

Program EVALPLOT
(Version 2018-1)

by

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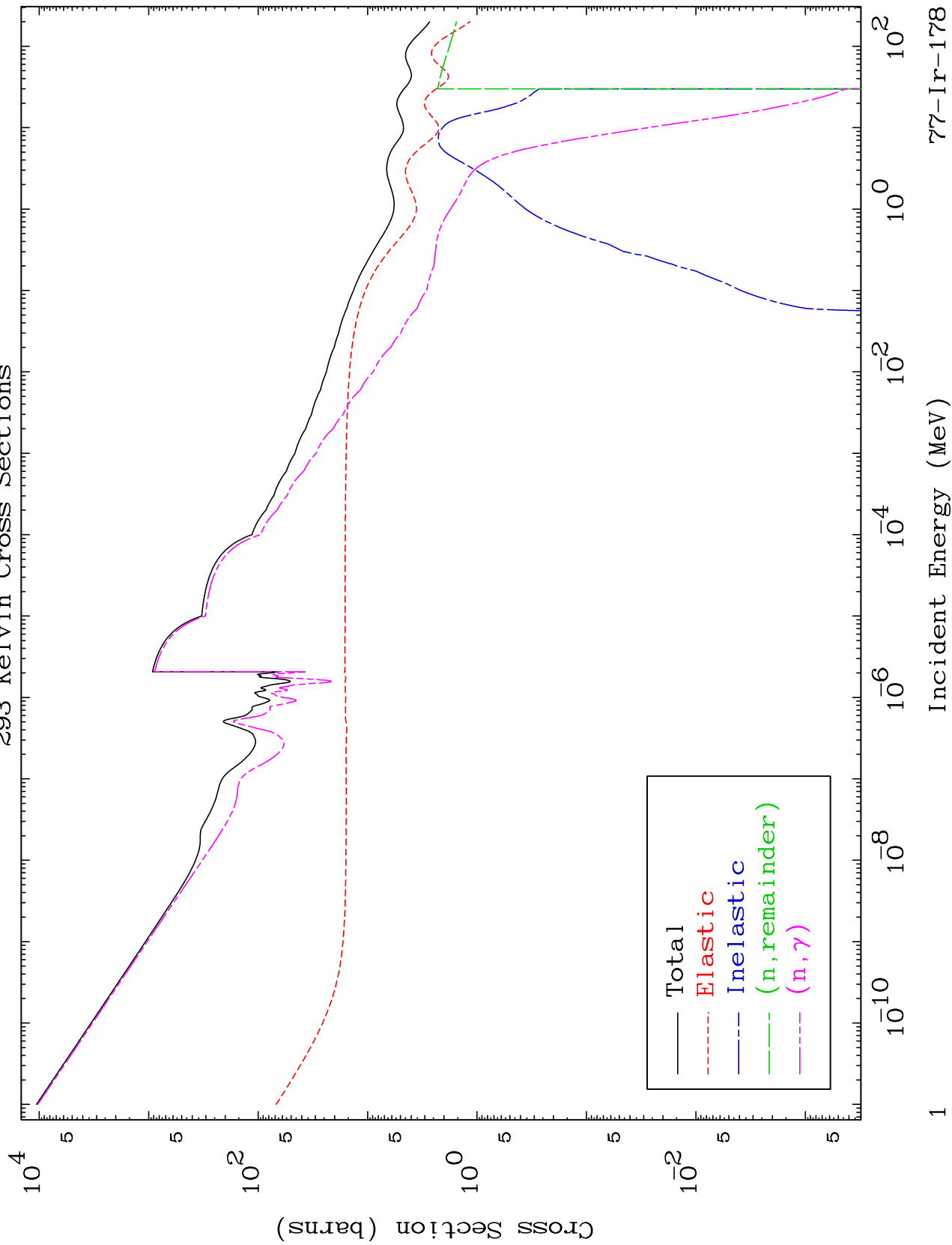
Press Mouse Button to Start

MAT 7686

Major

293 Kelvin Cross Sections

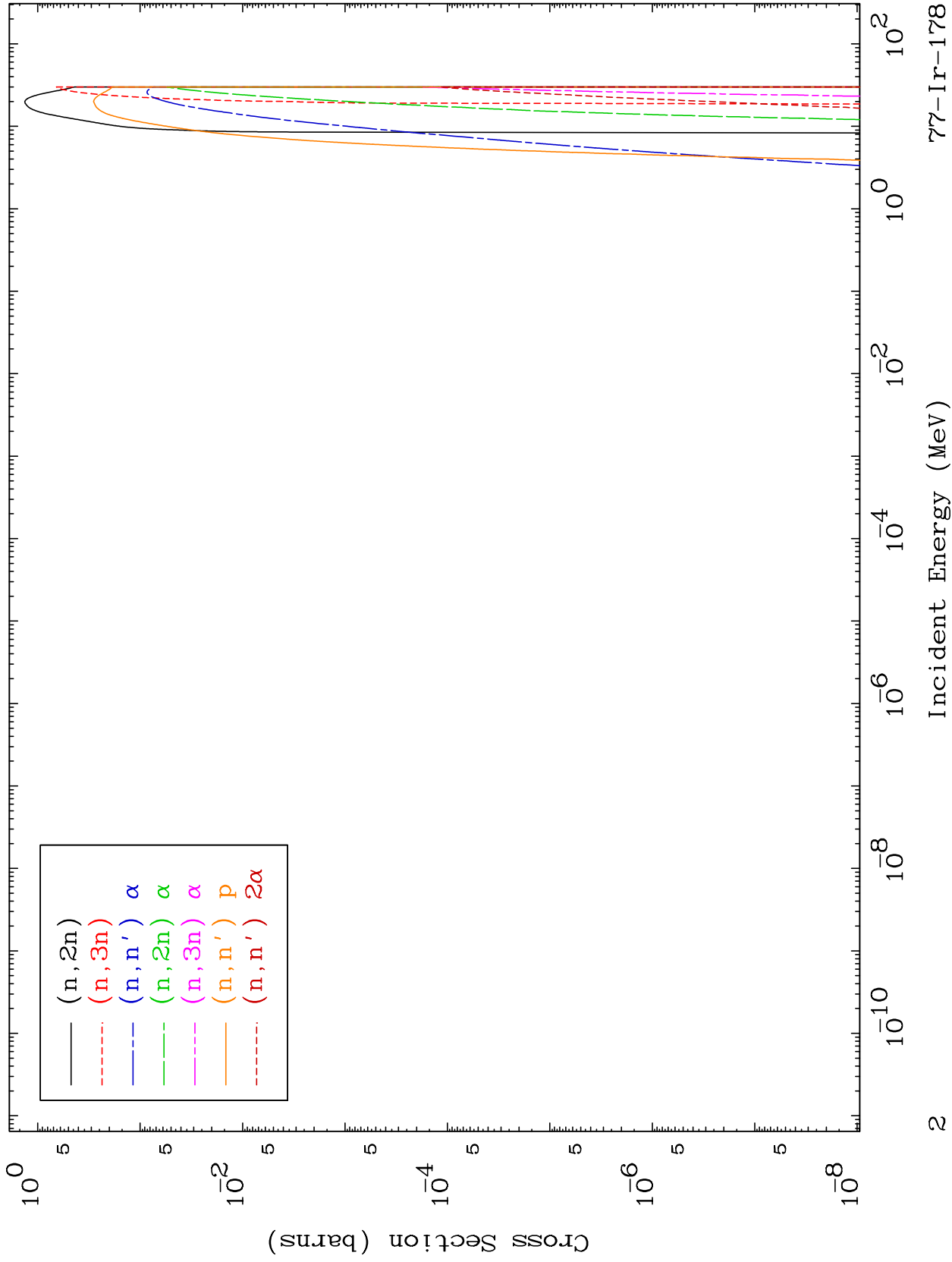
77-Ir-178



MAT 7686

Neutron Production
293 Kelvin Cross Sections

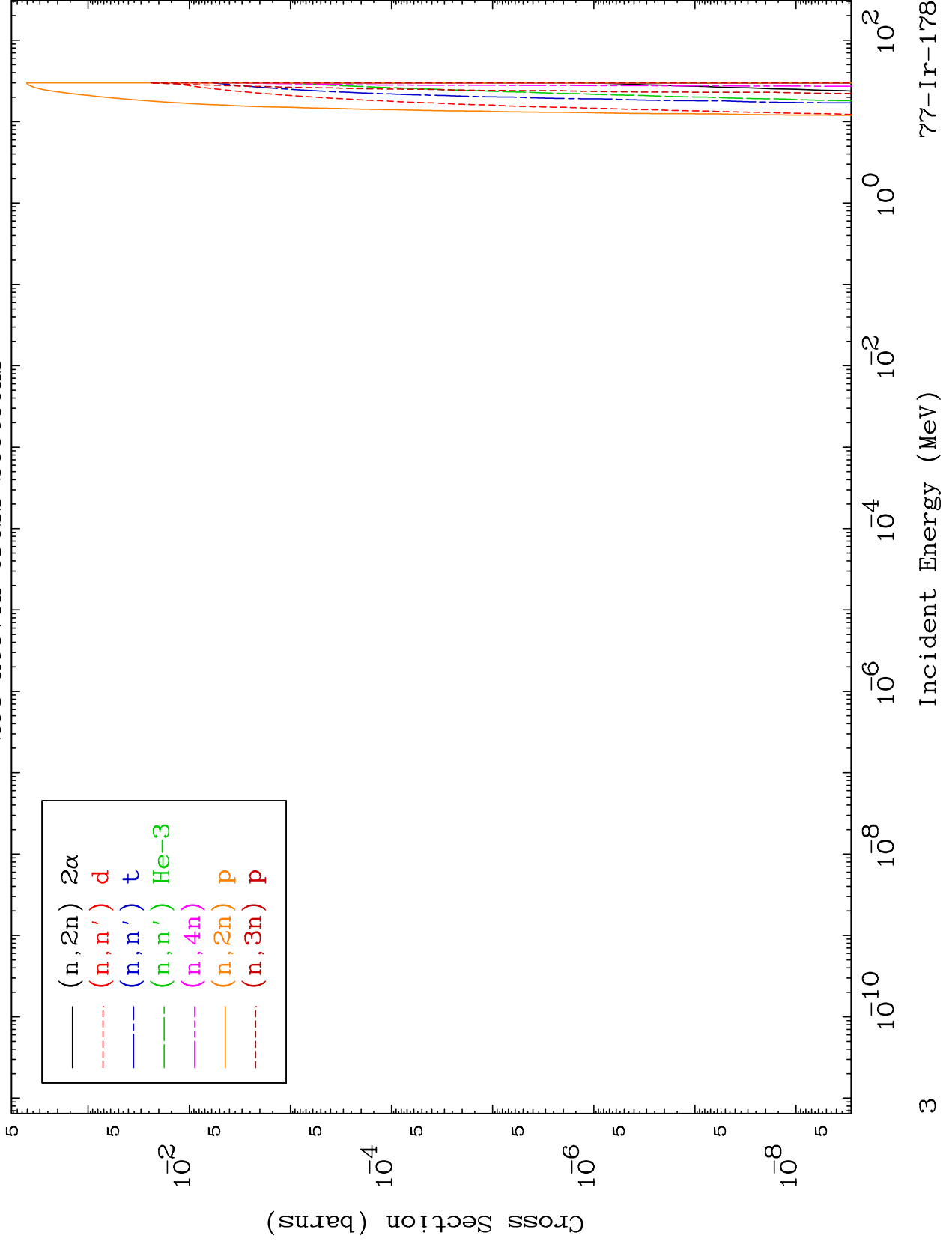
77-Ir-178



MAT 7686

Neutron Production
293 Kelvin Cross Sections

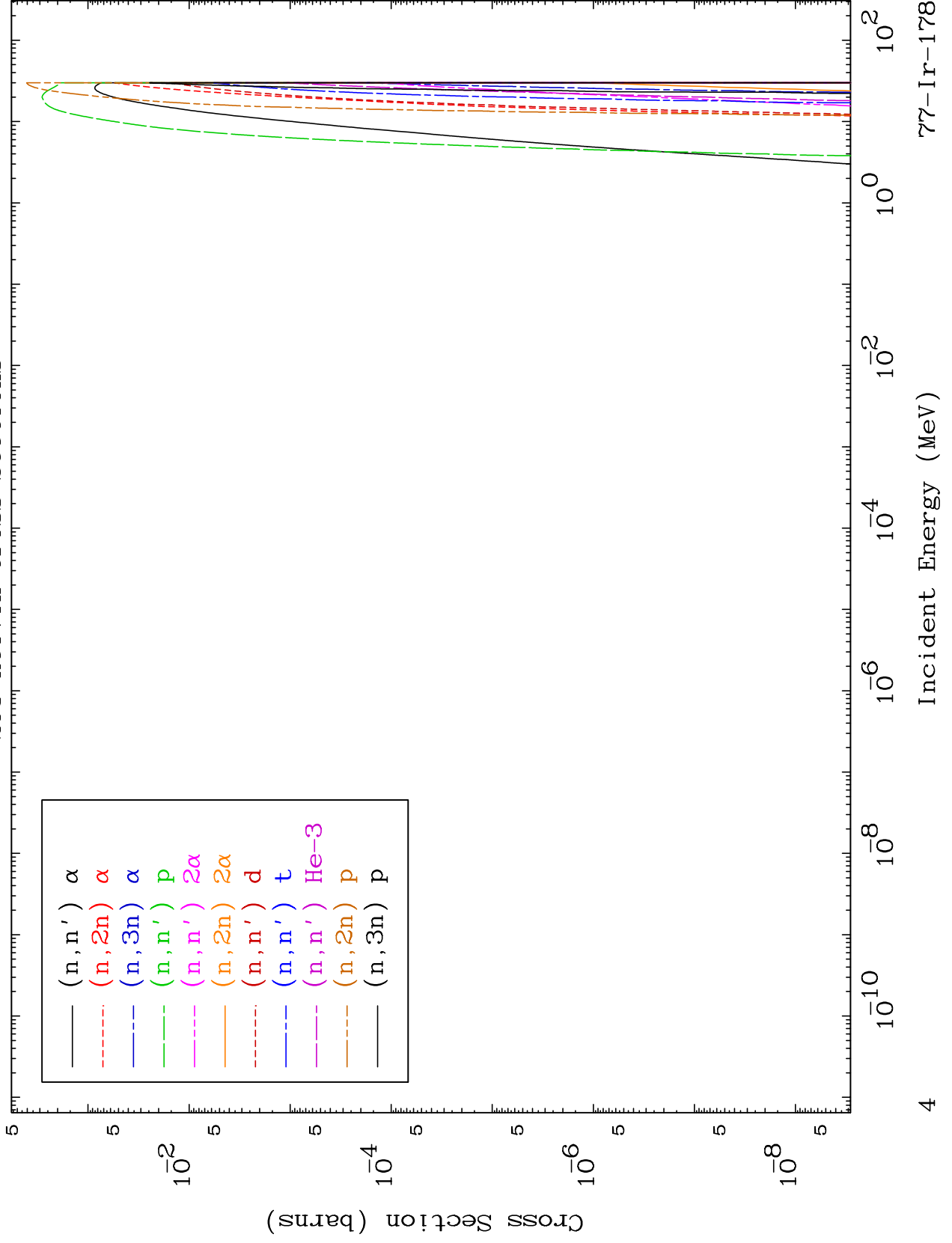
⁷⁷Ir-178

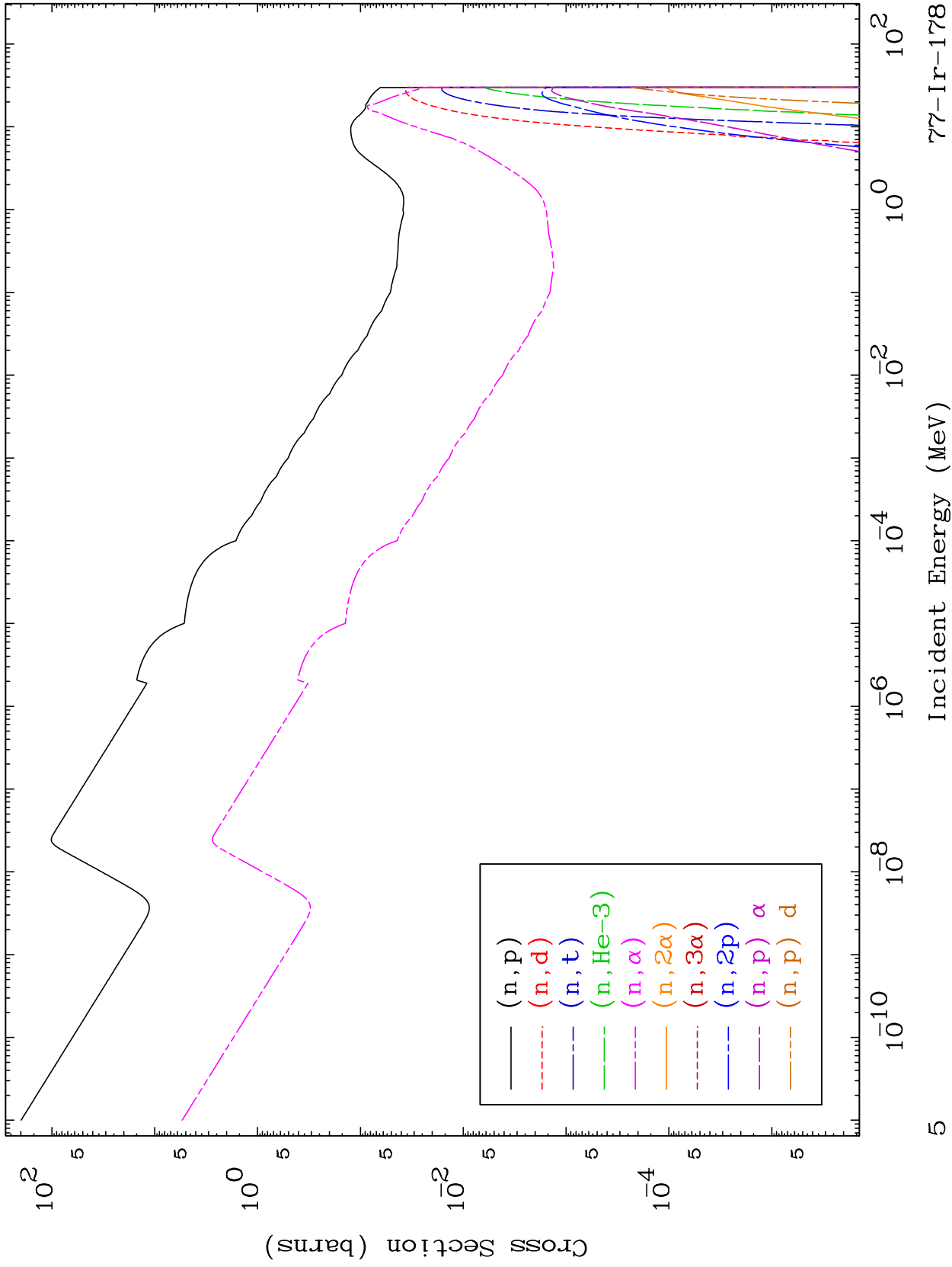


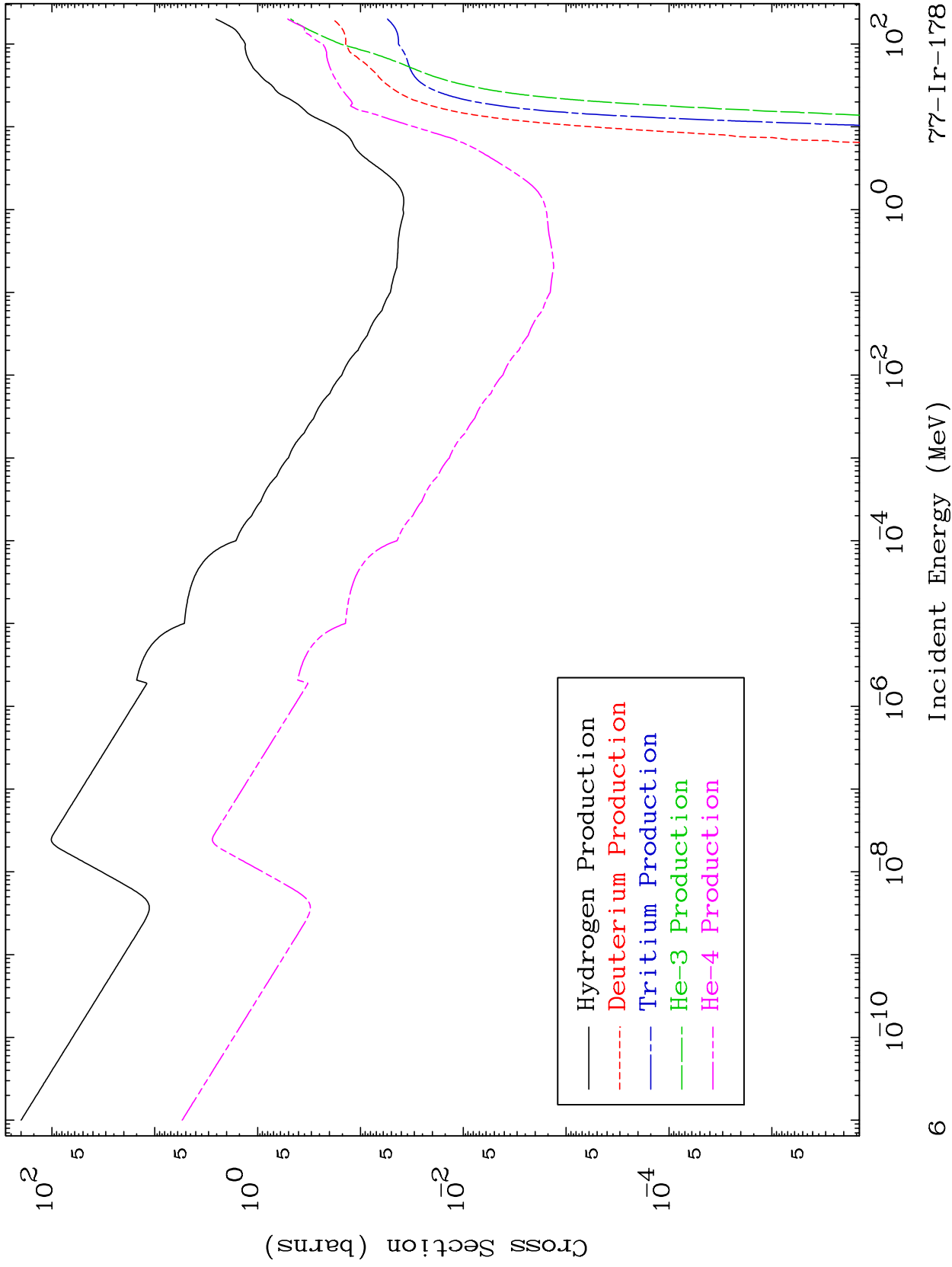
MAT 7686

Charged Particle
293 Kelvin Cross Sections

77-Ir-178



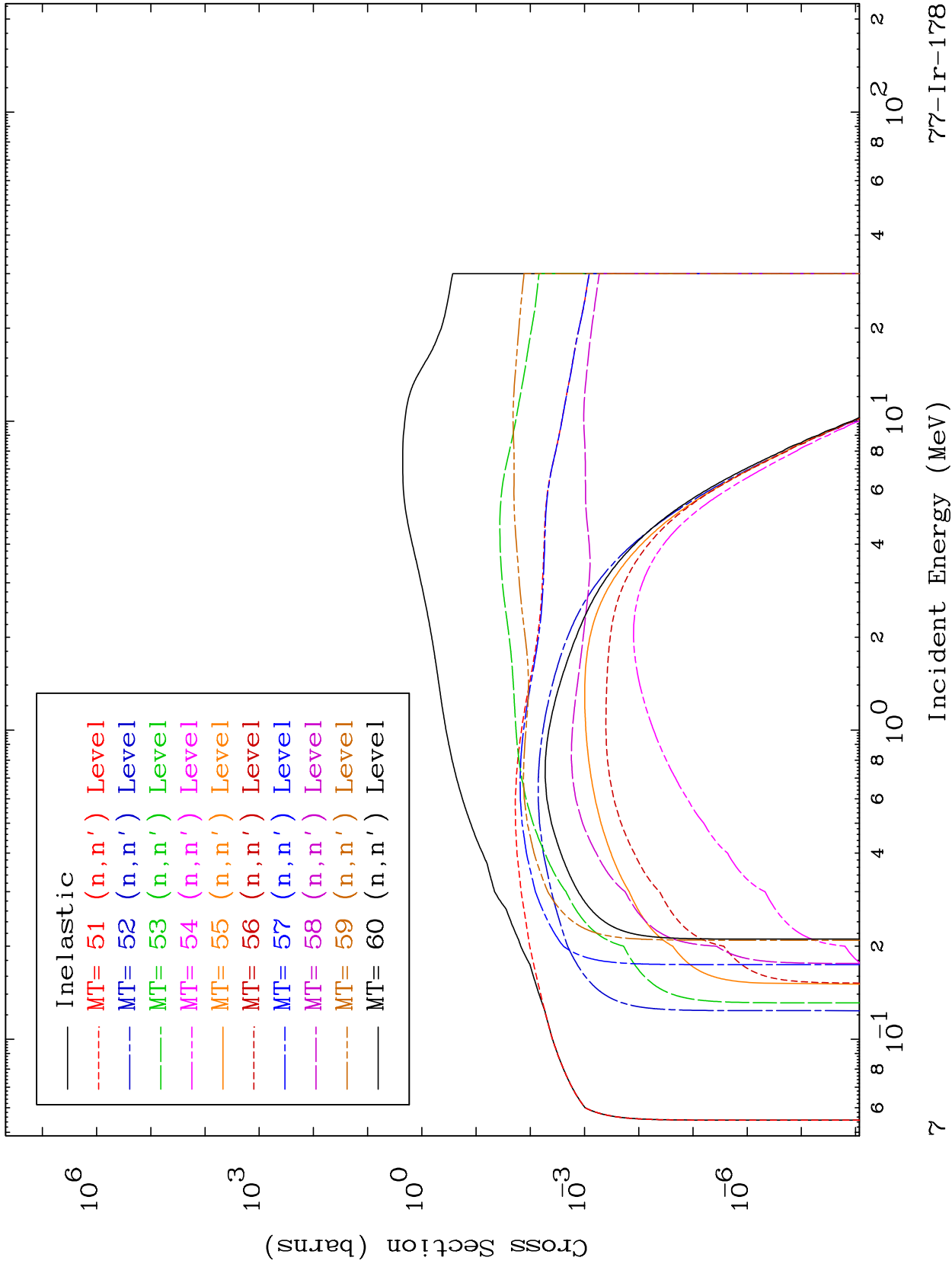




MAT 7686

(n,n') Level
293 Kelvin Cross Sections

77-Ir-178

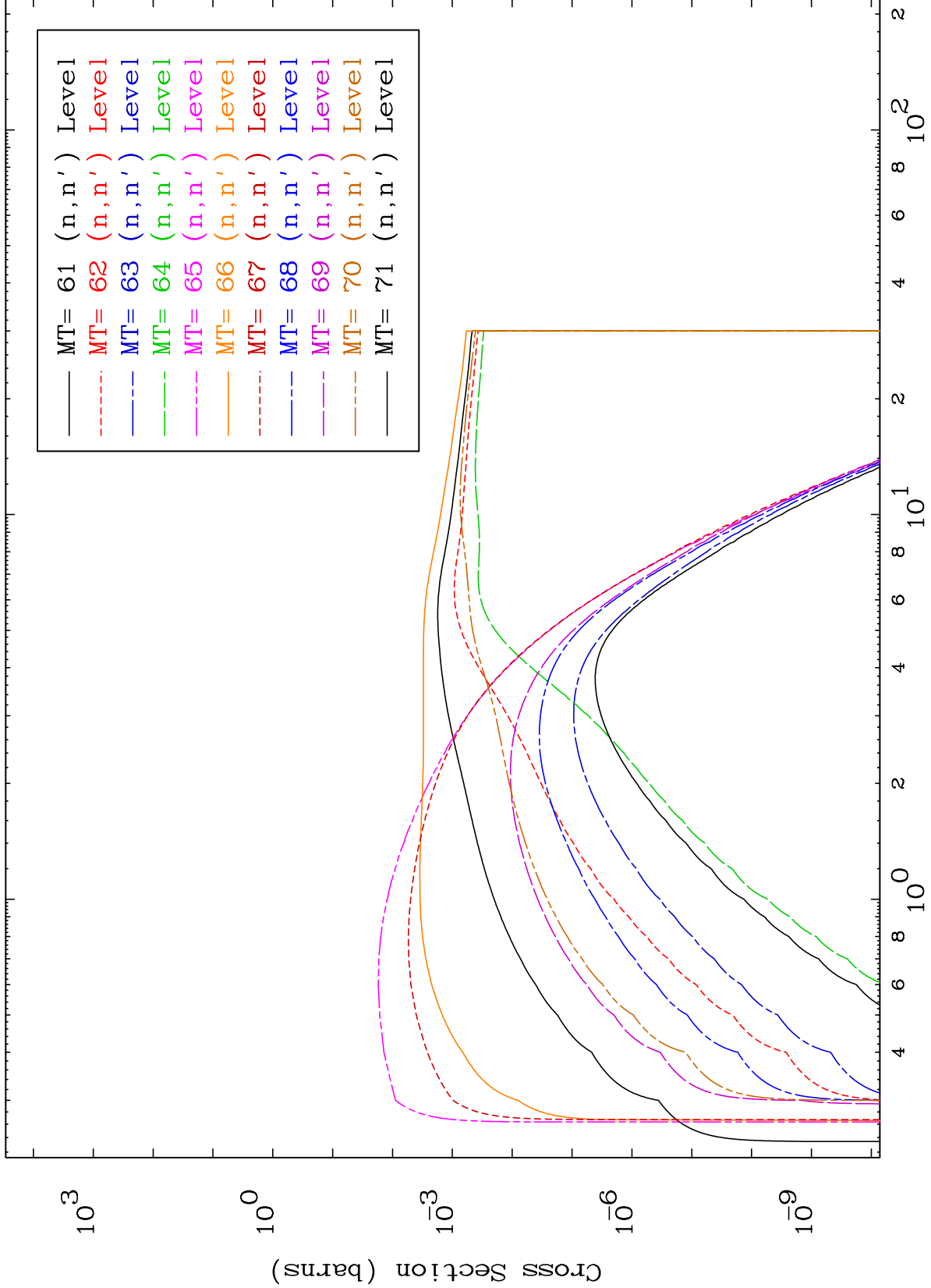


MAT 7686

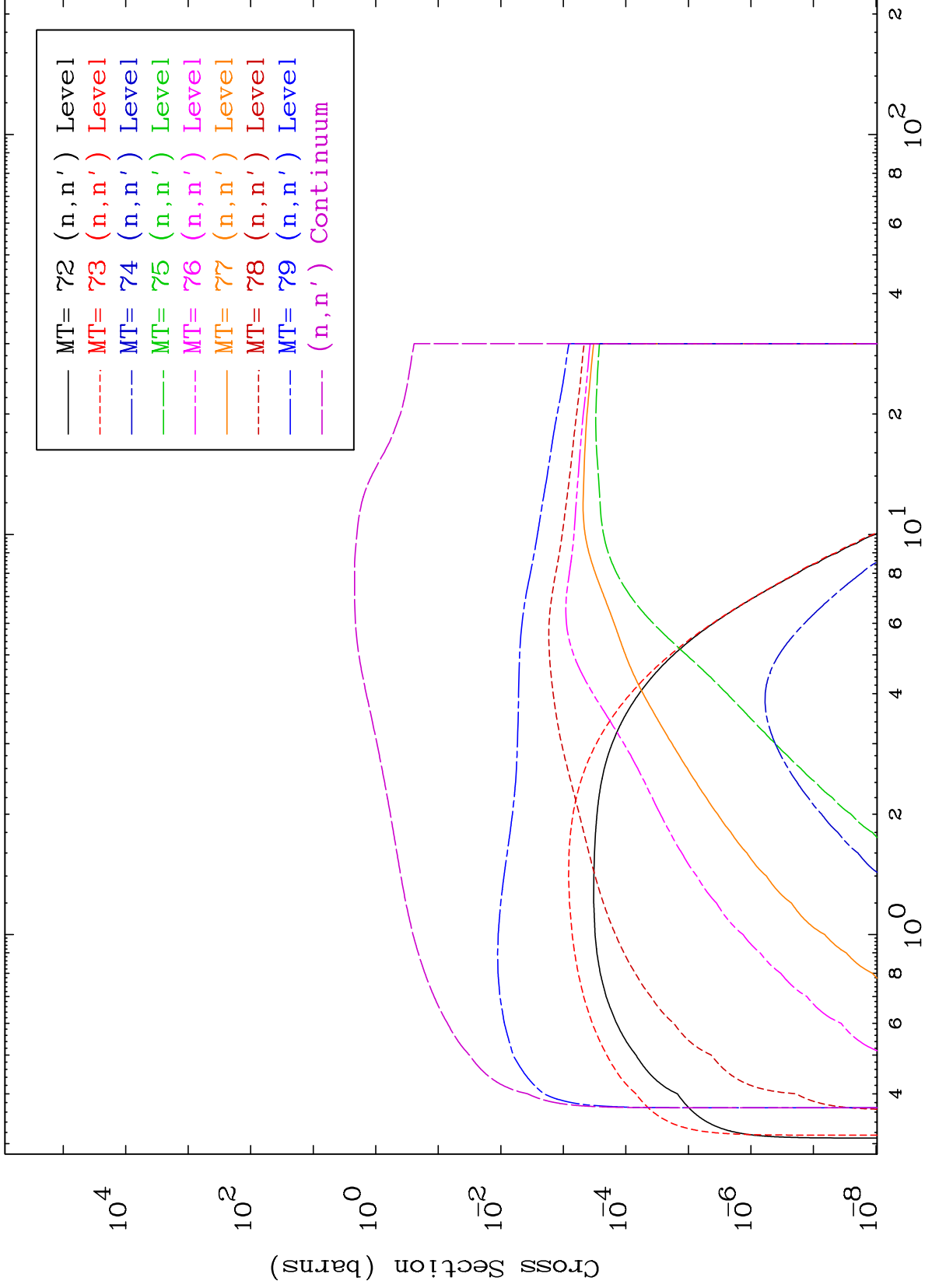
(n,n') Level

293 Kelvin Cross Sections

77-Ir-178



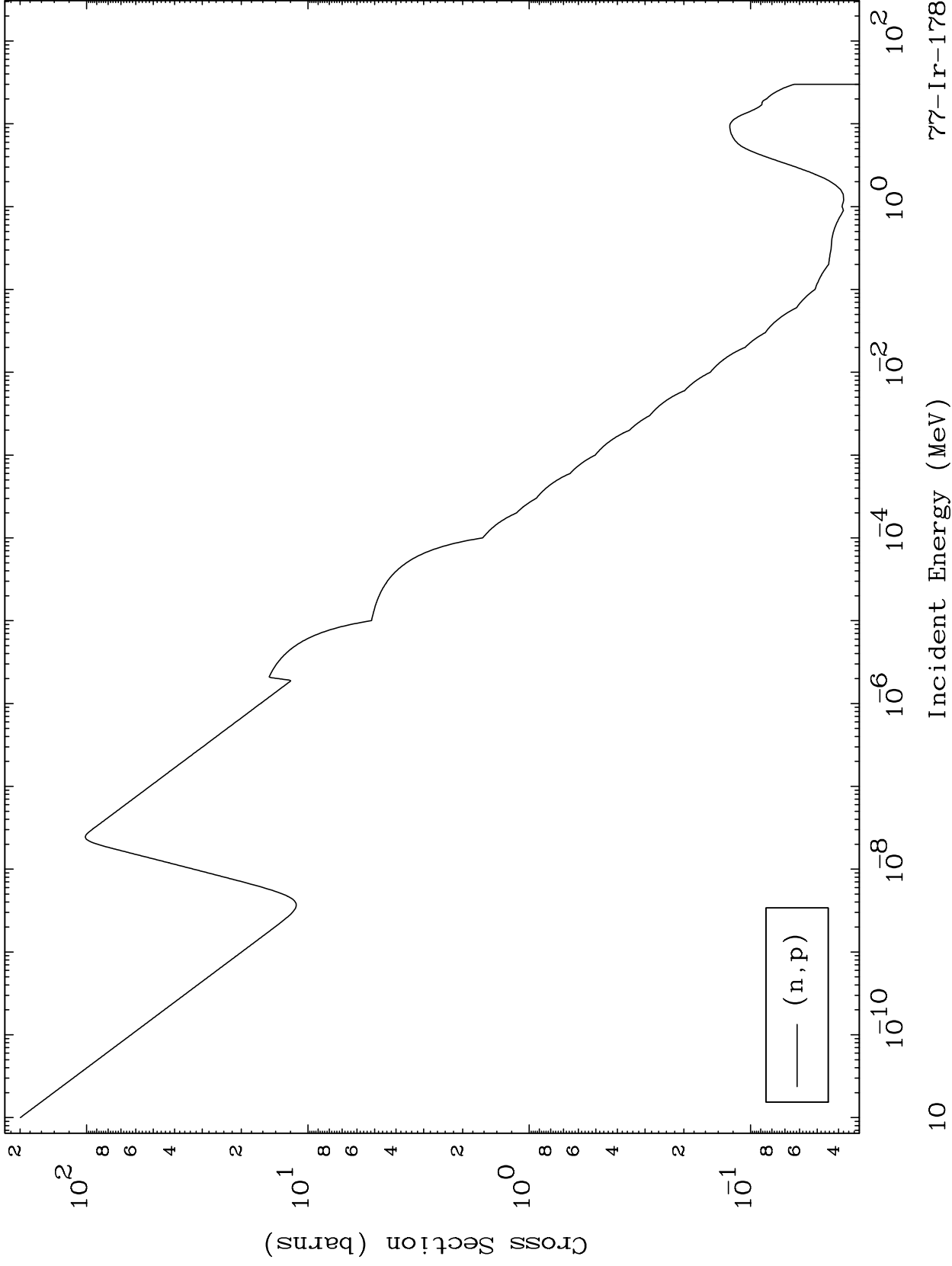
293 Kelvin Cross Sections



MAT 7686

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-178



10

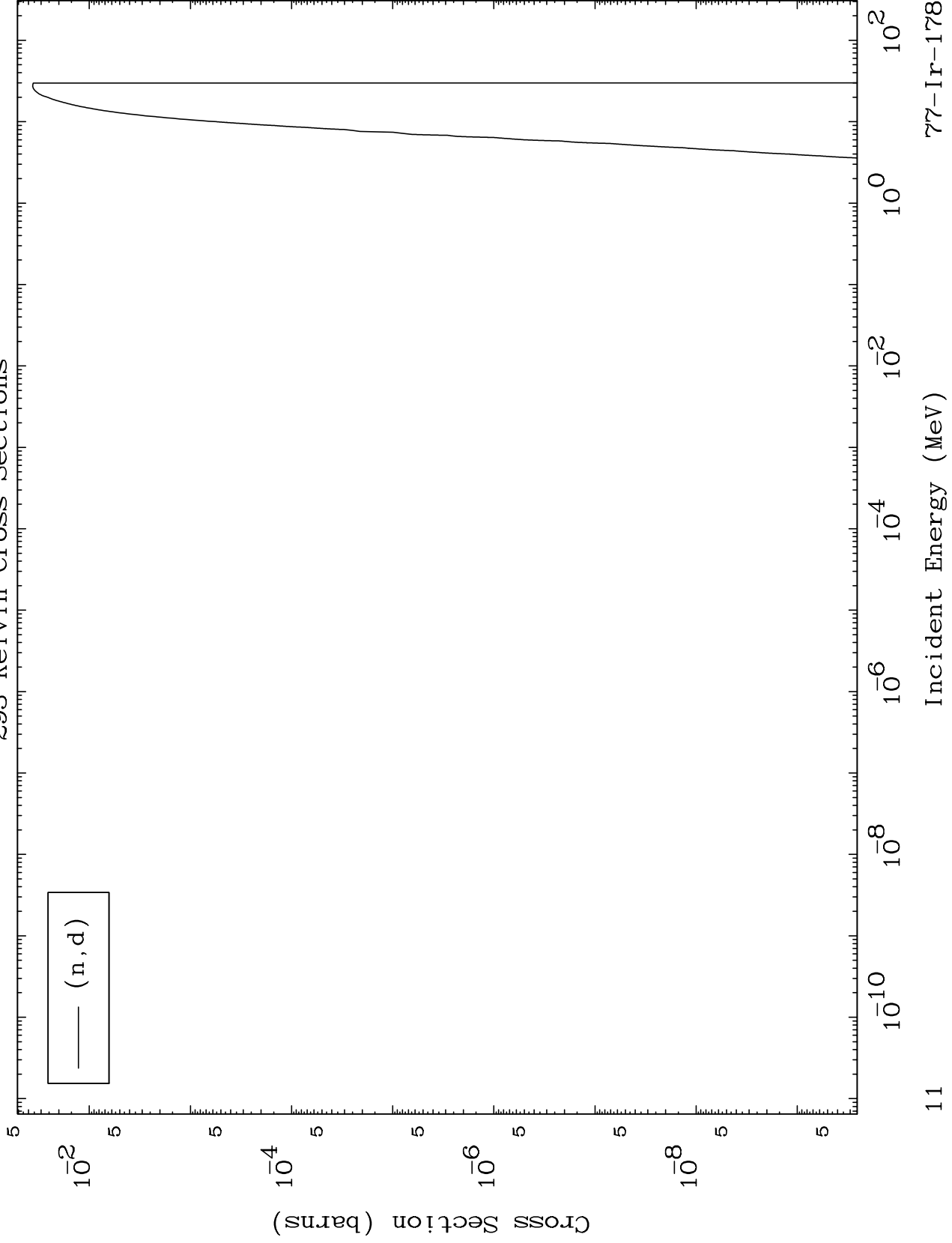
Incident Energy (MeV)

77-Ir-178

MAT 7686

(n,d) Levels
293 Kelvin Cross Sections

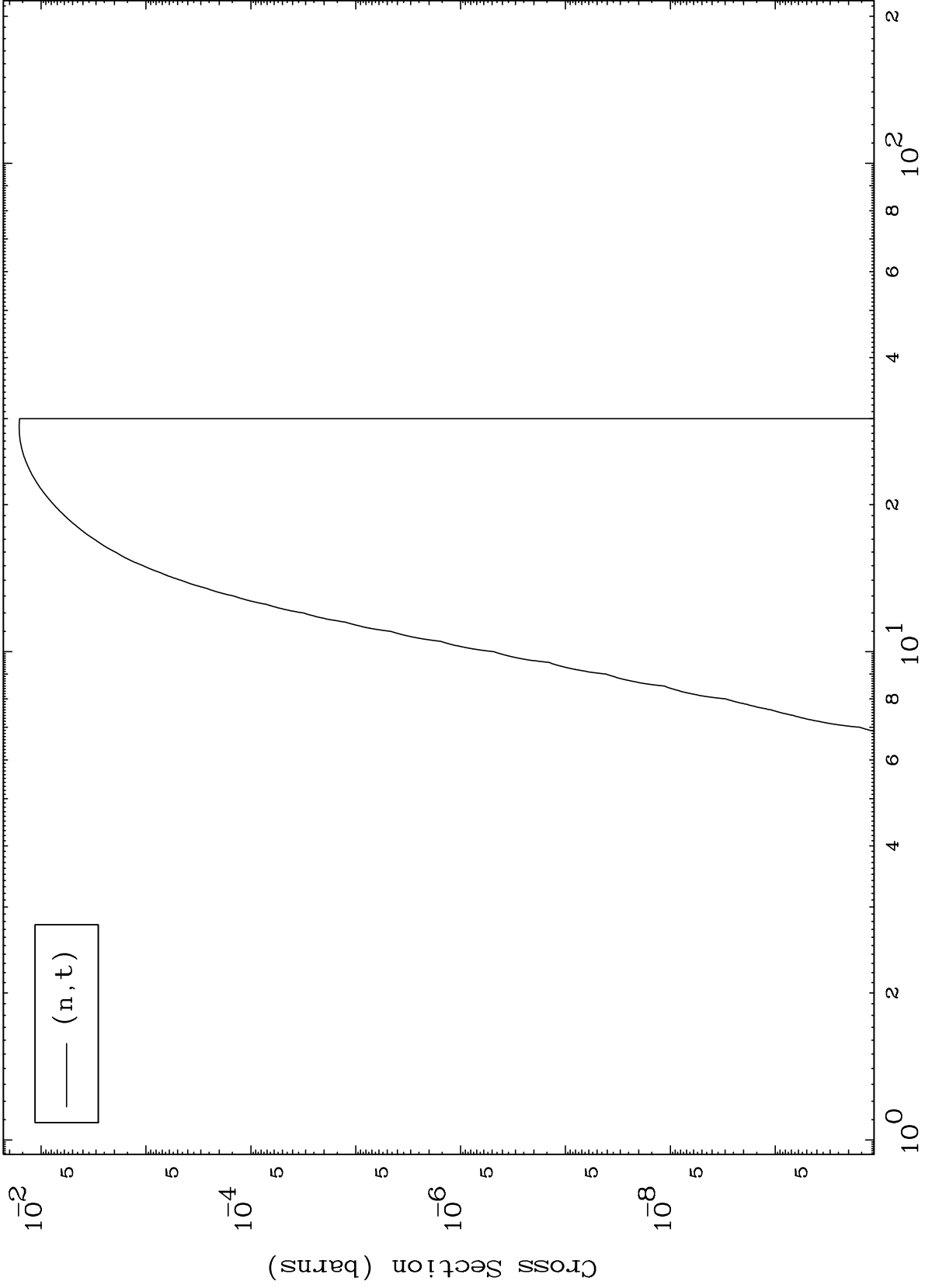
77-Ir-178



MAT 7686

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-178



12

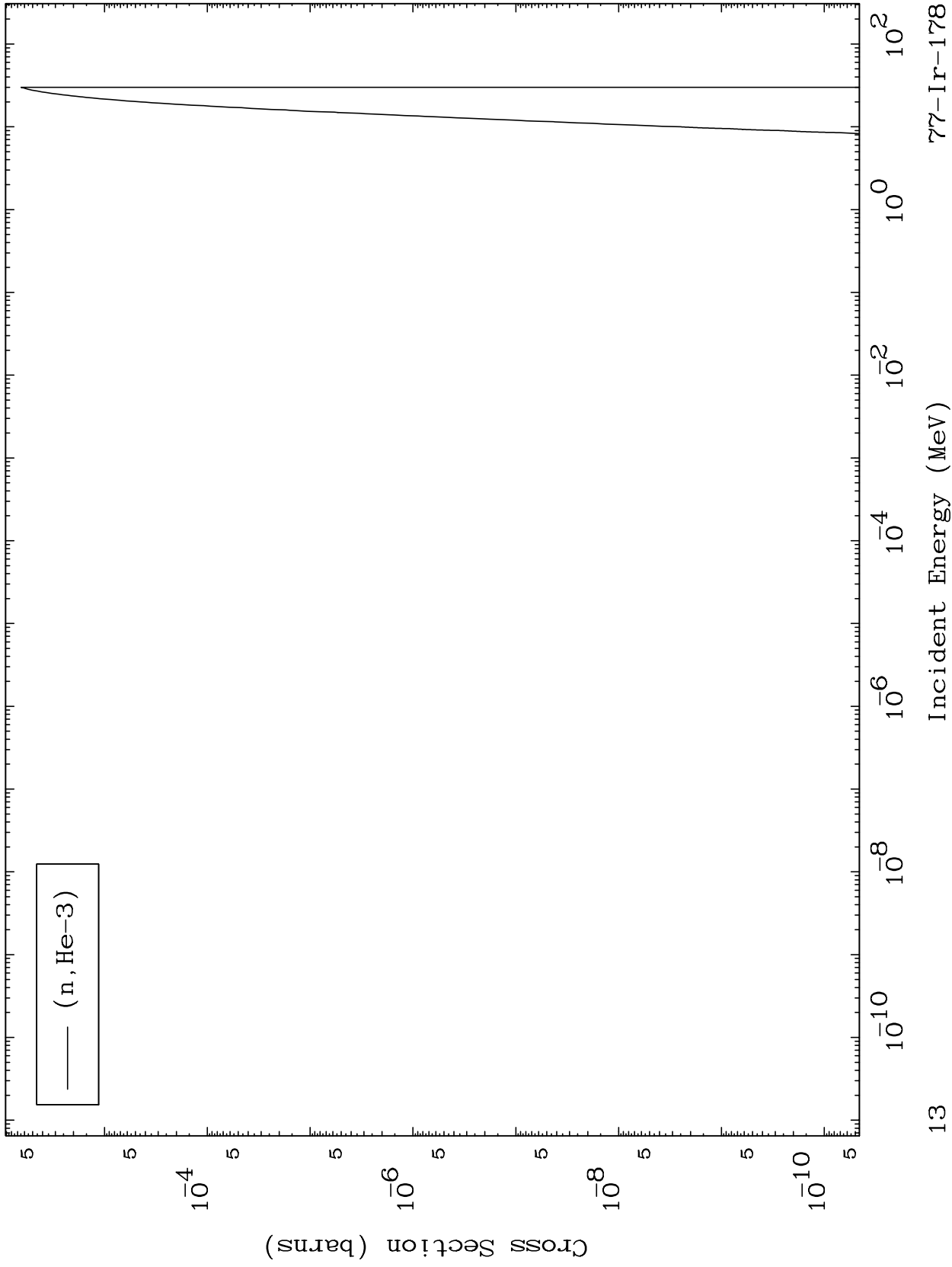
Incident Energy (MeV)

