

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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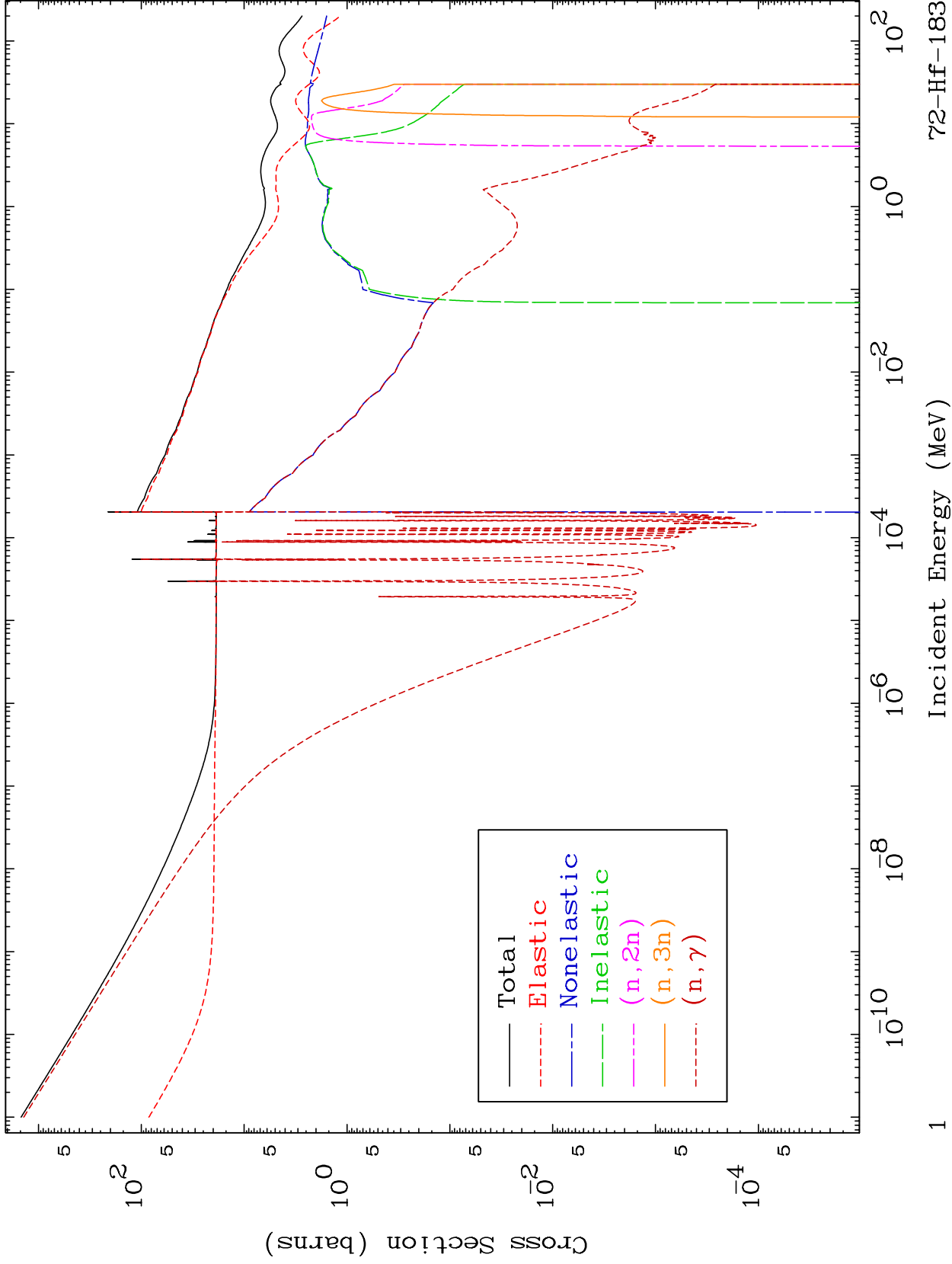
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7252

Neutron Major  
293 Kelvin Cross Sections

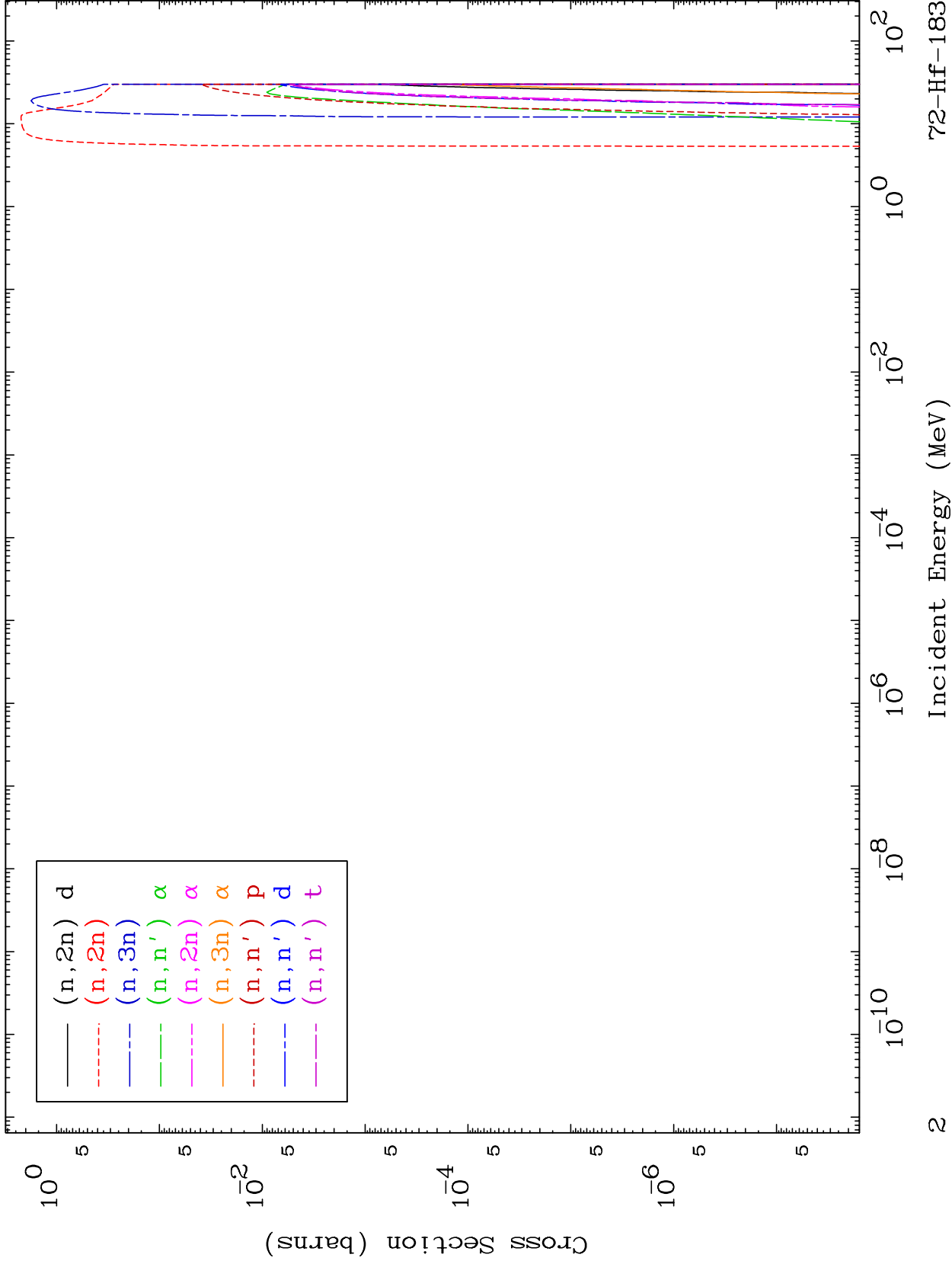
72-Hf-183



MAT 7252

Neutron Absorption  
293 Kelvin Cross Sections

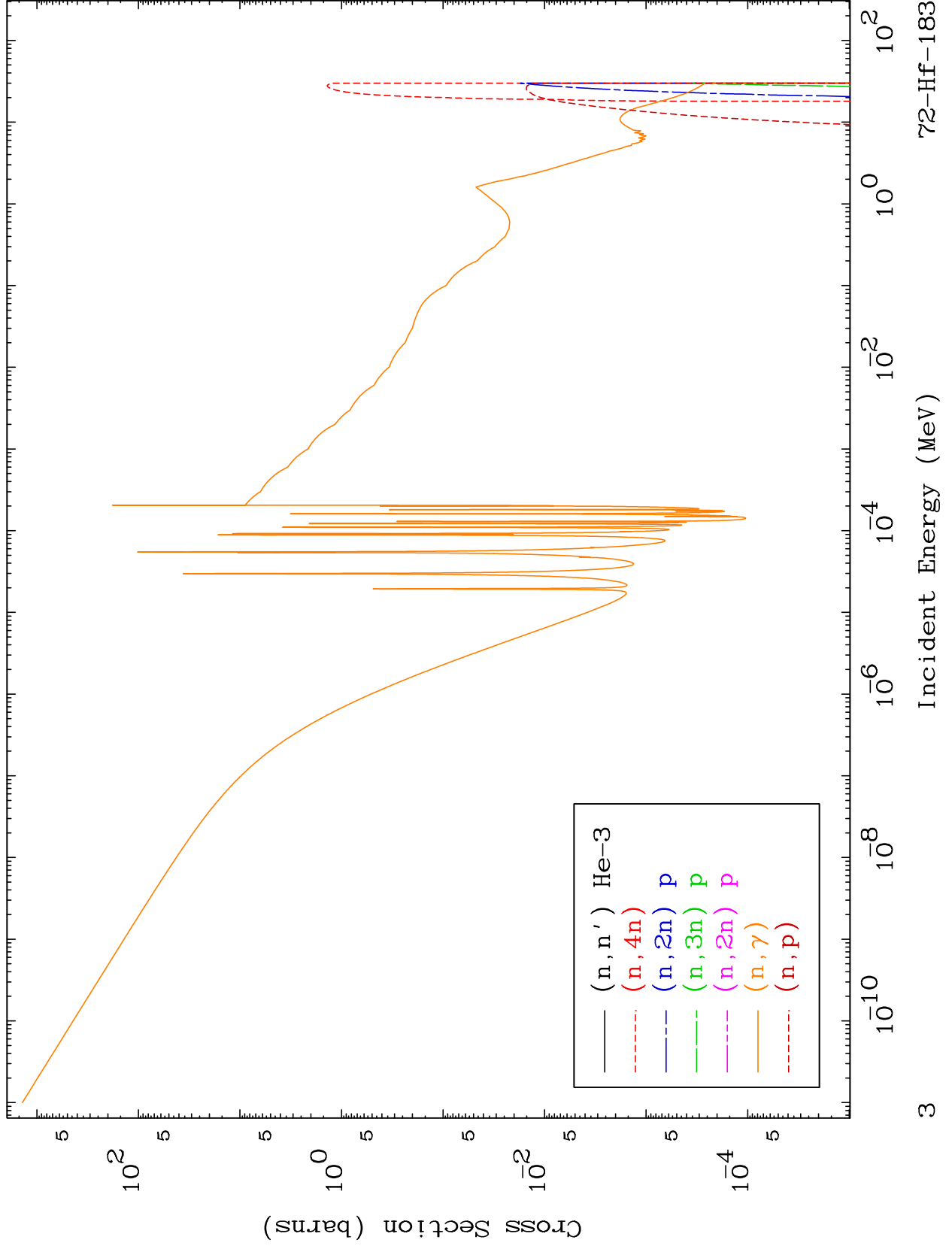
72-Hf-183



MAT 7252

Neutron Absorption  
293 Kelvin Cross Sections

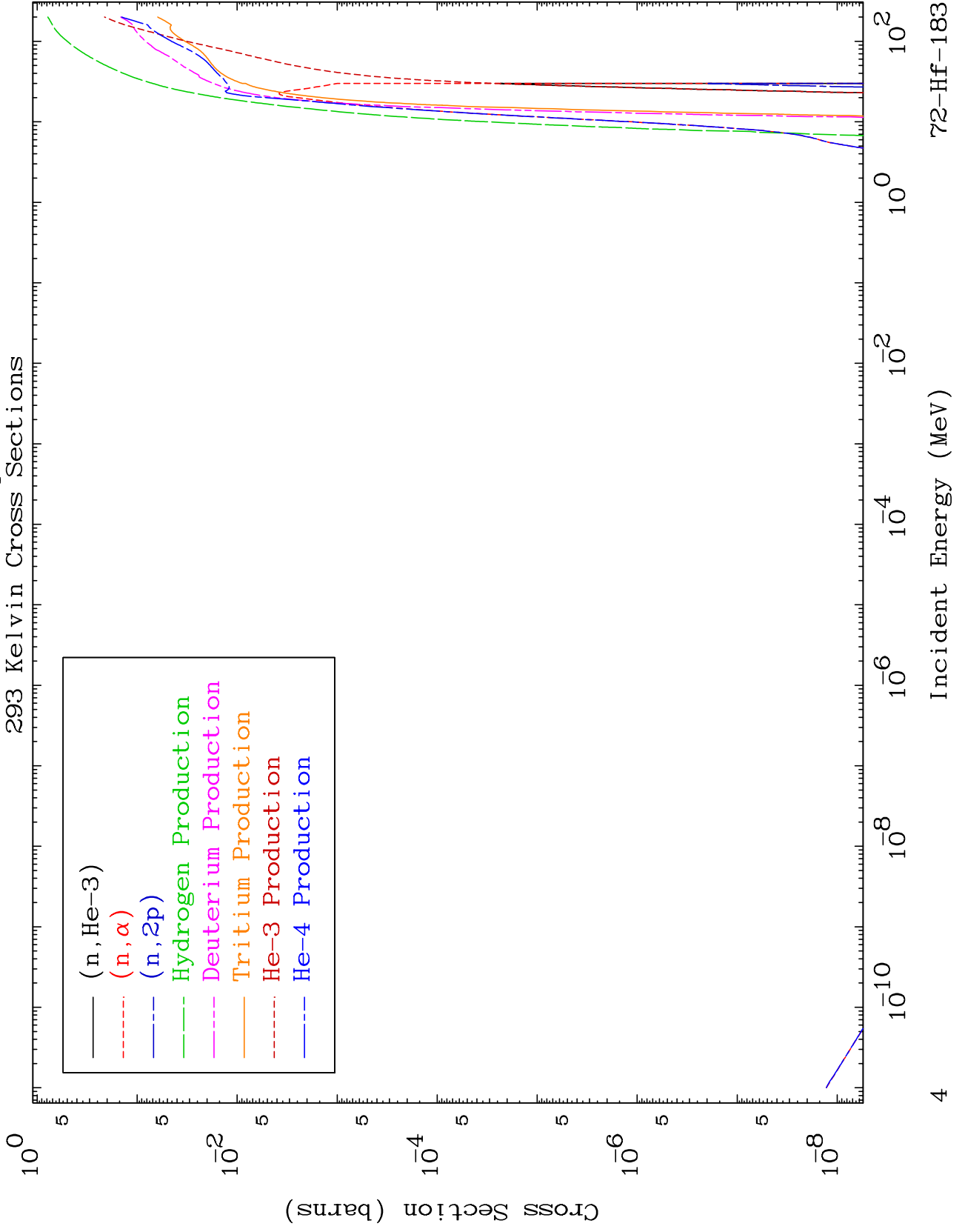
72-Hf-183



MAT 7252

Neutron Absorption  
293 Kelvin Cross Sections

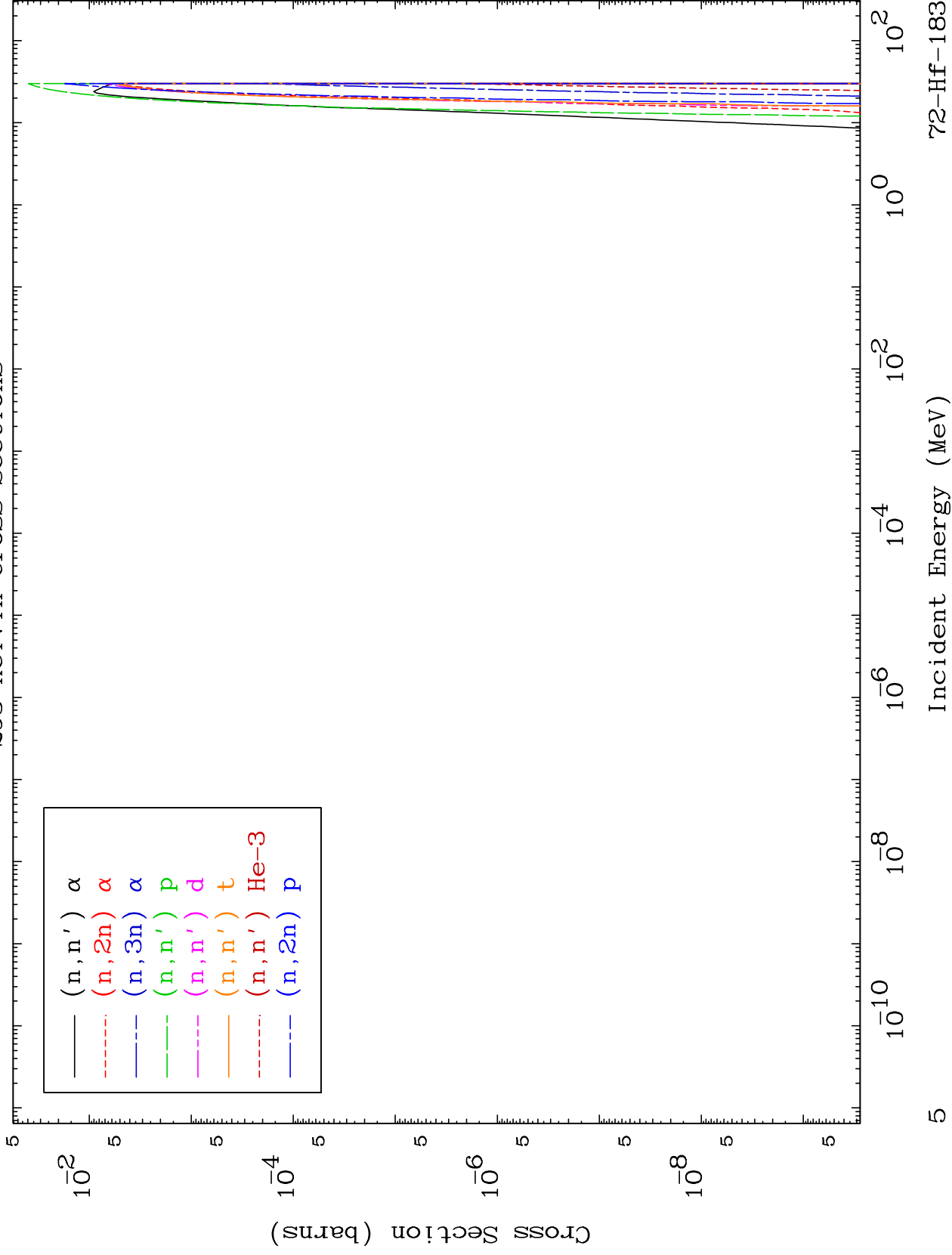
72-Hf-183



MAT 7252

Charged Particle  
293 Kelvin Cross Sections

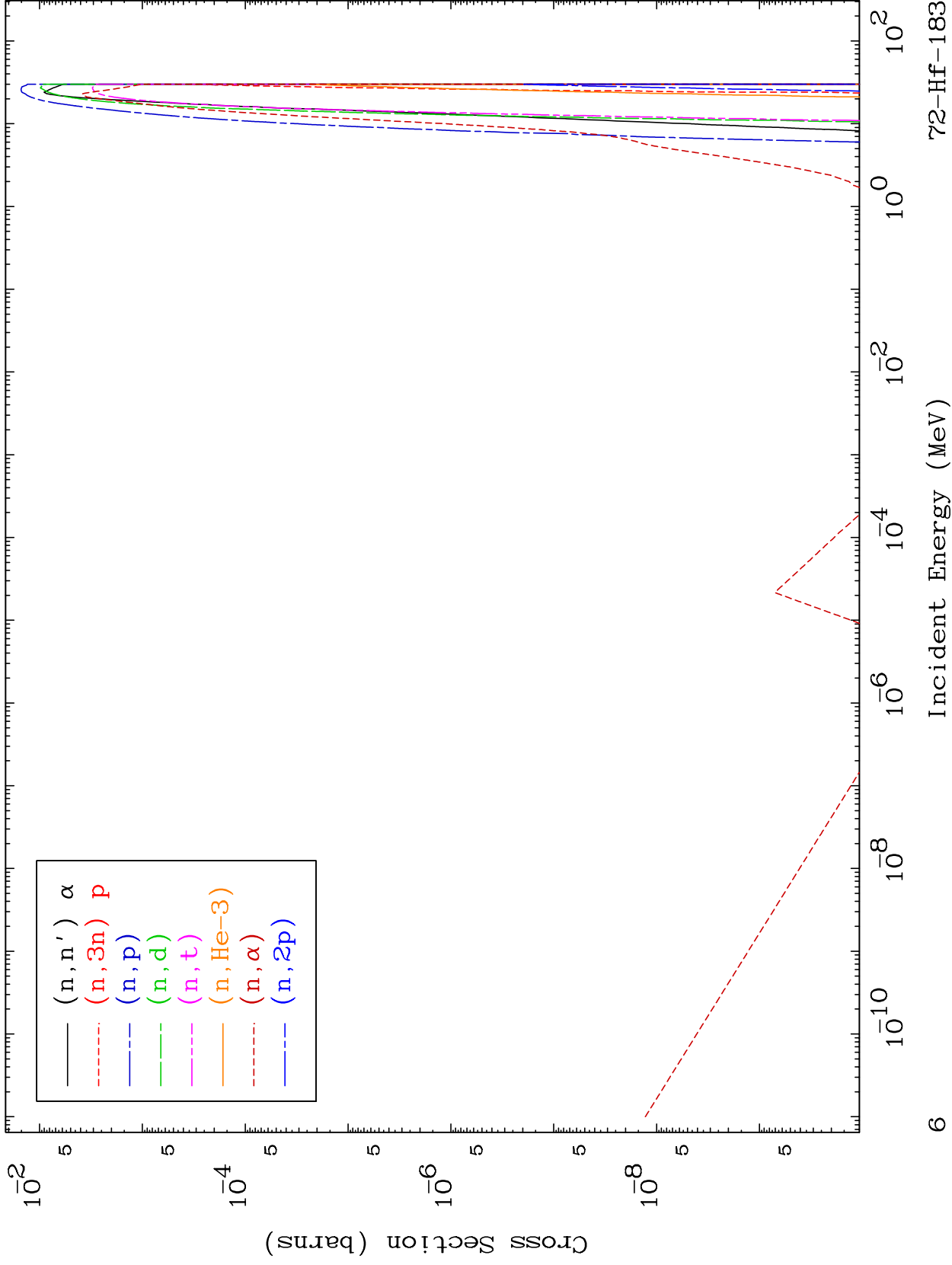
72-Hf-183



MAT 7252

Charged Particle  
293 Kelvin Cross Sections

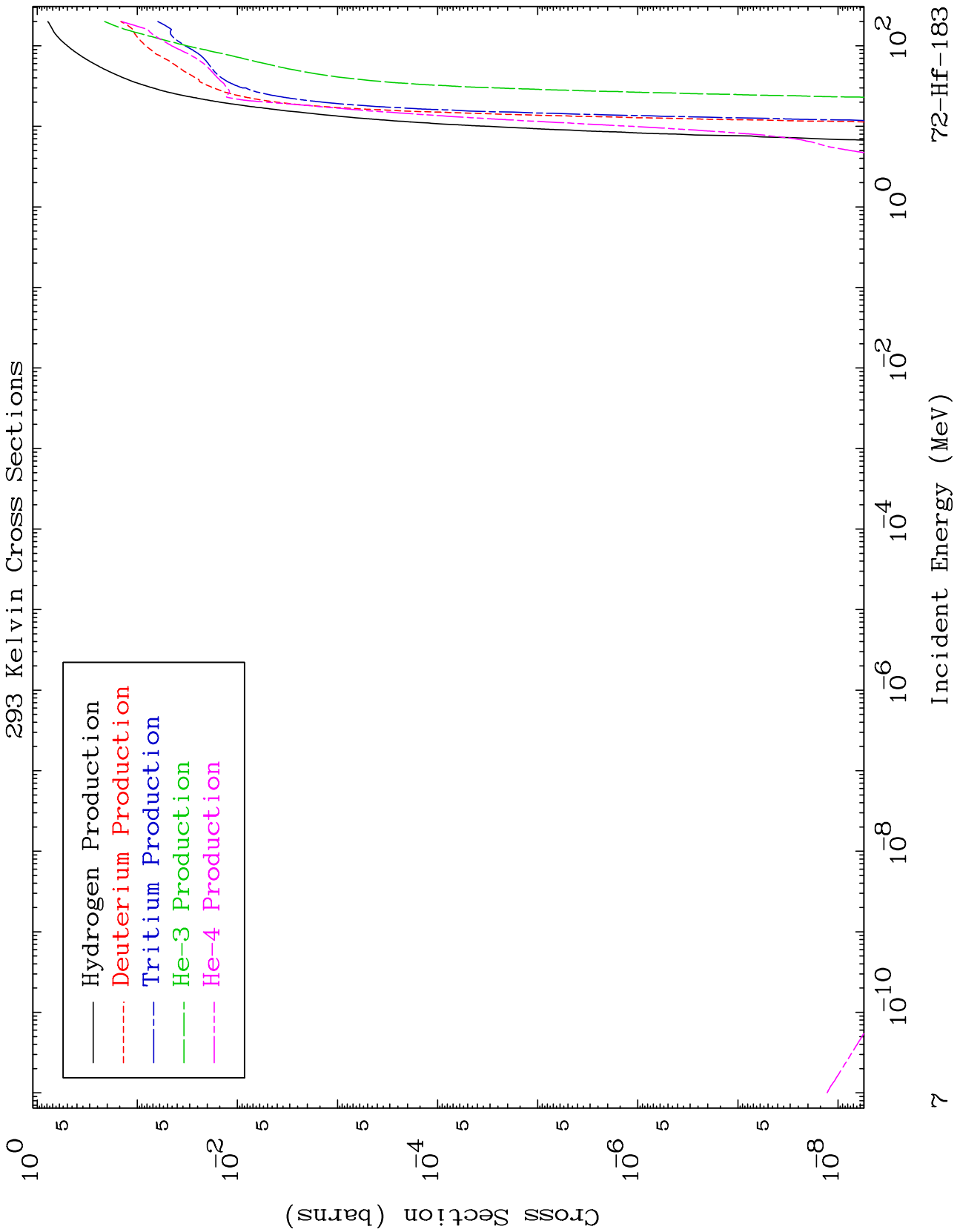
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MAT 7252

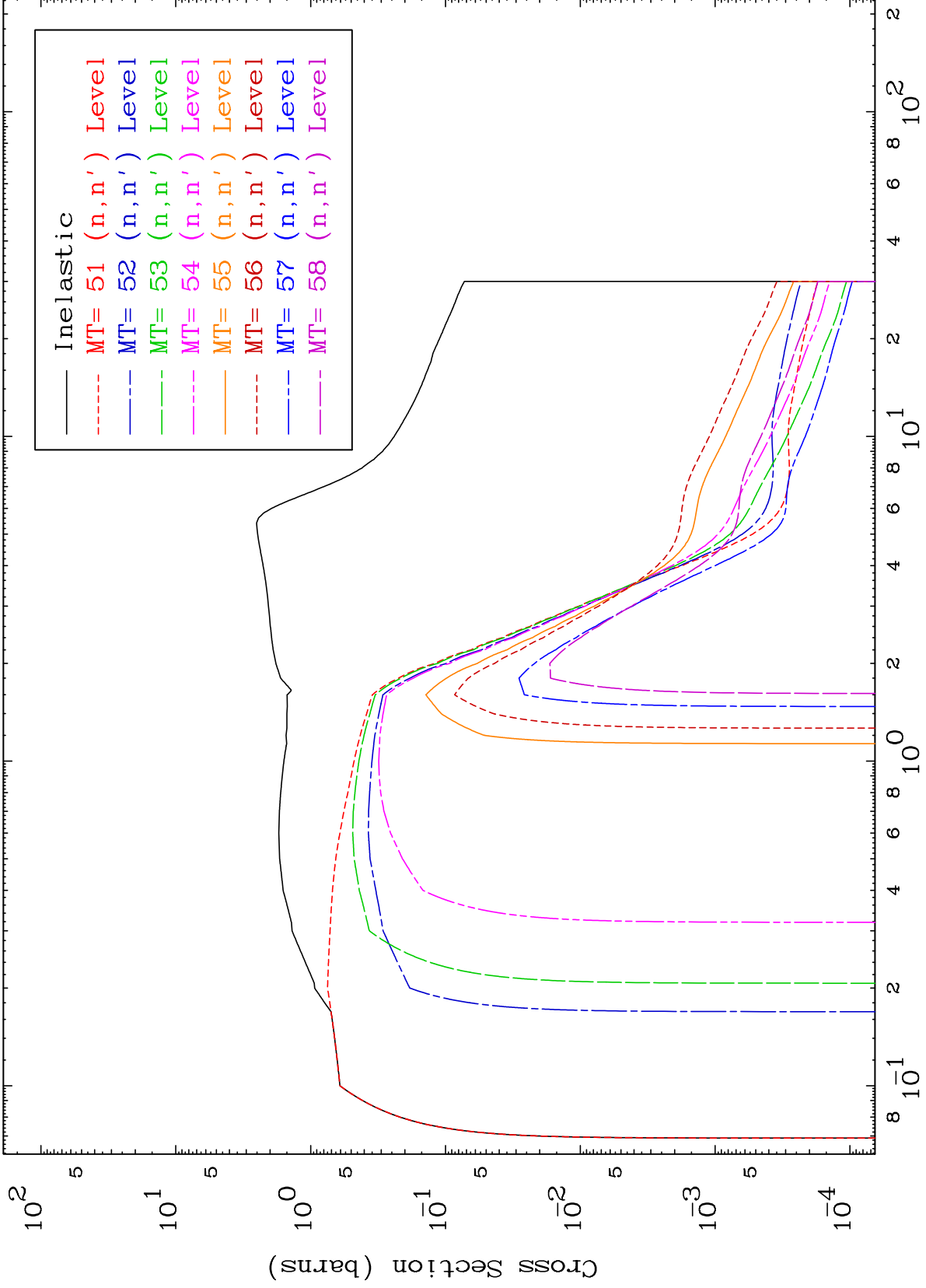
Particle Production  
293 Kelvin Cross Sections

72-Hf-183





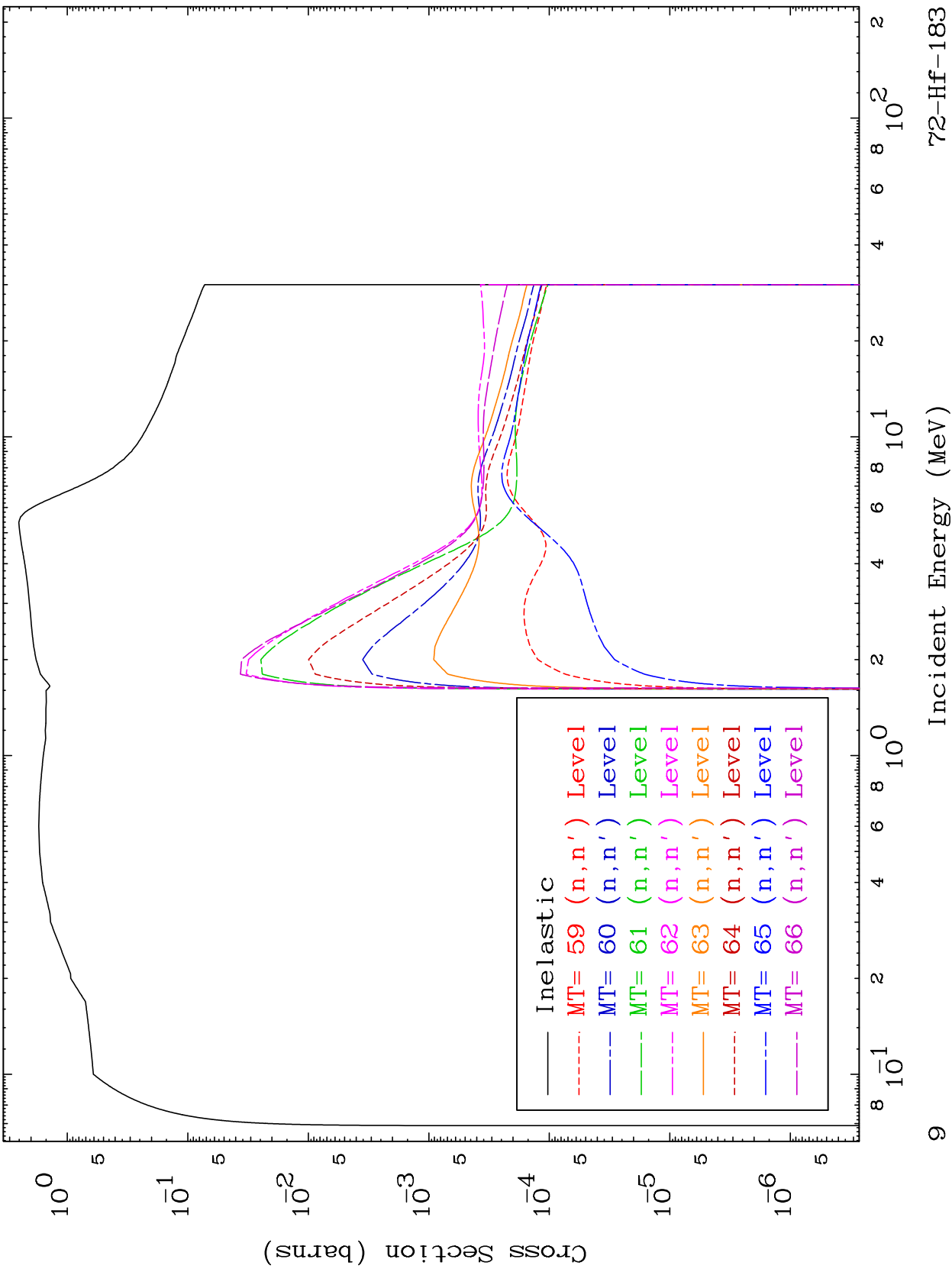
293 Kelvin Cross Sections



MAT 7252

72-Hf-183

(n,n') Levels  
293 Kelvin Cross Sections



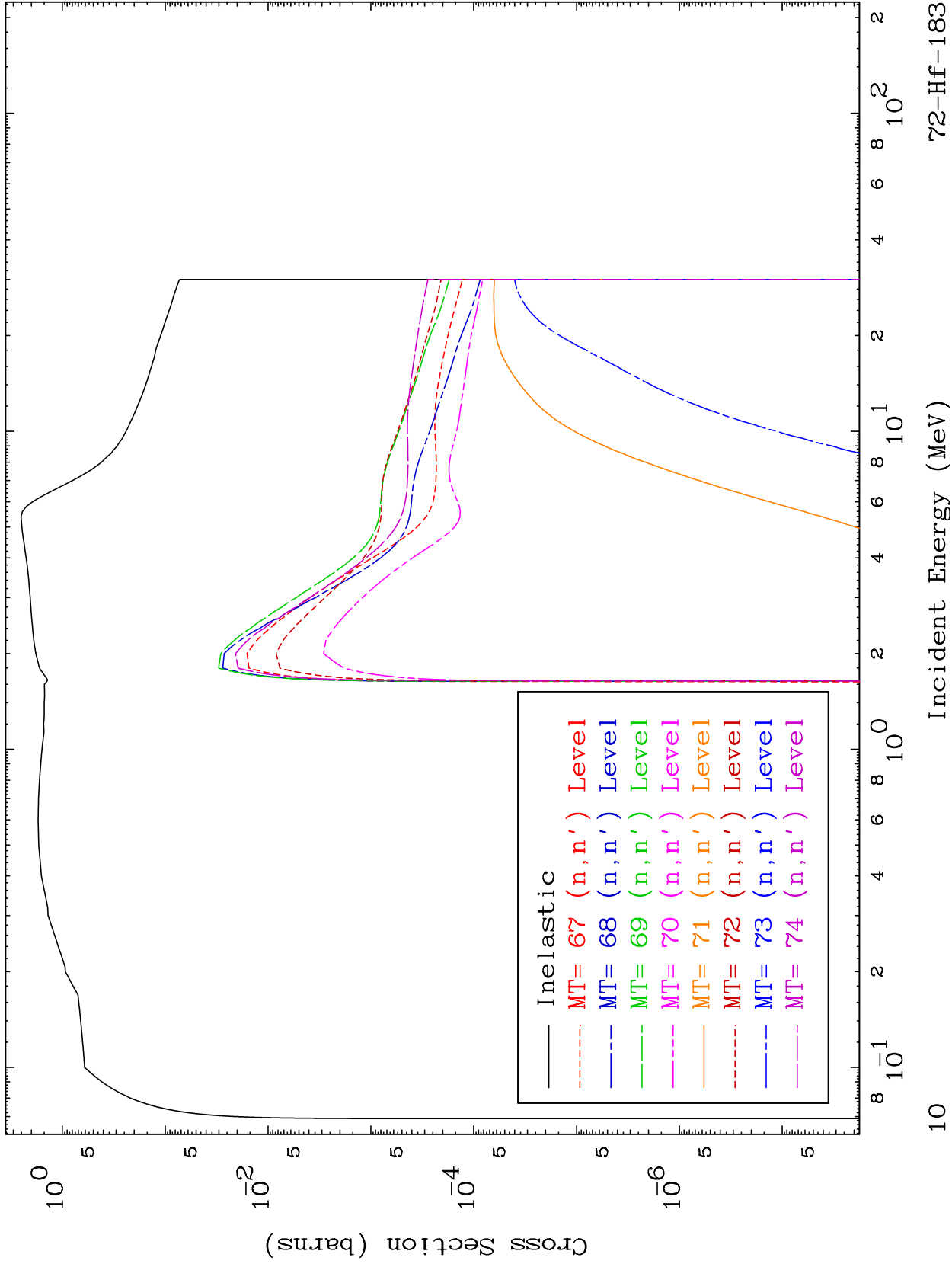
72-Hf-183

Incident Energy (MeV)

MAT 7252

(n,n') Levels  
293 Kelvin Cross Sections

72-Hf-183



10

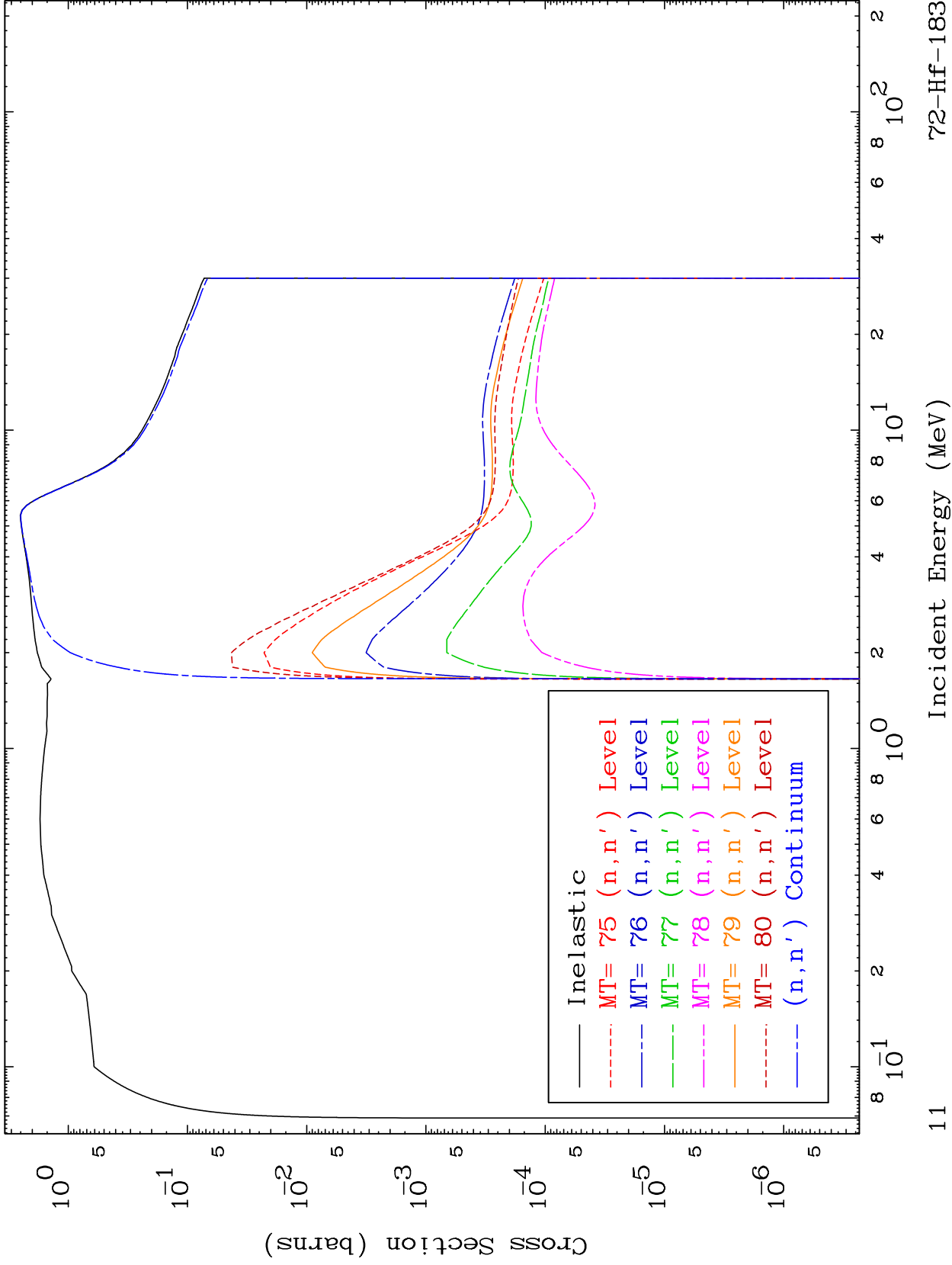
Incident Energy (MeV)

72-Hf-183

MAT 7252

(n,n') Levels  
293 Kelvin Cross Sections

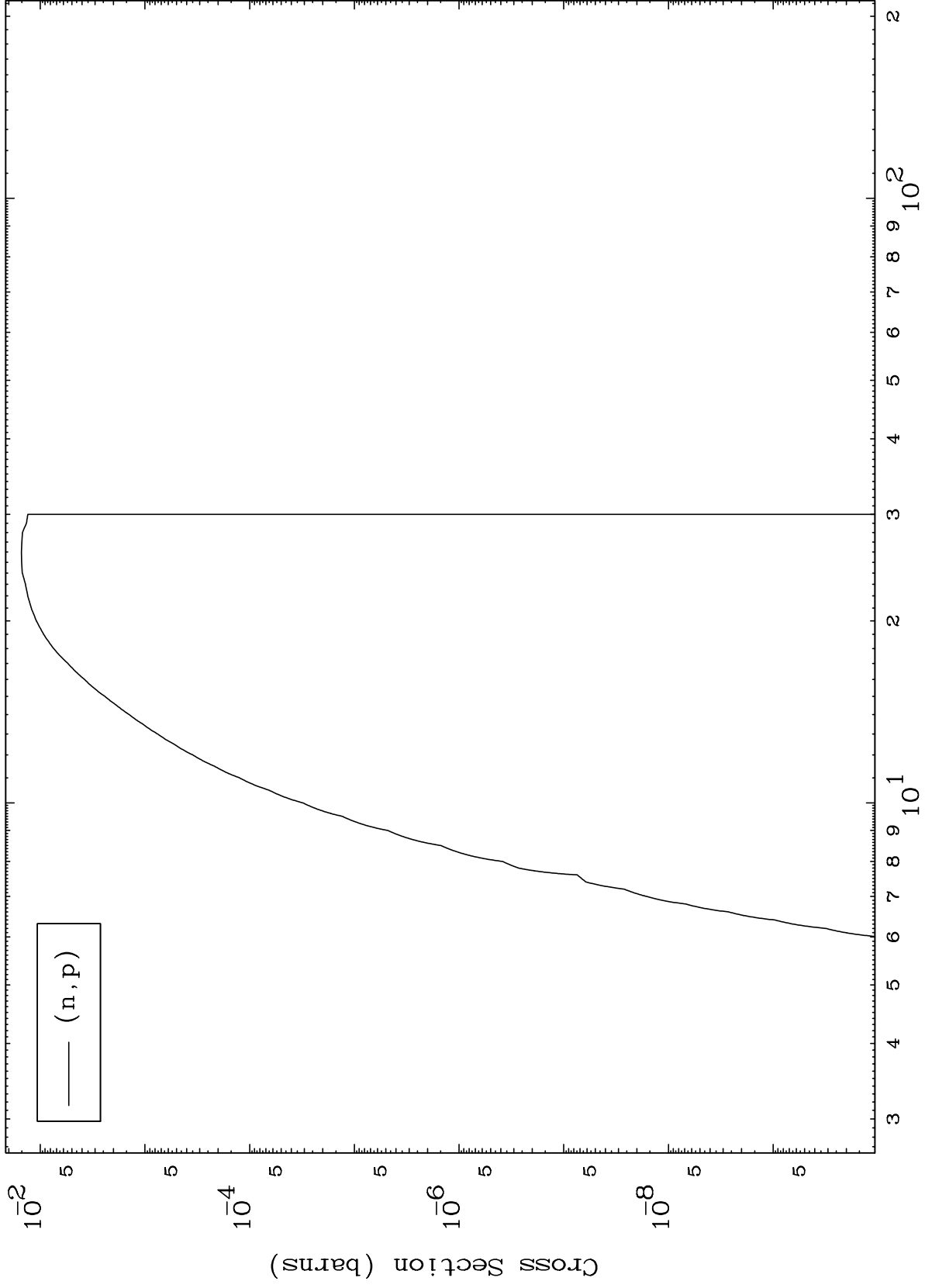
72-Hf-183



MAT 7252

(n,p) Levels  
293 Kelvin Cross Sections

72-Hf-183



12

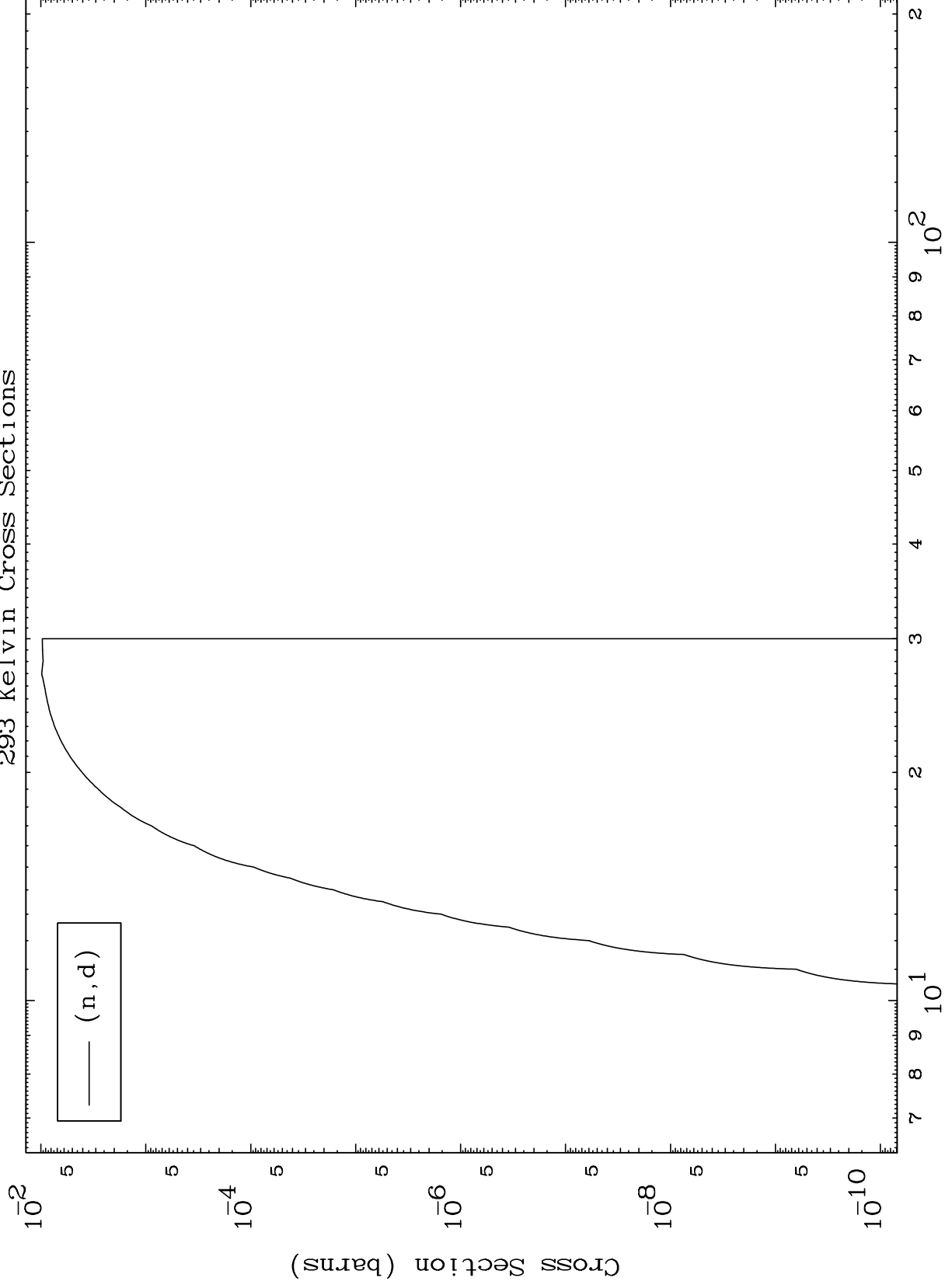
Incident Energy (MeV)

72-Hf-183

MAT 7252

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-183



13

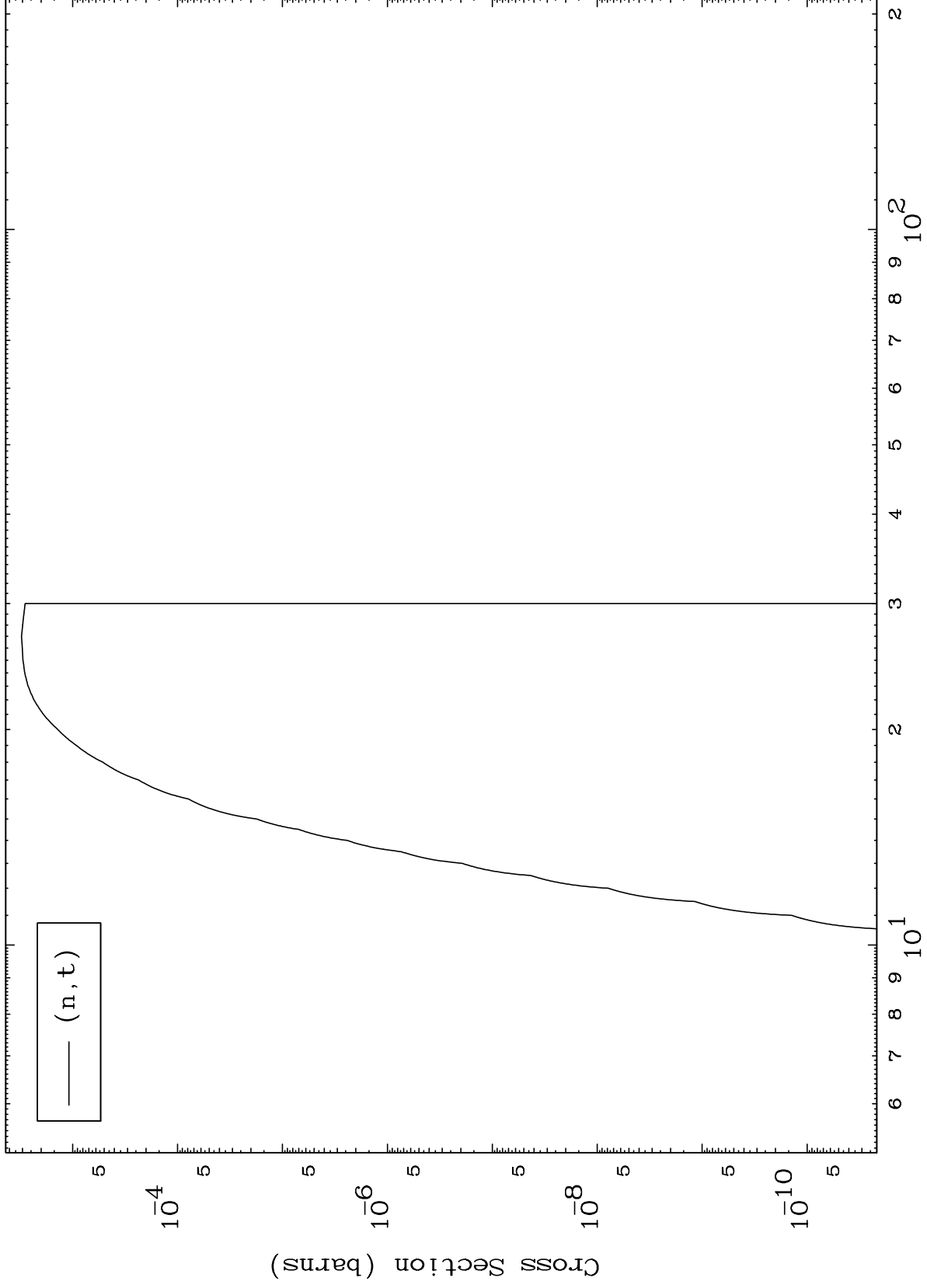
Incident Energy (MeV)

72-Hf-183

MAT 7252

(n,t) Levels  
293 Kelvin Cross Sections

72-Hf-183



14

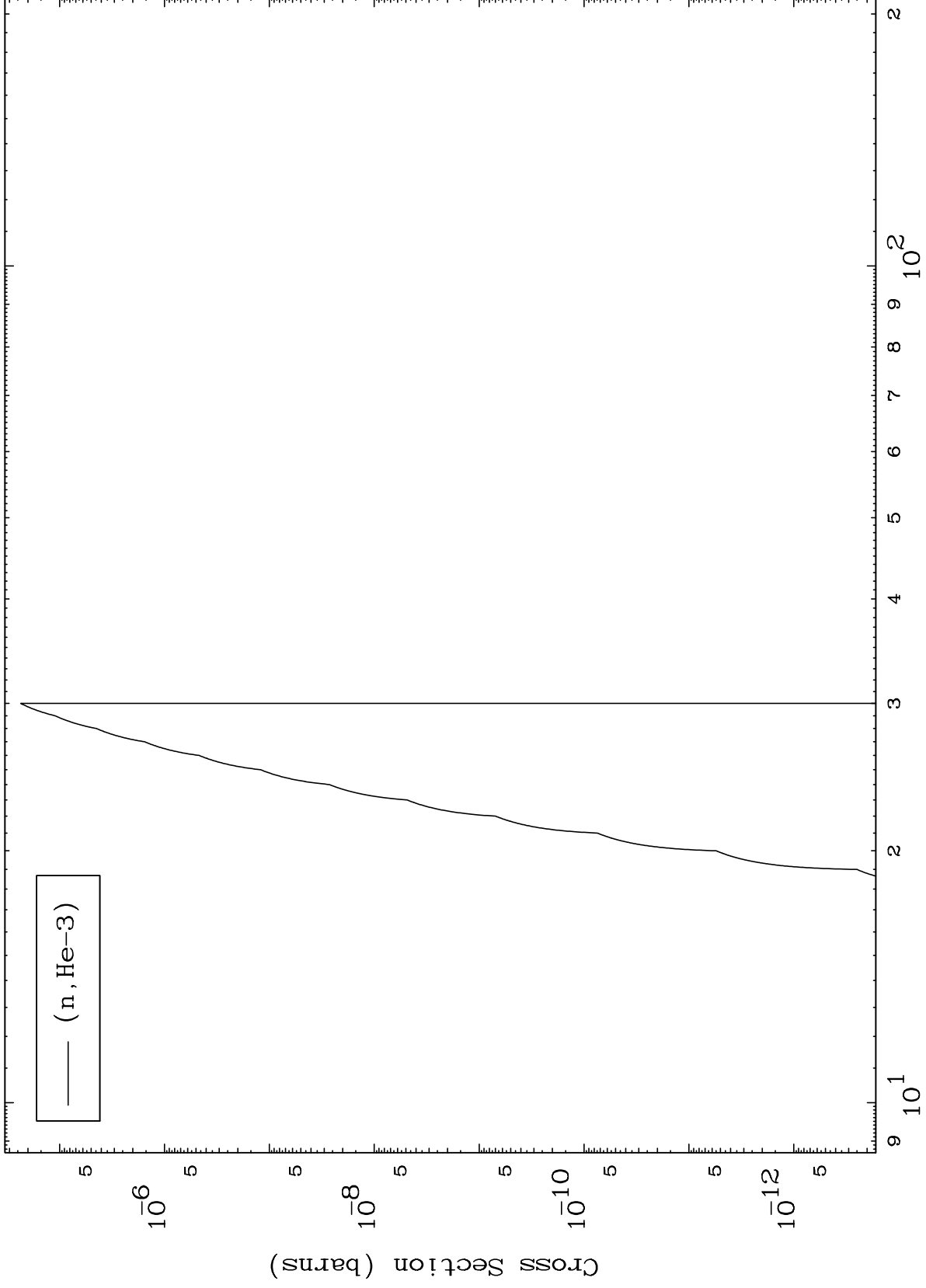
Incident Energy (MeV)

72-Hf-183

MAT 7252

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-183



15

Incident Energy (MeV)

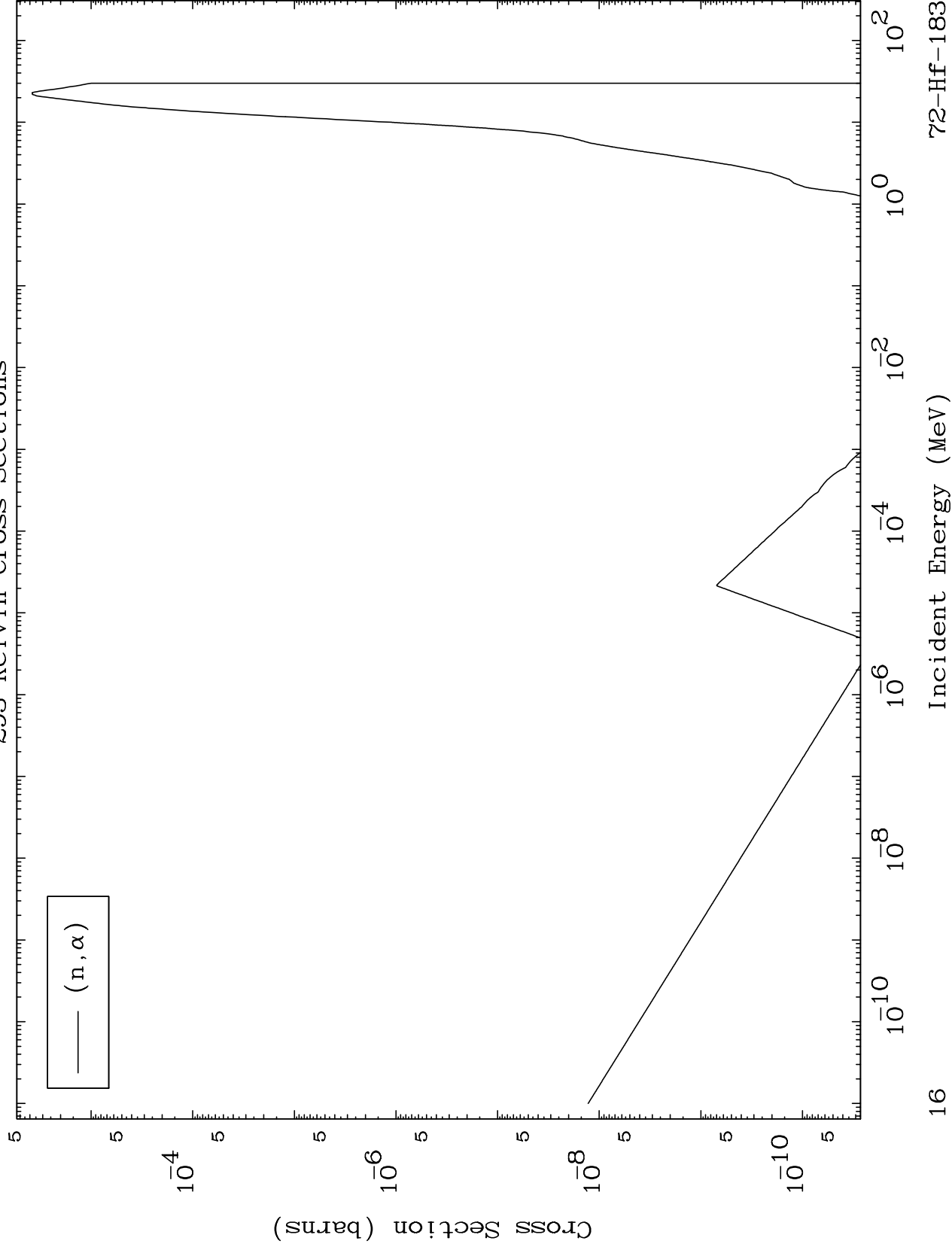
72-Hf-183



MAT 7252

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

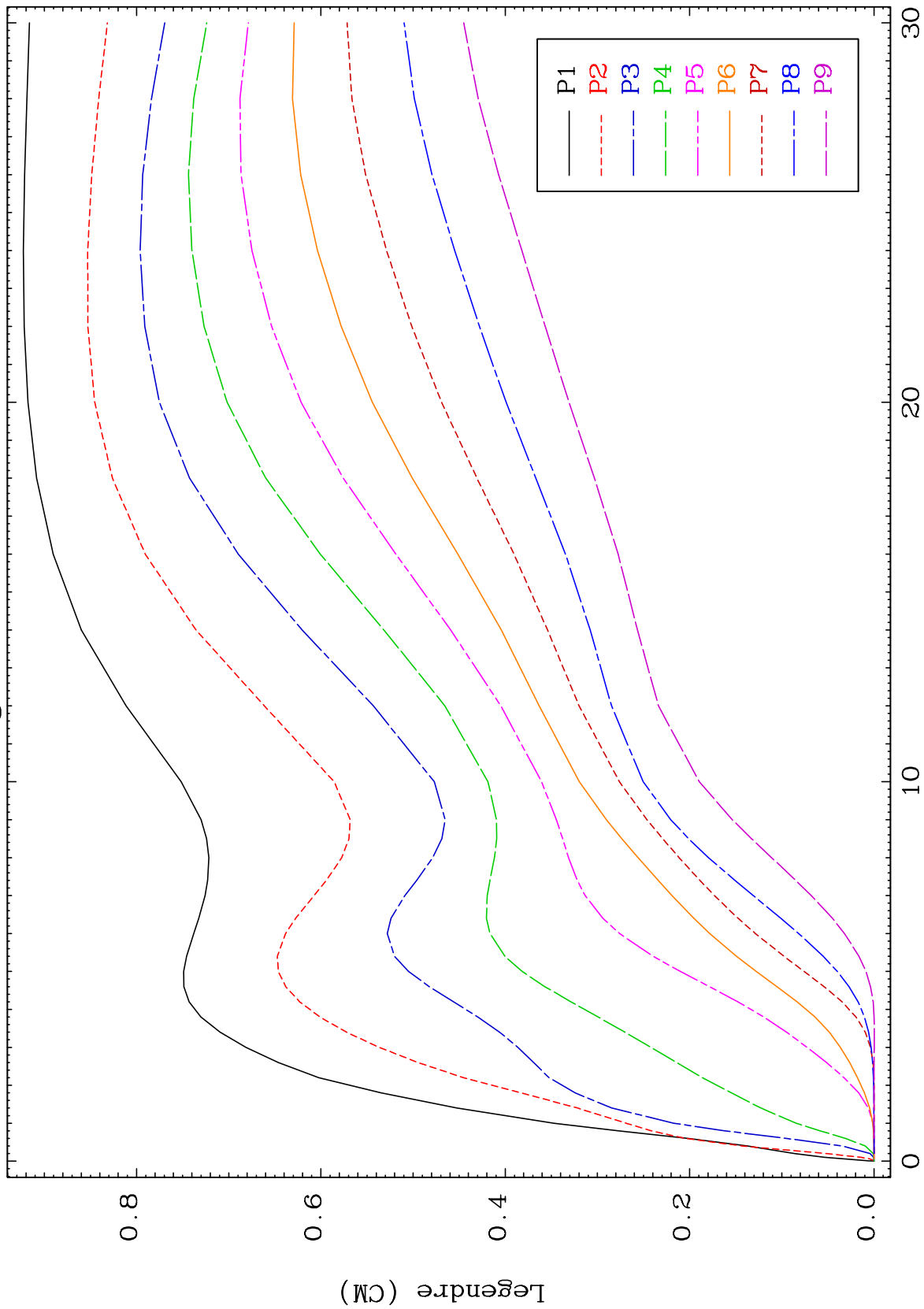
72-Hf-183



MAT 7252

Elastic Legendre Coefficients

72-Hf-183



17

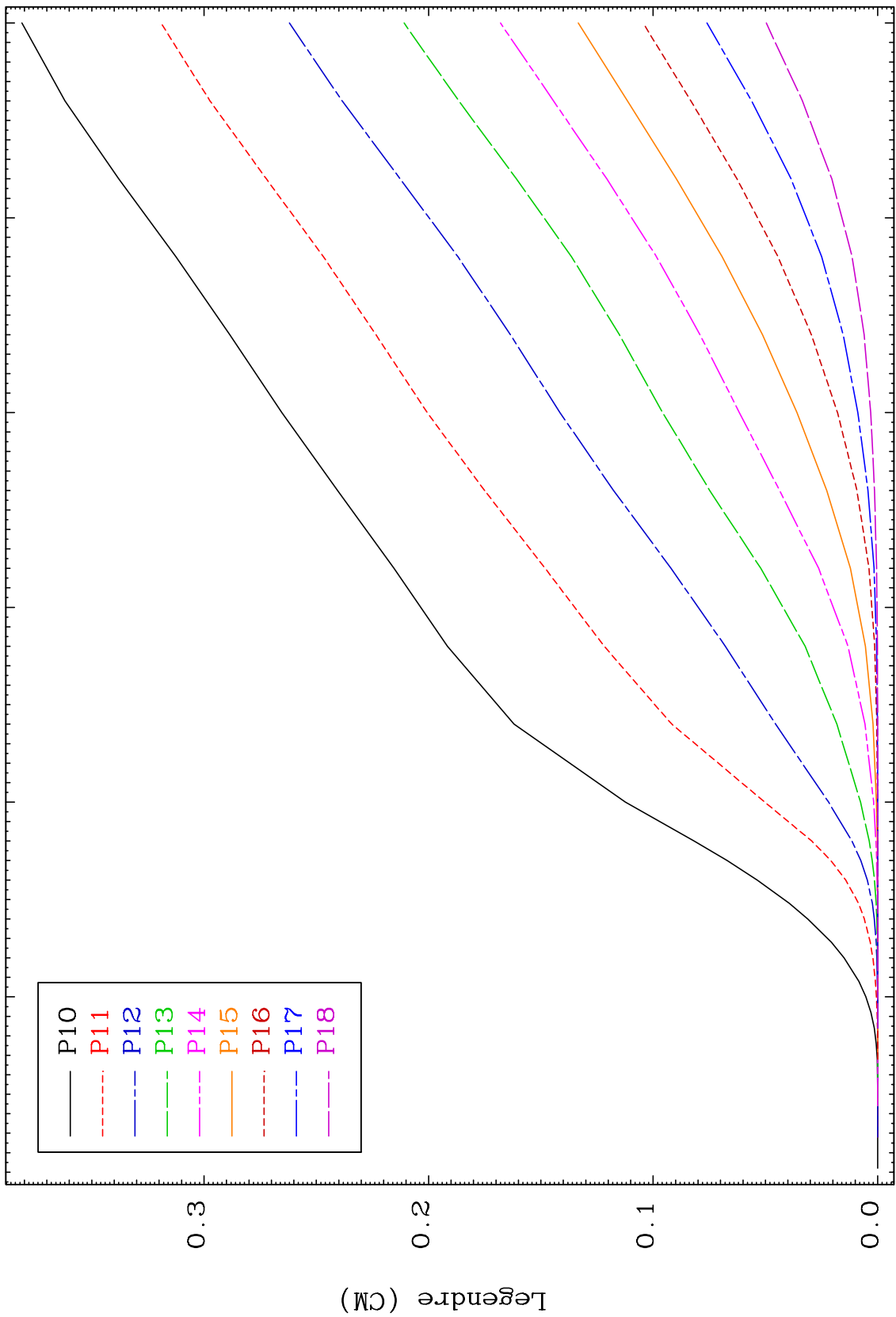
Incident Energy (MeV)

