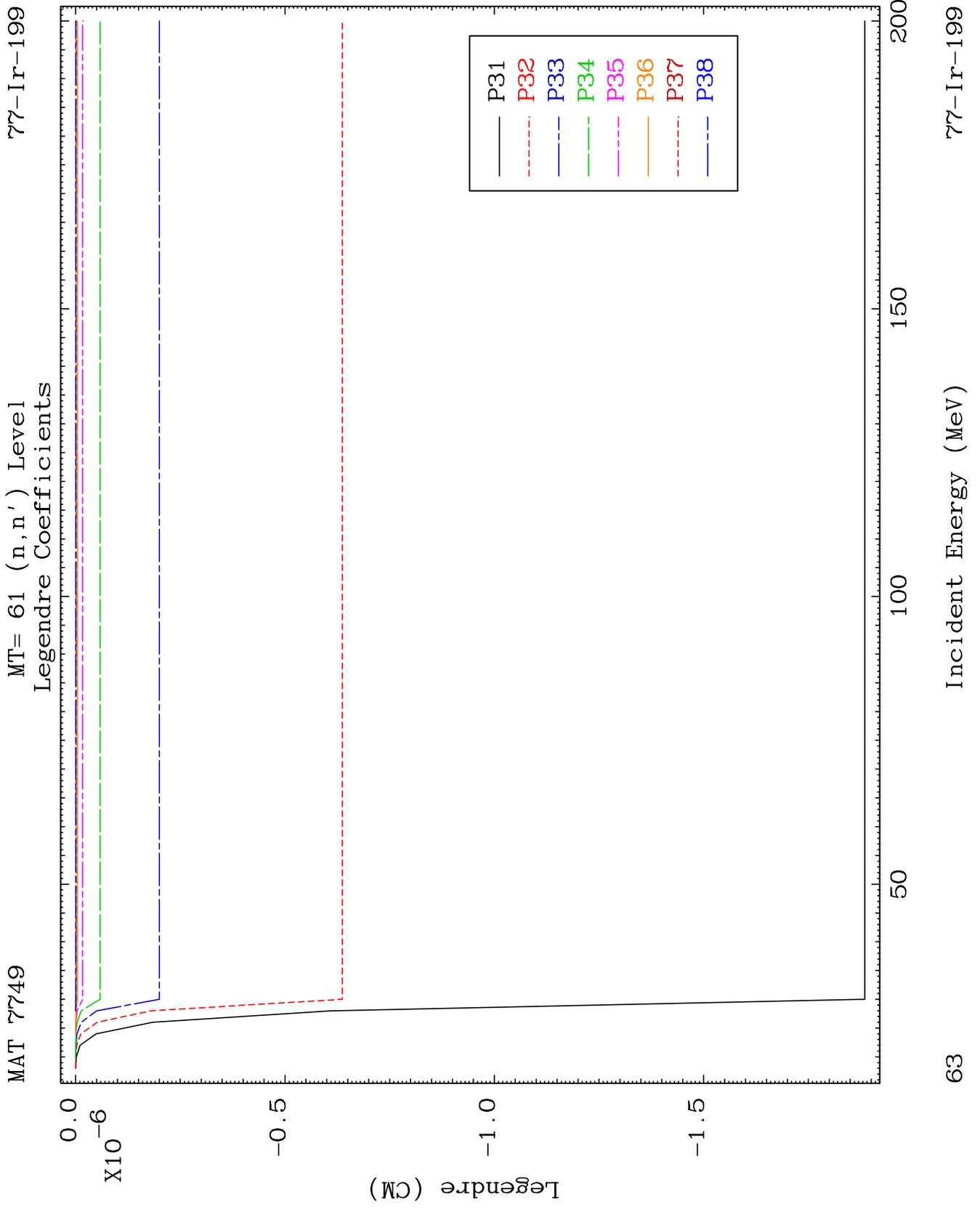


77-Ir-199

Incident Energy (MeV)

61

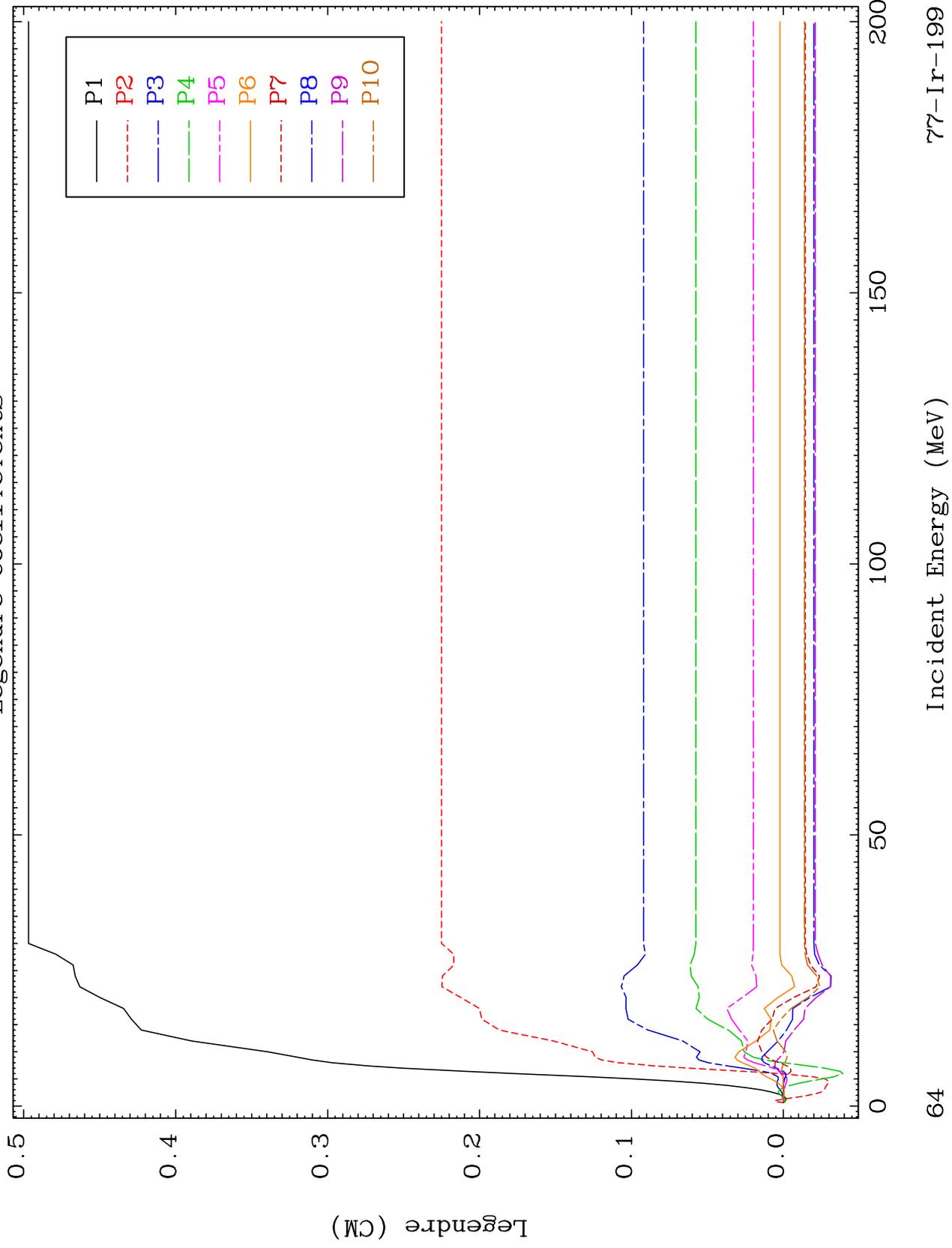




MAT 7749

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

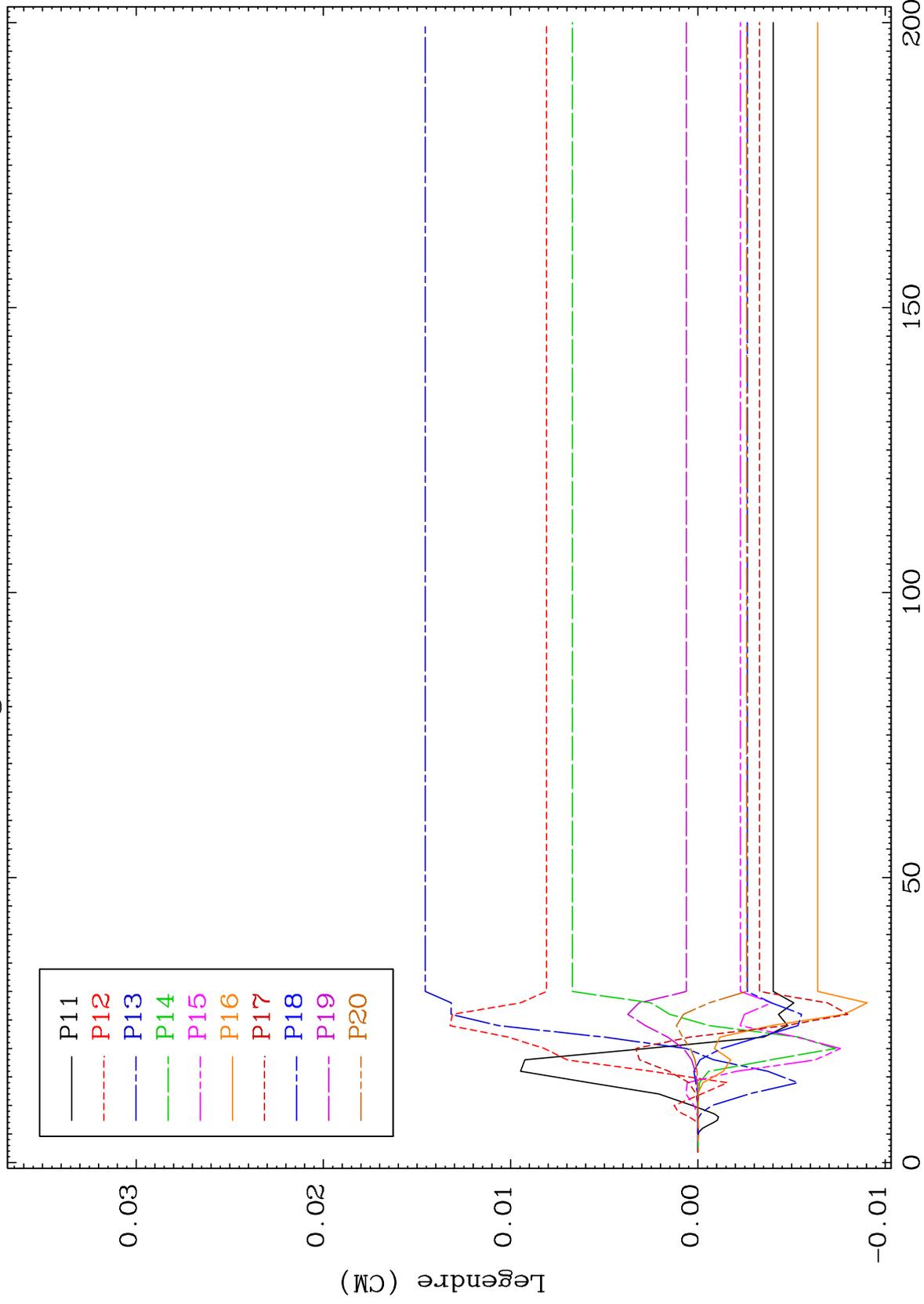
77-Ir-199



MAT 7749

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

77-Ir-199



65

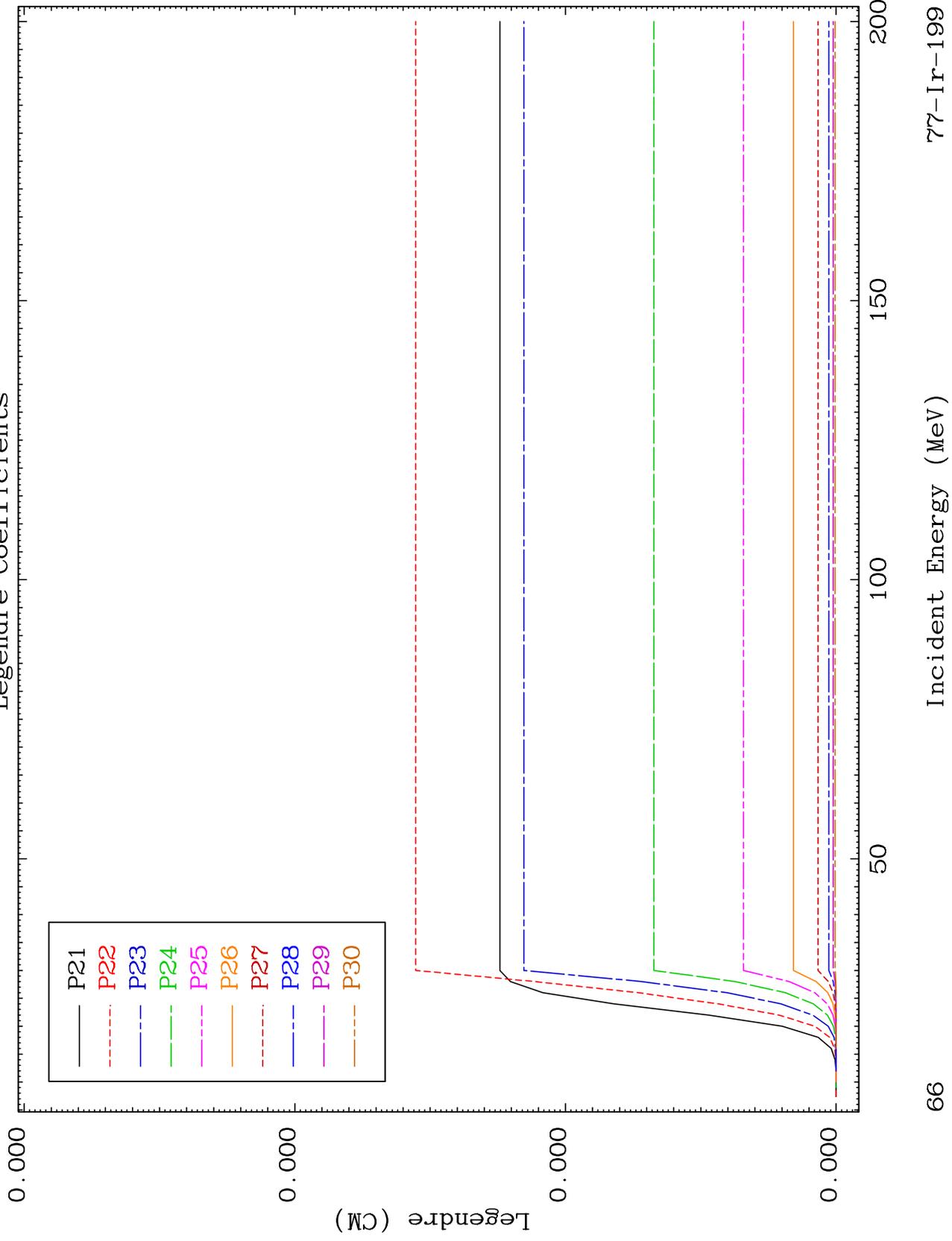
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



66

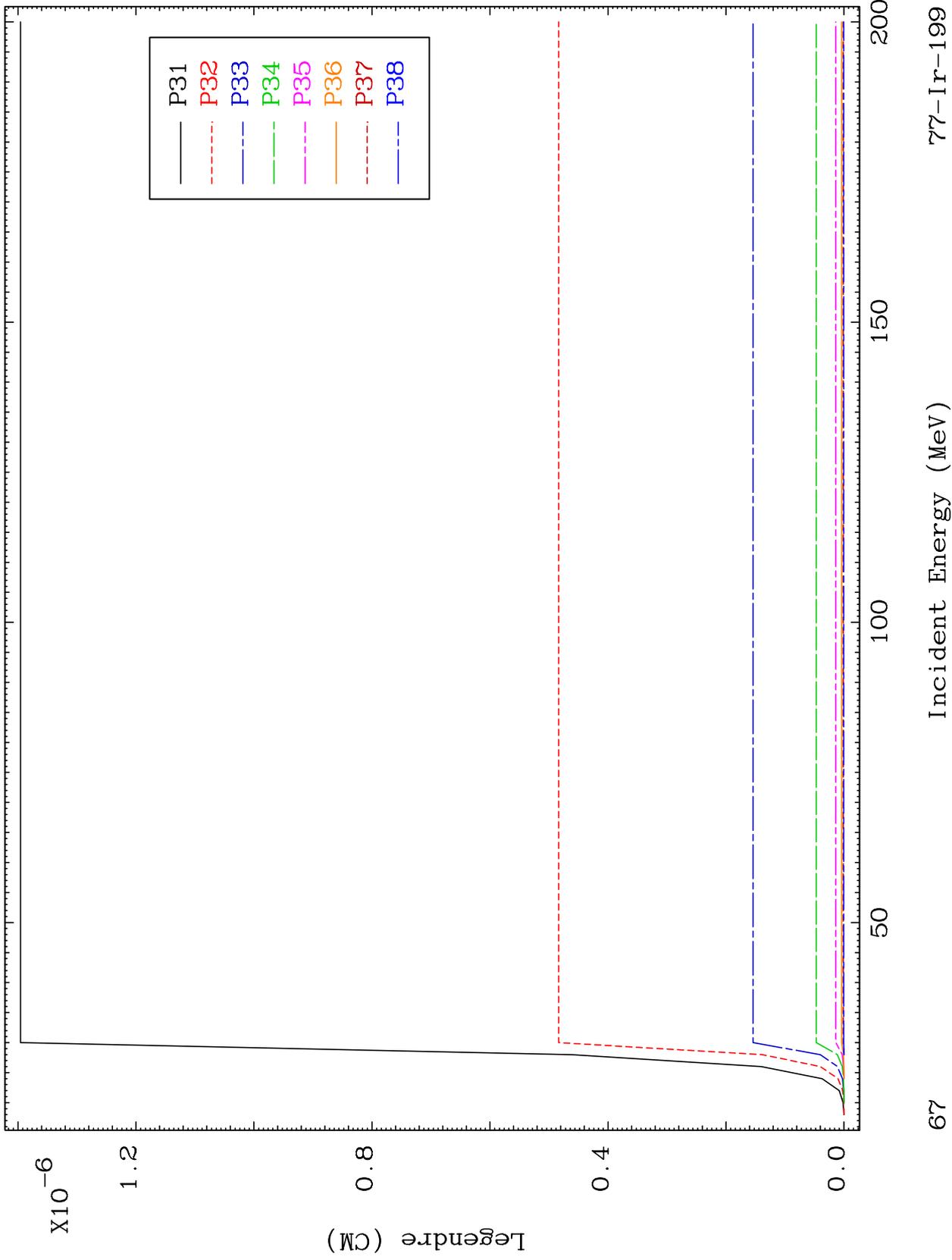
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

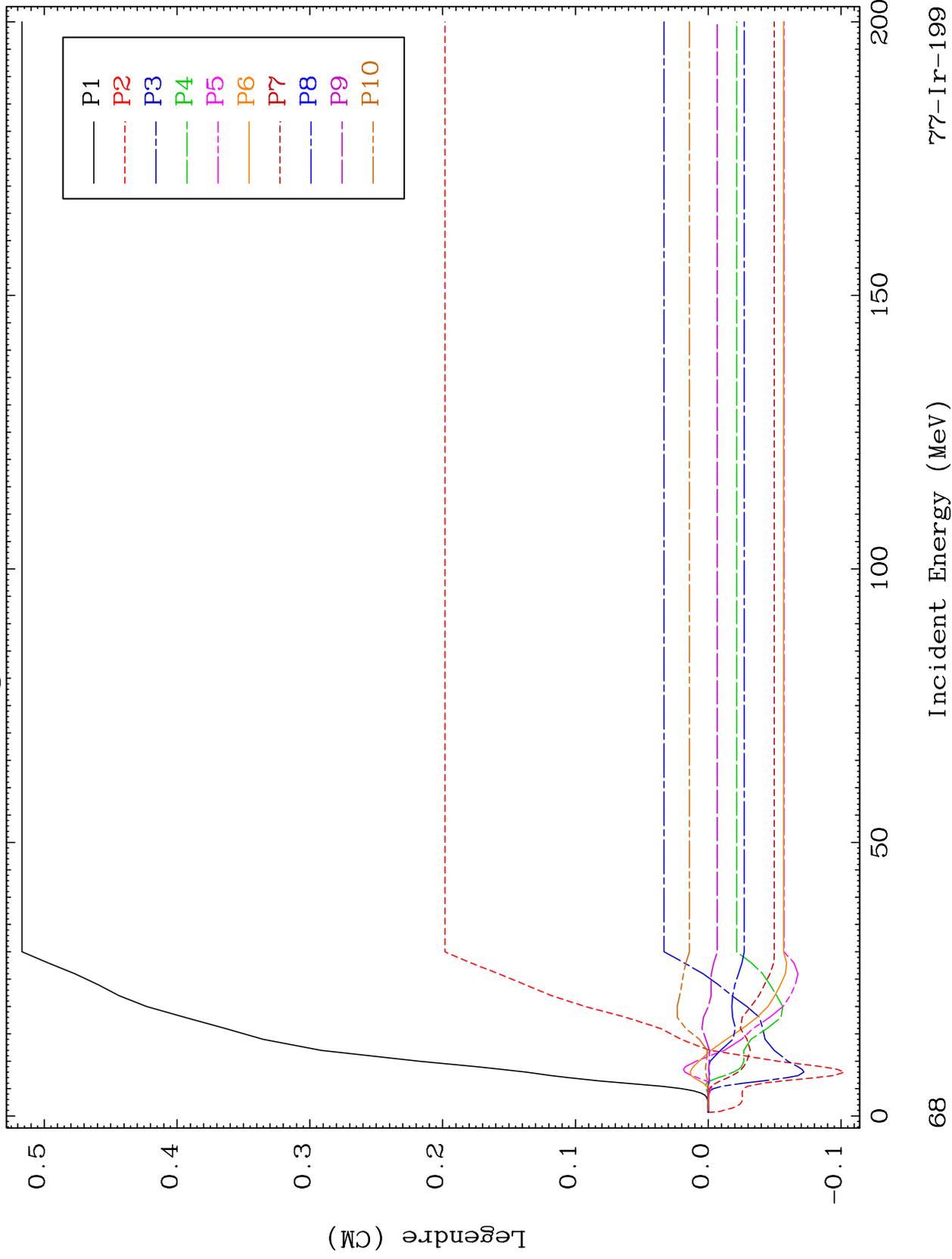
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MAT 7749

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

77-Ir-199



77-Ir-199

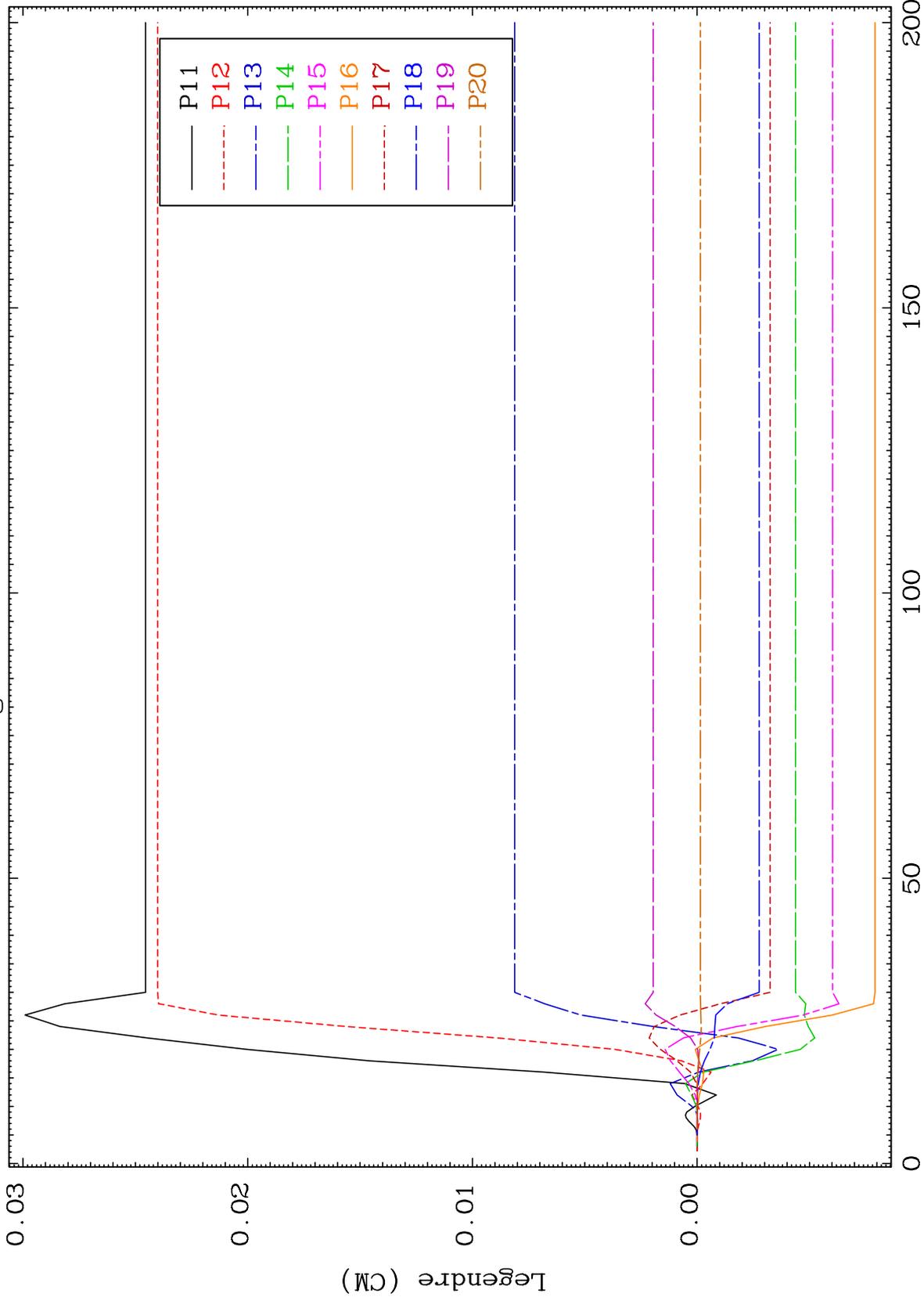
Incident Energy (MeV)

68

MAT 7749

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

77-Ir-199



69

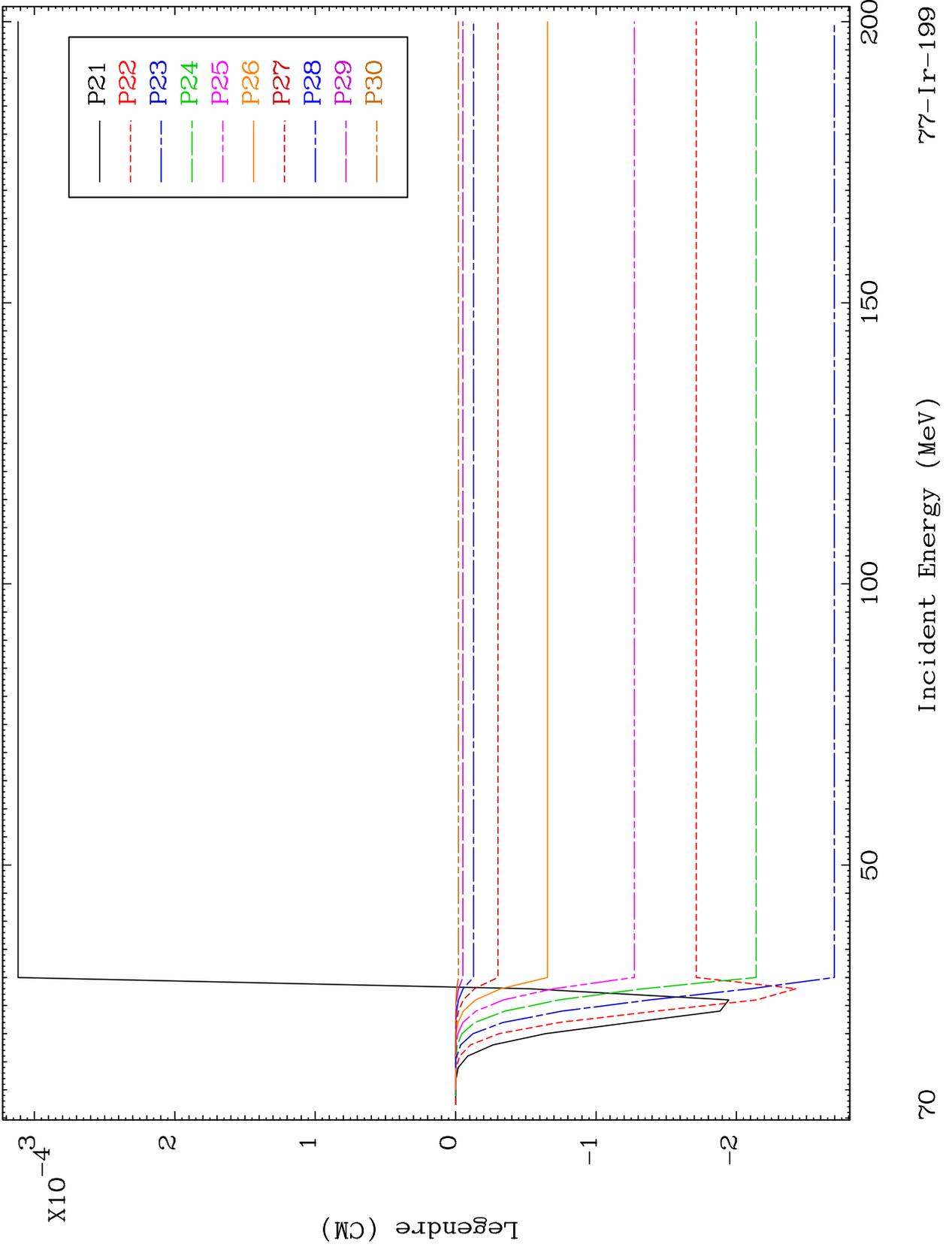
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

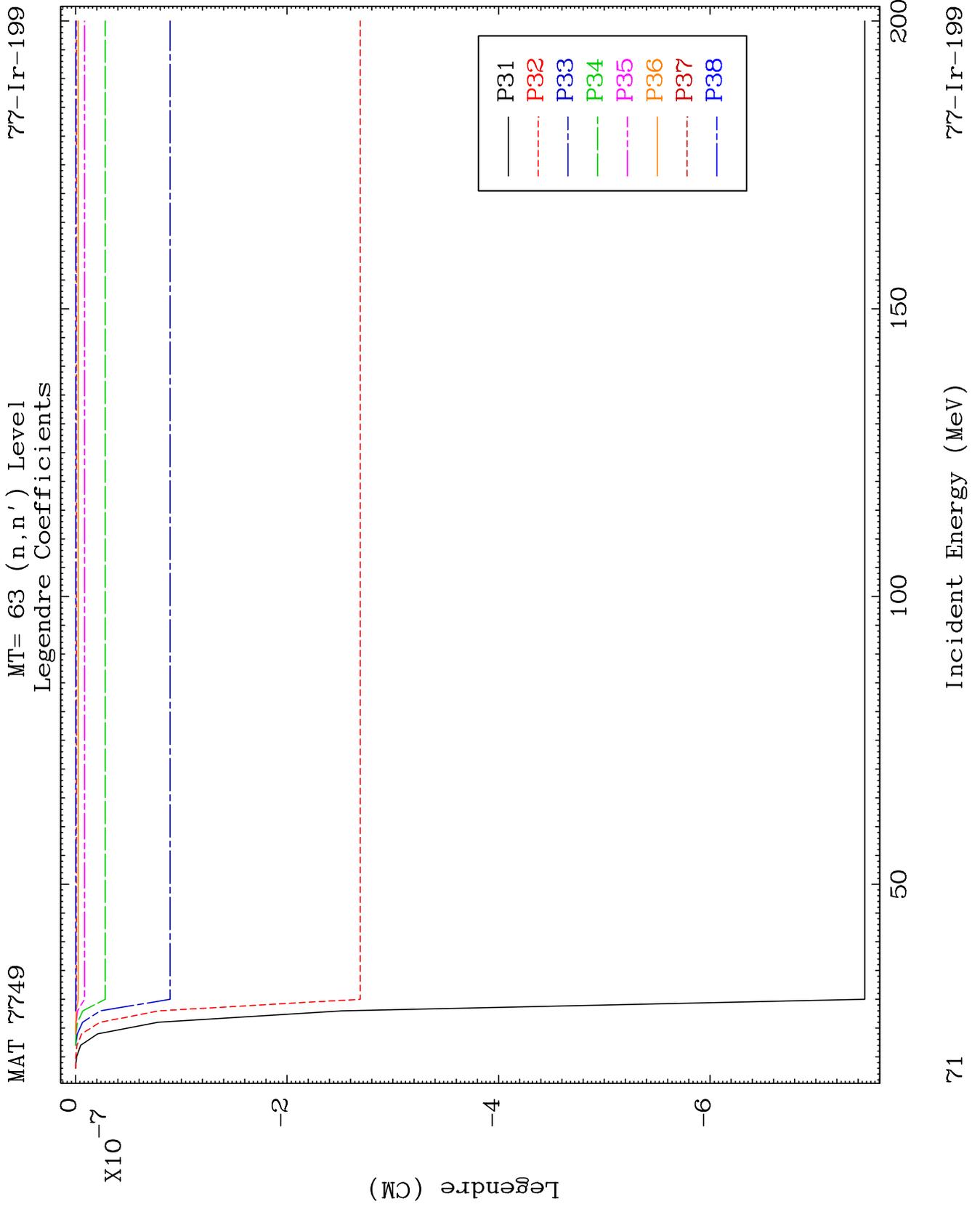
77-Ir-199



70

Incident Energy (MeV)

