

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

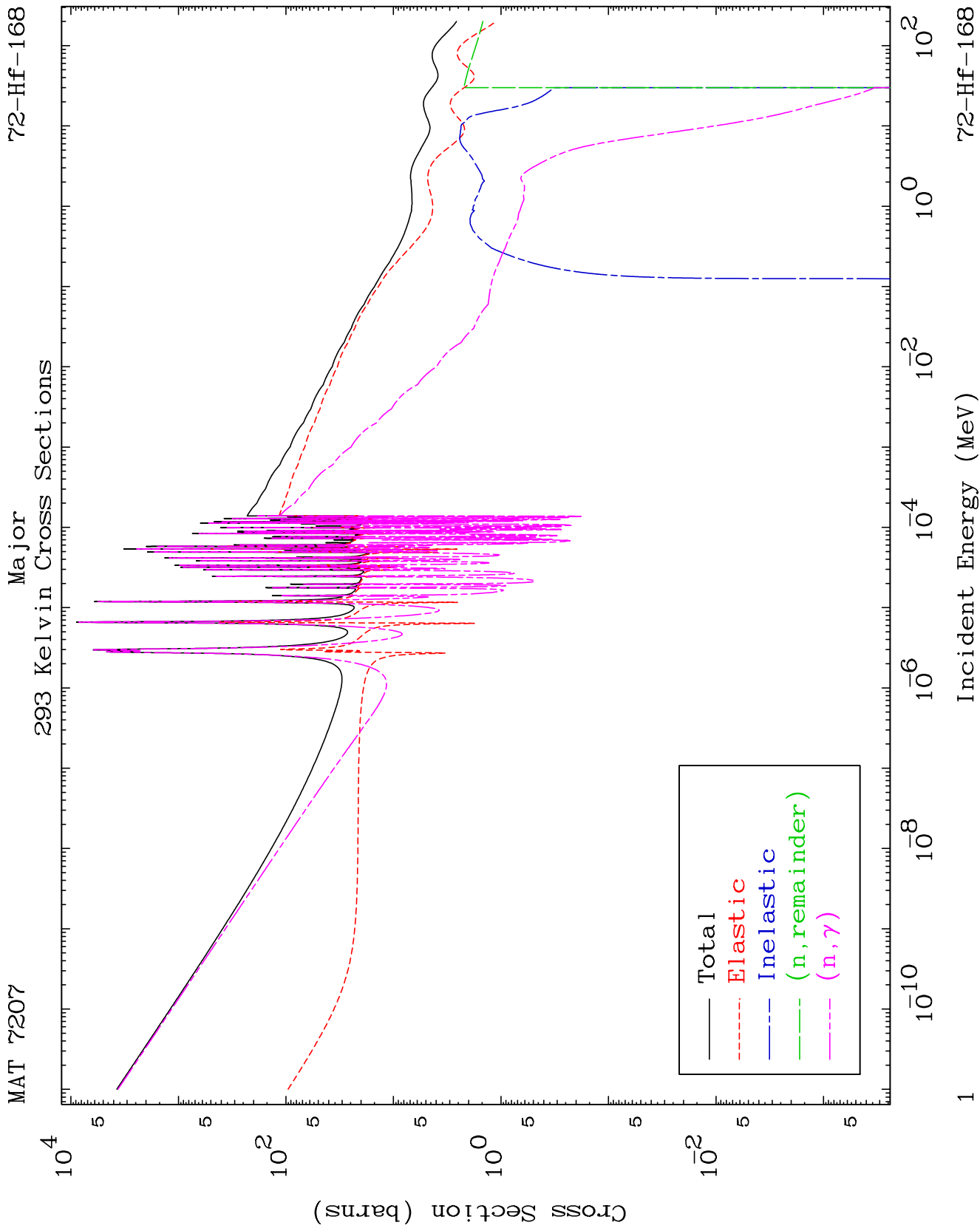
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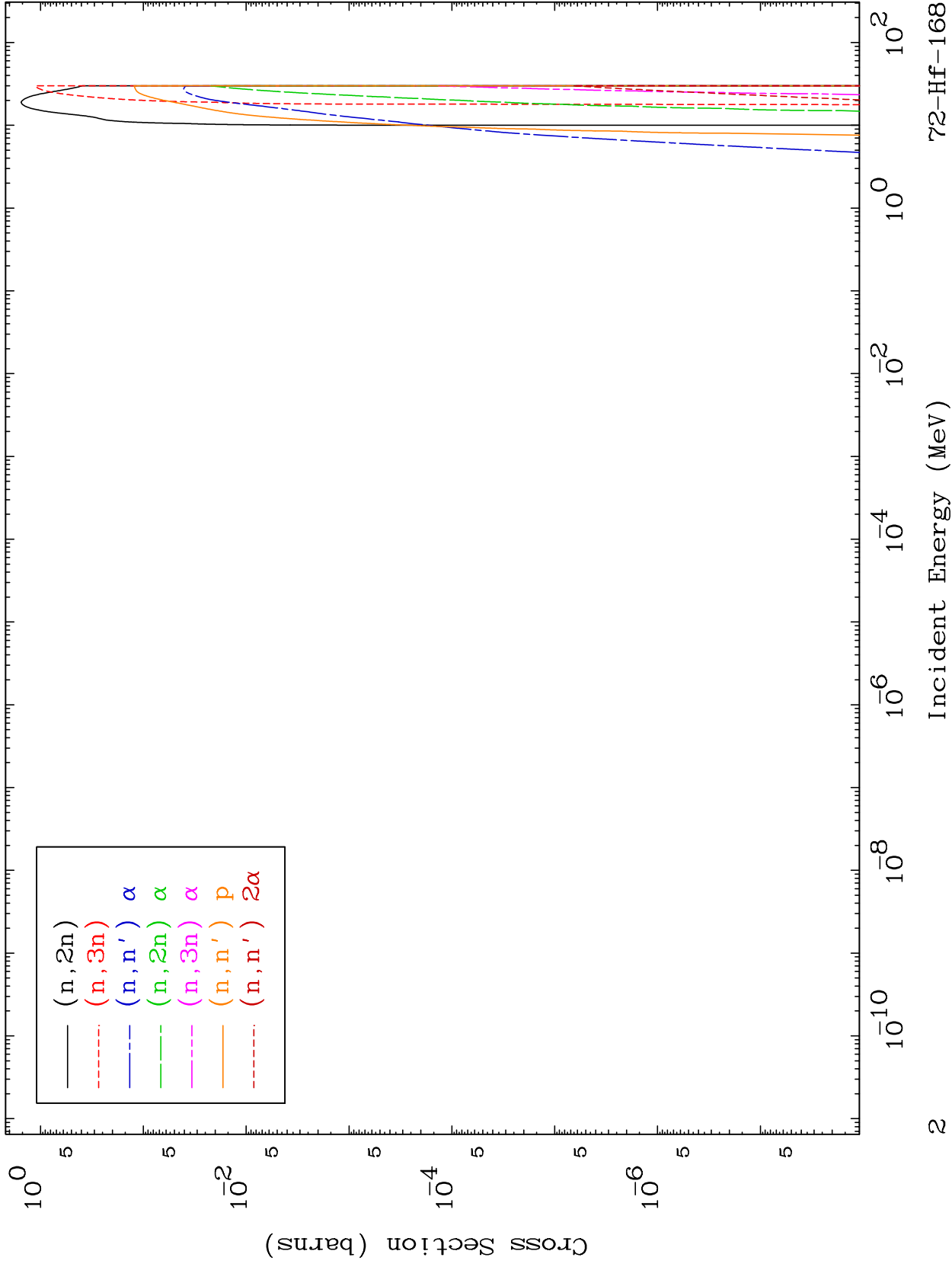
Press Mouse Button to Start

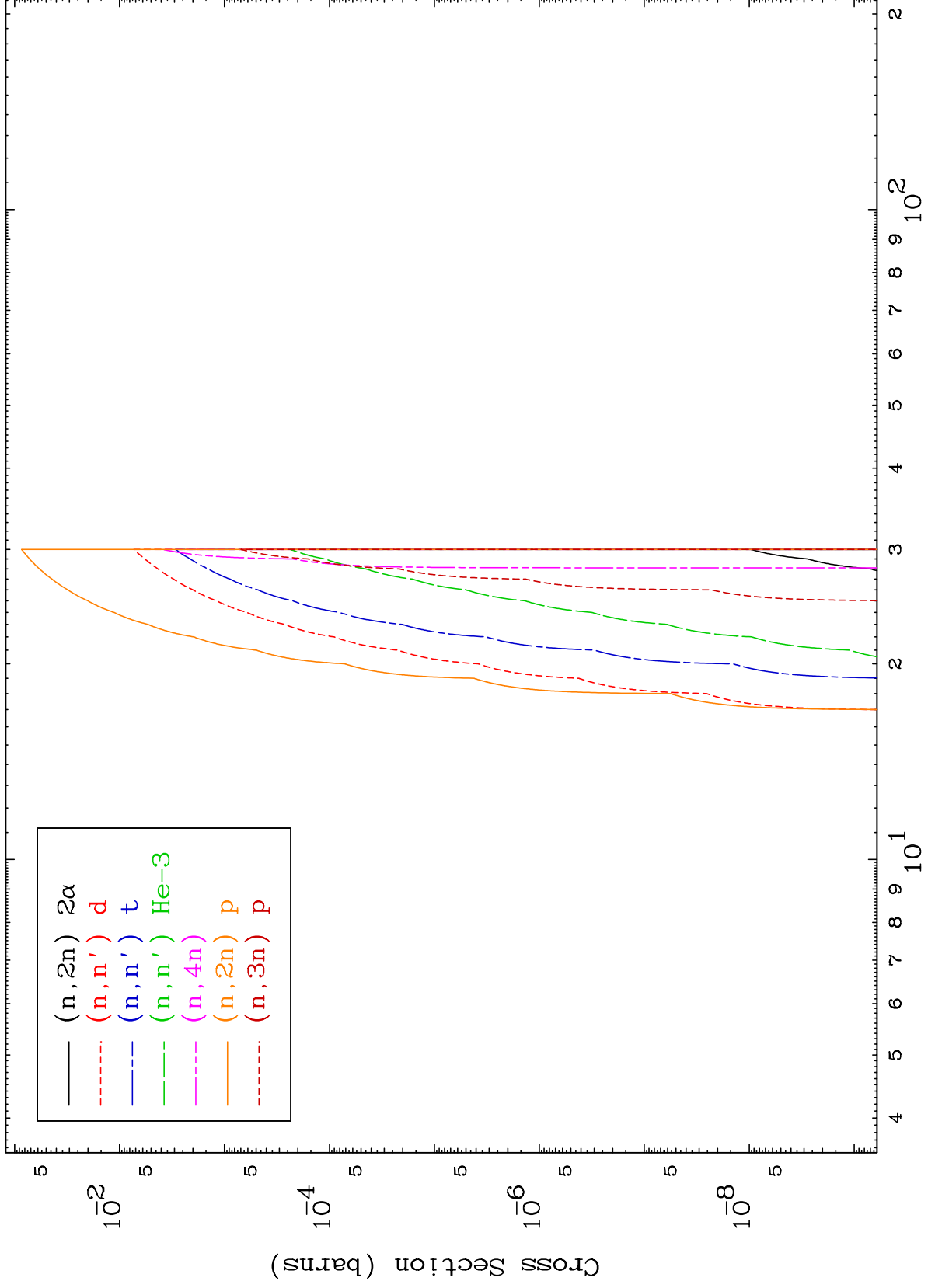


MAT 7207

Neutron Production  
293 Kelvin Cross Sections

72-Hf-168

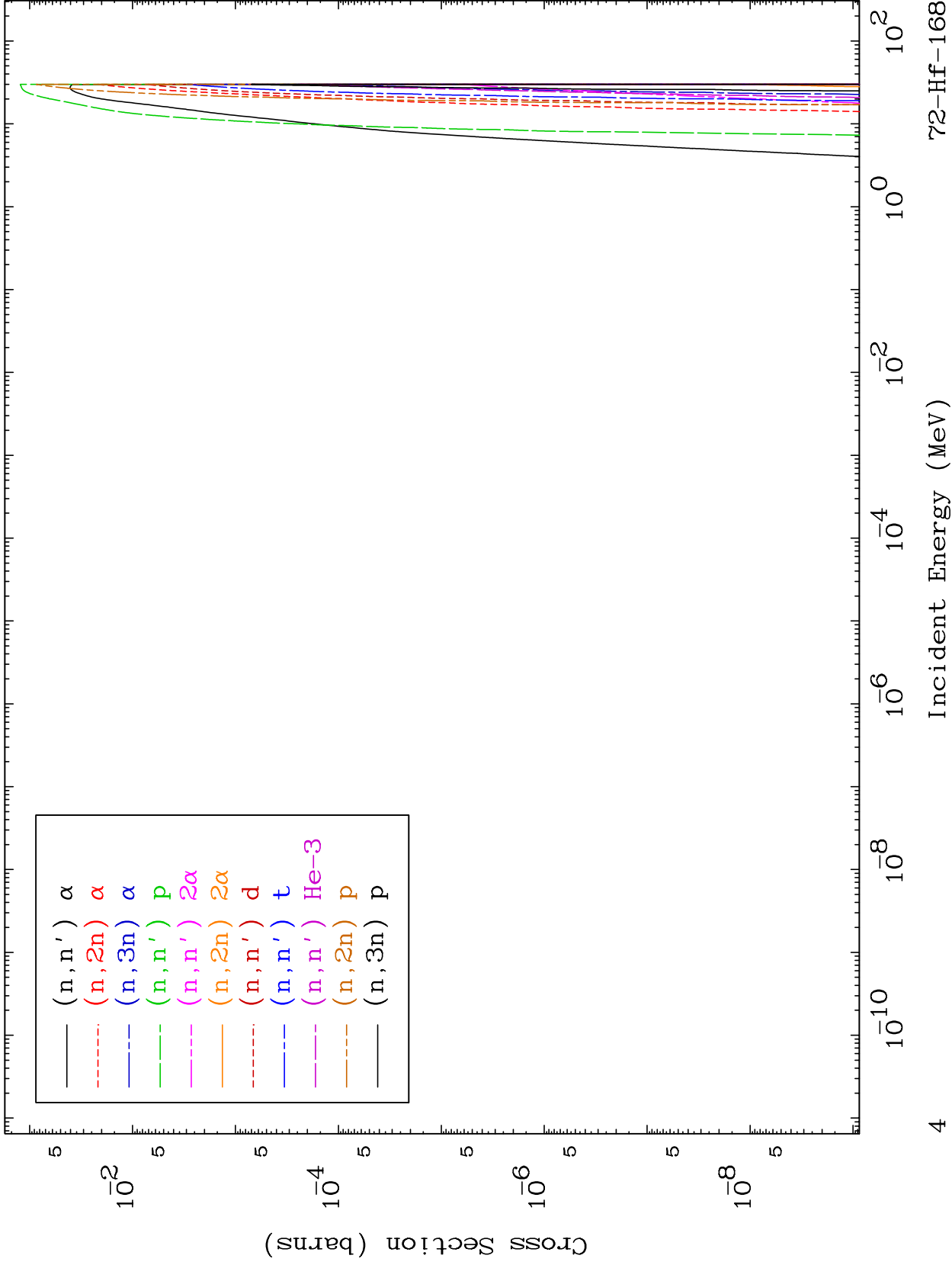




MAT 7207

Charged Particle  
293 Kelvin Cross Sections

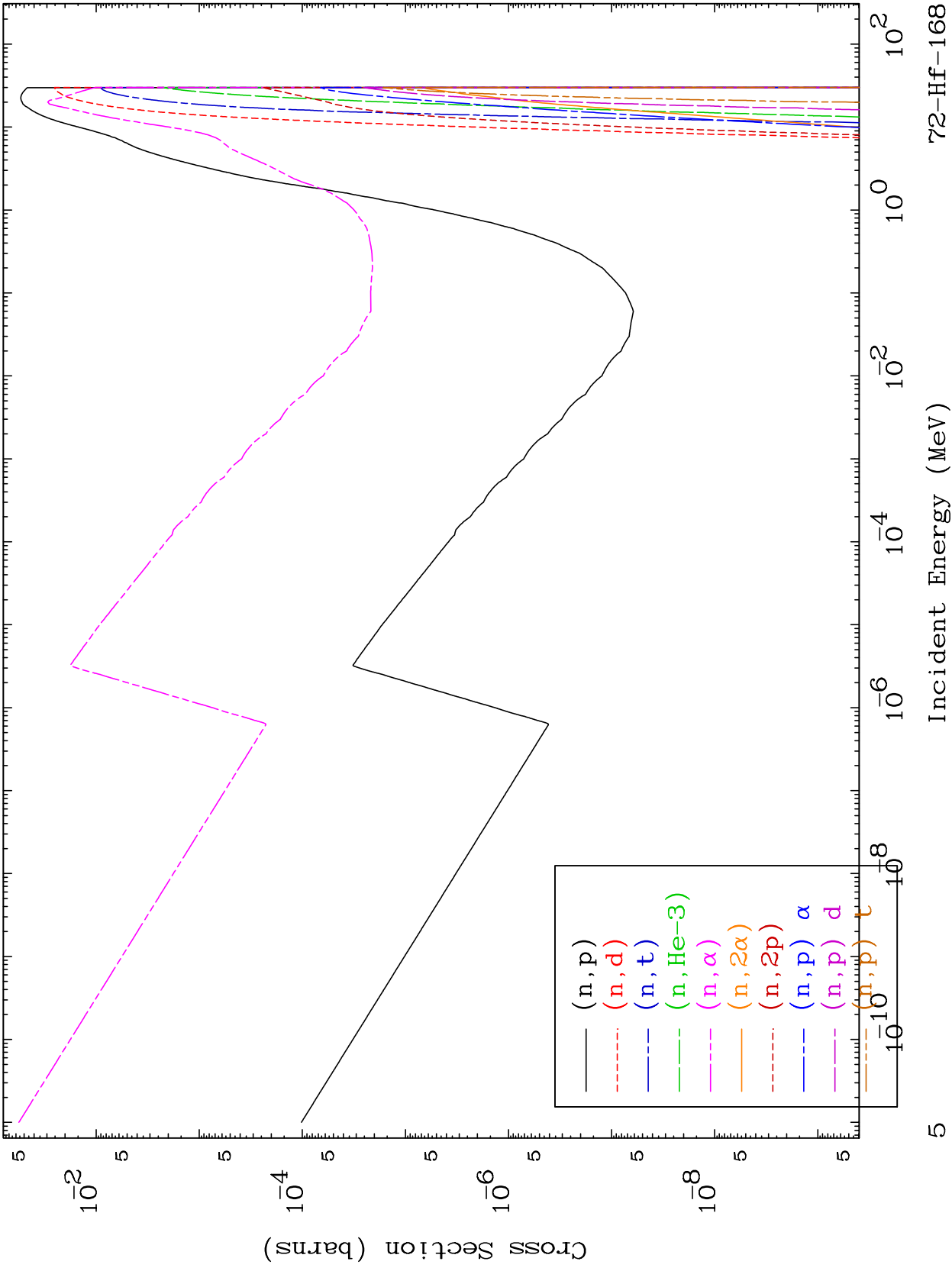
72-Hf-168



MAT 7207

Charged Particle  
293 Kelvin Cross Sections

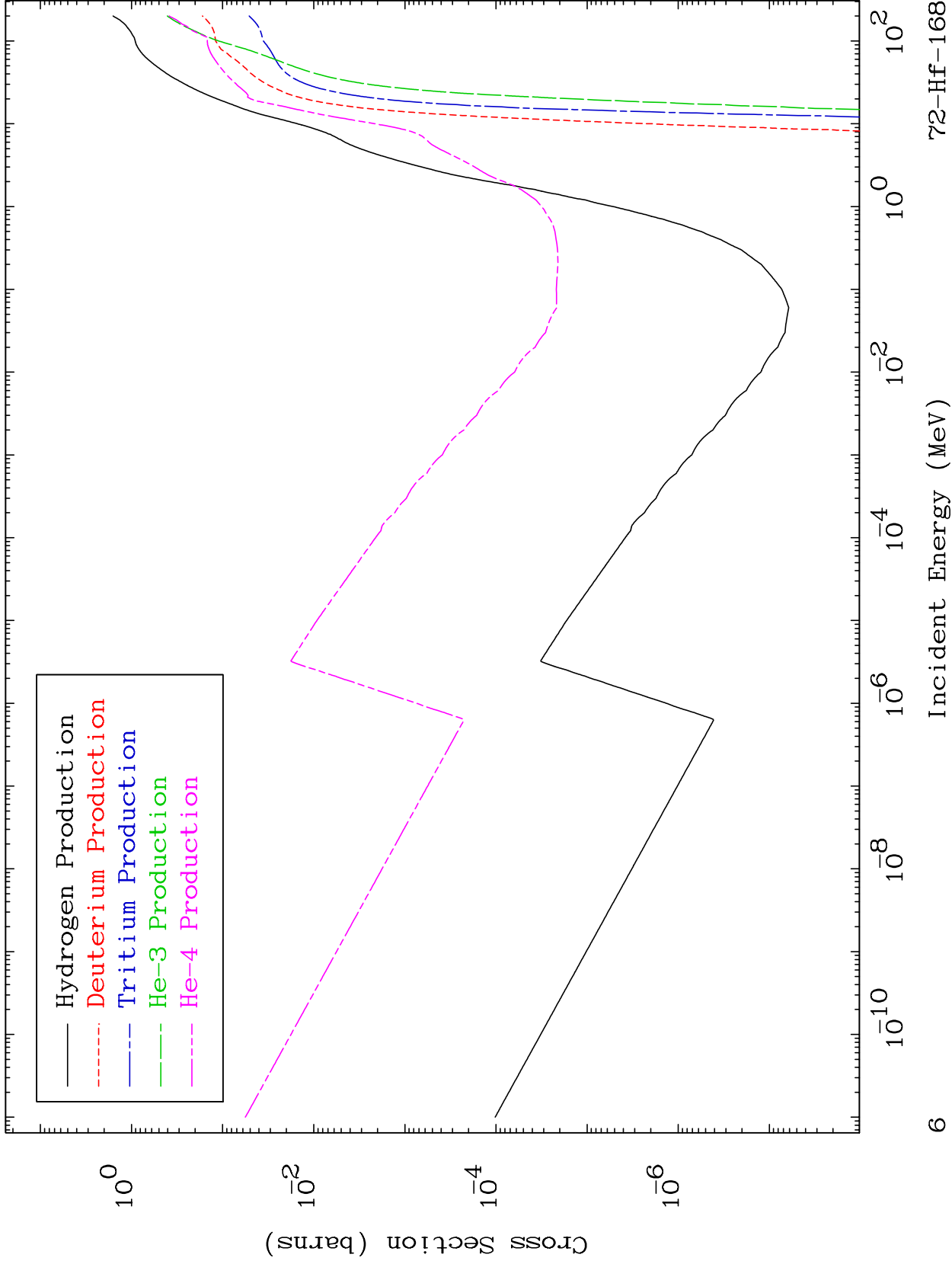
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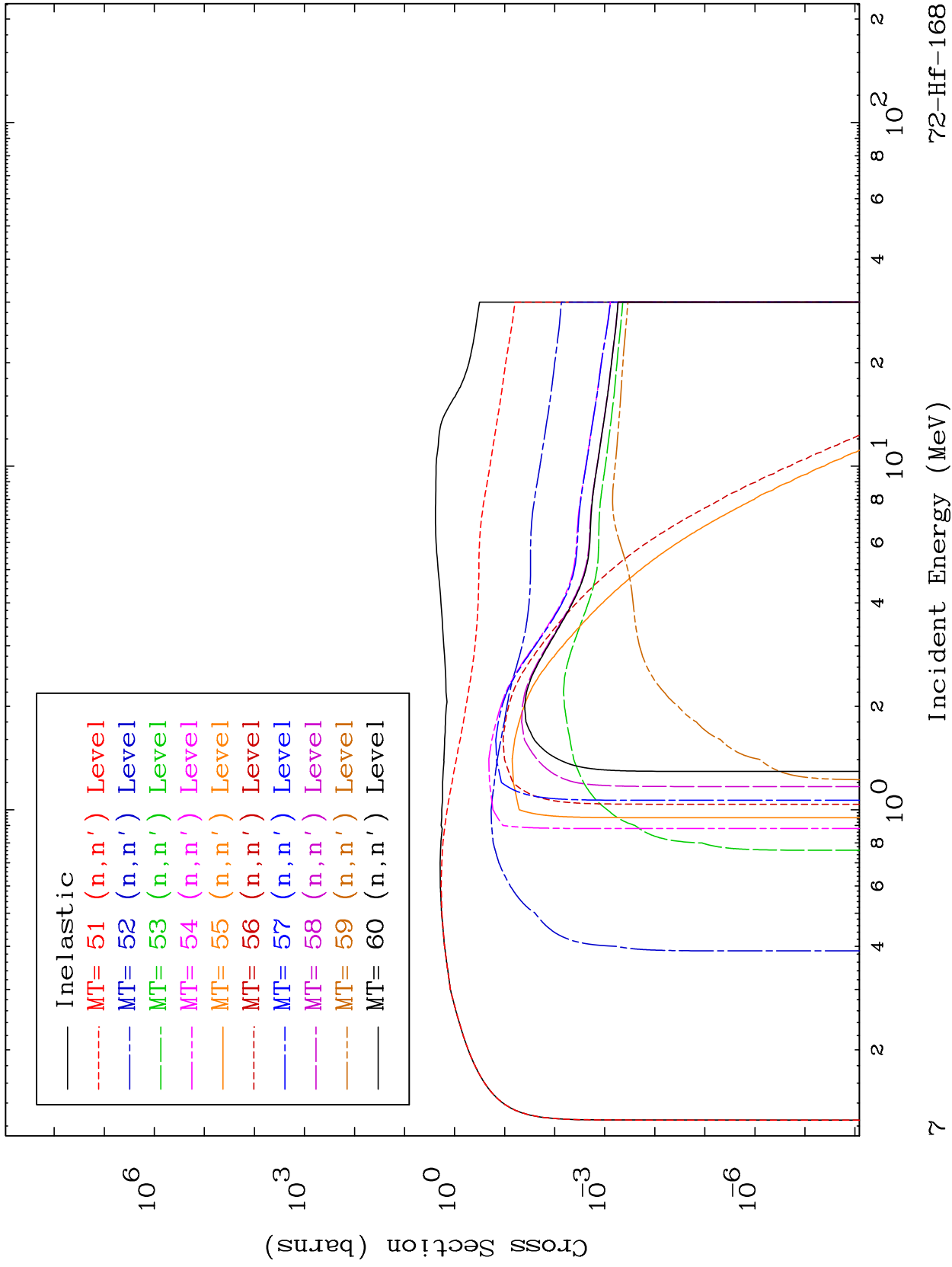


MAT 7207

Particle Production  
293 Kelvin Cross Sections

72-Hf-168





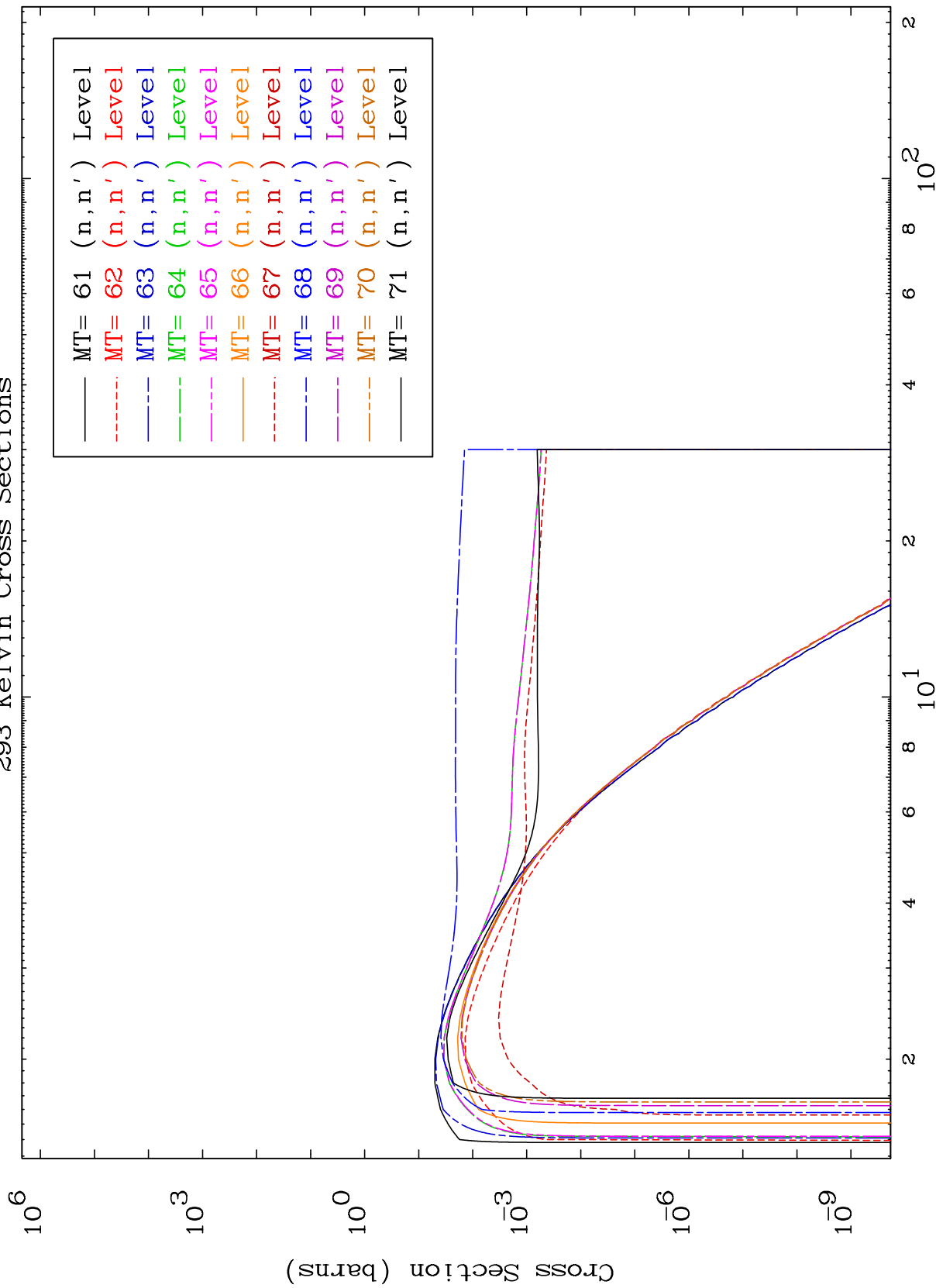


MAT 7207

(n,n') Level

293 Kelvin Cross Sections

72-Hf-168



8

Incident Energy (MeV)

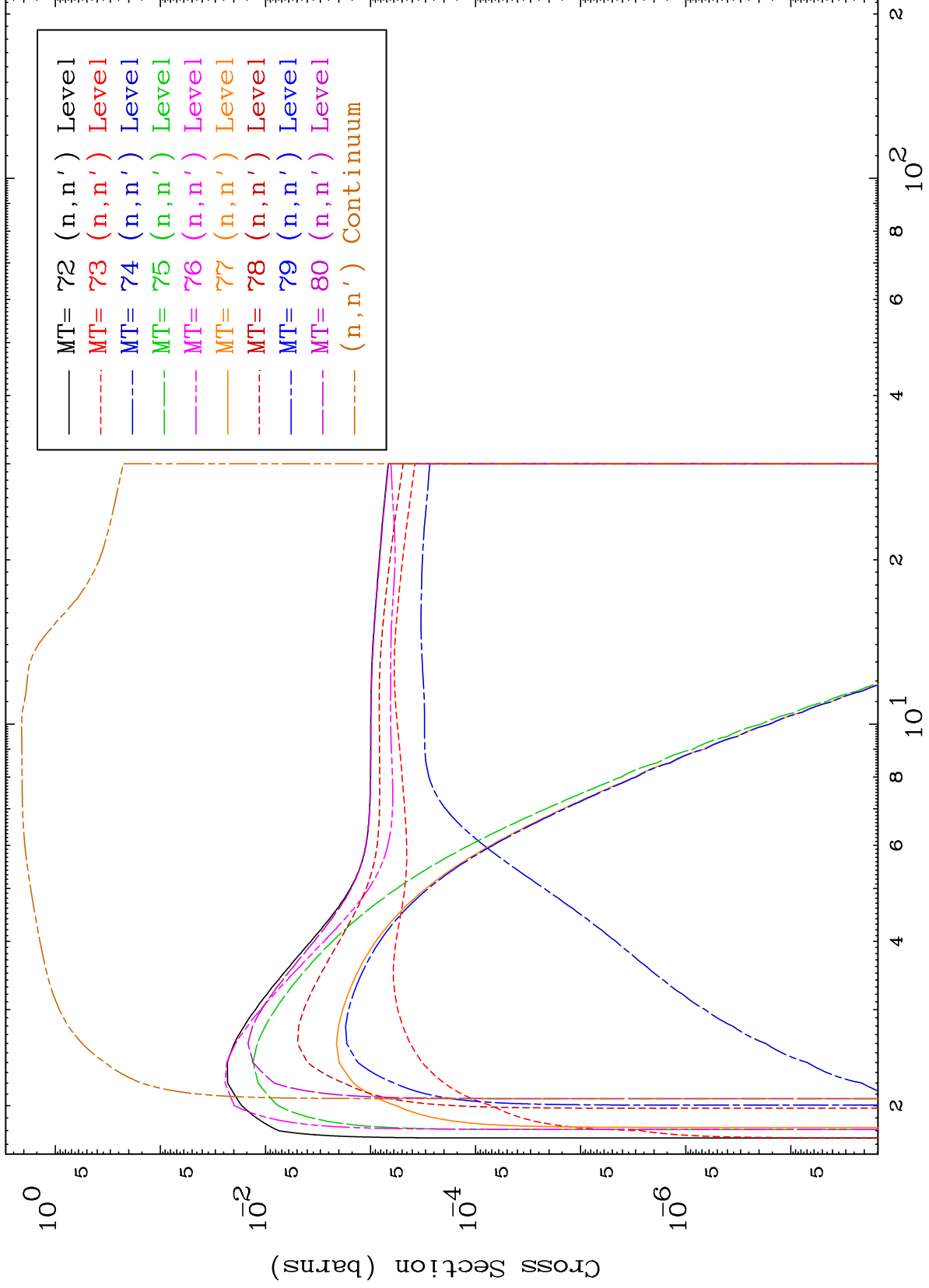
72-Hf-168

MAT 7207

(n,n') Level

72-Hf-168

293 Kelvin Cross Sections



9

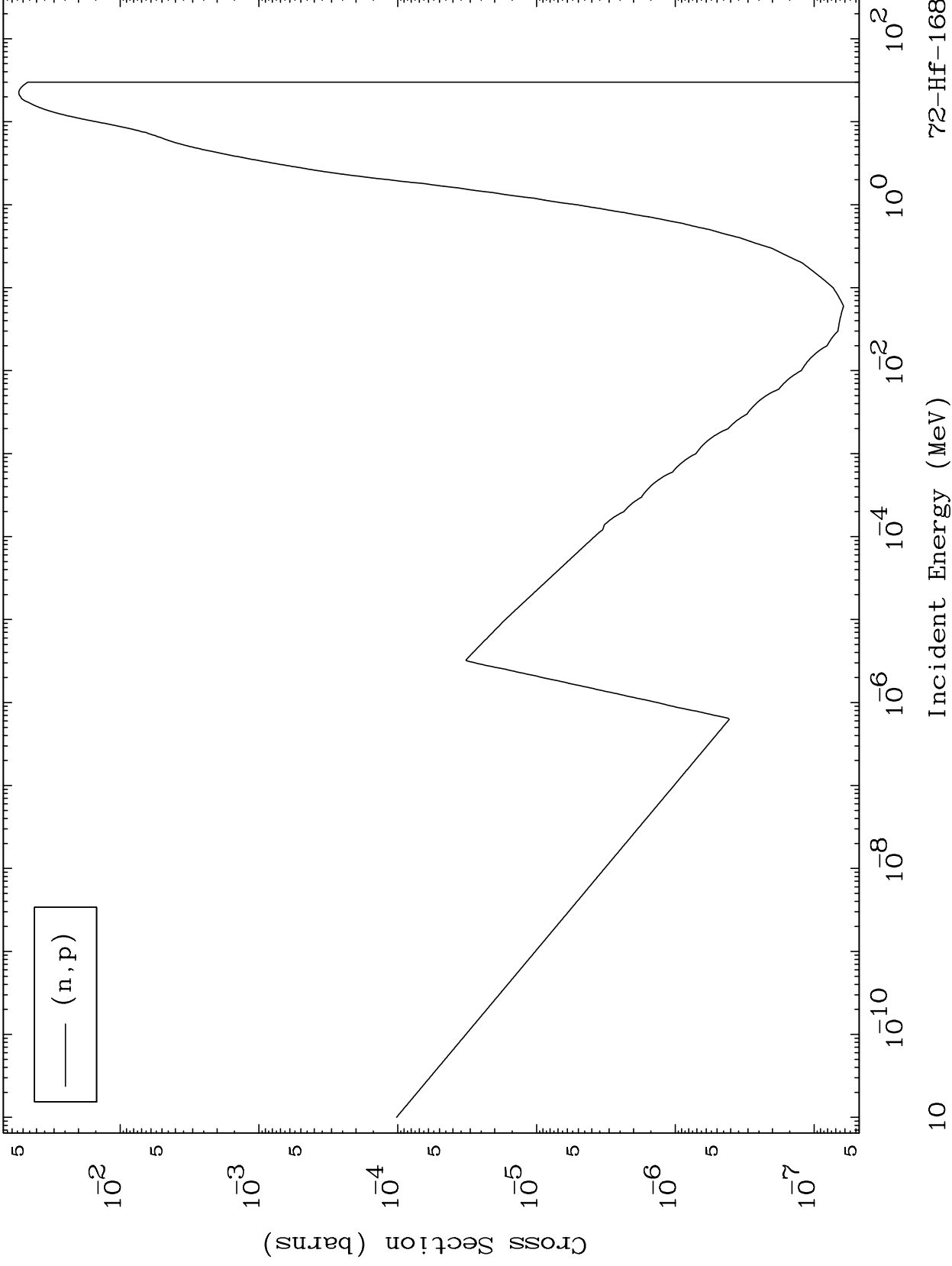
Incident Energy (MeV)

72-Hf-168

MAT 7207

(n,p) Levels  
293 Kelvin Cross Sections

72-Hf-168



10

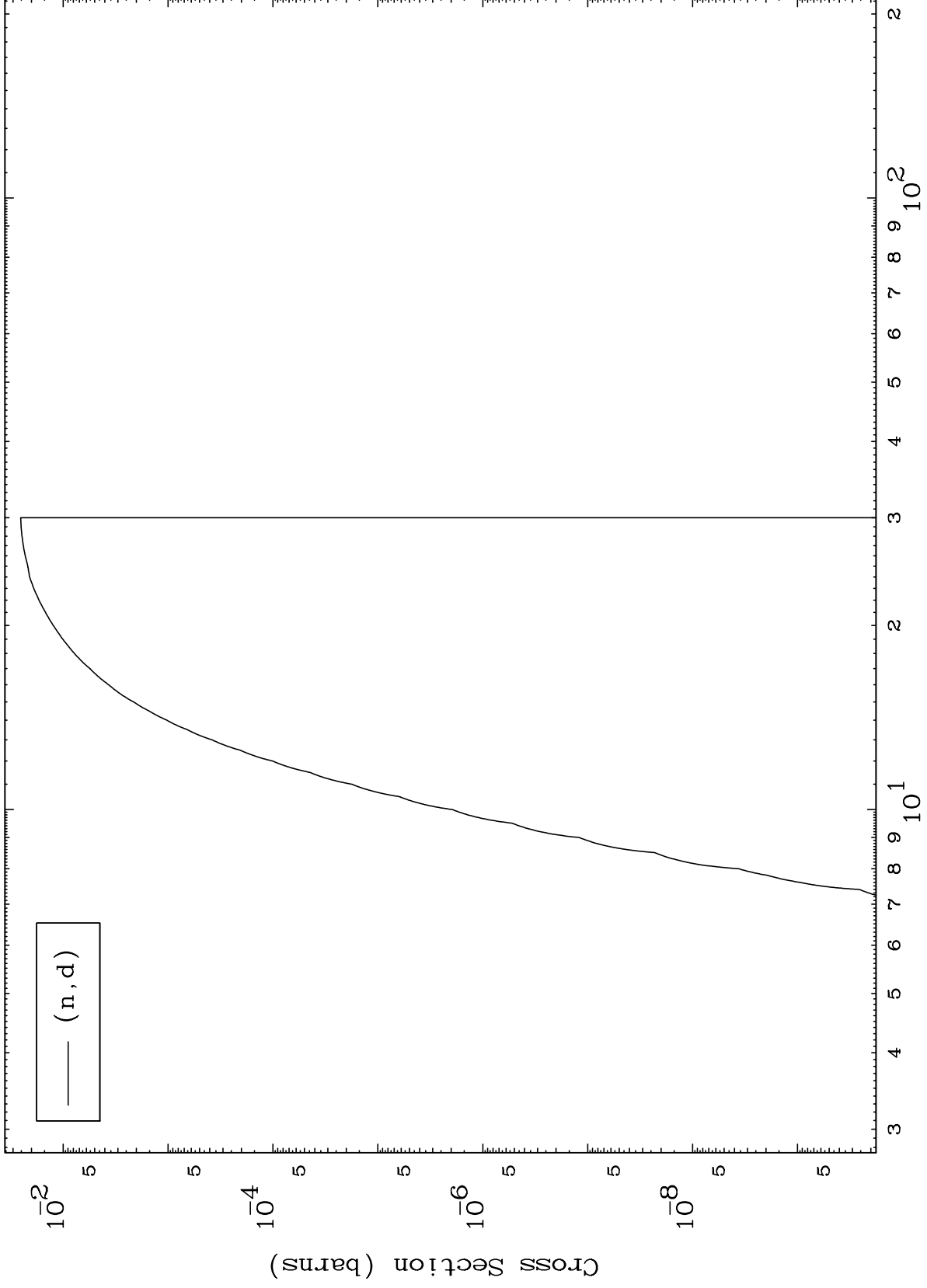
Incident Energy (MeV)

72-Hf-168

MAT 7207

(n,d) Levels  
293 Kelvin Cross Sections

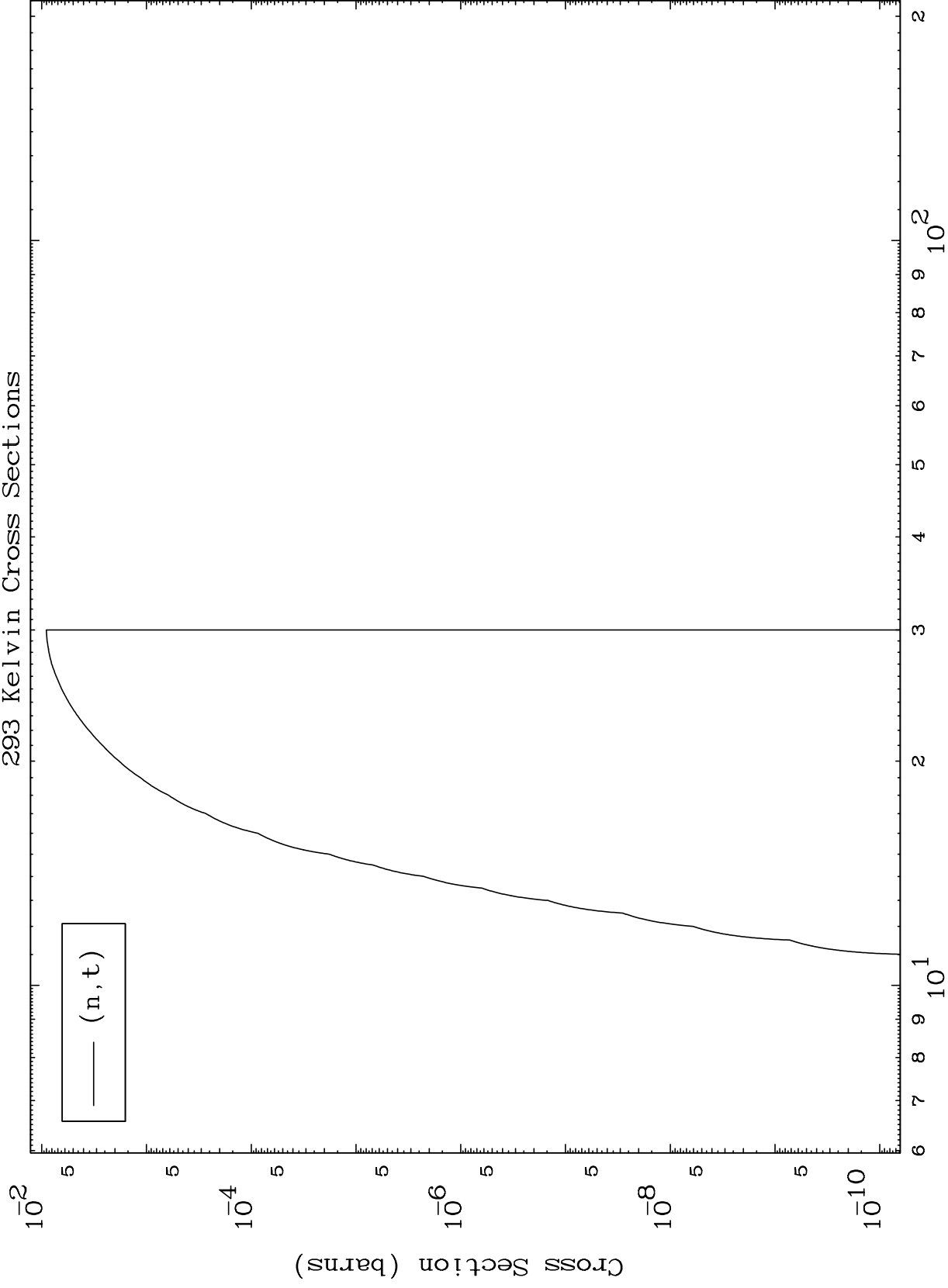
72-Hf-168



MAT 7207

(n,t) Levels  
293 Kelvin Cross Sections

72-Hf-168



12

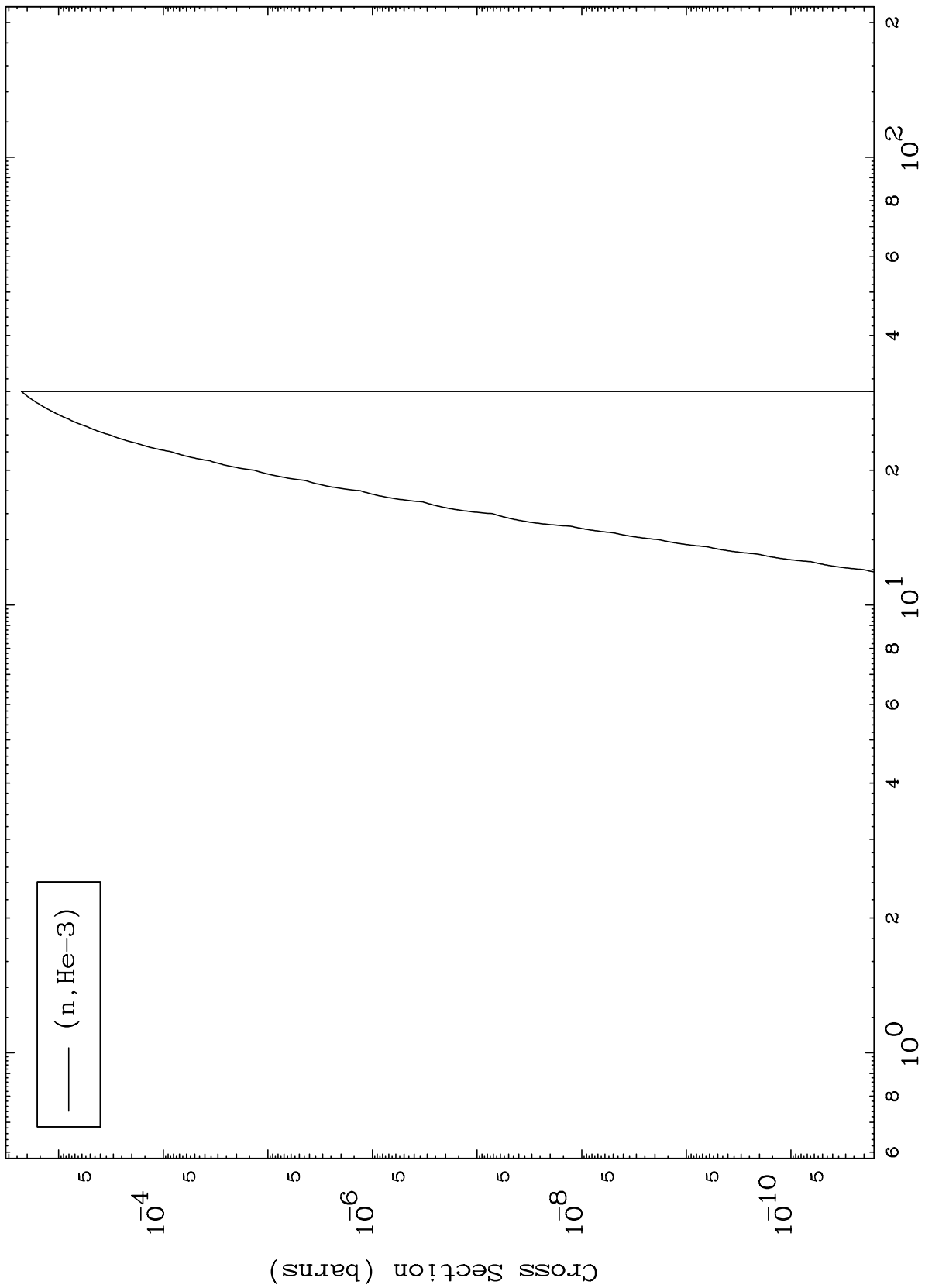
Incident Energy (MeV)

72-Hf-168

MAT 7207

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-168



13

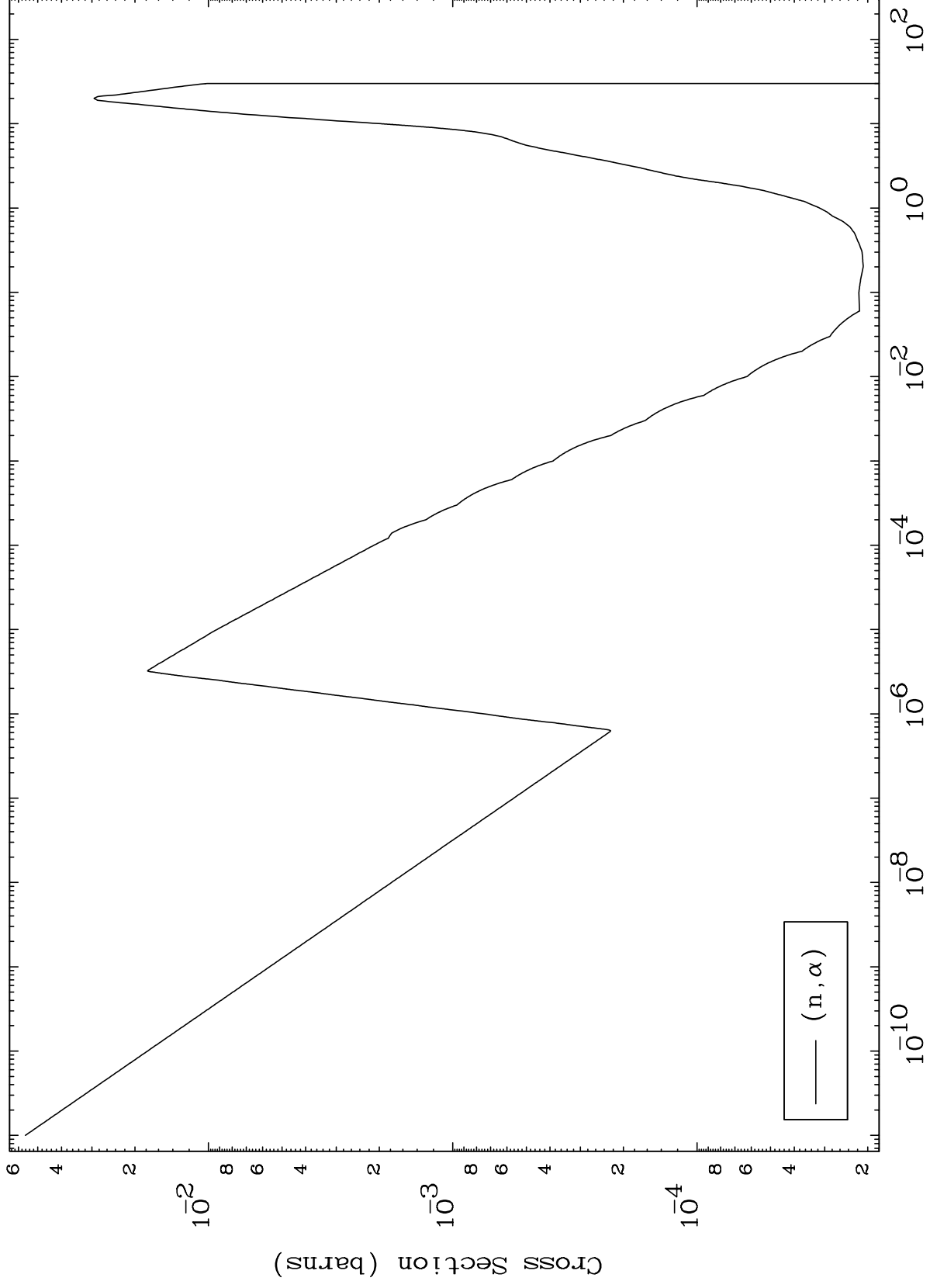
Incident Energy (MeV)

72-Hf-168

MAT 7207

(n,α) Levels  
293 Kelvin Cross Sections

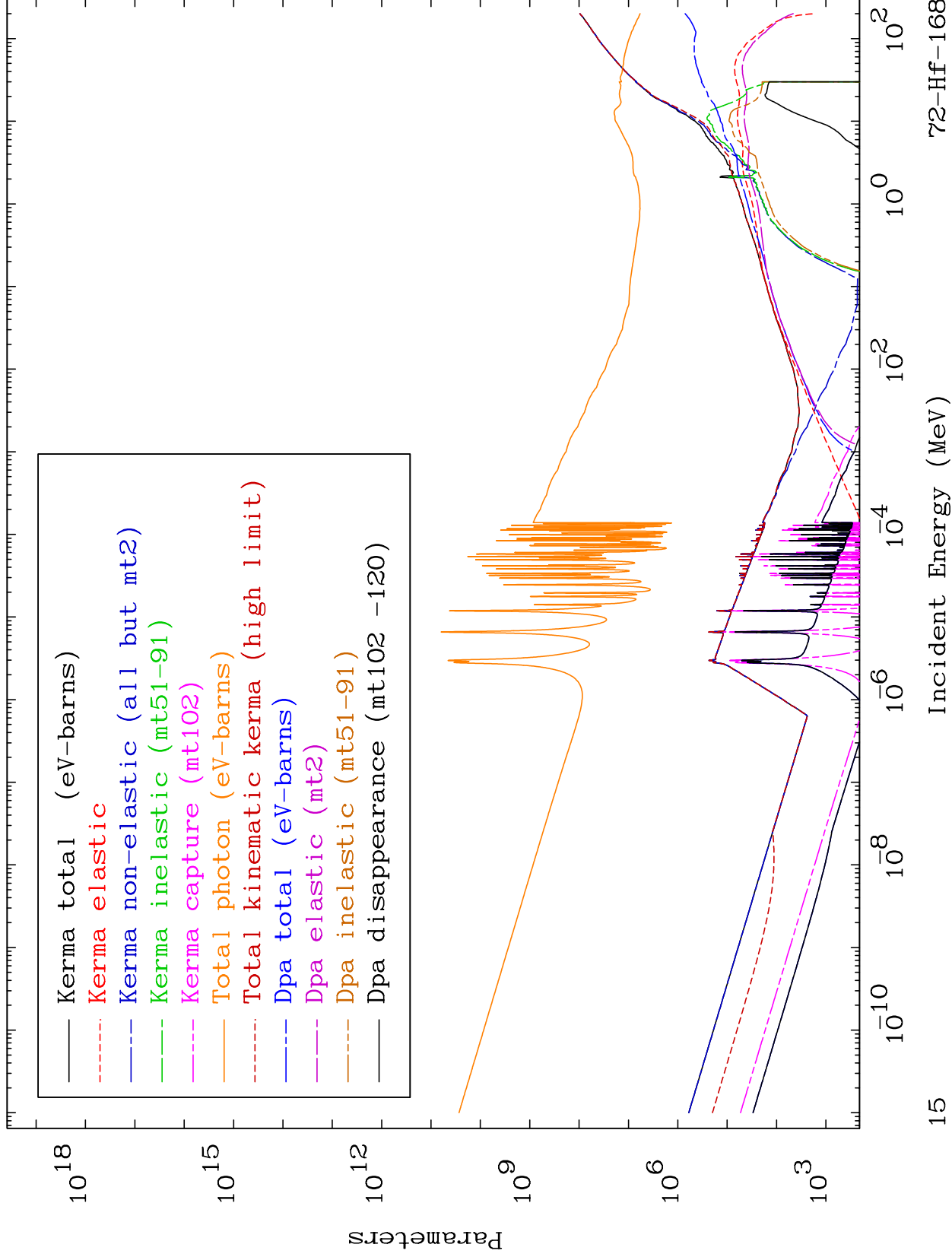
72-Hf-168



14

Incident Energy (MeV)

72-Hf-168

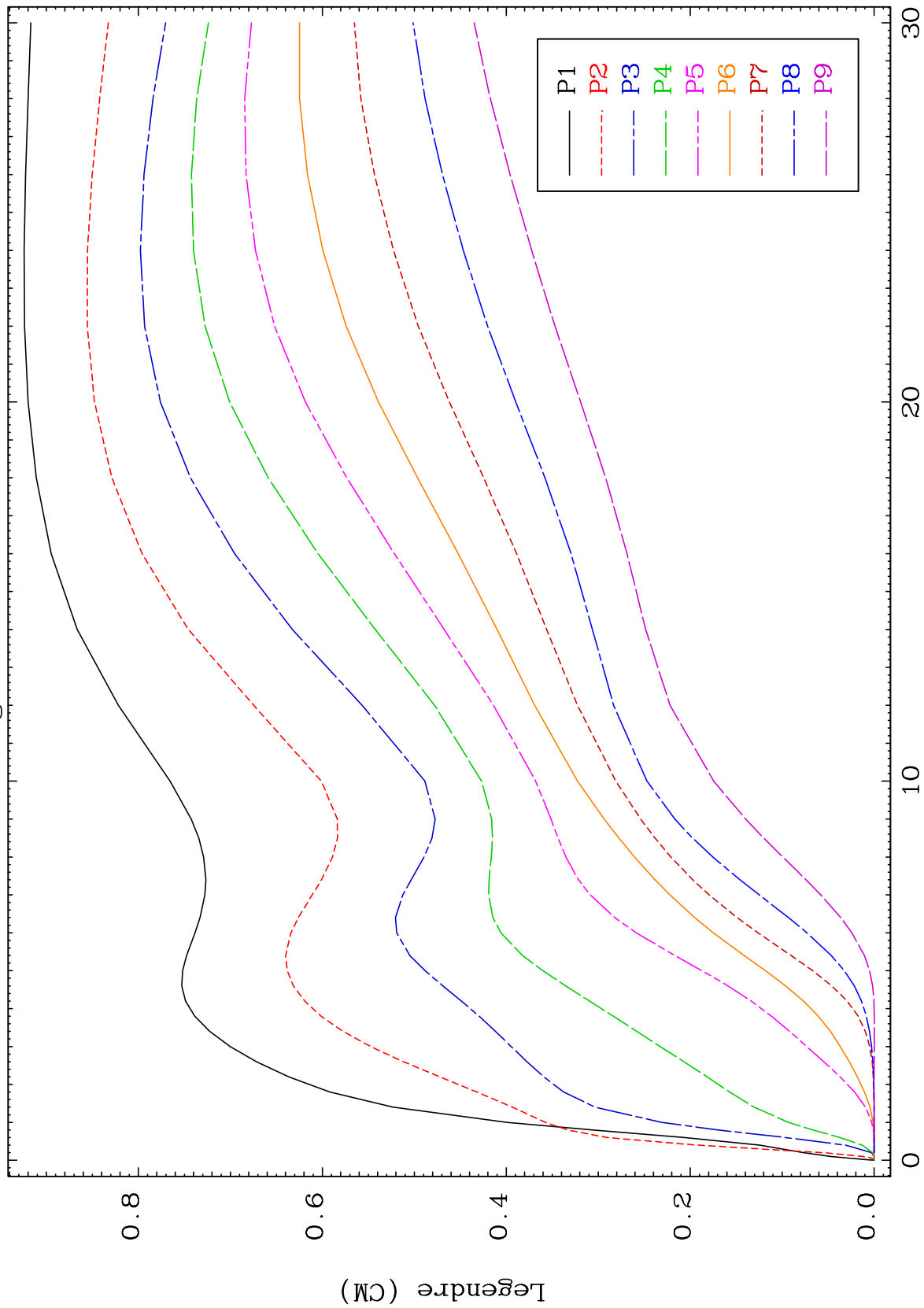




MAT 7207

Elastic Legendre Coefficients

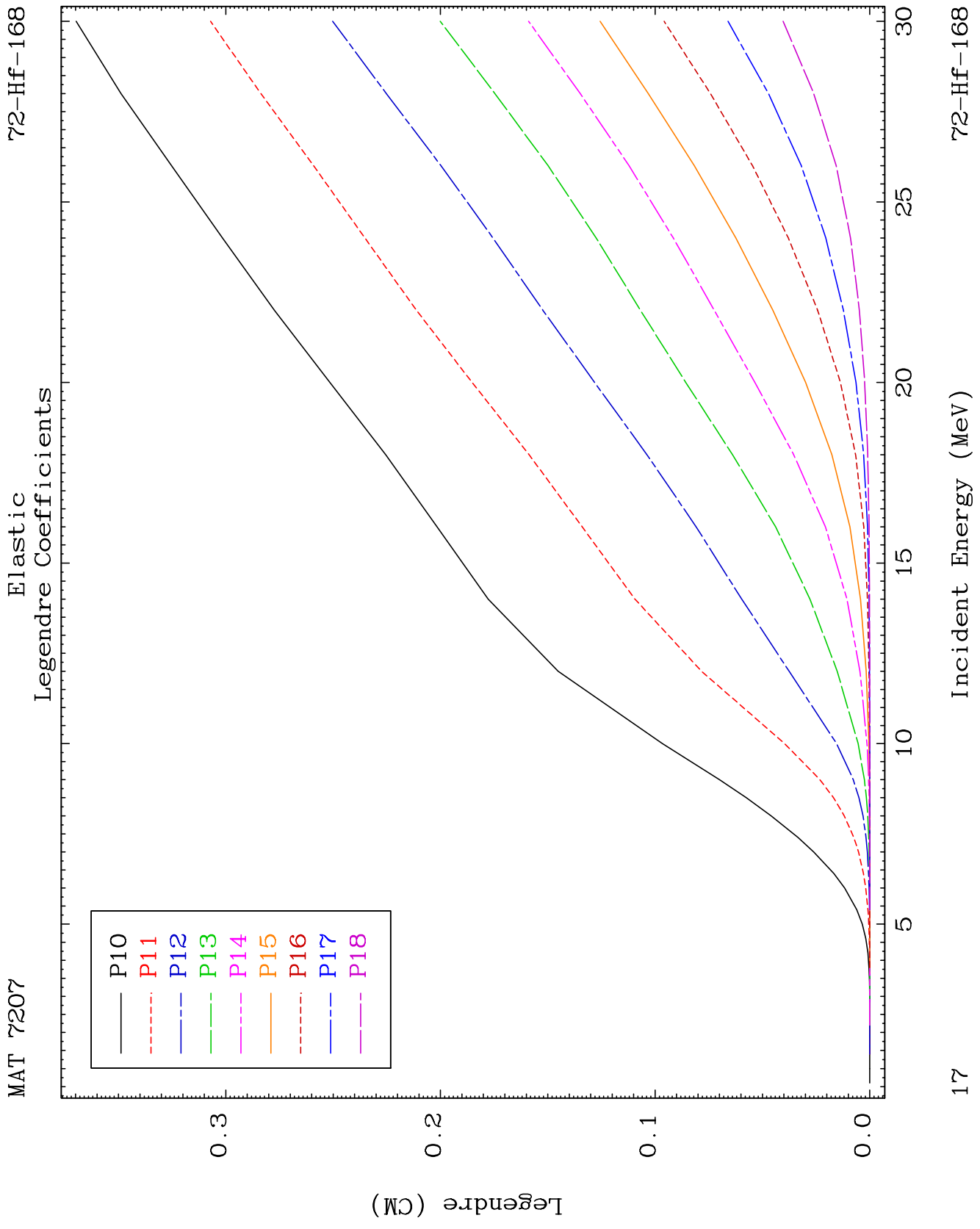
72-Hf-168



16

Incident Energy (MeV)