72-Hf-183

MAT 7252

Elastic Legendre Coefficients

72-Hf-183



18

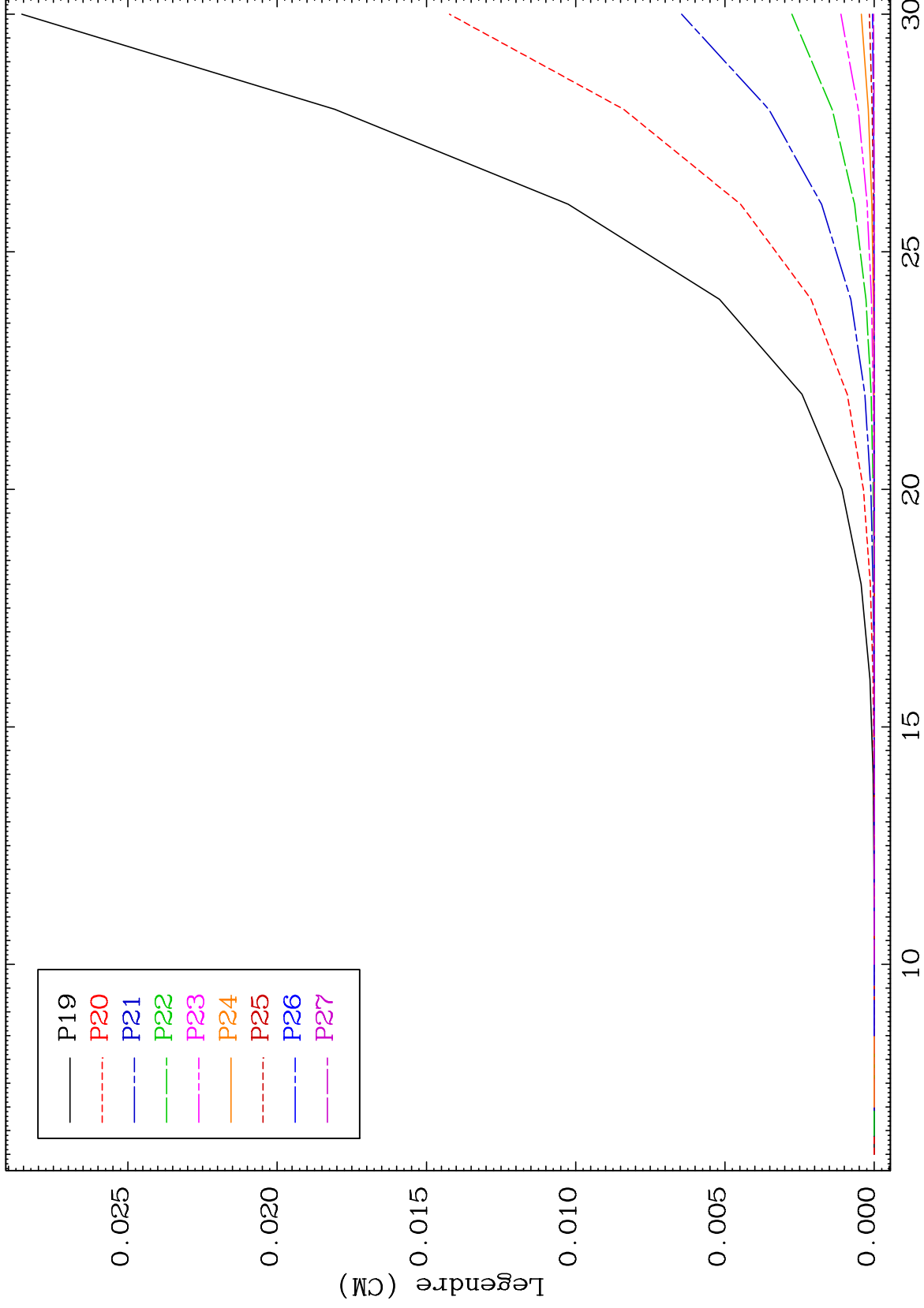
Incident Energy (MeV)

72-Hf-183

MAT 7252

Elastic Legendre Coefficients

72-Hf-183



19

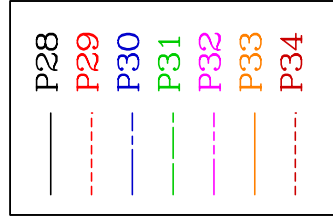
Incident Energy (MeV)

72-Hf-183

MAT 7252

Elastic  
Legendre Coefficients

72-Hf-183



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

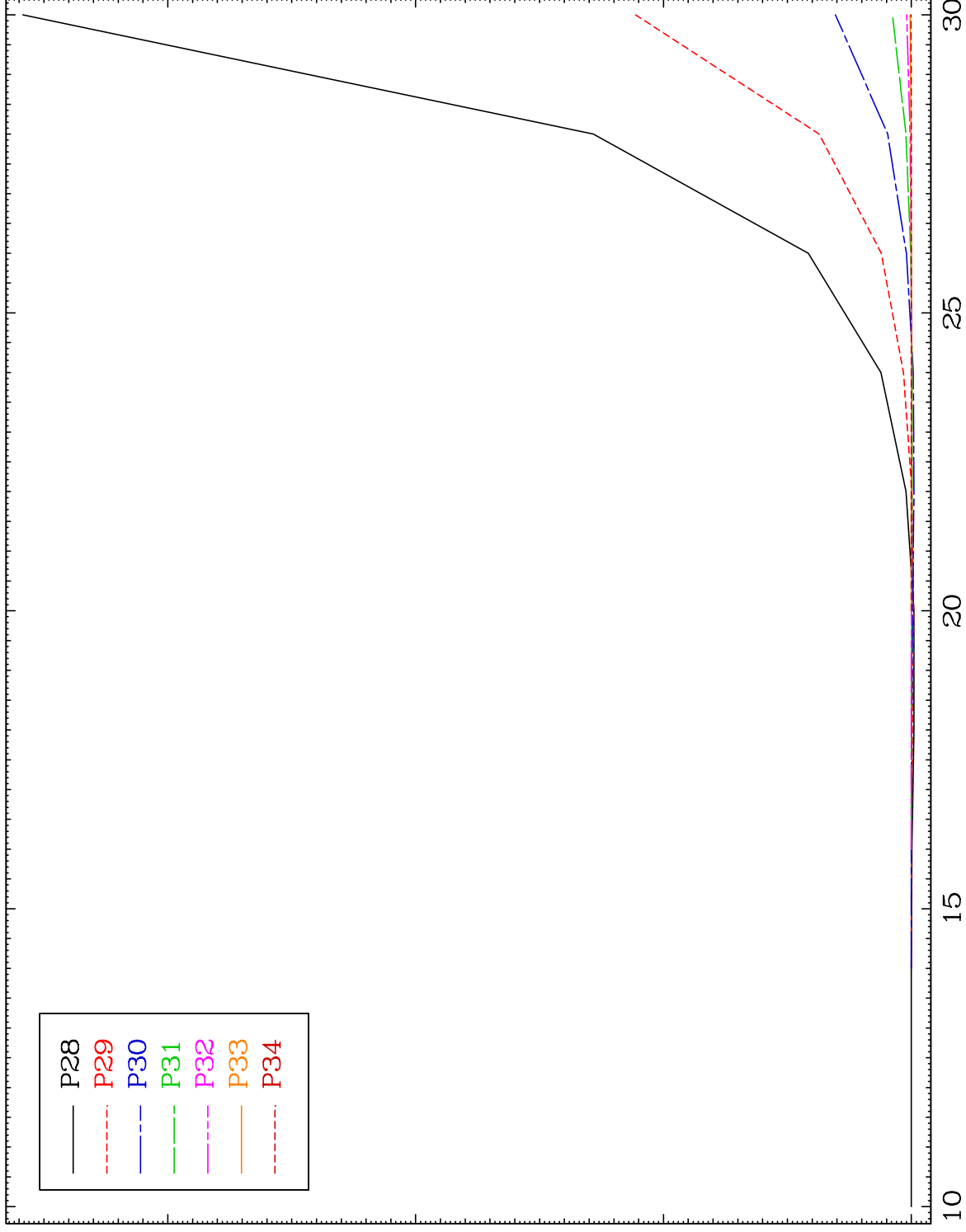
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30

20

Incident Energy (MeV)

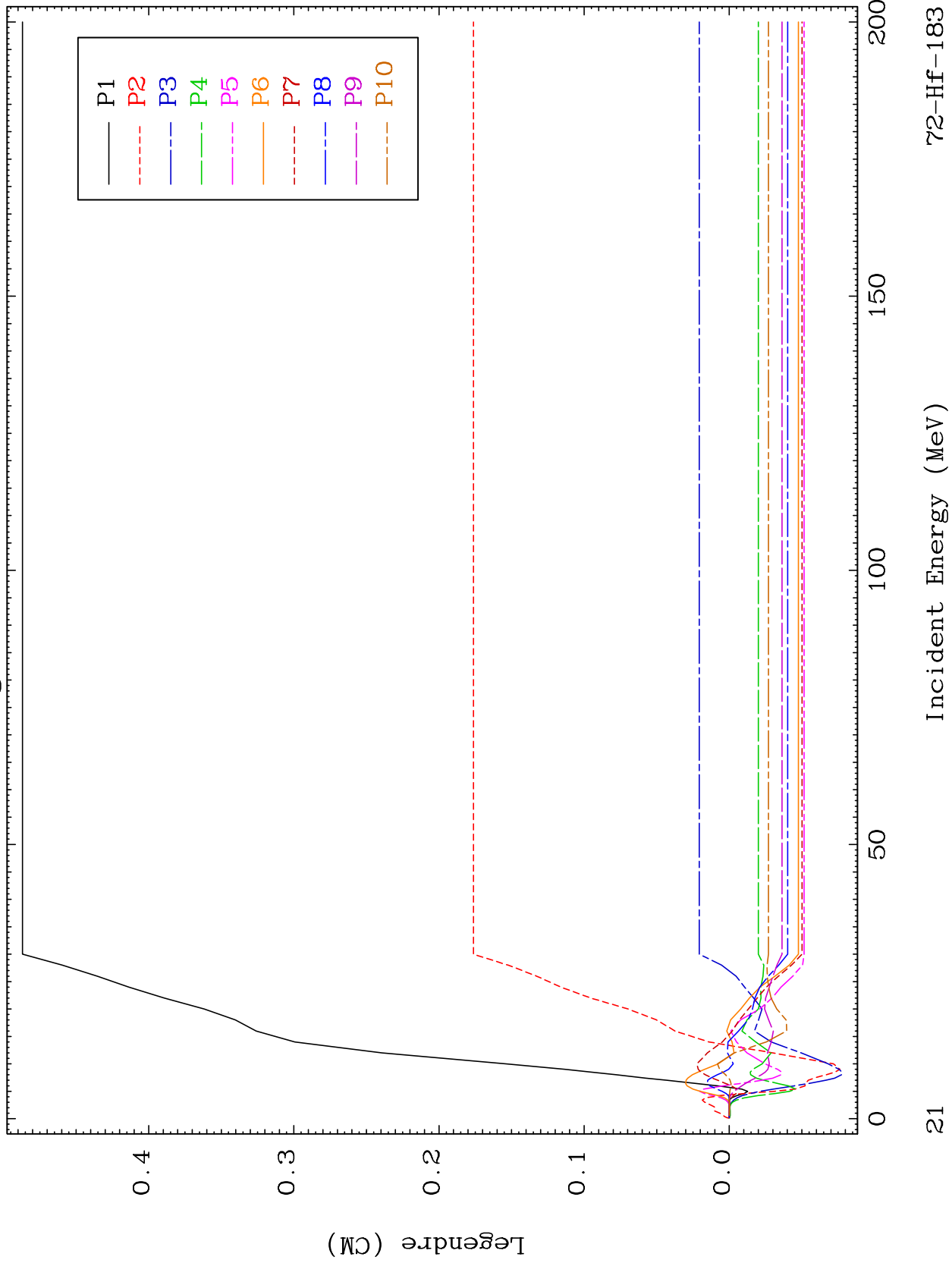
72-Hf-183



MAT 7252

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

72-Hf-183

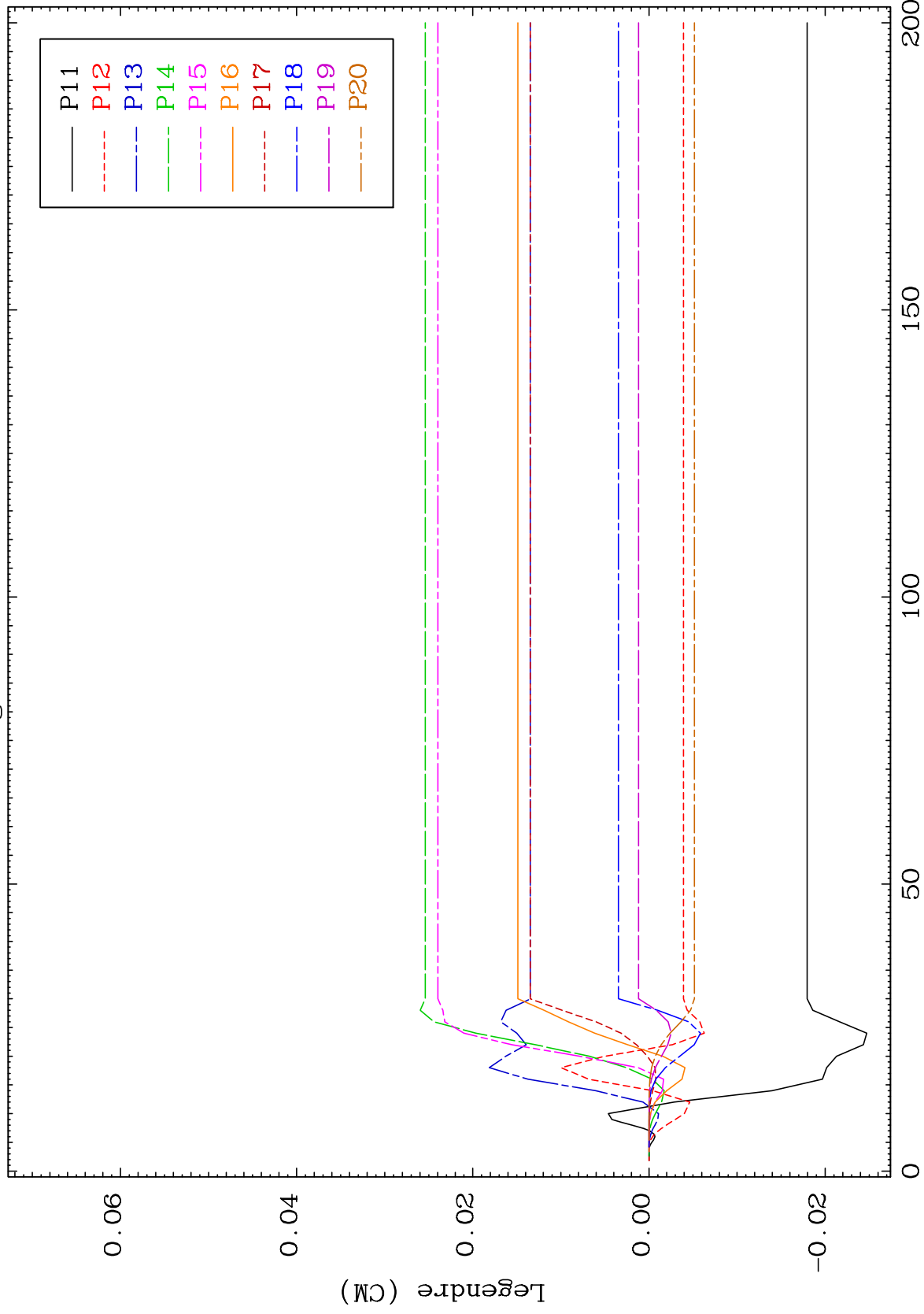


21

MAT 7252

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

72-Hf-183



22

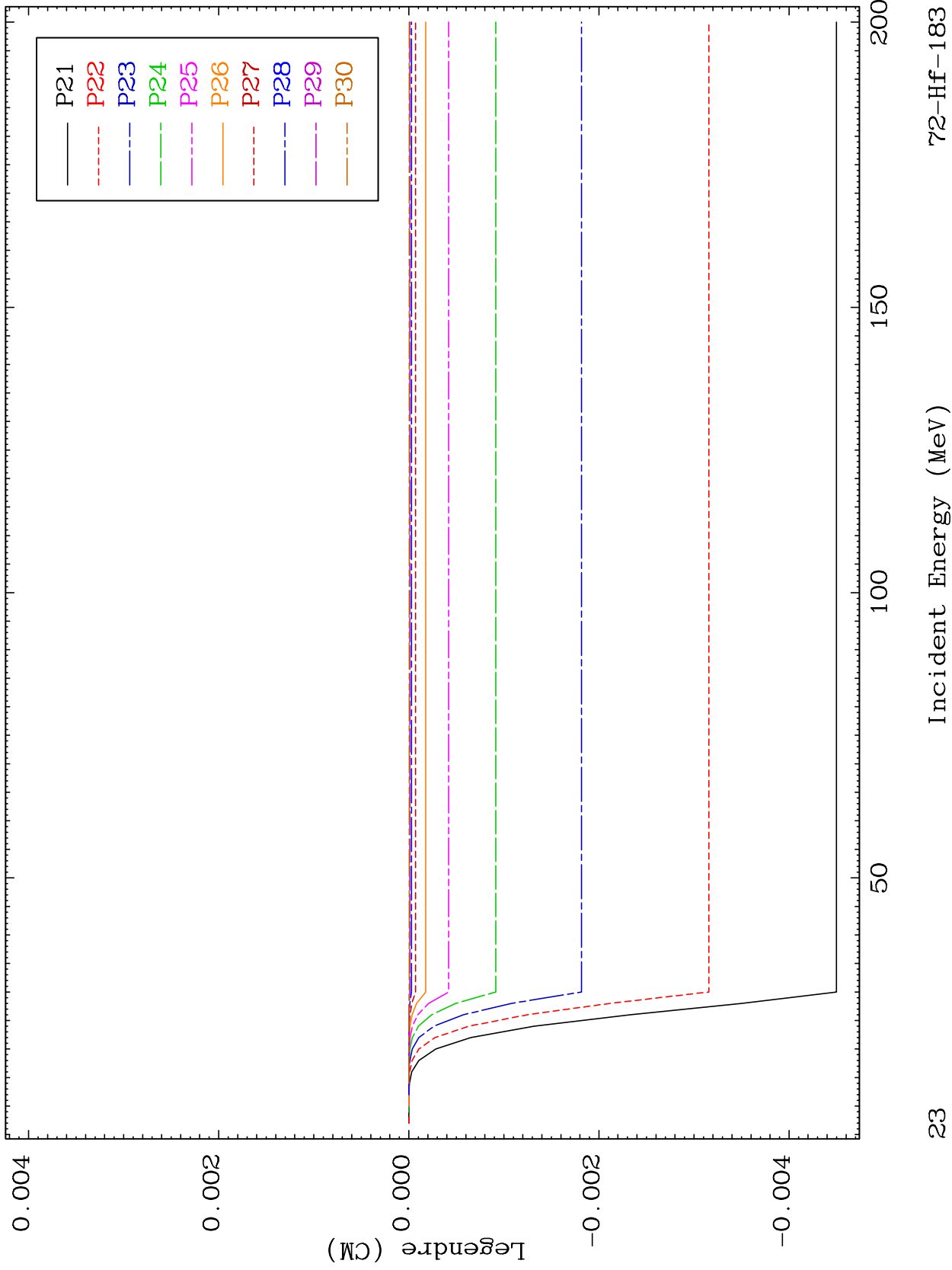
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183

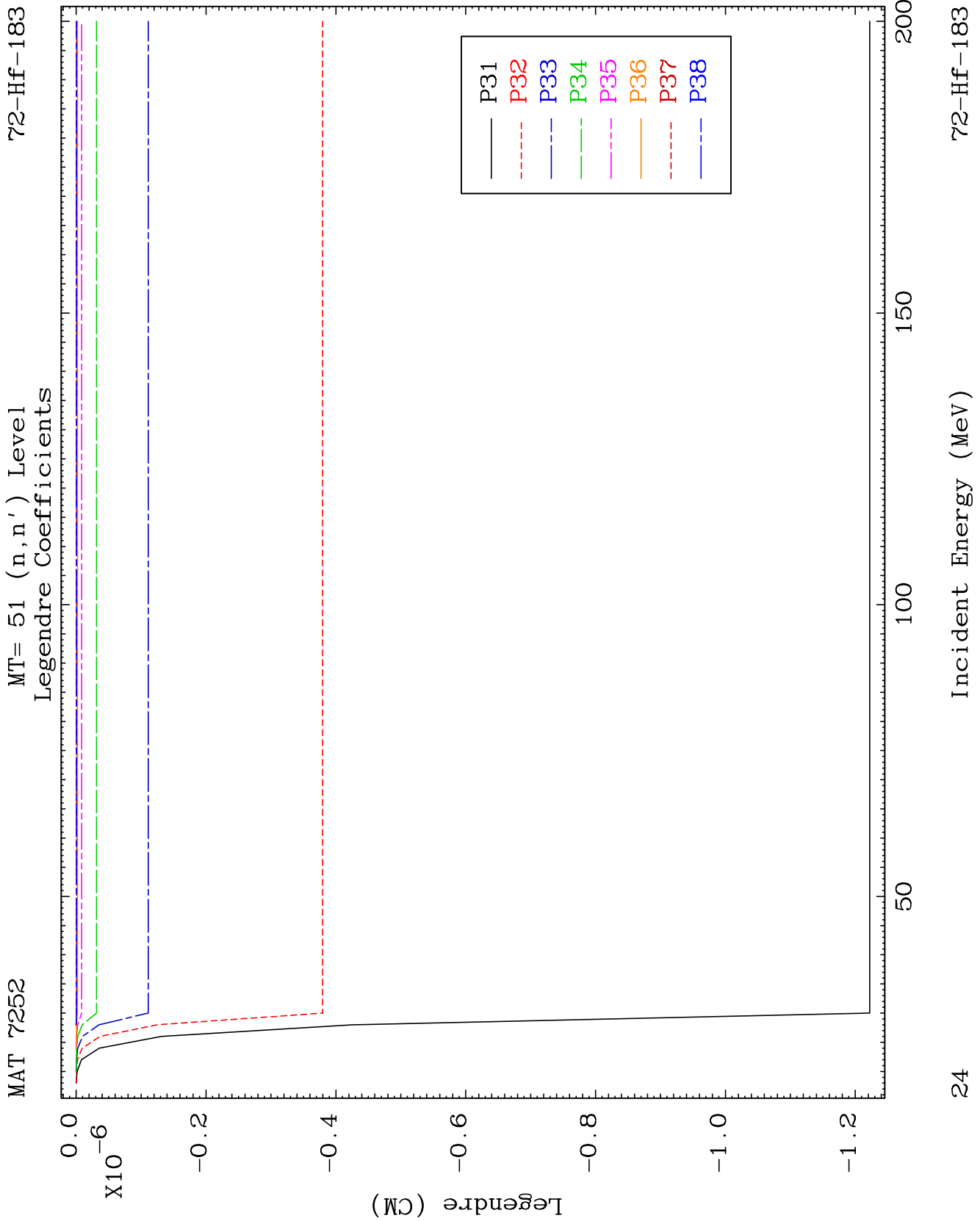


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Incident Energy (MeV)

72-Hf-183

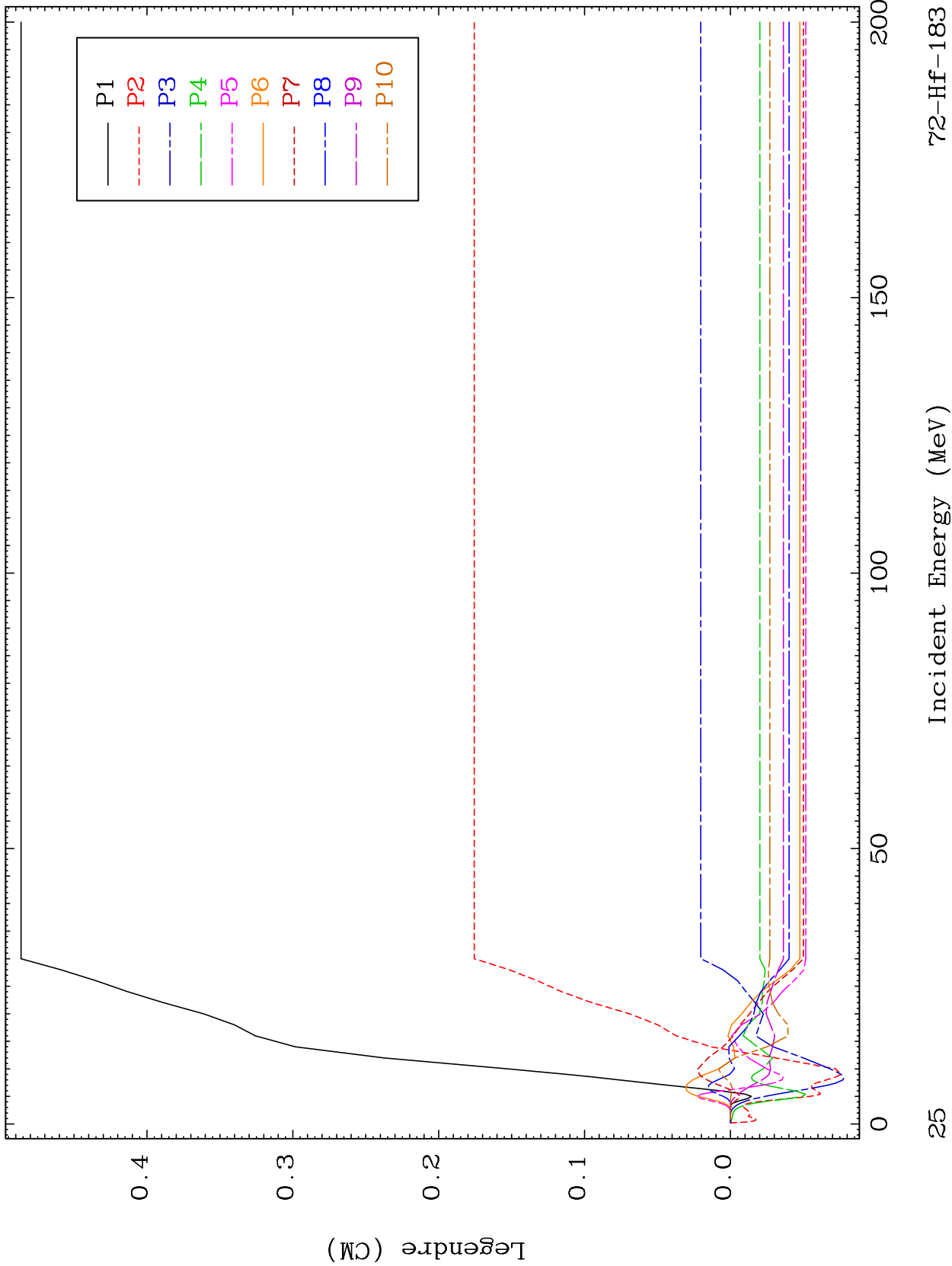




MAT 7252

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

72-Hf-183



72-Hf-183

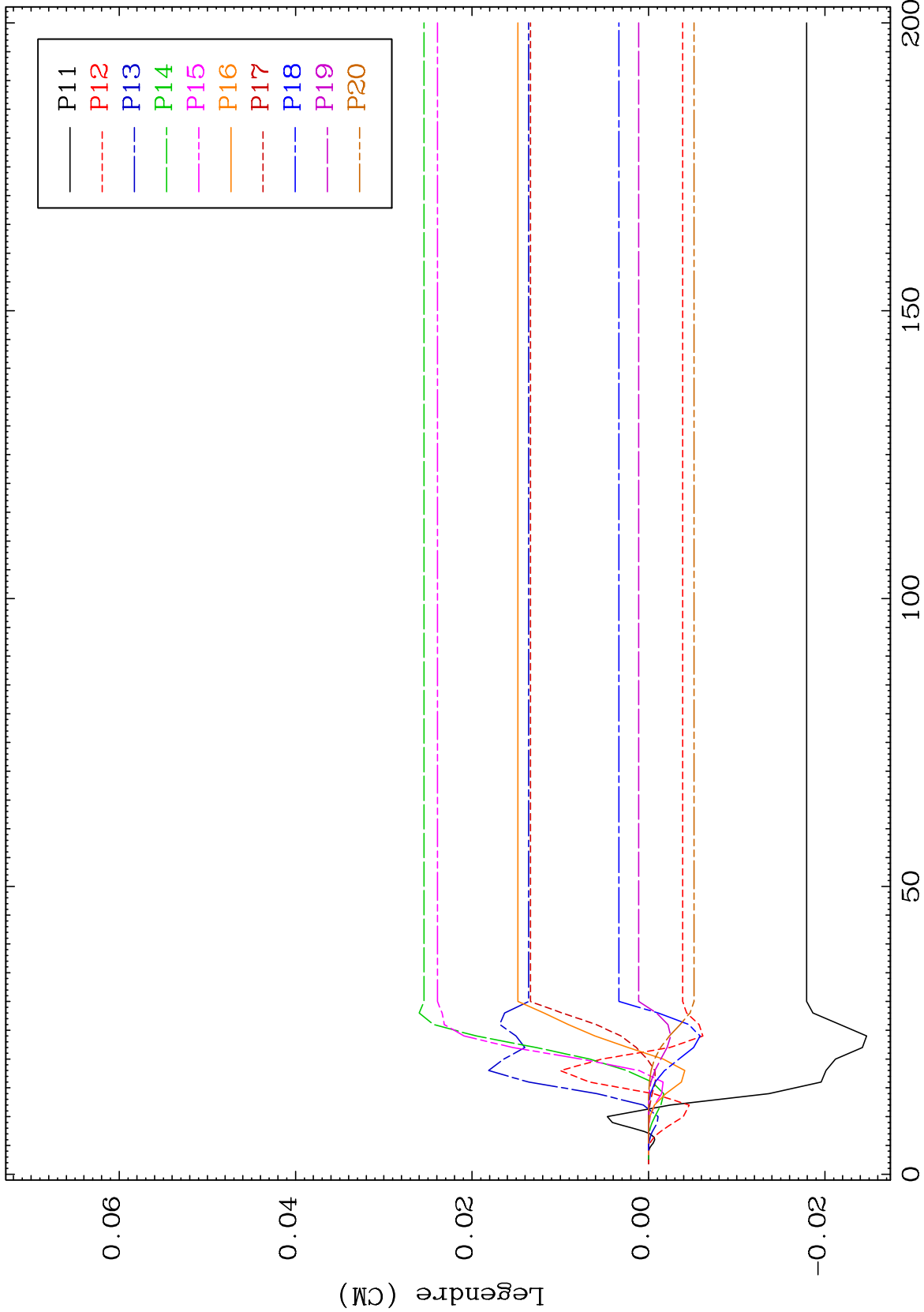
Incident Energy (MeV)

25

MAT 7252

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

72-Hf-183



26

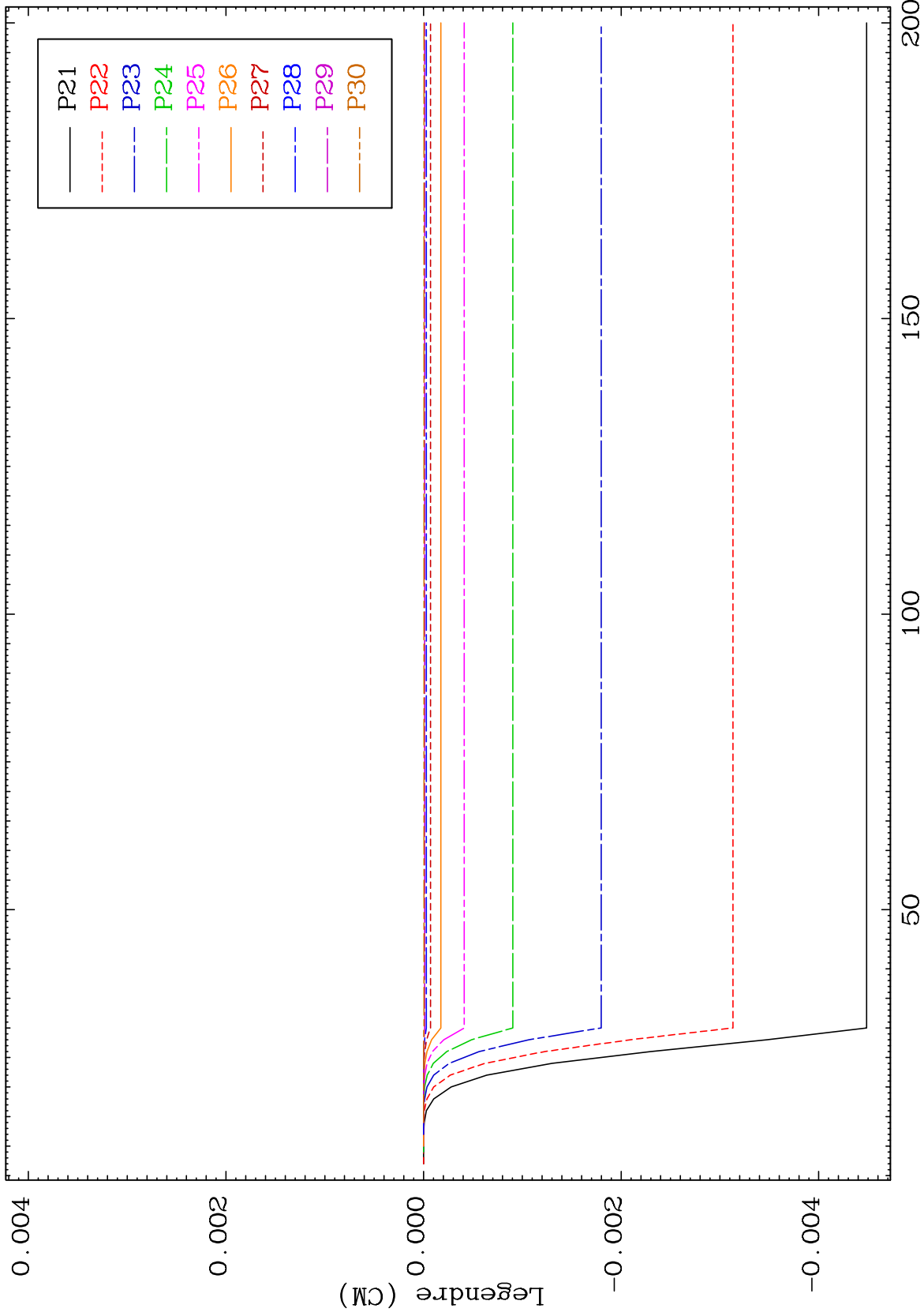
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

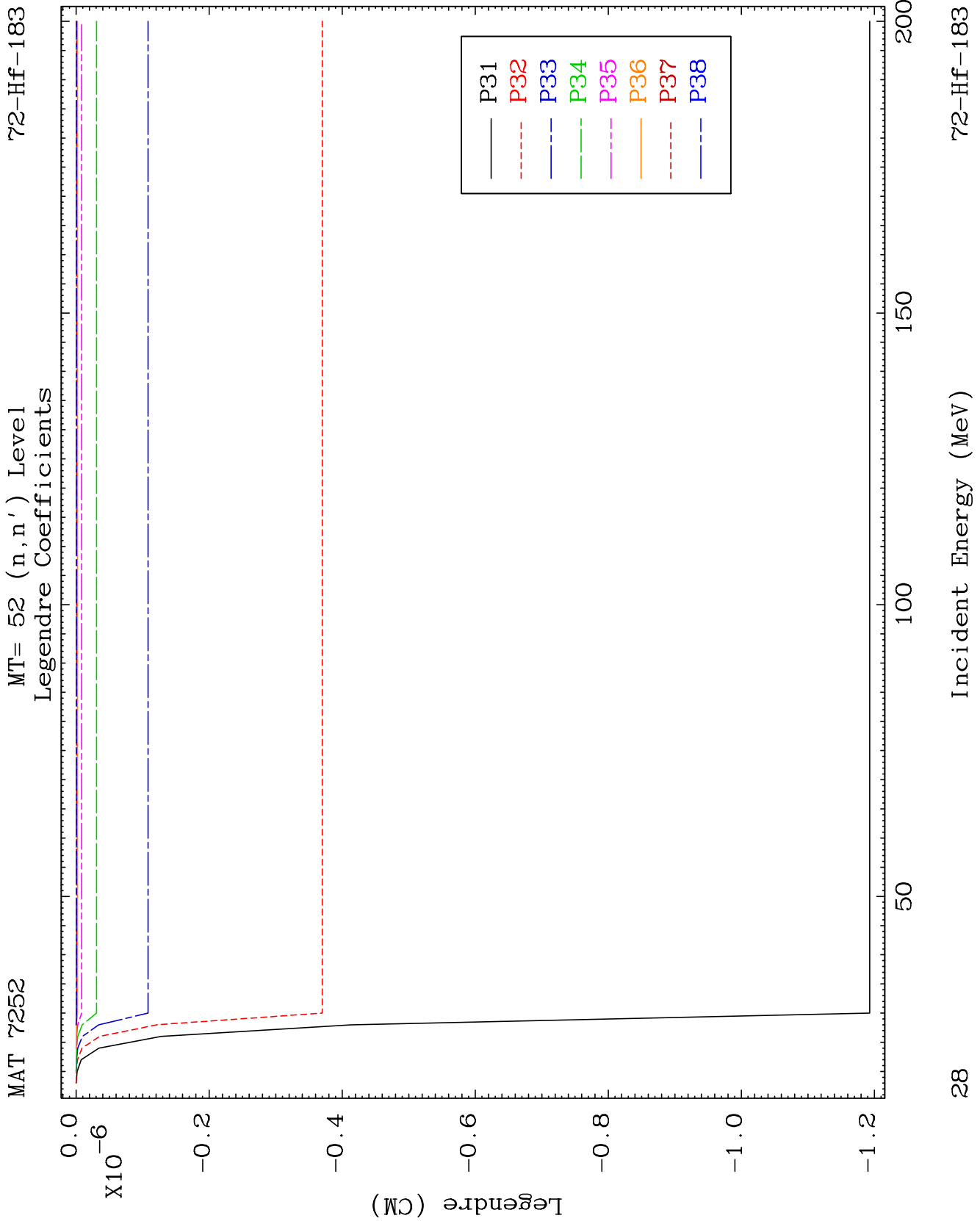
72-Hf-183



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Incident Energy (MeV)

72-Hf-183

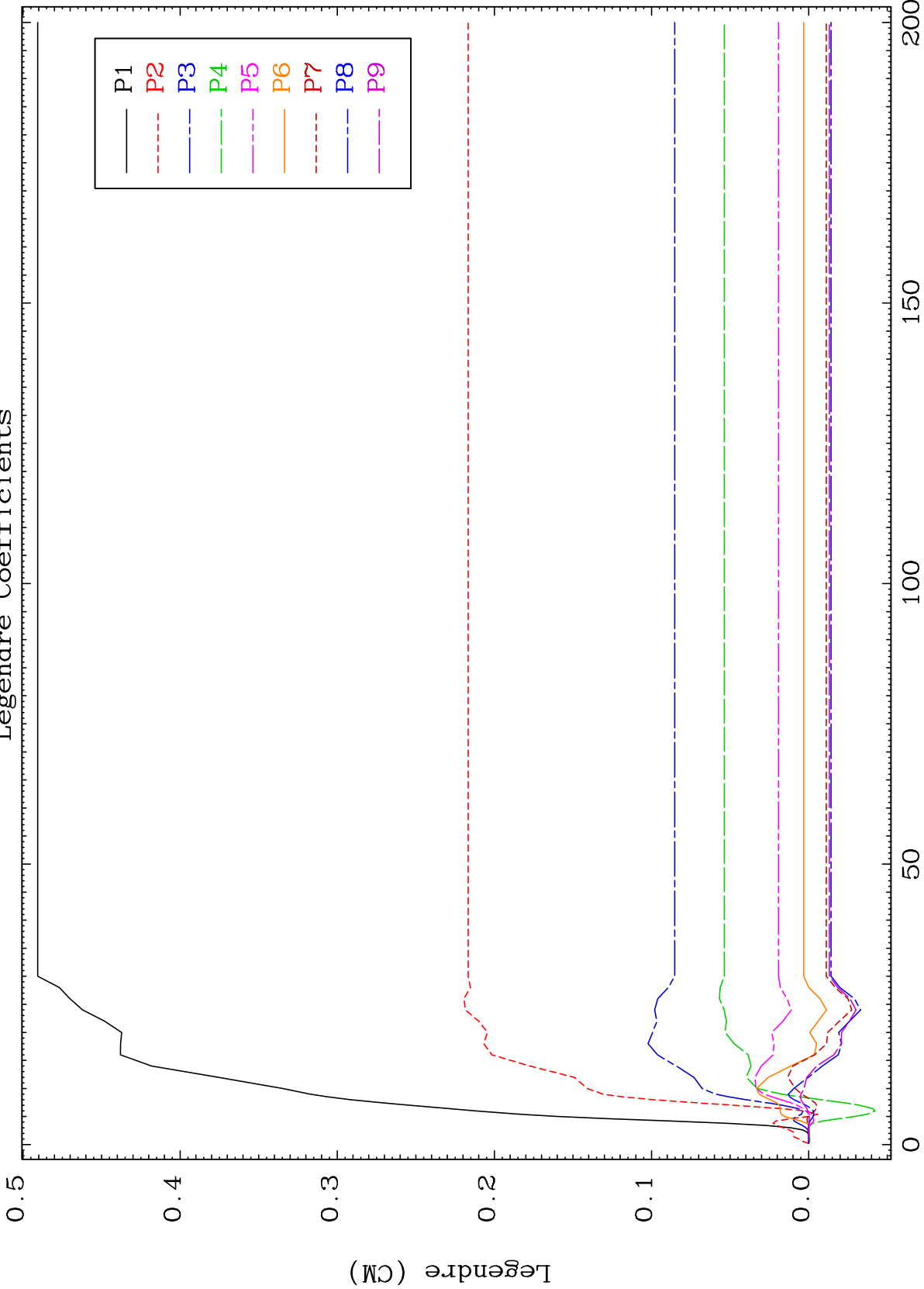


MAT 7252

MT= 53 (n,n') Level

72-Hf-183

Legendre Coefficients



29

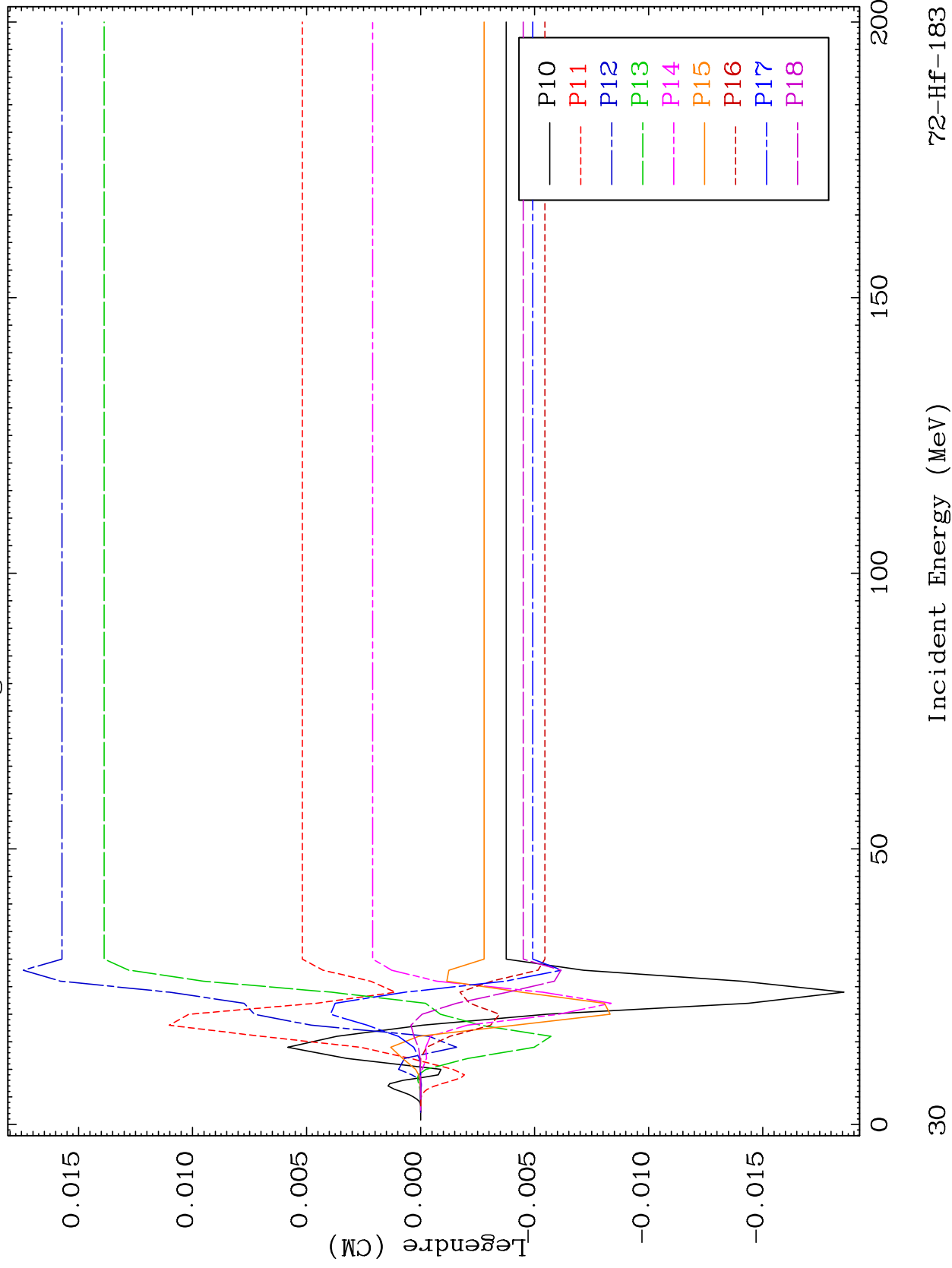
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

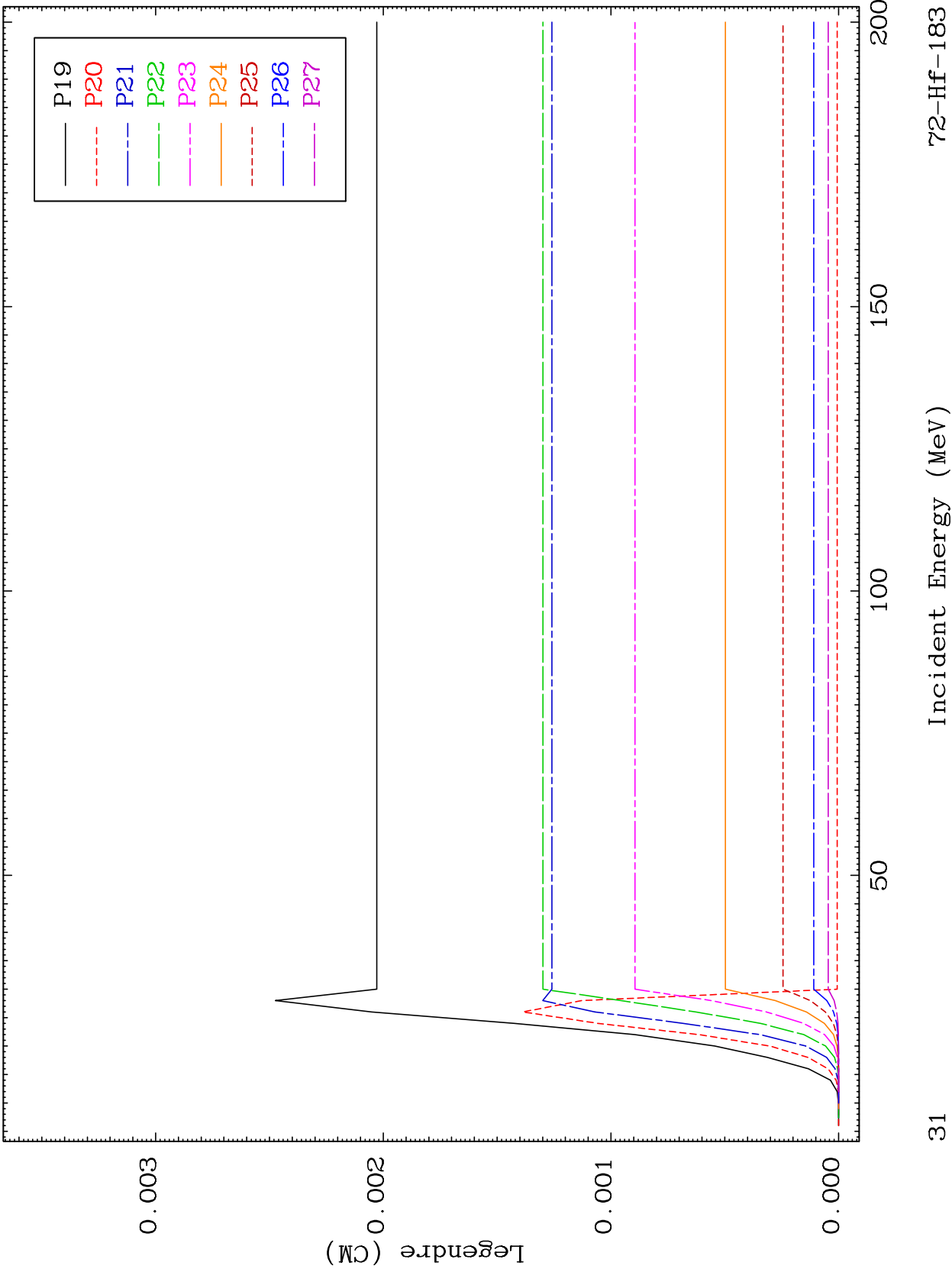
72-Hf-183



72-Hf-183

Incident Energy (MeV)

30

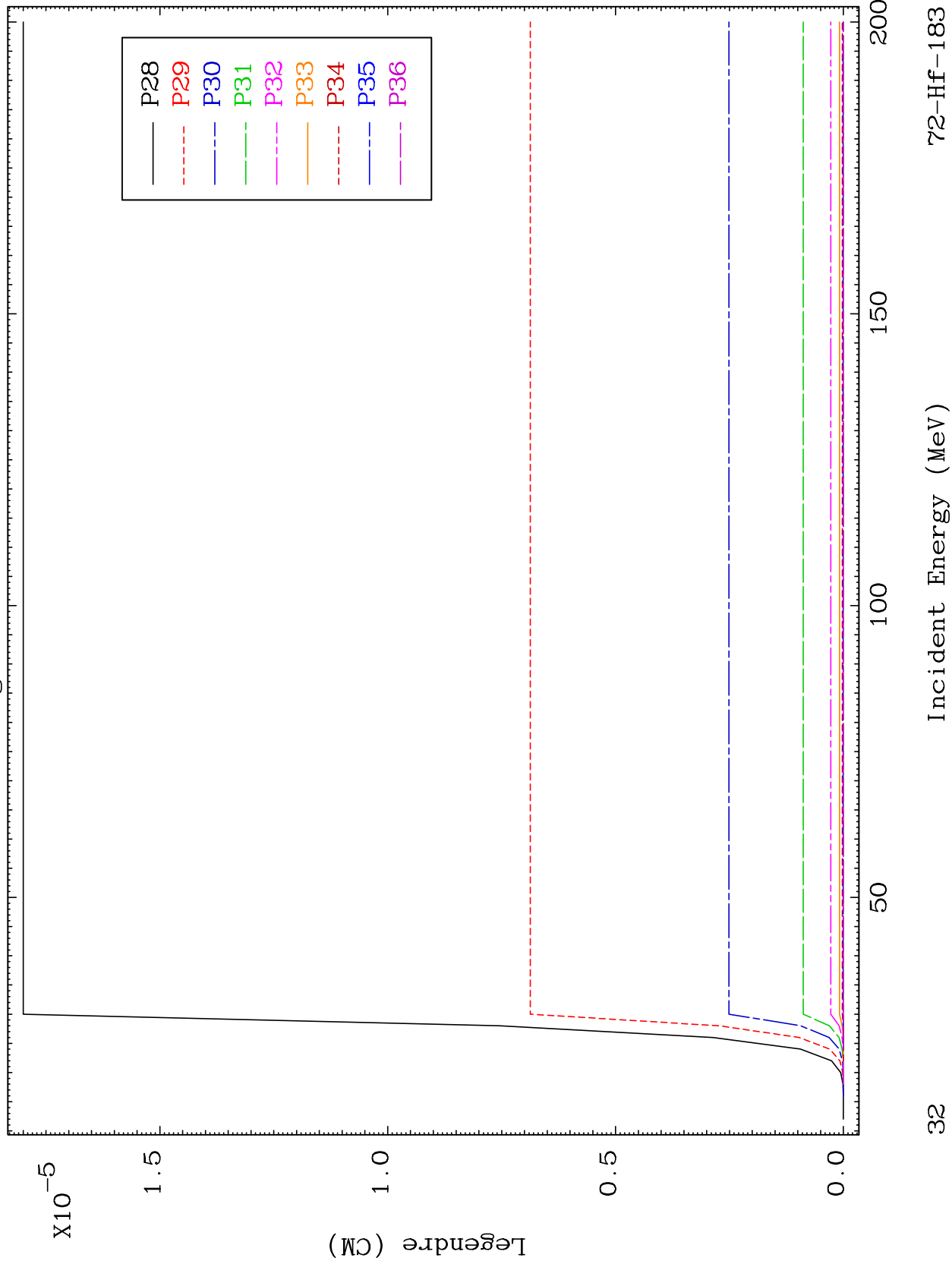




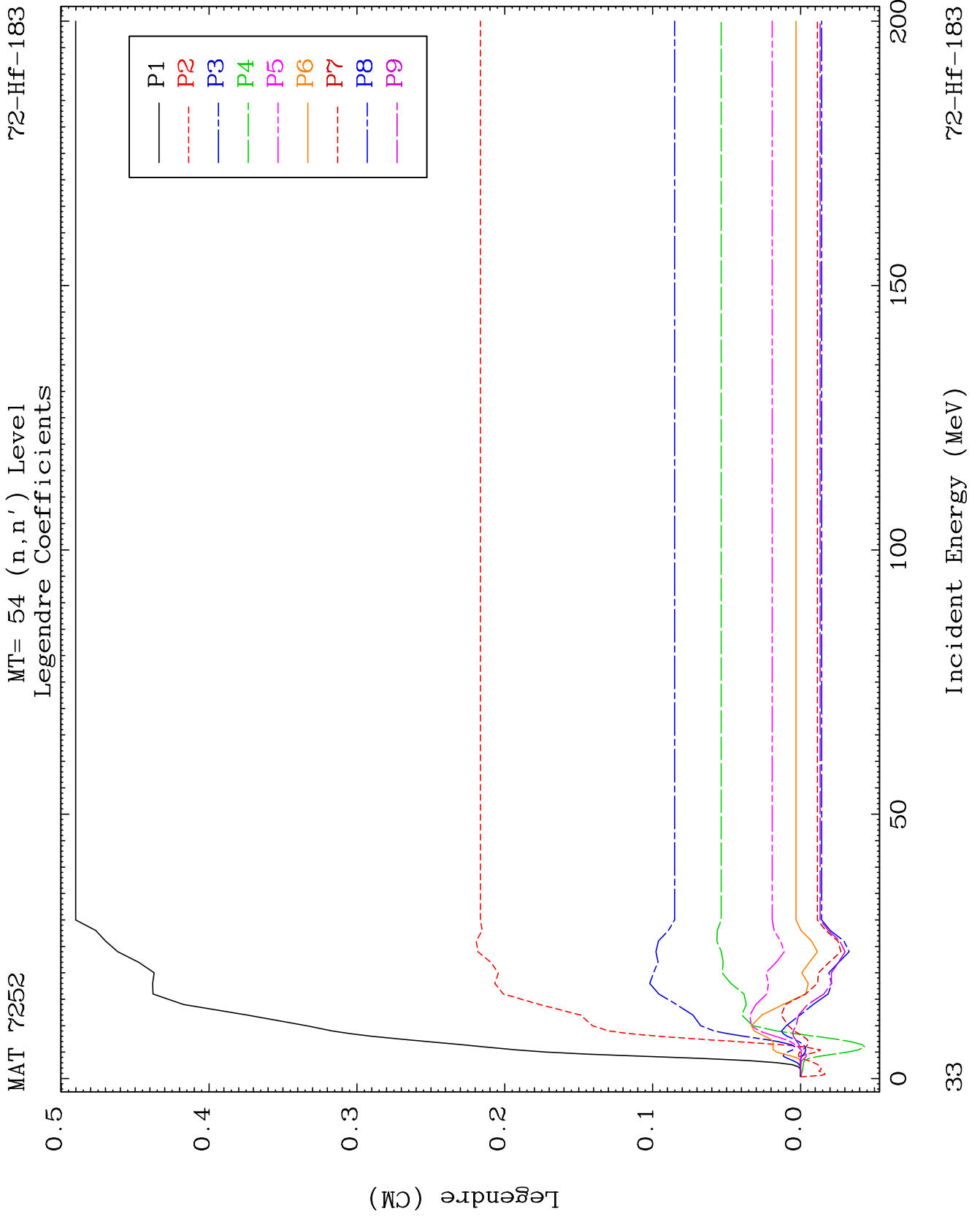
MAT 7252

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

72-Hf-183



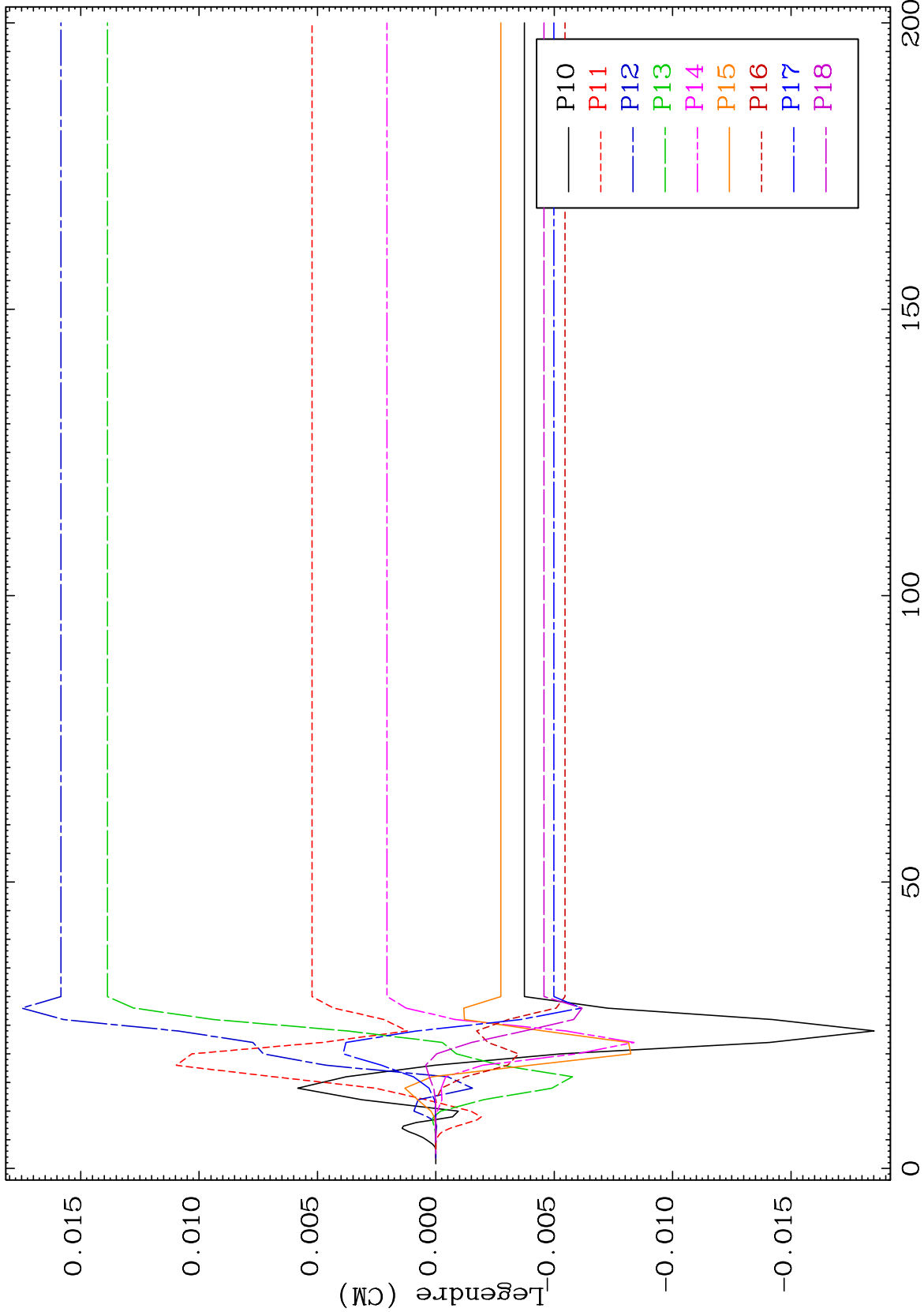
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MAT 7252

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

72-Hf-183



34

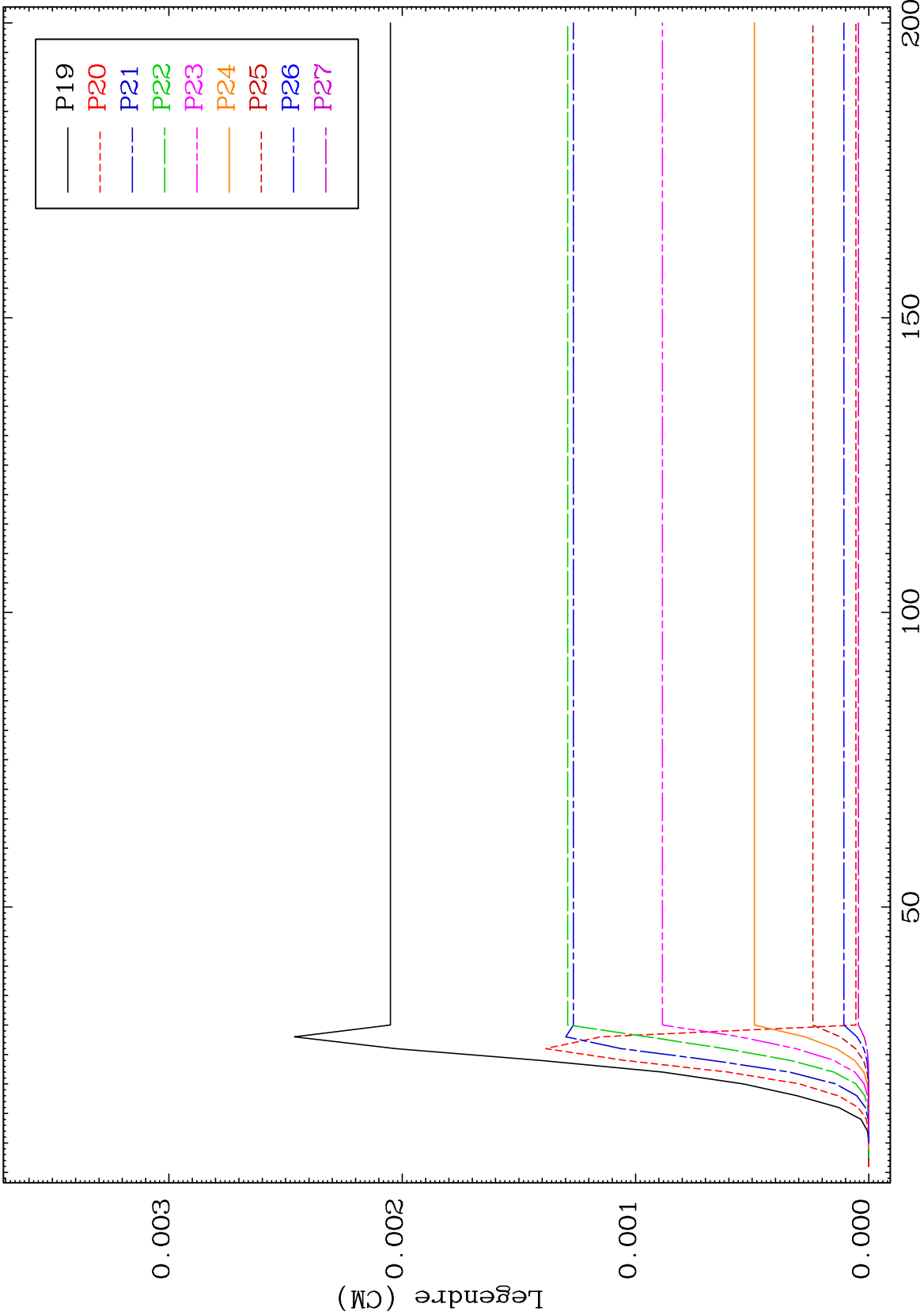
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