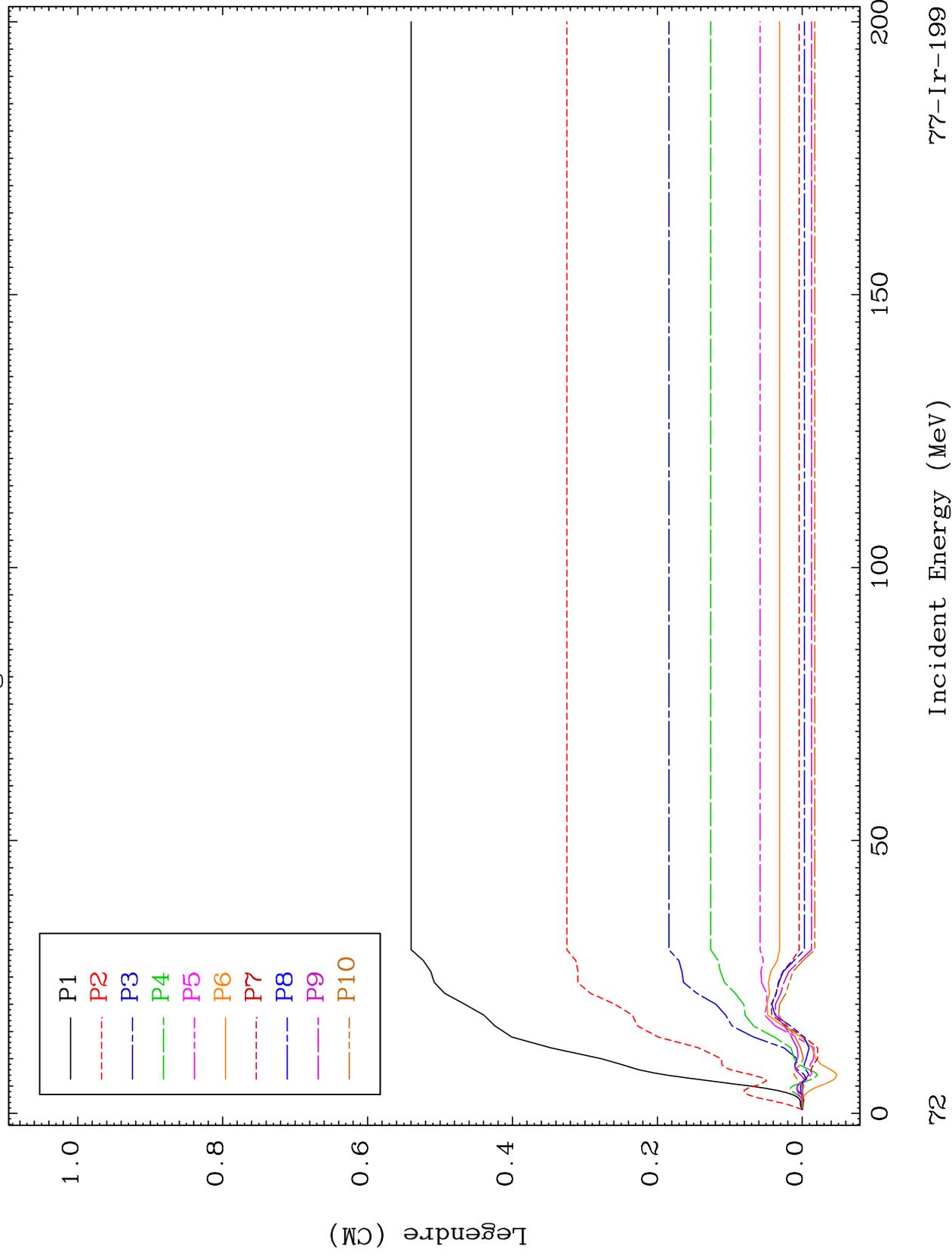
77-Ir-199



MAT 7749

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

77-Ir-199

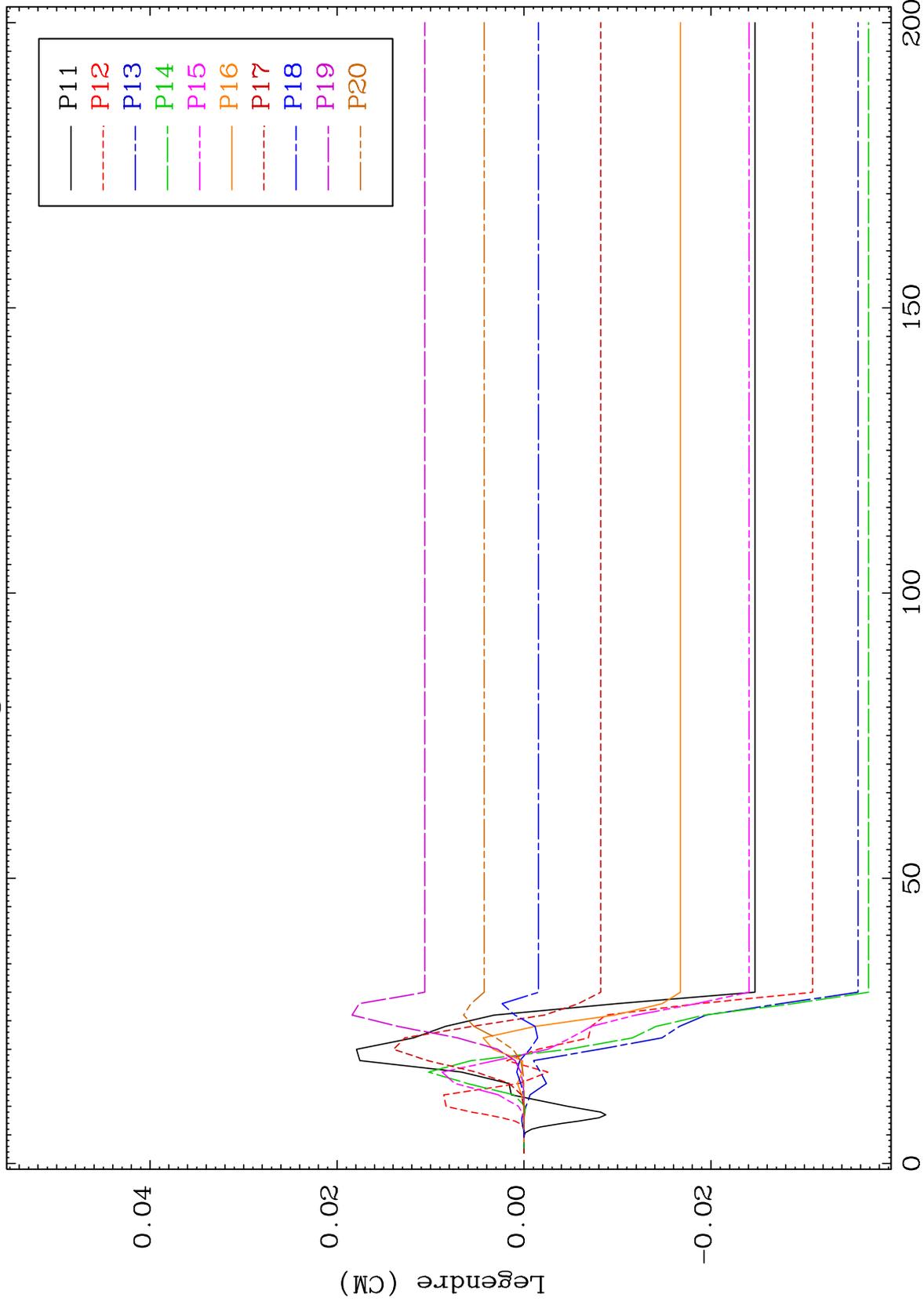


72

MAT 7749

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

77-Ir-199



73

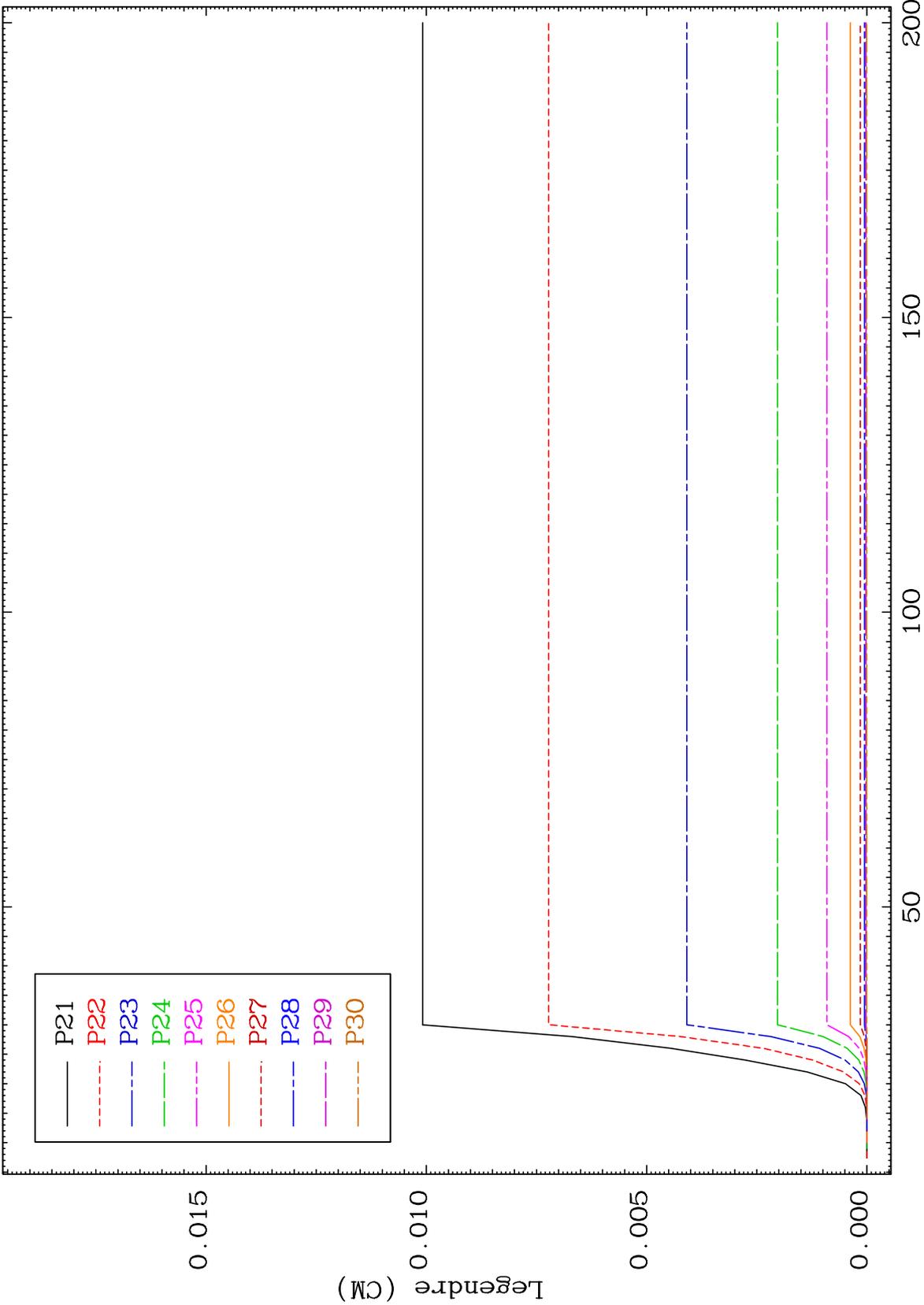
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



74

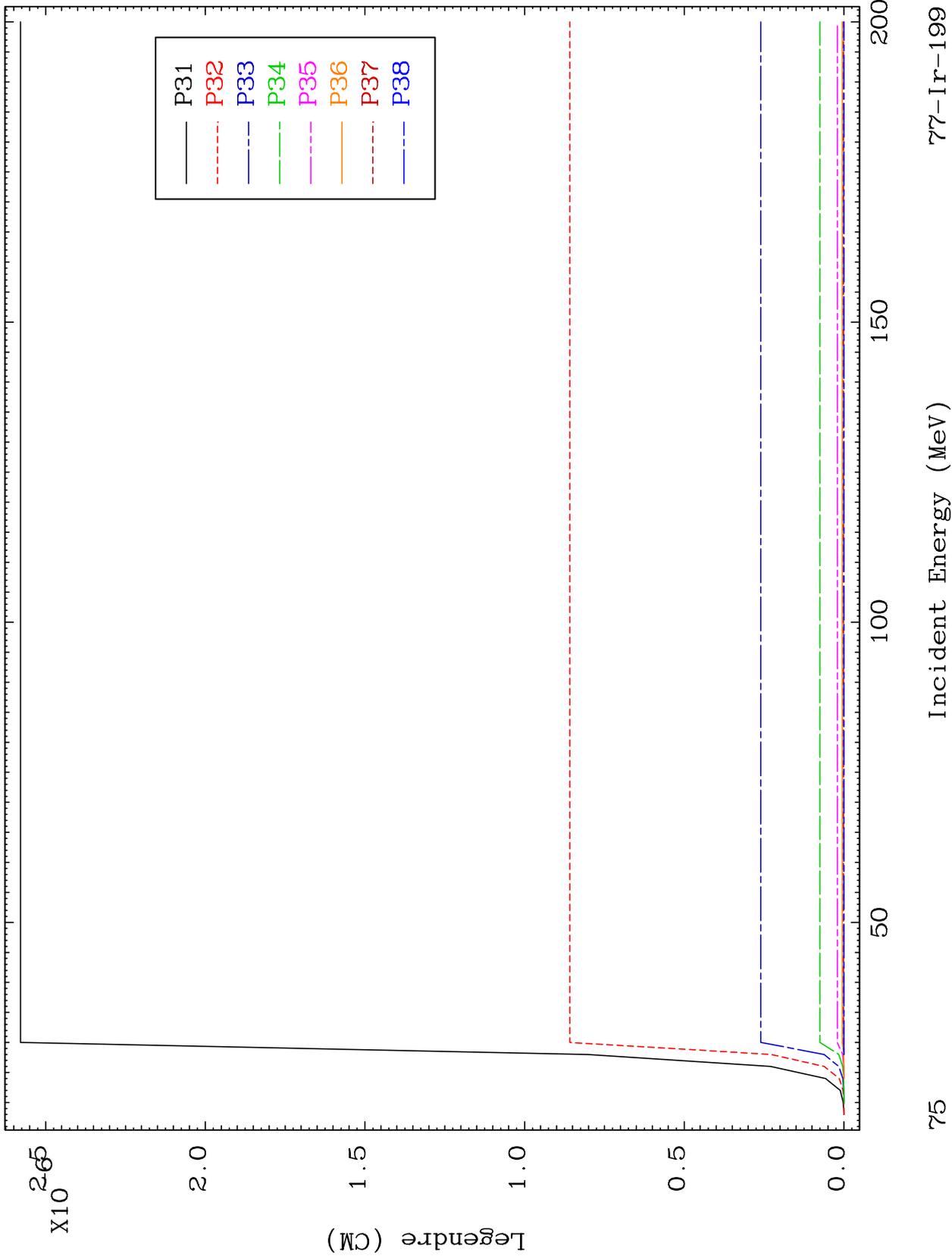
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



75

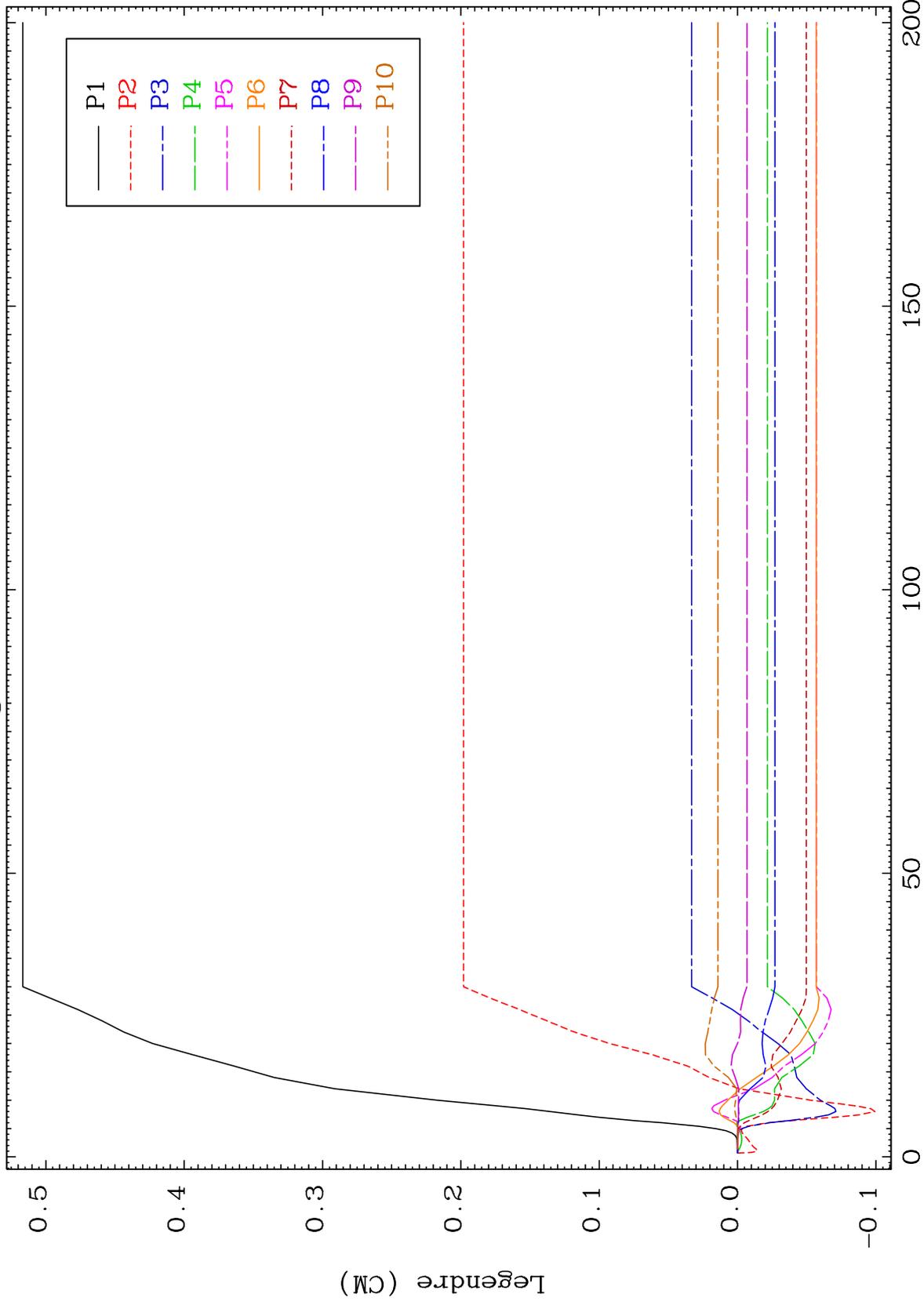
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



76

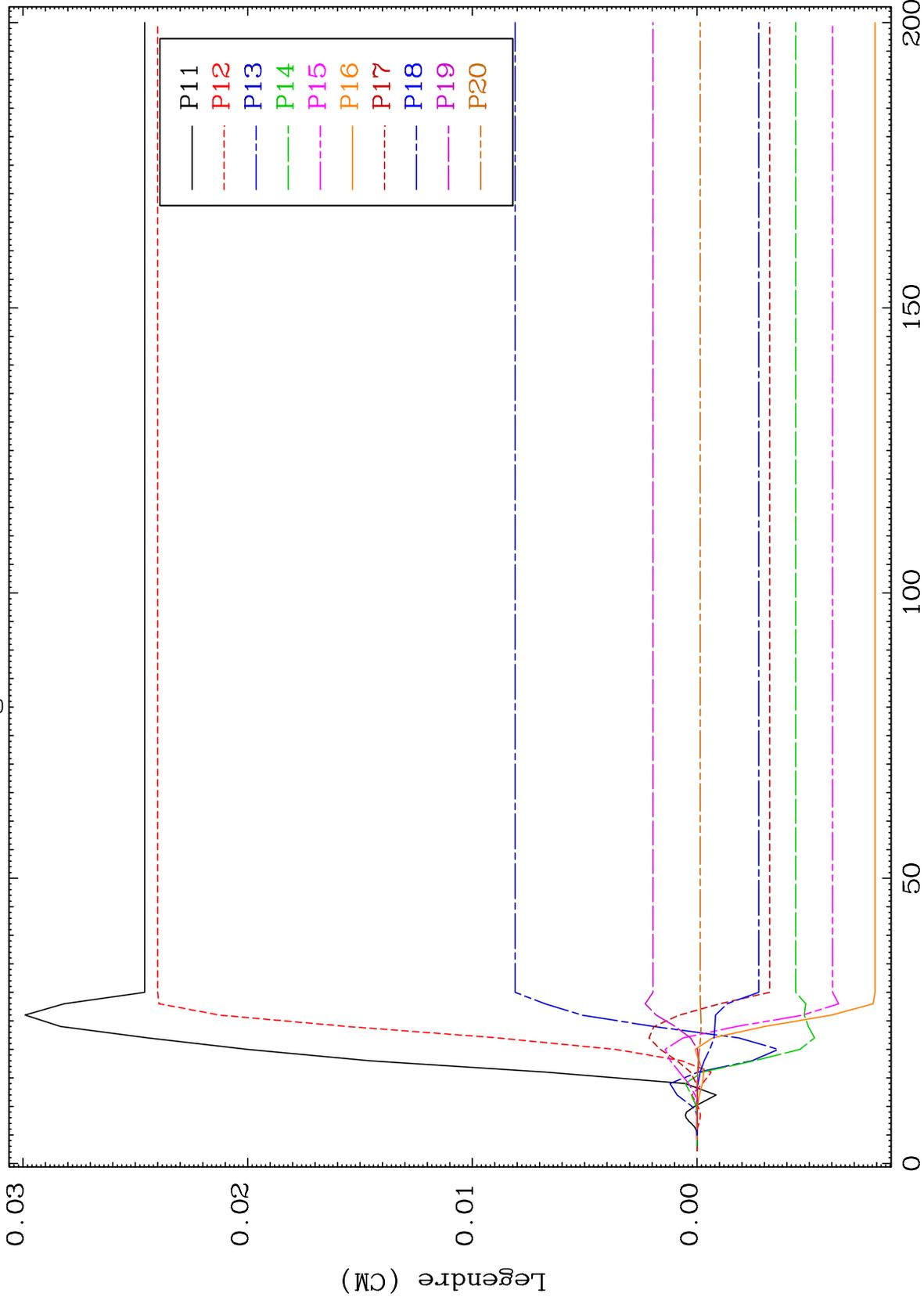
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

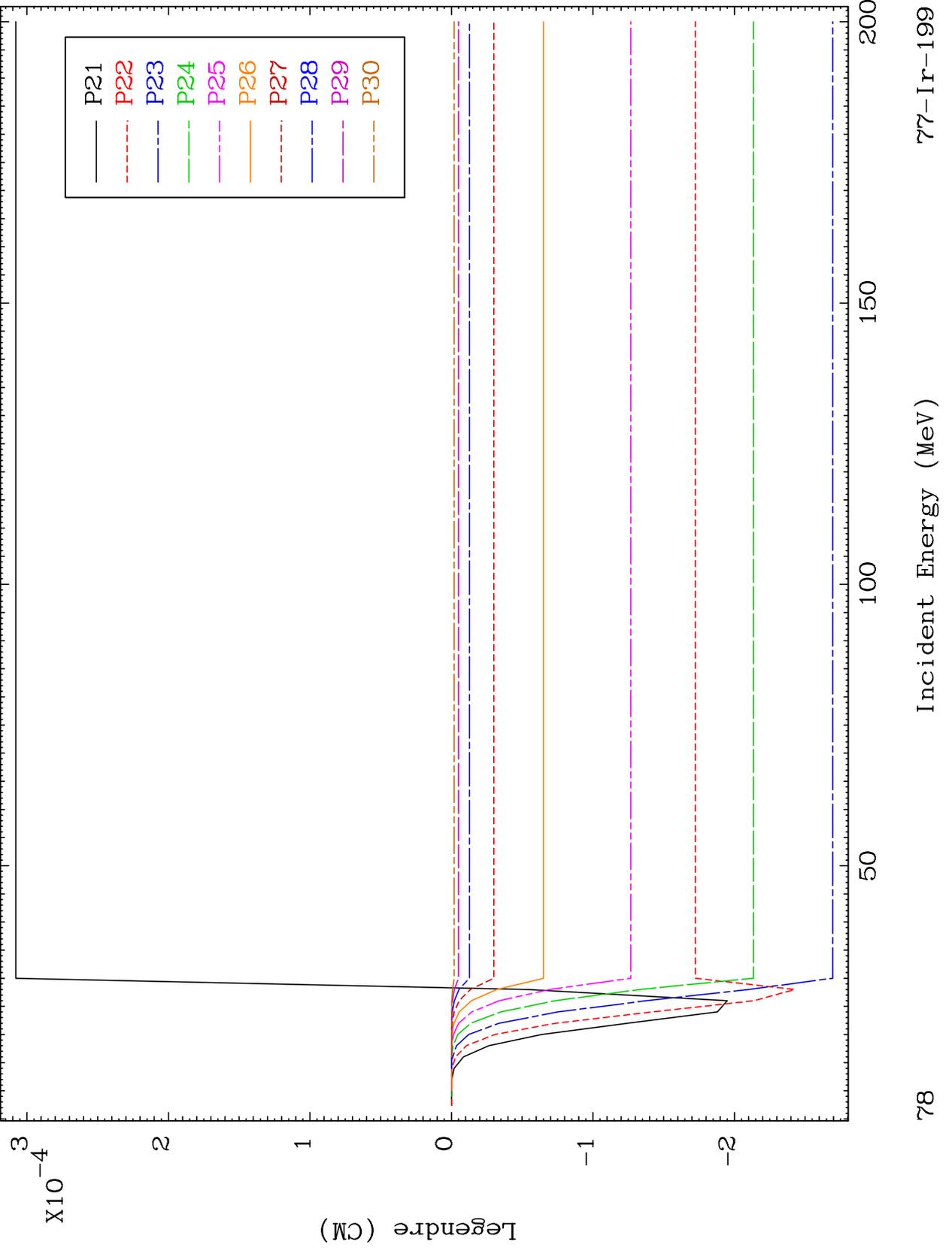
77-Ir-199

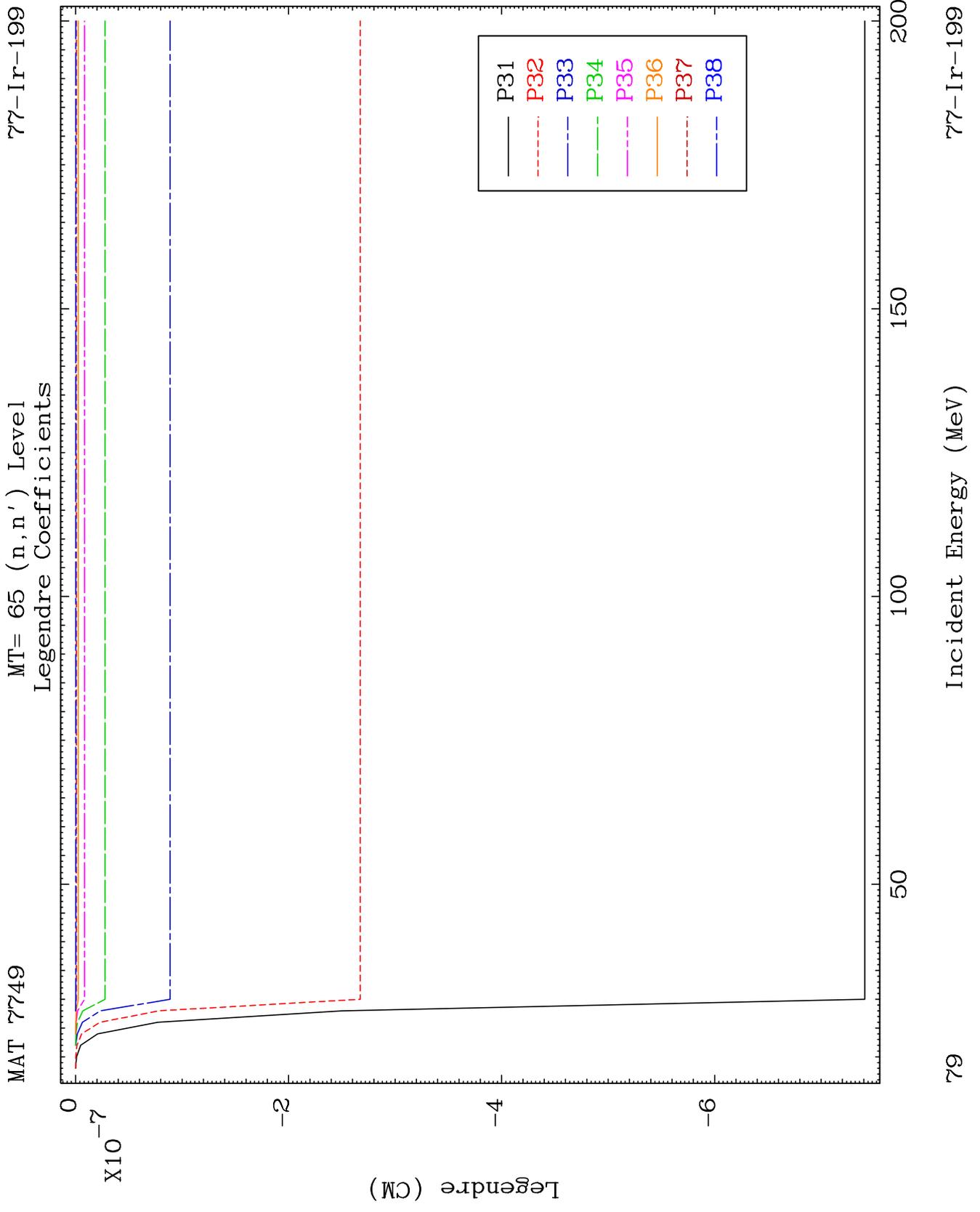


77

Incident Energy (MeV)

77-Ir-199

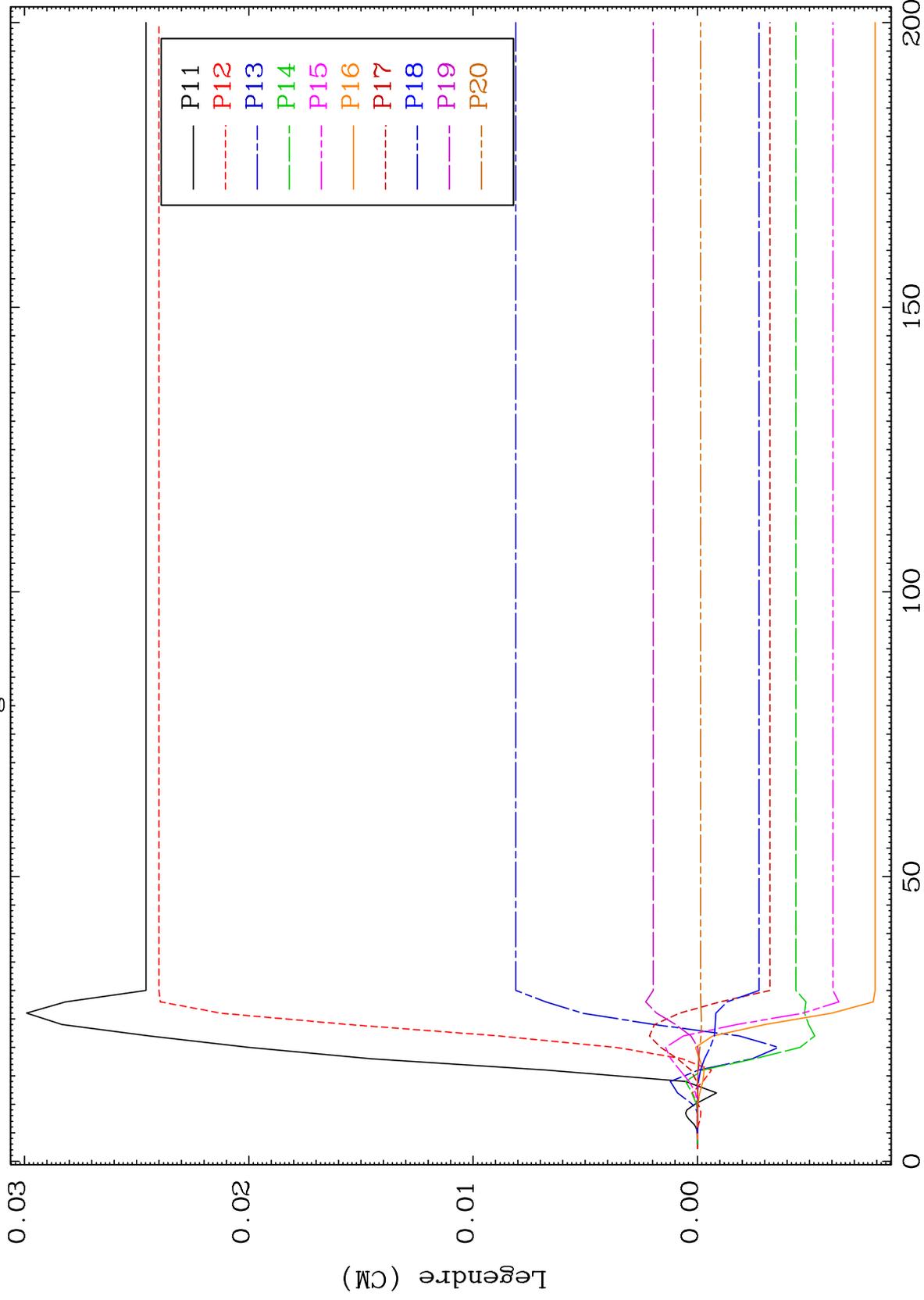




MAT 7749

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

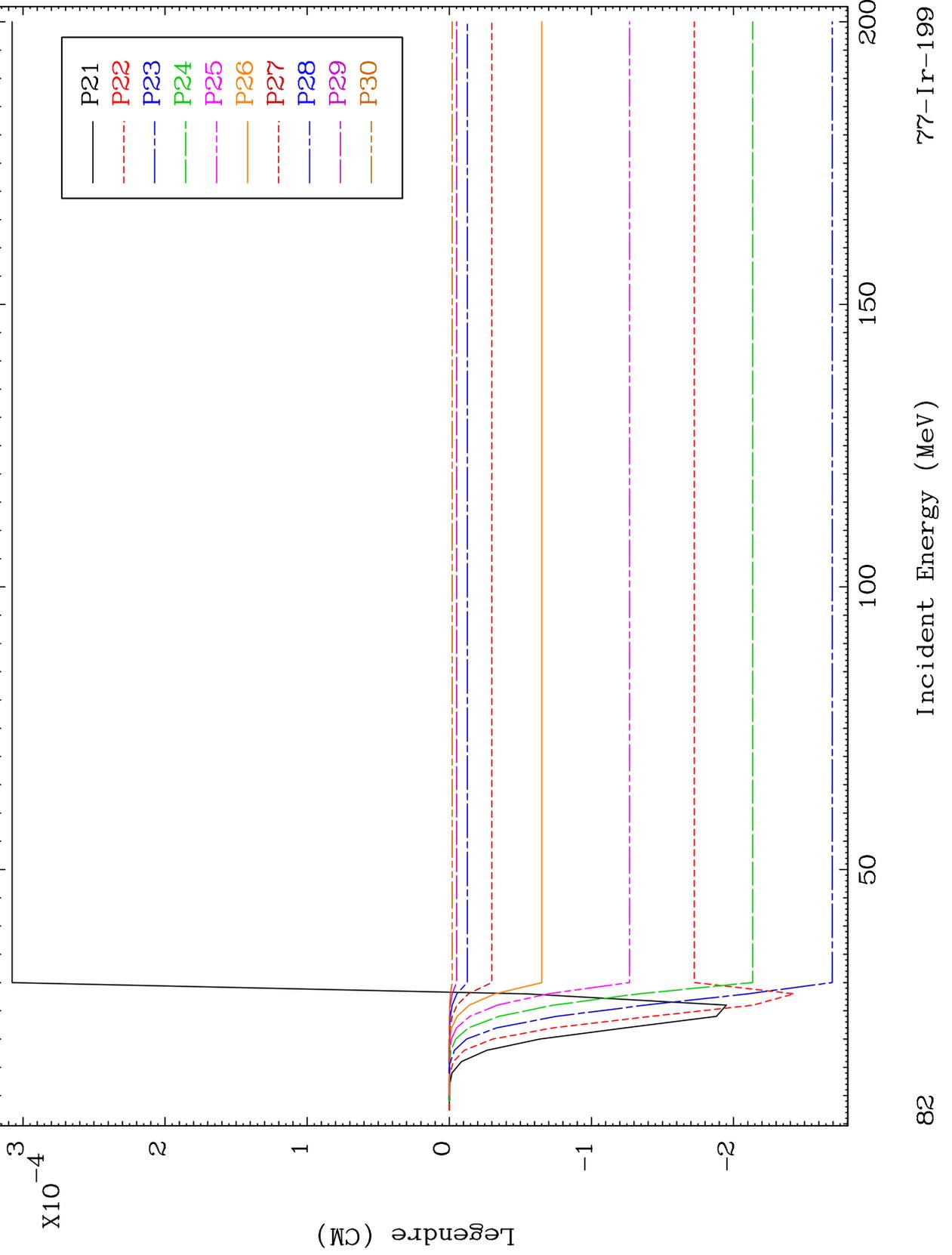
77-Ir-199



81

Incident Energy (MeV)