77-Ir-178

MAT 7686

(n,He3) Levels
293 Kelvin Cross Sections

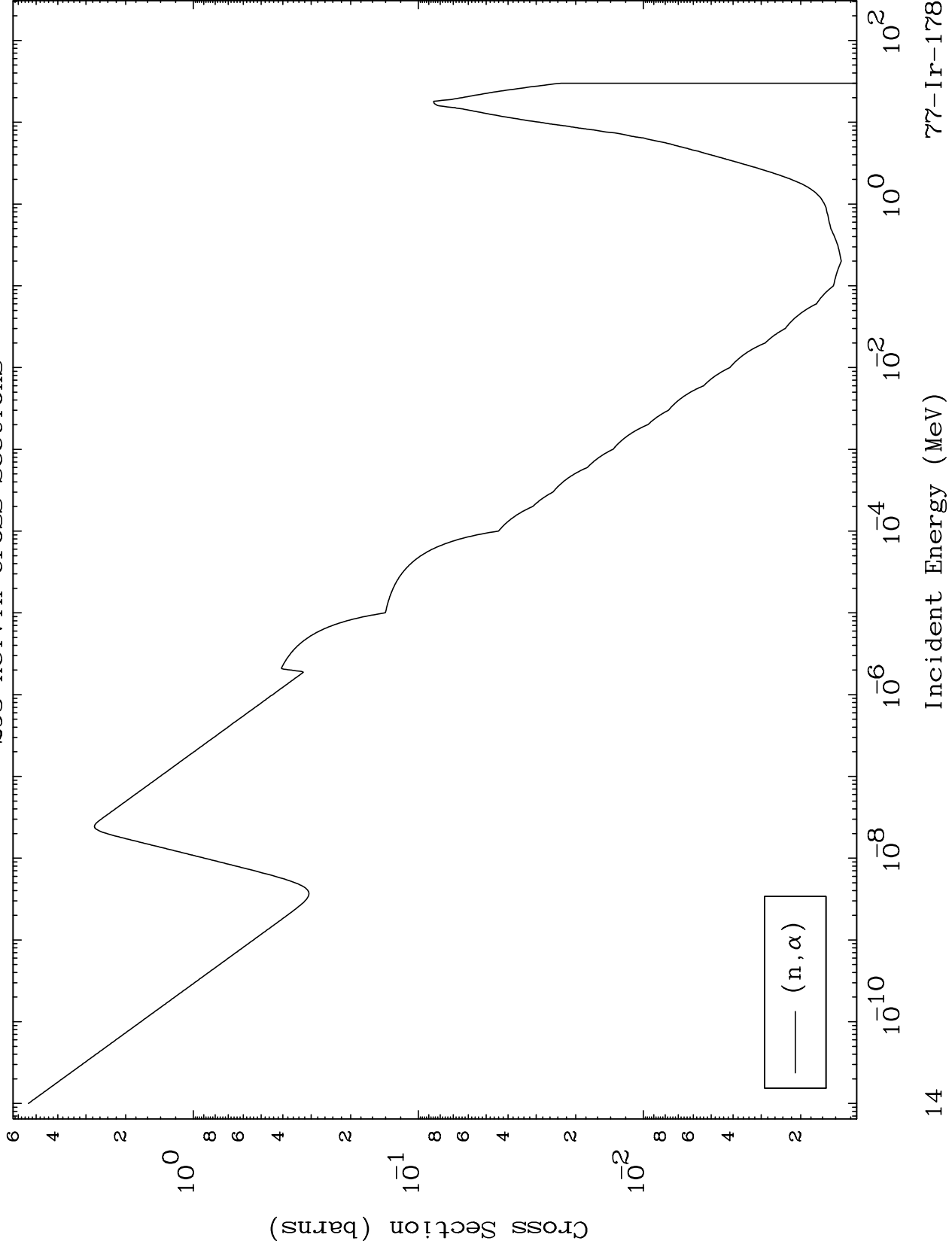
77-Ir-178

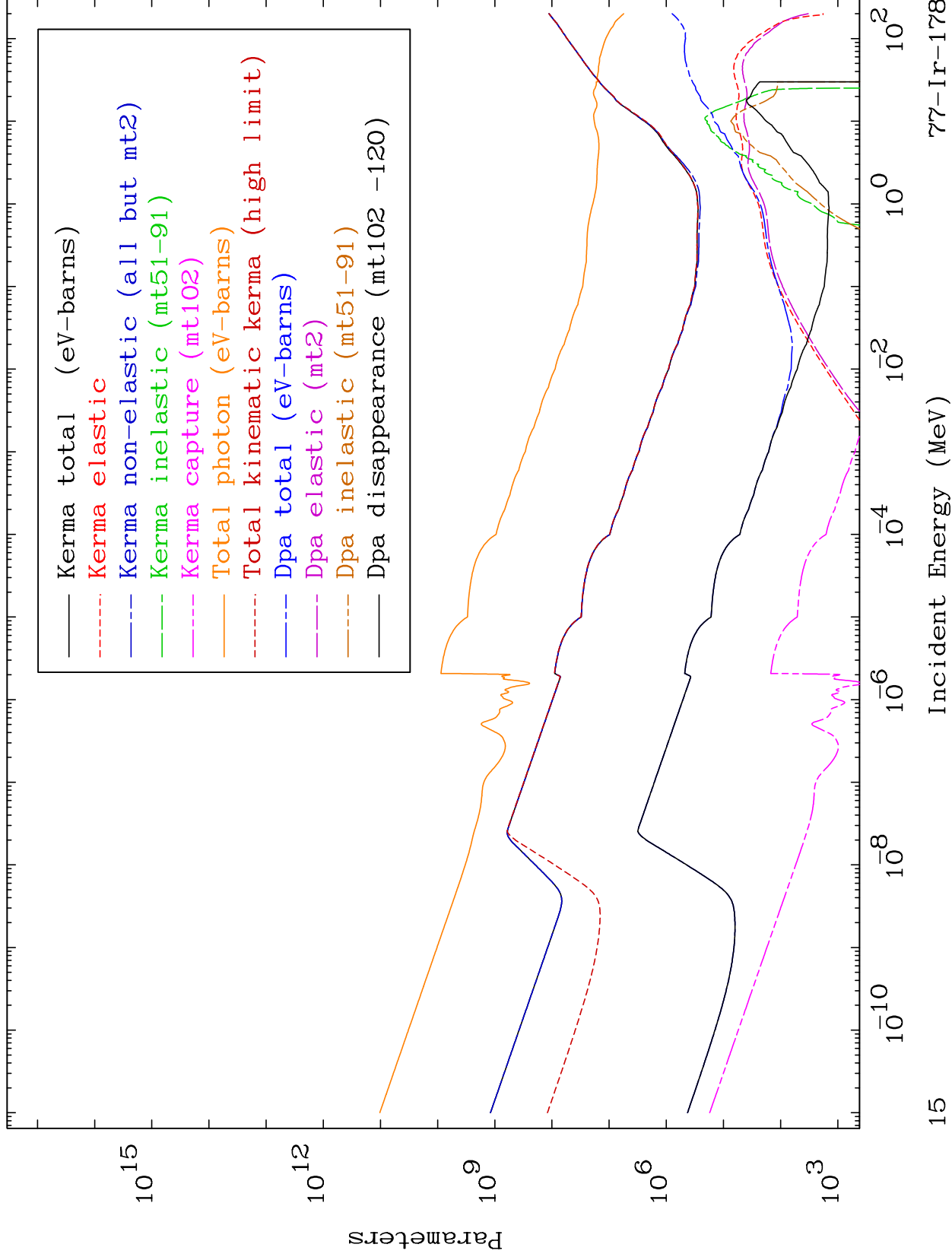


MAT 7686

(n, α) Levels
293 Kelvin Cross Sections

77-Ir-178

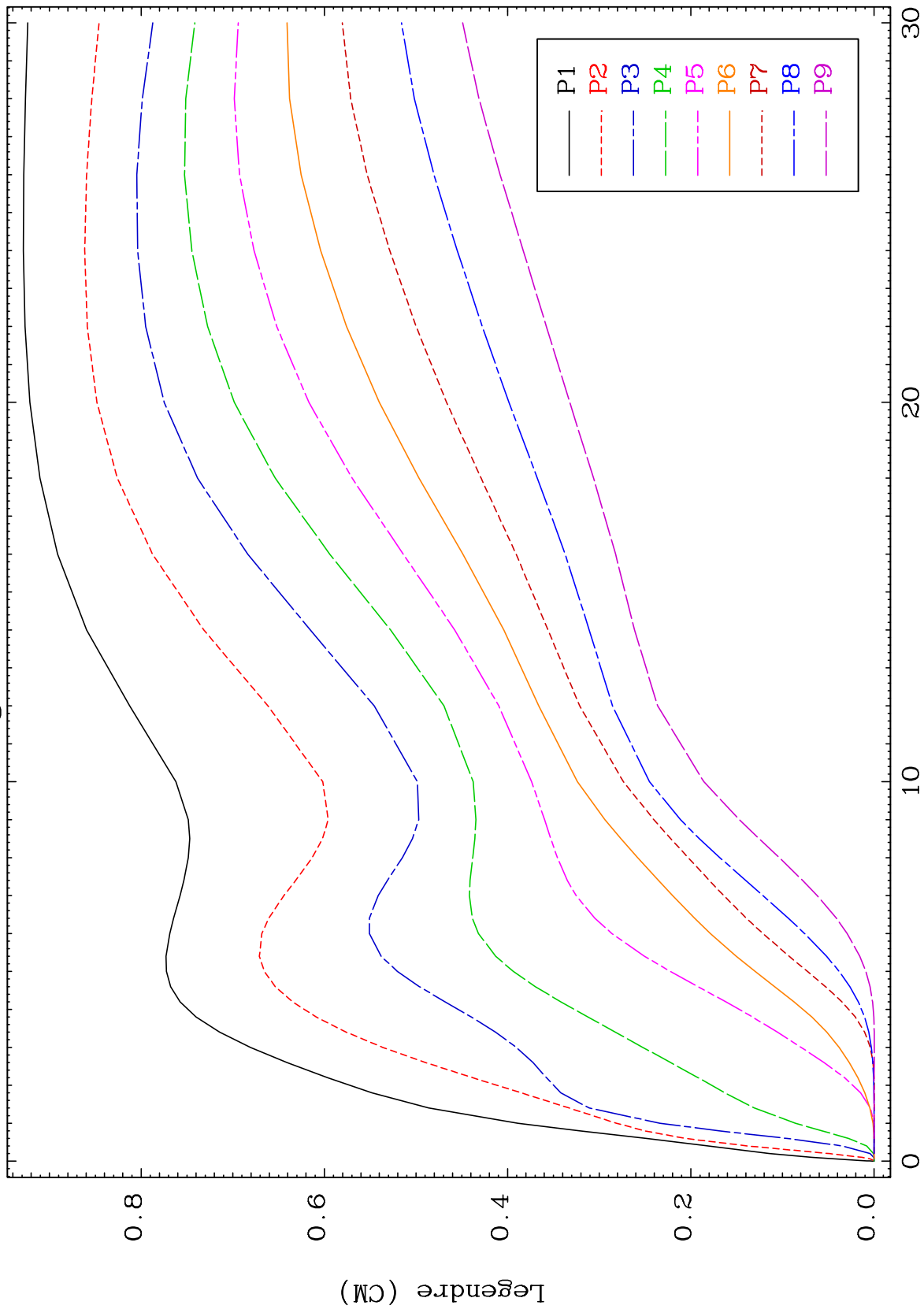




MAT 7686

Elastic Legendre Coefficients

⁷⁷Ir-178



16

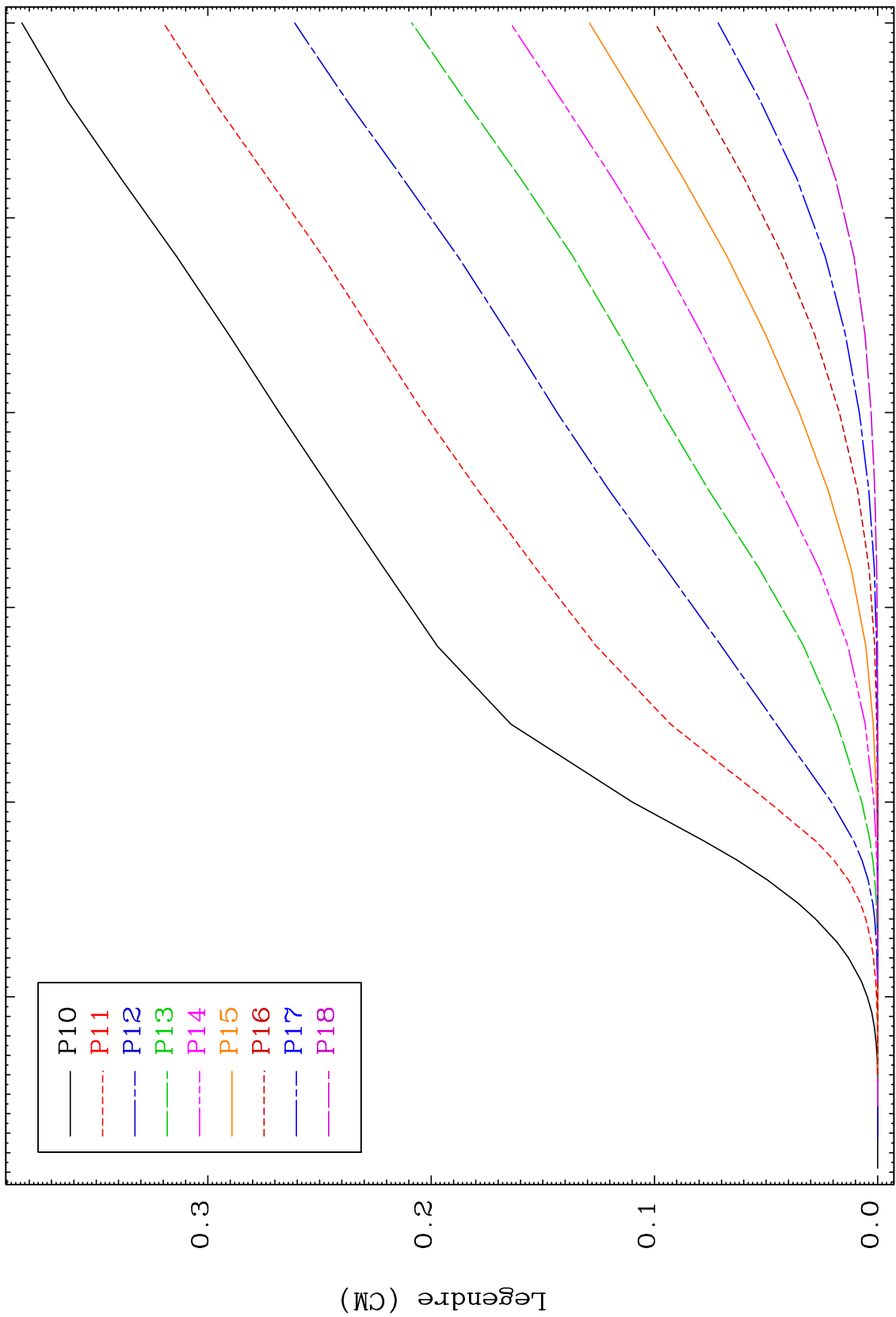
Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

Elastic Legendre Coefficients

⁷⁷Ir-178



17

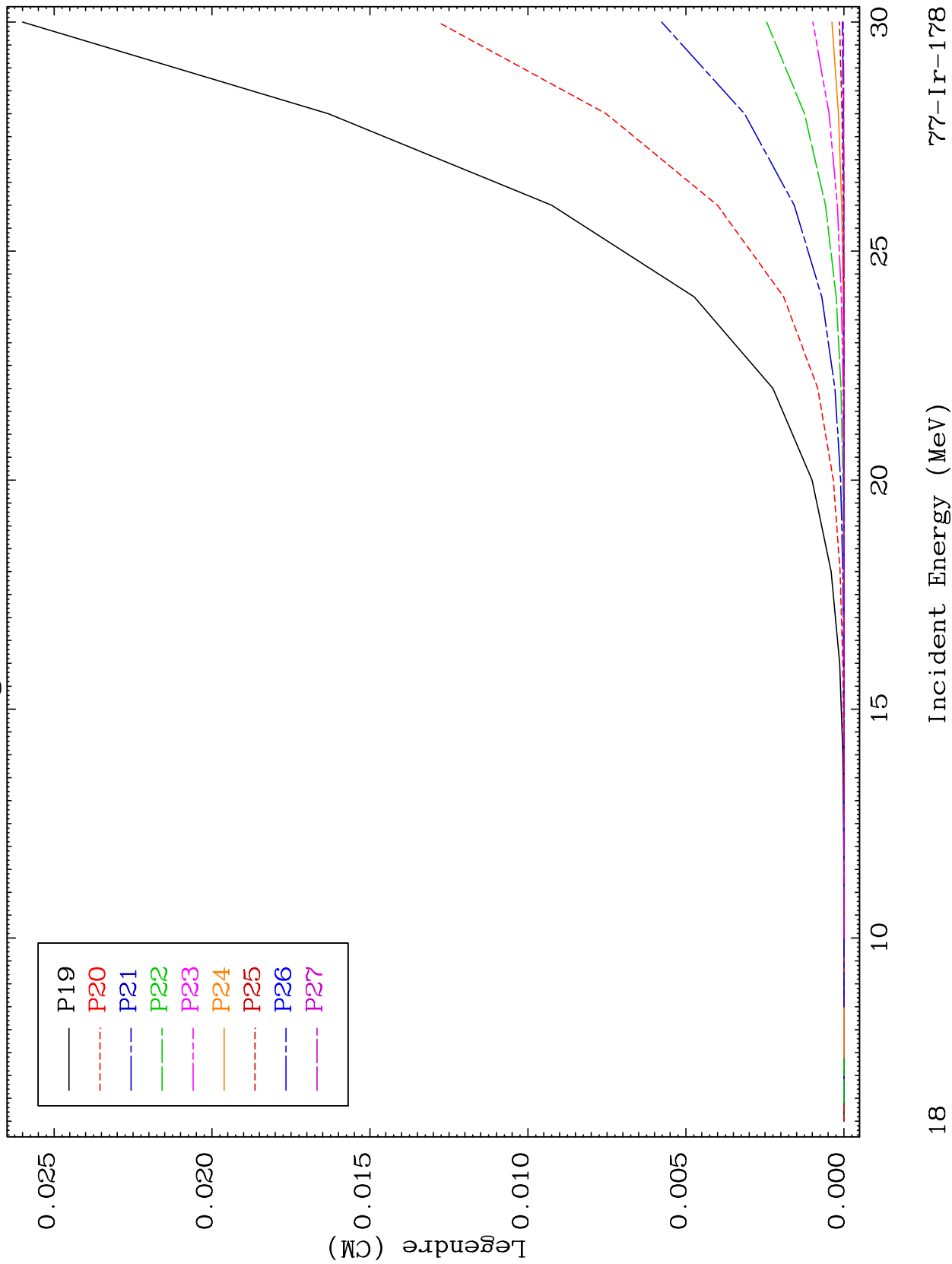
Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

Elastic Legendre Coefficients

⁷⁷Ir-178

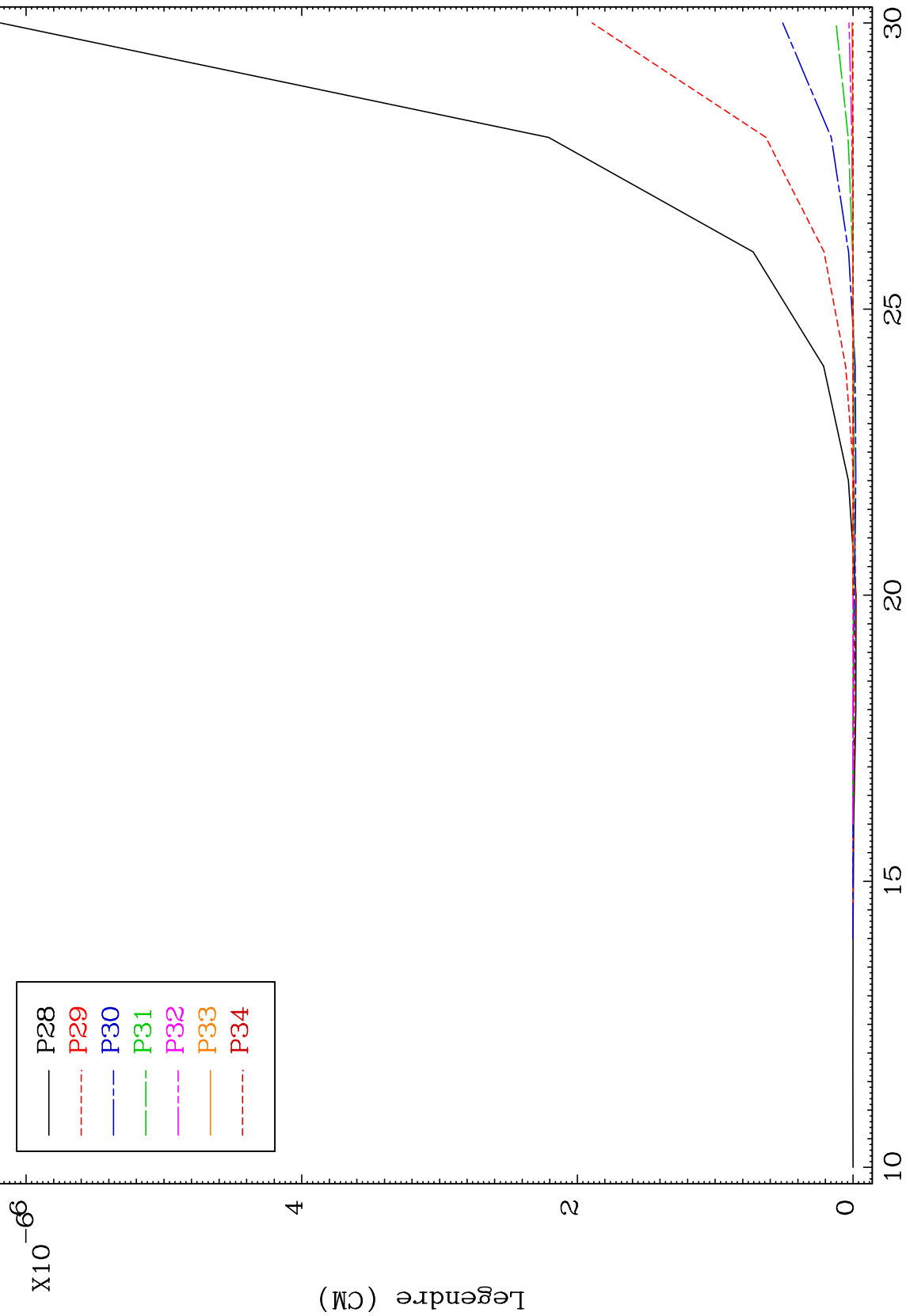


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 7686

Elastic Legendre Coefficients

⁷⁷Ir-178



19

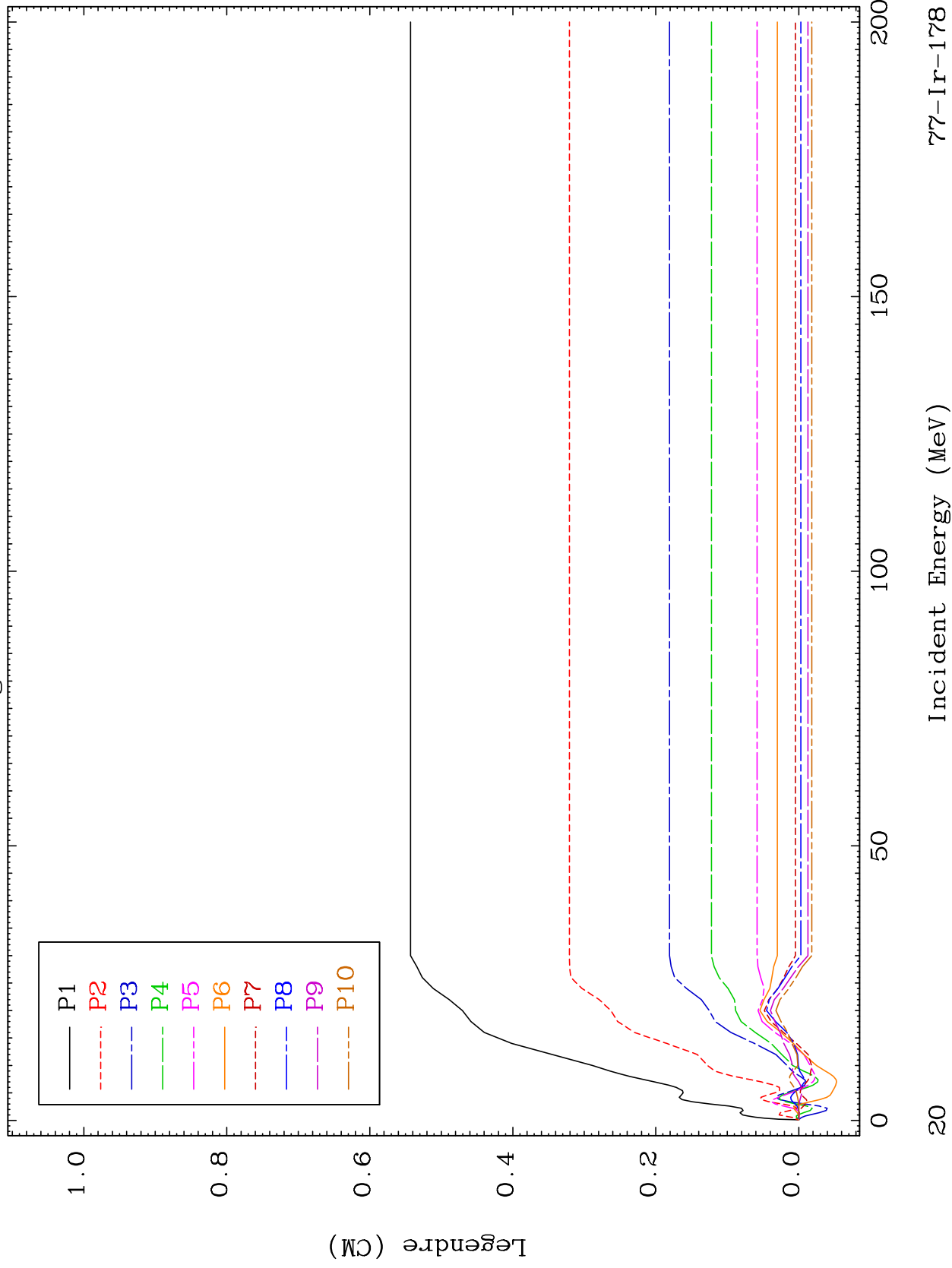
Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

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

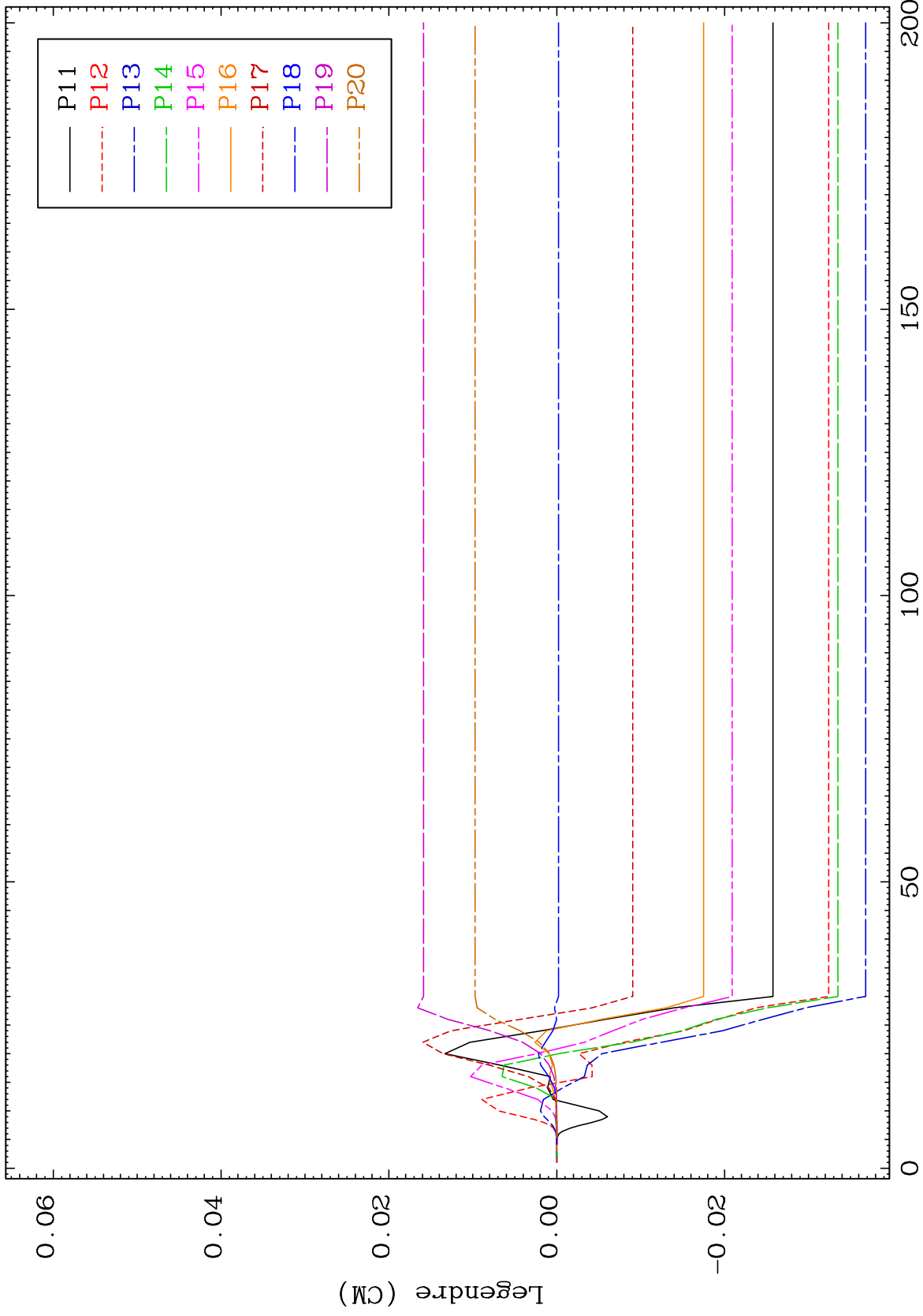
77-Ir-178



MAT 7686

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

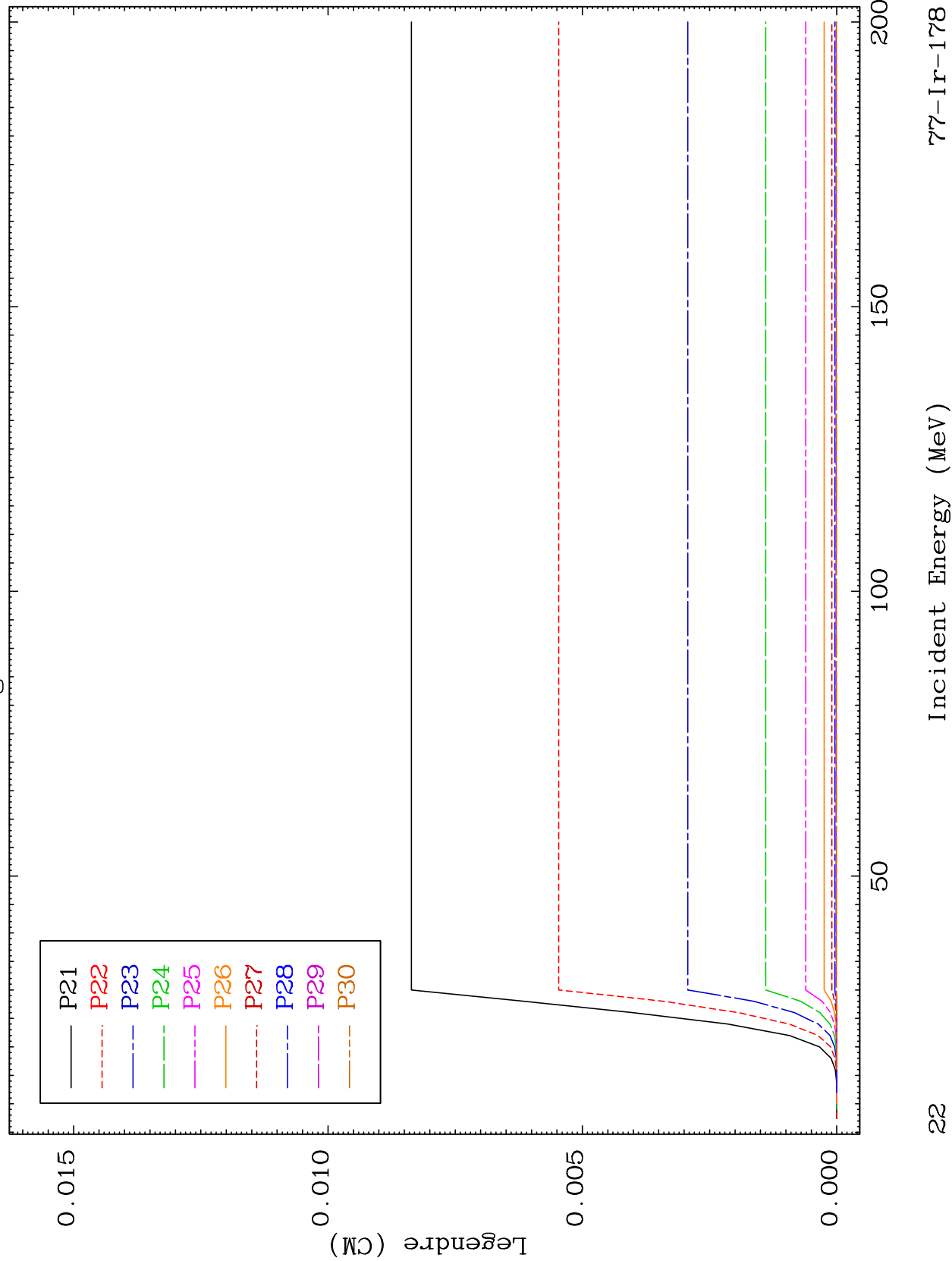
77-Ir-178



21

Incident Energy (MeV)

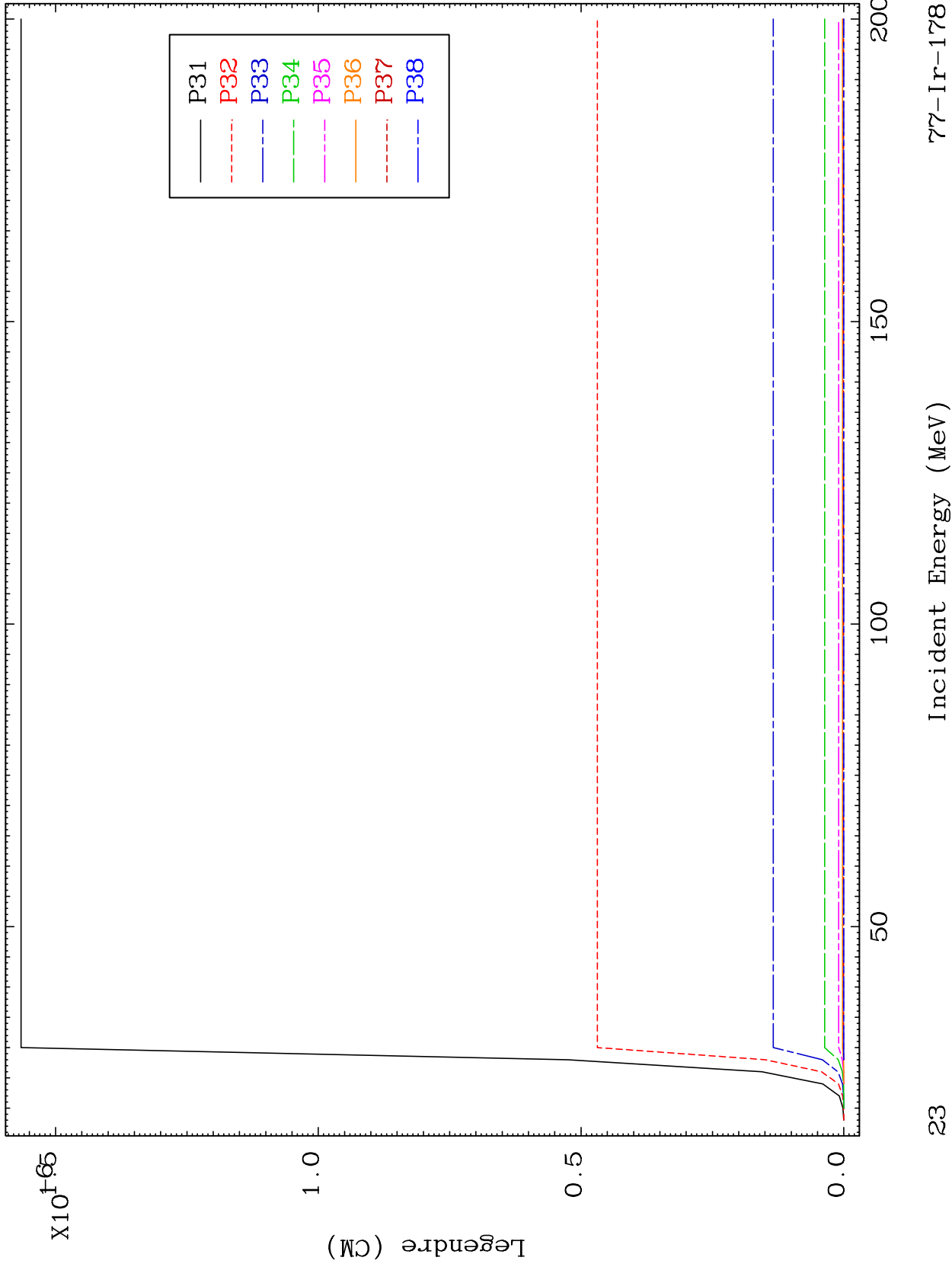
77-Ir-178



MAT 7686

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

77-Ir-178



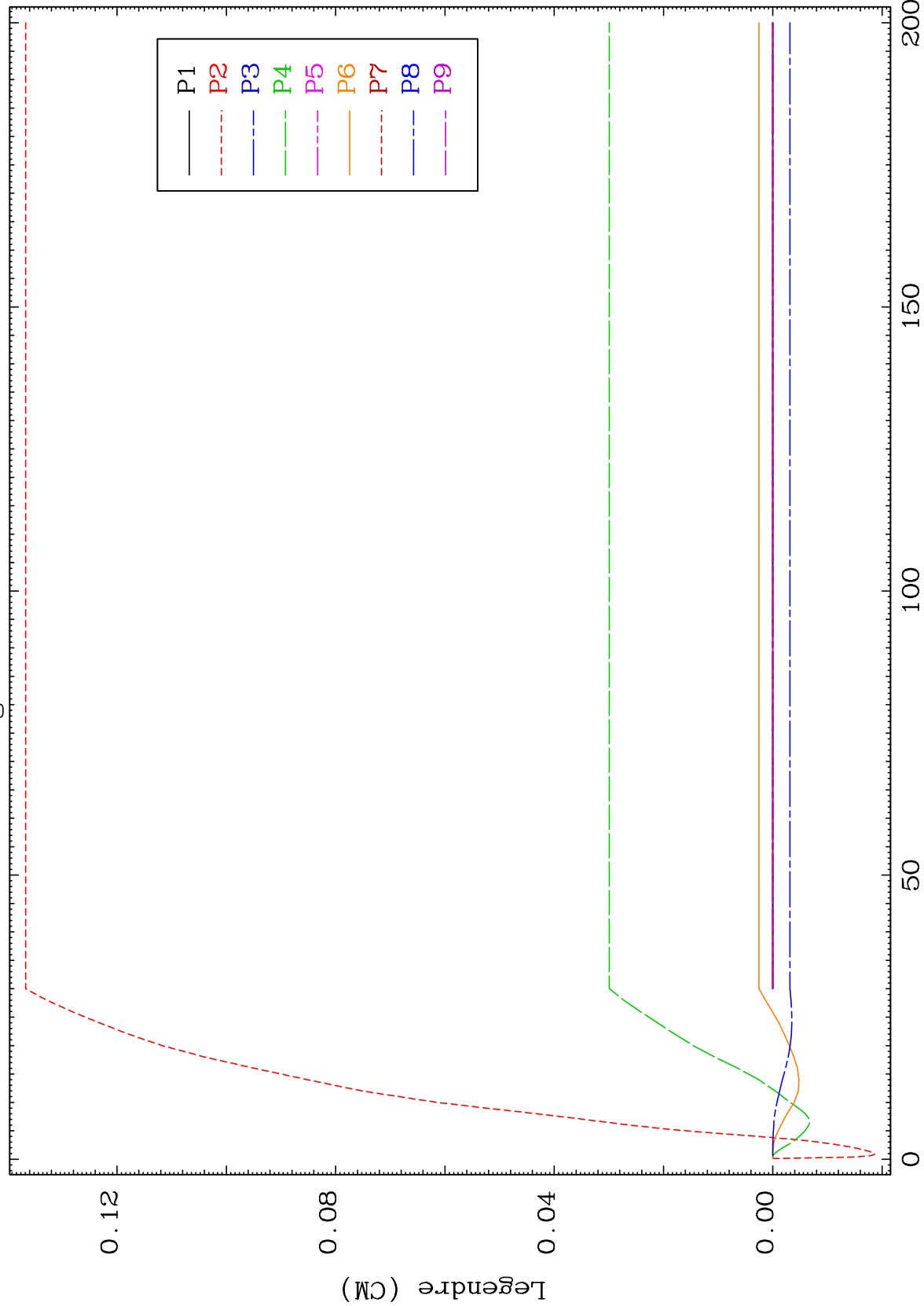
23

77-Ir-178

MAT 7686

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

77-Ir-178



77-Ir-178

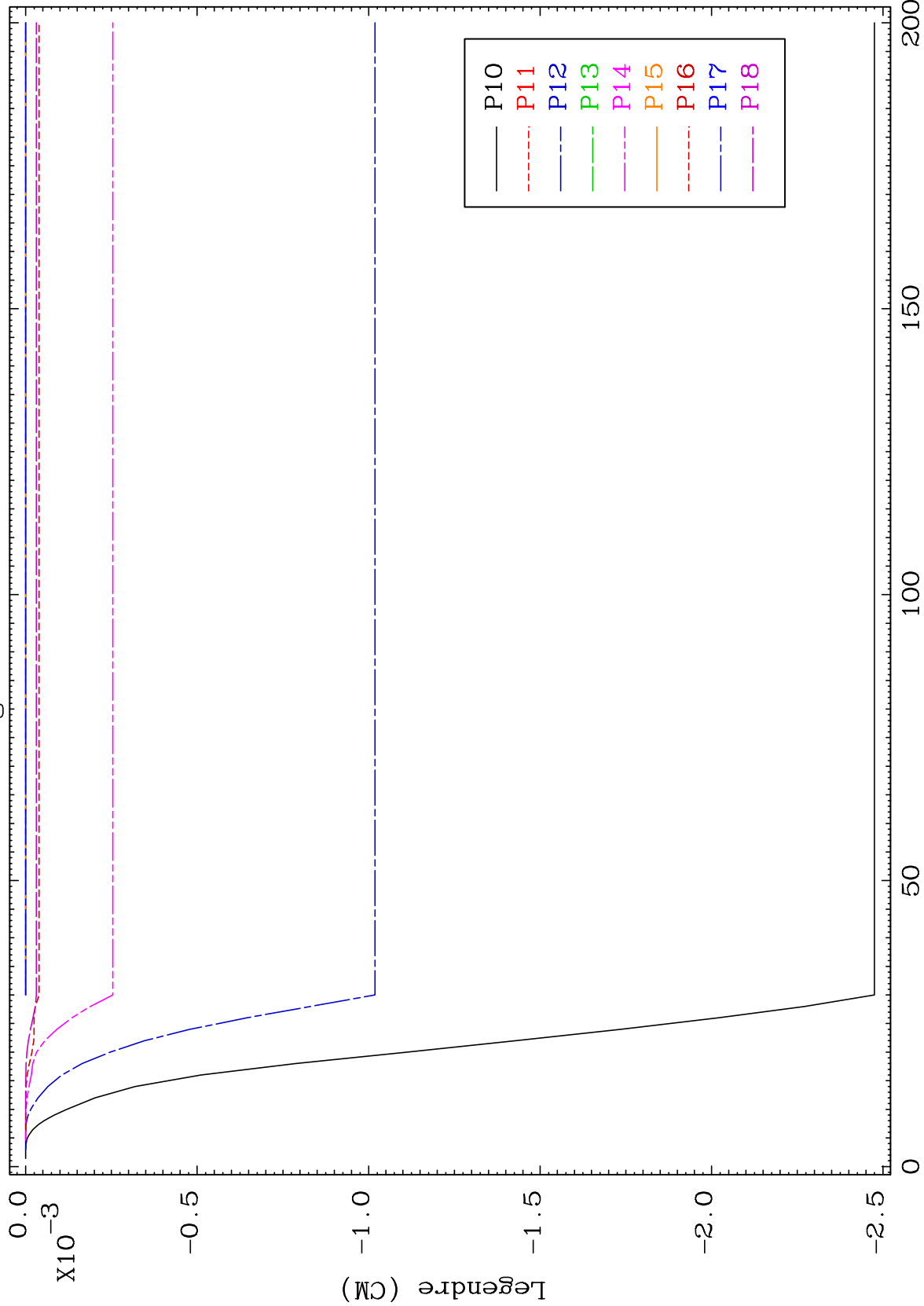
Incident Energy (MeV)

24

MAT 7686

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

77-Ir-178



25

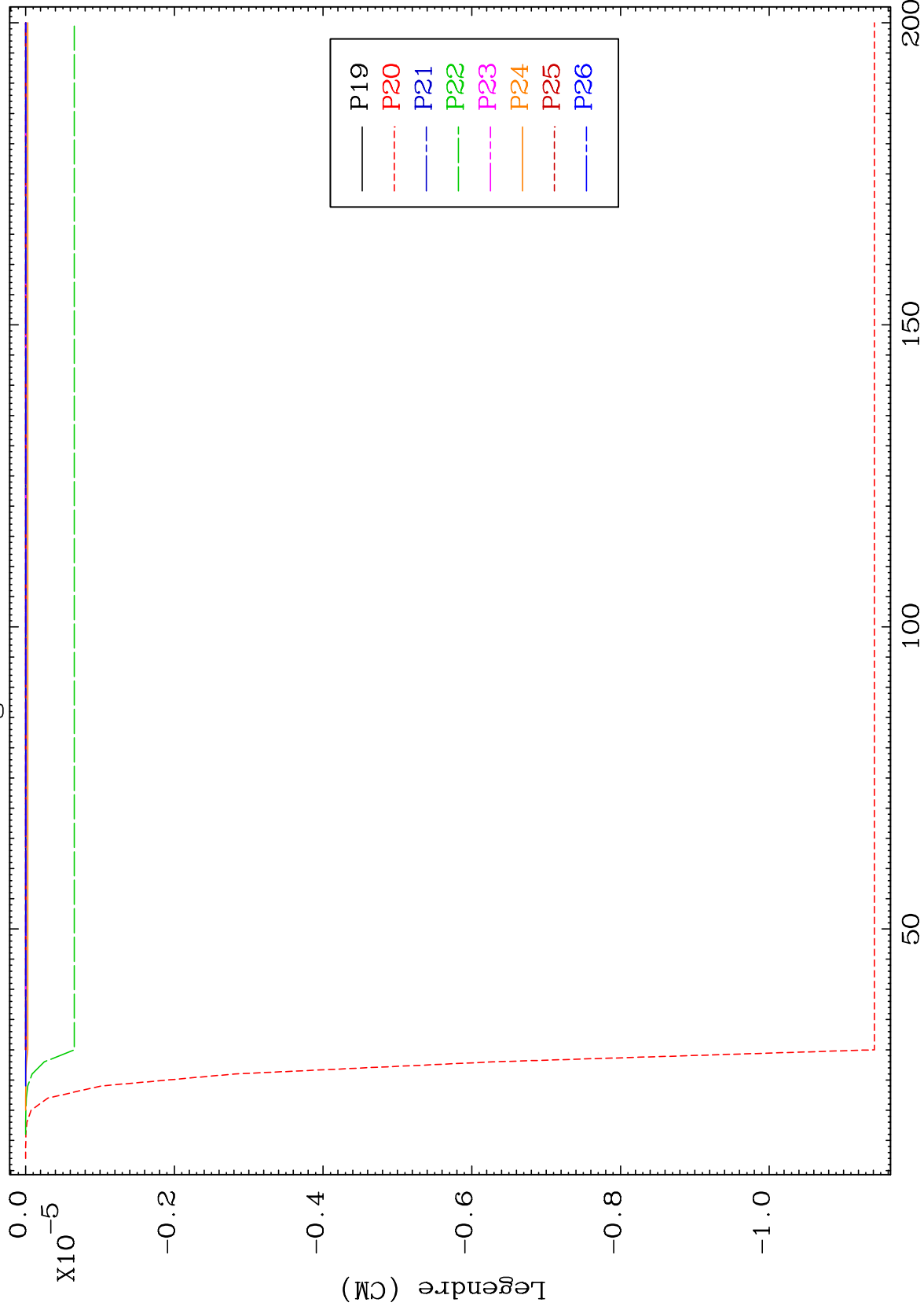
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



26

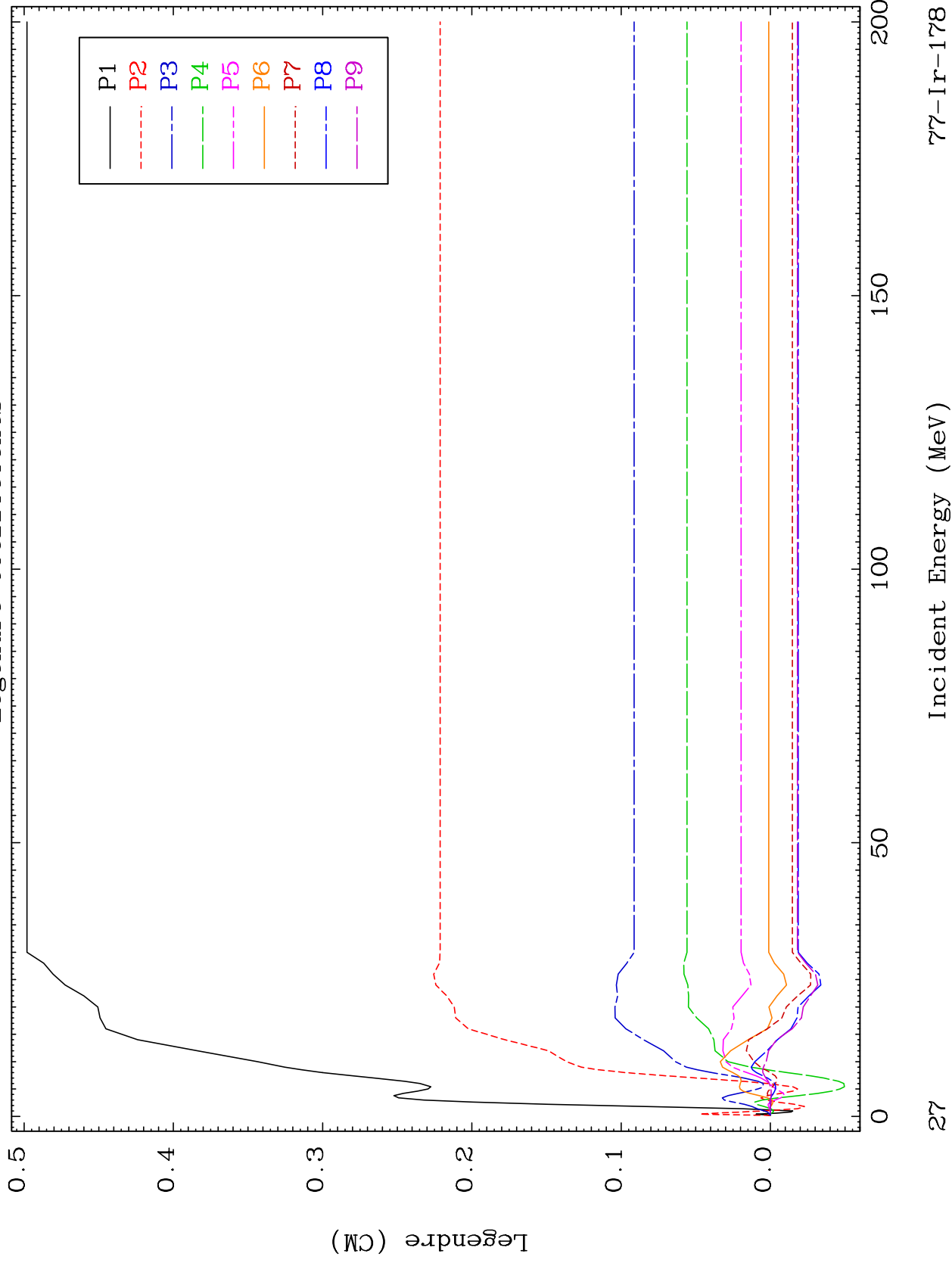
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



77-Ir-178

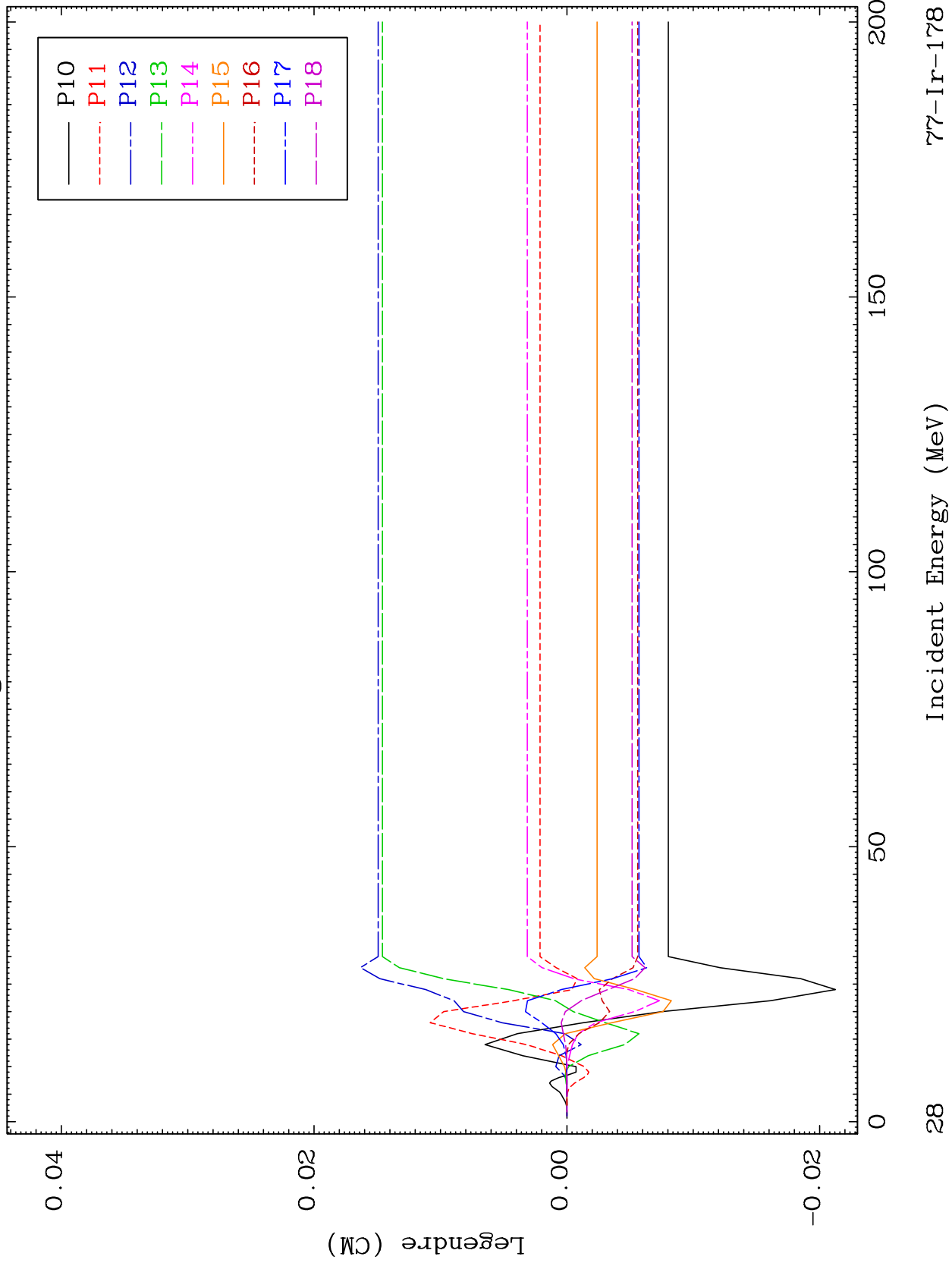
Incident Energy (MeV)

27

MAT 7686

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

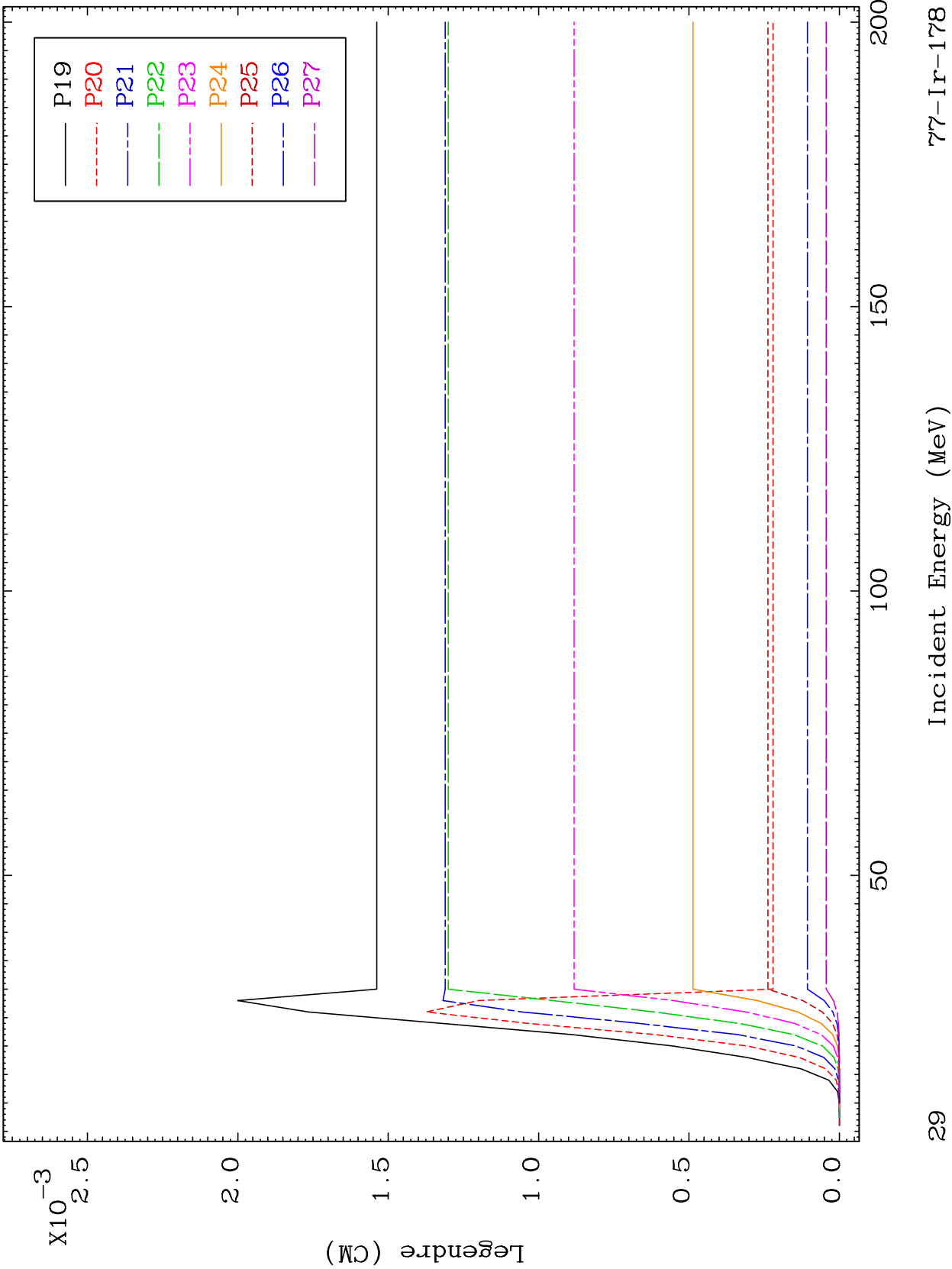
77-Ir-178



77-Ir-178

Incident Energy (MeV)