35

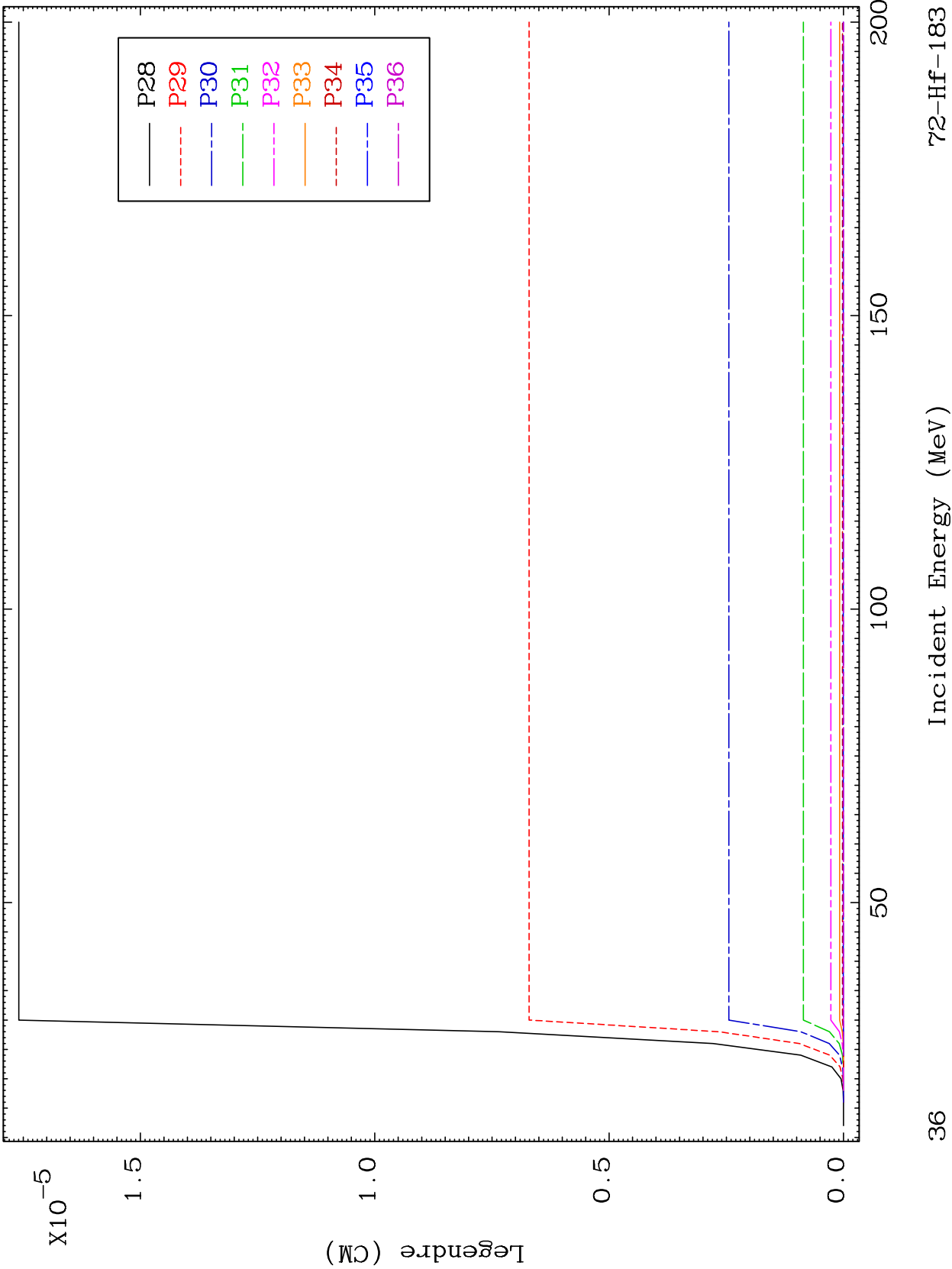
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

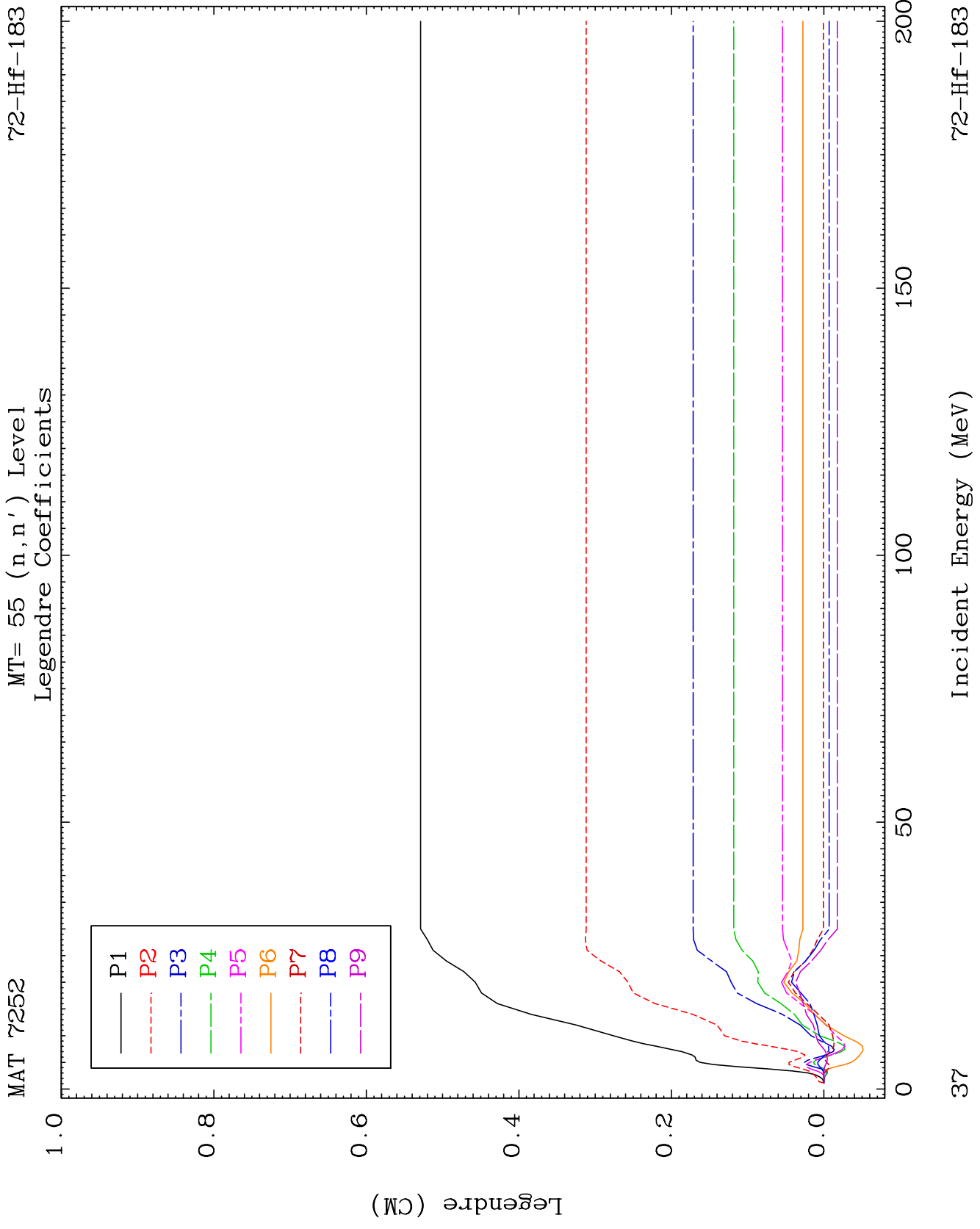
72-Hf-183



36

Incident Energy (MeV)

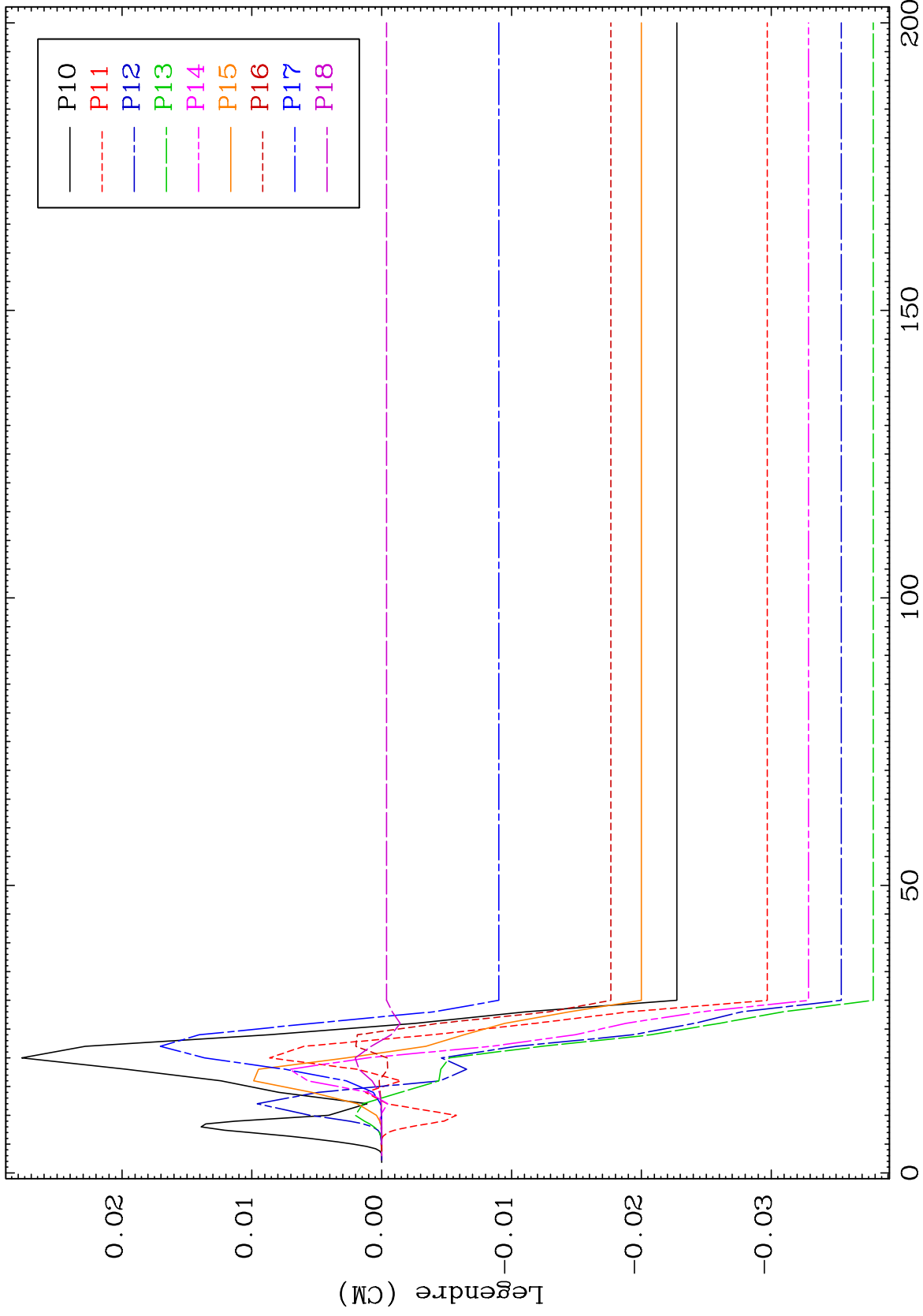
72-Hf-183



MAT 7252

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

72-Hf-183



38

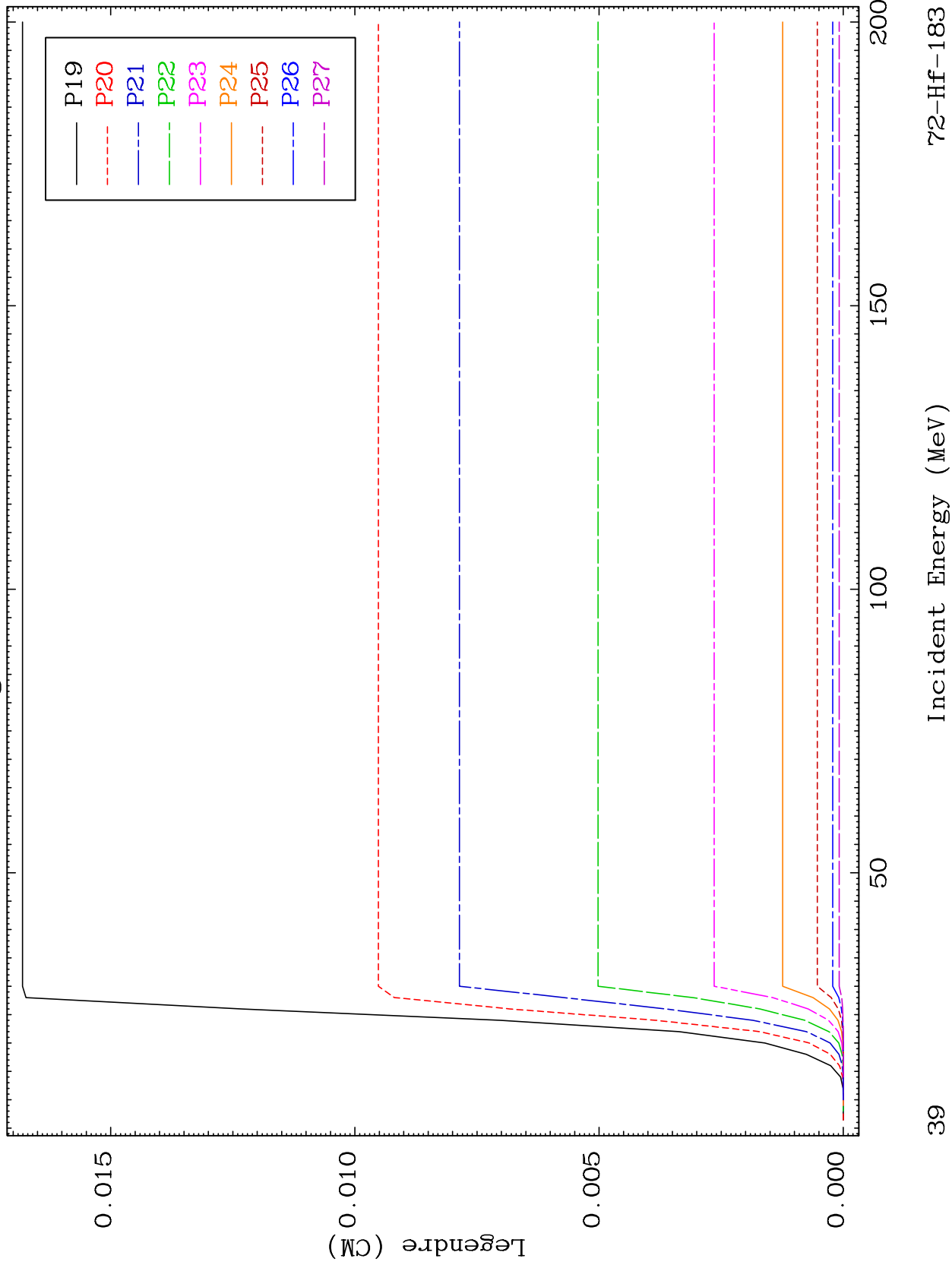
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



39

Incident Energy (MeV)

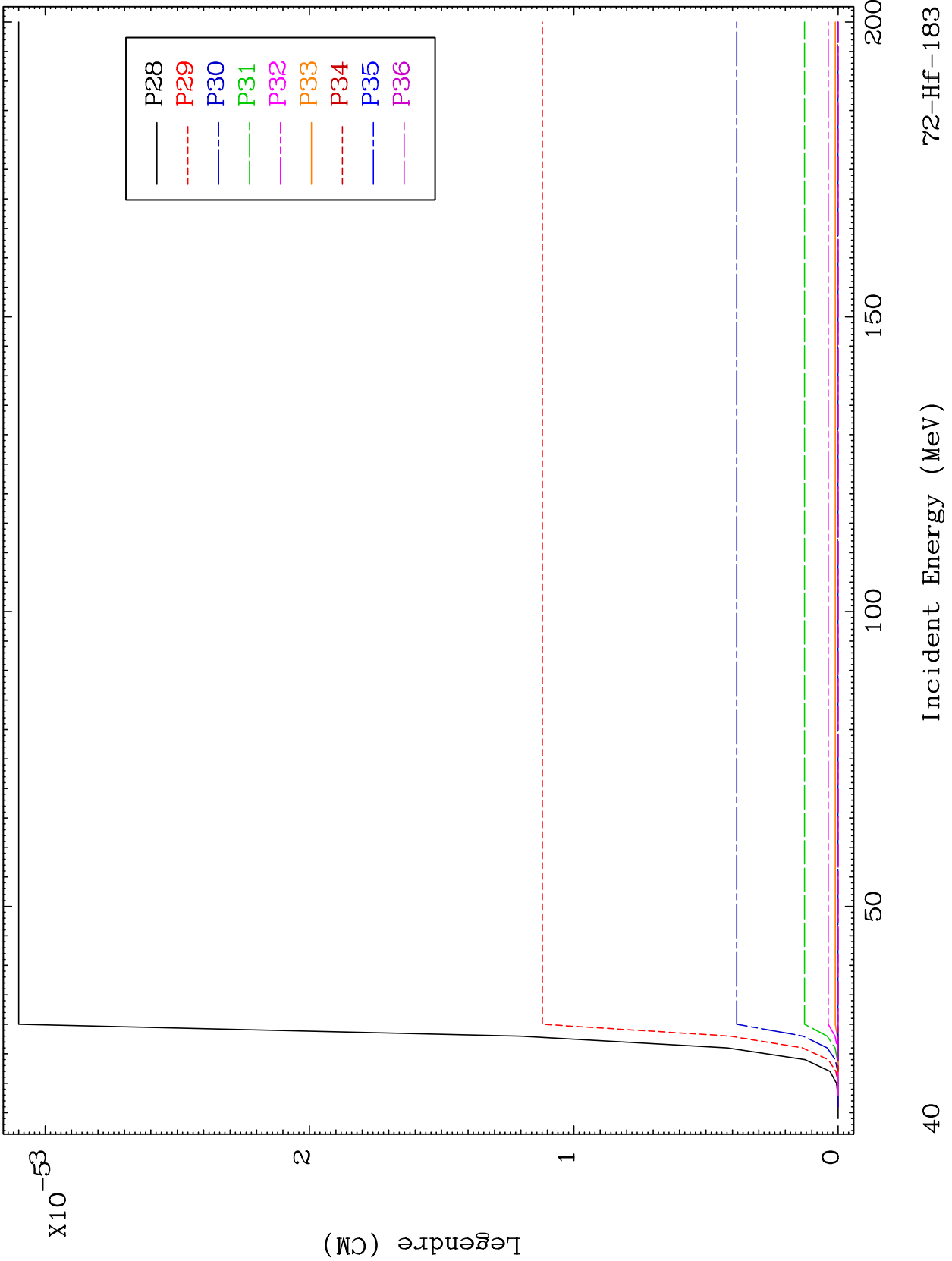
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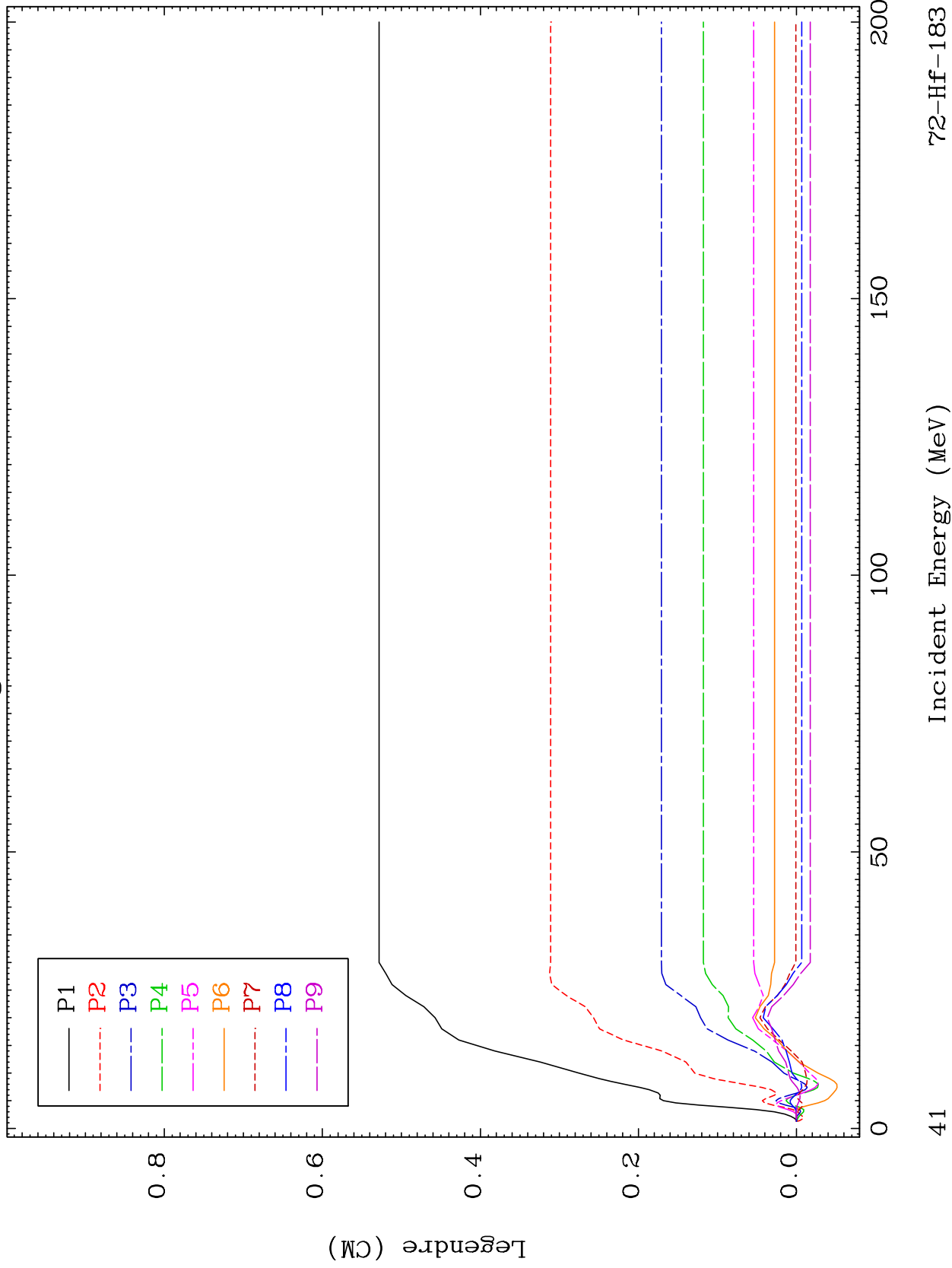
MAT 7252

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

72-Hf-183



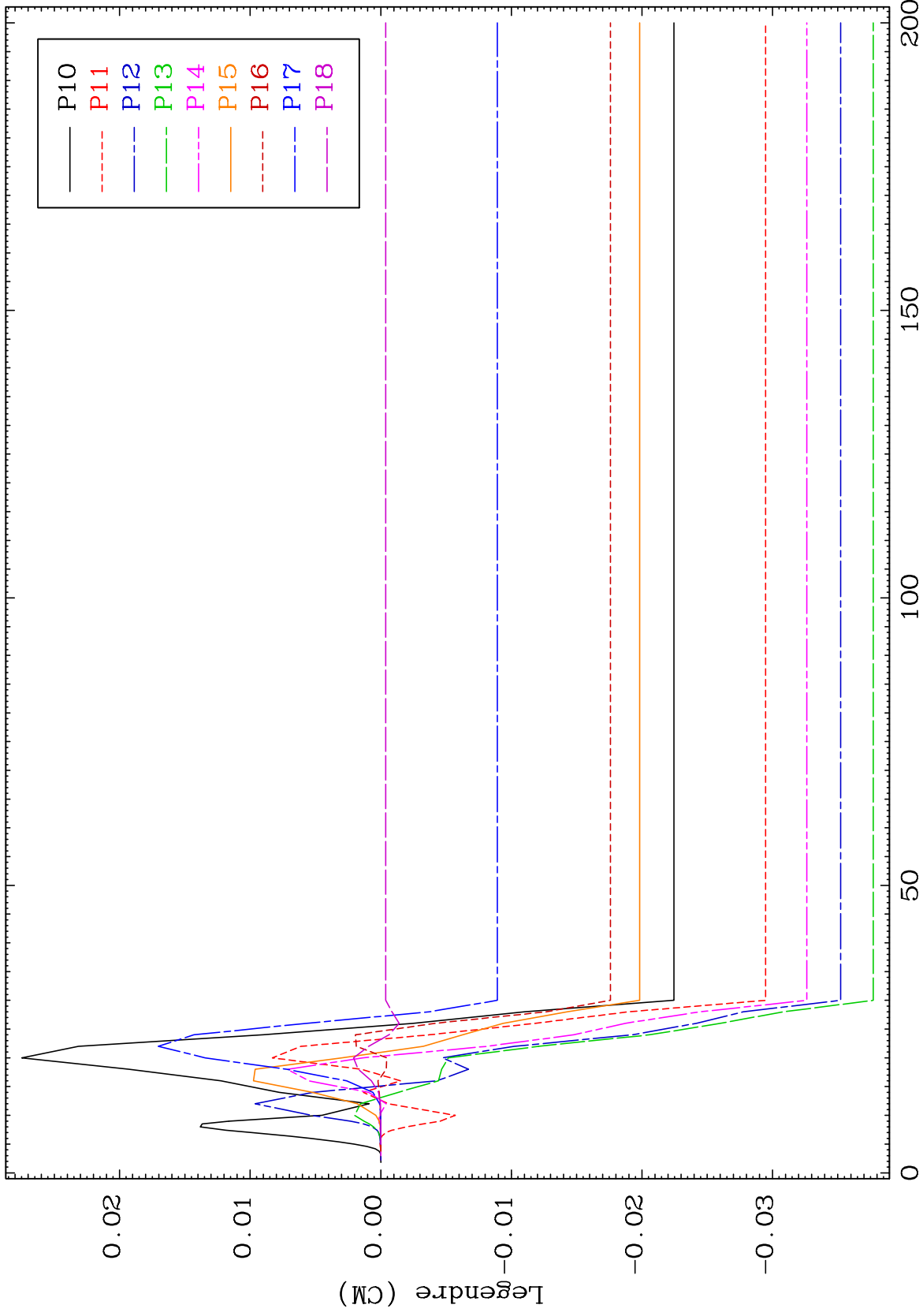
72-Hf-183



MAT 7252

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

72-Hf-183



42

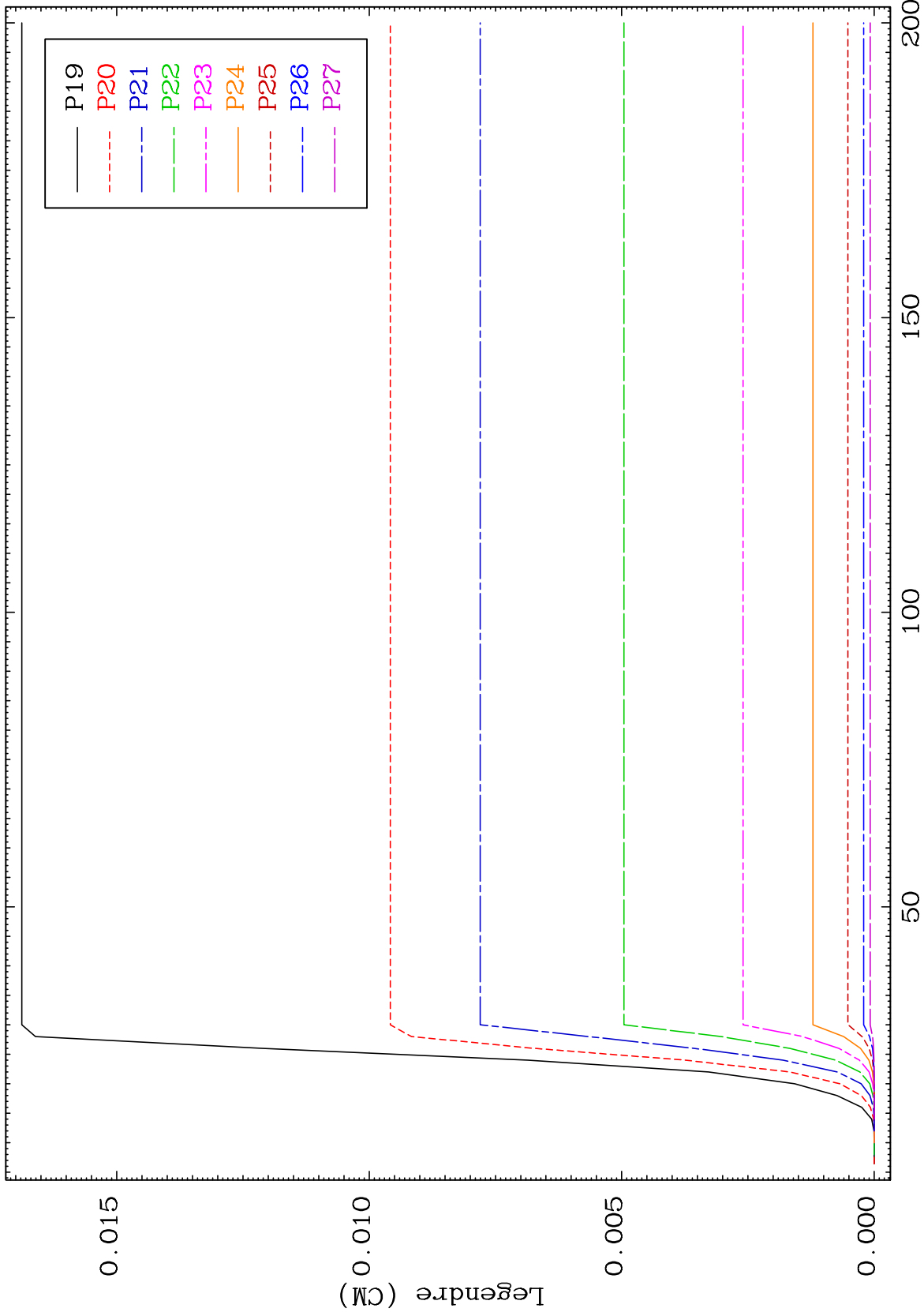
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



43

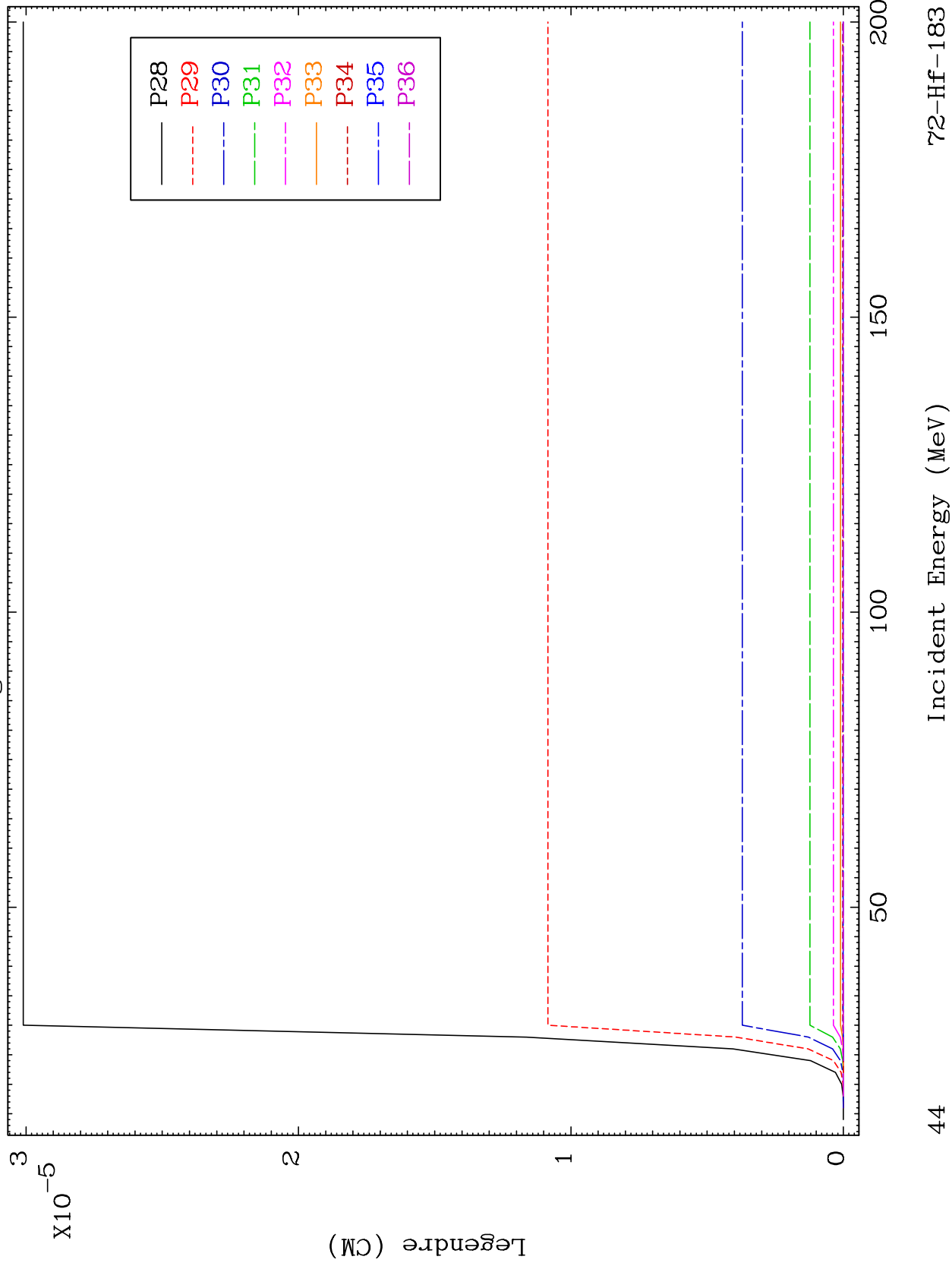
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

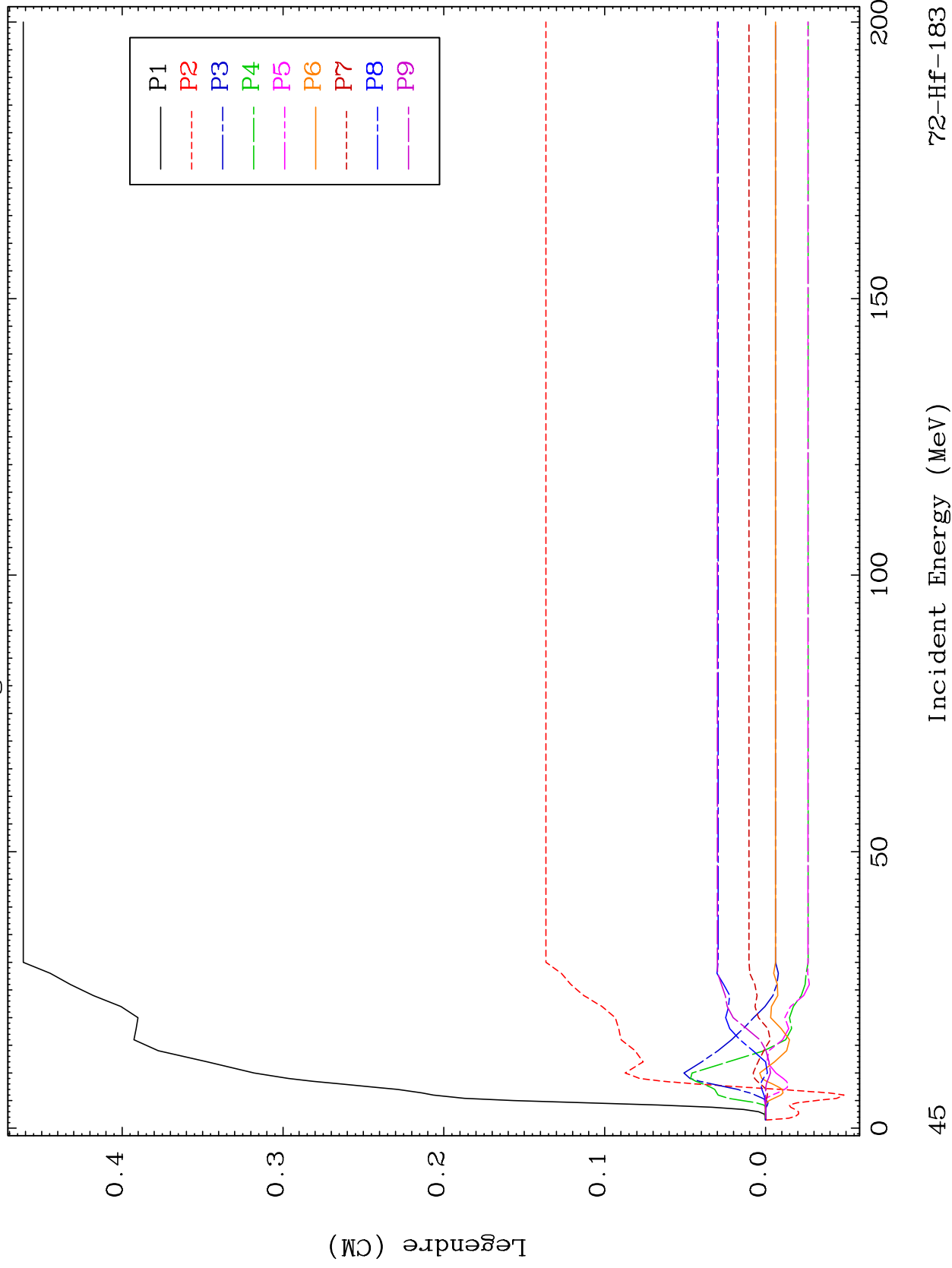
72-Hf-183



MAT 7252

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

72-Hf-183



72-Hf-183

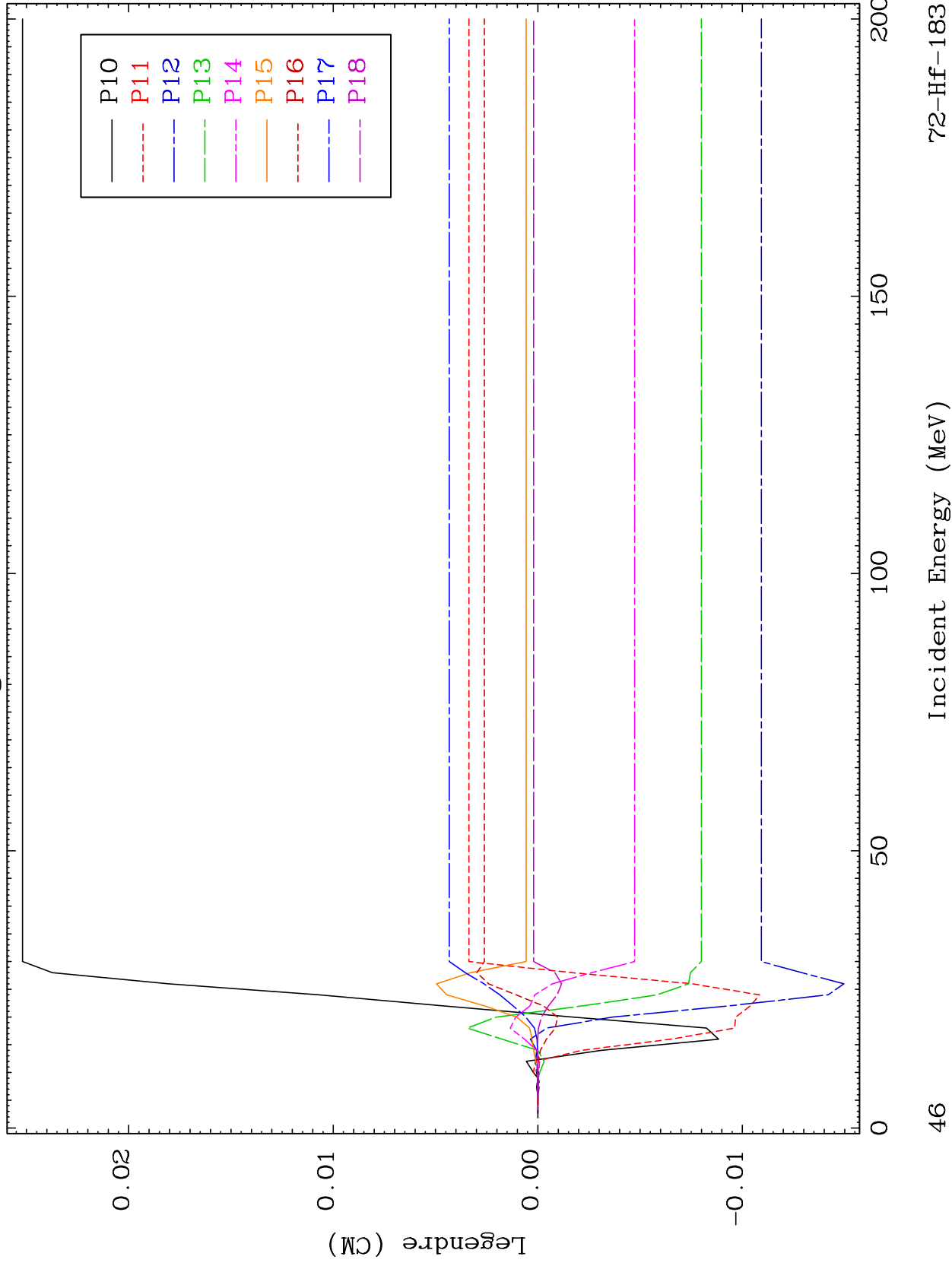
Incident Energy (MeV)

45

MAT 7252

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

72-Hf-183



46

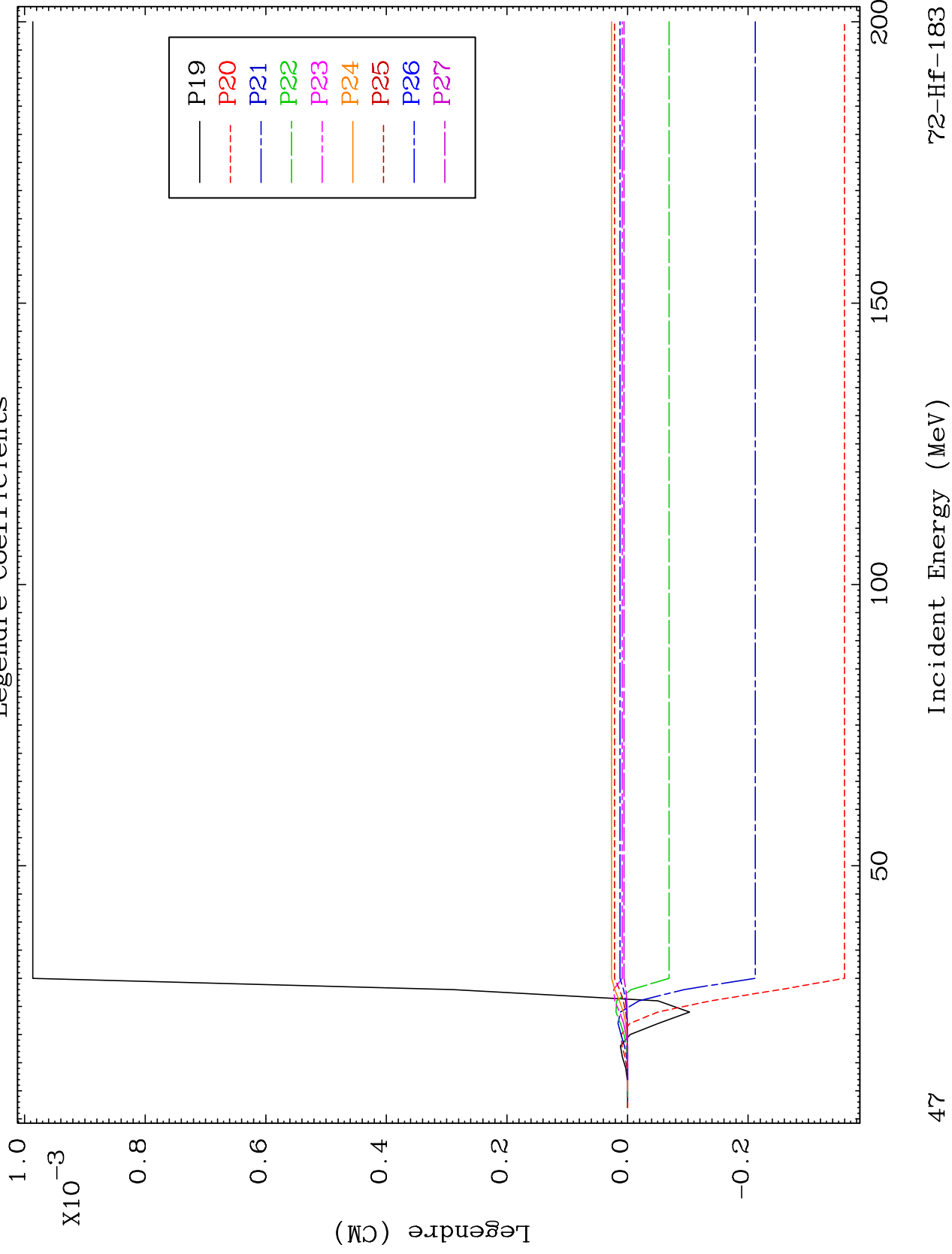
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



47

Incident Energy (MeV)

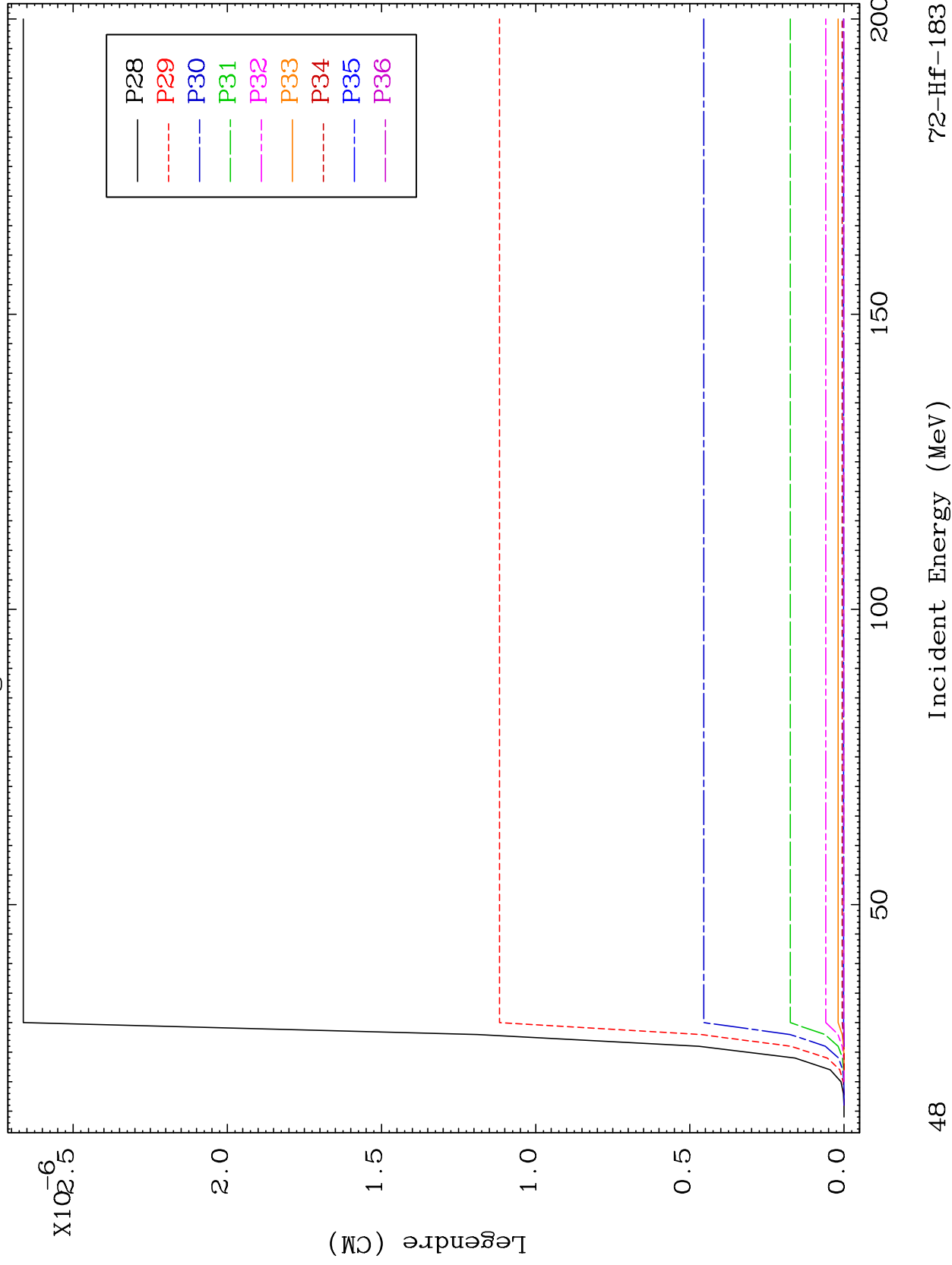
72-Hf-183



MAT 7252

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

72-Hf-183



48

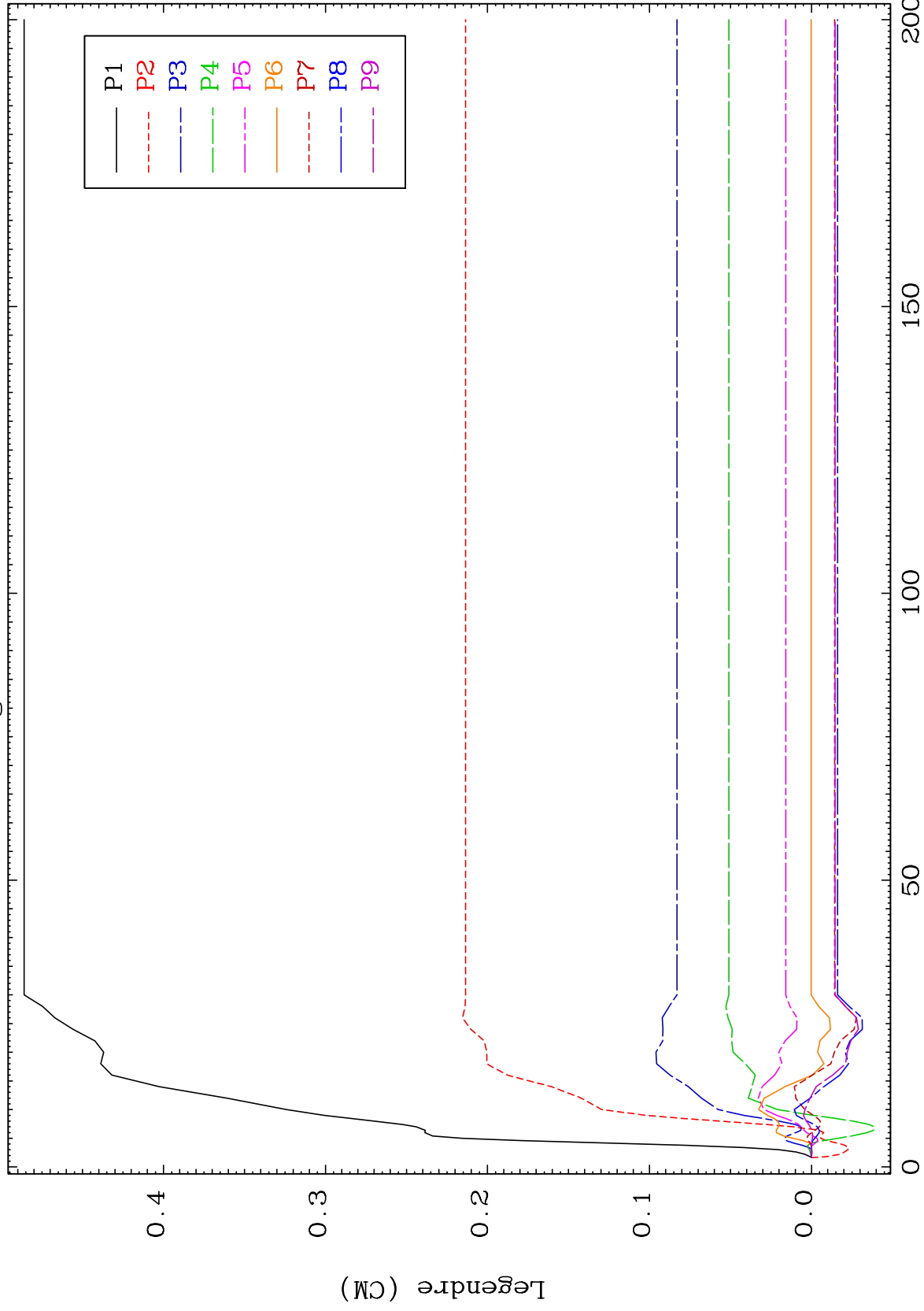
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



49

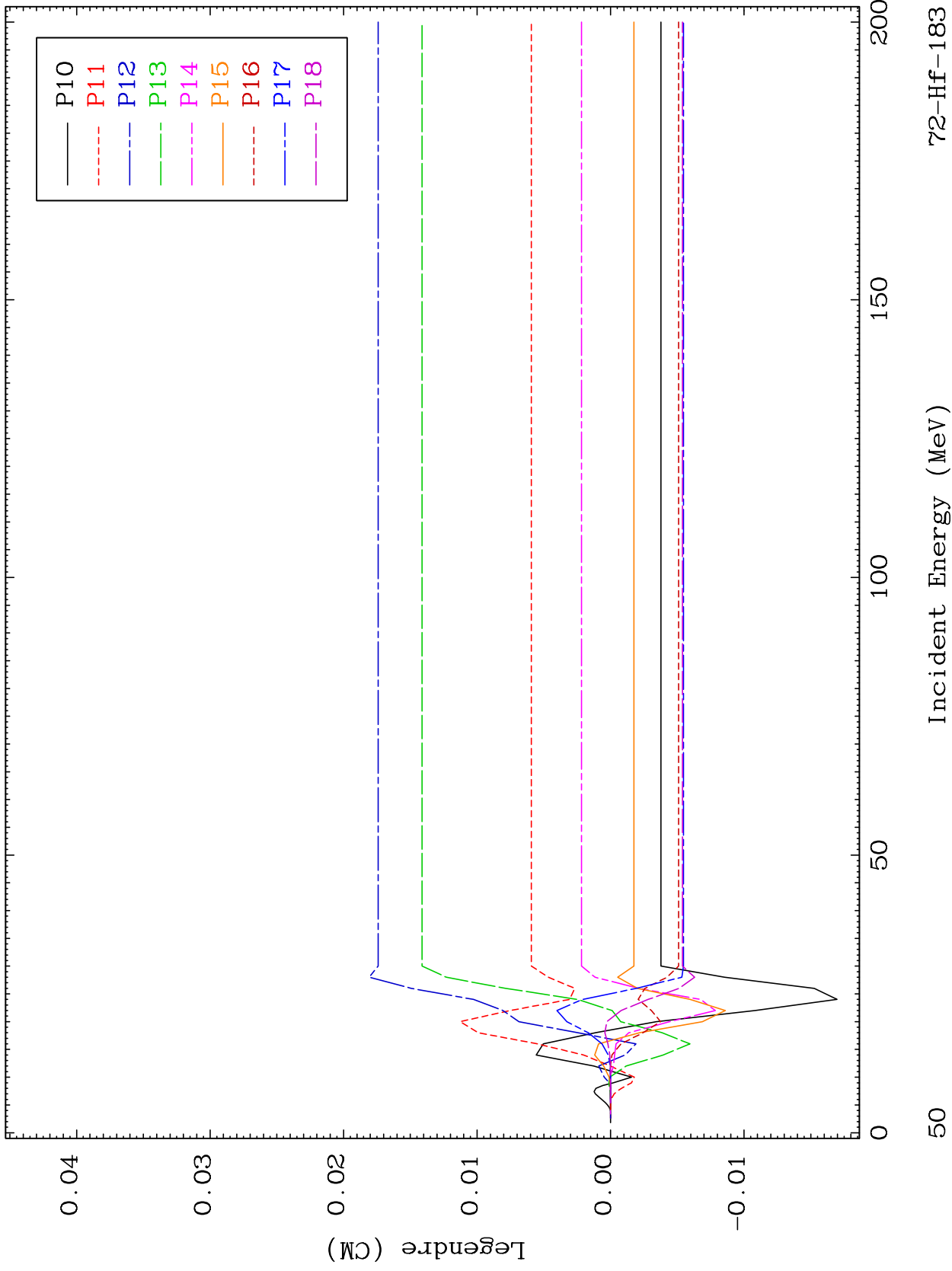
Incident Energy (MeV)

72-Hf-183

MAT 7252

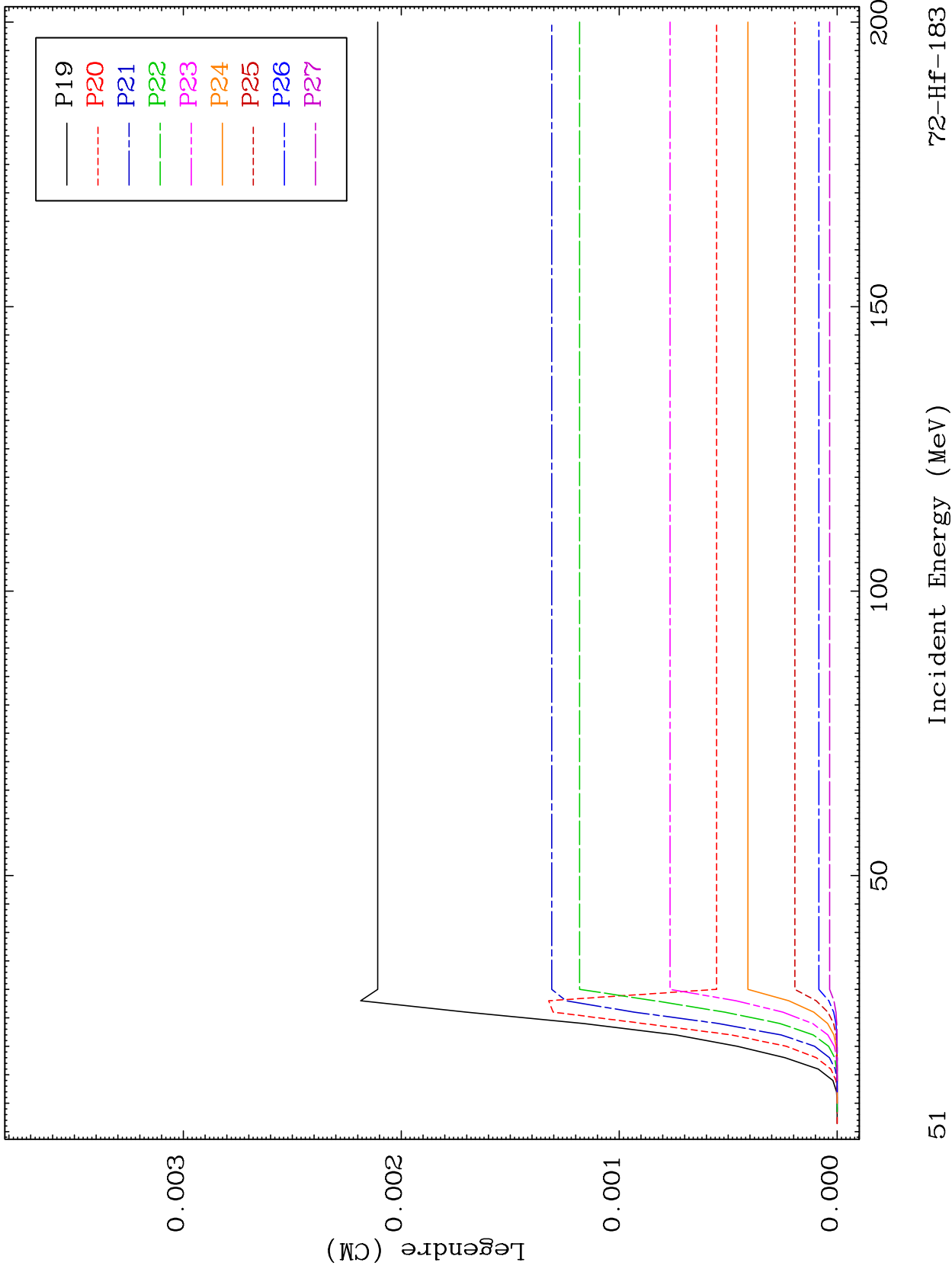
MT= 58 (n,n') Level  
Legendre Coefficients

72-Hf-183



72-Hf-183

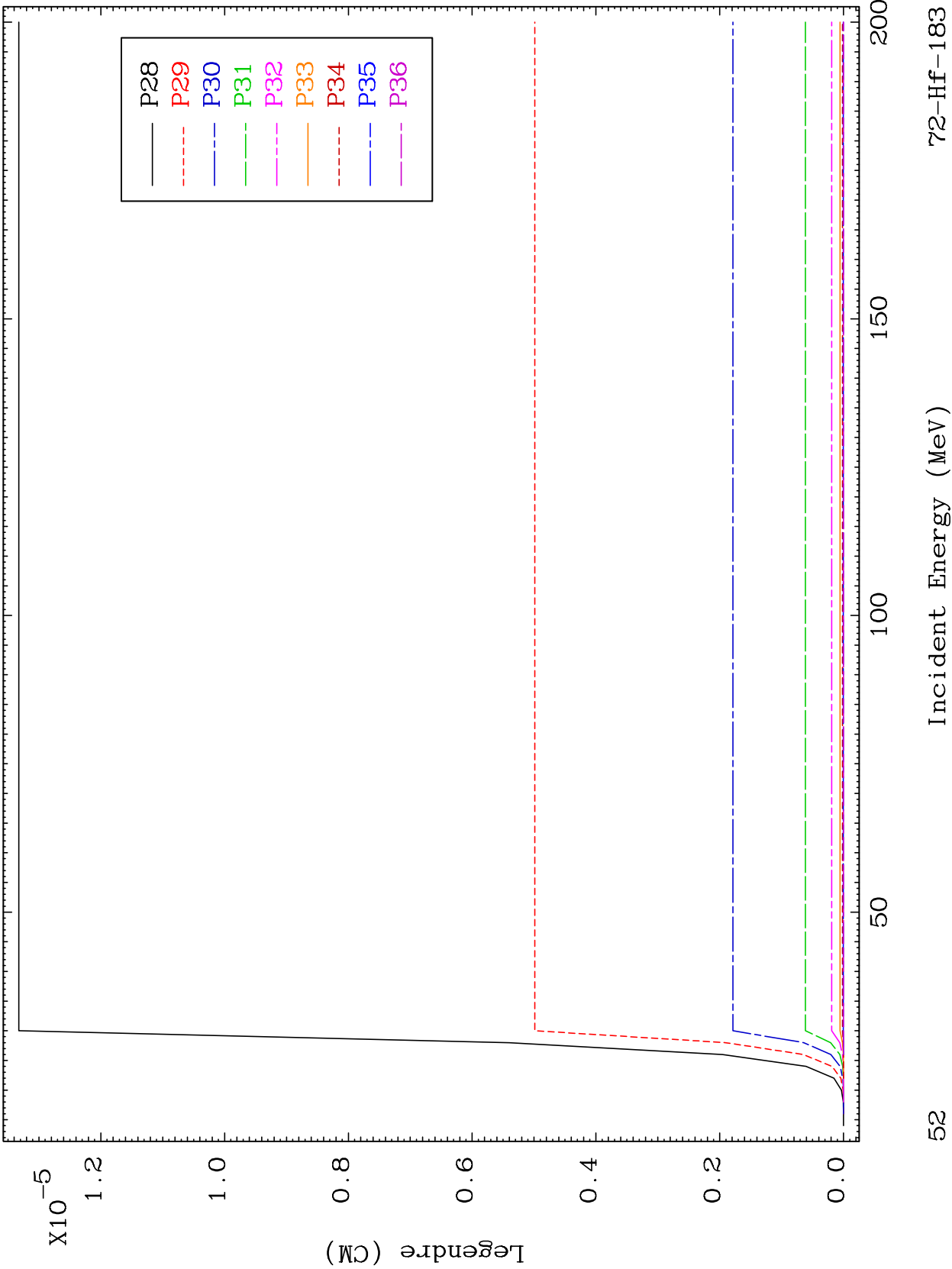
Incident Energy (MeV)



MAT 7252

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

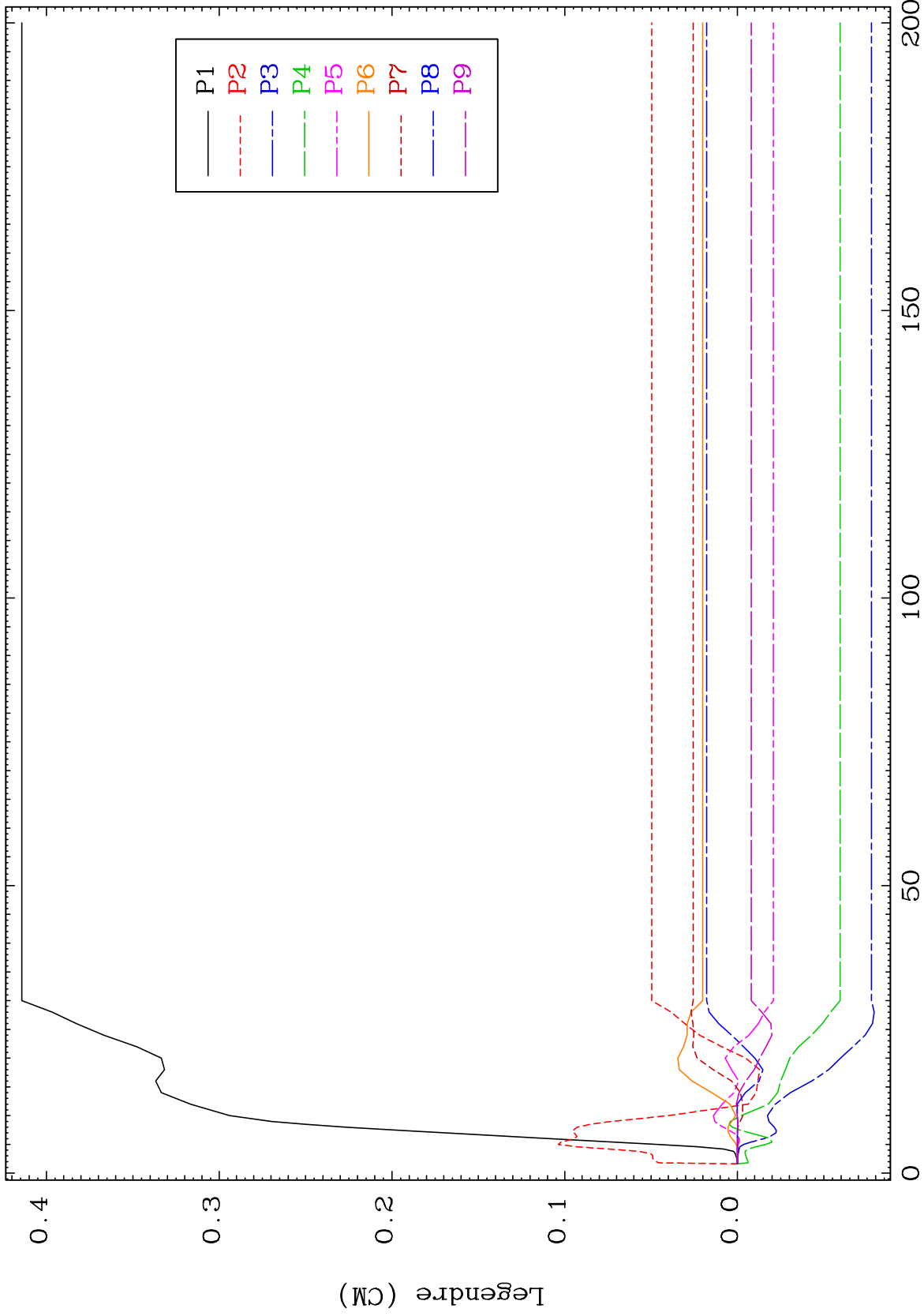
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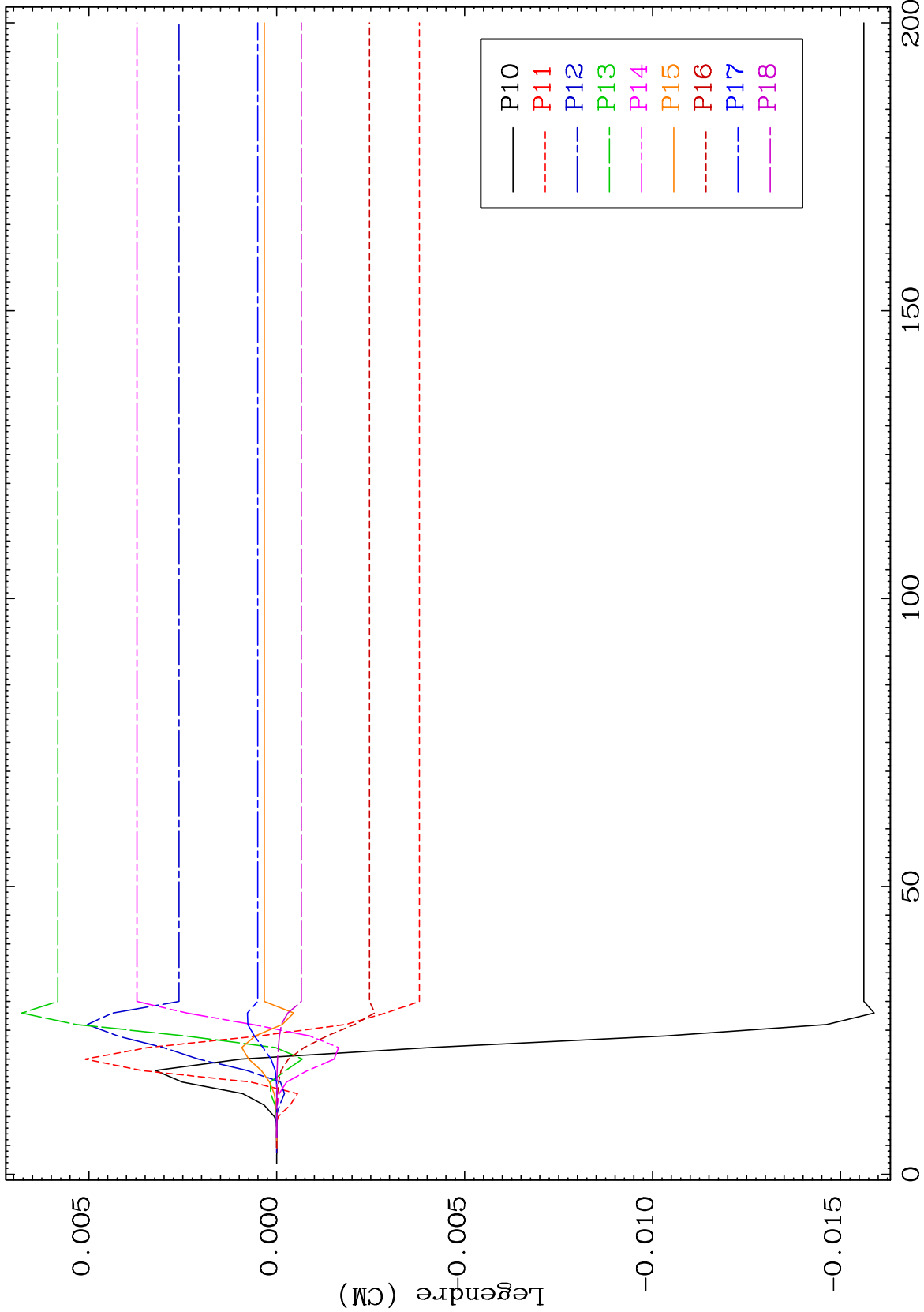


