

Program EVALPLOT
(Version 2021-1)

by

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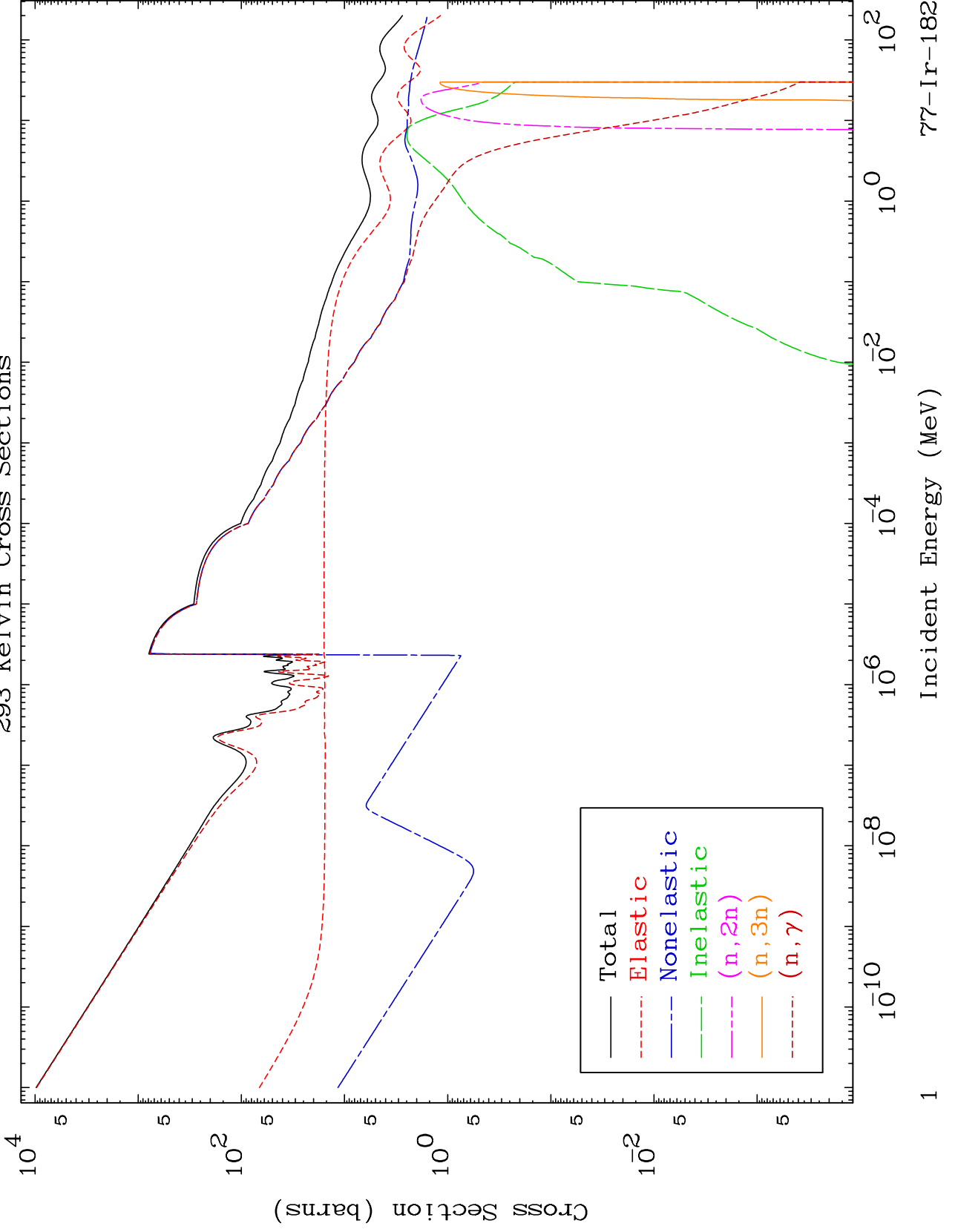
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Press Mouse Button to Start

MAT 7698

Neutron Major
293 Kelvin Cross Sections

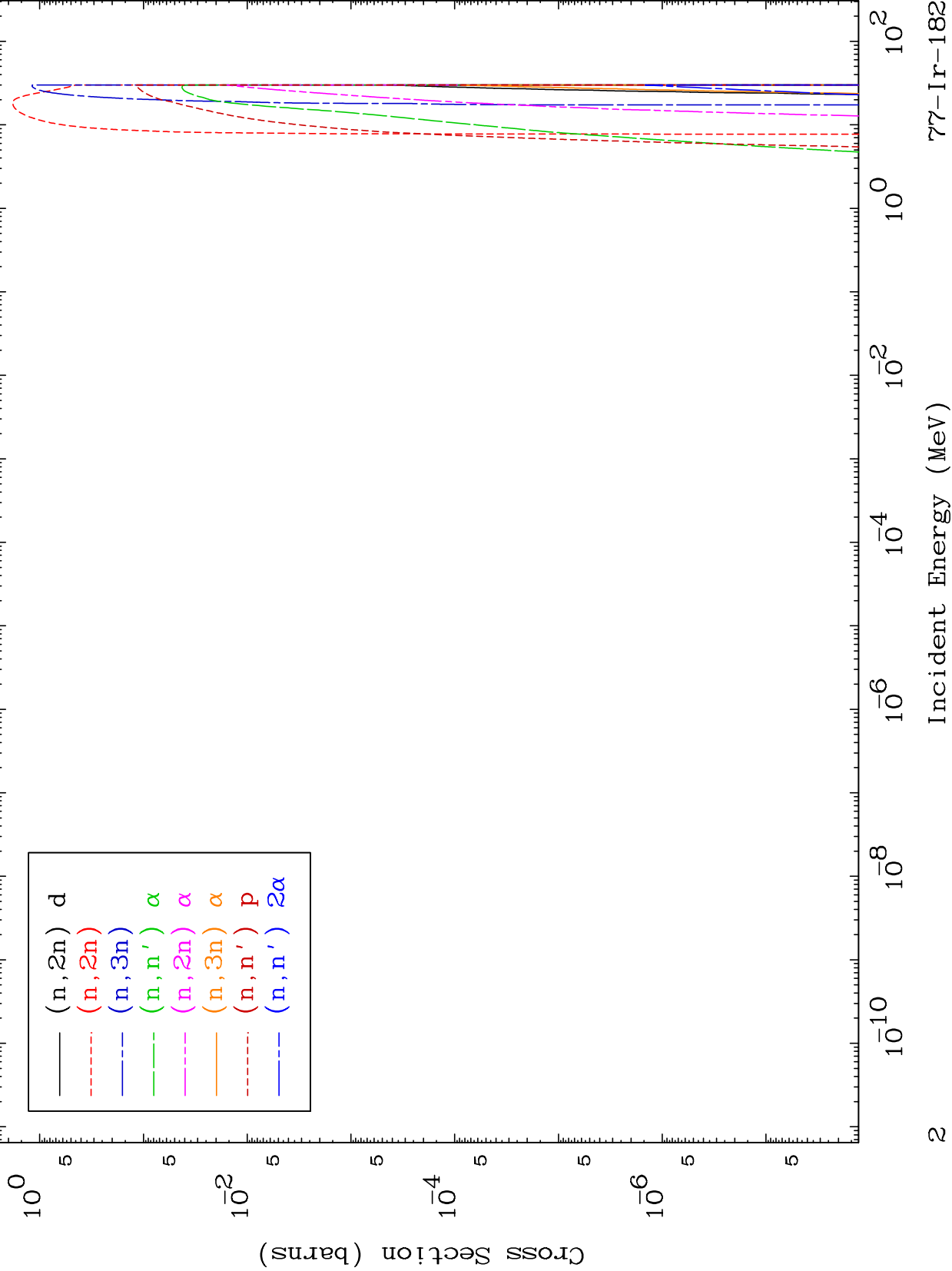
⁷⁷Ir-182



MAT 7698

Neutron Absorption
293 Kelvin Cross Sections

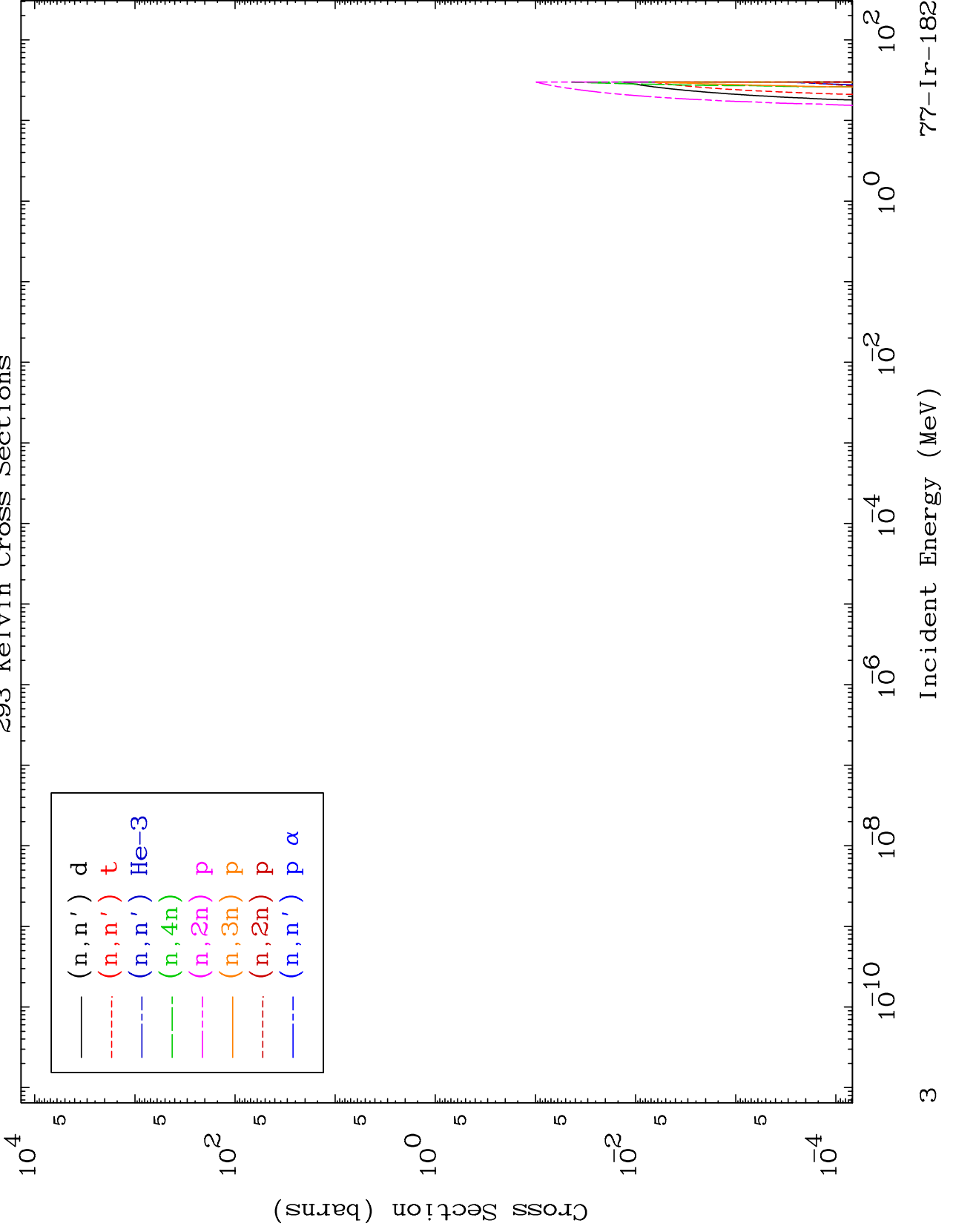
77-Ir-182



MAT 7698

Neutron Absorption
293 Kelvin Cross Sections

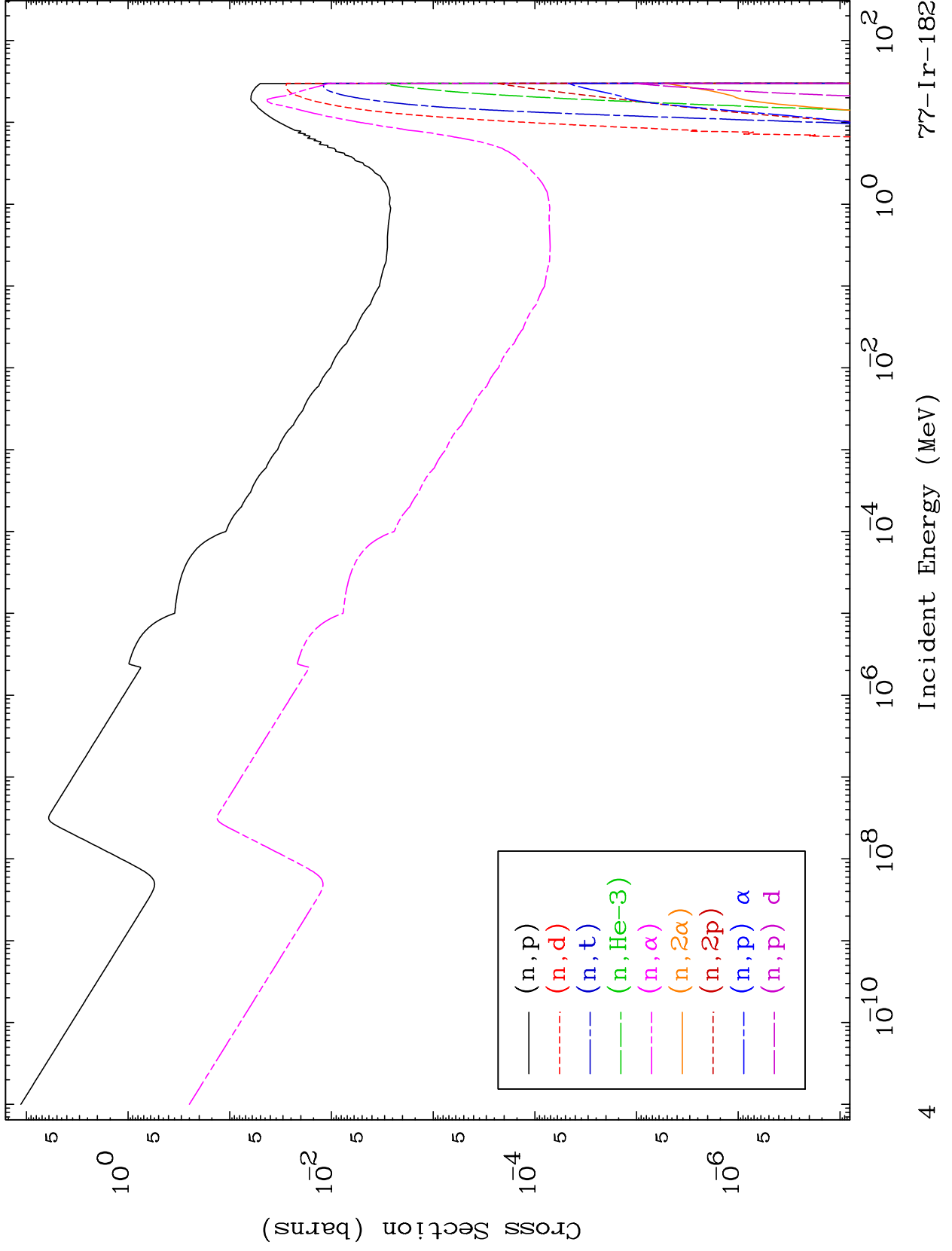
77-Ir-182

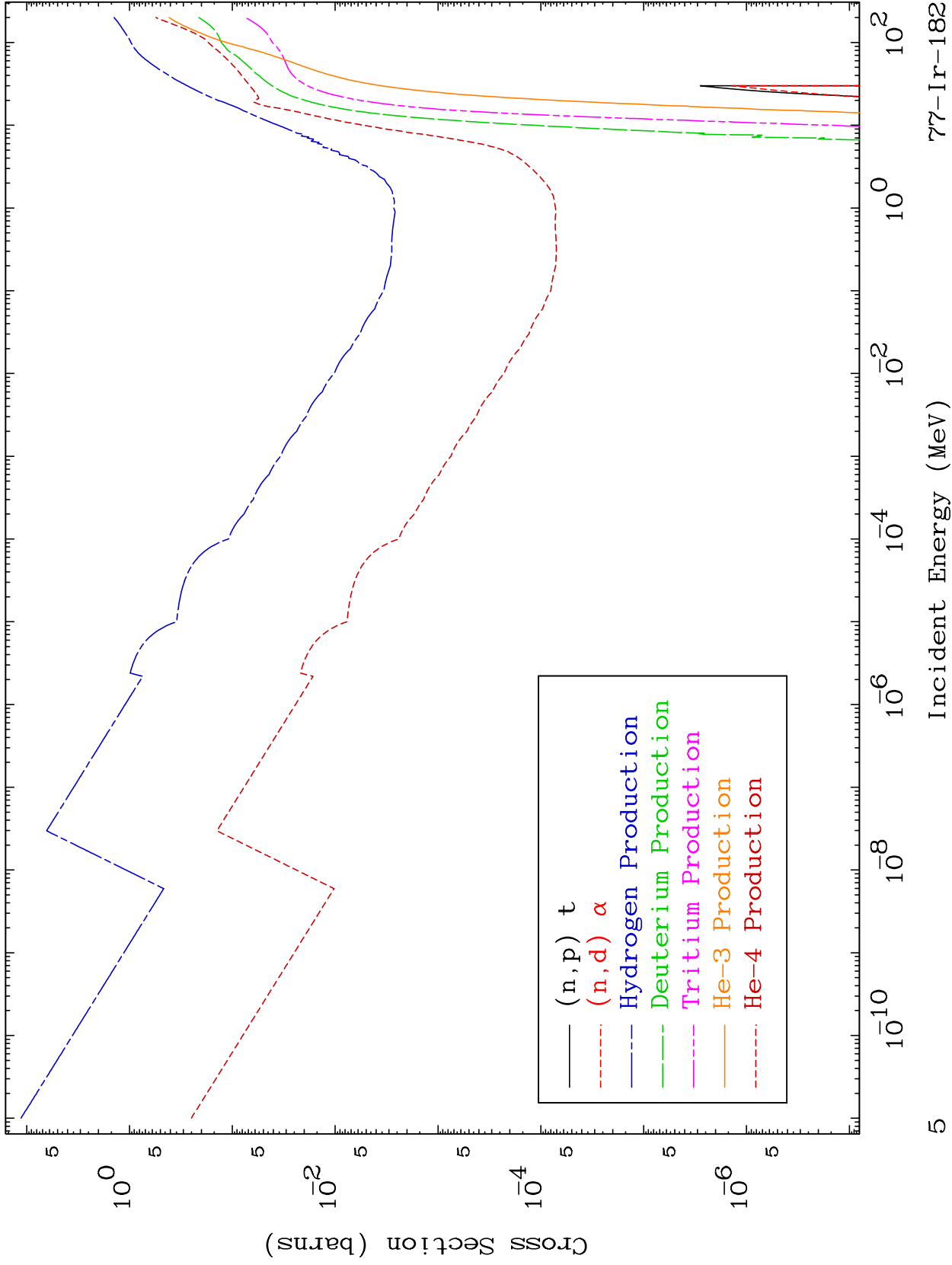


MAT 7698

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-182

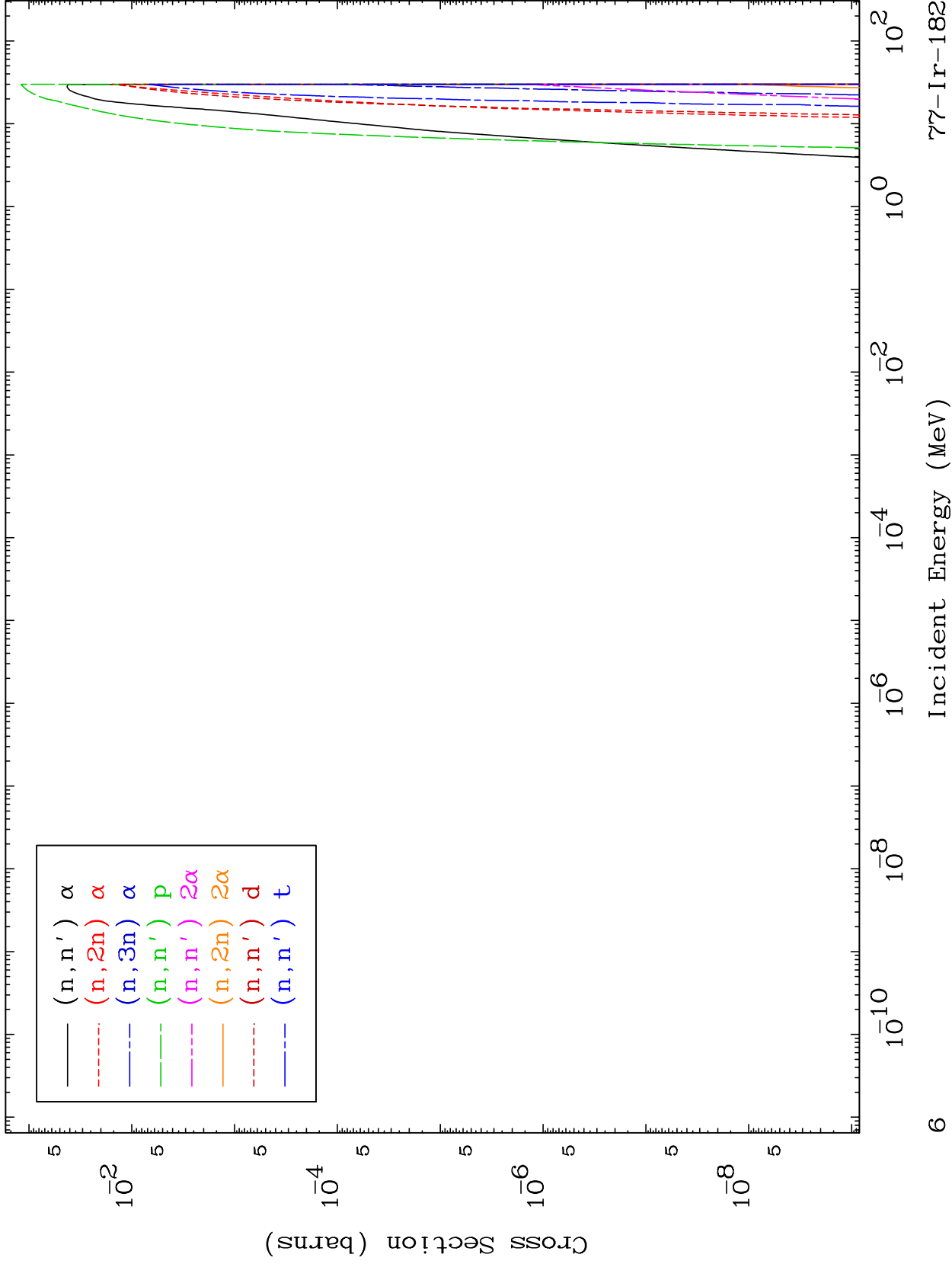




MAT 7698

Charged Particle
293 Kelvin Cross Sections

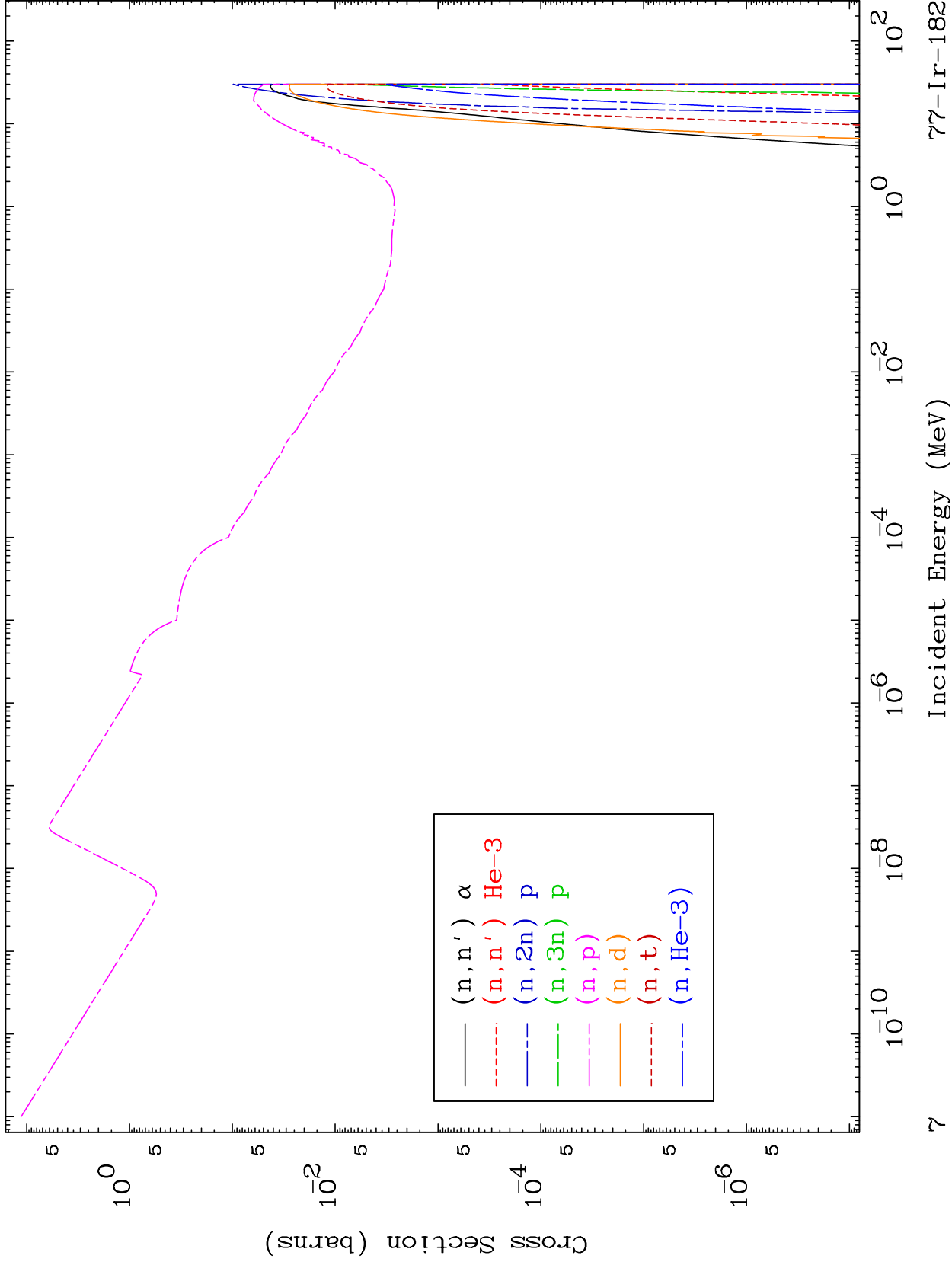
⁷⁷Ir-182



MAT 7698

Charged Particle
293 Kelvin Cross Sections

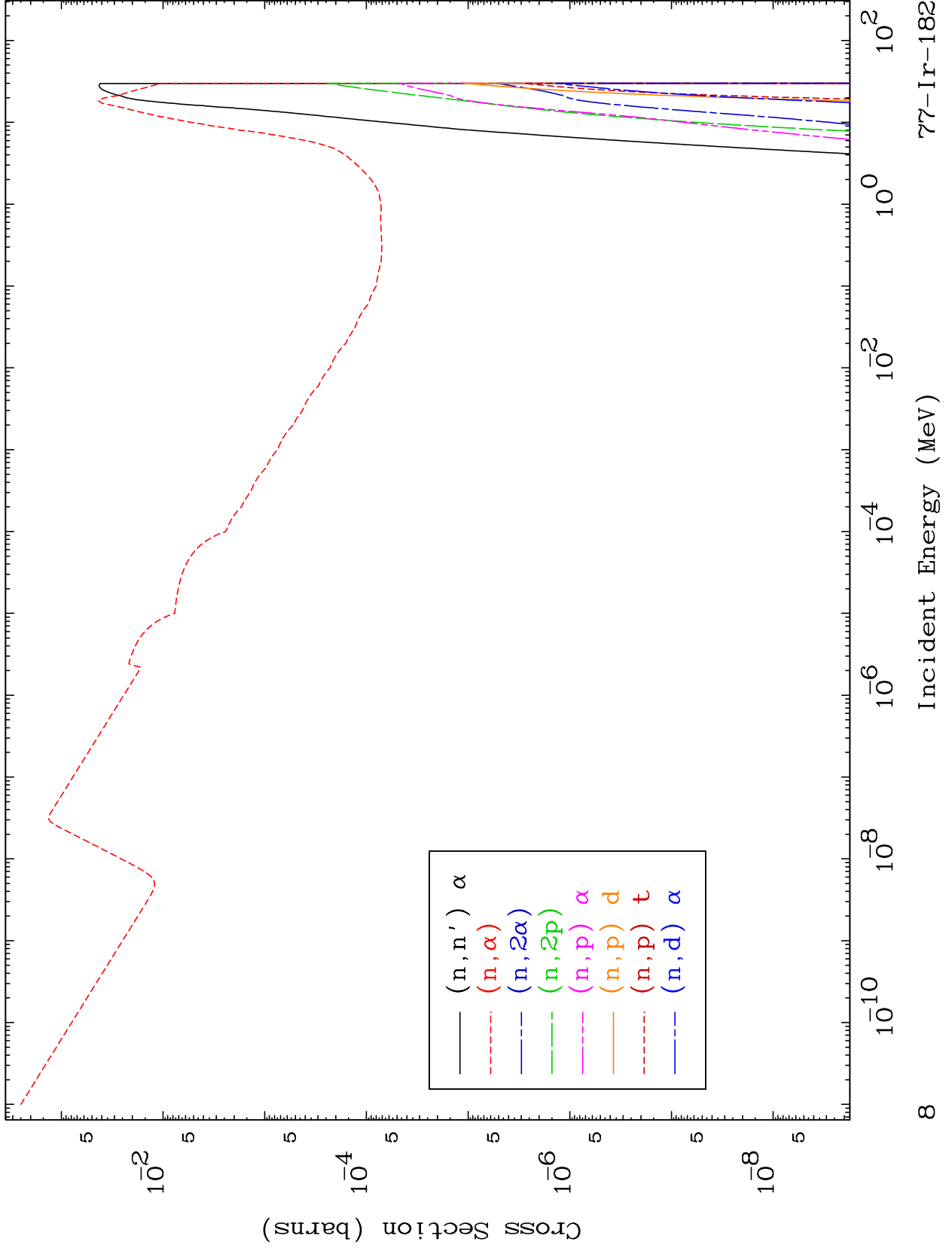
77-Ir-182

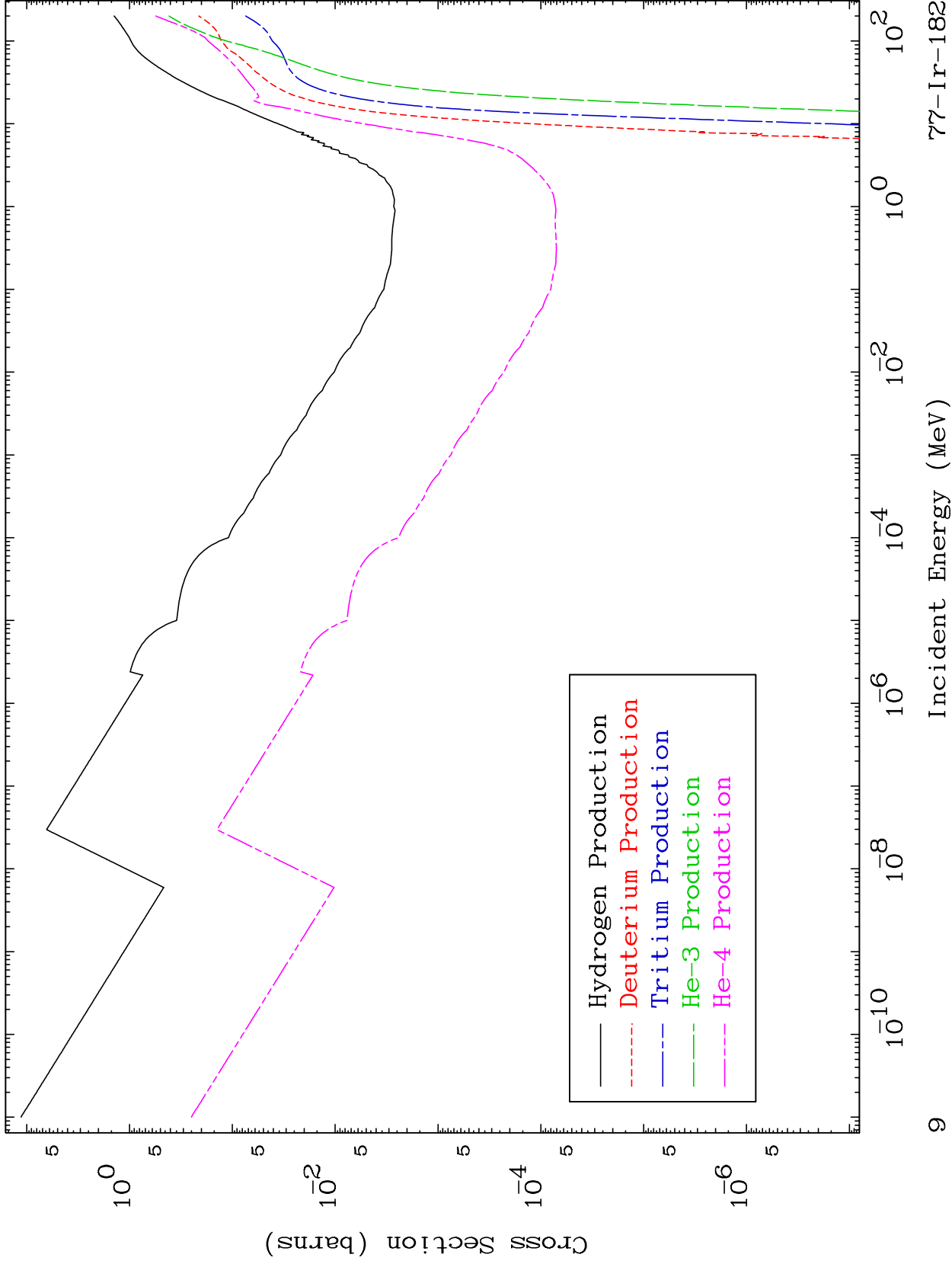


MAT 7698

Charged Particle
293 Kelvin Cross Sections

77-Ir-182

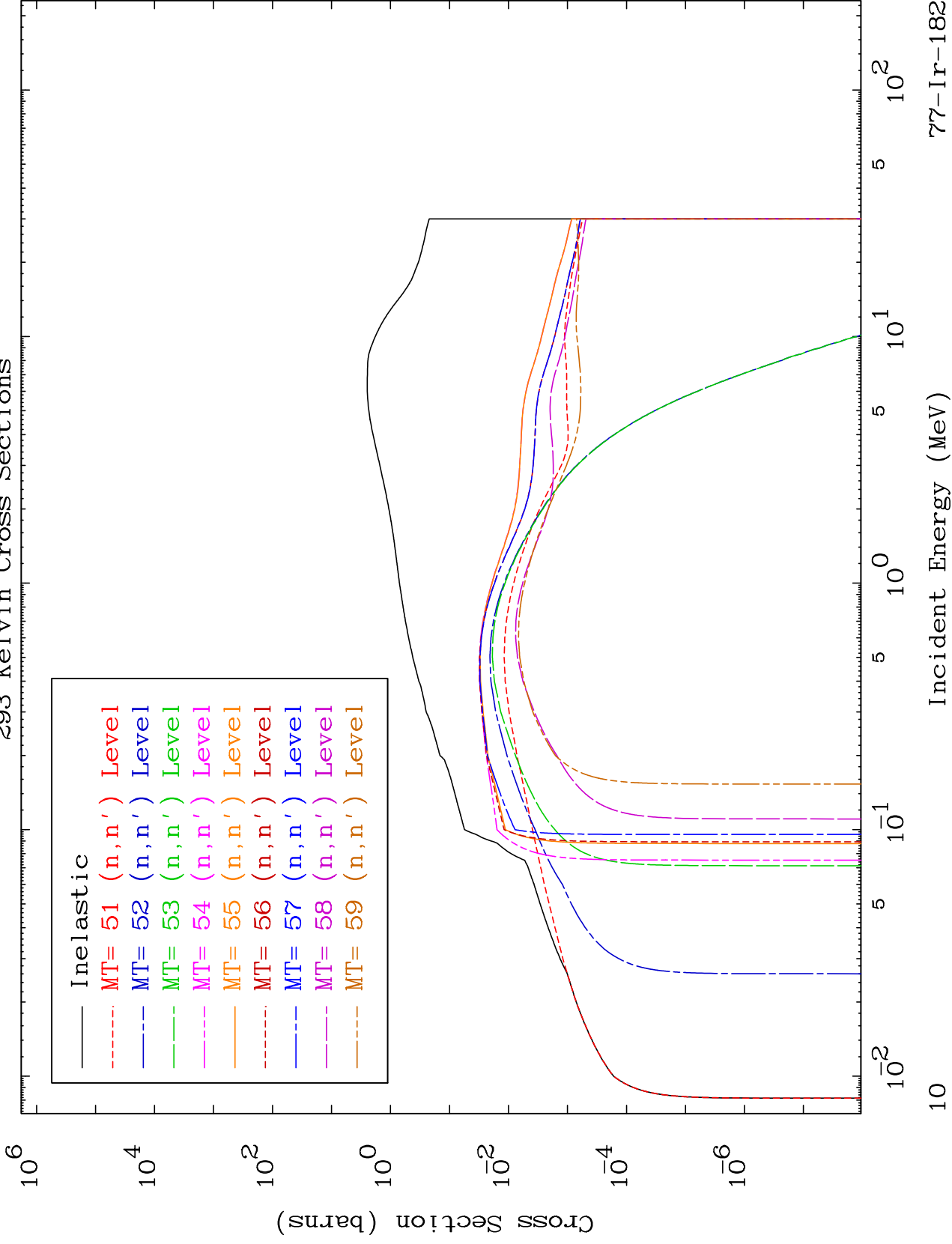




MAT 7698

(n,n') Levels
293 Kelvin Cross Sections

77-Ir-182

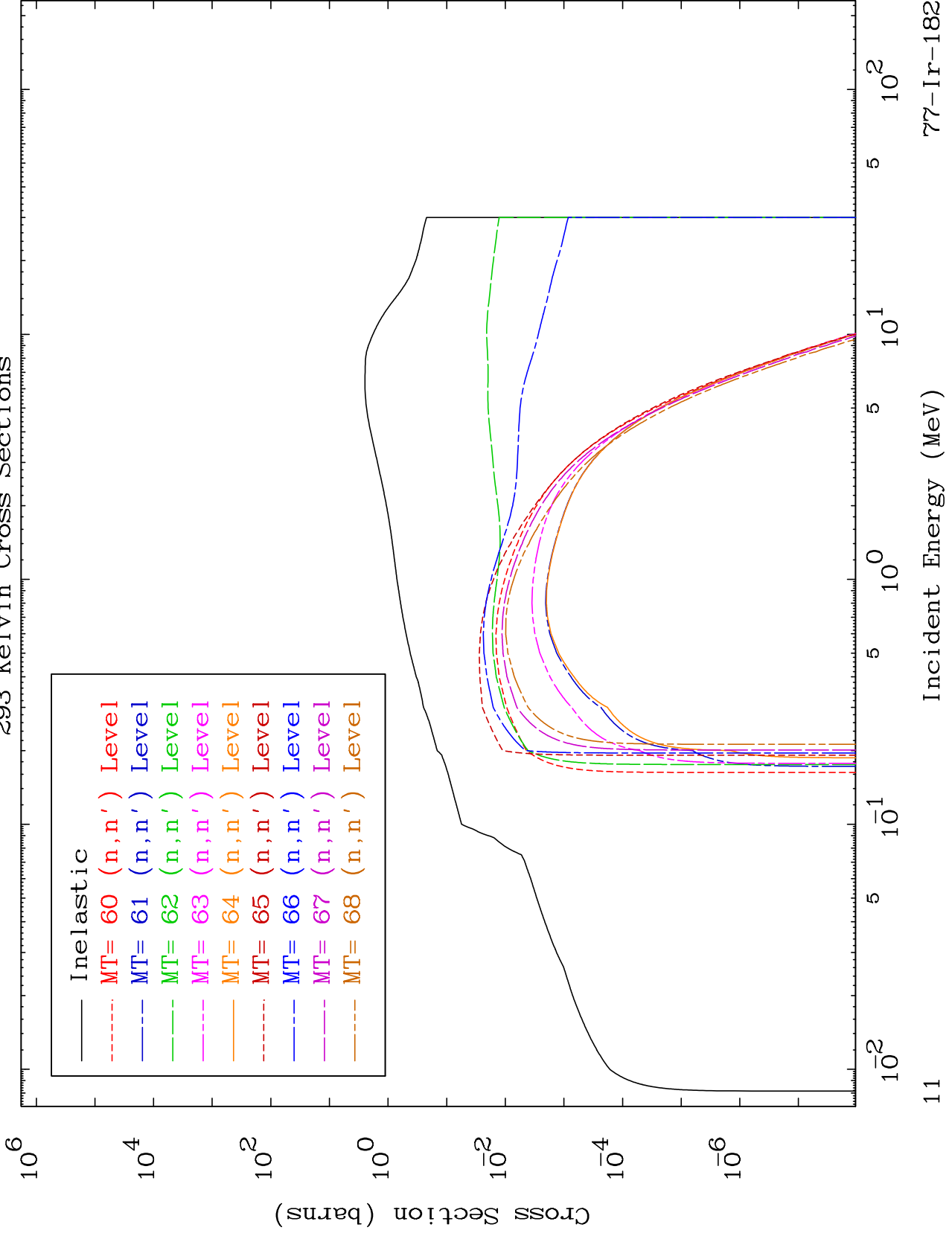


77-Ir-182

MAT 7698

(n,n') Levels
293 Kelvin Cross Sections

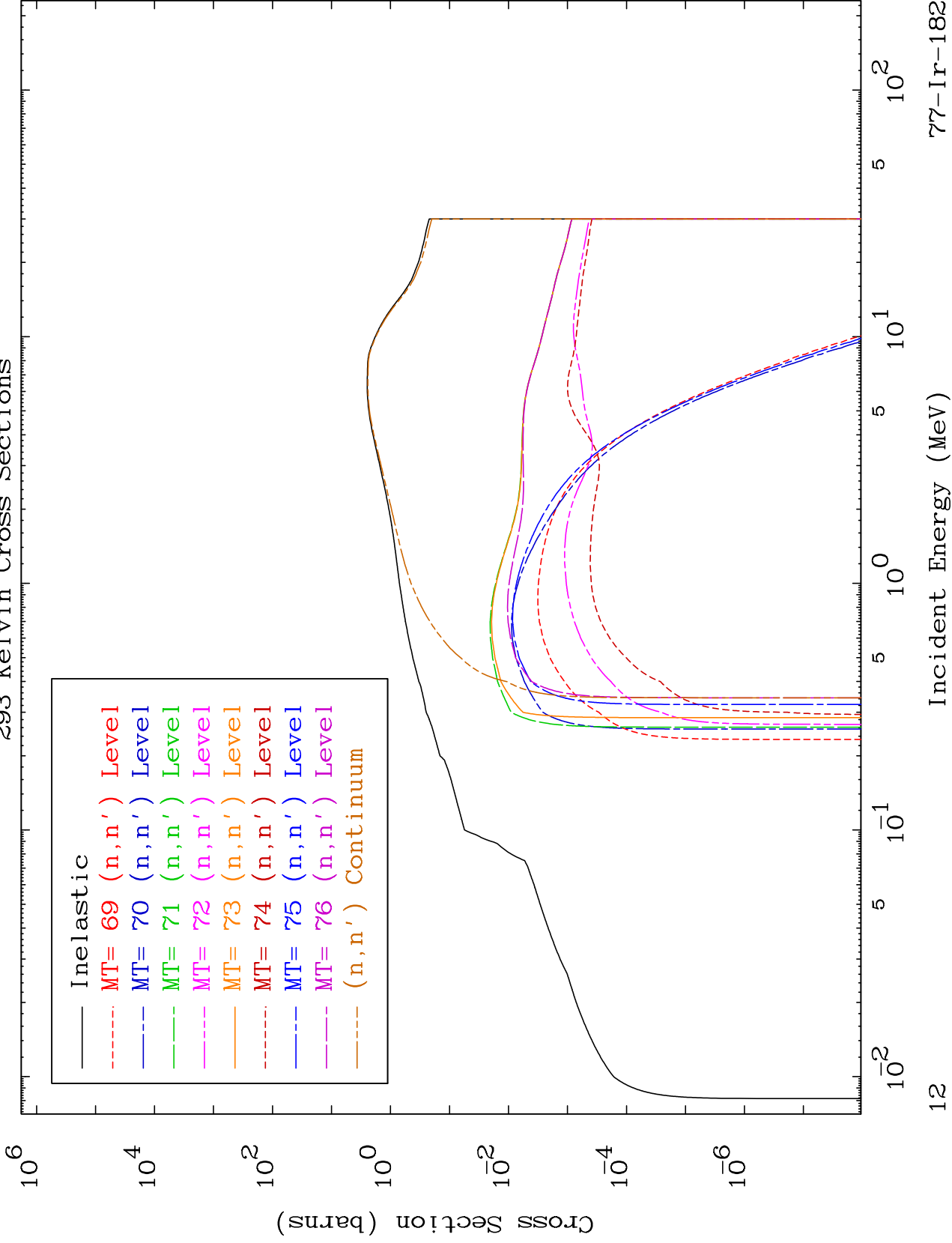
77-Ir-182



MAT 7698

(n,n') Levels
293 Kelvin Cross Sections

77-Ir-182



77-Ir-182

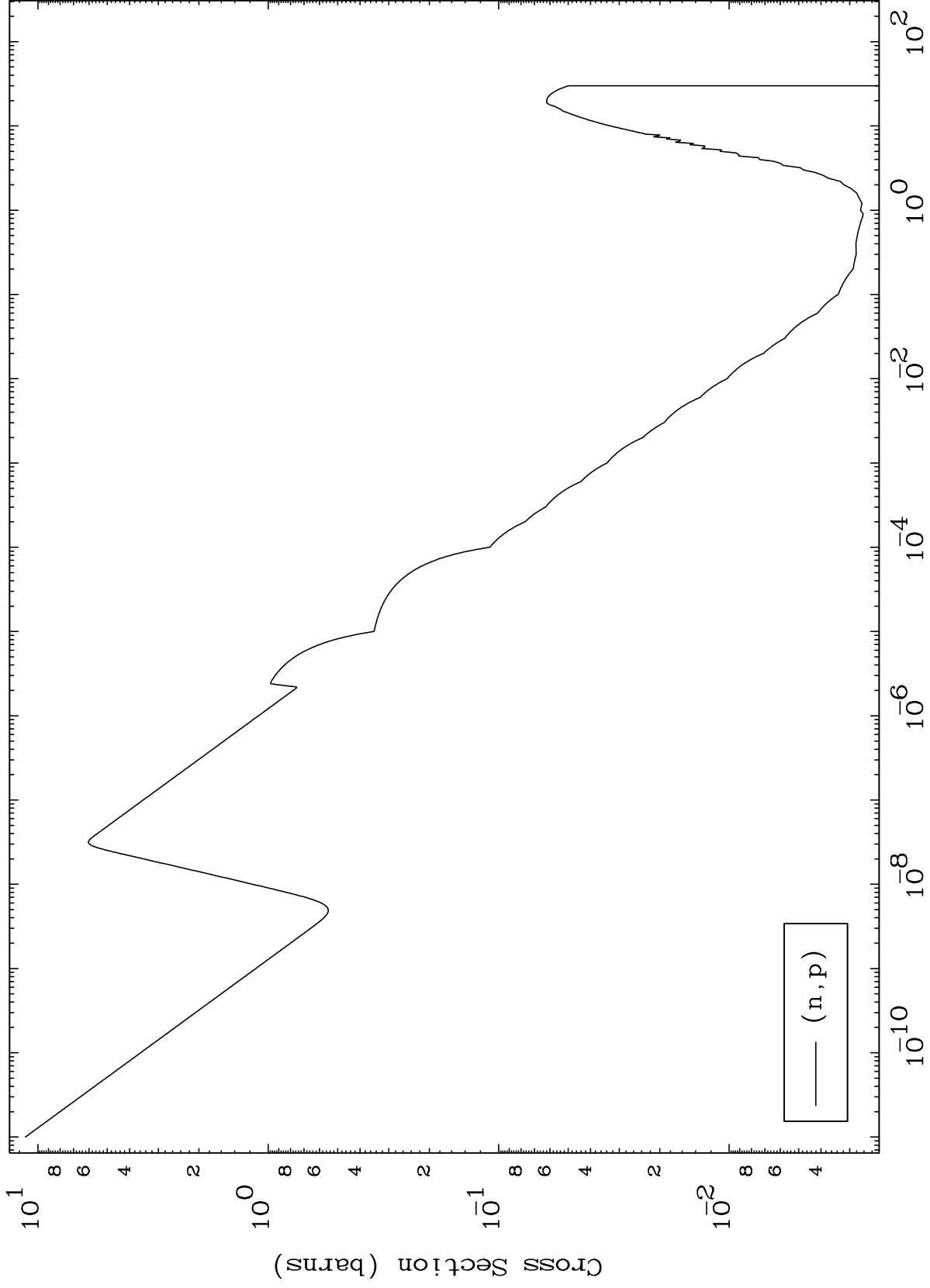
Incident Energy (MeV)

12

MAT 7698

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-182



13

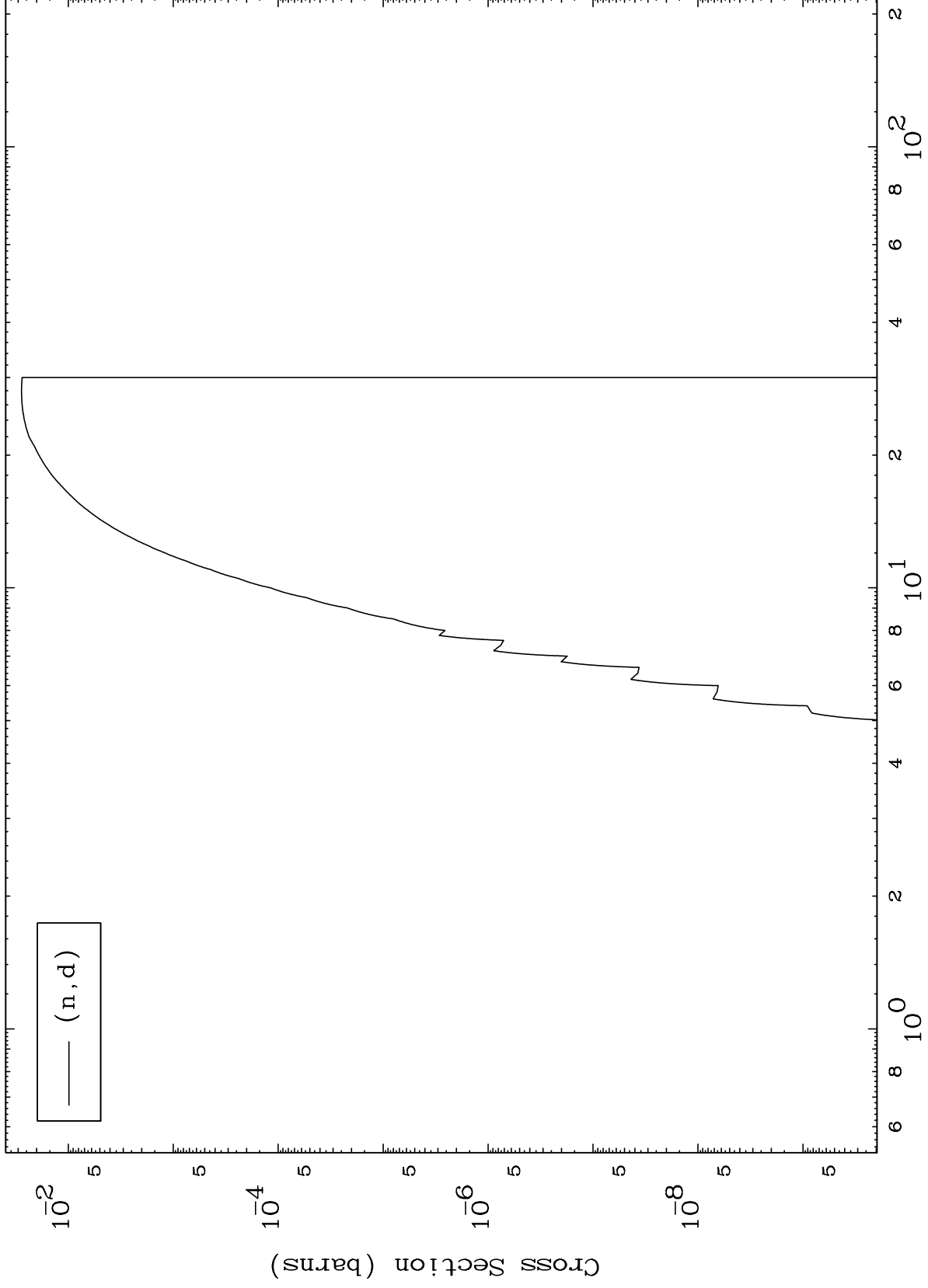
Incident Energy (MeV)