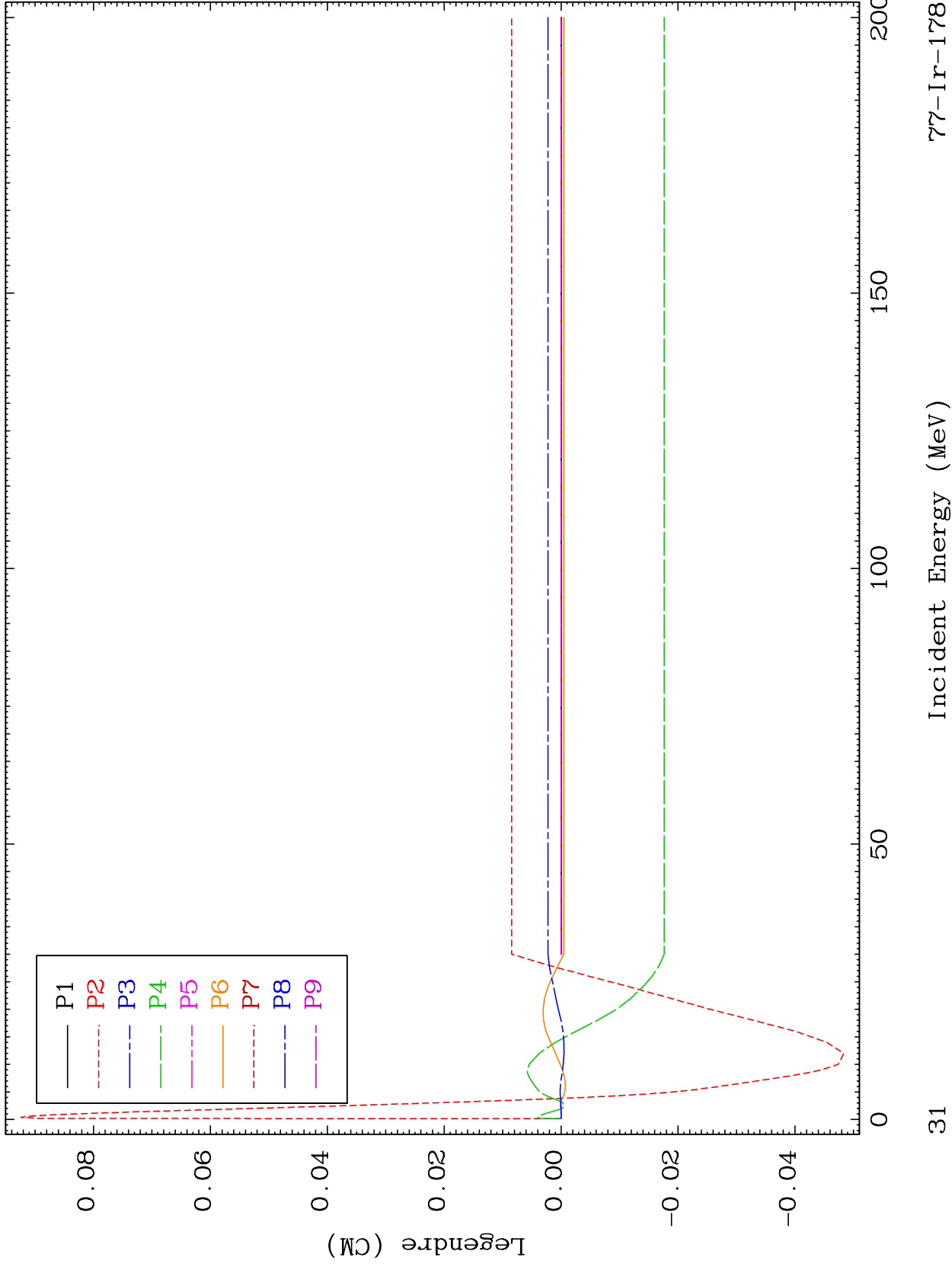
28



MAT 7686

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

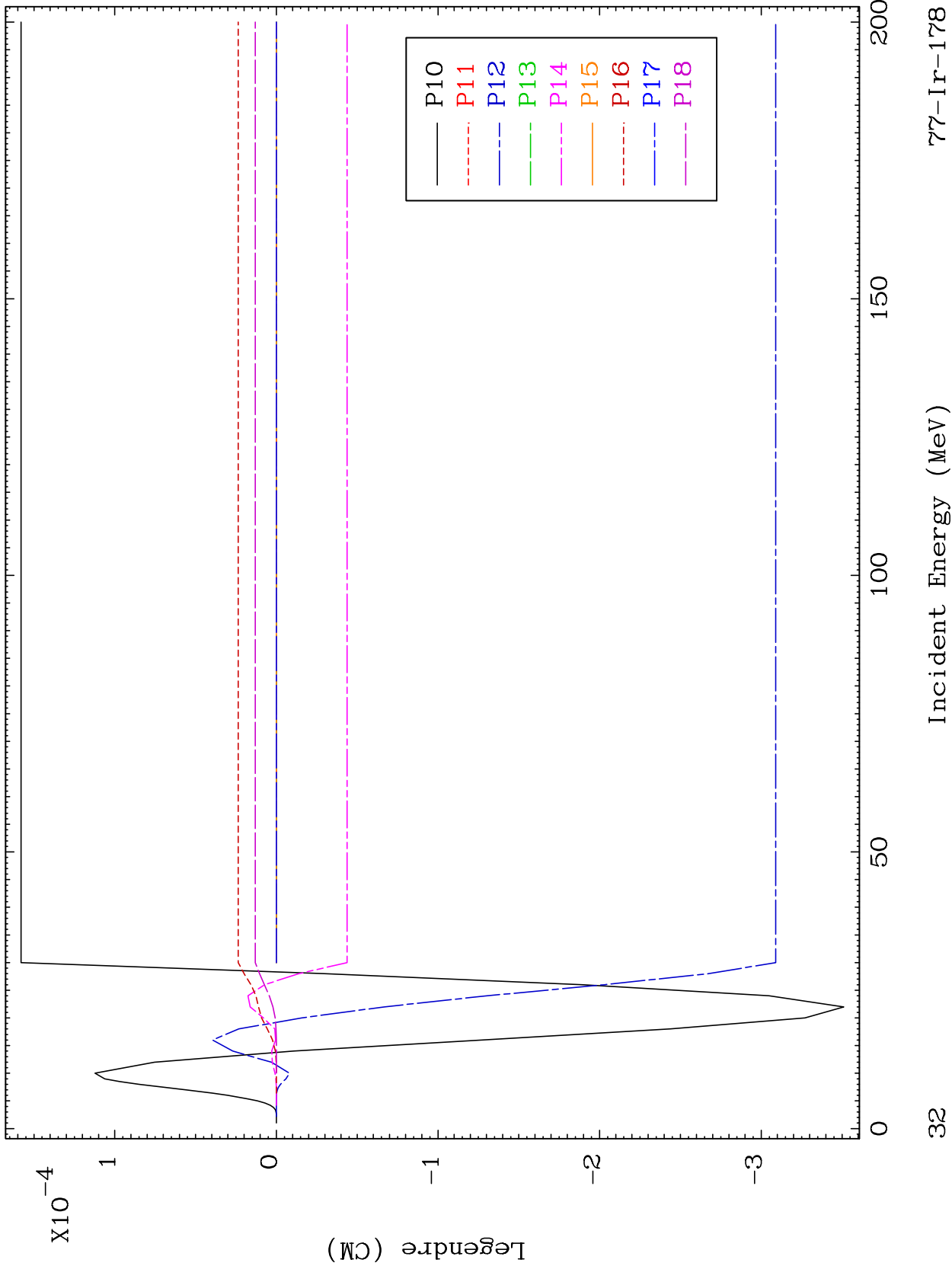
77-Ir-178



31

Incident Energy (MeV)

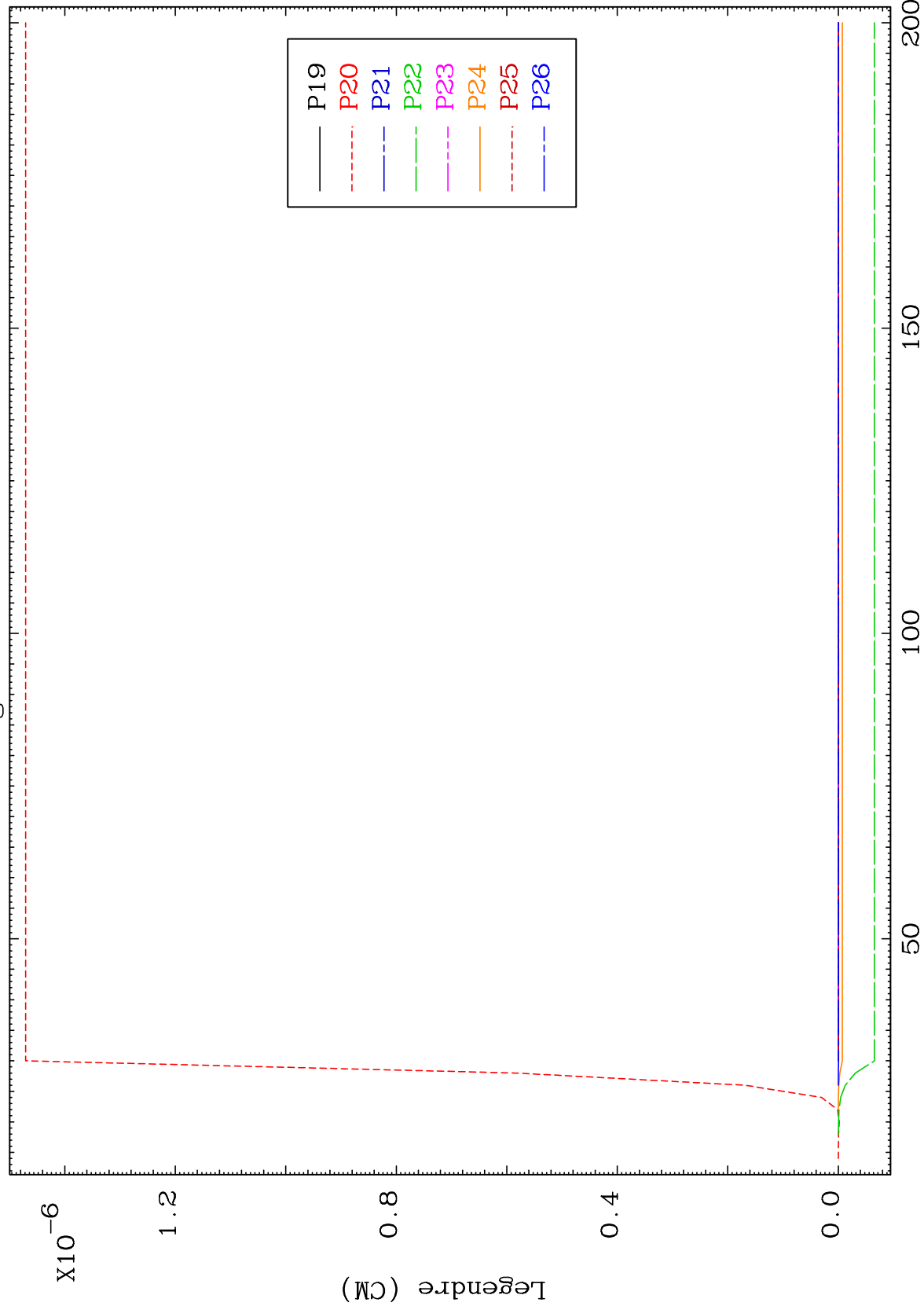
77-Ir-178



MAT 7686

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

77-Ir-178



33

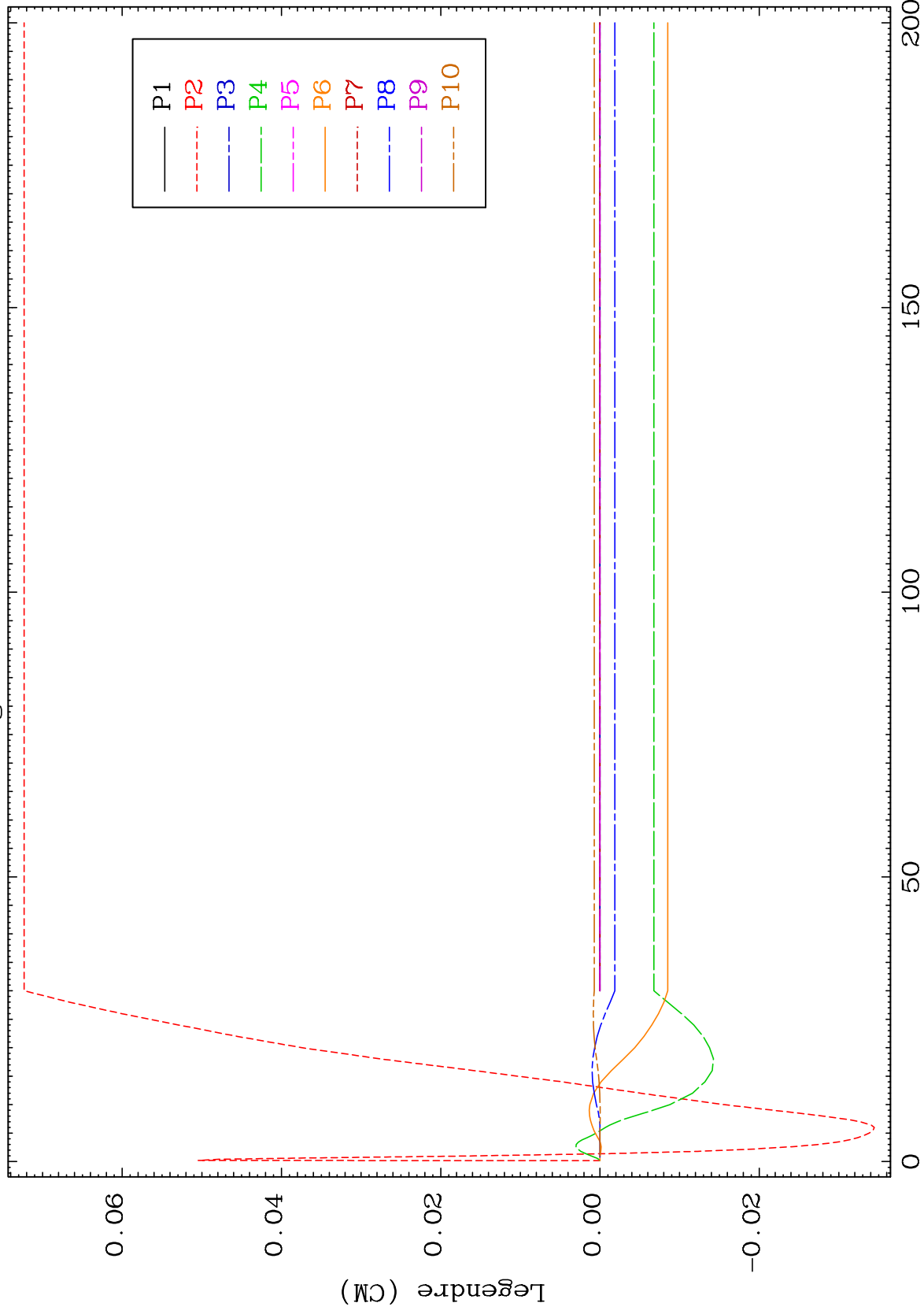
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



34

Incident Energy (MeV)

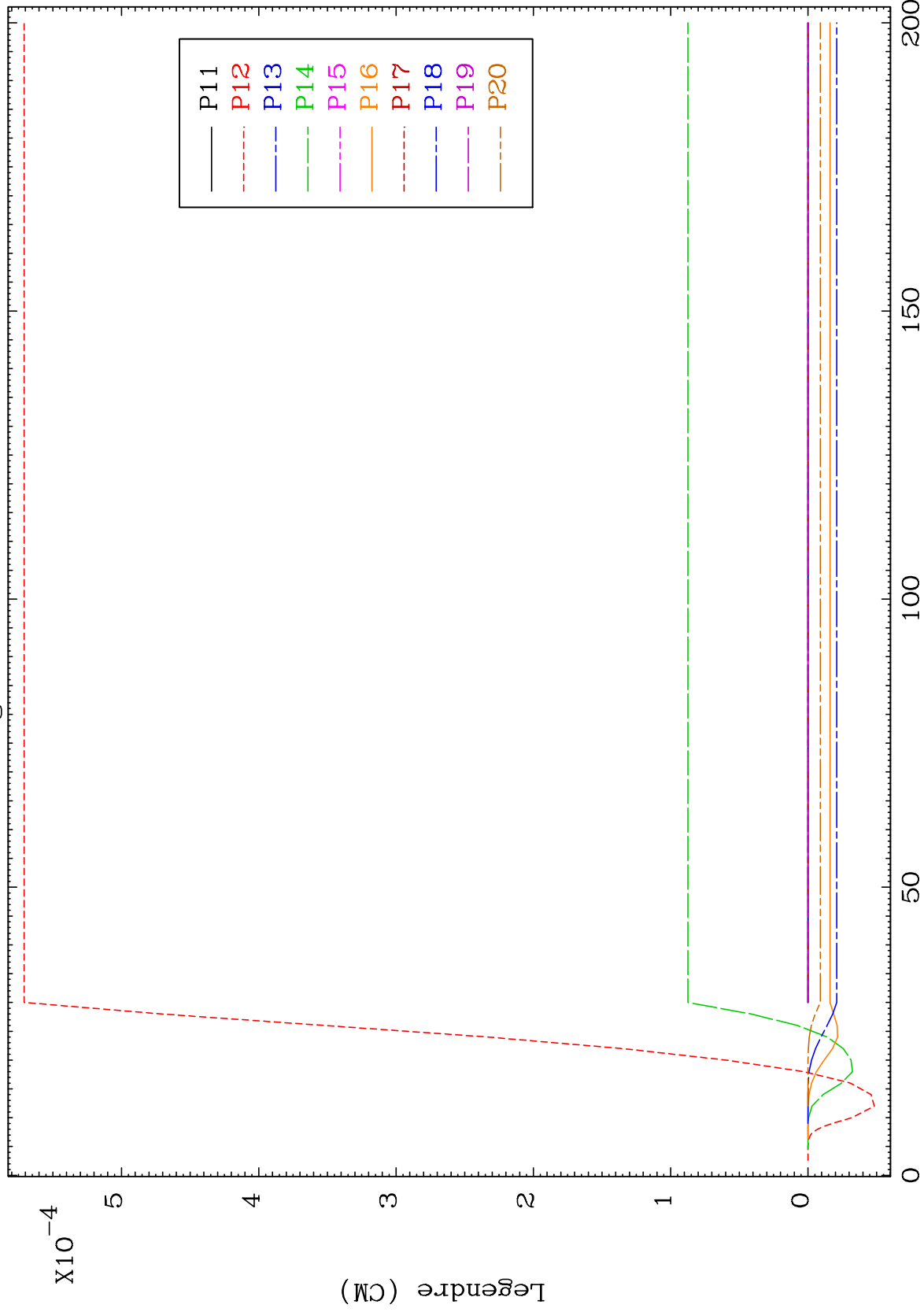
77-Ir-178

MAT 7686

MT= 55 (n,n') Level

Legendre Coefficients

77-Ir-178



35

Incident Energy (MeV)

50

100

150

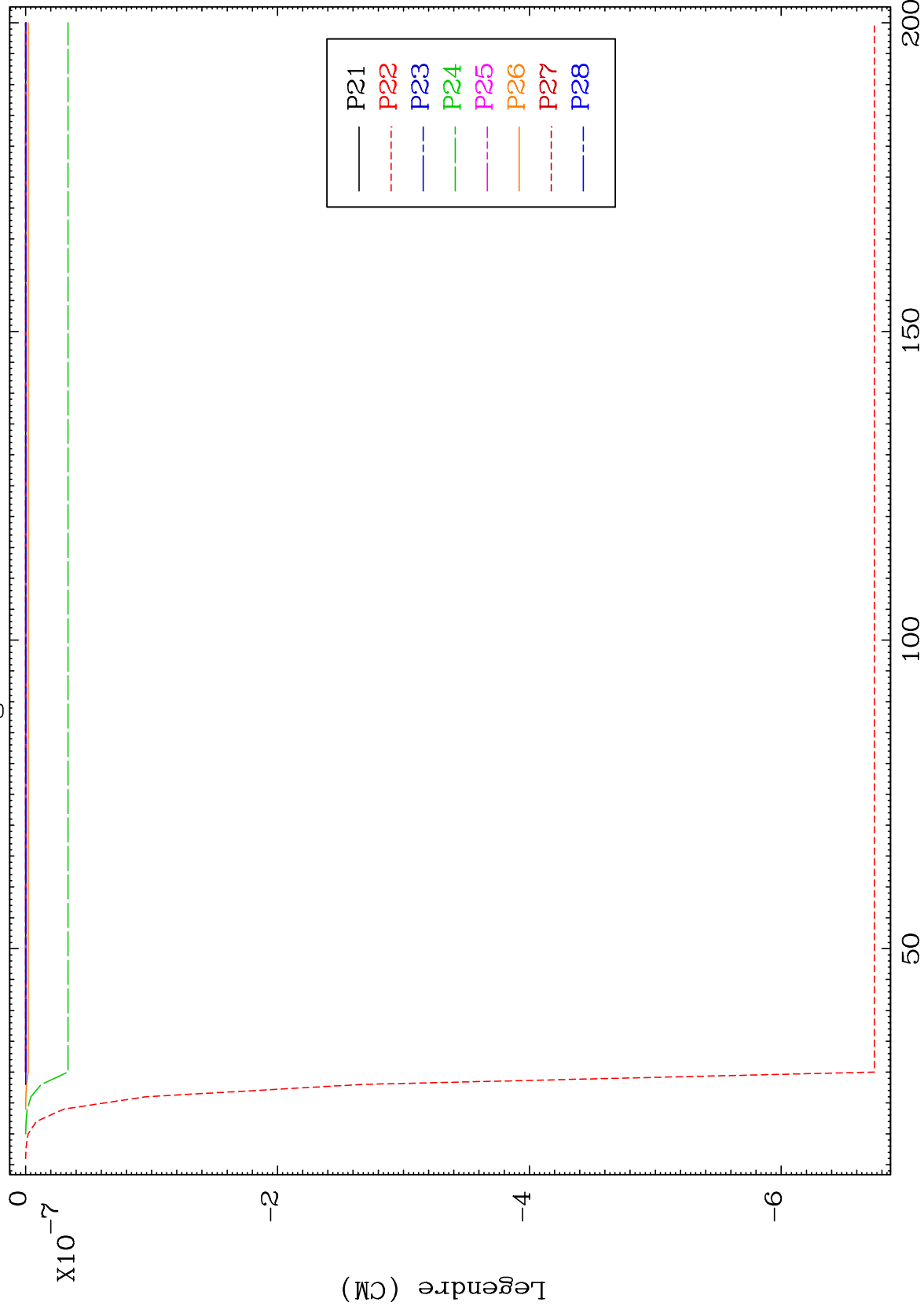
200

77-Ir-178

MAT 7686

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

77-Ir-178



36

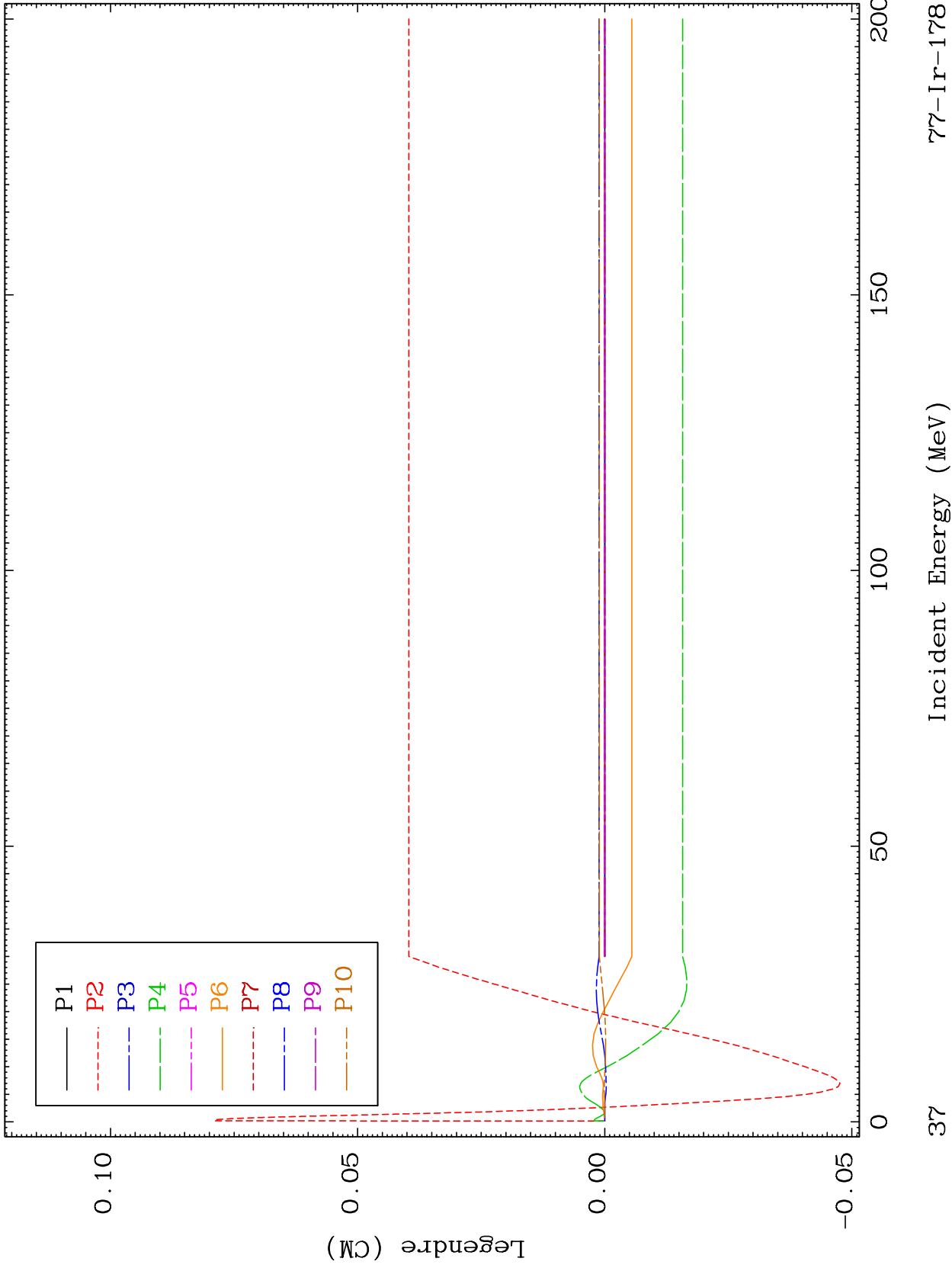
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



77-Ir-178

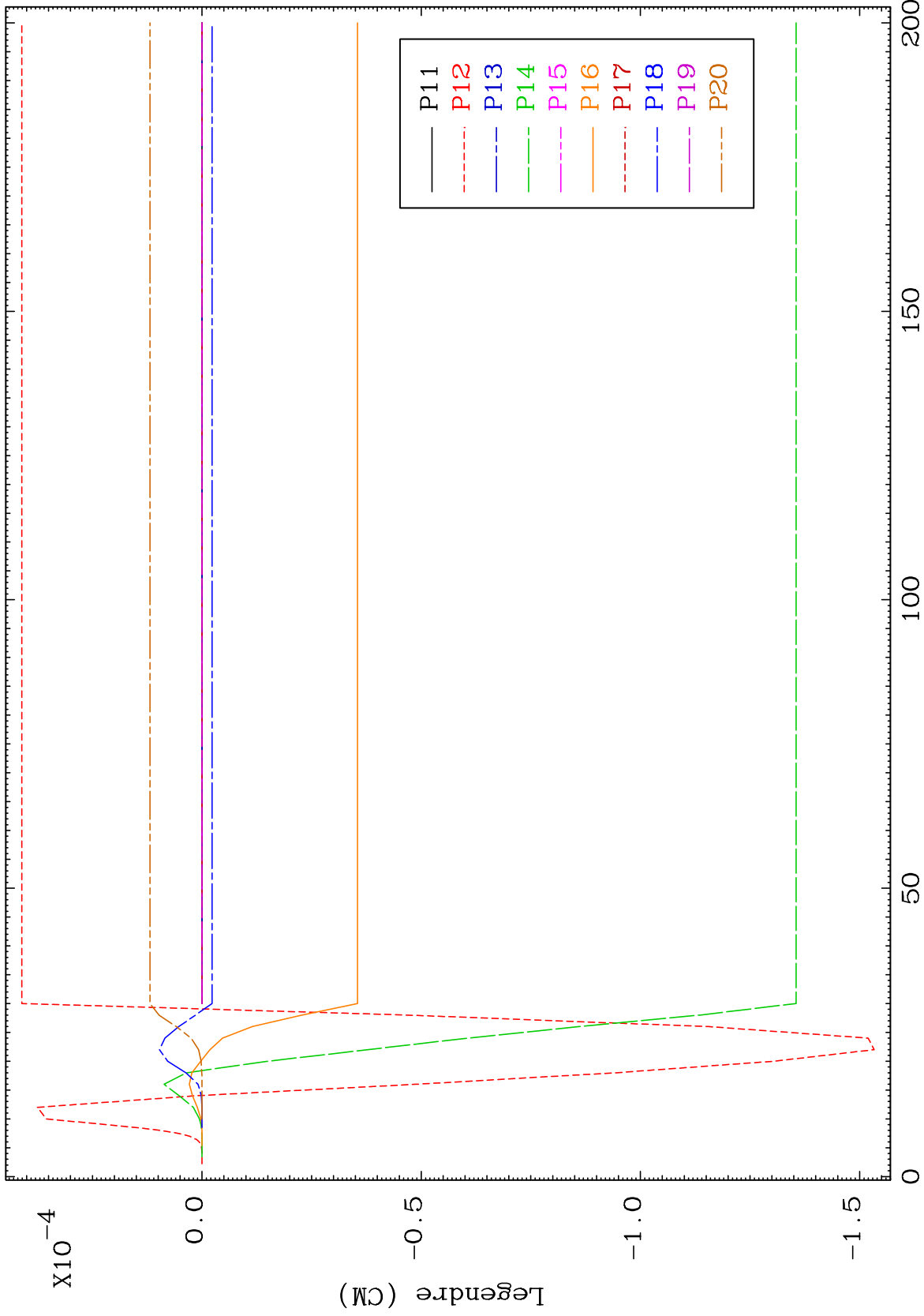
Incident Energy (MeV)

37

MAT 7686

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

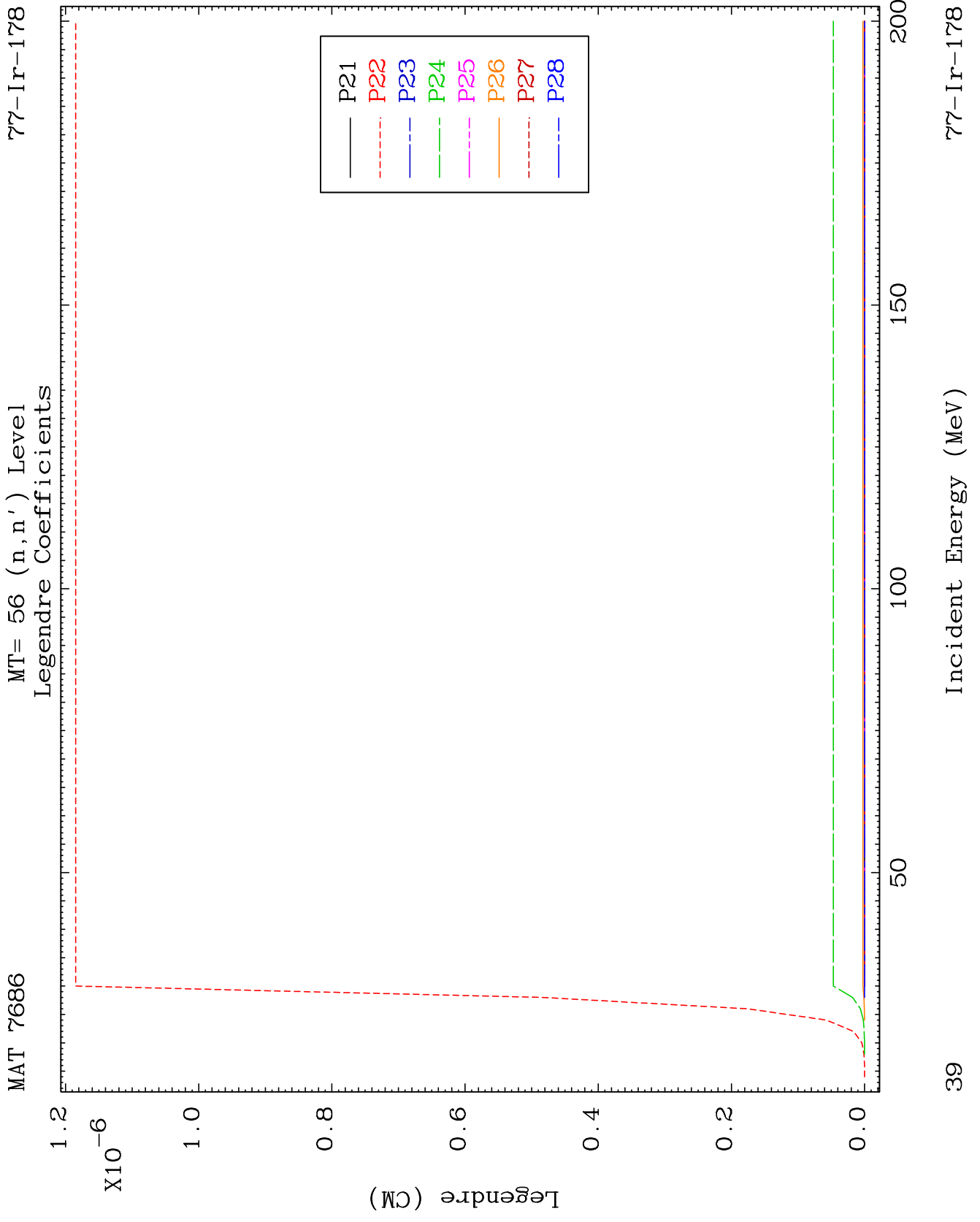
77-Ir-178



38

Incident Energy (MeV)

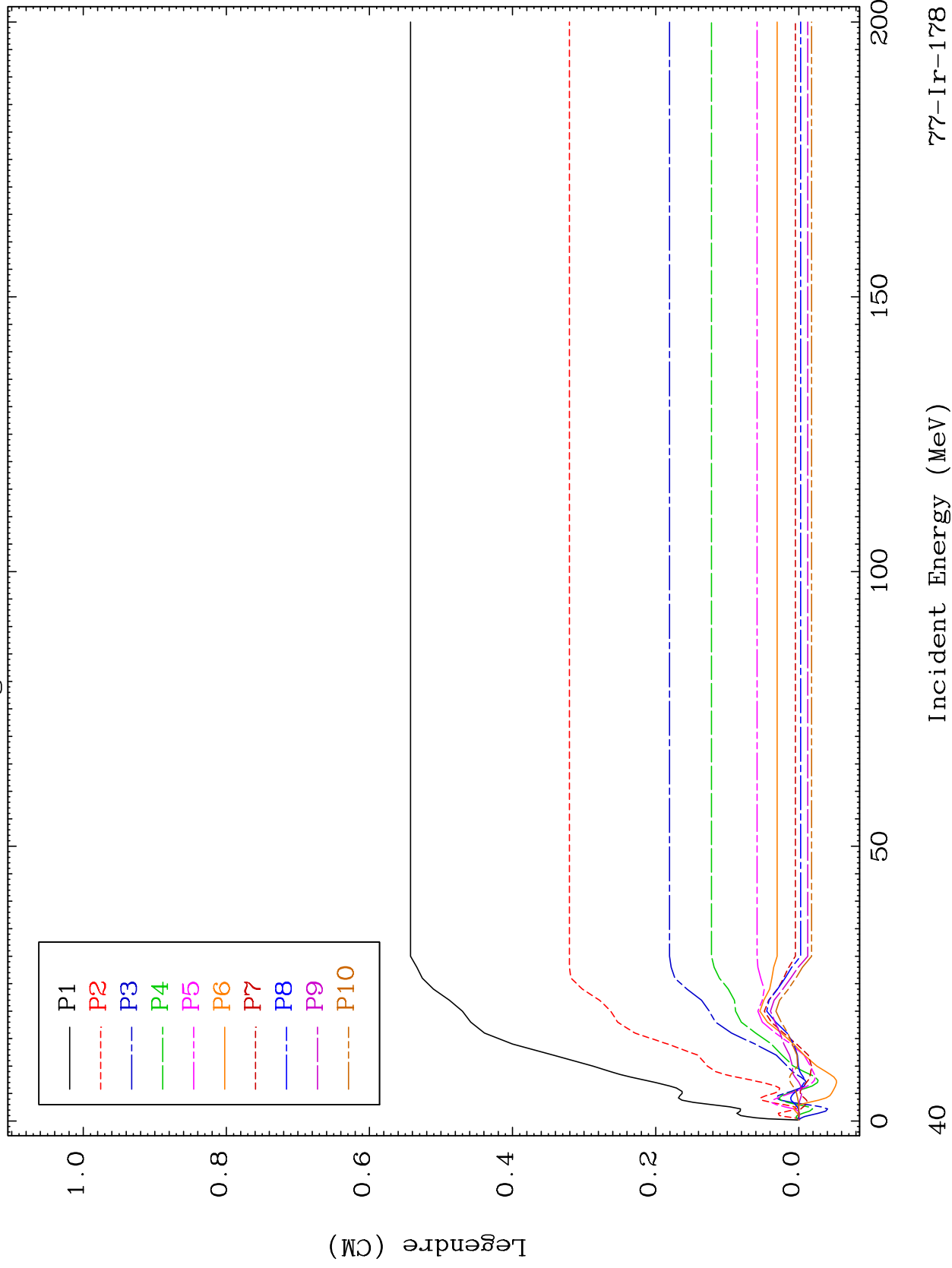
77-Ir-178



MAT 7686

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

77-Ir-178



77-Ir-178

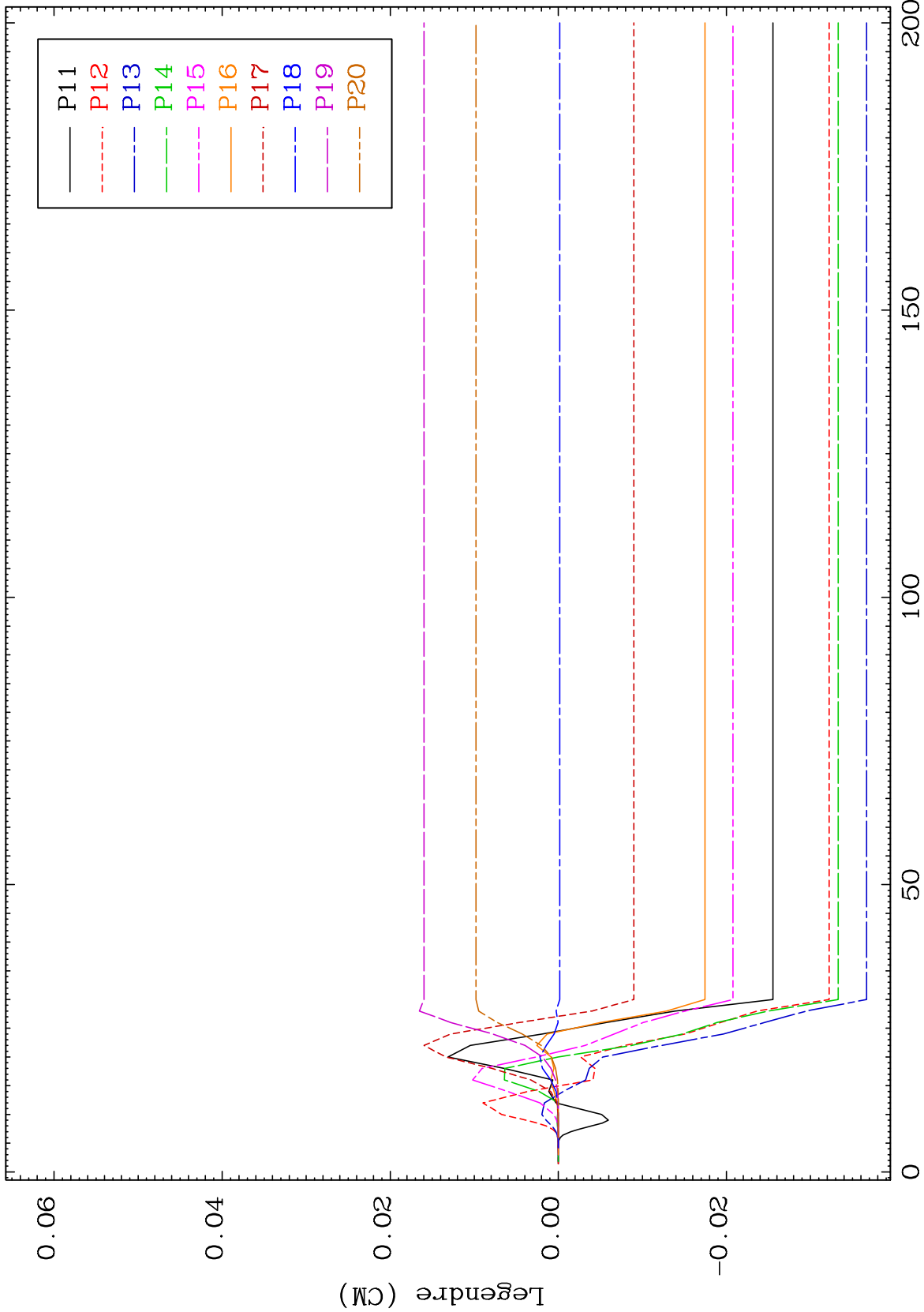
Incident Energy (MeV)

40

MAT 7686

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

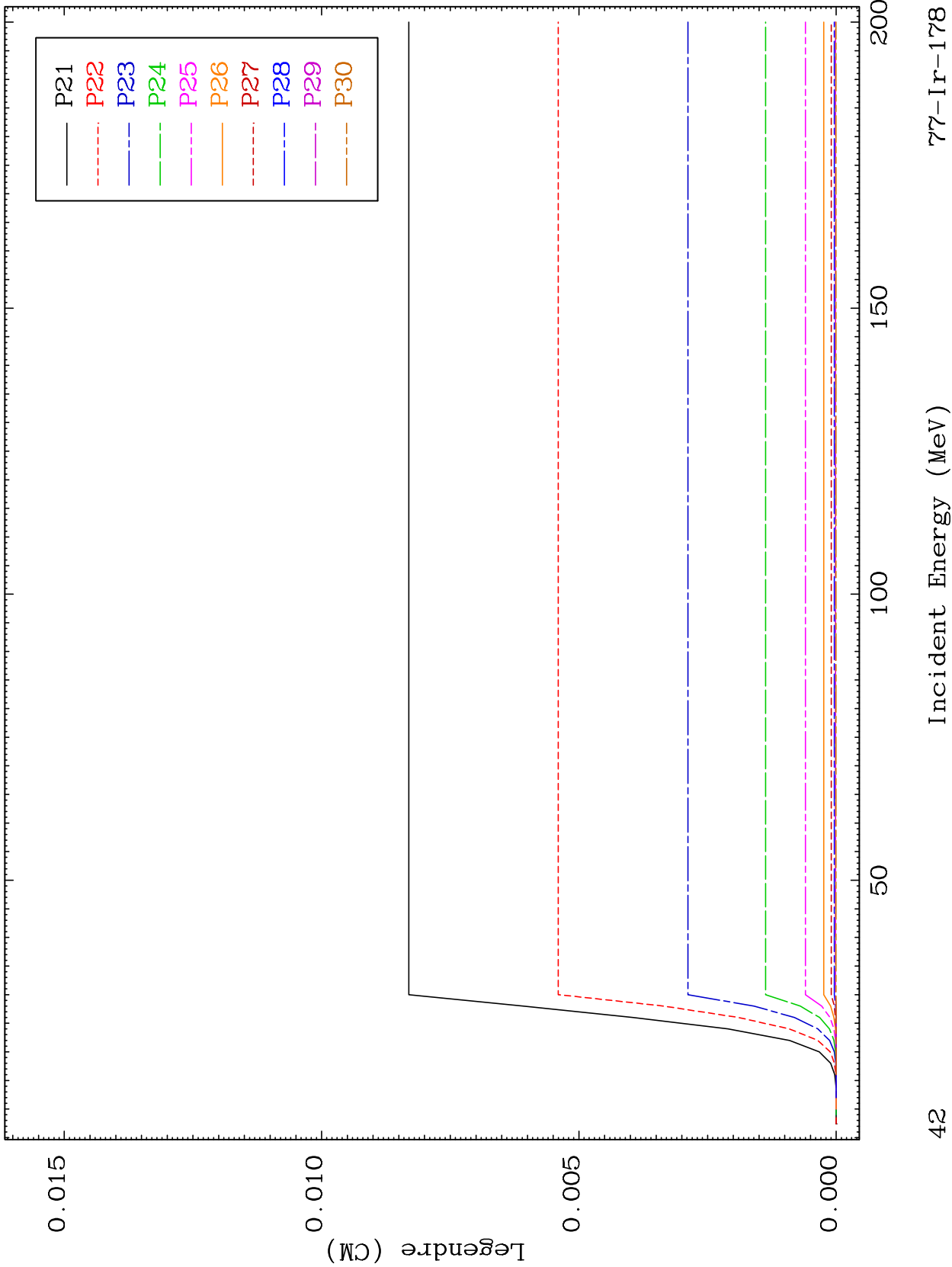
77-Ir-178



MAT 7686

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

77-Ir-178



42

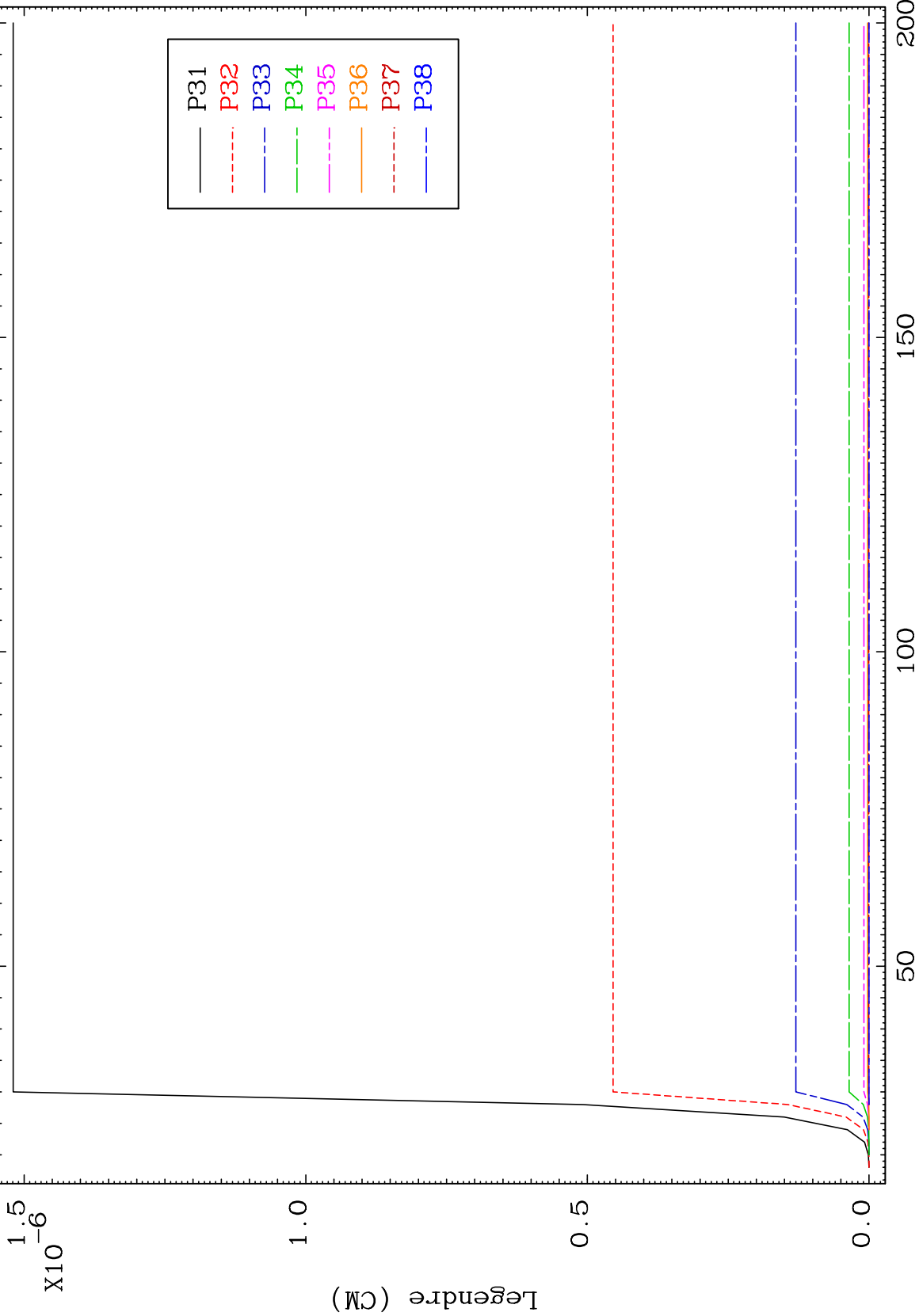
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



43

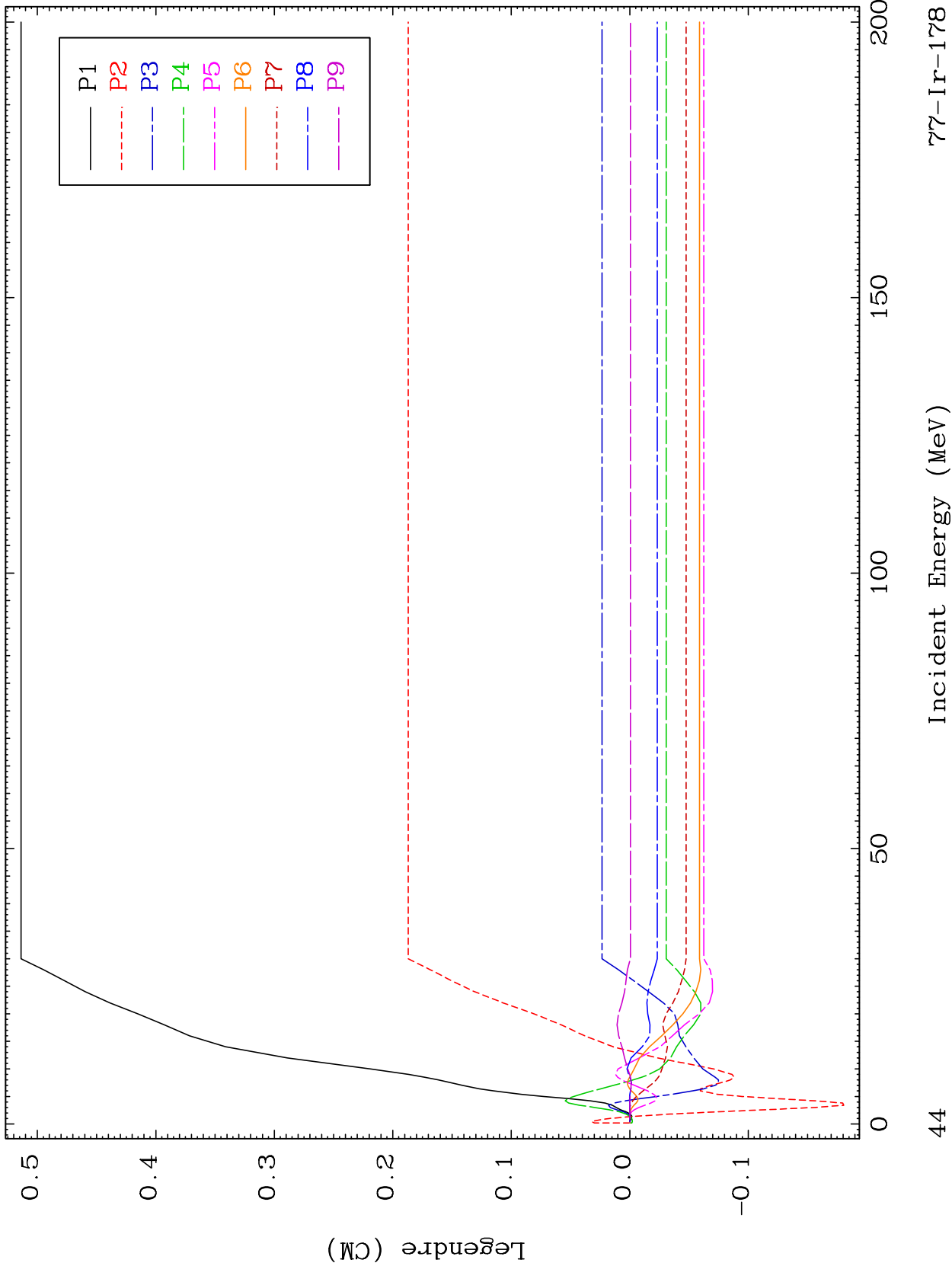
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