52

Incident Energy (MeV)

72-Hf-183

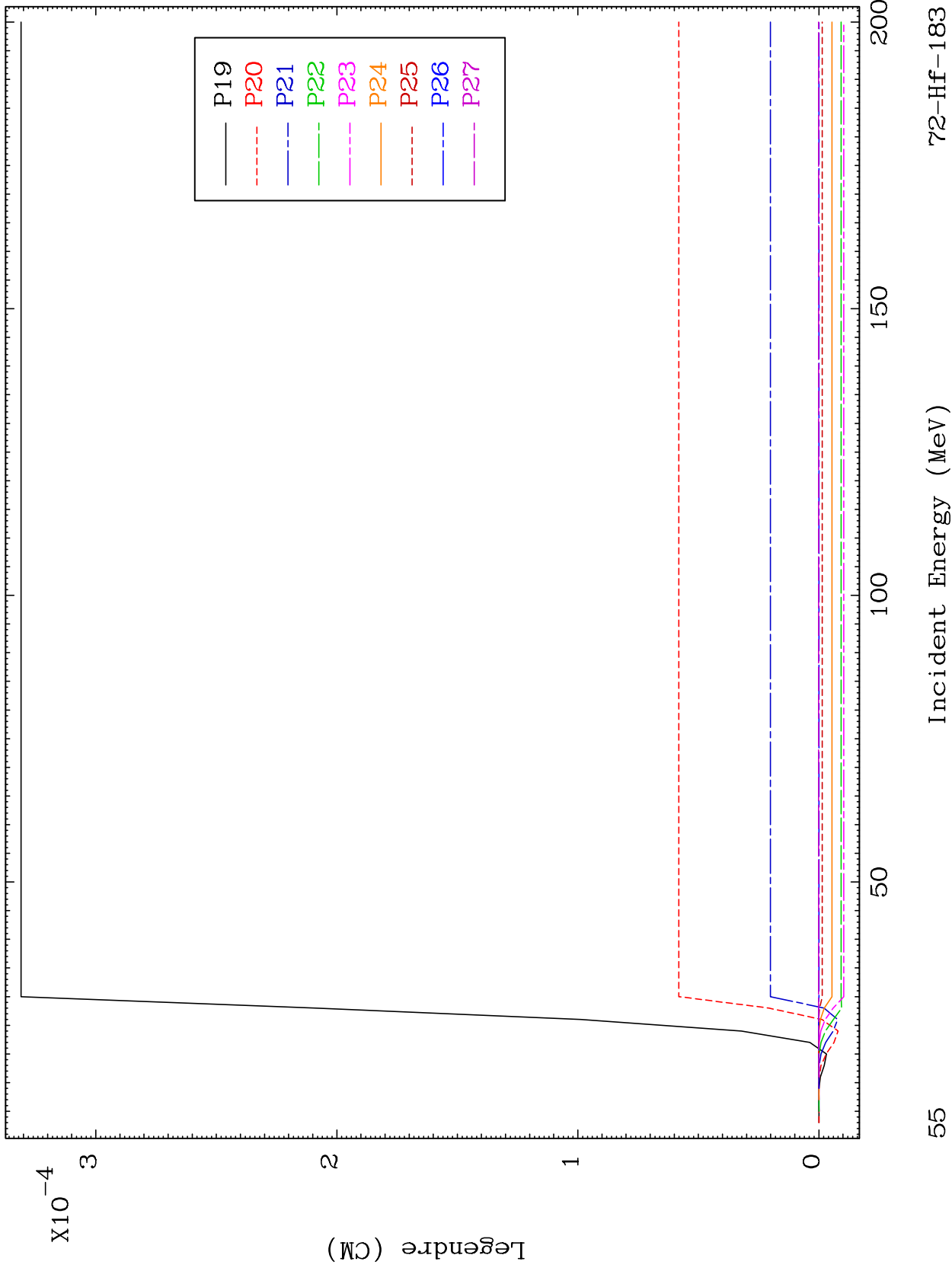




MAT 7252

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

72-Hf-183

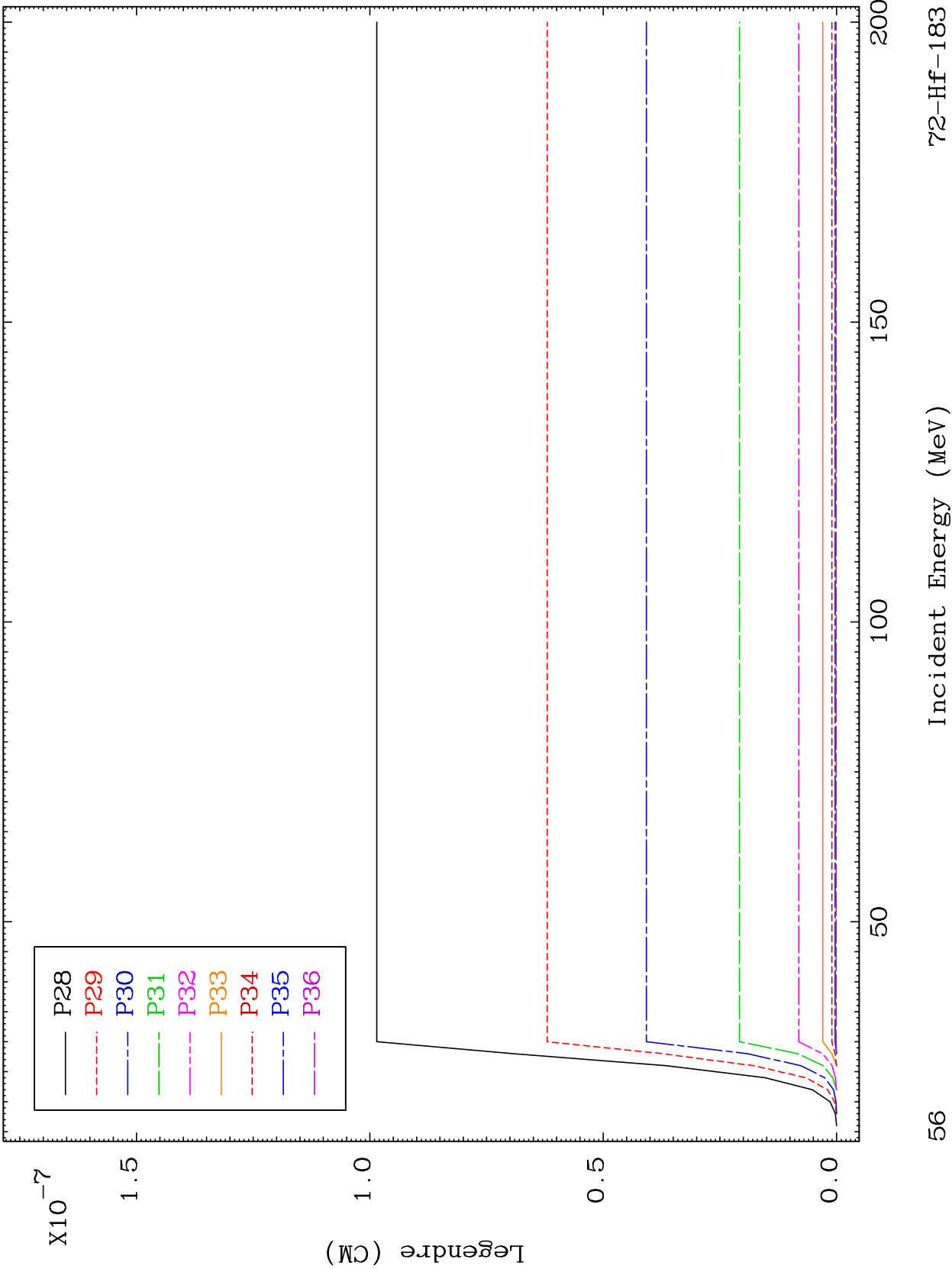


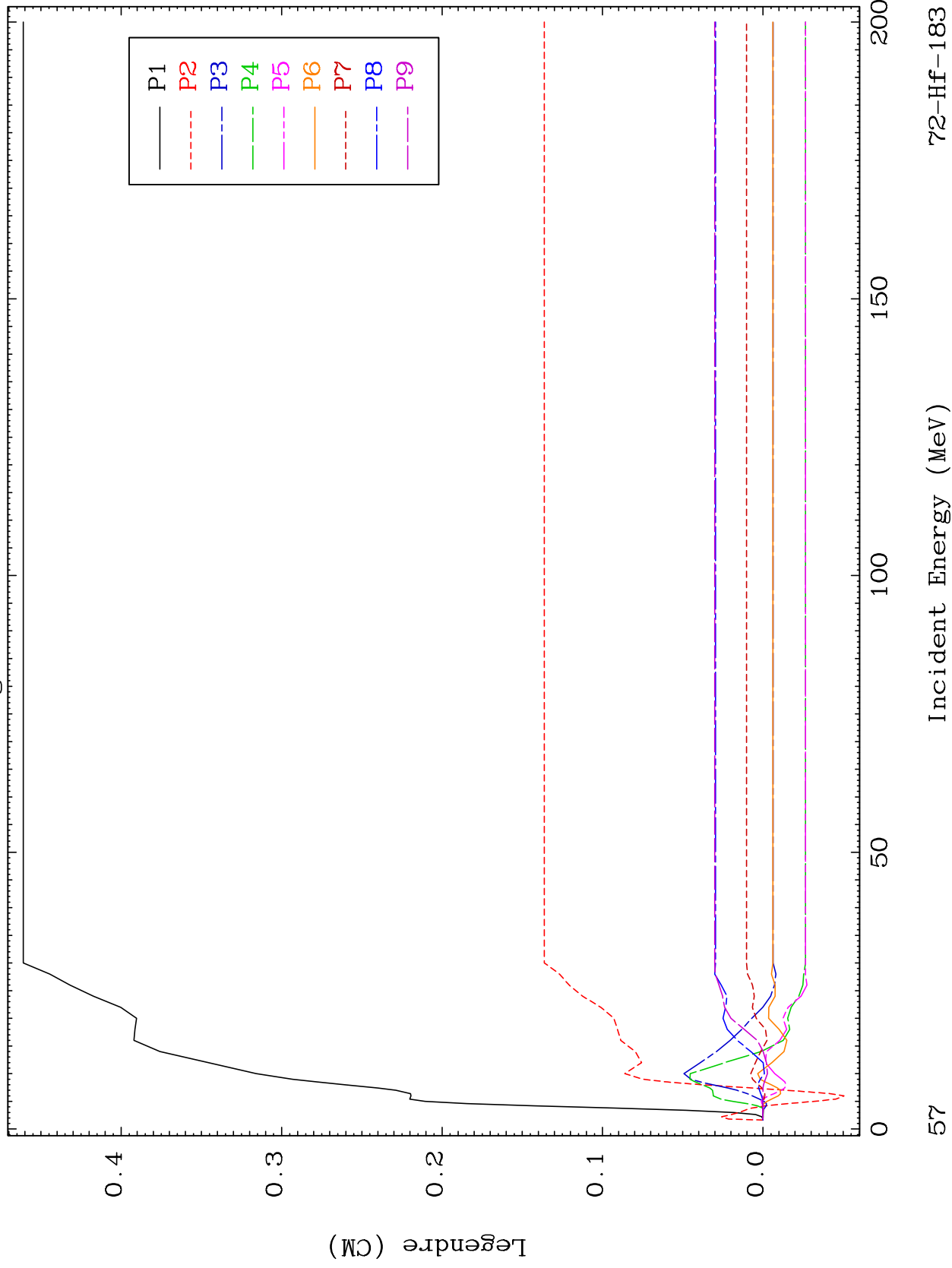
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Incident Energy (MeV)

72-Hf-183



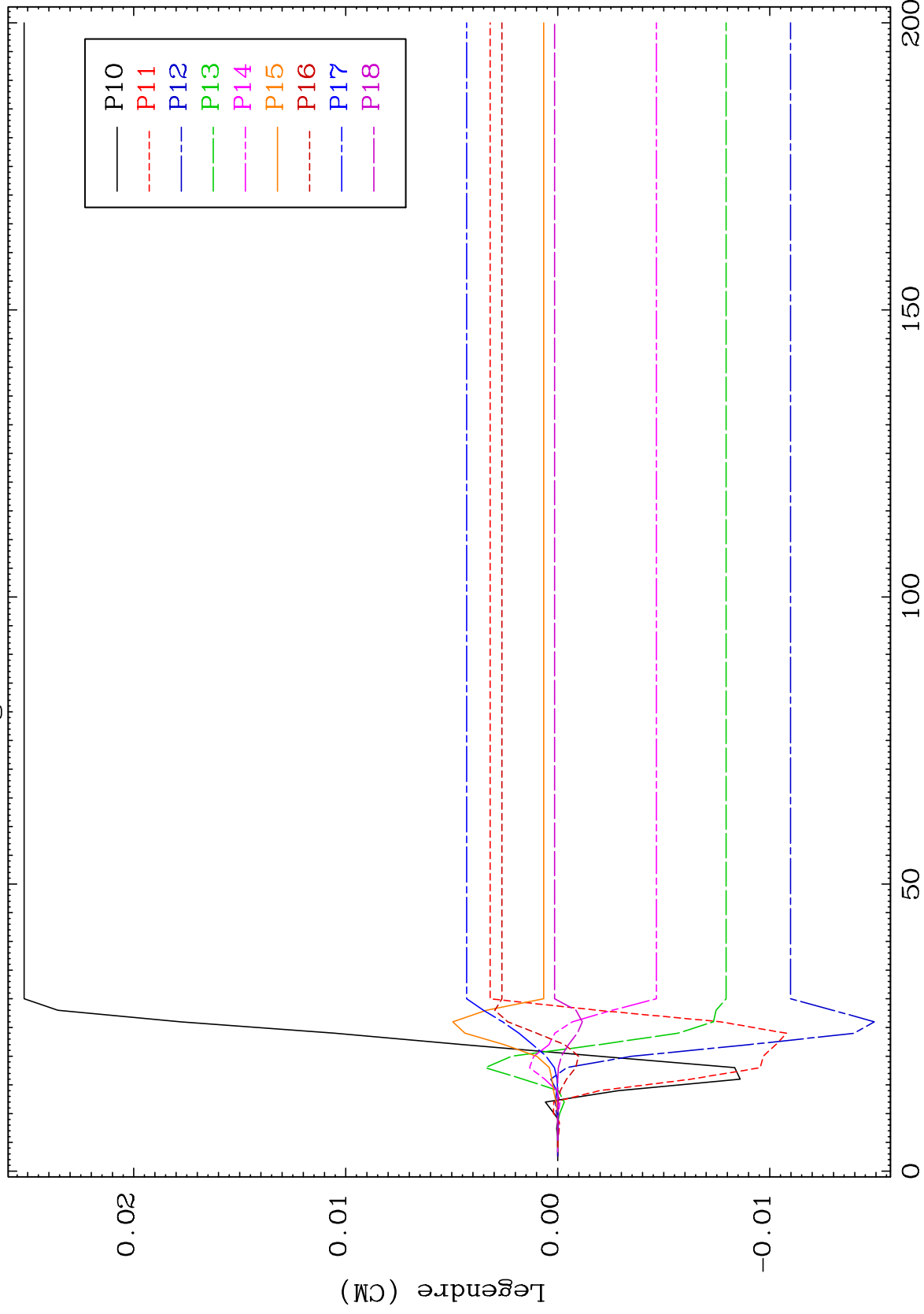




MAT 7252

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

72-Hf-183



58

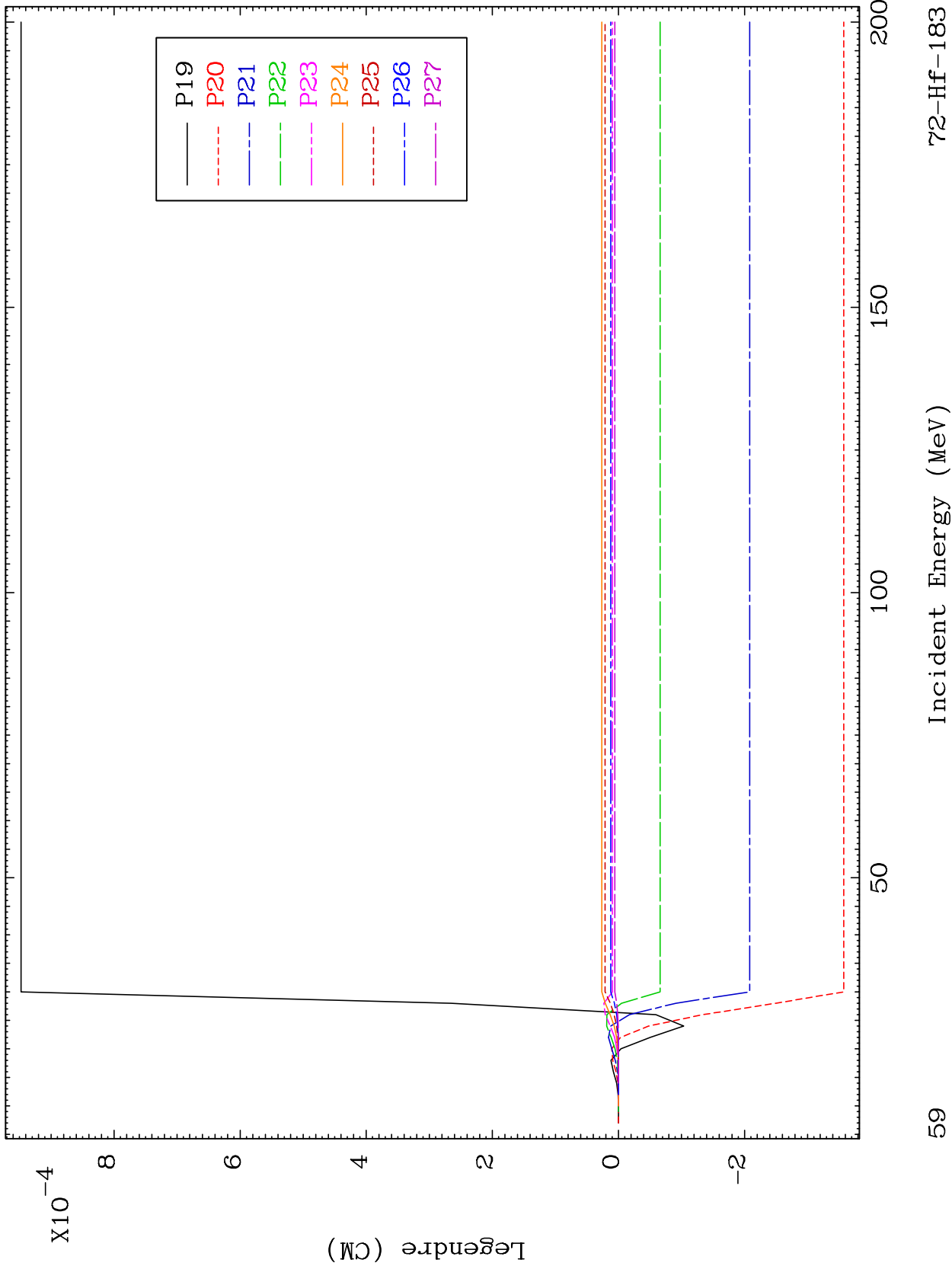
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



59

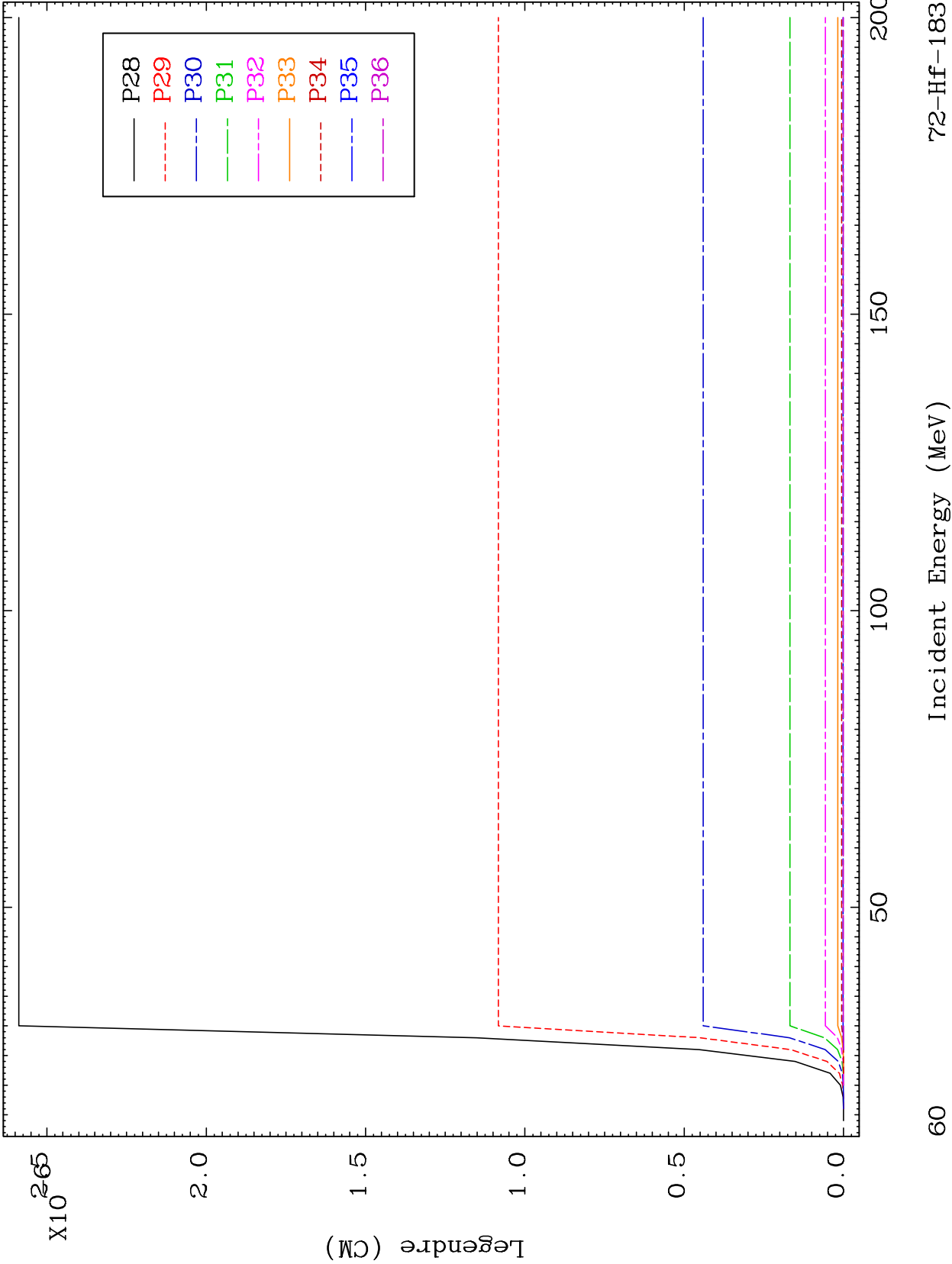
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



60

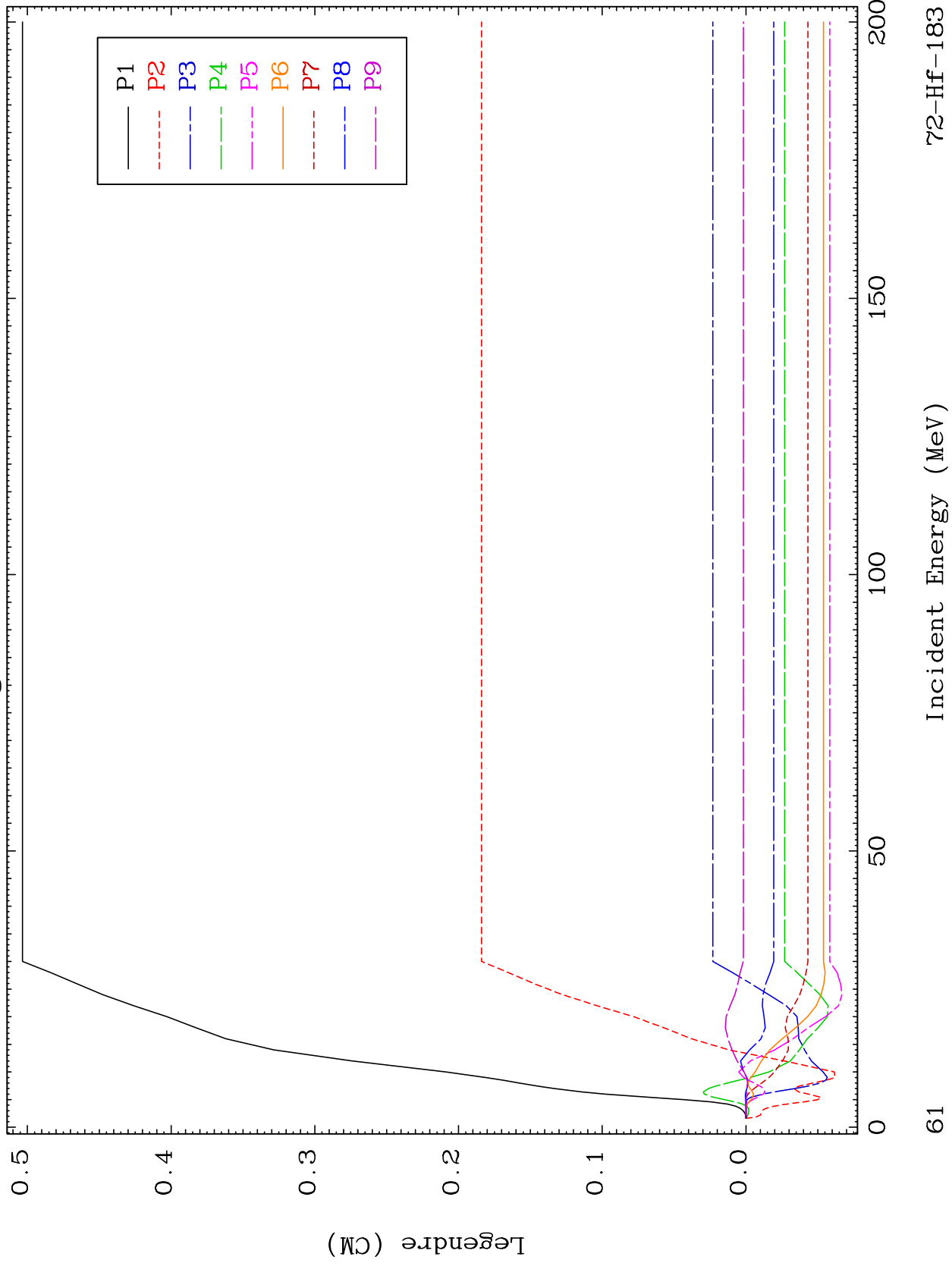
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



72-Hf-183

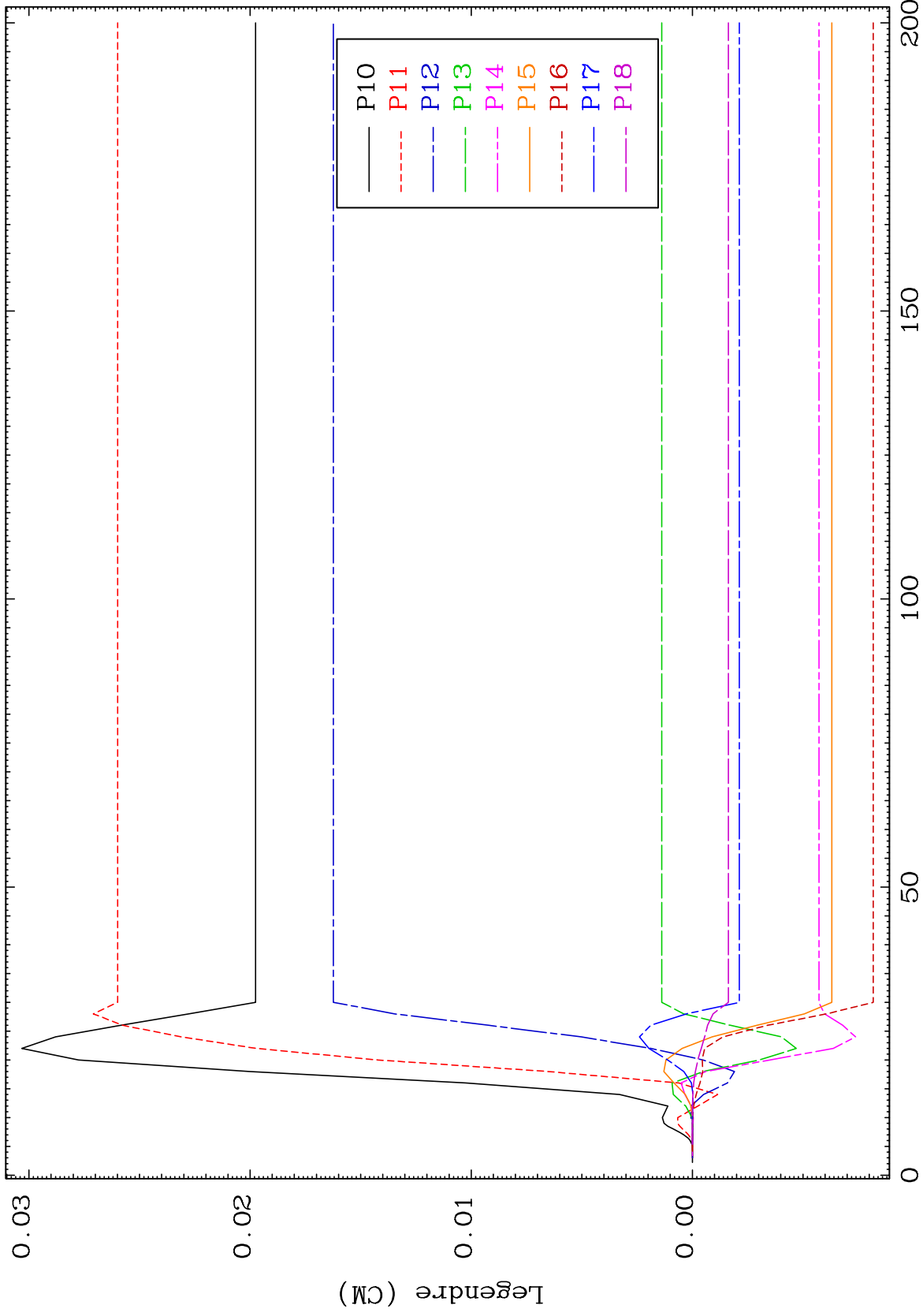
Incident Energy (MeV)

61

MAT 7252

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

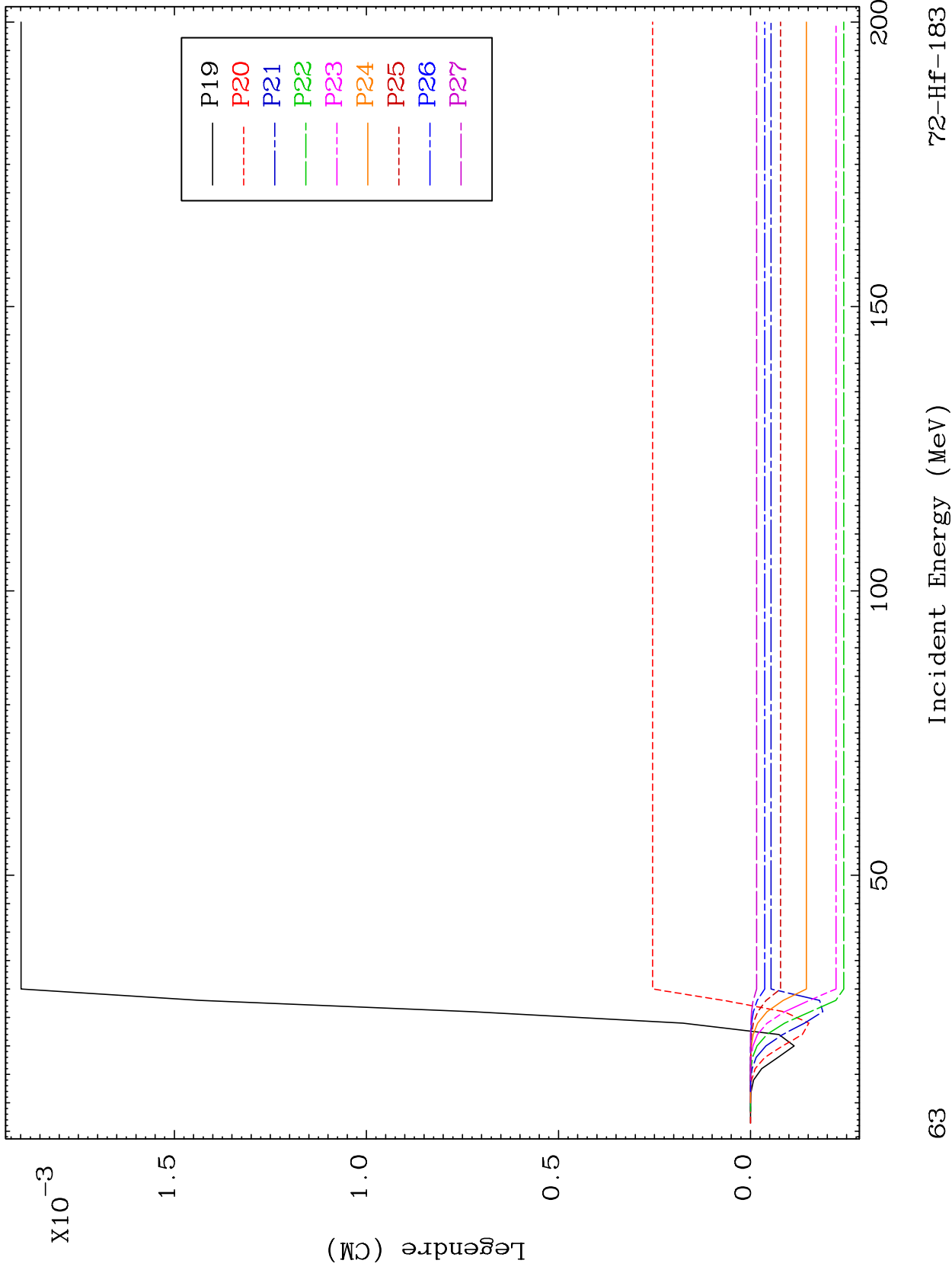
72-Hf-183



62

Incident Energy (MeV)

72-Hf-183



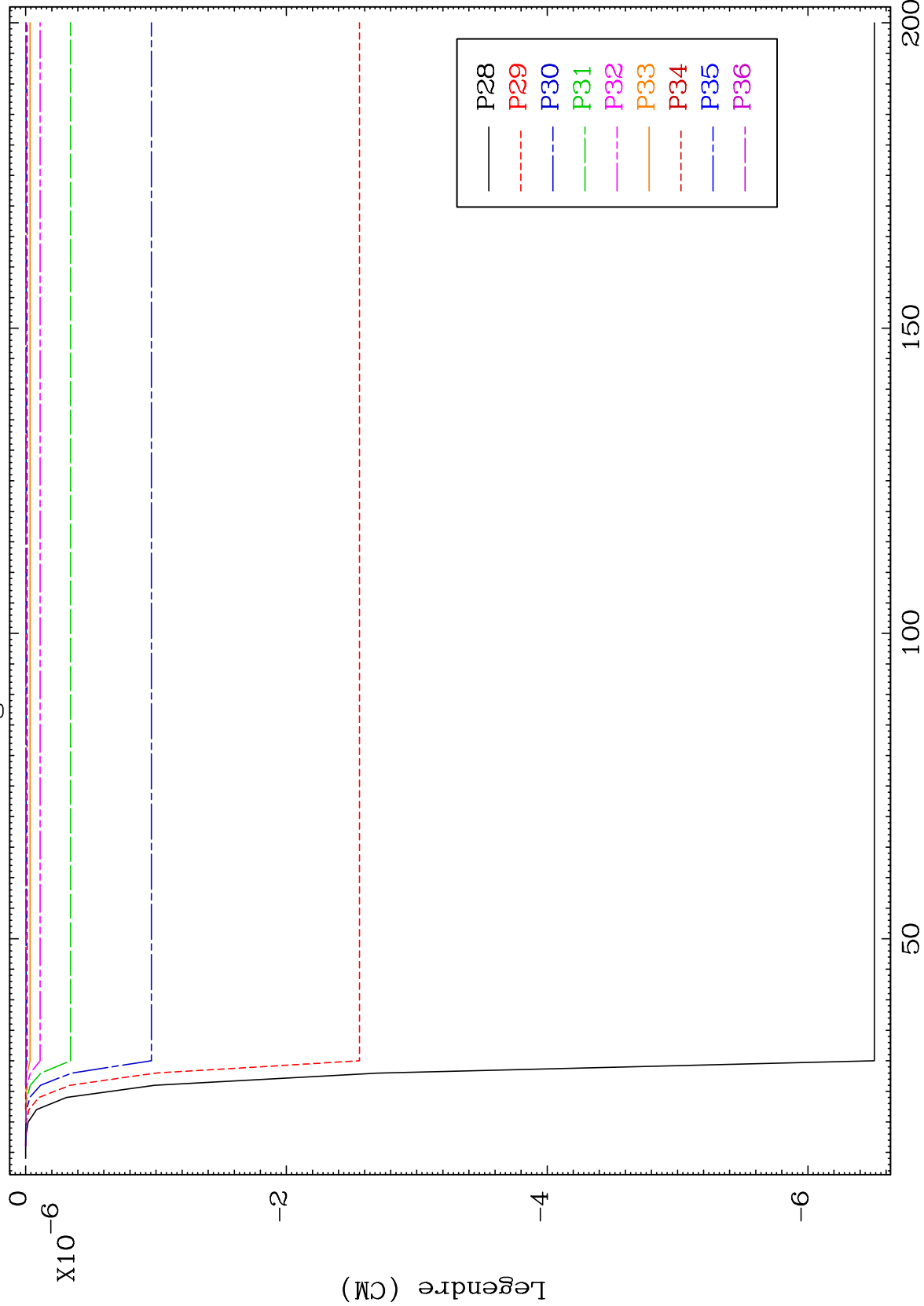


MAT 7252

MT= 61 (n,n') Level

72-Hf-183

Legendre Coefficients



72-Hf-183

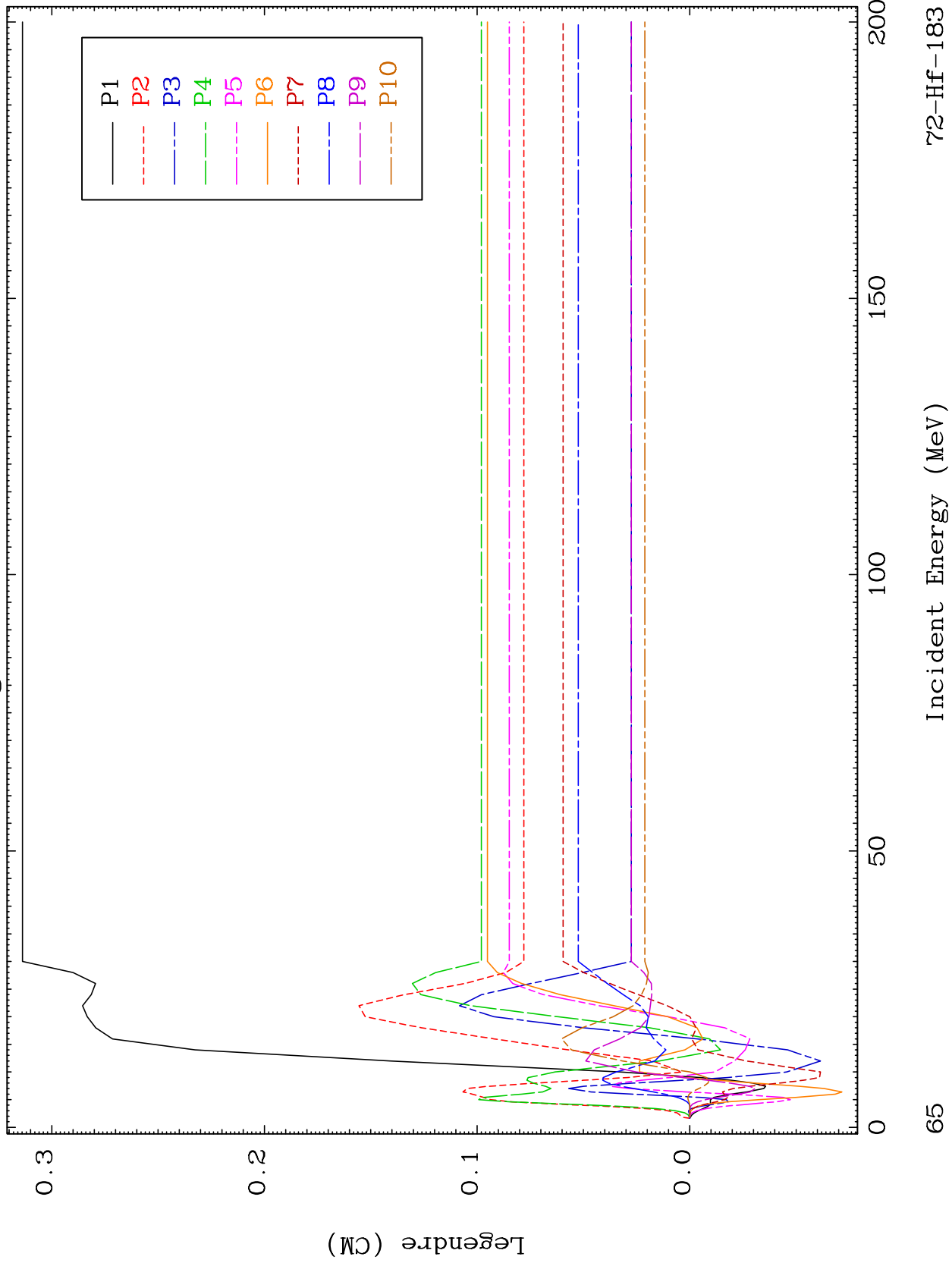
Incident Energy (MeV)

64

MAT 7252

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

72-Hf-183



72-Hf-183

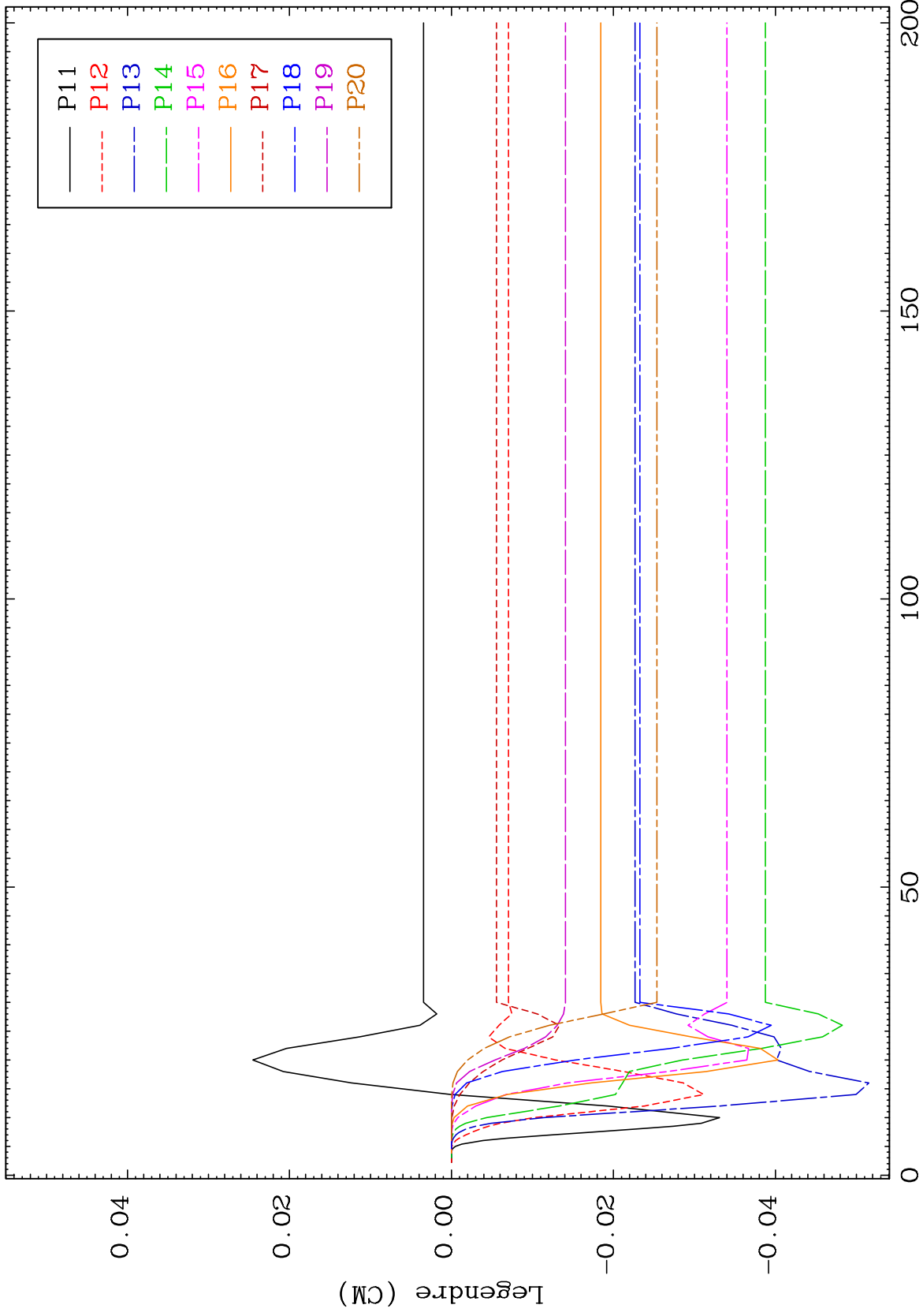
Incident Energy (MeV)

65

MAT 7252

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

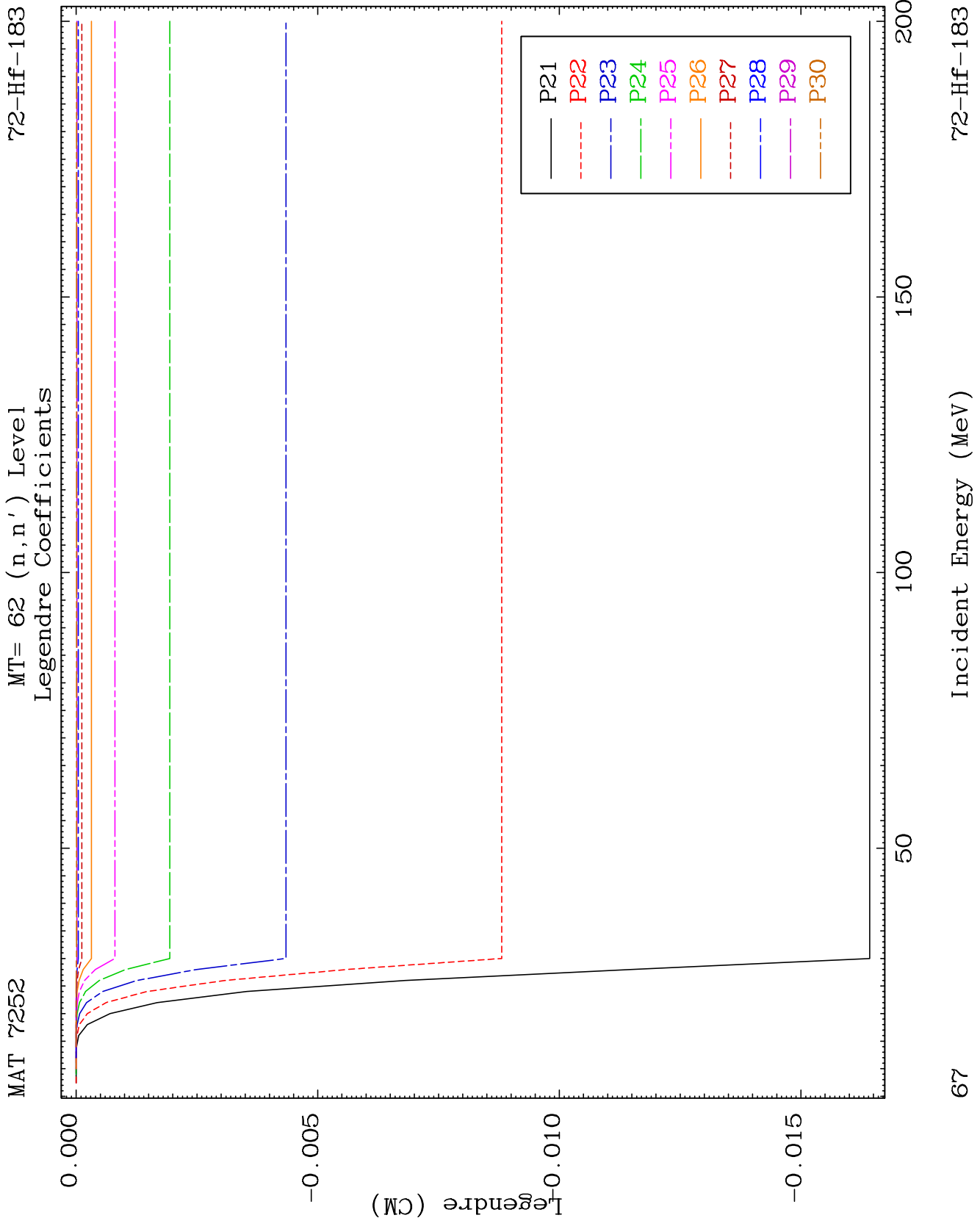
72-Hf-183



66

Incident Energy (MeV)

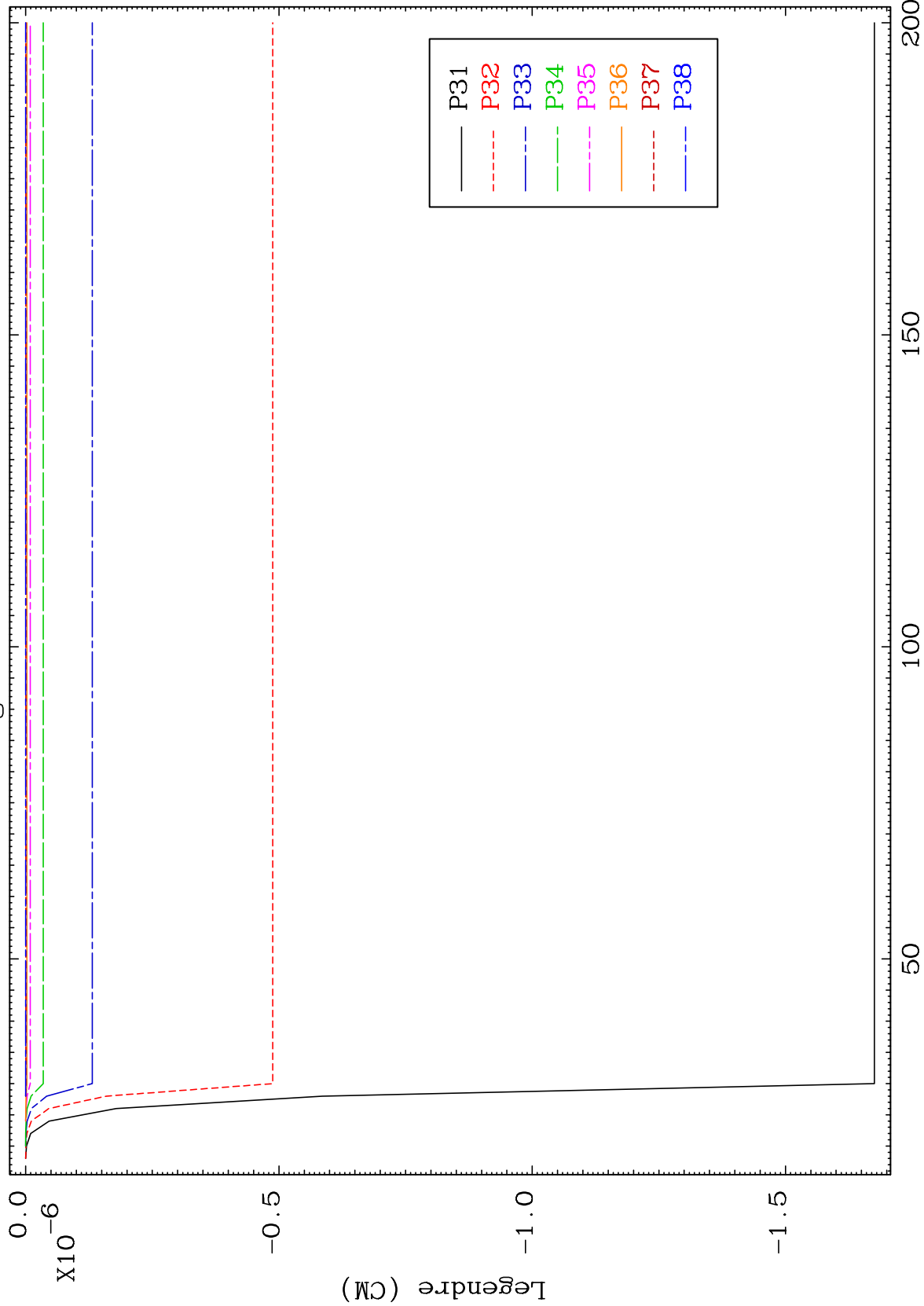
72-Hf-183



MAT 7252

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

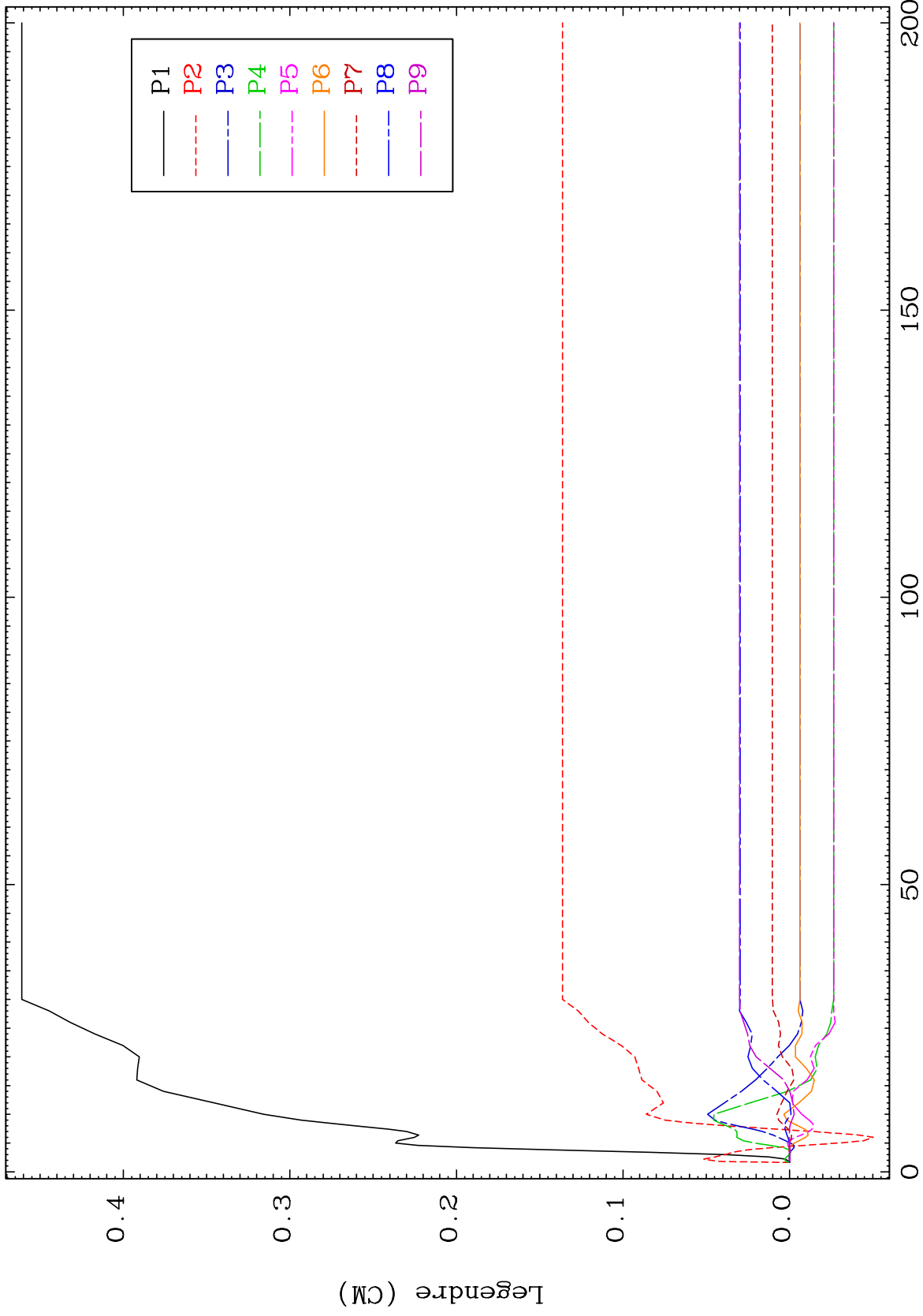
72-Hf-183



72-Hf-183

Incident Energy (MeV)

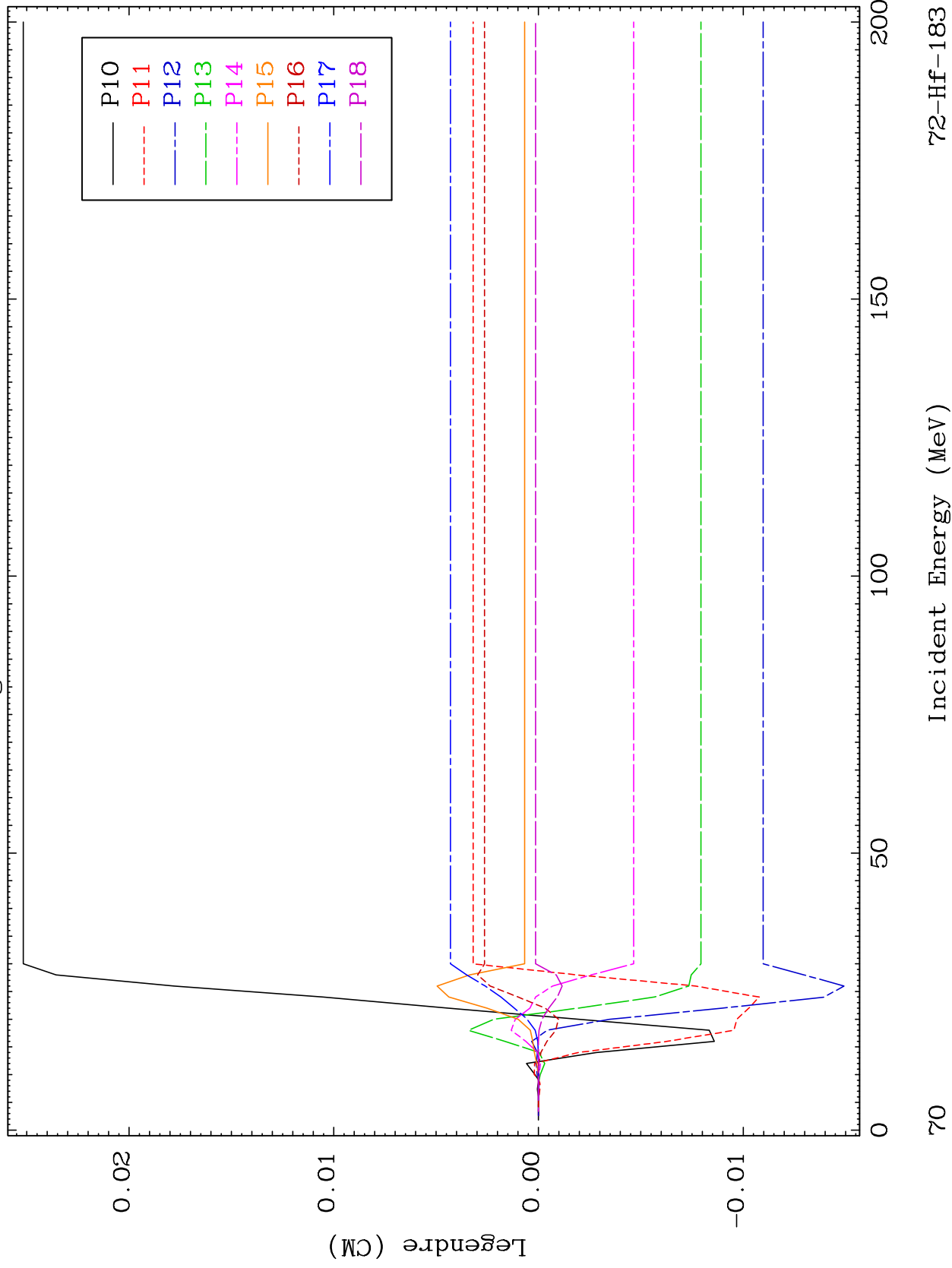
68



MAT 7252

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

72-Hf-183



72-Hf-183

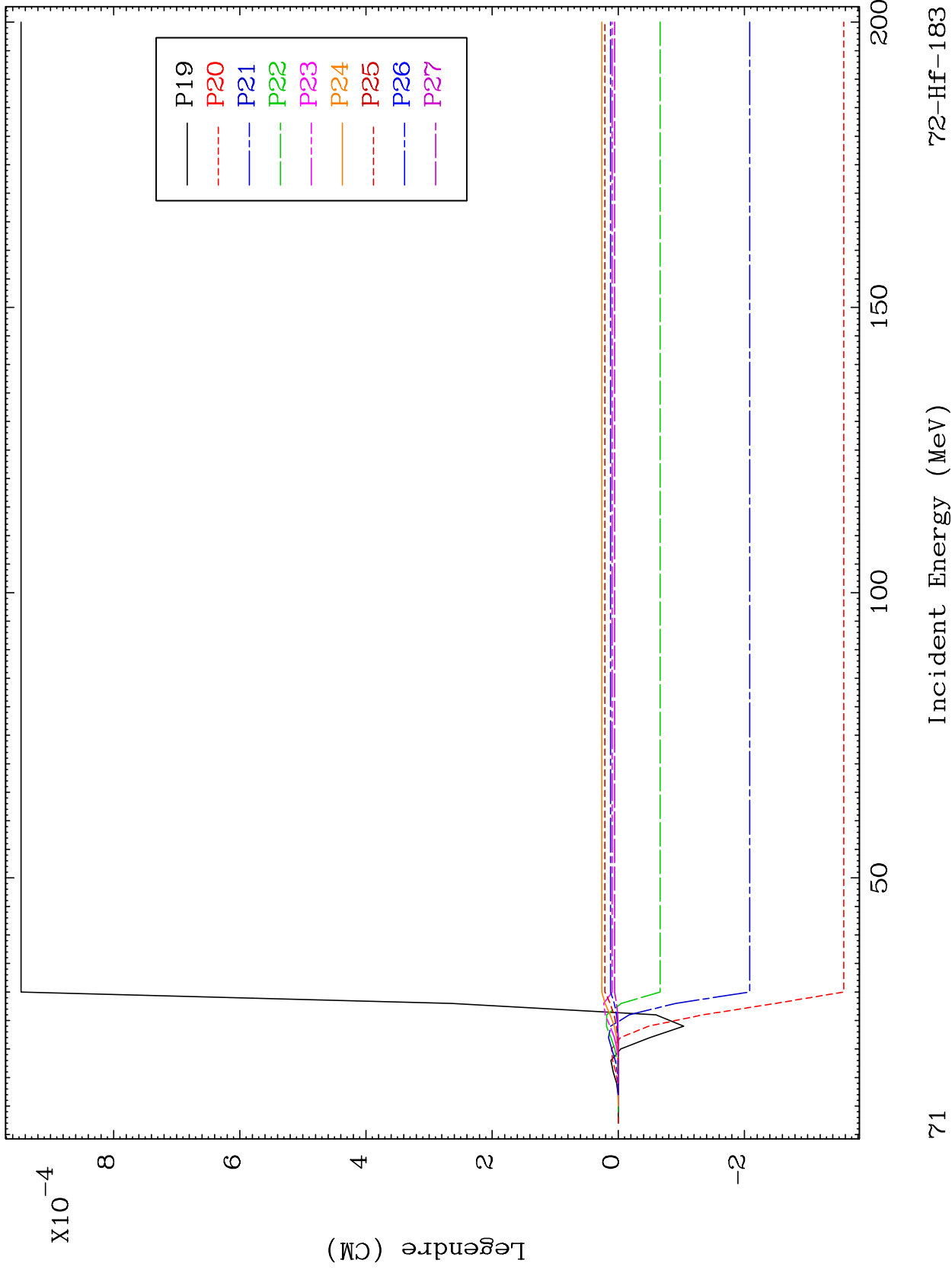
Incident Energy (MeV)