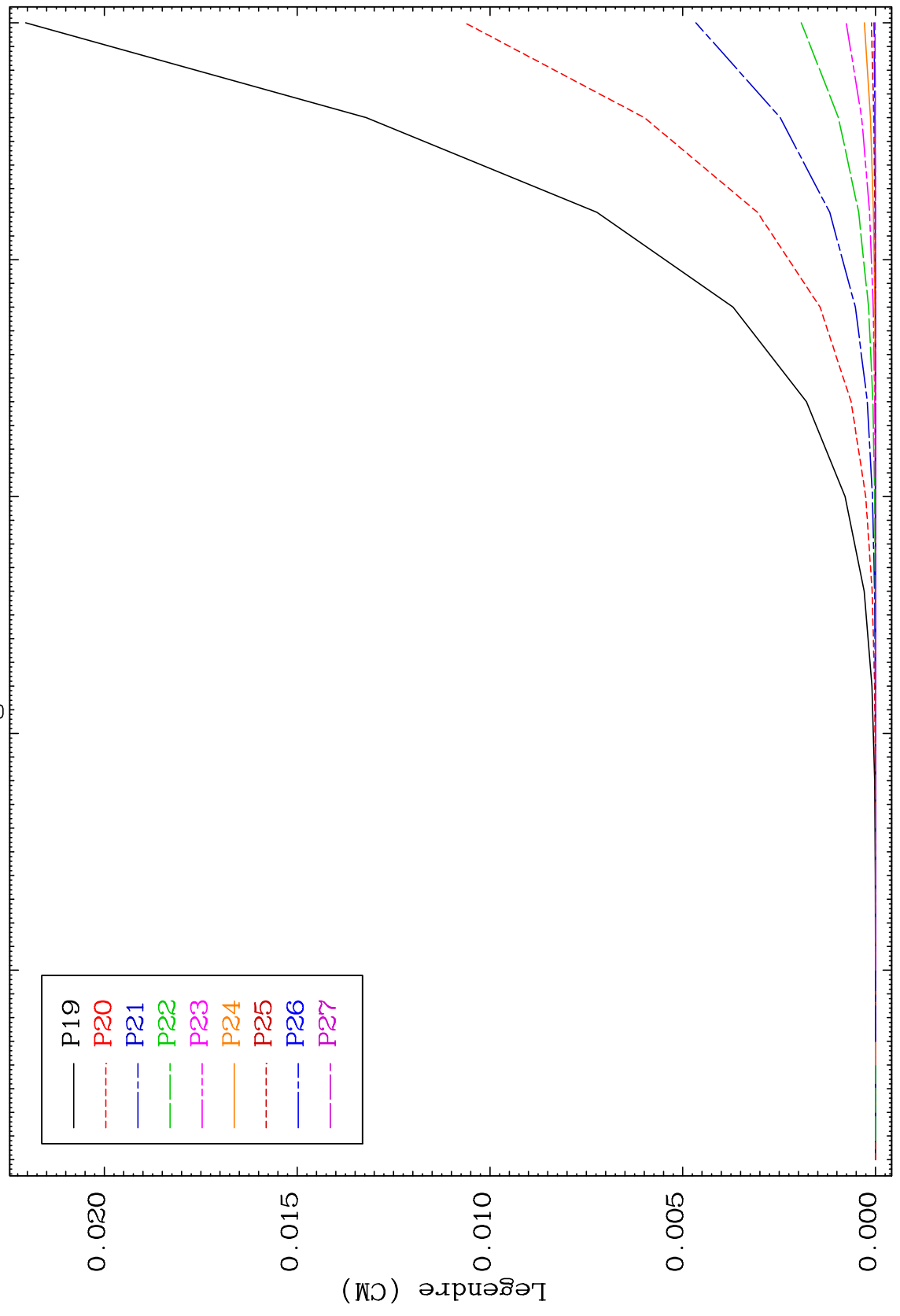
72-Hf-168



MAT 7207

Elastic Legendre Coefficients

72-Hf-168



18

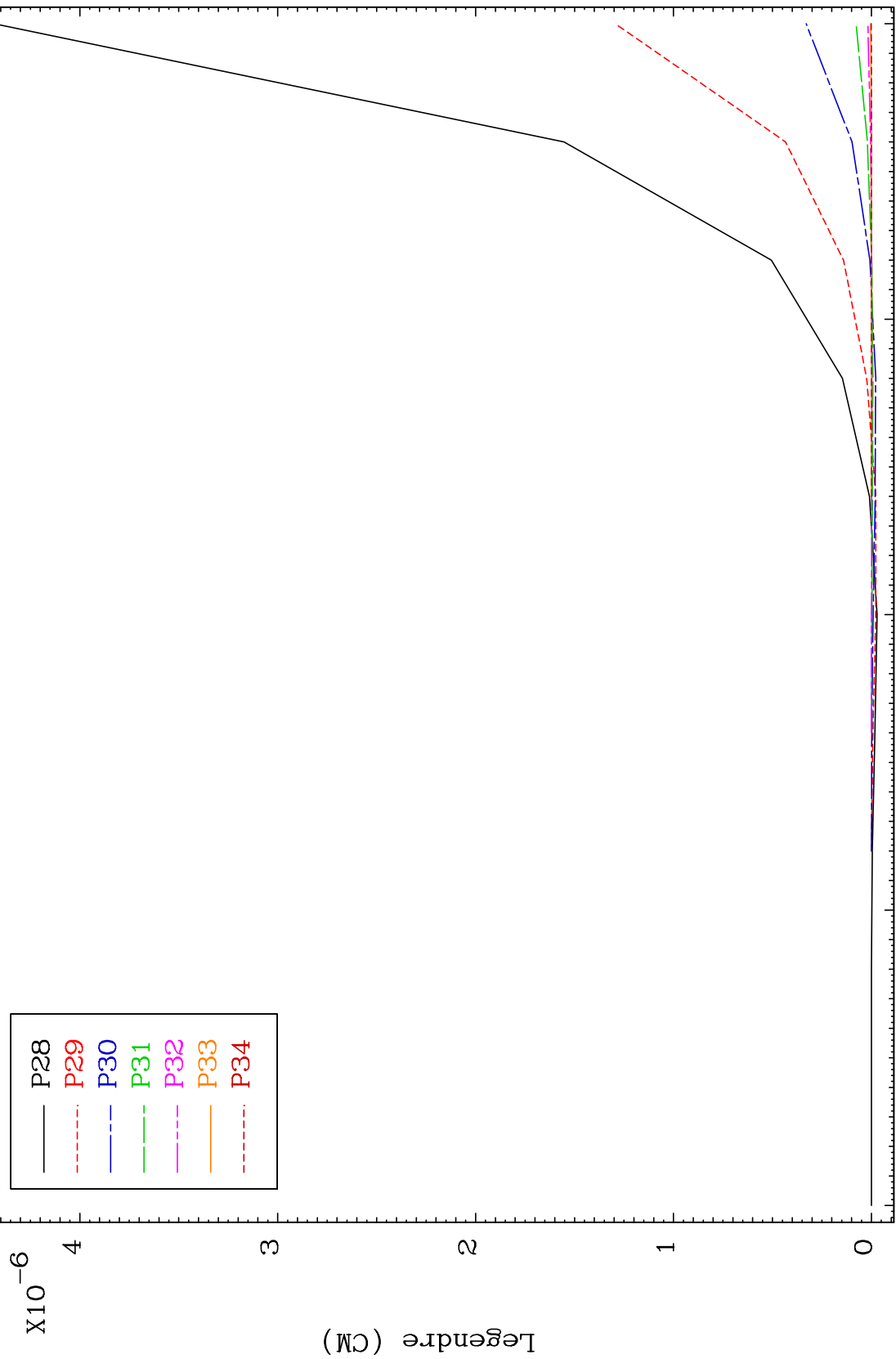
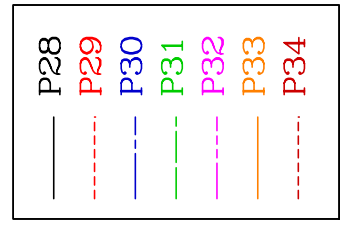
Incident Energy (MeV)

72-Hf-168

MAT 7207

Elastic Legendre Coefficients

72-Hf-168



19

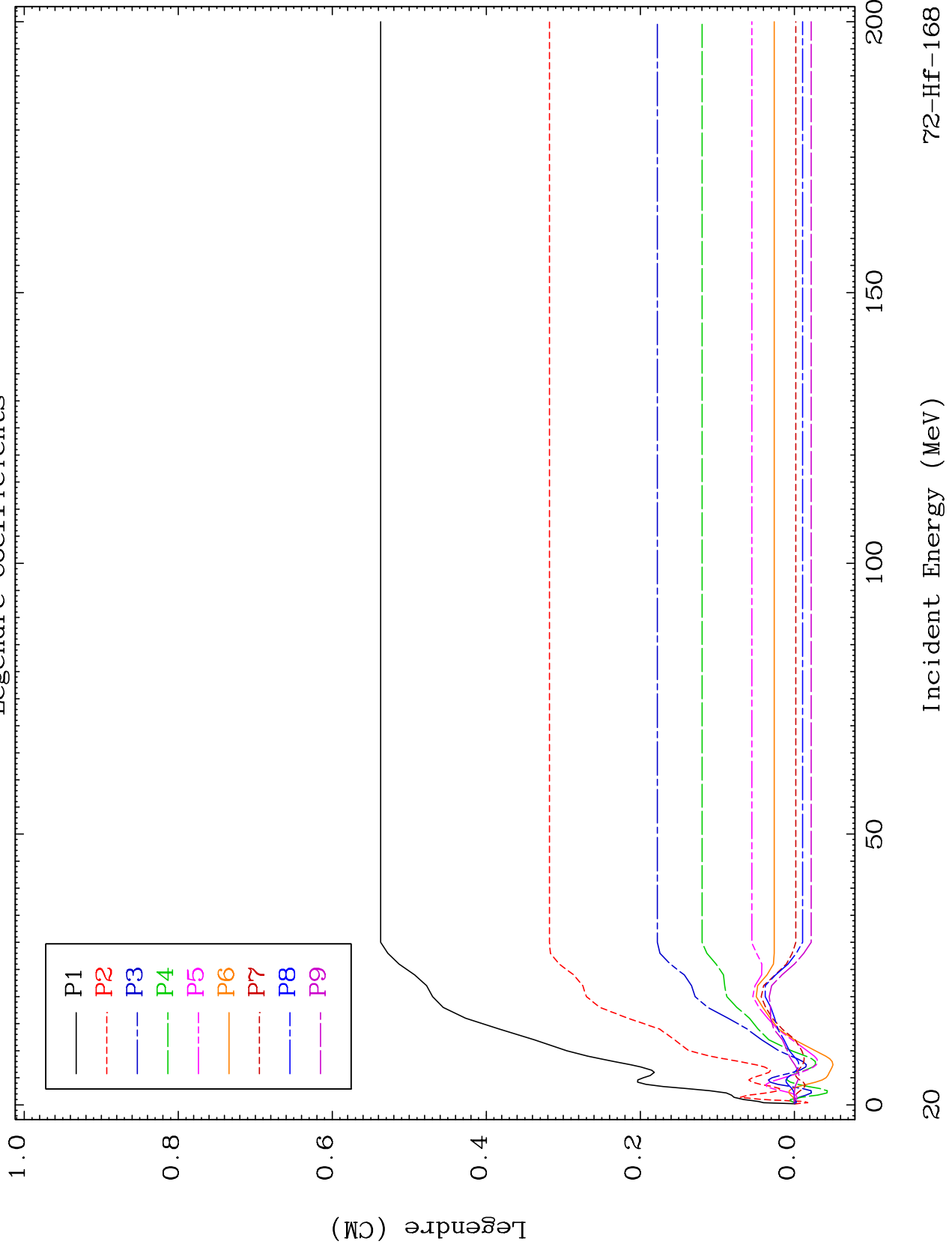
Incident Energy (MeV)

72-Hf-168

MAT 7207

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

72-Hf-168



72-Hf-168

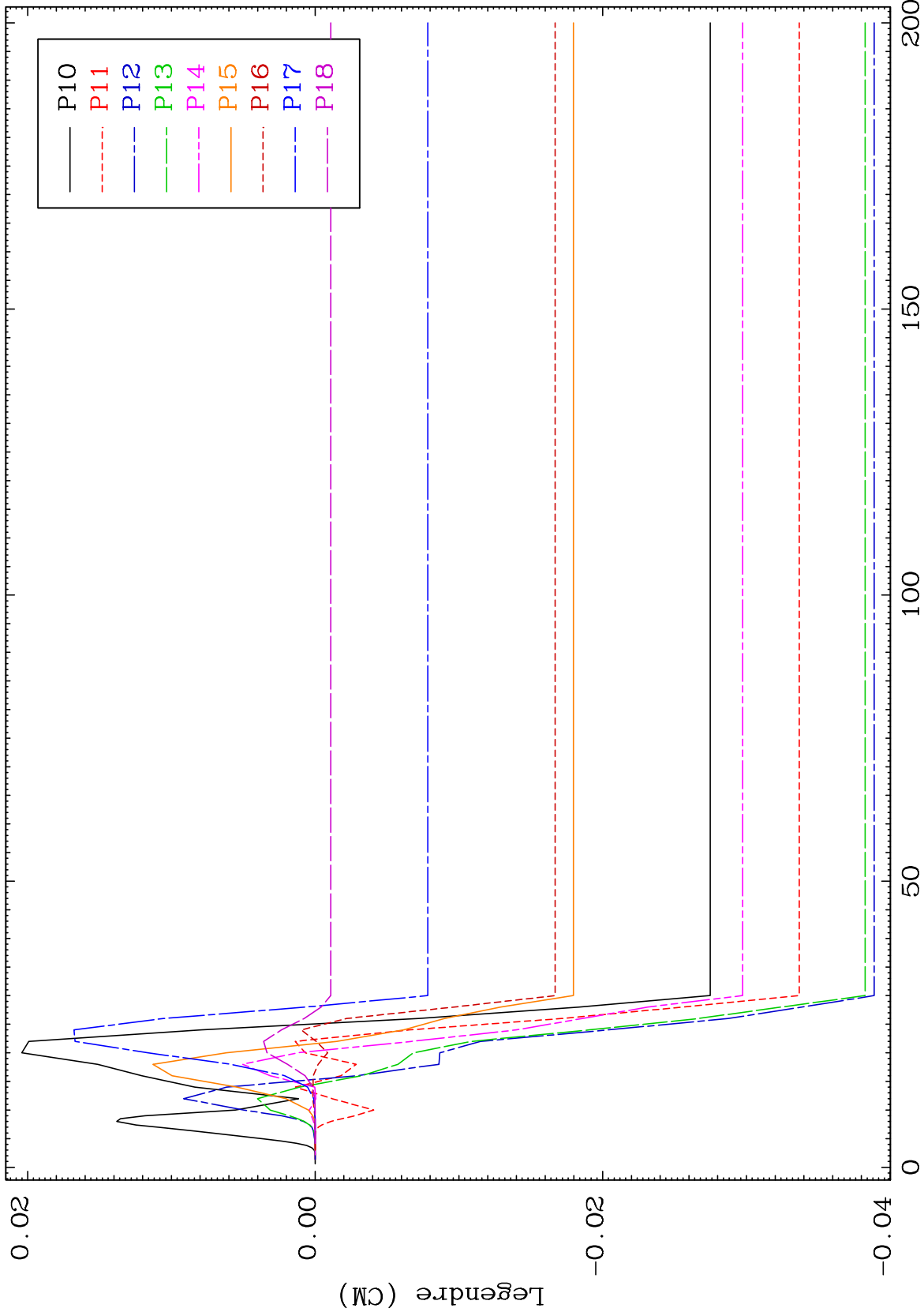
Incident Energy (MeV)

0

MAT 7207

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

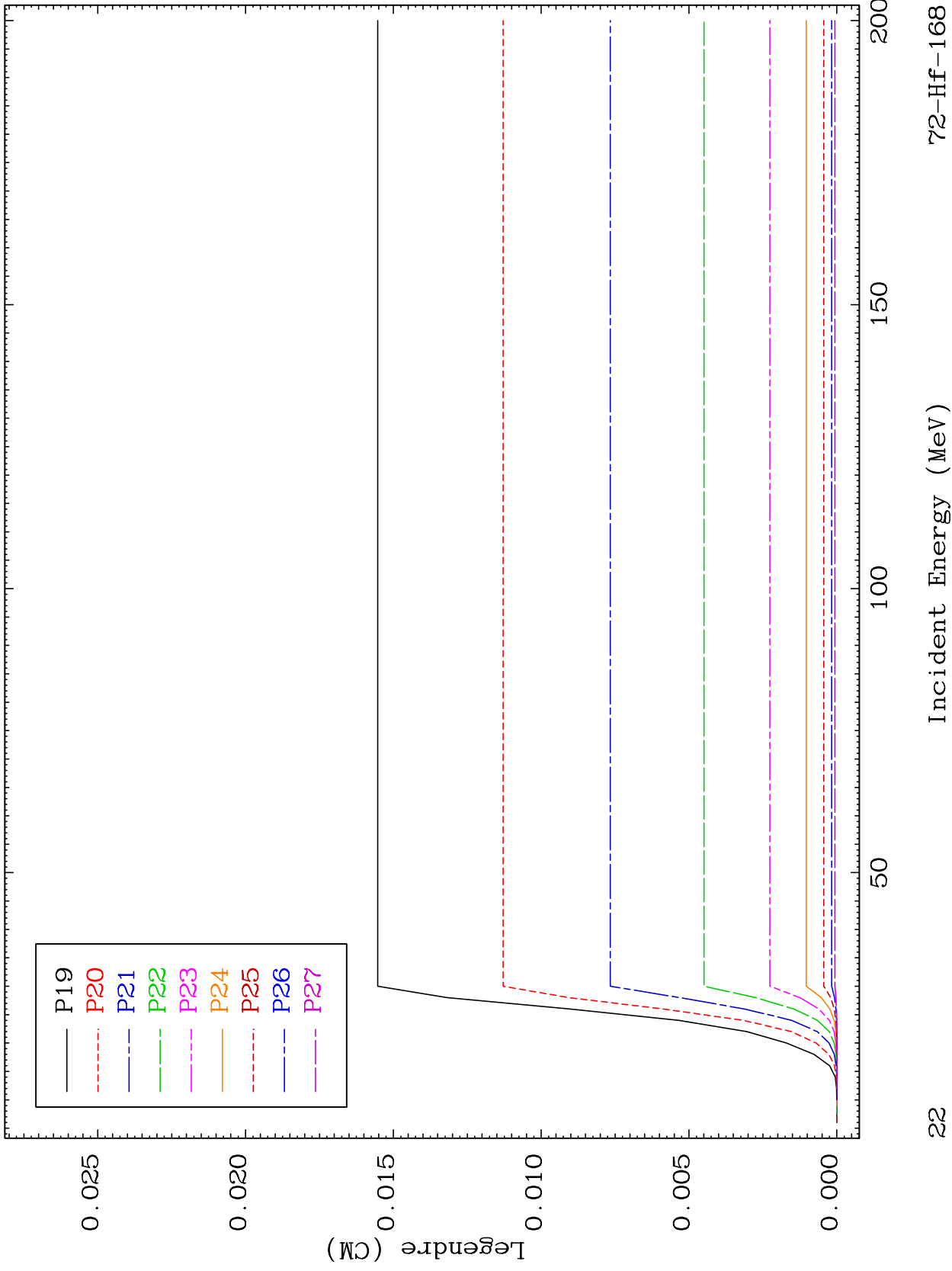
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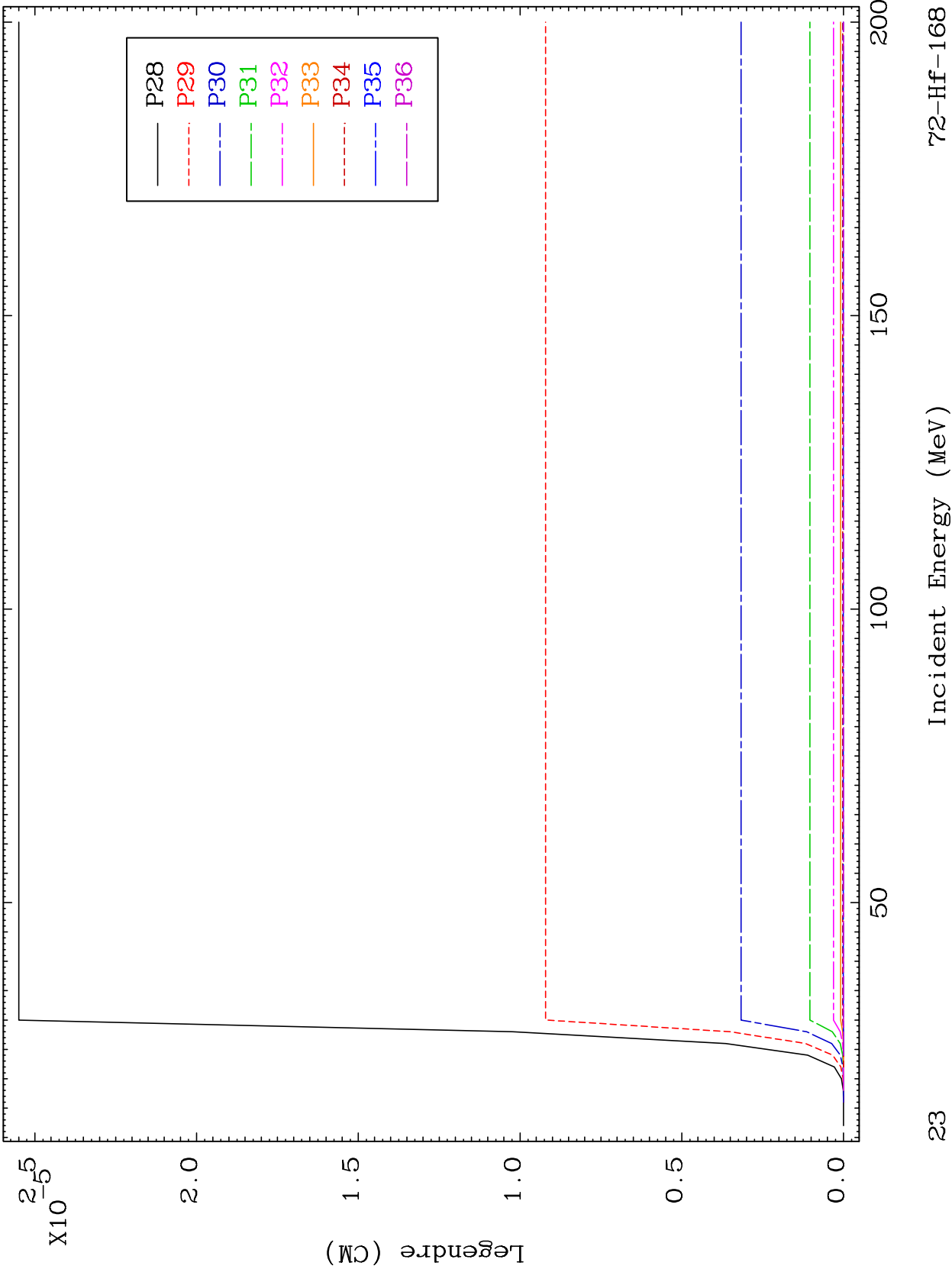


21

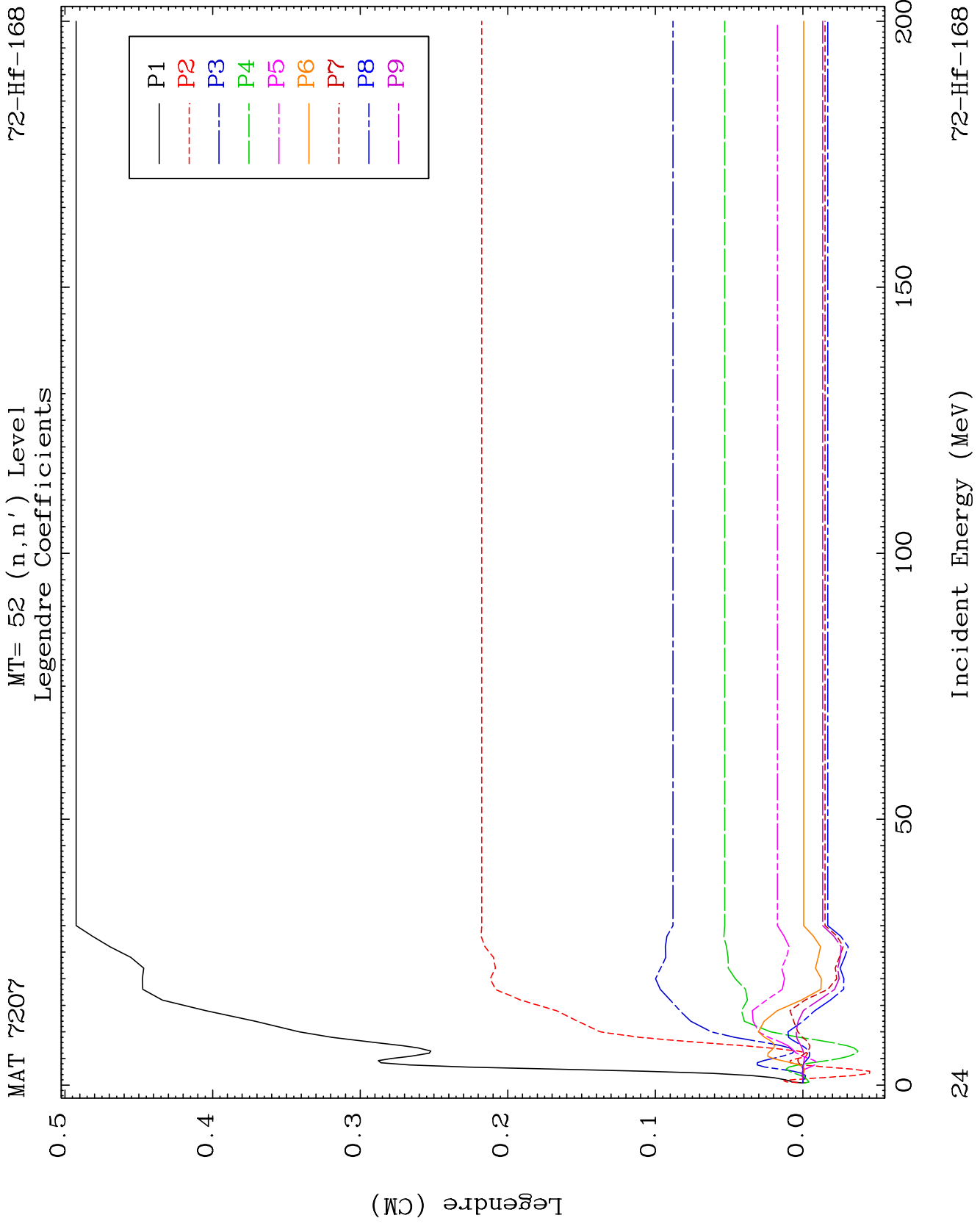
Incident Energy (MeV)

72-Hf-168





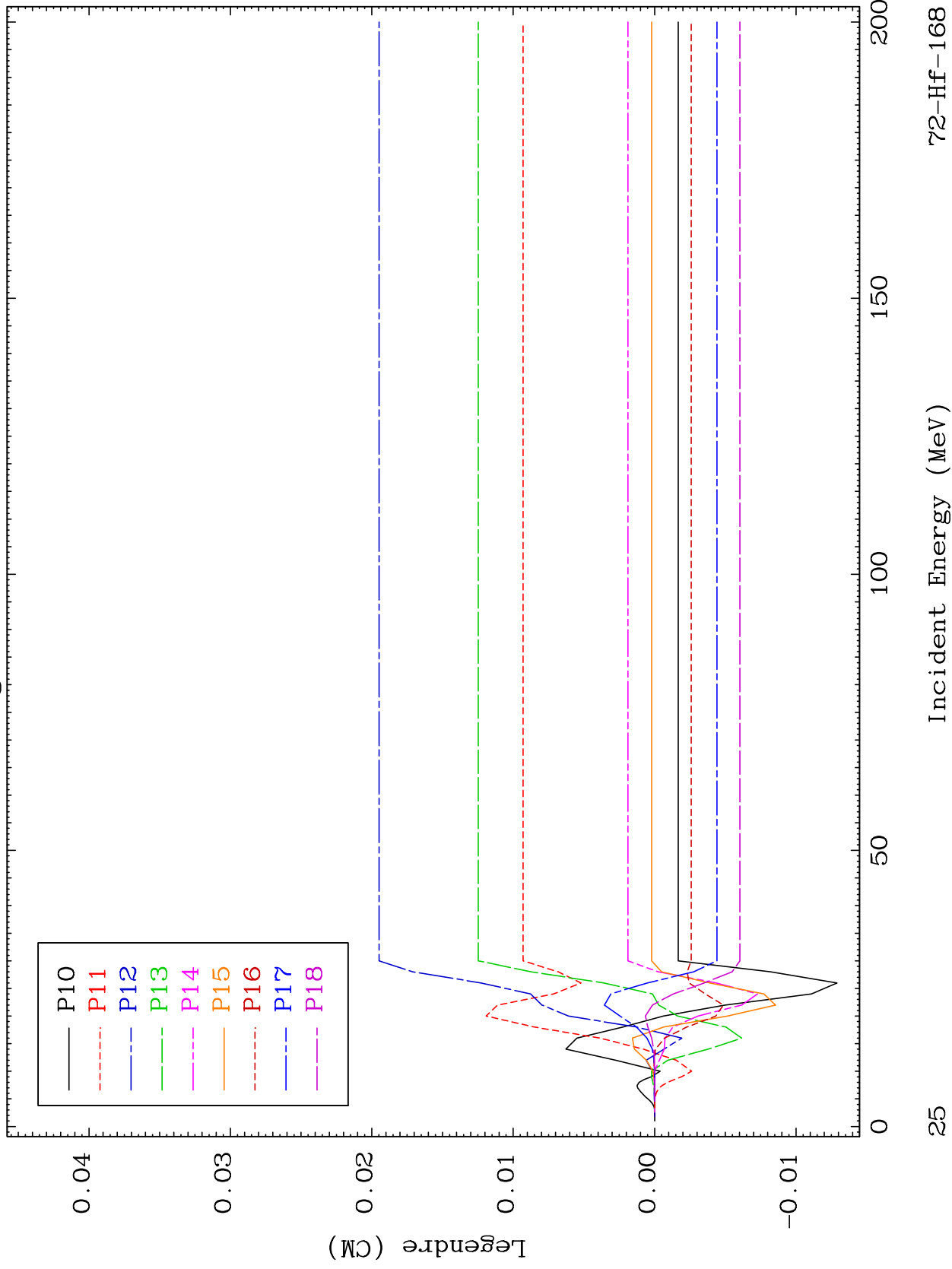




MAT 7207

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

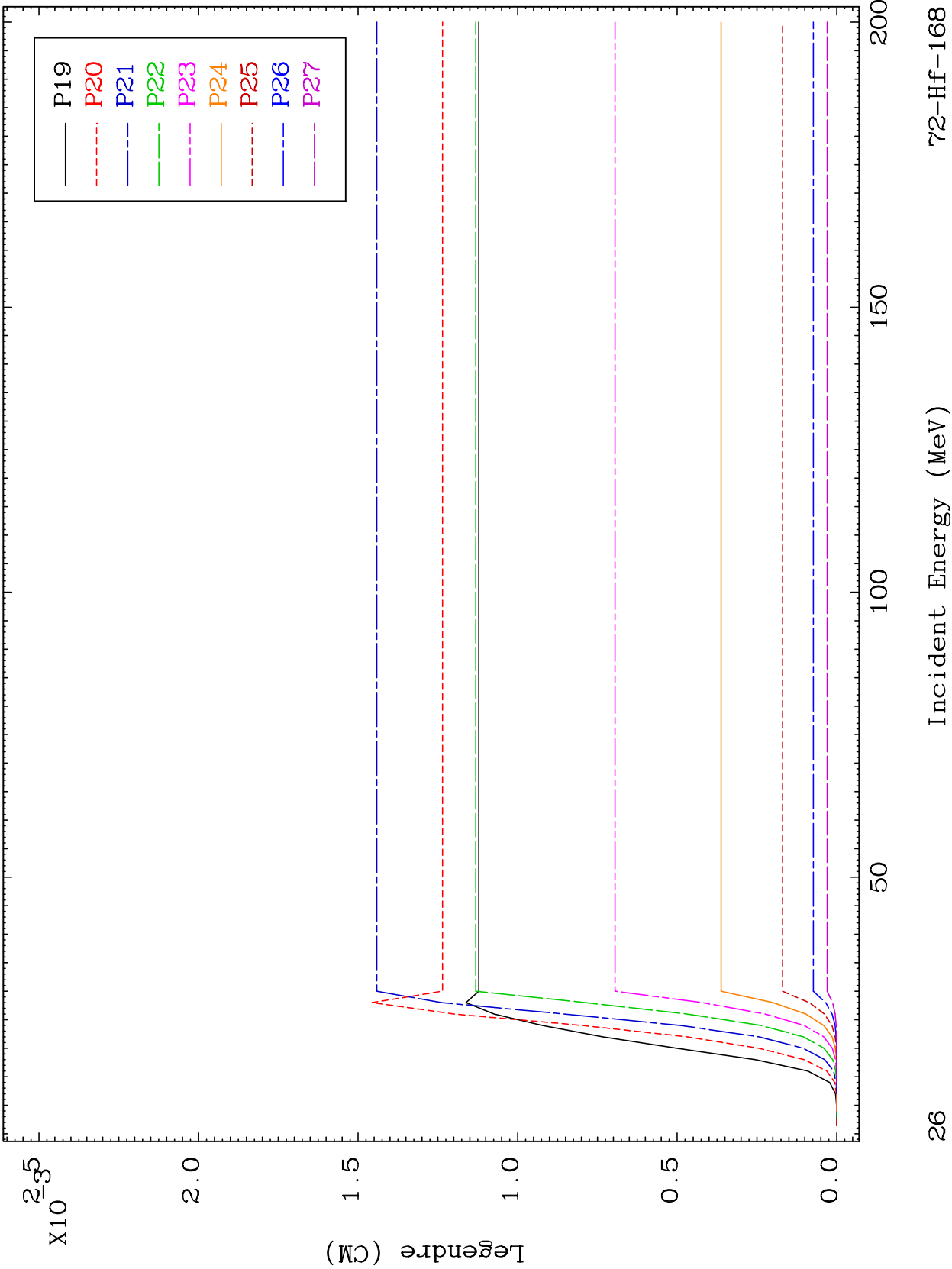
72-Hf-168



72-Hf-168

Incident Energy (MeV)

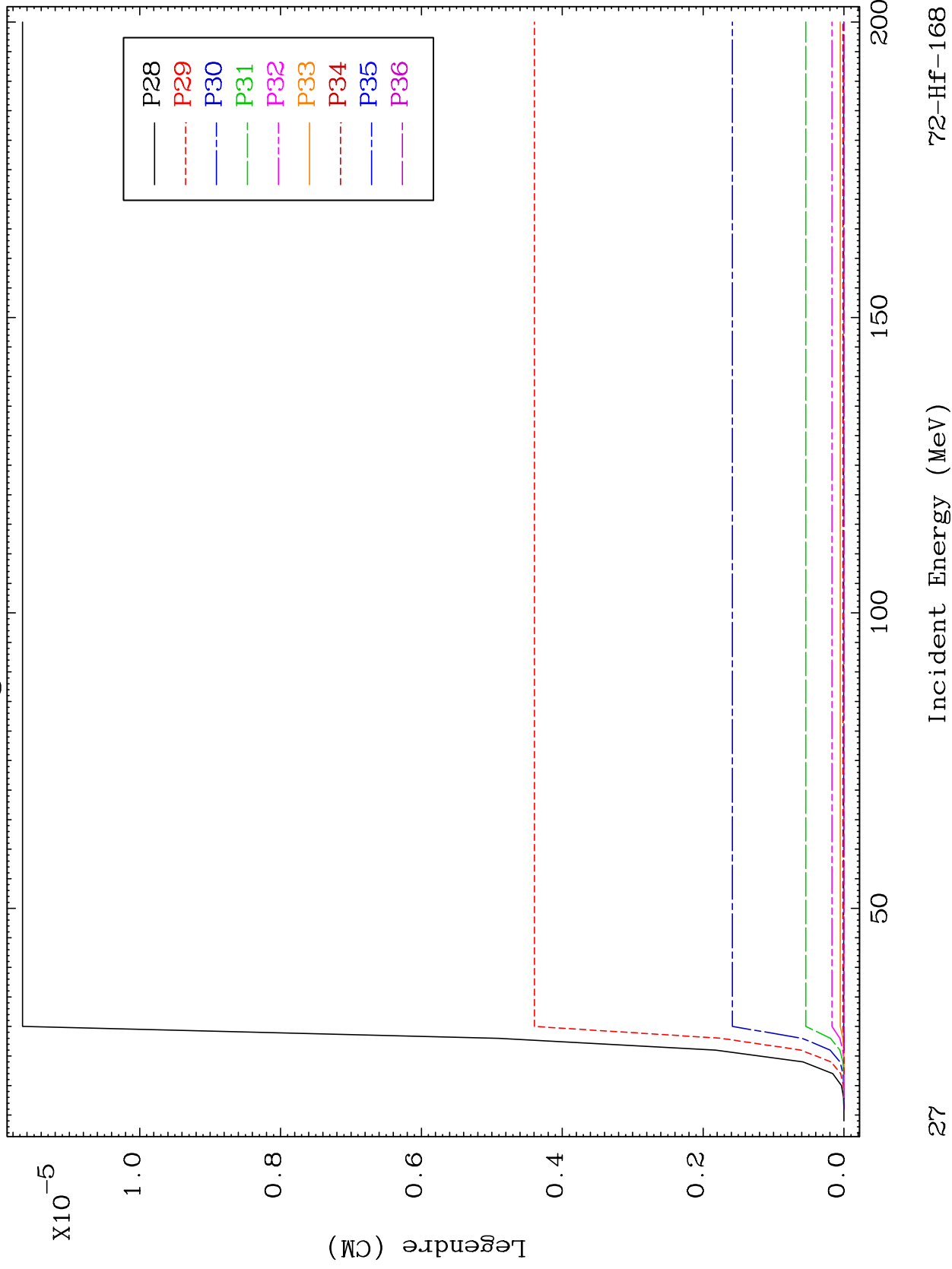
25



MAT 7207

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

72-Hf-168



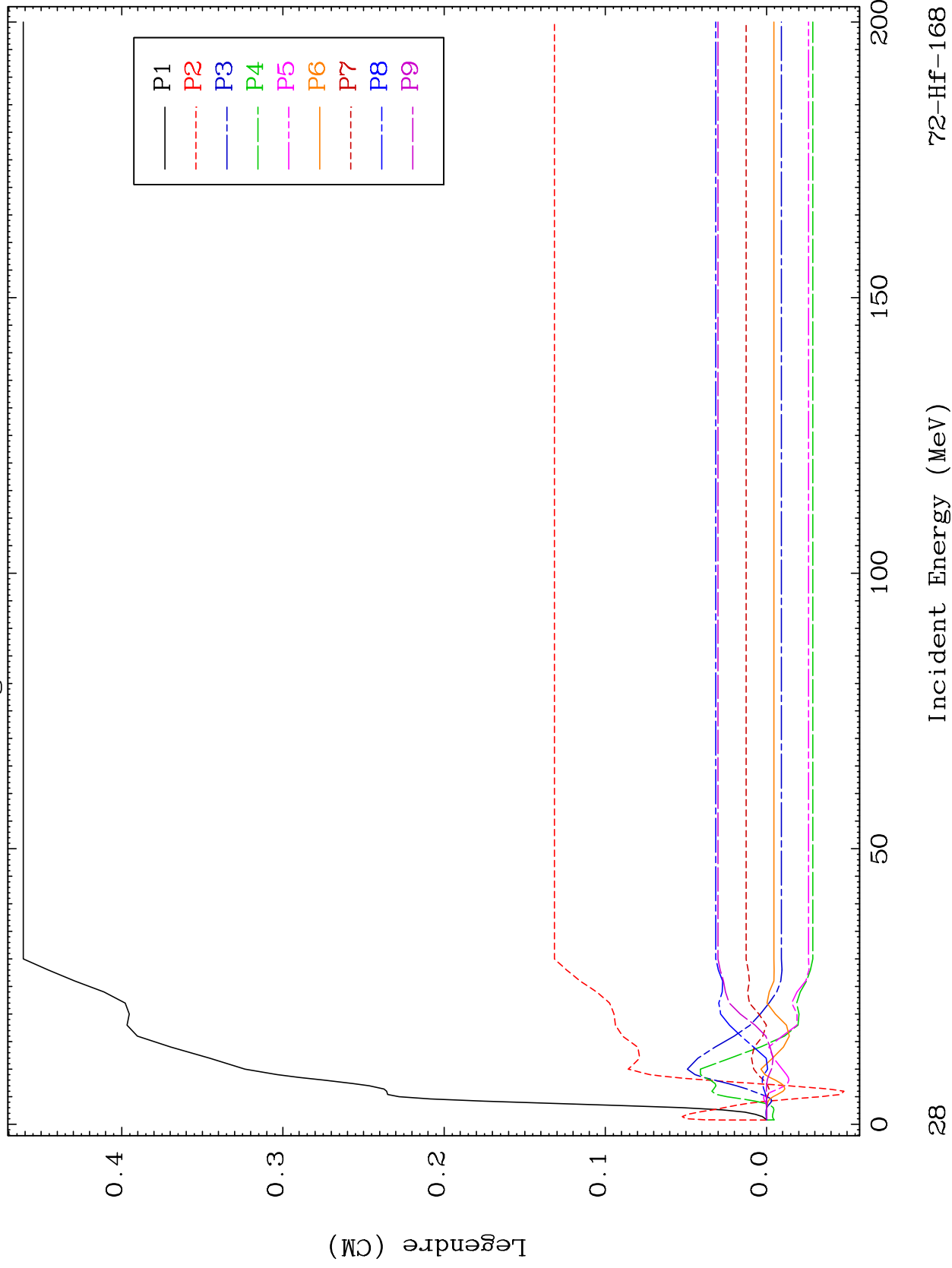
27

72-Hf-168

MAT 7207

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

72-Hf-168



72-Hf-168

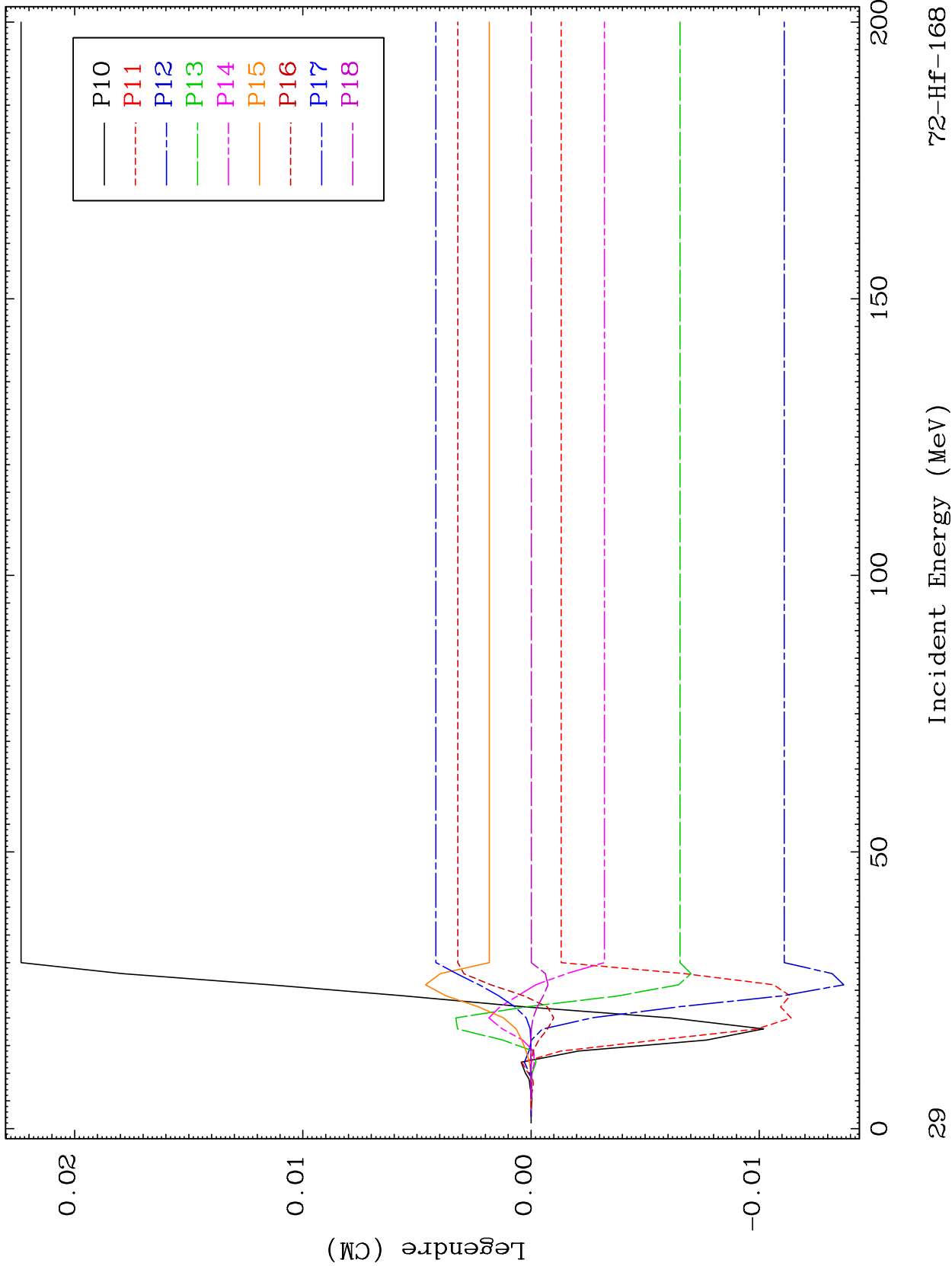
Incident Energy (MeV)

28

MAT 7207

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

72-Hf-168



29

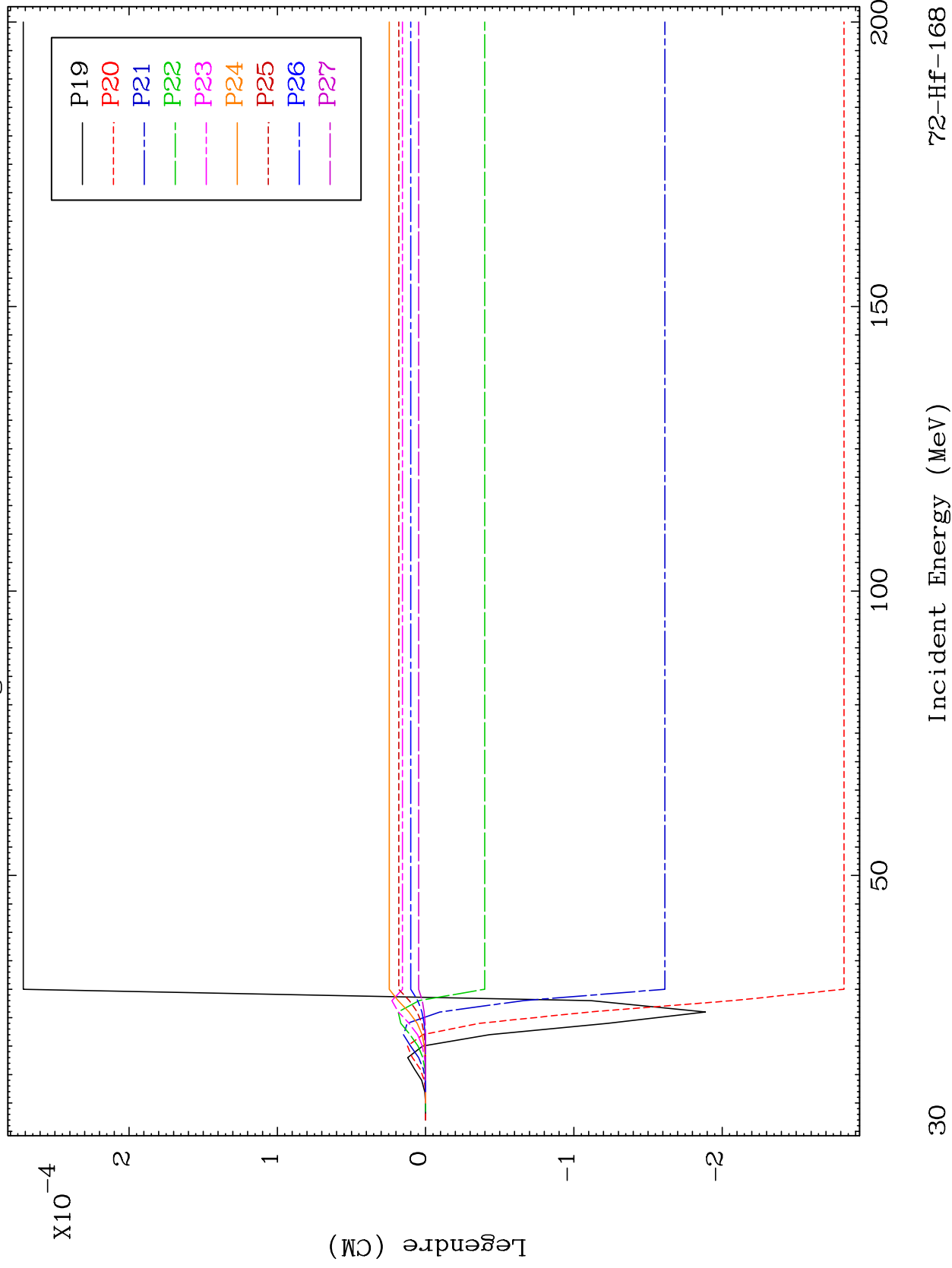
Incident Energy (MeV)

72-Hf-168

MAT 7207

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

72-Hf-168



72-Hf-168

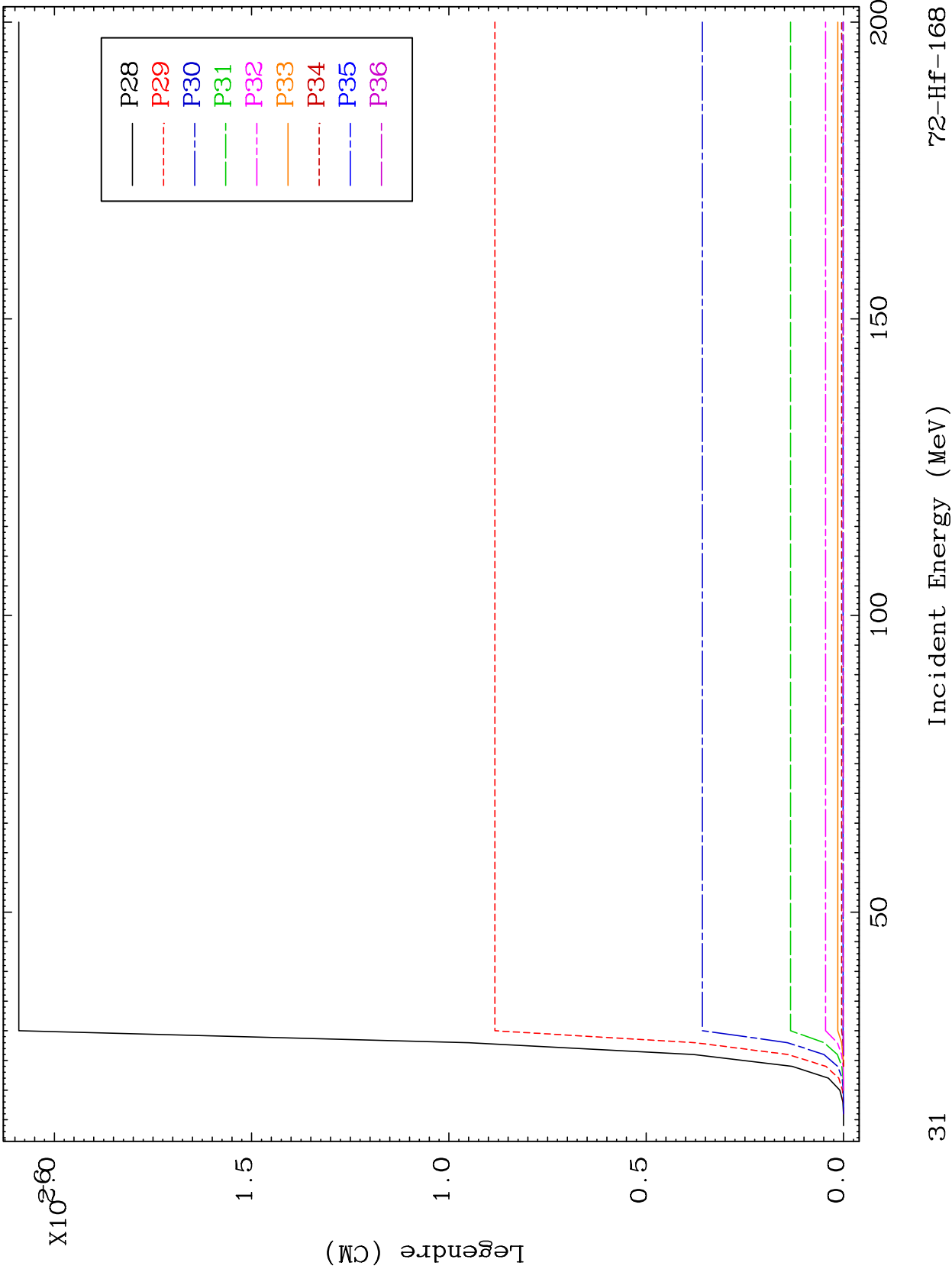
Incident Energy (MeV)

30

MAT 7207

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

72-Hf-168



31

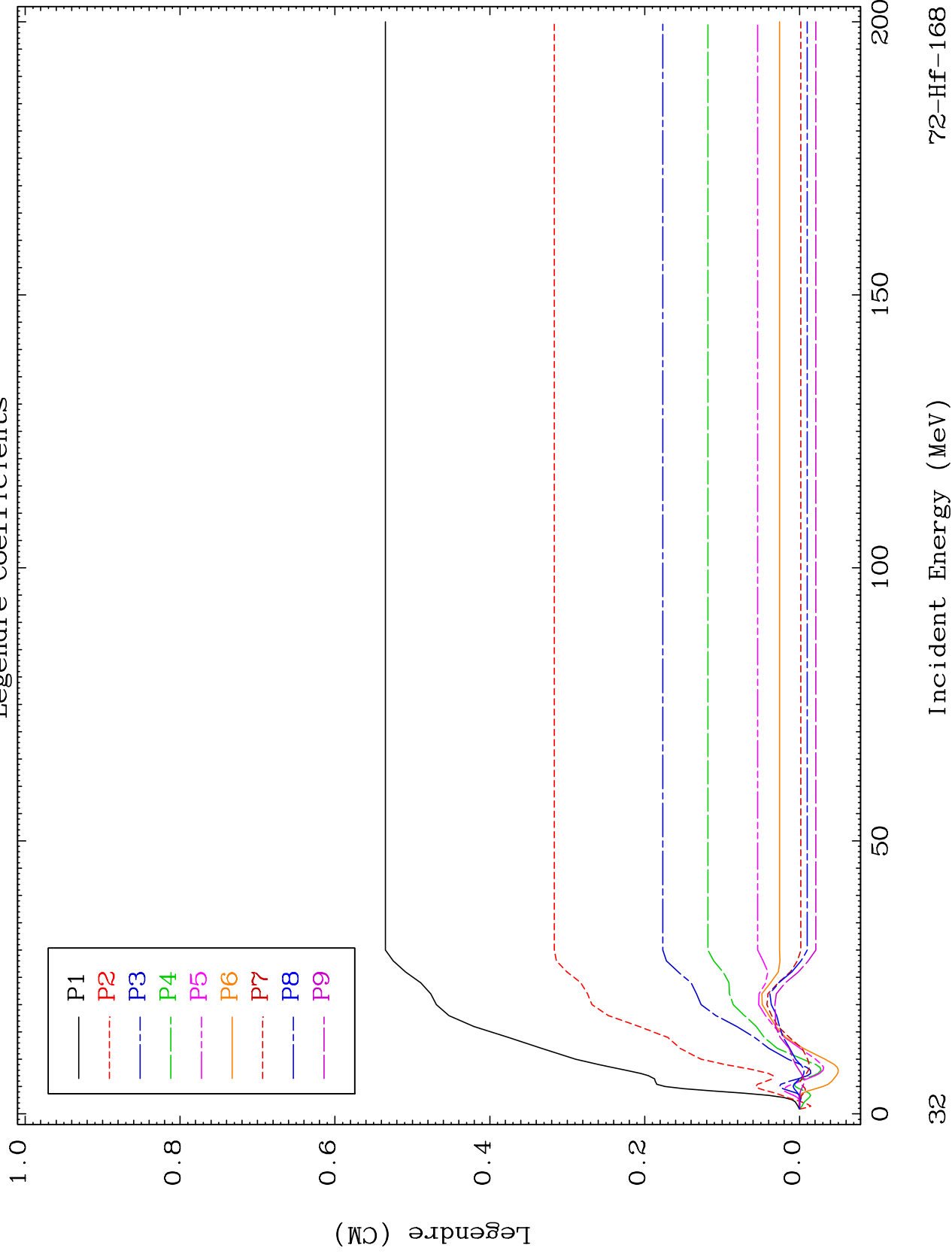
72-Hf-168



MAT 7207

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

72-Hf-168



72-Hf-168

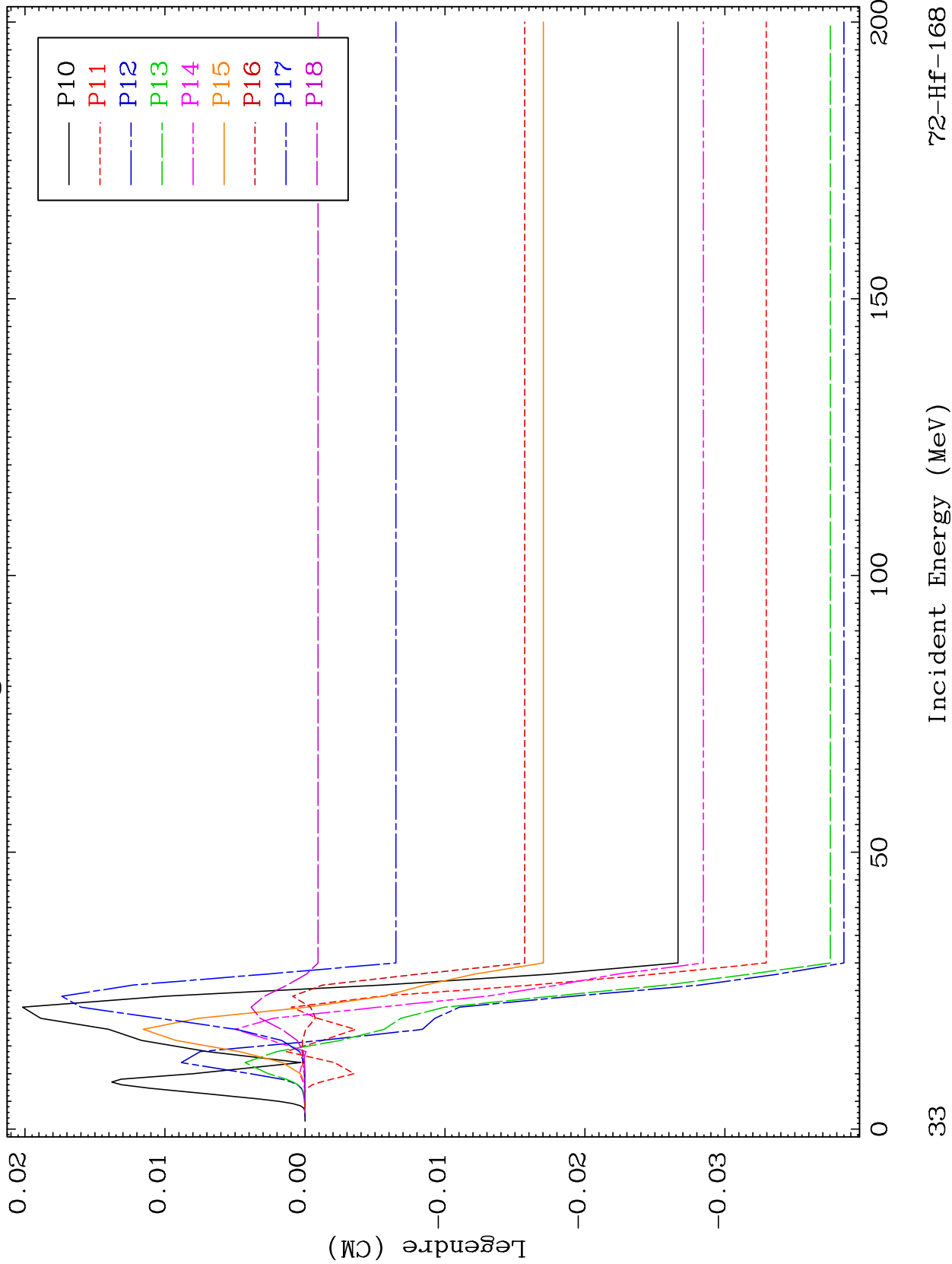
Incident Energy (MeV)