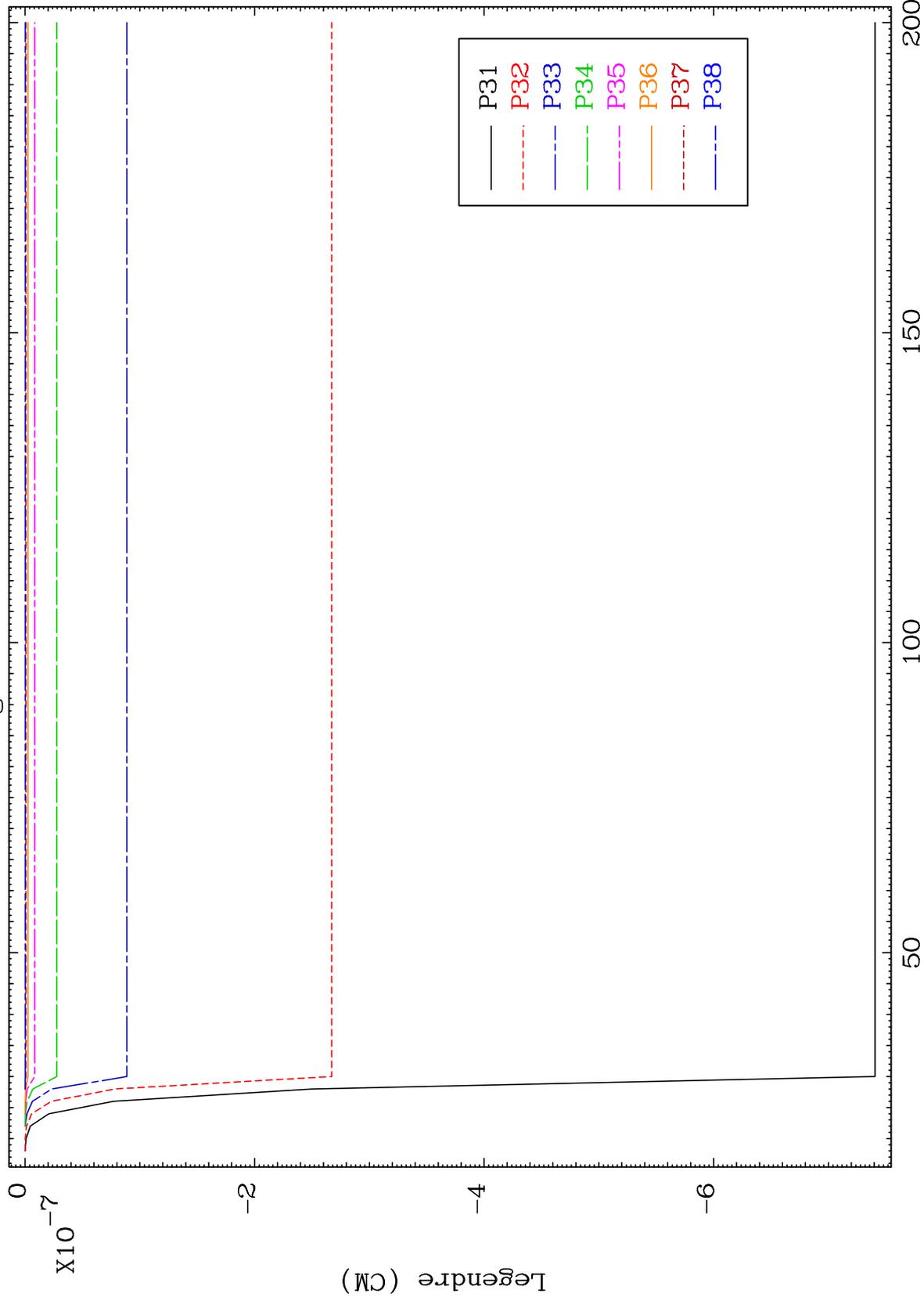
77-Ir-199



MAT 7749

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

77-Ir-199



83

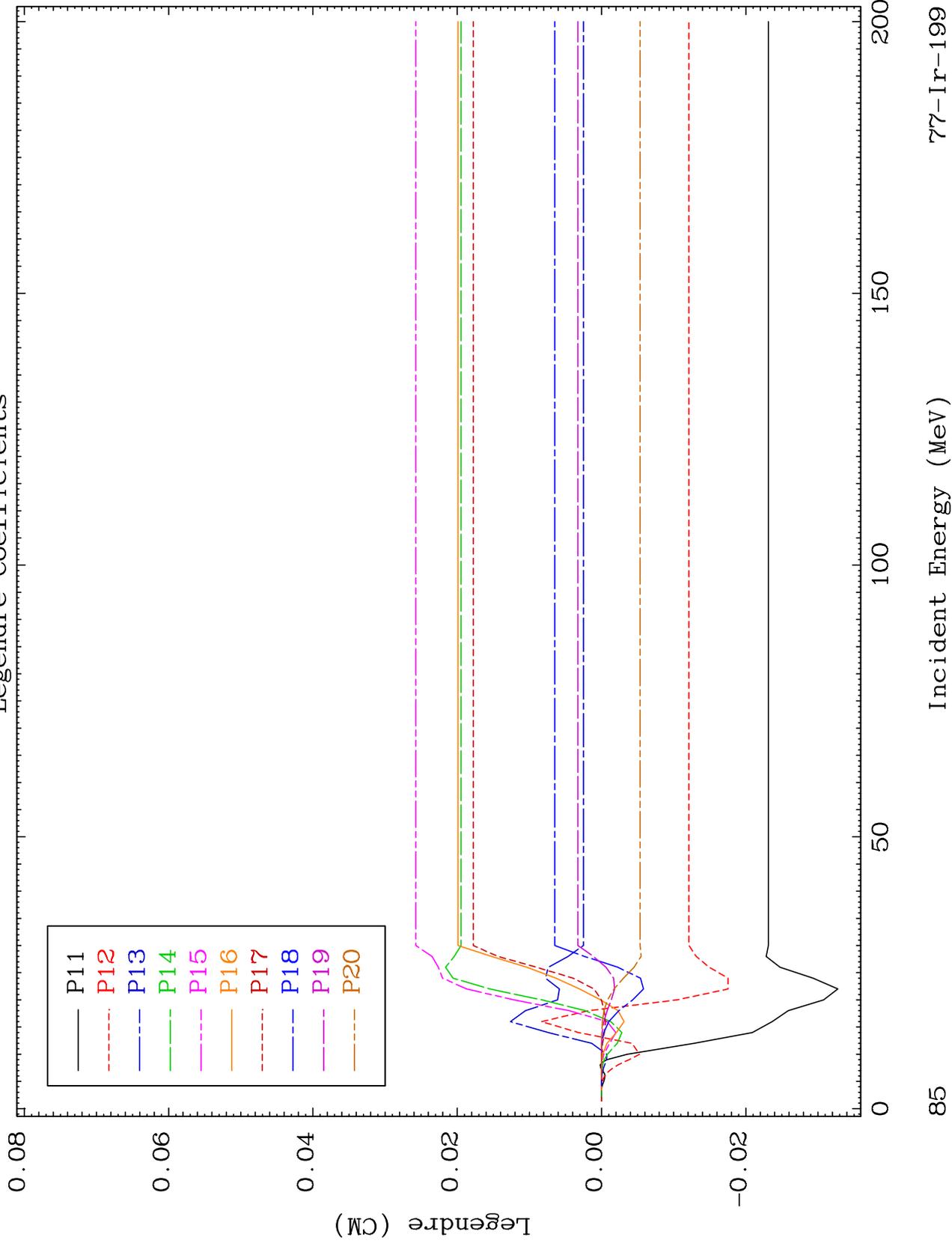
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

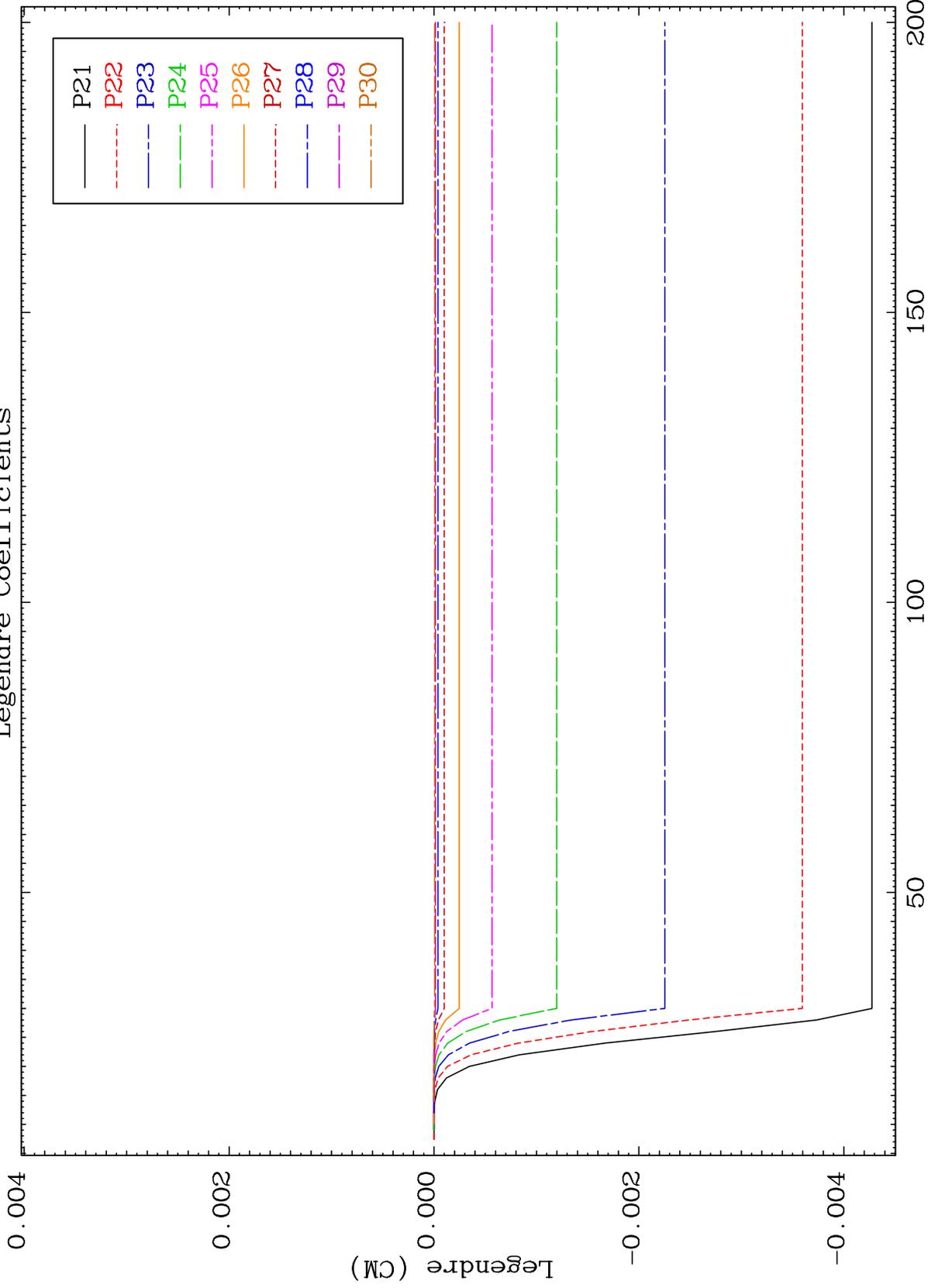
77-Ir-199

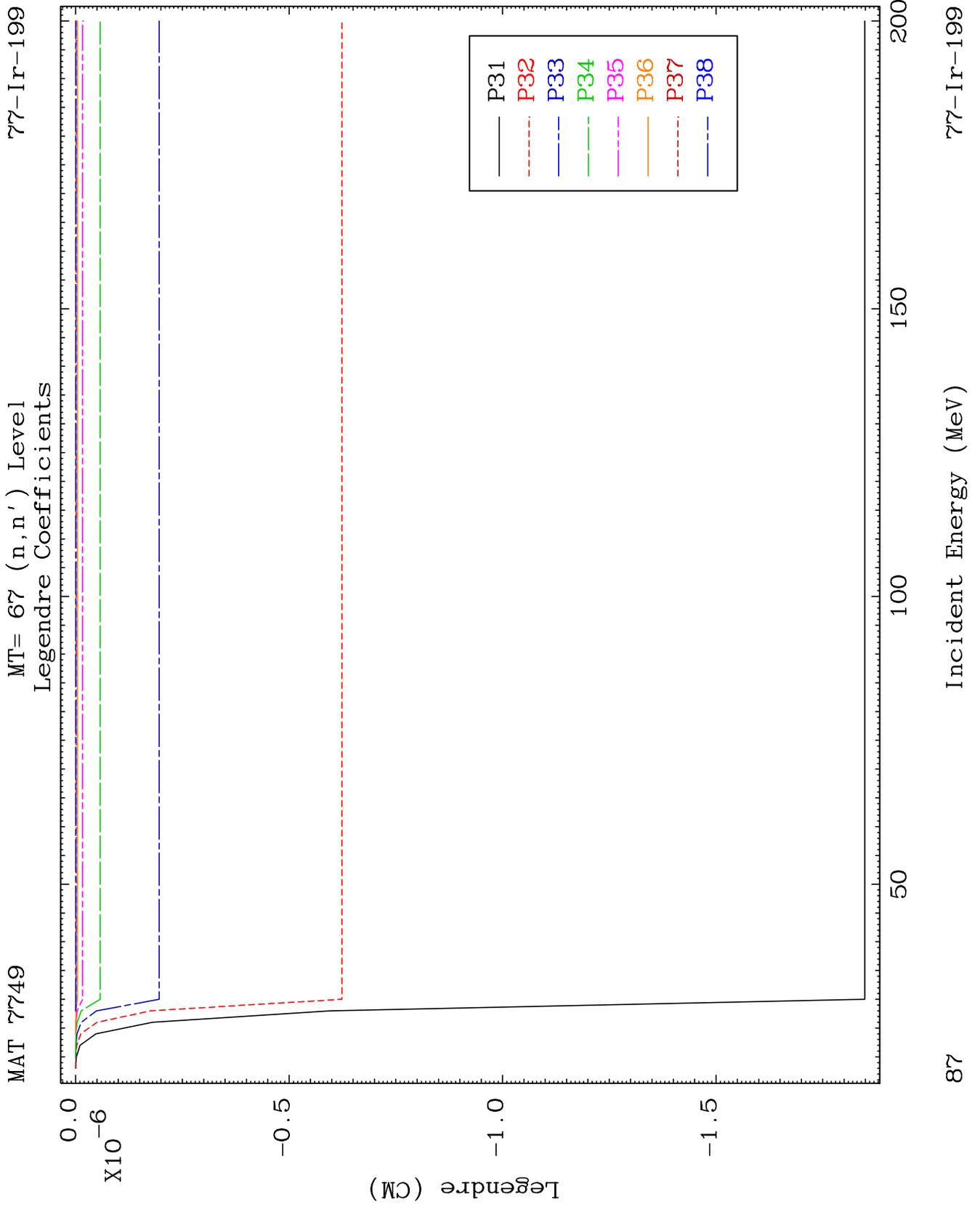


85

Incident Energy (MeV)

77-Ir-199

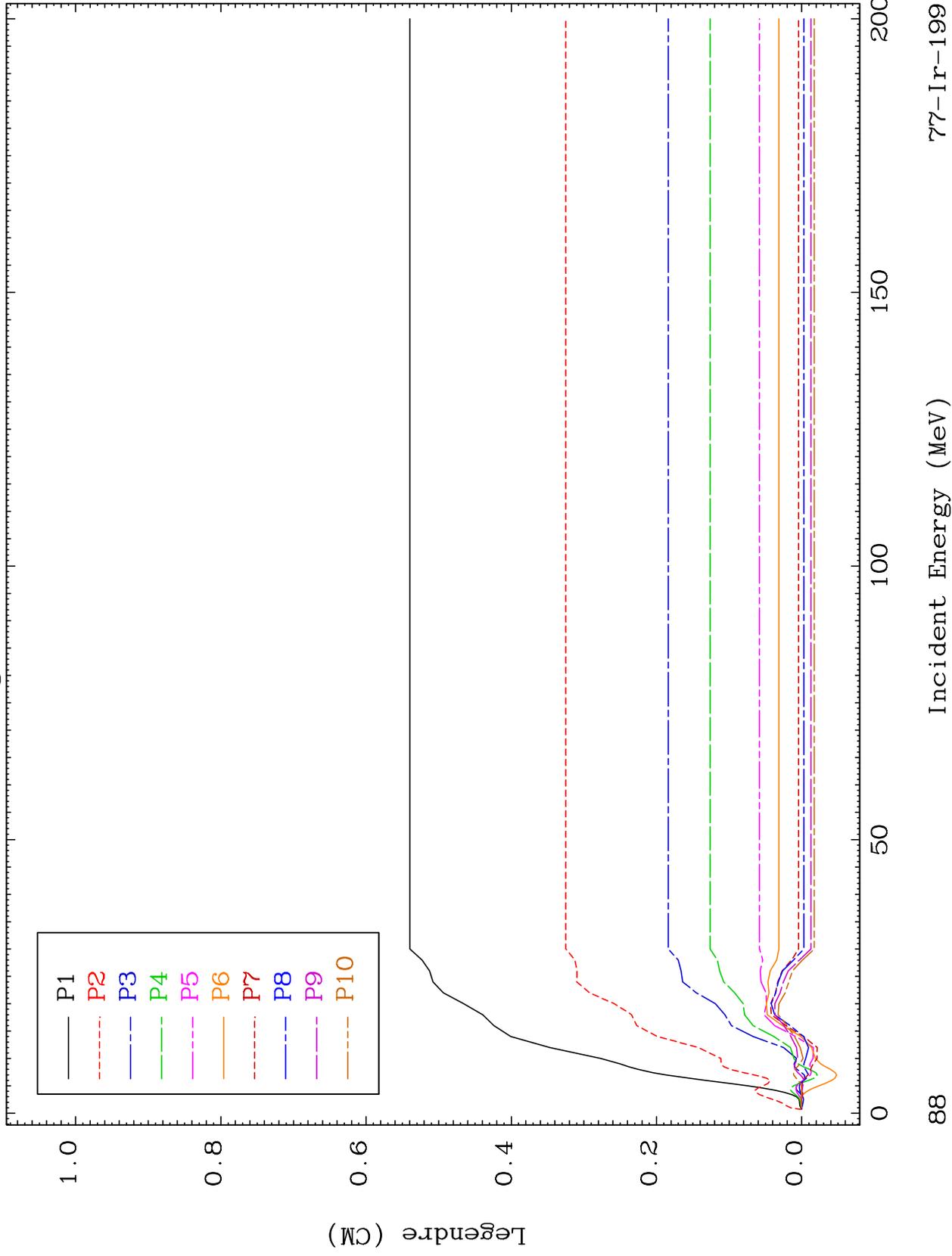




MAT 7749

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

77-Ir-199

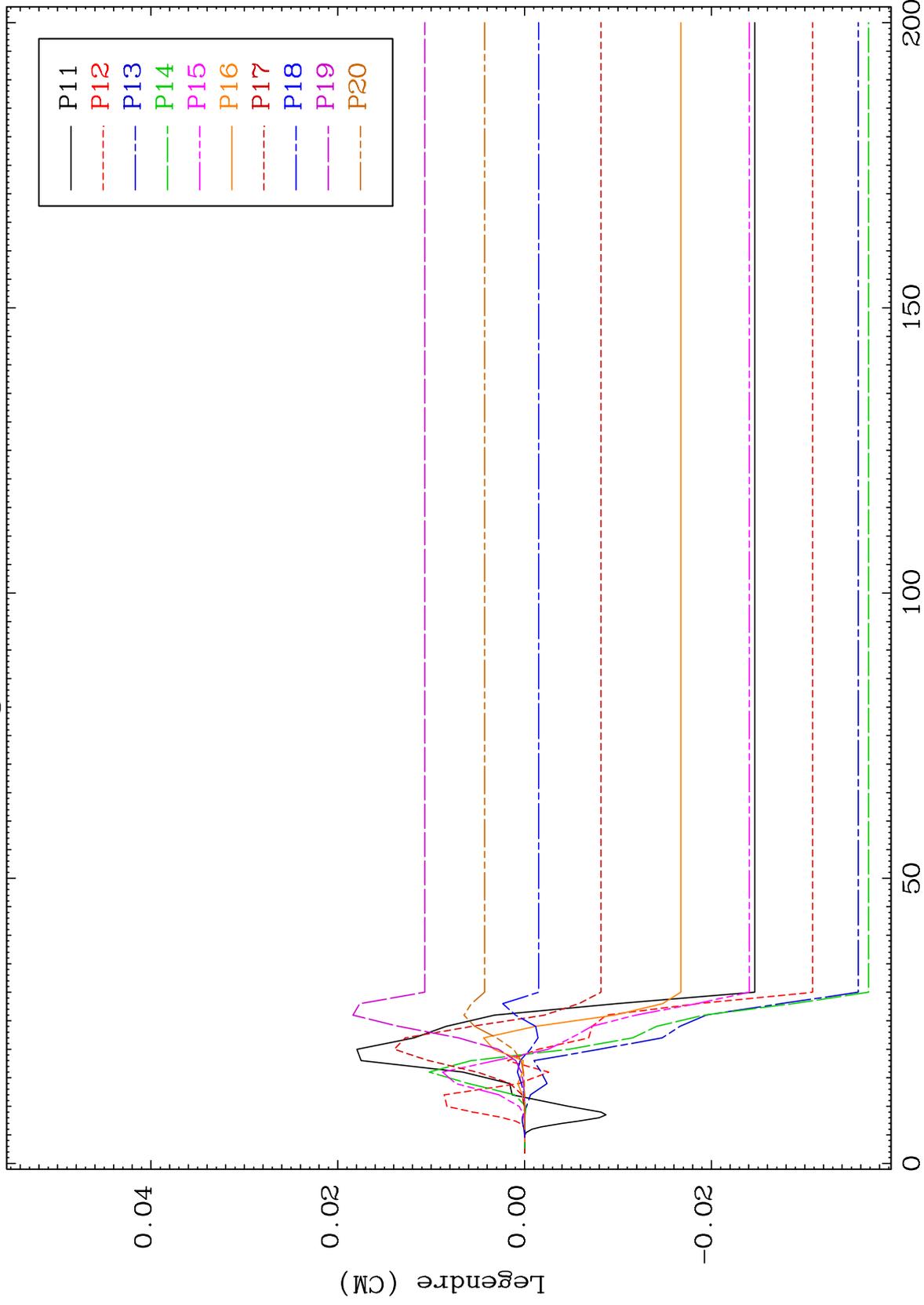


88

MAT 7749

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

77-Ir-199



89

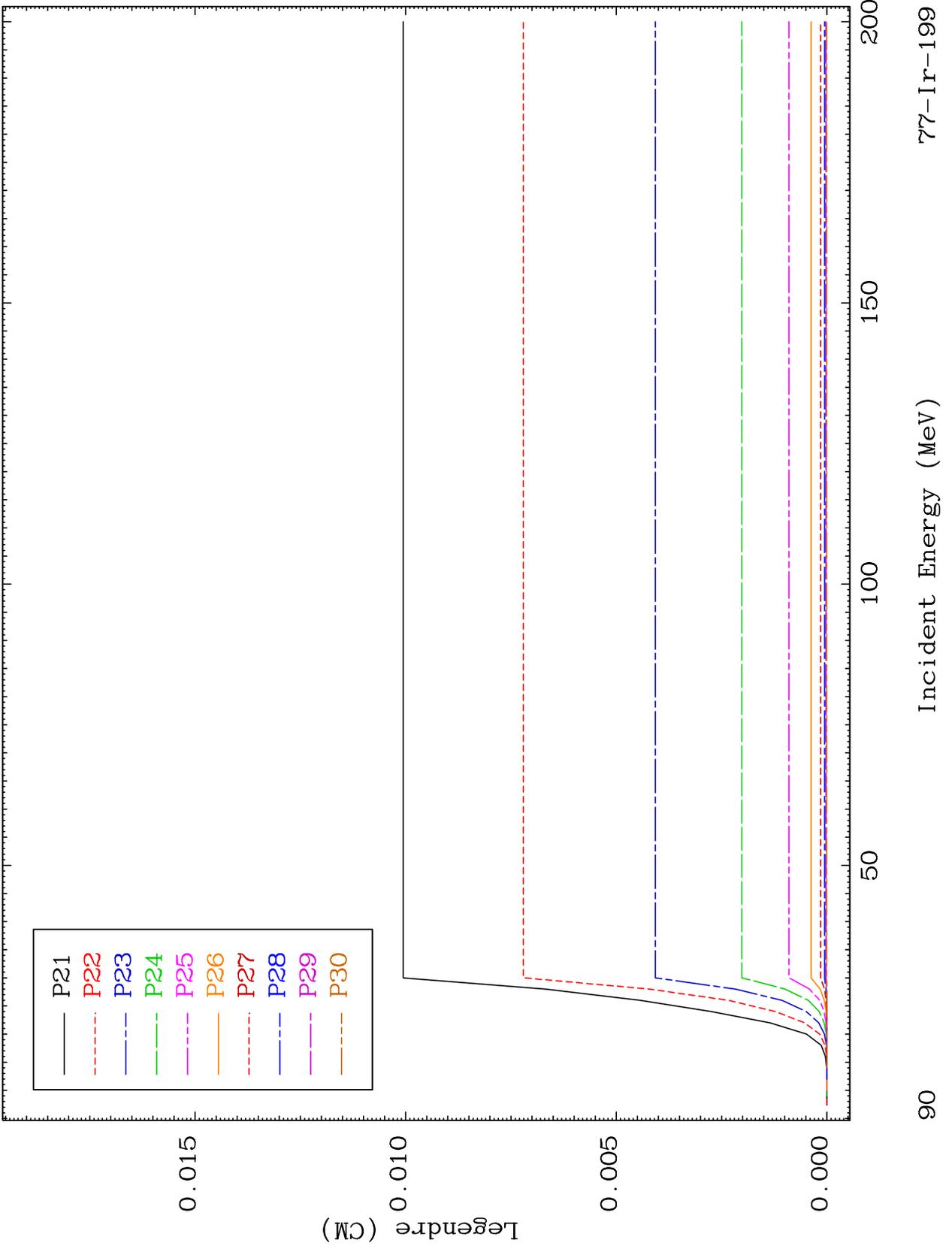
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

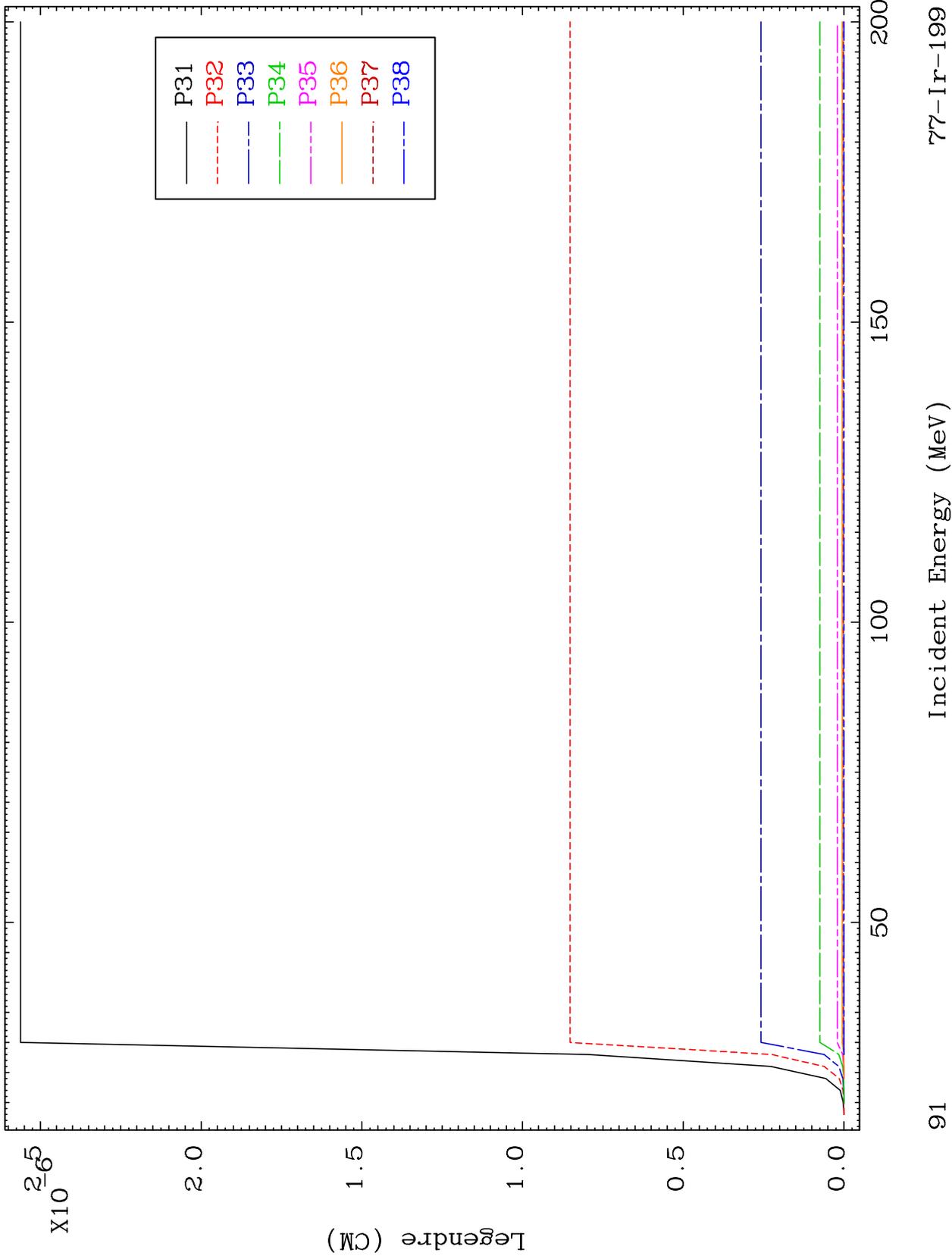
77-Ir-199



77-Ir-199

Incident Energy (MeV)

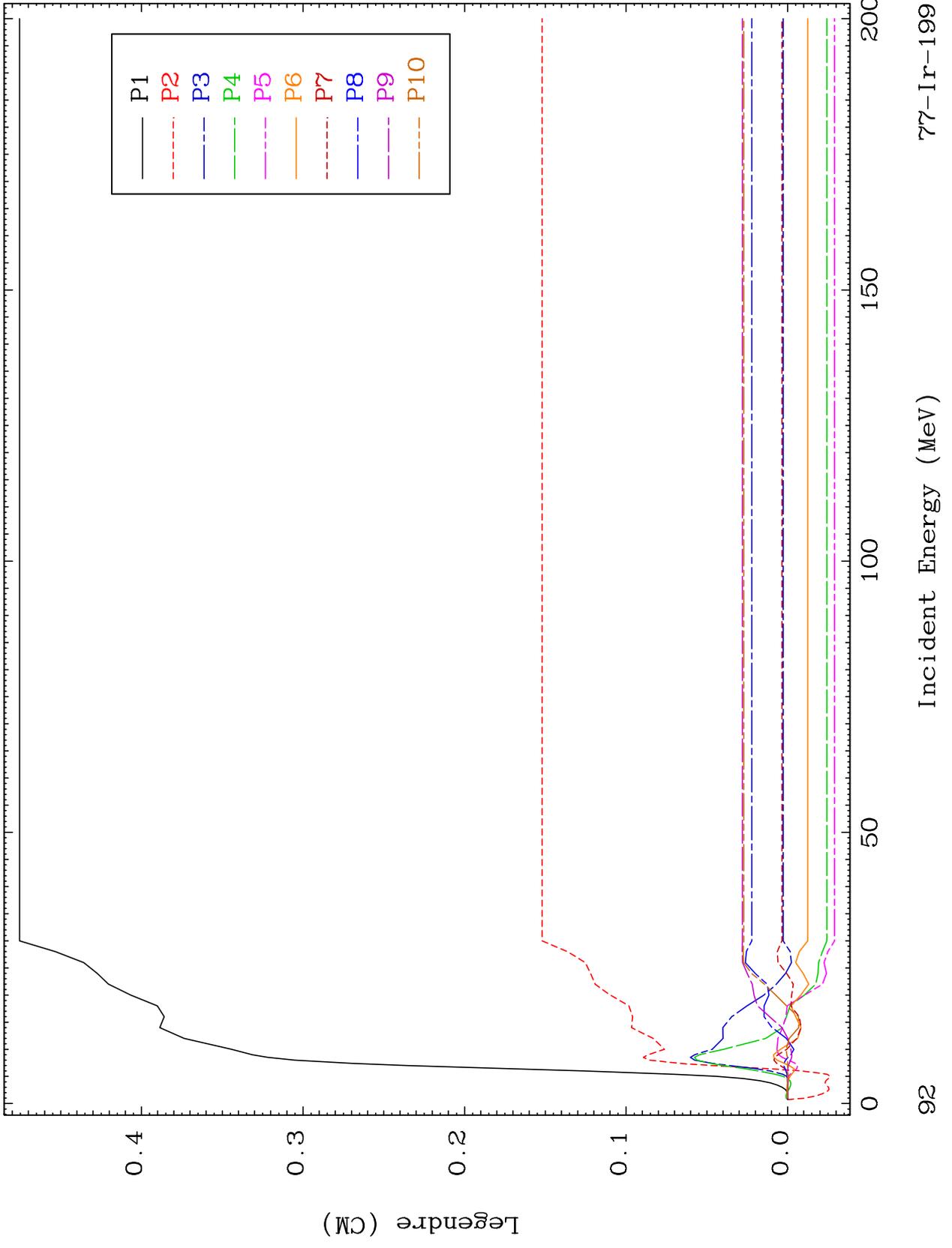
90



MAT 7749

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

77-Ir-199



77-Ir-199

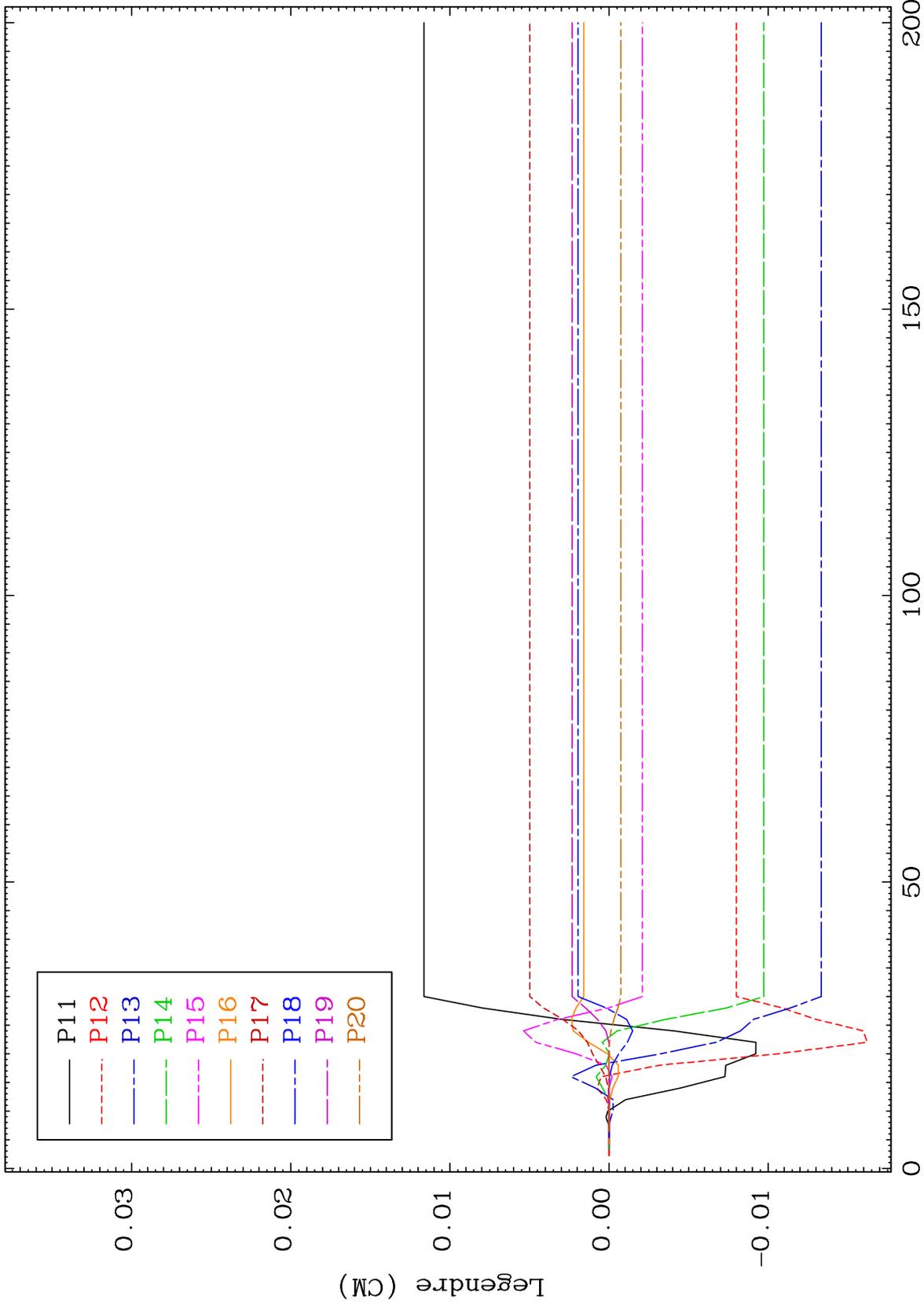
Incident Energy (MeV)

