

Program EVALPLOT
(Version 2021-1)

by

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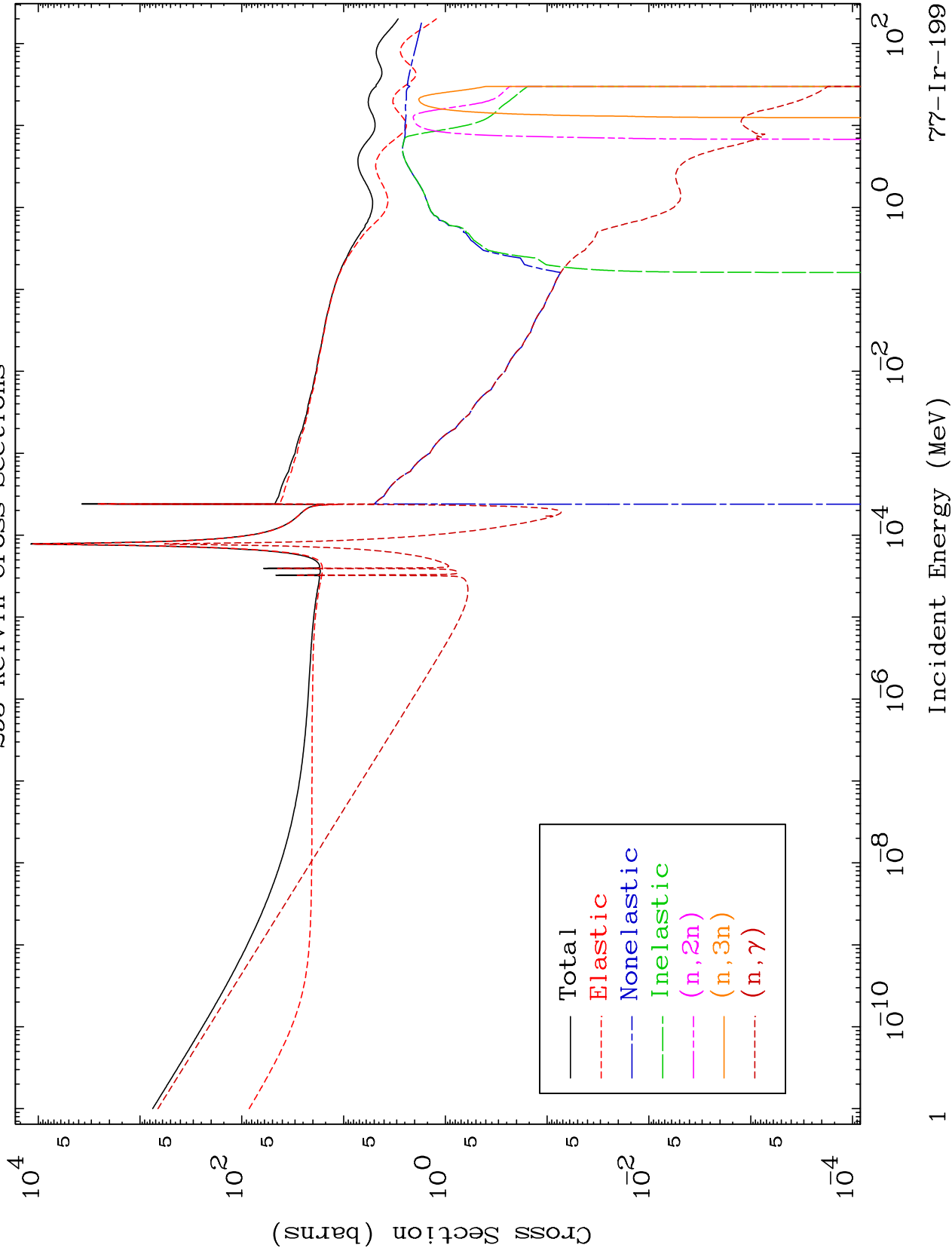
Web: redcullen1.net/HOMEPAGE.NEW

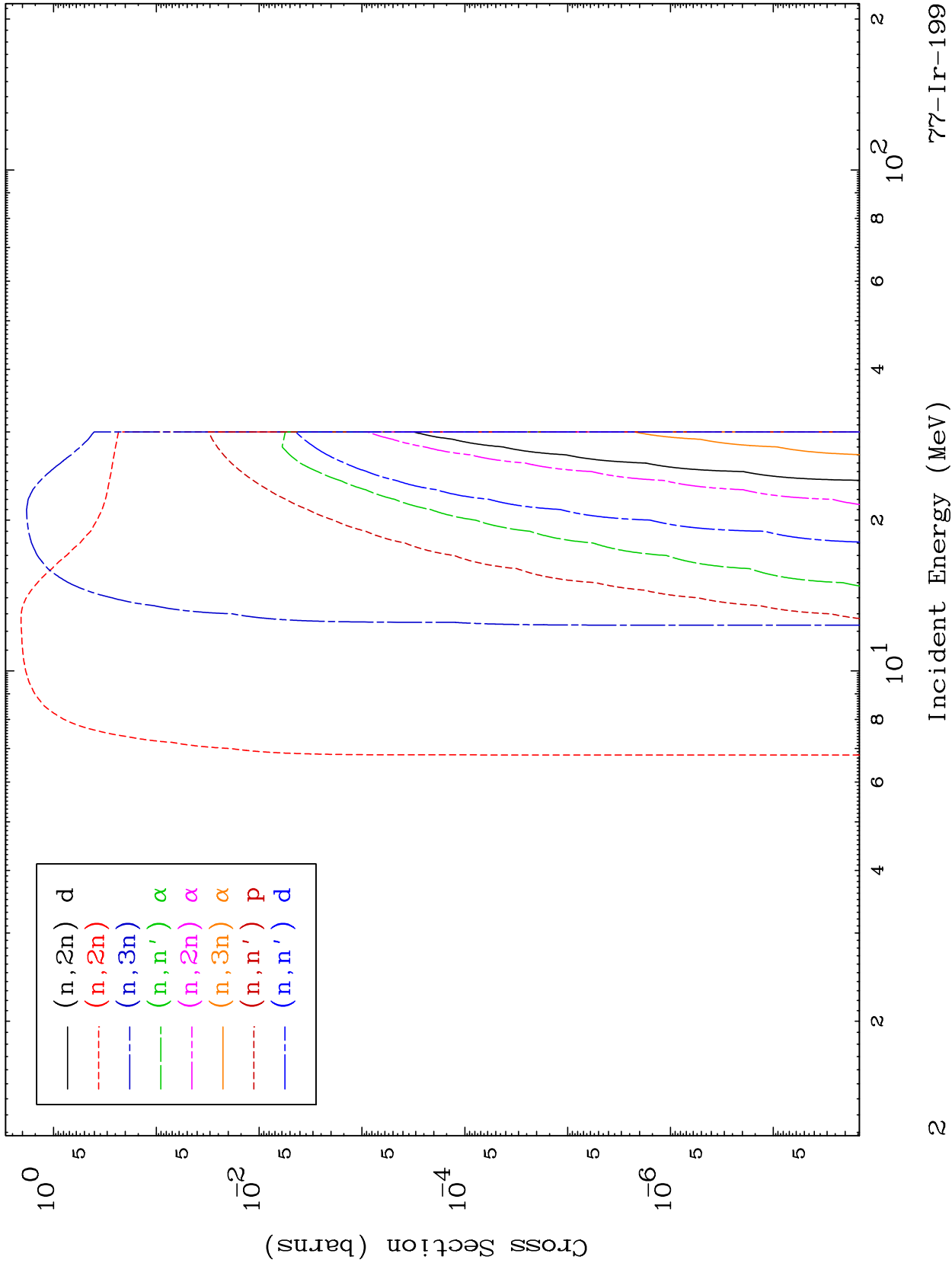
Press Mouse Button to Start

MAT 7749

Neutron Major
293 Kelvin Cross Sections

77-Ir-199

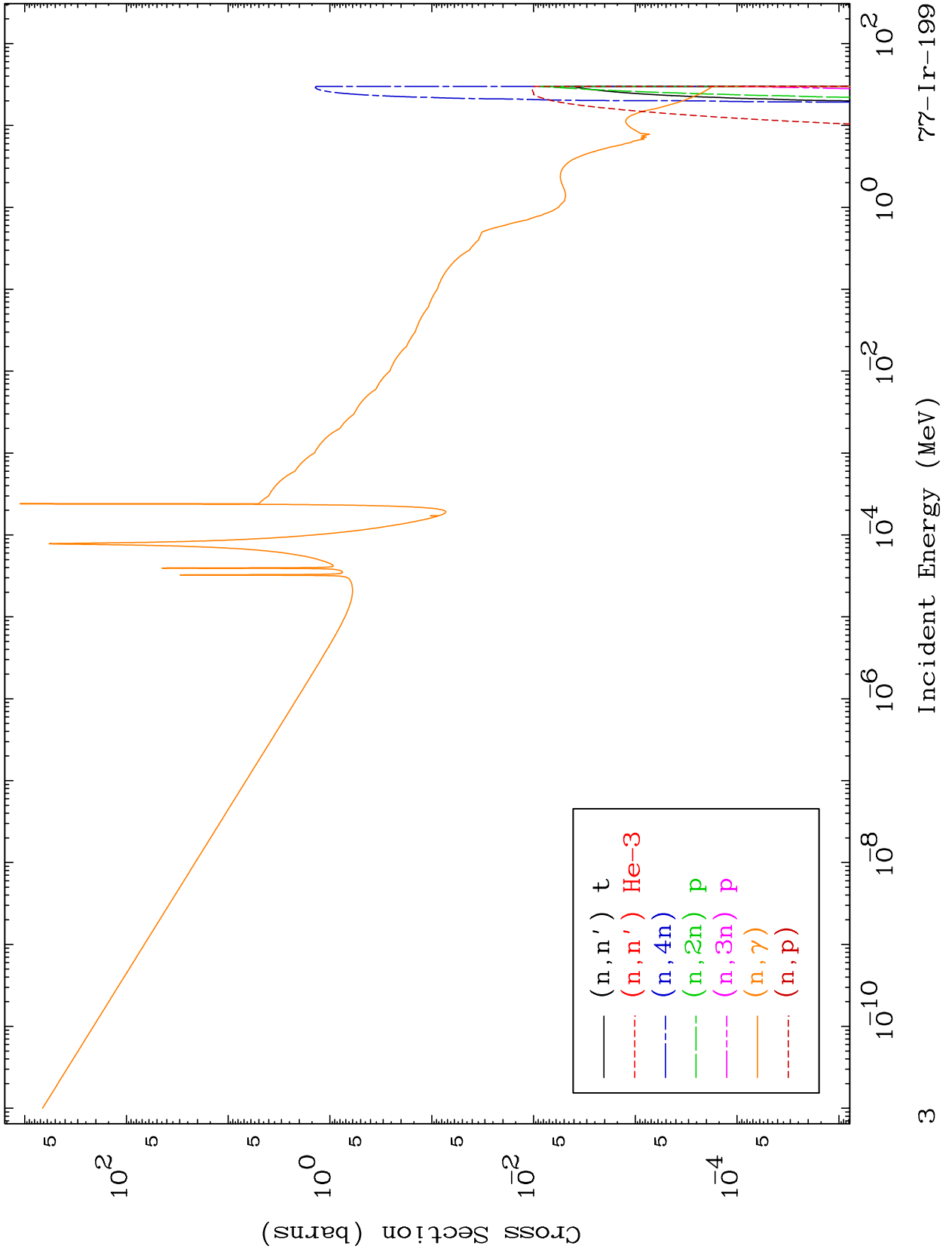


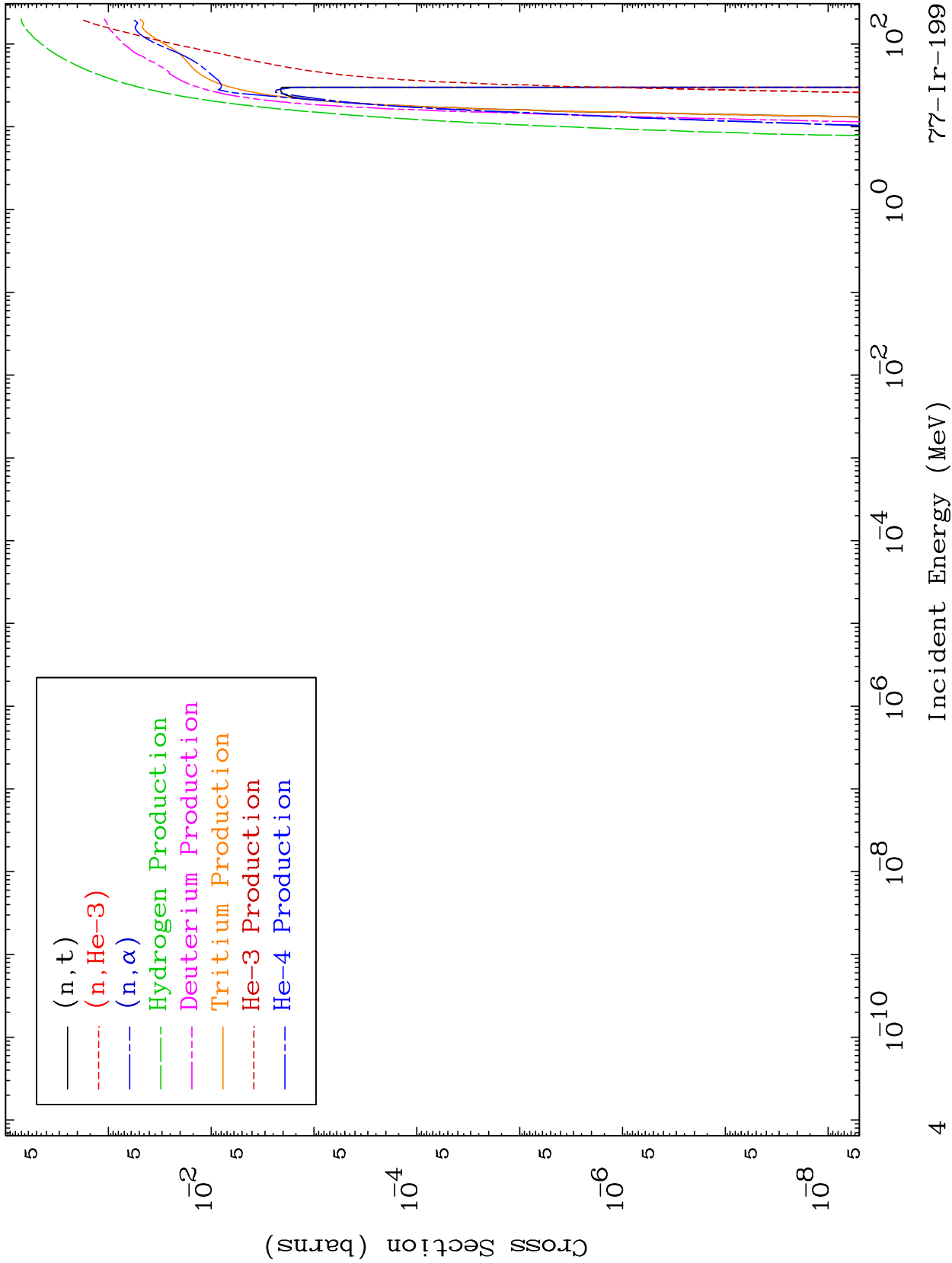


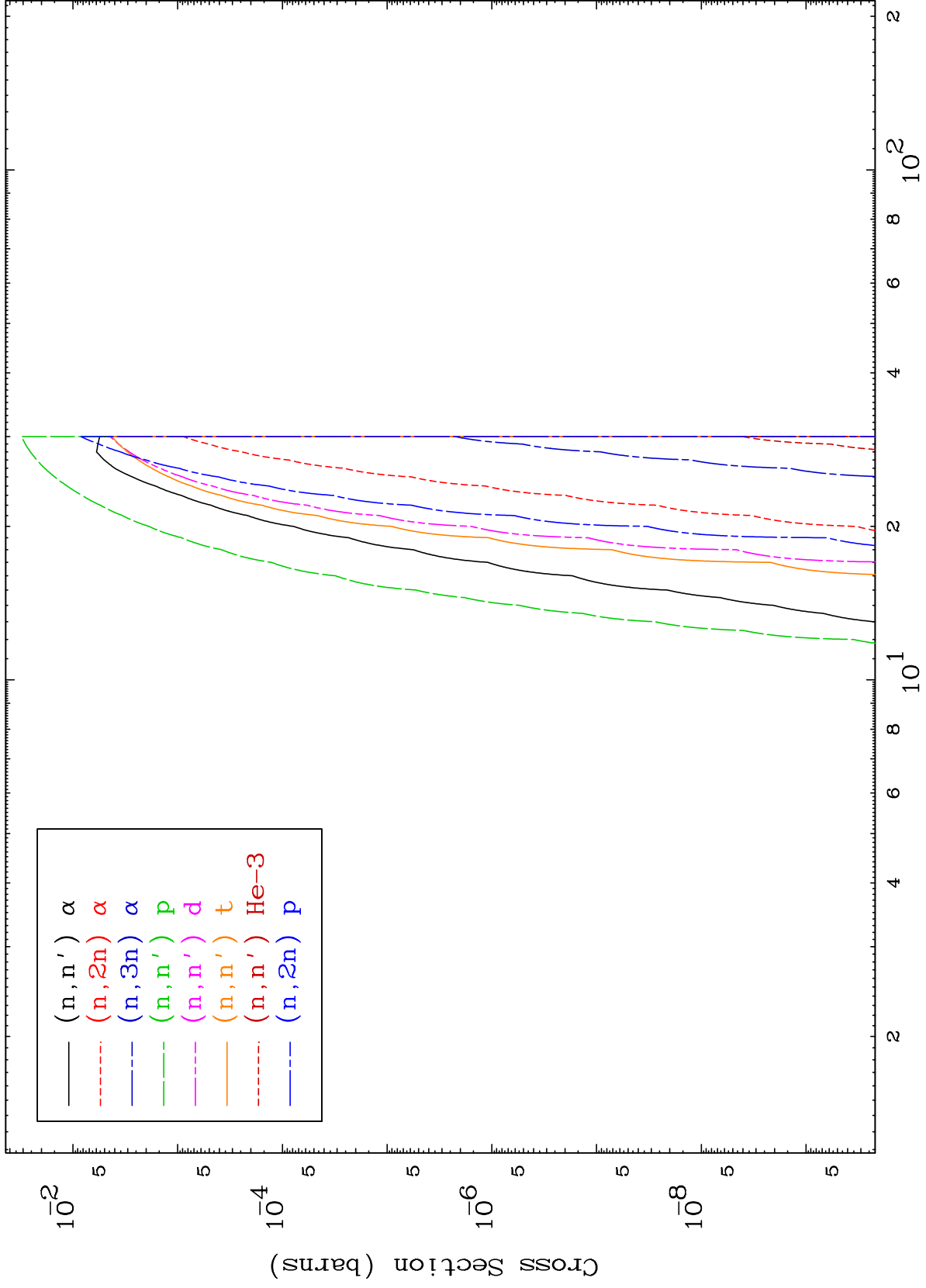
MAT 7749

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-199



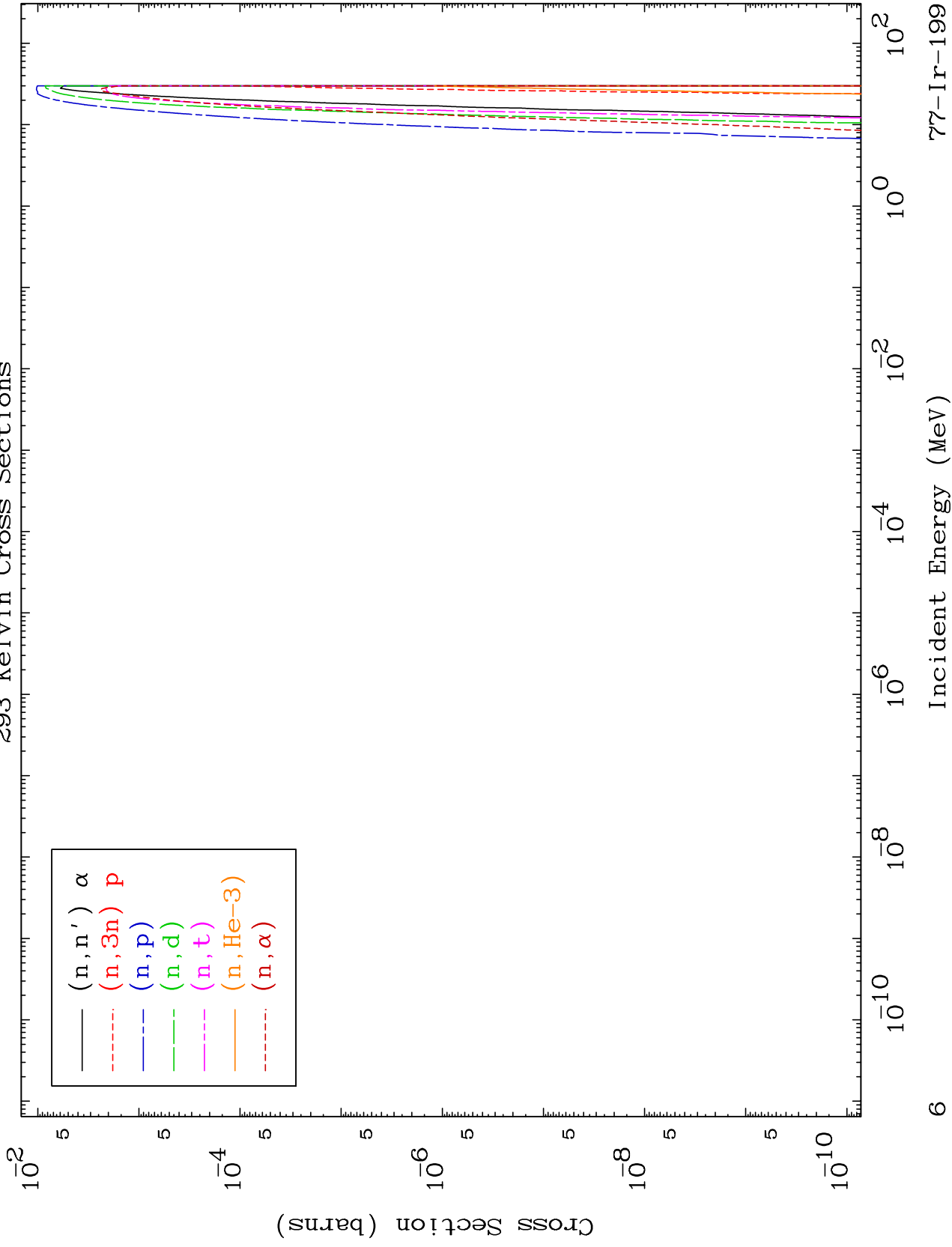


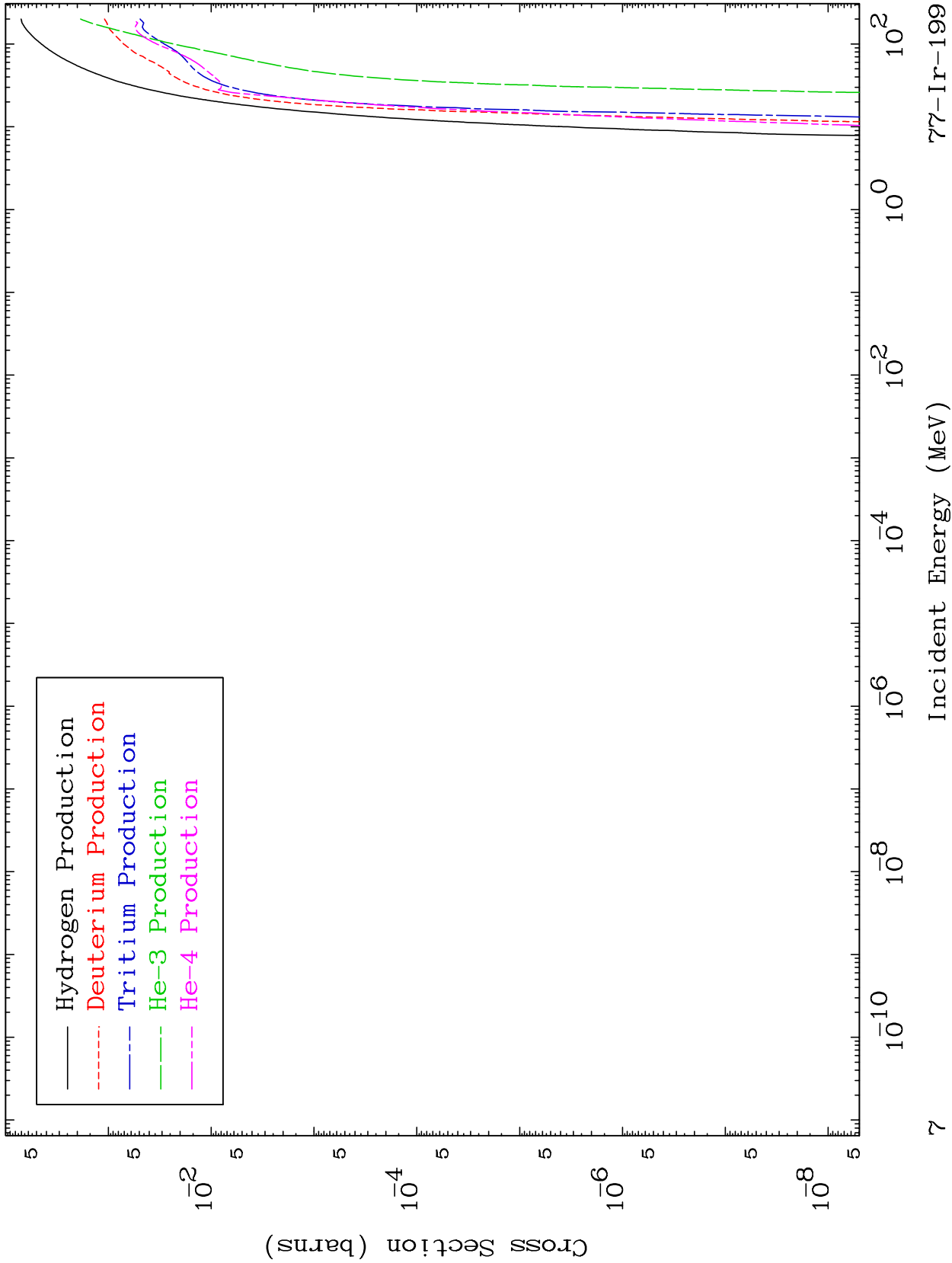


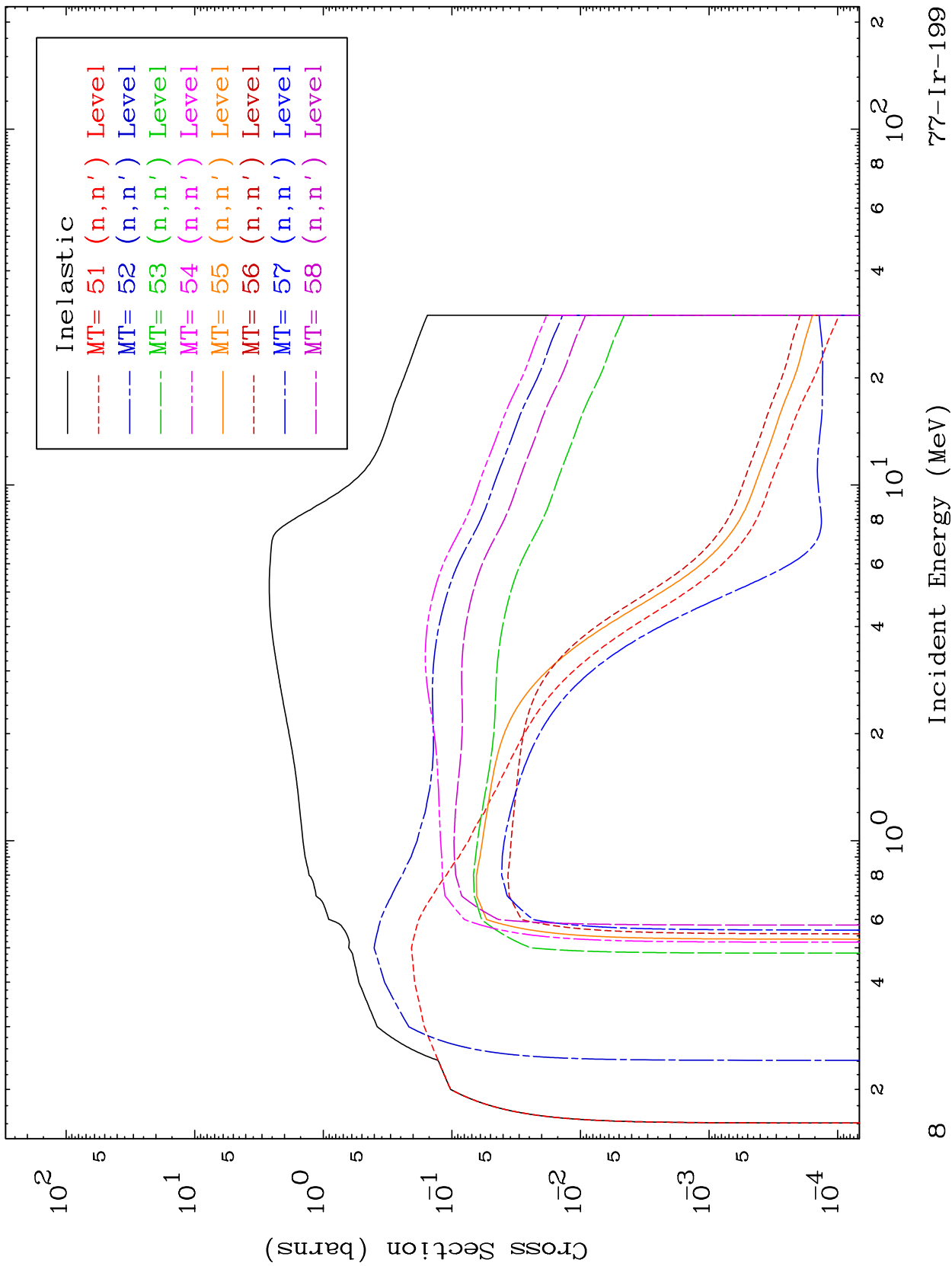
MAT 7749

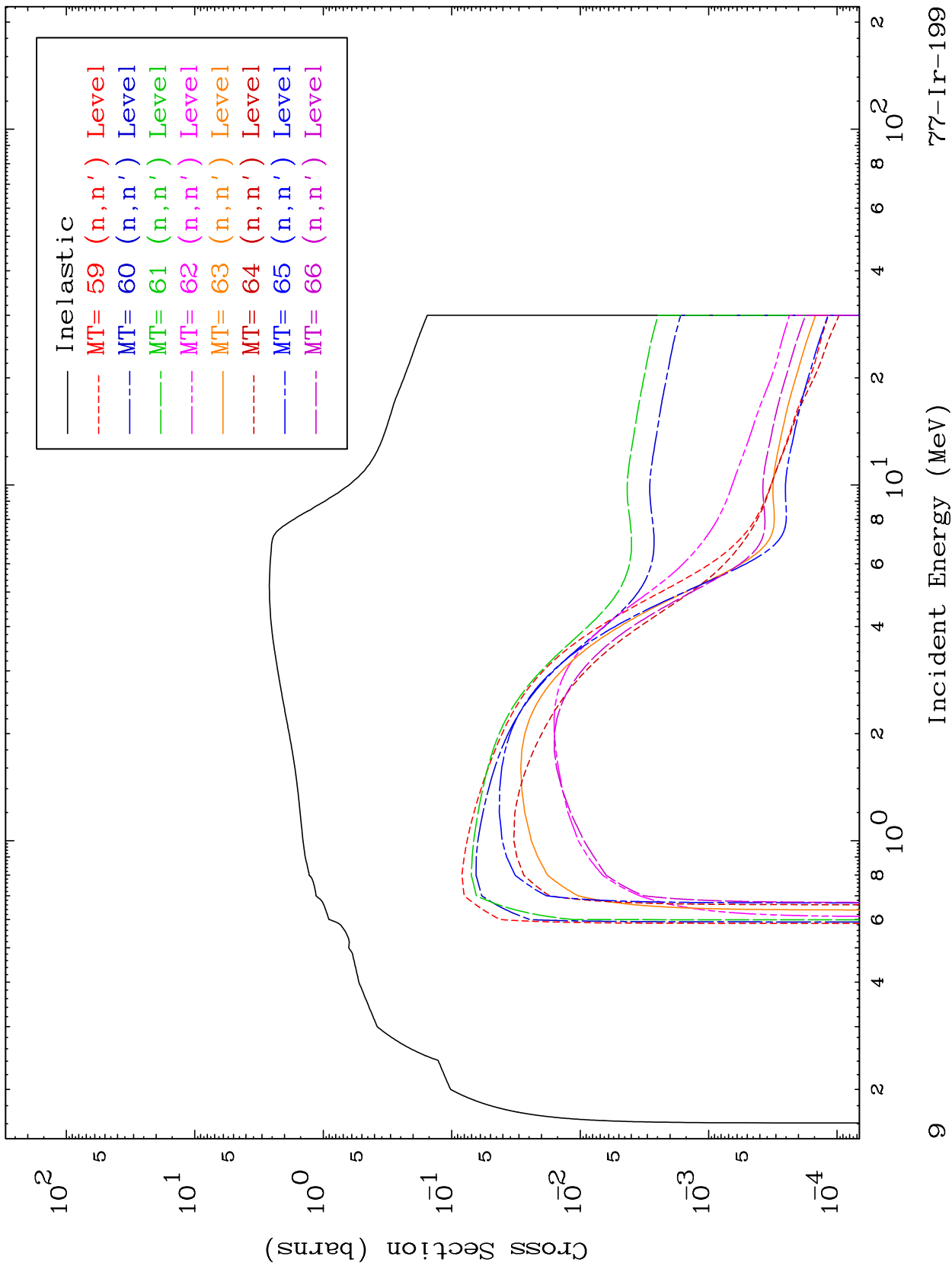
Charged Particle
293 Kelvin Cross Sections

77-Ir-199







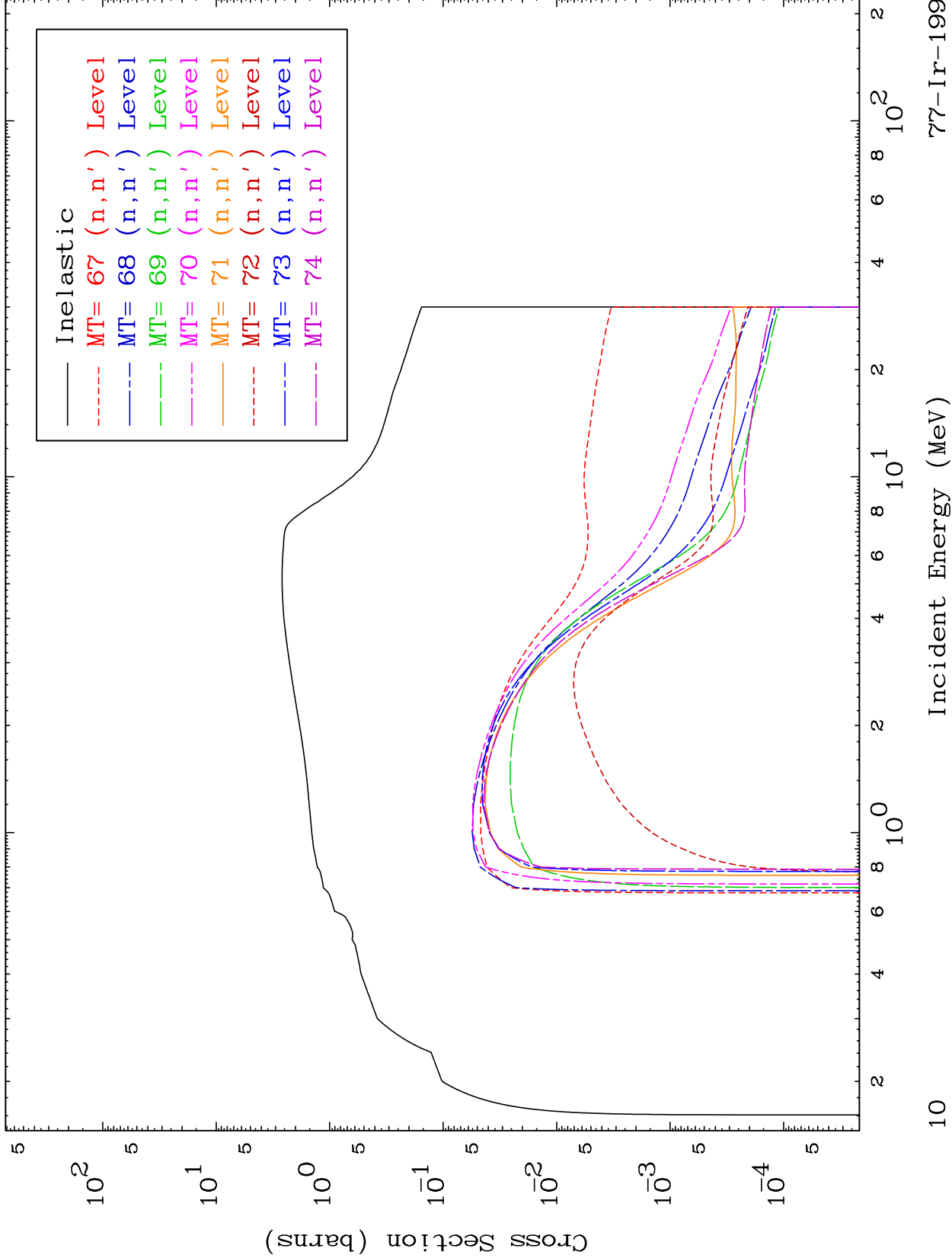


MAT 7749

(n,n') Levels

77-Ir-199

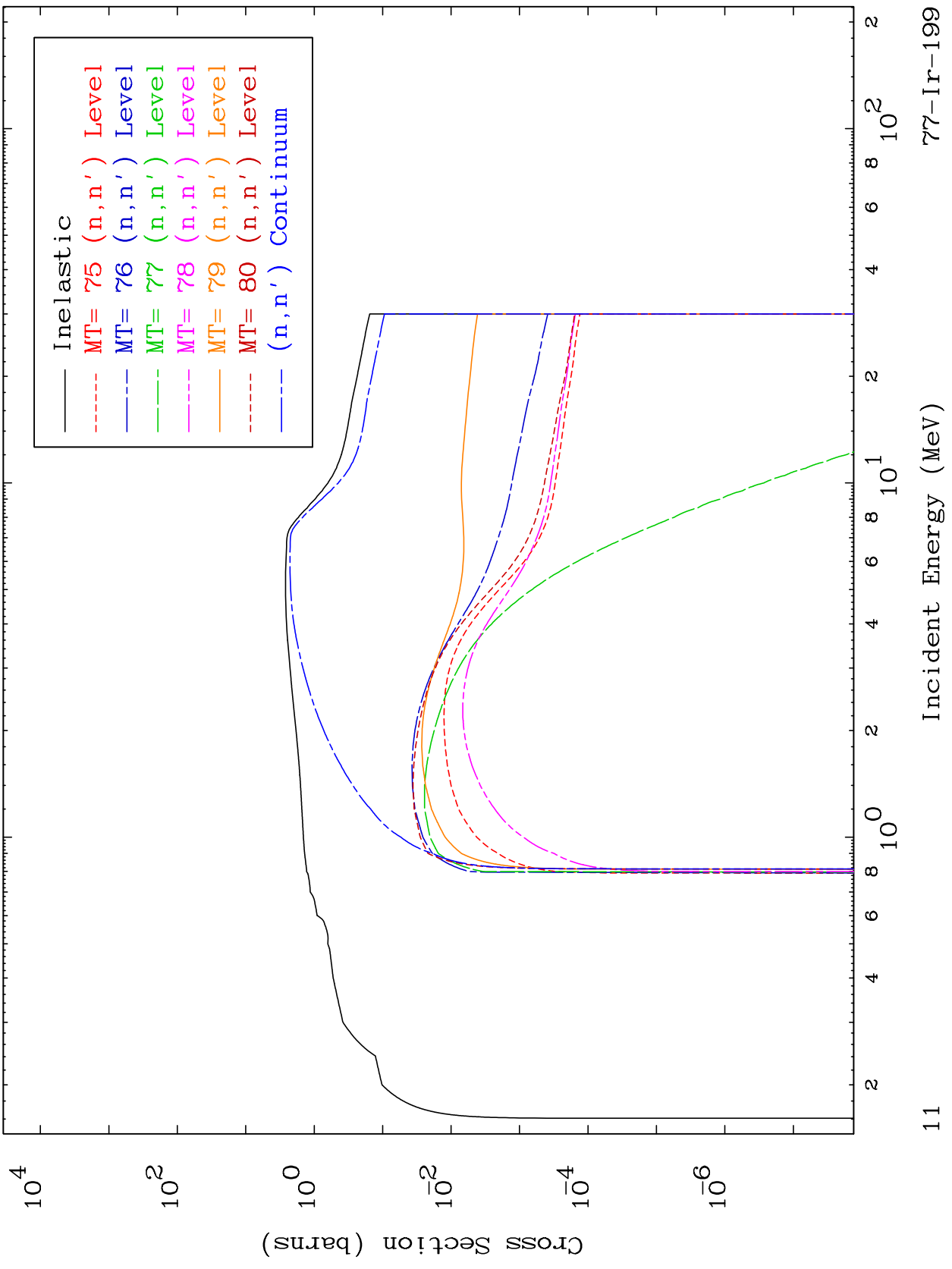
293 Kelvin Cross Sections



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Incident Energy (MeV)

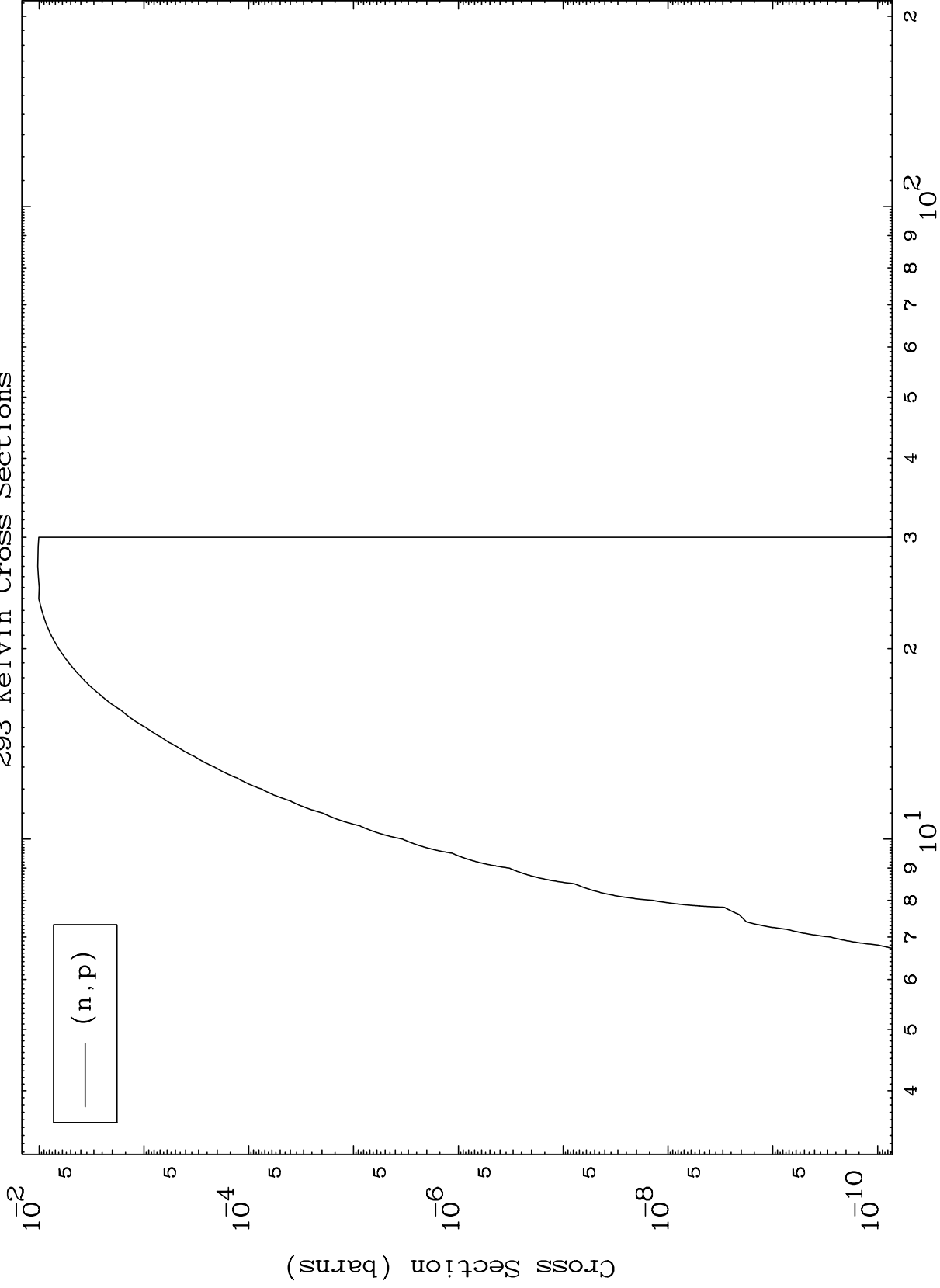
77-Ir-199



MAT 7749

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-199



12

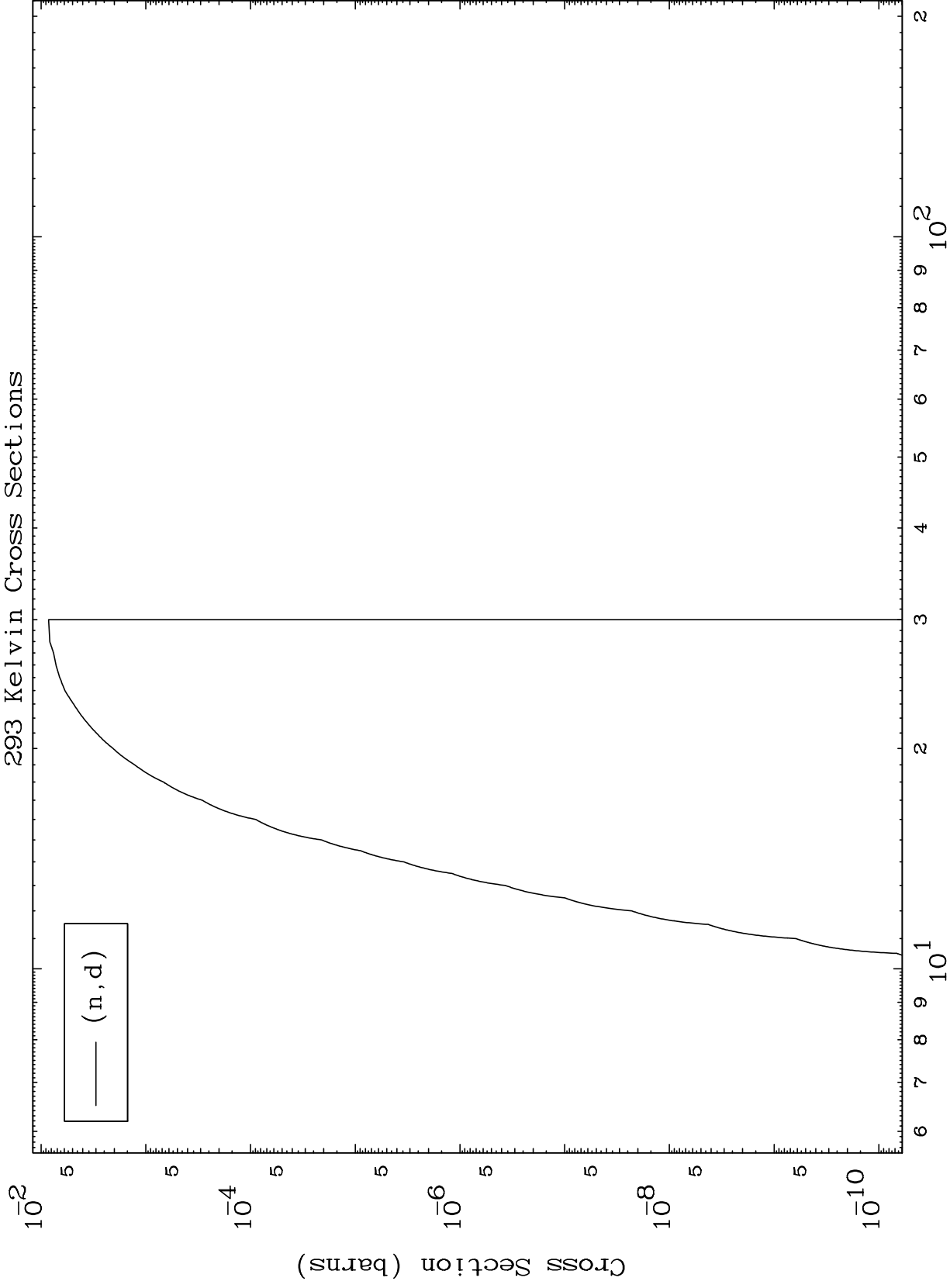
Incident Energy (MeV)

77-Ir-199

MAT 7749

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-199



13

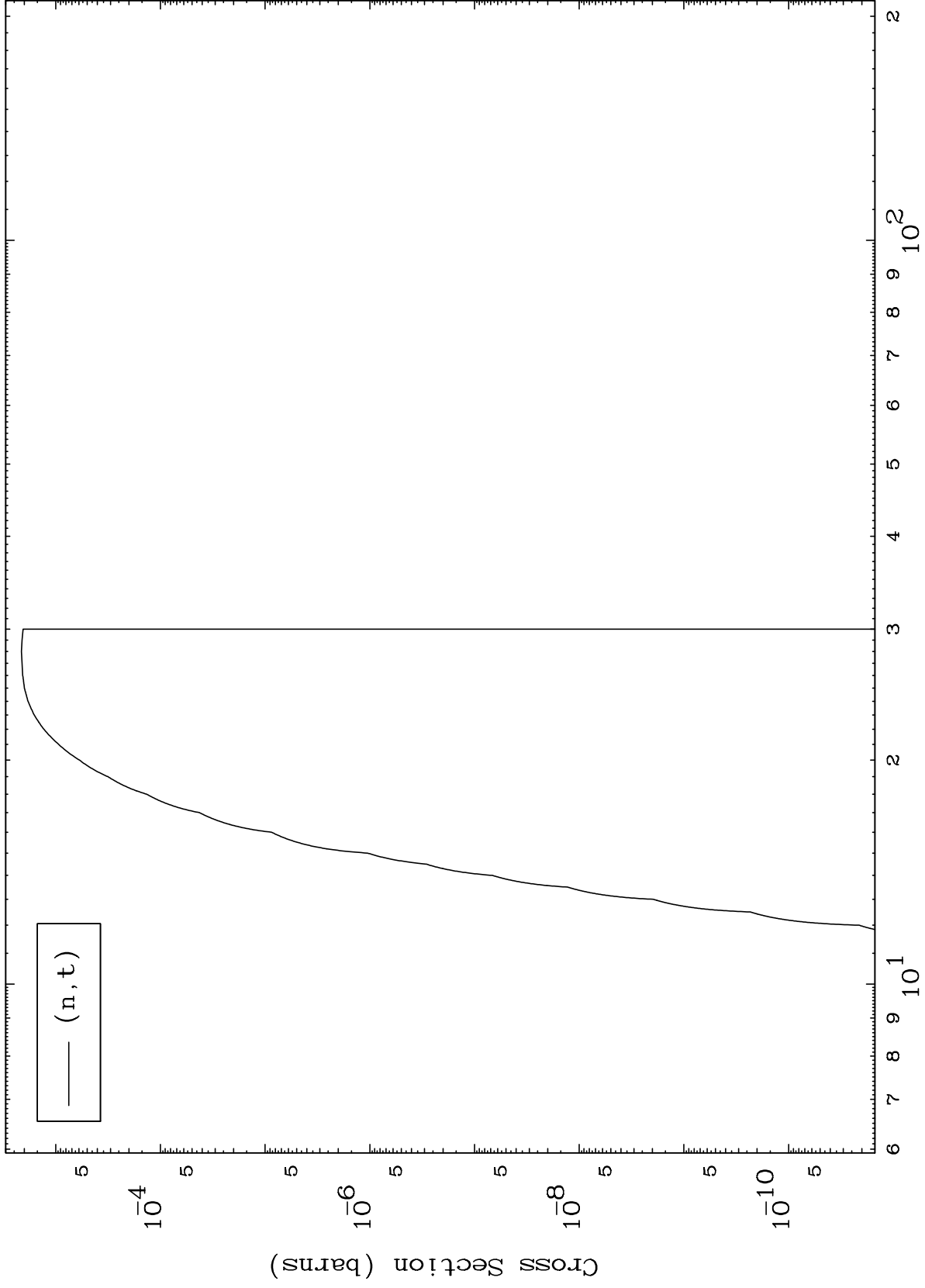
Incident Energy (MeV)

77-Ir-199

MAT 7749

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-199



14

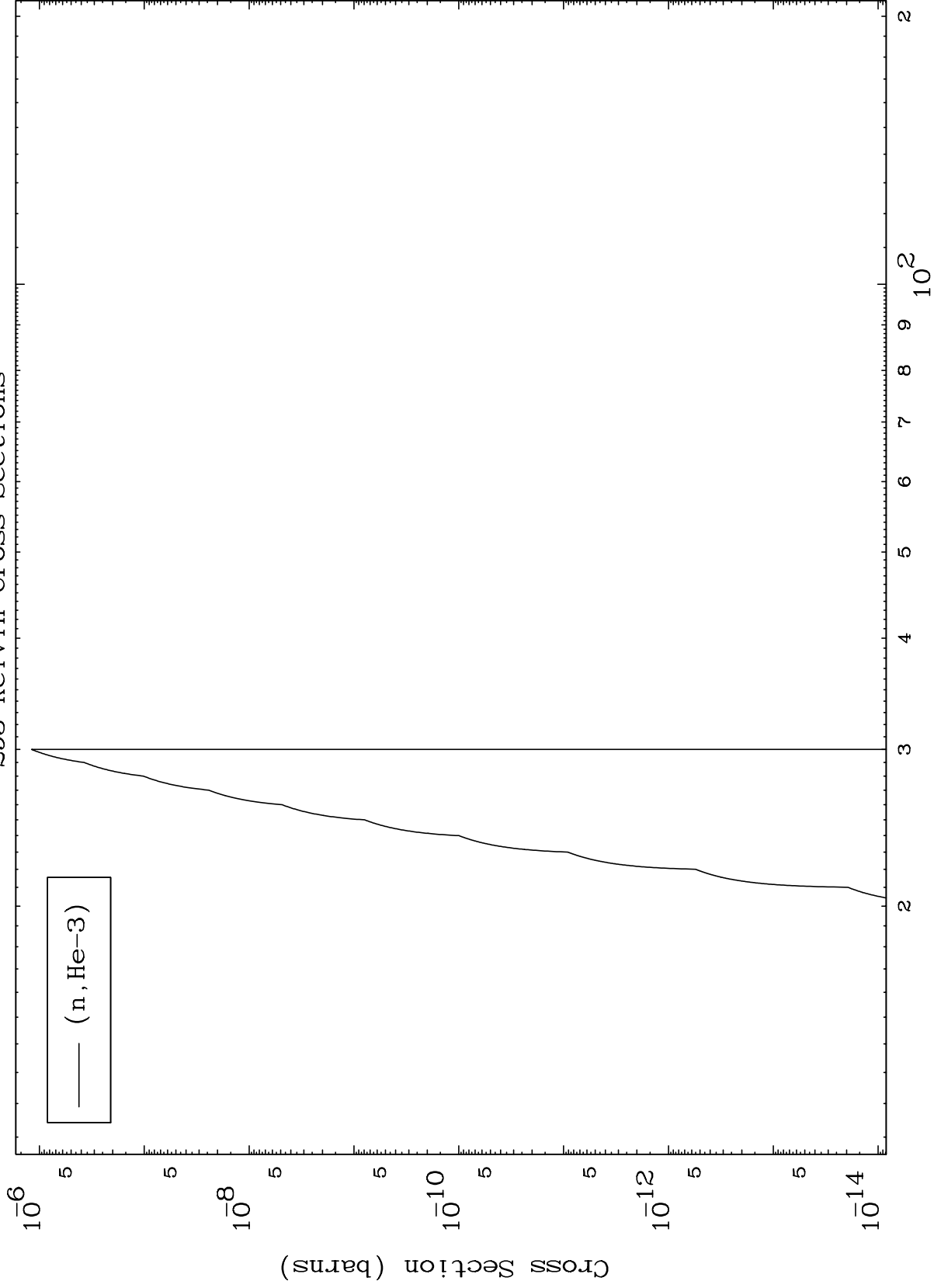
Incident Energy (MeV)

77-Ir-199

MAT 7749

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-199



15

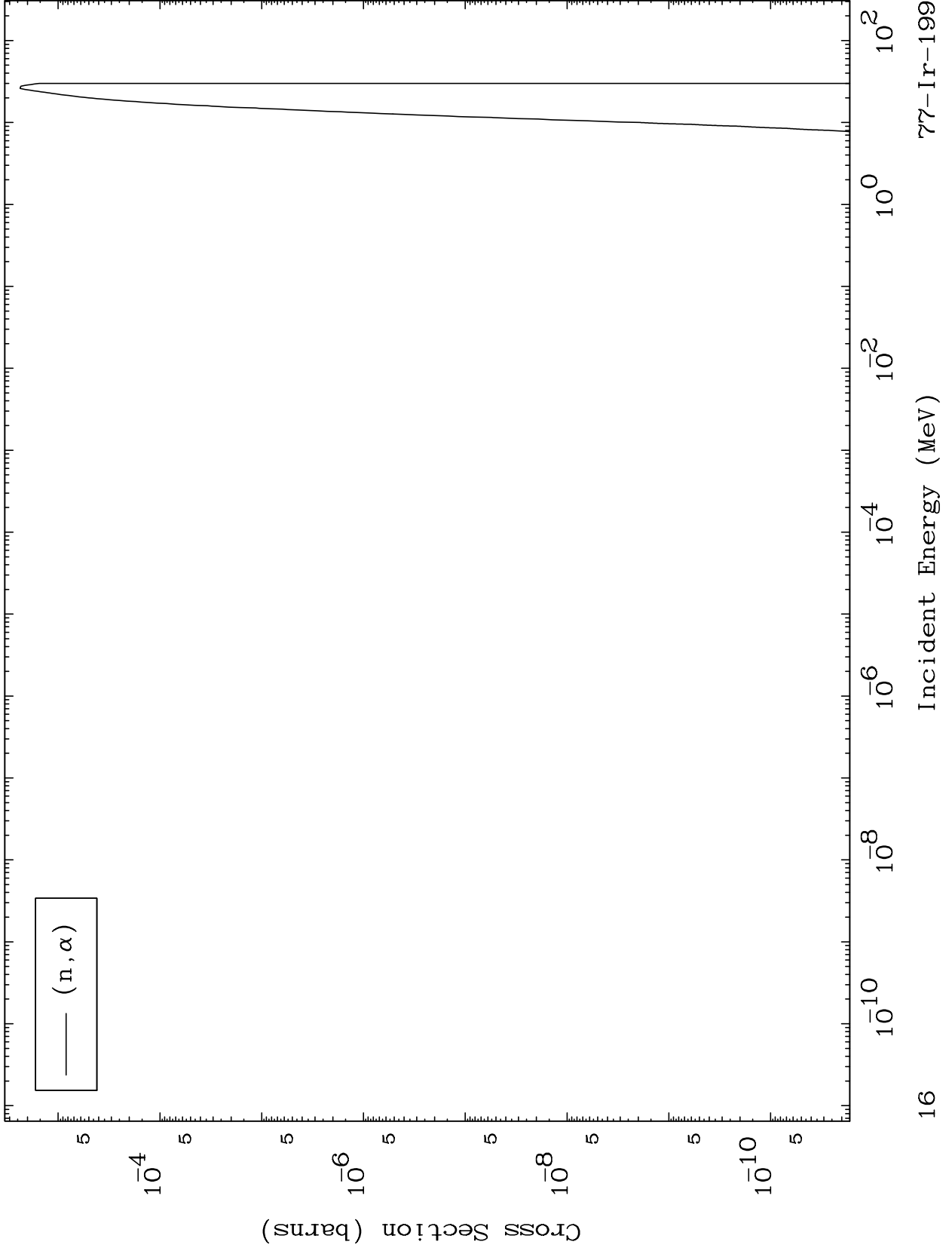
Incident Energy (MeV)

77-Ir-199

MAT 7749

(n, α) Levels
293 Kelvin Cross Sections

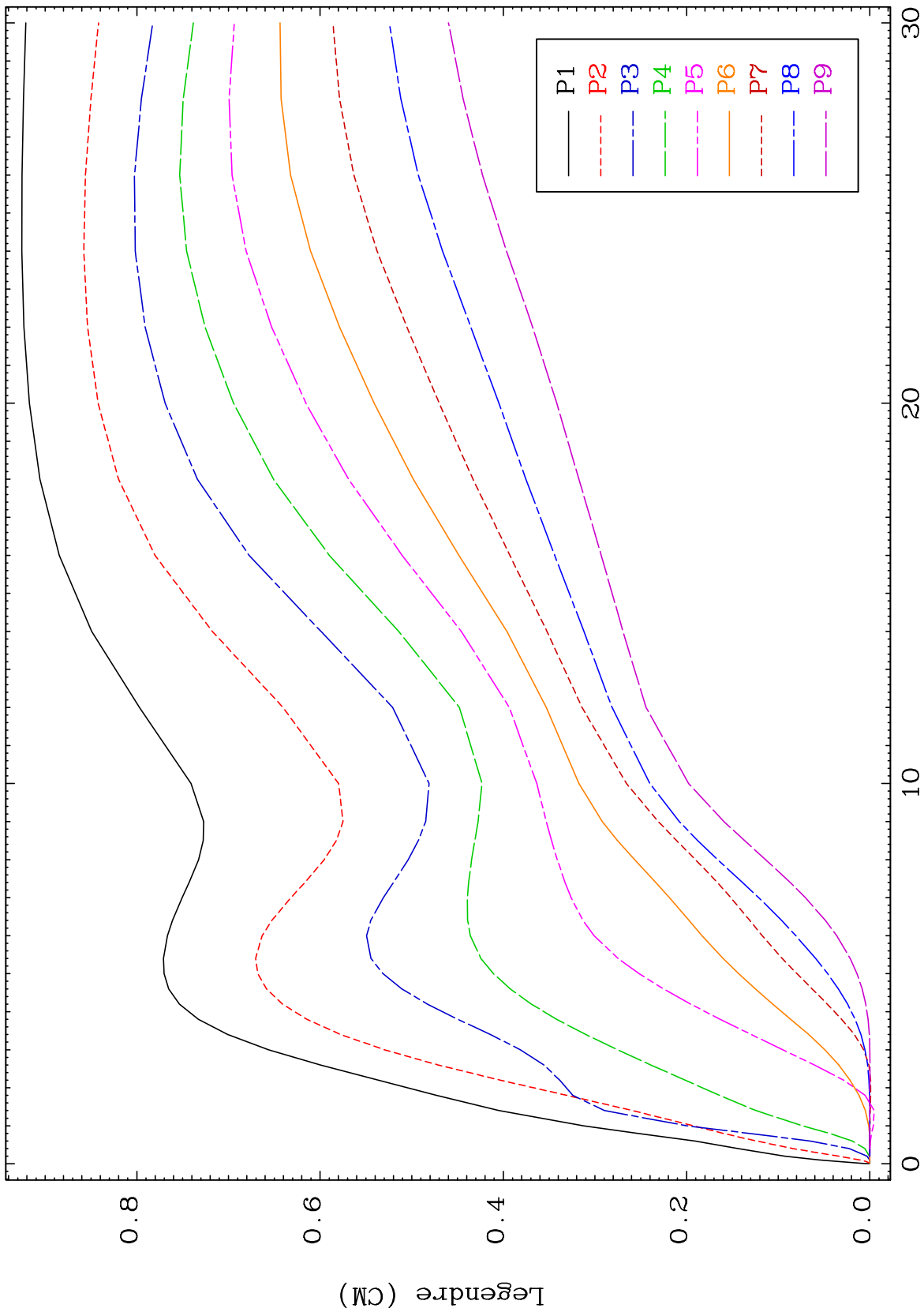
77-Ir-199



MAT 7749

77-Ir-199

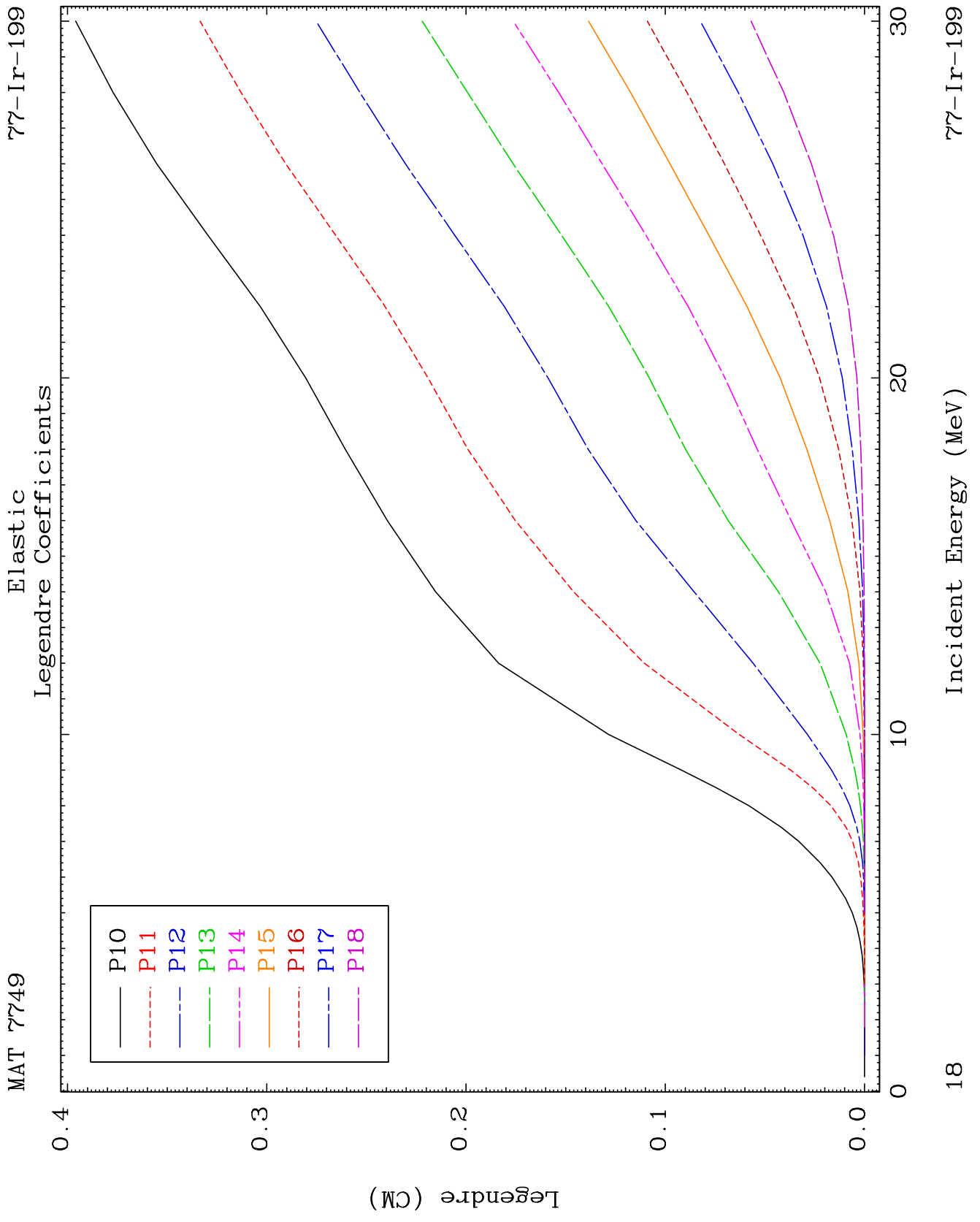
Elastic Legendre Coefficients



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Incident Energy (MeV)