77-Ir-182

MAT 7698

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-182



14

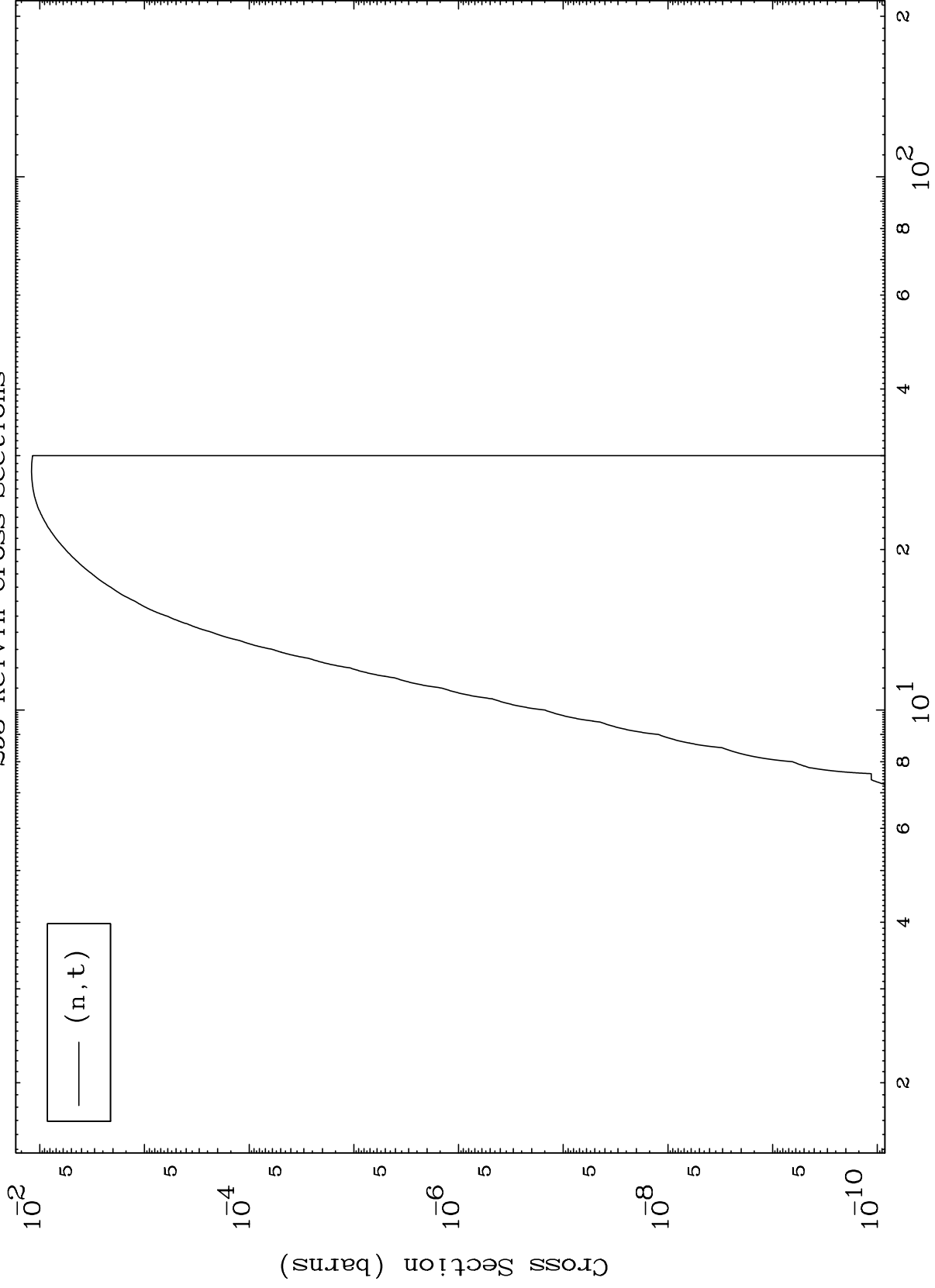
Incident Energy (MeV)

77-Ir-182

MAT 7698

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-182



15

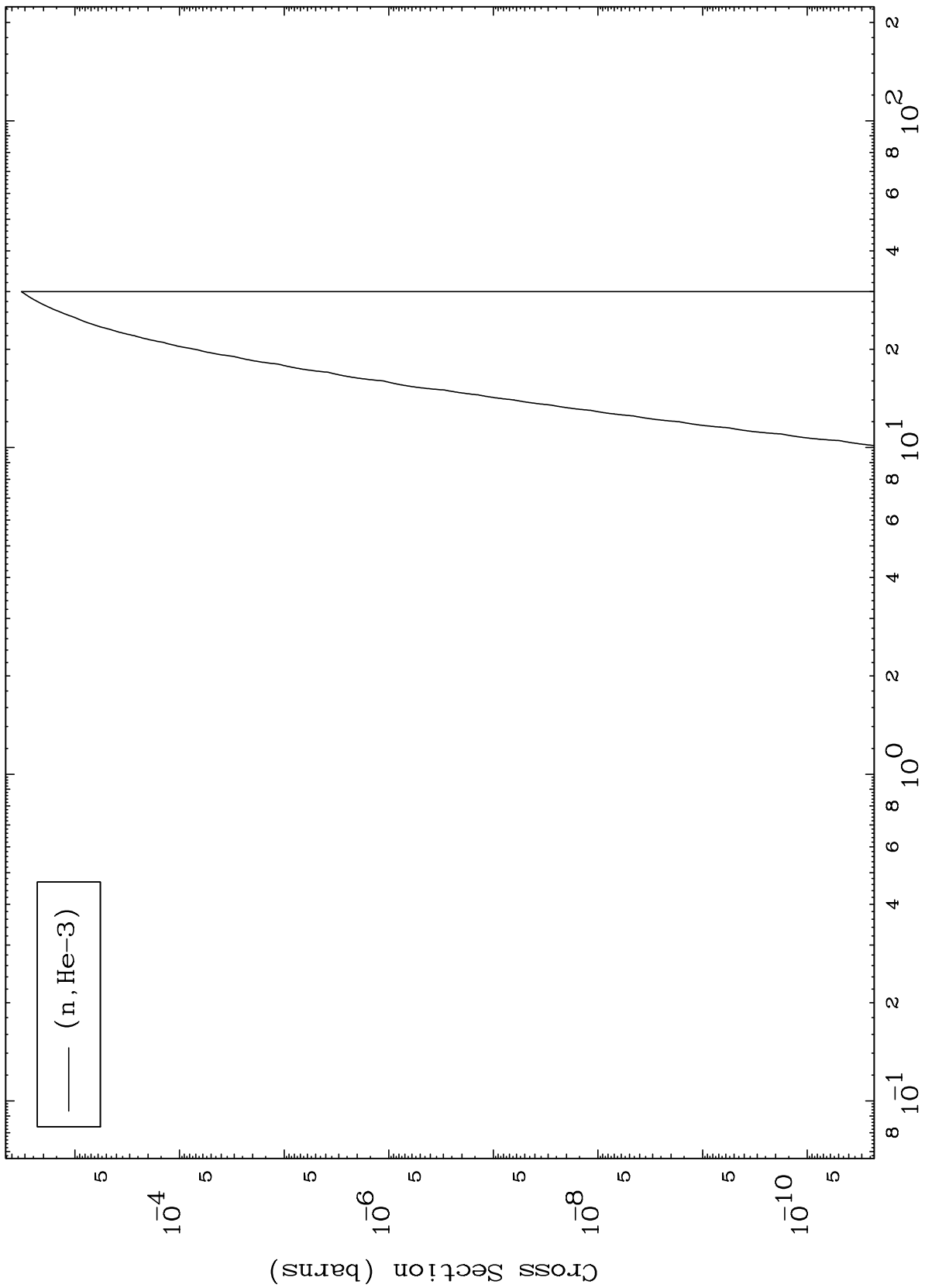
Incident Energy (MeV)

77-Ir-182

MAT 7698

(n,He3) Levels
293 Kelvin Cross Sections

⁷⁷Ir-182



16

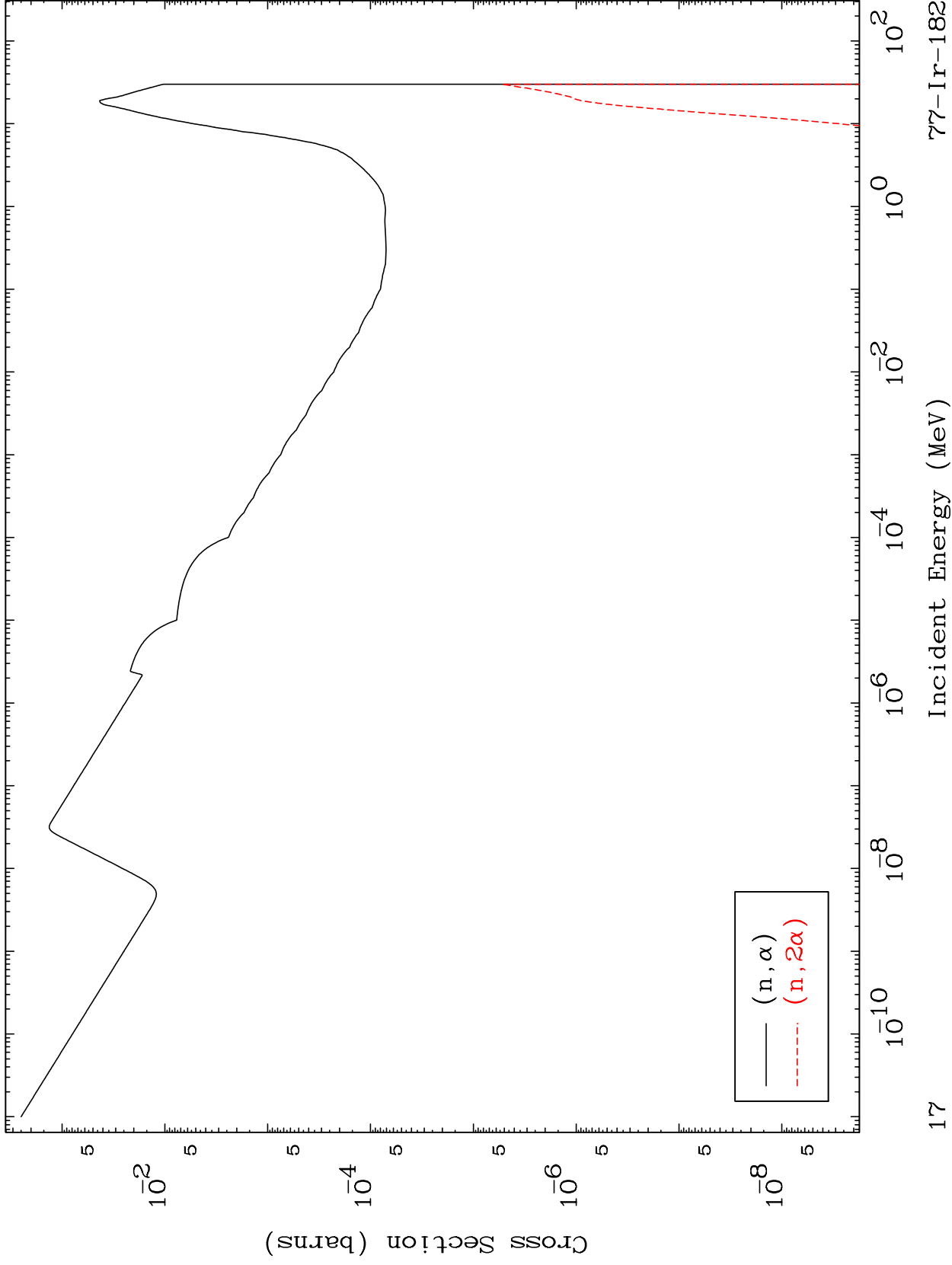
Incident Energy (MeV)

⁷⁷Ir-182

MAT 7698

(n, α) Levels
293 Kelvin Cross Sections

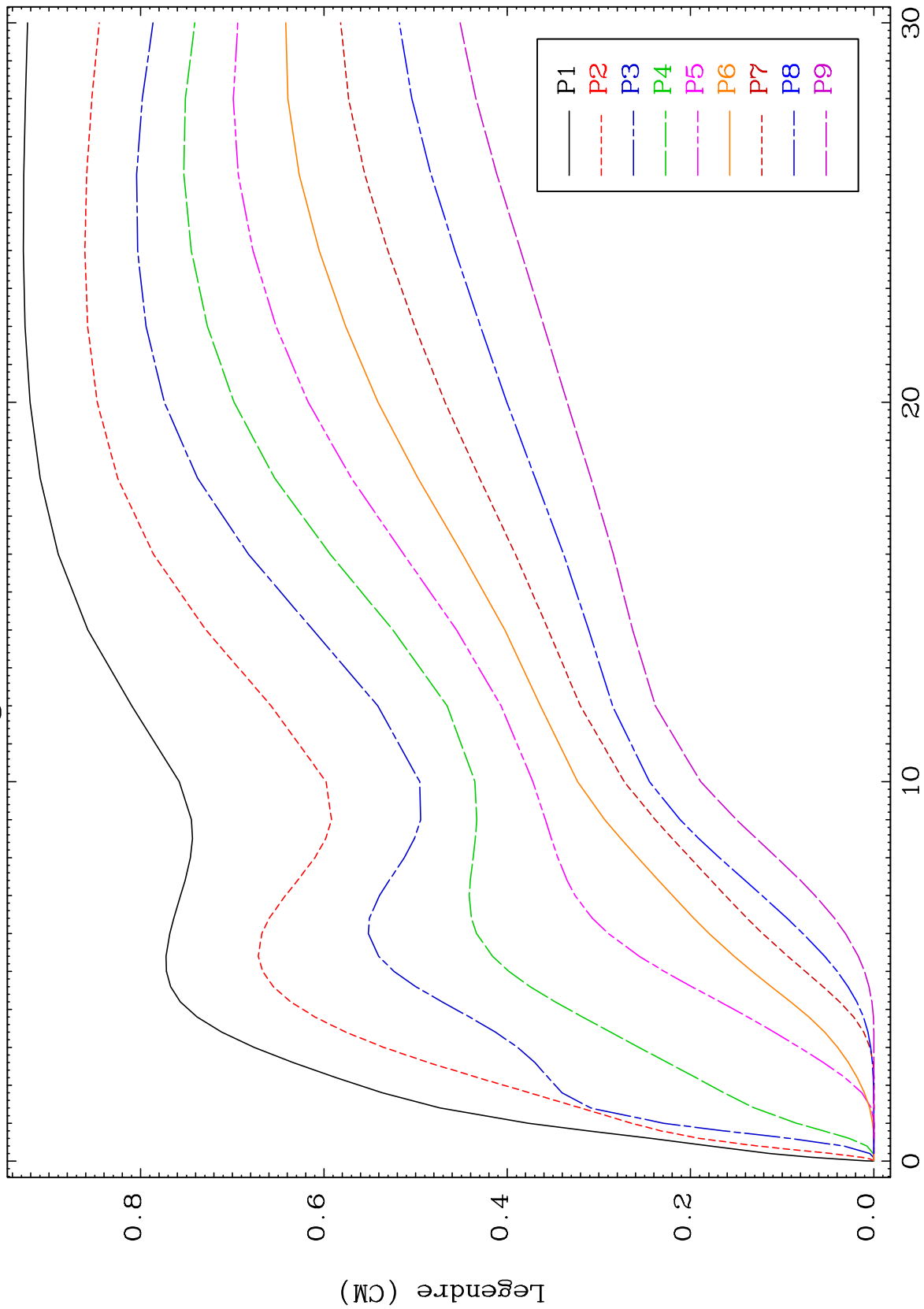
77-Ir-182



MAT 7698

Elastic Legendre Coefficients

77-Ir-182



18

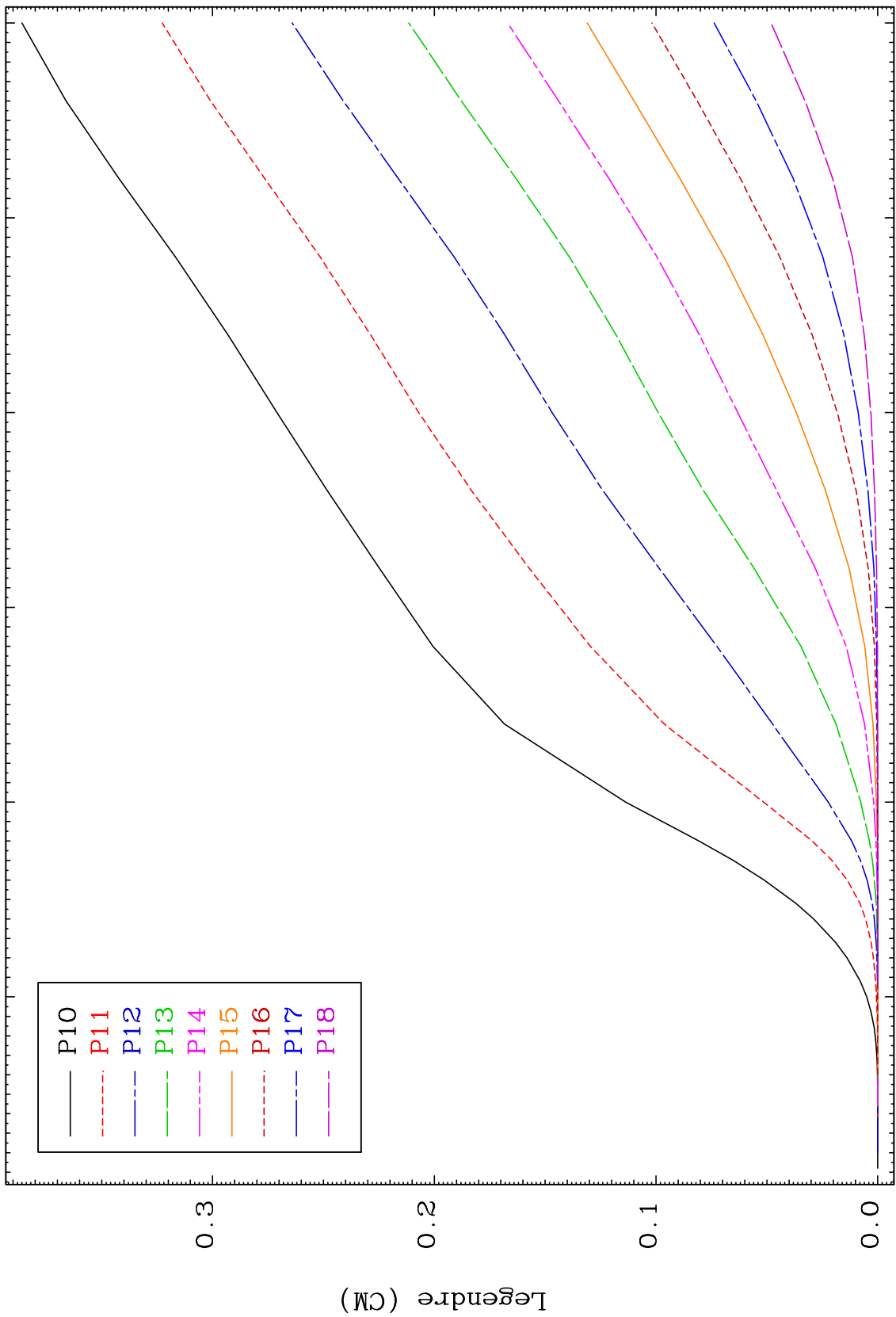
Incident Energy (MeV)

77-Ir-182

MAT 7698

Elastic Legendre Coefficients

⁷⁷Ir-182



19

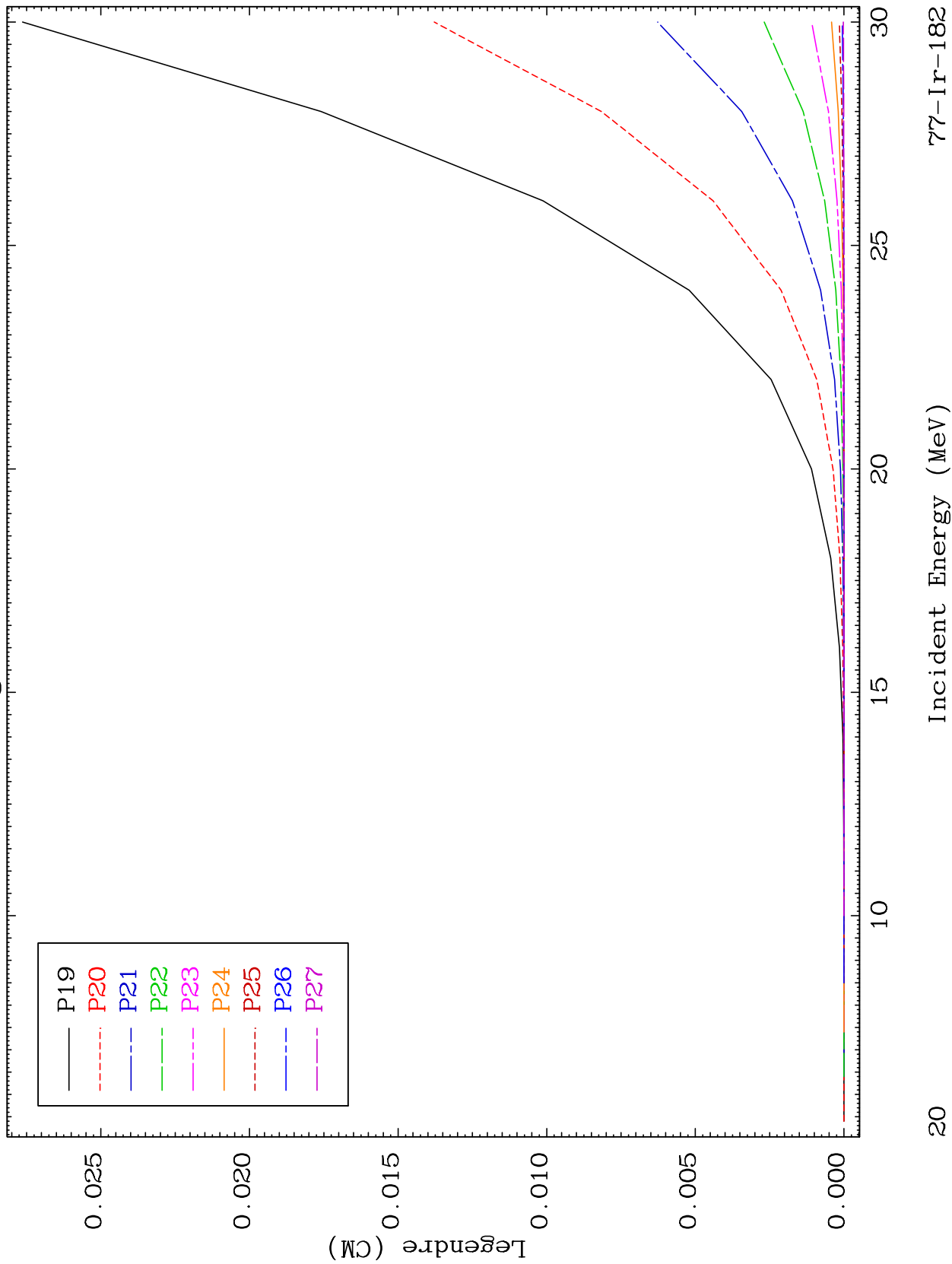
Incident Energy (MeV)

⁷⁷Ir-182

MAT 7698

Elastic Legendre Coefficients

77-Ir-182



20

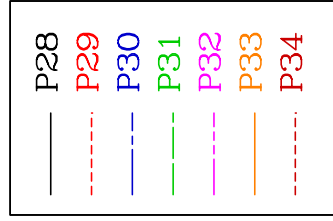
Incident Energy (MeV)

77-Ir-182

MAT 7698

Elastic
Legendre Coefficients

⁷⁷Ir-182



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

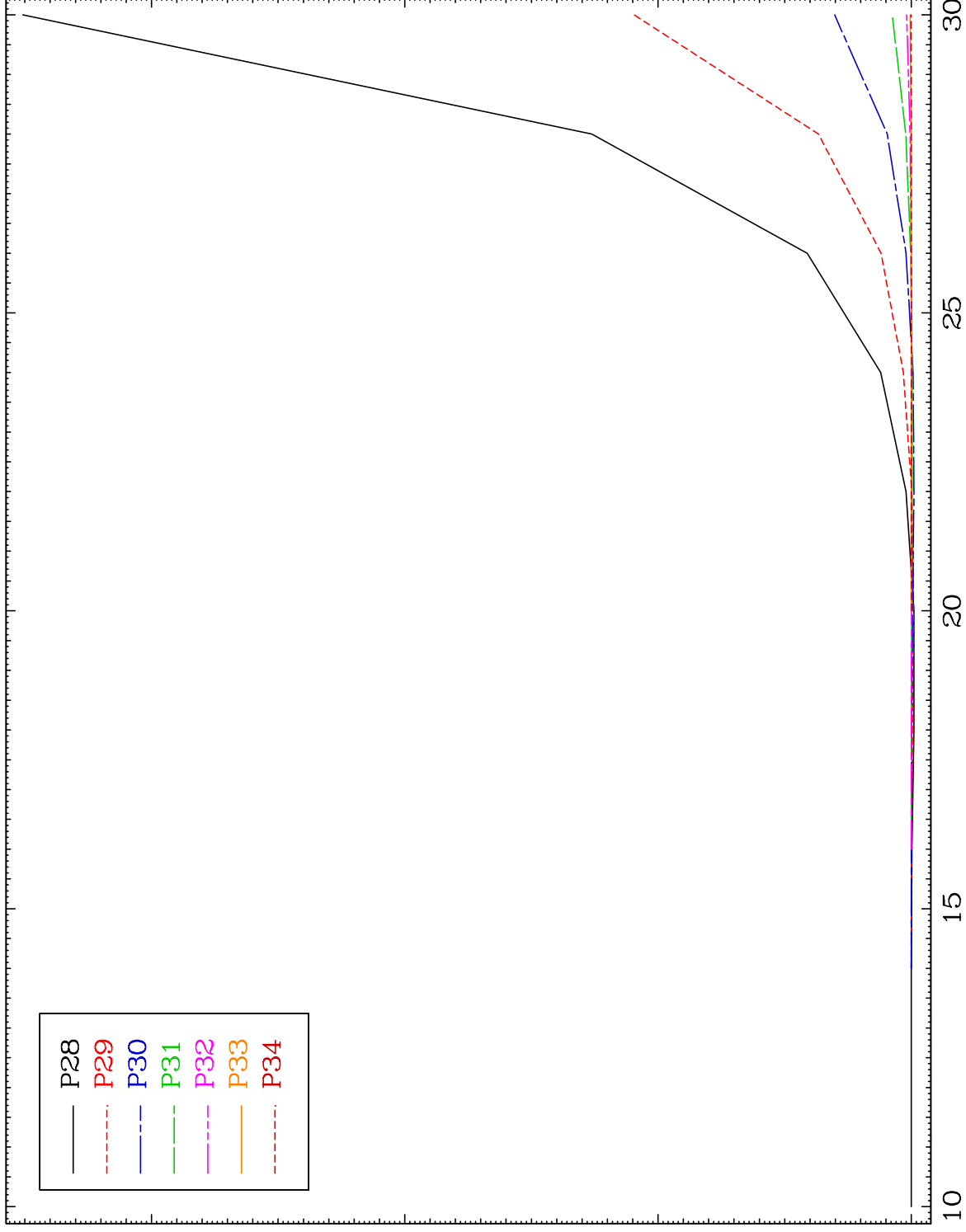
25

30

21

Incident Energy (MeV)

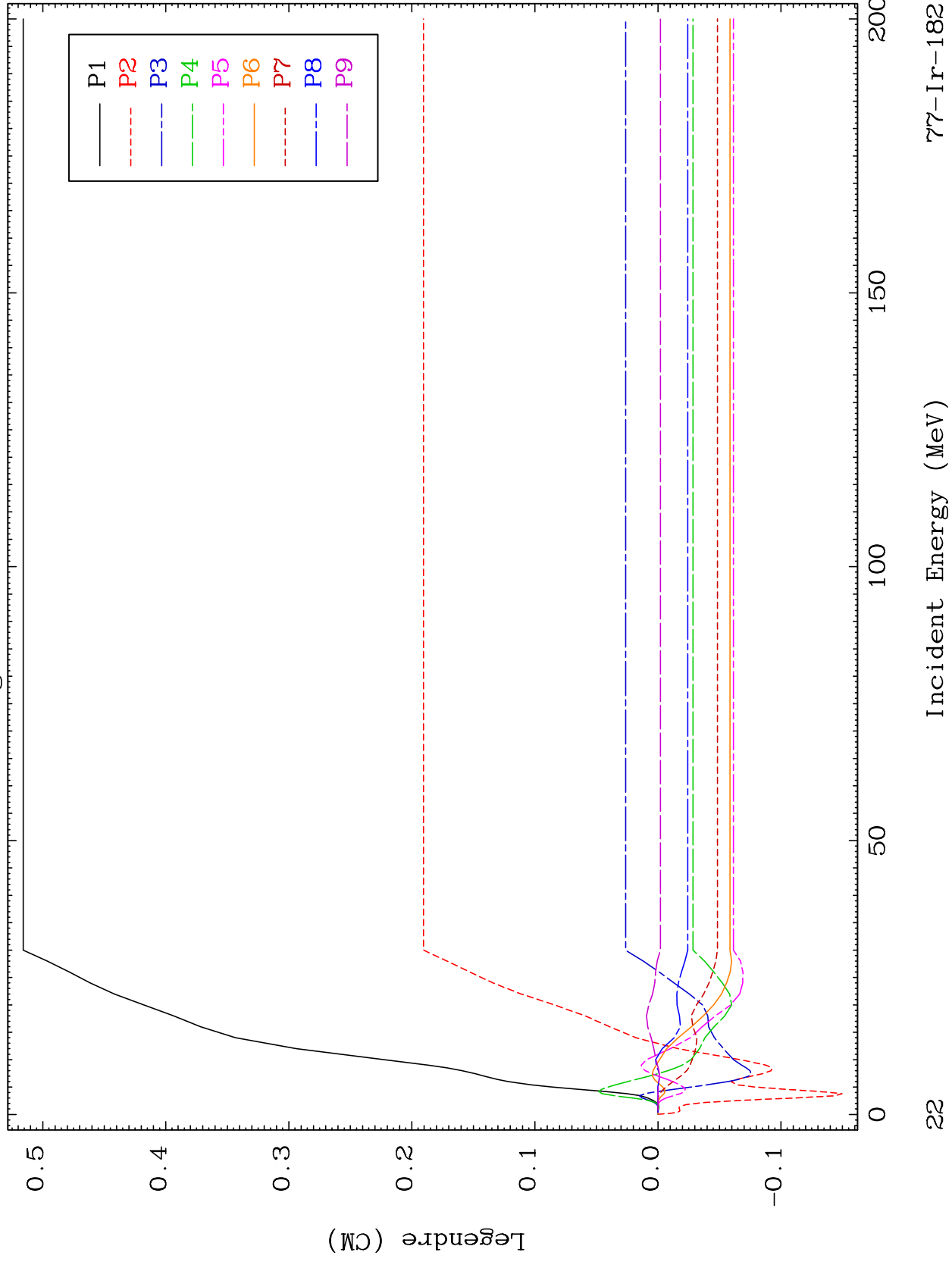
⁷⁷Ir-182



MAT 7698

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

77-Ir-182



77-Ir-182

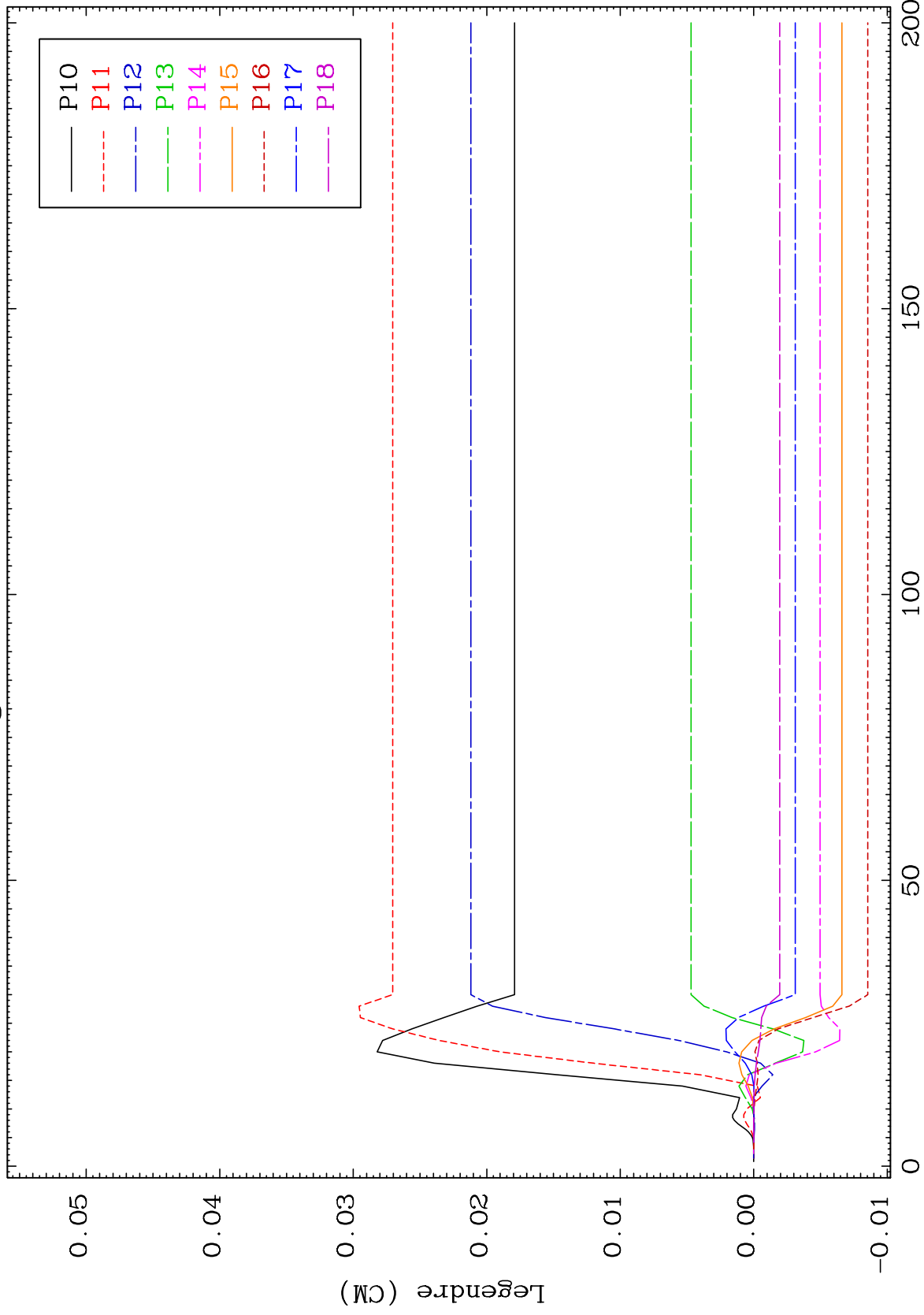
Incident Energy (MeV)

22

MAT 7698

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

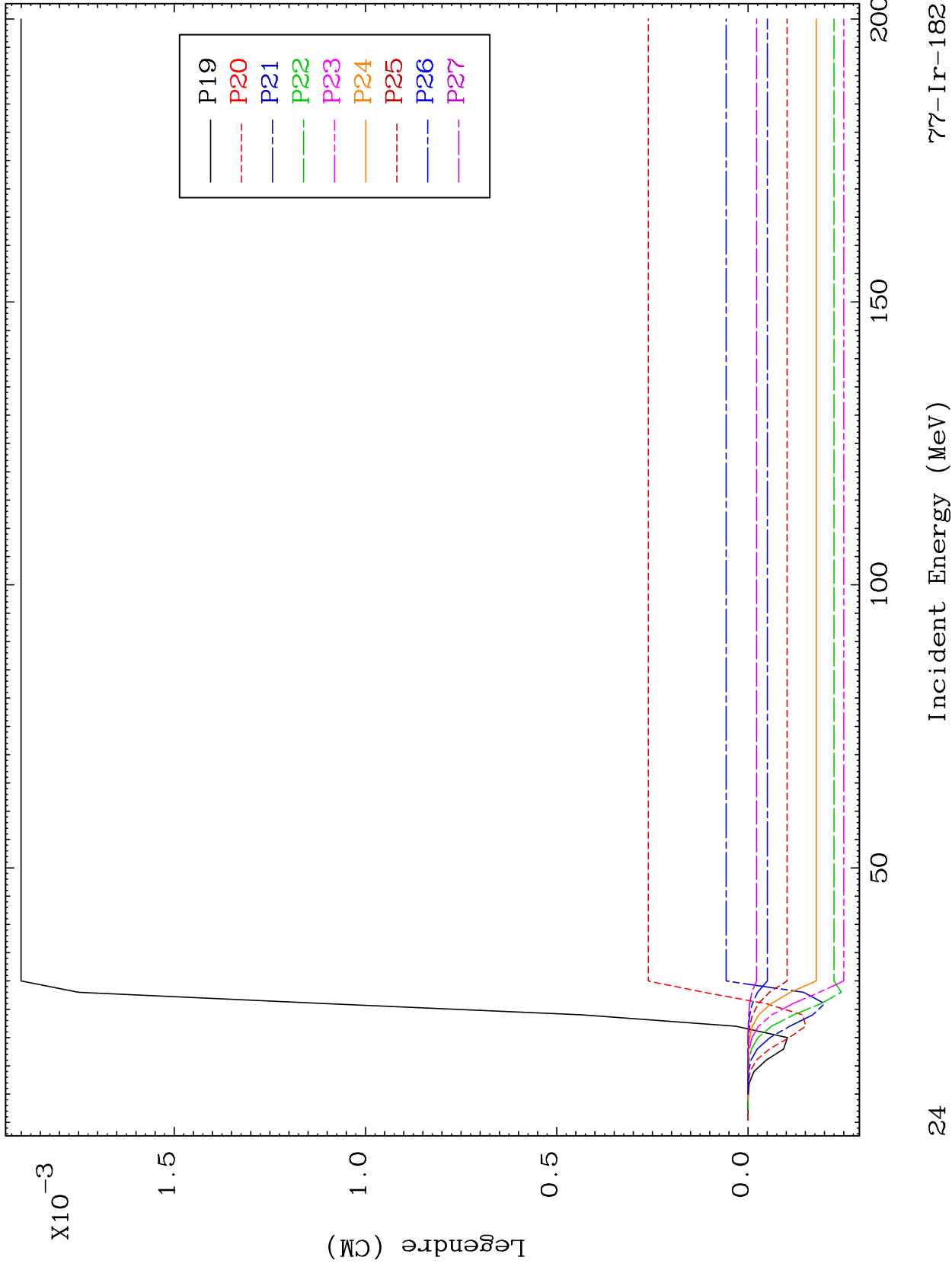
77-Ir-182



23

Incident Energy (MeV)

77-Ir-182

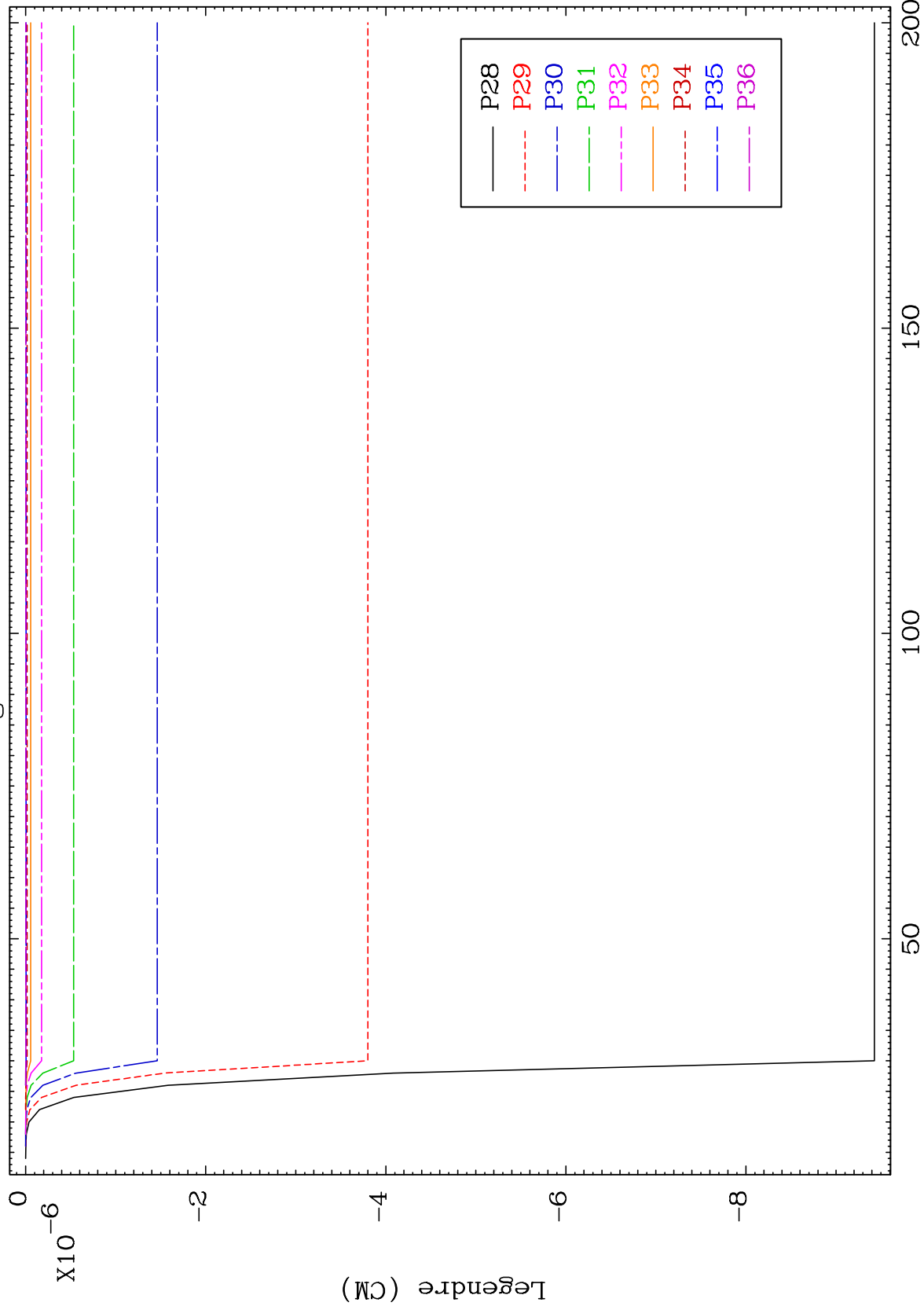


MAT 7698

MT= 51 (n,n') Level

77-Ir-182

Legendre Coefficients



77-Ir-182

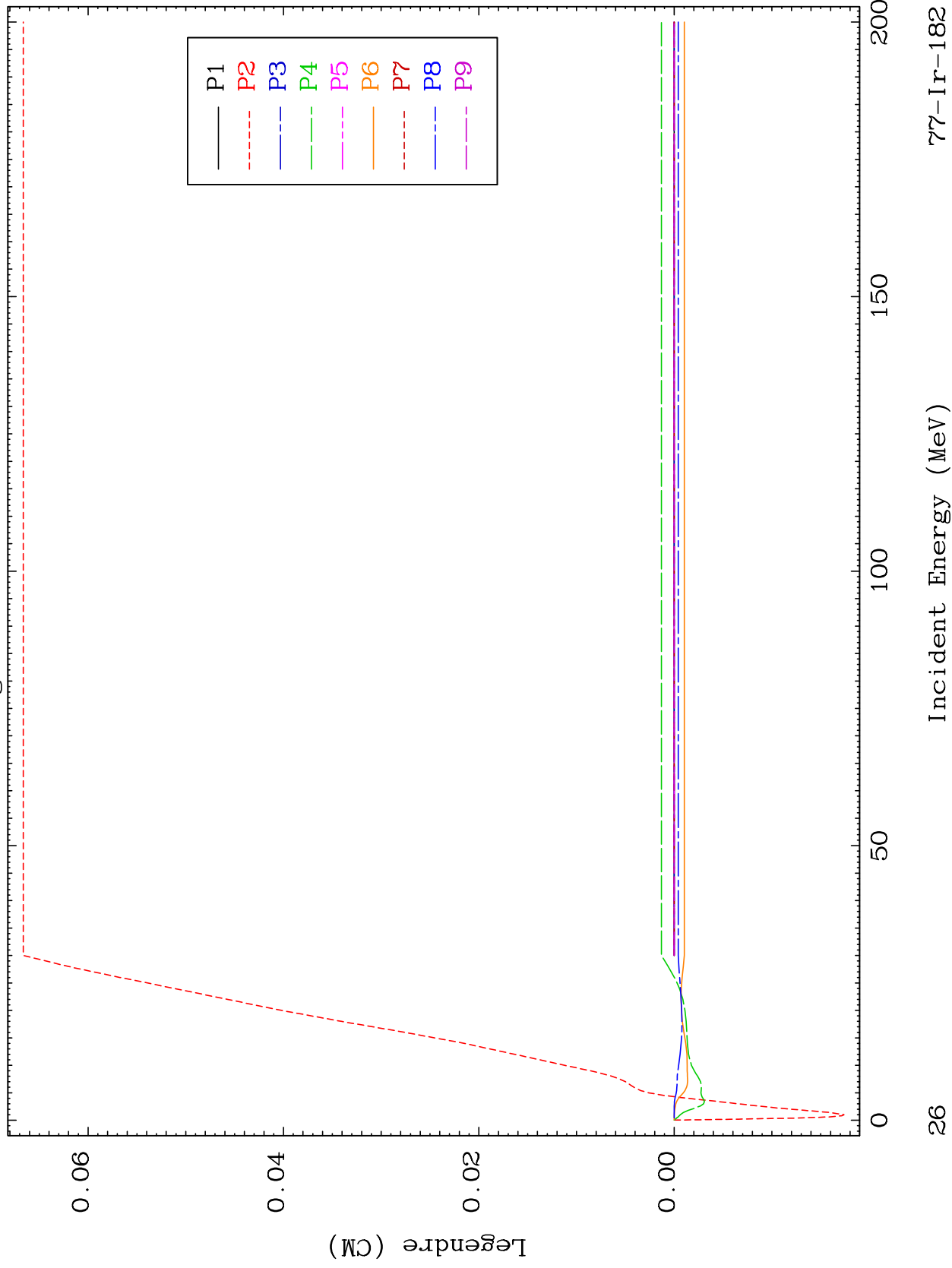
Incident Energy (MeV)

25

MAT 7698

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

77-Ir-182



77-Ir-182

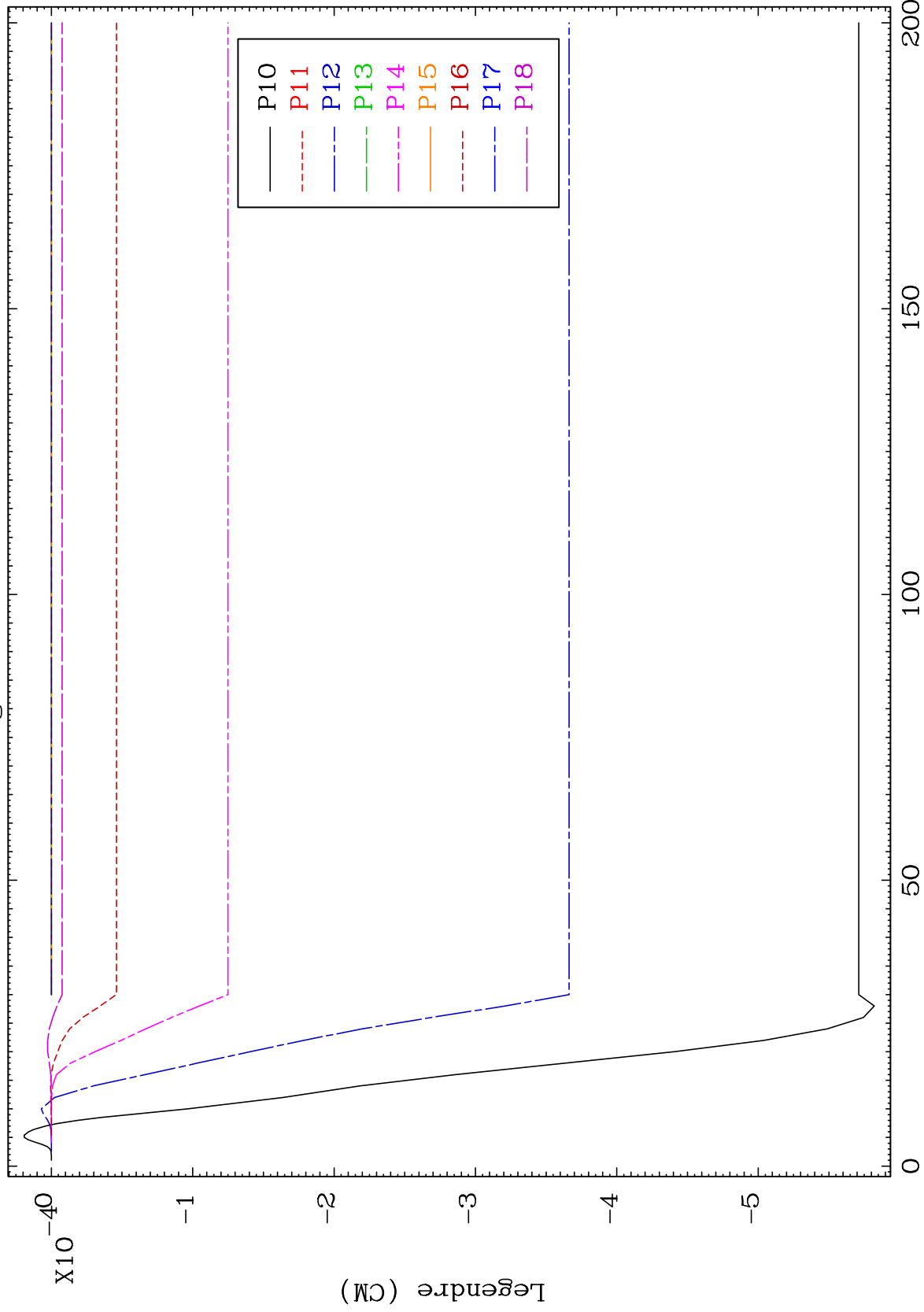
Incident Energy (MeV)

26

MAT 7698

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

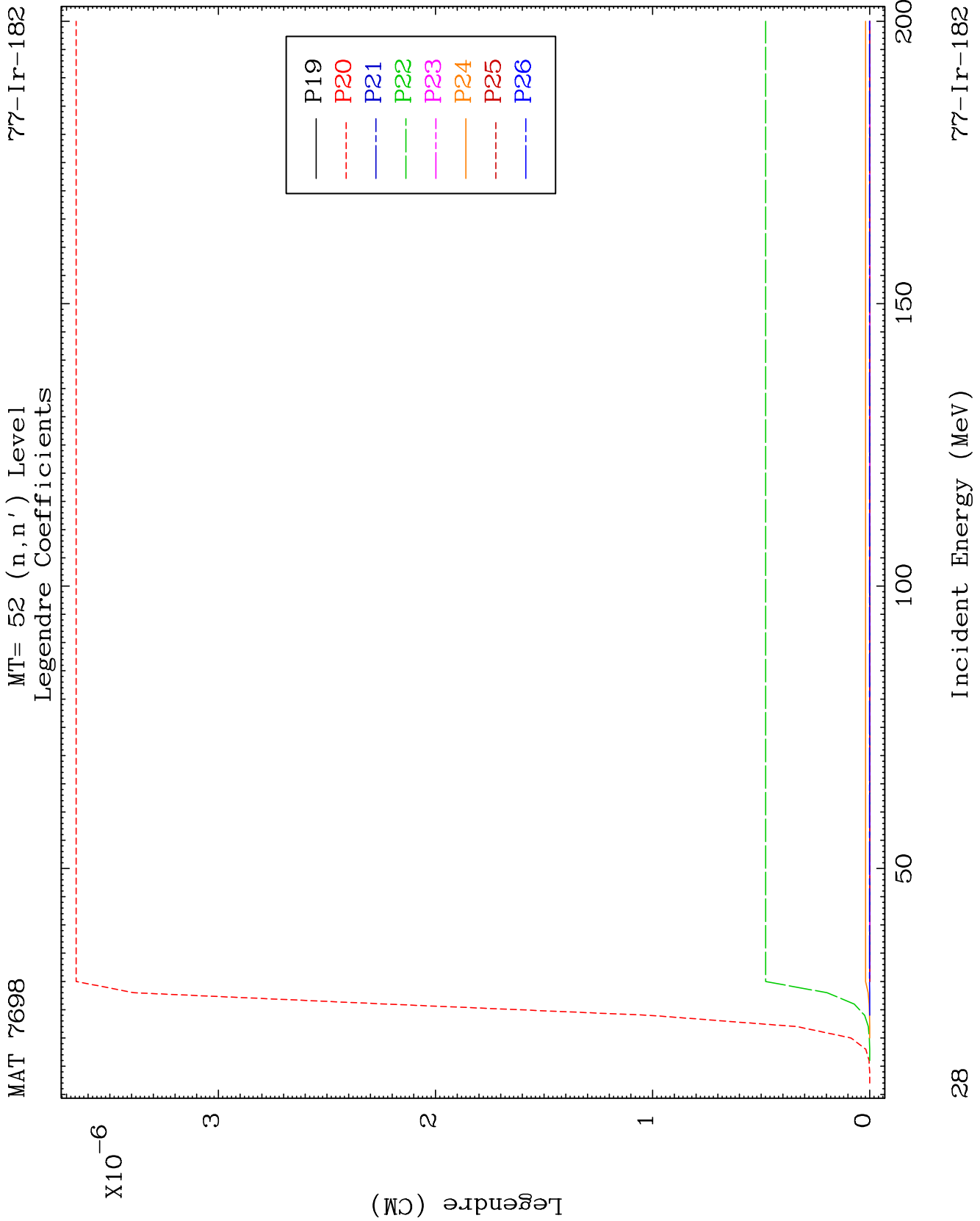
77-Ir-182



27

Incident Energy (MeV)