92

MAT 7749

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

77-Ir-199



93

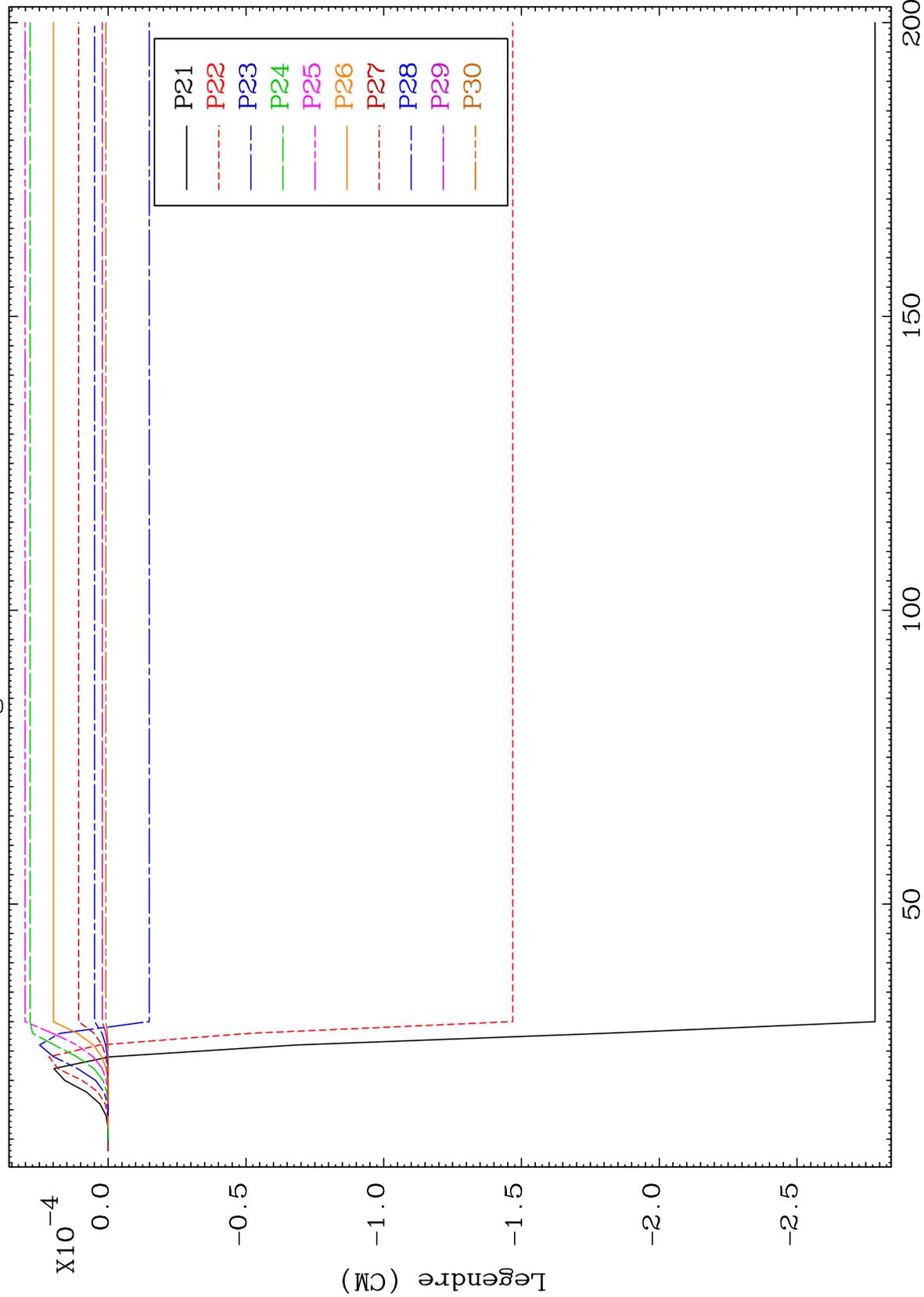
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

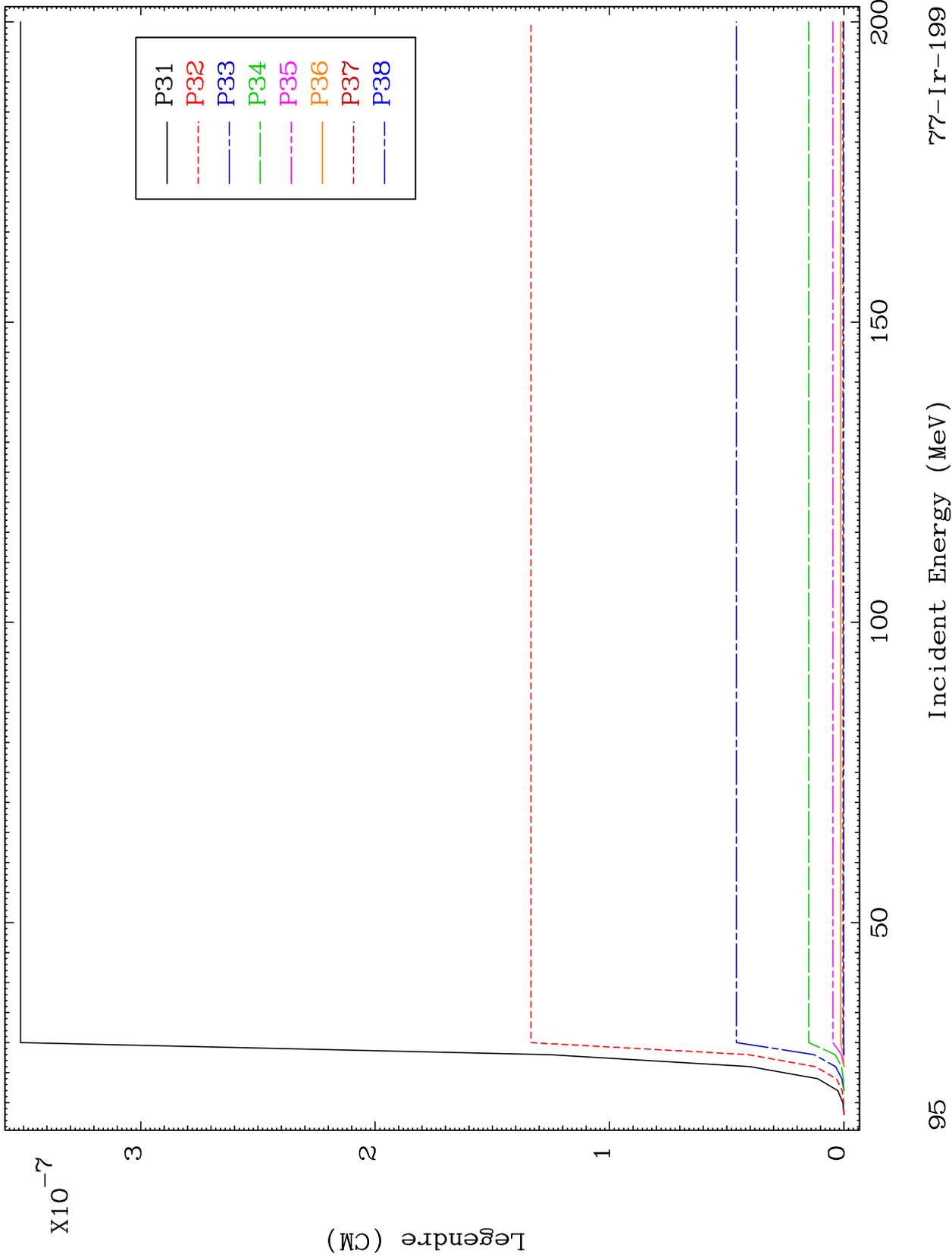
77-Ir-199



MAT 7749

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

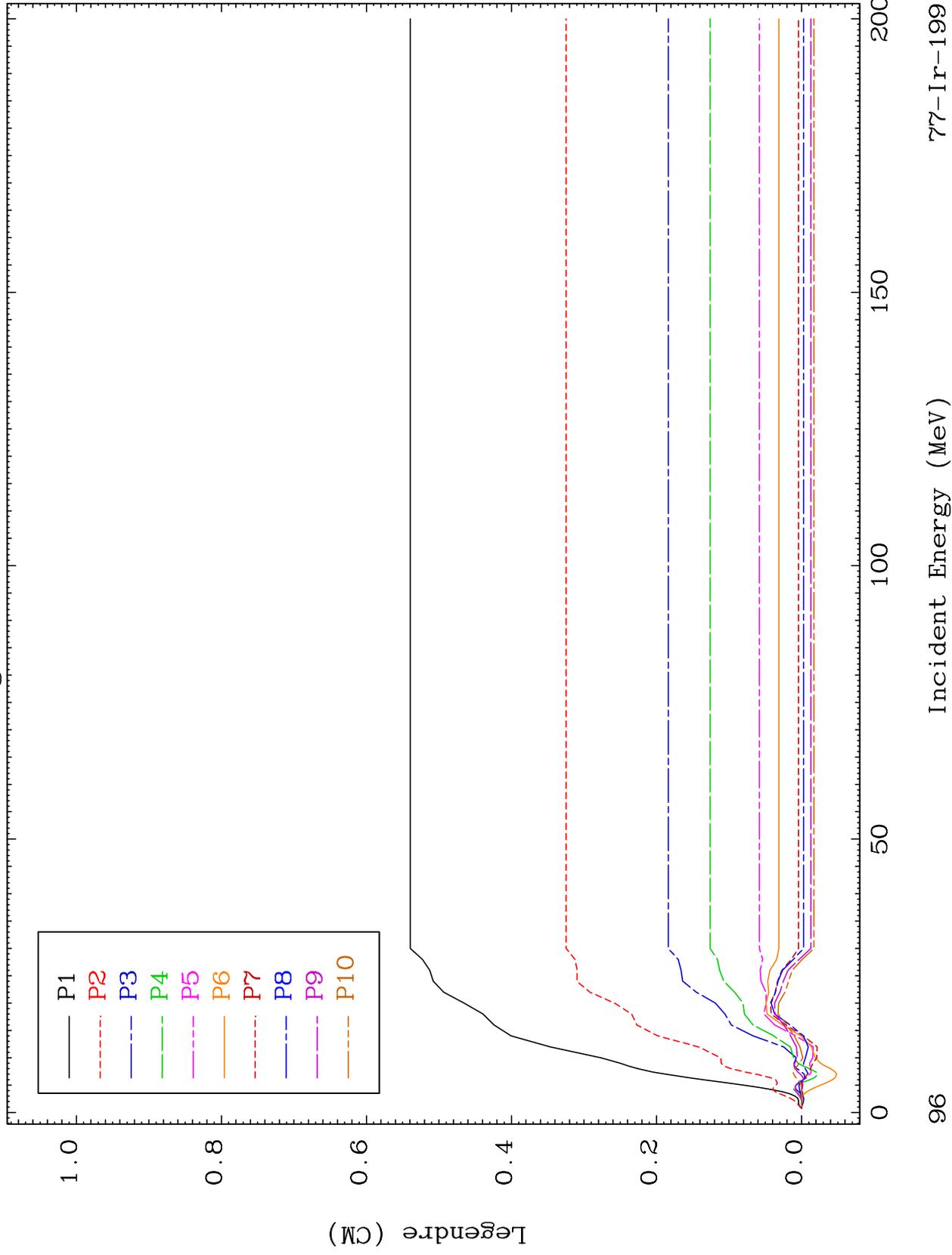
77-Ir-199



MAT 7749

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

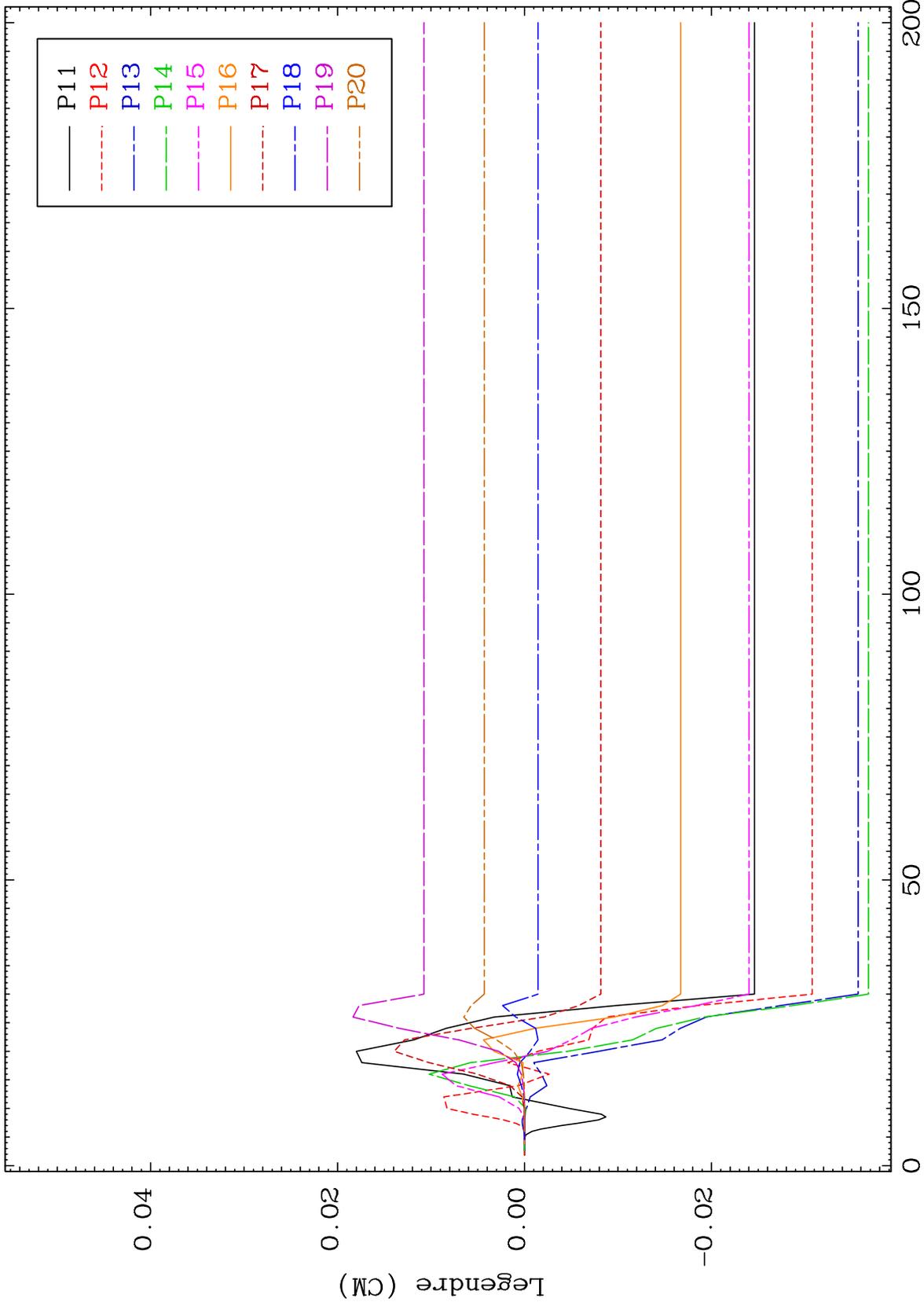
77-Ir-199



MAT 7749

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

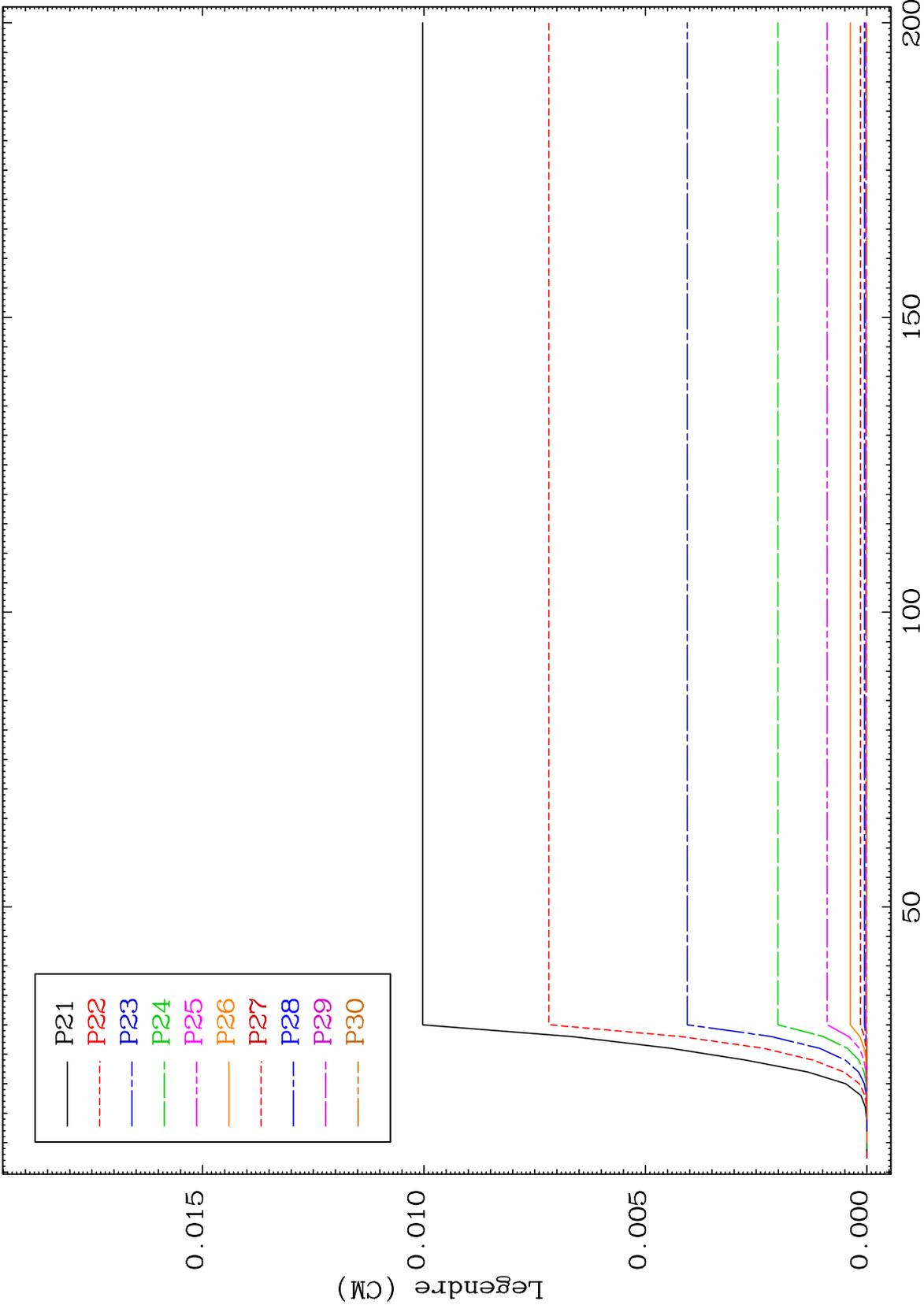
77-Ir-199



97

Incident Energy (MeV)

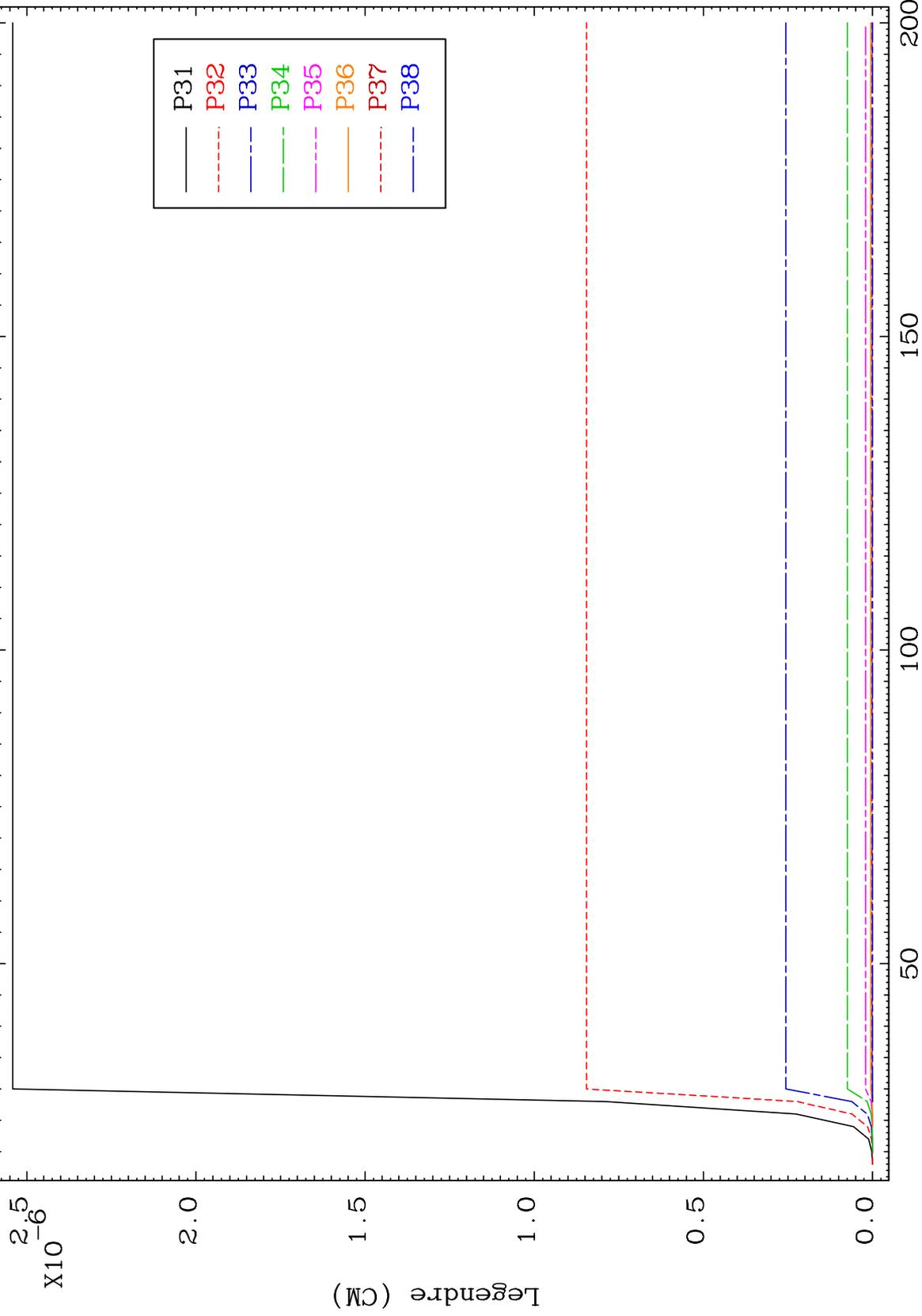
77-Ir-199



MAT 7749

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

77-Ir-199



99

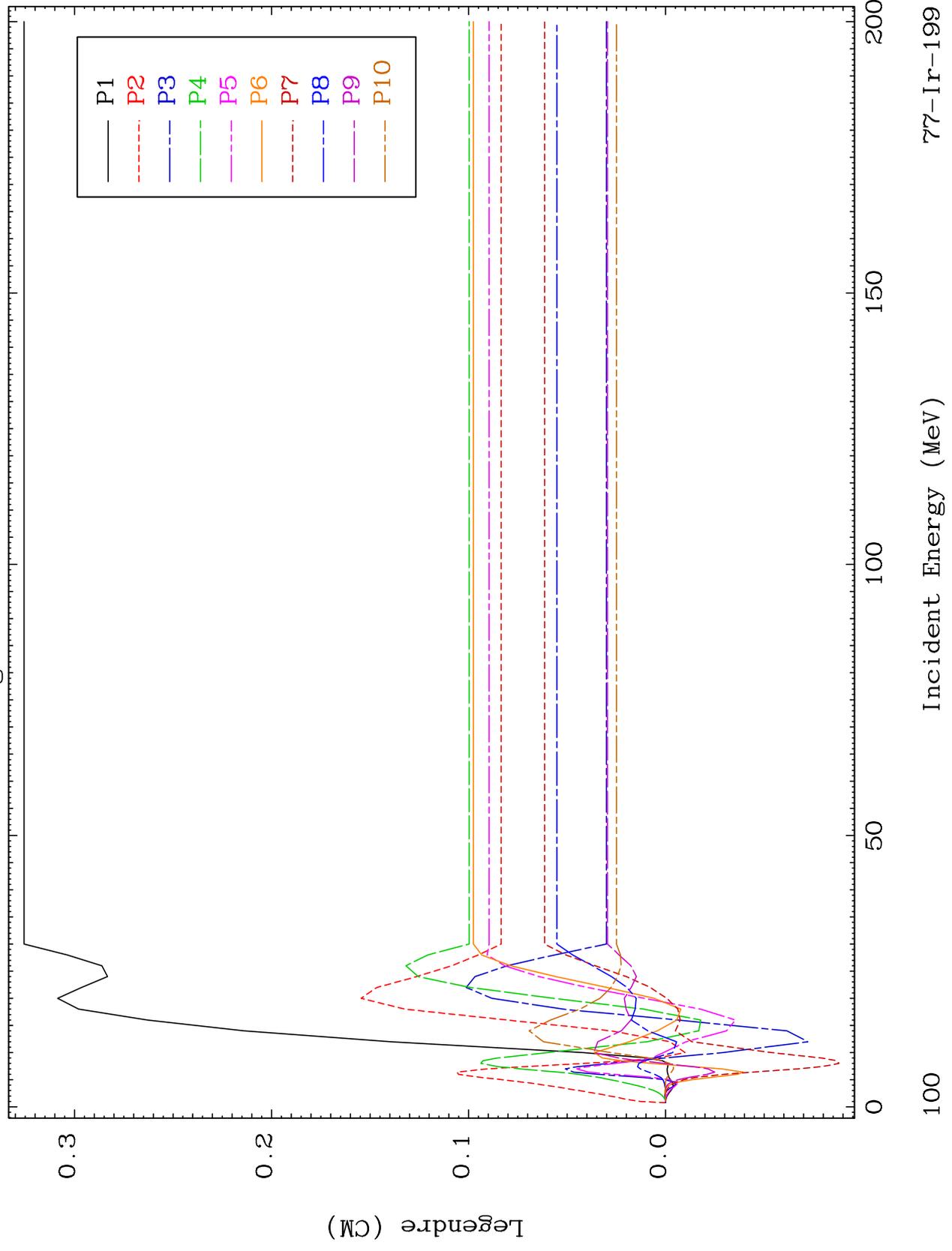
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

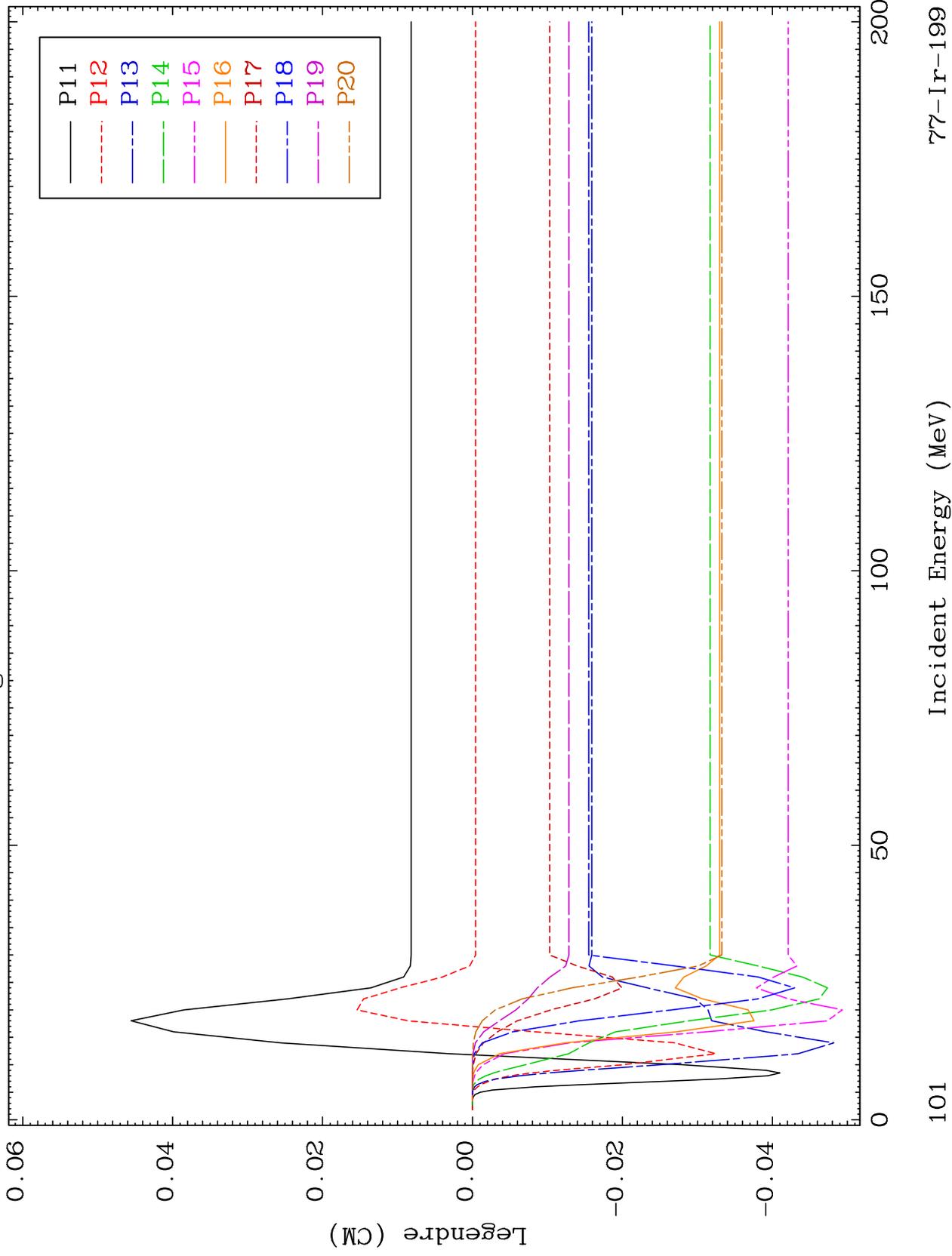
77-Ir-199



MAT 7749

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

77-Ir-199



77-Ir-199

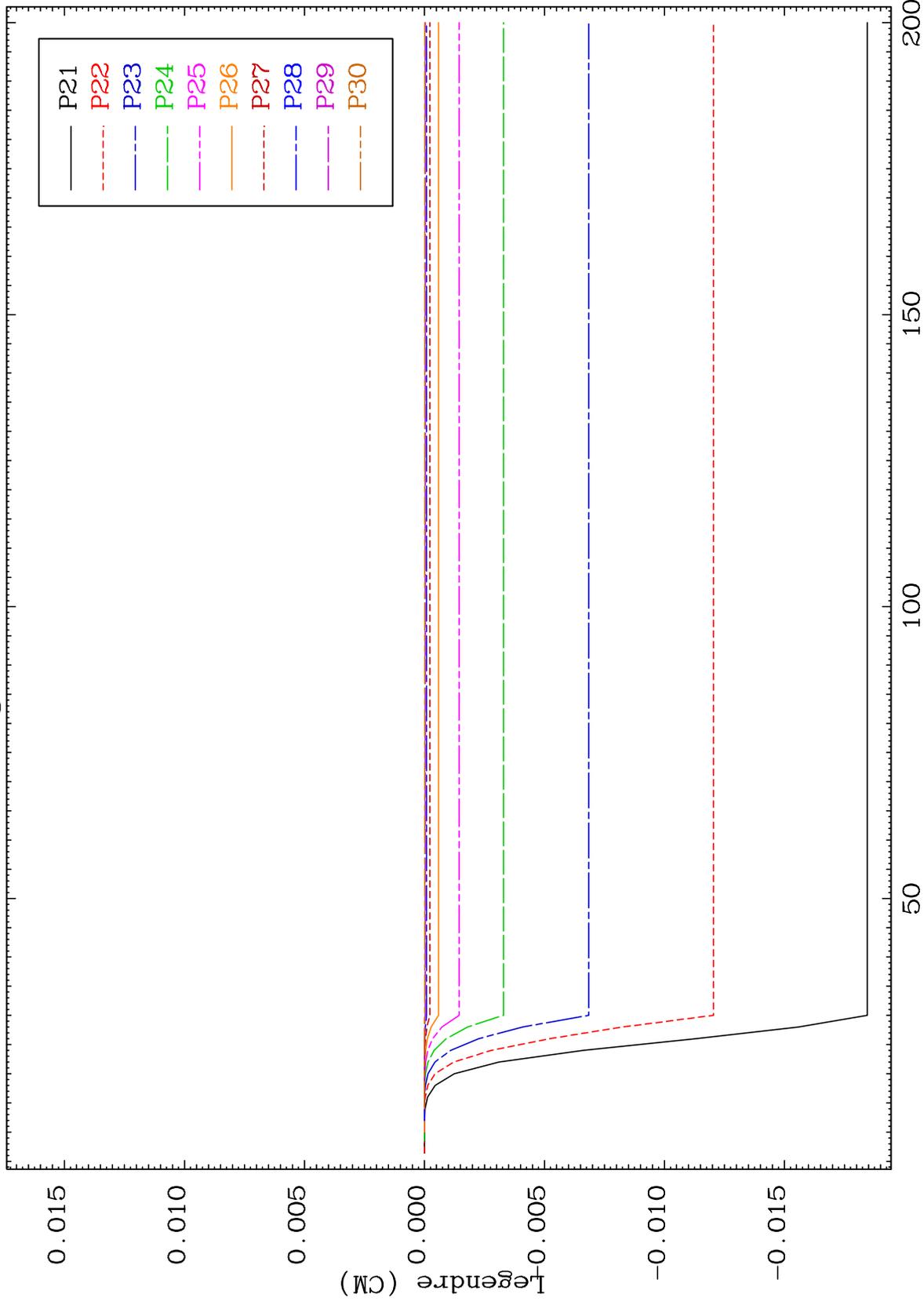
Incident Energy (MeV)

101

MAT 7749

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

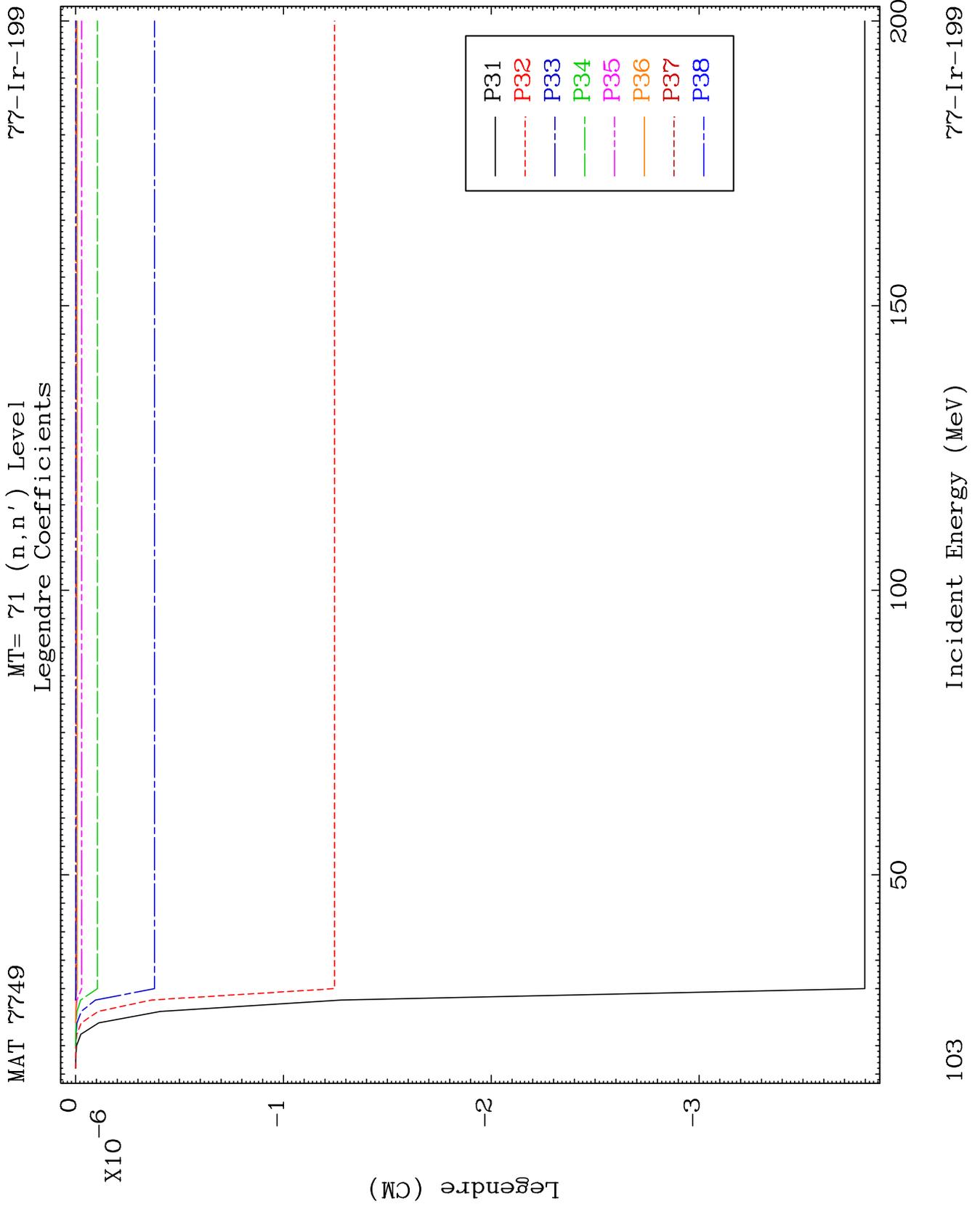
77-Ir-199



102

Incident Energy (MeV)

