

Program EVALPLOT
(Version 2018-1)

by

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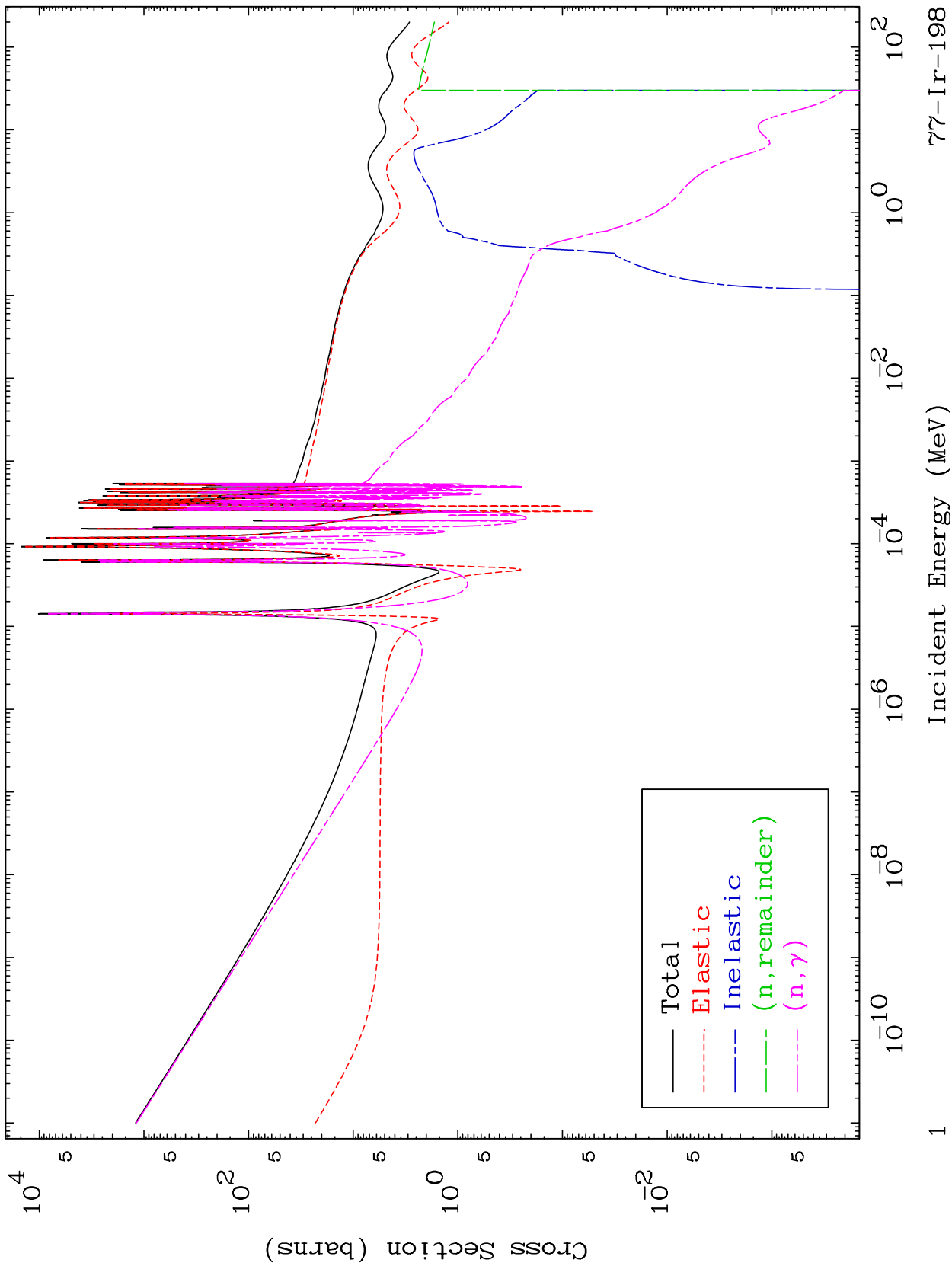
Press Mouse Button to Start

MAT 7746

Major

293 Kelvin Cross Sections

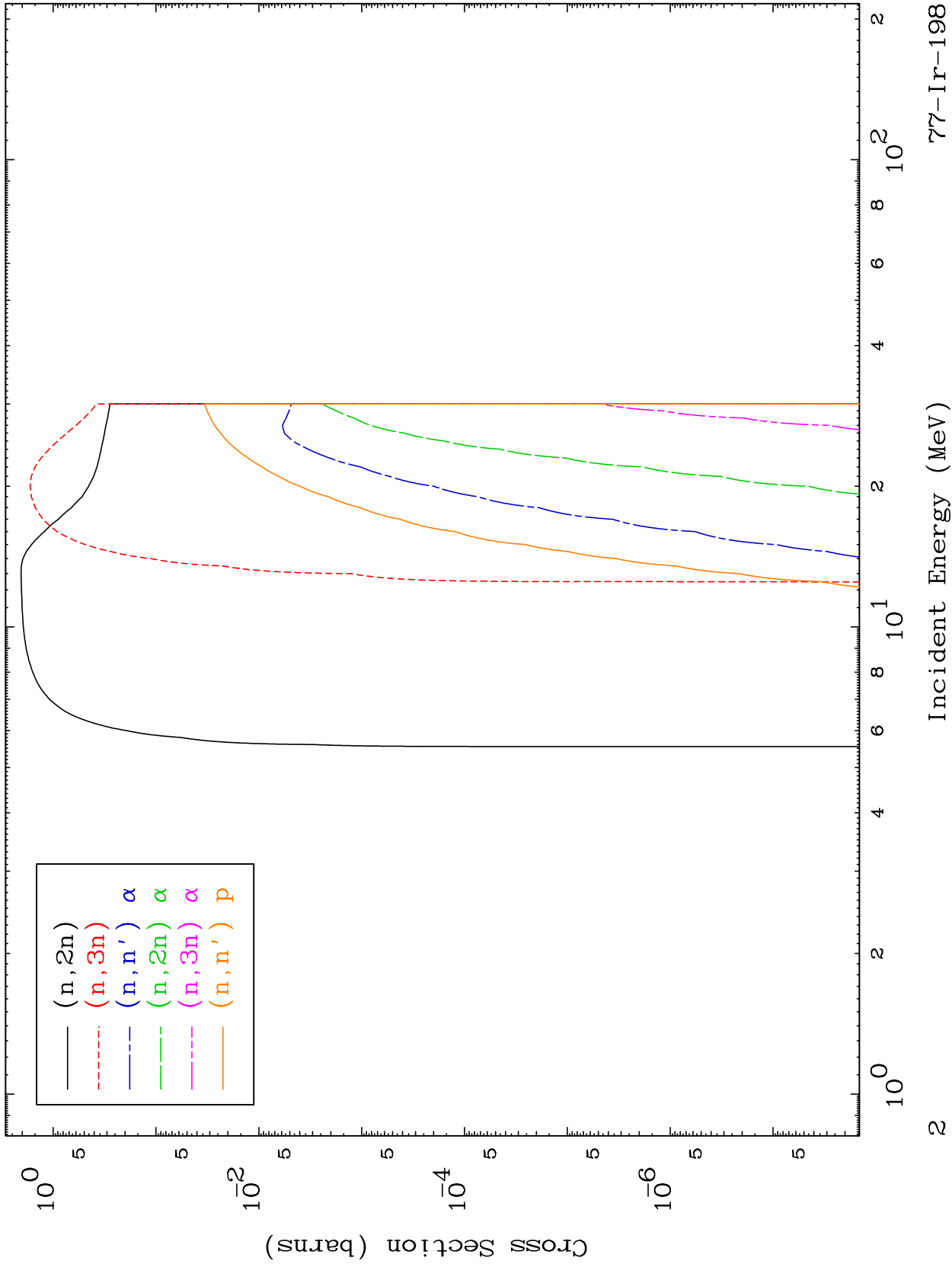
77-Ir-198

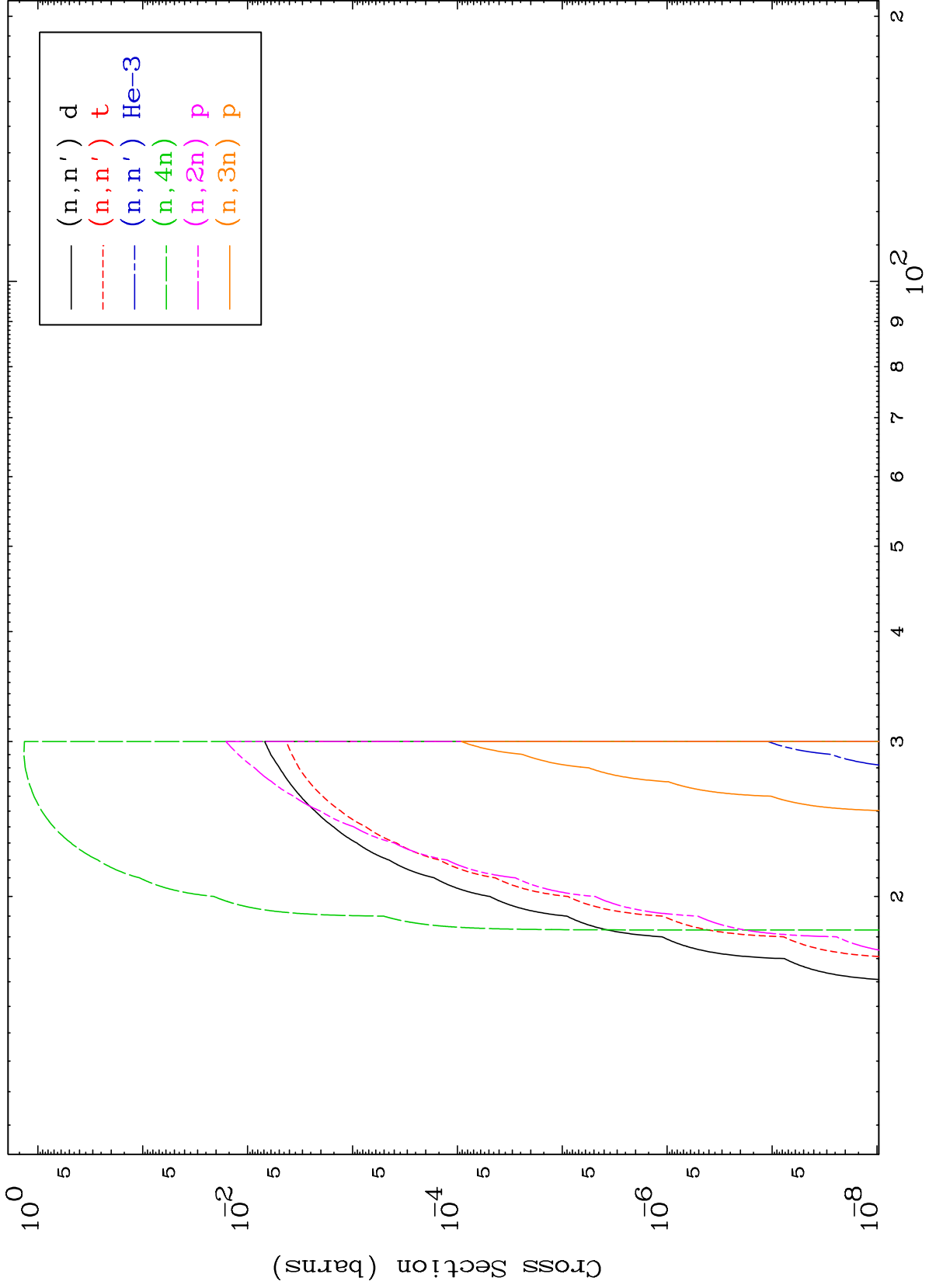


MAT 7746

Neutron Production
293 Kelvin Cross Sections

77-Ir-198

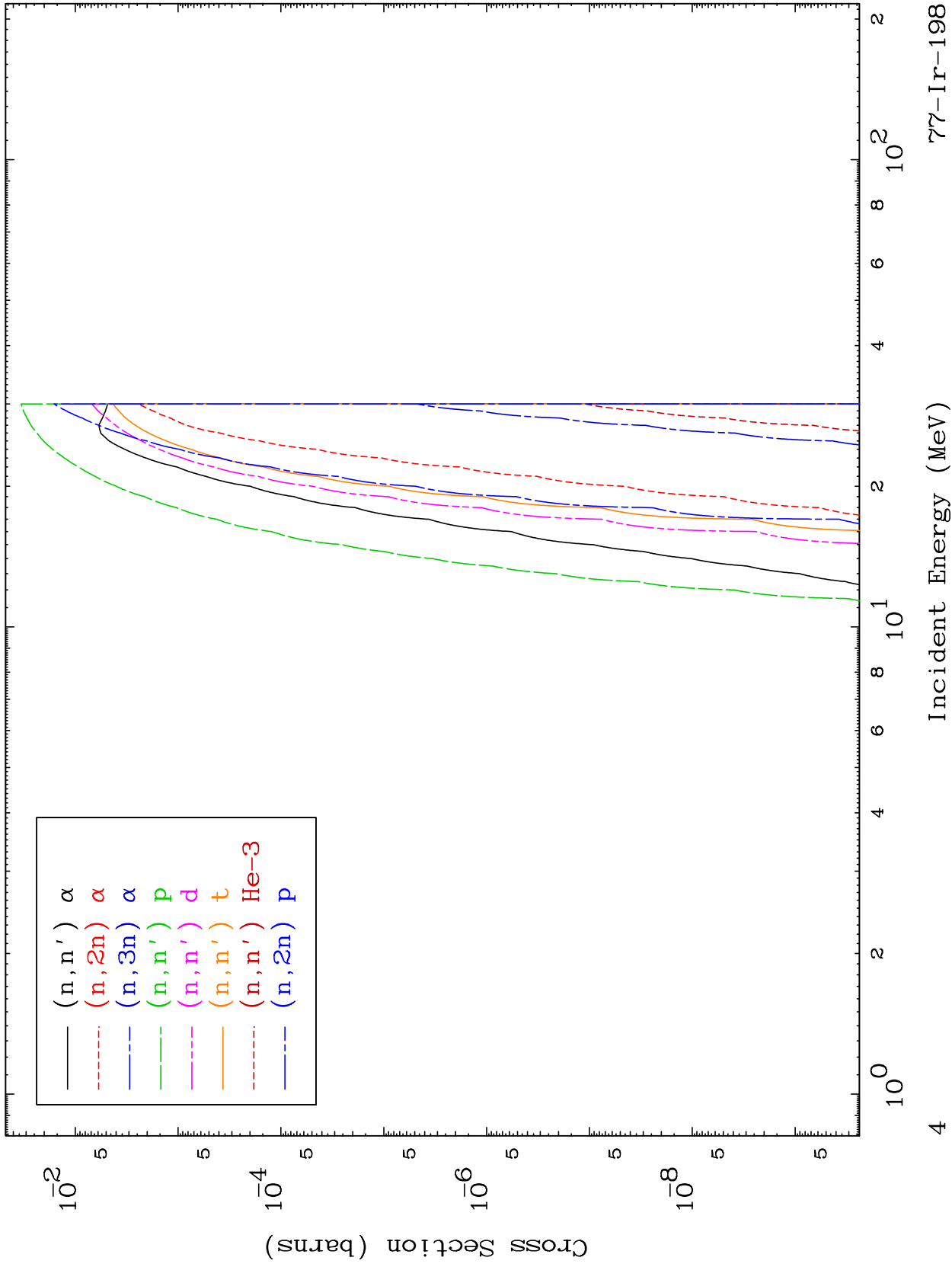




MAT 7746

Charged Particle
293 Kelvin Cross Sections

77-Ir-198



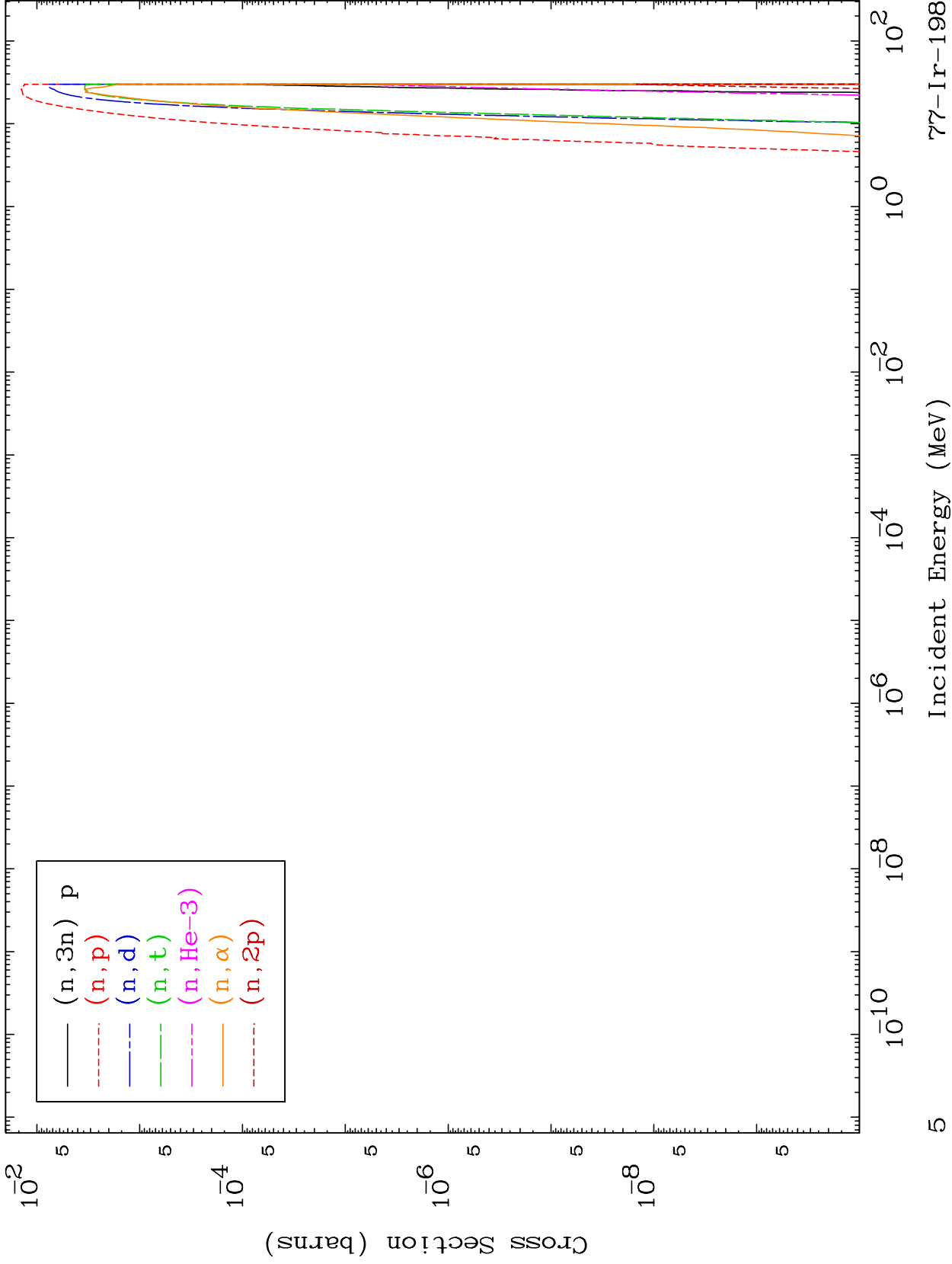
4

77-Ir-198

MAT 7746

Charged Particle
293 Kelvin Cross Sections

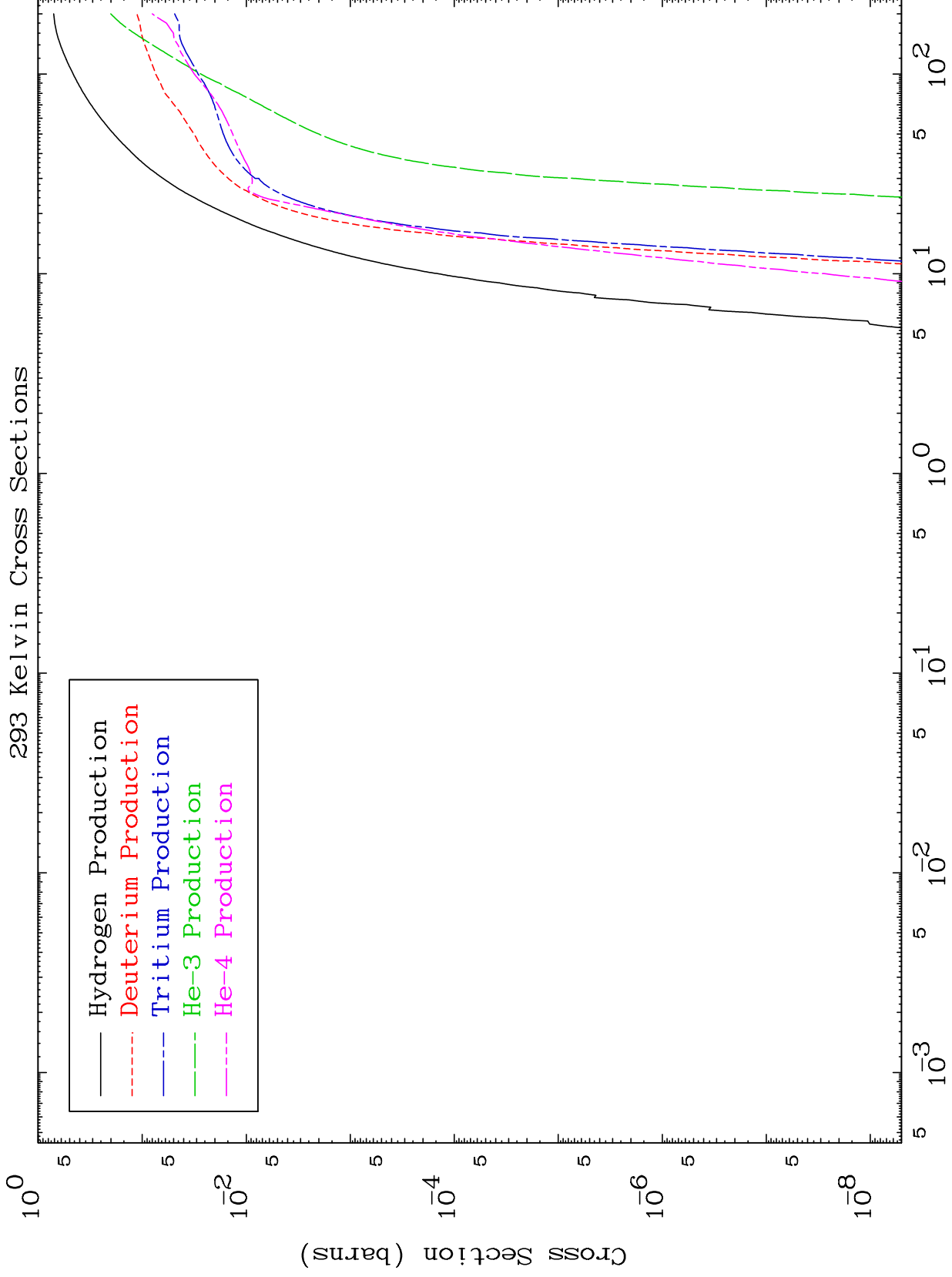
77-Ir-198



MAT 7746

Particle Production
293 Kelvin Cross Sections

77-Ir-198

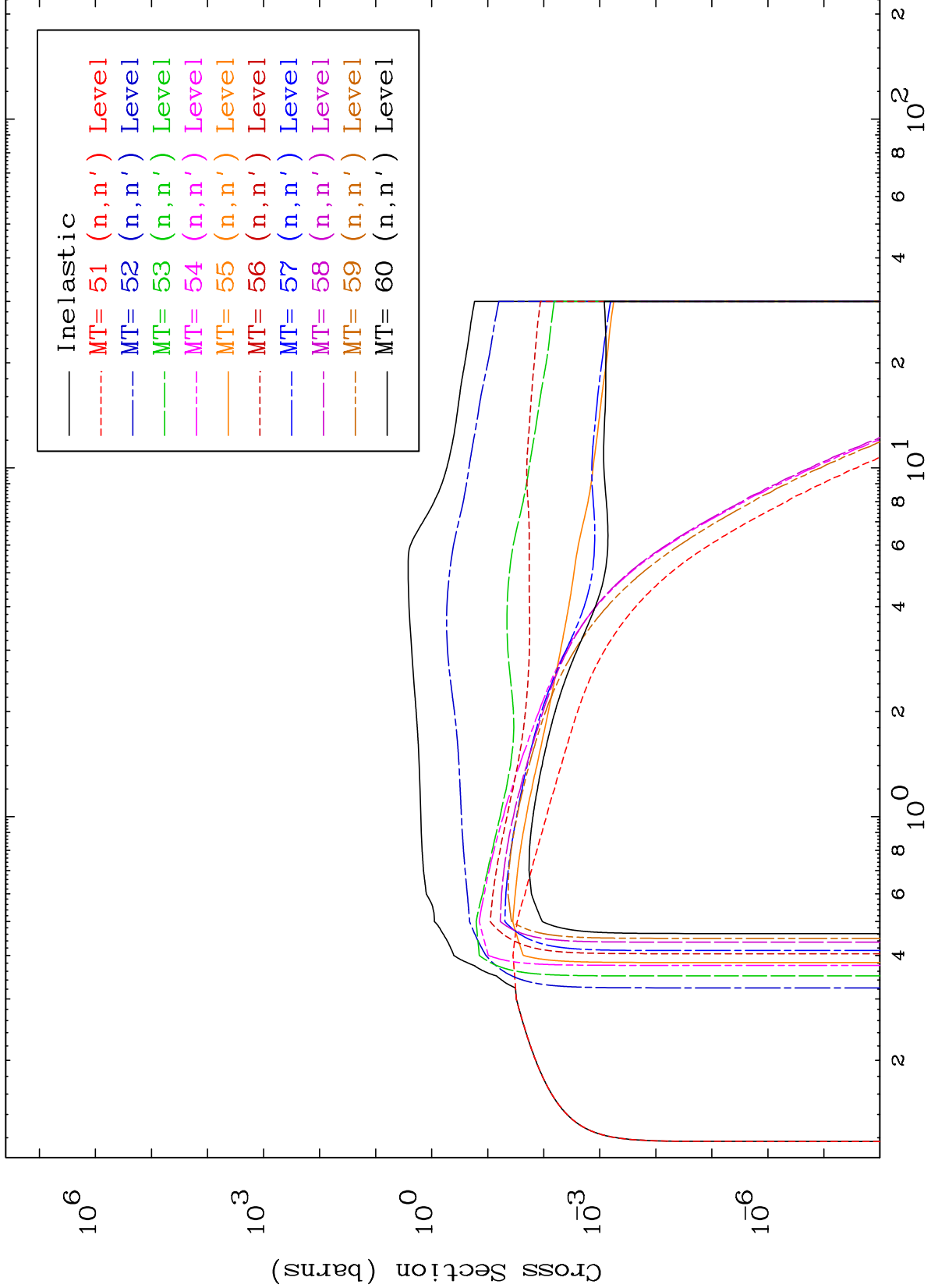


Incident Energy (MeV)

77-Ir-198

6

293 Kelvin Cross Sections

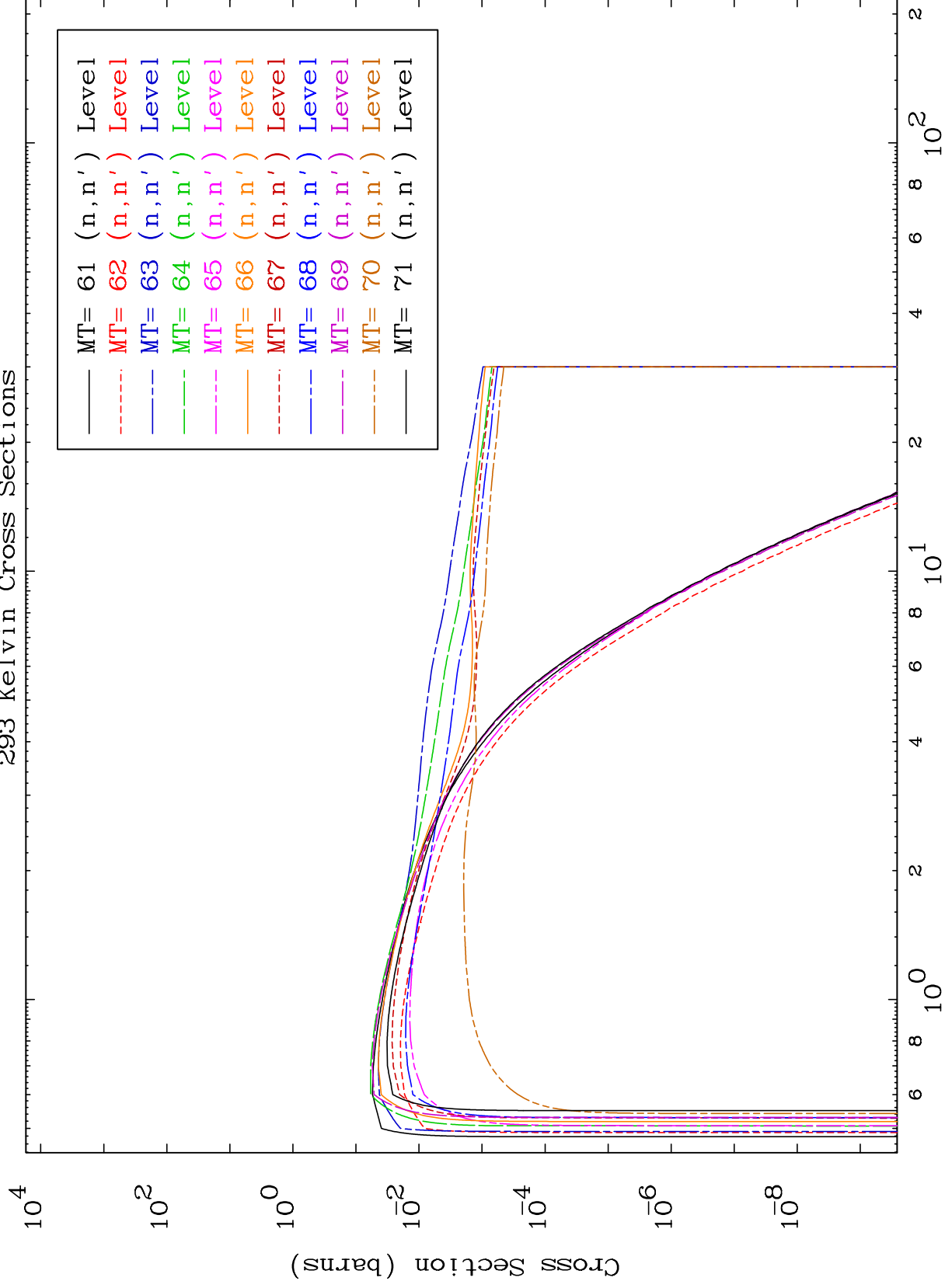


MAT 7746

(n,n') Level

293 Kelvin Cross Sections

77-Ir-198

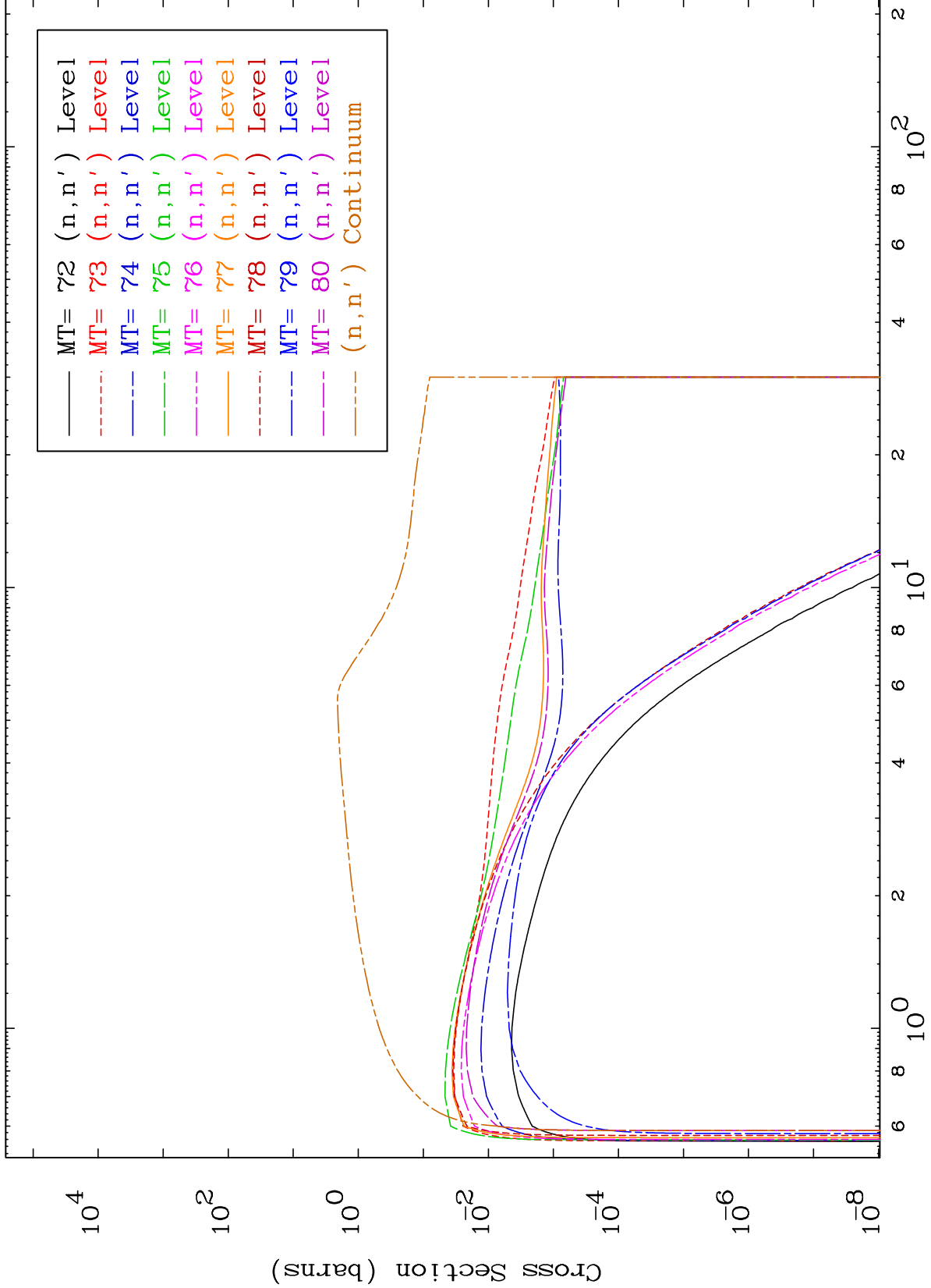


8

Incident Energy (MeV)

77-Ir-198

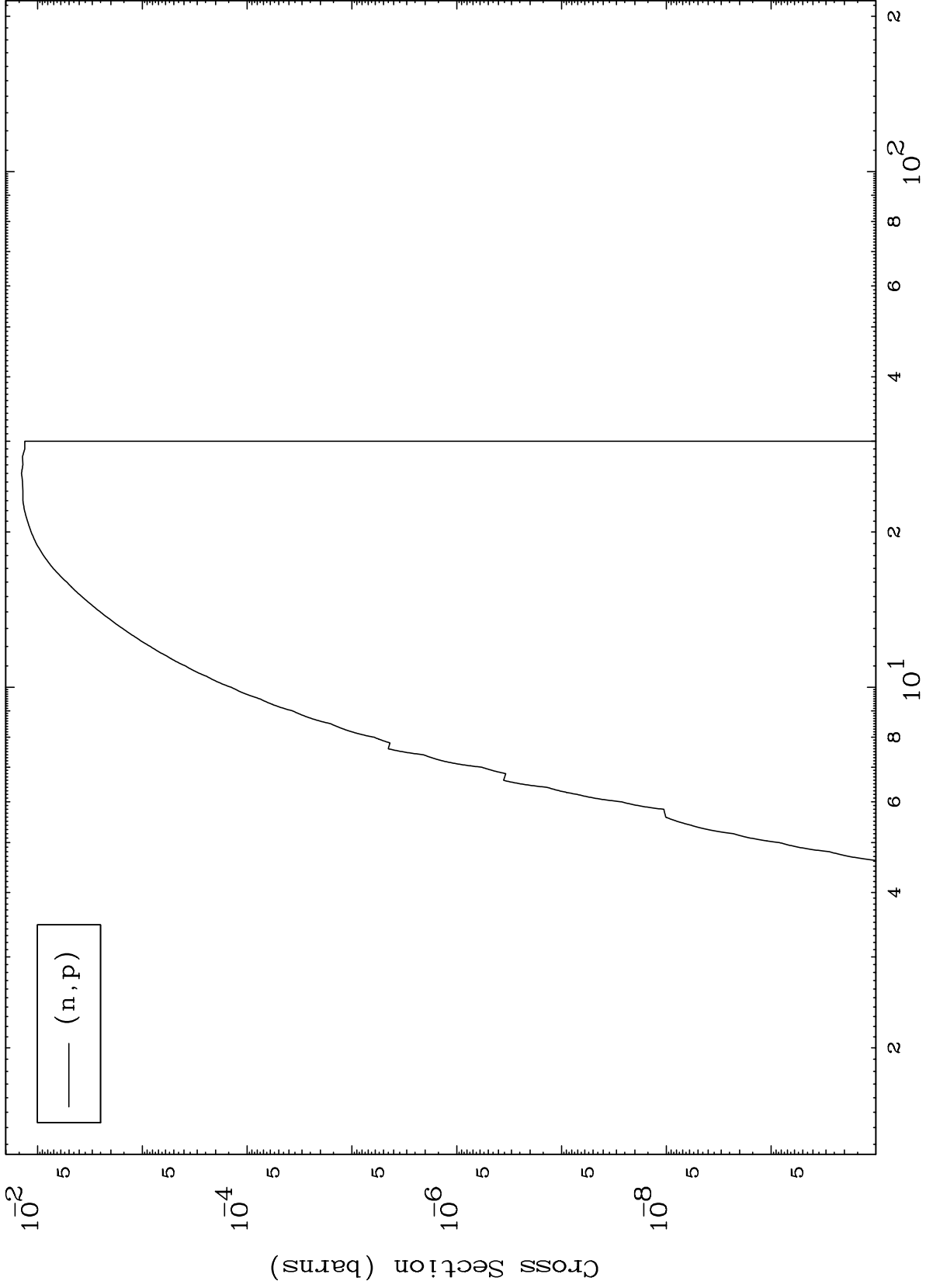
293 Kelvin Cross Sections



MAT 7746

(n,p) Levels
293 Kelvin Cross Sections

⁷⁷Ir-198



10

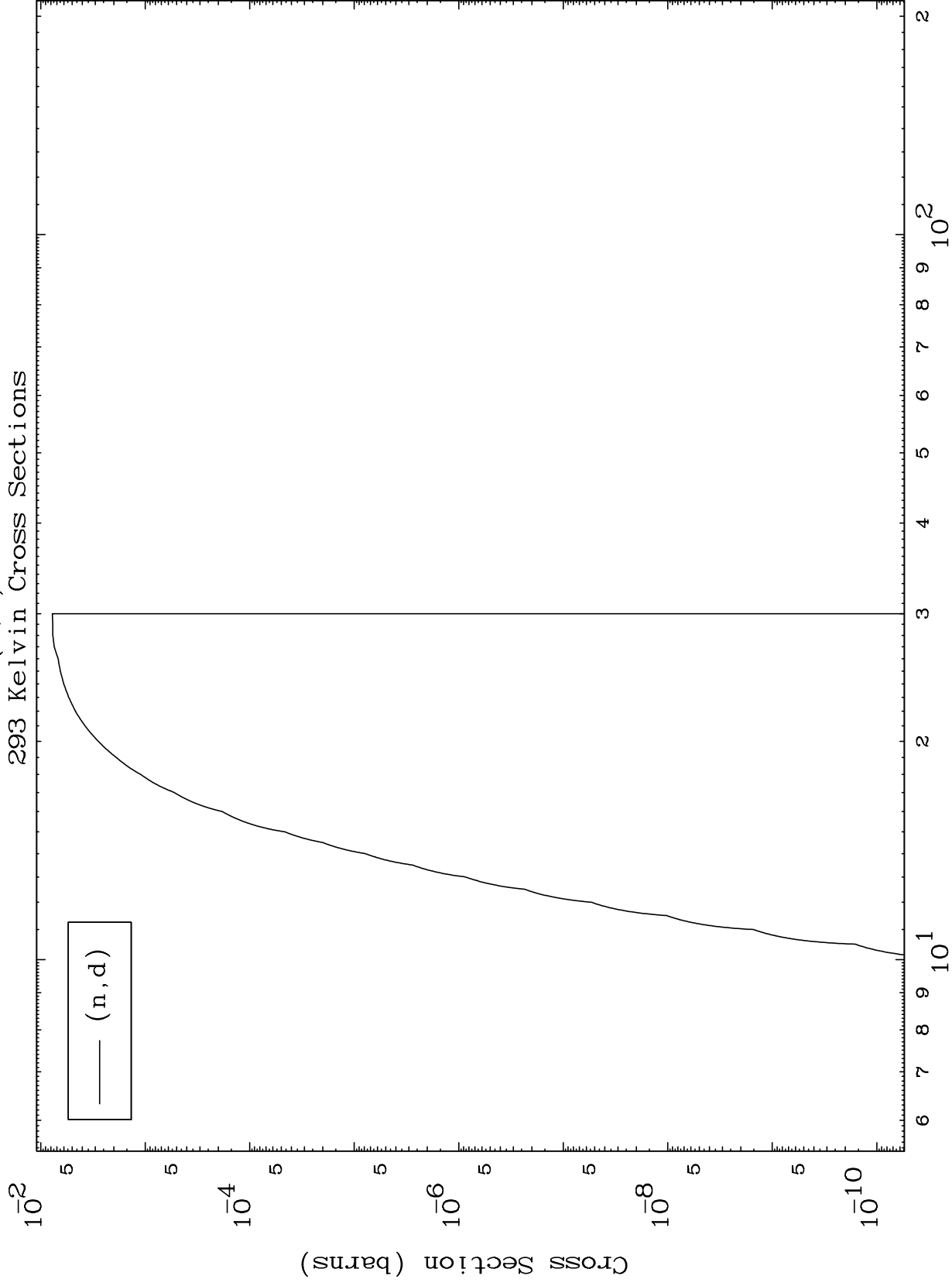
Incident Energy (MeV)

⁷⁷Ir-198

MAT 7746

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-198



11

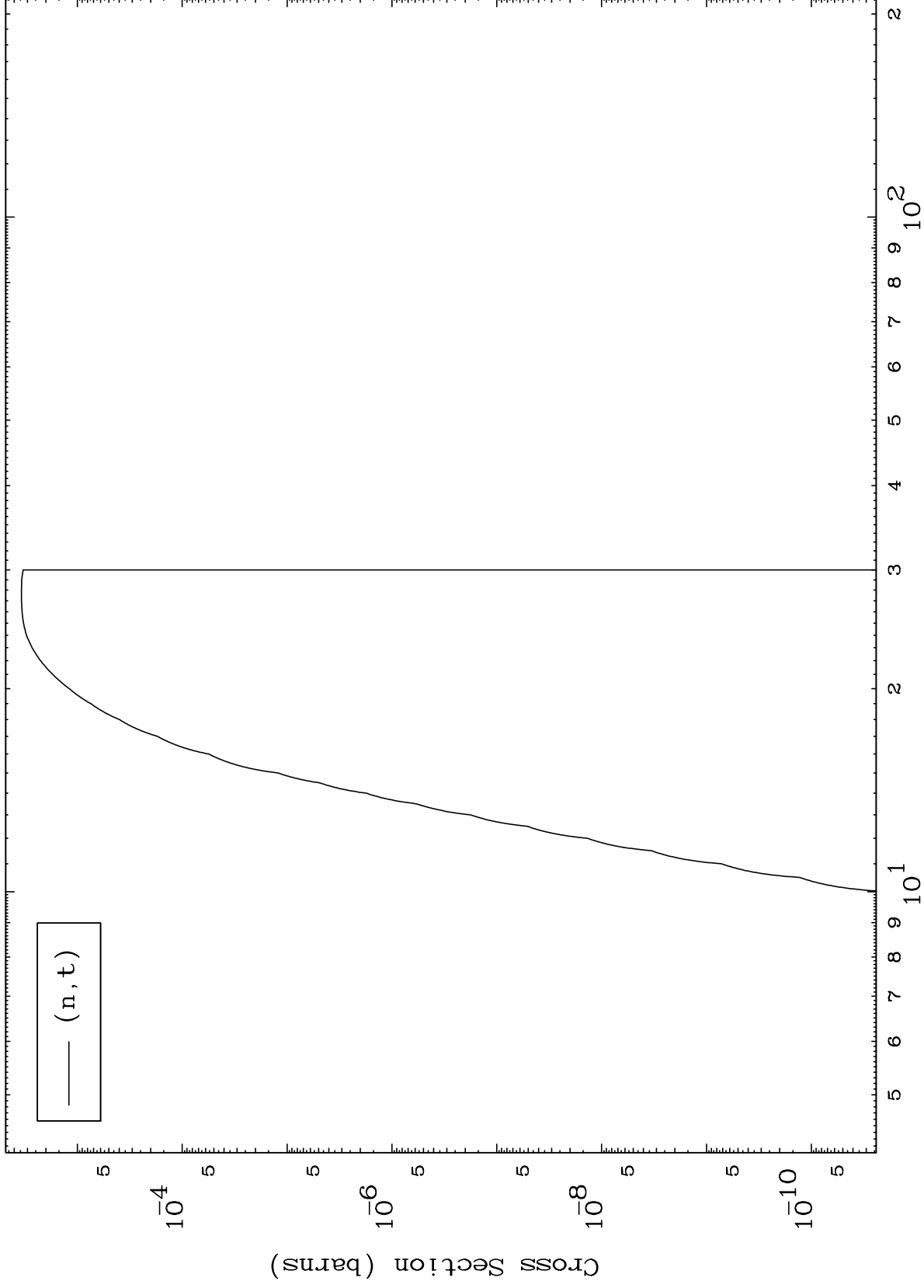
Incident Energy (MeV)

77-Ir-198

MAT 7746

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-198



12

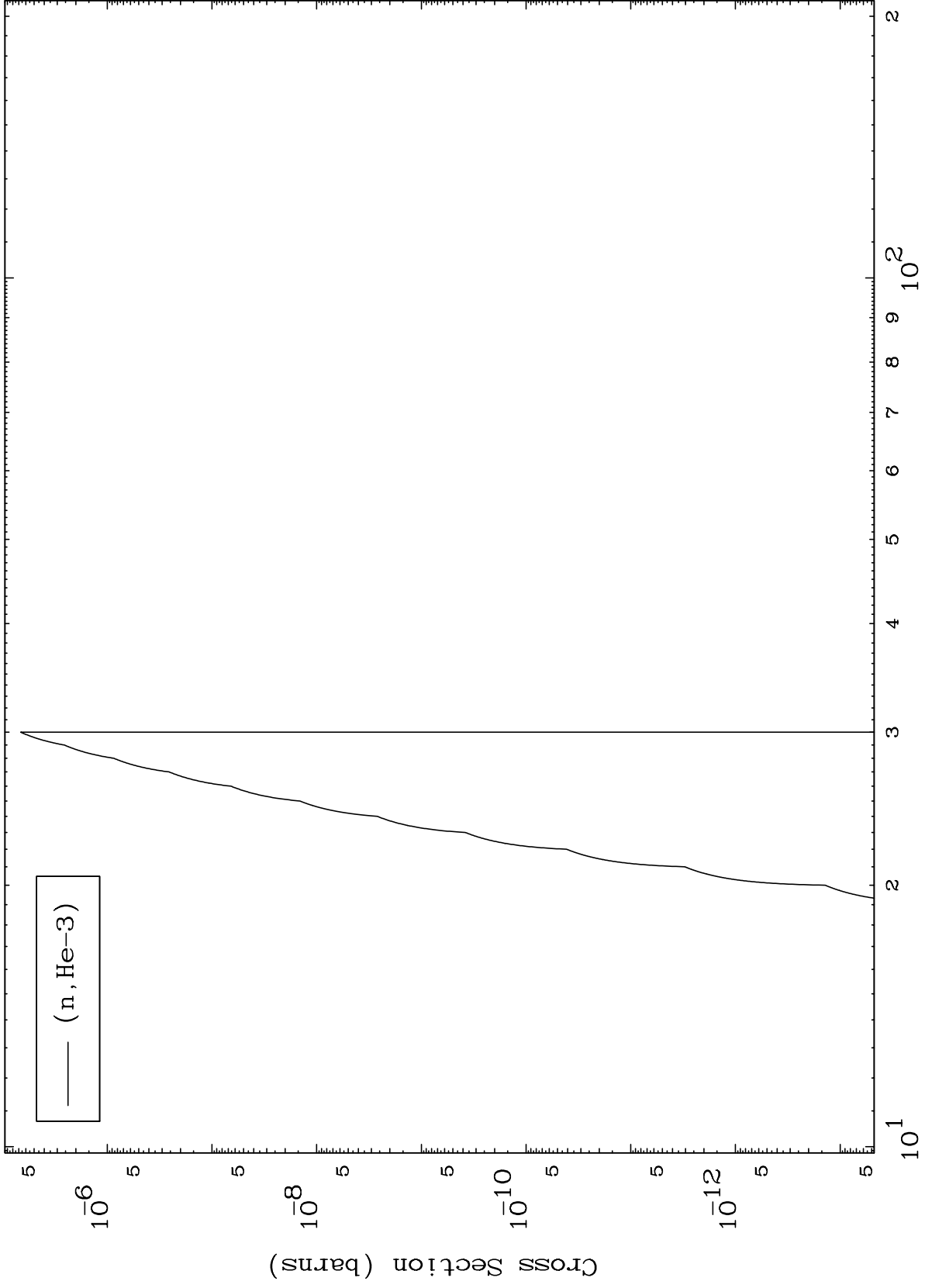
Incident Energy (MeV)

77-Ir-198

MAT 7746

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-198



13

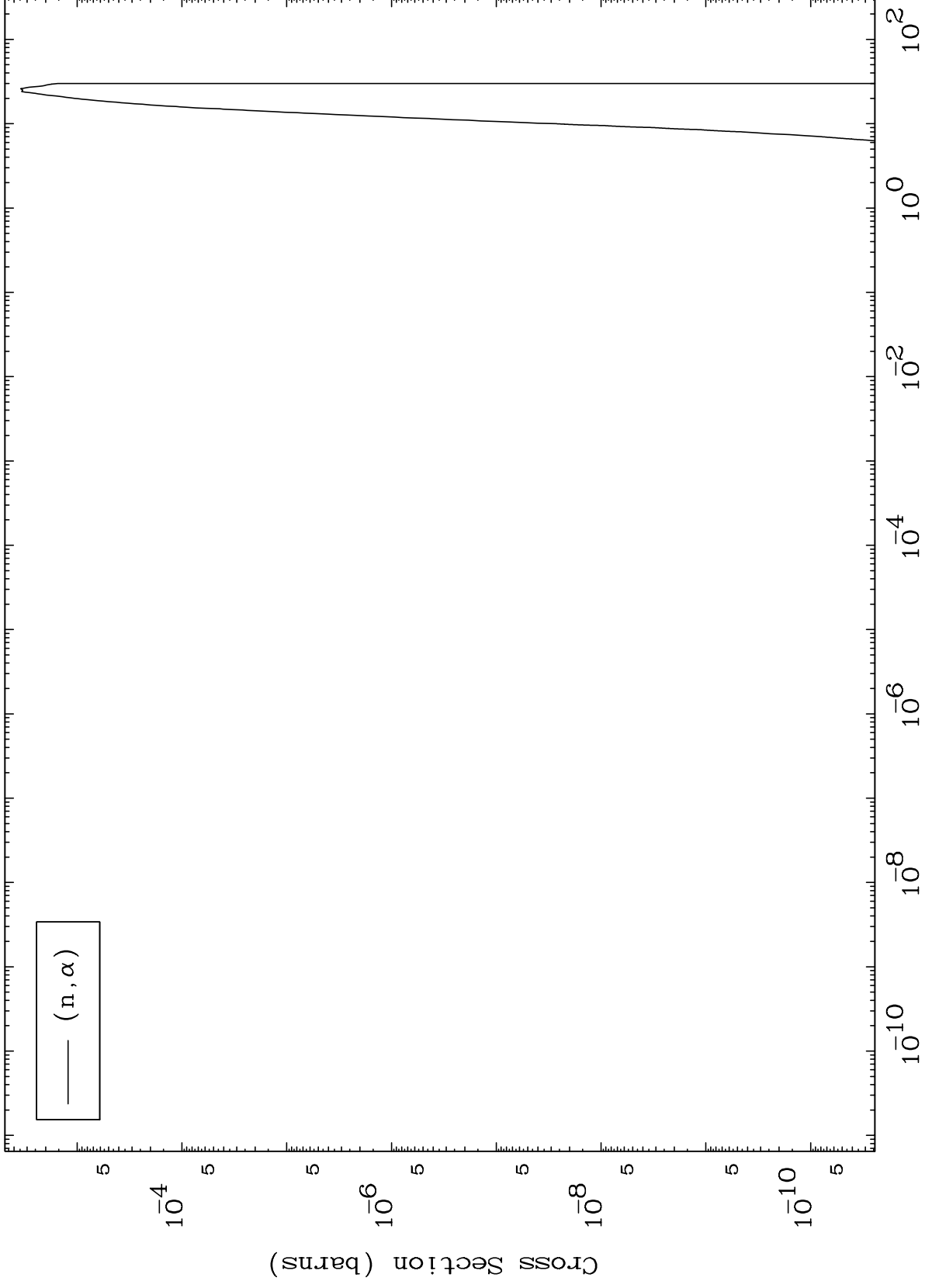
Incident Energy (MeV)

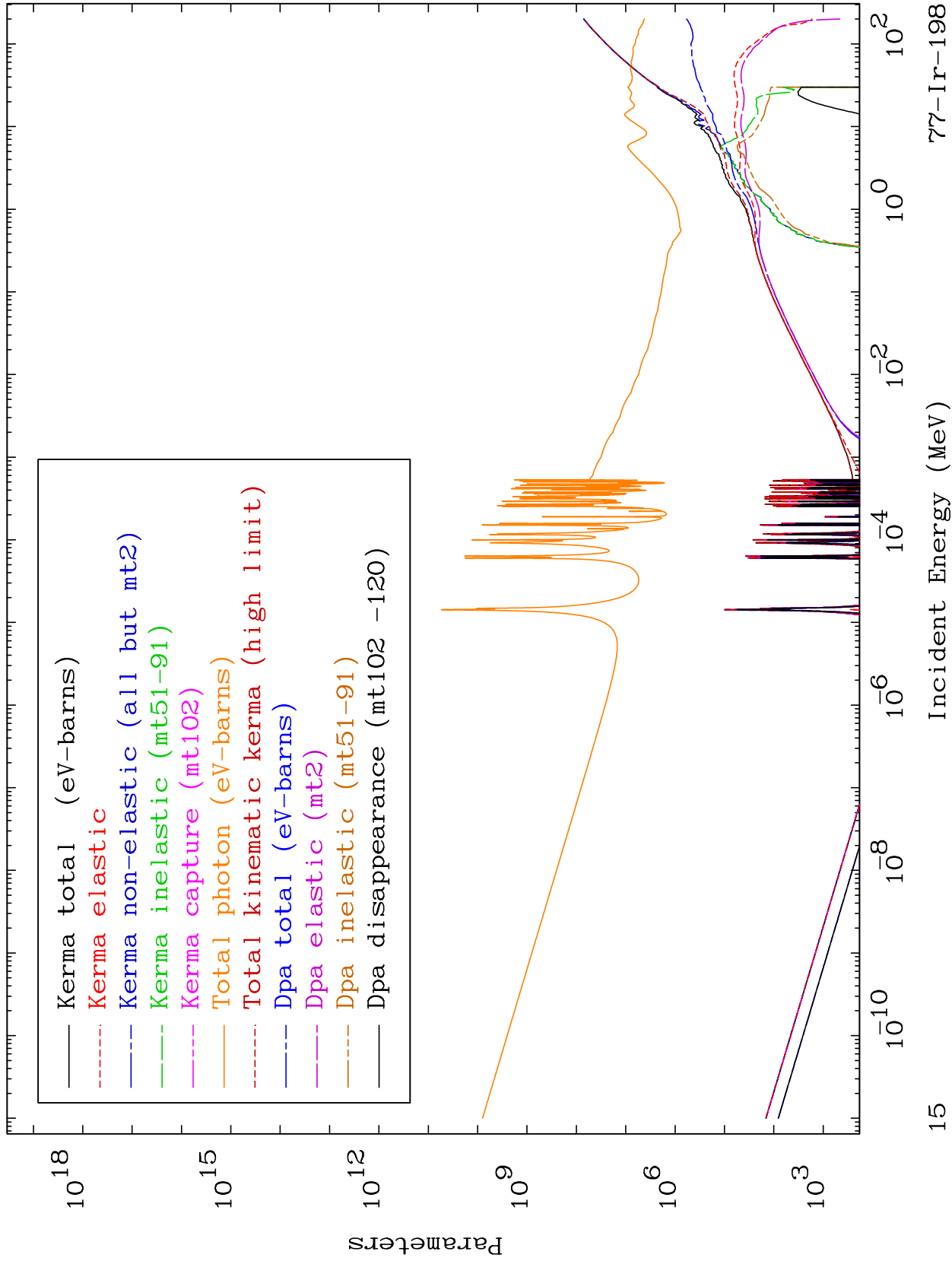
77-Ir-198

MAT 7746

(n, α) Levels
293 Kelvin Cross Sections

77-Ir-198

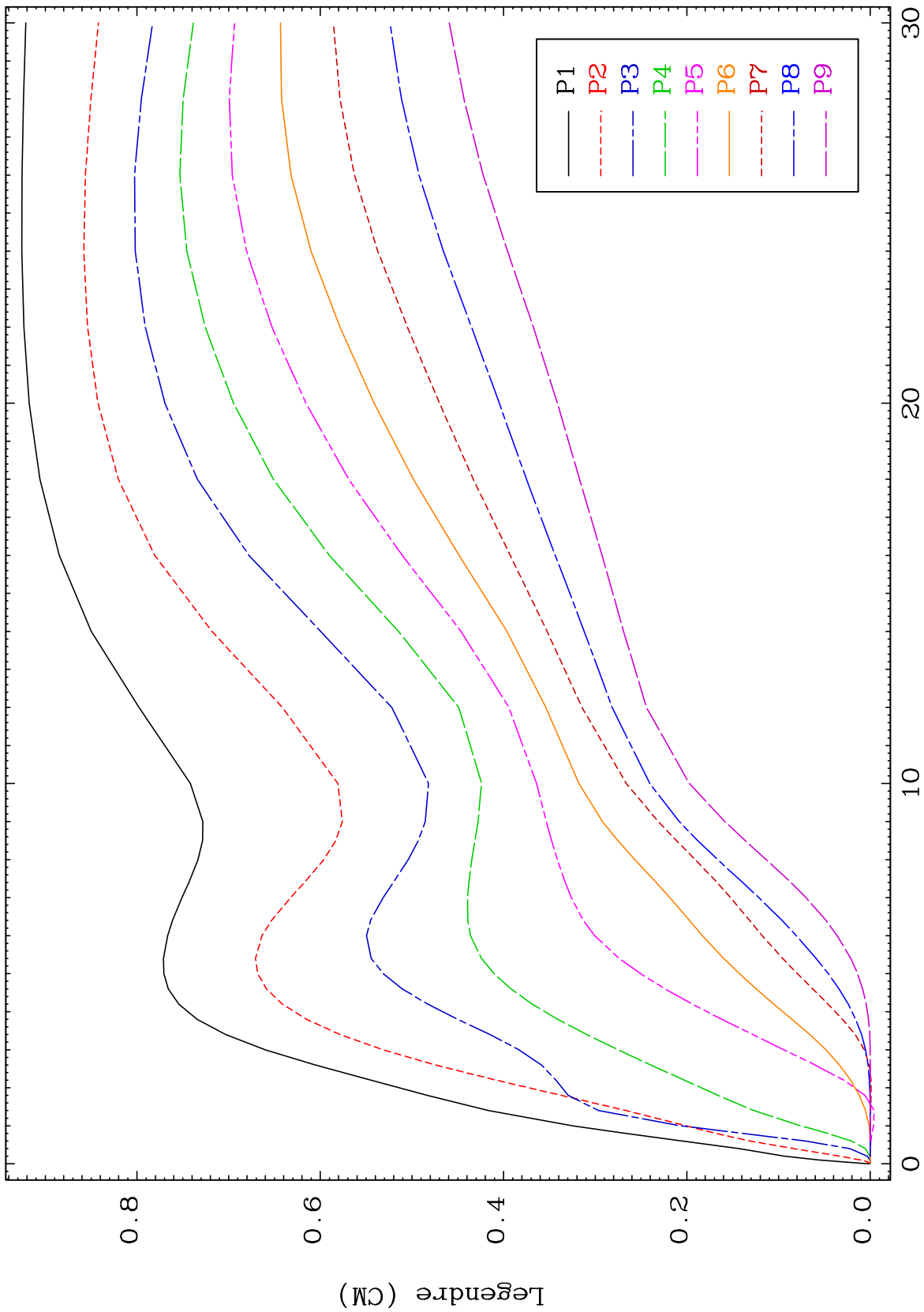




MAT 7746

77-Ir-198

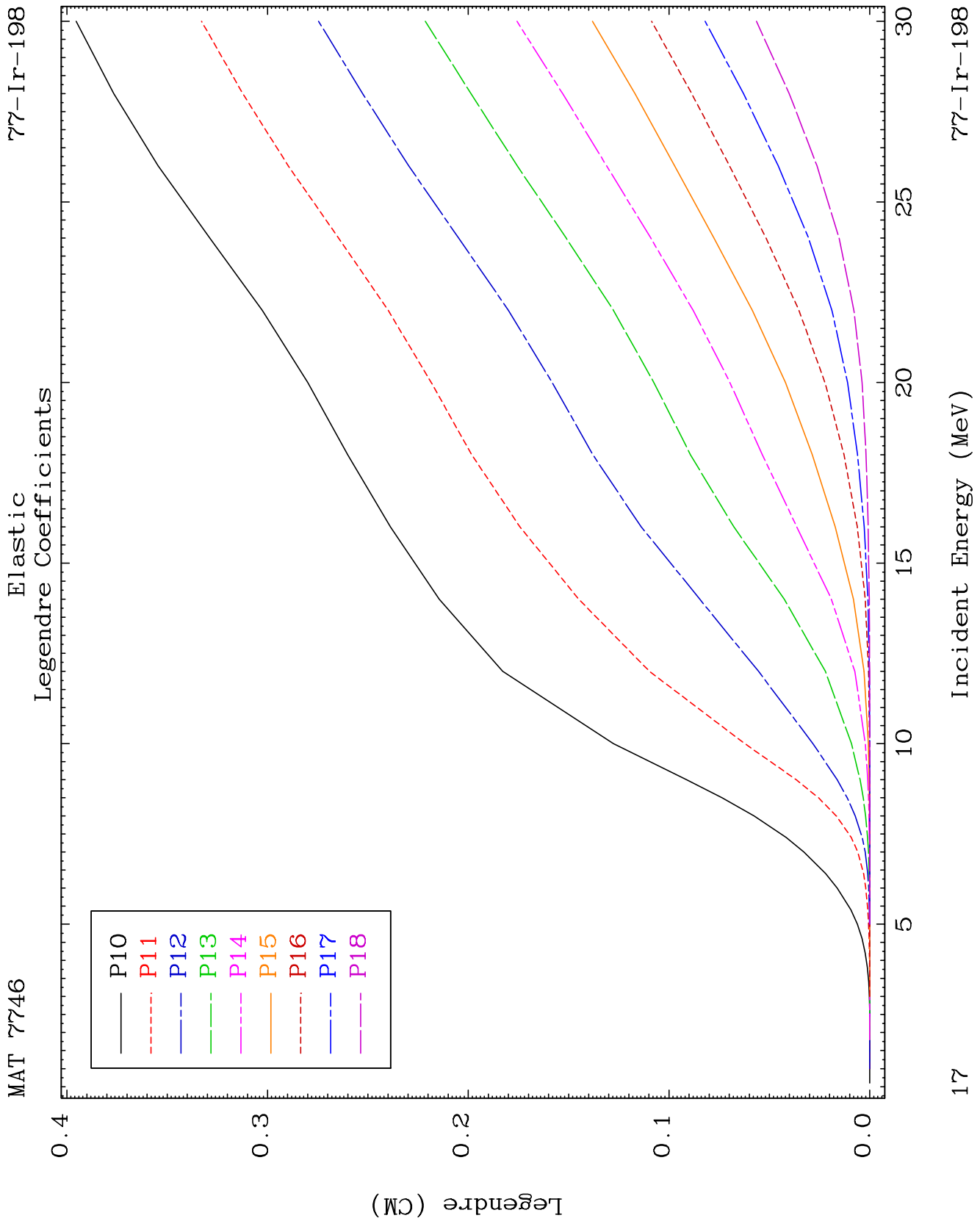
Elastic Legendre Coefficients



77-Ir-198

Incident Energy (MeV)