70

MAT 7252

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

72-Hf-183

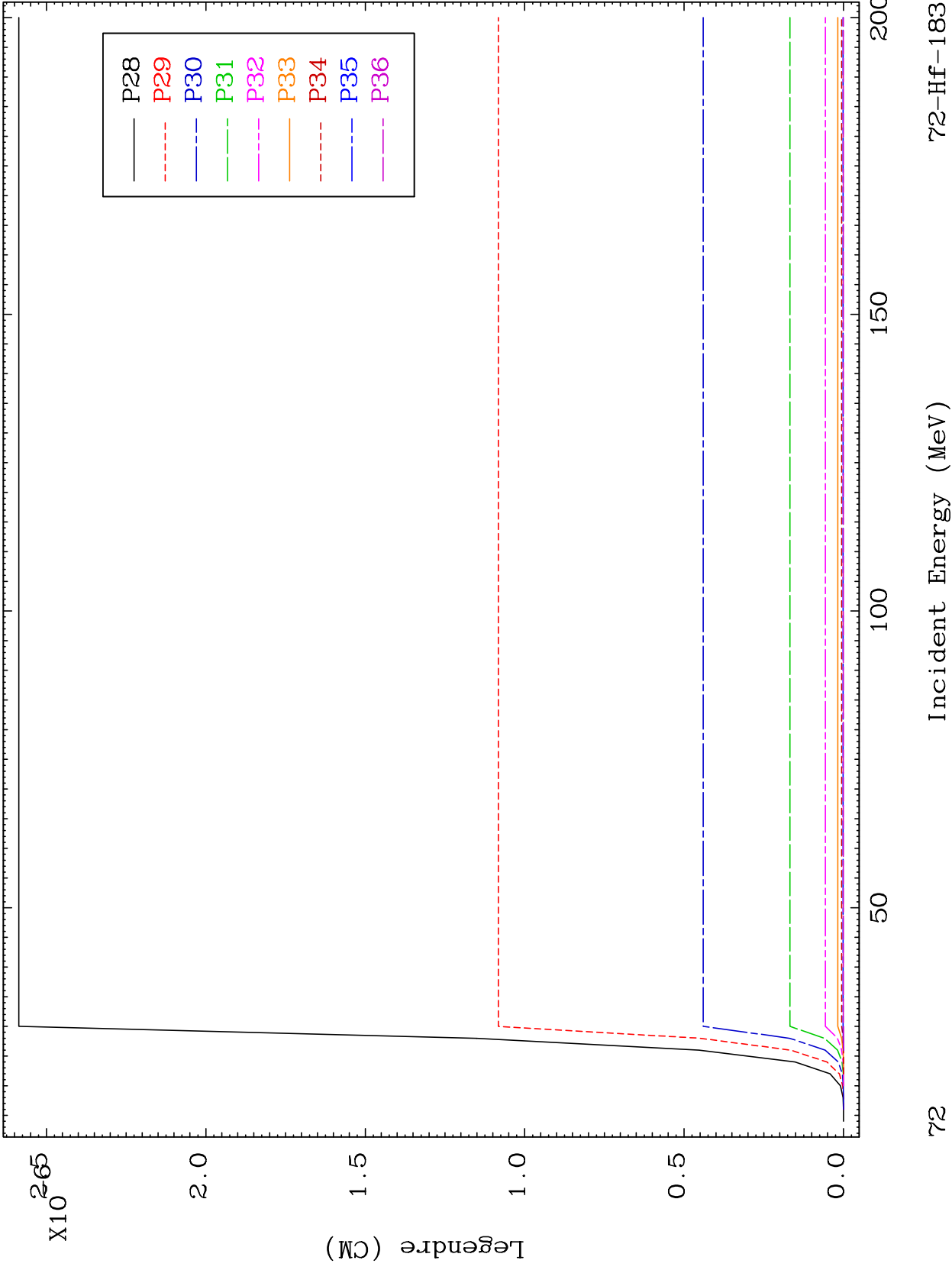


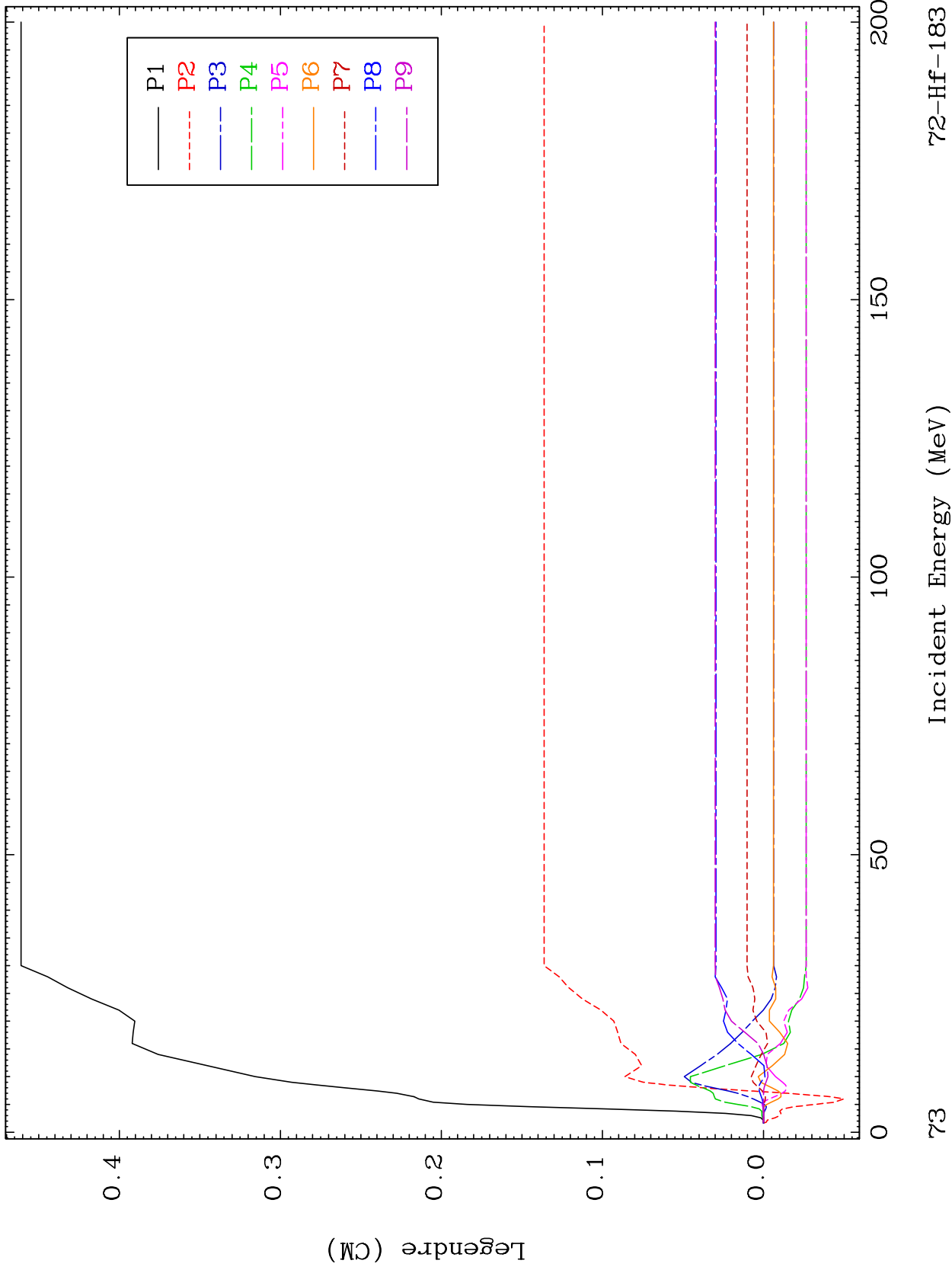


MAT 7252

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

72-Hf-183

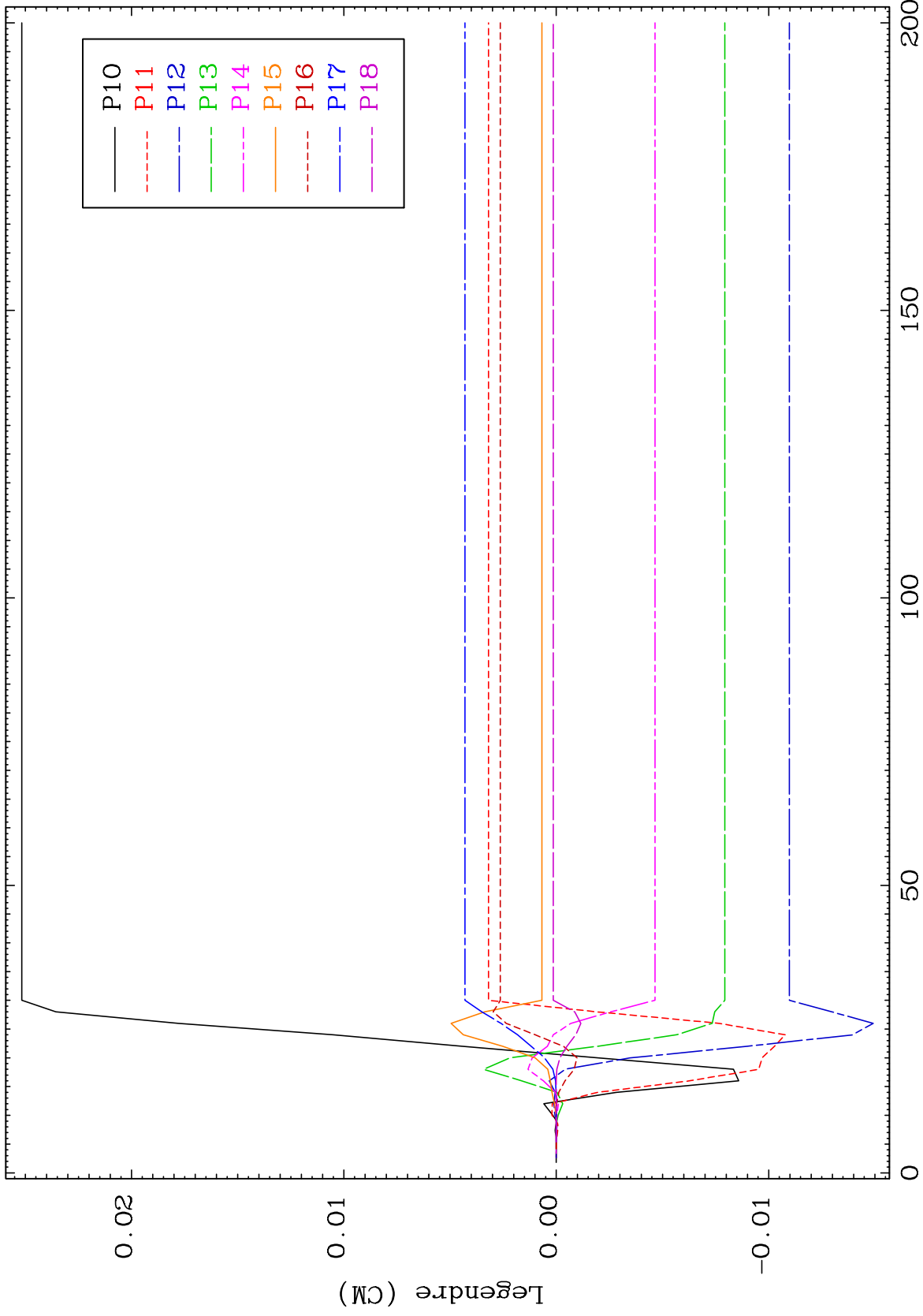




MAT 7252

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

72-Hf-183



74

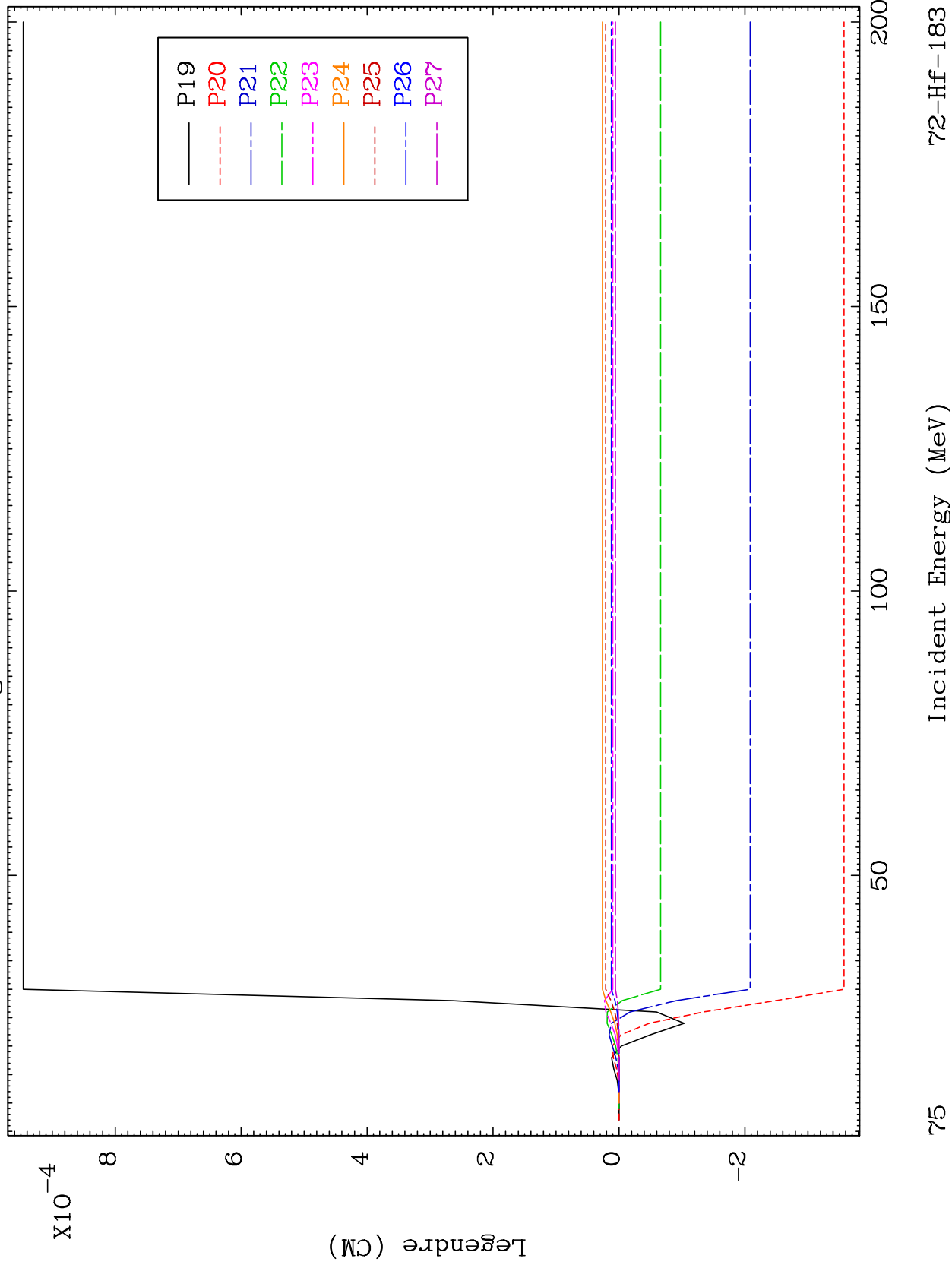
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

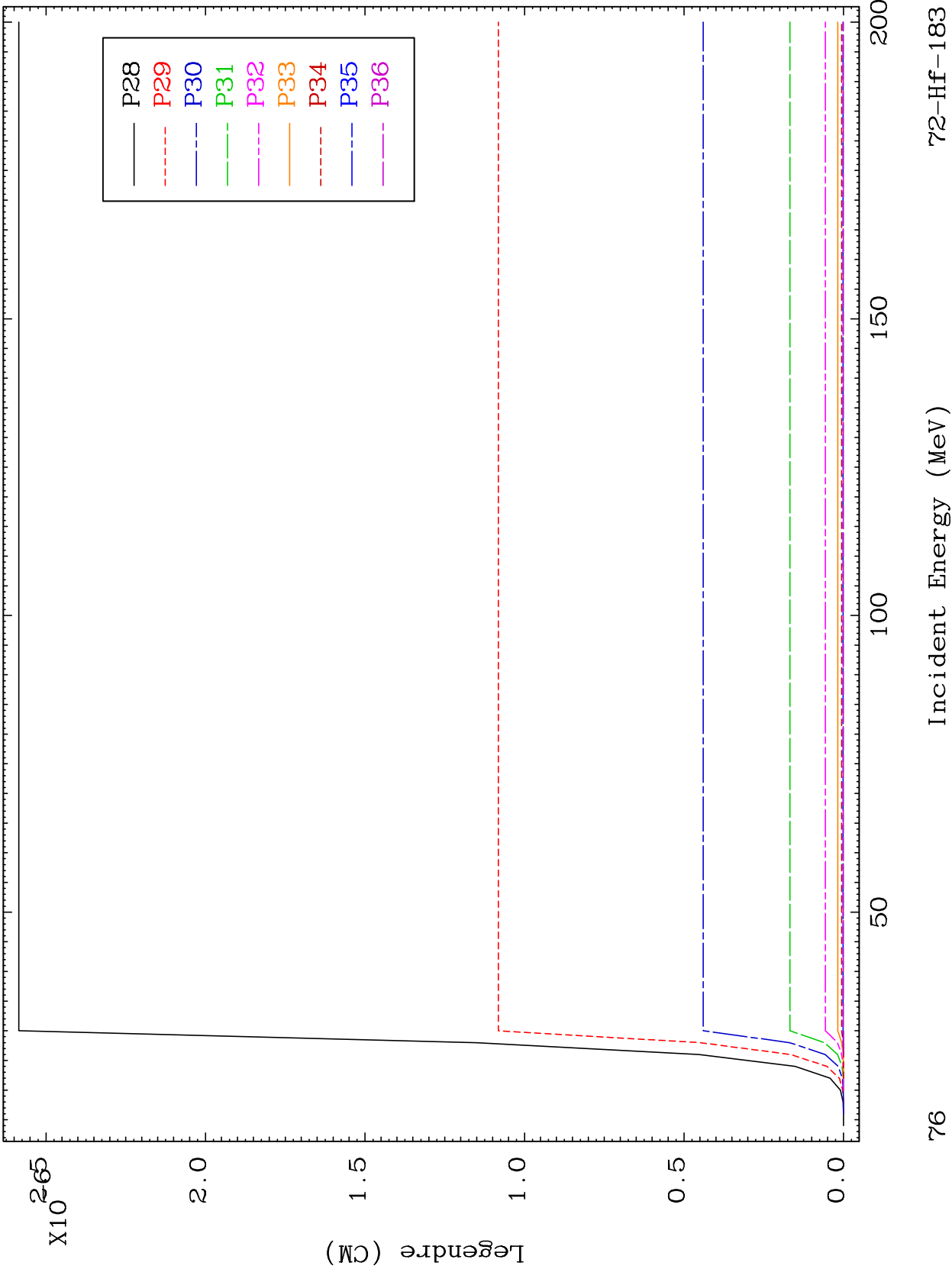
72-Hf-183



MAT 7252

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

72-Hf-183



76

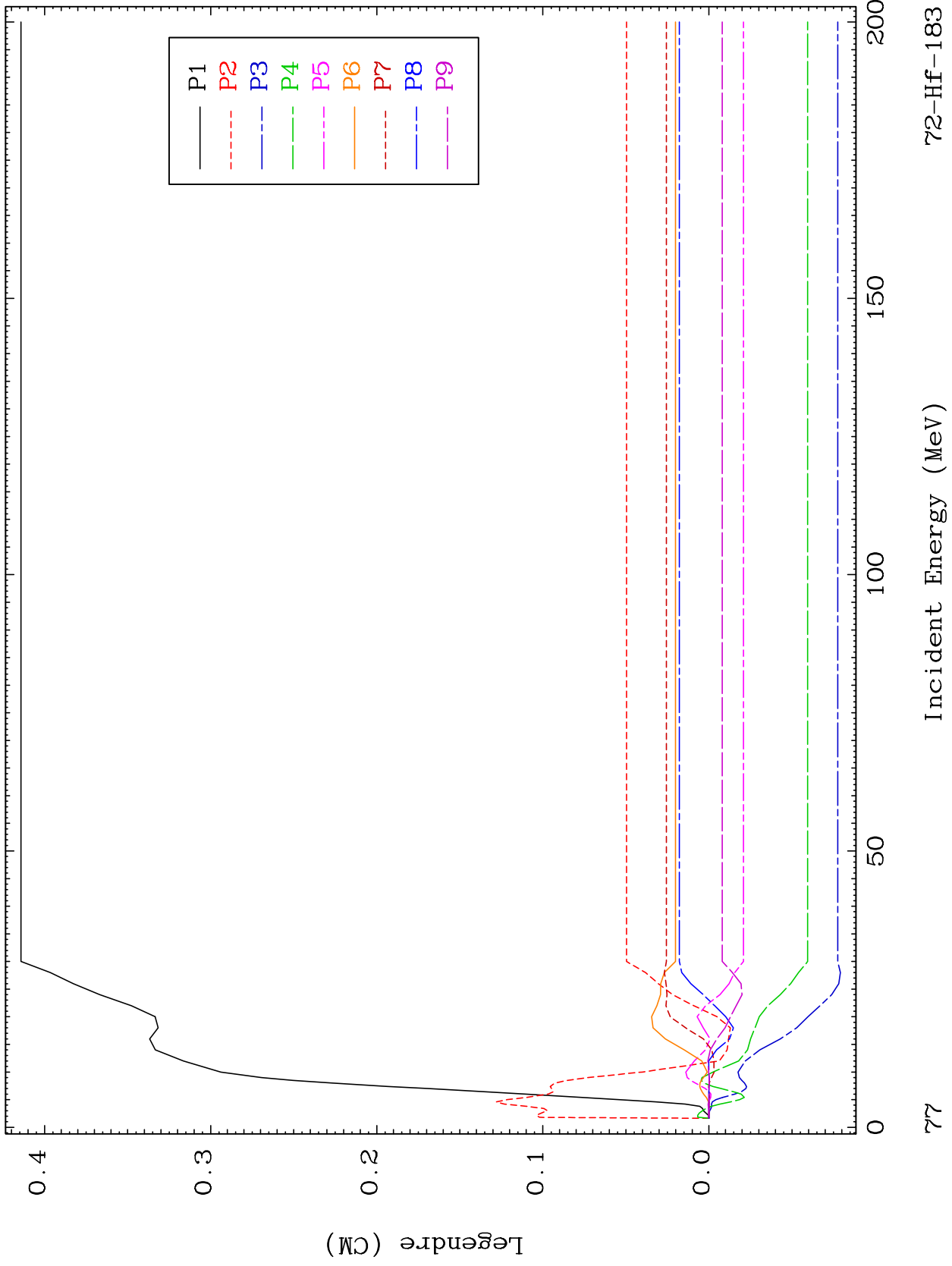
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



77

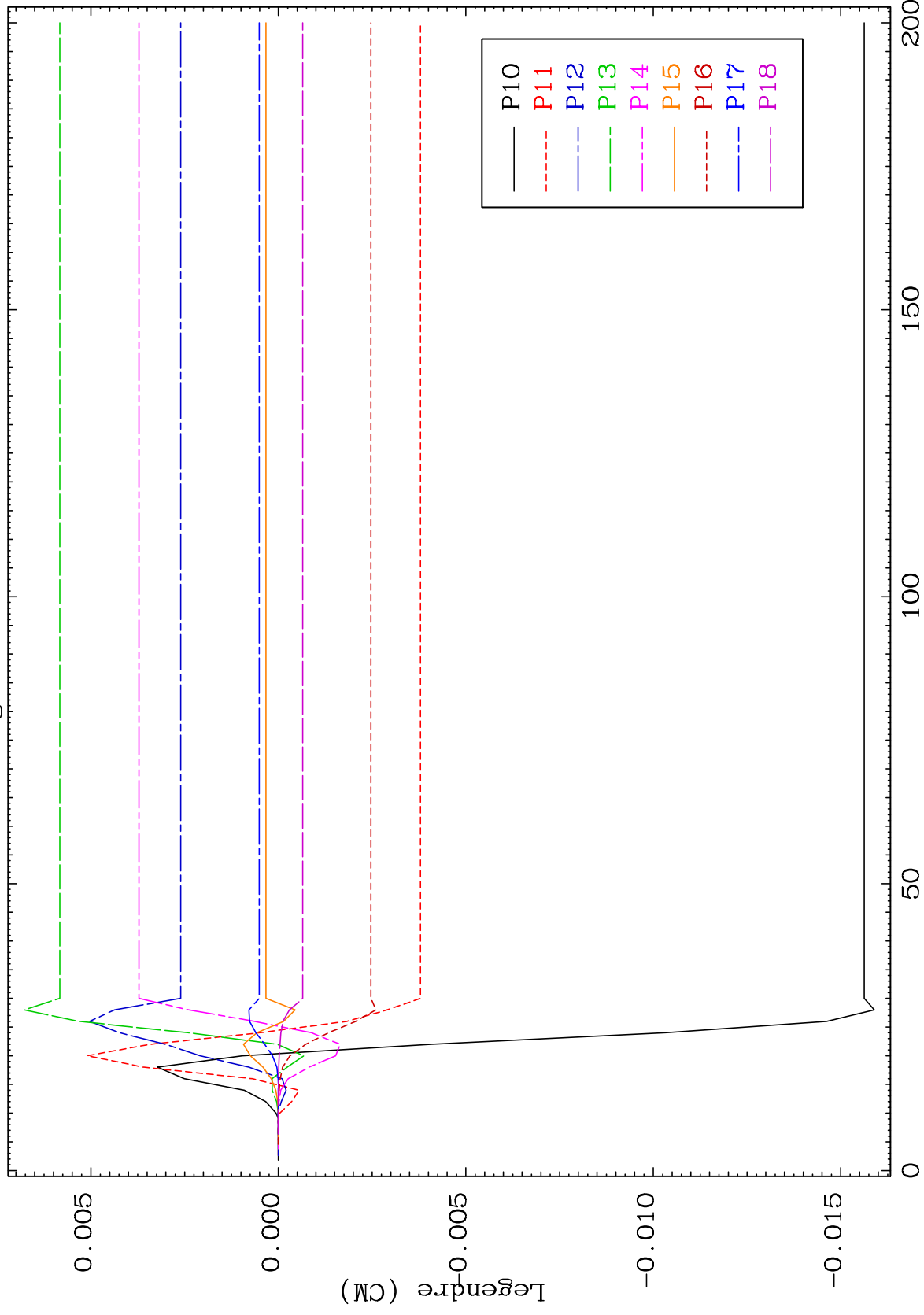
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



78

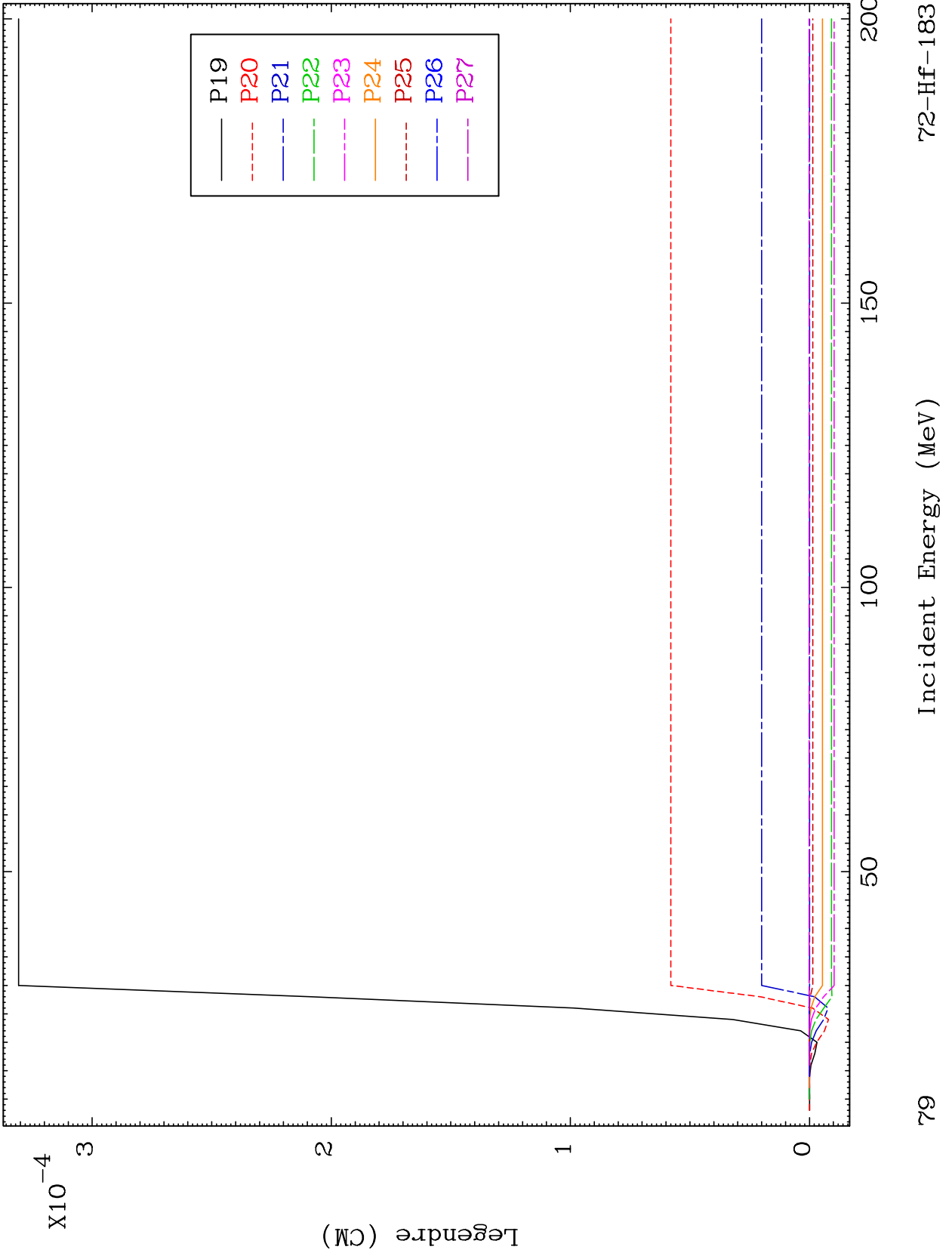
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



79

Incident Energy (MeV)

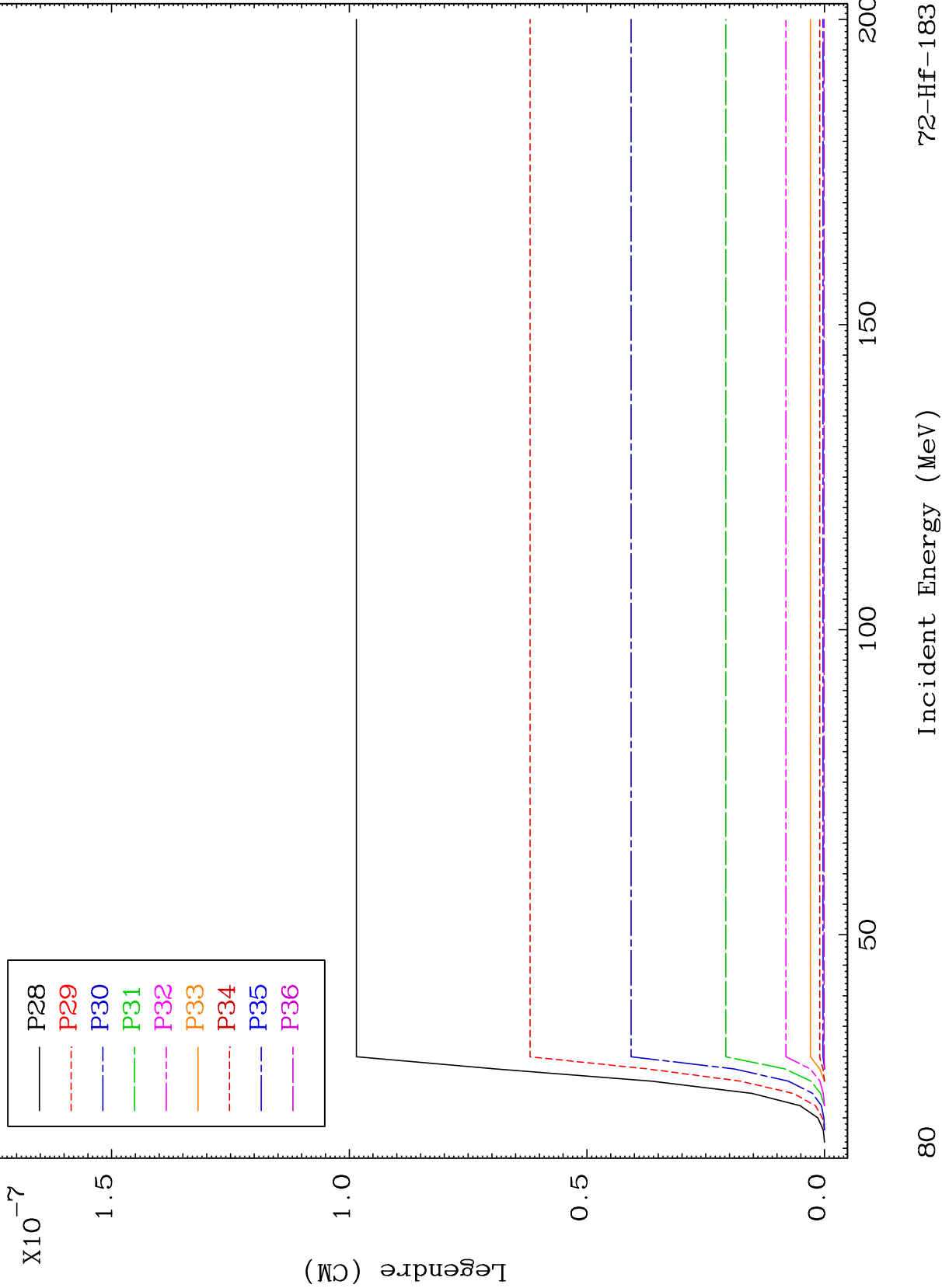
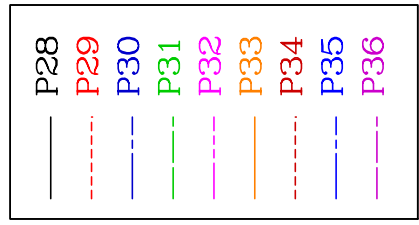
72-Hf-183



MAT 7252

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

72-Hf-183



72-Hf-183

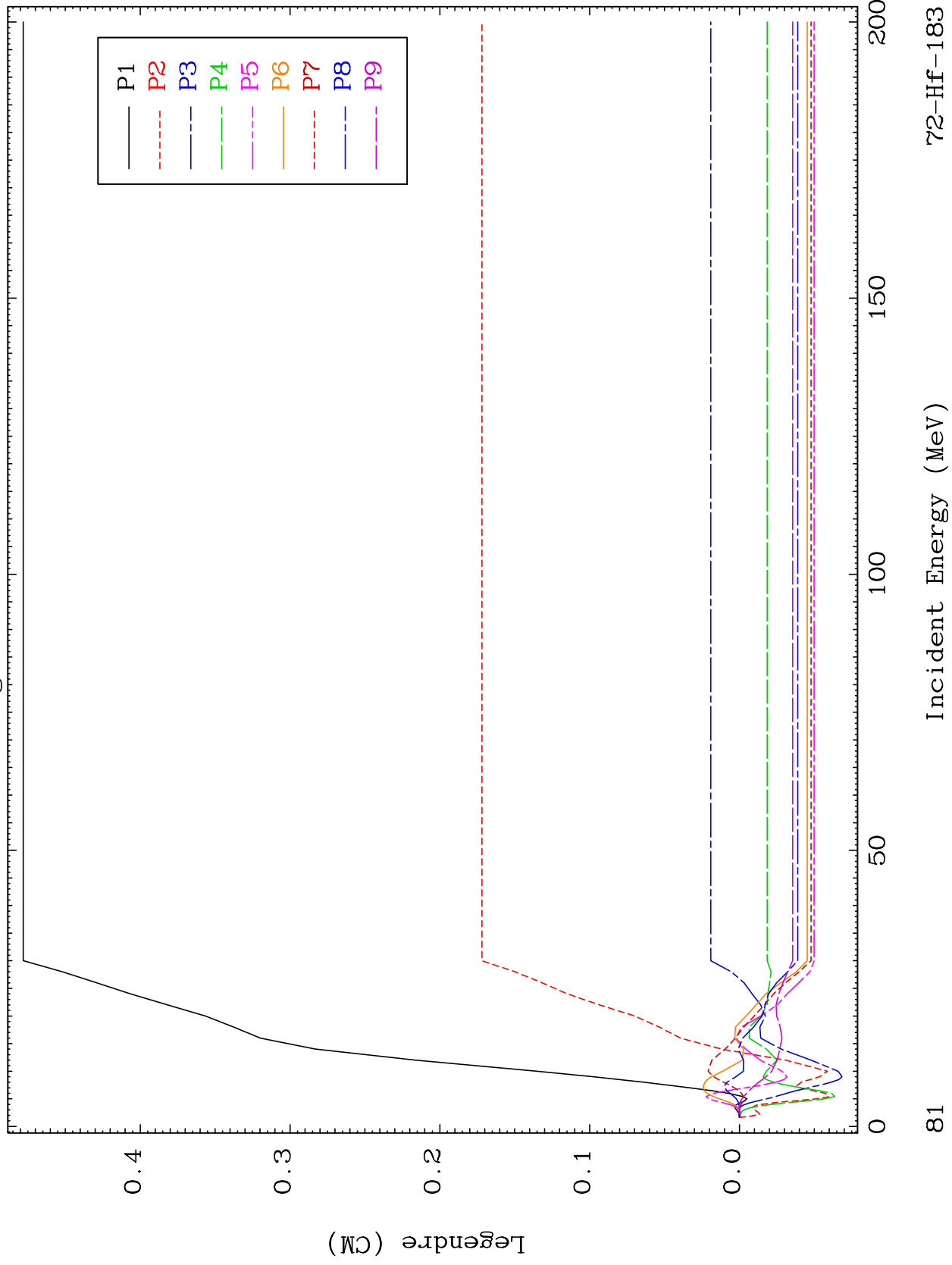
Incident Energy (MeV)

80

MAT 7252

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

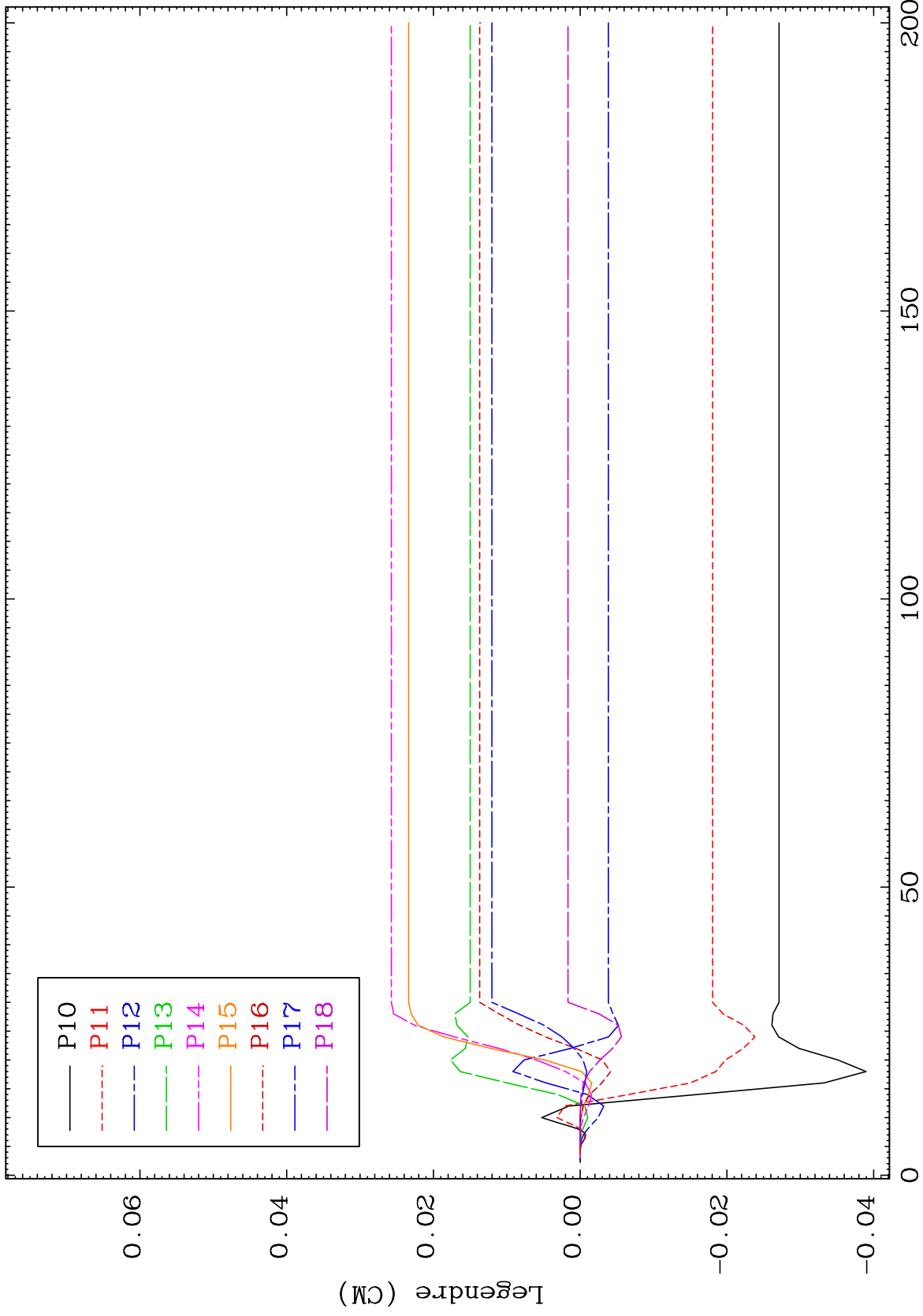
72-Hf-183

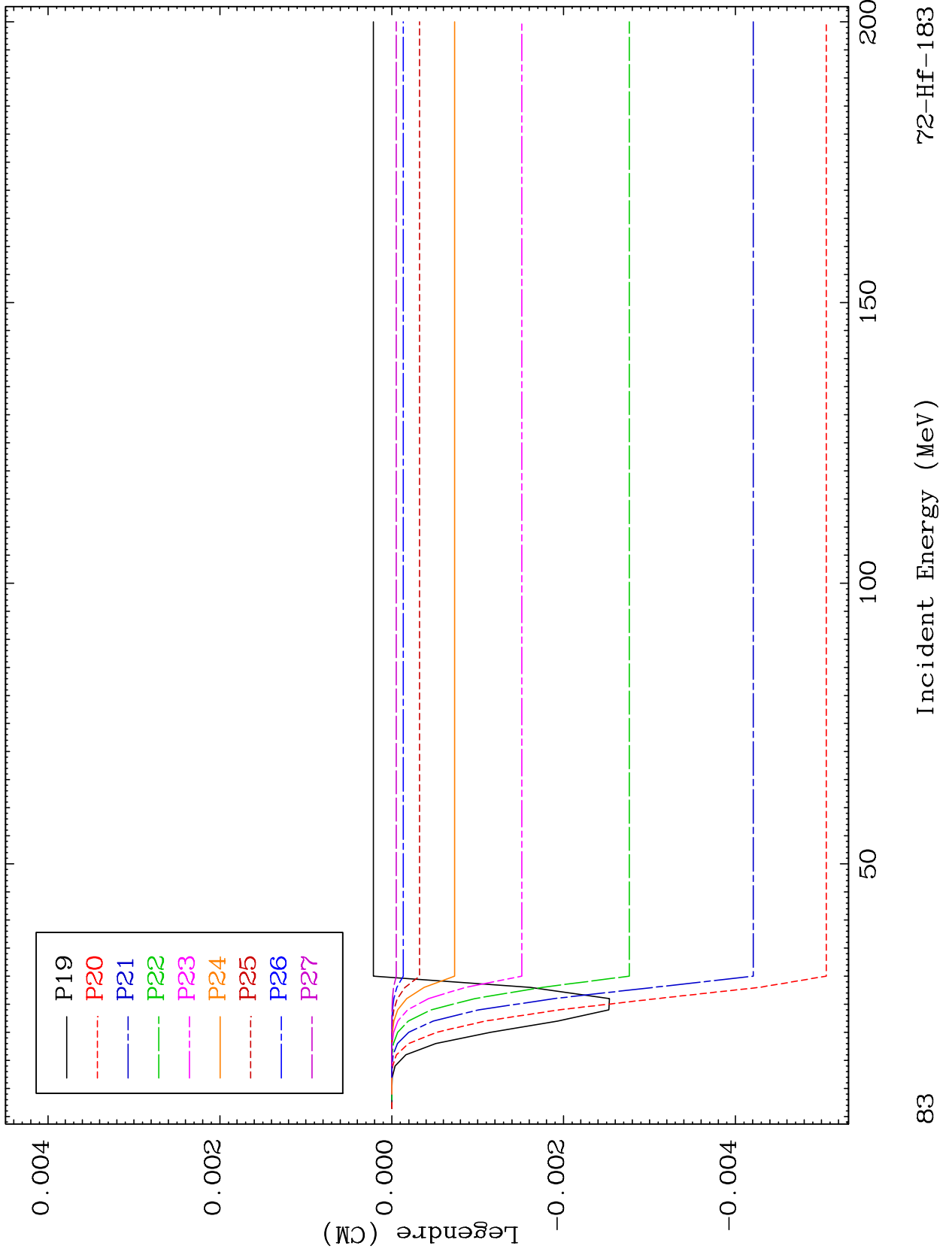


72-Hf-183

Incident Energy (MeV)

81

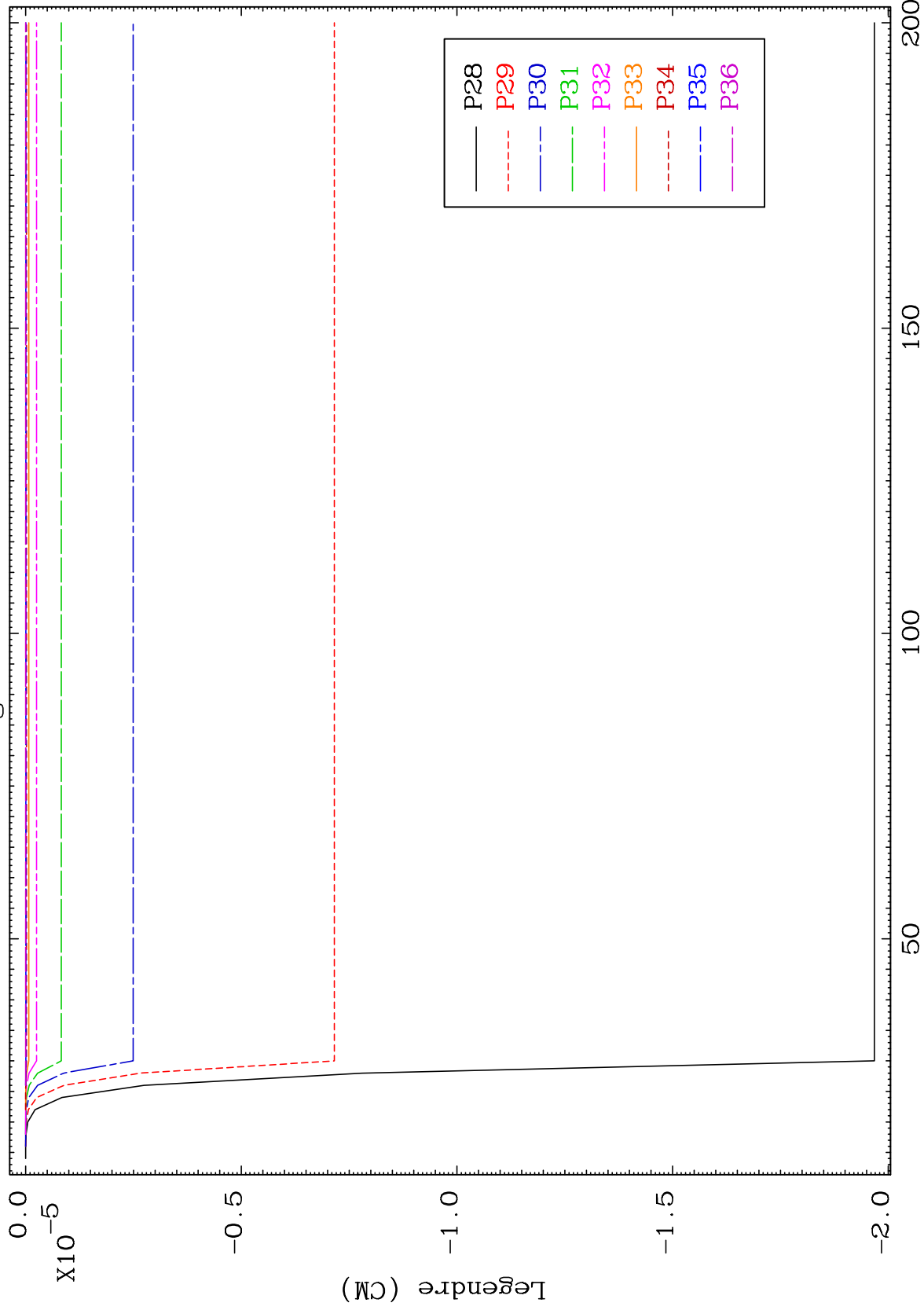




MAT 7252

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

72-Hf-183



84

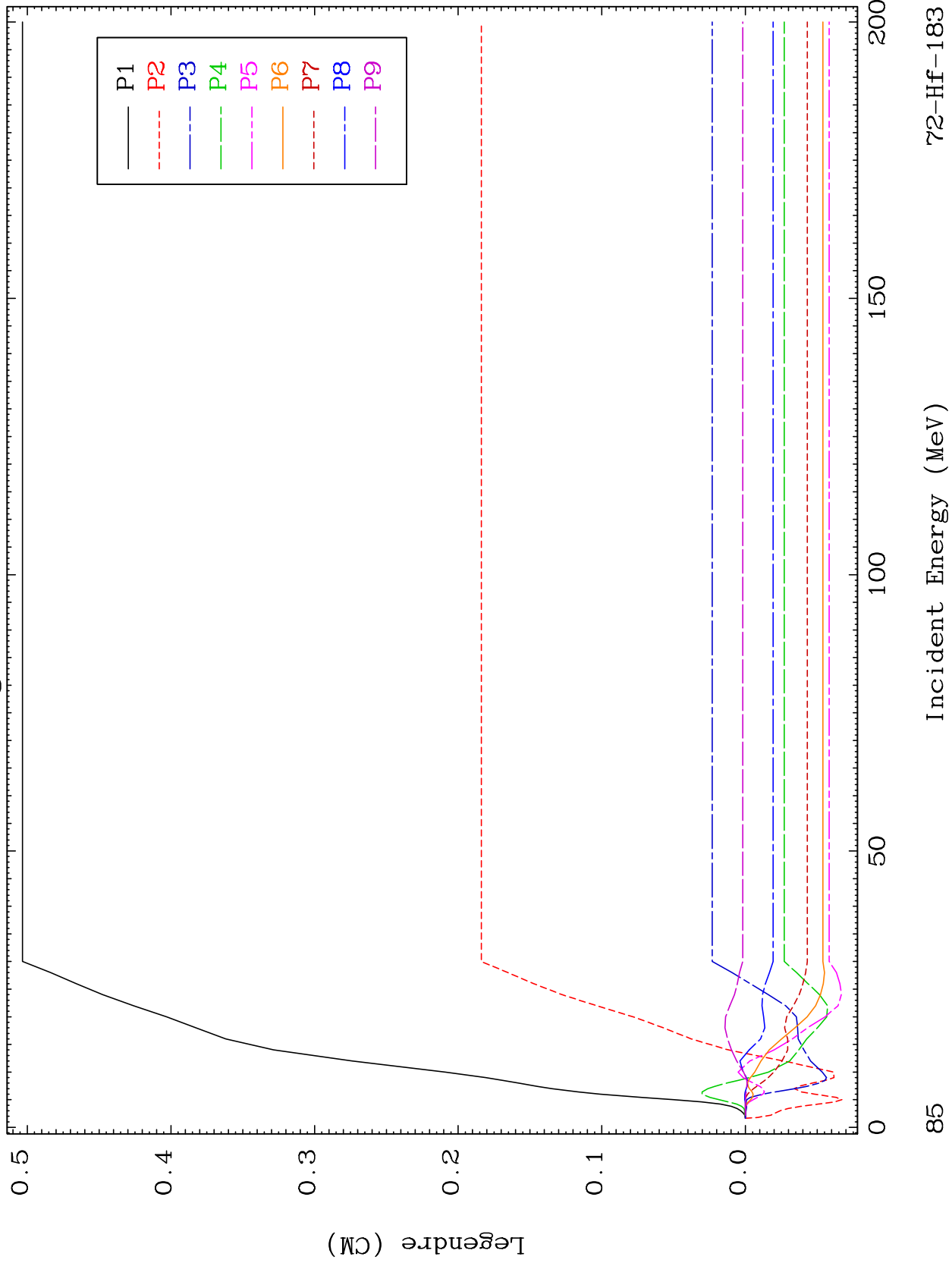
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



72-Hf-183

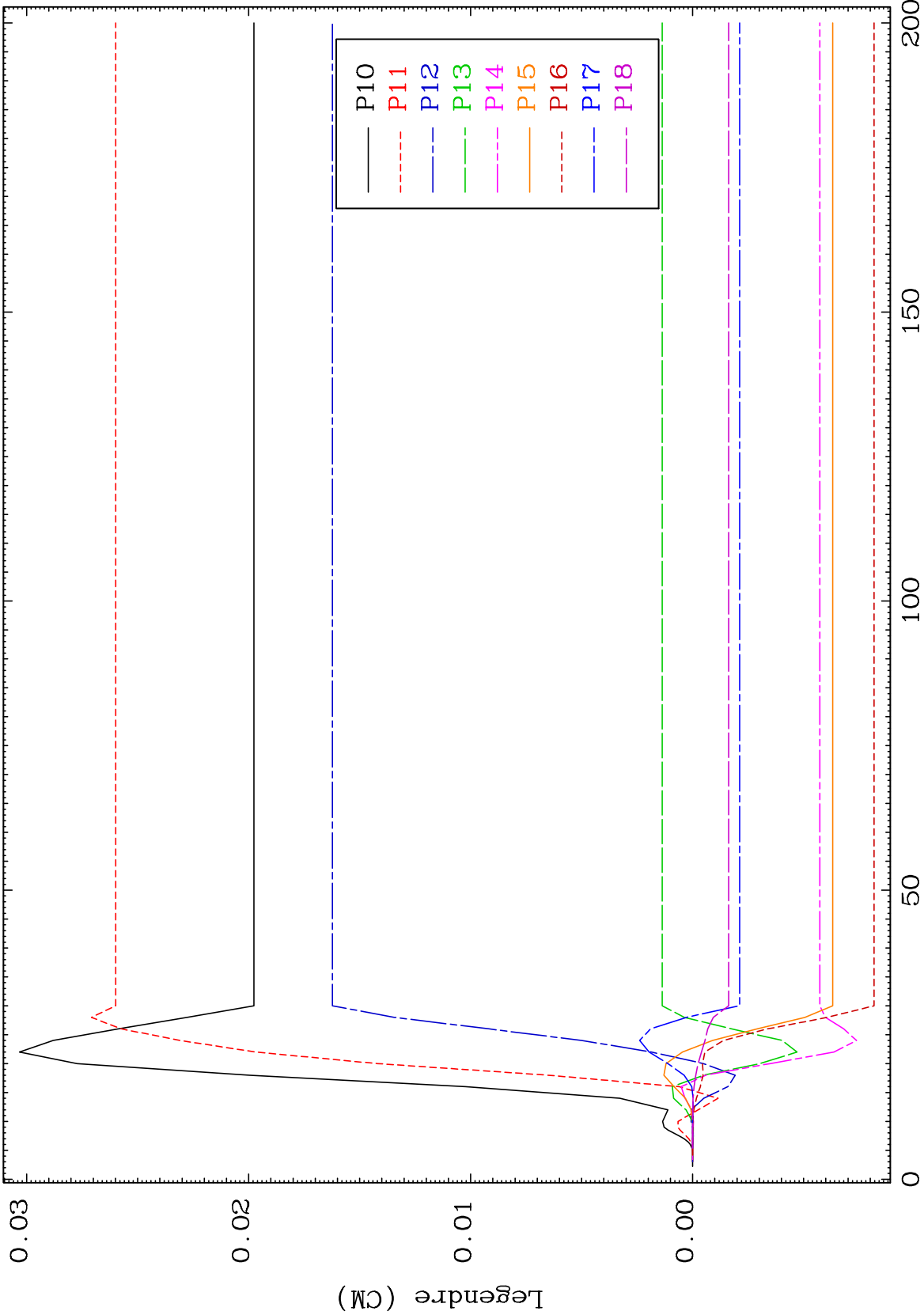
Incident Energy (MeV)

85

MAT 7252

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

72-Hf-183



86

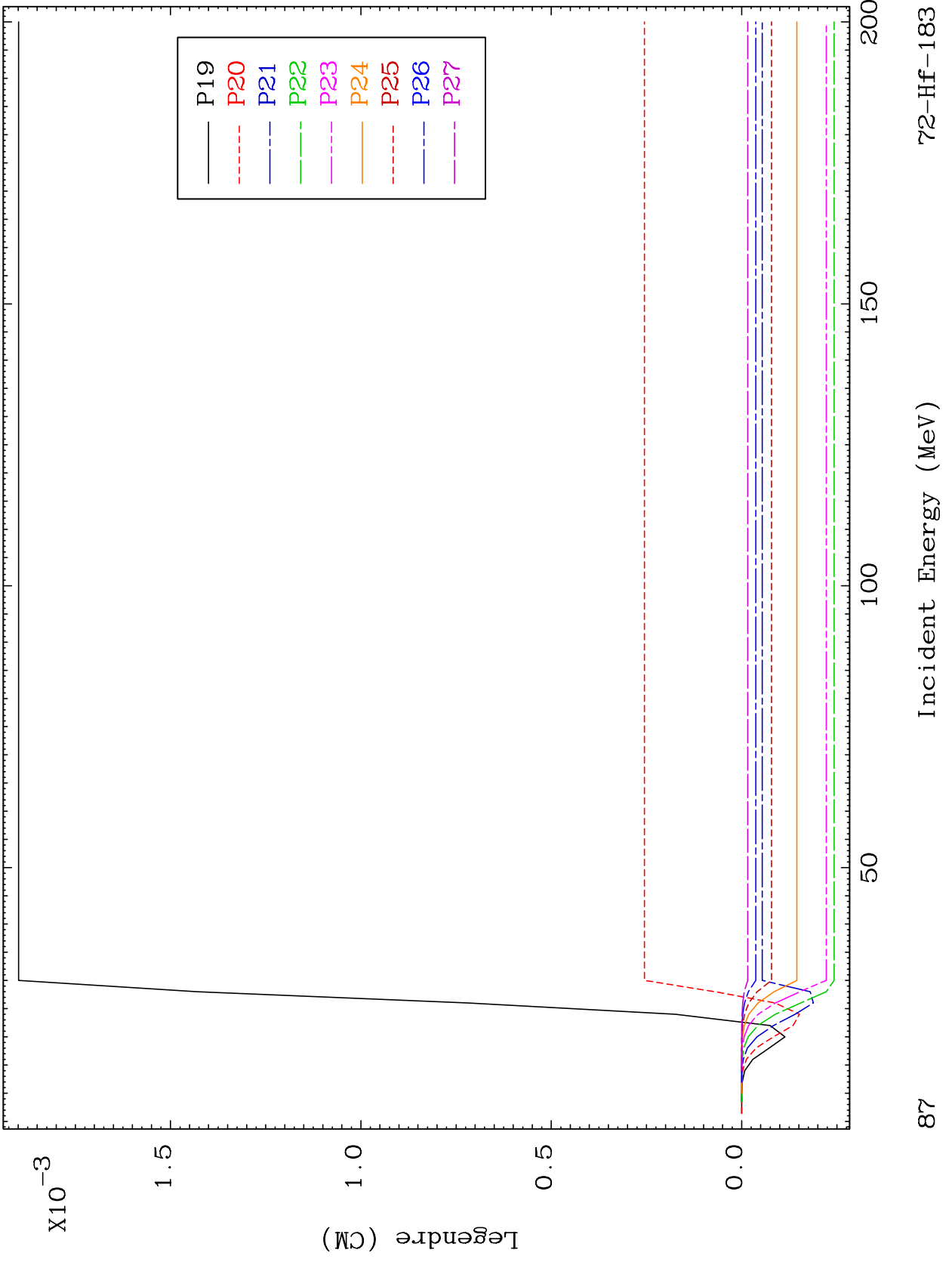
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



87

Incident Energy (MeV)

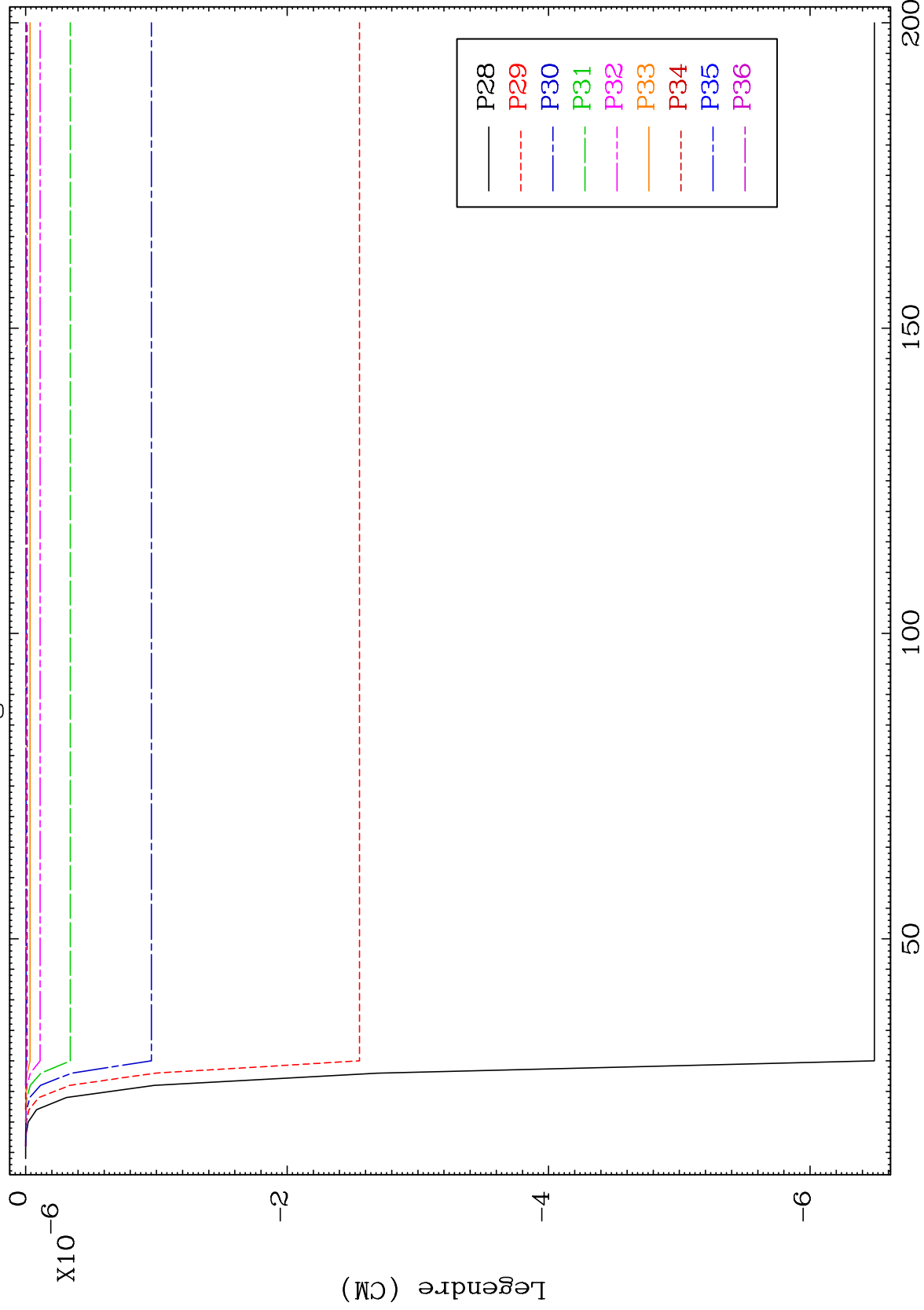
72-Hf-183



MAT 7252

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

72-Hf-183



88

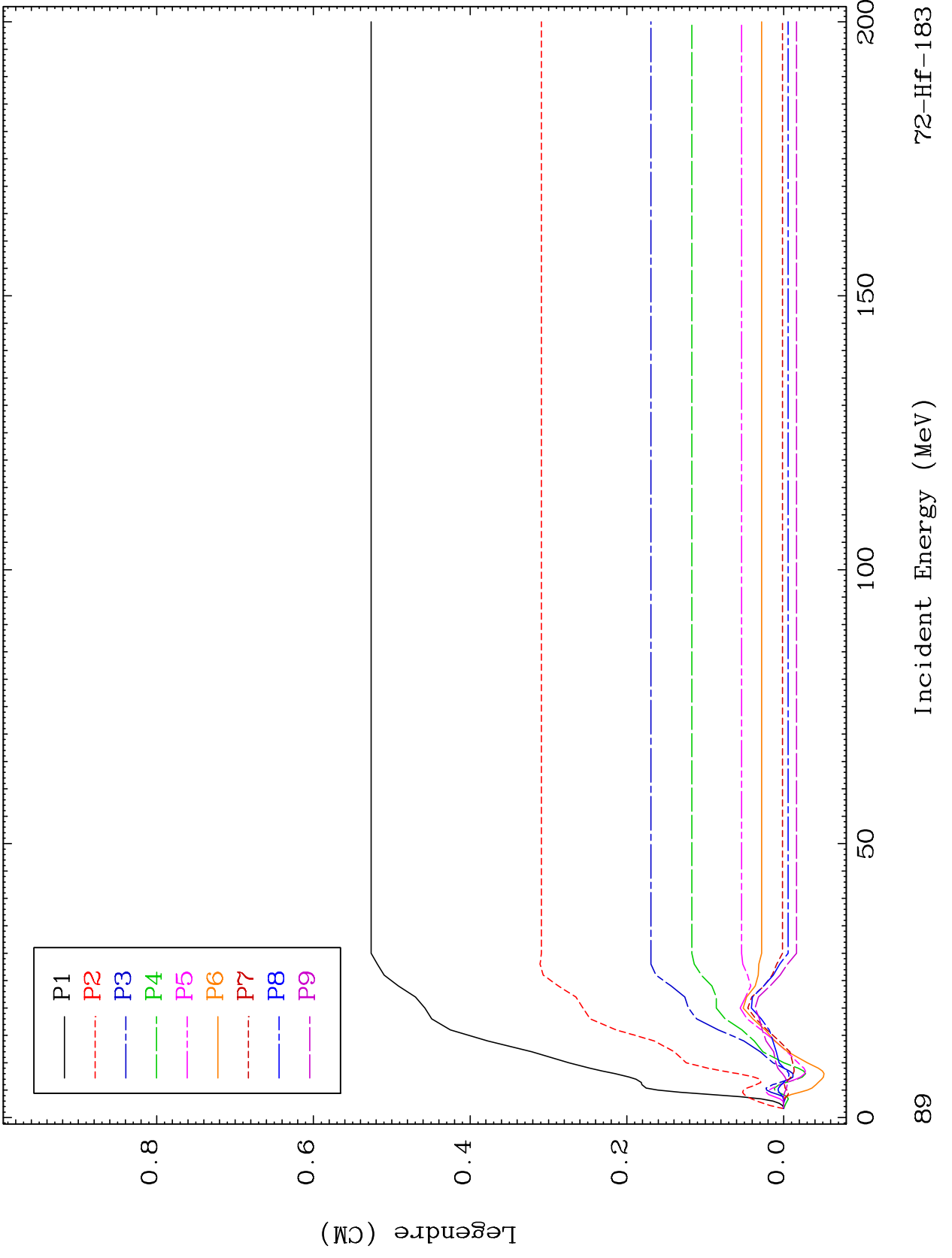
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