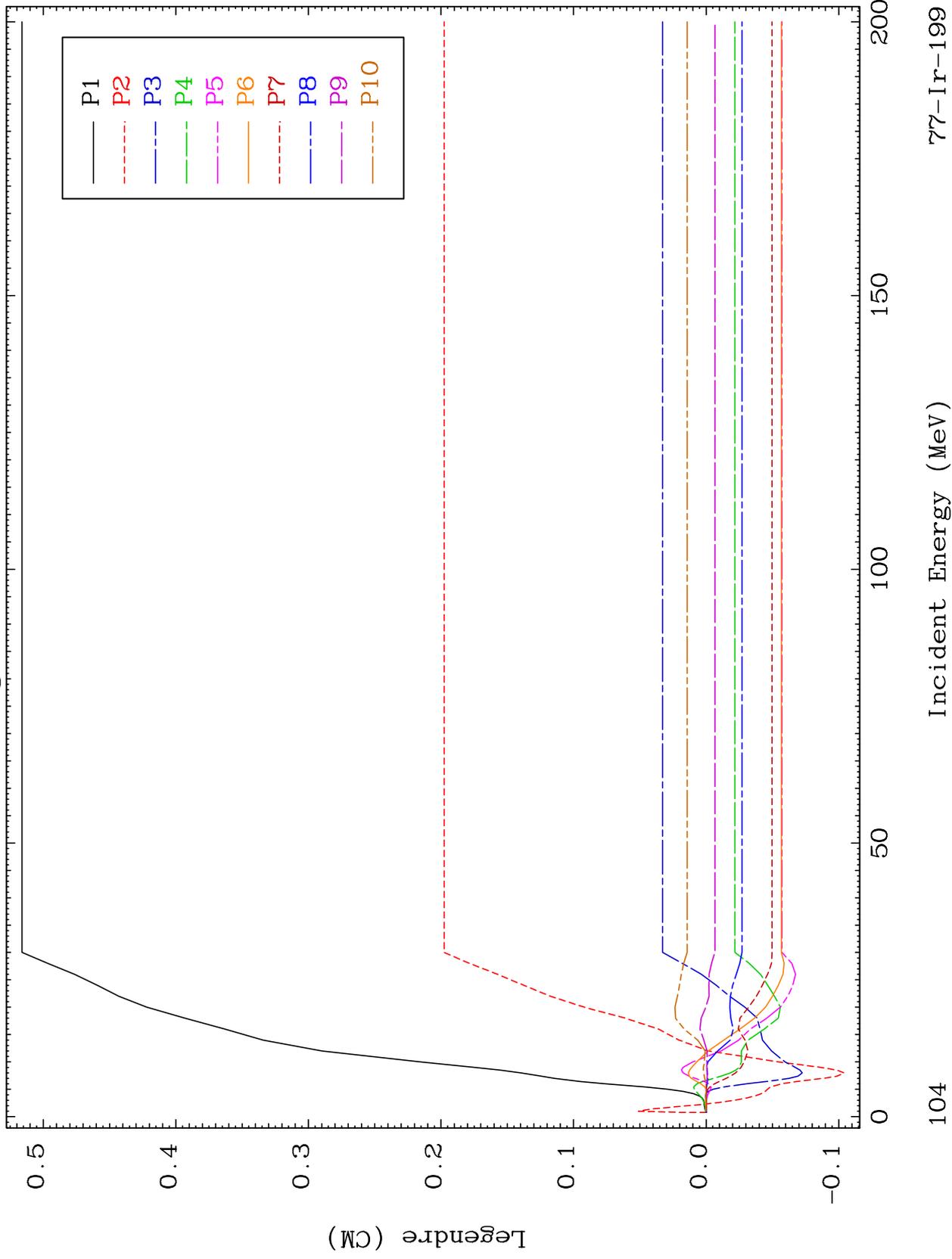
77-Ir-199



MAT 7749

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

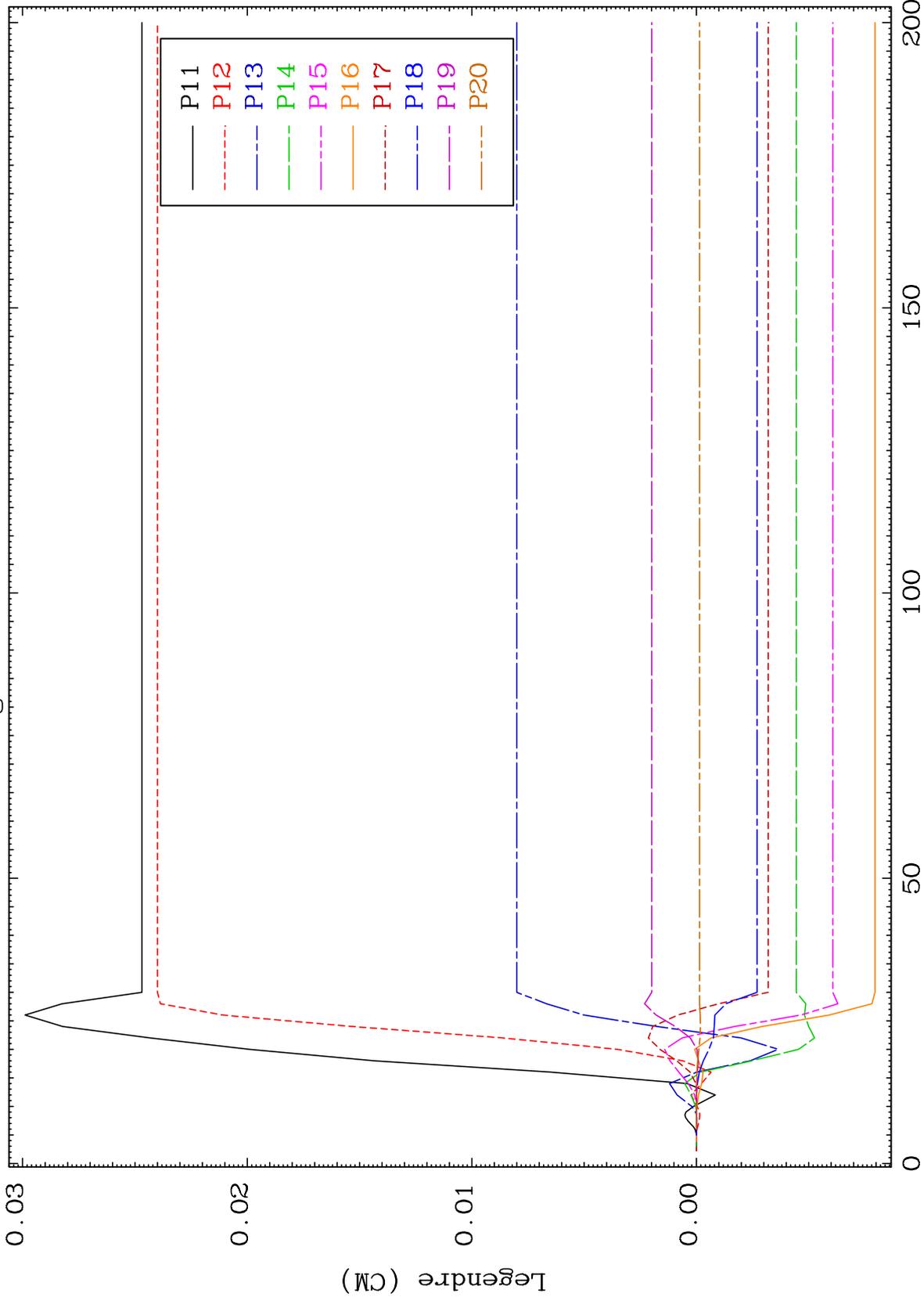
77-Ir-199



MAT 7749

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

77-Ir-199



105

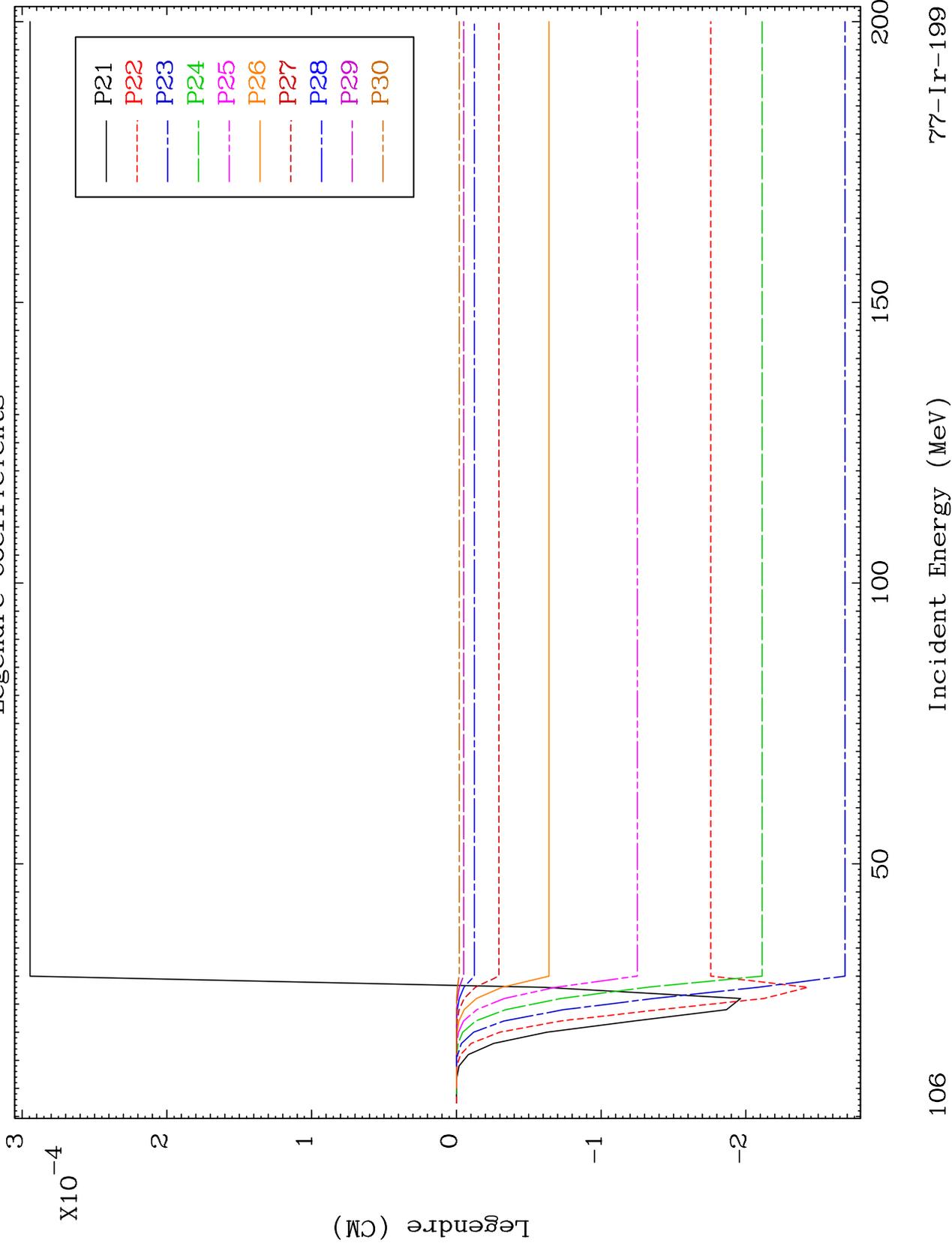
Incident Energy (MeV)

77-Ir-199

MAT 7749

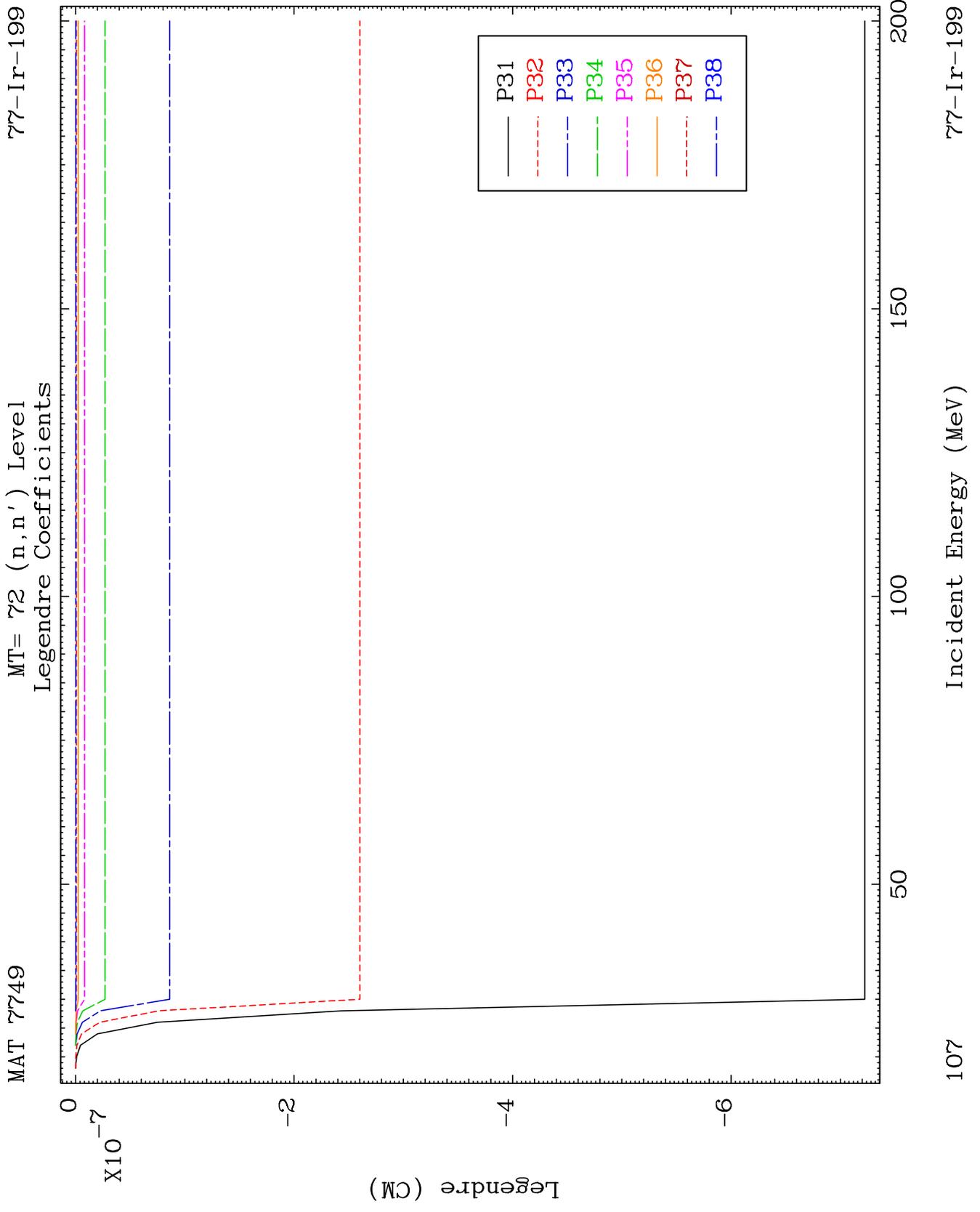
MT= 72 (n,n') Level Legendre Coefficients

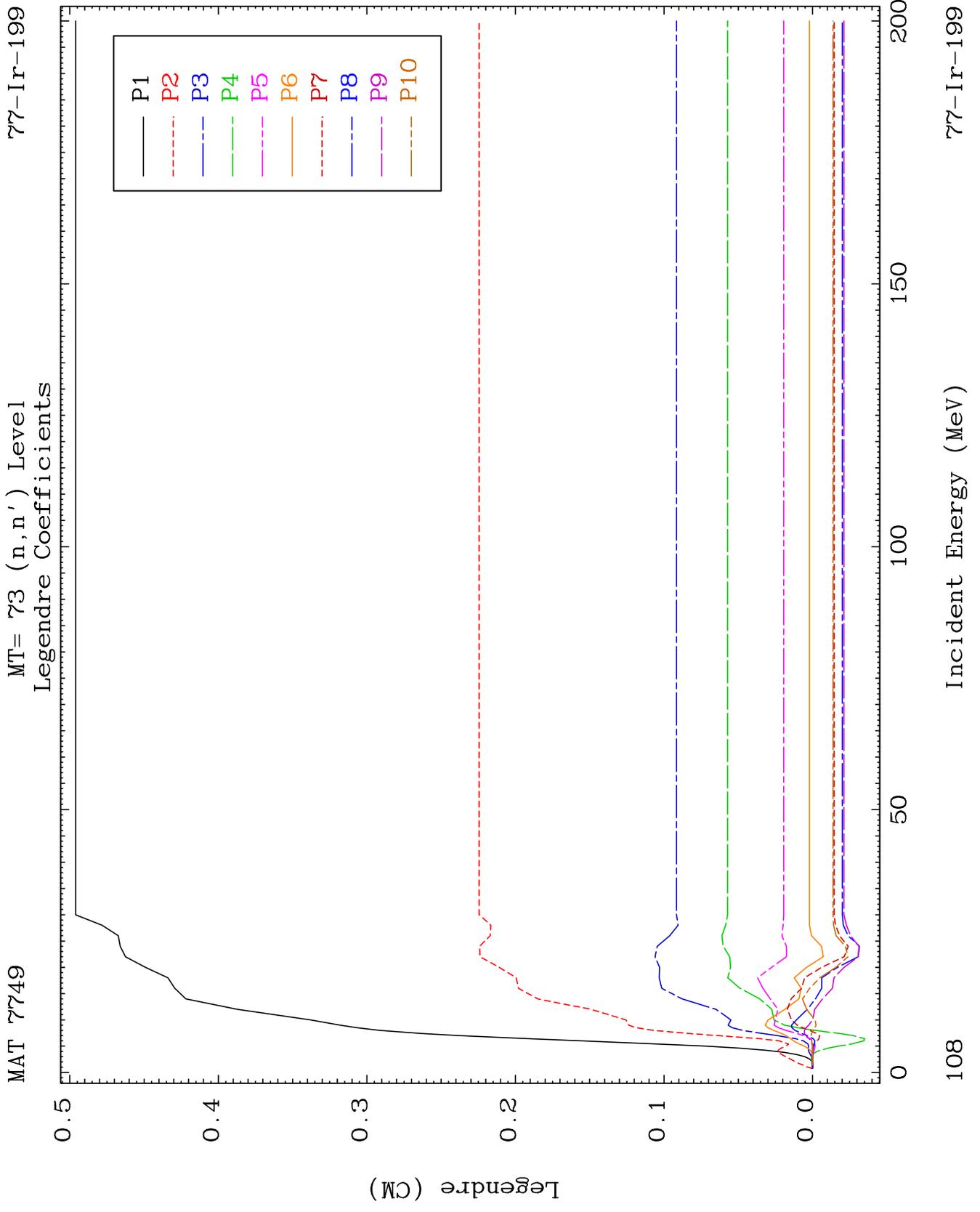
77-Ir-199



106

77-Ir-199

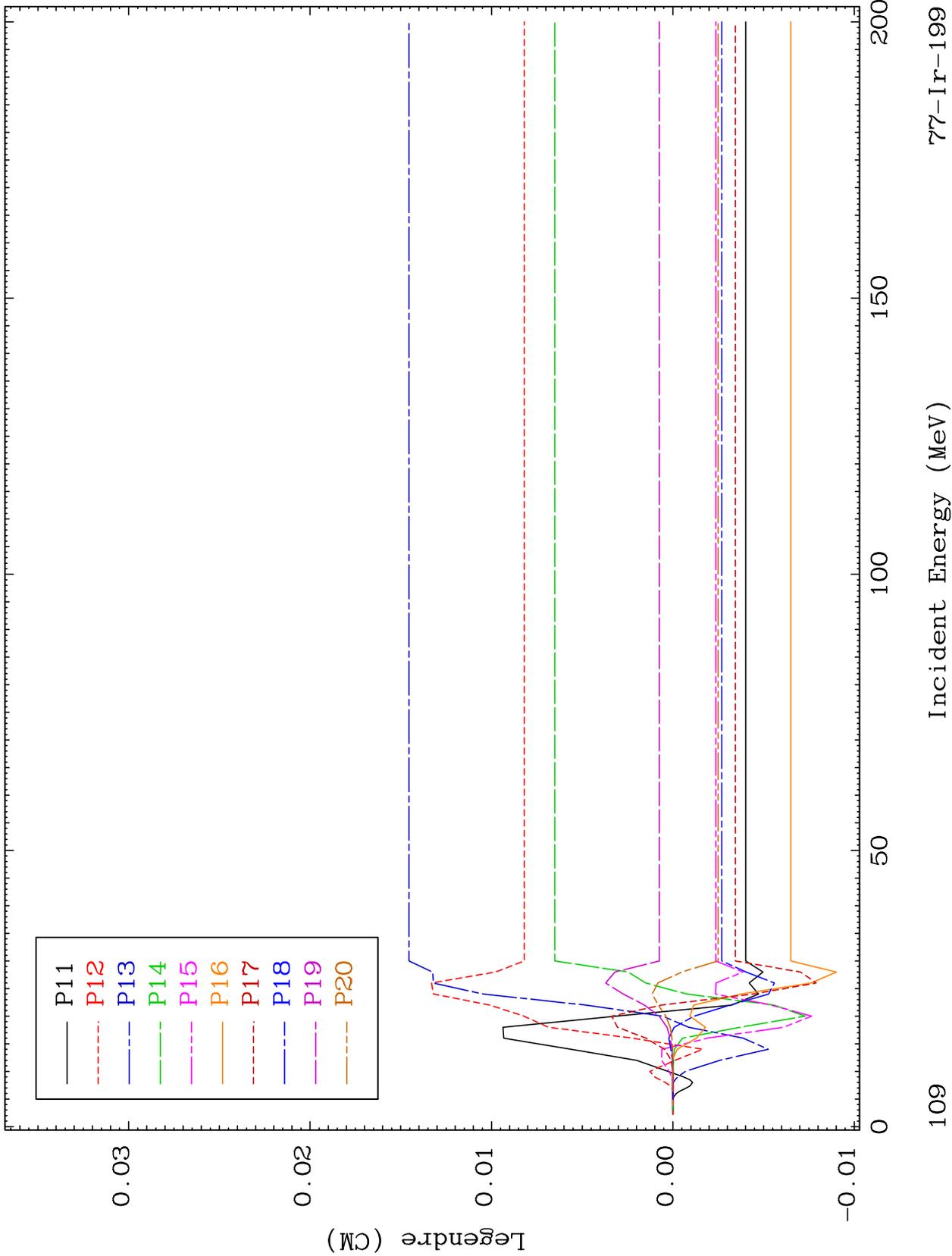




MAT 7749

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

77-Ir-199



109

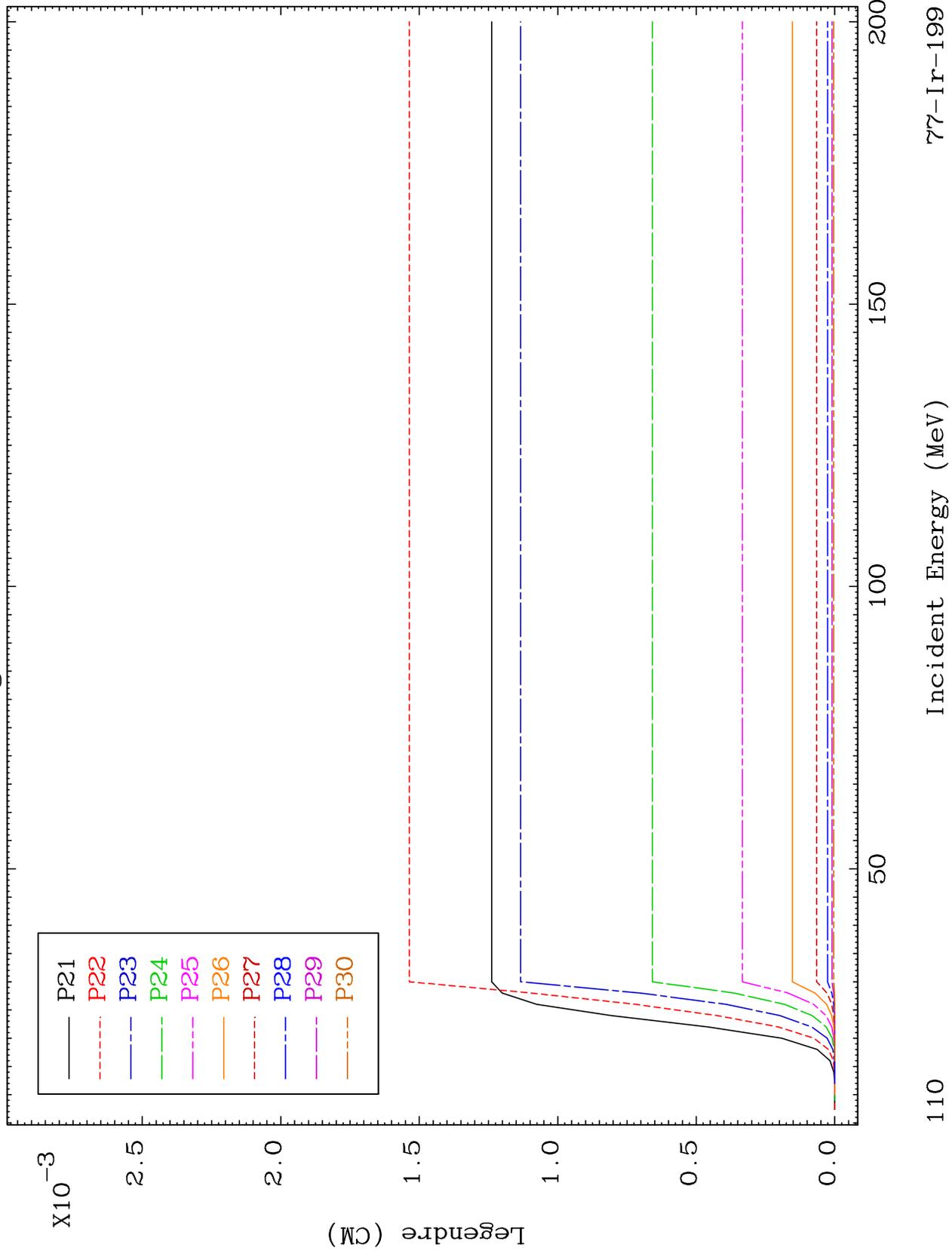
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



110

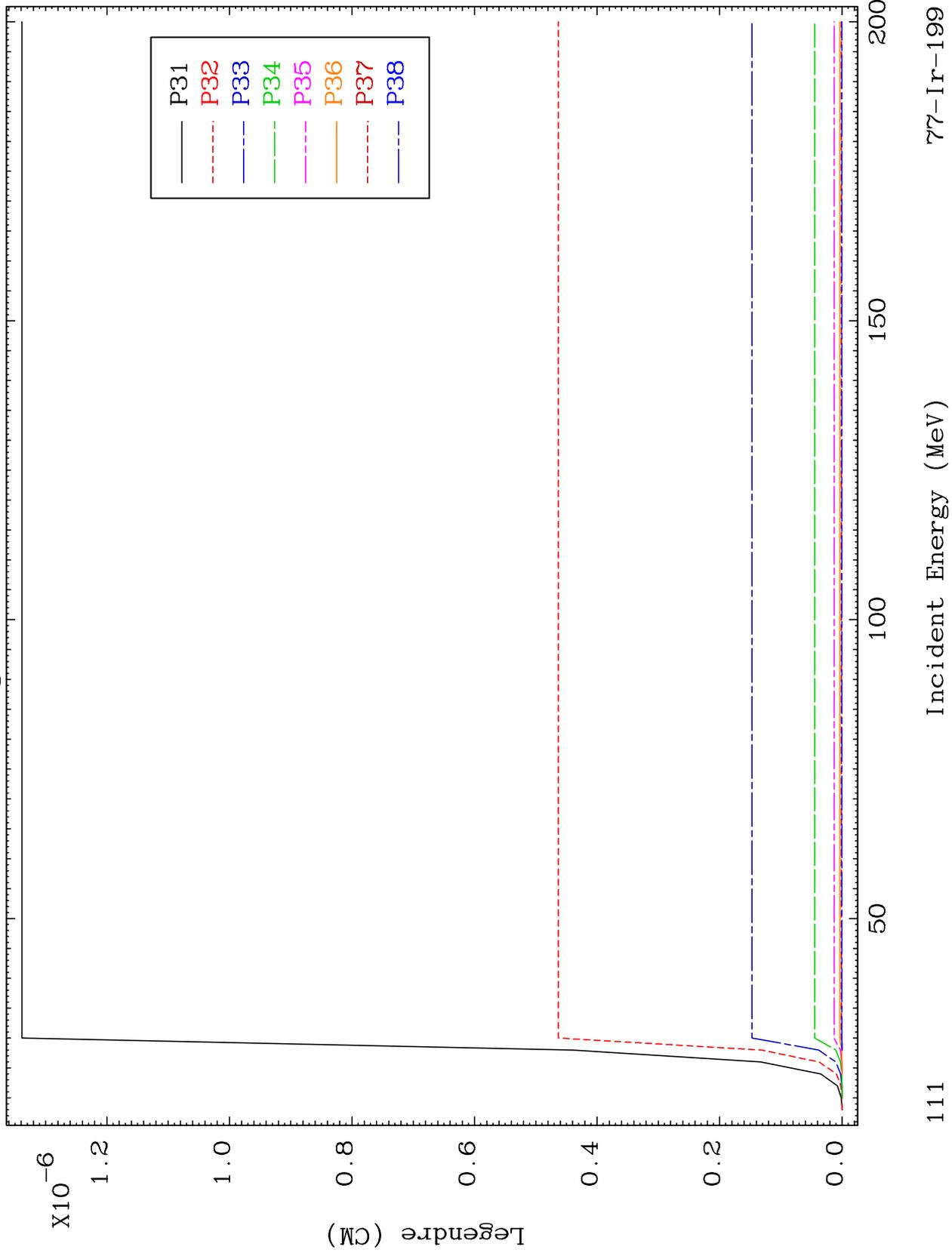
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

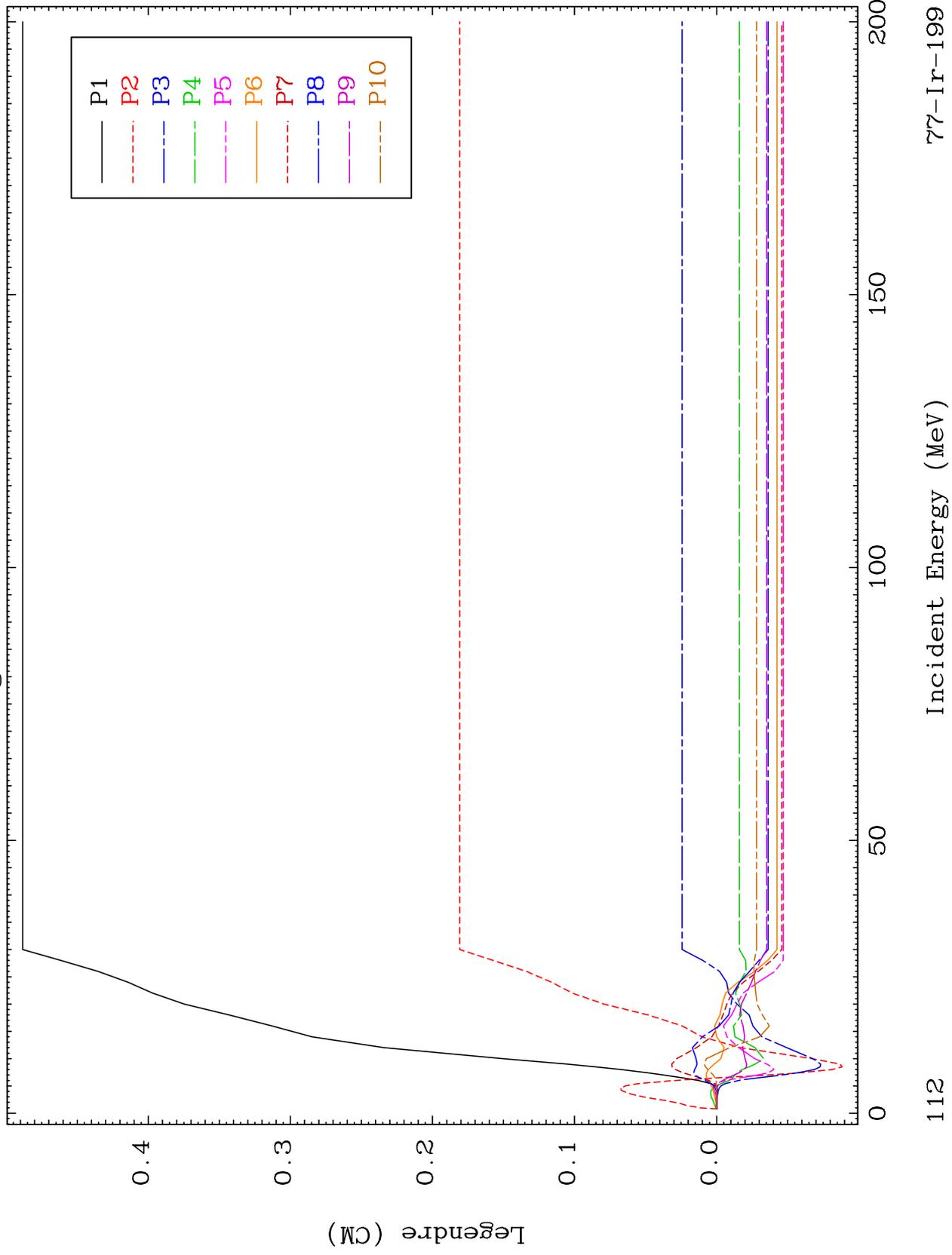
77-Ir-199



MAT 7749

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

77-Ir-199



77-Ir-199

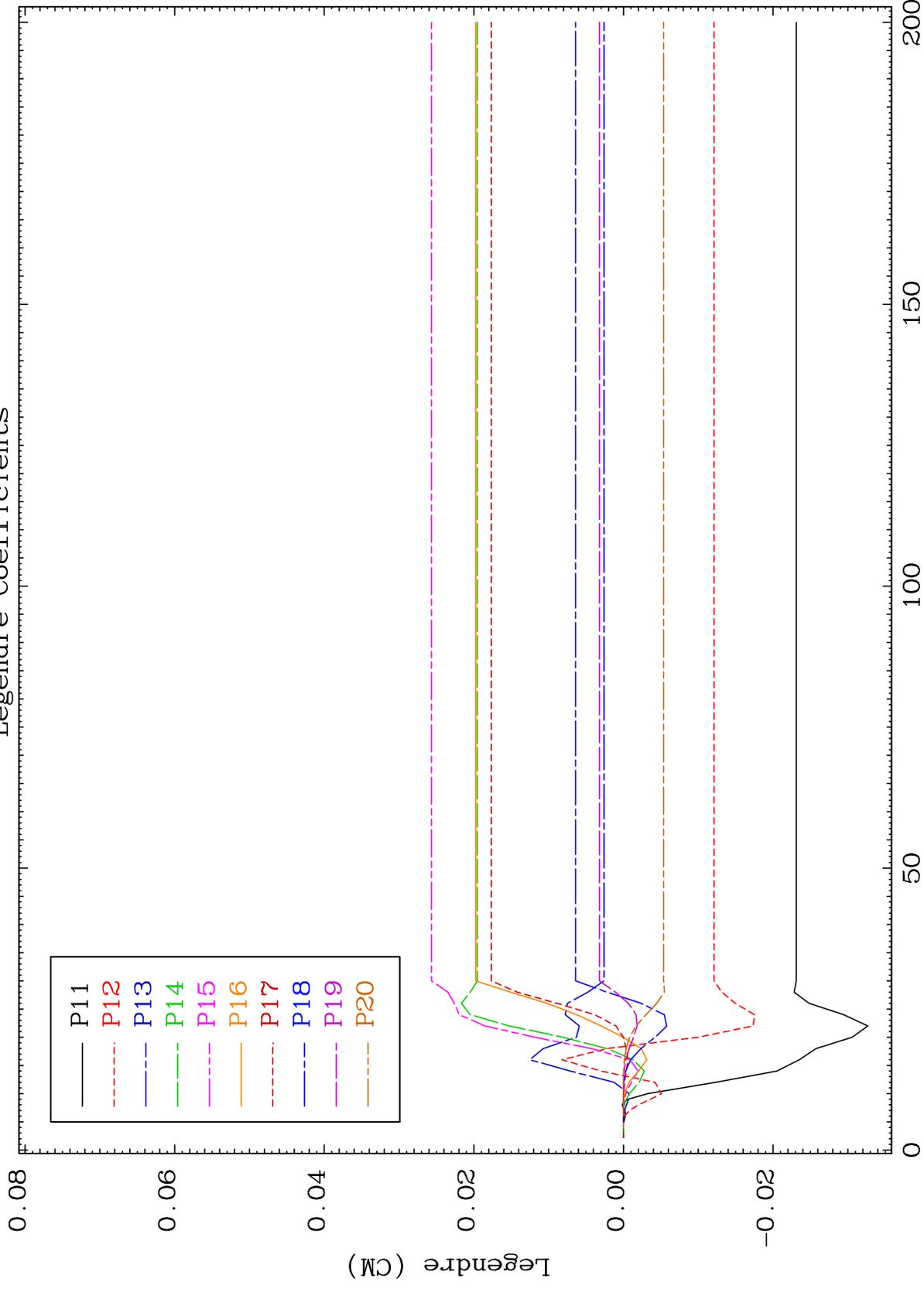
Incident Energy (MeV)