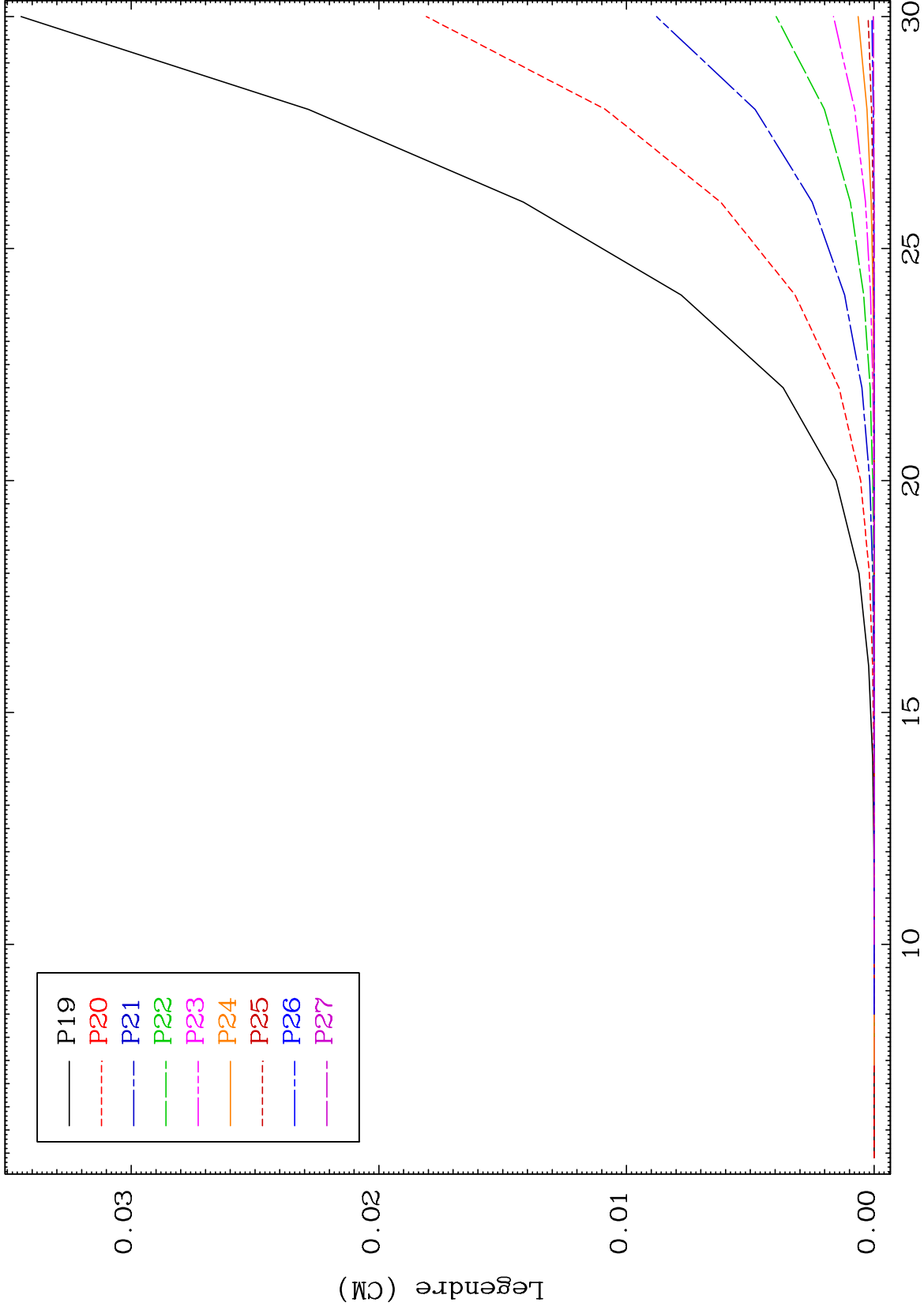
77-Ir-199



MAT 7749

Elastic Legendre Coefficients

77-Ir-199



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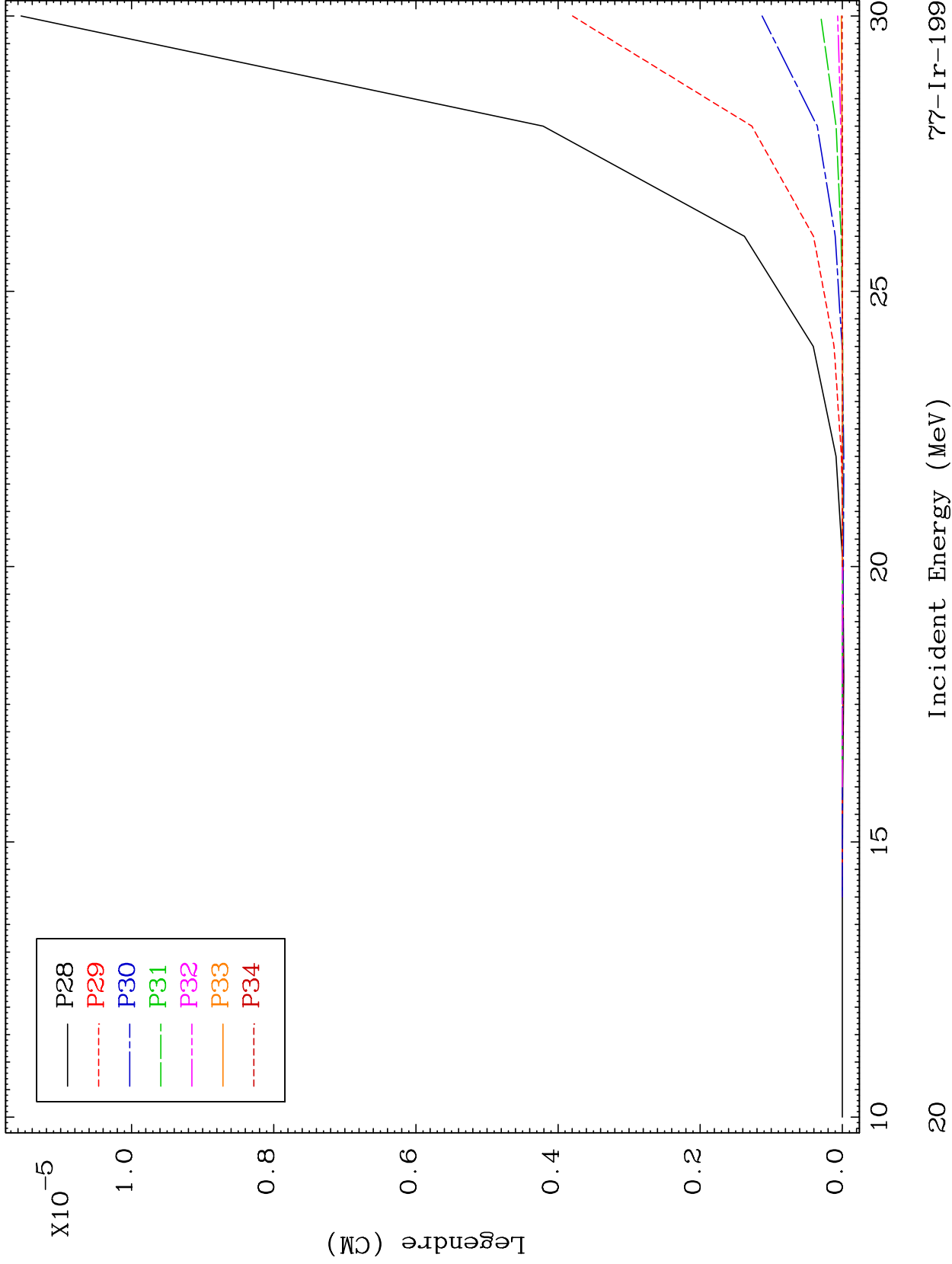
Incident Energy (MeV)

77-Ir-199

MAT 7749

Elastic Legendre Coefficients

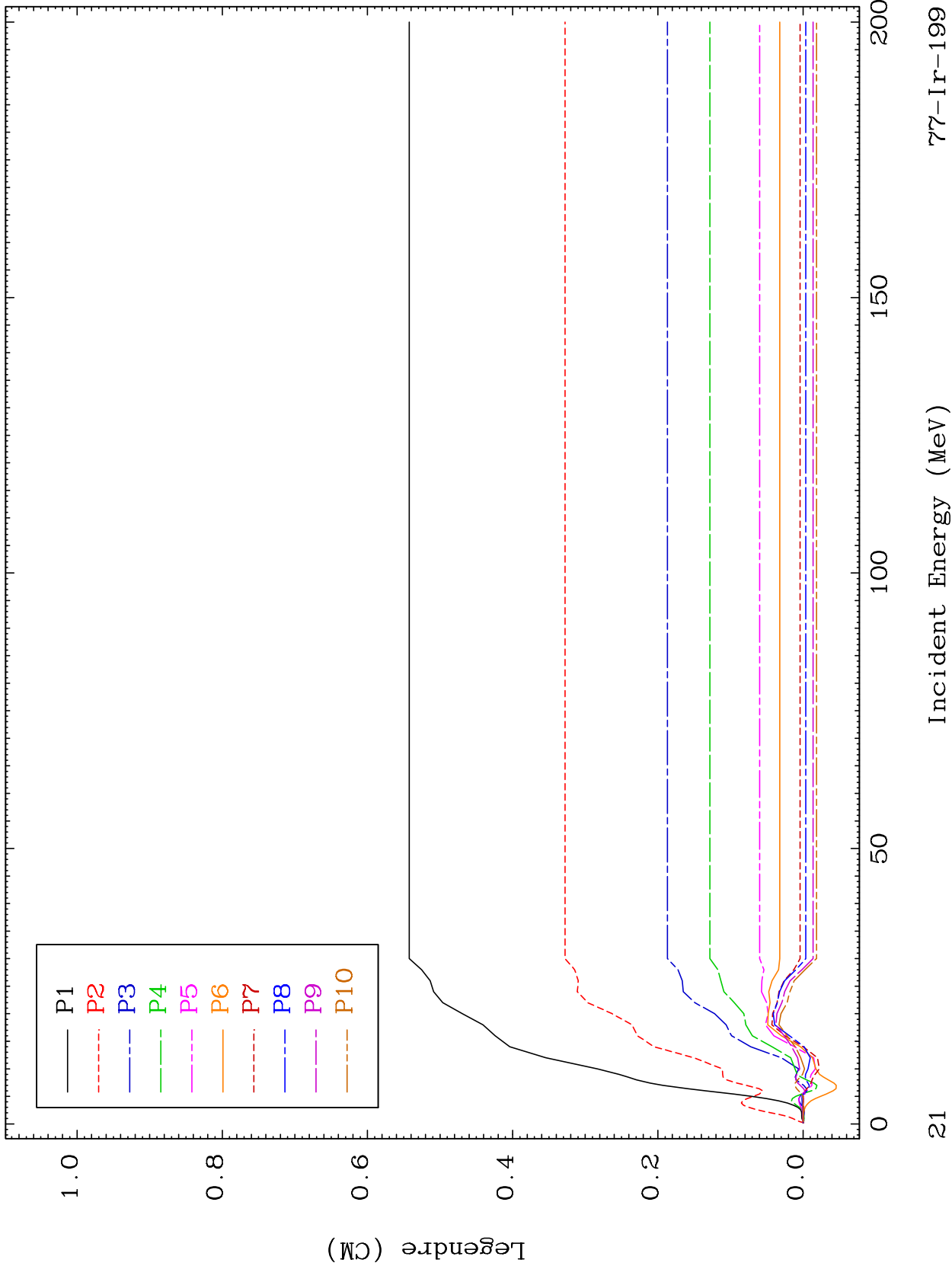
77-Ir-199



77-Ir-199

Incident Energy (MeV)

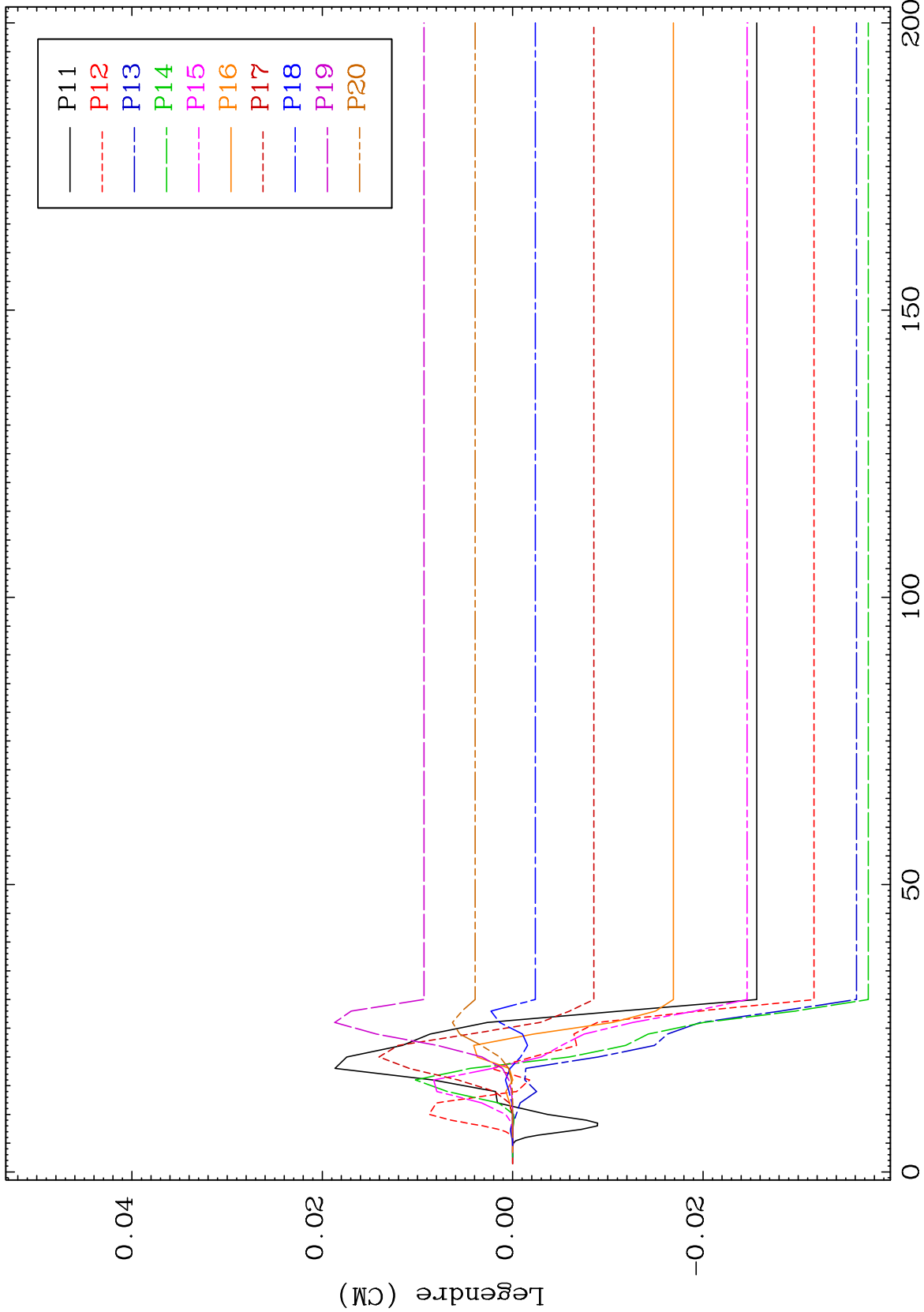
20



MAT 7749

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

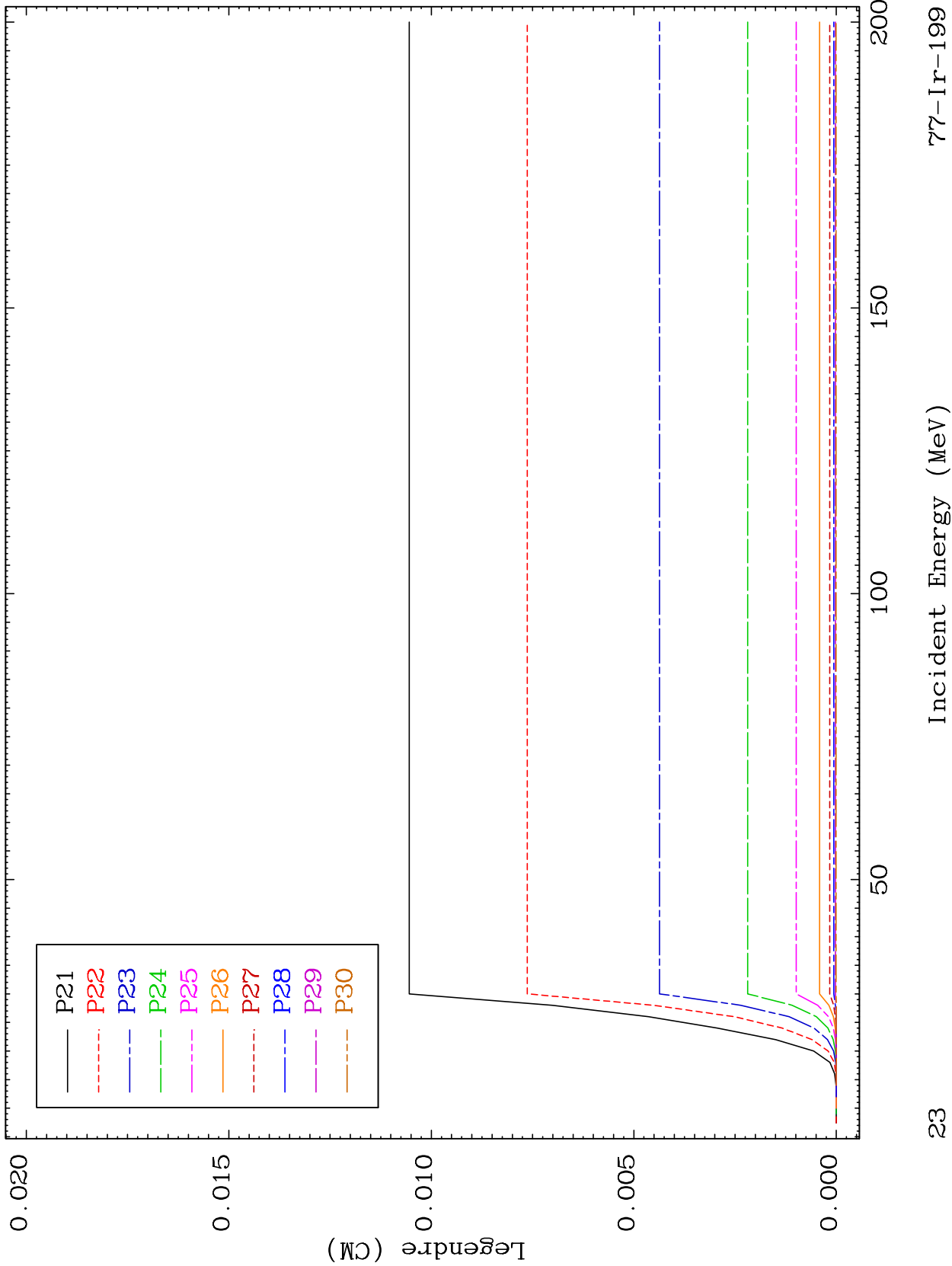
77-Ir-199

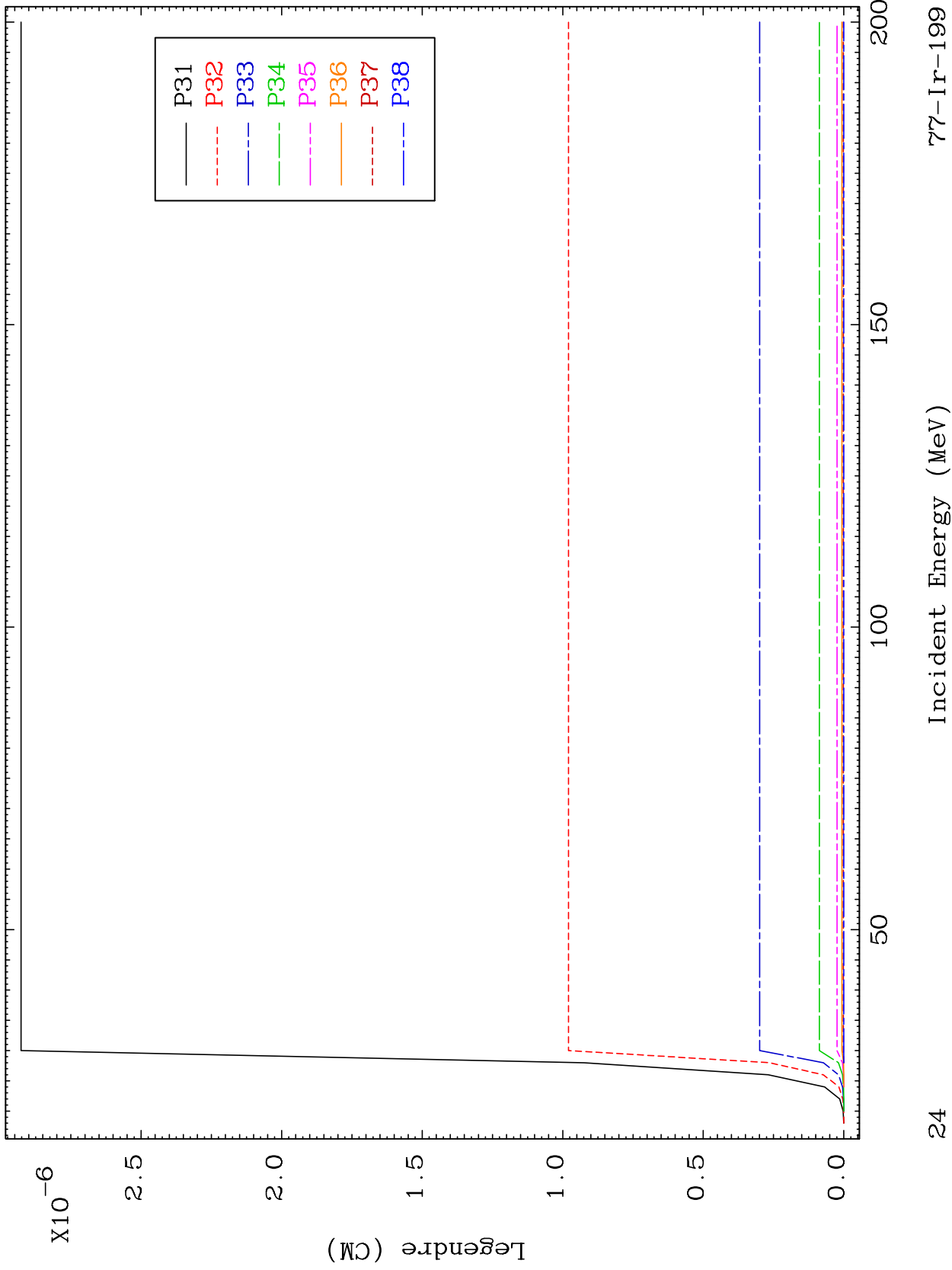


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Incident Energy (MeV)

77-Ir-199

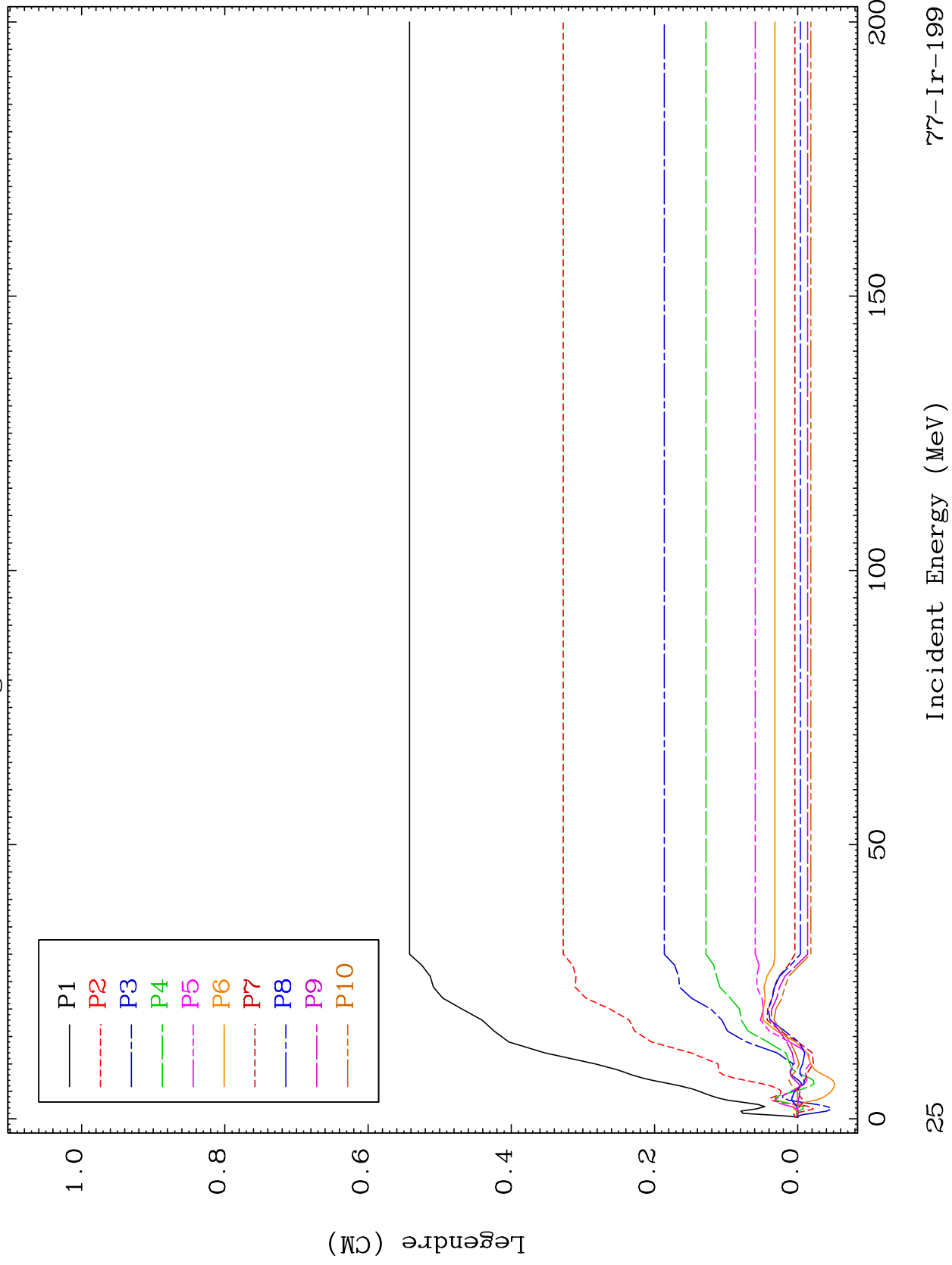




MAT 7749

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

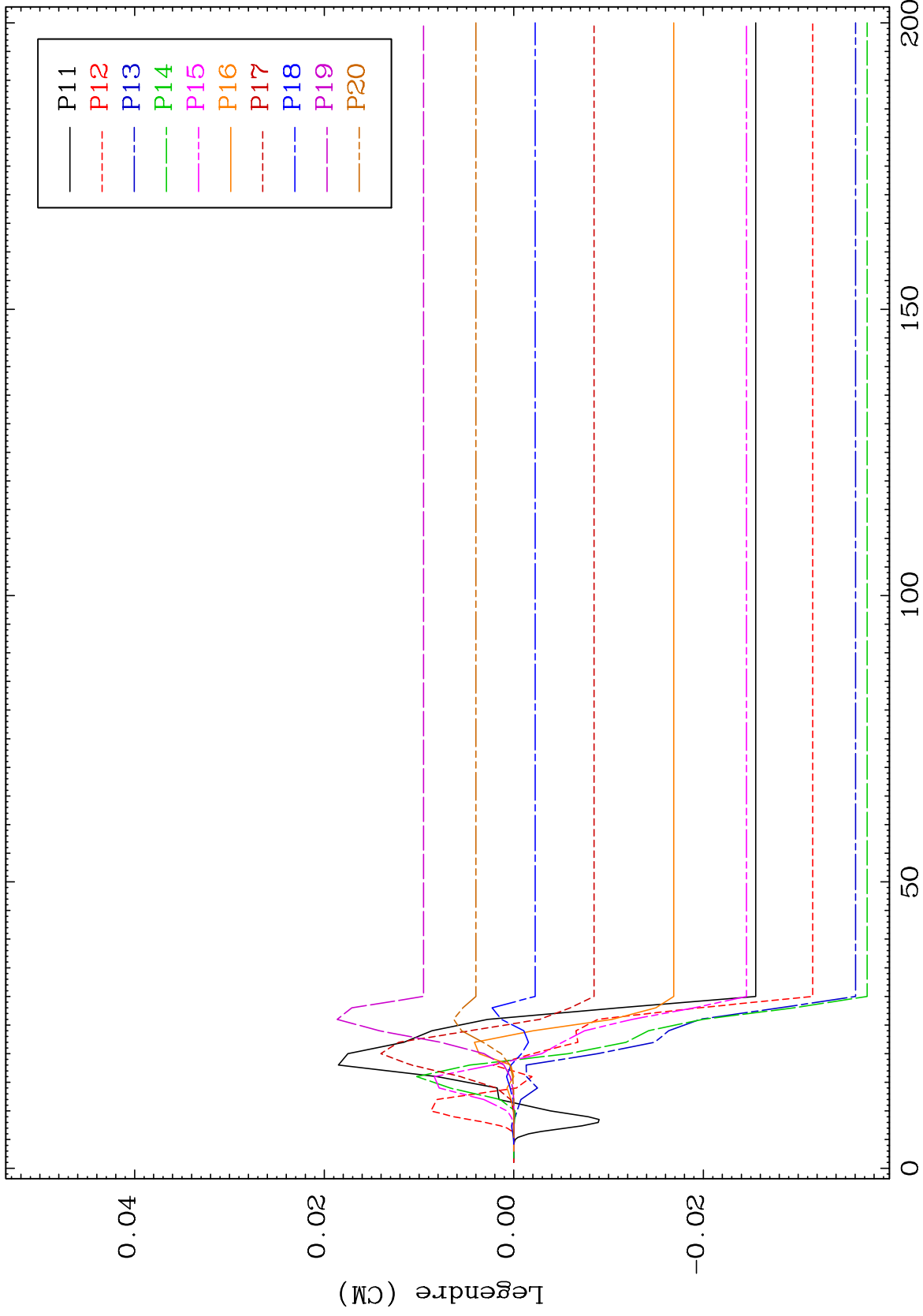
77-Ir-199



77-Ir-199

Incident Energy (MeV)

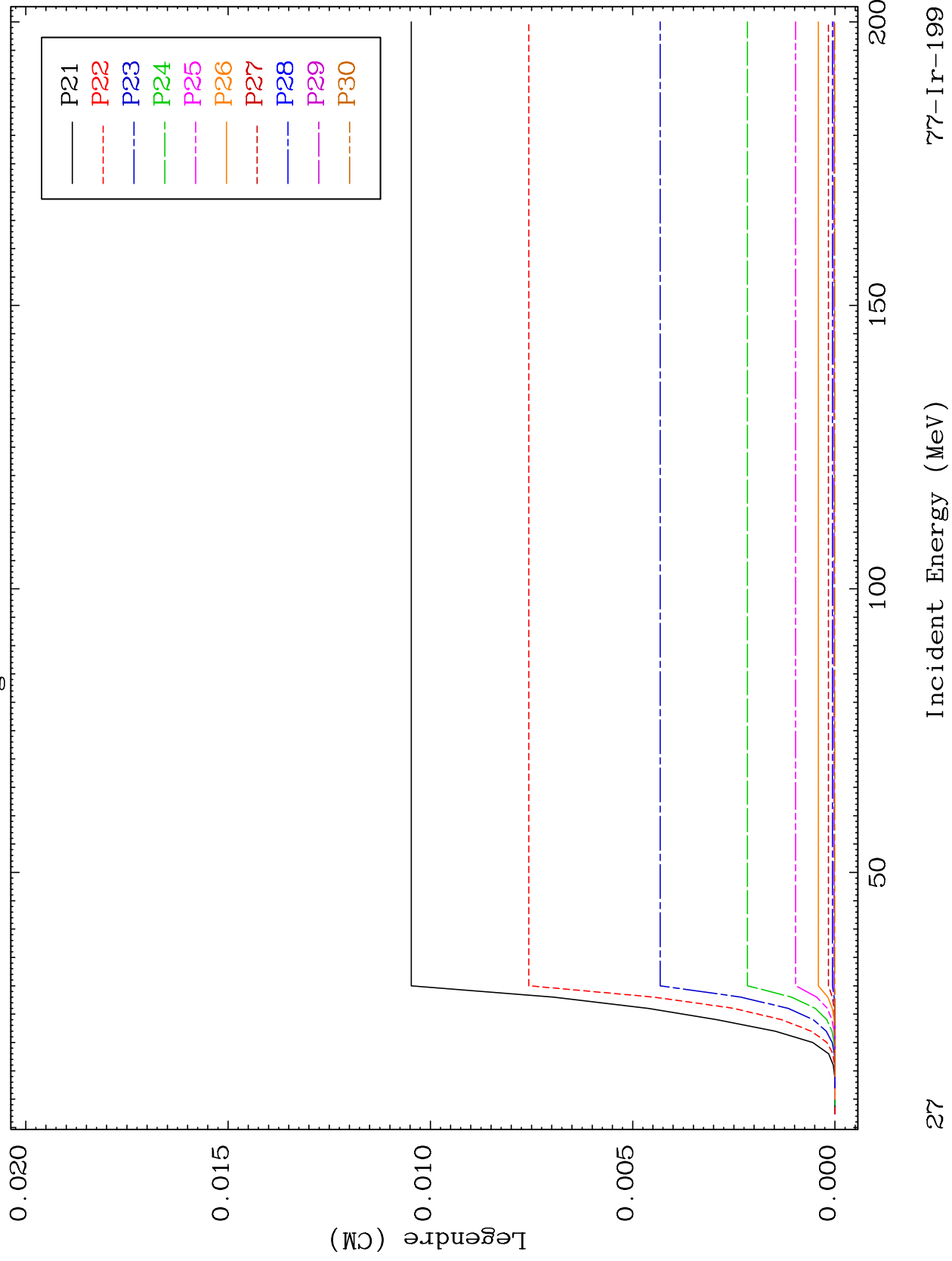
25



MAT 7749

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

77-Ir-199



27

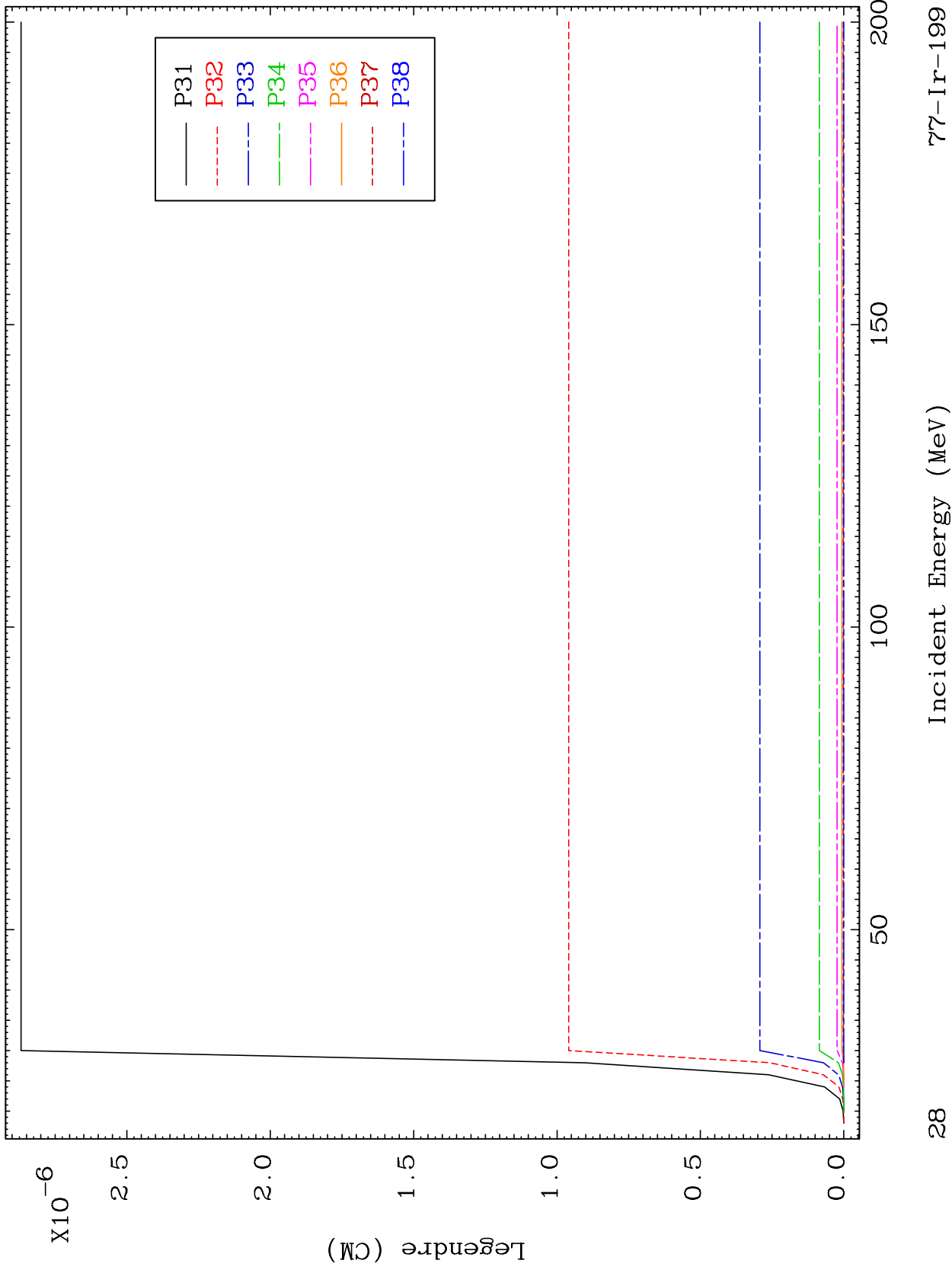
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

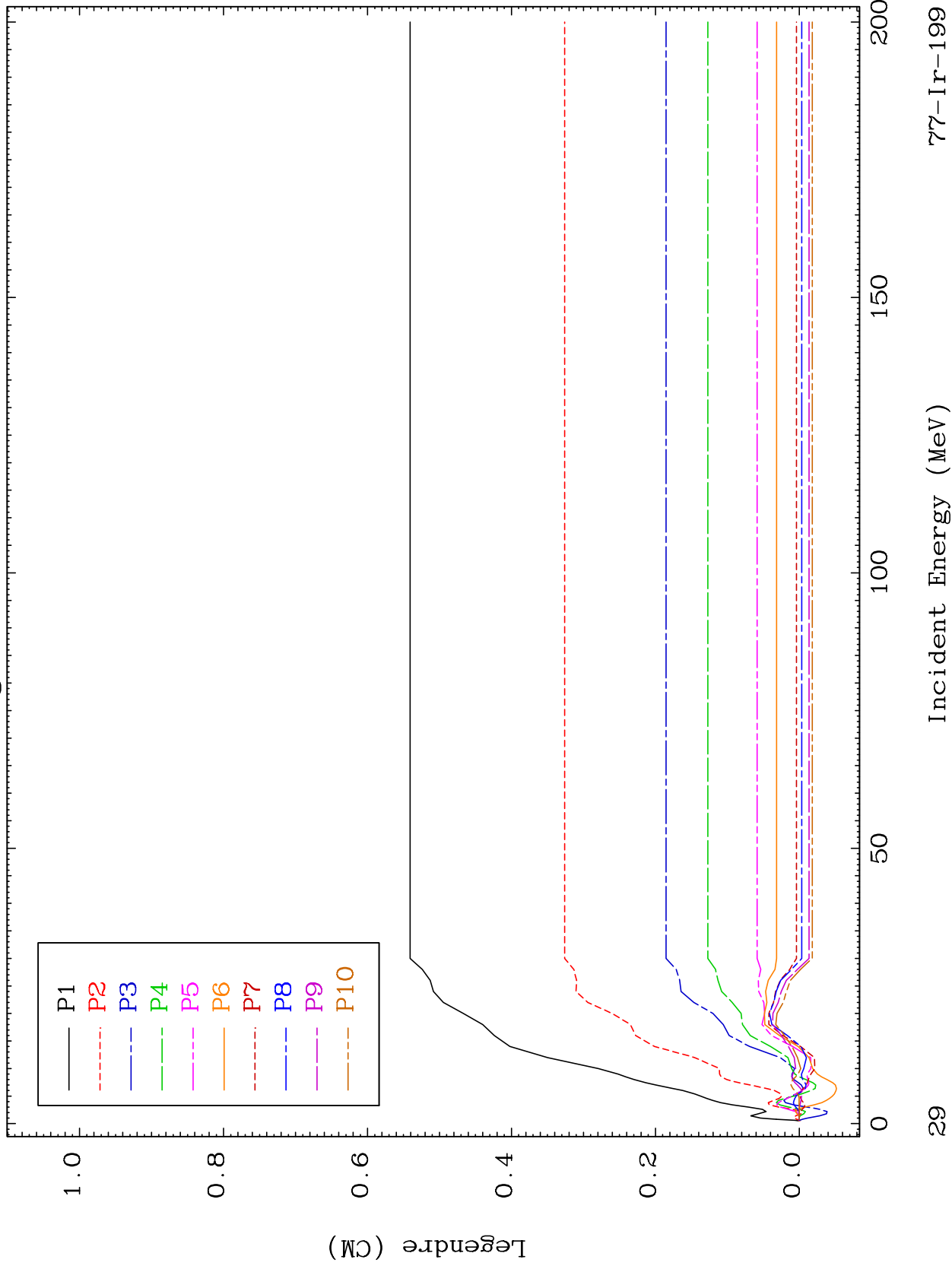
77-Ir-199



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Incident Energy (MeV)

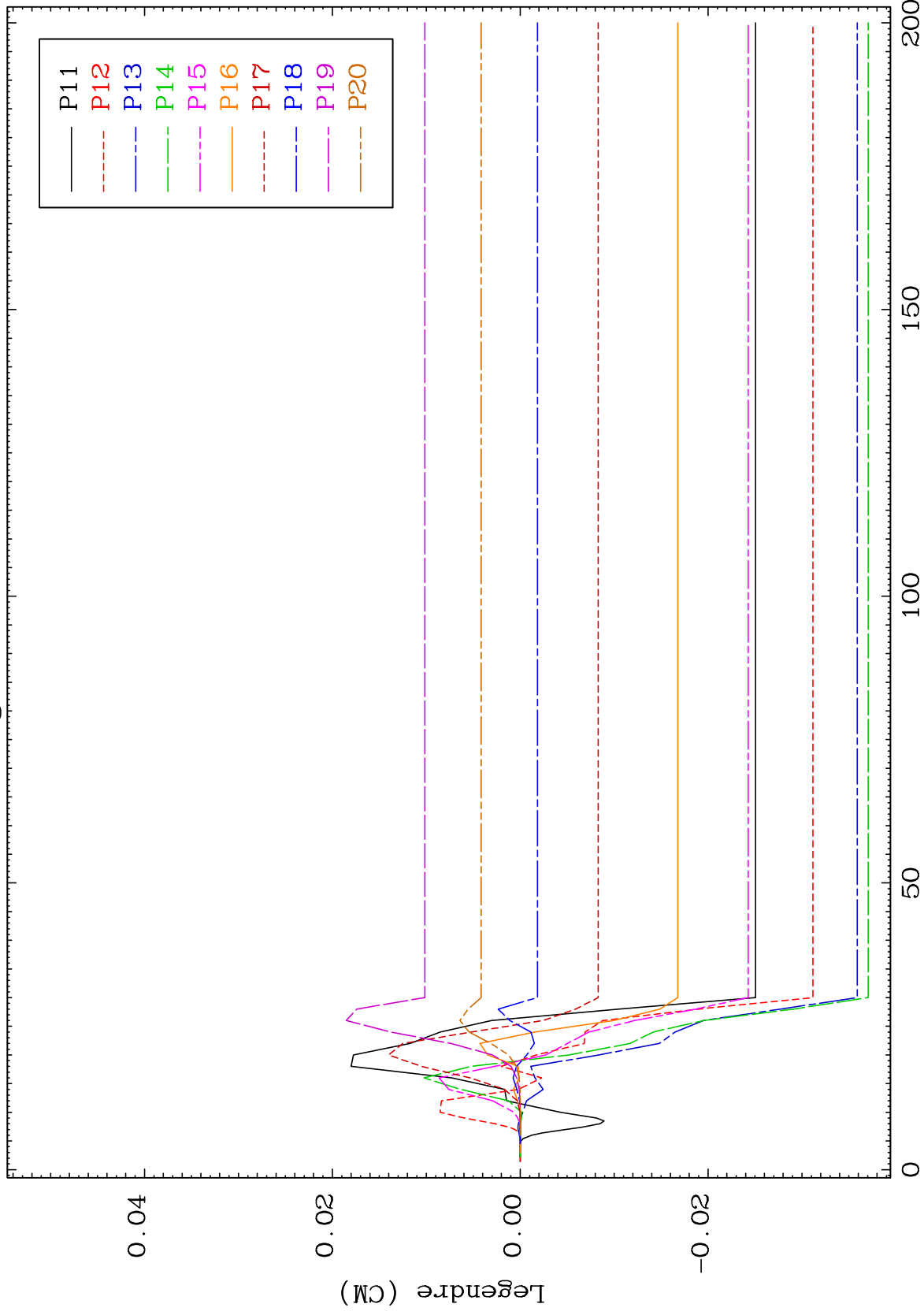
77-Ir-199



MAT 7749

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

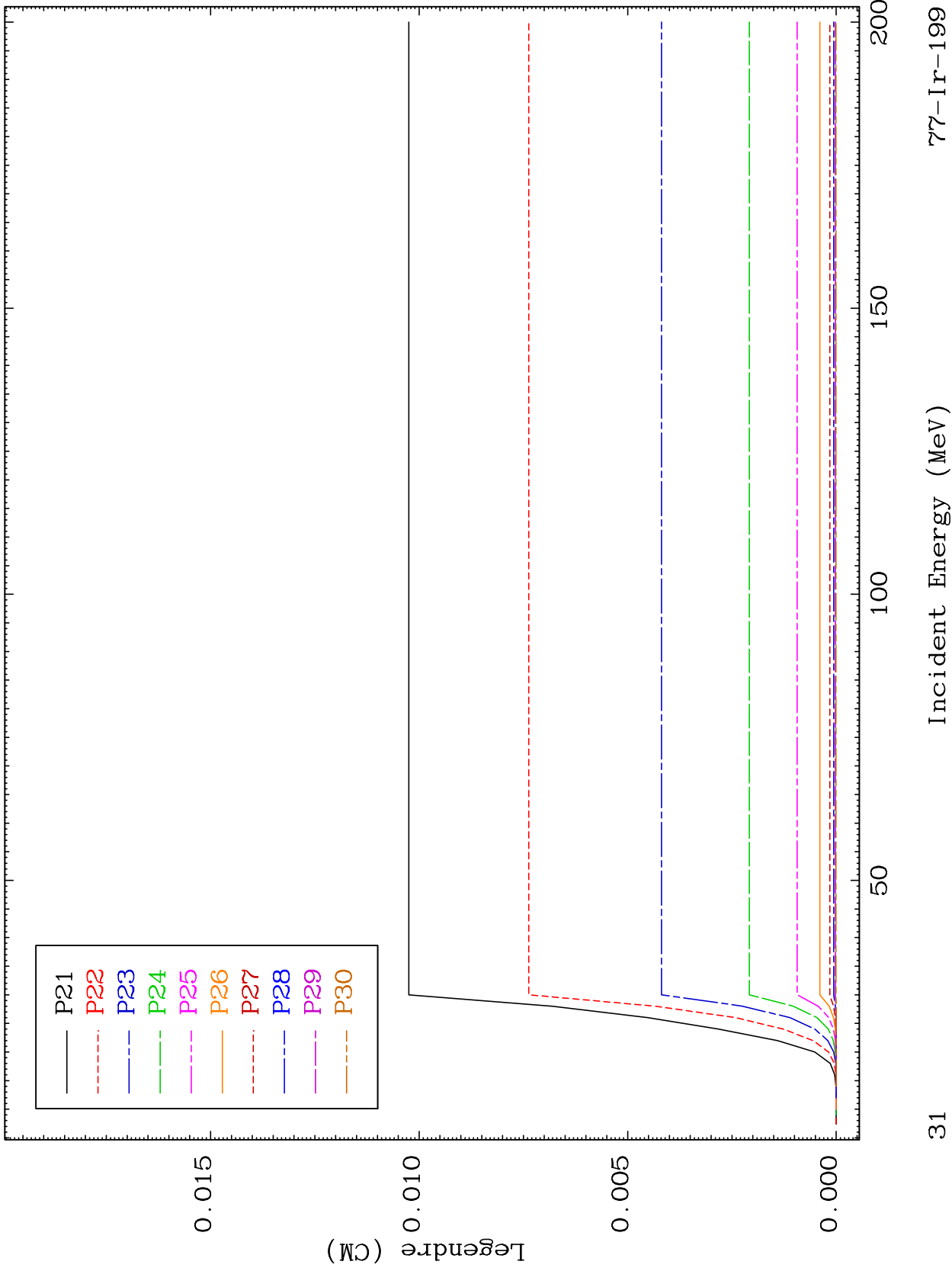
77-Ir-199



30

Incident Energy (MeV)

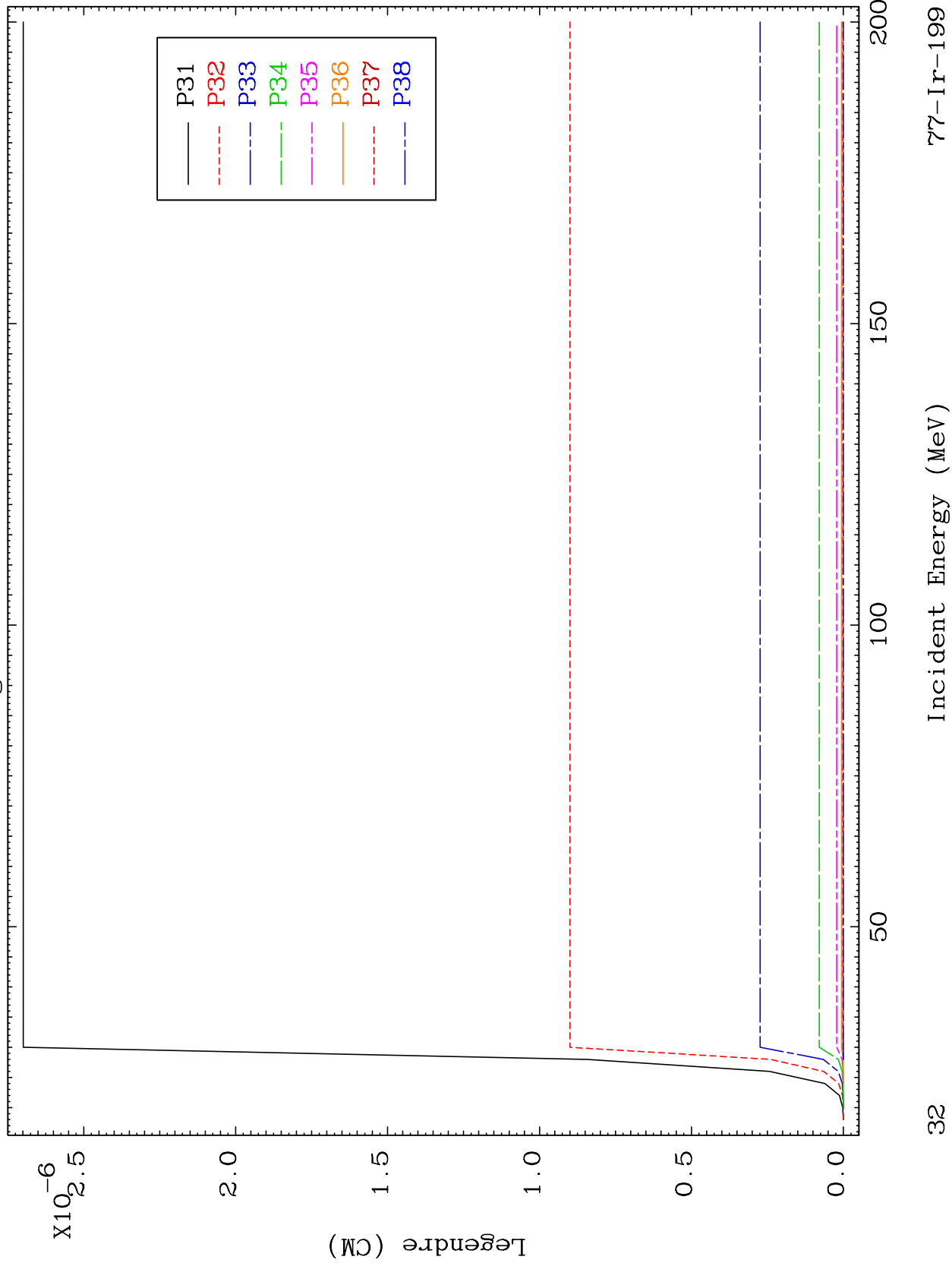
77-Ir-199



MAT 7749

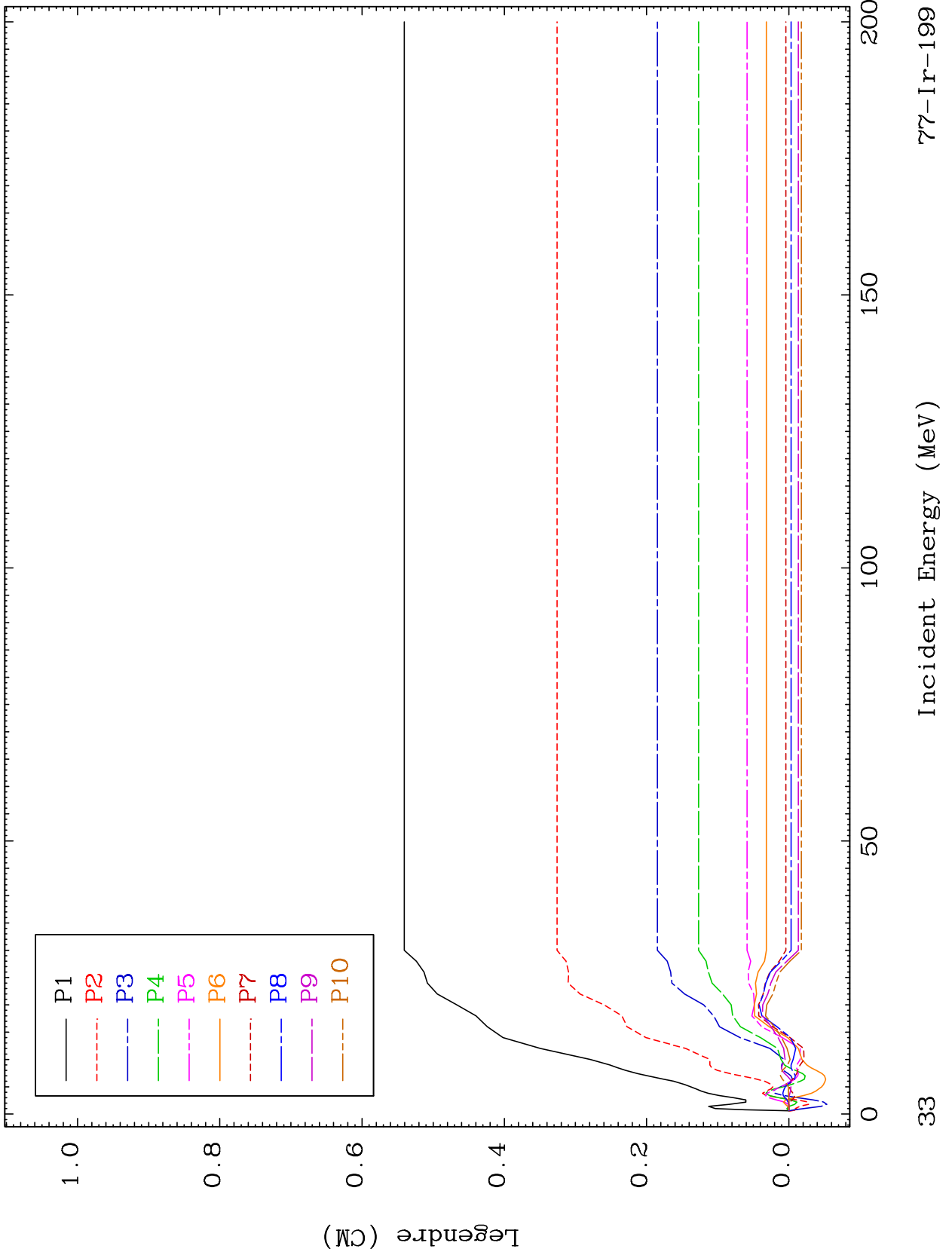
MT= 53 (n,n') Level
Legendre Coefficients

77-Ir-199



32

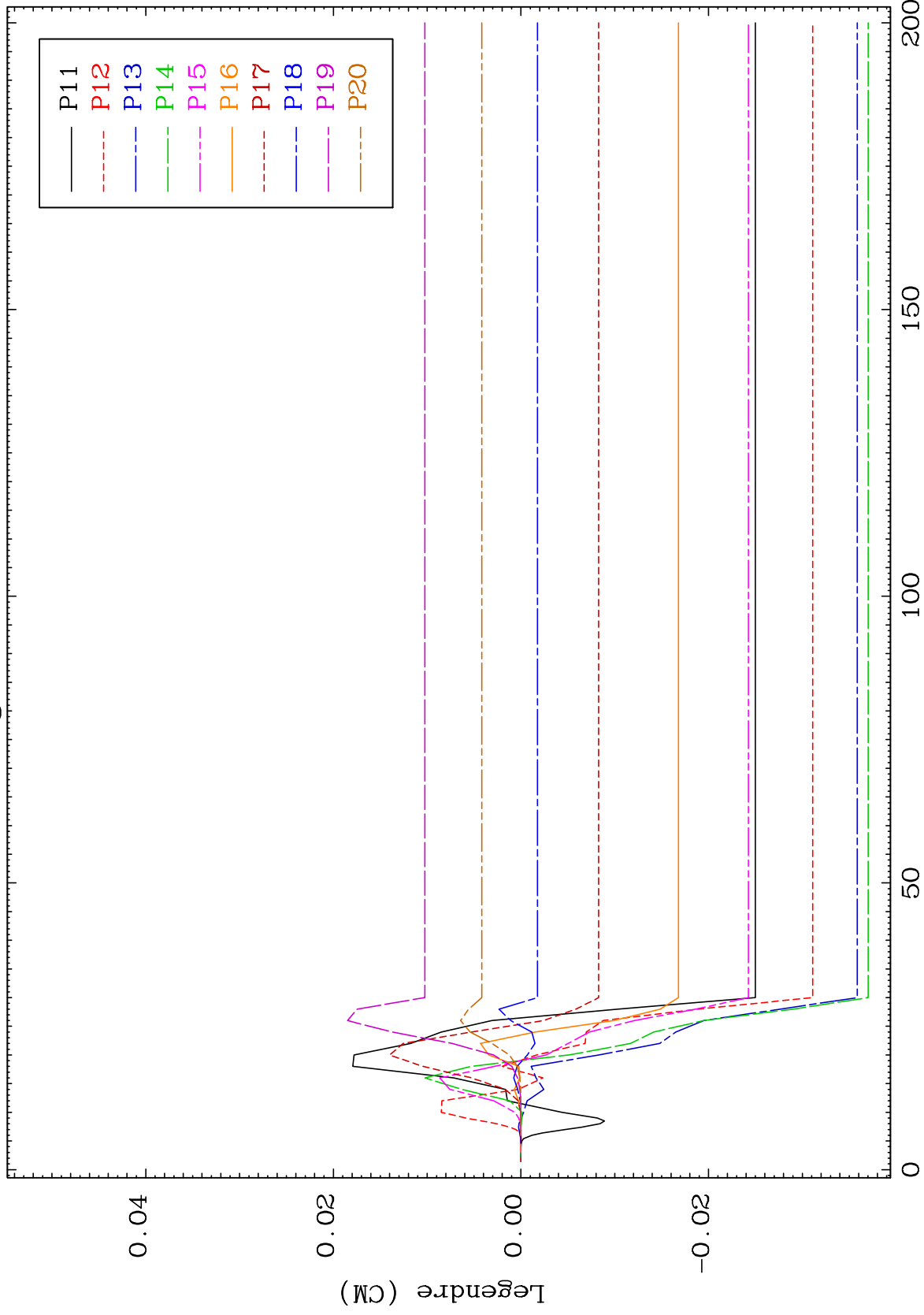
77-Ir-199



MAT 7749

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

77-Ir-199



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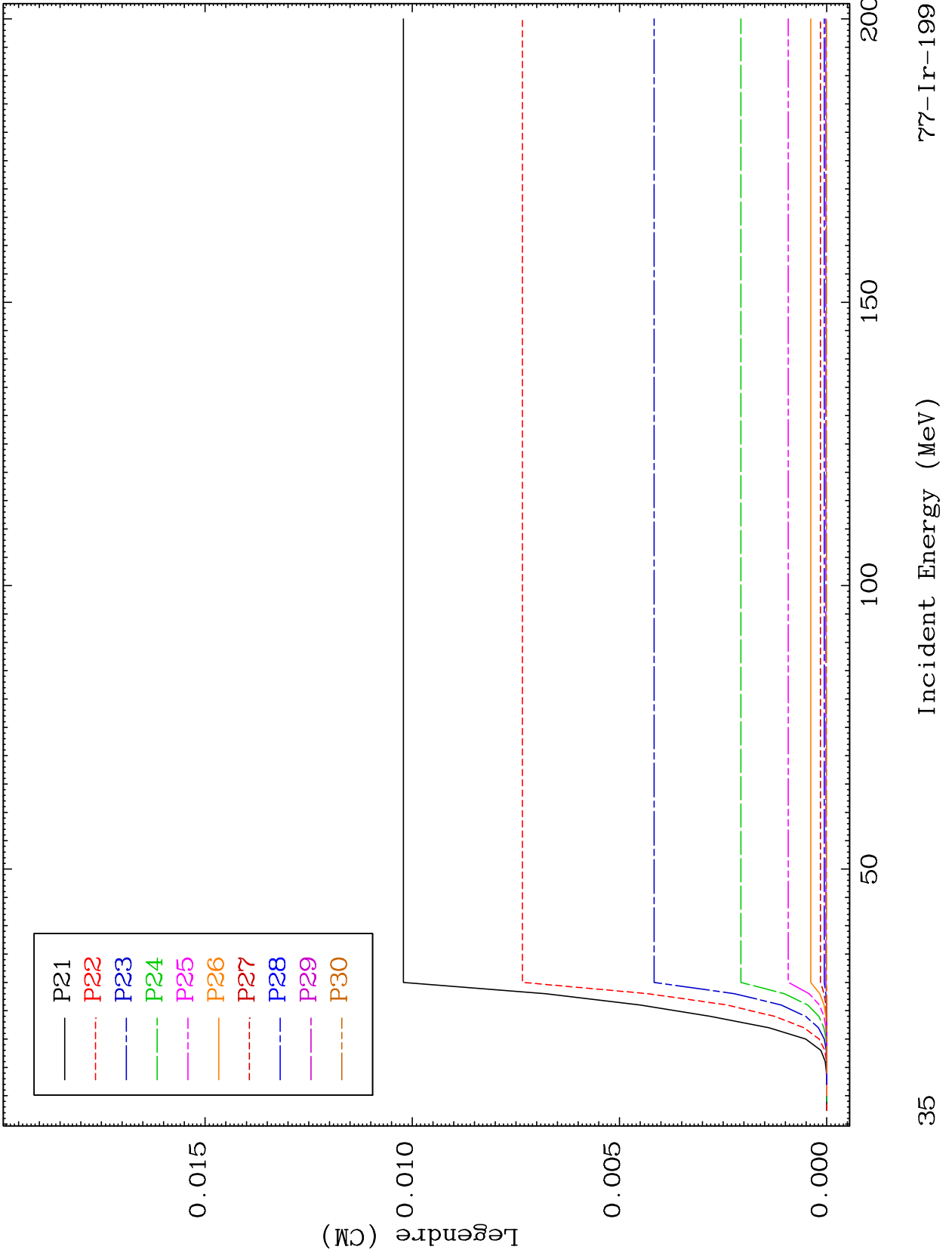
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