32

MAT 7207

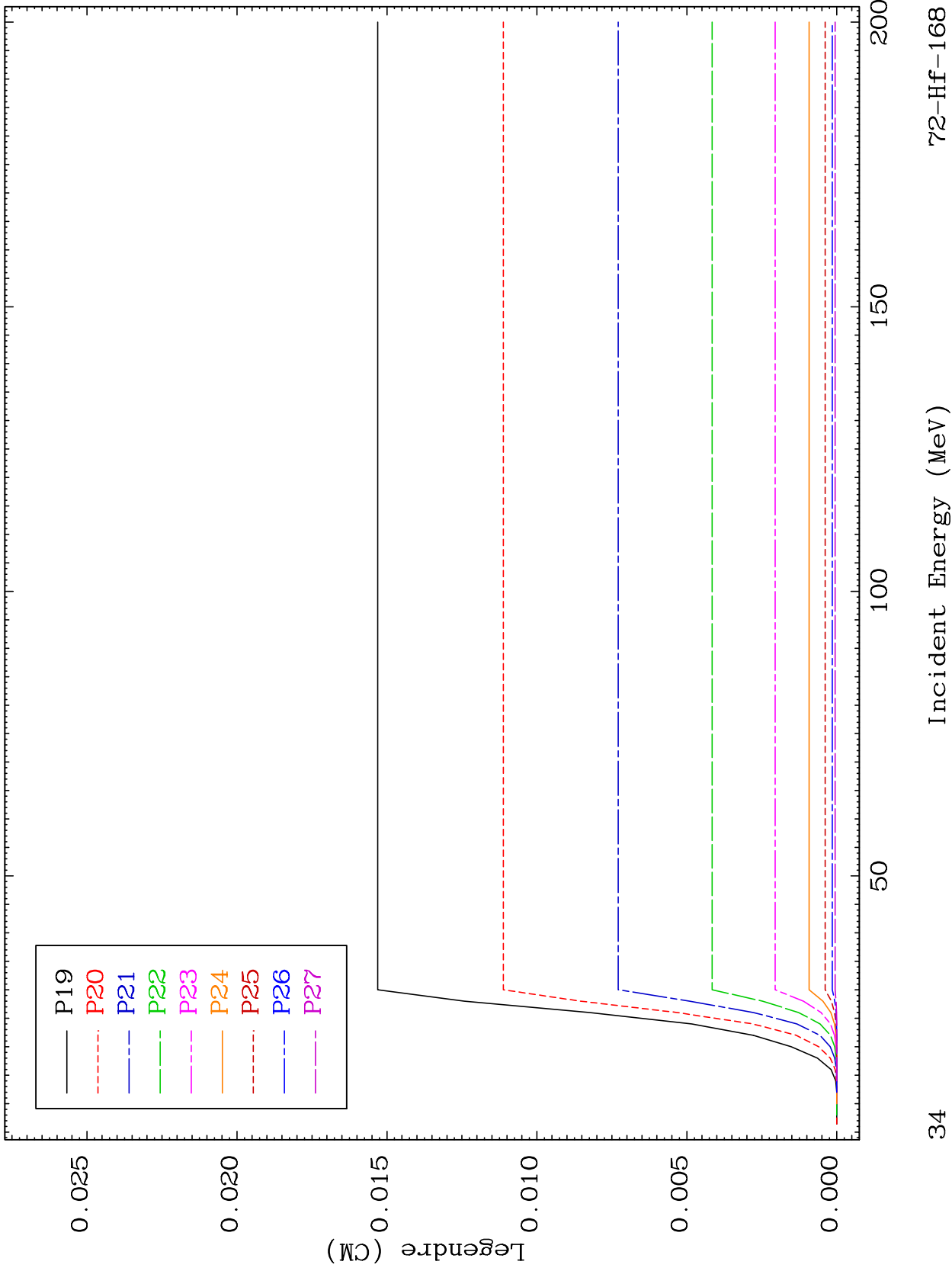
MT= 54 (n,n') Level  
Legendre Coefficients

72-Hf-168



33

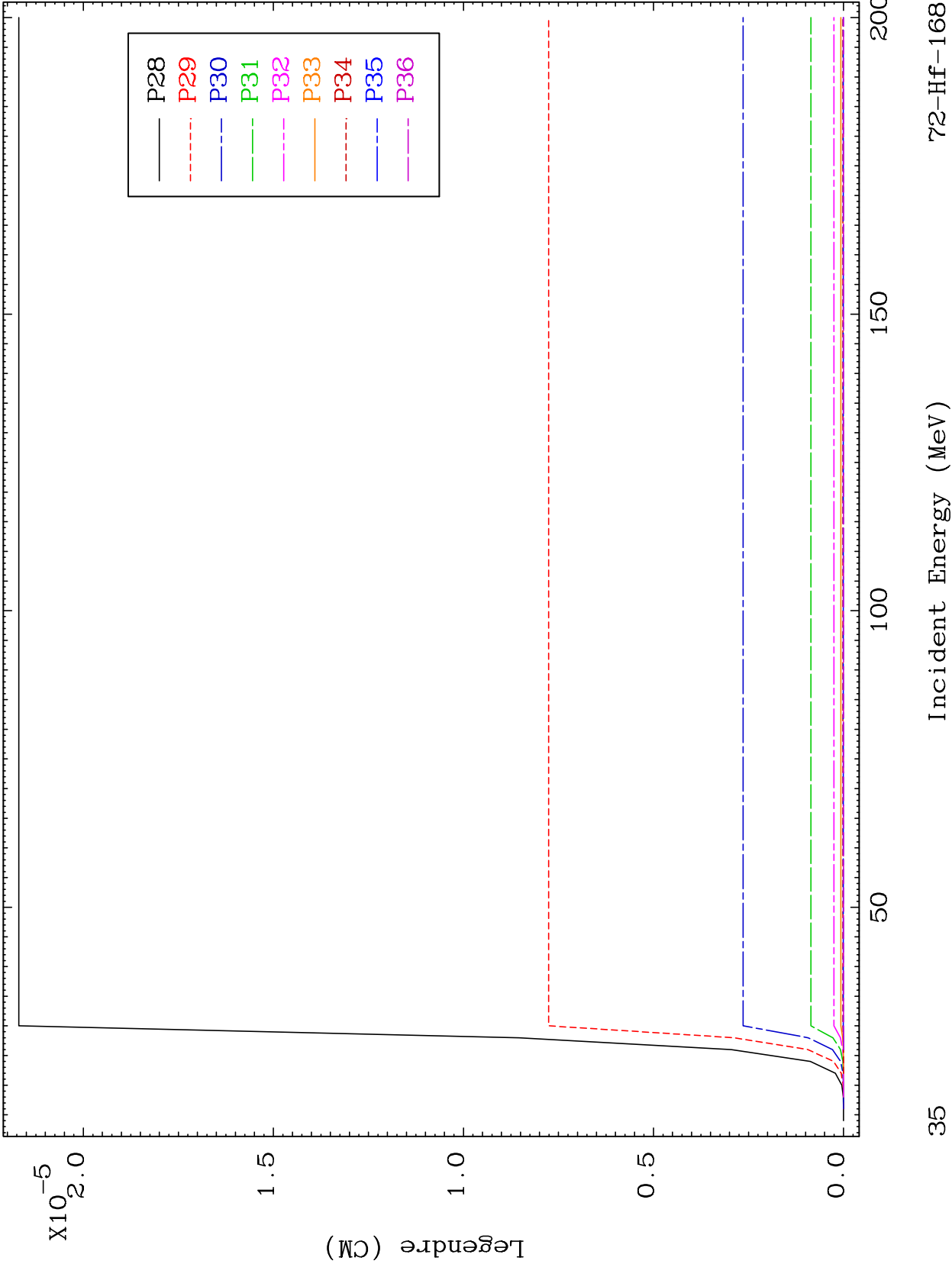
72-Hf-168



MAT 7207

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

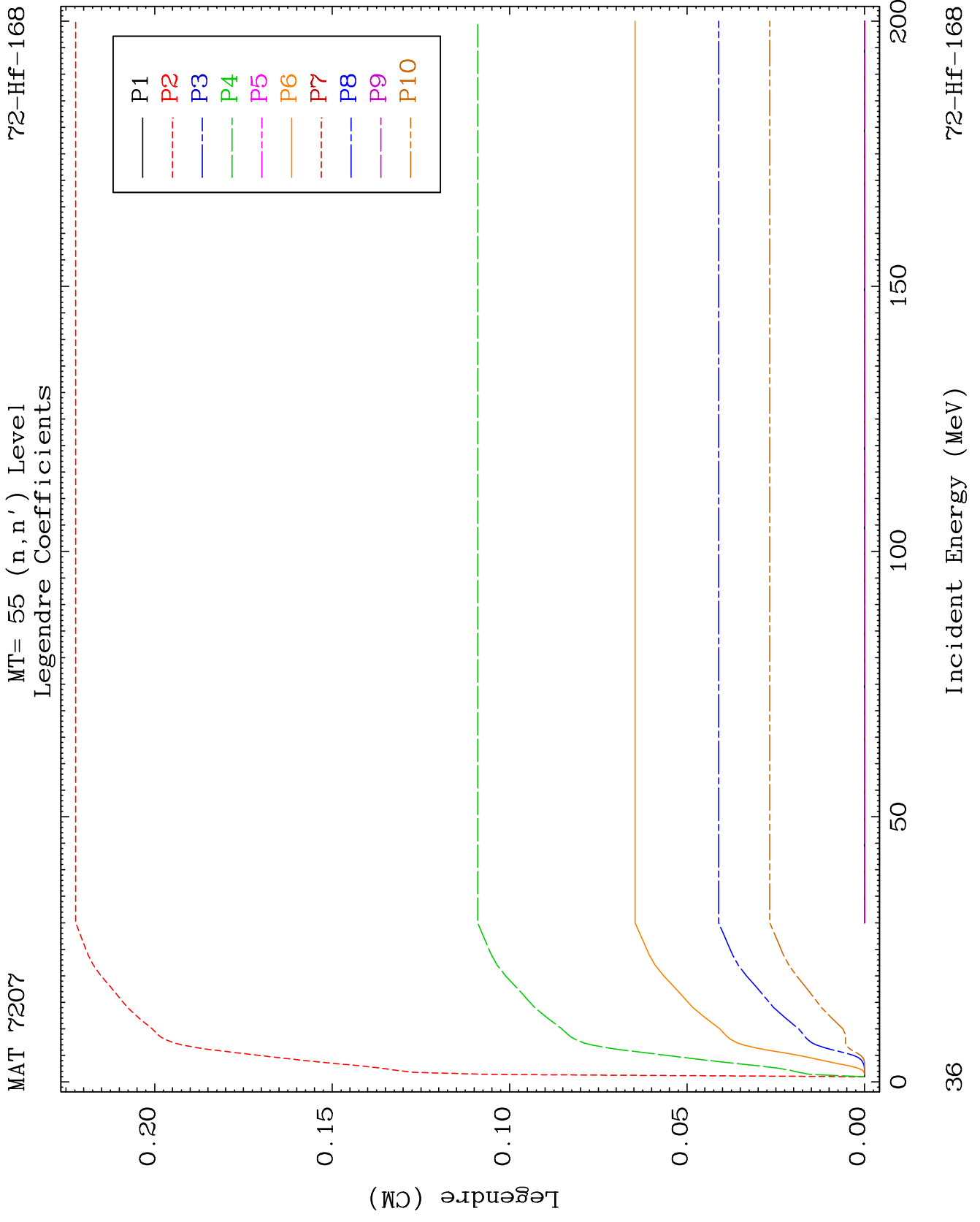
72-Hf-168



35

Incident Energy (MeV)

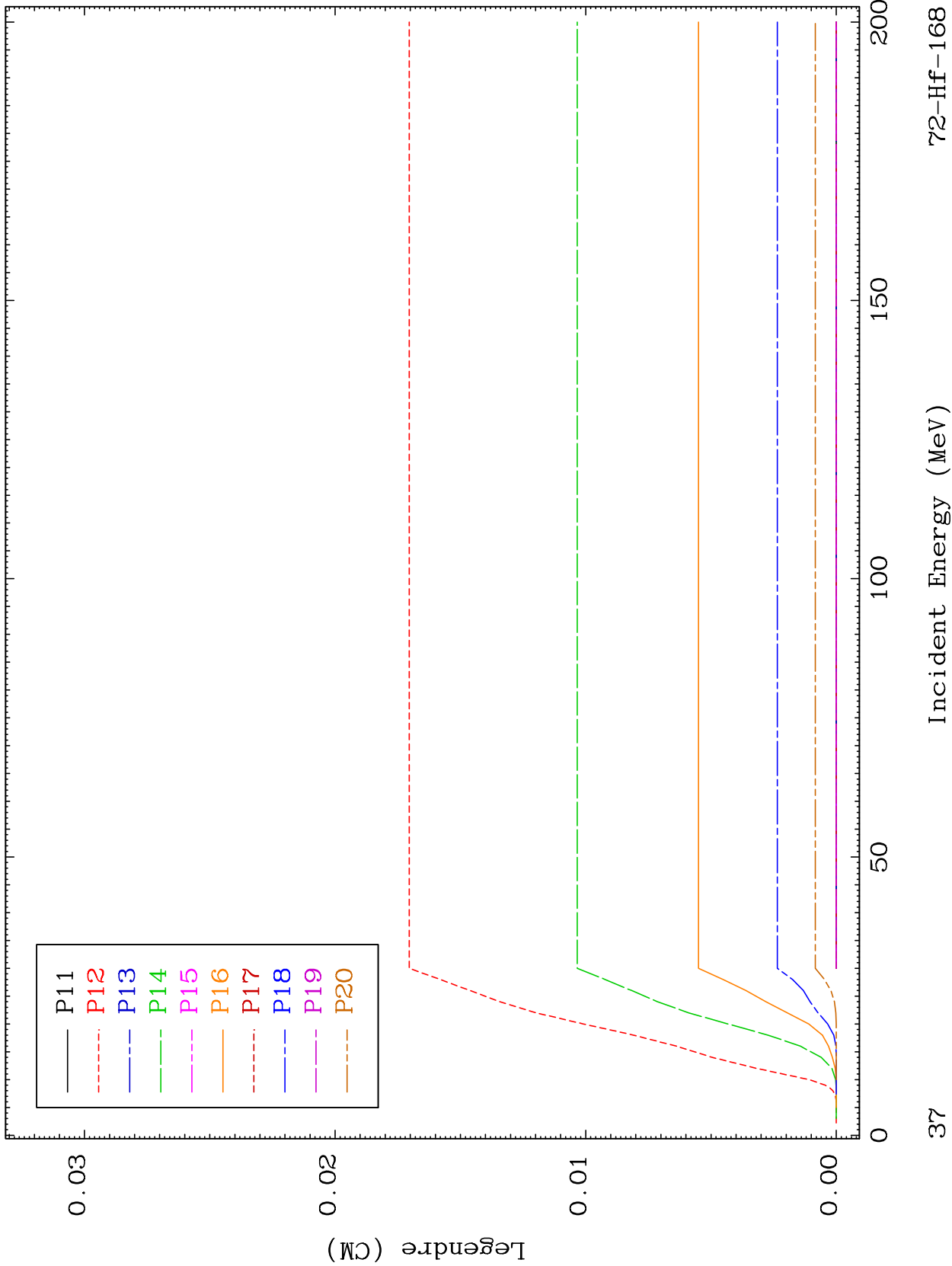
72-Hf-168



MAT 7207

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

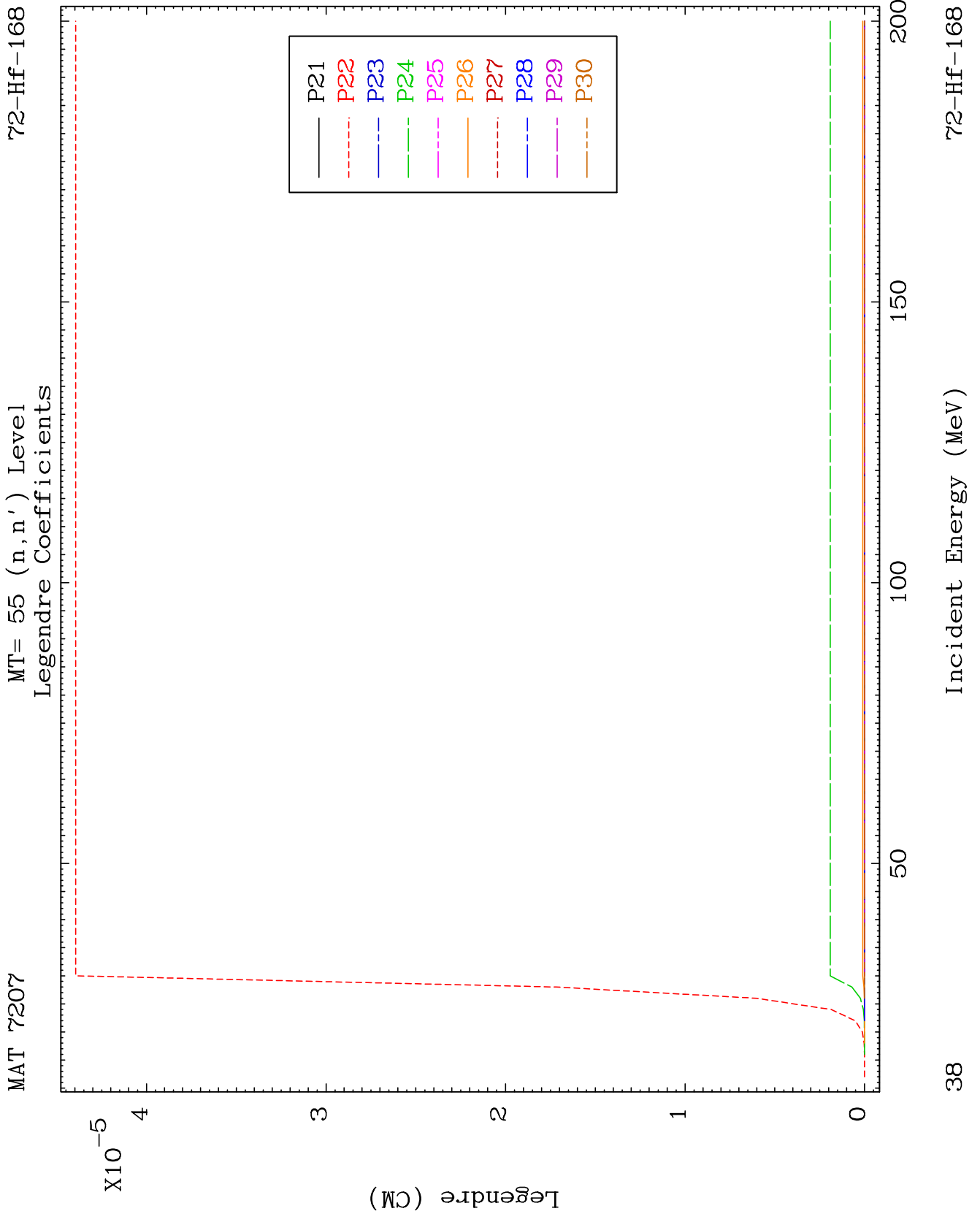
72-Hf-168

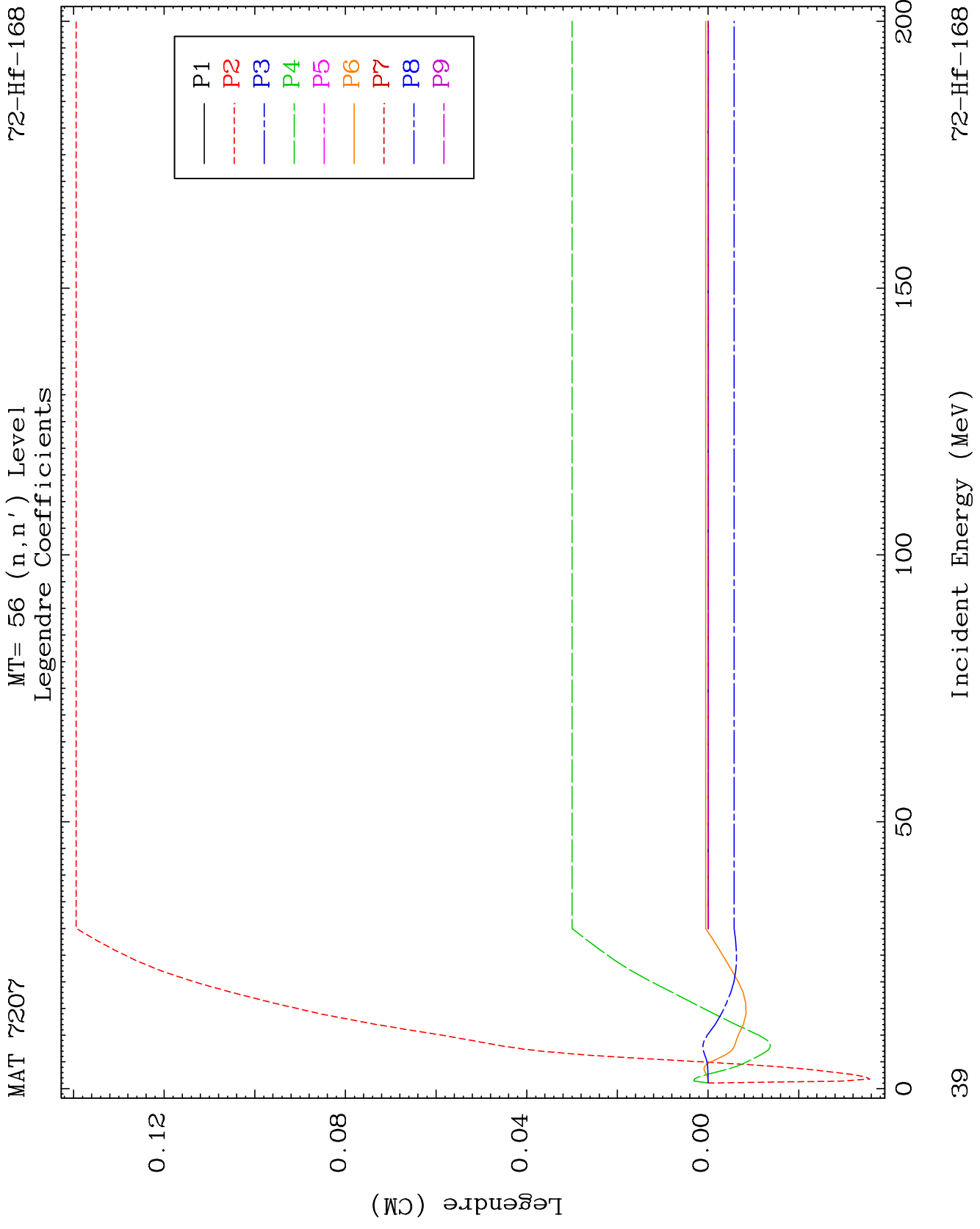


37

Incident Energy (MeV)

72-Hf-168



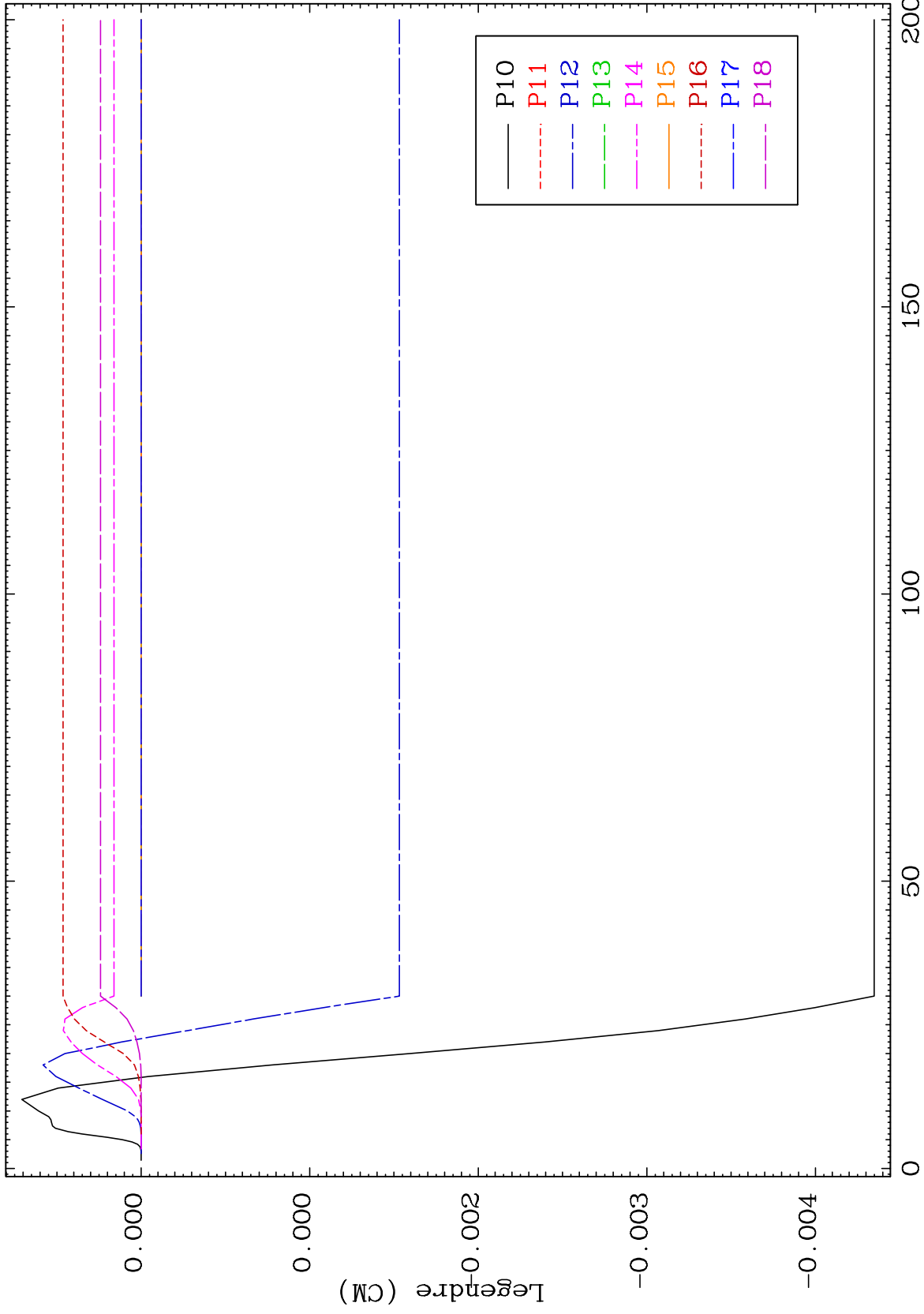




MAT 7207

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

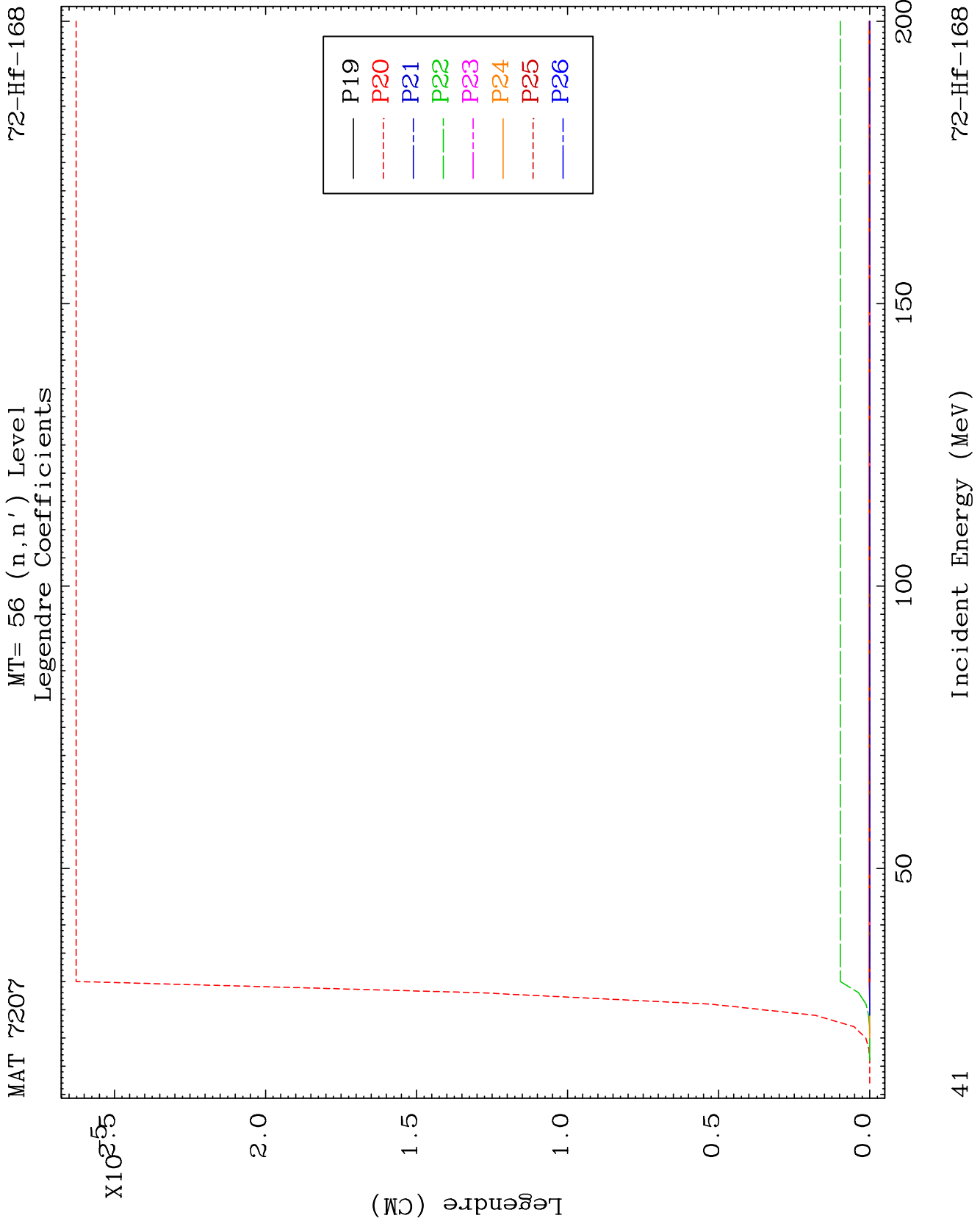
72-Hf-168



72-Hf-168

Incident Energy (MeV)

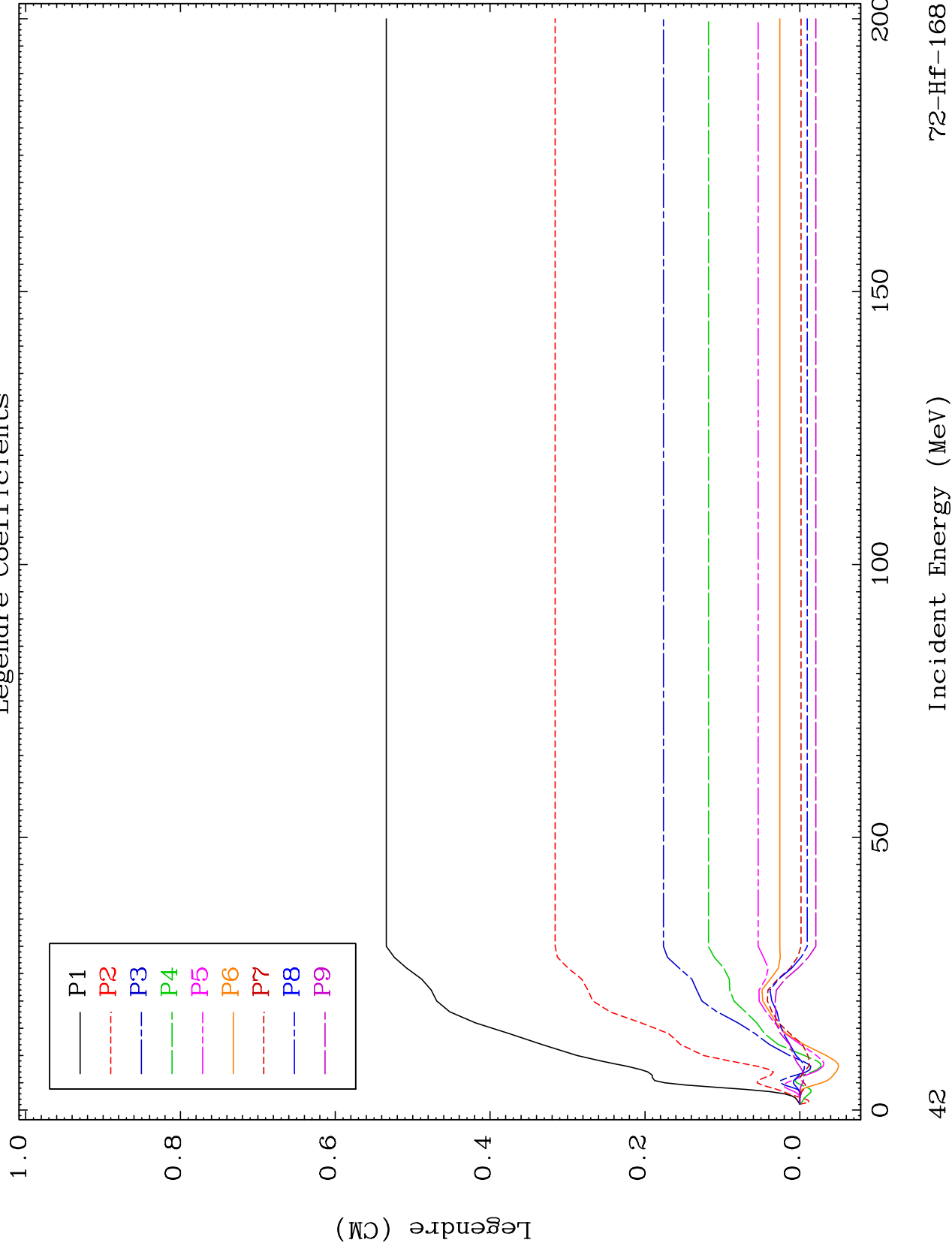
40



MAT 7207

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

72-Hf-168



72-Hf-168

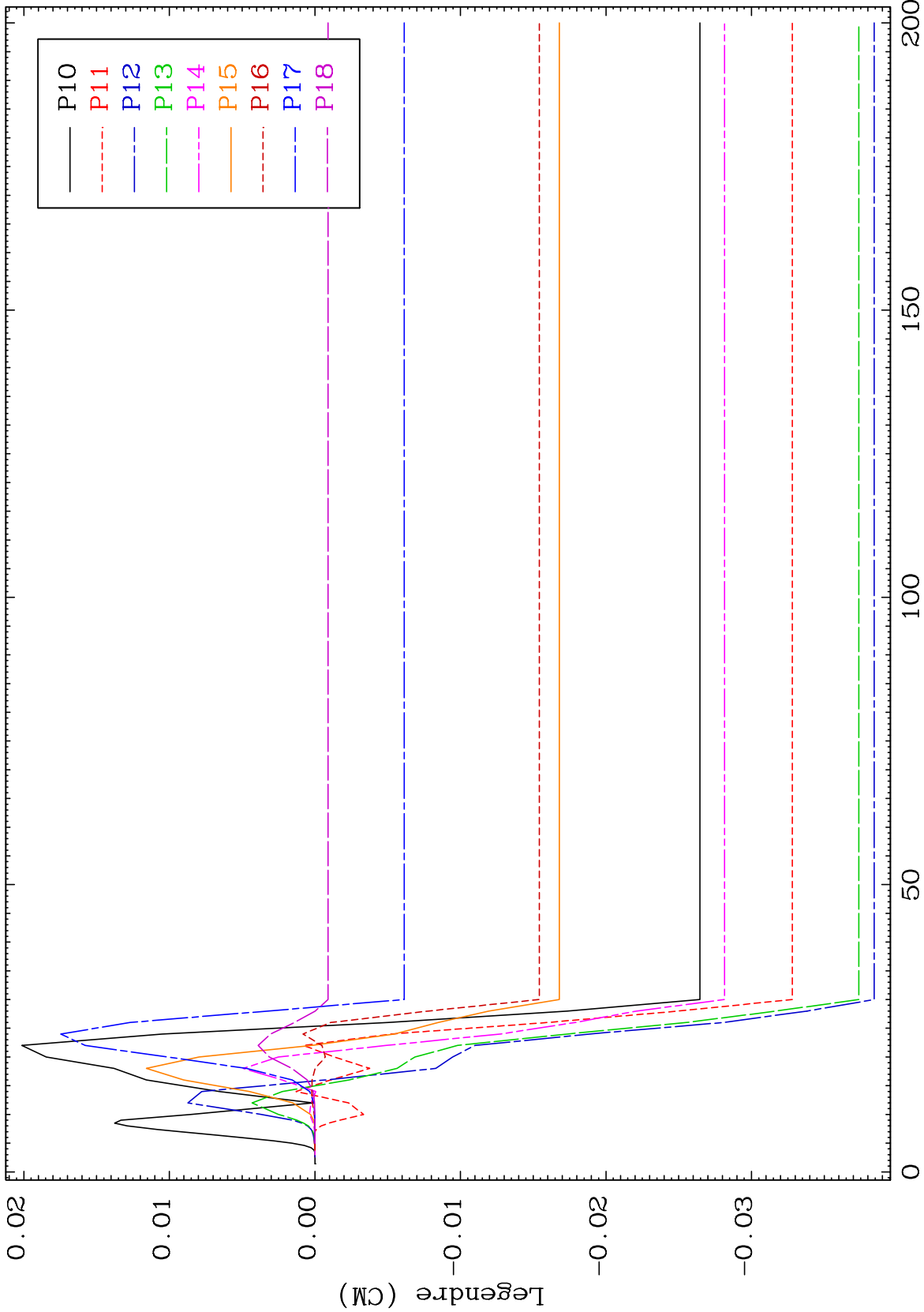
Incident Energy (MeV)

42

MAT 7207

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

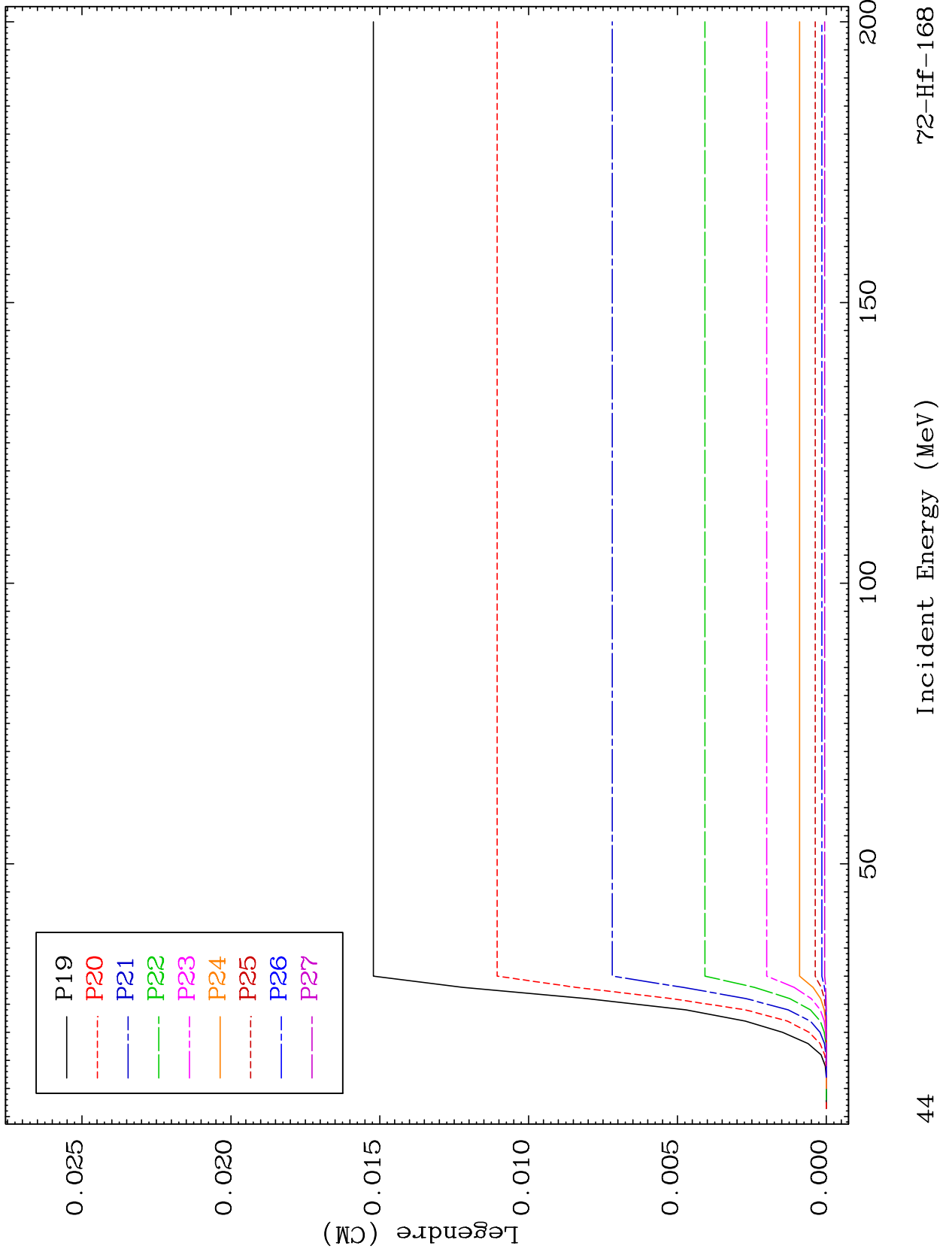
72-Hf-168



43

Incident Energy (MeV)

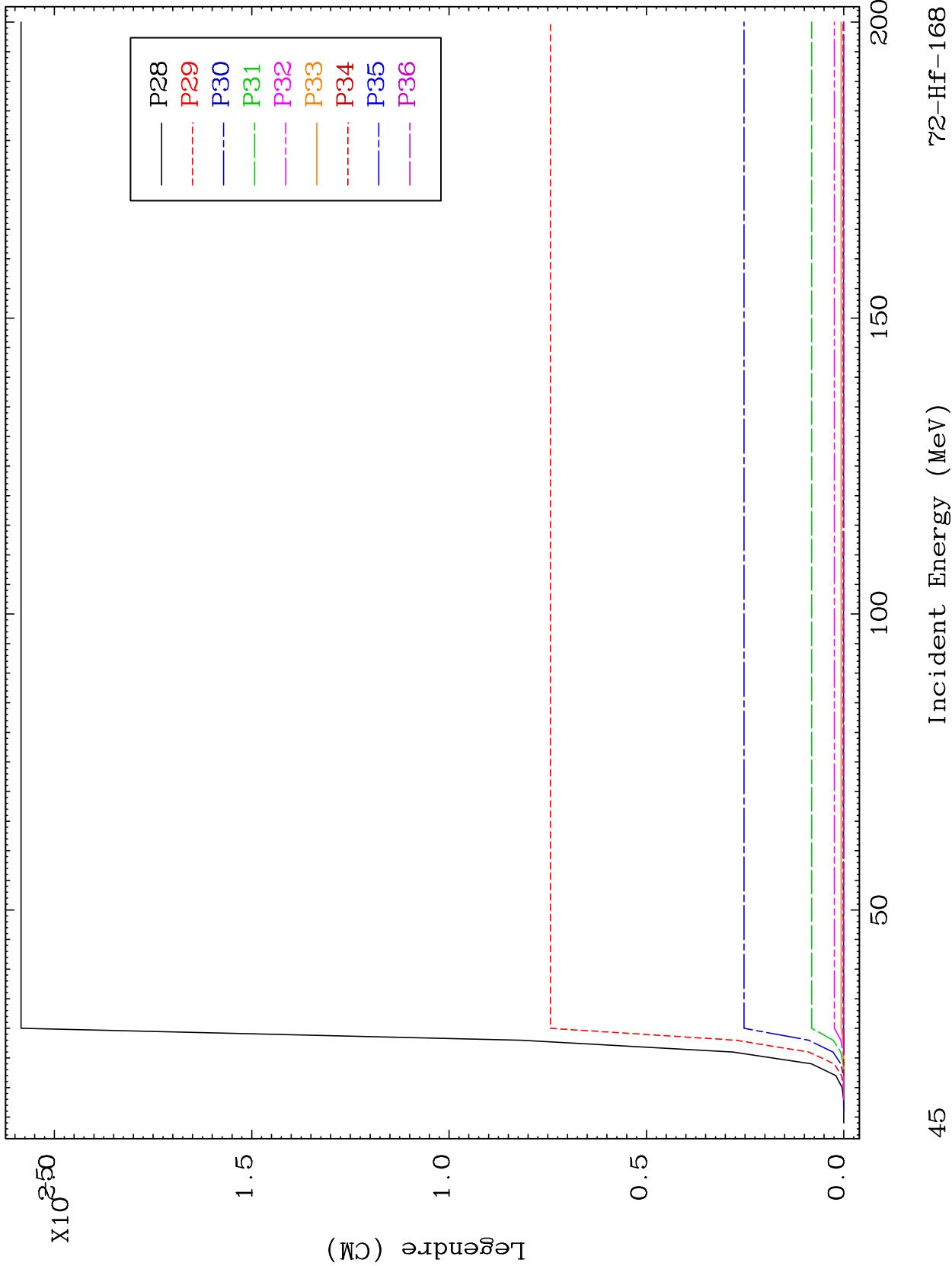
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MAT 7207

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

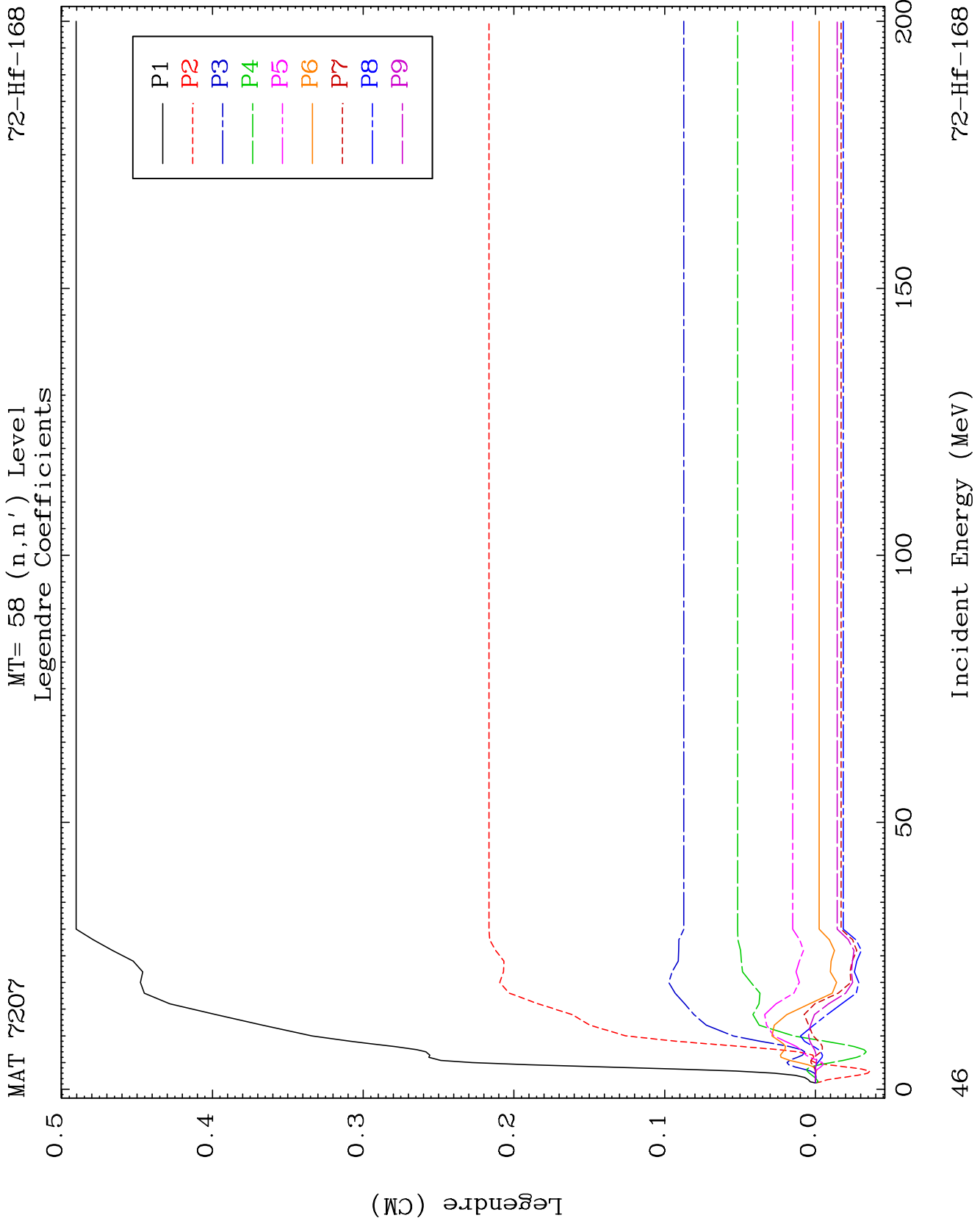
72-Hf-168



45

Incident Energy (MeV)

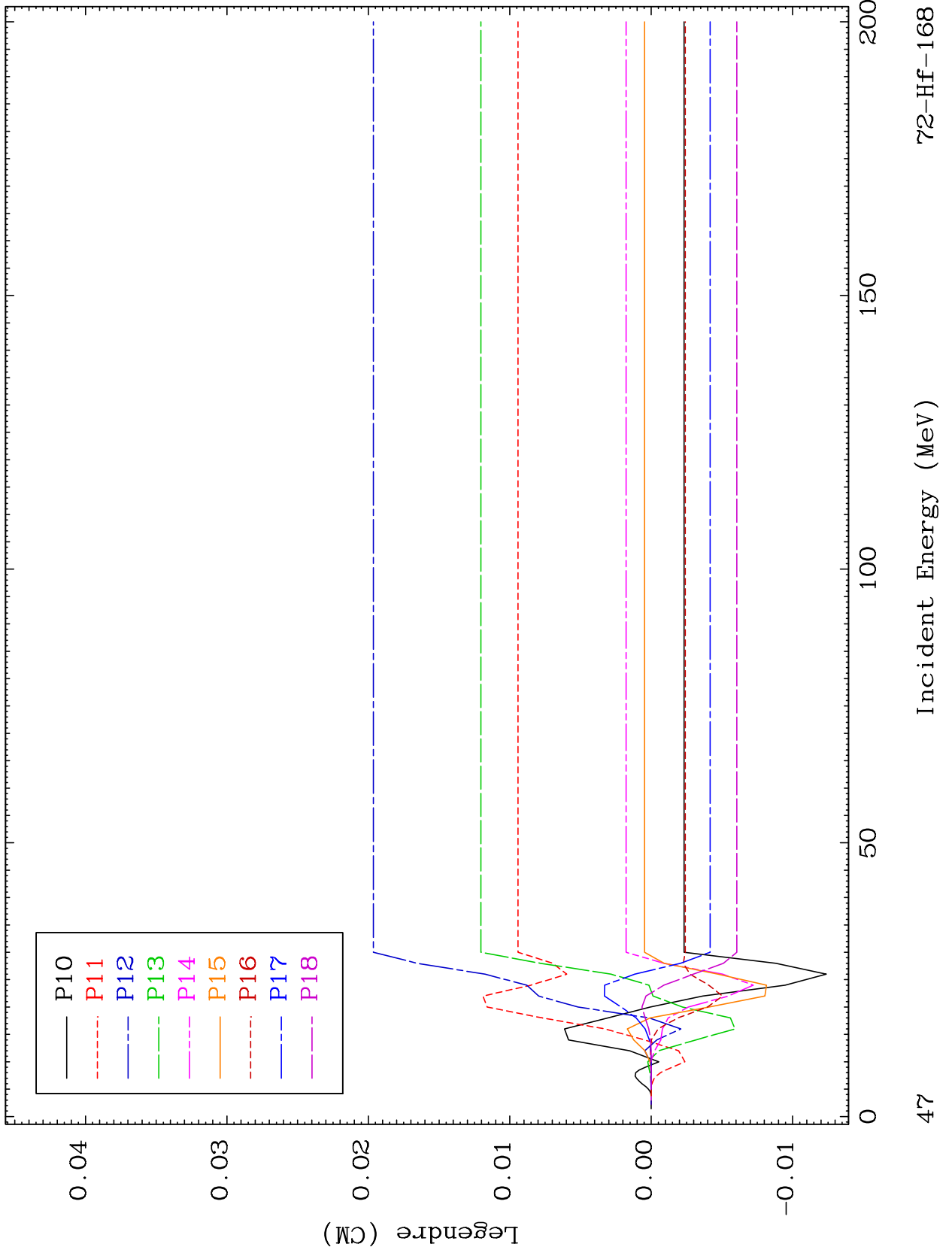
72-Hf-168



MAT 7207

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

72-Hf-168



72-Hf-168

Incident Energy (MeV)

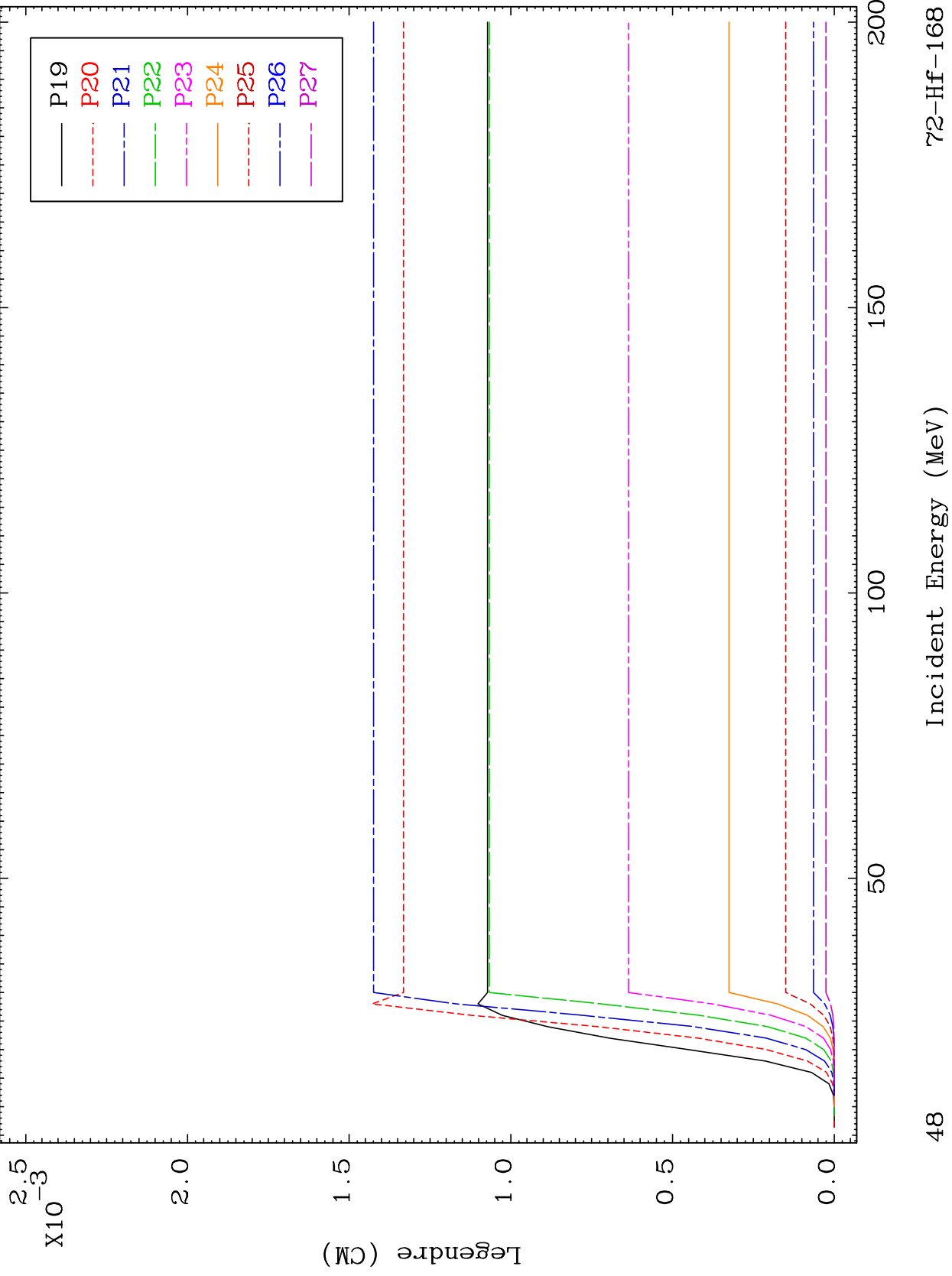
47



MAT 7207

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

72-Hf-168



48

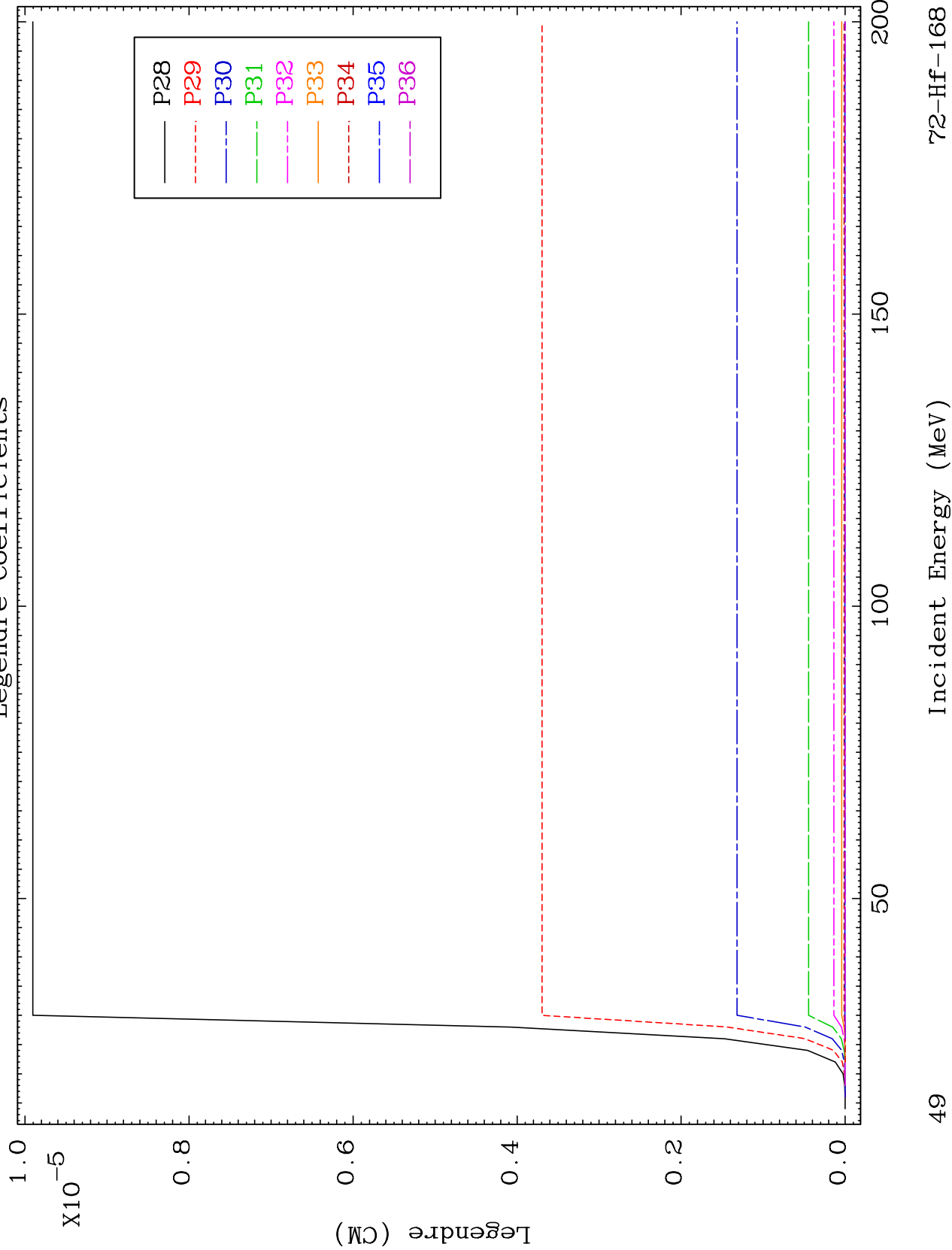
Incident Energy (MeV)