112

MAT 7749

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

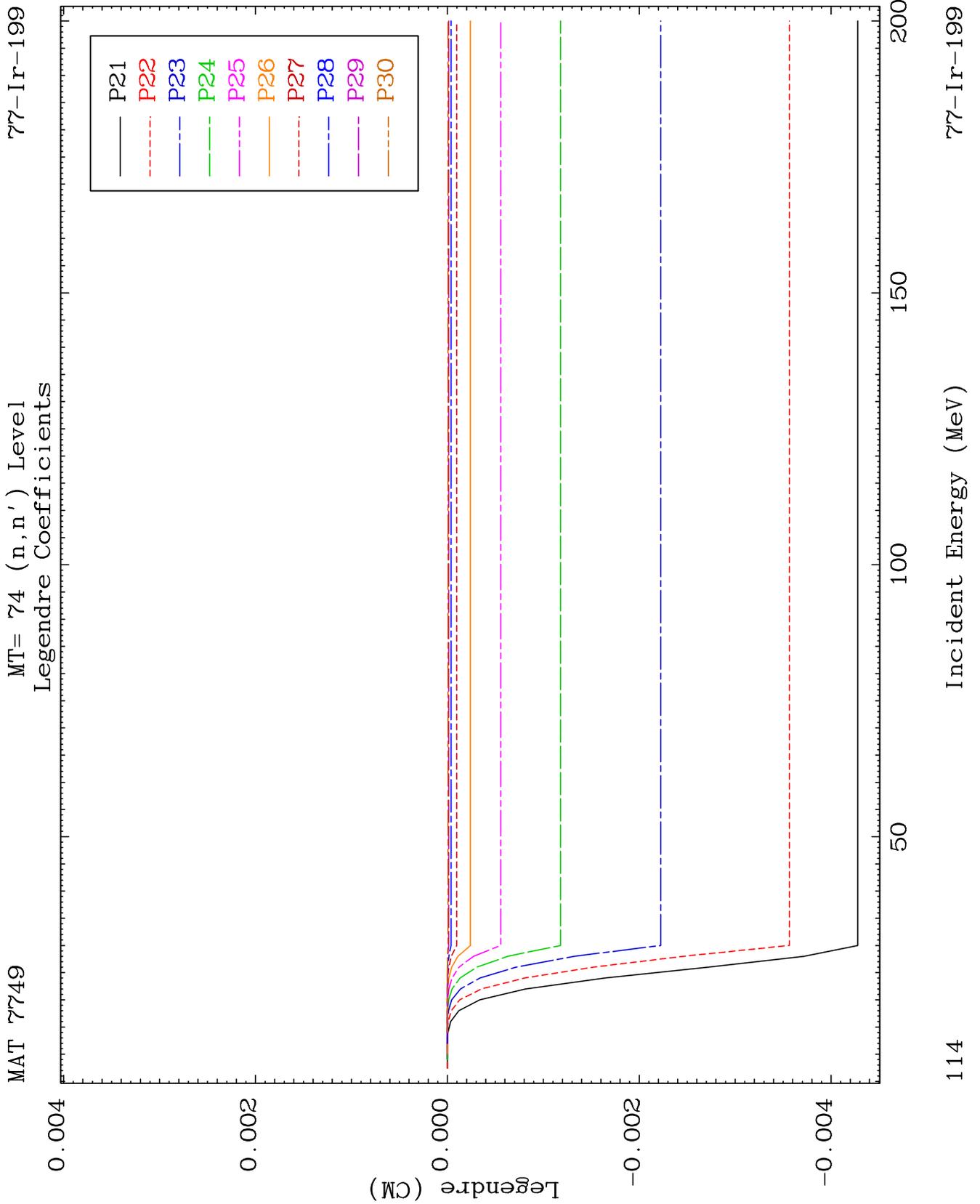
77-Ir-199

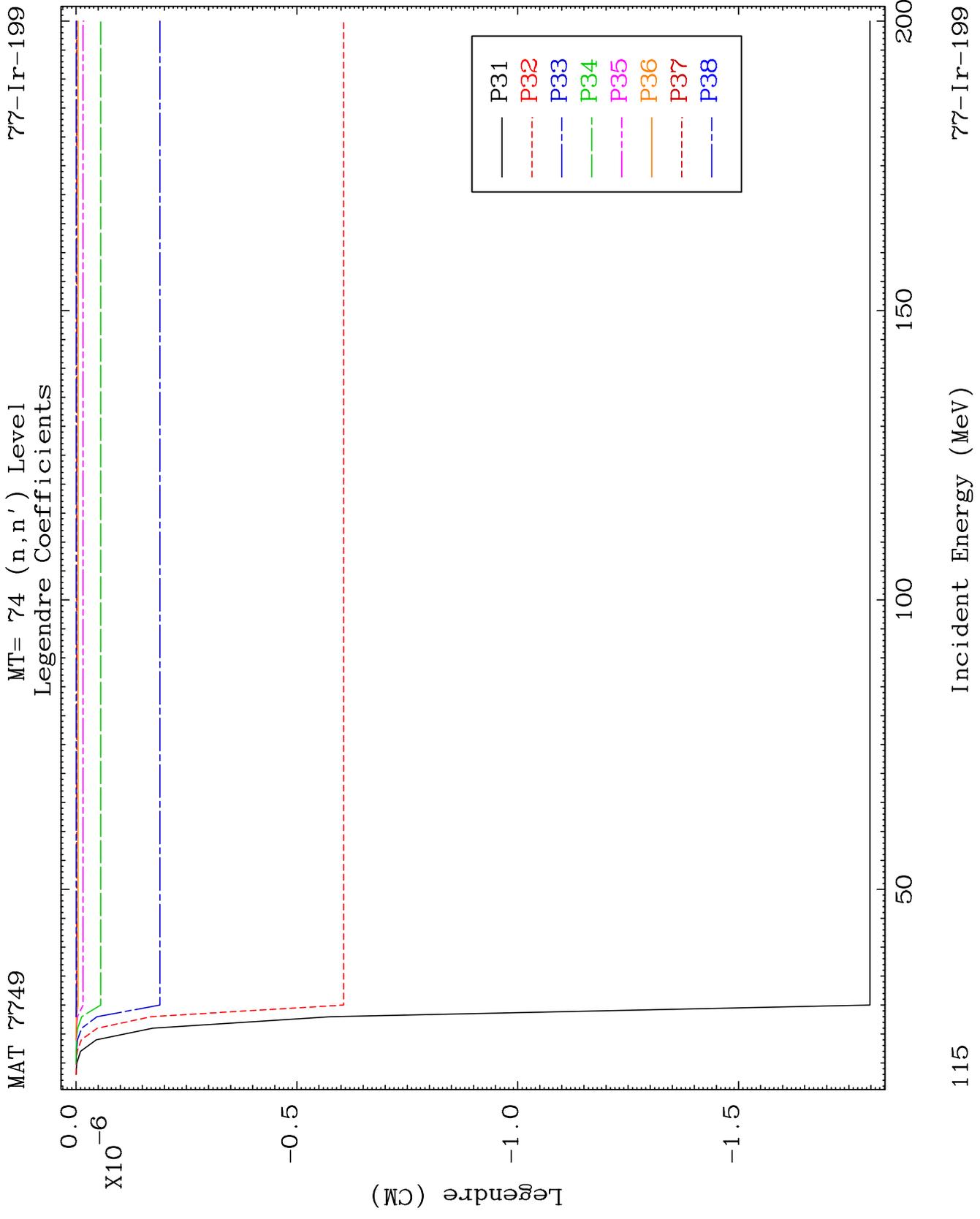


113

Incident Energy (MeV)

77-Ir-199

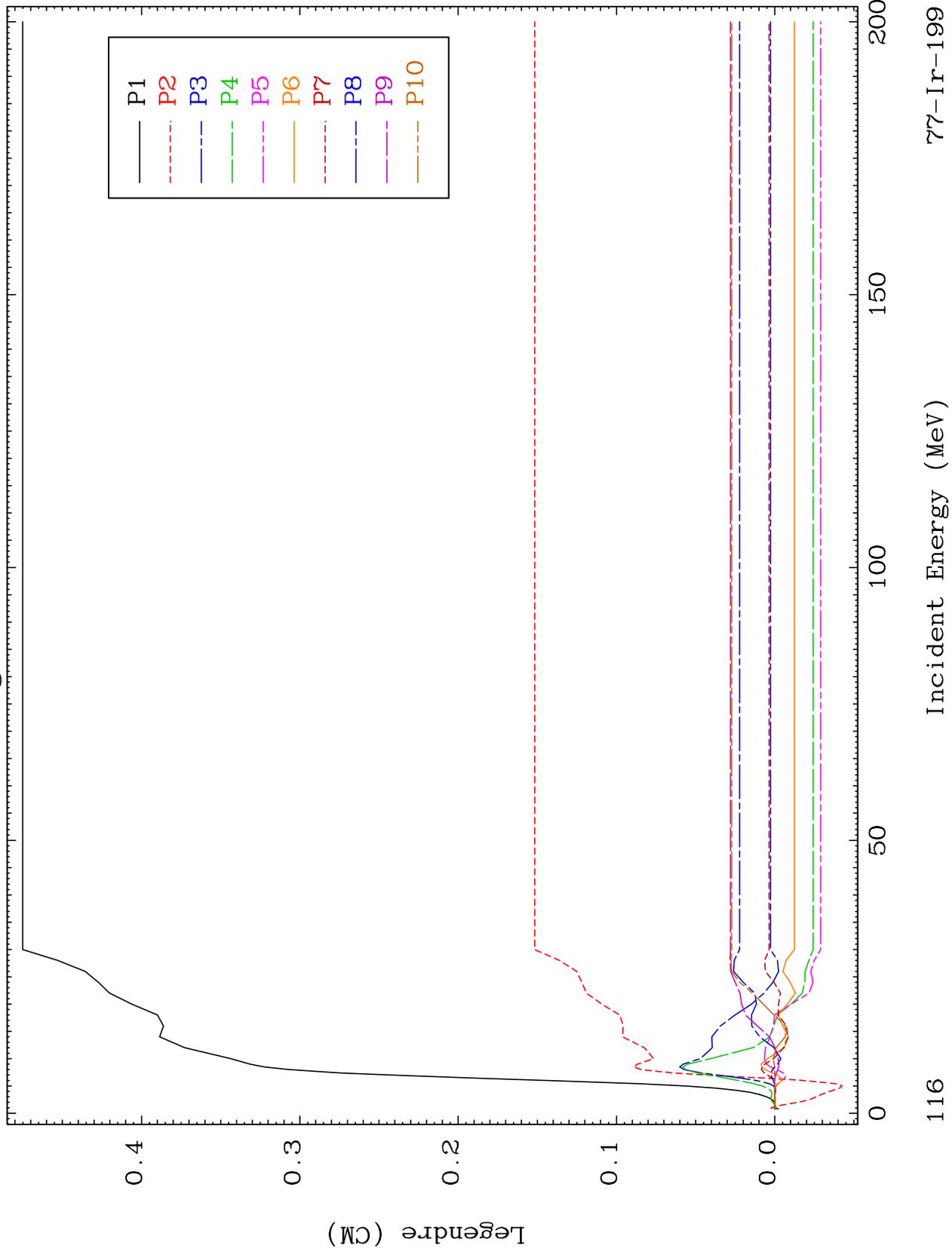




MAT 7749

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

77-Ir-199



77-Ir-199

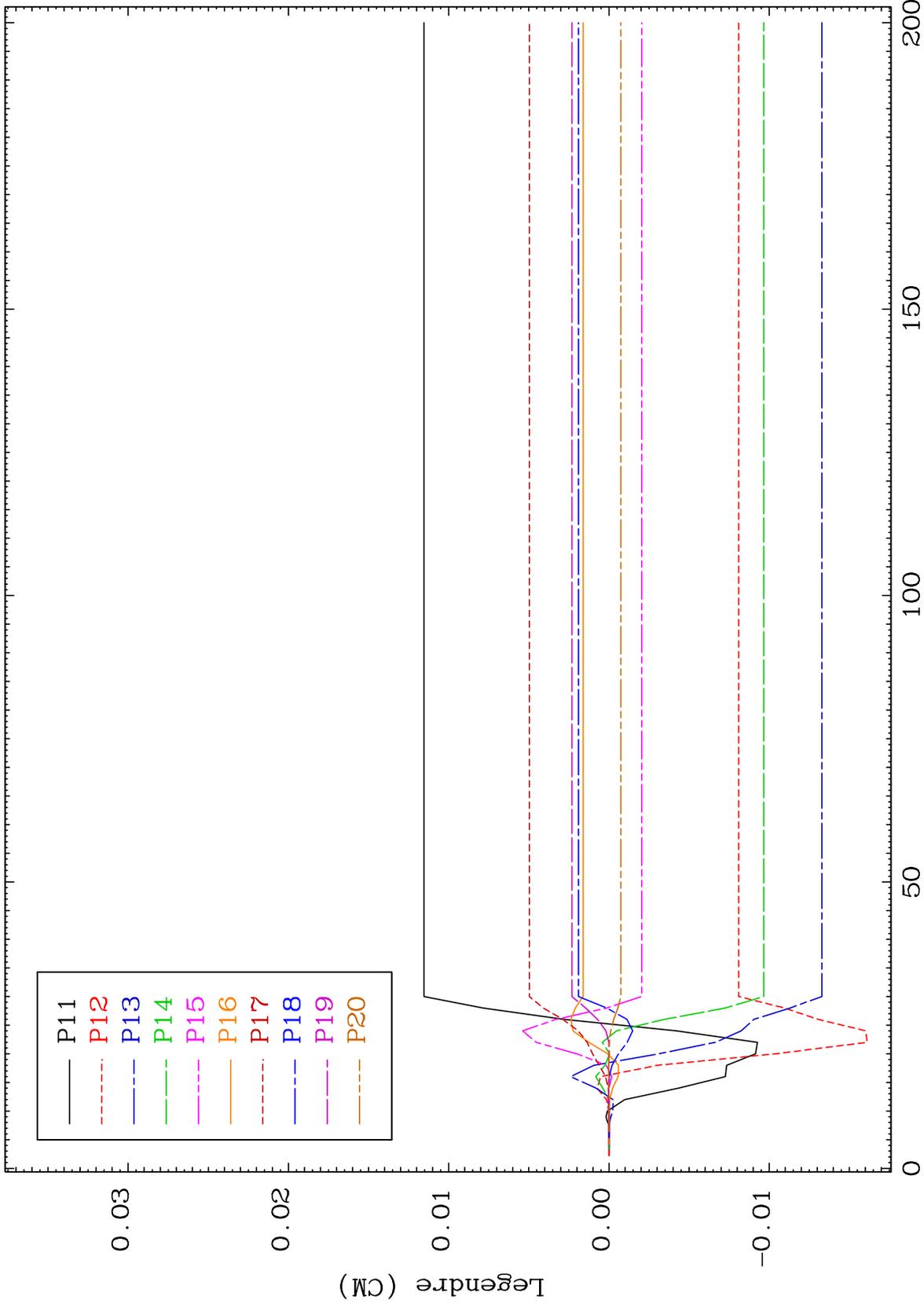
Incident Energy (MeV)

116

MAT 7749

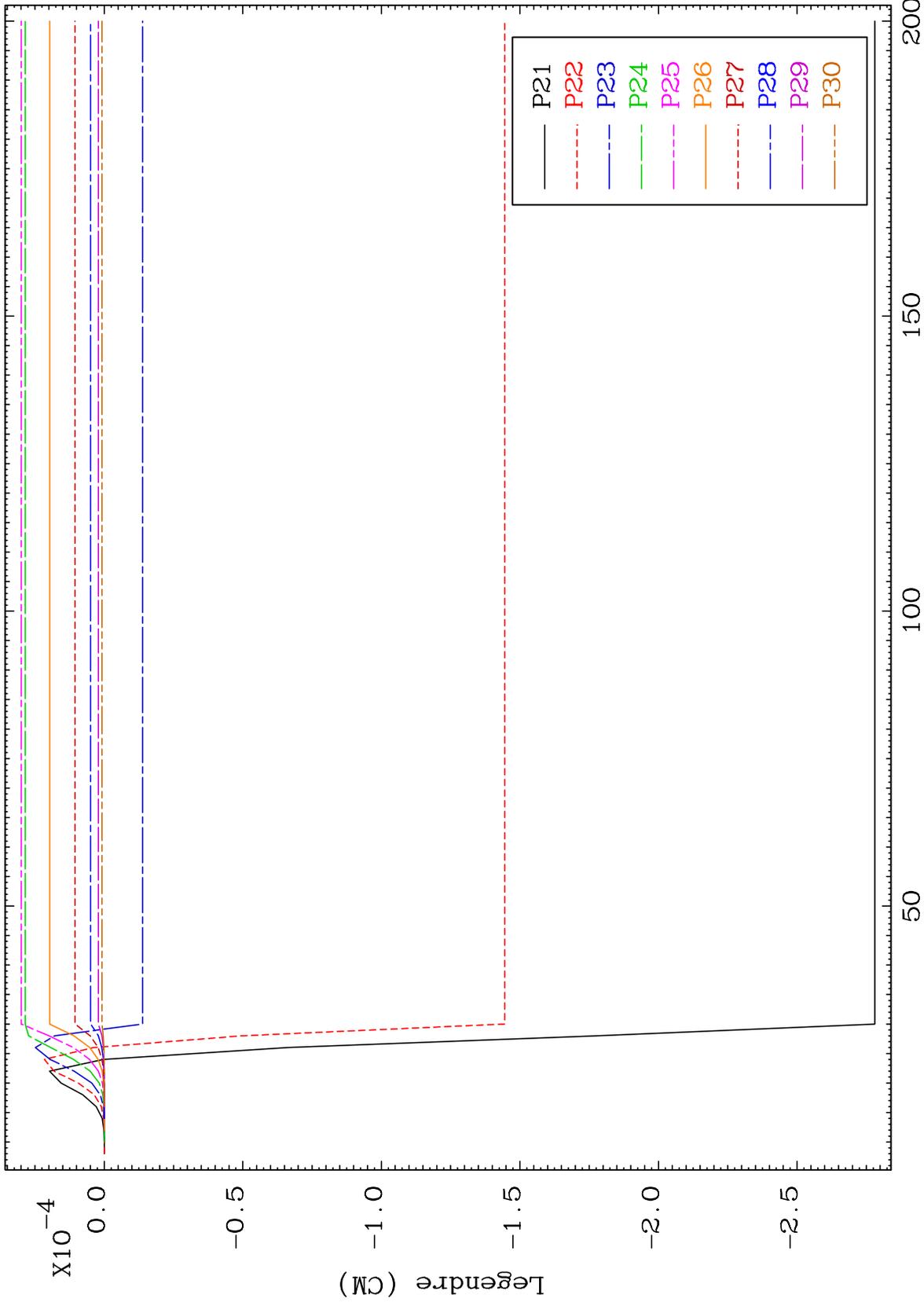
MT= 75 (n,n') Level
Legendre Coefficients

77-Ir-199



117

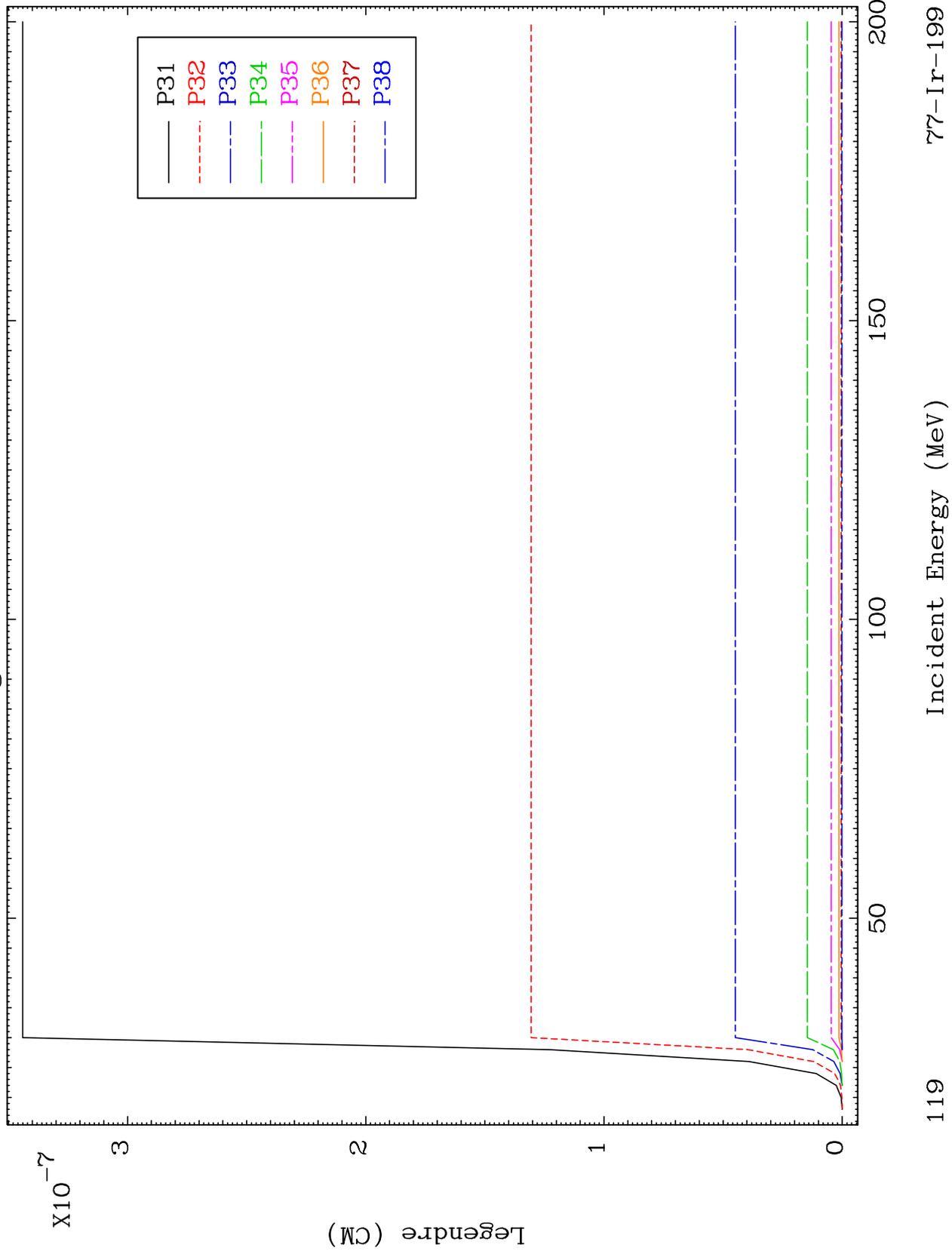
77-Ir-199



MAT 7749

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

77-Ir-199



119

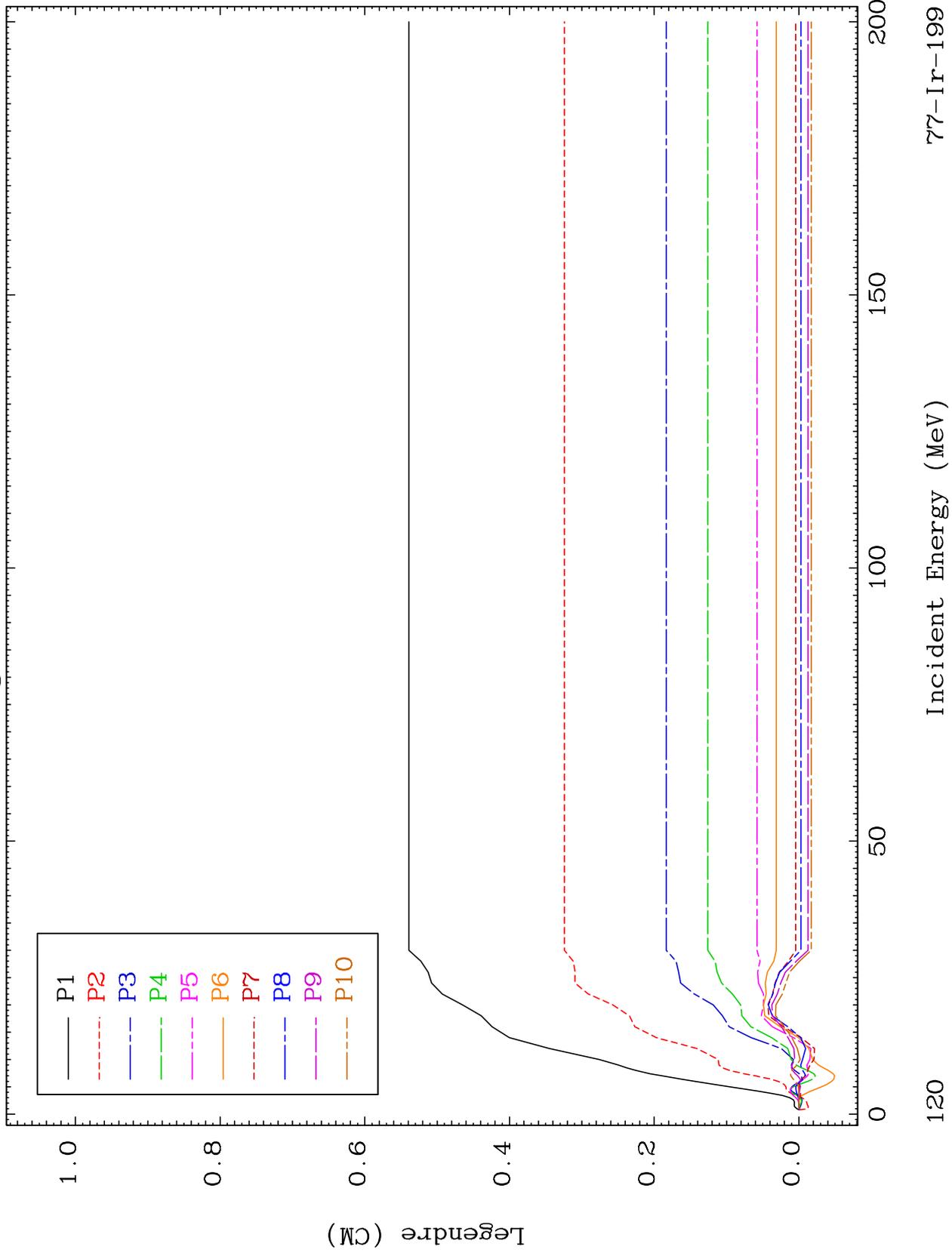
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

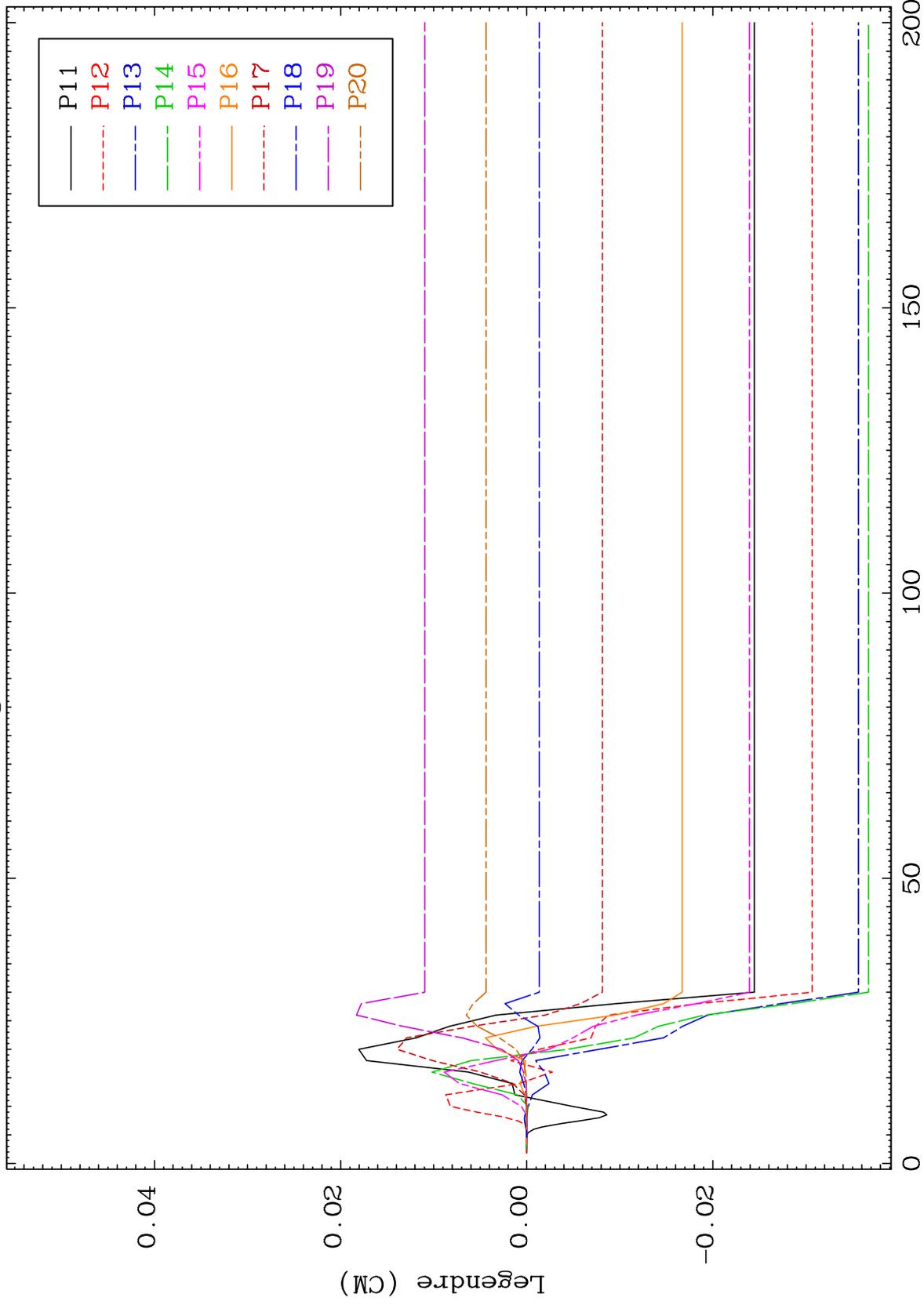
Incident Energy (MeV)

120

MAT 7749

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

77-Ir-199



121

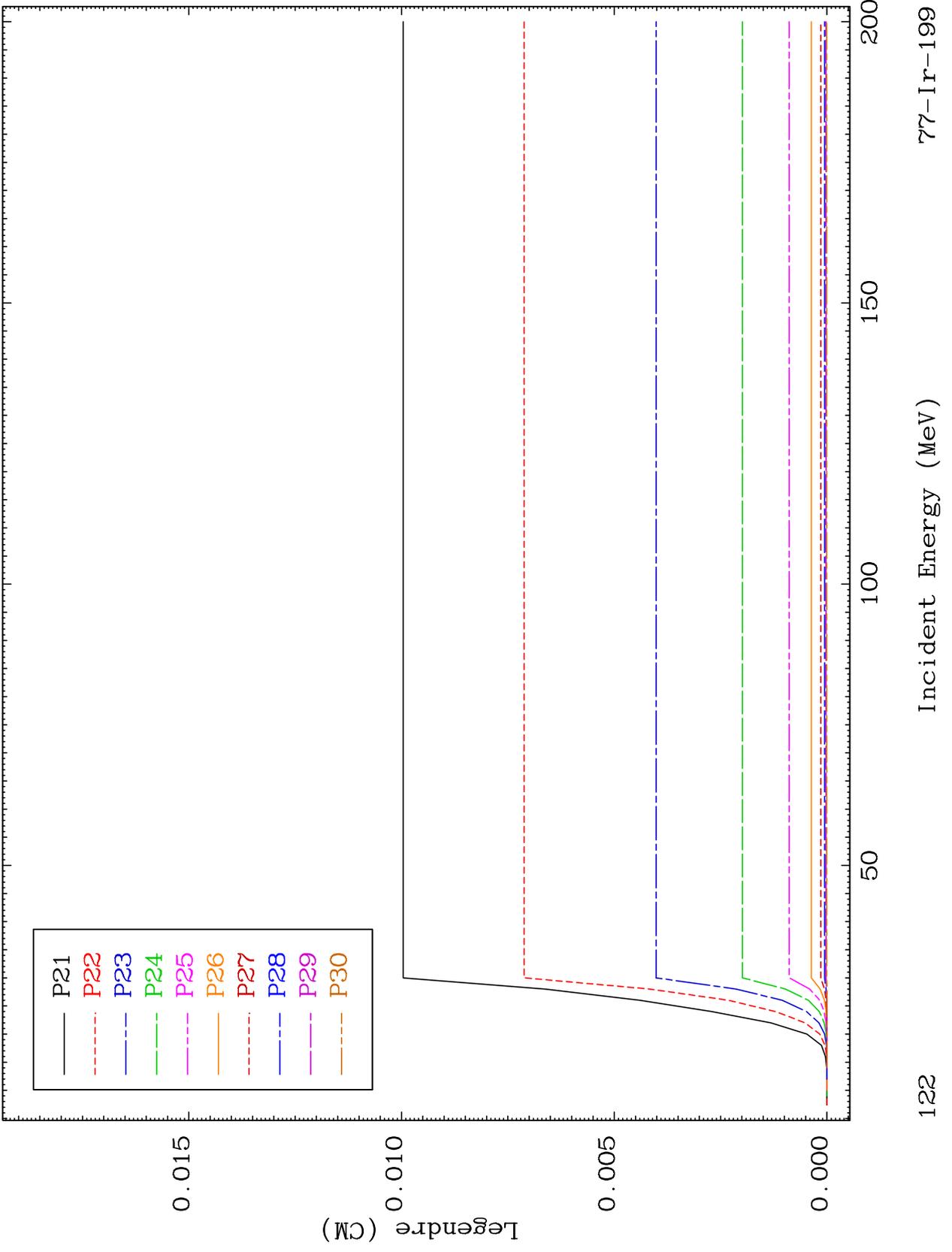
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