77-Ir-182



77-Ir-182

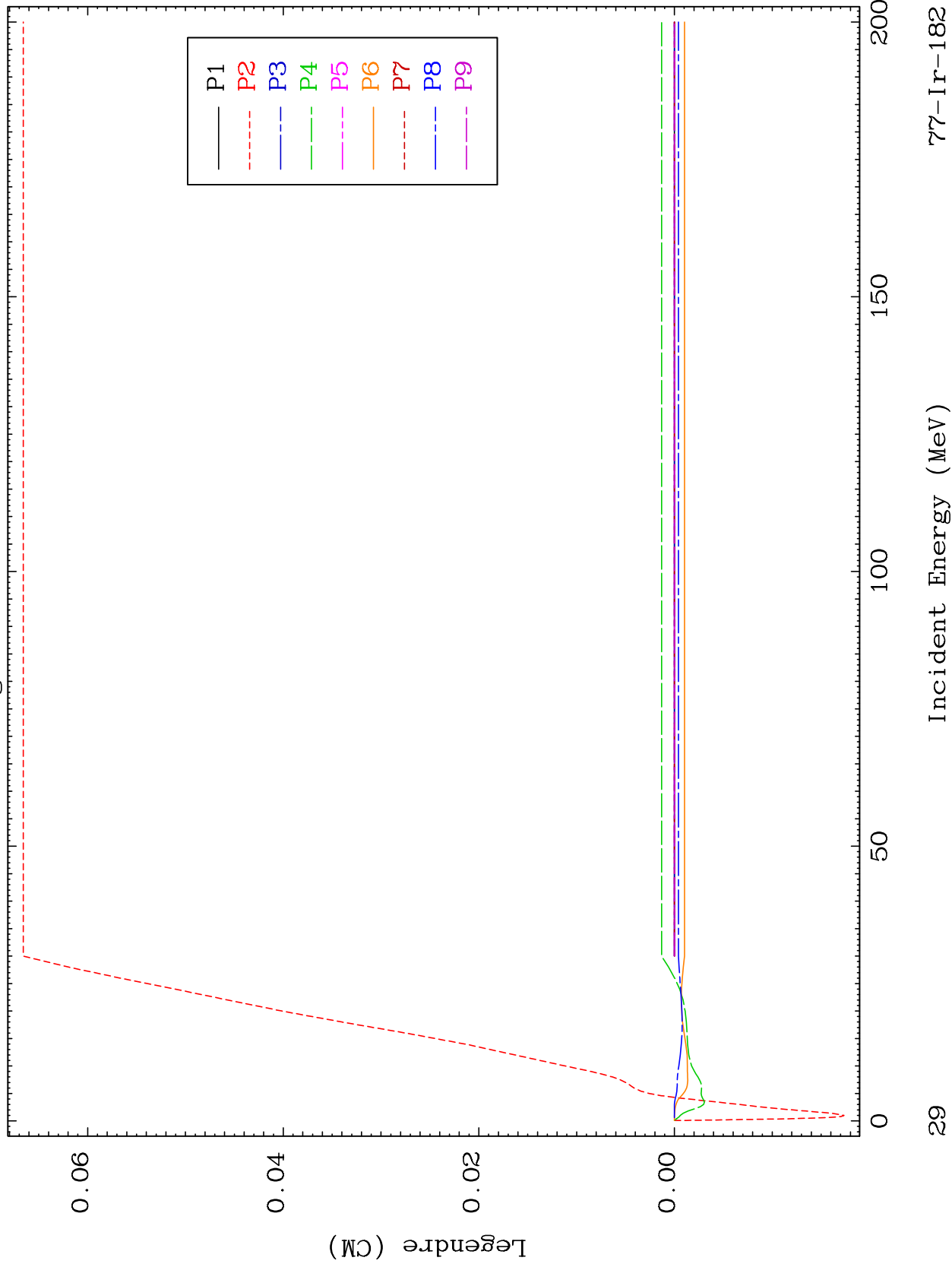
Incident Energy (MeV)

28

MAT 7698

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

77-Ir-182



77-Ir-182

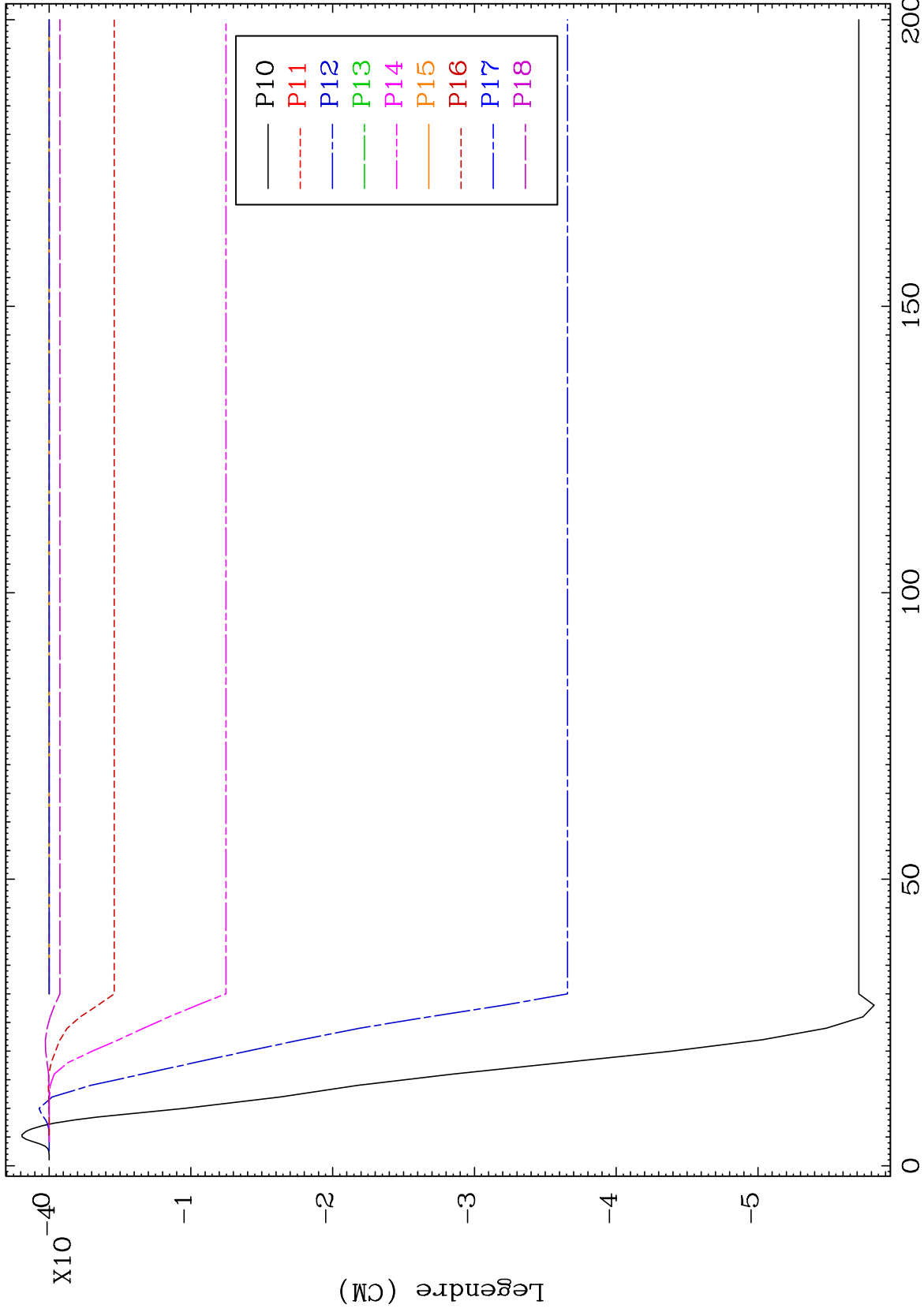
Incident Energy (MeV)

29

MAT 7698

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

77-Ir-182



77-Ir-182

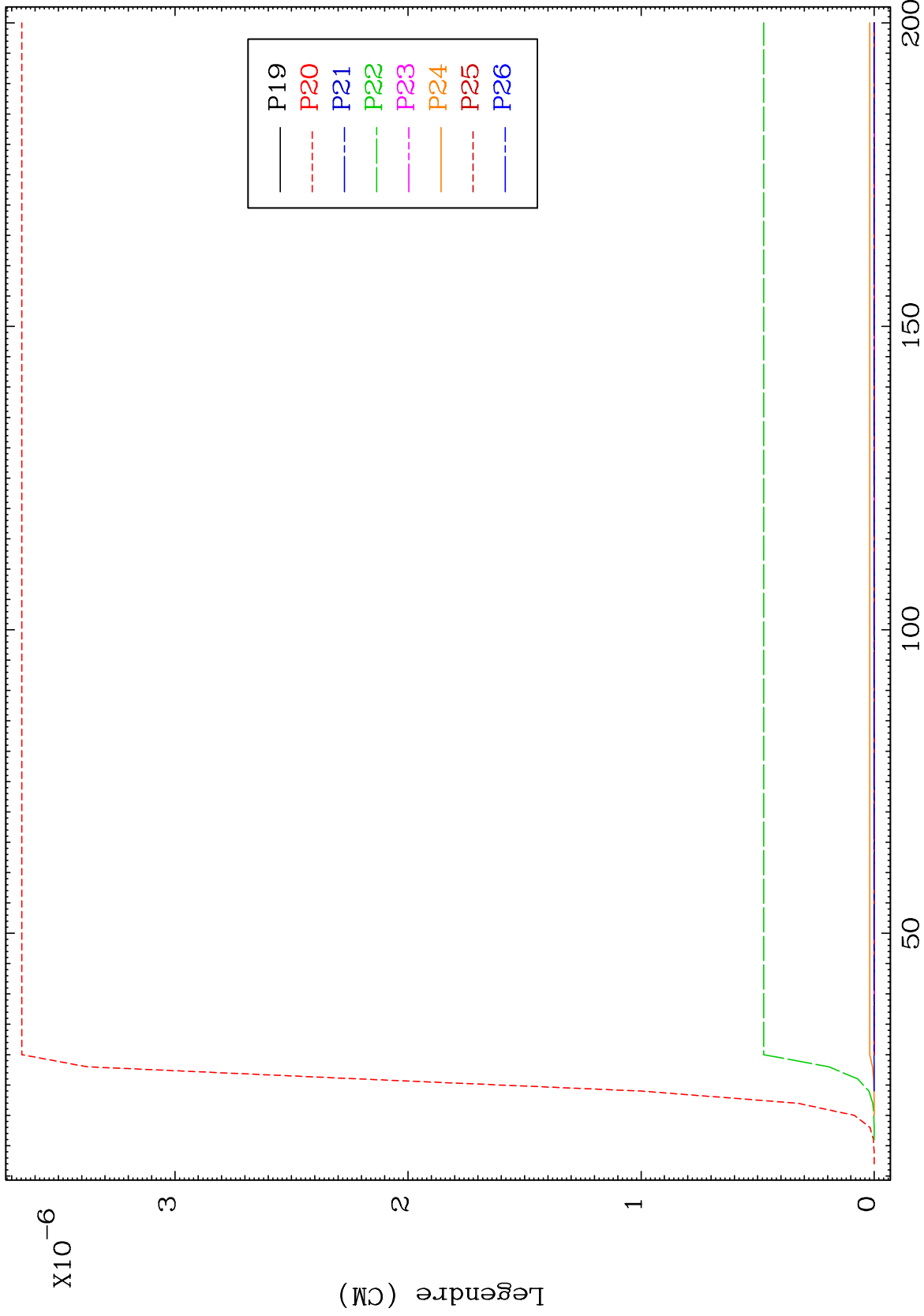
Incident Energy (MeV)

30

MAT 7698

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

77-Ir-182



31

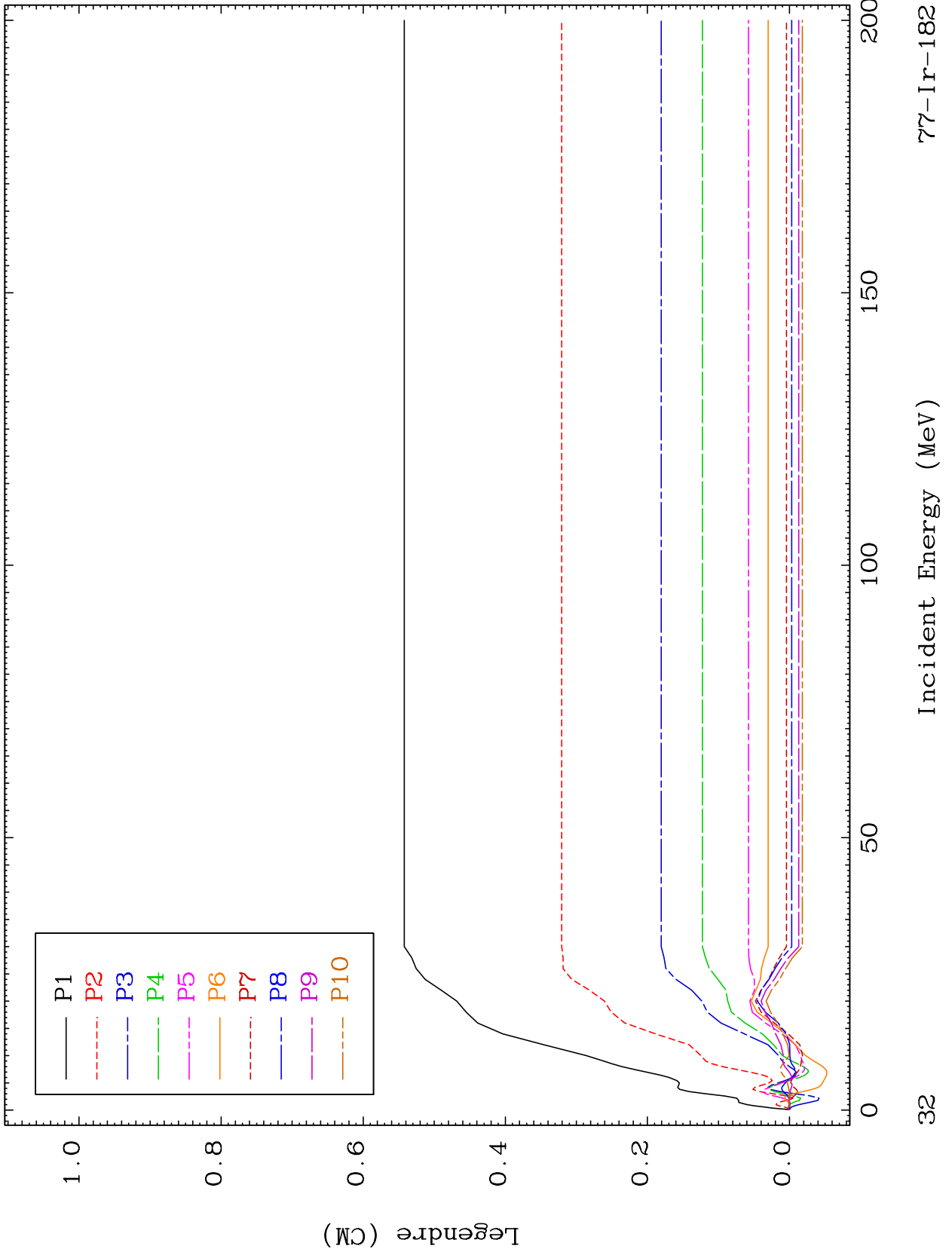
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



32

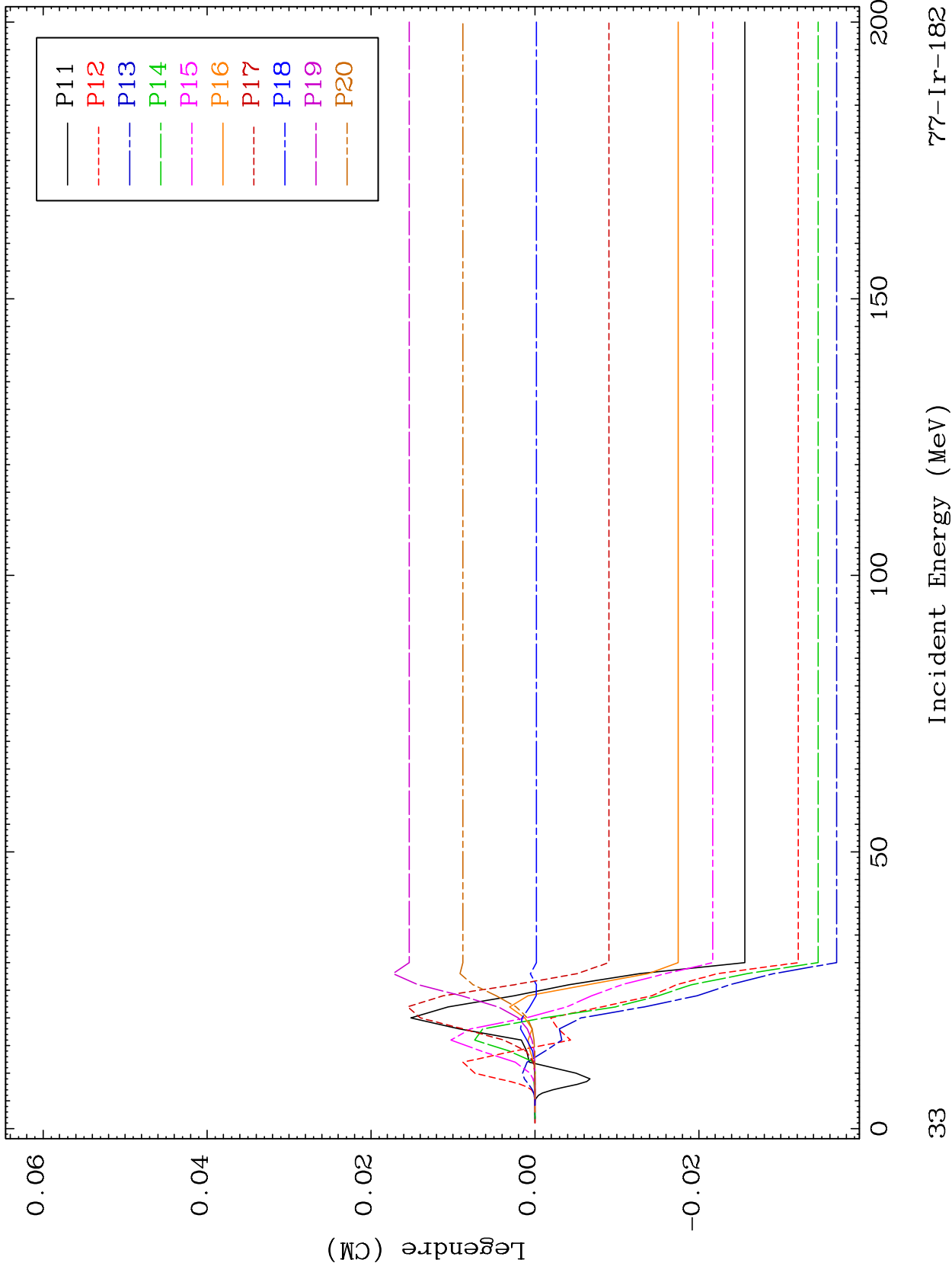
Incident Energy (MeV)

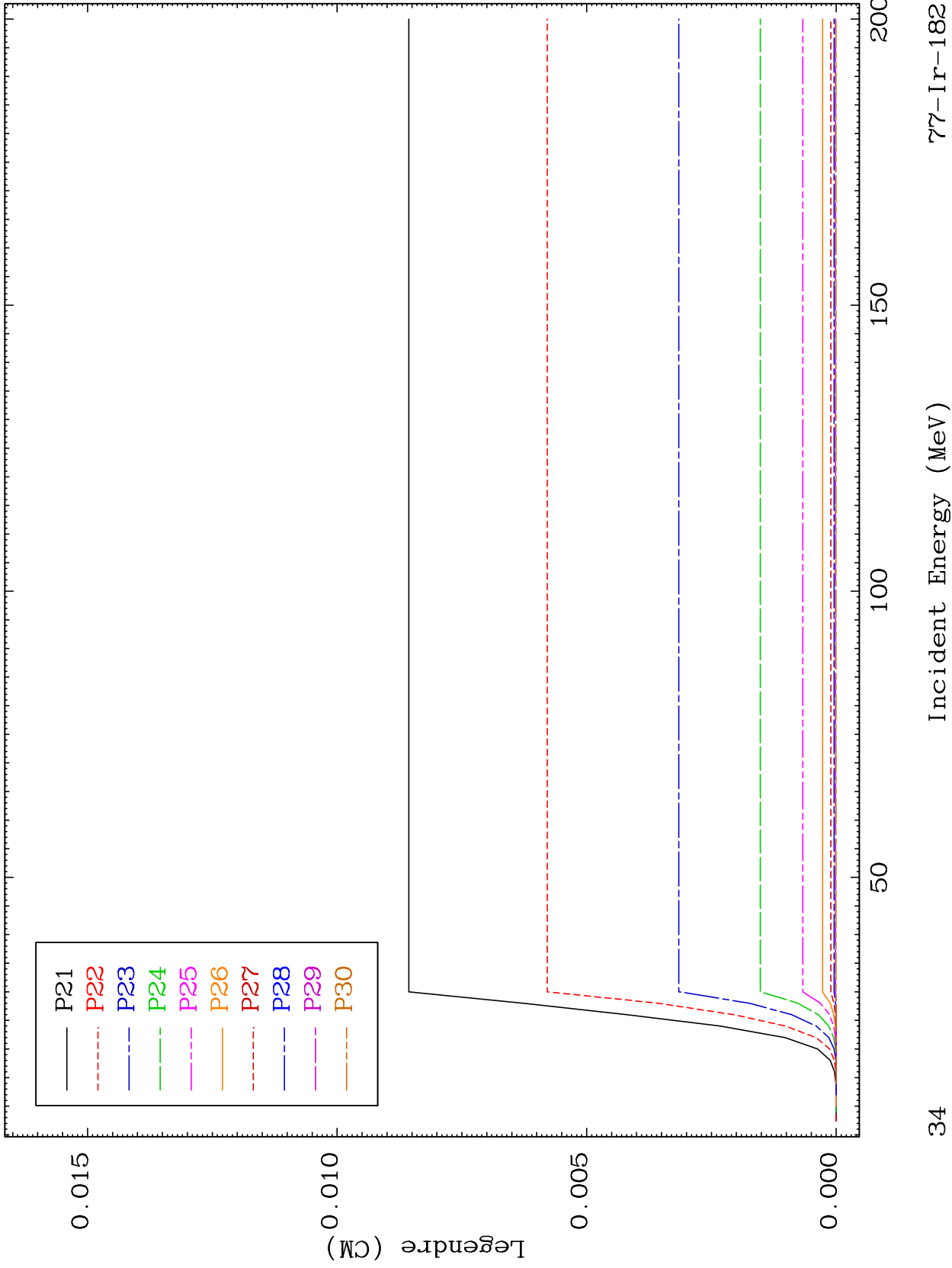
77-Ir-182

MAT 7698

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

77-Ir-182

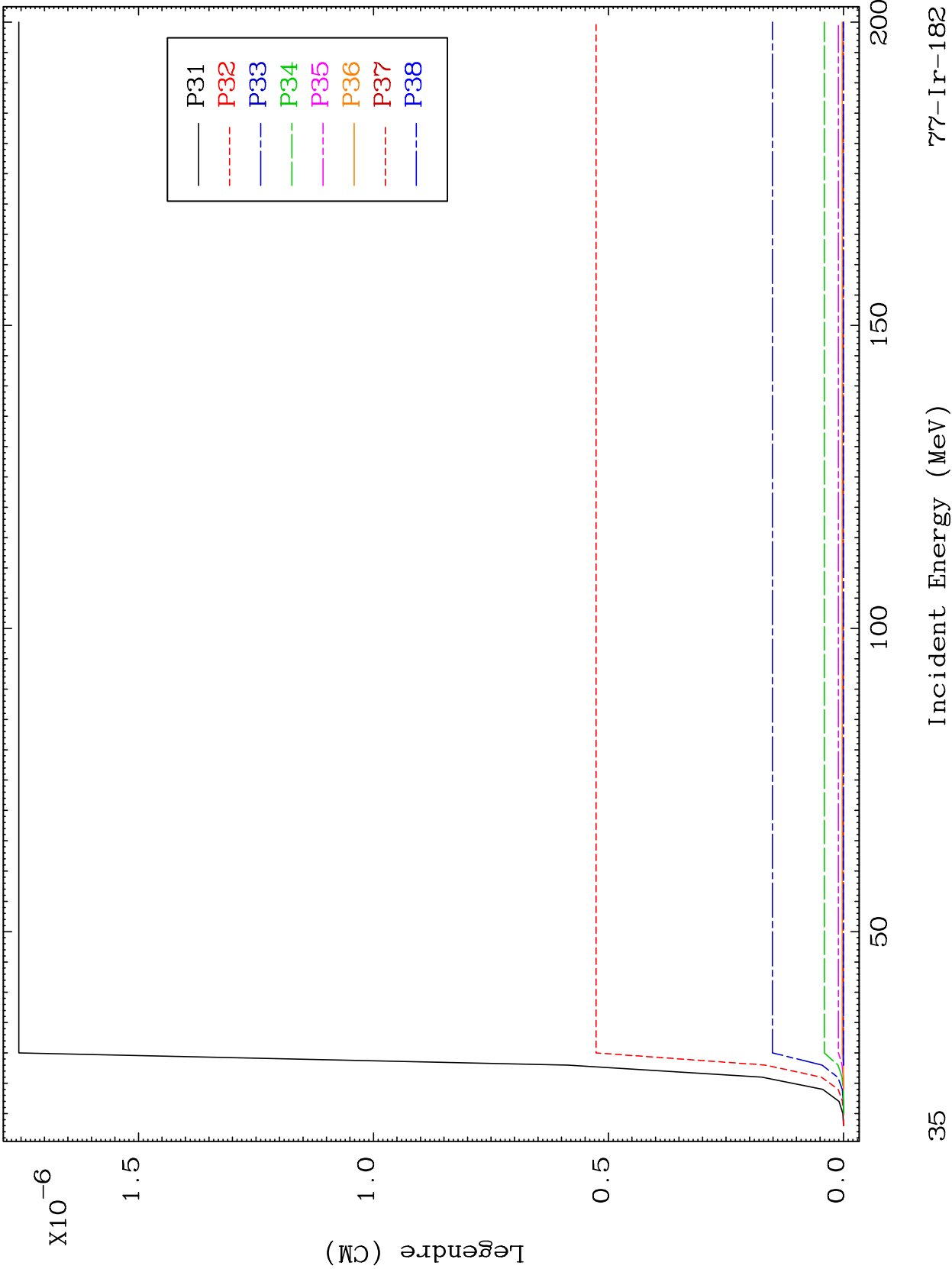




MAT 7698

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

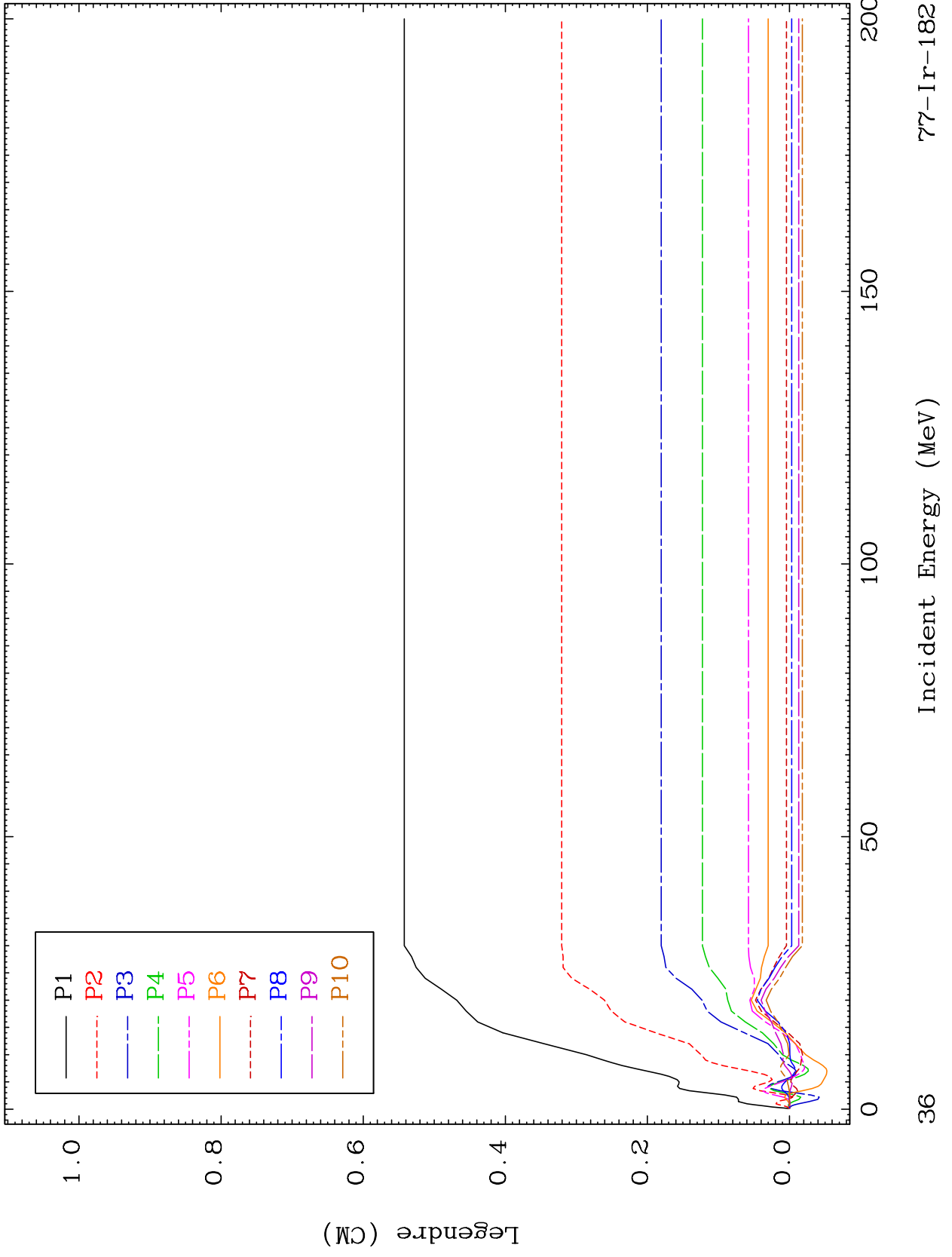
77-Ir-182



35

Incident Energy (MeV)

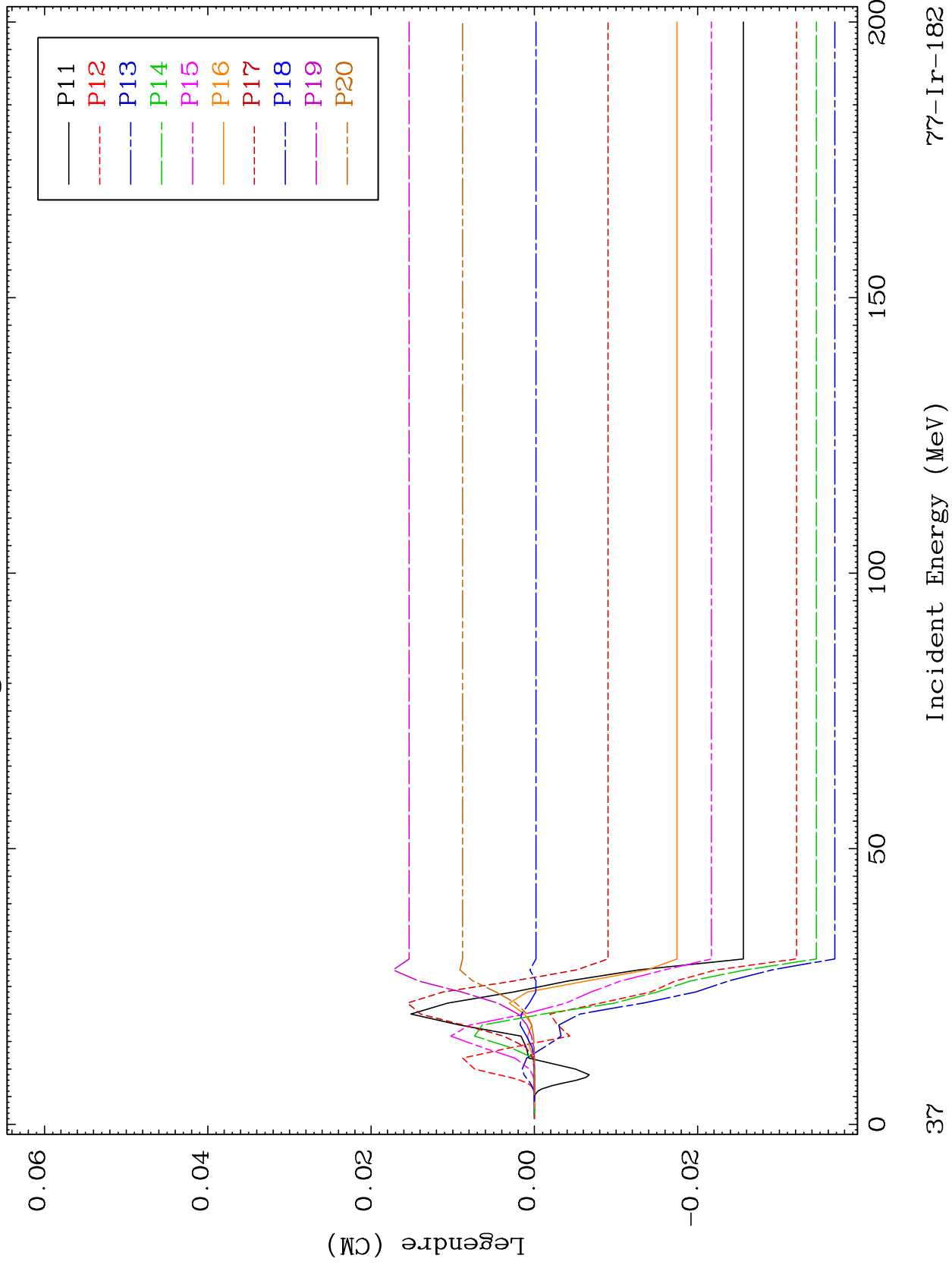
77-Ir-182



MAT 7698

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

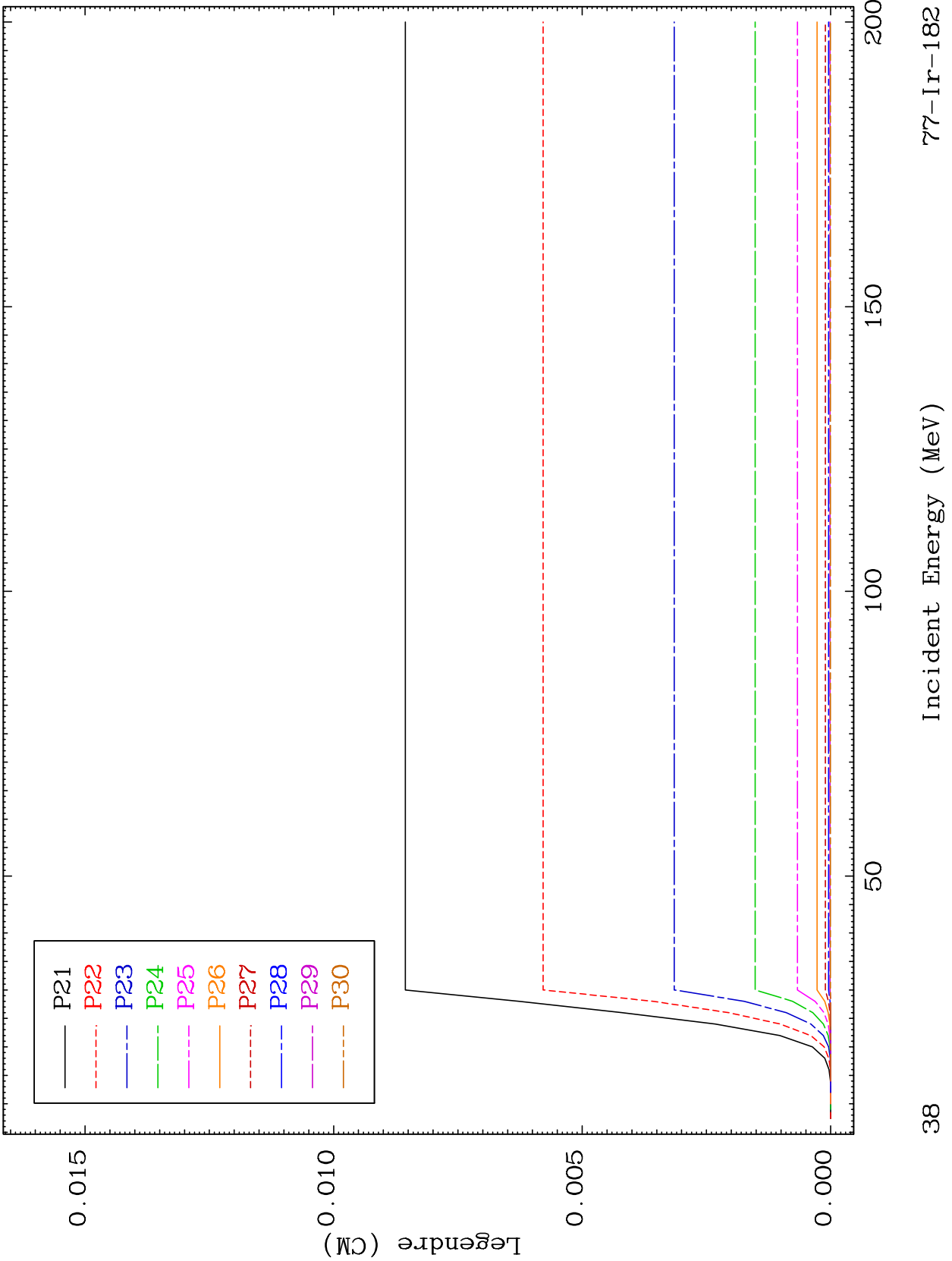
77-Ir-182



37

Incident Energy (MeV)

