

Program EVALPLOT
(Version 2018-1)

by

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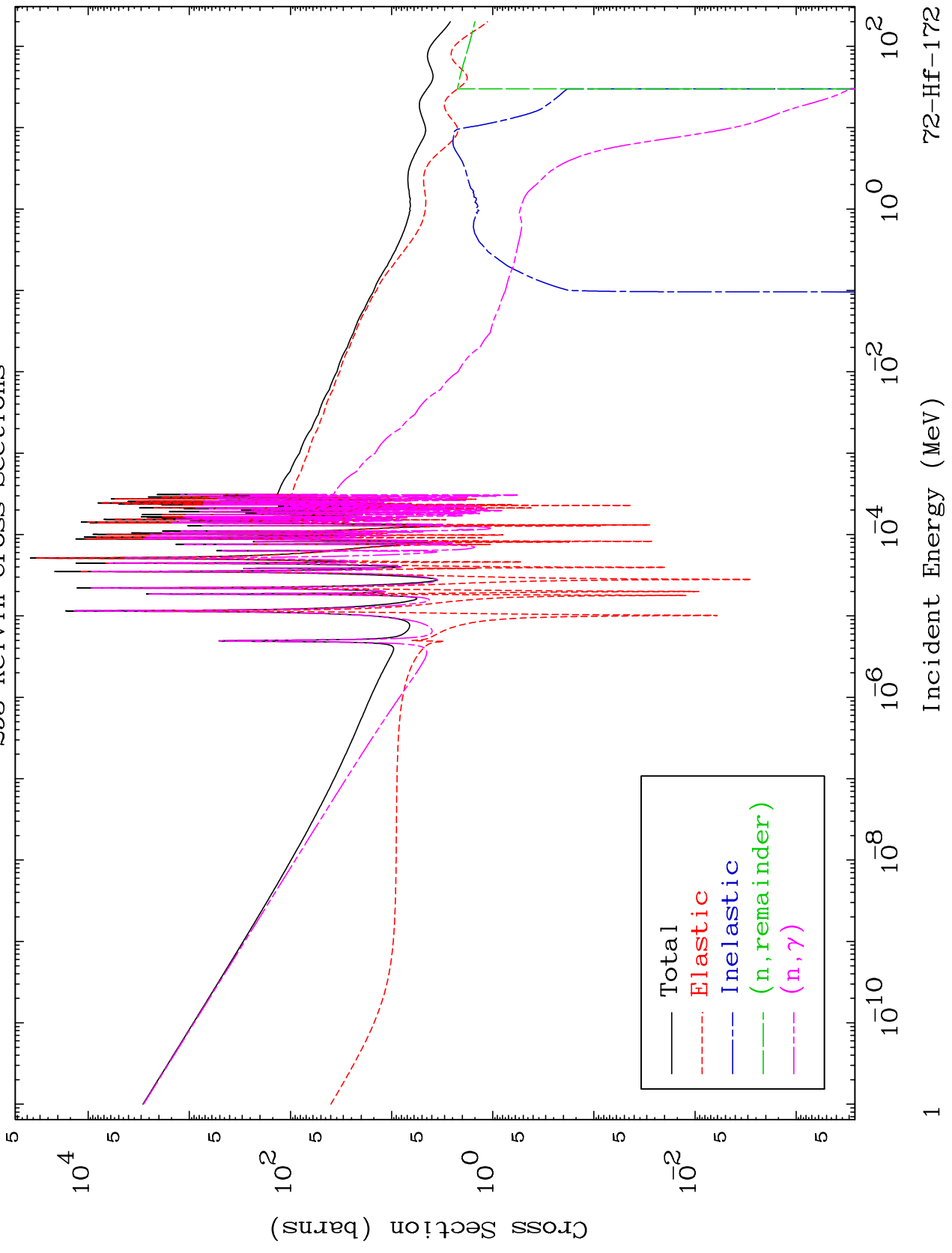
Press Mouse Button to Start

MAT 7219

Major

72-Hf-172

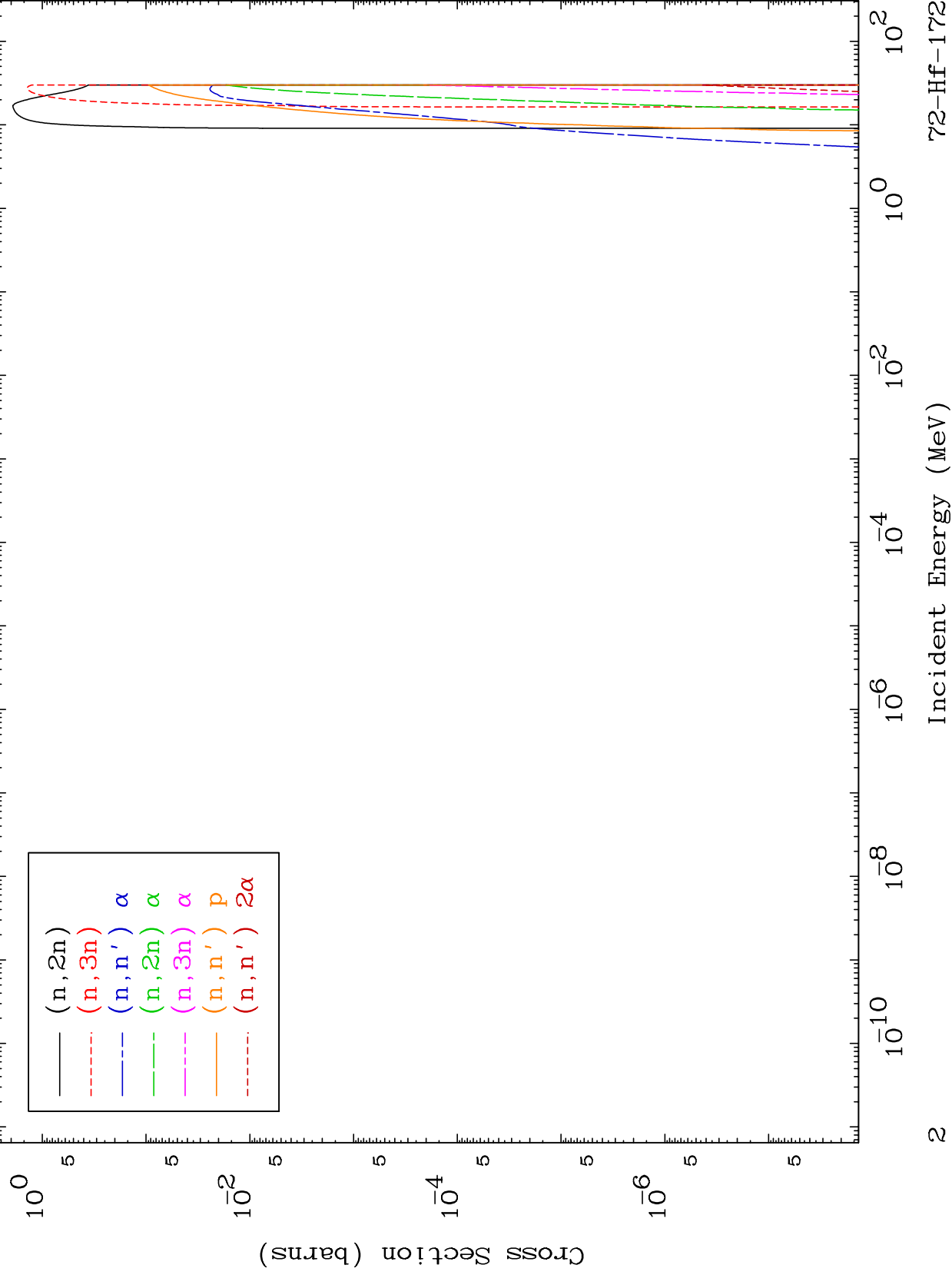
293 Kelvin Cross Sections

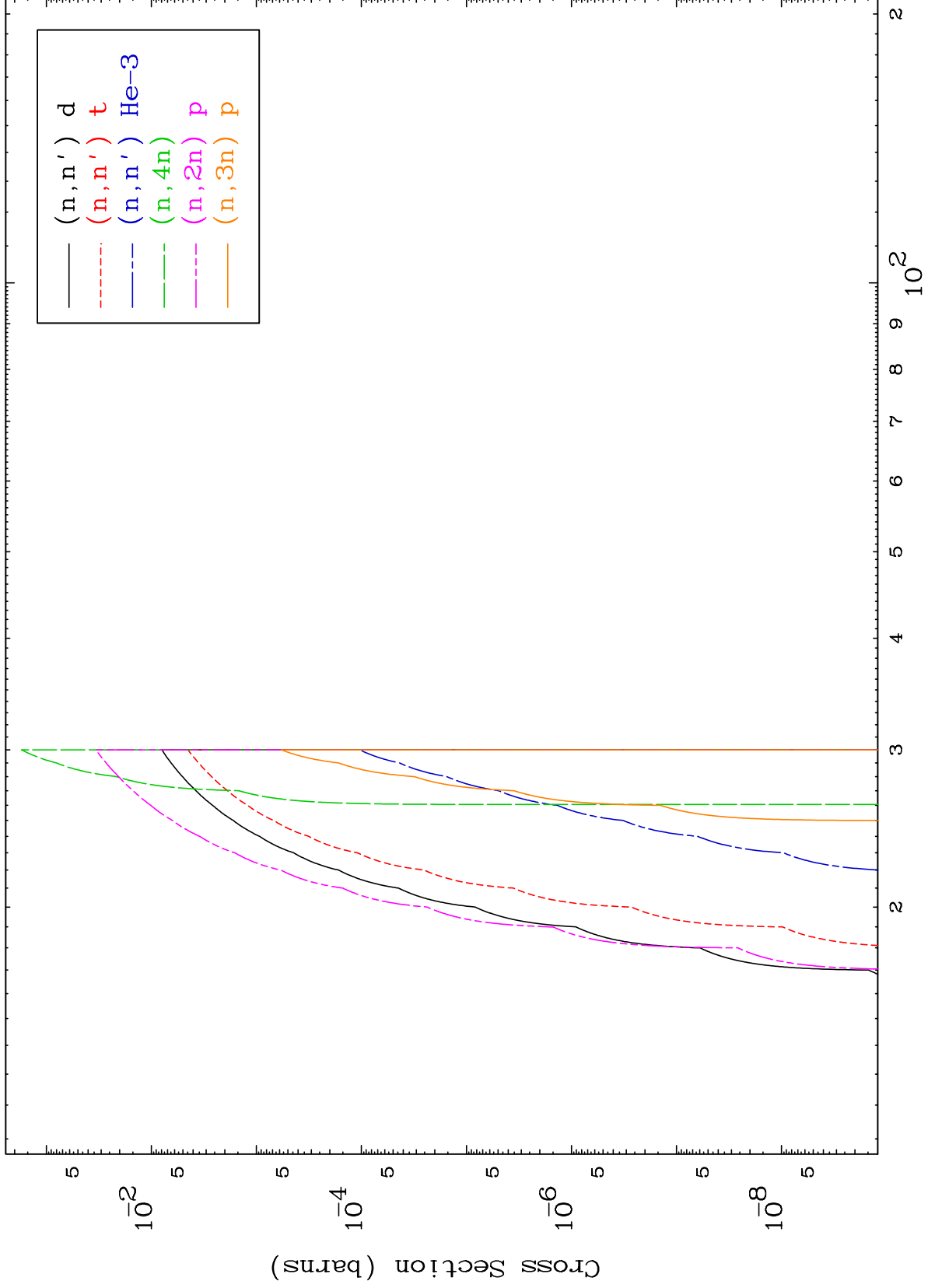


MAT 7219

Neutron Production
293 Kelvin Cross Sections

72-Hf-172

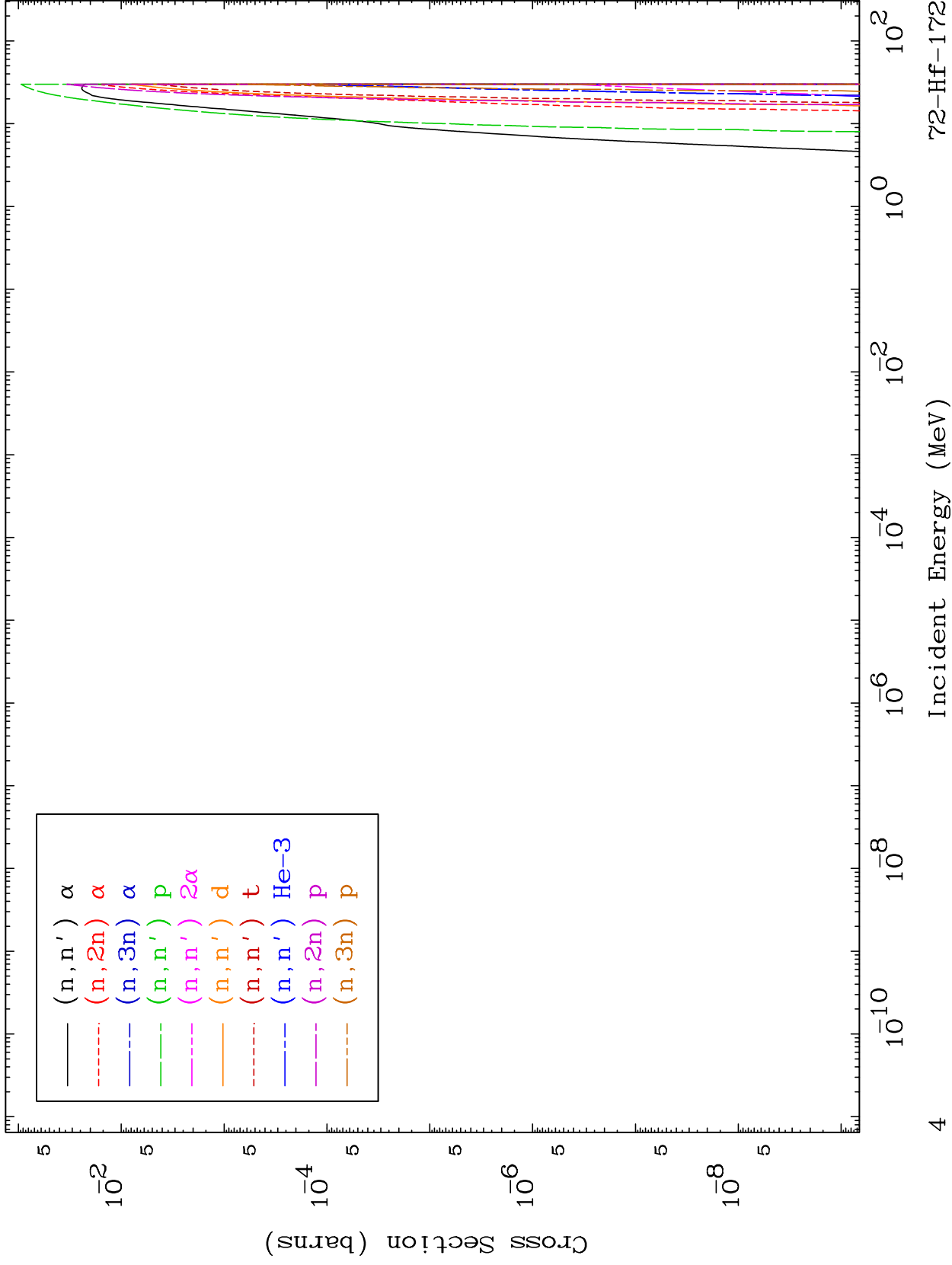




MAT 7219

Charged Particle
293 Kelvin Cross Sections

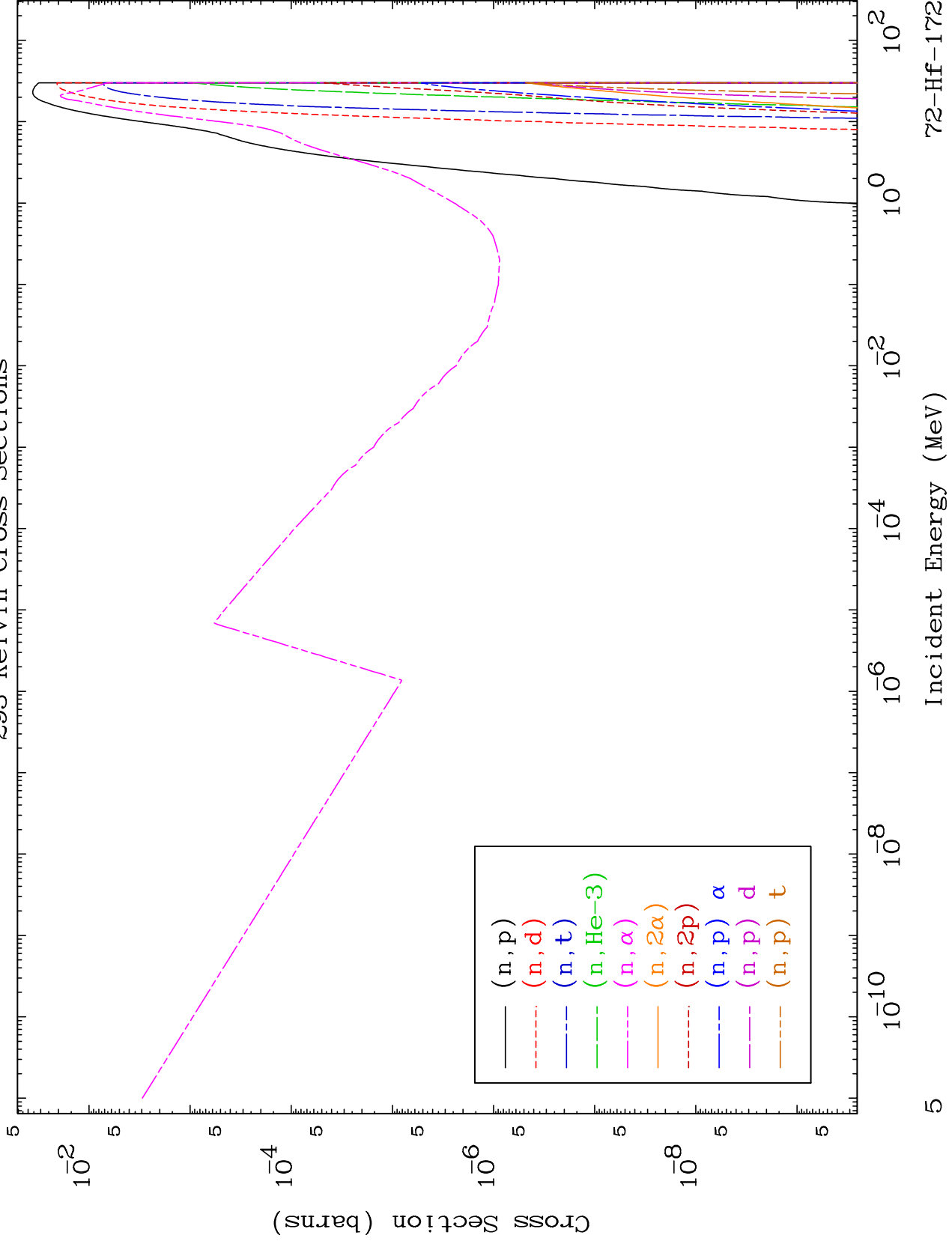
72-Hf-172



MAT 7219

Charged Particle
293 Kelvin Cross Sections

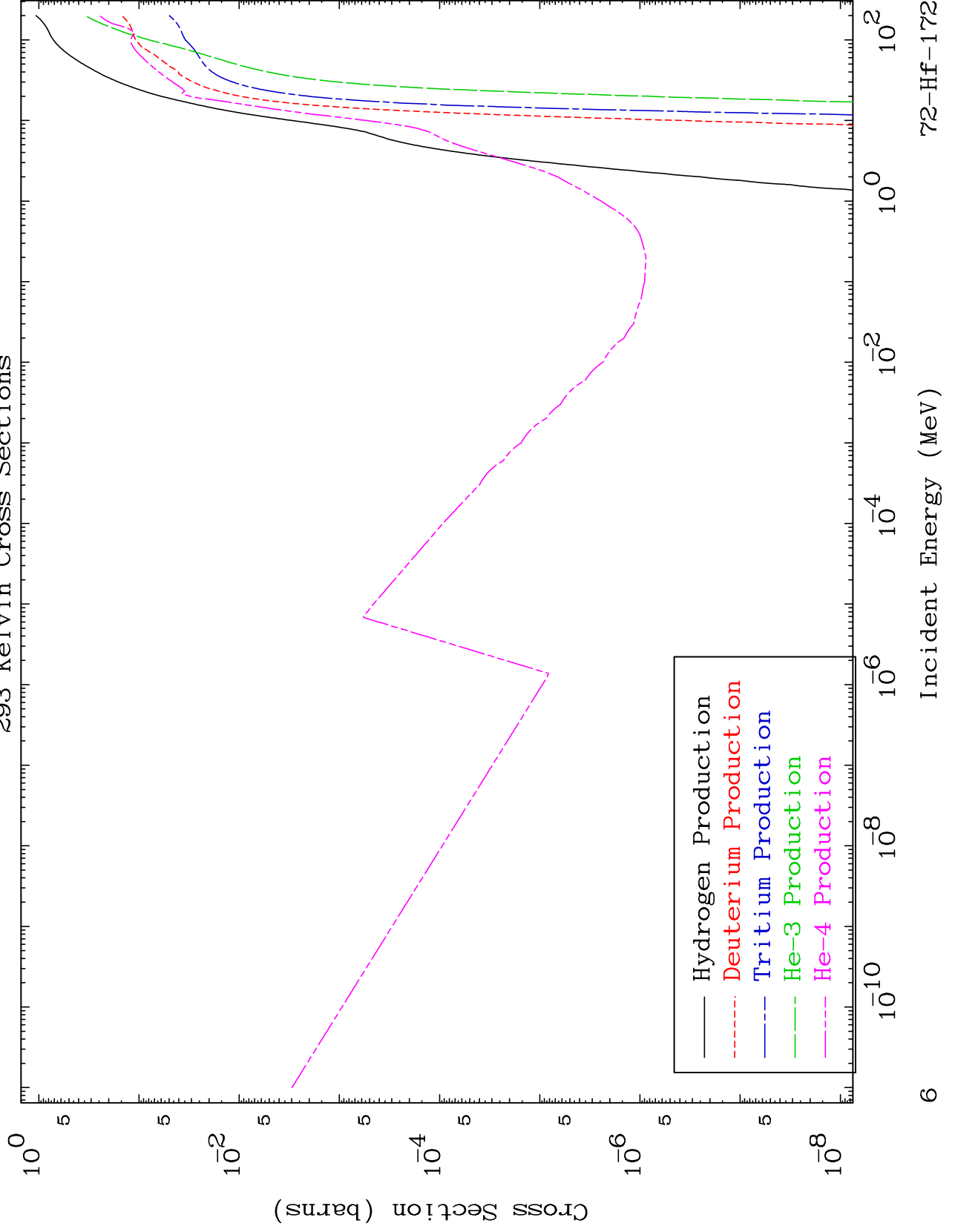
72-Hf-172



MAT 7219

Particle Production
293 Kelvin Cross Sections

72-Hf-172

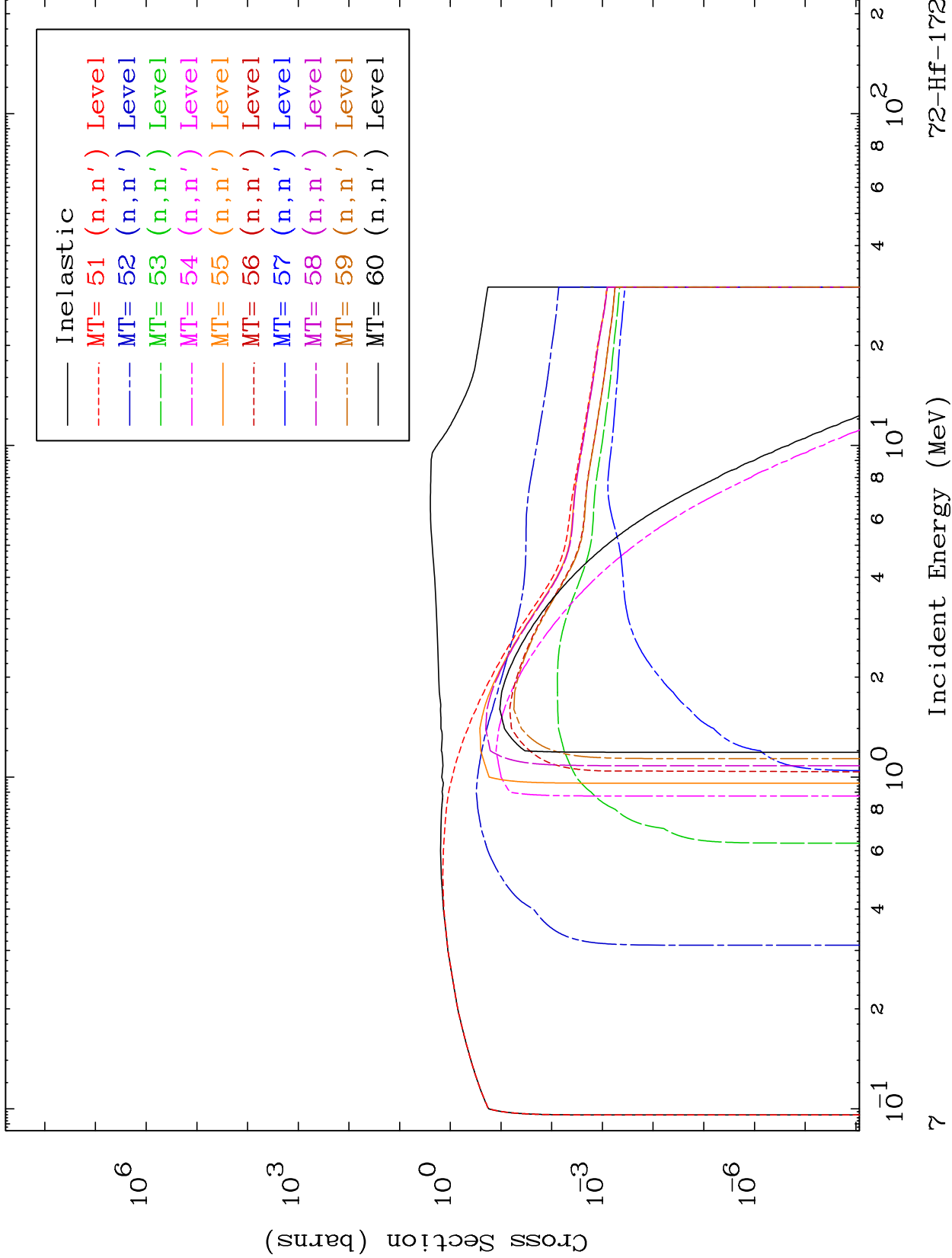


MAT 7219

(n,n') Level

72-Hf-172

293 Kelvin Cross Sections



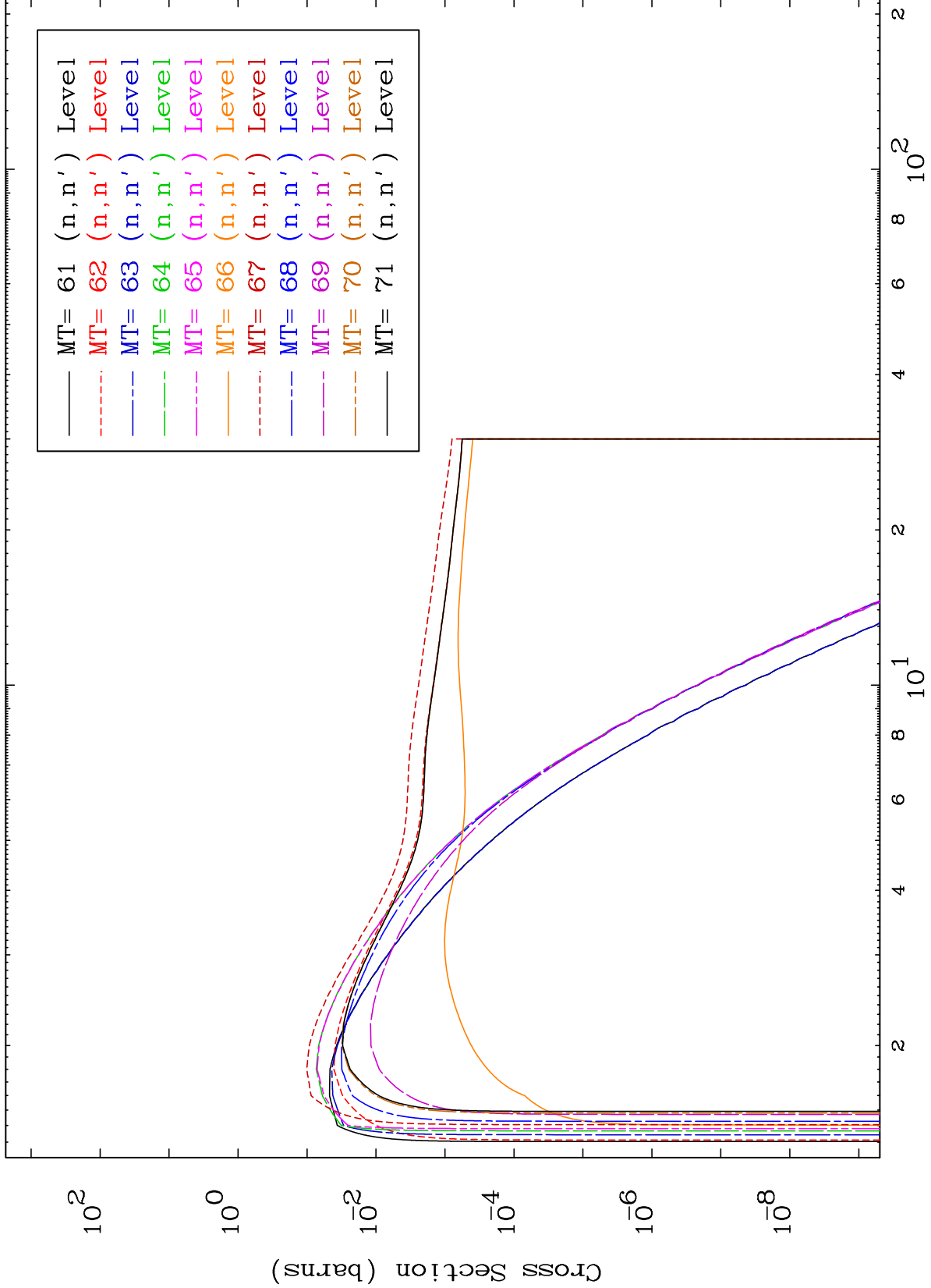
7

MAT 7219

(n,n') Level

293 Kelvin Cross Sections

72-Hf-172

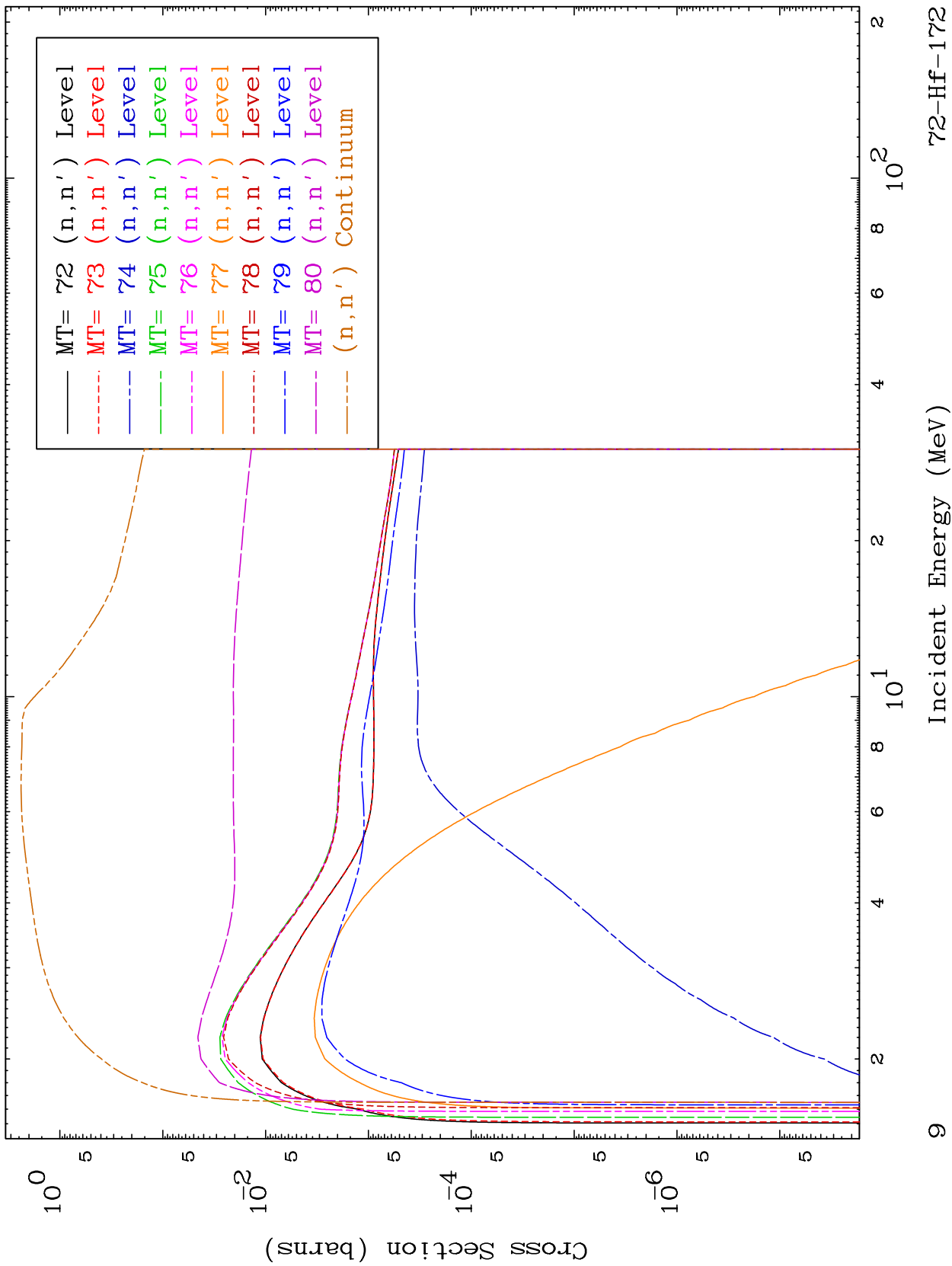


8

Incident Energy (MeV)