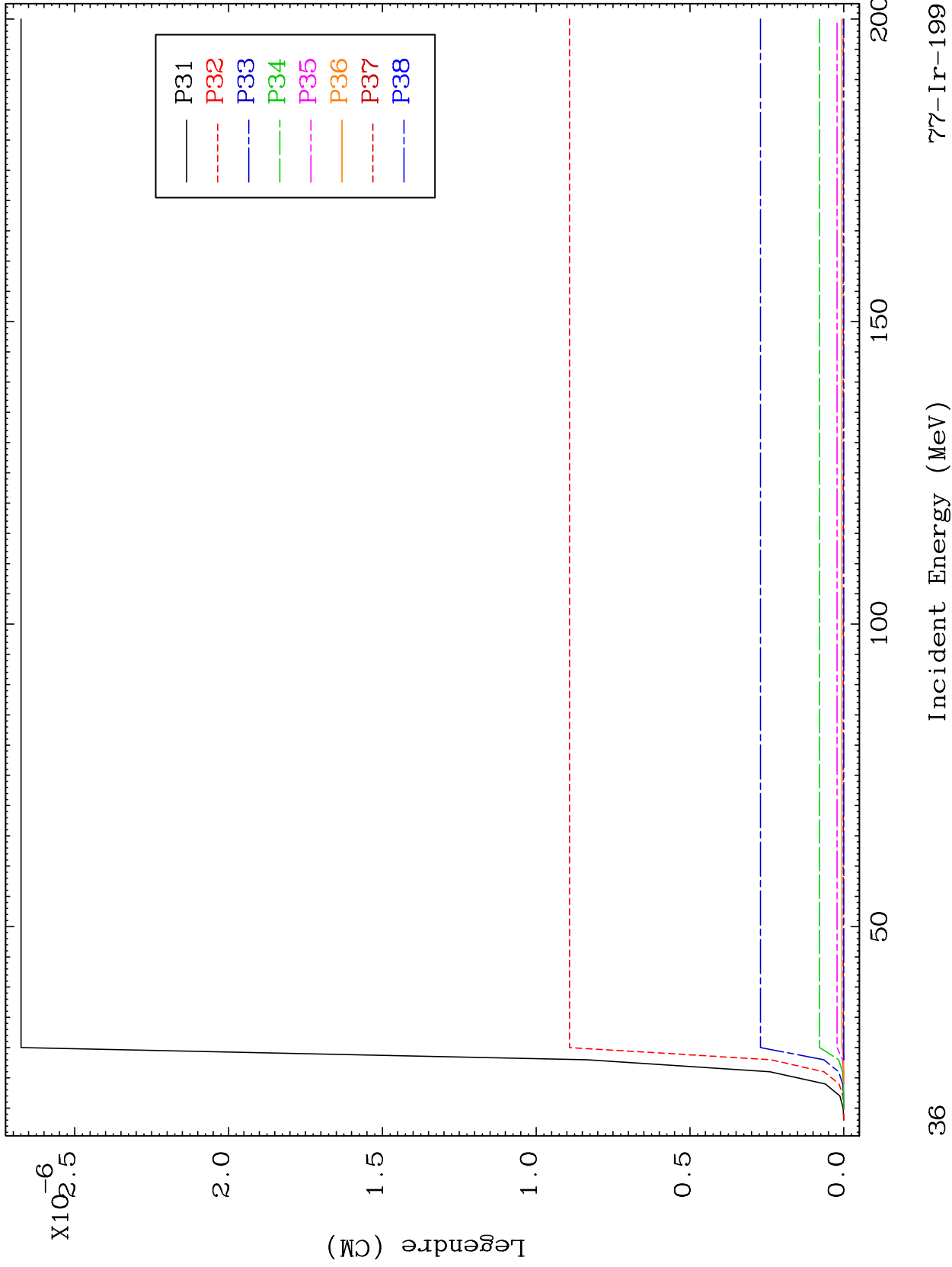
77-Ir-199



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Incident Energy (MeV)

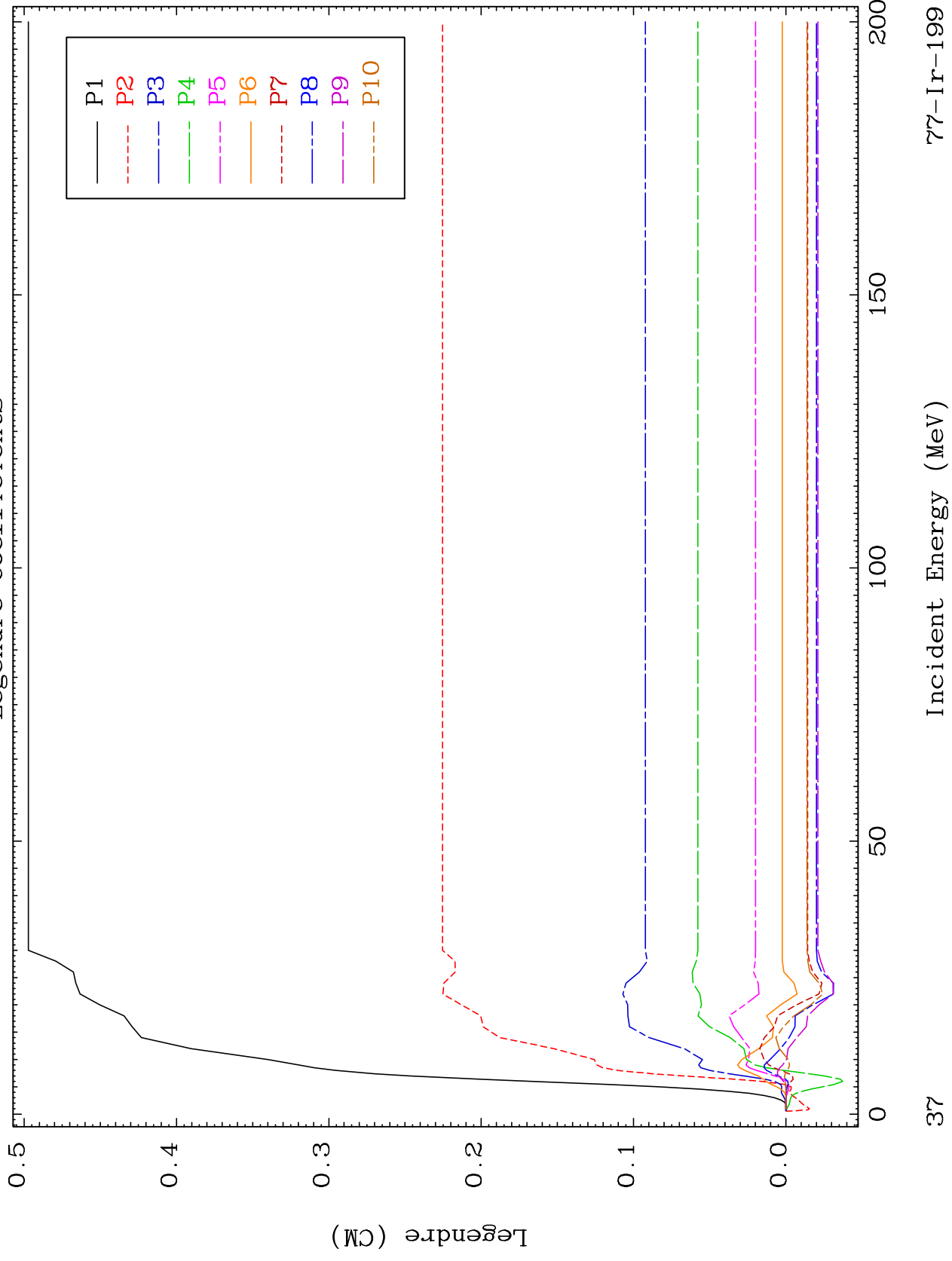
77-Ir-199



MAT 7749

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

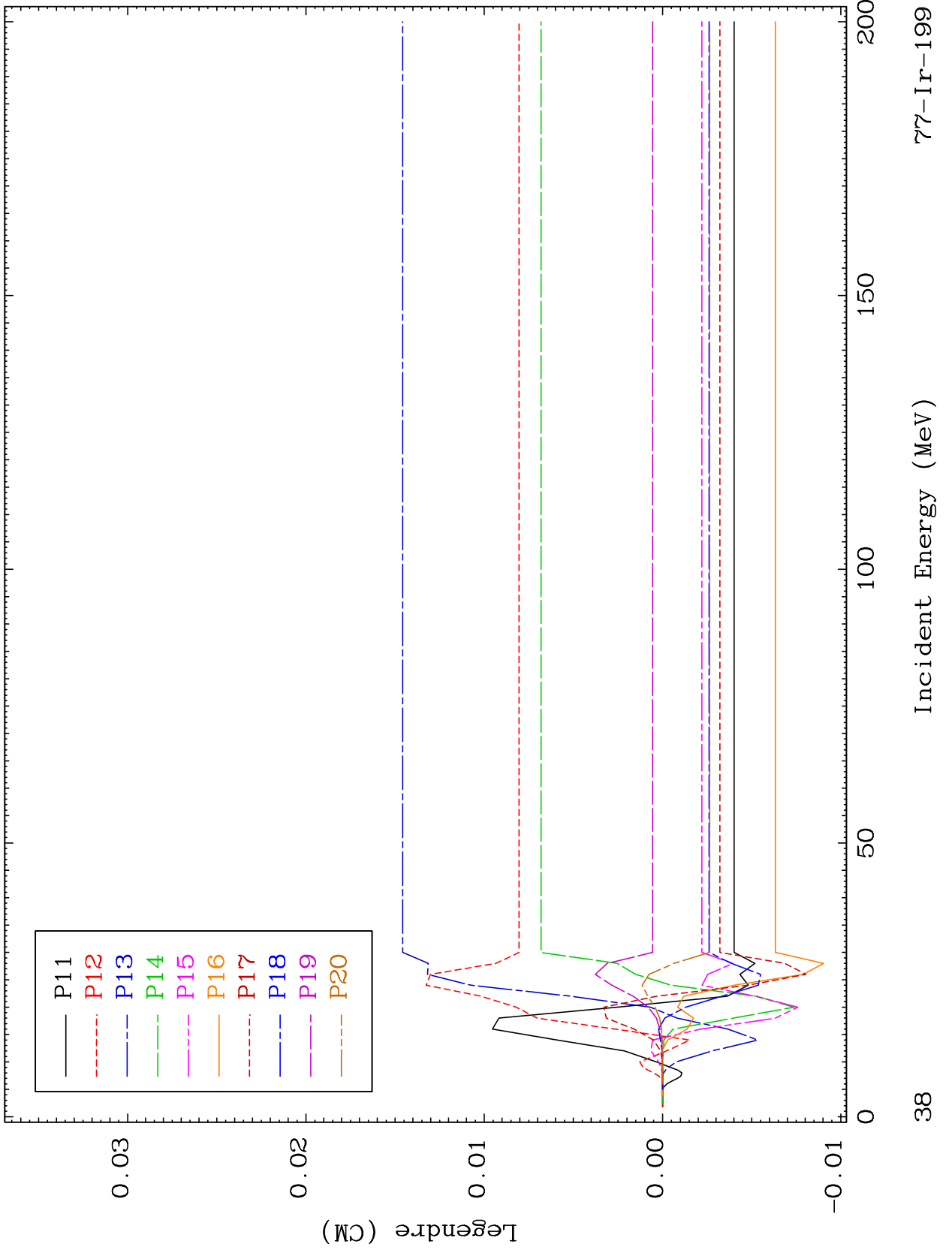
77-Ir-199



MAT 7749

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

77-Ir-199



38

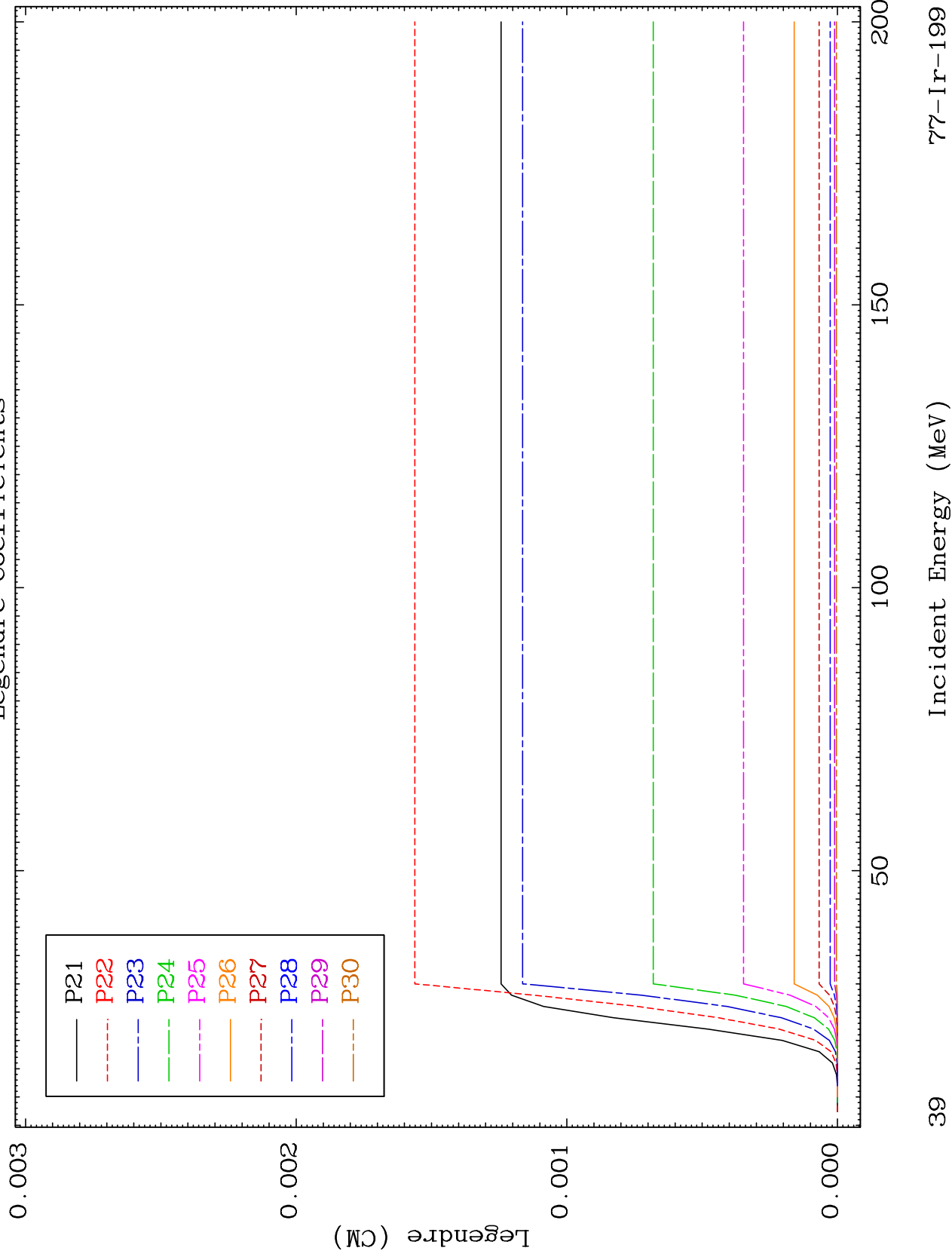
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



39

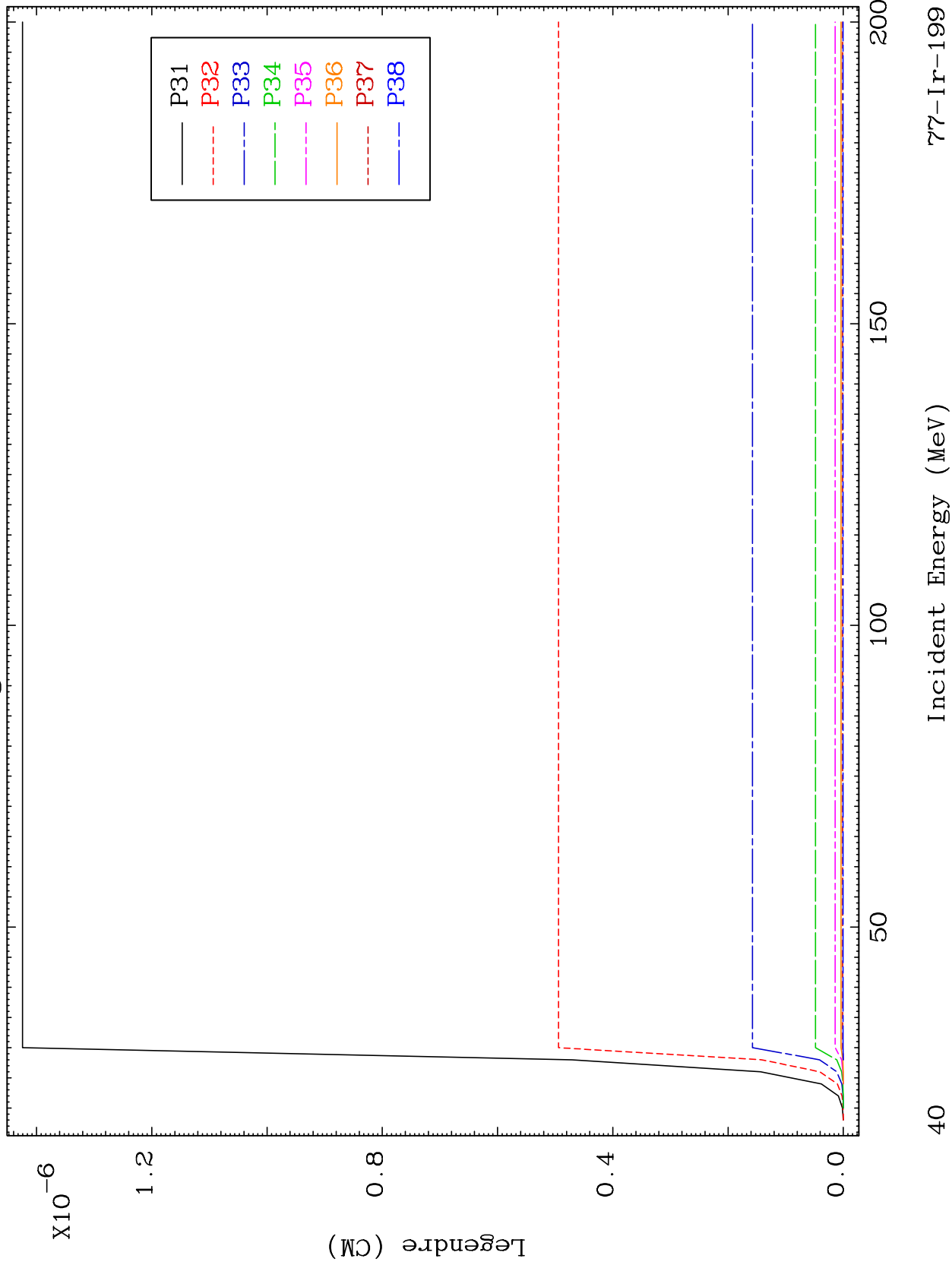
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

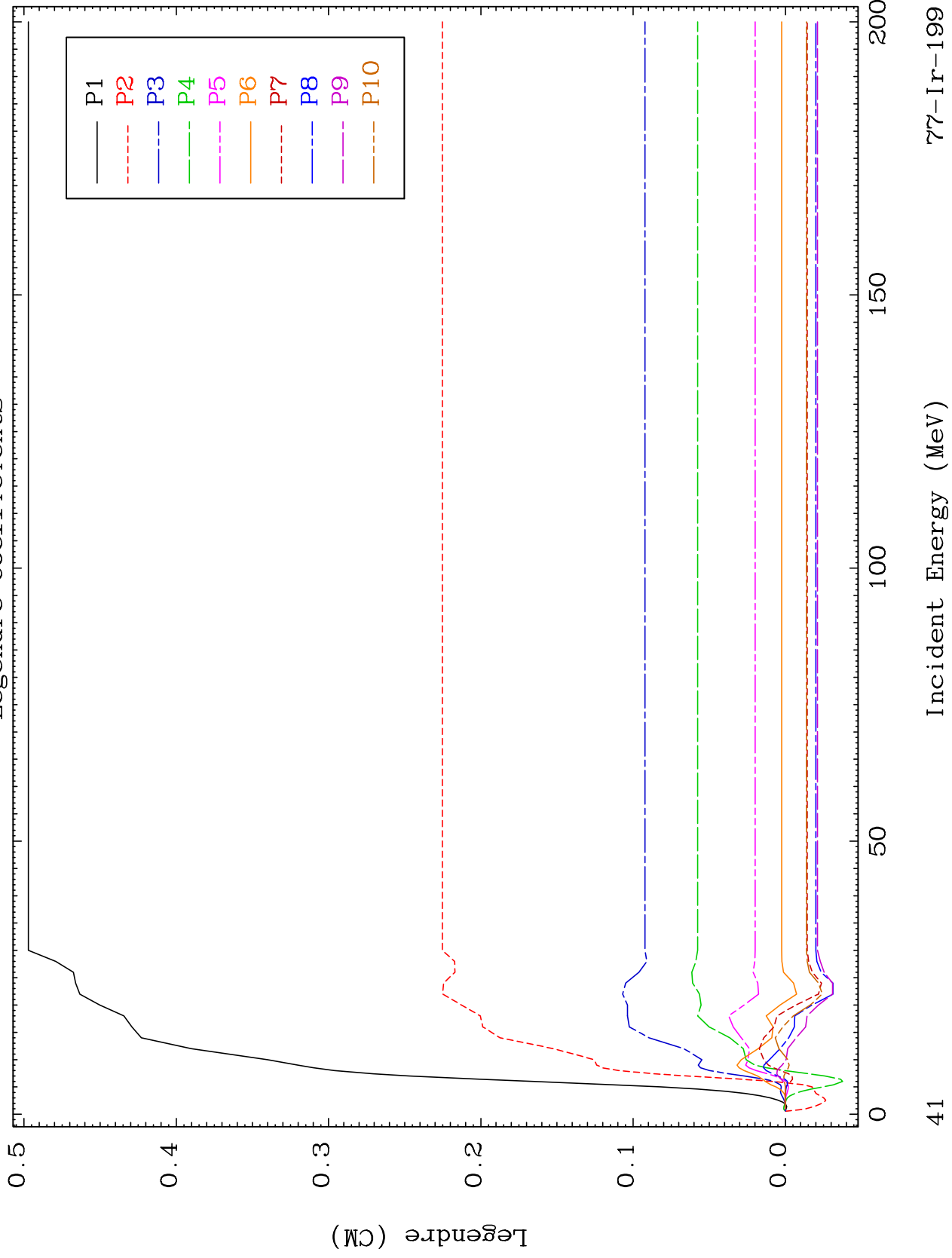
77-Ir-199



MAT 7749

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

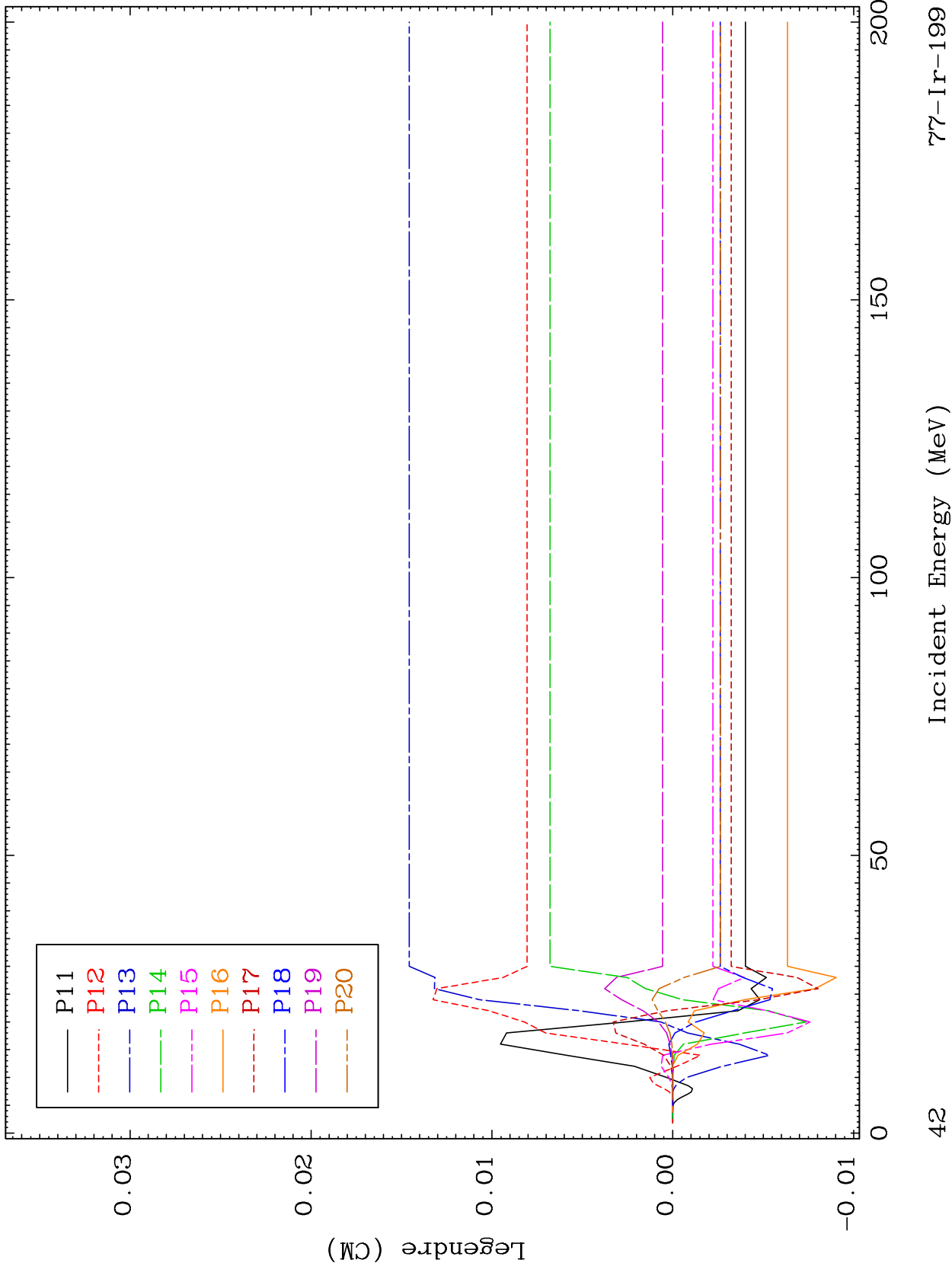
77-Ir-199



MAT 7749

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

77-Ir-199



42

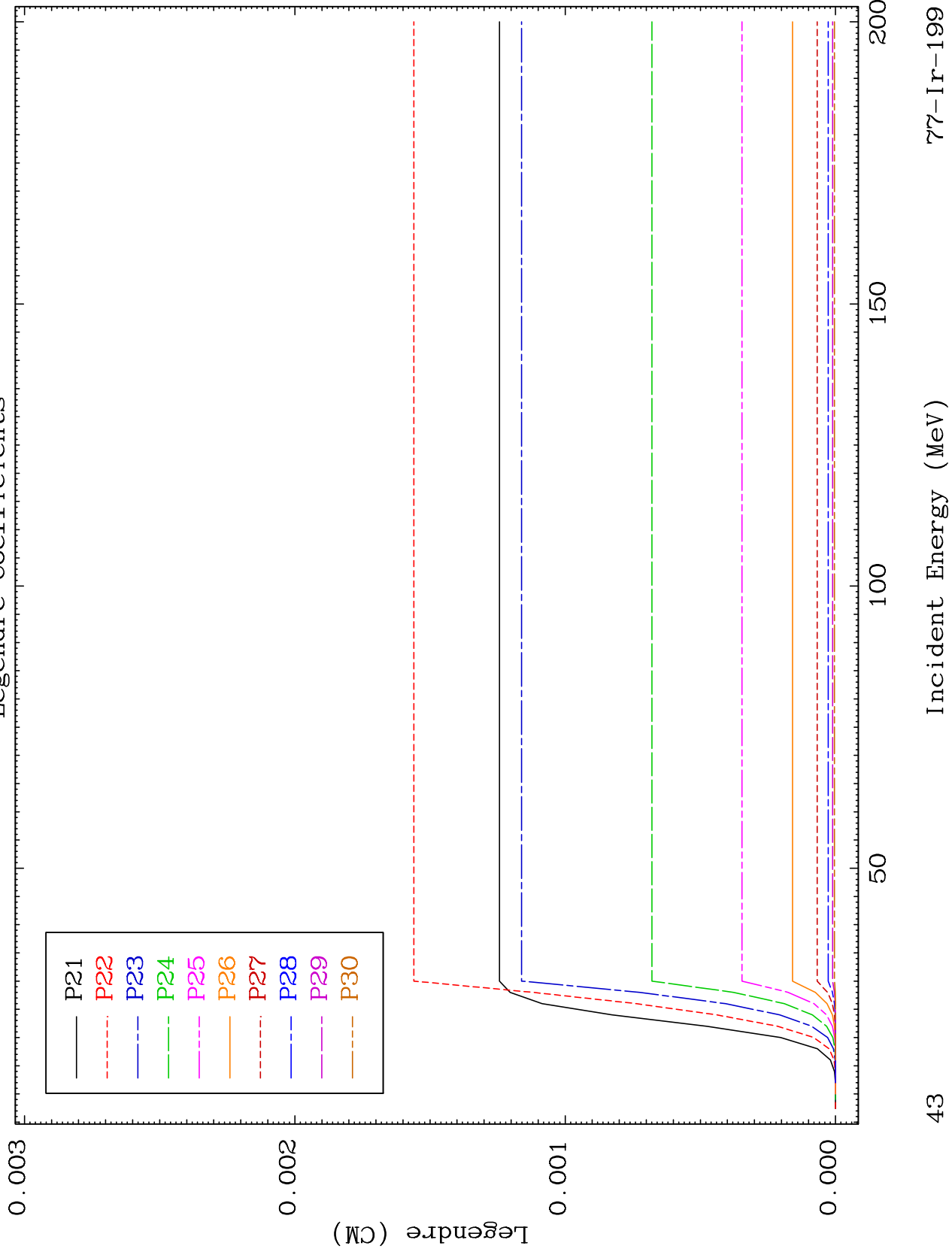
77-Ir-199

77-Ir-199

MAT 7749

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

77-Ir-199



43

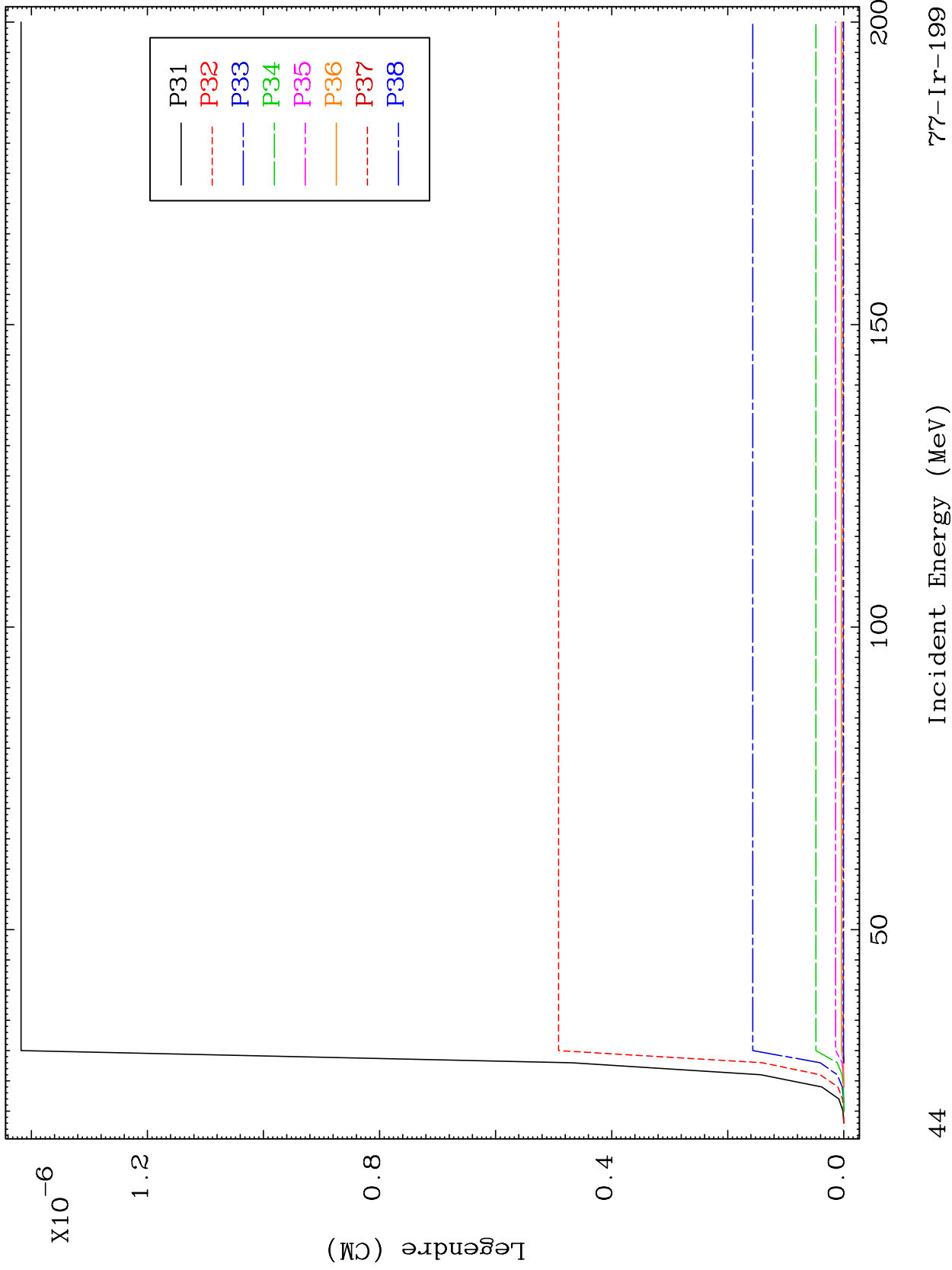
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199

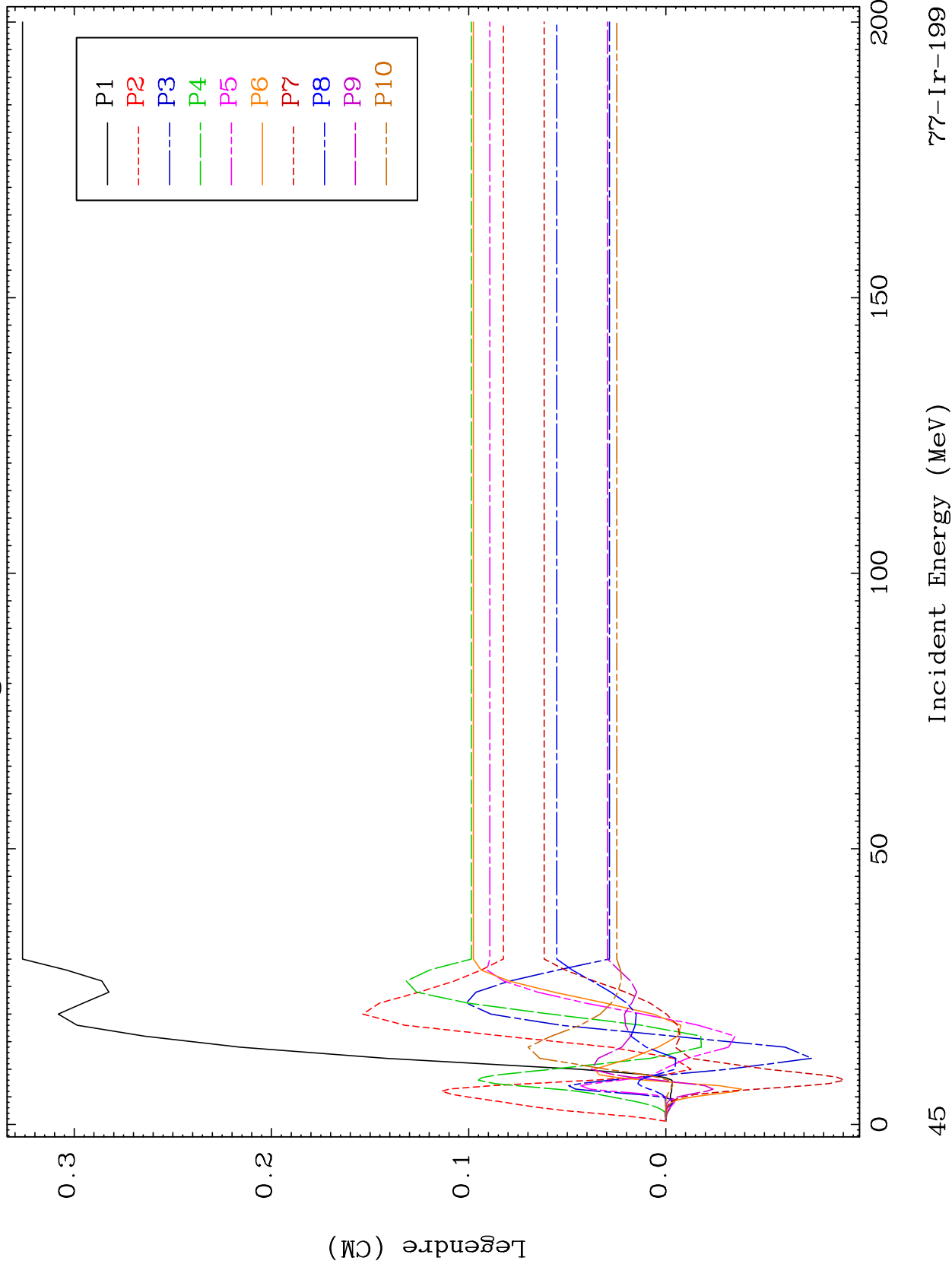


44

MAT 7749

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

77-Ir-199



77-Ir-199

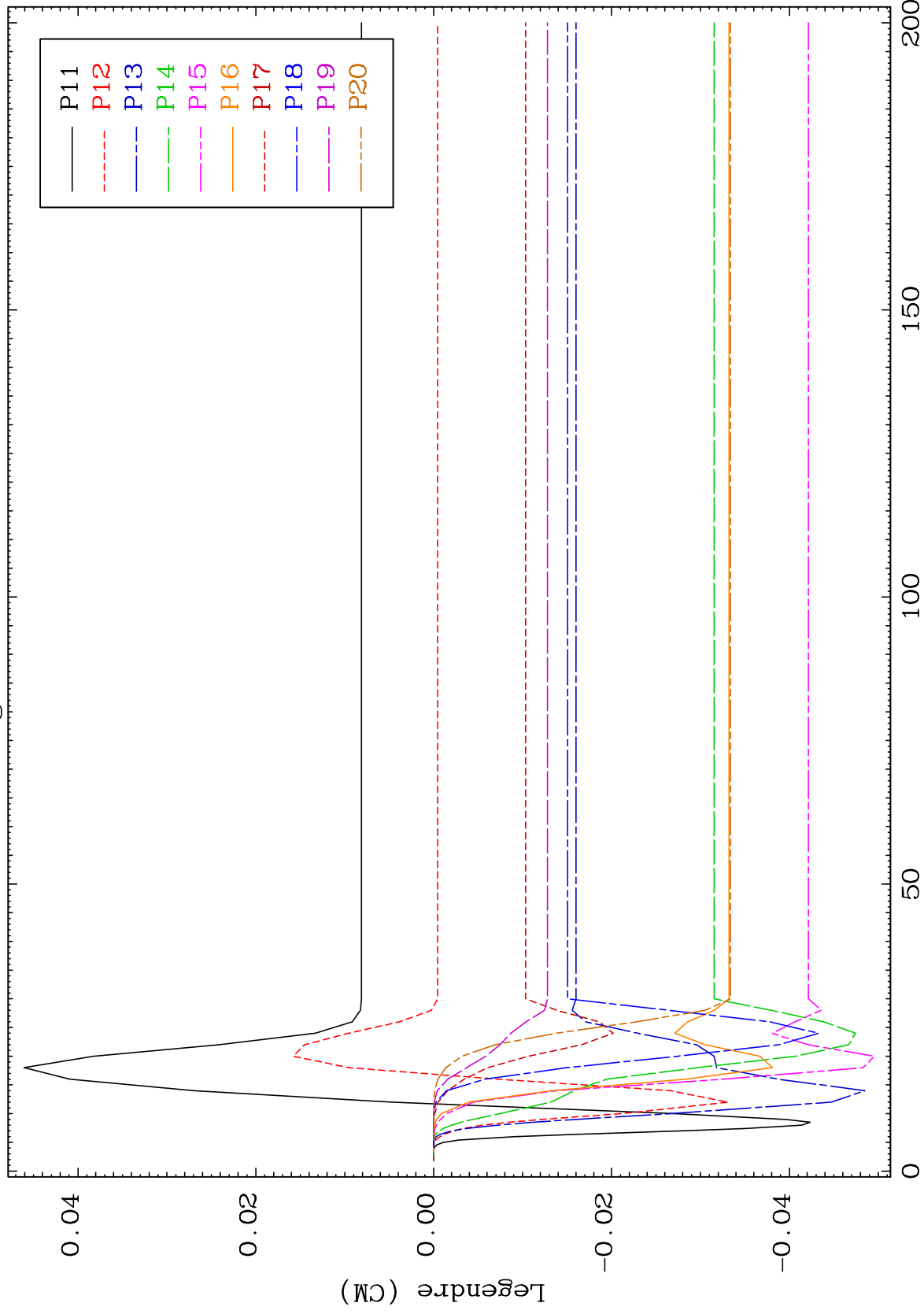
Incident Energy (MeV)

45

MAT 7749

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

77-Ir-199



46

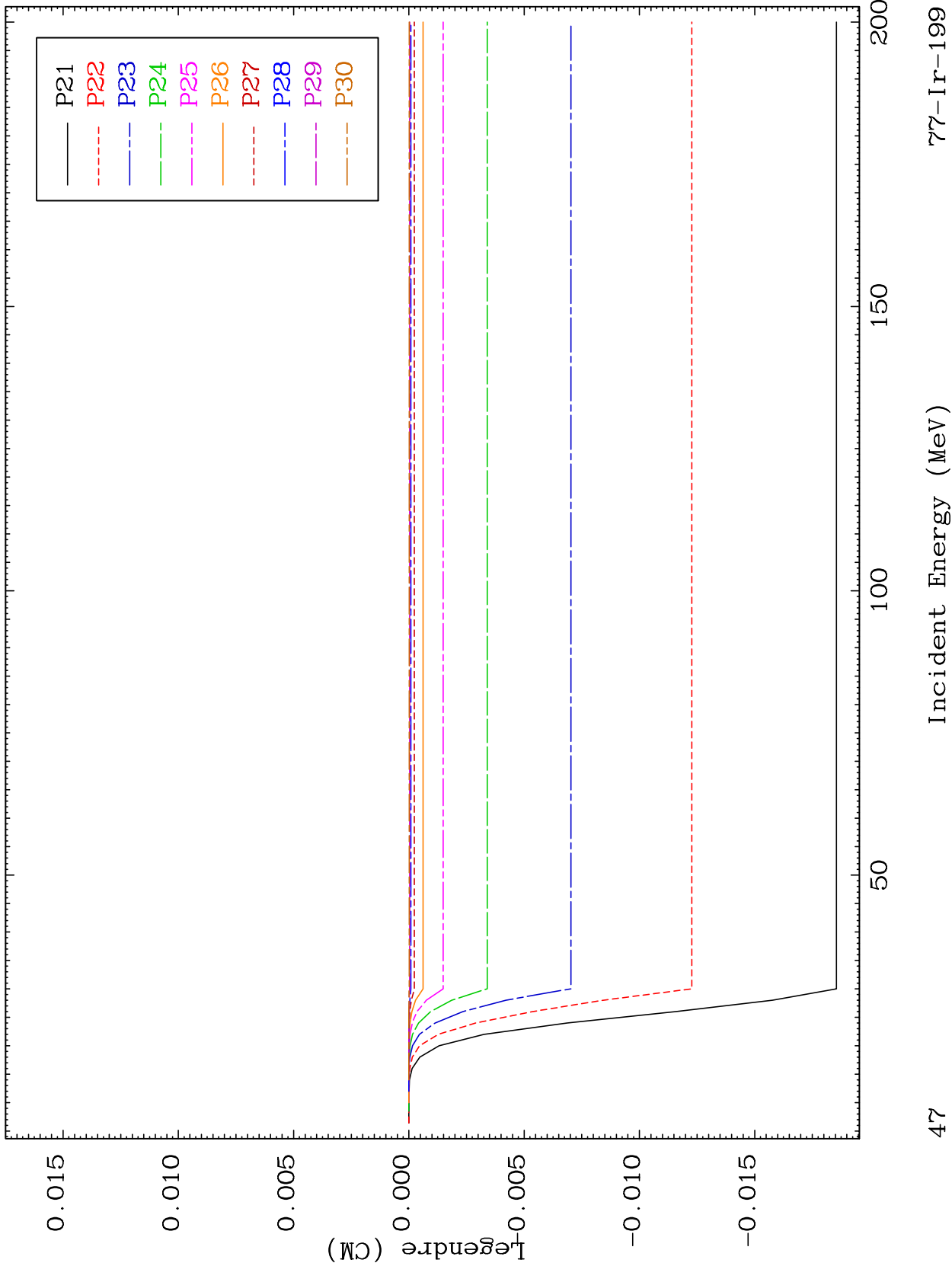
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

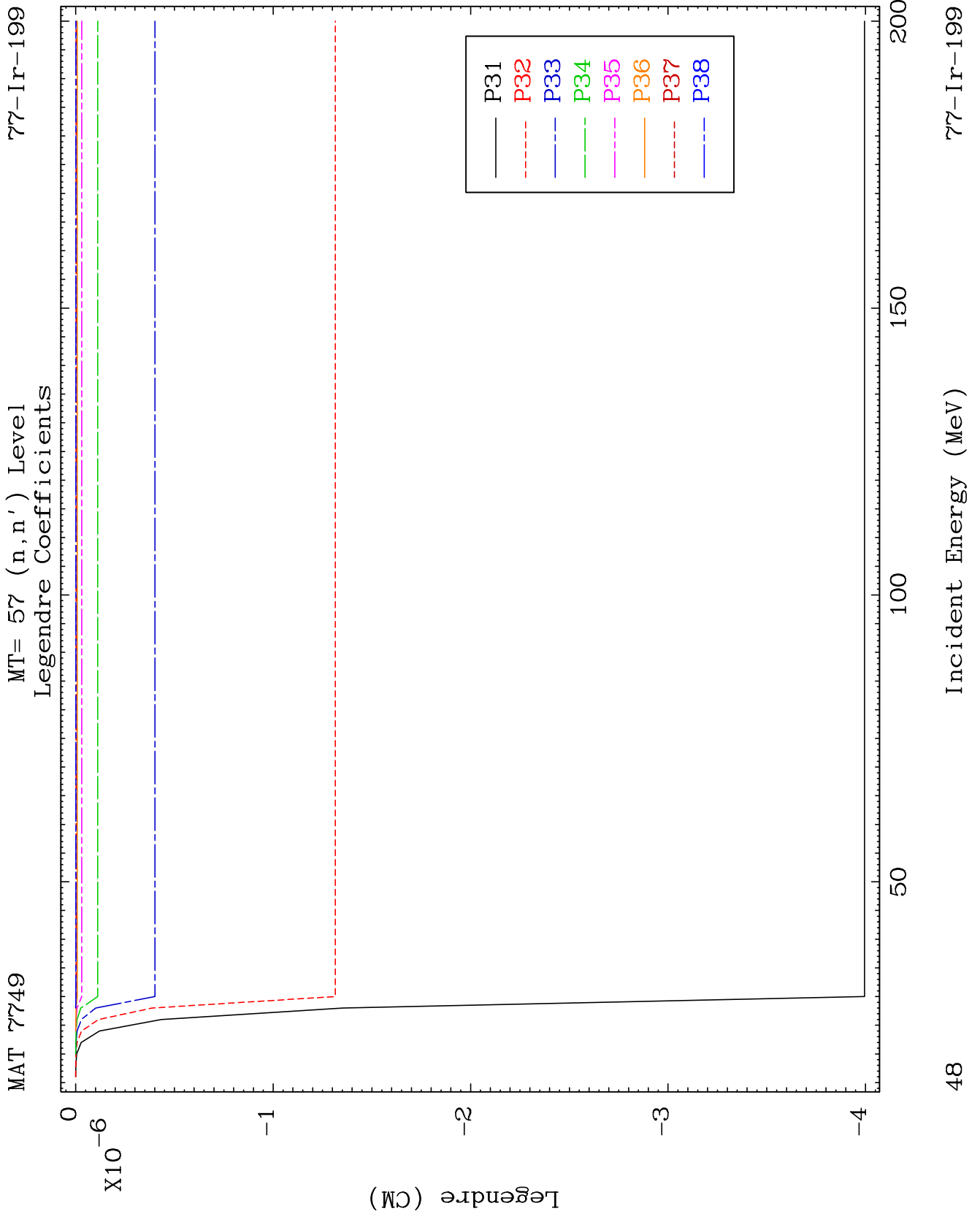
77-Ir-199



47

Incident Energy (MeV)

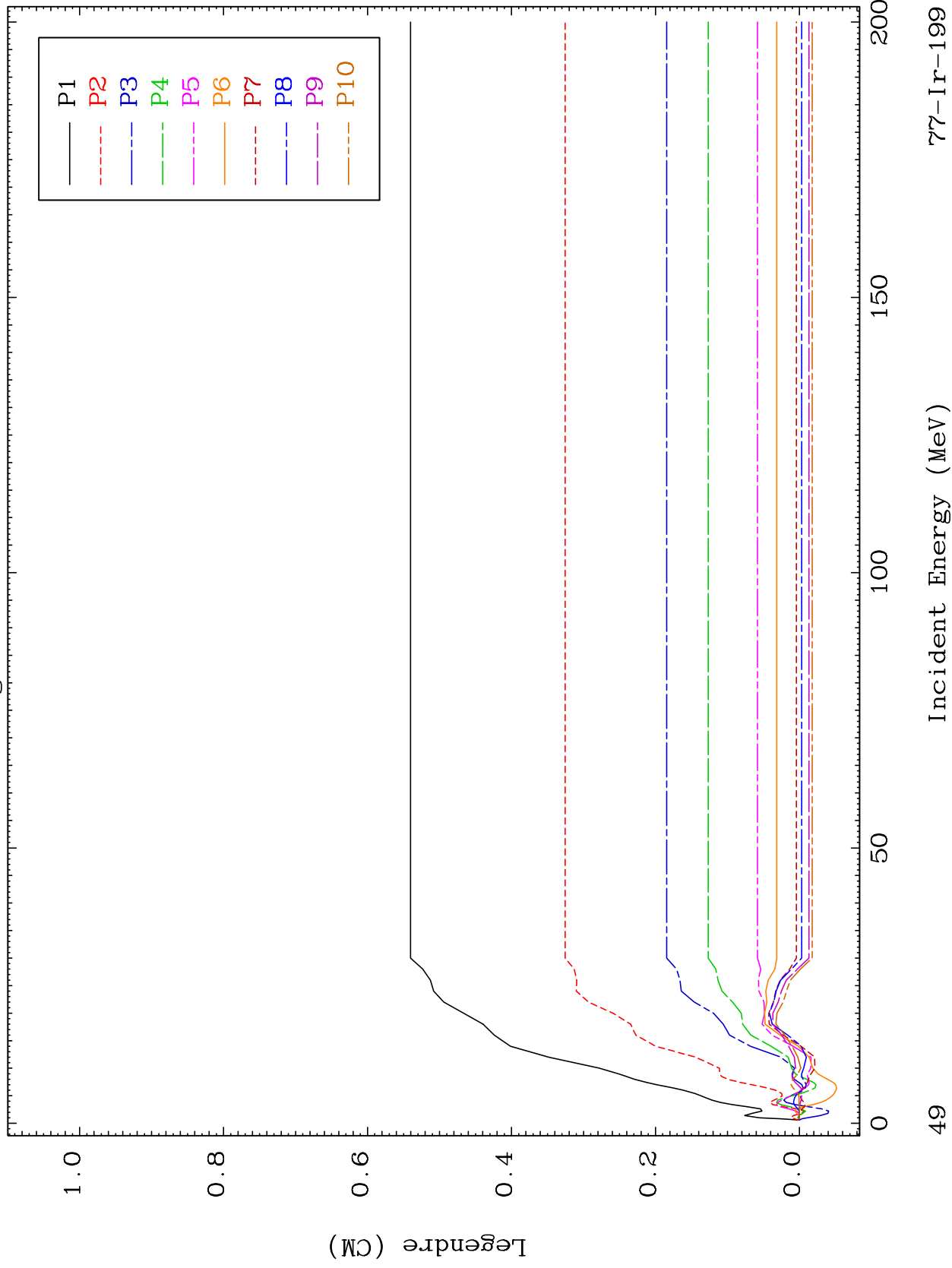
77-Ir-199



MAT 7749

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

77-Ir-199



77-Ir-199

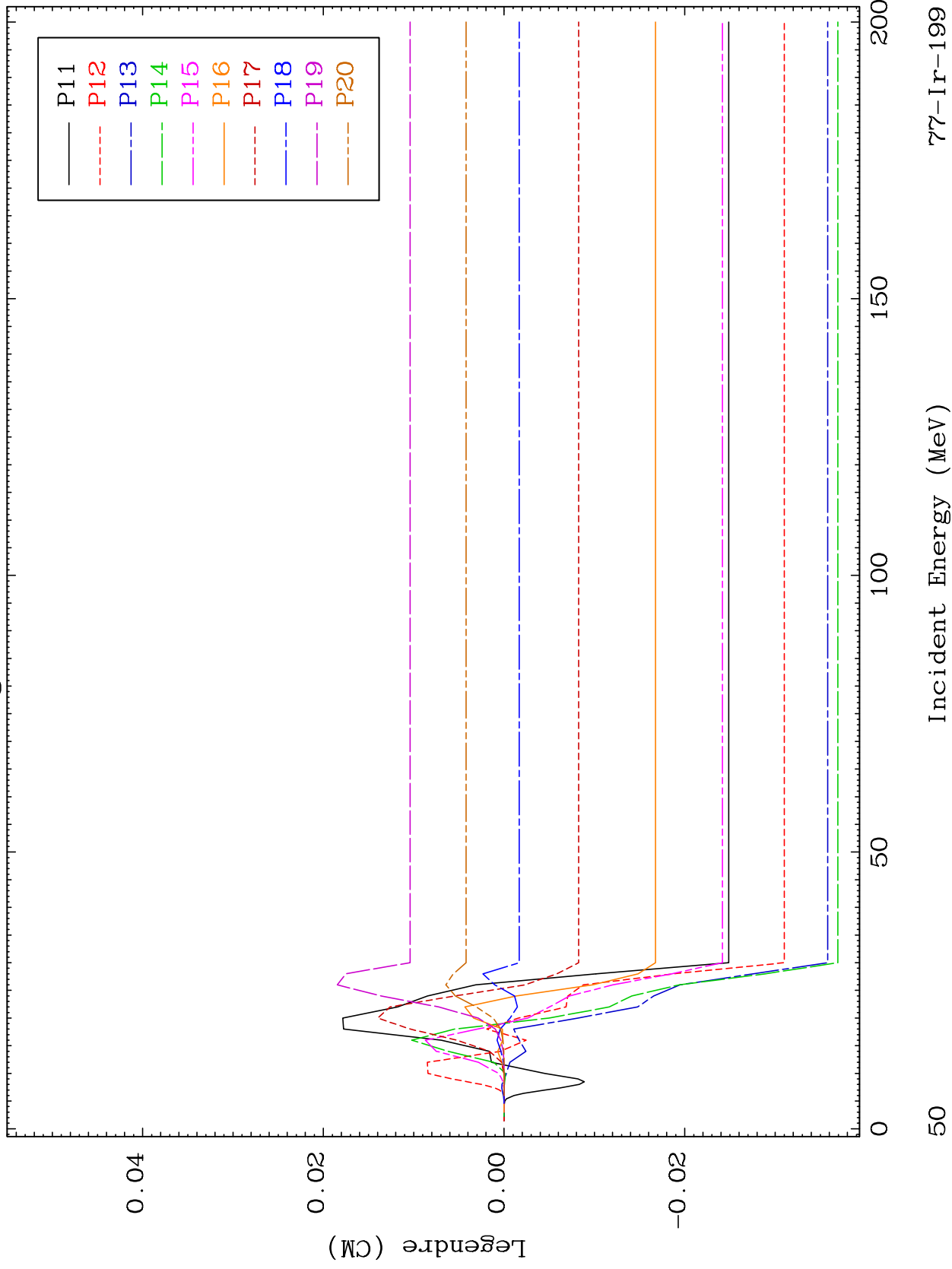
Incident Energy (MeV)

49

MAT 7749

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

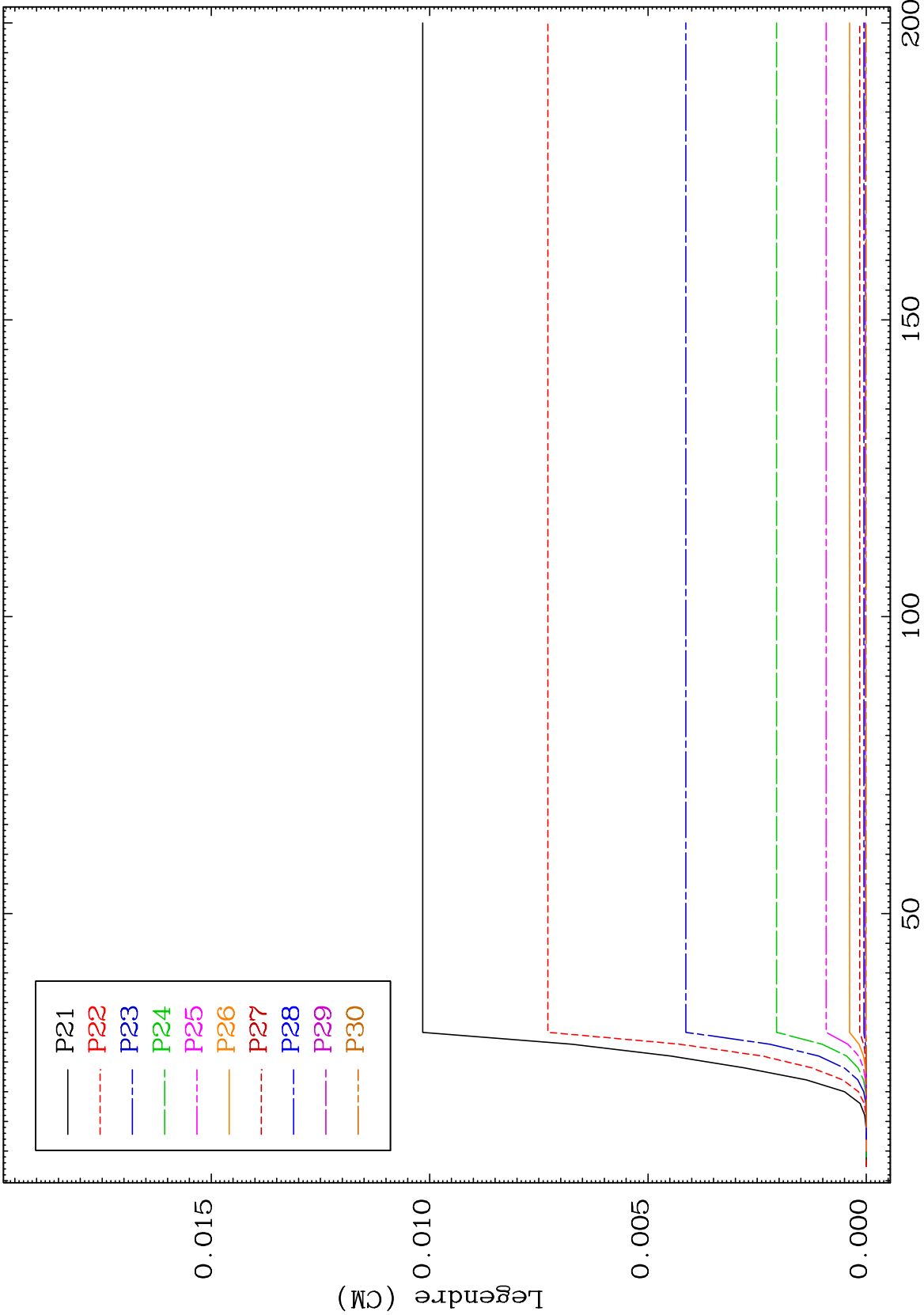
77-Ir-199

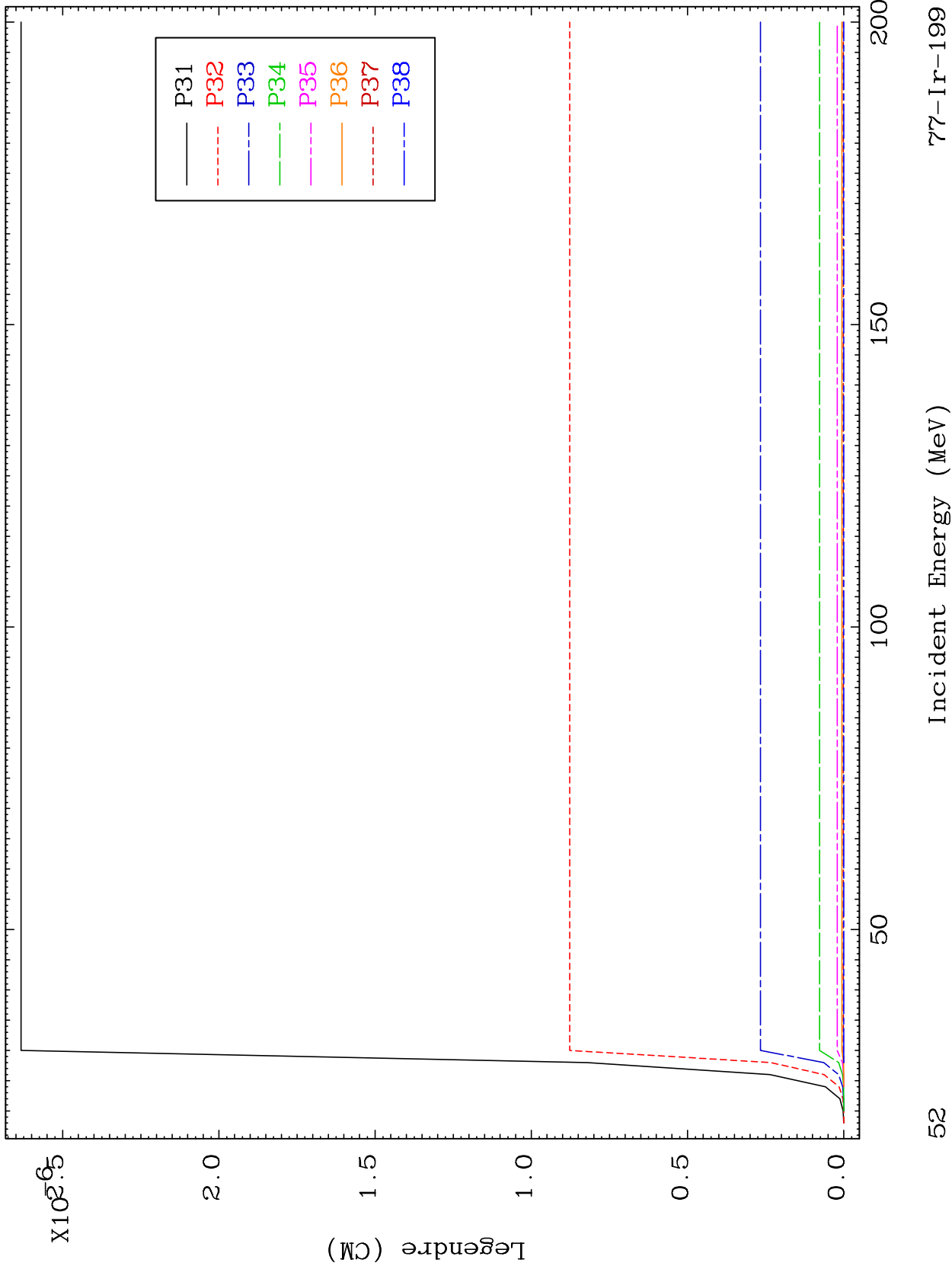


77-Ir-199

Incident Energy (MeV)