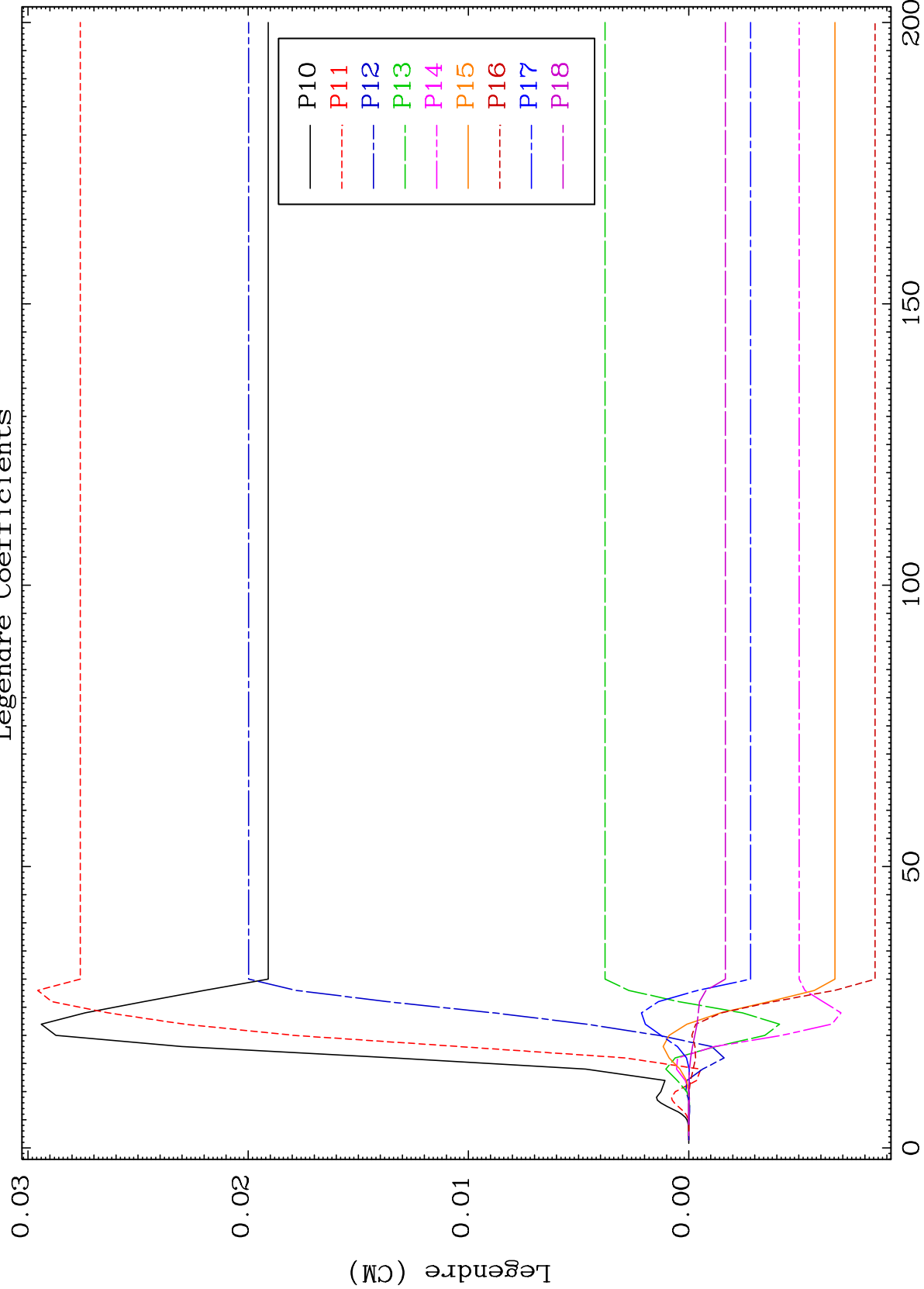
77-Ir-178



MAT 7686

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

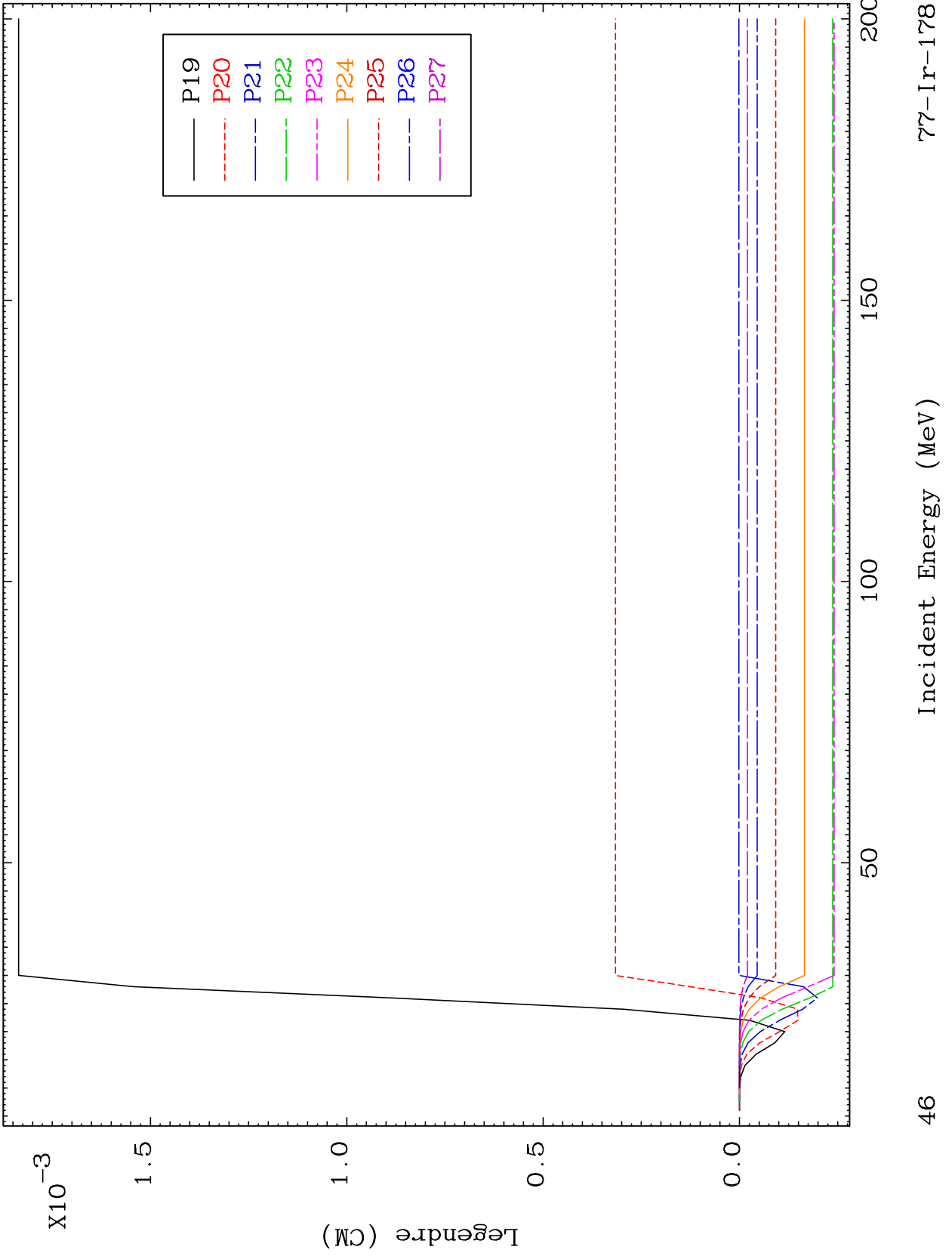
77-Ir-178

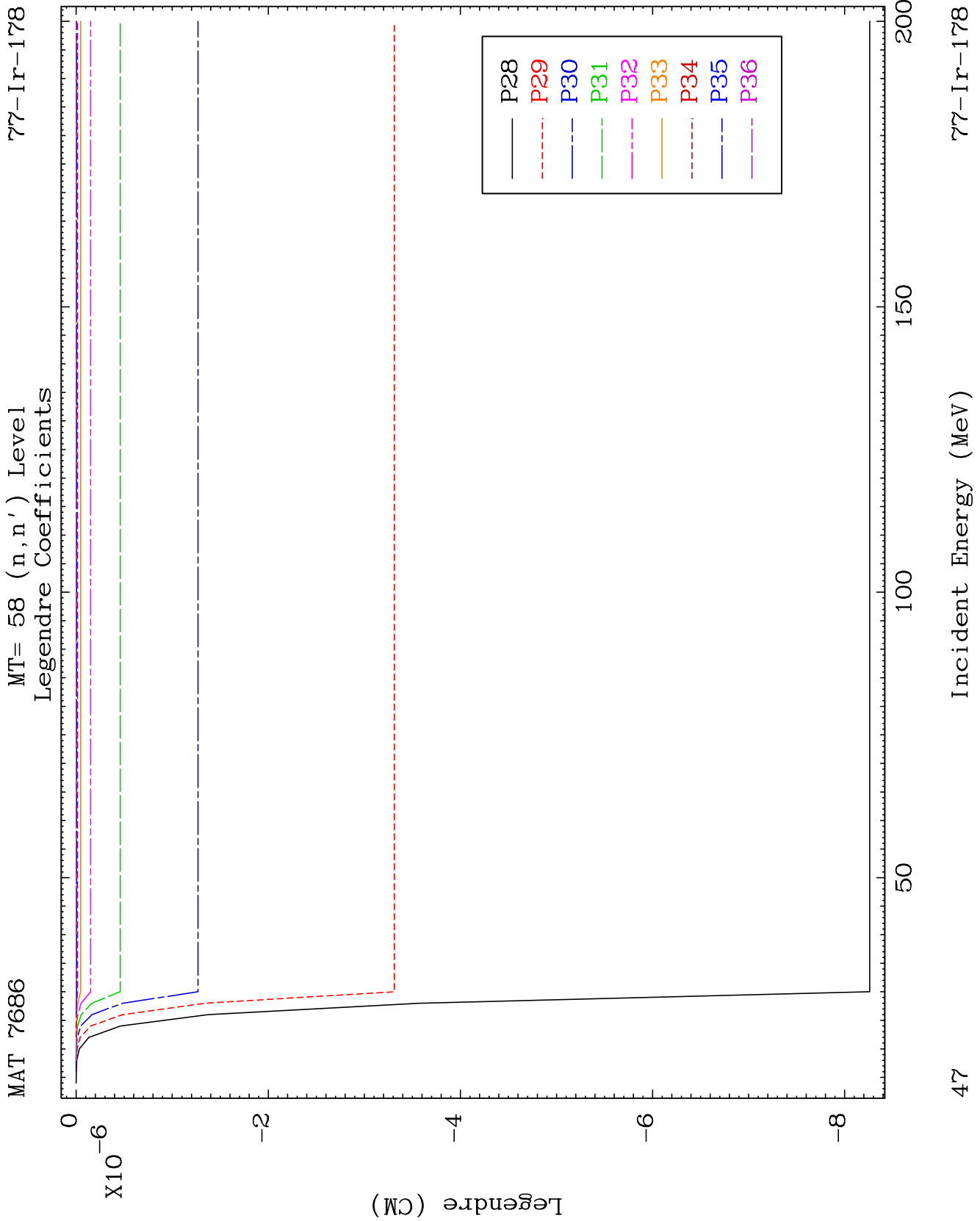


77-Ir-178

Incident Energy (MeV)

45

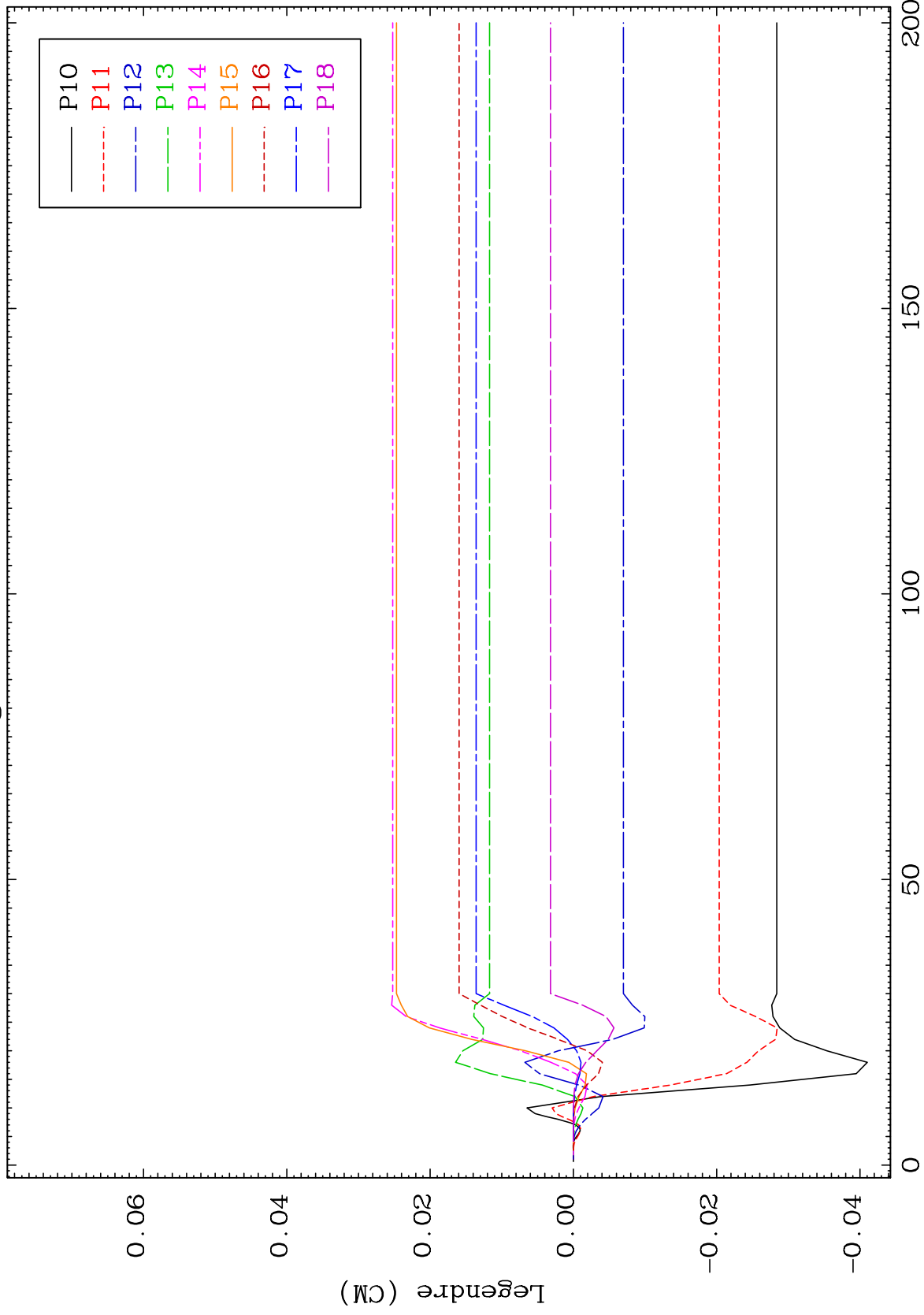




MAT 7686

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

77-Ir-178



49

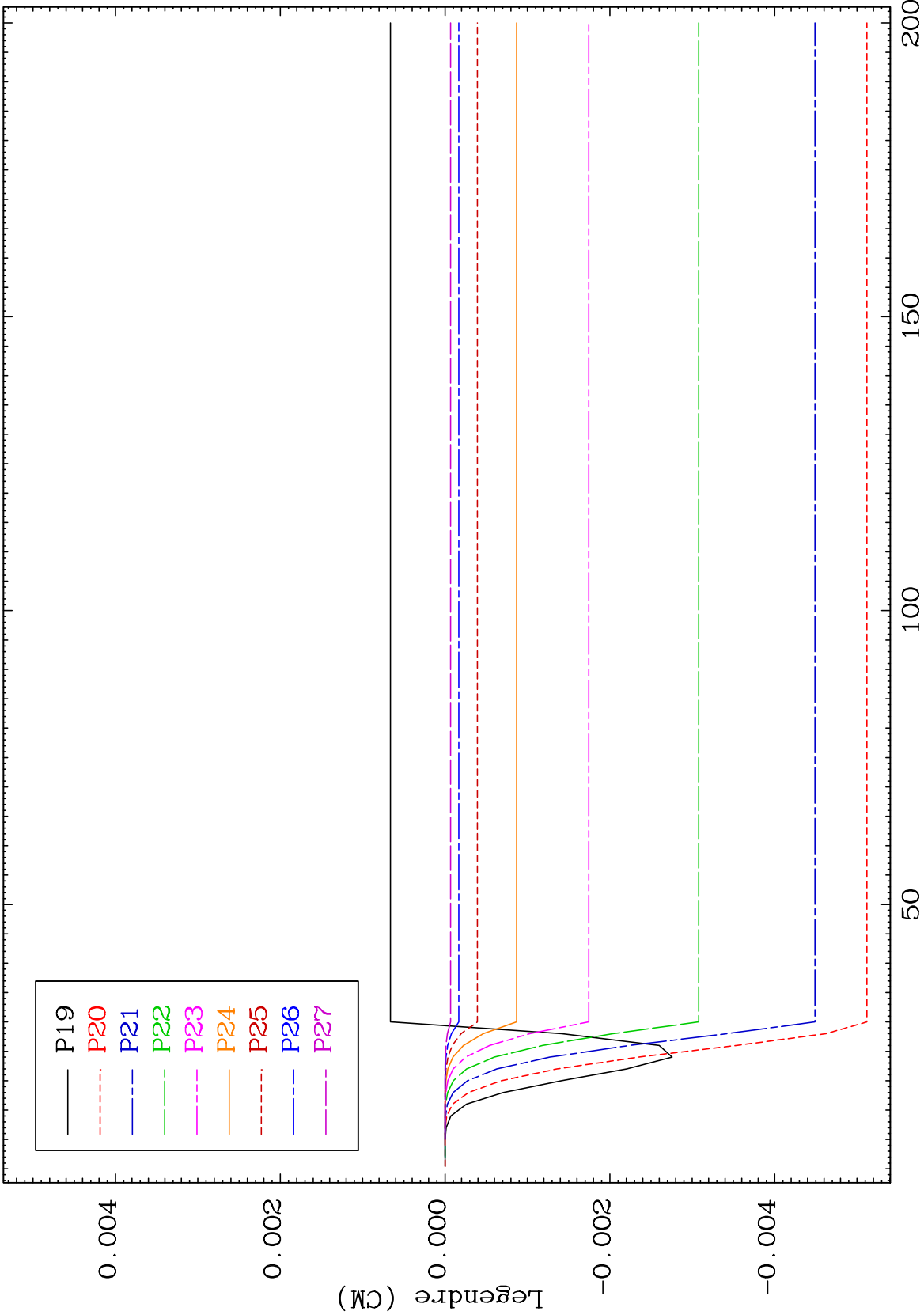
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

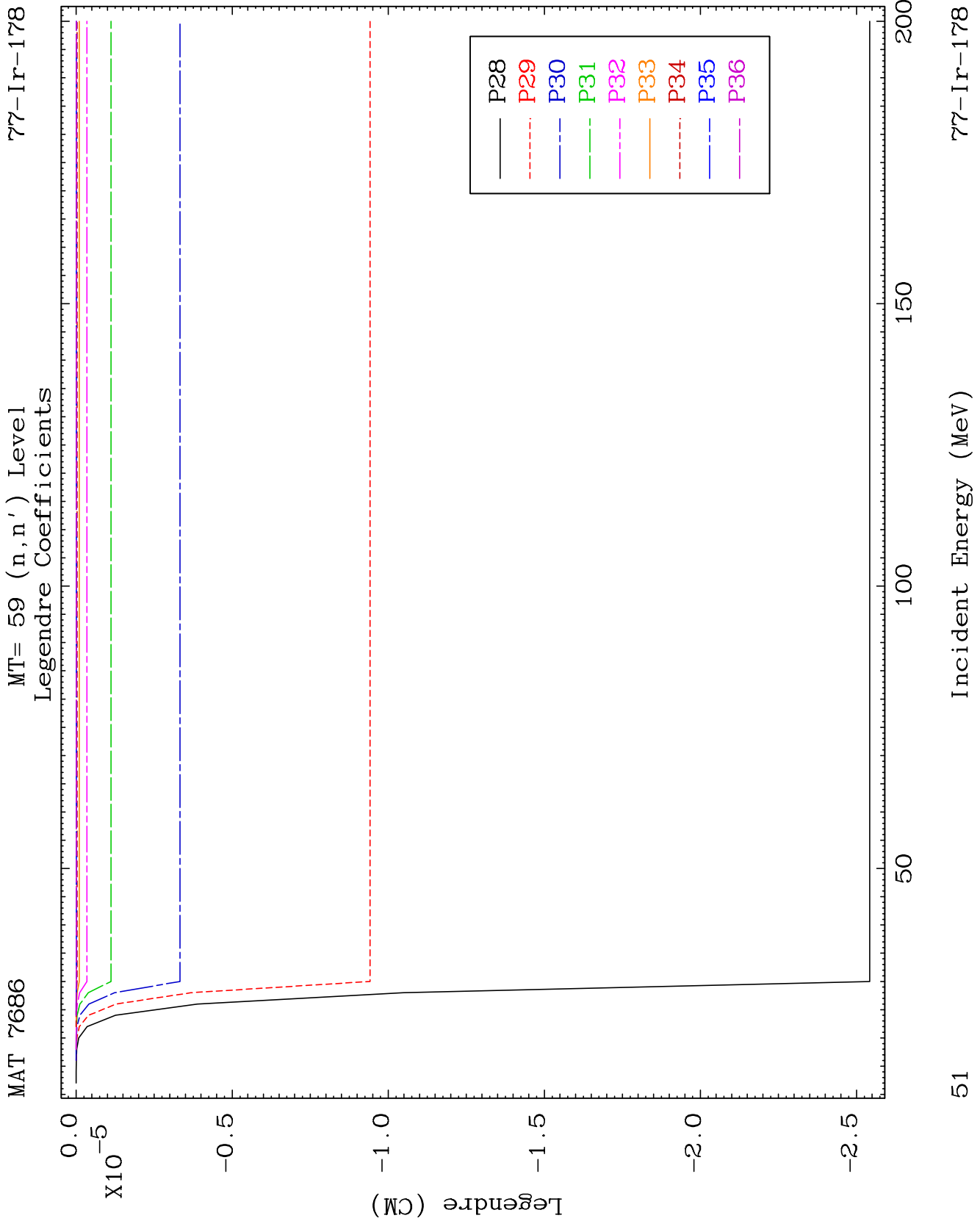
77-Ir-178

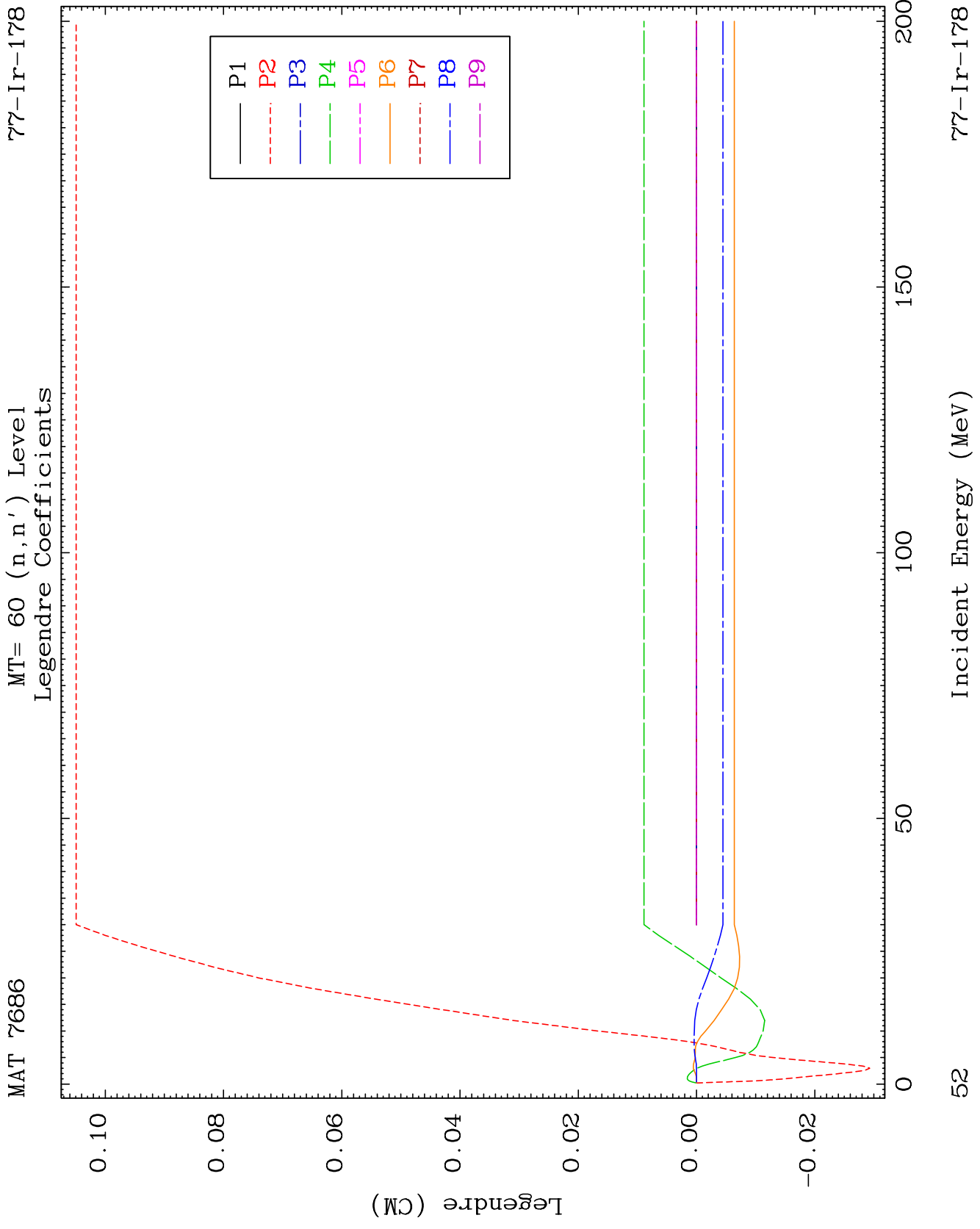


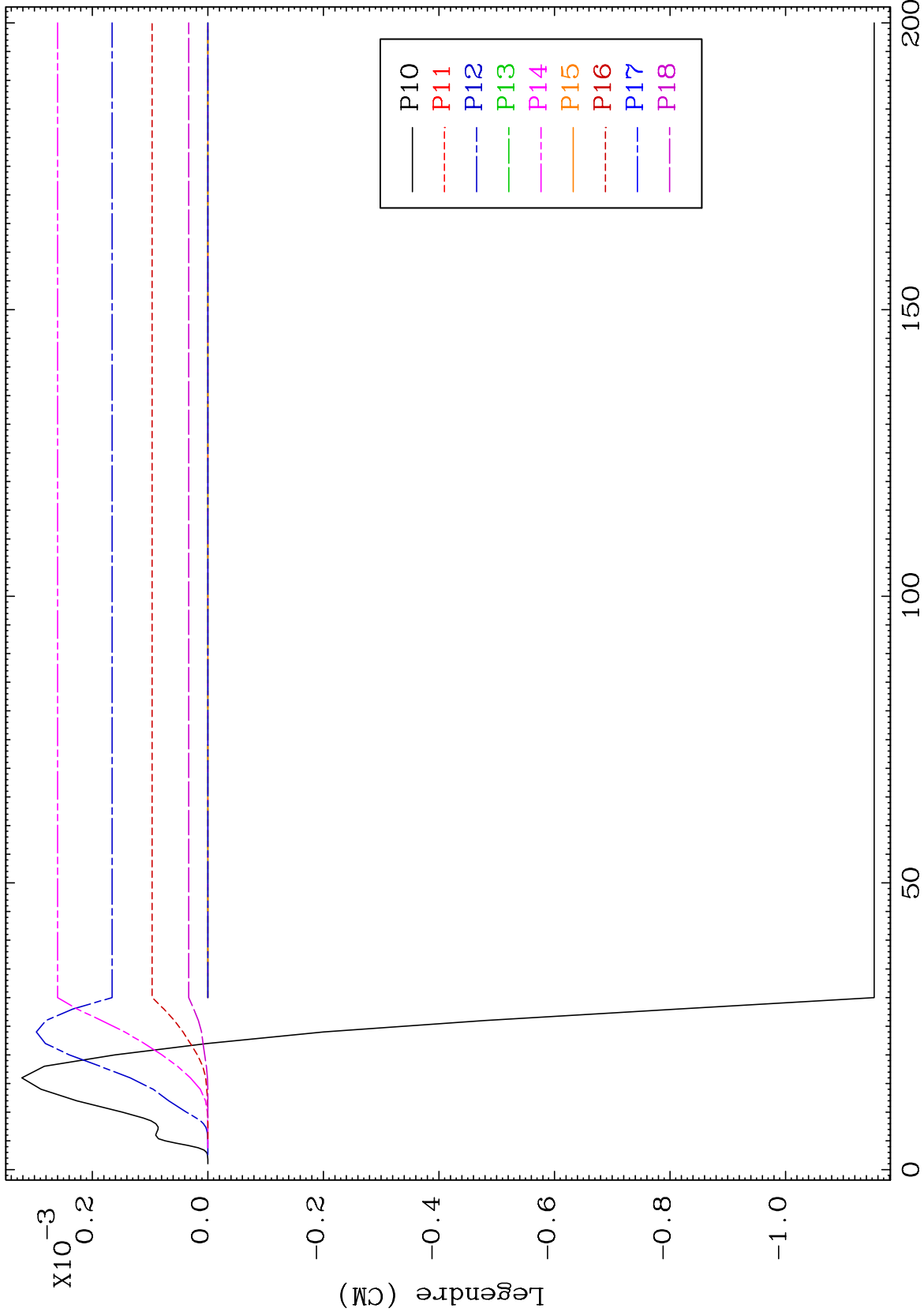
50

Incident Energy (MeV)

77-Ir-178



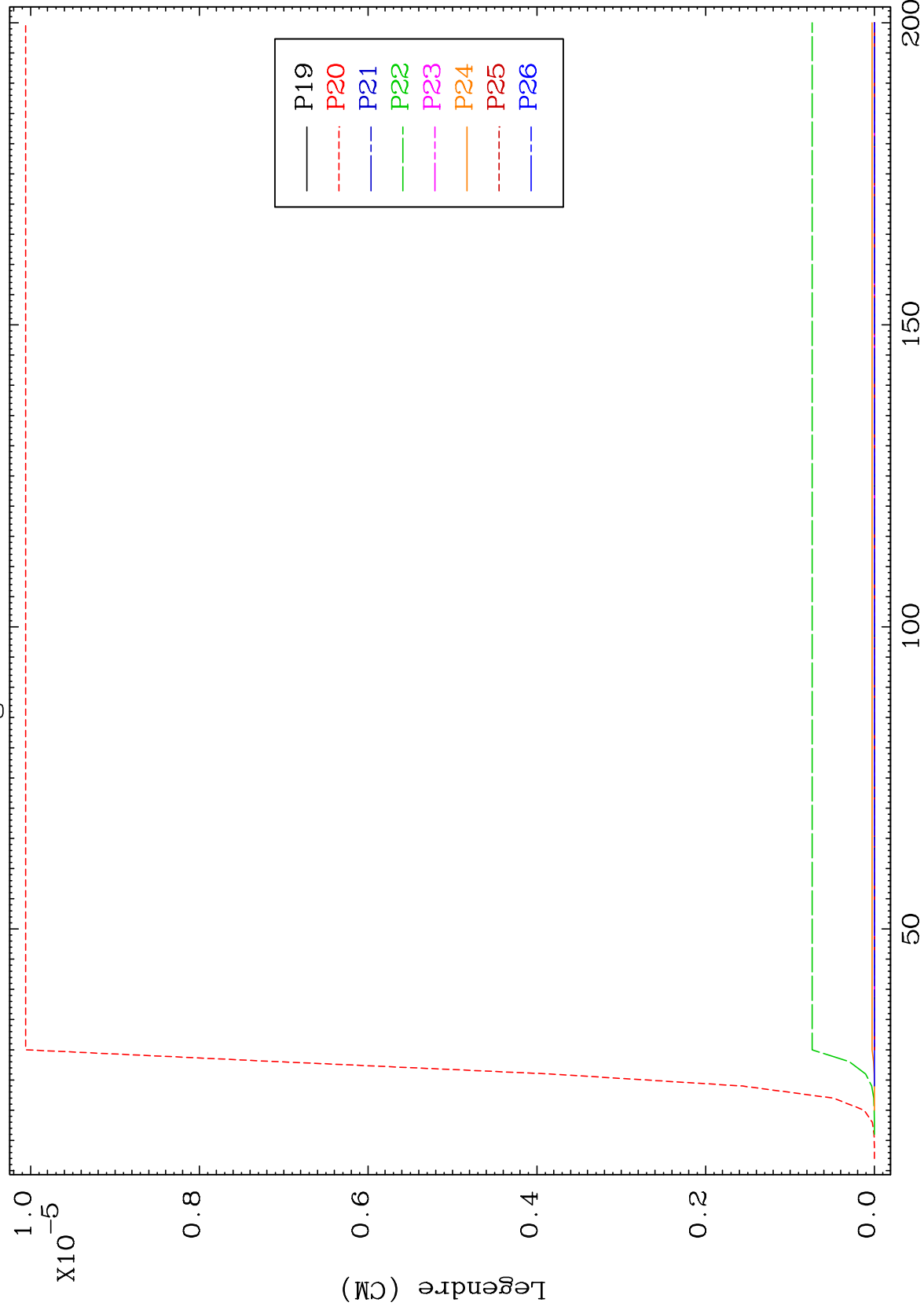




MAT 7686

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

77-Ir-178



77-Ir-178

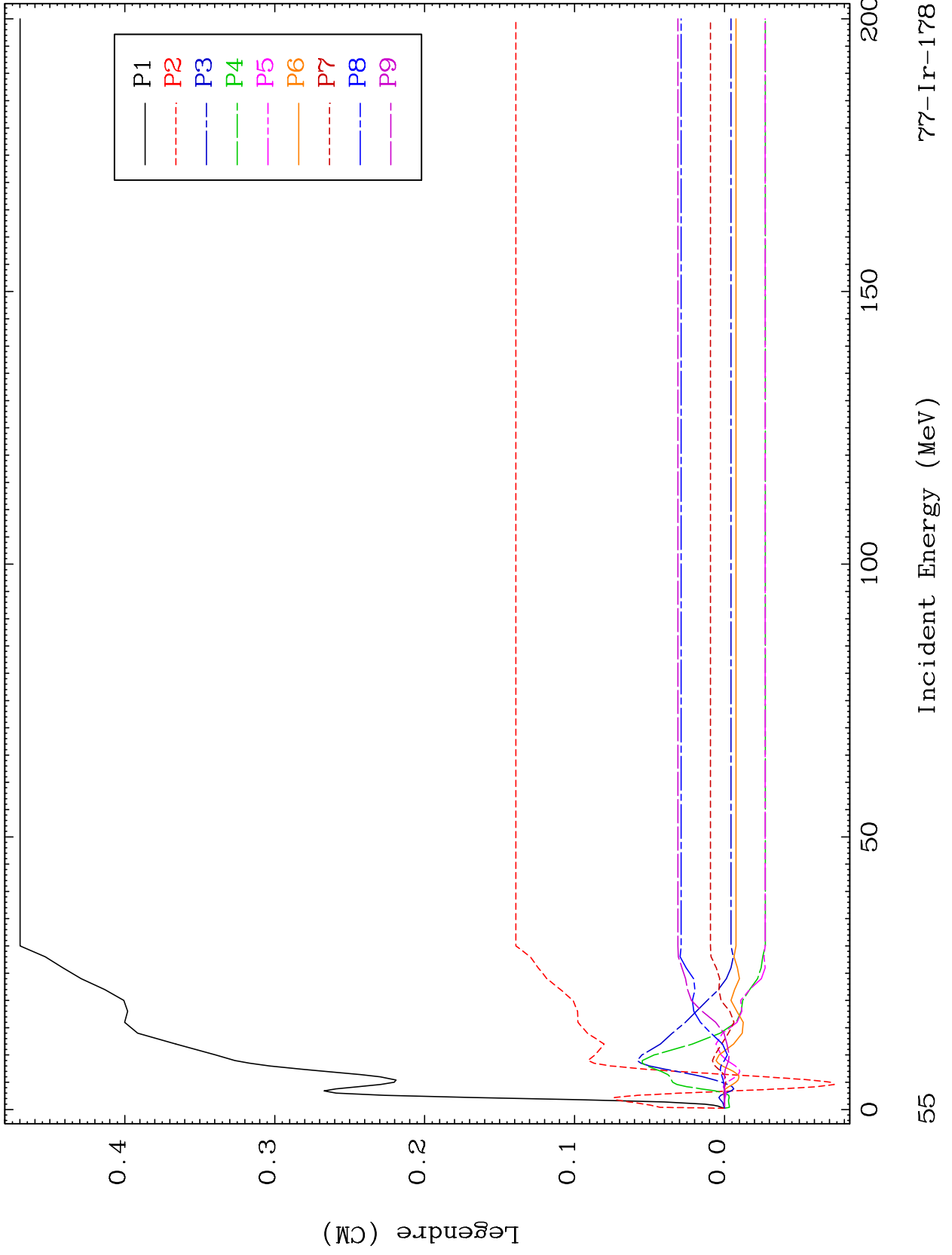
Incident Energy (MeV)

54

MAT 7686

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

77-Ir-178



77-Ir-178

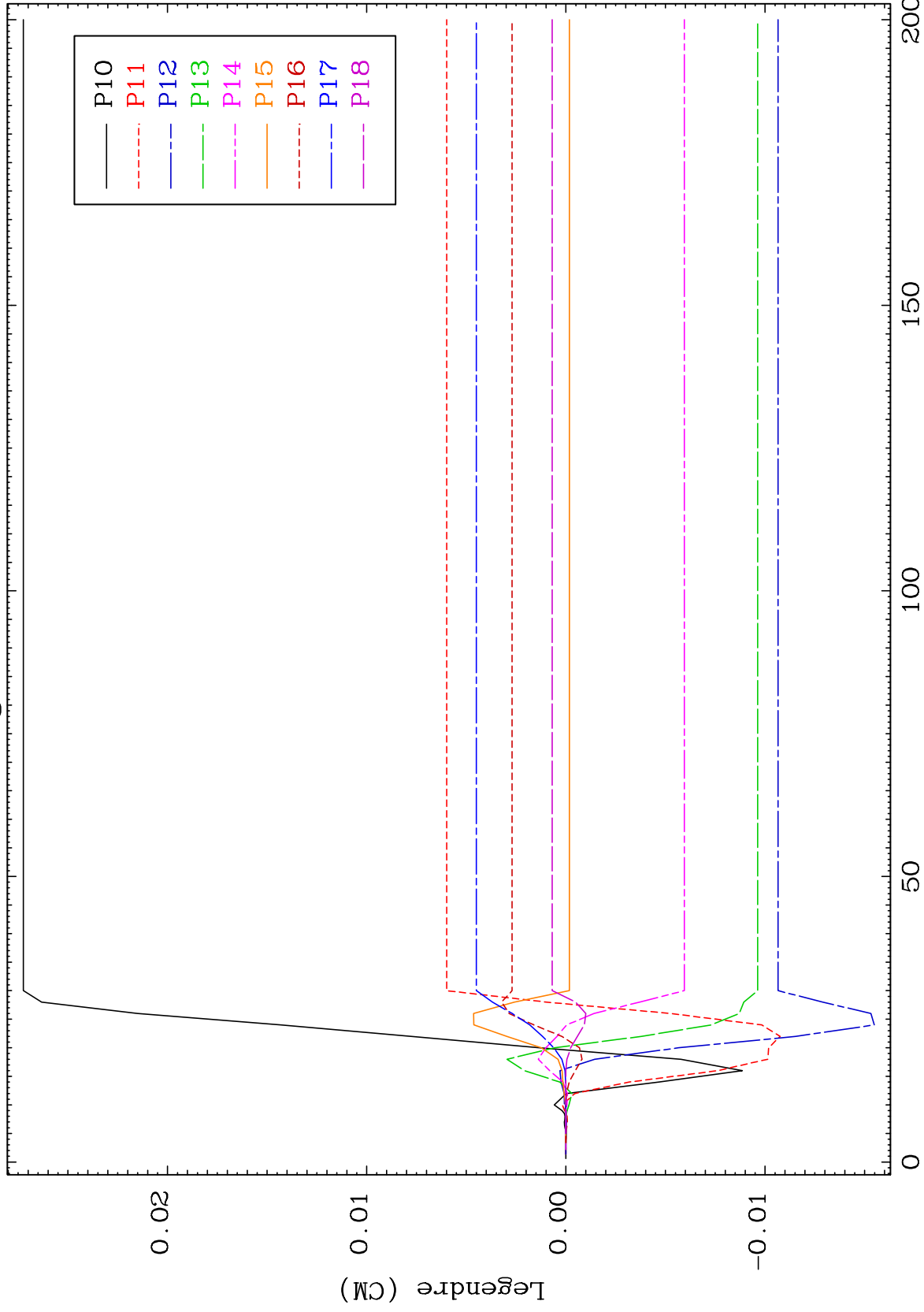
Incident Energy (MeV)

55

MAT 7686

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

77-Ir-178



56

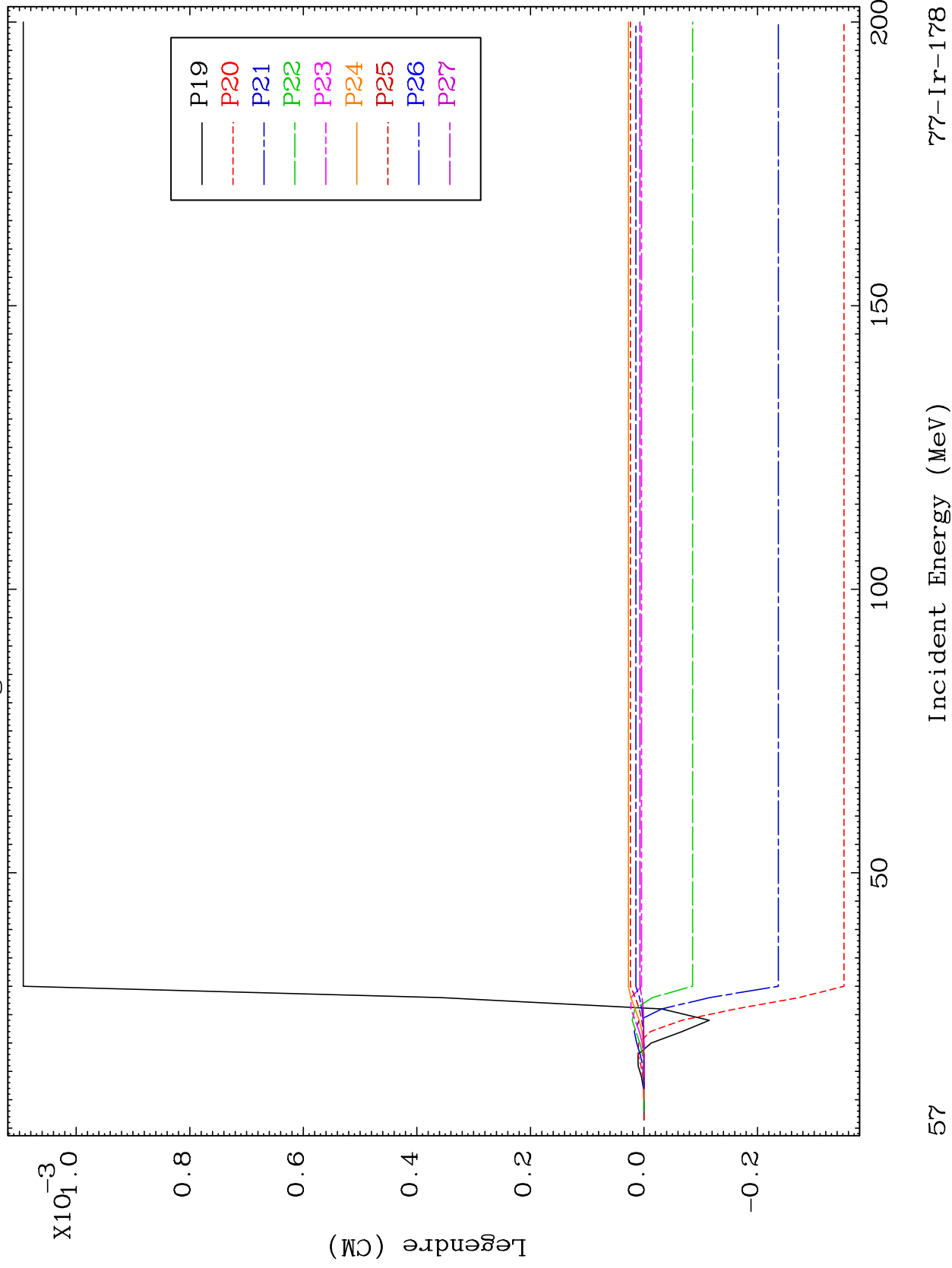
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



57

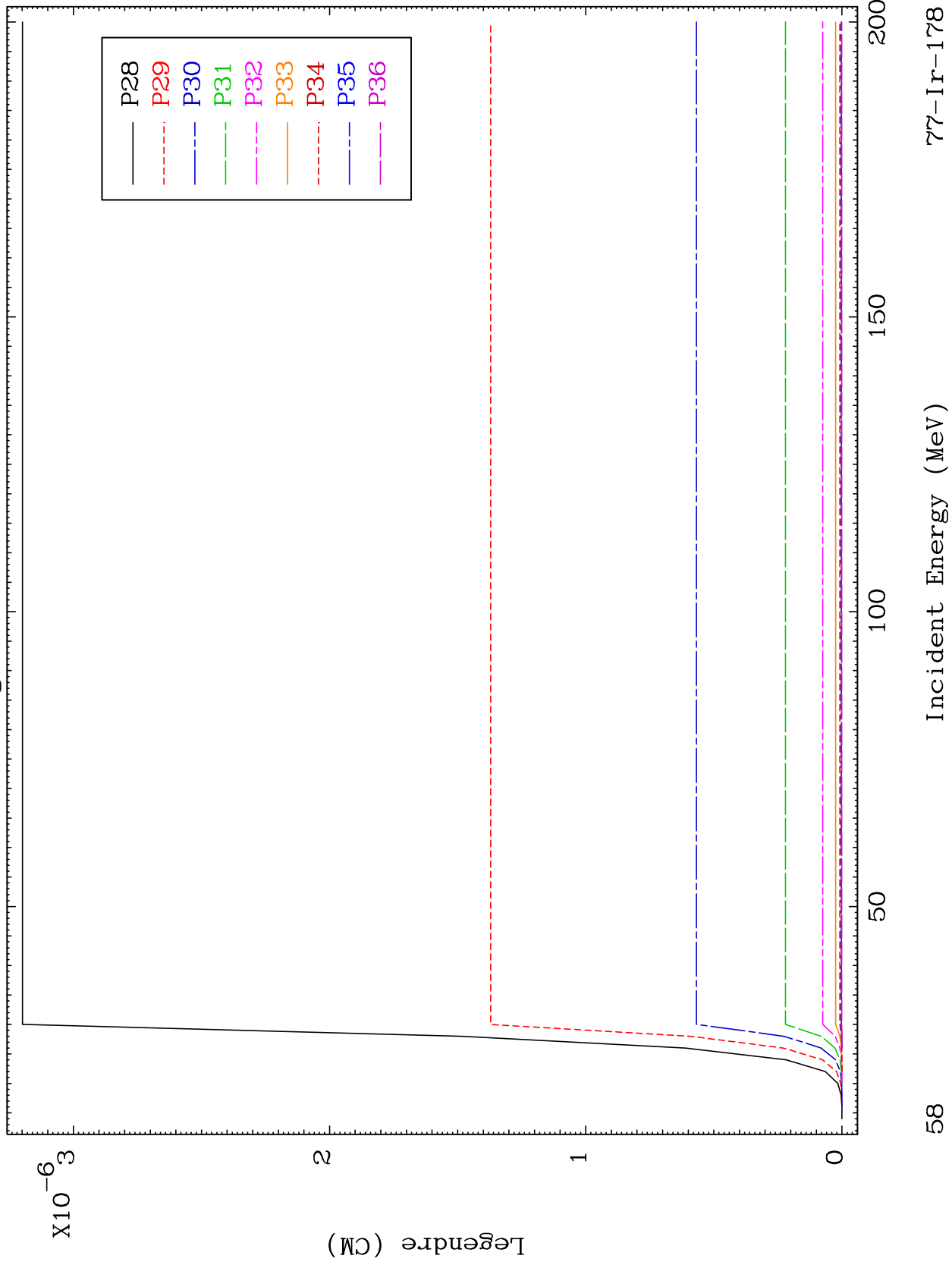
Incident Energy (MeV)

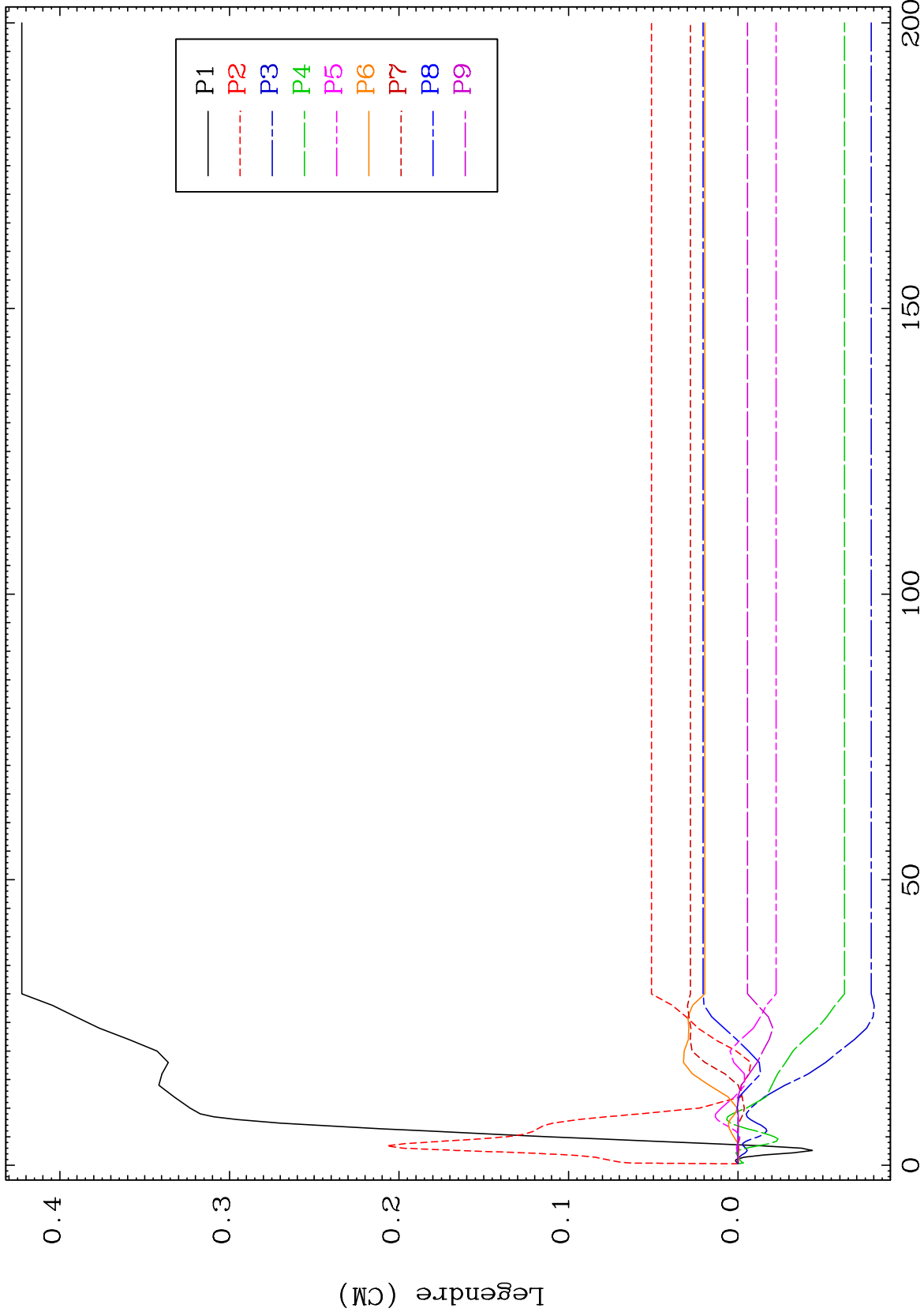
77-Ir-178

MAT 7686

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

77-Ir-178

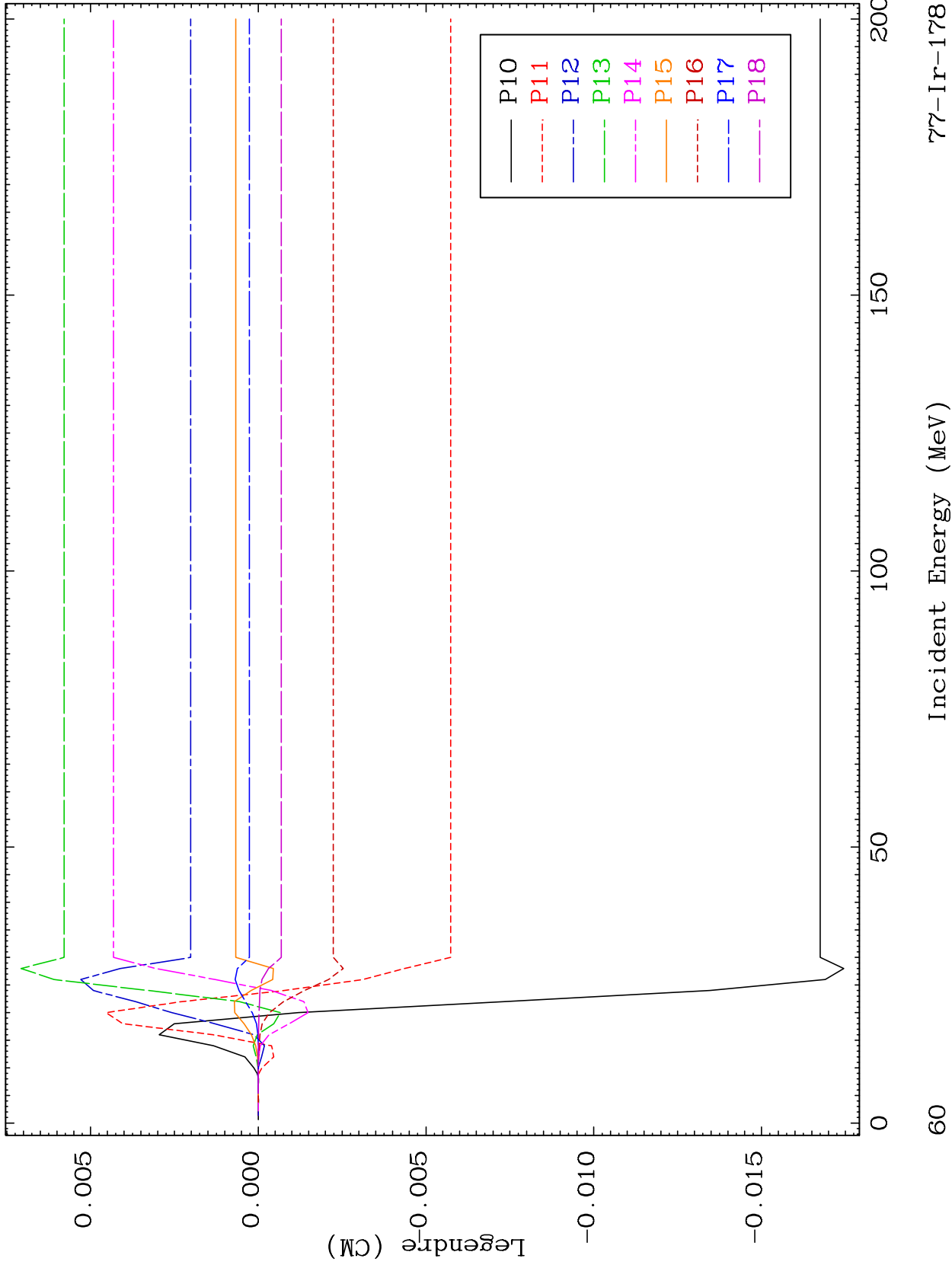




MAT 7686

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

77-Ir-178



77-Ir-178

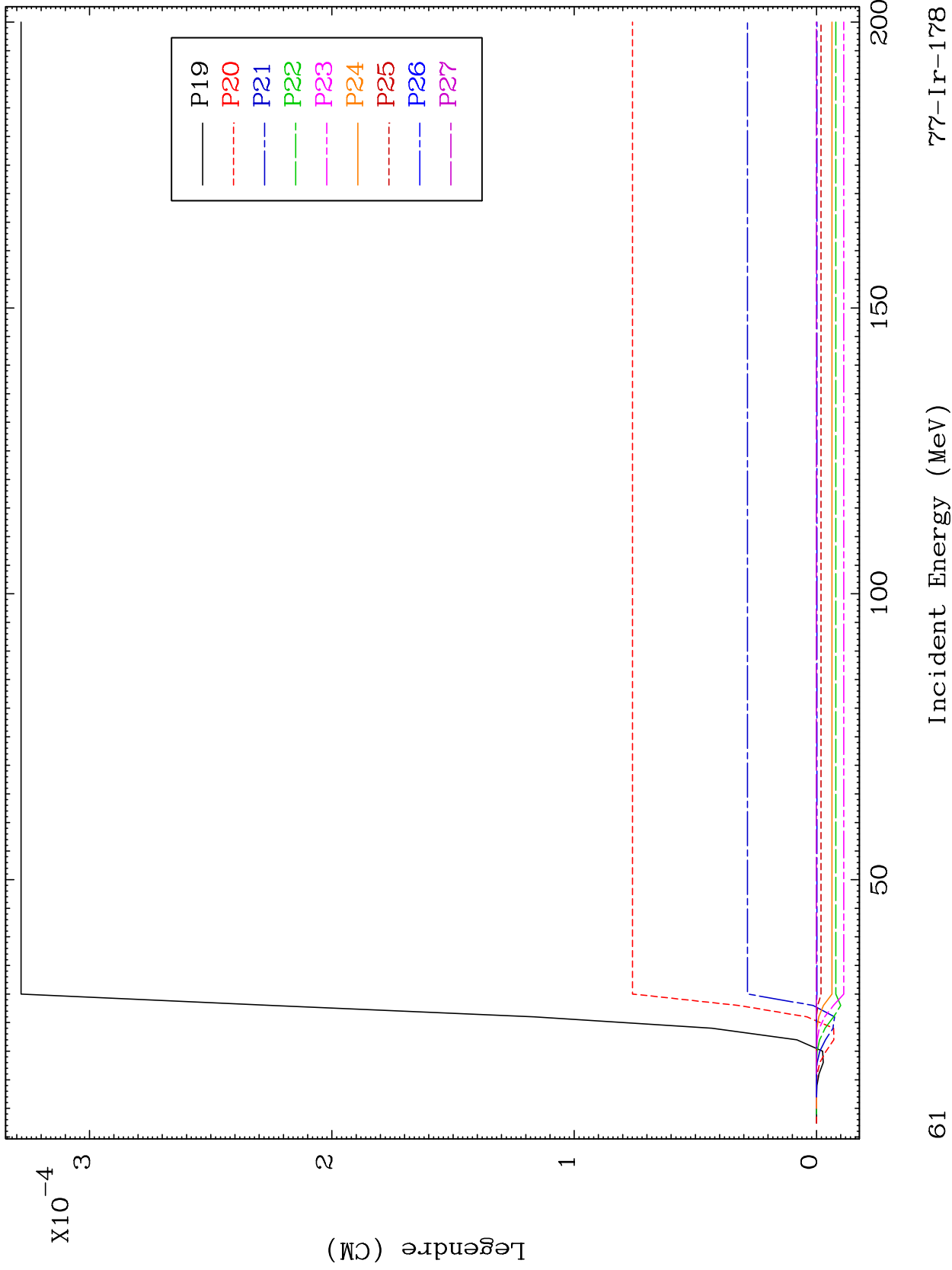
Incident Energy (MeV)