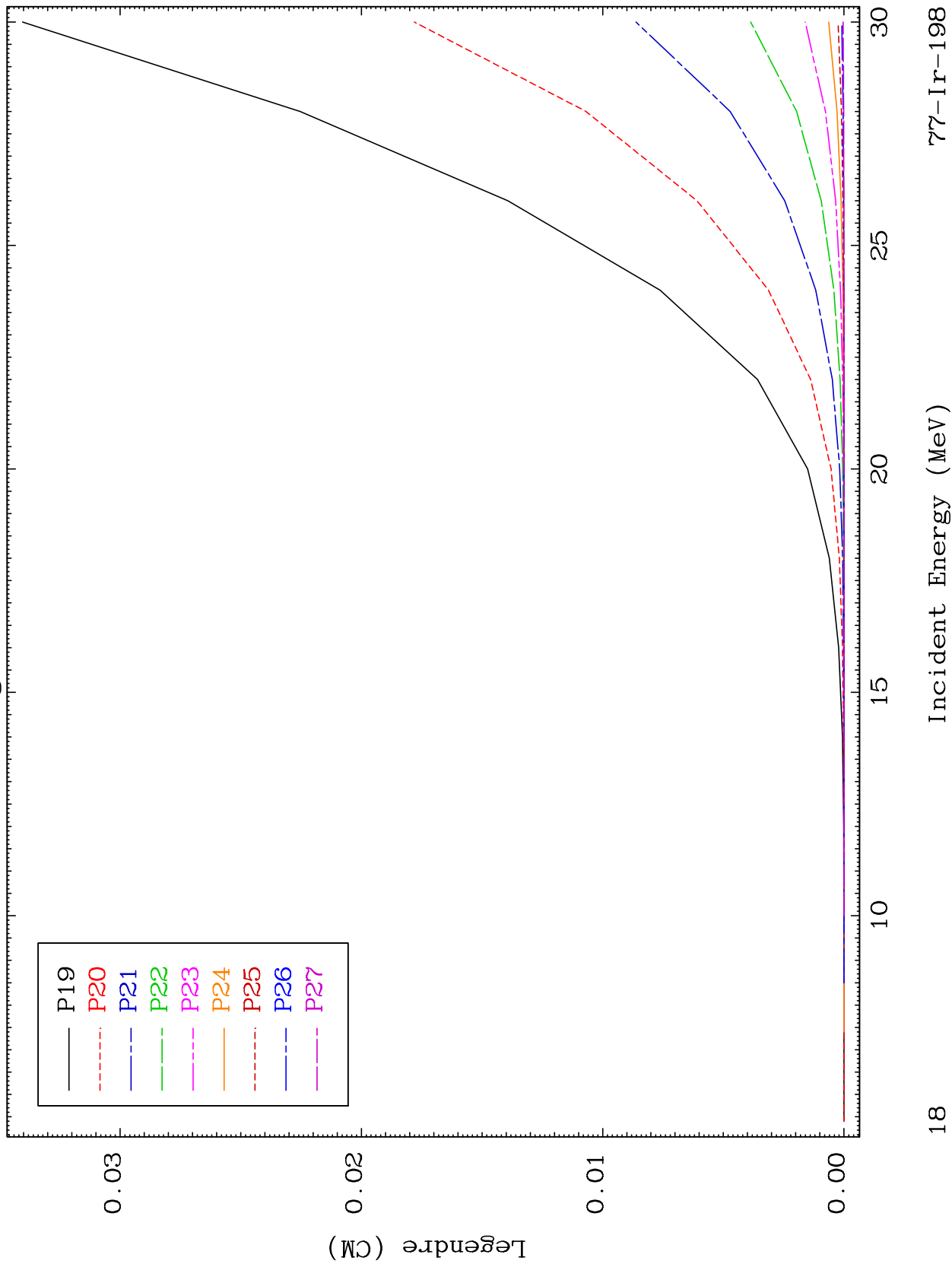
16



MAT 7746

Elastic Legendre Coefficients

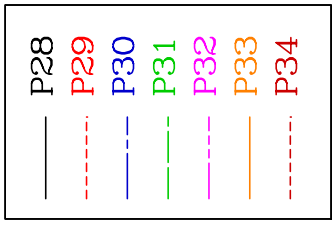
77-Ir-198



MAT 7746

Elastic Legendre Coefficients

77-Ir-198



$\times 10^{-5}$
1.0
0.8
0.6
0.4
0.2
0.0

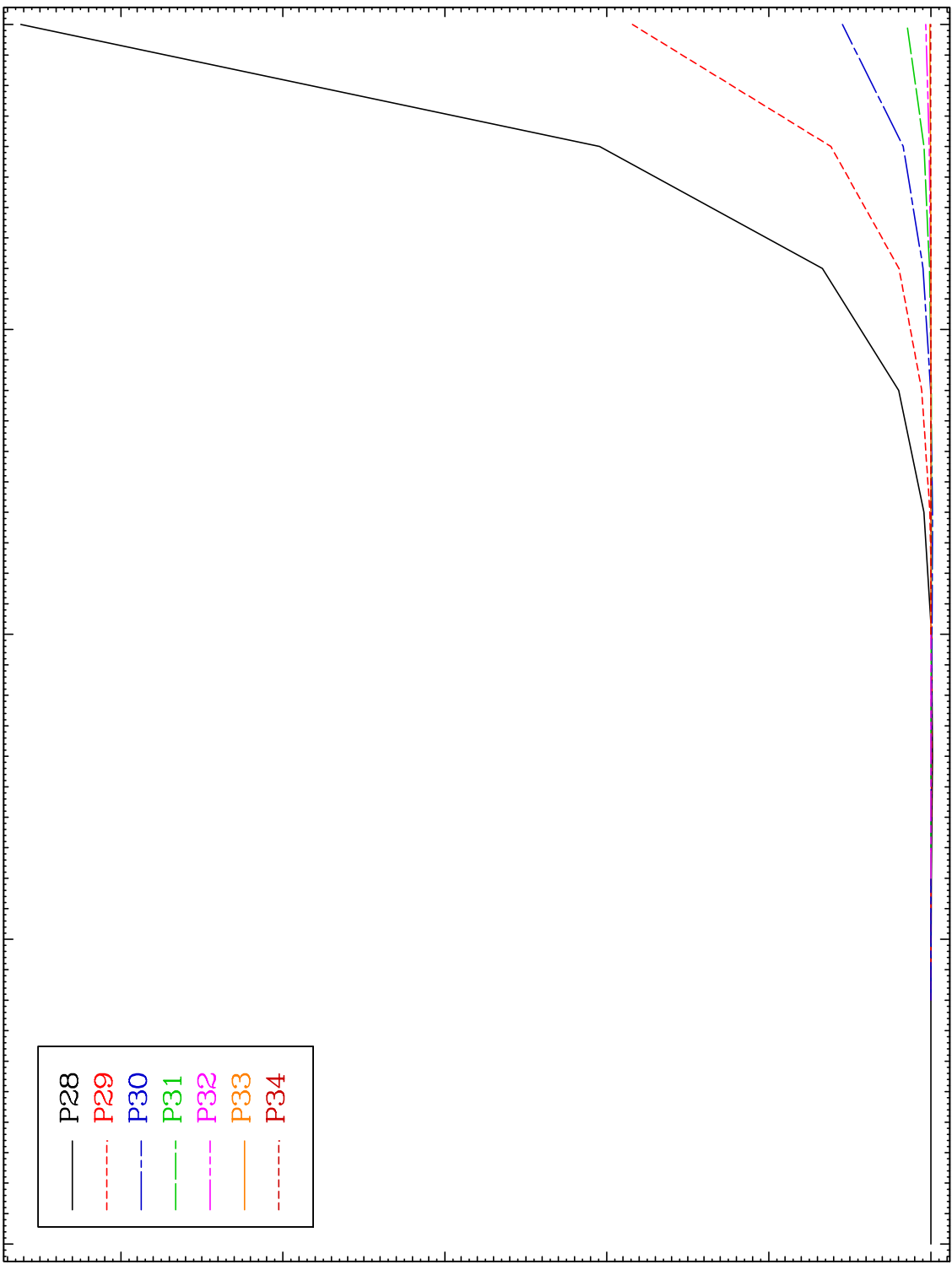
Legendre (CM)

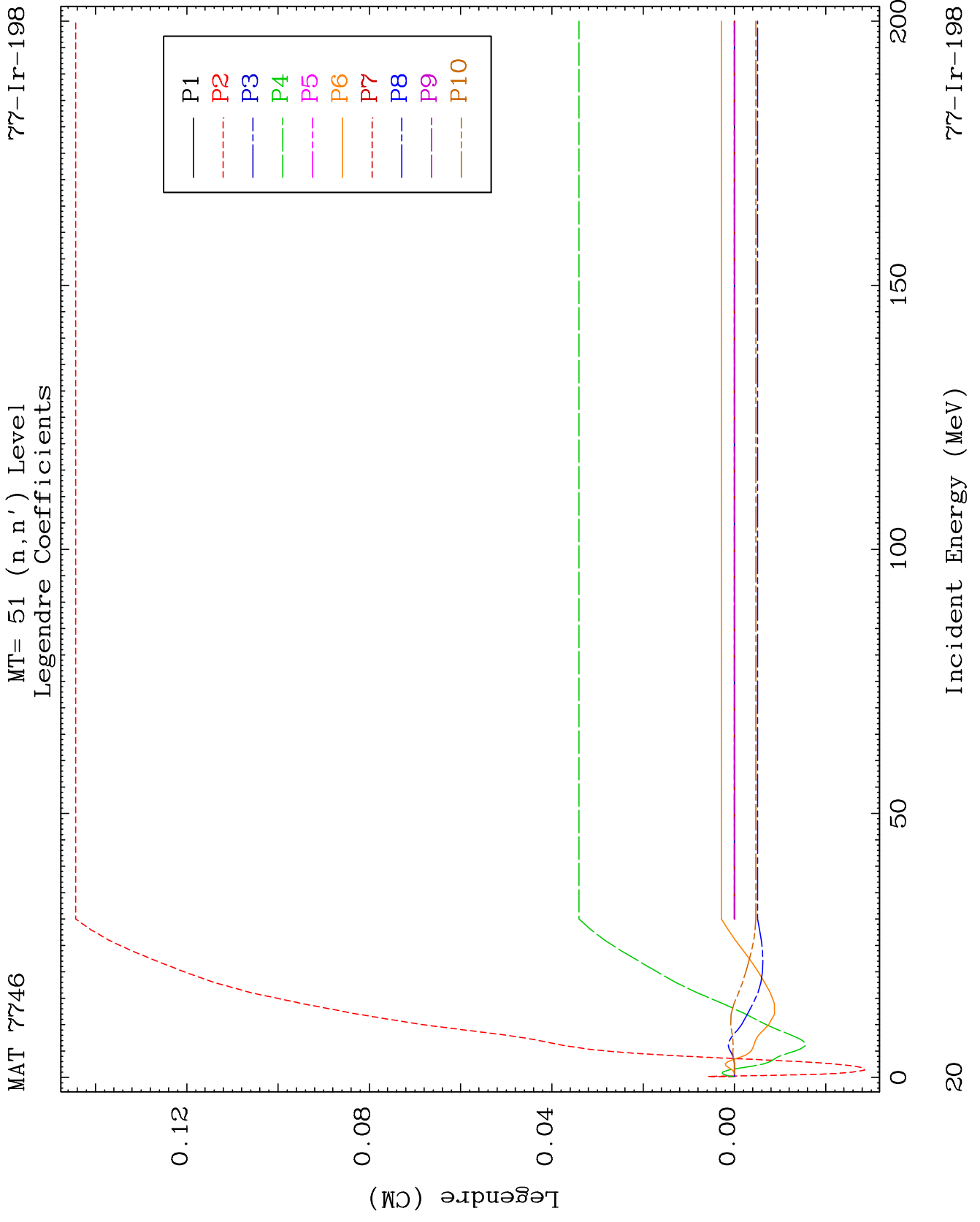
10 15 20 25 30

19

Incident Energy (MeV)

77-Ir-198

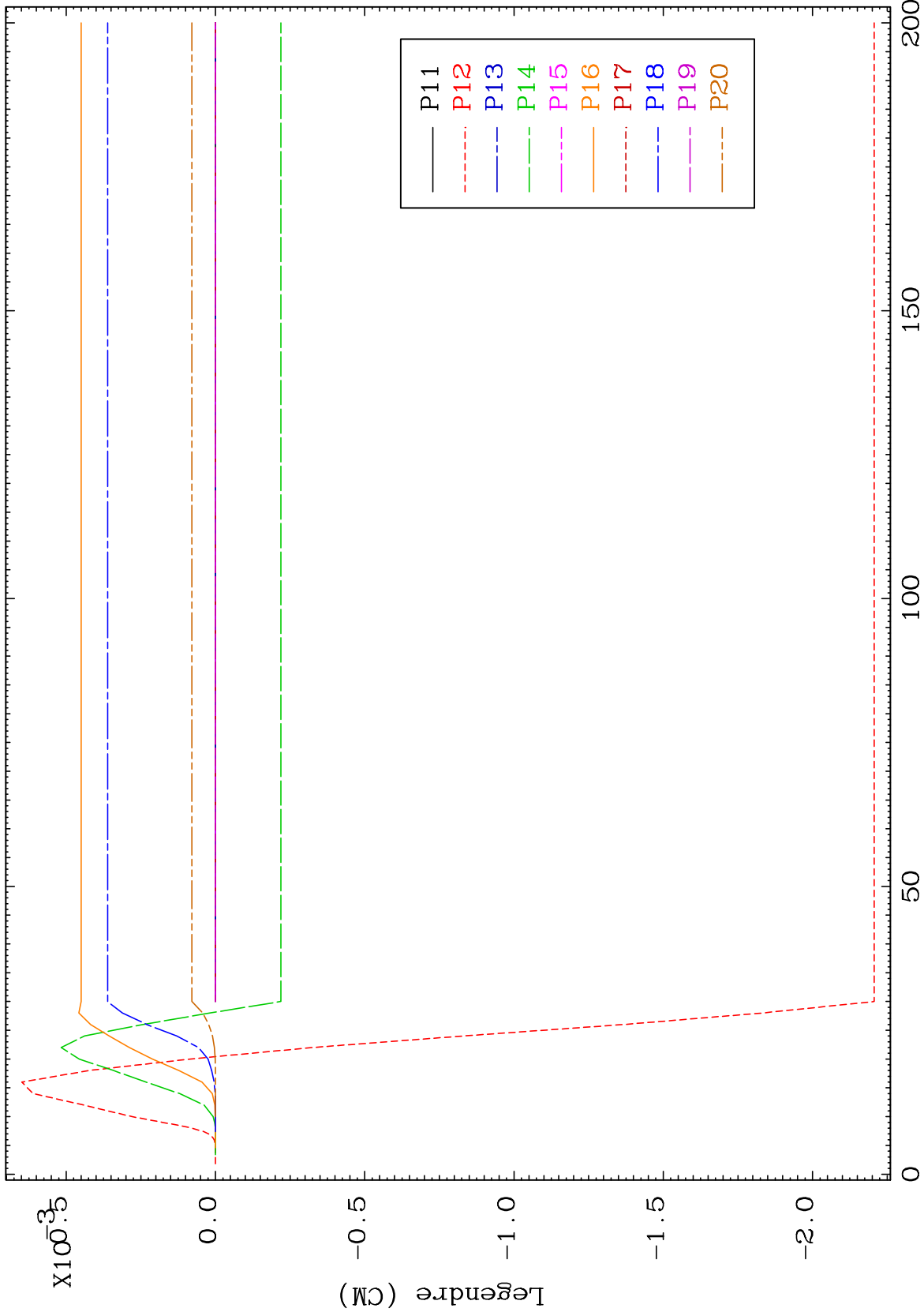




MAT 7746

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

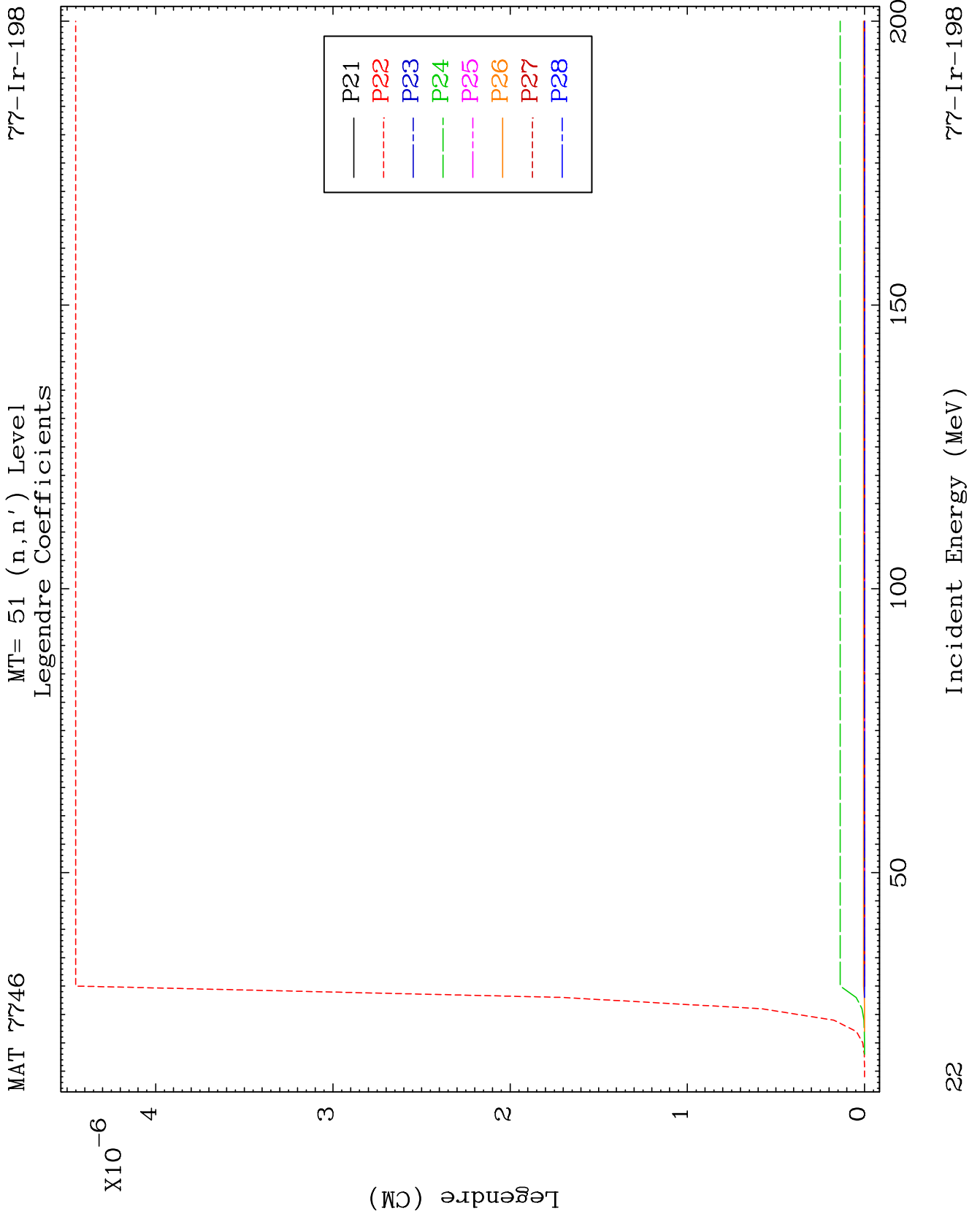
77-Ir-198



21

Incident Energy (MeV)

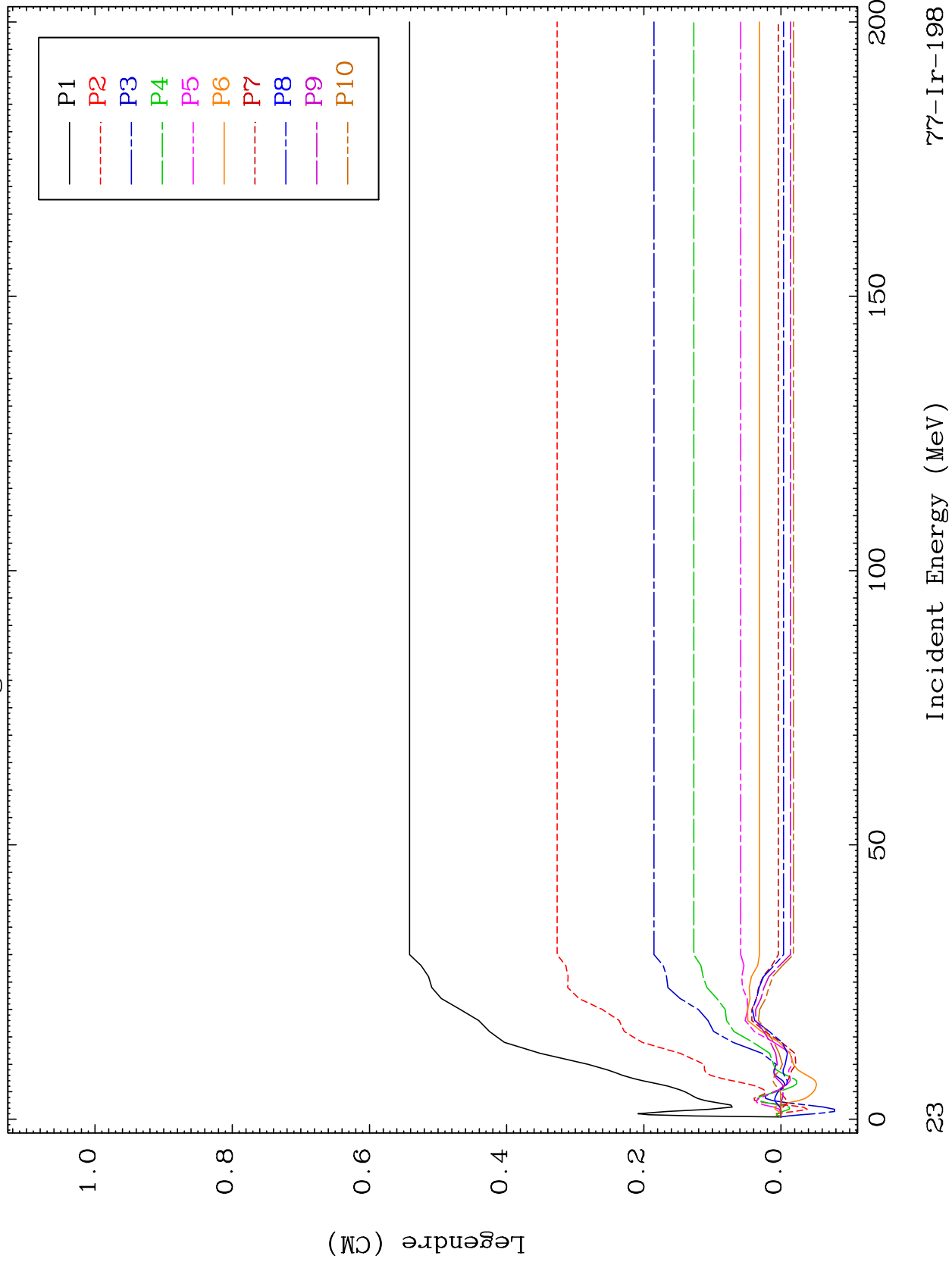
77-Ir-198



MAT 7746

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

77-Ir-198



77-Ir-198

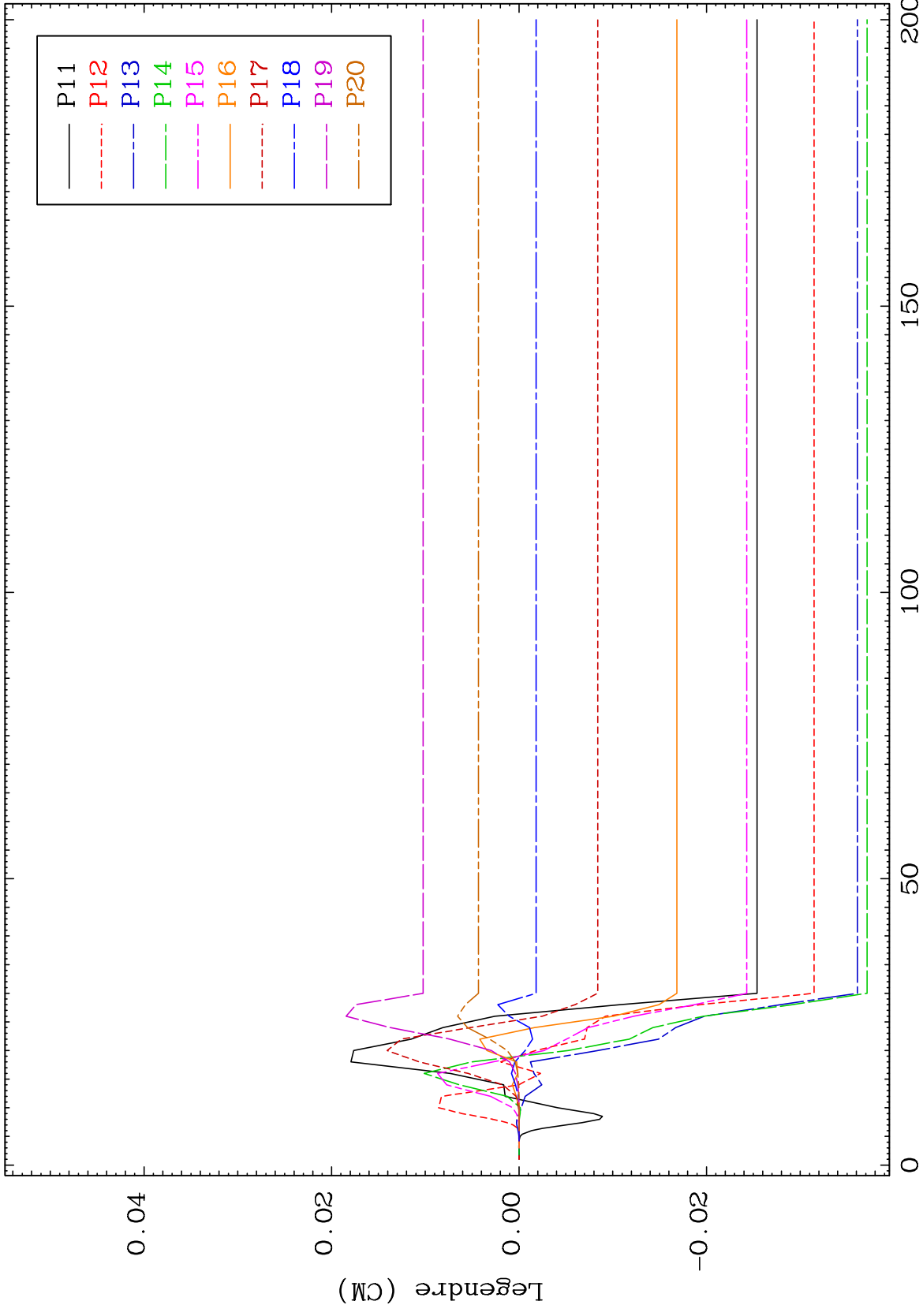
Incident Energy (MeV)

23

MAT 7746

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

77-Ir-198



24

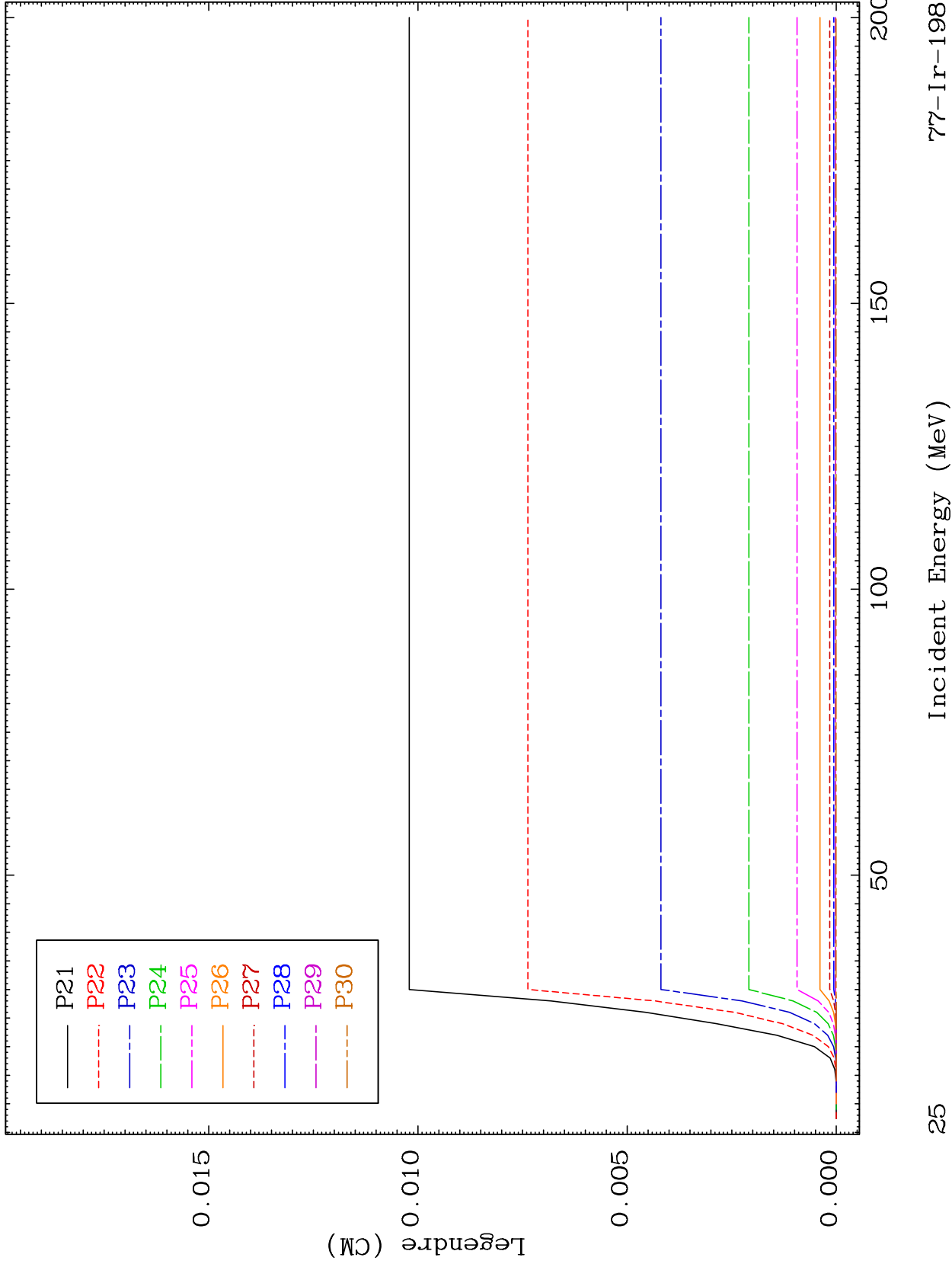
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

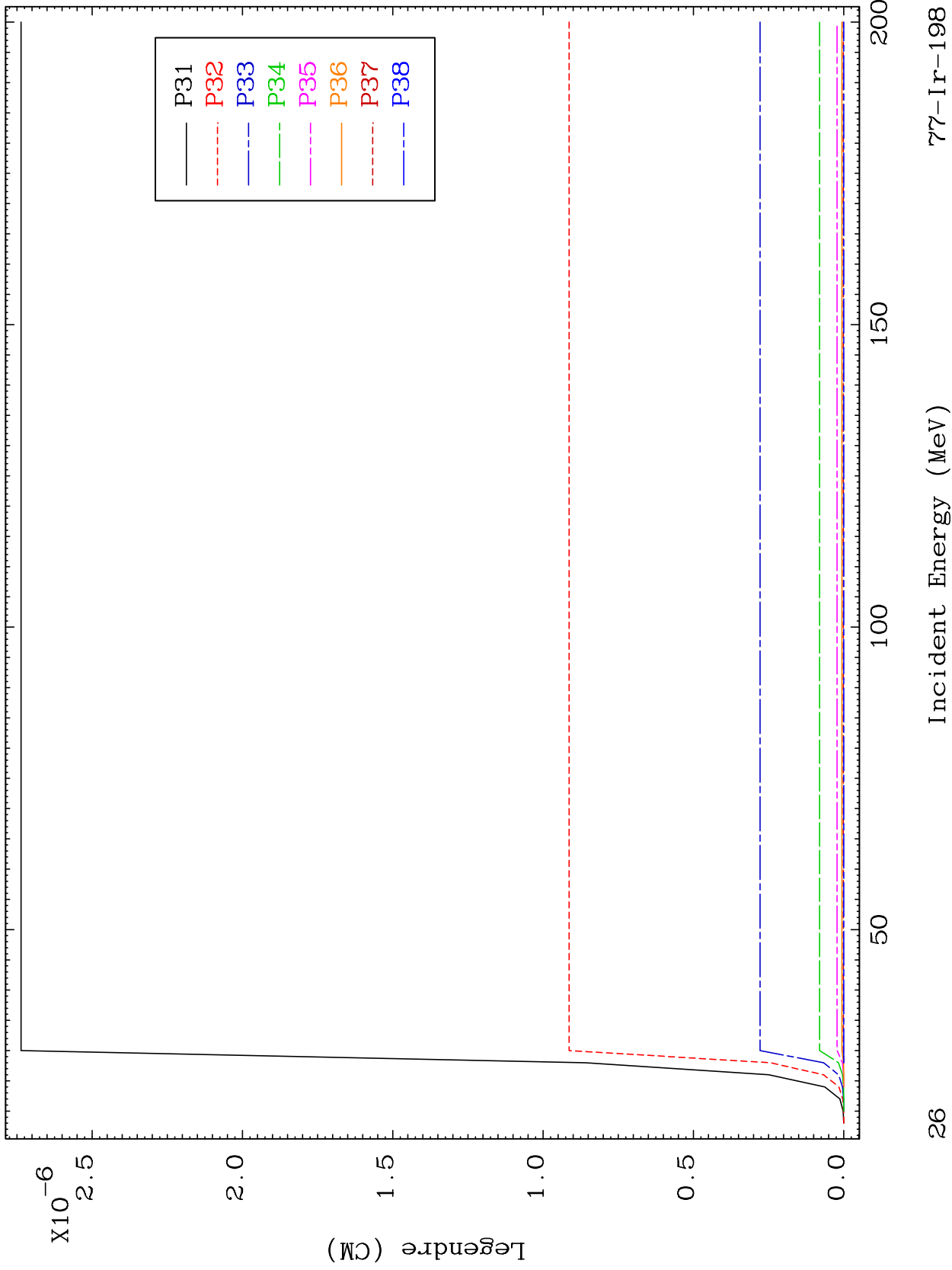
77-Ir-198



25

Incident Energy (MeV)

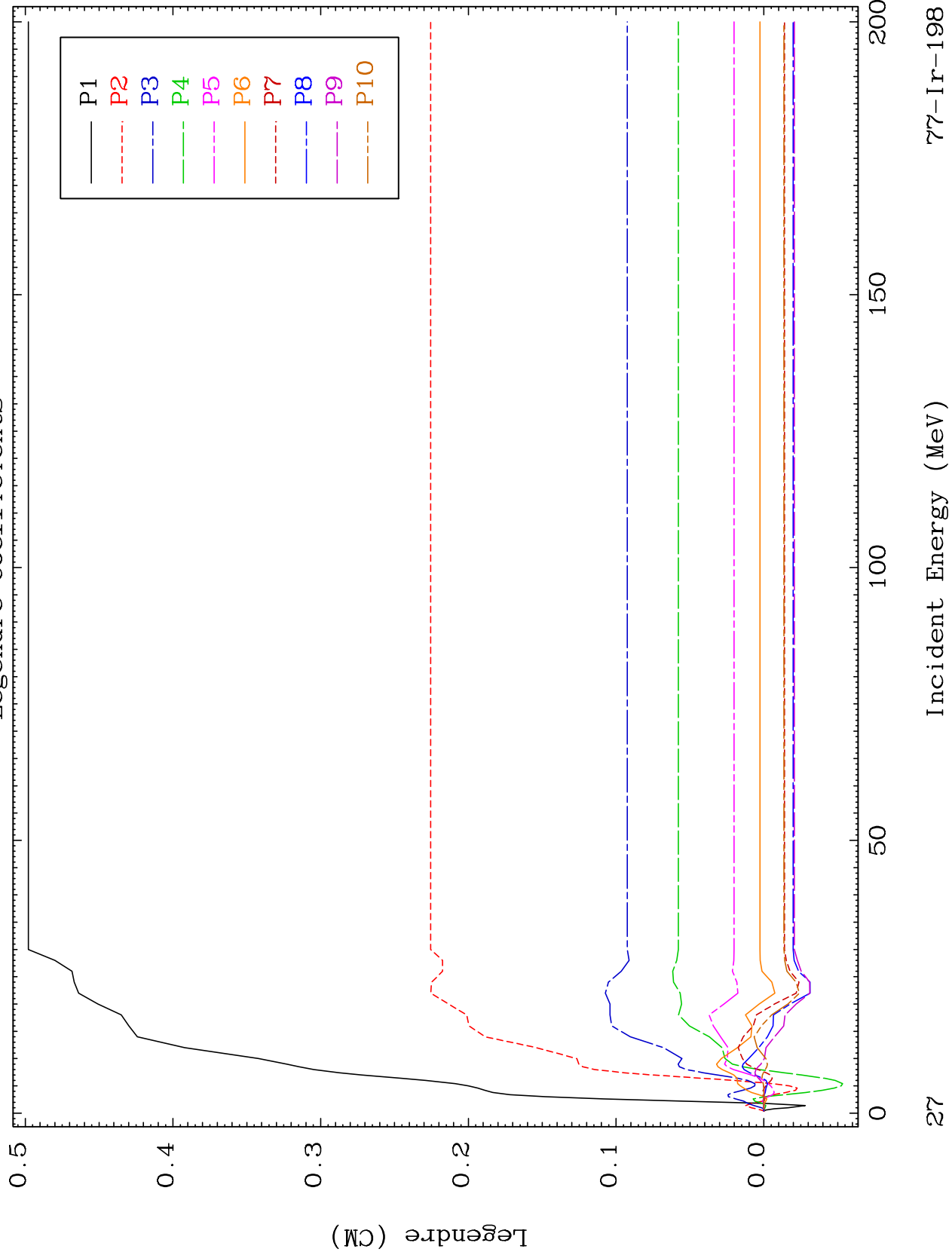
77-Ir-198



MAT 7746

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

77-Ir-198



77-Ir-198

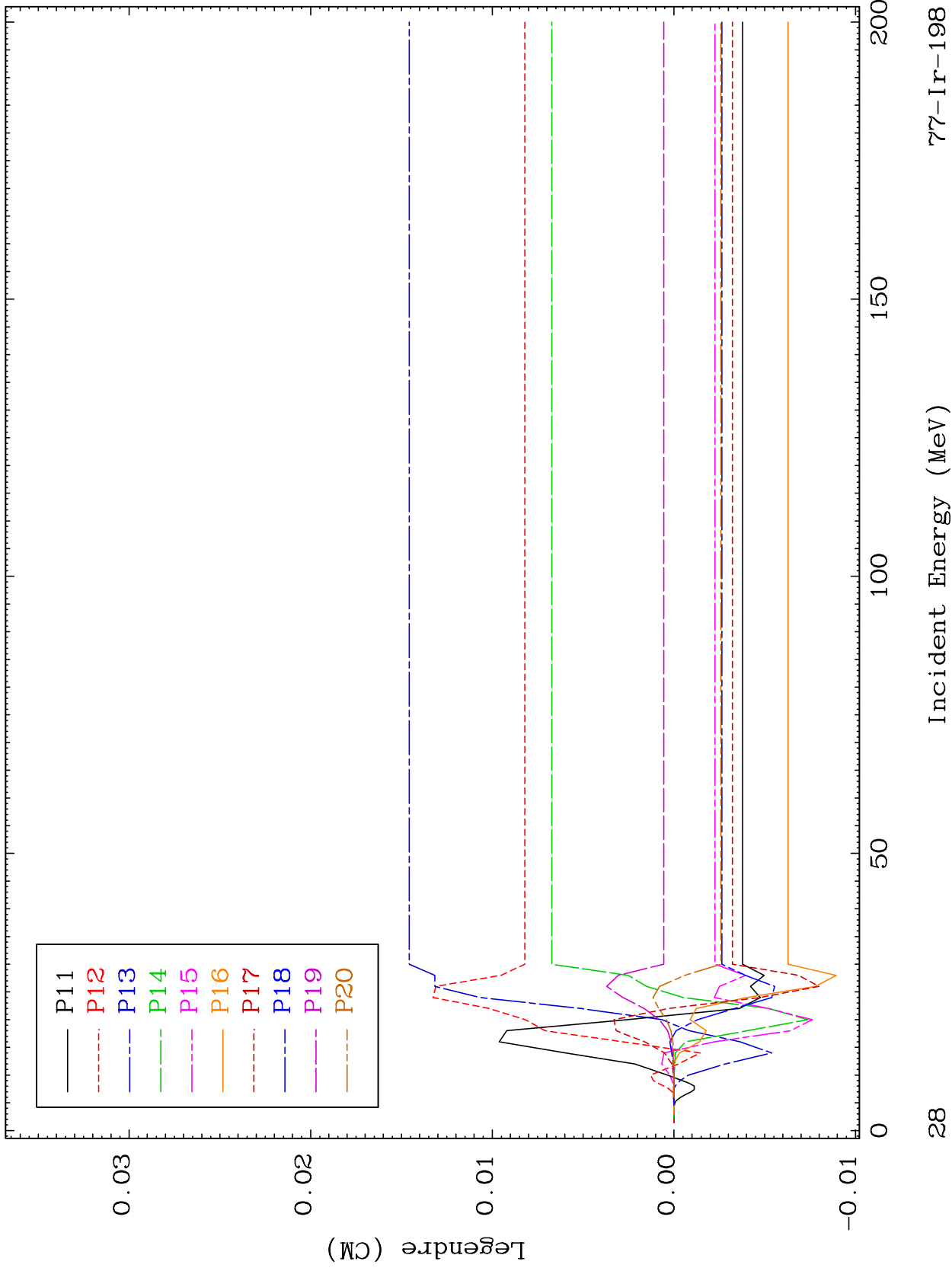
Incident Energy (MeV)

27

MAT 7746

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

77-Ir-198



28

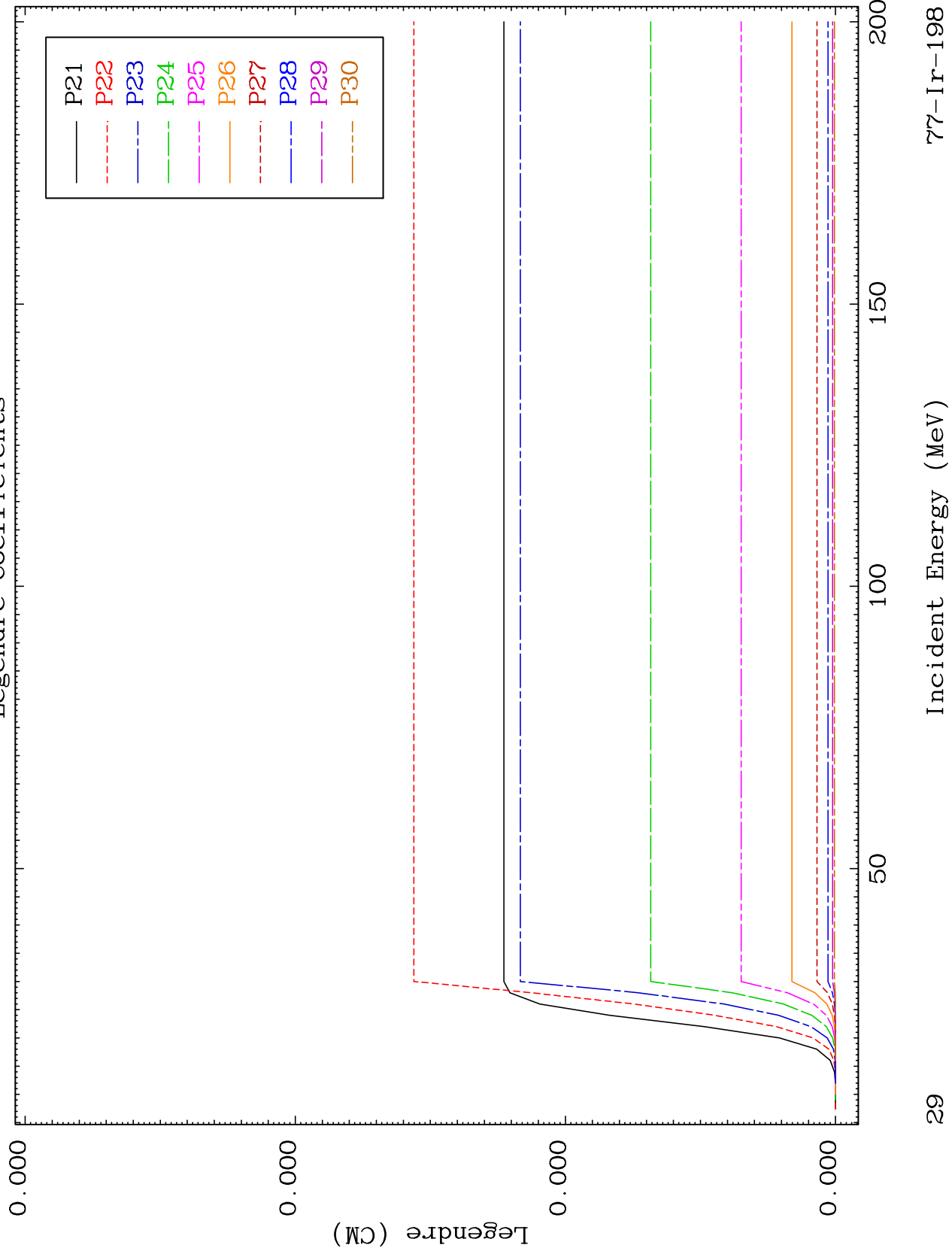
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



29

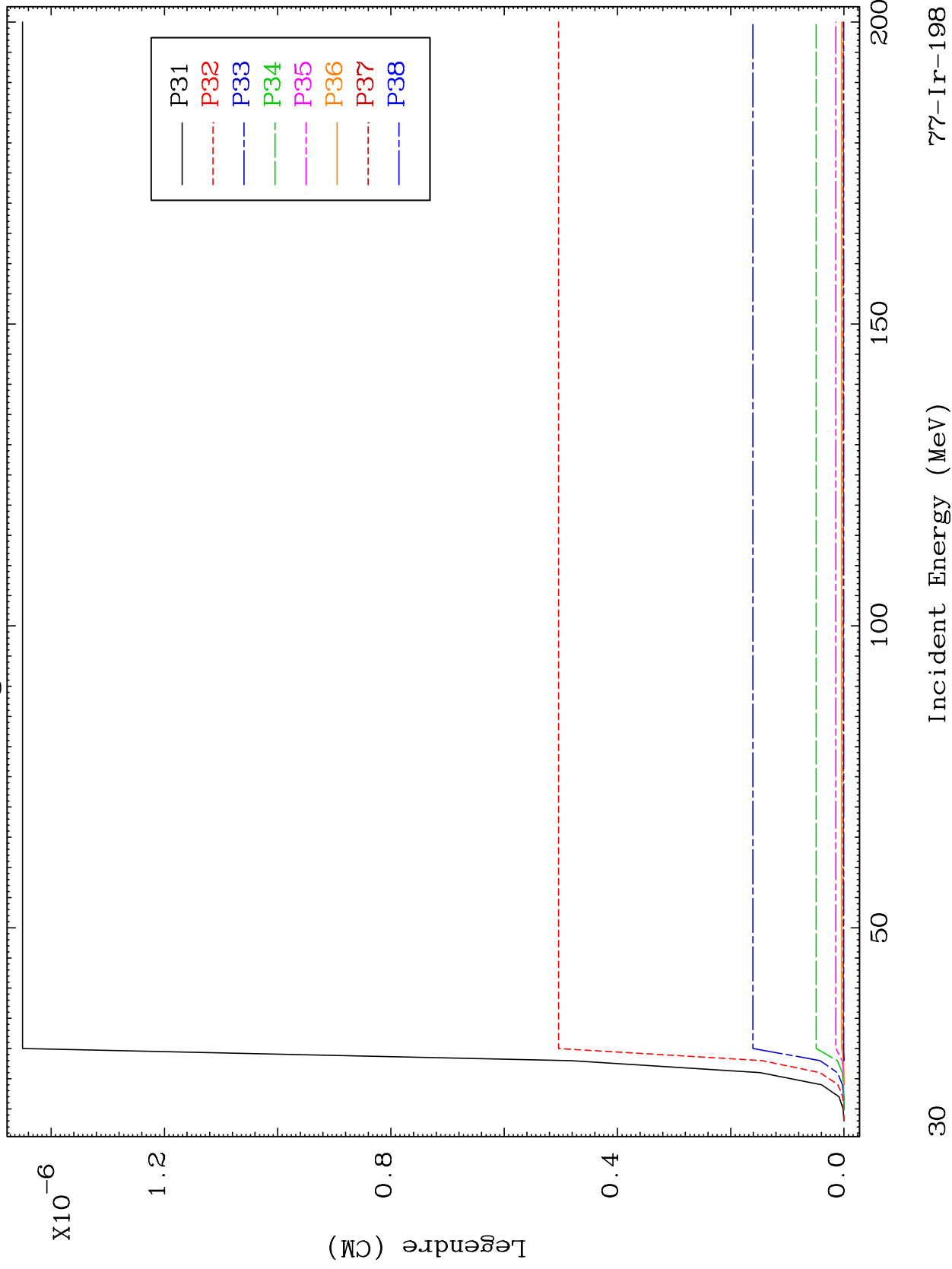
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

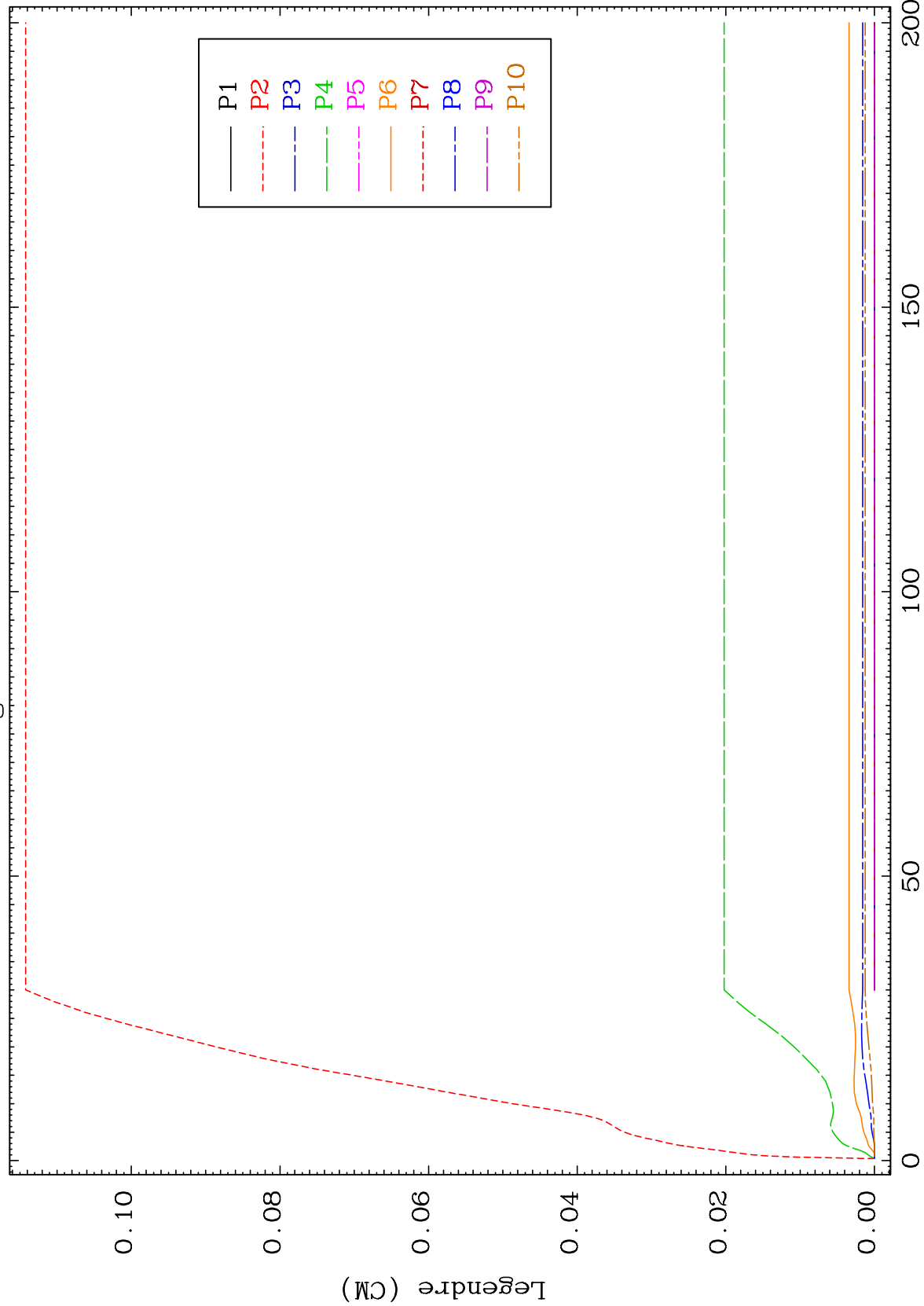
77-Ir-198



MAT 7746

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

77-Ir-198



31

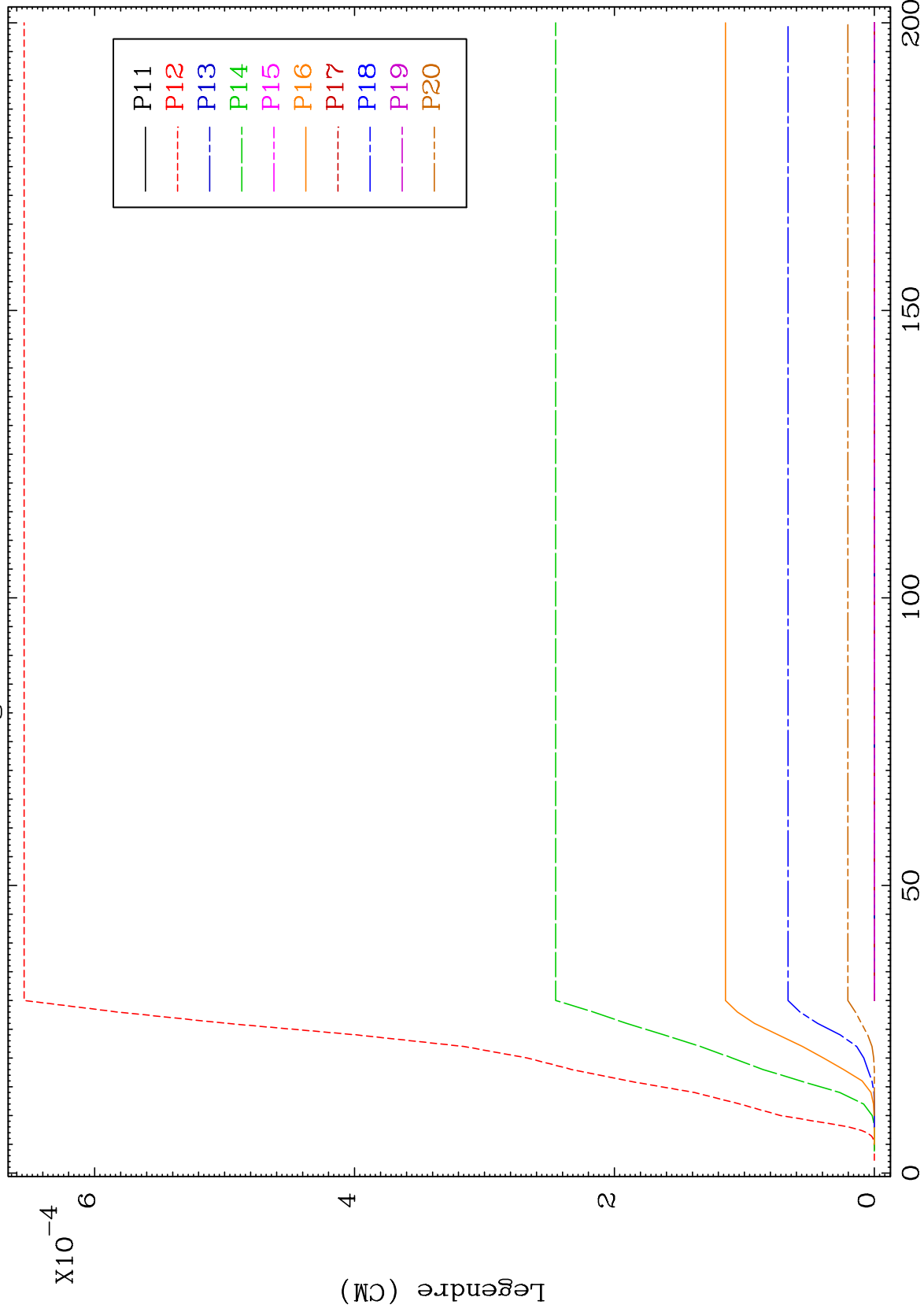
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