72-Hf-168

MAT 7207

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

72-Hf-168



49

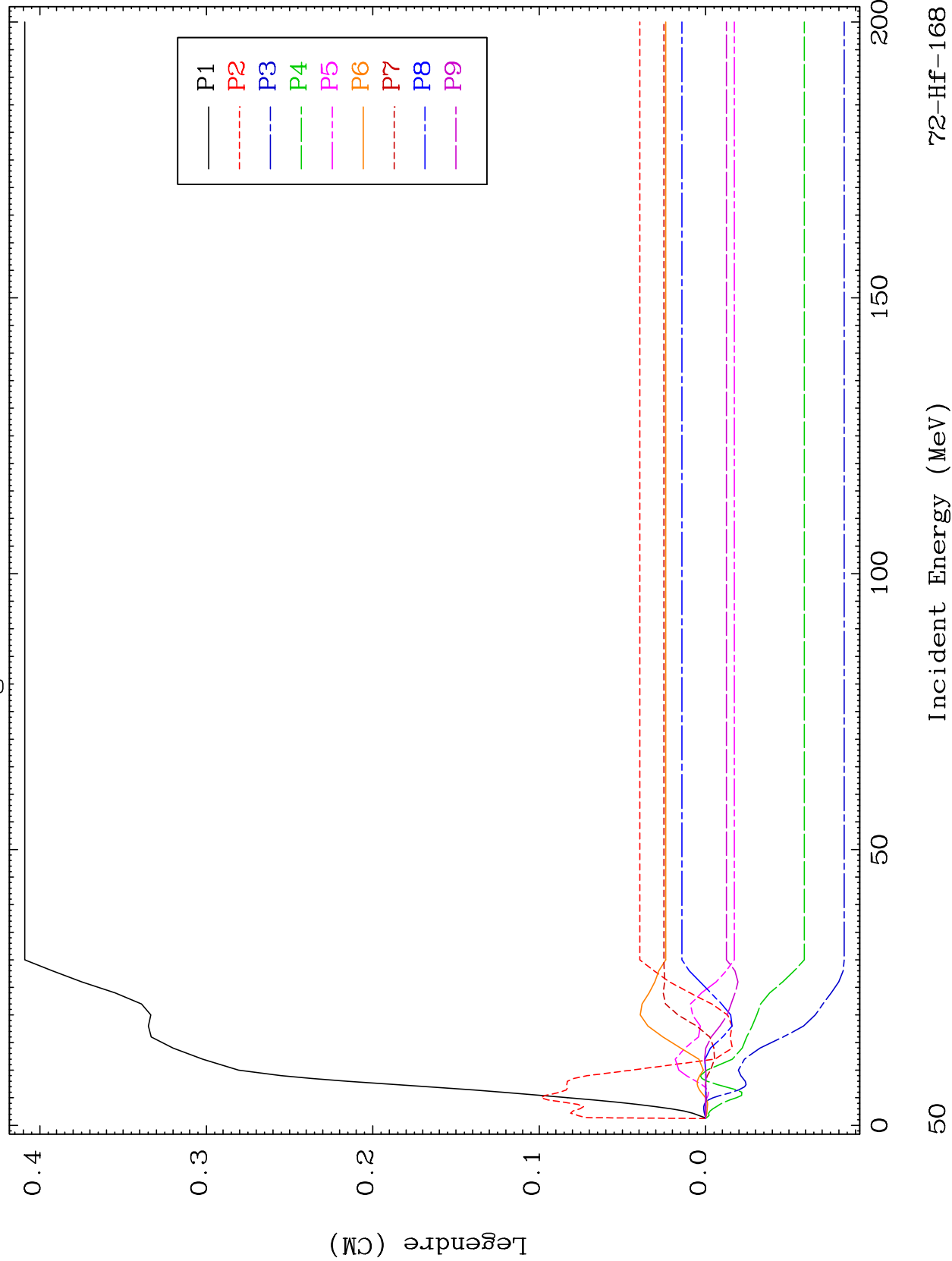
Incident Energy (MeV)

72-Hf-168

MAT 7207

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

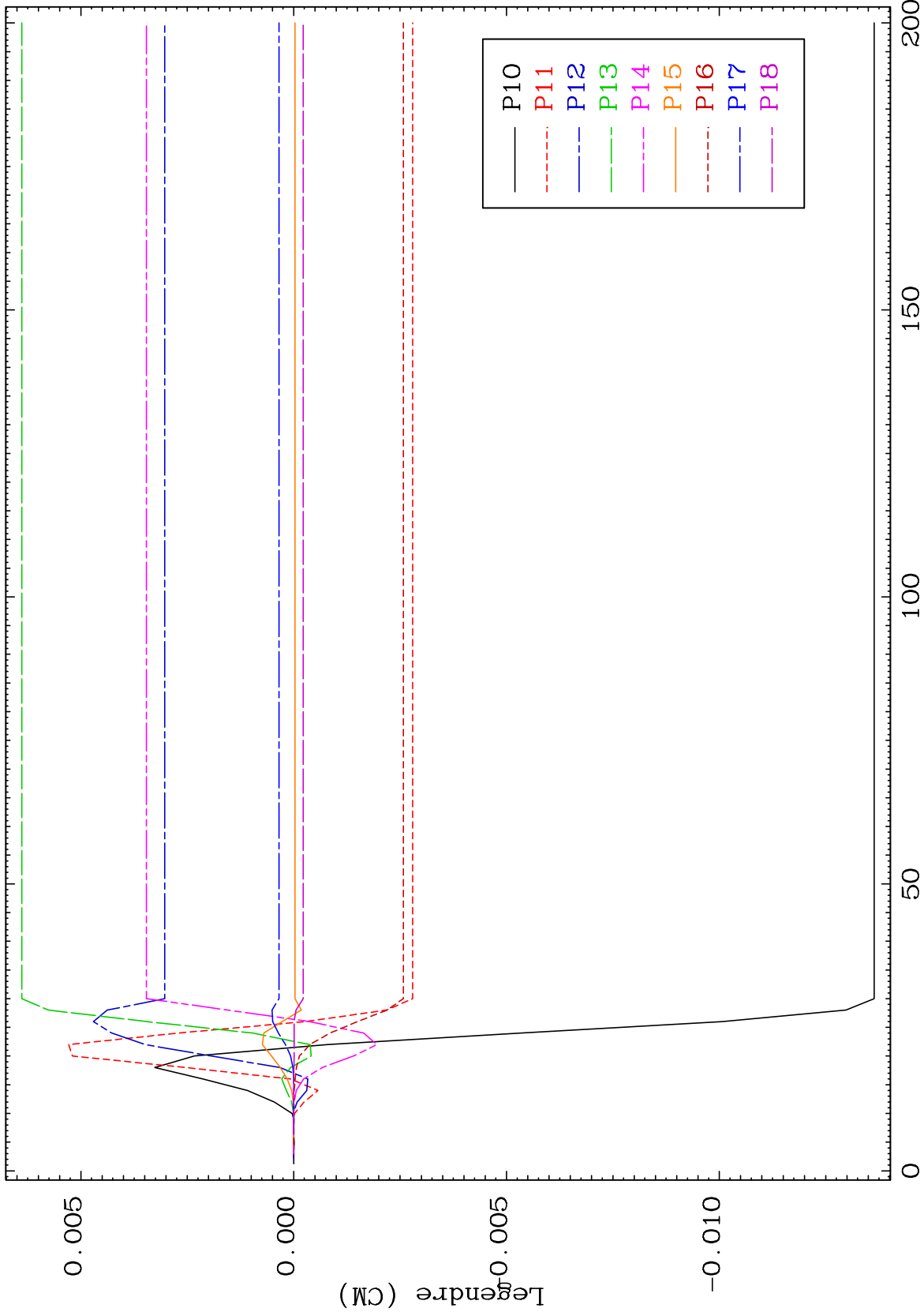
72-Hf-168



MAT 7207

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

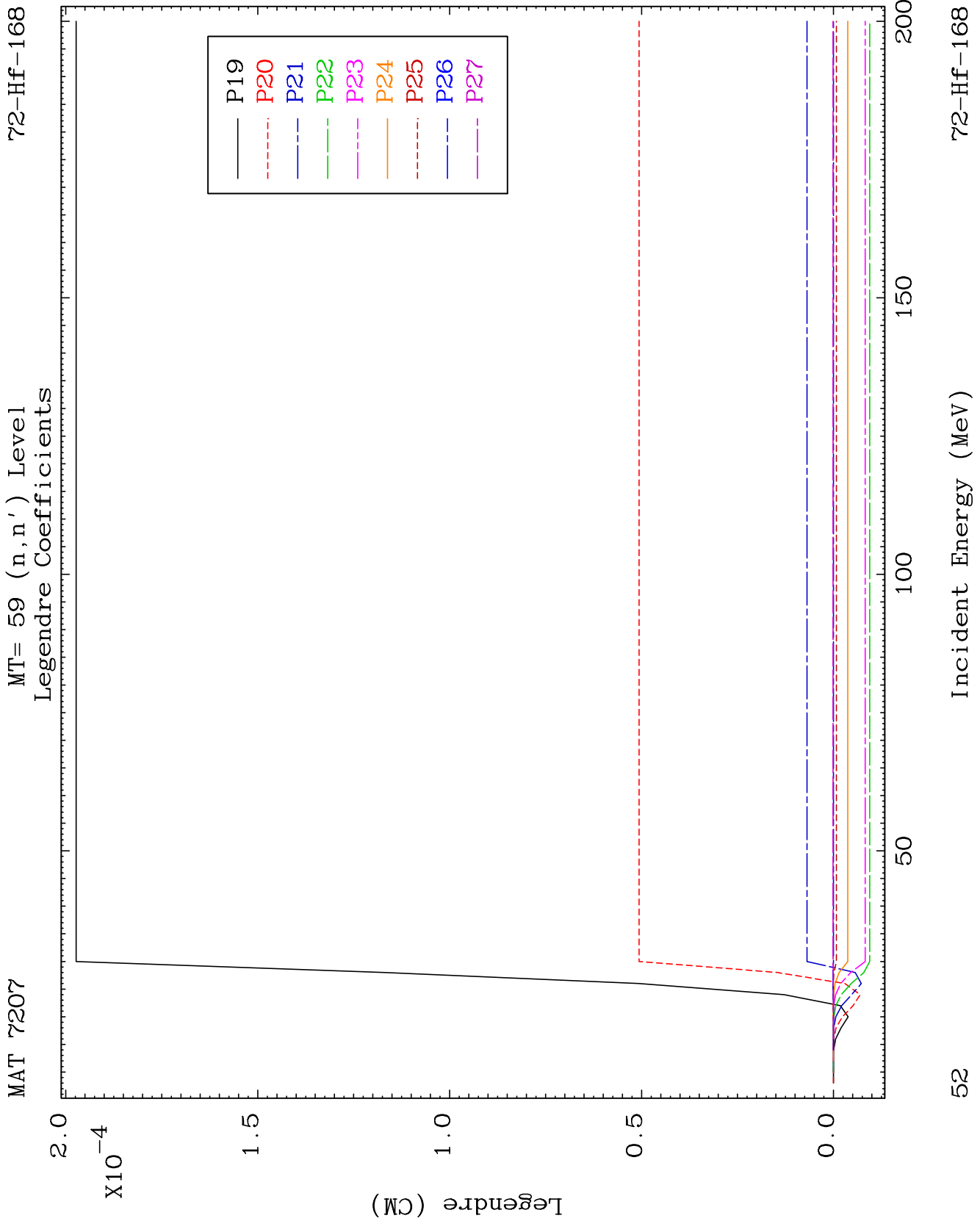
72-Hf-168



51

Incident Energy (MeV)

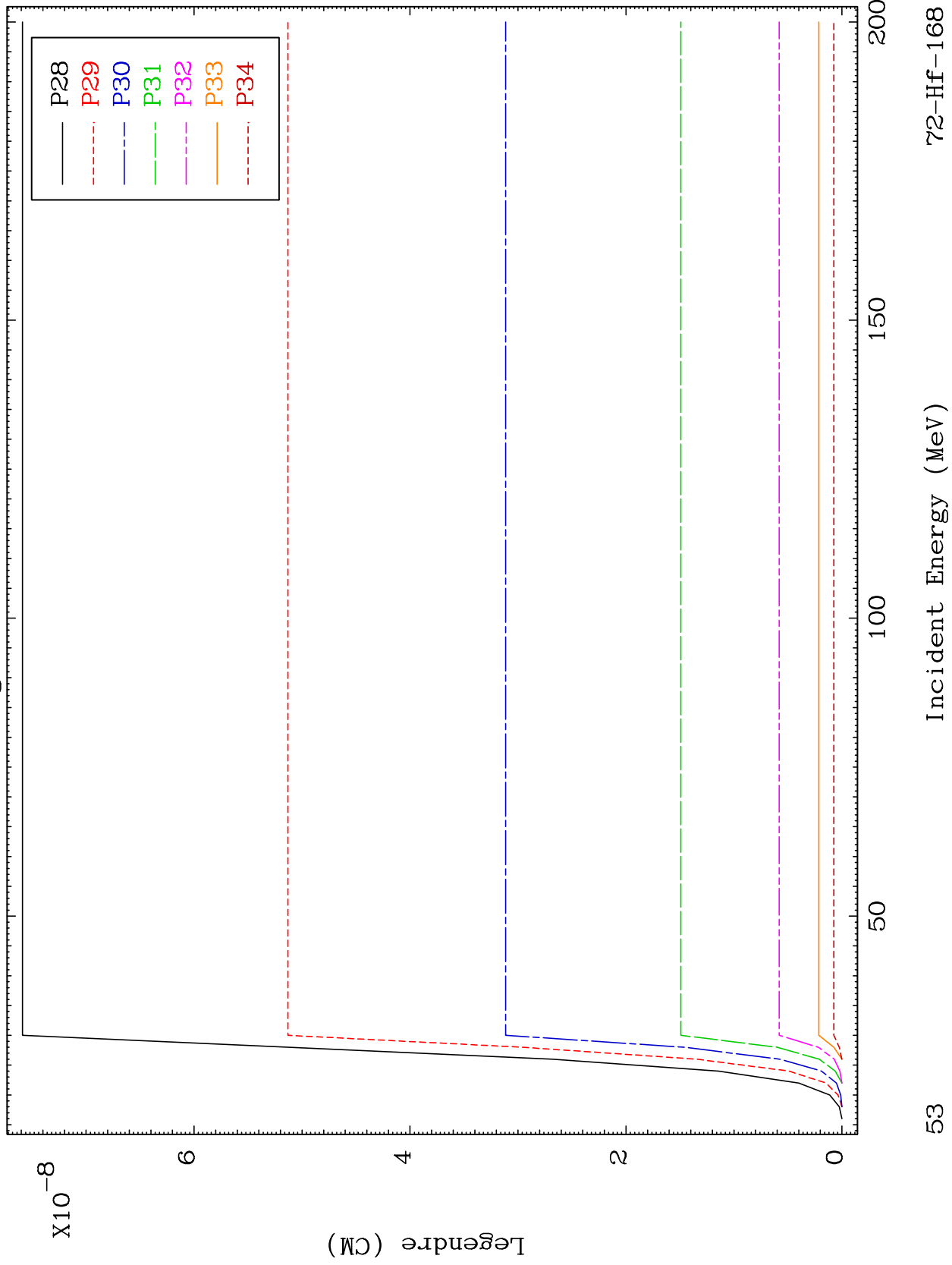
72-Hf-168



MAT 7207

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

72-Hf-168



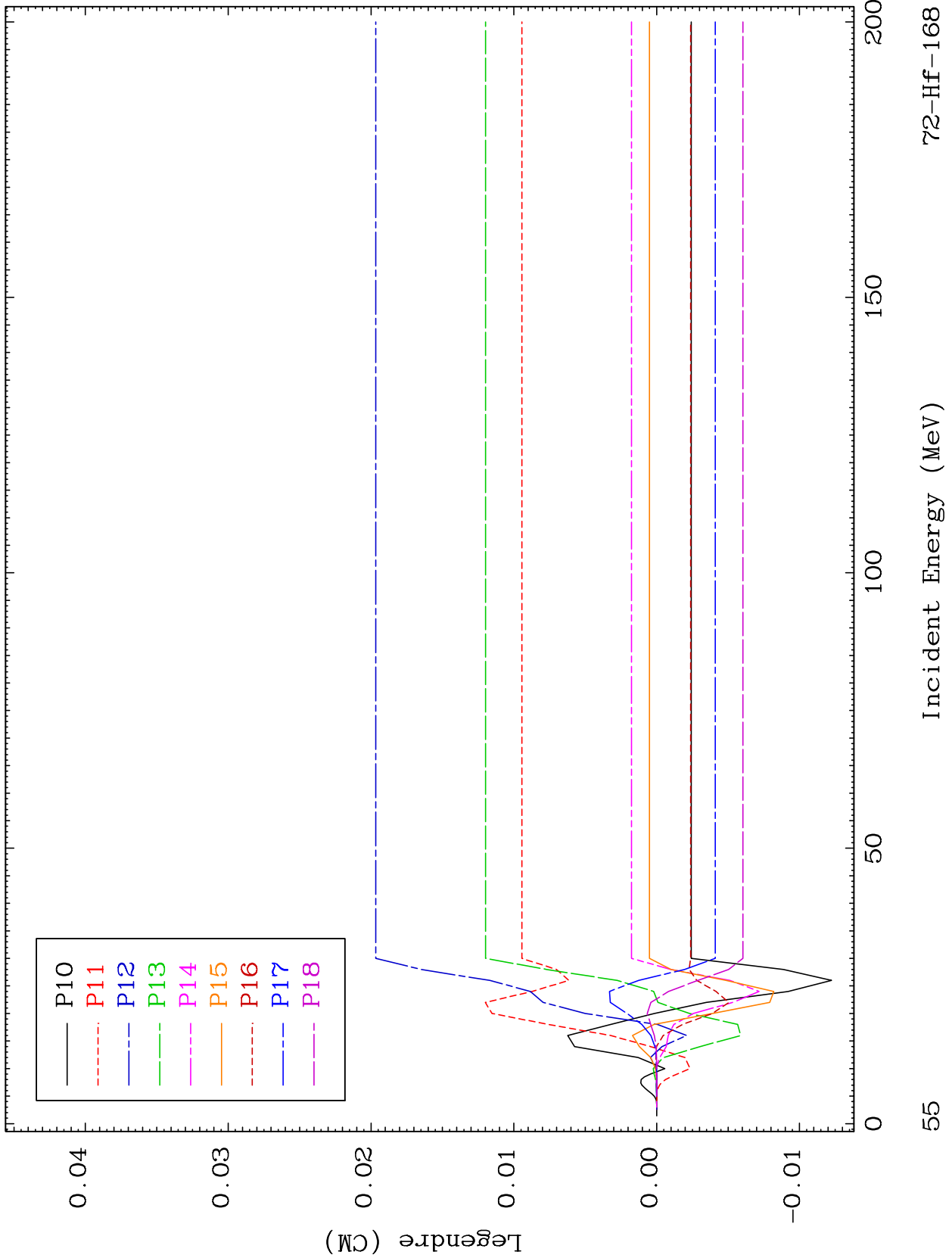
53



MAT 7207

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

72-Hf-168



72-Hf-168

Incident Energy (MeV)

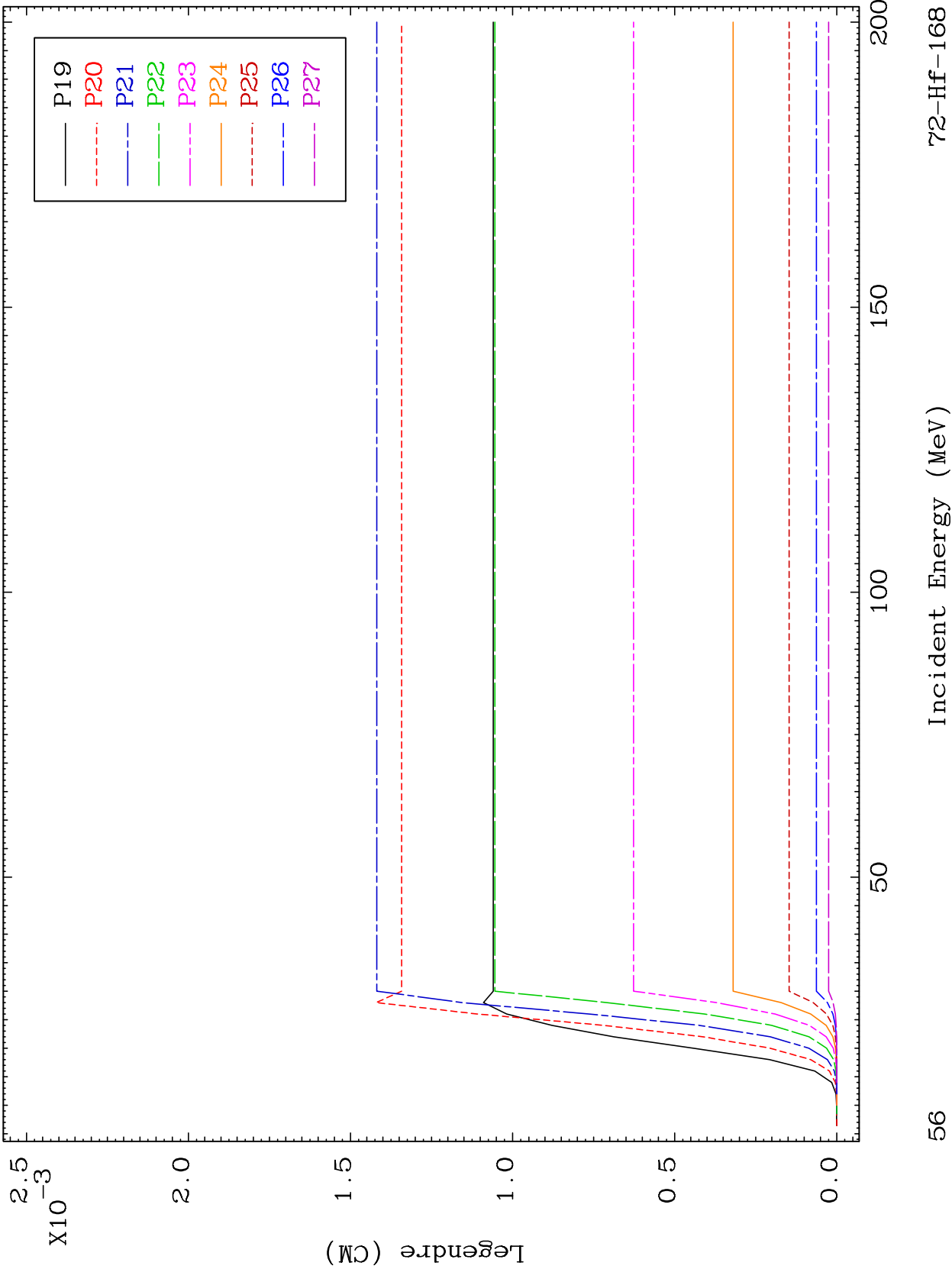
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MAT 7207

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

72-Hf-168



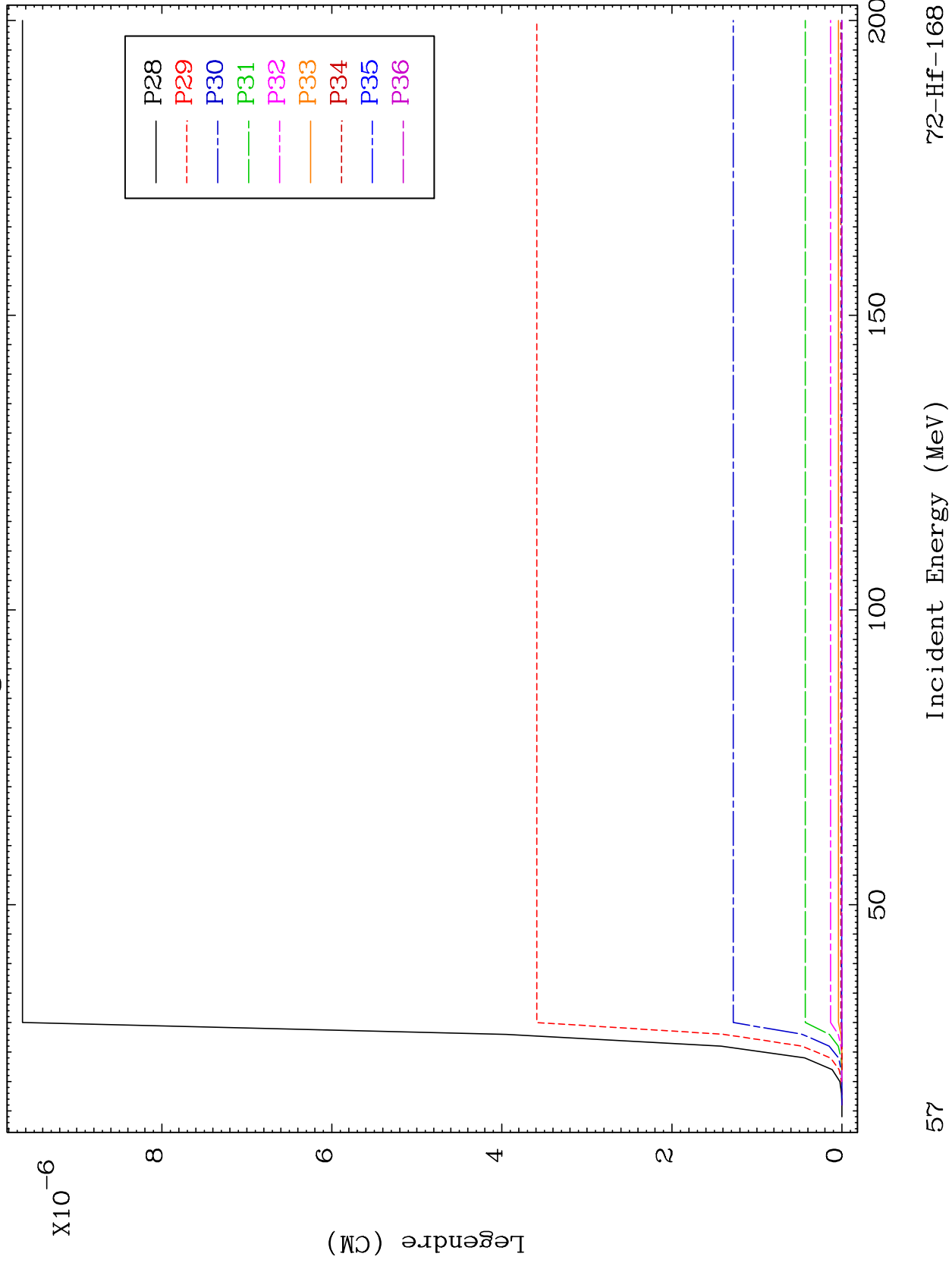
56

72-Hf-168

MAT 7207

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

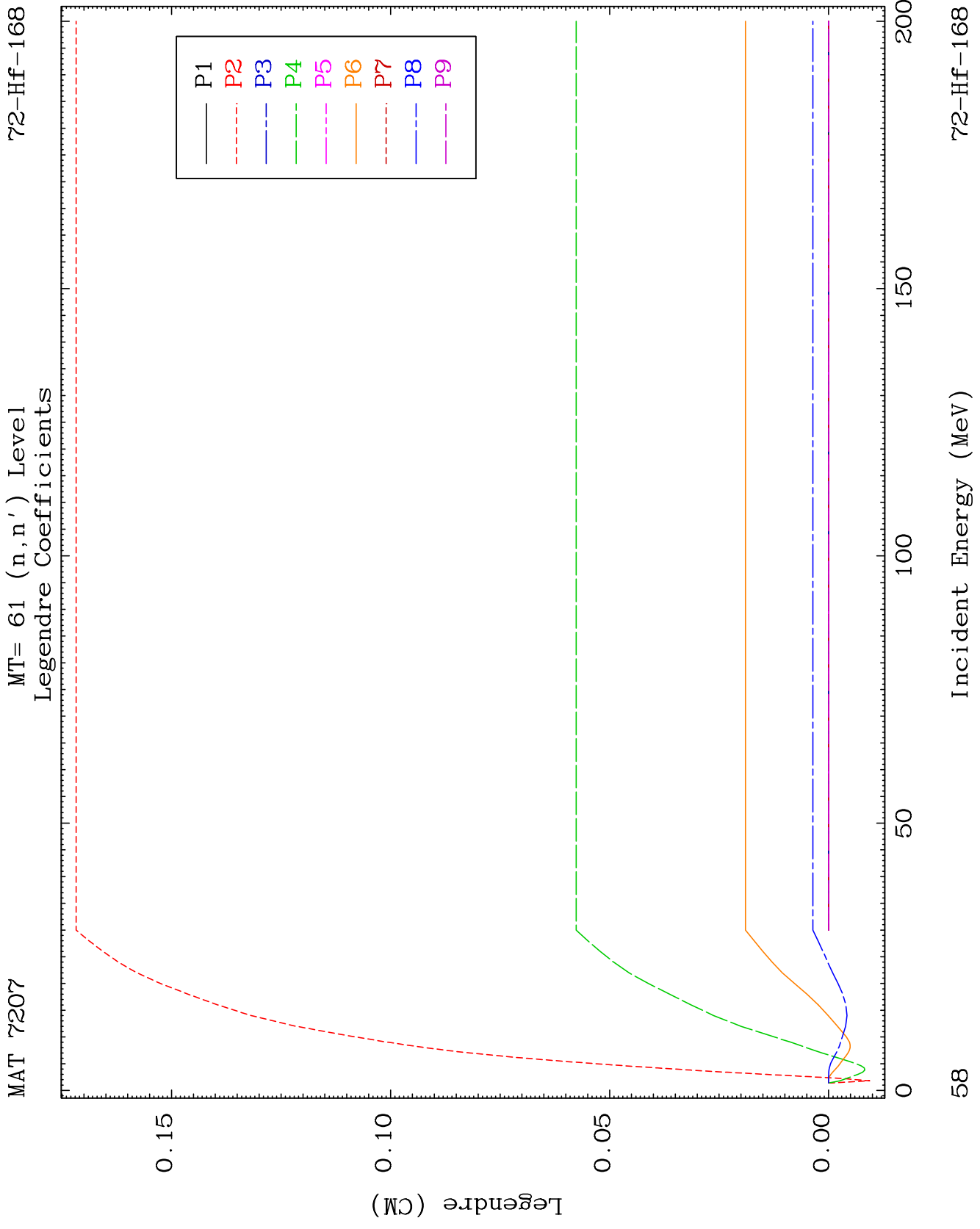
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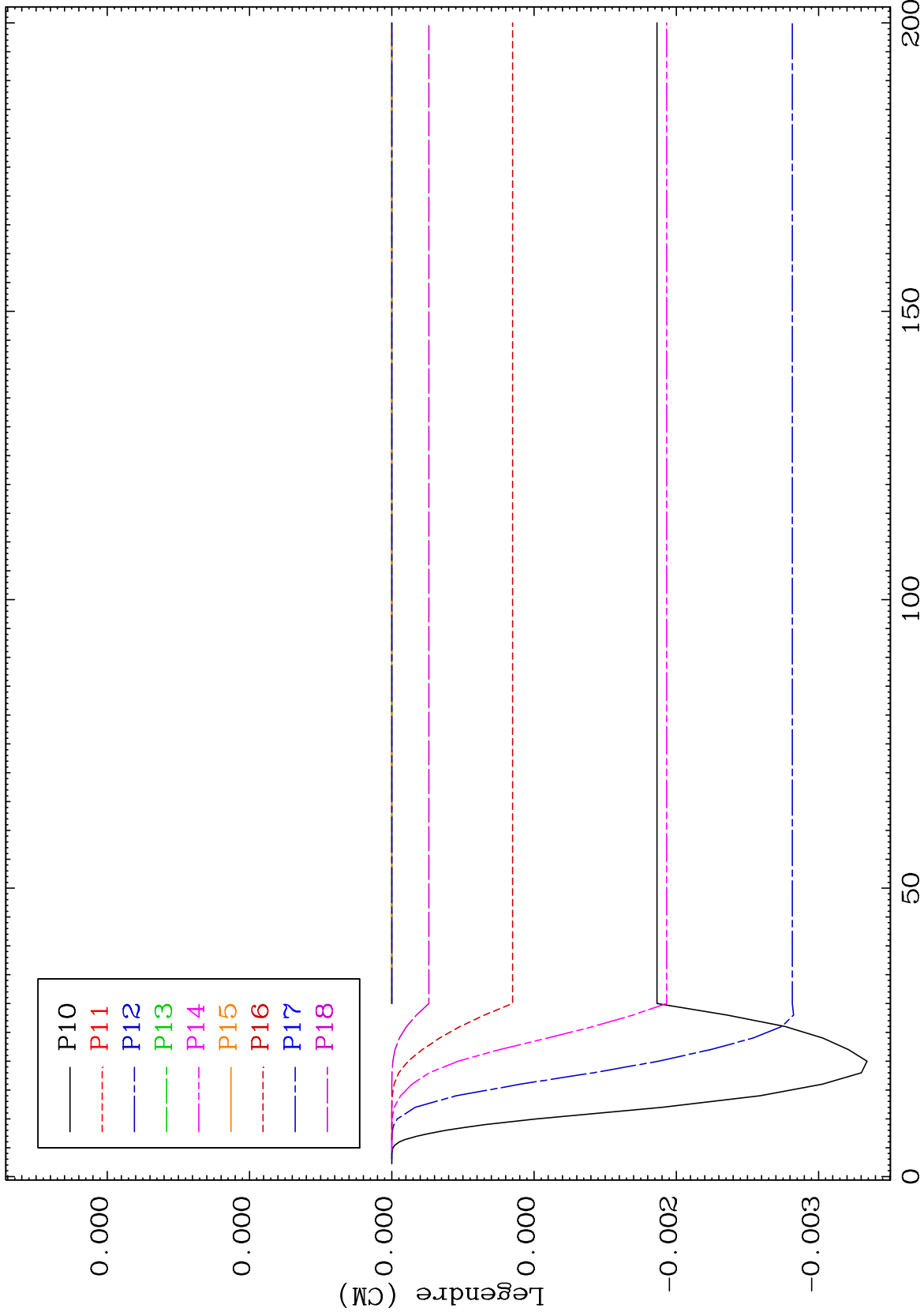


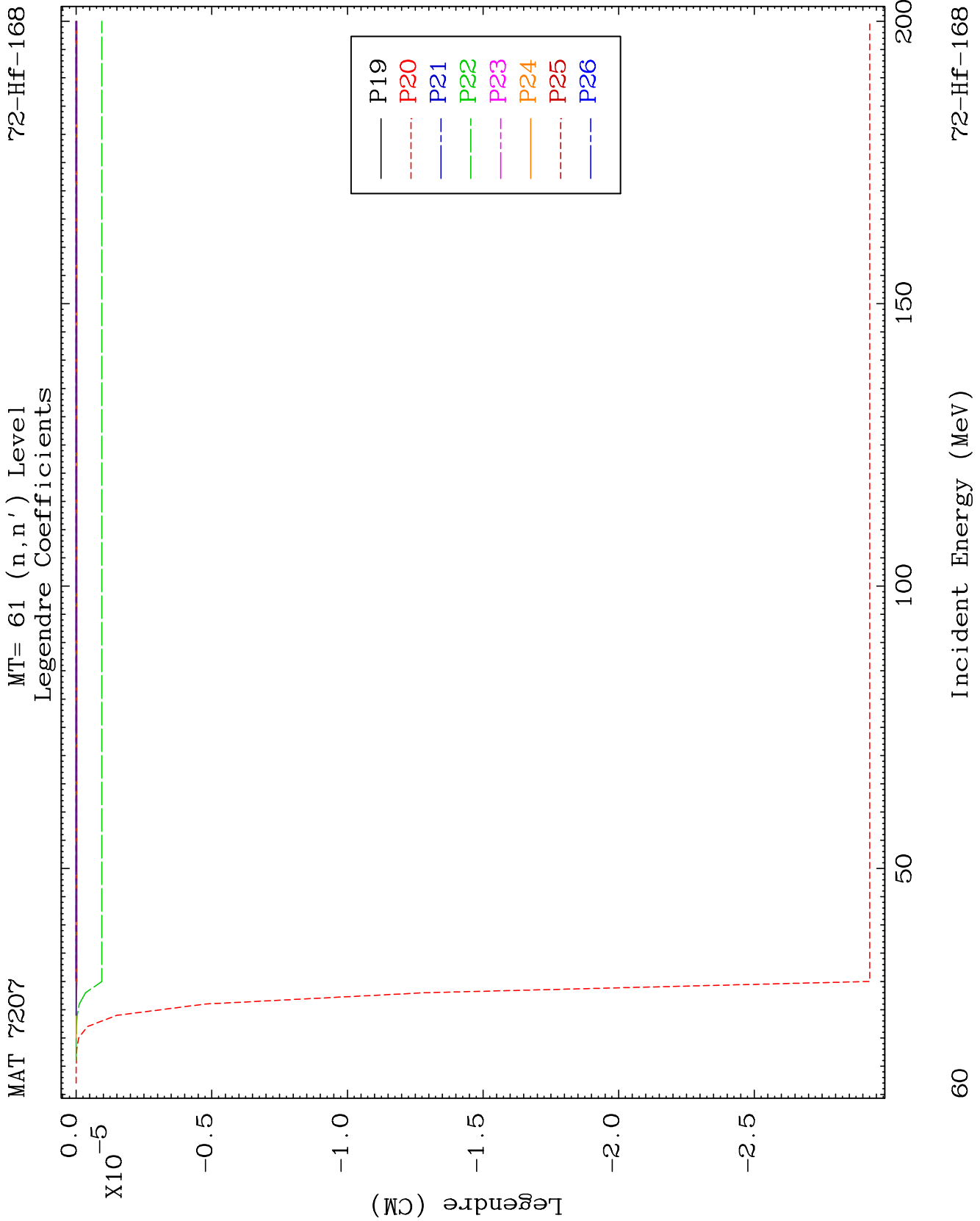
57

Incident Energy (MeV)

72-Hf-168



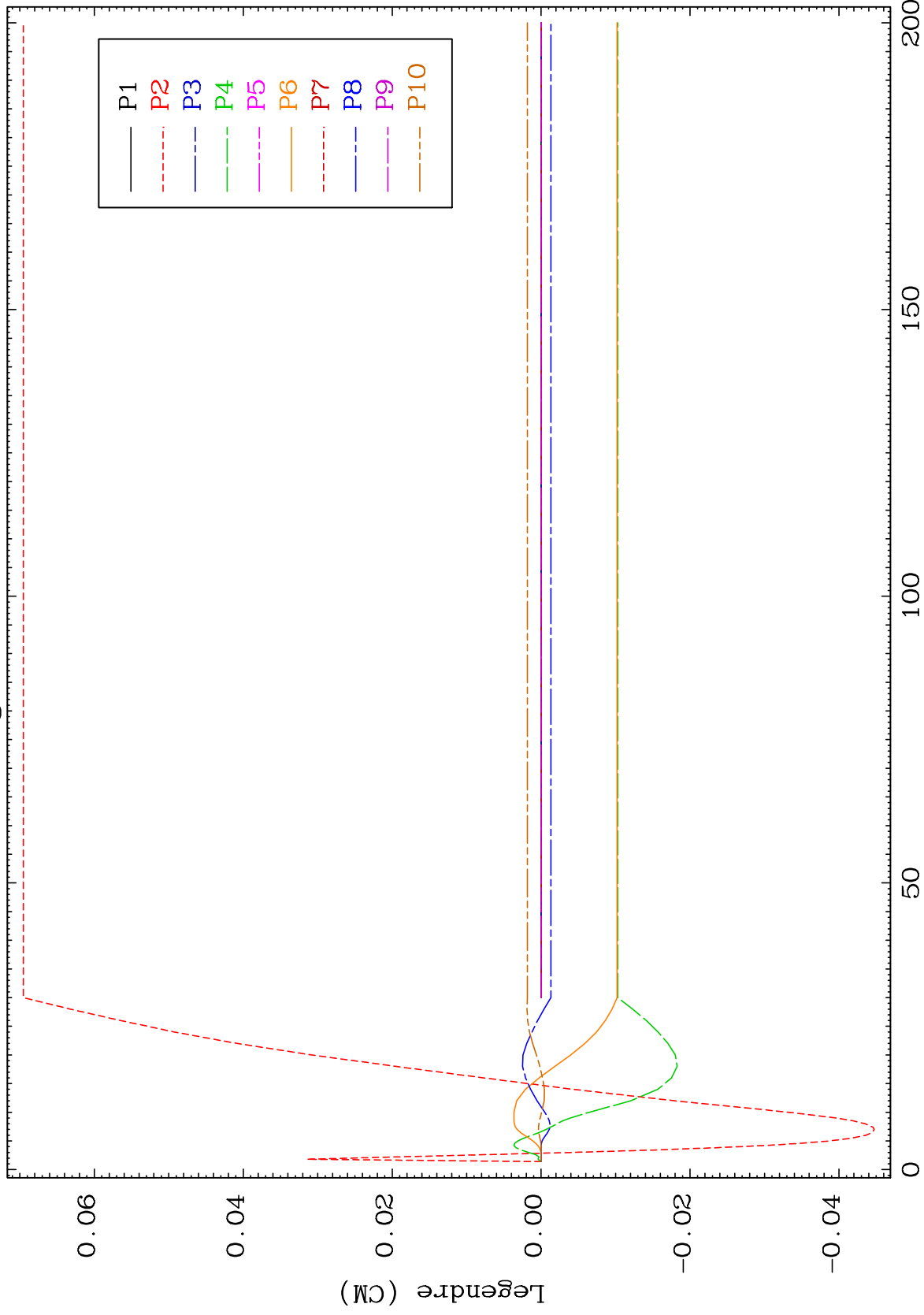




MAT 7207

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

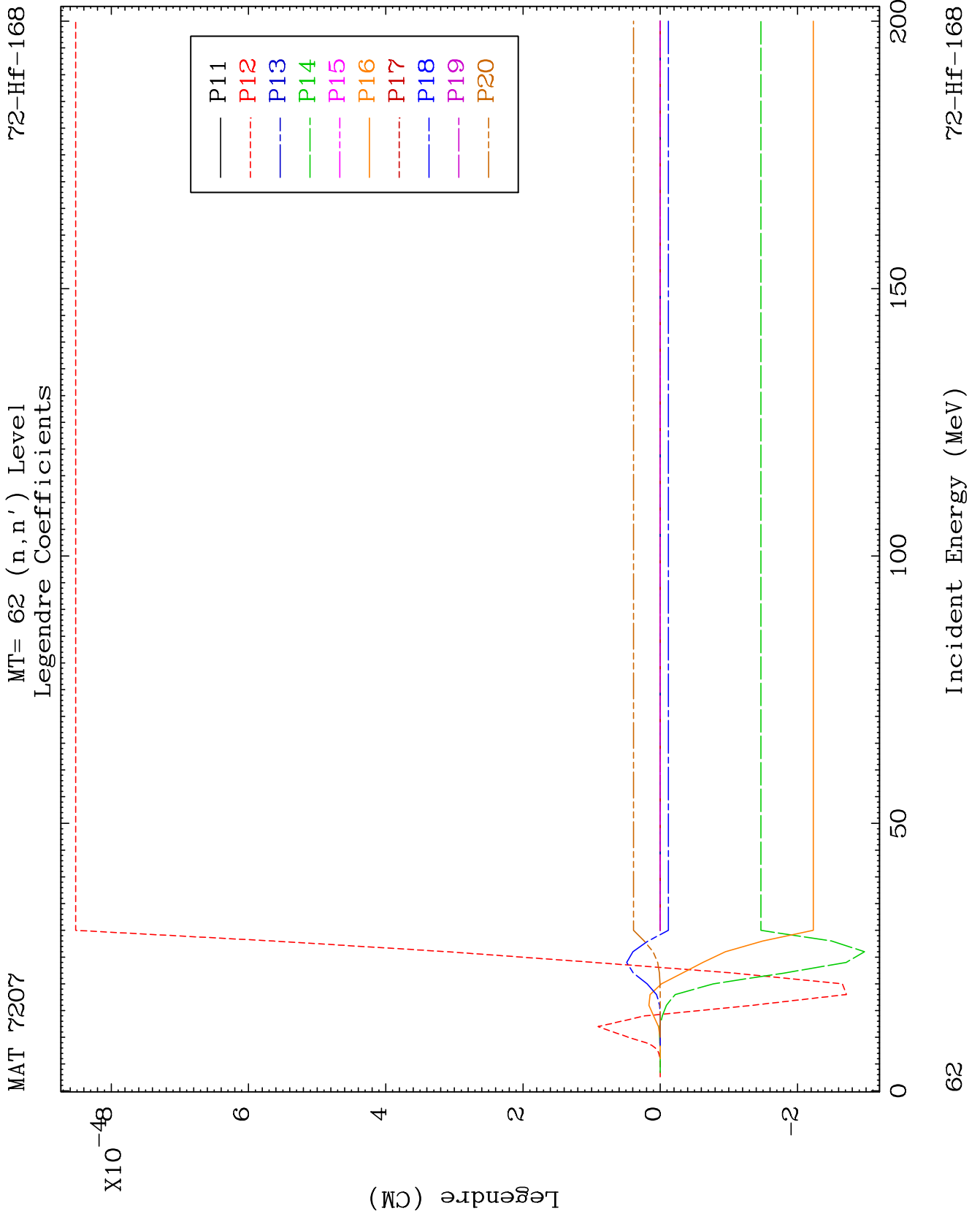
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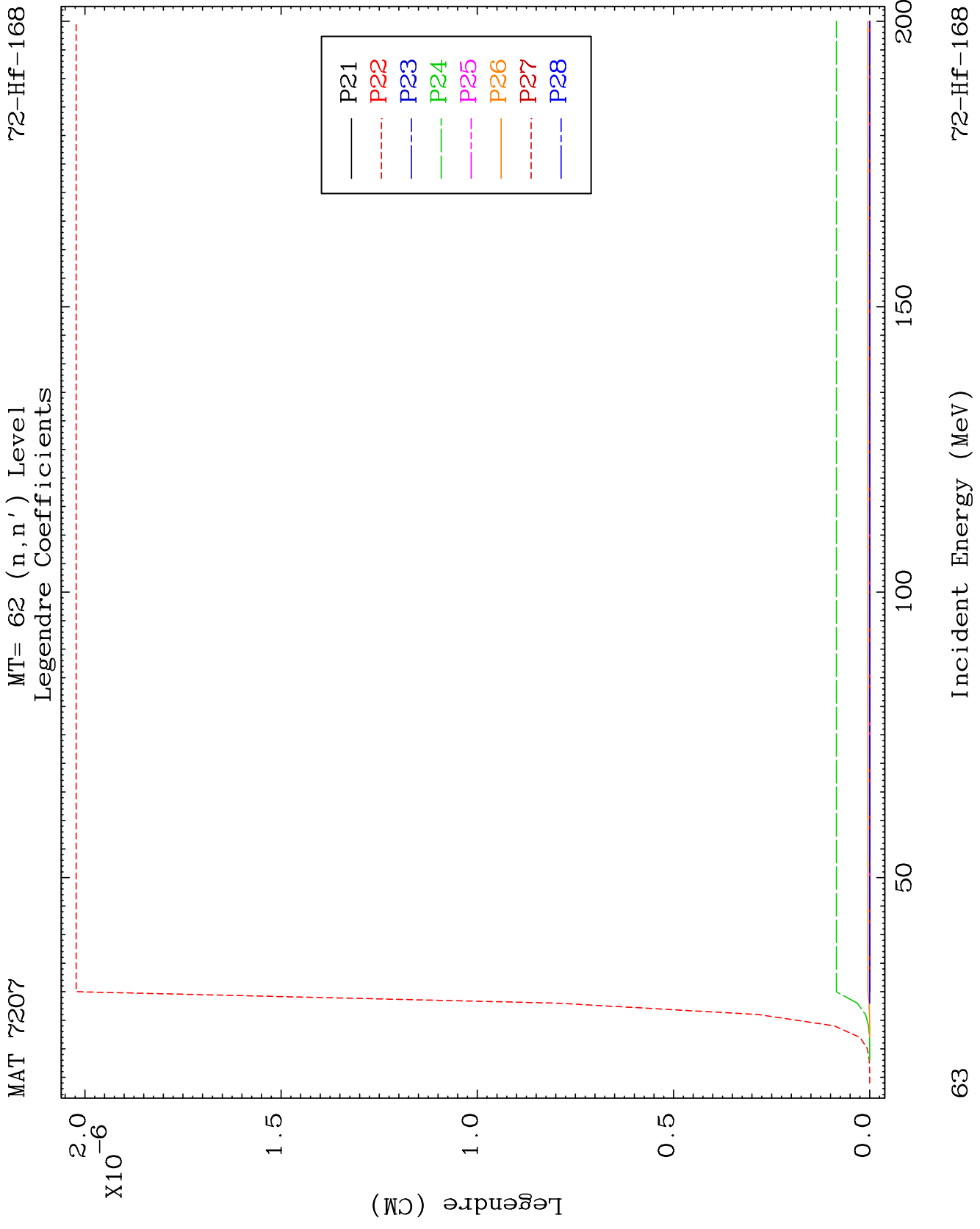


61

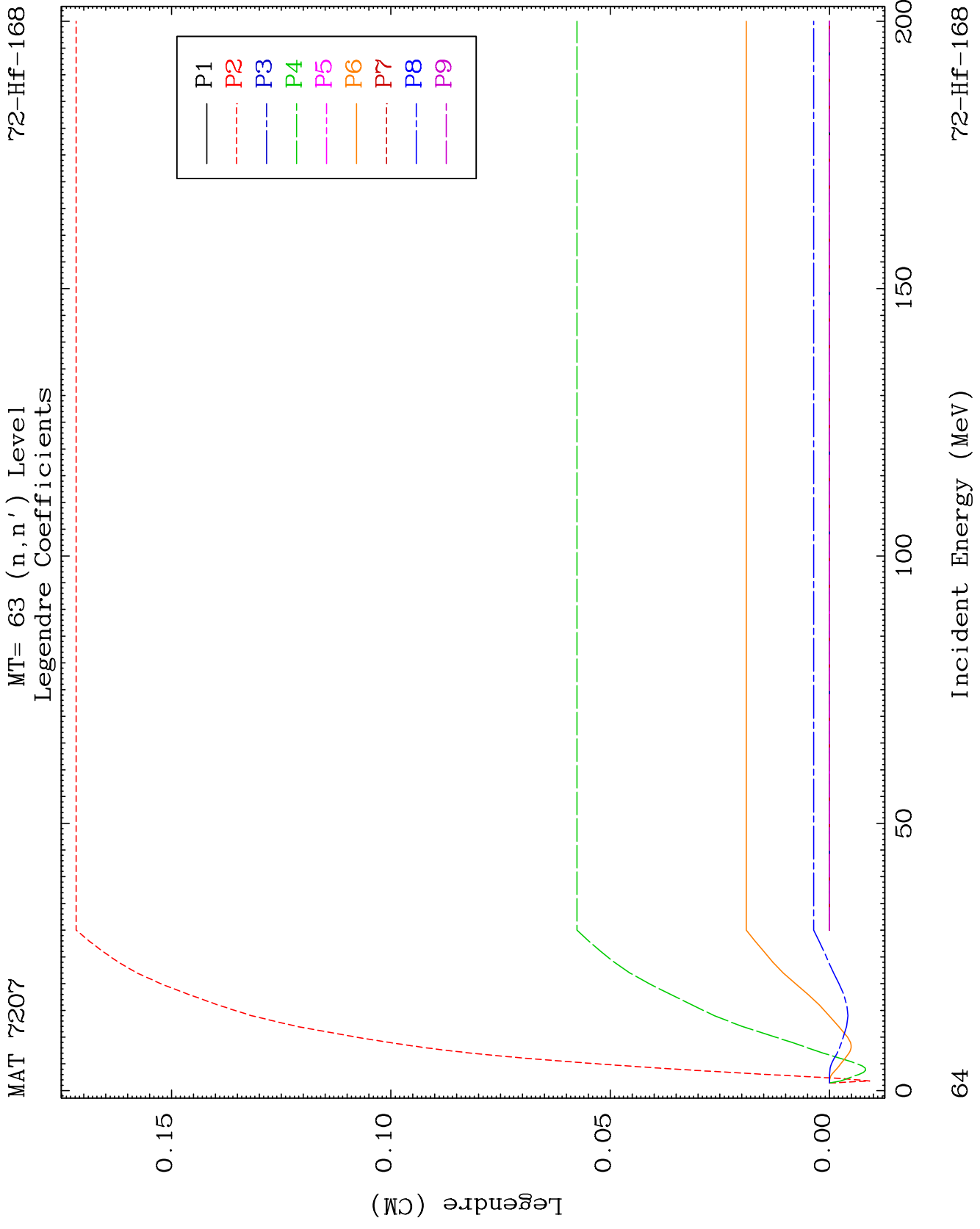
Incident Energy (MeV)