72-Hf-183

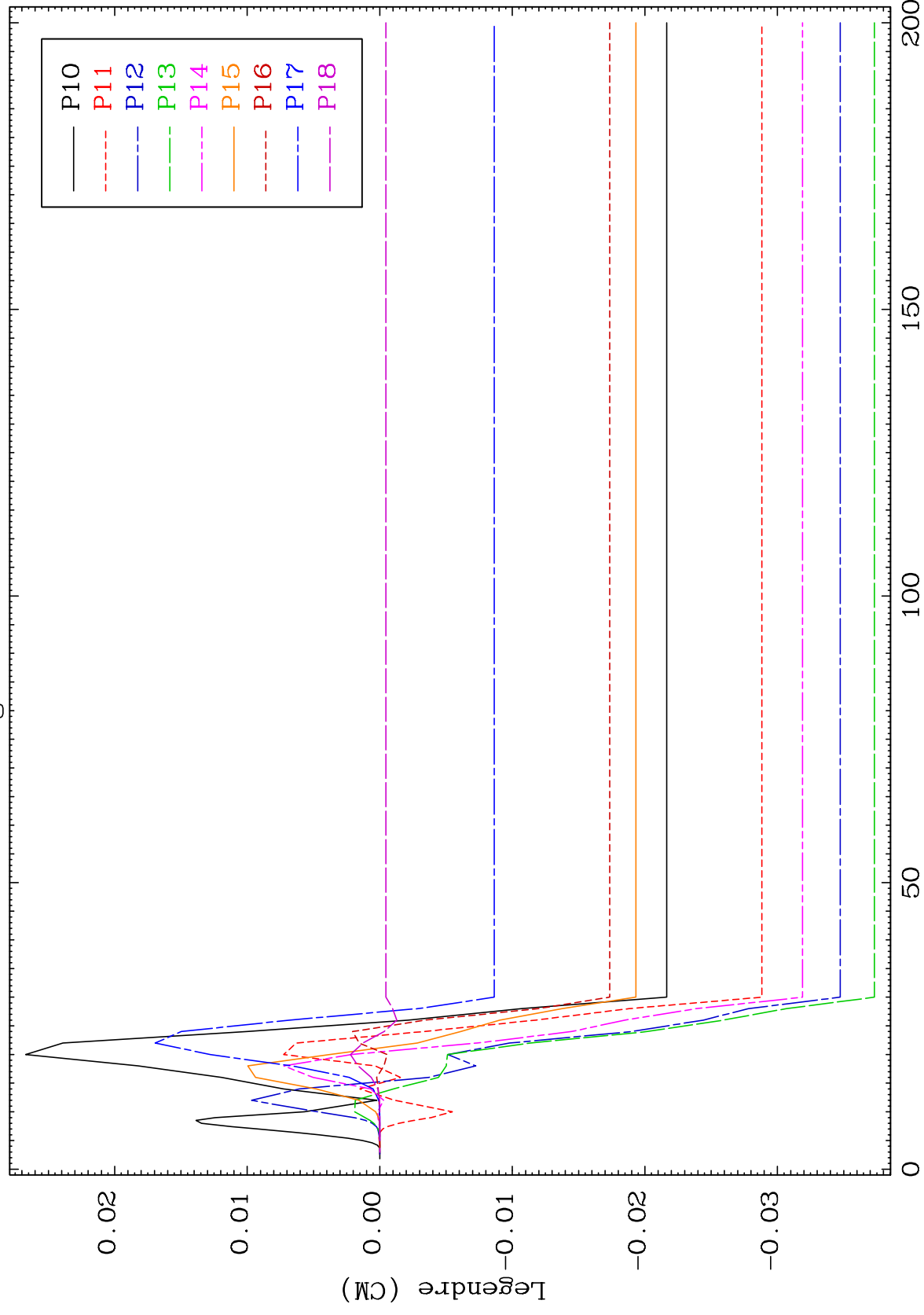
Incident Energy (MeV)

89

MAT 7252

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

72-Hf-183



90

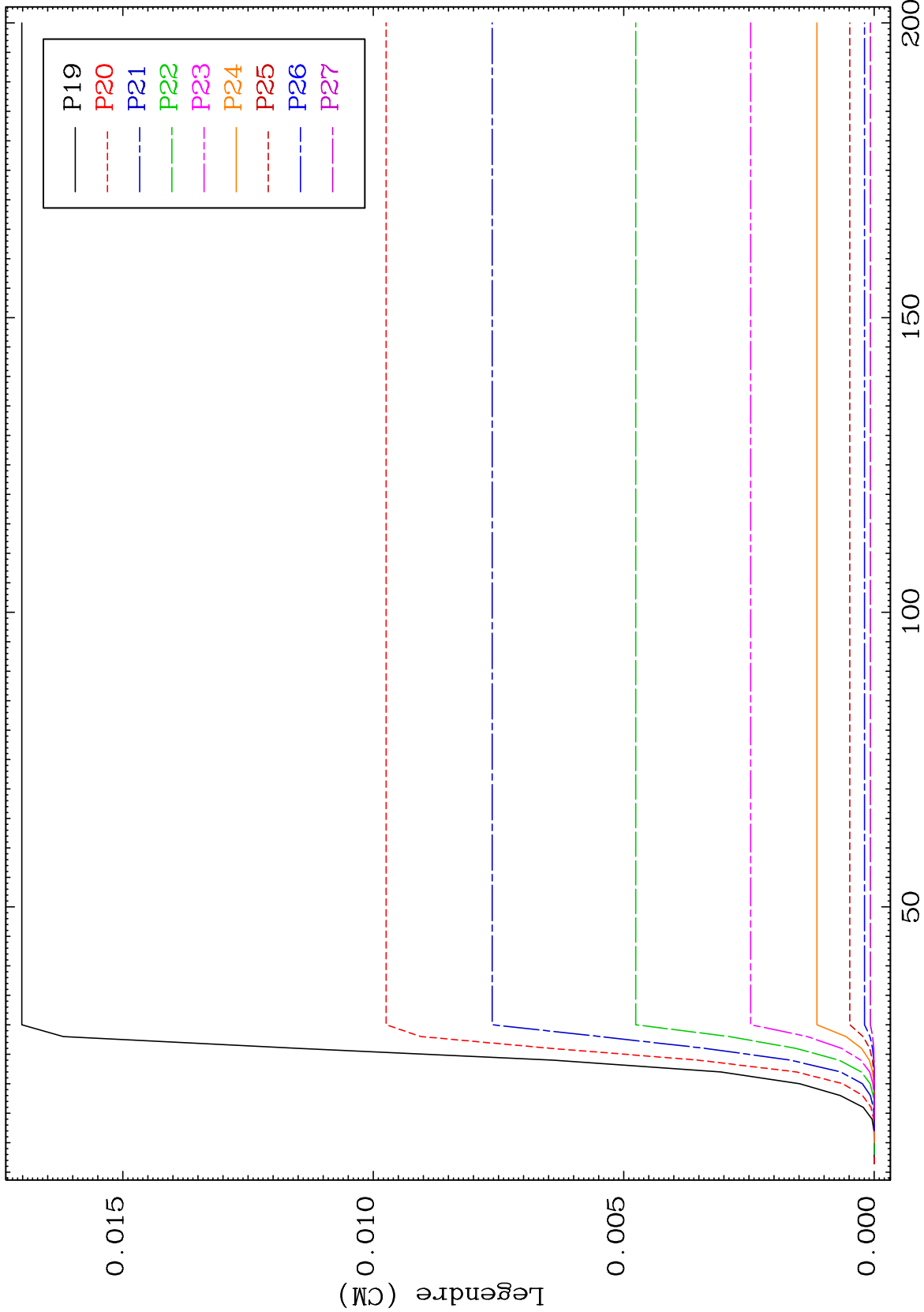
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



91

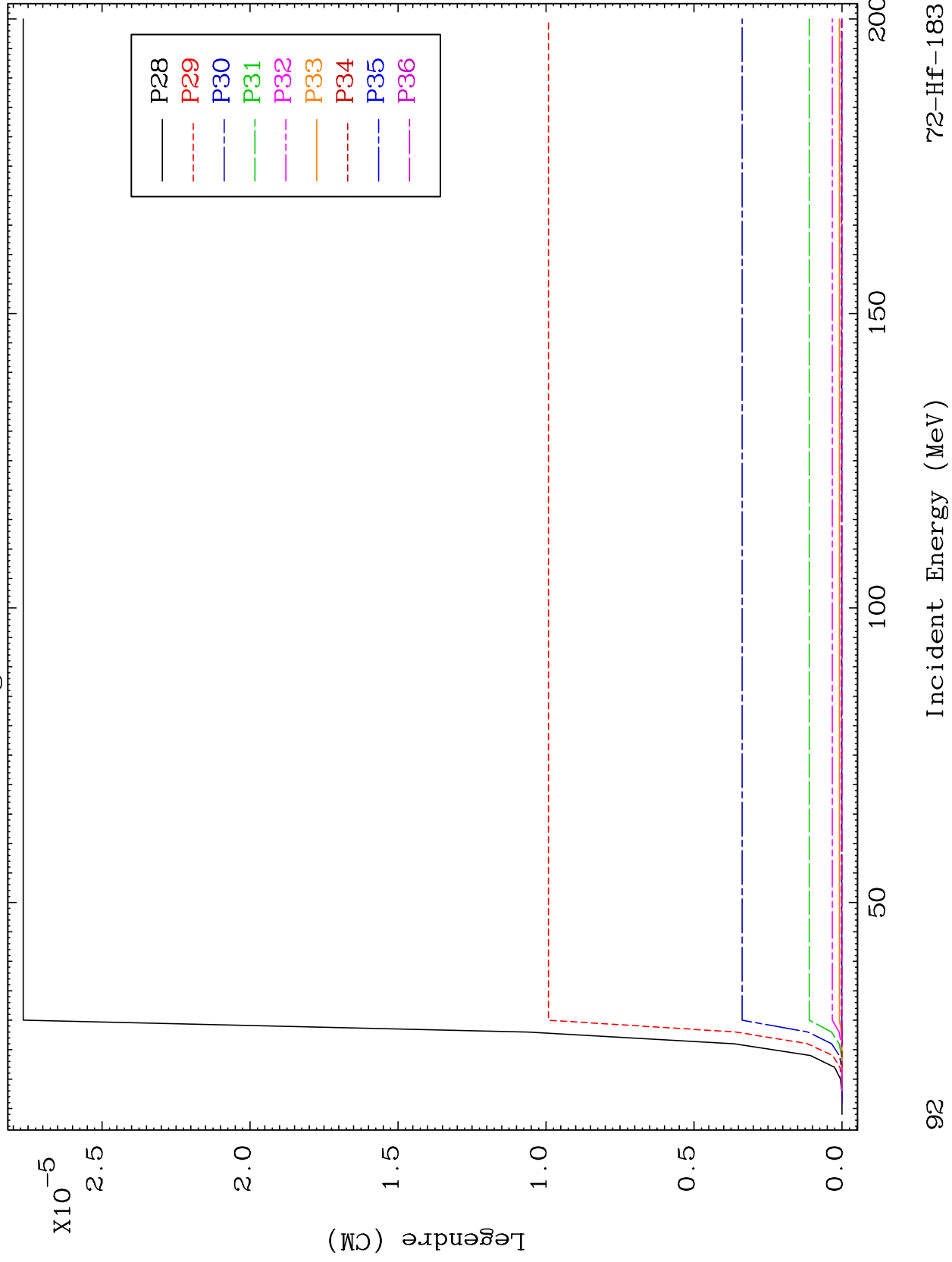
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

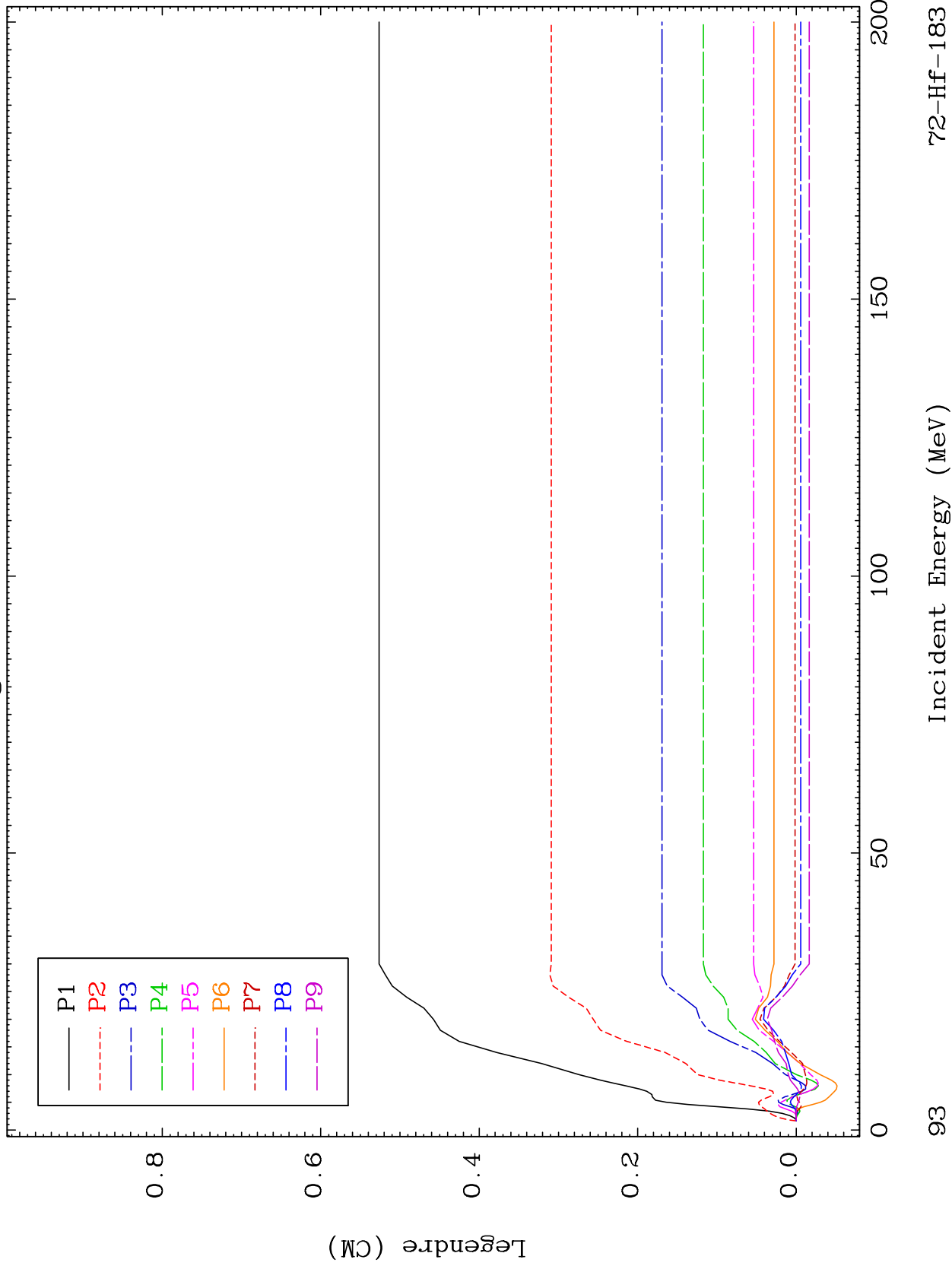
72-Hf-183



MAT 7252

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

72-Hf-183

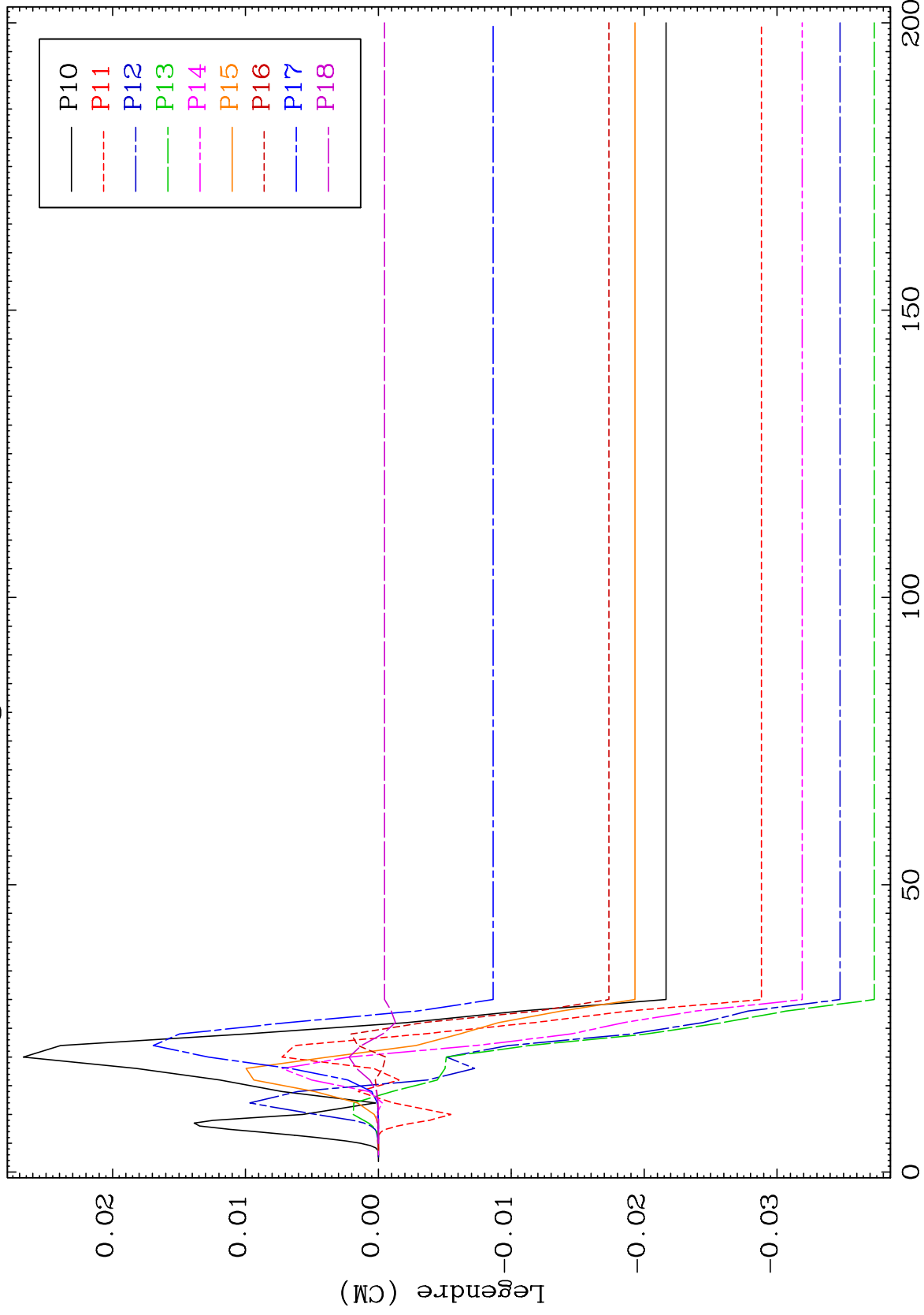


72-Hf-183

MAT 7252

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

72-Hf-183



94

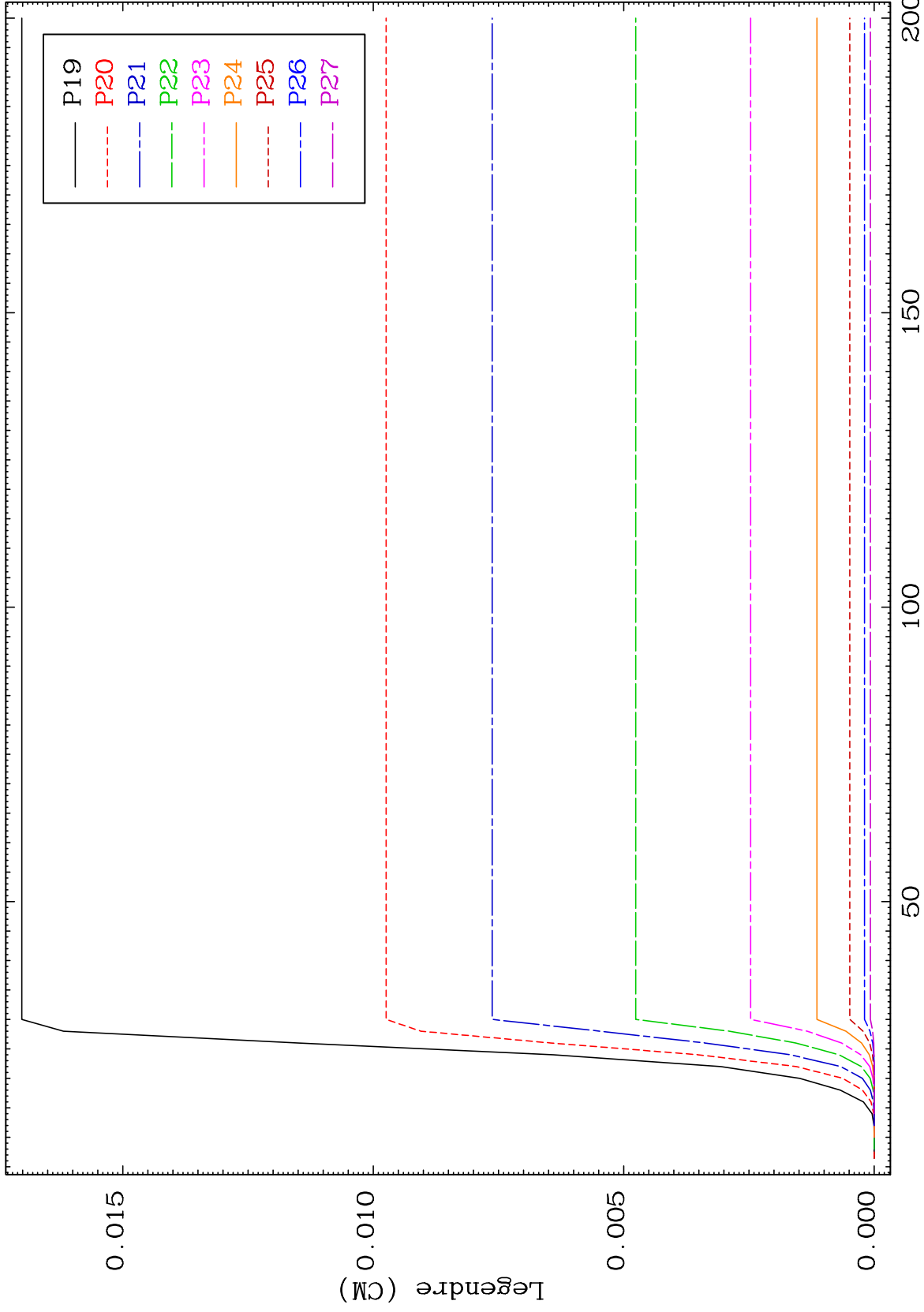
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



95

Incident Energy (MeV)

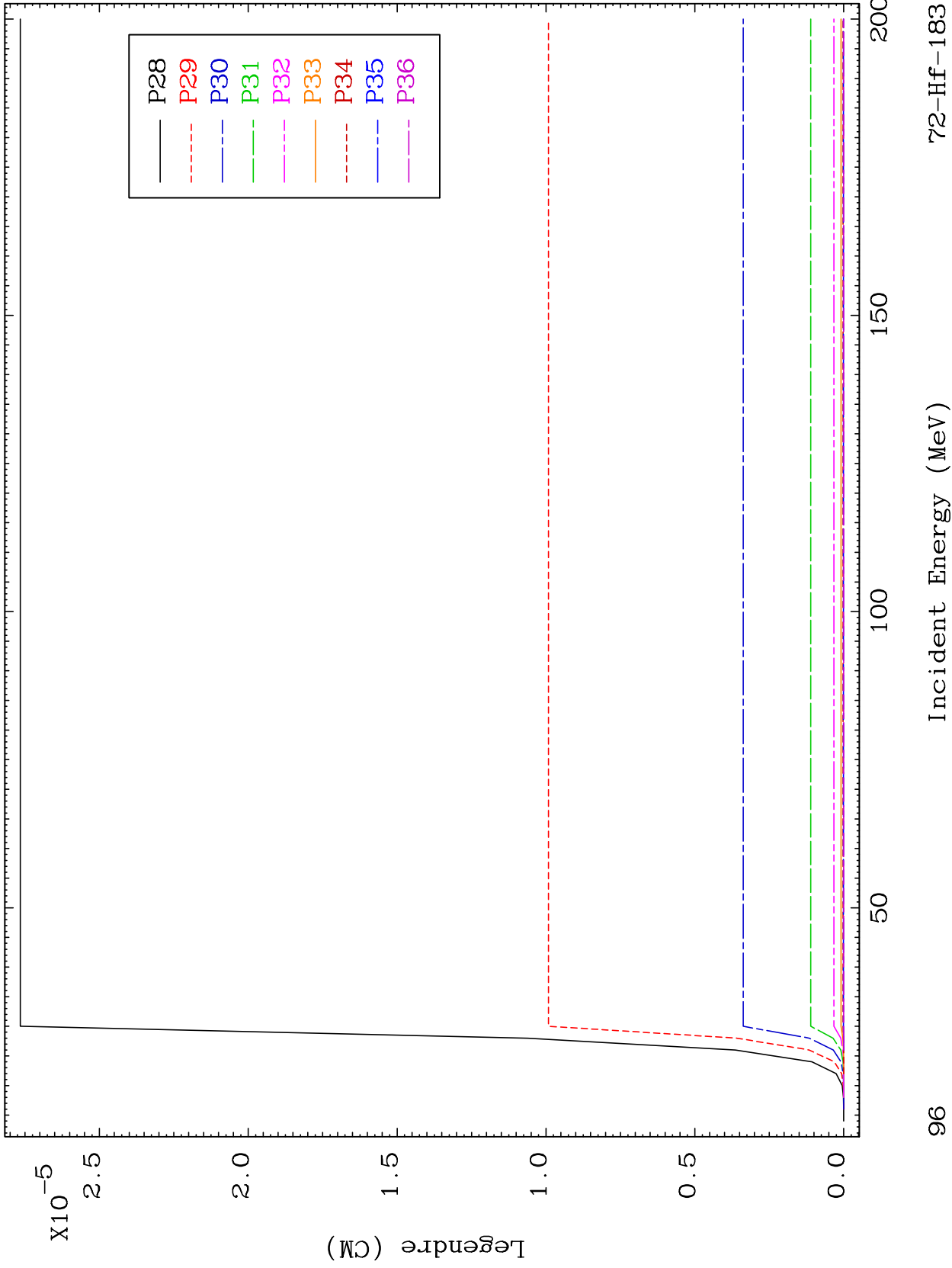
72-Hf-183



MAT 7252

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

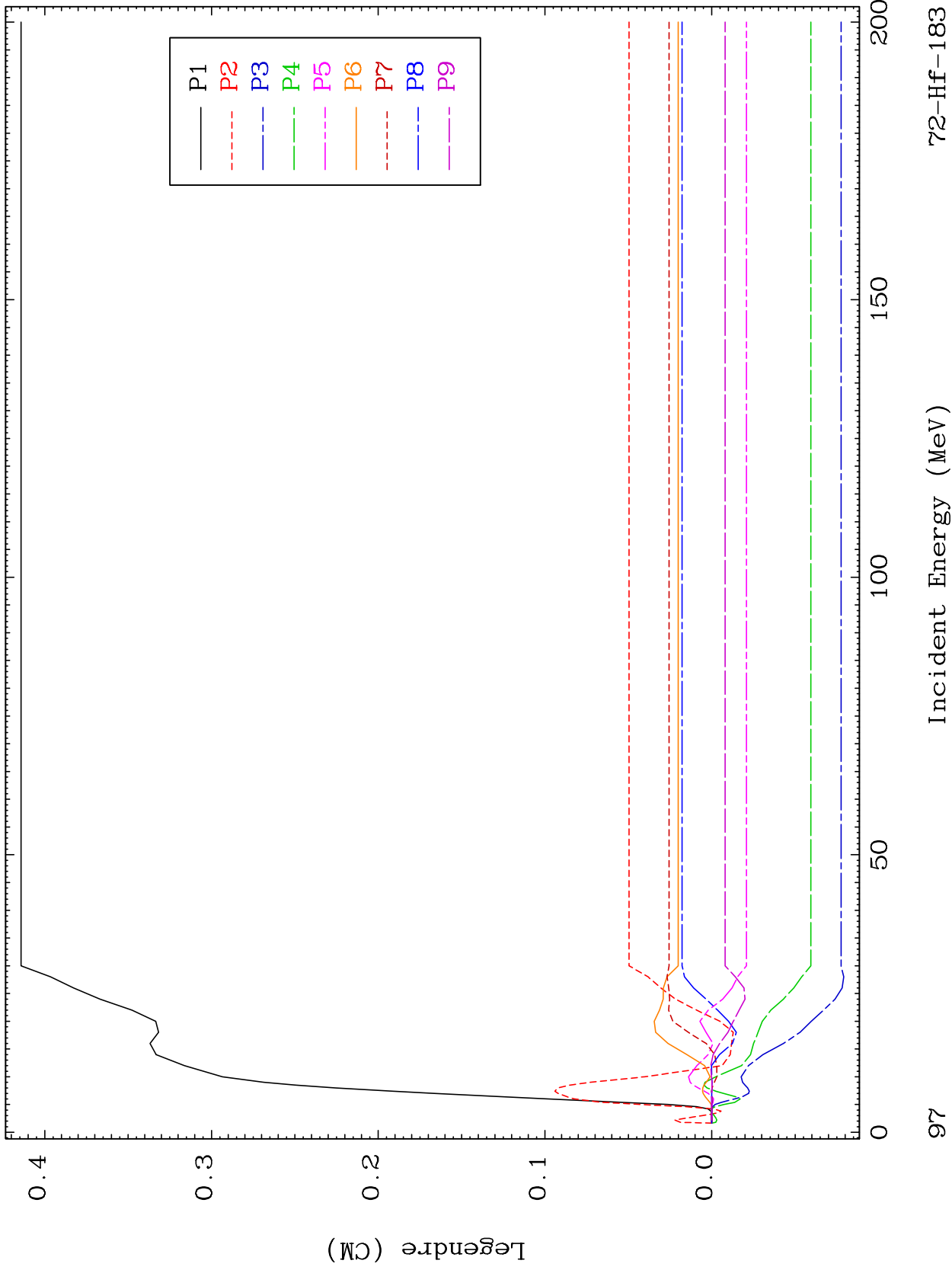
72-Hf-183



MAT 7252

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

72-Hf-183



97

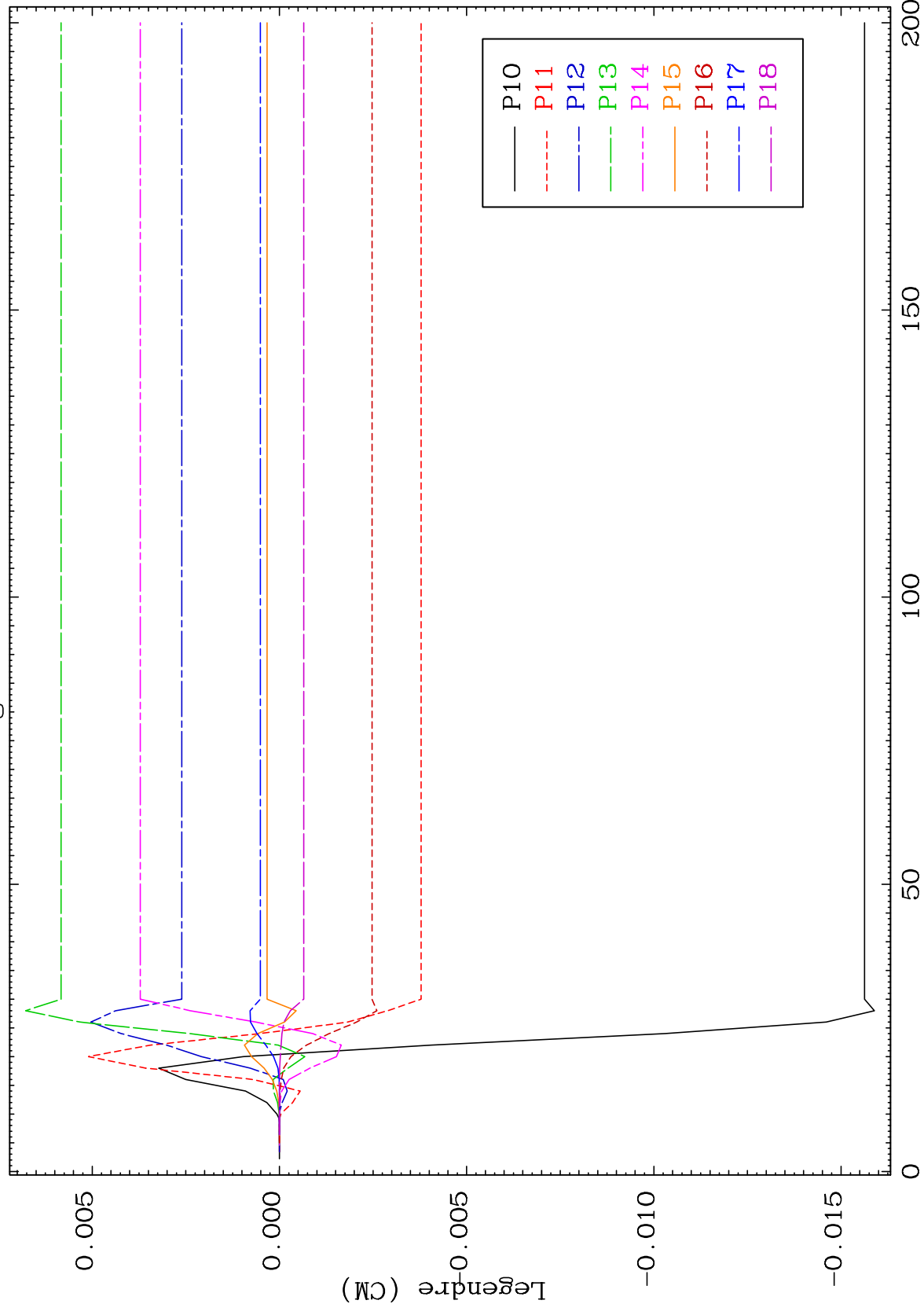
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



98

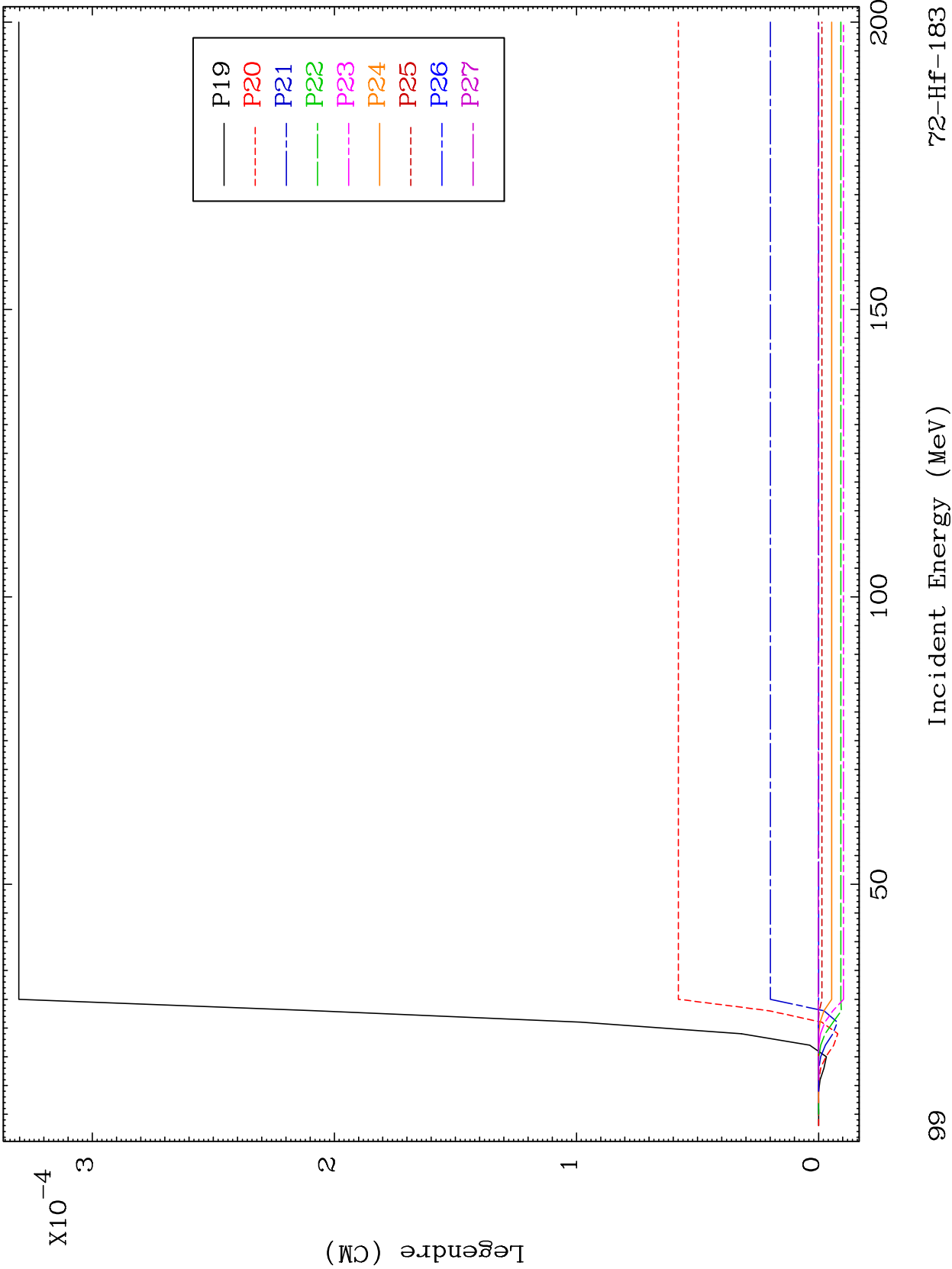
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



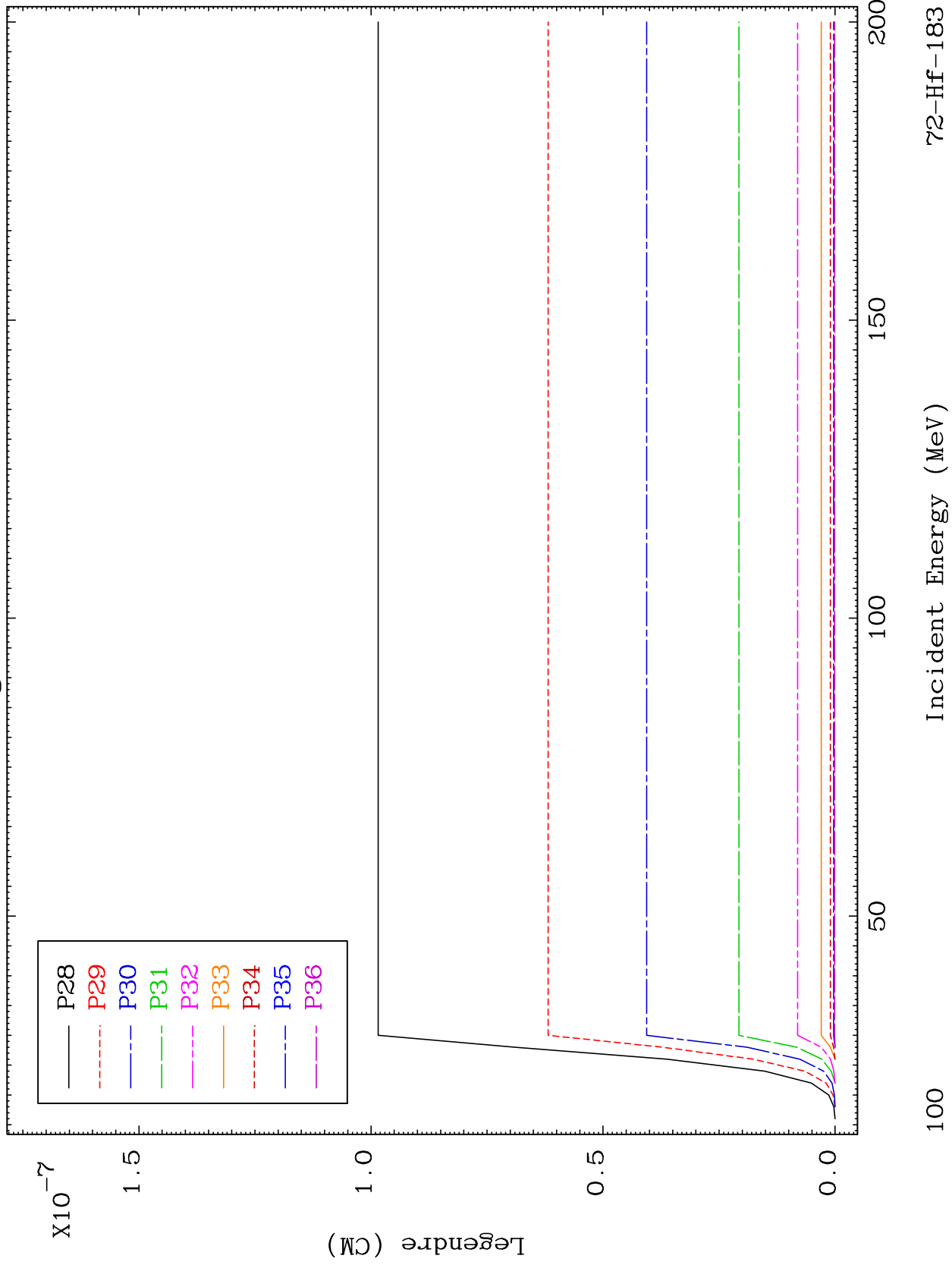
99

72-Hf-183

MAT 7252

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

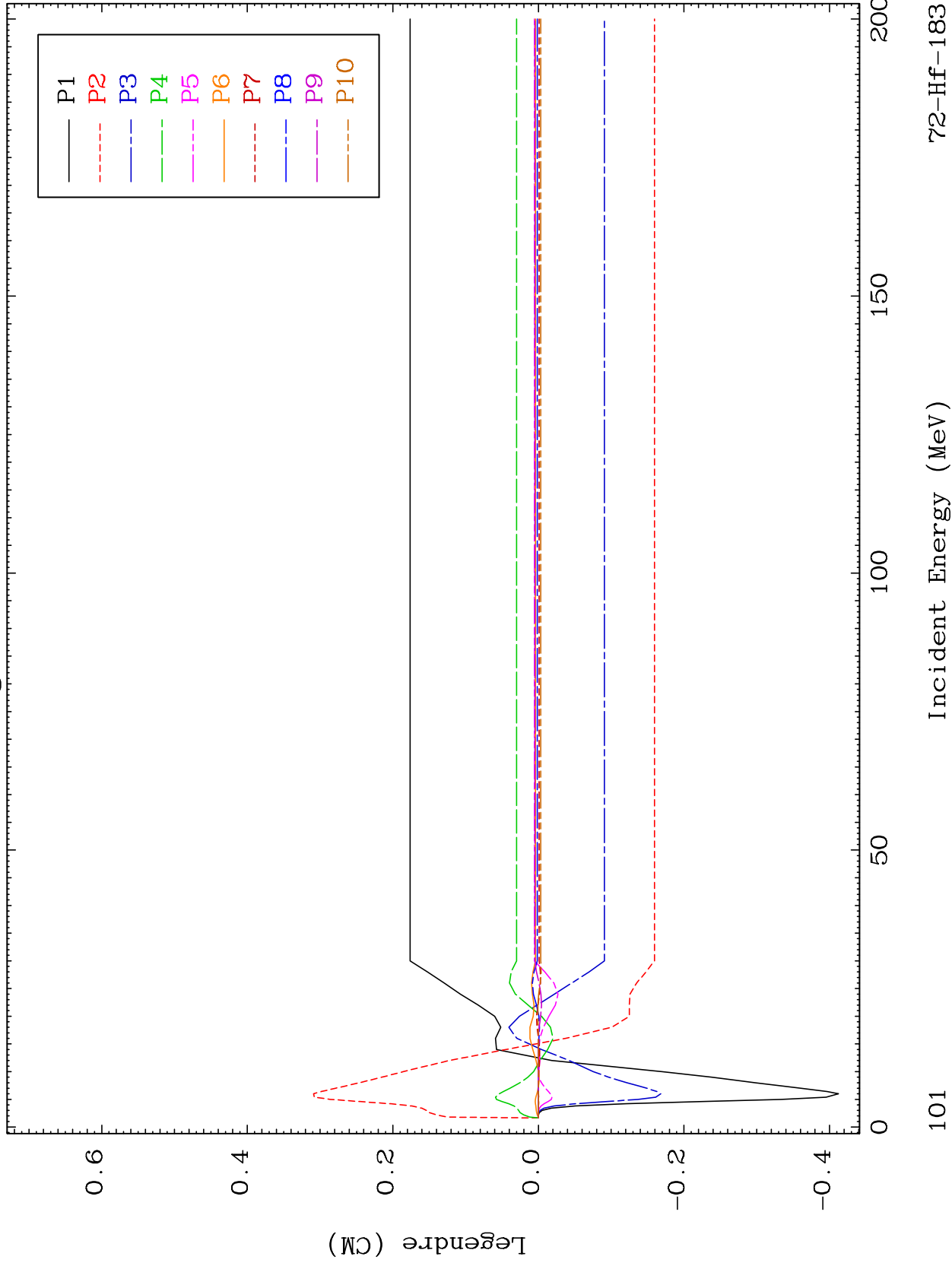
72-Hf-183



MAT 7252

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

72-Hf-183



72-Hf-183

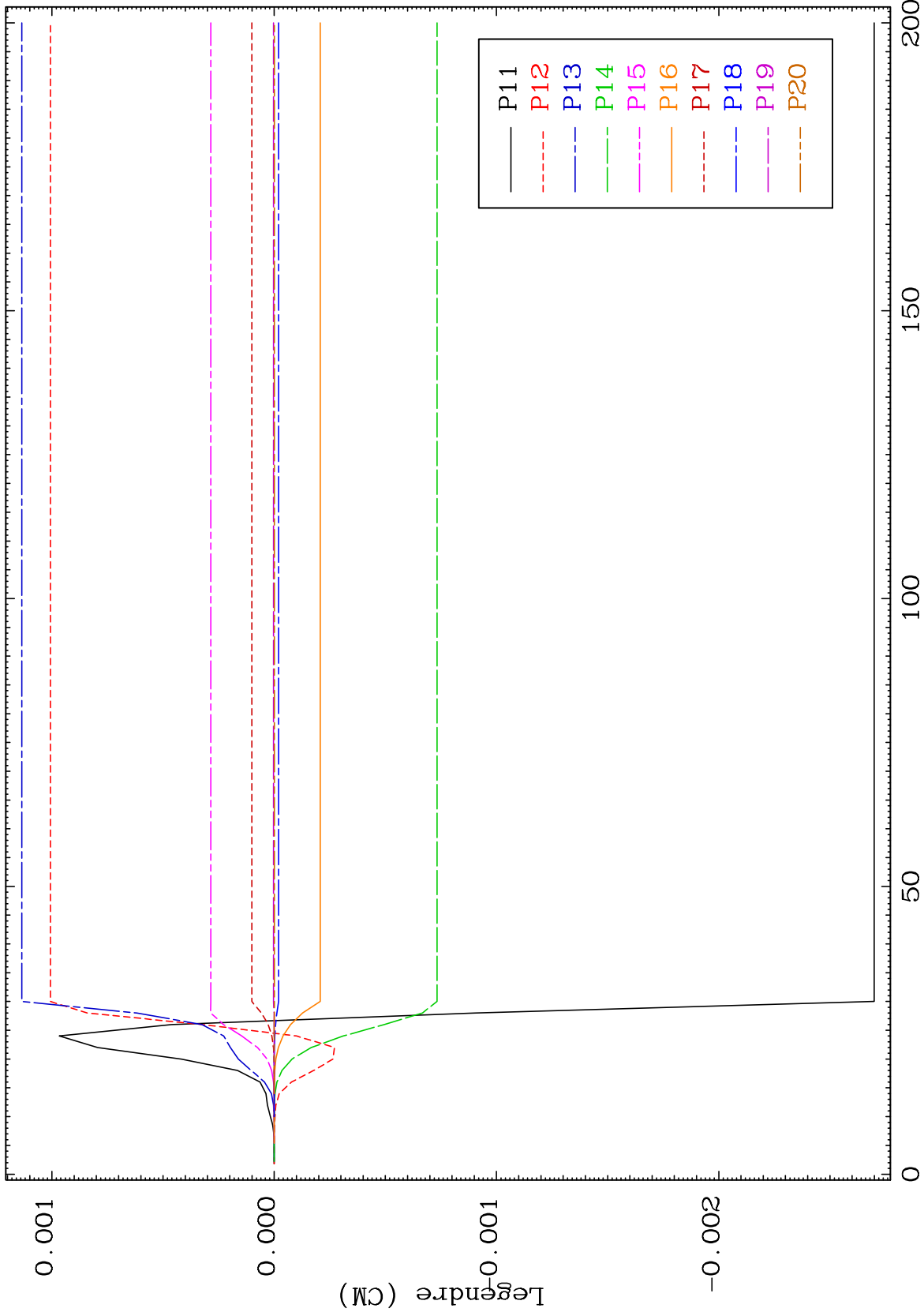
Incident Energy (MeV)

101

MAT 7252

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

72-Hf-183



102

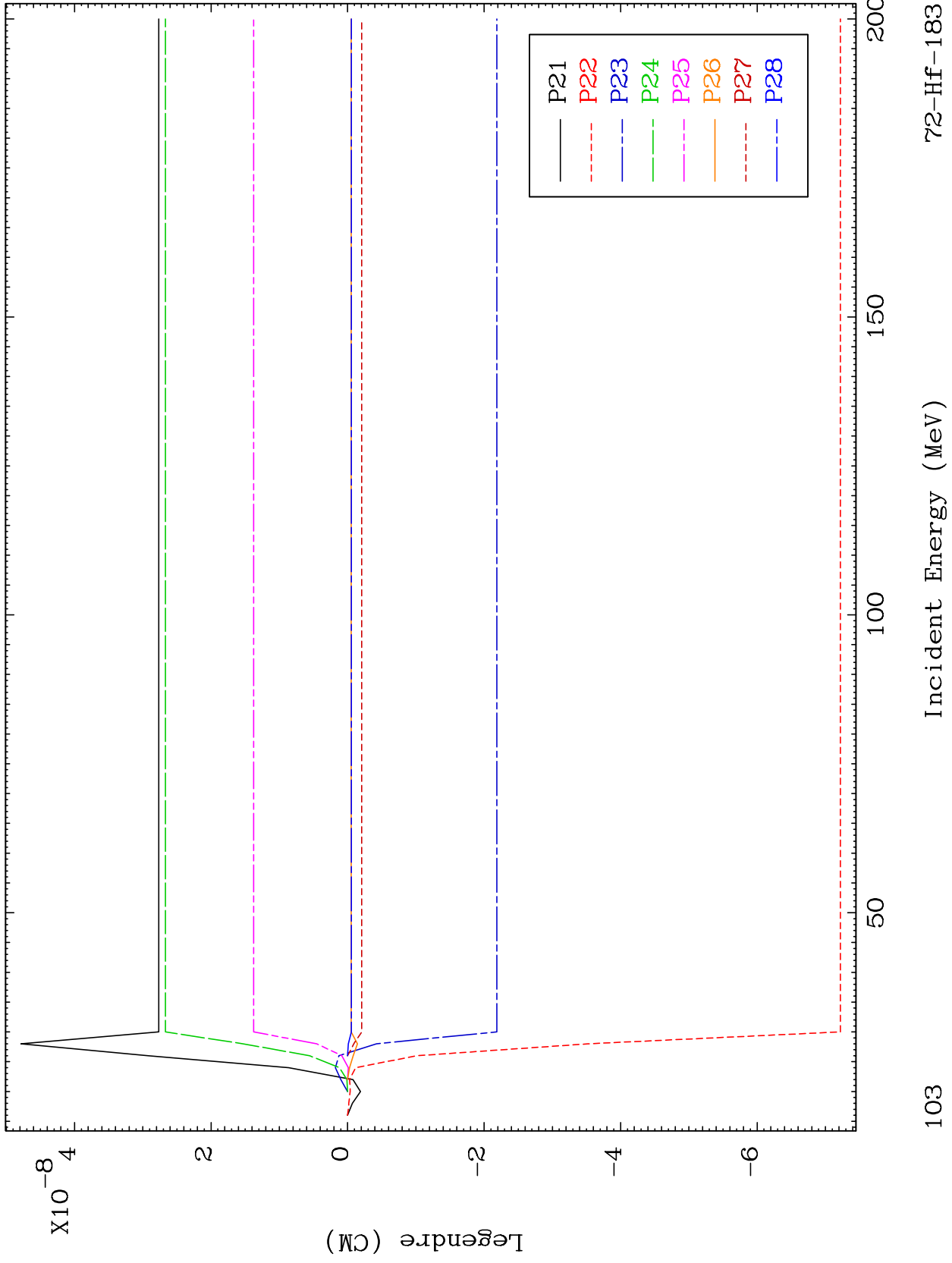
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183

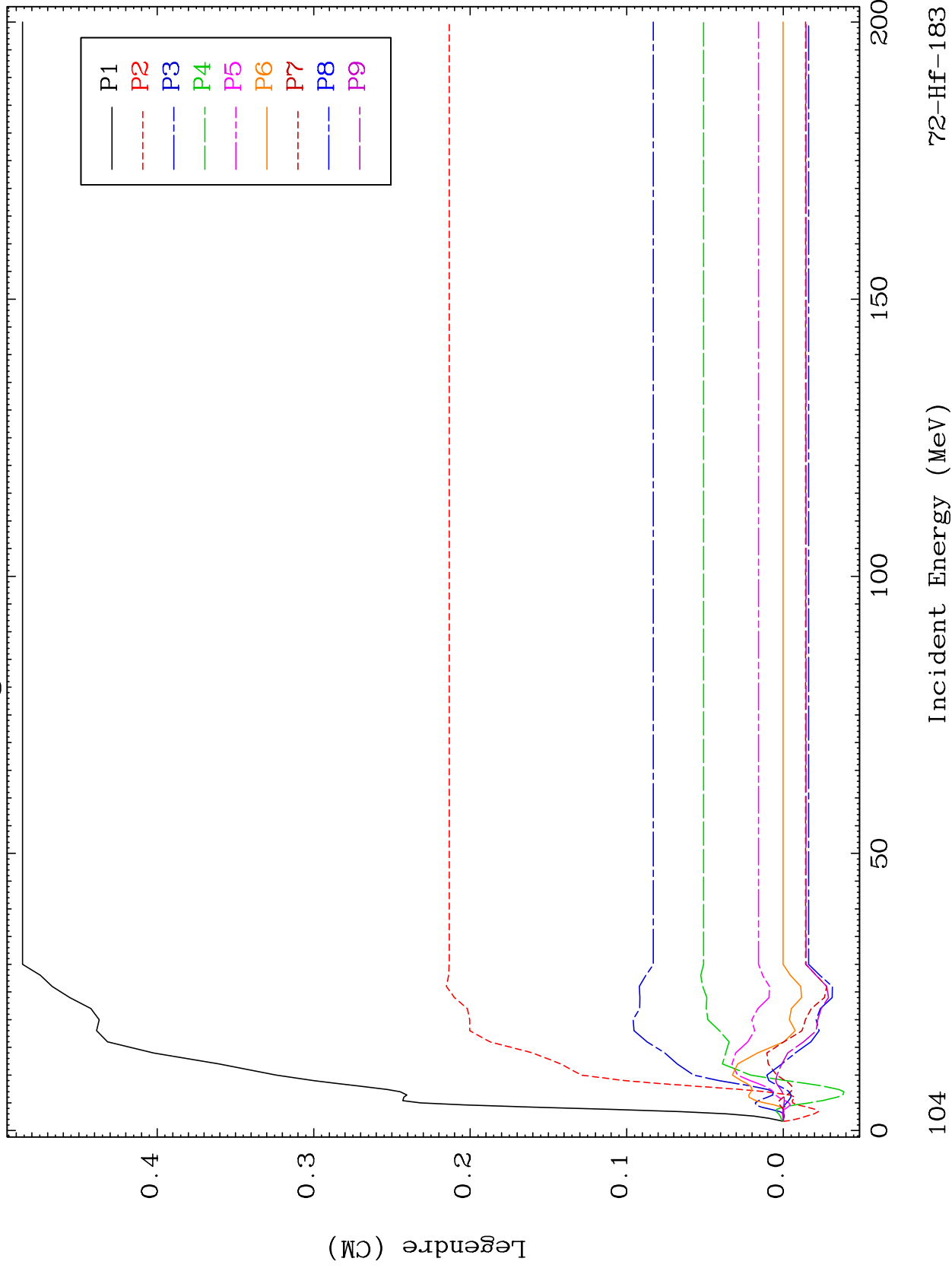




MAT 7252

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

72-Hf-183



72-Hf-183

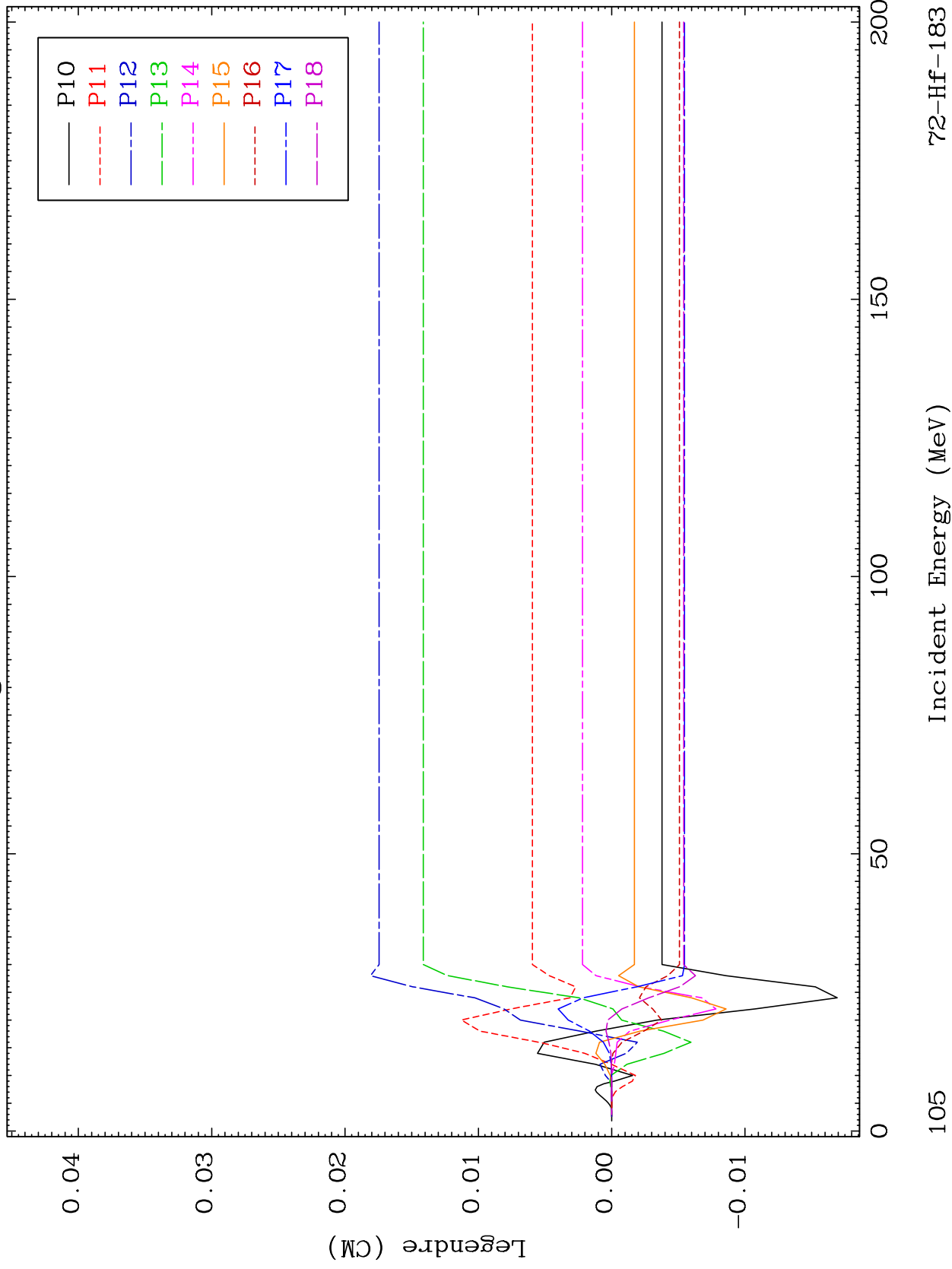
Incident Energy (MeV)

104

MAT 7252

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

72-Hf-183



72-Hf-183

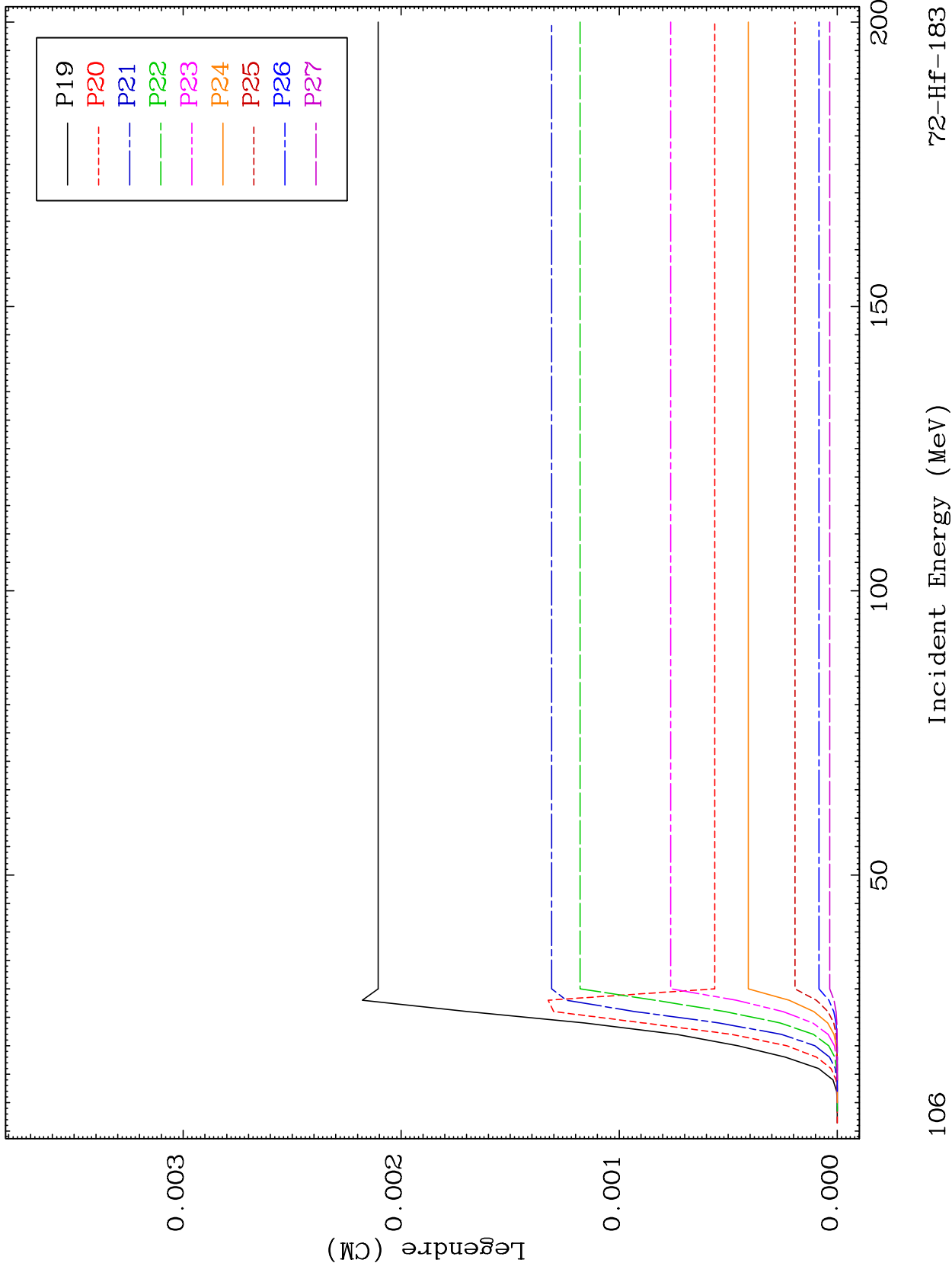
Incident Energy (MeV)

105

MAT 7252

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

72-Hf-183



106

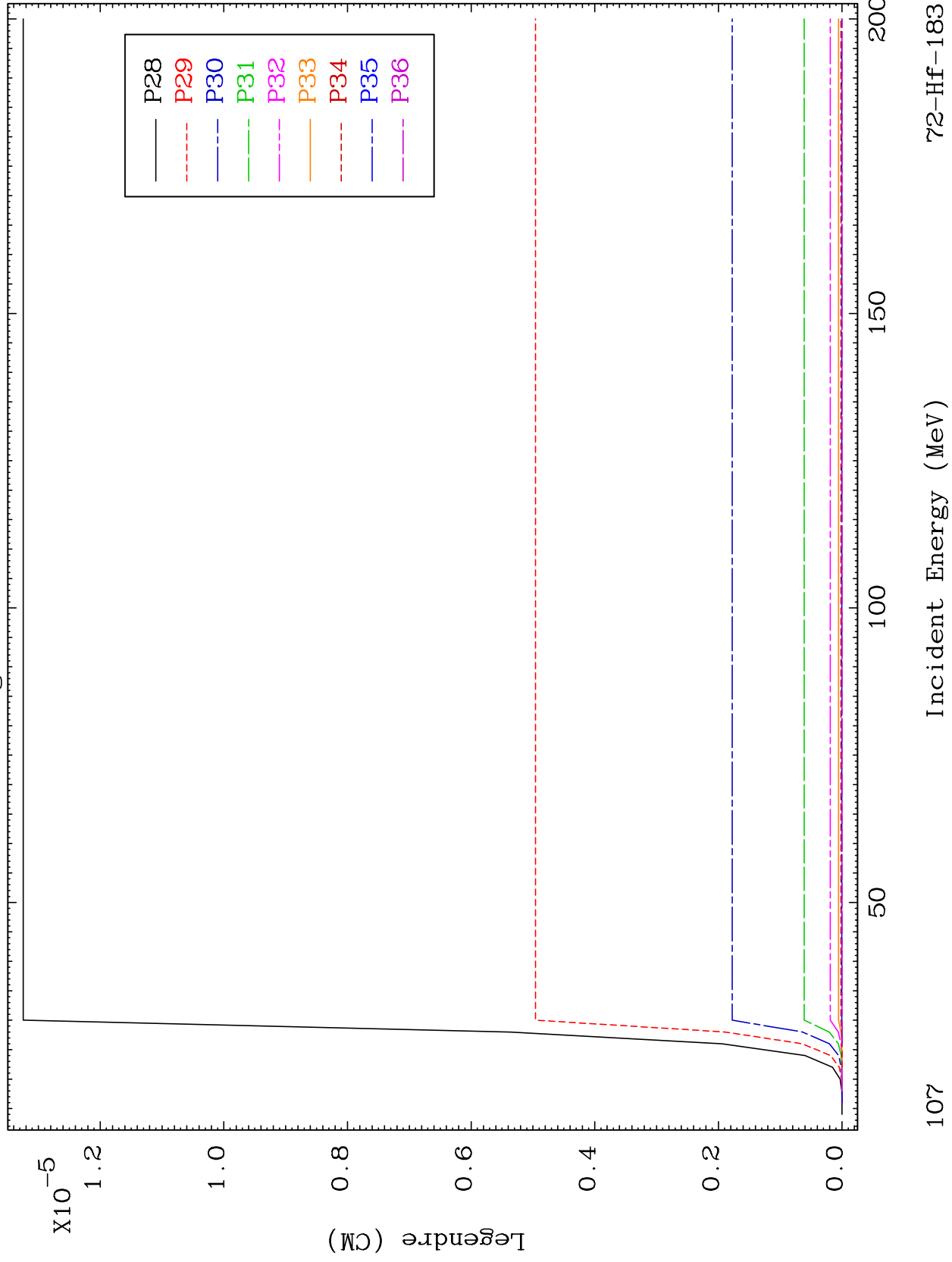
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183