50

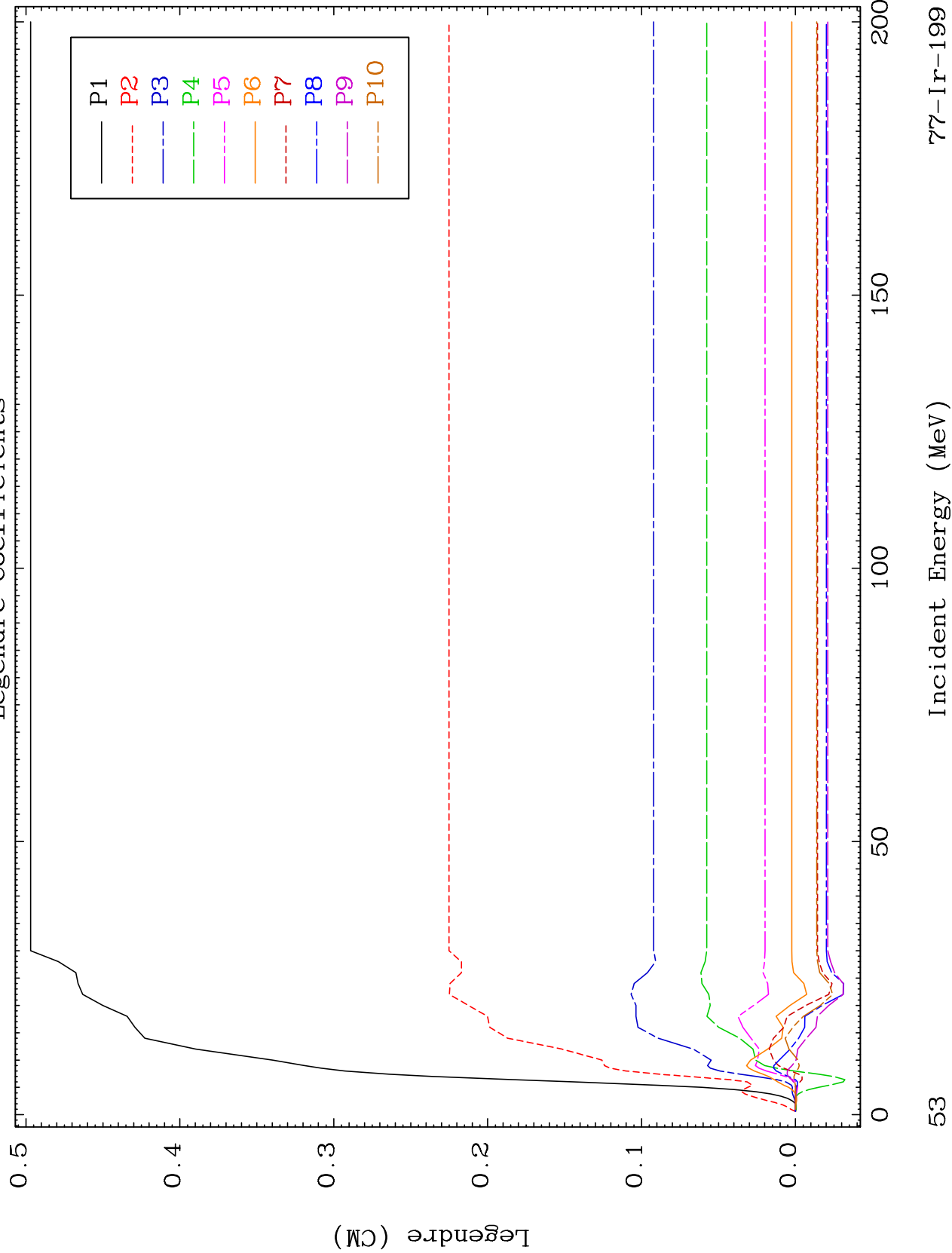




MAT 7749

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

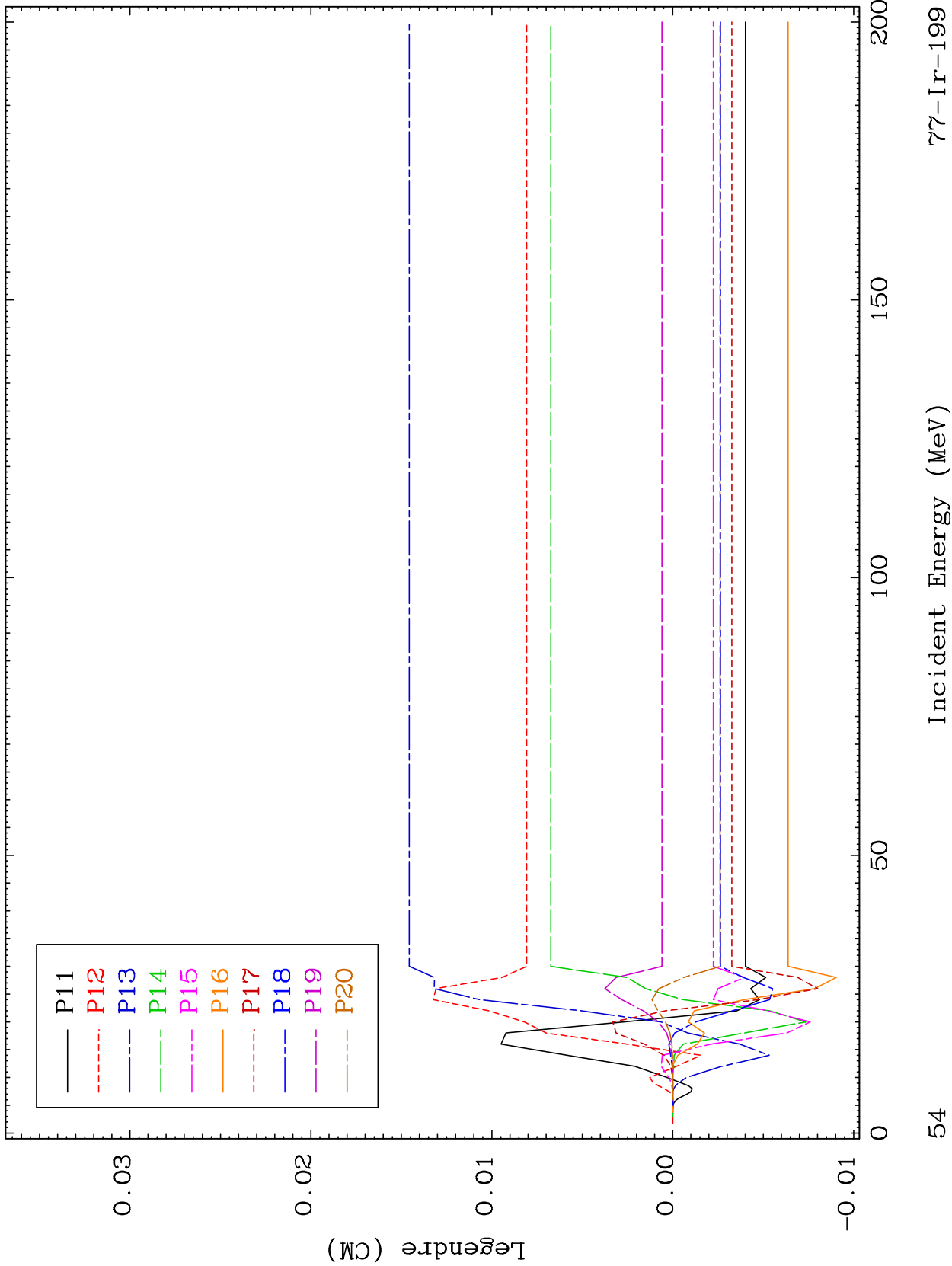
77-Ir-199



77-Ir-199

Incident Energy (MeV)

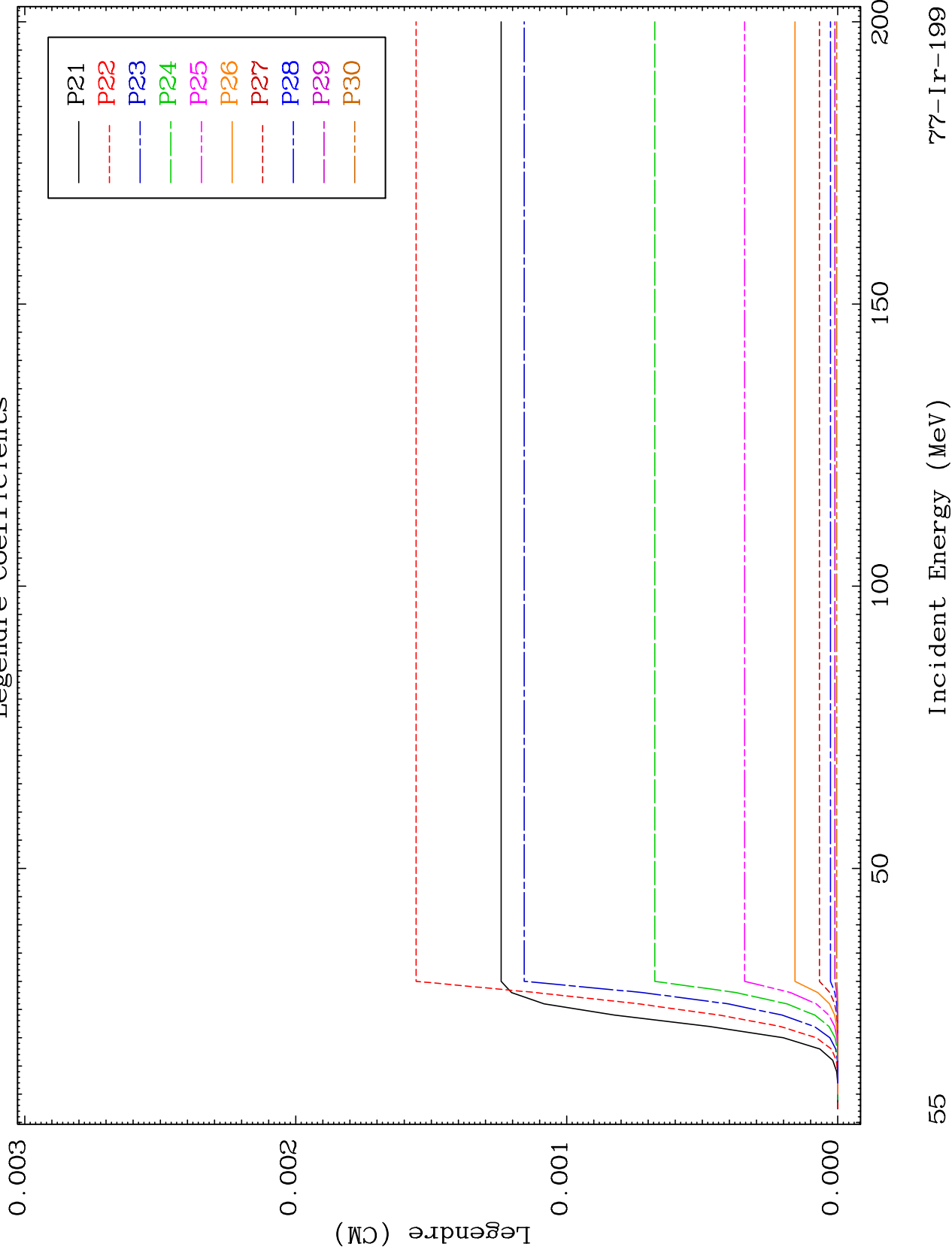
53



MAT 7749

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

77-Ir-199



55

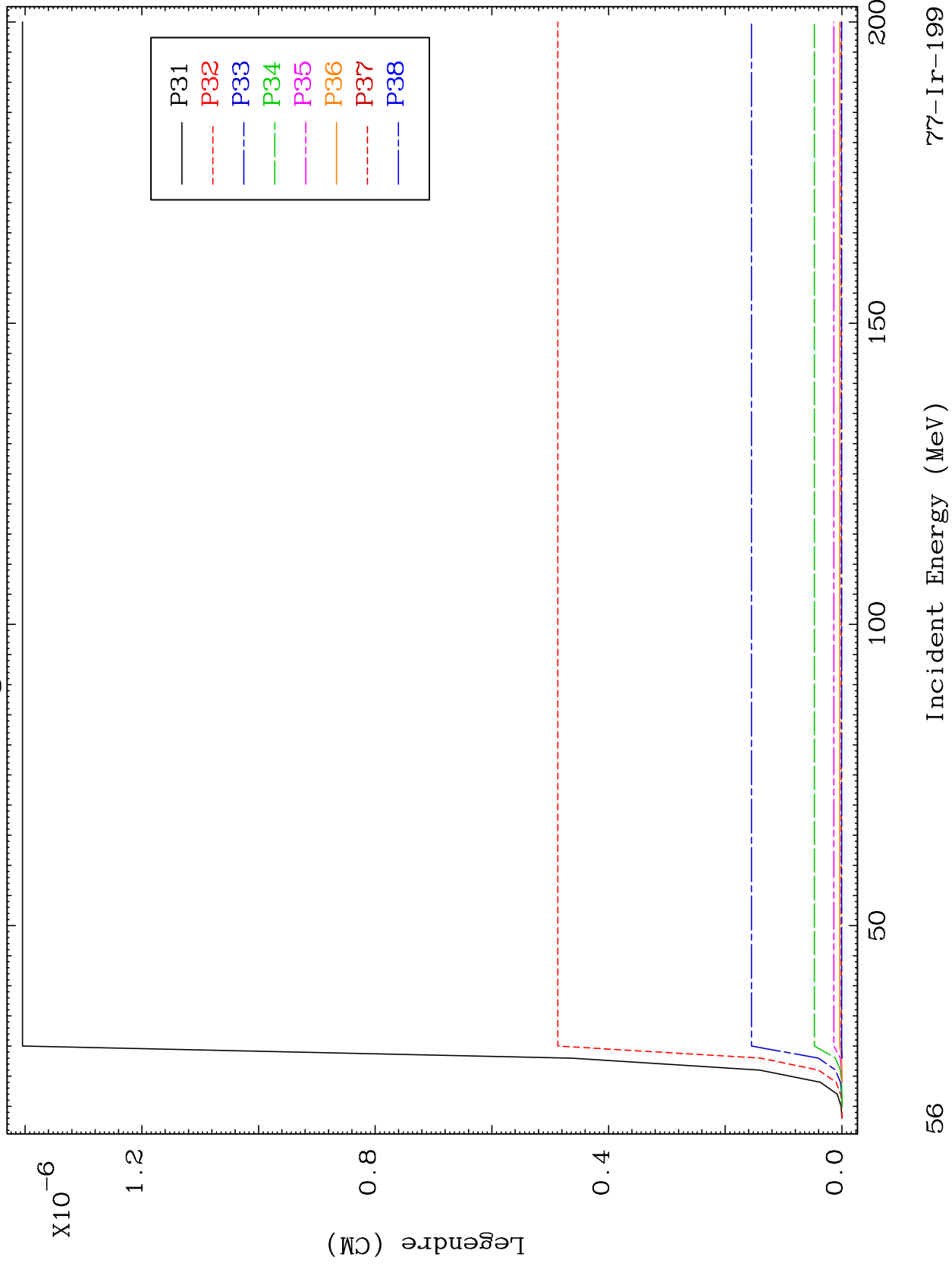
Incident Energy (MeV)

77-Ir-199

MAT 7749

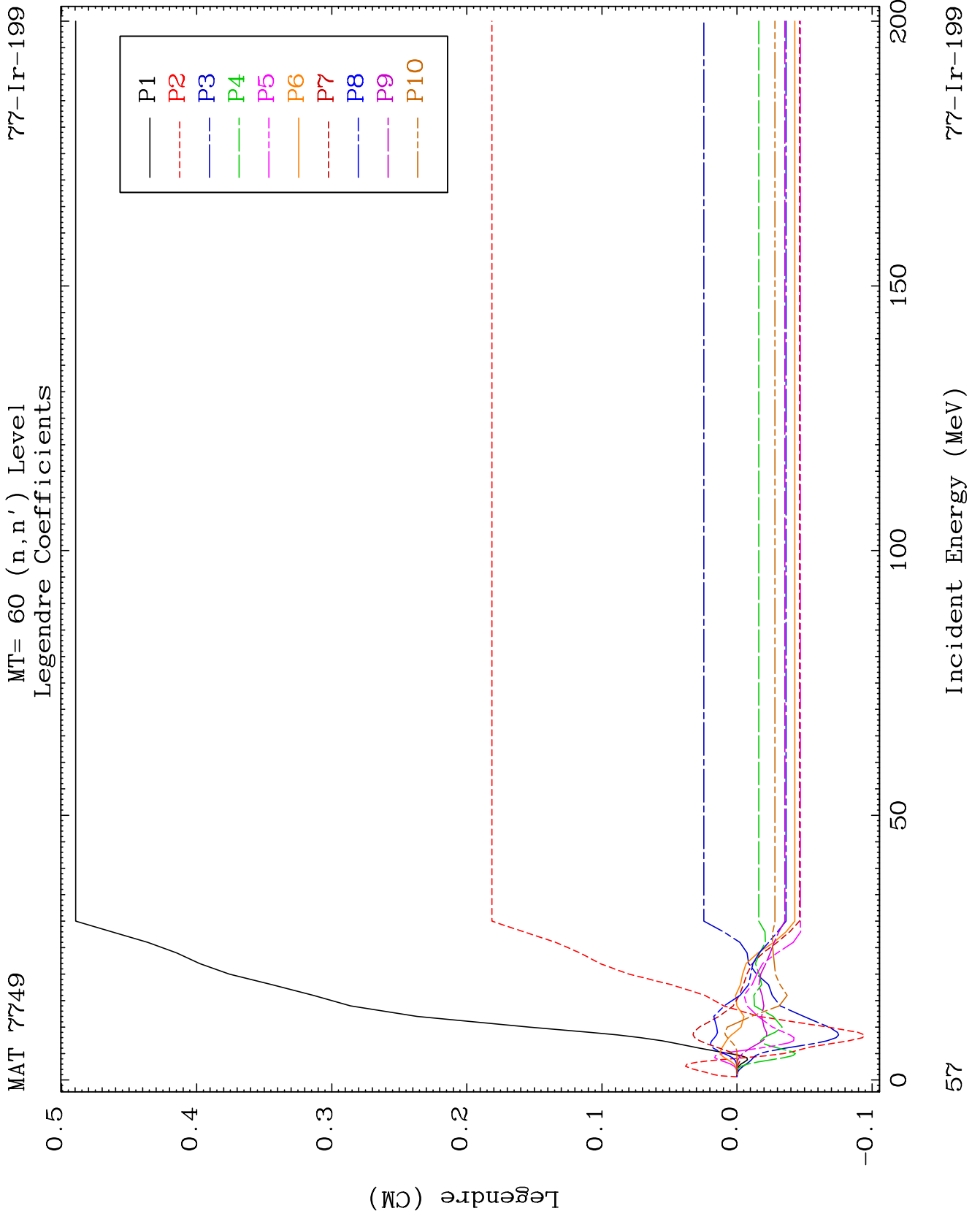
MT= 59 (n,n') Level
Legendre Coefficients

77-Ir-199



56

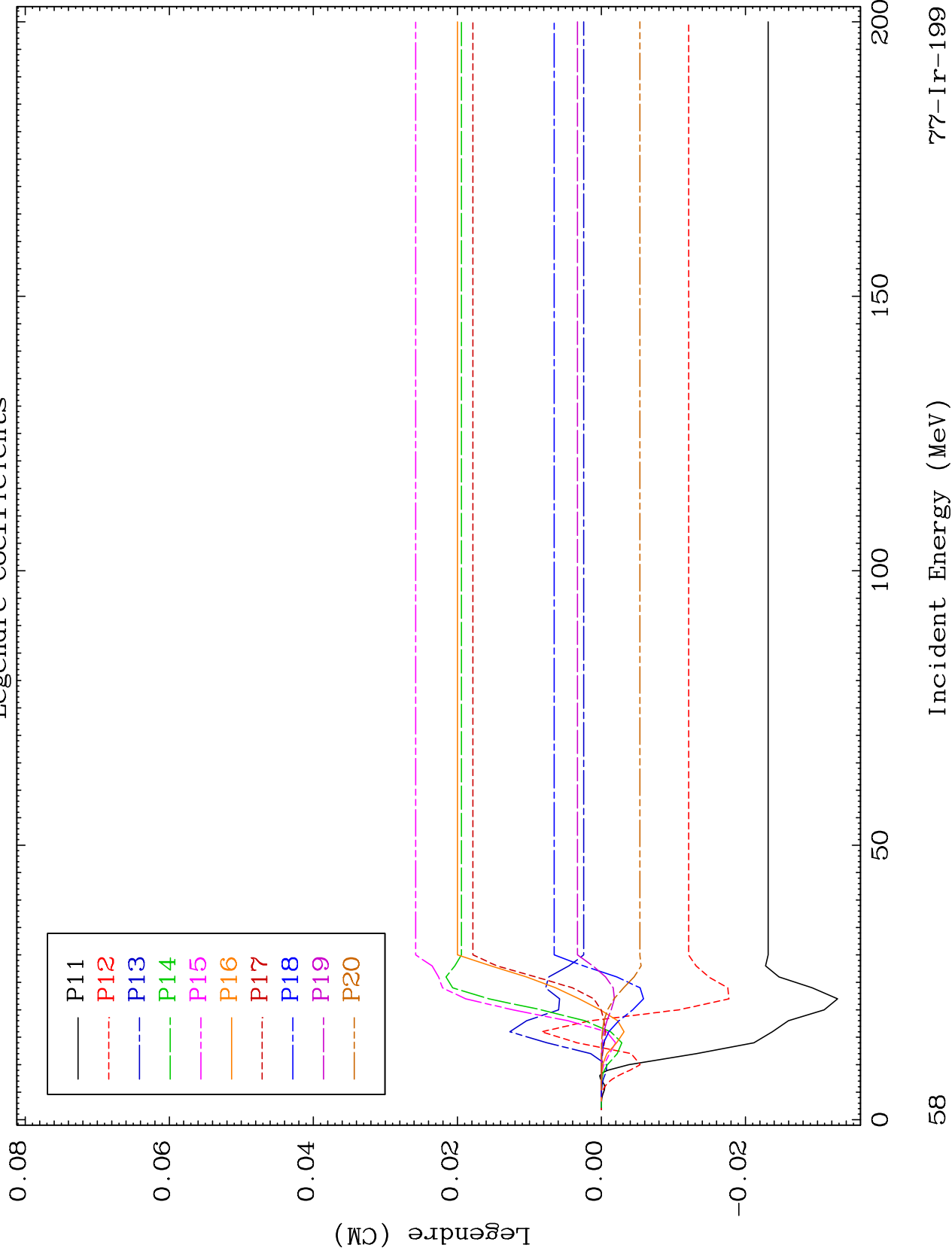
77-Ir-199



MAT 7749

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

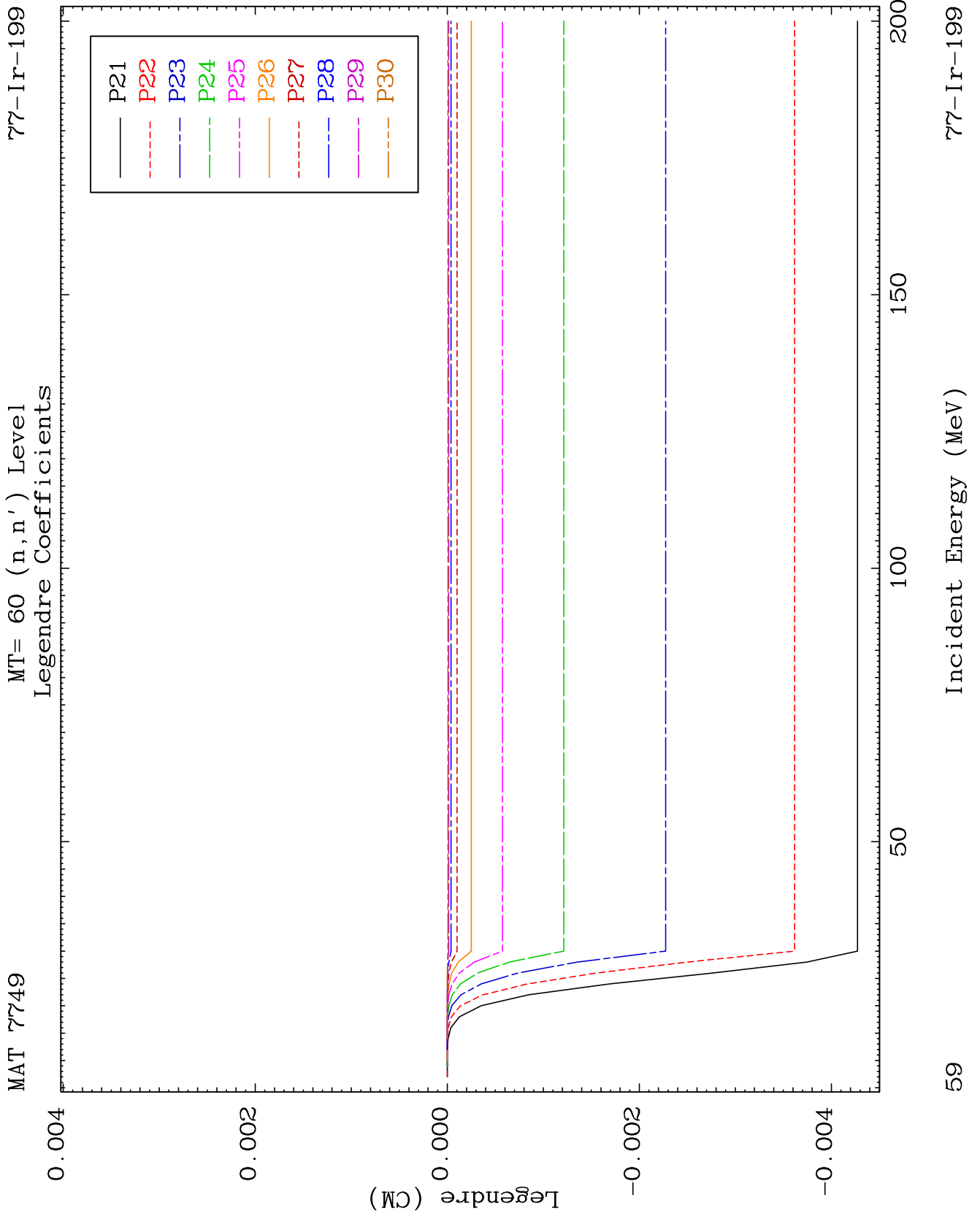
77-Ir-199

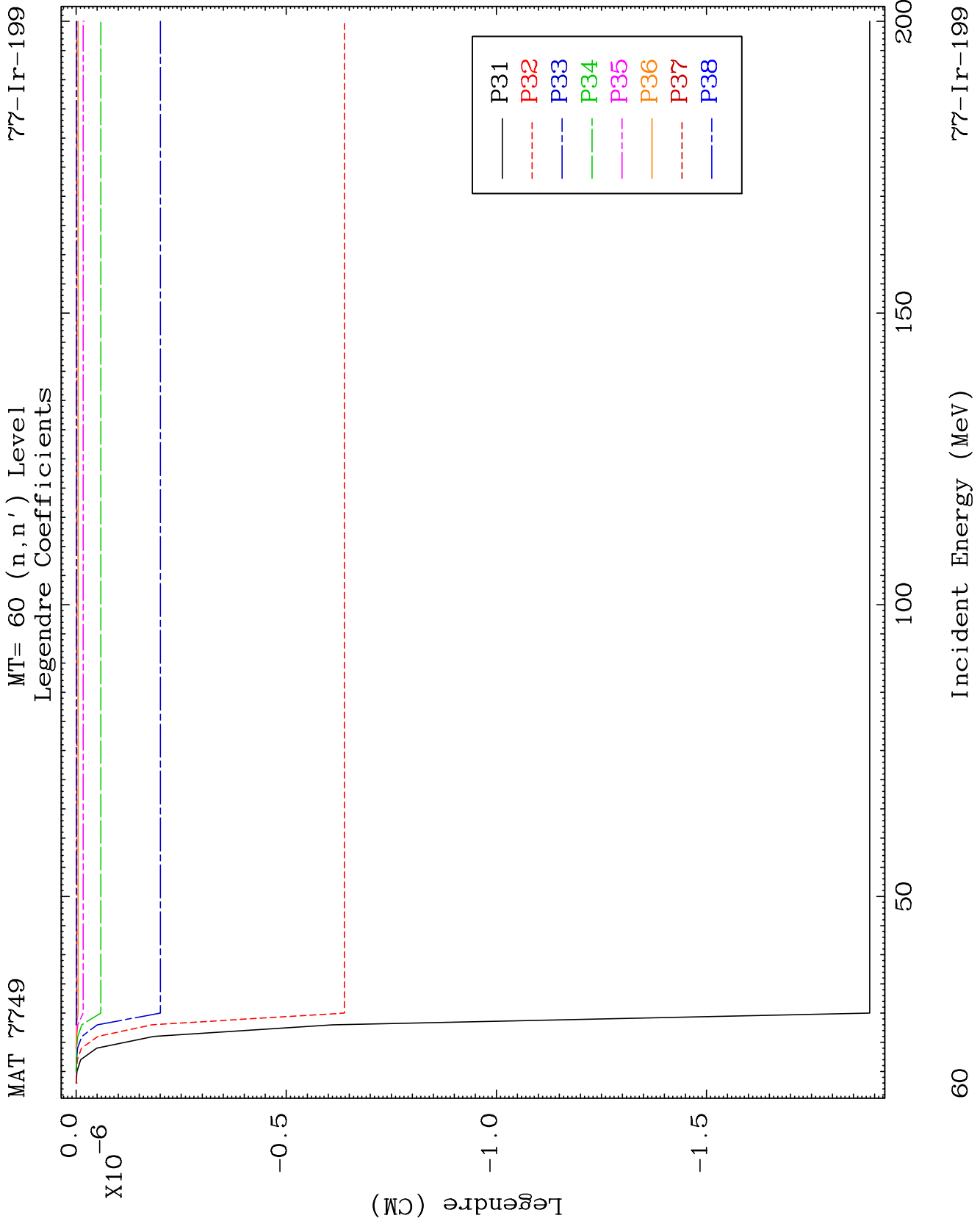


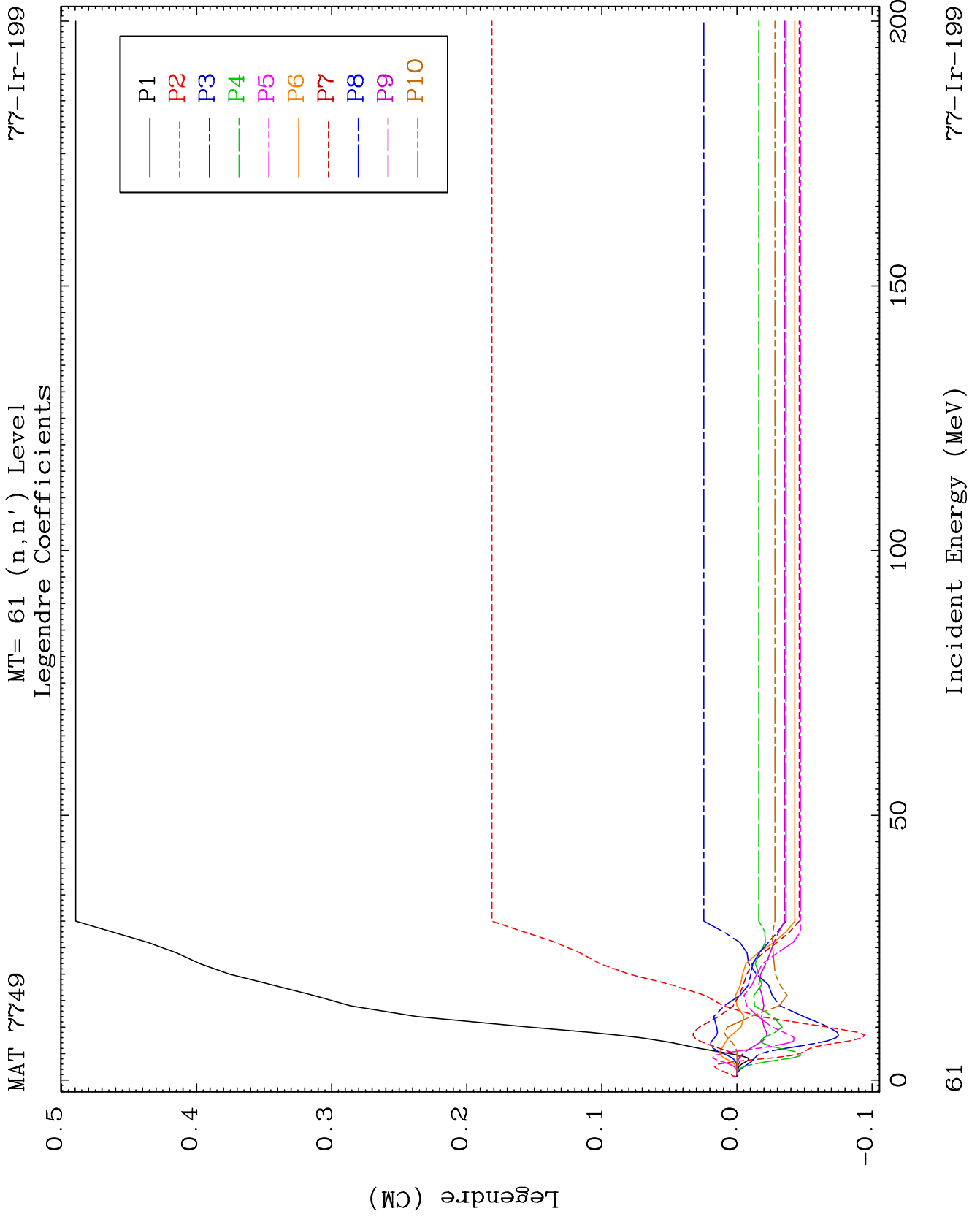
58

Incident Energy (MeV)

77-Ir-199



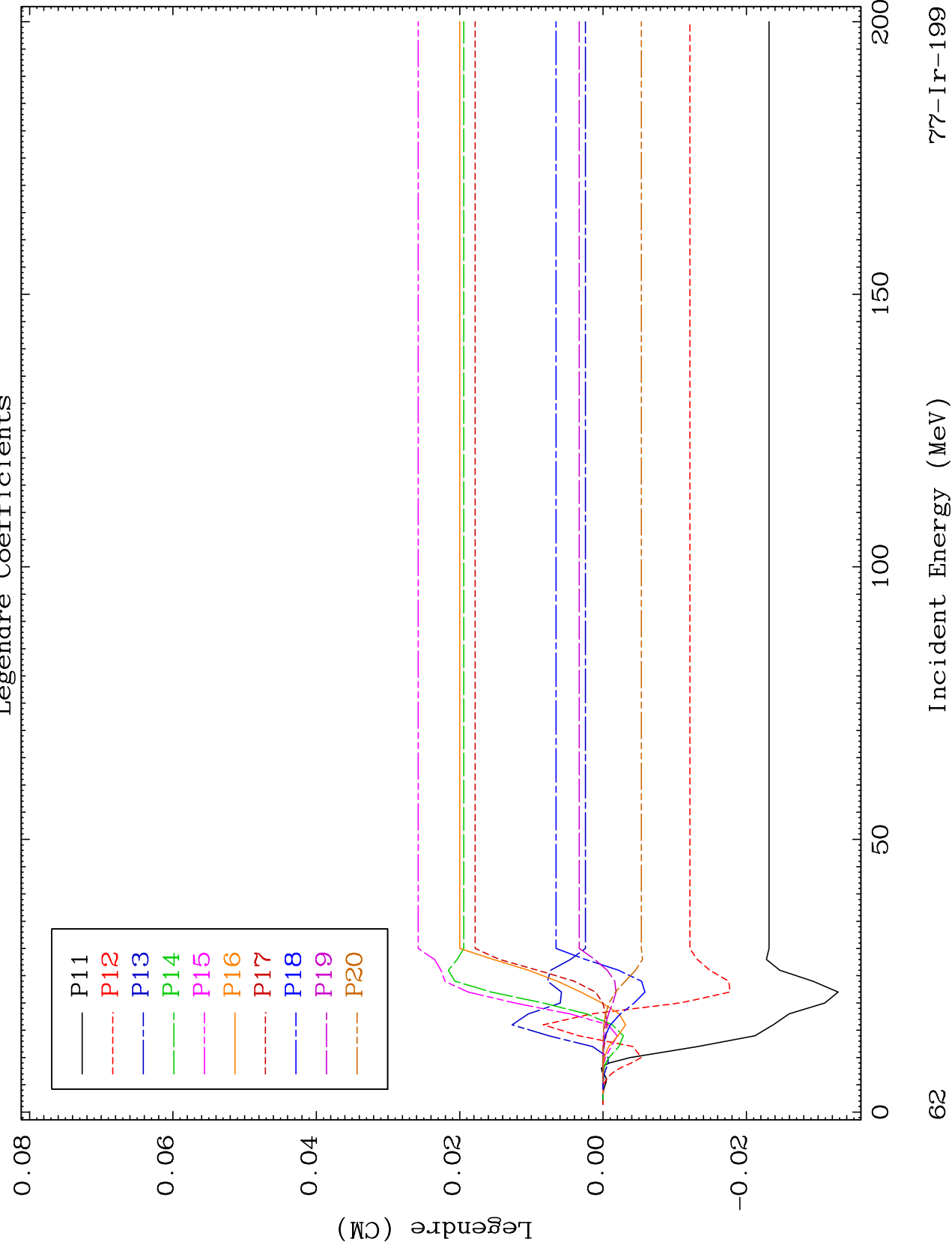




MAT 7749

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

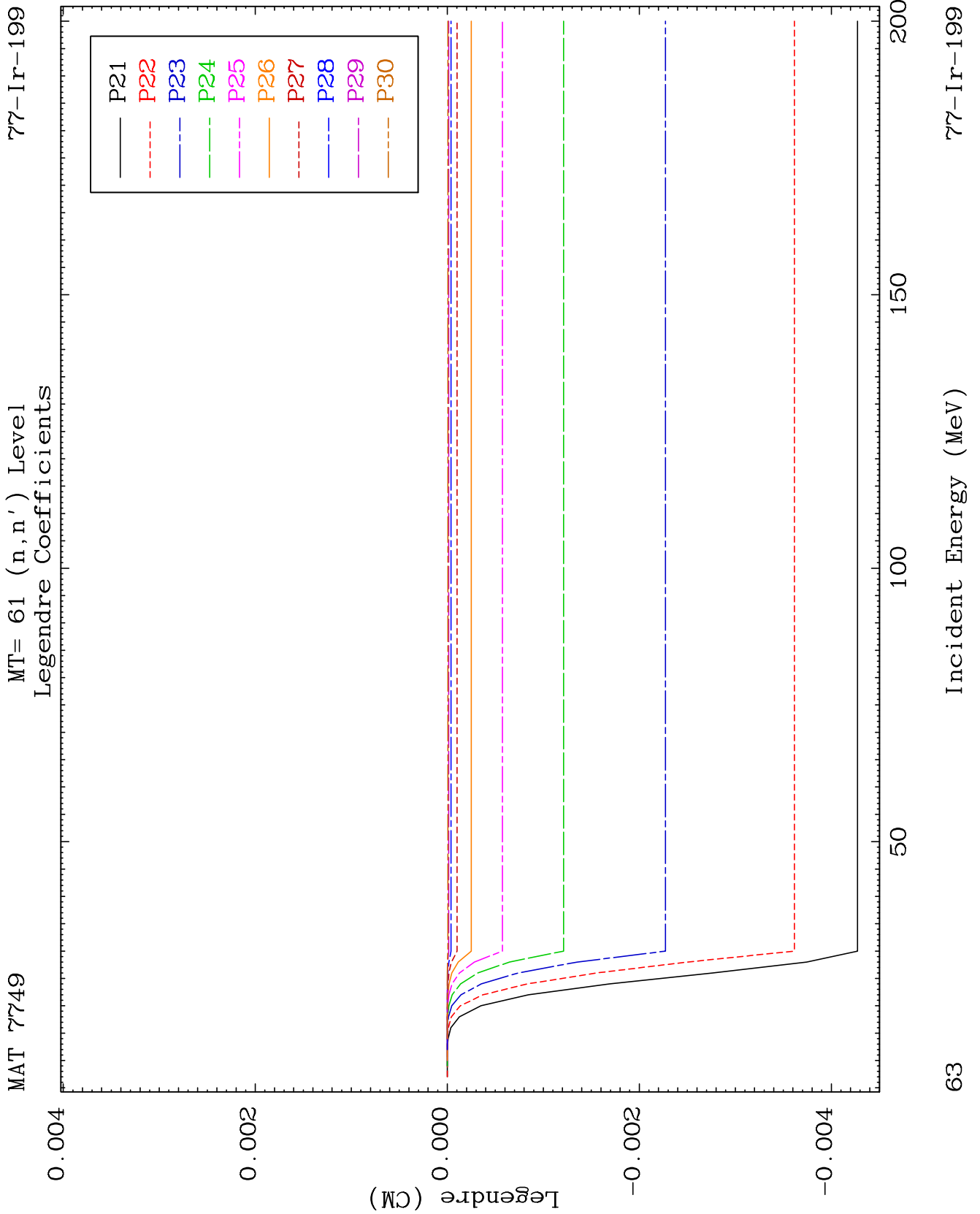
77-Ir-199

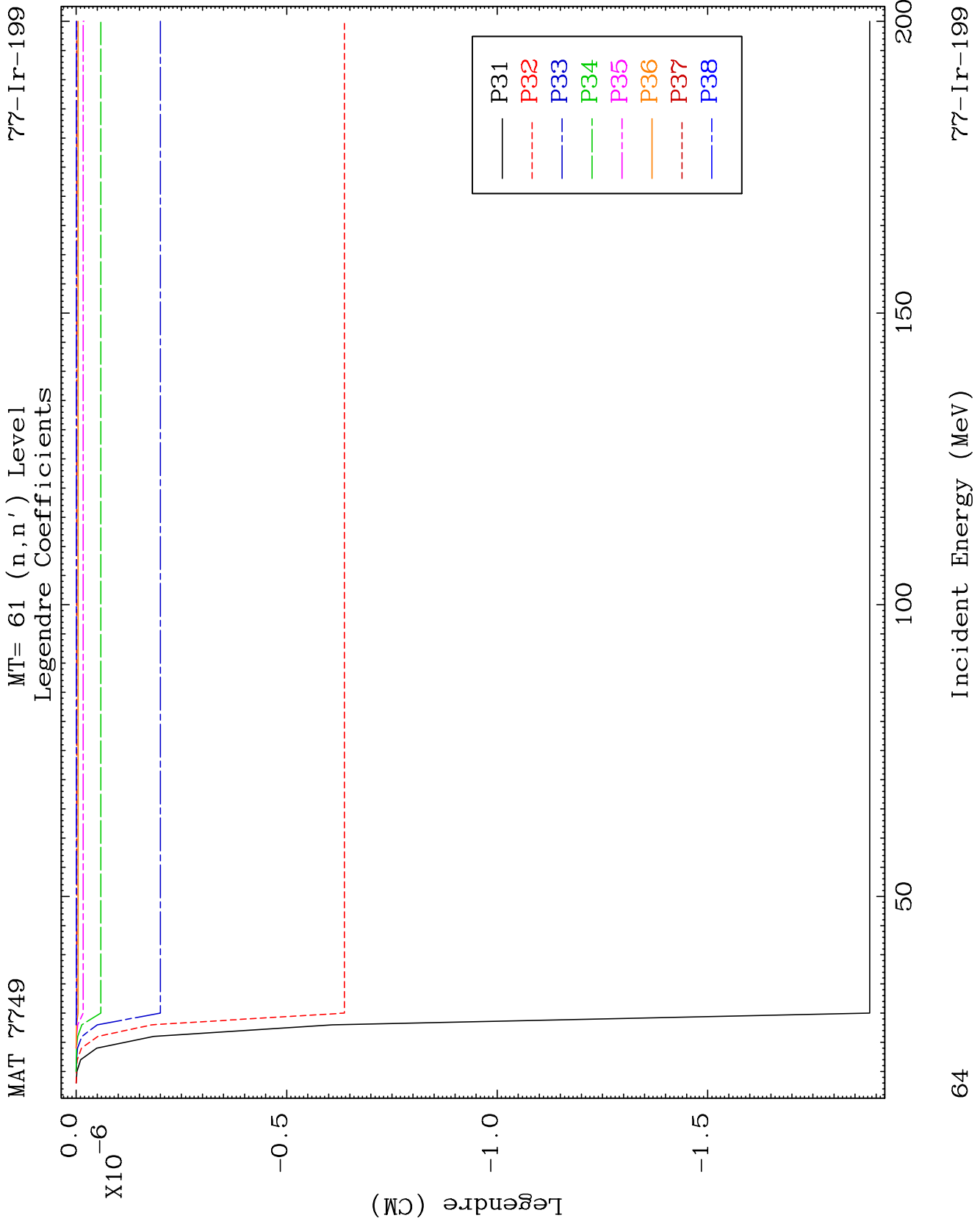


77-Ir-199

Incident Energy (MeV)

62

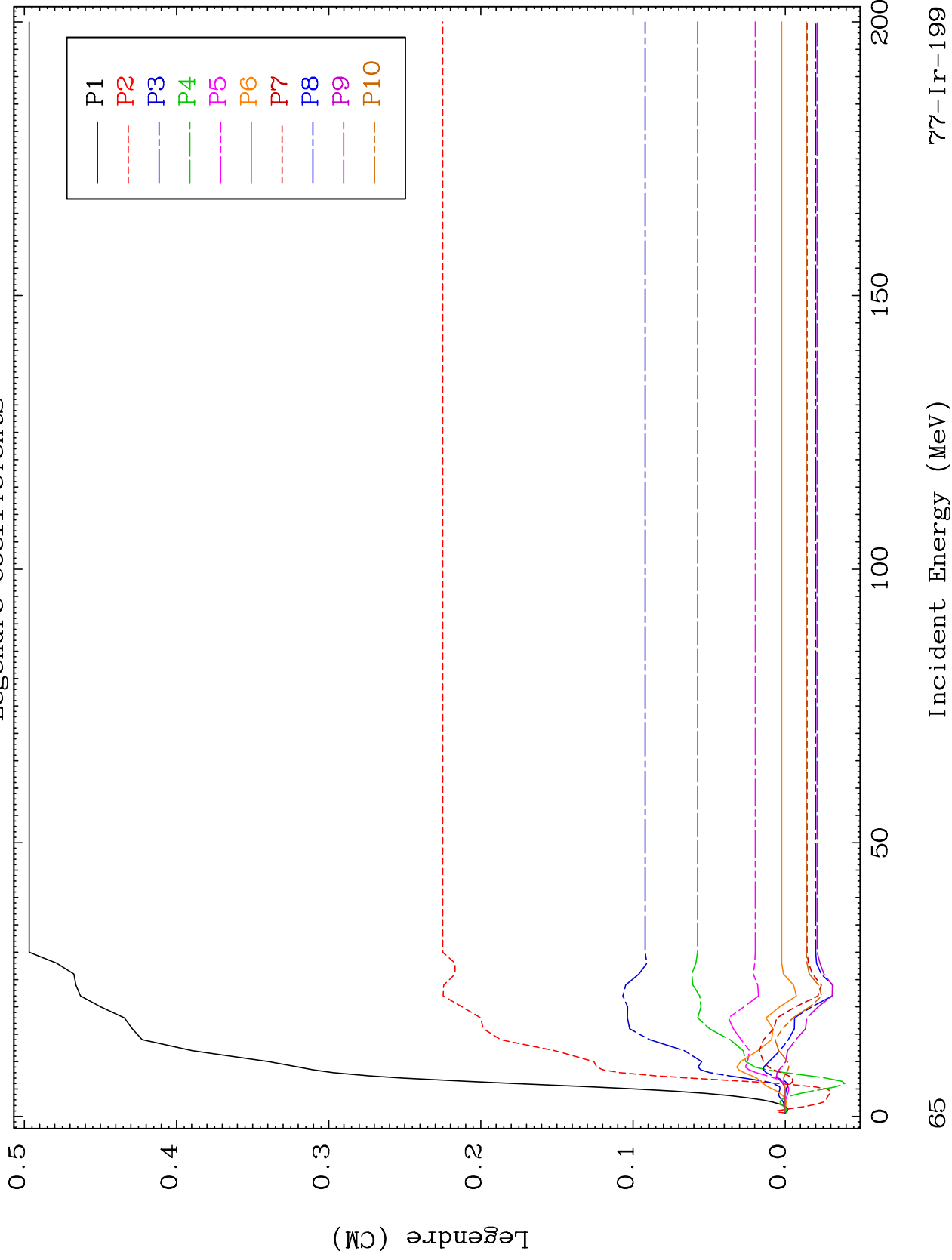




MAT 7749

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

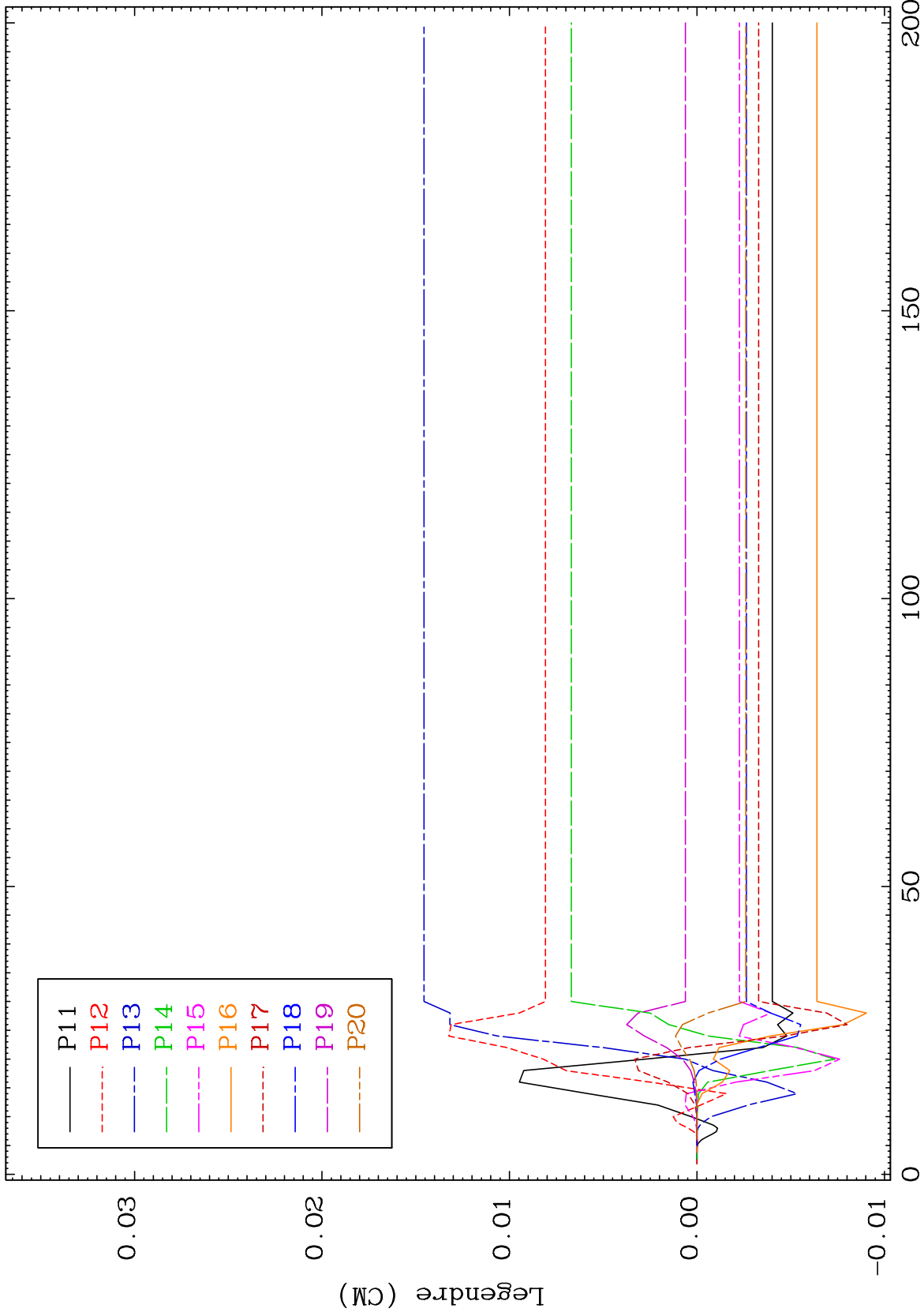
77-Ir-199



MAT 7749

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

77-Ir-199



66

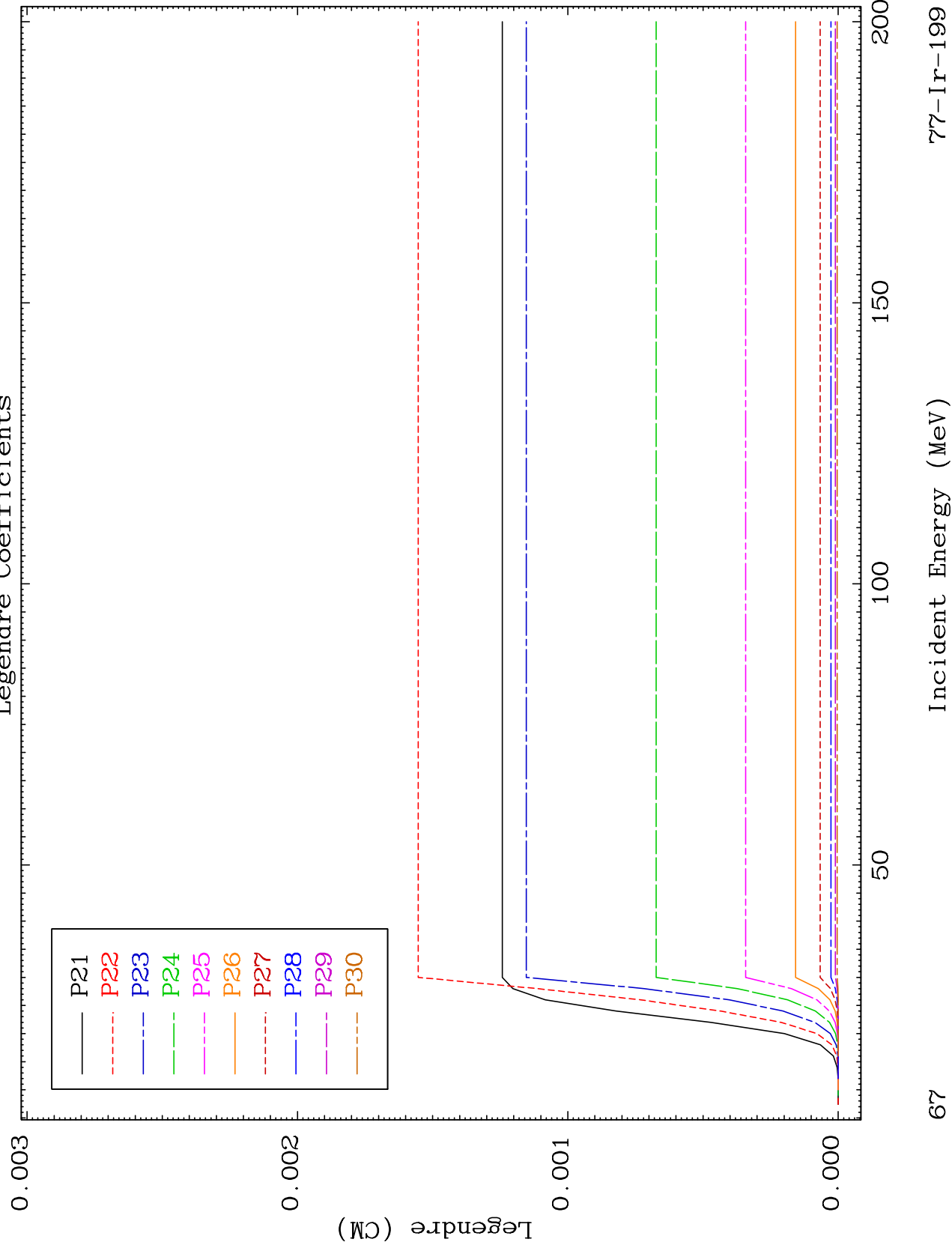
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



67

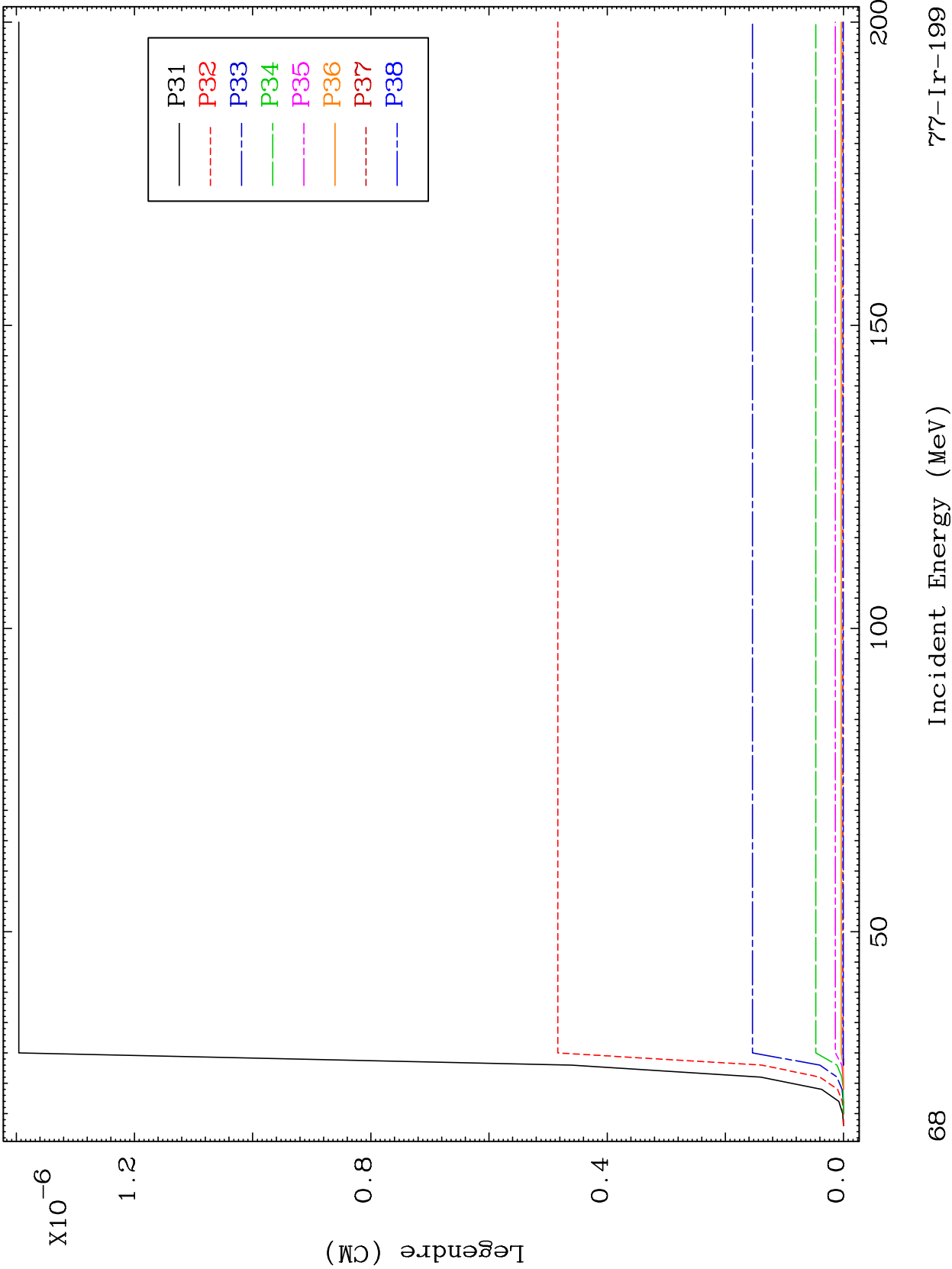
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



68

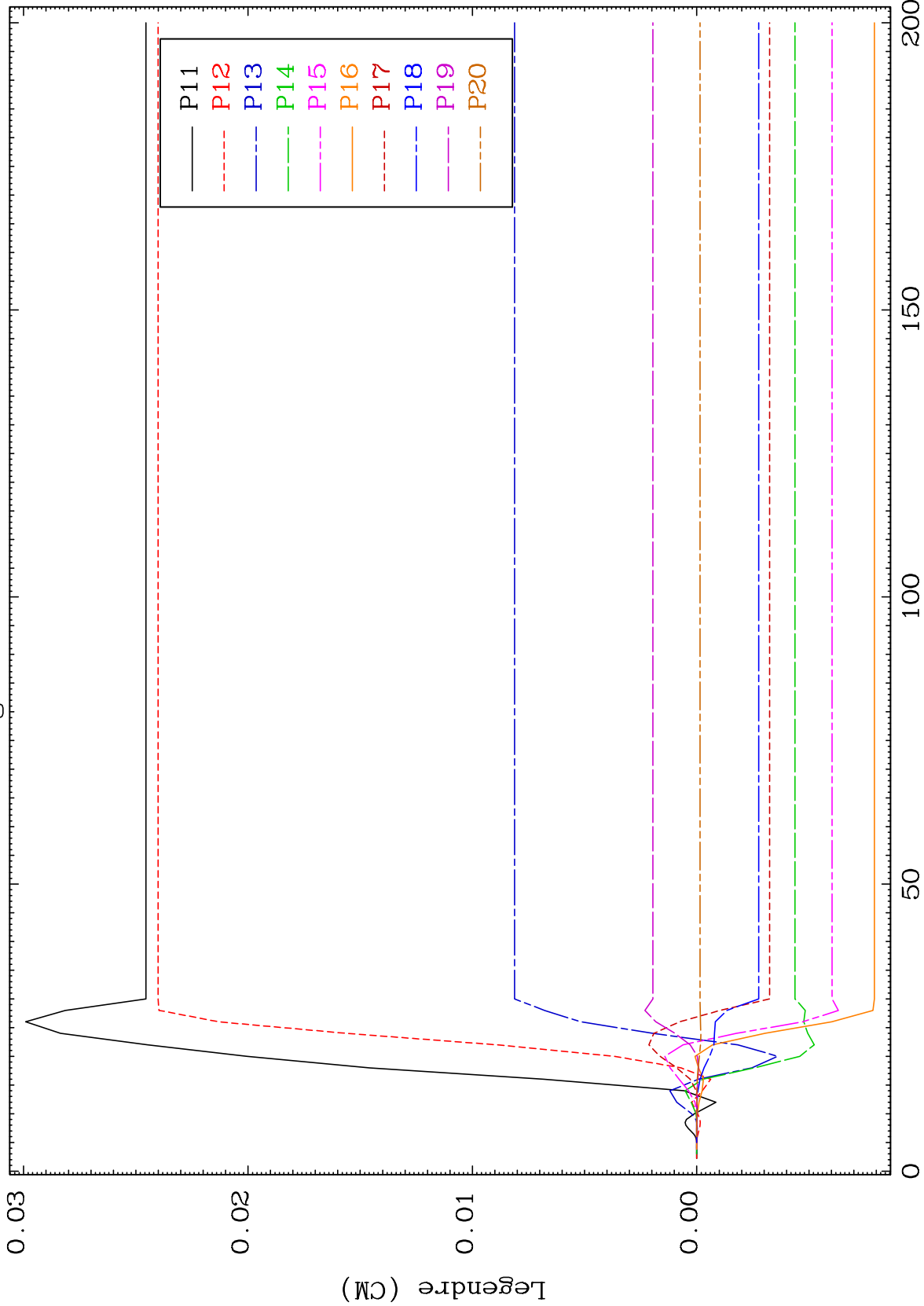
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

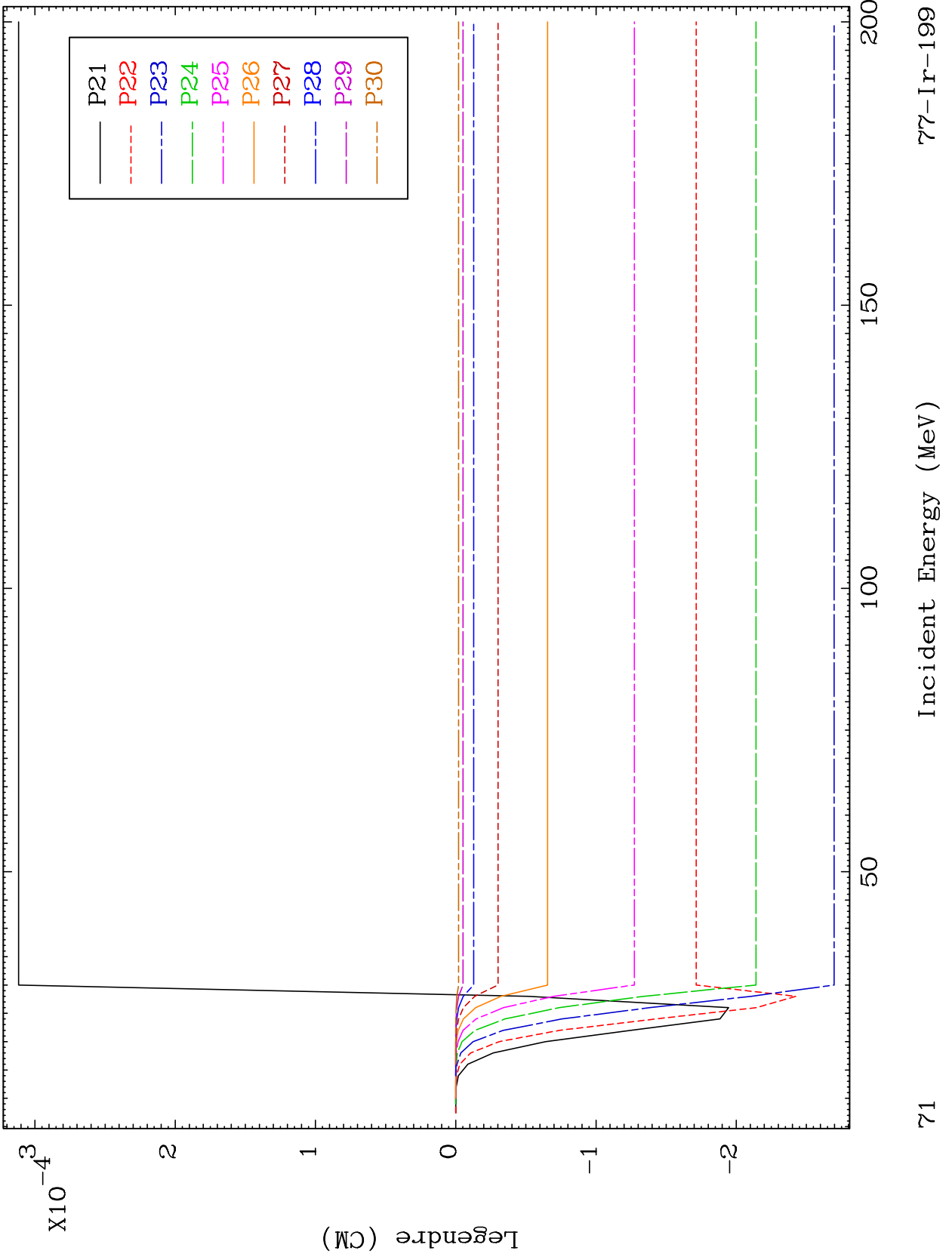
Incident Energy (MeV)