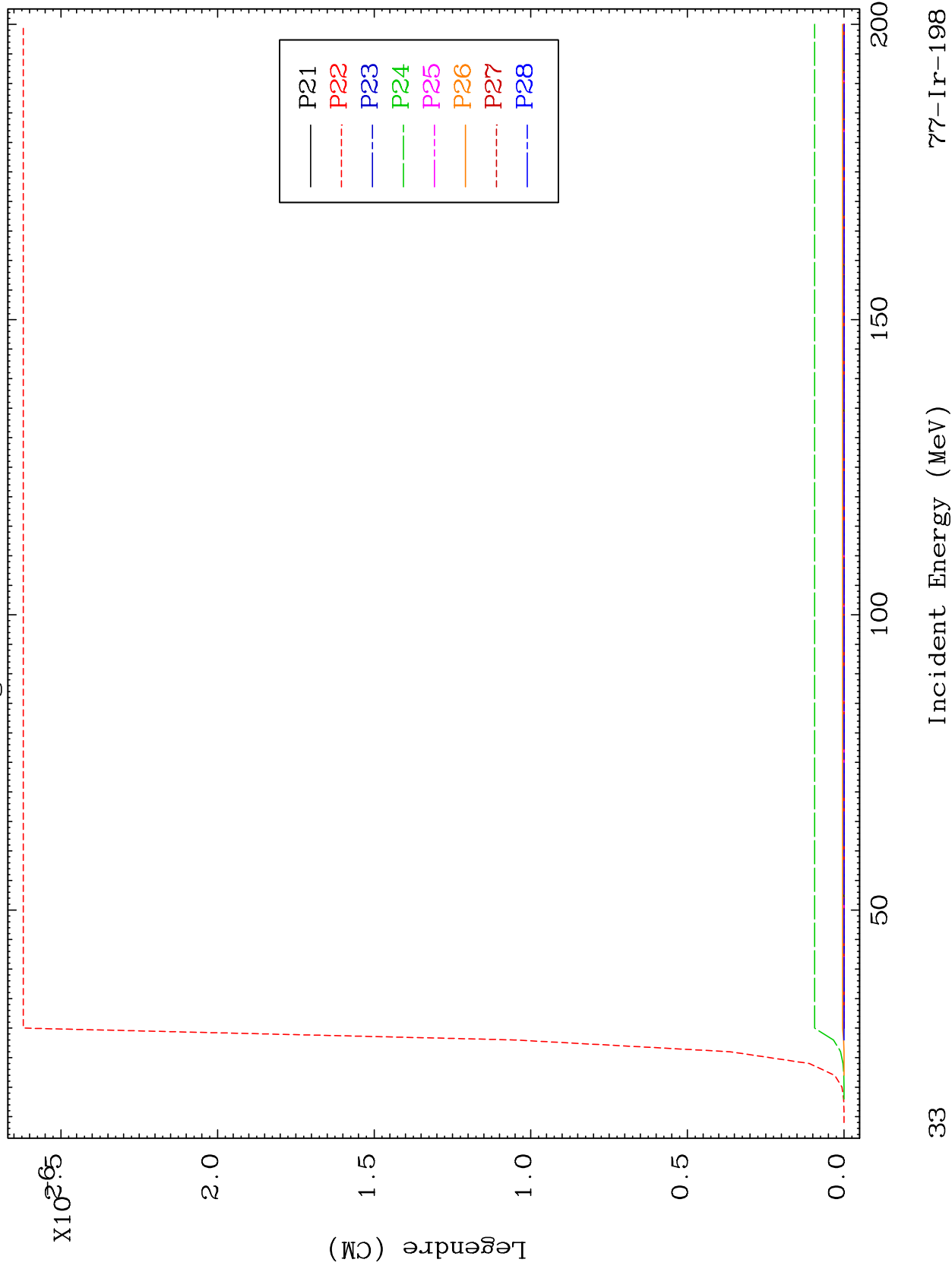
32

77-Ir-198

MAT 7746

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

77-Ir-198

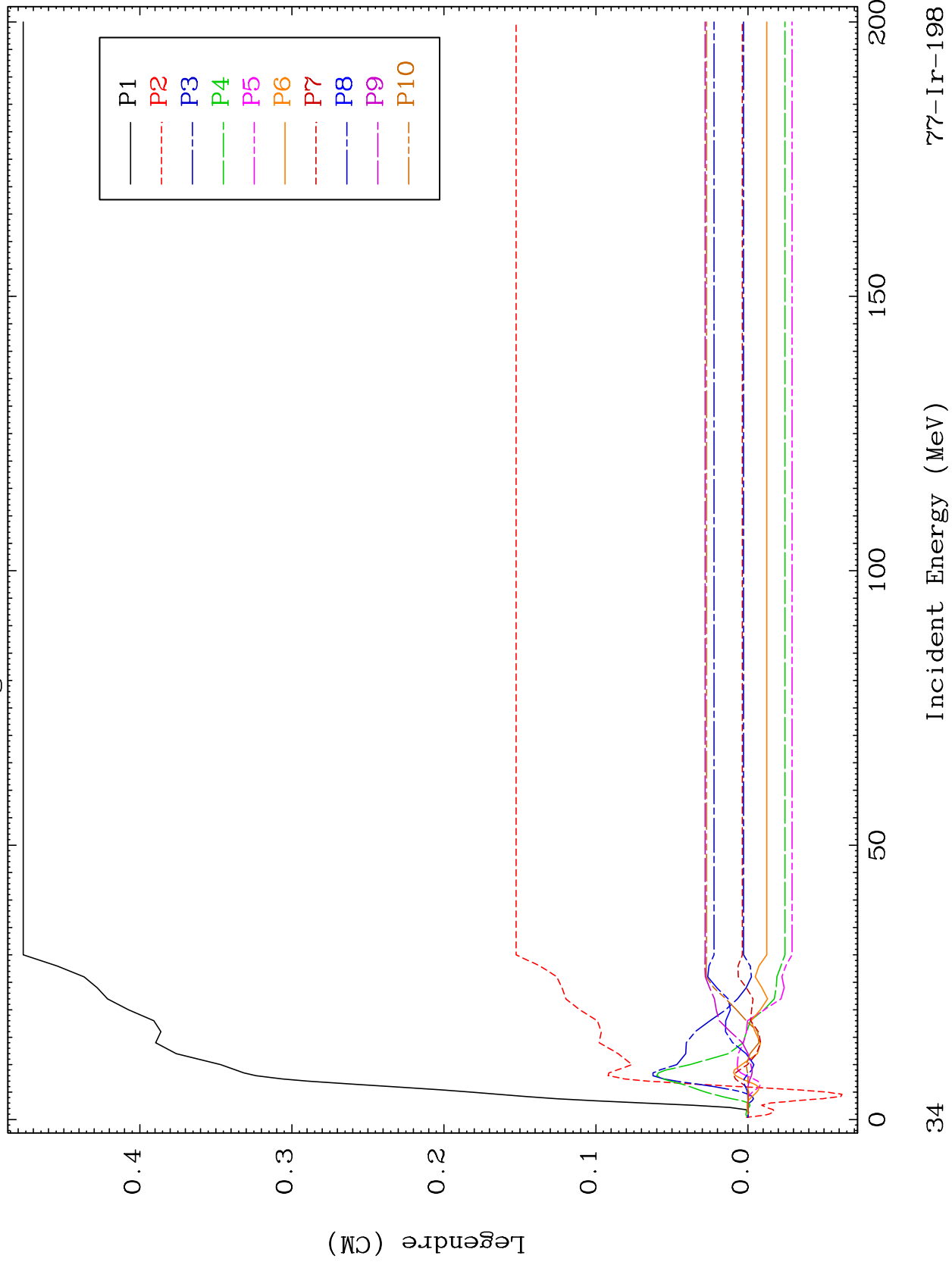


33

MAT 7746

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

77-Ir-198



77-Ir-198

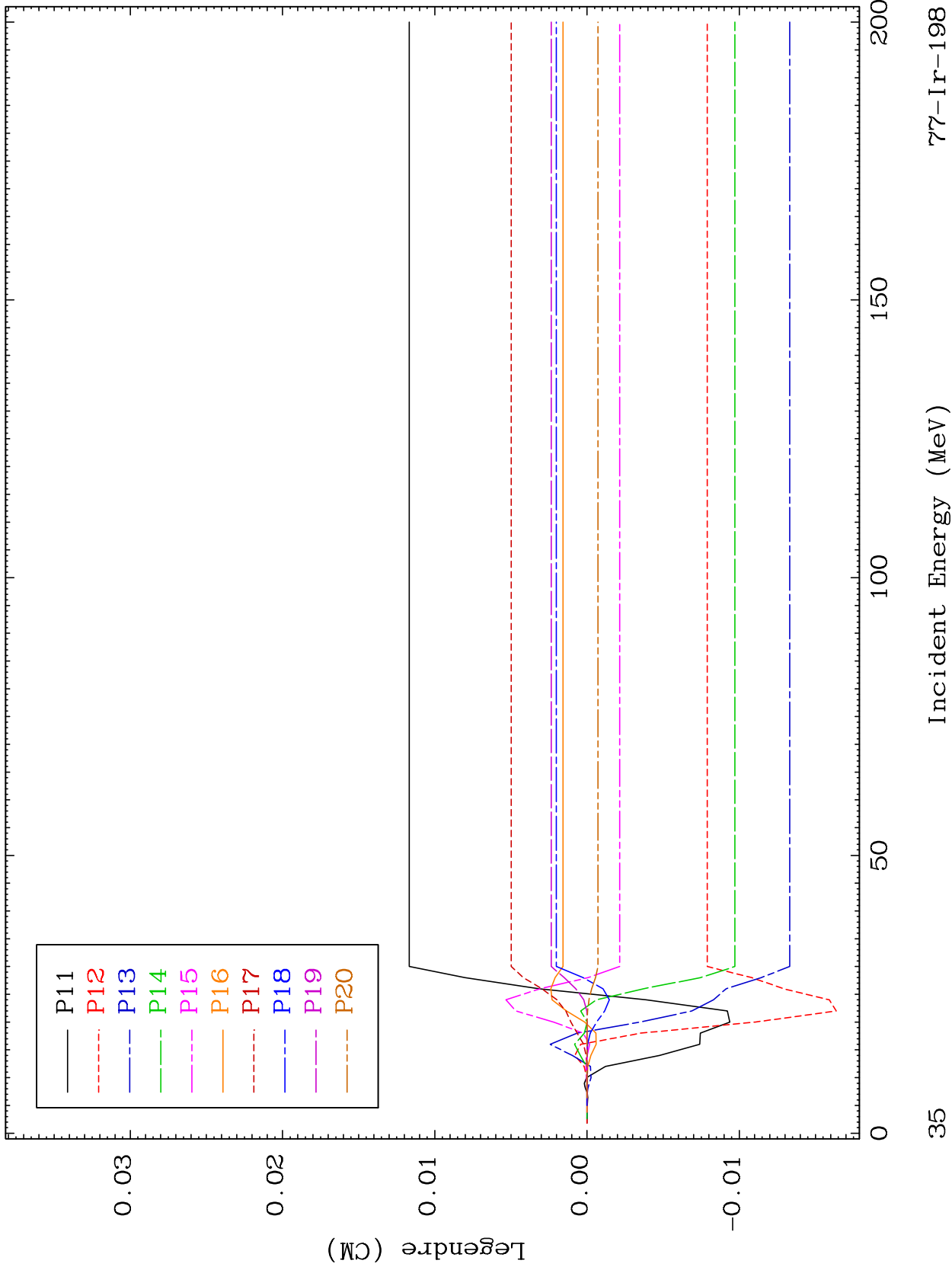
Incident Energy (MeV)

34

MAT 7746

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

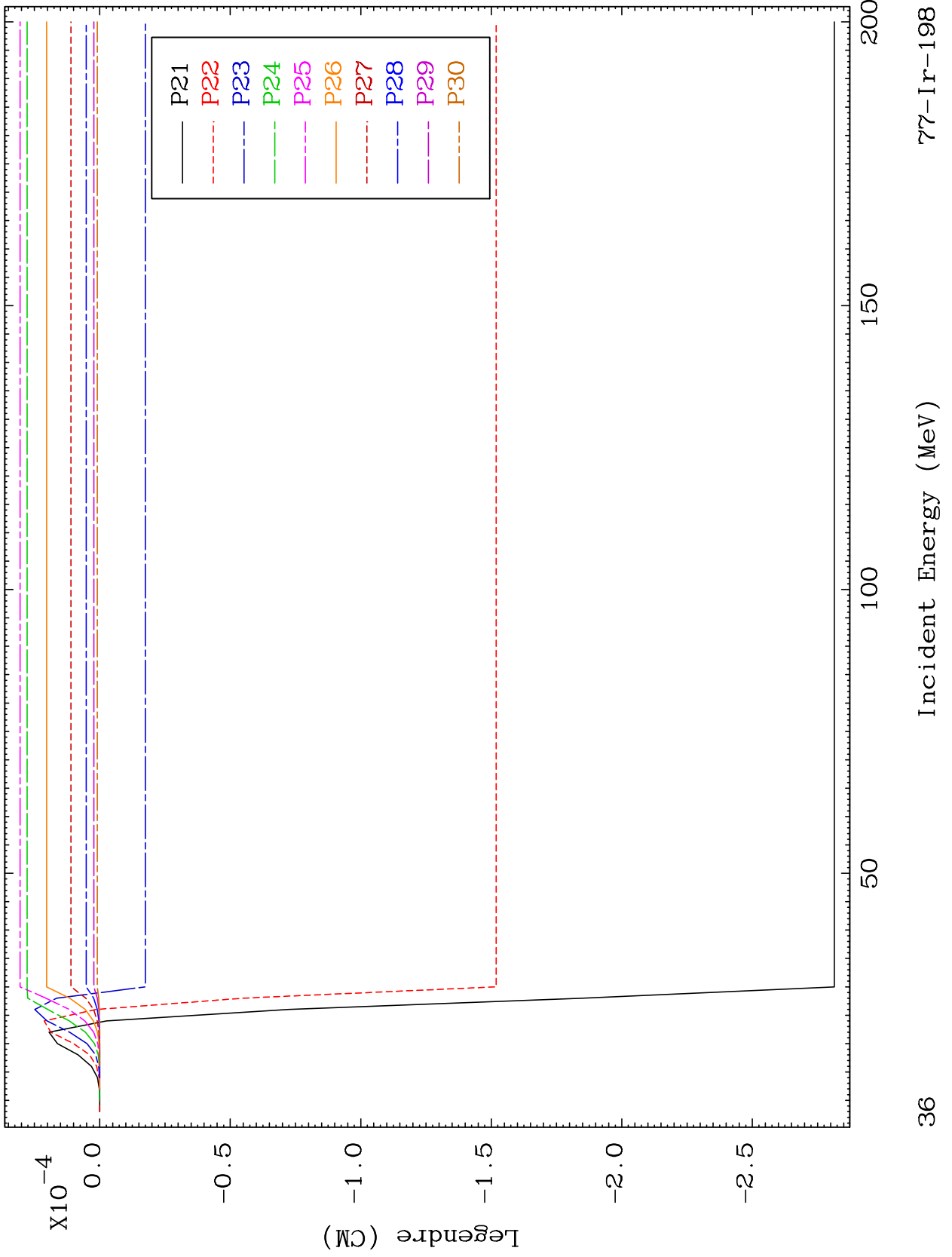
77-Ir-198



77-Ir-198

Incident Energy (MeV)

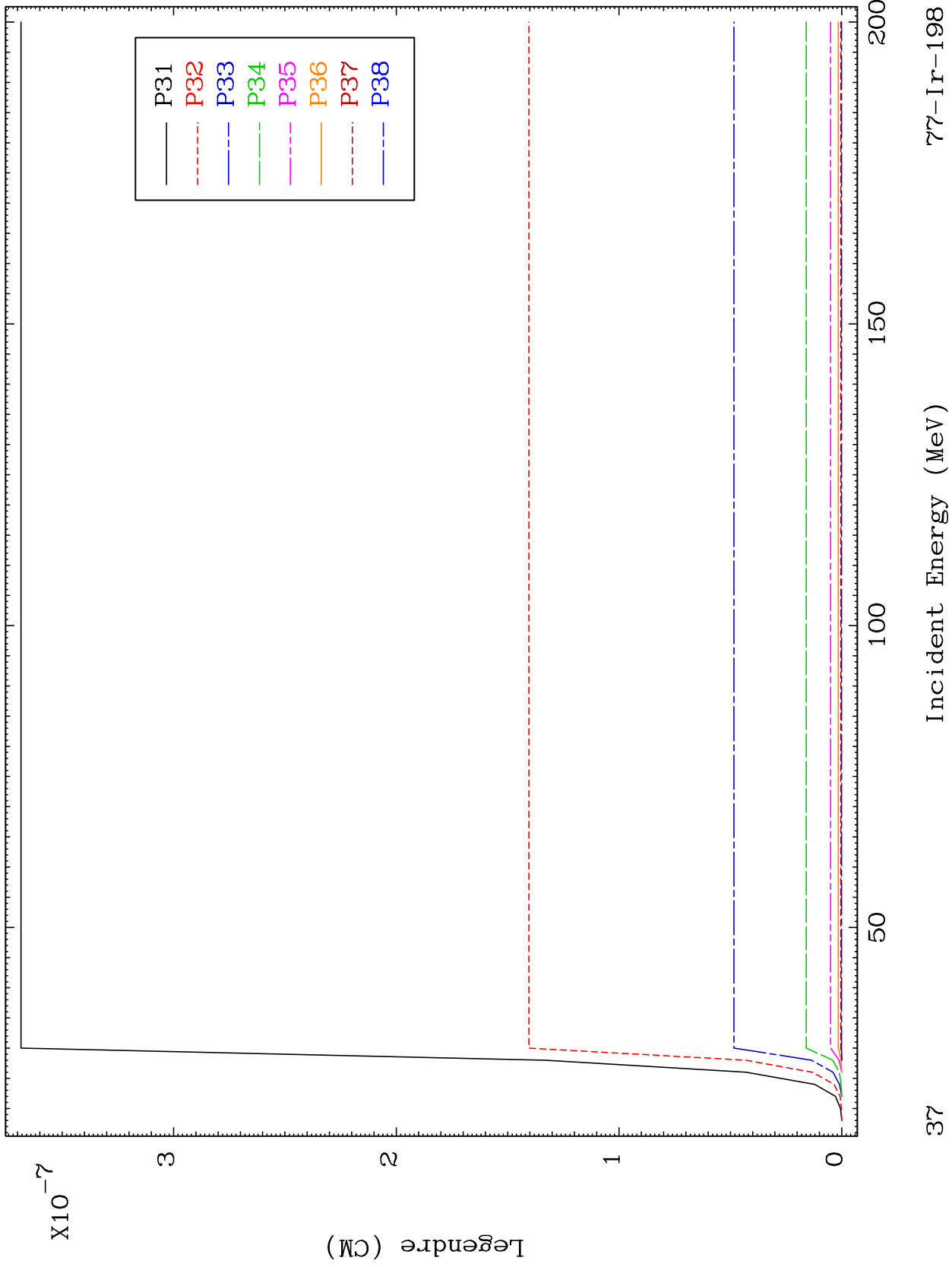
35

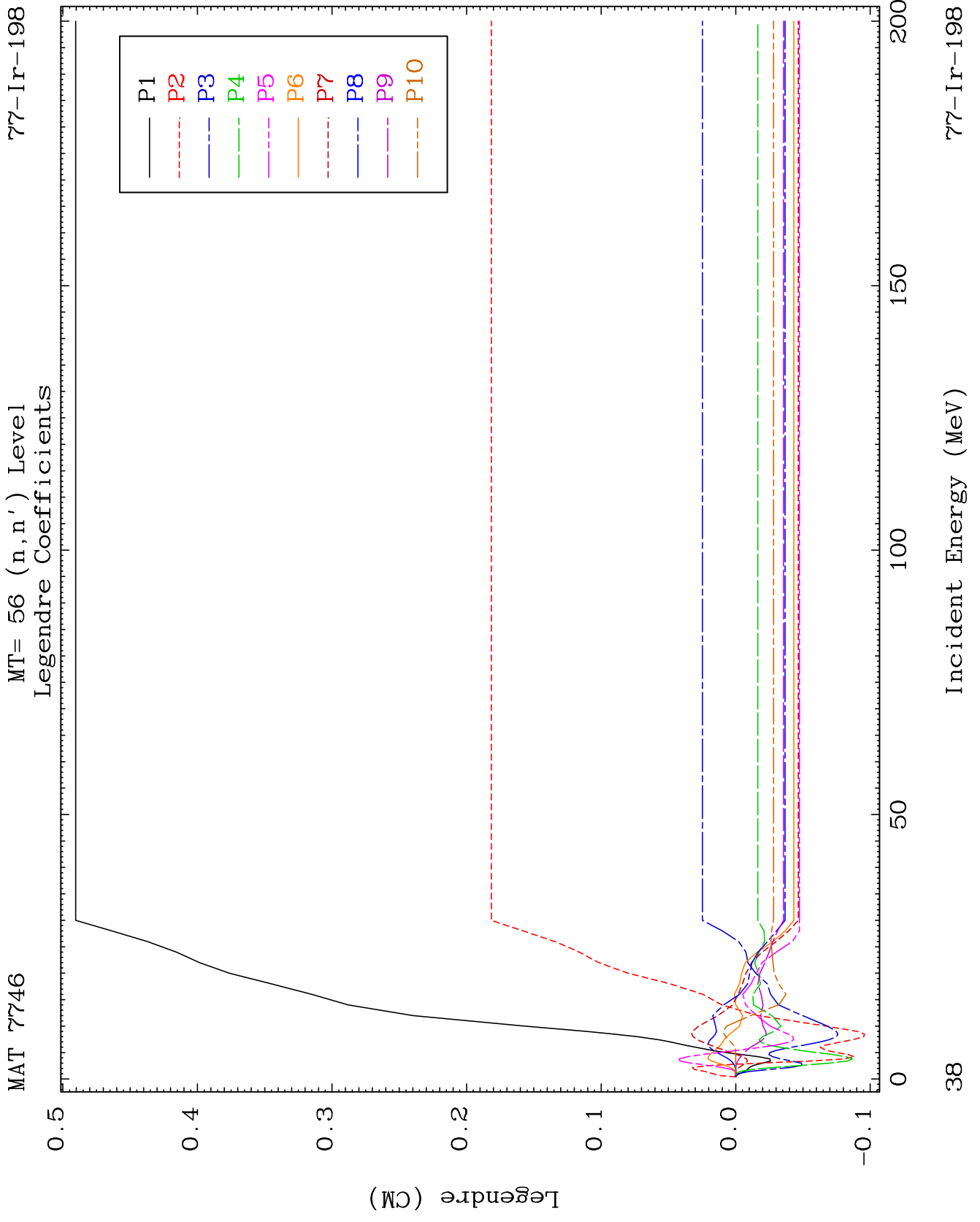


MAT 7746

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

77-Ir-198

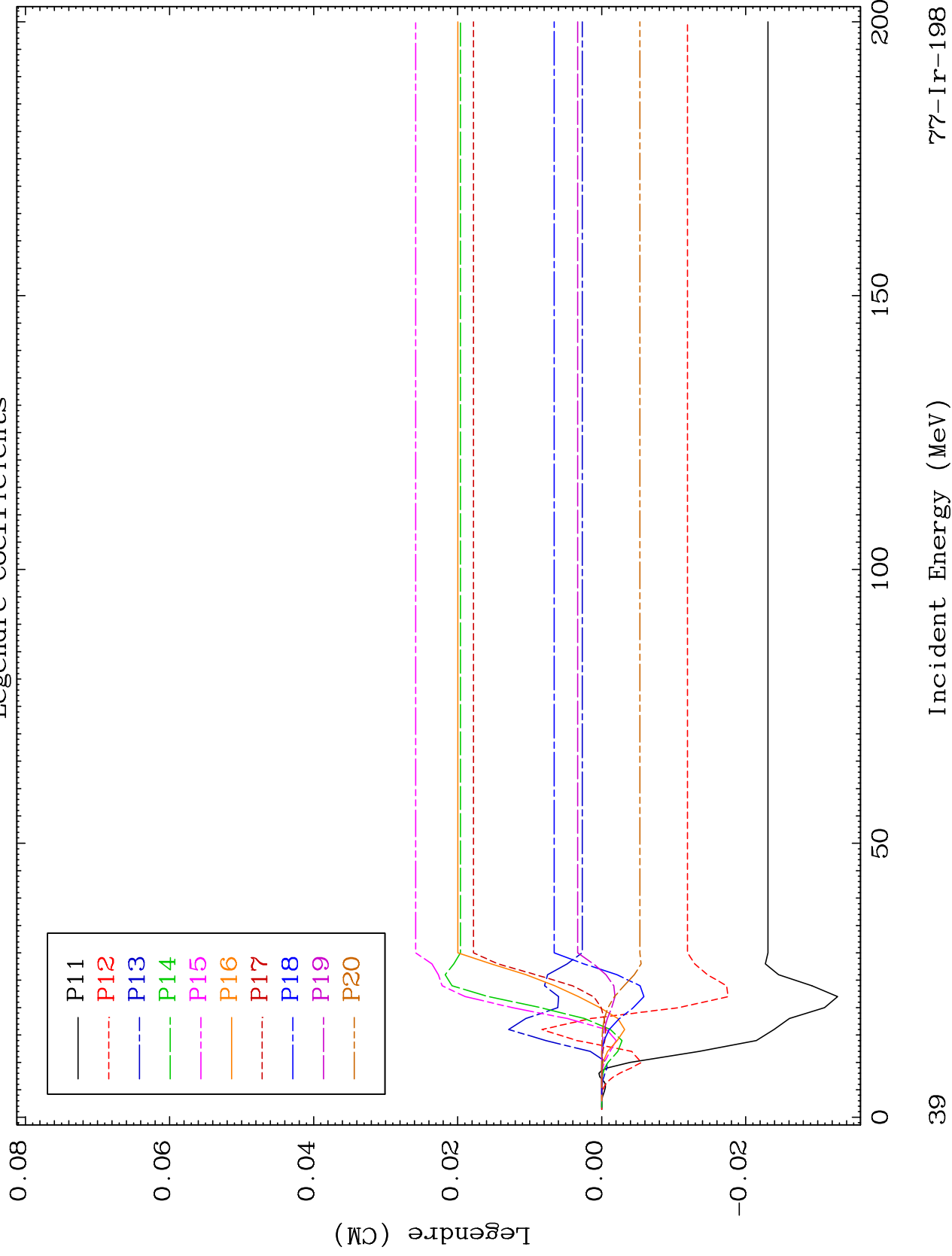




MAT 7746

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

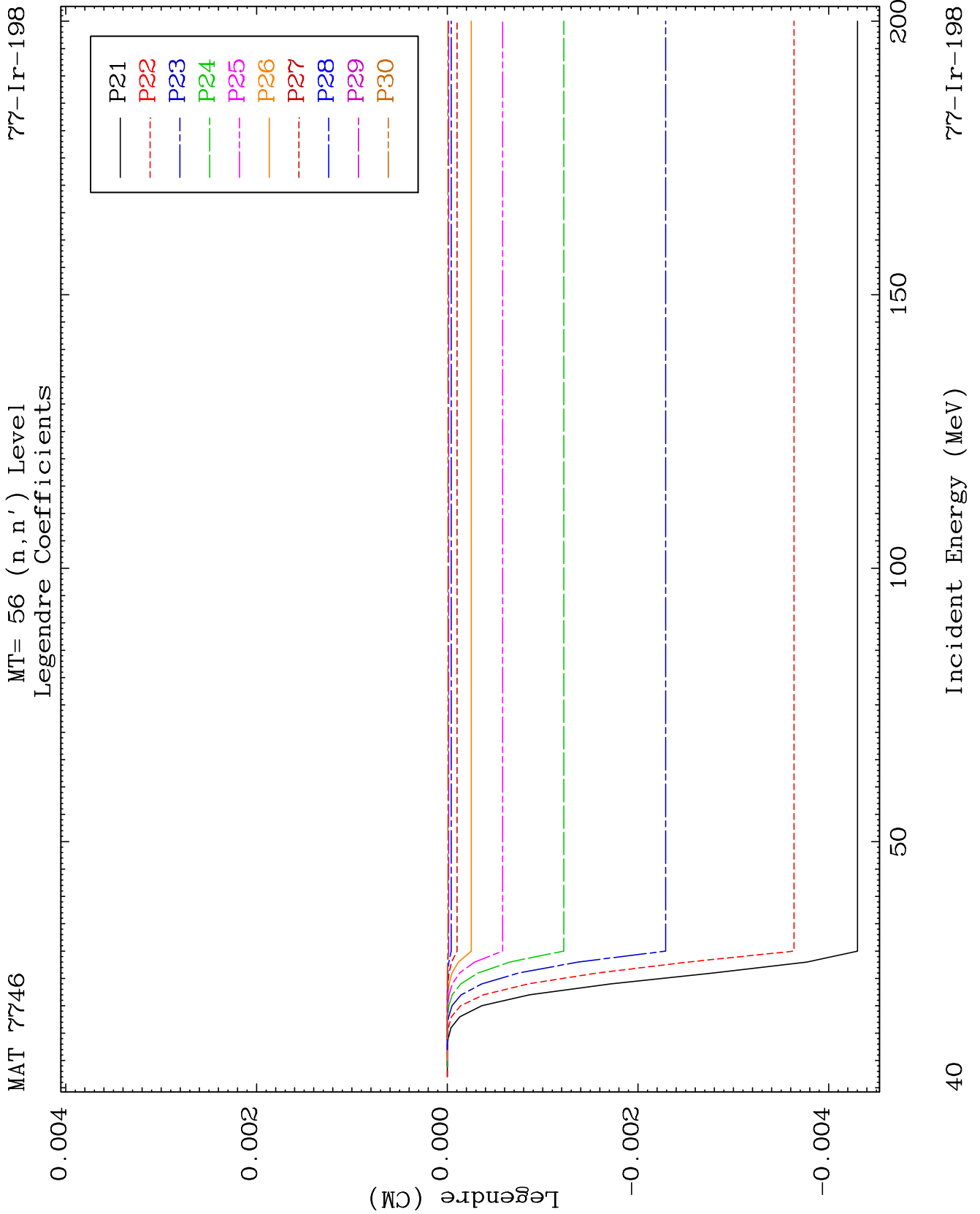
77-Ir-198

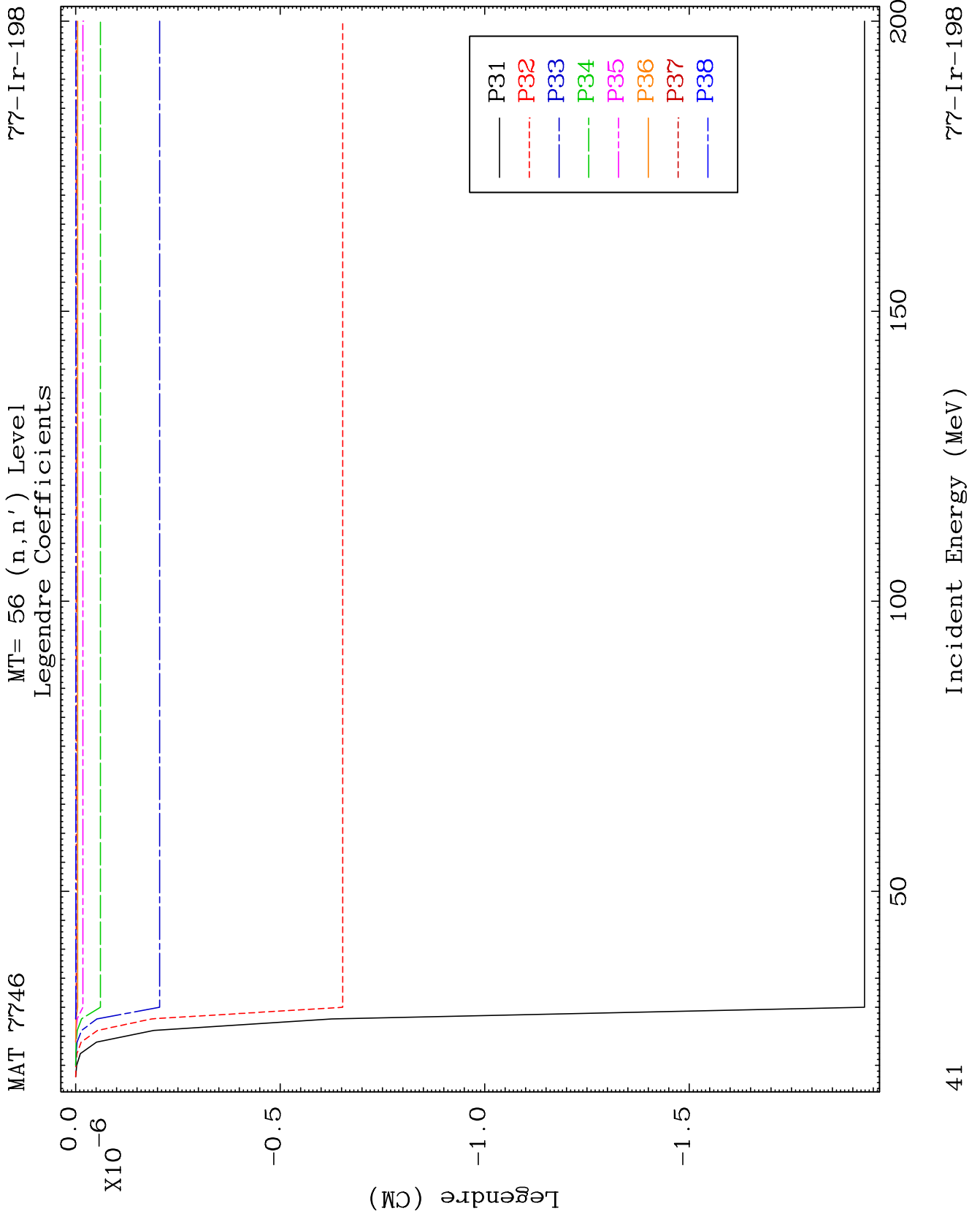


77-Ir-198

Incident Energy (MeV)

39

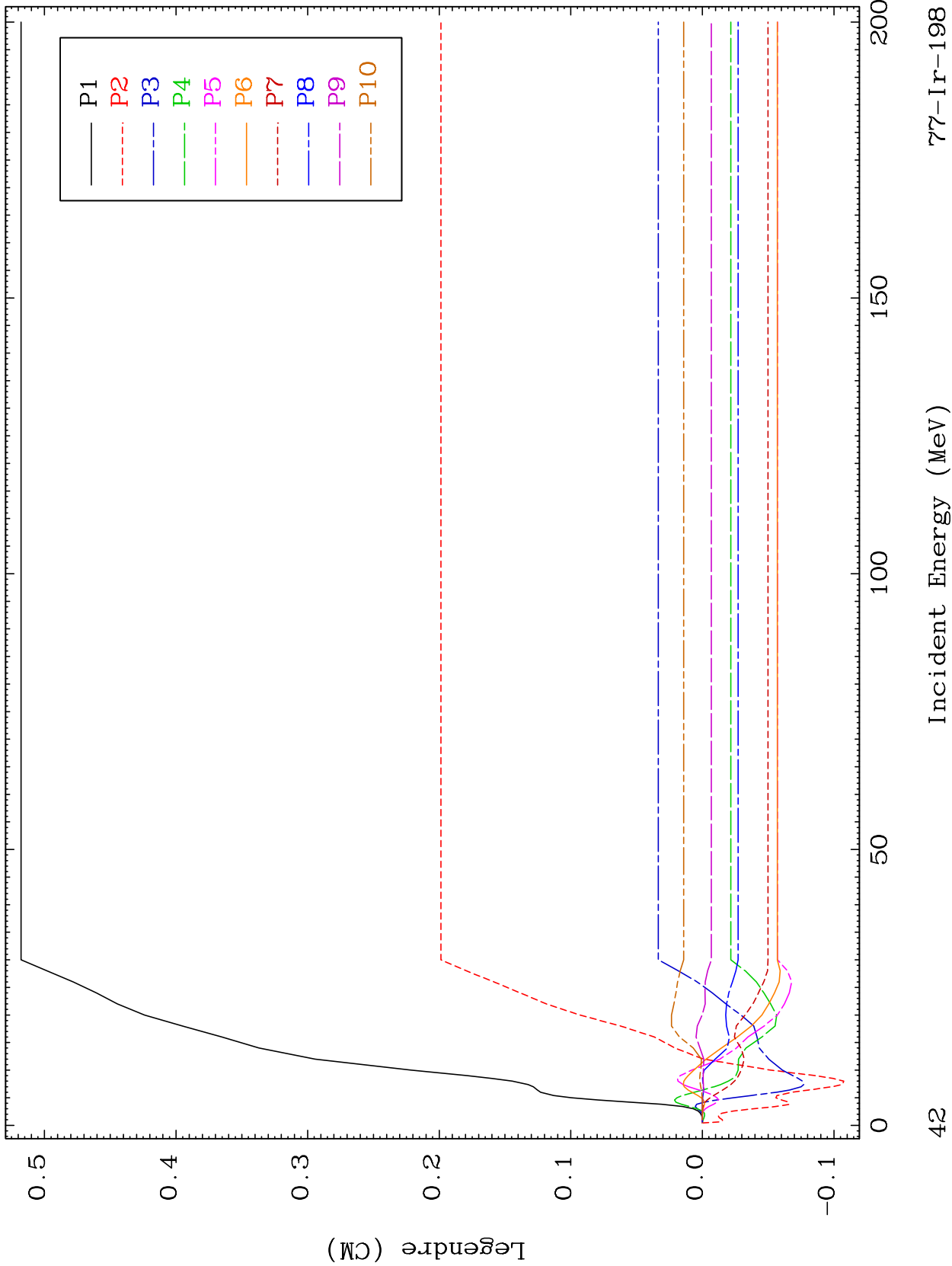




MAT 7746

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

77-Ir-198



77-Ir-198

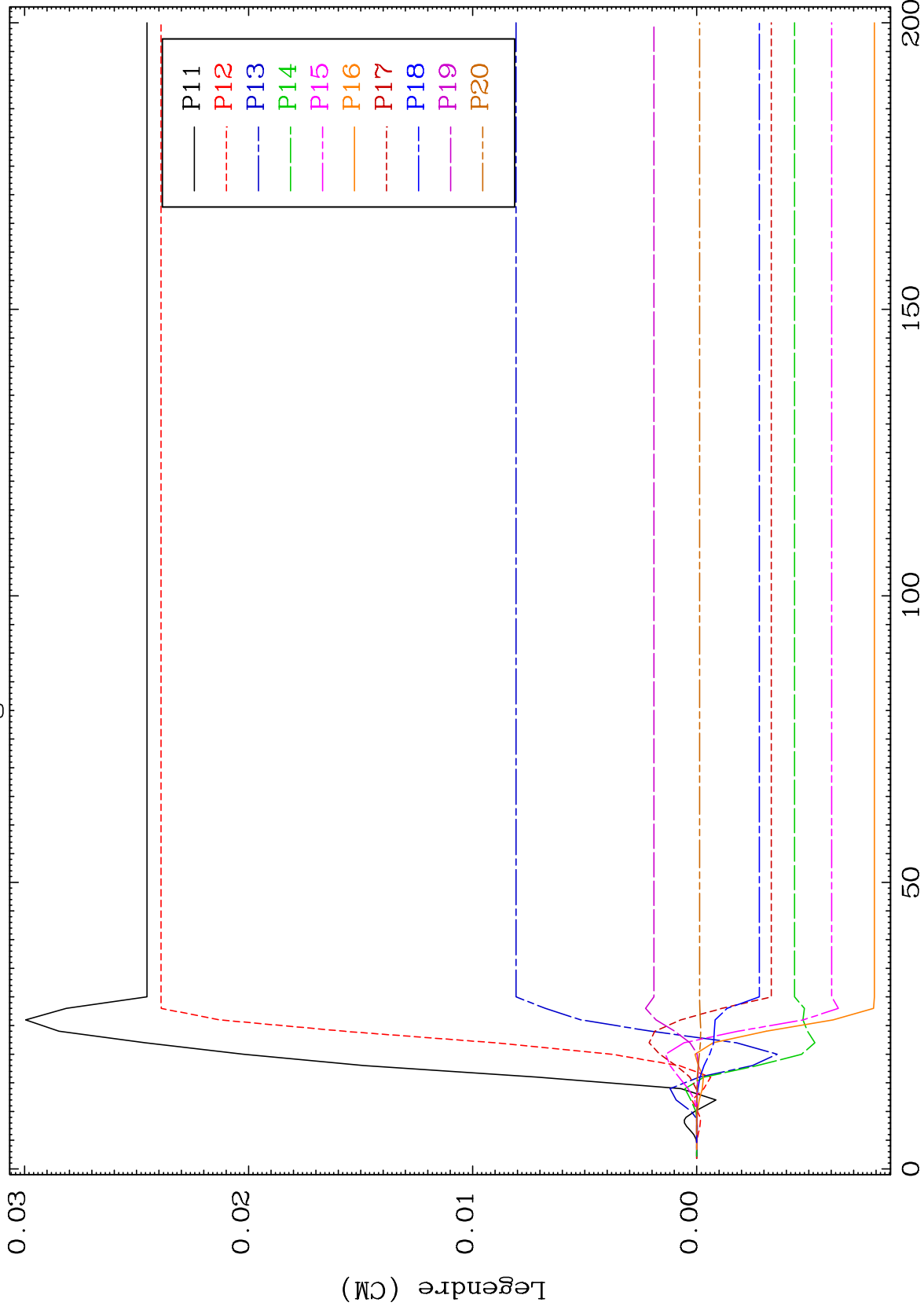
Incident Energy (MeV)

42

MAT 7746

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

77-Ir-198



43

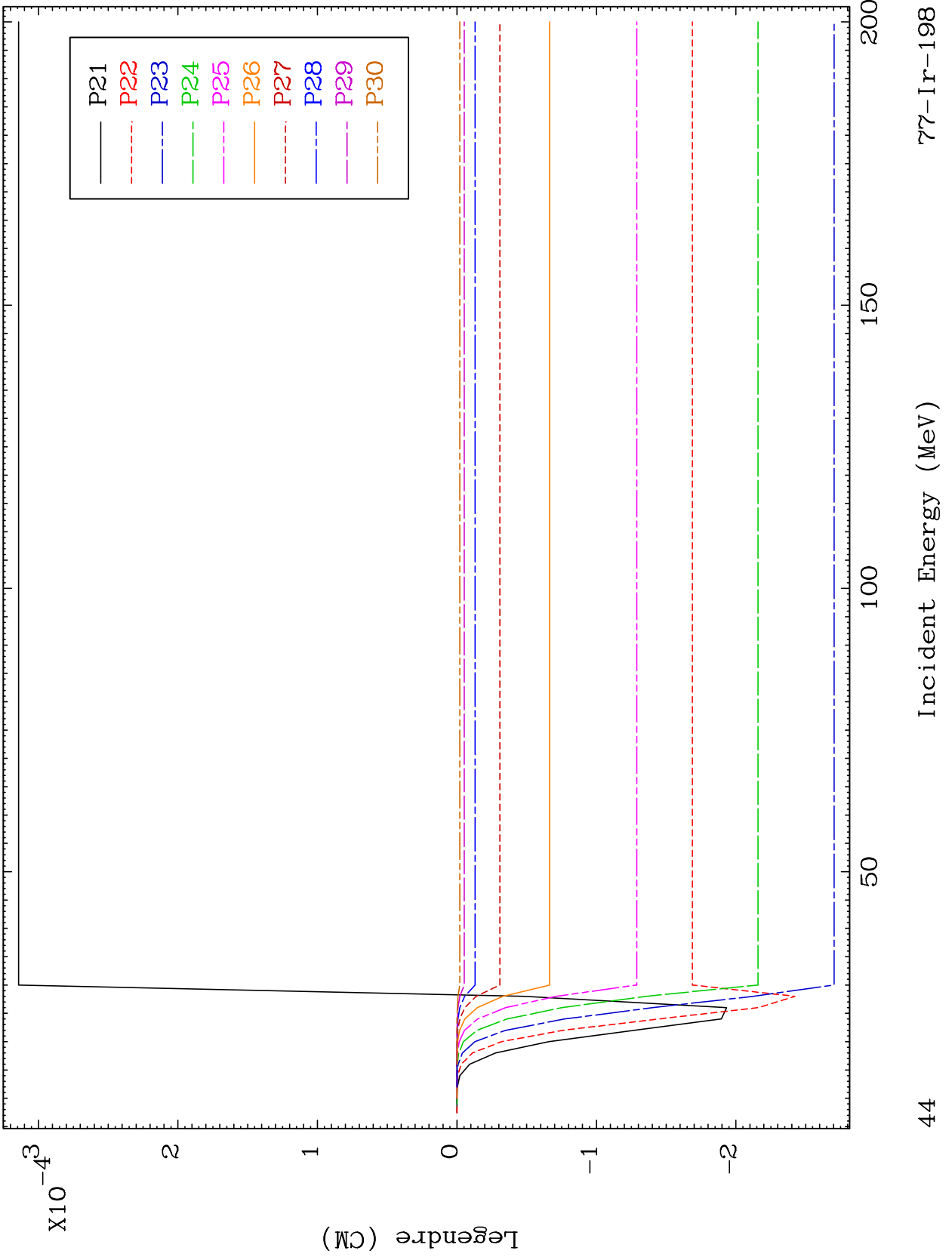
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



44

Incident Energy (MeV)

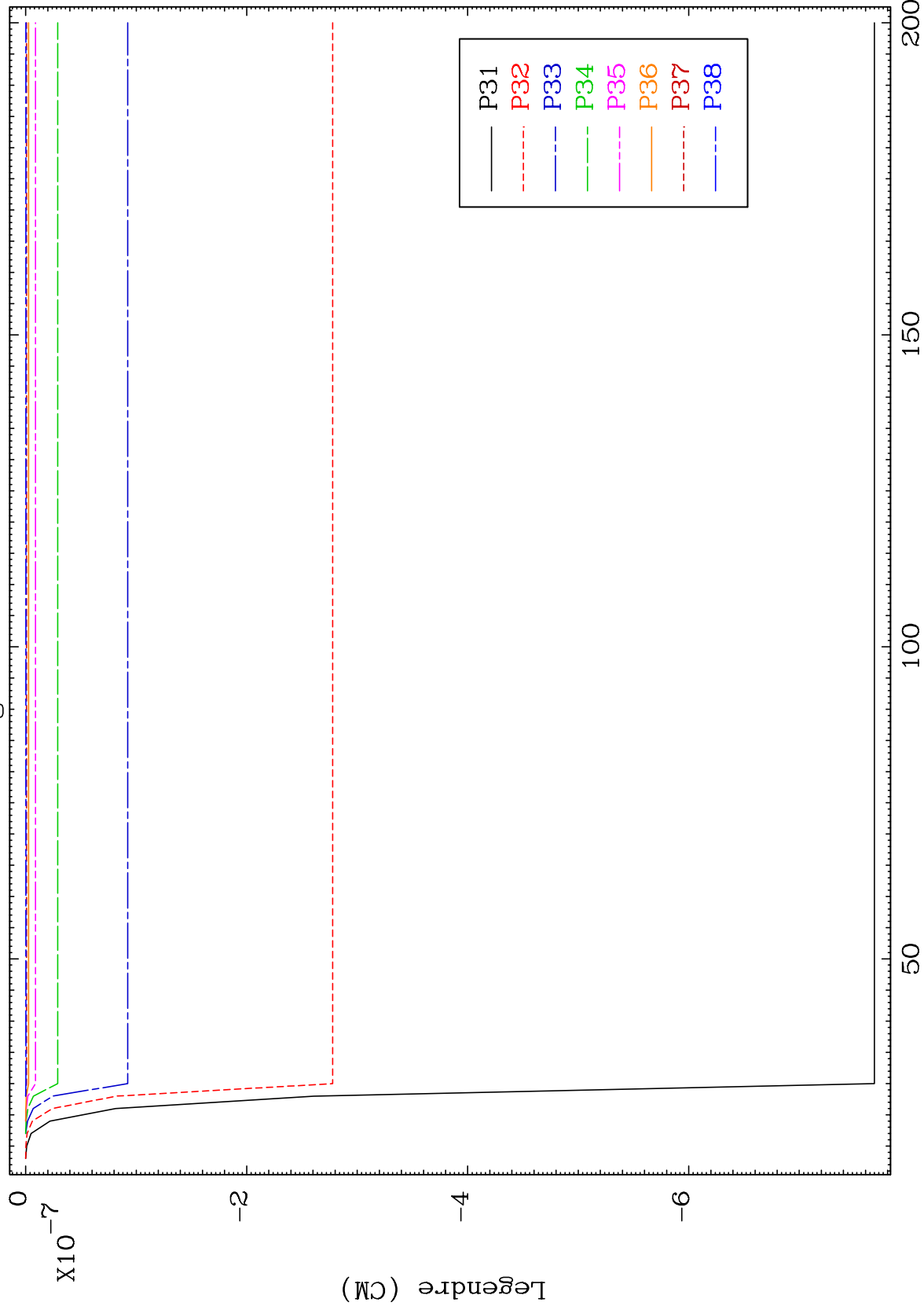
77-Ir-198

MAT 7746

MT= 57 (n,n') Level

77-Ir-198

Legendre Coefficients



77-Ir-198

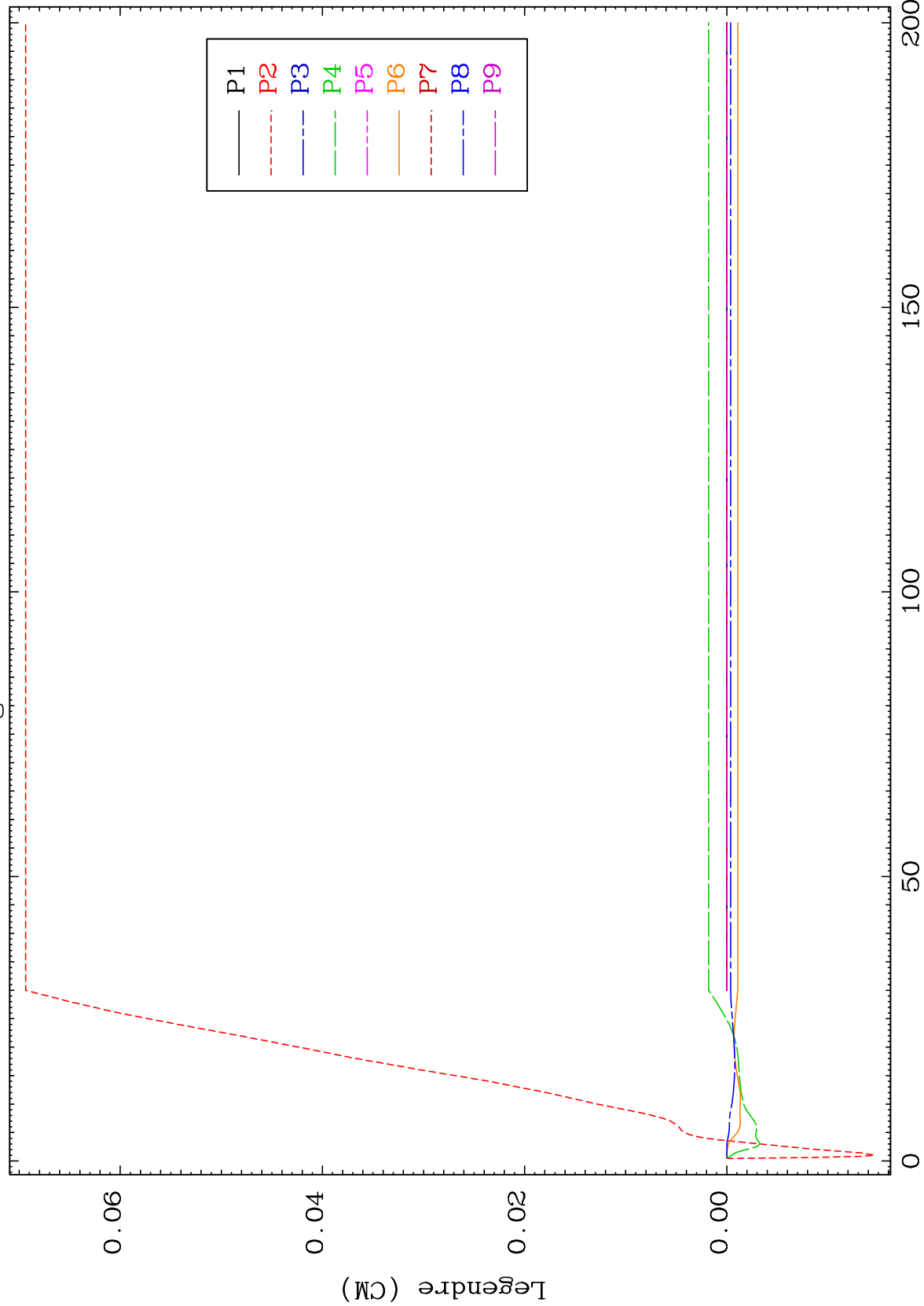
Incident Energy (MeV)

45

MAT 7746

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

77-Ir-198



46

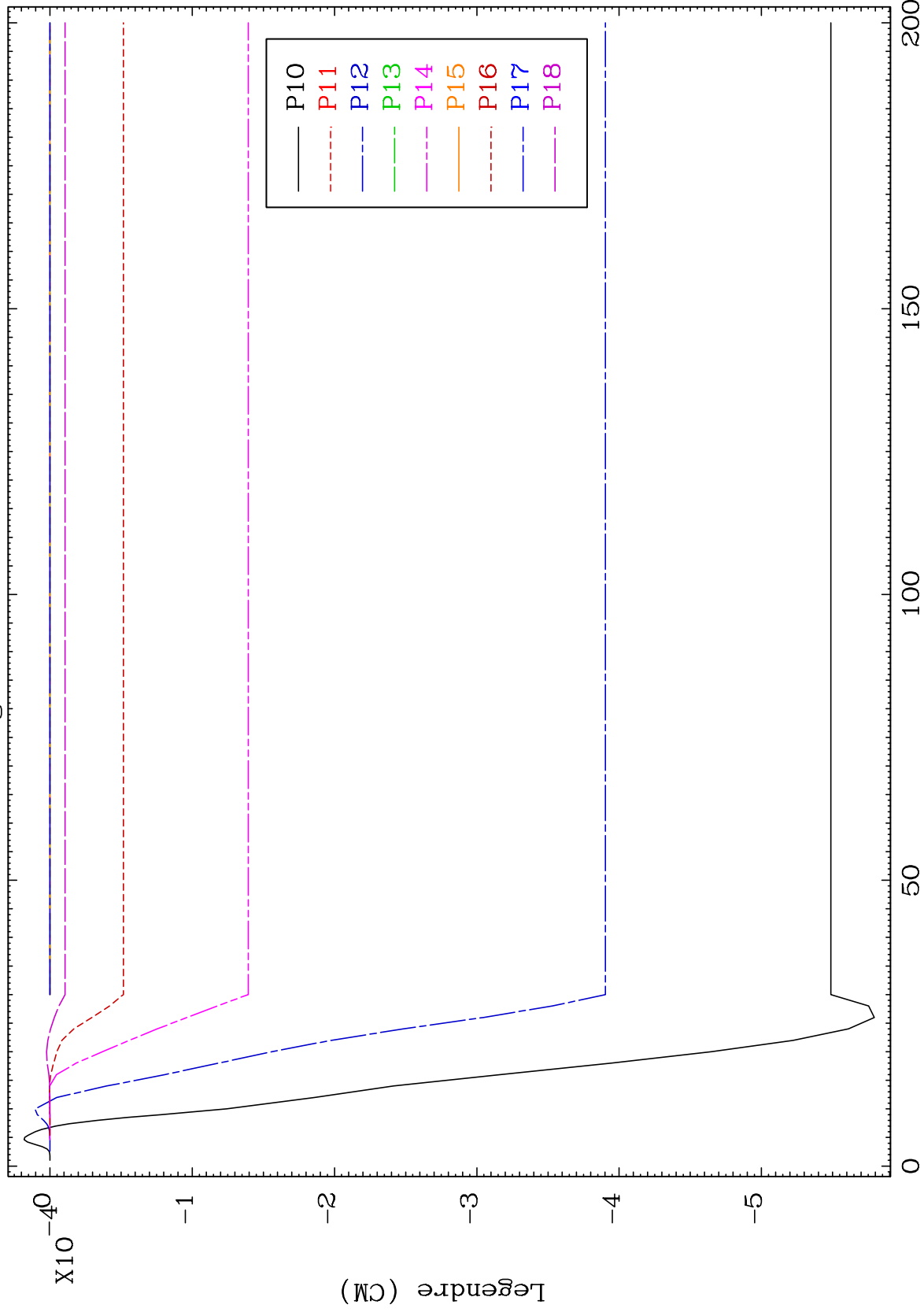
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



47

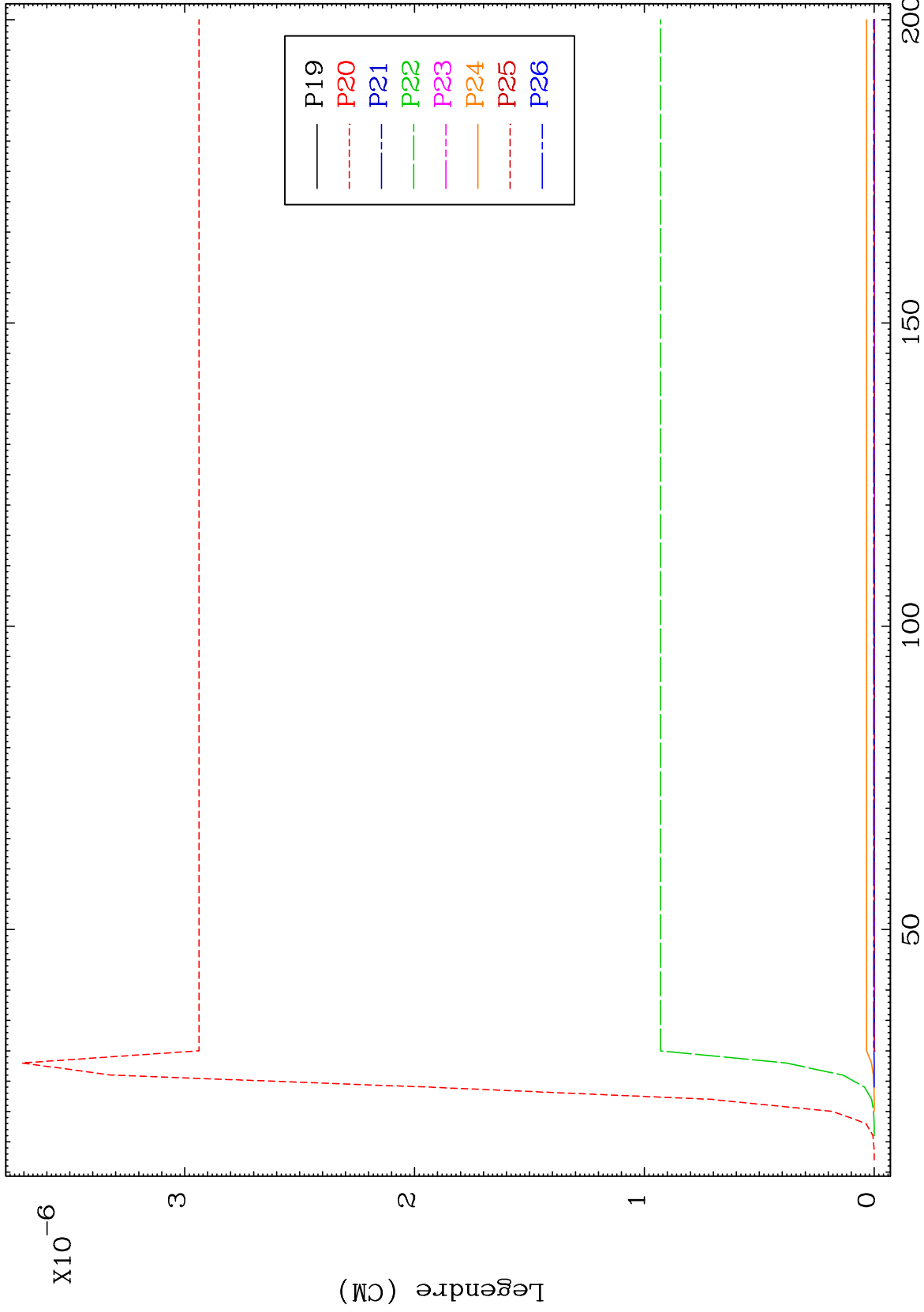
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