72-Hf-172

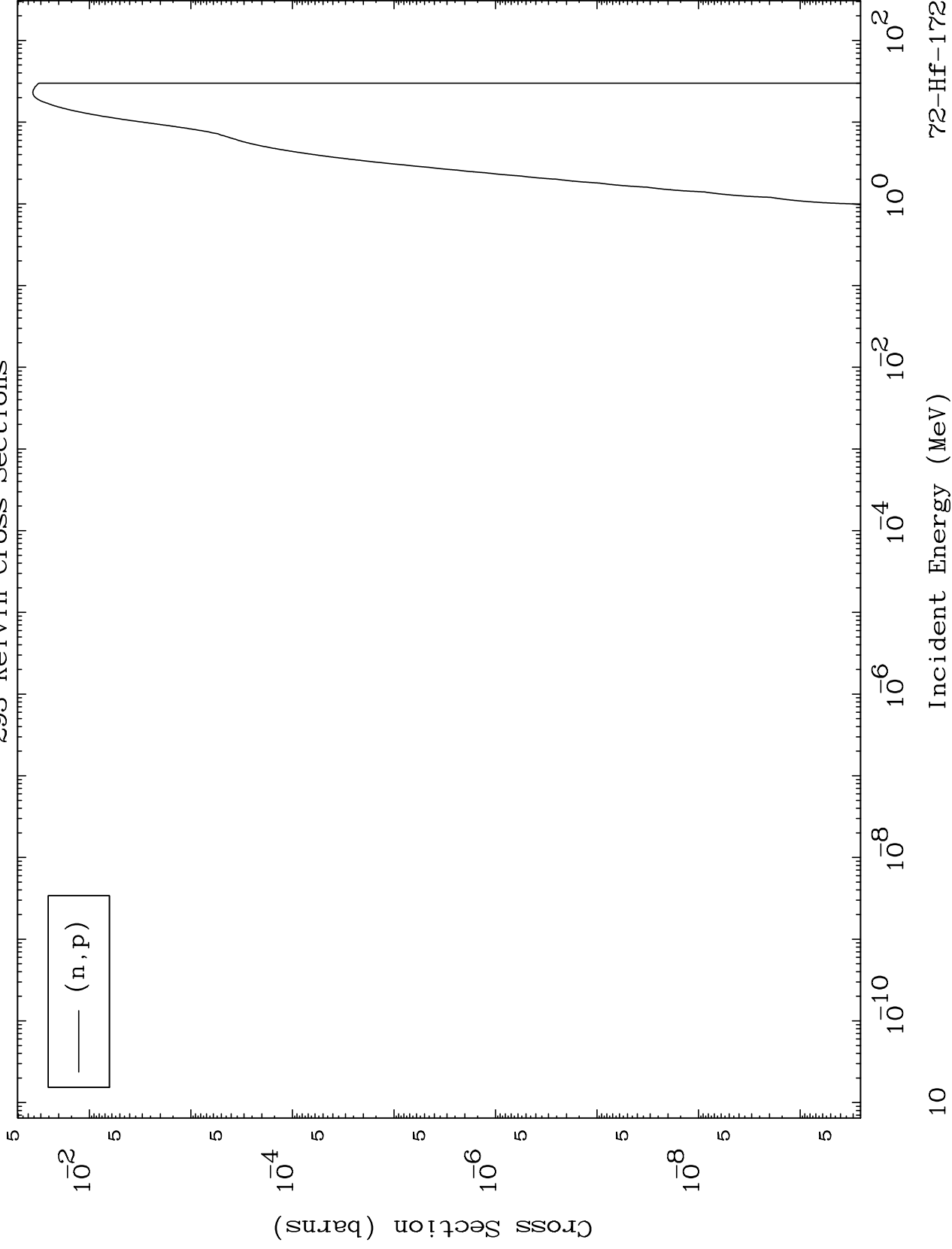
293 Kelvin Cross Sections



MAT 7219

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-172



10

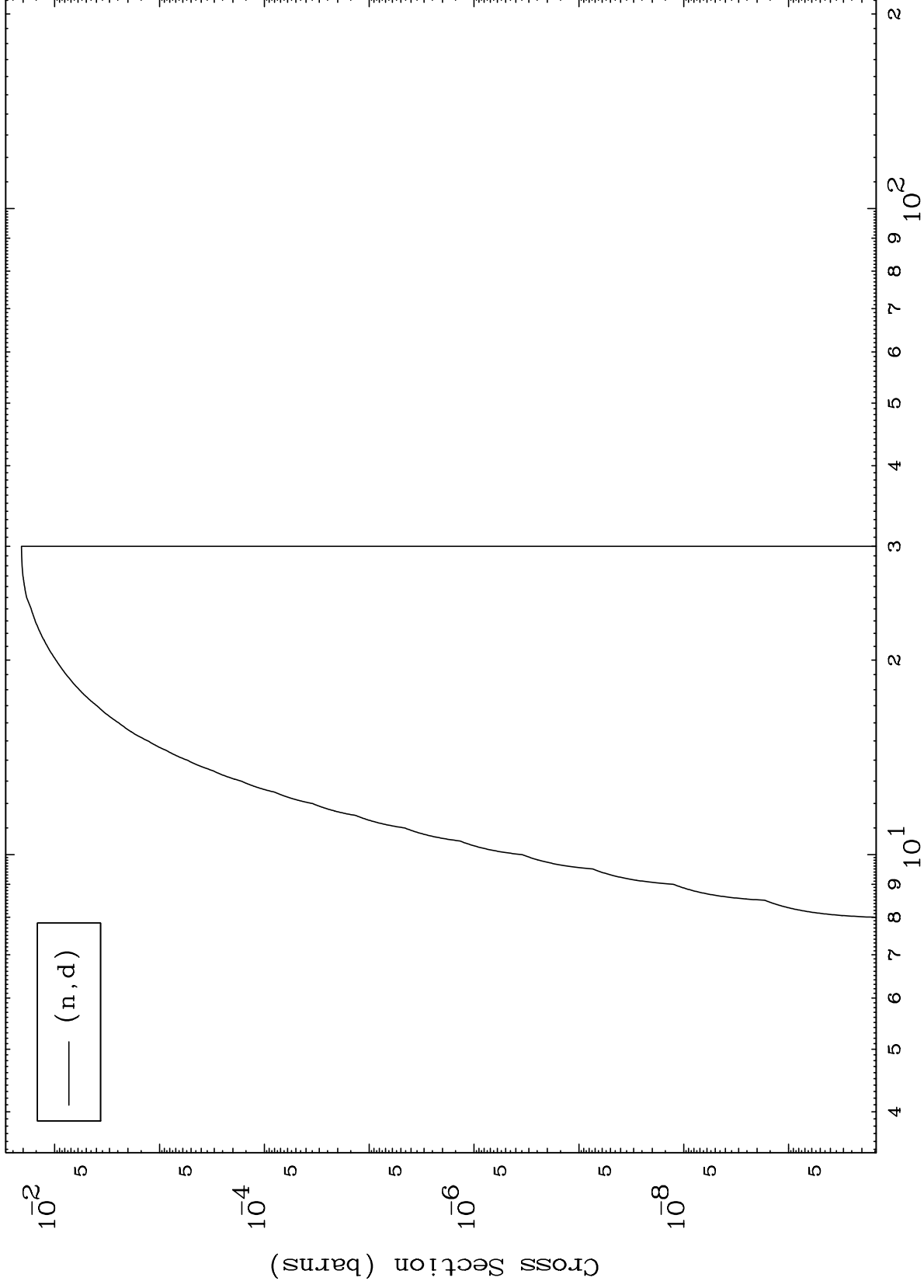
Incident Energy (MeV)

72-Hf-172

MAT 7219

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-172



11

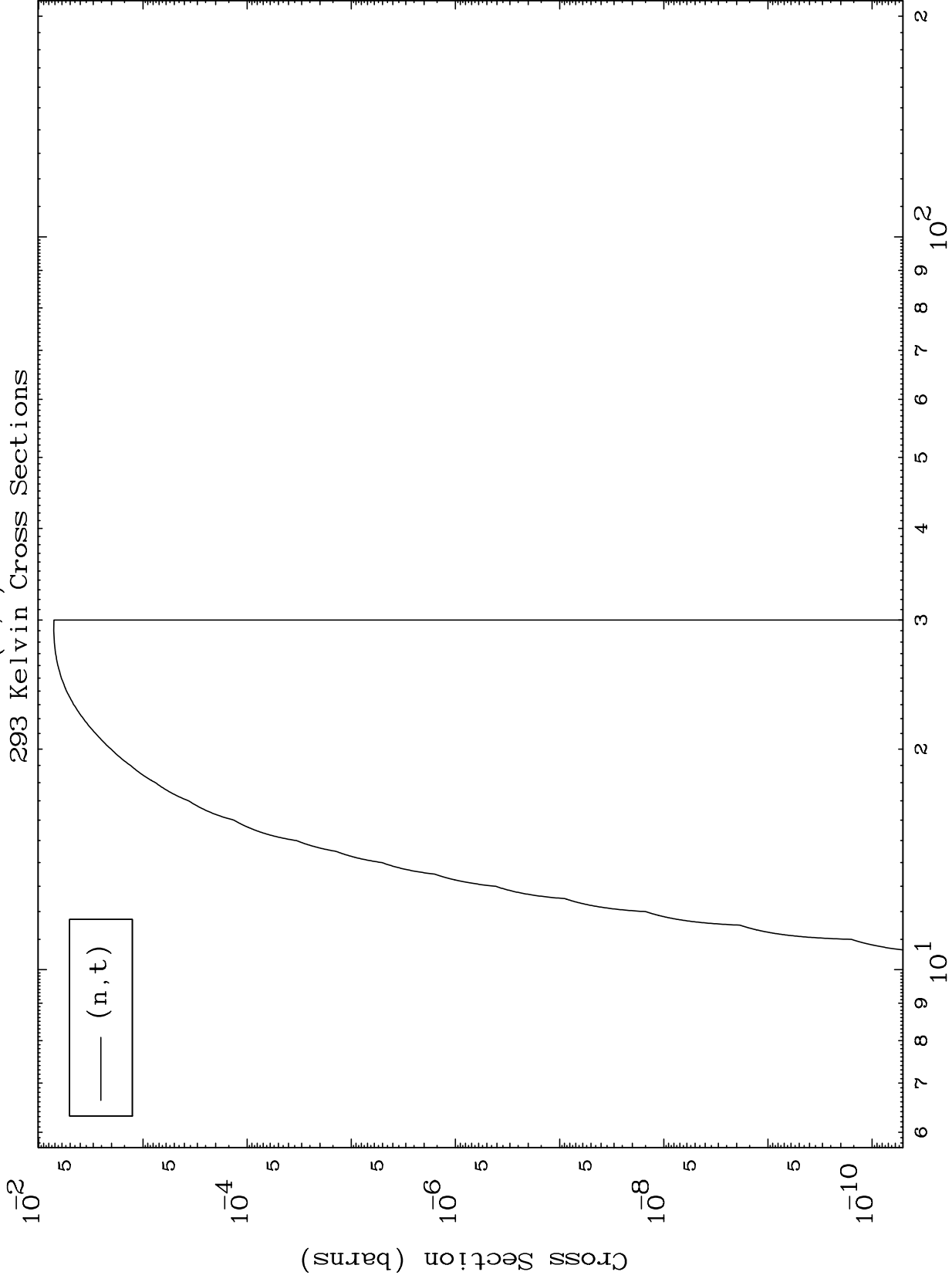
Incident Energy (MeV)

72-Hf-172

MAT 7219

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-172



12

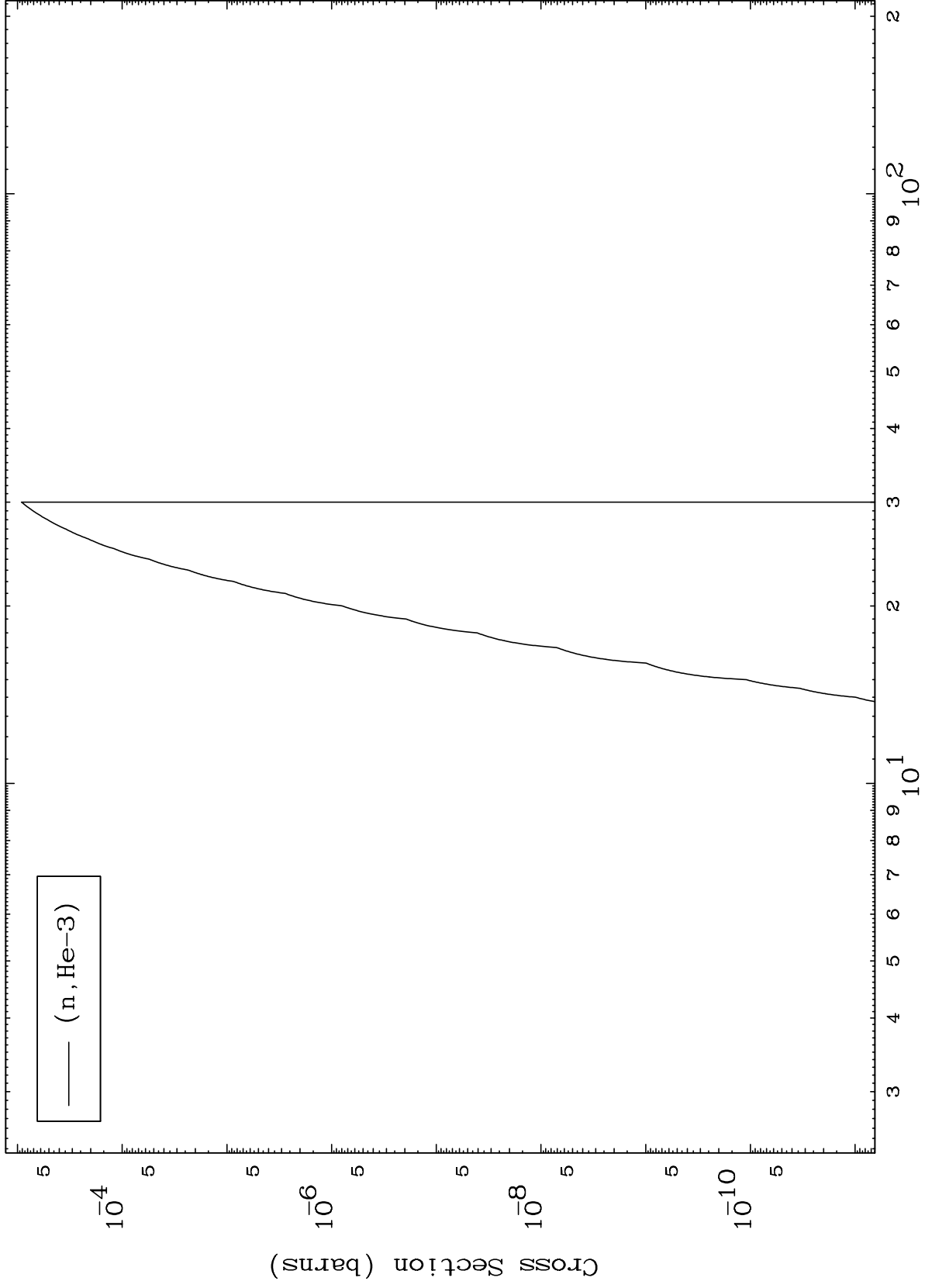
Incident Energy (MeV)

72-Hf-172

MAT 7219

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-172



13

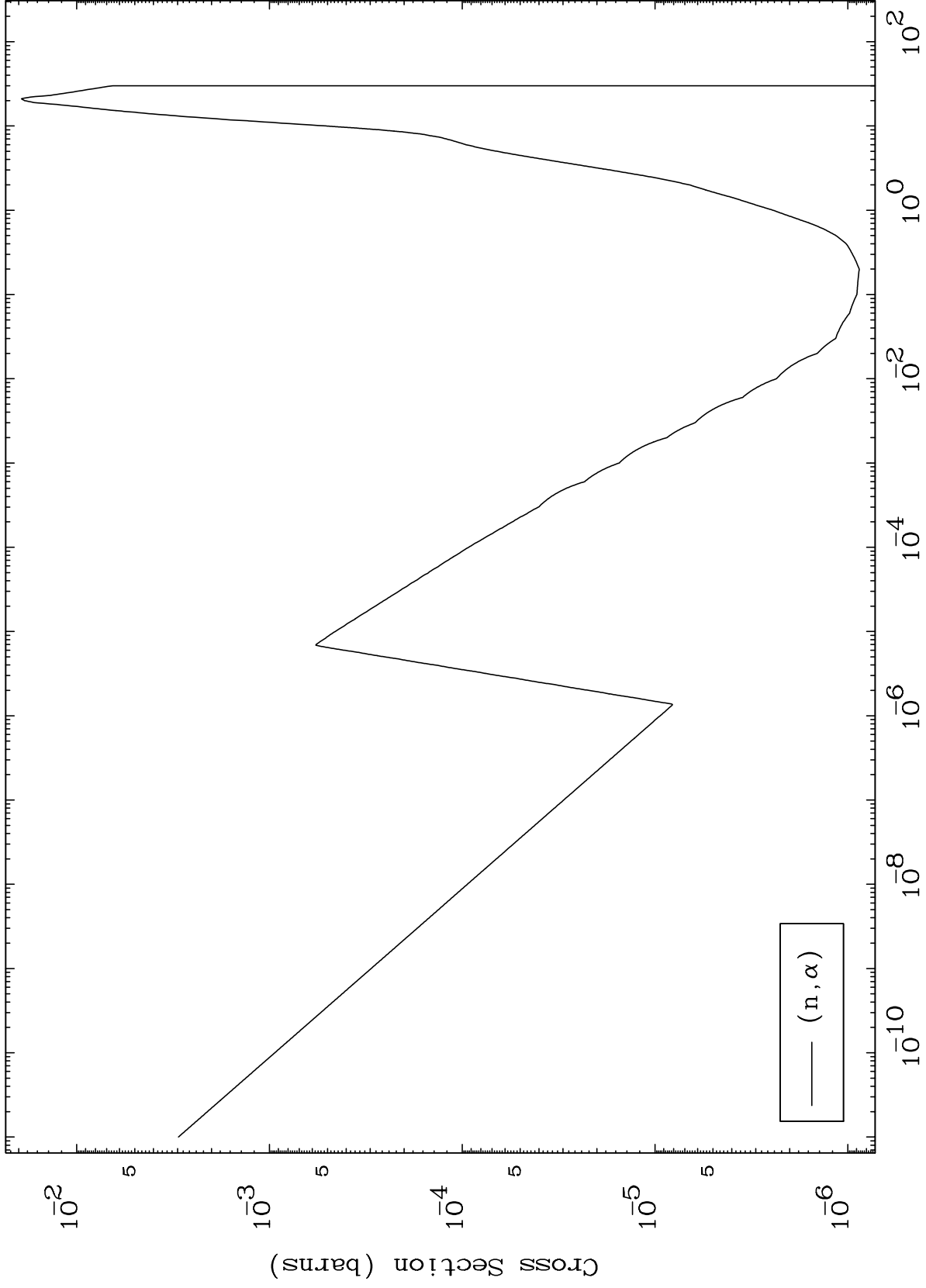
Incident Energy (MeV)

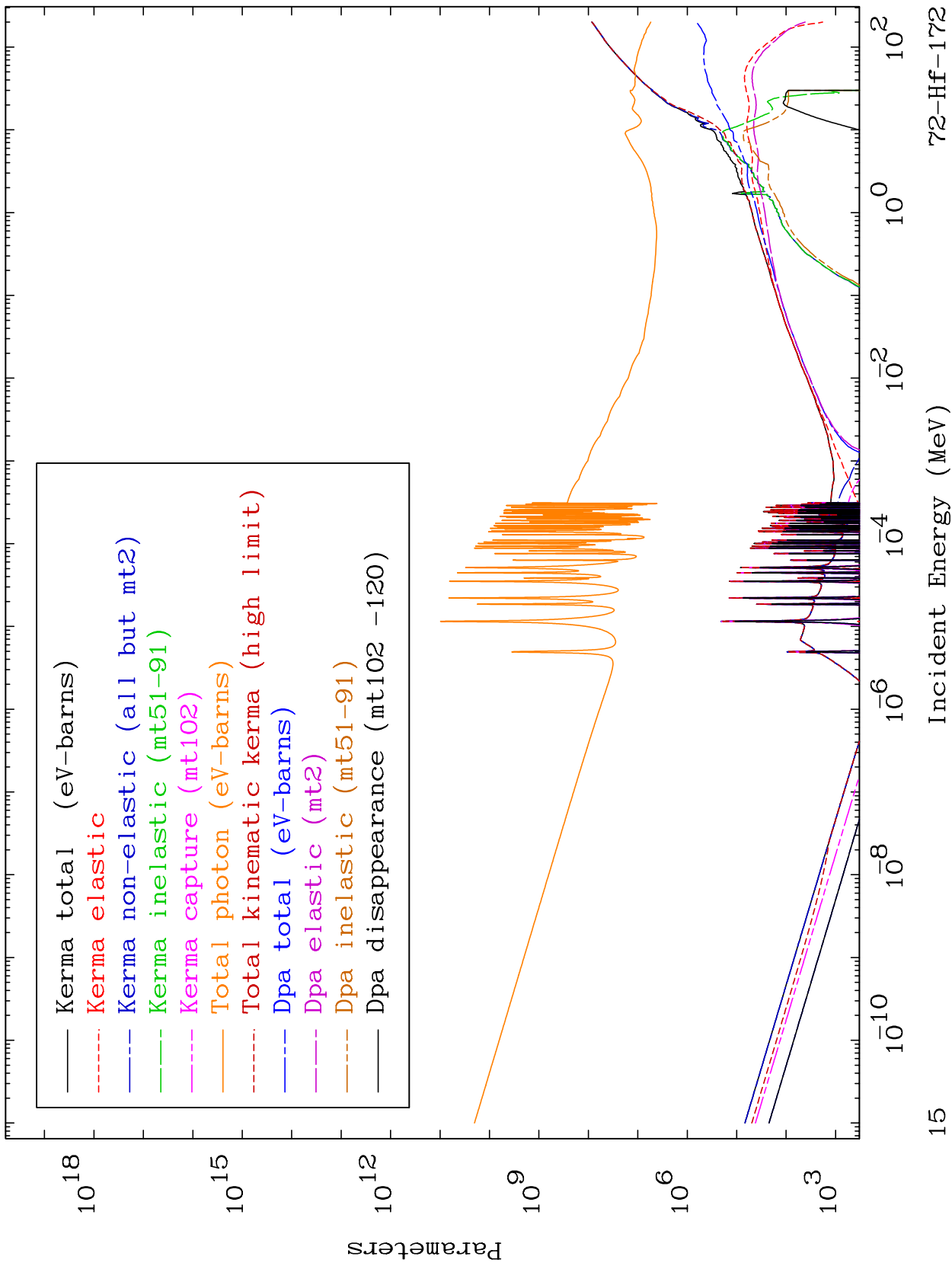
72-Hf-172

MAT 7219

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-172

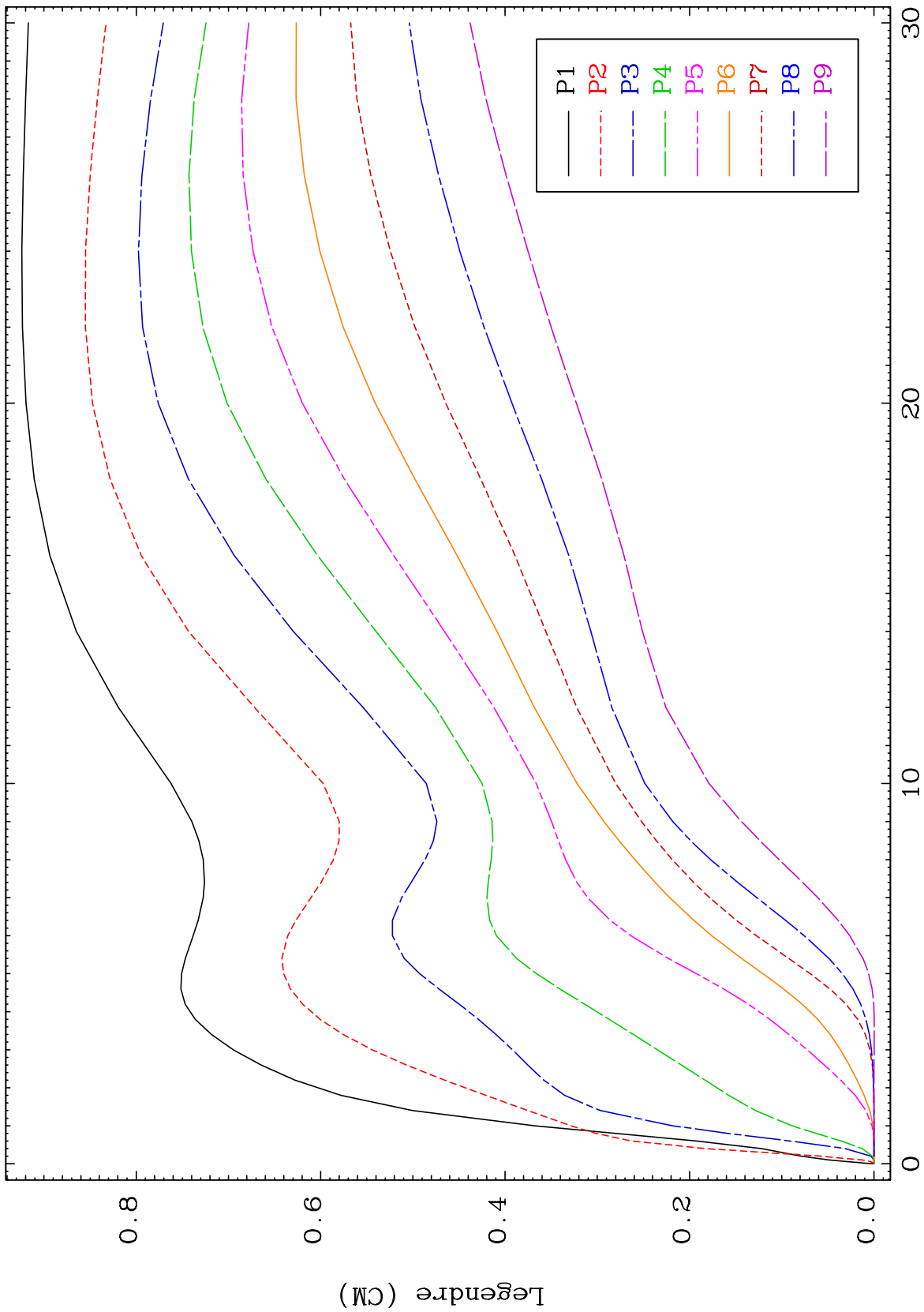




MAT 7219

Elastic Legendre Coefficients

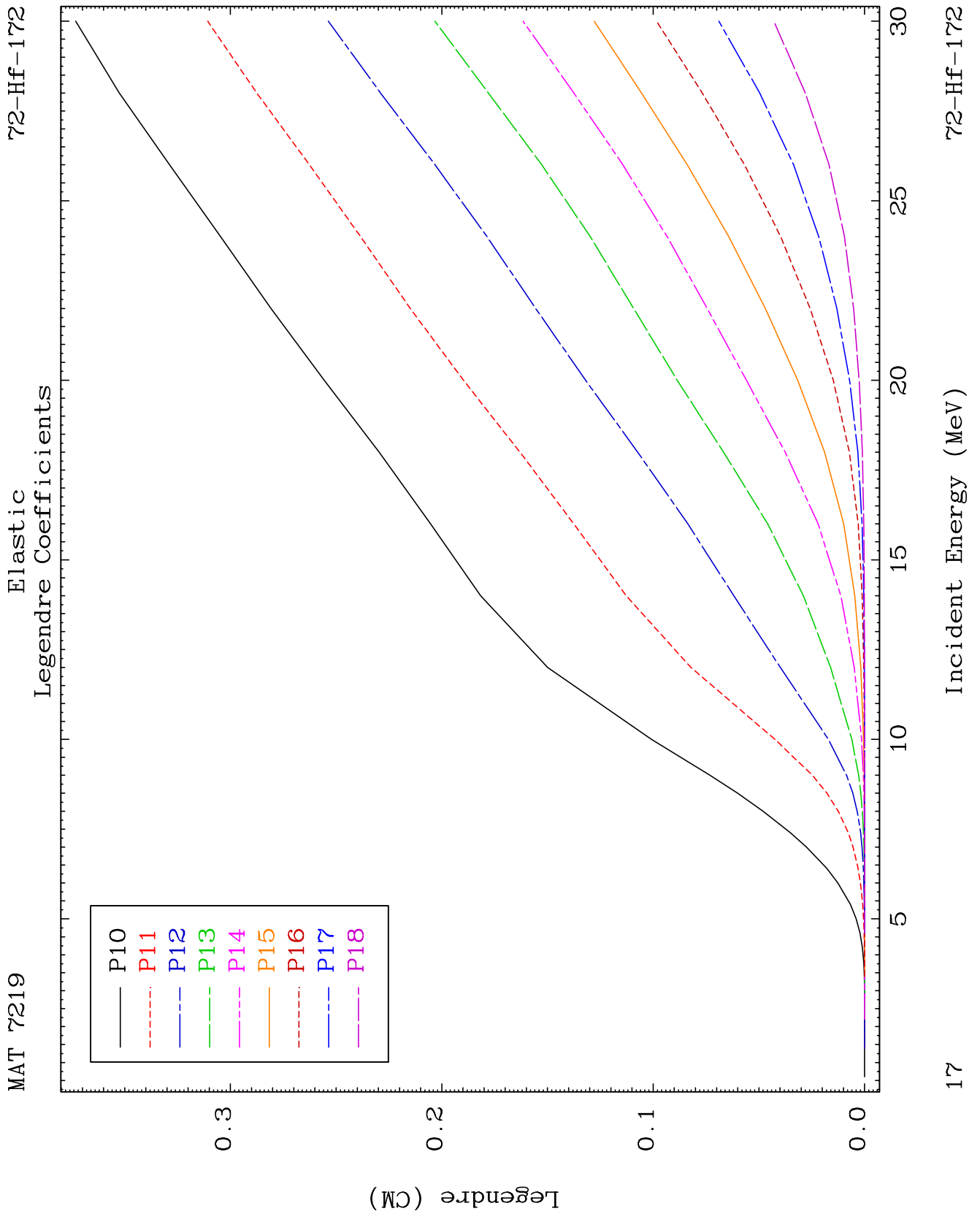
72-Hf-172



16

Incident Energy (MeV)

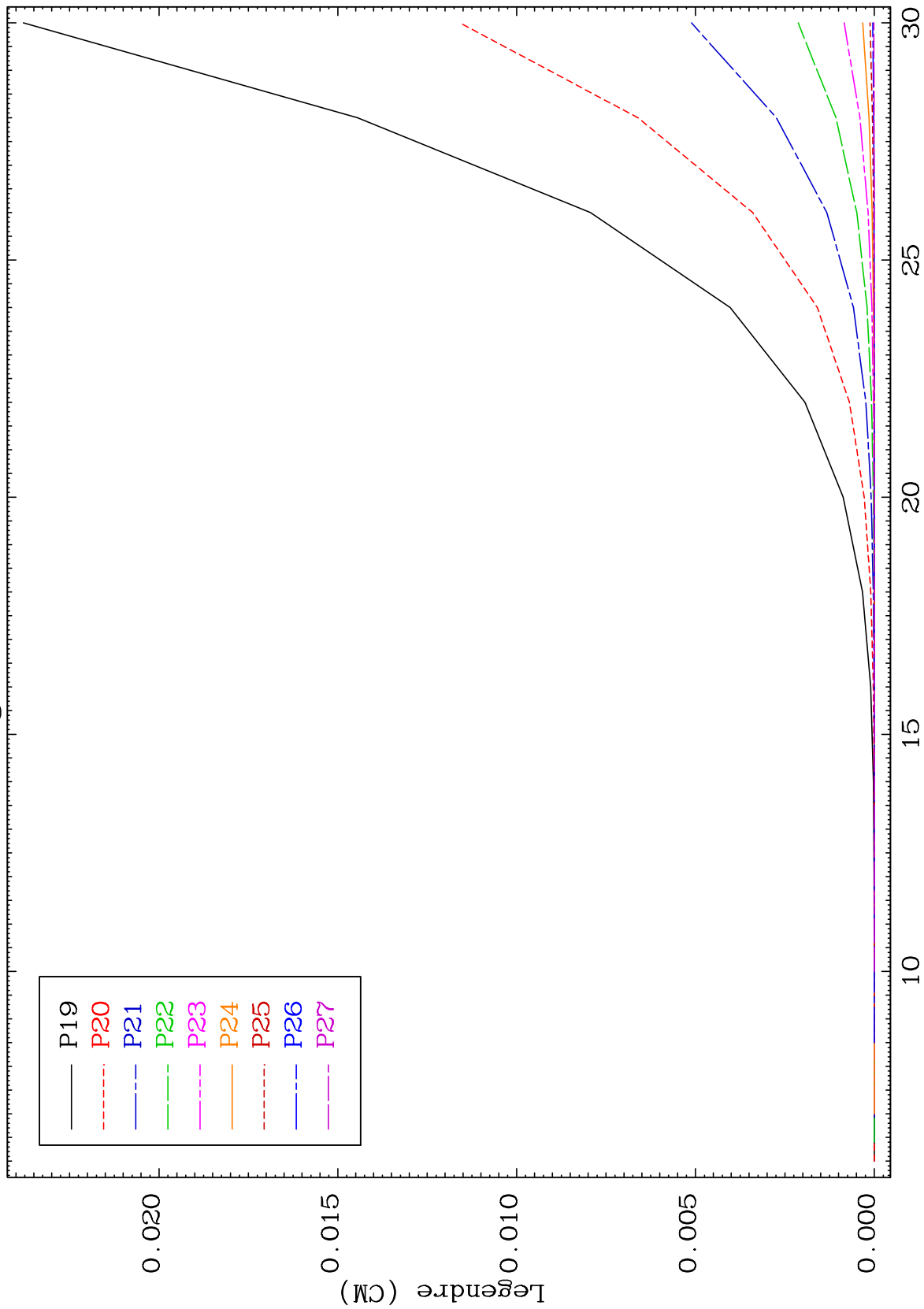
72-Hf-172



MAT 7219

Elastic
Legendre Coefficients

72-Hf-172



18

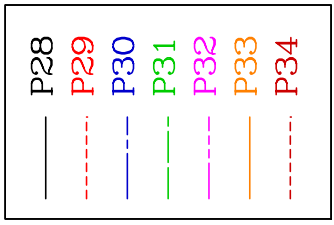
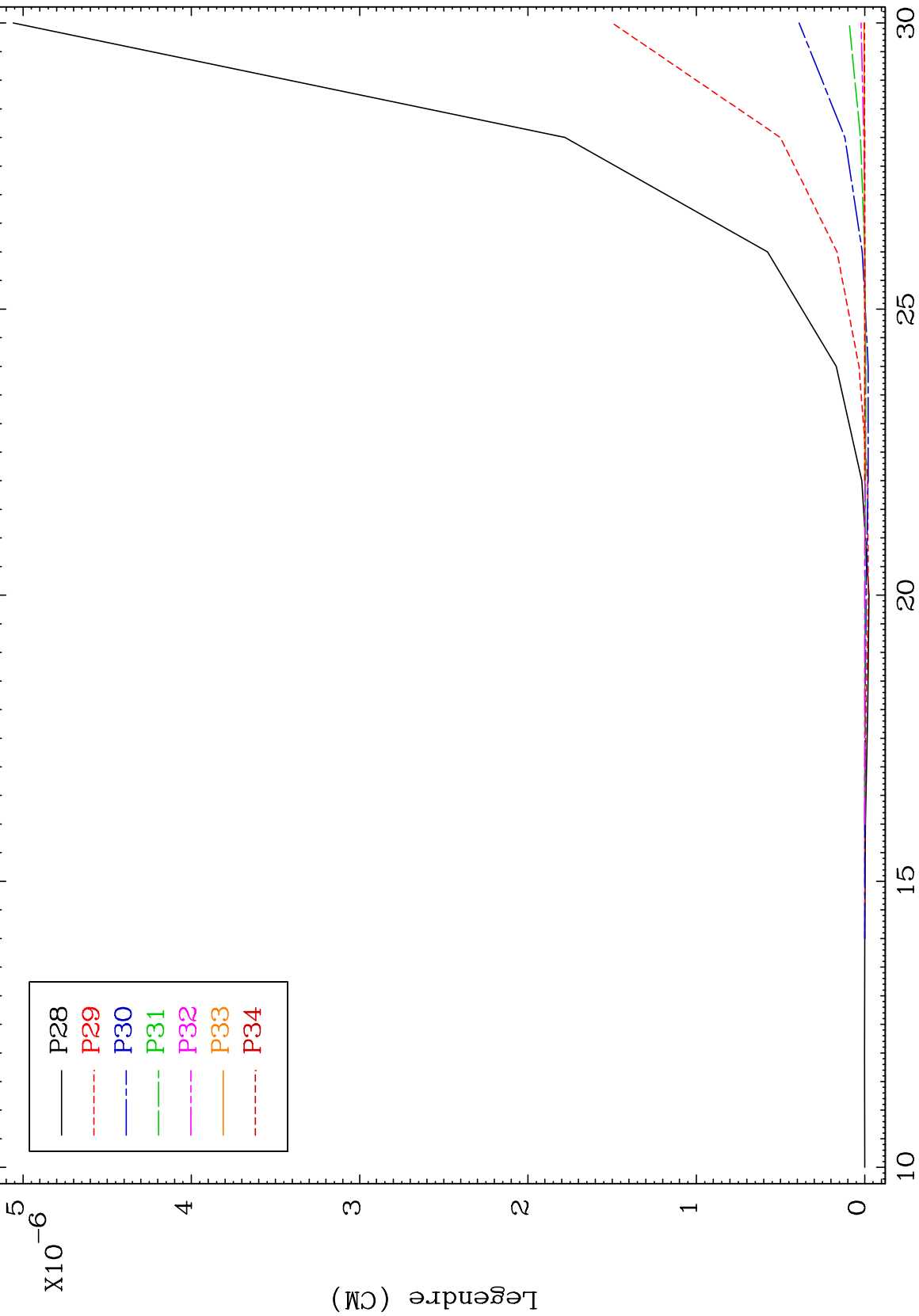
Incident Energy (MeV)

72-Hf-172

MAT 7219

Elastic Legendre Coefficients

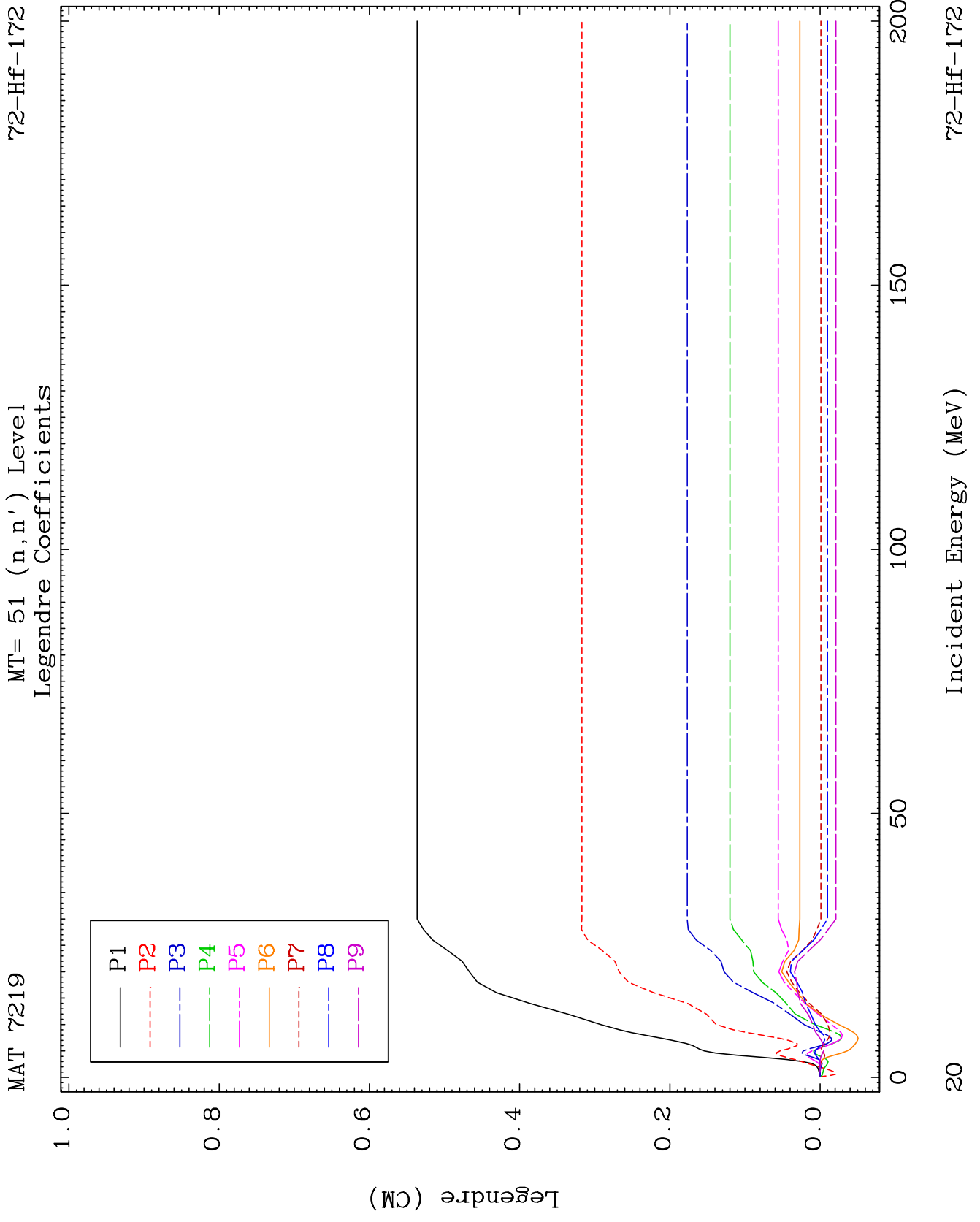
72-Hf-172



10

Incident Energy (MeV)