60

MAT 7686

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

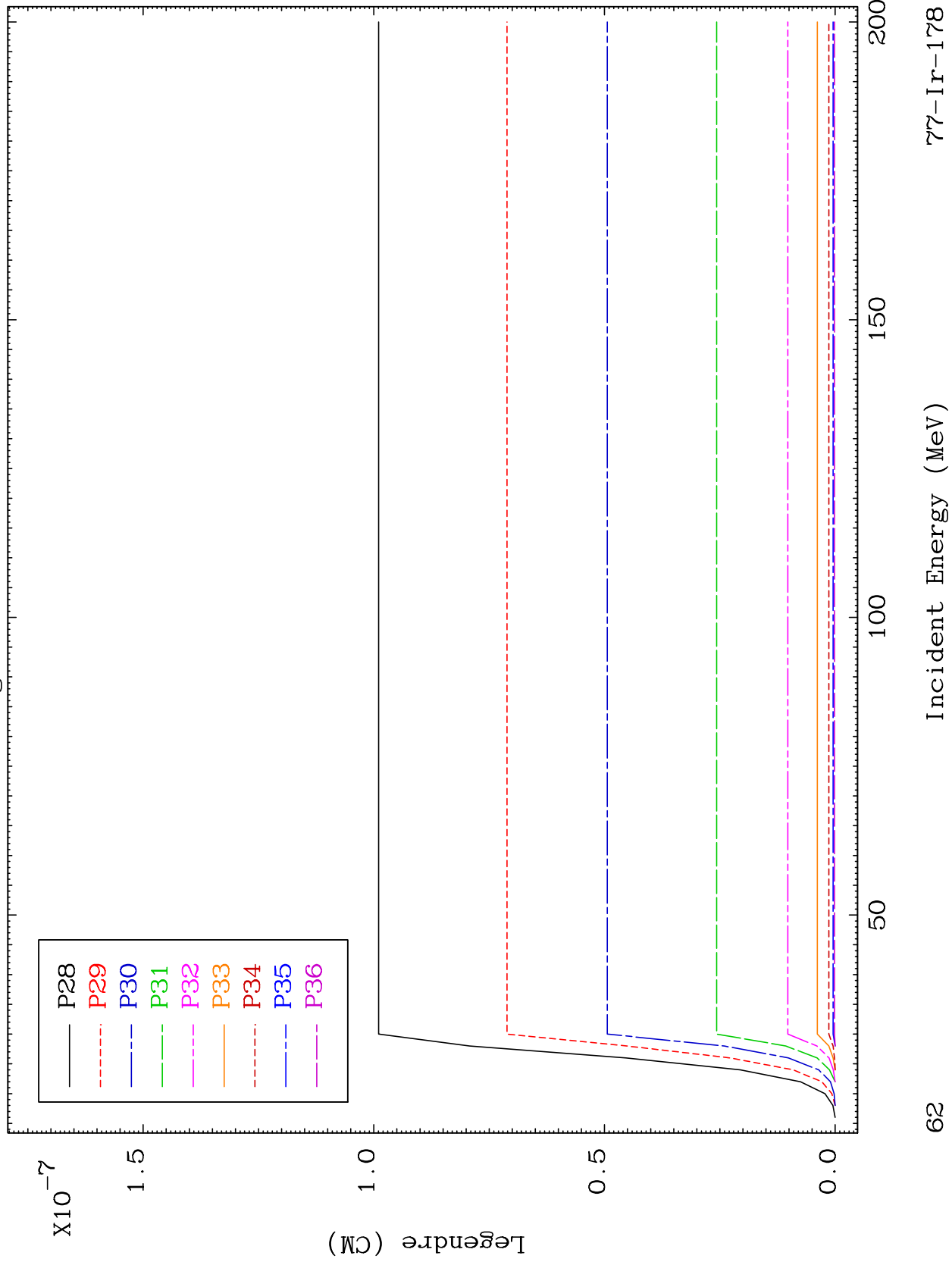
77-Ir-178



MAT 7686

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

77-Ir-178



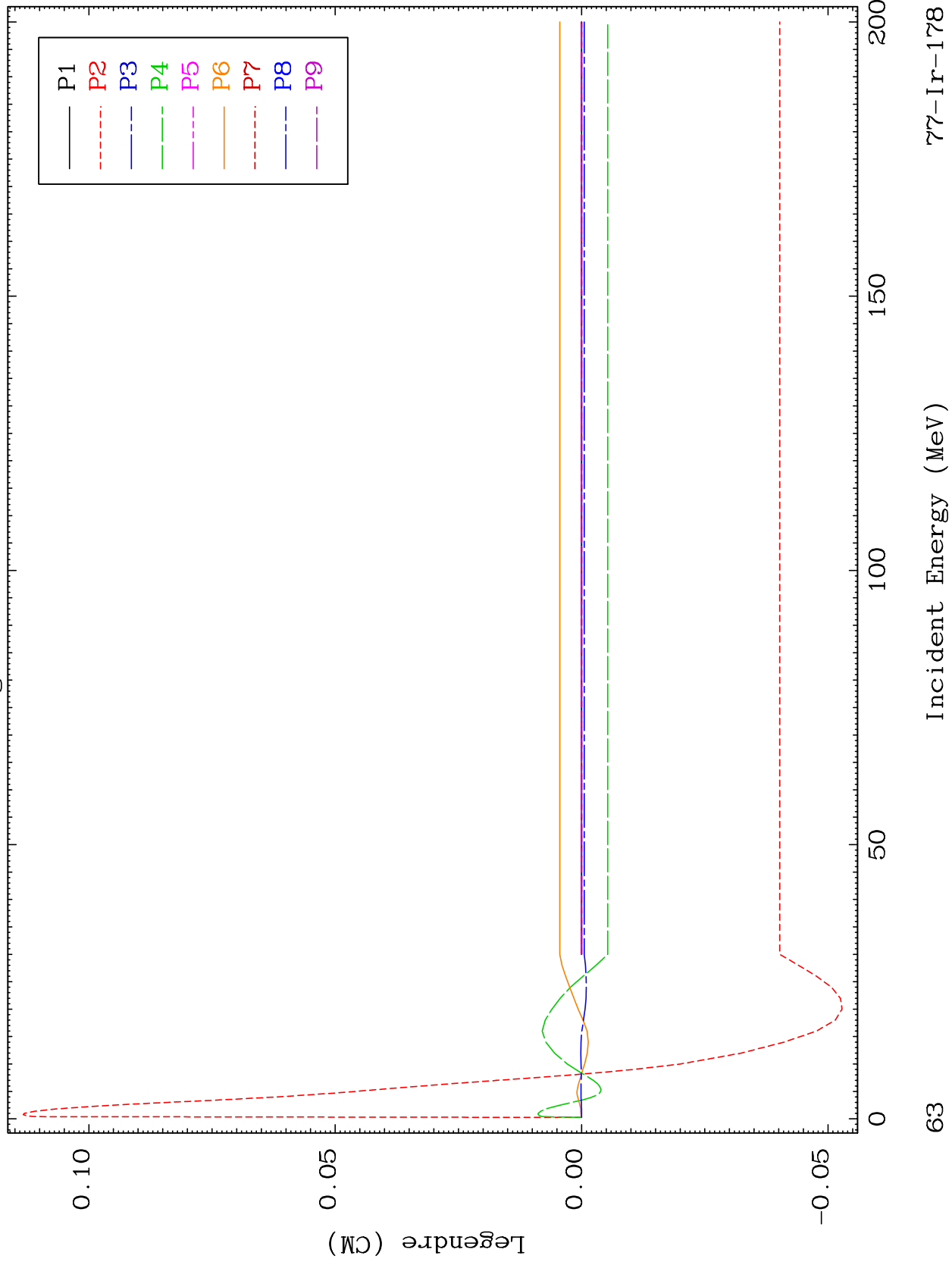
62

77-Ir-178

MAT 7686

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

⁷⁷Ir-178



⁷⁷Ir-178

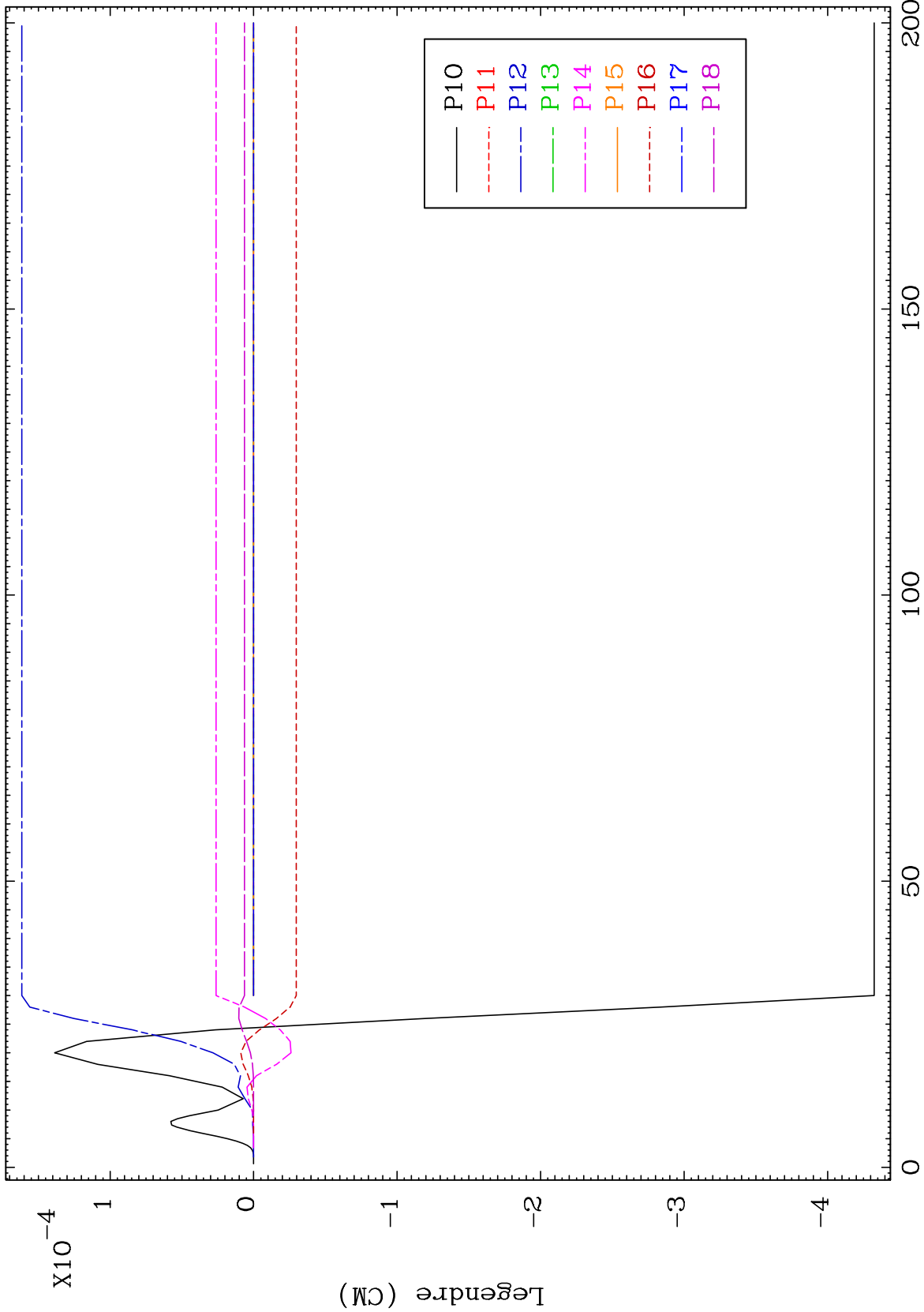
Incident Energy (MeV)

63

MAT 7686

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

77-Ir-178



64

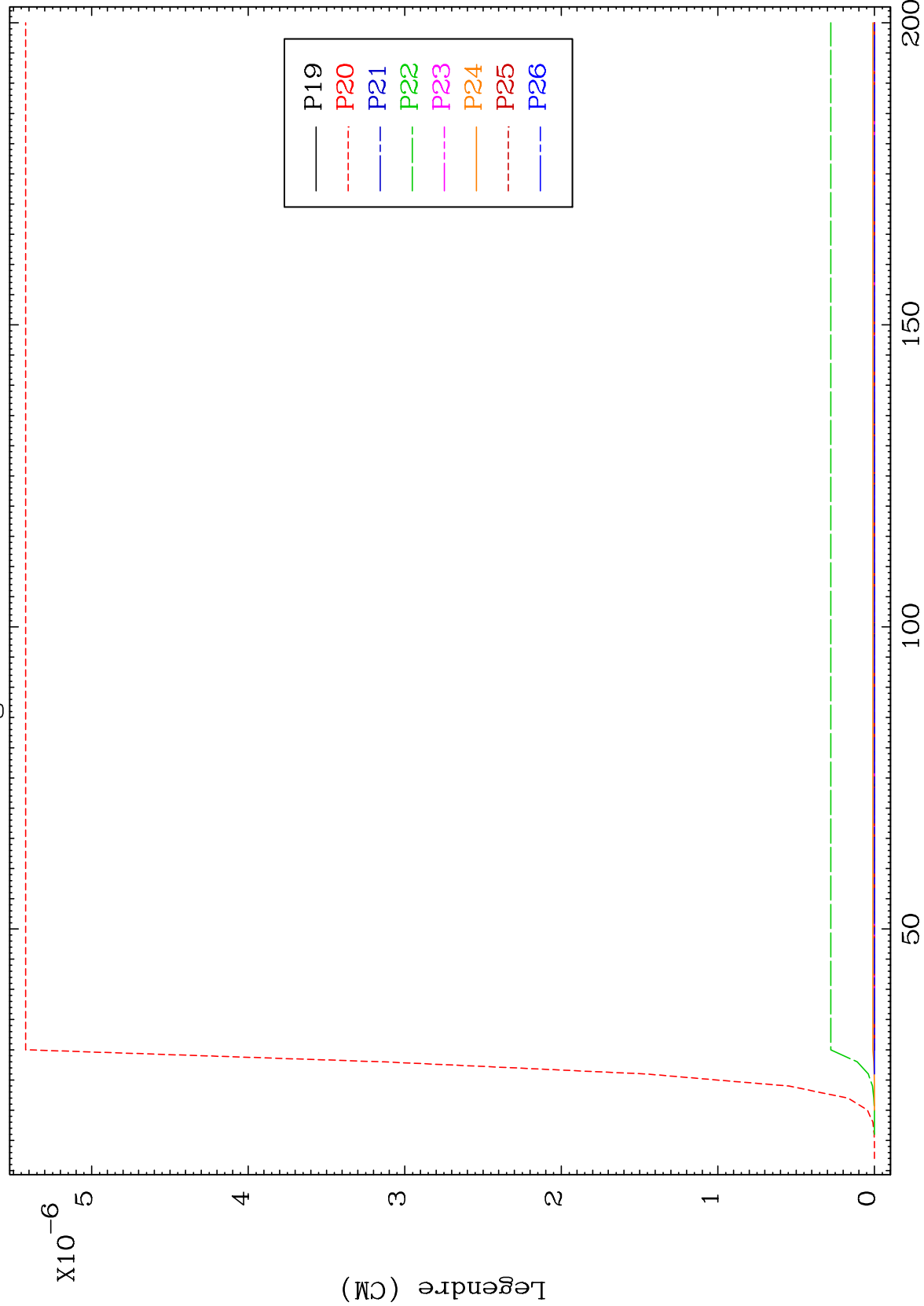
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



65

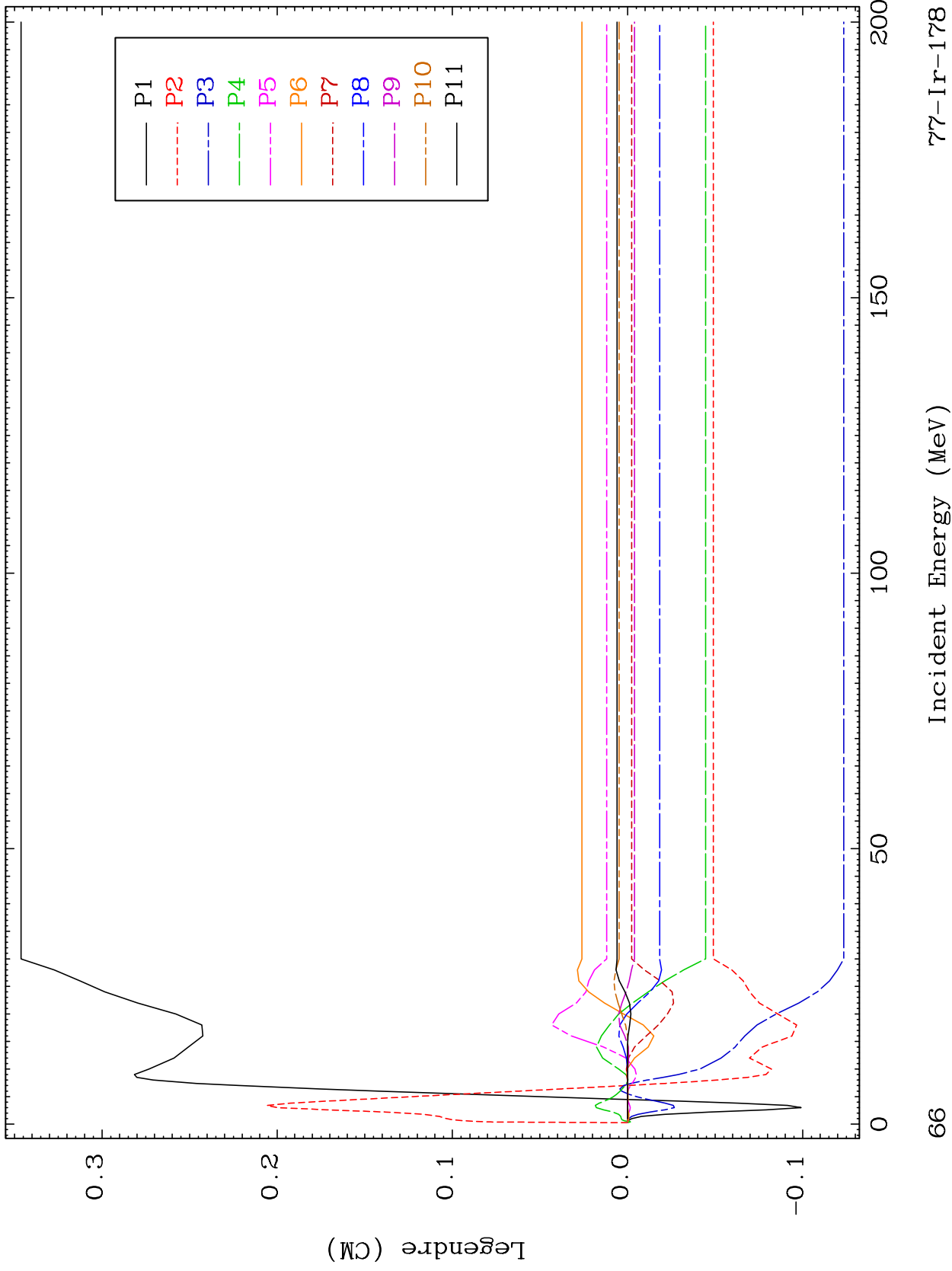
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

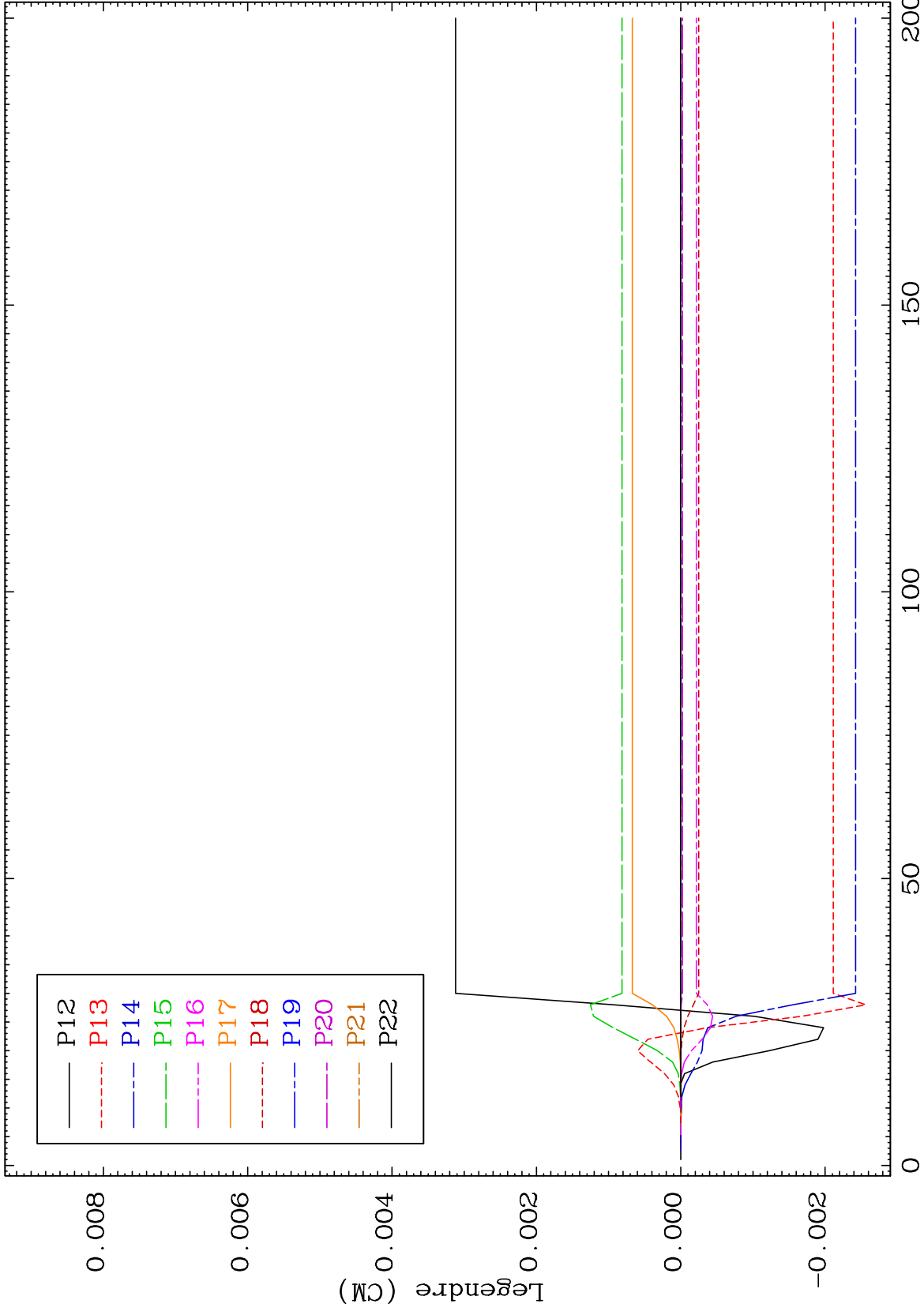
⁷⁷Ir-178



MAT 7686

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

77-Ir-178



67

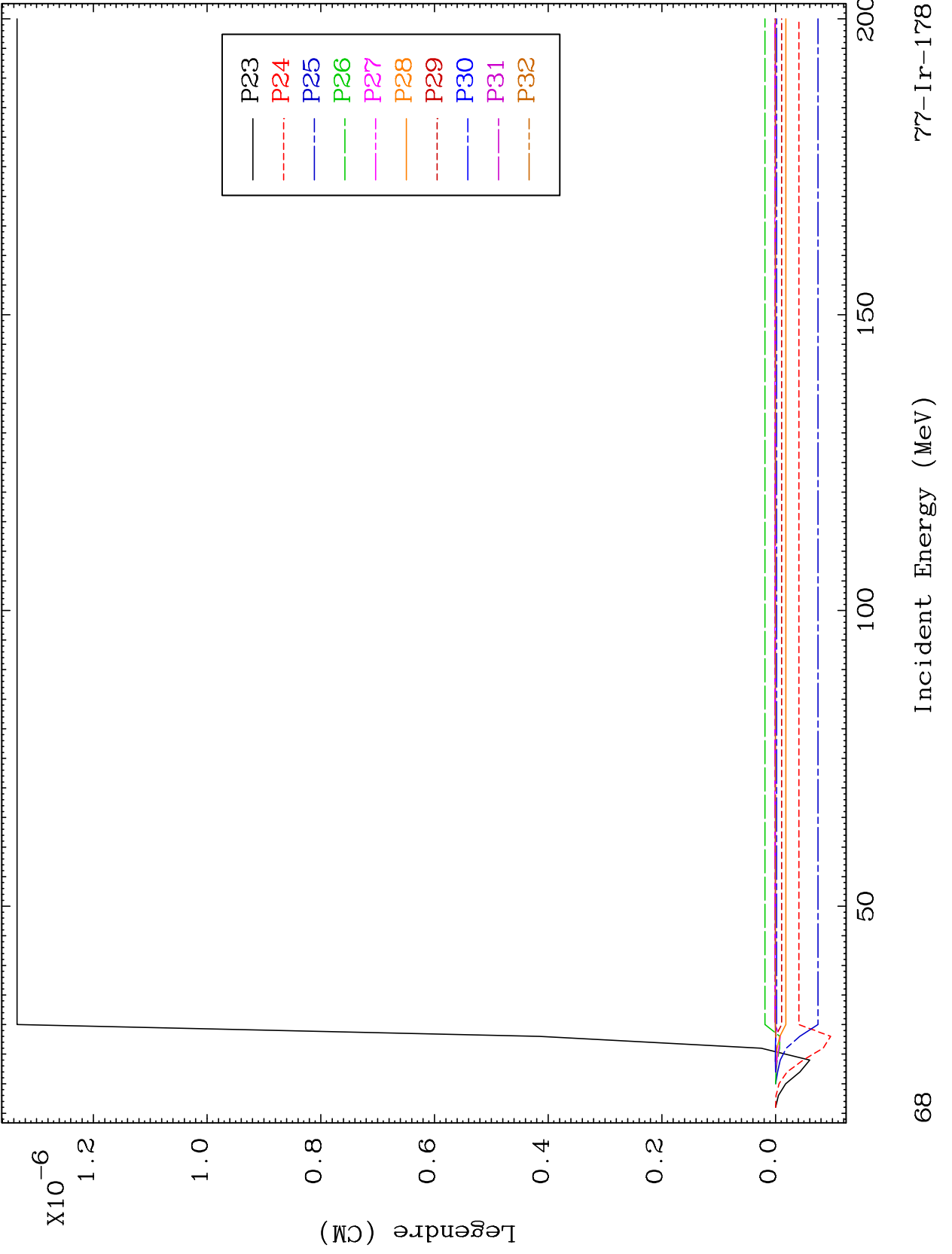
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

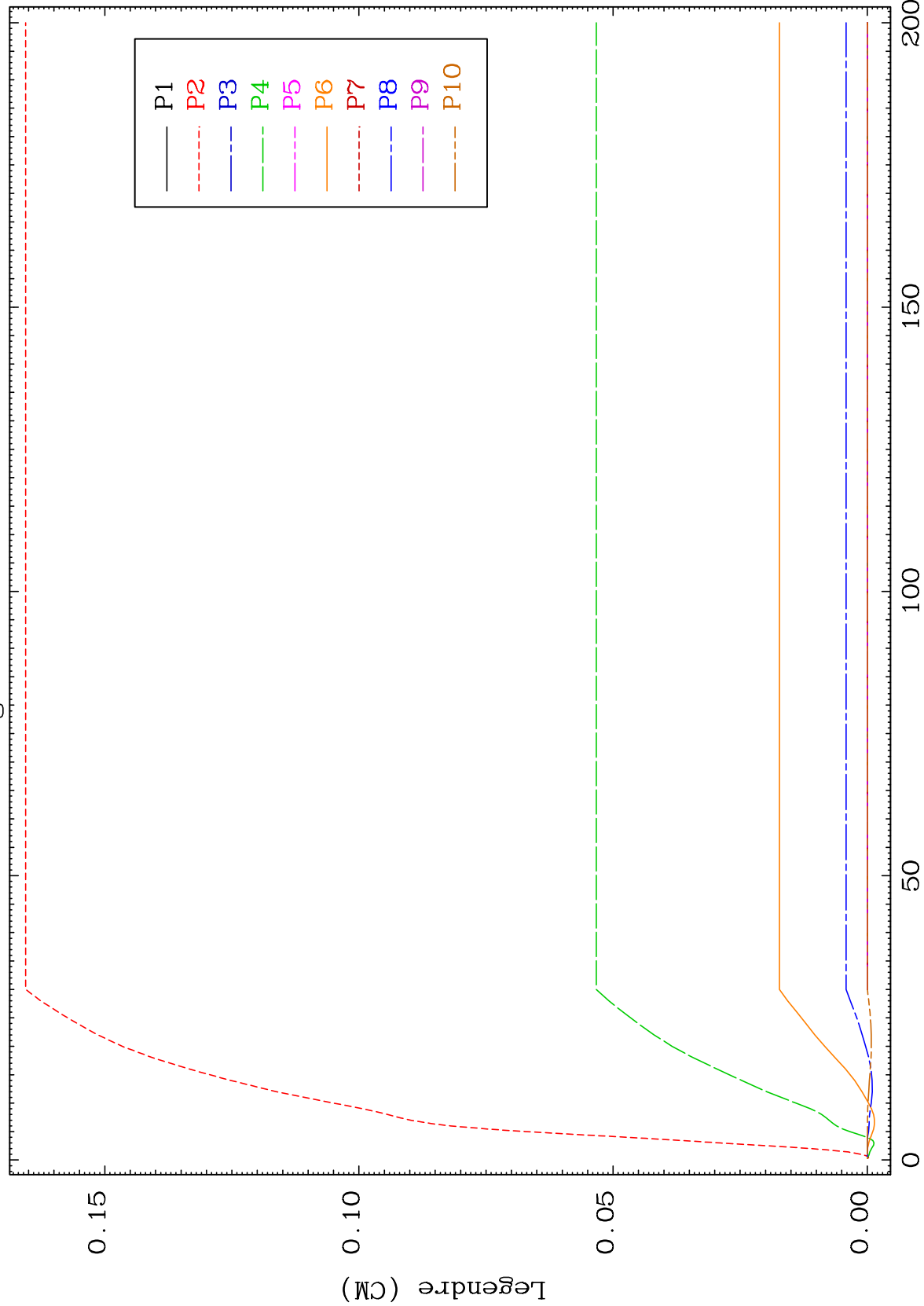
77-Ir-178



MAT 7686

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

77-Ir-178



69

Incident Energy (MeV)

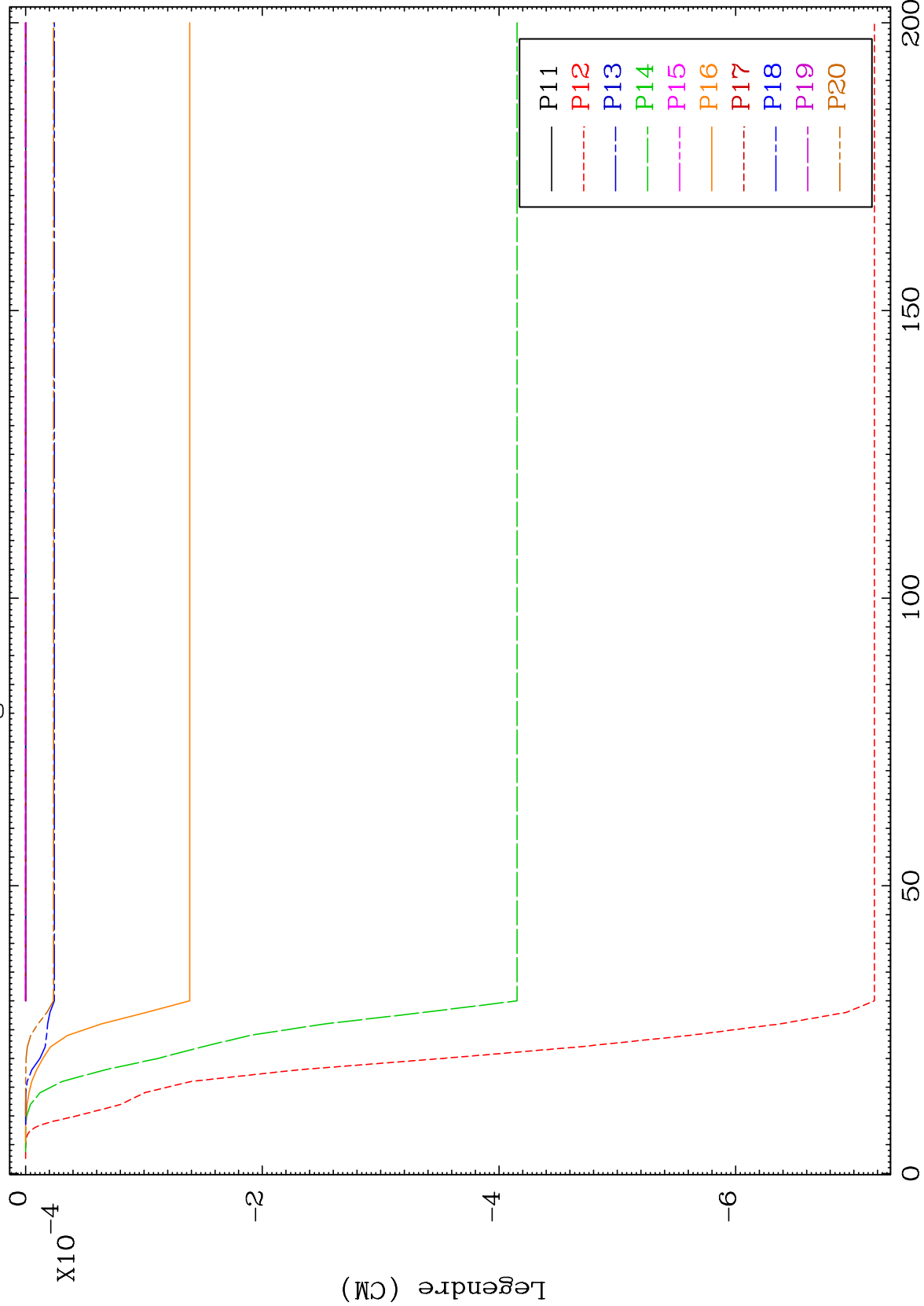
77-Ir-178

MAT 7686

MT= 65 (n,n') Level

77-Ir-178

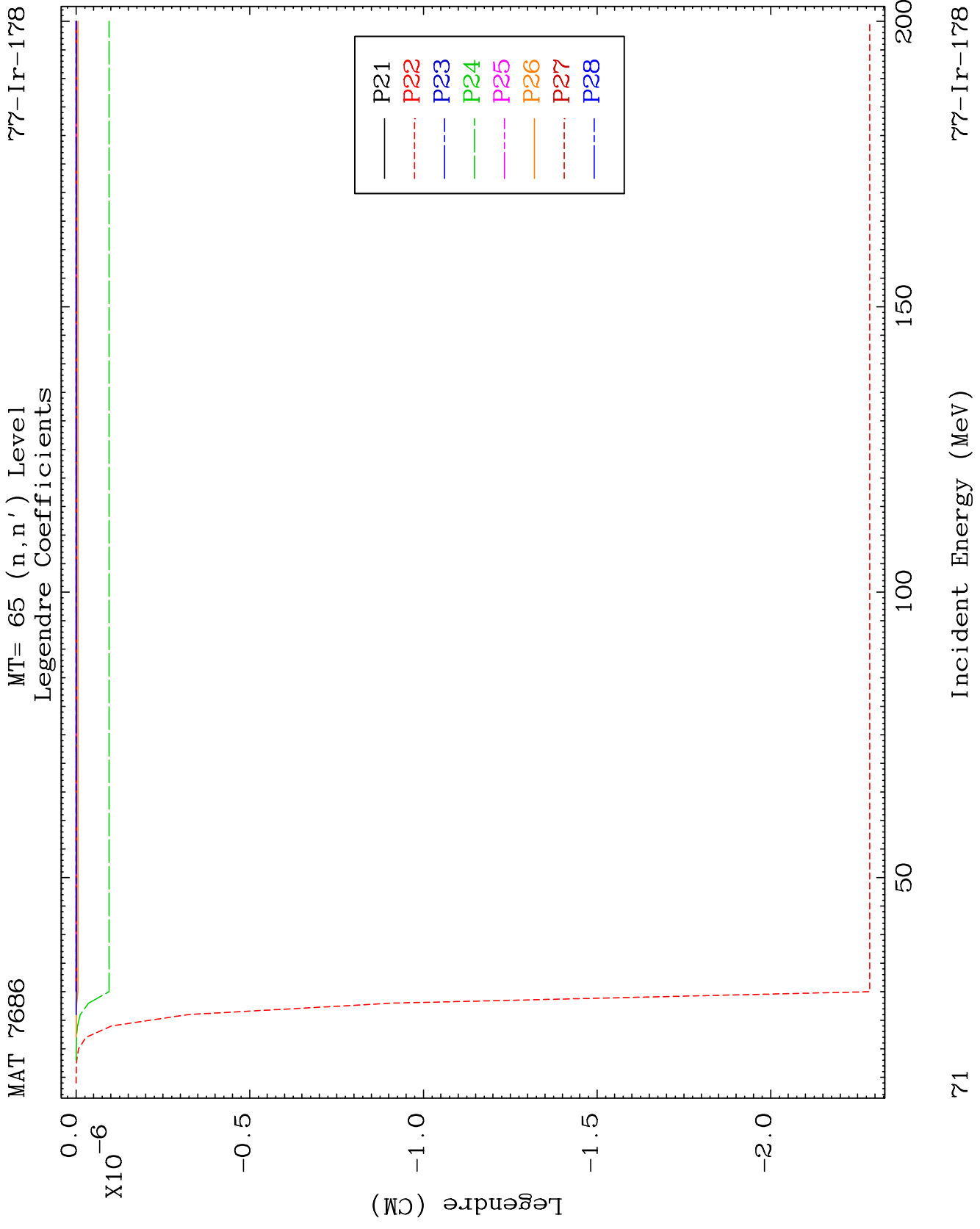
Legendre Coefficients



70

Incident Energy (MeV)

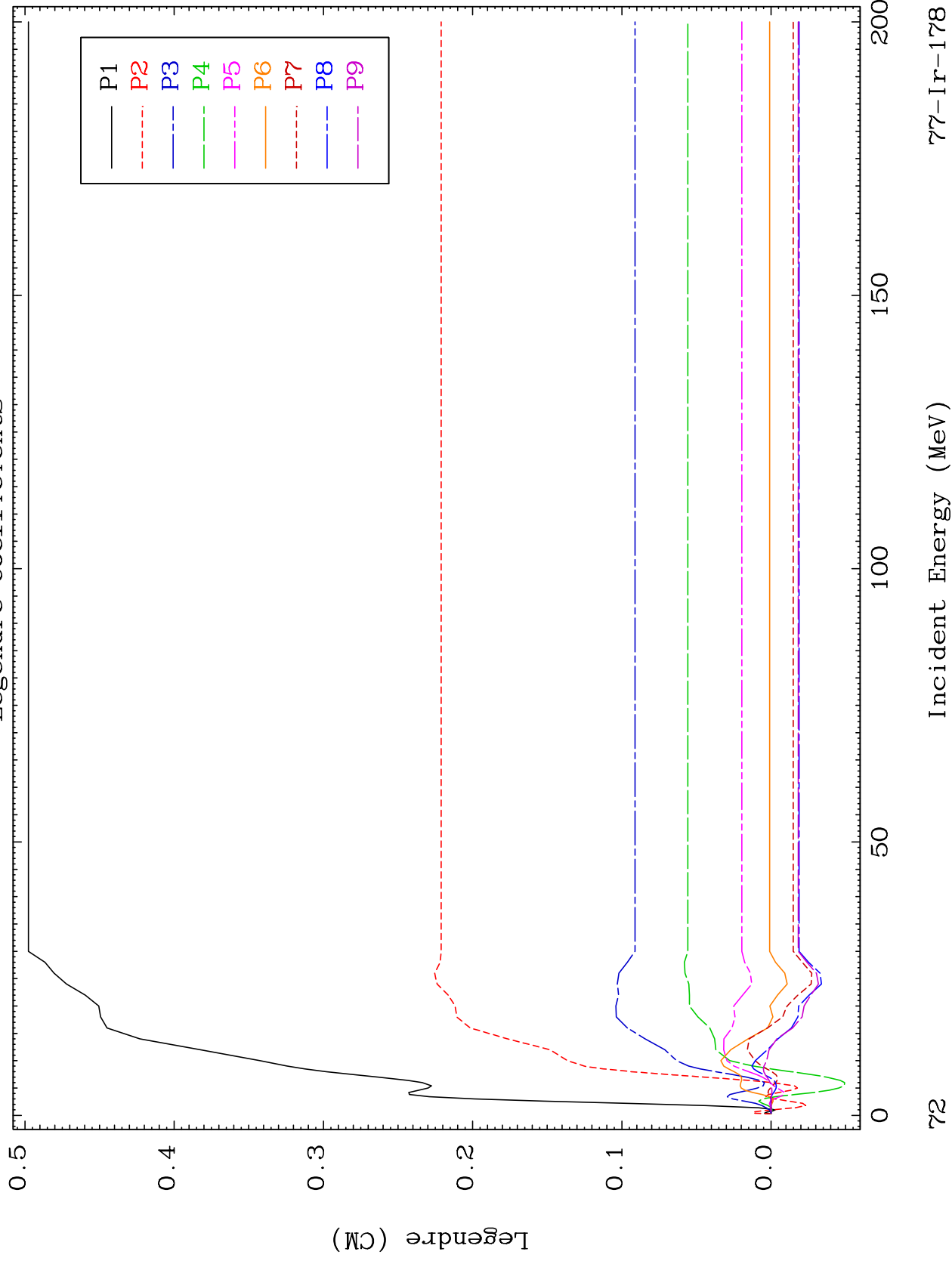
77-Ir-178



MAT 7686

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

⁷⁷Ir-178



⁷⁷Ir-178

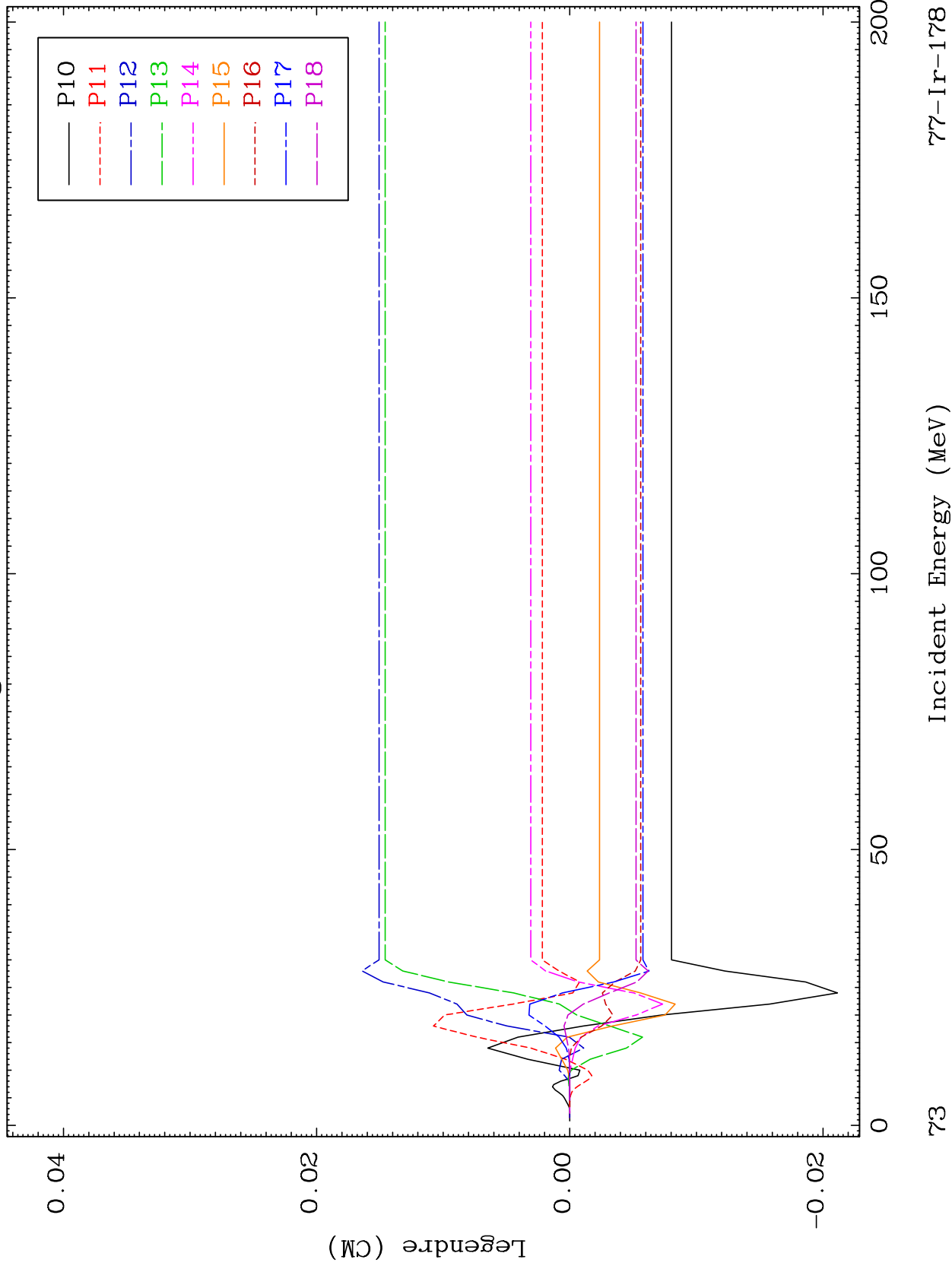
Incident Energy (MeV)