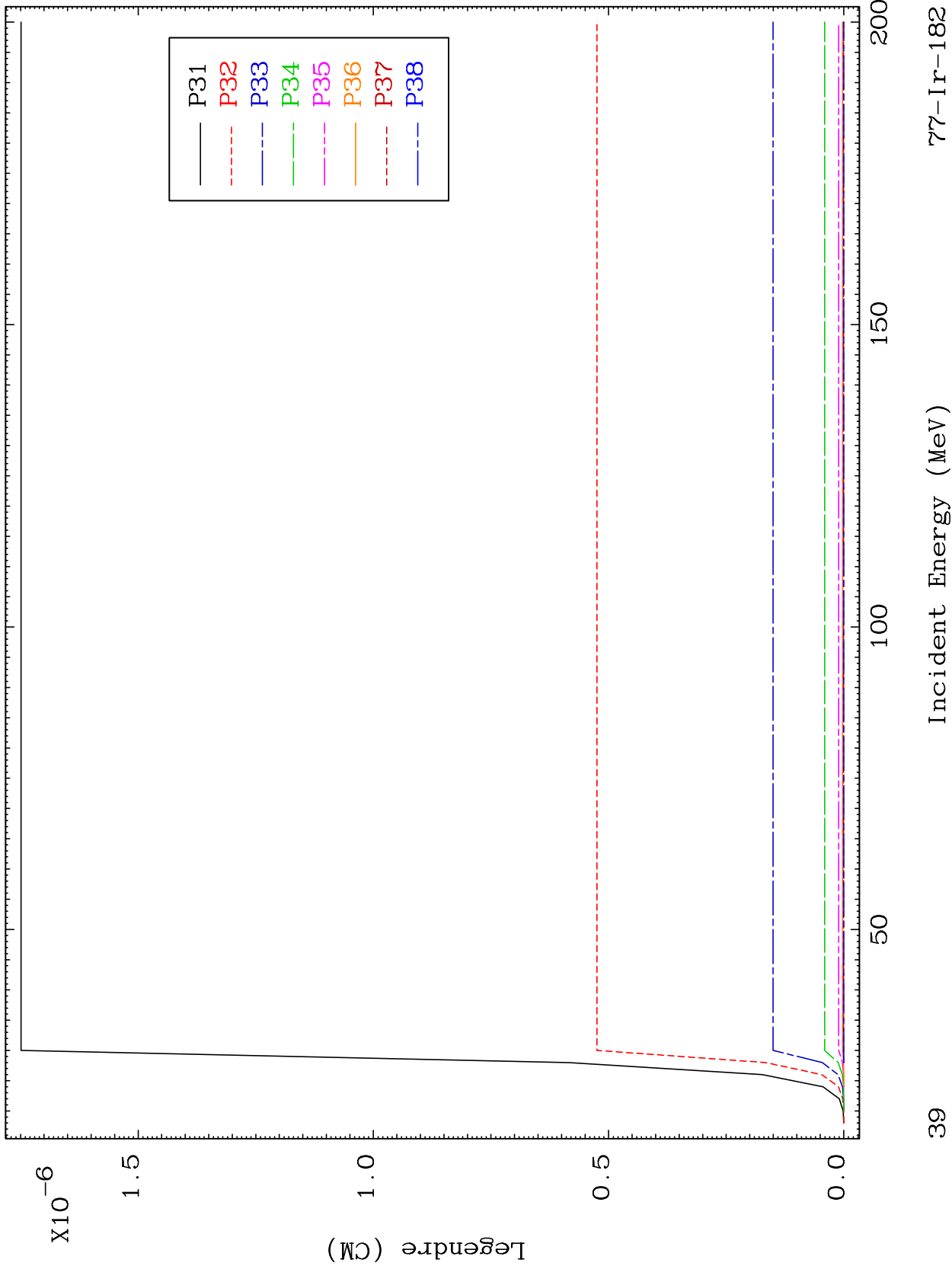
77-Ir-182



MAT 7698

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

77-Ir-182



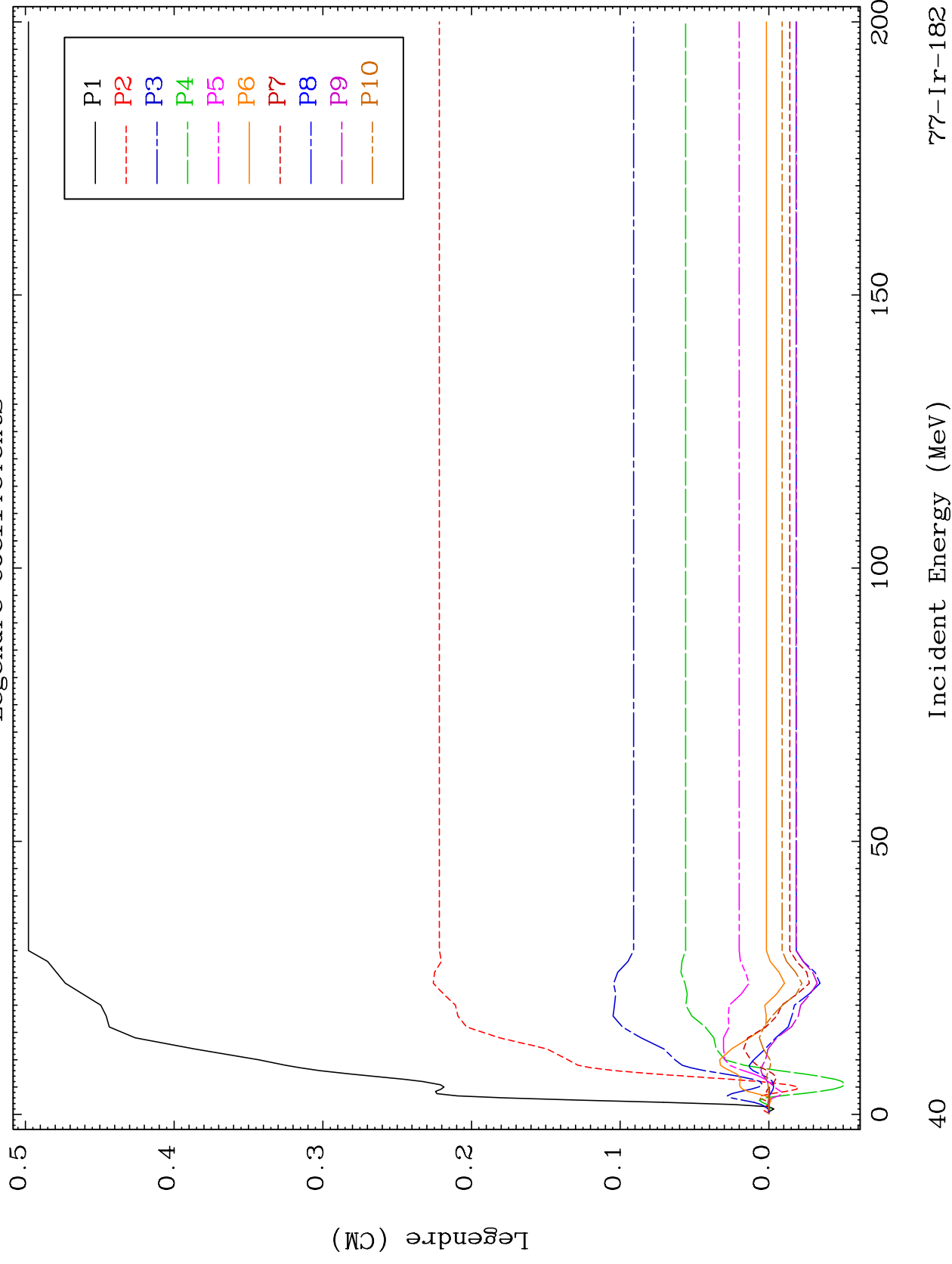
39

77-Ir-182

MAT 7698

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

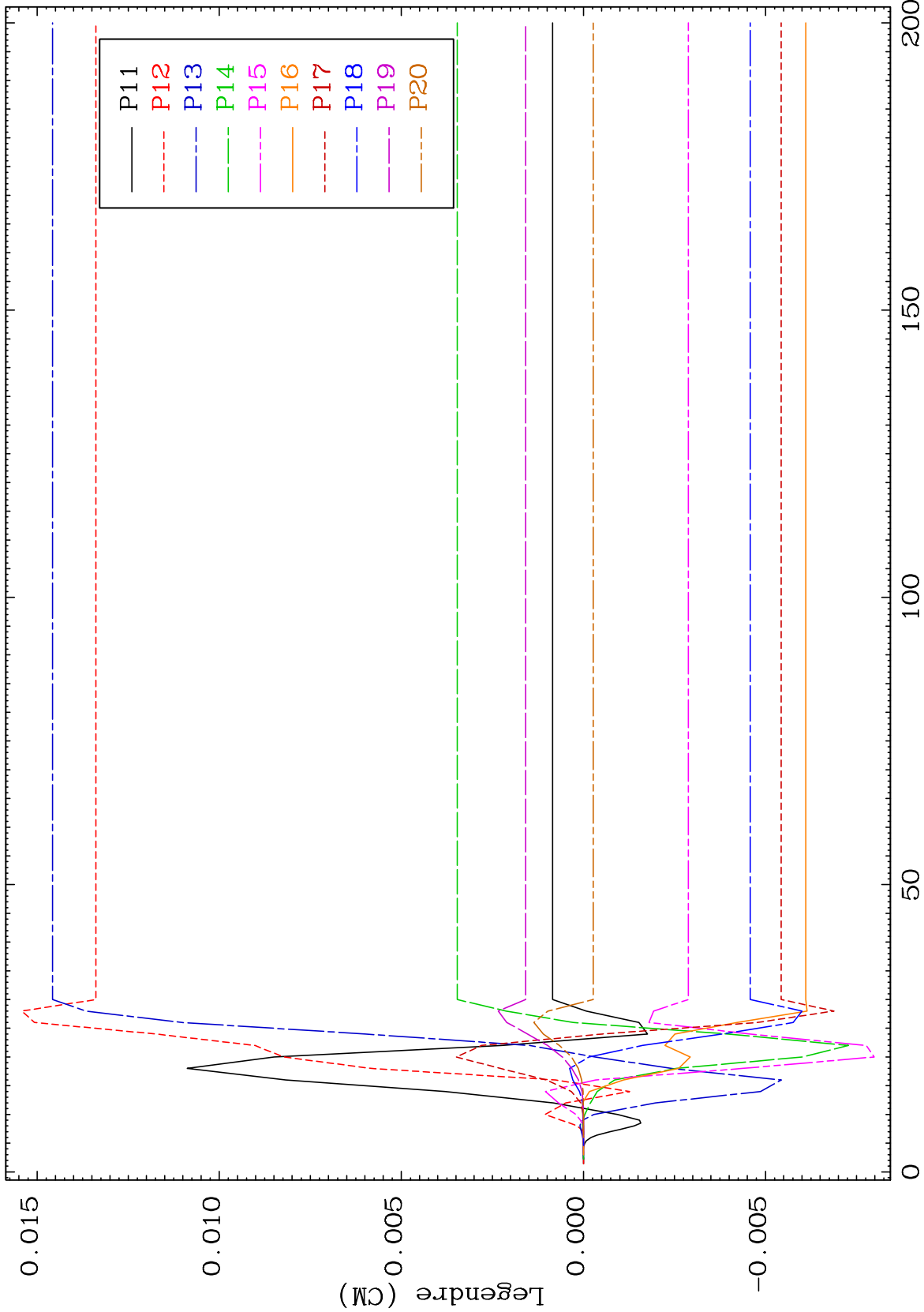
⁷⁷Ir-182

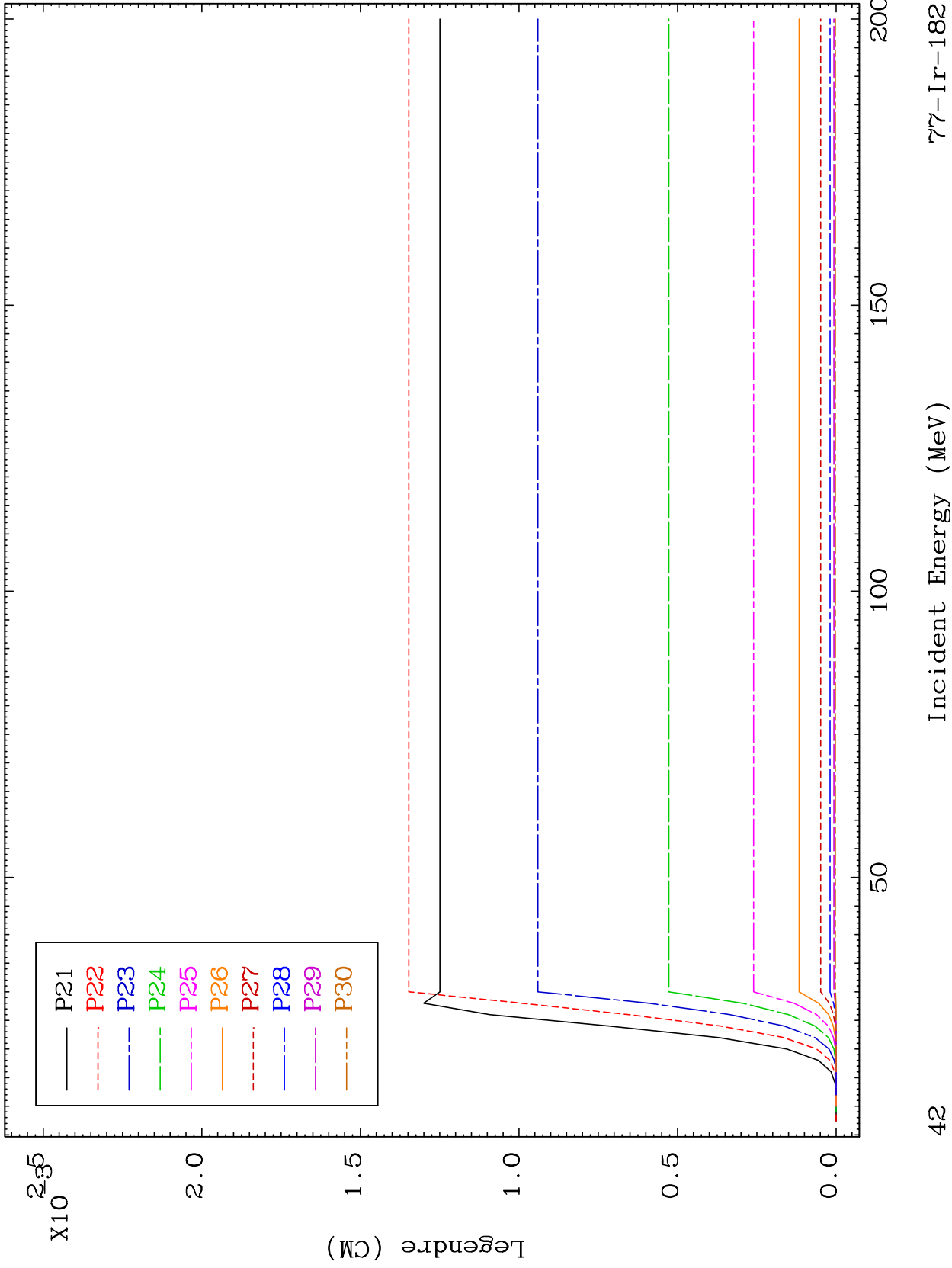


MAT 7698

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

77-Ir-182

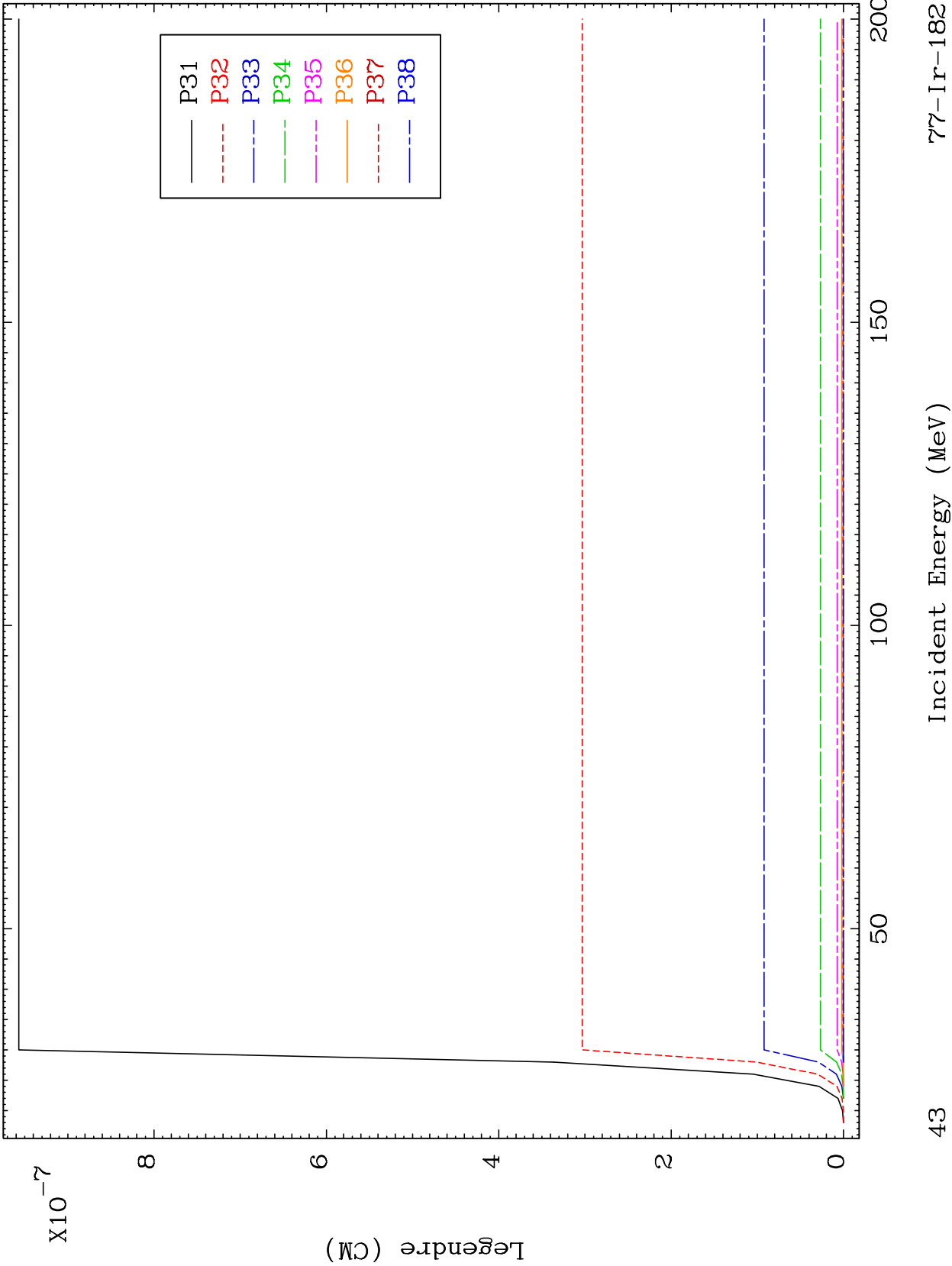




MAT 7698

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

77-Ir-182



43

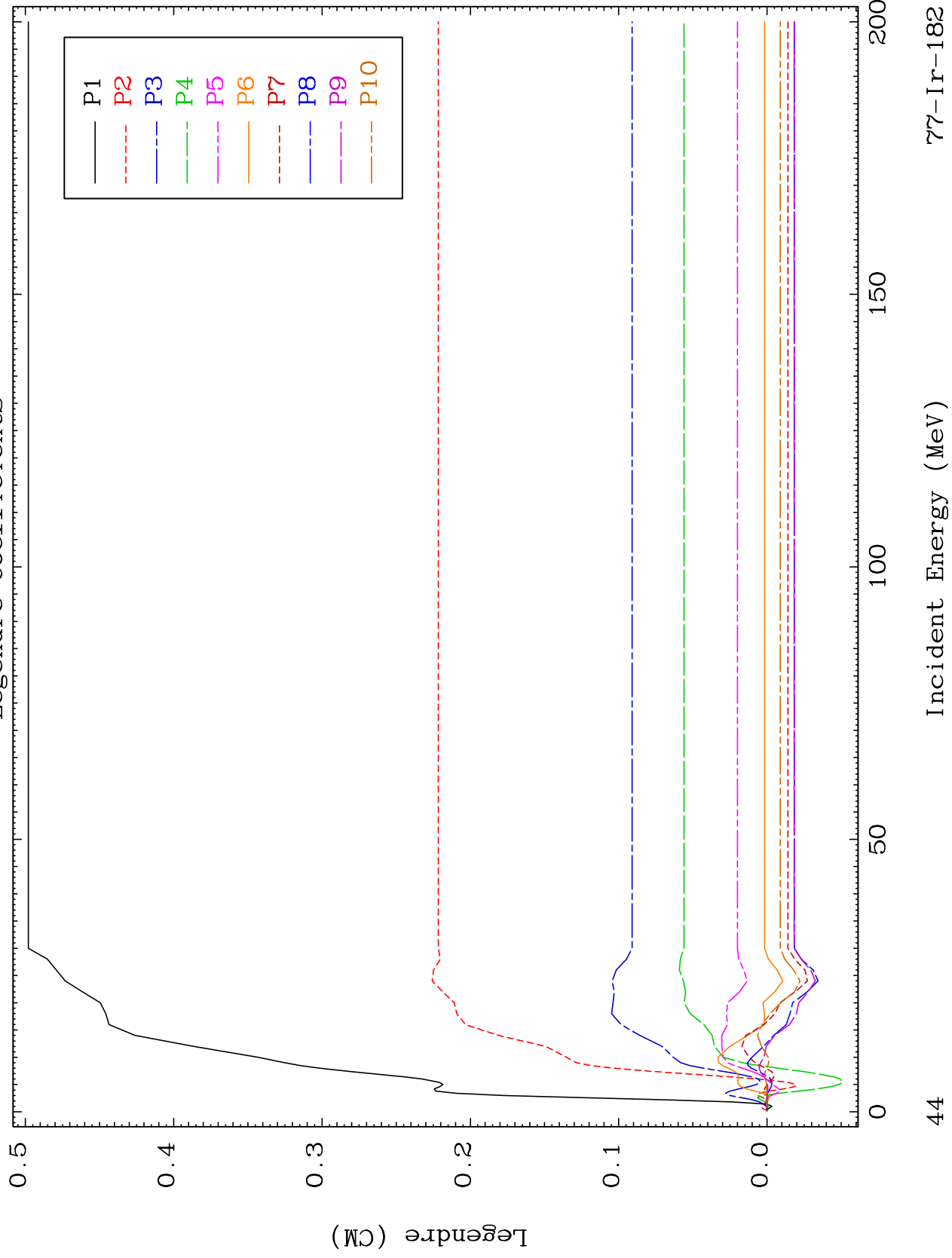
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182

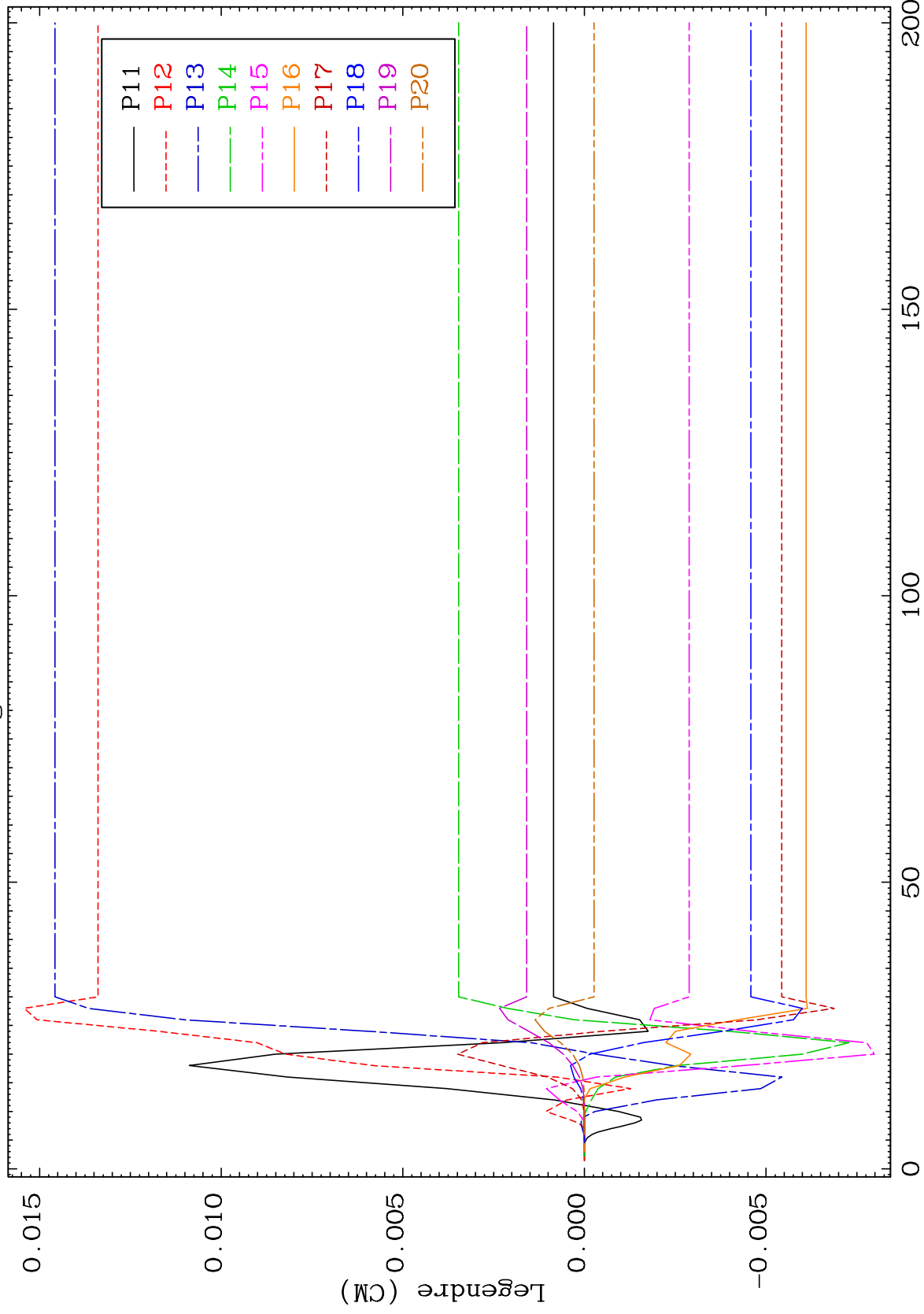


MAT 7698

MT= 57 (n,n') Level

77-Ir-182

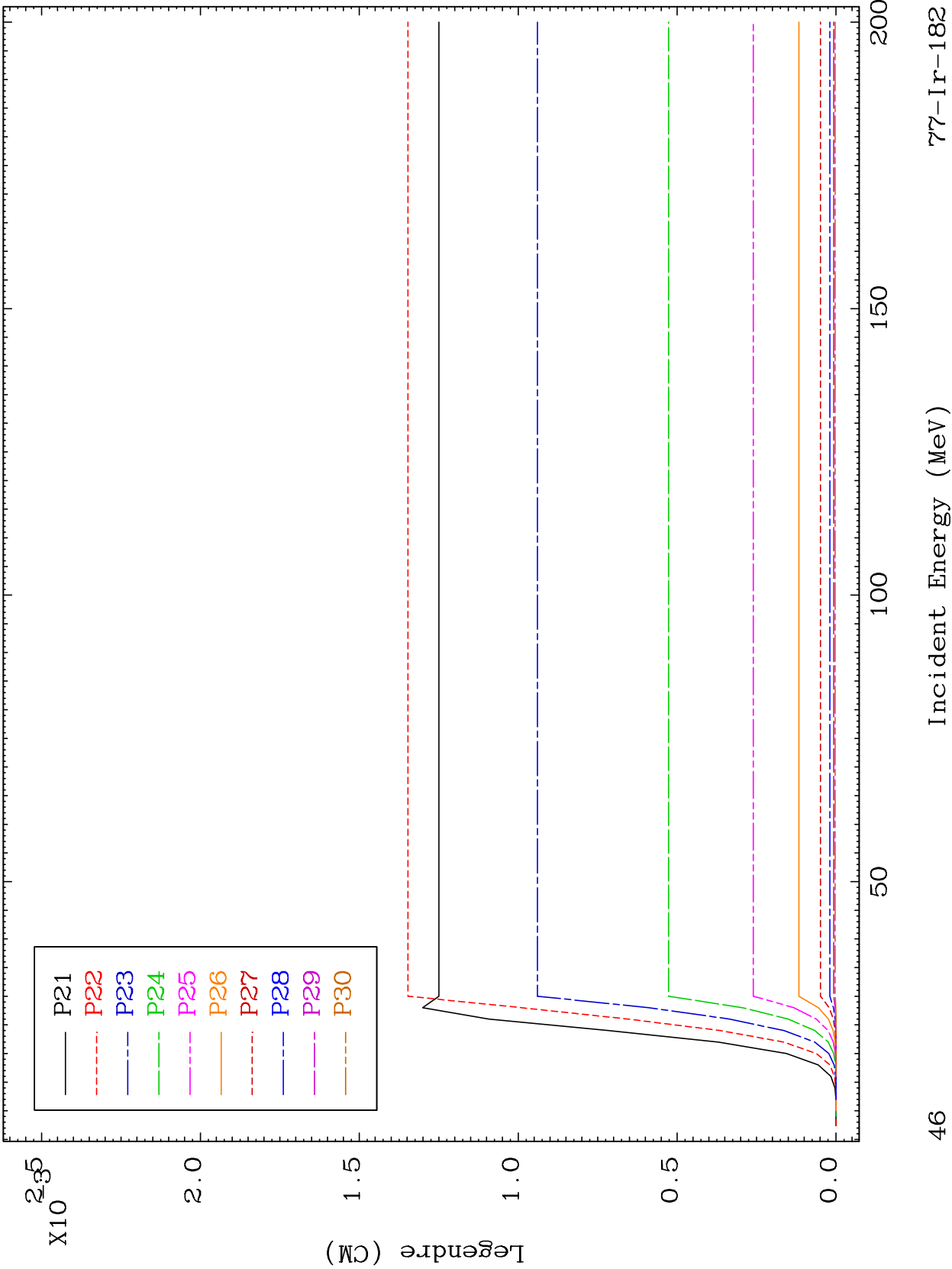
Legendre Coefficients



45

Incident Energy (MeV)

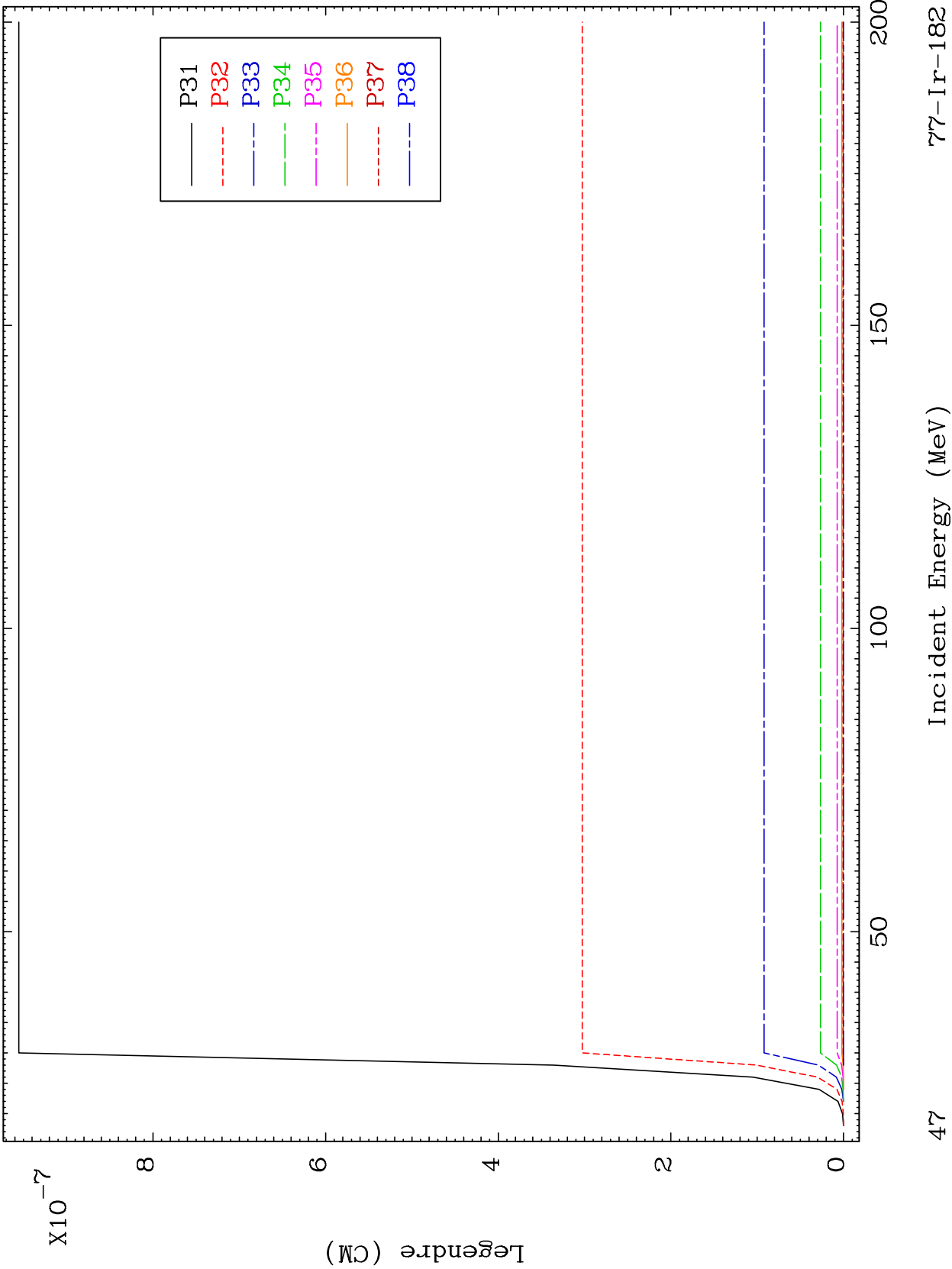
77-Ir-182



MAT 7698

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

77-Ir-182



47

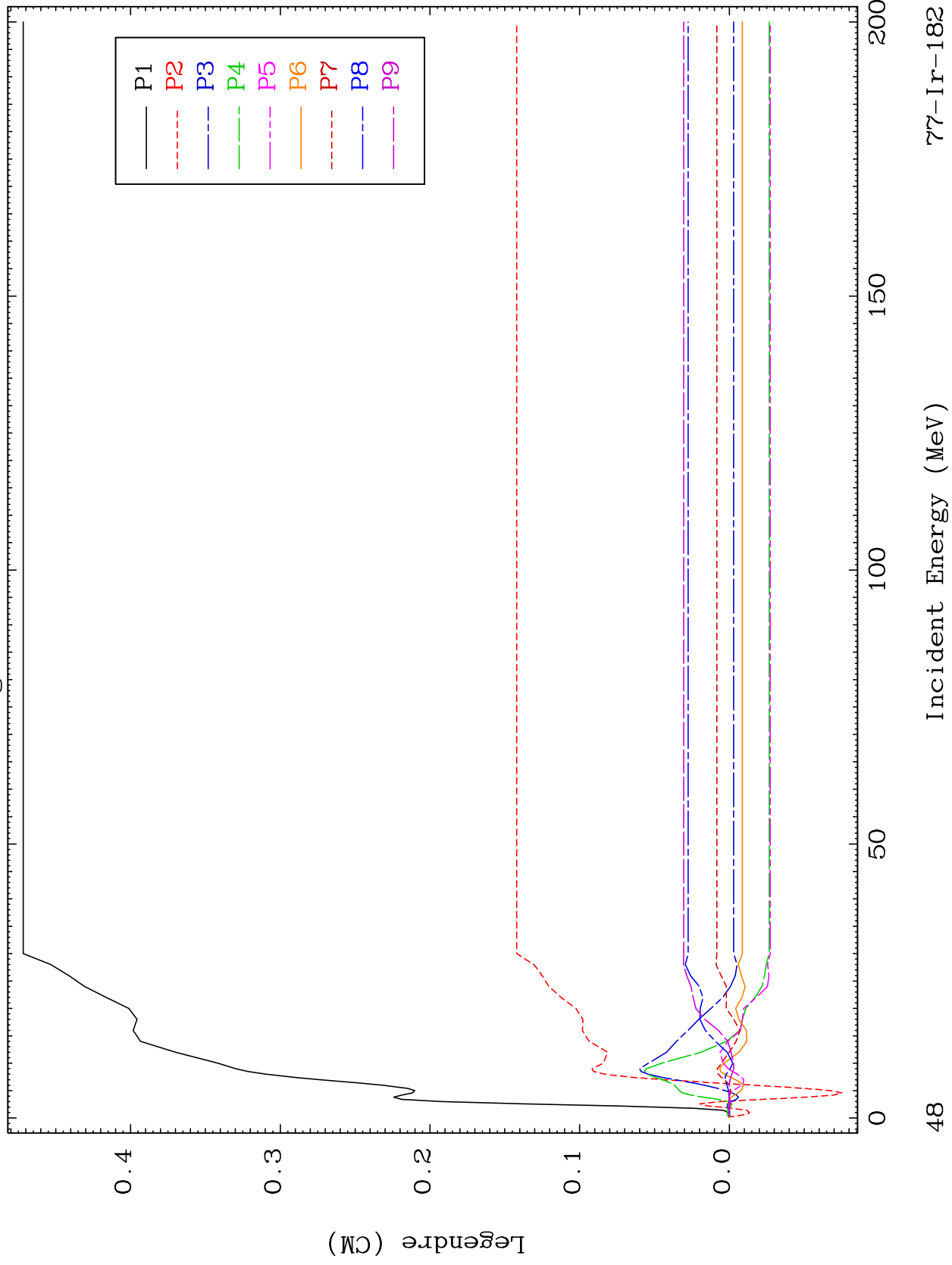
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

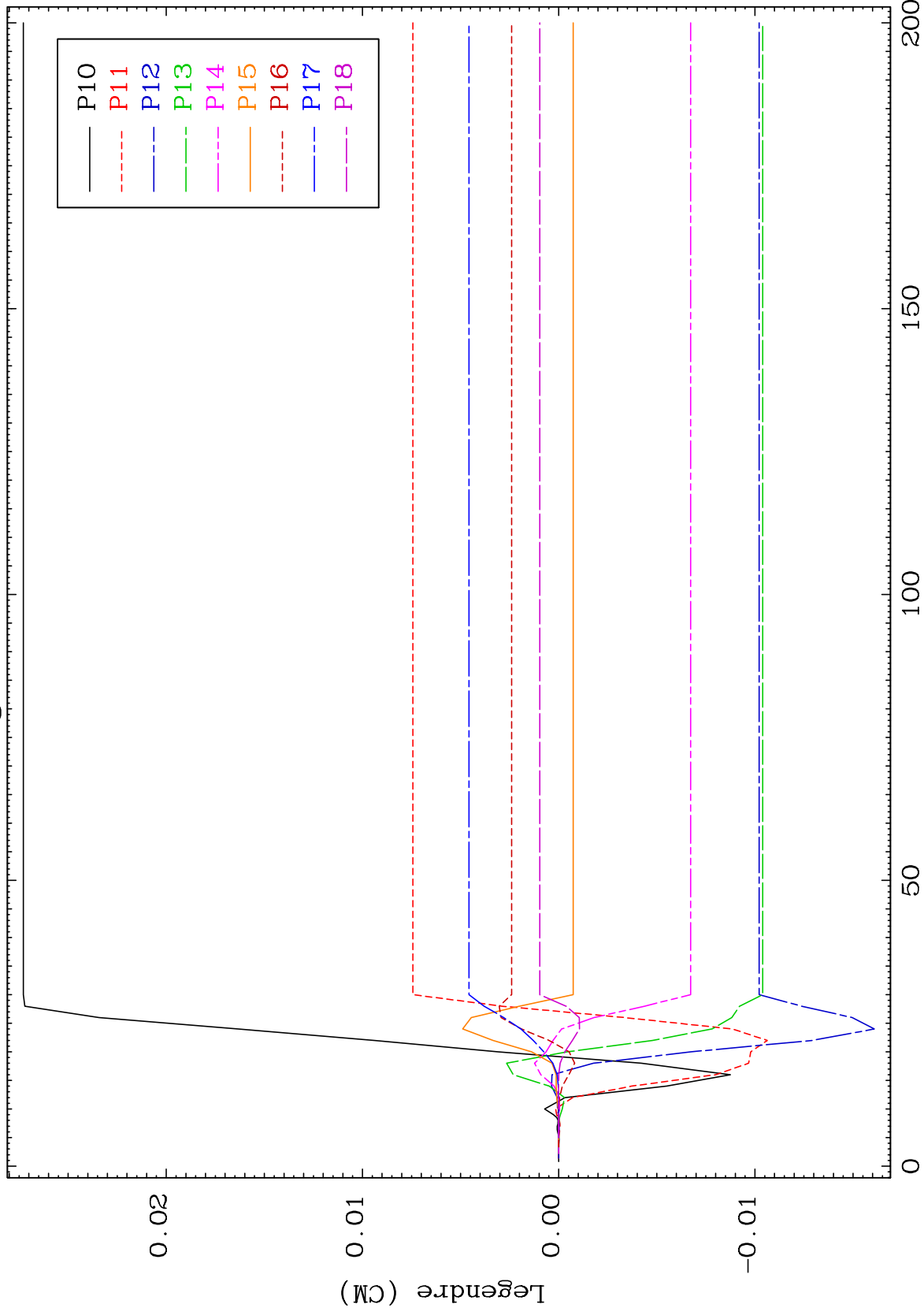
Incident Energy (MeV)

48

MAT 7698

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

77-Ir-182



49

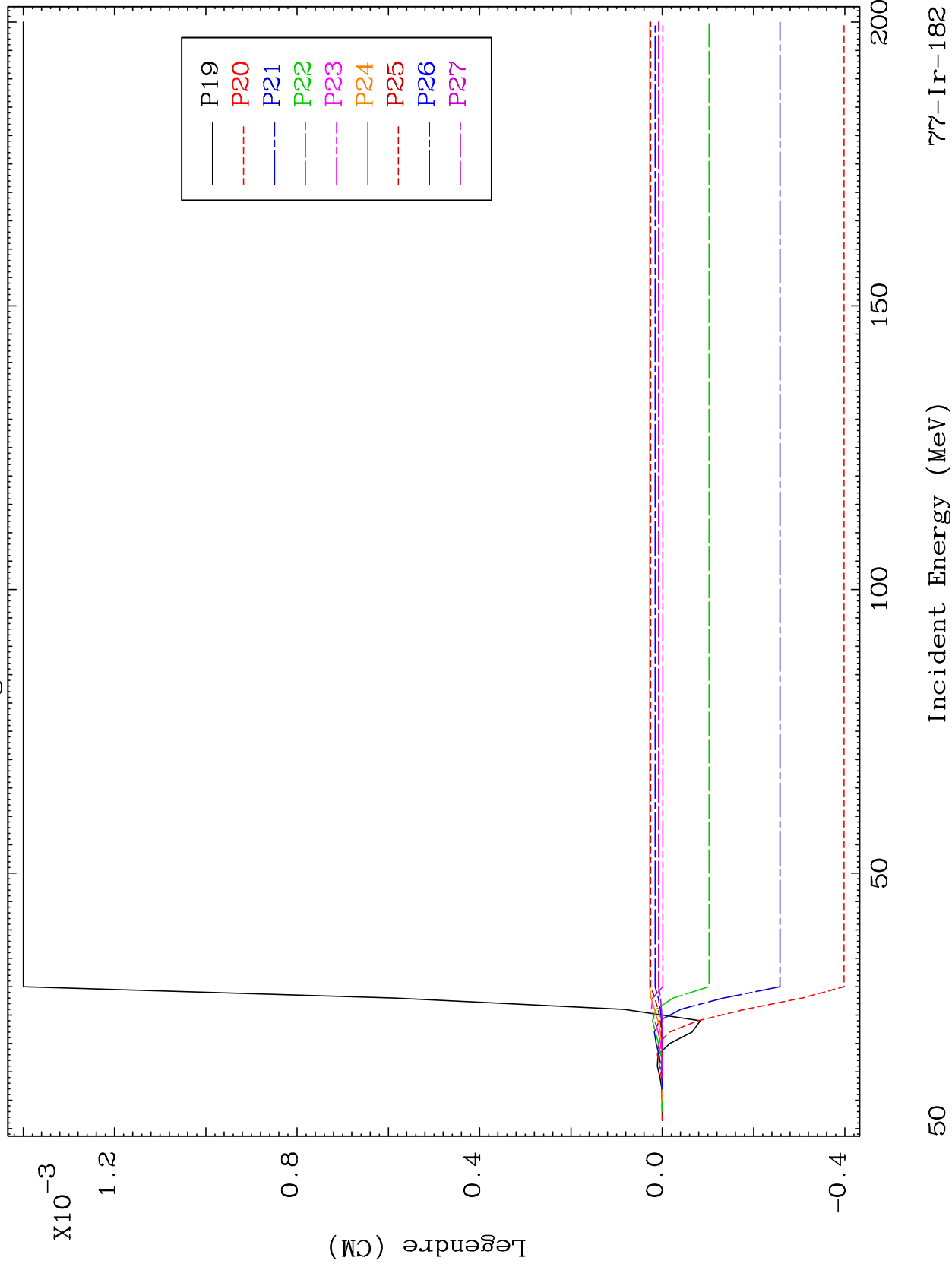
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

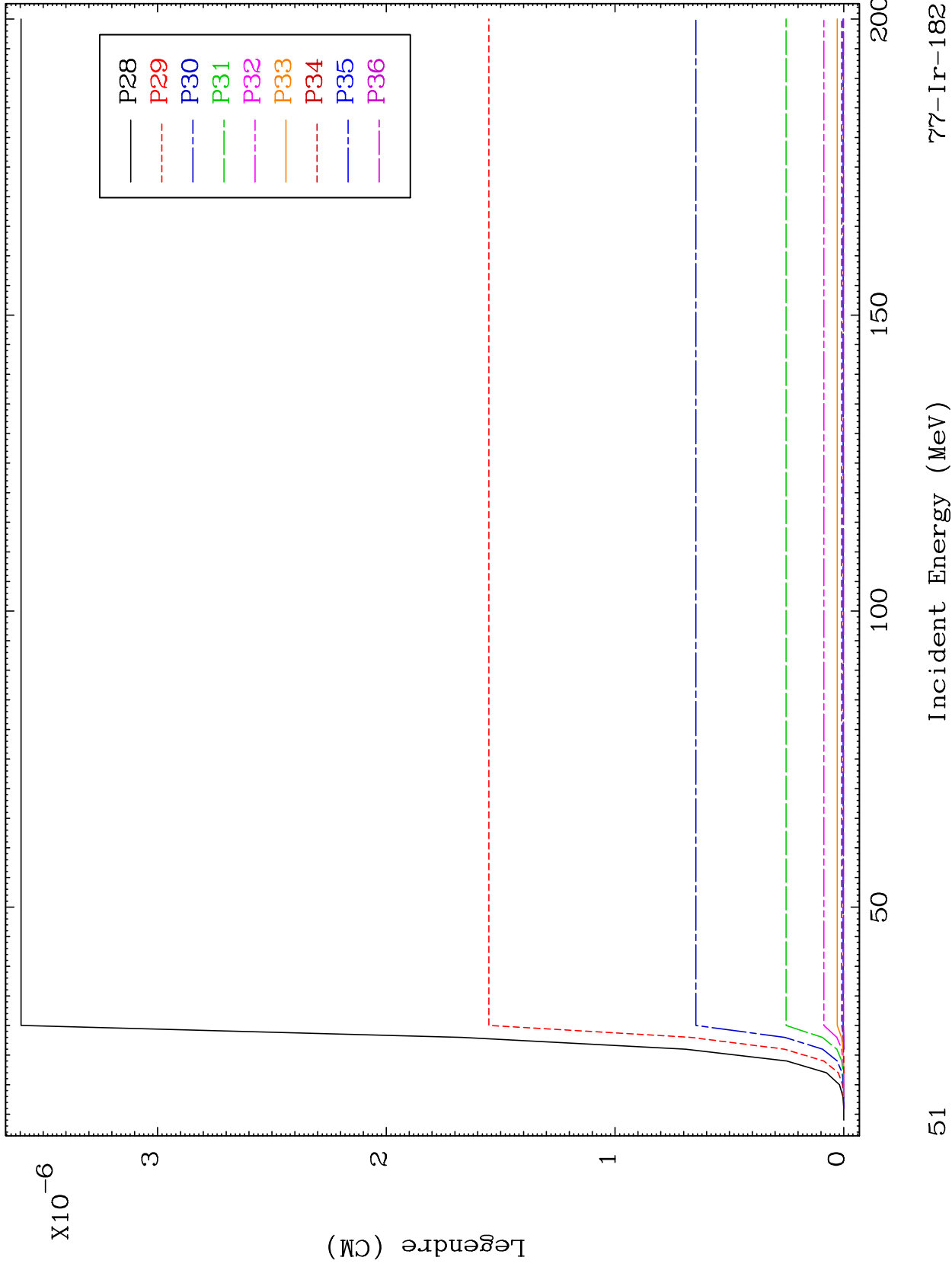
Incident Energy (MeV)

50

MAT 7698

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

77-Ir-182



51

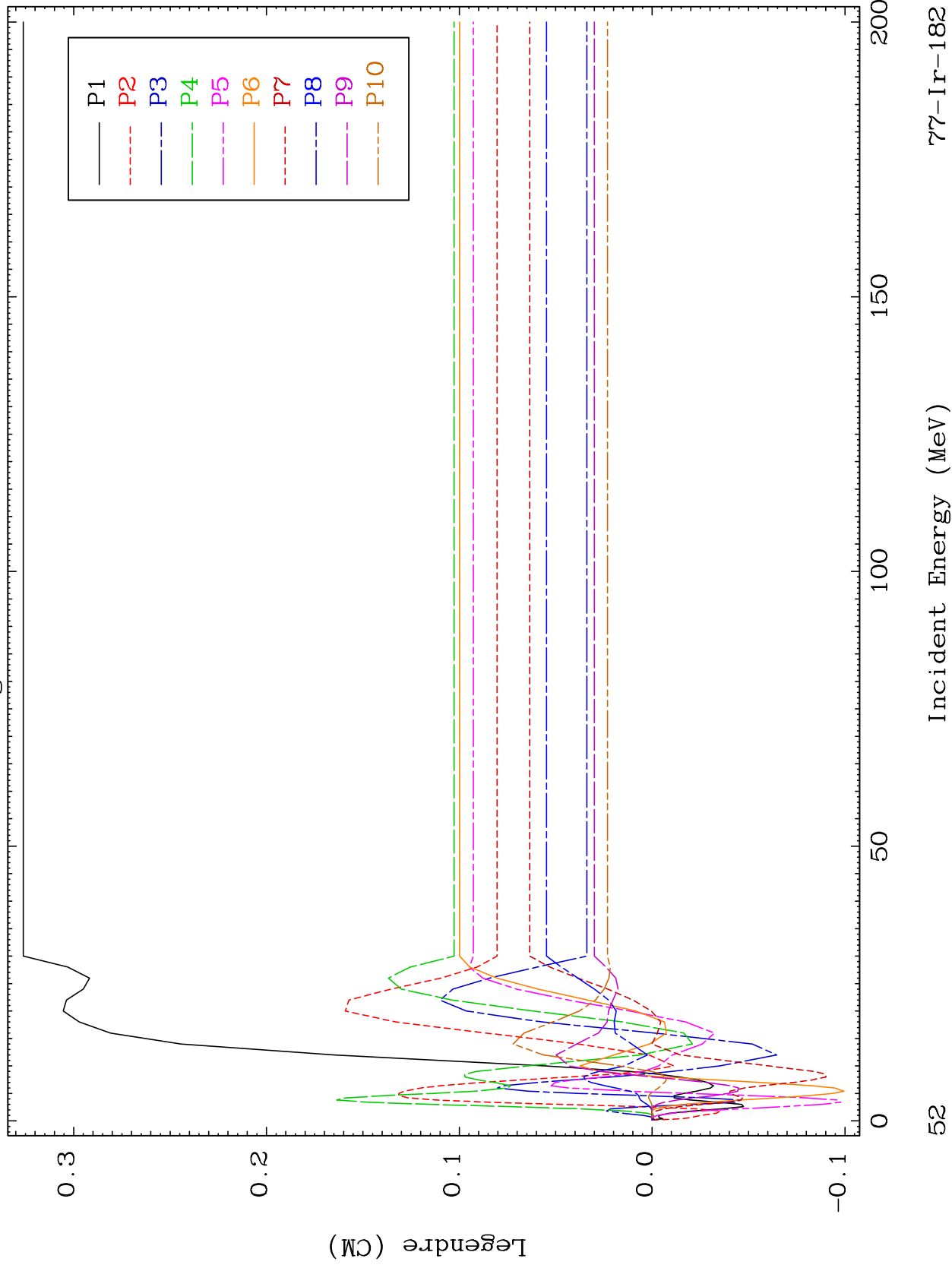
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

⁷⁷Ir-182



⁷⁷Ir-182

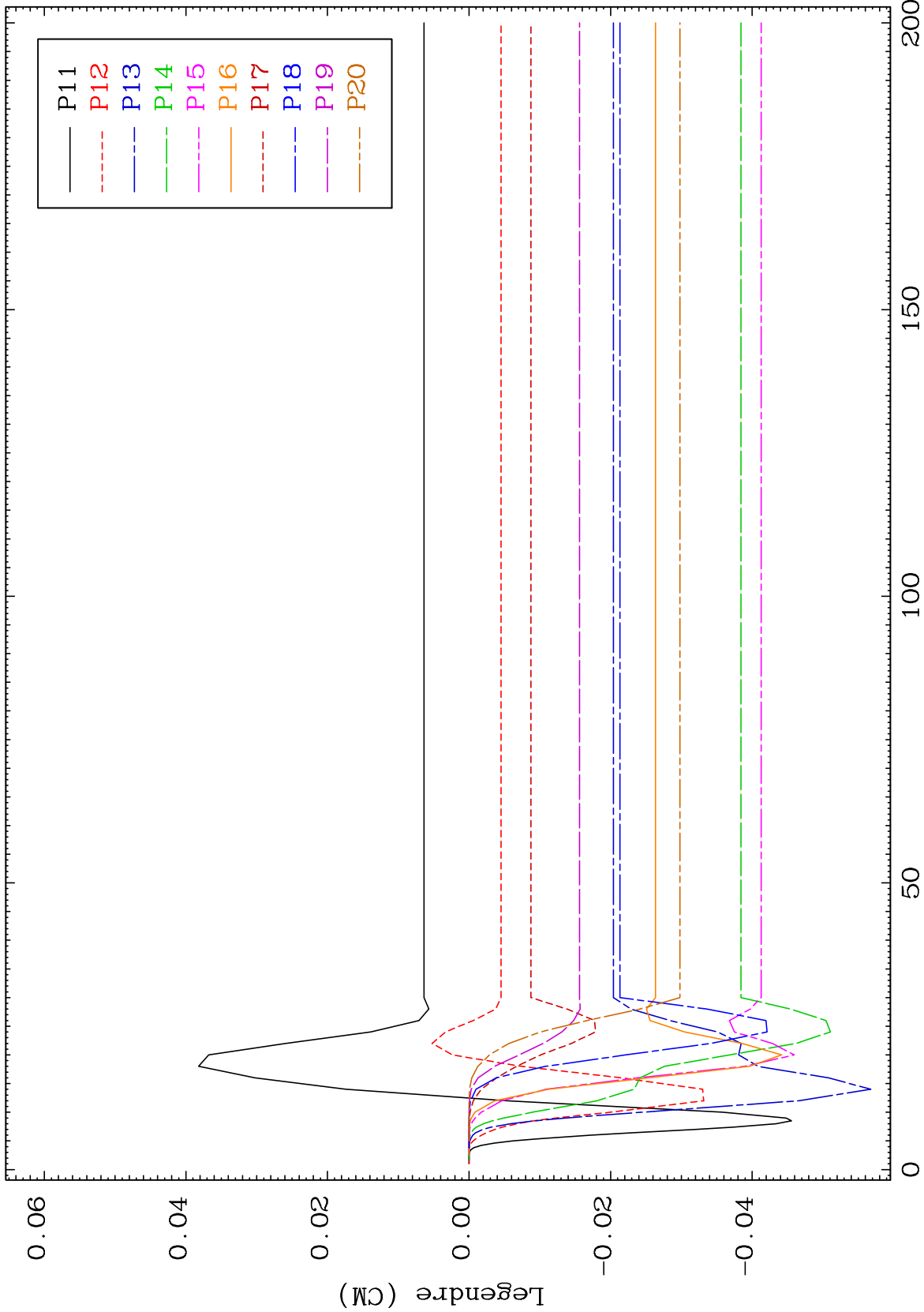
Incident Energy (MeV)

52

MAT 7698

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

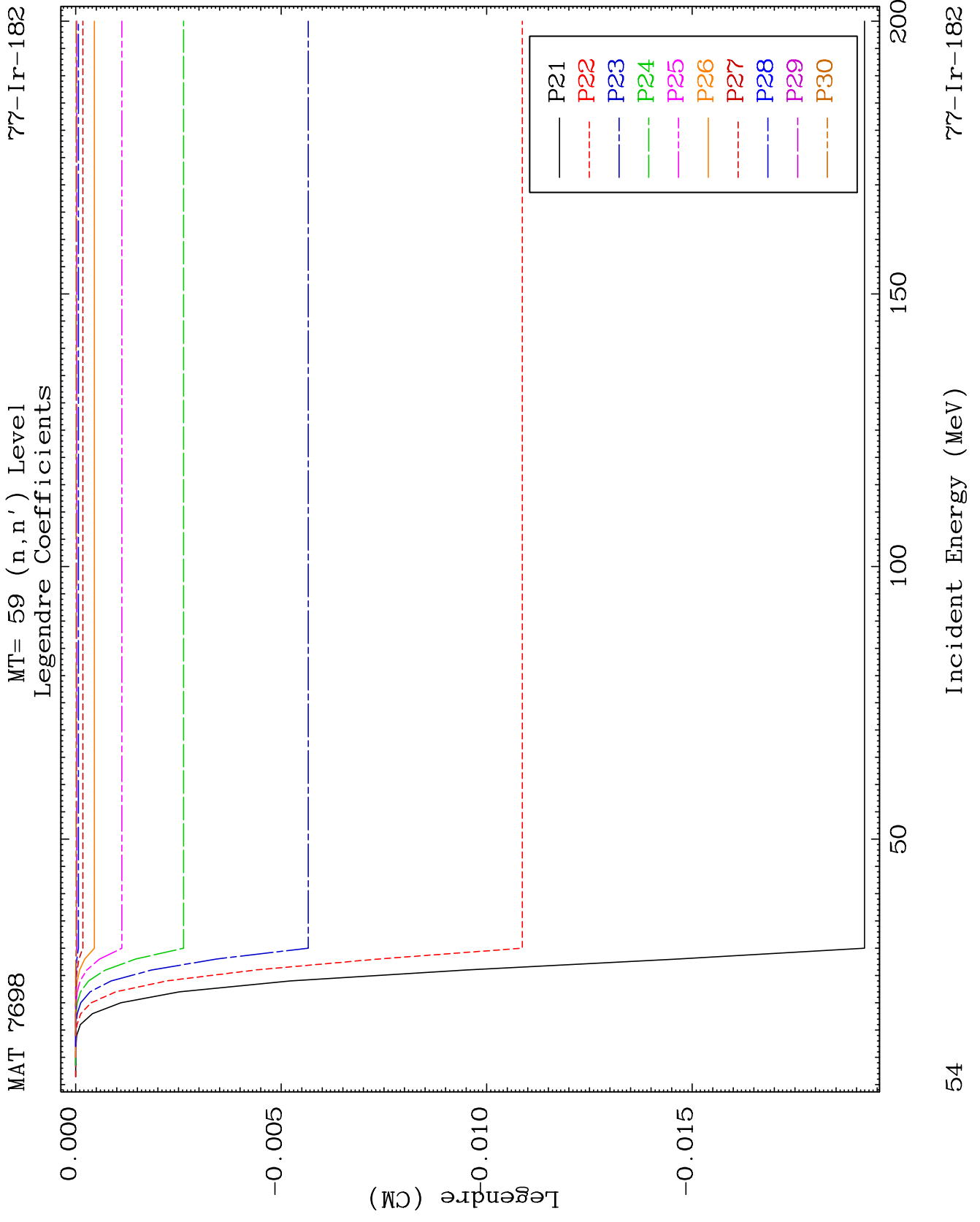
77-Ir-182



53

Incident Energy (MeV)

77-Ir-182

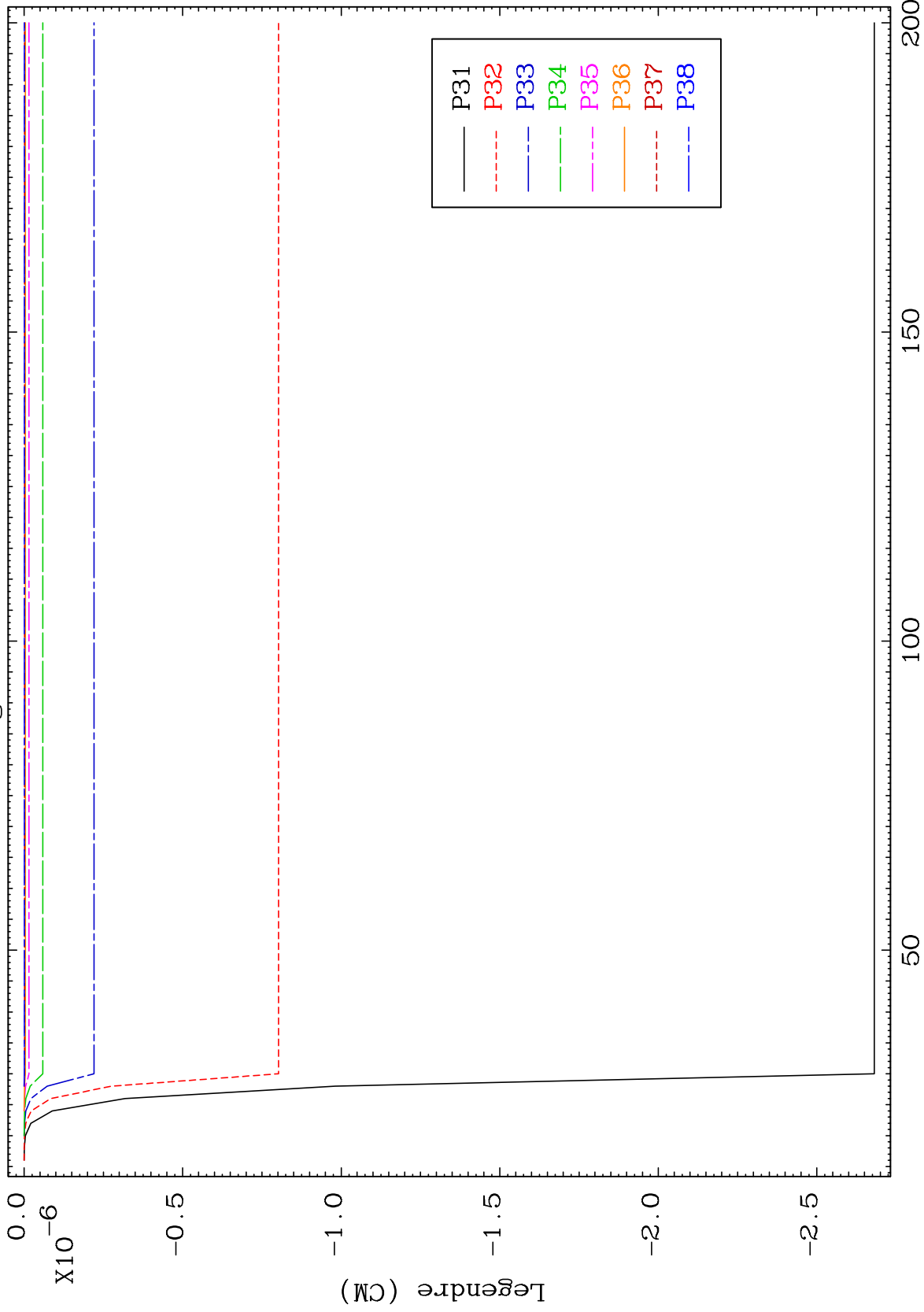


MAT 7698

MT= 59 (n,n') Level

77-Ir-182

Legendre Coefficients



55

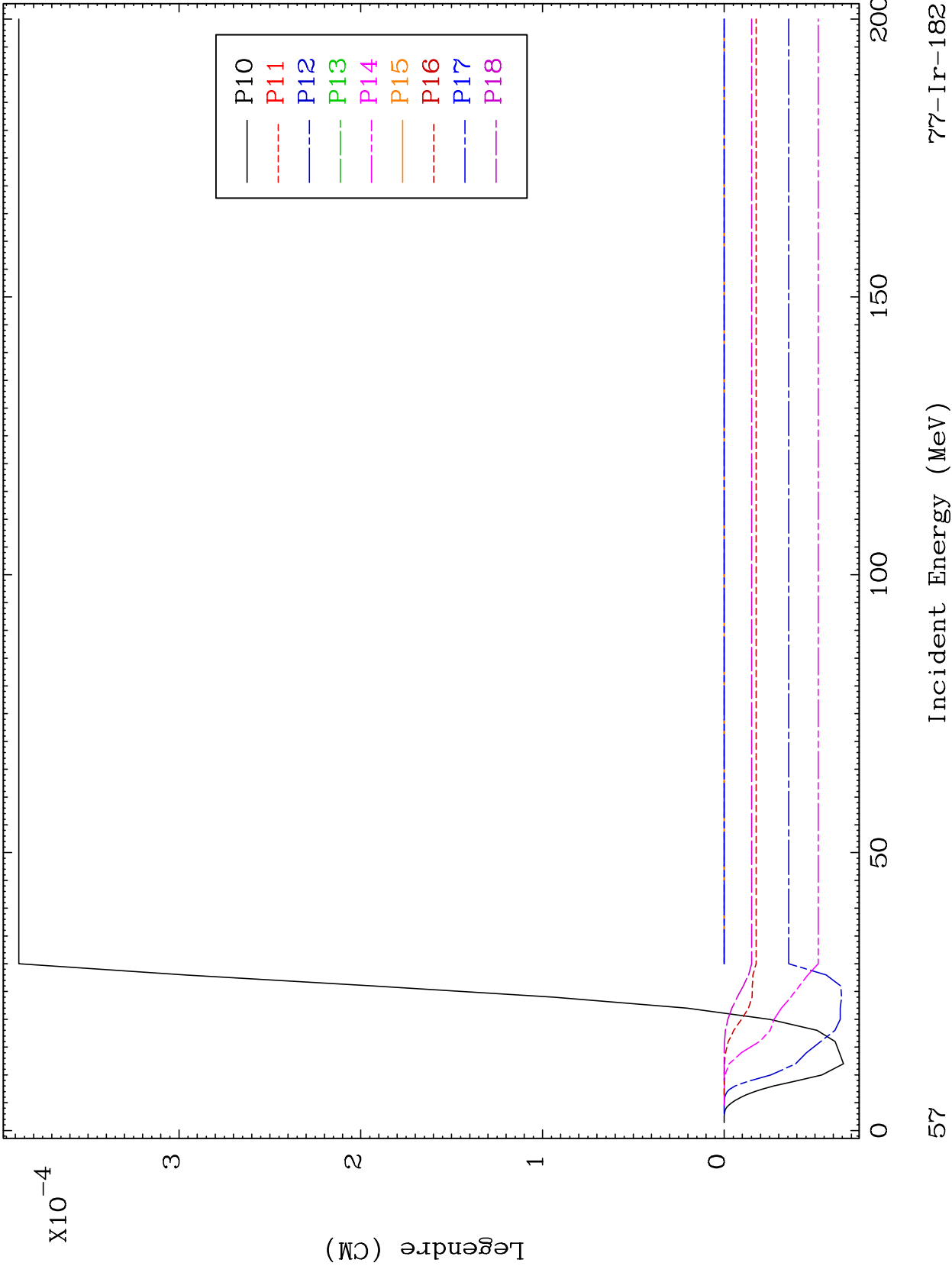
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