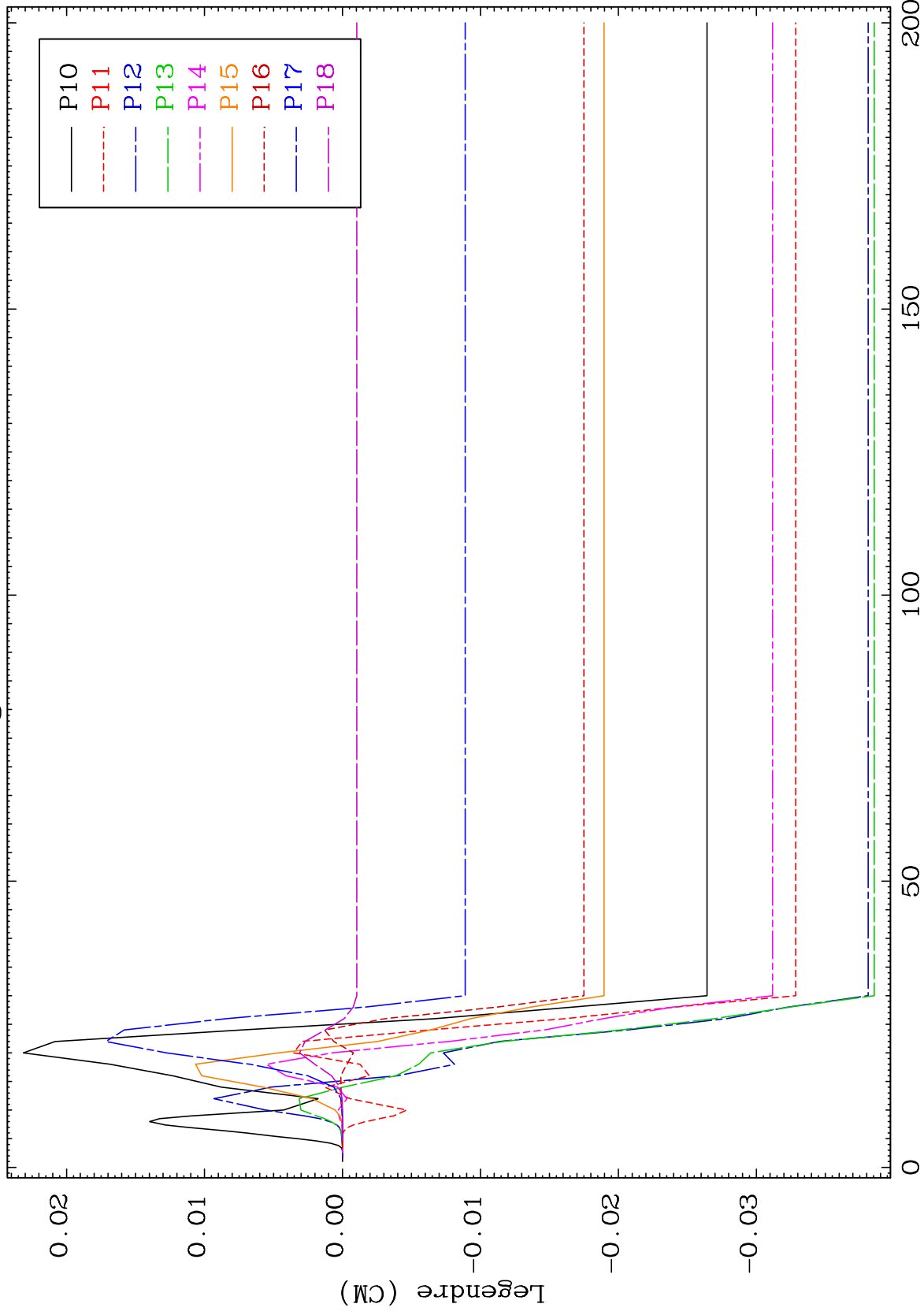
72-Hf-172

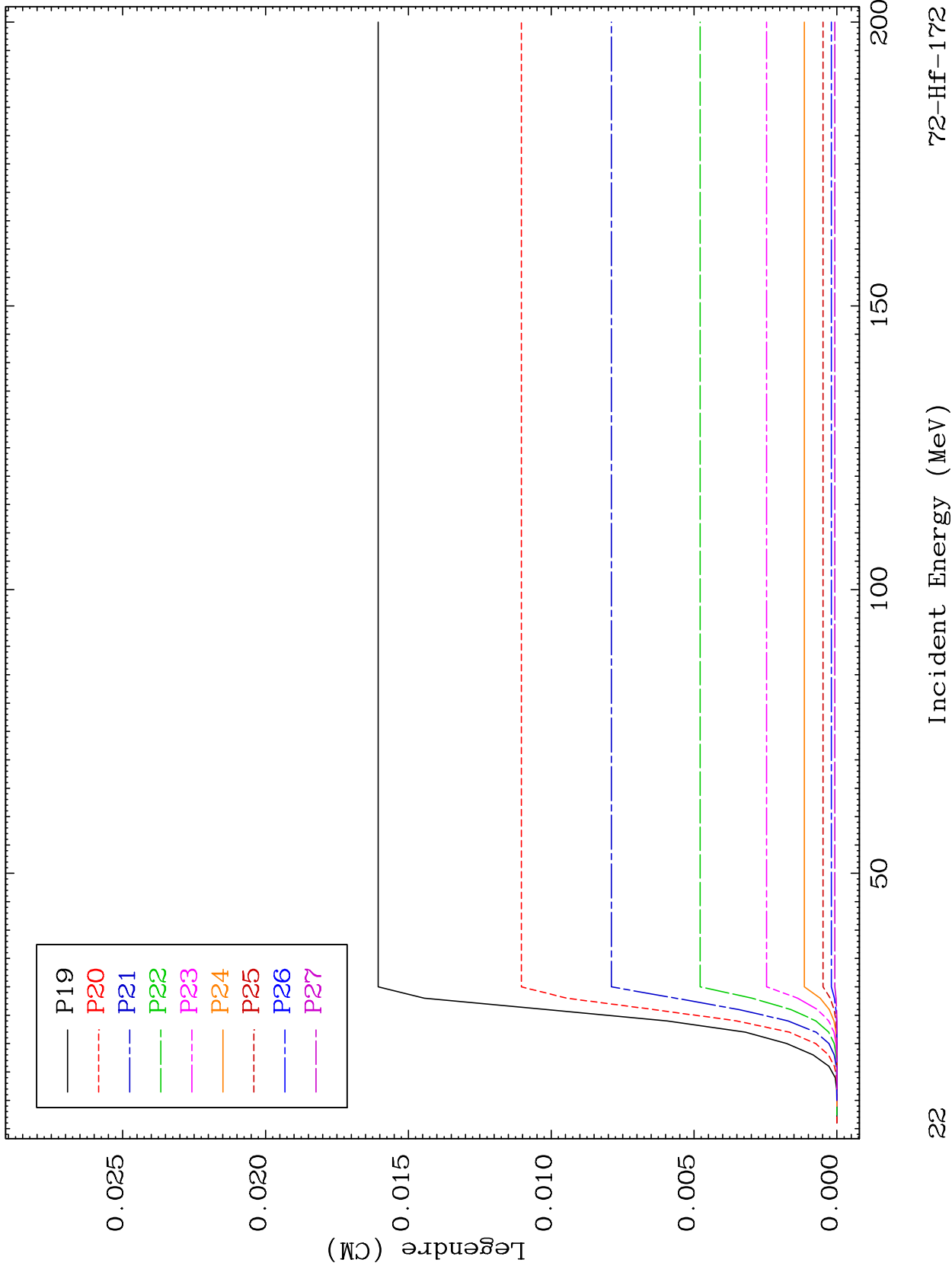


MAT 7219

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

72-Hf-172

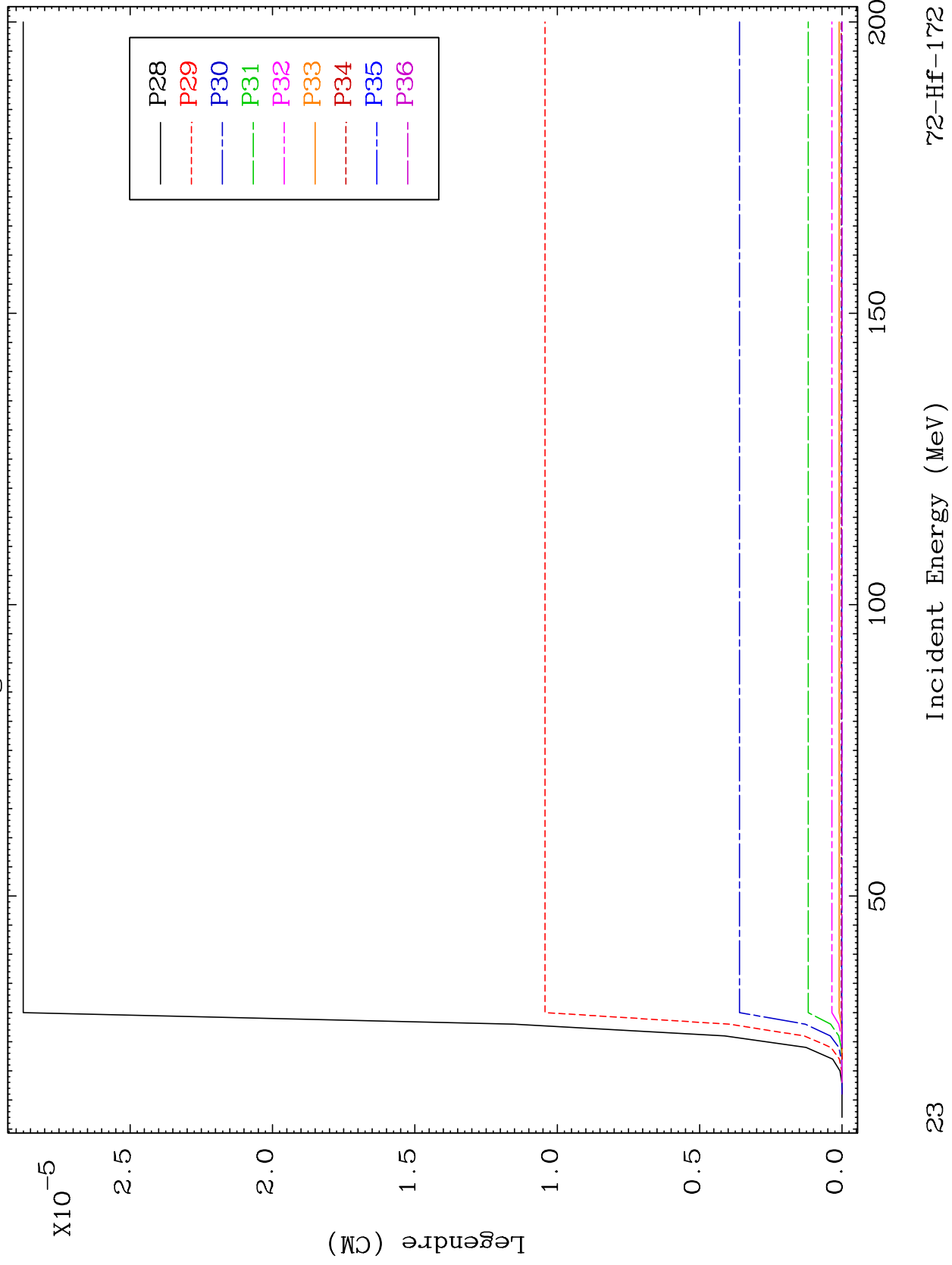


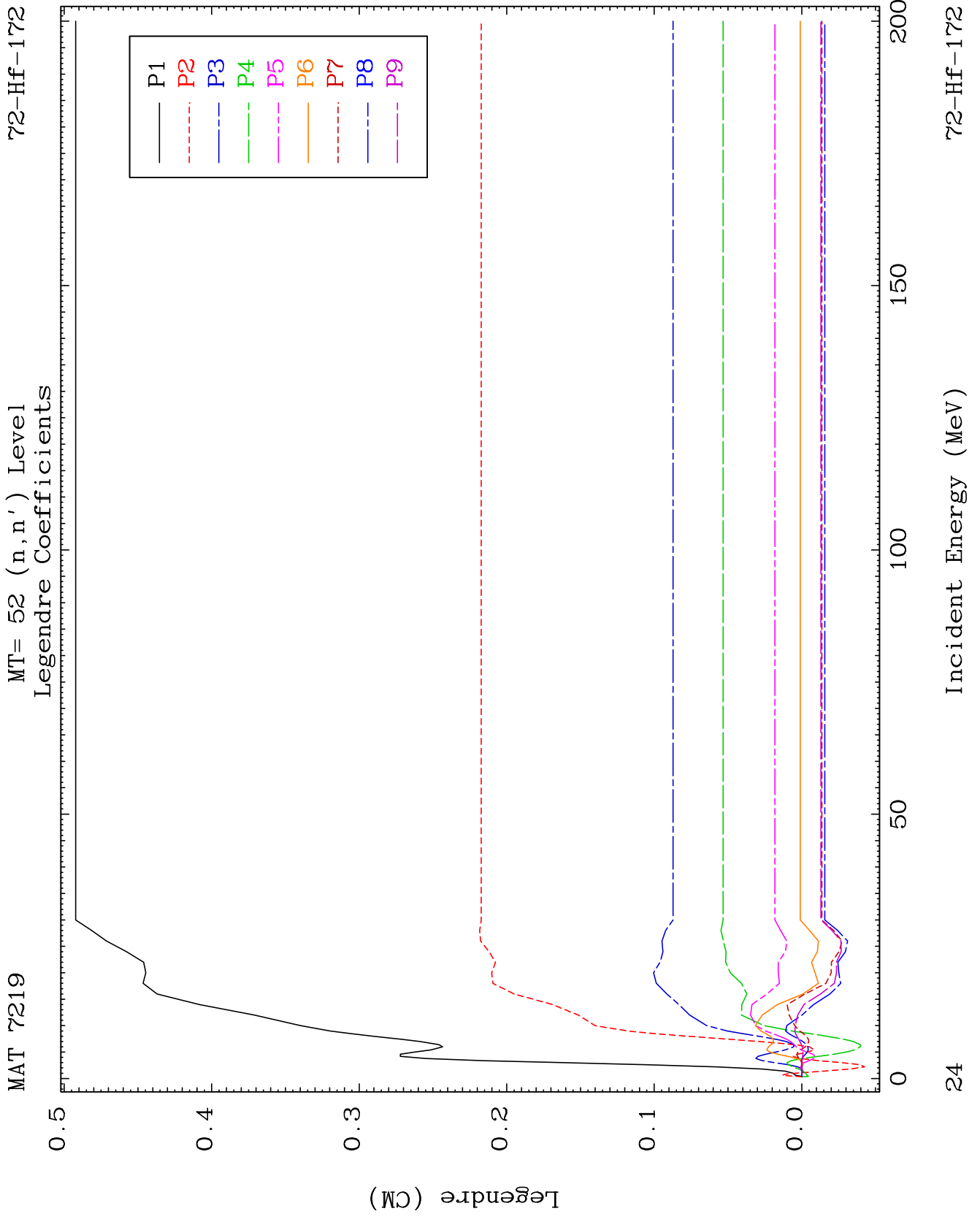


MAT 7219

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

72-Hf-172

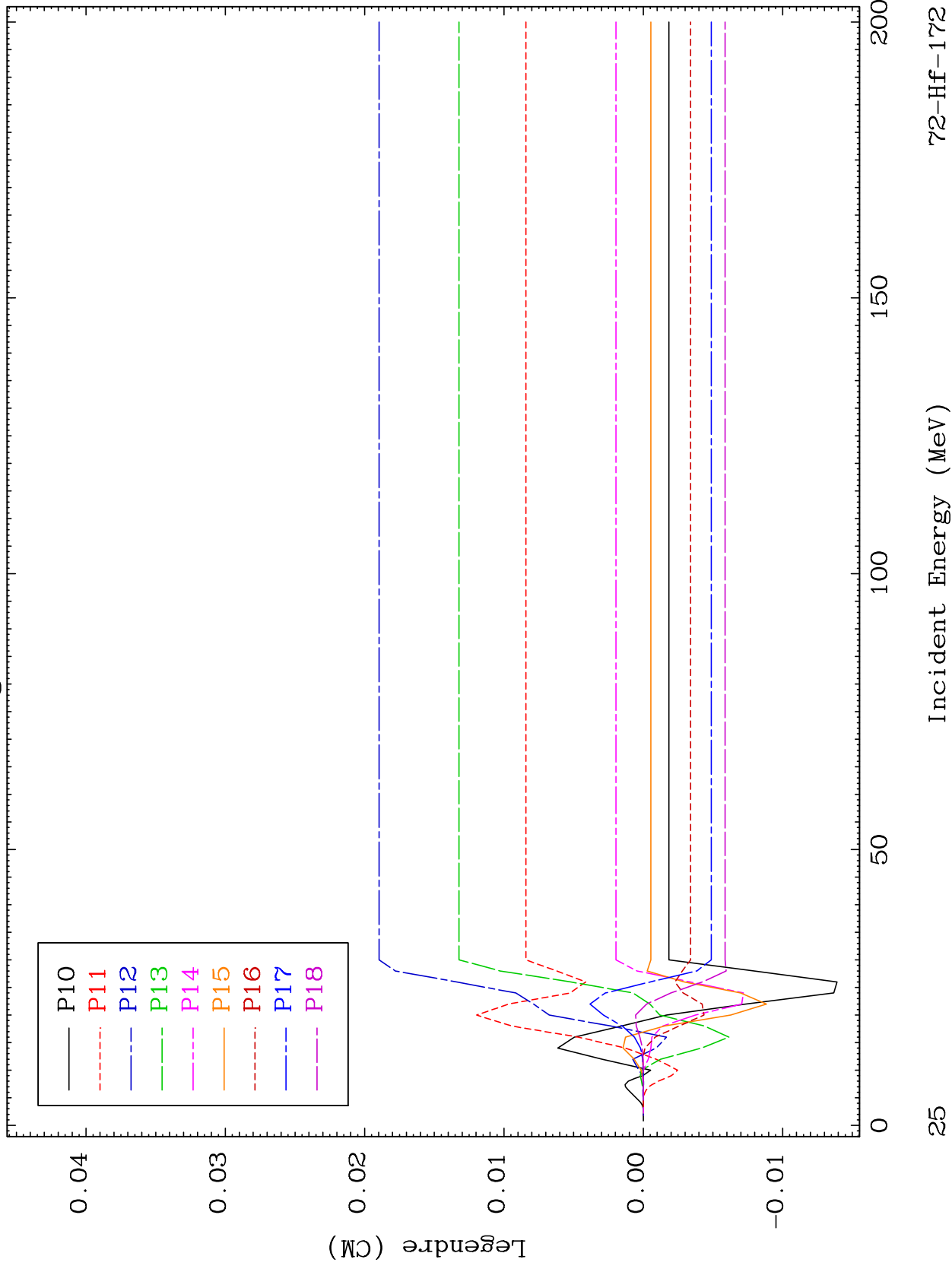




MAT 7219

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

72-Hf-172



72-Hf-172

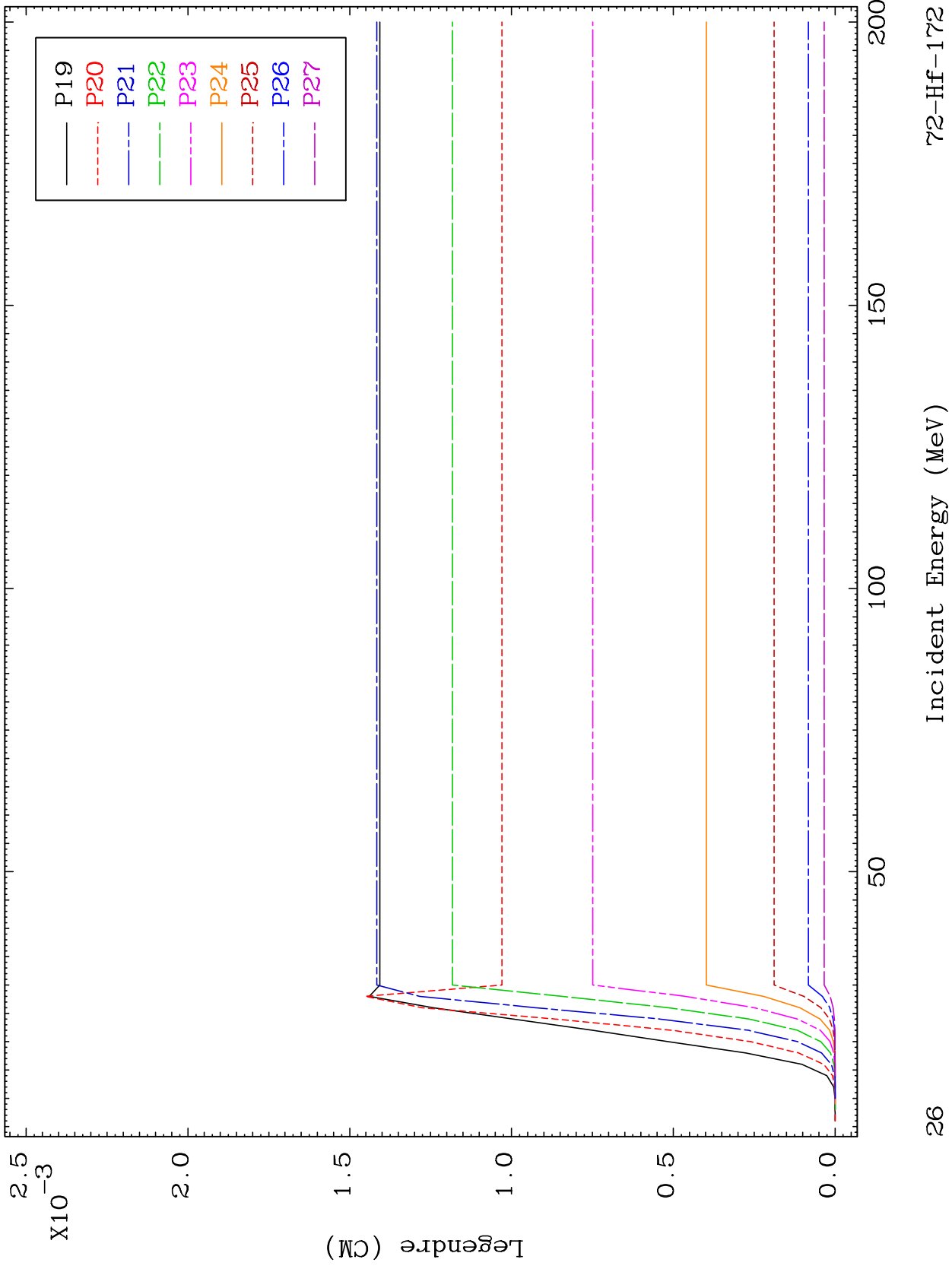
Incident Energy (MeV)

25

MAT 7219

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

72-Hf-172



26

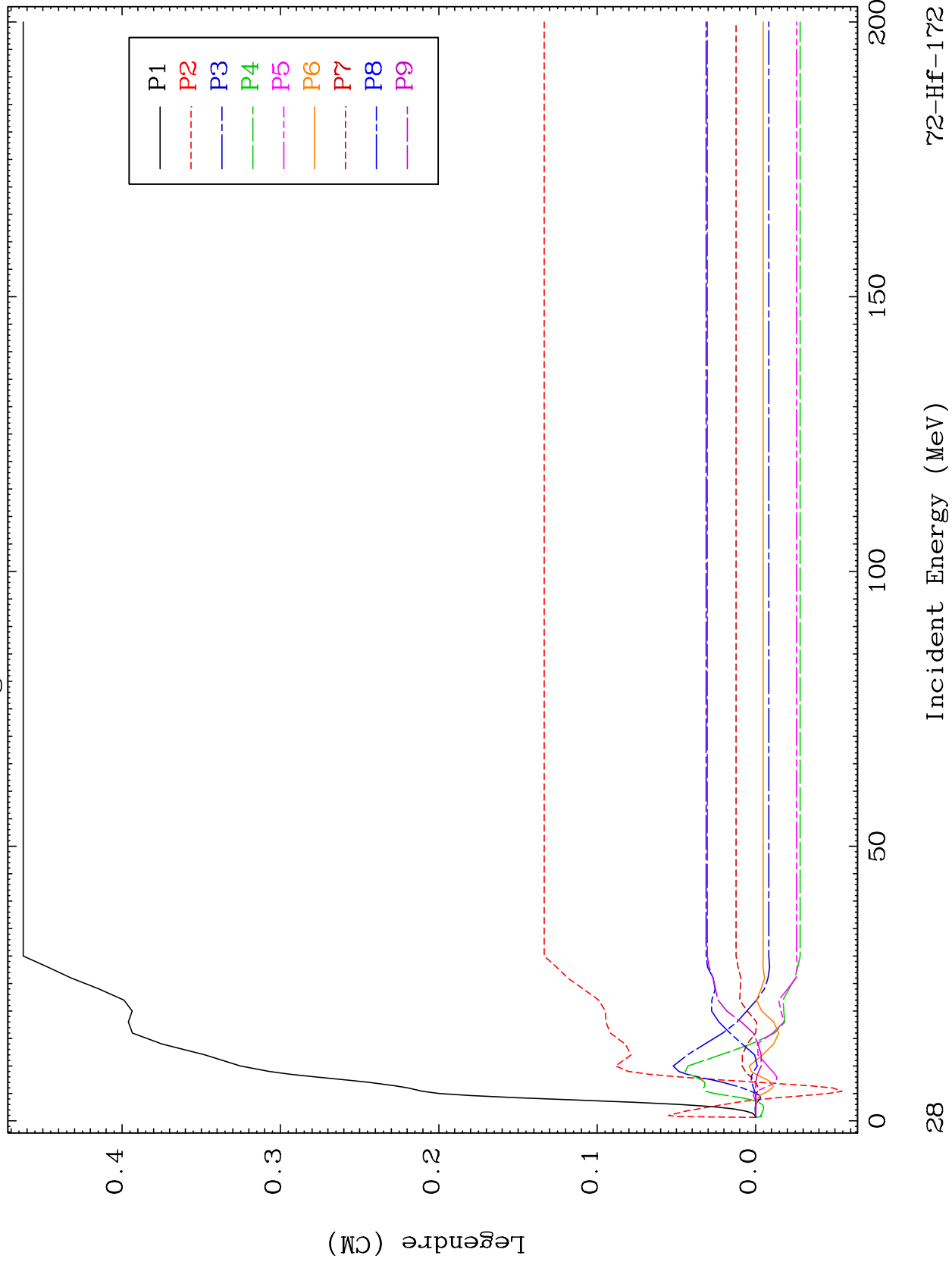
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



72-Hf-172

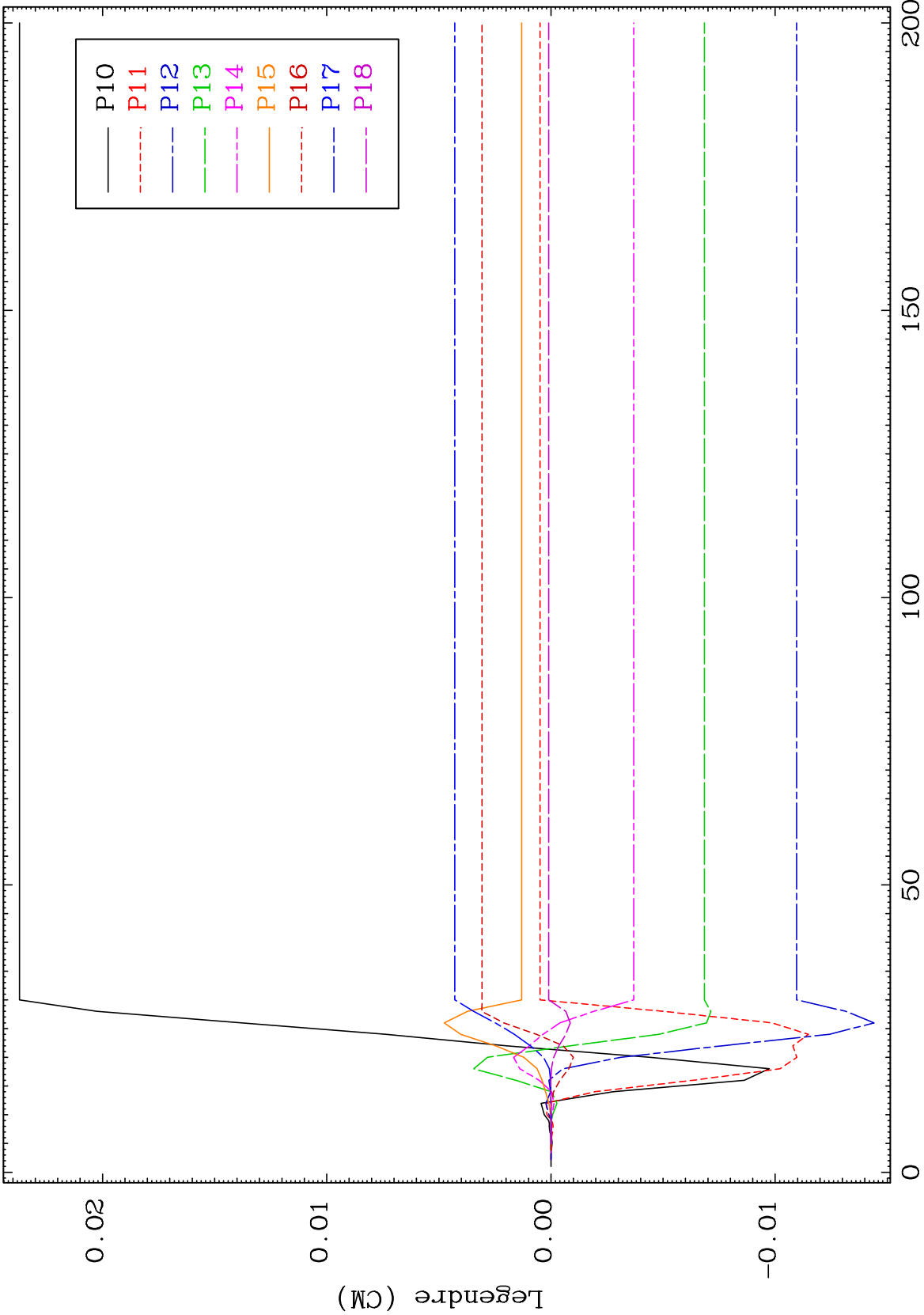
Incident Energy (MeV)

28

MAT 7219

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

72-Hf-172



29

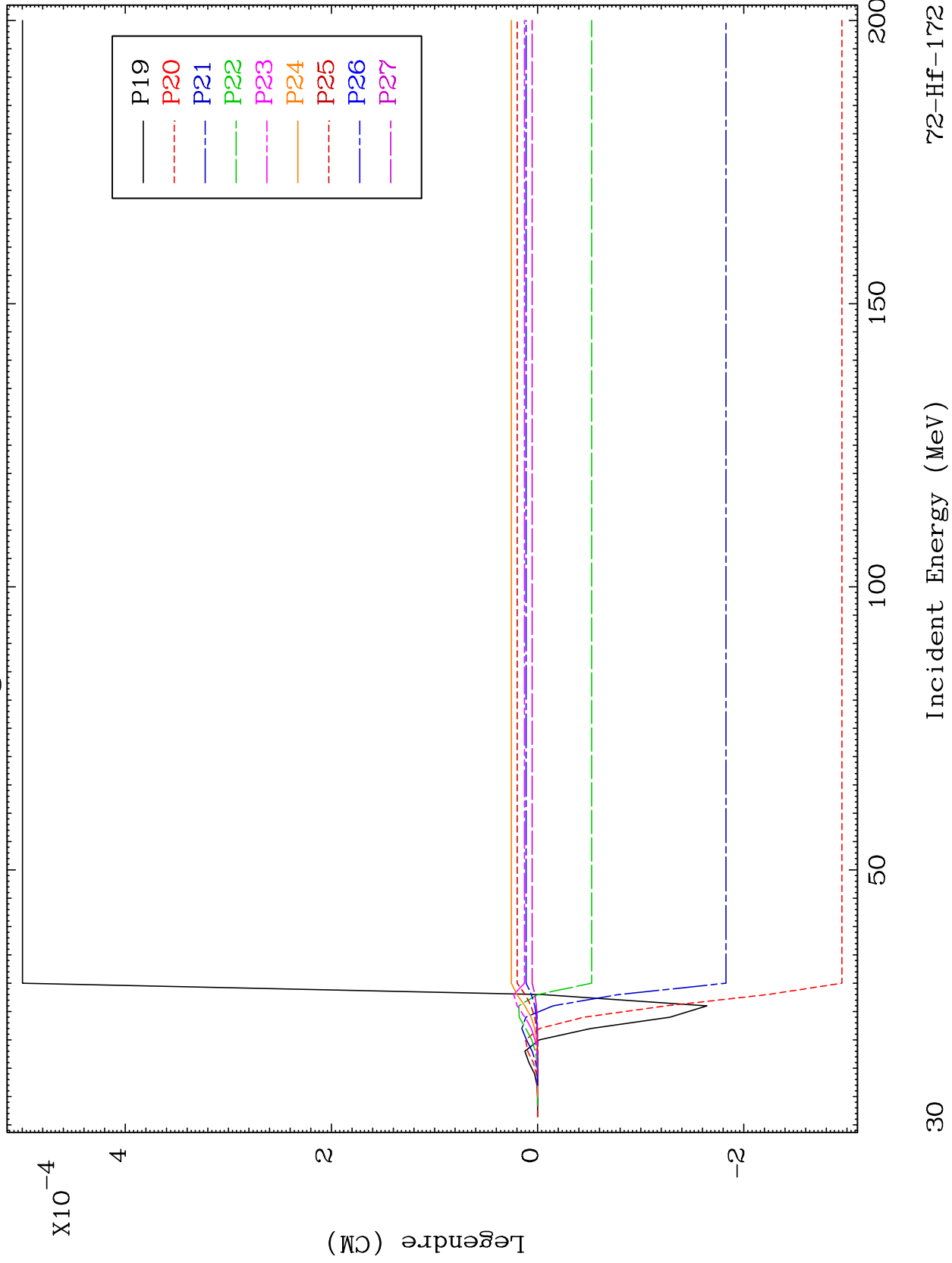
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