48

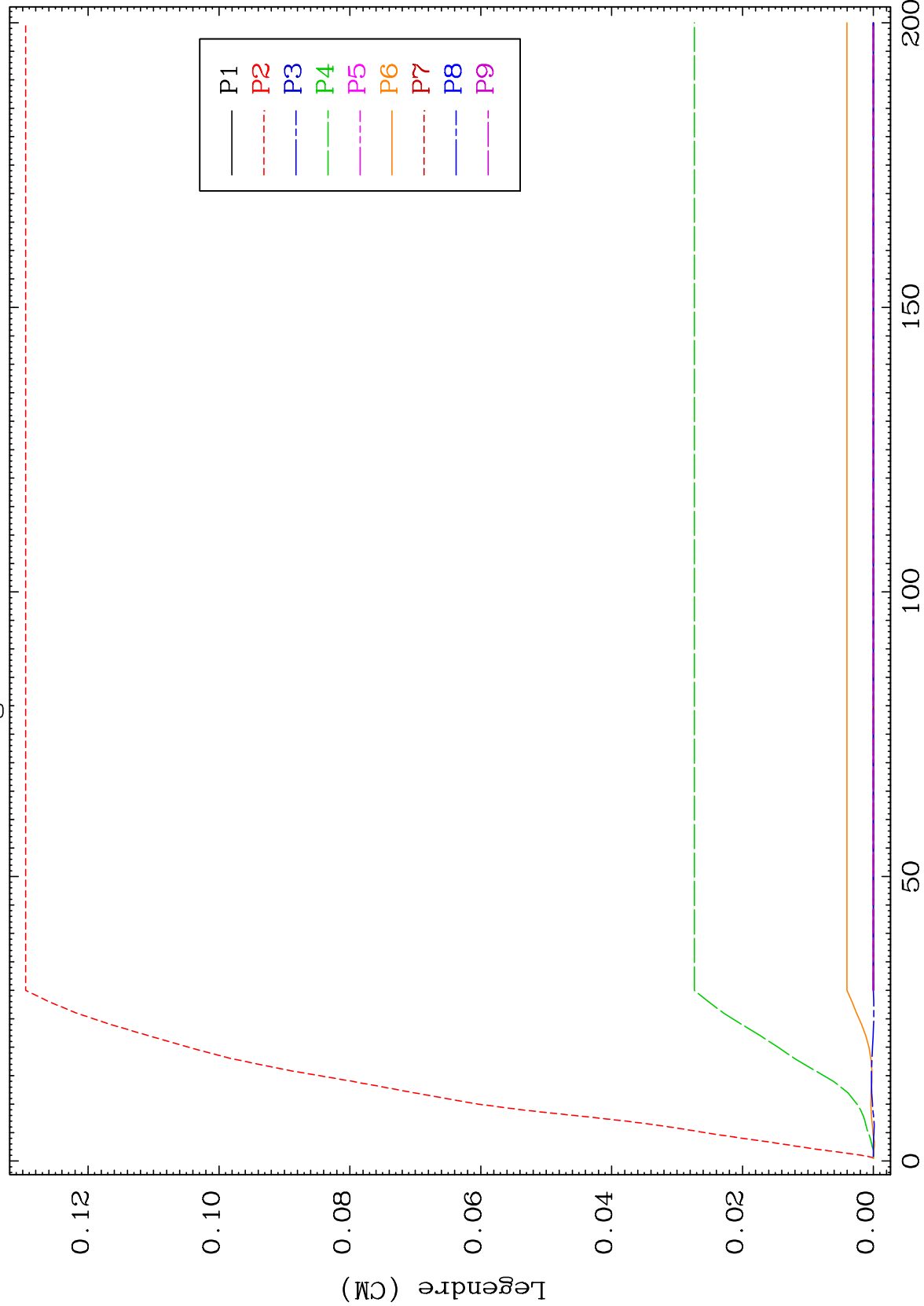
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



49

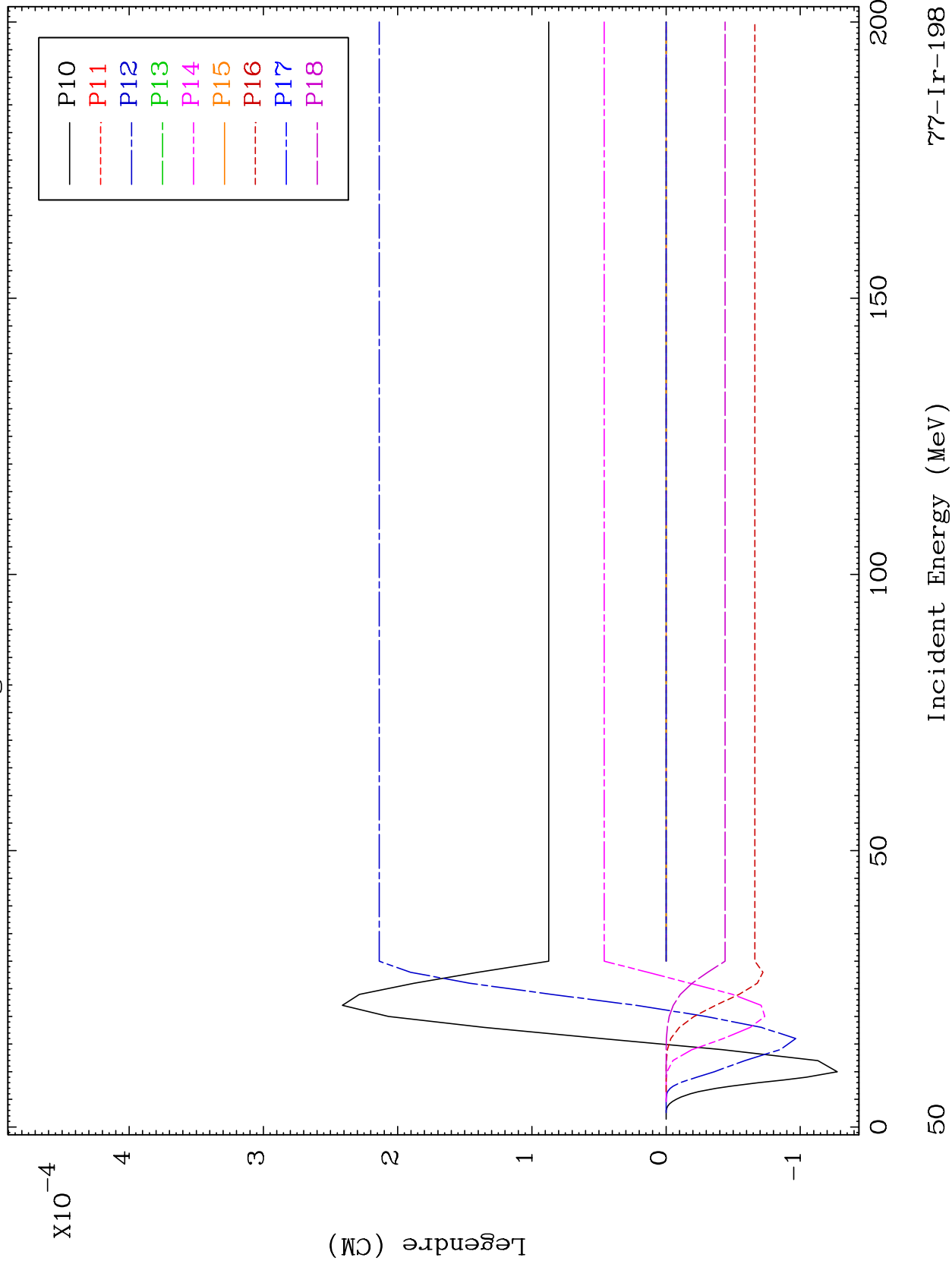
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198

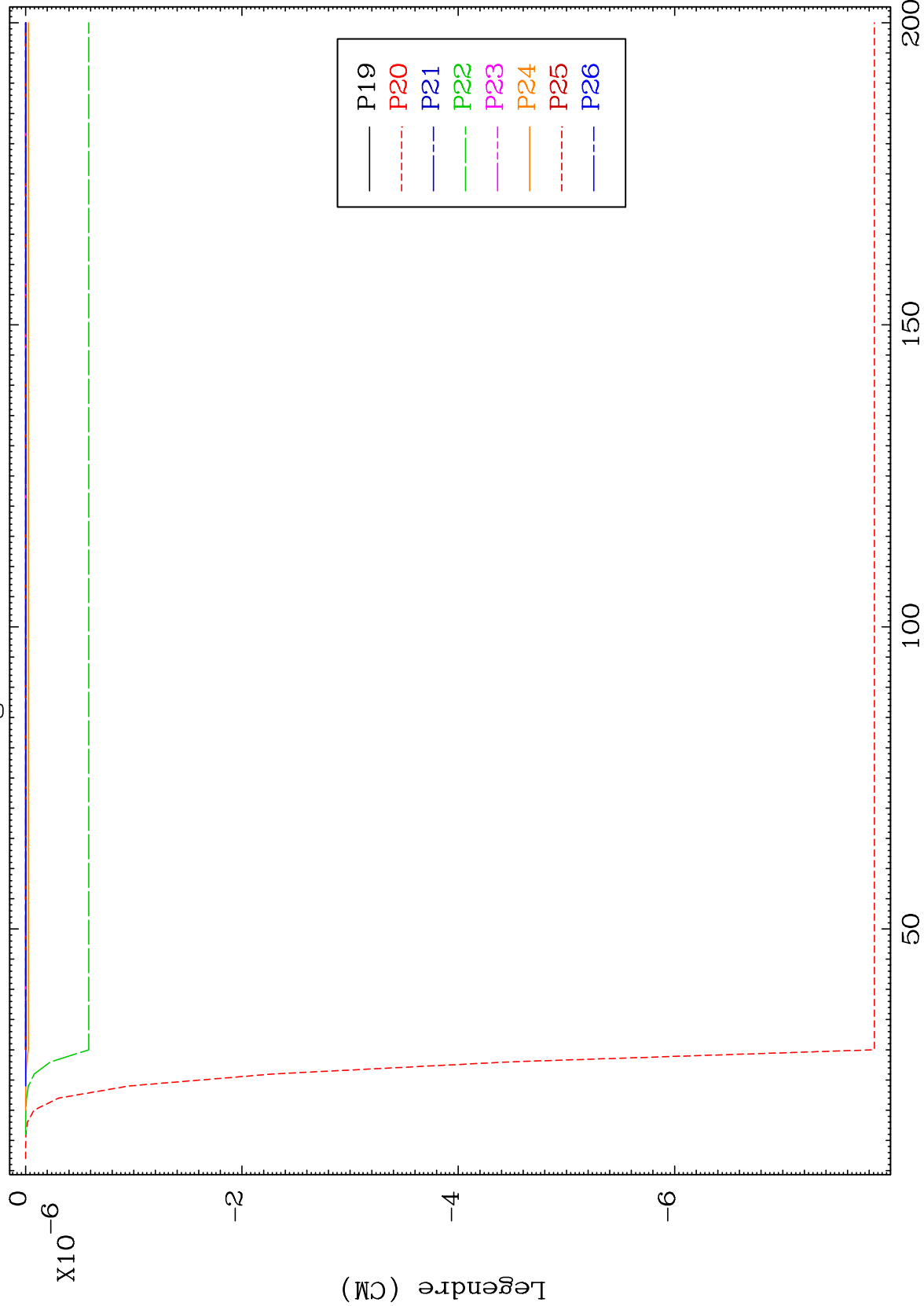


77-Ir-198

MAT 7746

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

77-Ir-198



51

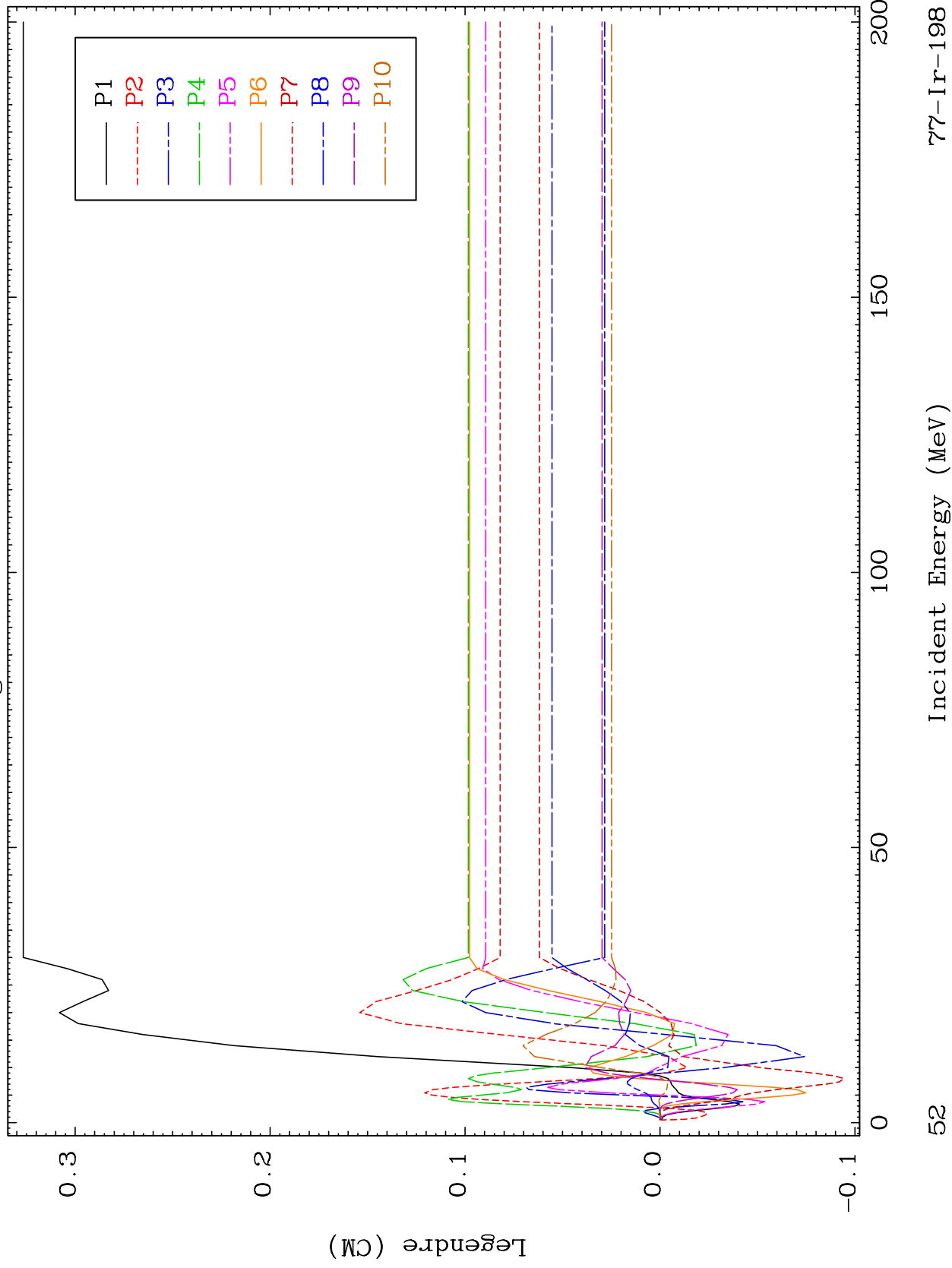
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

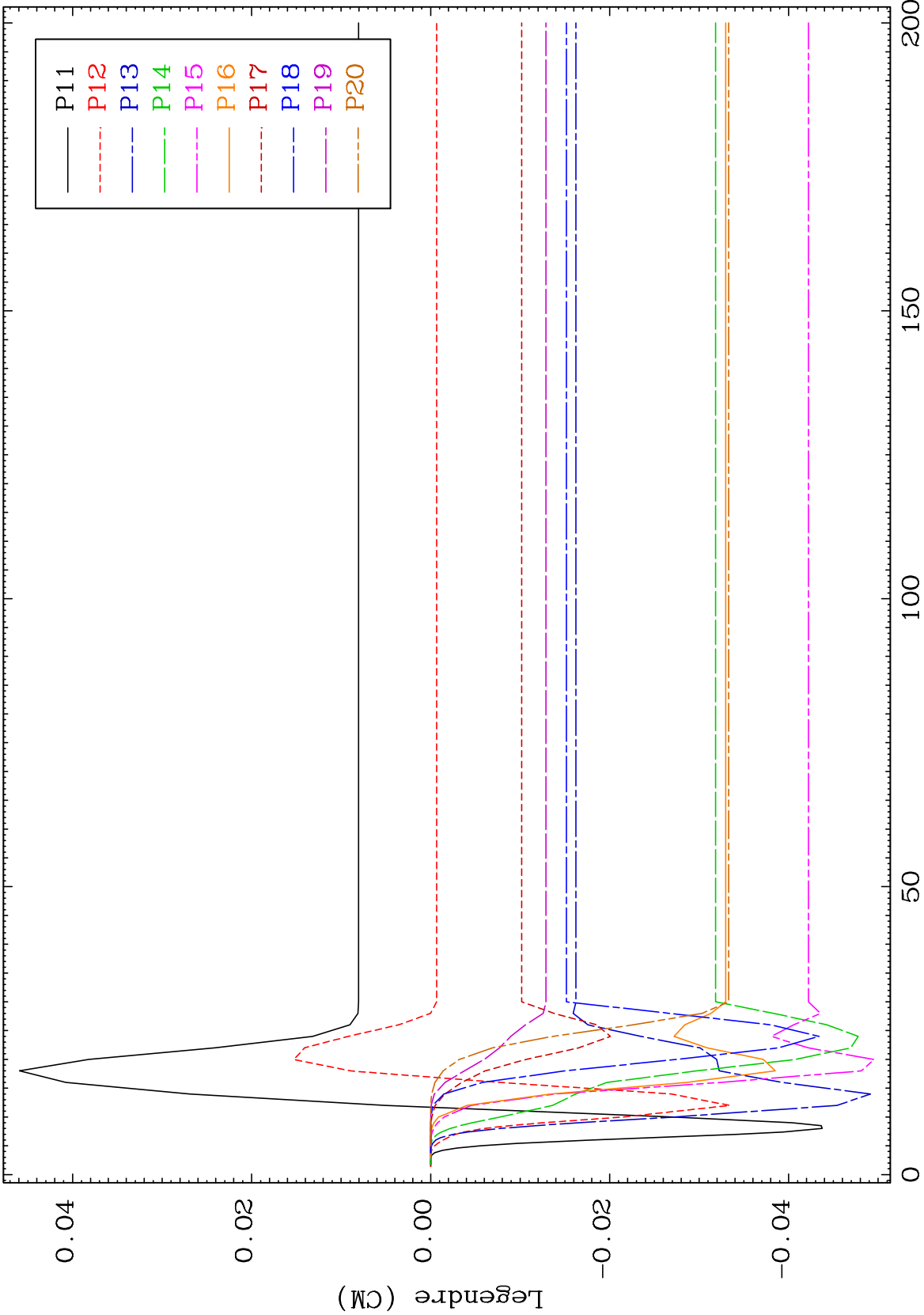
77-Ir-198

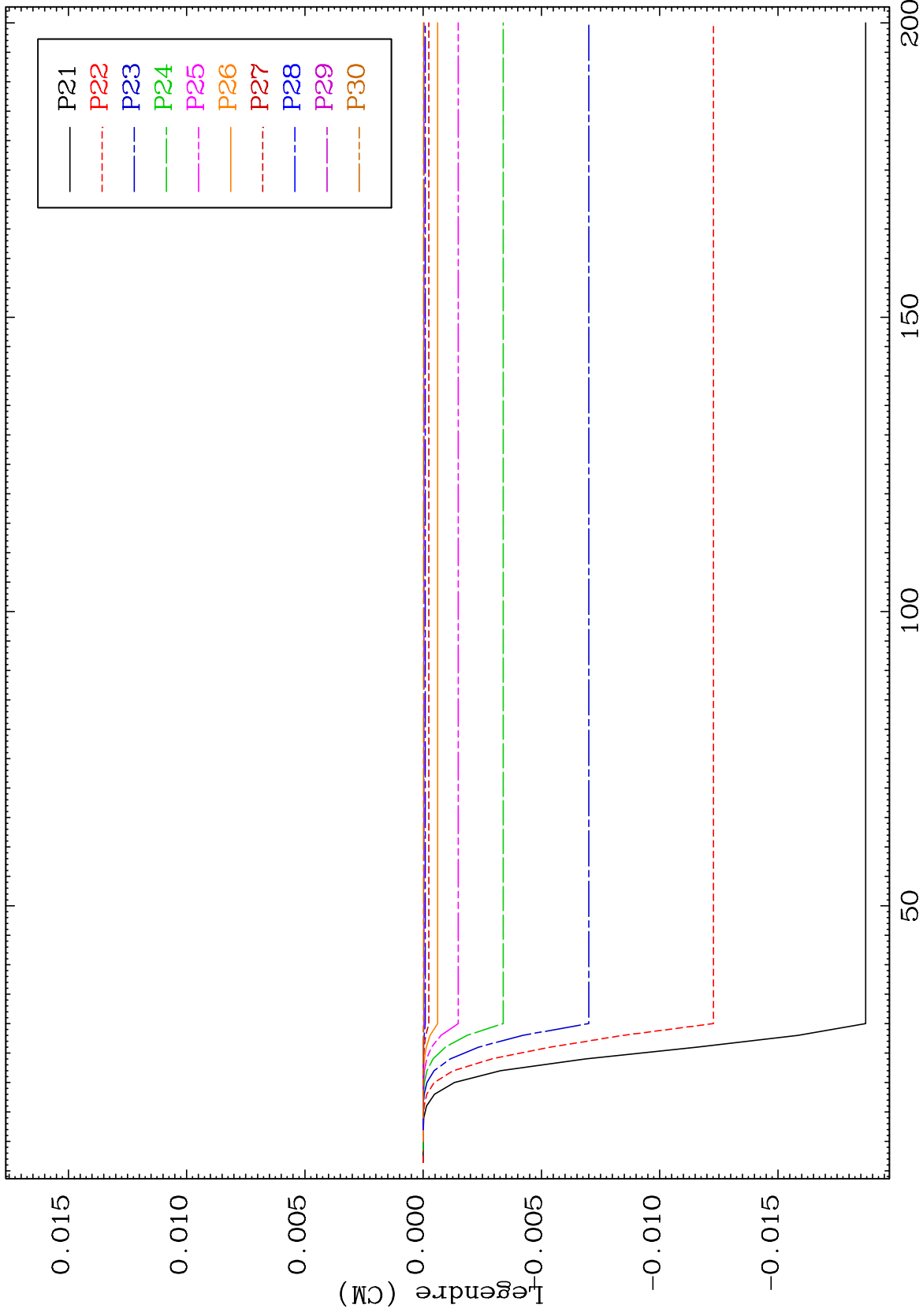


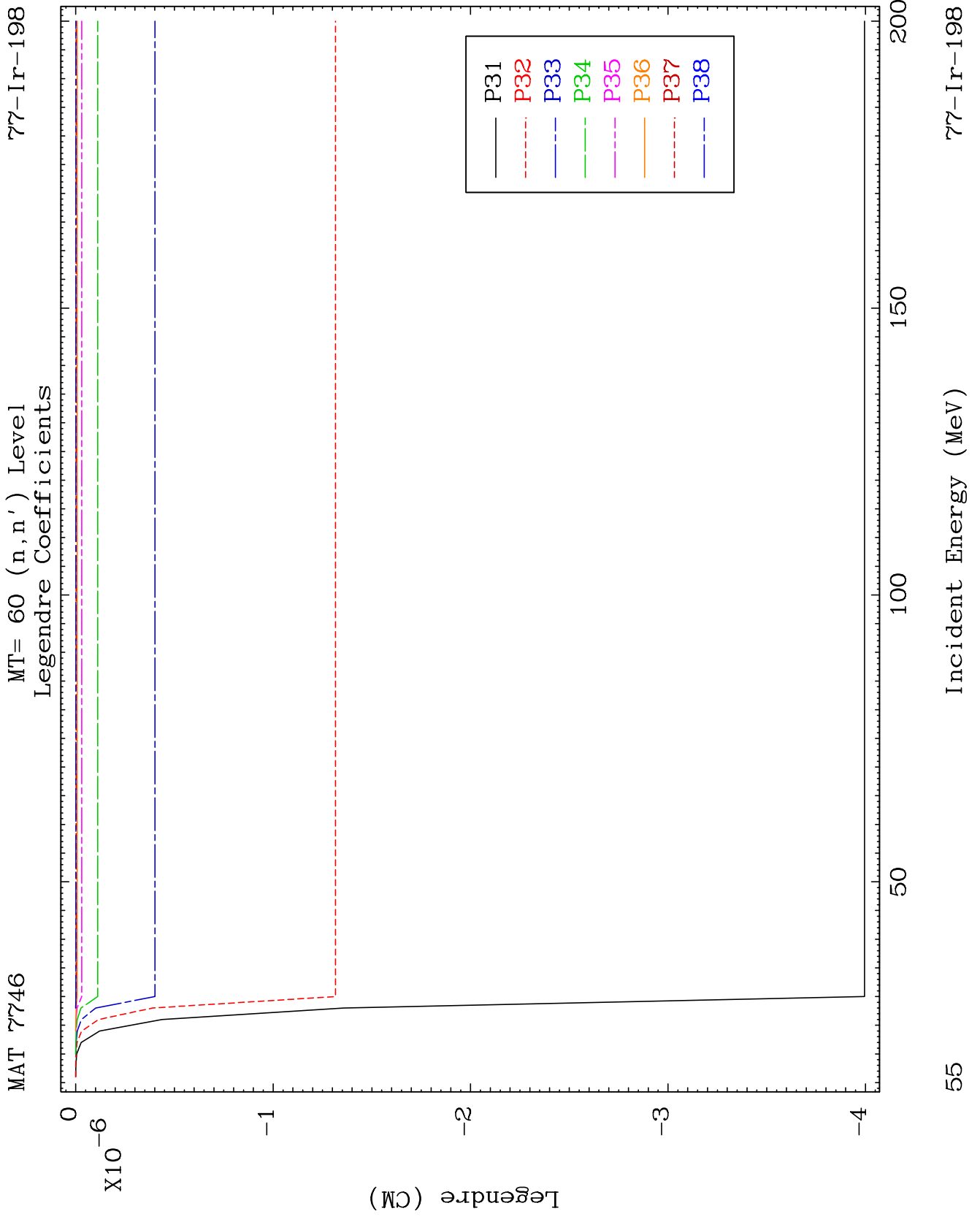
52

77-Ir-198

MAT 7746 MT= 60 (n,n') Level Legendre Coefficients 77-Ir-198



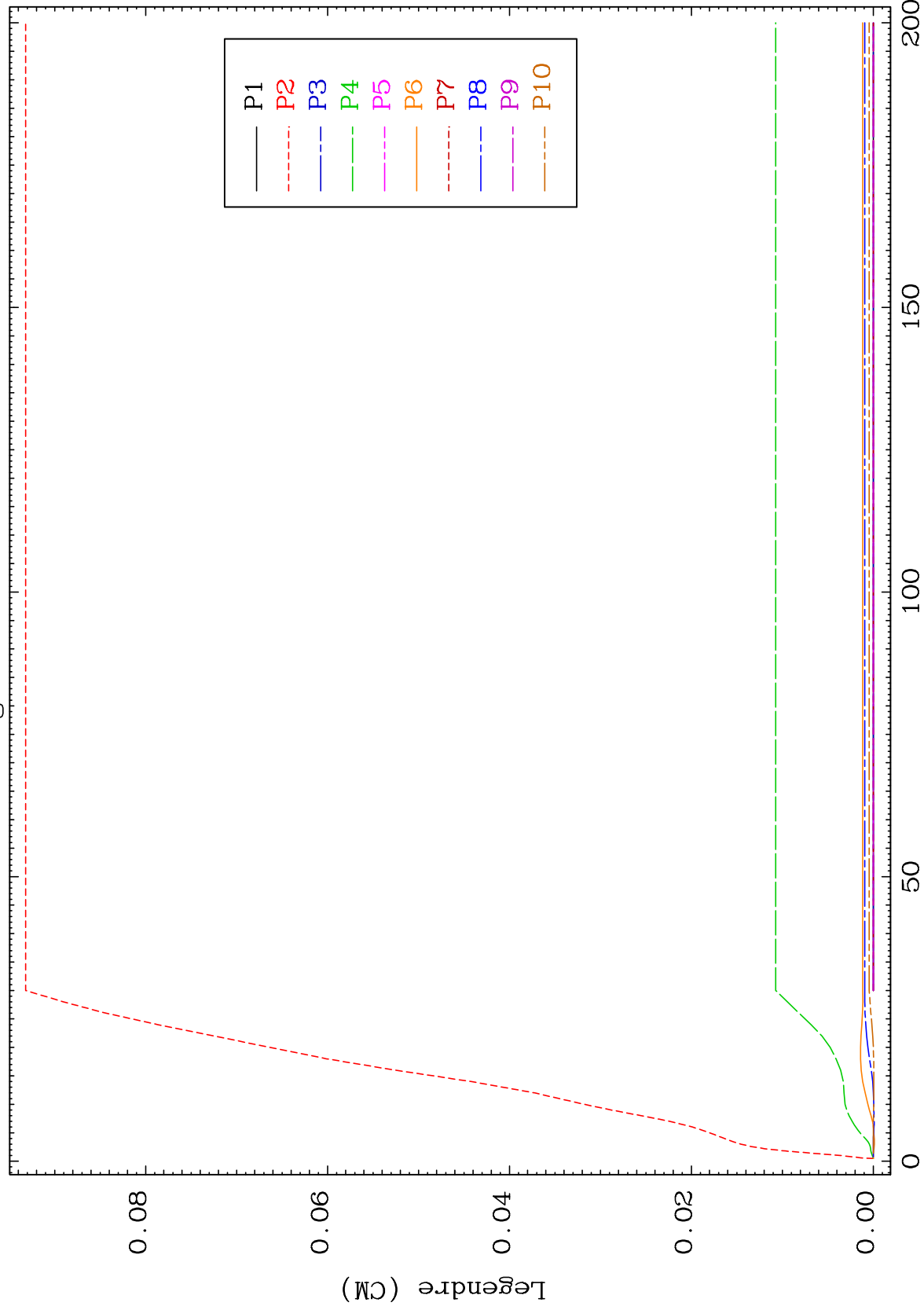




MAT 7746

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

77-Ir-198



56

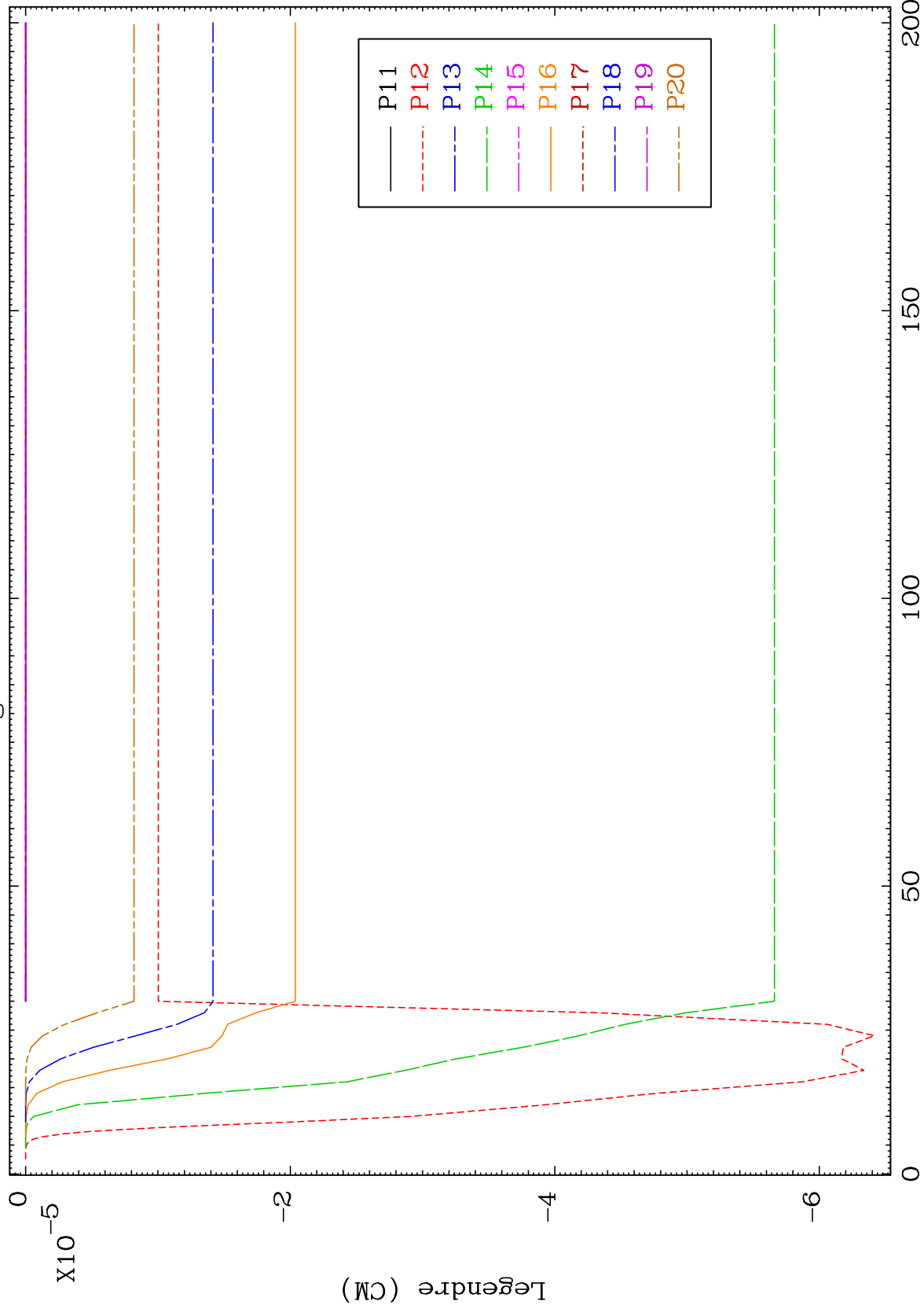
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



57

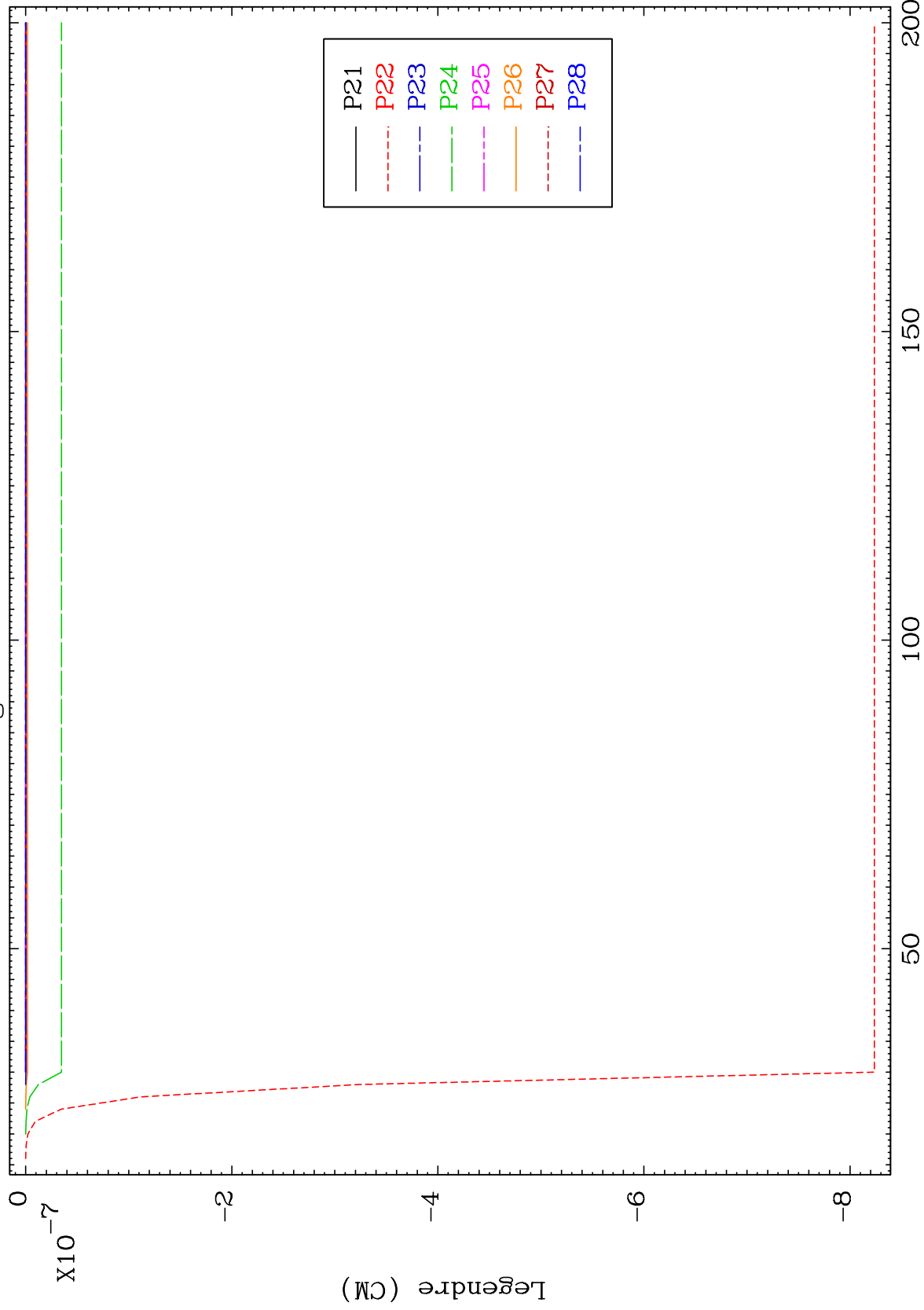
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



58

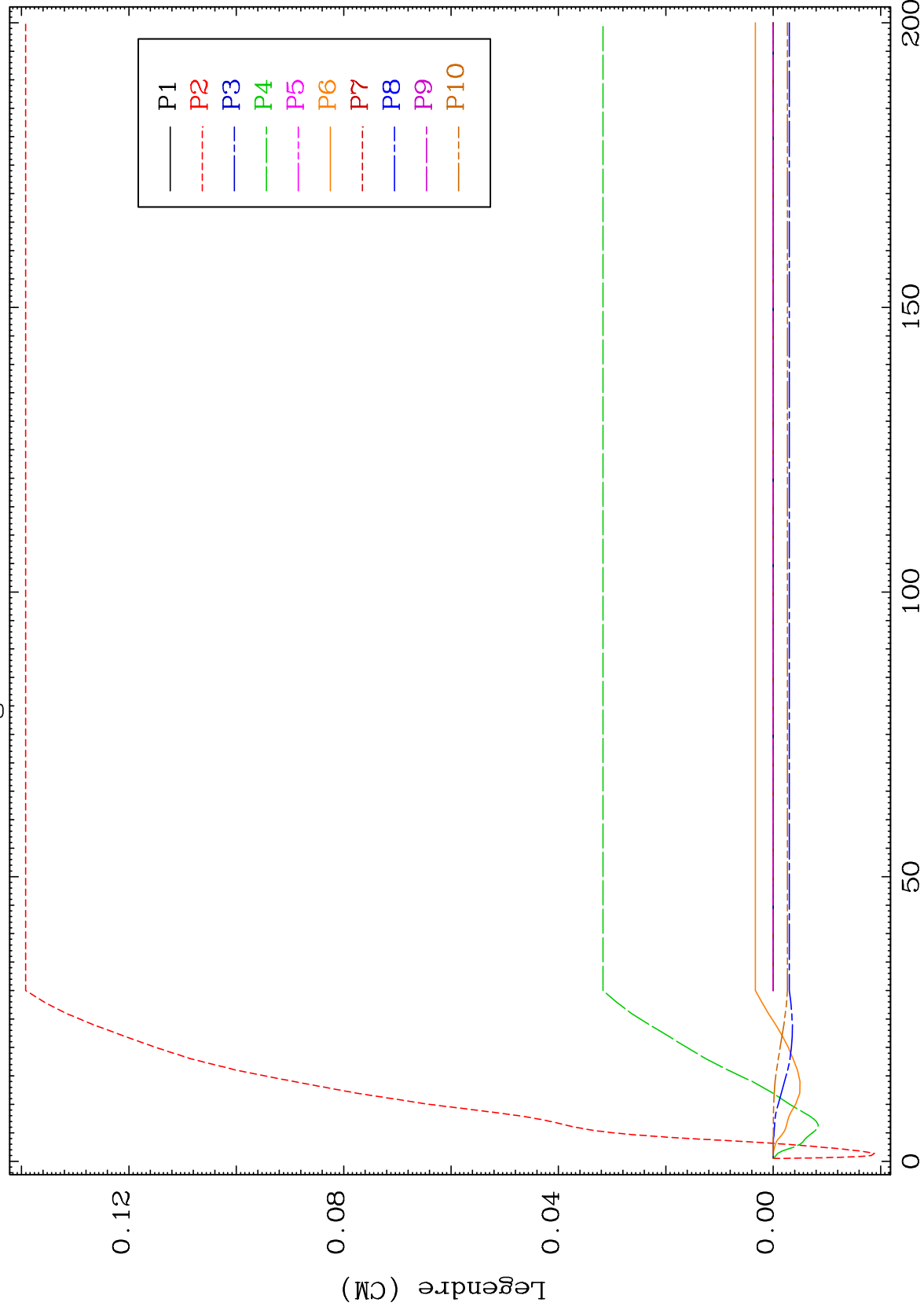
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

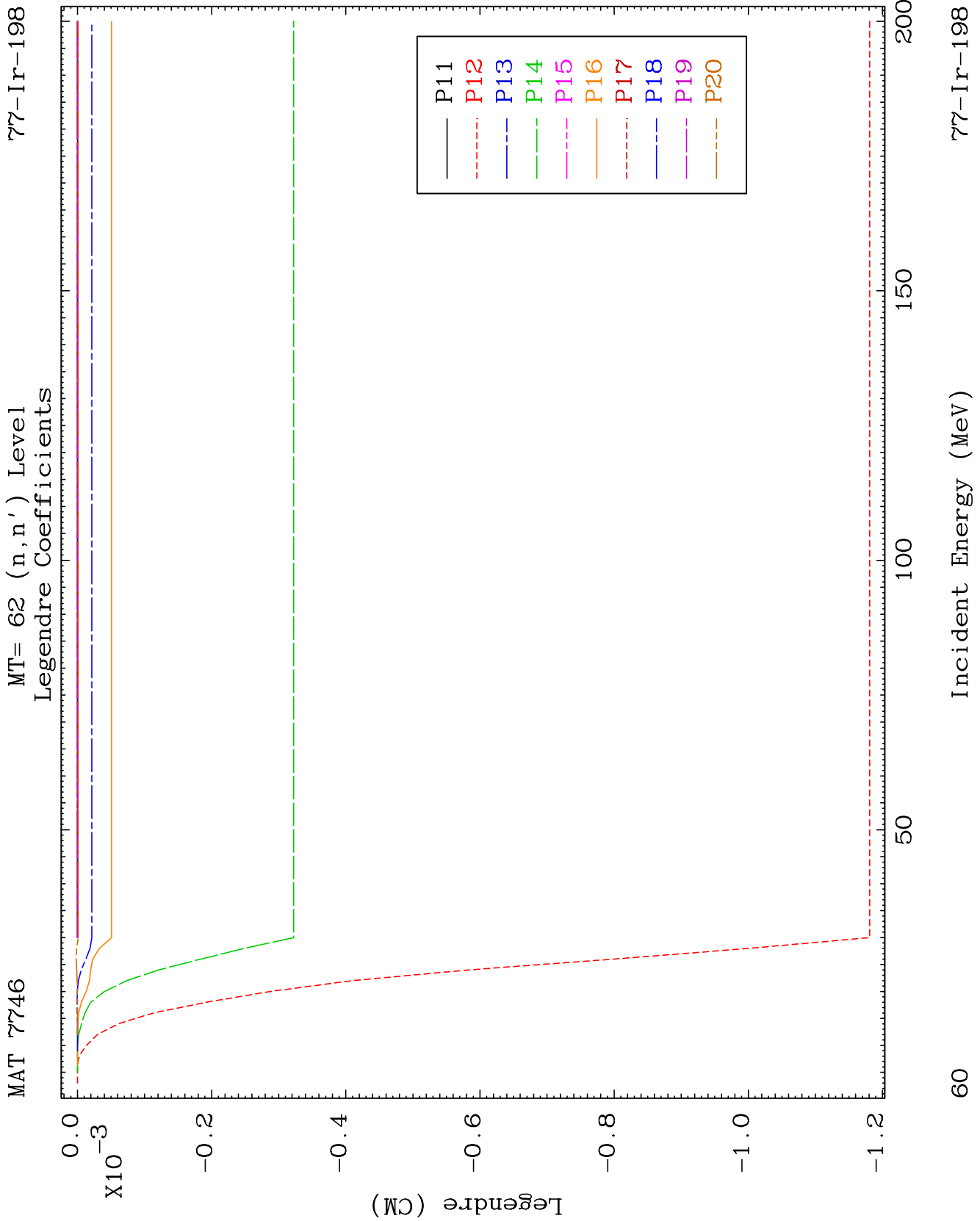
77-Ir-198



77-Ir-198

Incident Energy (MeV)

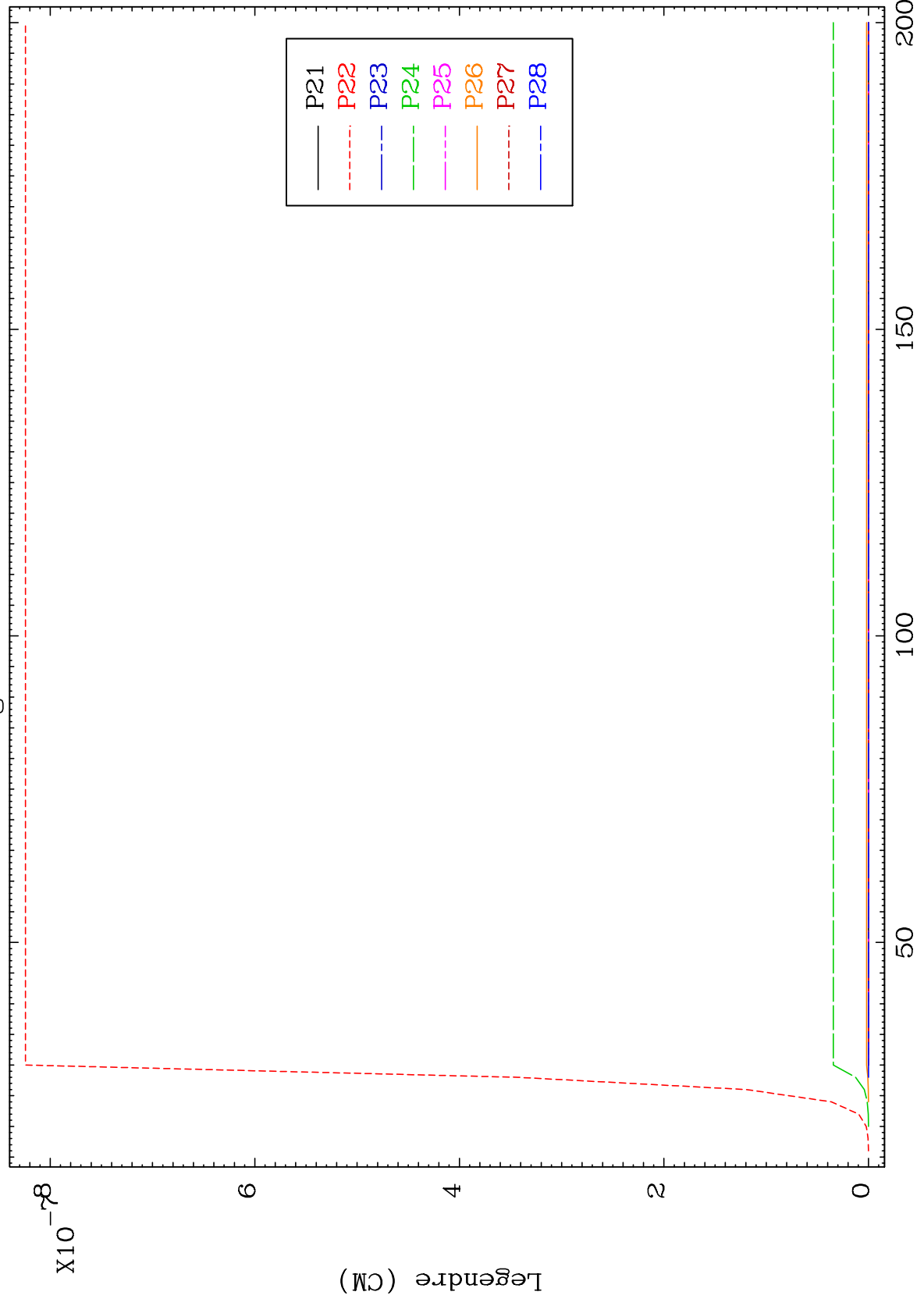
59



MAT 7746

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

77-Ir-198



61

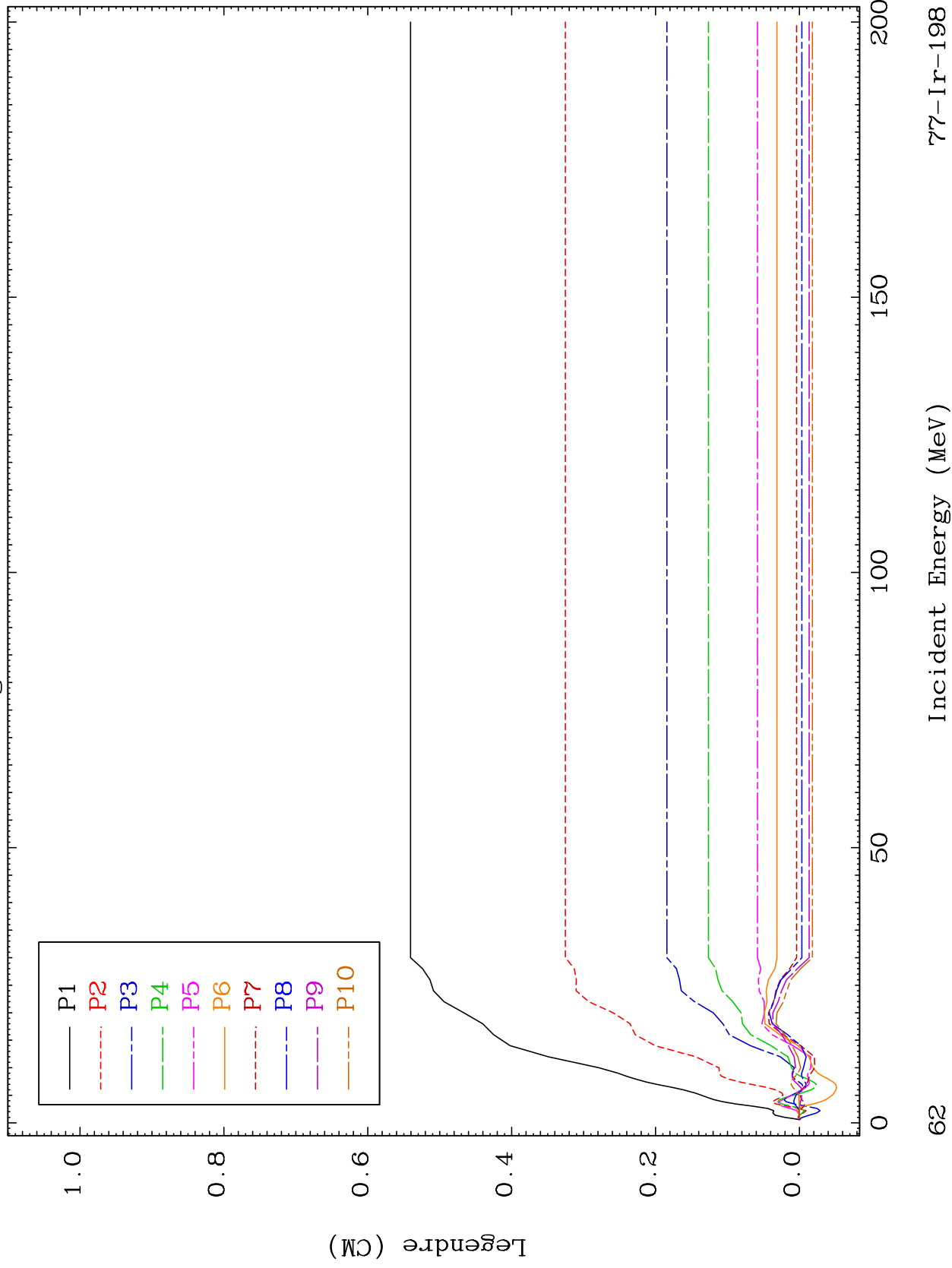
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198

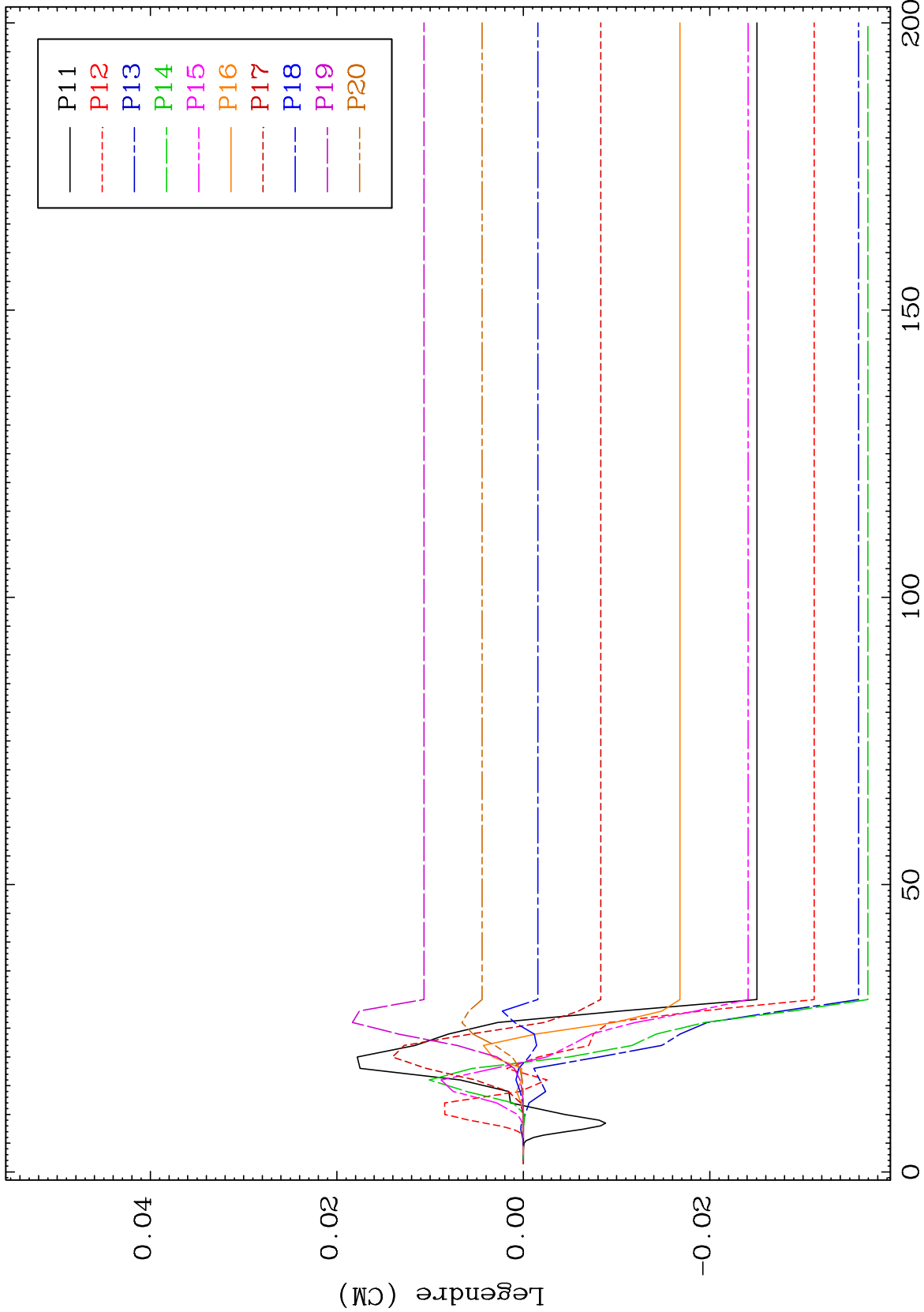


62

MAT 7746

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

77-Ir-198



63

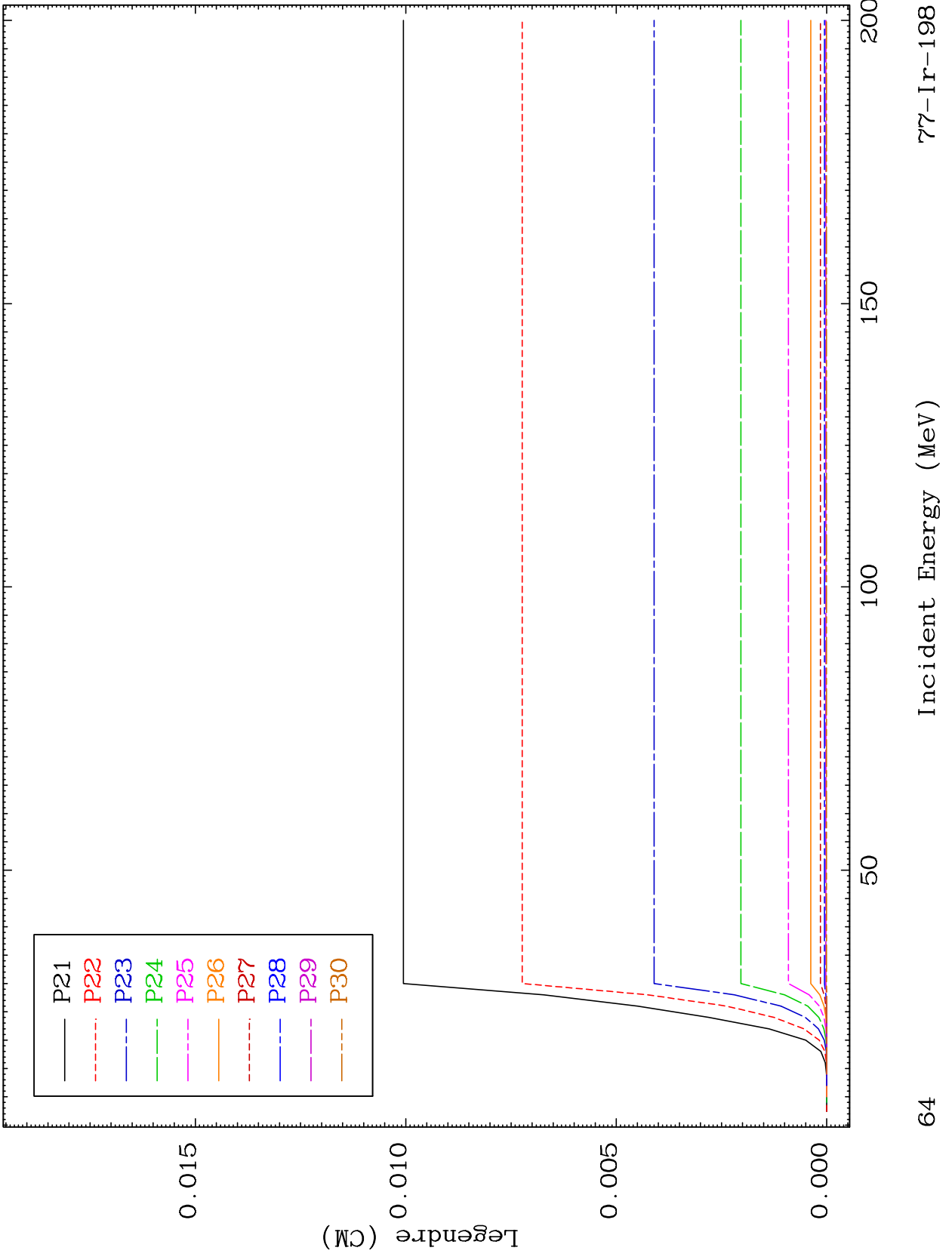
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