70

MAT 7749

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

77-Ir-199

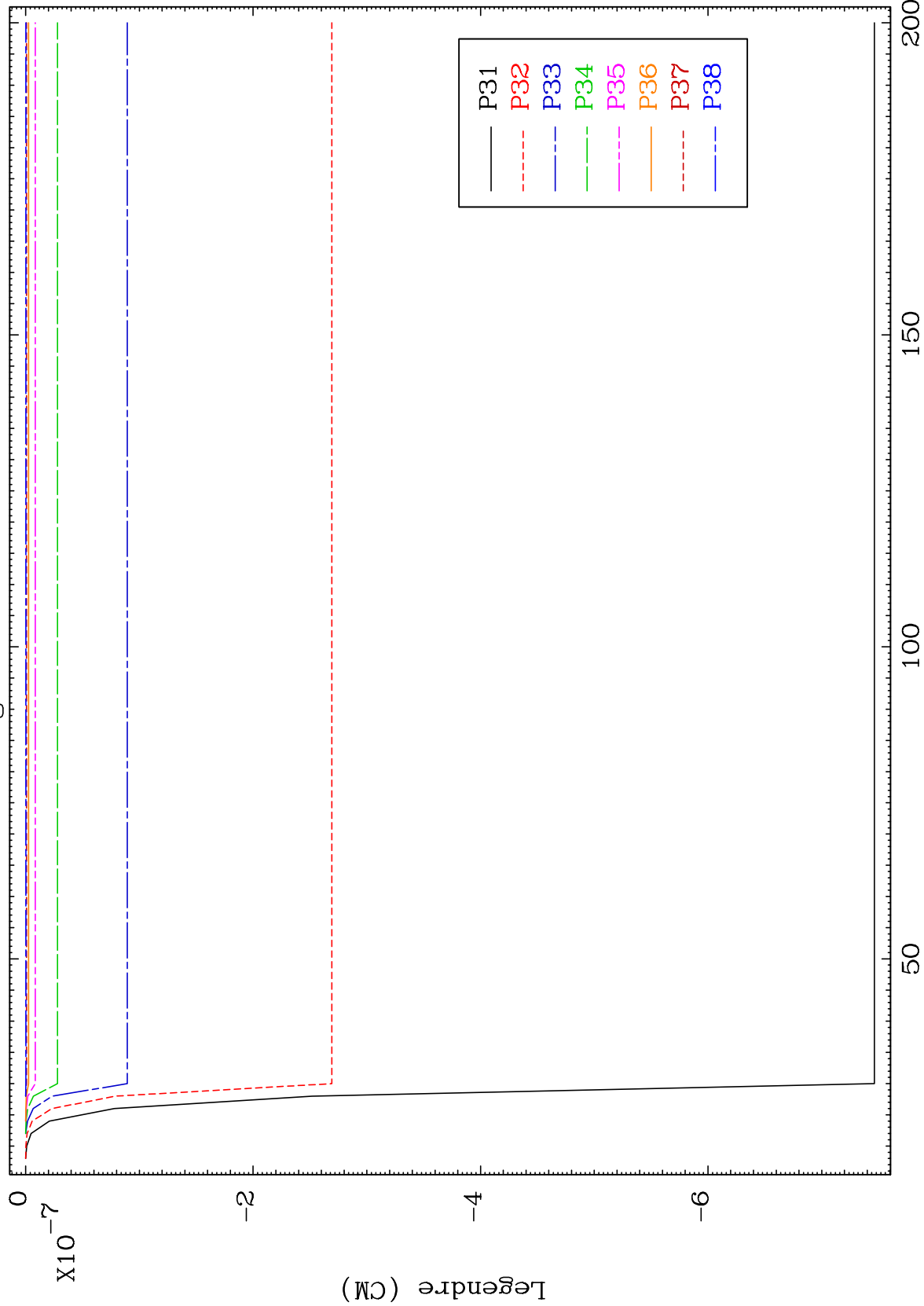


71

MAT 7749

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

77-Ir-199



77-Ir-199

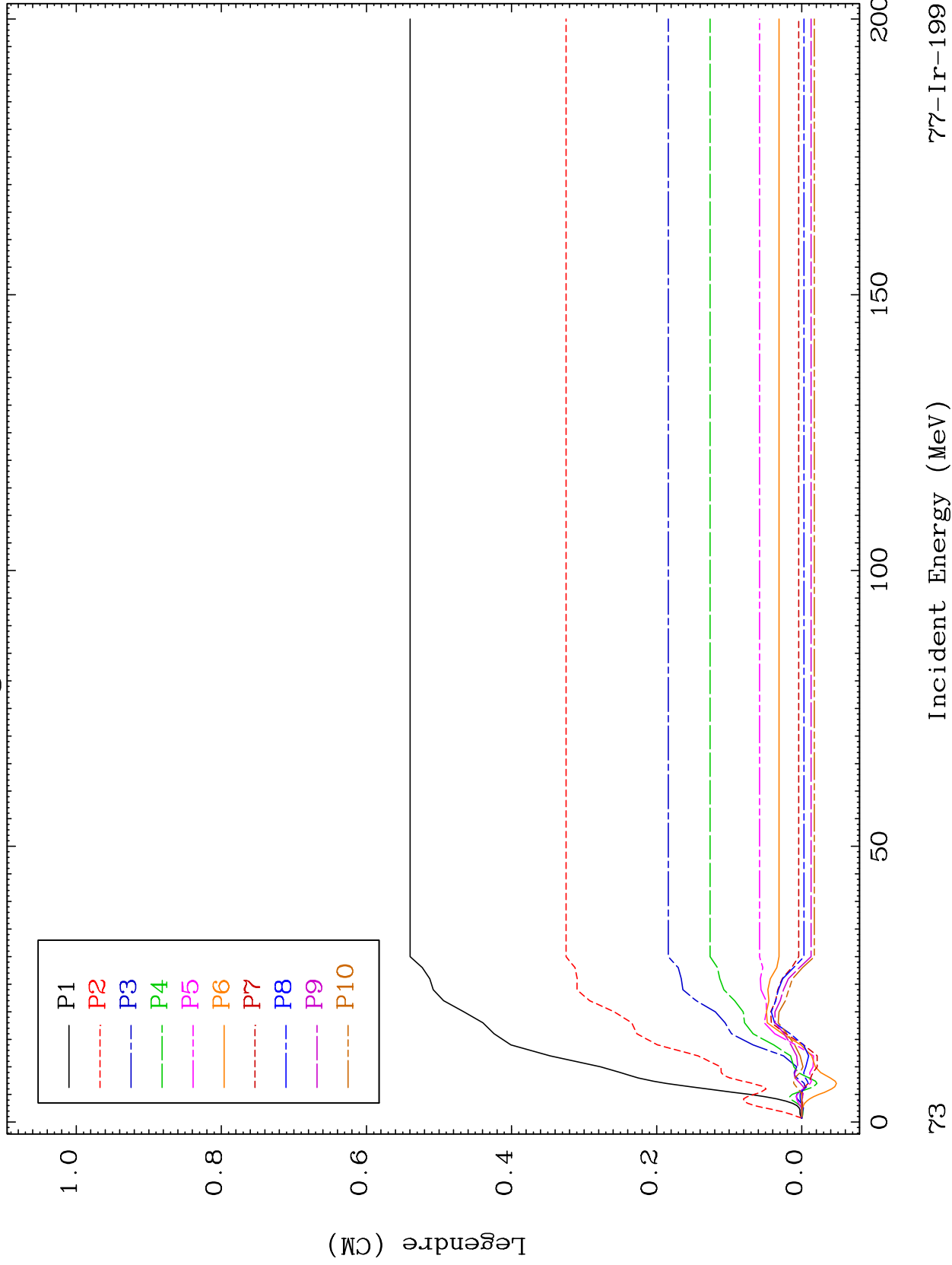
Incident Energy (MeV)

72

MAT 7749

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

77-Ir-199

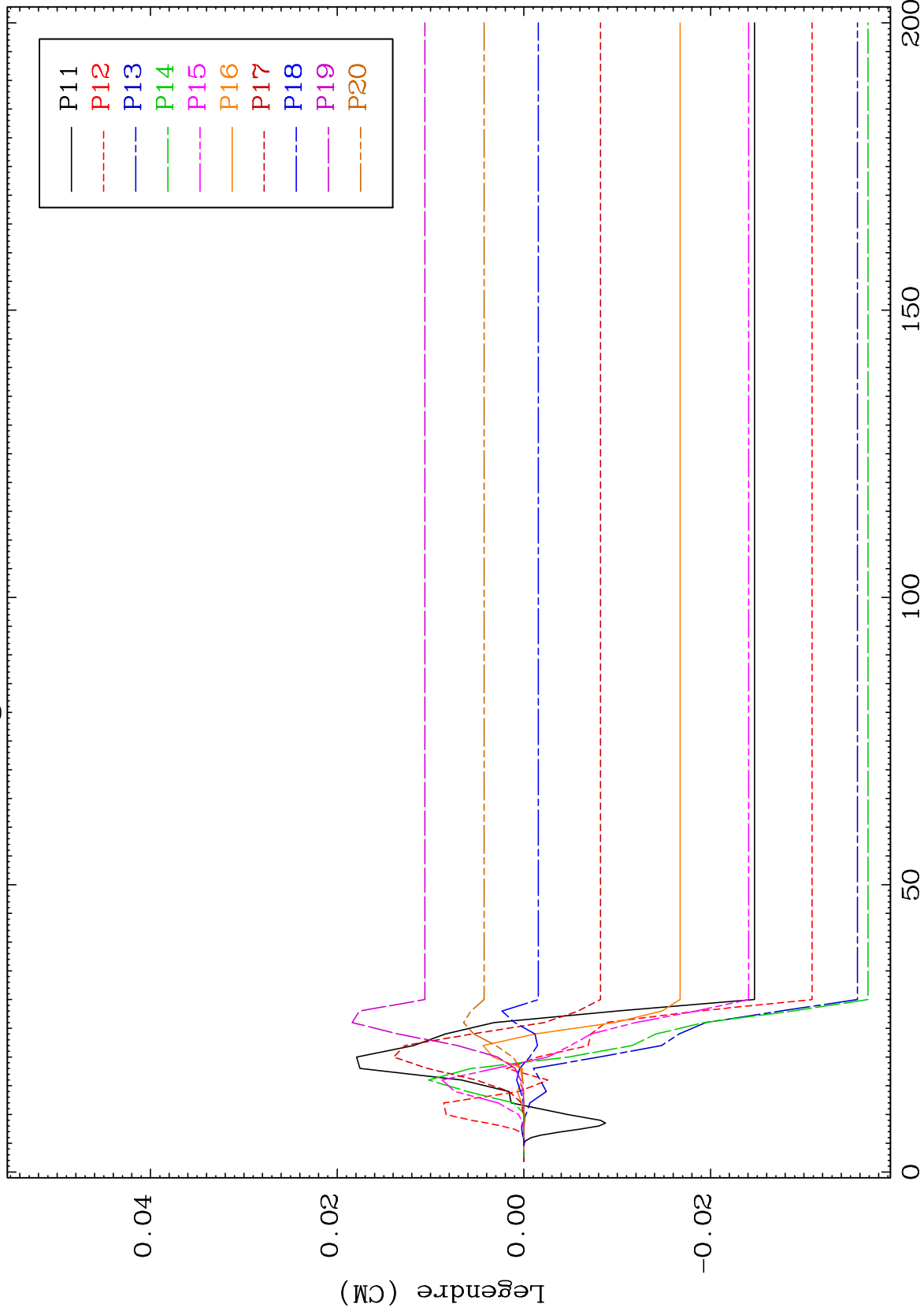


73

MAT 7749

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

77-Ir-199



74

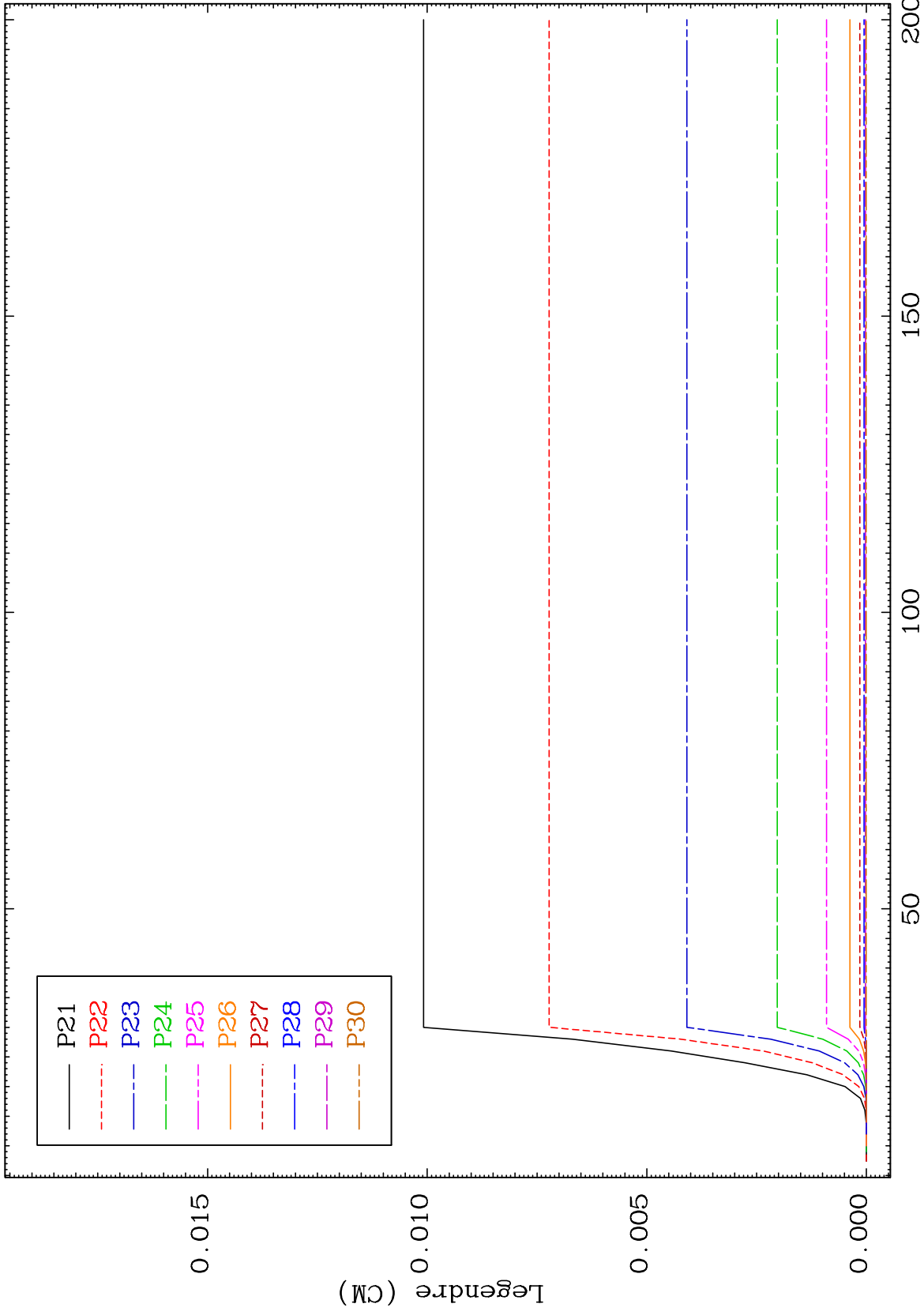
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



75

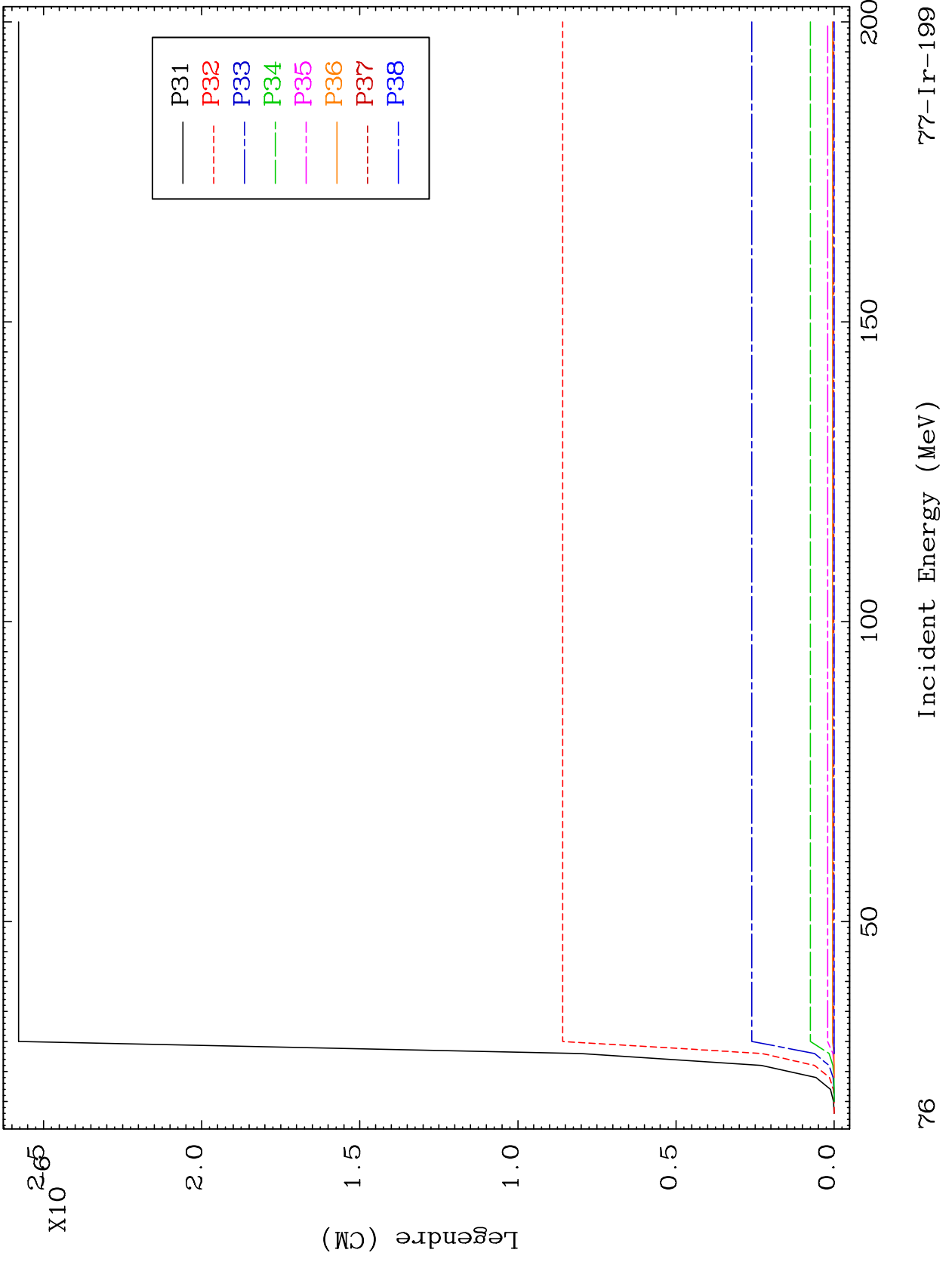
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



76

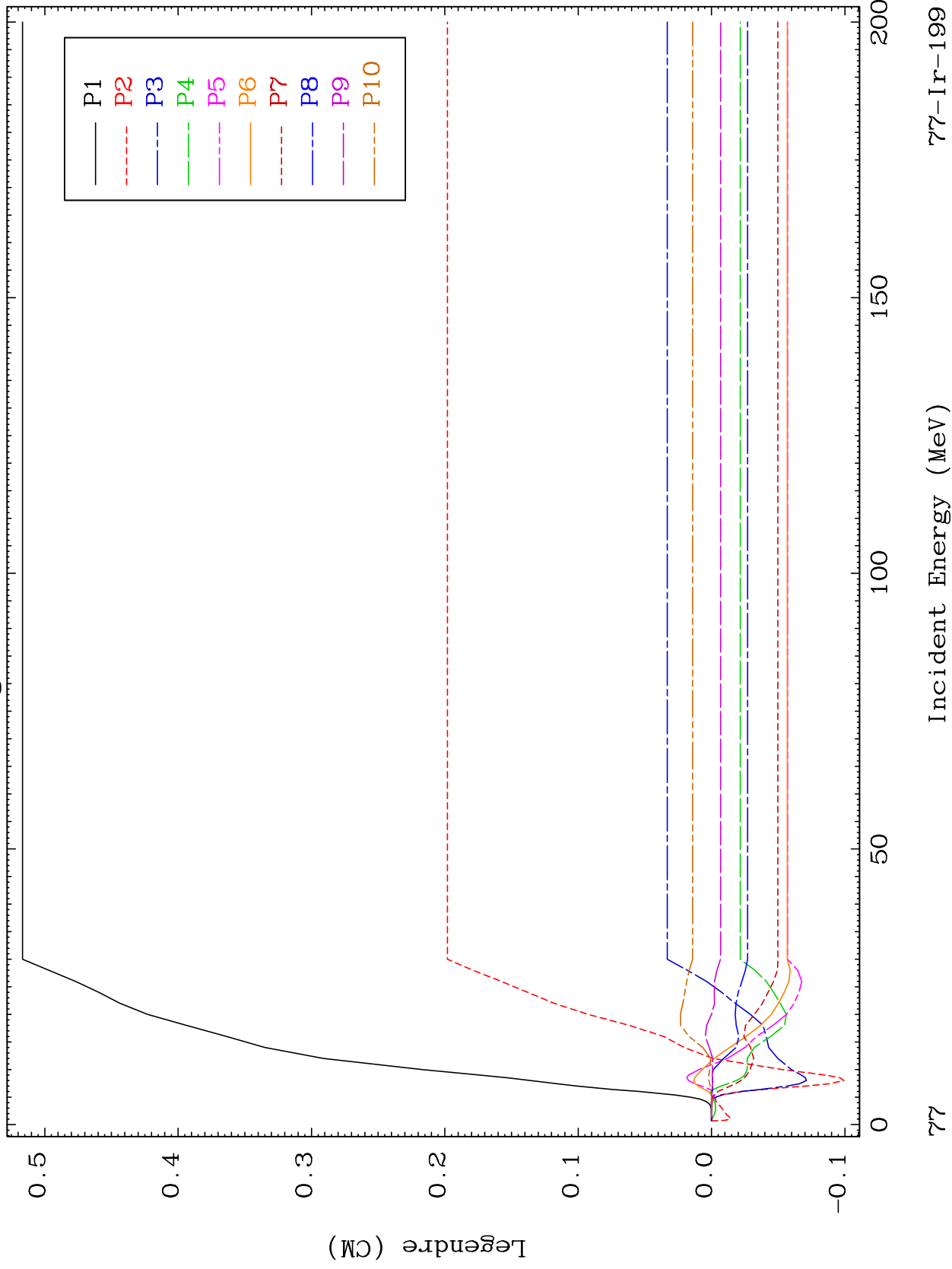
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

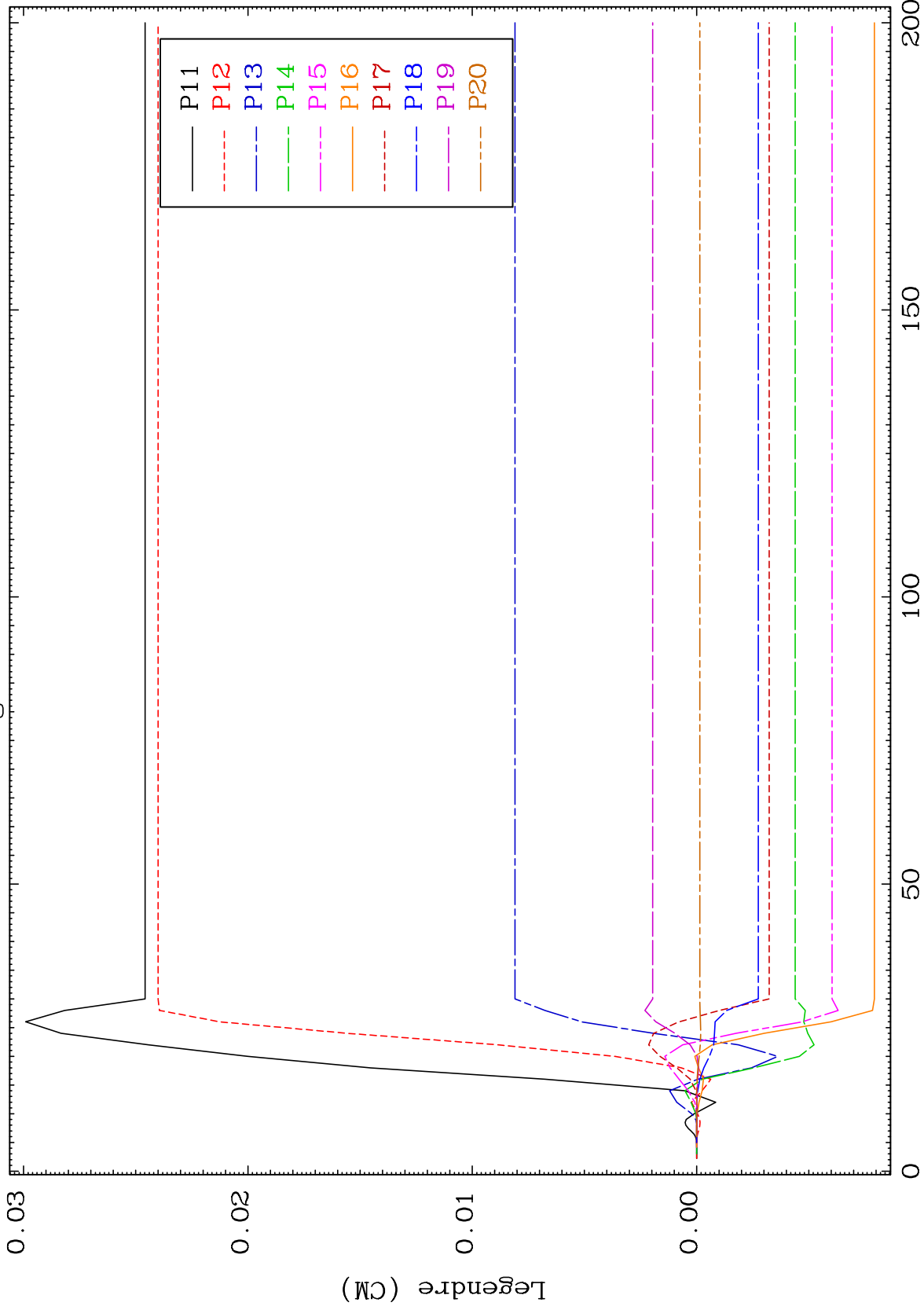
Incident Energy (MeV)

77

MAT 7749

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

77-Ir-199



78

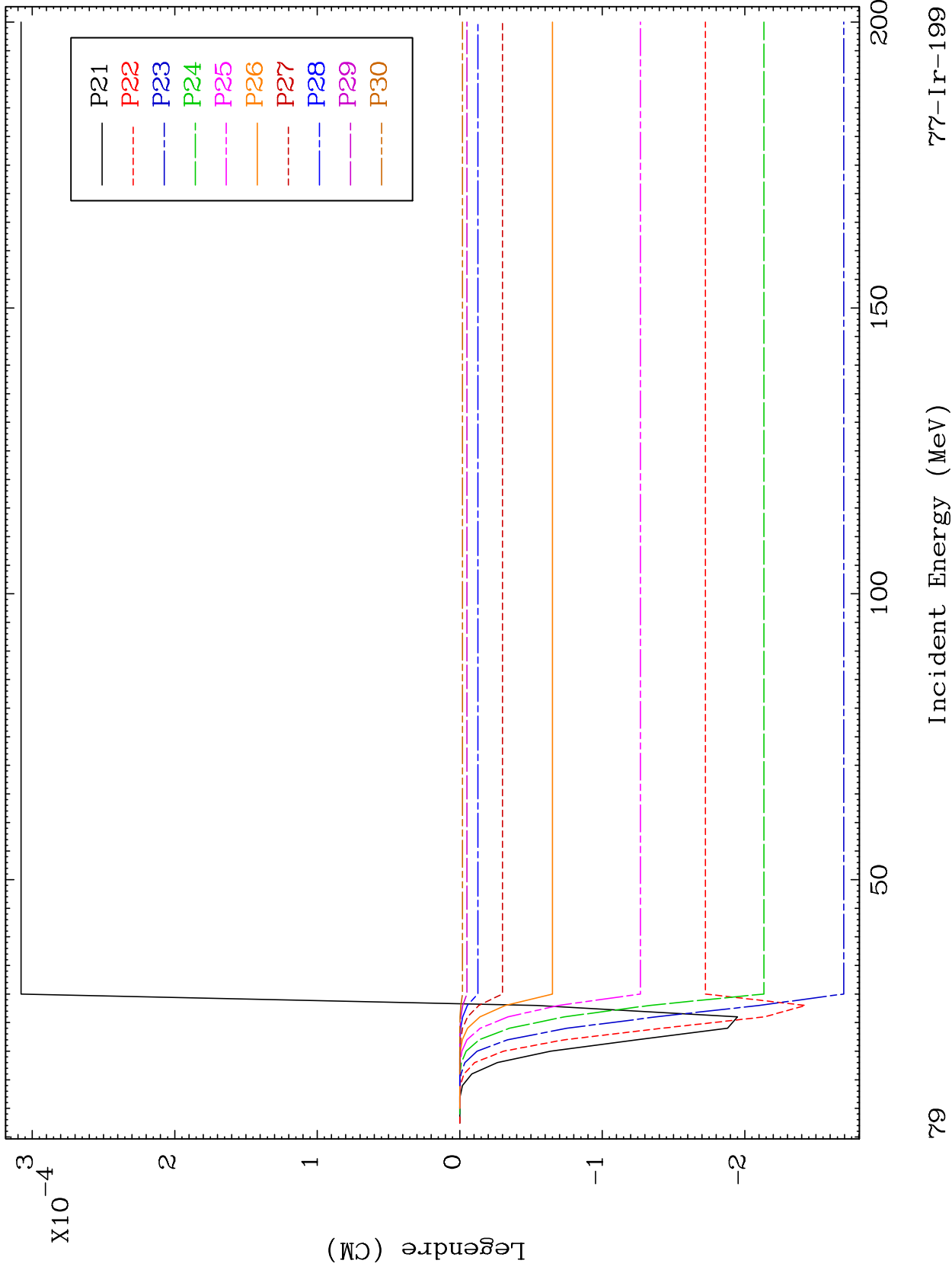
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



79

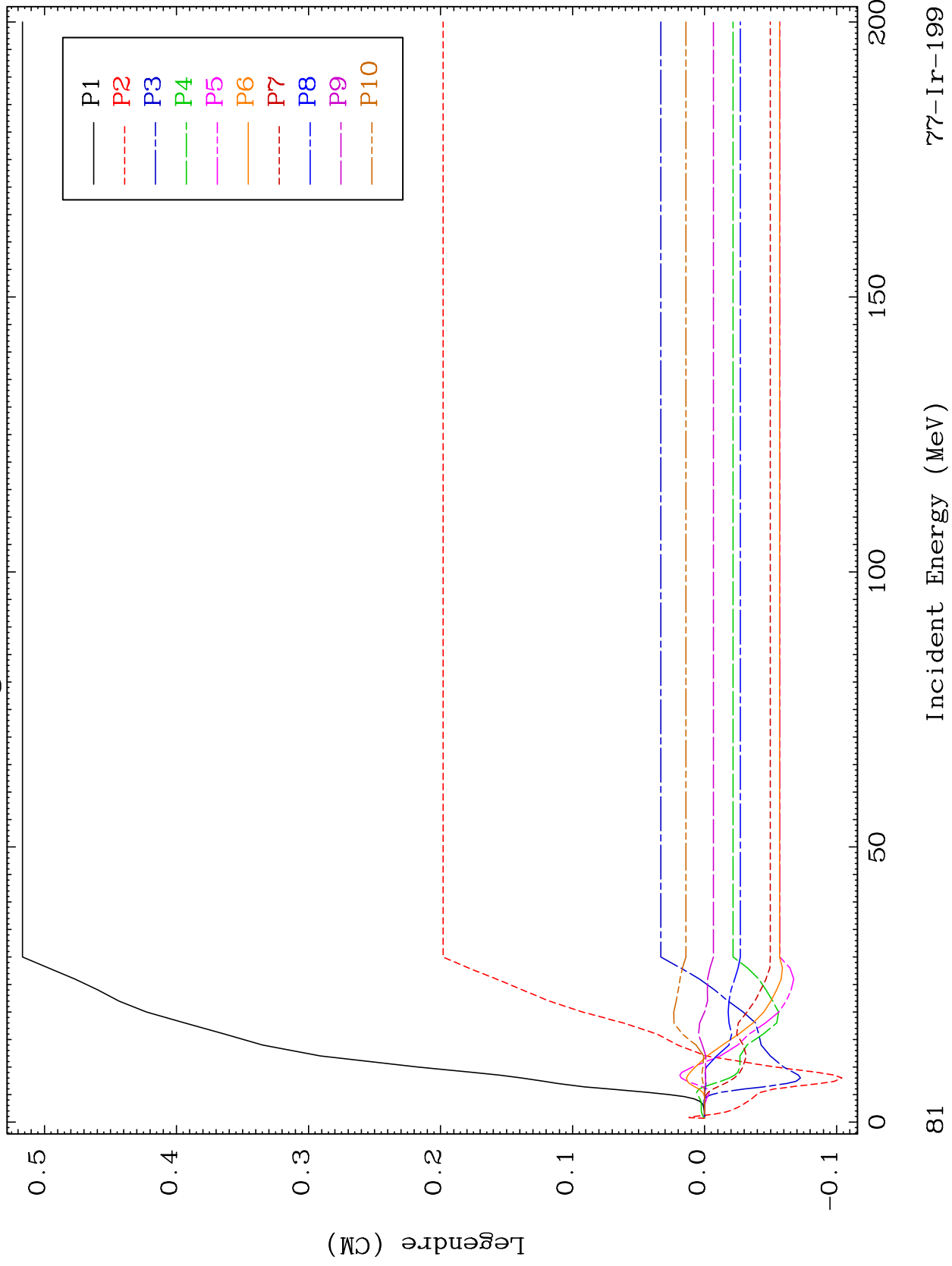
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

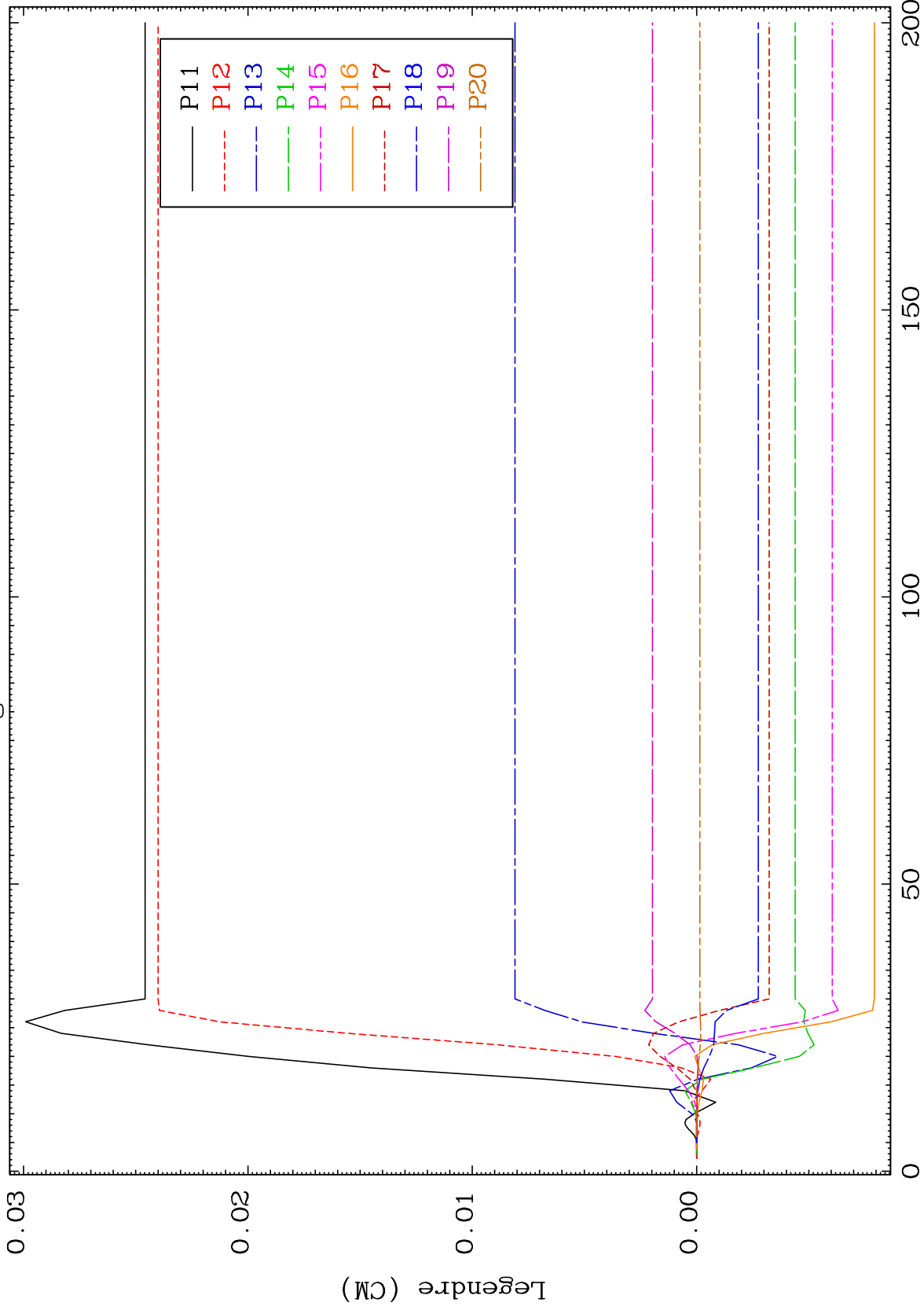
Incident Energy (MeV)

81

MAT 7749

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

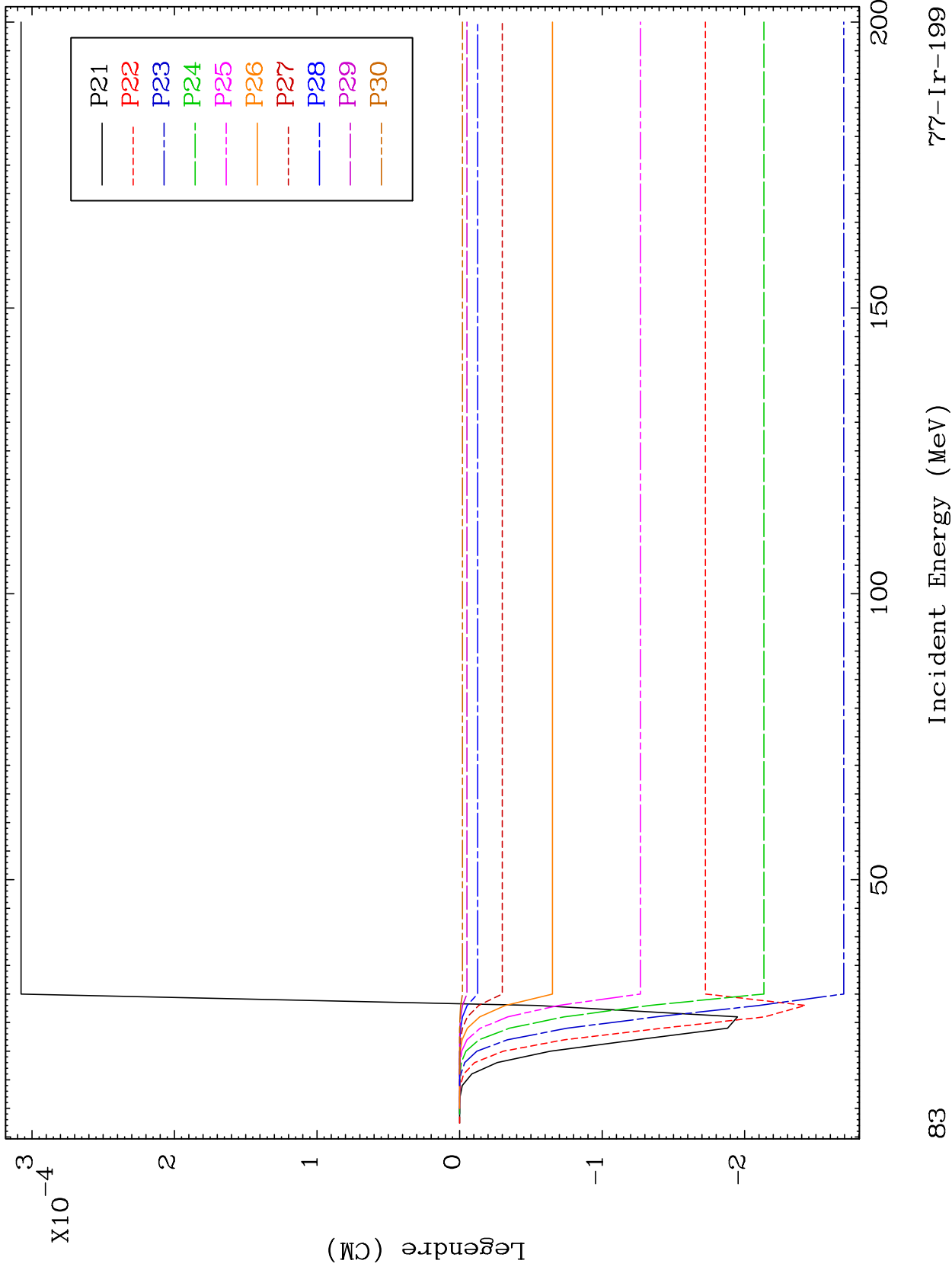
77-Ir-199

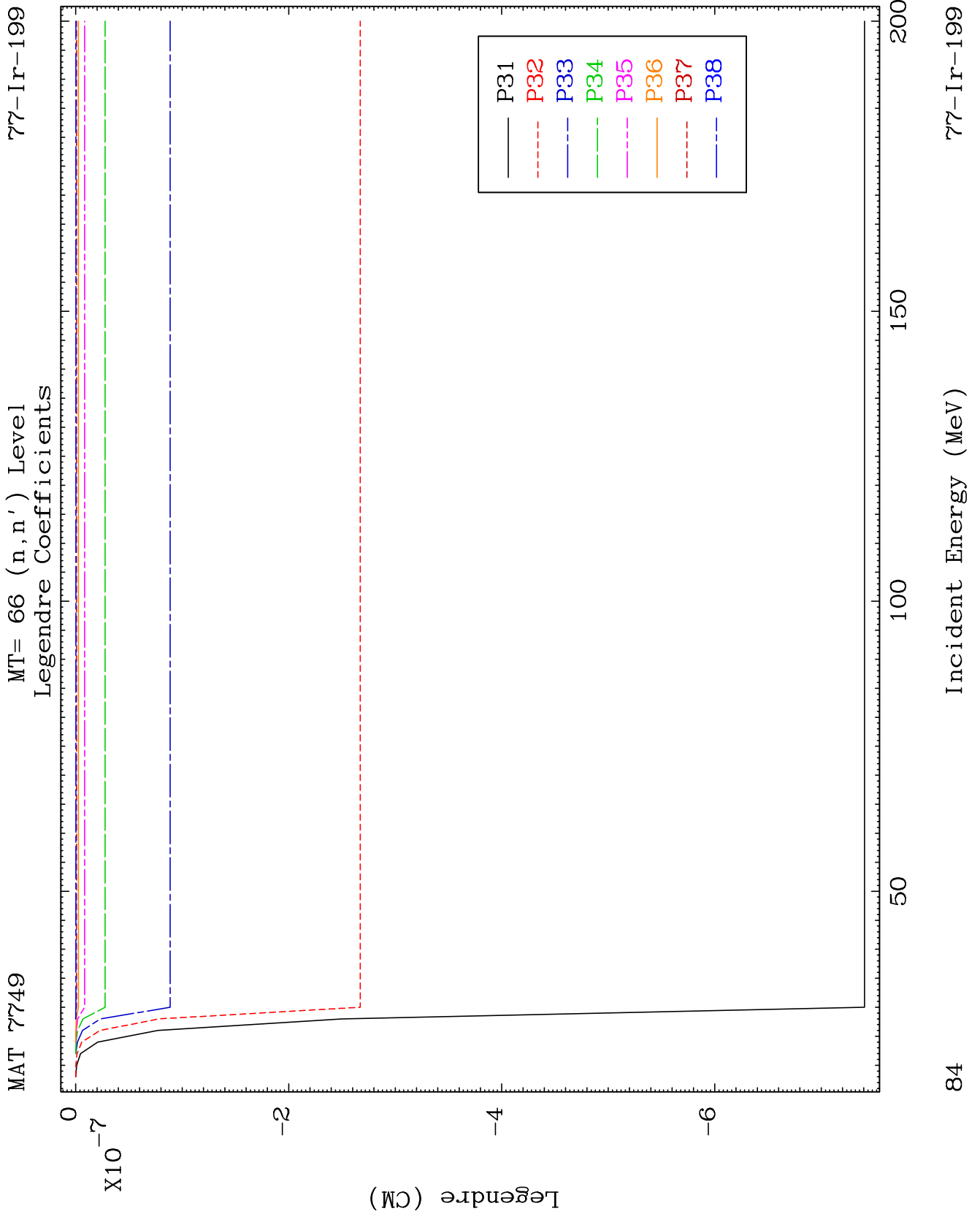


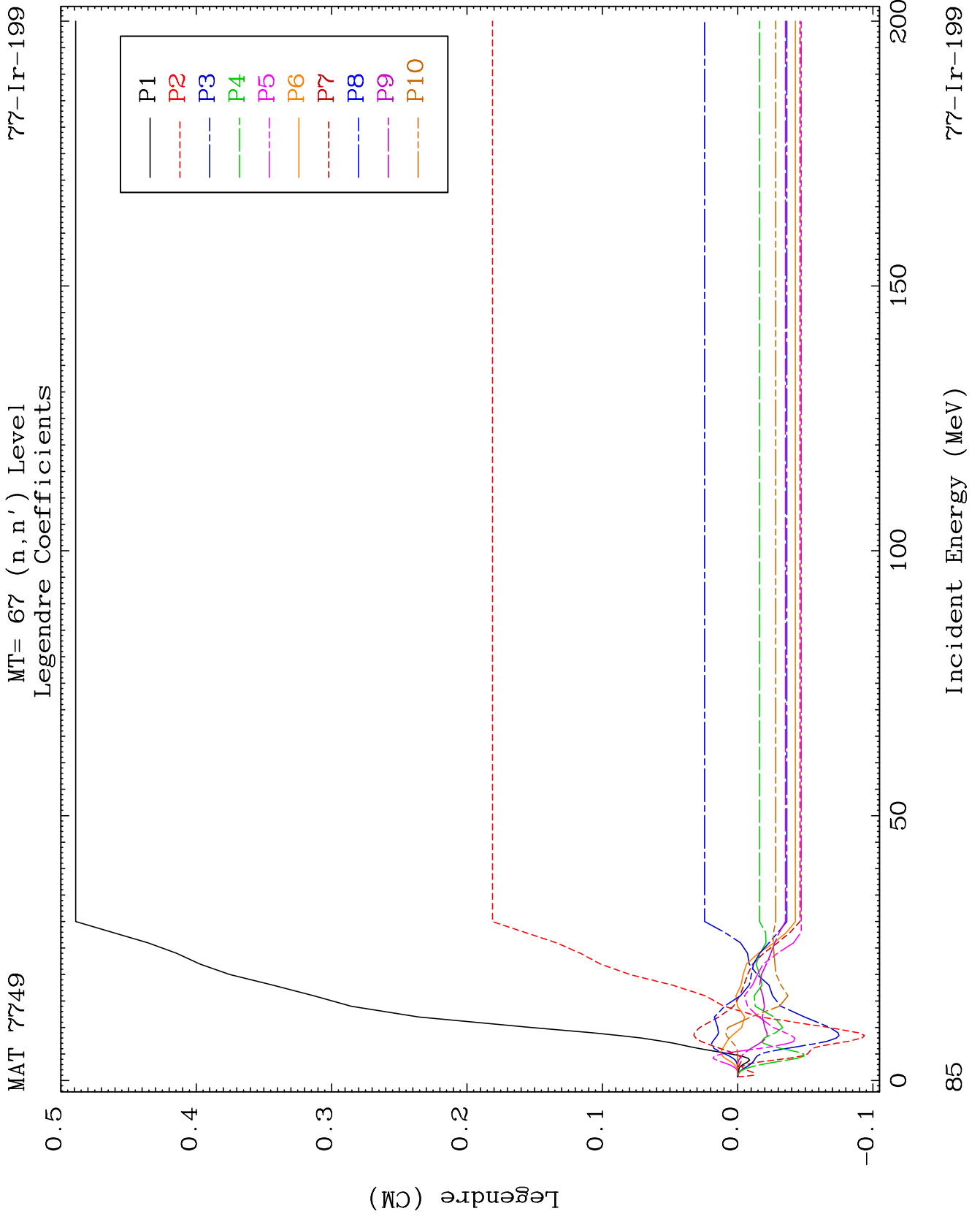
82

Incident Energy (MeV)

77-Ir-199



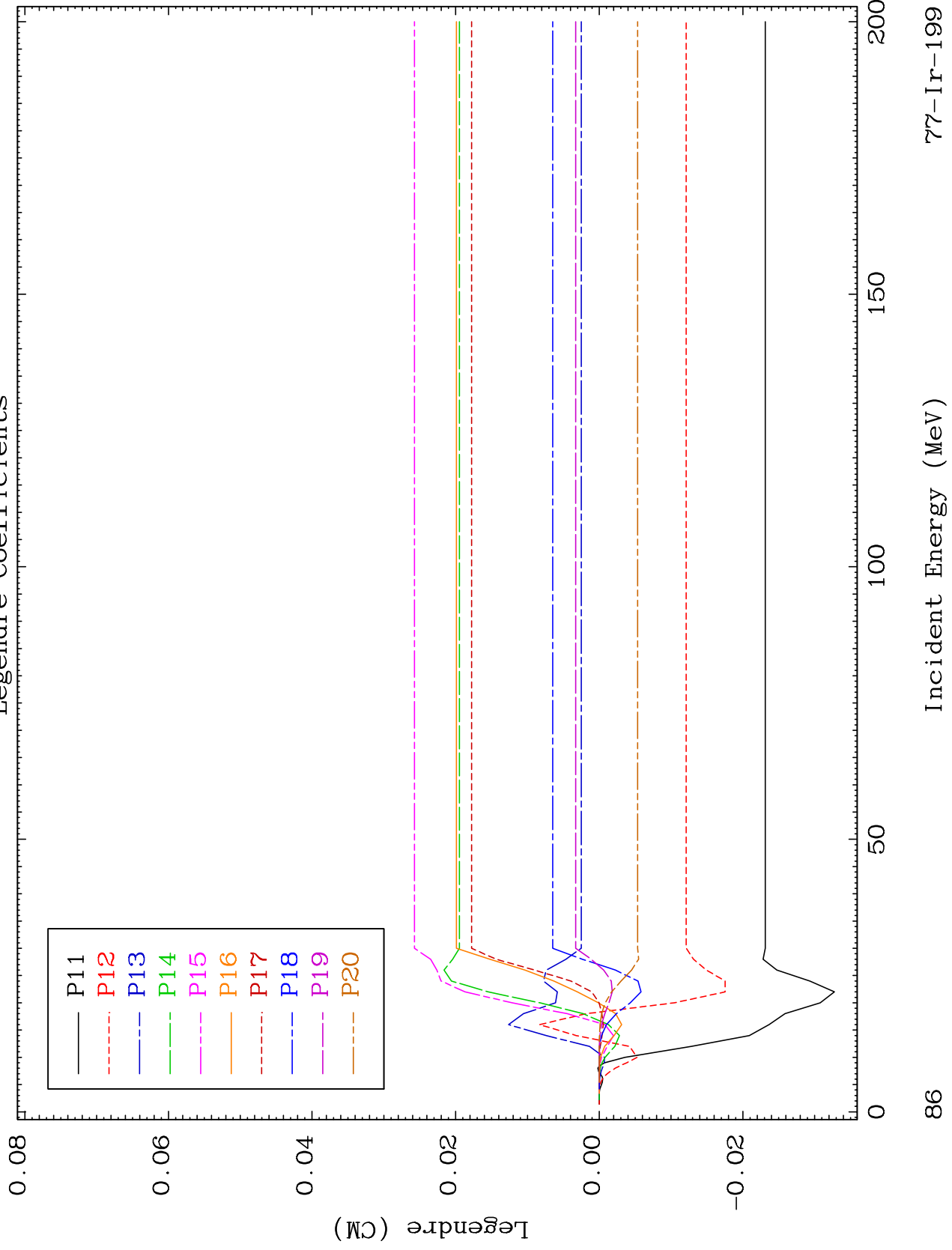




MAT 7749

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

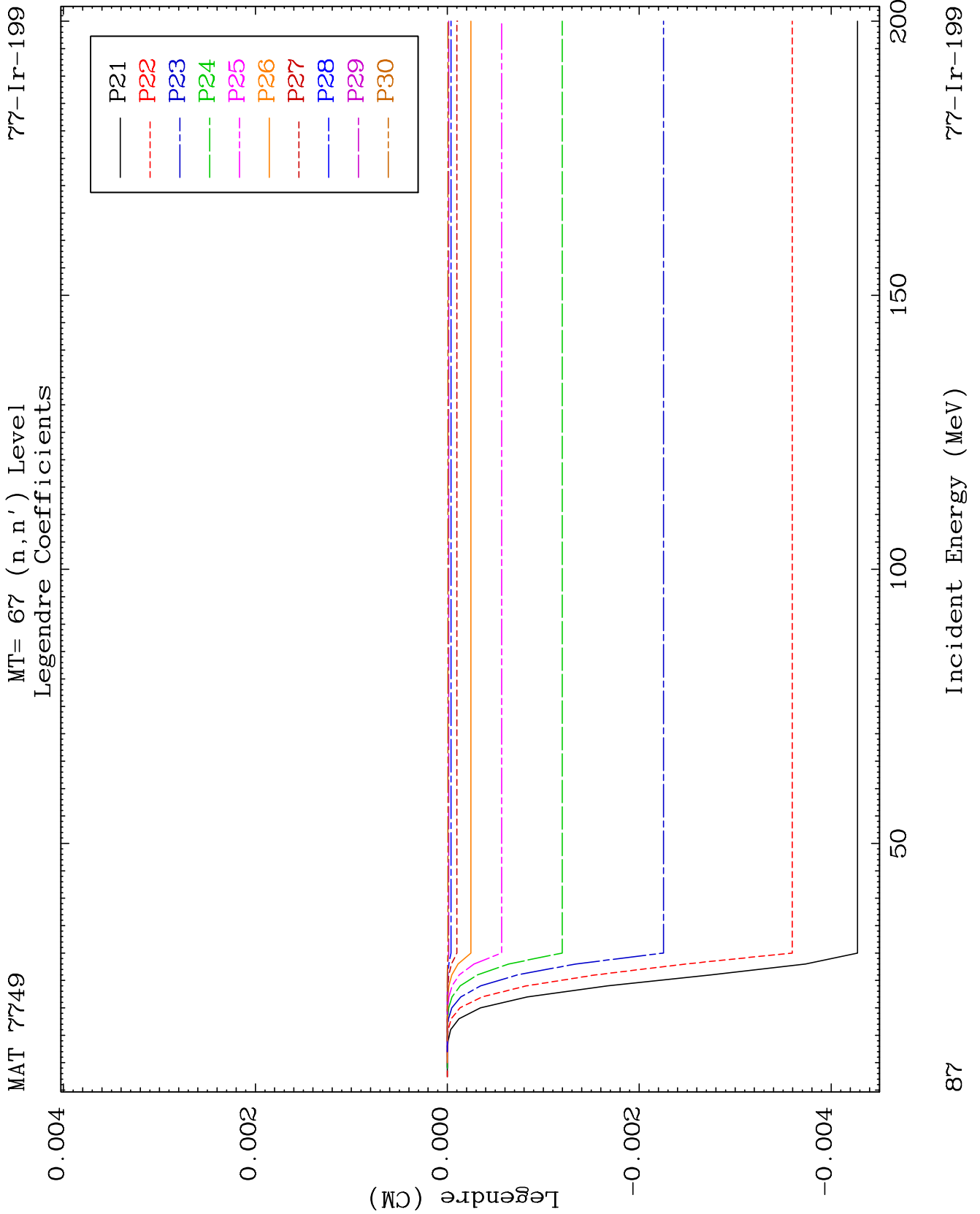
77-Ir-199

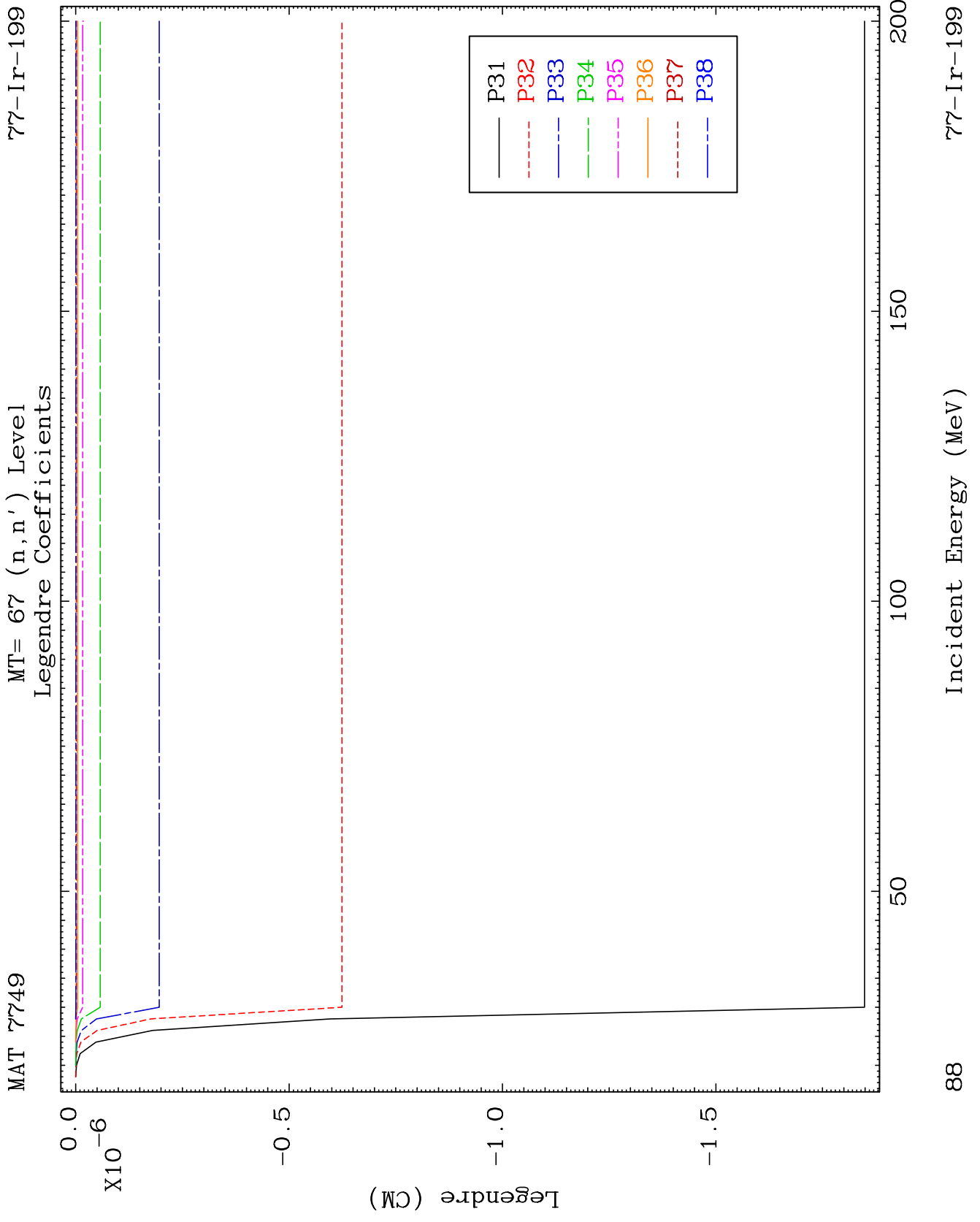


86

Incident Energy (MeV)

77-Ir-199

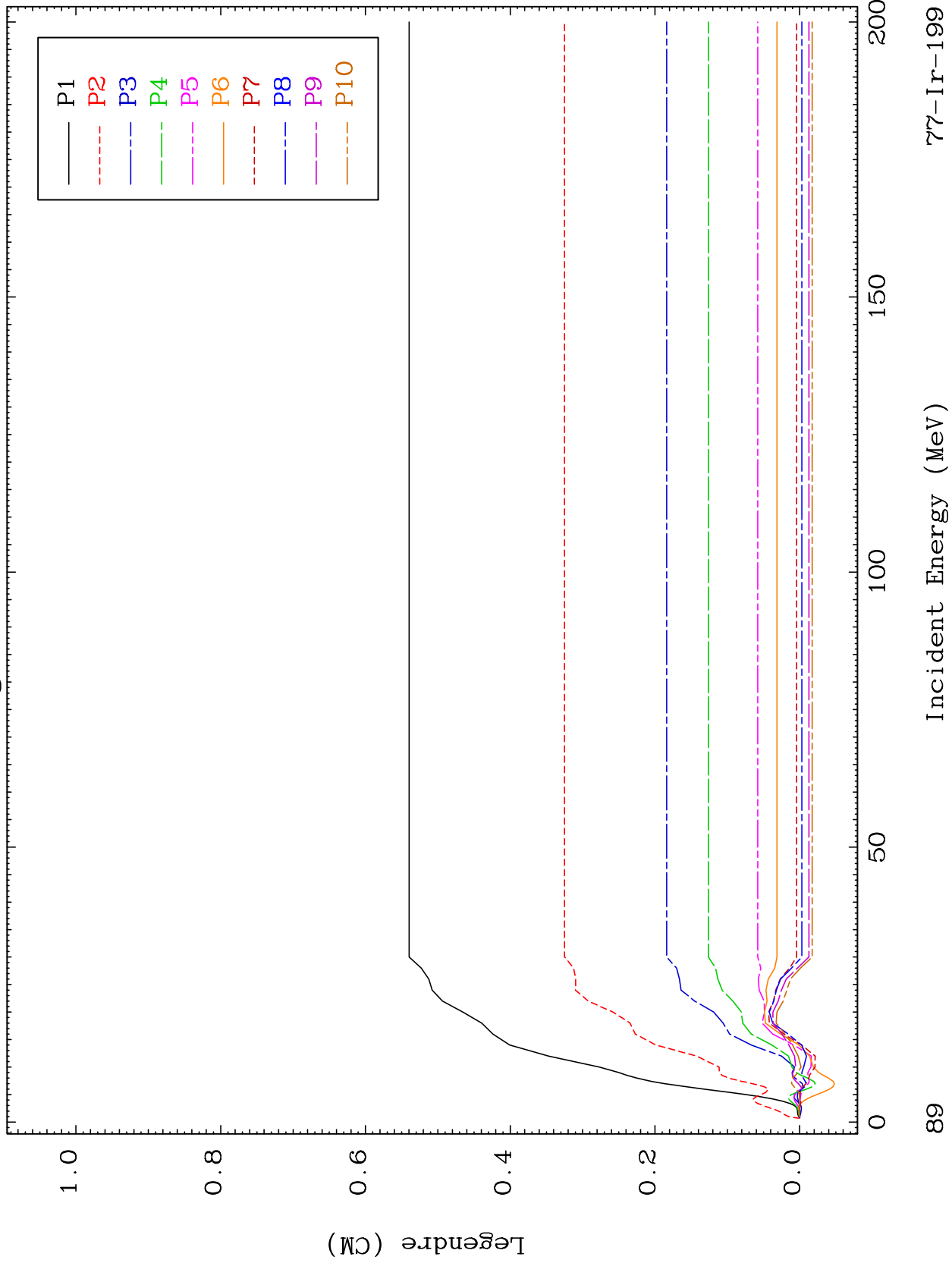




MAT 7749

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

77-Ir-199



77-Ir-199

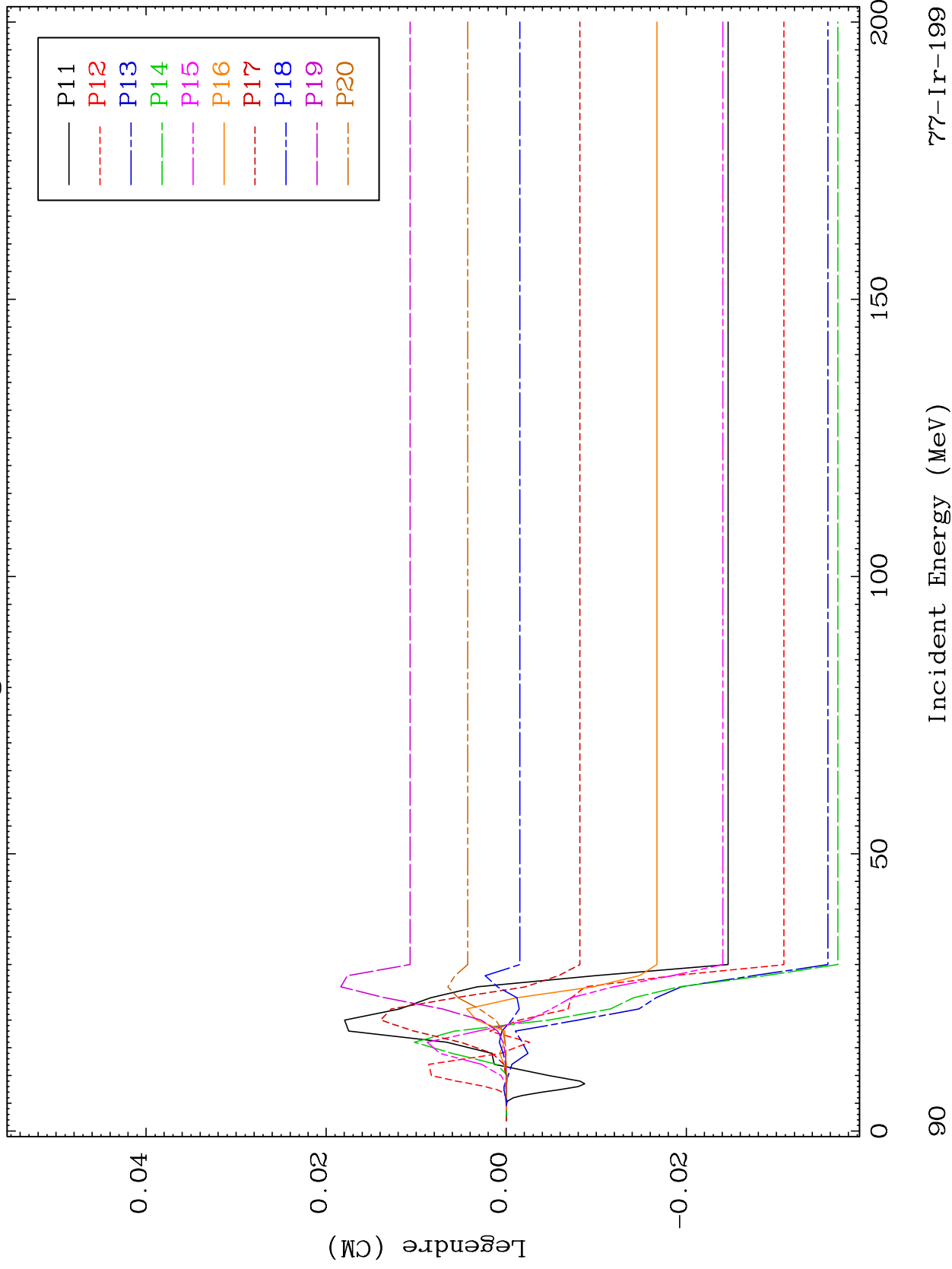
Incident Energy (MeV)