30

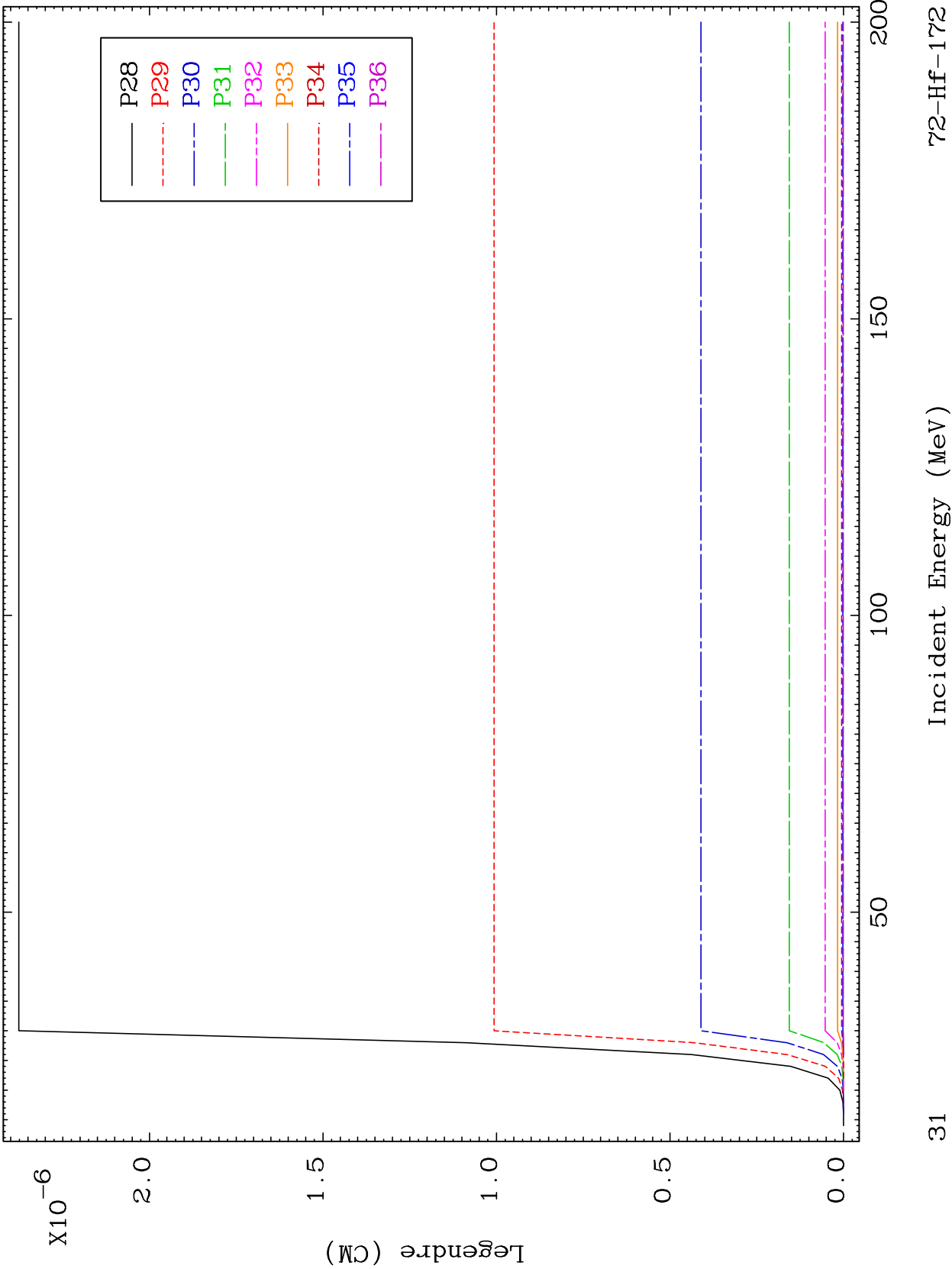
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

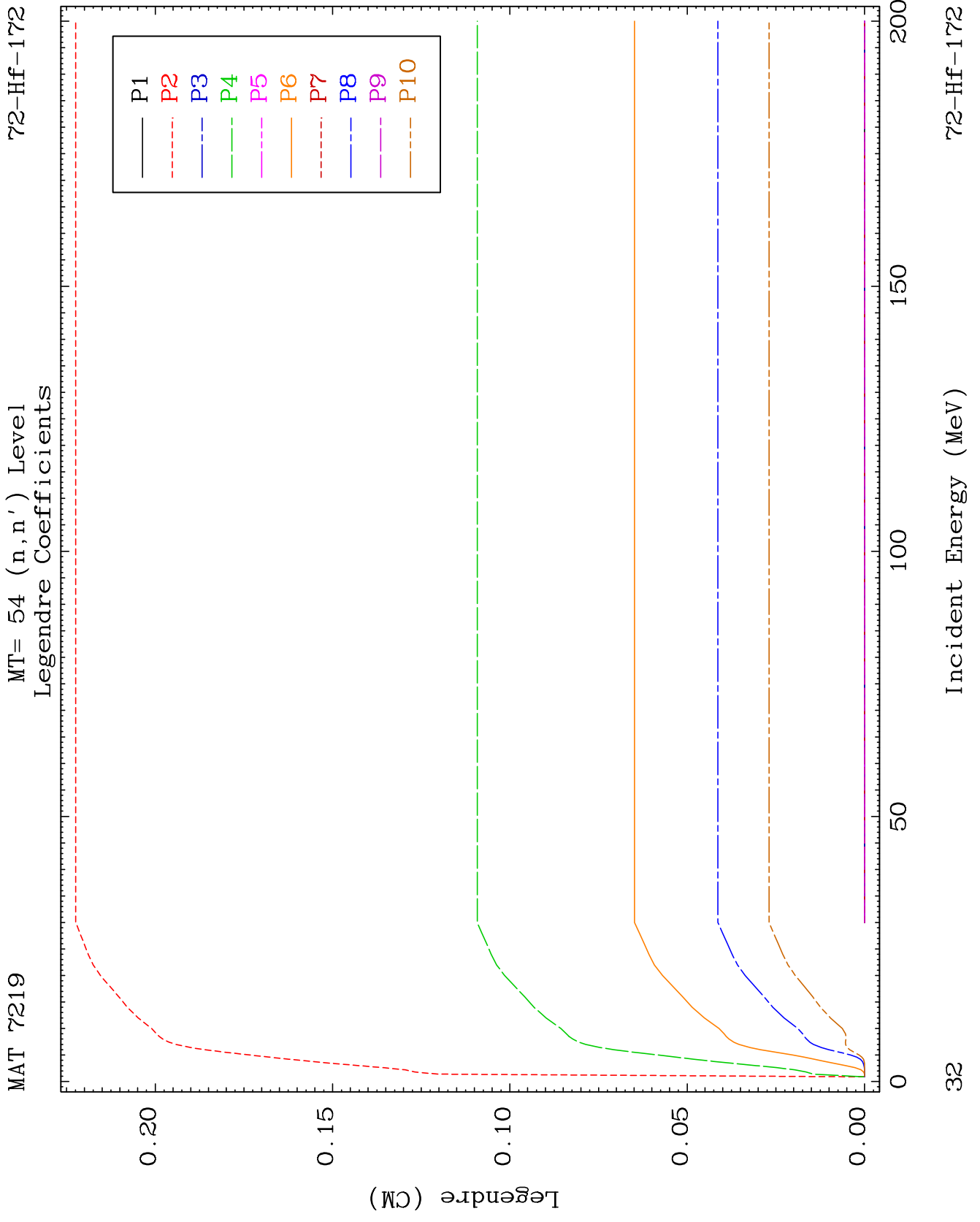
72-Hf-172



31

Incident Energy (MeV)

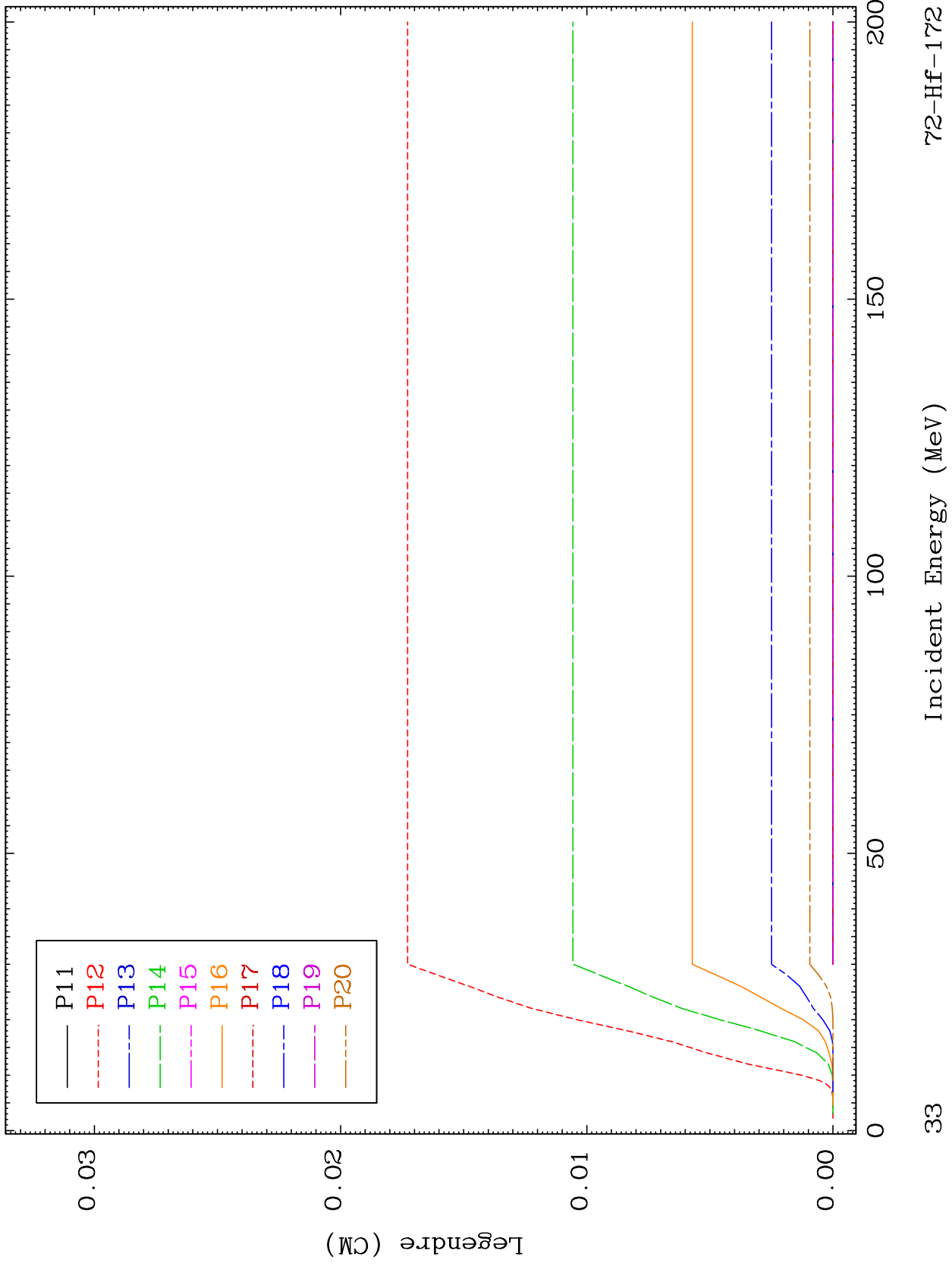
72-Hf-172

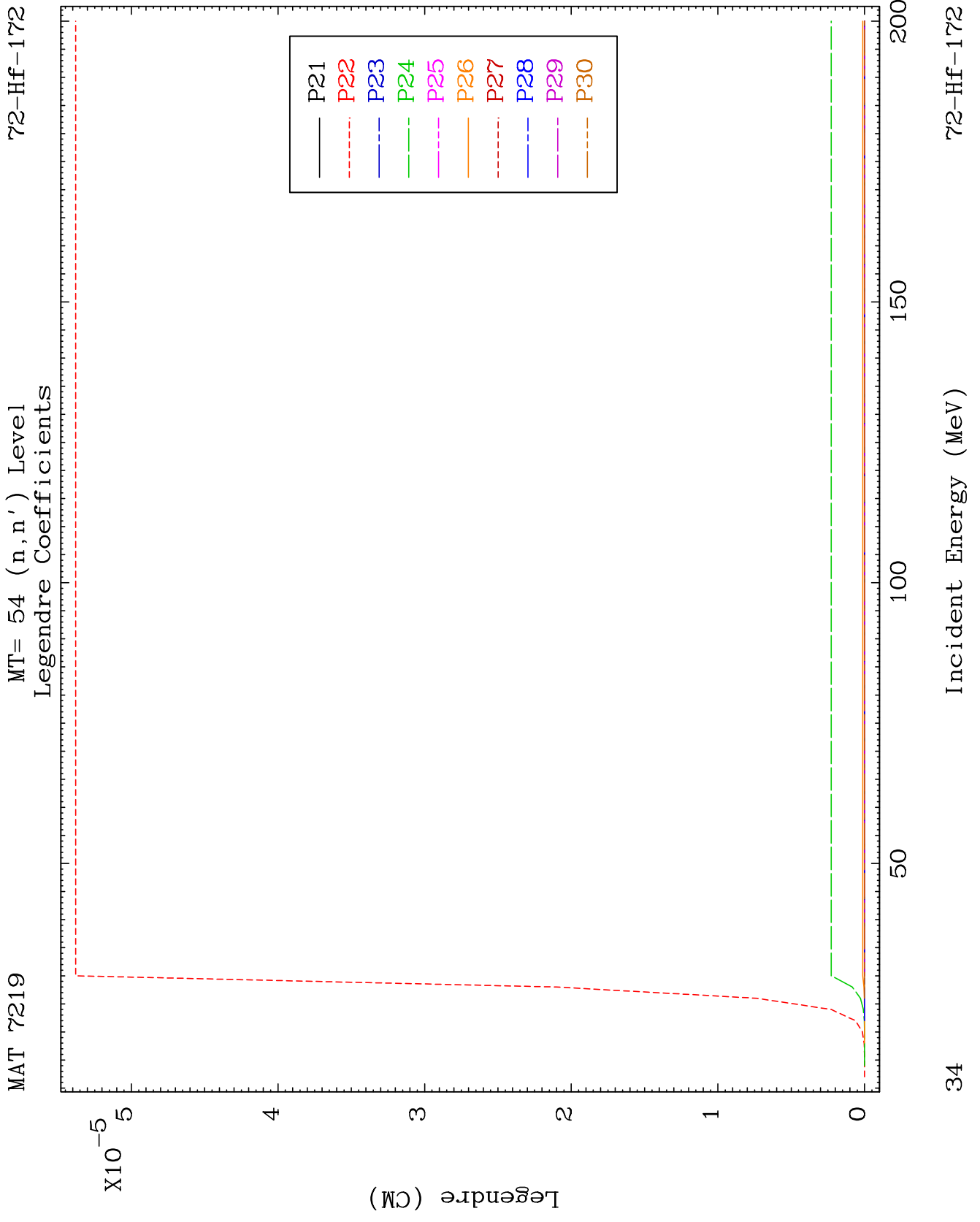


MAT 7219

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

72-Hf-172

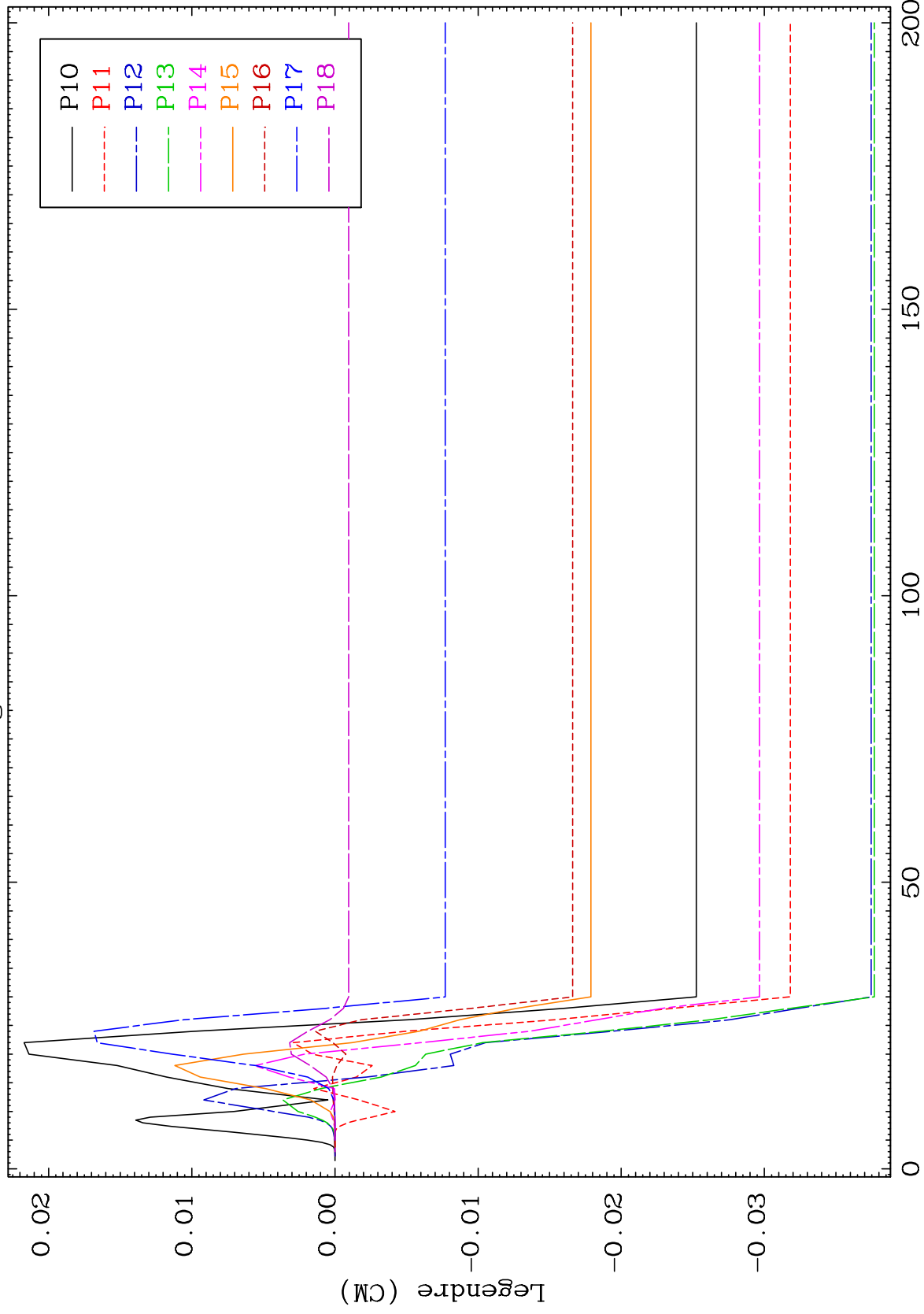




MAT 7219

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

72-Hf-172



36

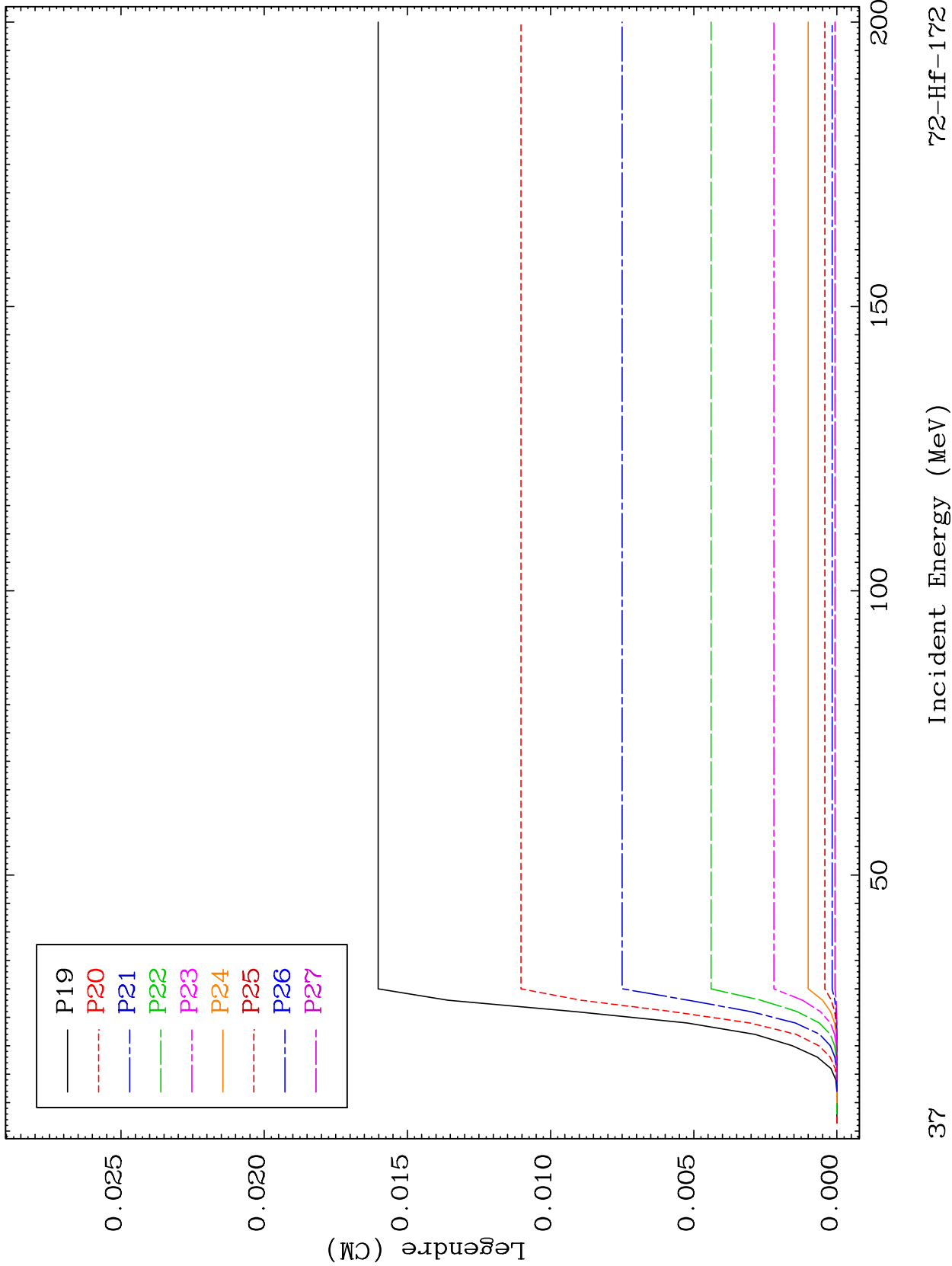
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

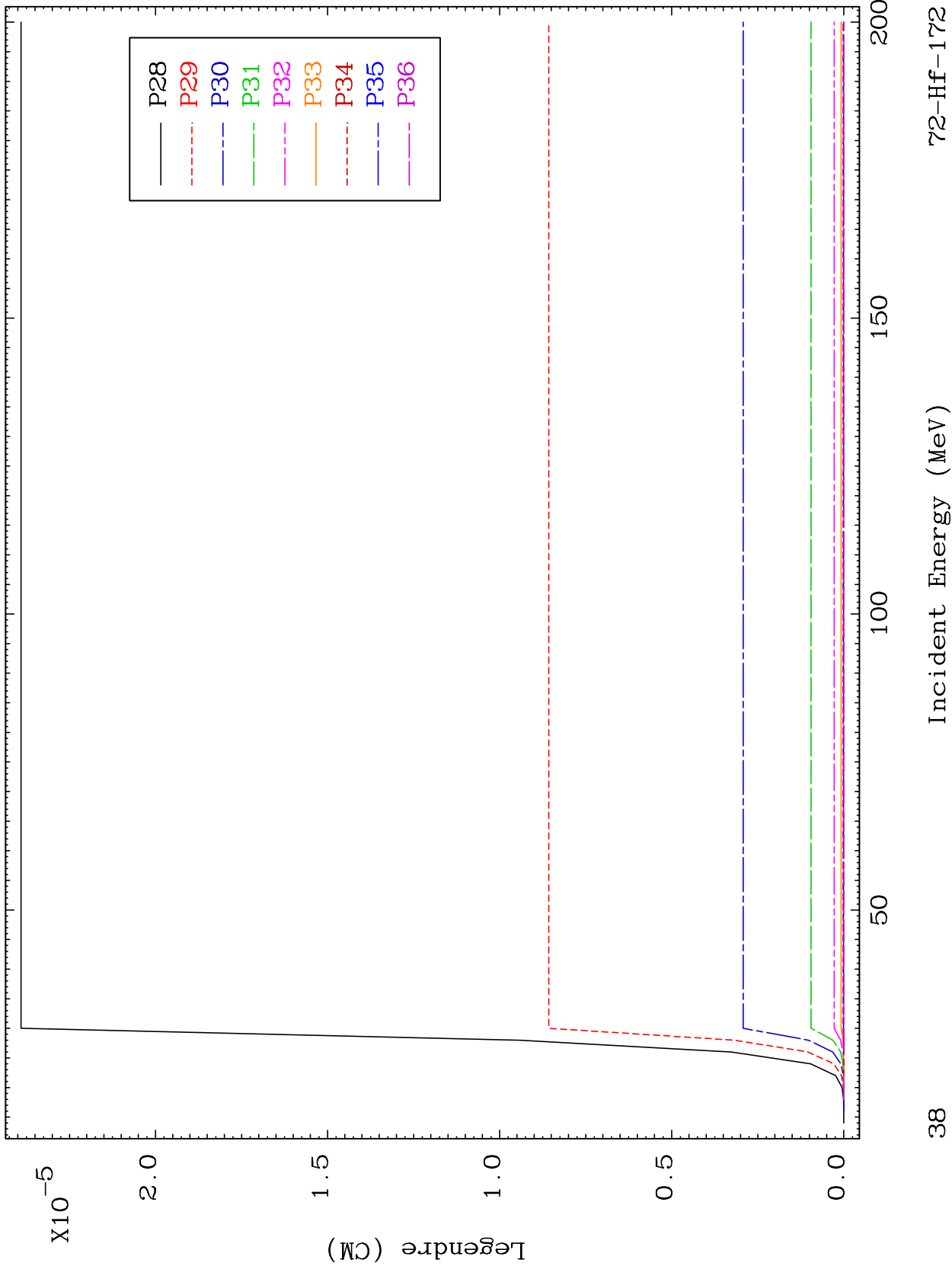
72-Hf-172



MAT 7219

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

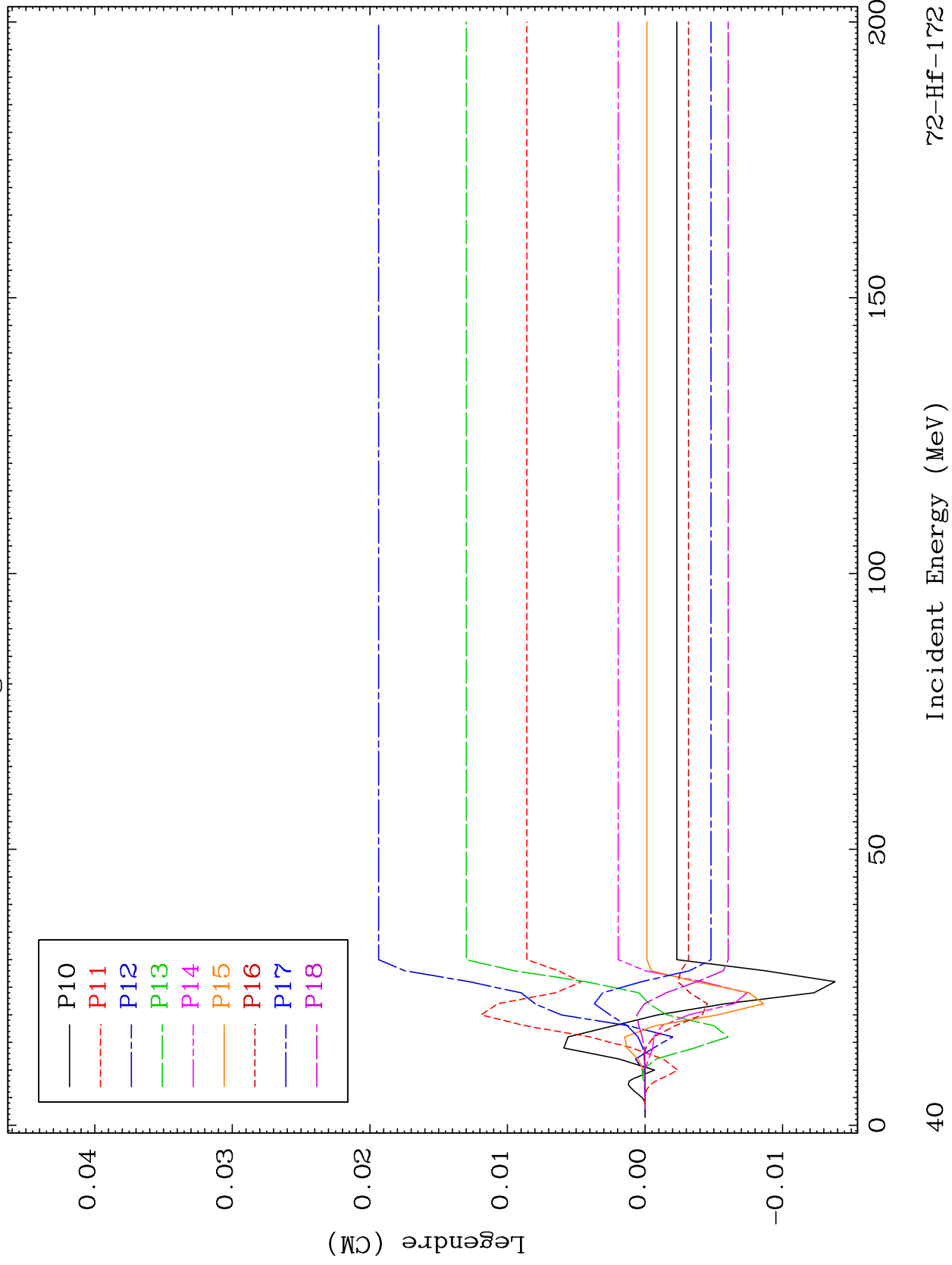
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

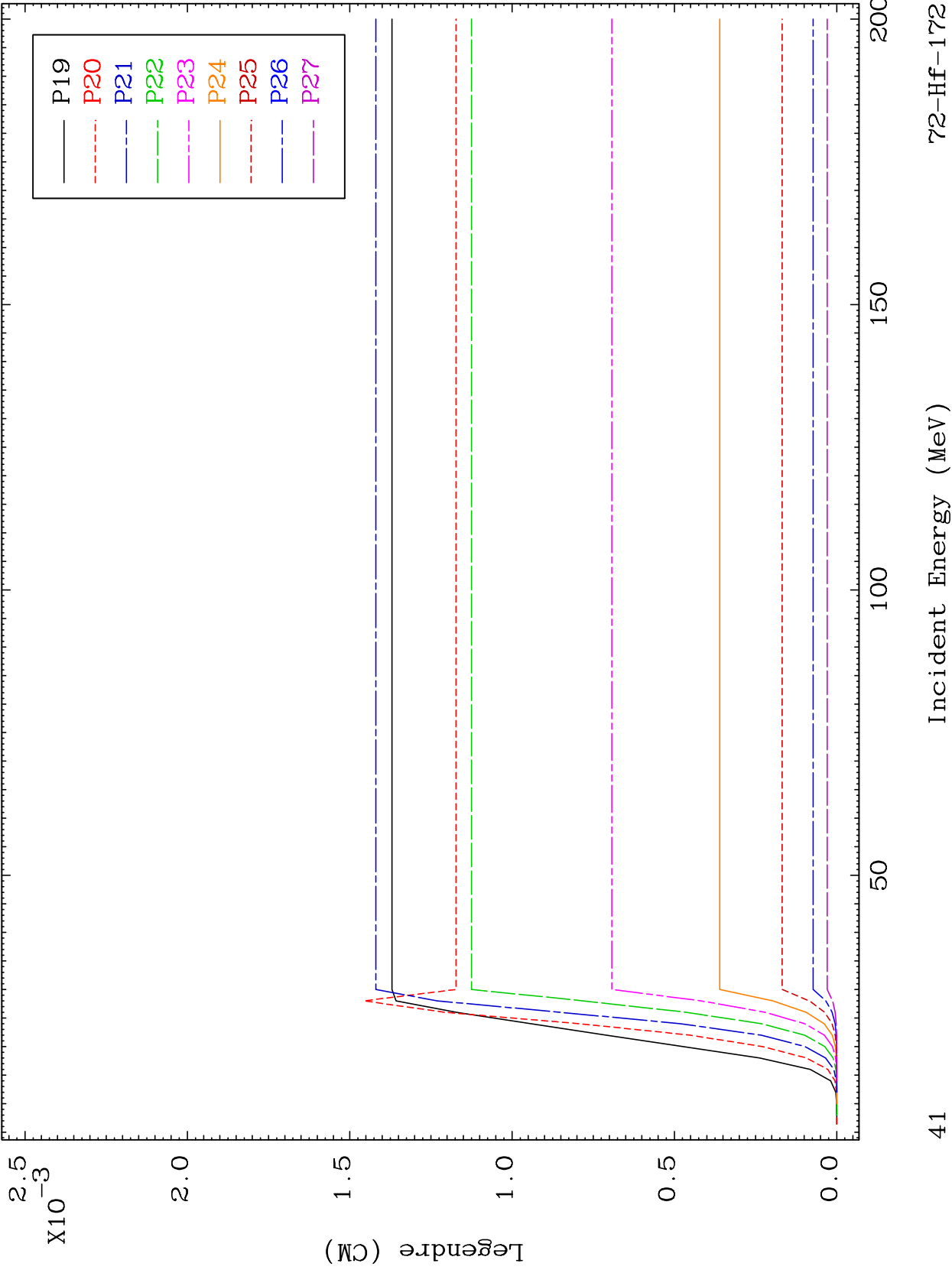
Incident Energy (MeV)

40

MAT 7219

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

72-Hf-172



41

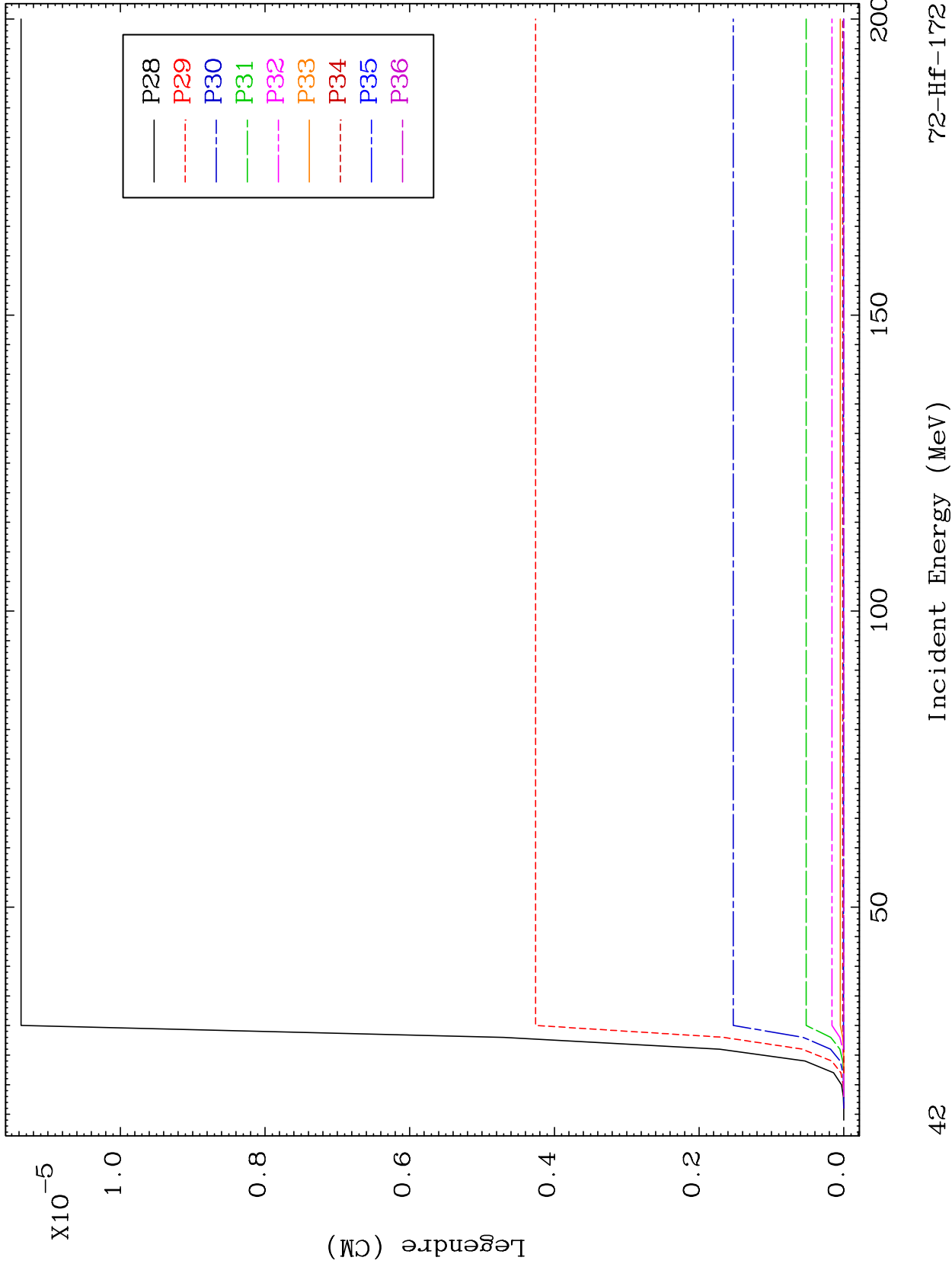
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