64

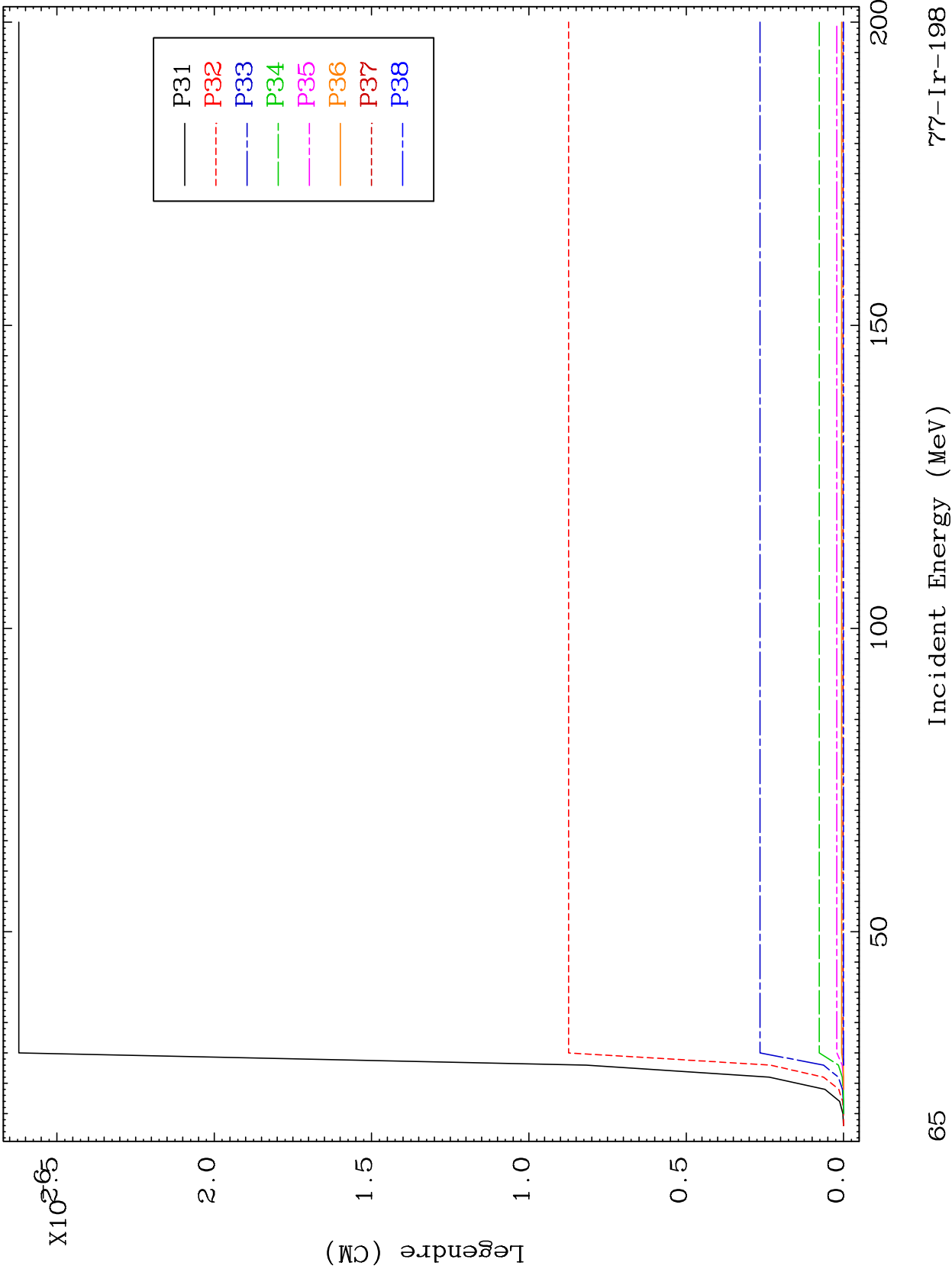
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



65

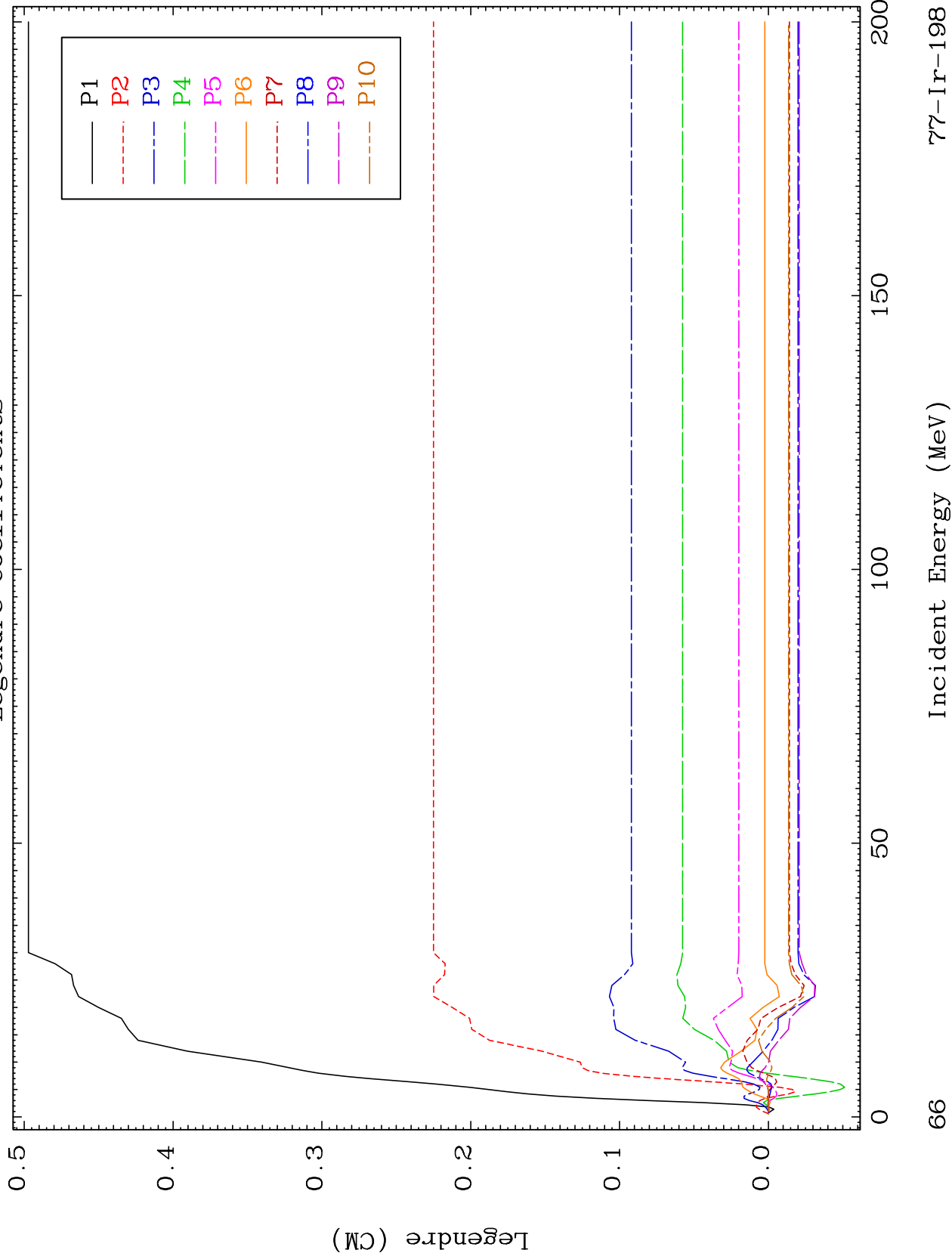
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



77-Ir-198

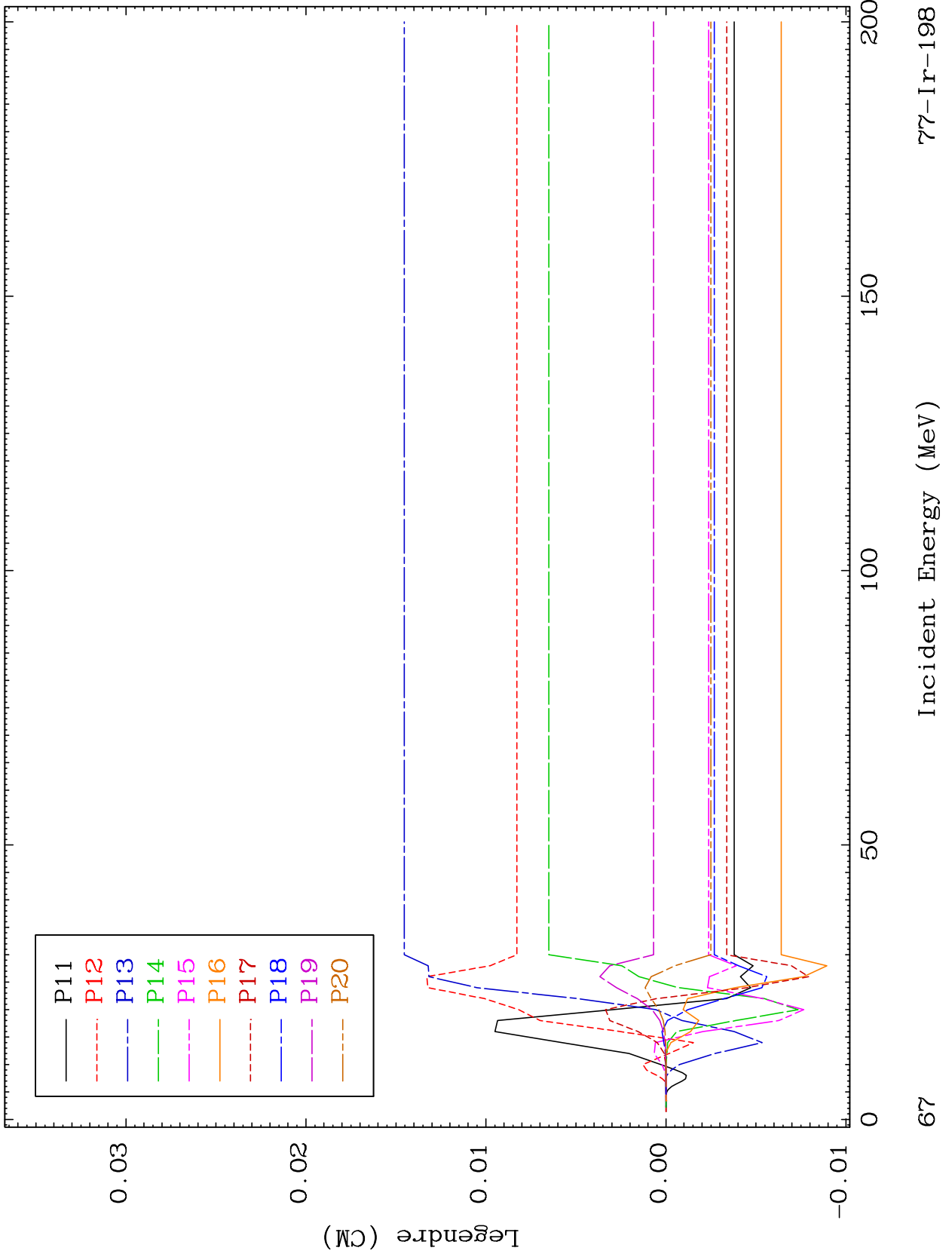
Incident Energy (MeV)

66

MAT 7746

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

77-Ir-198



67

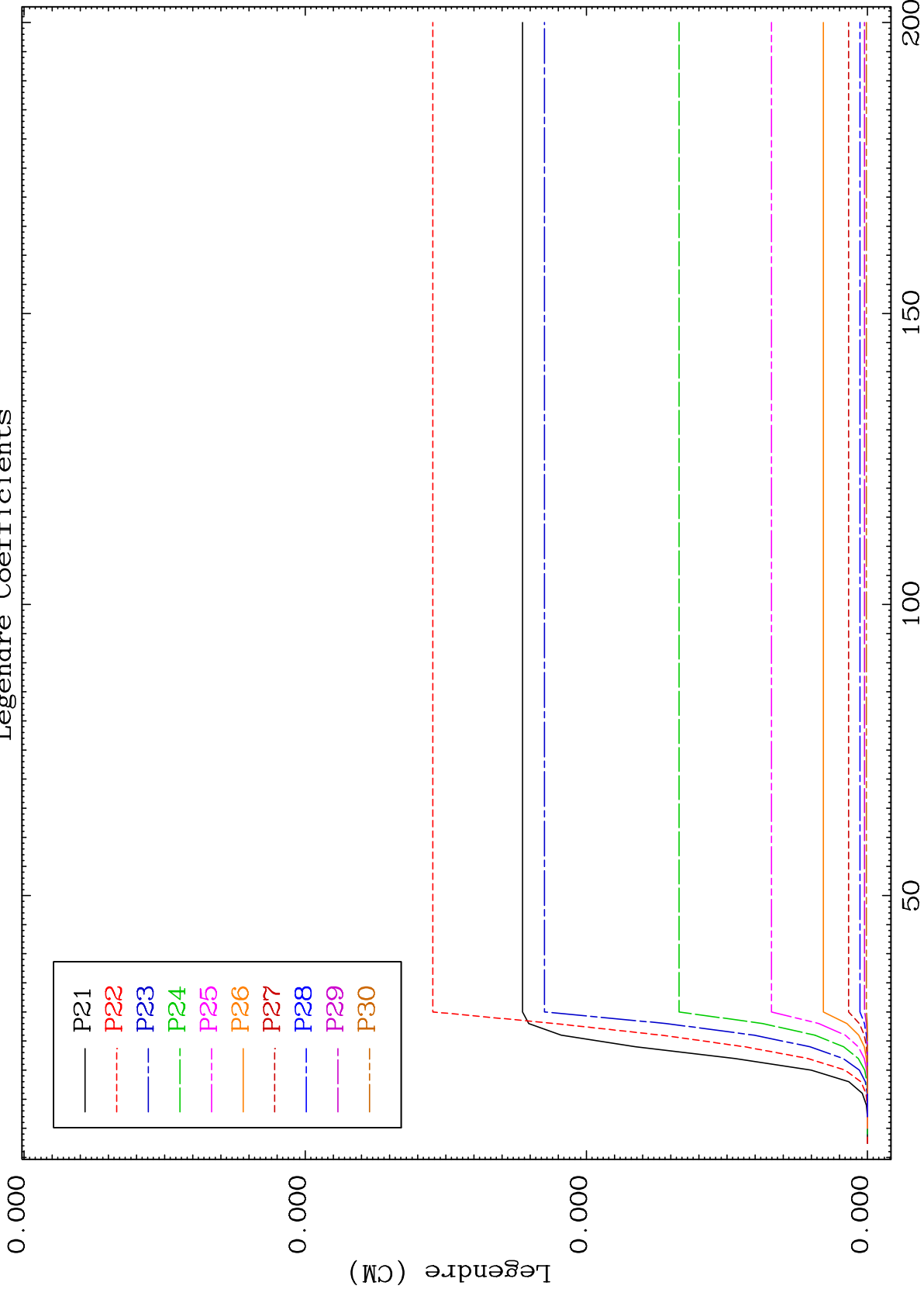
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



68

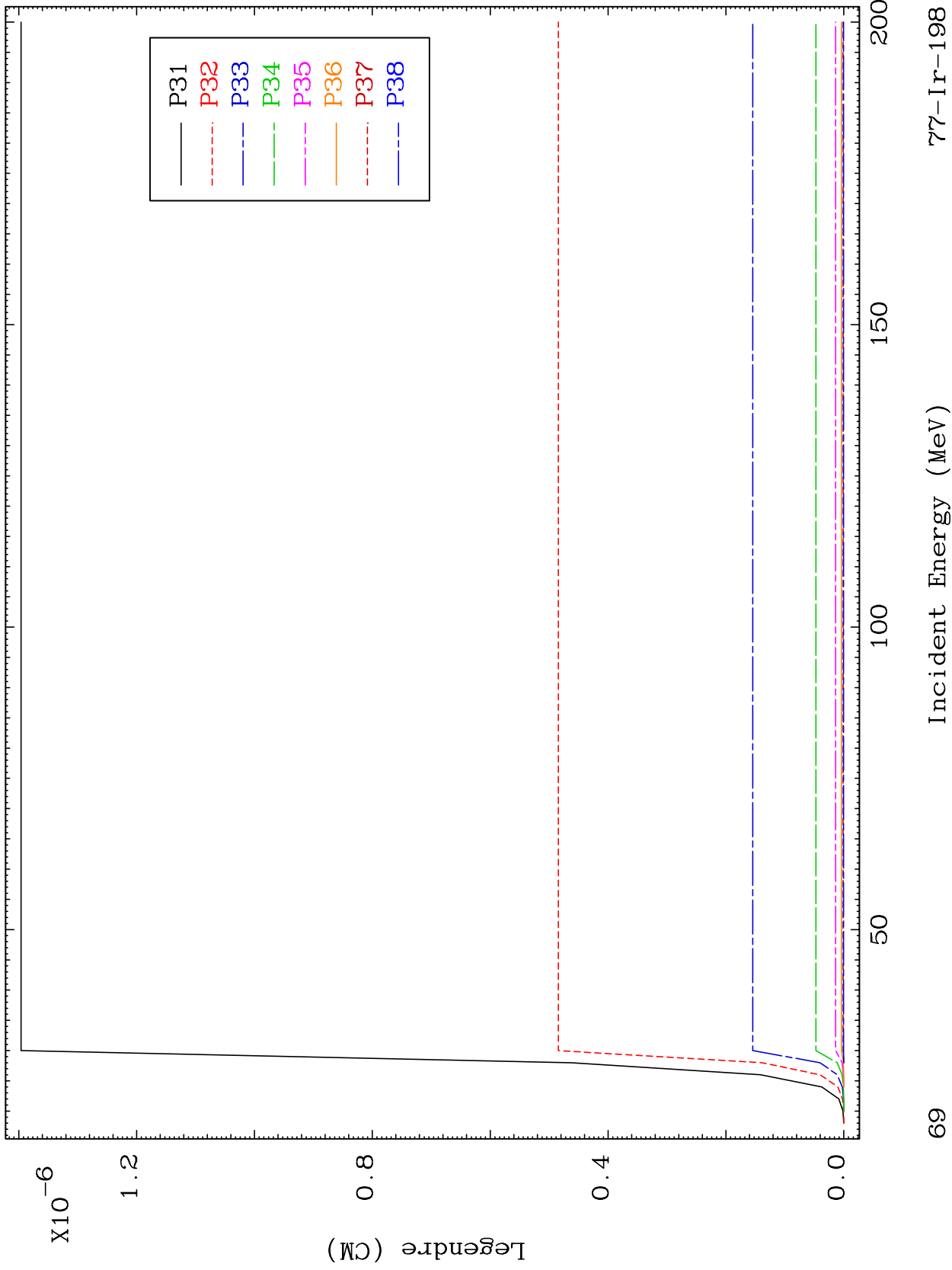
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

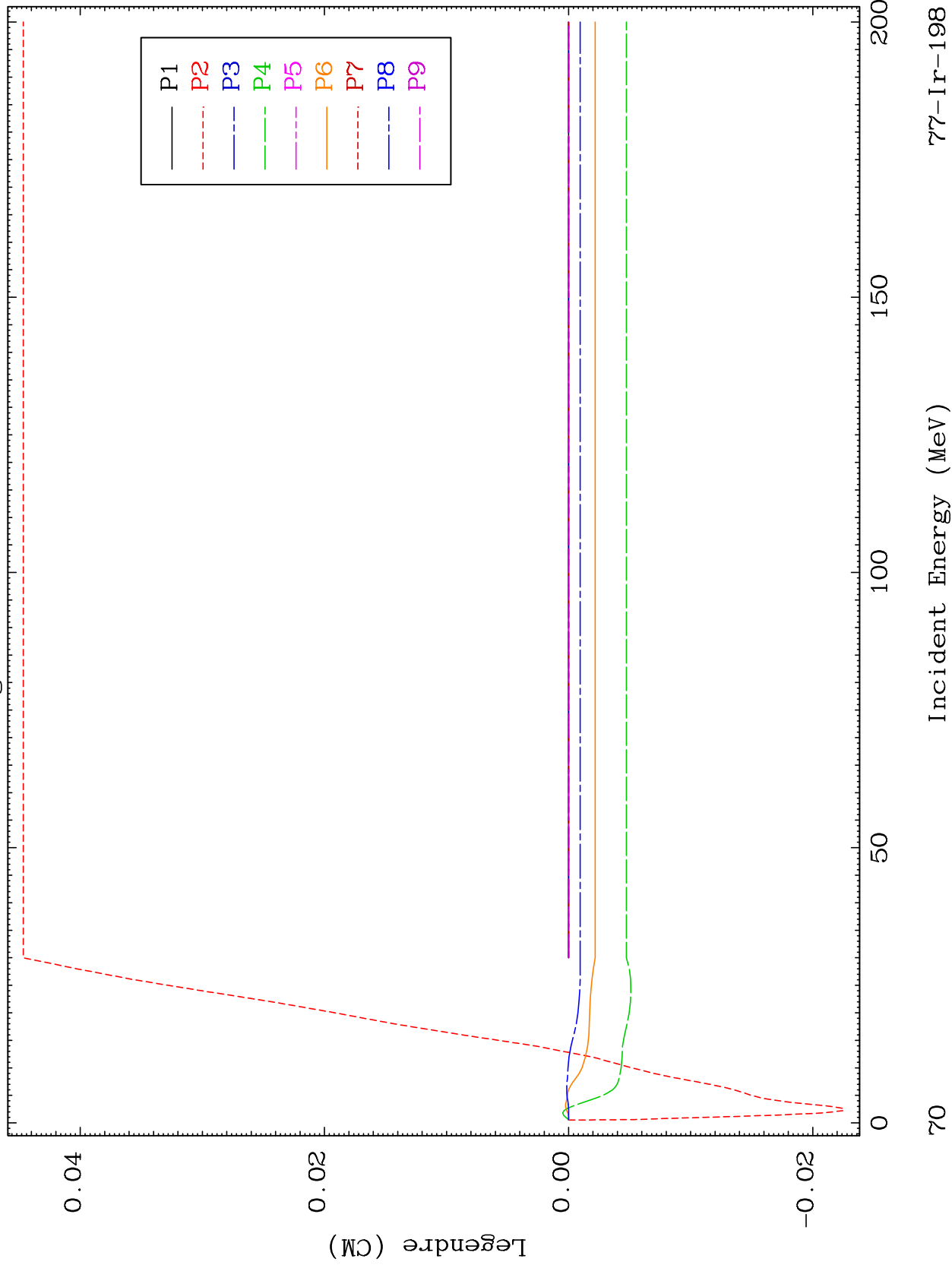
77-Ir-198



MAT 7746

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

77-Ir-198



77-Ir-198

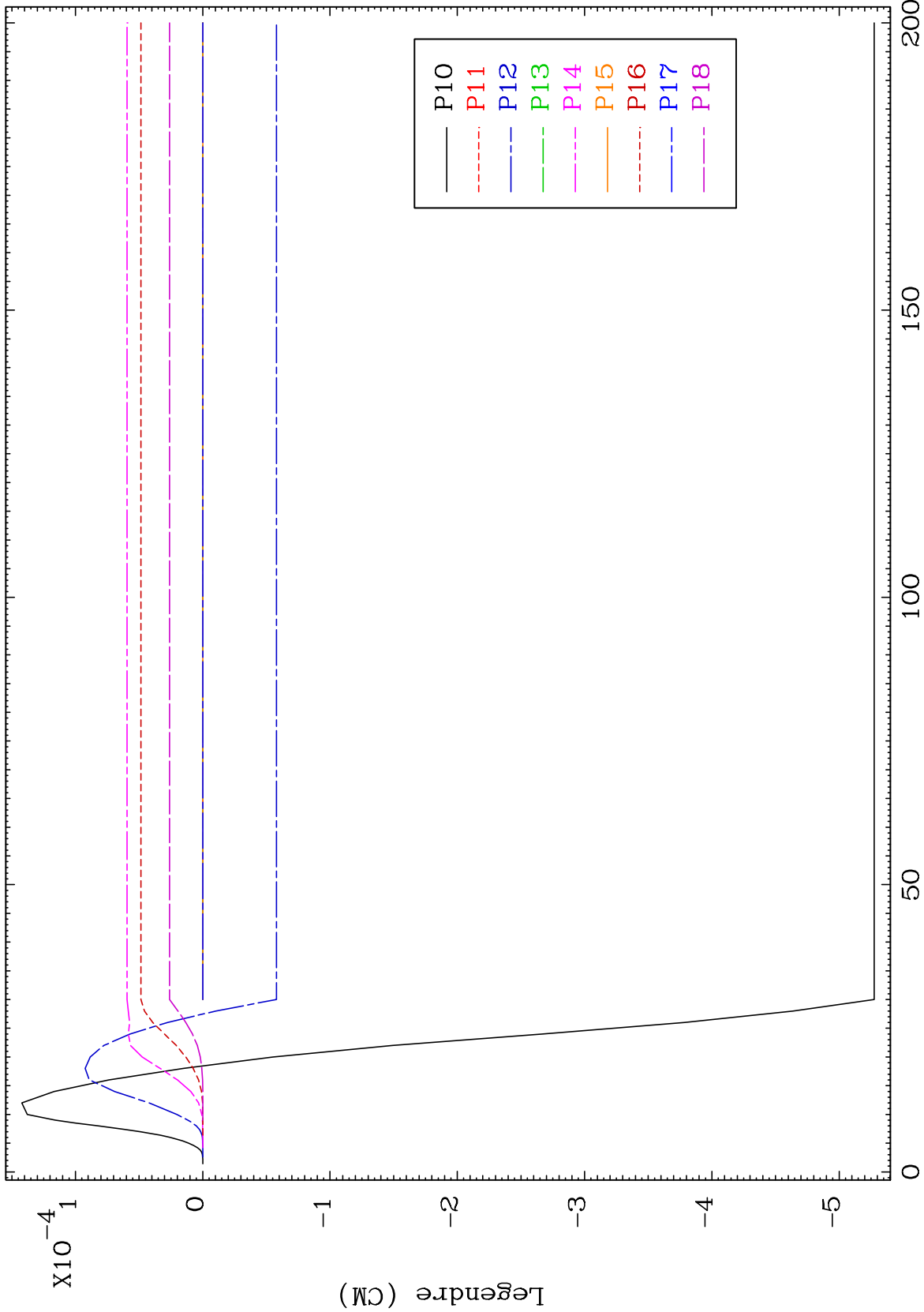
Incident Energy (MeV)

70

MAT 7746

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

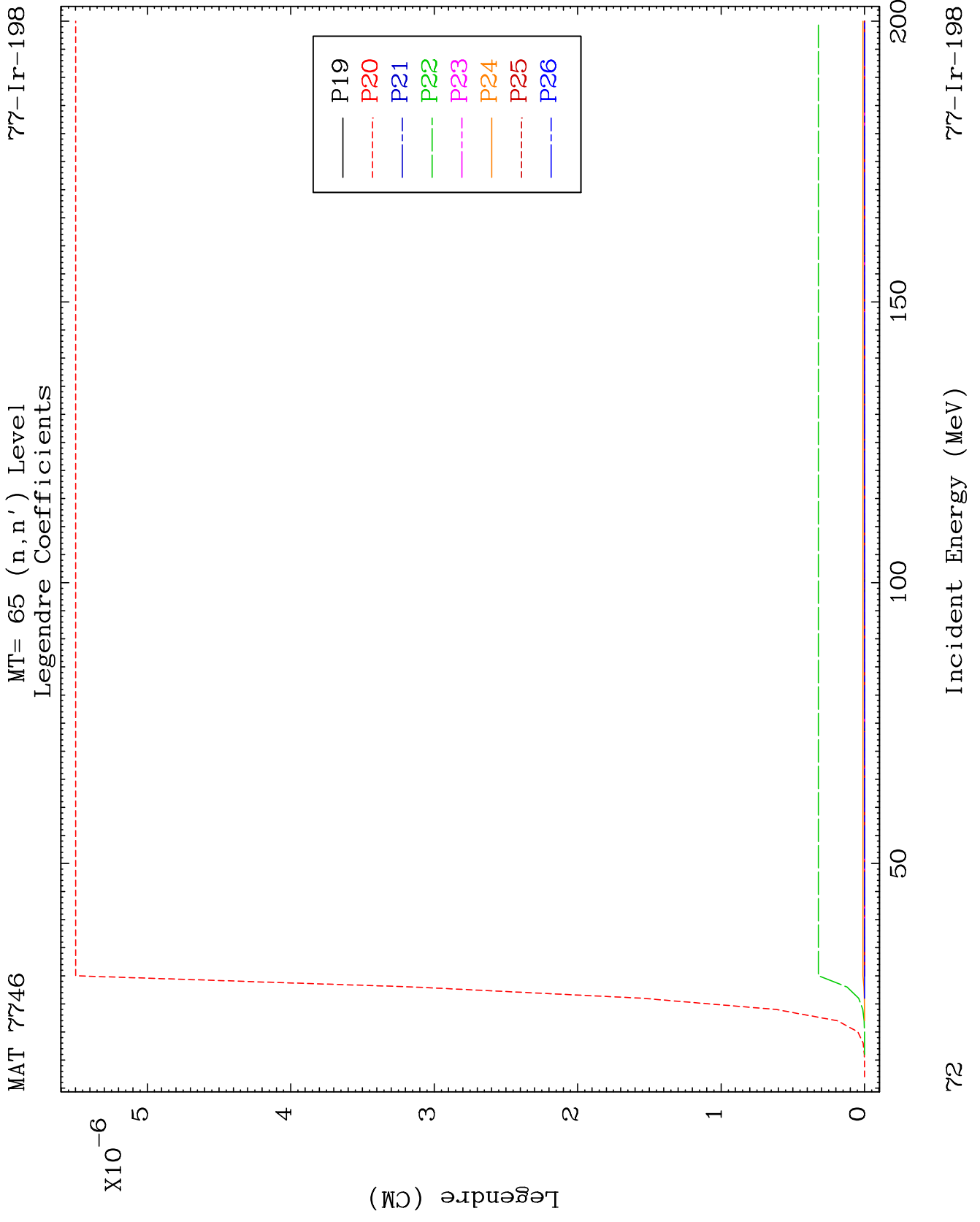
77-Ir-198

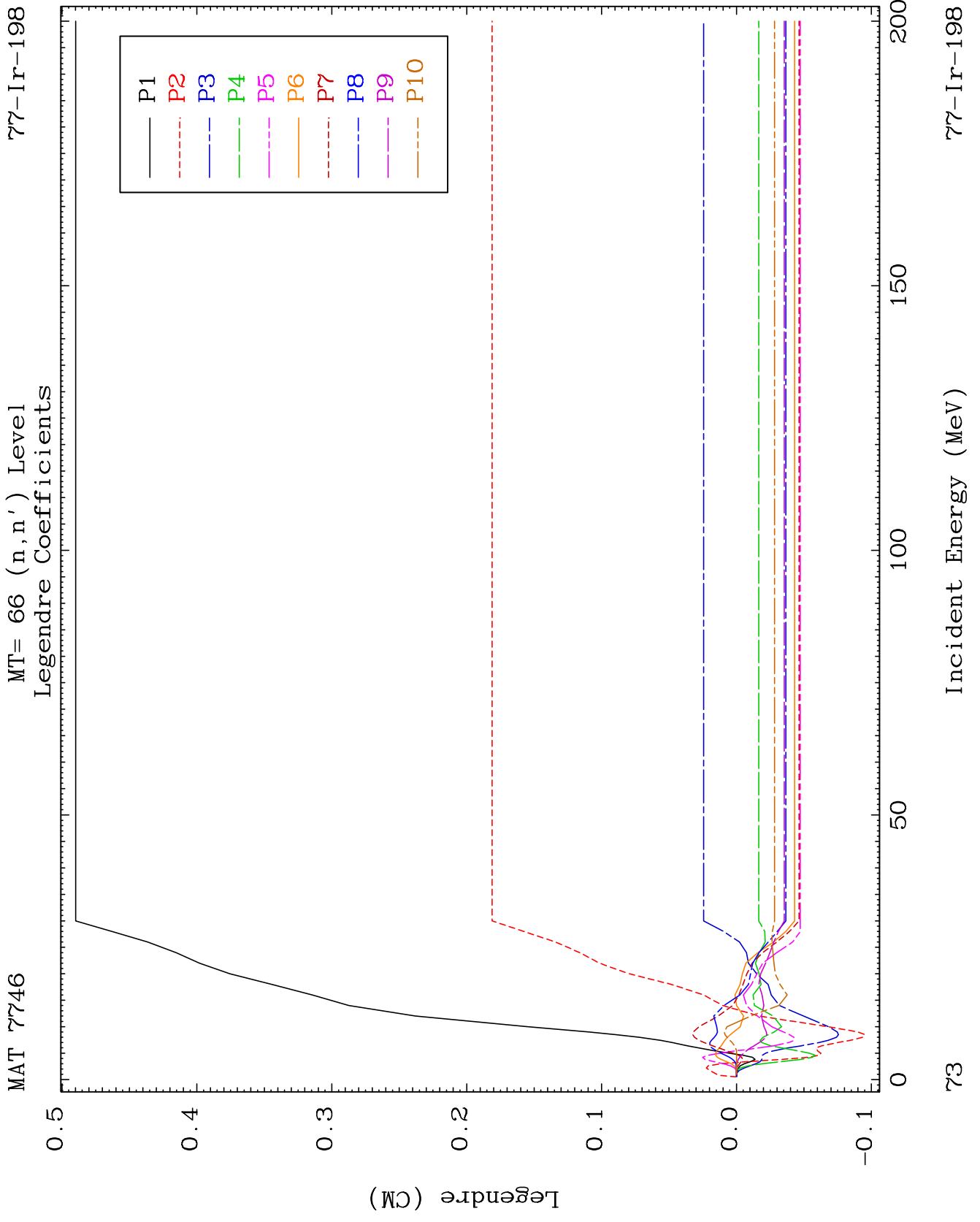


71

Incident Energy (MeV)

77-Ir-198

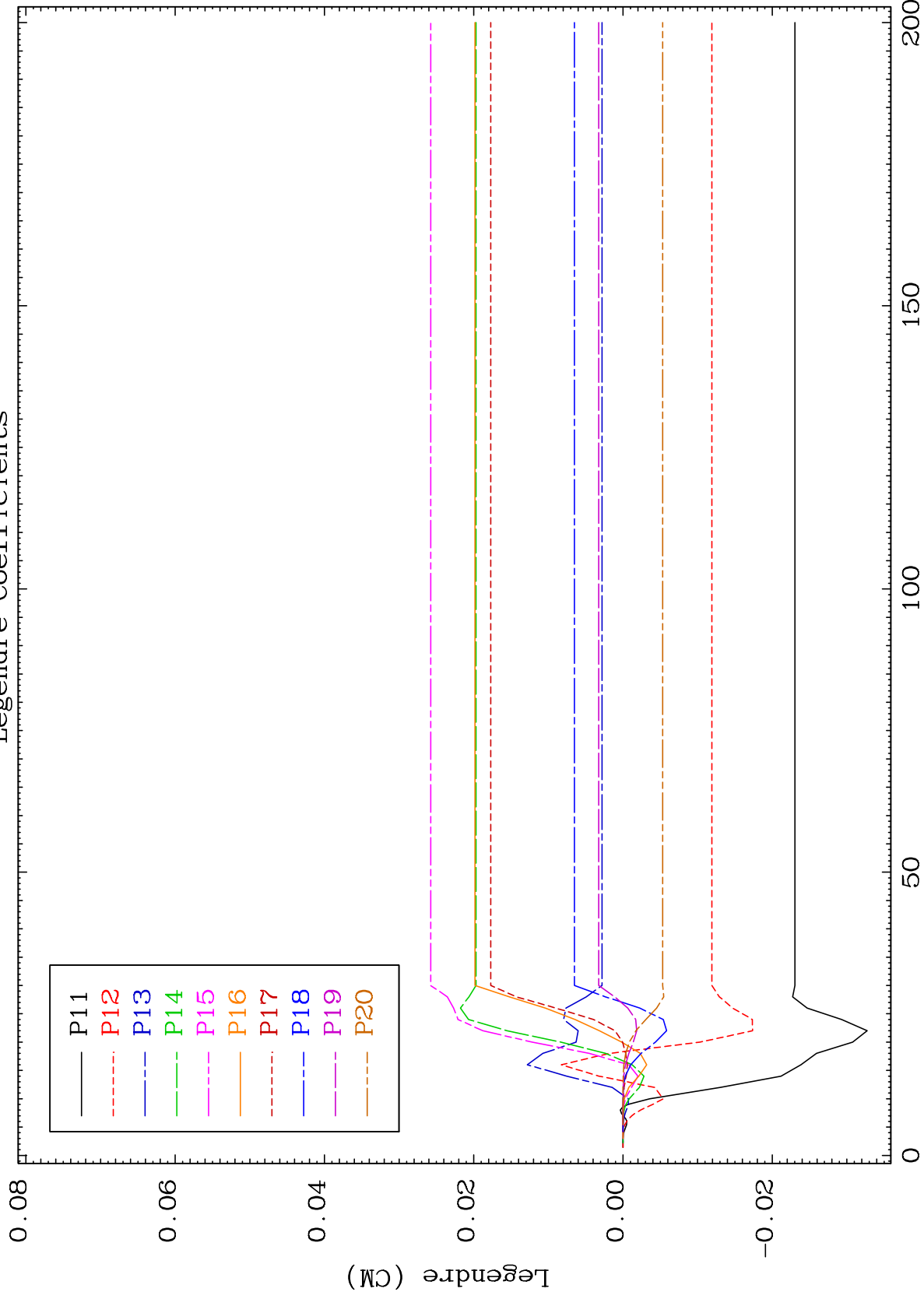




MAT 7746

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

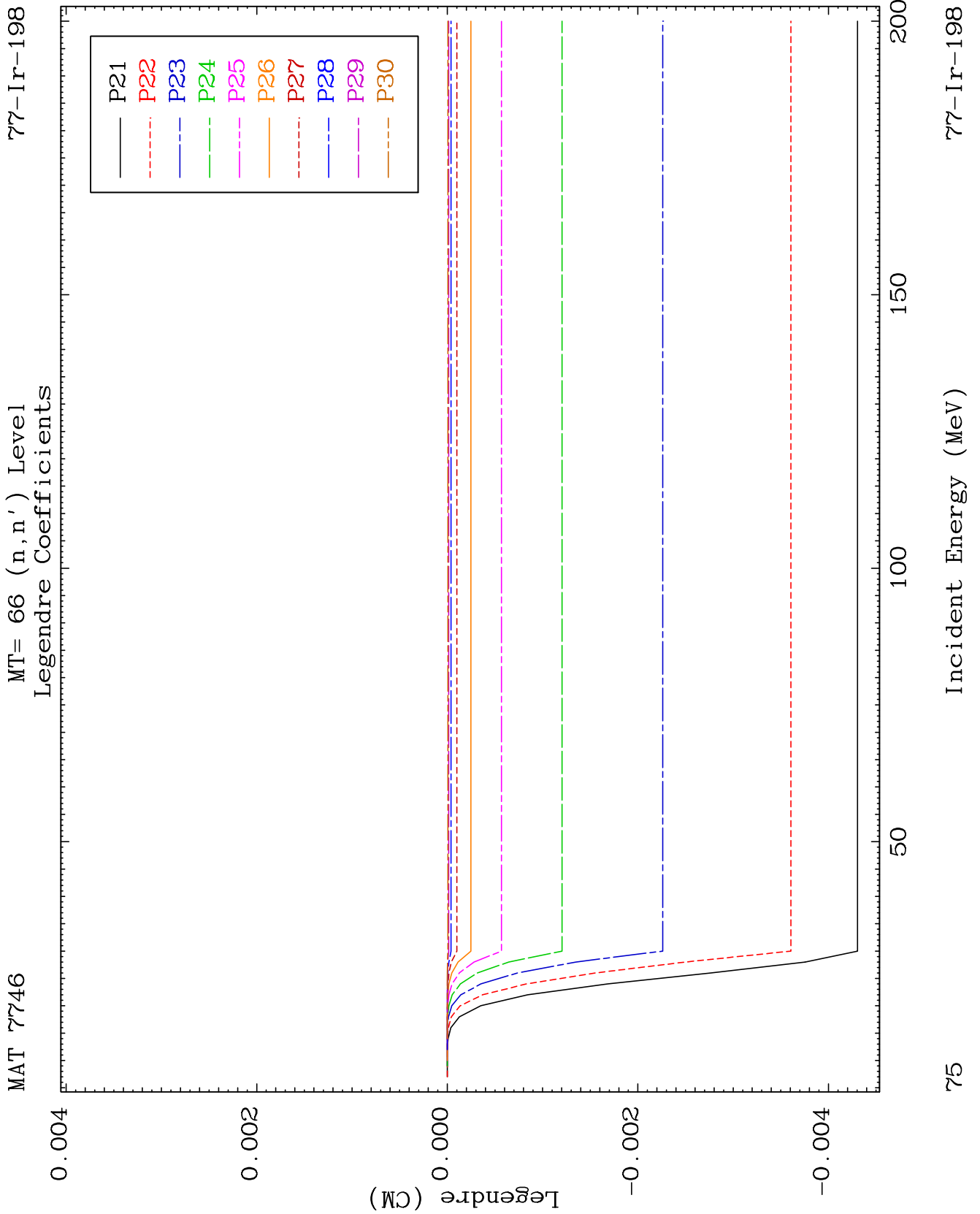
77-Ir-198

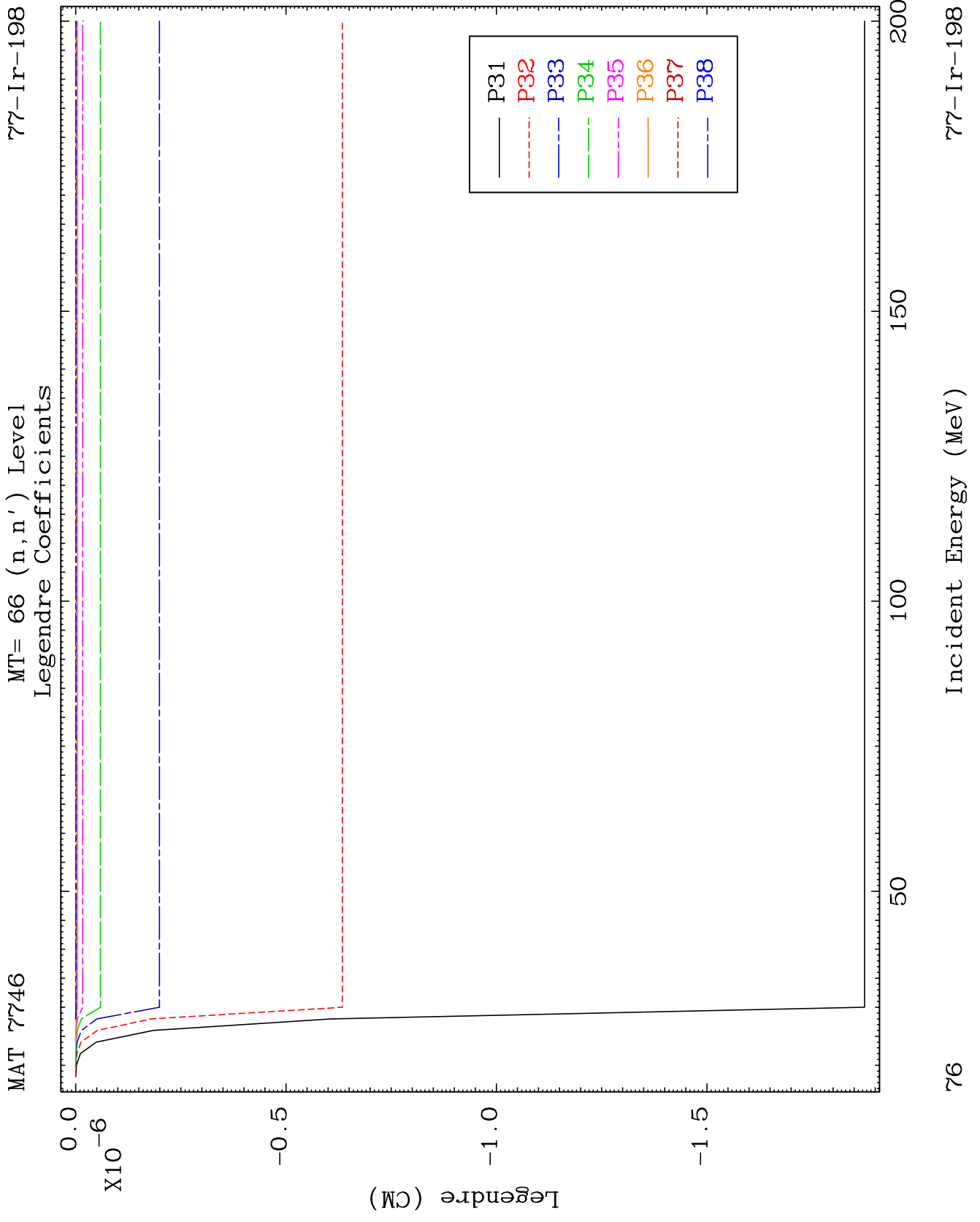


74

Incident Energy (MeV)

77-Ir-198

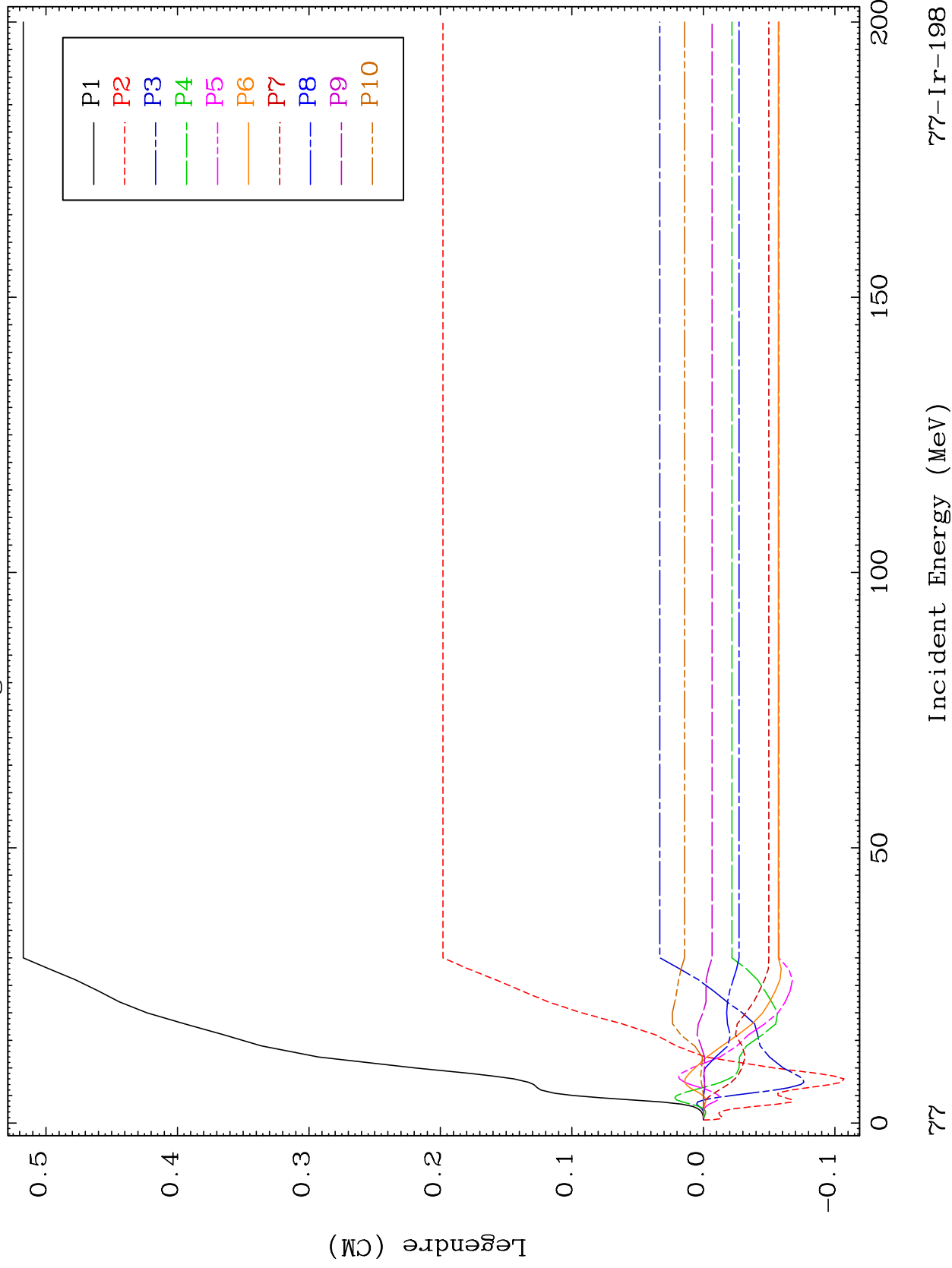




MAT 7746

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

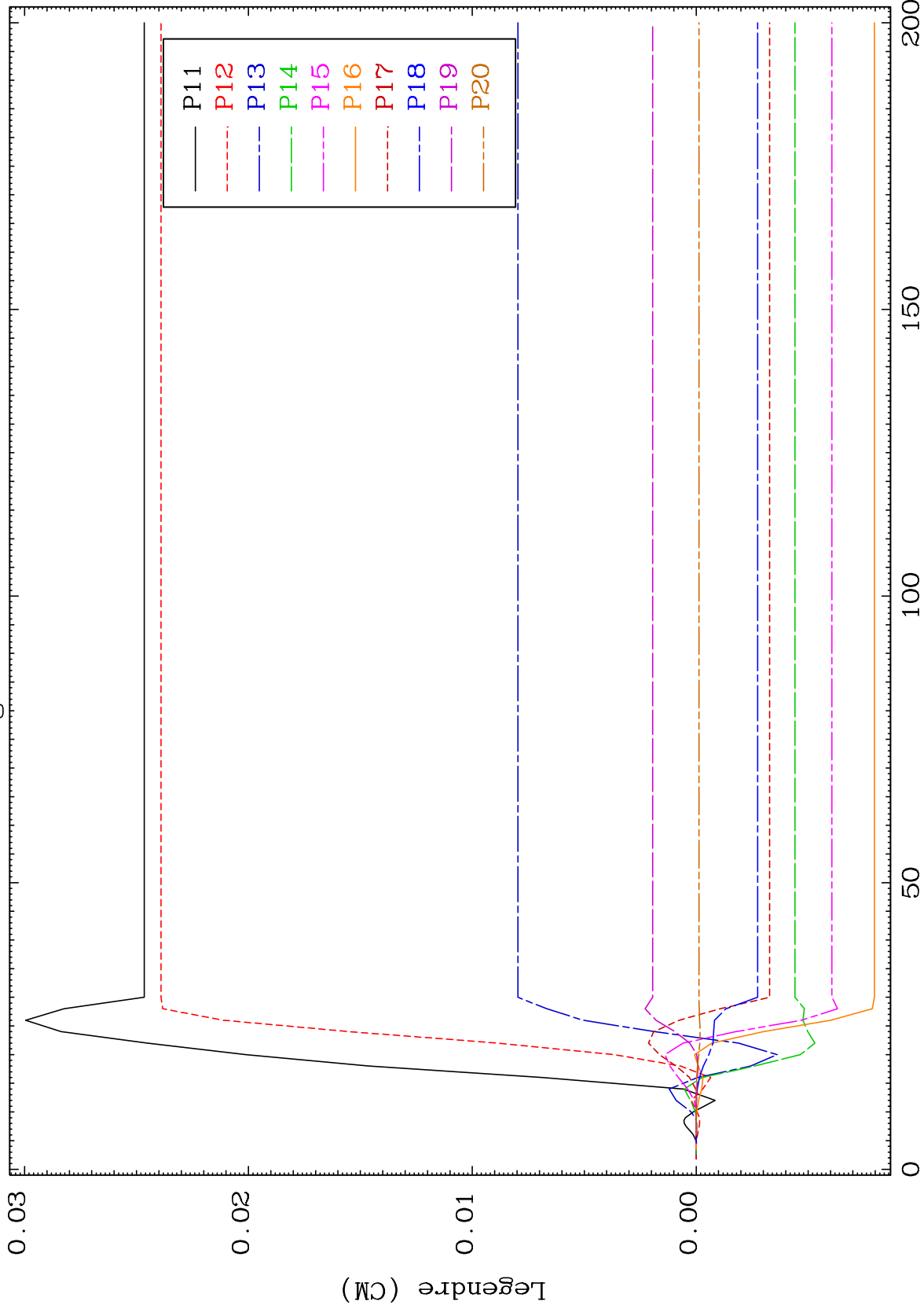
77-Ir-198



MAT 7746

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

77-Ir-198



78

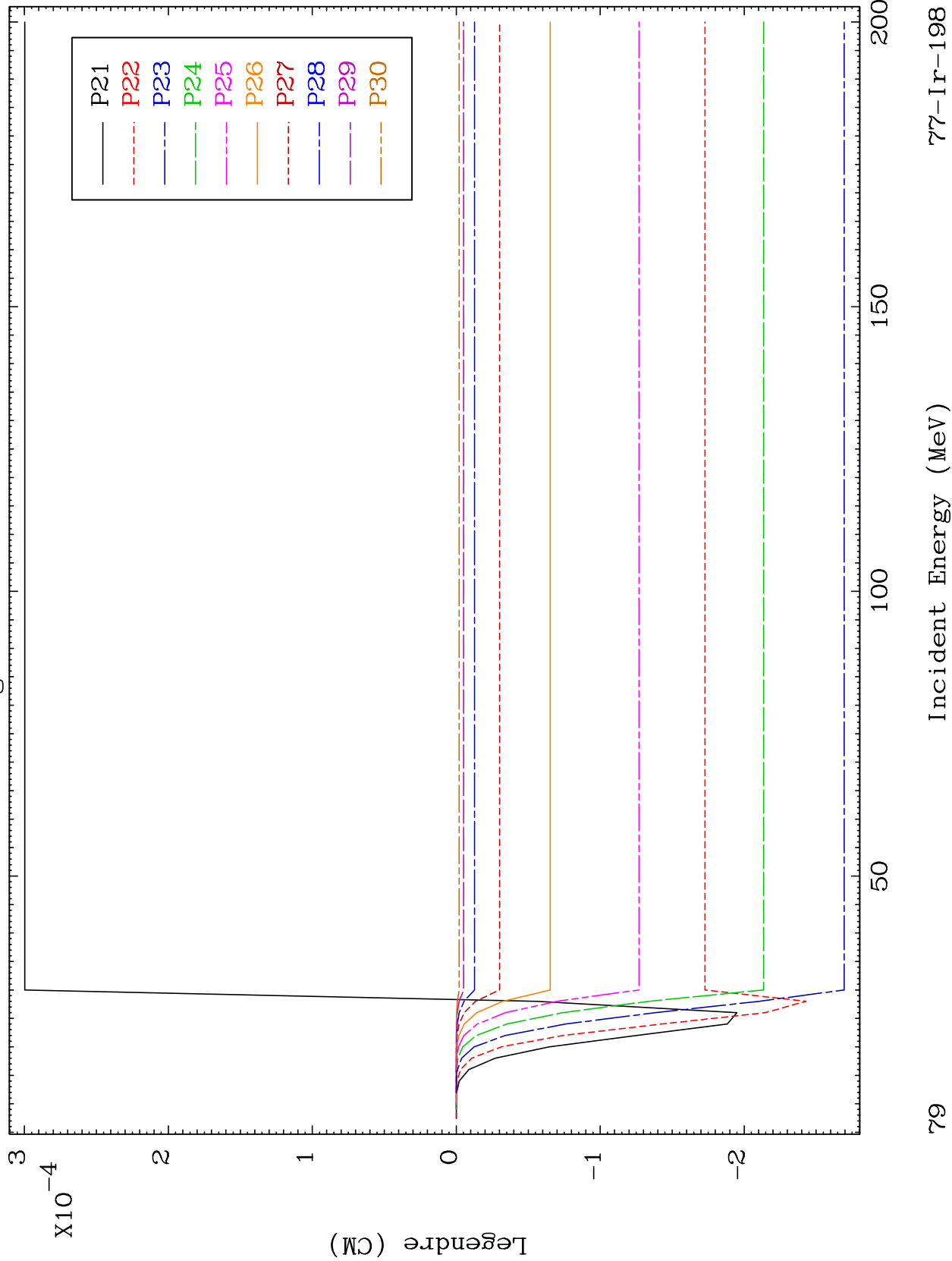
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



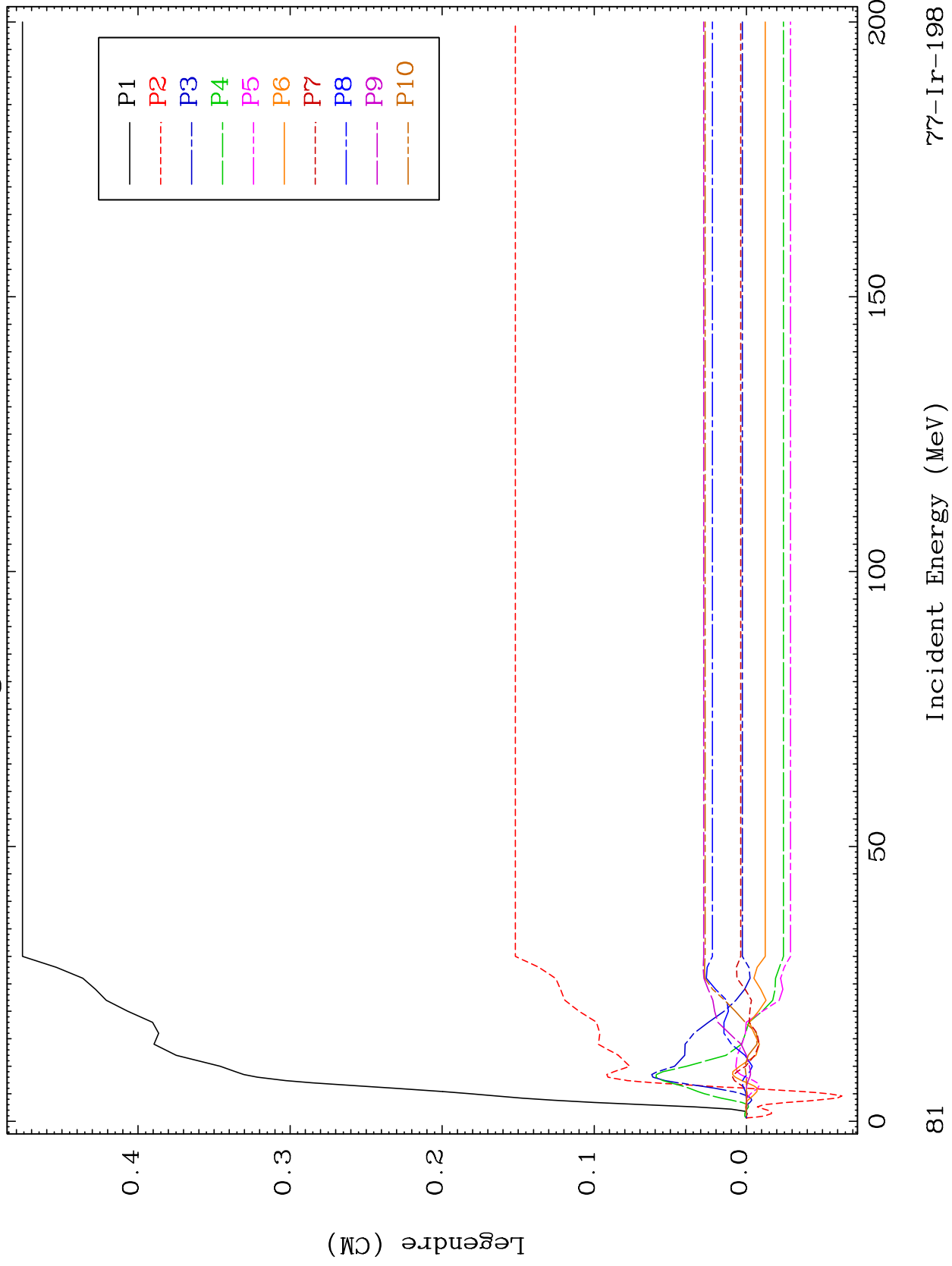
79

77-Ir-198

MAT 7746

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

77-Ir-198



81

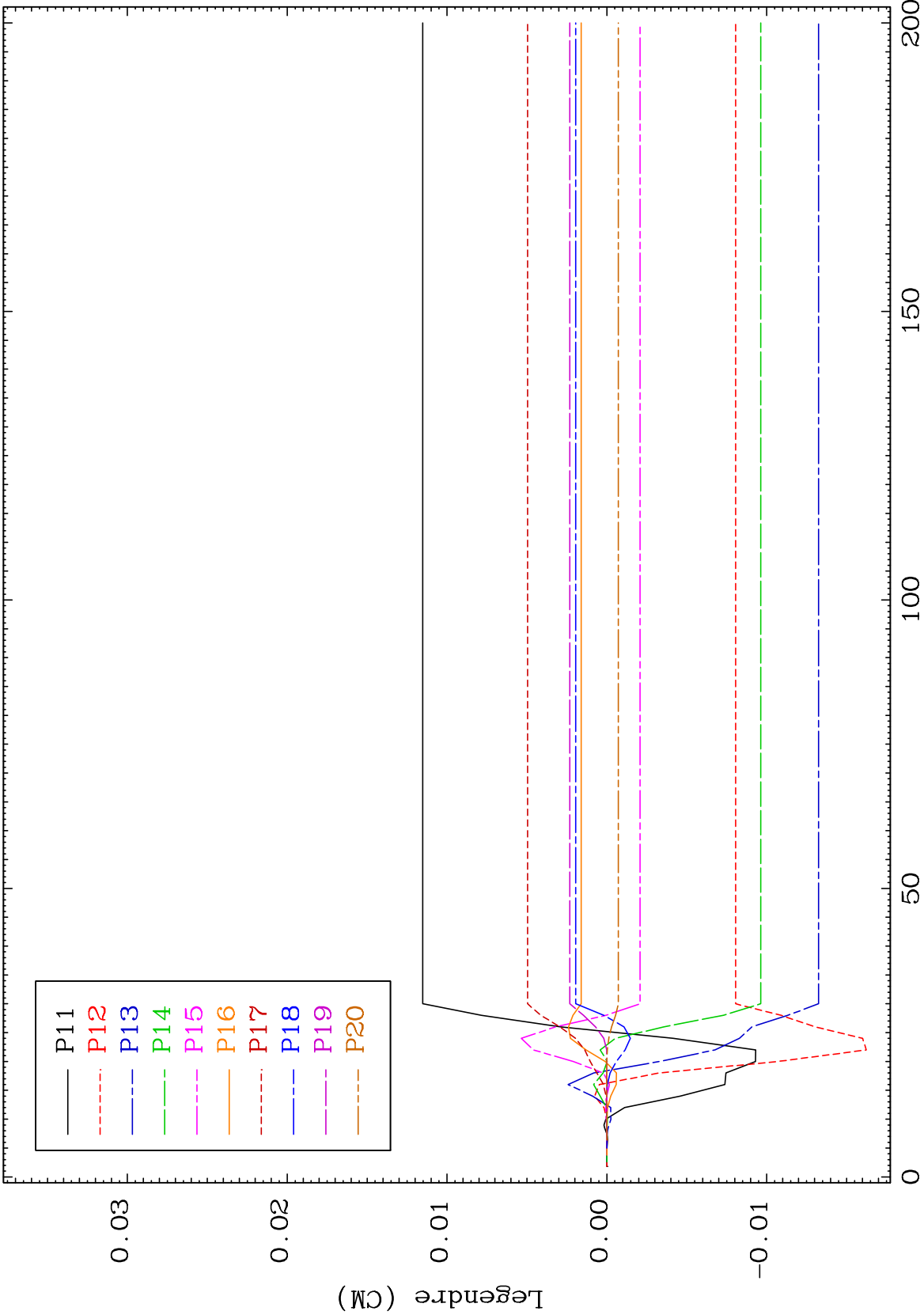
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