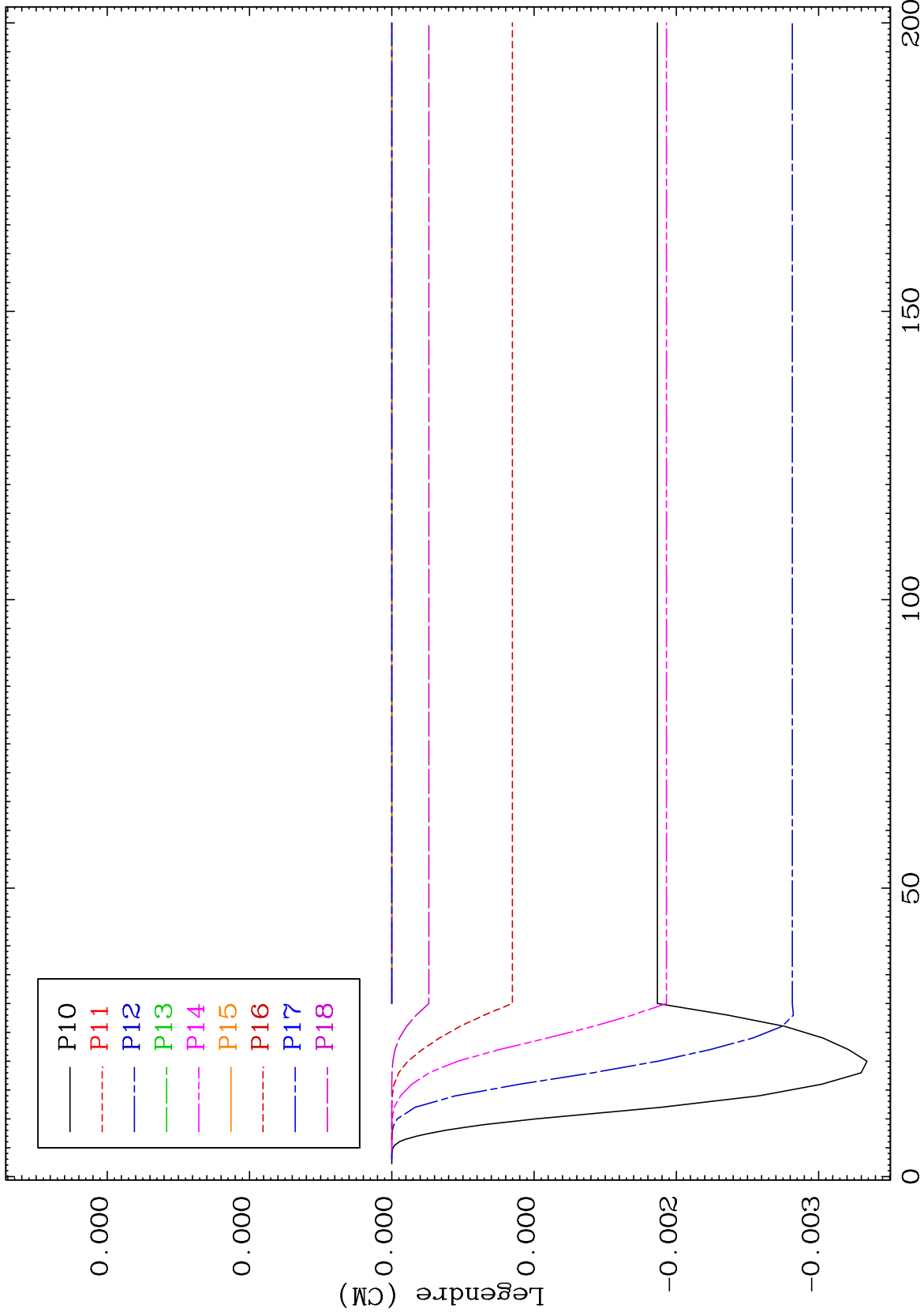
72-Hf-168







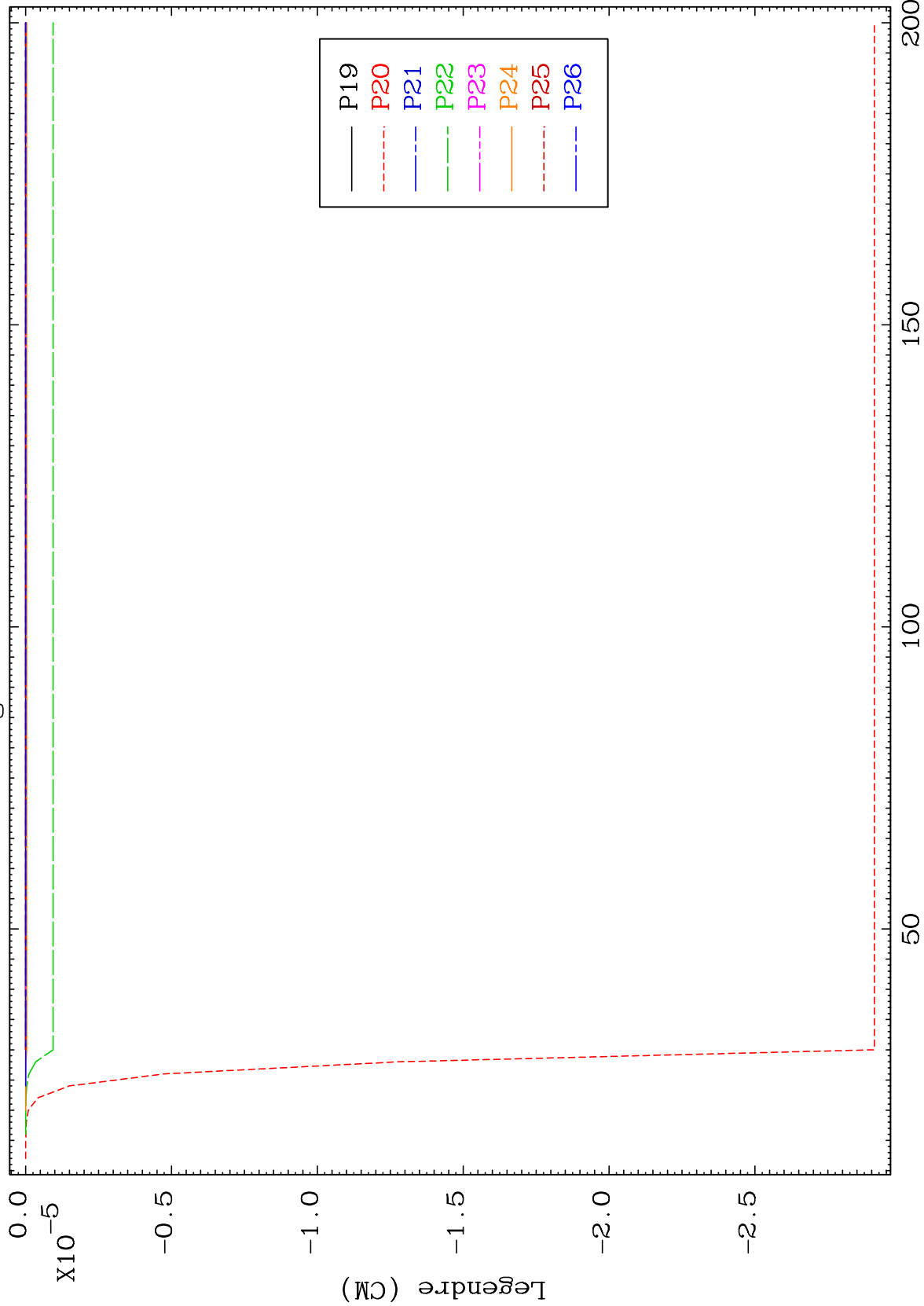




MAT 7207

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

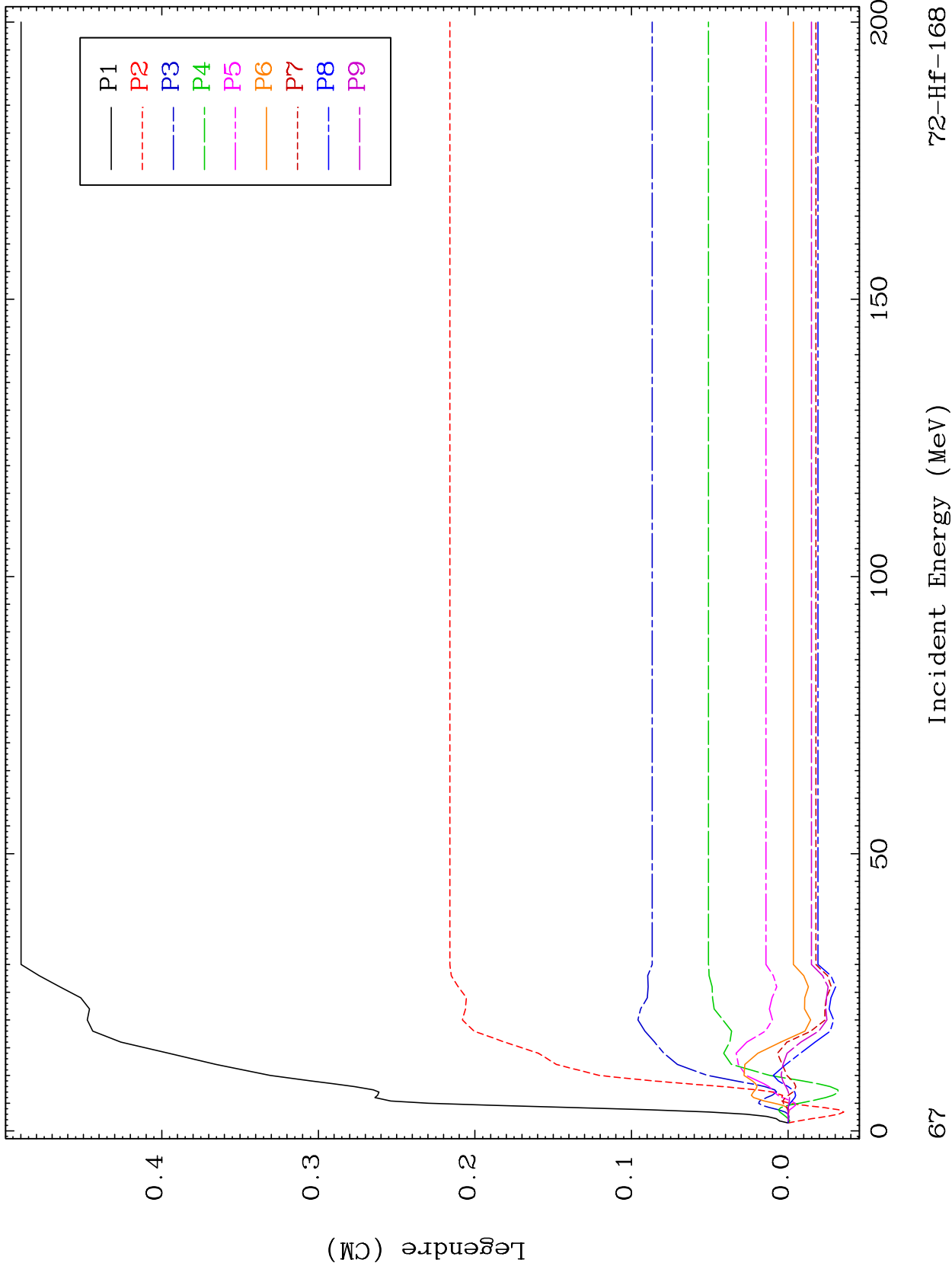
72-Hf-168



MAT 7207

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

72-Hf-168



72-Hf-168

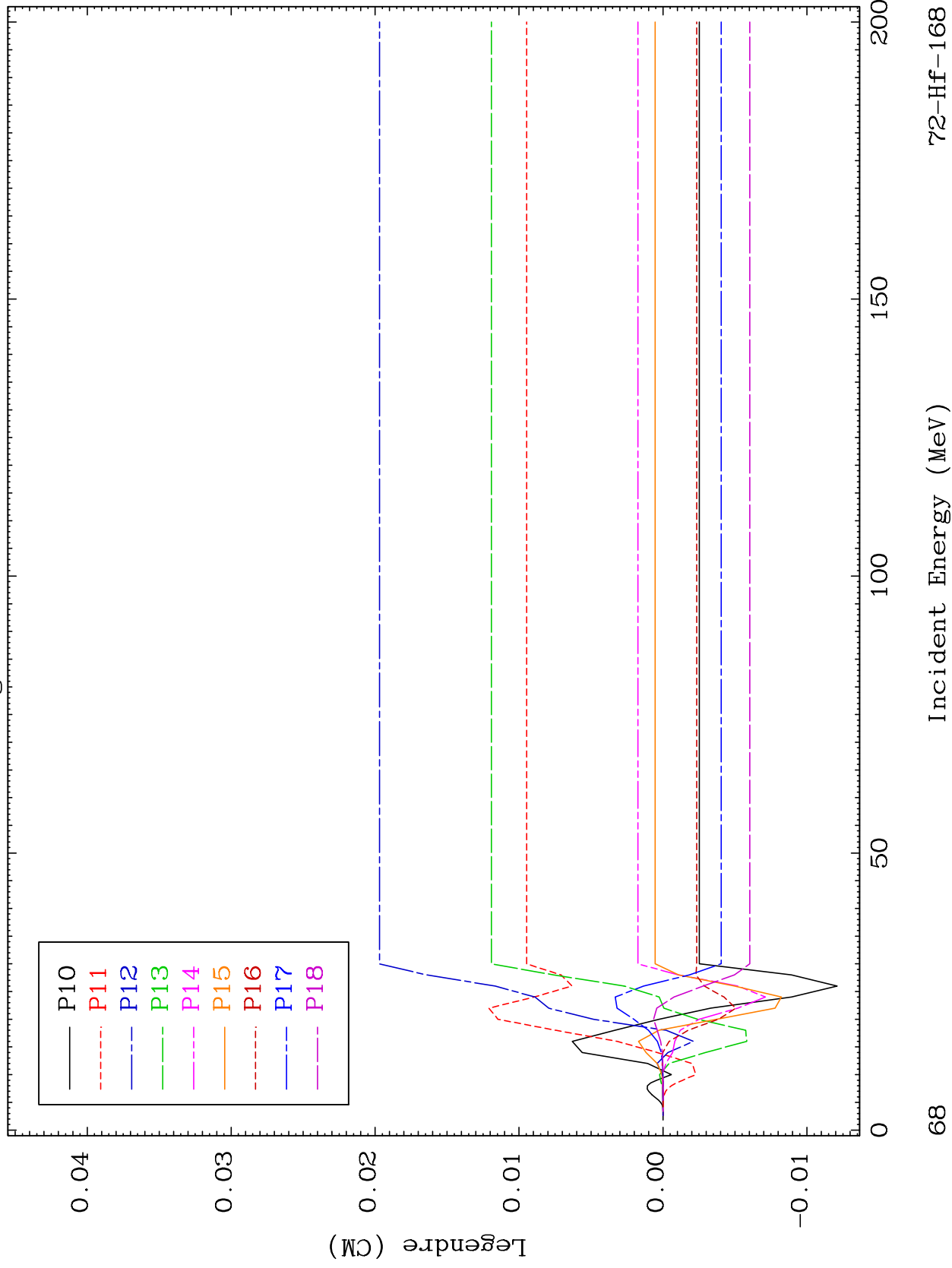
Incident Energy (MeV)

67

MAT 7207

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

72-Hf-168



72-Hf-168

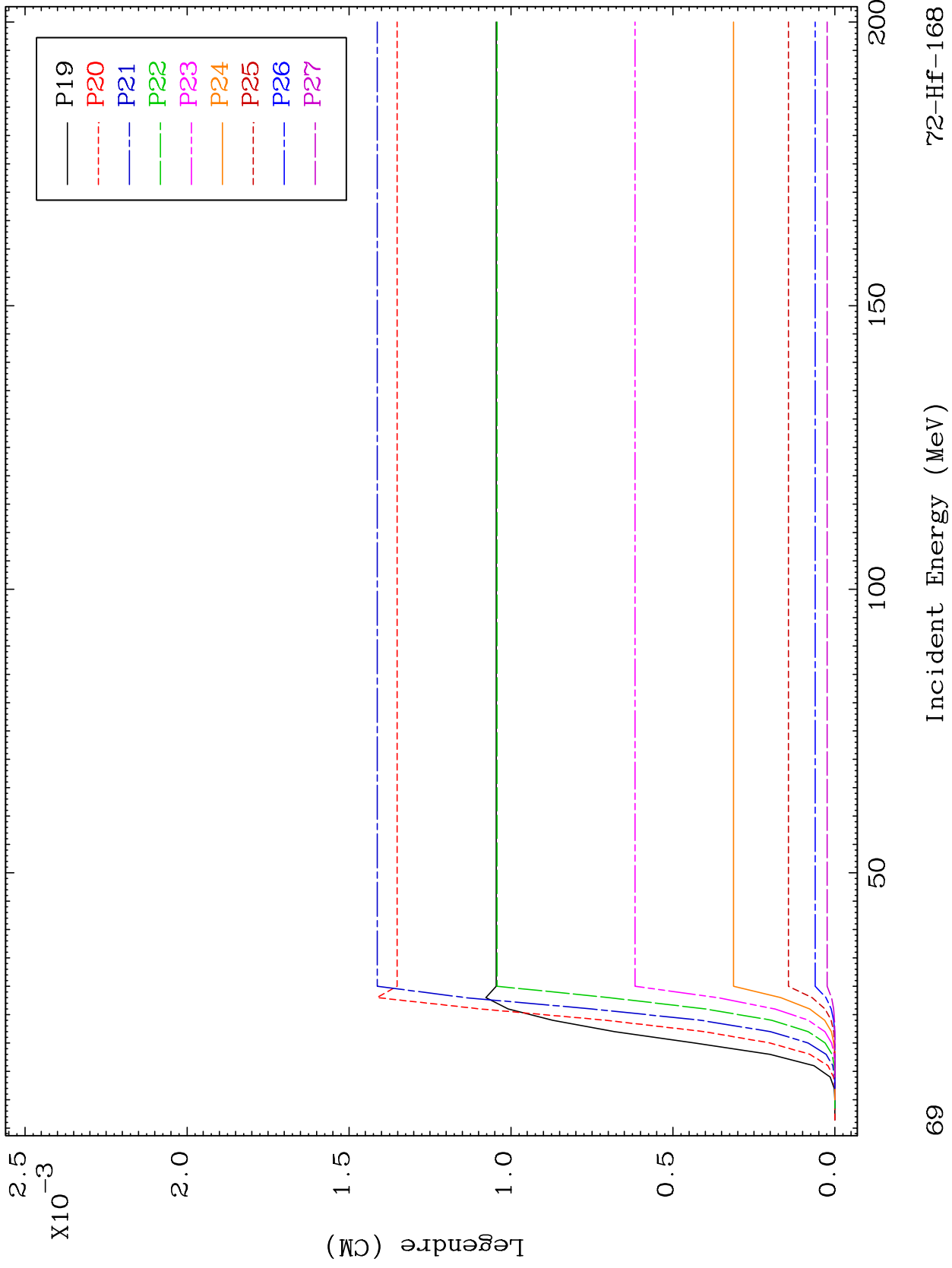
Incident Energy (MeV)

68

MAT 7207

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

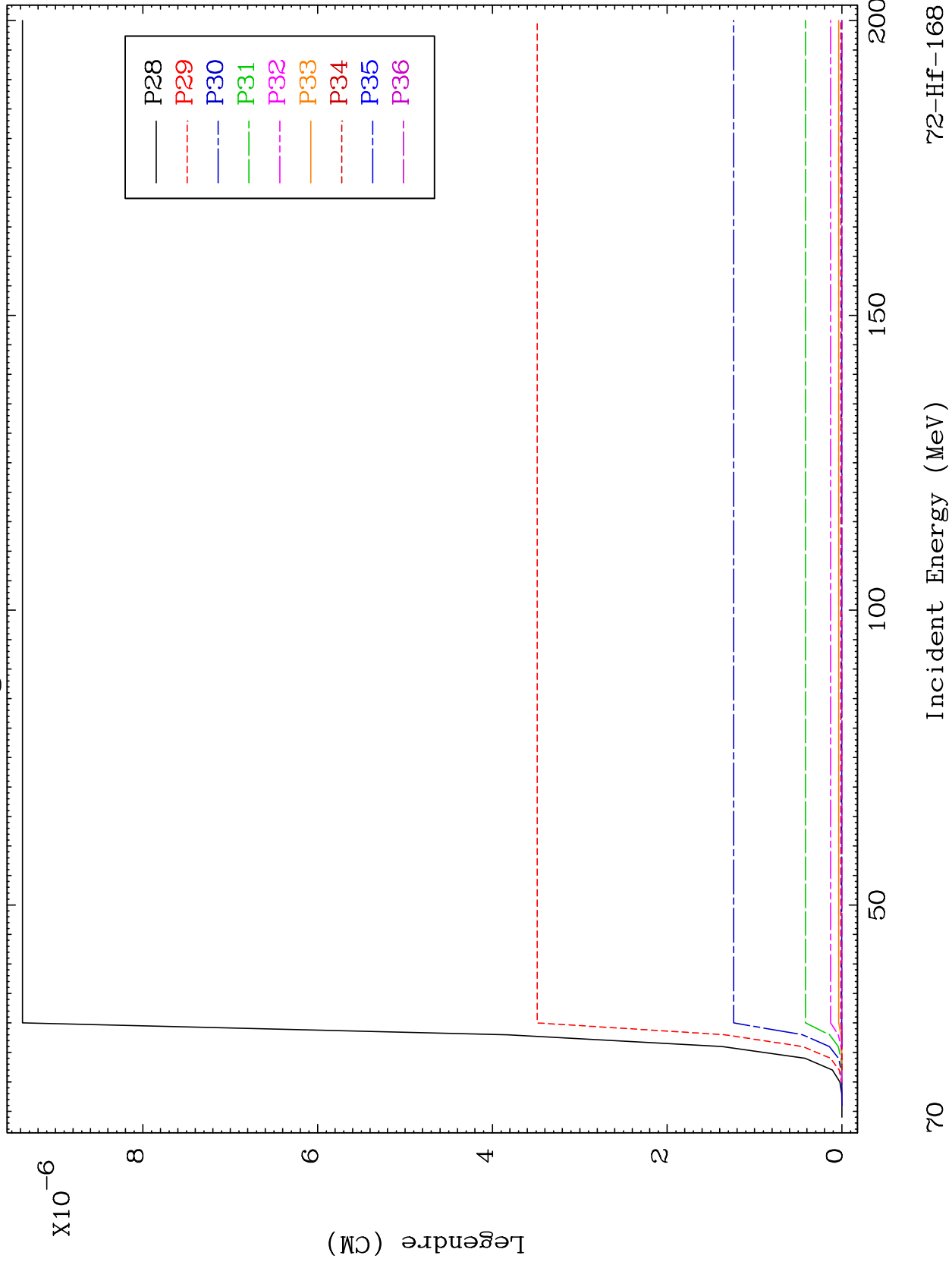
72-Hf-168



MAT 7207

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

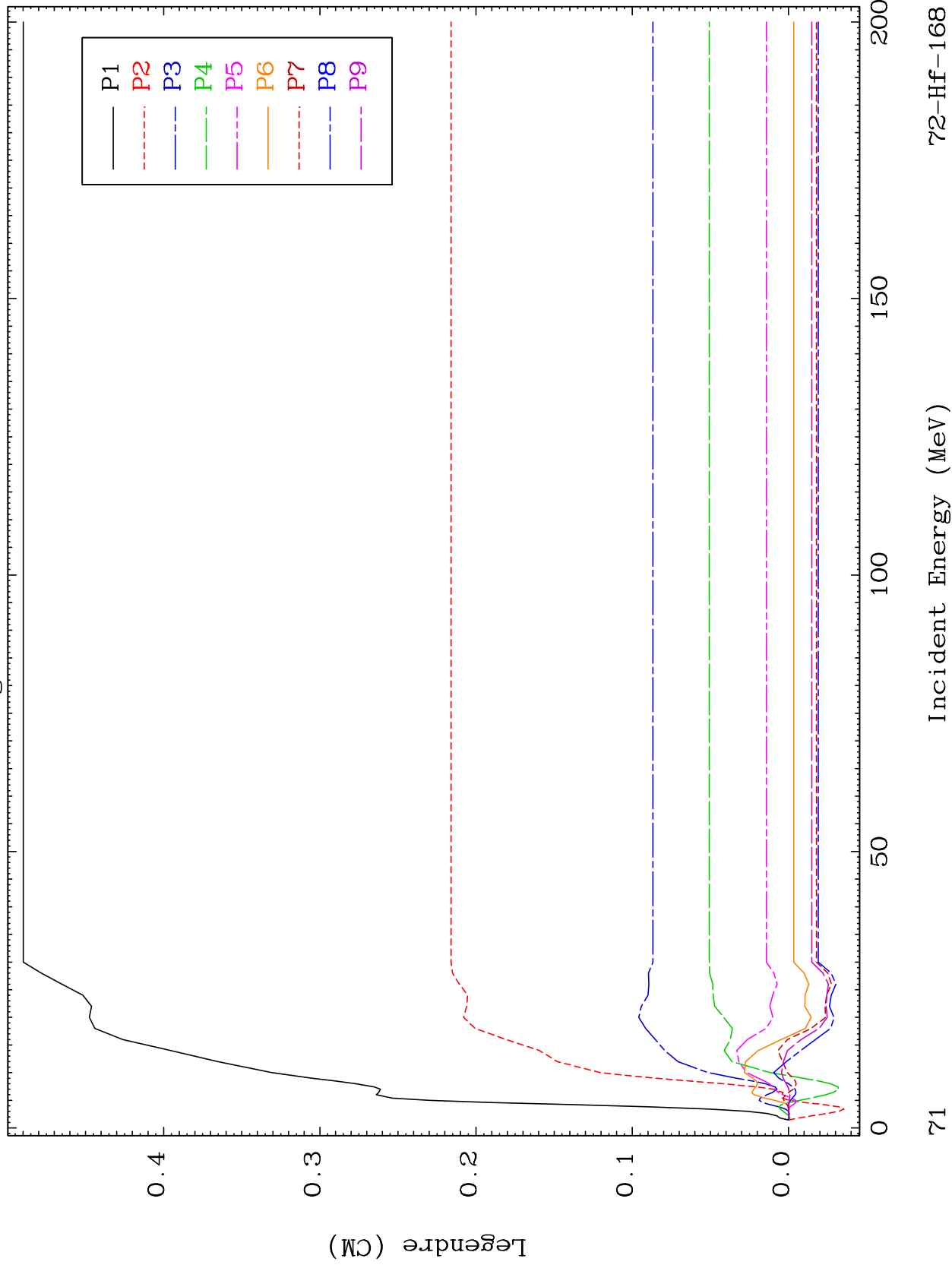
72-Hf-168



MAT 7207

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

72-Hf-168



72-Hf-168

Incident Energy (MeV)

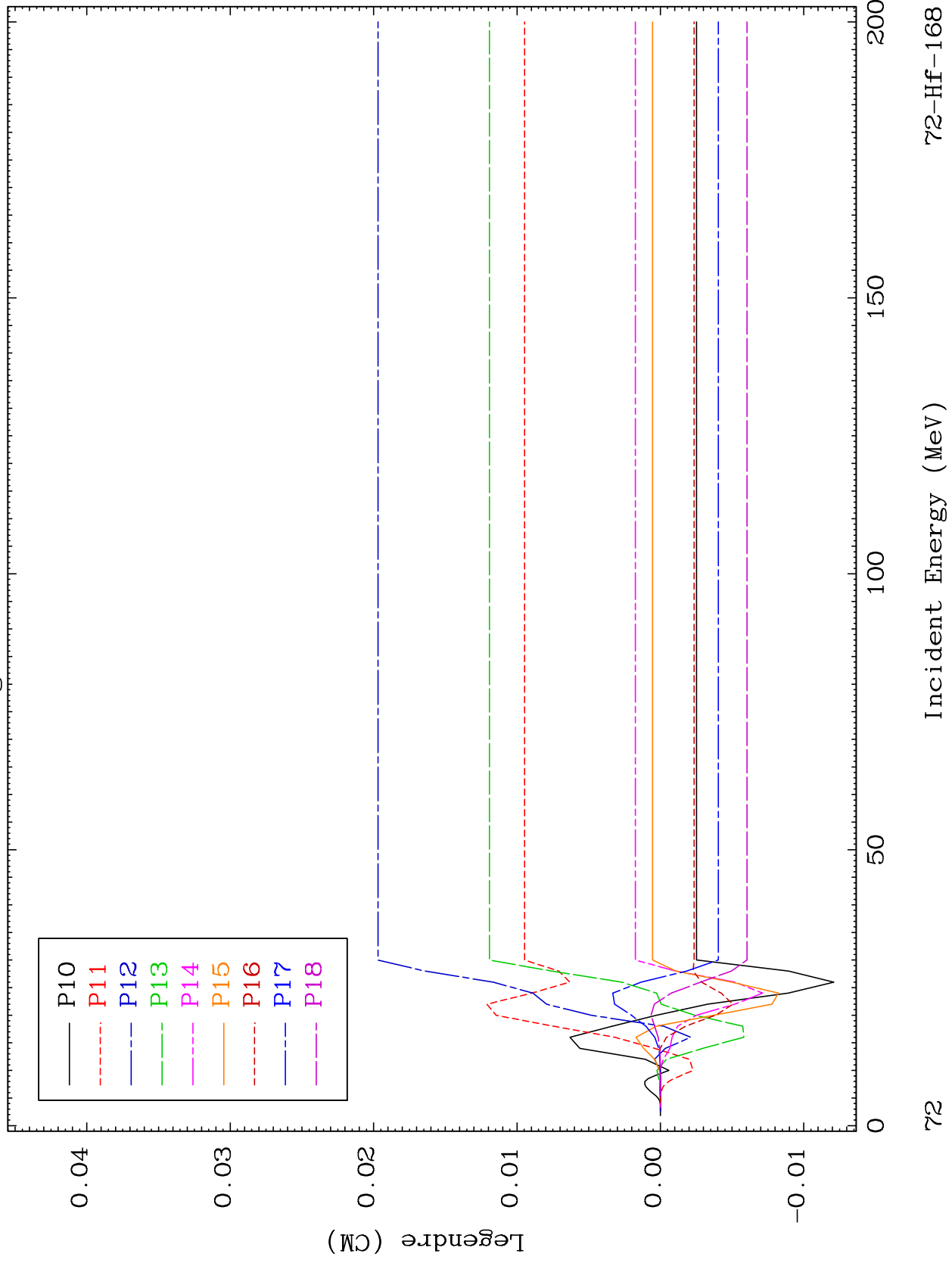
71



MAT 7207

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

72-Hf-168



72-Hf-168

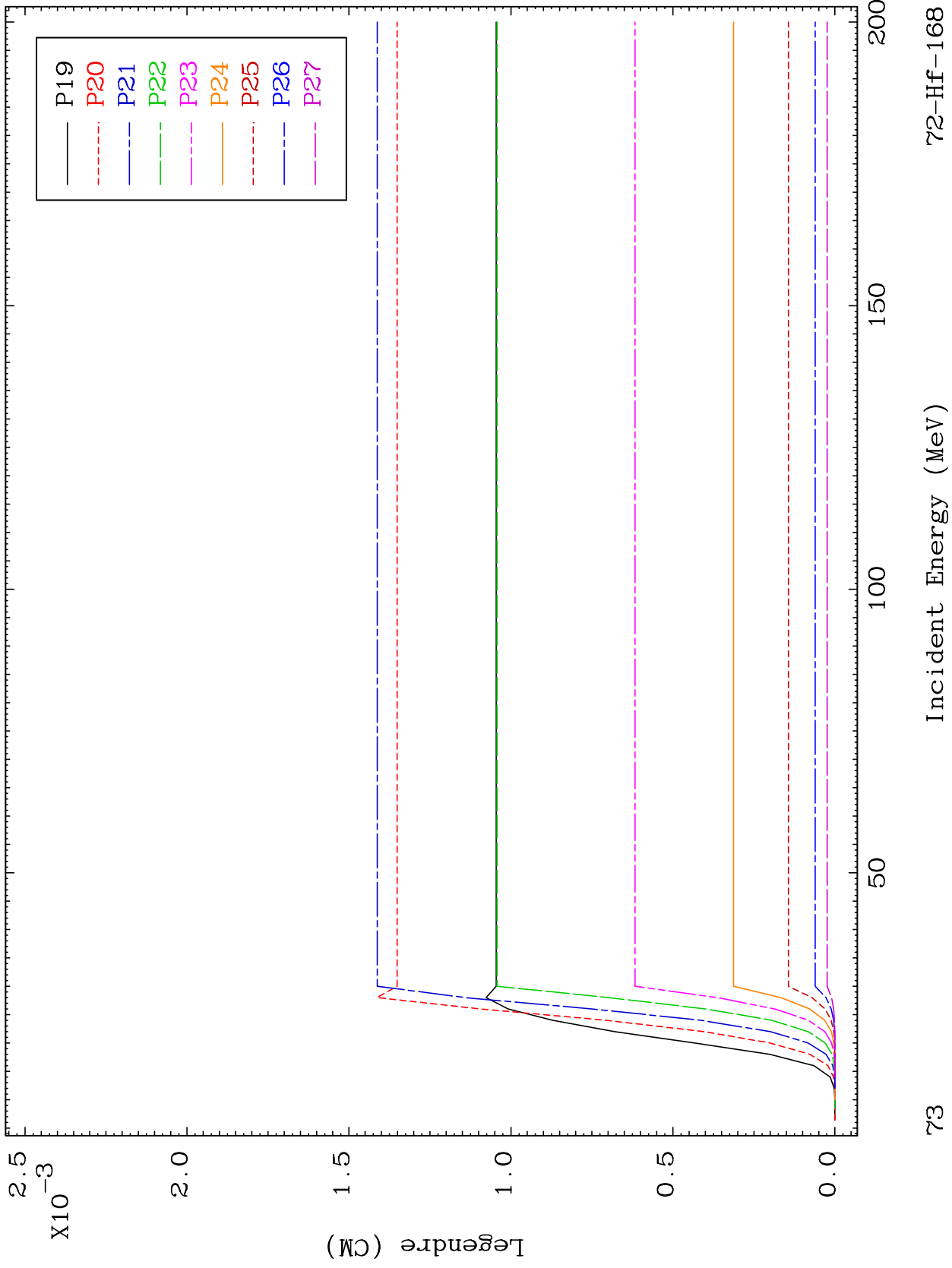
Incident Energy (MeV)

72

MAT 7207

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

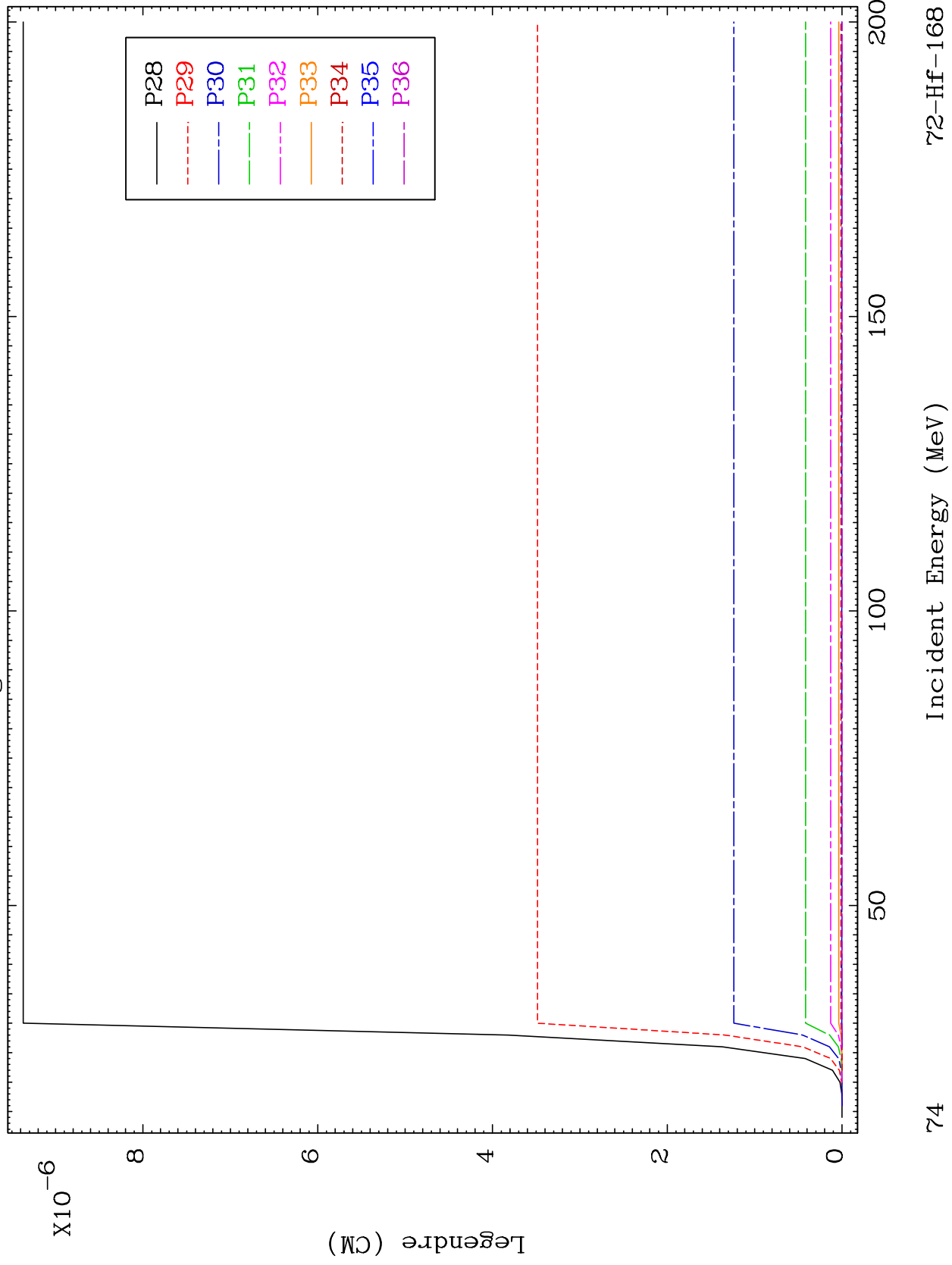
72-Hf-168

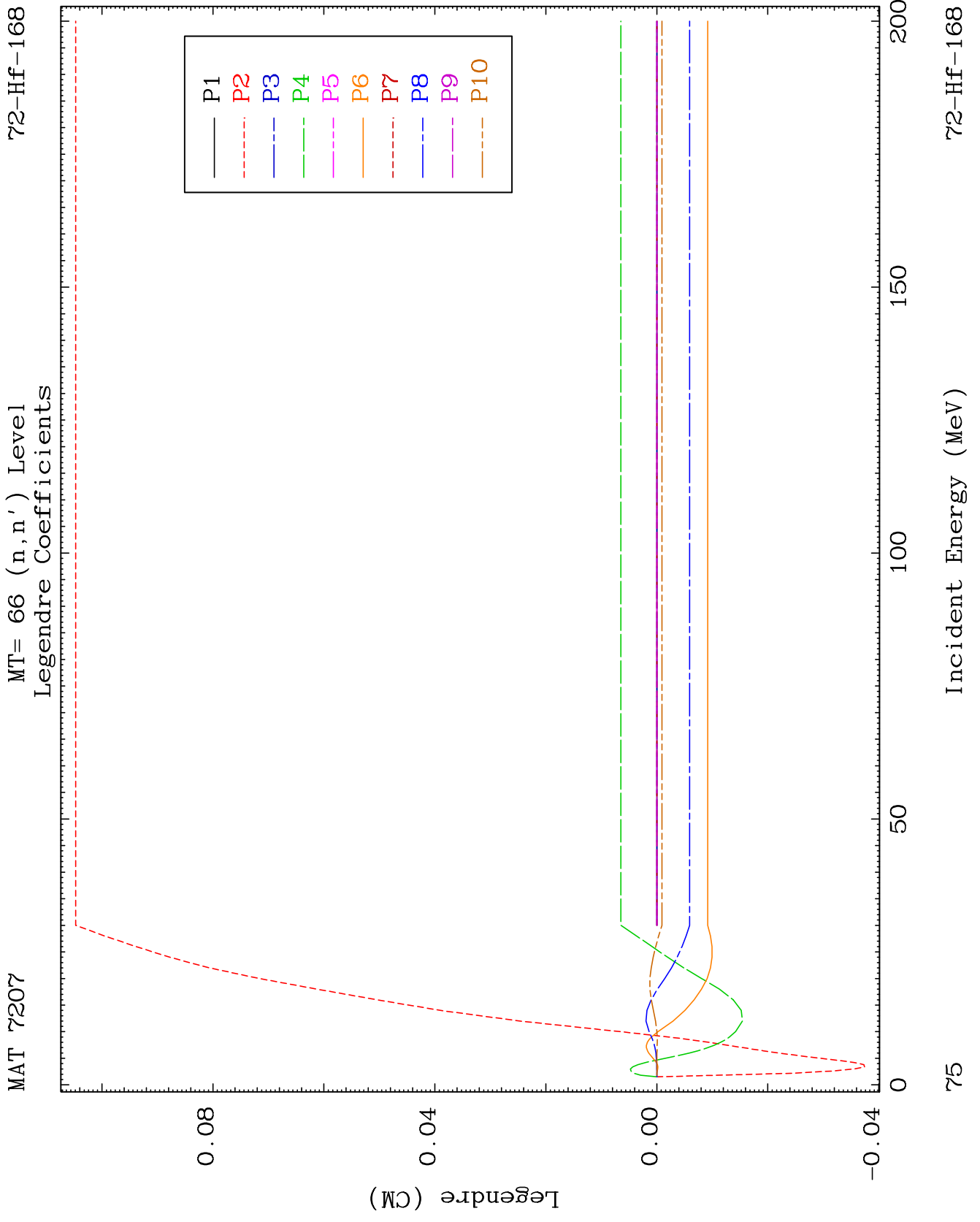


MAT 7207

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

72-Hf-168

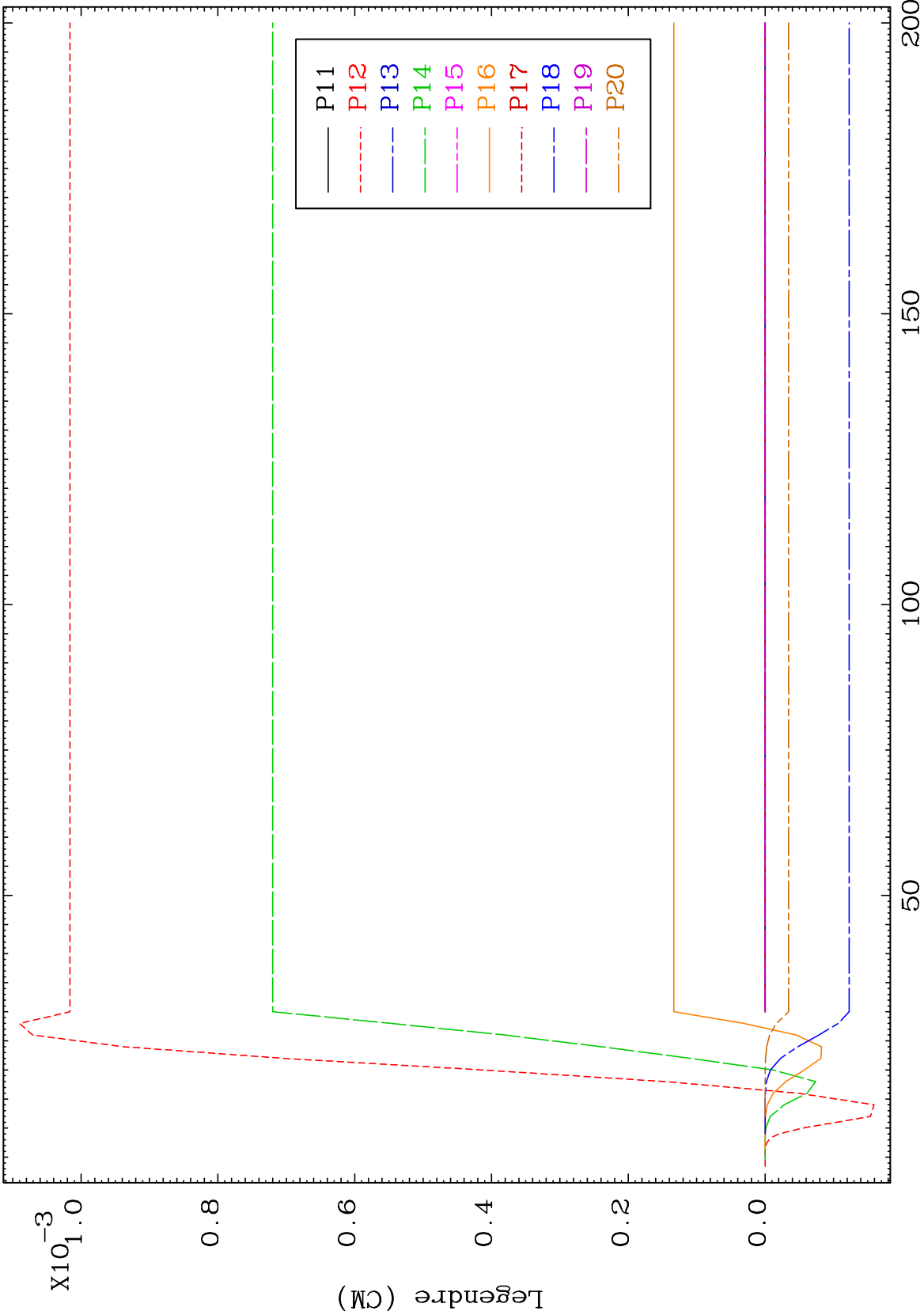




MAT 7207

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

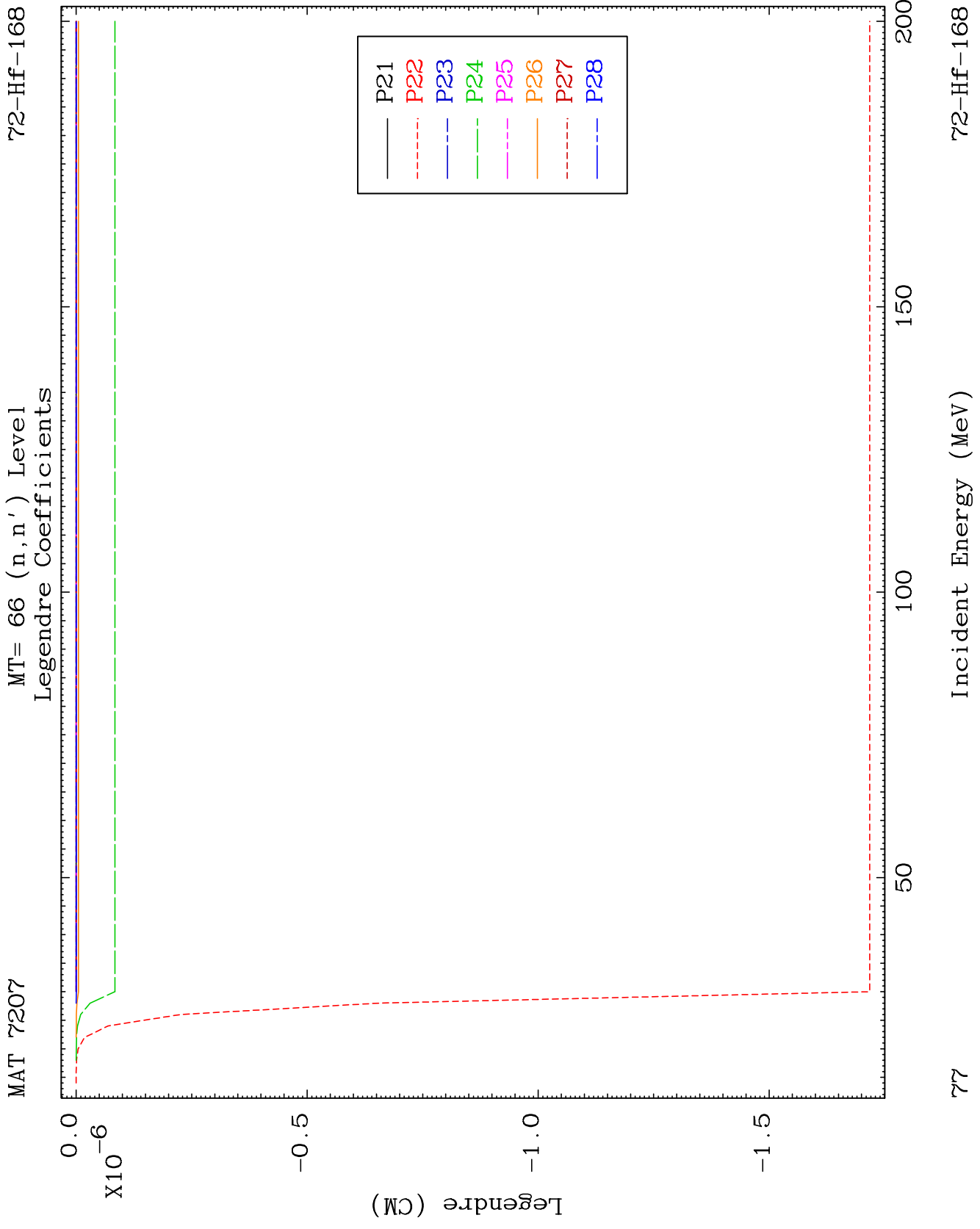
72-Hf-168



76

Incident Energy (MeV)

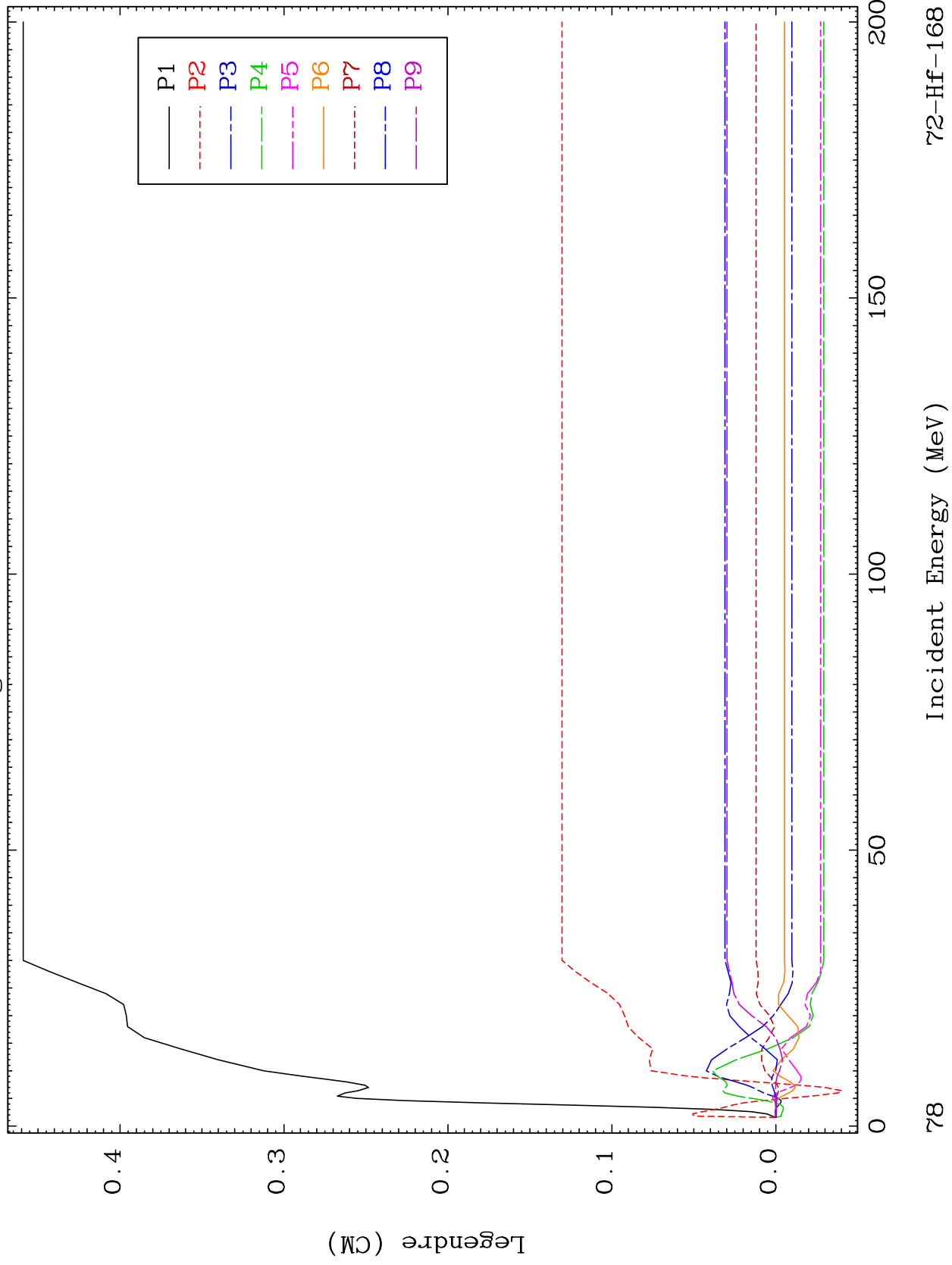
72-Hf-168



MAT 7207

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

72-Hf-168



72-Hf-168

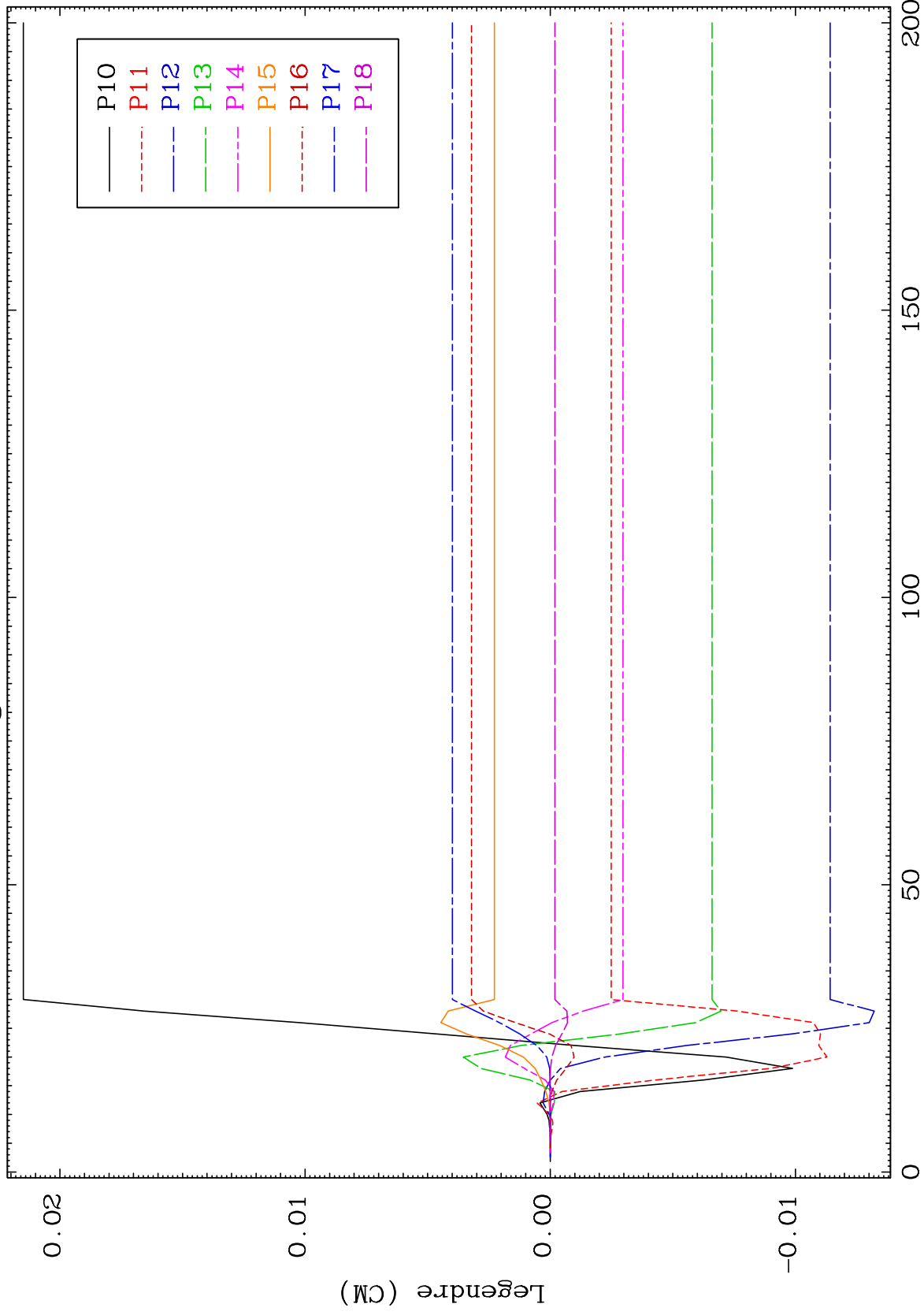
Incident Energy (MeV)

78

MAT 7207

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

72-Hf-168



79

Incident Energy (MeV)

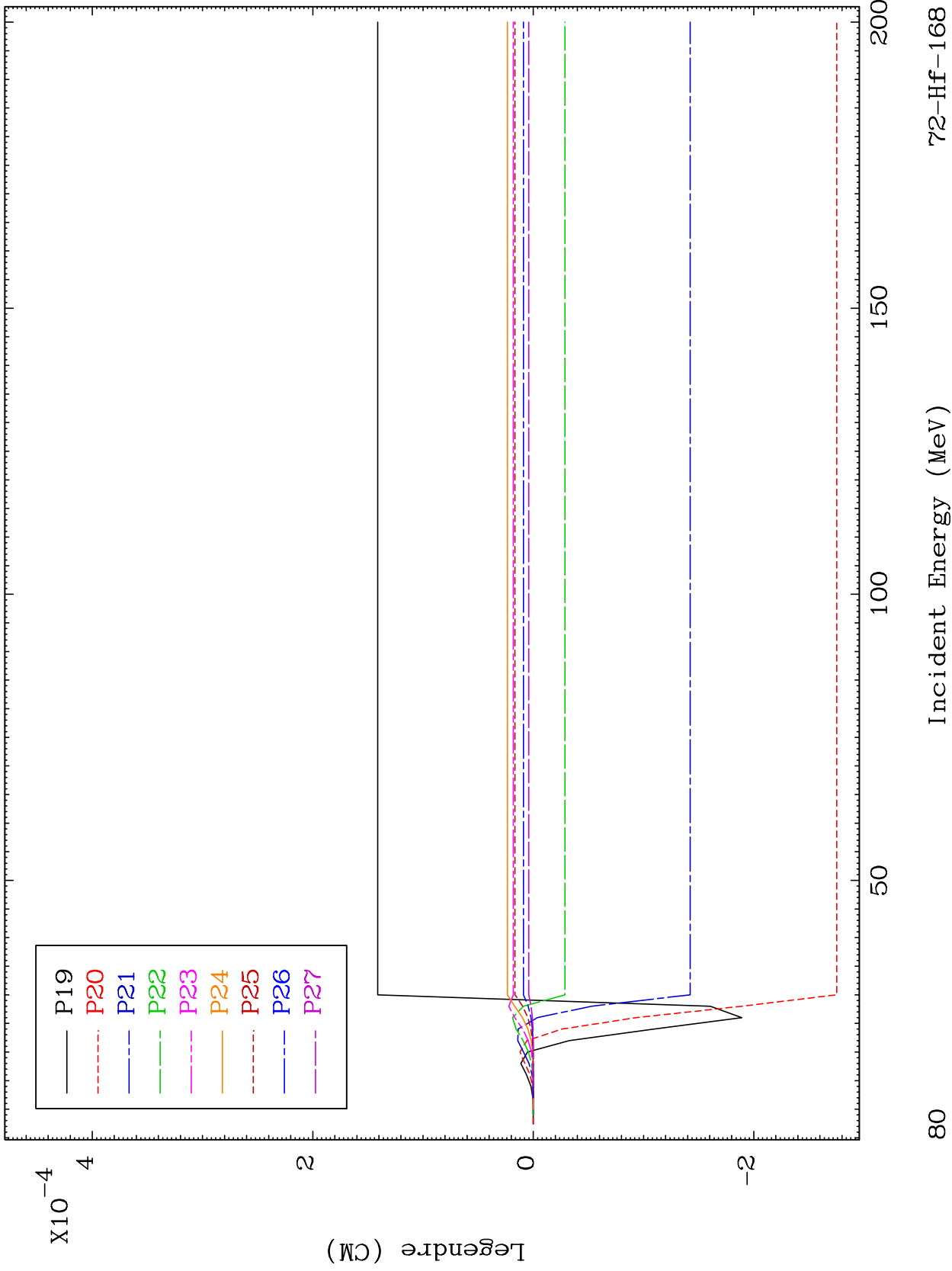
72-Hf-168



MAT 7207

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

72-Hf-168



80

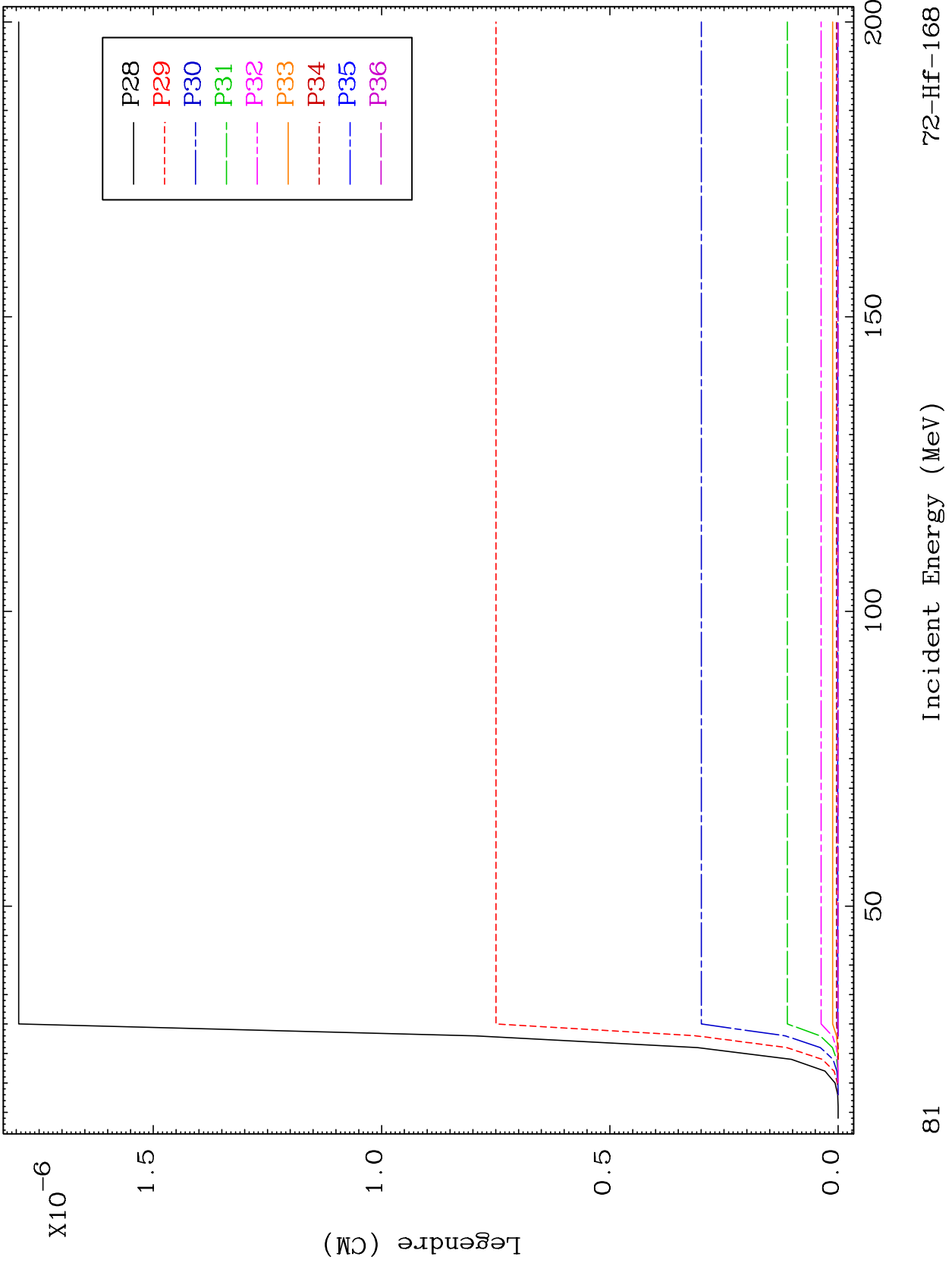
Incident Energy (MeV)

72-Hf-168

MAT 7207

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

72-Hf-168

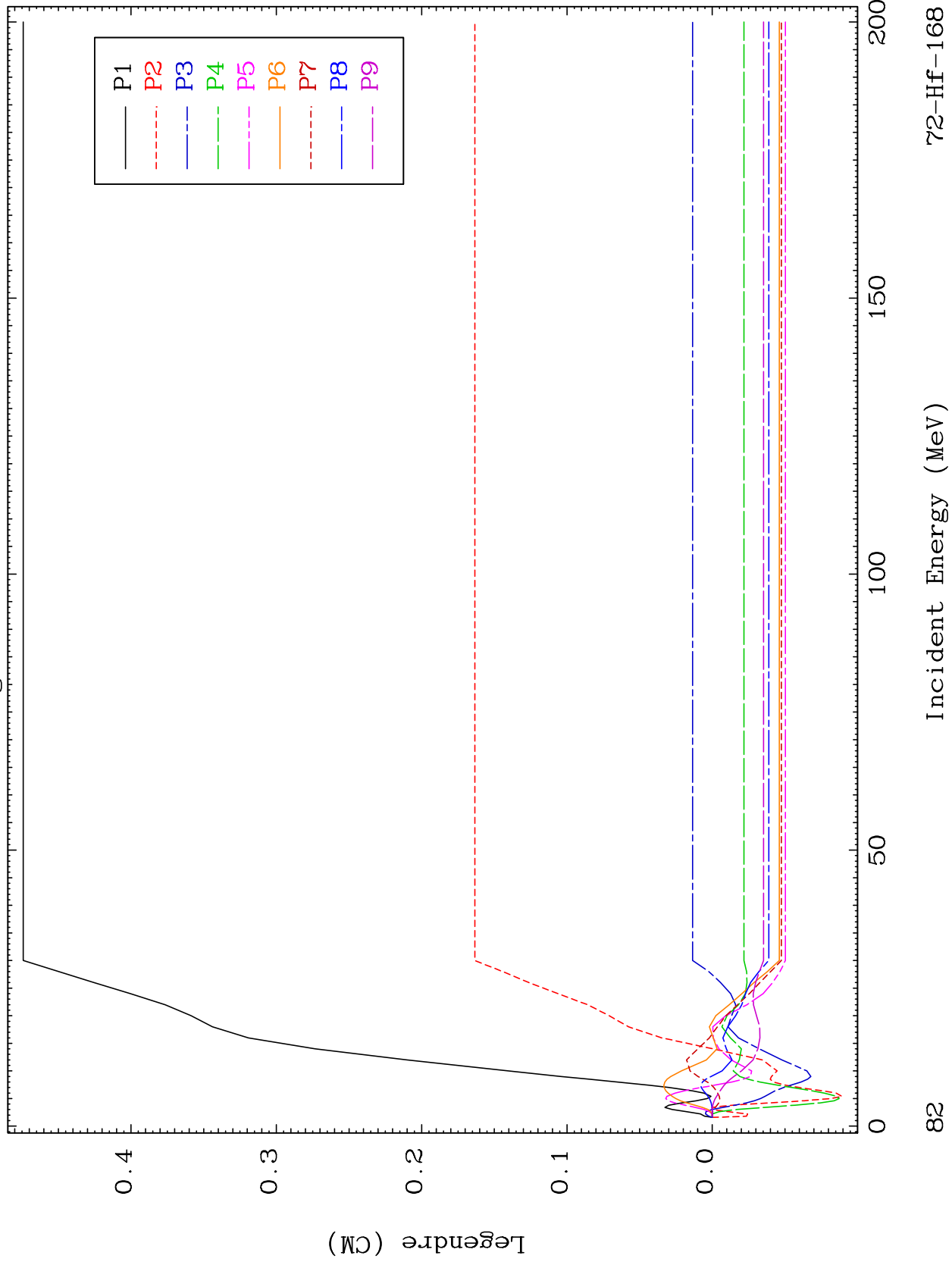


81

MAT 7207

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

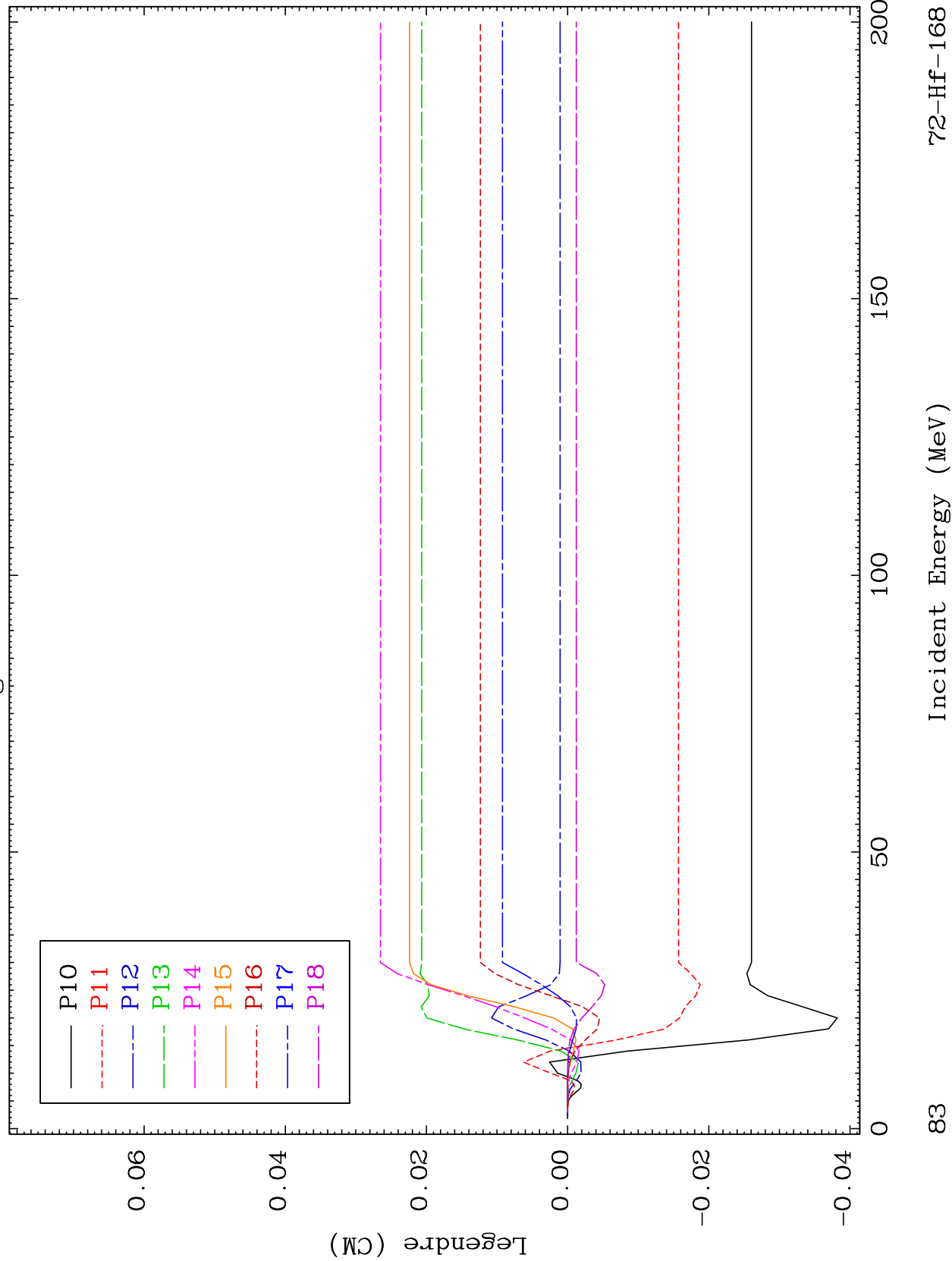
72-Hf-168



72-Hf-168

Incident Energy (MeV)