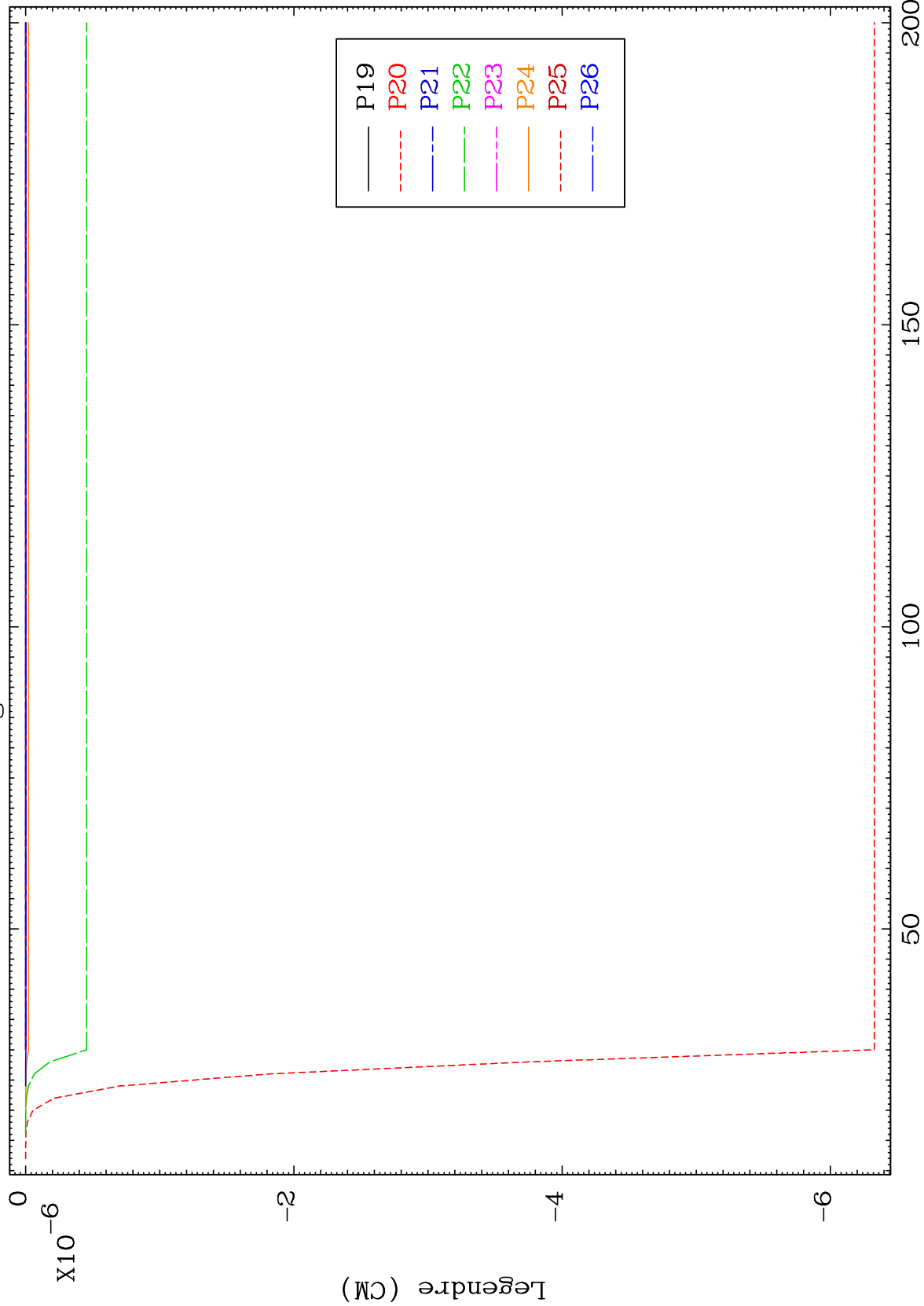
Incident Energy (MeV)

57

MAT 7698

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

77-Ir-182



58

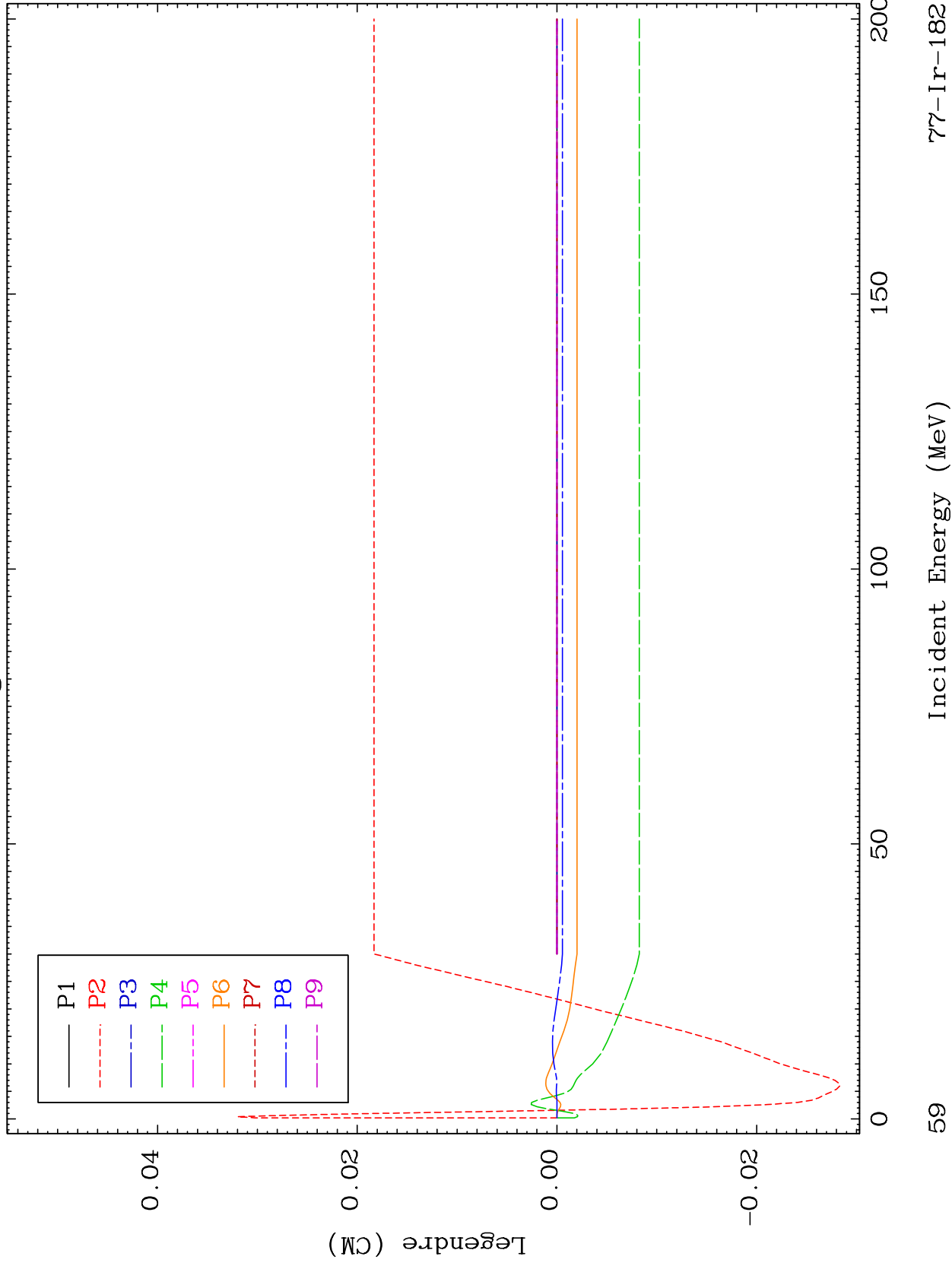
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

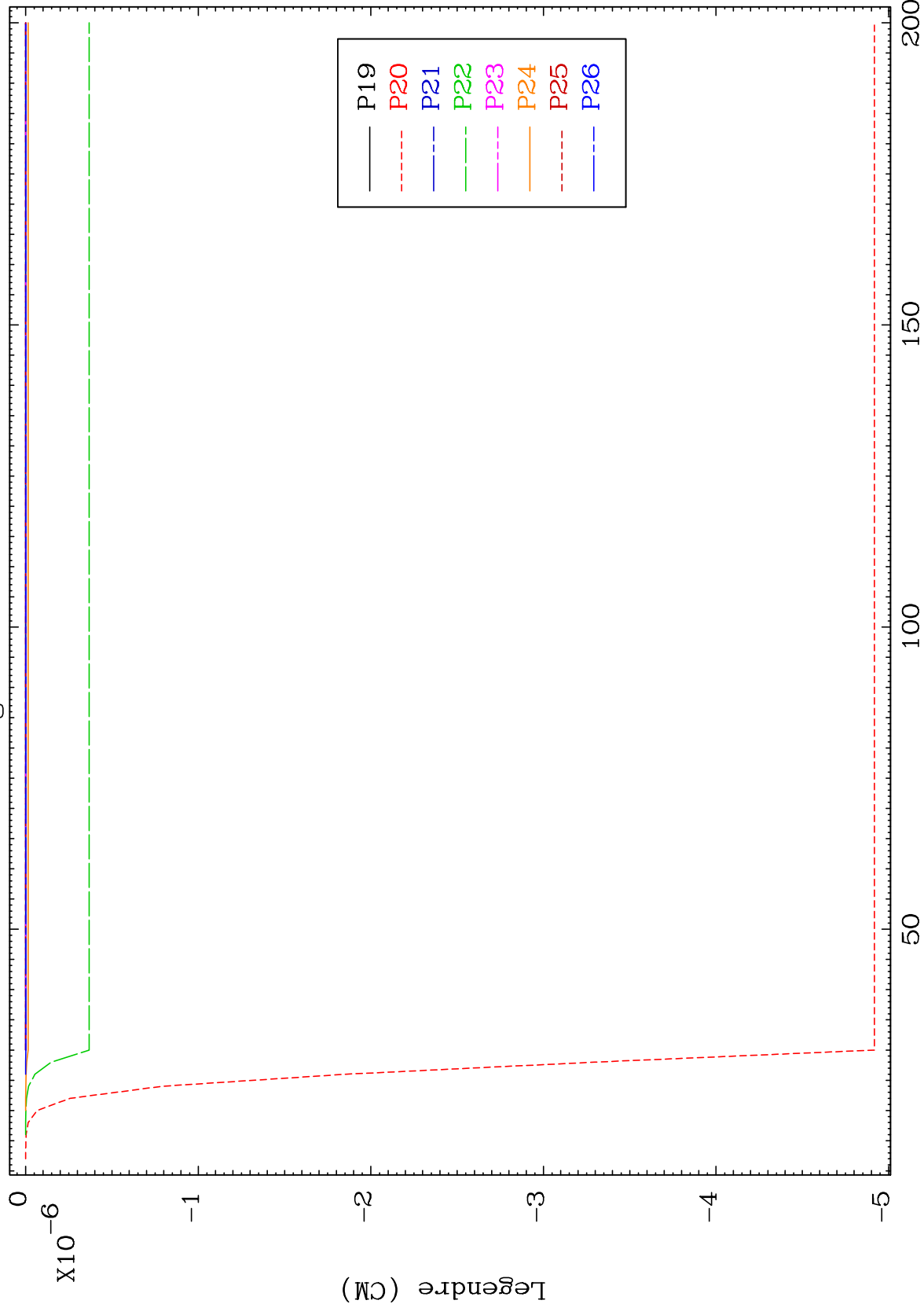
Incident Energy (MeV)

59

MAT 7698

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

77-Ir-182



61

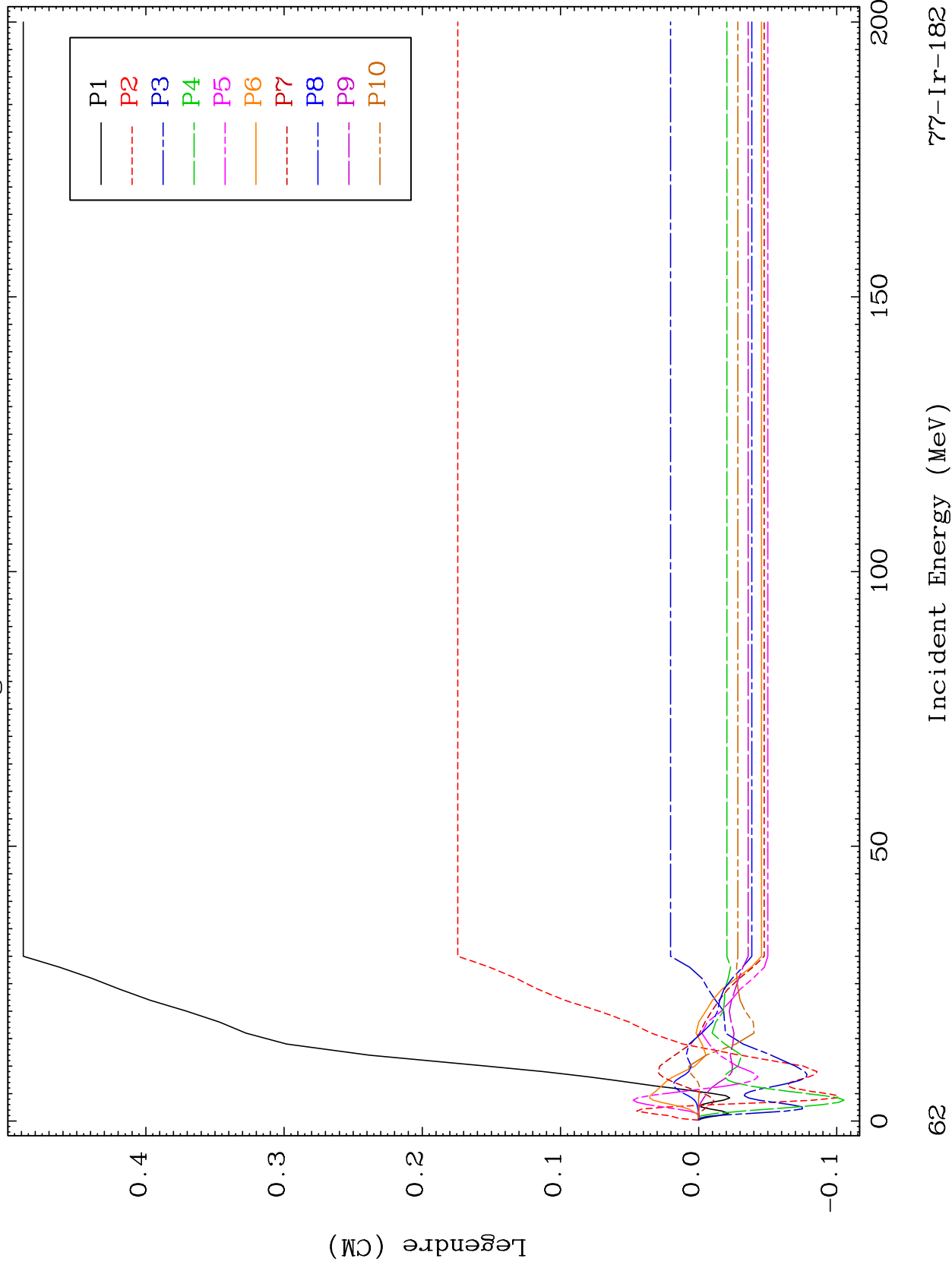
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



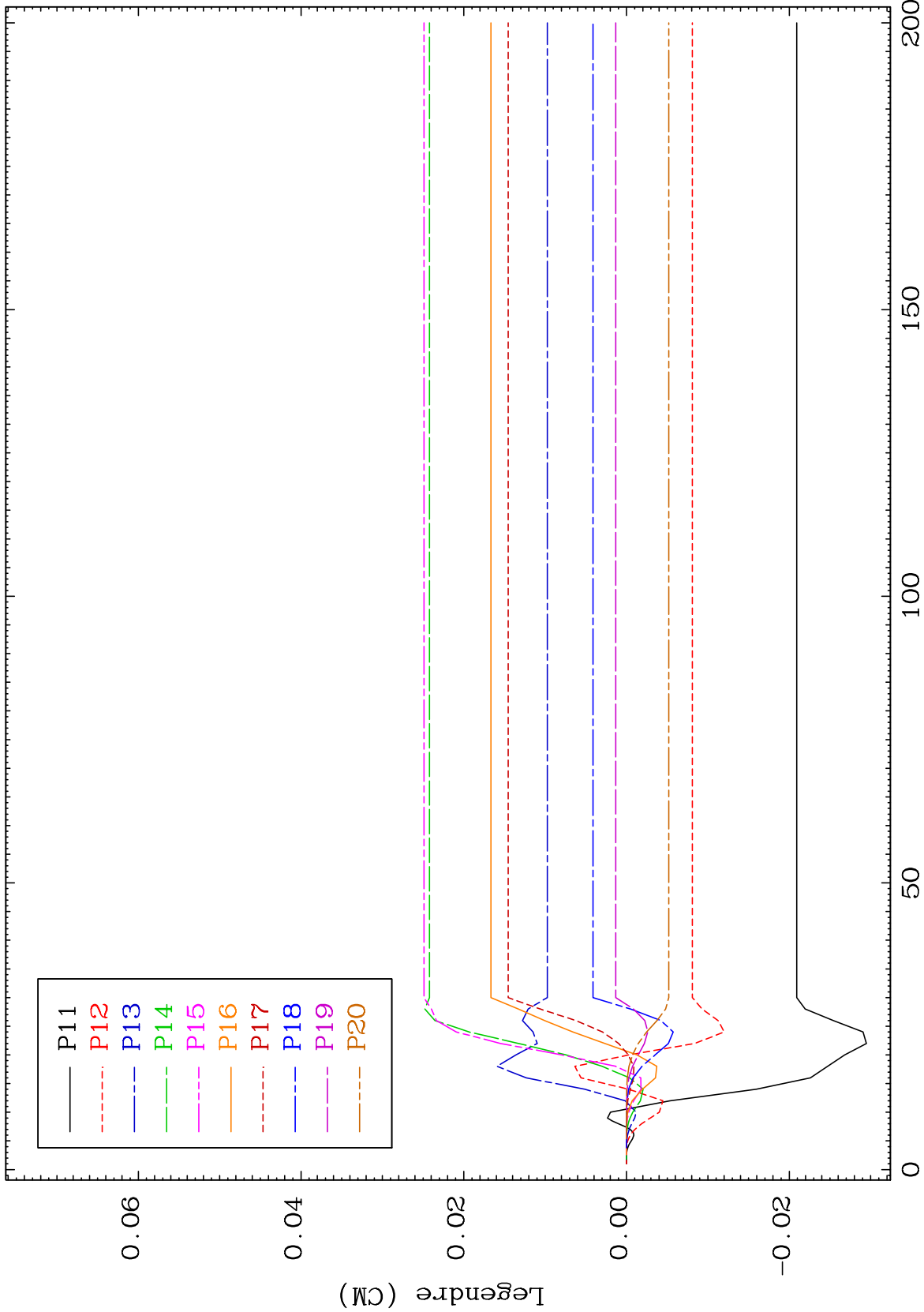
62

77-Ir-182

MAT 7698

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

77-Ir-182



63

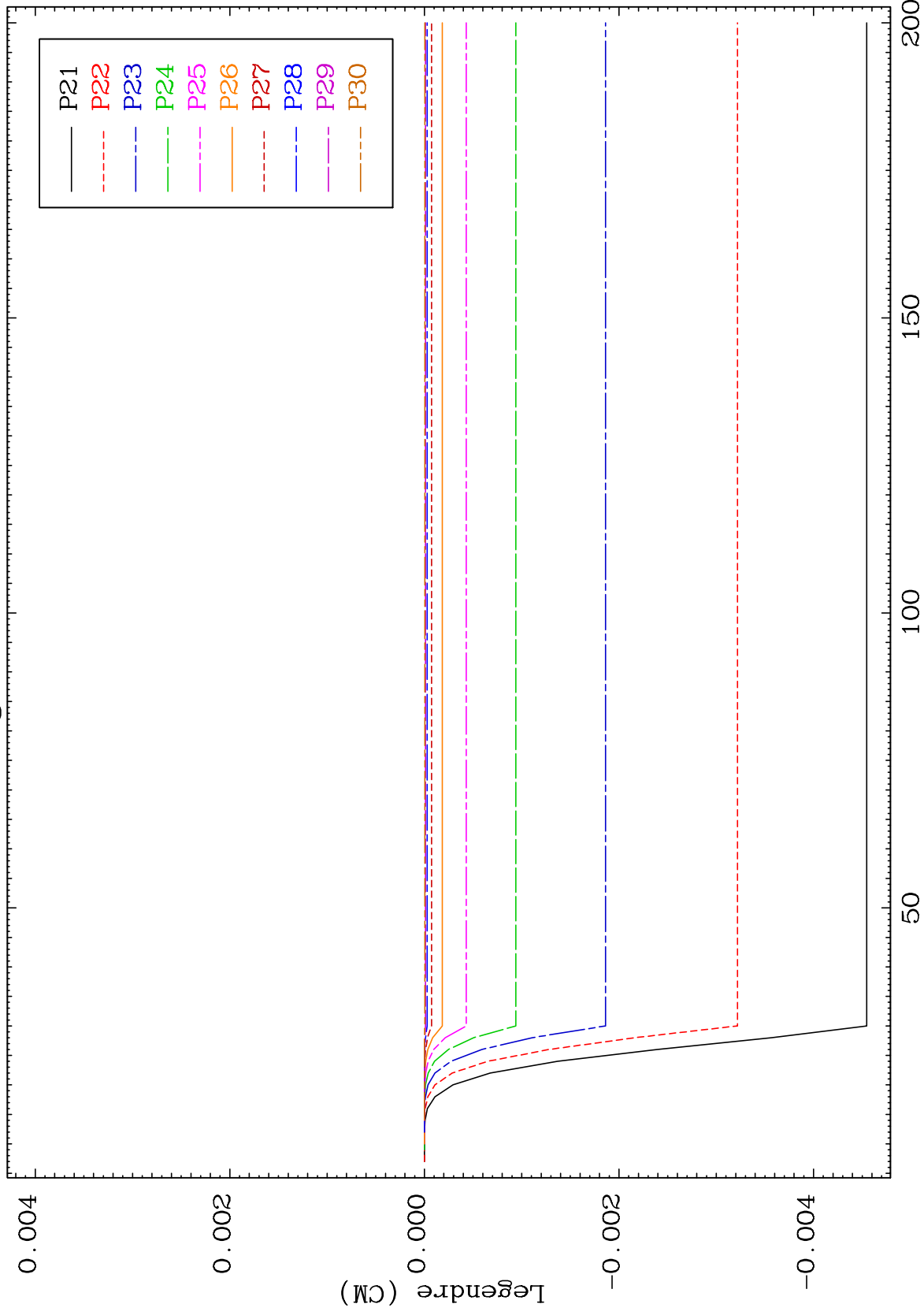
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



64

Incident Energy (MeV)

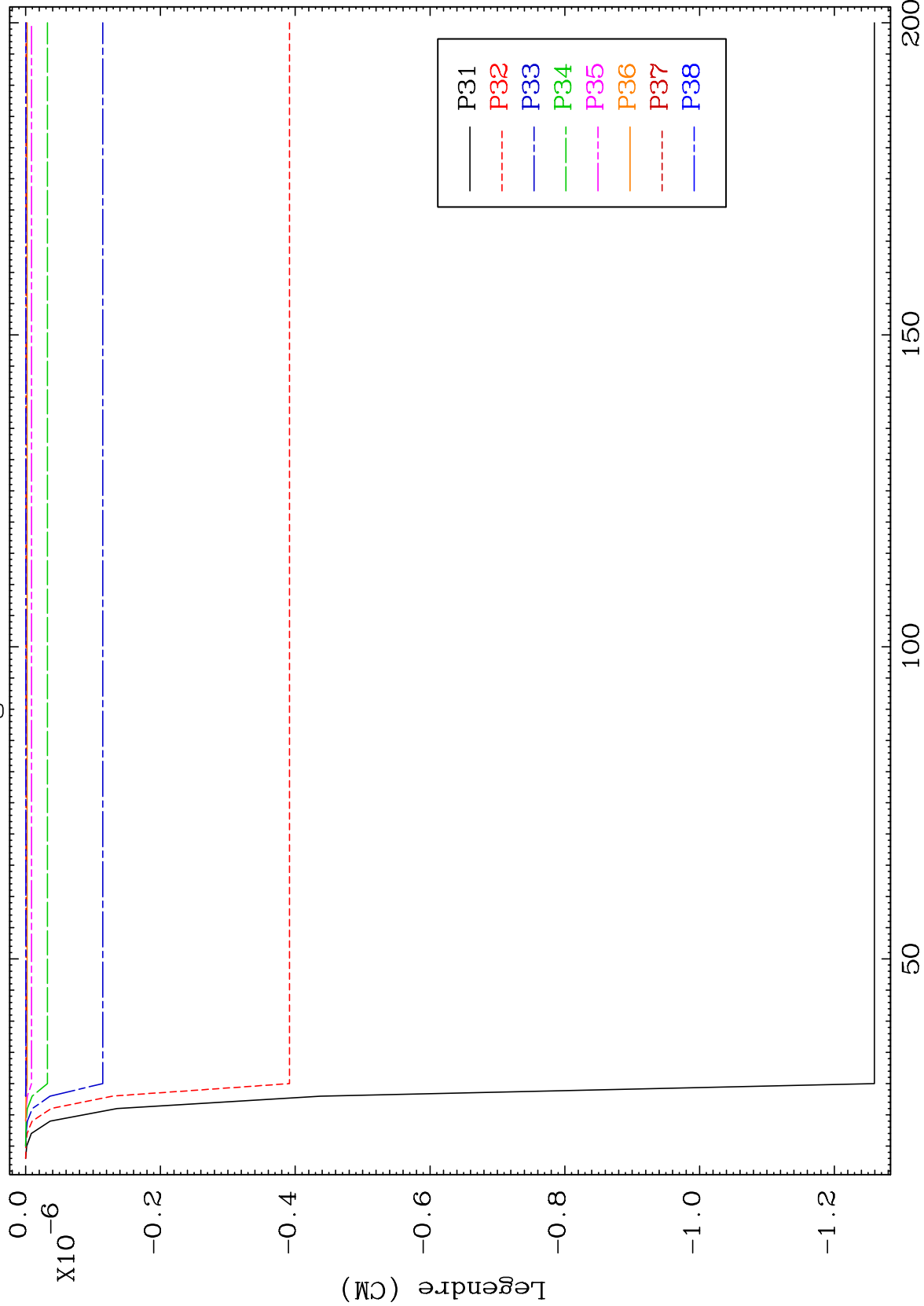
77-Ir-182

MAT 7698

MT= 62 (n,n') Level

77-Ir-182

Legendre Coefficients



65

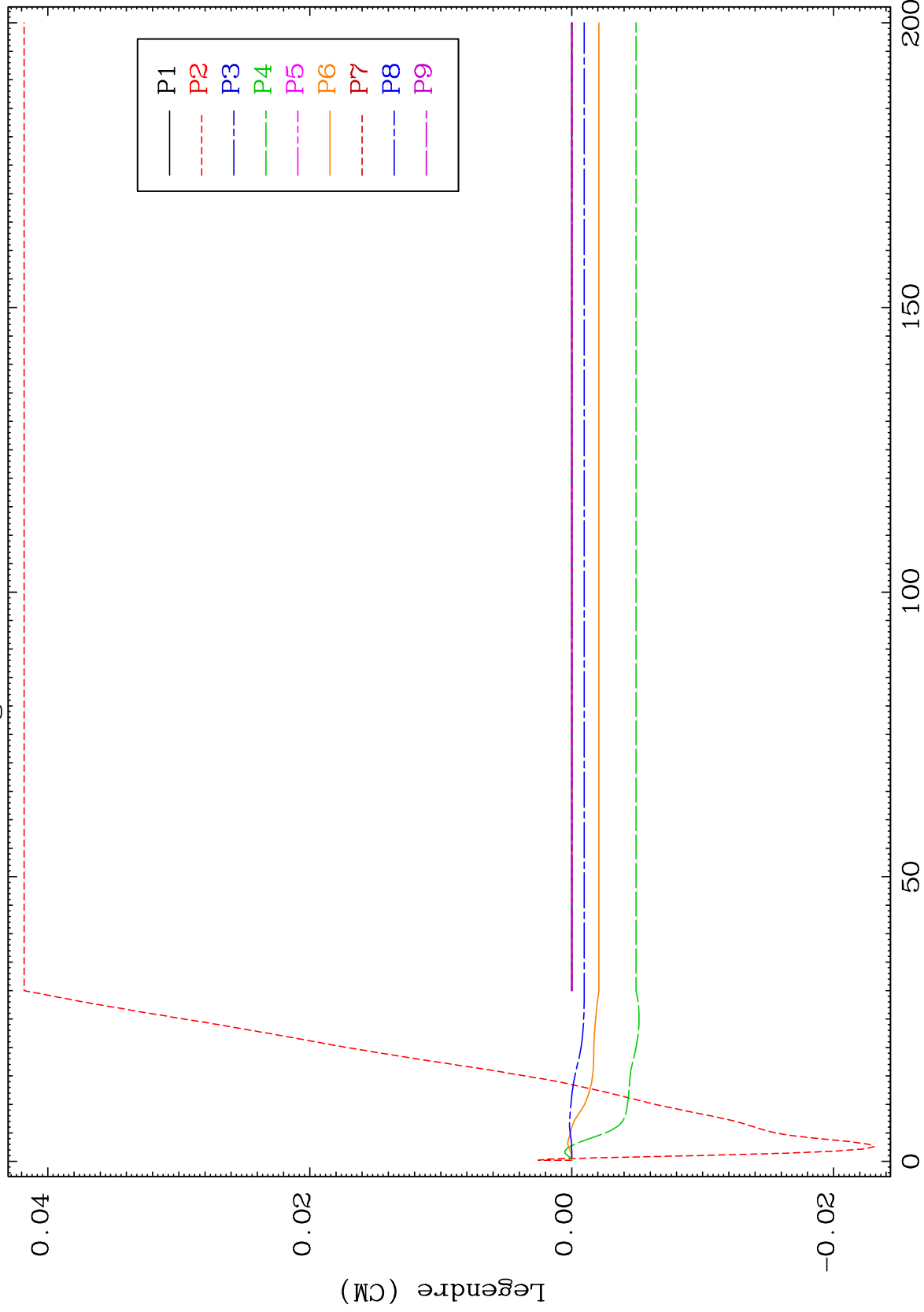
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



66

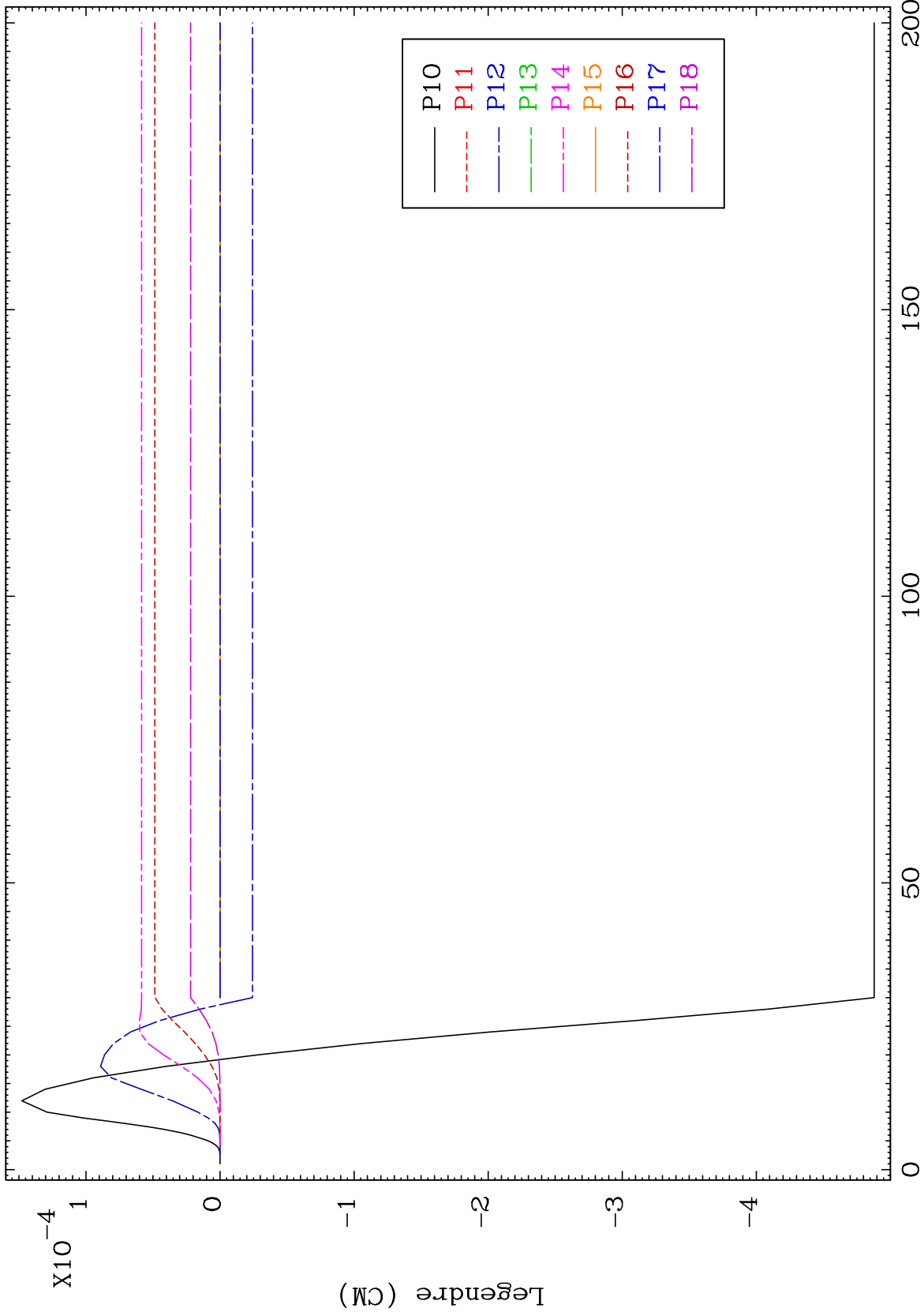
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



67

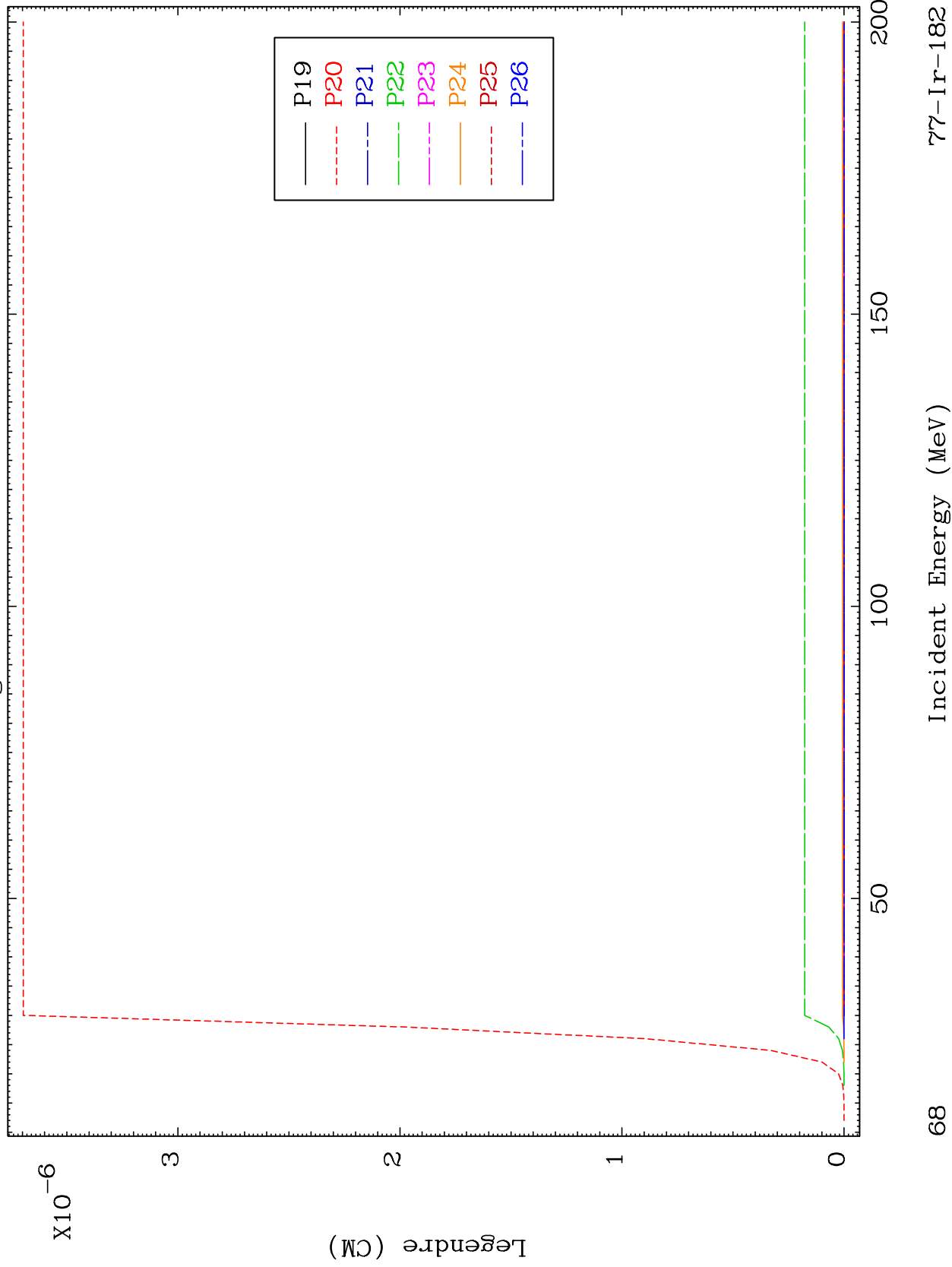
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



68

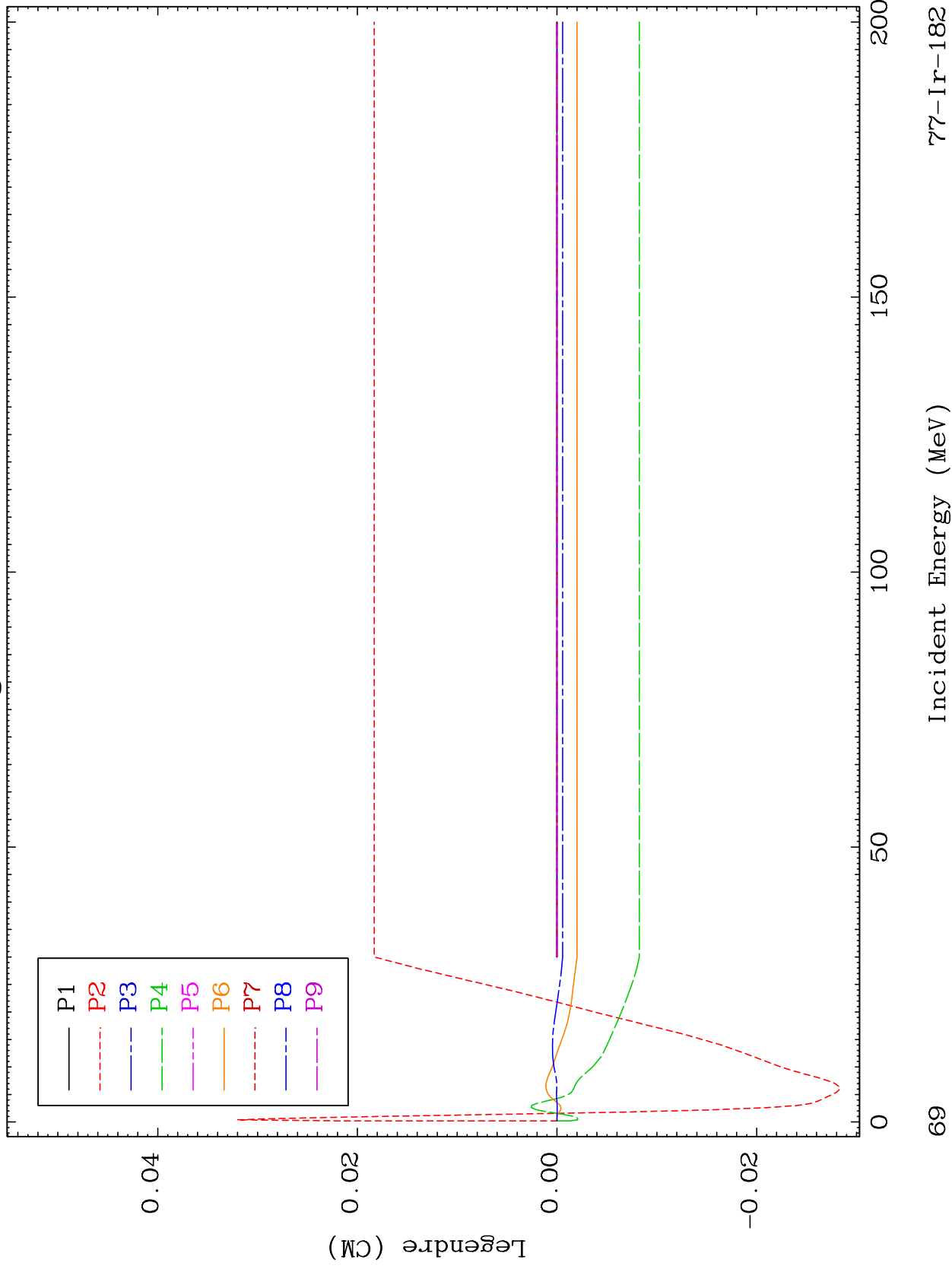
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



69

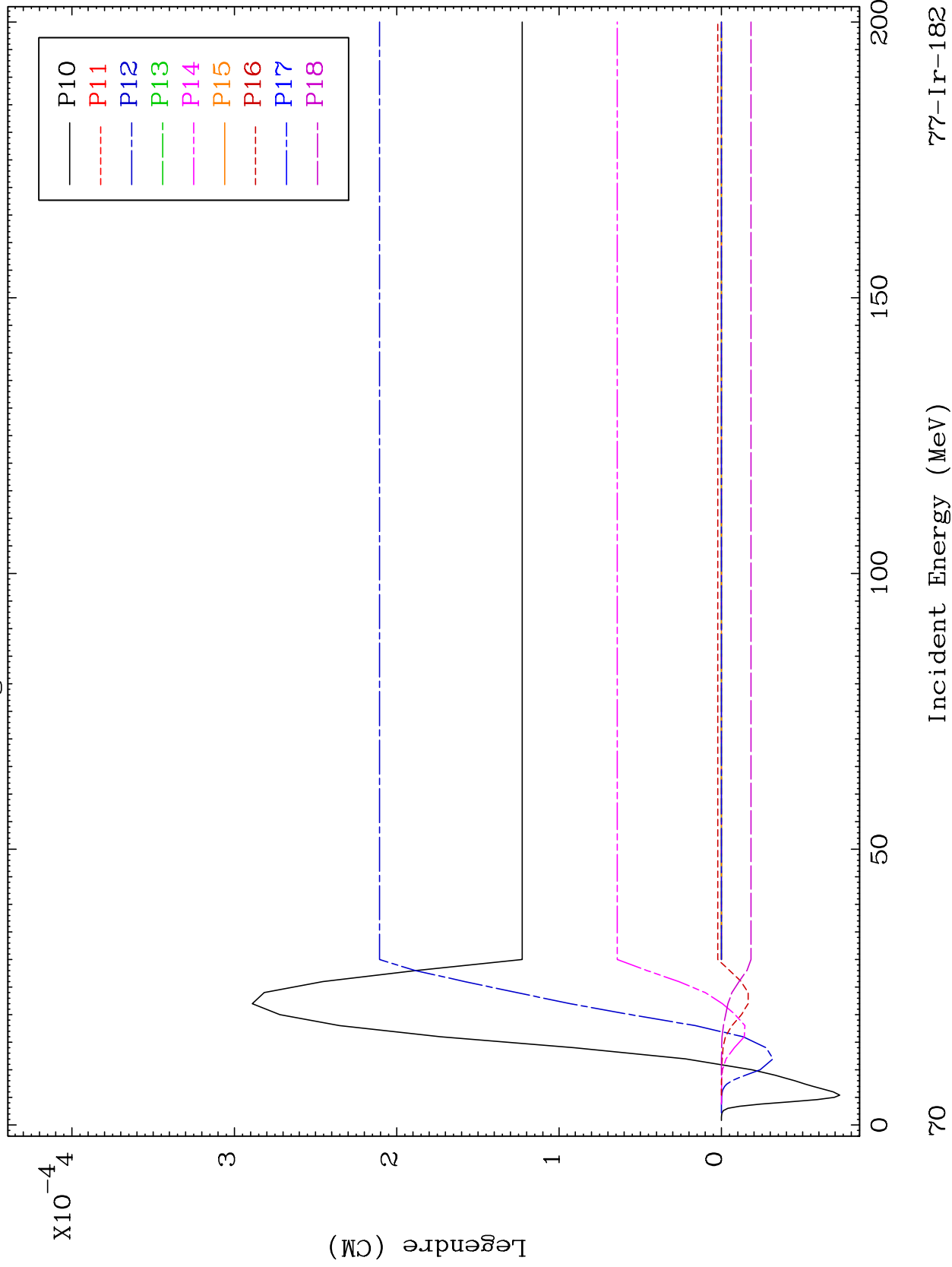
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



70

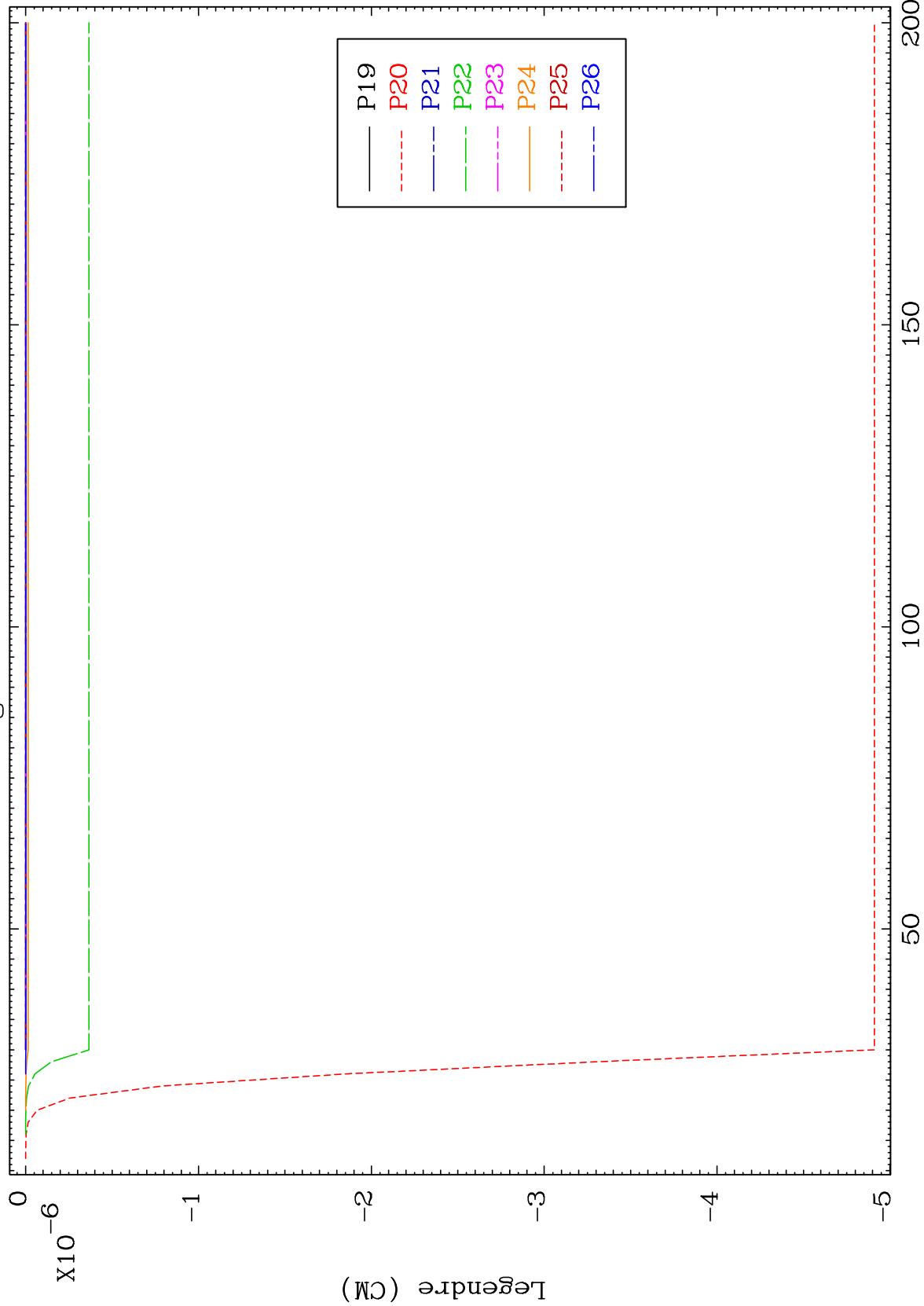
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



71

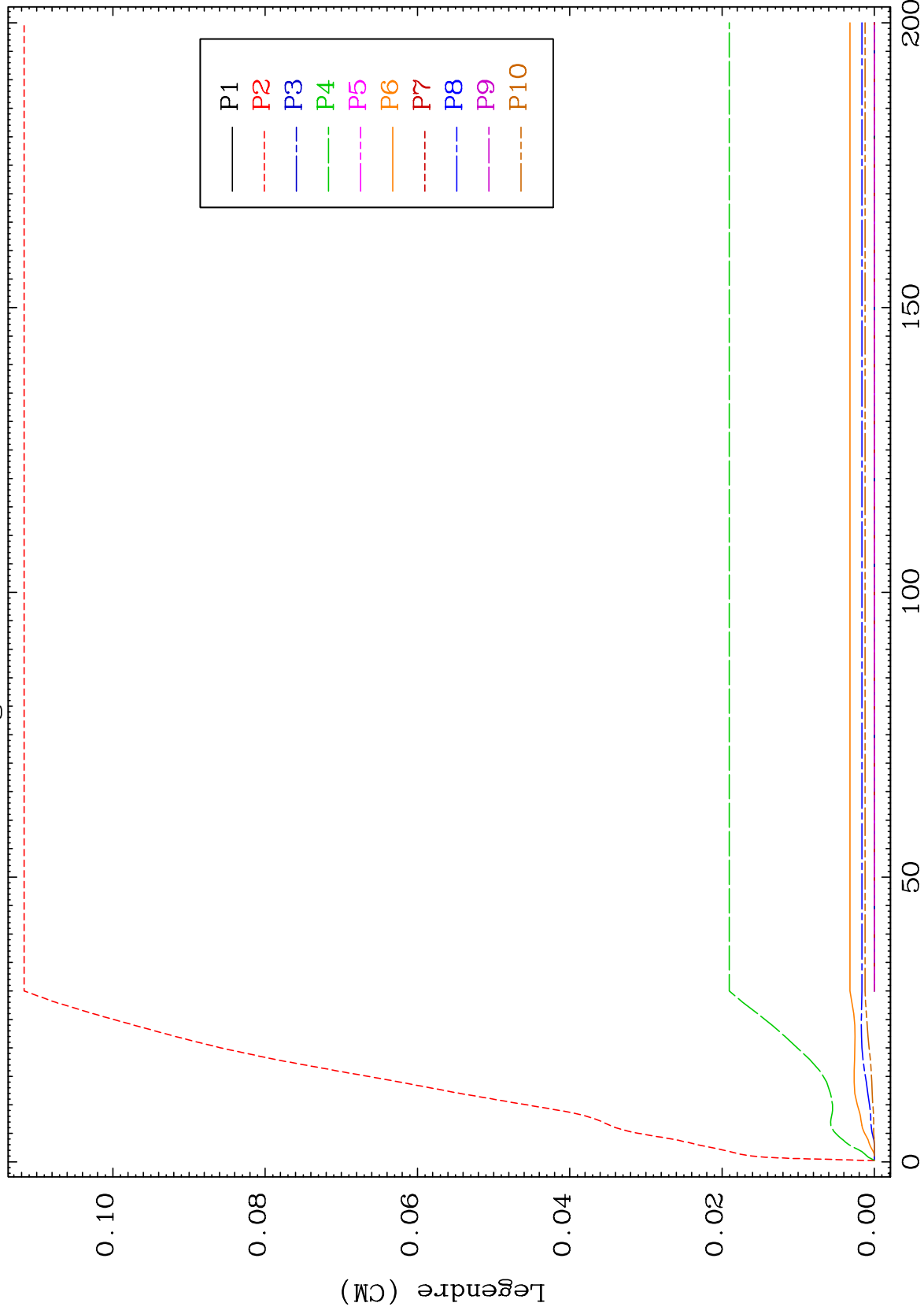
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