122

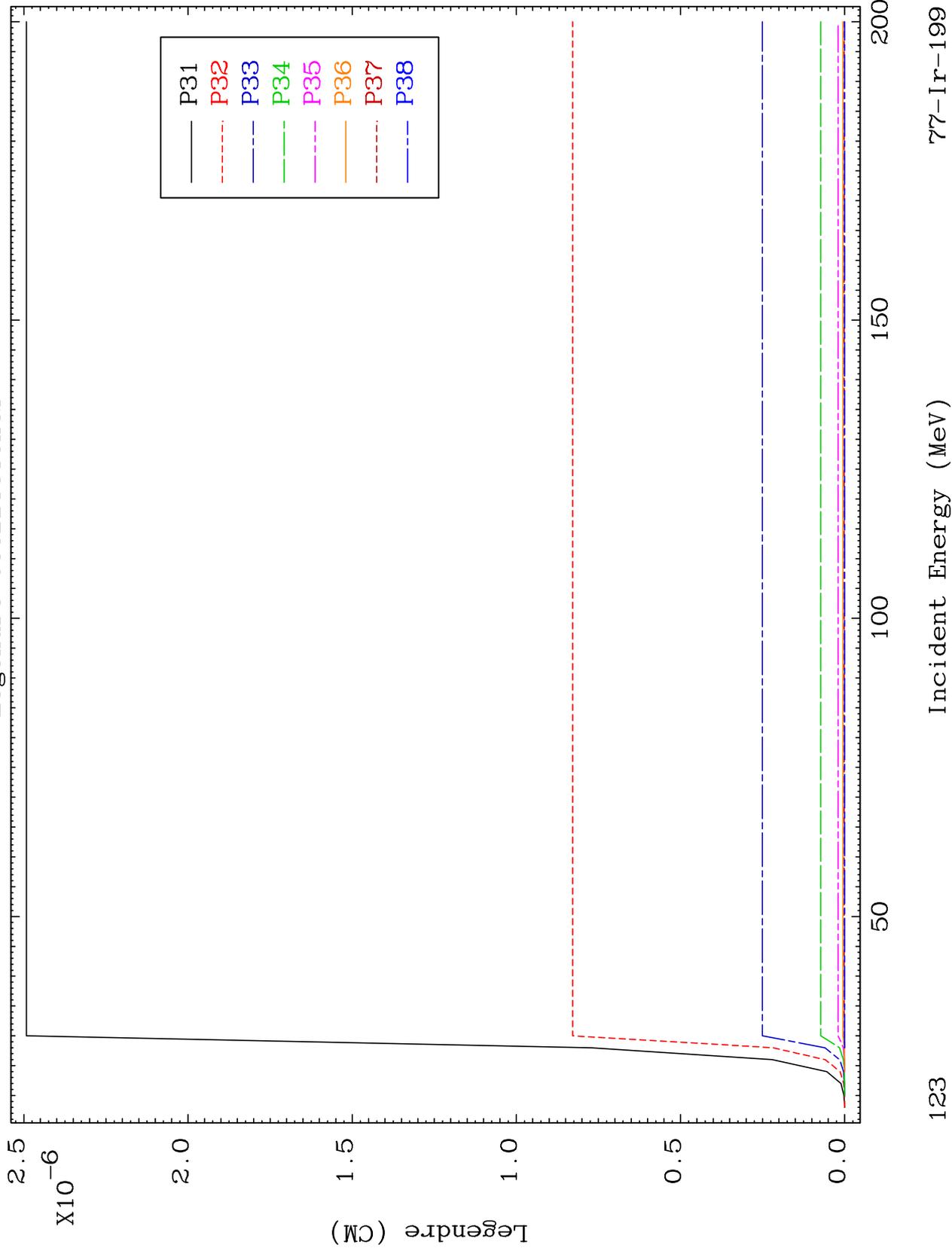
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



123

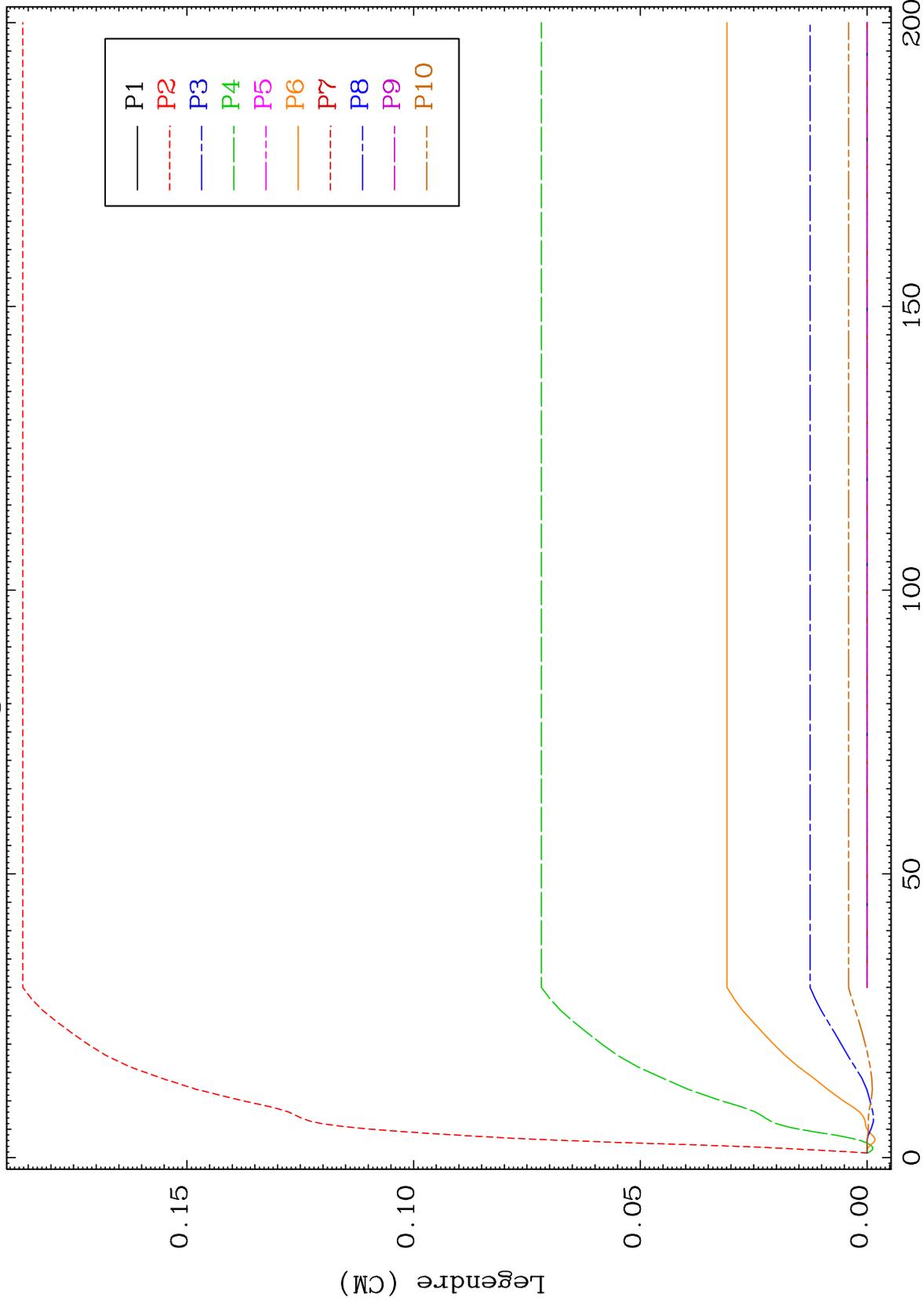
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



124

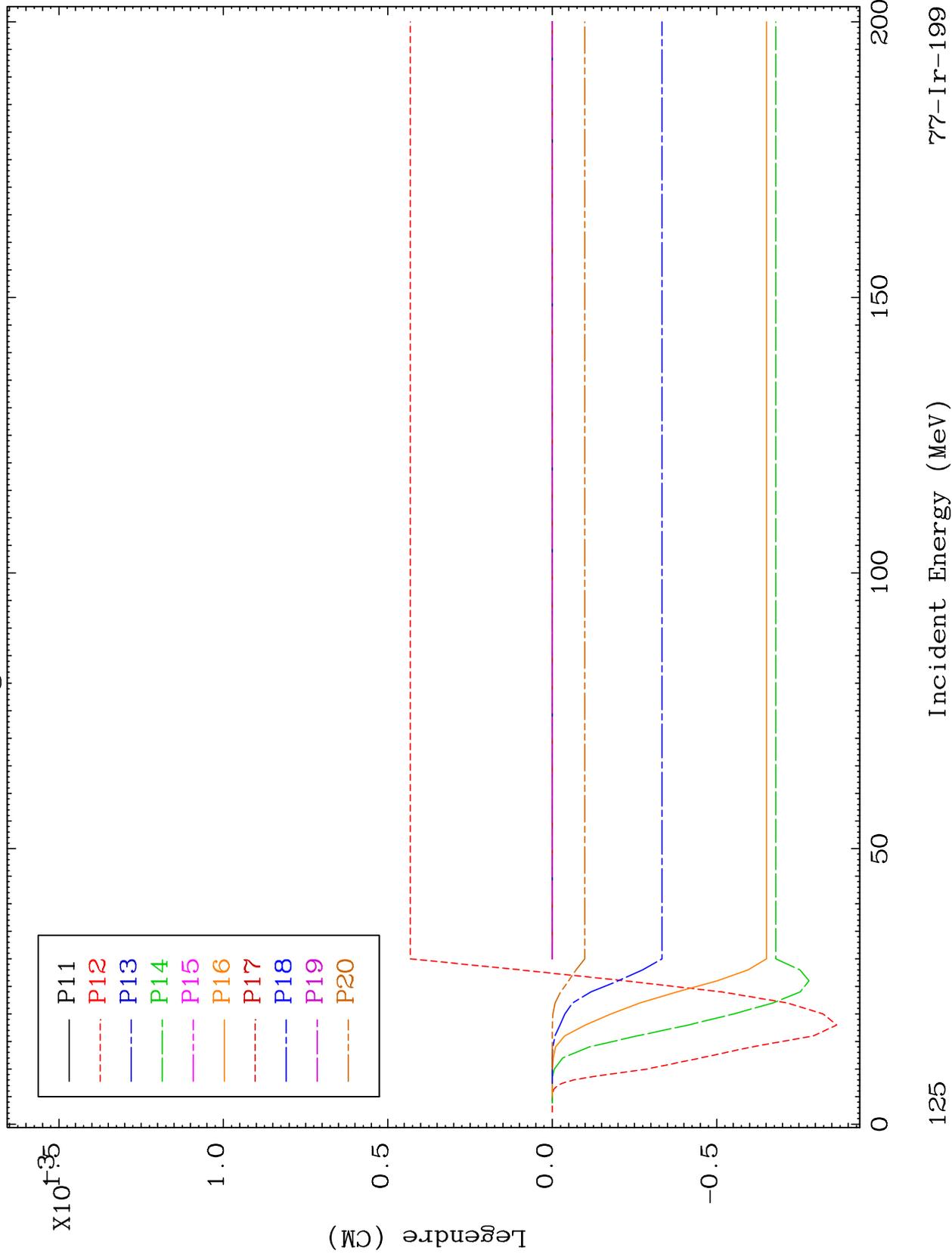
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

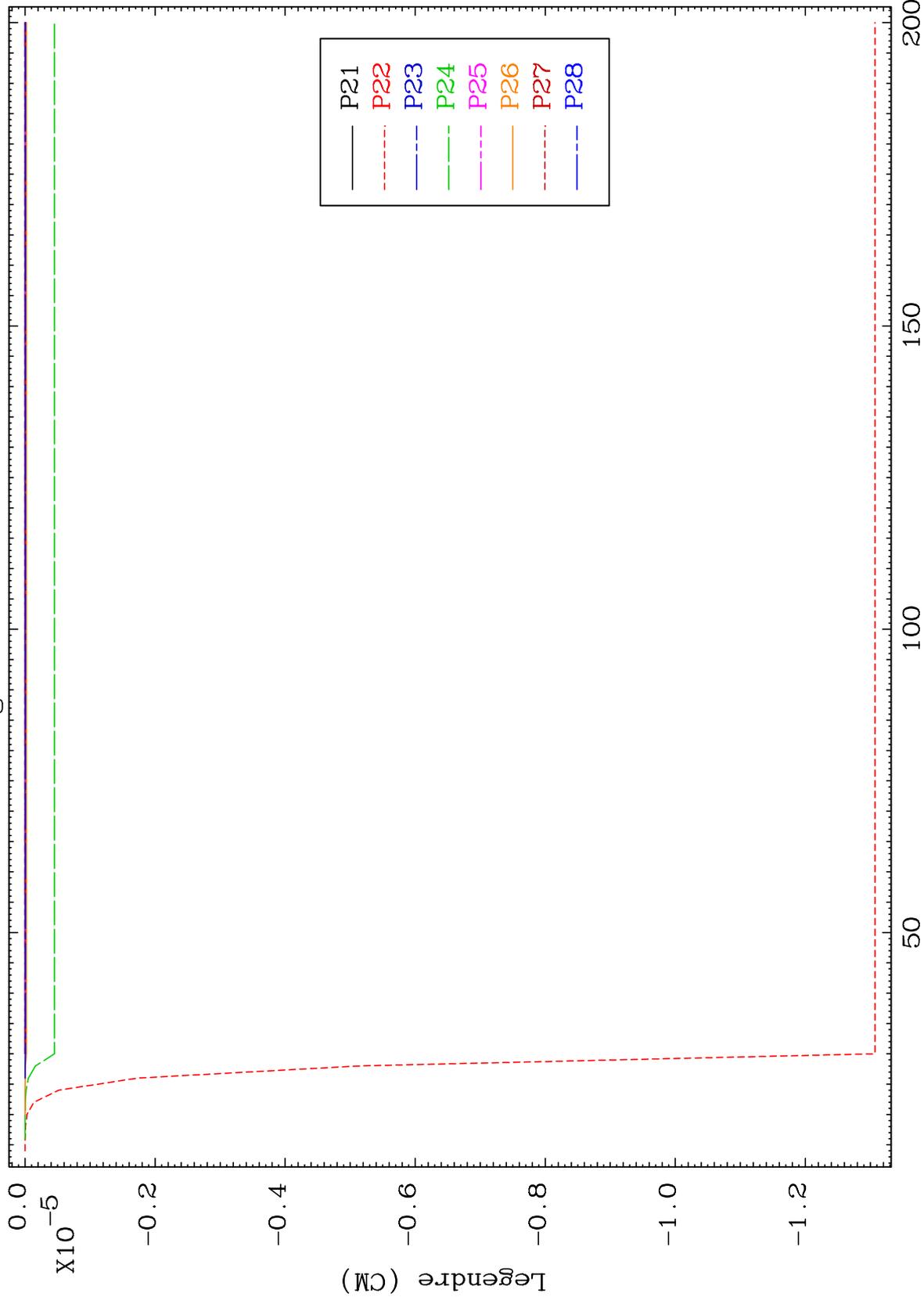
Incident Energy (MeV)

125

MAT 7749

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

77-Ir-199



126

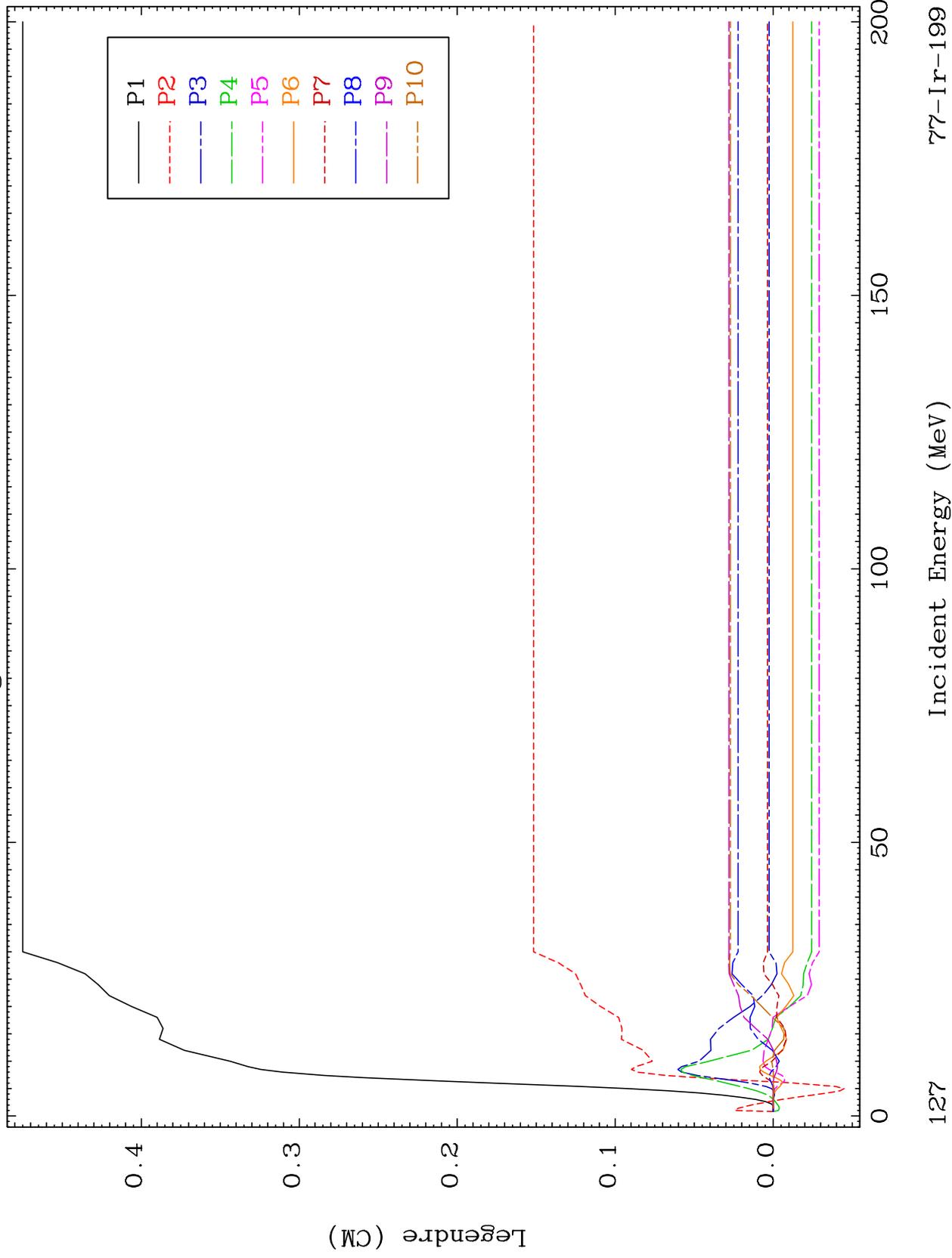
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

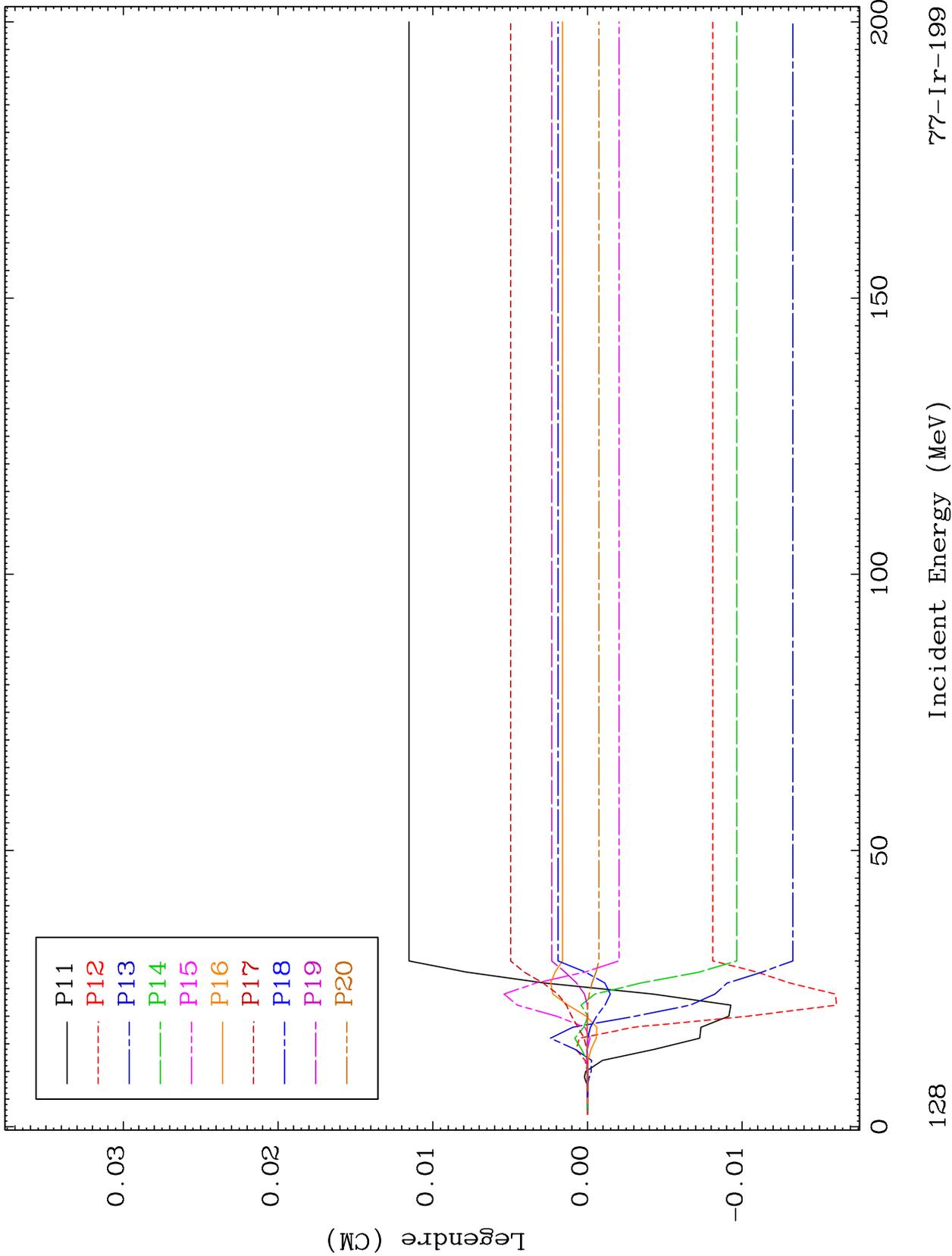
Incident Energy (MeV)

127

MAT 7749

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

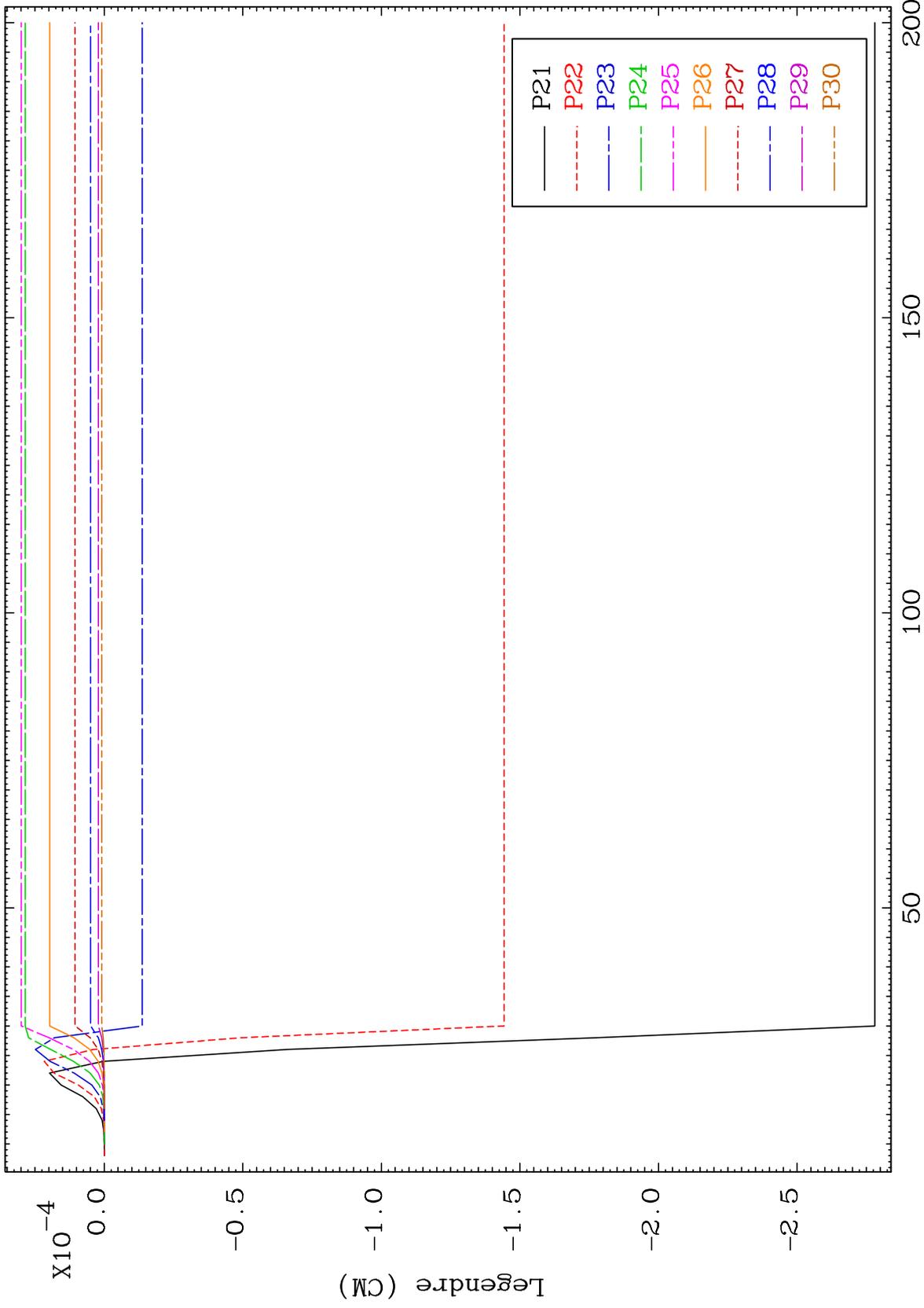
77-Ir-199



128

Incident Energy (MeV)

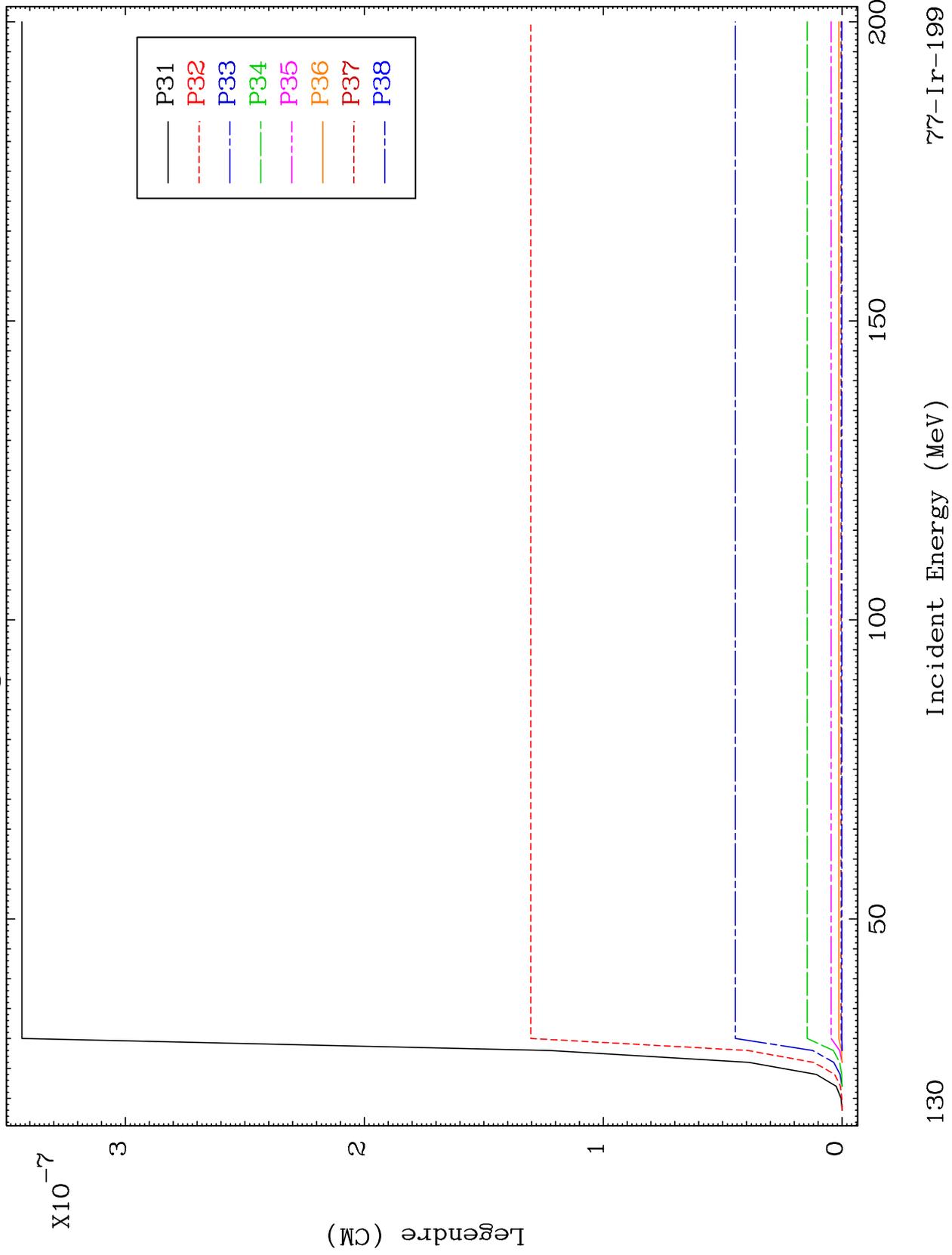
77-Ir-199



MAT 7749

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

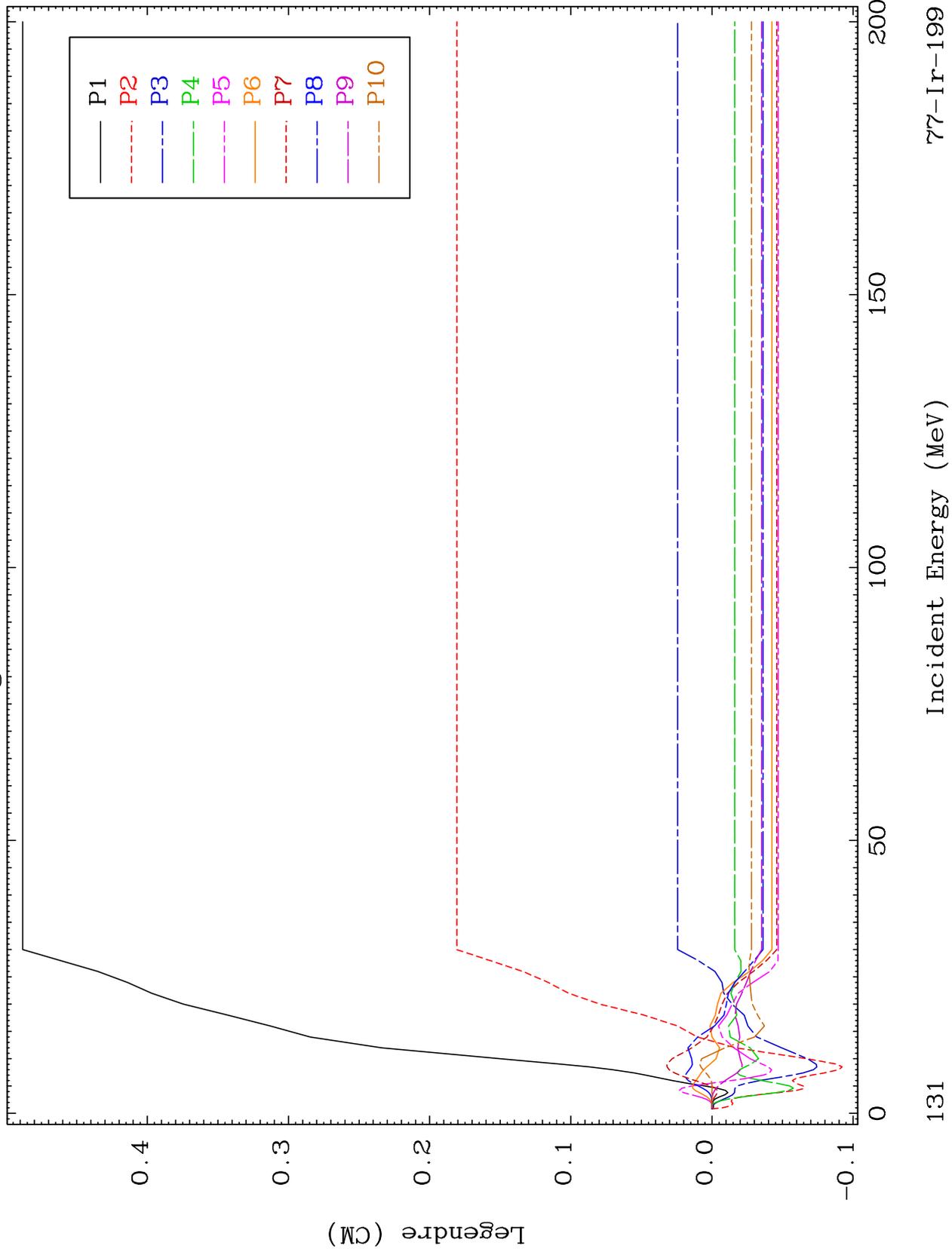
77-Ir-199



MAT 7749

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

77-Ir-199



77-Ir-199

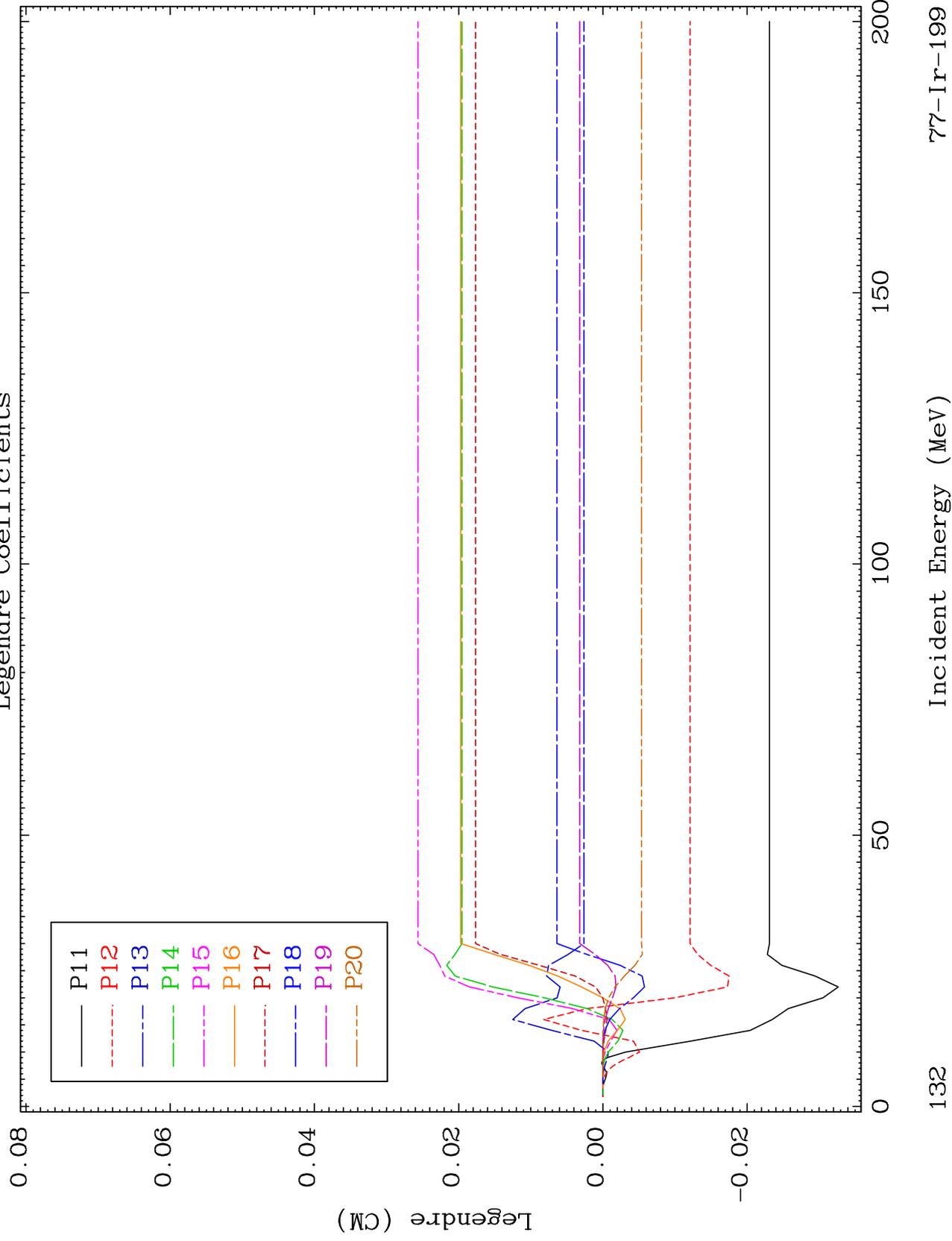
Incident Energy (MeV)