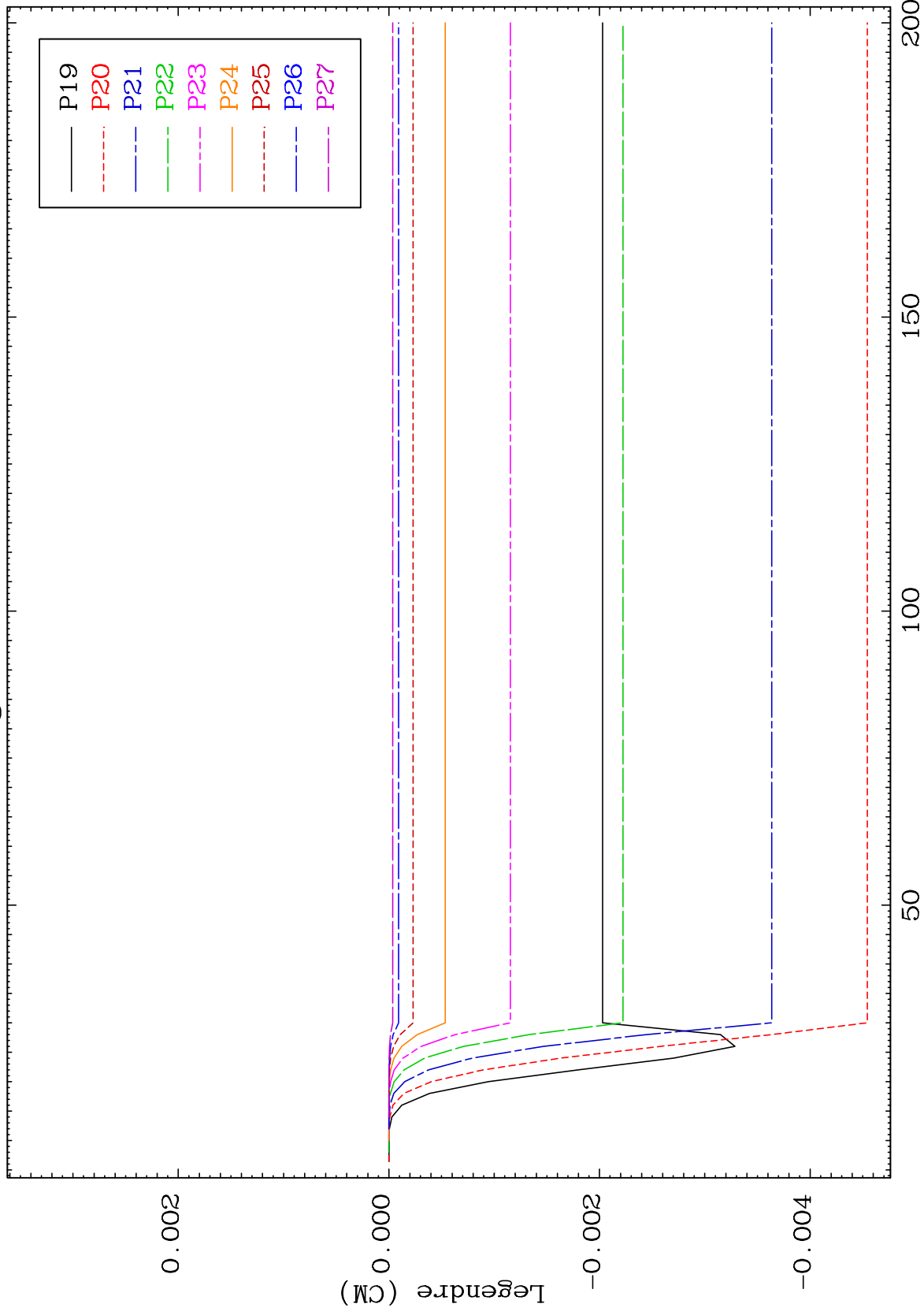
82



MAT 7207

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

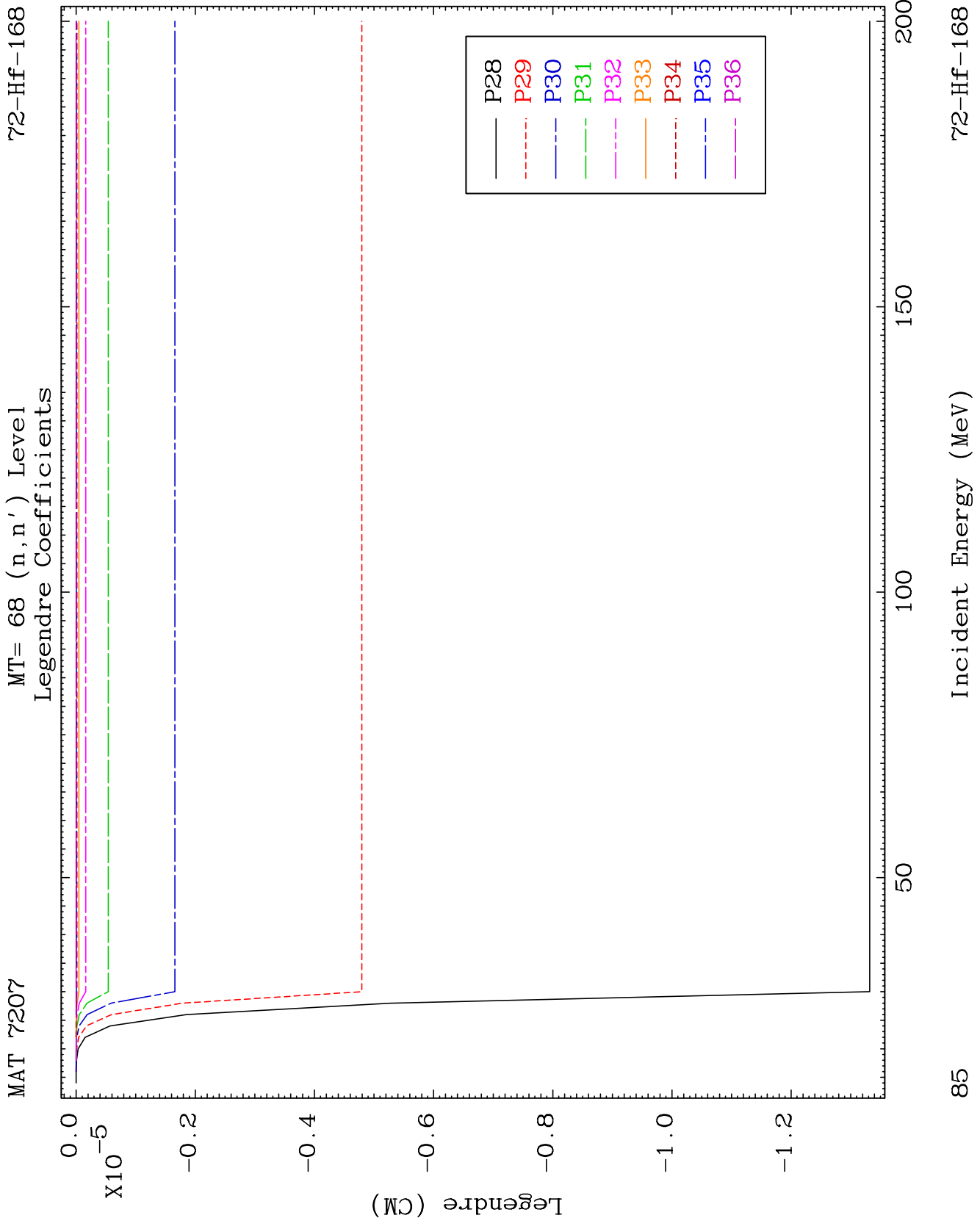
72-Hf-168



84

Incident Energy (MeV)

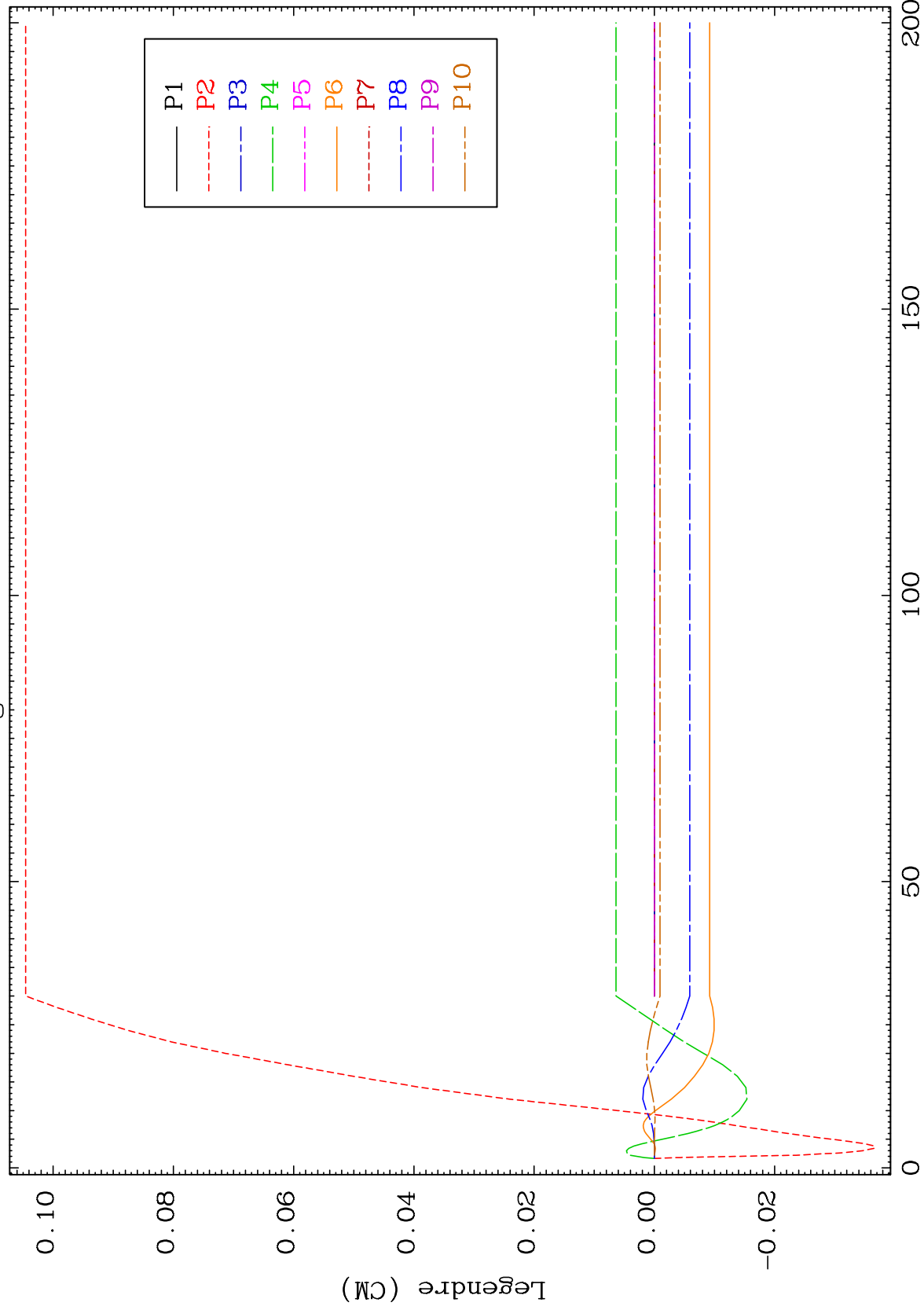
72-Hf-168



MAT 7207

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

72-Hf-168



72-Hf-168

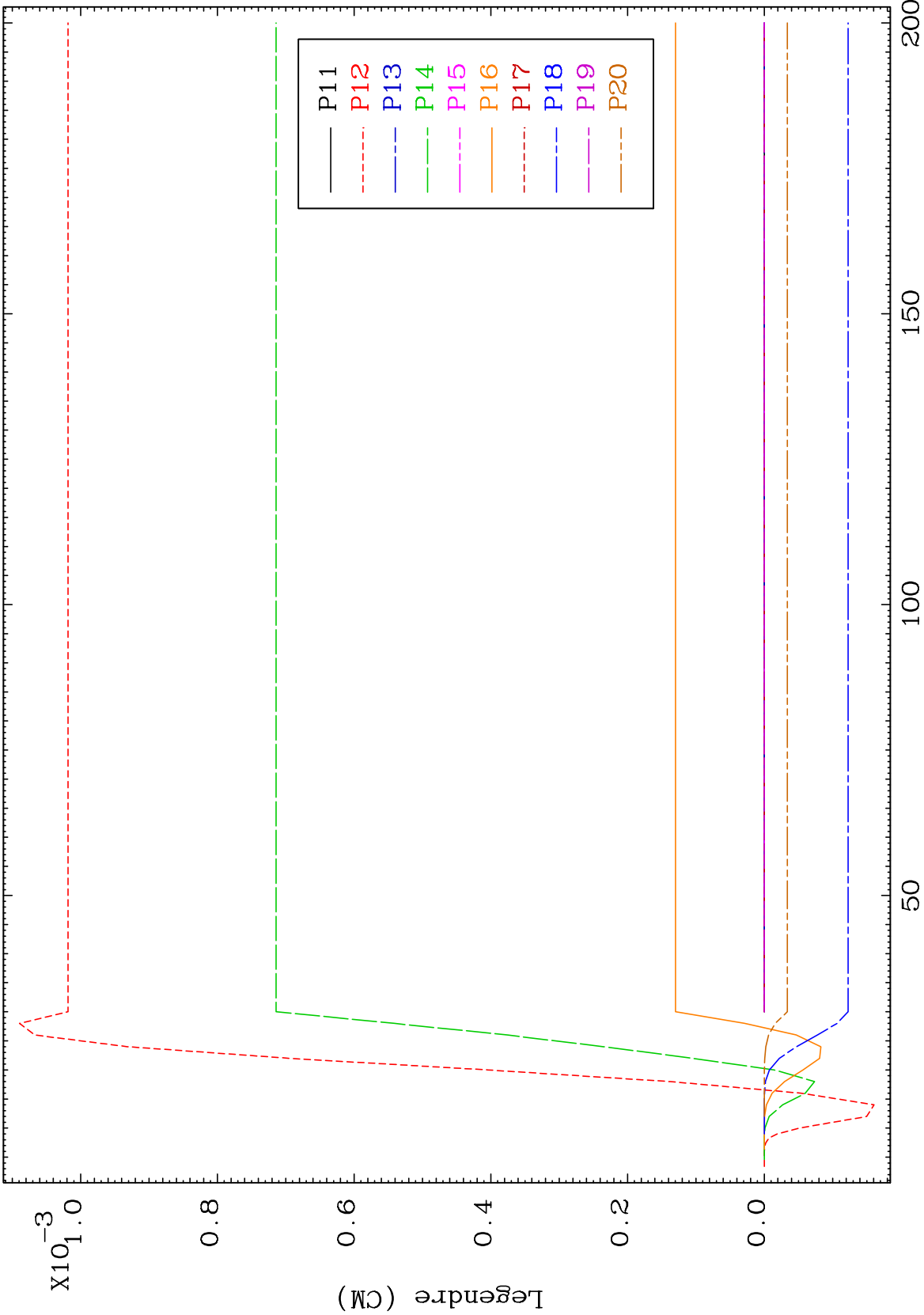
Incident Energy (MeV)

86

MAT 7207

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

72-Hf-168

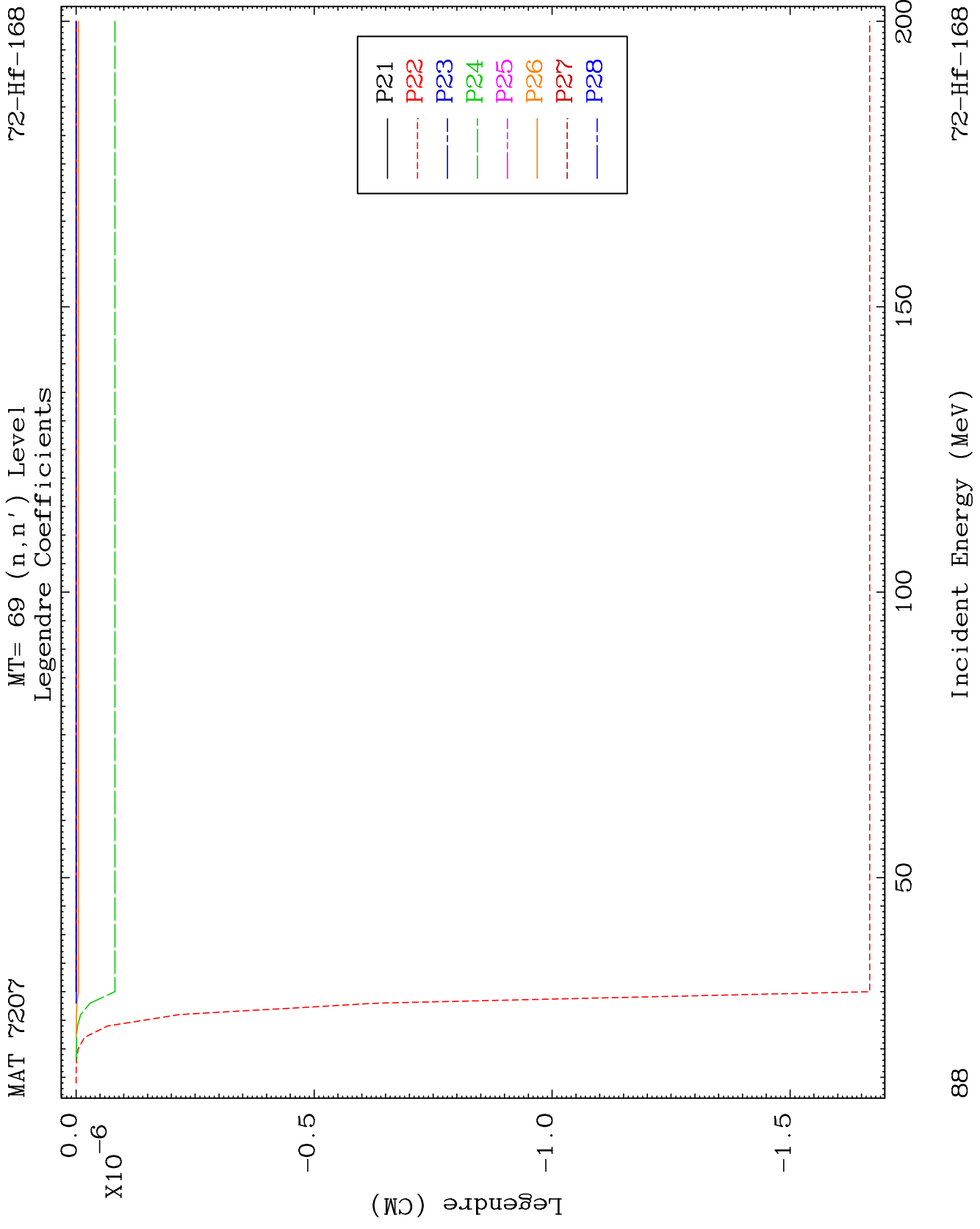


87

Incident Energy (MeV)

72-Hf-168

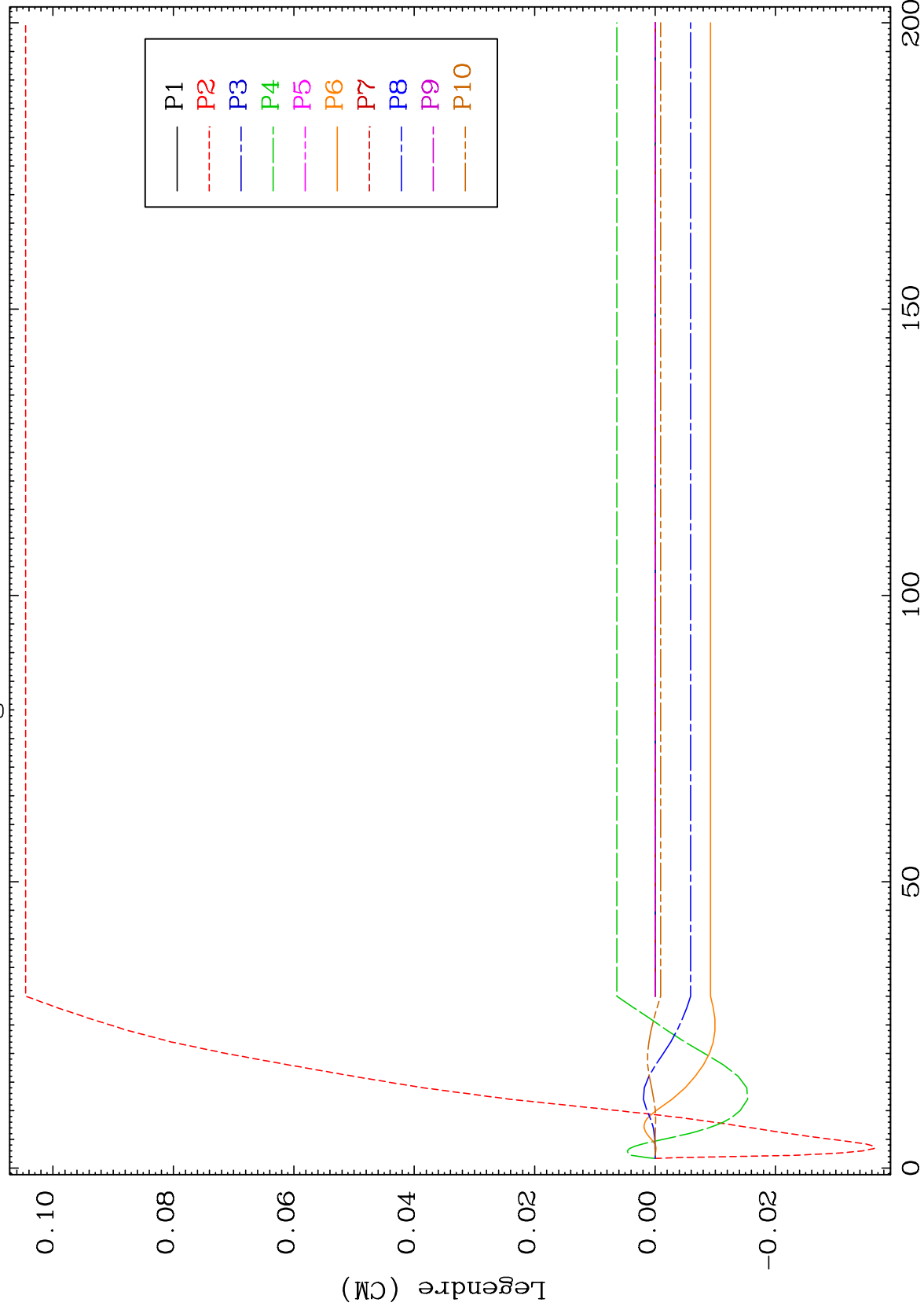




MAT 7207

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

72-Hf-168



89

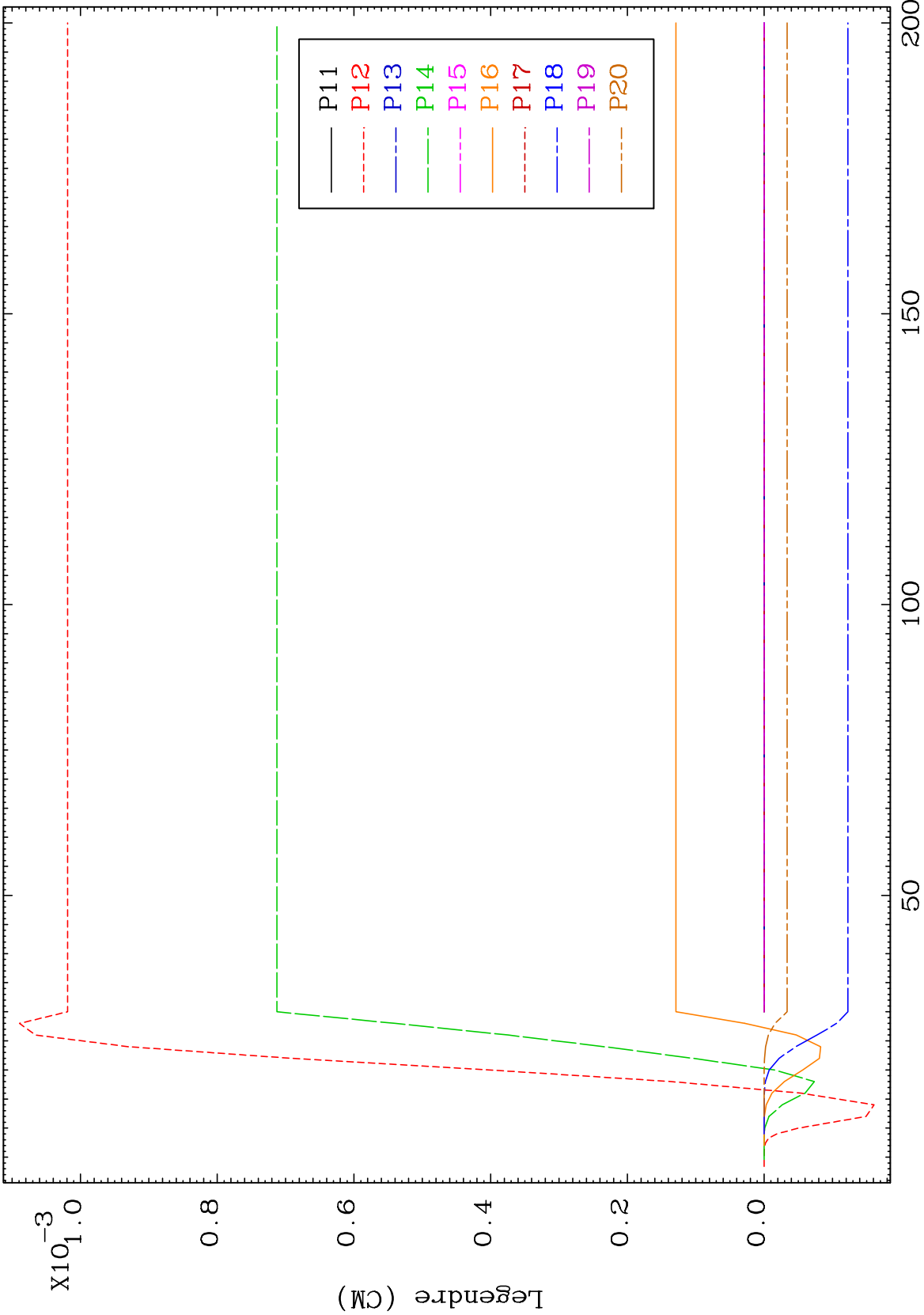
Incident Energy (MeV)

72-Hf-168

MAT 7207

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

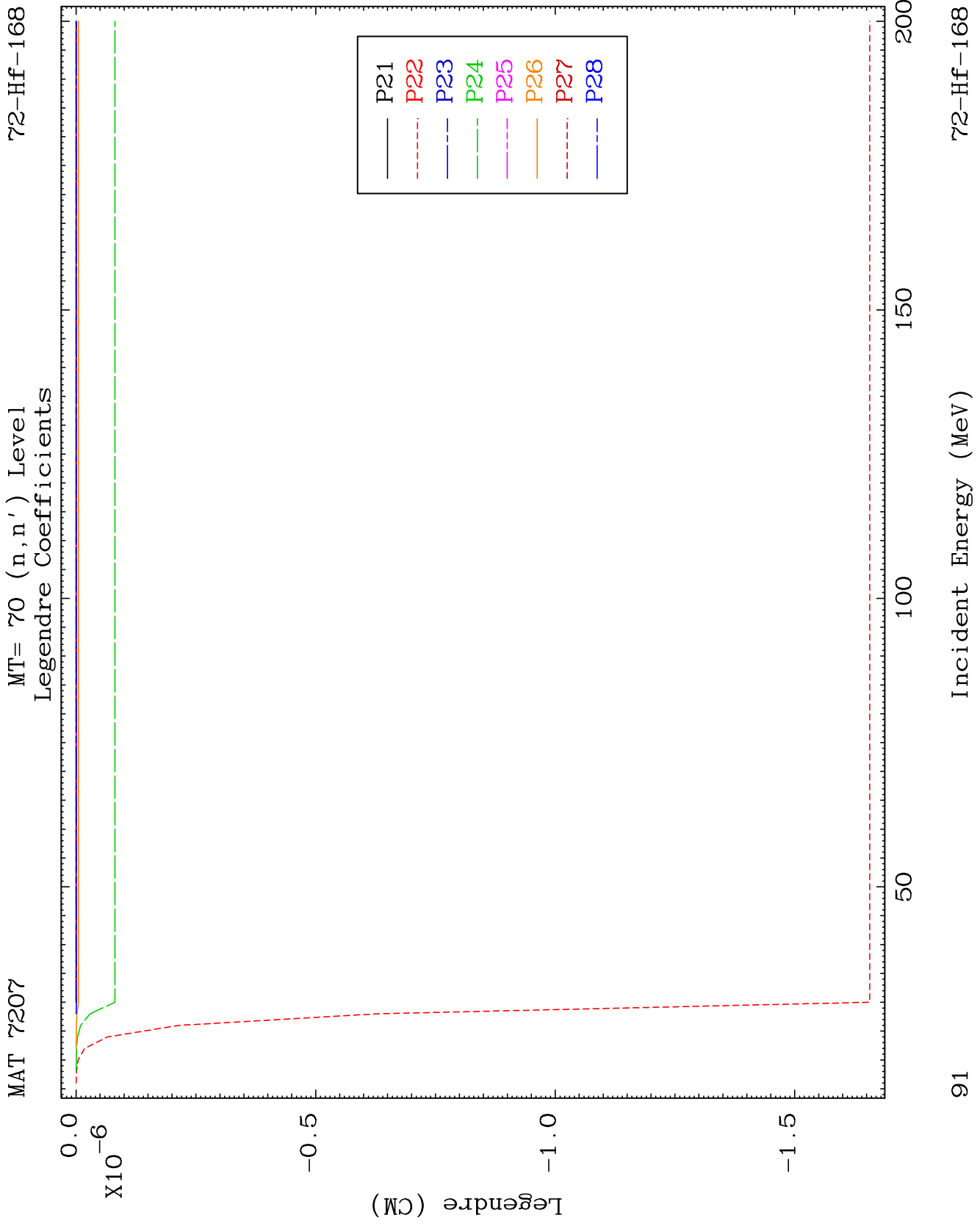
72-Hf-168



90

Incident Energy (MeV)

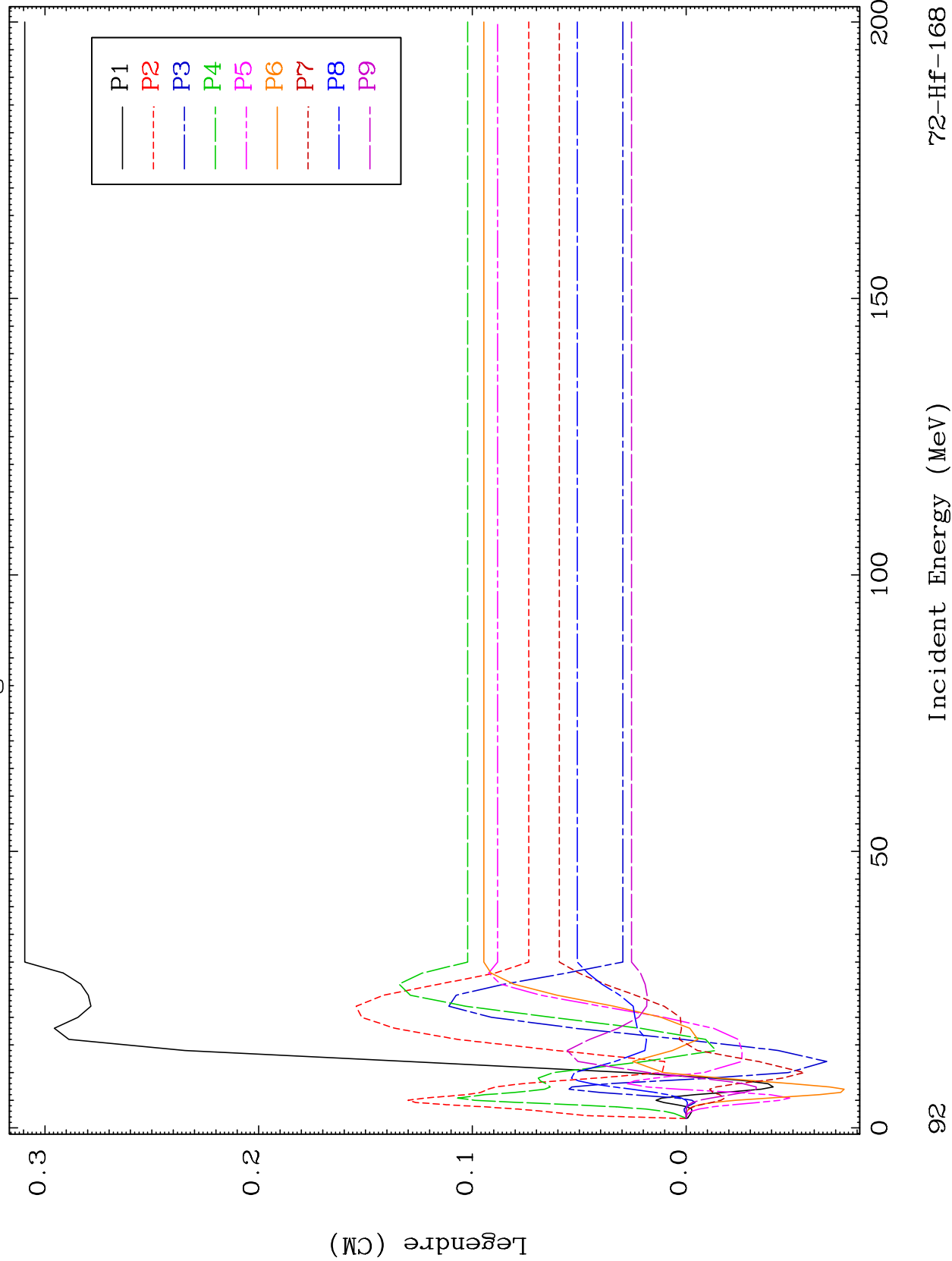
72-Hf-168



MAT 7207

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

72-Hf-168



72-Hf-168

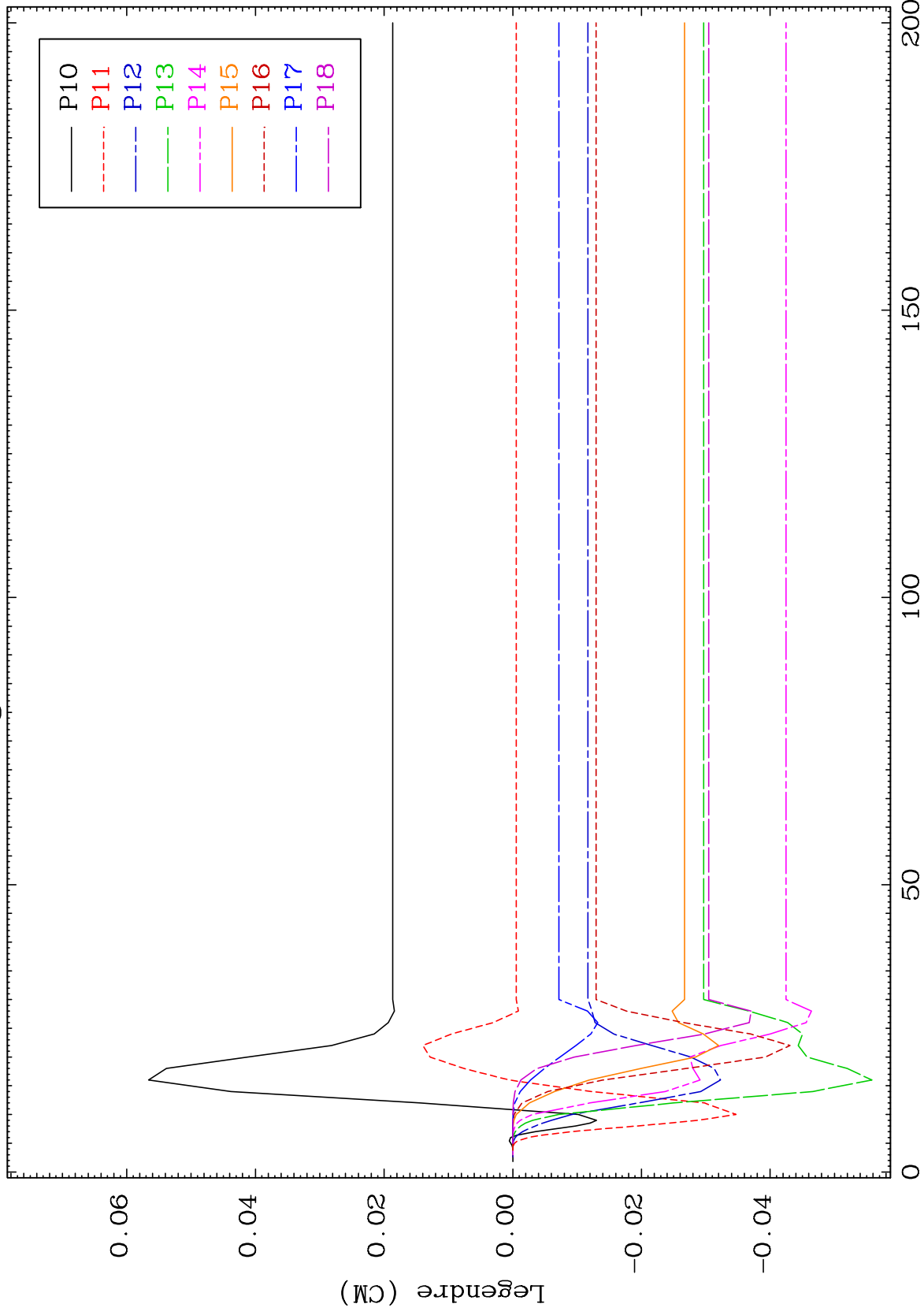
Incident Energy (MeV)

92

MAT 7207

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

72-Hf-168



93

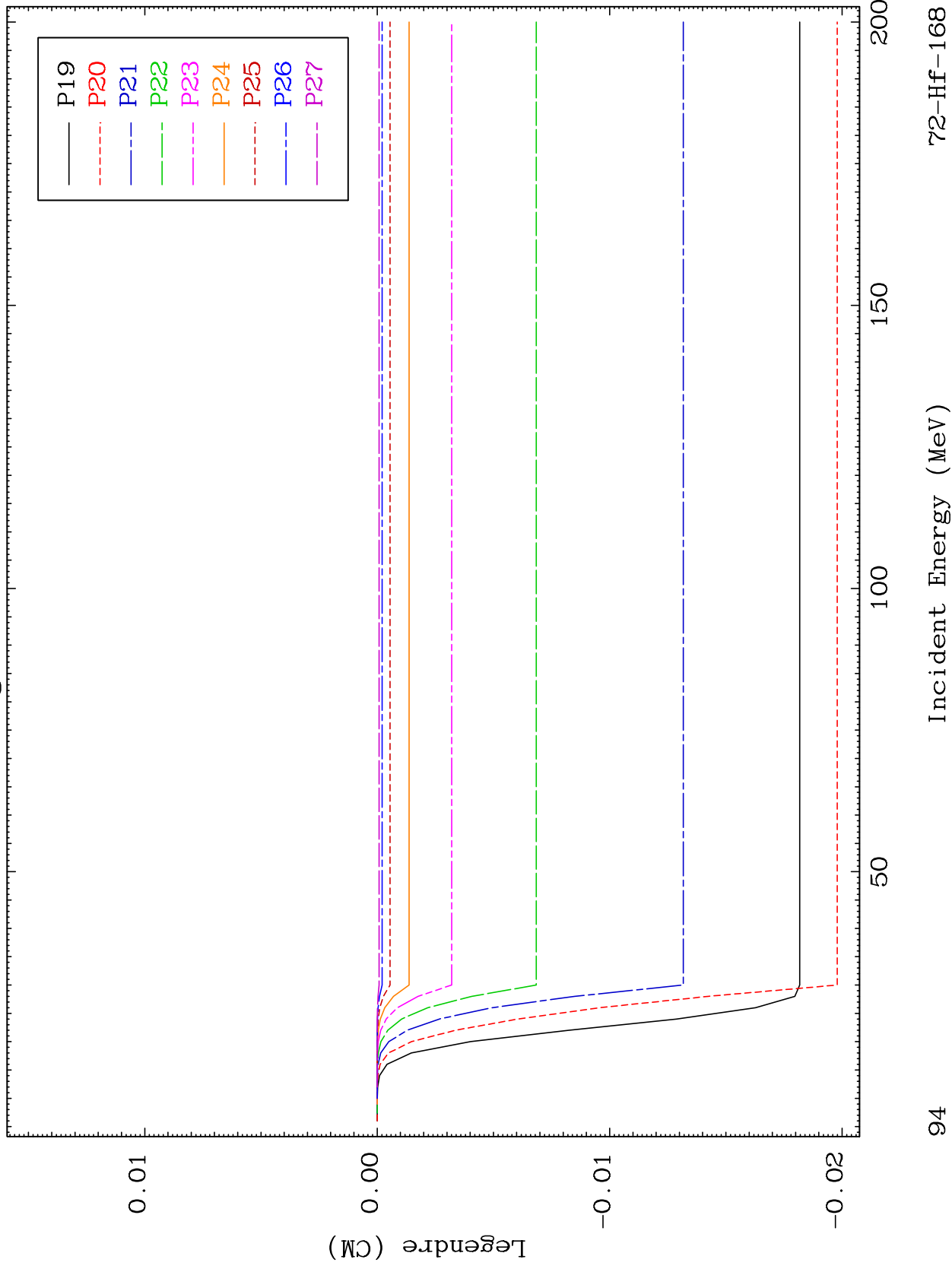
Incident Energy (MeV)

72-Hf-168

MAT 7207

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

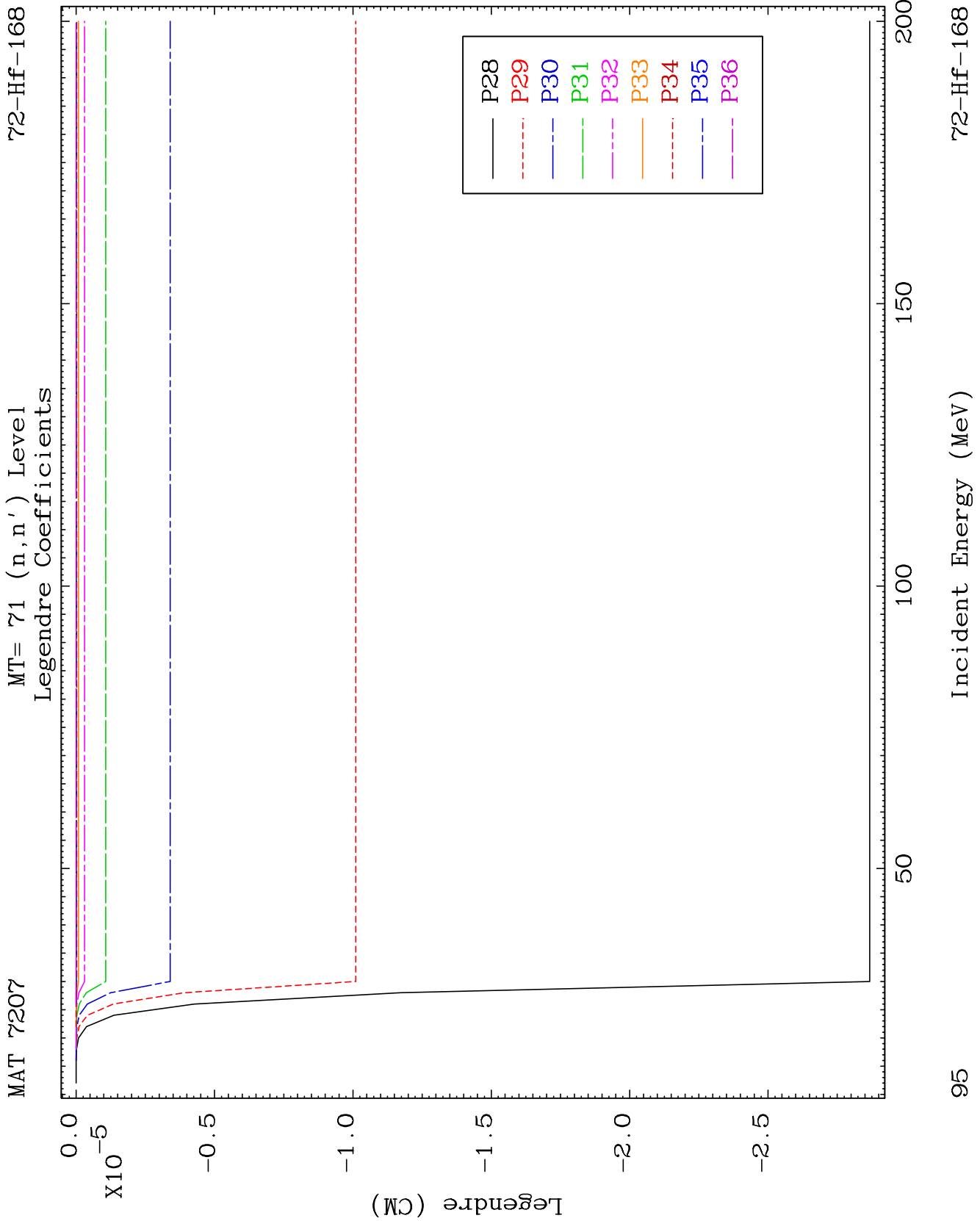
72-Hf-168



94

Incident Energy (MeV)

72-Hf-168

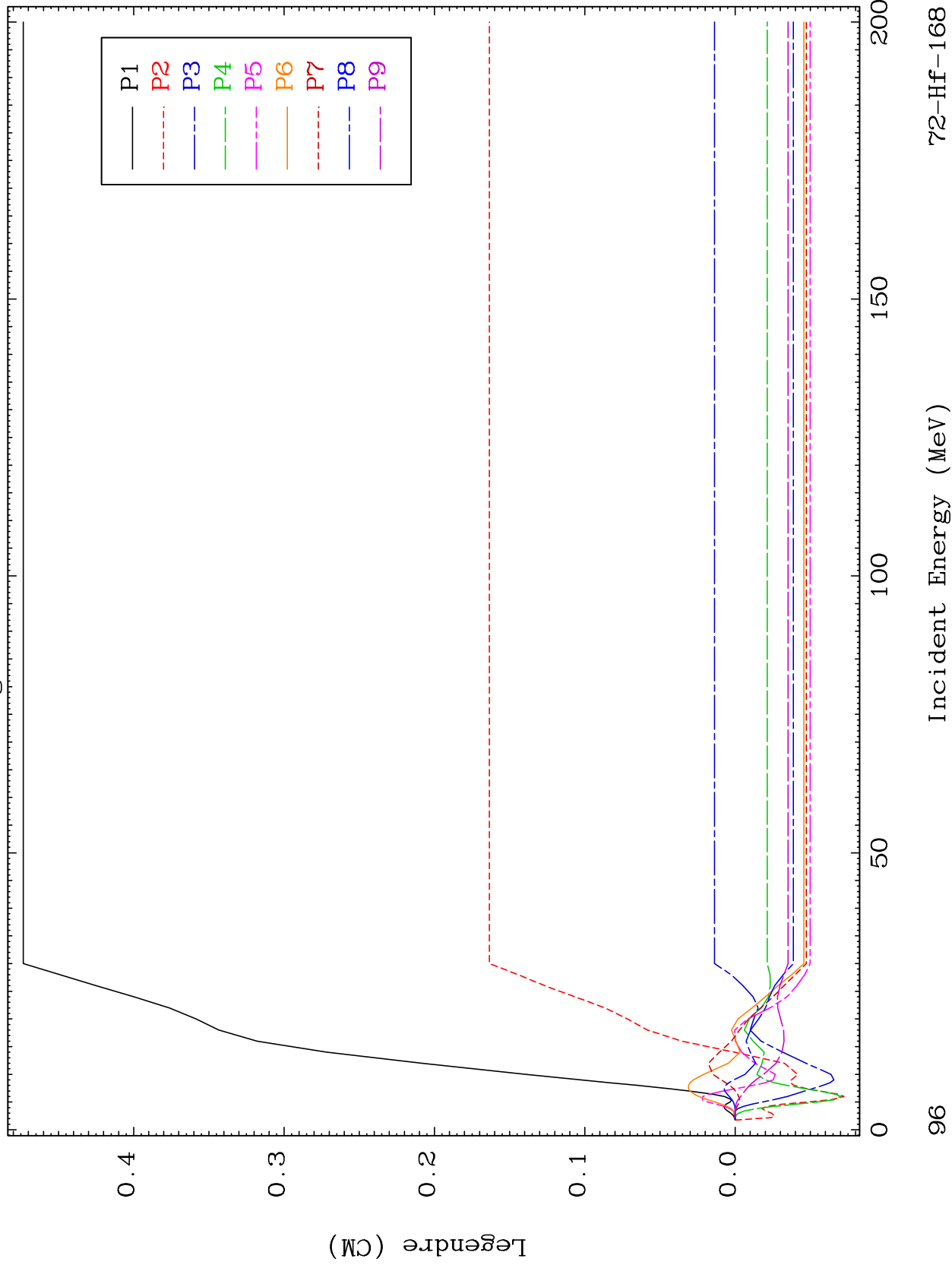




MAT 7207

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

72-Hf-168



72-Hf-168

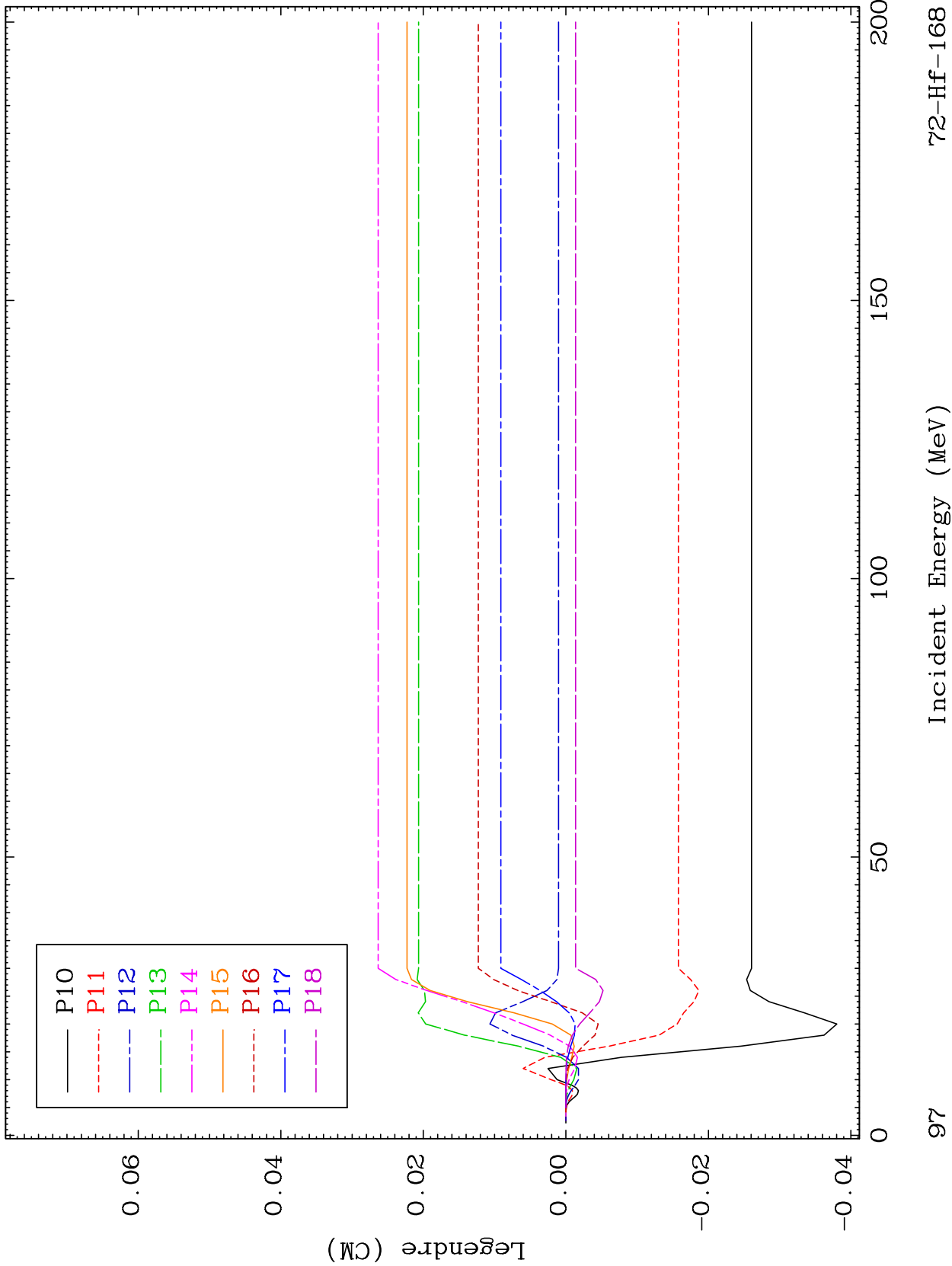
Incident Energy (MeV)

96

MAT 7207

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

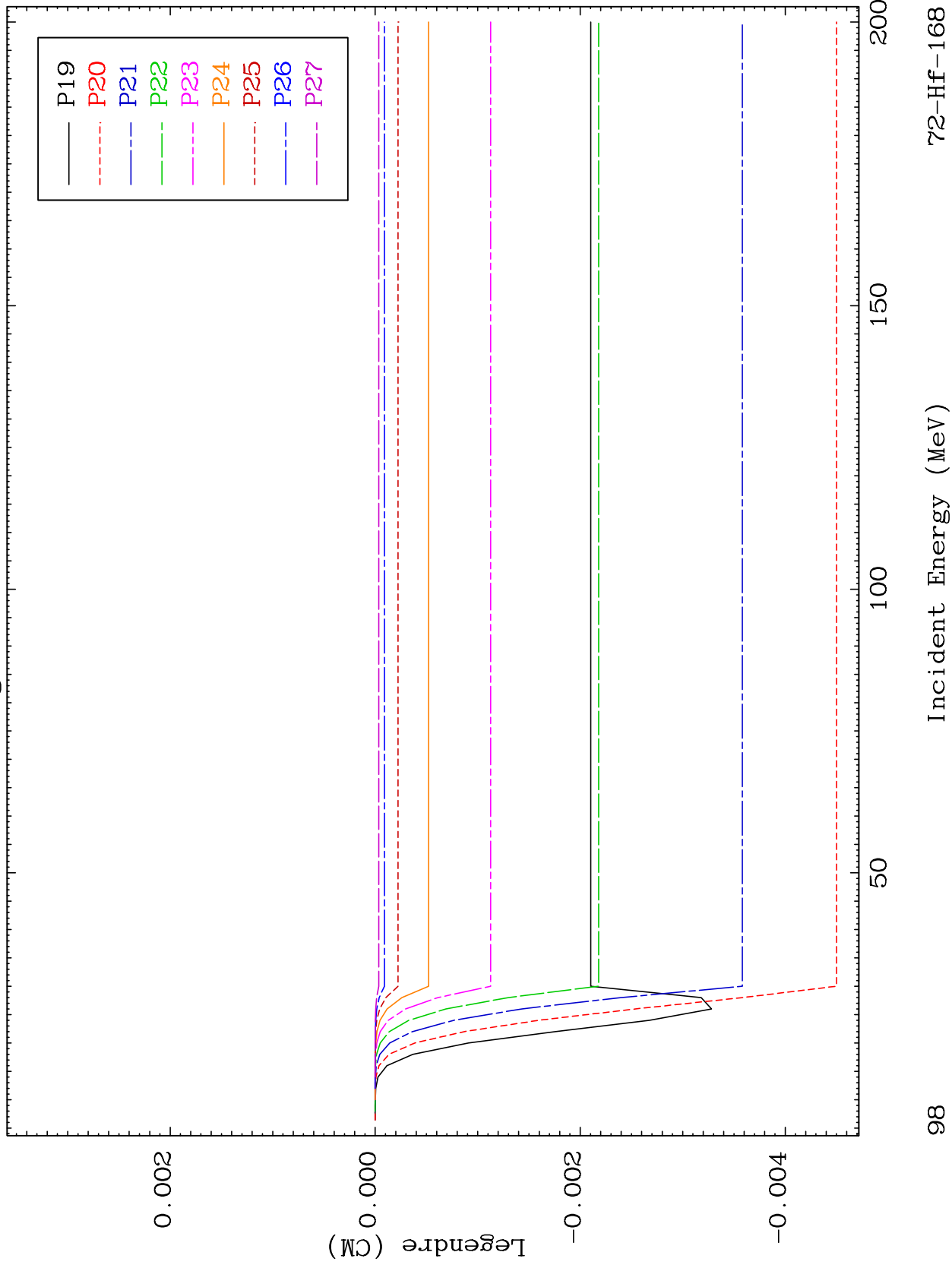
72-Hf-168



MAT 7207

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

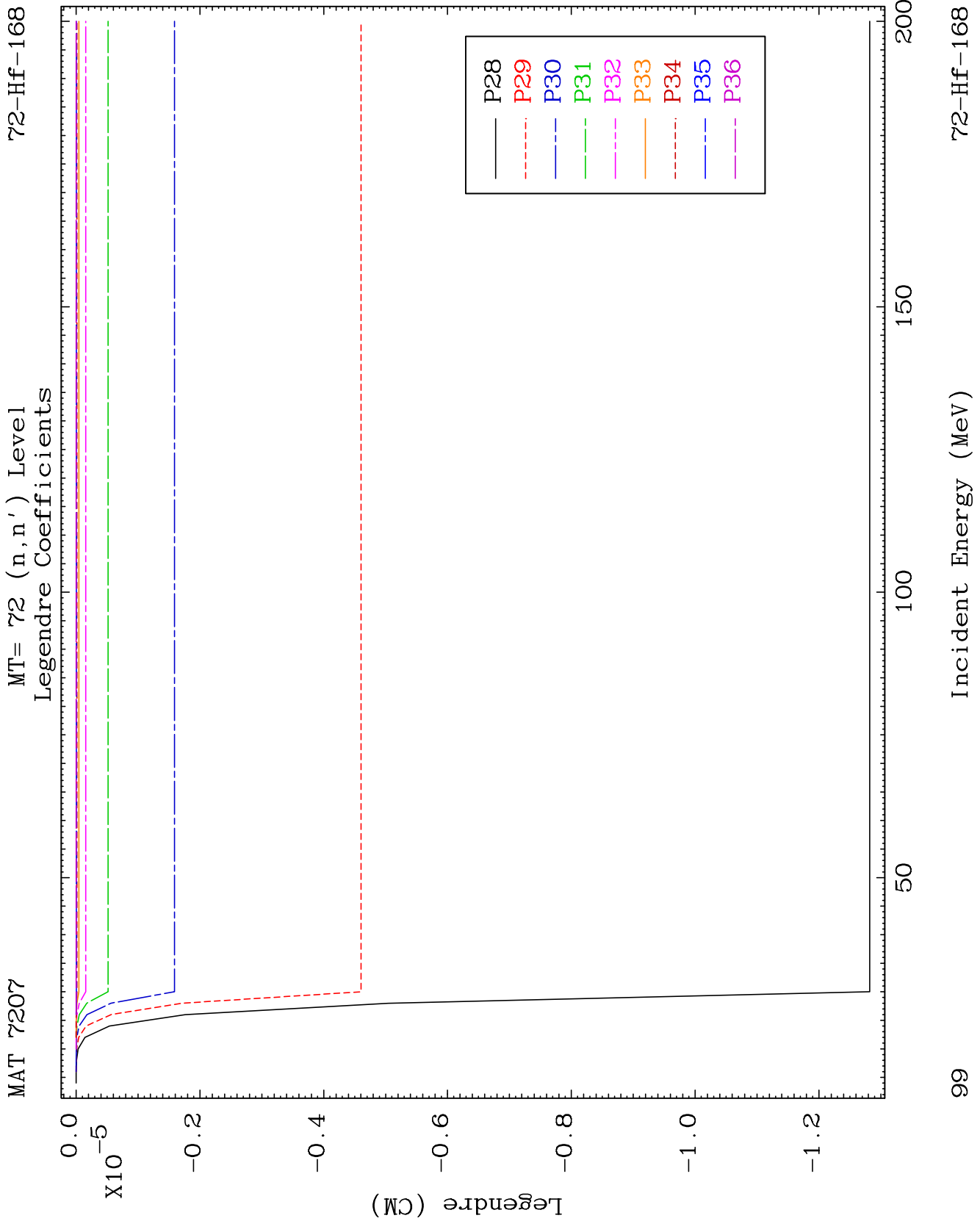
72-Hf-168



98

Incident Energy (MeV)