72

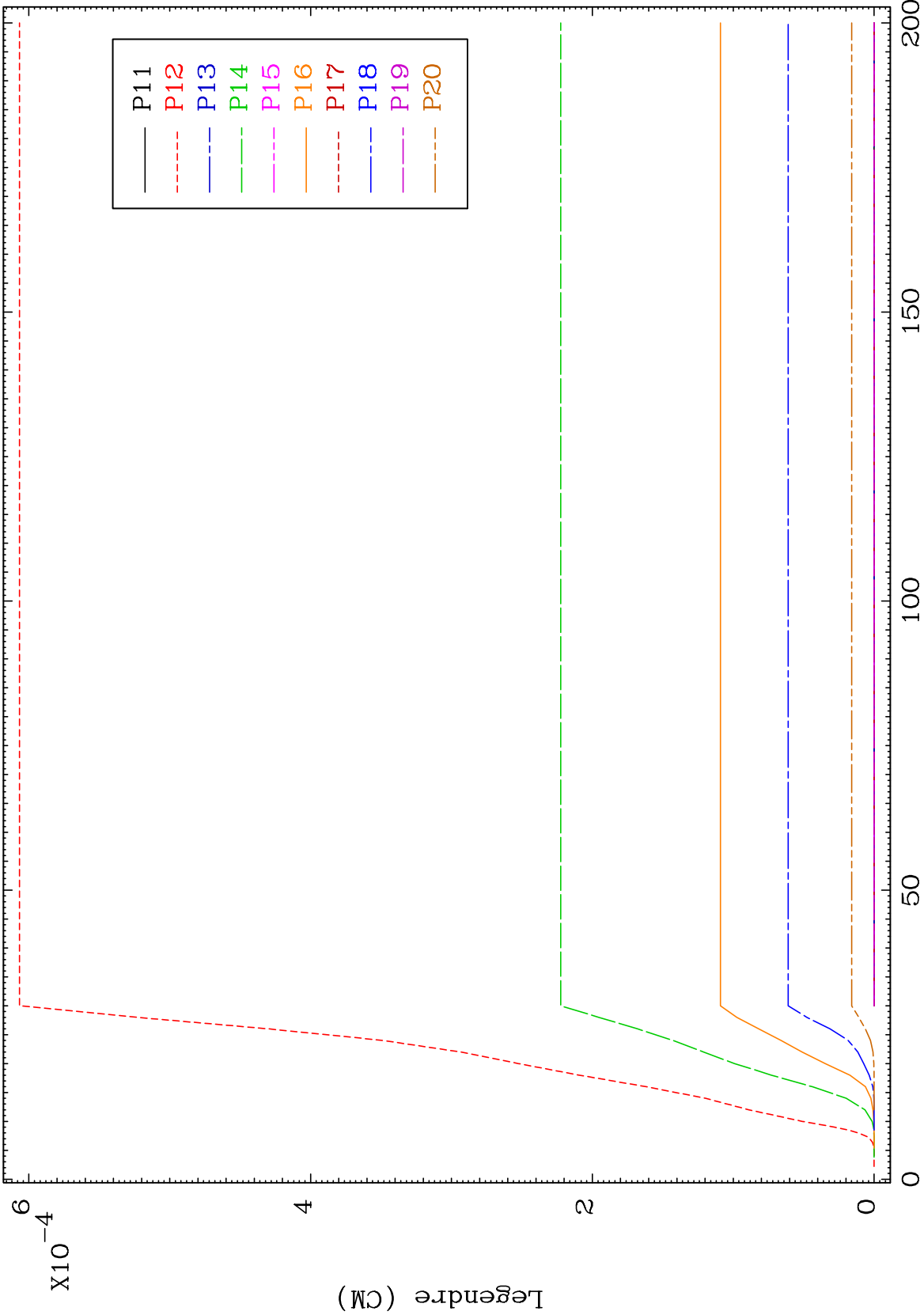
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



73

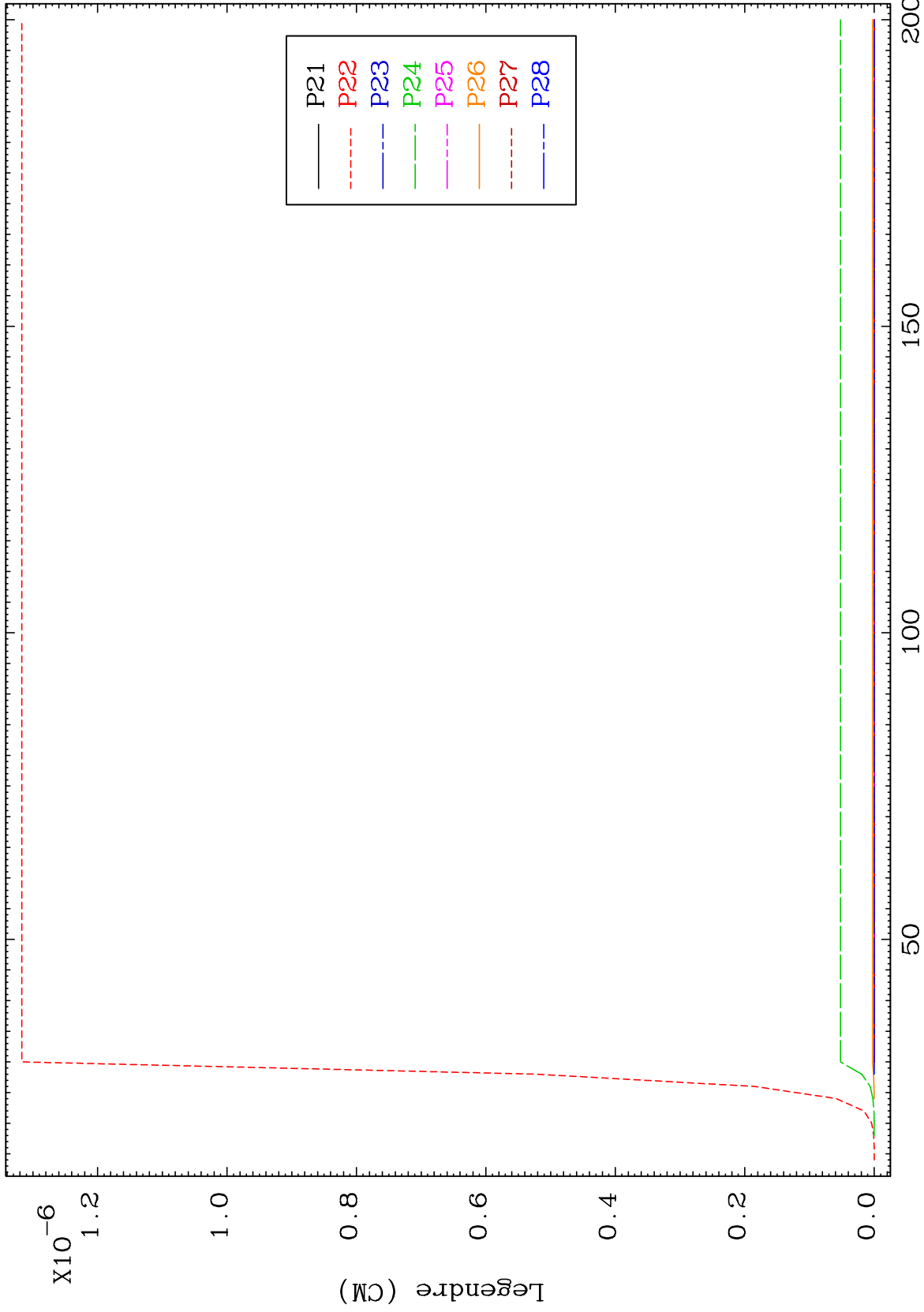
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



74

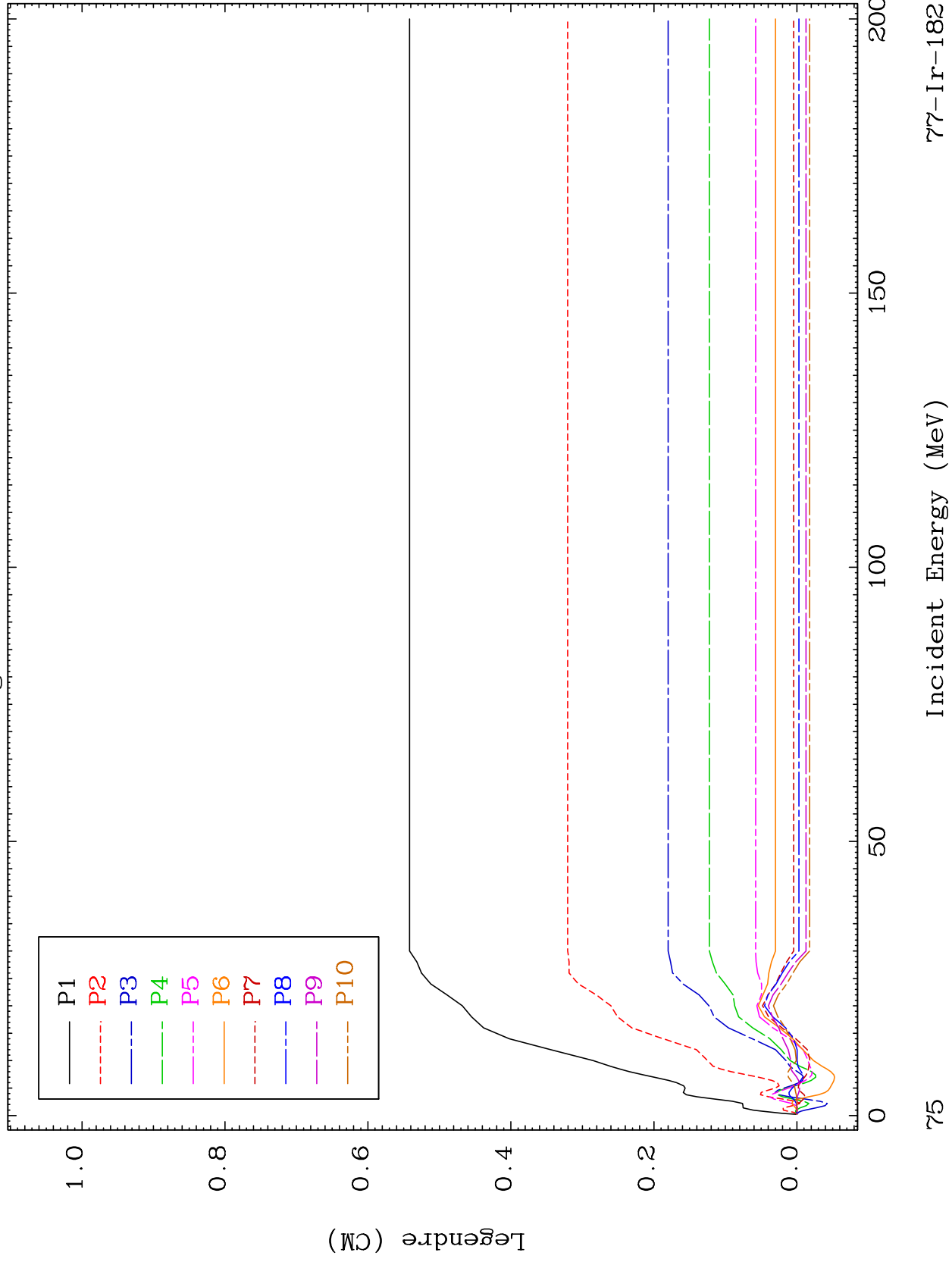
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182

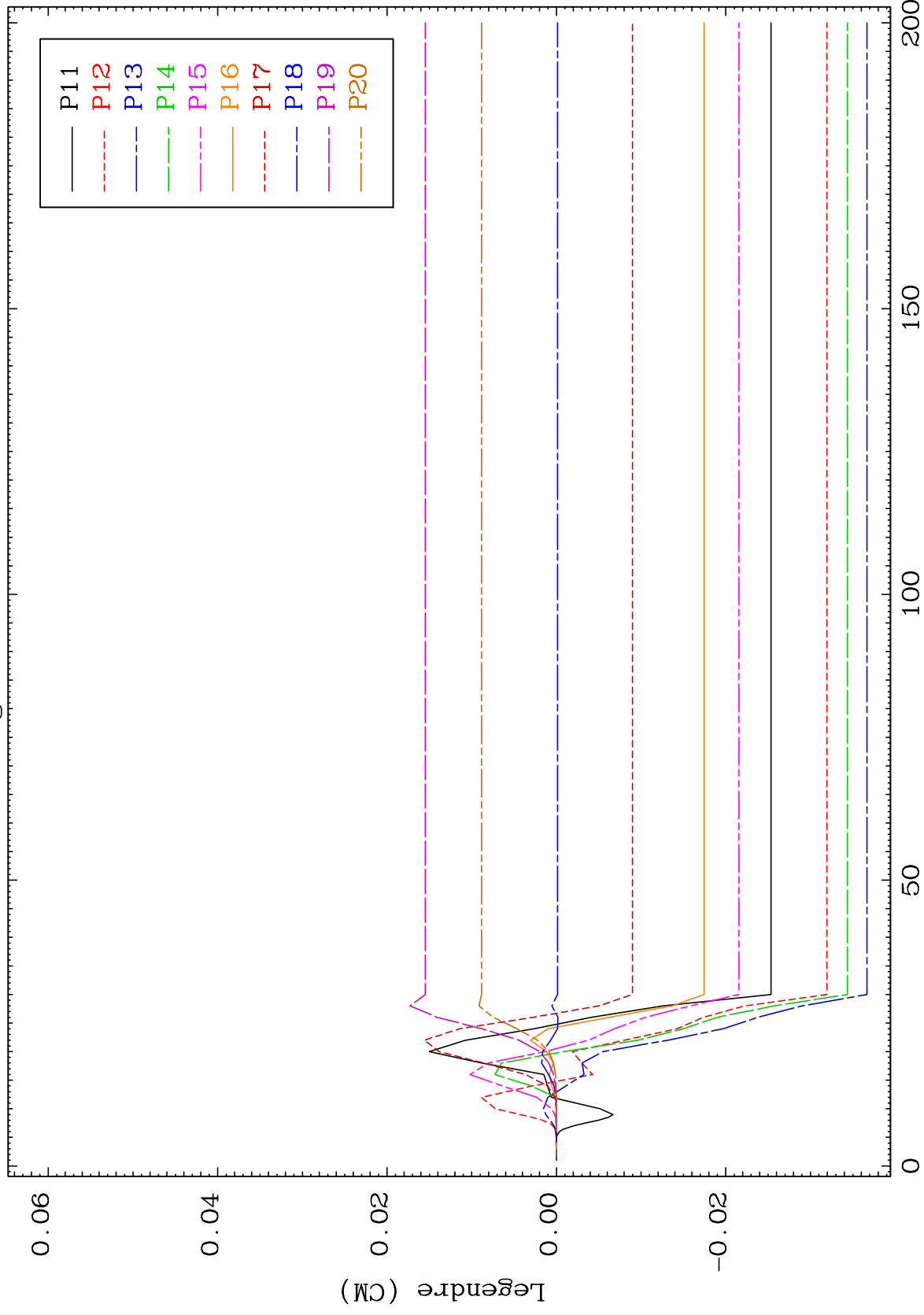


75

MAT 7698

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

77-Ir-182



76

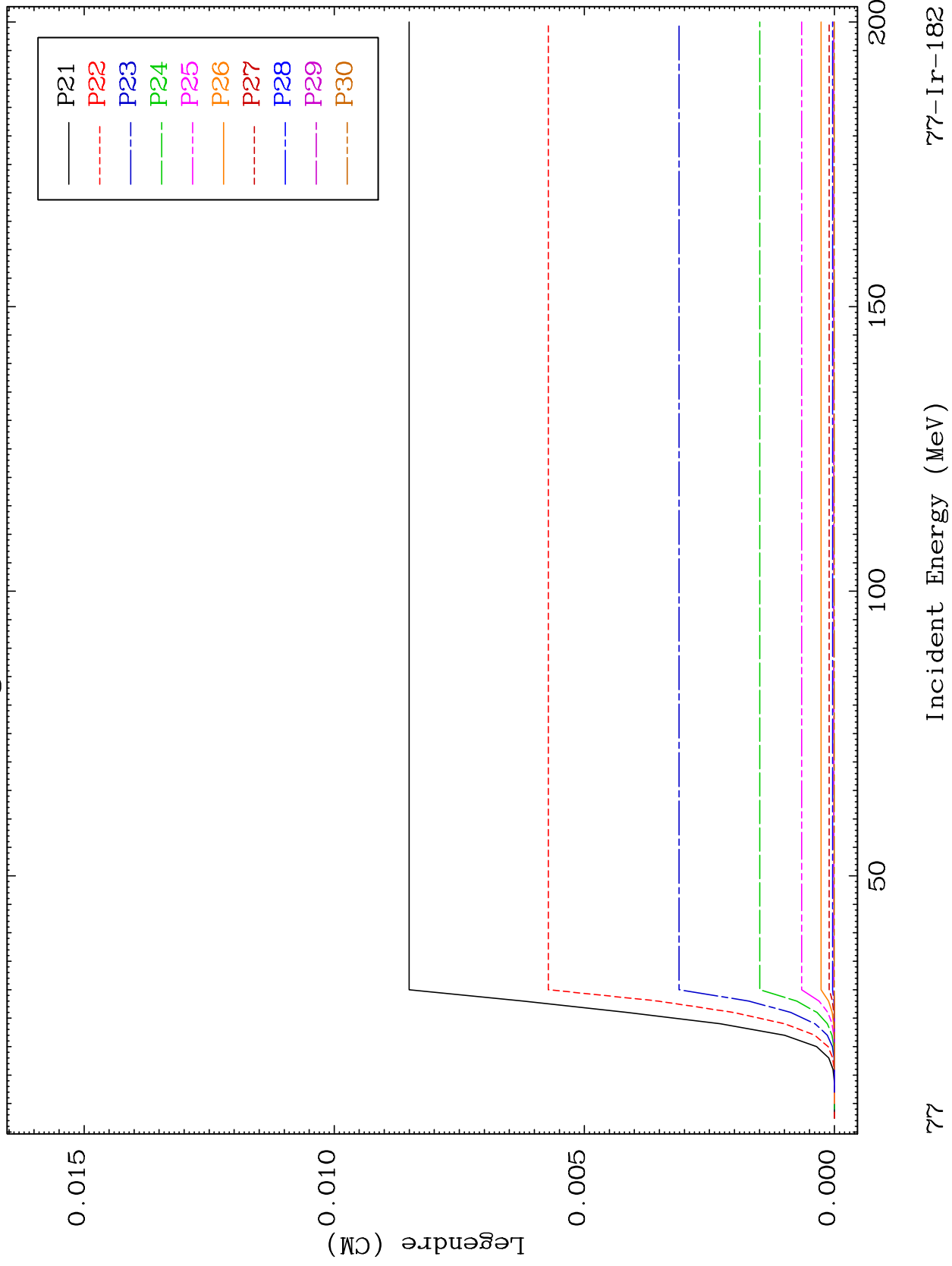
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77

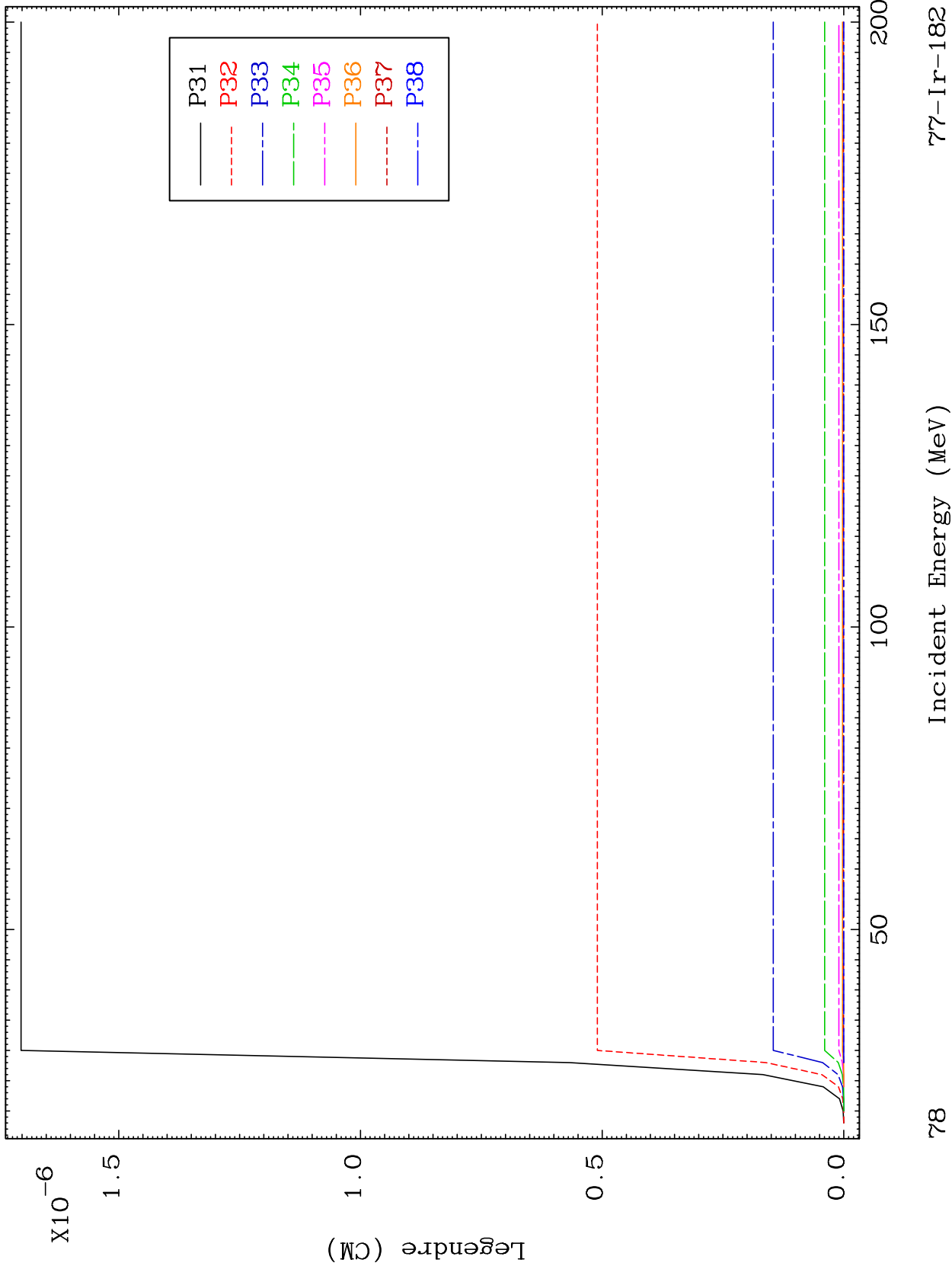
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



78

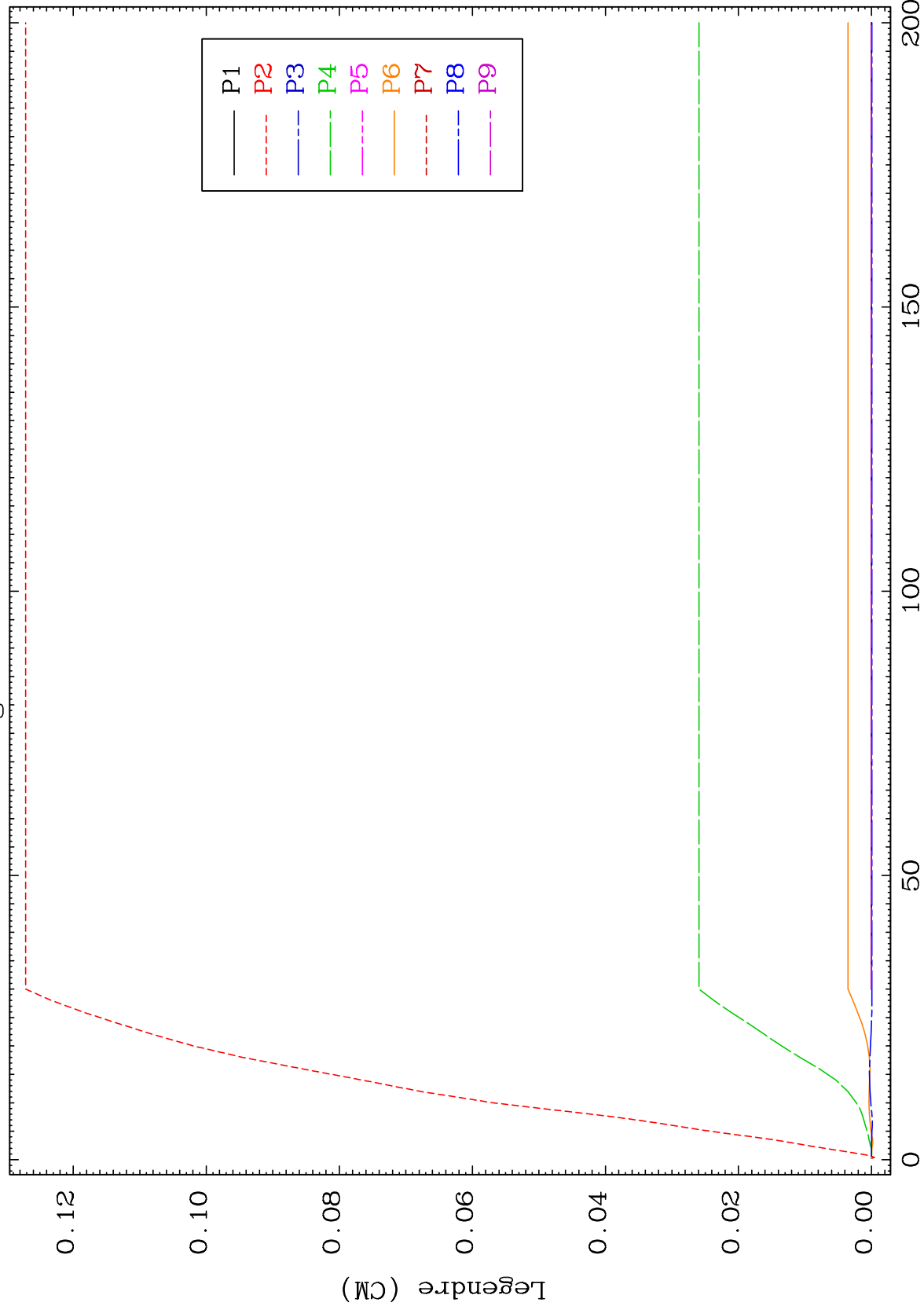
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

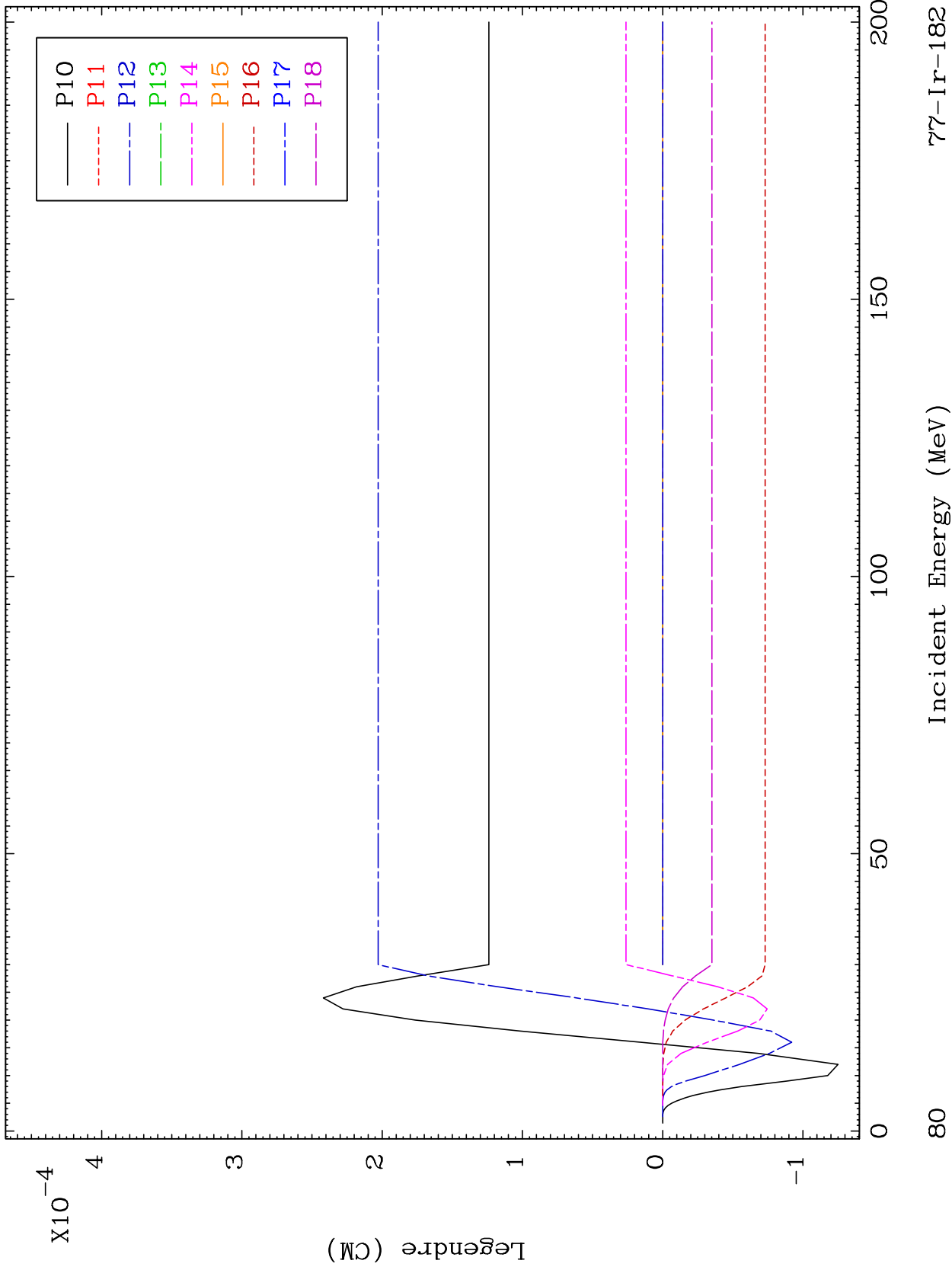
Incident Energy (MeV)

79

MAT 7698

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

77-Ir-182

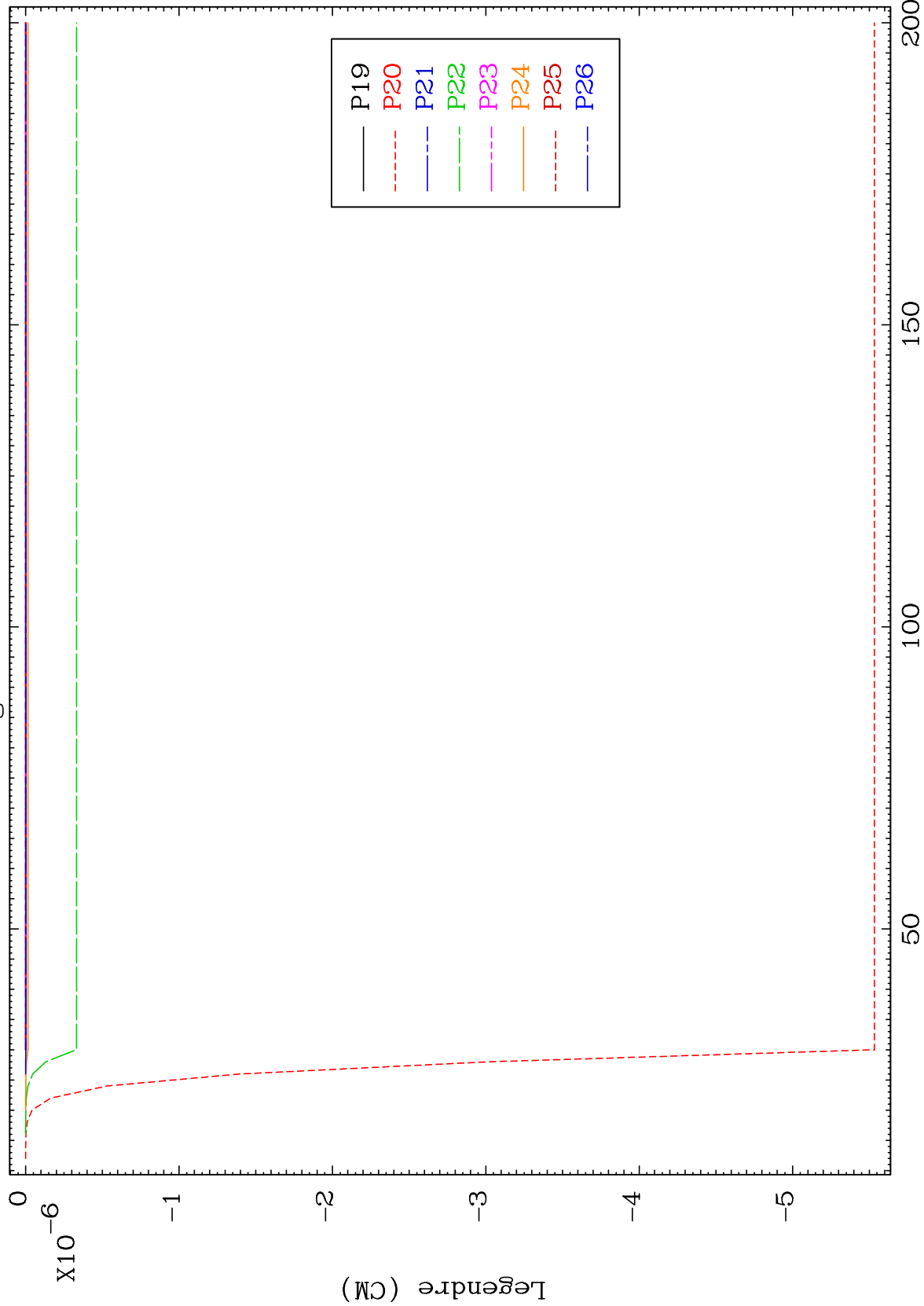


77-Ir-182

MAT 7698

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

77-Ir-182



81

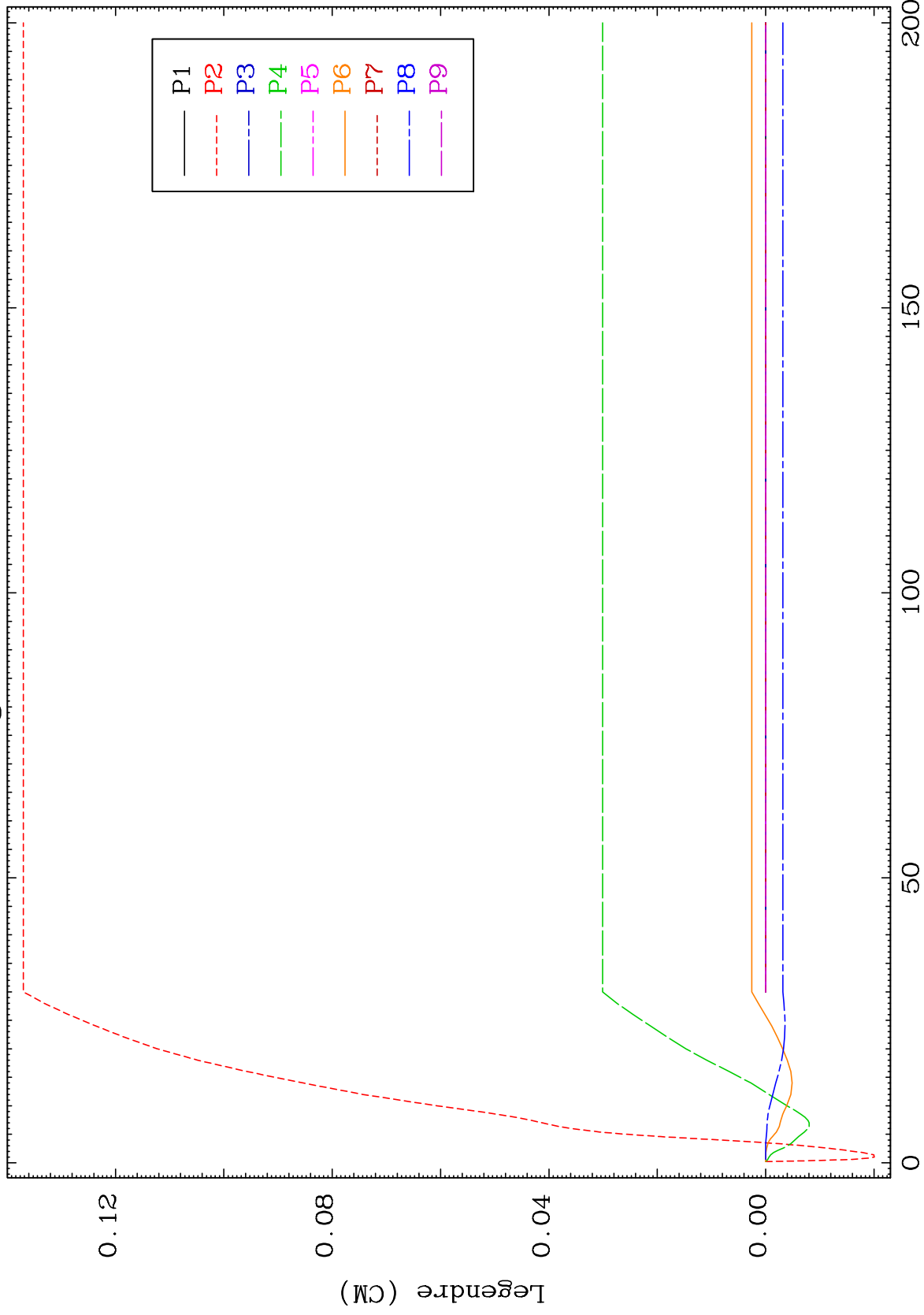
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



82

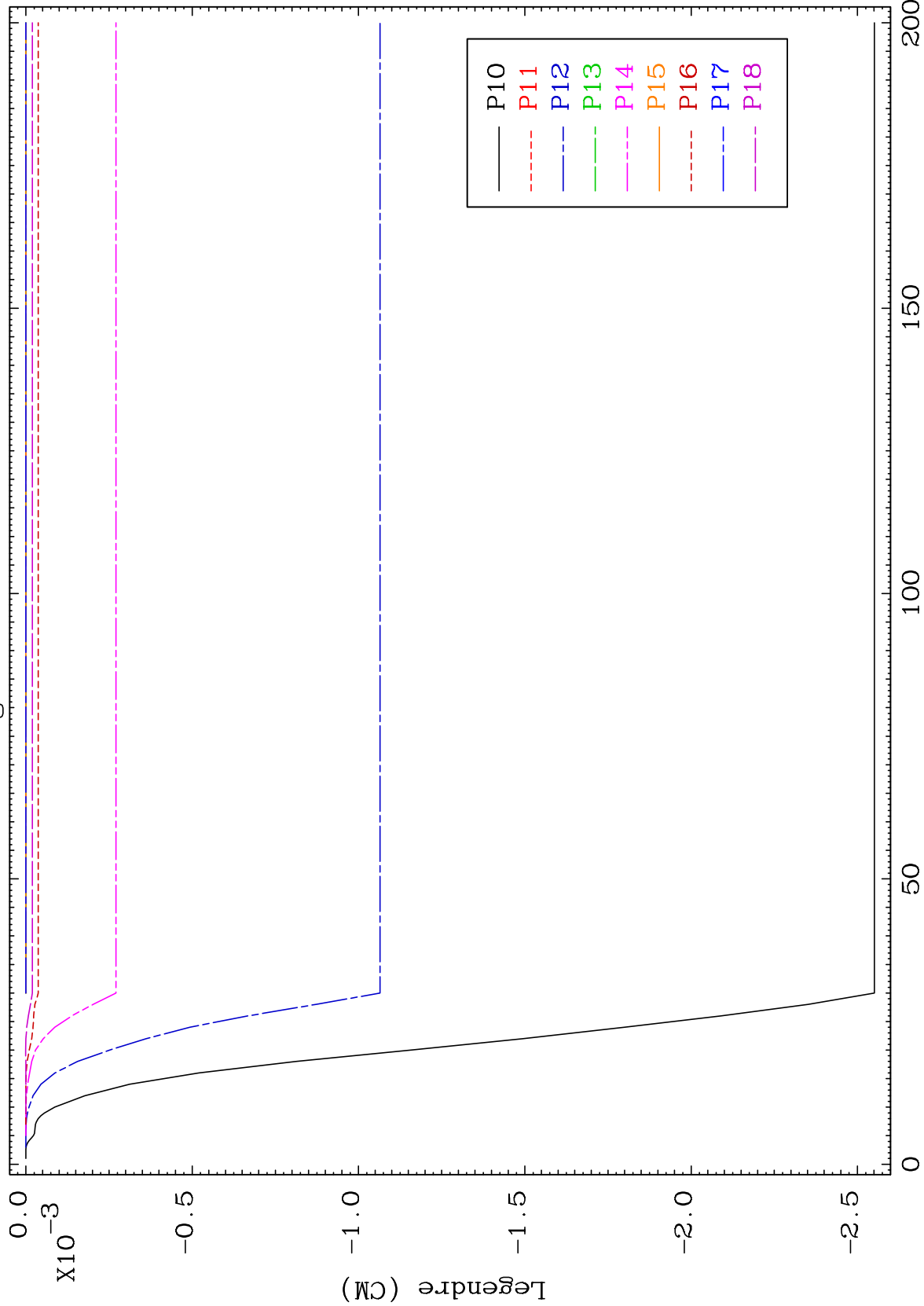
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



83

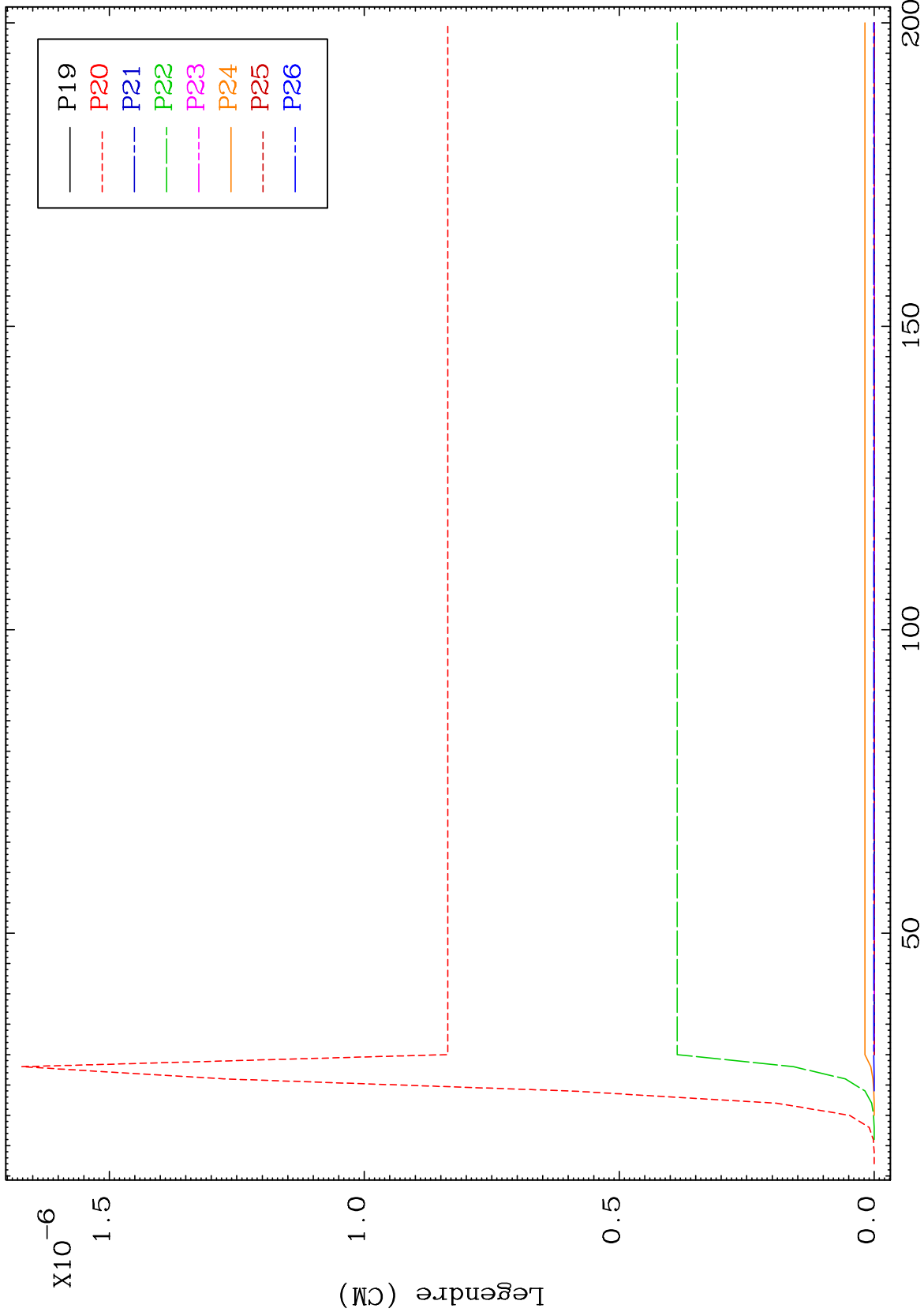
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



84

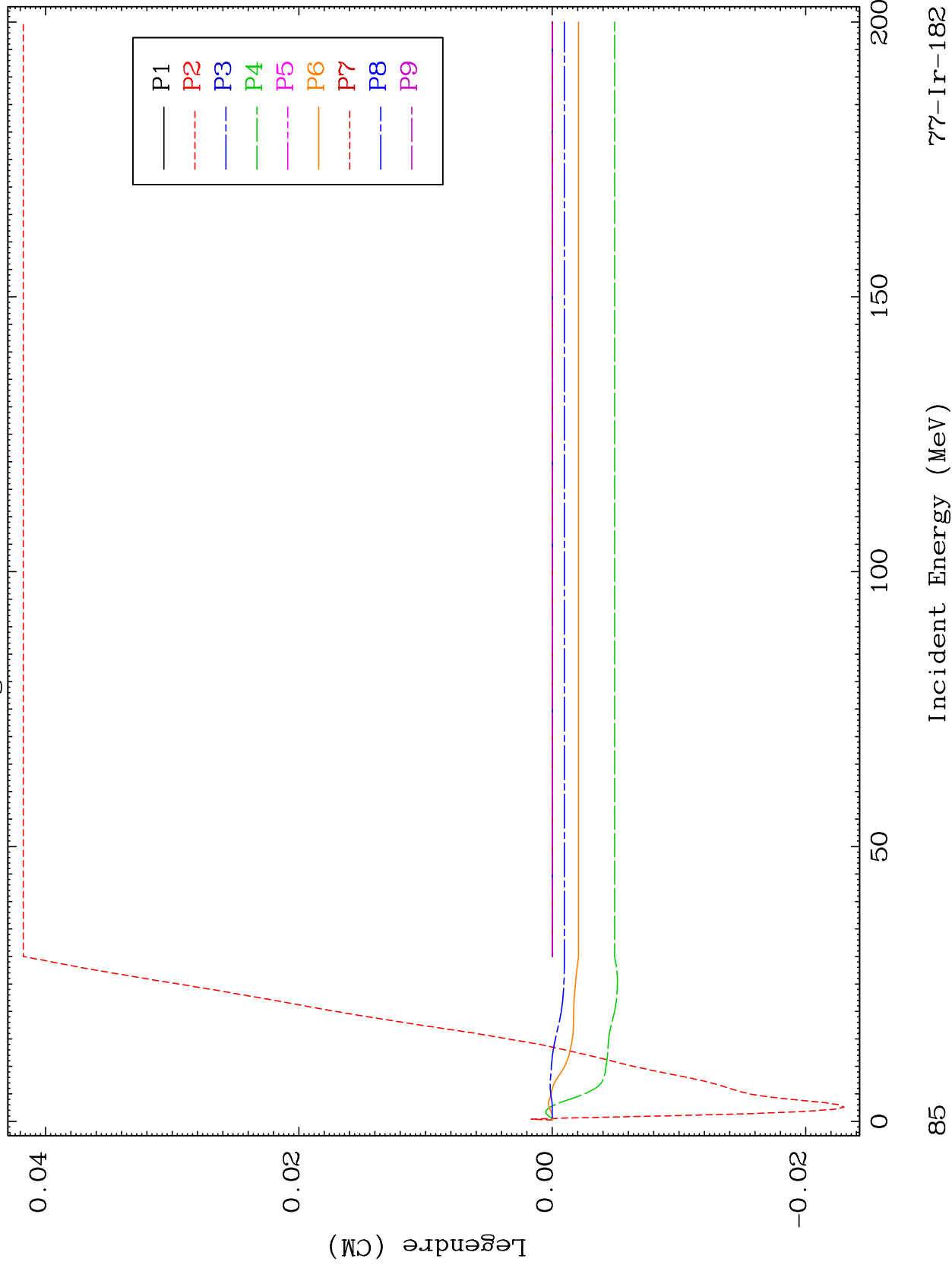
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

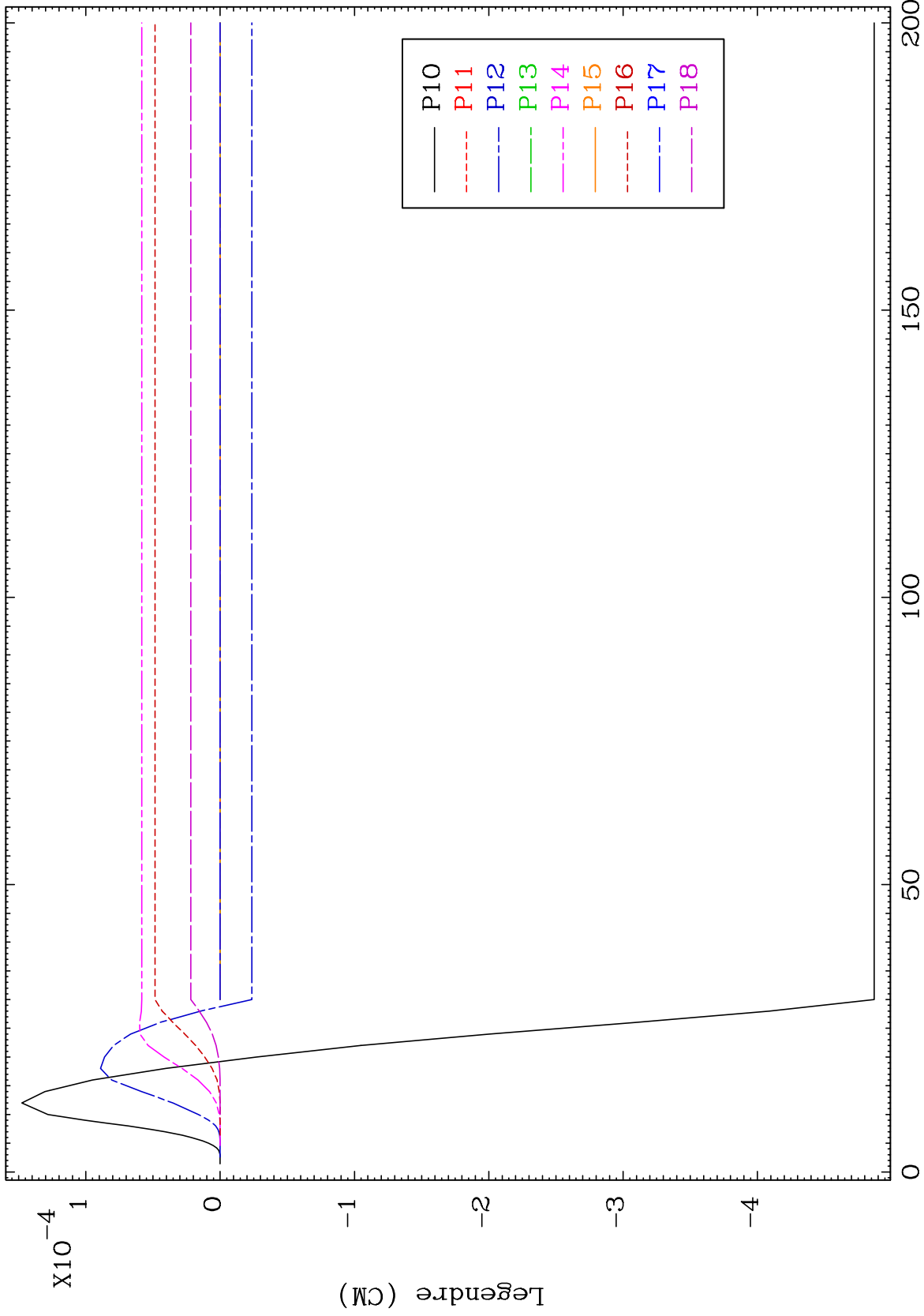
Incident Energy (MeV)