89

MAT 7749

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

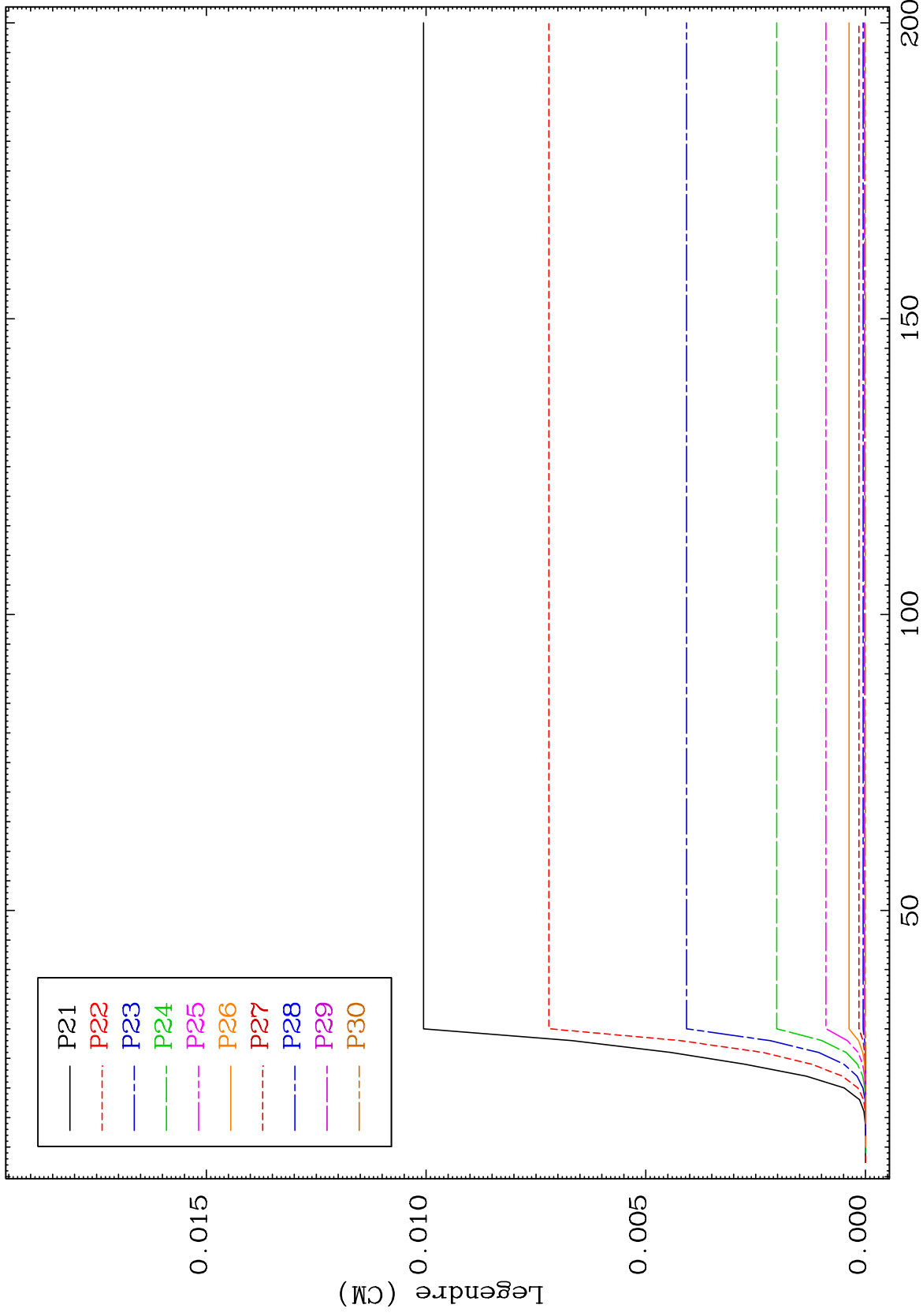
77-Ir-199

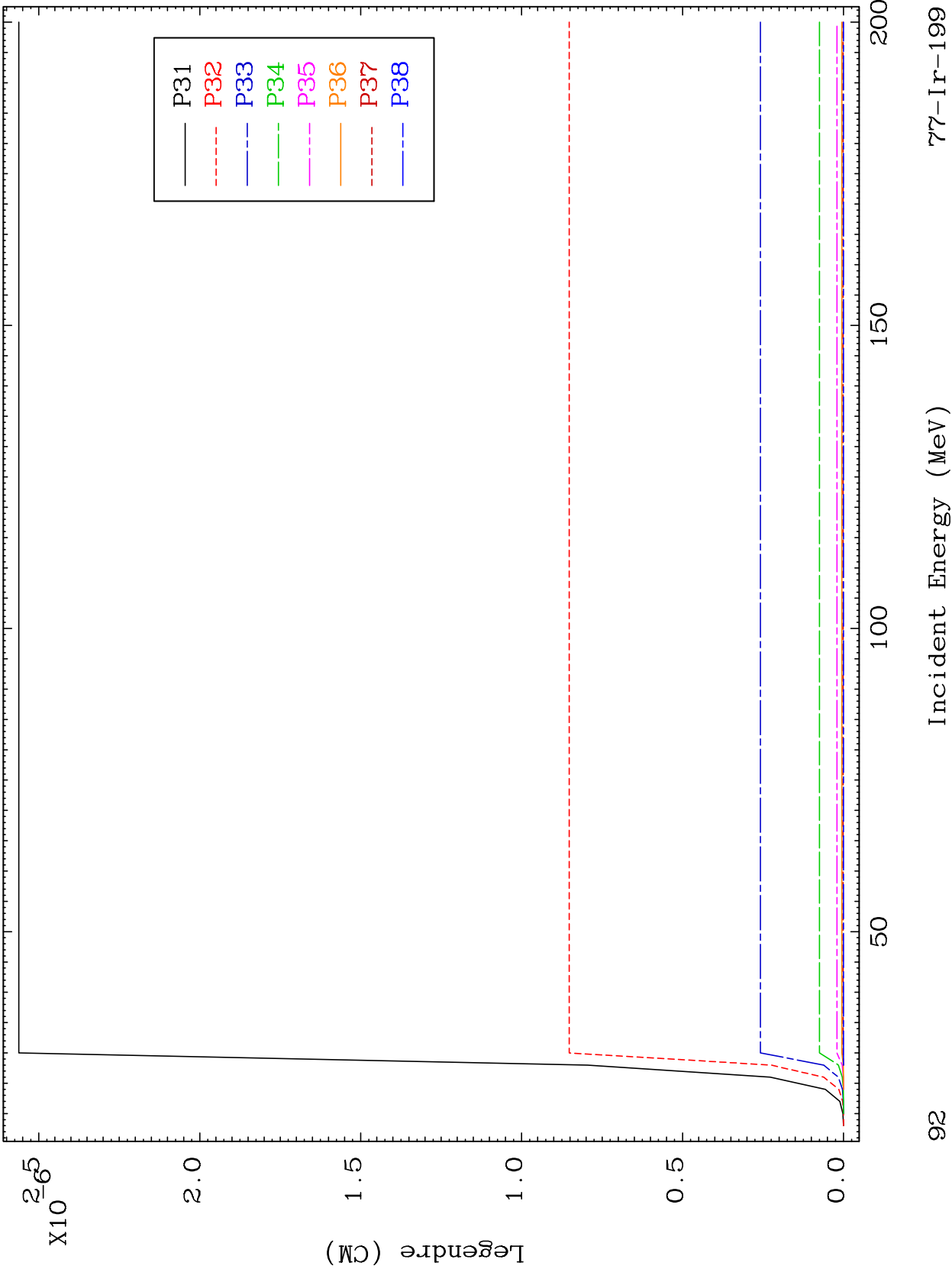


77-Ir-199

Incident Energy (MeV)

90

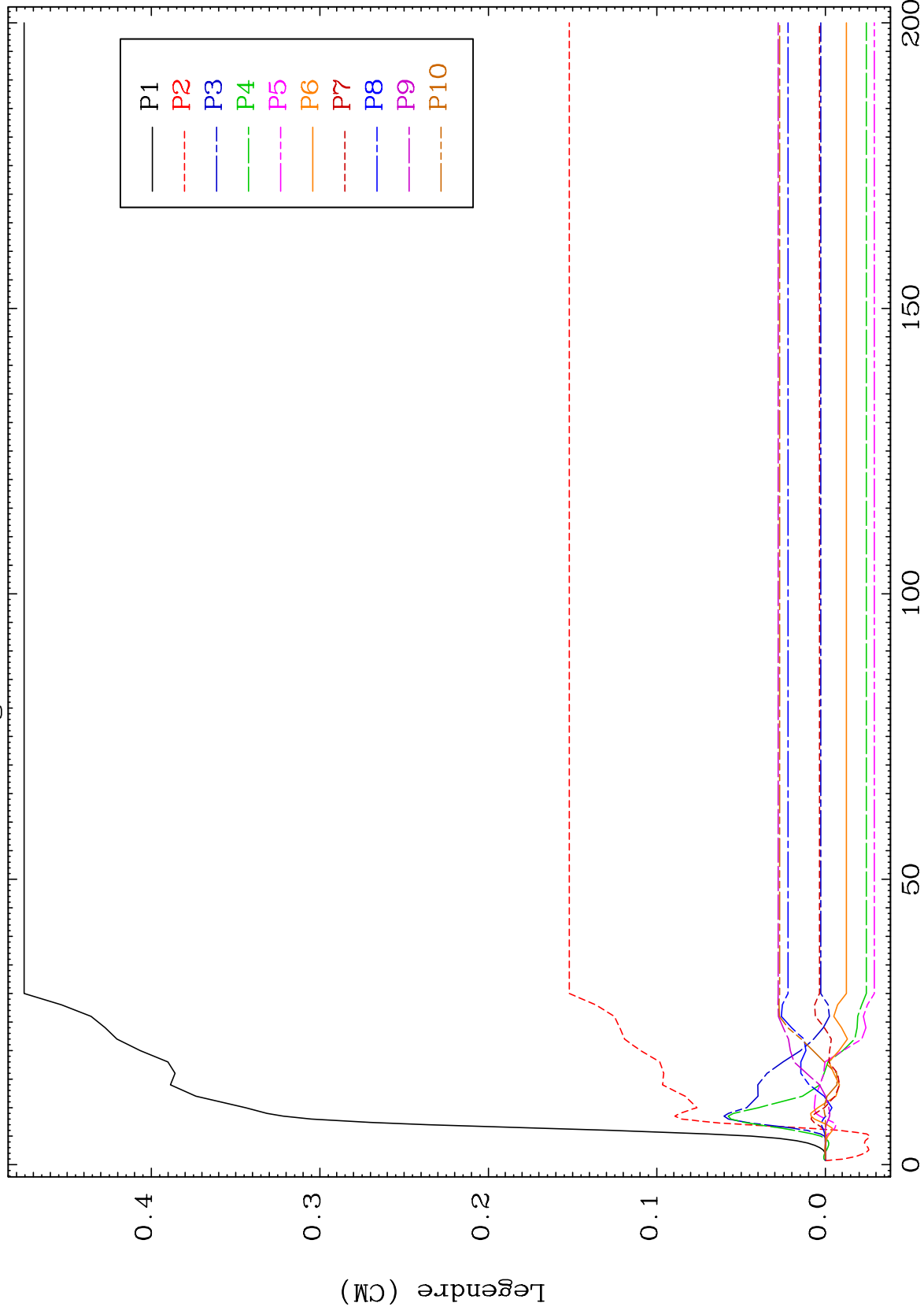




MAT 7749

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

77-Ir-199



93

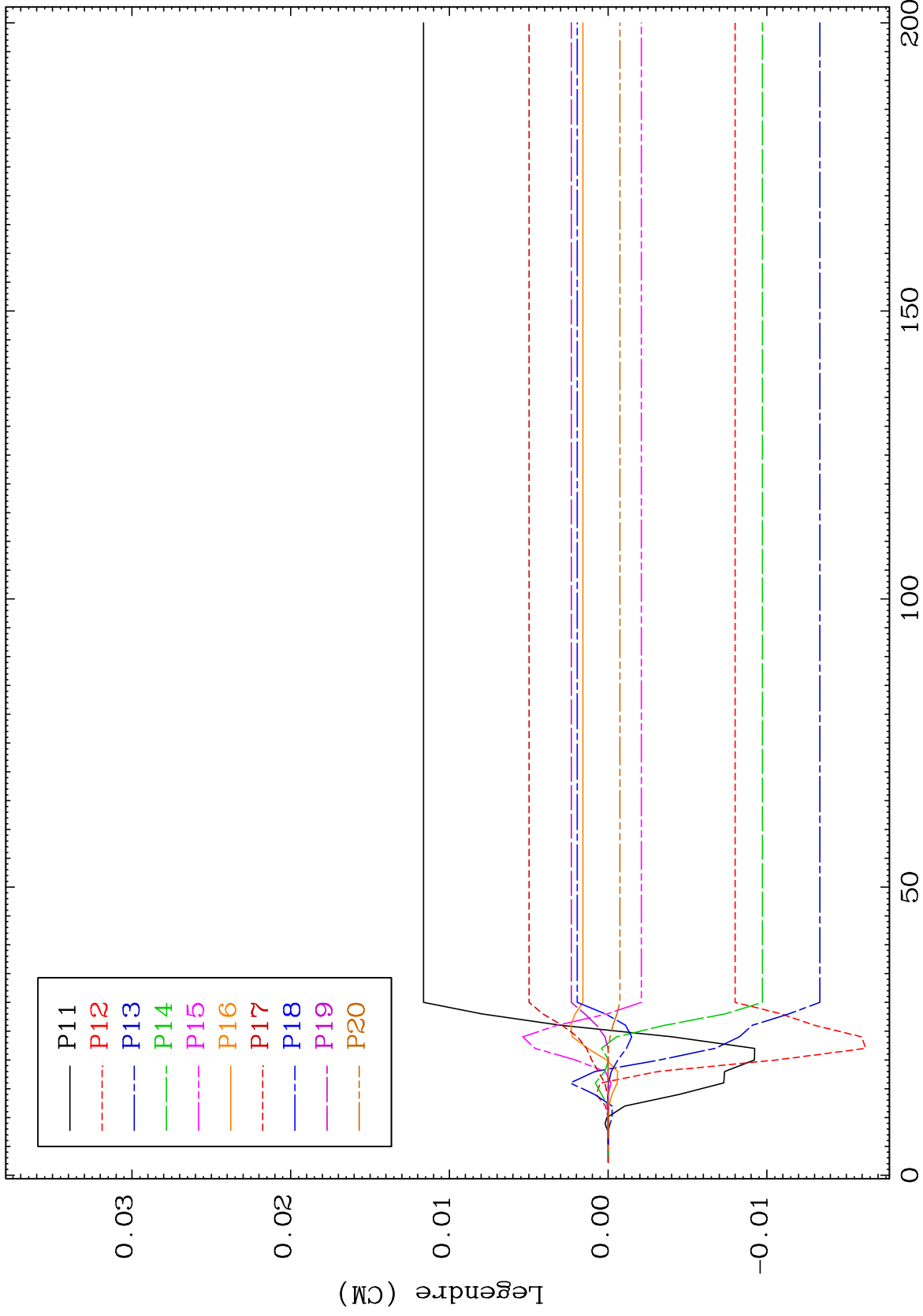
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



94

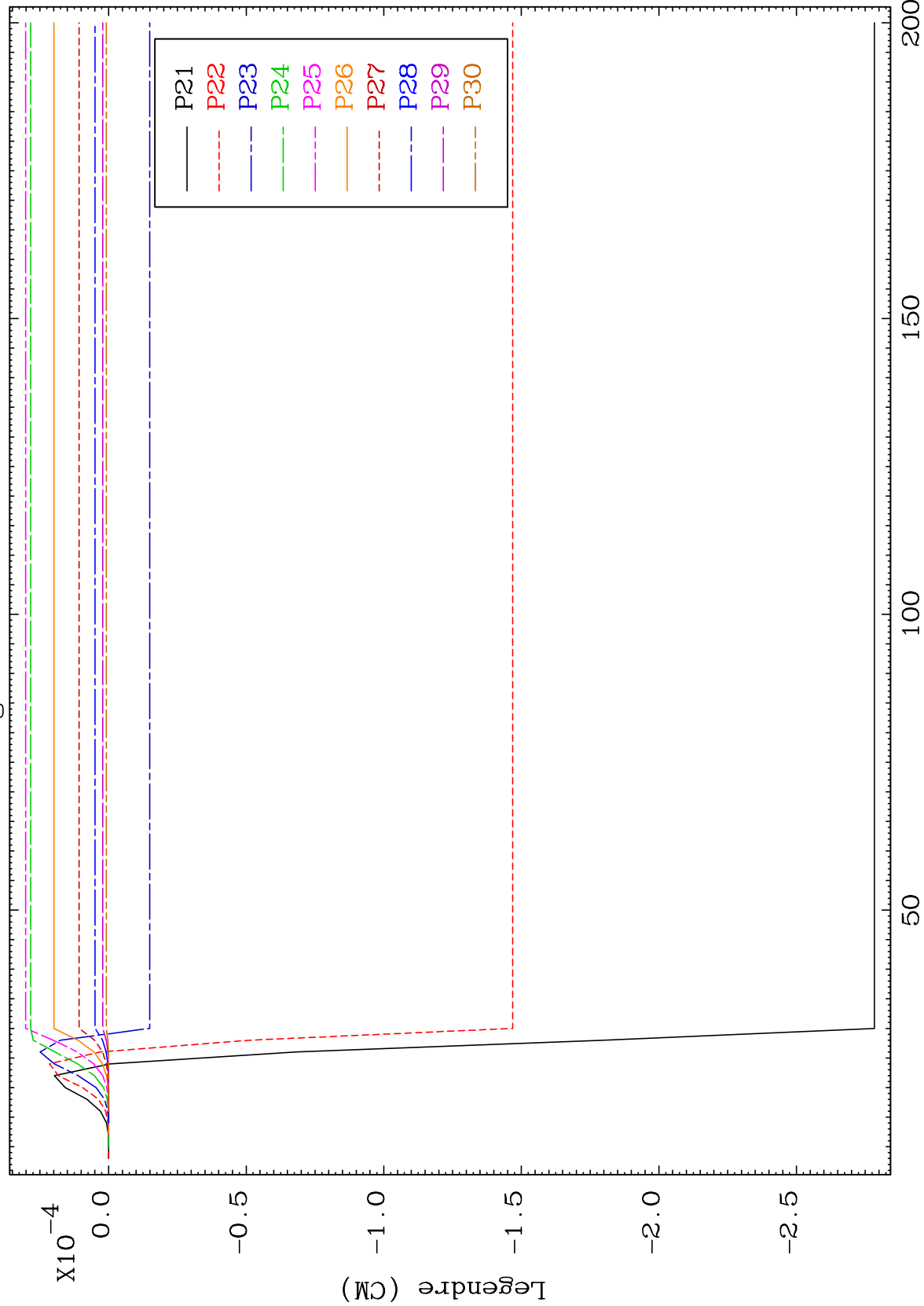
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



95

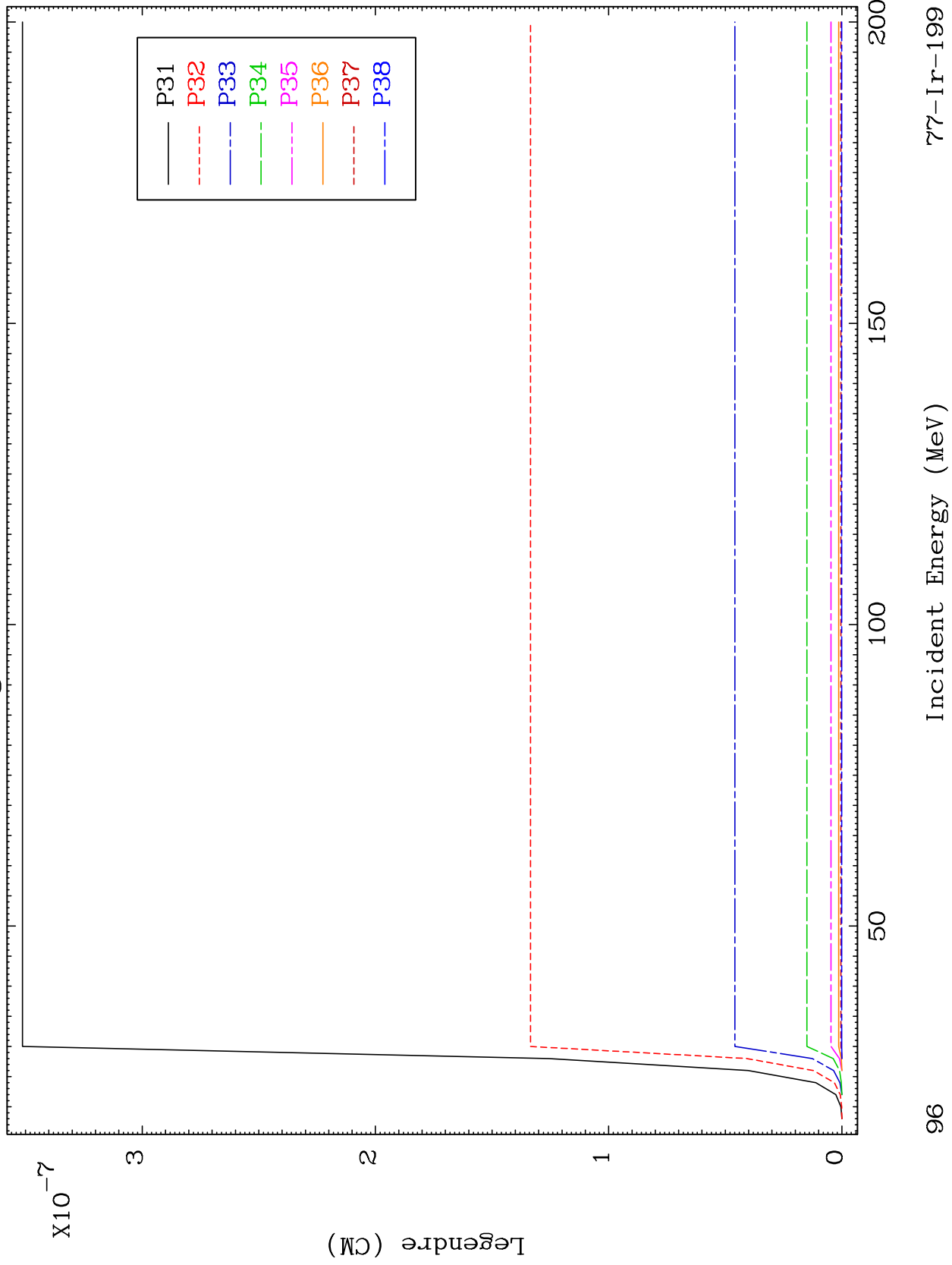
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

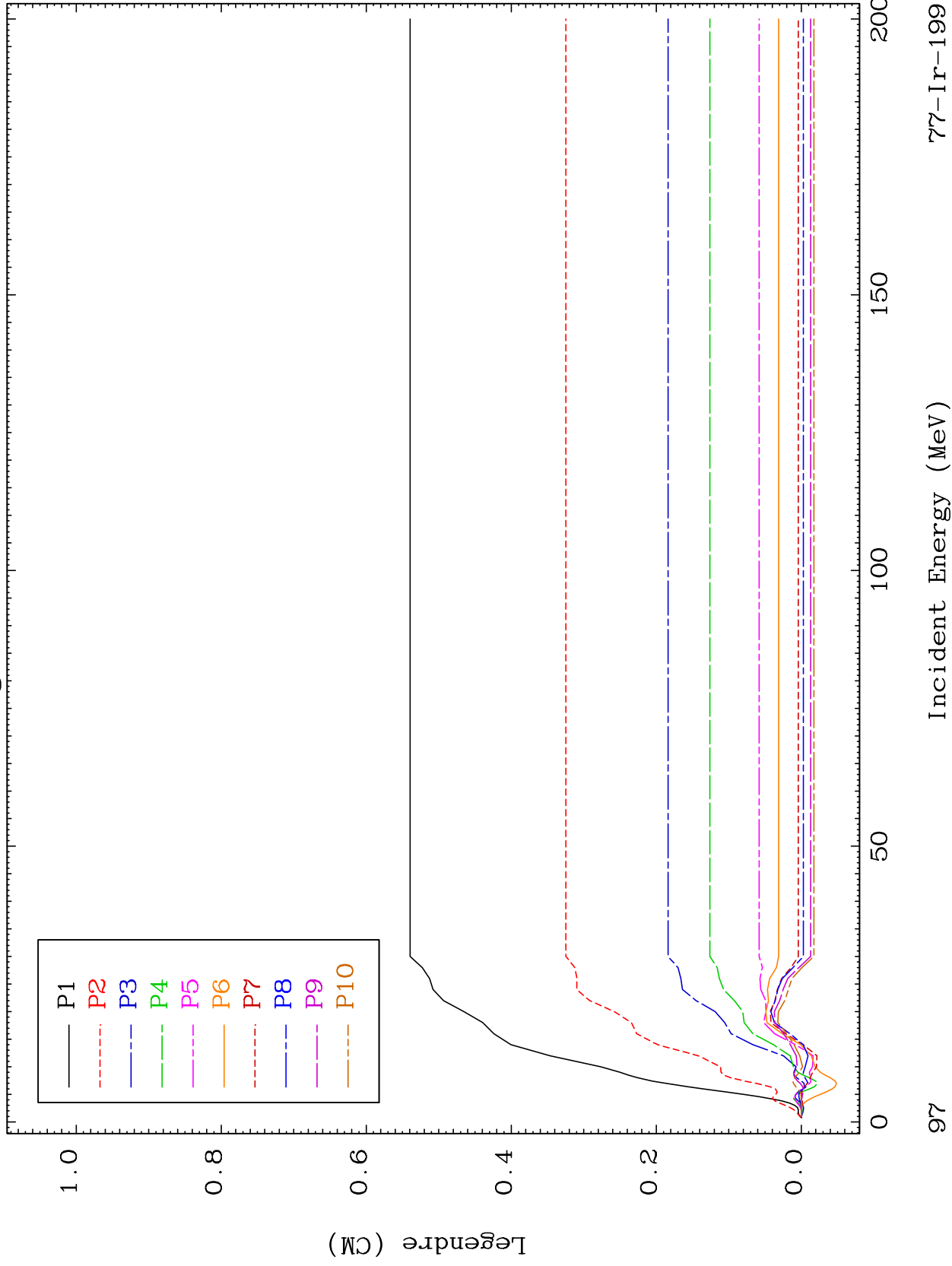
77-Ir-199



MAT 7749

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

77-Ir-199



97

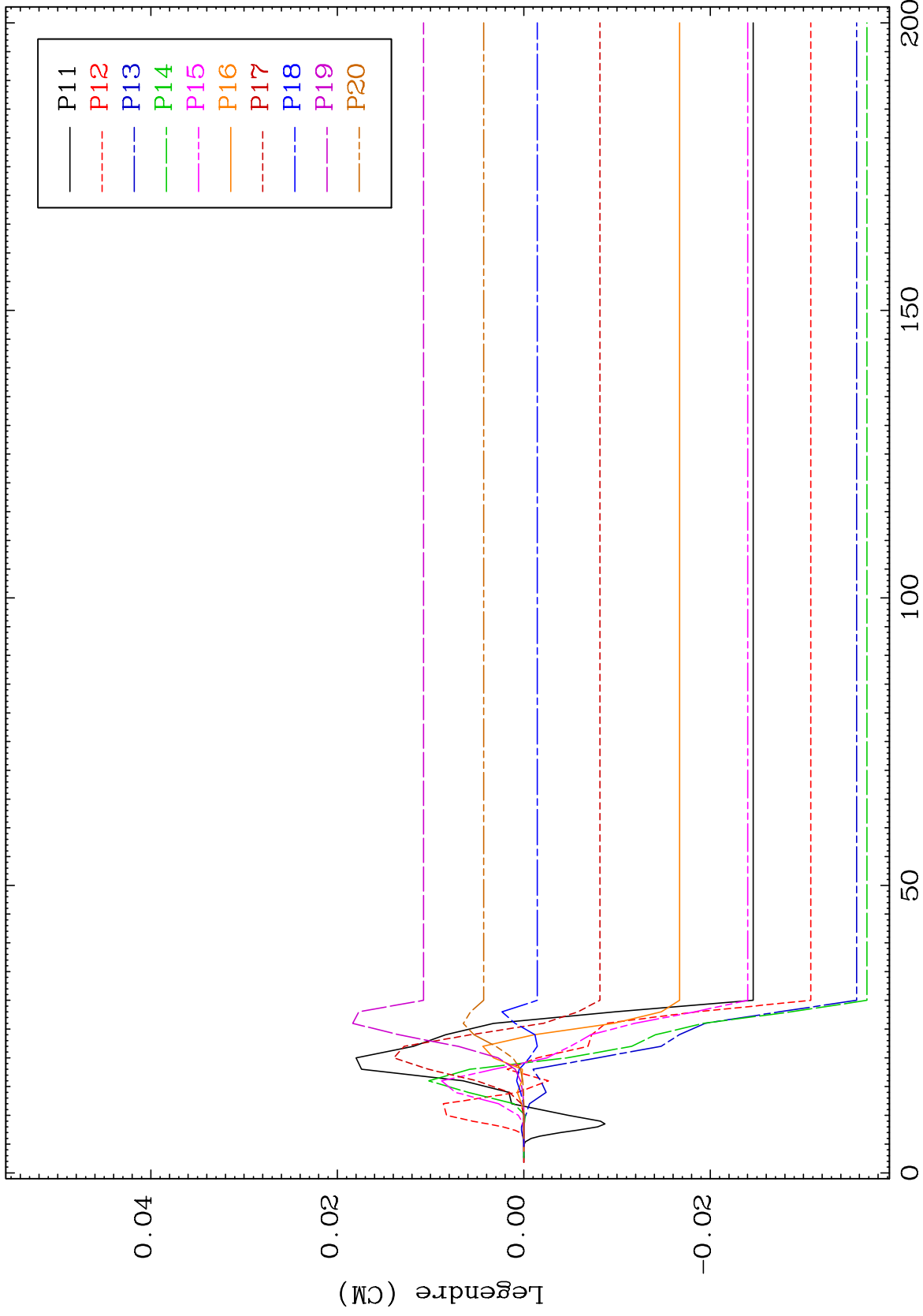
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



98

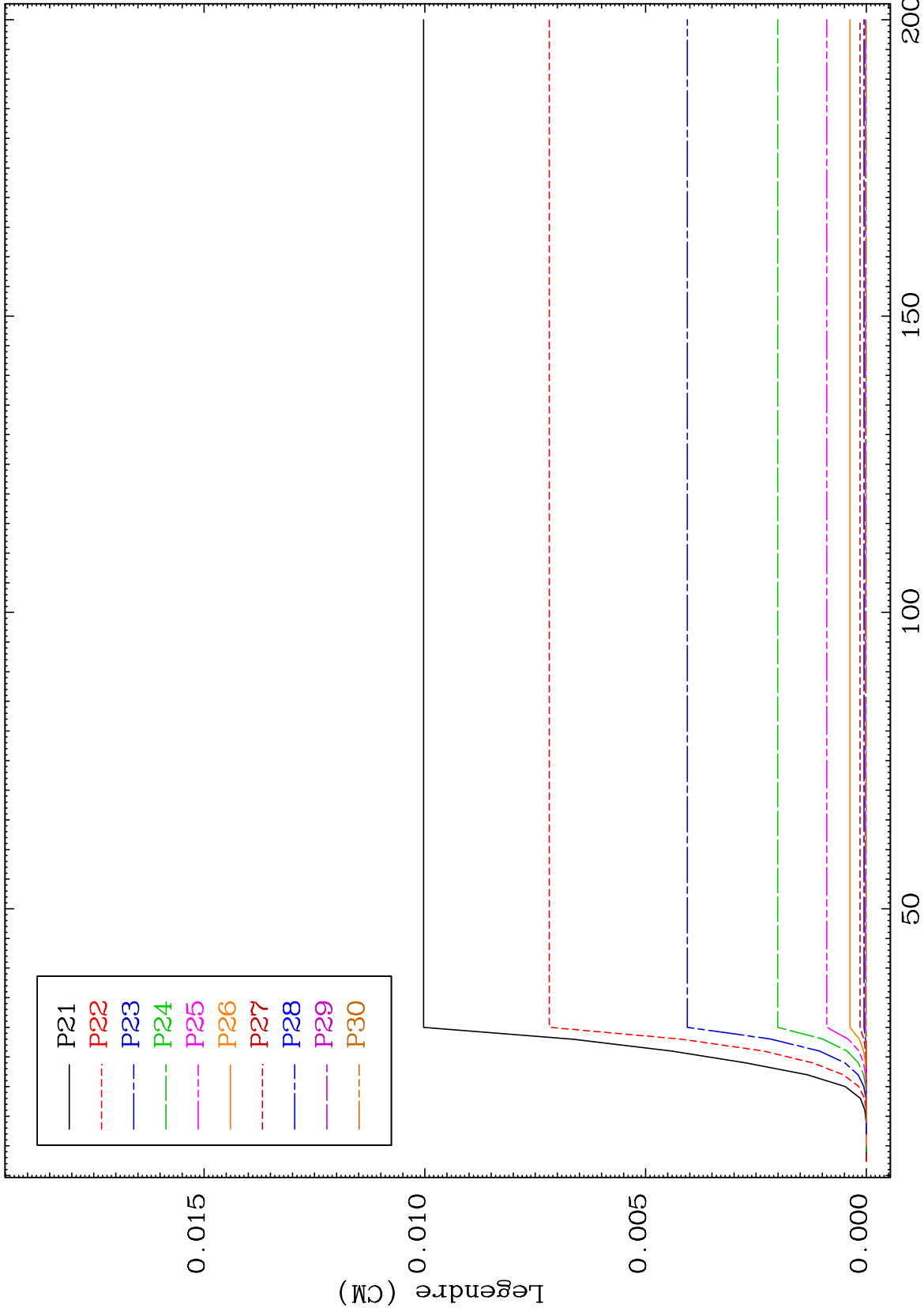
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



99

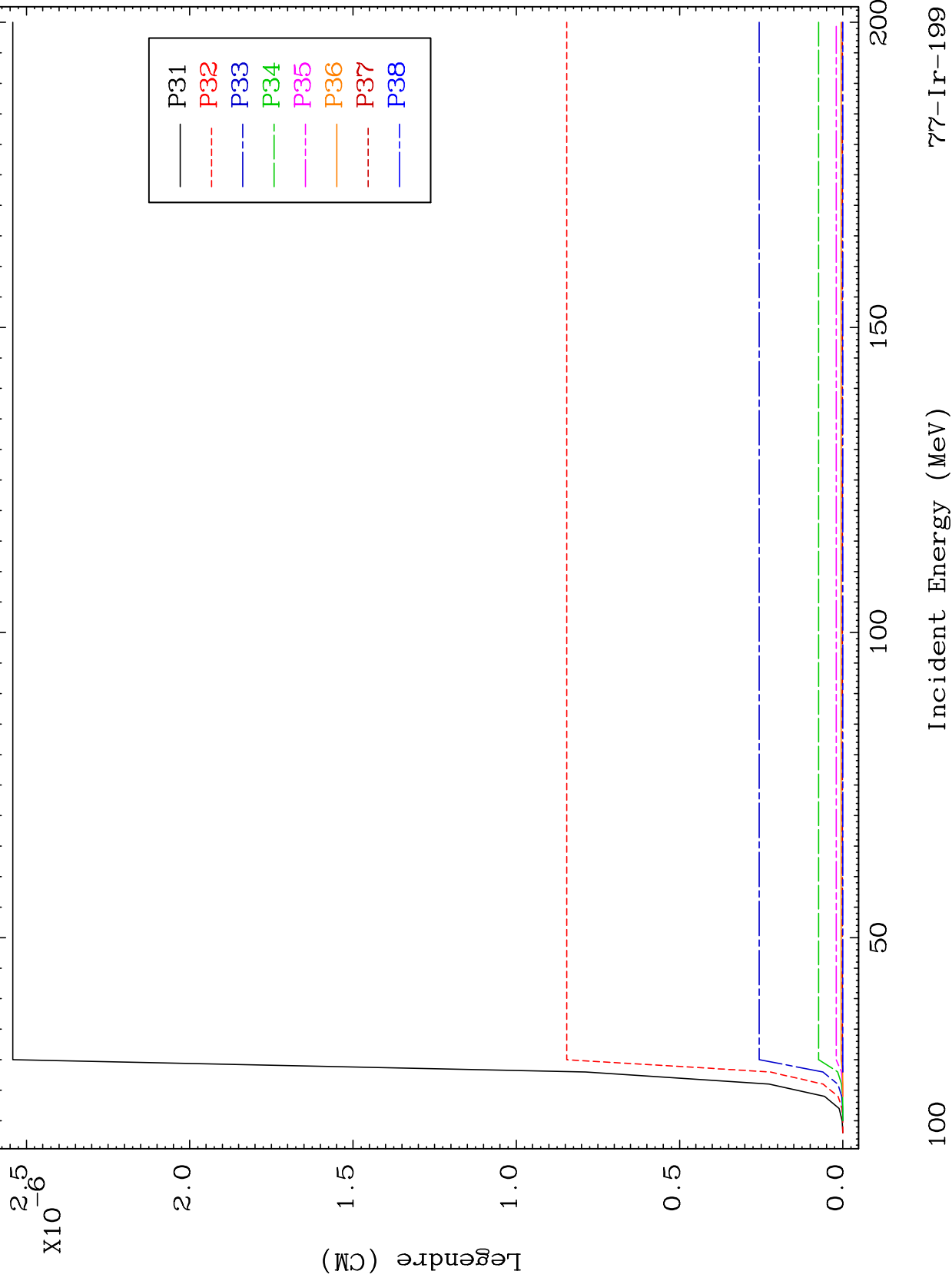
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

Incident Energy (MeV)

100

50

100

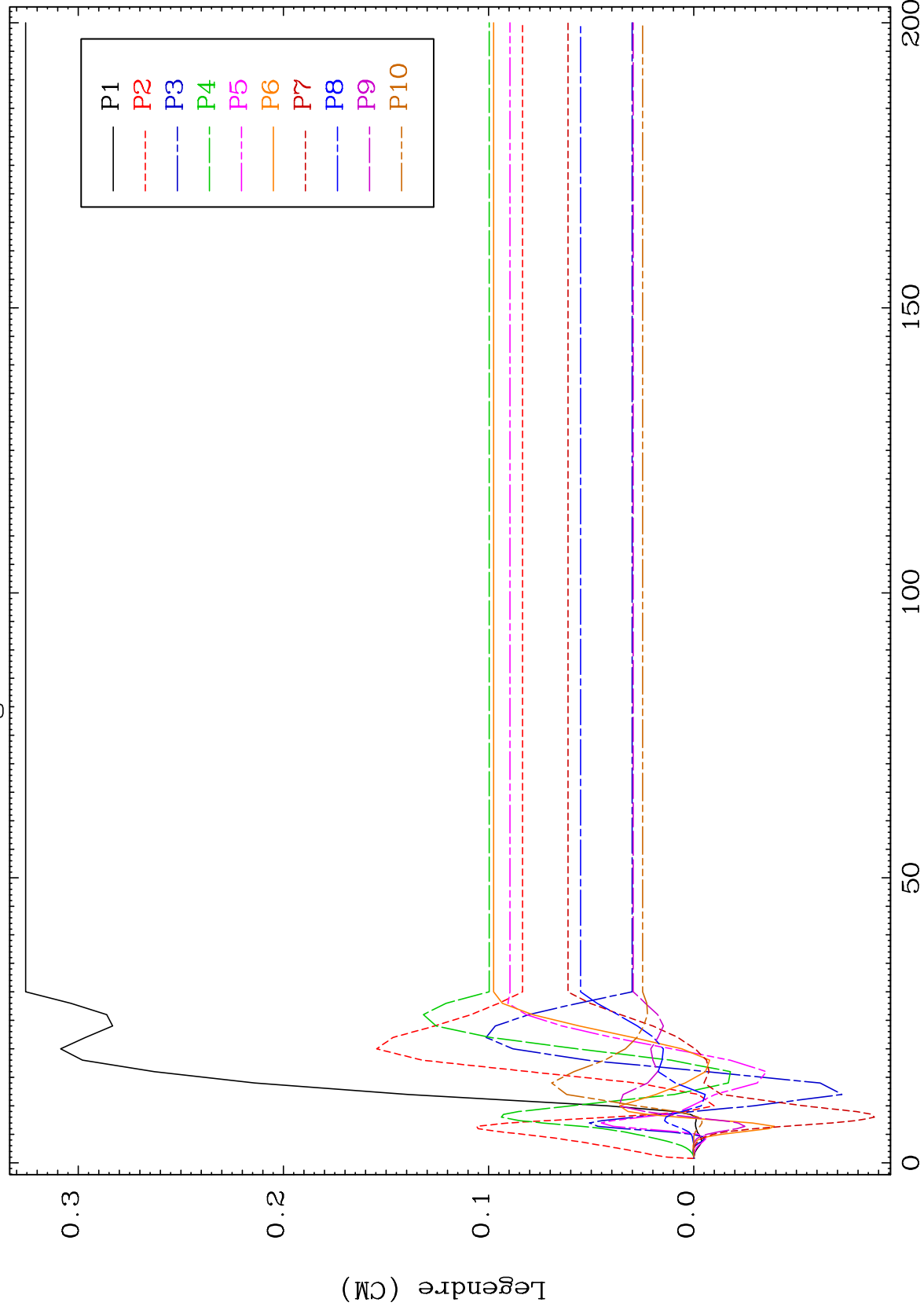
150

200

MAT 7749

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

77-Ir-199



Incident Energy (MeV)

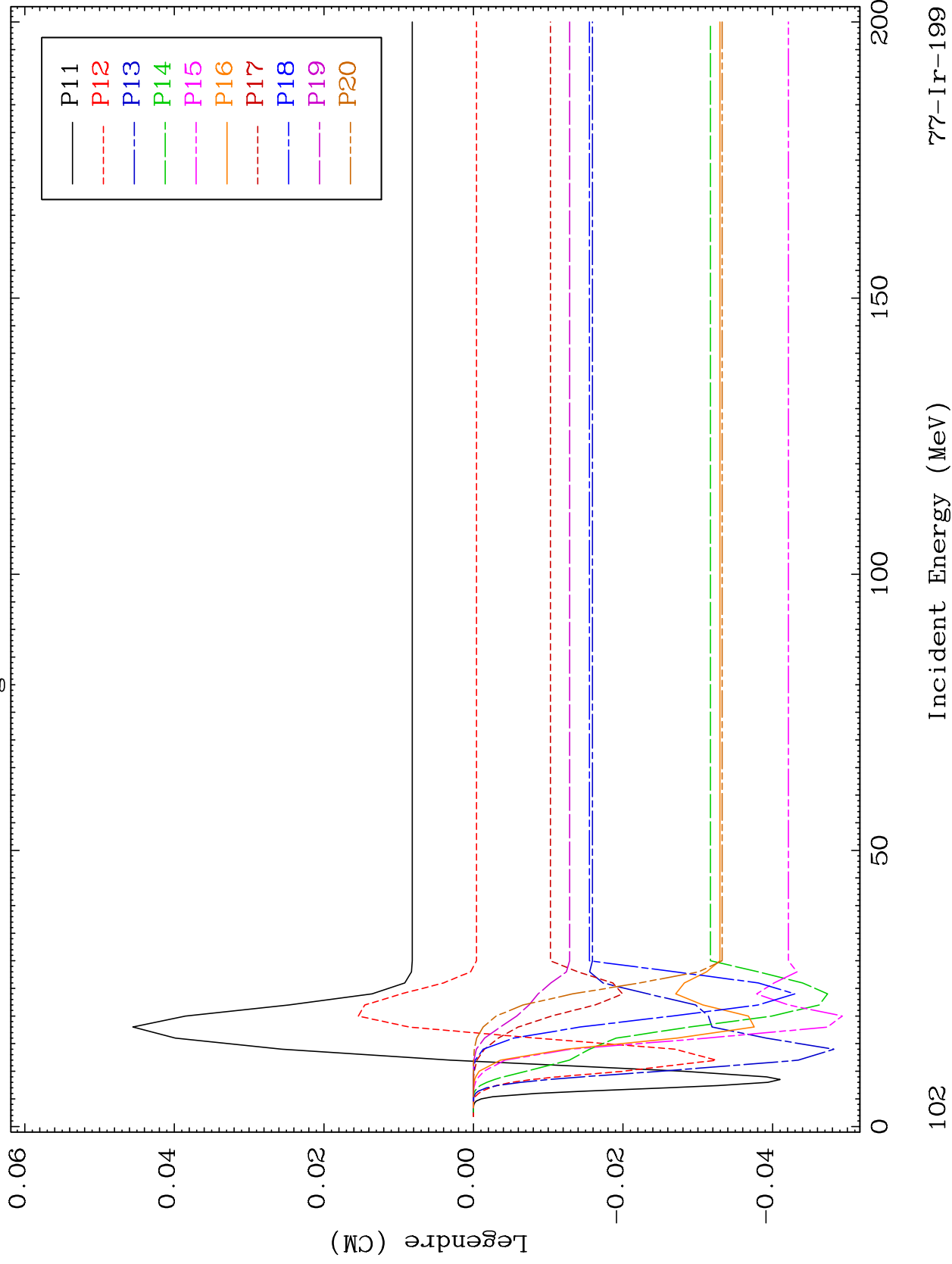
77-Ir-199

101

MAT 7749

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

77-Ir-199



77-Ir-199

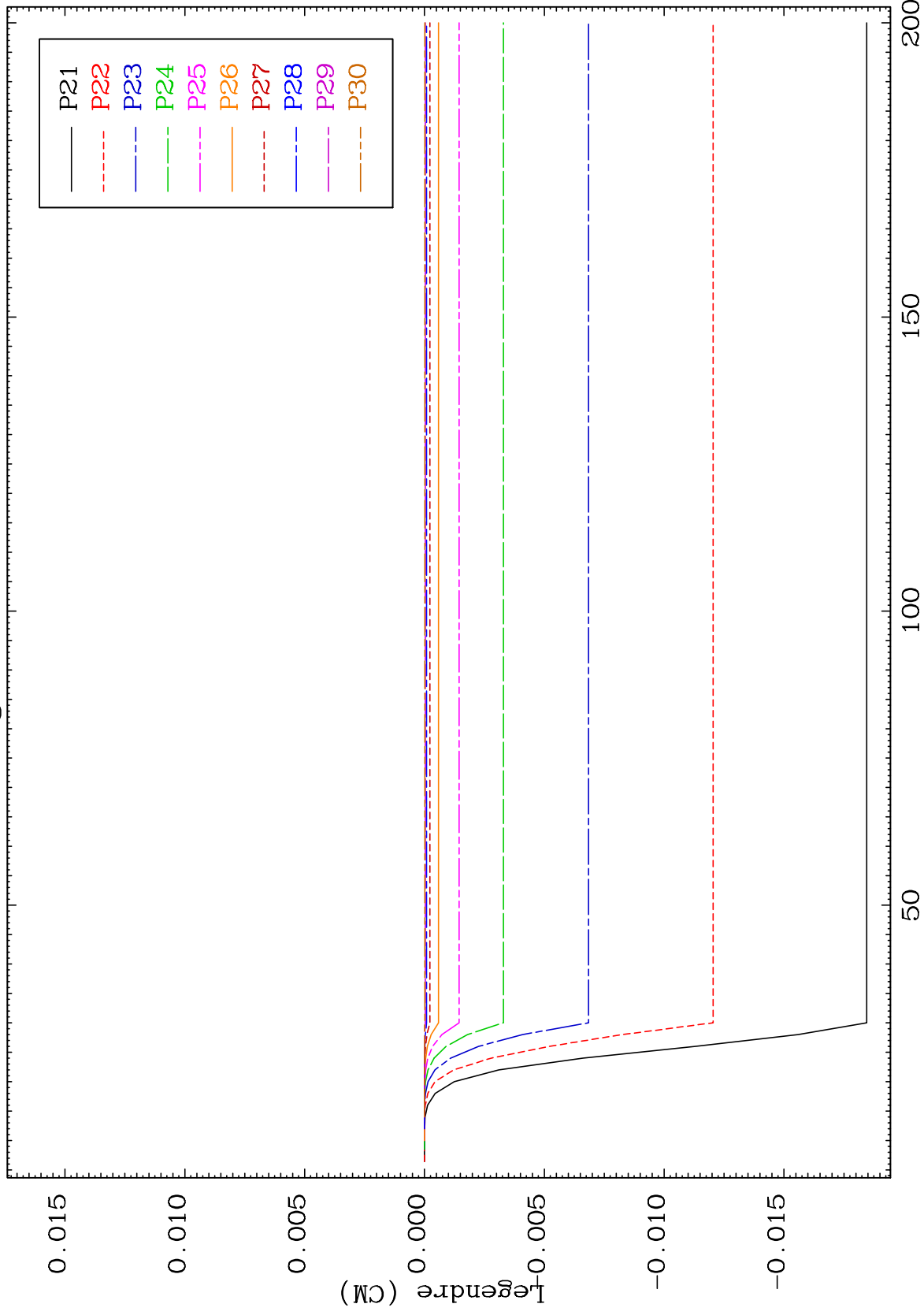
Incident Energy (MeV)

102

MAT 7749

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

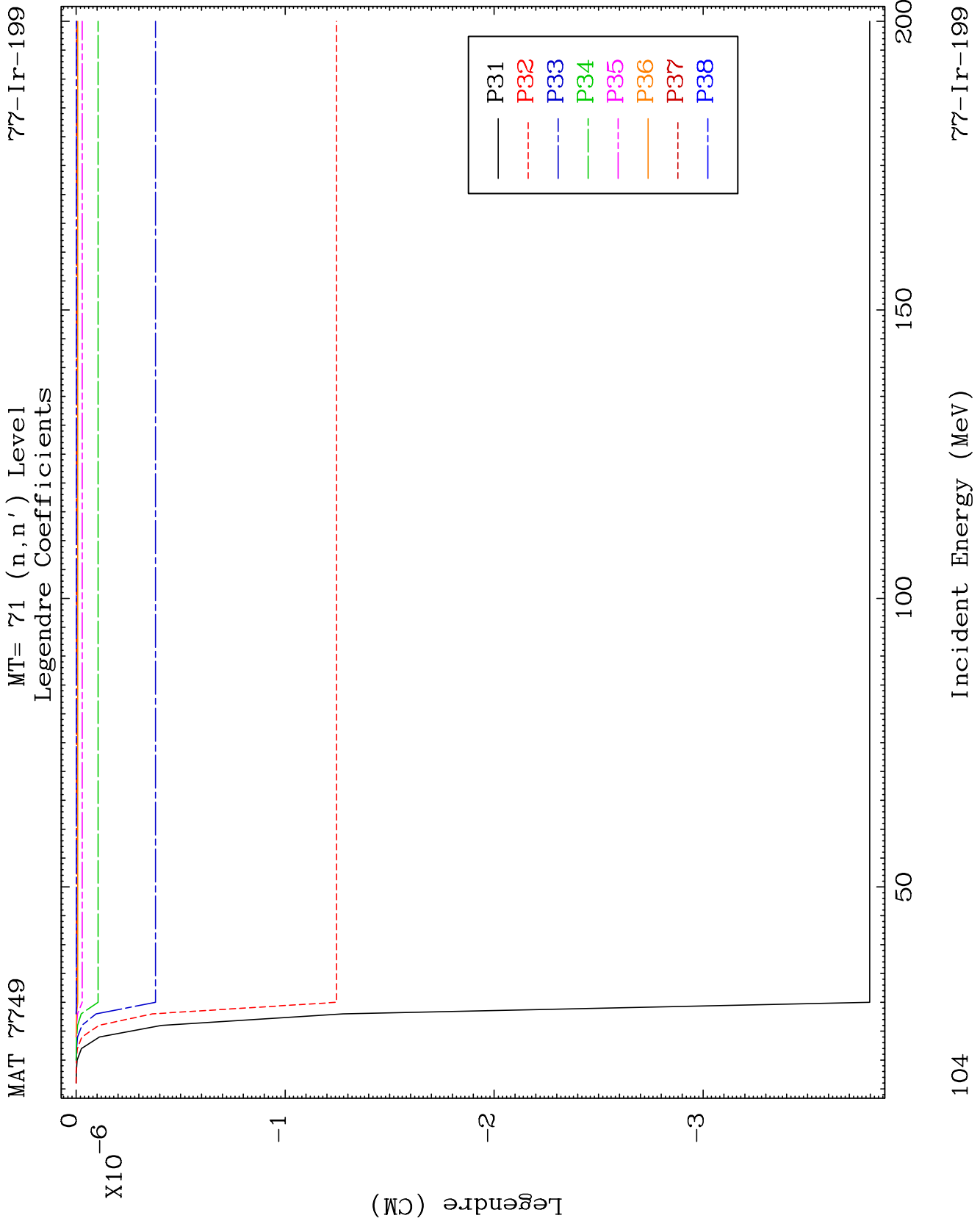
77-Ir-199



103

Incident Energy (MeV)

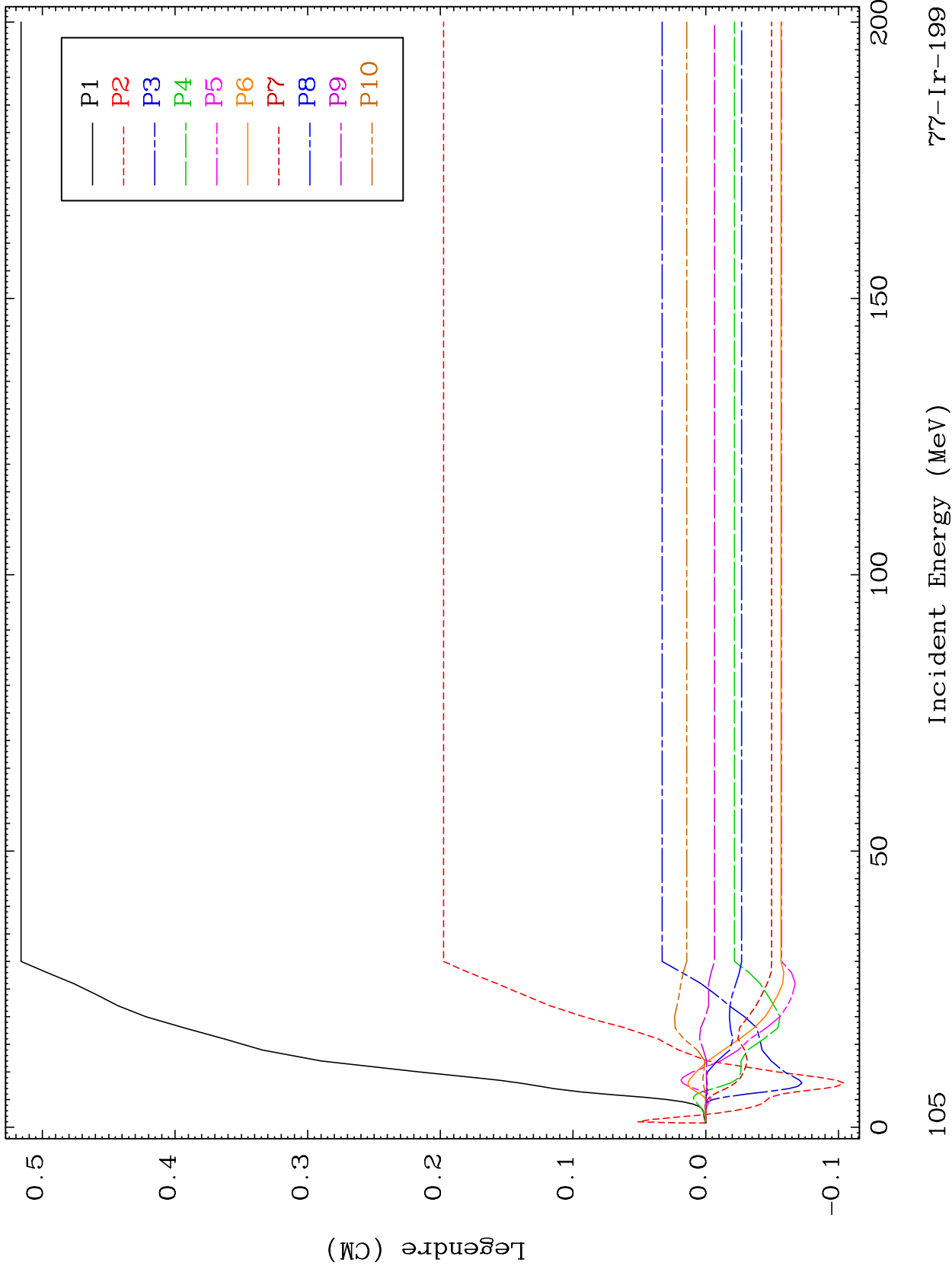
77-Ir-199



MAT 7749

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

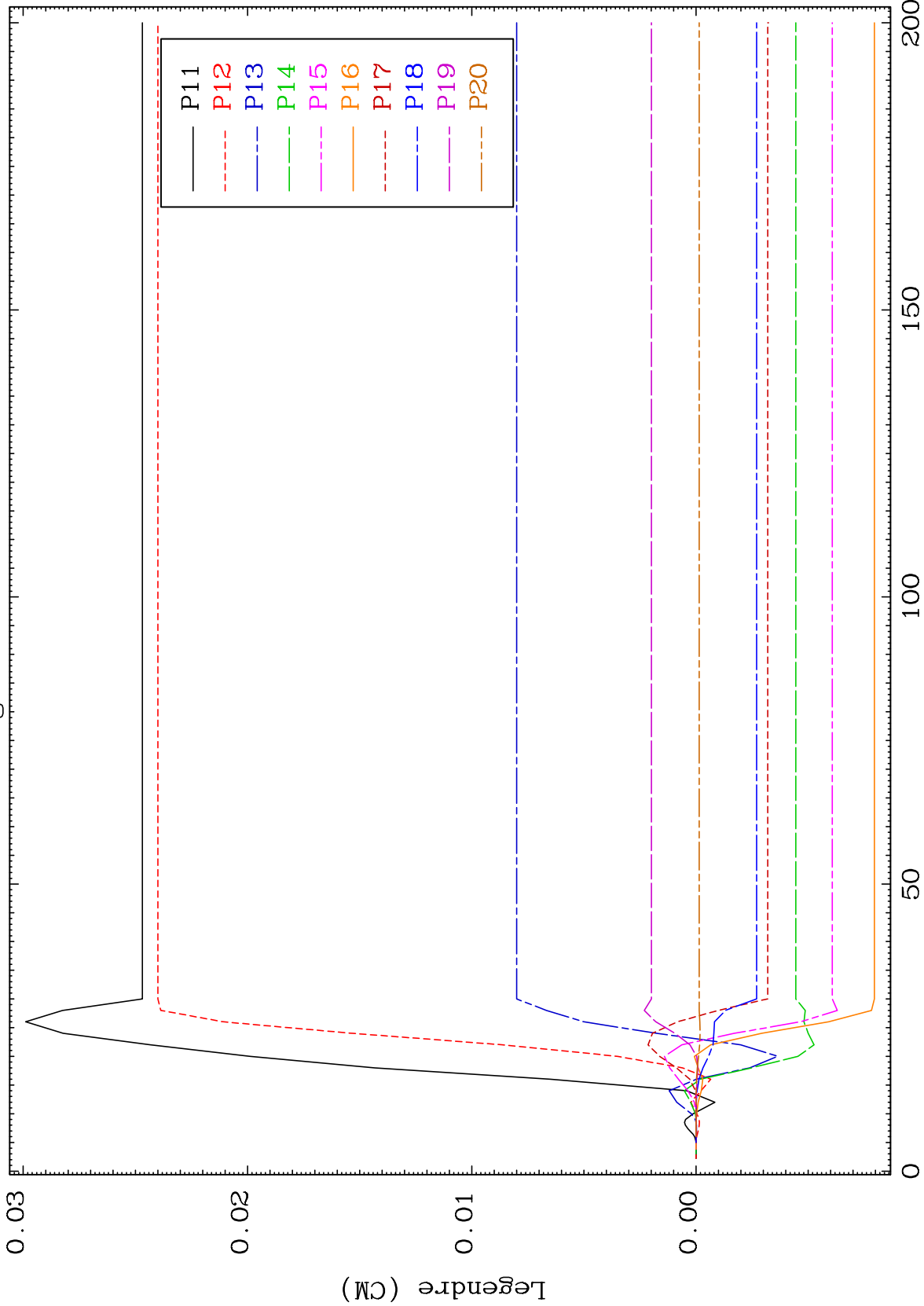
77-Ir-199



MAT 7749

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

77-Ir-199



106

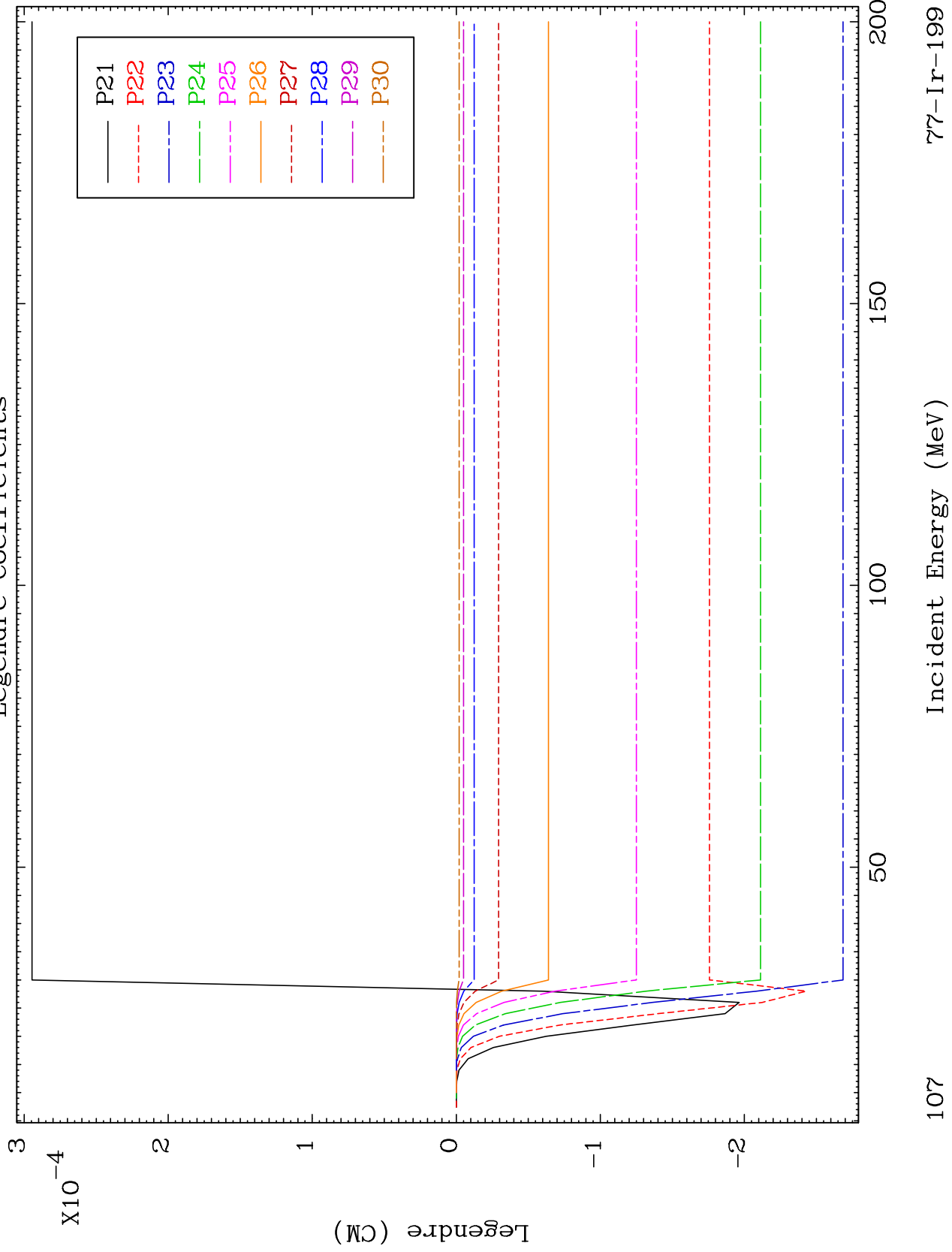
Incident Energy (MeV)