72

MAT 7686

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

77-Ir-178

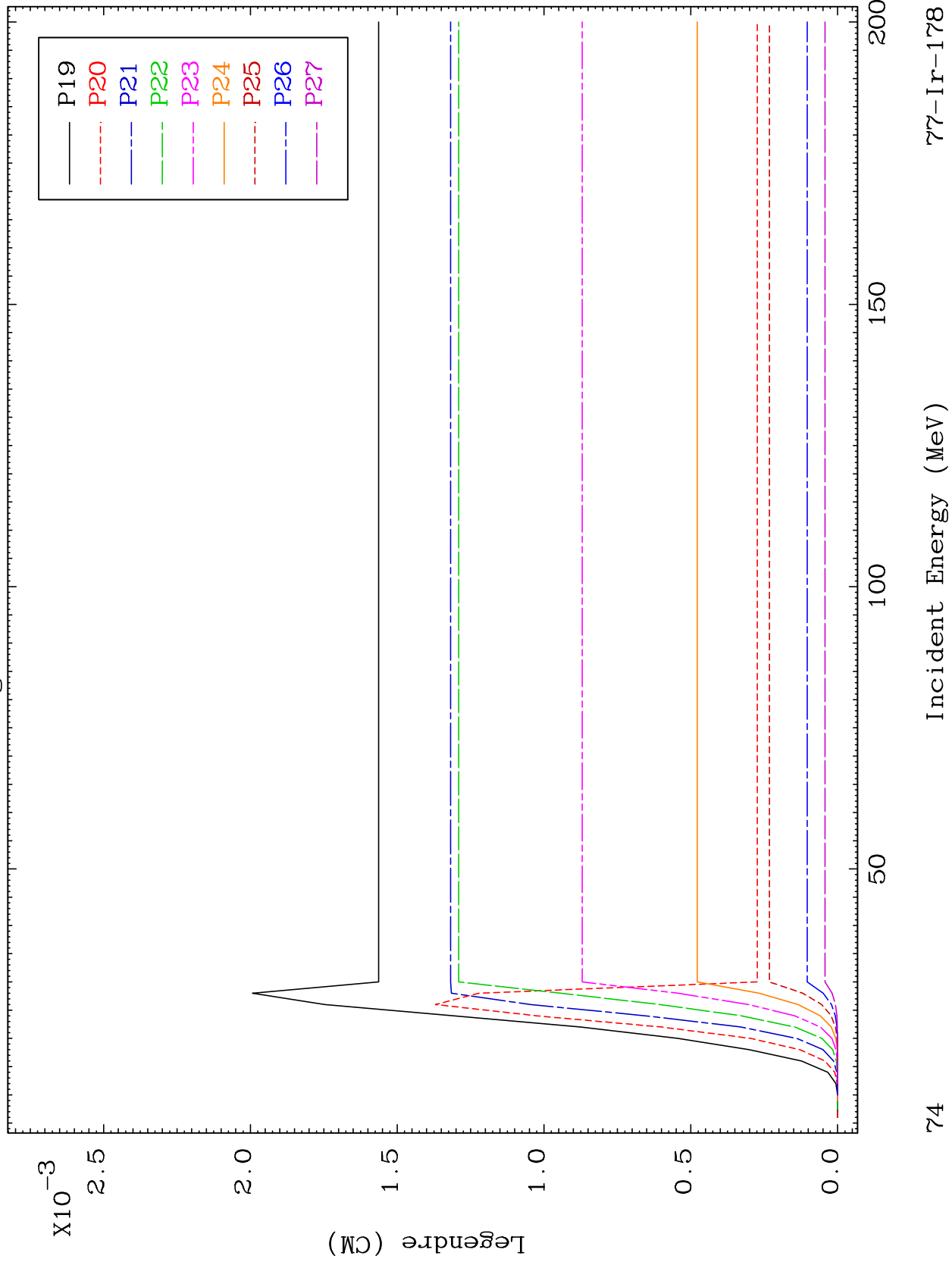


73

MAT 7686

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

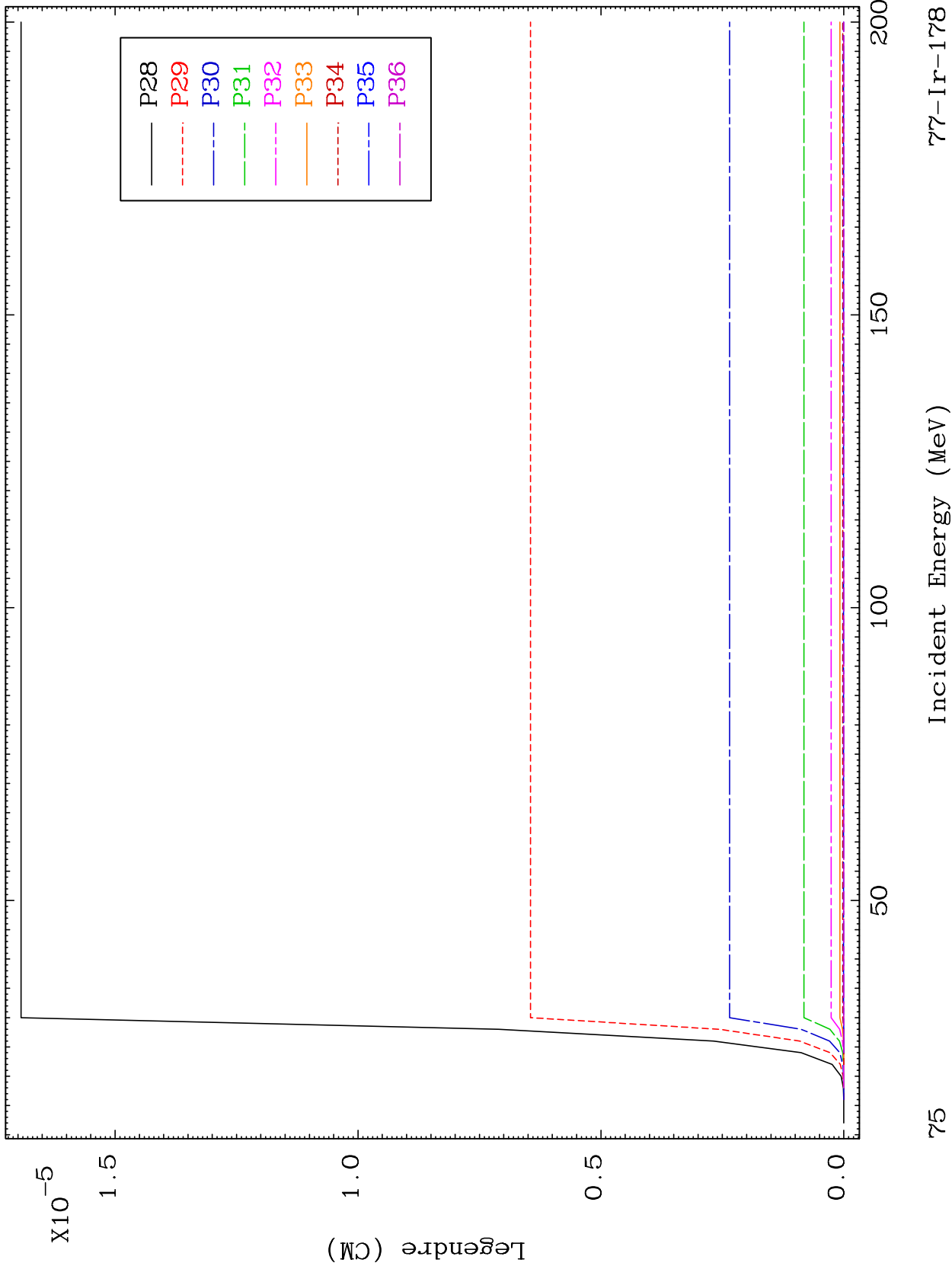
77-Ir-178

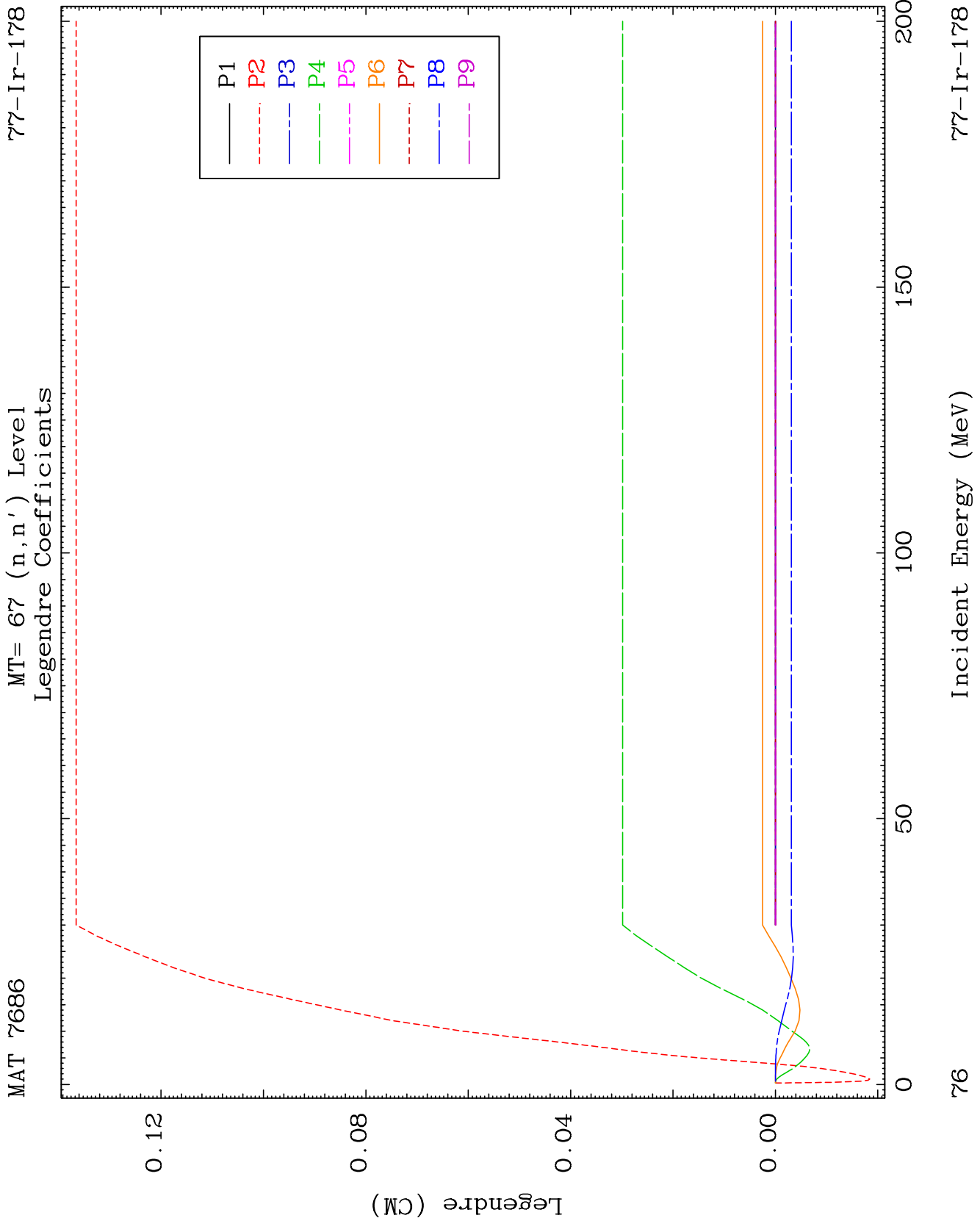


MAT 7686

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

77-Ir-178

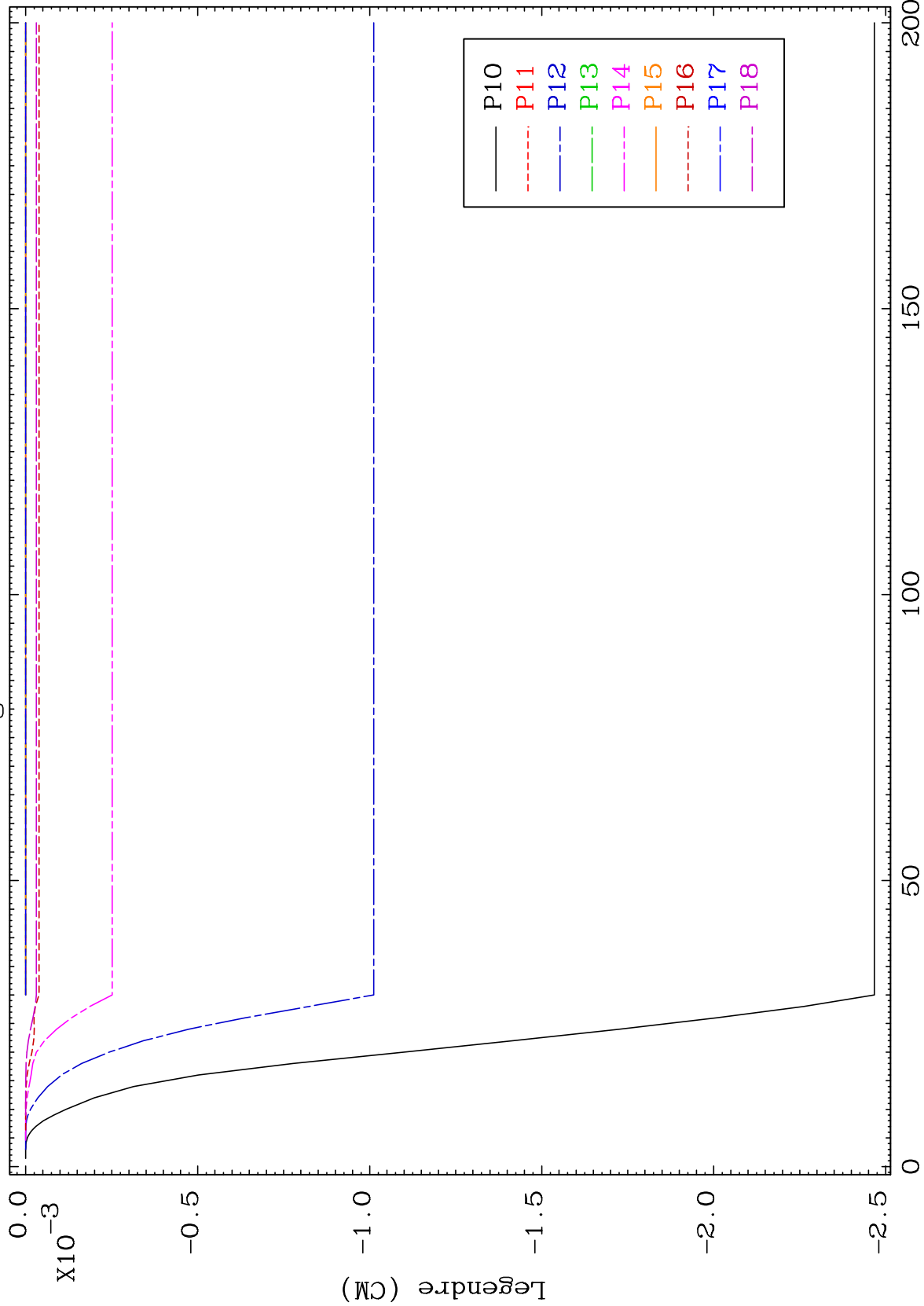




MAT 7686

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

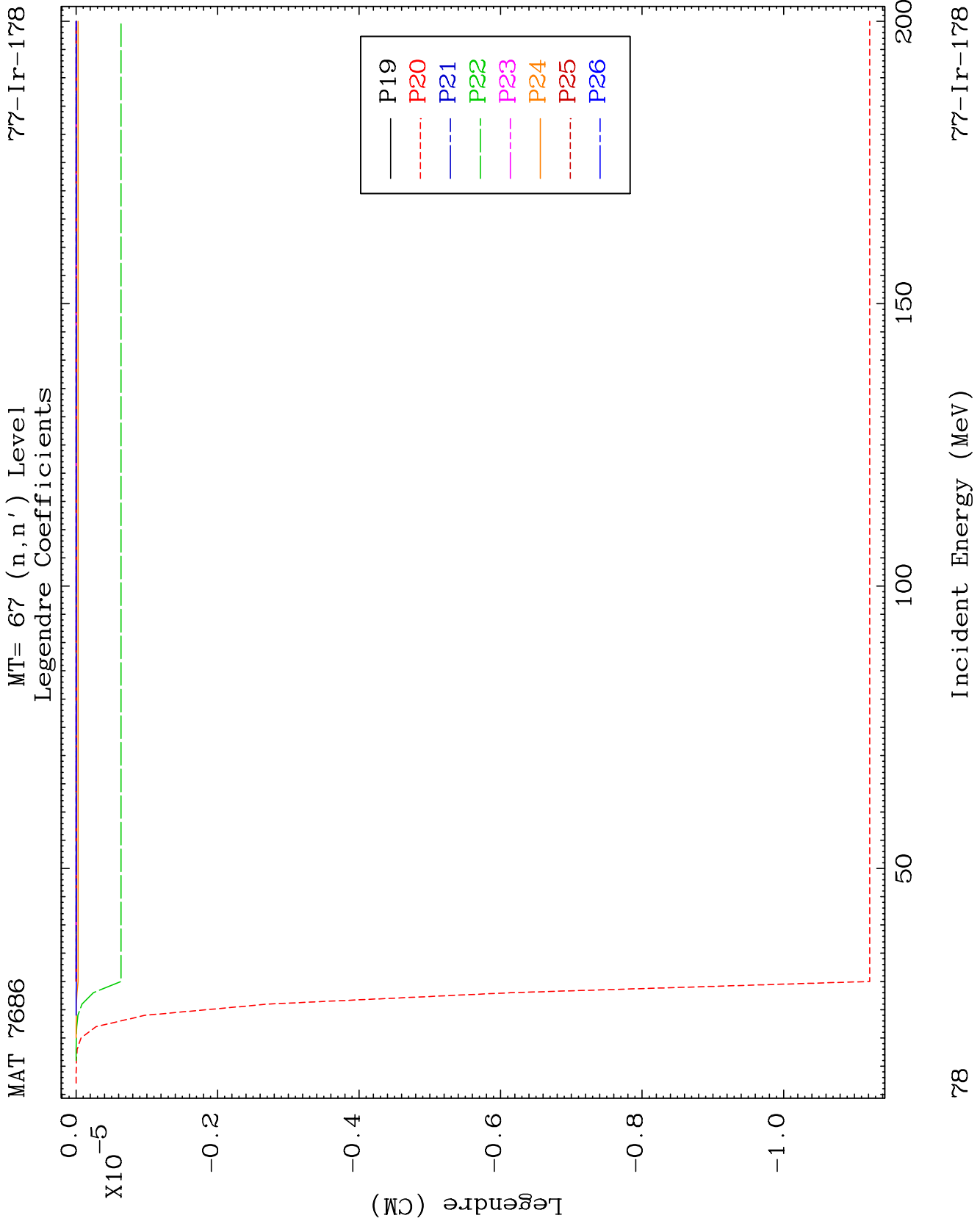
77-Ir-178



77

Incident Energy (MeV)

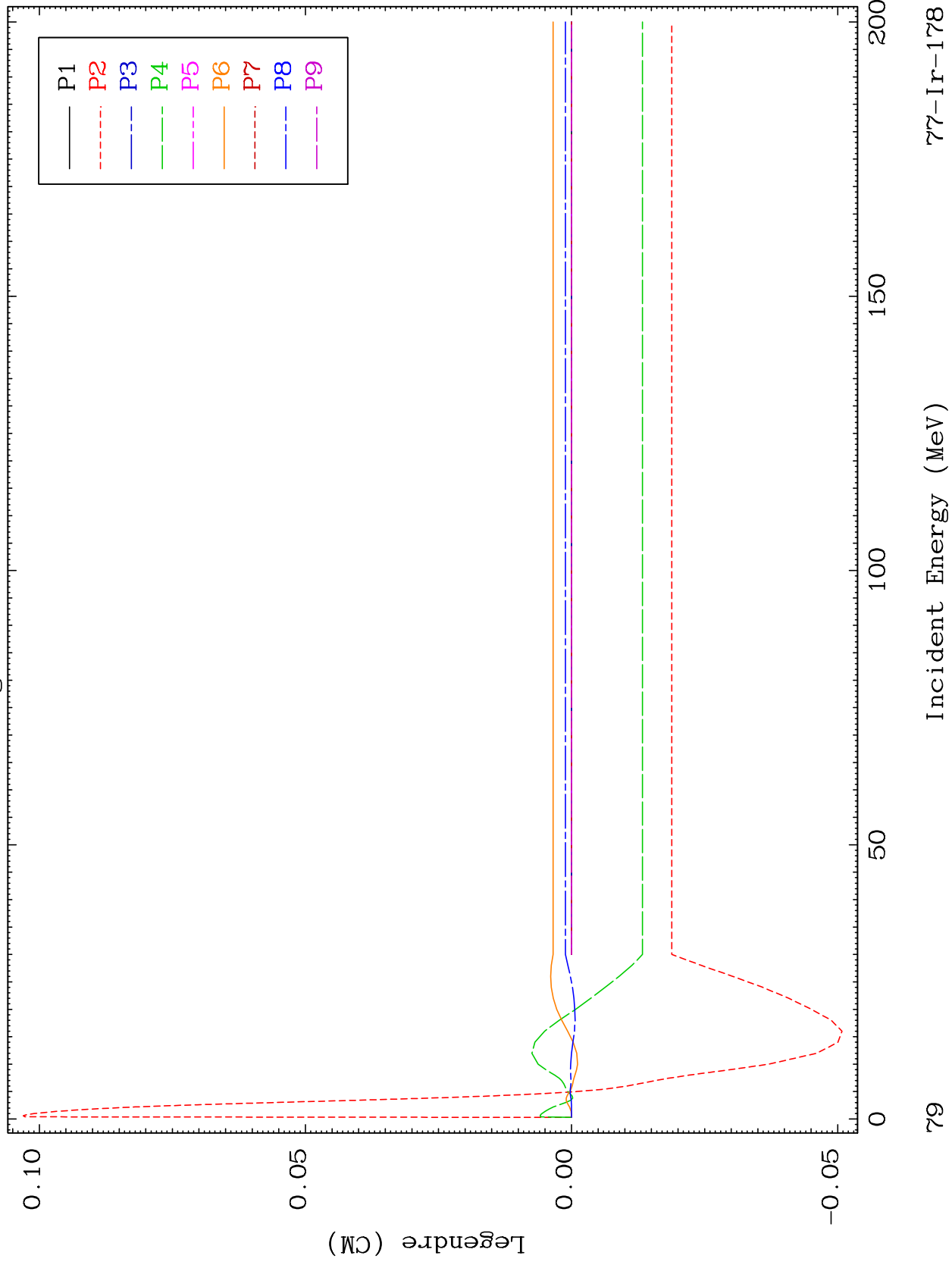
77-Ir-178



MAT 7686

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

77-Ir-178



77-Ir-178

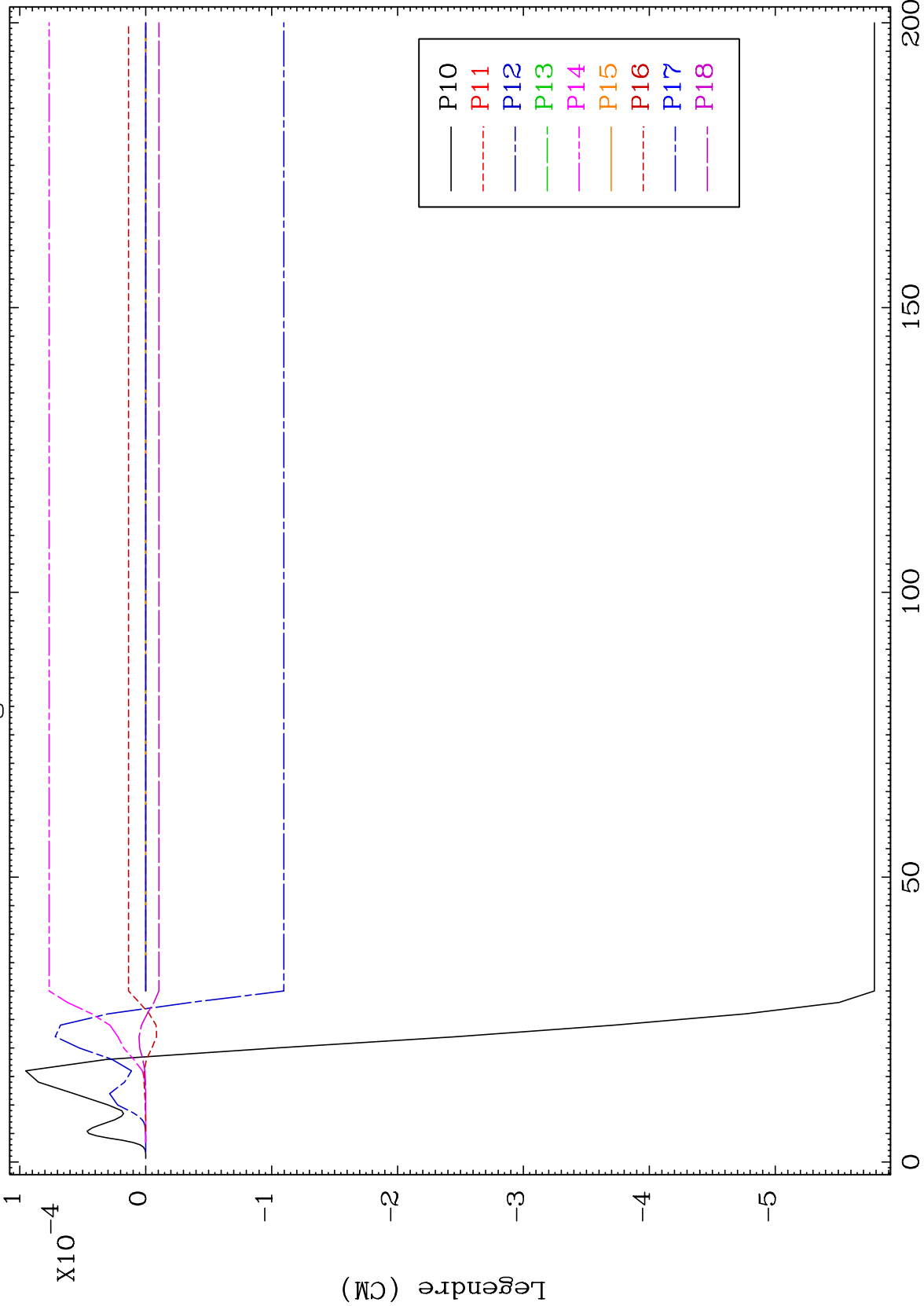
Incident Energy (MeV)

79

MAT 7686

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

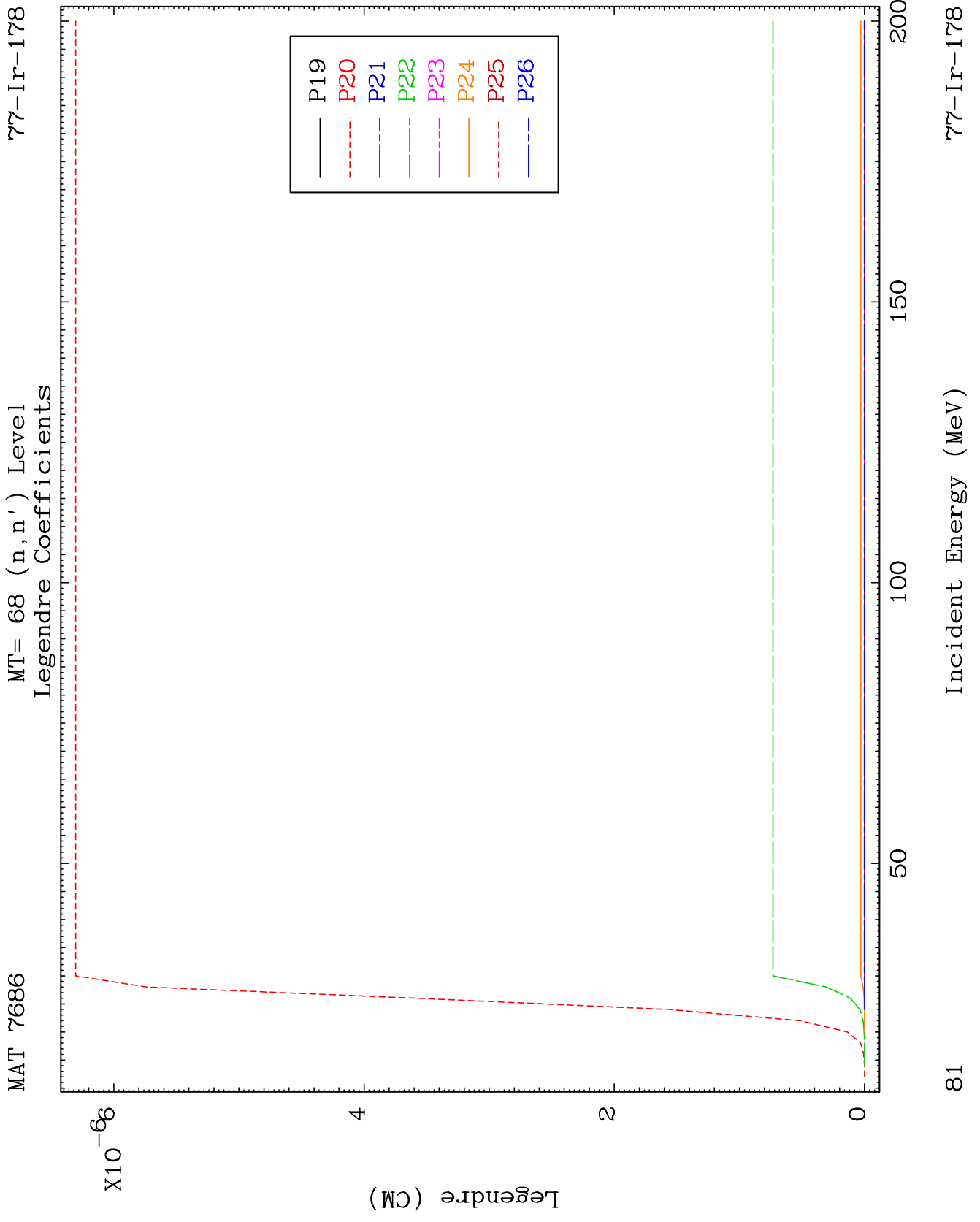
77-Ir-178



77-Ir-178

Incident Energy (MeV)

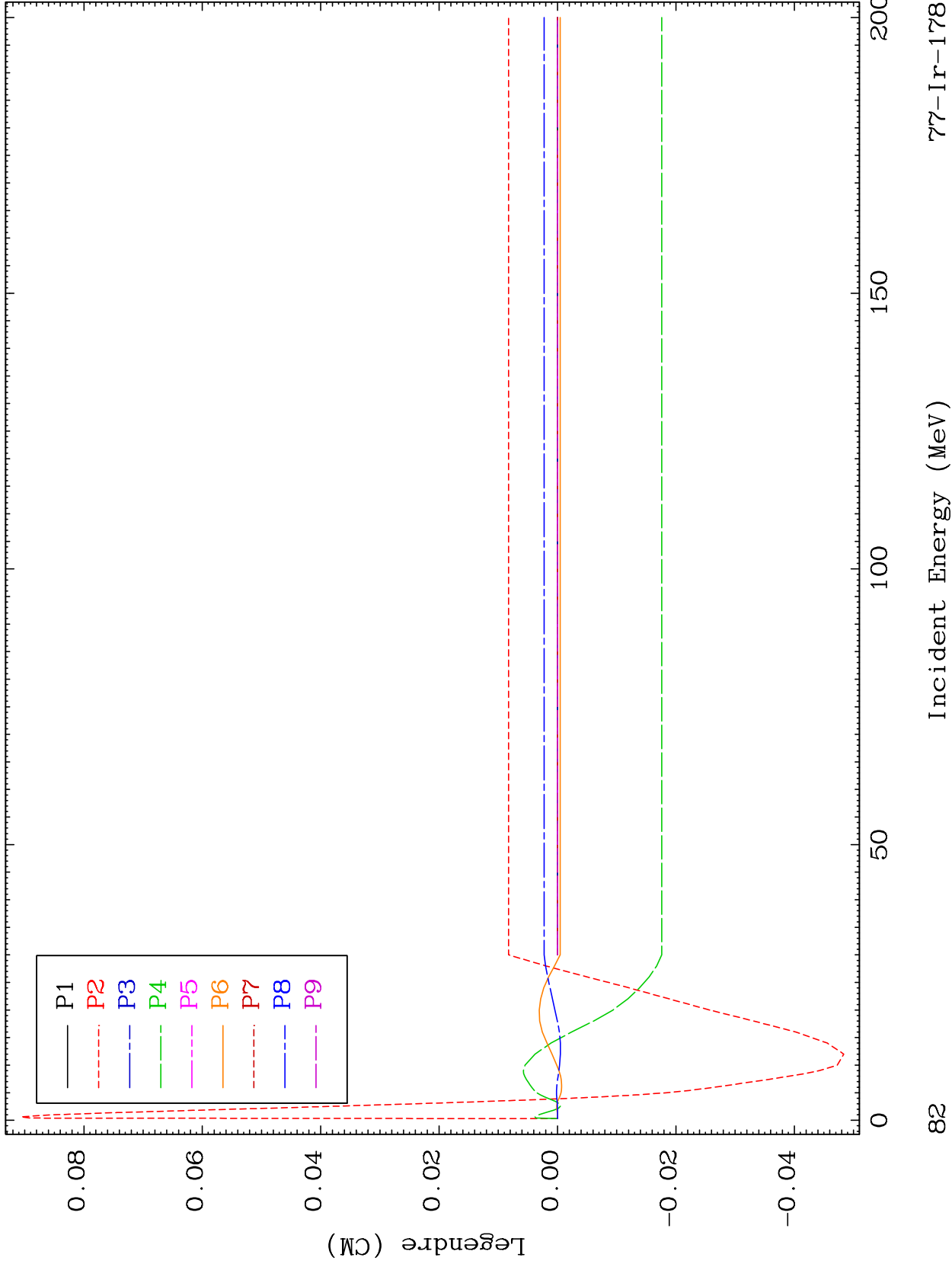
80



MAT 7686

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

⁷⁷Ir-178



82

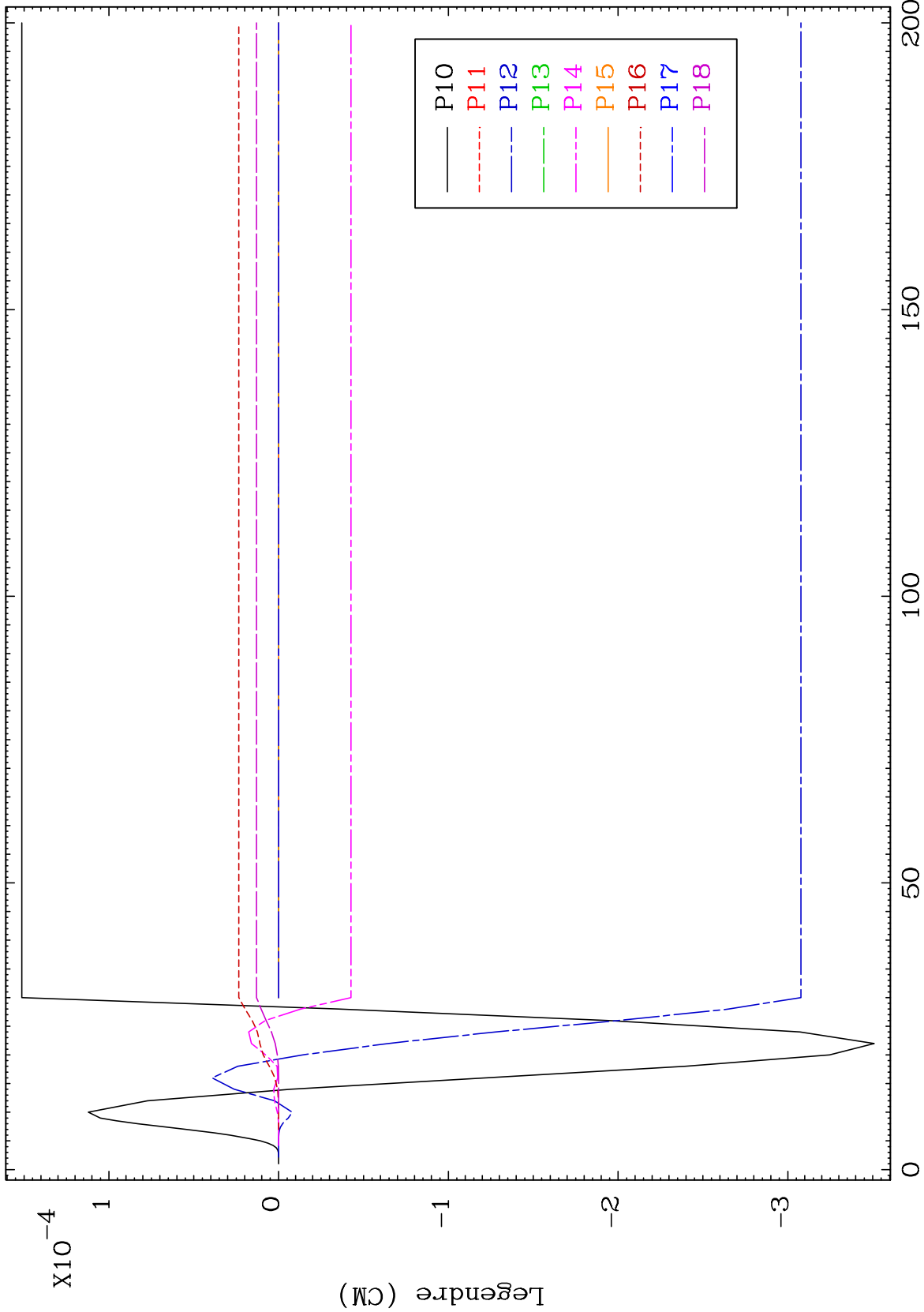
Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

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

77-Ir-178



83

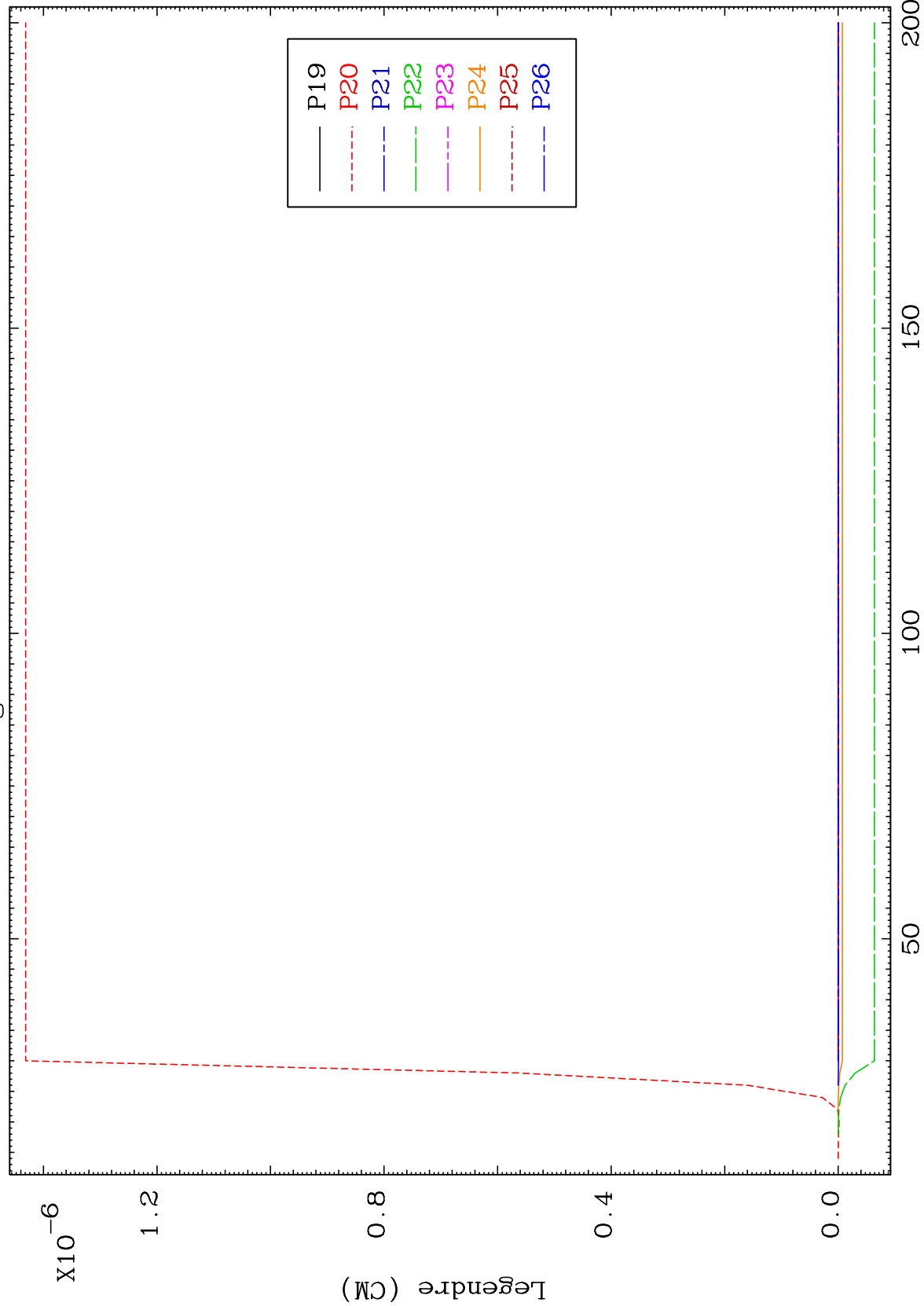
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



84

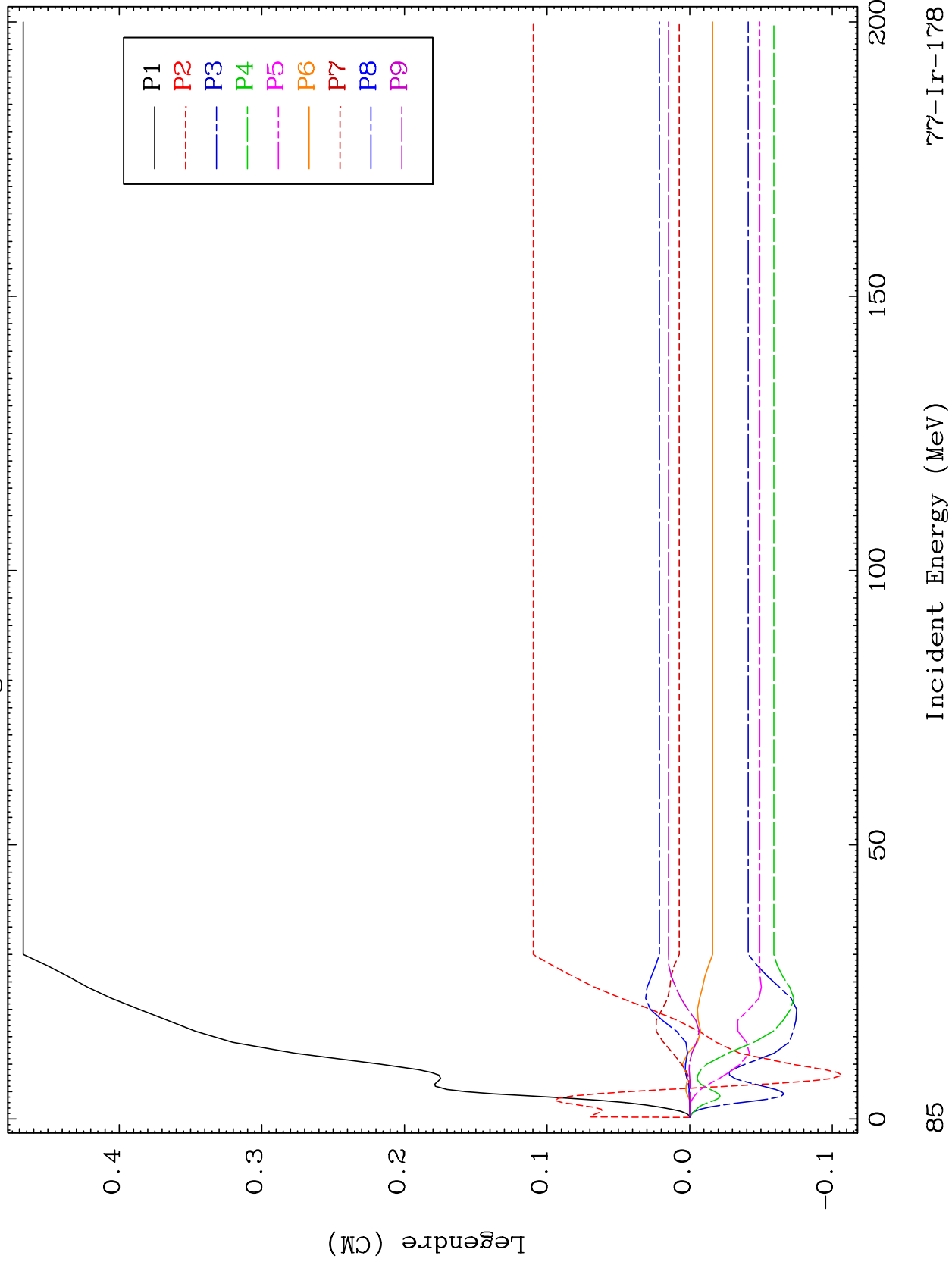
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

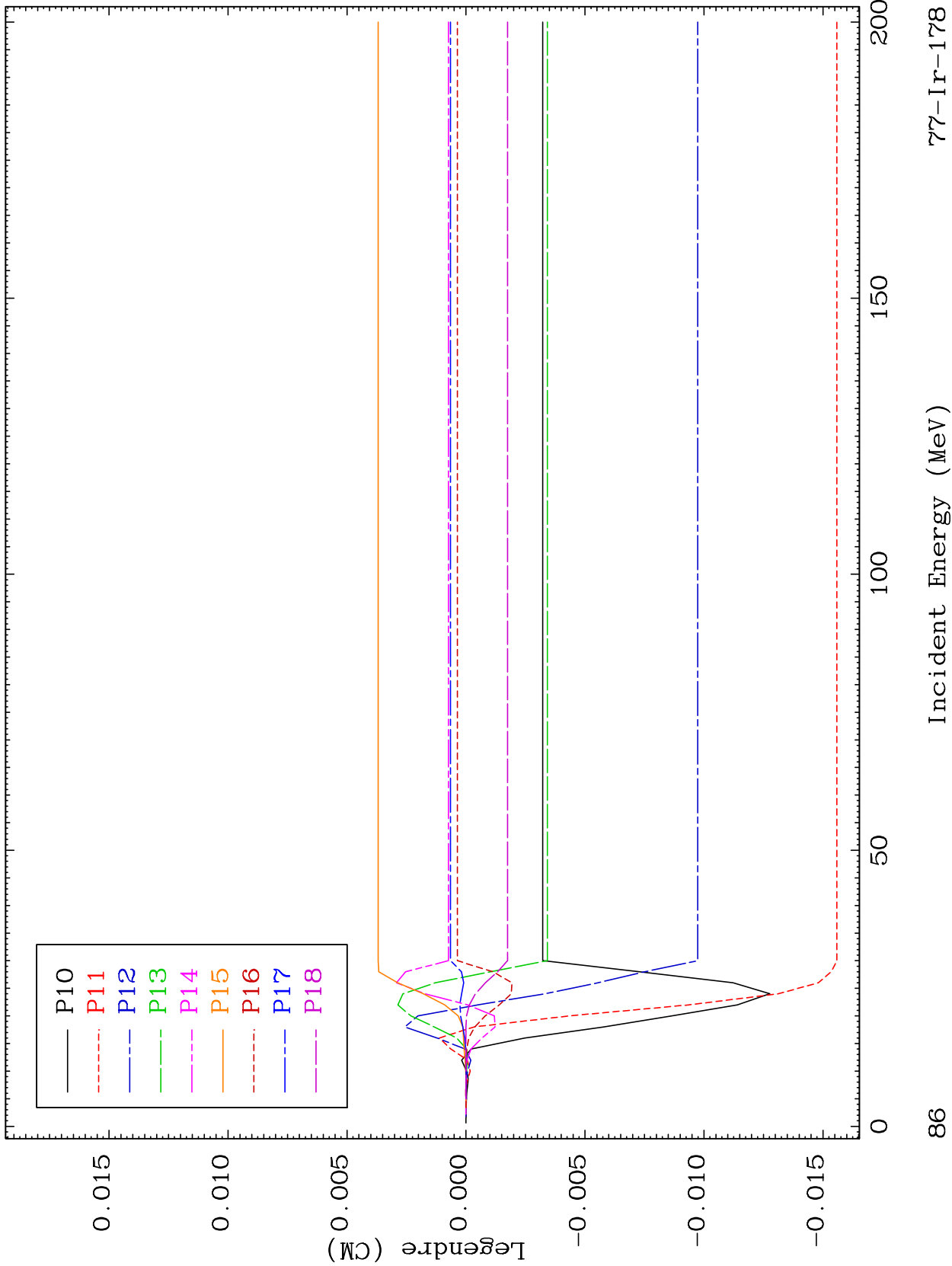
⁷⁷Ir-178

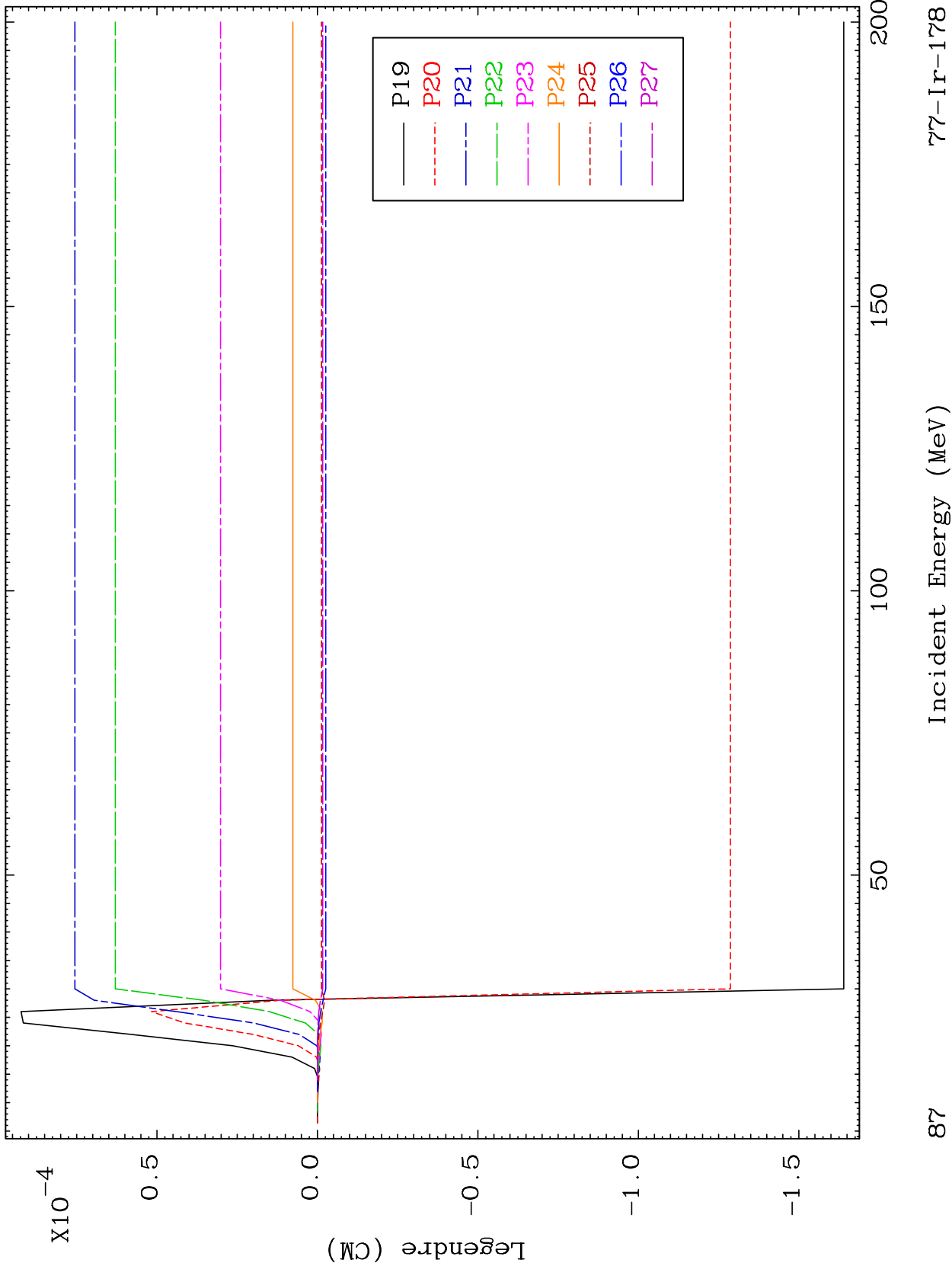


⁷⁷Ir-178

Incident Energy (MeV)

85

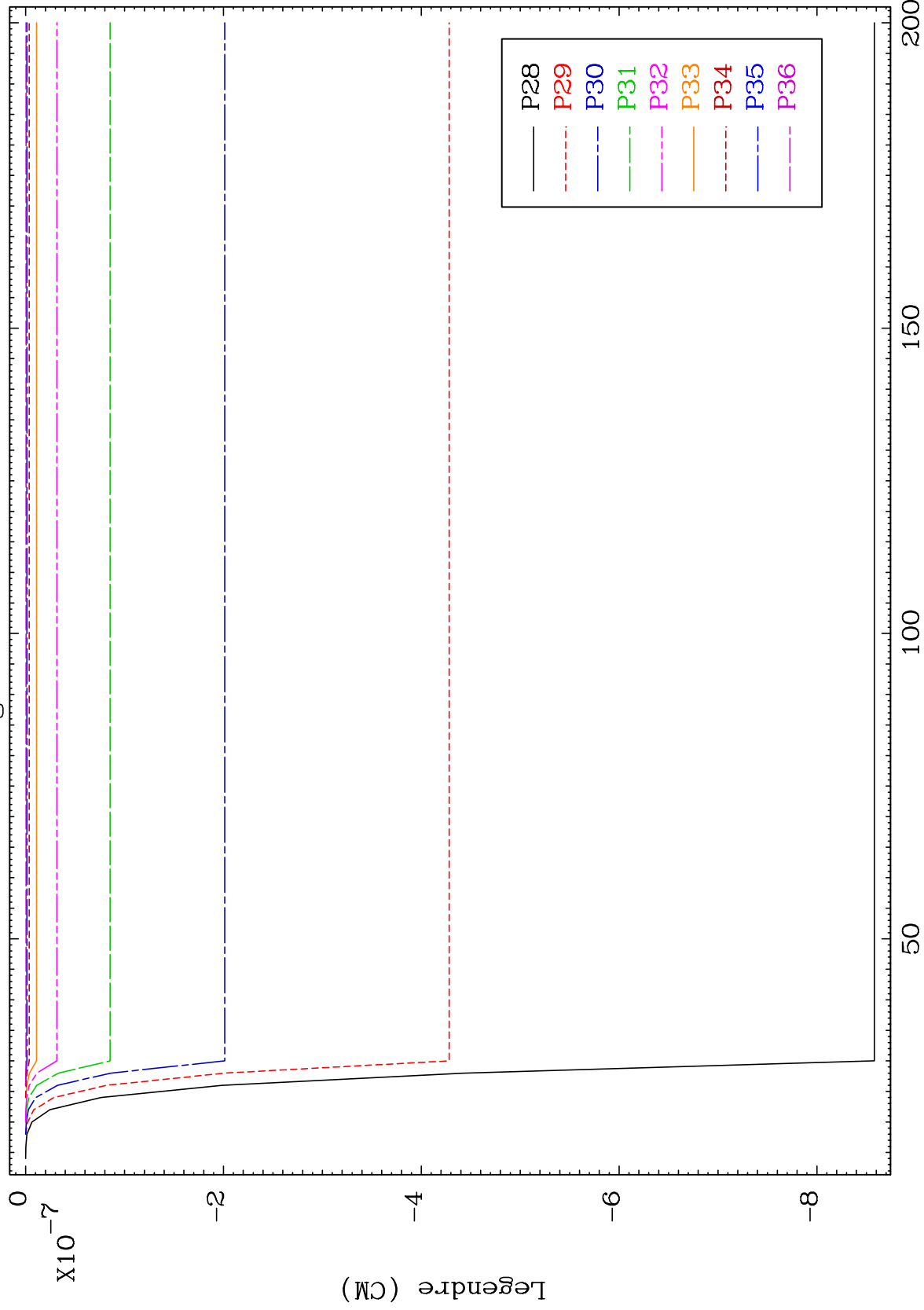




MAT 7686

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

77-Ir-178



88

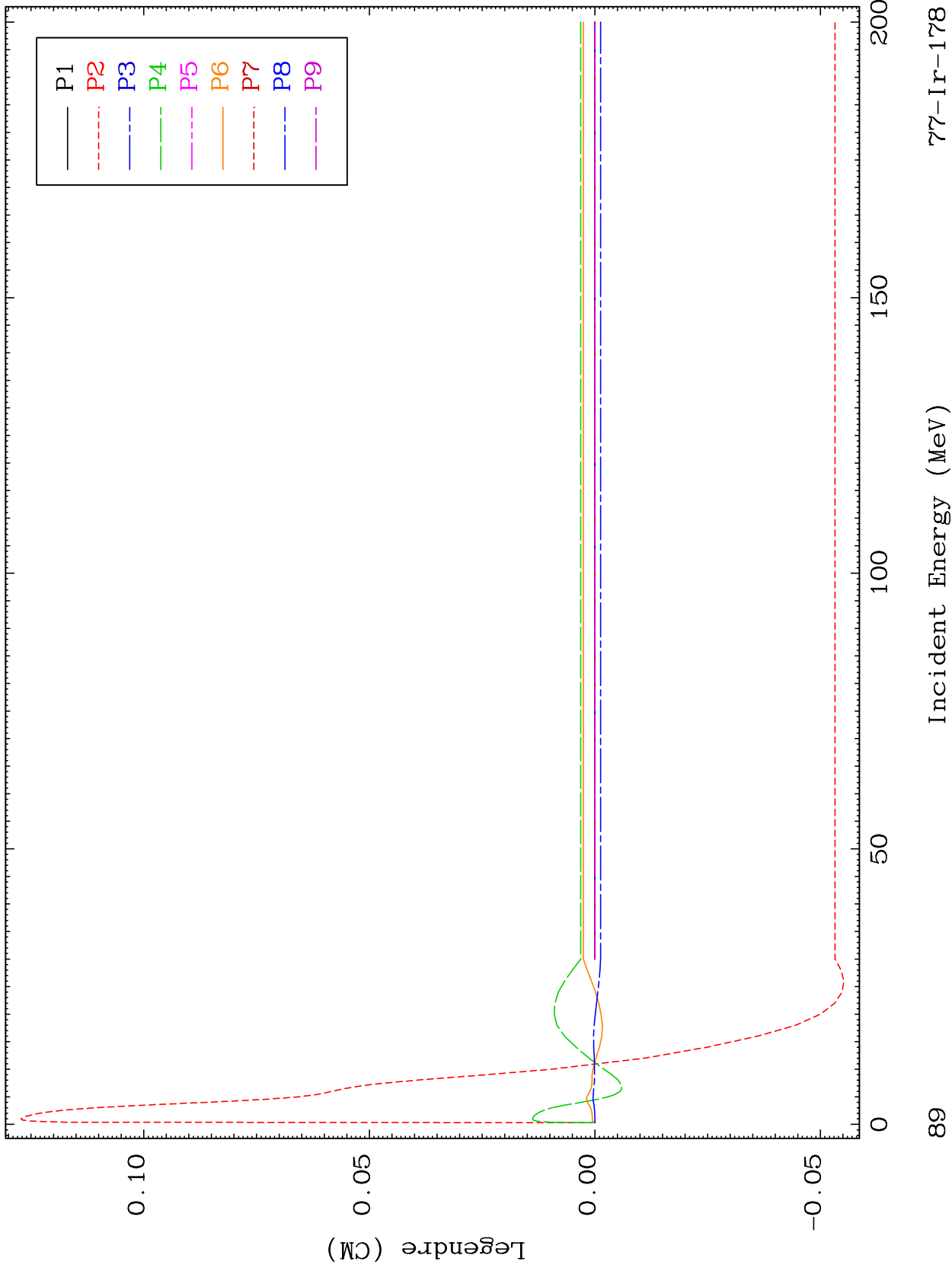
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