42

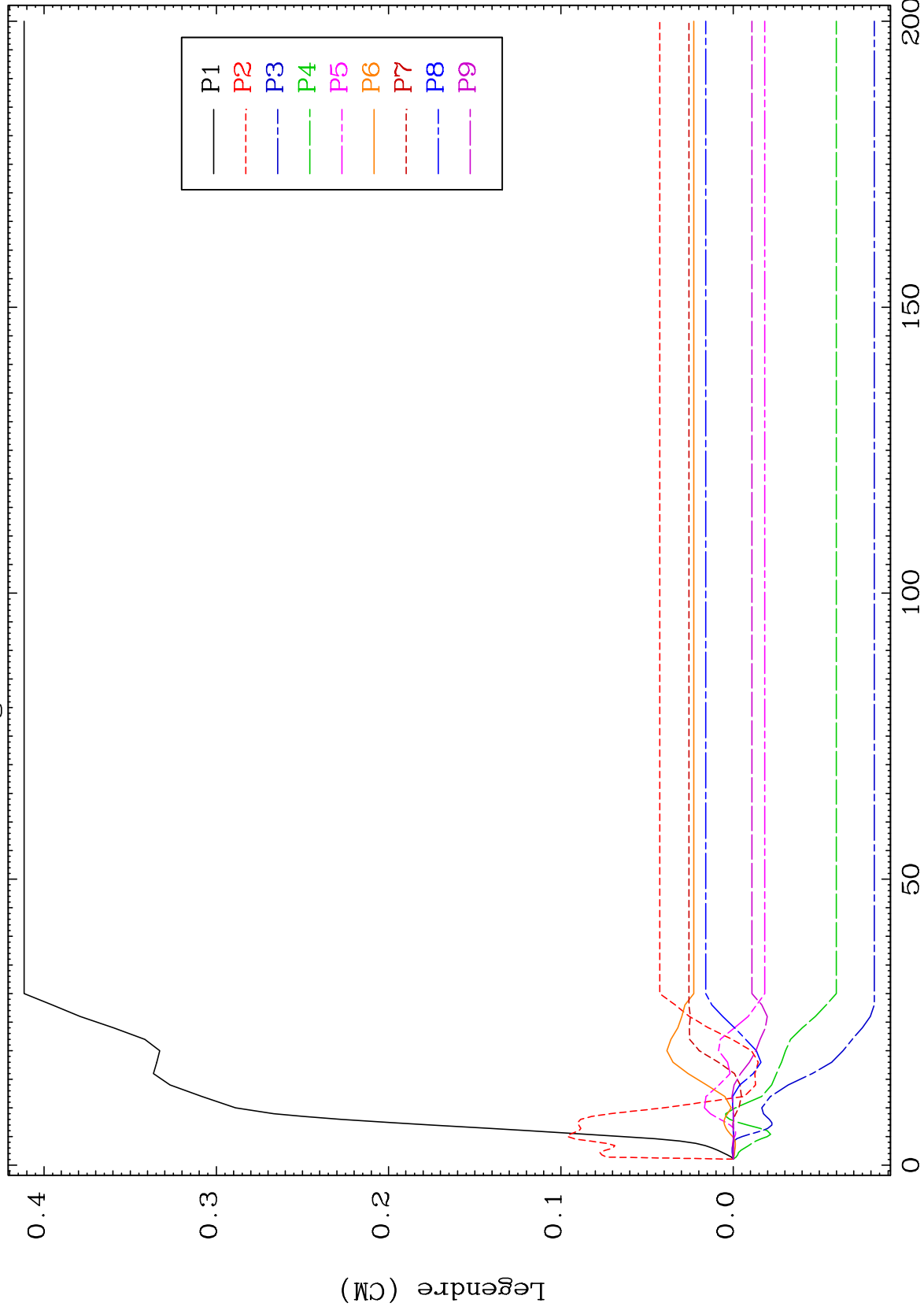
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



43

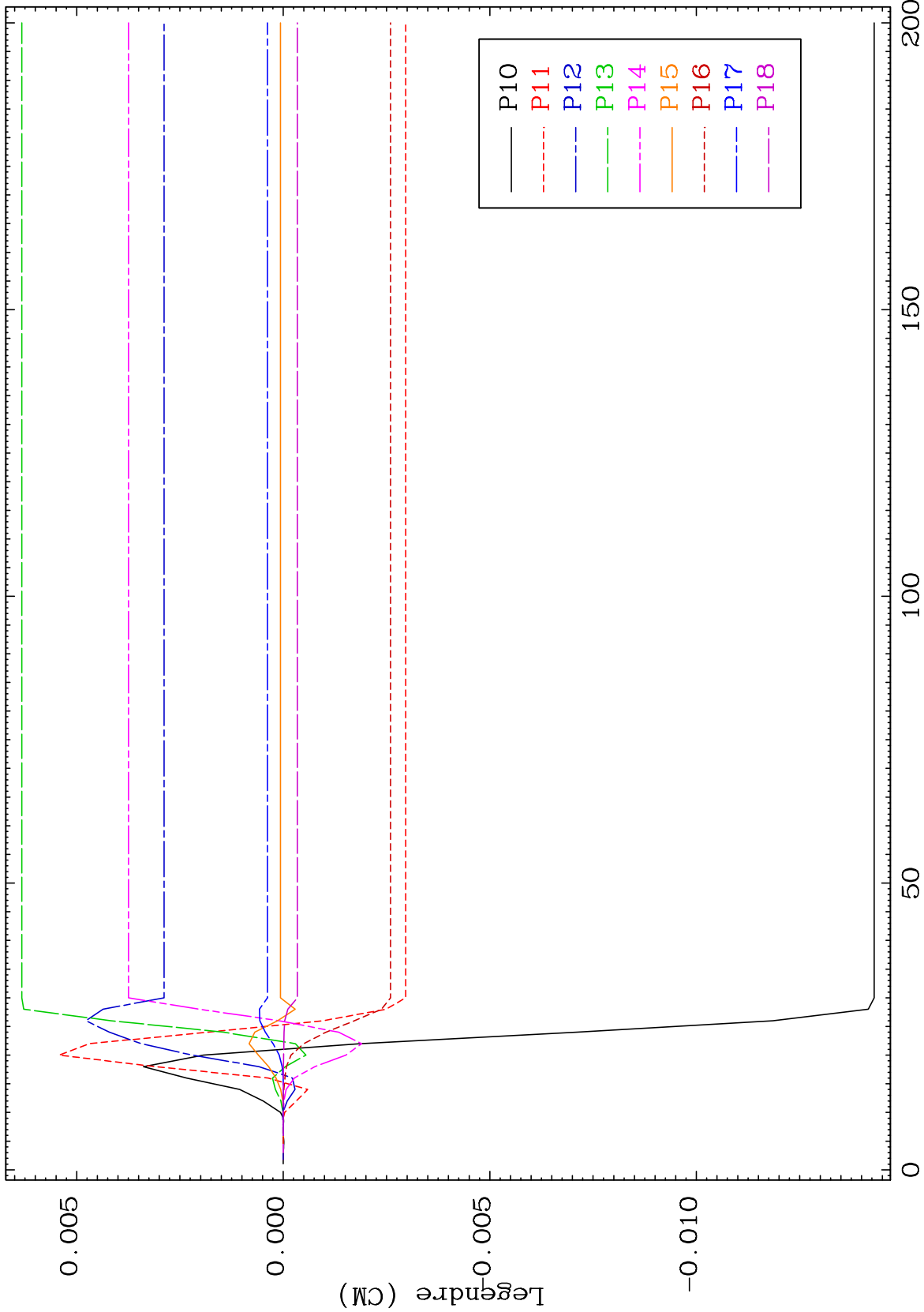
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



44

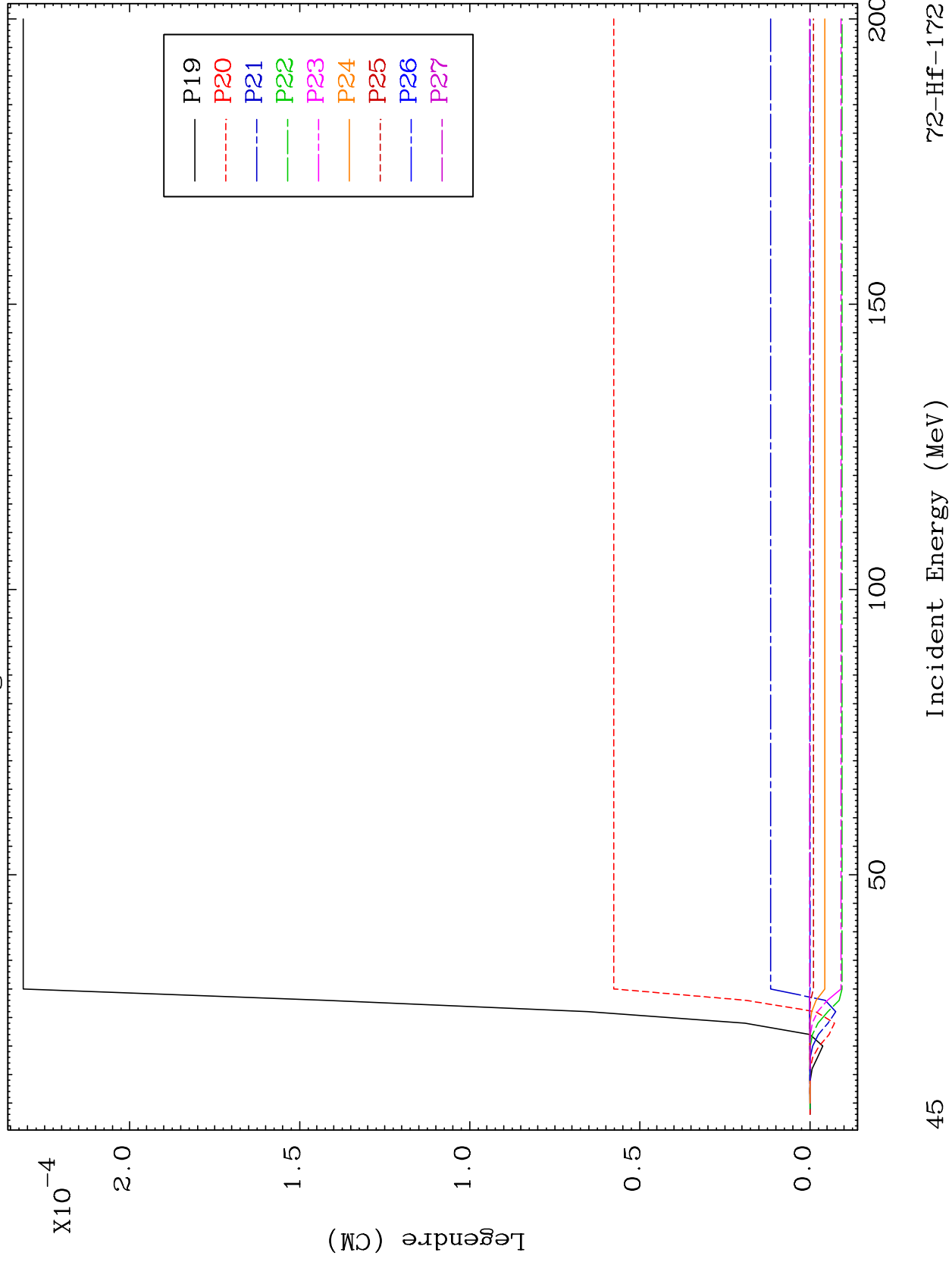
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



72-Hf-172

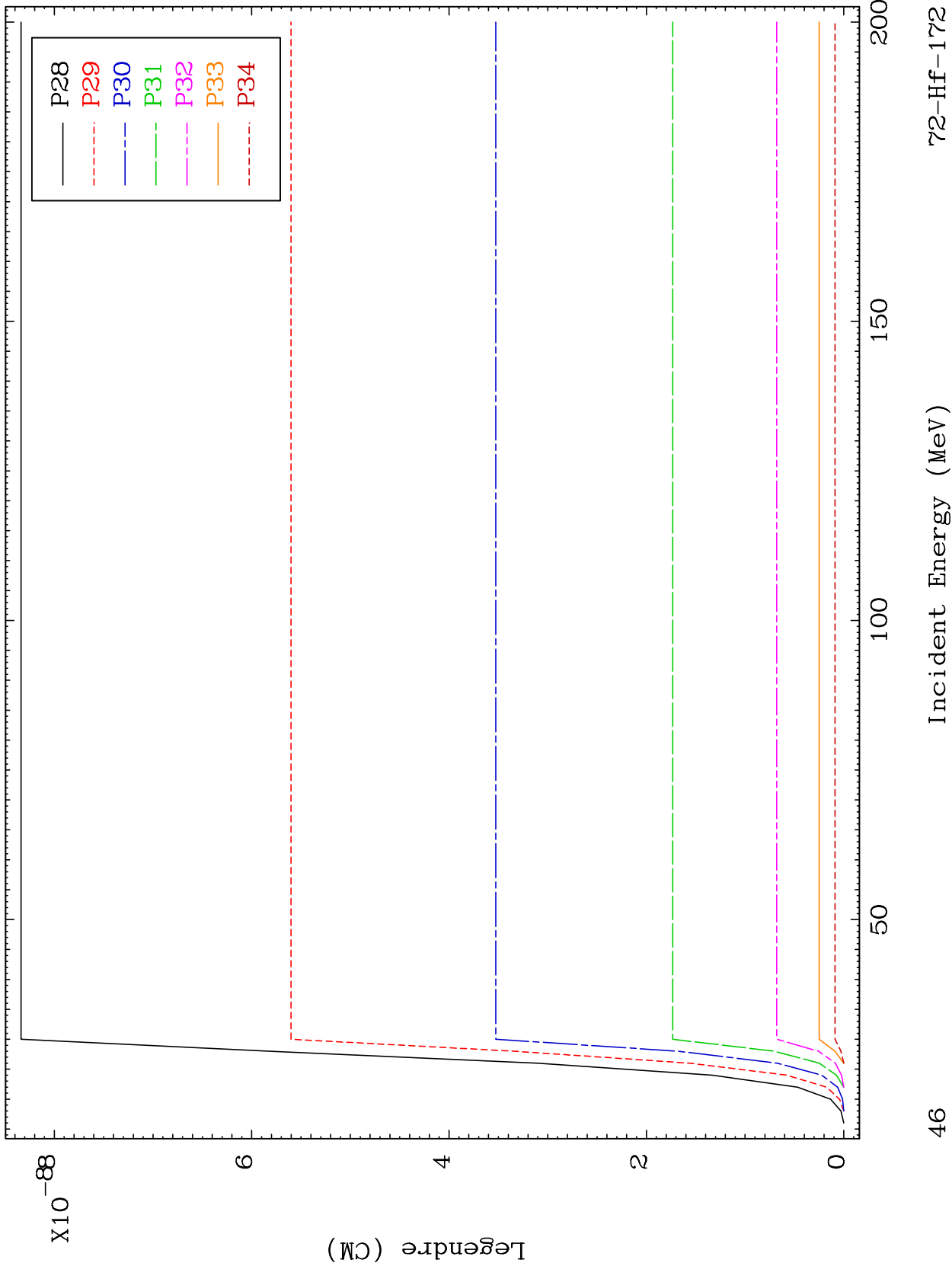
Incident Energy (MeV)

45

MAT 7219

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

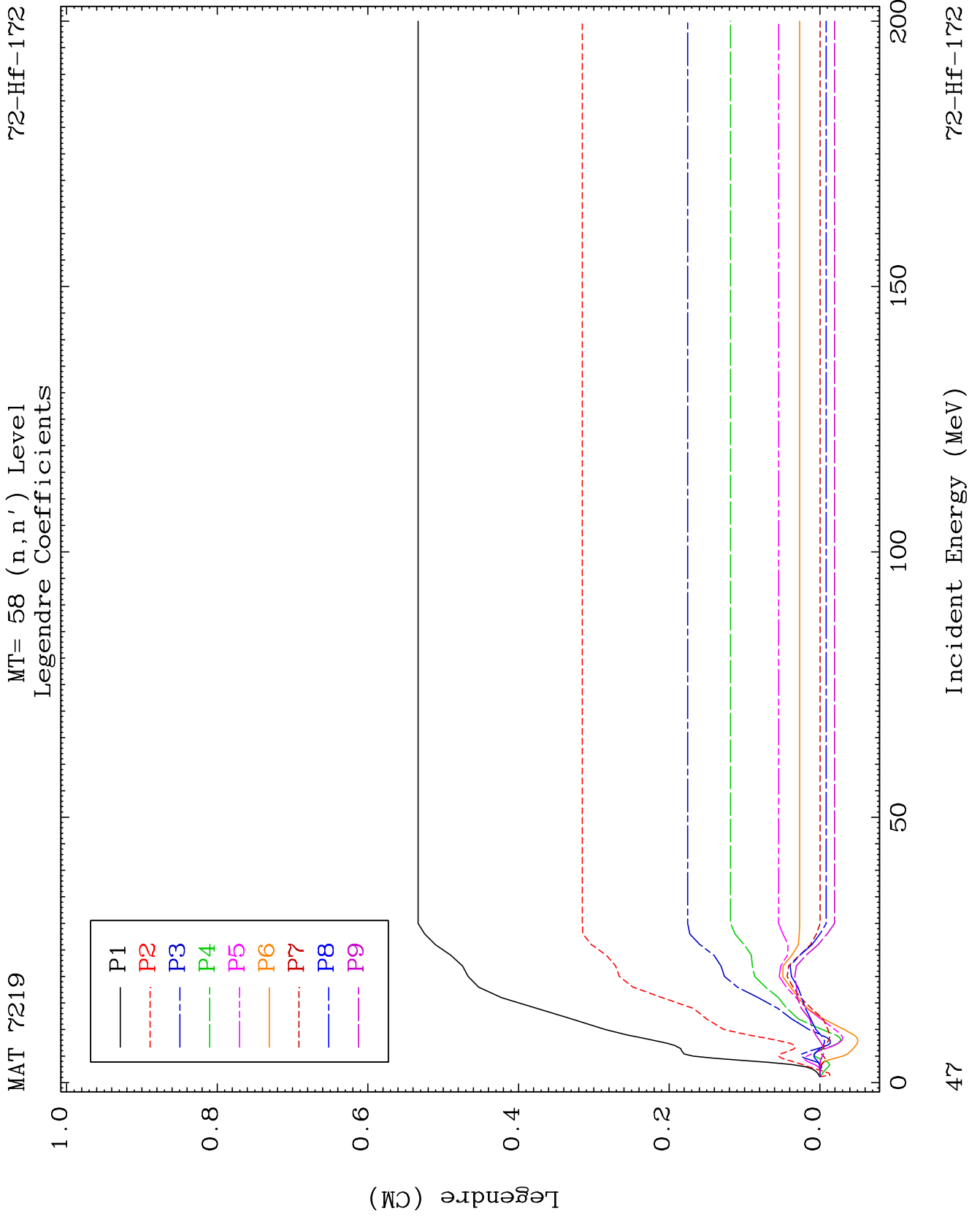
72-Hf-172



46

Incident Energy (MeV)

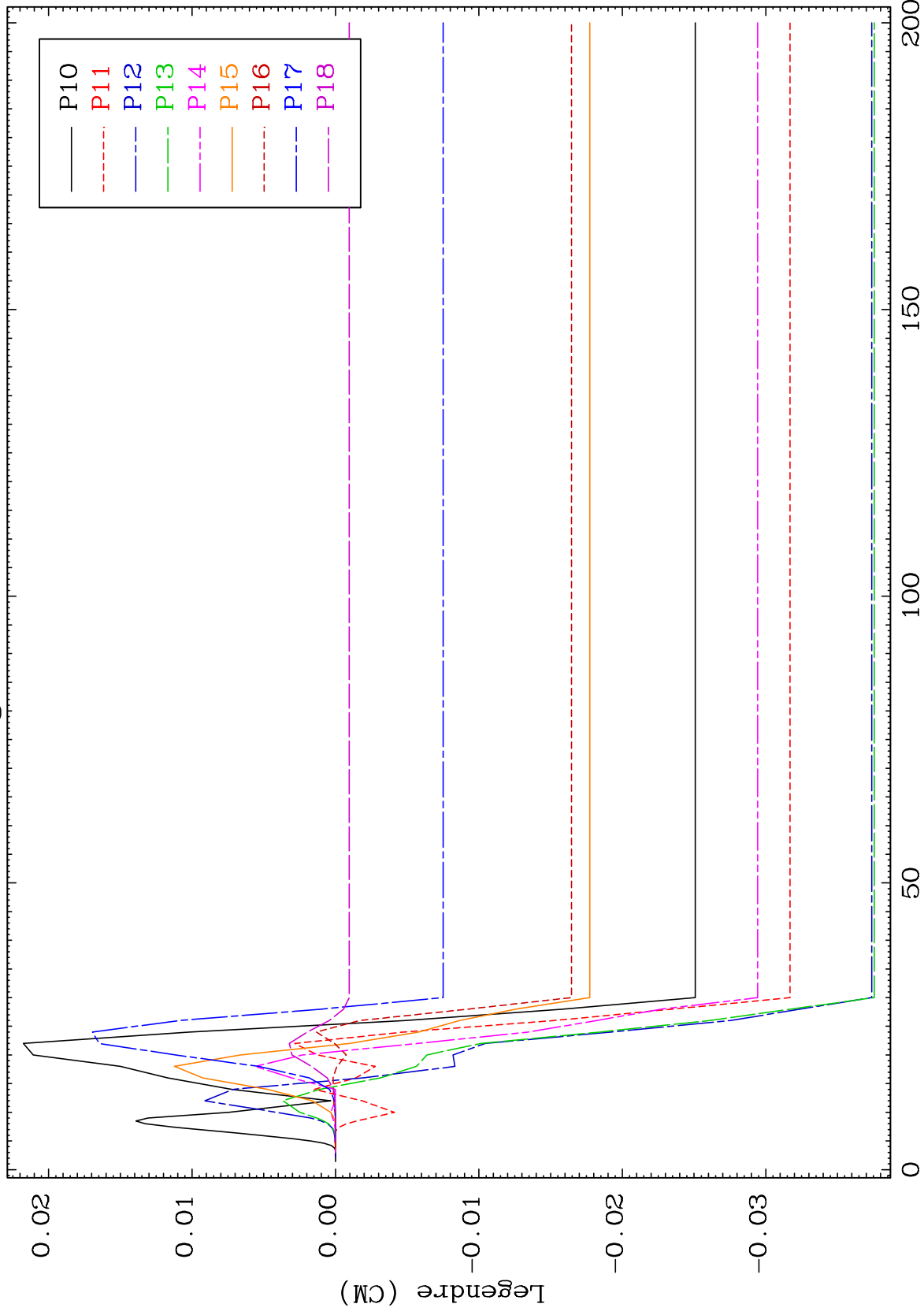
72-Hf-172



MAT 7219

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

72-Hf-172



48

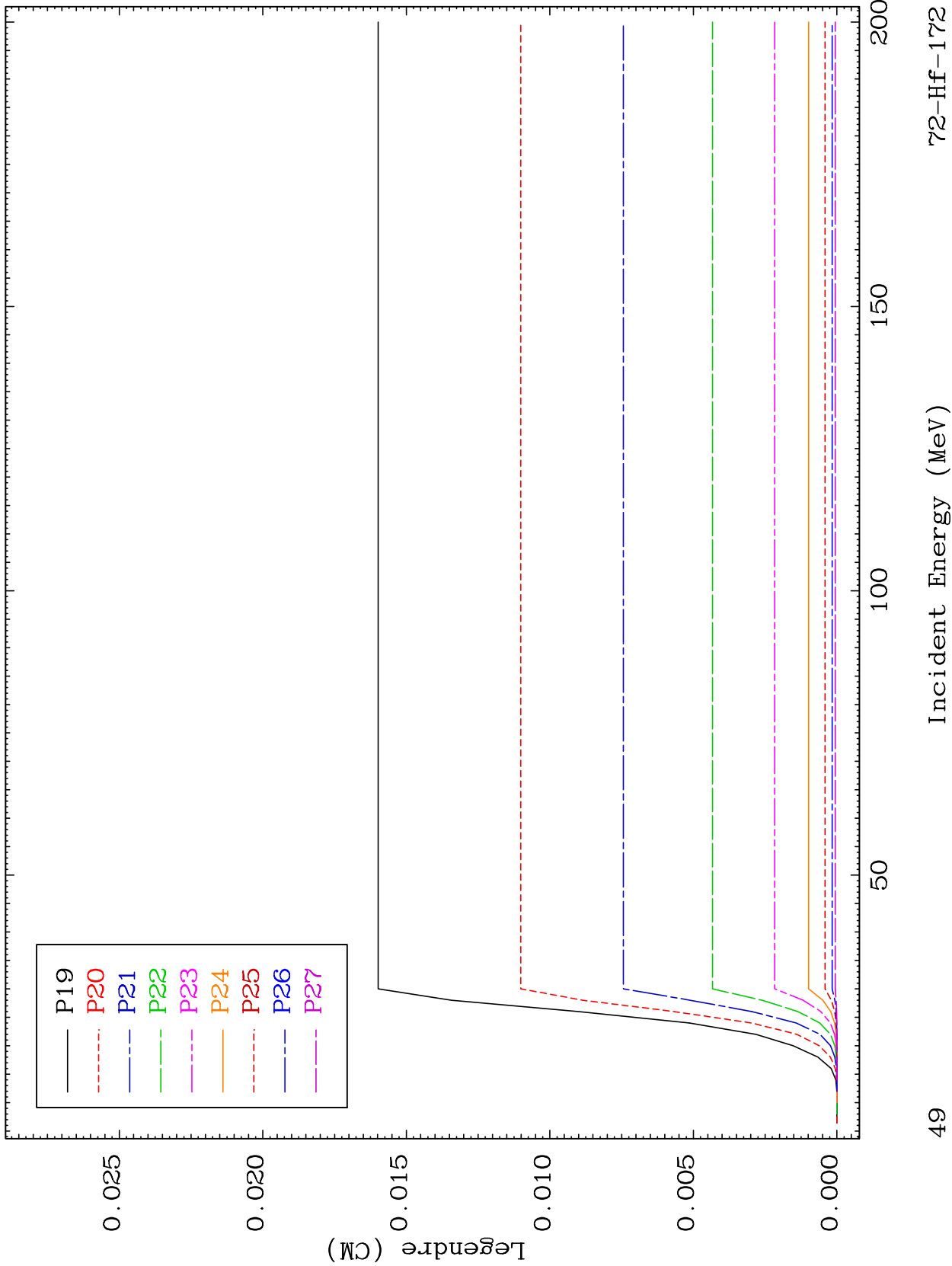
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

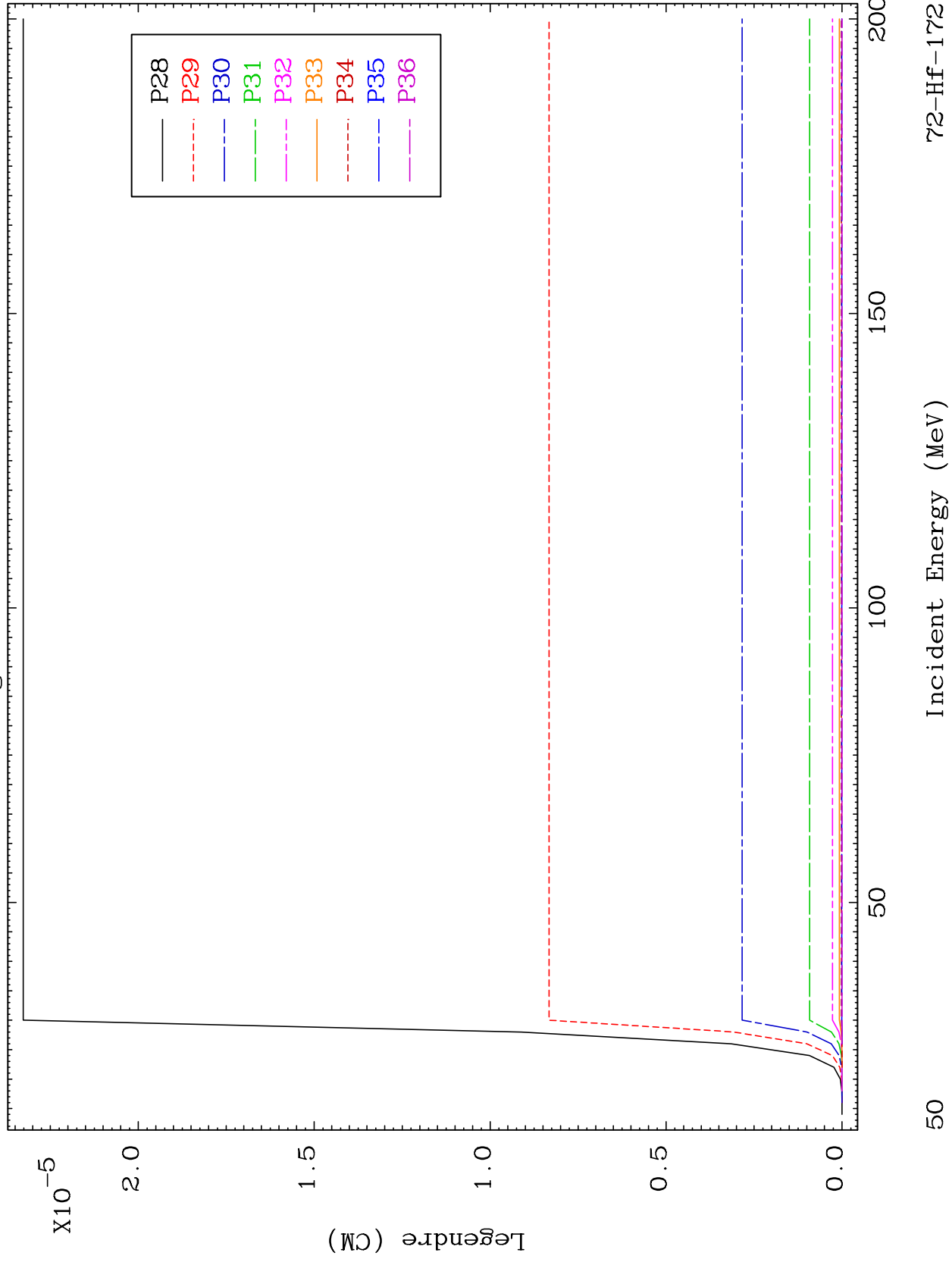
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

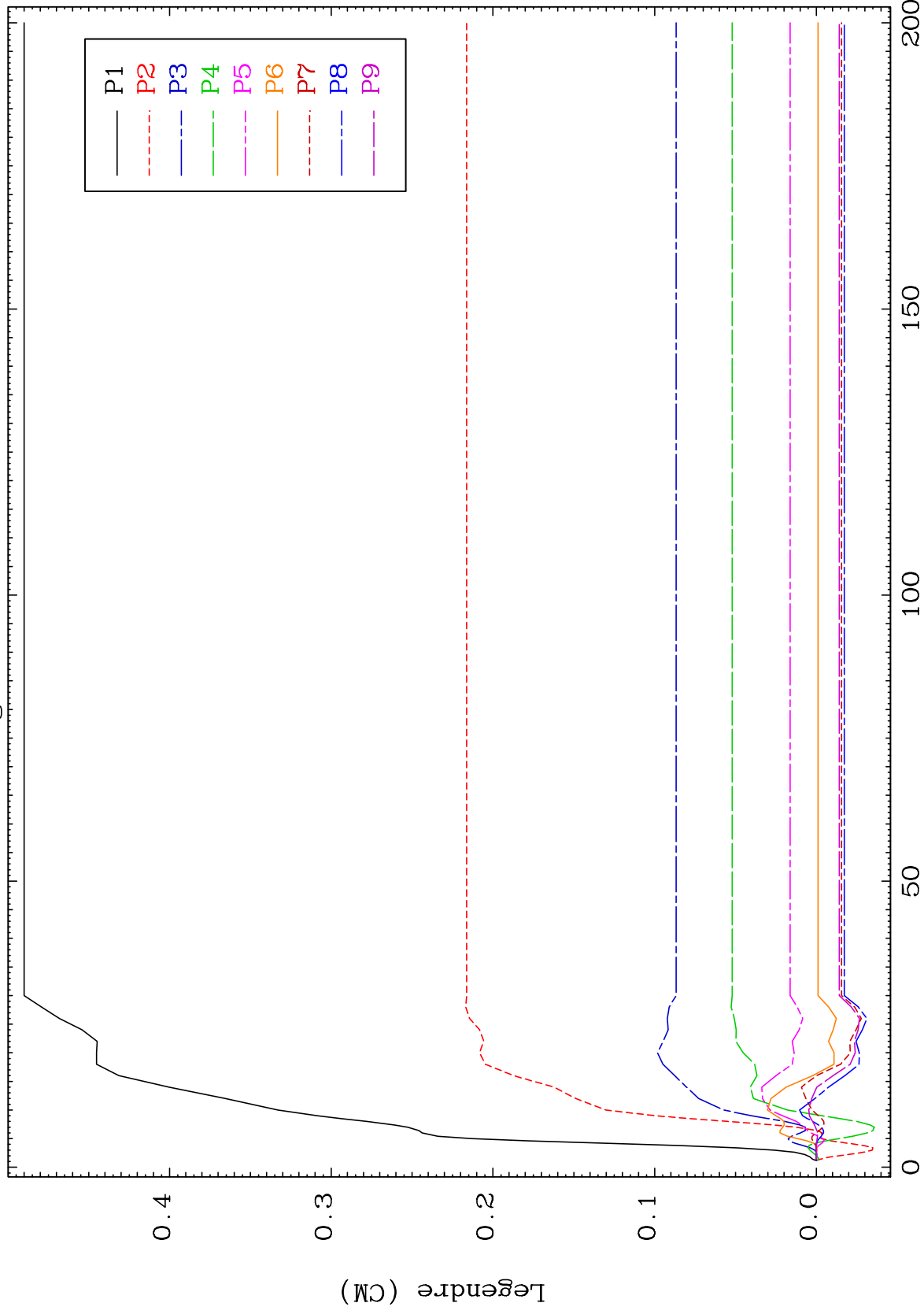
Incident Energy (MeV)

50

MAT 7219

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

72-Hf-172



72-Hf-172

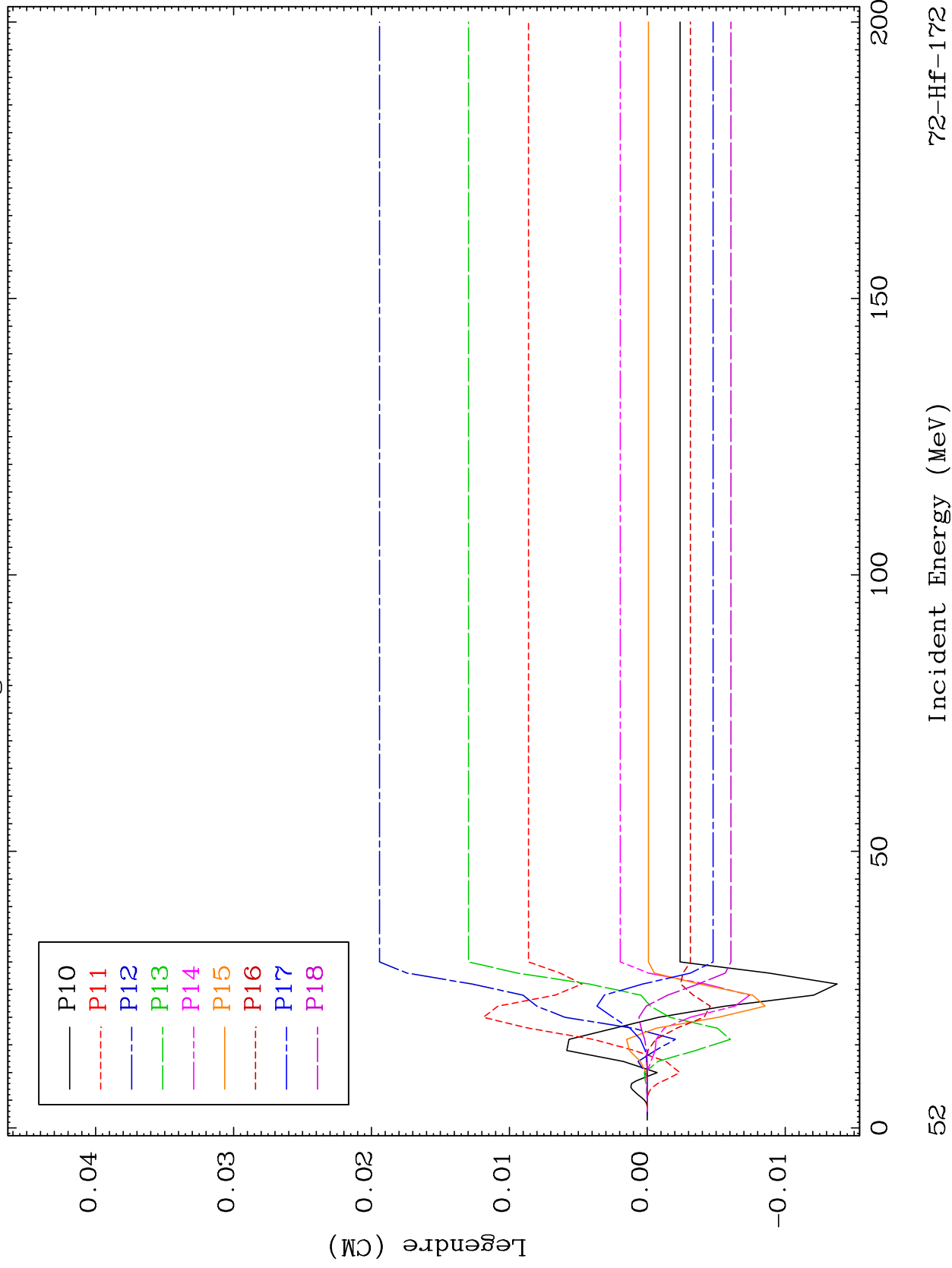
Incident Energy (MeV)