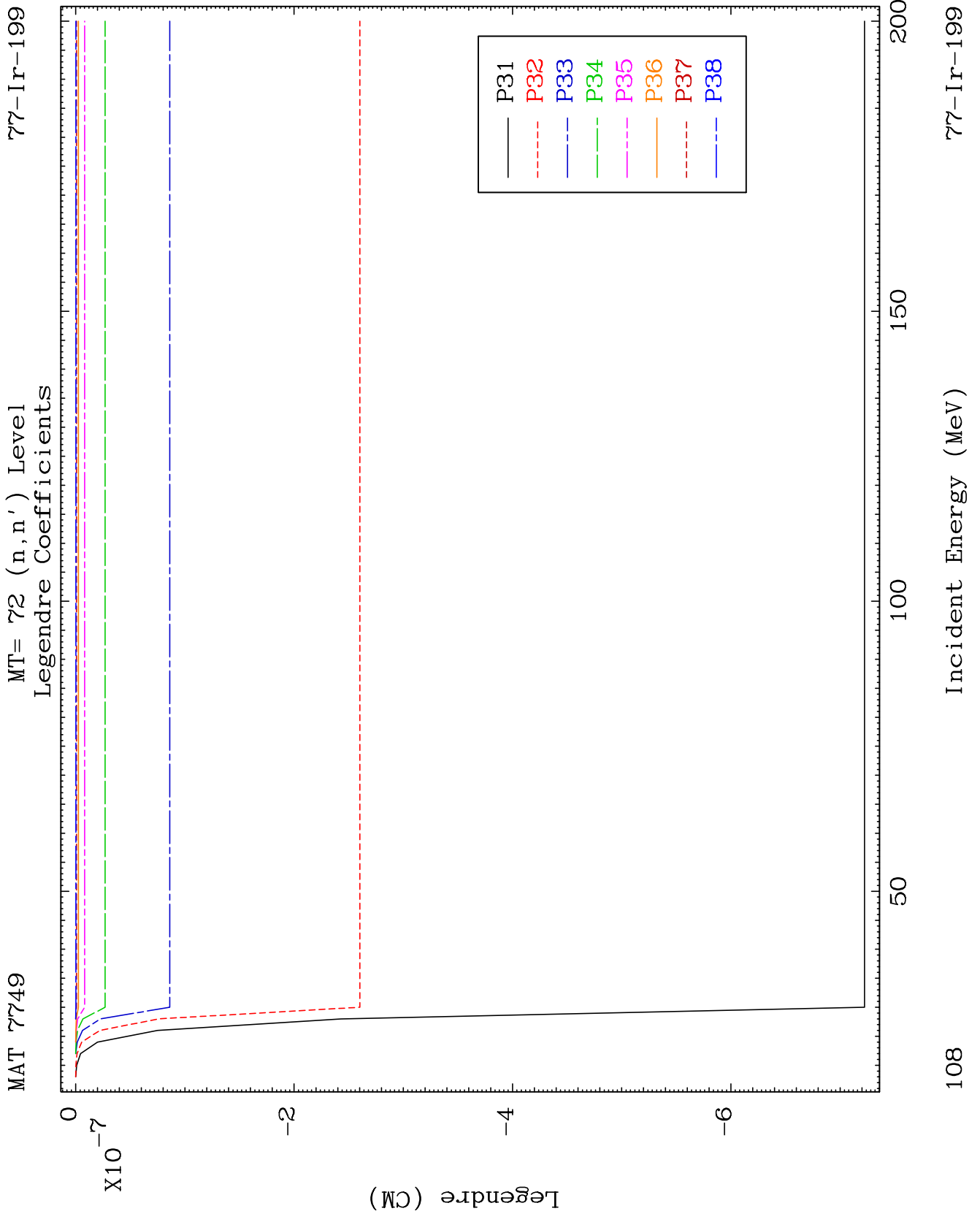
77-Ir-199

MAT 7749

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

77-Ir-199

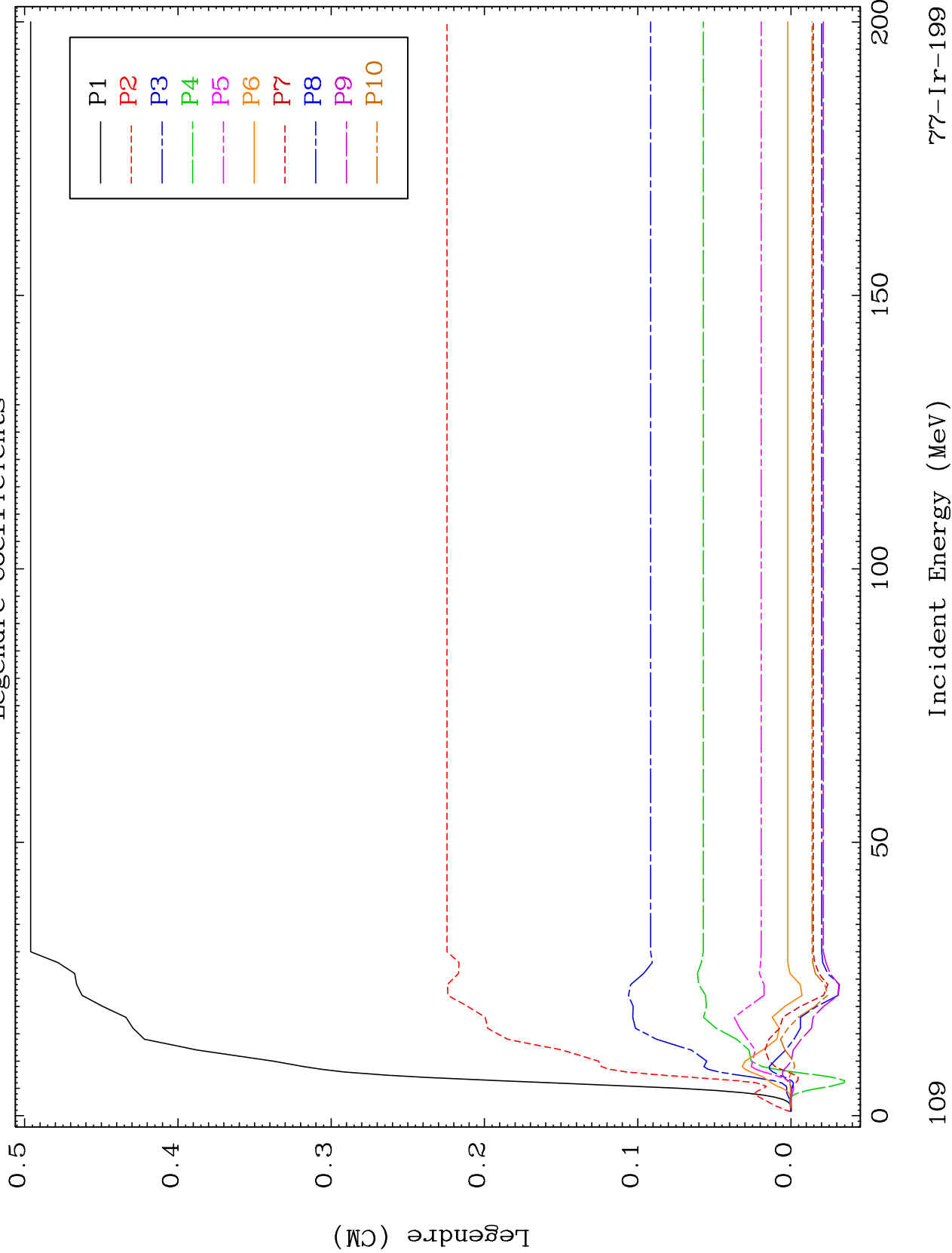




MAT 7749

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

77-Ir-199



77-Ir-199

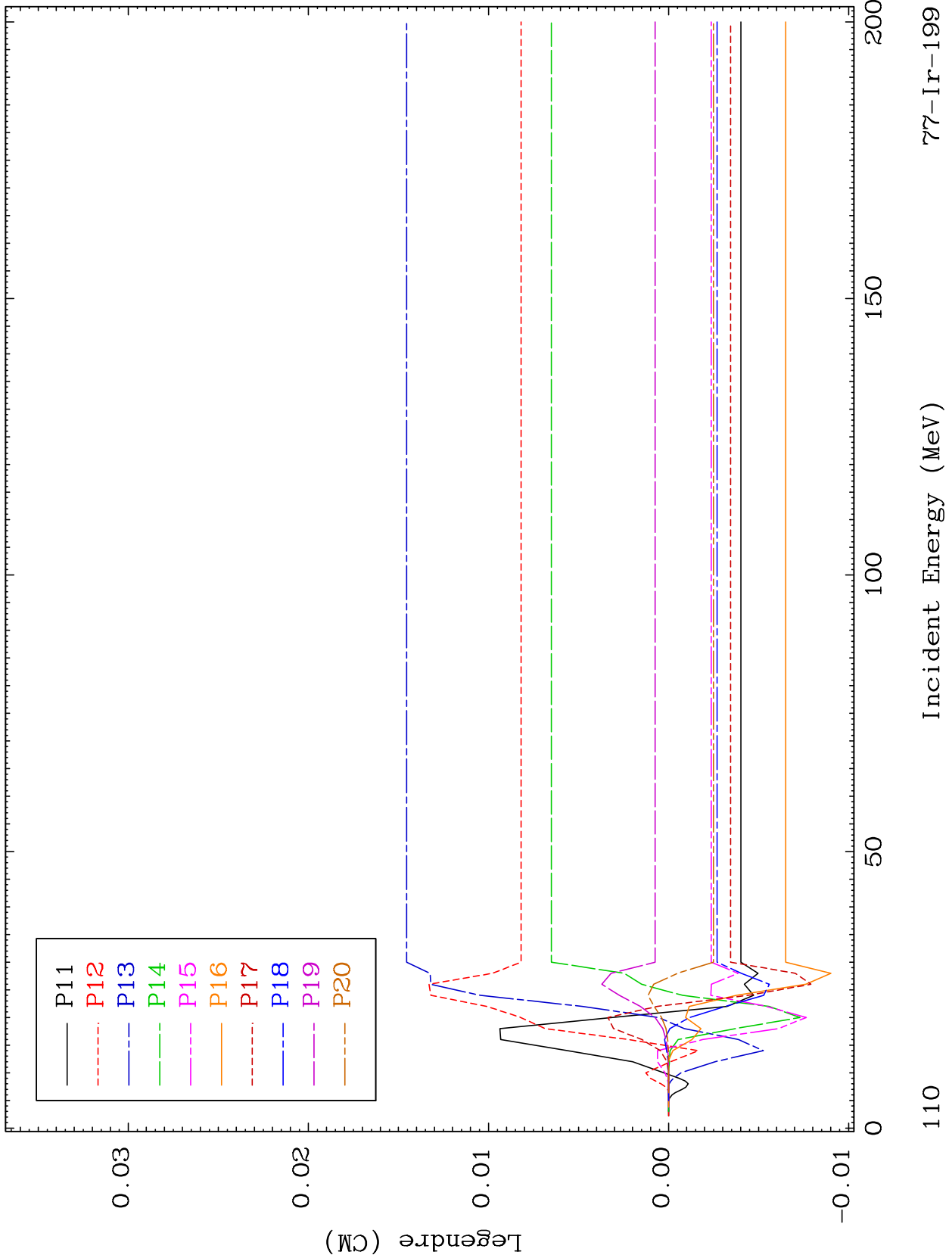
Incident Energy (MeV)

109

MAT 7749

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

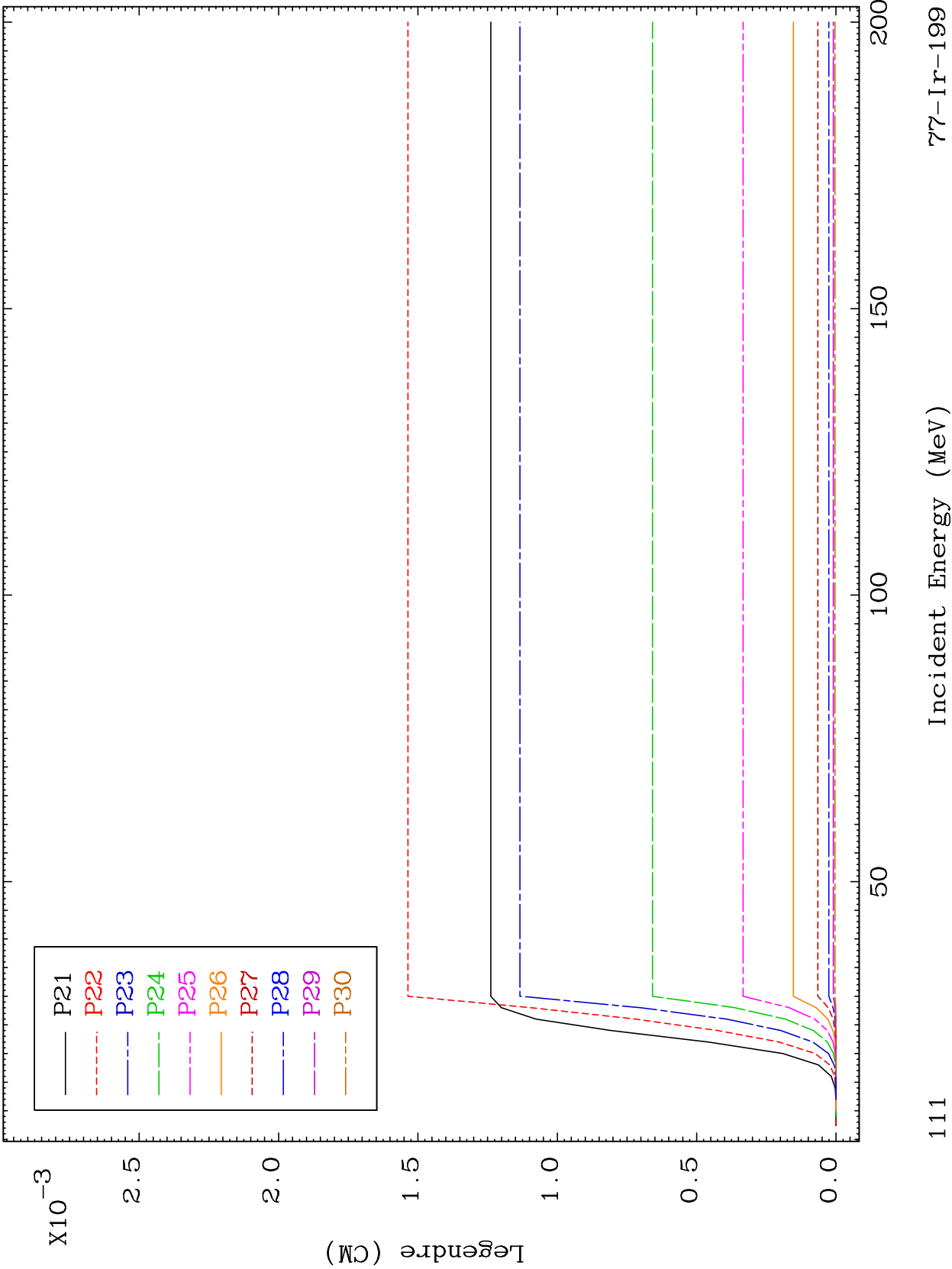
77-Ir-199



77-Ir-199

Incident Energy (MeV)

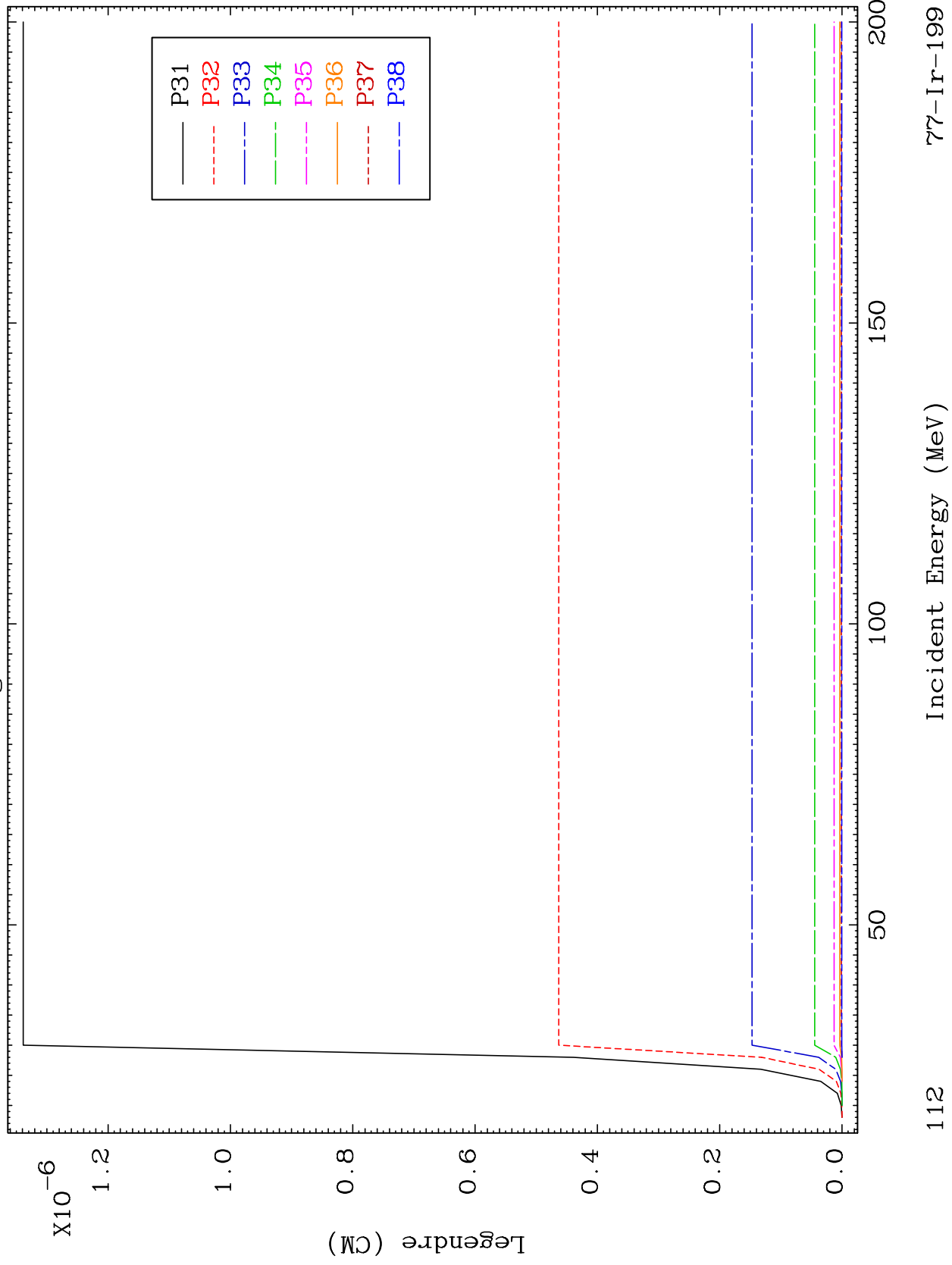
110



MAT 7749

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

77-Ir-199

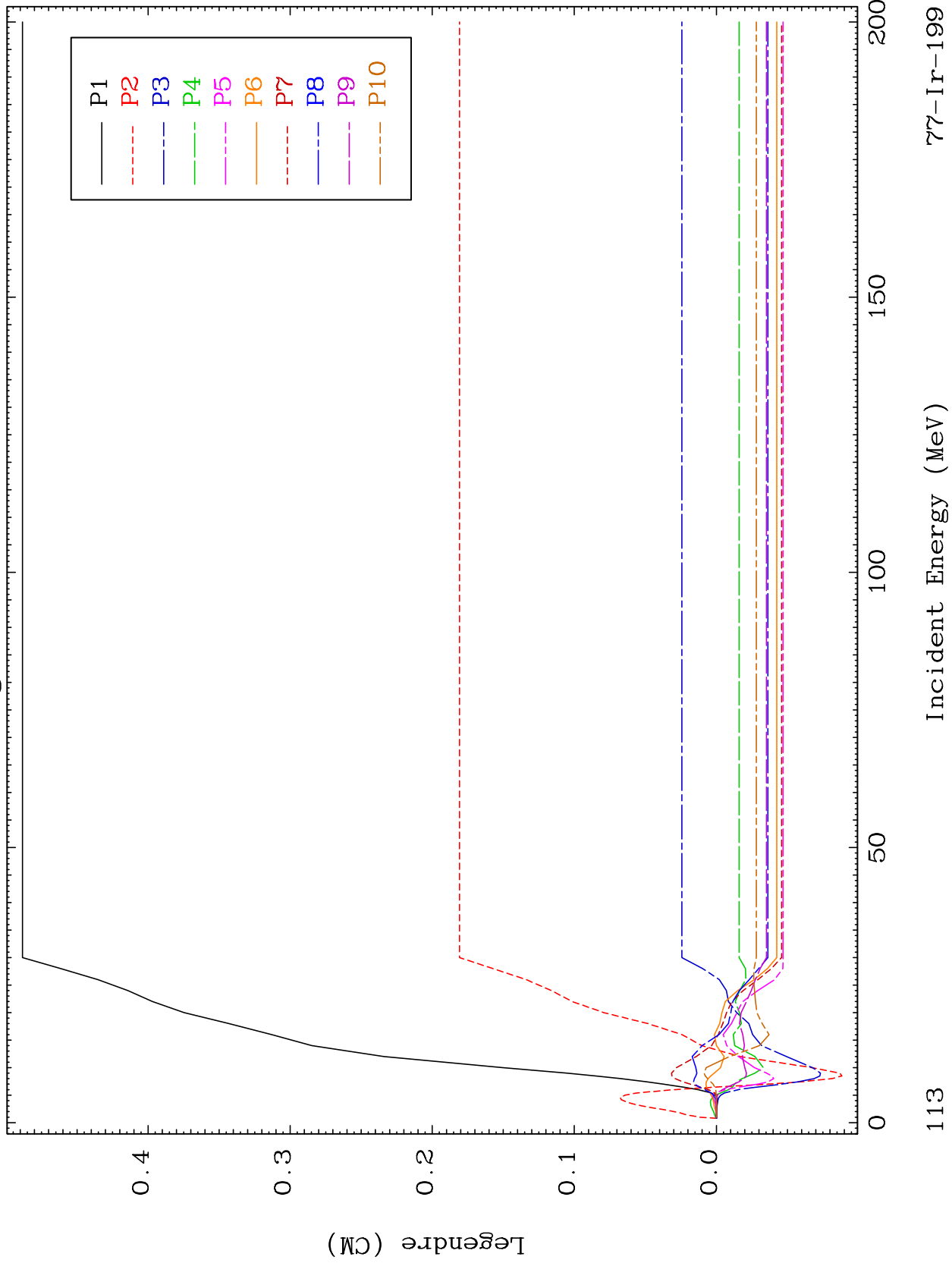


112

MAT 7749

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

77-Ir-199



77-Ir-199

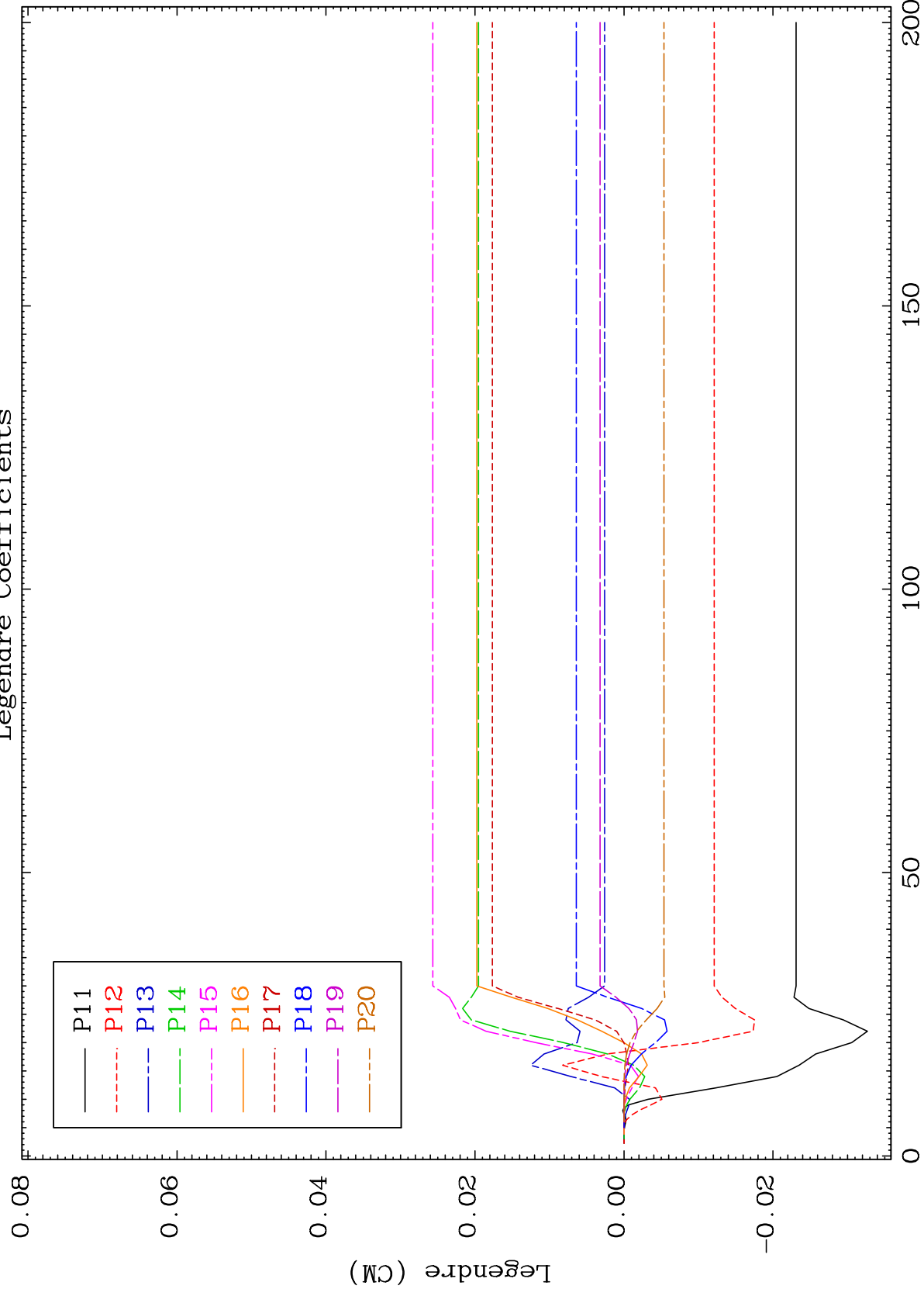
Incident Energy (MeV)

113

MAT 7749

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

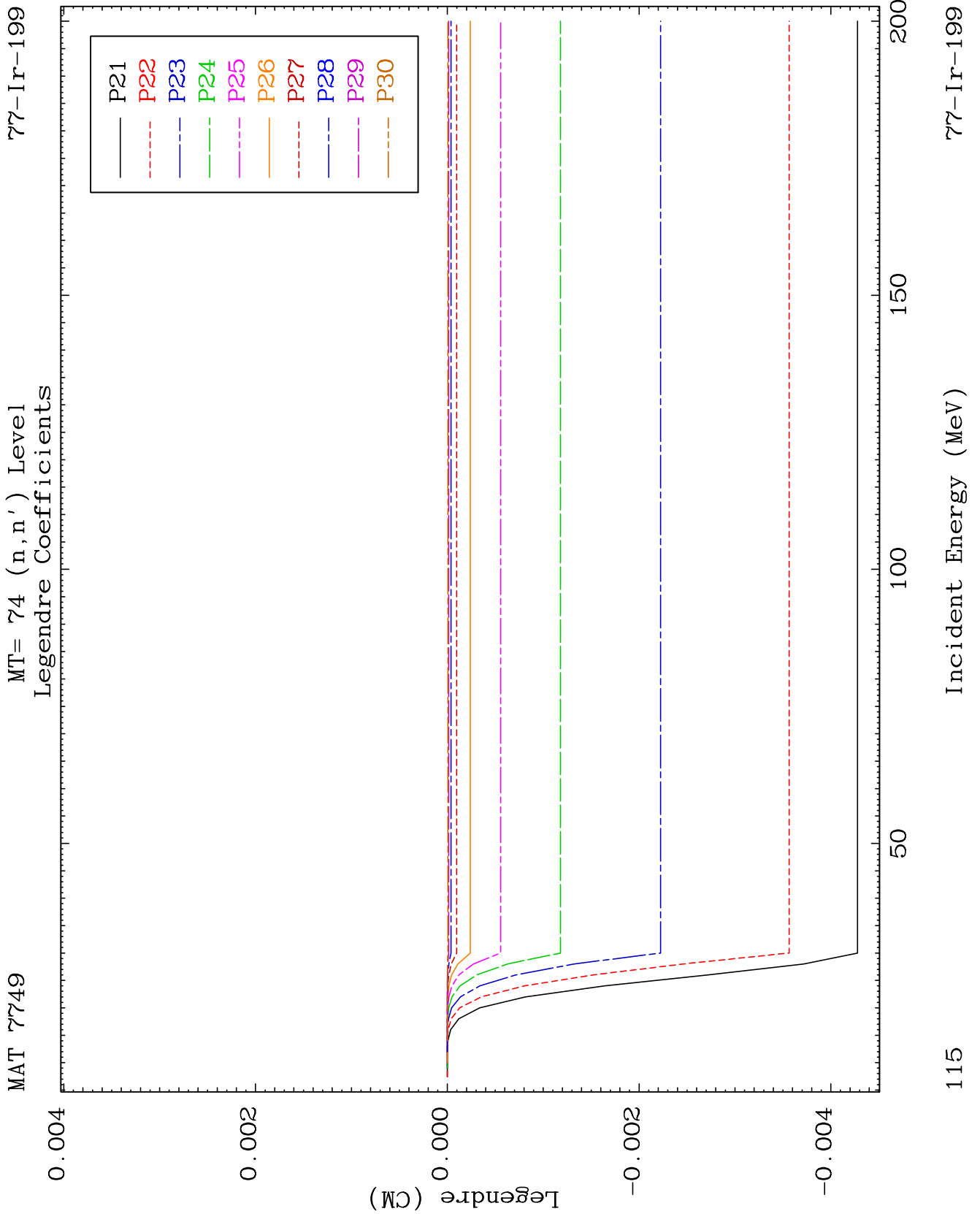
77-Ir-199

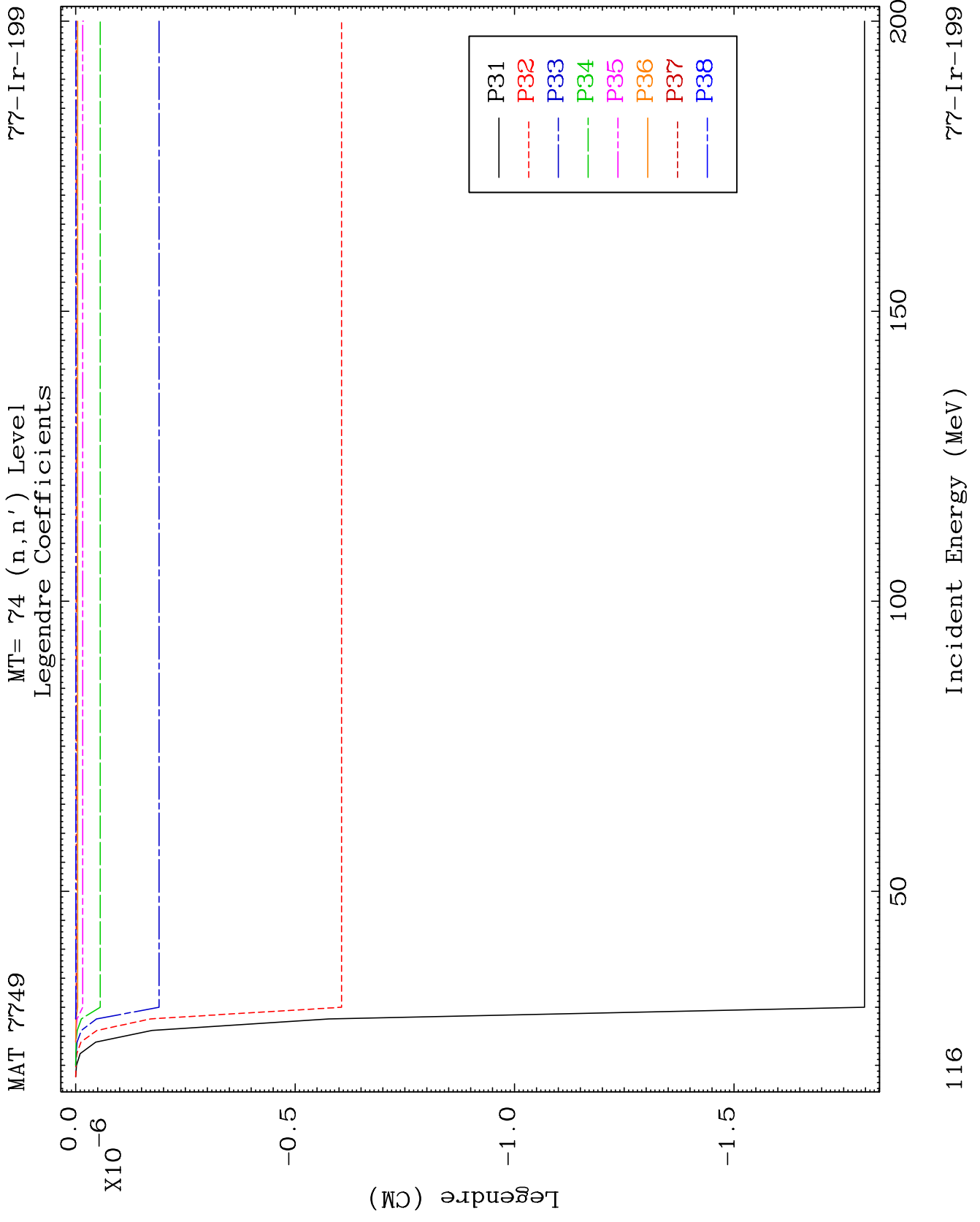


114

Incident Energy (MeV)

77-Ir-199

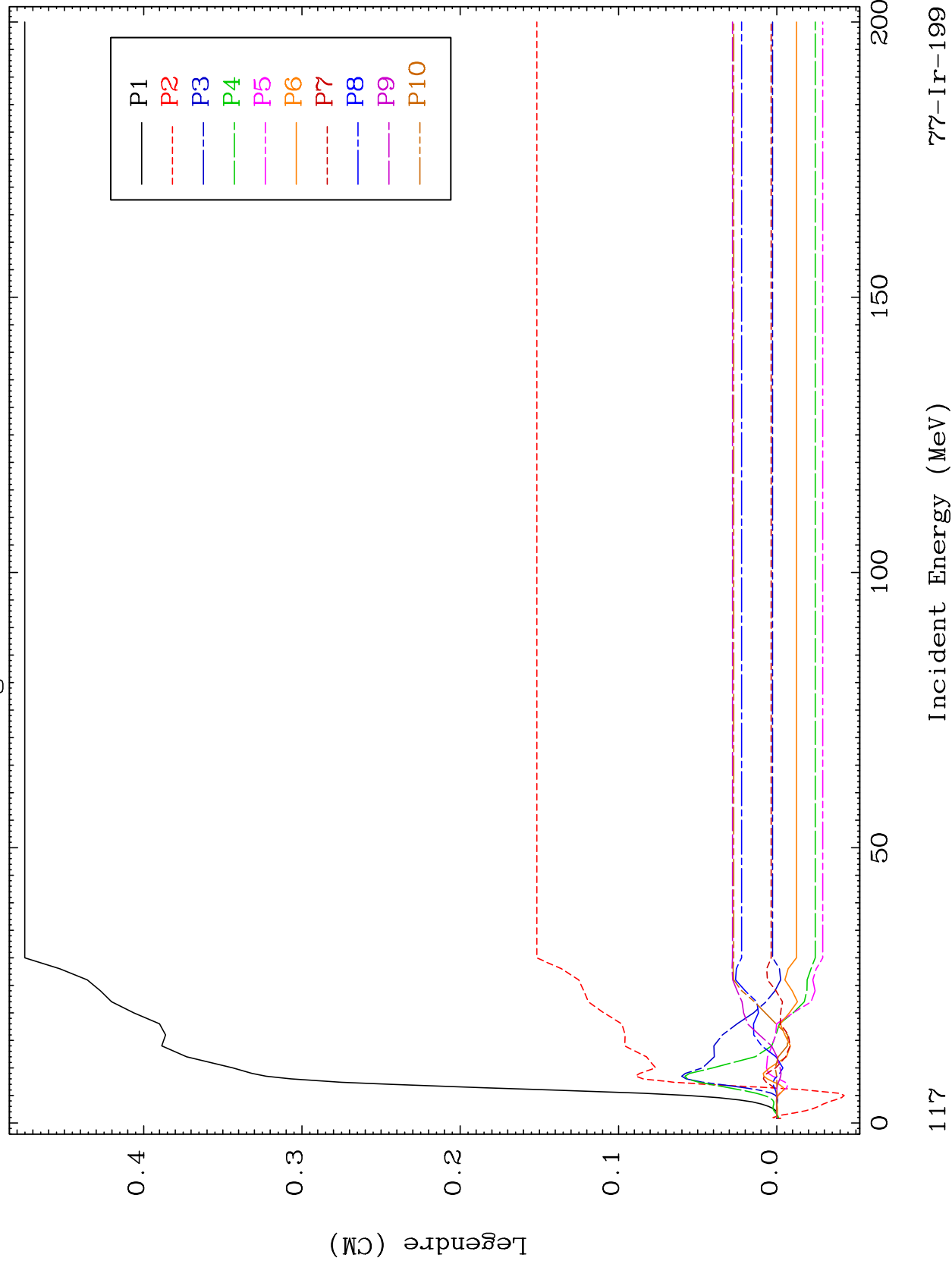




MAT 7749

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

77-Ir-199



117

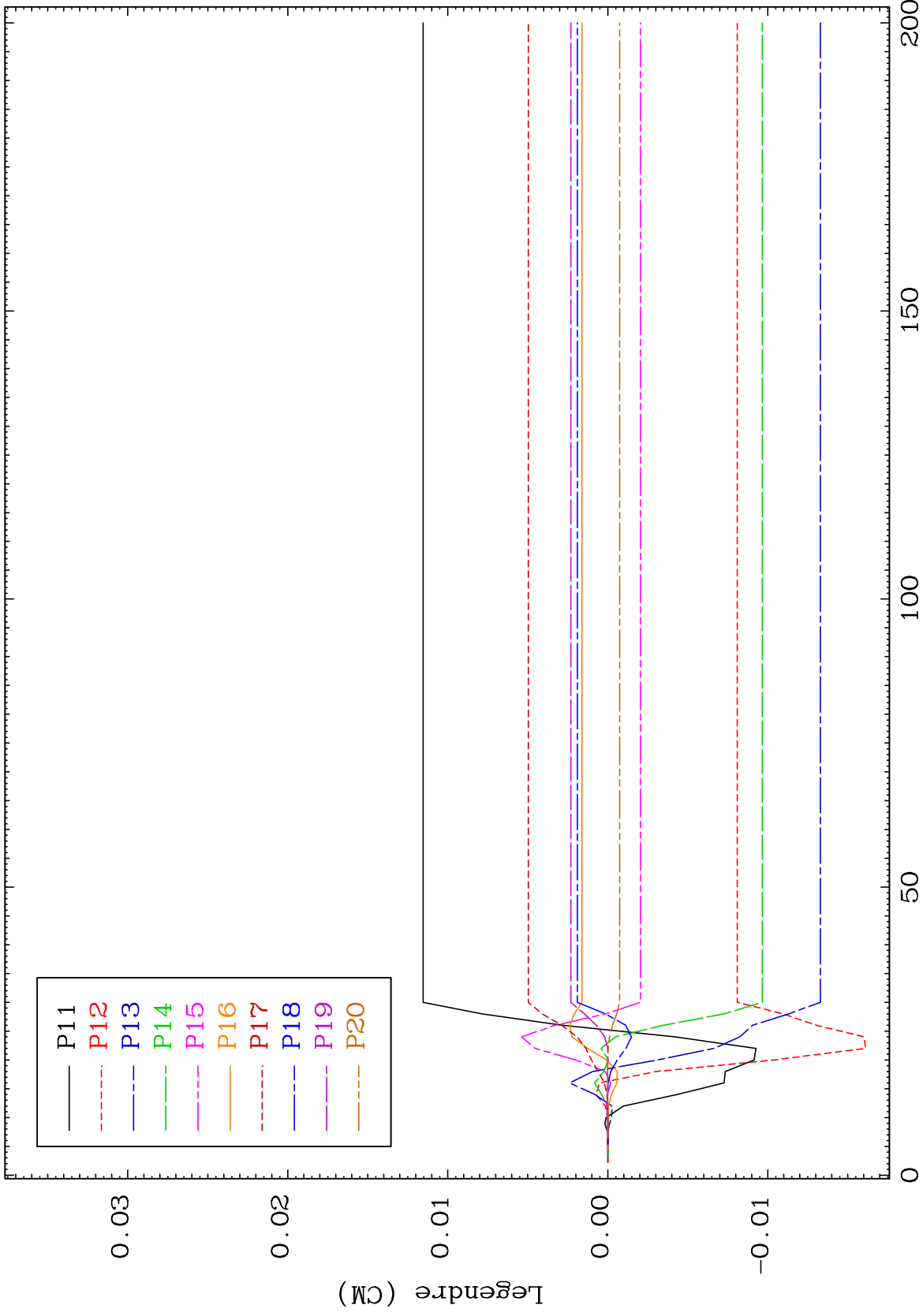
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

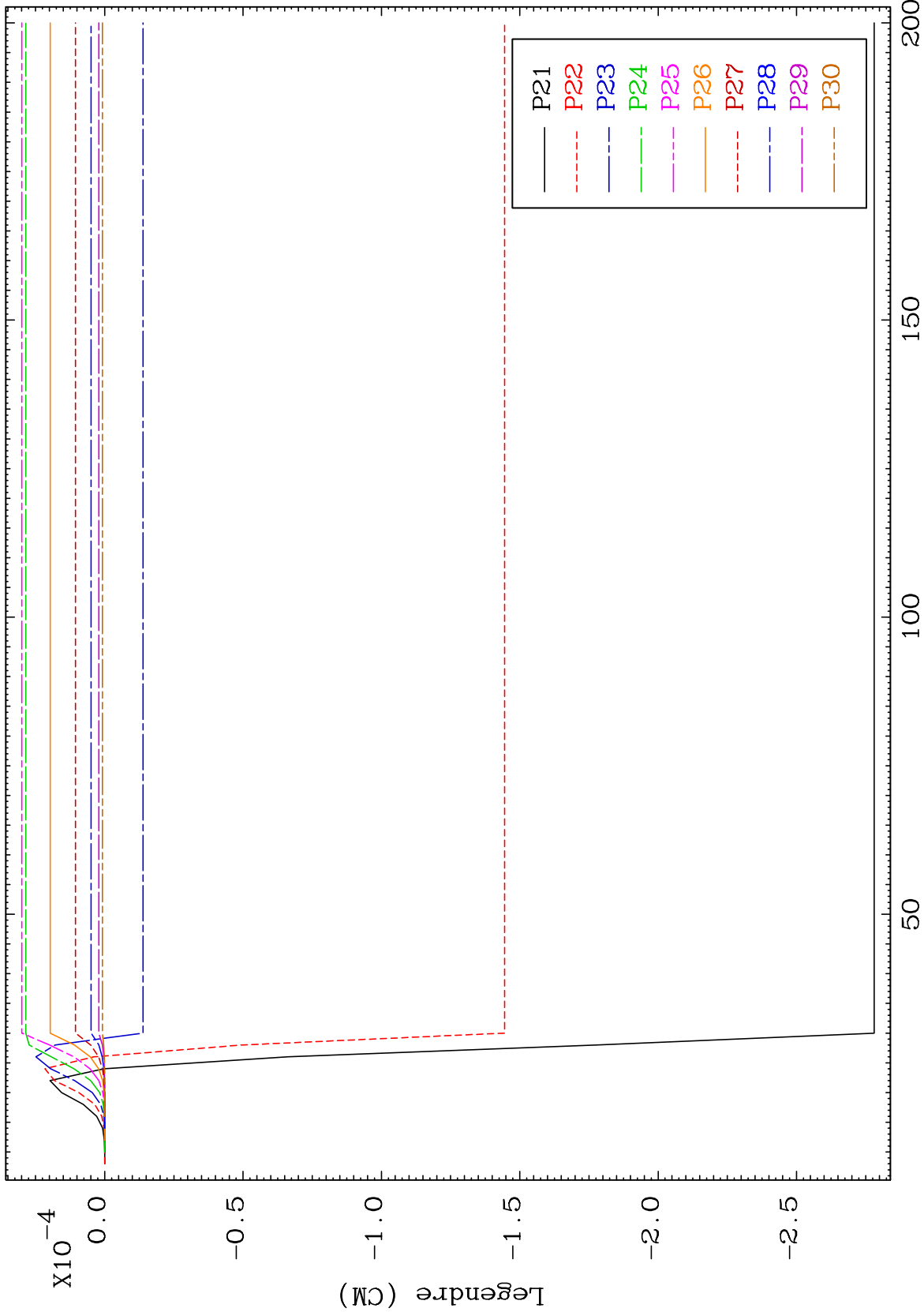
77-Ir-199



118

Incident Energy (MeV)

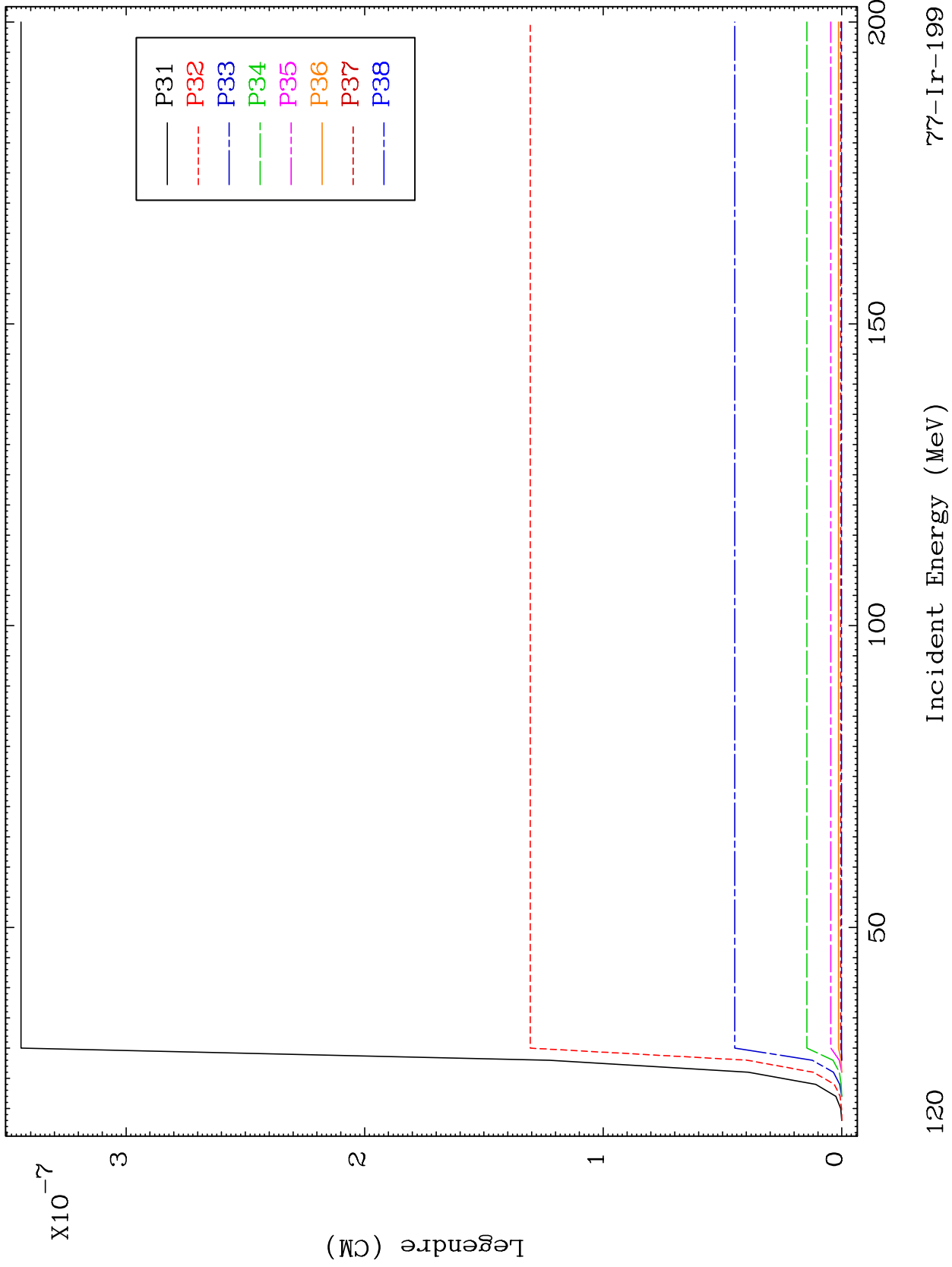
77-Ir-199



MAT 7749

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

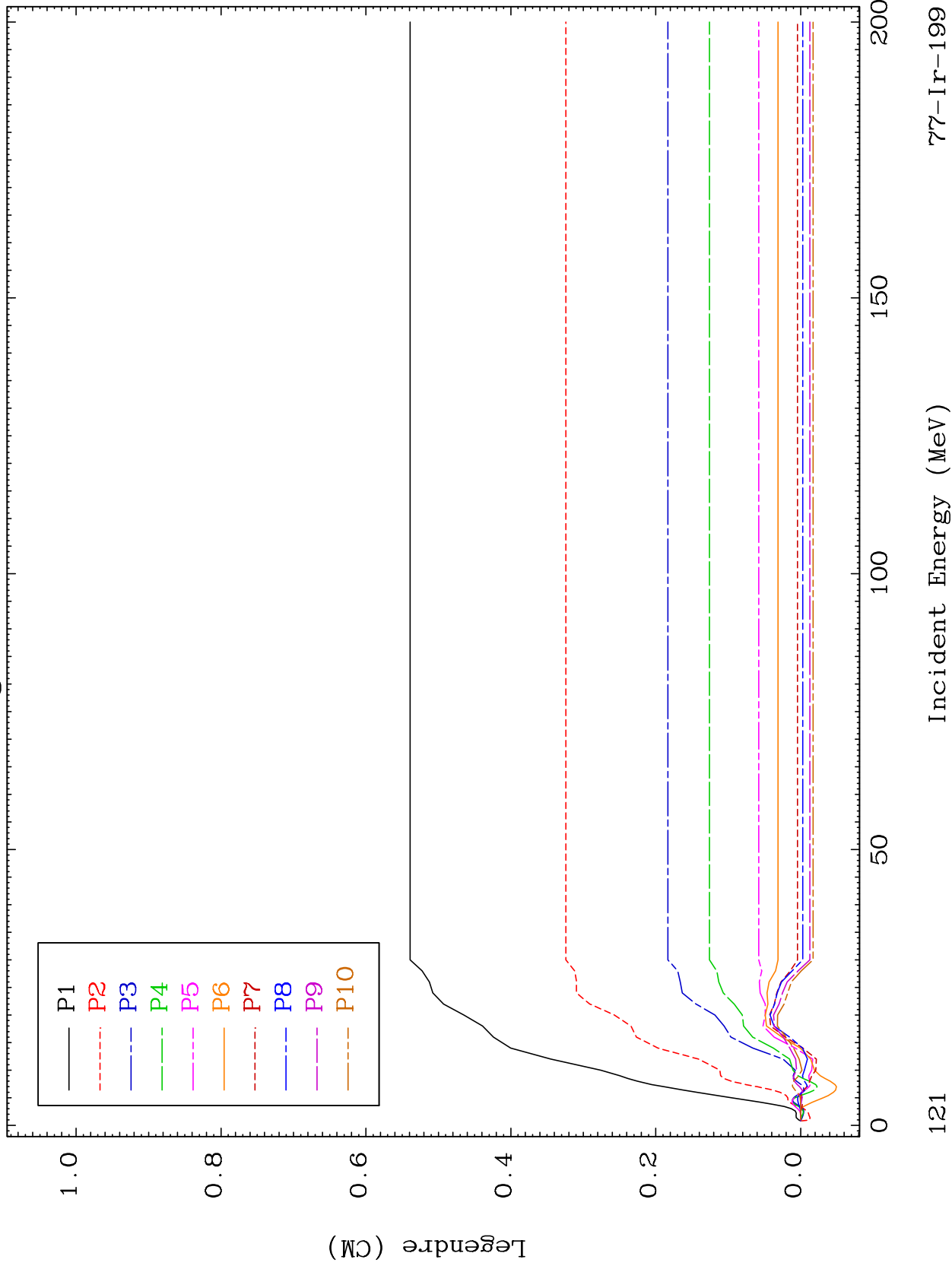
77-Ir-199



MAT 7749

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

77-Ir-199



121

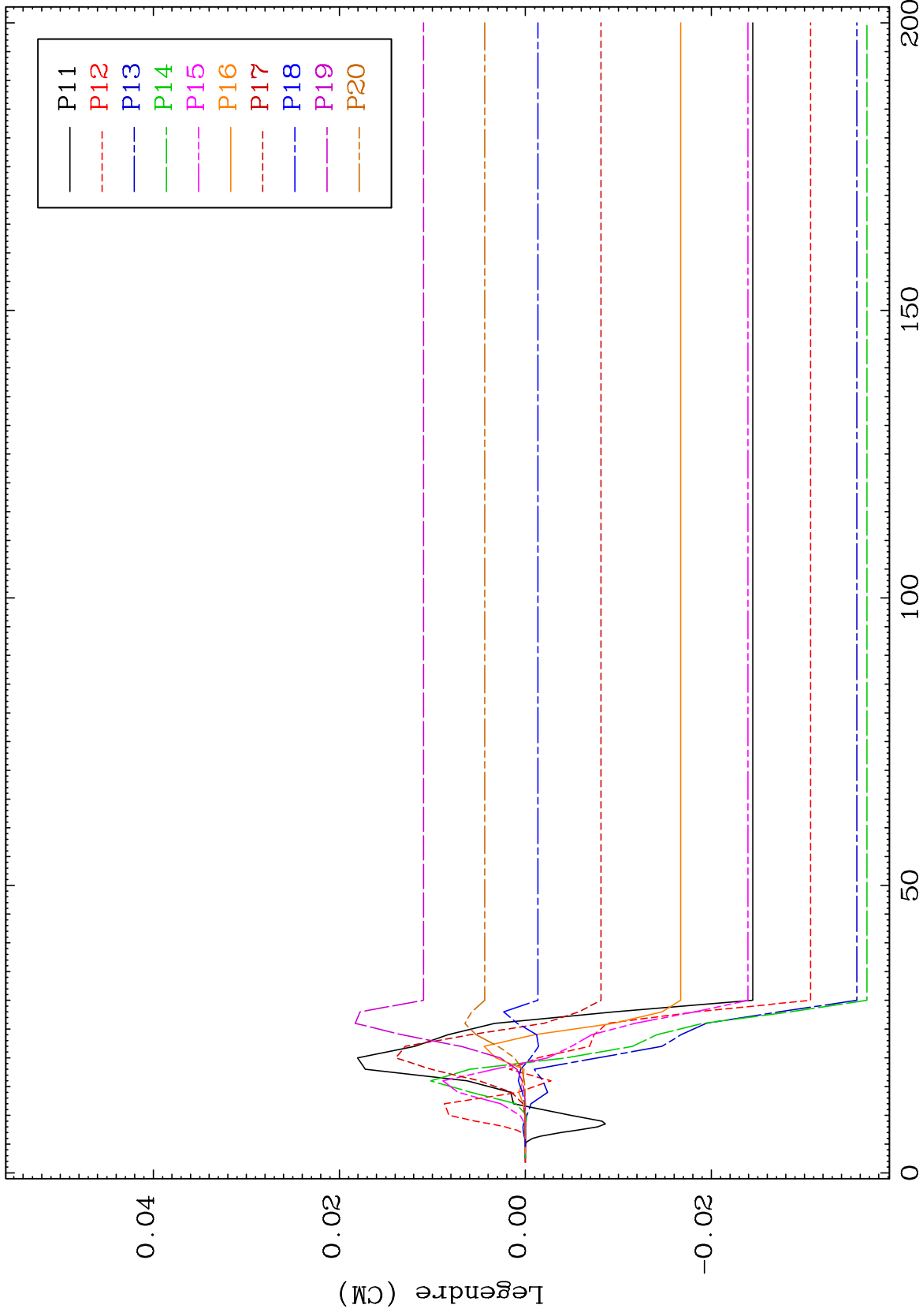
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

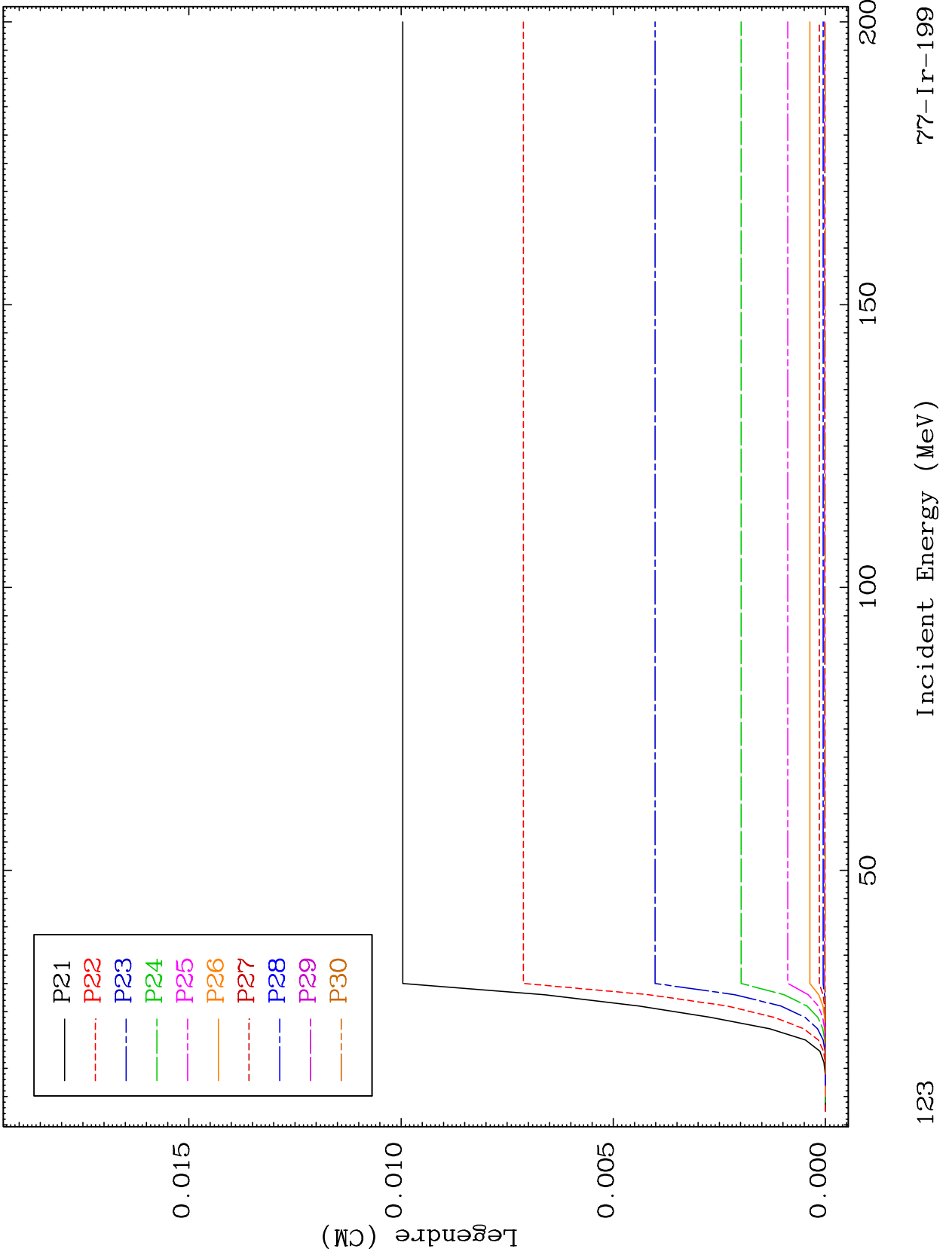
Incident Energy (MeV)

122

MAT 7749

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

77-Ir-199



123

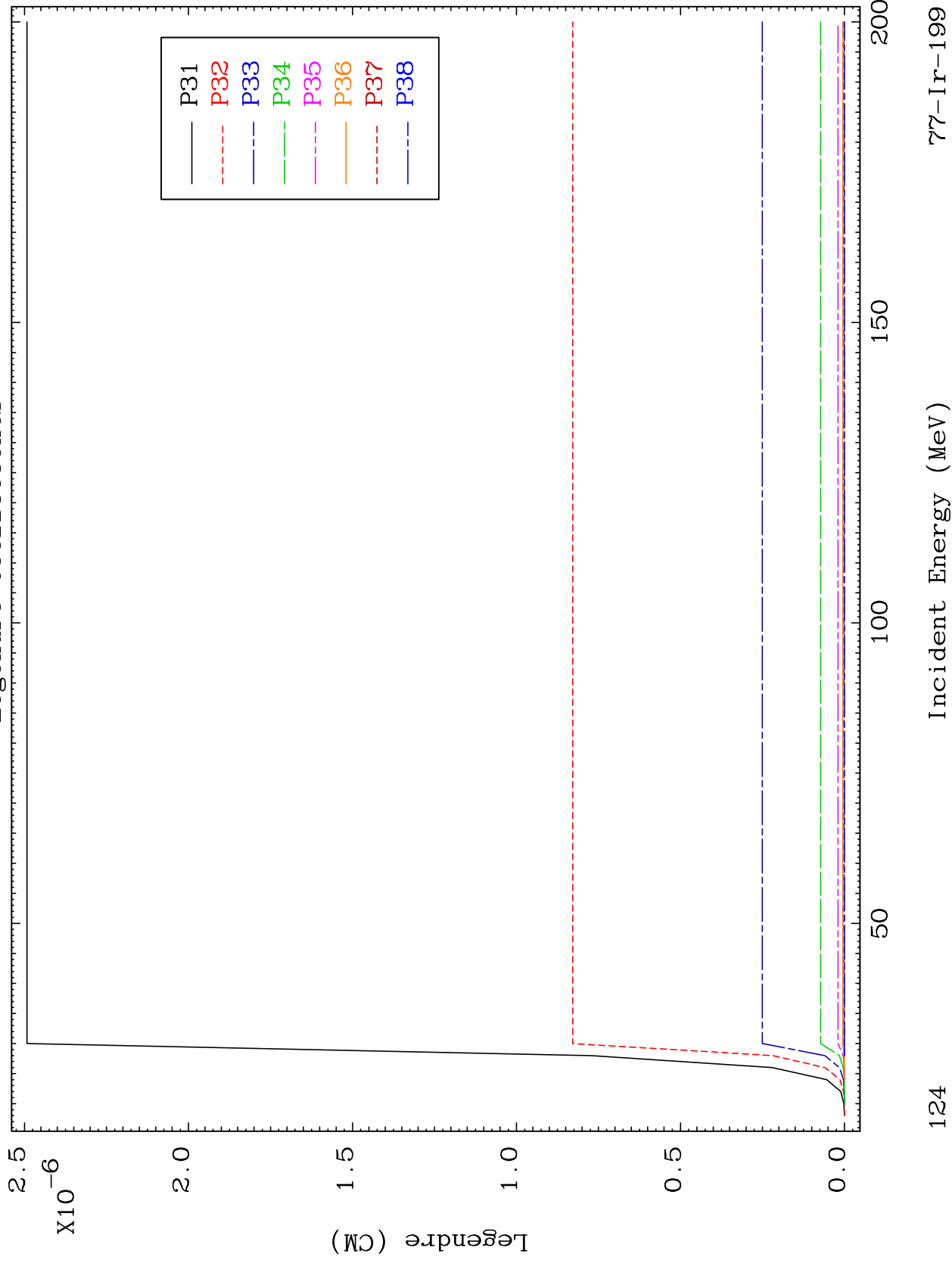
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



124

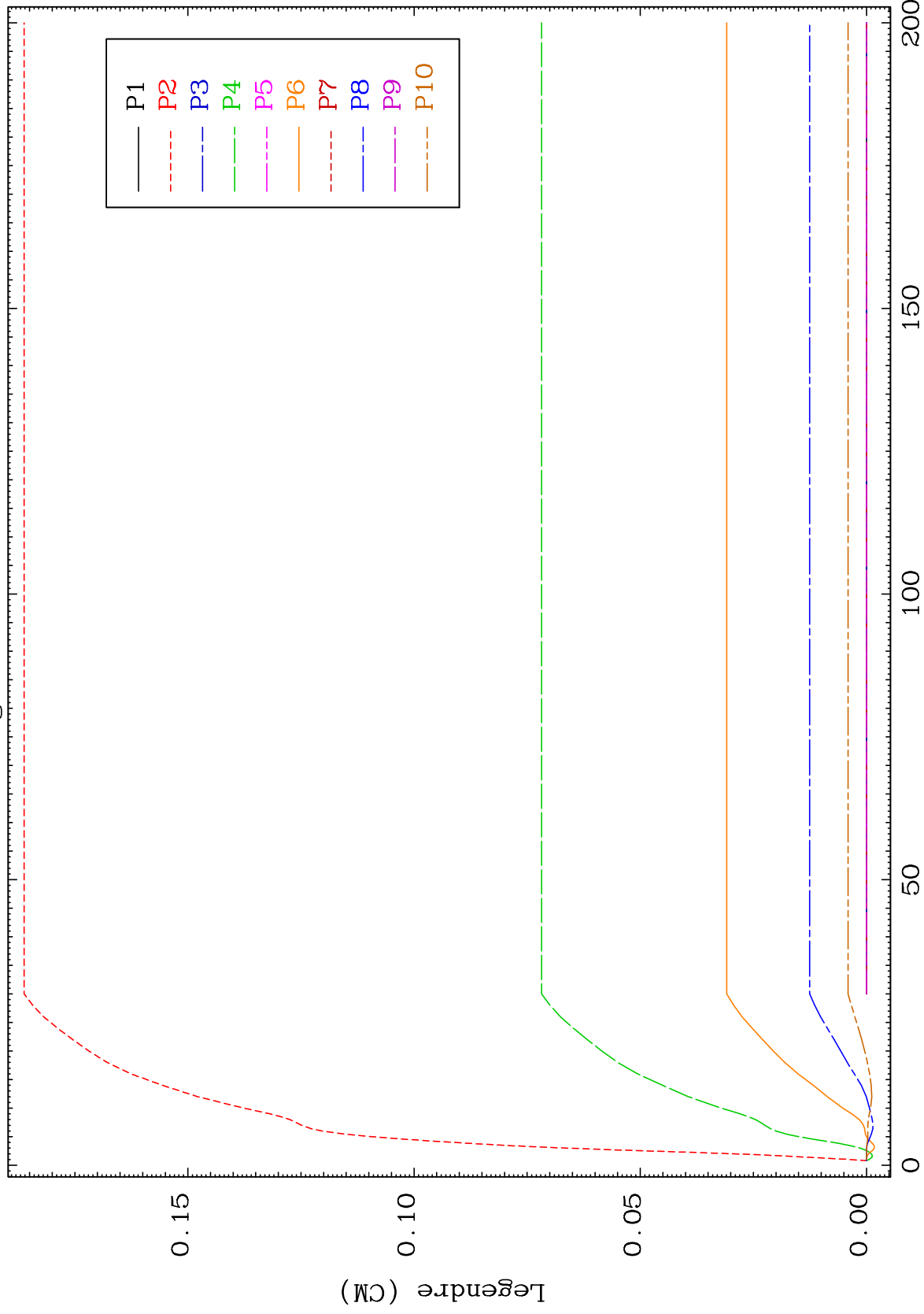
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