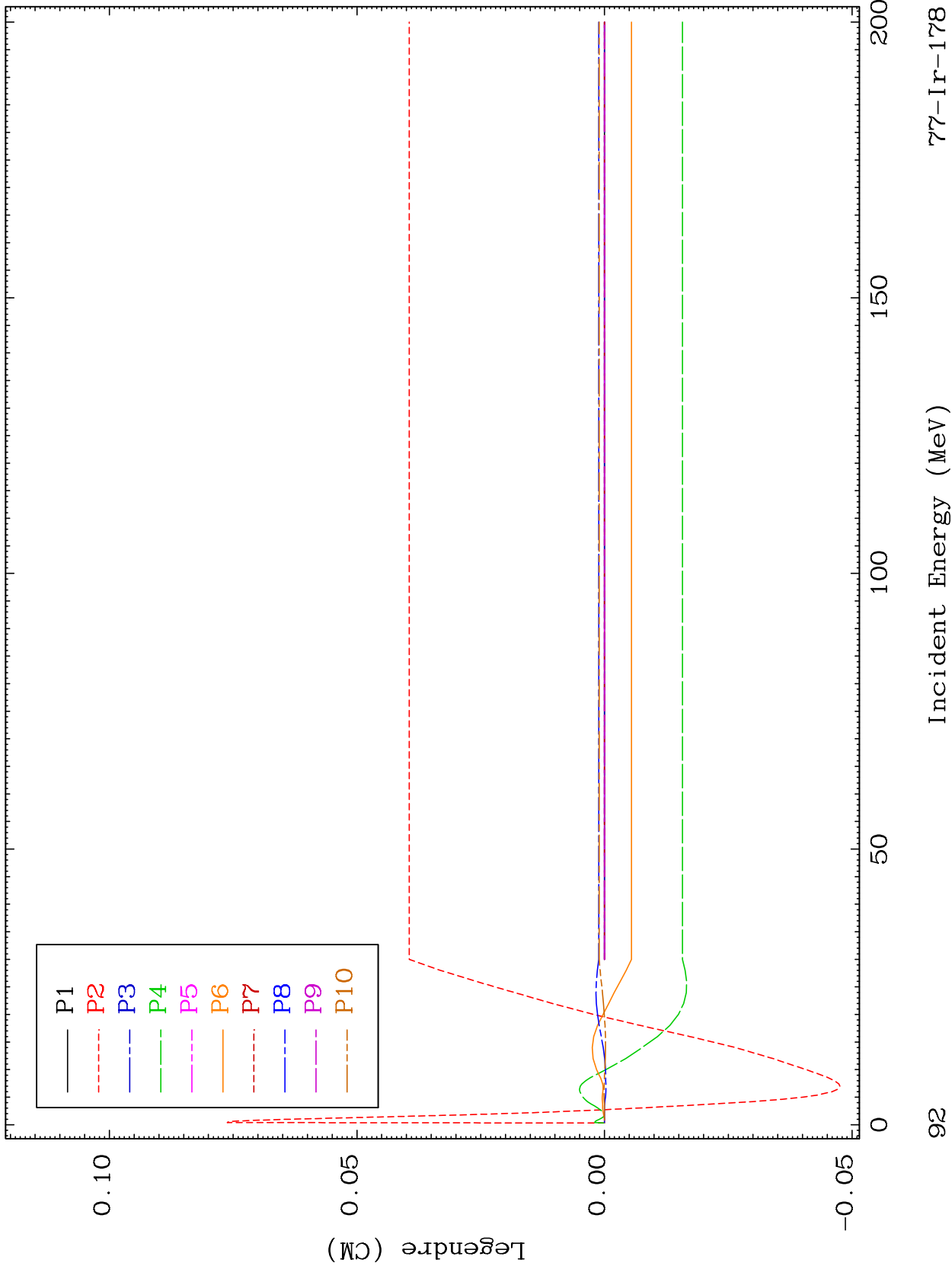
77-Ir-178



MAT 7686

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

77-Ir-178



77-Ir-178

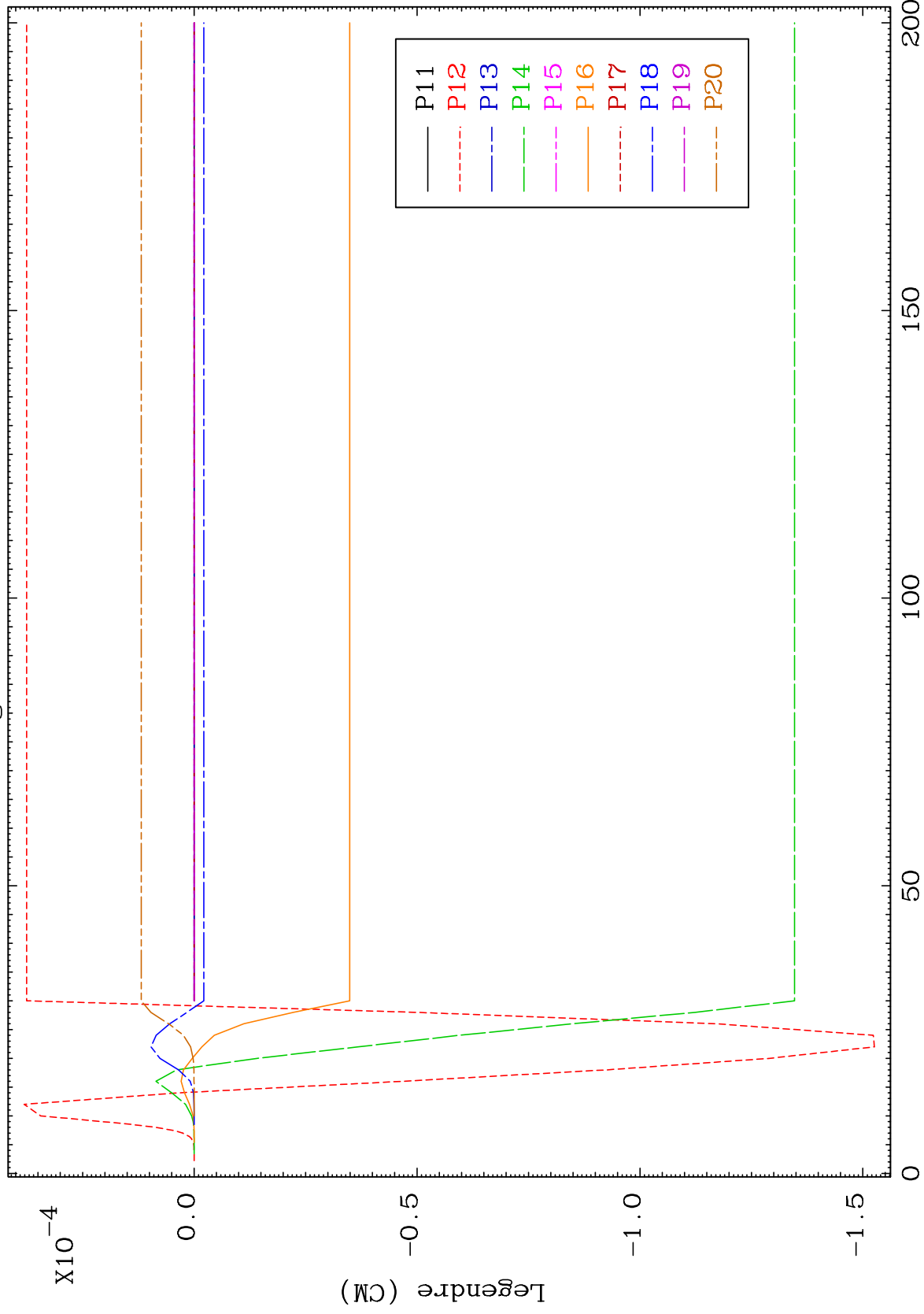
Incident Energy (MeV)

92

MAT 7686

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

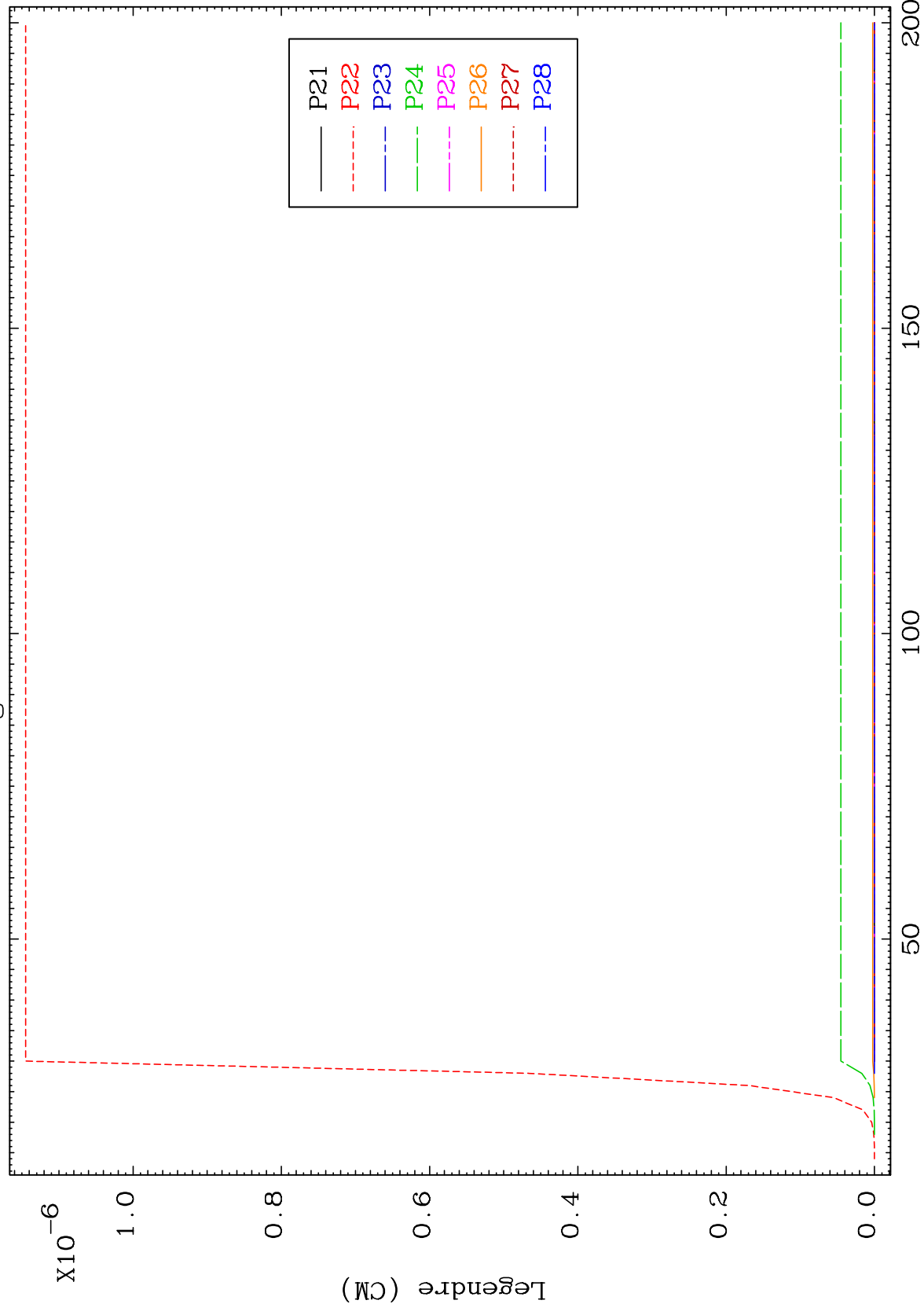
77-Ir-178



MAT 7686

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

77-Ir-178



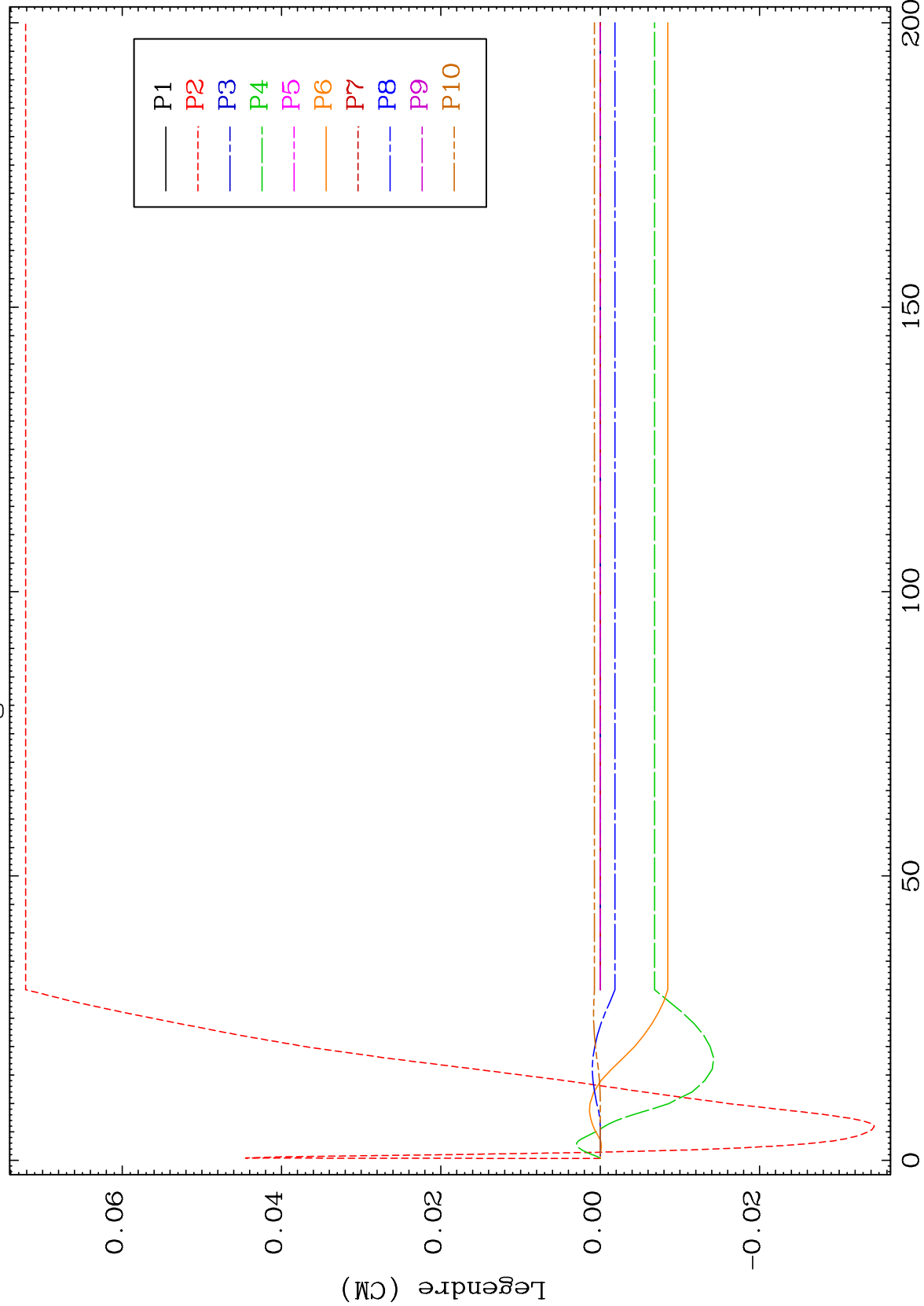
94

77-Ir-178

MAT 7686

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

77-Ir-178



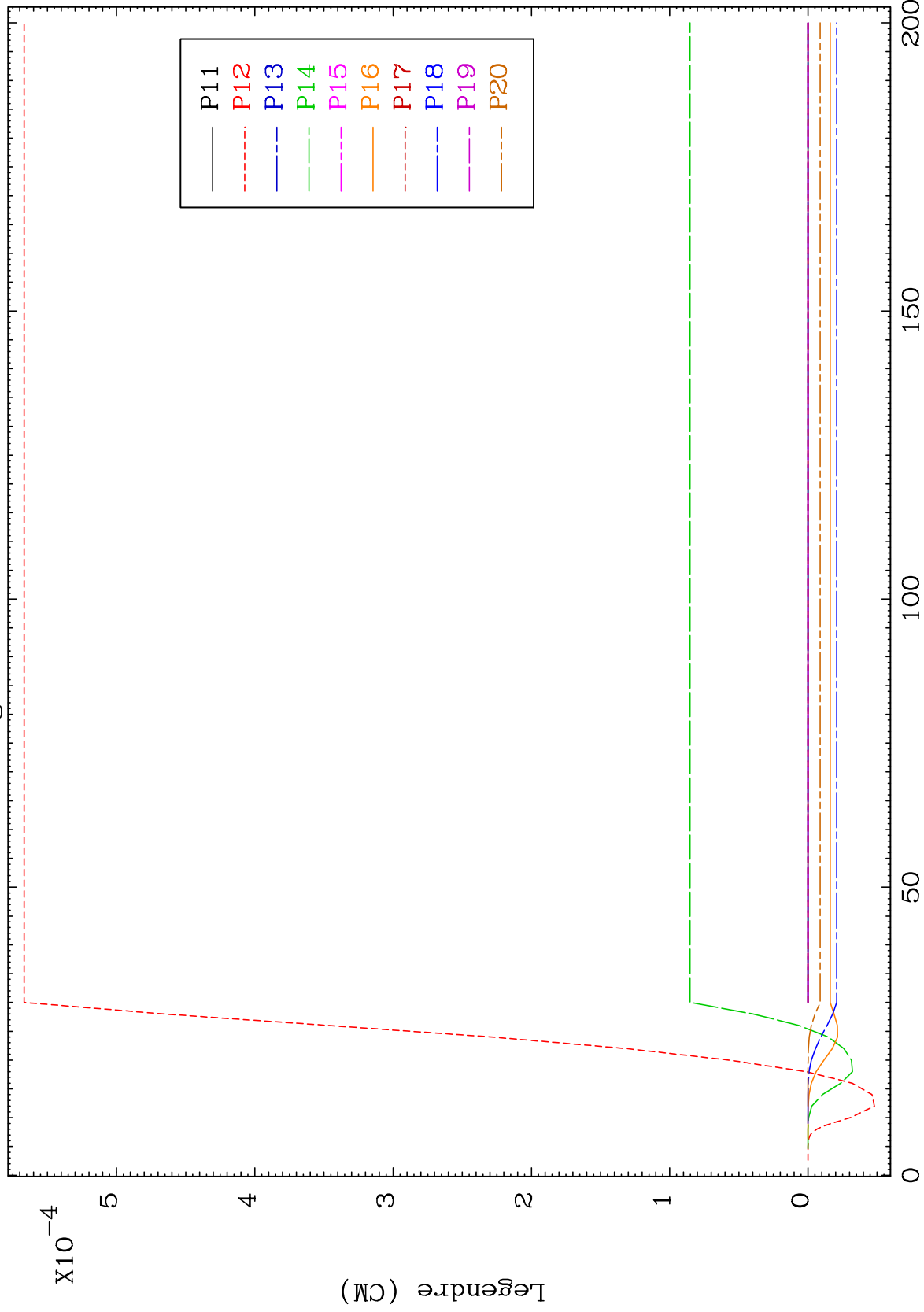
95

77-Ir-178

MAT 7686

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

77-Ir-178



96

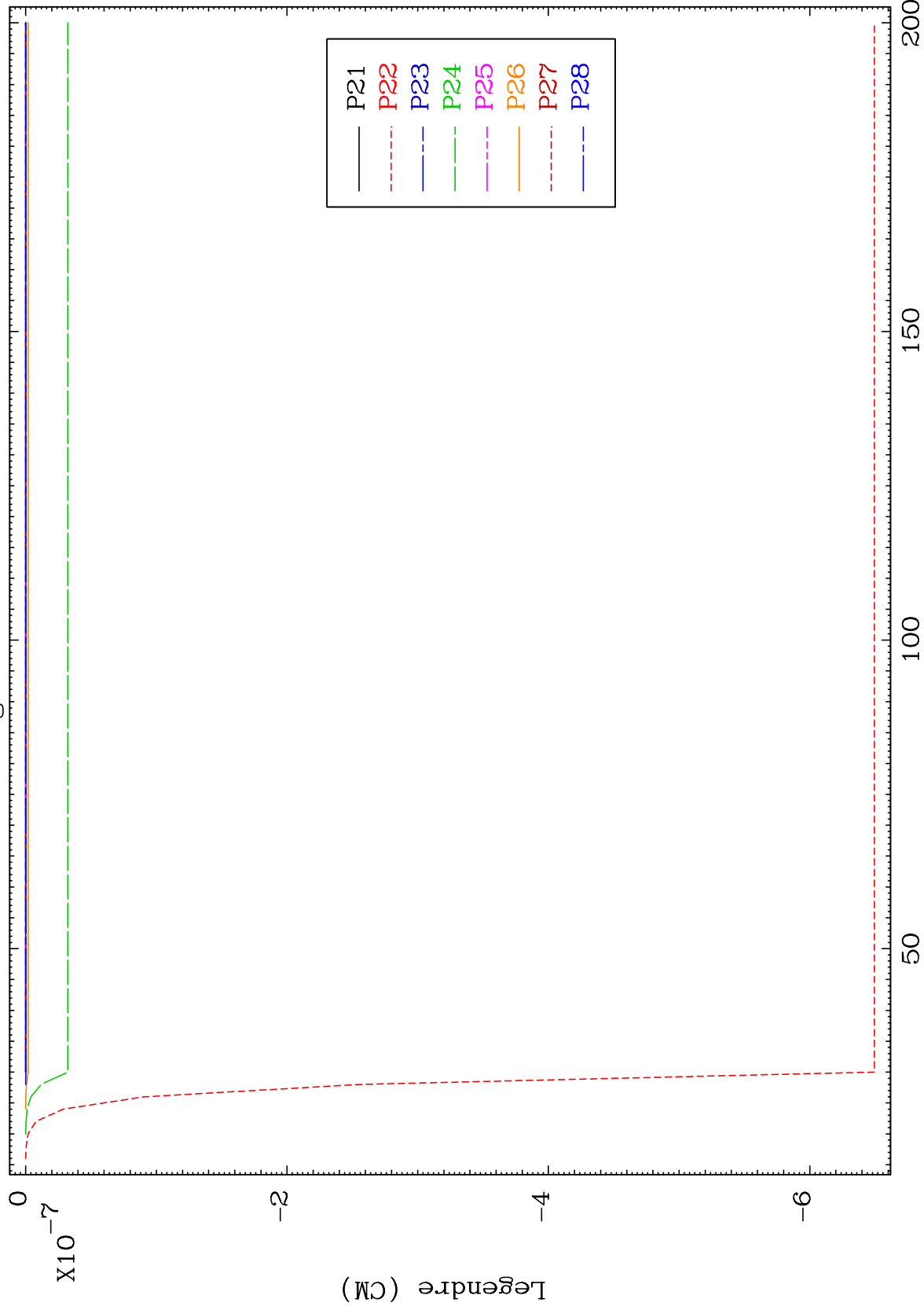
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



97

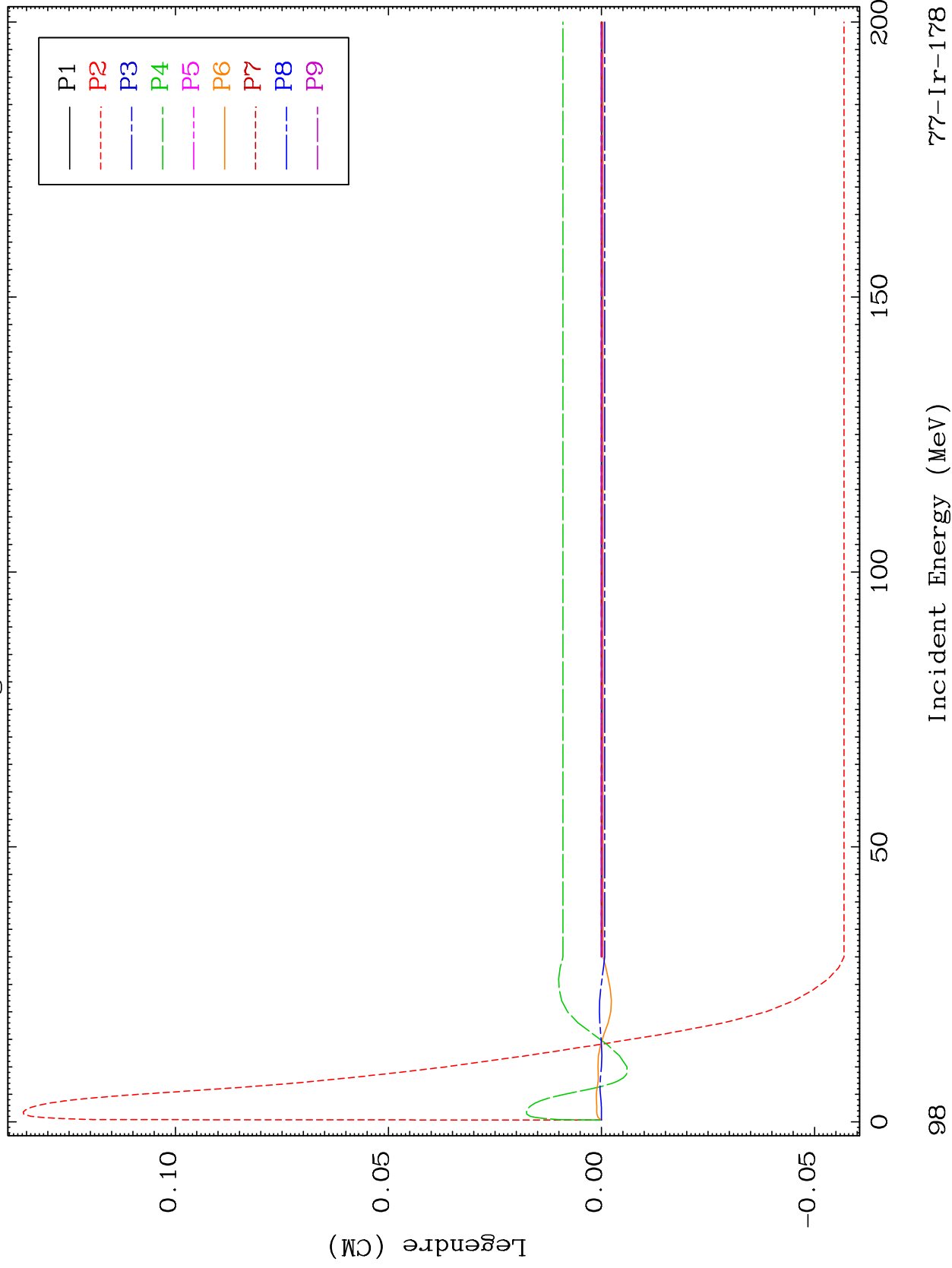
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



77-Ir-178

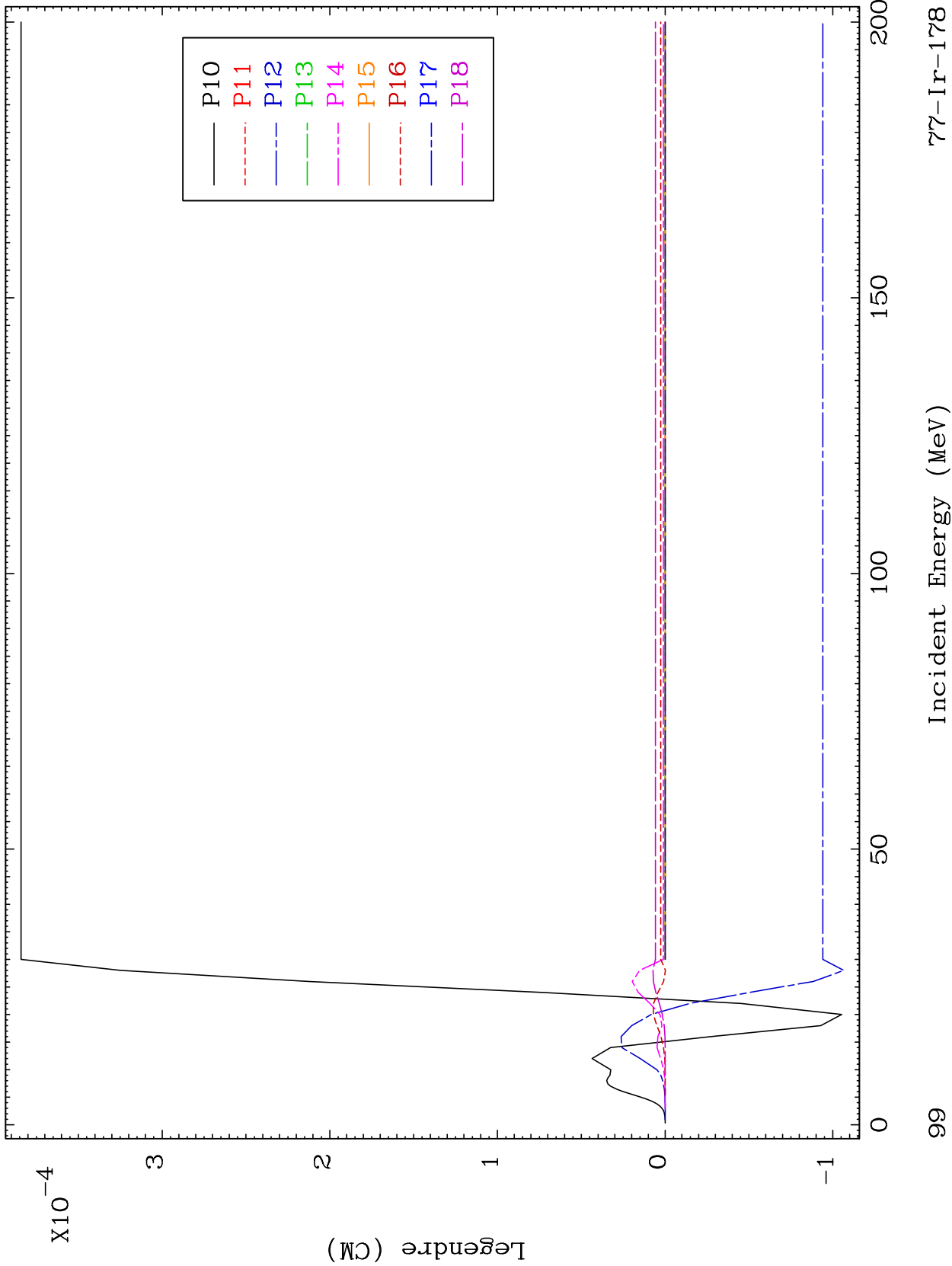
Incident Energy (MeV)

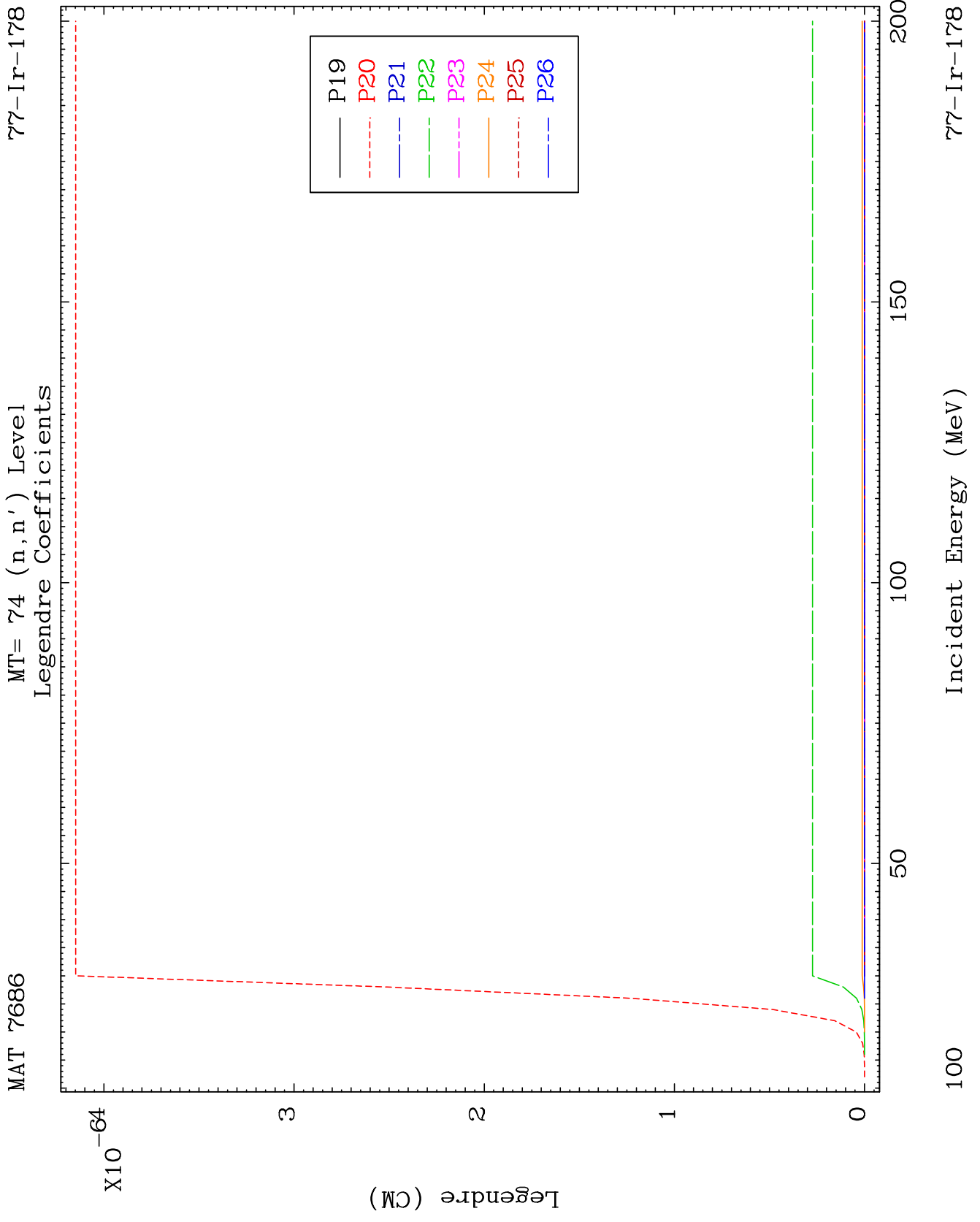
98

MAT 7686

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

77-Ir-178

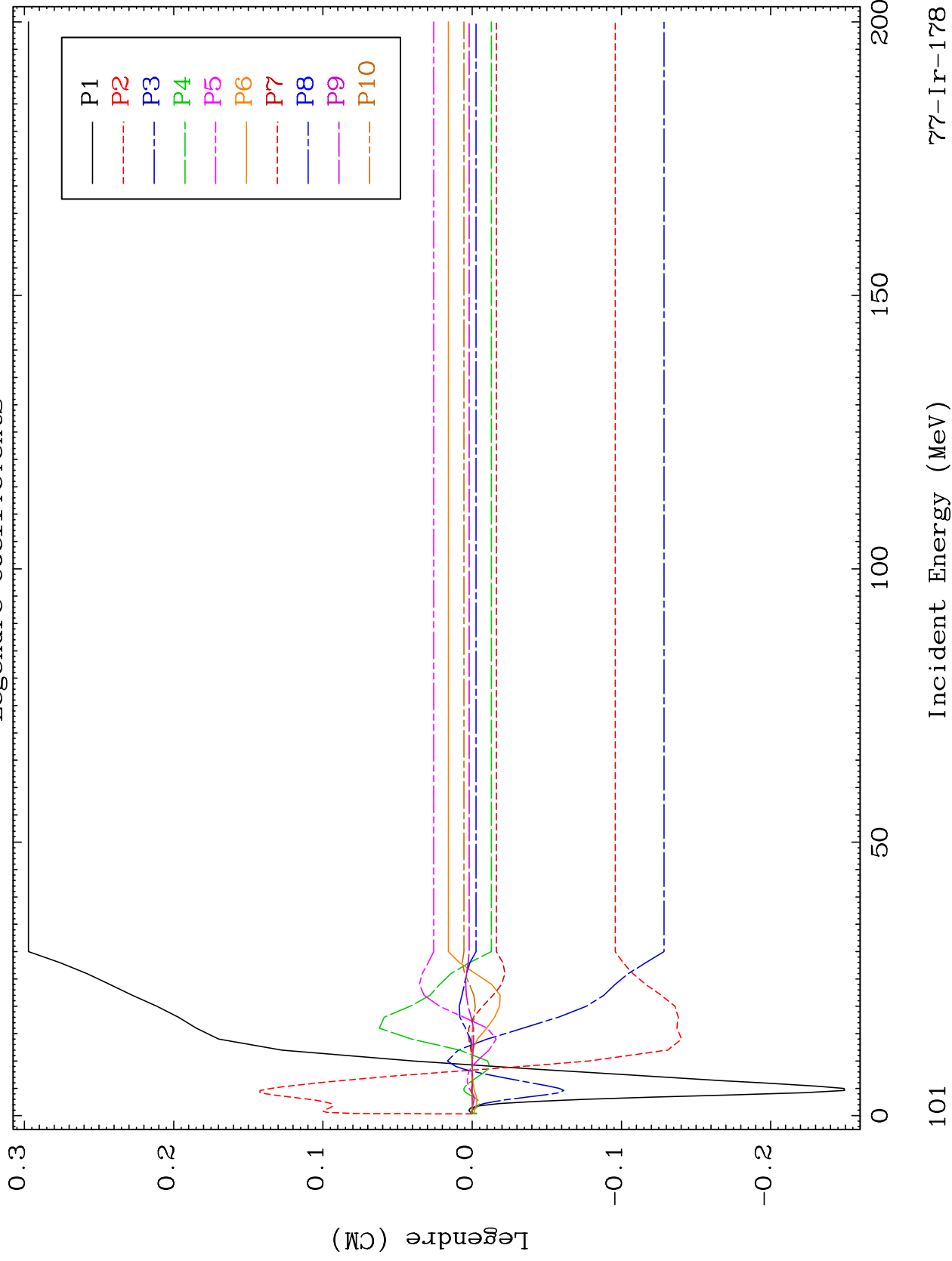




MAT 7686

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

77-Ir-178



77-Ir-178

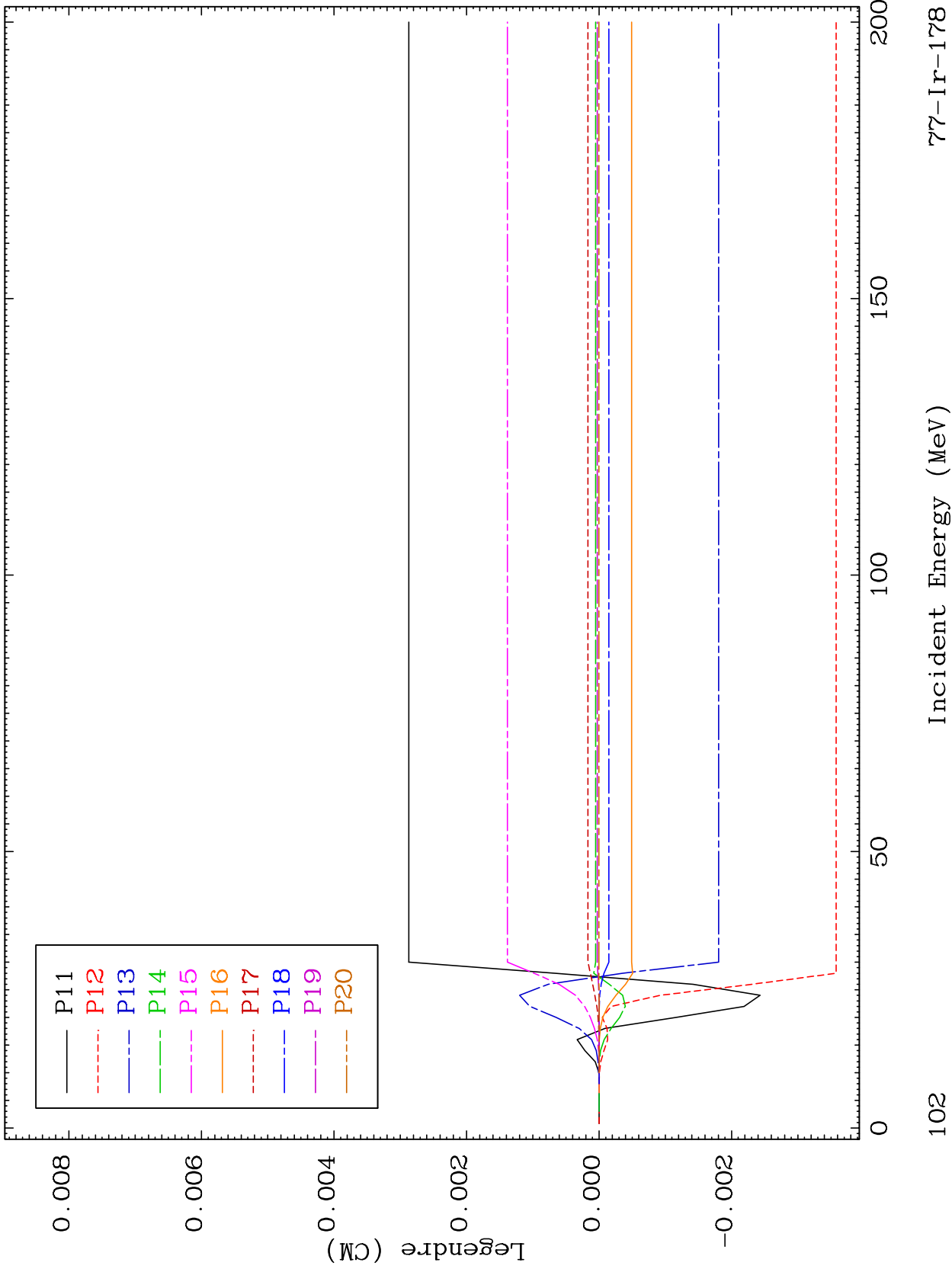
Incident Energy (MeV)

101

MAT 7686

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

77-Ir-178

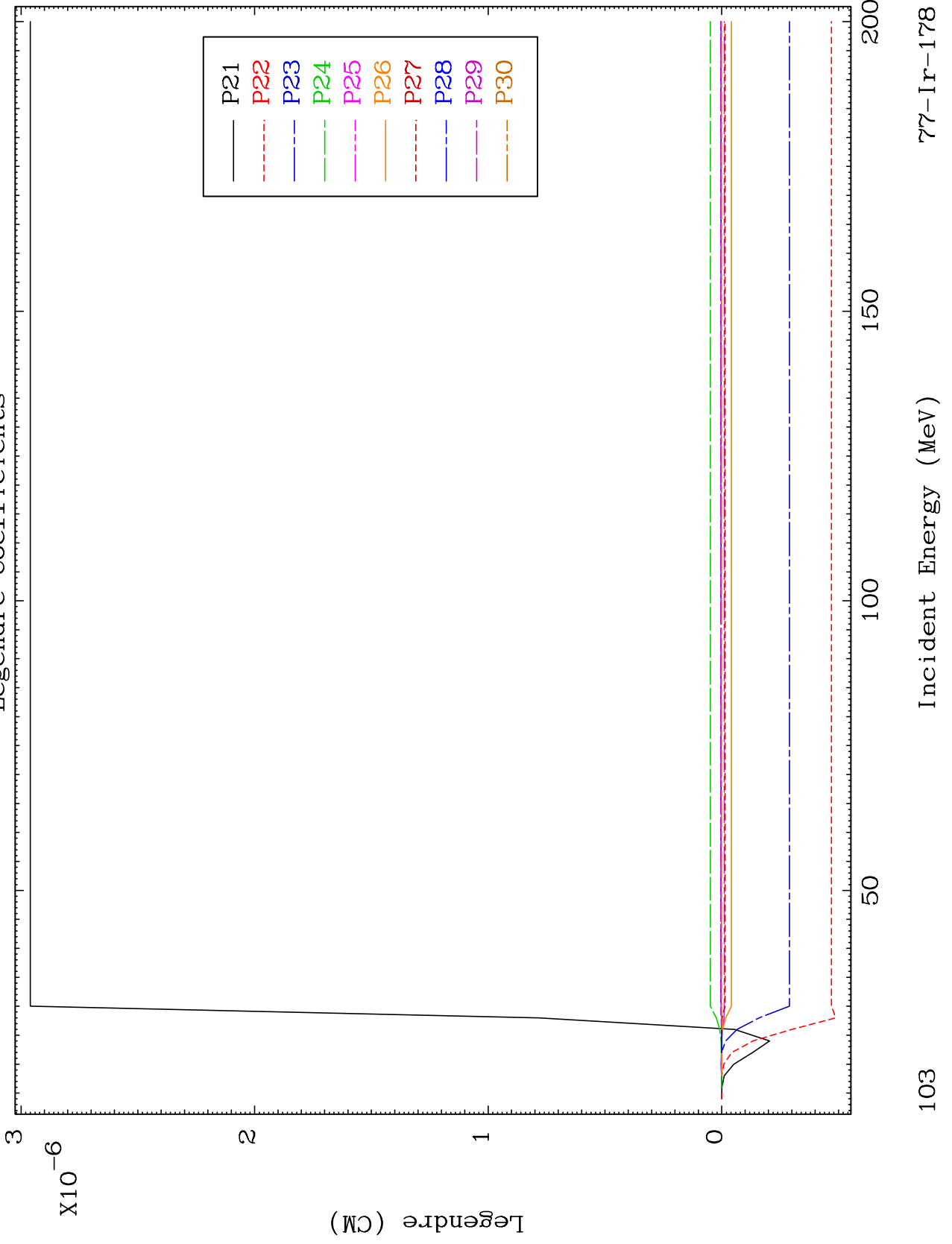


102

MAT 7686

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

77-Ir-178



103

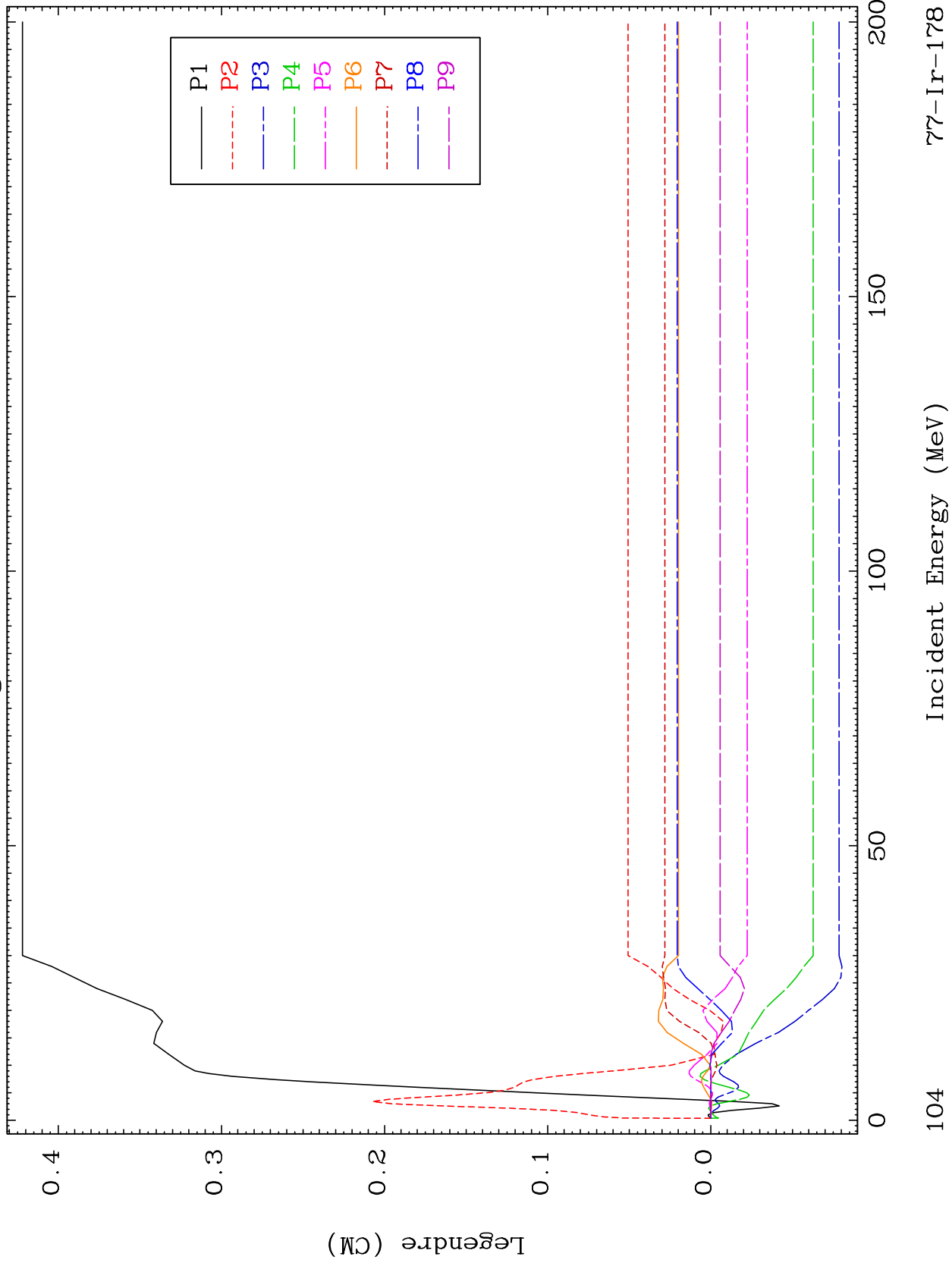
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



77-Ir-178

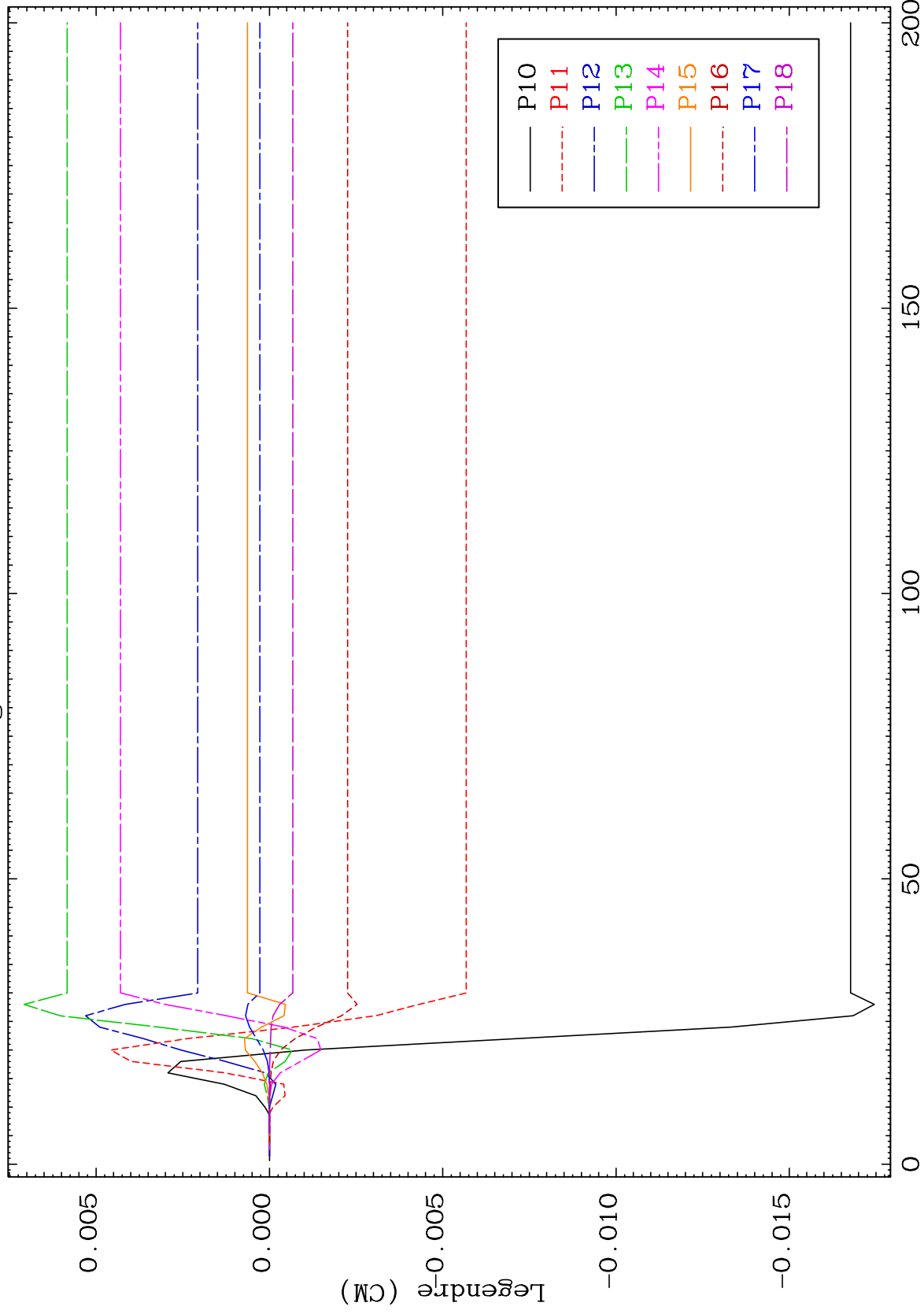
Incident Energy (MeV)

104

MAT 7686

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

77-Ir-178



105

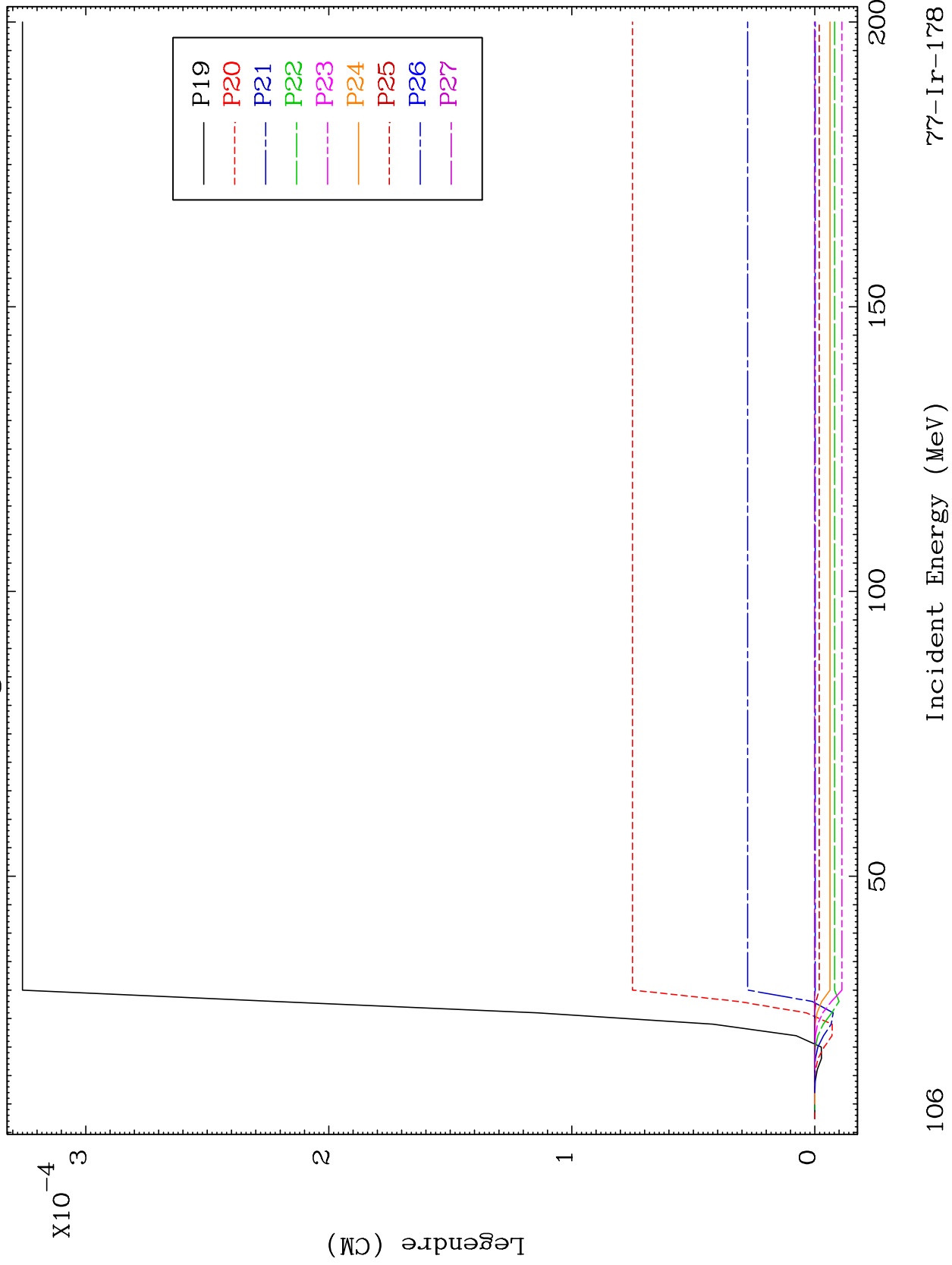
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