51

MAT 7219

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

72-Hf-172



72-Hf-172

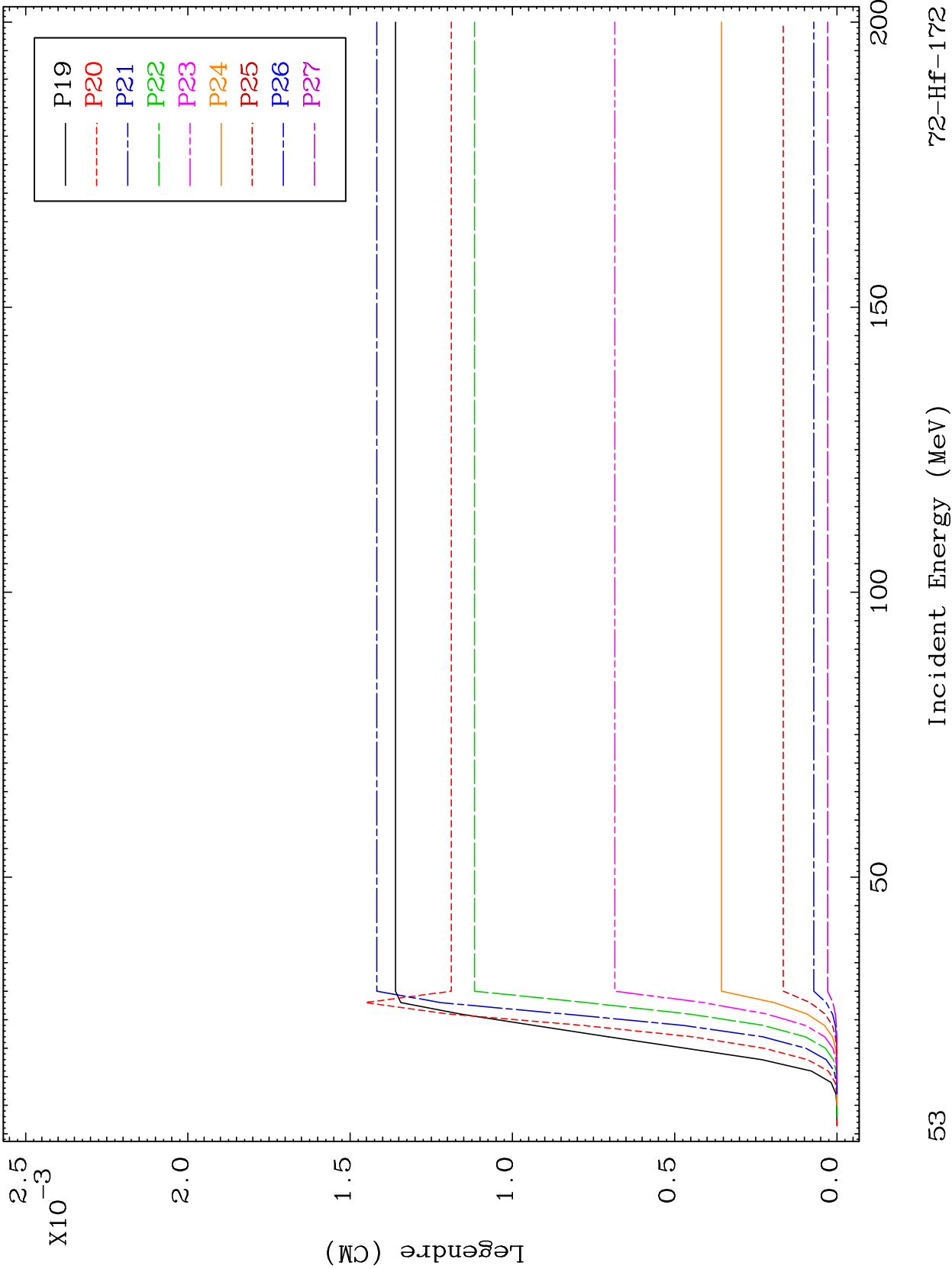
Incident Energy (MeV)

52

MAT 7219

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

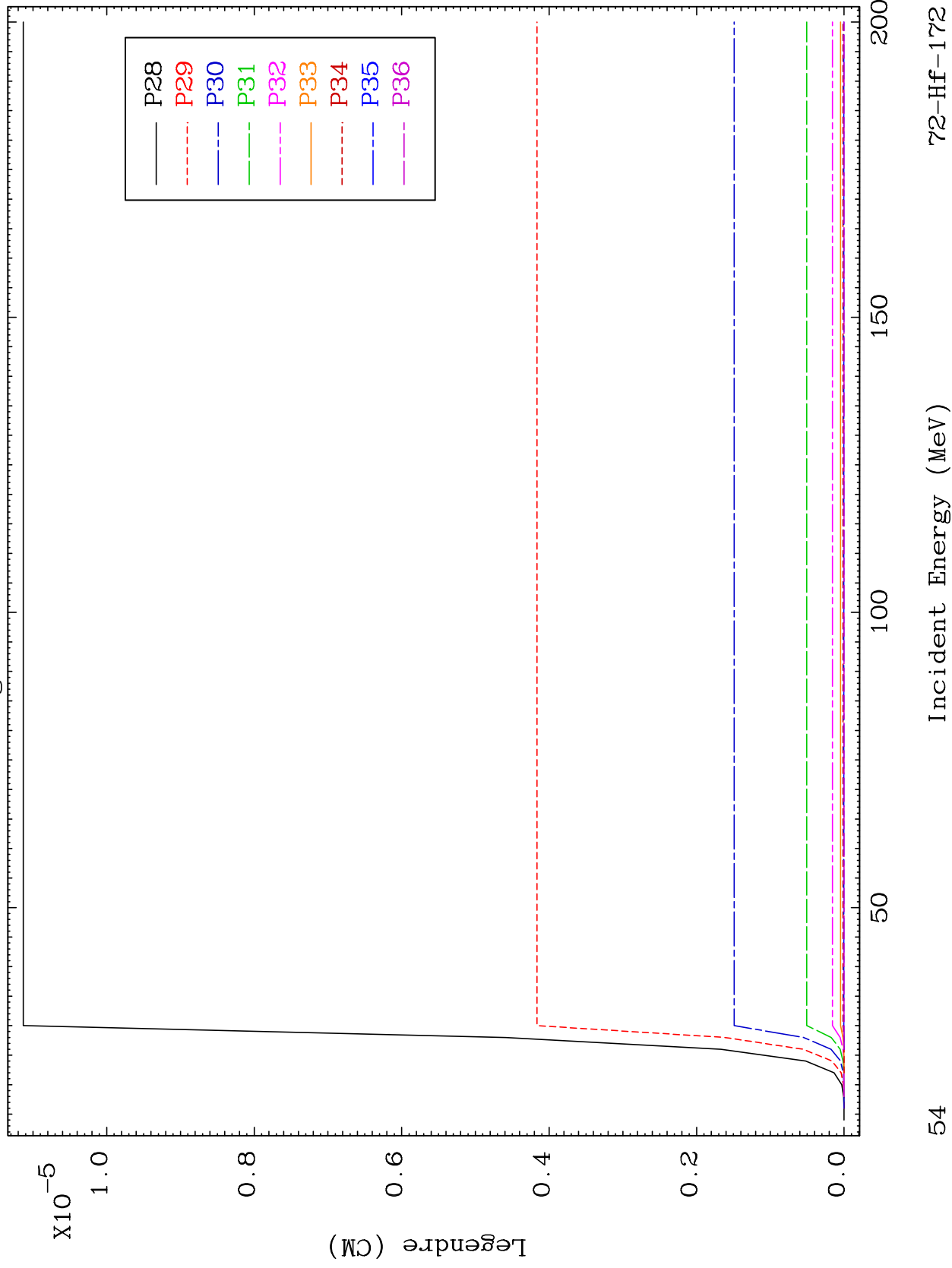
72-Hf-172



MAT 7219

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

72-Hf-172



54

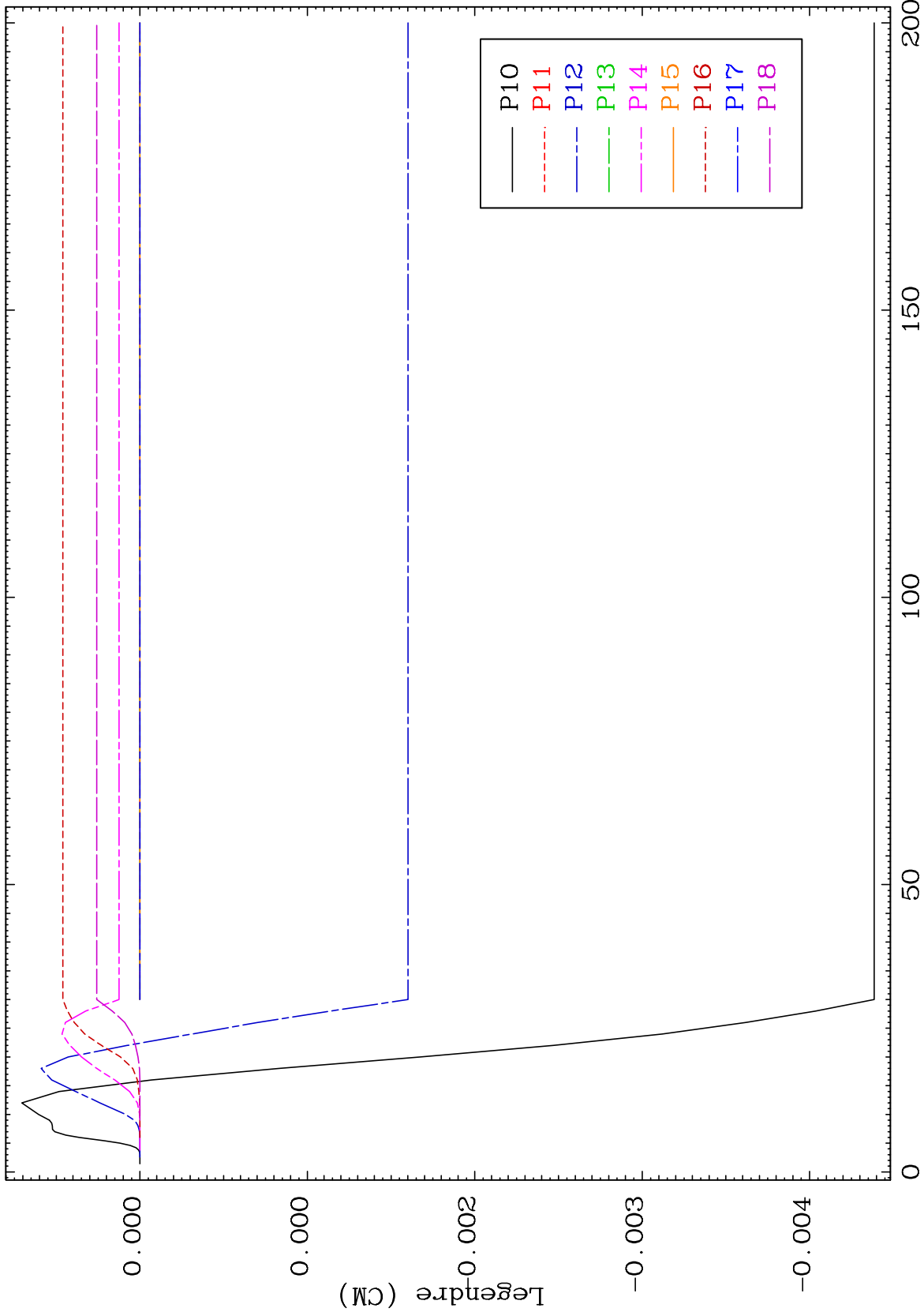
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

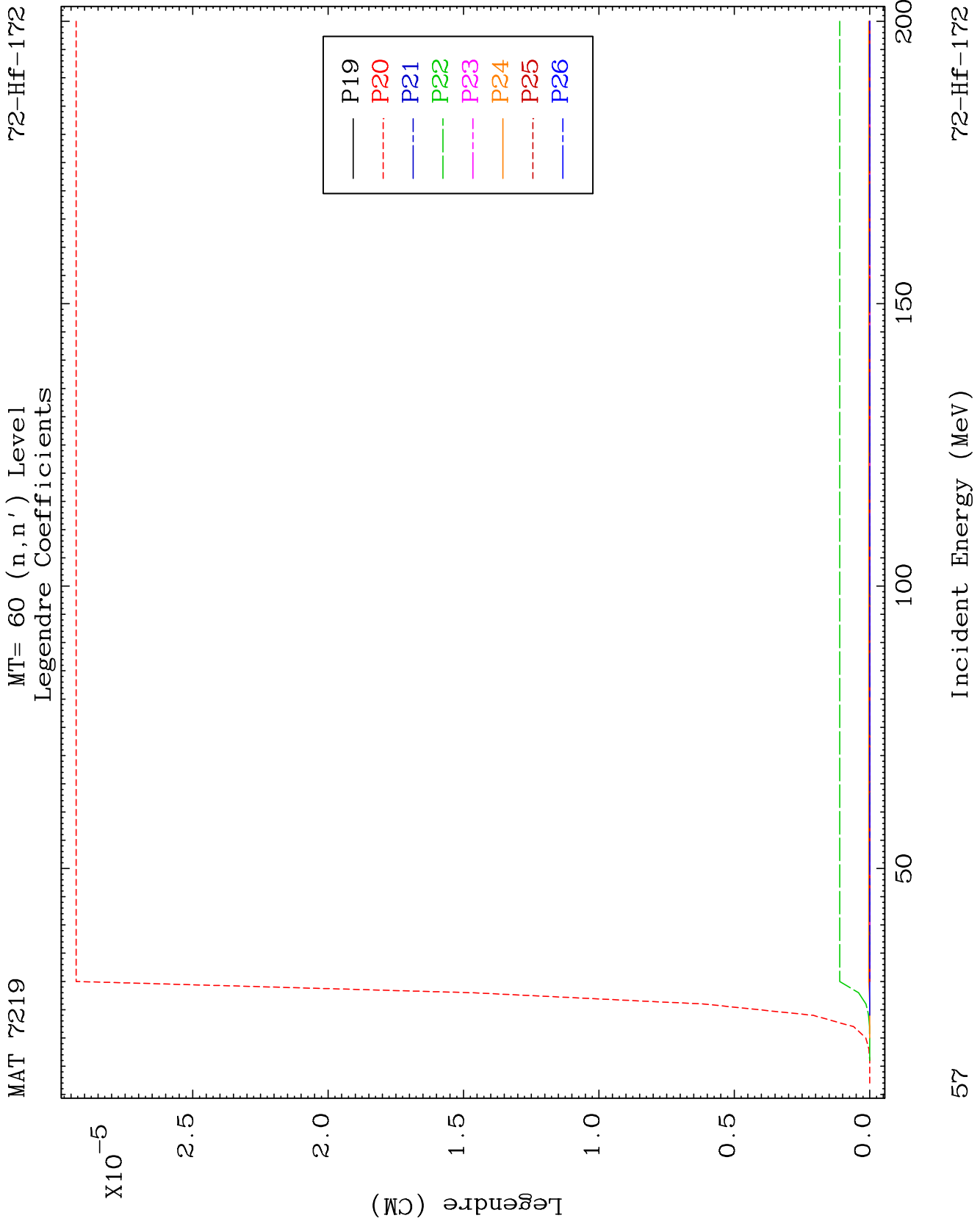
72-Hf-172

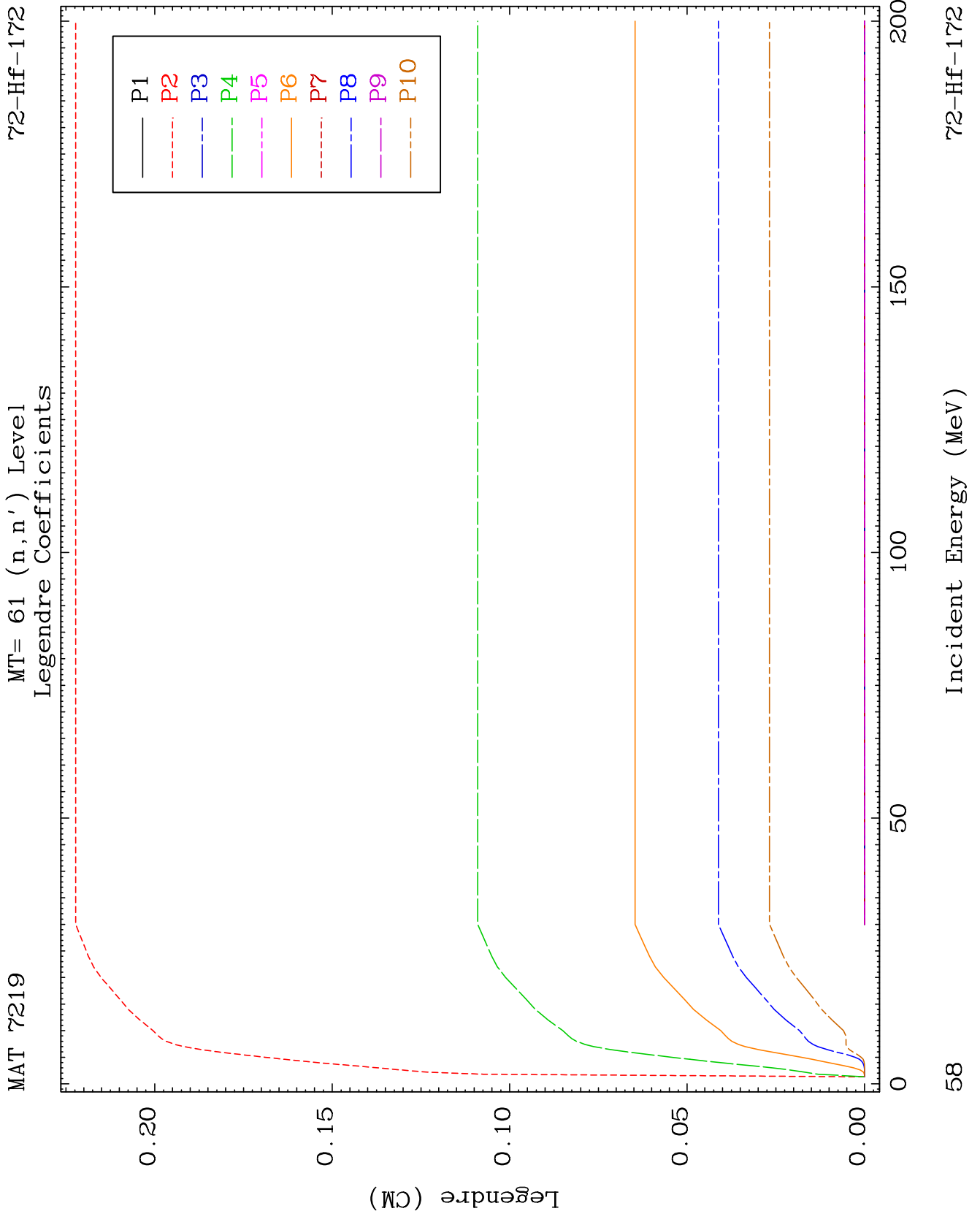


56

Incident Energy (MeV)

72-Hf-172





72-Hf-172

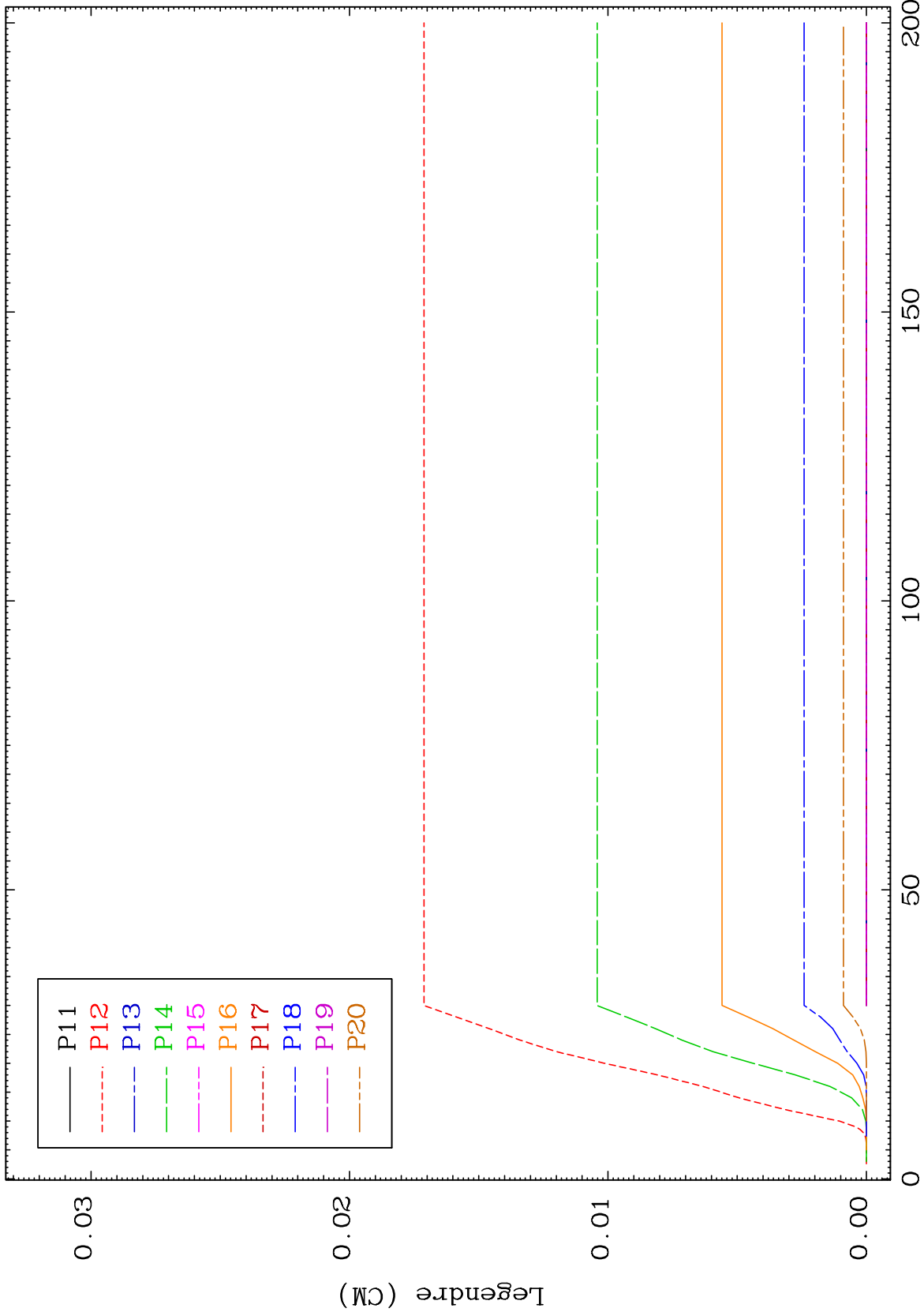
Incident Energy (MeV)

58

MAT 7219

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

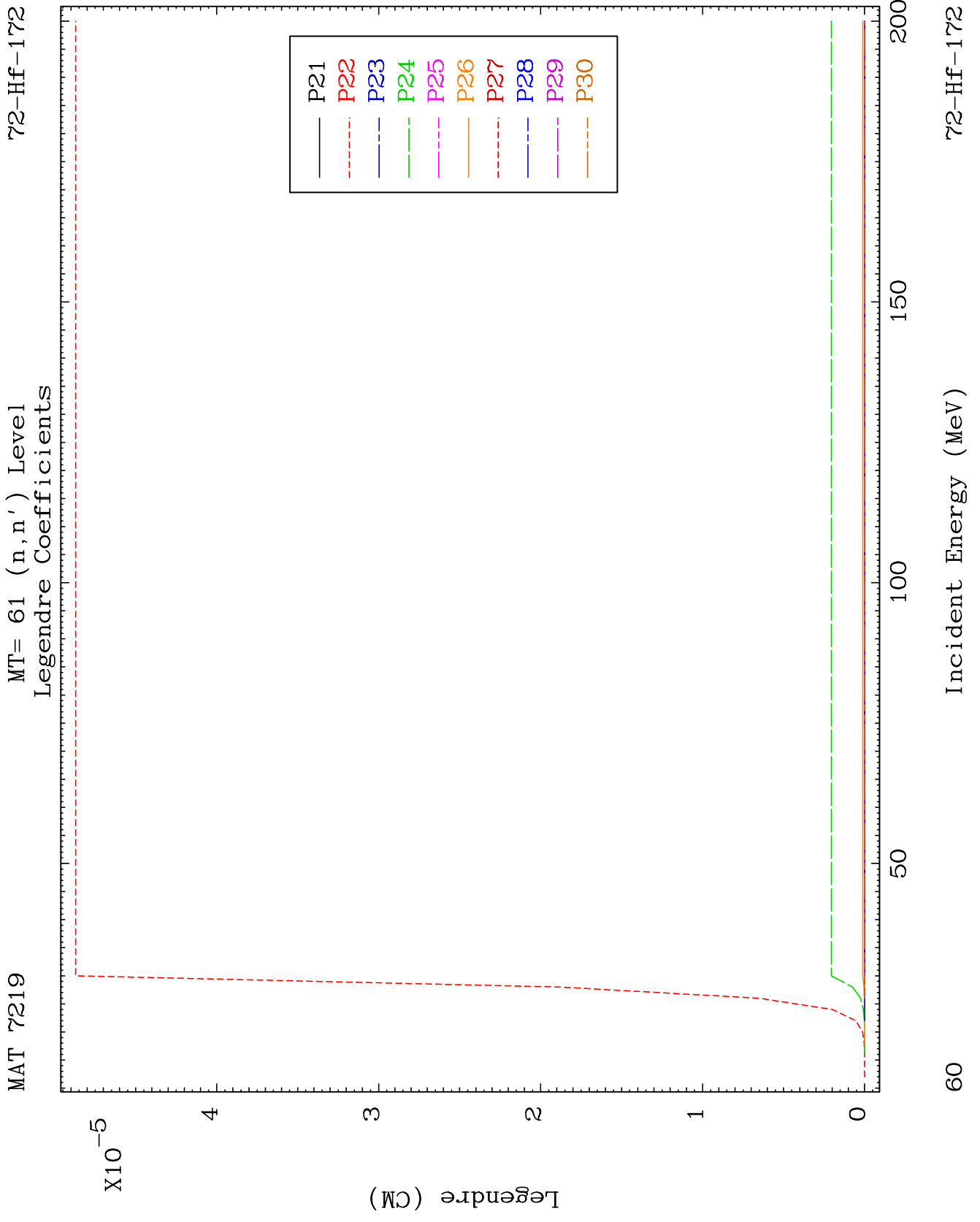
72-Hf-172



59

Incident Energy (MeV)

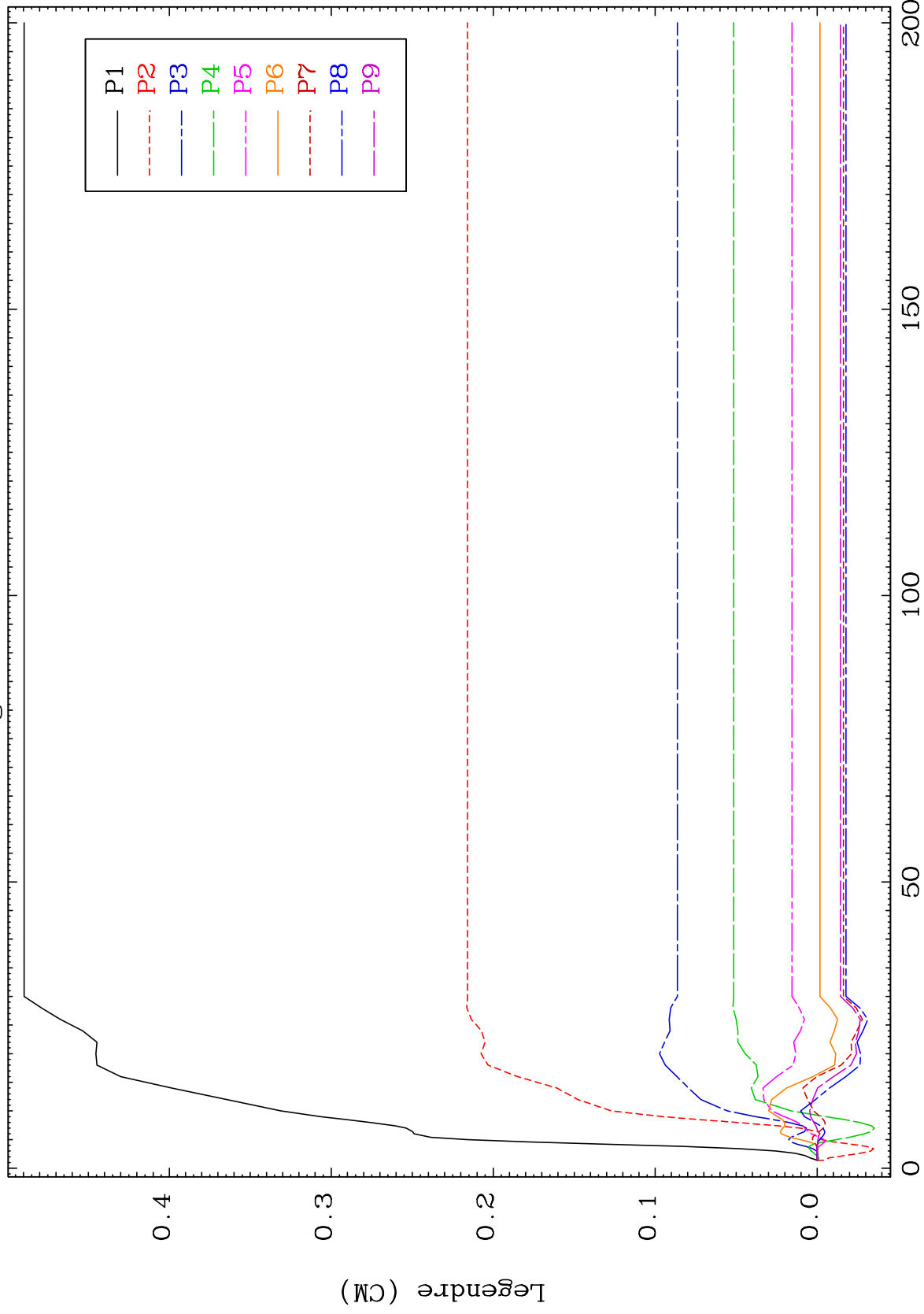
72-Hf-172



MAT 7219

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

72-Hf-172



61

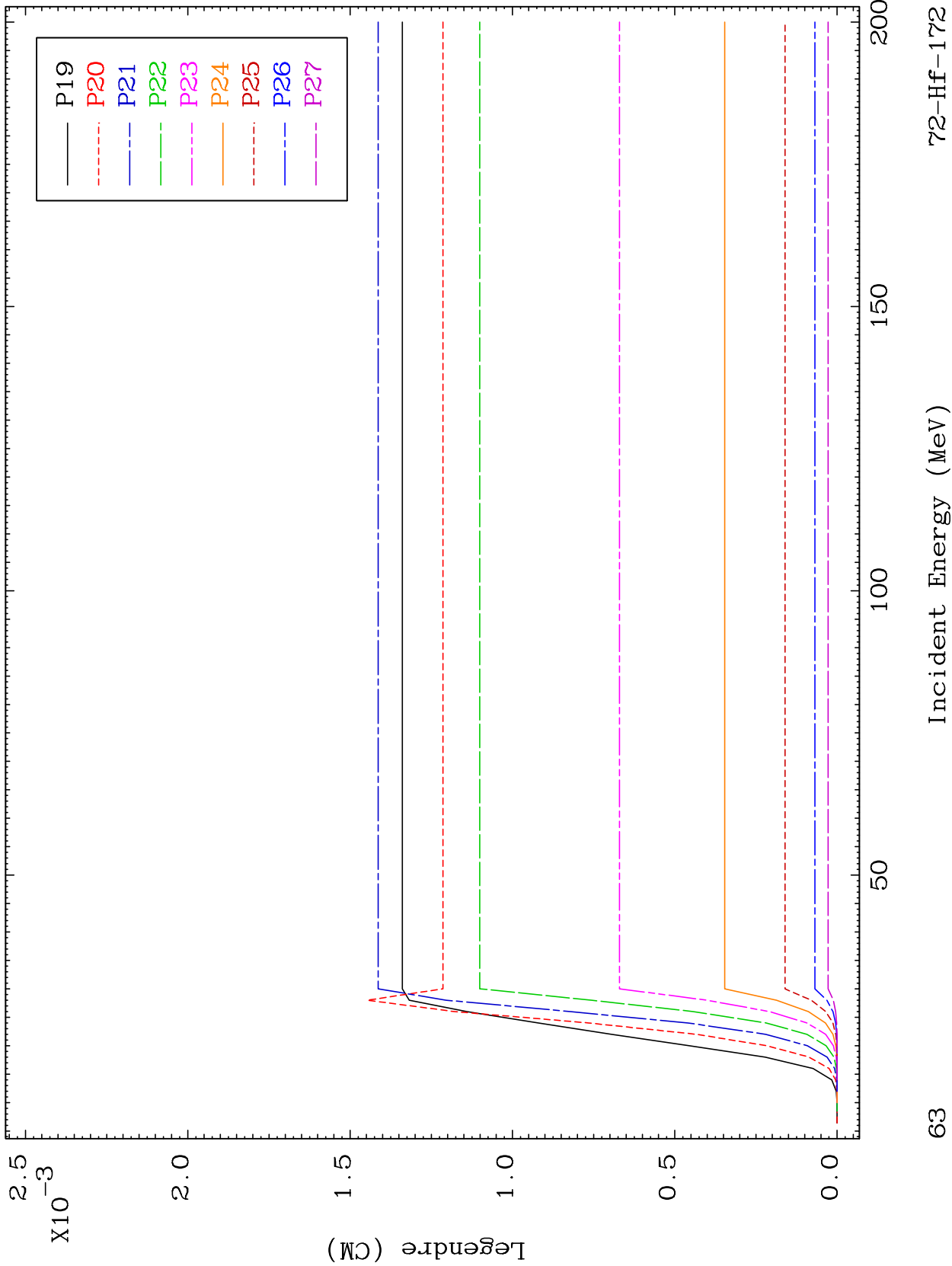
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



63

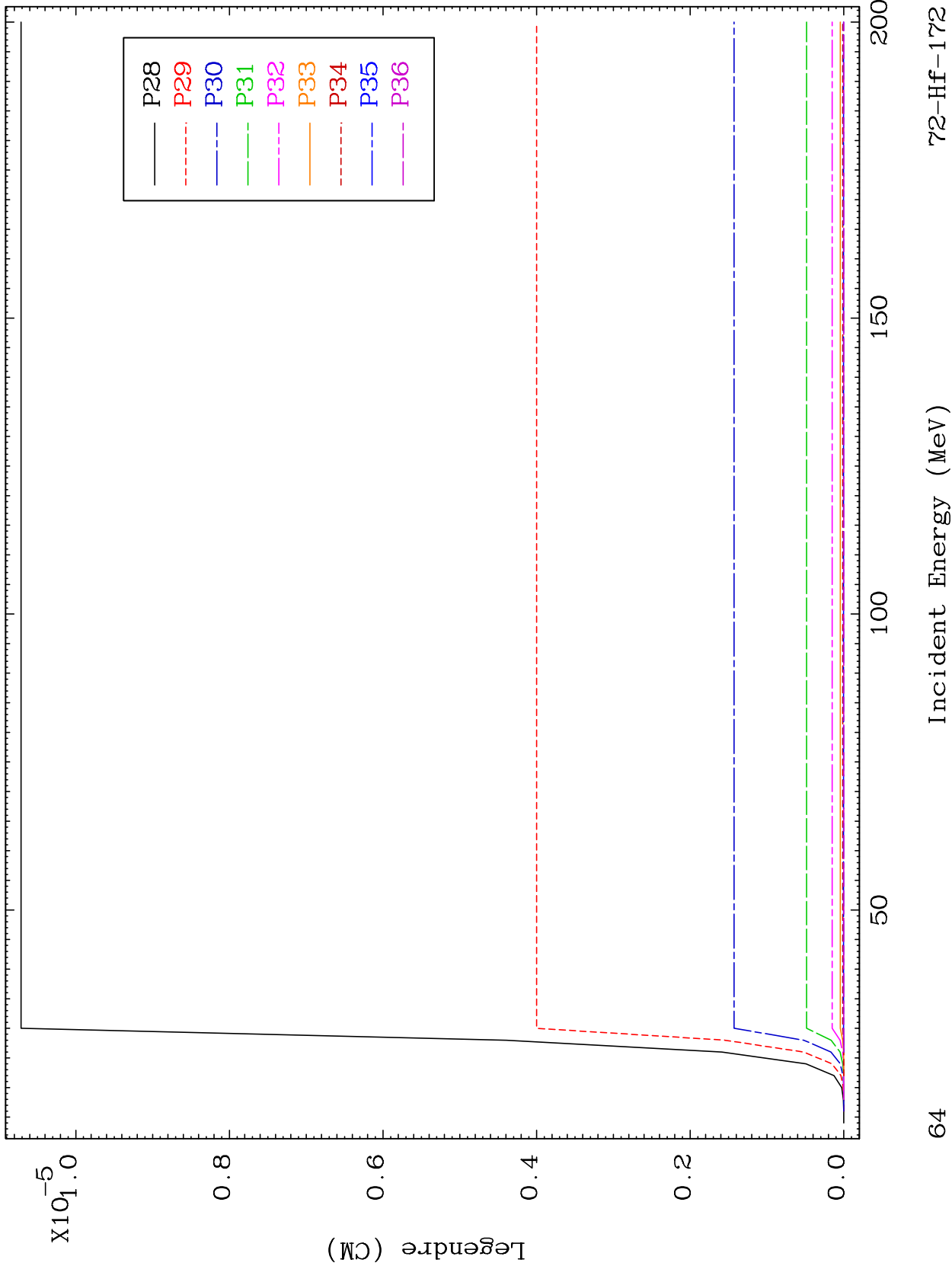
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