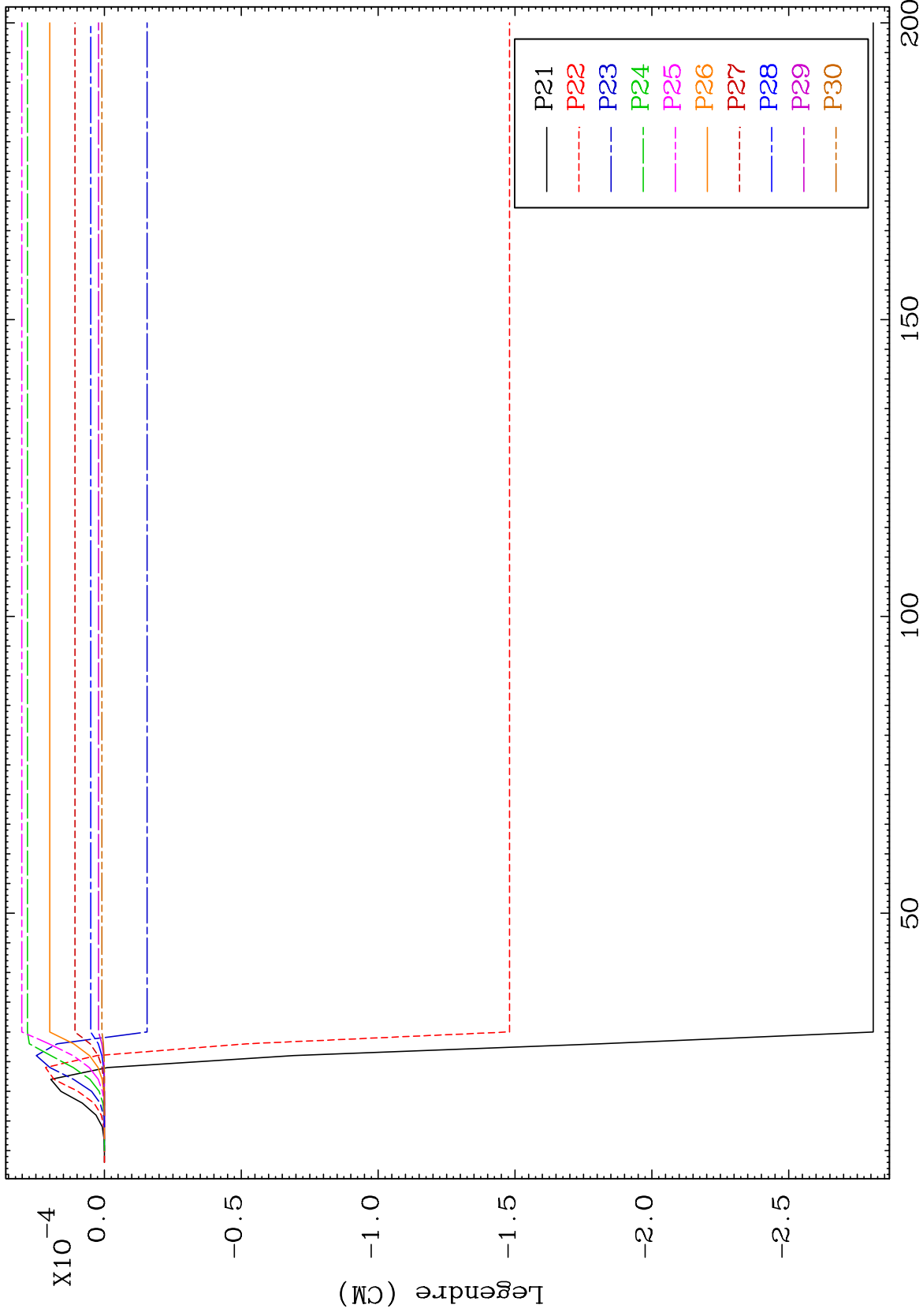
77-Ir-198



82

Incident Energy (MeV)

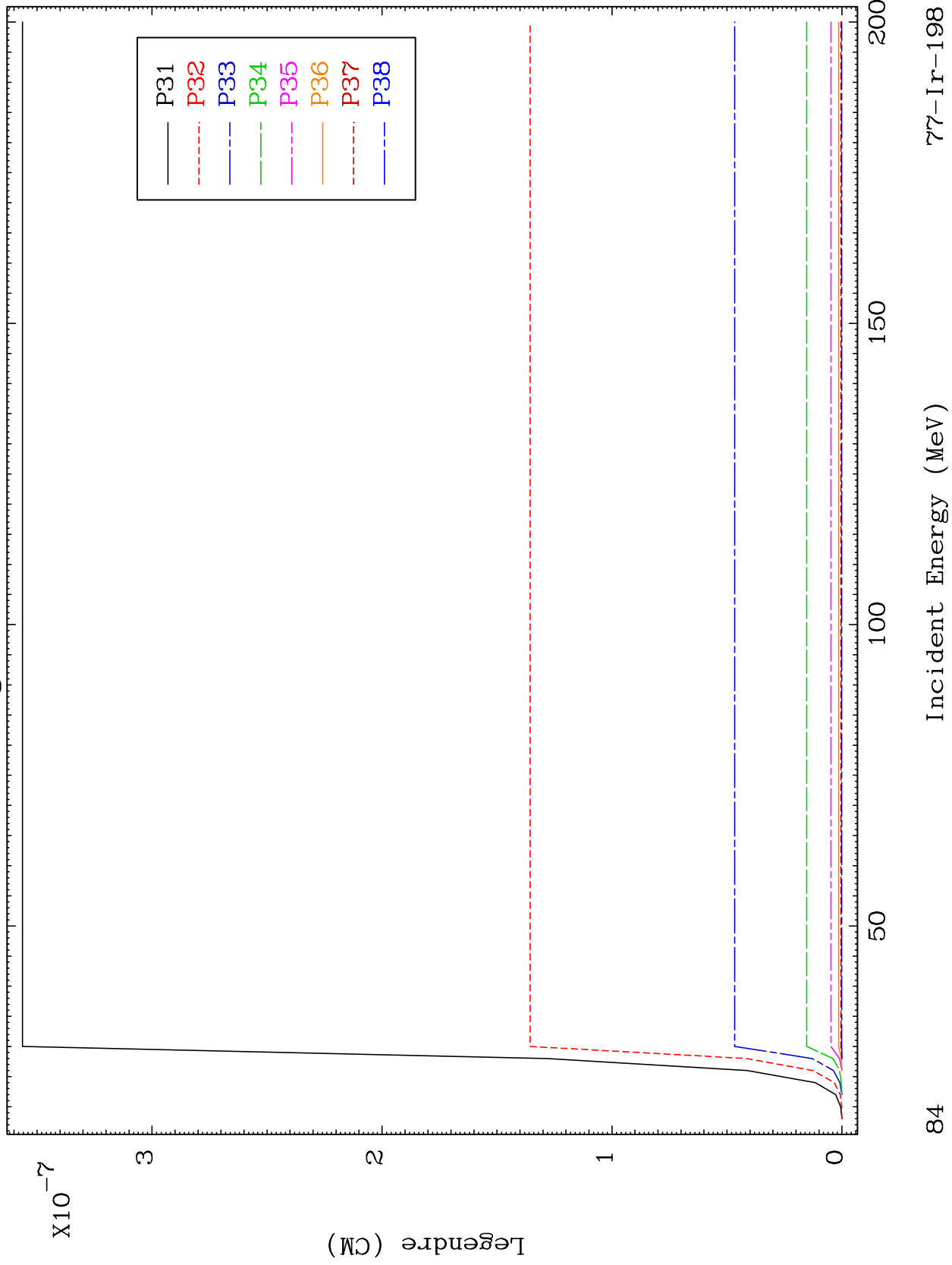
77-Ir-198



MAT 7746

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

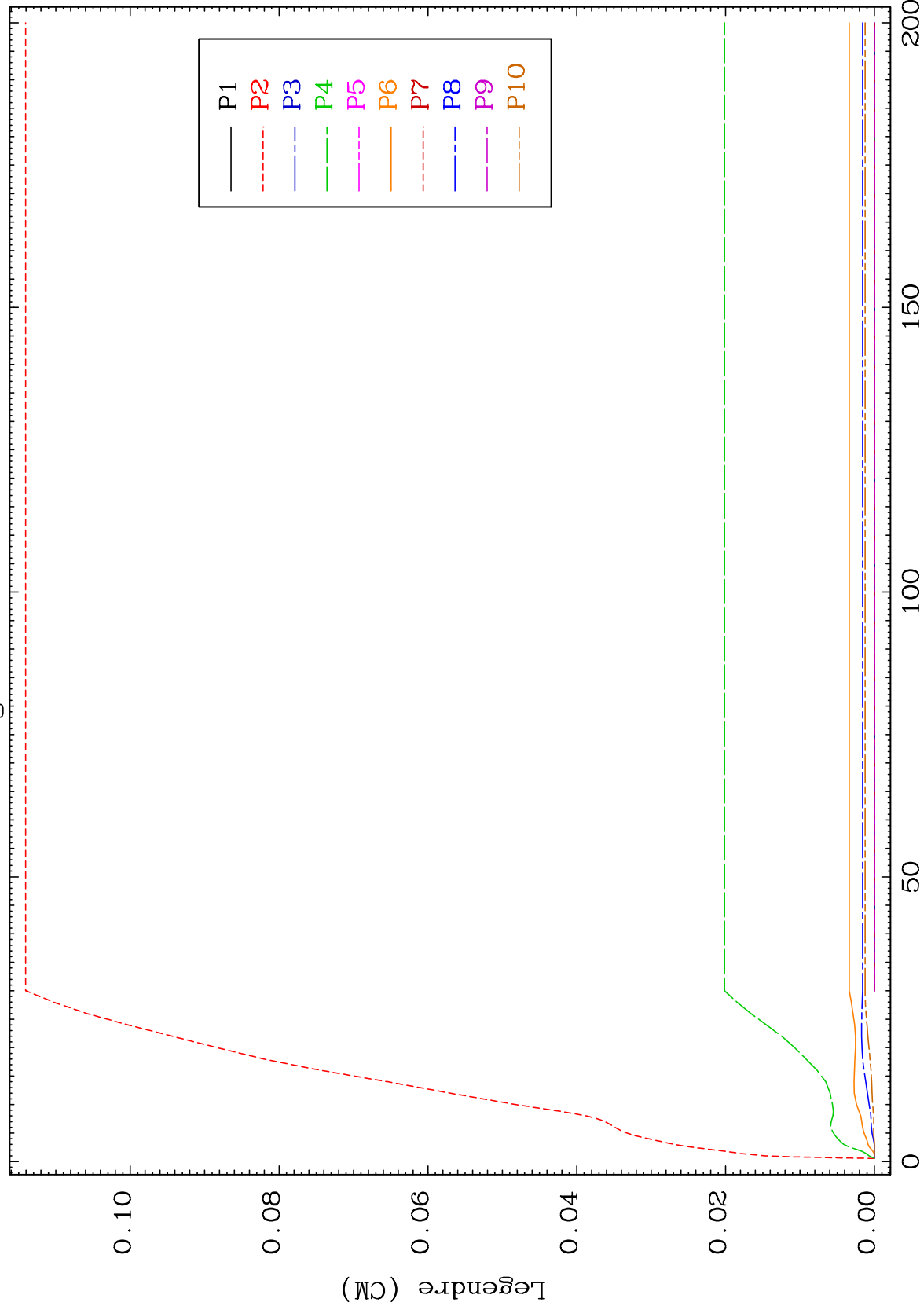
77-Ir-198



MAT 7746

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

77-Ir-198



77-Ir-198

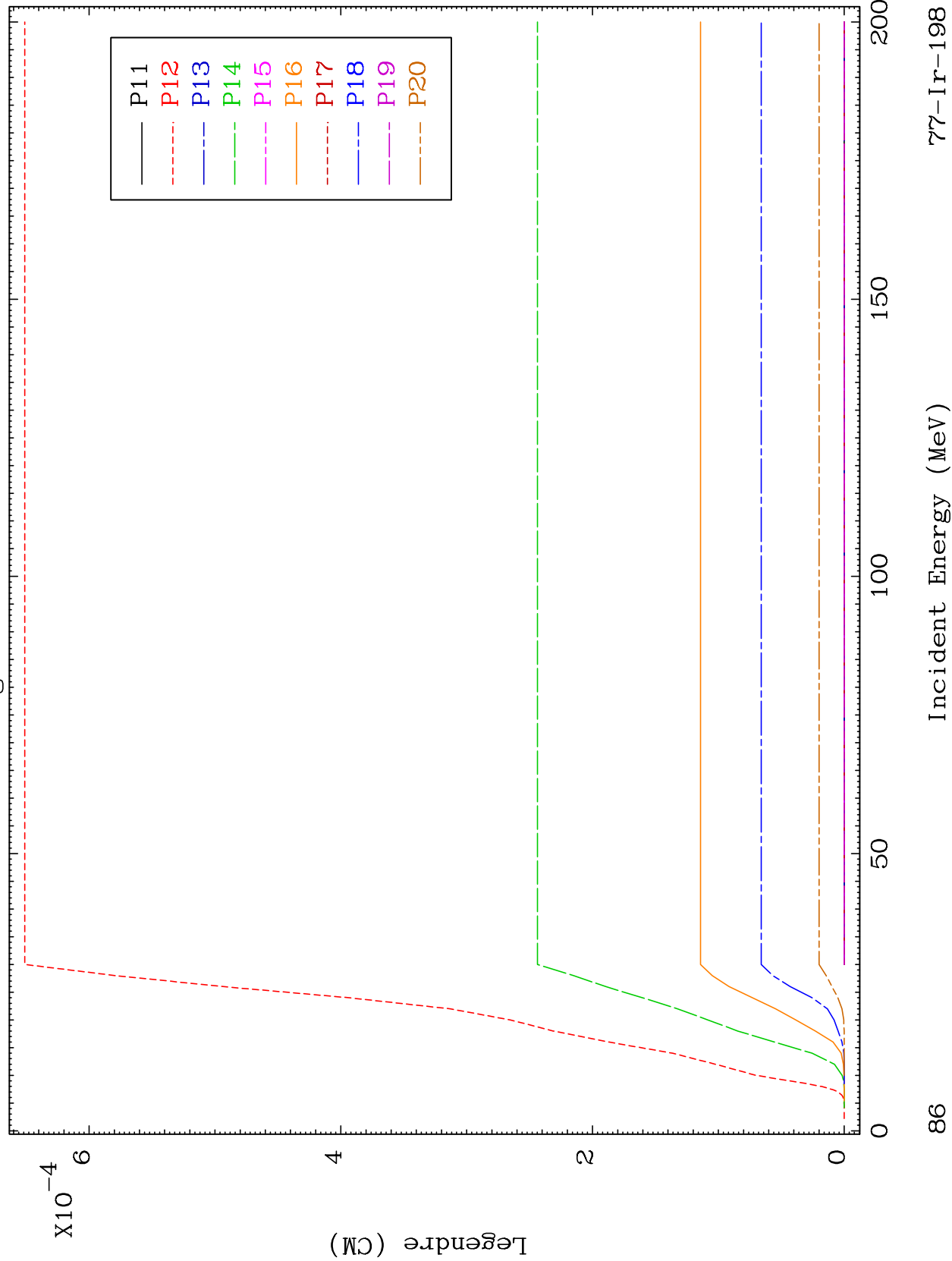
Incident Energy (MeV)

85

MAT 7746

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

77-Ir-198

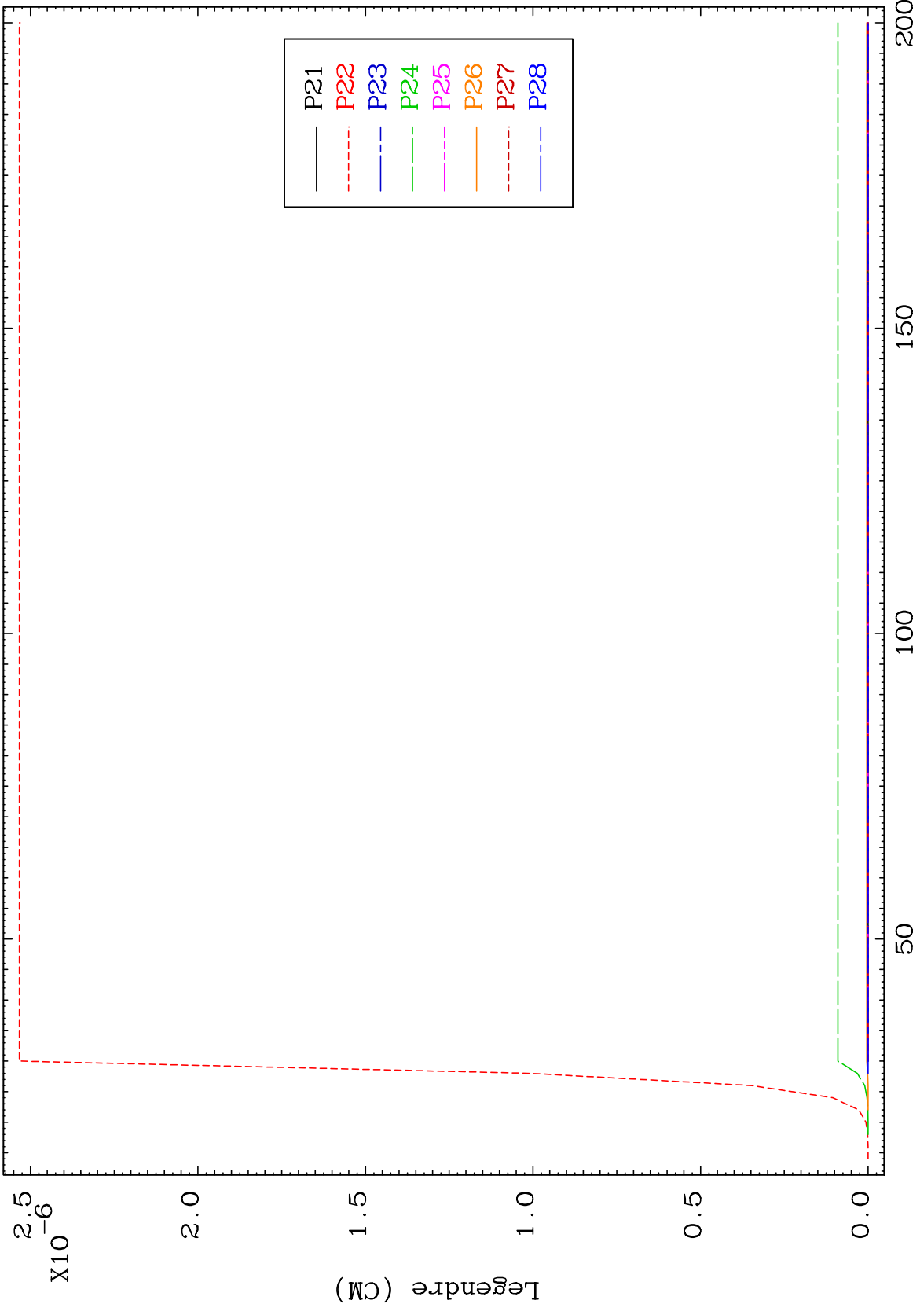


86

MAT 7746

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

77-Ir-198



87

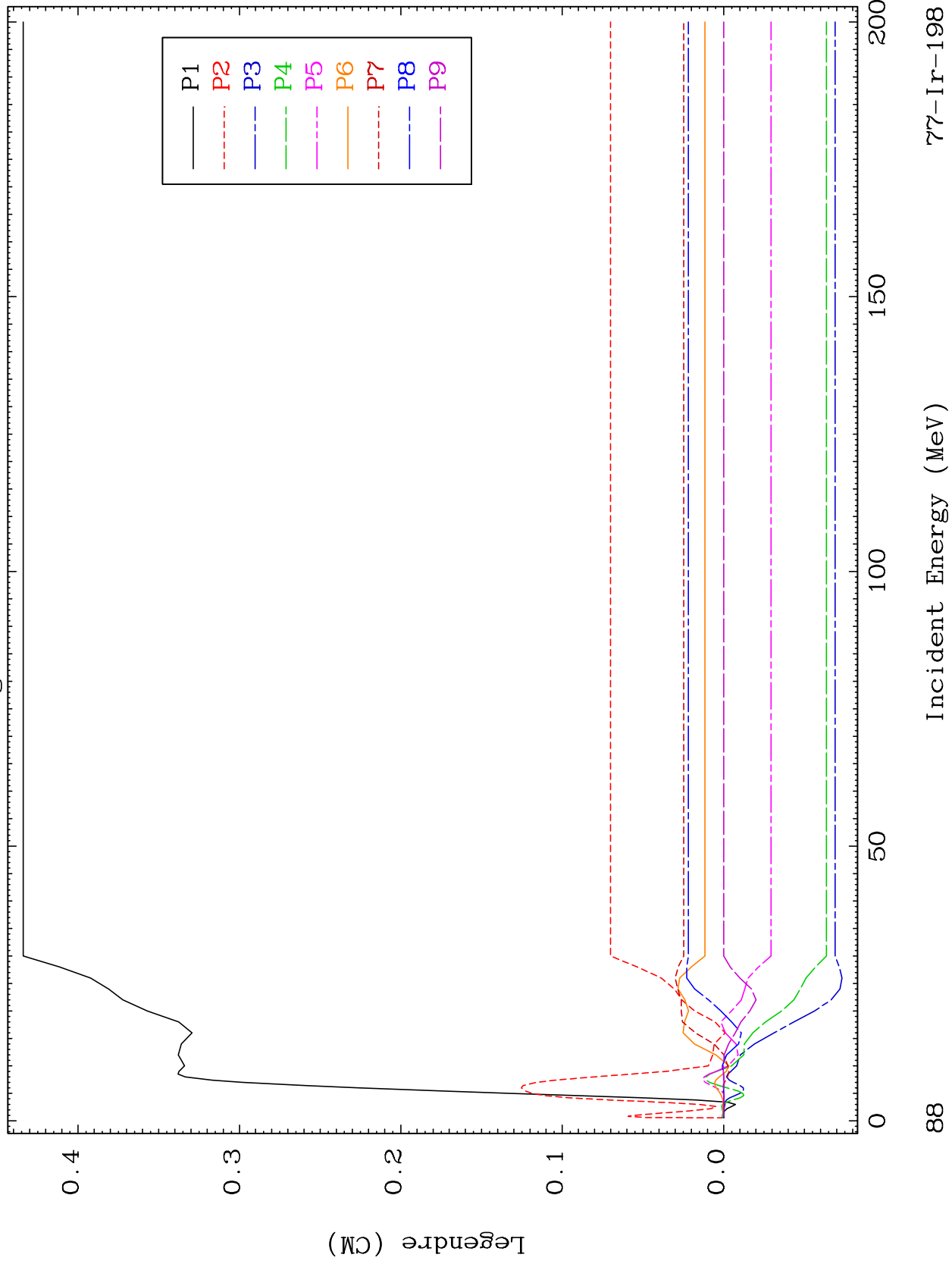
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

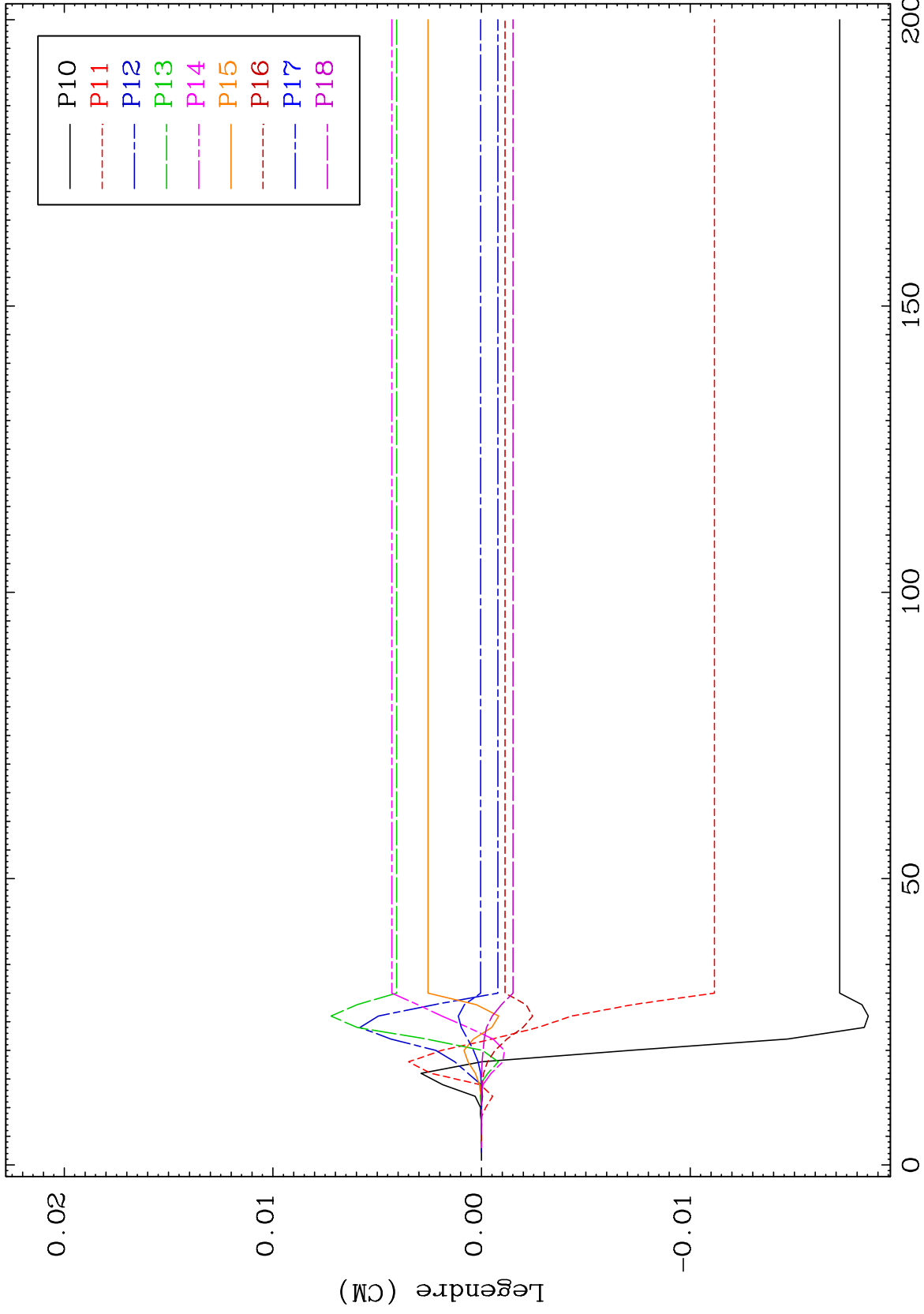
77-Ir-198



MAT 7746

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

77-Ir-198



89

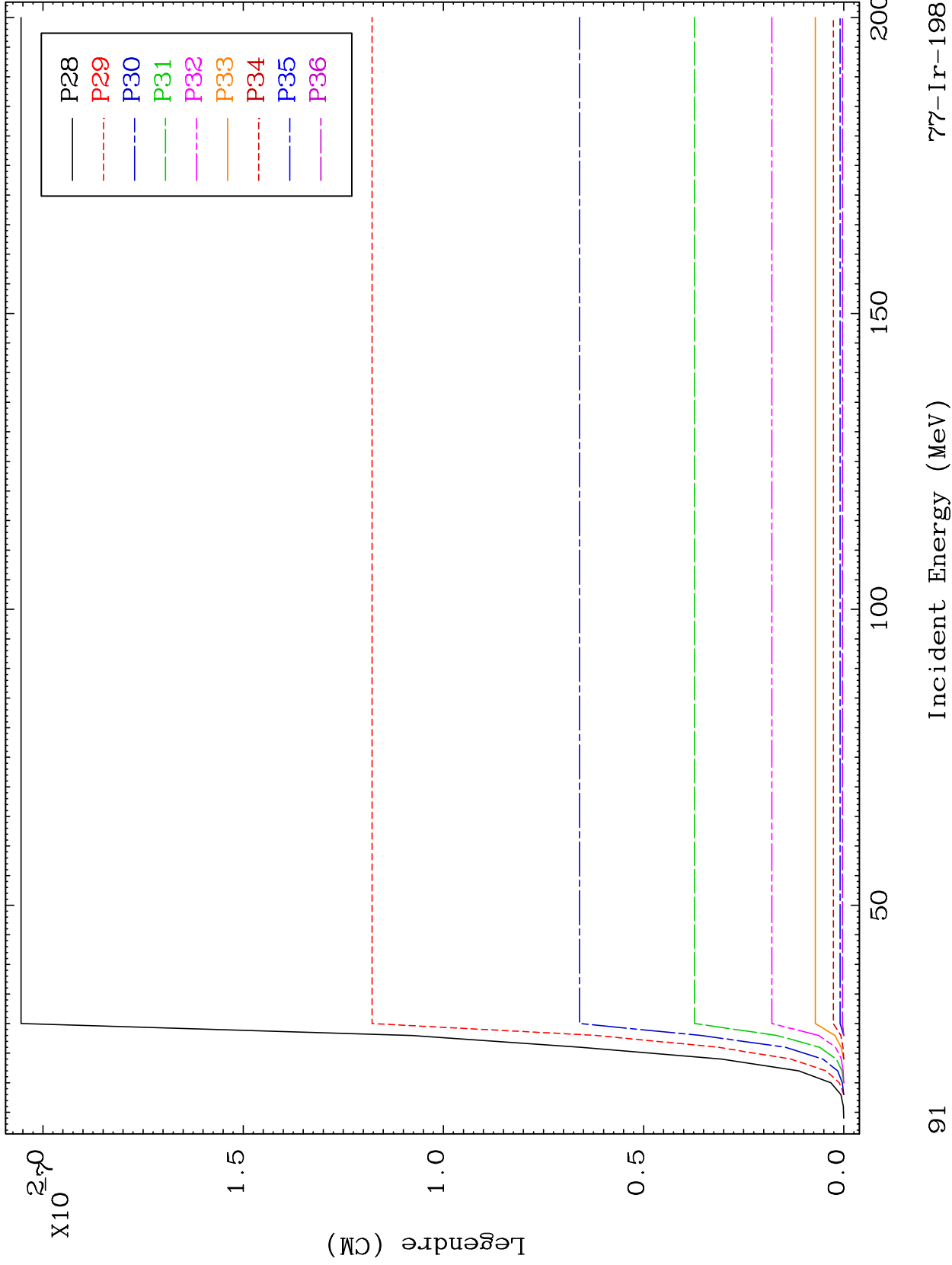
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

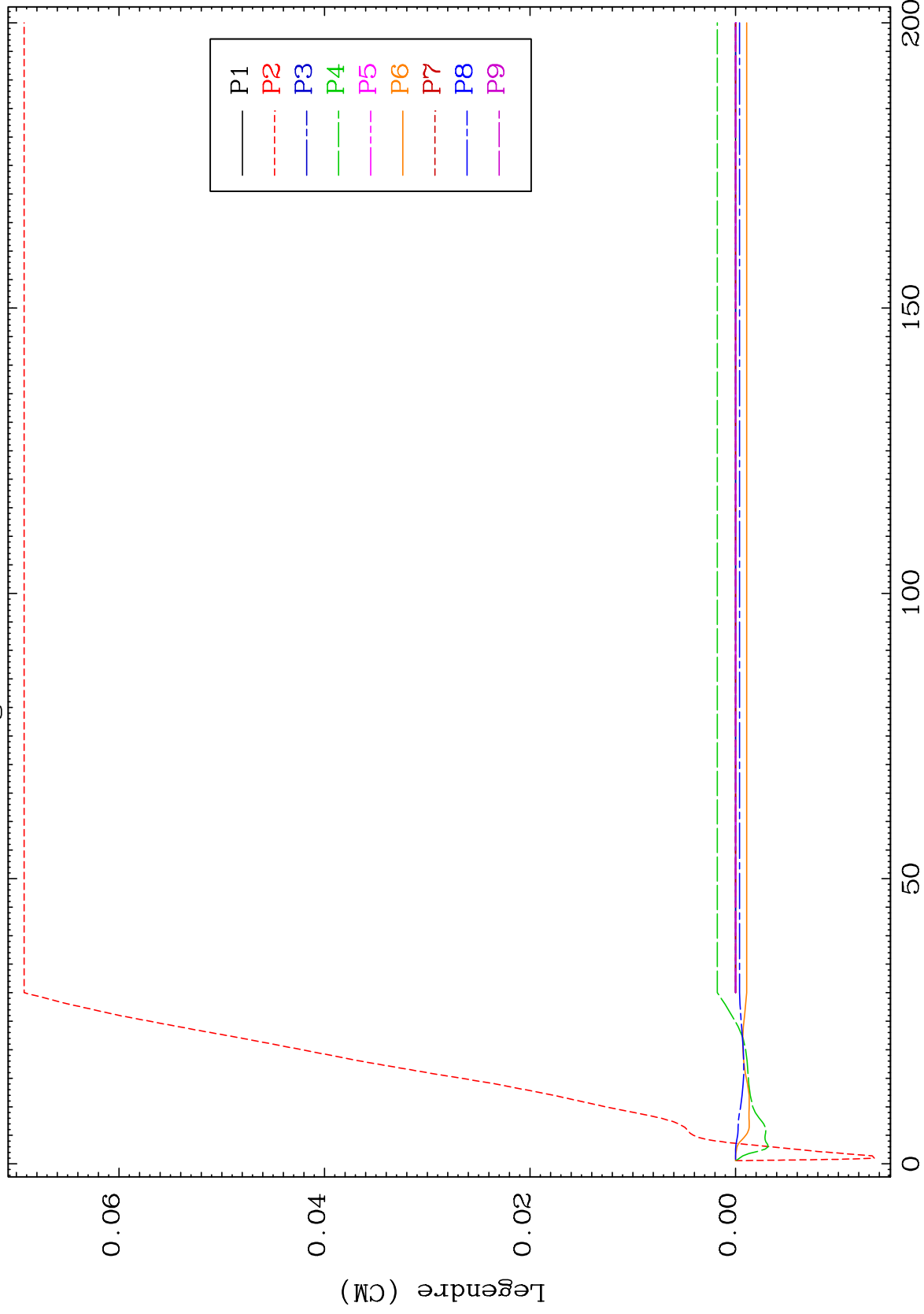
77-Ir-198



MAT 7746

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

77-Ir-198



92

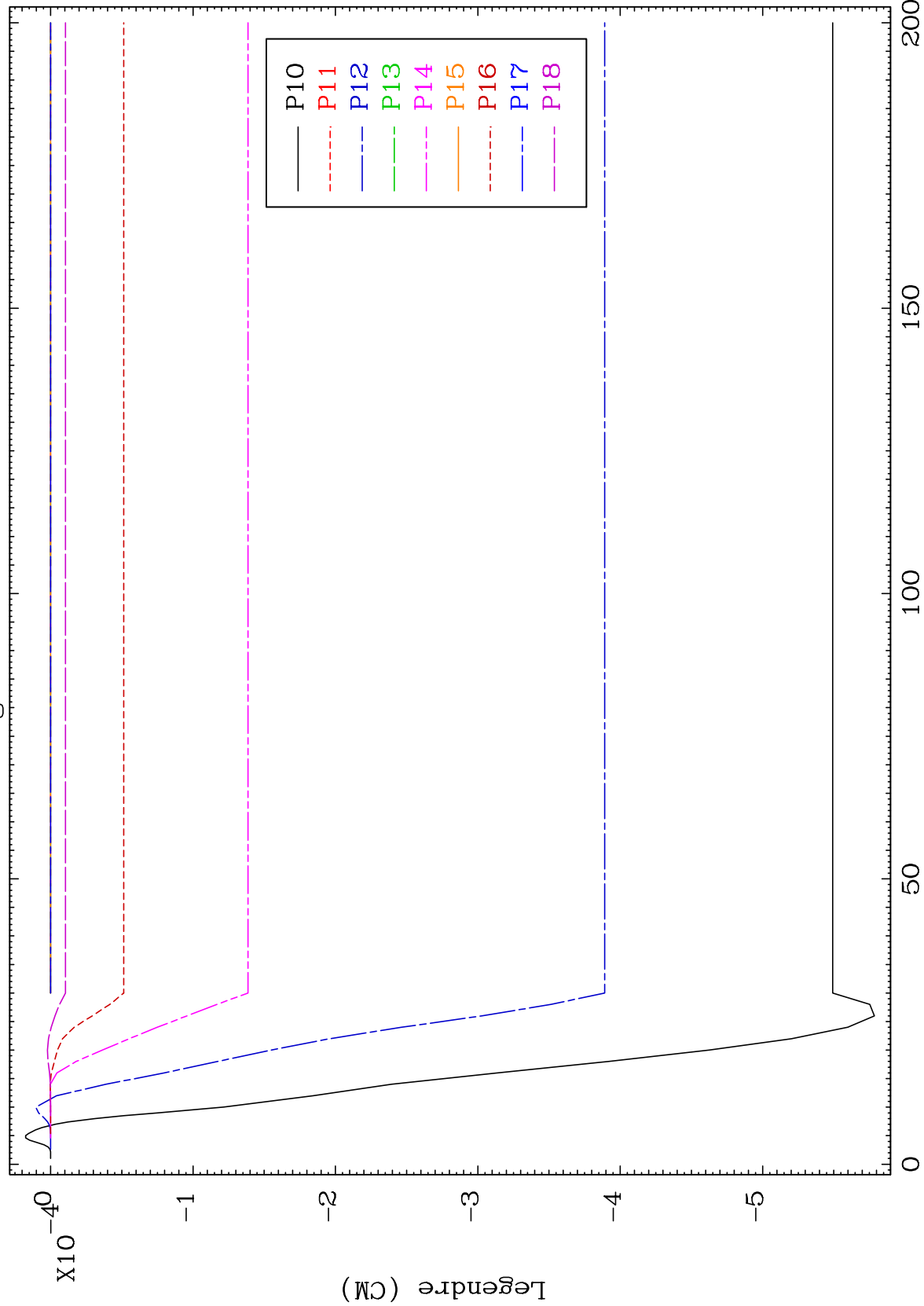
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



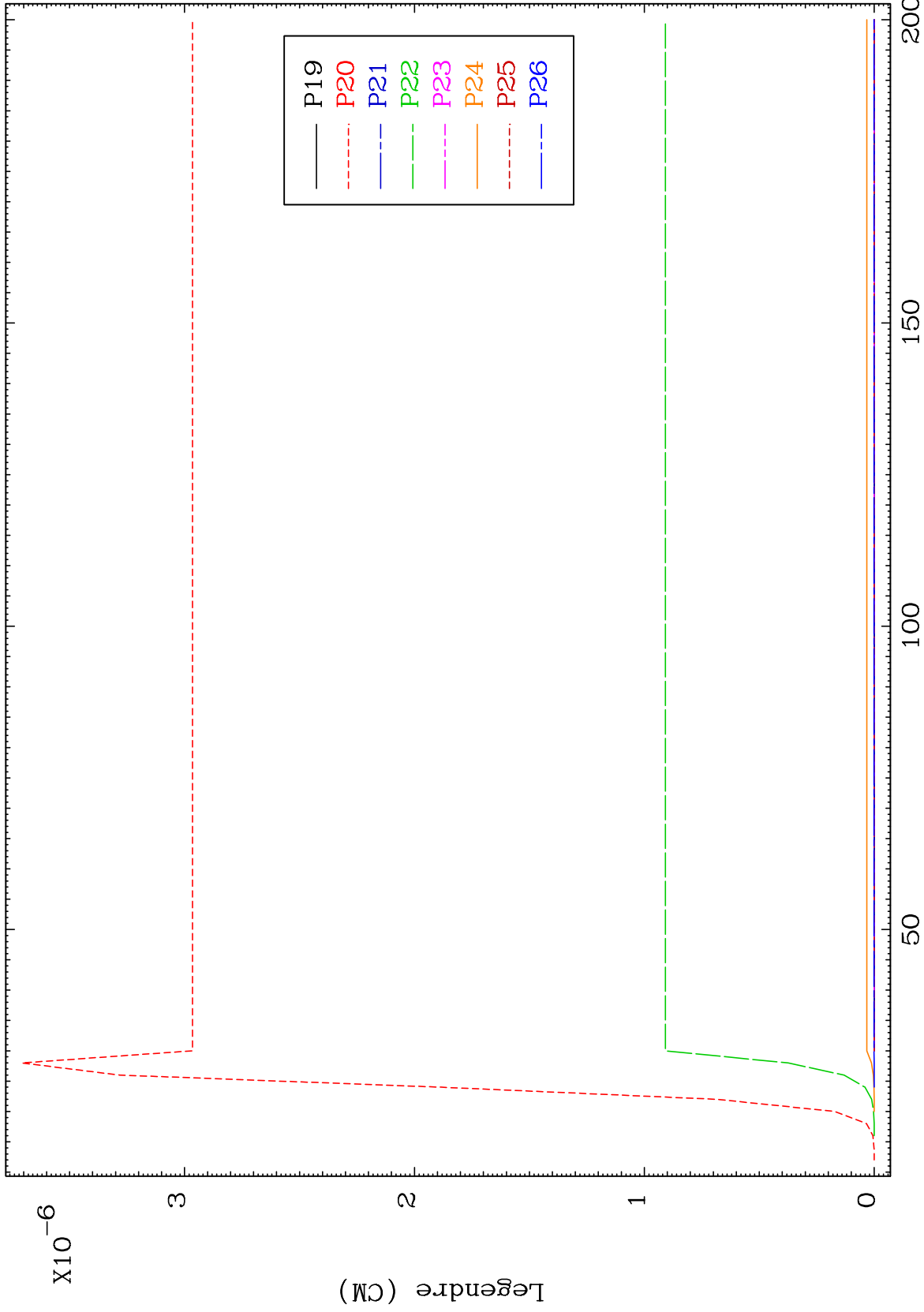
93

77-Ir-198

MAT 7746

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

77-Ir-198



94

Incident Energy (MeV)

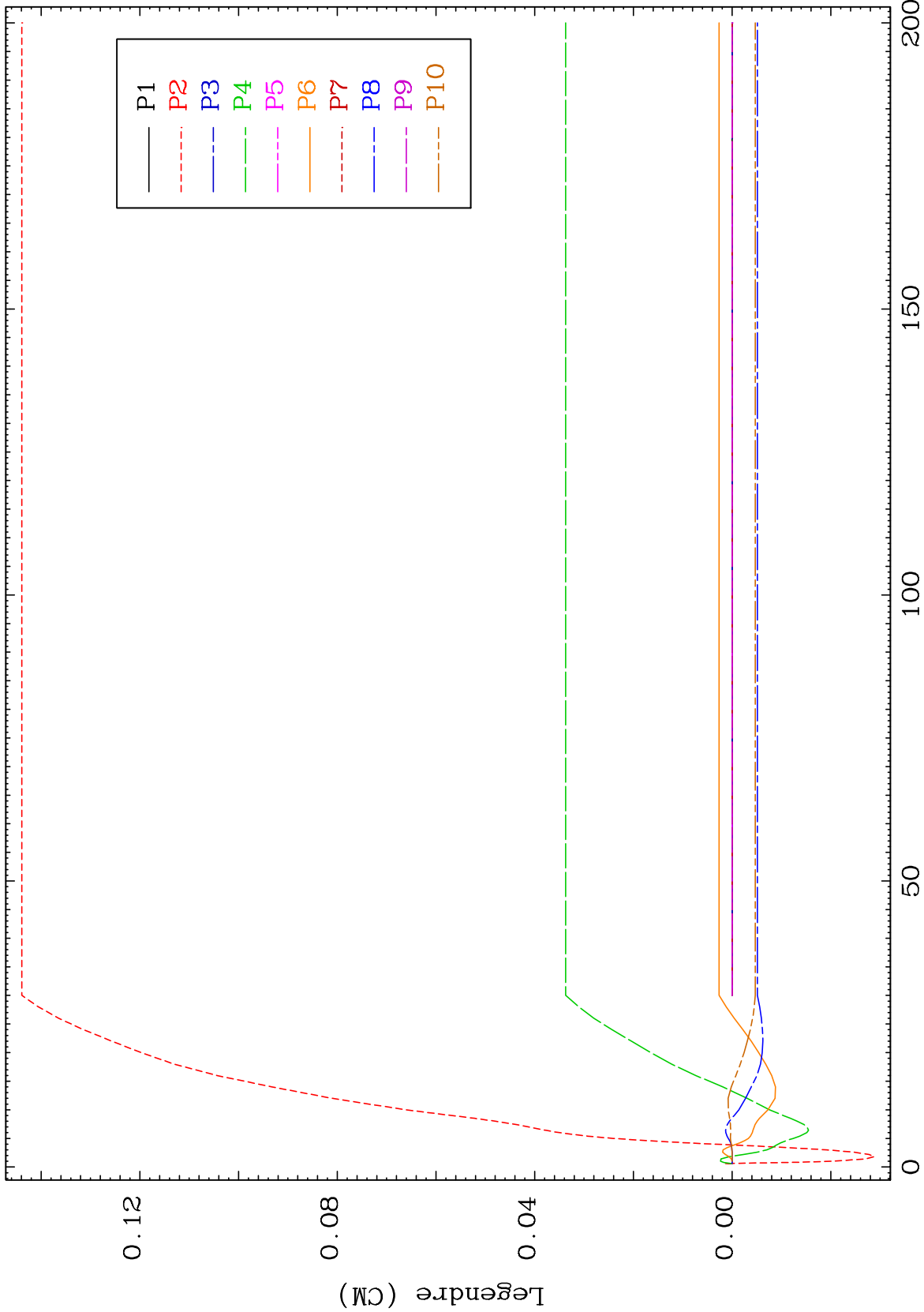
77-Ir-198

MAT 7746

MT= 72 (n,n') Level

77-Ir-198

Legendre Coefficients



77-Ir-198

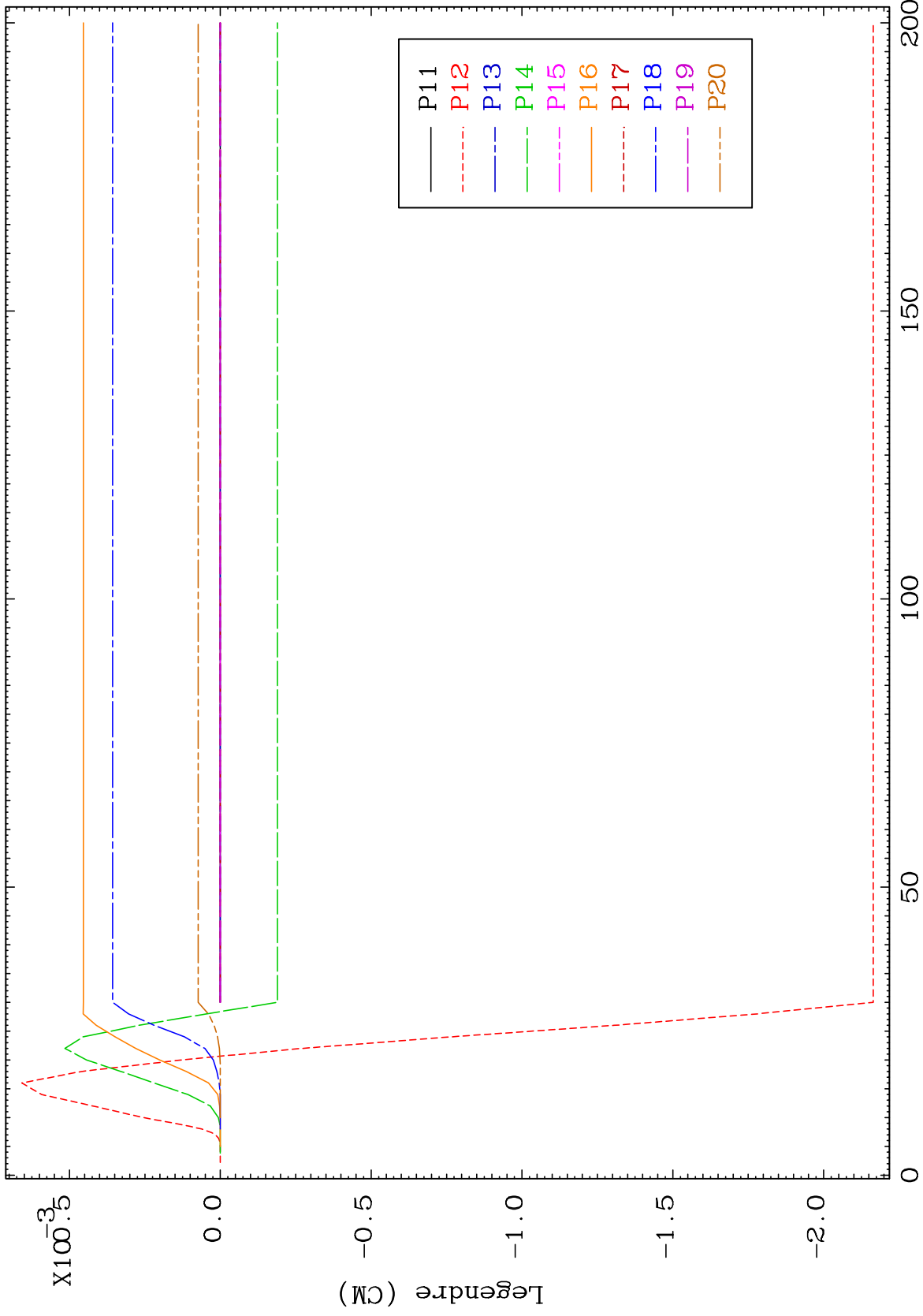
Incident Energy (MeV)

95

MAT 7746

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

77-Ir-198



96

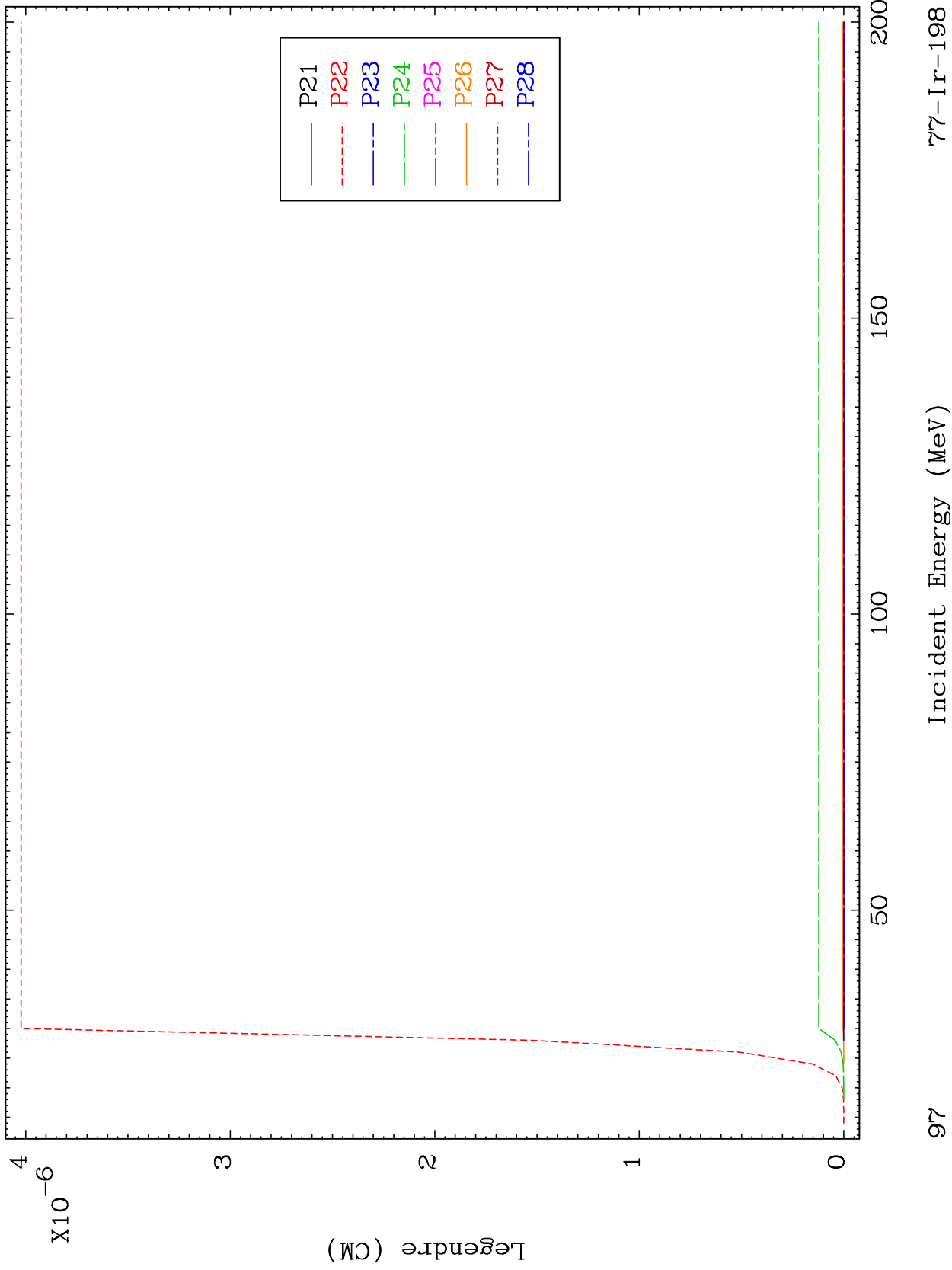
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198

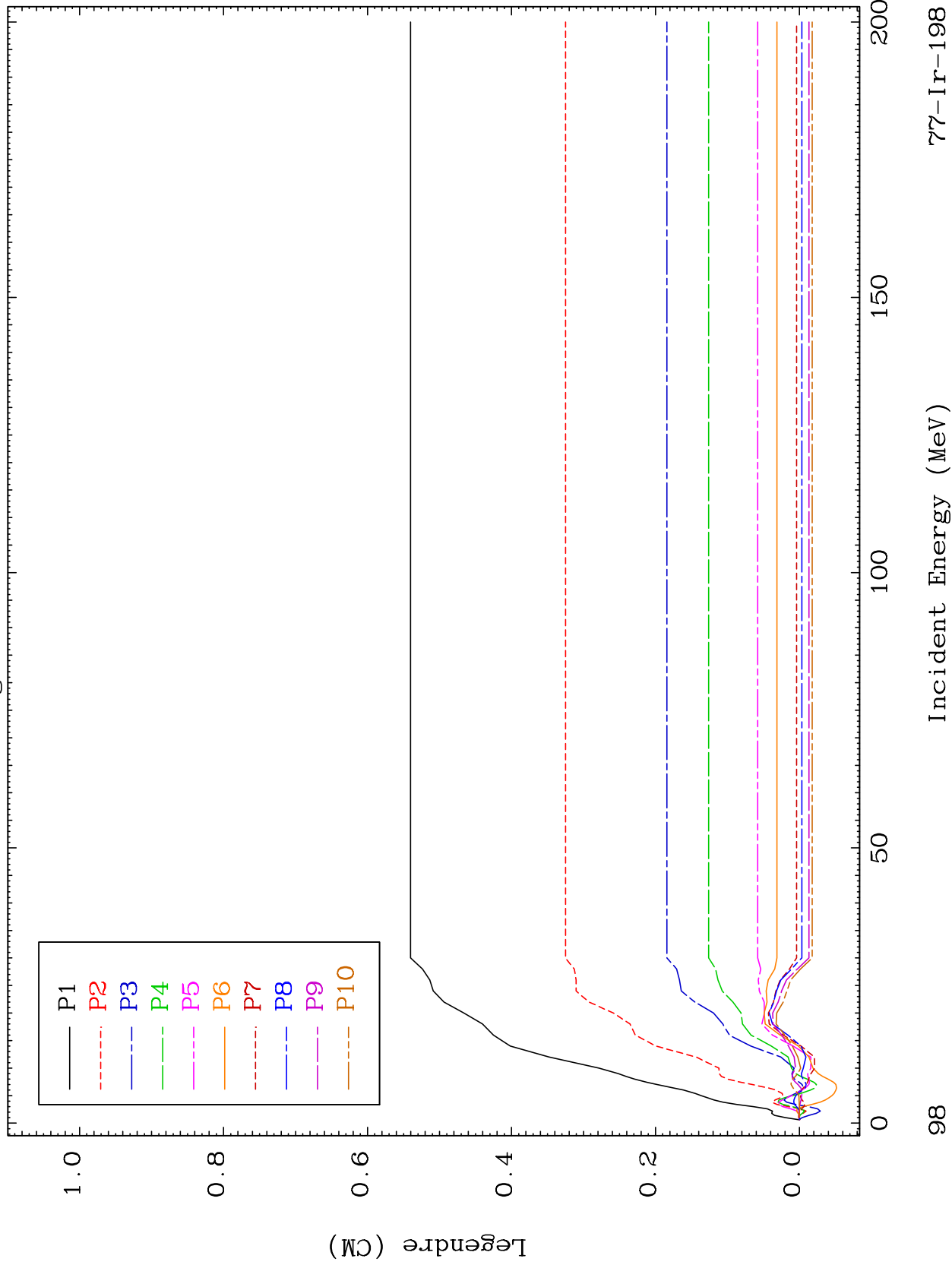


97

MAT 7746

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

77-Ir-198



77-Ir-198

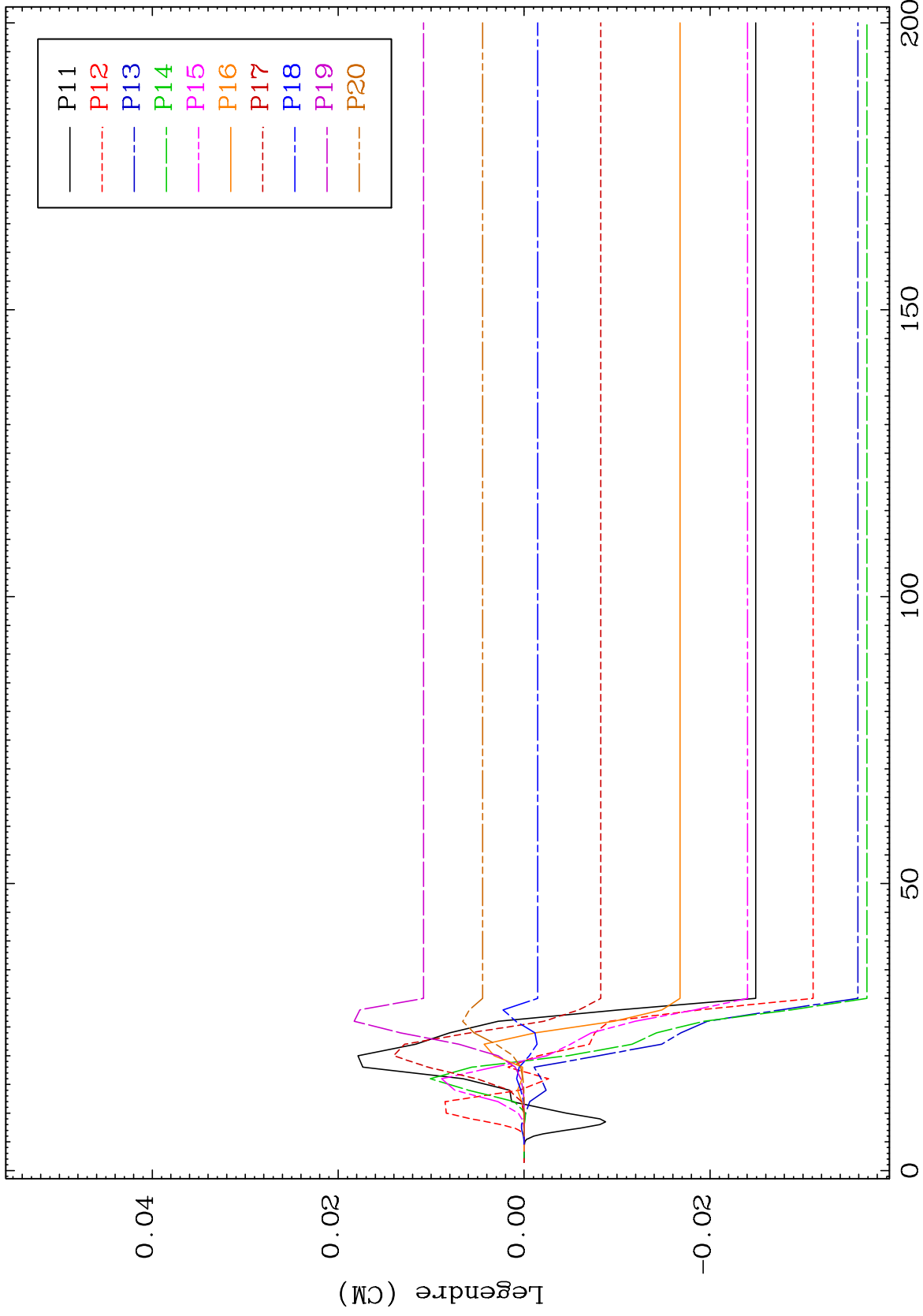
Incident Energy (MeV)