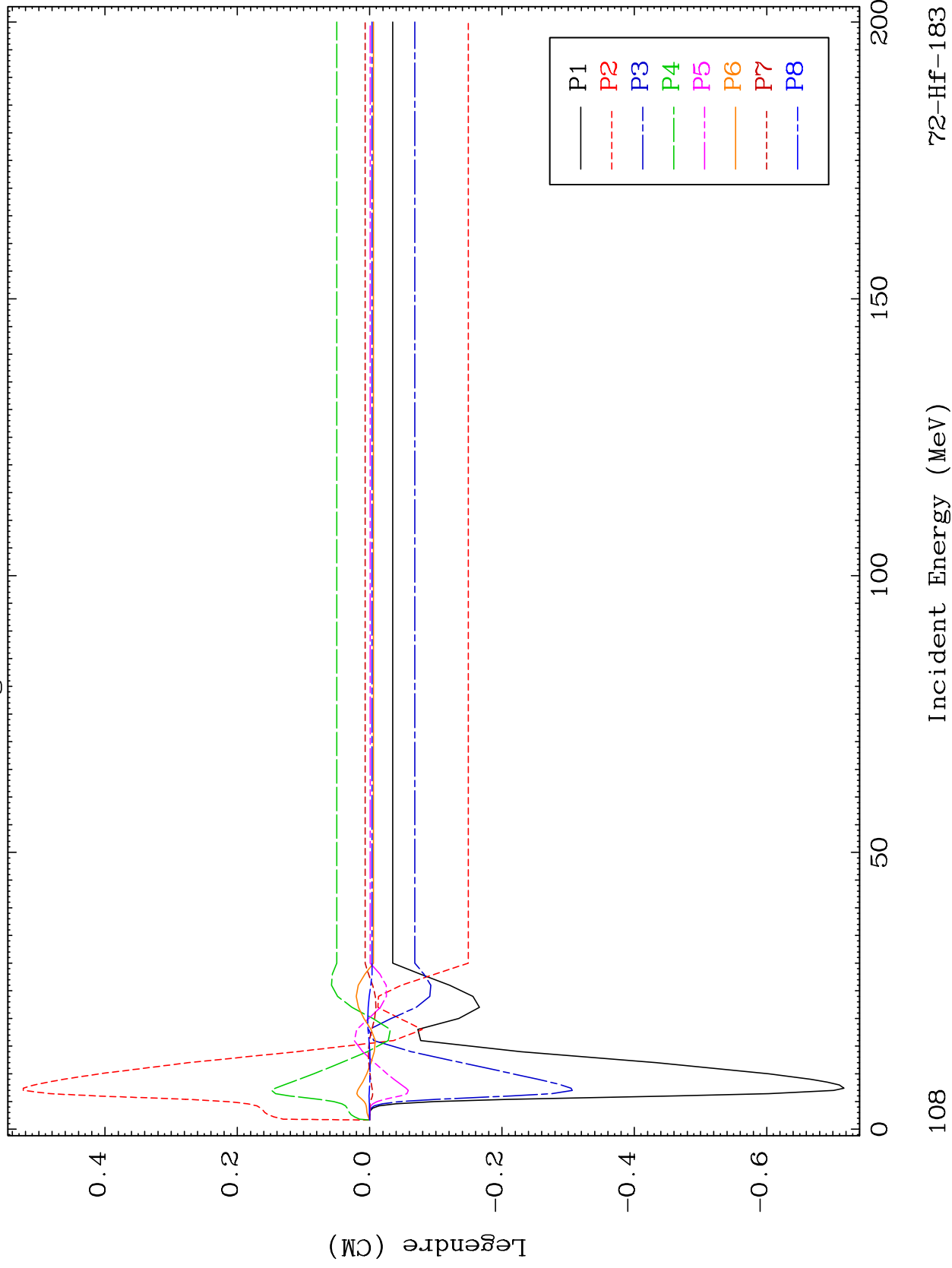


107

MAT 7252

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

72-Hf-183



72-Hf-183

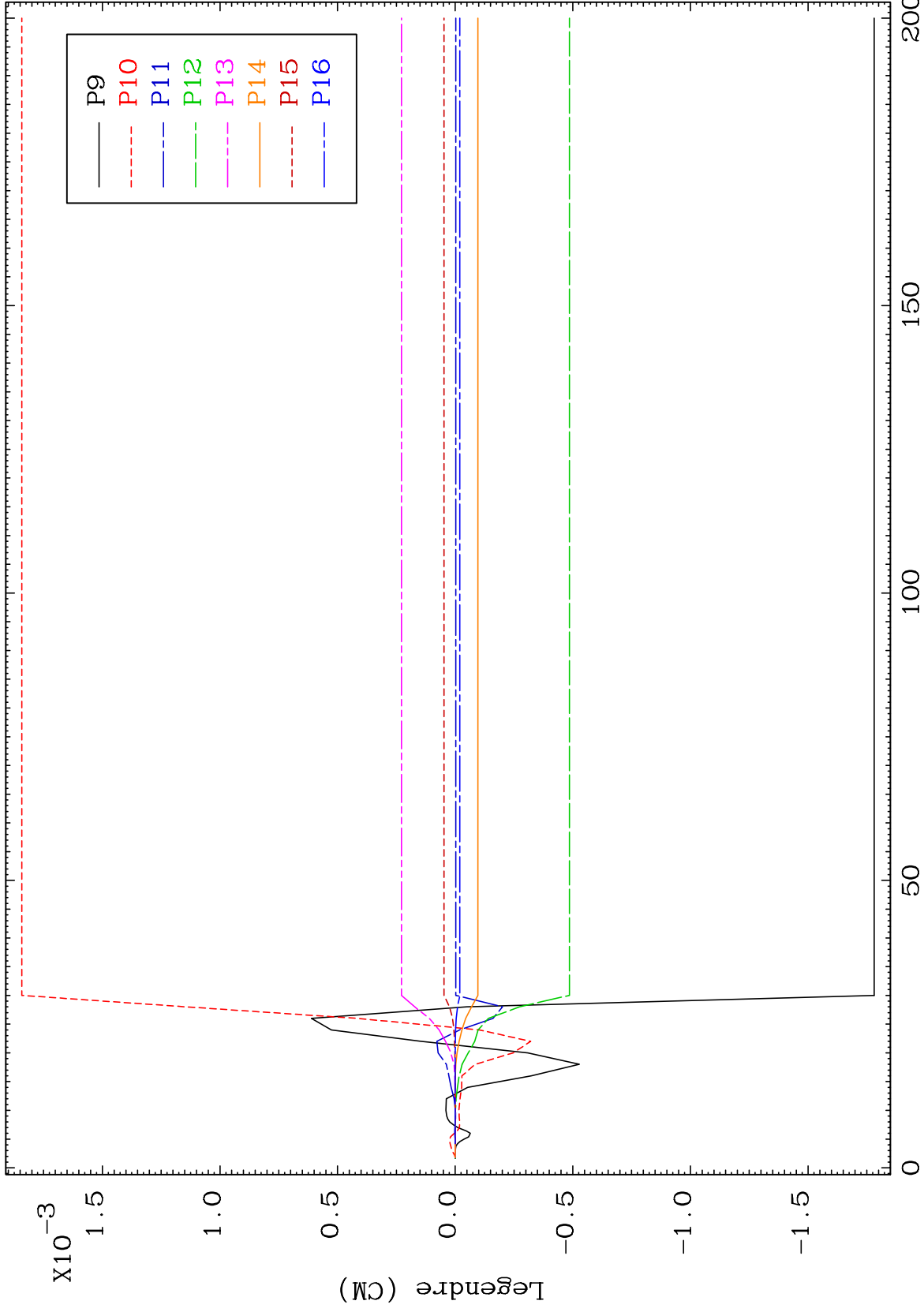
Incident Energy (MeV)

108

MAT 7252

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

72-Hf-183



109

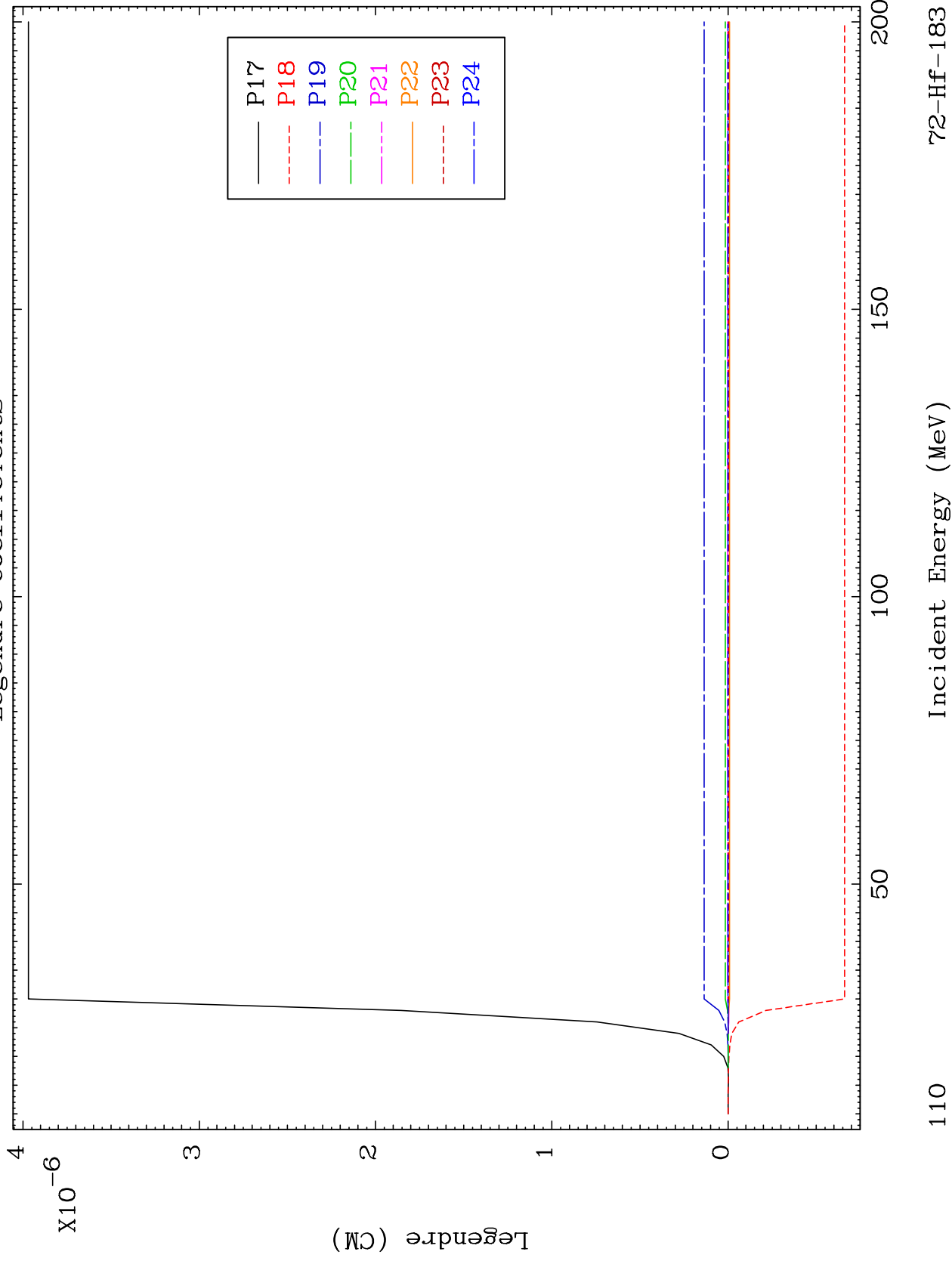
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



110

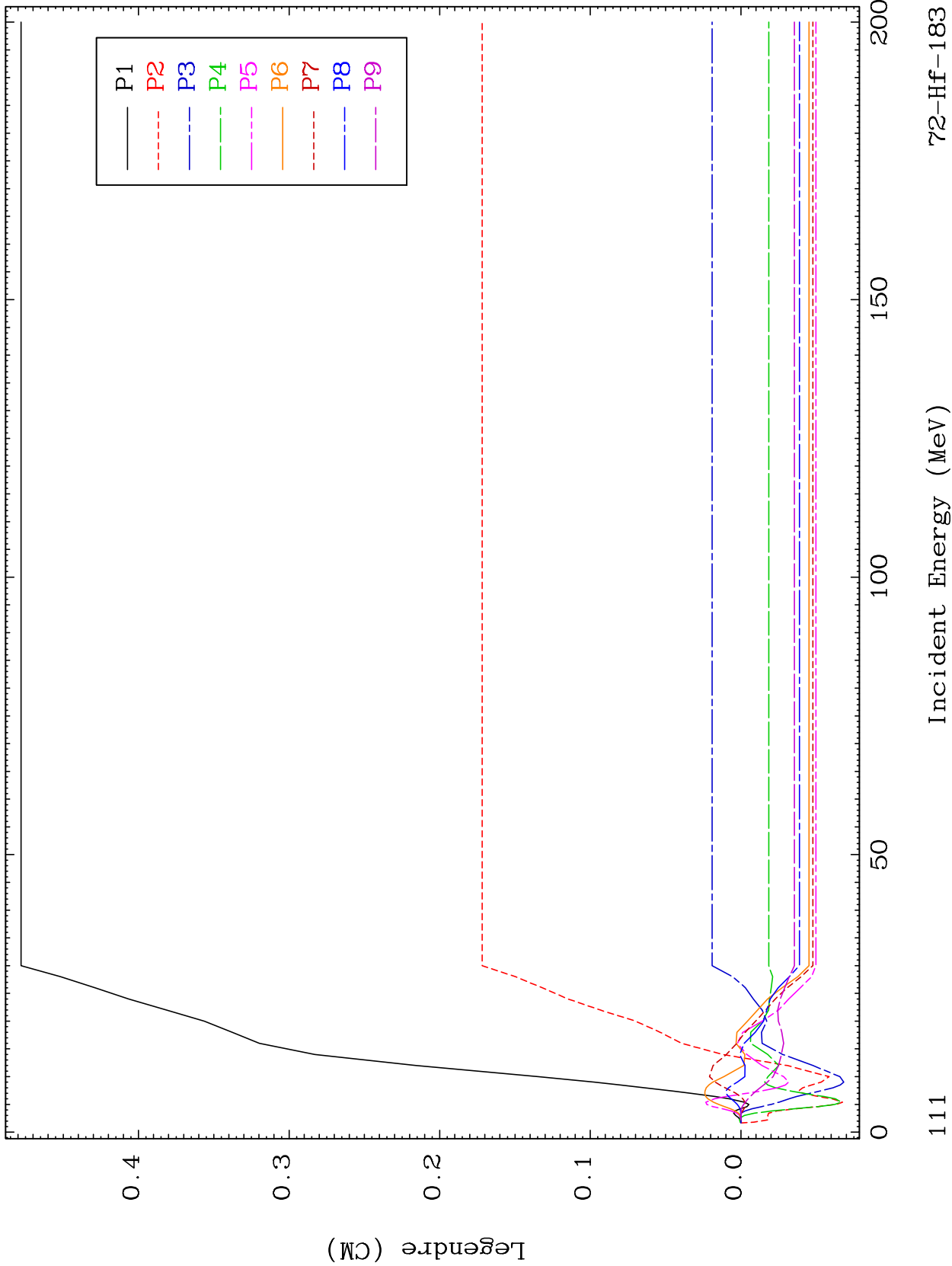
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183

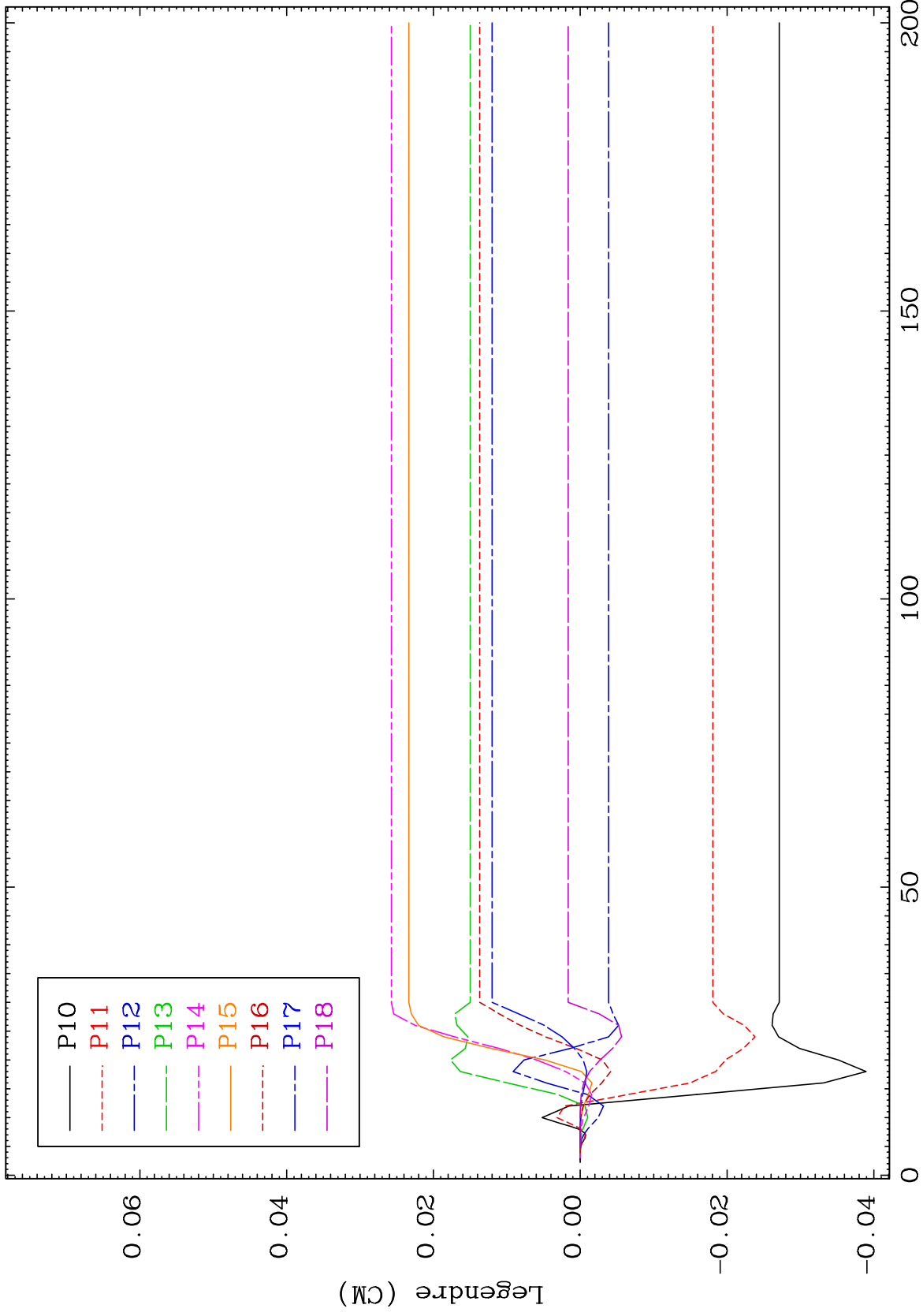


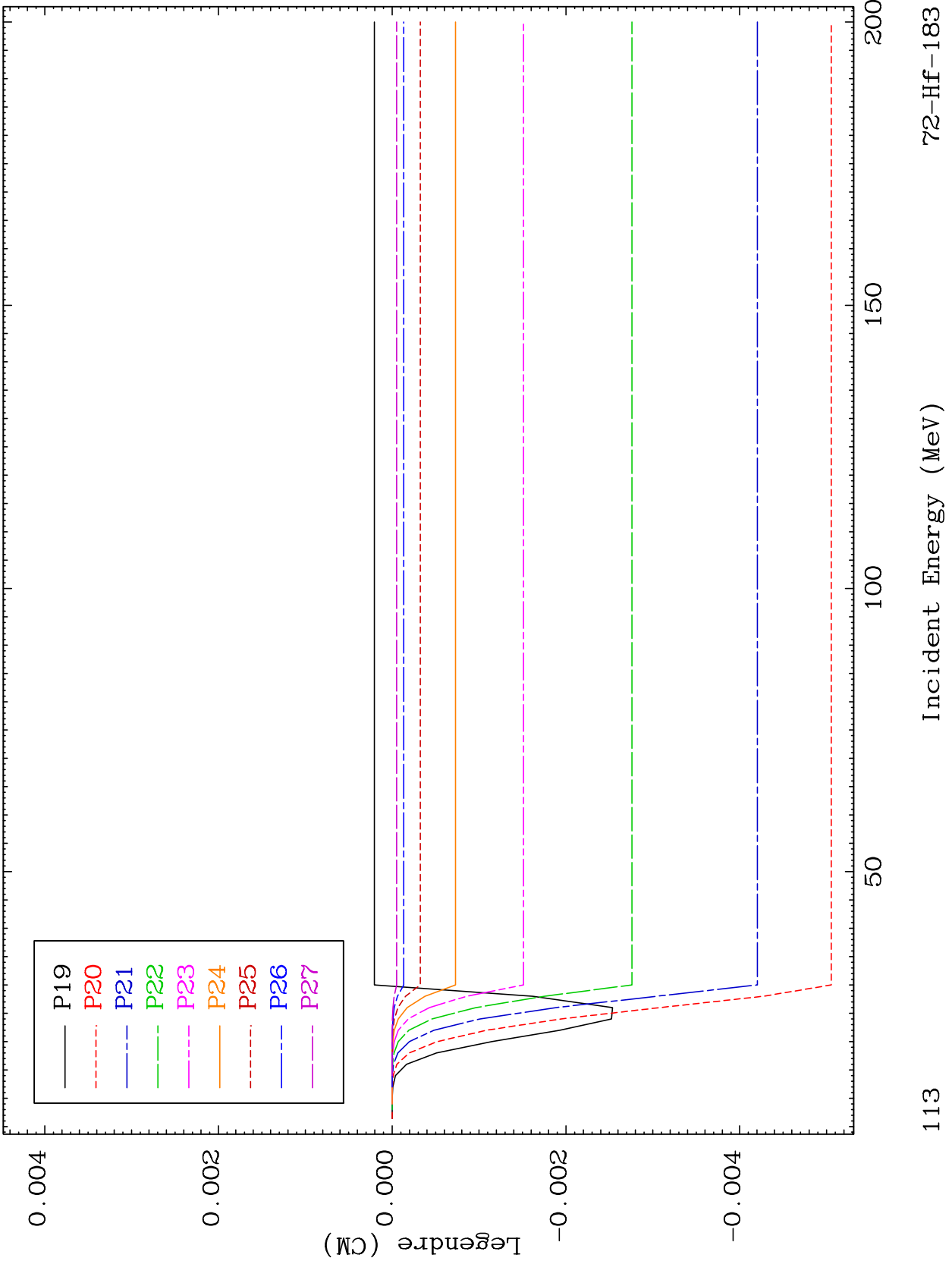
72-Hf-183

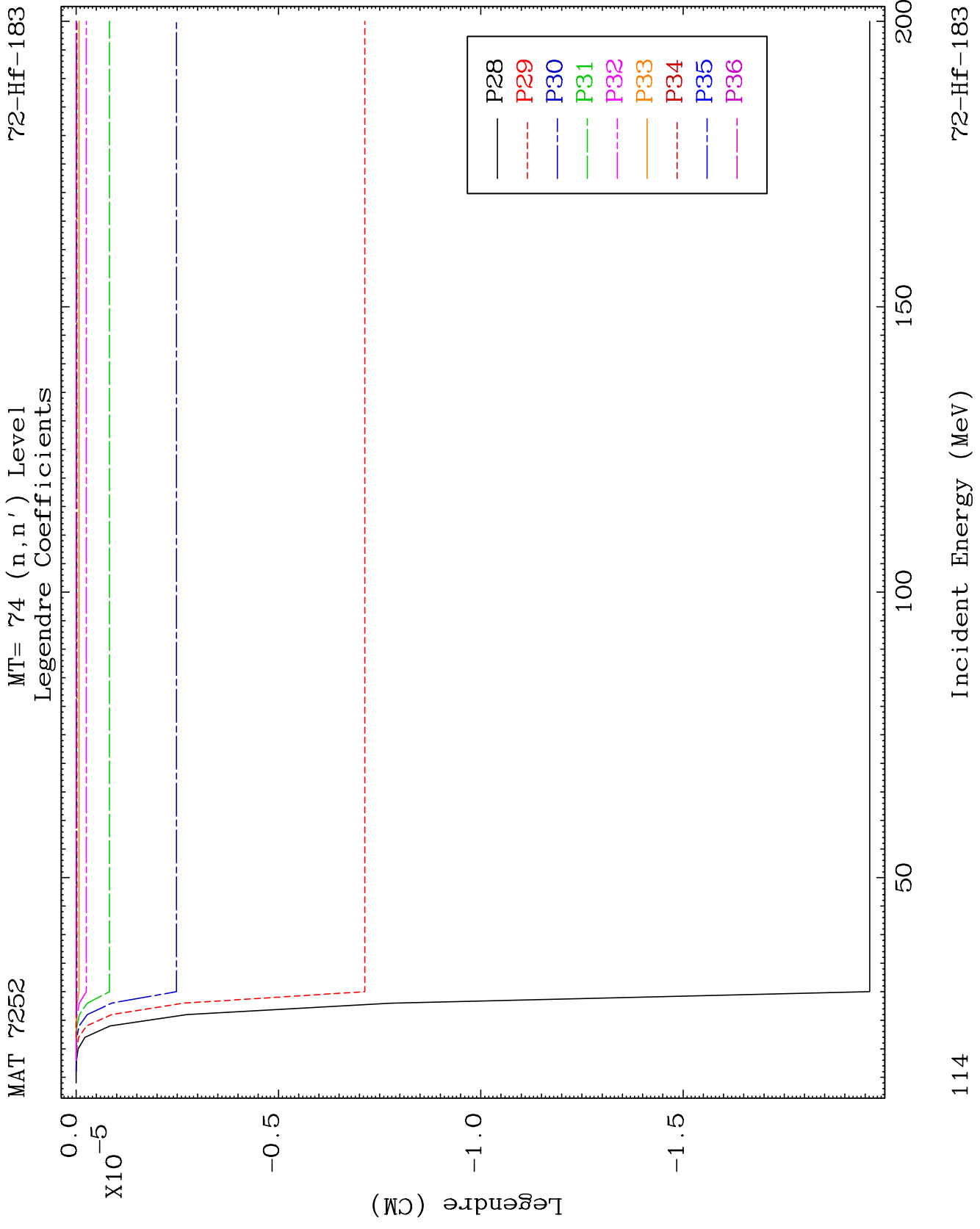
Incident Energy (MeV)

111





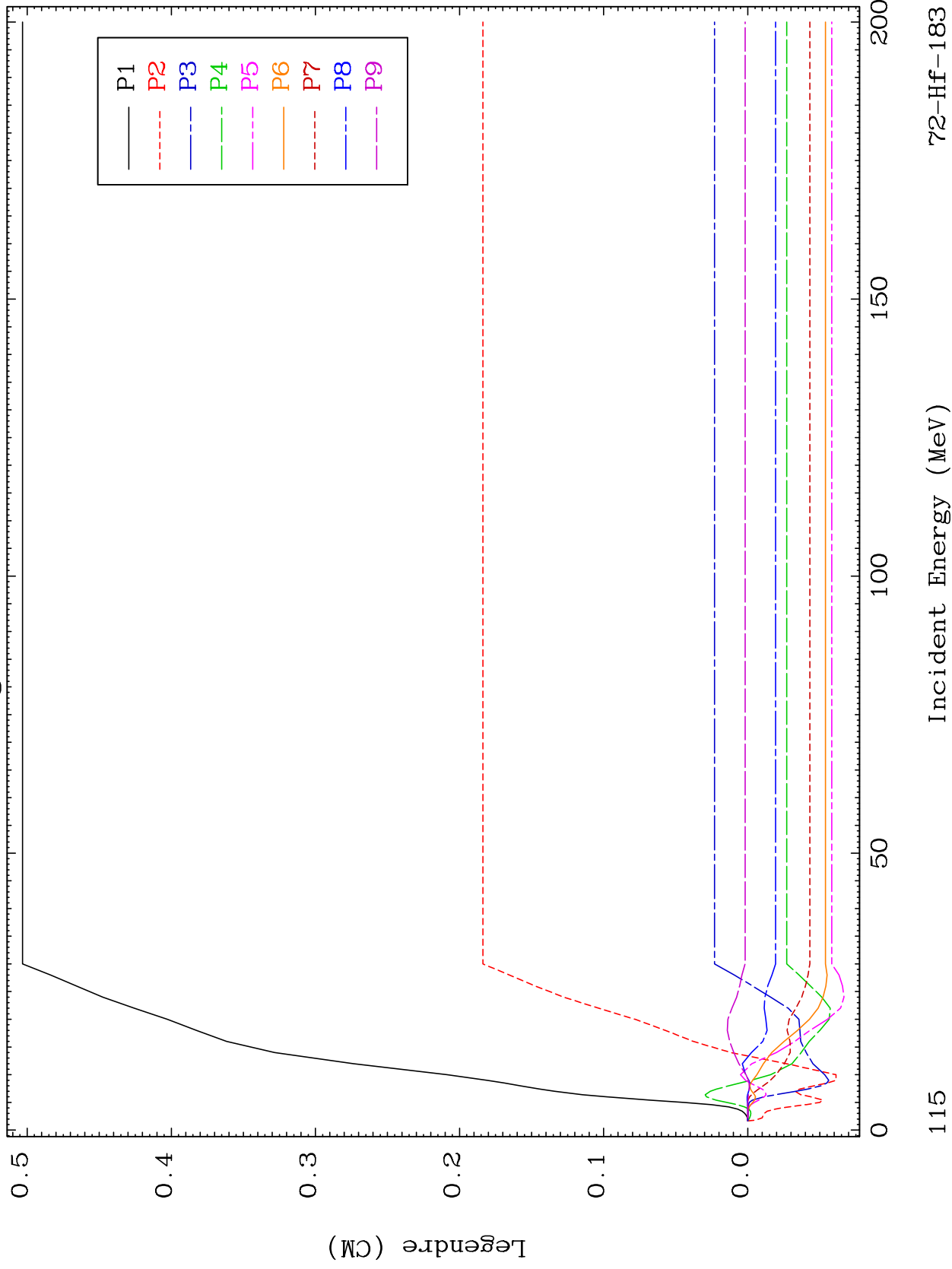




MAT 7252

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

72-Hf-183



72-Hf-183

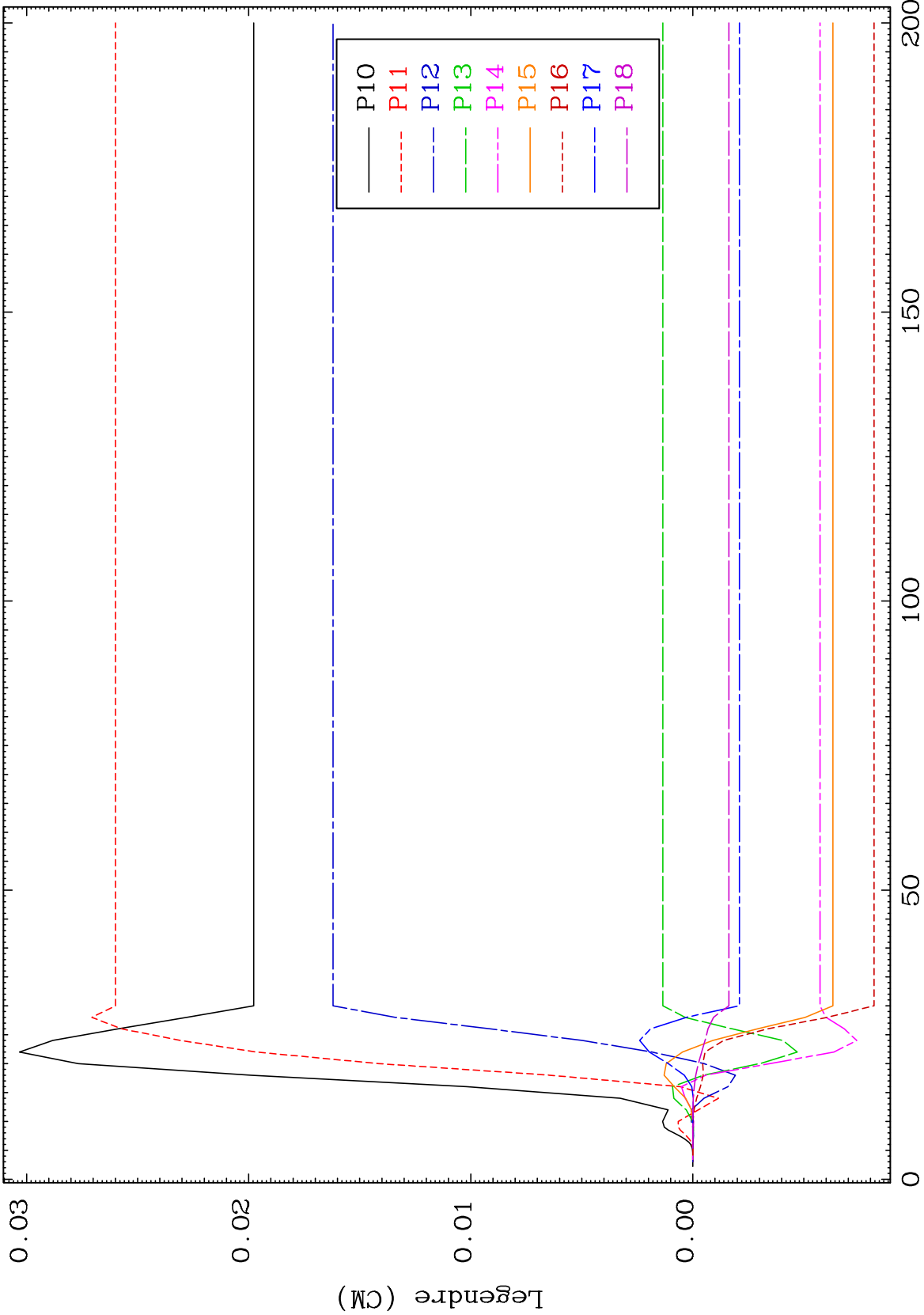
Incident Energy (MeV)

115

MAT 7252

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

72-Hf-183



116

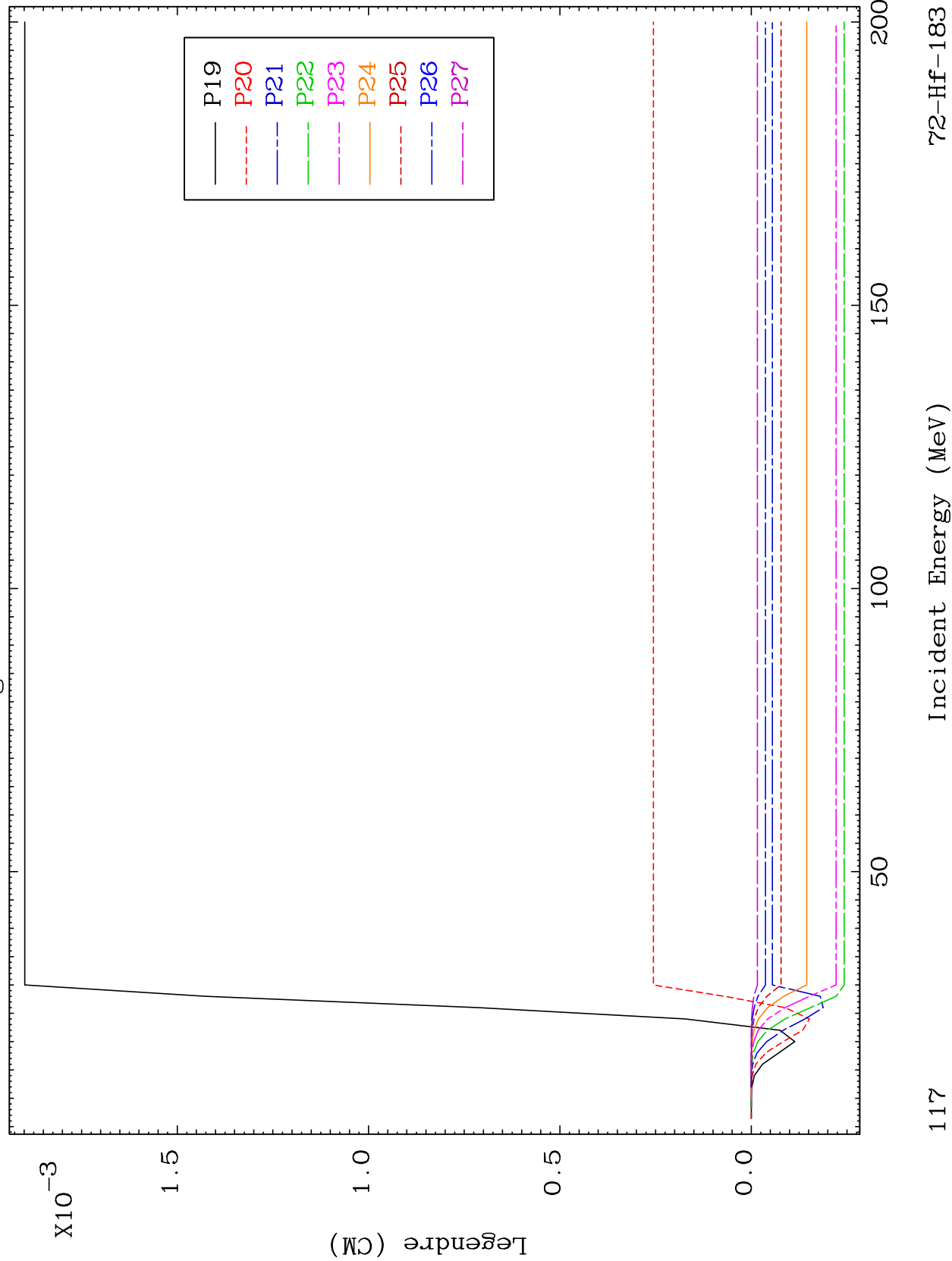
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



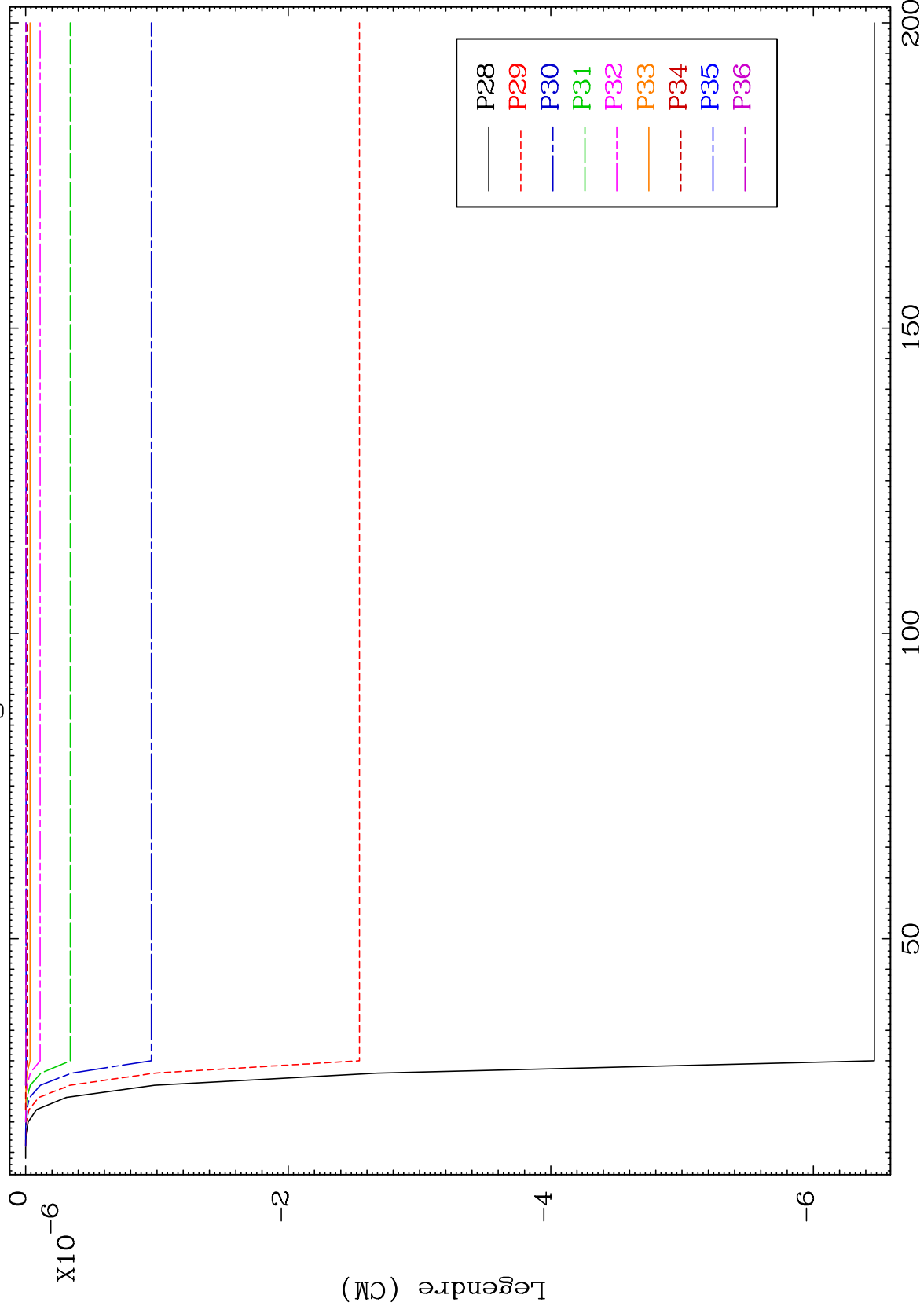
117

MAT 7252

MT= 75 (n,n') Level

72-Hf-183

Legendre Coefficients



72-Hf-183

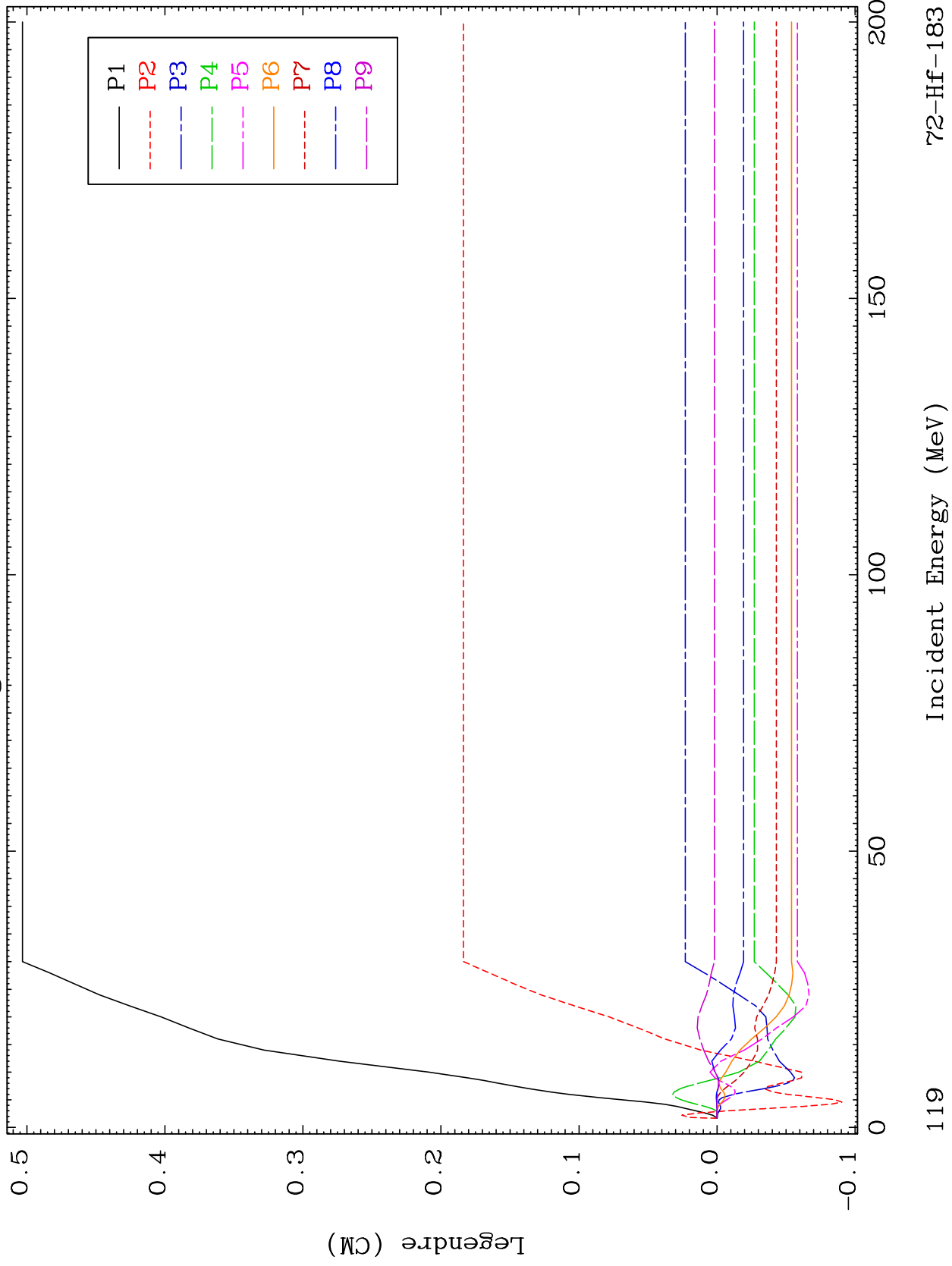
Incident Energy (MeV)

118

MAT 7252

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

72-Hf-183



72-Hf-183

Incident Energy (MeV)

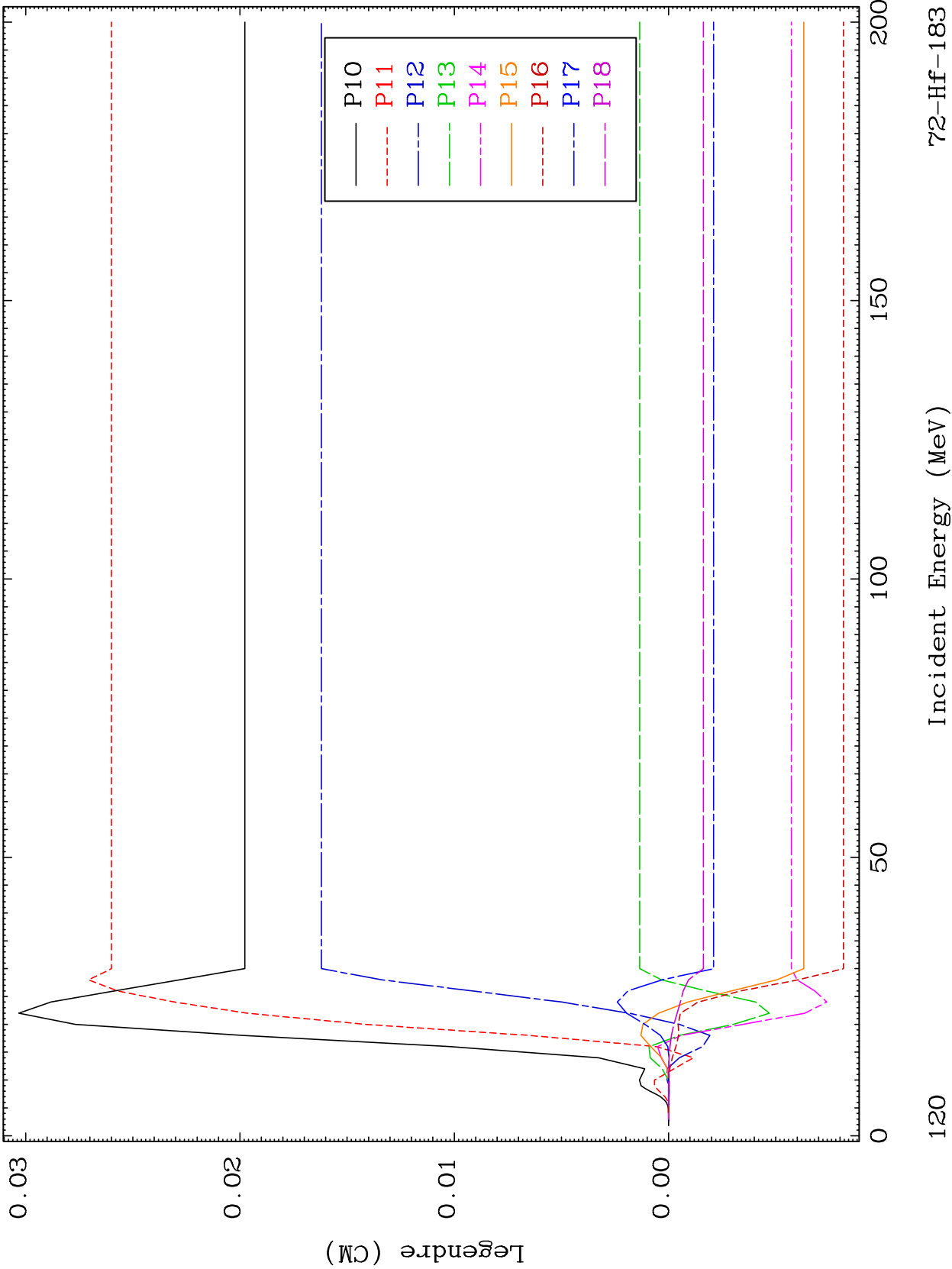
119



MAT 7252

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

72-Hf-183



72-Hf-183

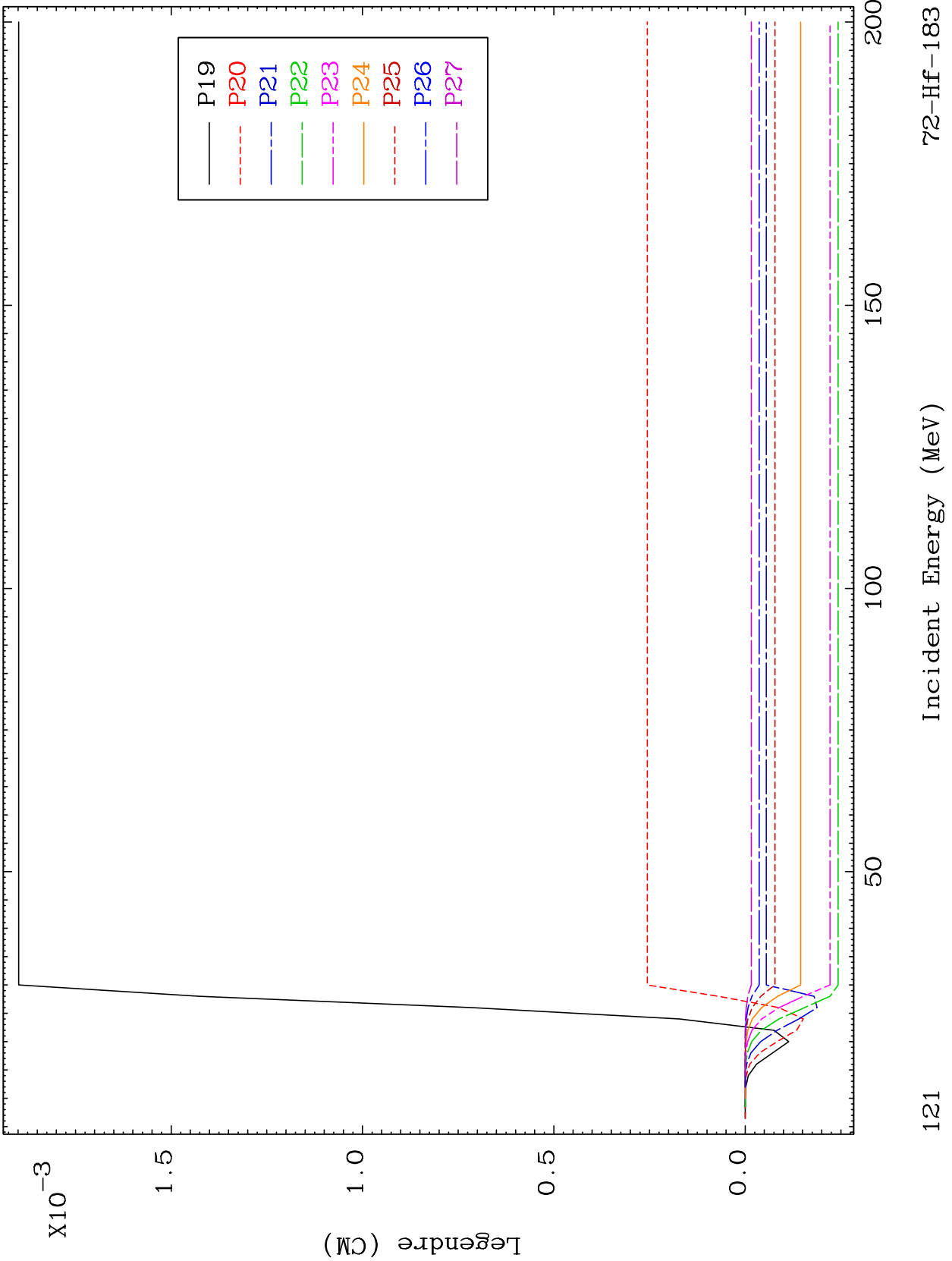
Incident Energy (MeV)

120

MAT 7252

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

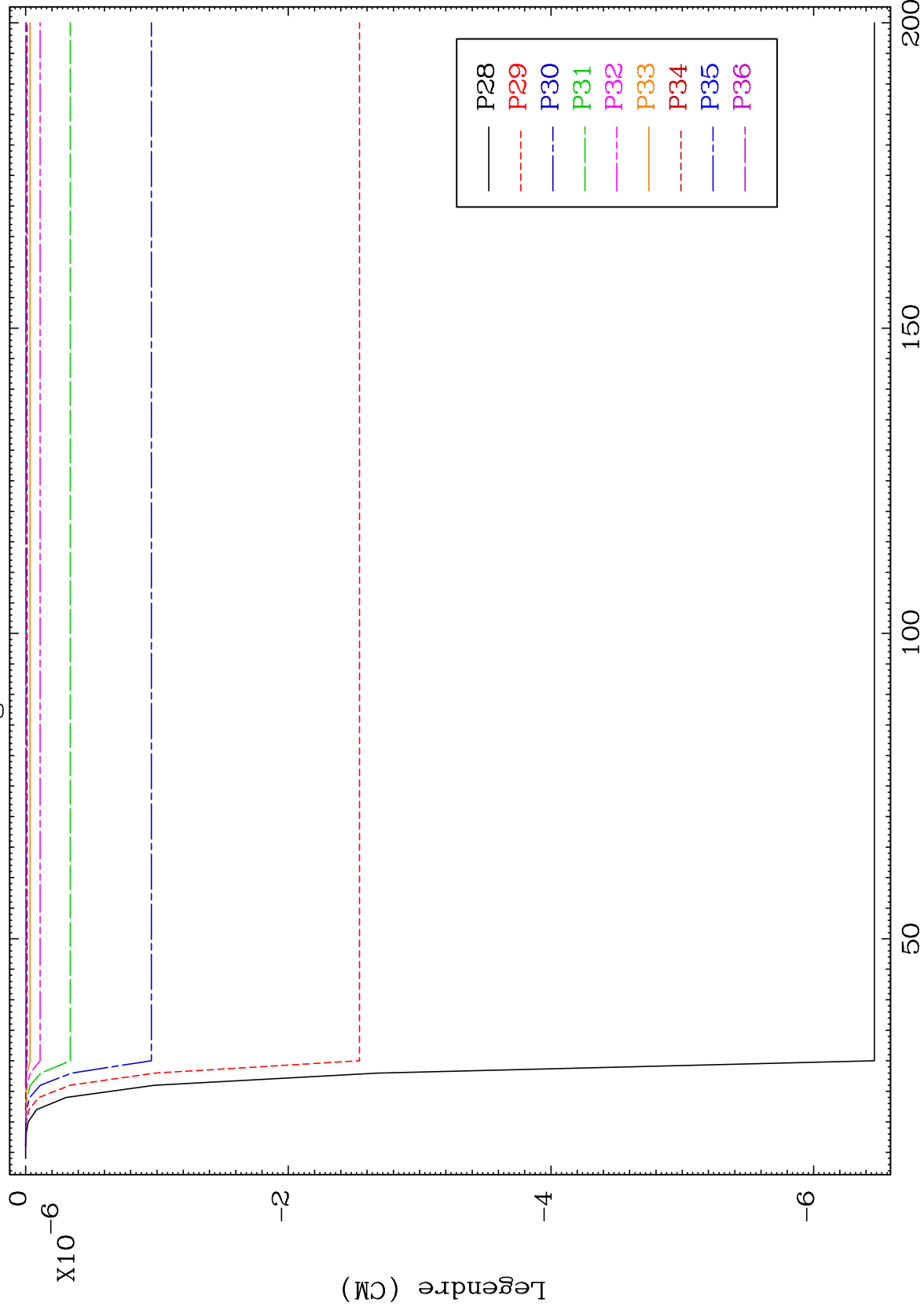
72-Hf-183



MAT 7252

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

72-Hf-183



122

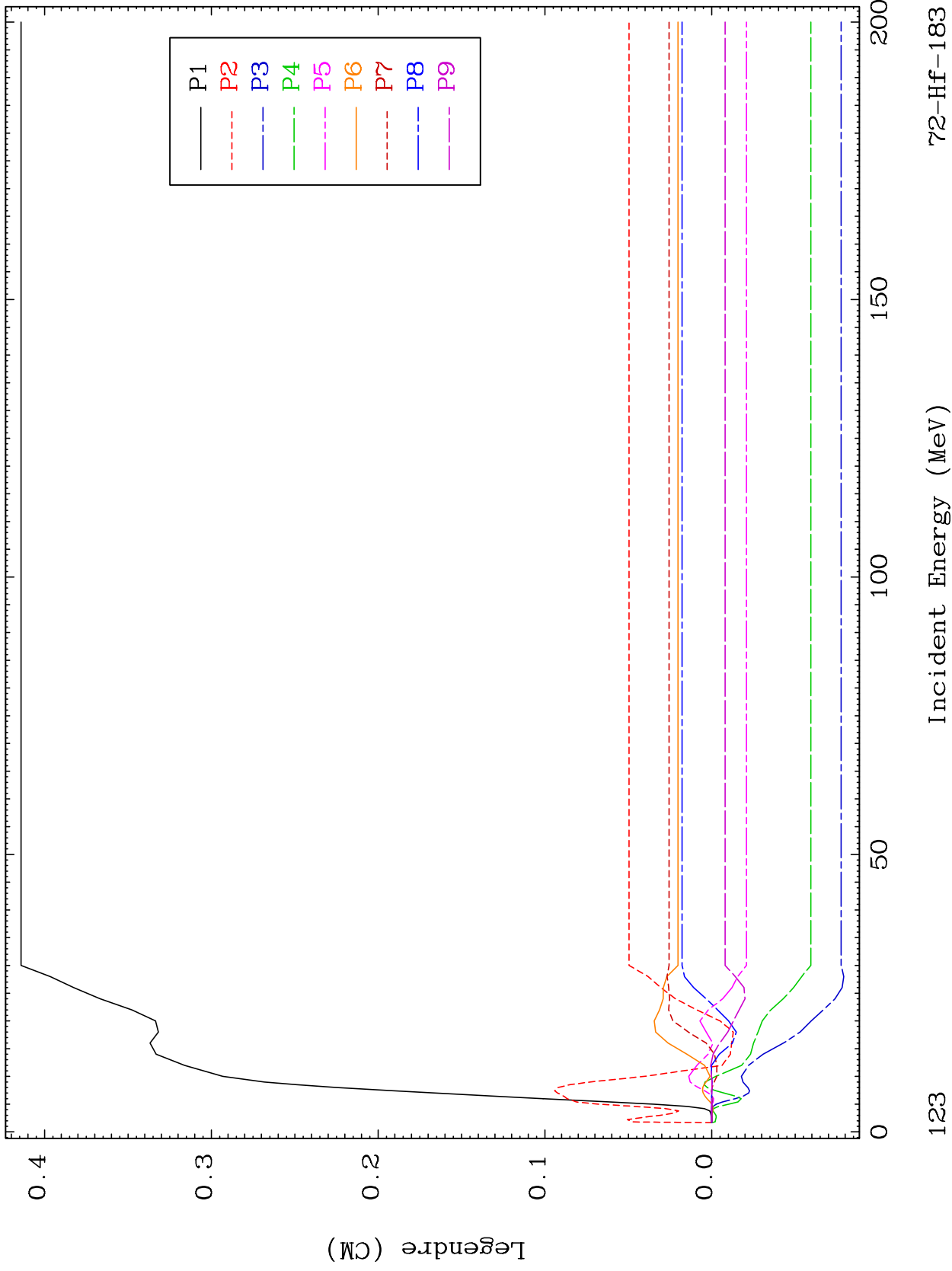
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



72-Hf-183

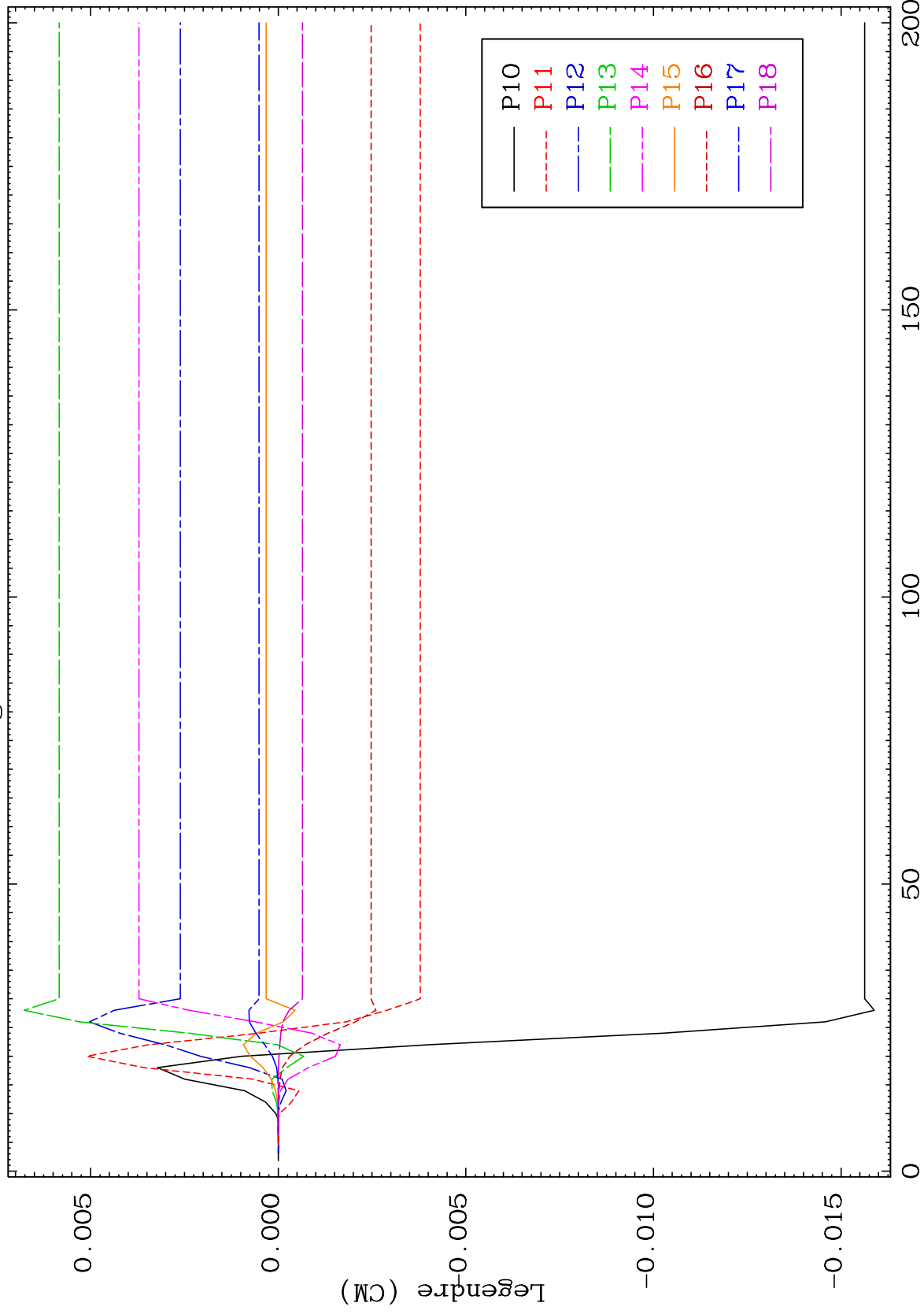
Incident Energy (MeV)