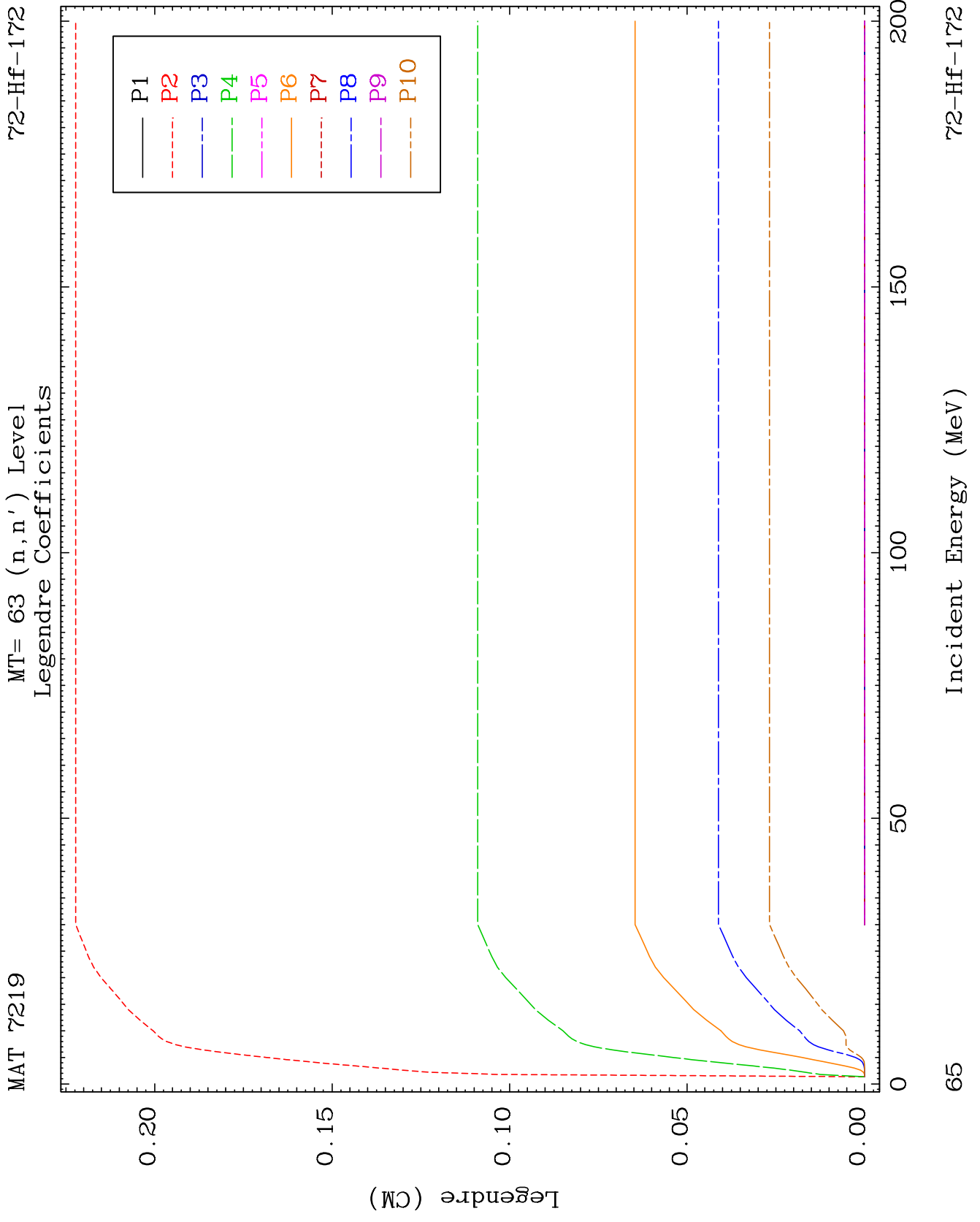
72-Hf-172



64

Incident Energy (MeV)

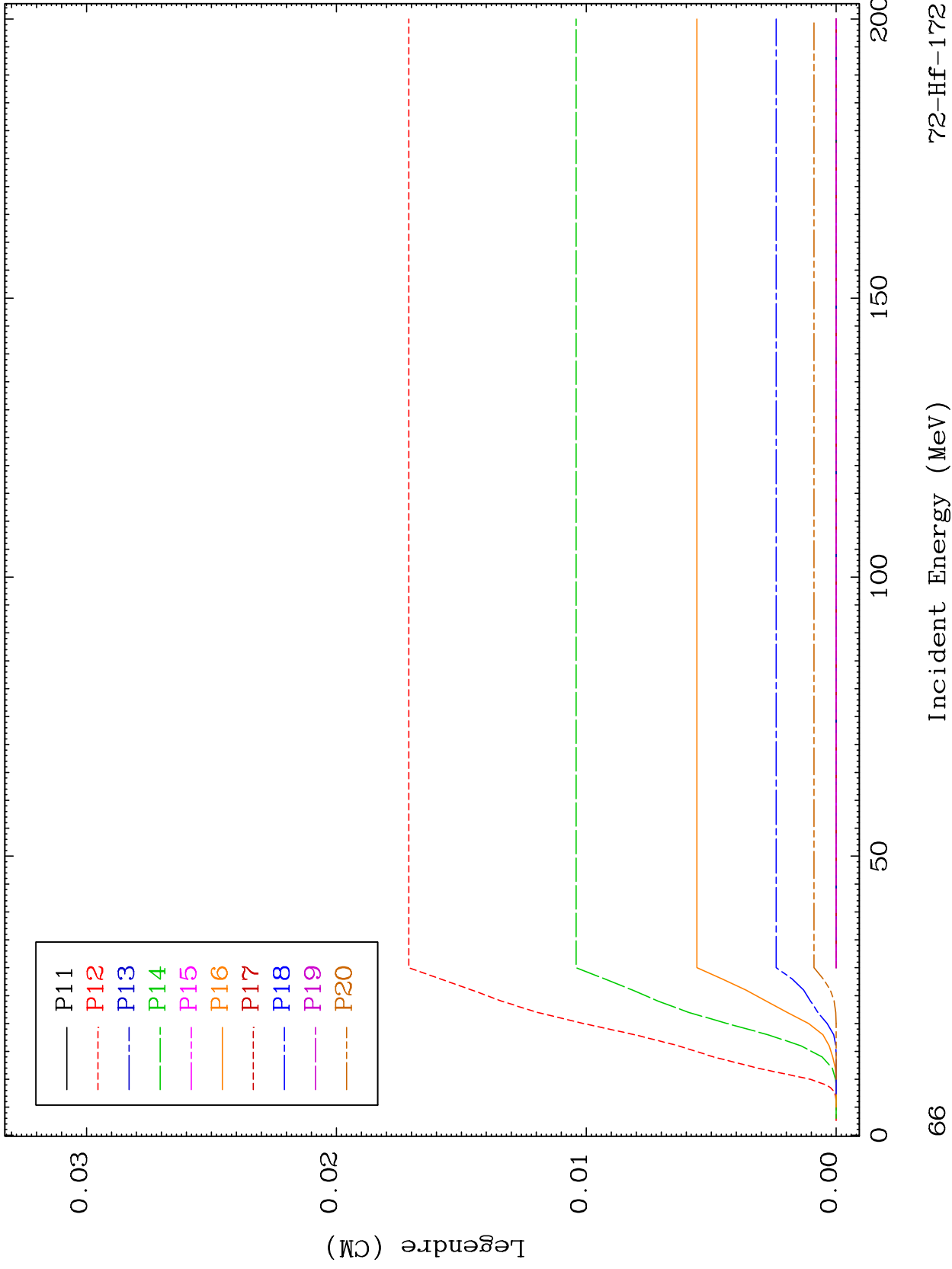
72-Hf-172



MAT 7219

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

72-Hf-172



66

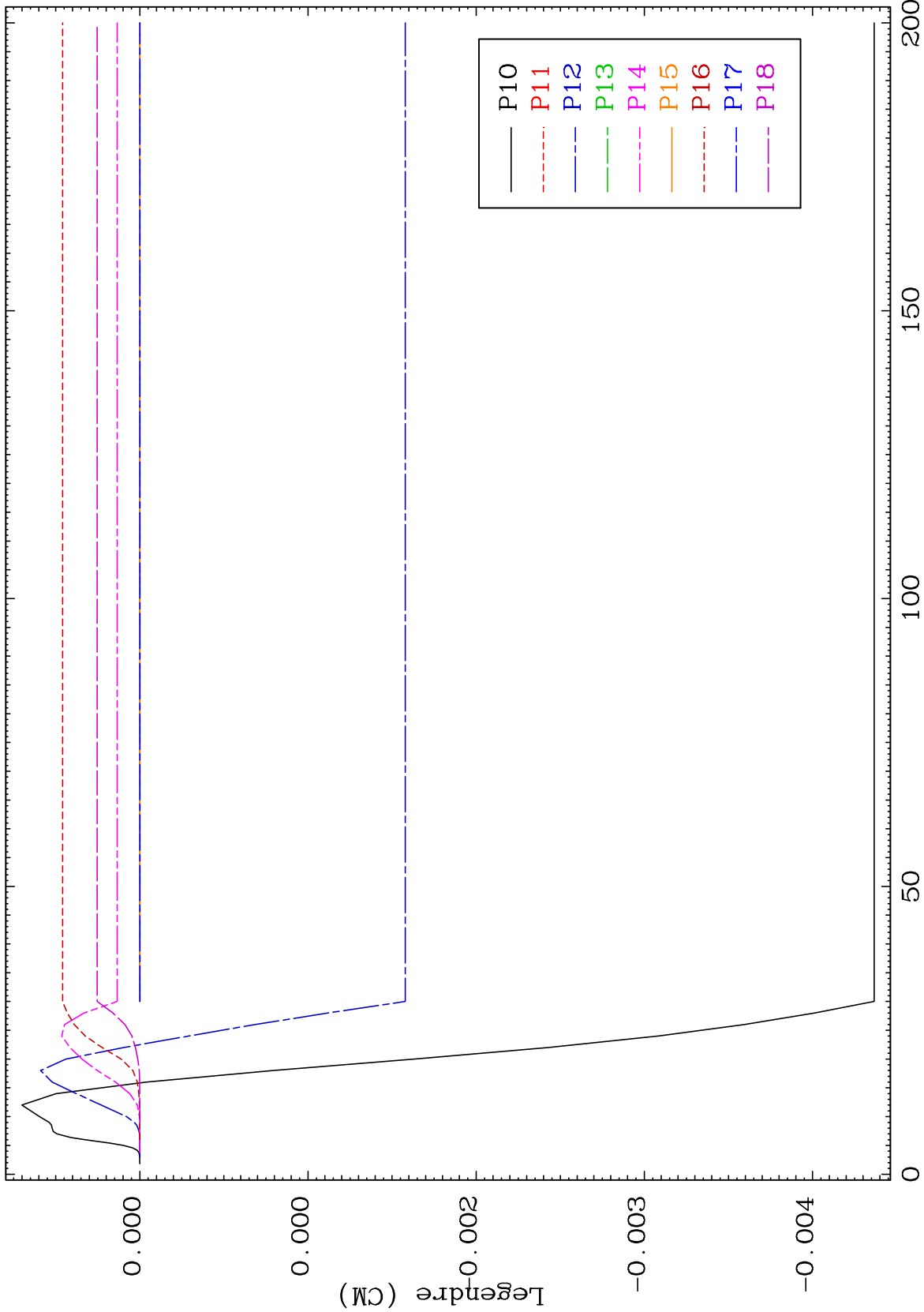
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

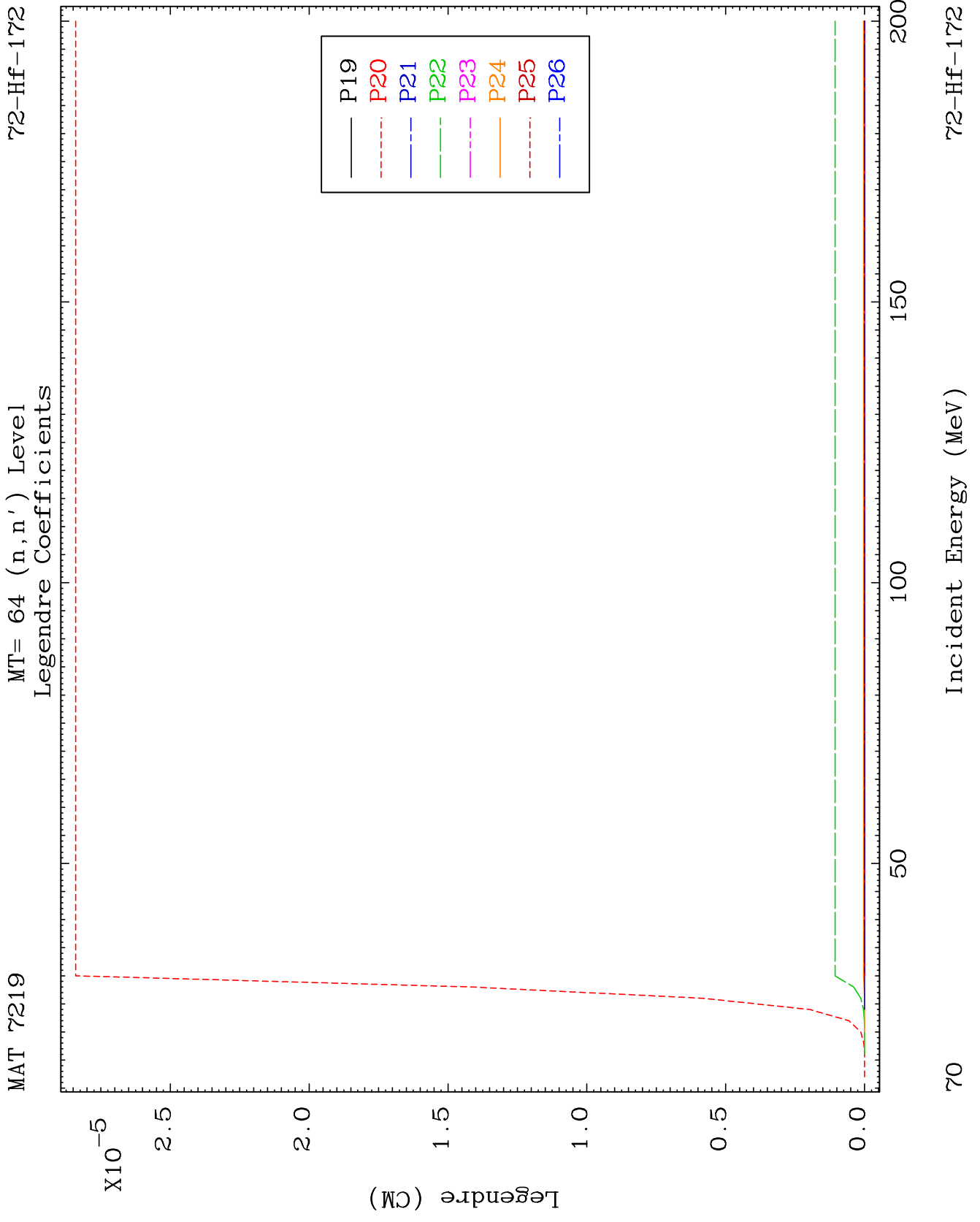
72-Hf-172



69

Incident Energy (MeV)

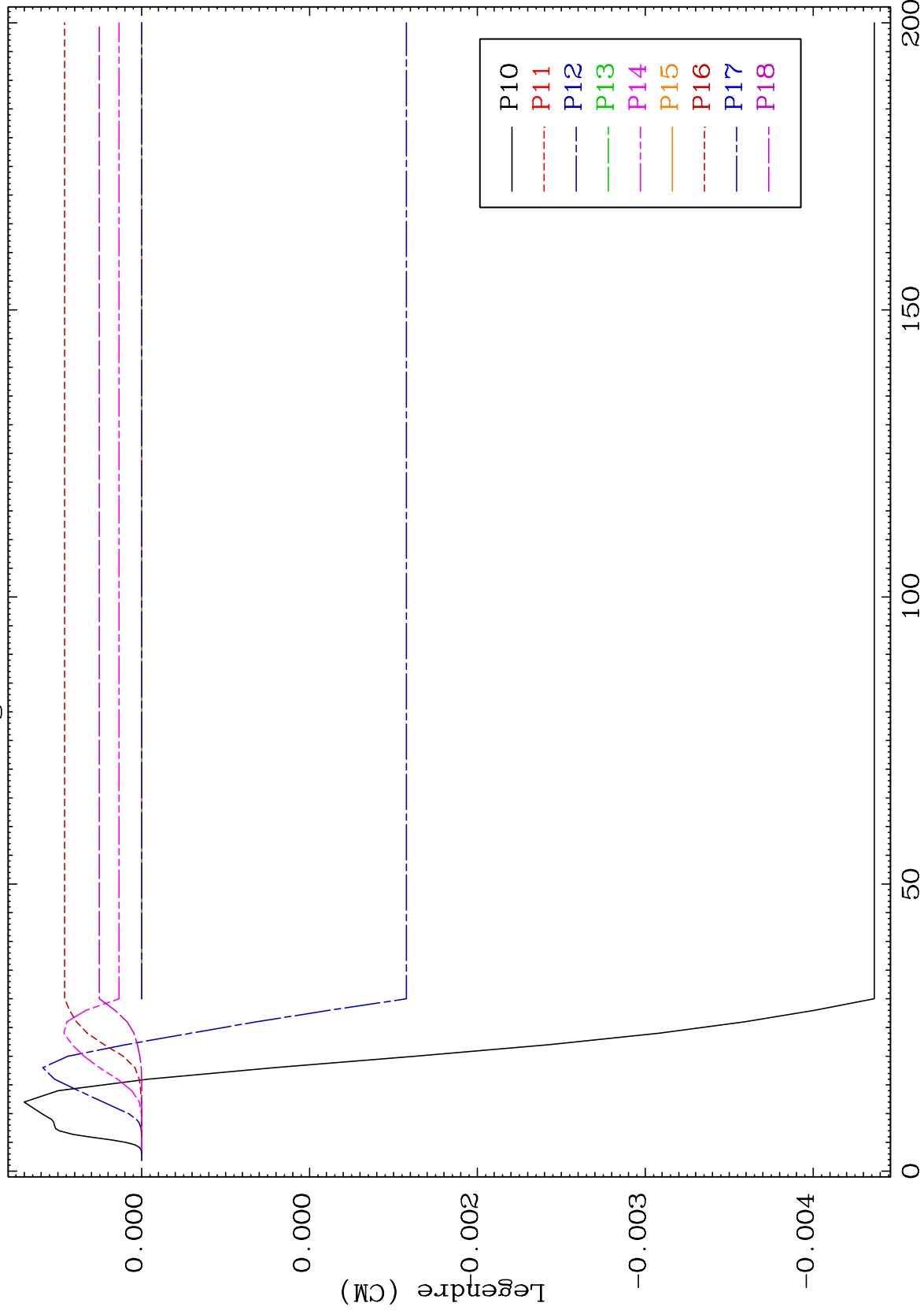
72-Hf-172



MAT 7219

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

72-Hf-172



72

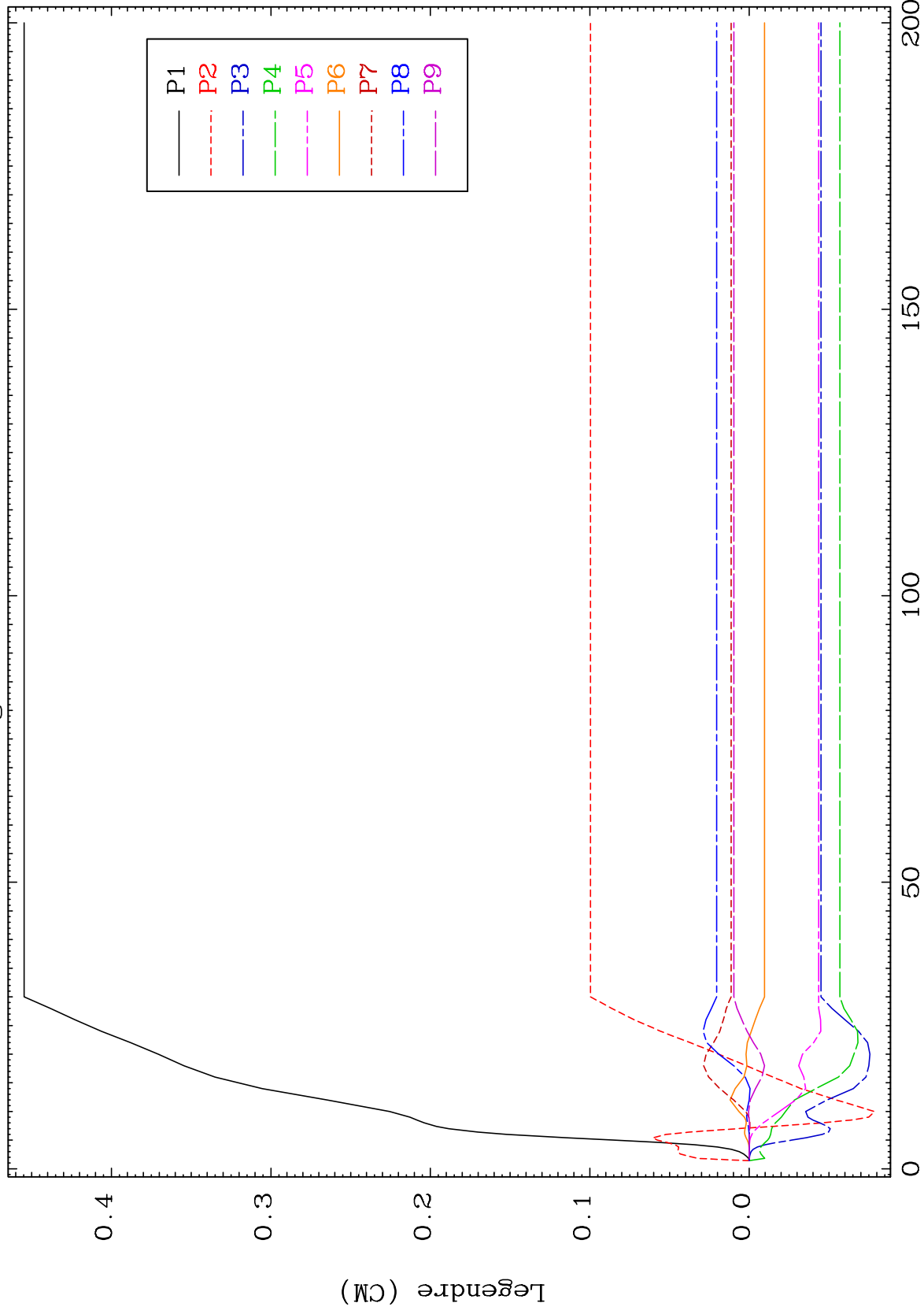
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



74

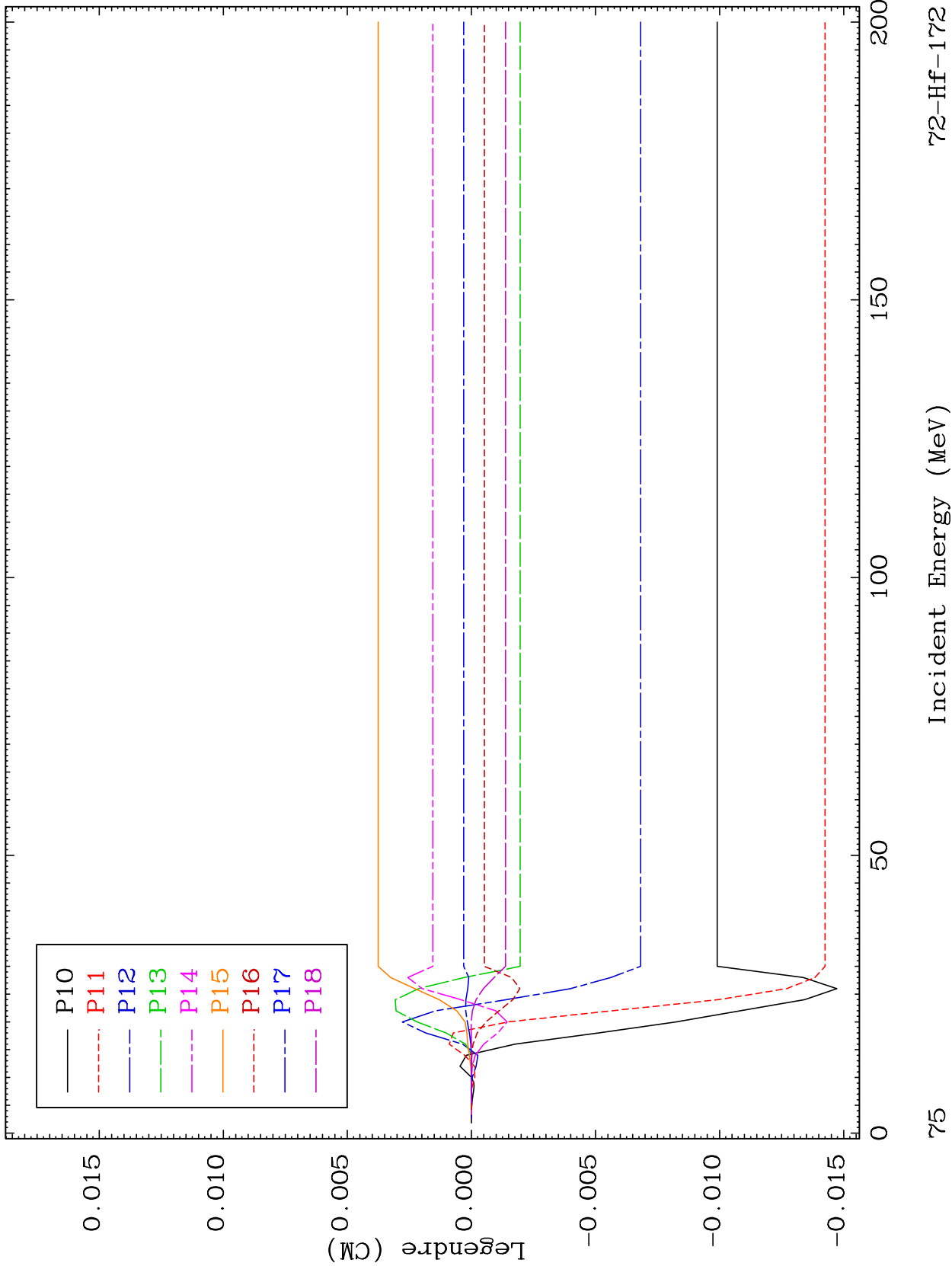
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



75

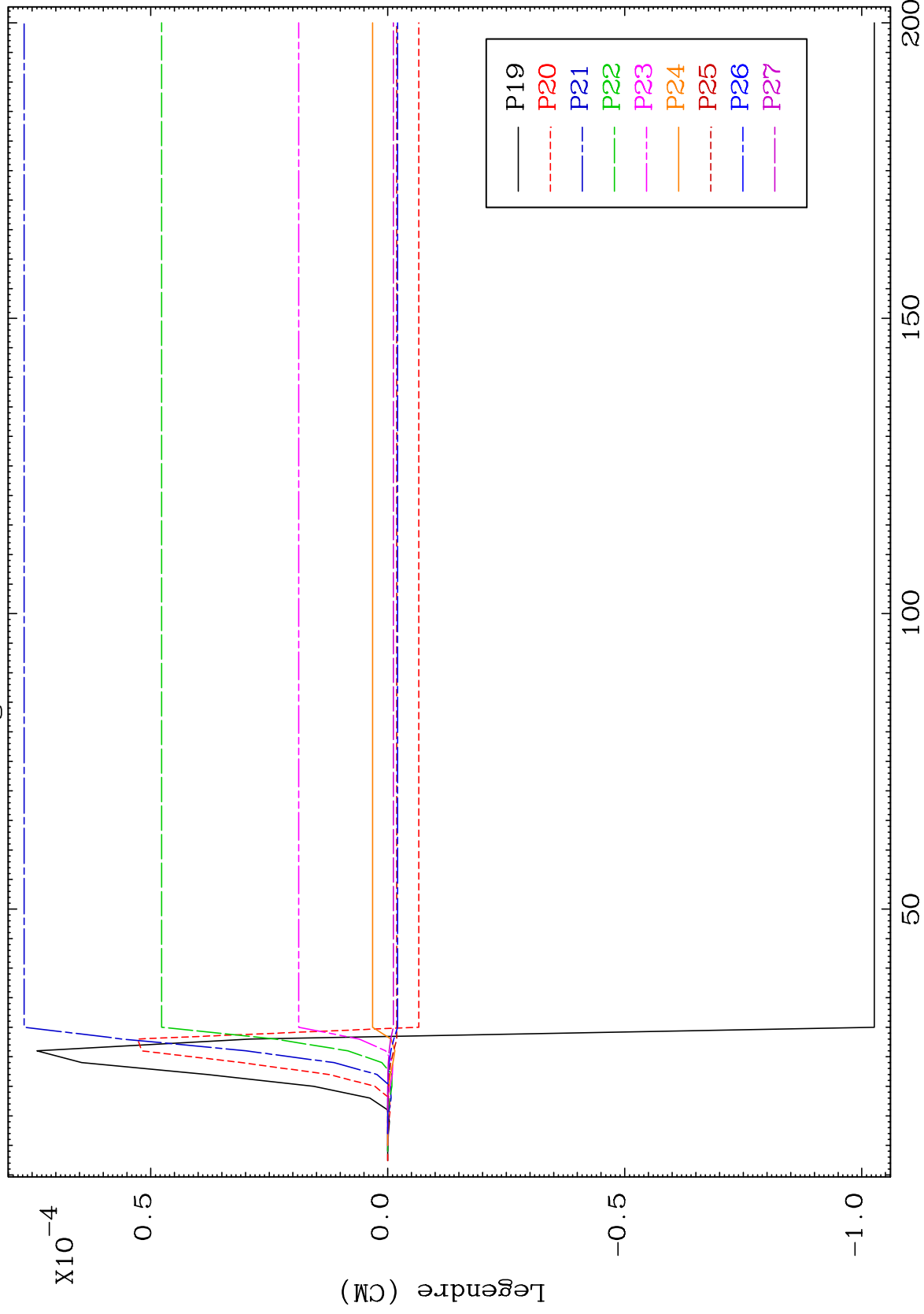
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

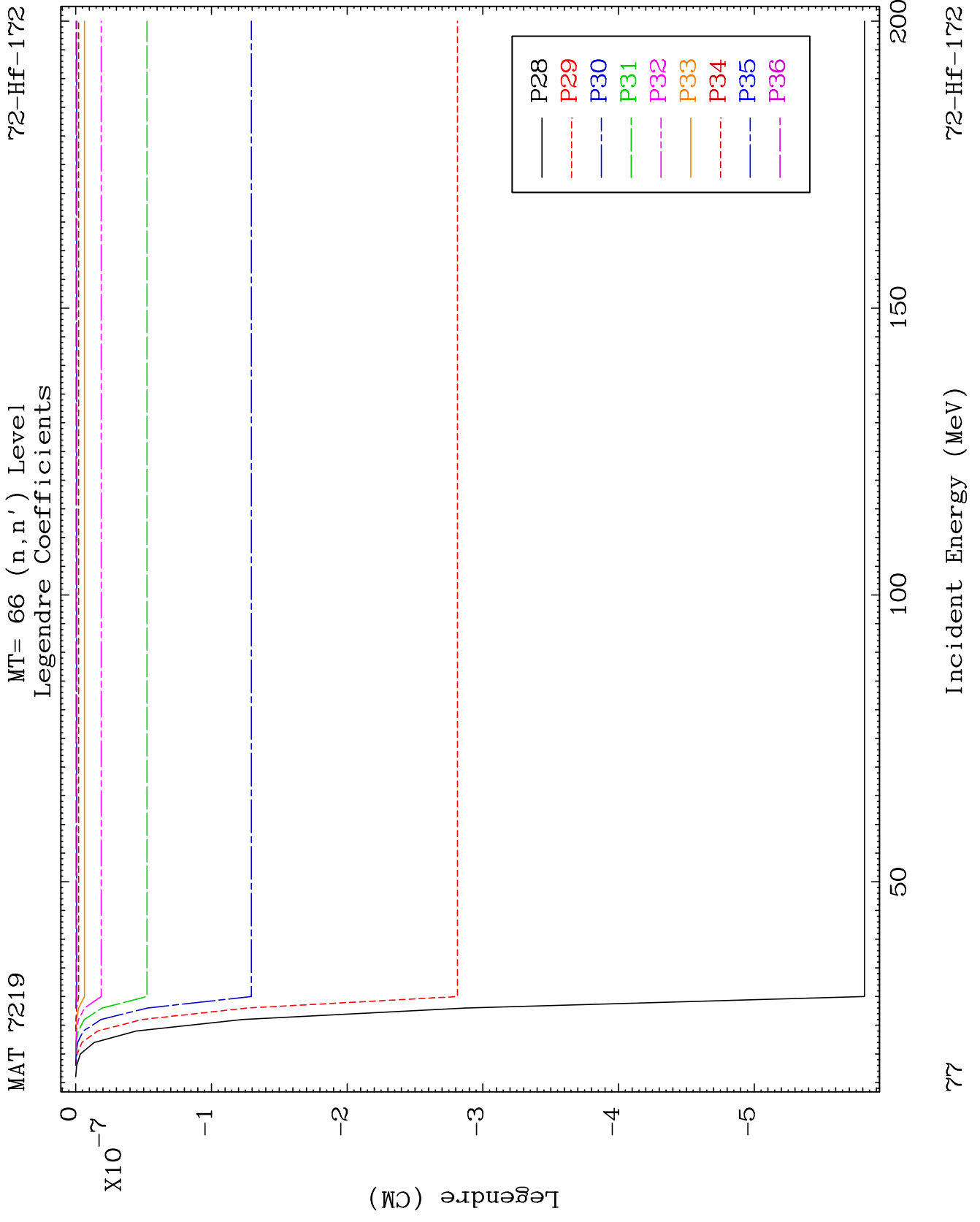
72-Hf-172



76

Incident Energy (MeV)

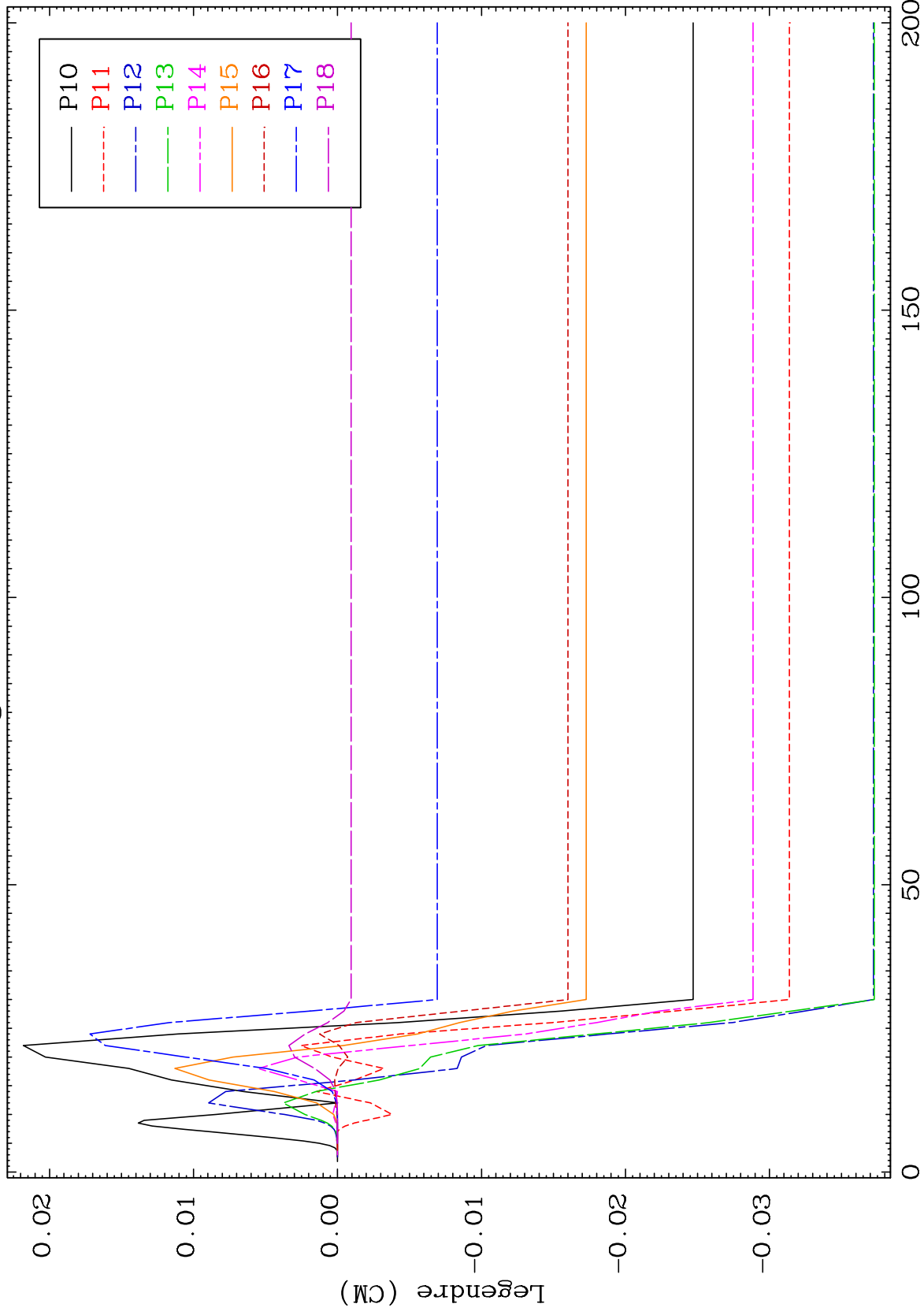
72-Hf-172



MAT 7219

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

72-Hf-172



79

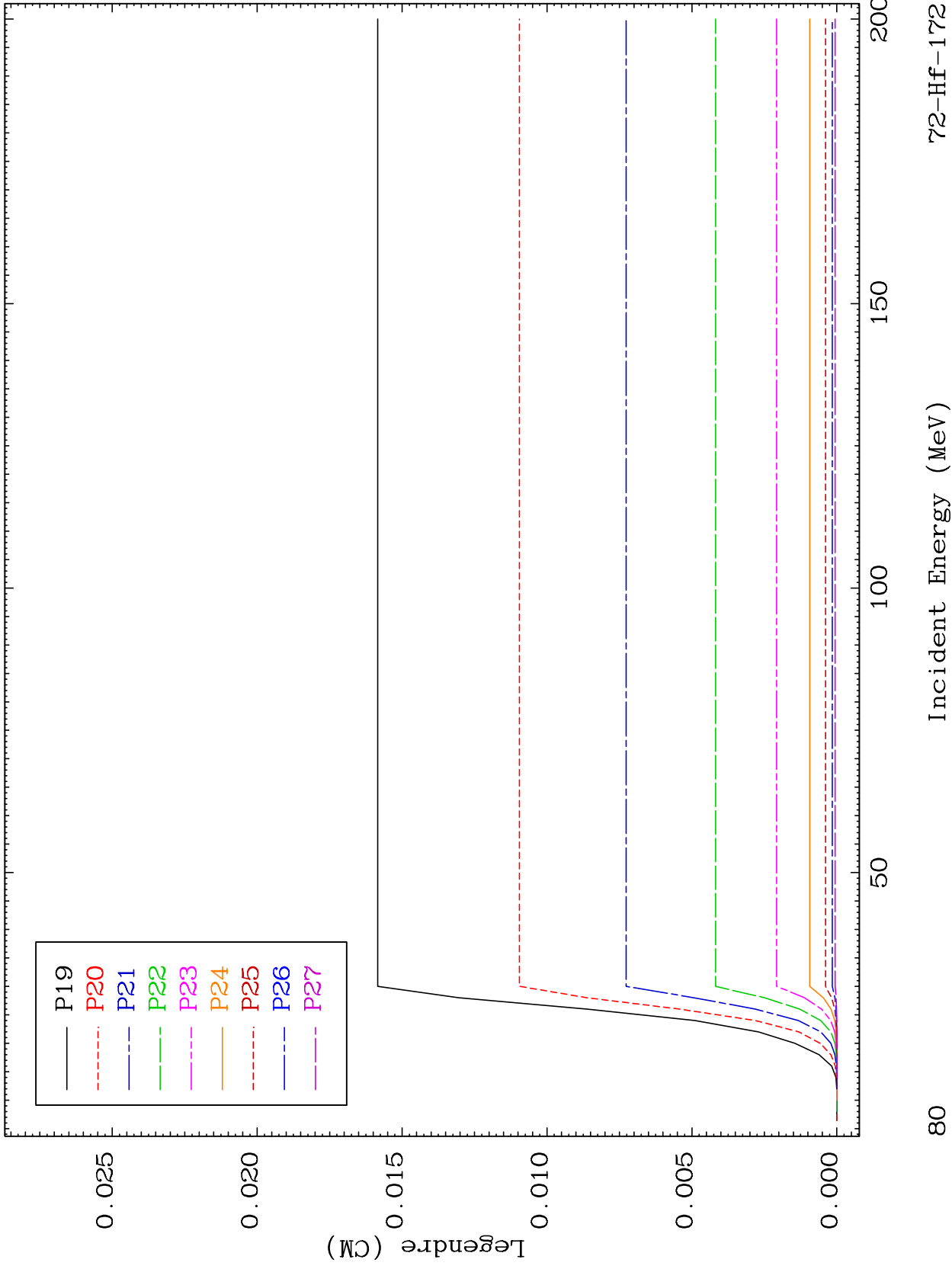
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