85

MAT 7698

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

77-Ir-182



86

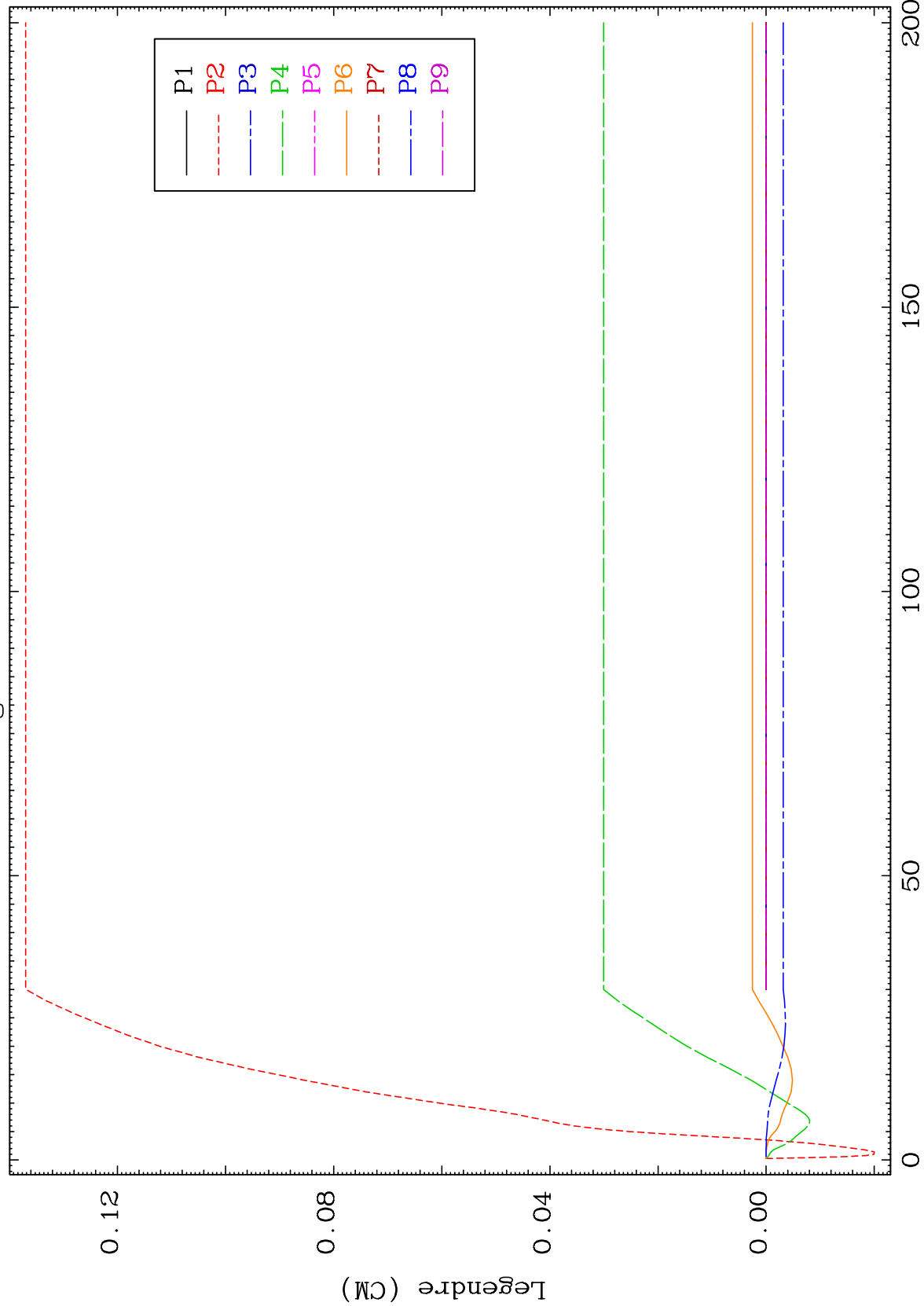
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



88

Incident Energy (MeV)

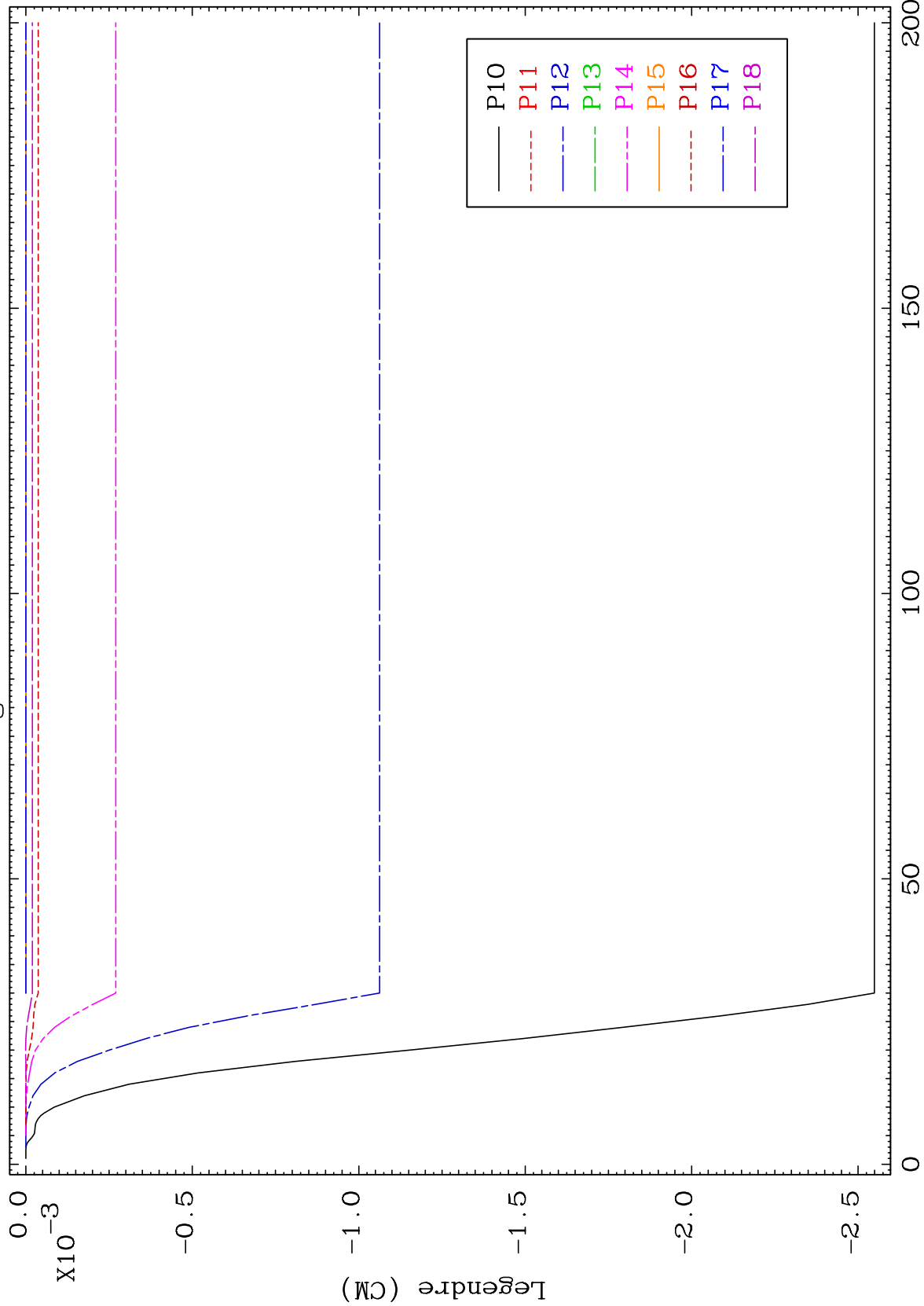
77-Ir-182

MAT 7698

MT= 70 (n,n') Level

77-Ir-182

Legendre Coefficients



89

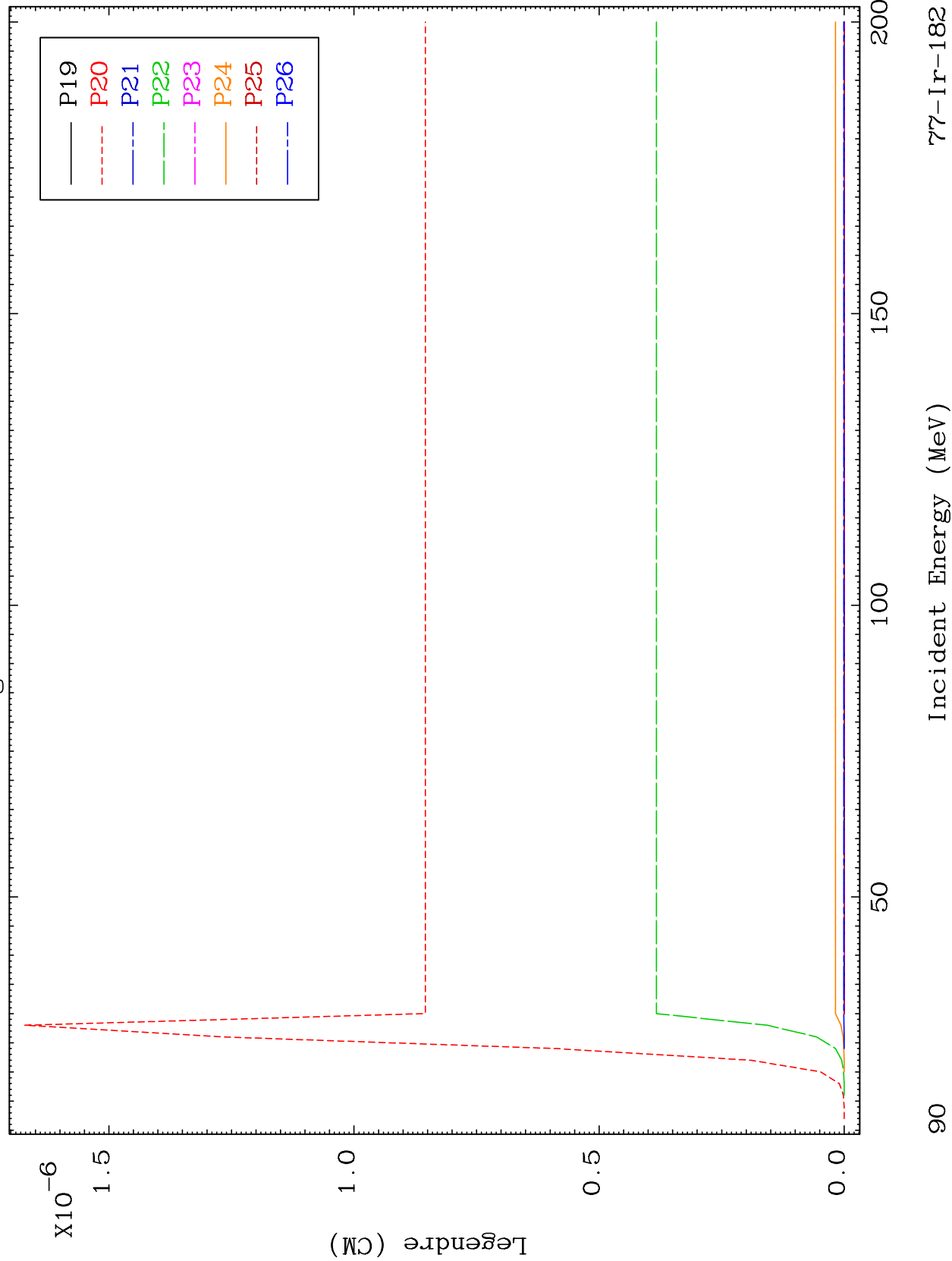
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

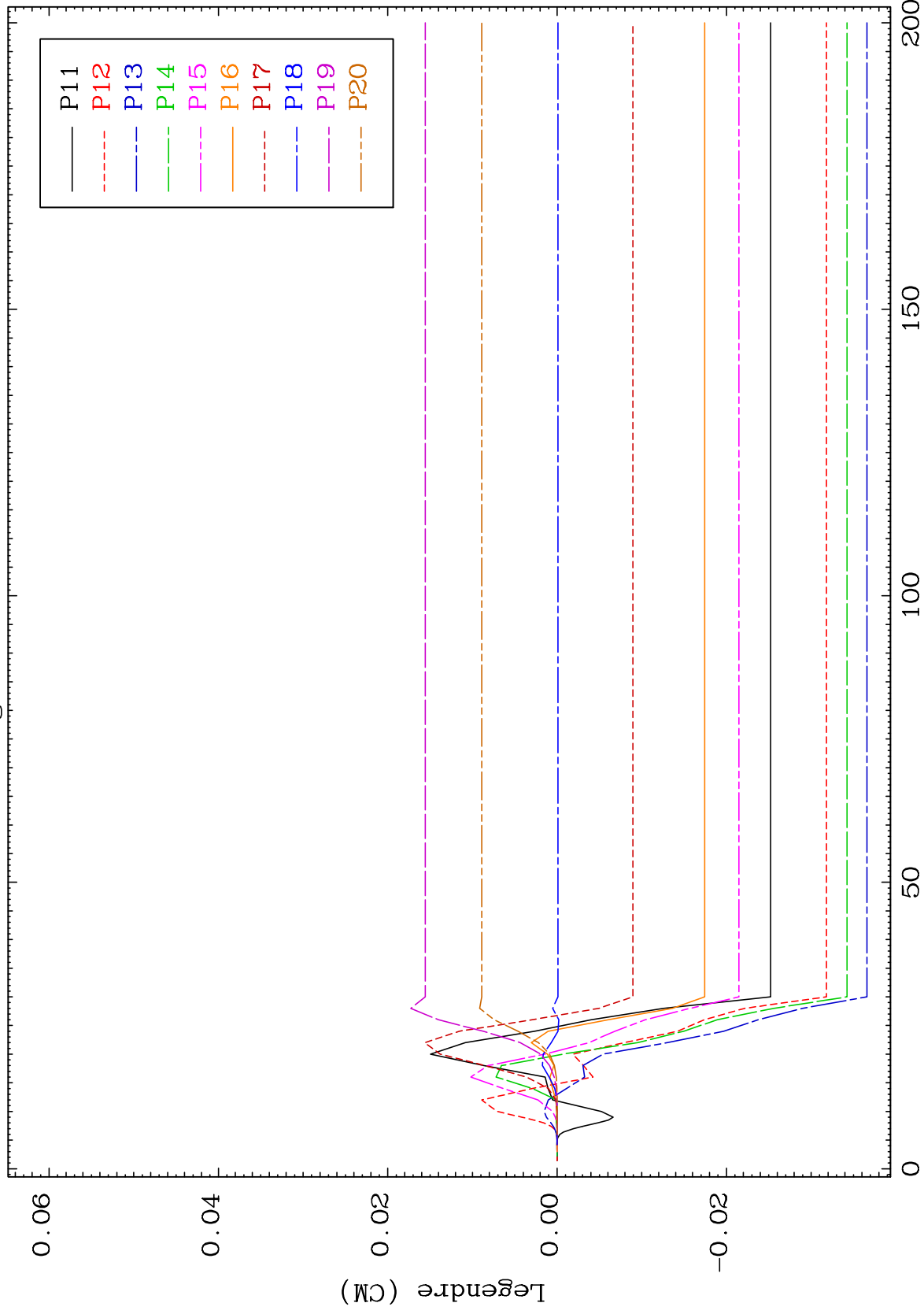
Incident Energy (MeV)

90

MAT 7698

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

77-Ir-182



92

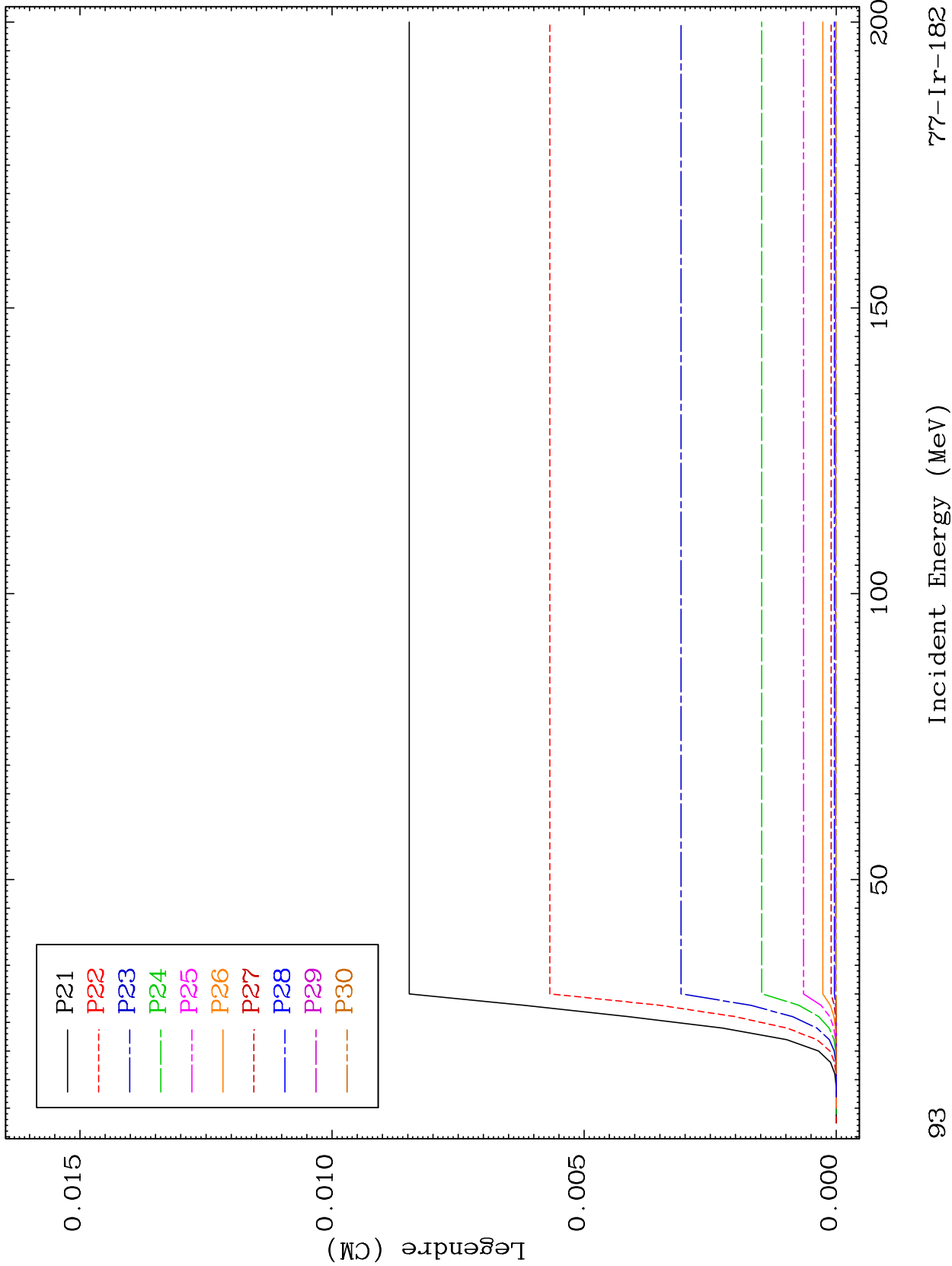
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



93

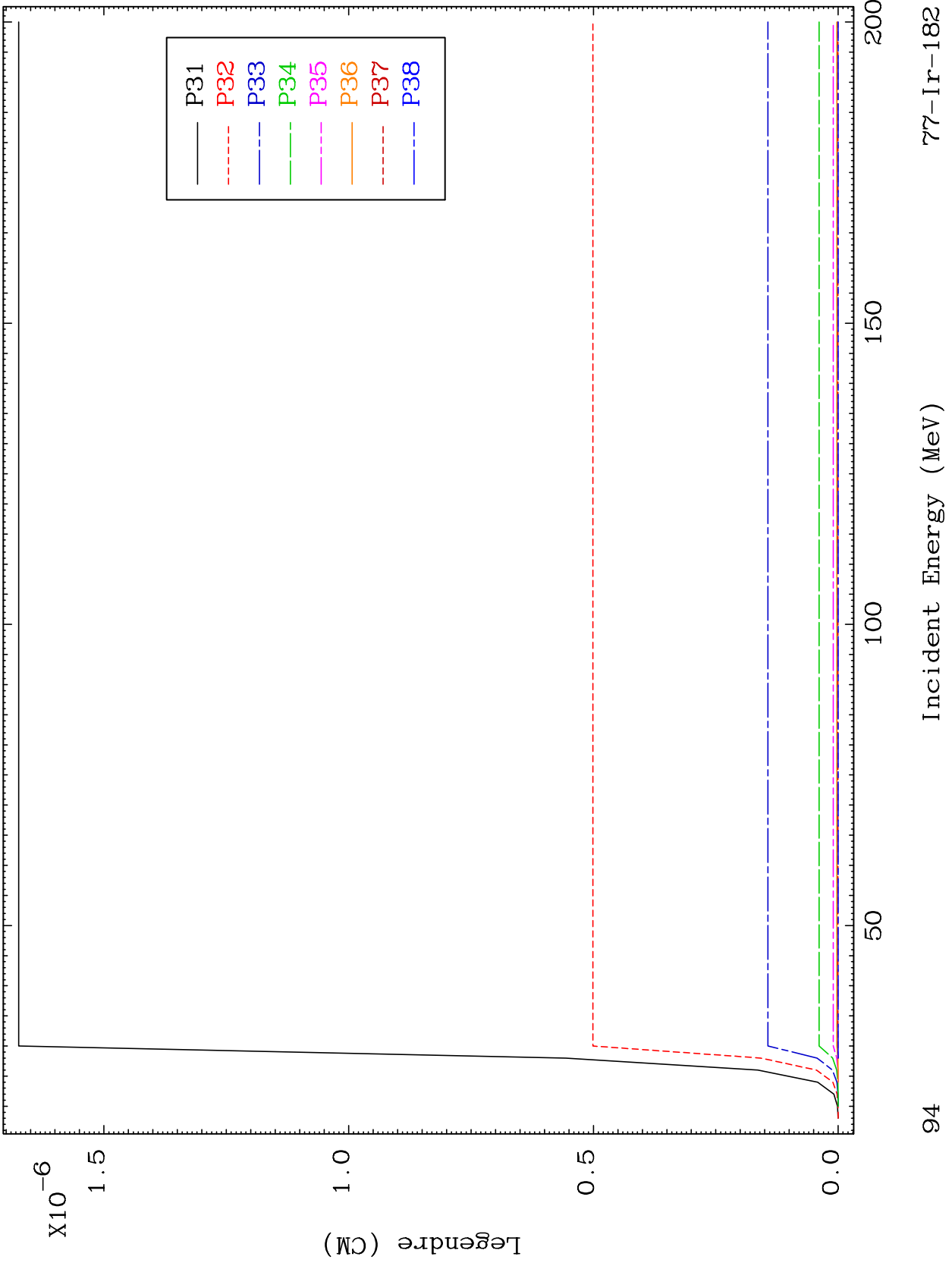
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

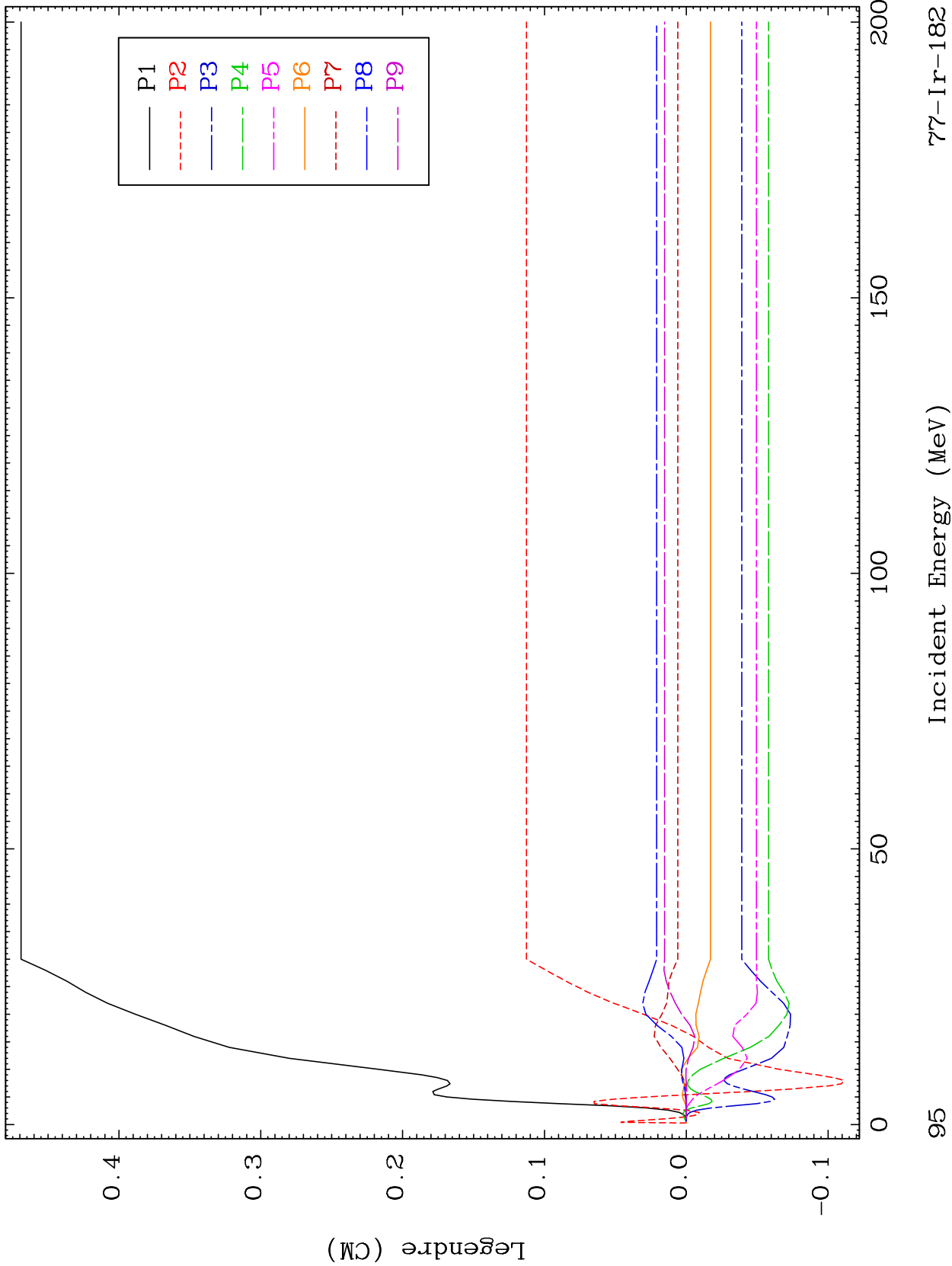
77-Ir-182



MAT 7698

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

77-Ir-182



77-Ir-182

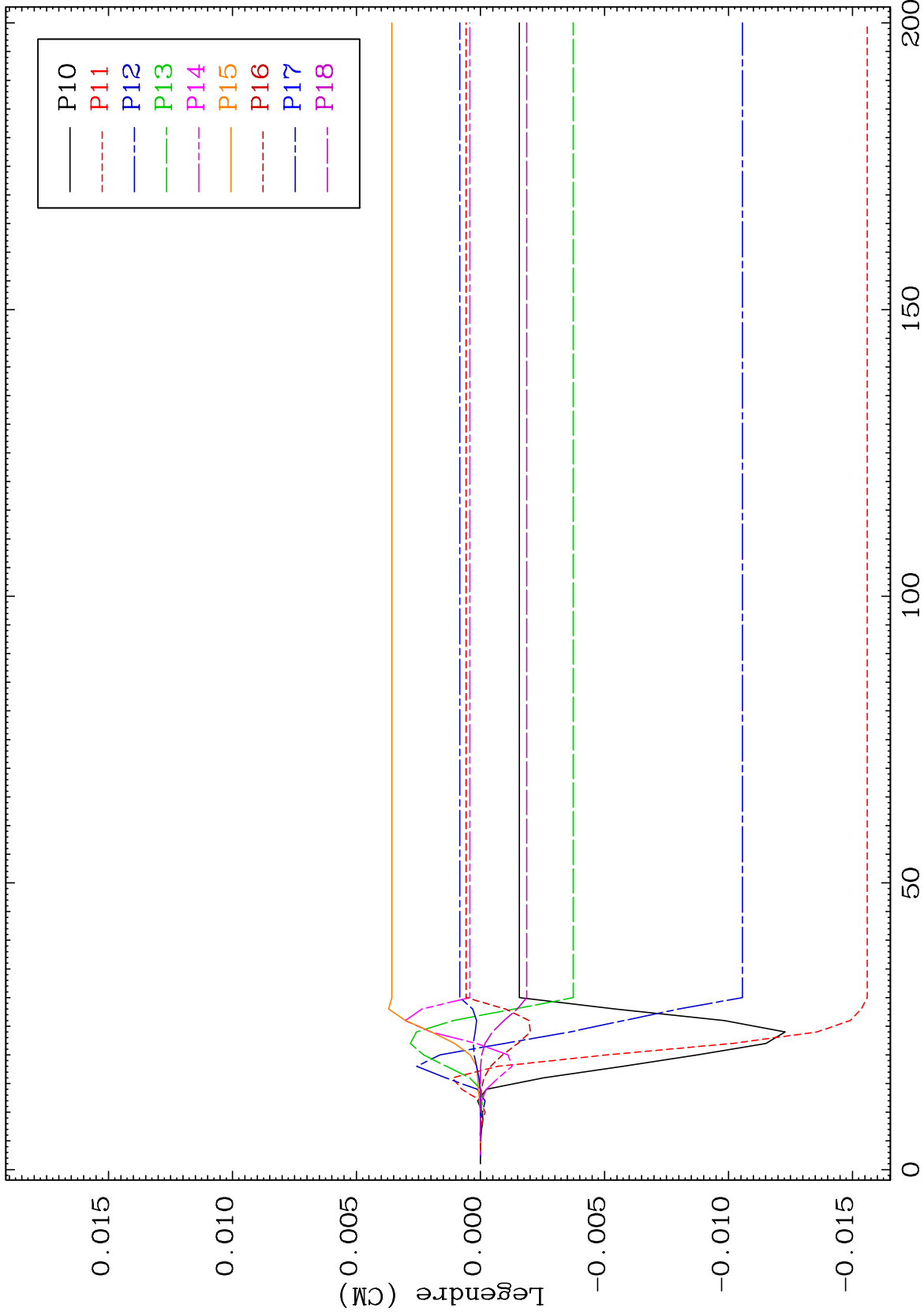
Incident Energy (MeV)

95

MAT 7698

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

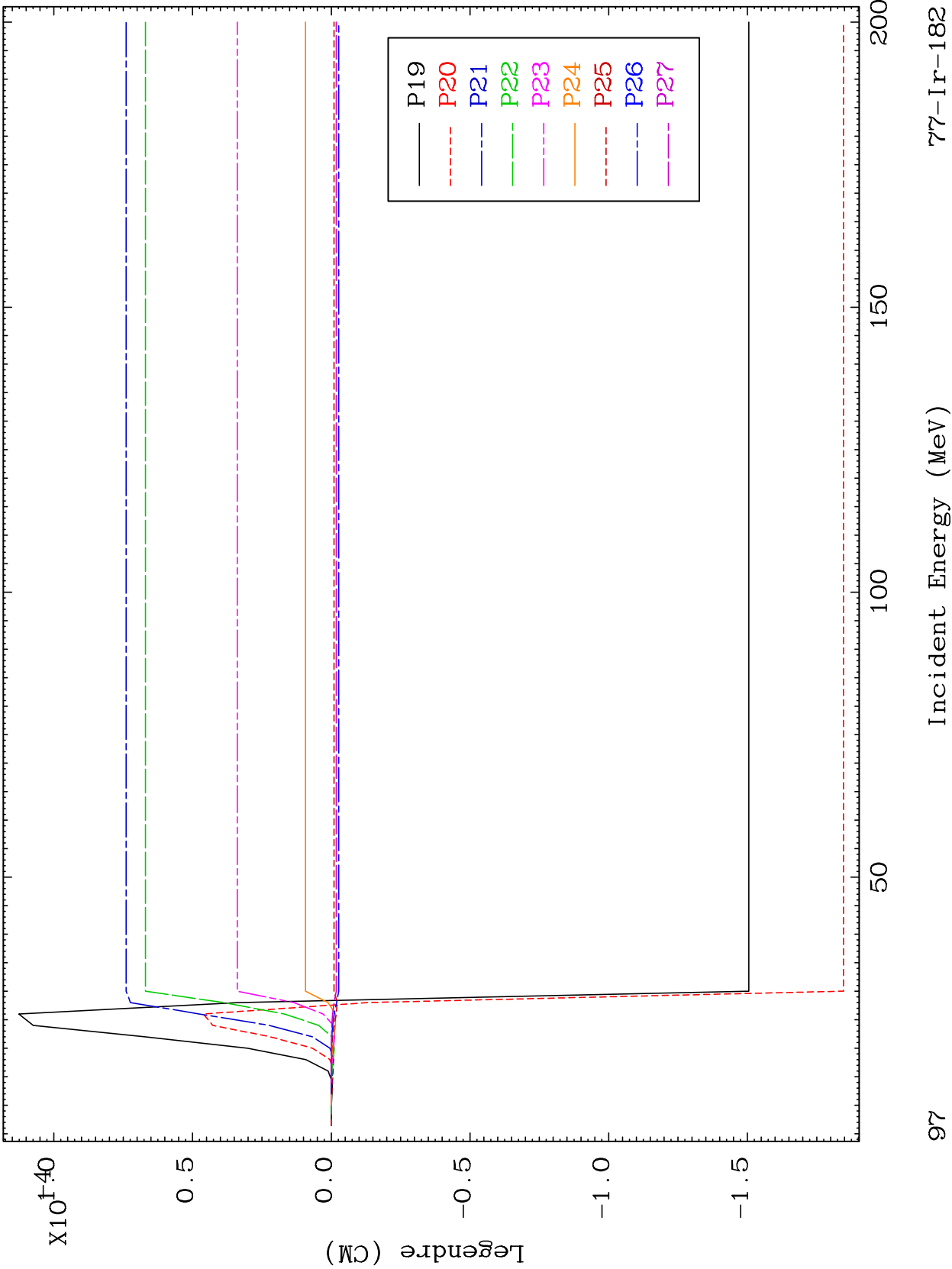
77-Ir-182



96

Incident Energy (MeV)

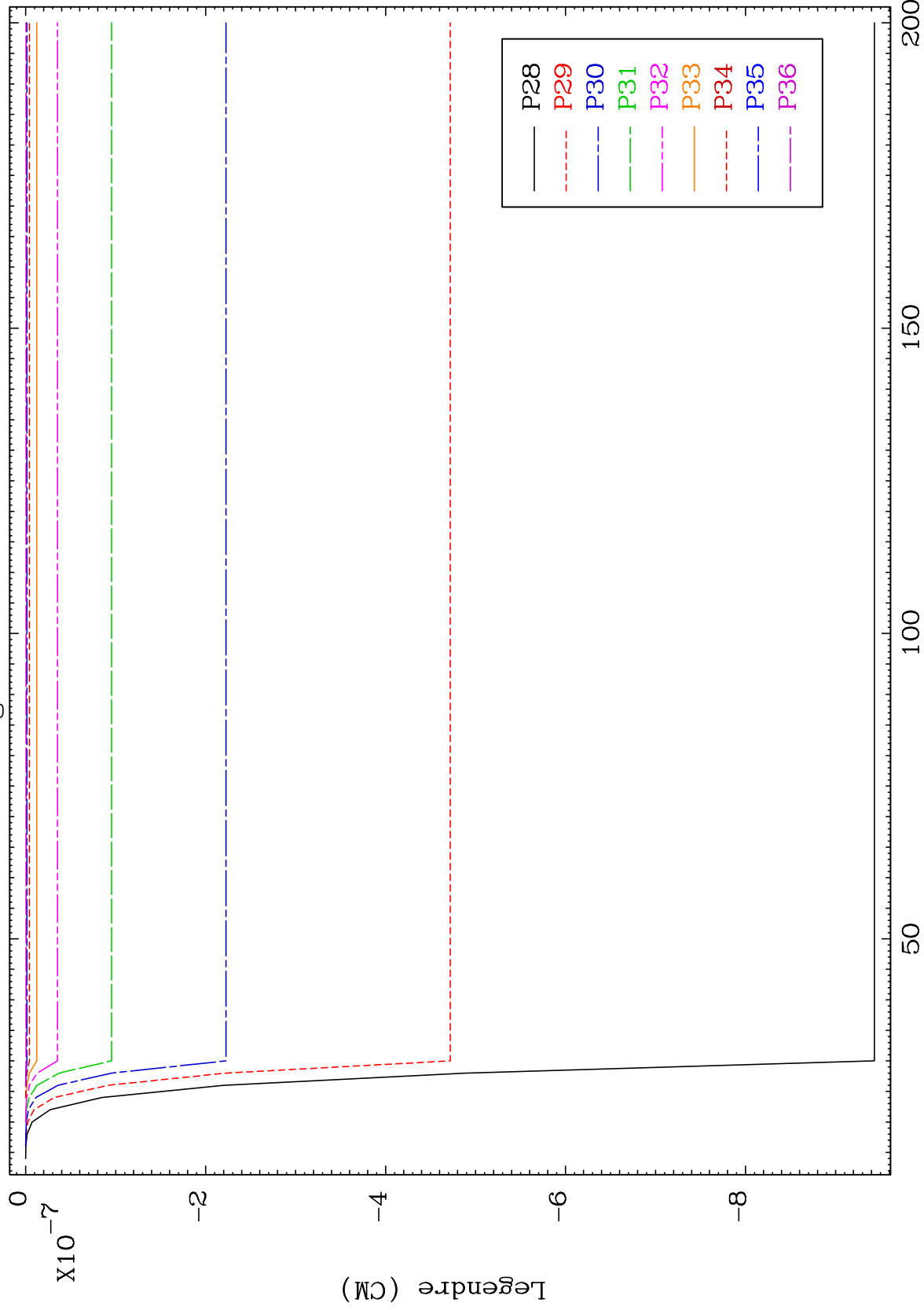
77-Ir-182



MAT 7698

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

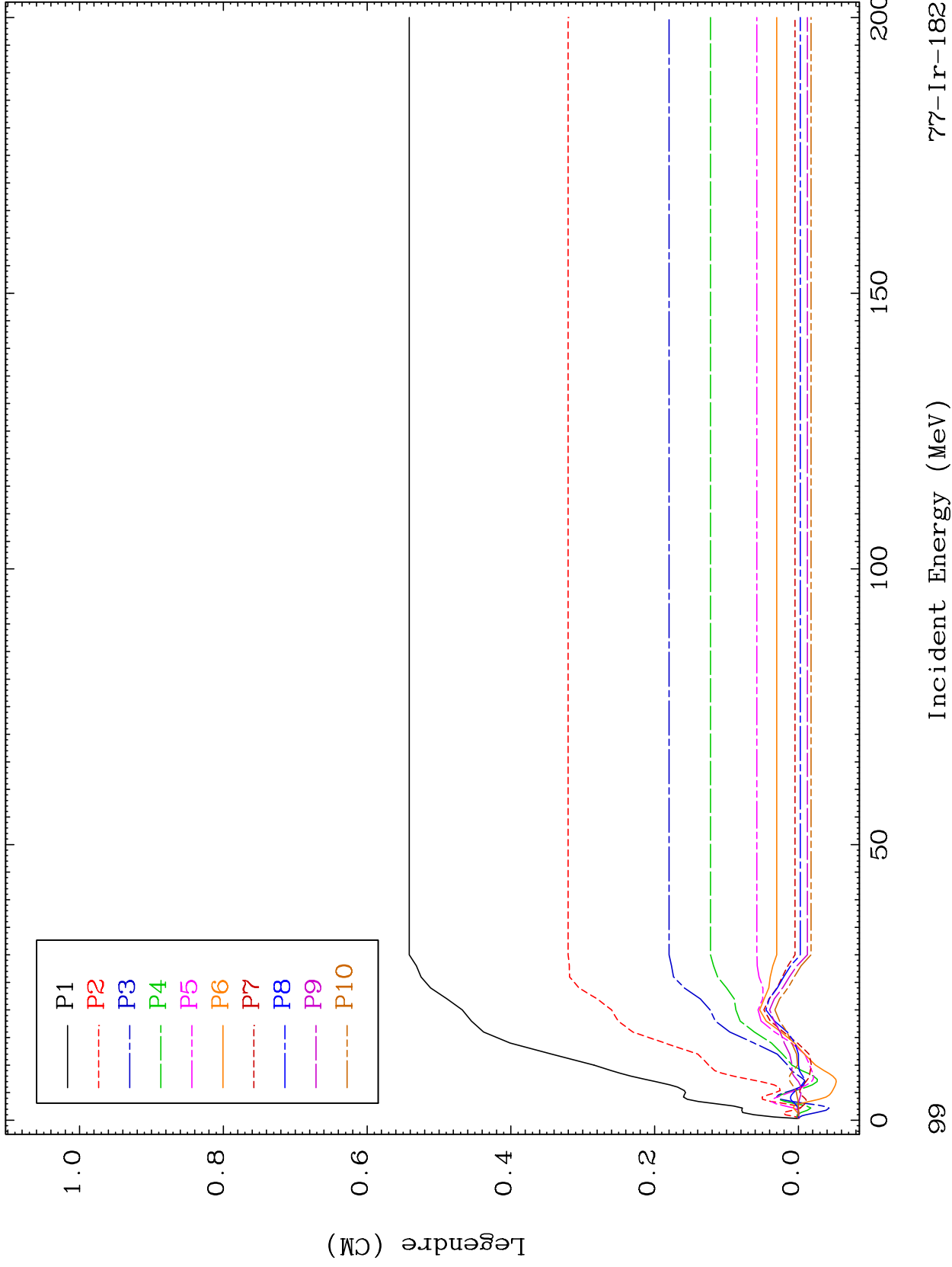
77-Ir-182



98

Incident Energy (MeV)

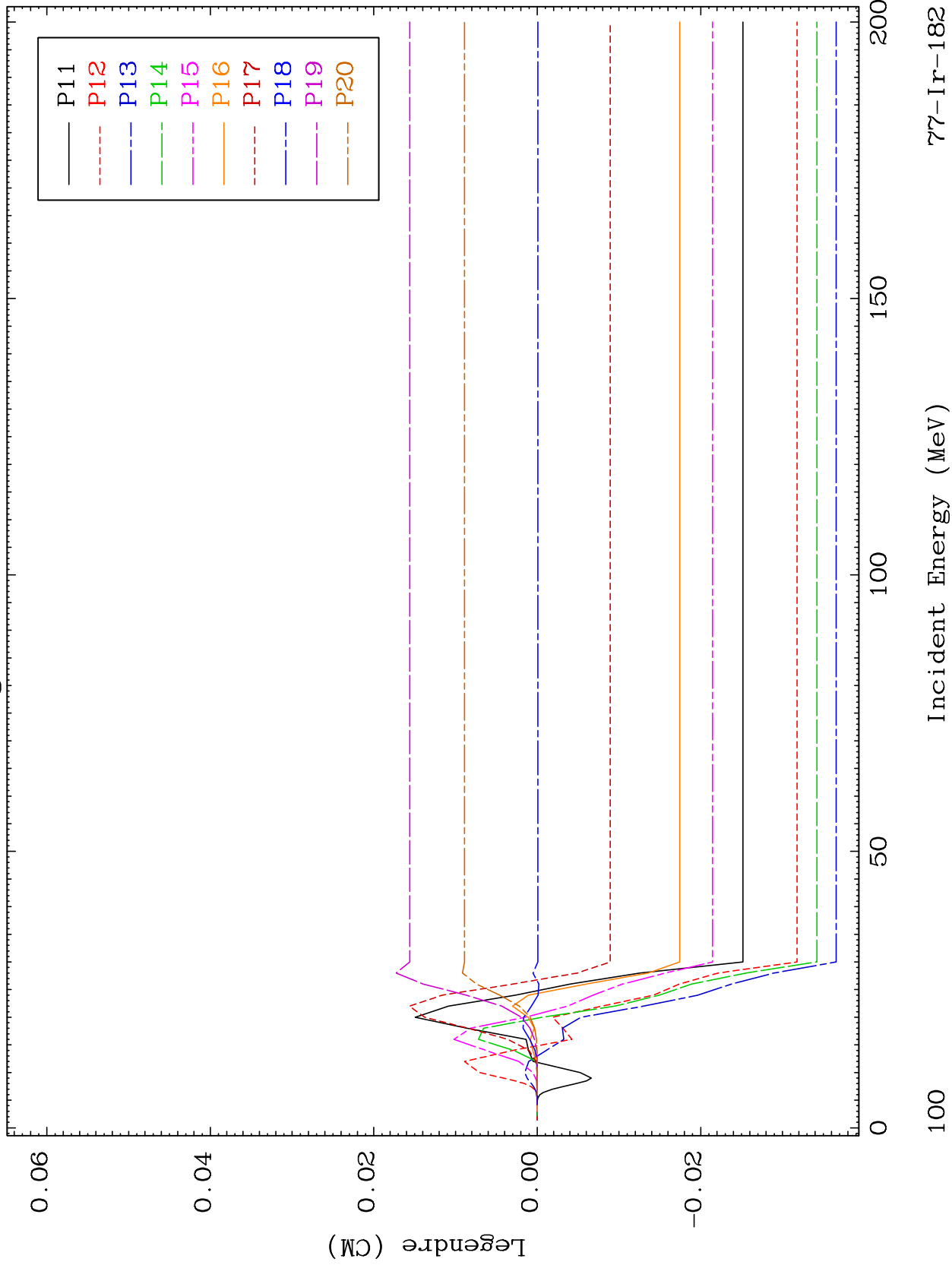
77-Ir-182



MAT 7698

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

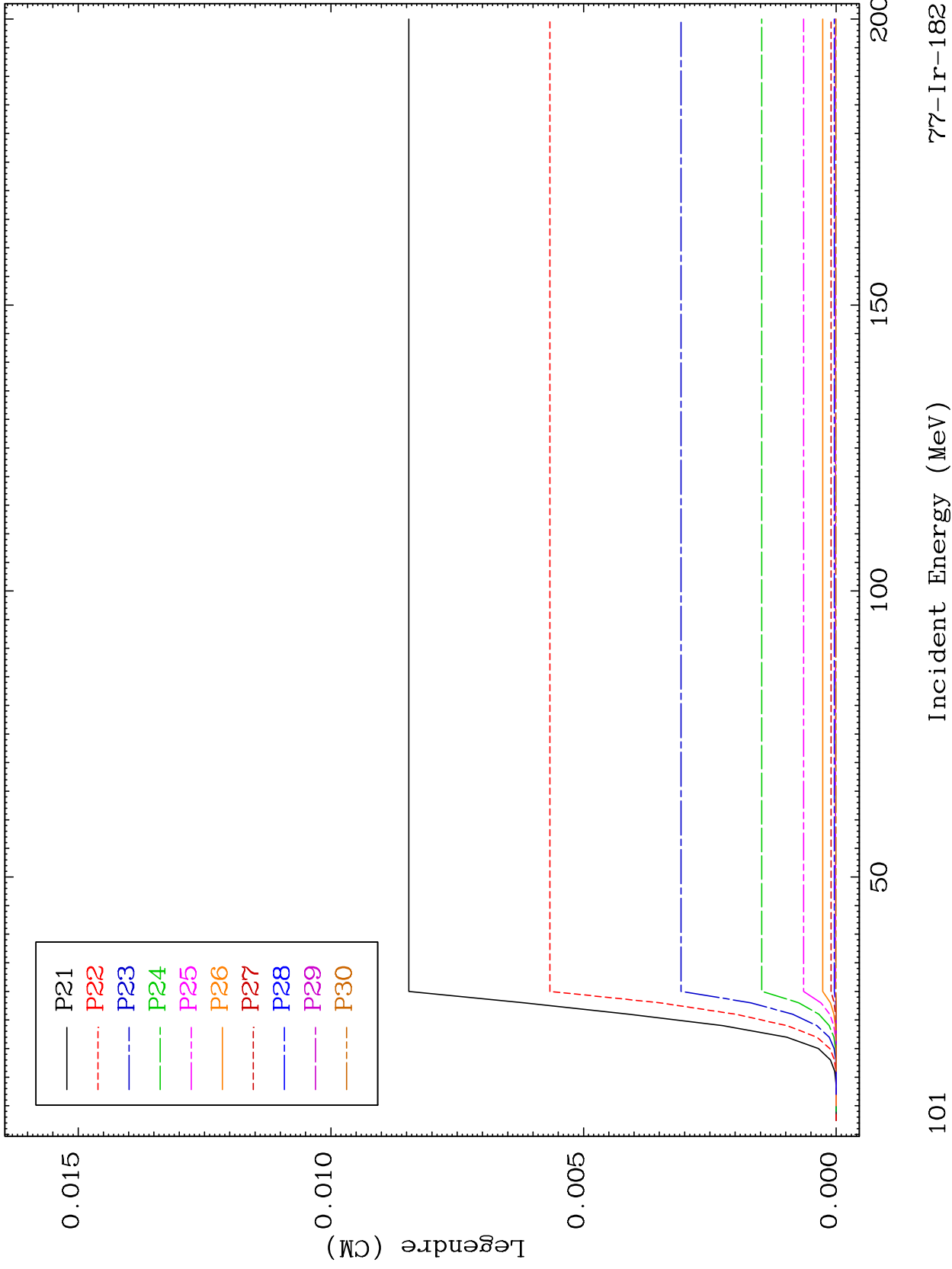
77-Ir-182



MAT 7698

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

77-Ir-182



101

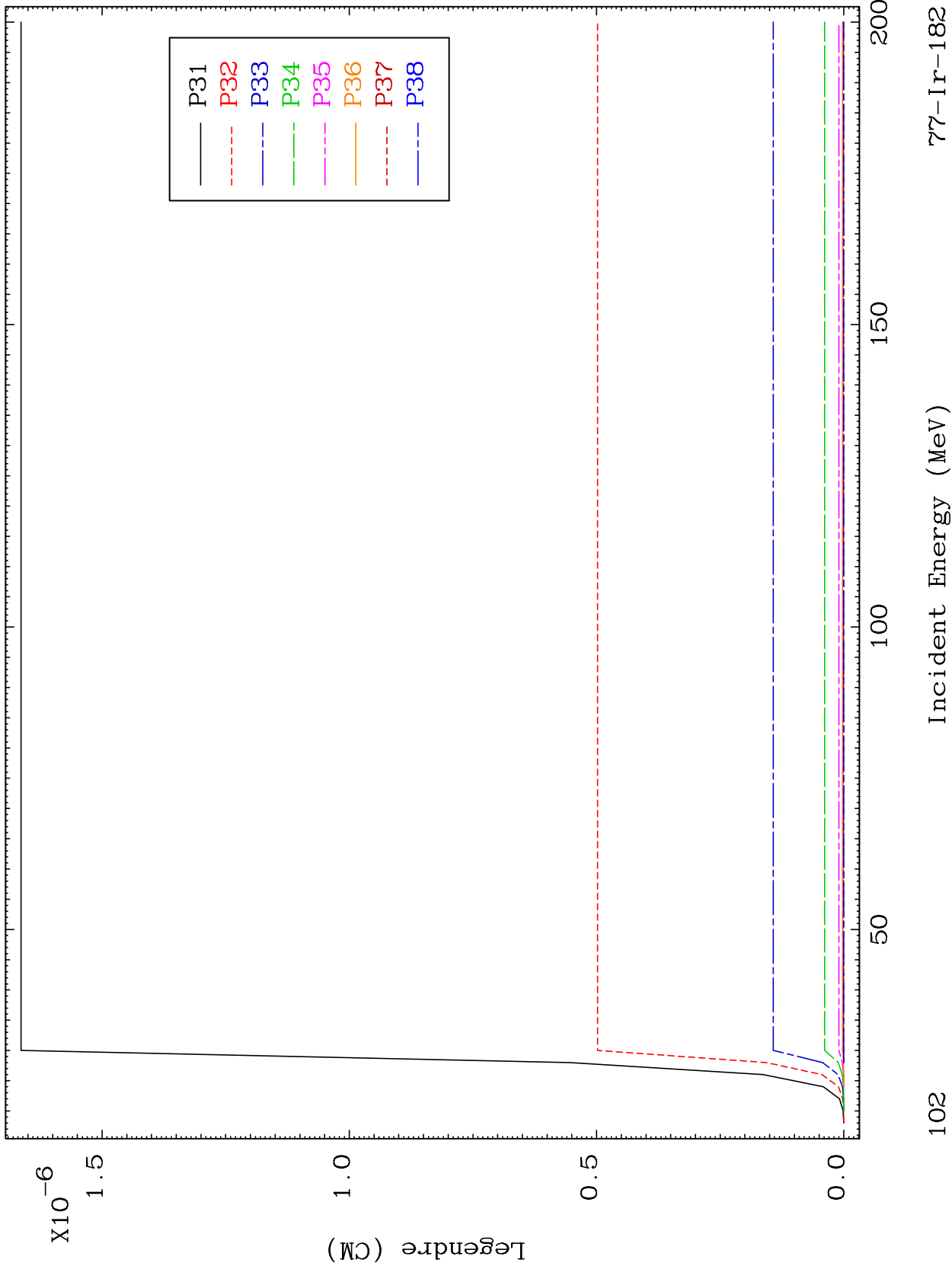
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