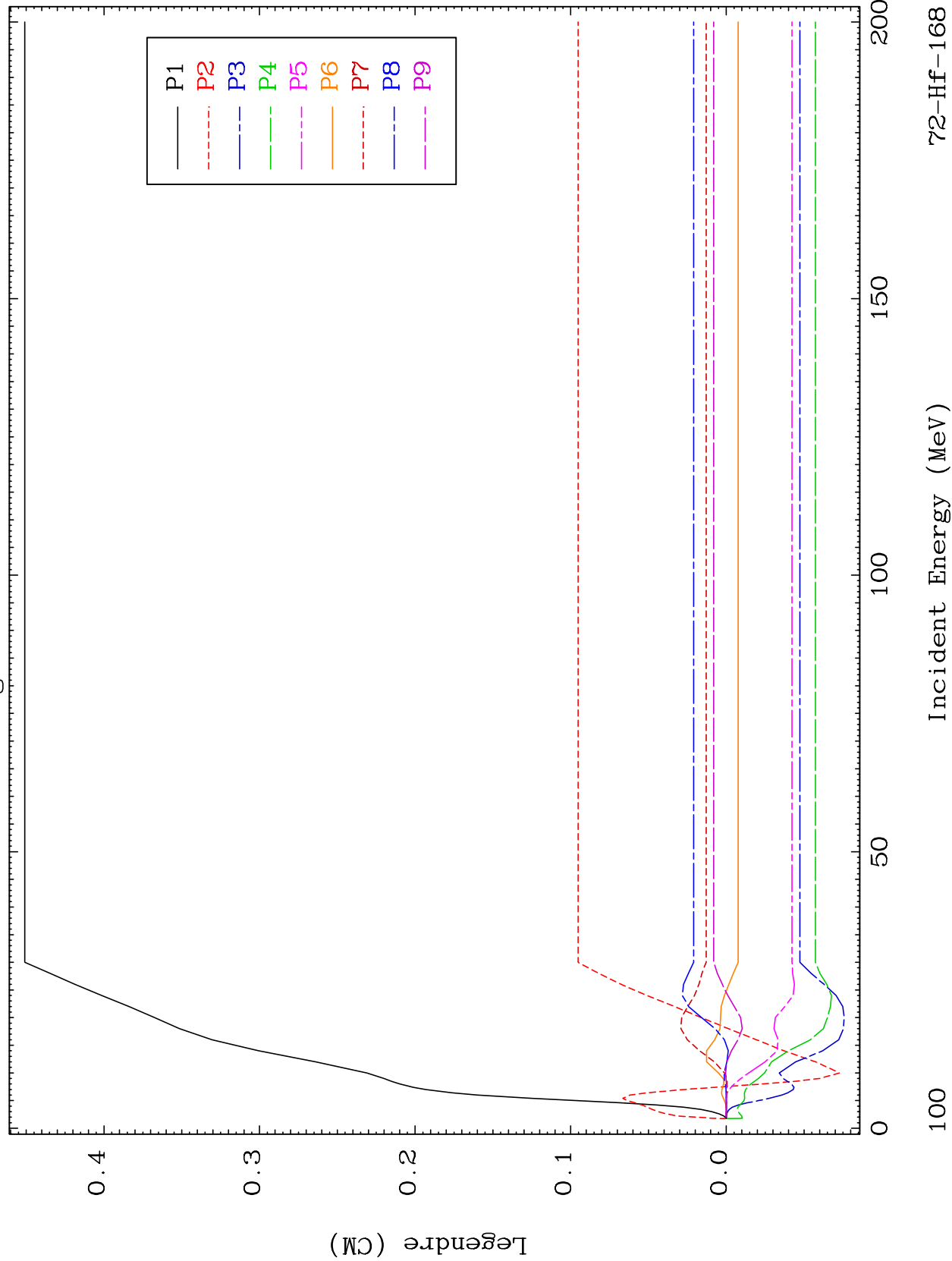
72-Hf-168



MAT 7207

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

72-Hf-168



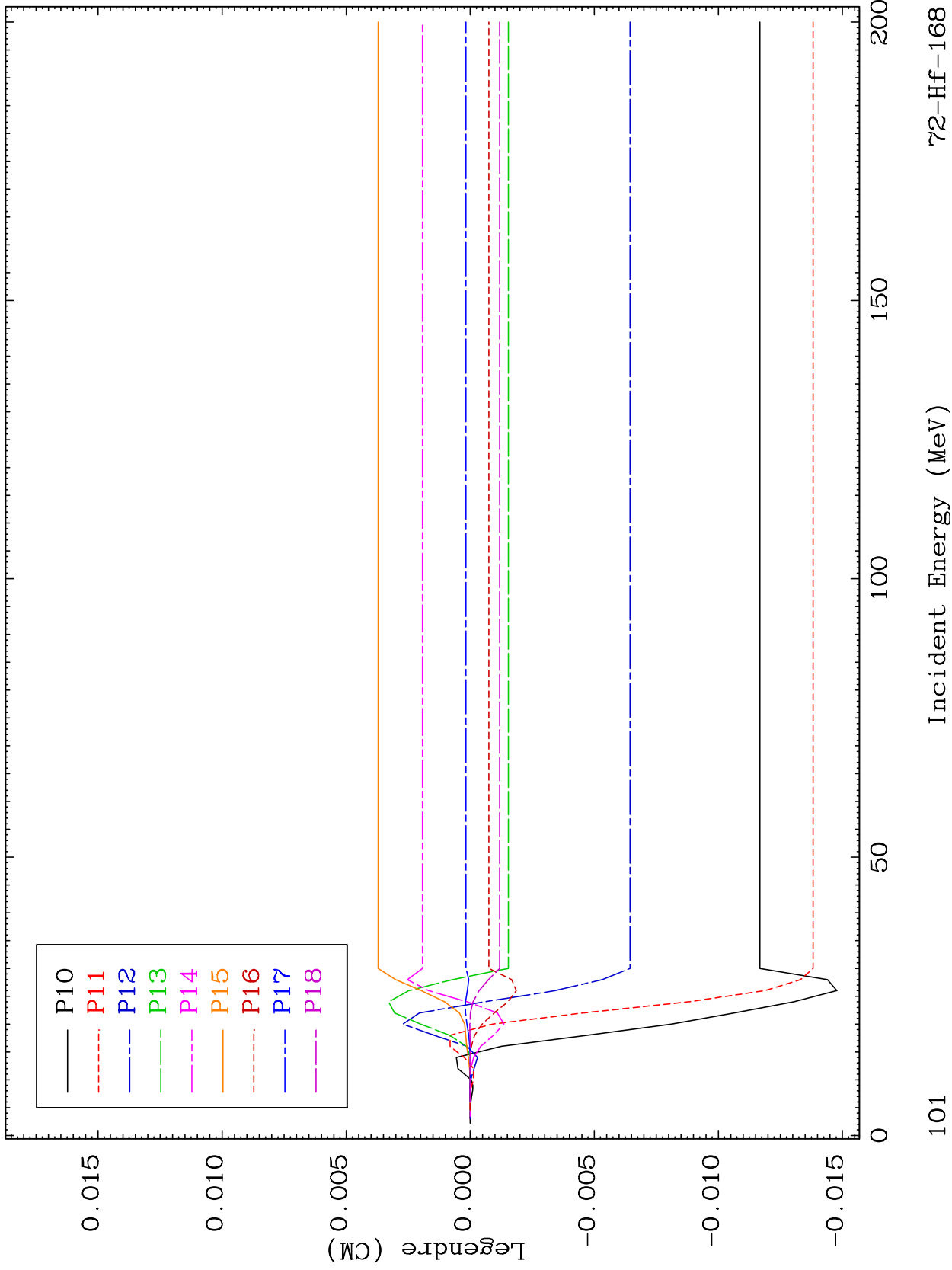
72-Hf-168

Incident Energy (MeV)

MAT 7207

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

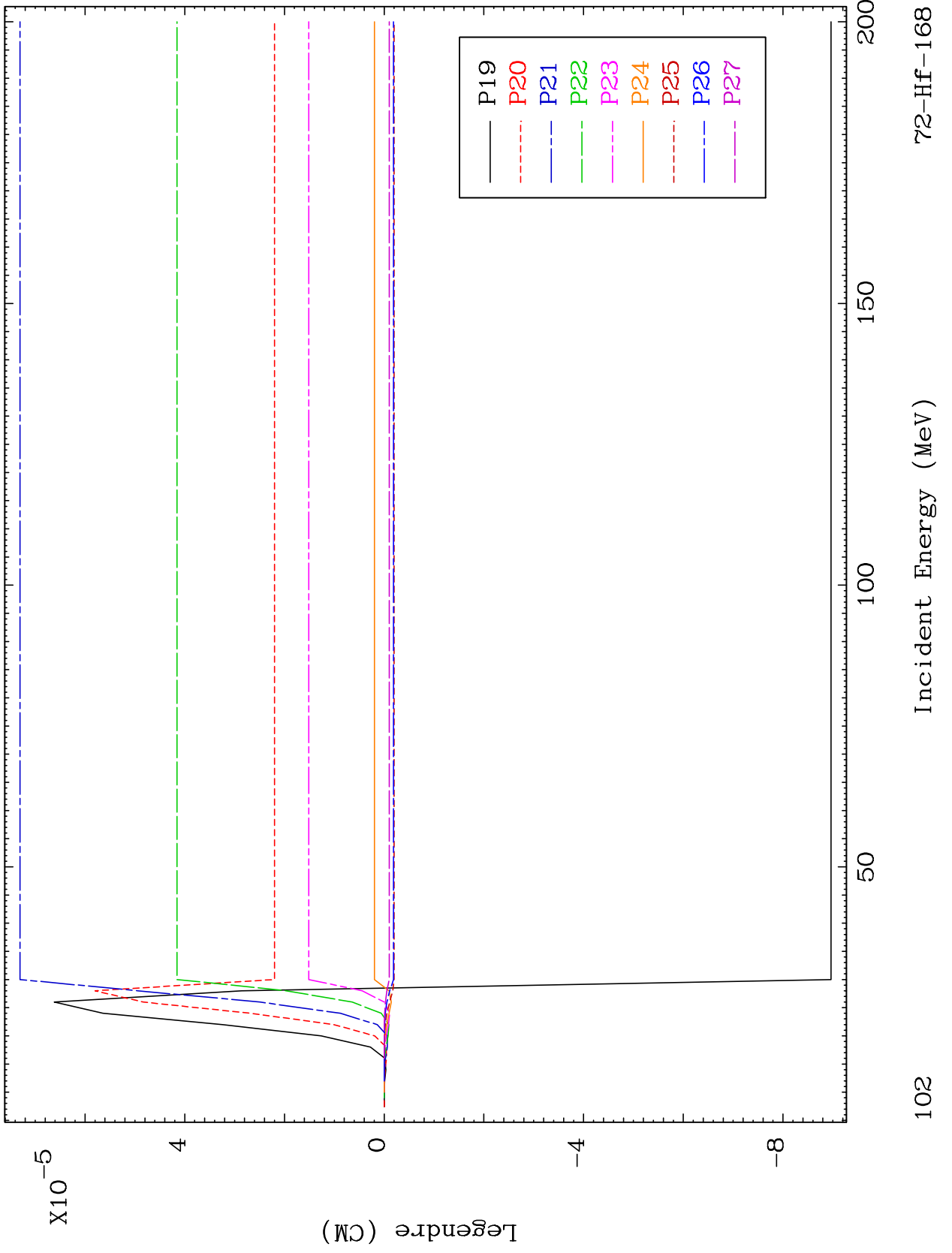
72-Hf-168

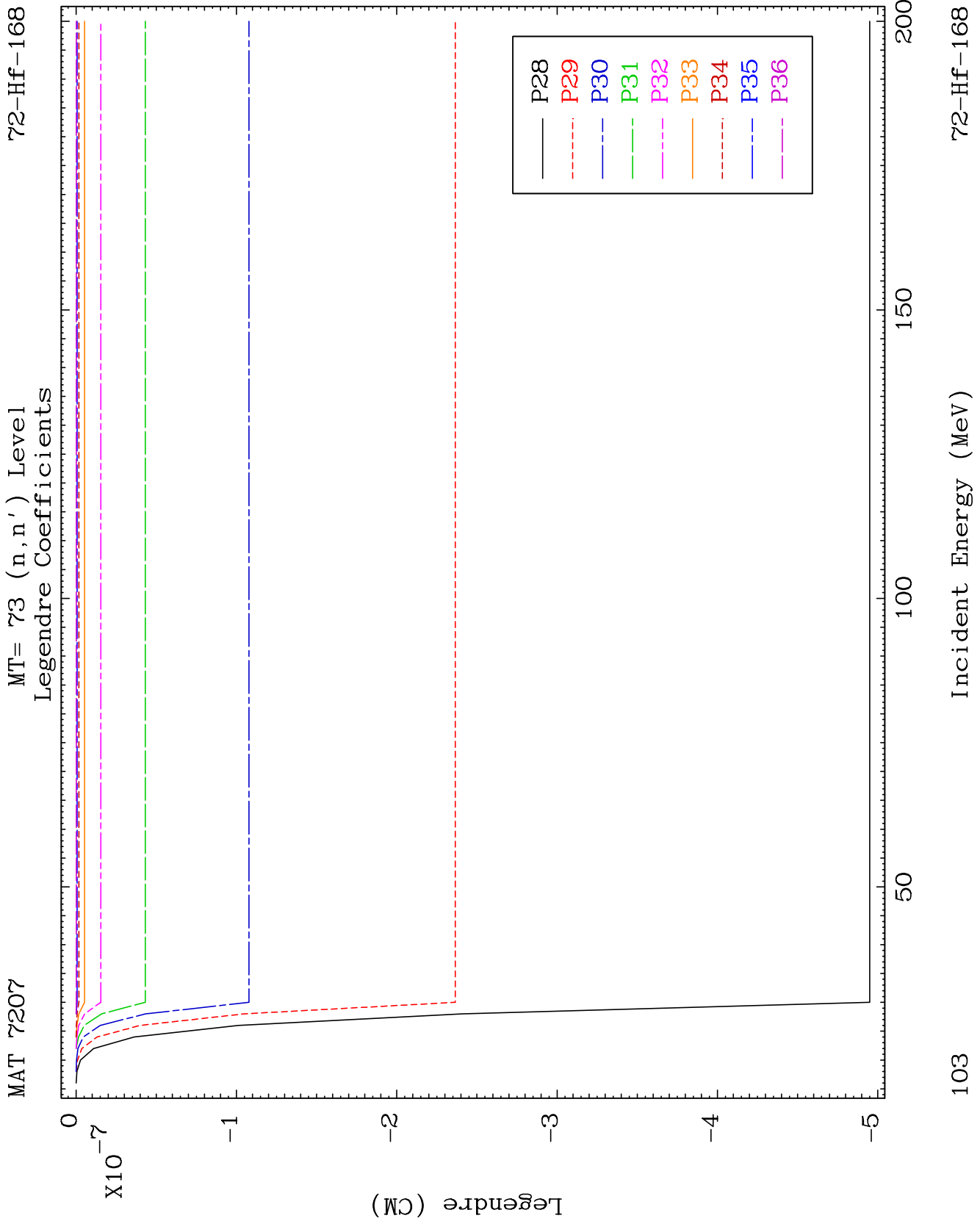


101

Incident Energy (MeV)

72-Hf-168



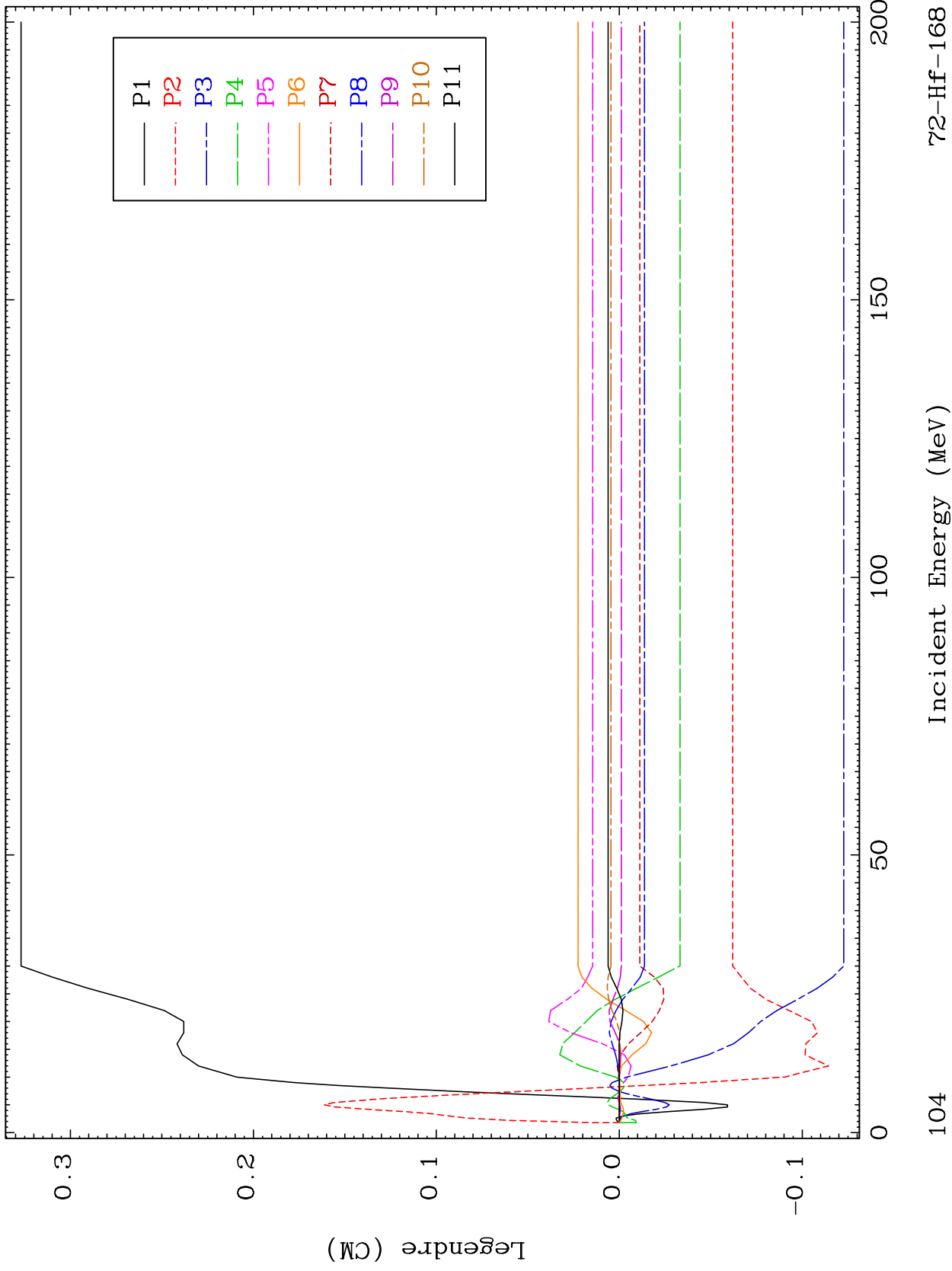




MAT 7207

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

72-Hf-168



72-Hf-168

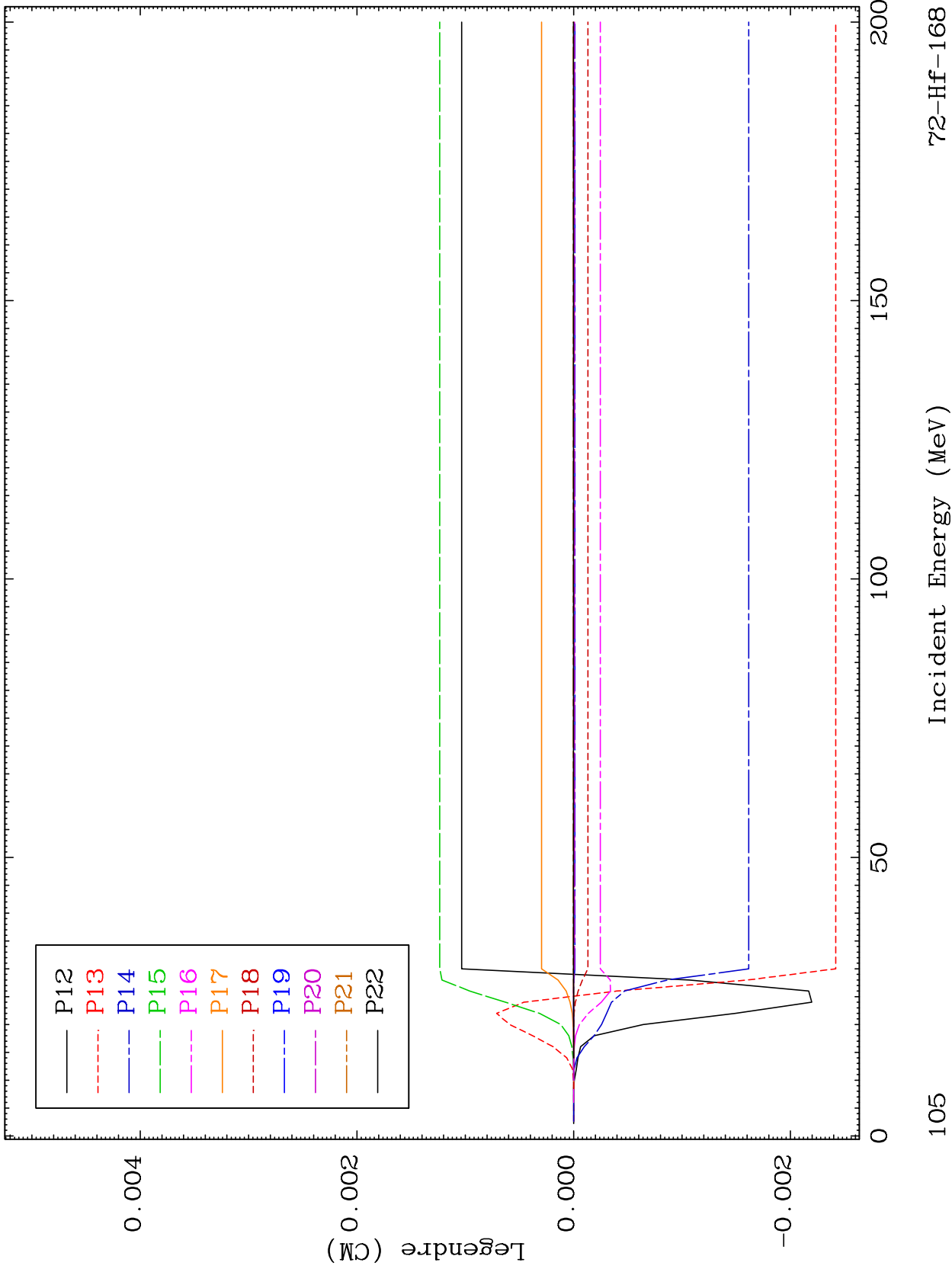
Incident Energy (MeV)

104

MAT 7207

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

72-Hf-168



72-Hf-168

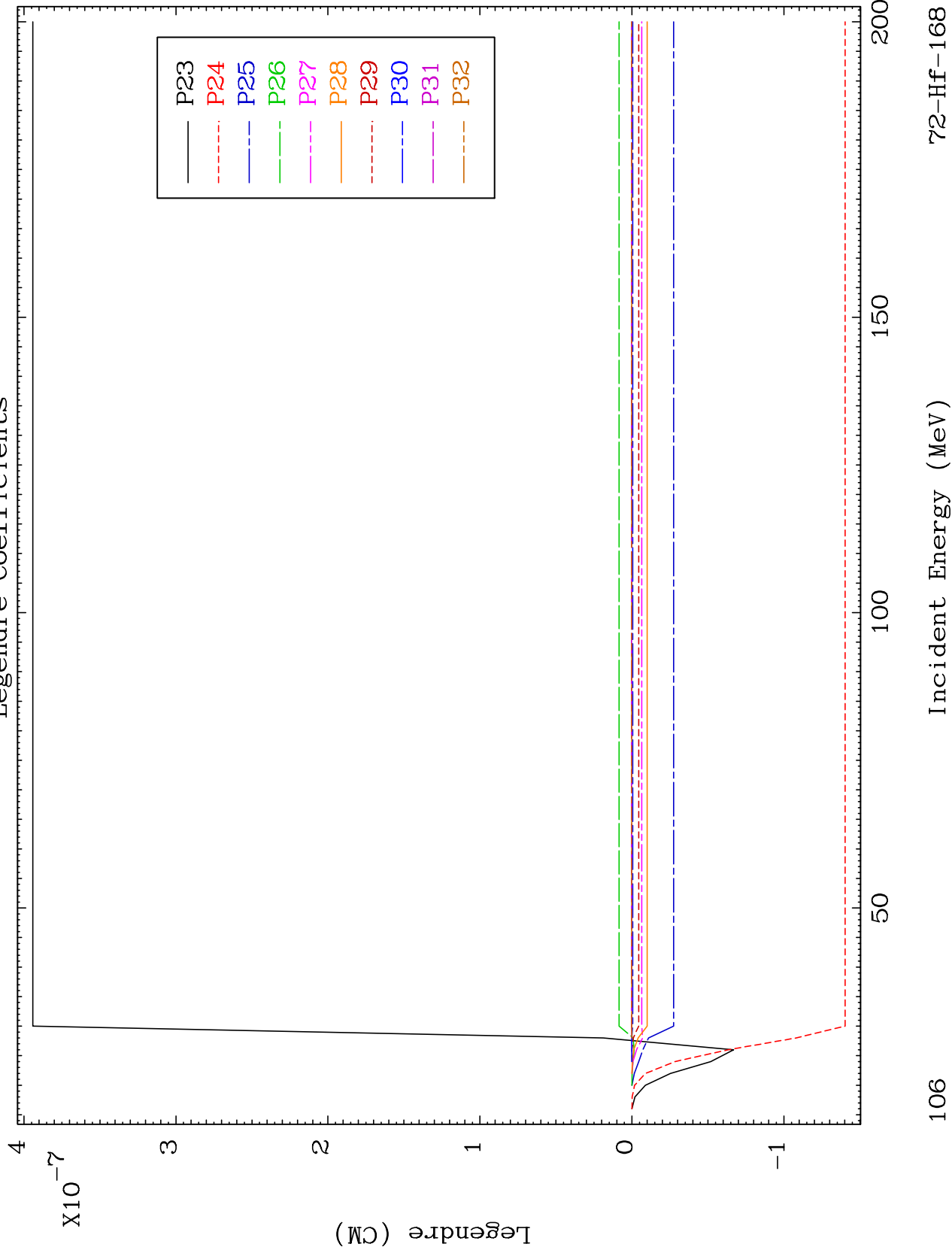
Incident Energy (MeV)

105

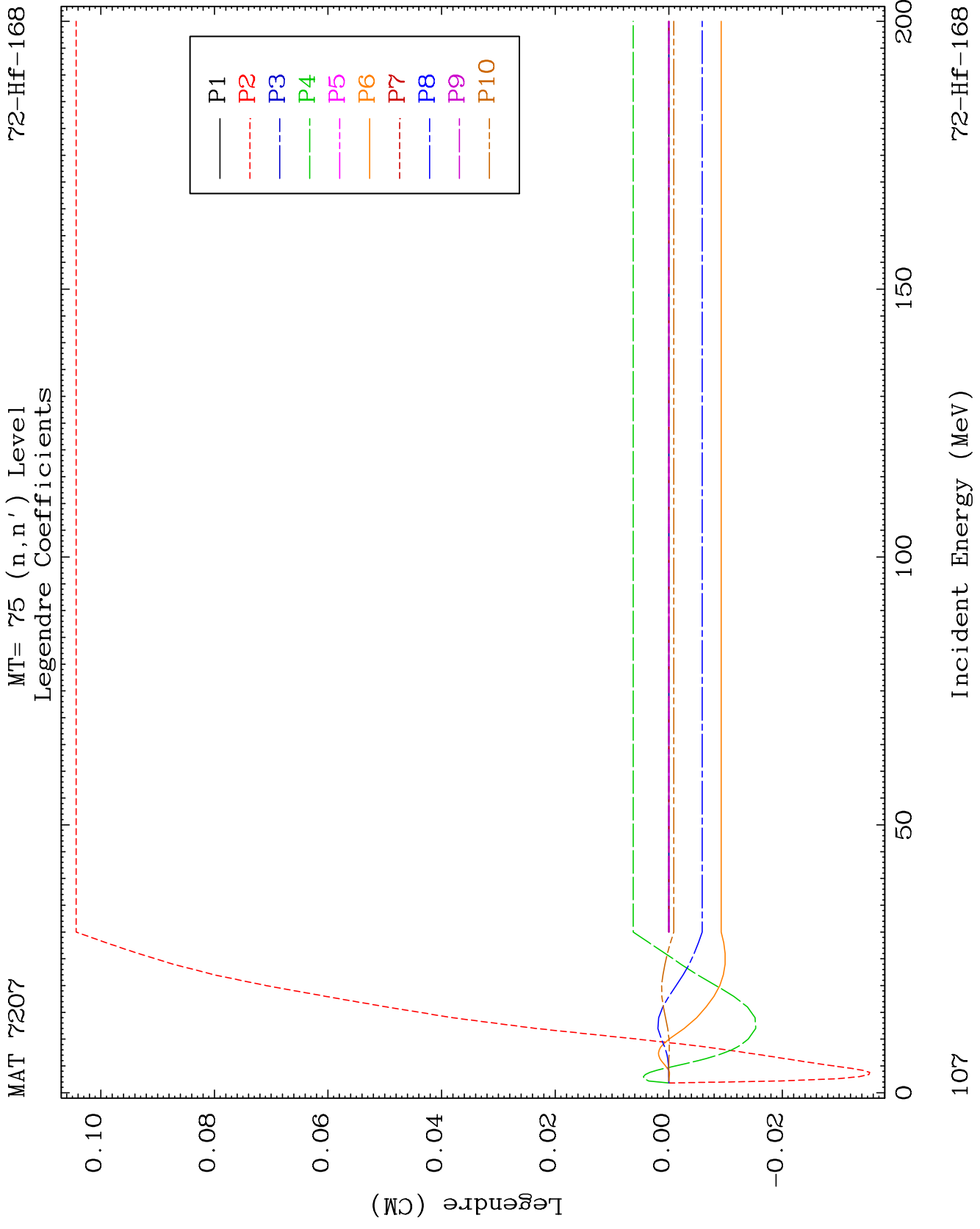
MAT 7207

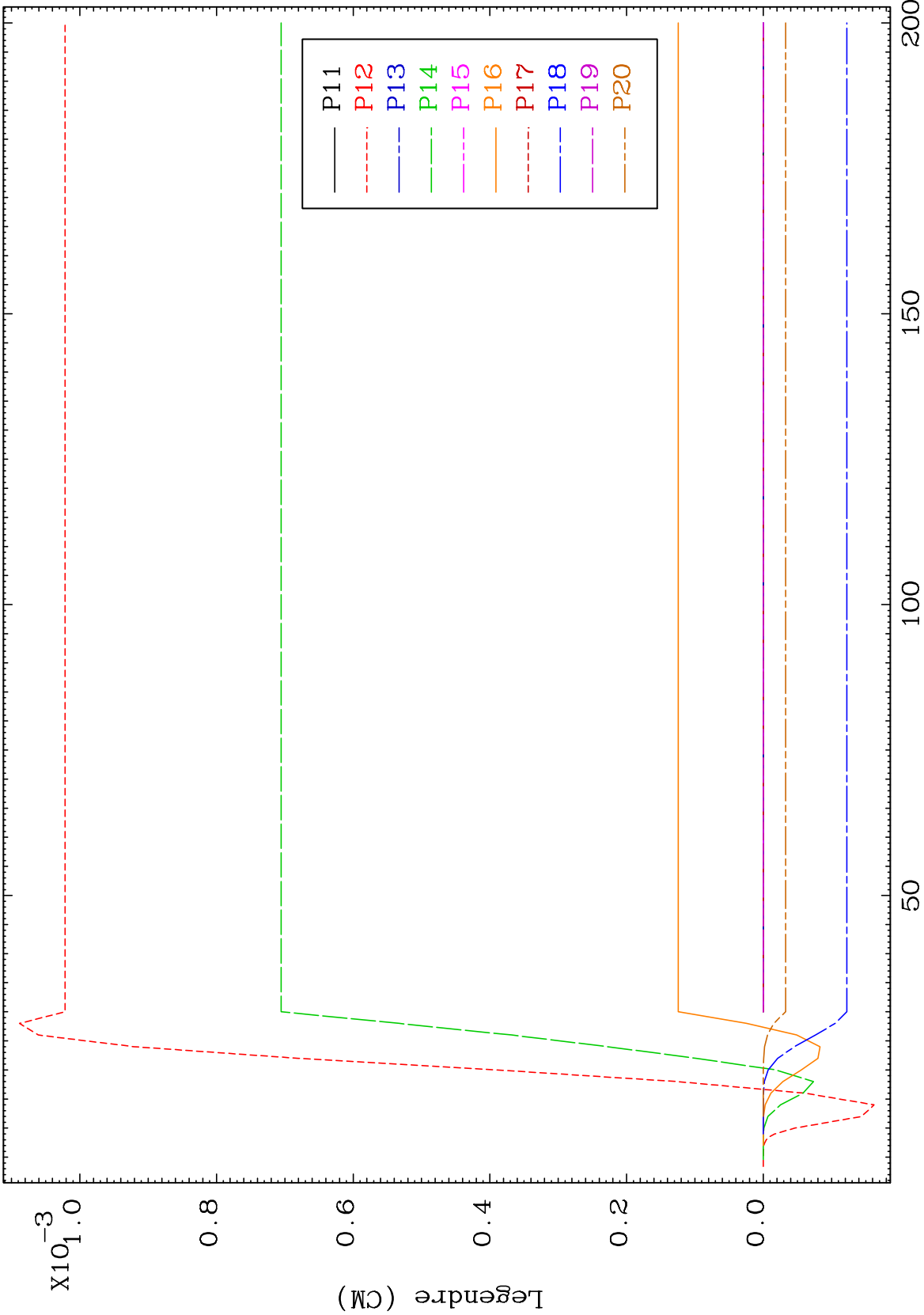
MT= 74 (n,n') Level  
Legendre Coefficients

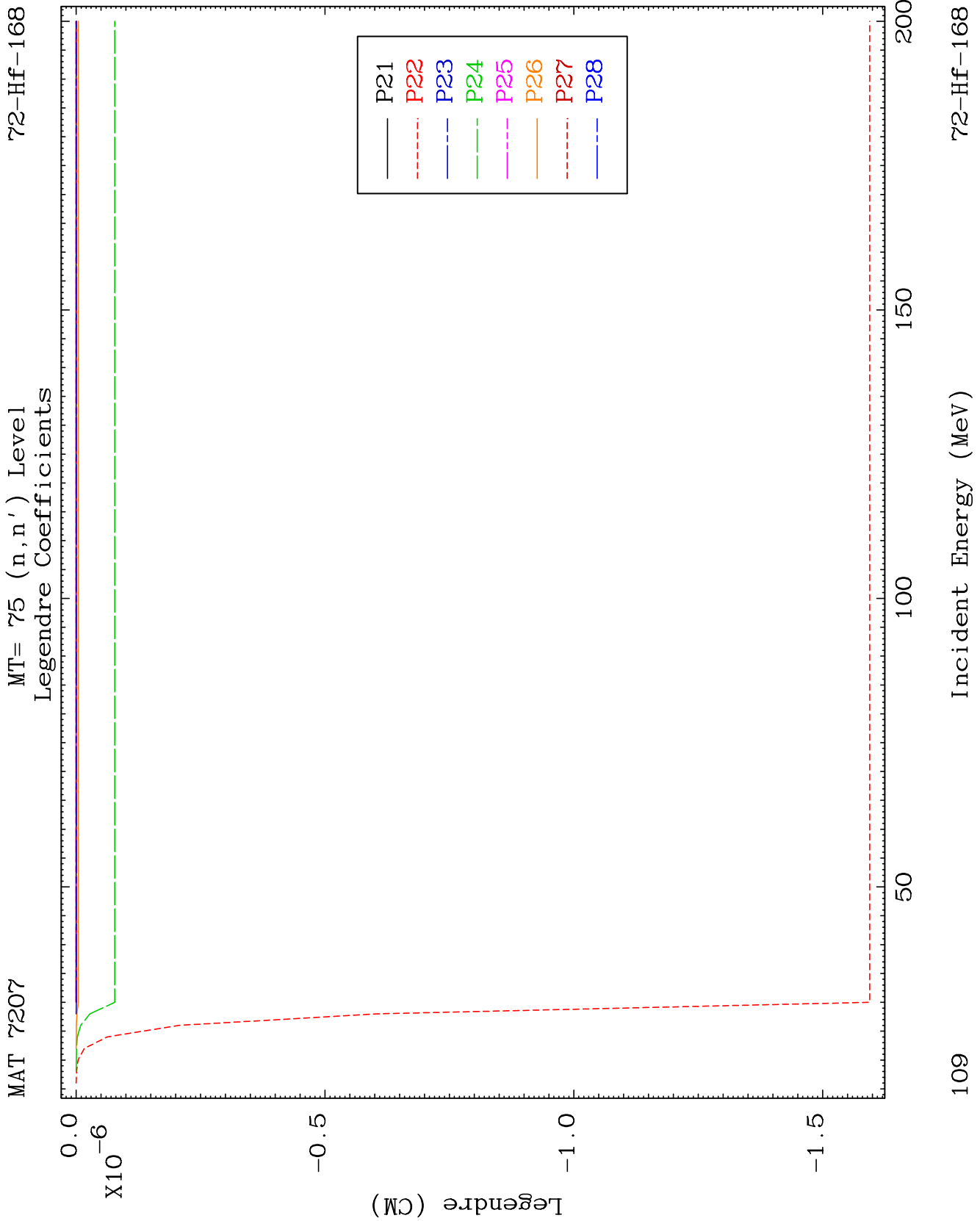
72-Hf-168



72-Hf-168



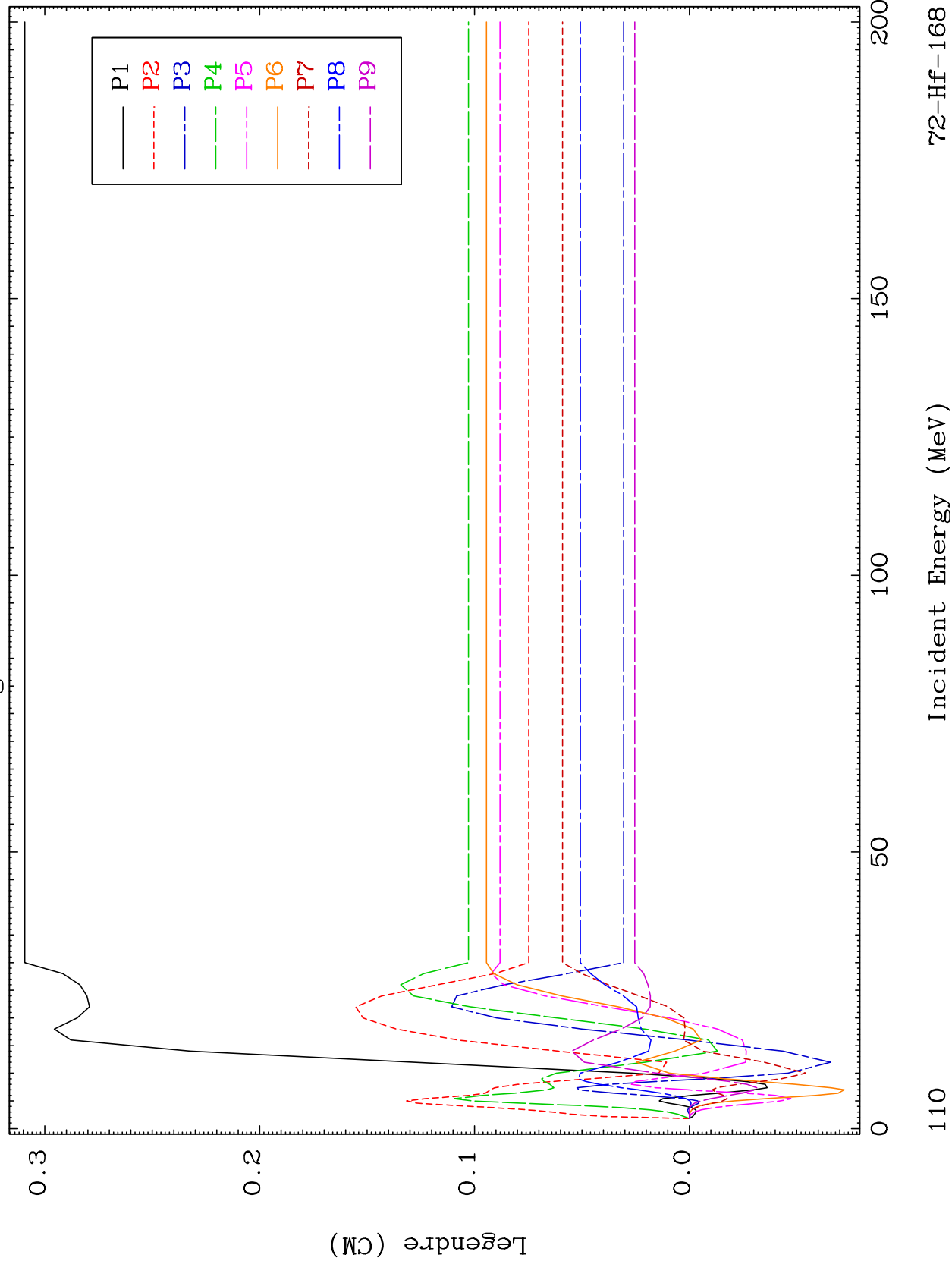




MAT 7207

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

72-Hf-168



72-Hf-168

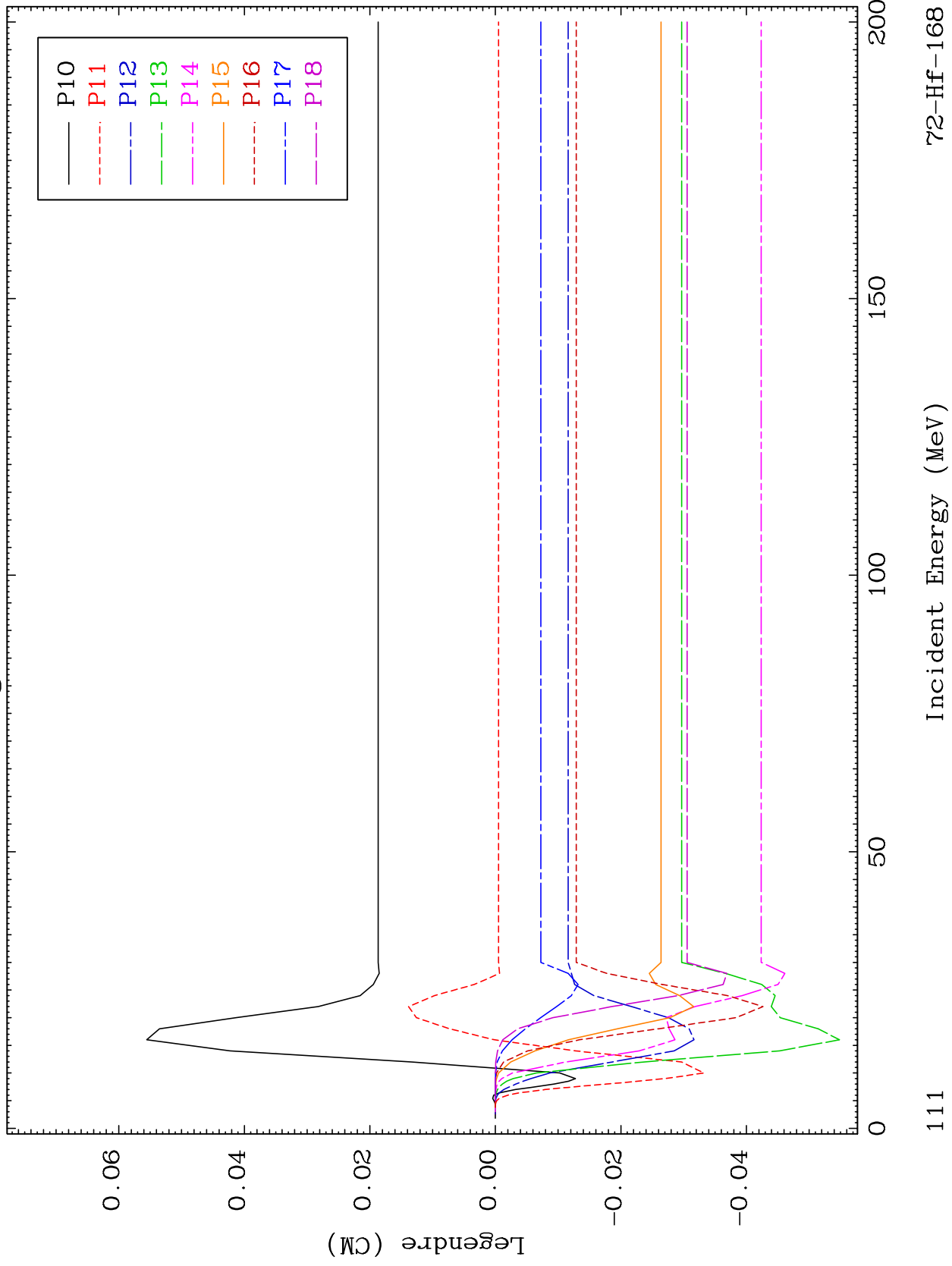
Incident Energy (MeV)

110

MAT 7207

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

72-Hf-168



111

Incident Energy (MeV)

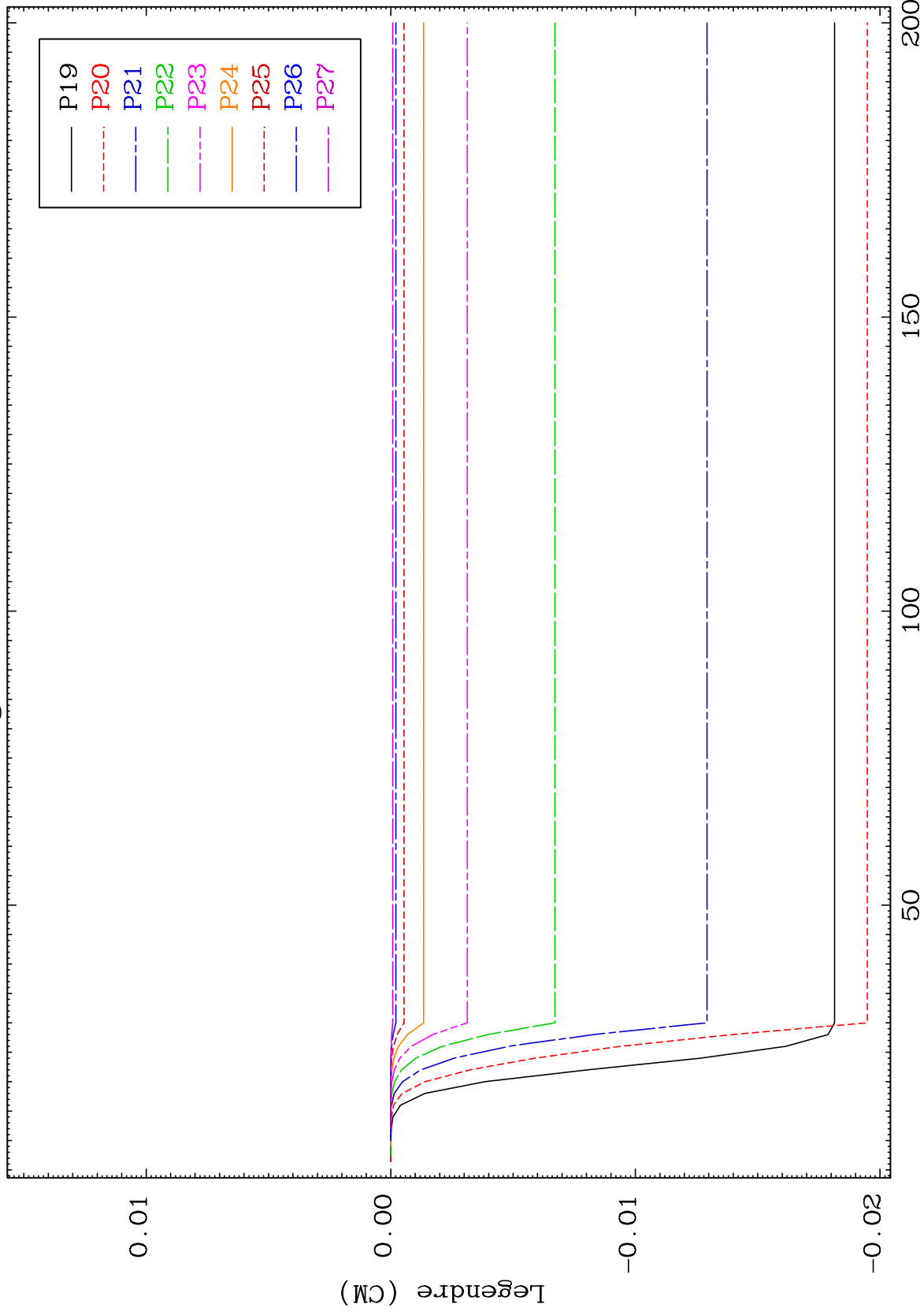
72-Hf-168



MAT 7207

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

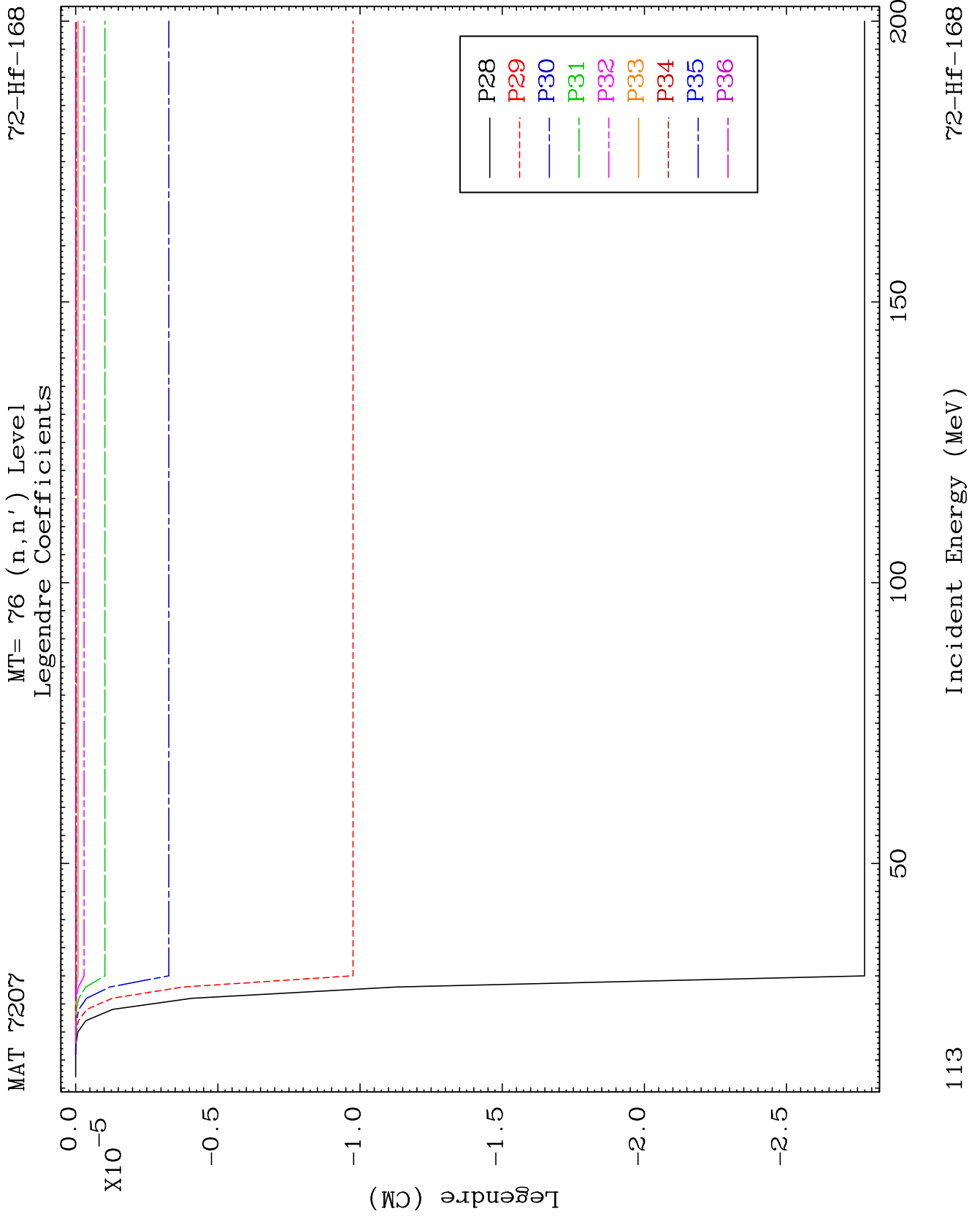
72-Hf-168



112

Incident Energy (MeV)