106

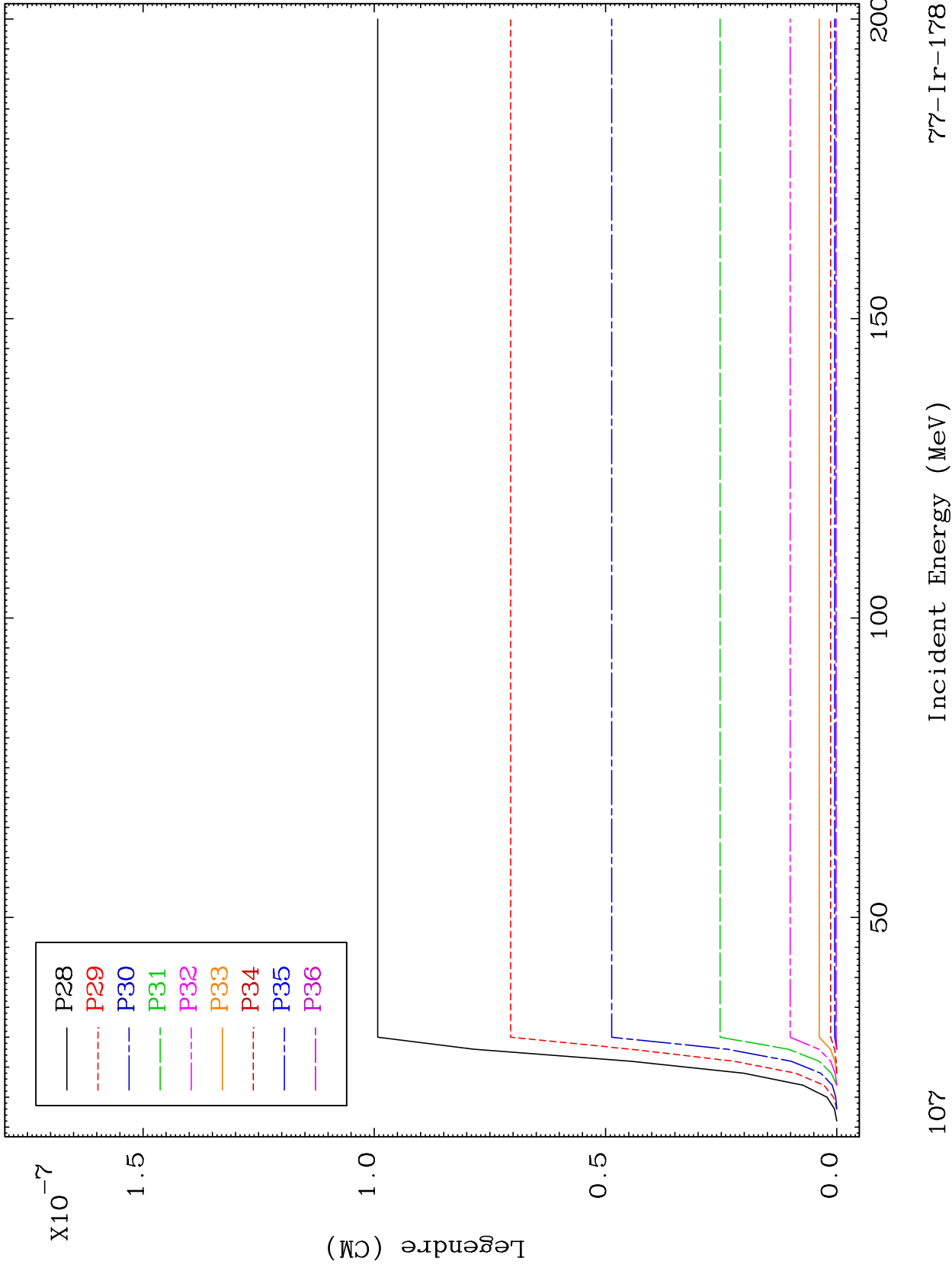
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

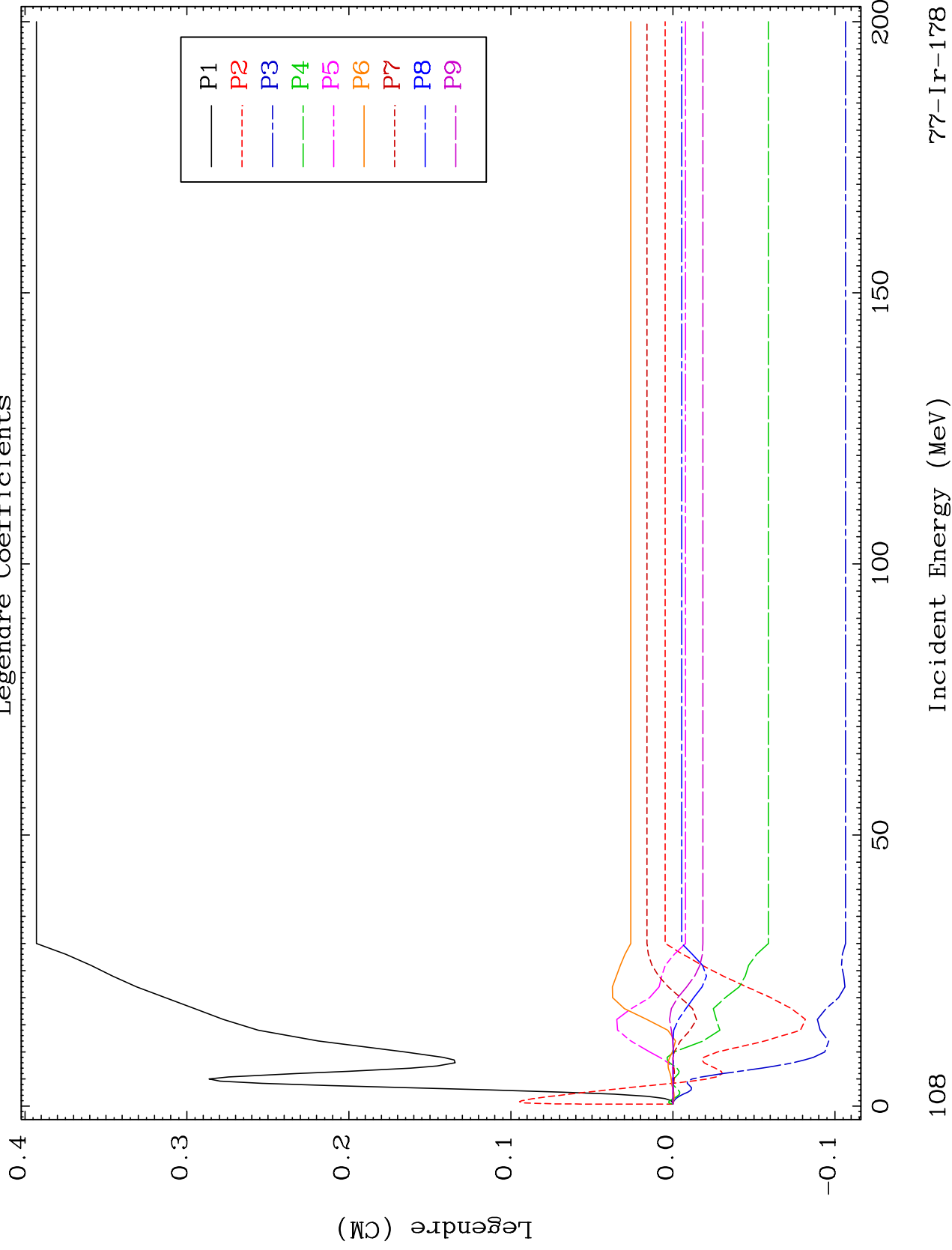
77-Ir-178



MAT 7686

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

77-Ir-178



77-Ir-178

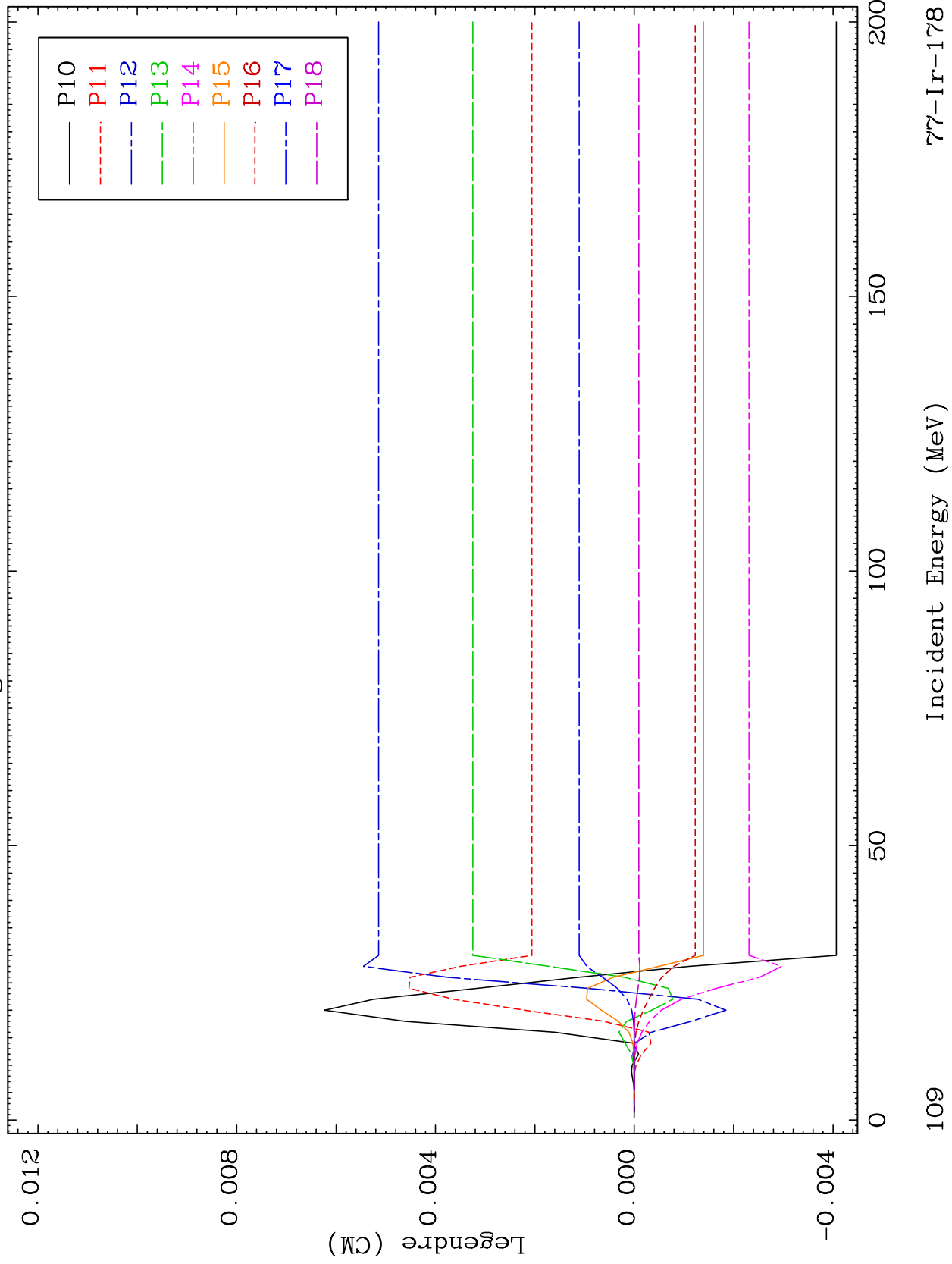
Incident Energy (MeV)

108

MAT 7686

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

77-Ir-178



77-Ir-178

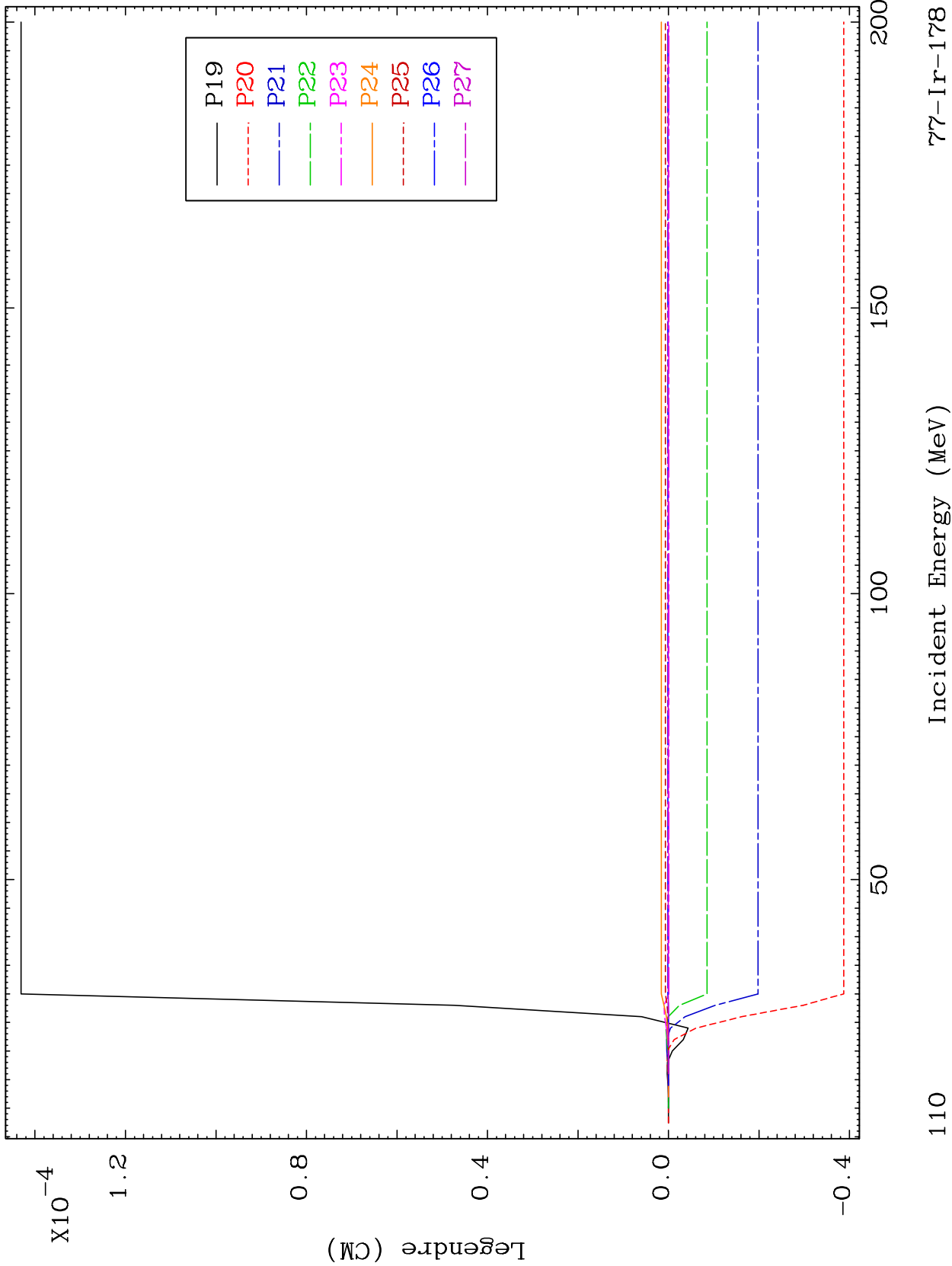
Incident Energy (MeV)

109

MAT 7686

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

77-Ir-178



110

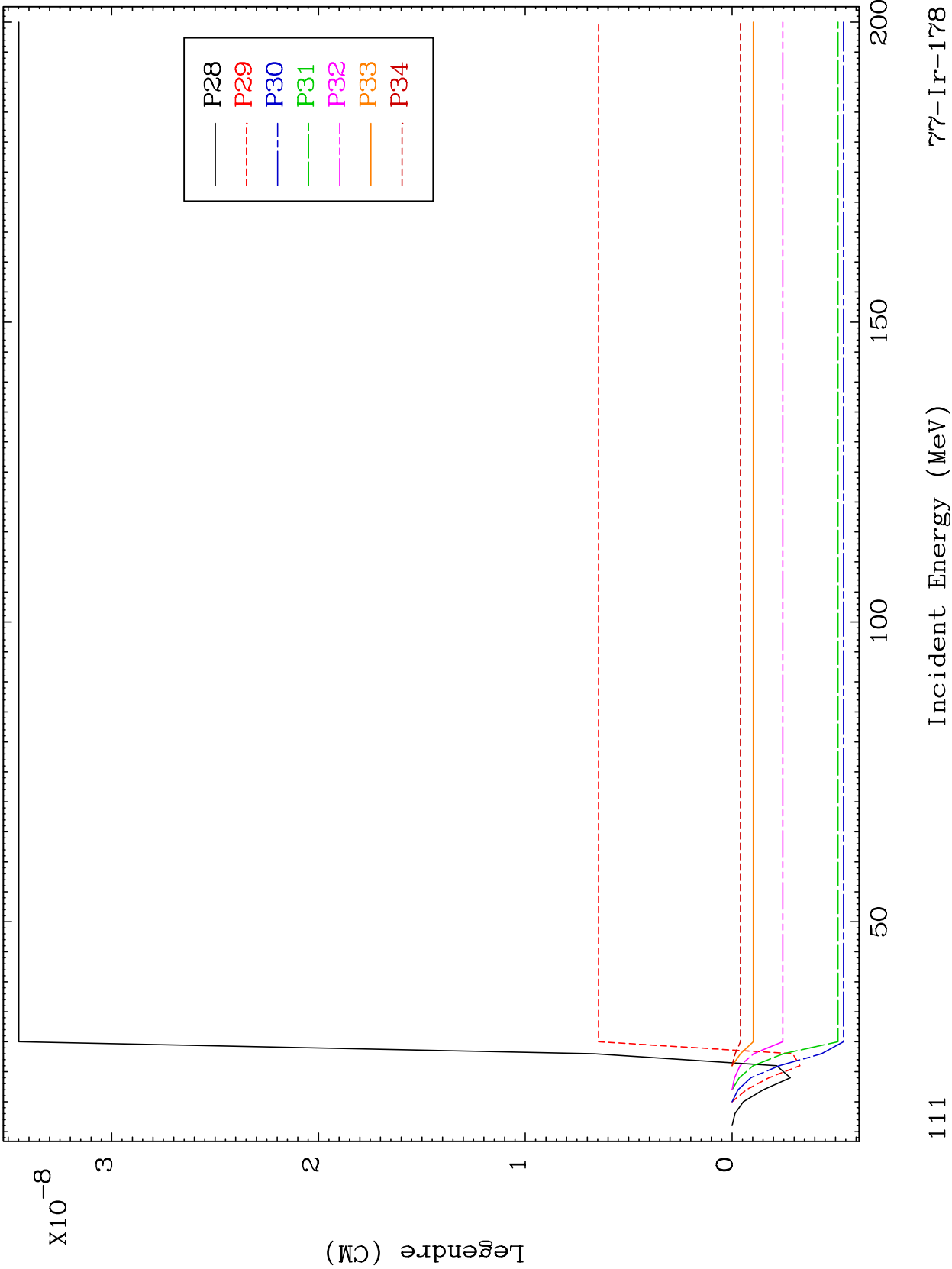
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



111

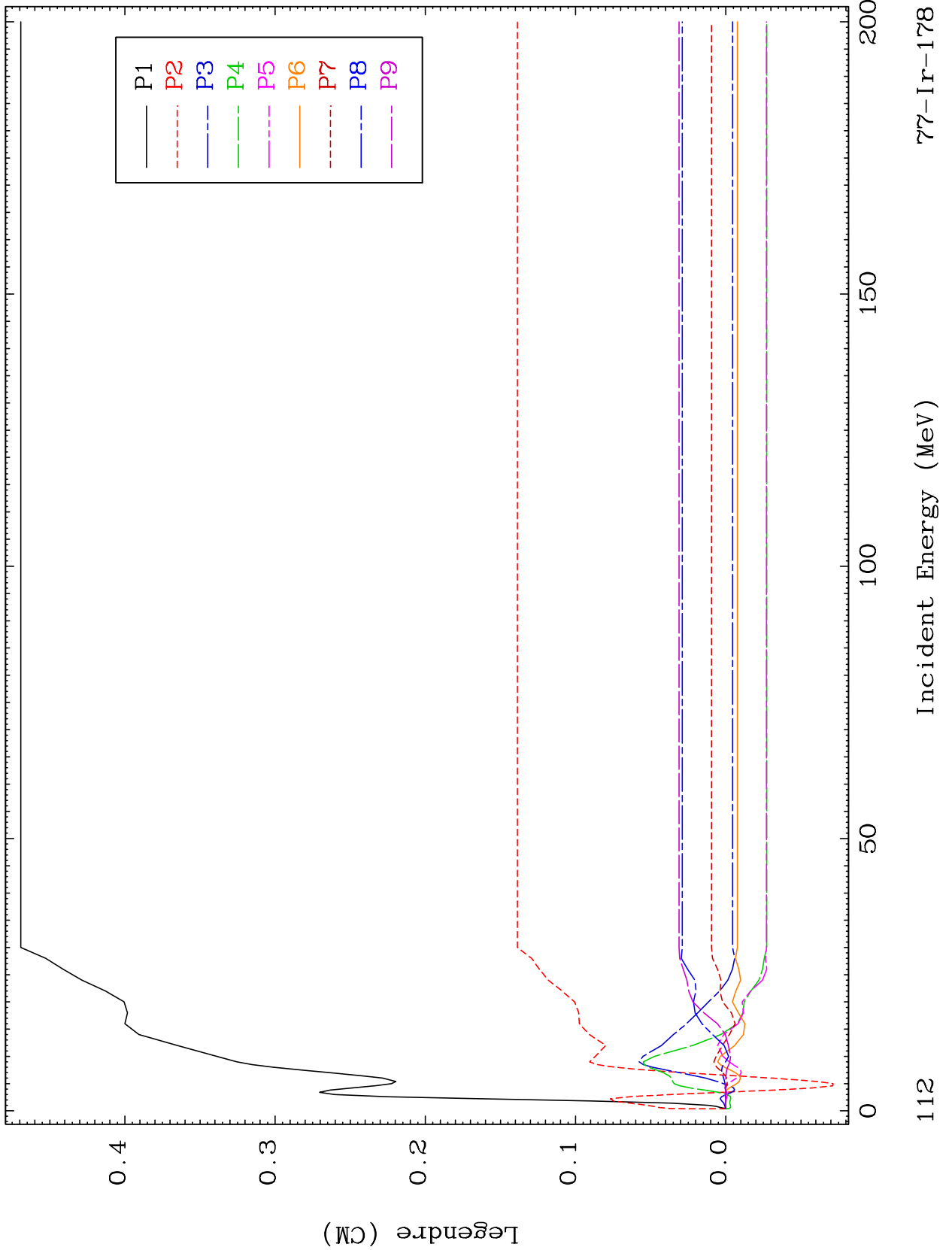
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



77-Ir-178

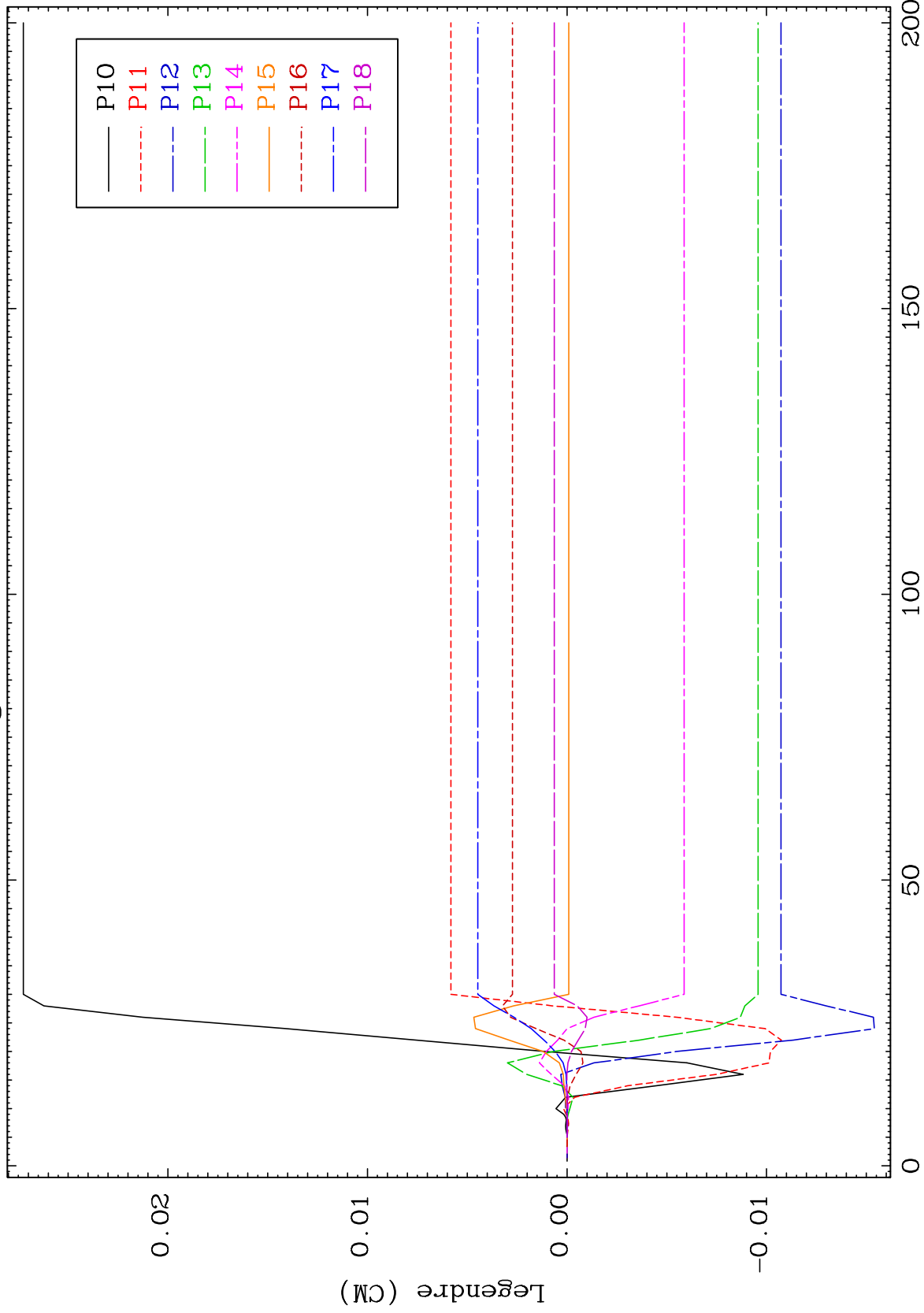
Incident Energy (MeV)

112

MAT 7686

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

77-Ir-178



113

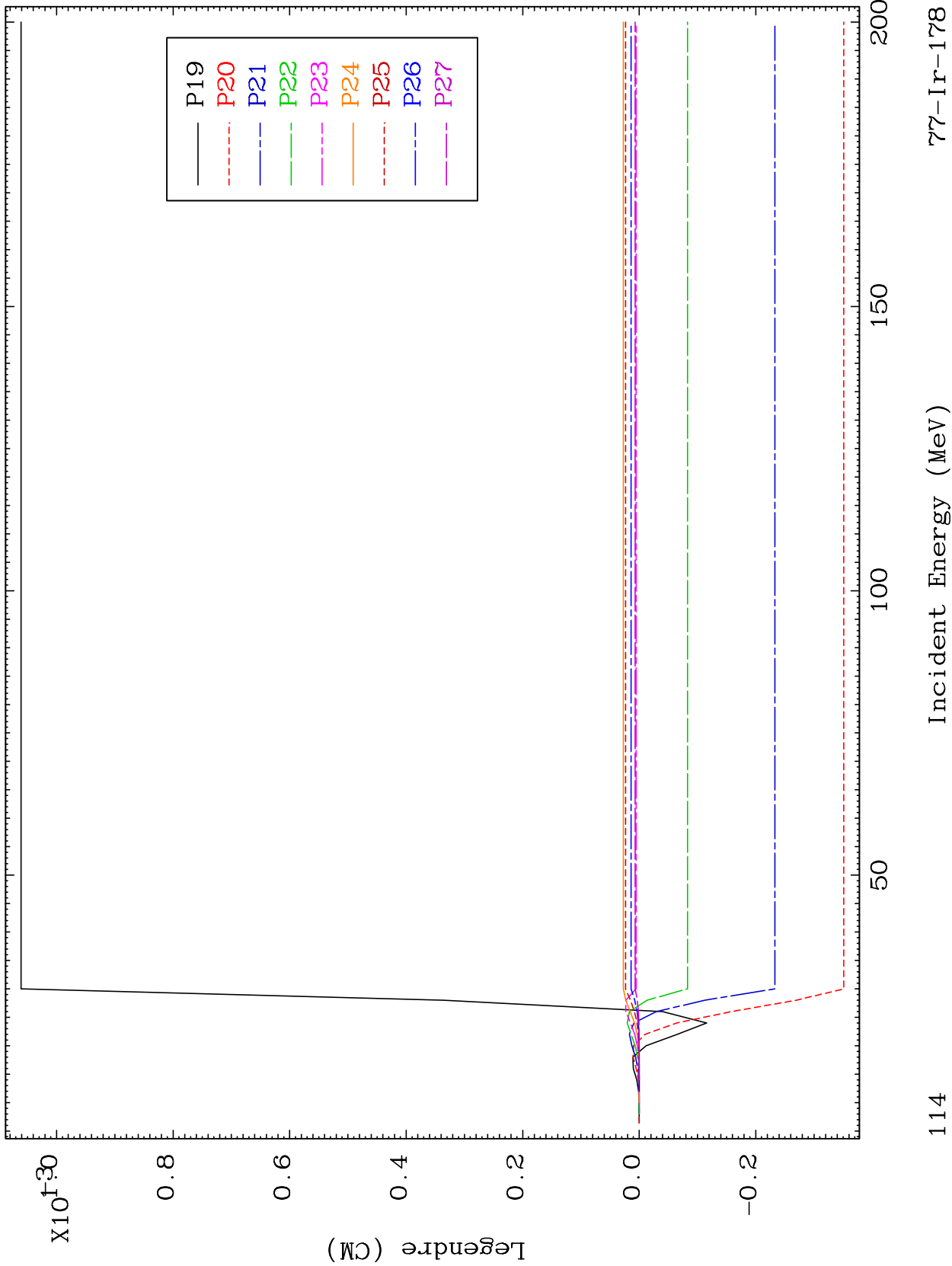
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



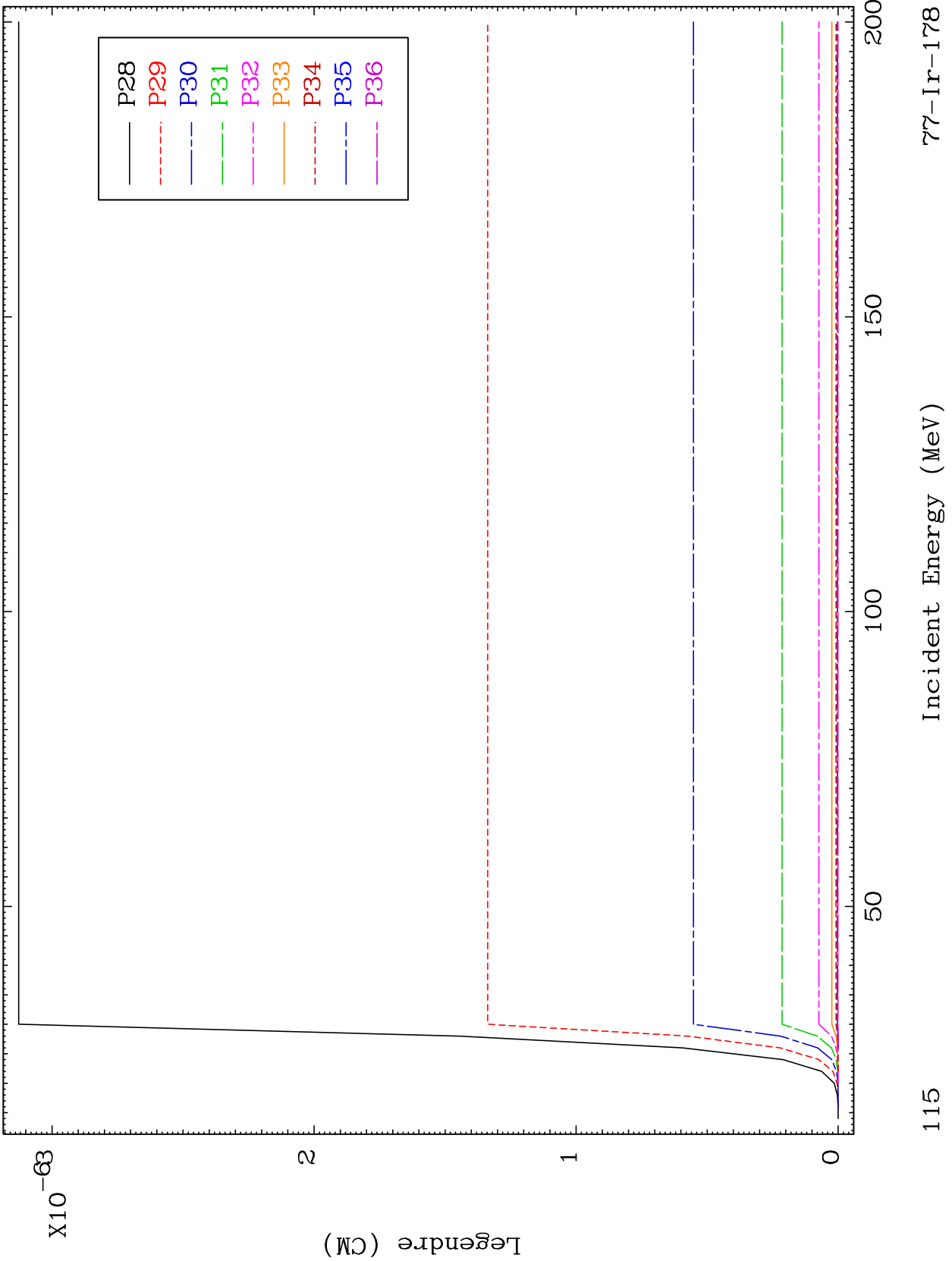
114

77-Ir-178

MAT 7686

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

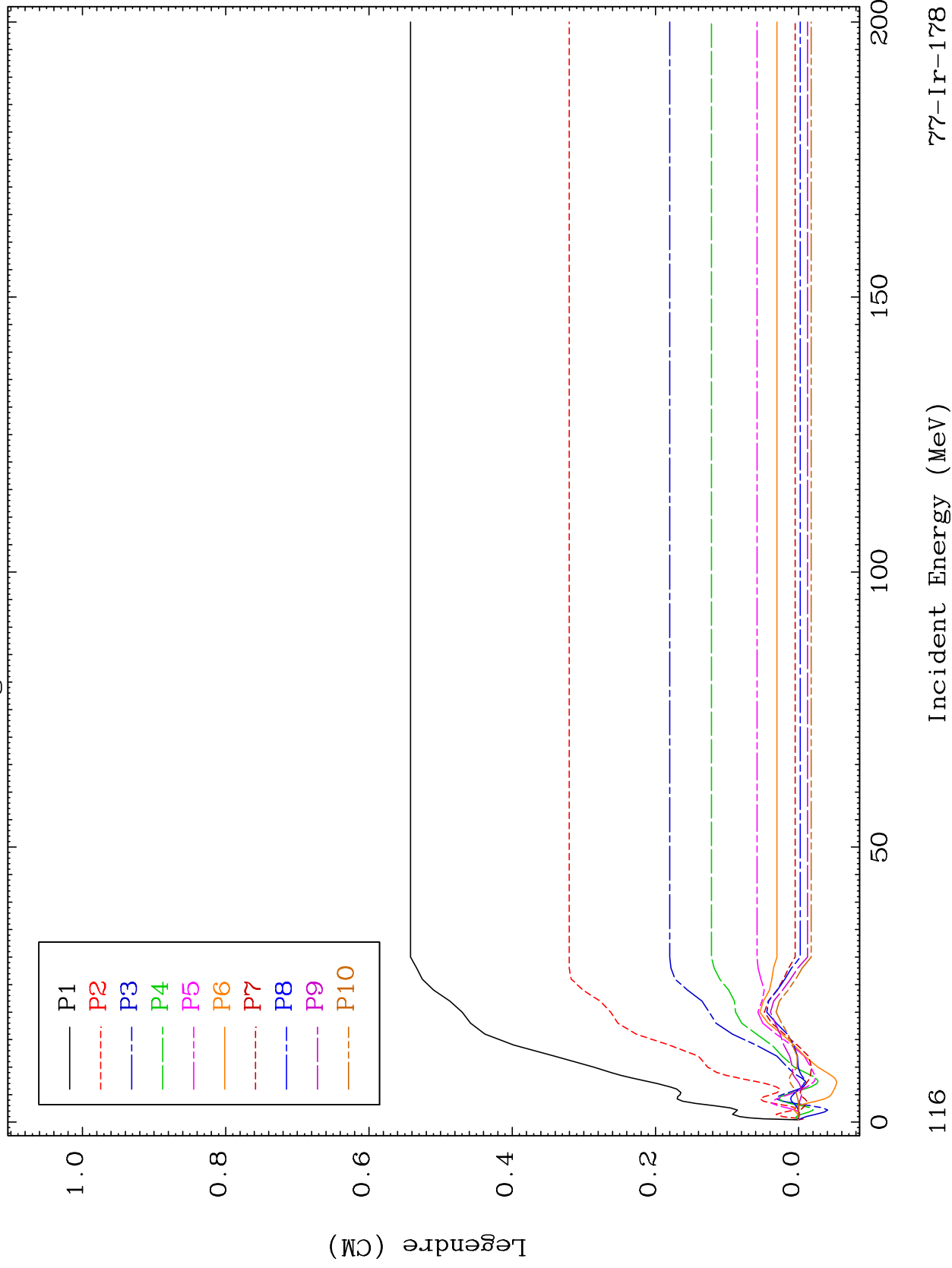
77-Ir-178



MAT 7686

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

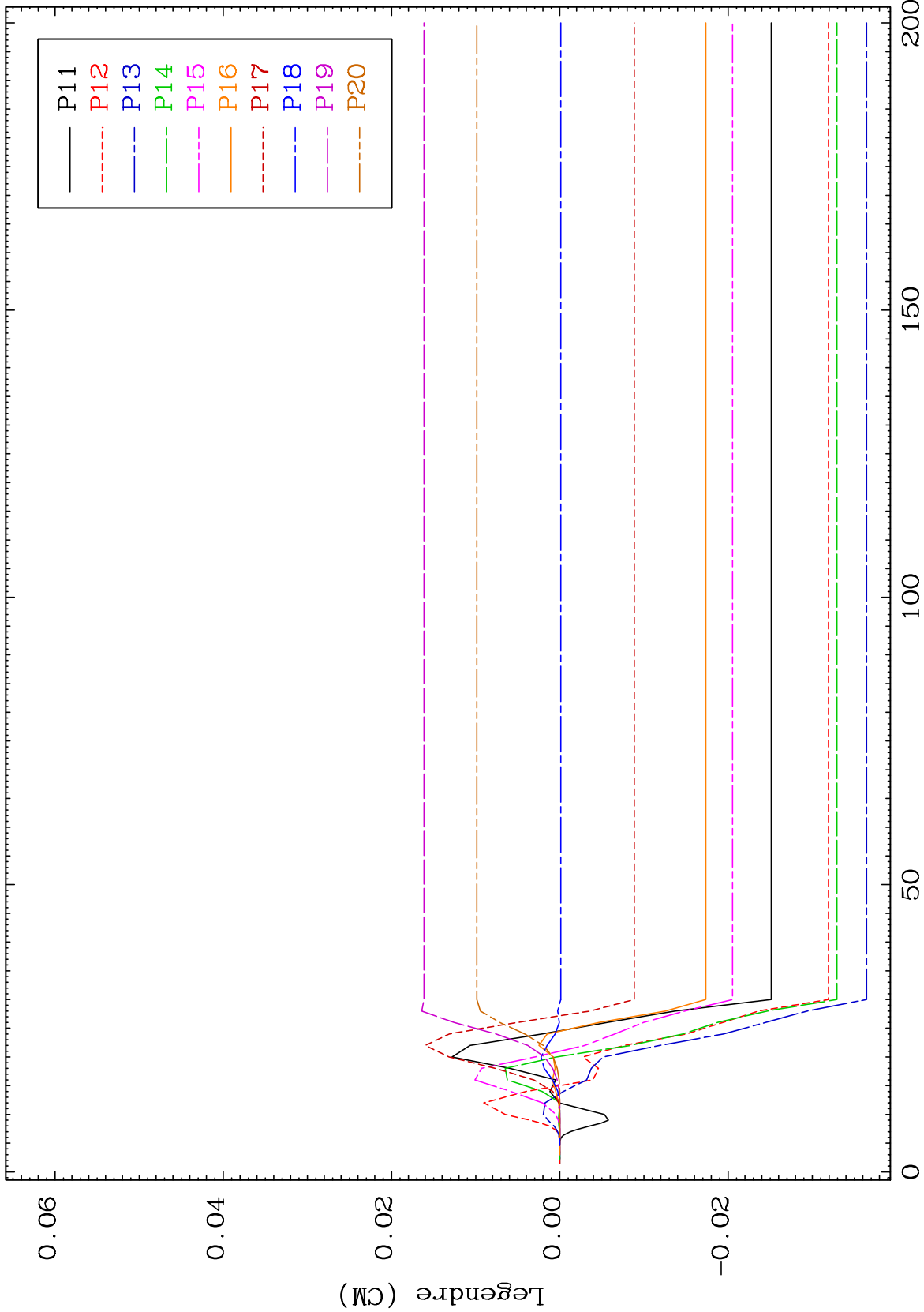
77-Ir-178



MAT 7686

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

77-Ir-178



117

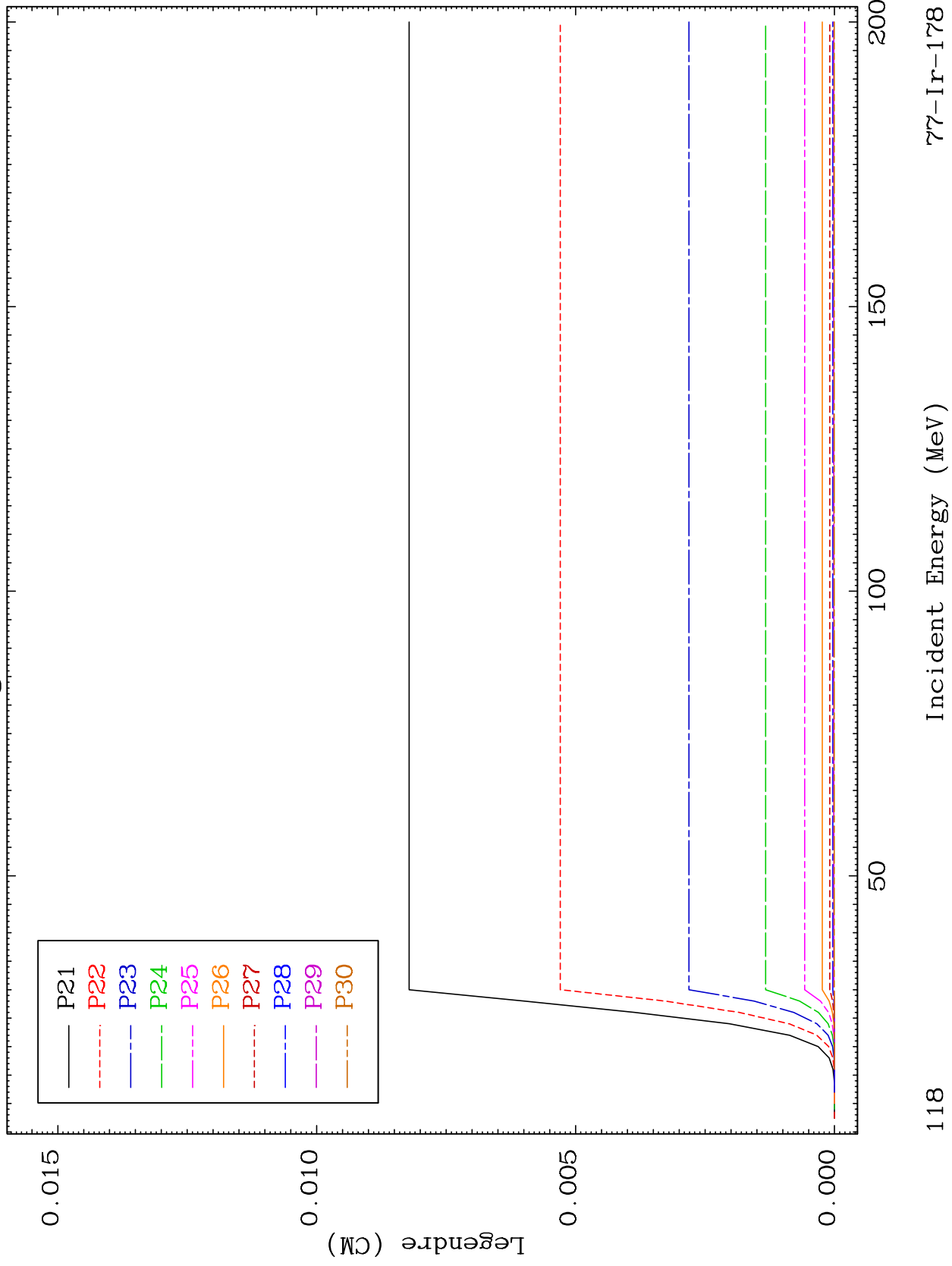
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



118

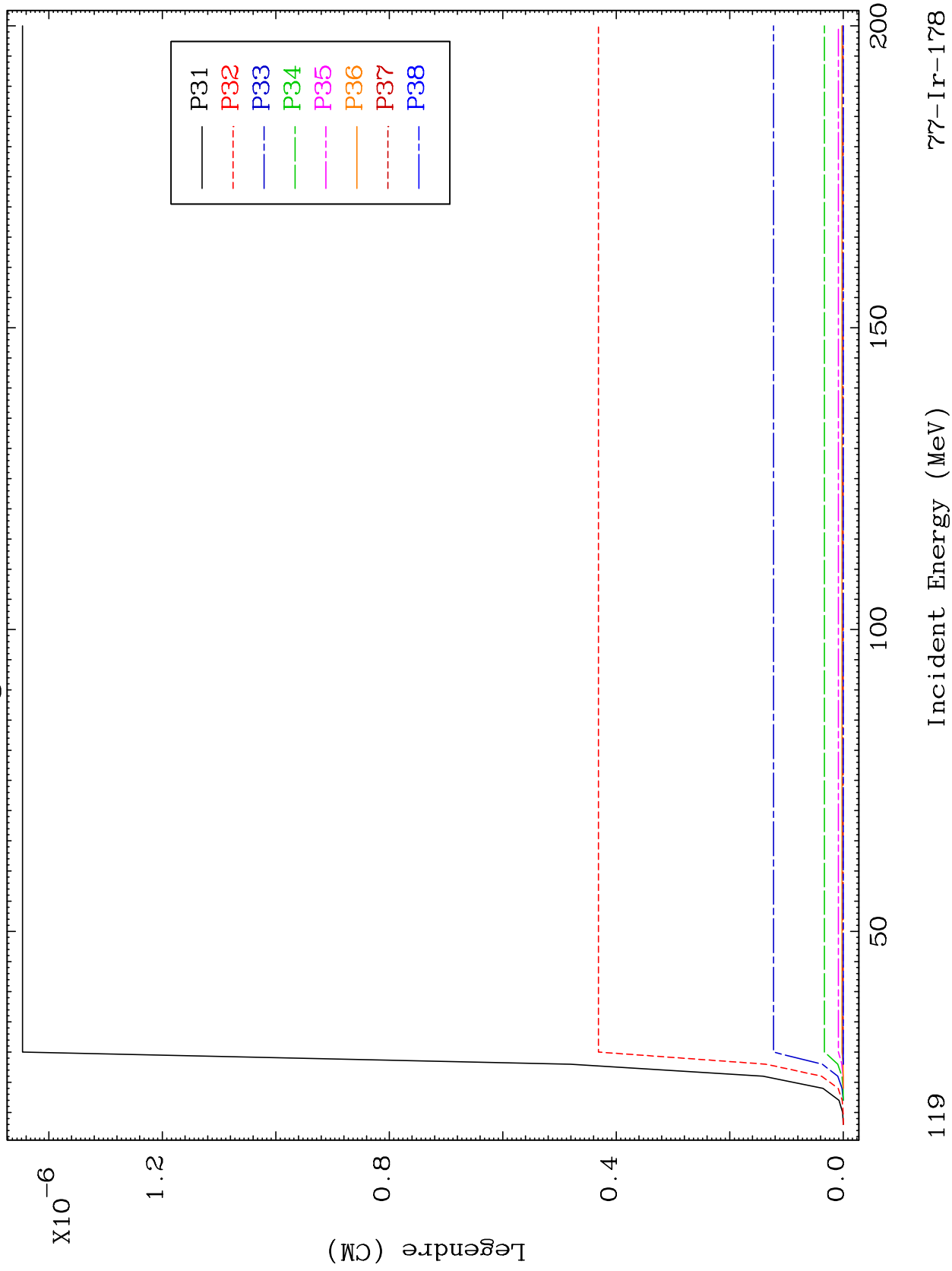
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



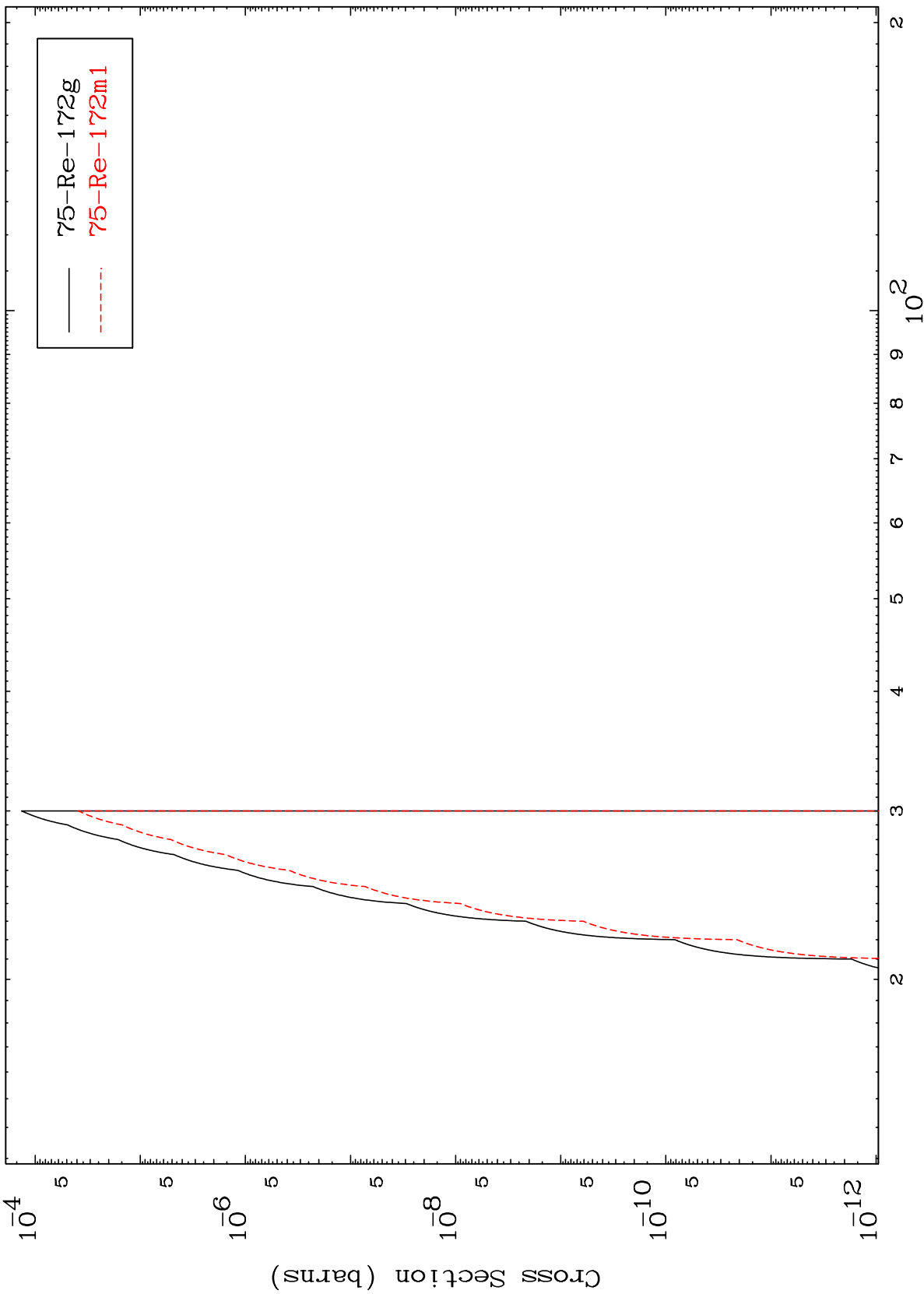
119

MAT 7686

(n,3n) α

⁷⁷Ir-178

Radionuclide Production Cross Section



— 75-Re-172g
- - - 75-Re-172m1

120

Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

(n,3α)

⁷⁷Ir-178

Radionuclide Production Cross Section