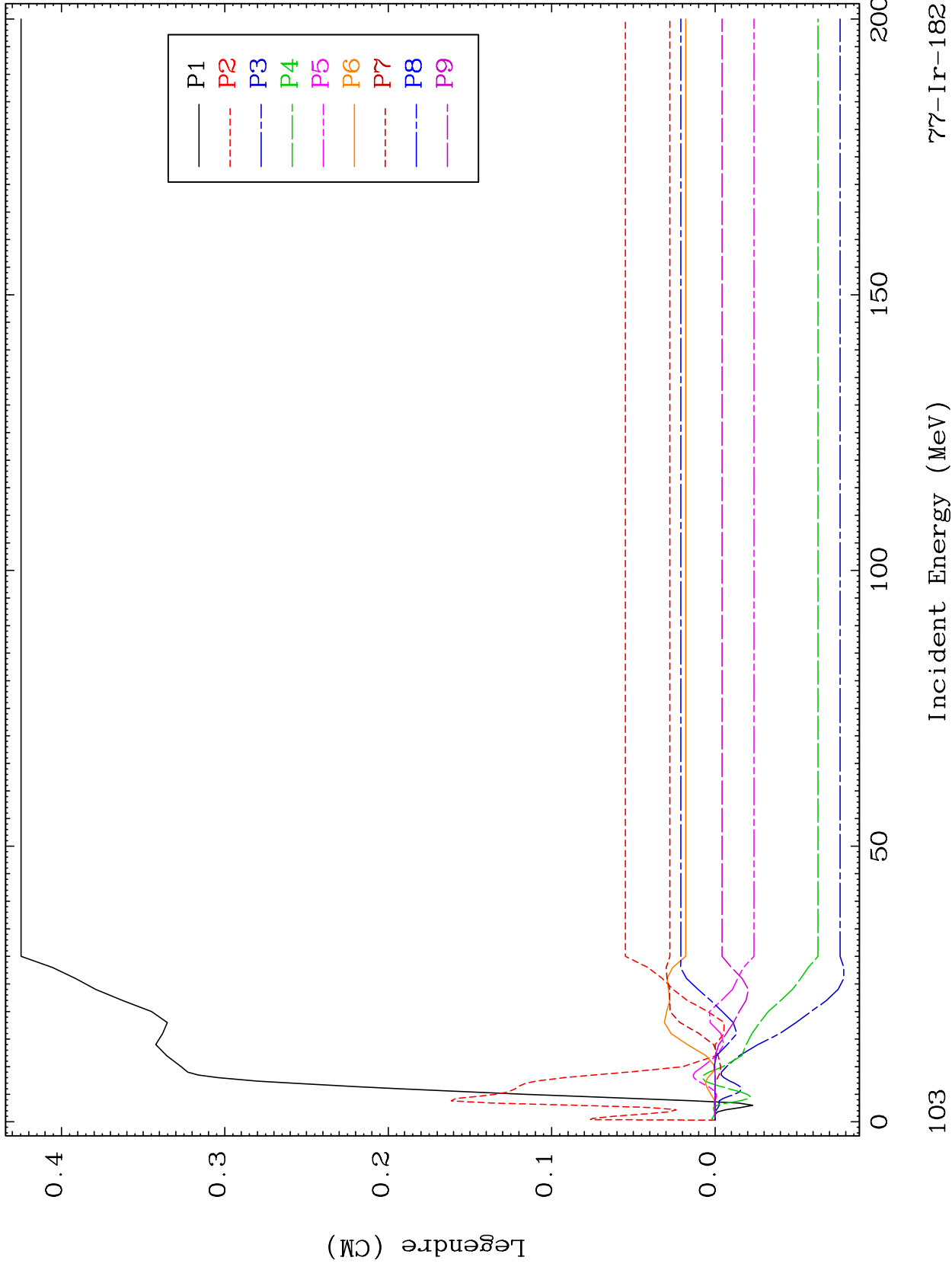
77-Ir-182



MAT 7698

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

77-Ir-182



77-Ir-182

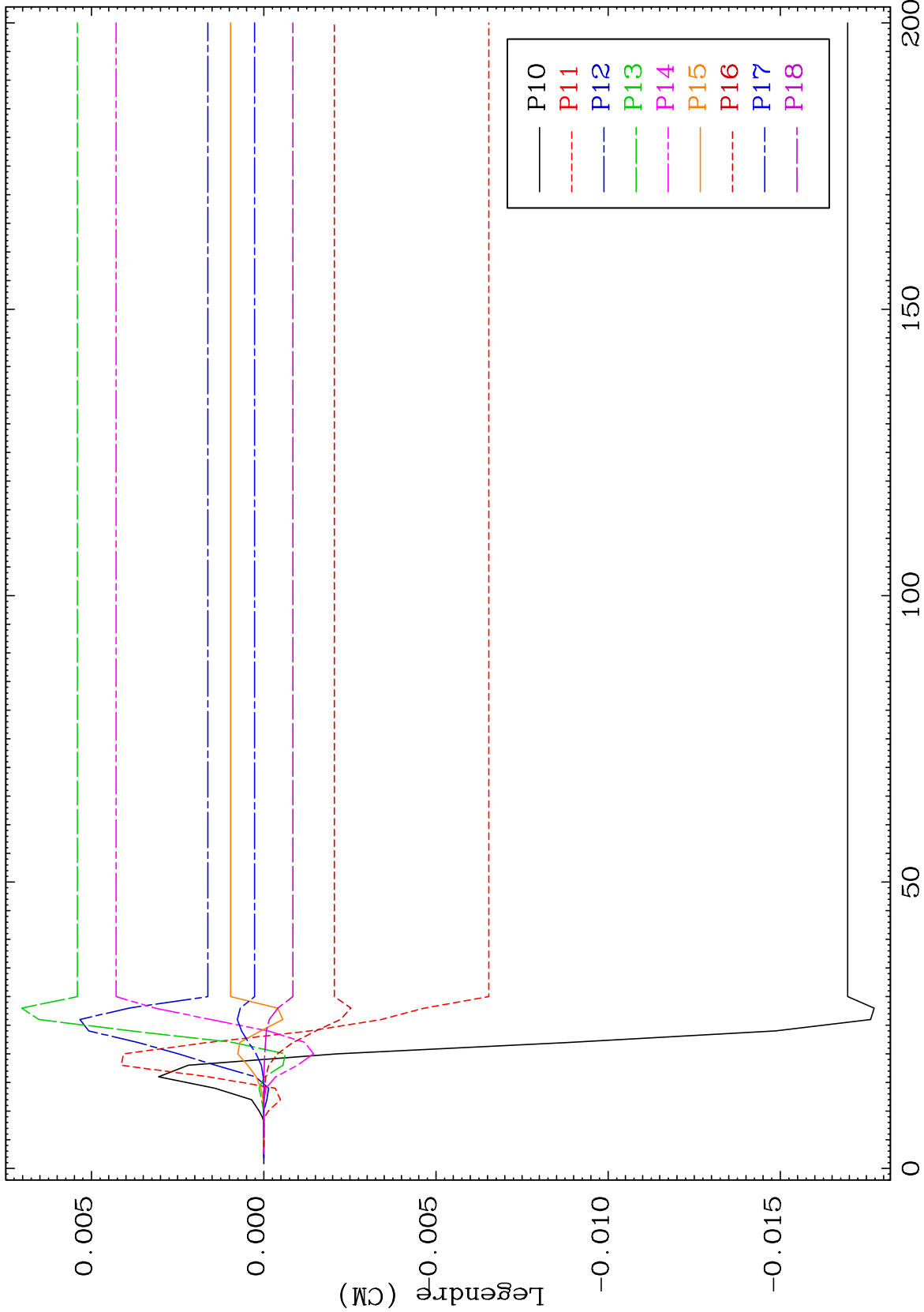
Incident Energy (MeV)

103

MAT 7698

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

77-Ir-182



104

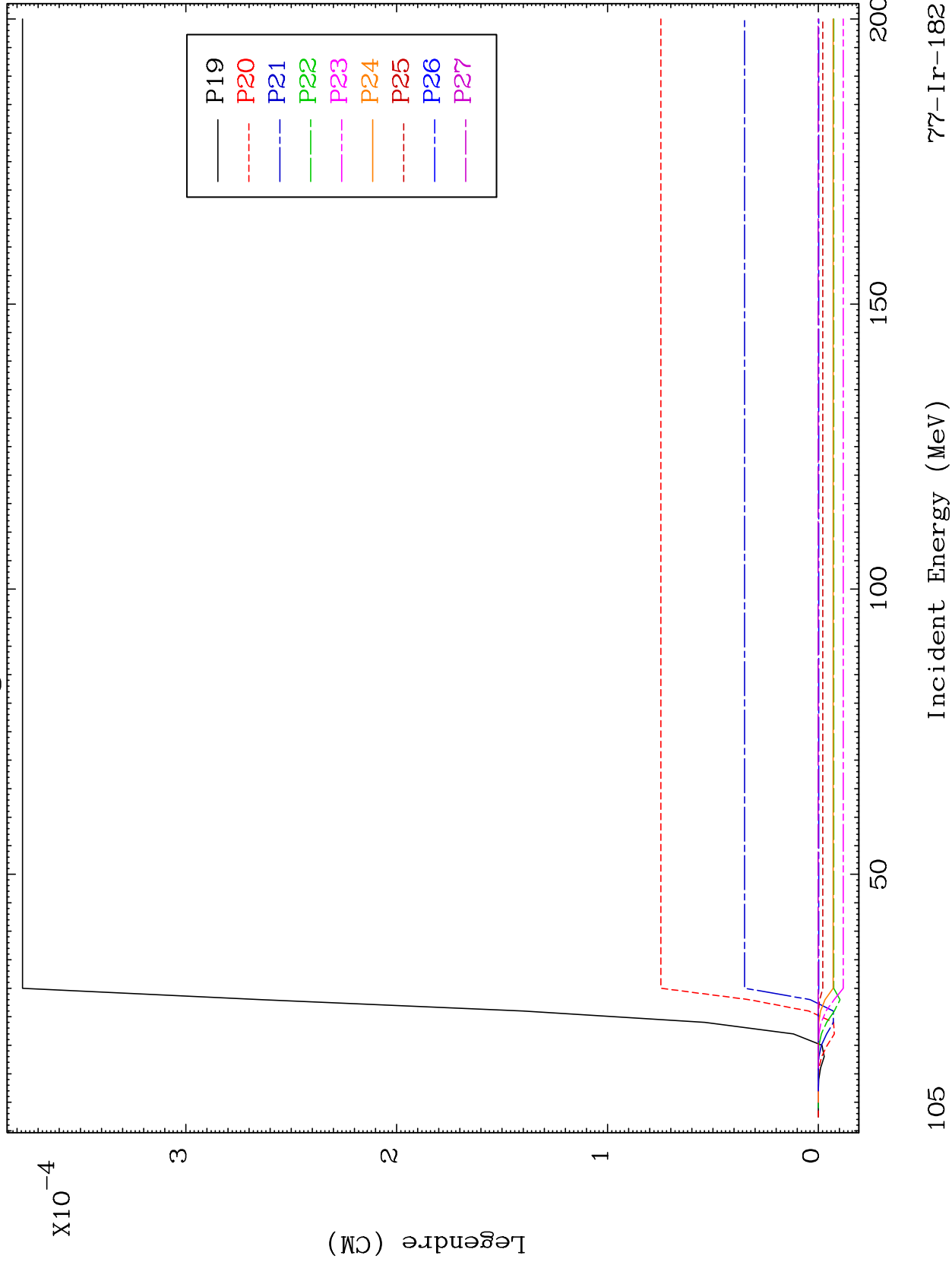
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

⁷⁷Ir-182



⁷⁷Ir-182

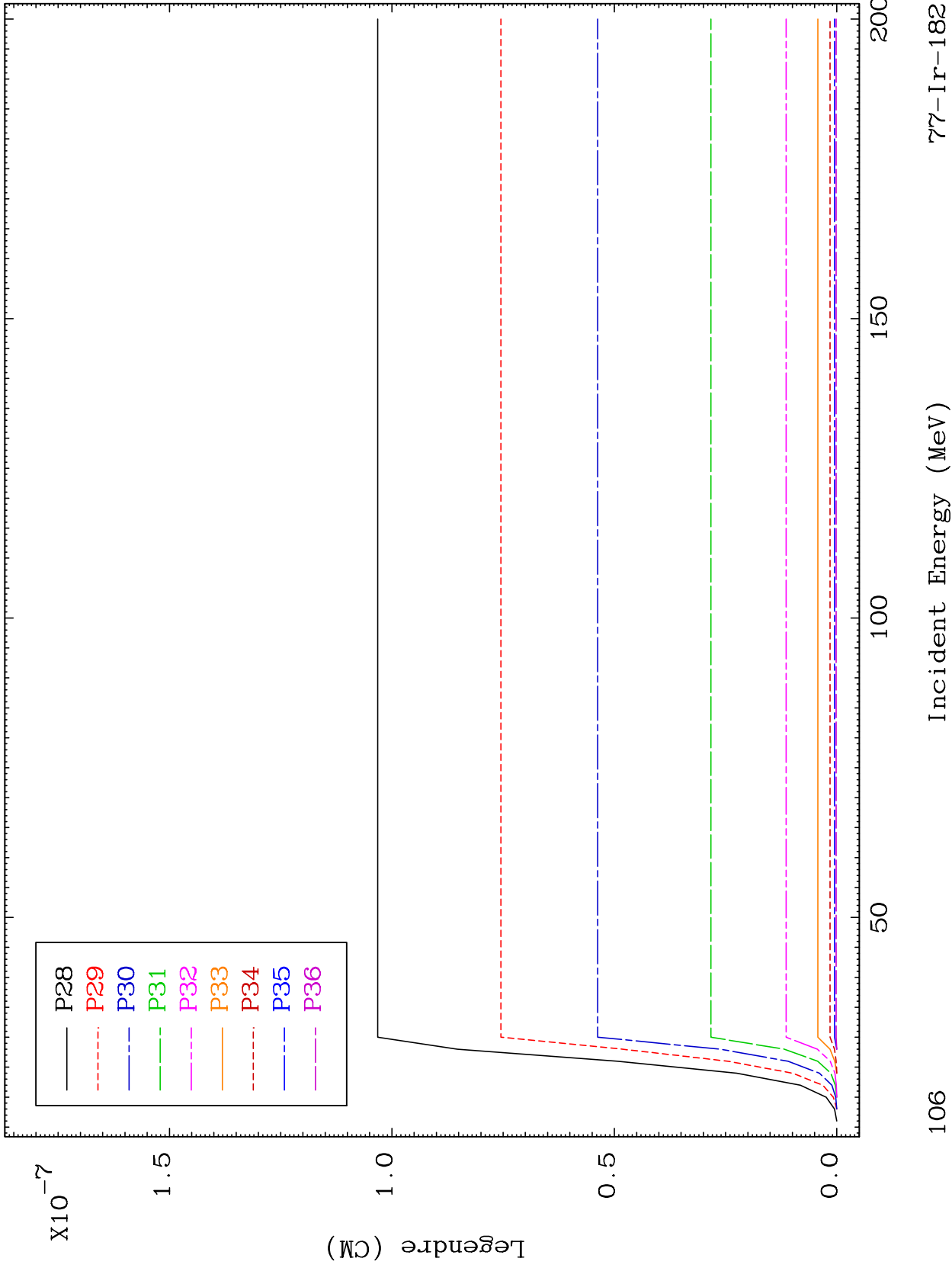
Incident Energy (MeV)

105

MAT 7698

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

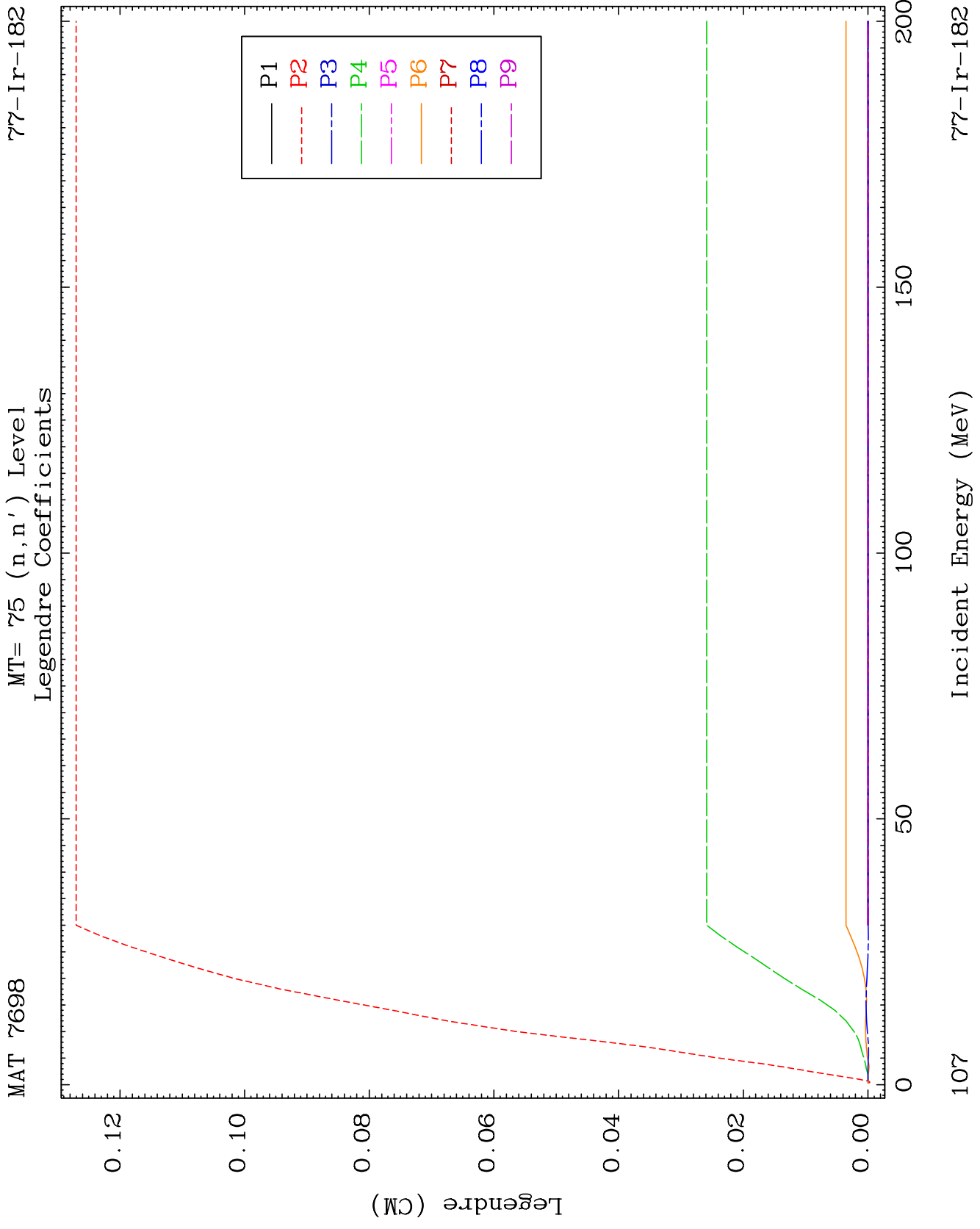
⁷⁷Ir-182



106

Incident Energy (MeV)

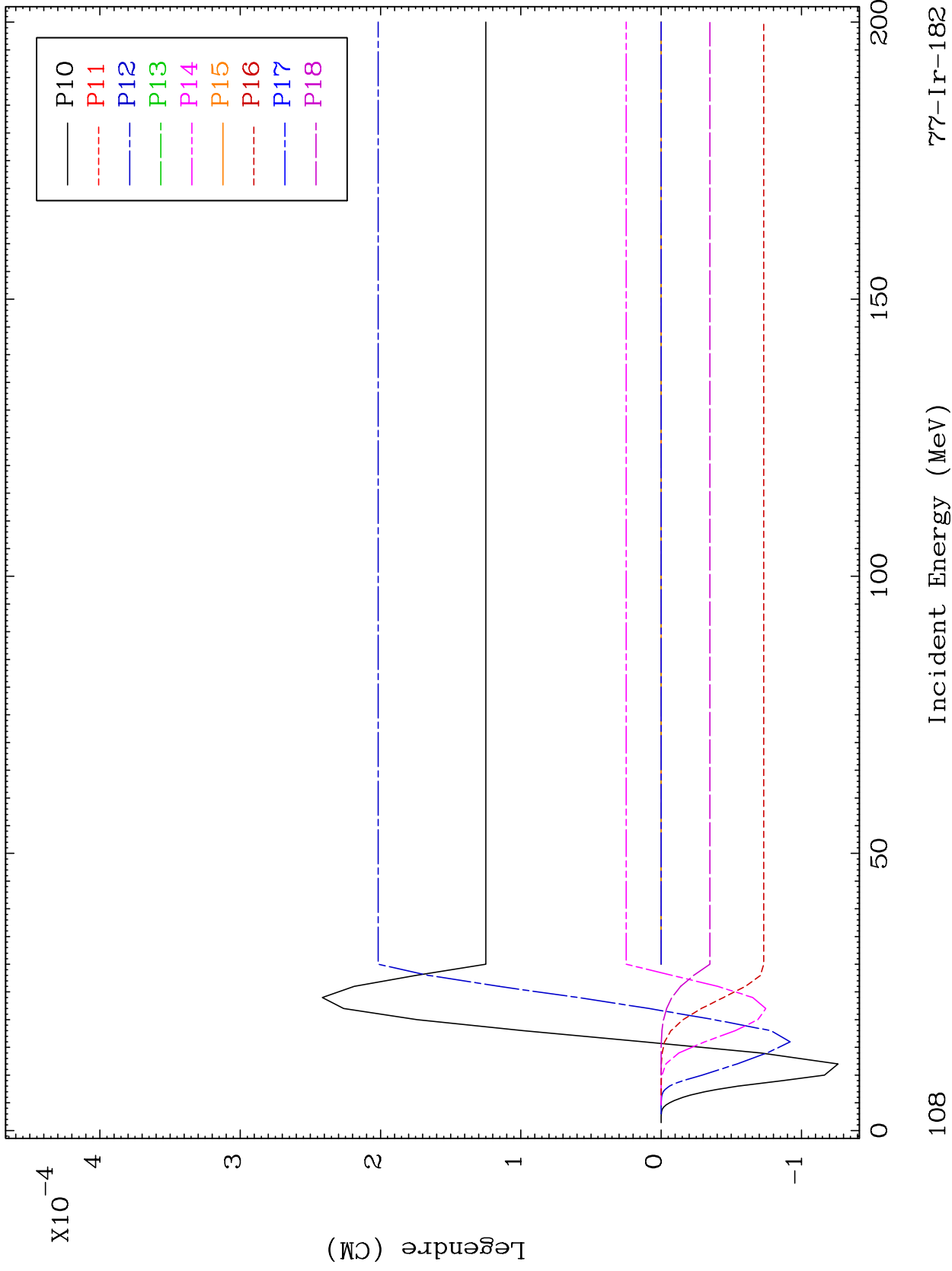
⁷⁷Ir-182



MAT 7698

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

77-Ir-182



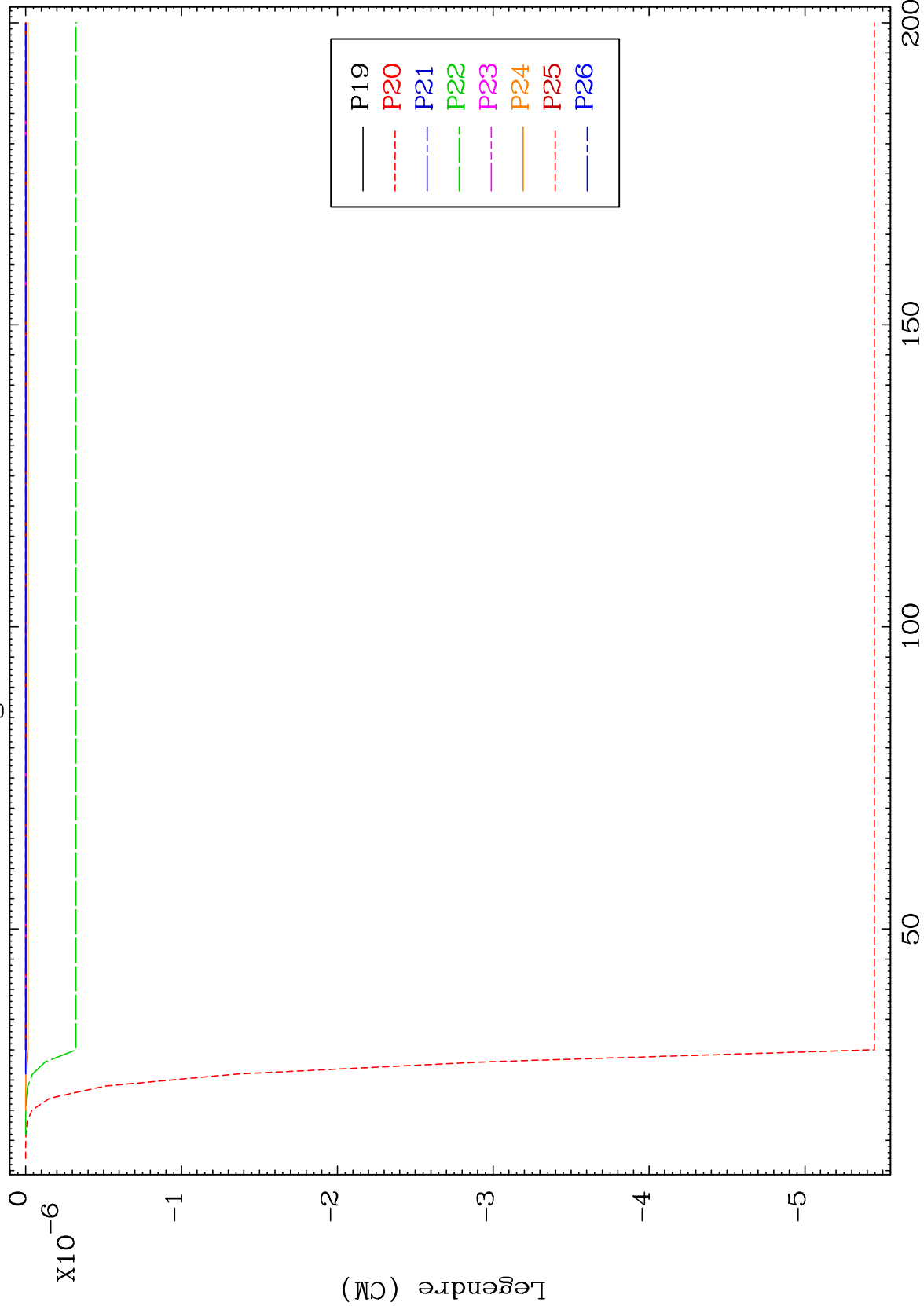
108

77-Ir-182

MAT 7698

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

77-Ir-182



77-Ir-182

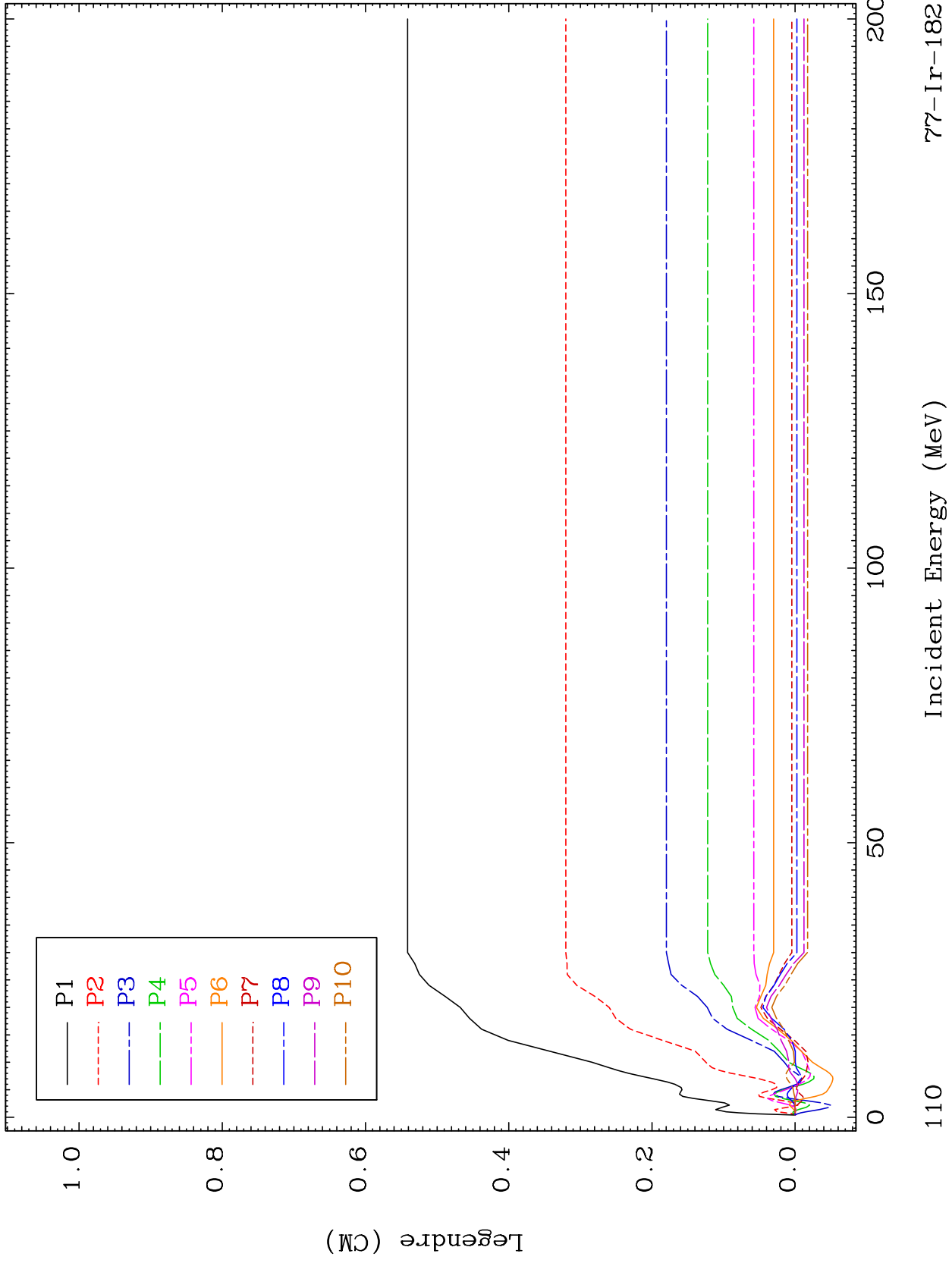
Incident Energy (MeV)

109

MAT 7698

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

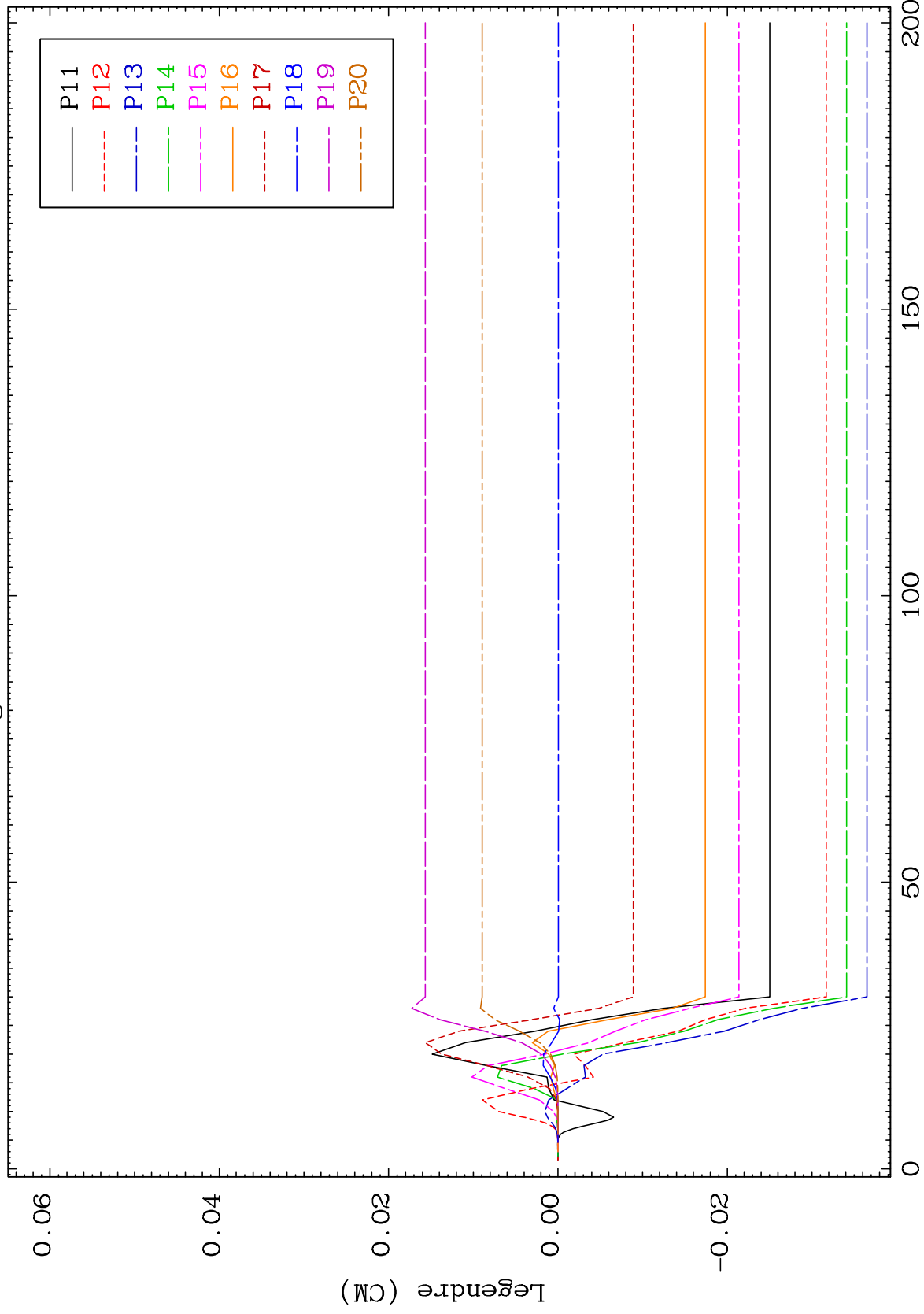
77-Ir-182



MAT 7698

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

77-Ir-182



111

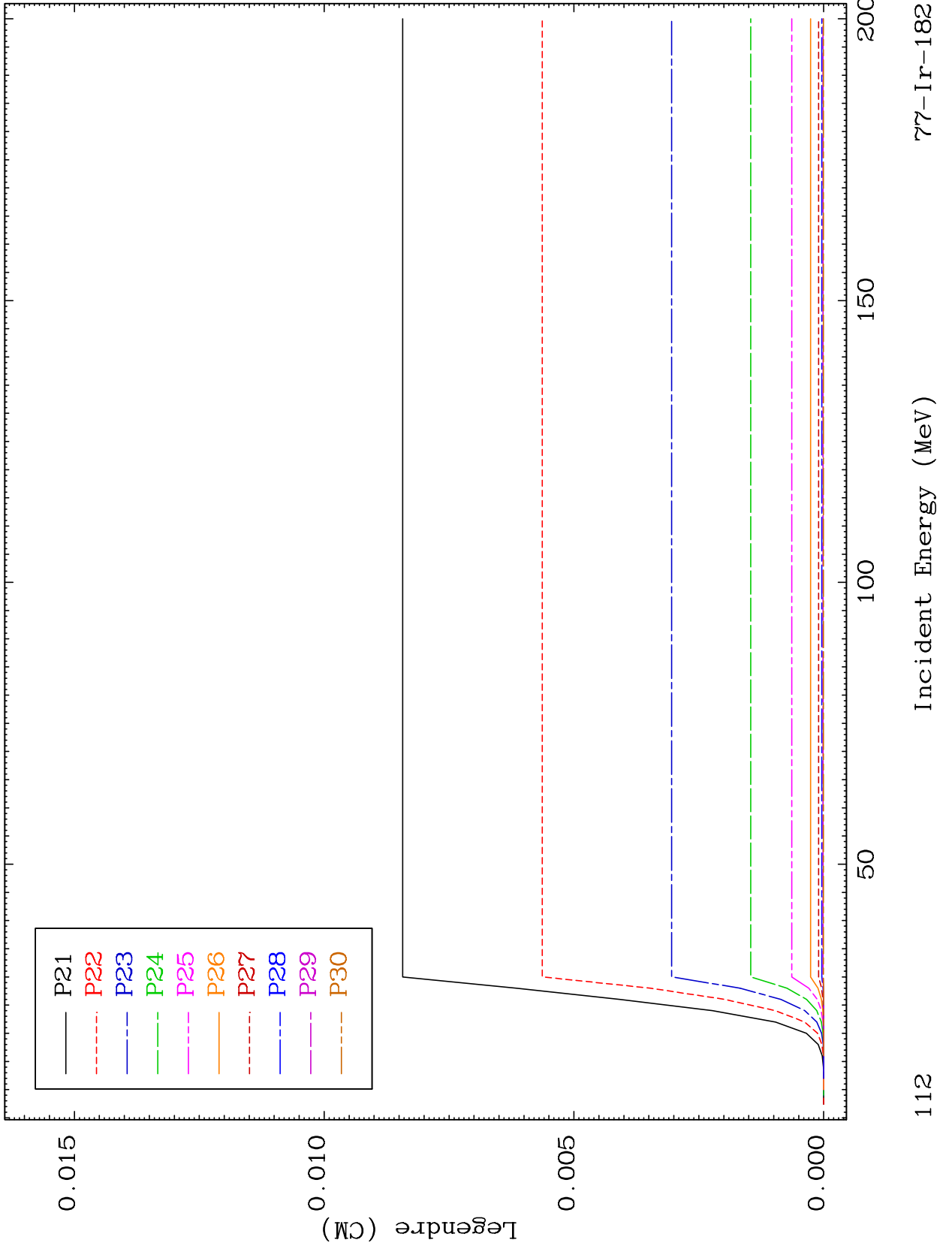
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



112

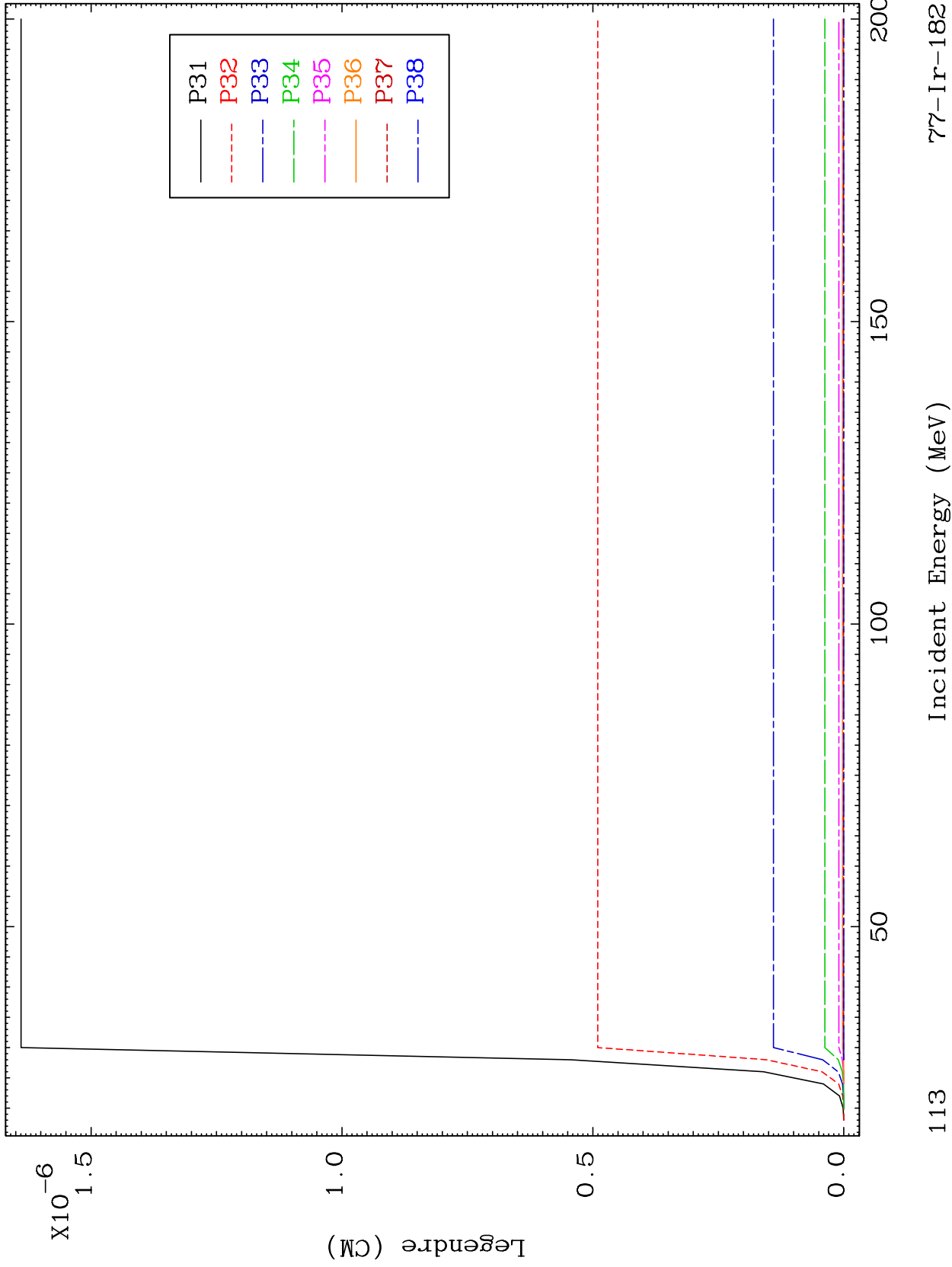
Incident Energy (MeV)

77-Ir-182

MAT 7698

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

77-Ir-182



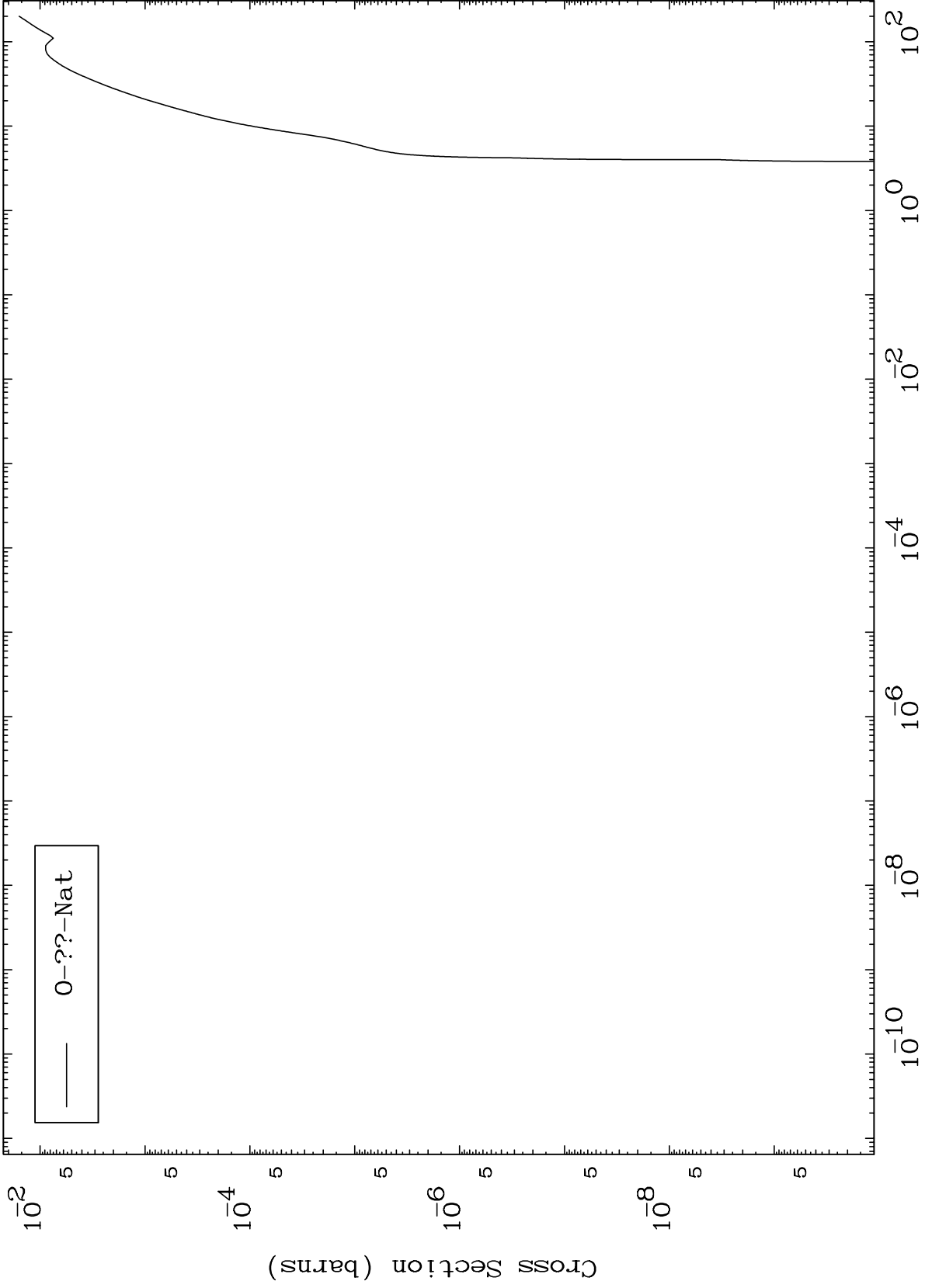
113

MAT 7698

Fission

⁷⁷Ir-182

Radionuclide Production Cross Section



114

Incident Energy (MeV)

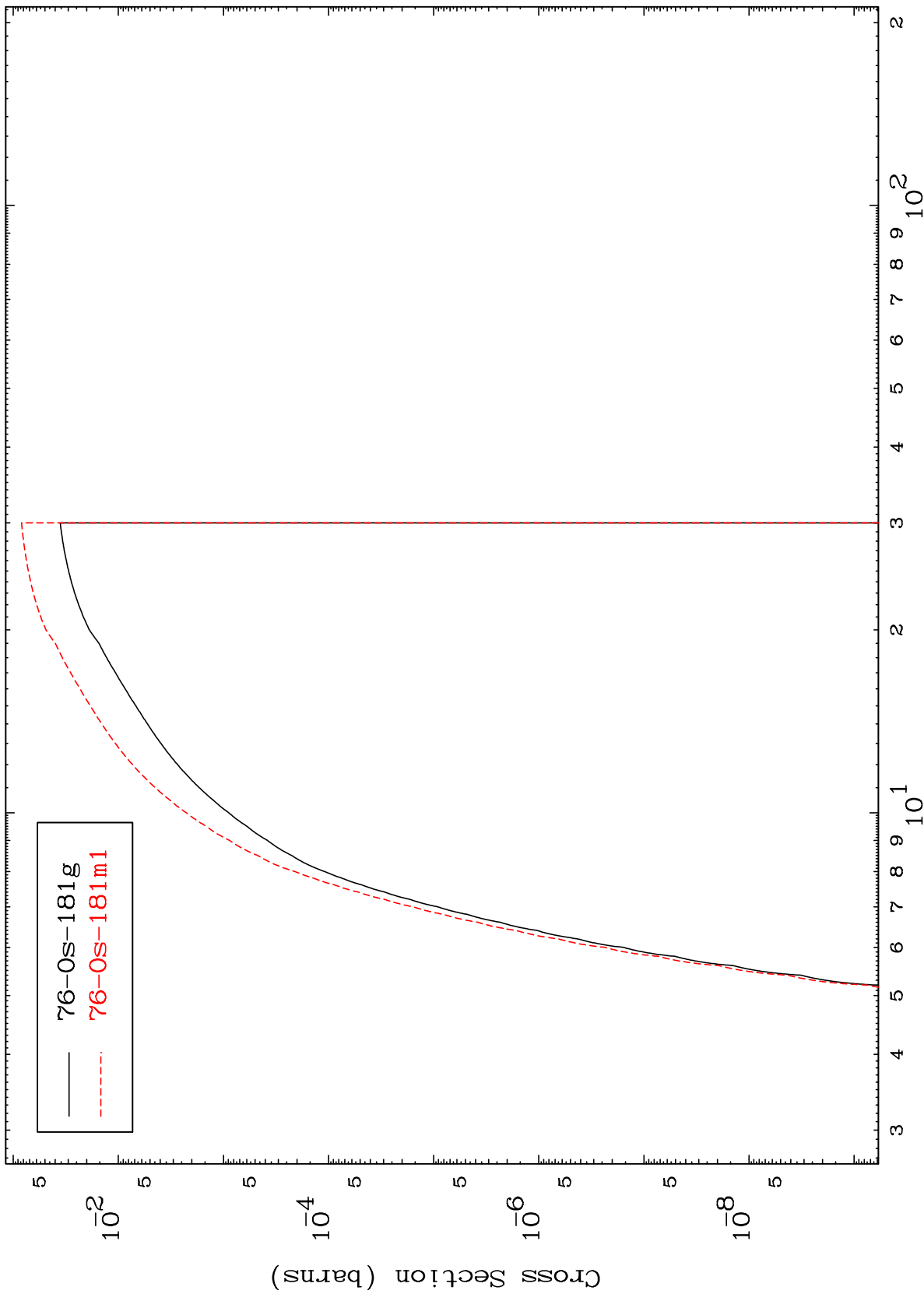
⁷⁷Ir-182

MAT 7698

(n,n') p

⁷⁷Ir-182

Radionuclide Production Cross Section



— 76-Os-181g
- - - 76-Os-181m1

115

Incident Energy (MeV)

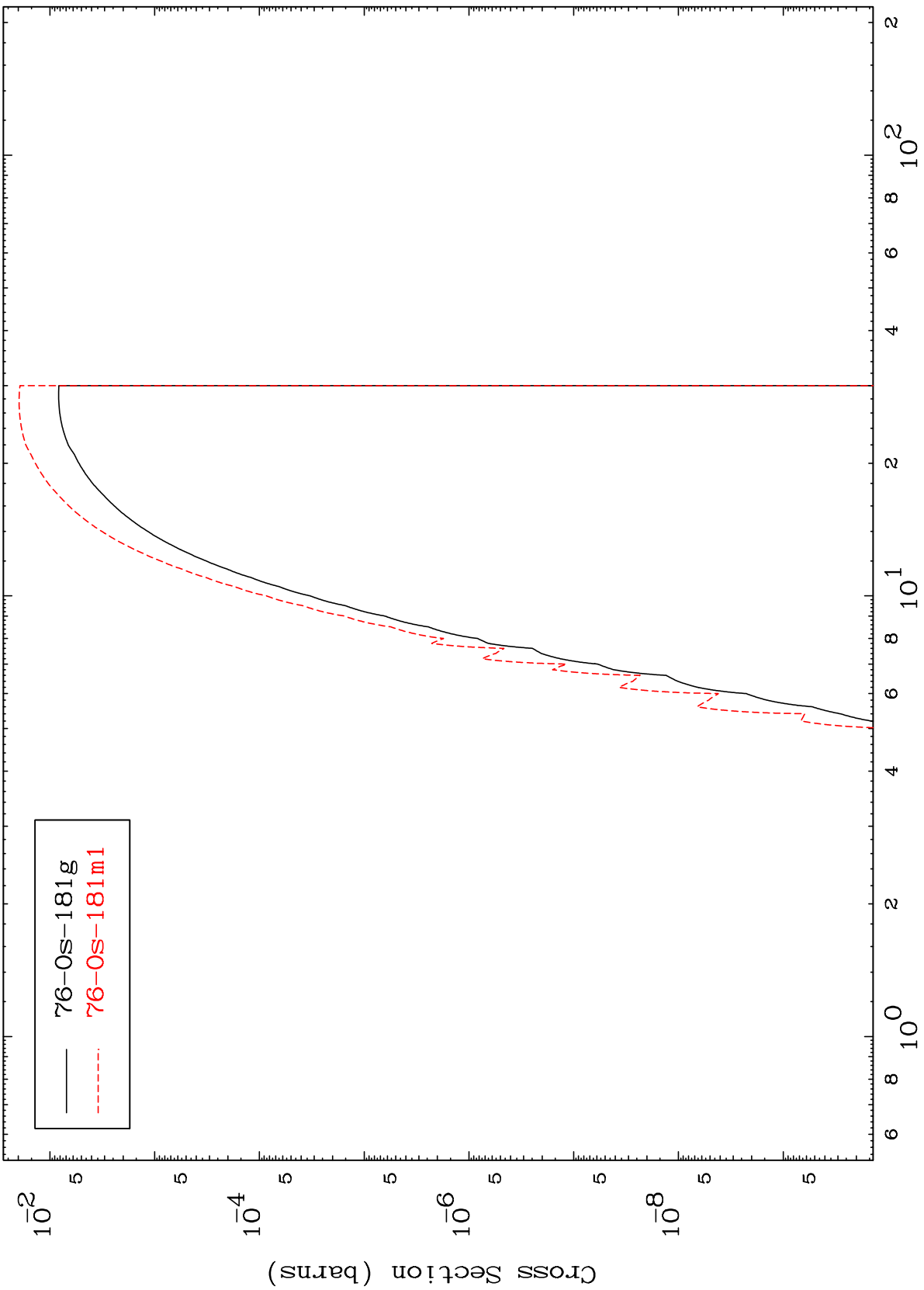
⁷⁷Ir-182

MAT 7698

(n,d)

⁷⁷Ir-182

Radionuclide Production Cross Section



— 76-Os-181g
- - - 76-Os-181m1

116

Incident Energy (MeV)

⁷⁷Ir-182