98

MAT 7746

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

77-Ir-198



99

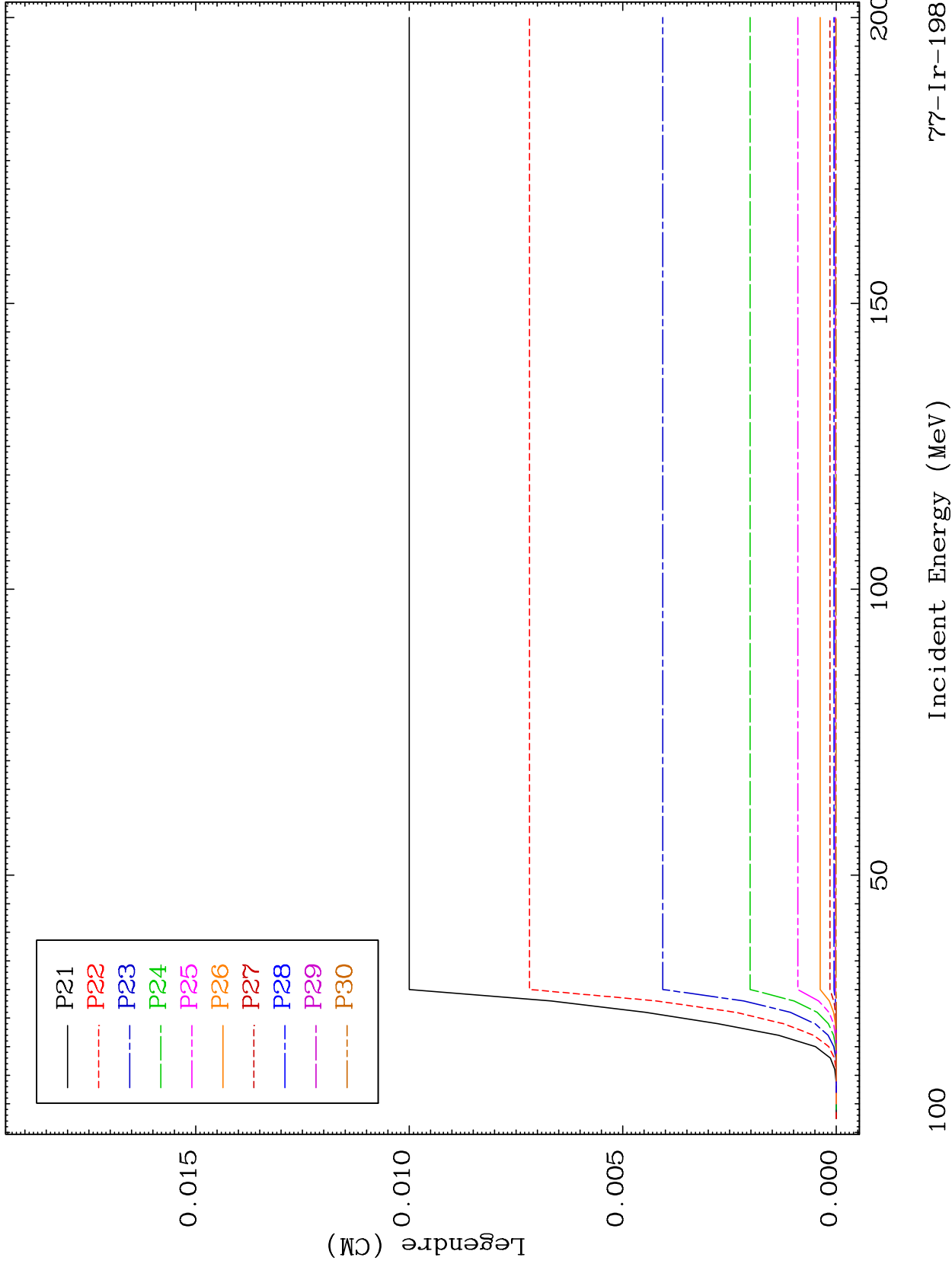
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



77-Ir-198

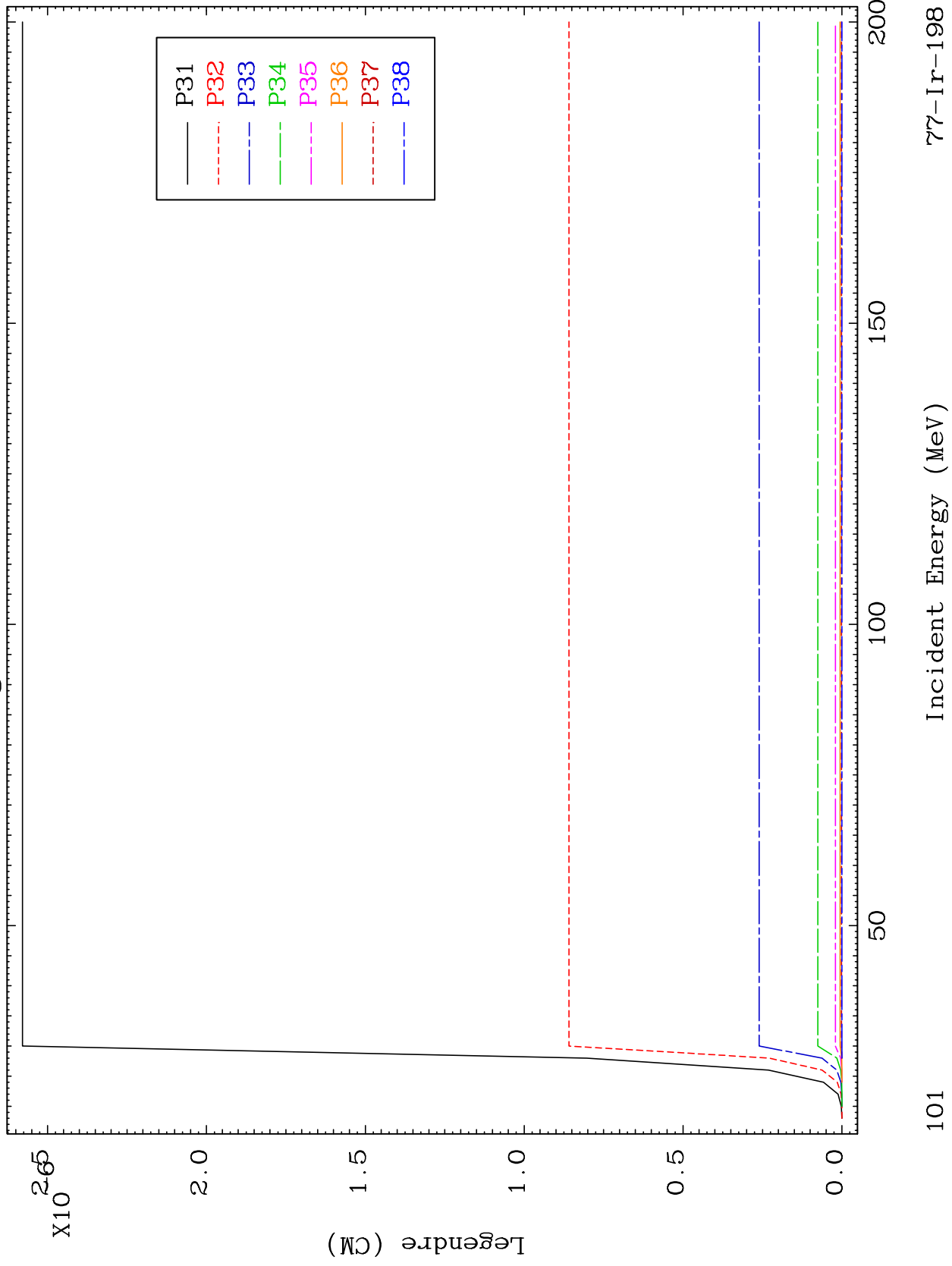
Incident Energy (MeV)

100

MAT 7746

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

77-Ir-198



101

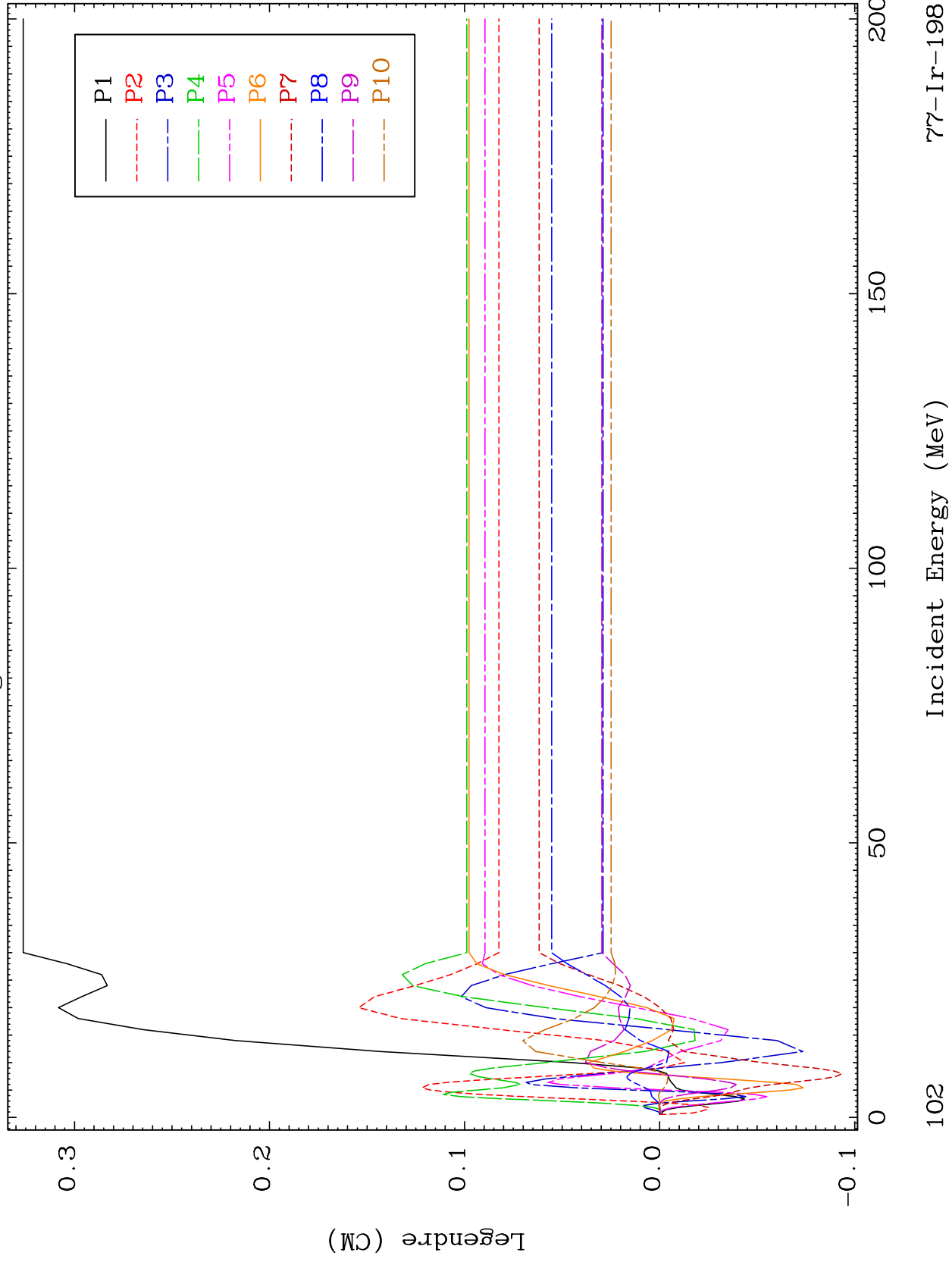
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

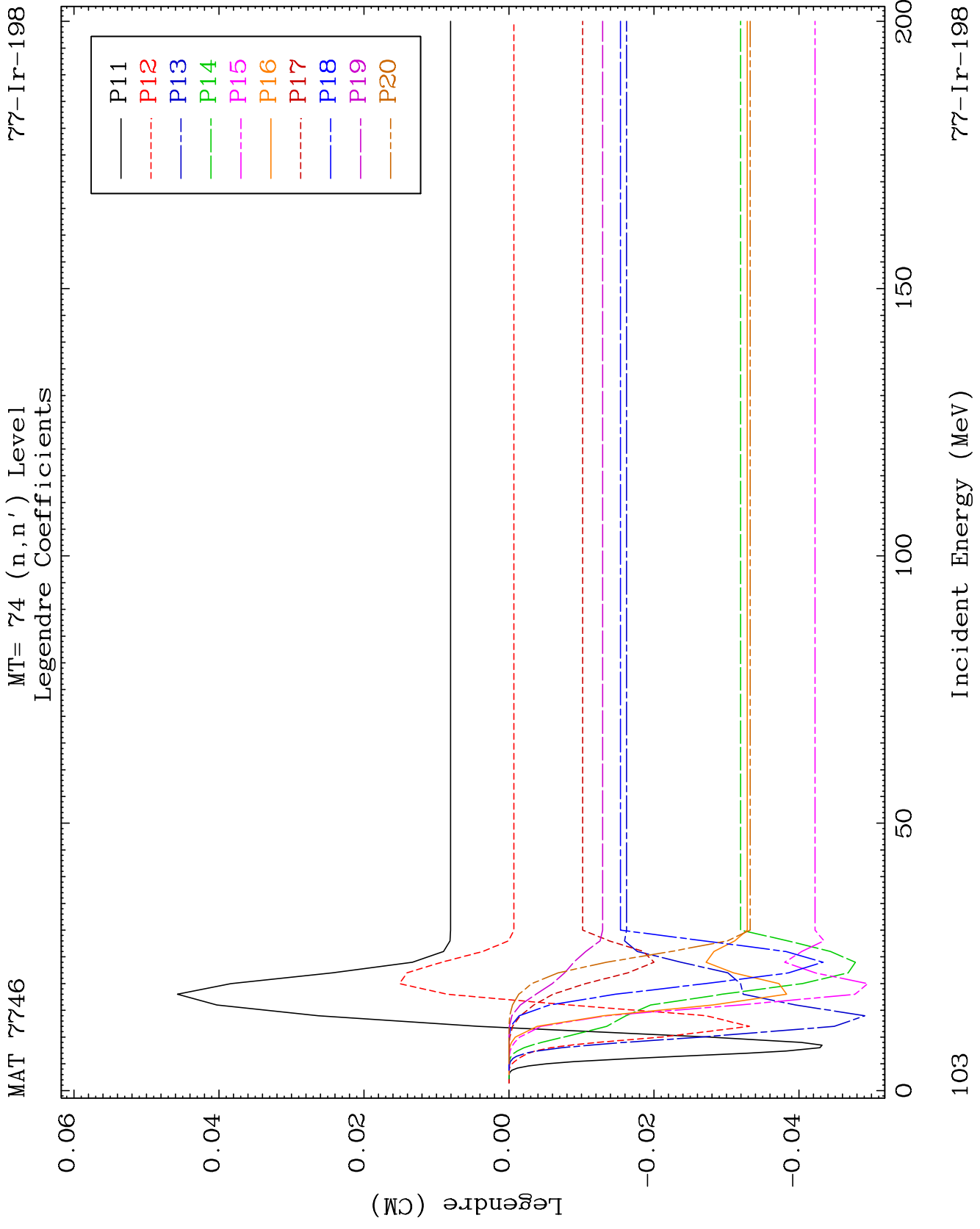
77-Ir-198



77-Ir-198

Incident Energy (MeV)

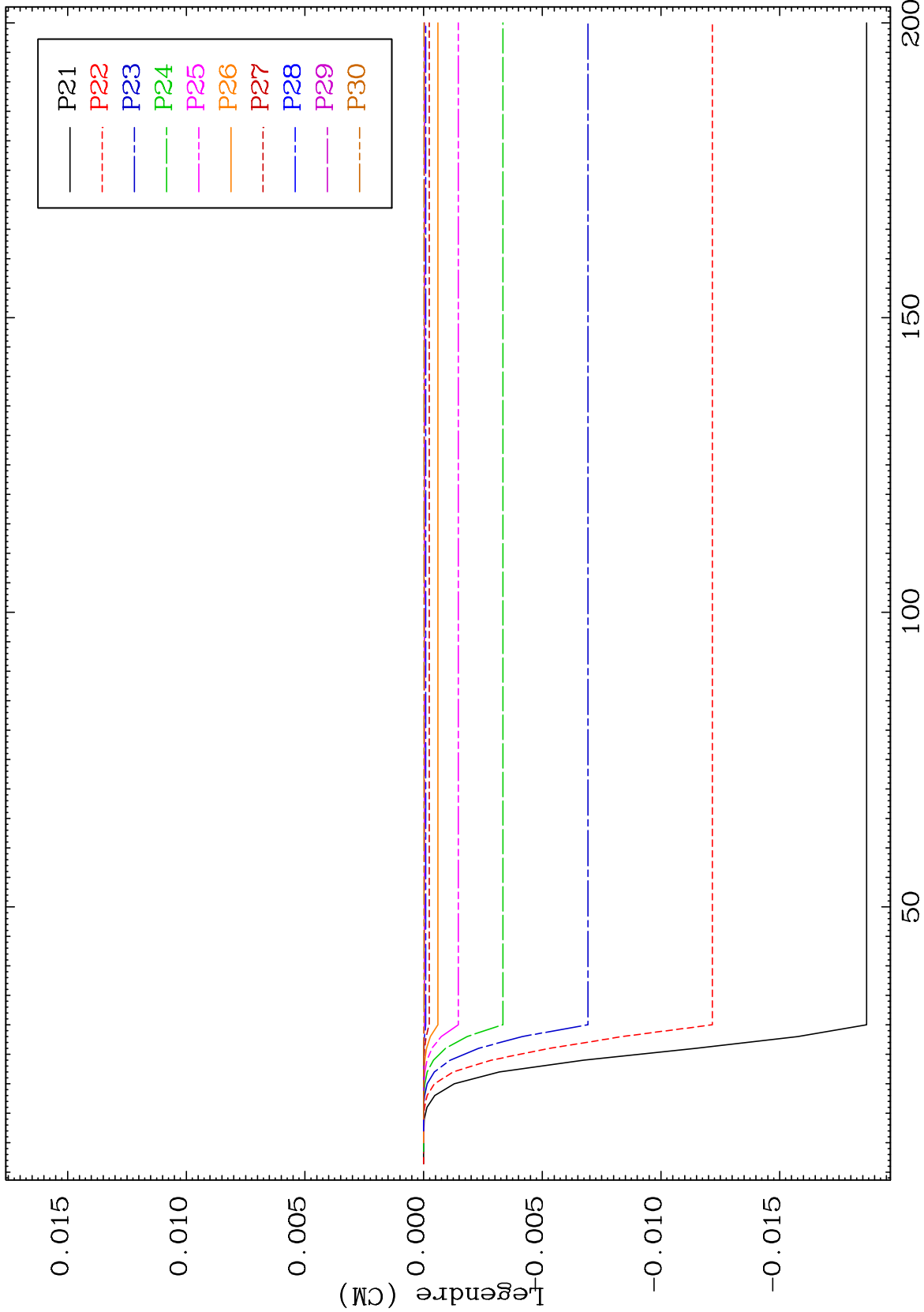
102



MAT 7746

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

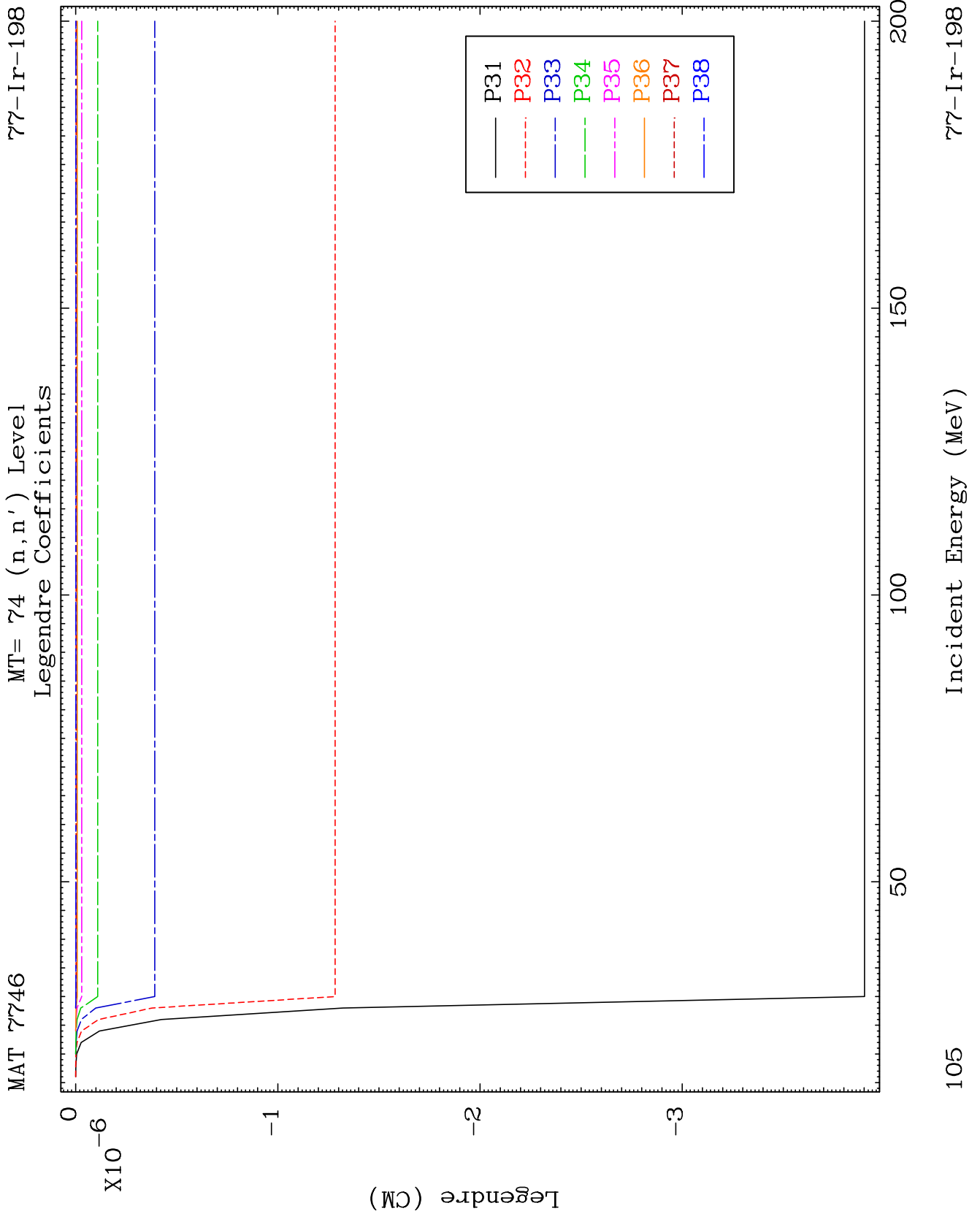
77-Ir-198



104

Incident Energy (MeV)

77-Ir-198

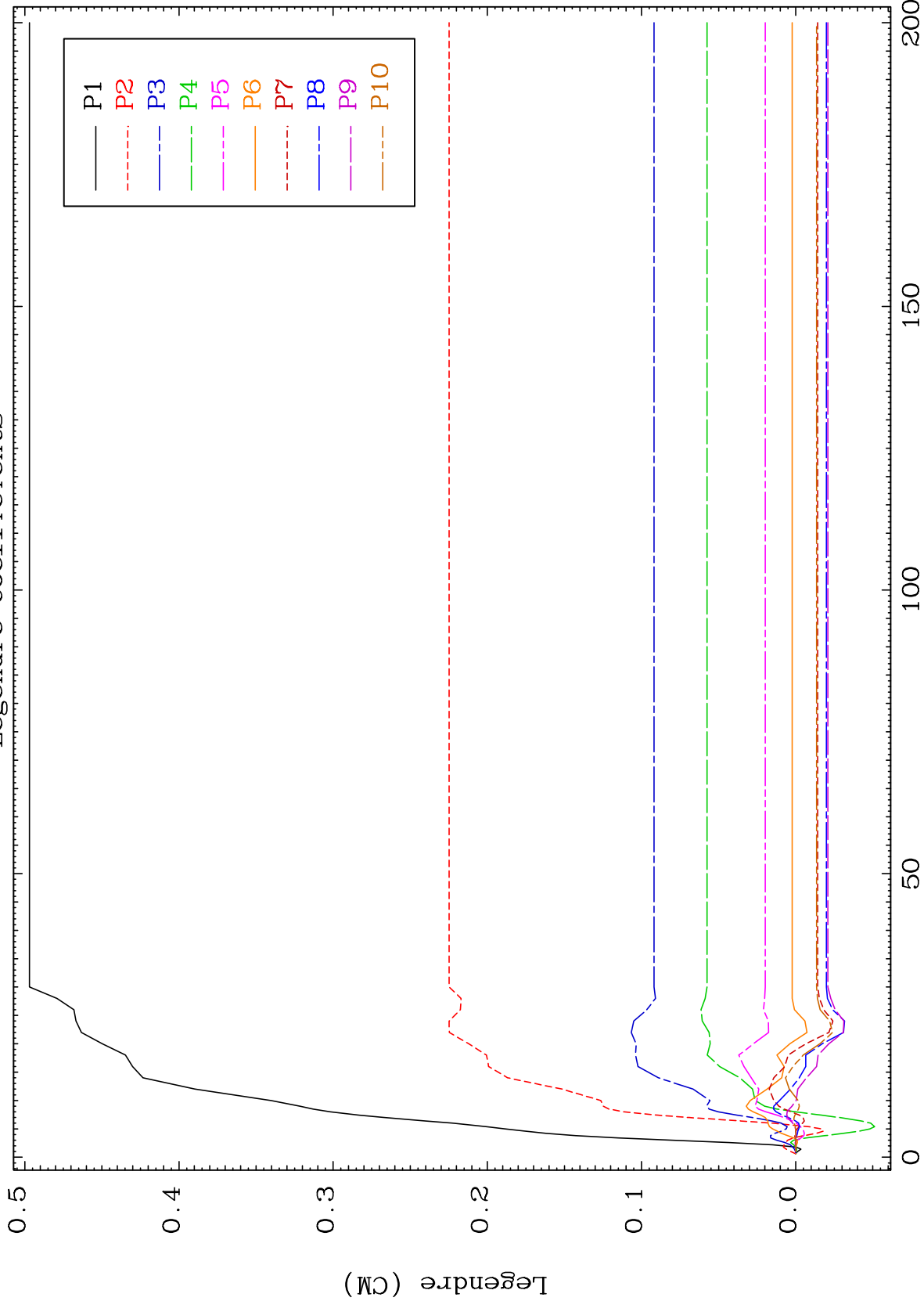


MAT 7746

MT= 75 (n,n') Level

77-Ir-198

Legendre Coefficients



77-Ir-198

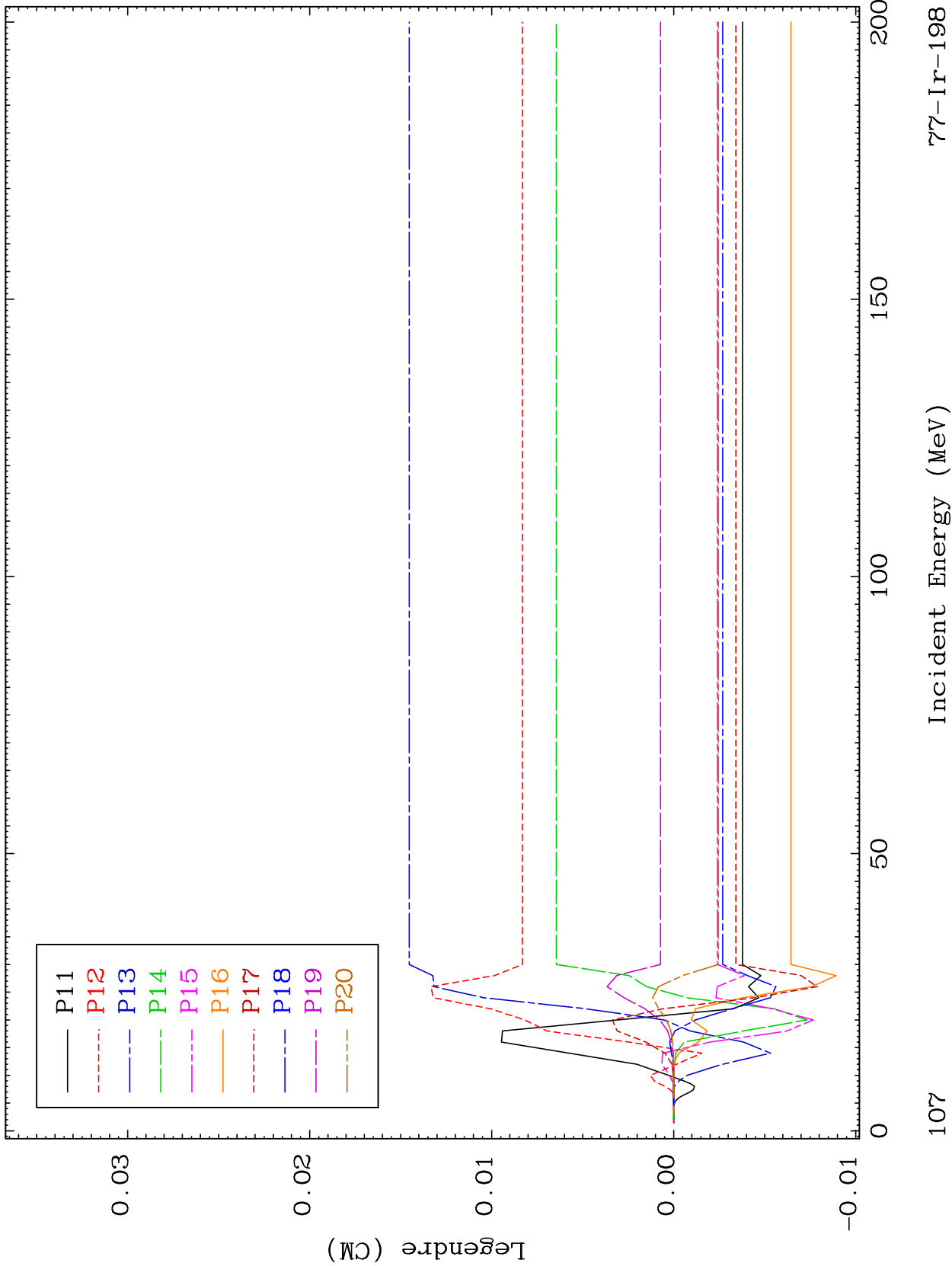
Incident Energy (MeV)

106

MAT 7746

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

77-Ir-198



107

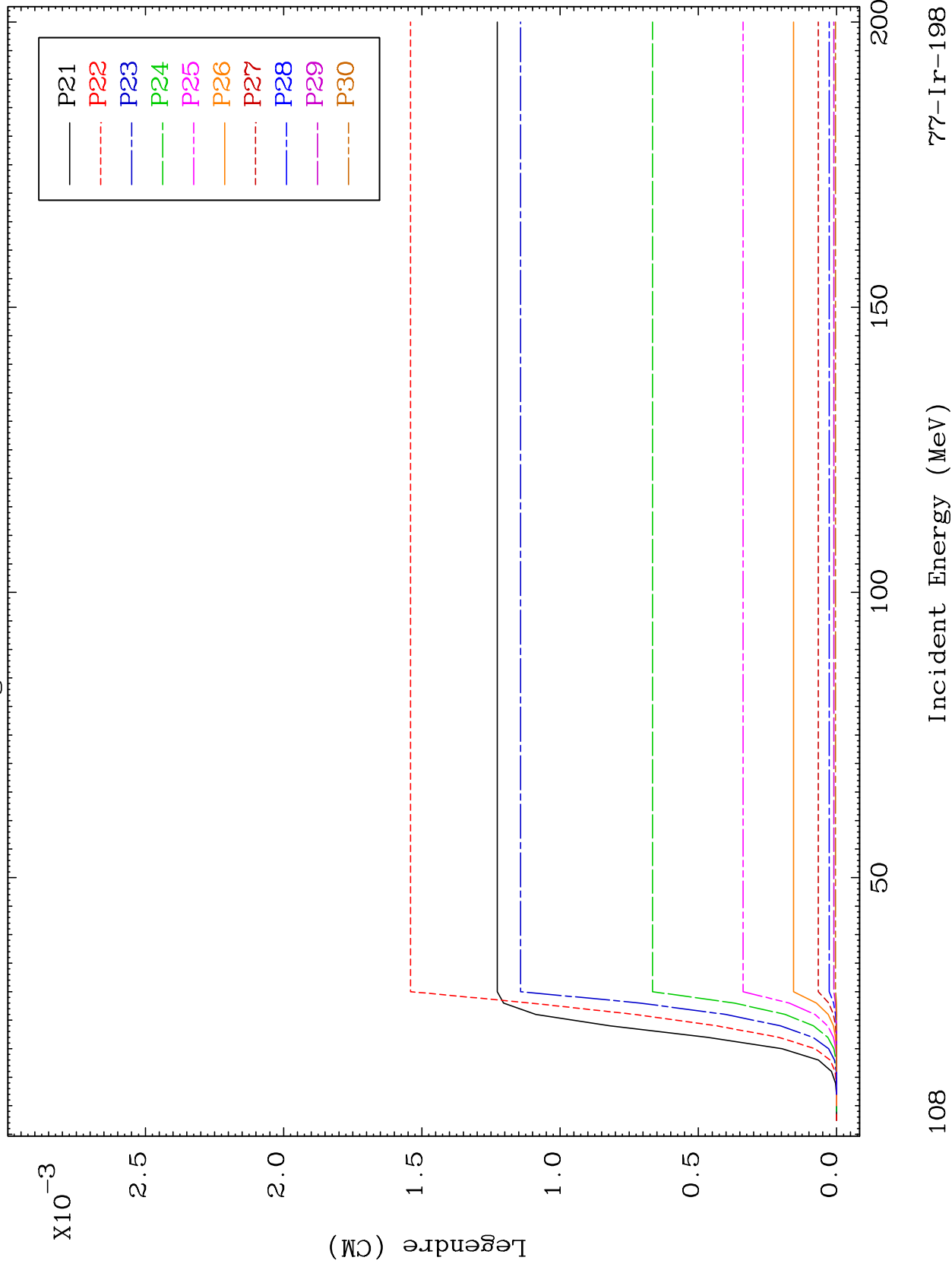
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



108

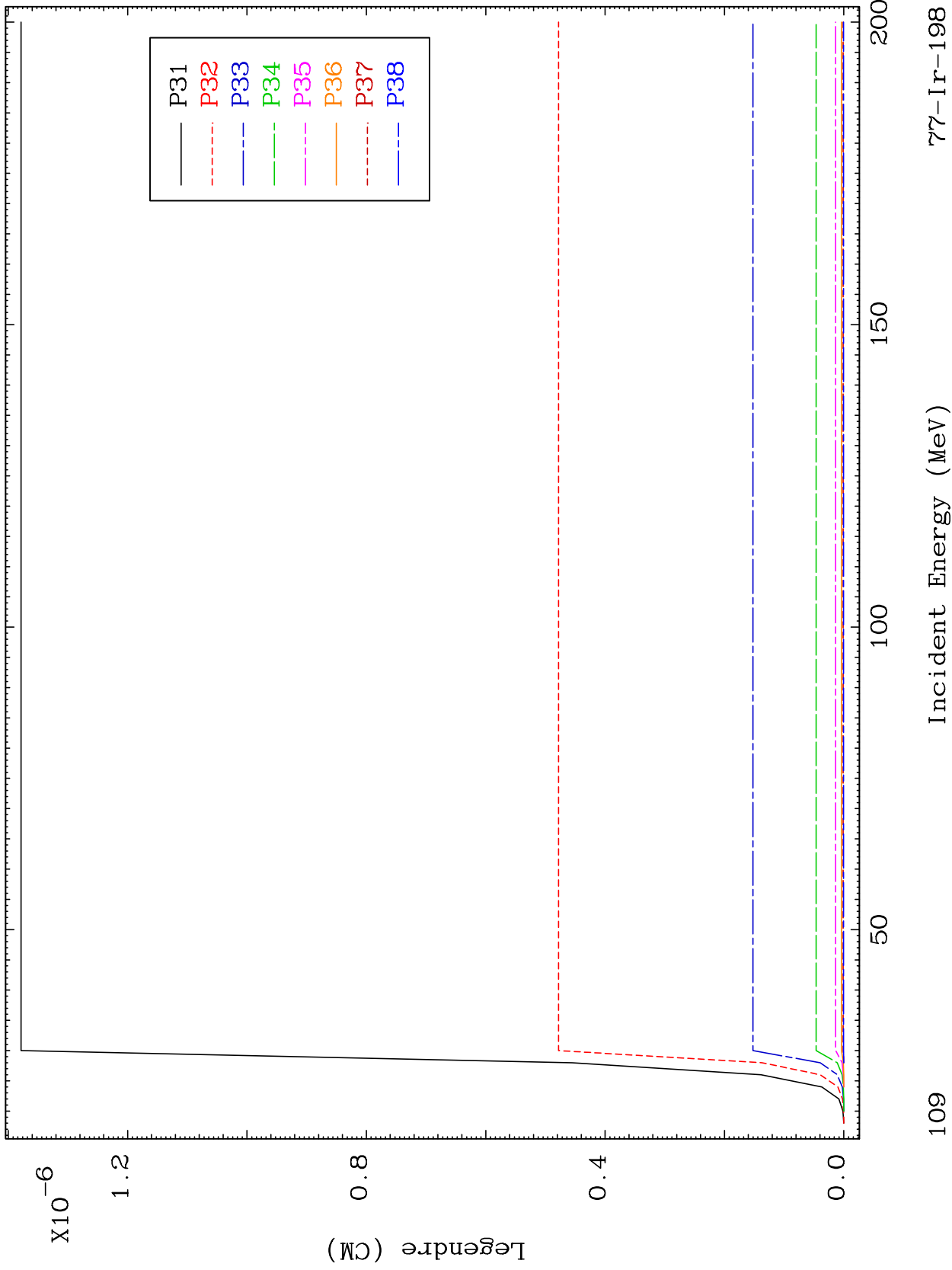
Incident Energy (MeV)

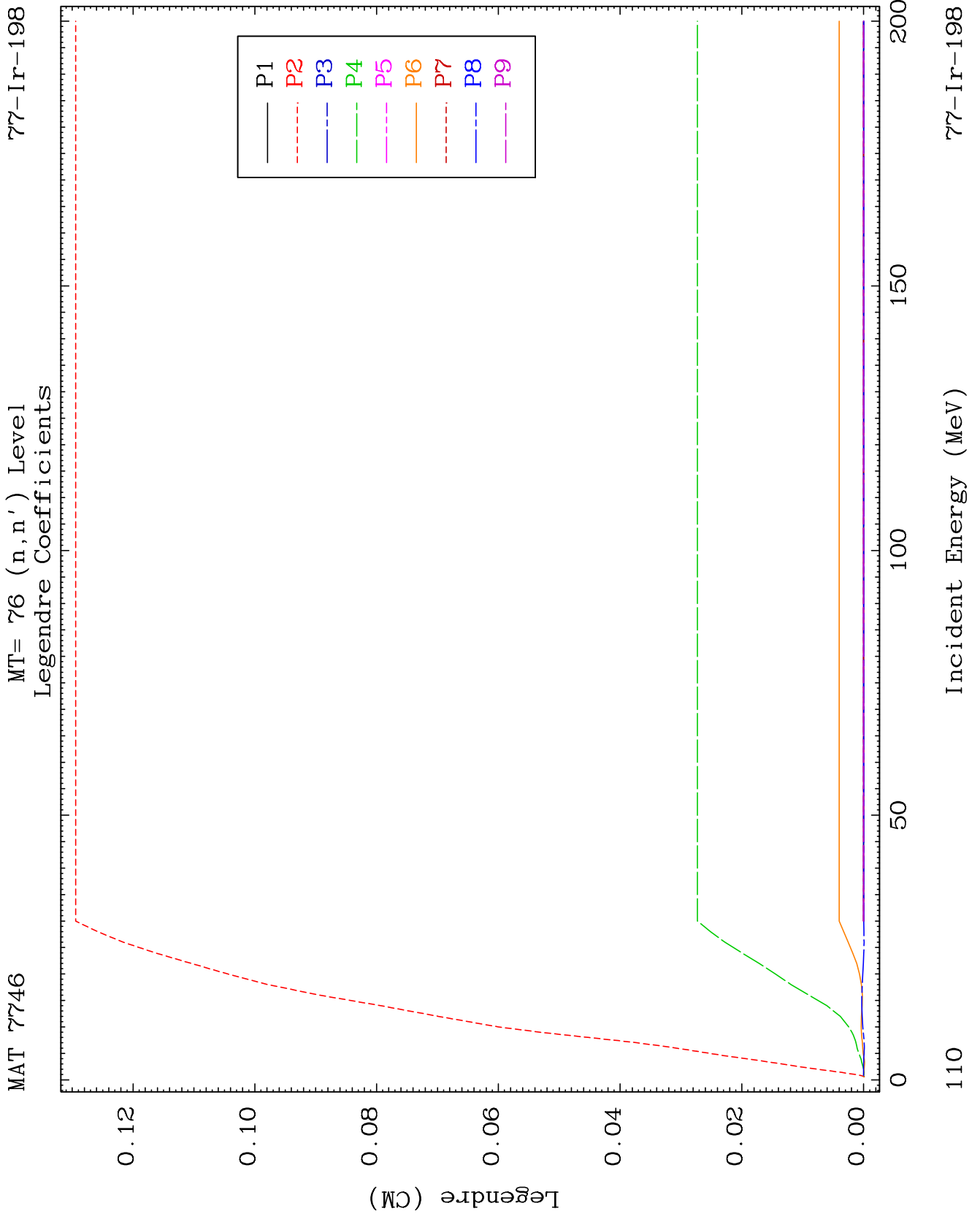
77-Ir-198

MAT 7746

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

77-Ir-198

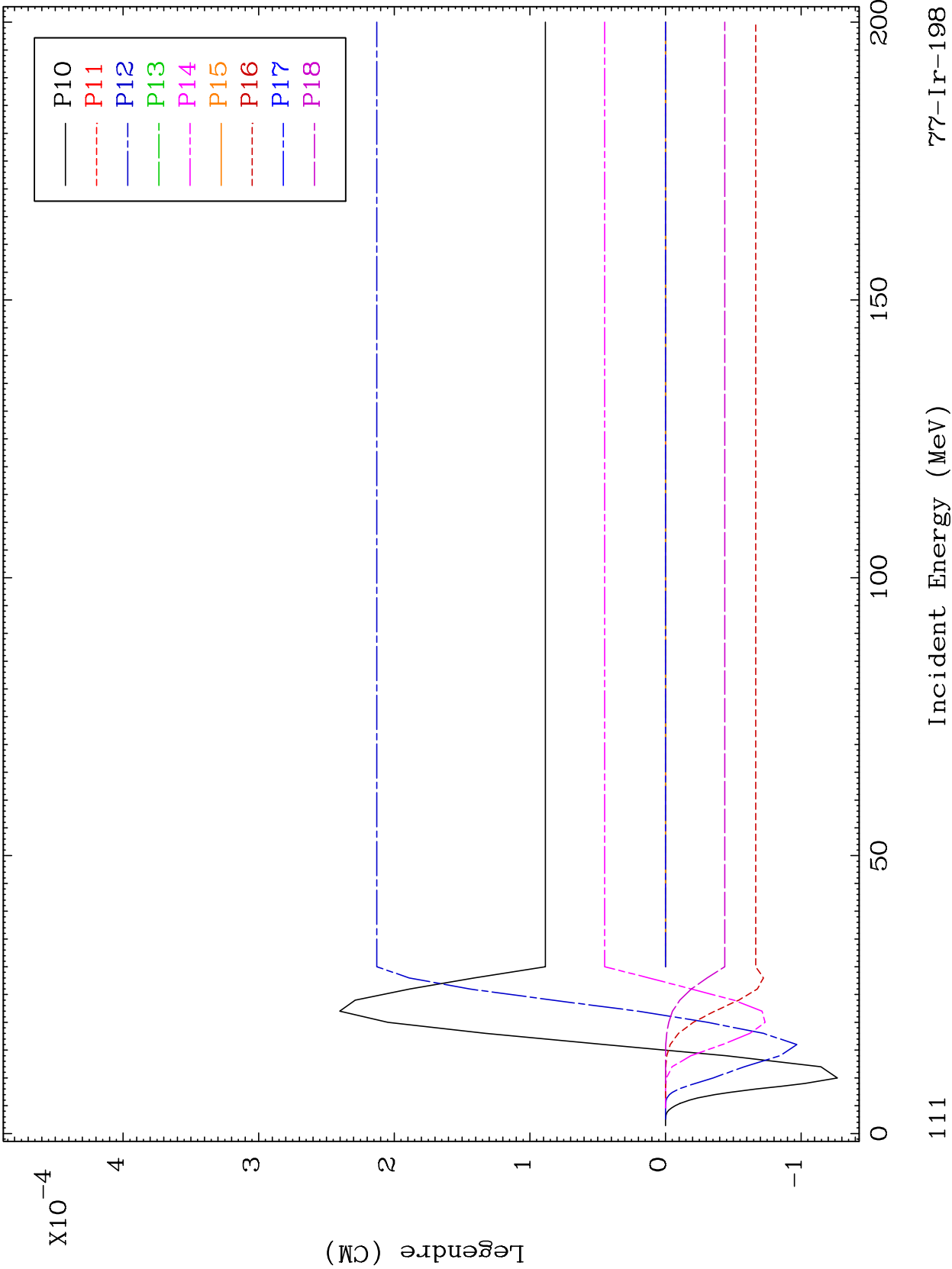




MAT 7746

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

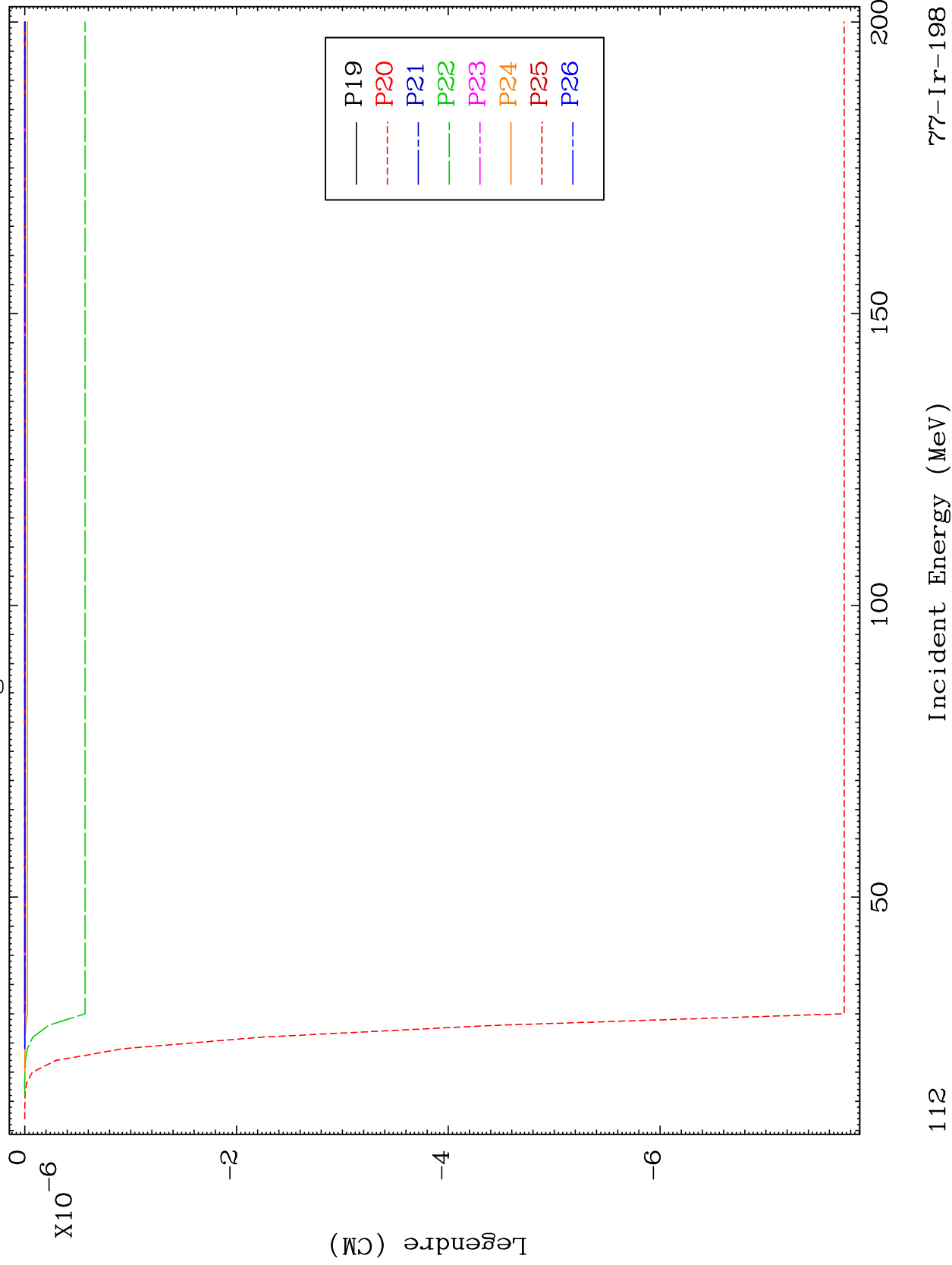
77-Ir-198



MAT 7746

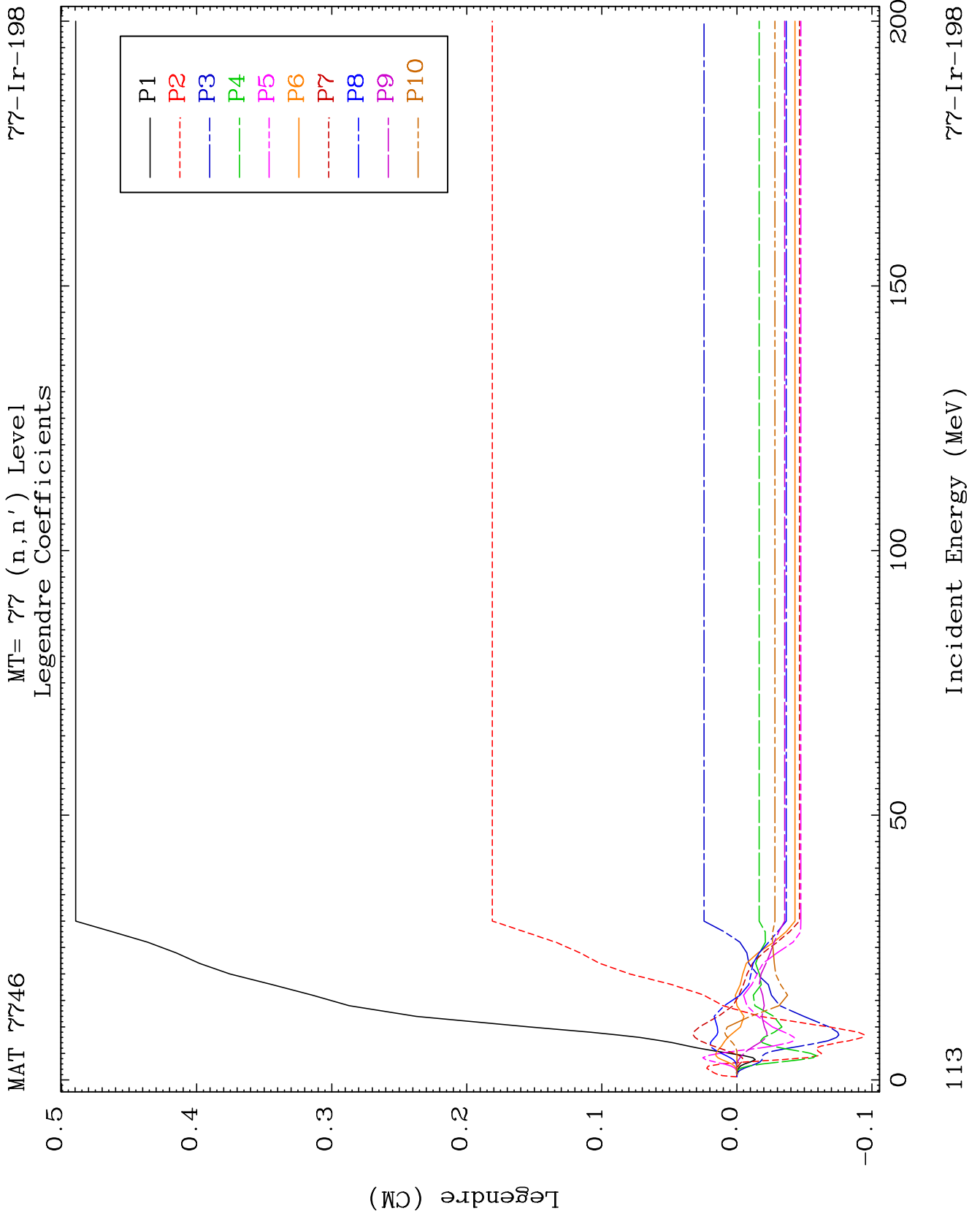
MT= 76 (n,n') Level
Legendre Coefficients