131

MAT 7749

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

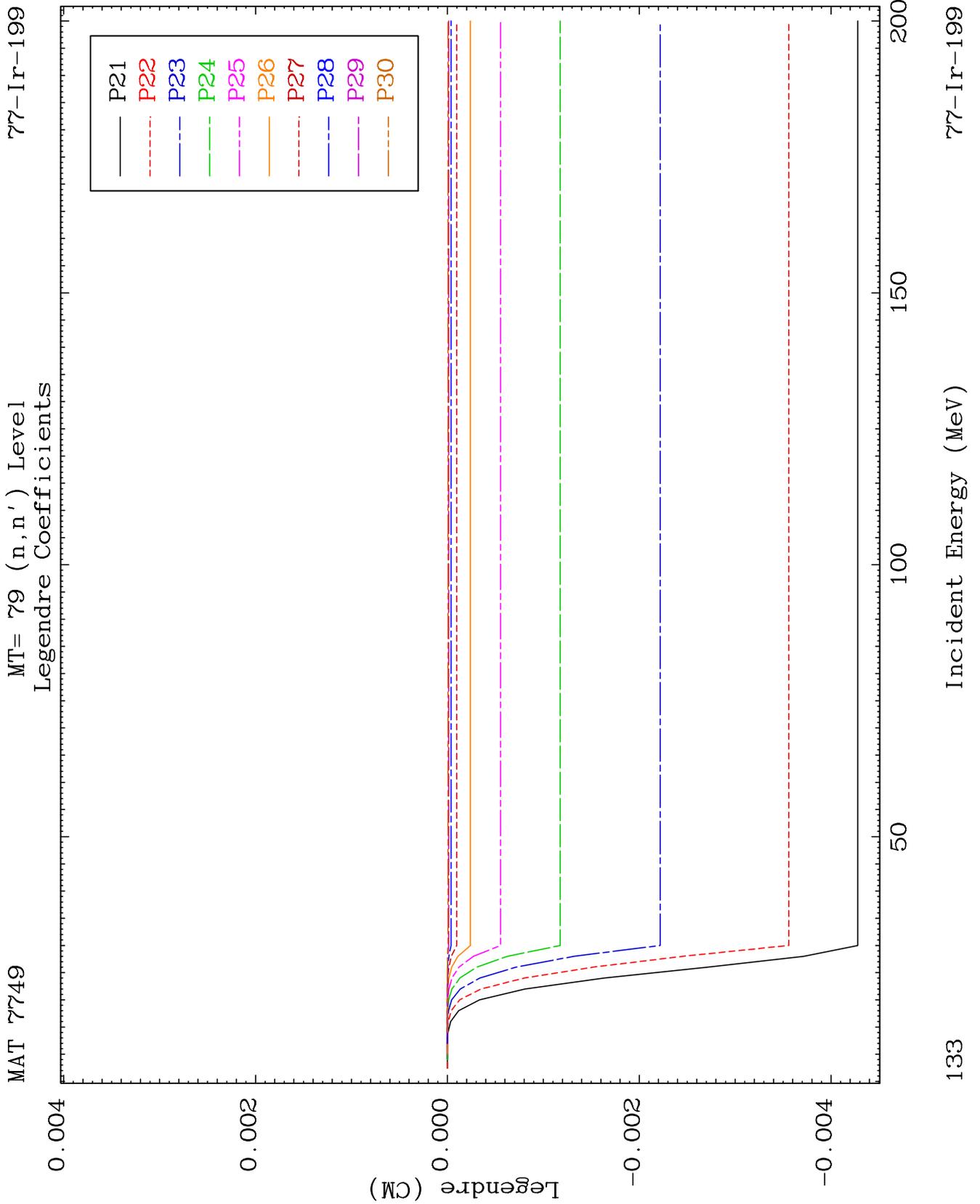
77-Ir-199

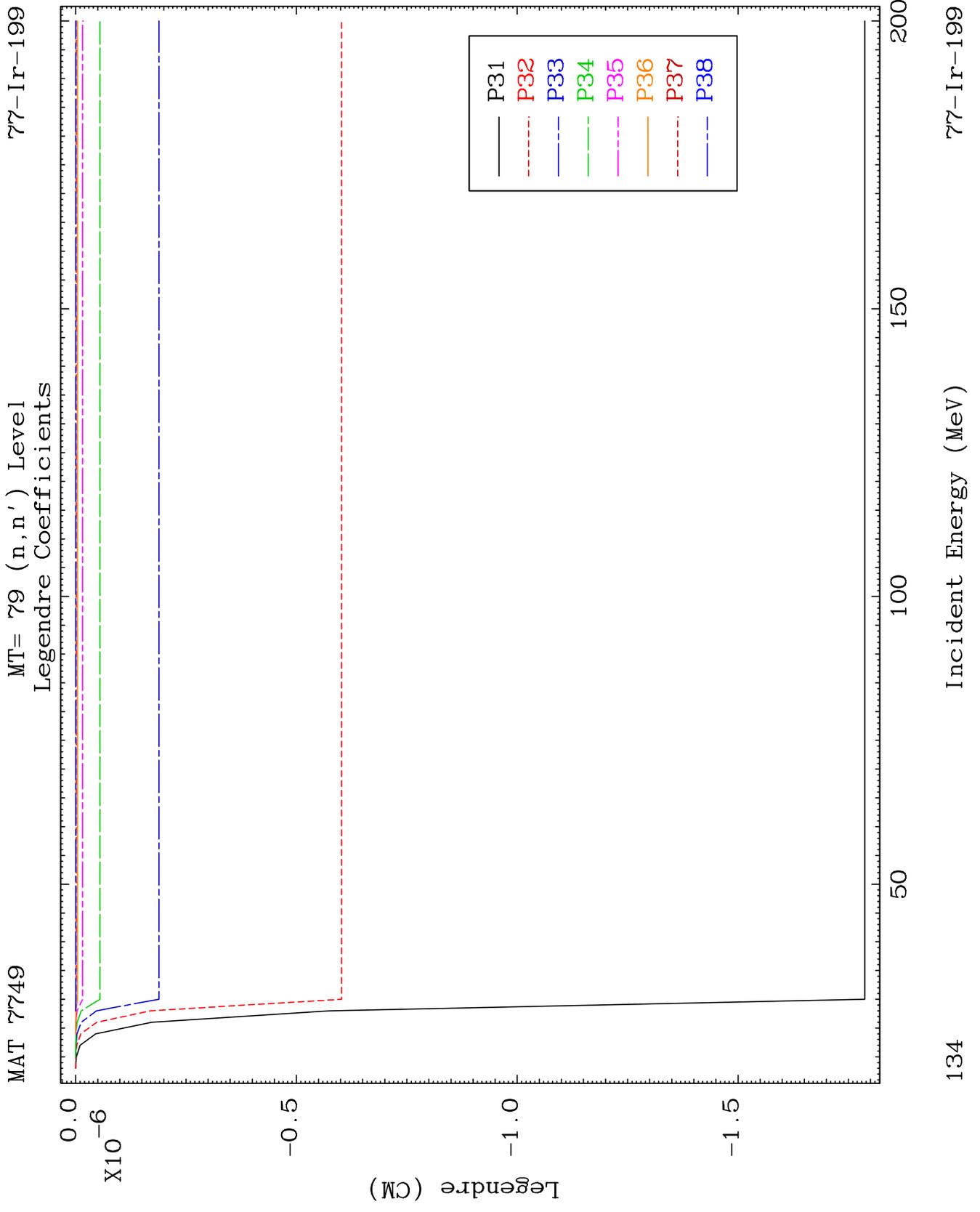


132

Incident Energy (MeV)

77-Ir-199

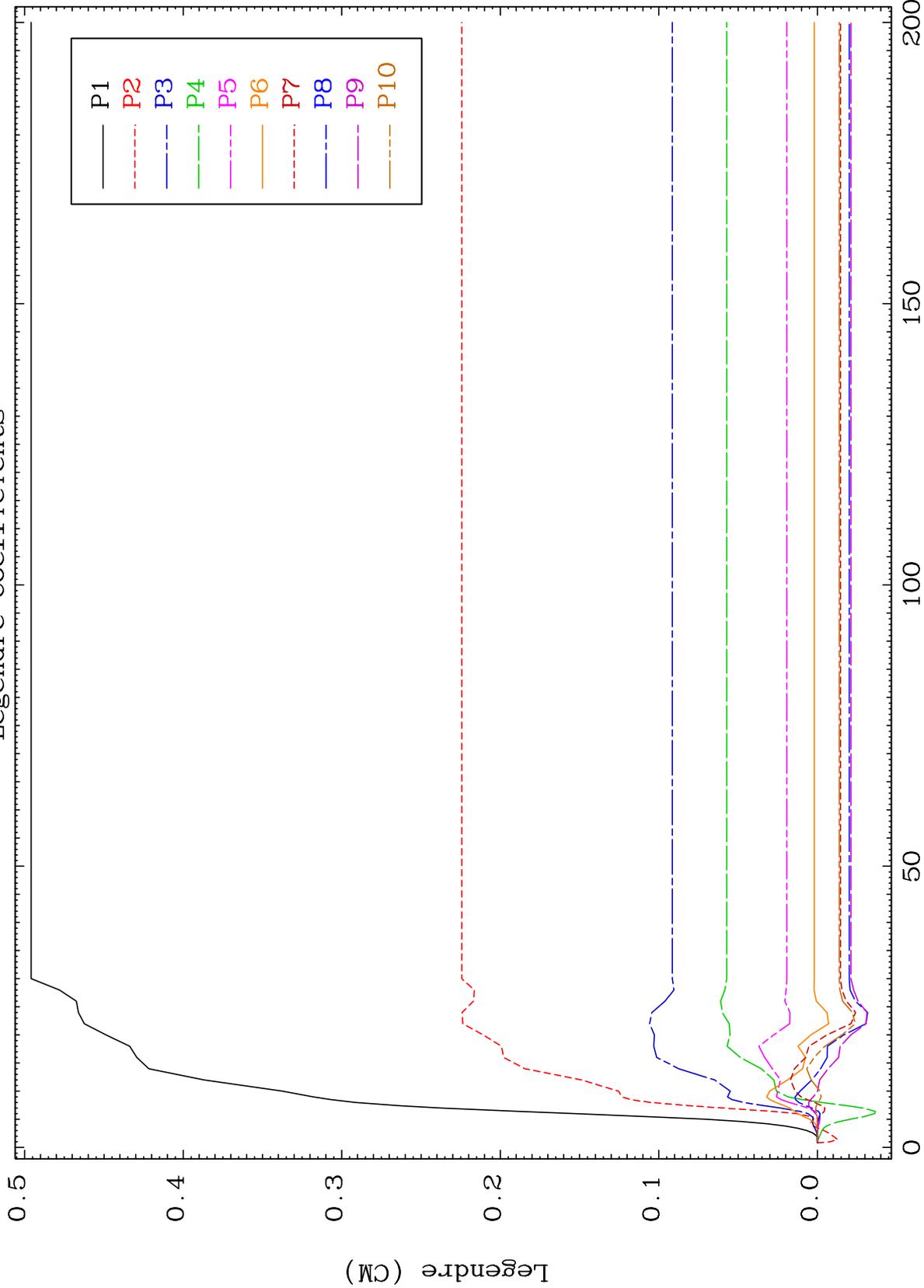




MAT 7749

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

77-Ir-199



Incident Energy (MeV)

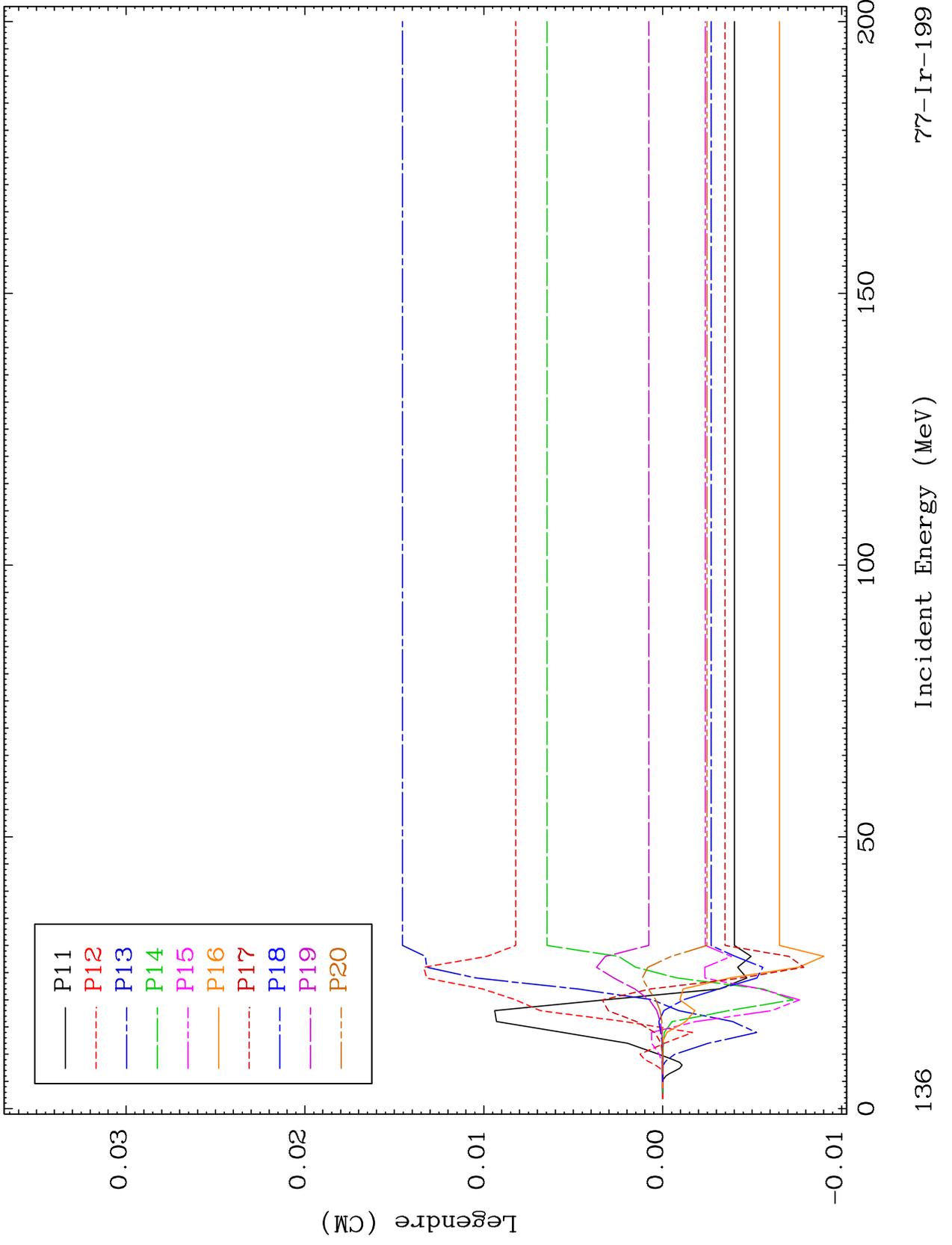
77-Ir-199

135

MAT 7749

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

77-Ir-199



136

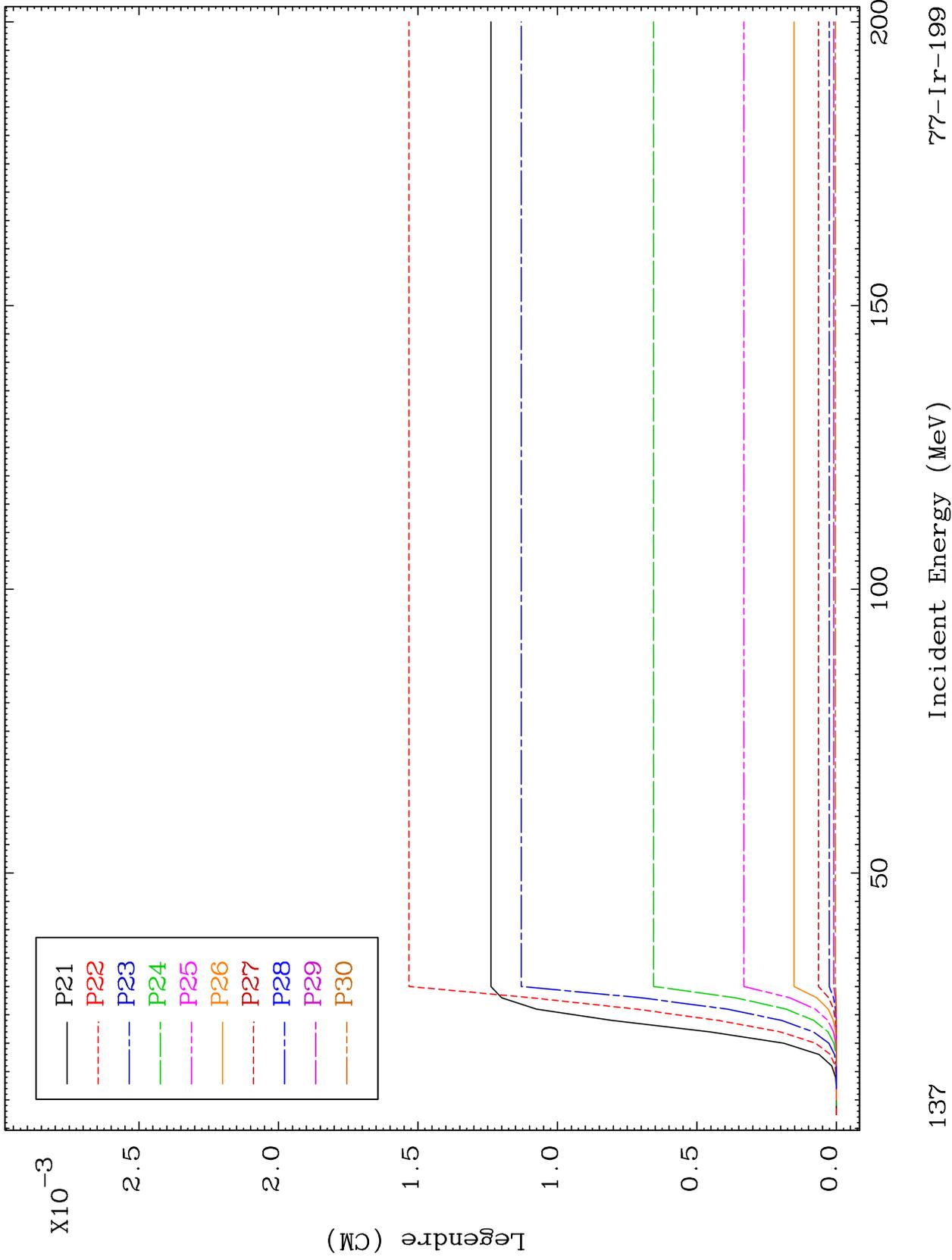
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



137

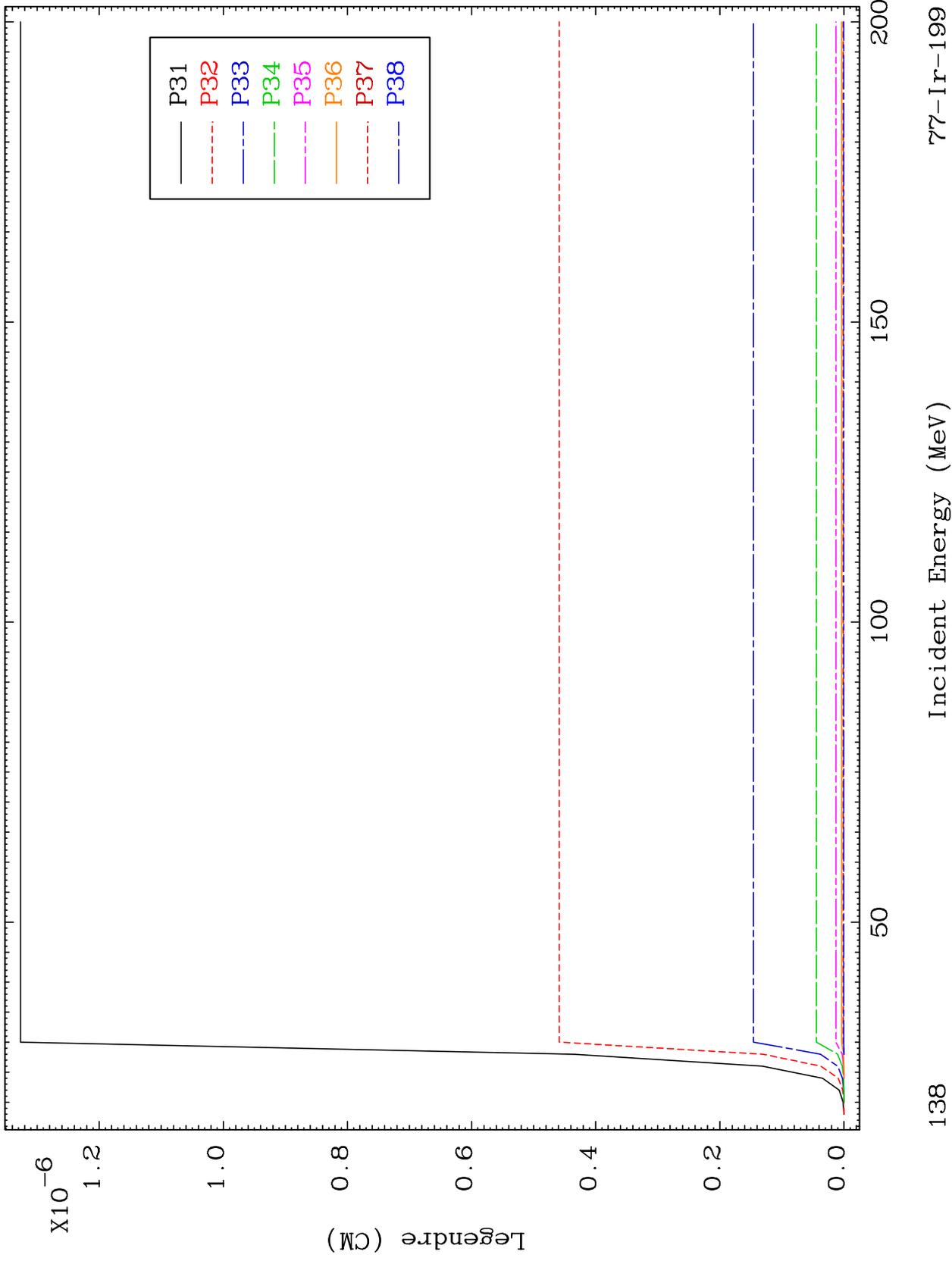
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

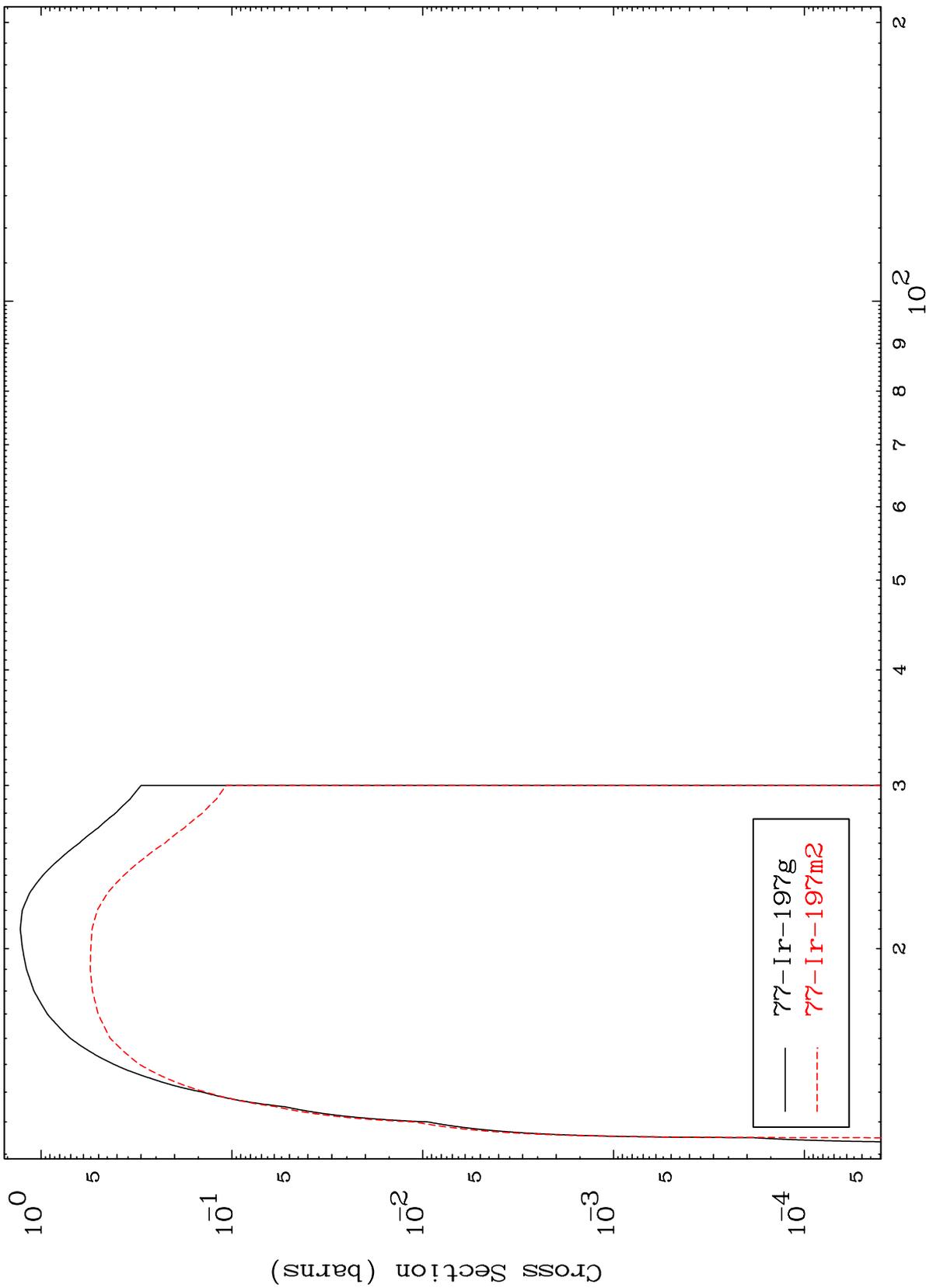
77-Ir-199



138

77-Ir-199

(n,3n)
Radionuclide Production Cross Section

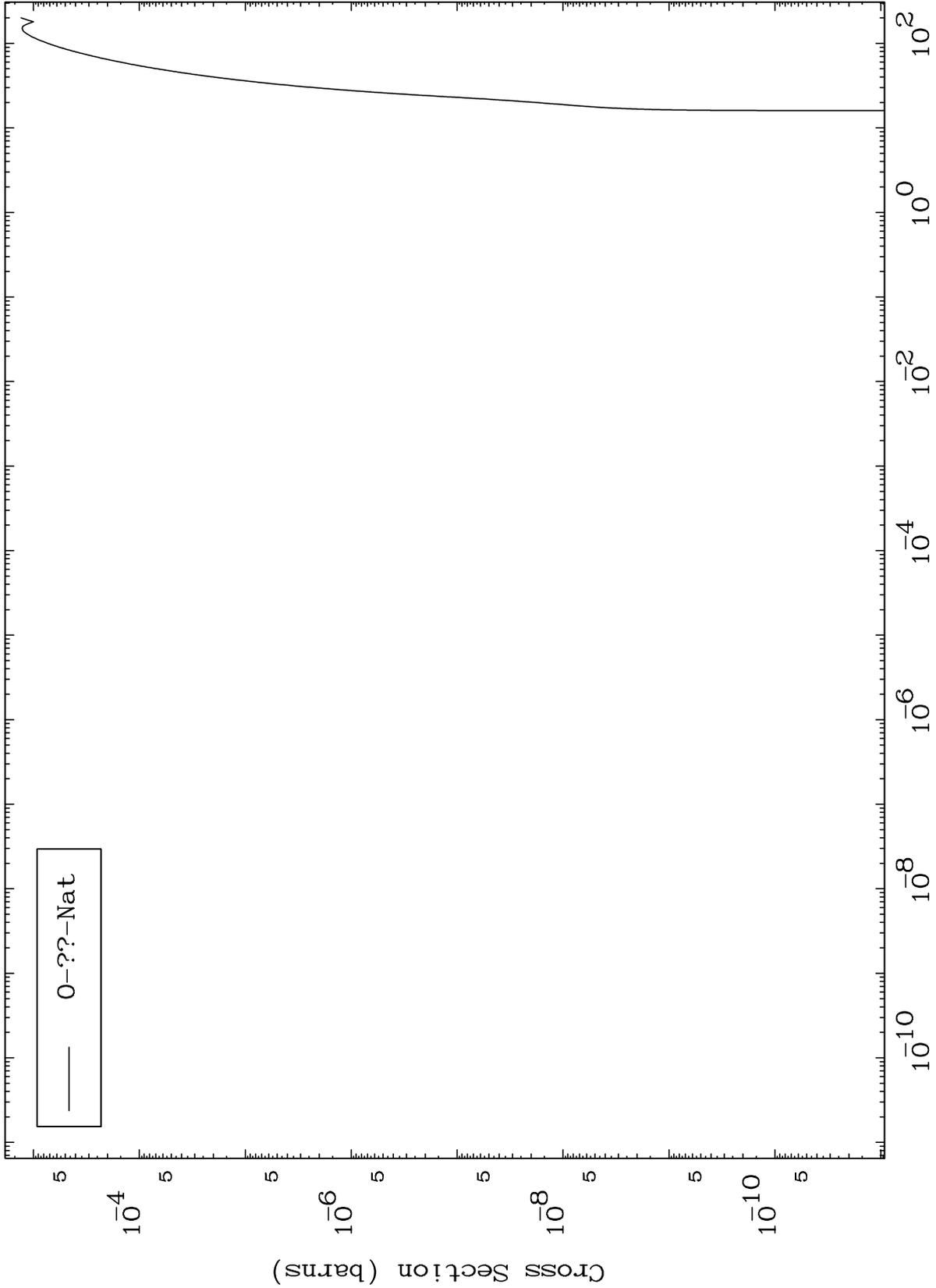


MAT 7749

Fission

⁷⁷Ir-199

Radionuclide Production Cross Section



140

Incident Energy (MeV)

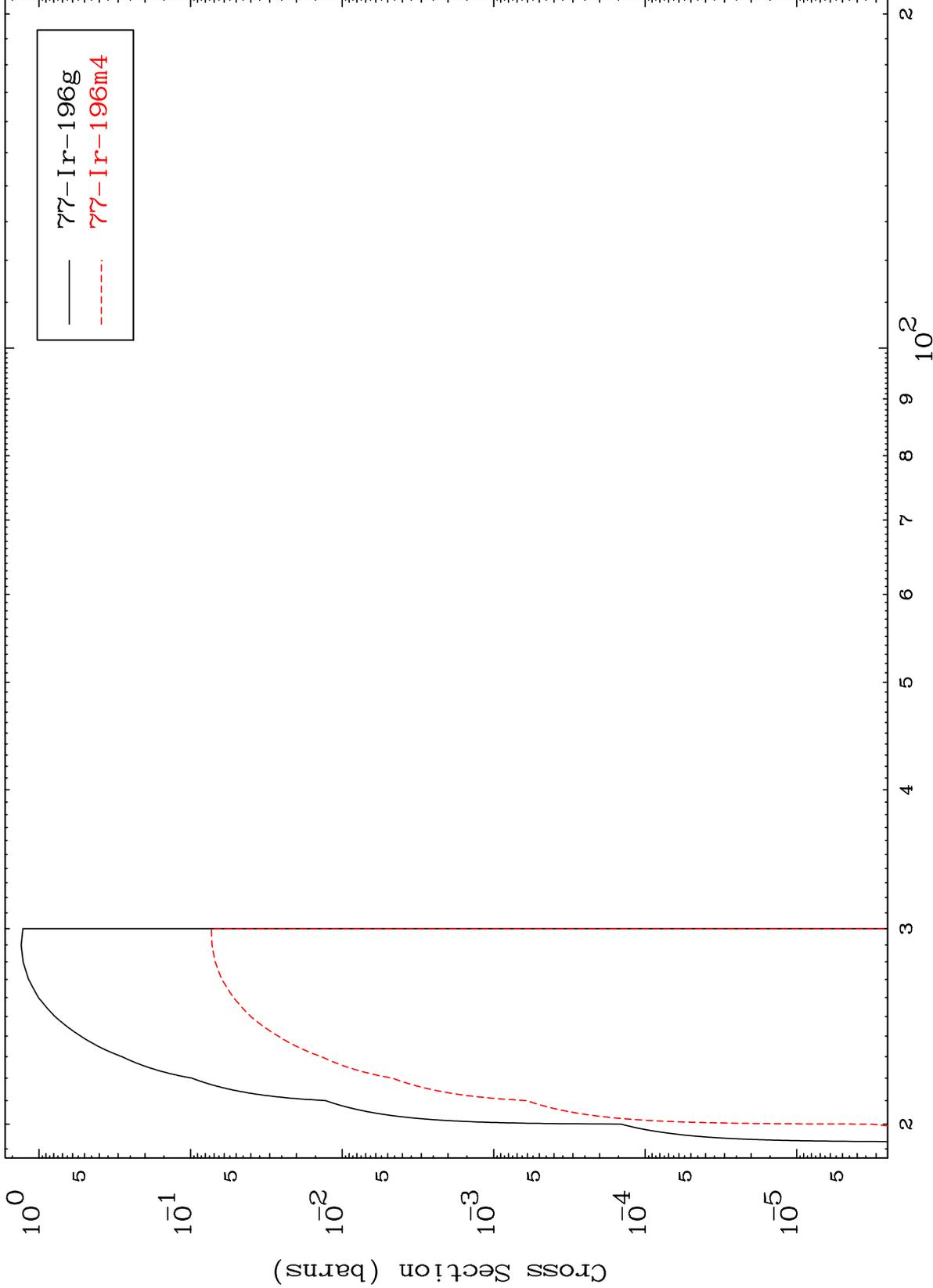
⁷⁷Ir-199

MAT 7749

(n,4n)

77-Ir-199

Radionuclide Production Cross Section



141

Incident Energy (MeV)

77-Ir-199