123

MAT 7252

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

72-Hf-183



124

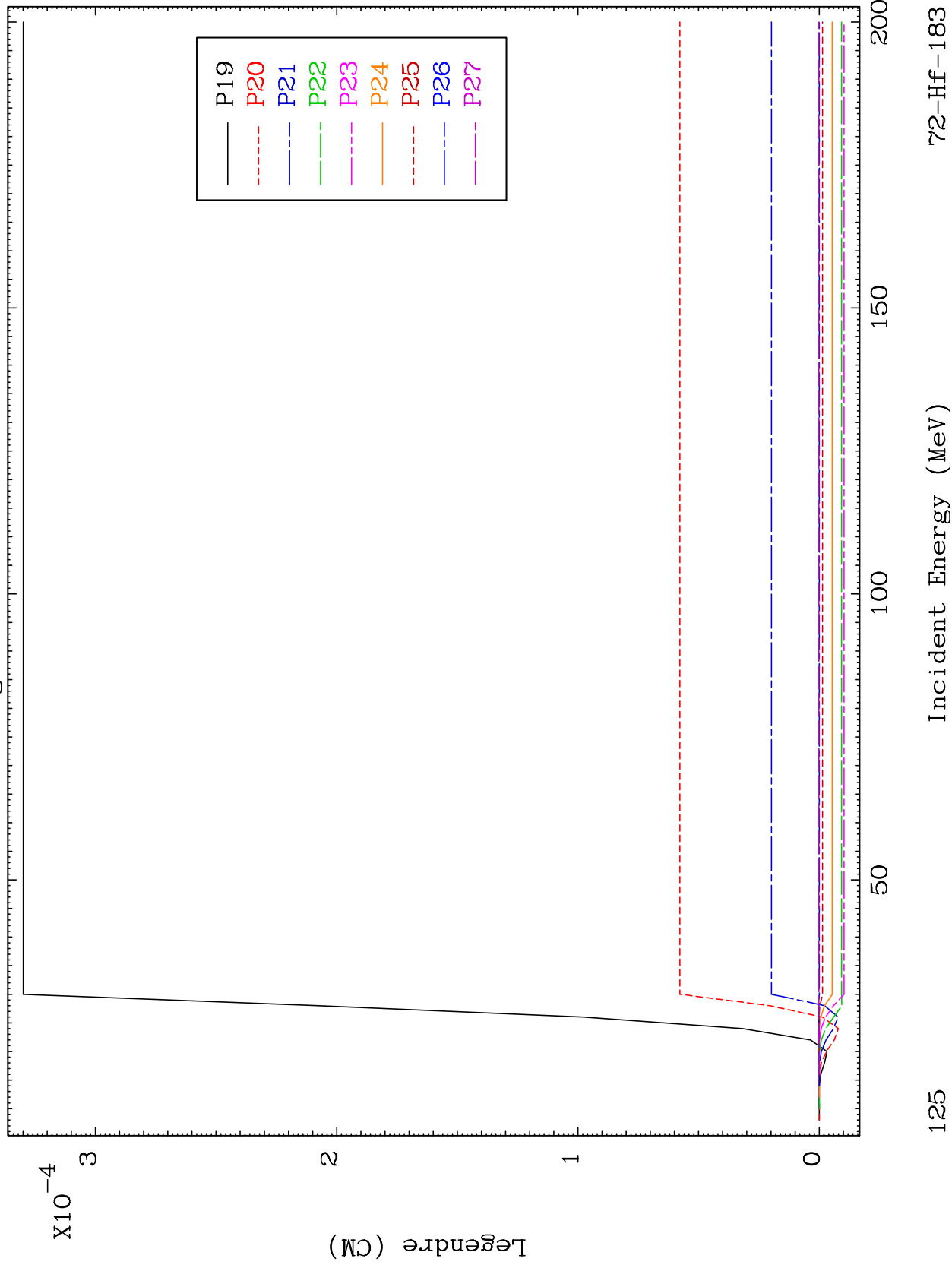
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



72-Hf-183

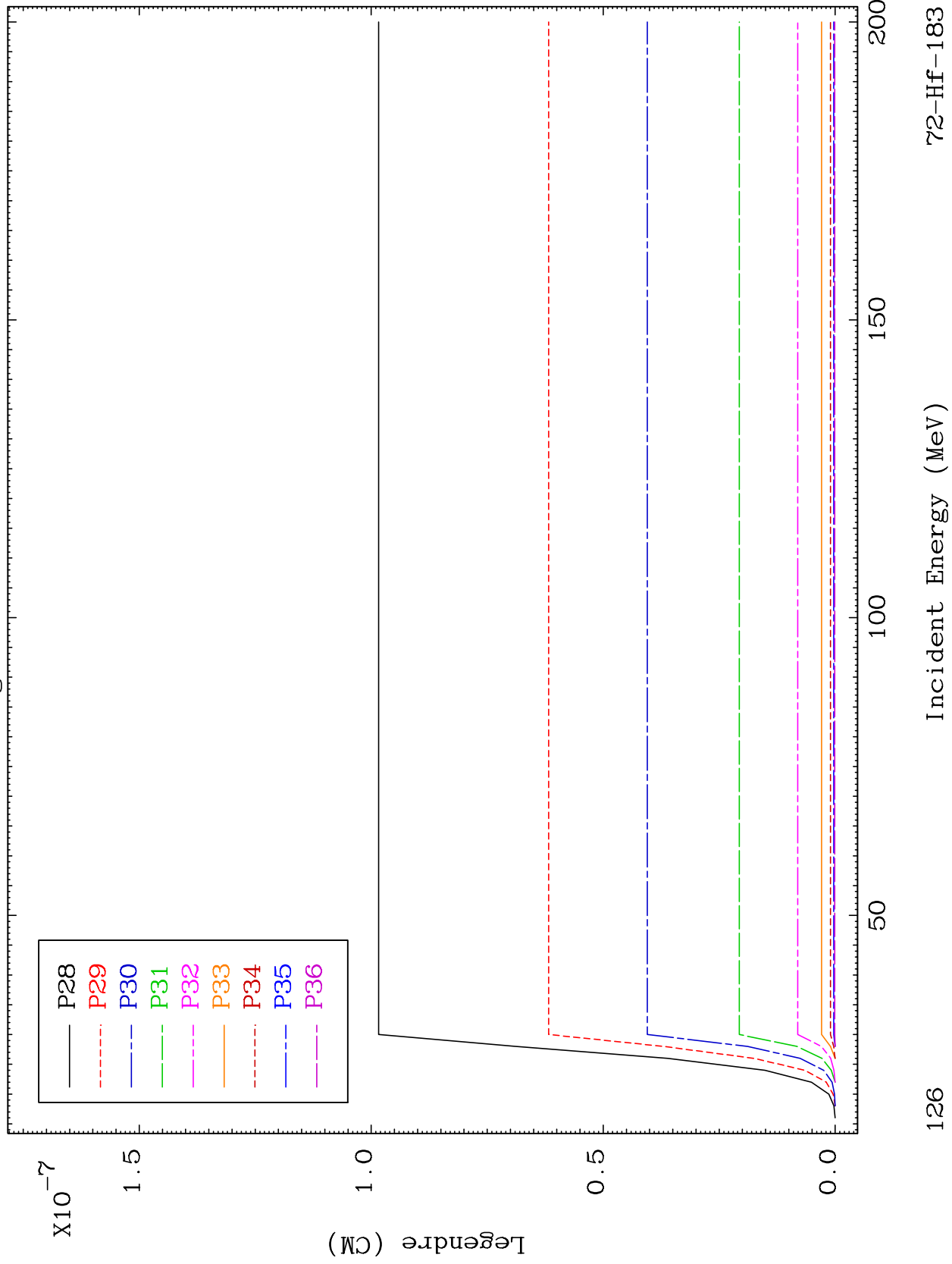
Incident Energy (MeV)

125

MAT 7252

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

72-Hf-183



126

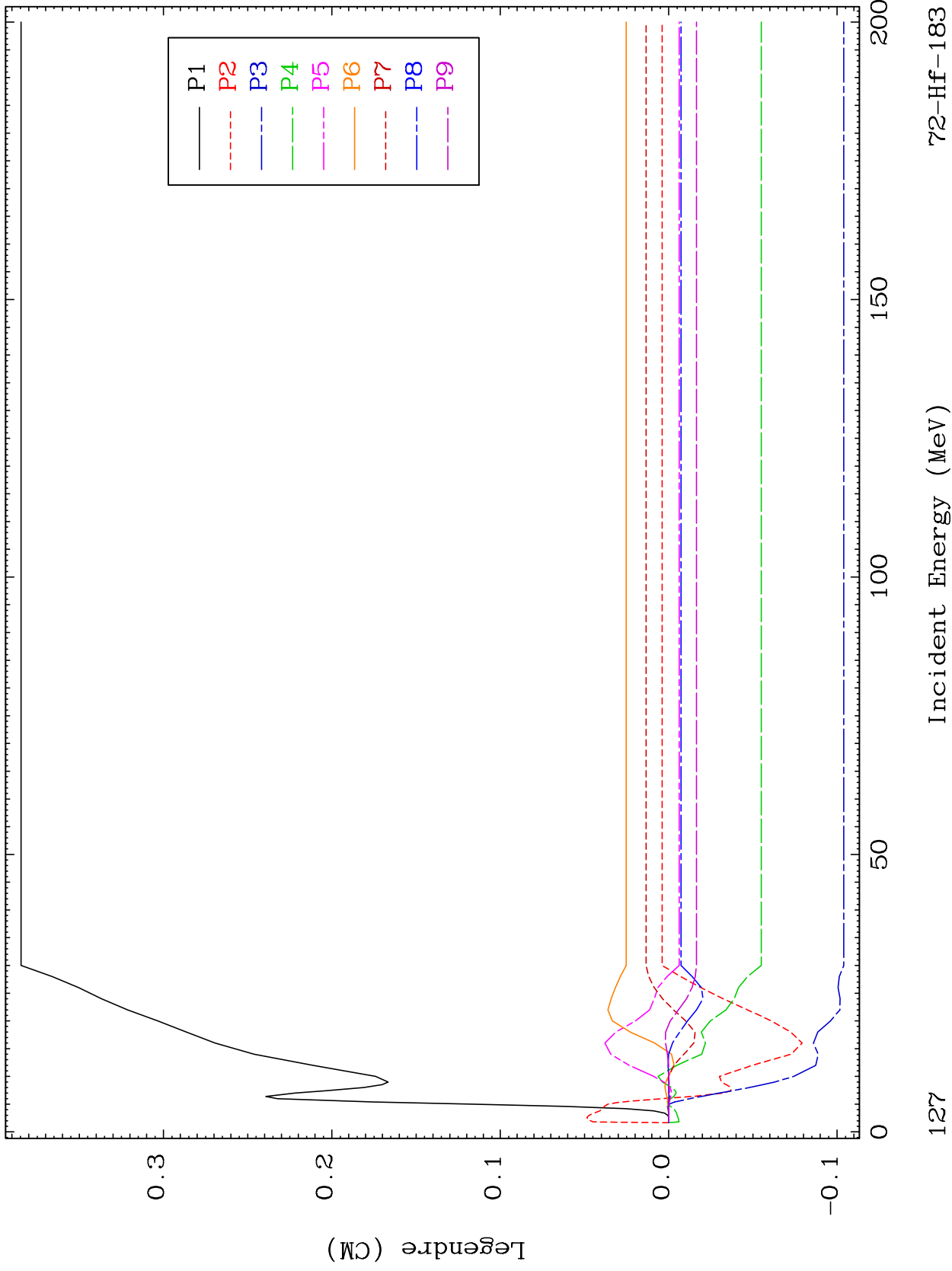
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



127

Incident Energy (MeV)

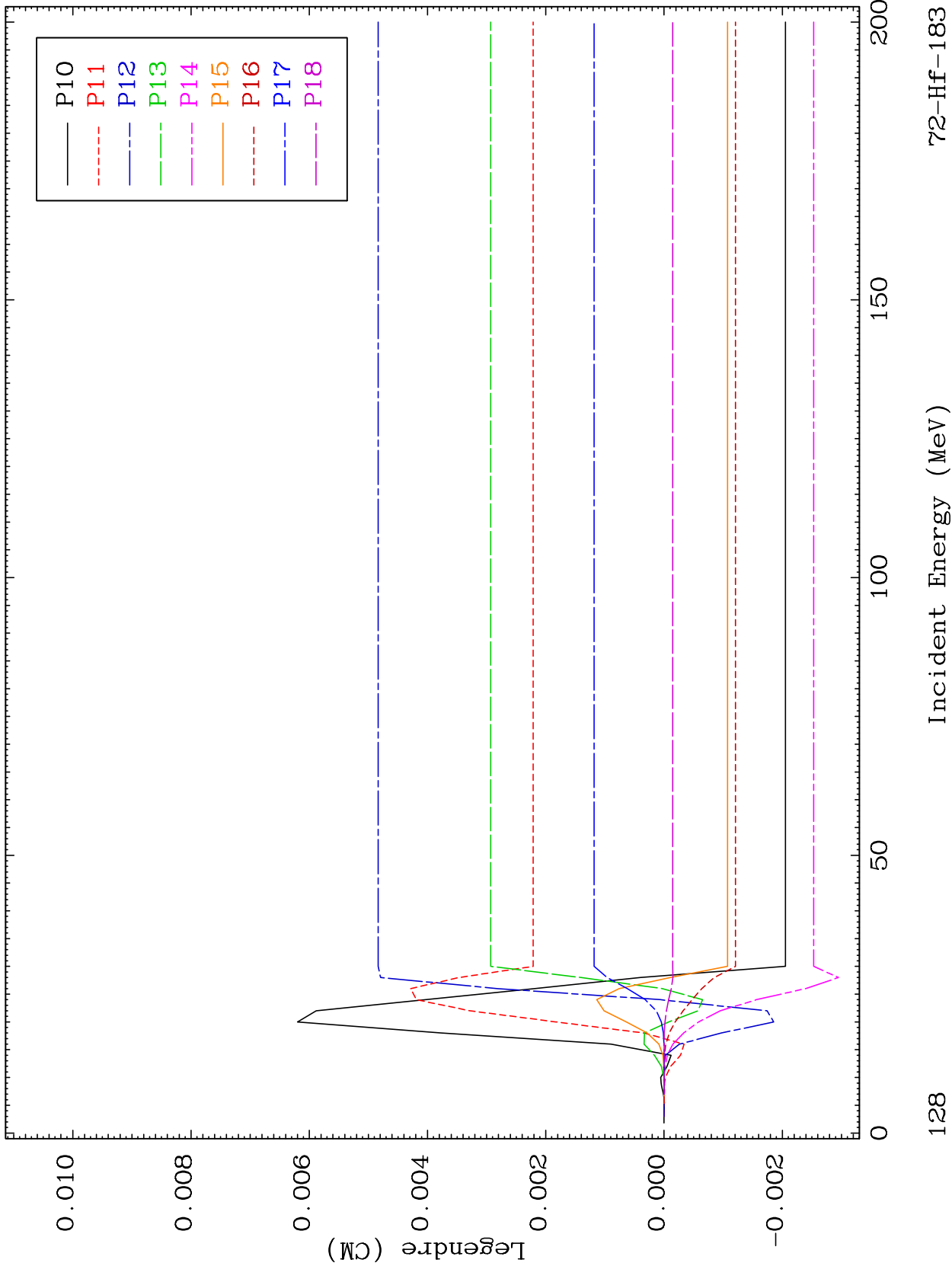
72-Hf-183



MAT 7252

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

72-Hf-183



128

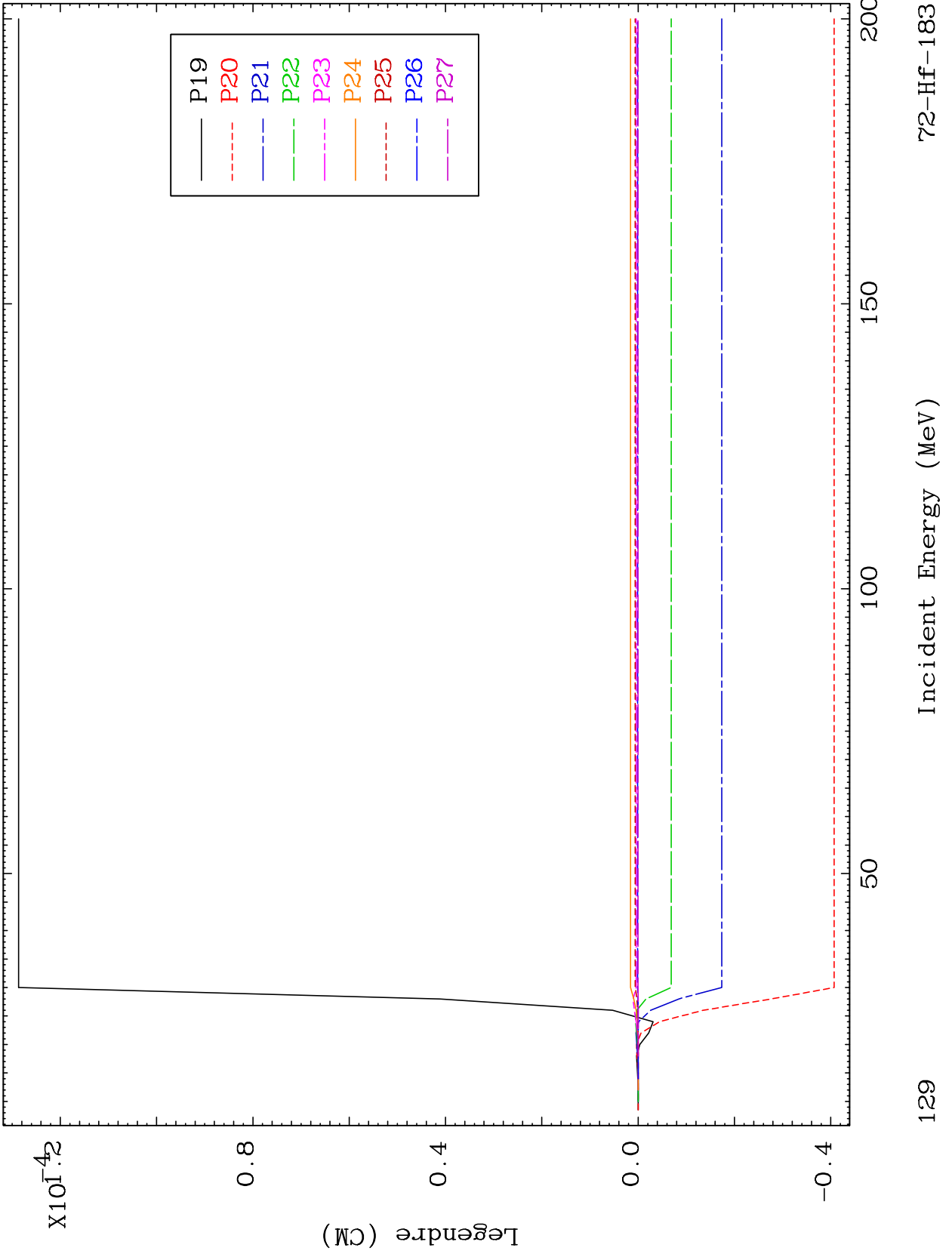
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



129

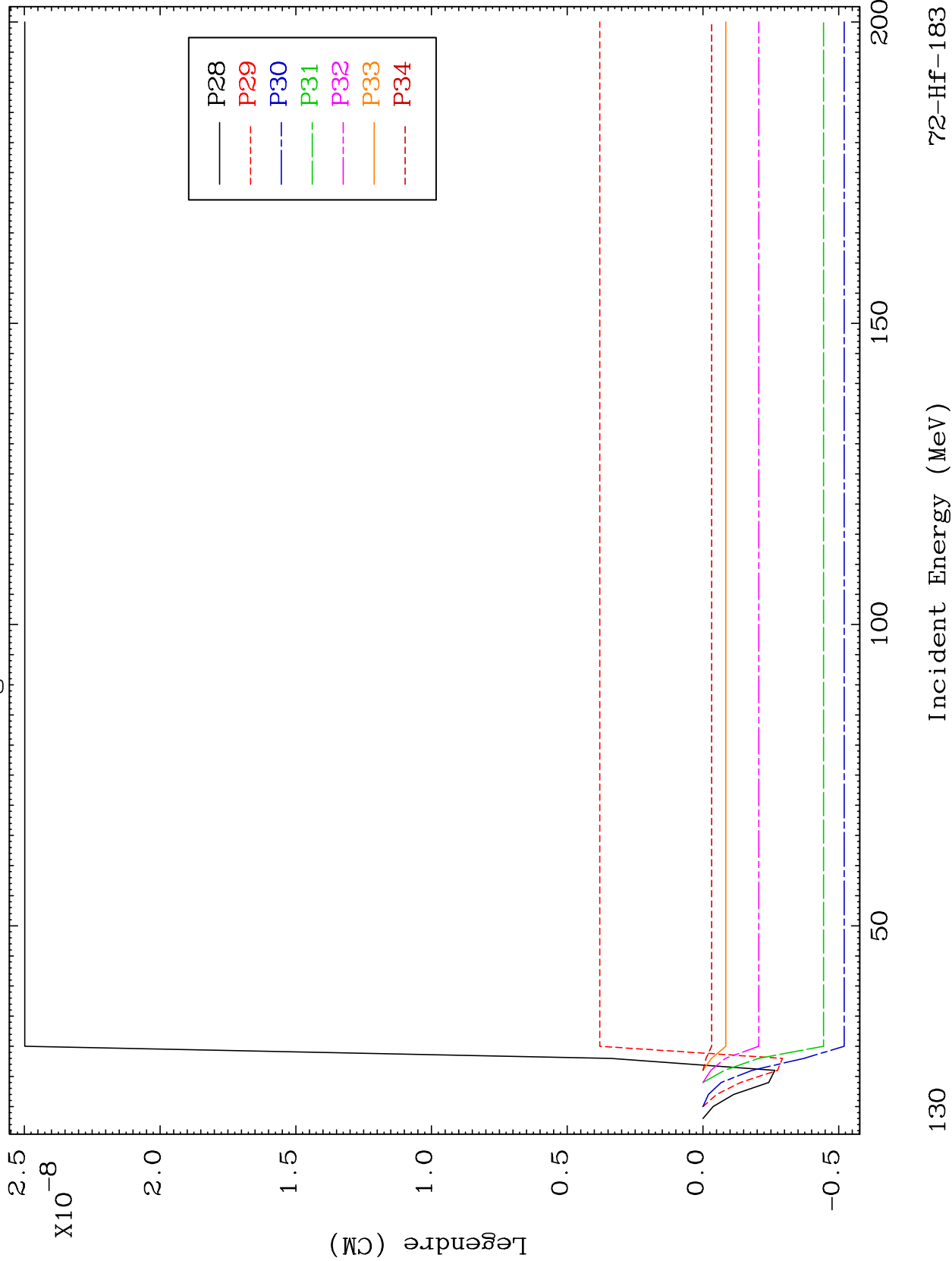
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

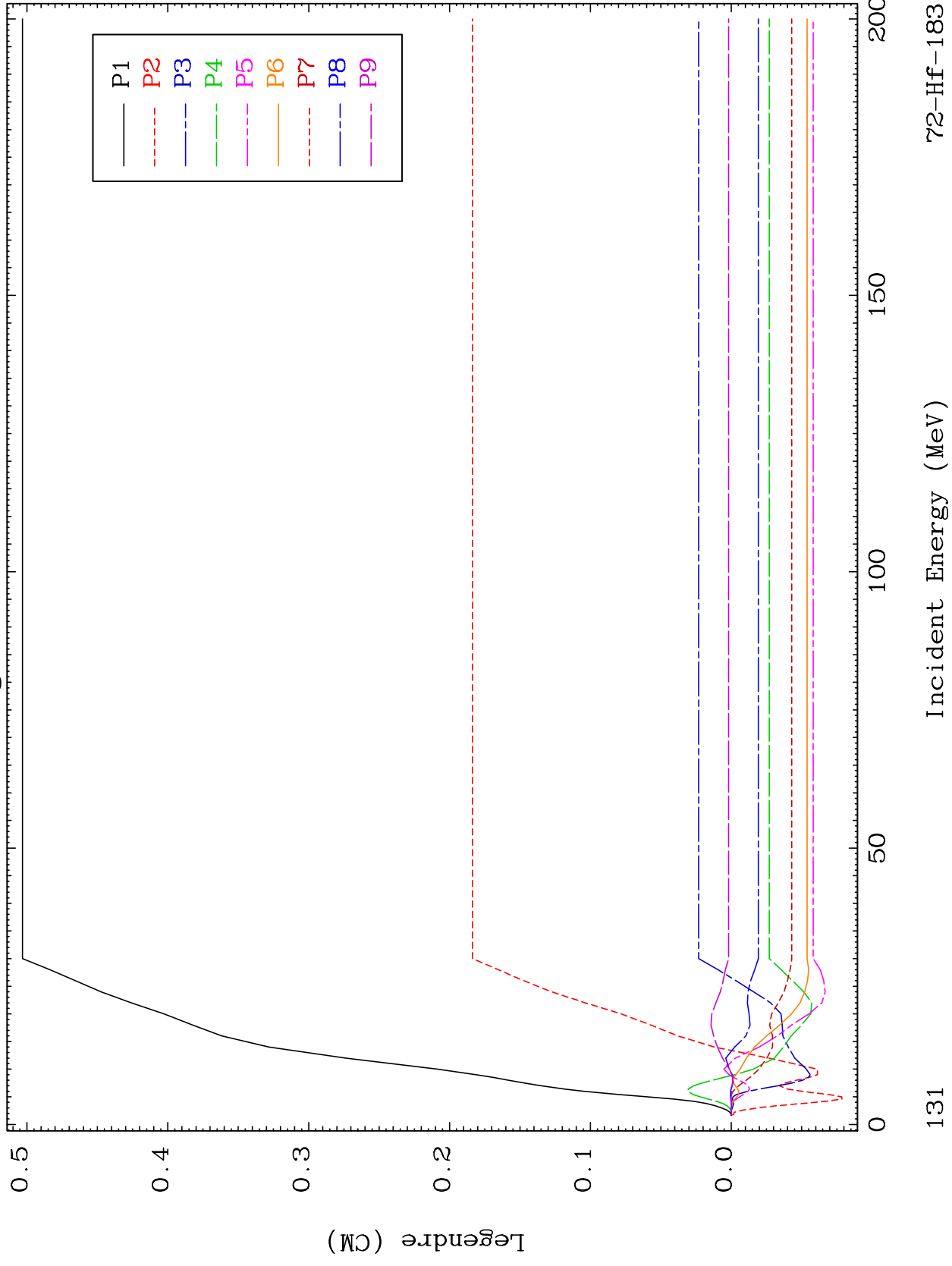
72-Hf-183



MAT 7252

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

72-Hf-183



72-Hf-183

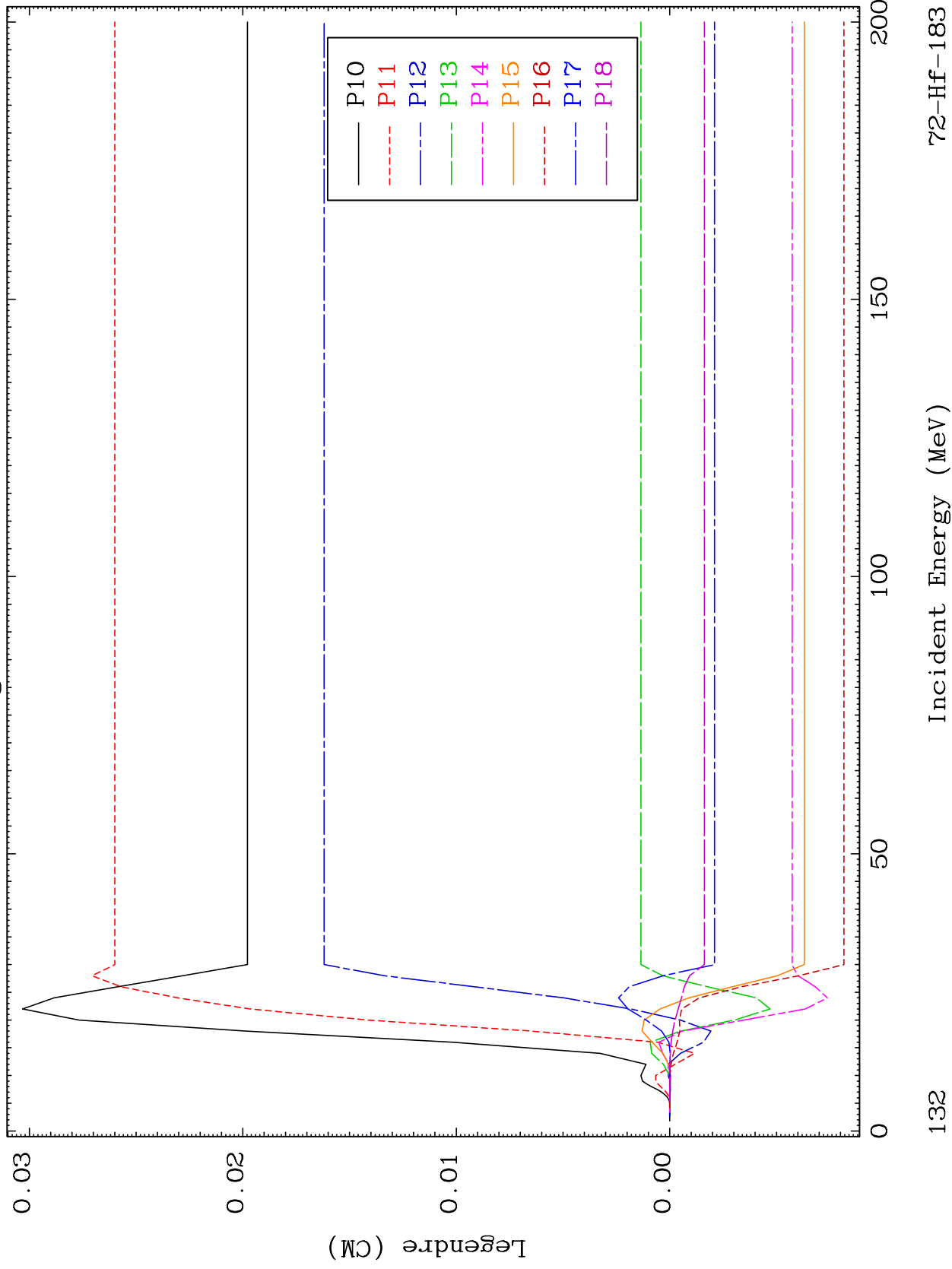
Incident Energy (MeV)

131

MAT 7252

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

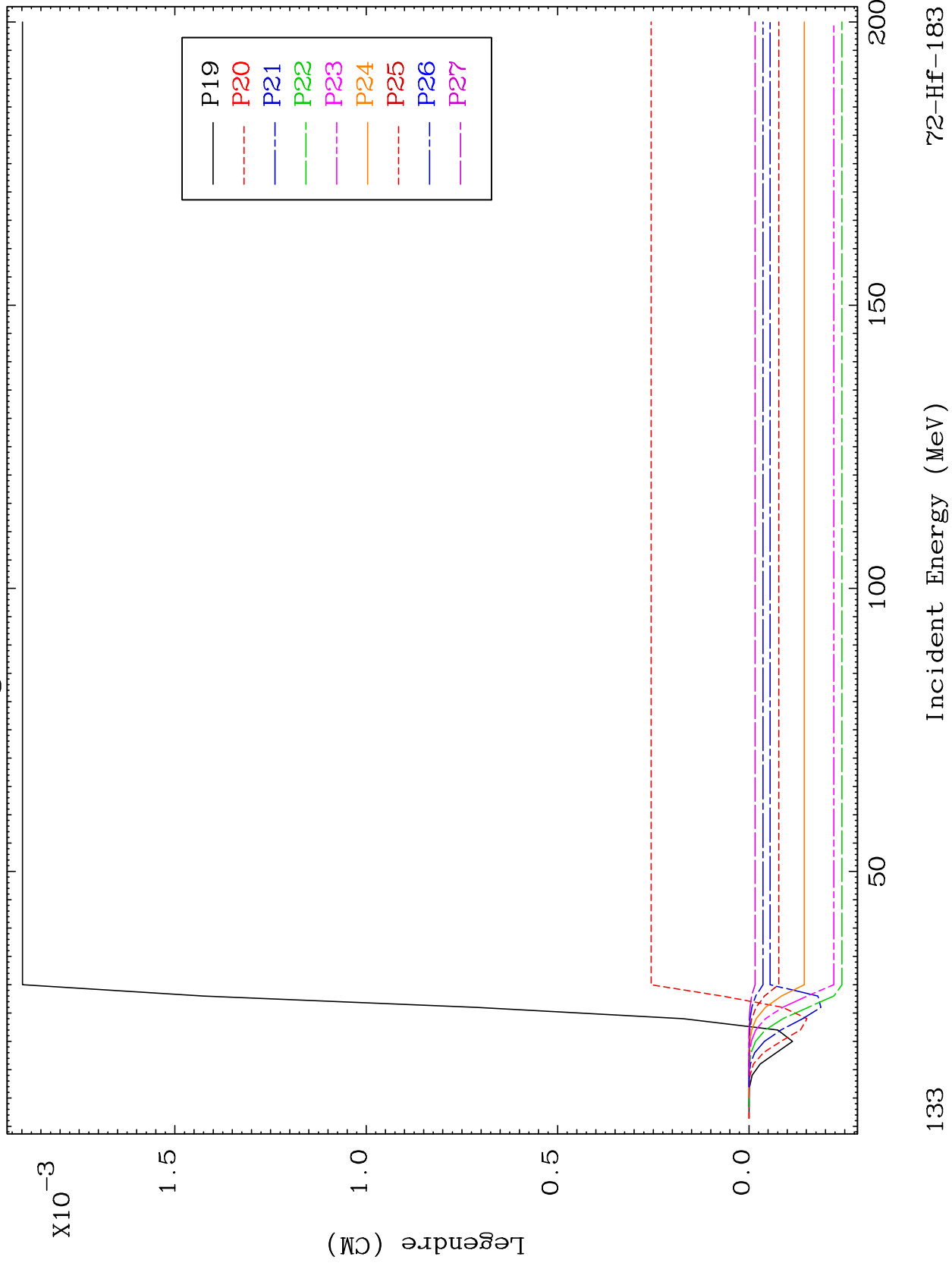
72-Hf-183



MAT 7252

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

72-Hf-183

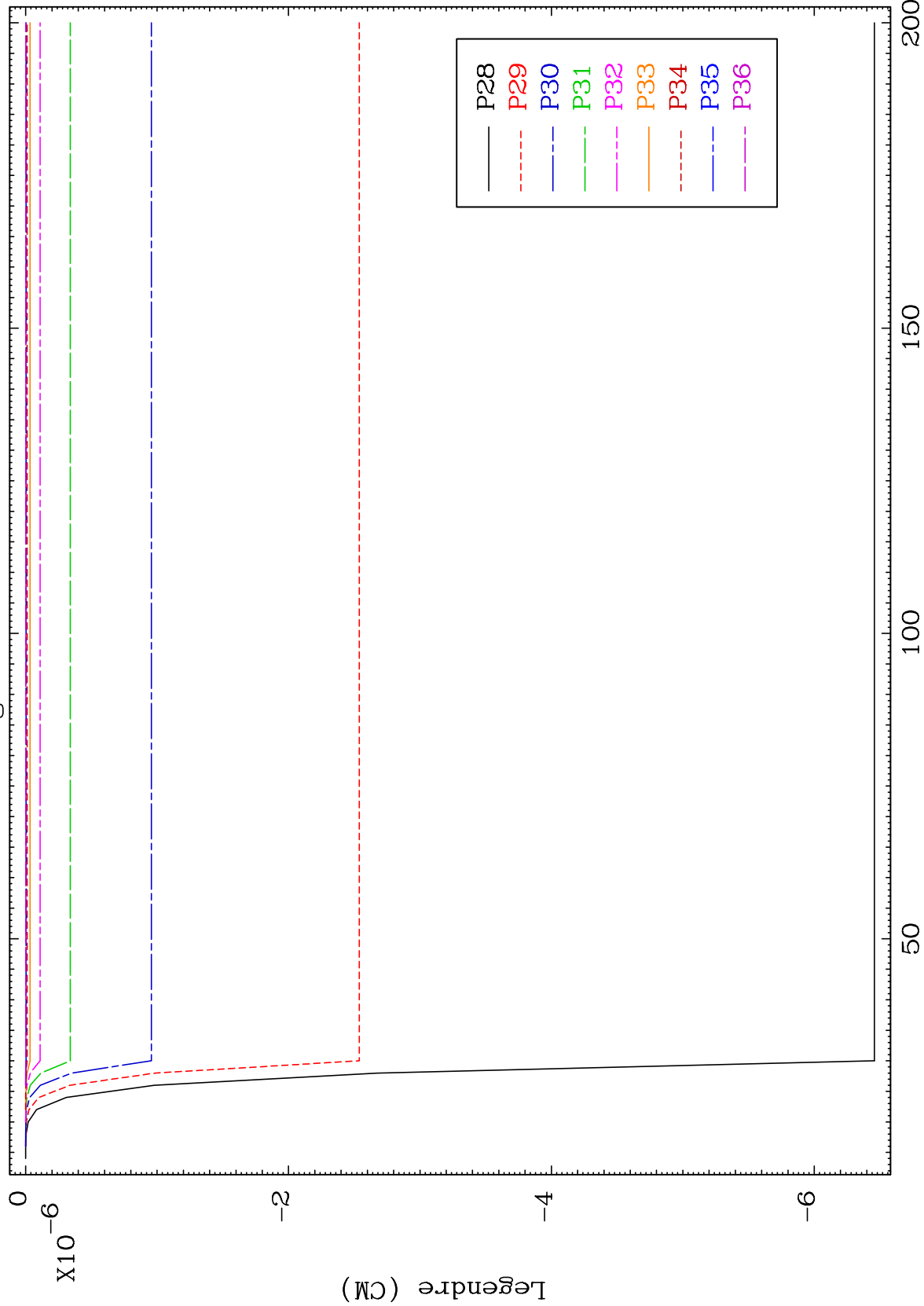


133

MAT 7252

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

72-Hf-183



134

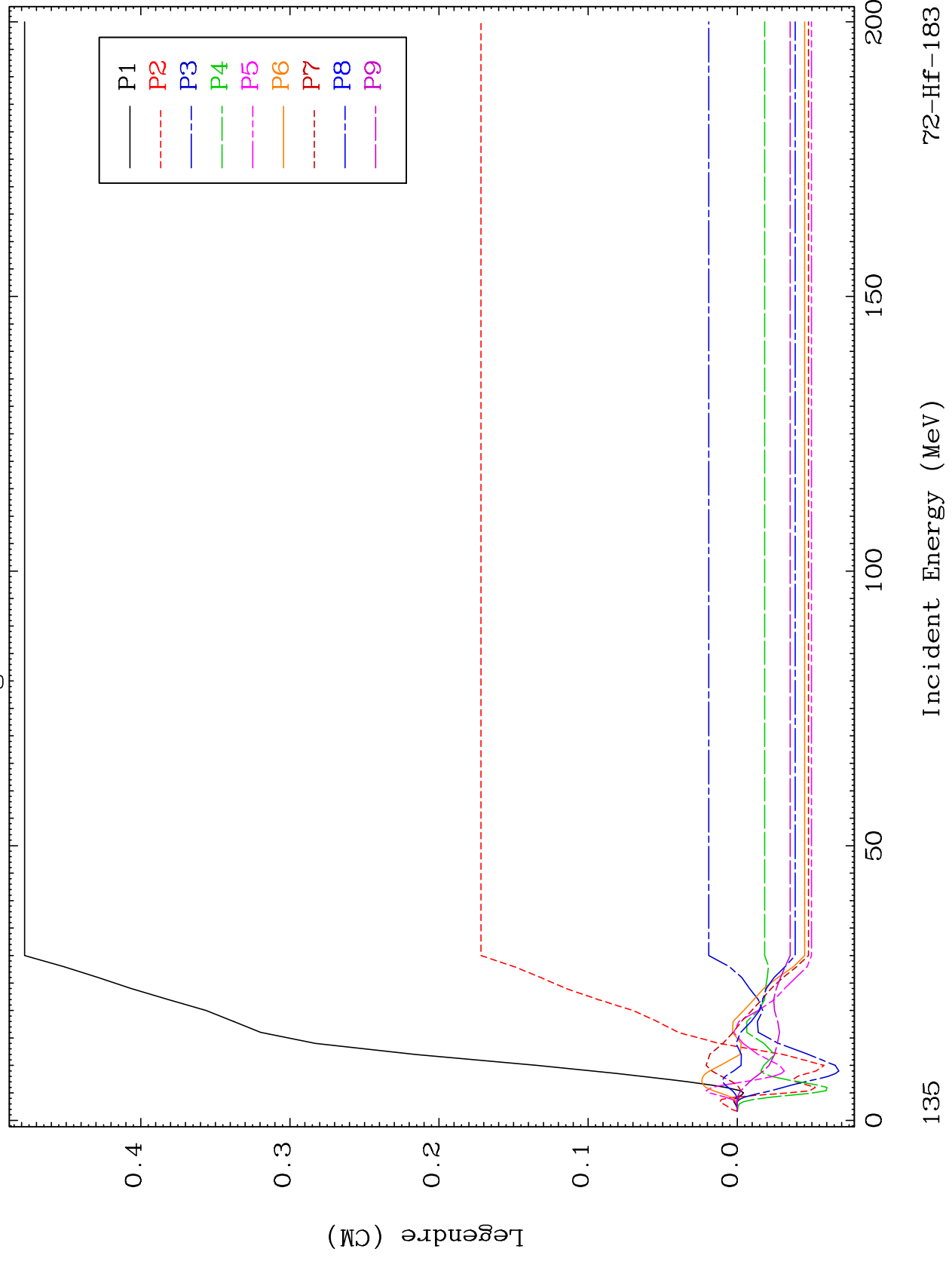
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183

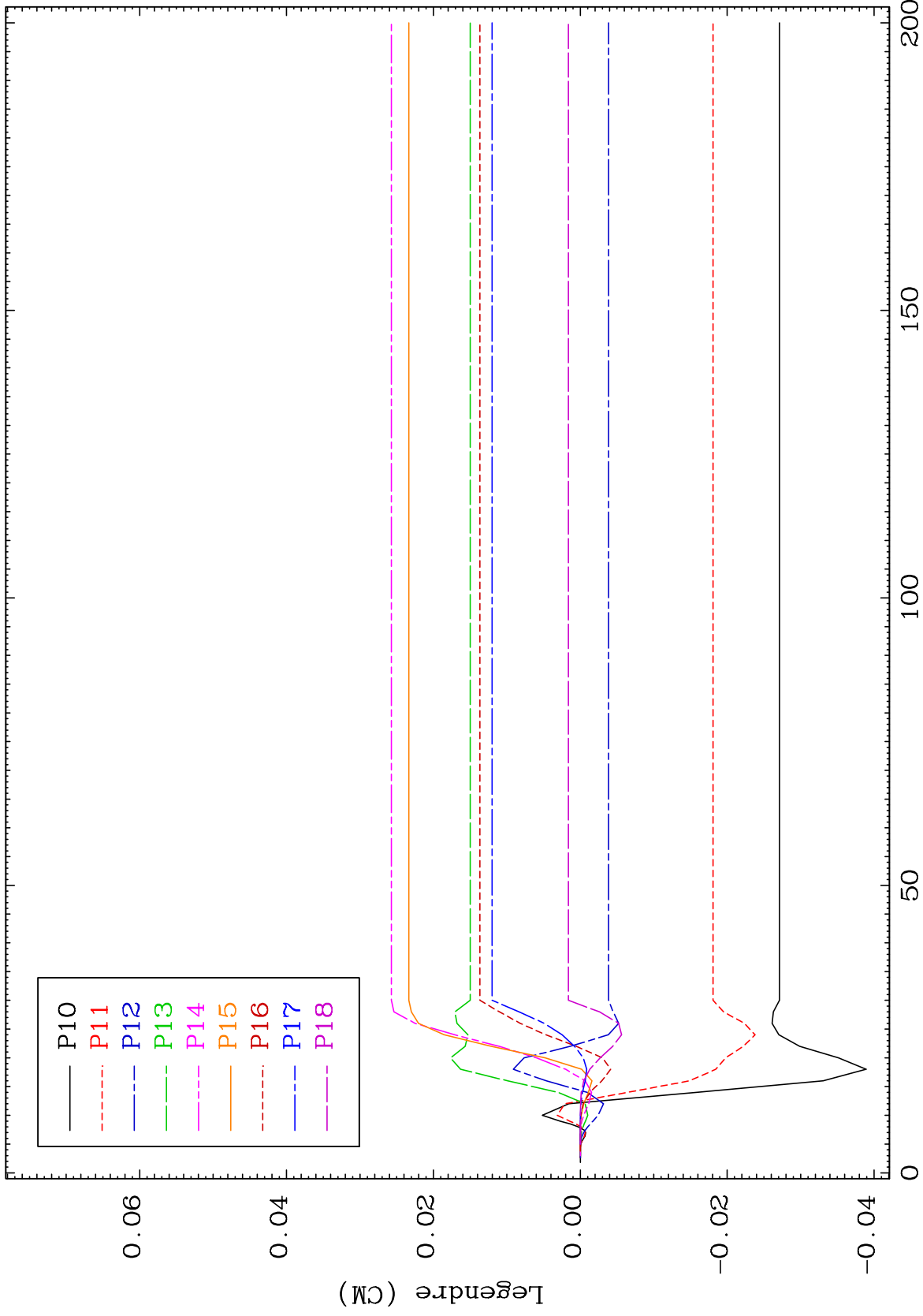


72-Hf-183

Incident Energy (MeV)

135

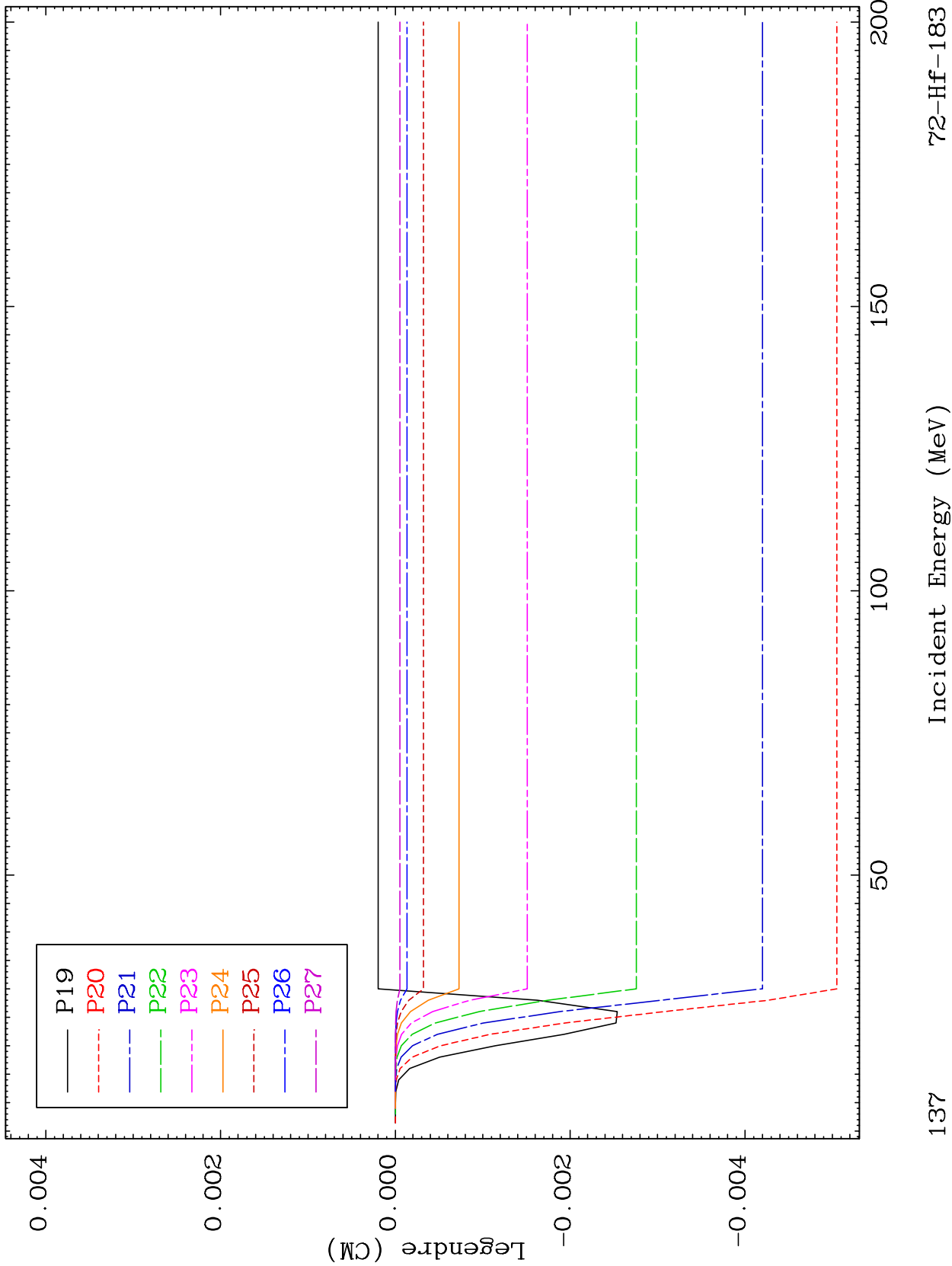




MAT 7252

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

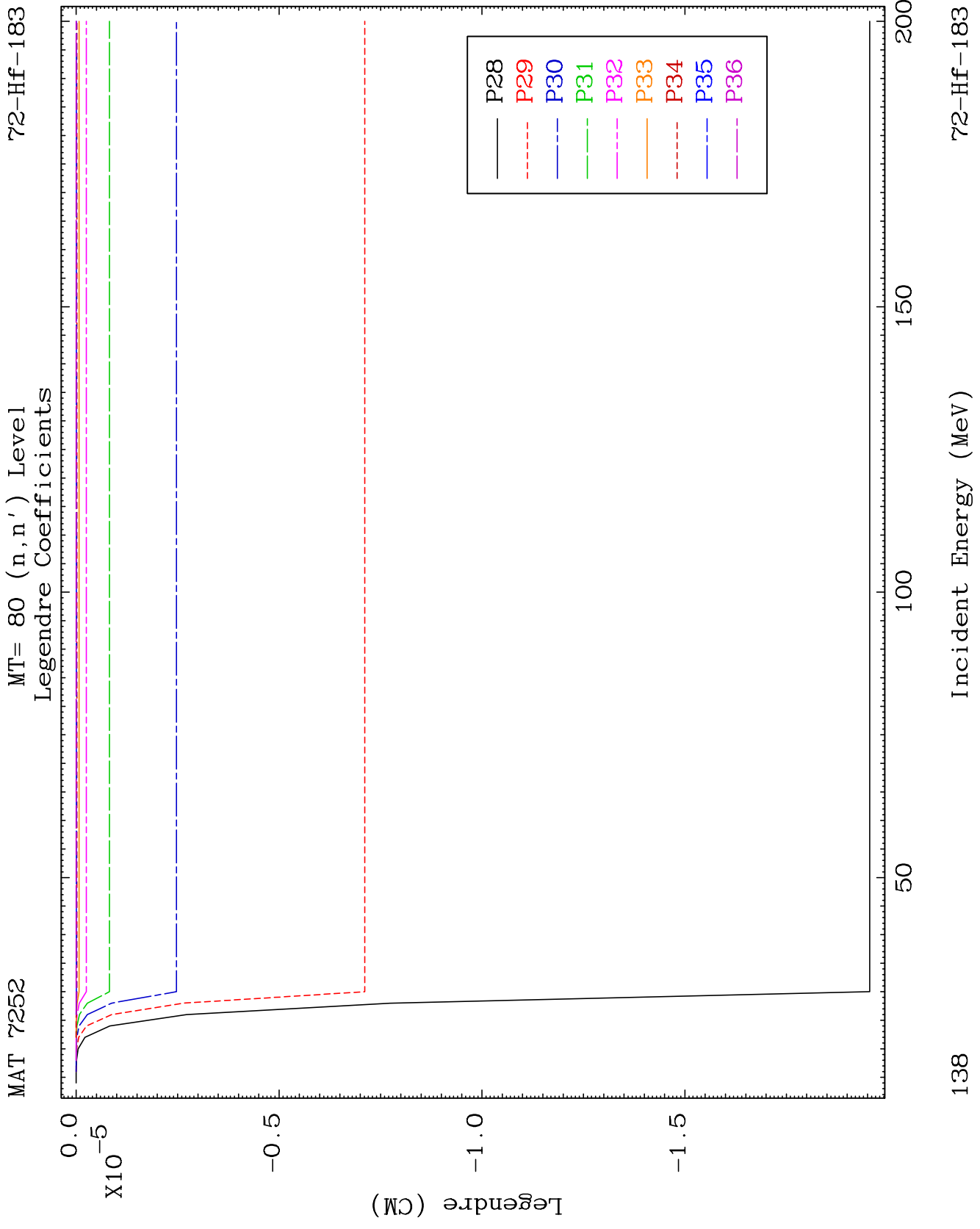
72-Hf-183



137

Incident Energy (MeV)

72-Hf-183

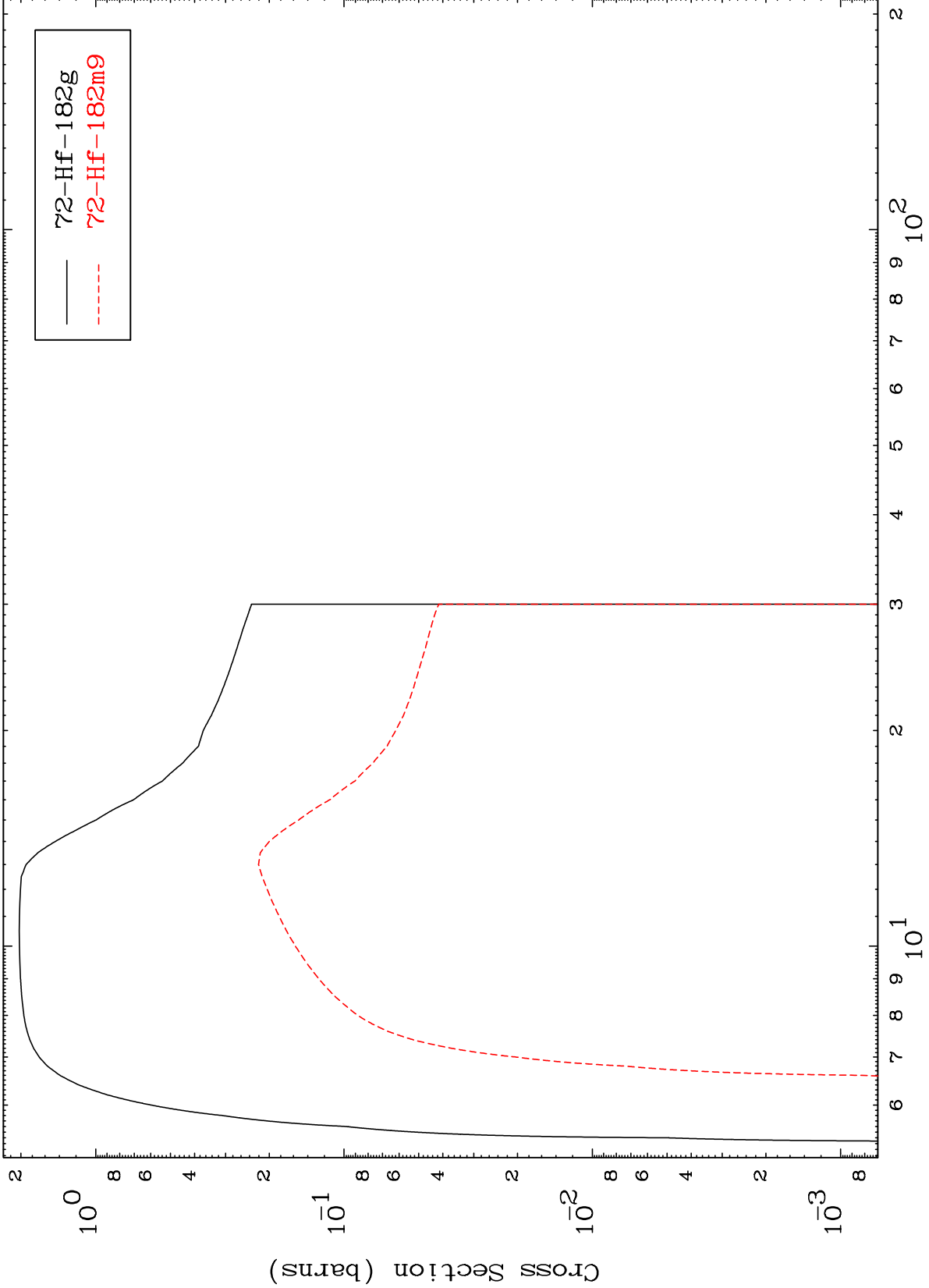


MAT 7252

(n,2n)

72-Hf-183

Radionuclide Production Cross Section



139

Incident Energy (MeV)

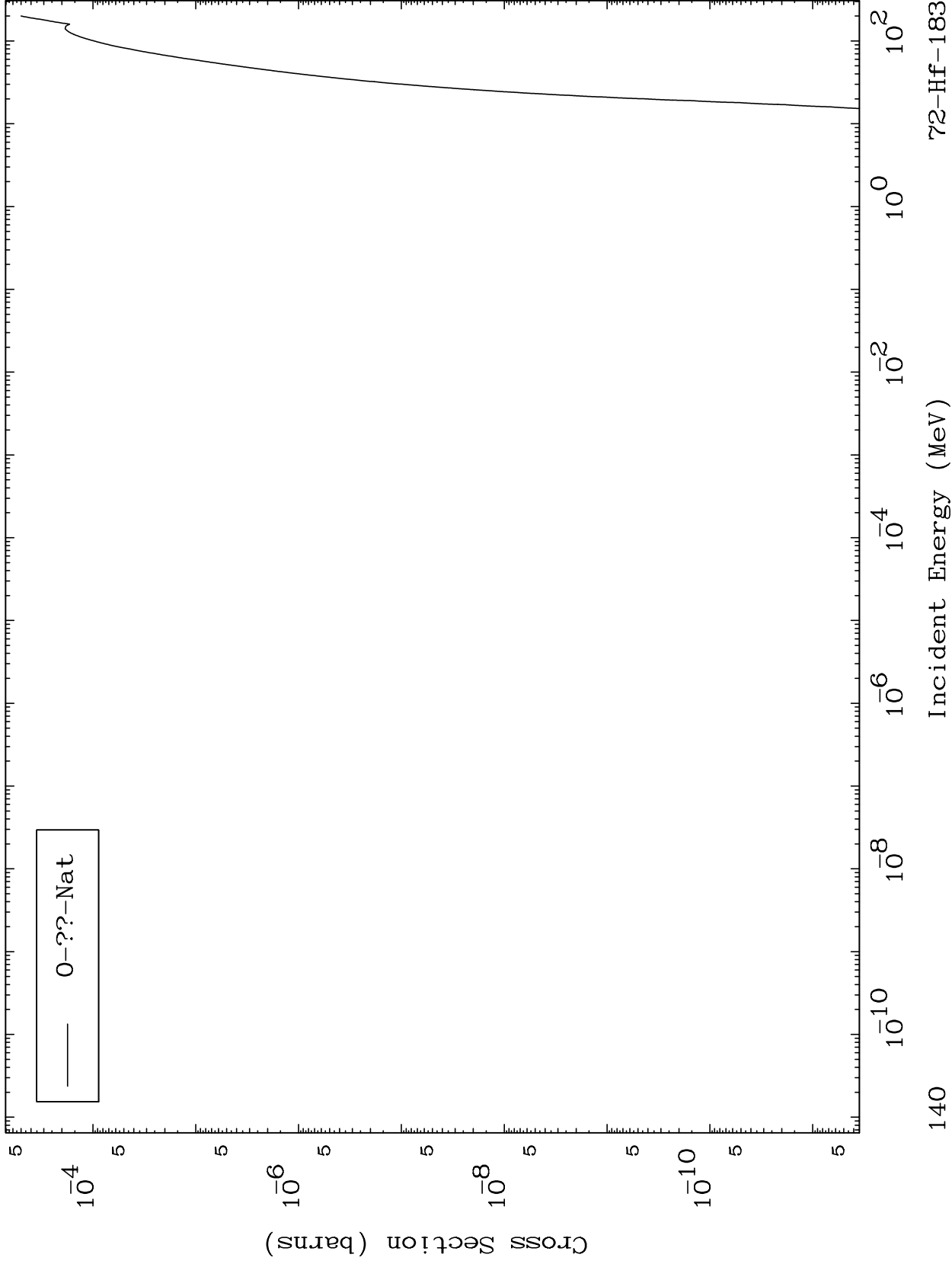
72-Hf-183

MAT 7252

Fission

72-Hf-183

Radionuclide Production Cross Section



140

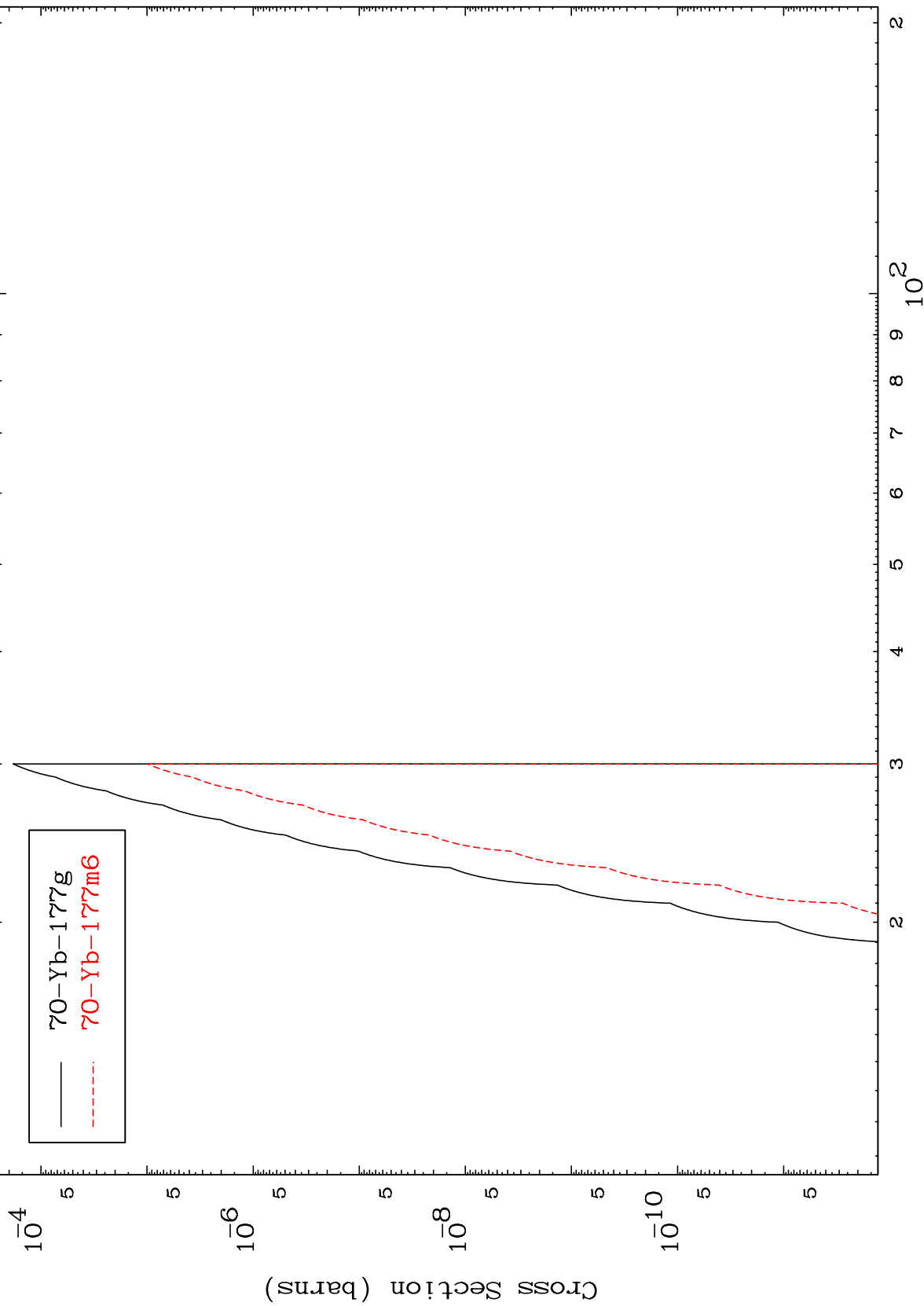
72-Hf-183

MAT 7252

(n,3n)  $\alpha$

72-Hf-183

Radionuclide Production Cross Section



141

Incident Energy (MeV)

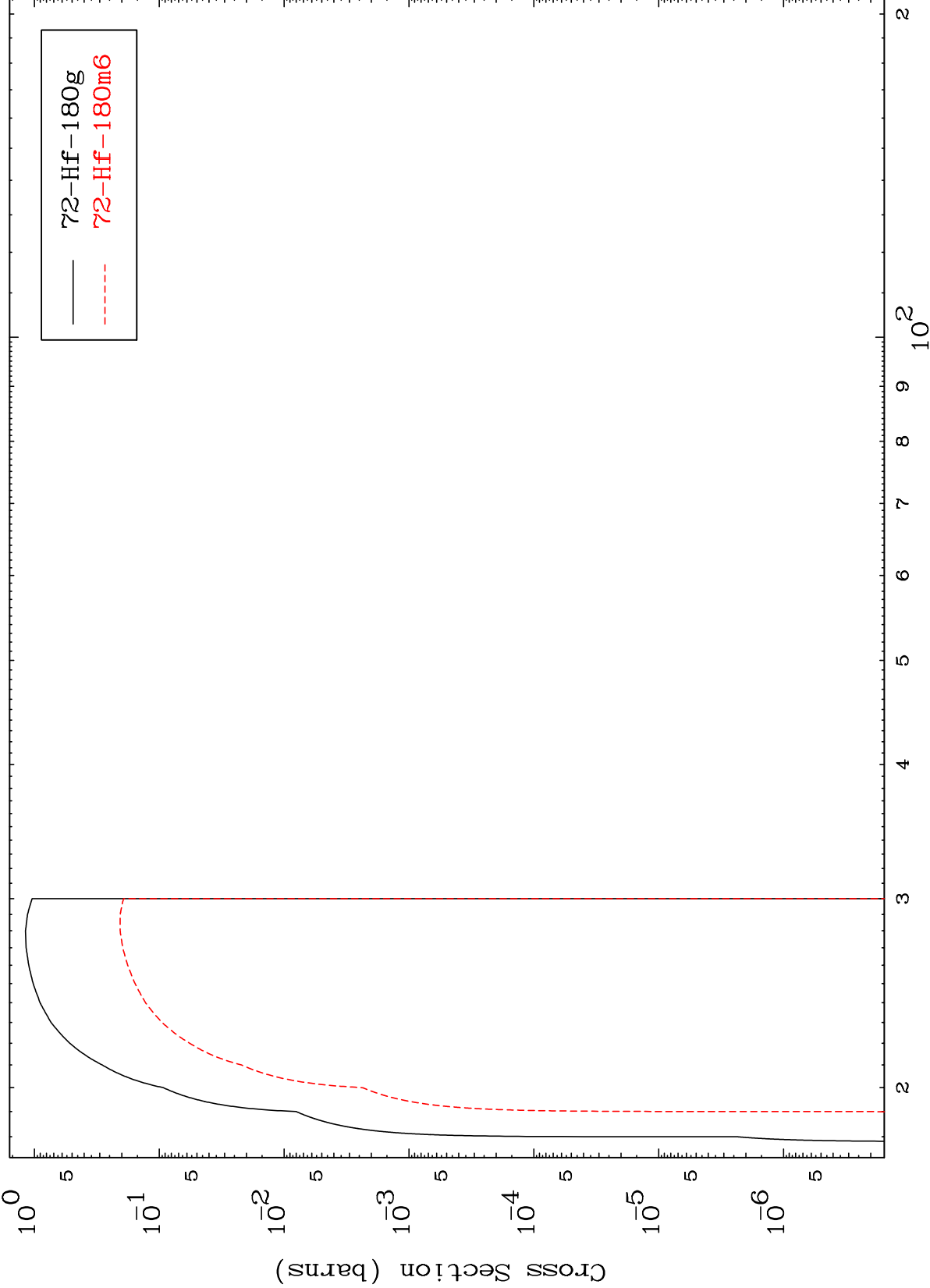
72-Hf-183

MAT 7252

(n,4n)

72-Hf-183

Radionuclide Production Cross Section



72-Hf-180g  
72-Hf-180m6

142

Incident Energy (MeV)

72-Hf-183

MAT 7252

72-Hf-183