77-Ir-198



112

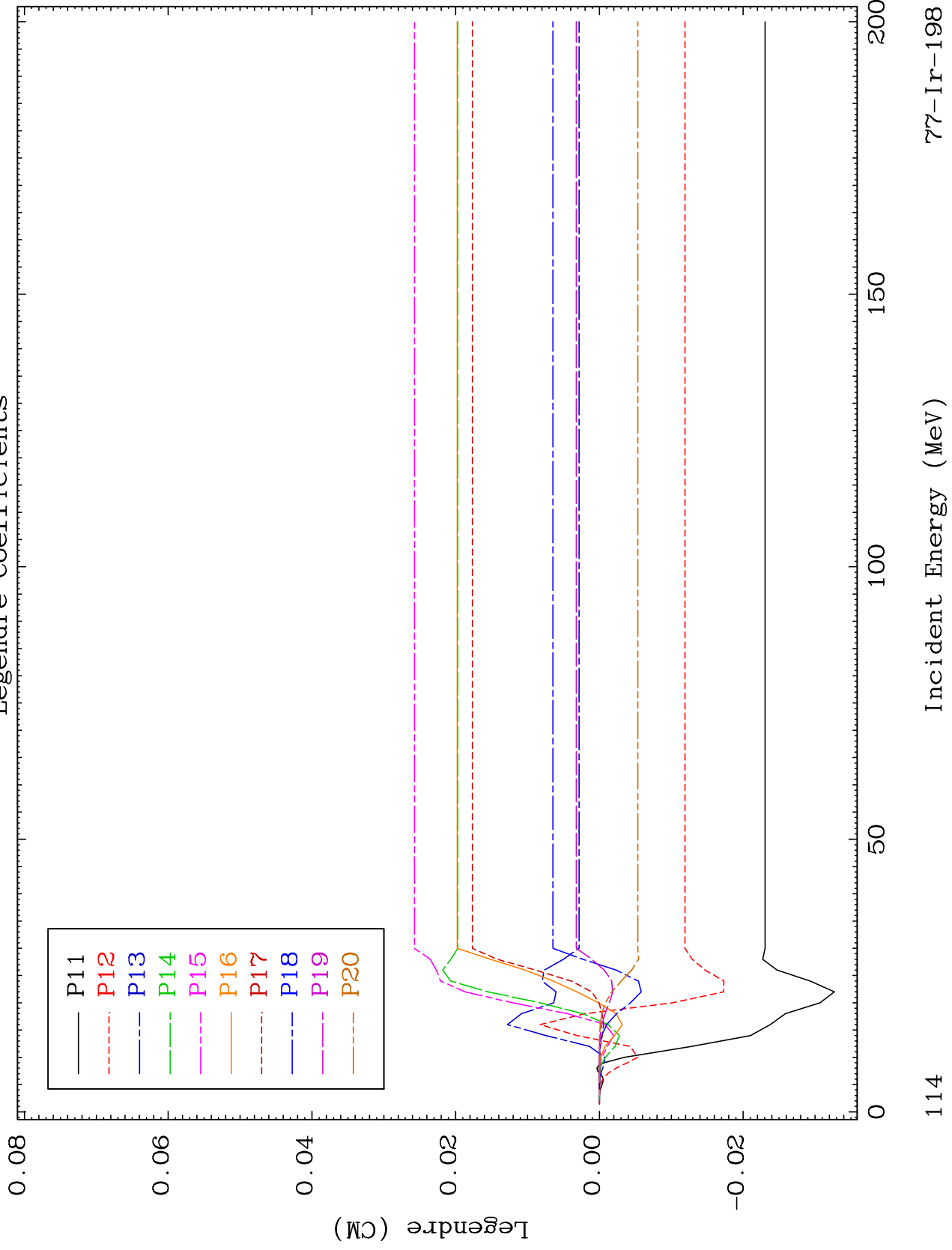
77-Ir-198



MAT 7746

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

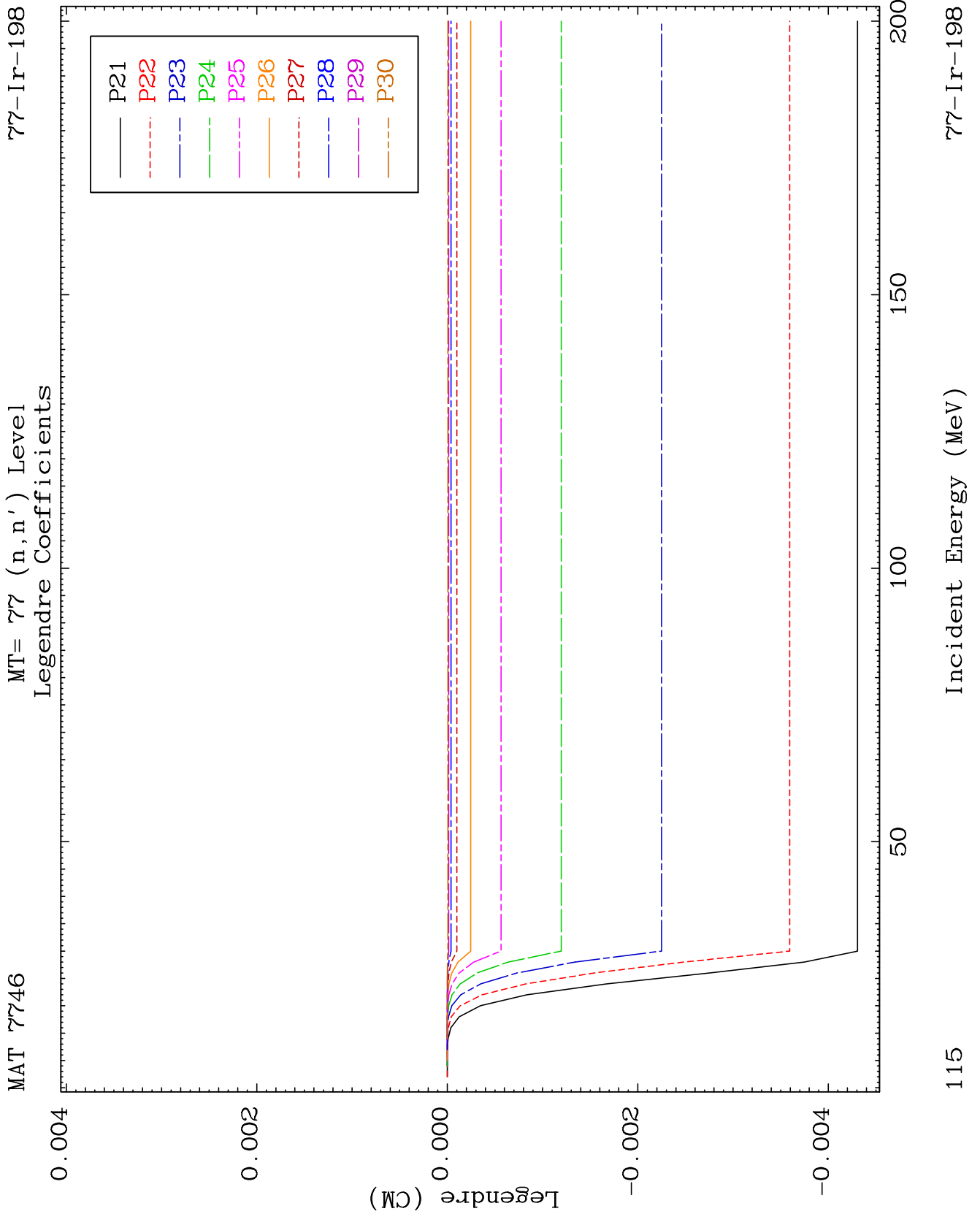
77-Ir-198

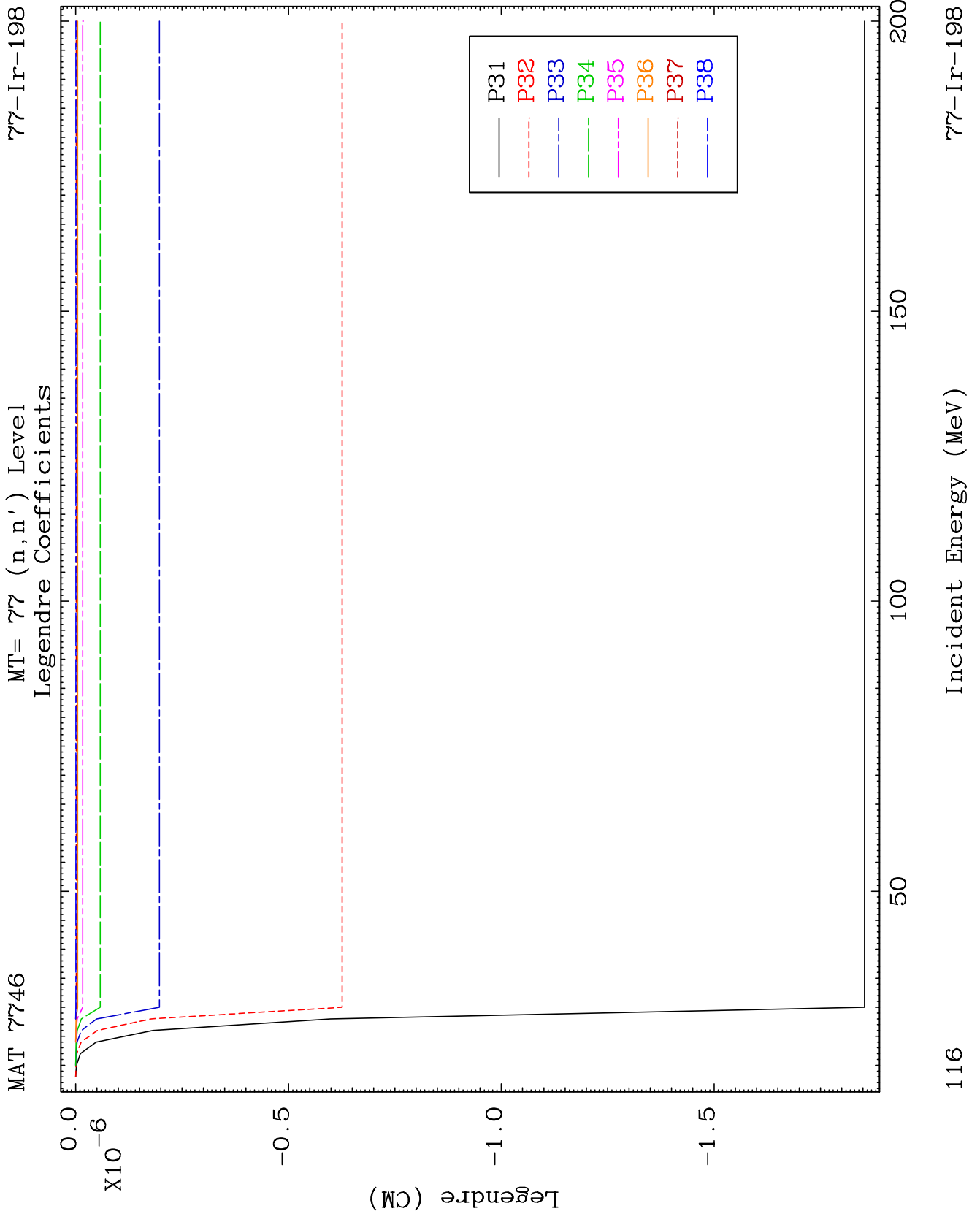


77-Ir-198

Incident Energy (MeV)

114

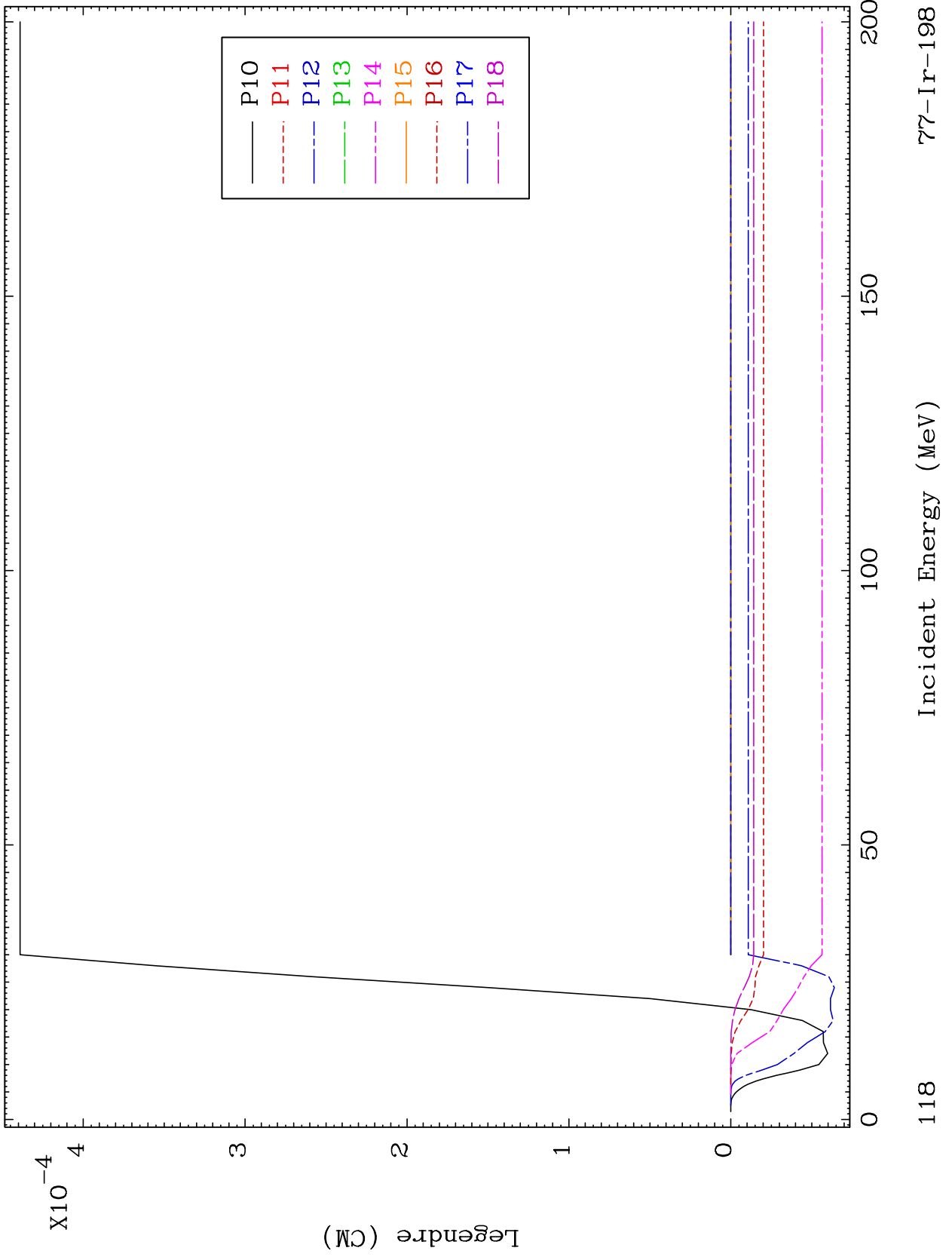




MAT 7746

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

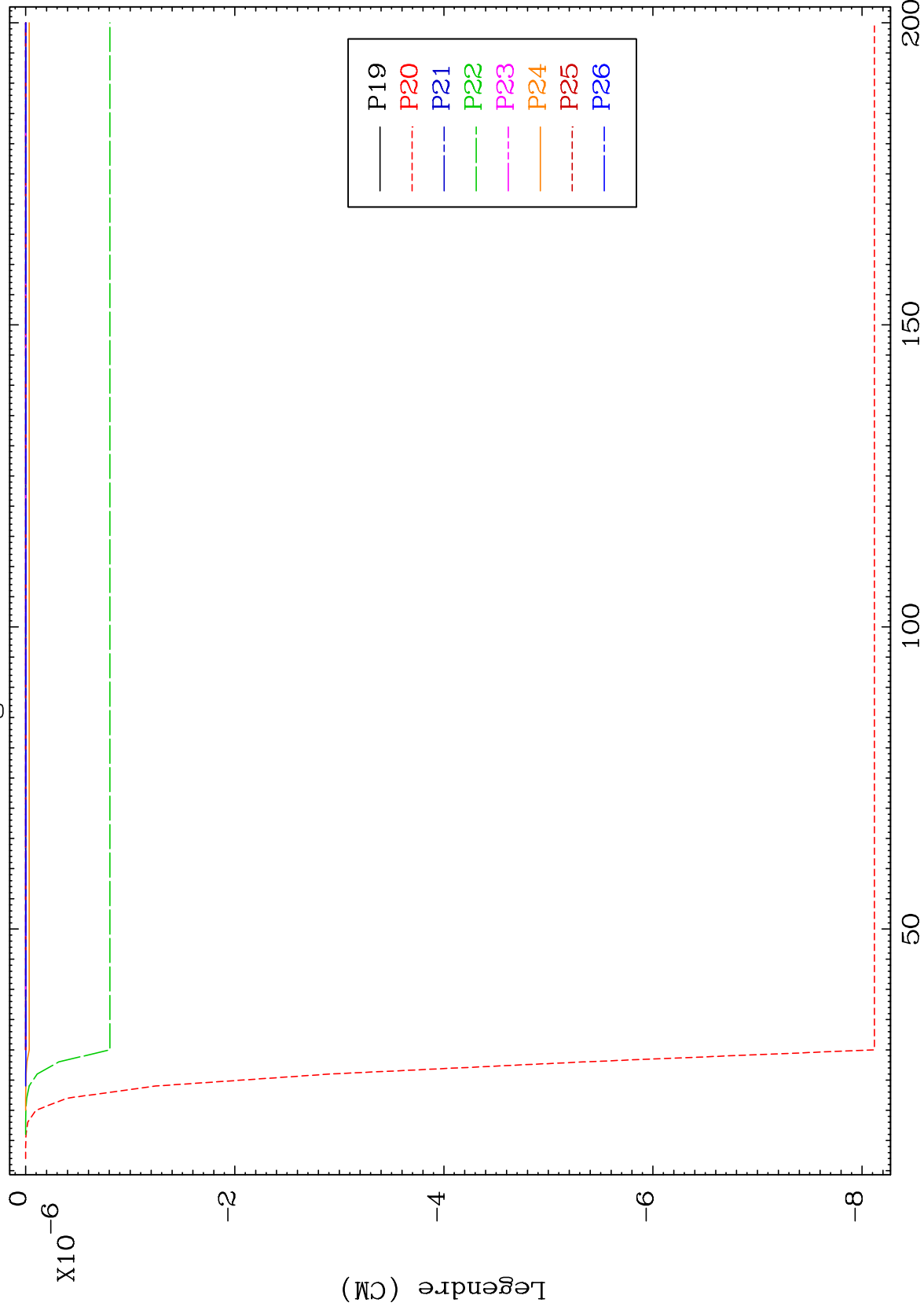
77-Ir-198



MAT 7746

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

77-Ir-198



119

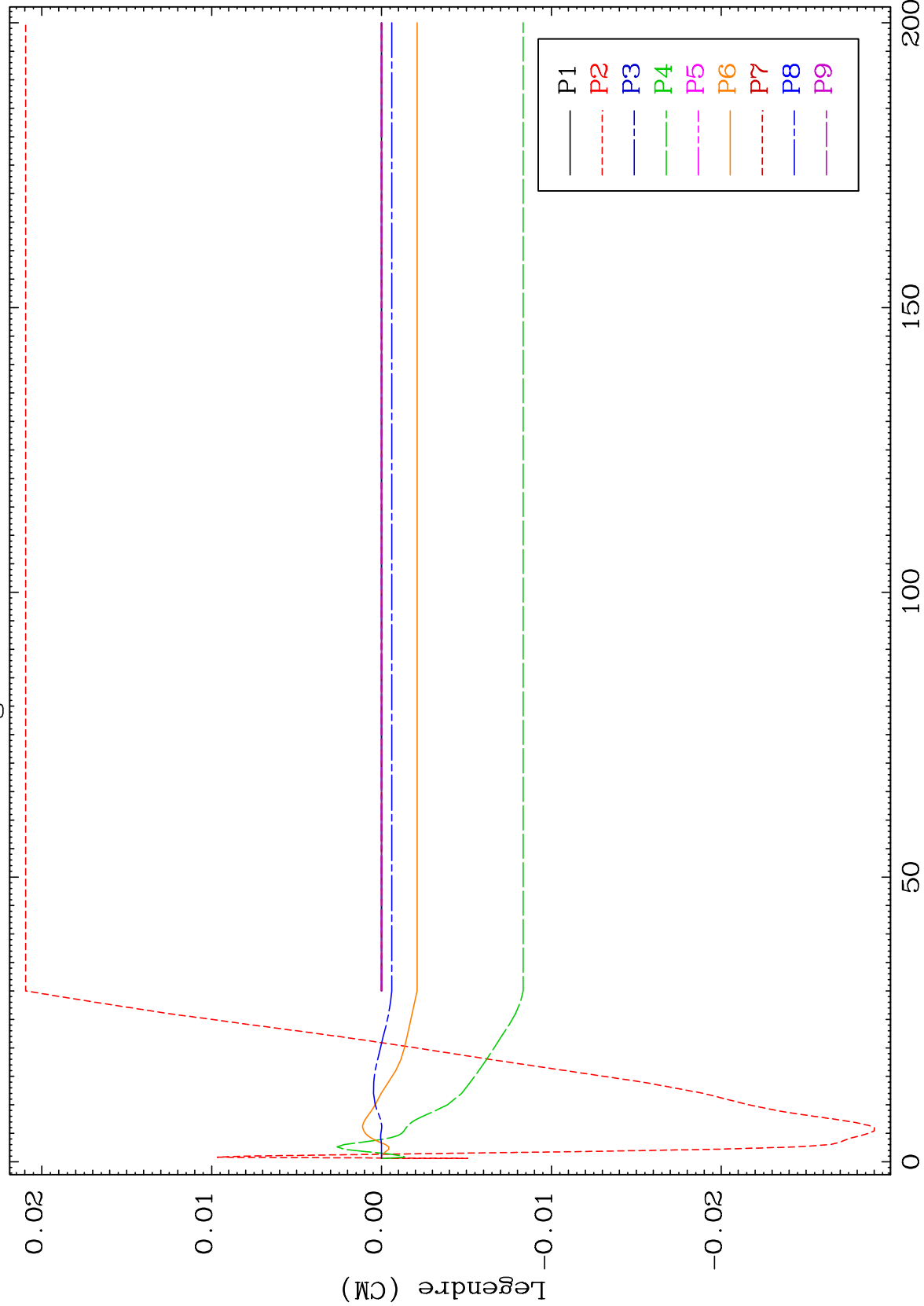
Incident Energy (MeV)

77-Ir-198

MAT 7746

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

77-Ir-198



77-Ir-198

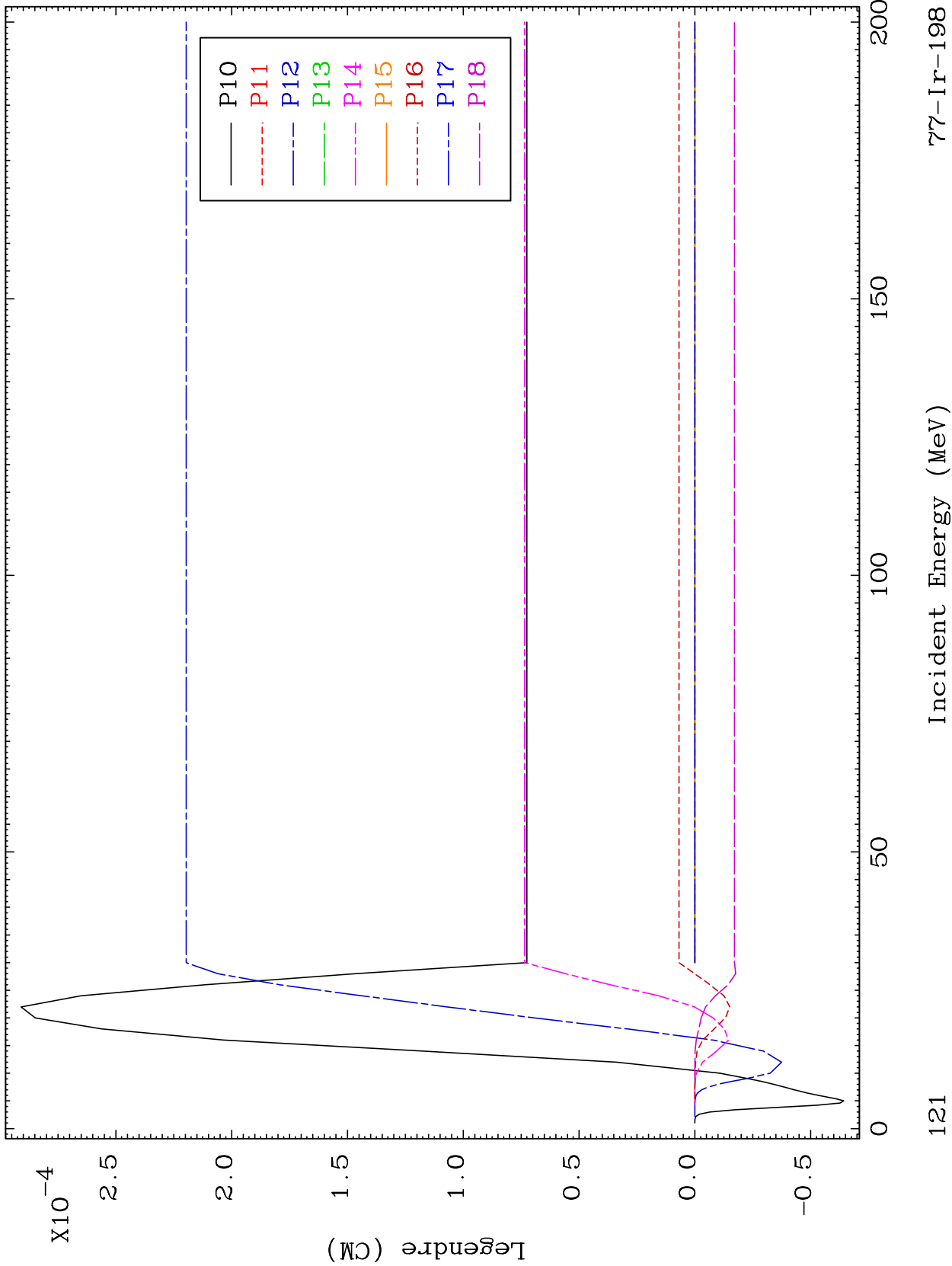
Incident Energy (MeV)

0

MAT 7746

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

77-Ir-198



77-Ir-198

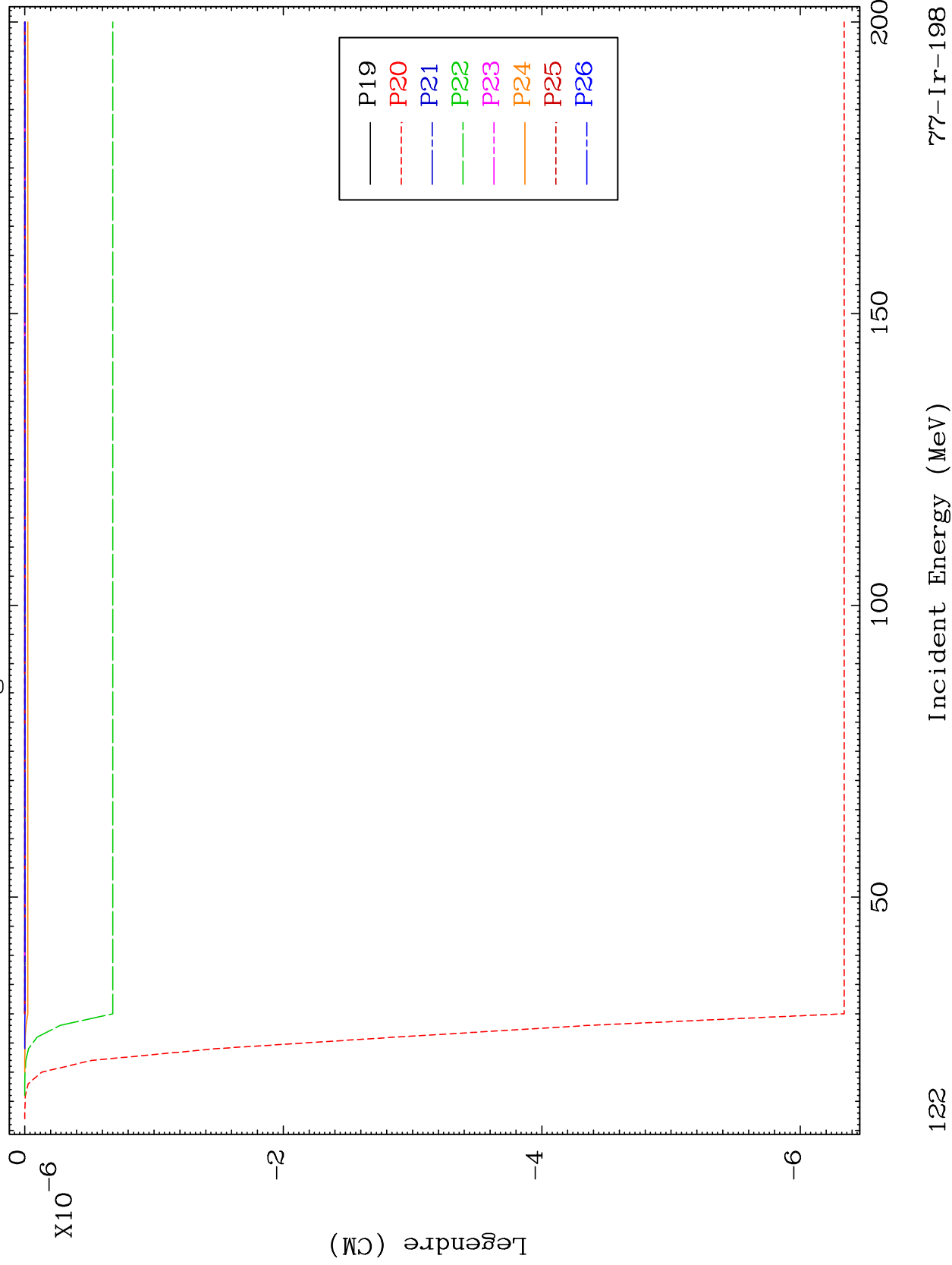
Incident Energy (MeV)

121

MAT 7746

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

77-Ir-198



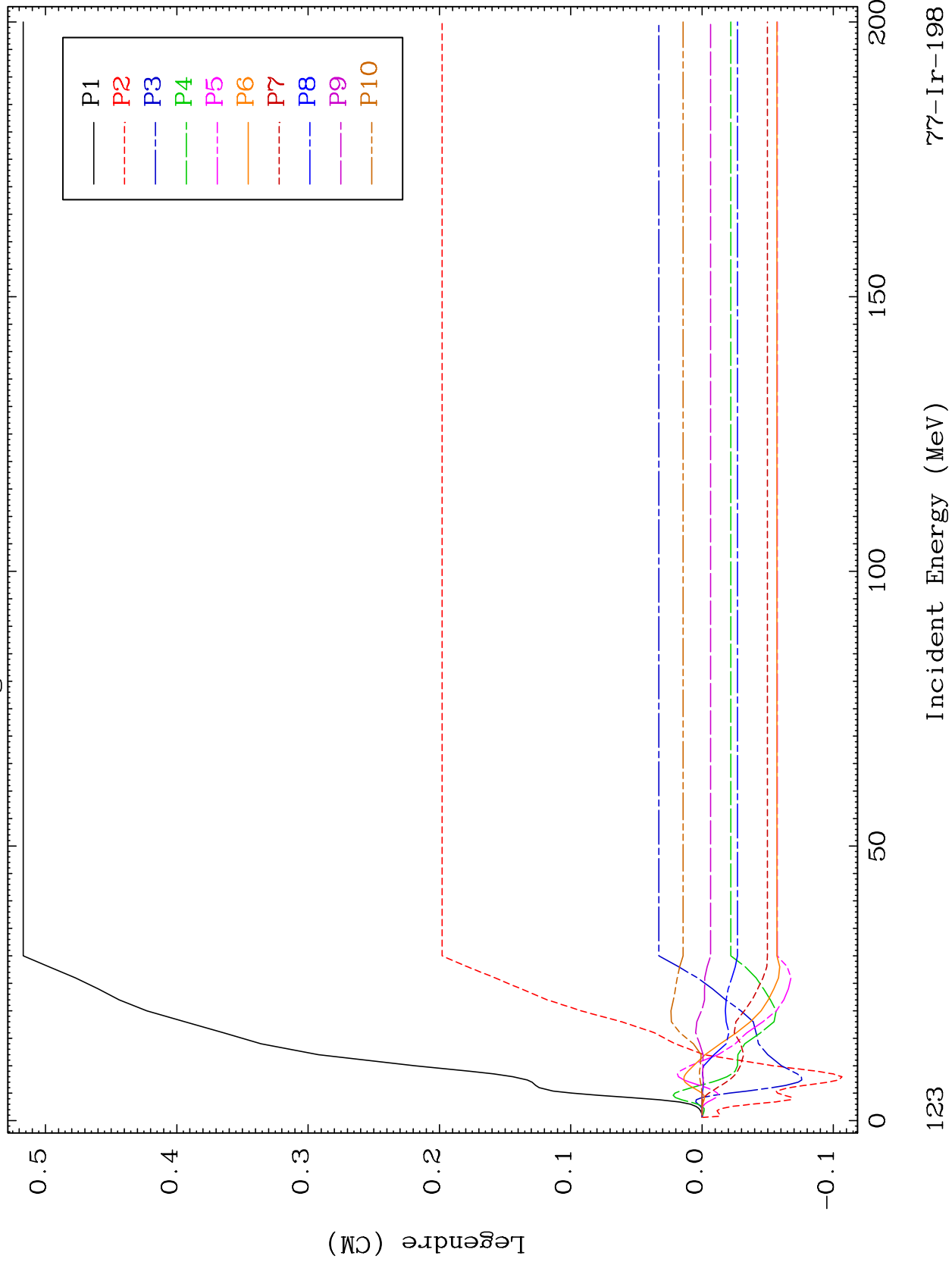
122

77-Ir-198

MAT 7746

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

77-Ir-198



77-Ir-198

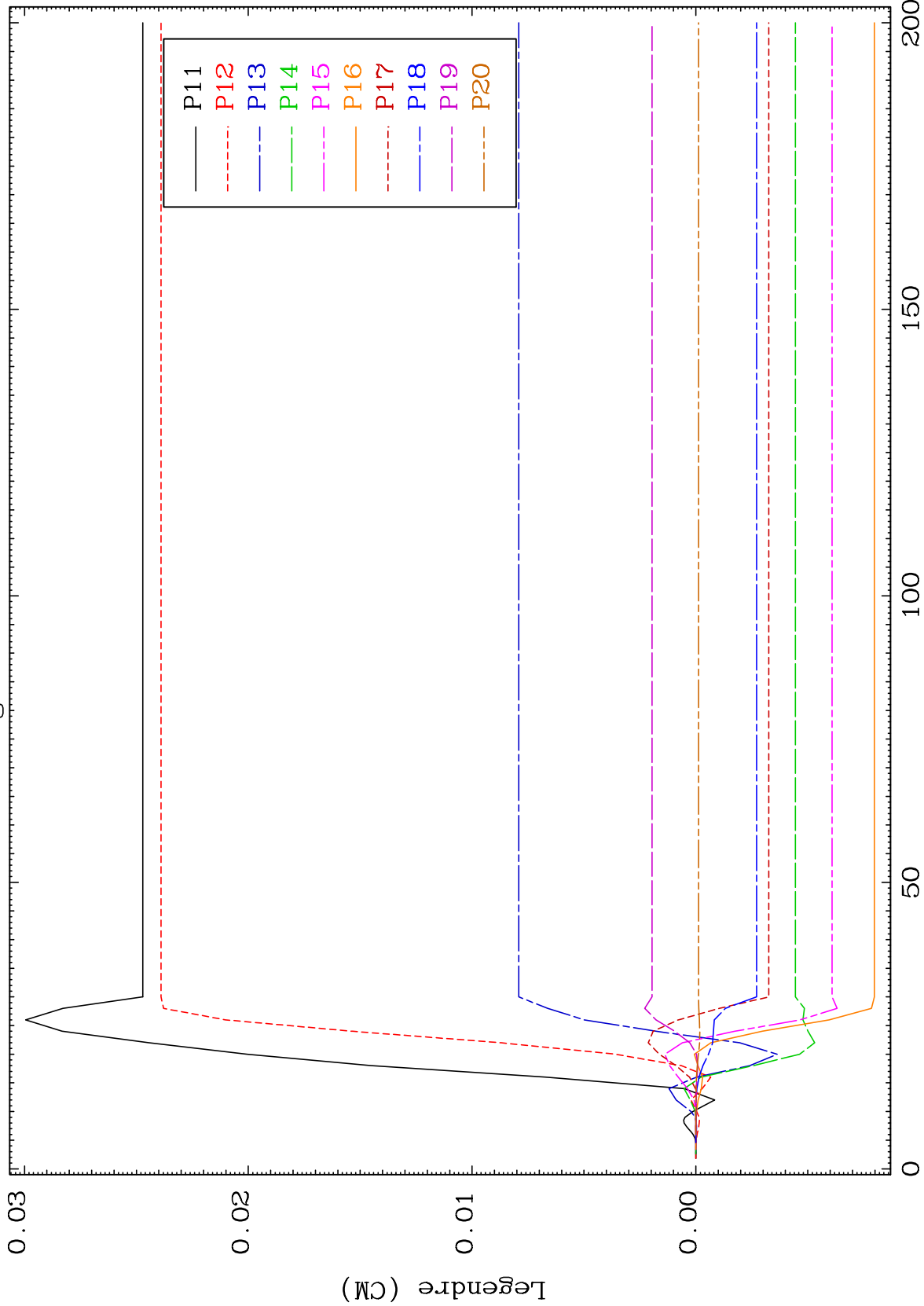
Incident Energy (MeV)

123

MAT 7746

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

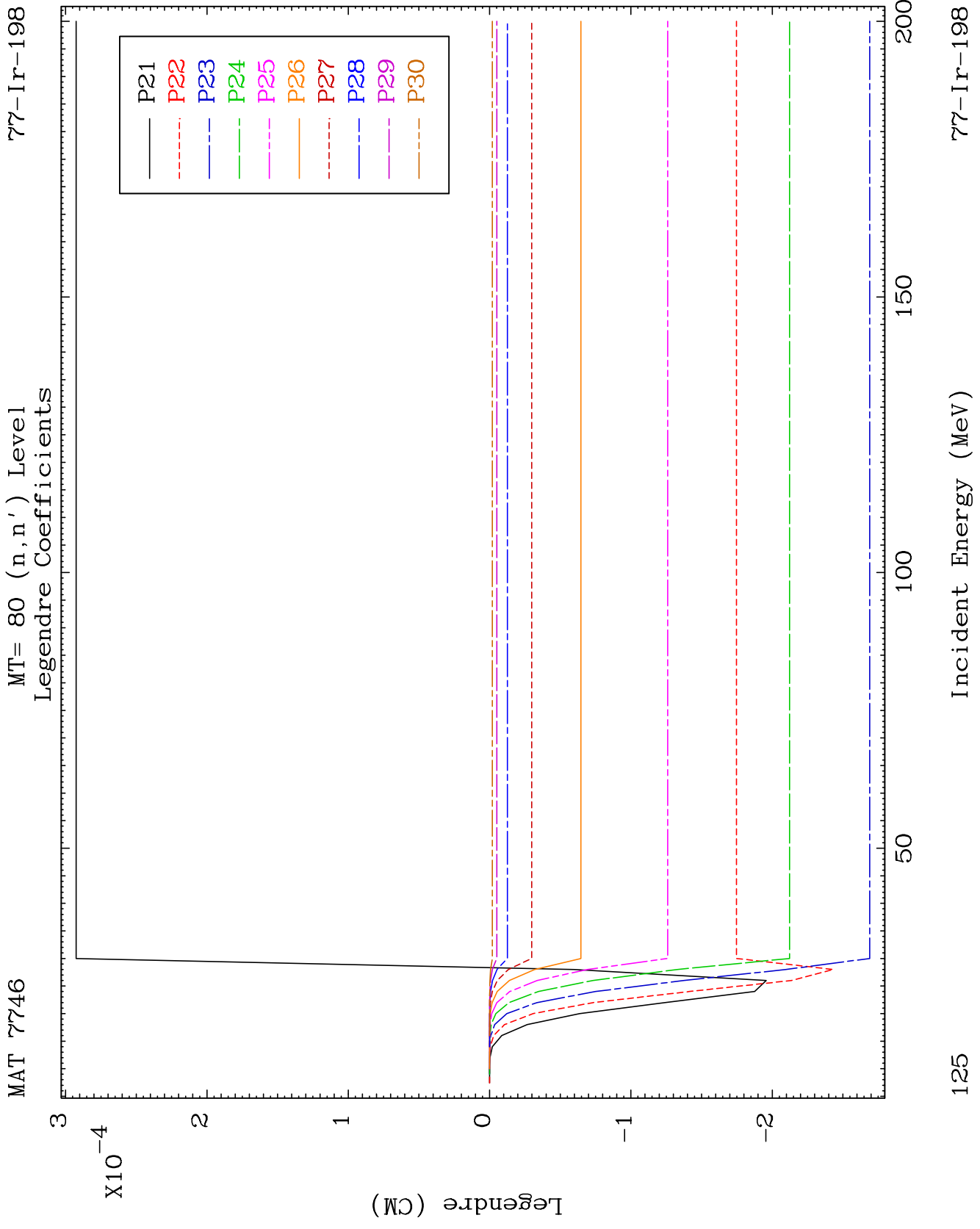
77-Ir-198

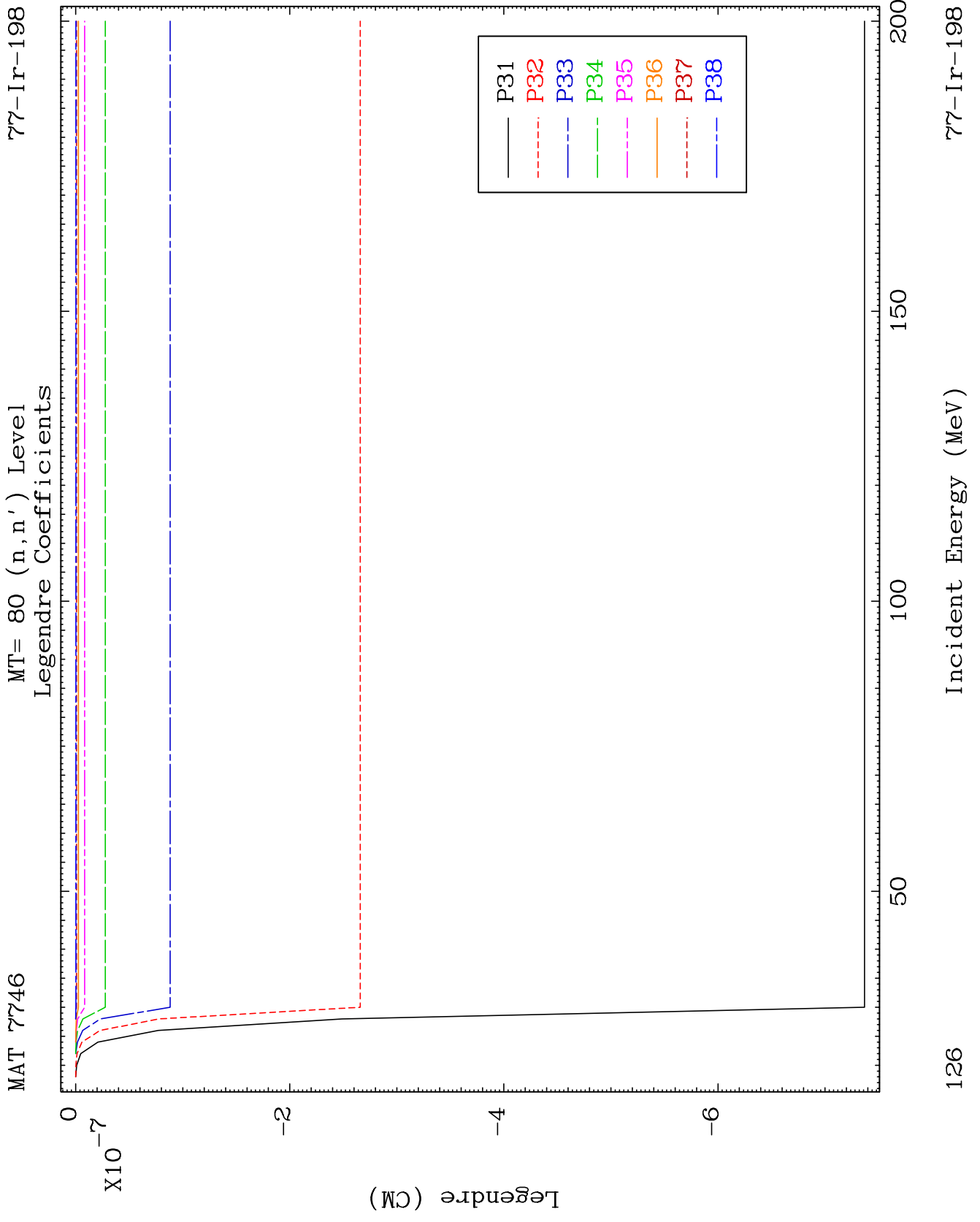


77-Ir-198

Incident Energy (MeV)

124

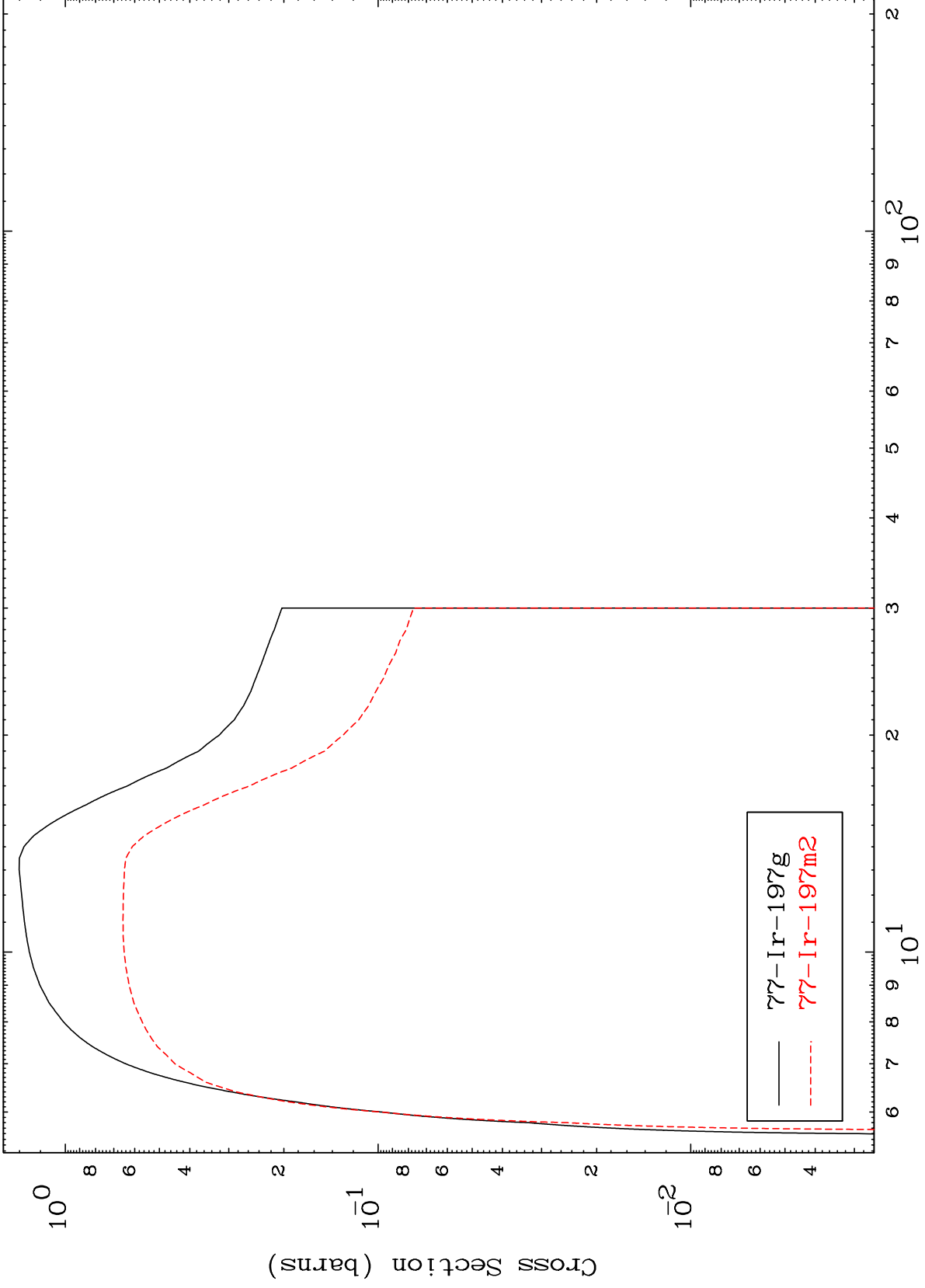




MAT 7746

77-Ir-198

Radionuclide Production Cross Section
(n,2n)



127

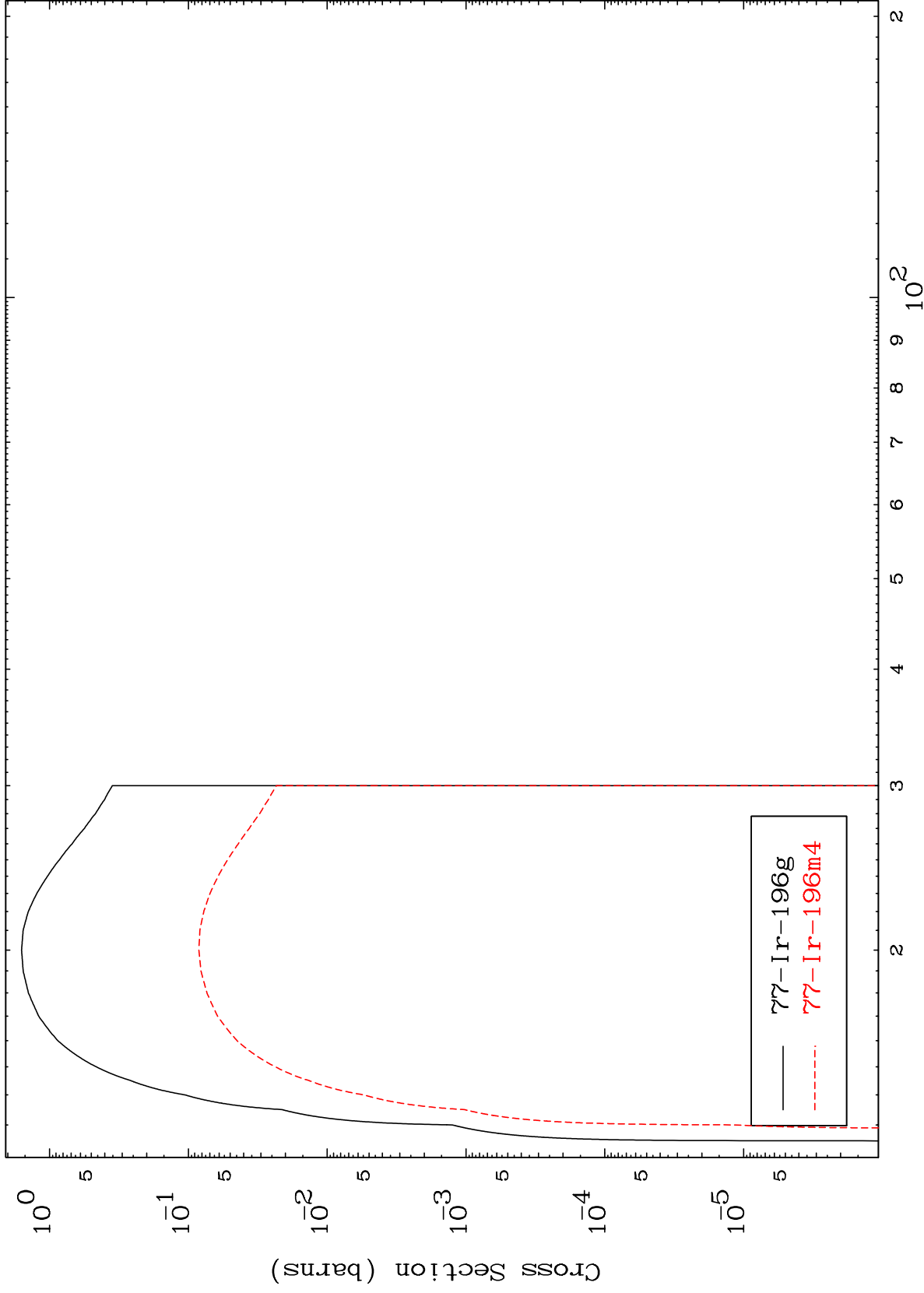
Incident Energy (MeV)

77-Ir-198

MAT 7746

77-Ir-198

(n,3n)
Radionuclide Production Cross Section



128

Incident Energy (MeV)

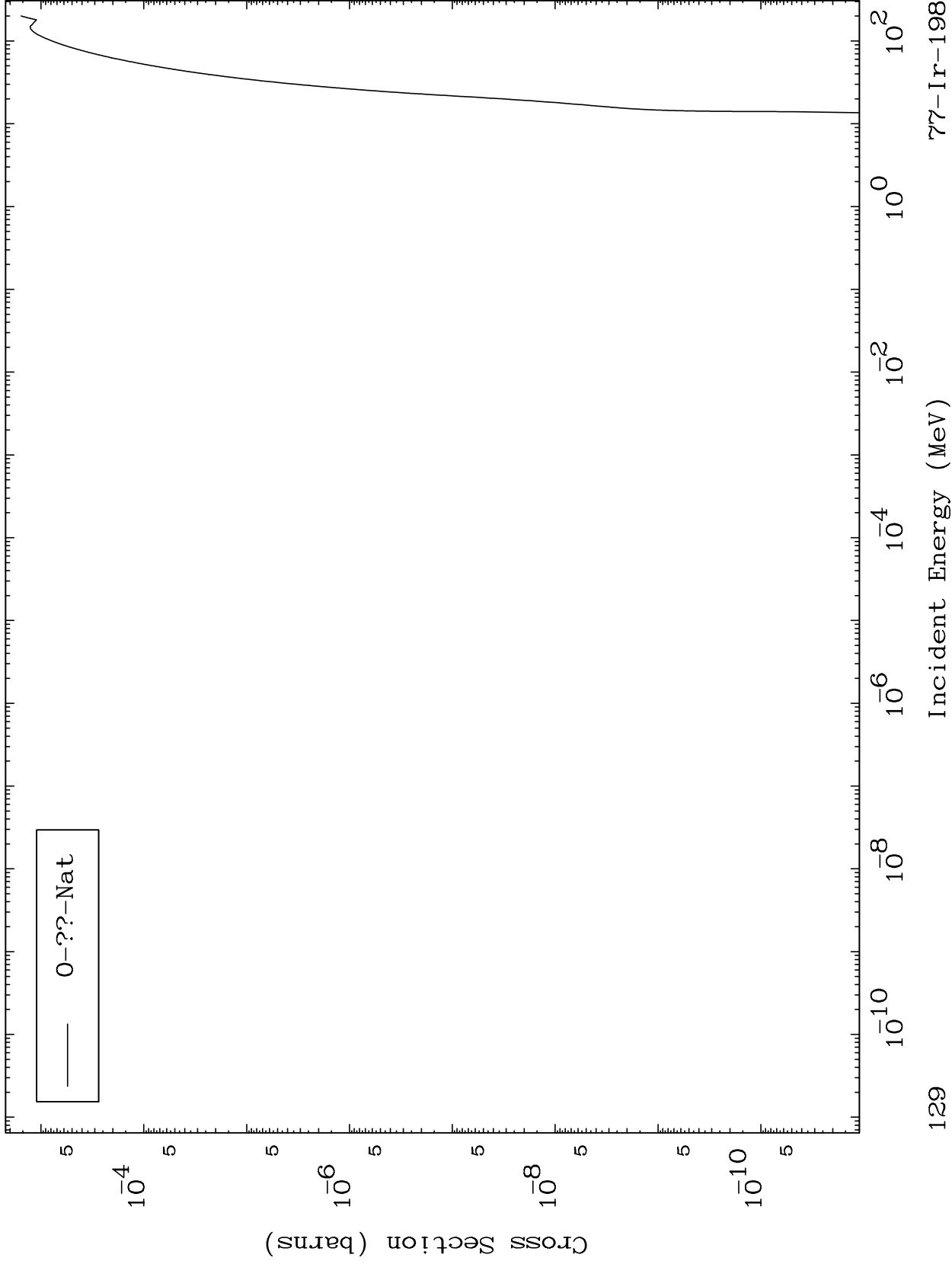
77-Ir-198

MAT 7746

Fission

⁷⁷Ir-198

Radionuclide Production Cross Section

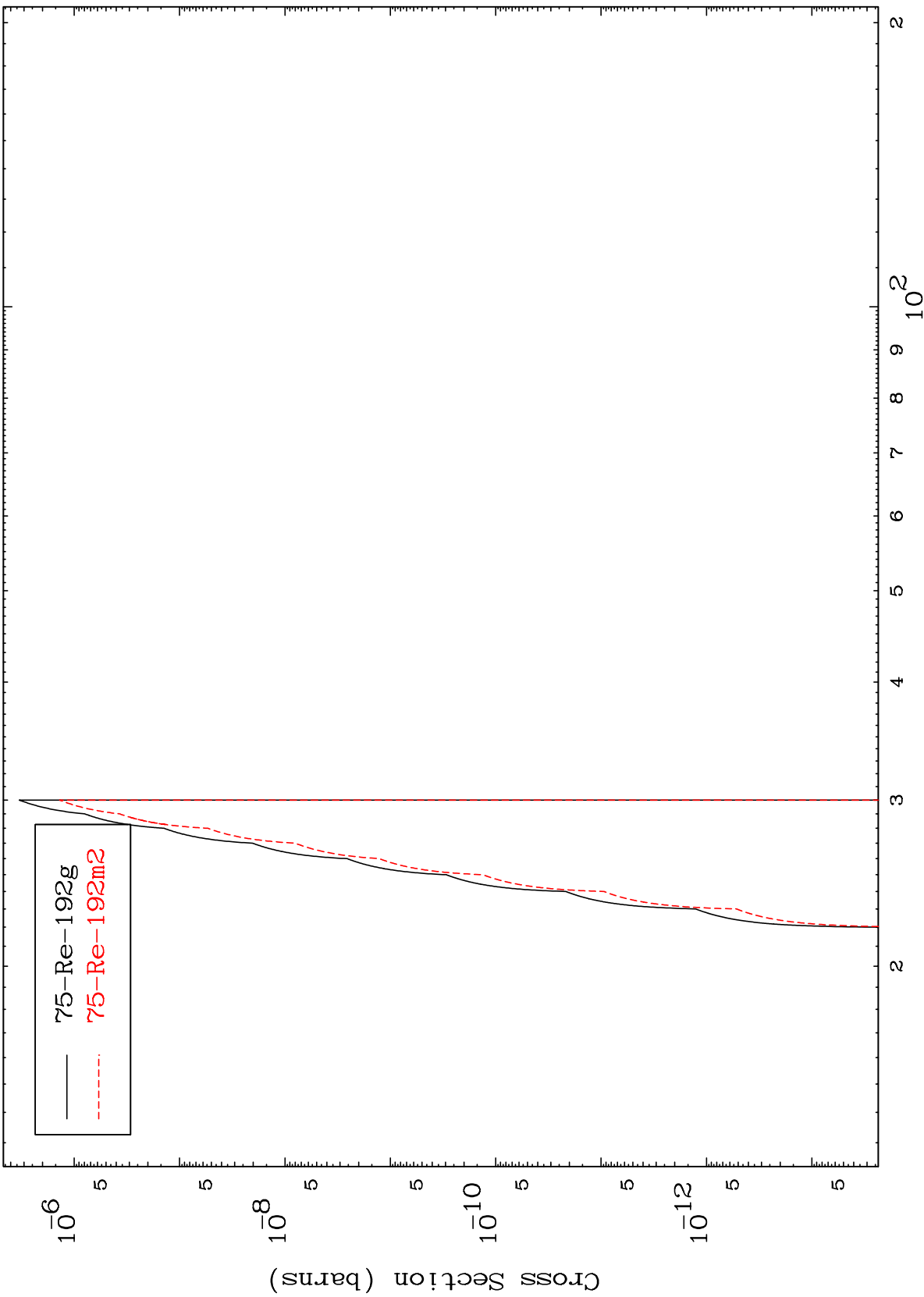


MAT 7746

(n,3n) α

77-Ir-198

Radionuclide Production Cross Section



130

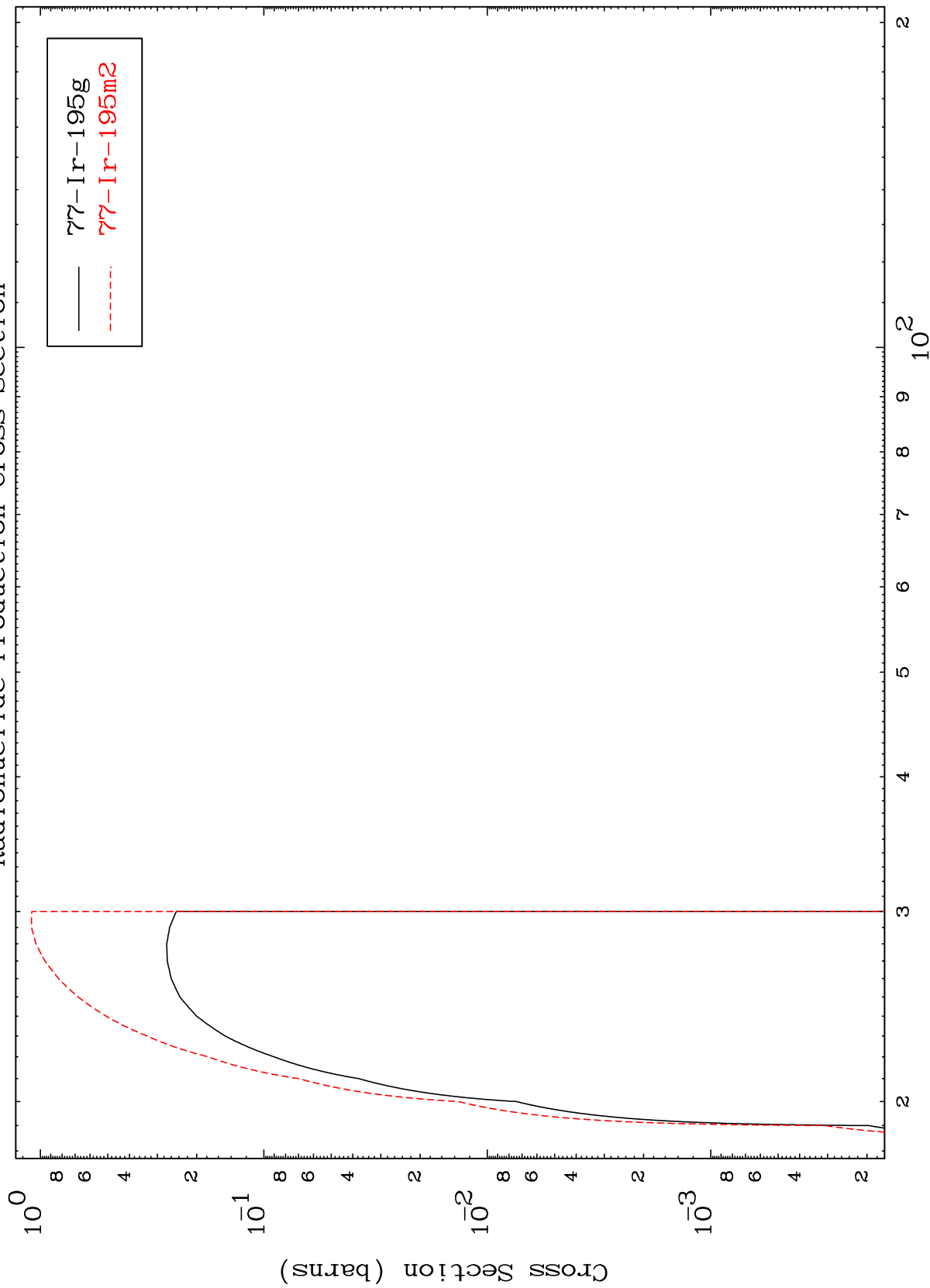
Incident Energy (MeV)

77-Ir-198

MAT 7746

77-Ir-198

(n,4n)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

77-Ir-198