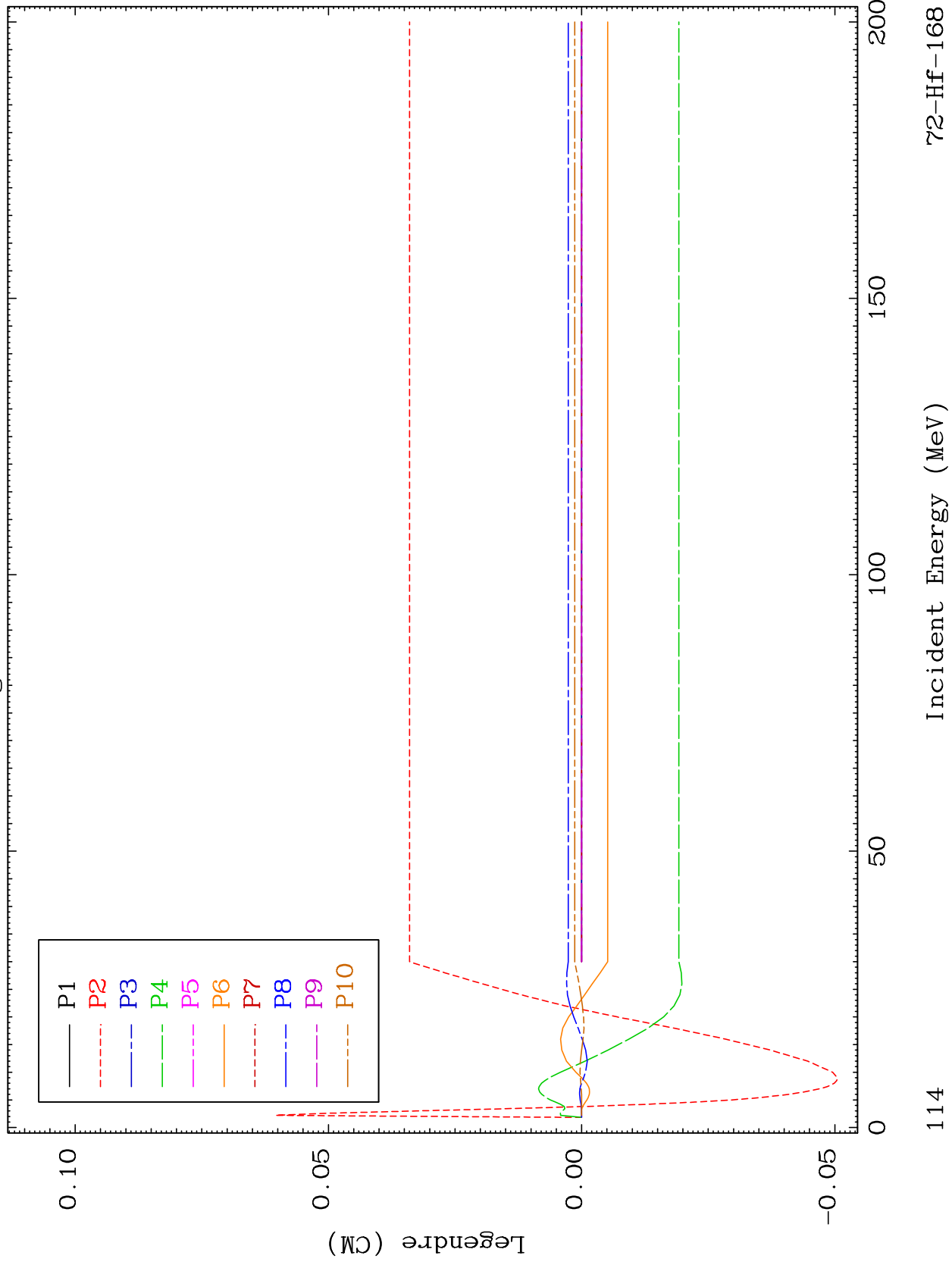
72-Hf-168



MAT 7207

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

72-Hf-168

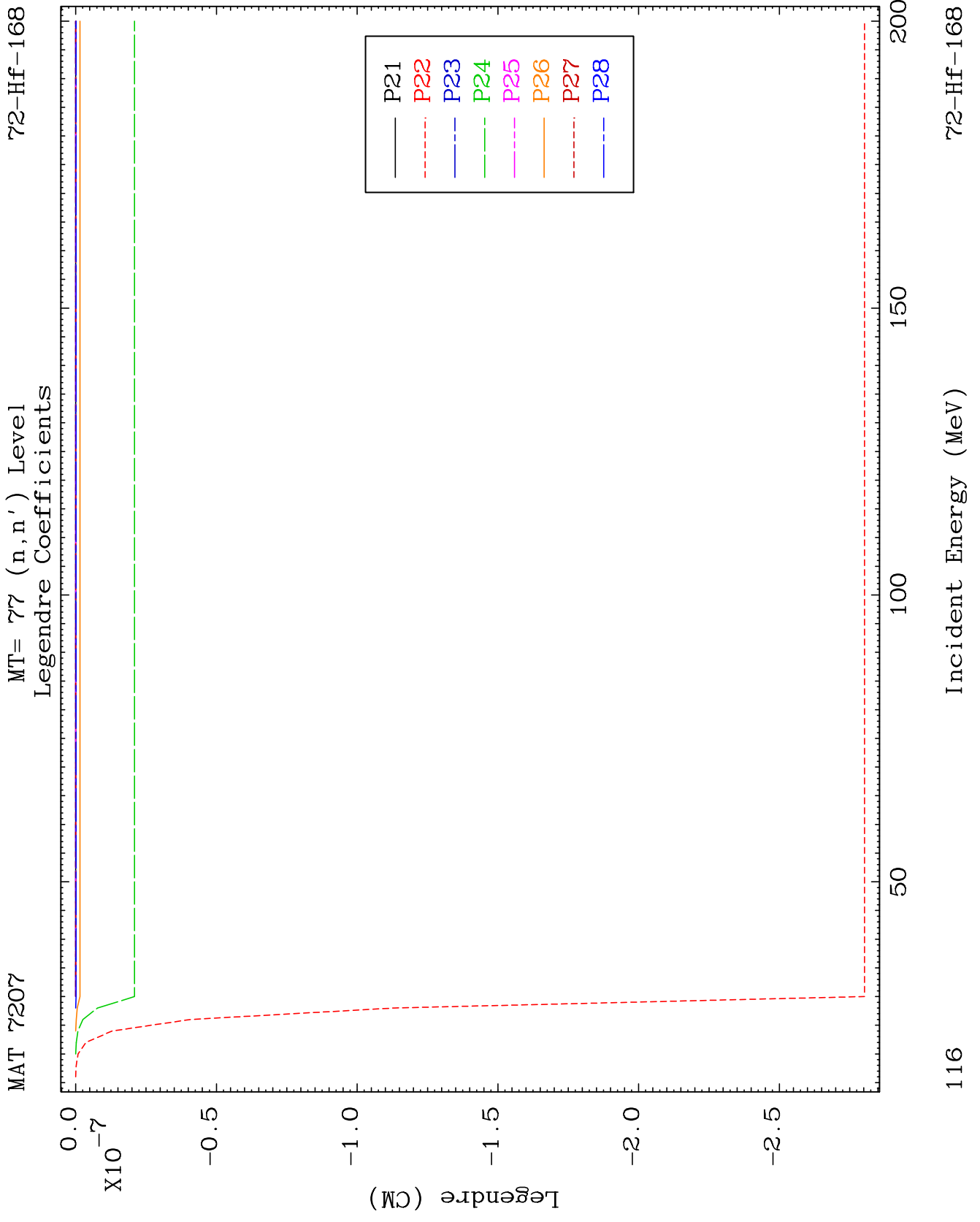


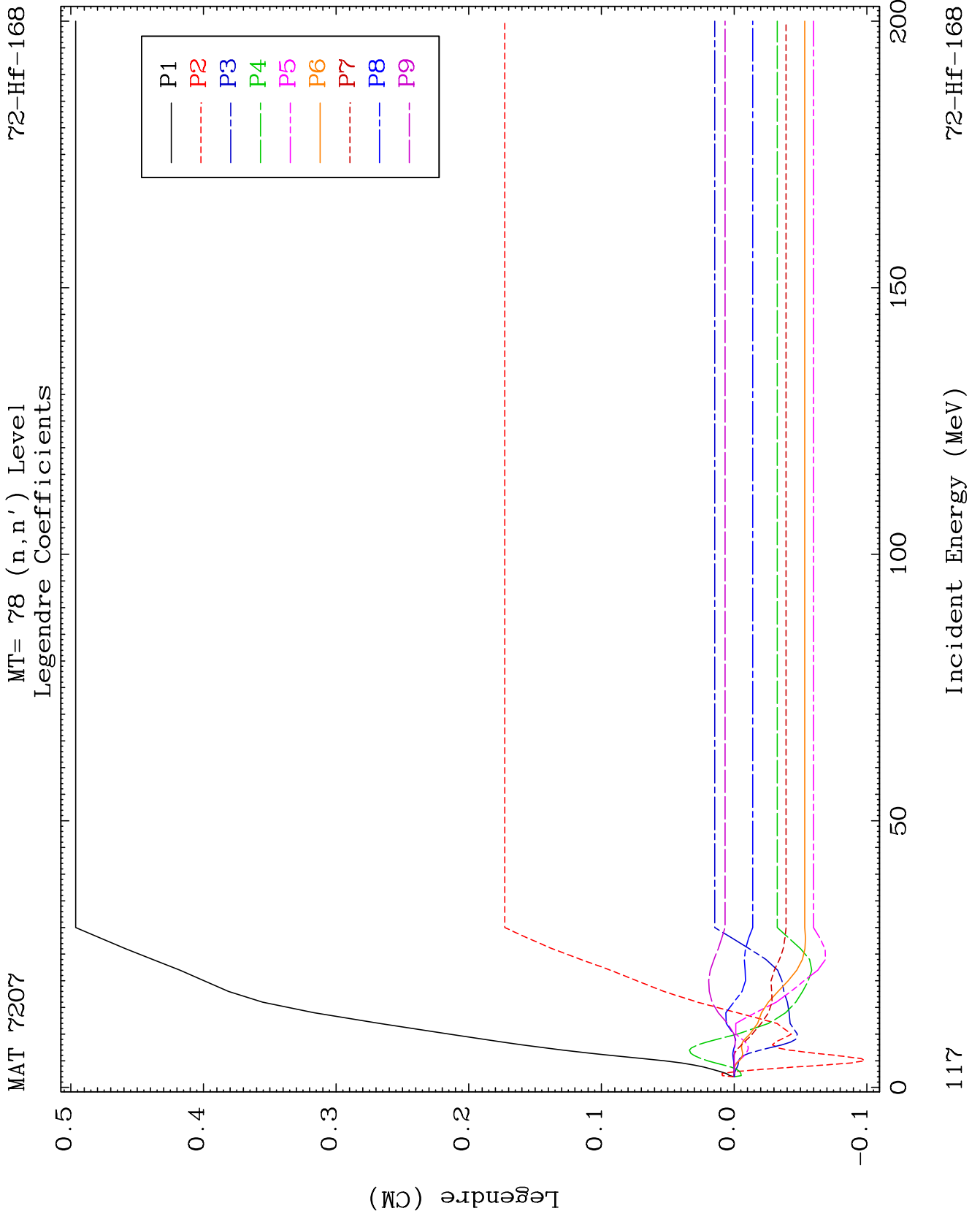
72-Hf-168

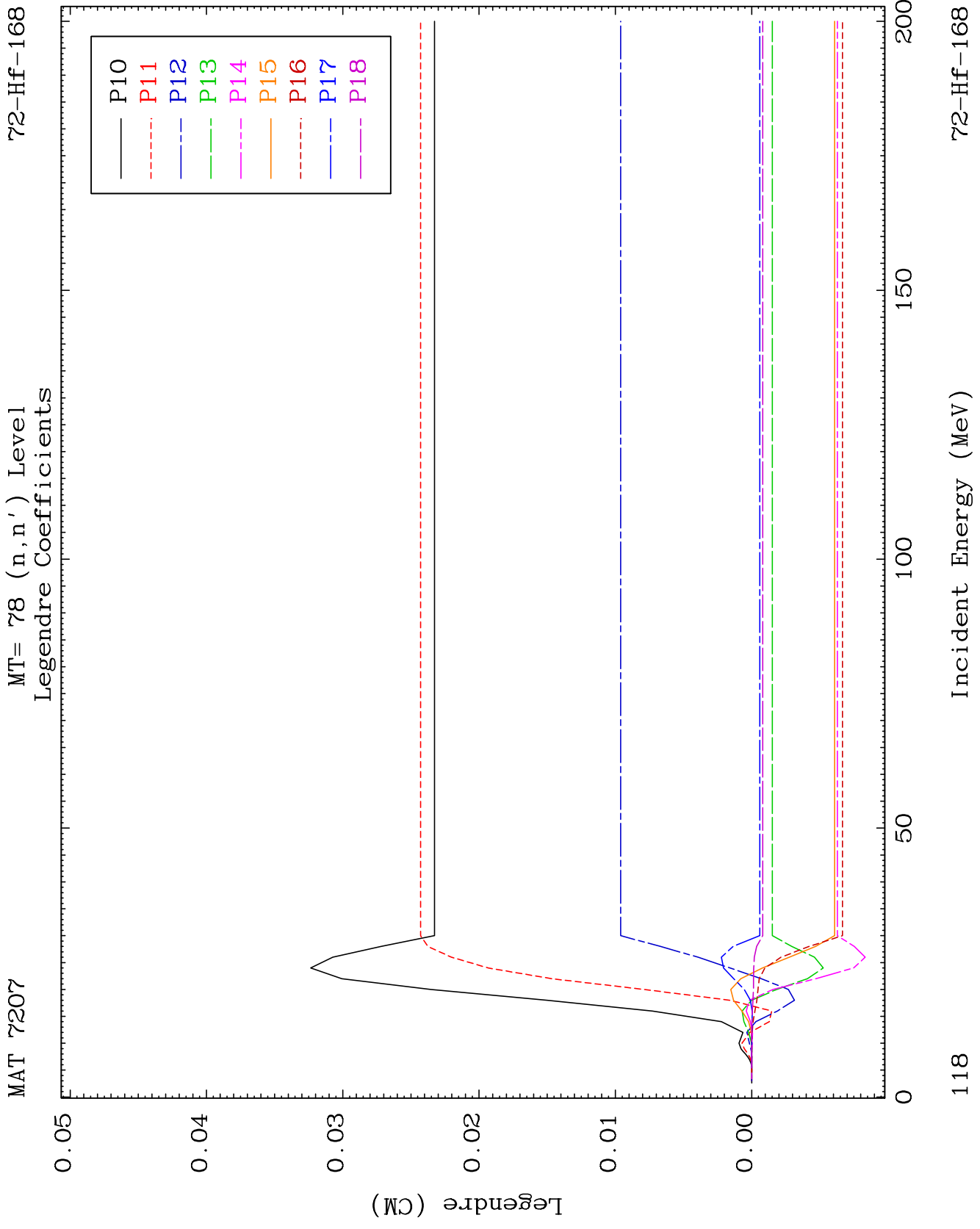
Incident Energy (MeV)

114





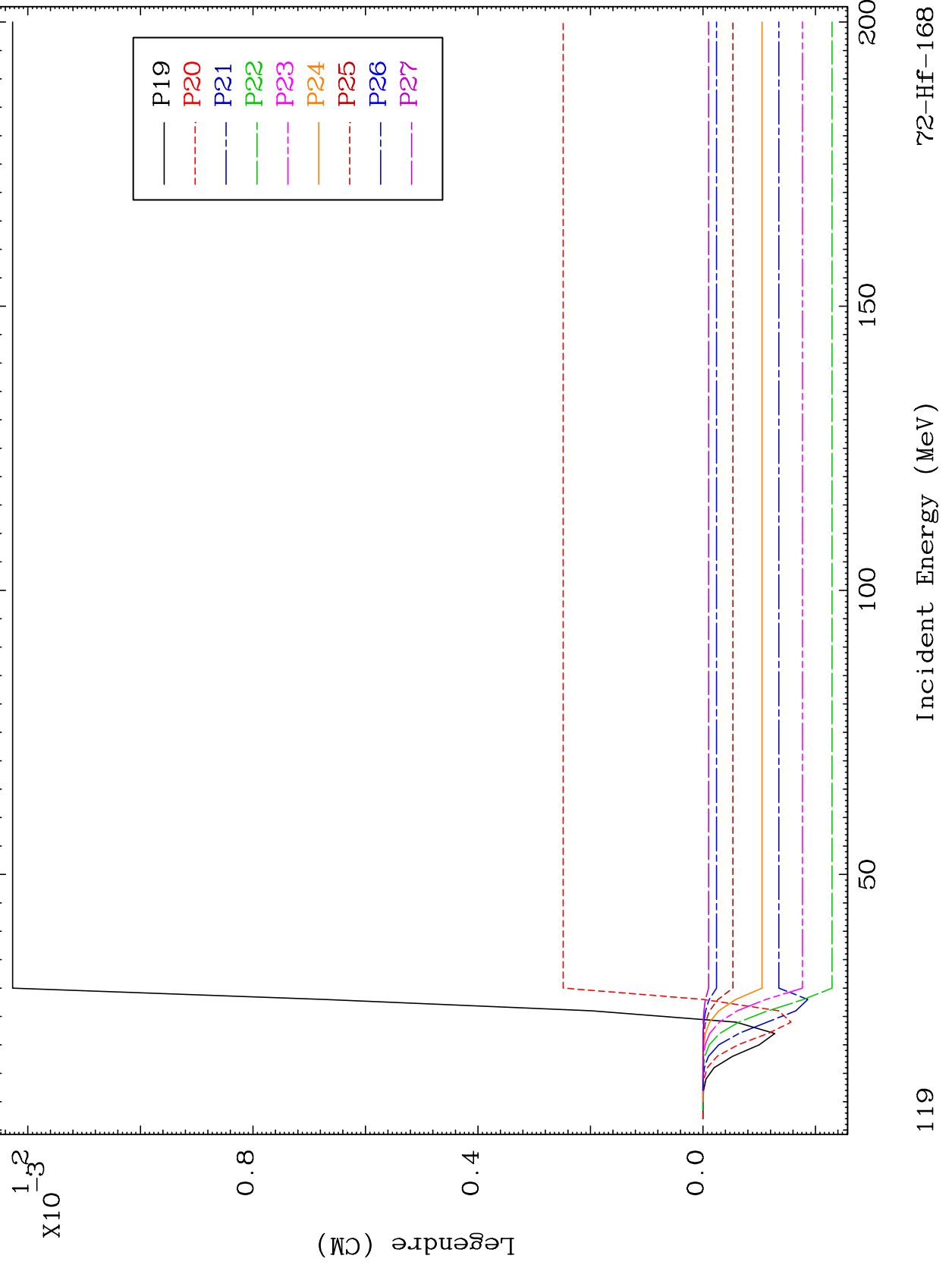




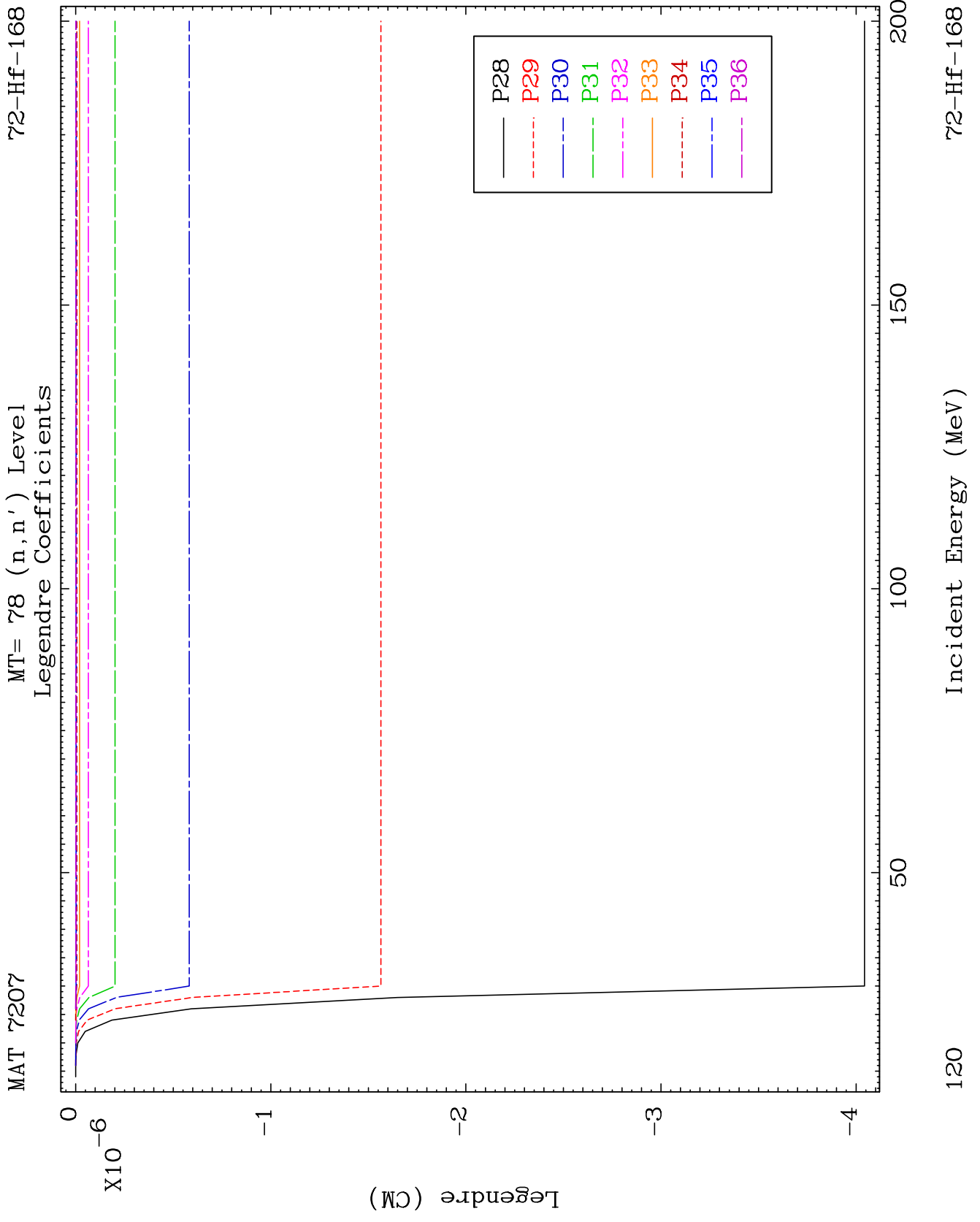
MAT 7207

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

72-Hf-168



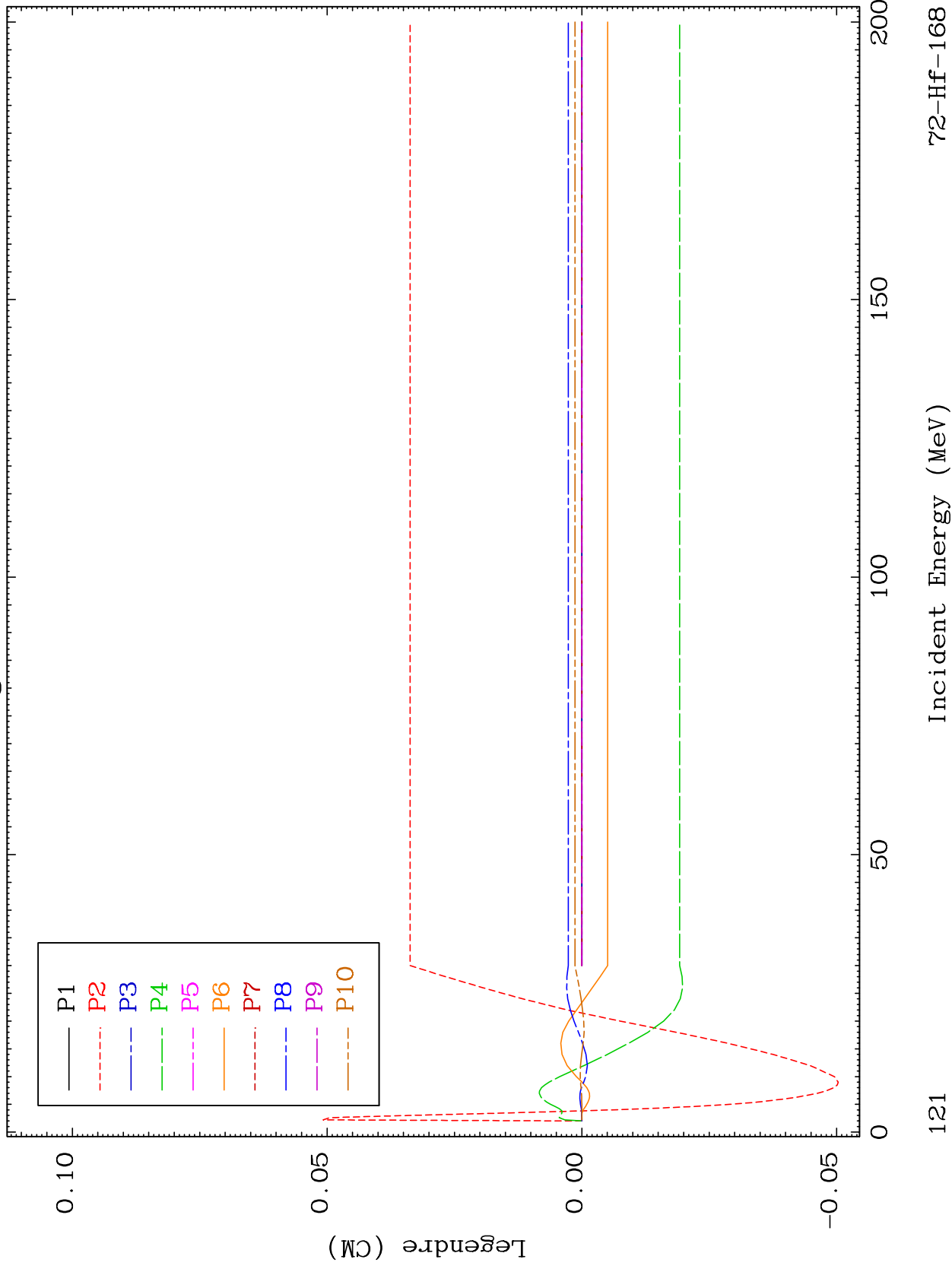




MAT 7207

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

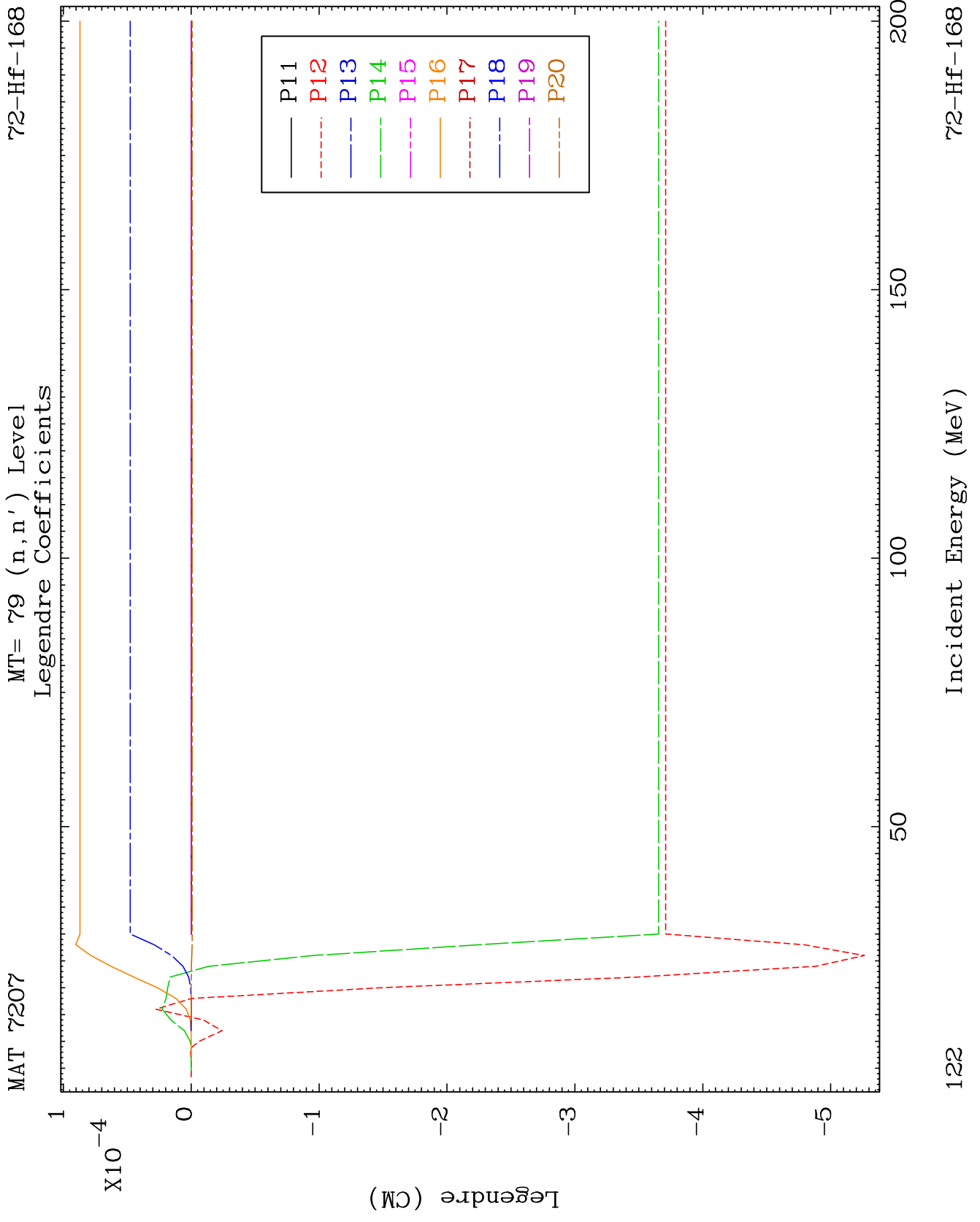
72-Hf-168

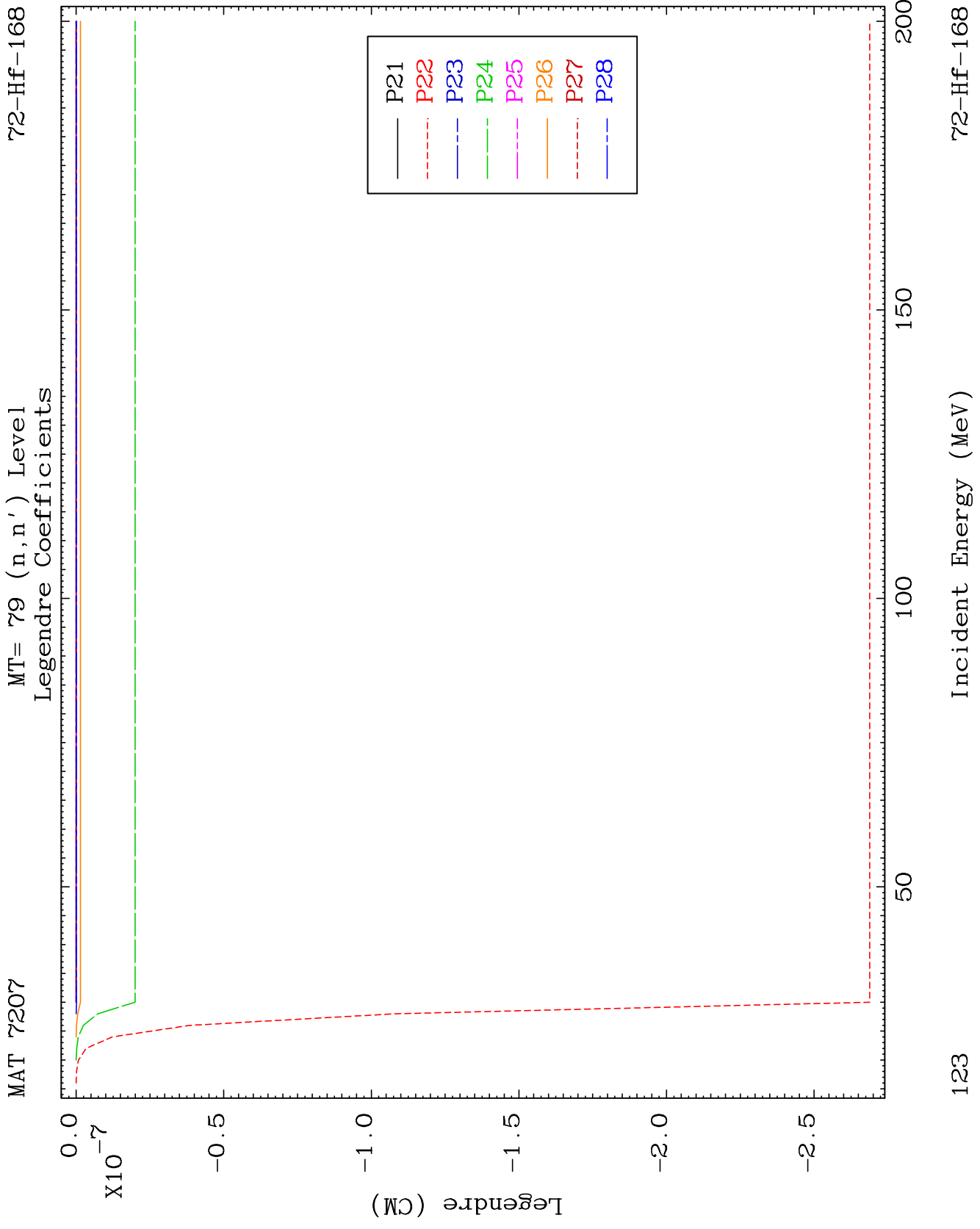


121

Incident Energy (MeV)

72-Hf-168

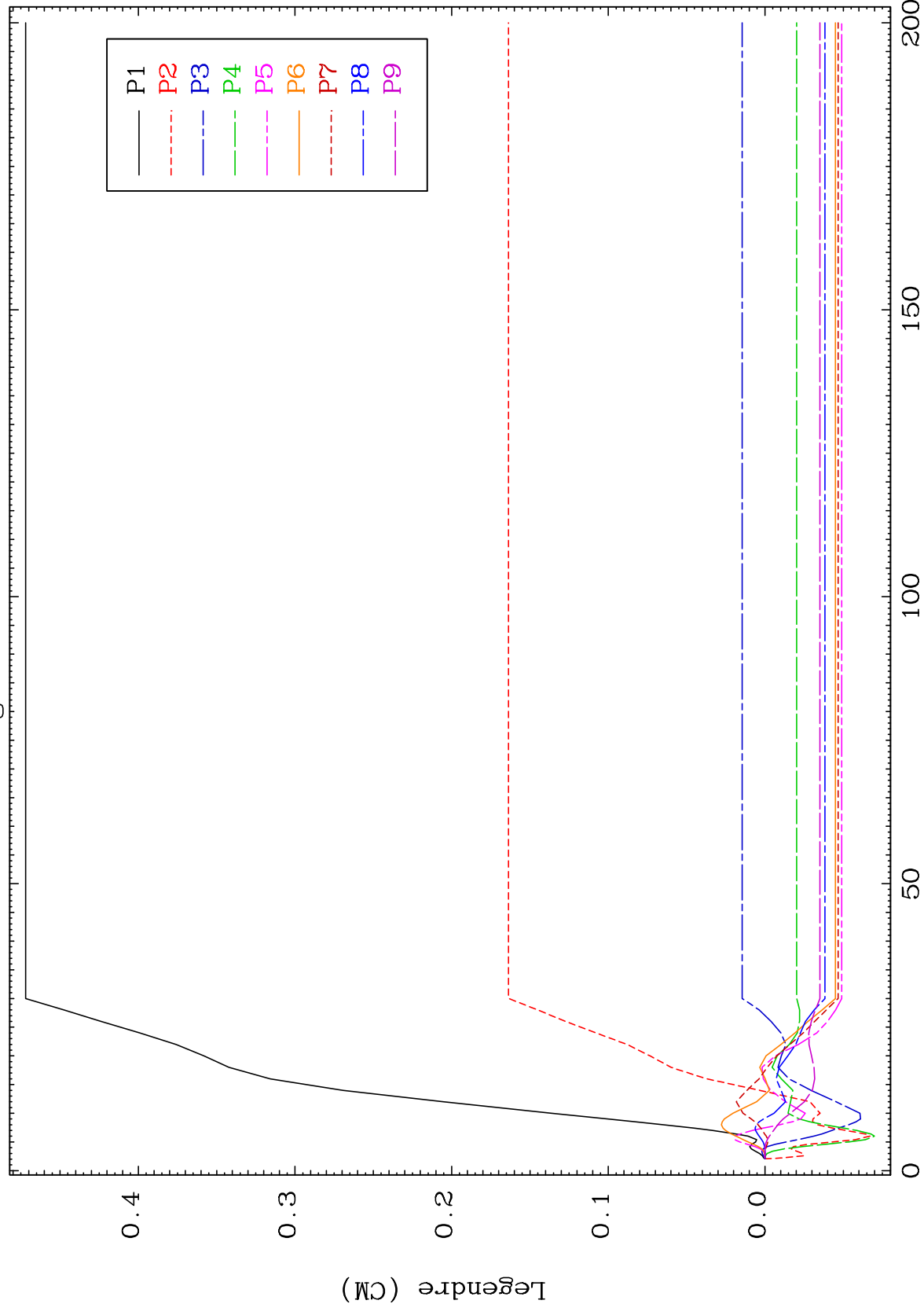




MAT 7207

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

72-Hf-168



124

Incident Energy (MeV)

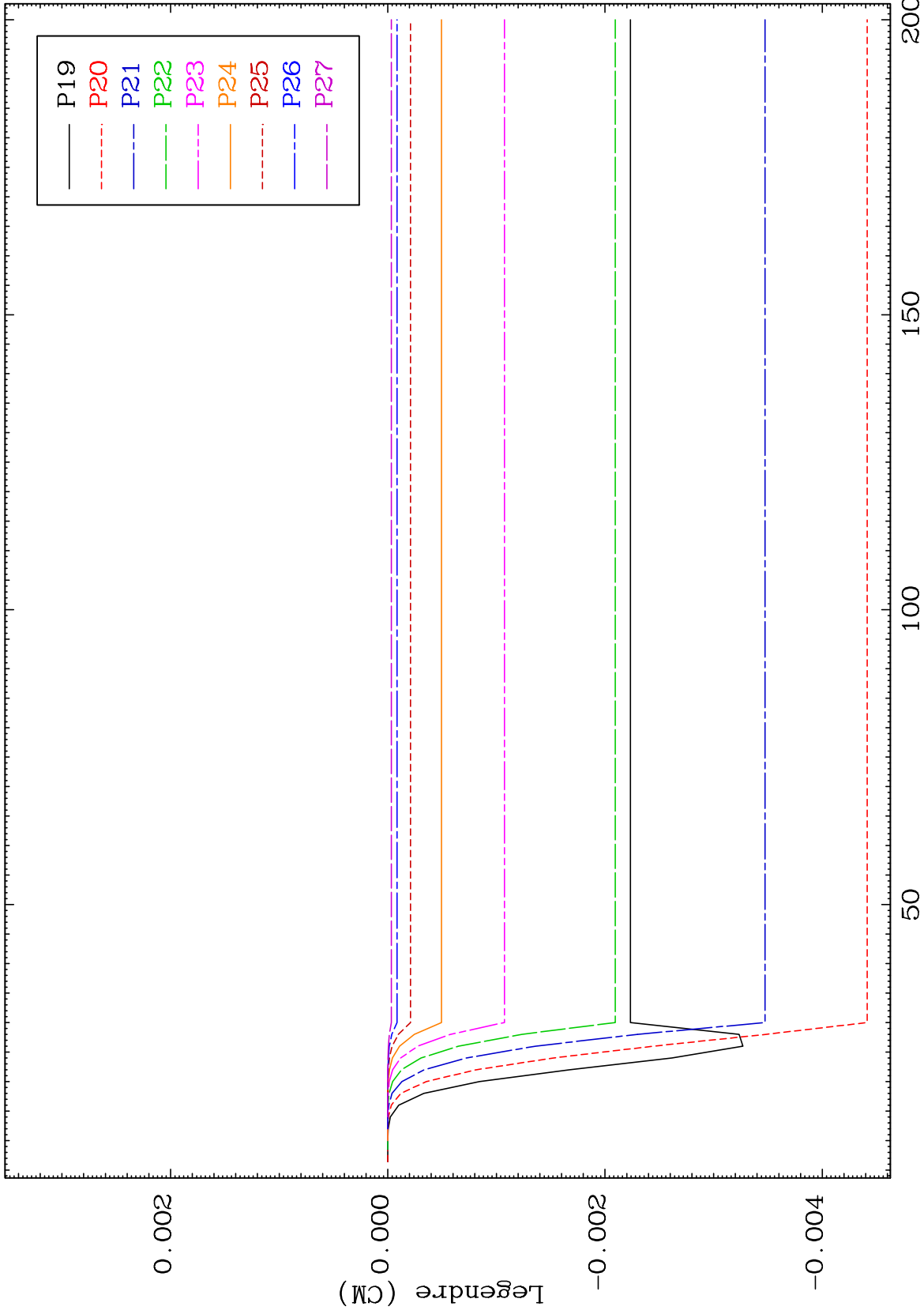
72-Hf-168



MAT 7207

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

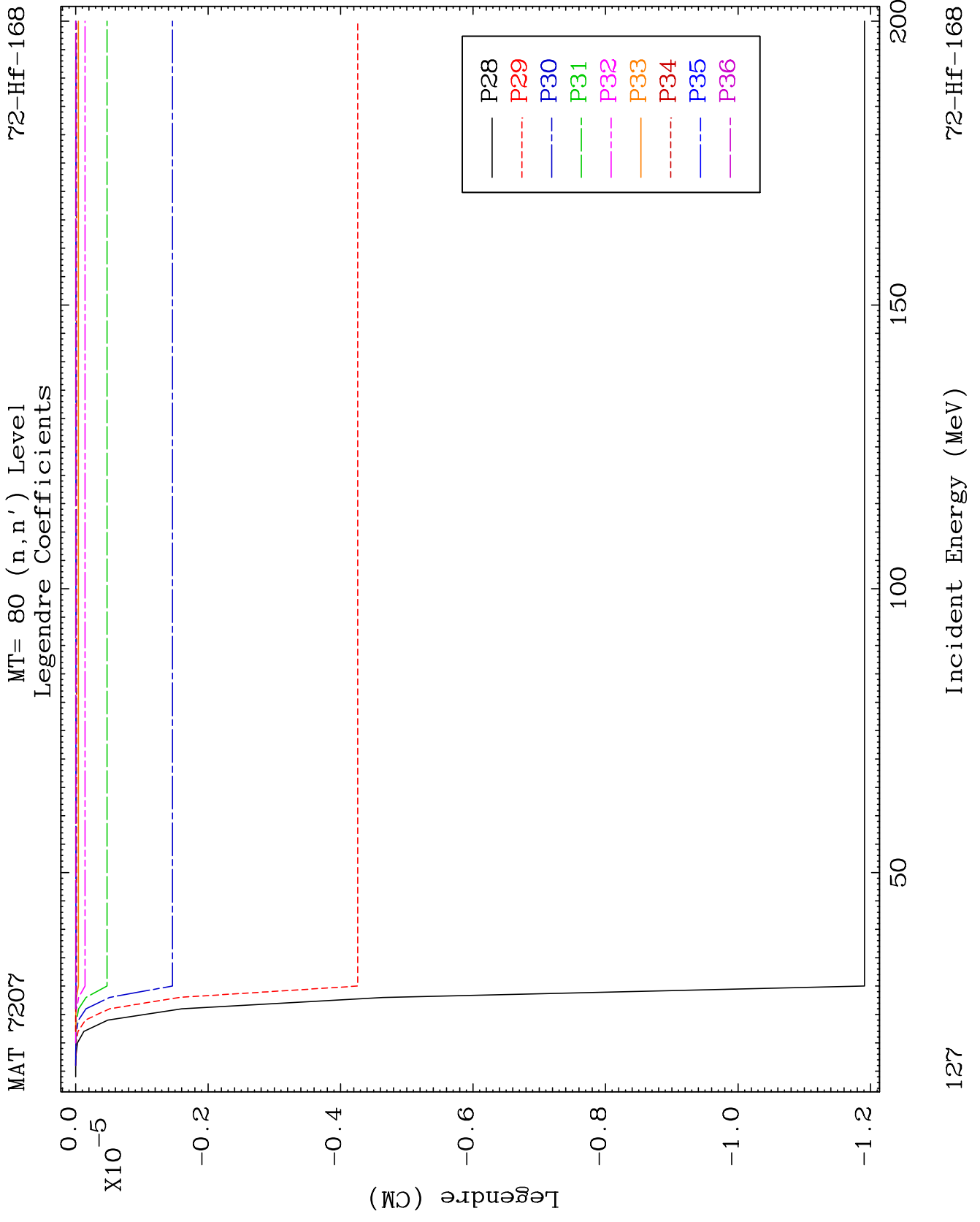
72-Hf-168



126

Incident Energy (MeV)

72-Hf-168



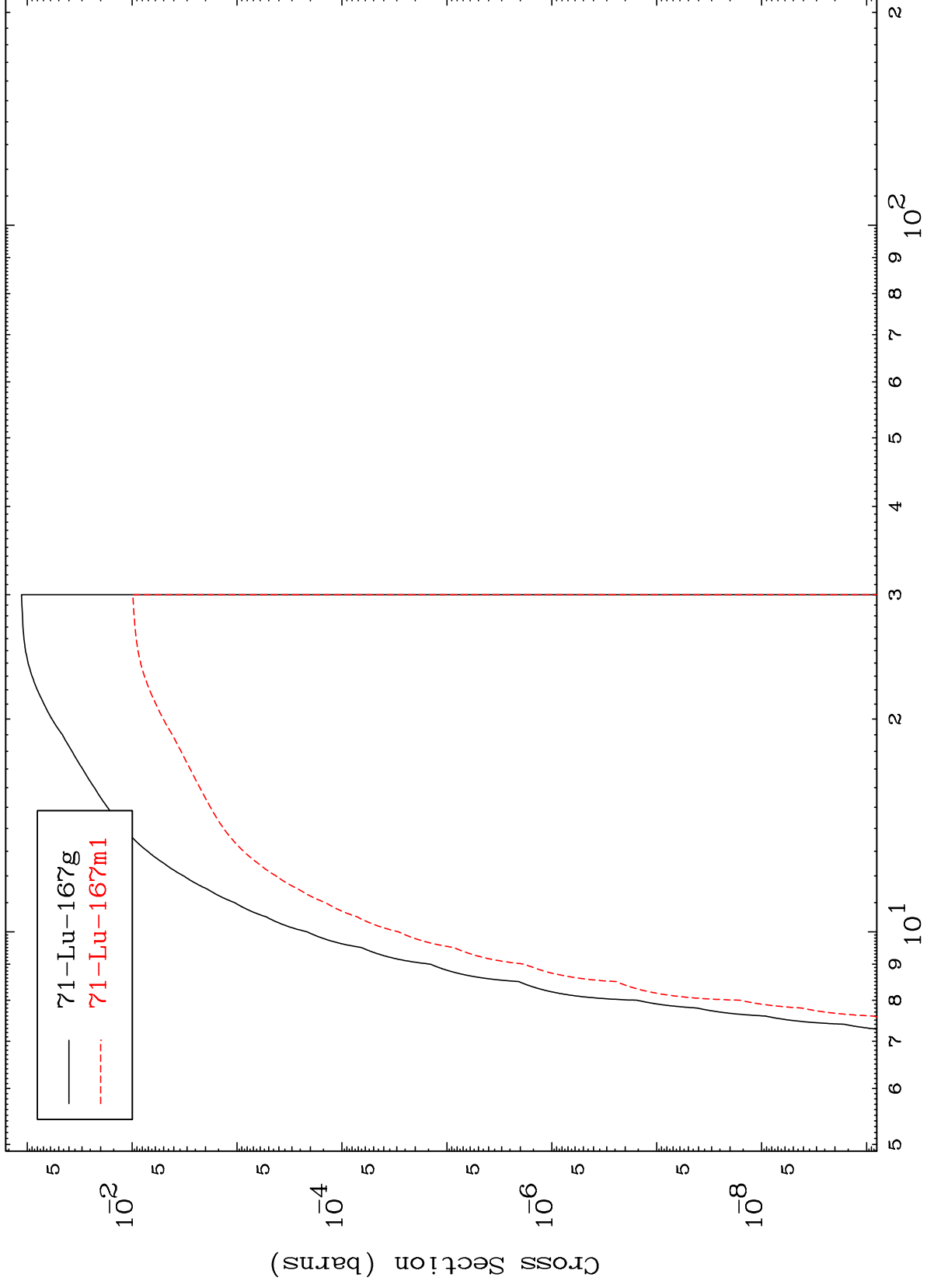


MAT 7207

(n,n') p

72-Hf-168

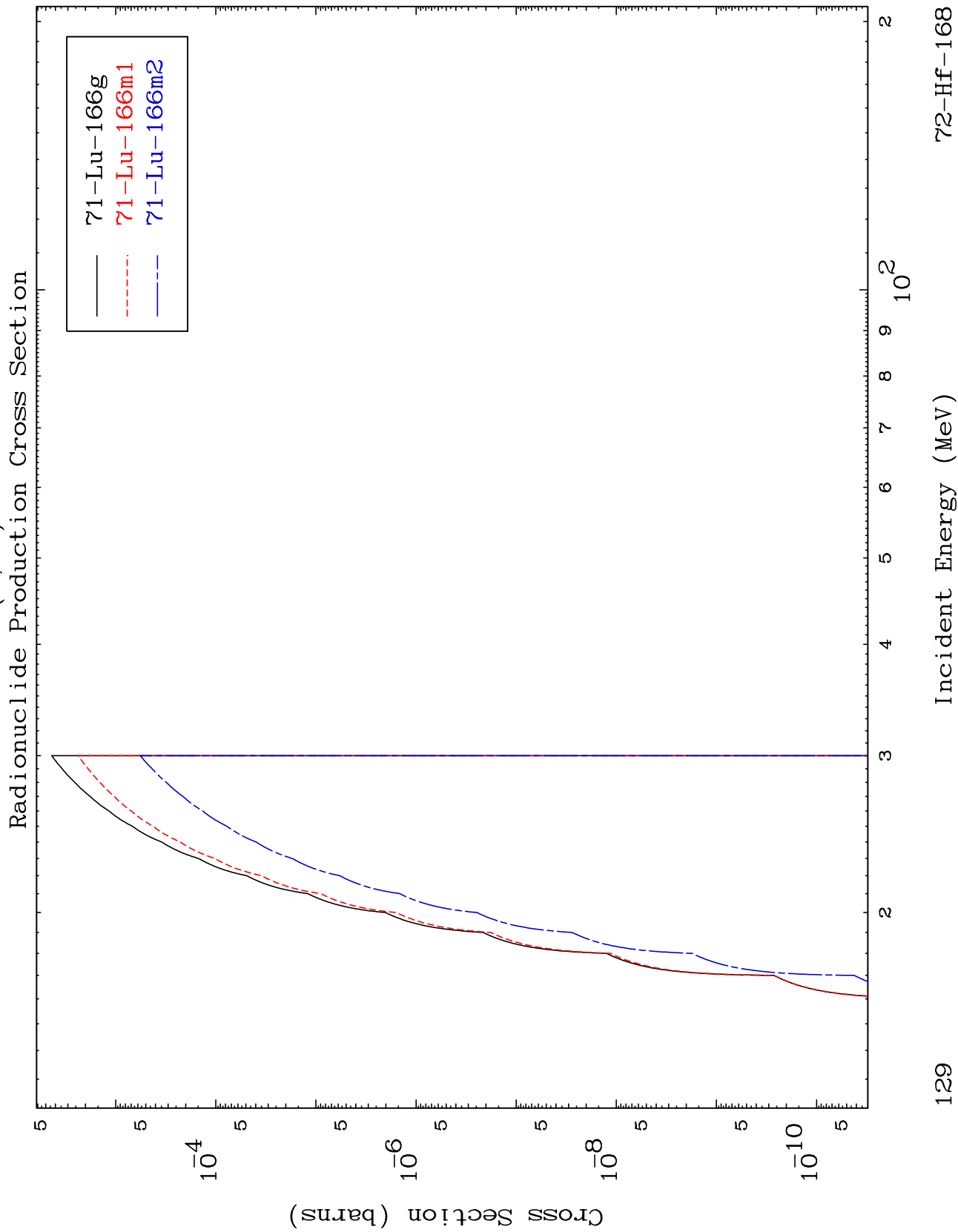
Radionuclide Production Cross Section



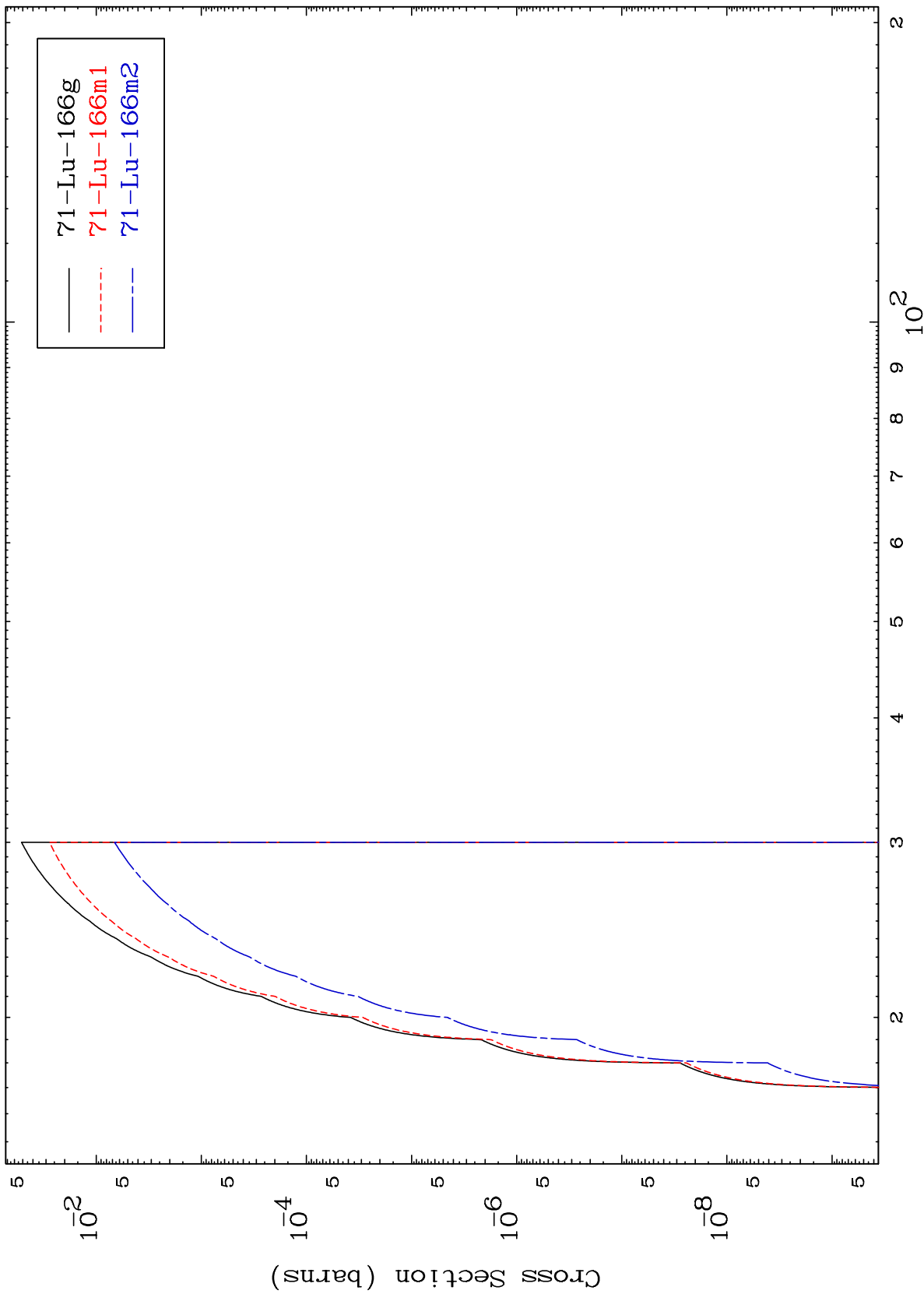
128

Incident Energy (MeV)

72-Hf-168



Radionuclide Production Cross Section

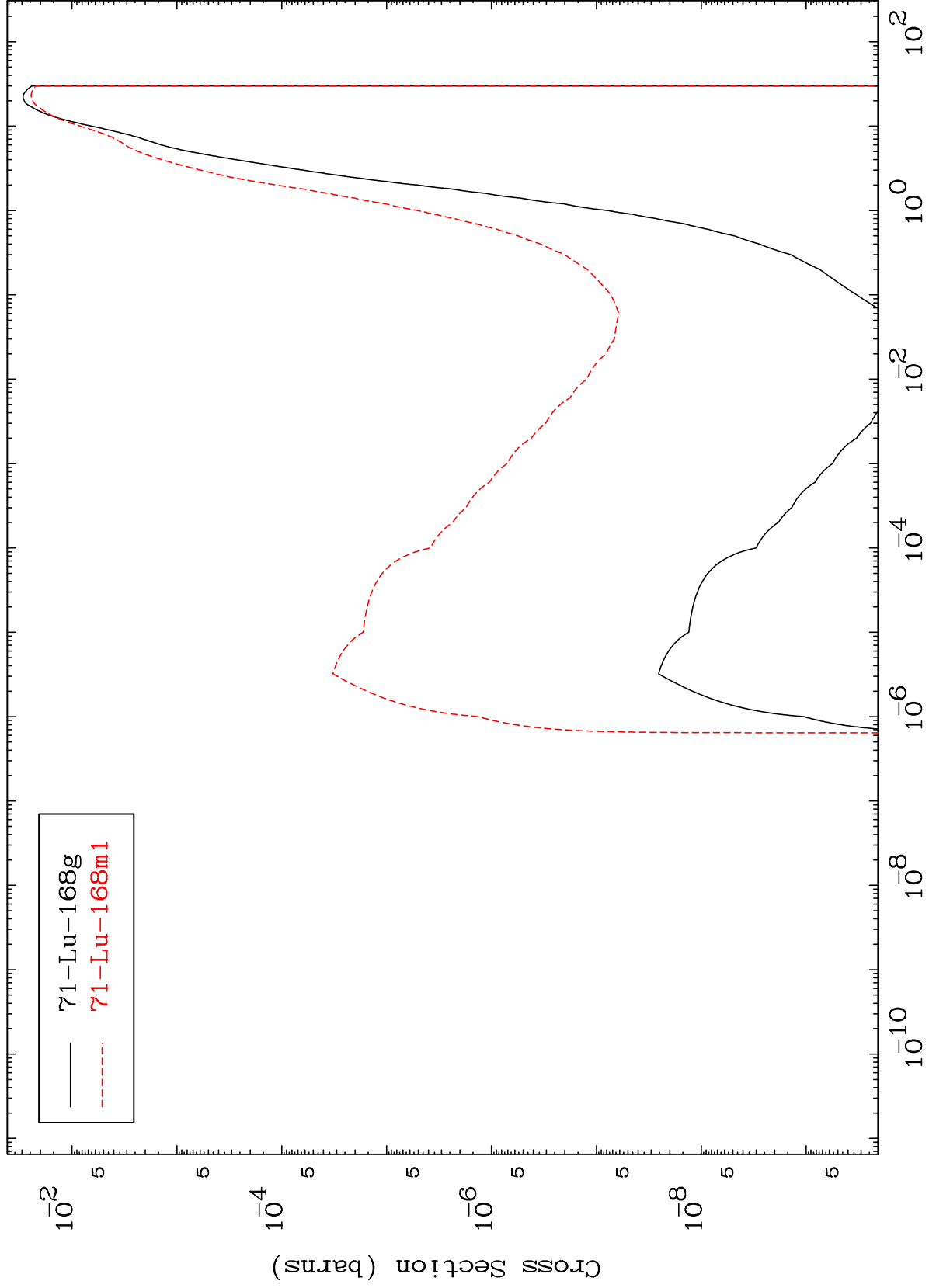
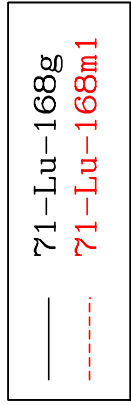


MAT 7207

(n,p)

72-Hf-168

Radionuclide Production Cross Section



131

Incident Energy (MeV)

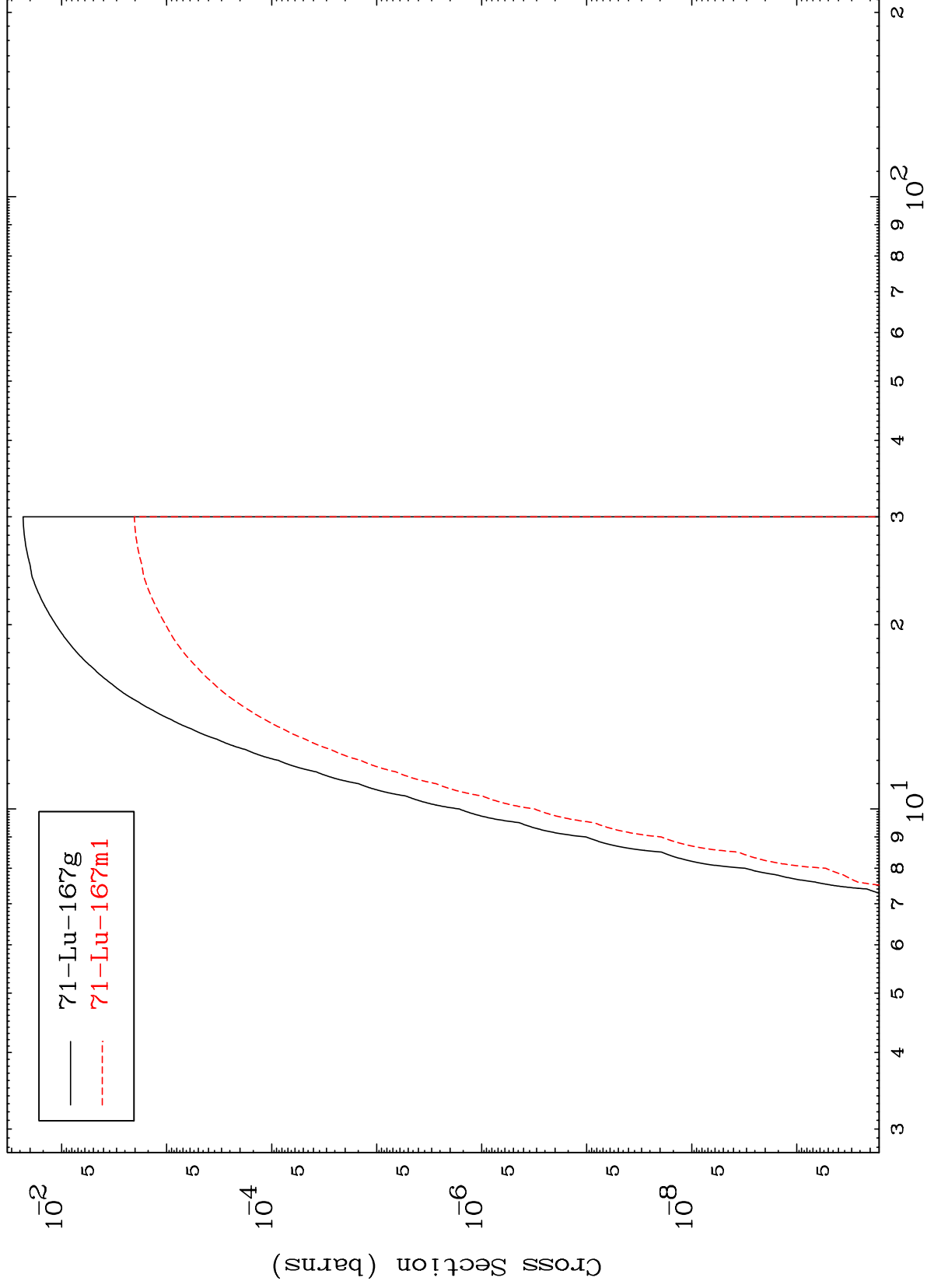
72-Hf-168

MAT 7207

(n, d)

72-Hf-168

Radionuclide Production Cross Section



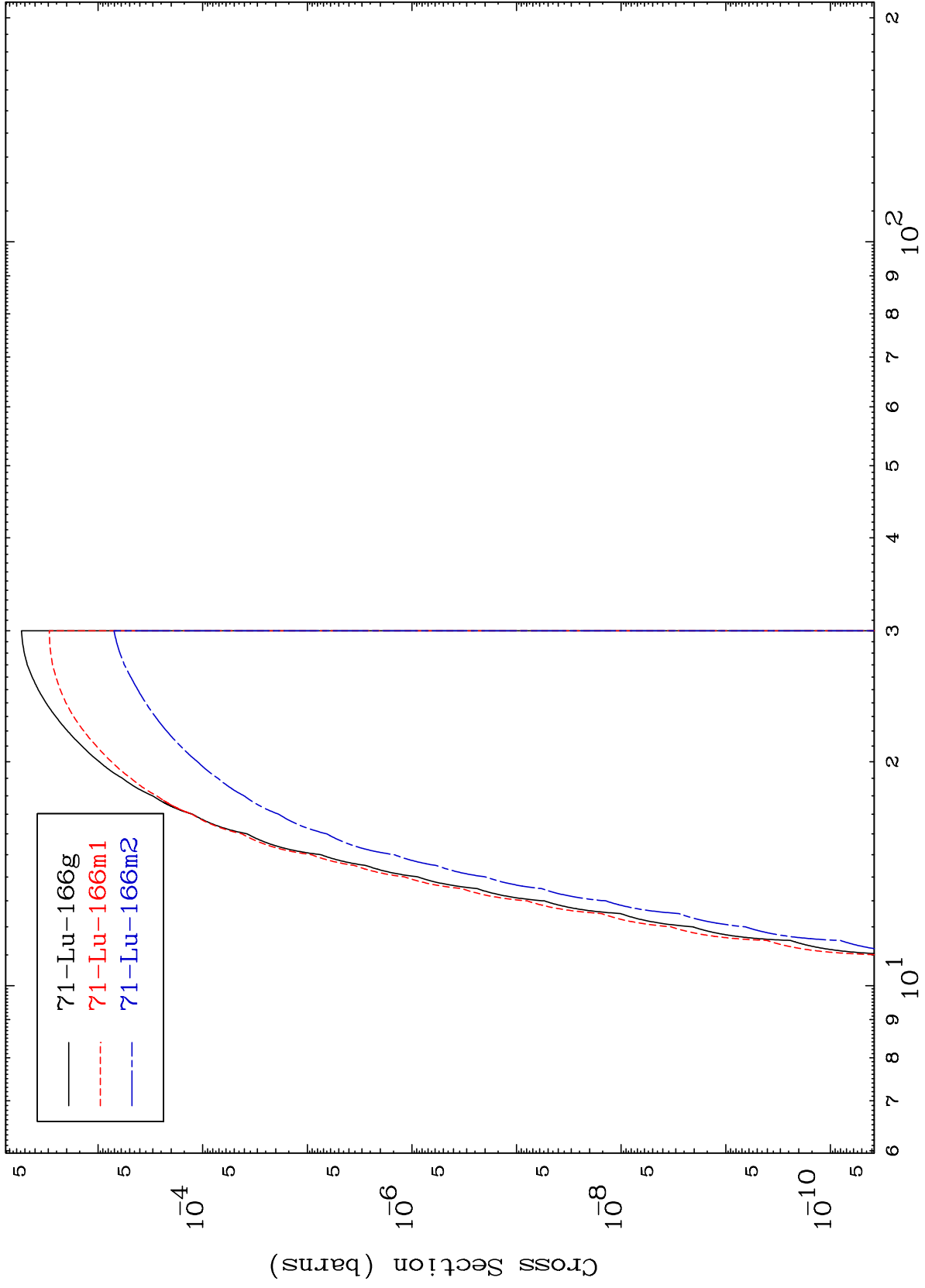
71-Lu-167g  
71-Lu-167m1

132

Incident Energy (MeV)

72-Hf-168

(n, t)  
Radionuclide Production Cross Section



MAT 7207

(n,p)  $\alpha$

72-Hf-168

Radionuclide Production Cross Section