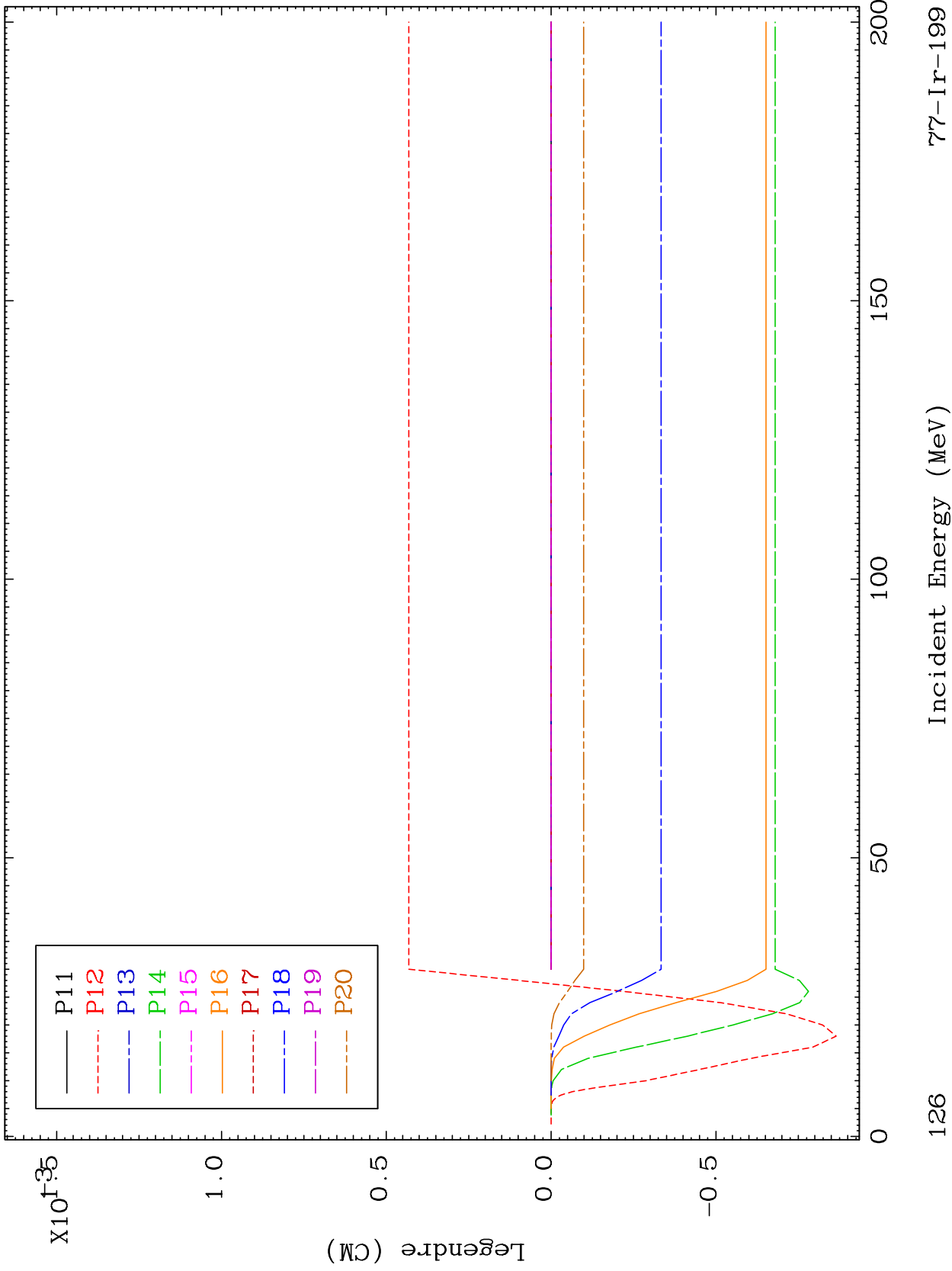
Incident Energy (MeV)

125

MAT 7749

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

77-Ir-199



126

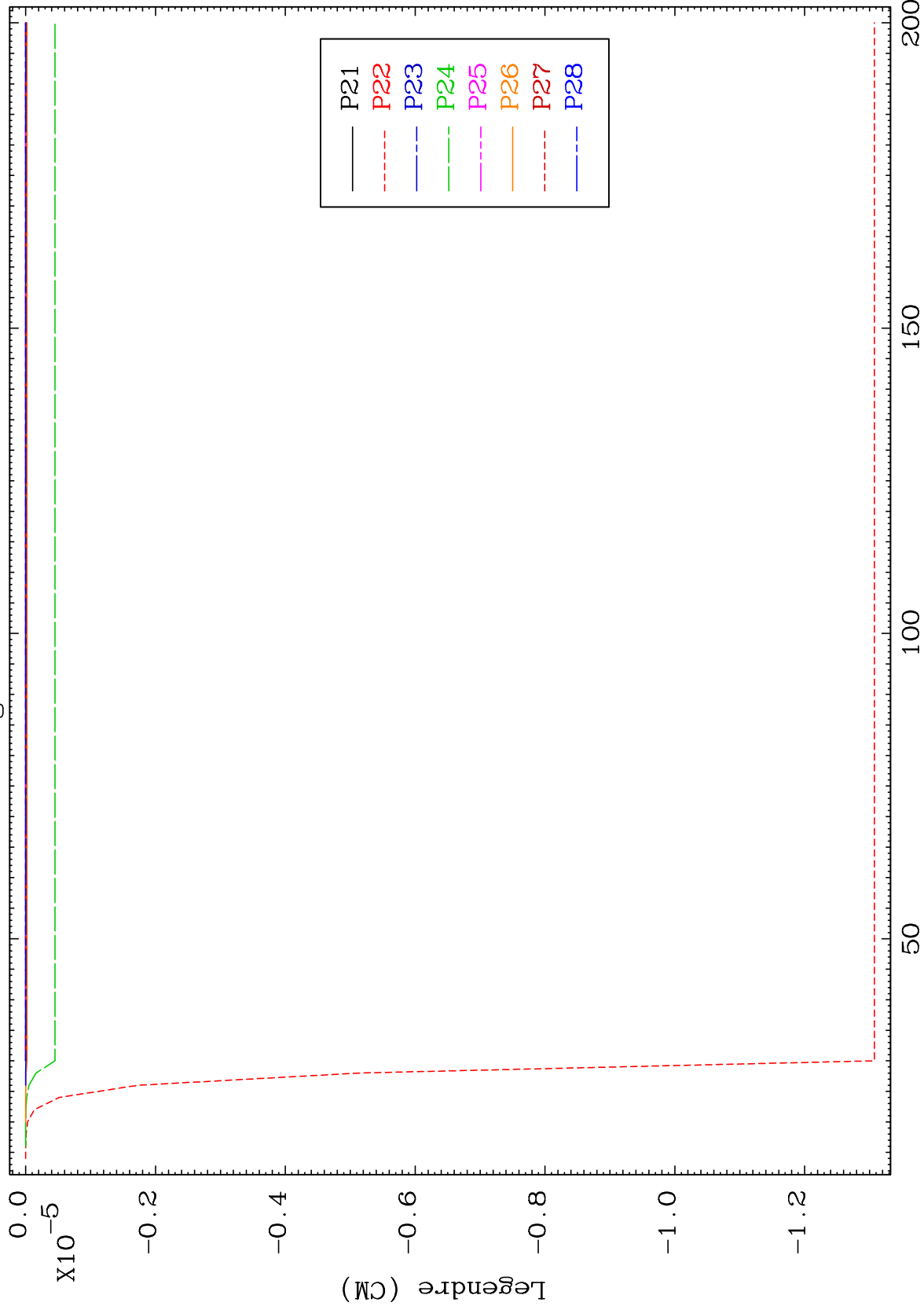
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



127

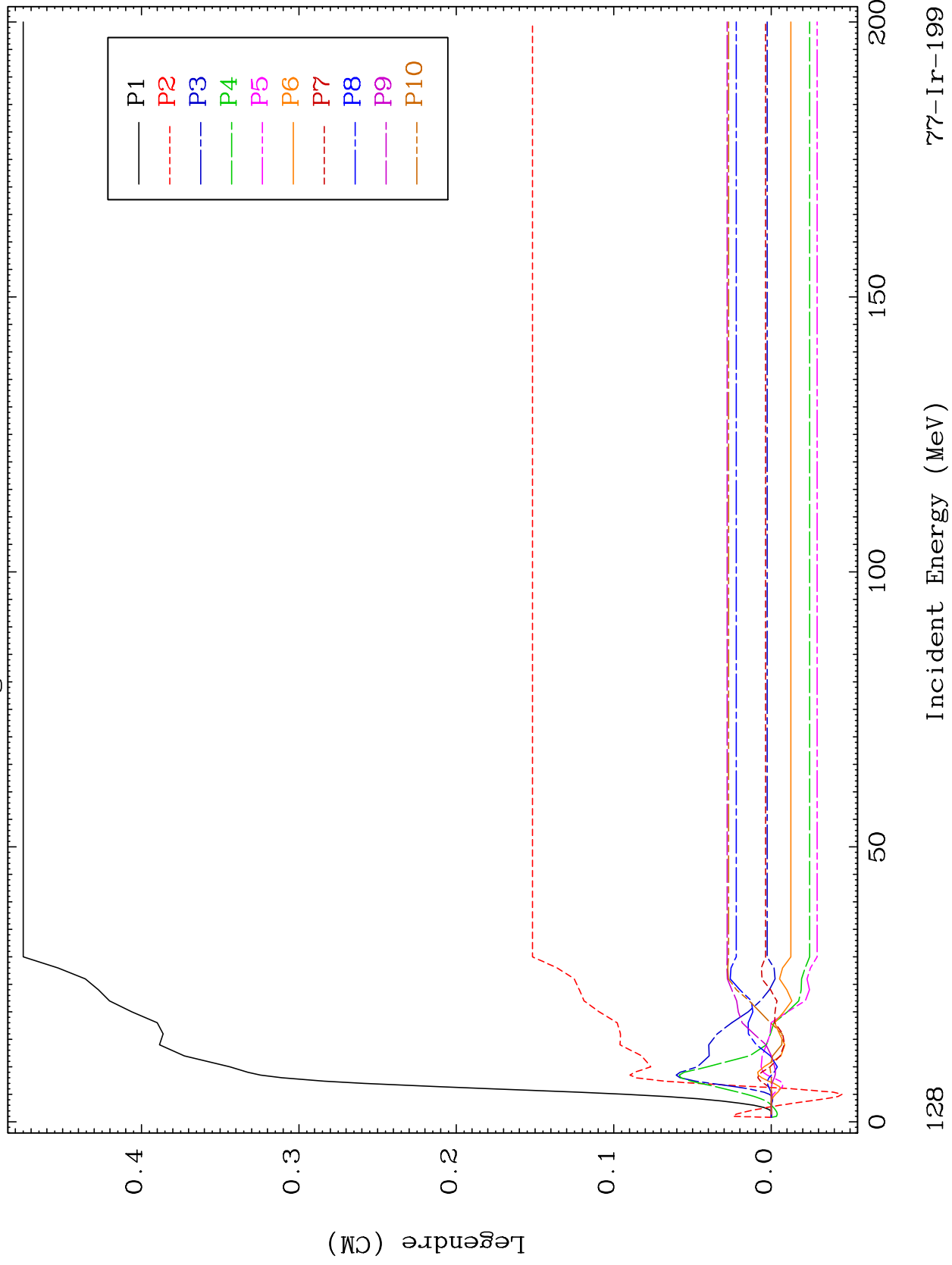
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



77-Ir-199

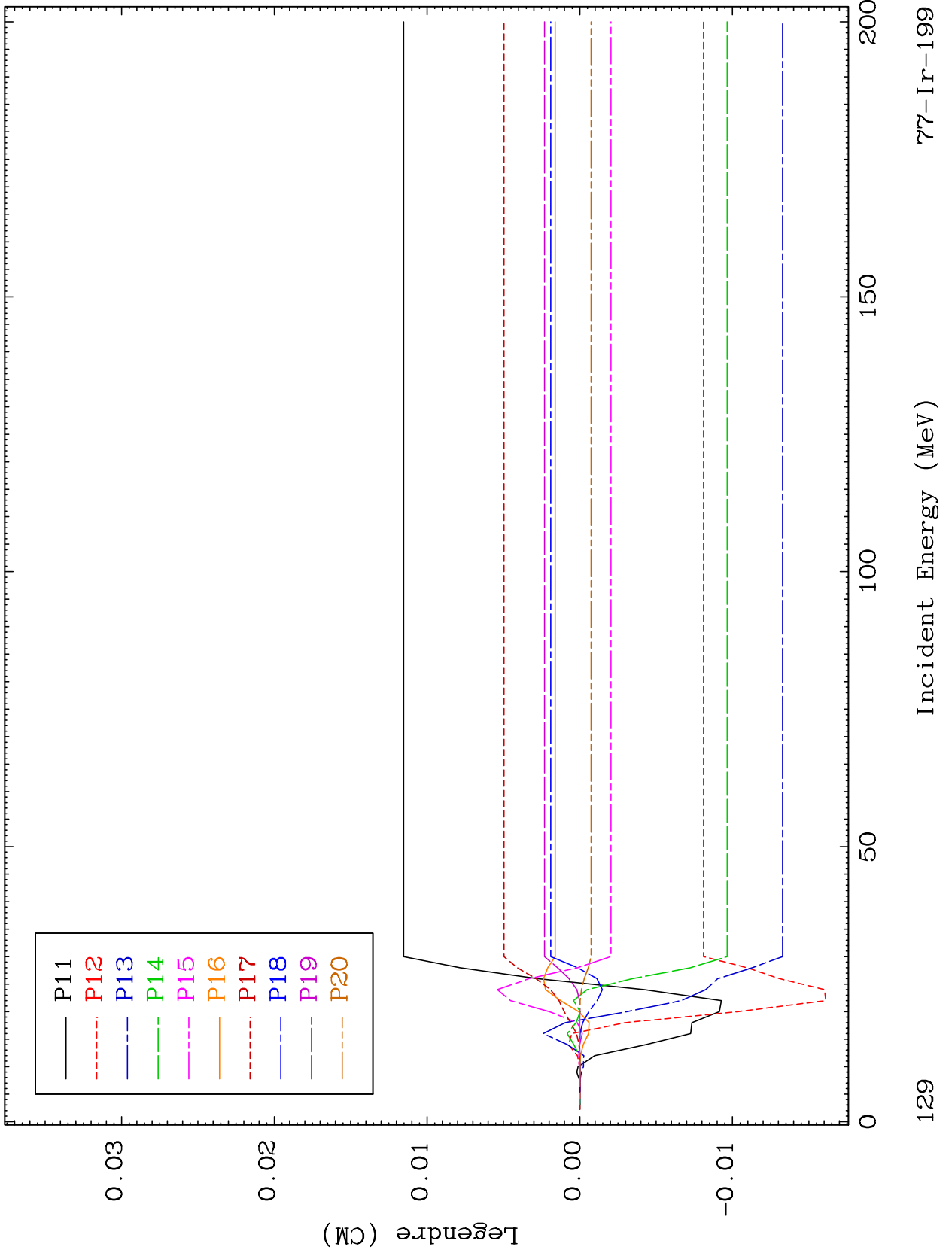
Incident Energy (MeV)

128

MAT 7749

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

77-Ir-199



129

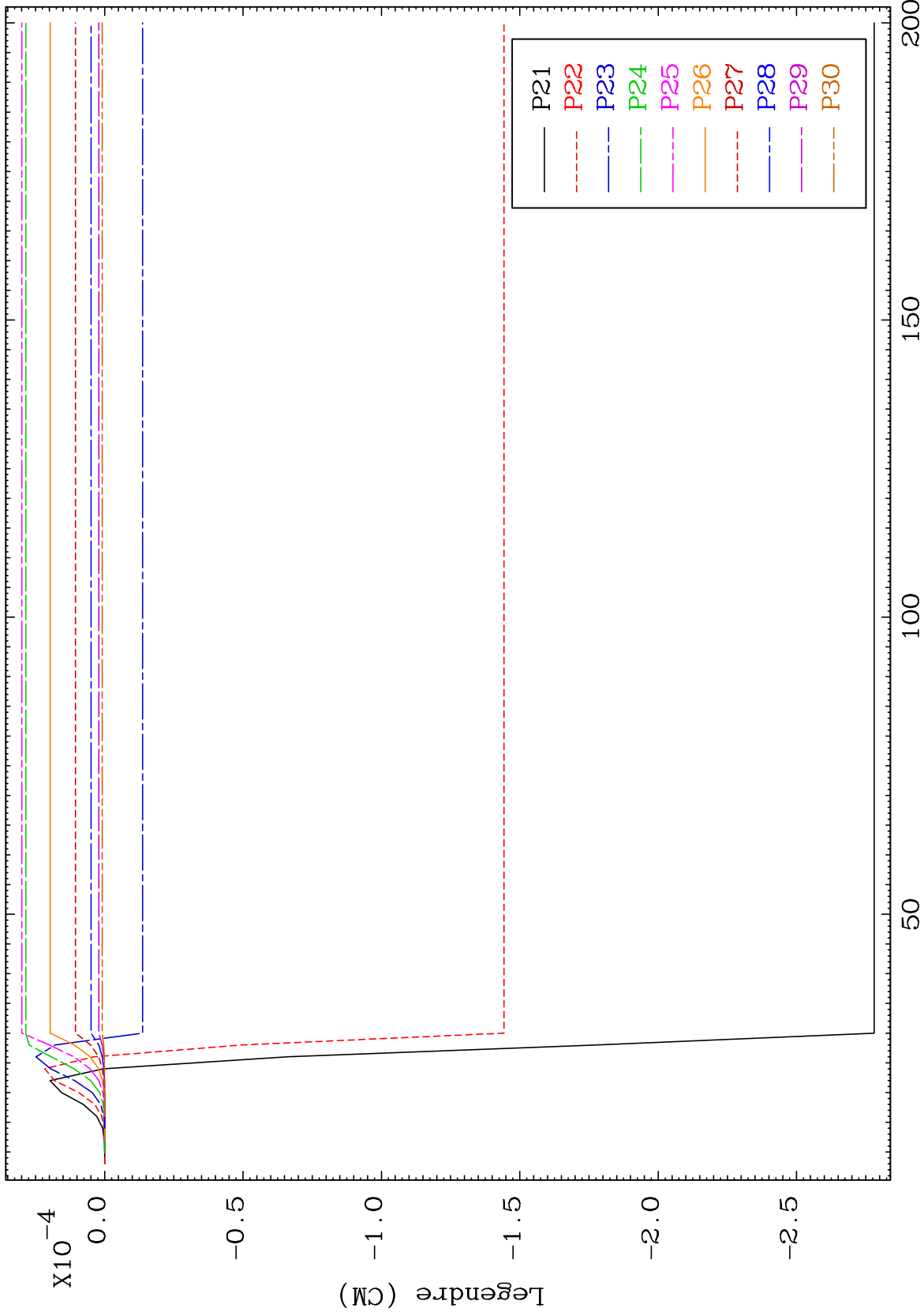
Incident Energy (MeV)

77-Ir-199

MAT 7749

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

77-Ir-199



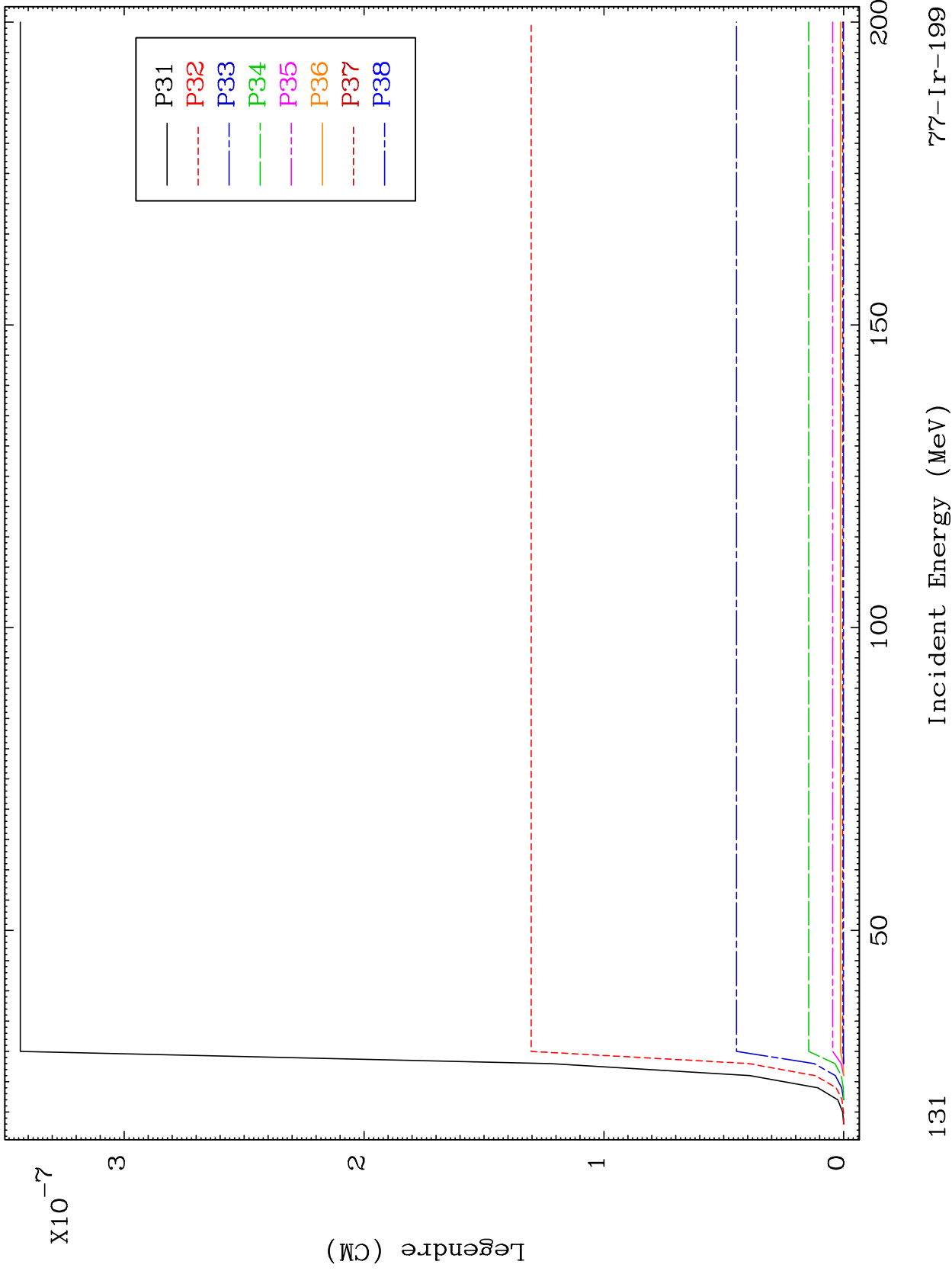
130

77-Ir-199

MAT 7749

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

77-Ir-199

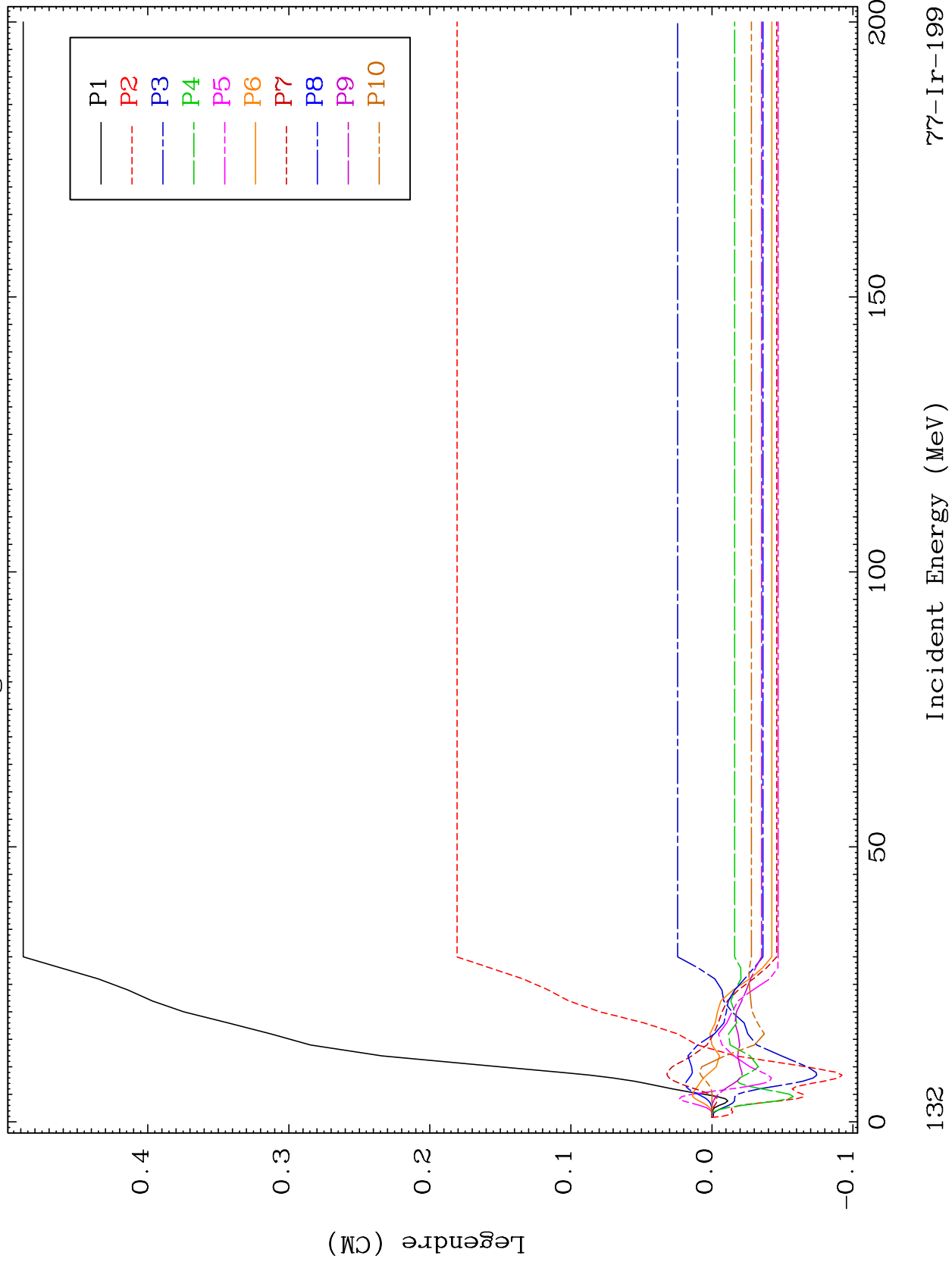


131

MAT 7749

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

77-Ir-199



77-Ir-199

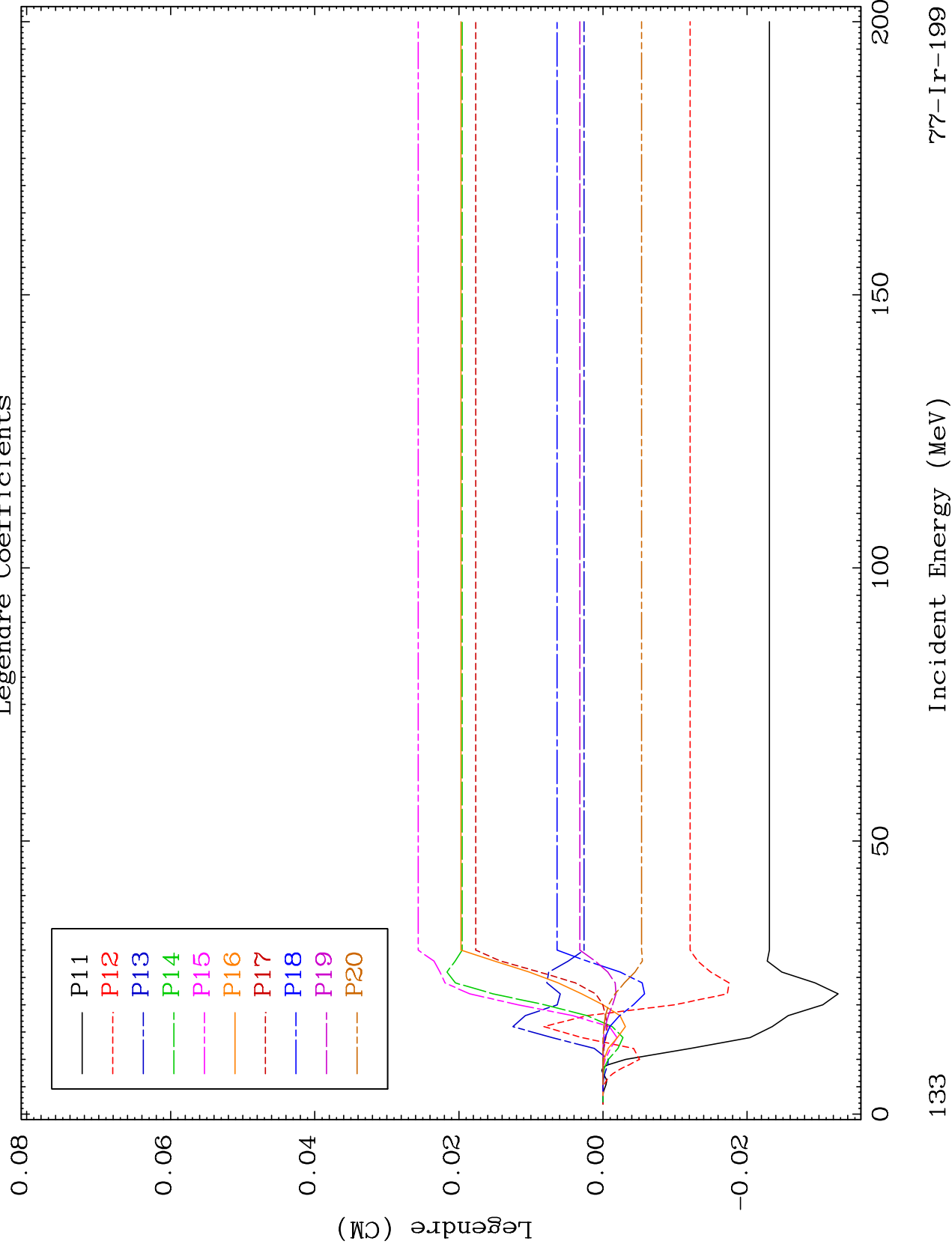
Incident Energy (MeV)

132

MAT 7749

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

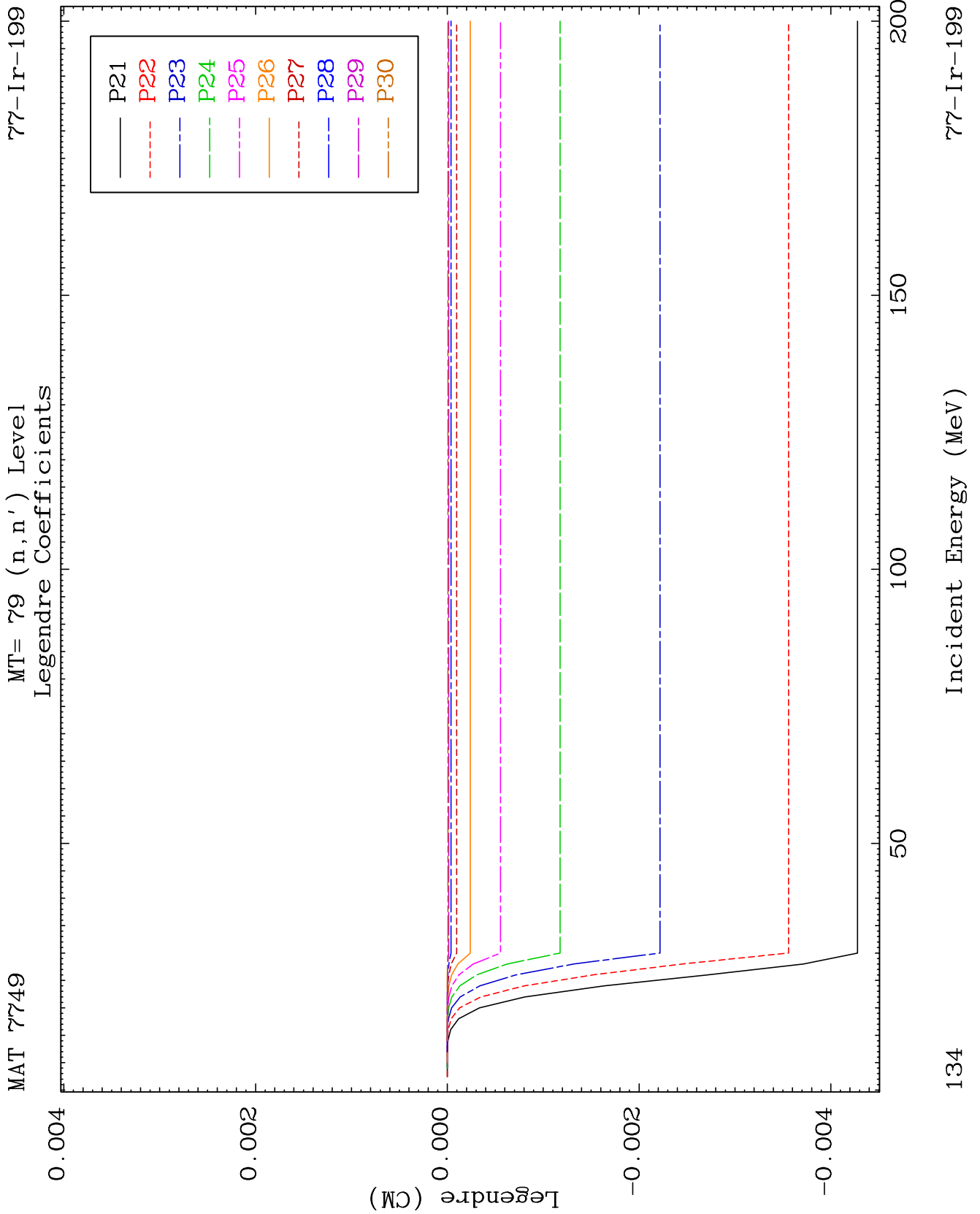
77-Ir-199

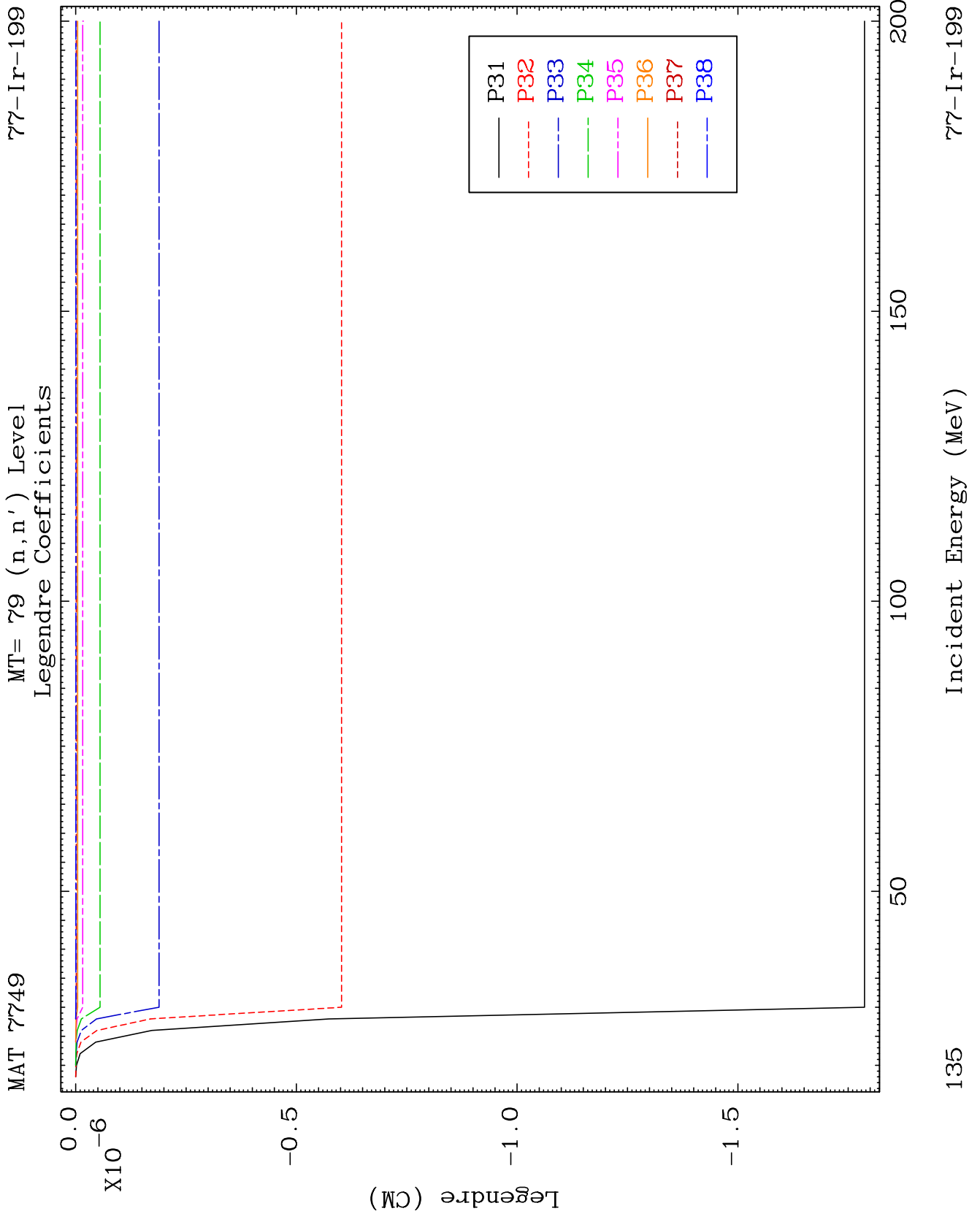


133

Incident Energy (MeV)

77-Ir-199

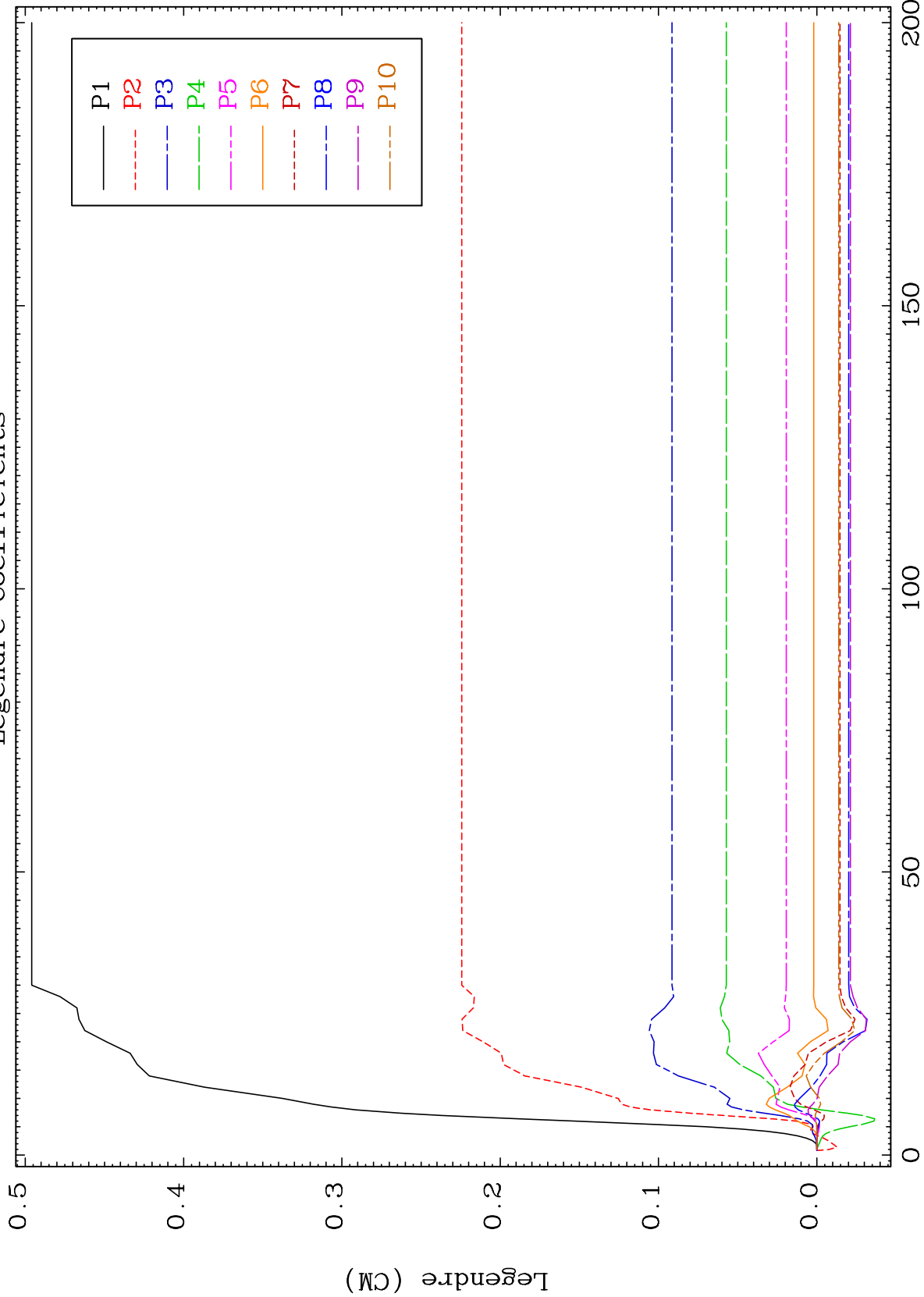




MAT 7749

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

77-Ir-199



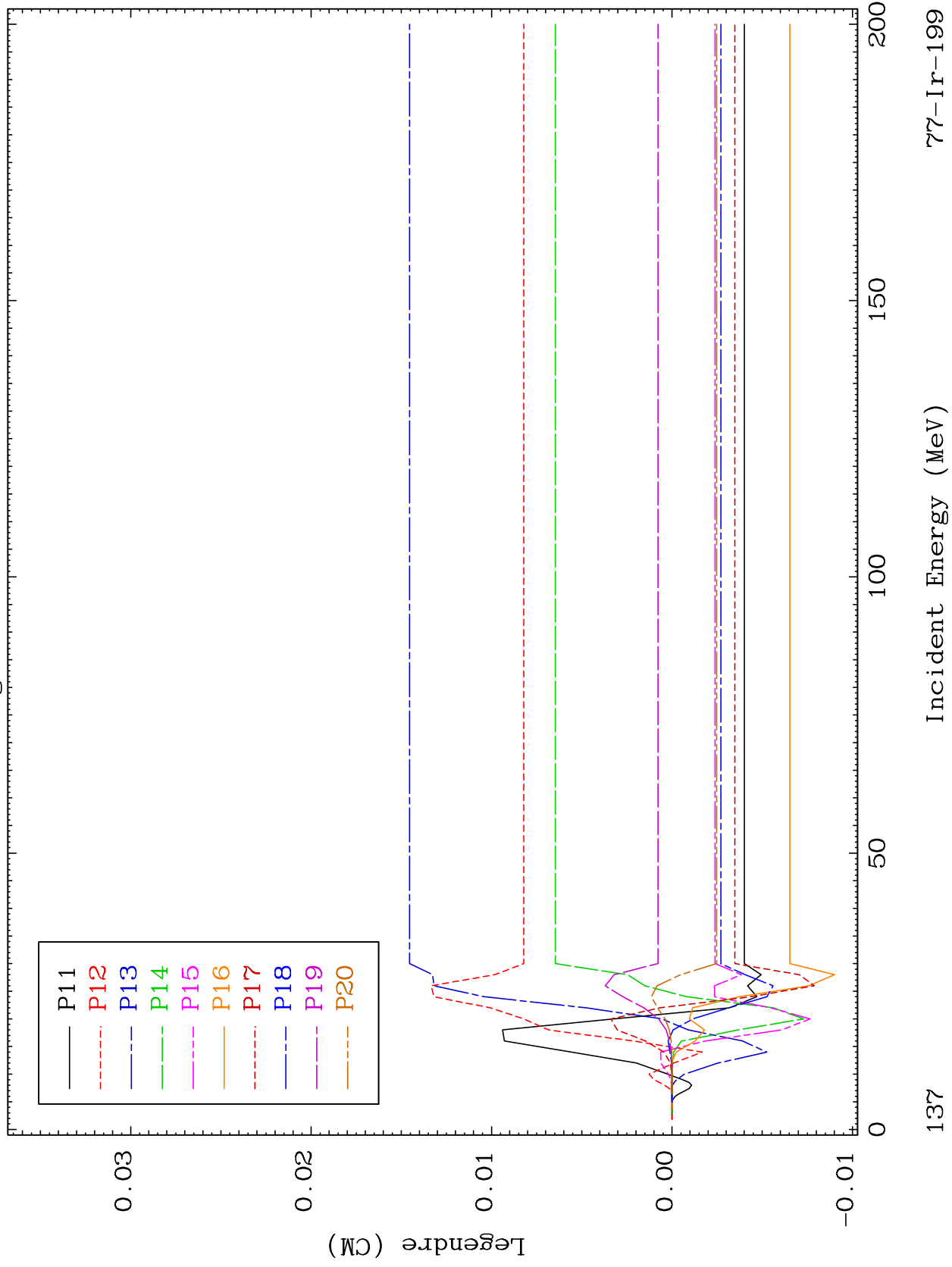
136

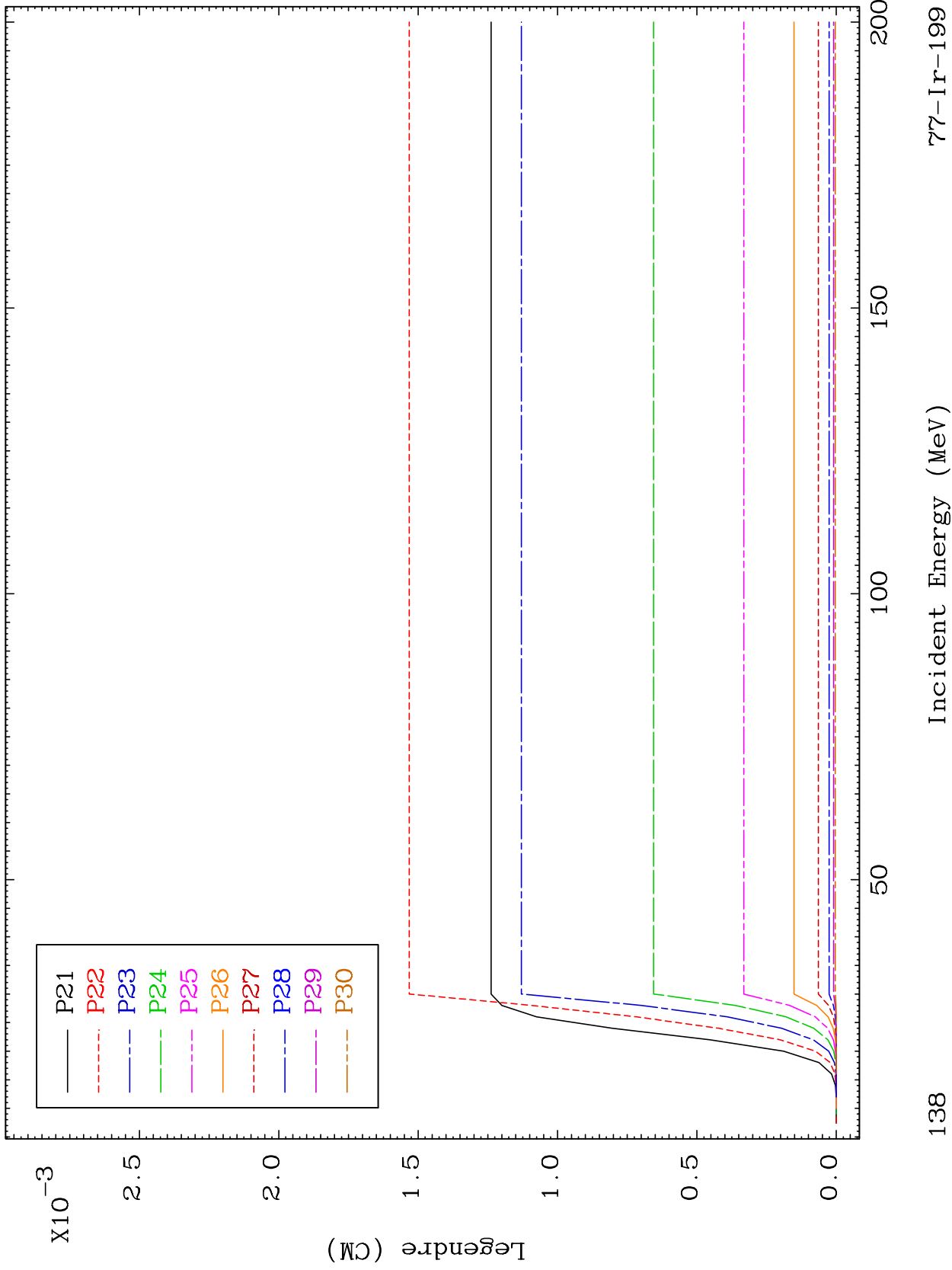
77-Ir-199

MAT 7749

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

77-Ir-199

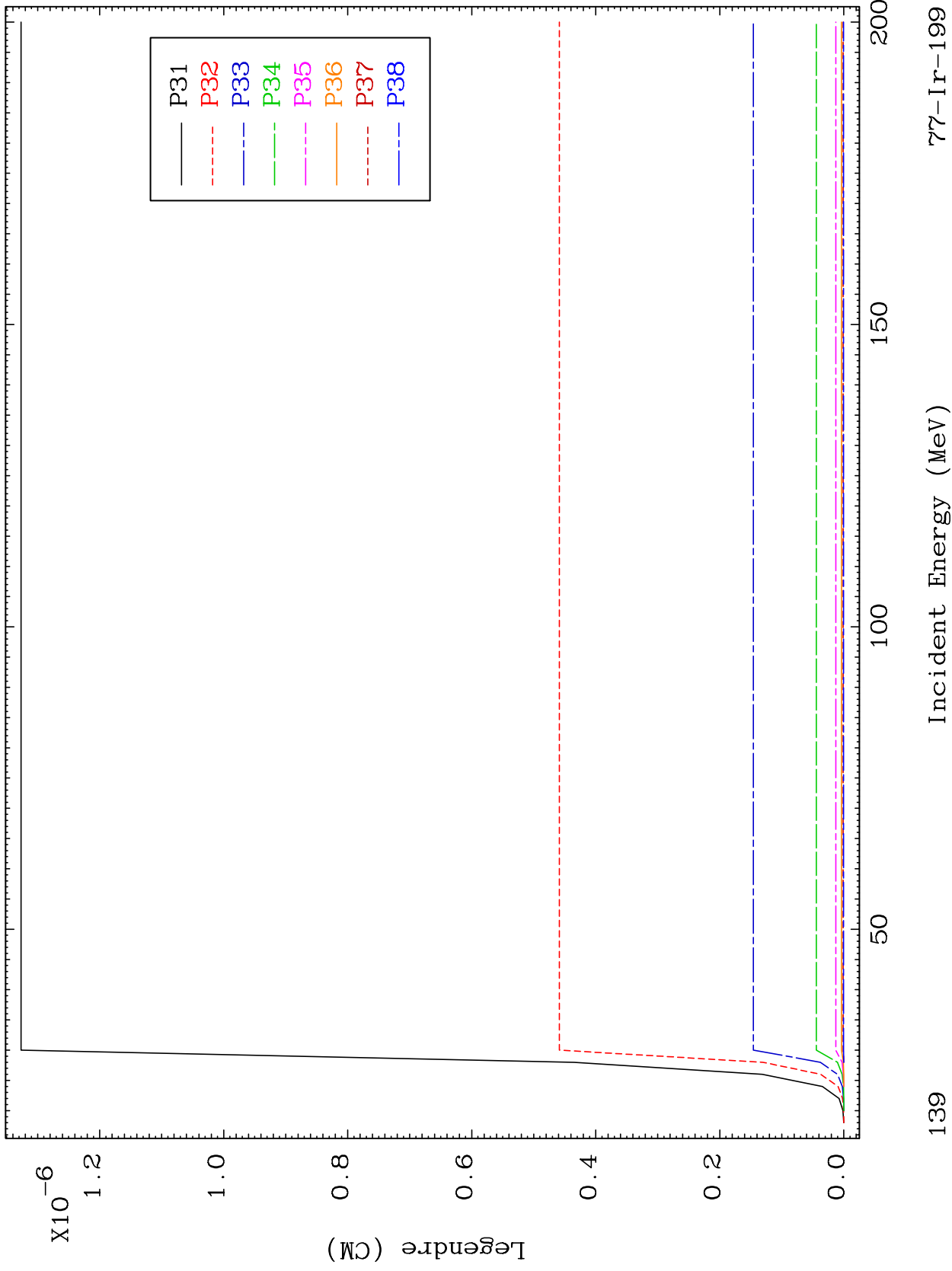




MAT 7749

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

77-Ir-199

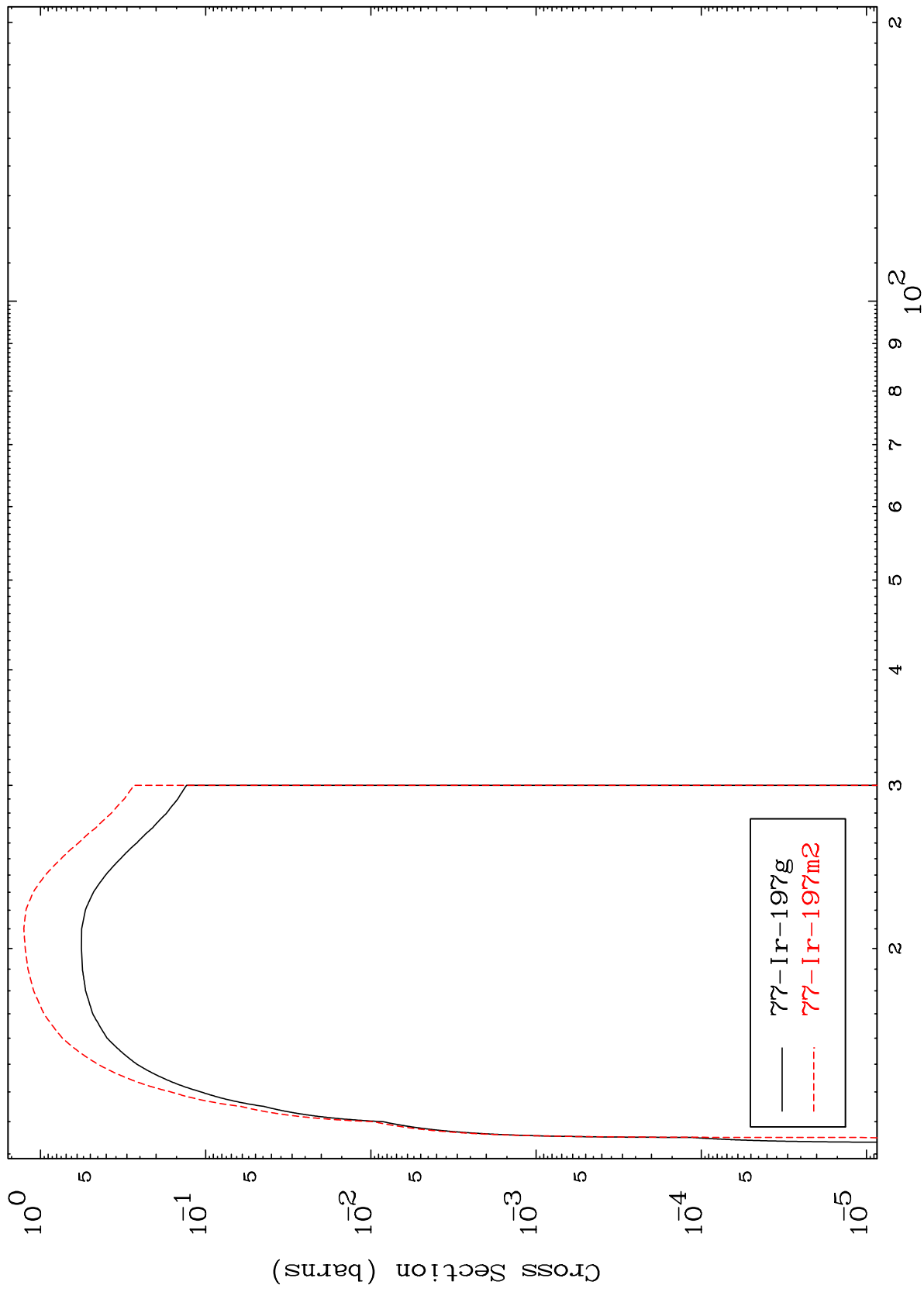


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MAT 7749

77-Ir-199

(n,3n)
Radionuclide Production Cross Section



140

Incident Energy (MeV)

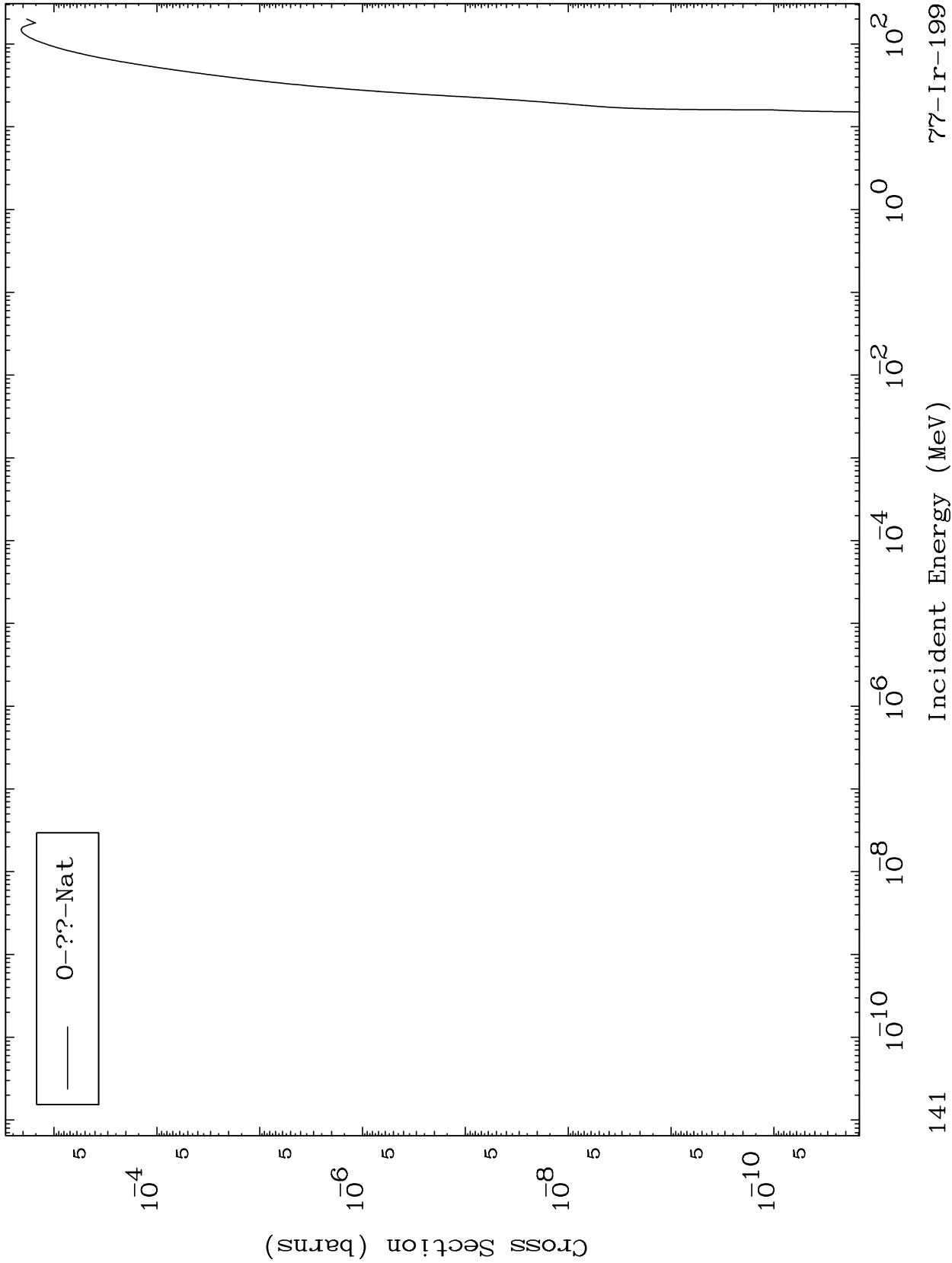
77-Ir-199

MAT 7749

Fission

⁷⁷Ir-199

Radionuclide Production Cross Section



141

Incident Energy (MeV)

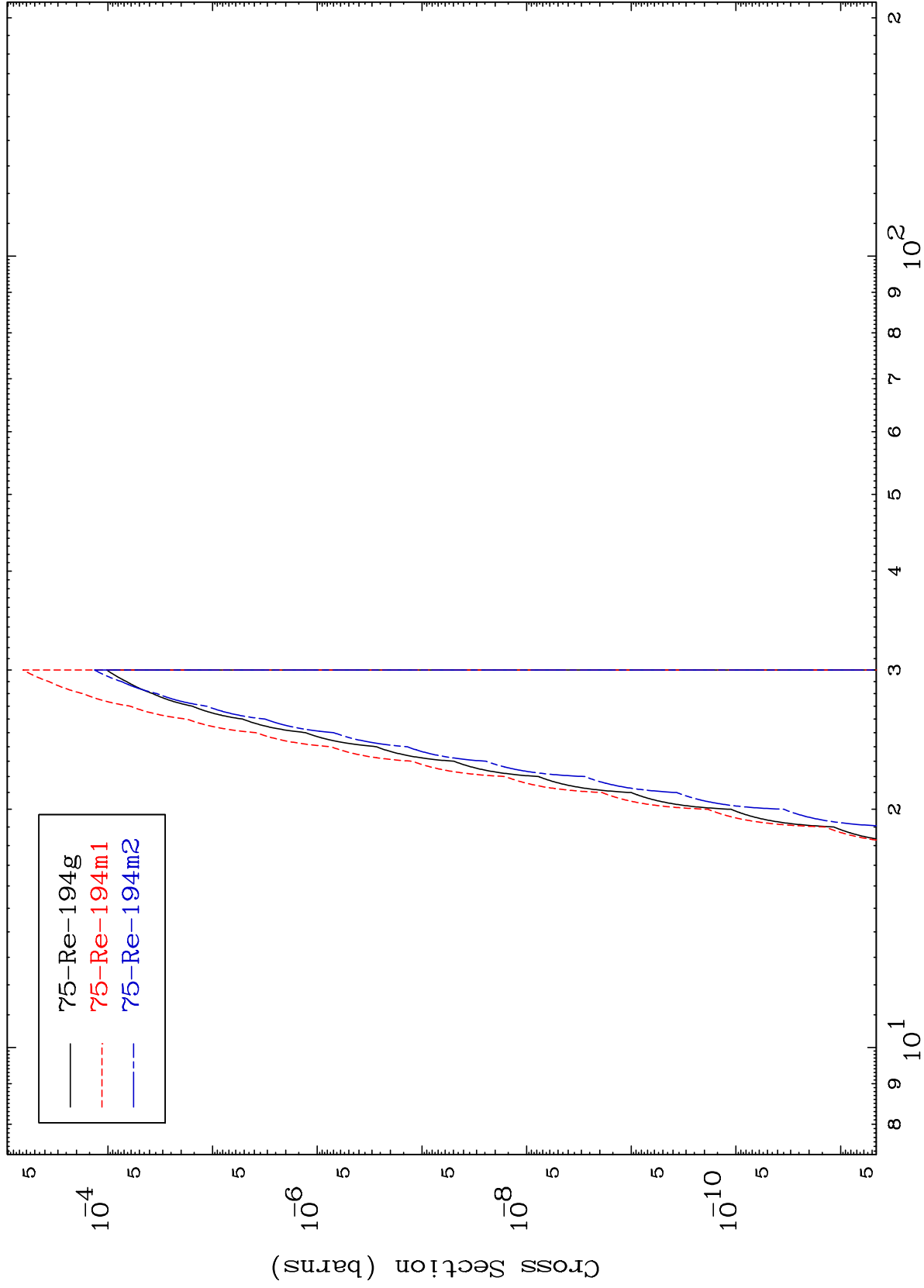
⁷⁷Ir-199

MAT 7749

$(n,2n) \alpha$

$^{77}\text{Ir-199}$

Radionuclide Production Cross Section



142

Incident Energy (MeV)

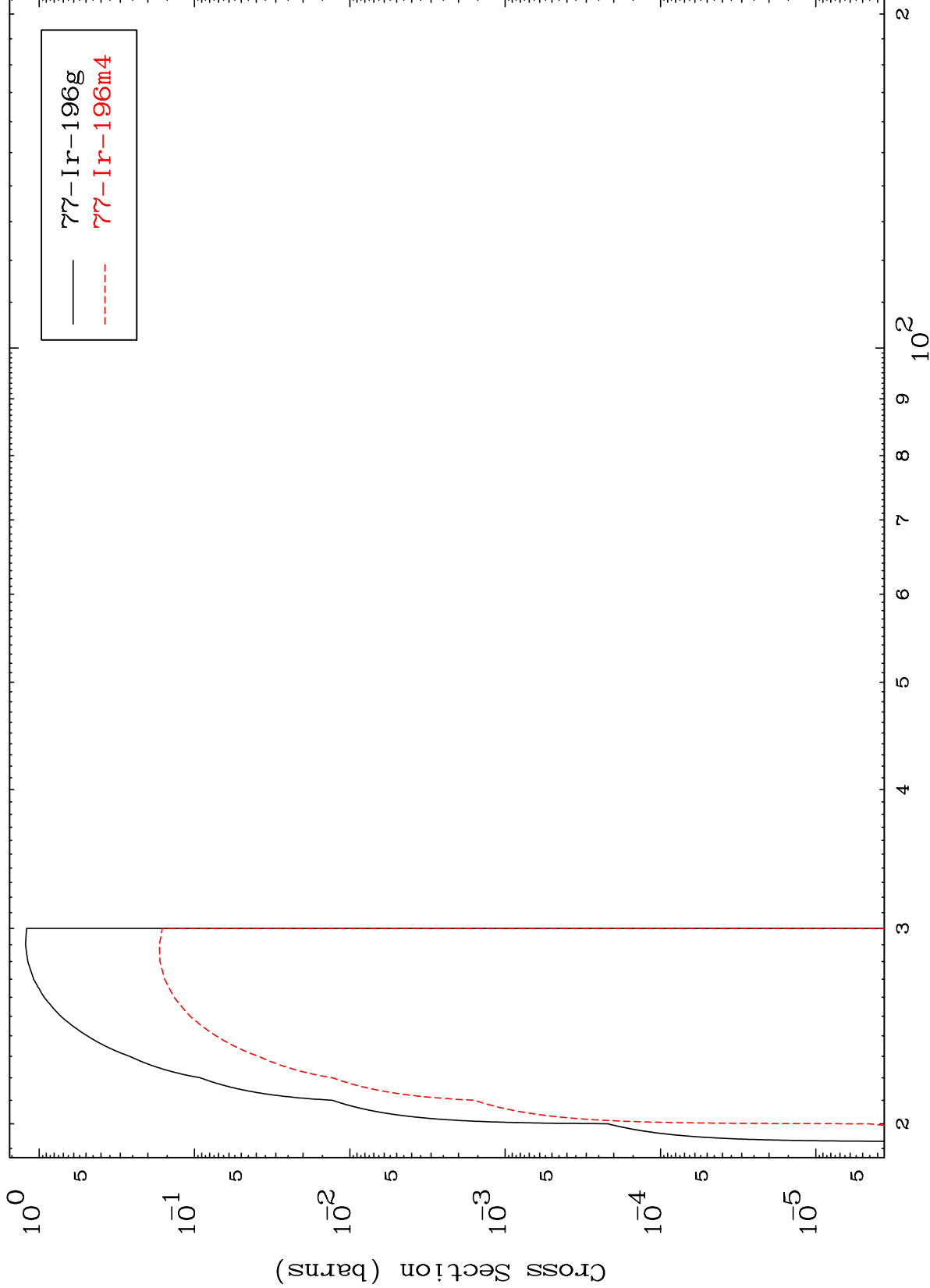
$^{77}\text{Ir-199}$

MAT 7749

(n,4n)

77-Ir-199

Radionuclide Production Cross Section



143

Incident Energy (MeV)

77-Ir-199