80

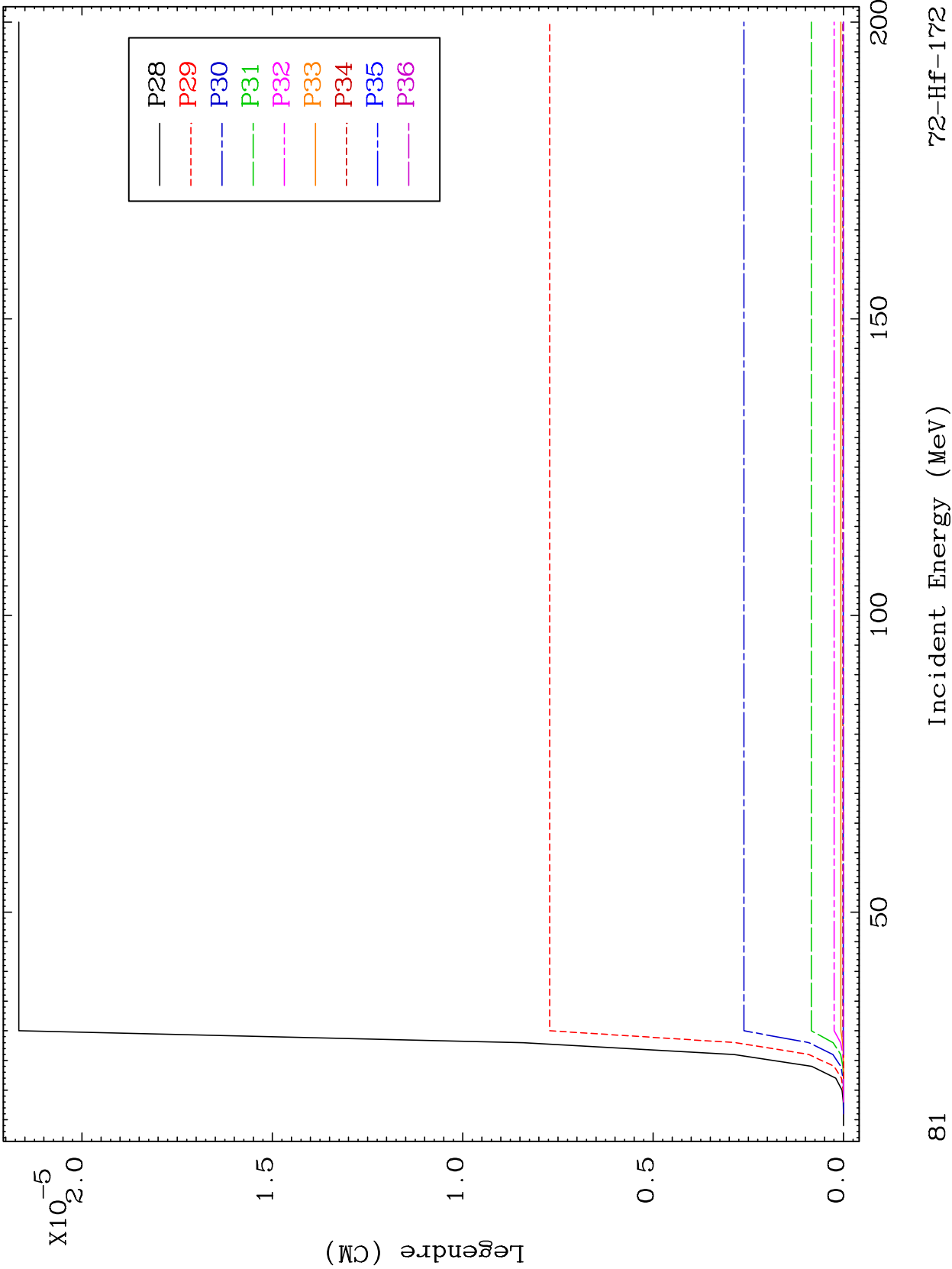
Incident Energy (MeV)

72-Hf-172

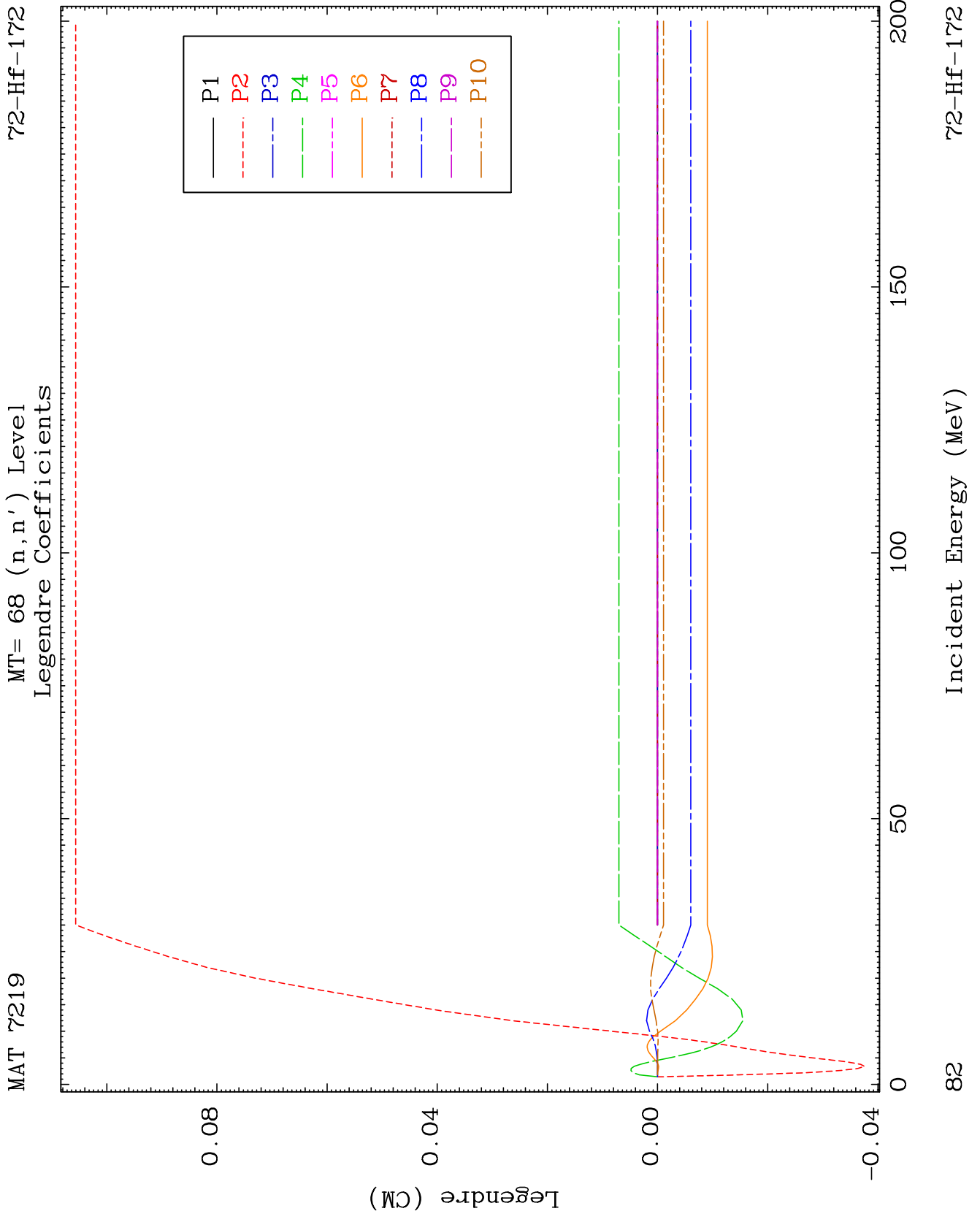
MAT 7219

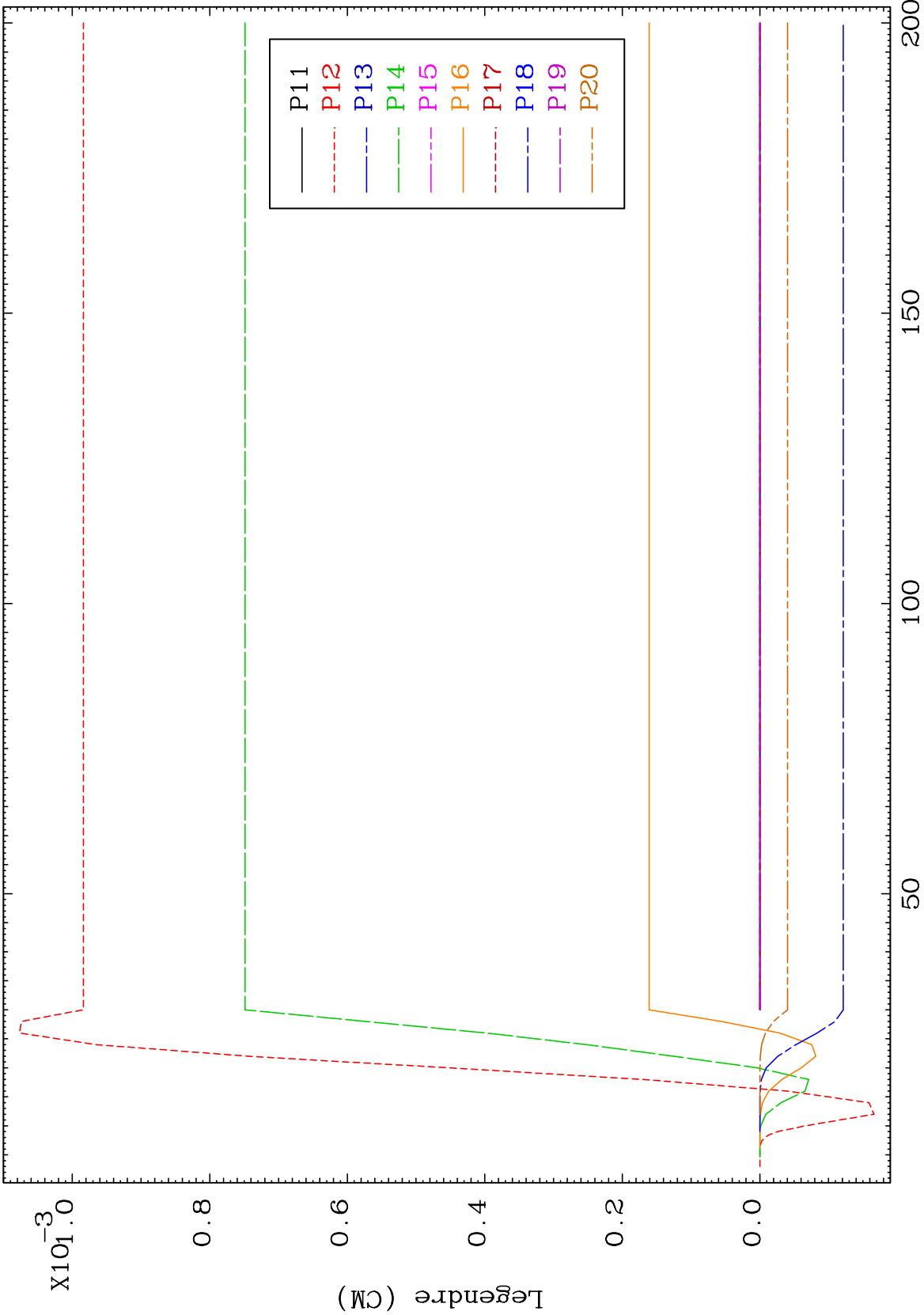
MT= 67 (n,n') Level
Legendre Coefficients

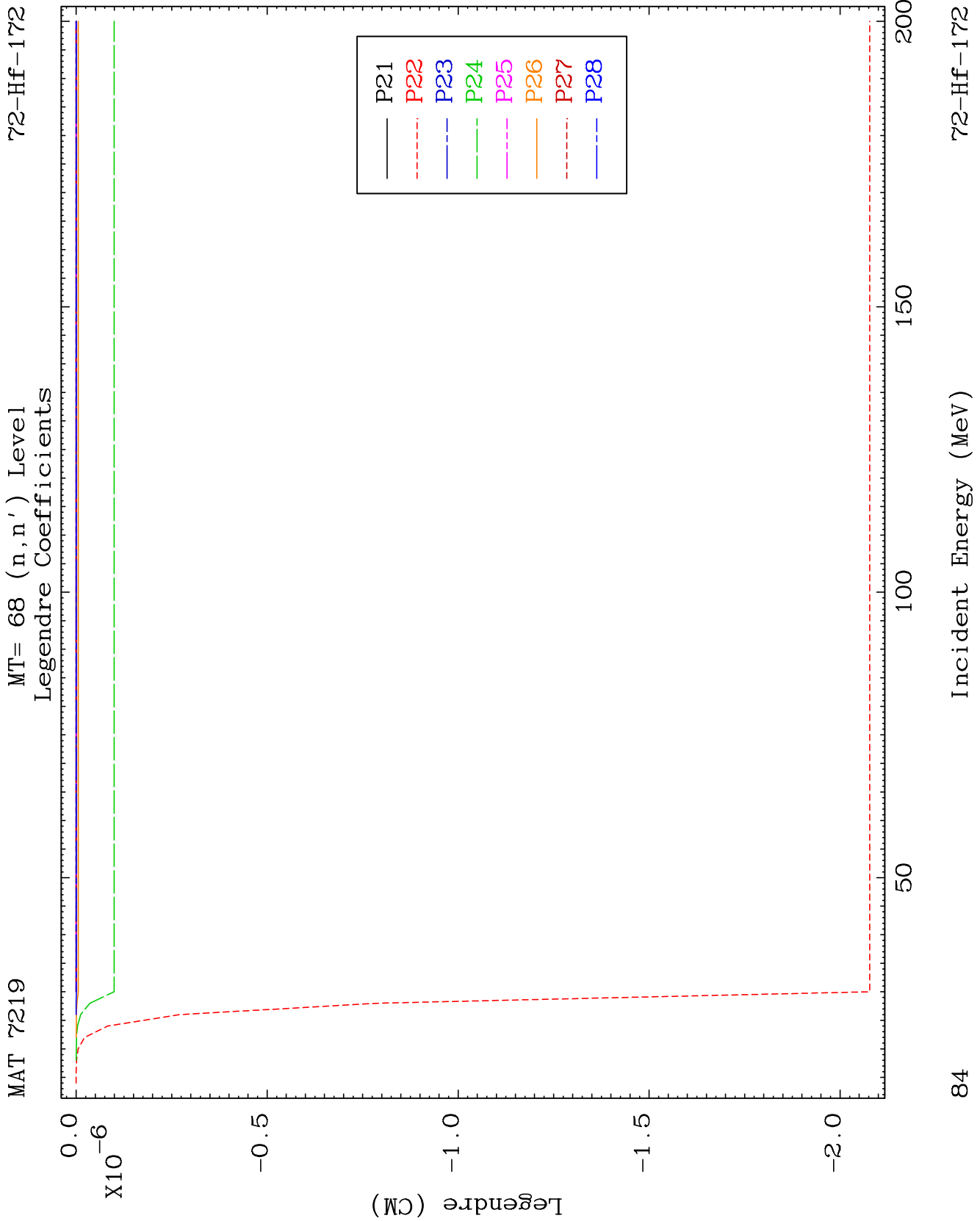
72-Hf-172



81



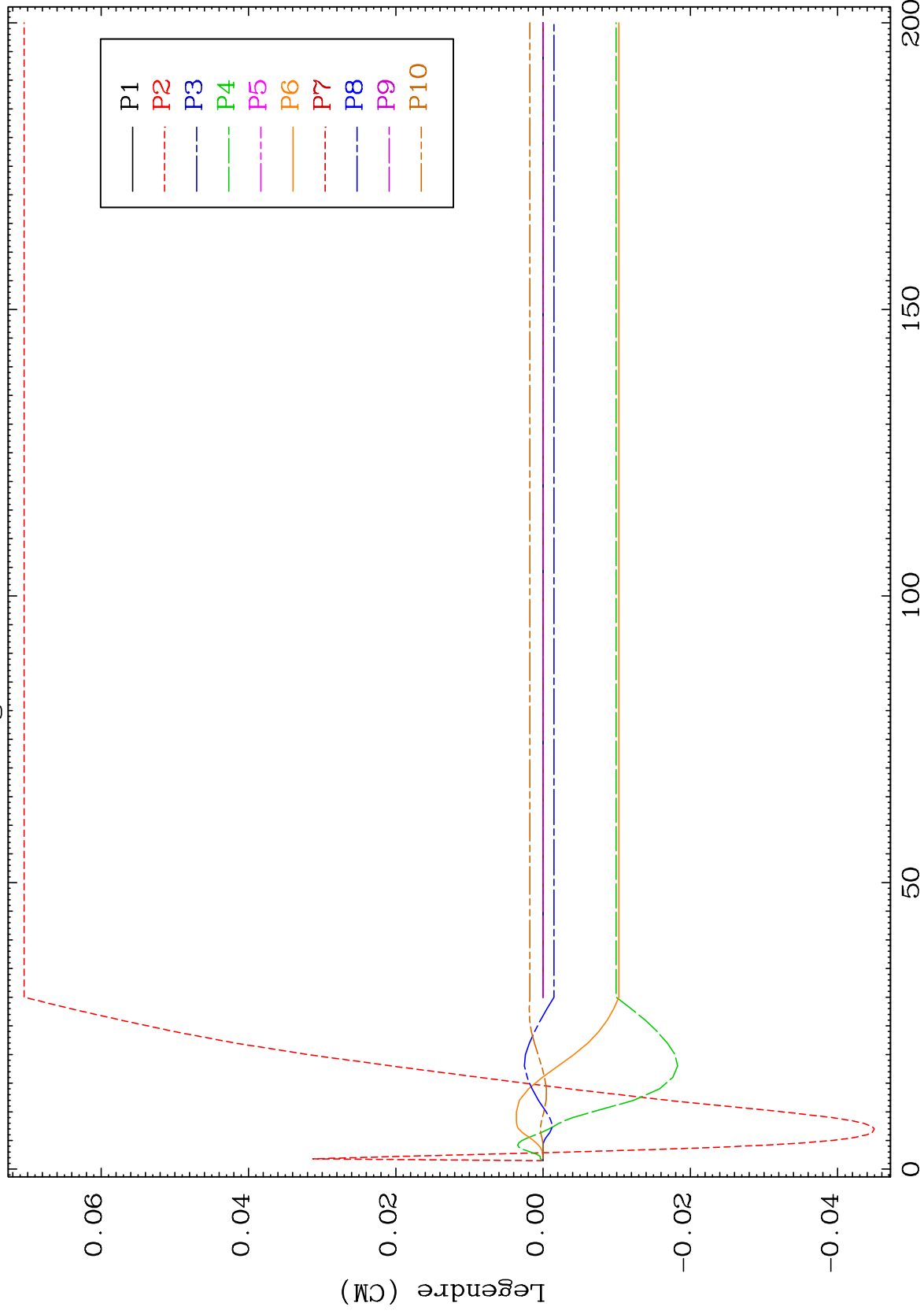




MAT 7219

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

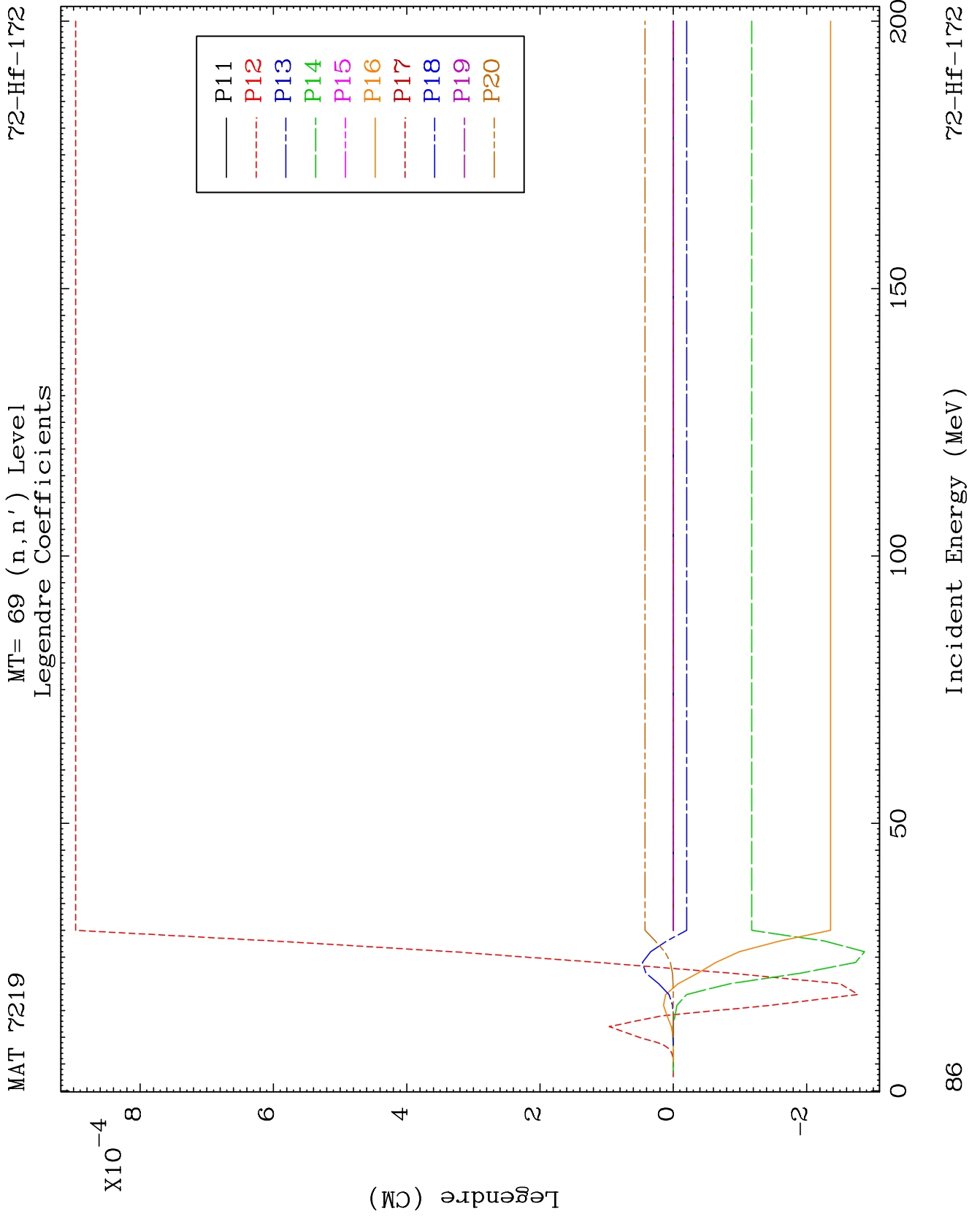
72-Hf-172



85

Incident Energy (MeV)

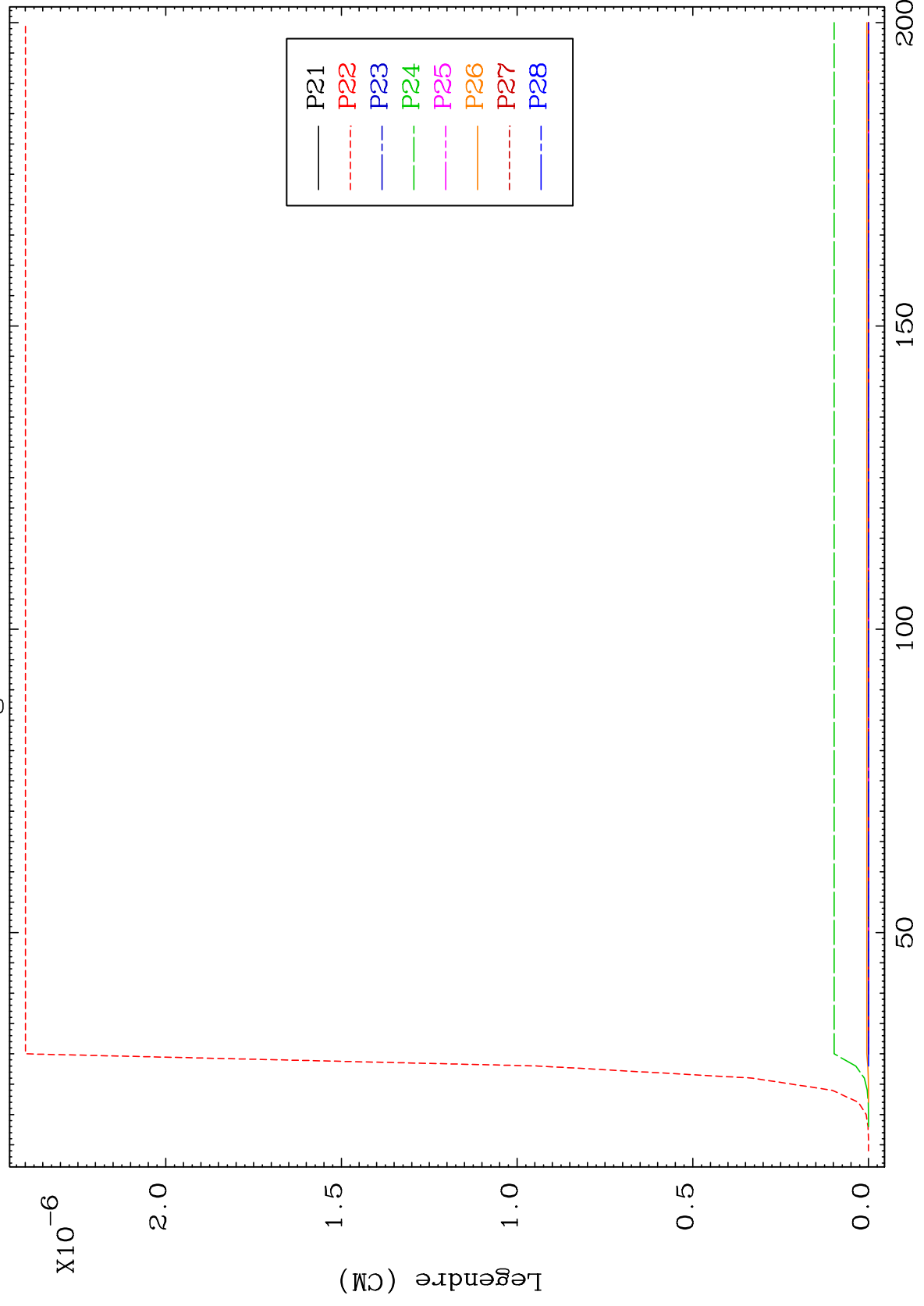
72-Hf-172



MAT 7219

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

72-Hf-172



87

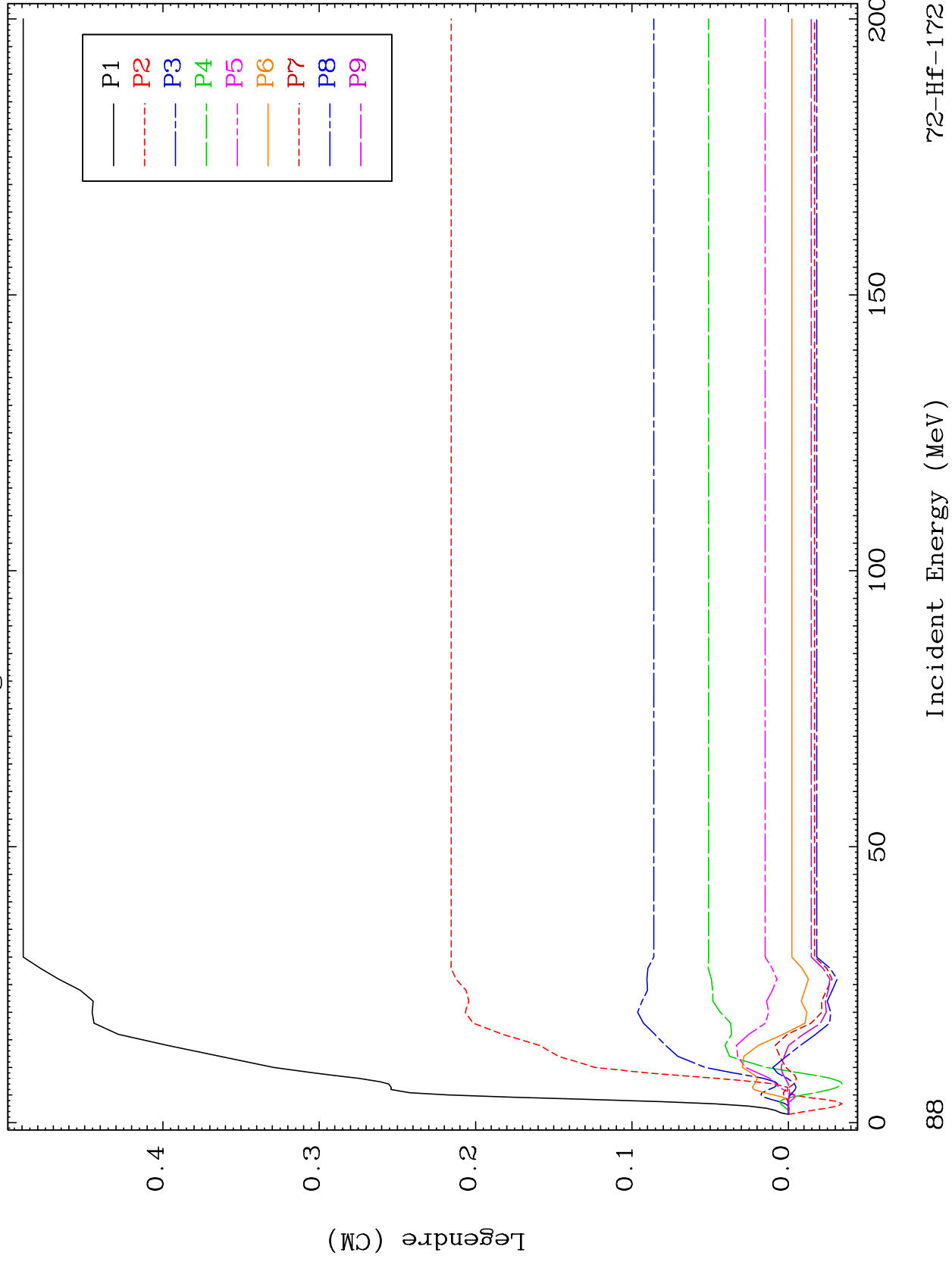
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



72-Hf-172

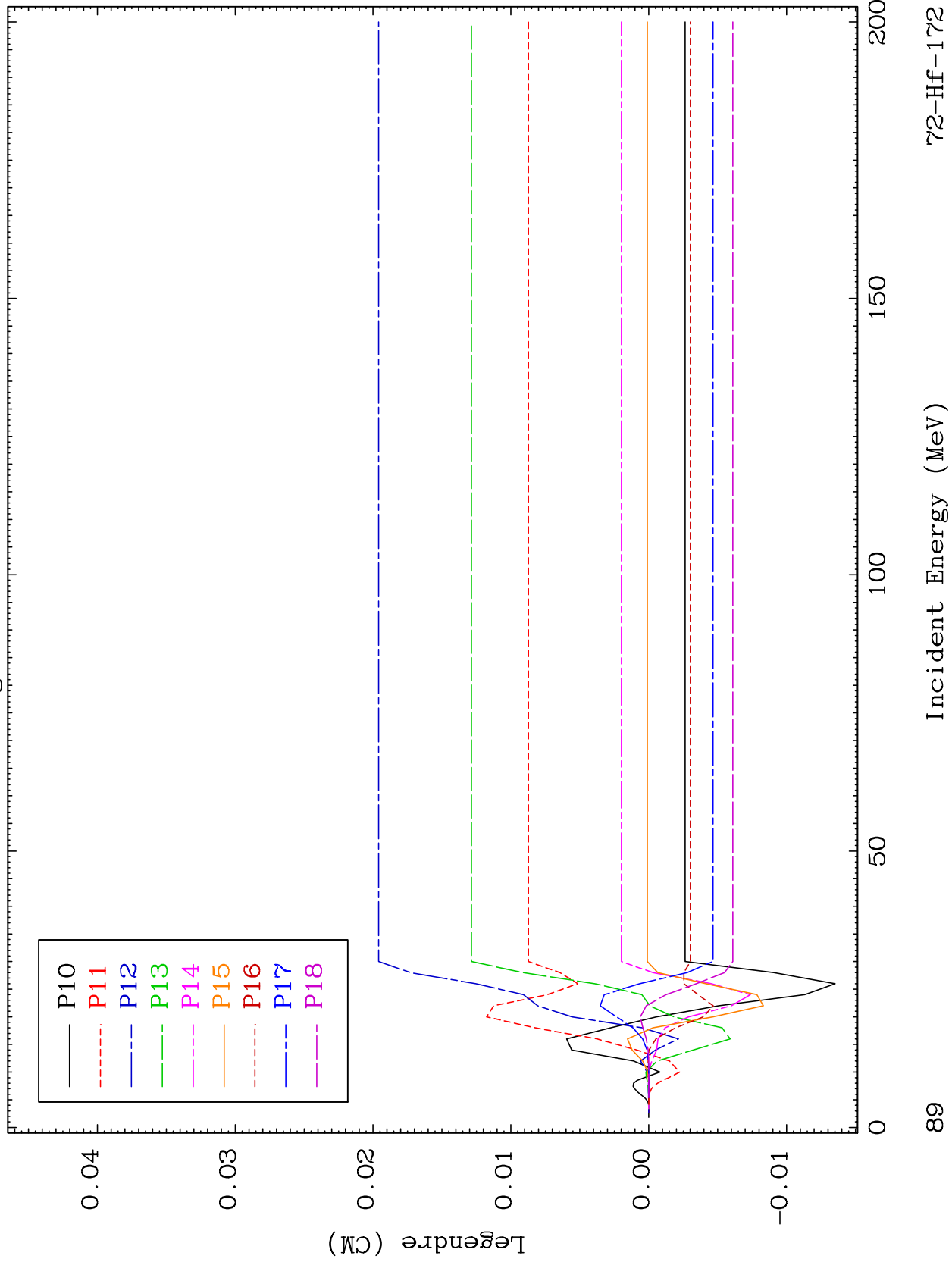
Incident Energy (MeV)

88

MAT 7219

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

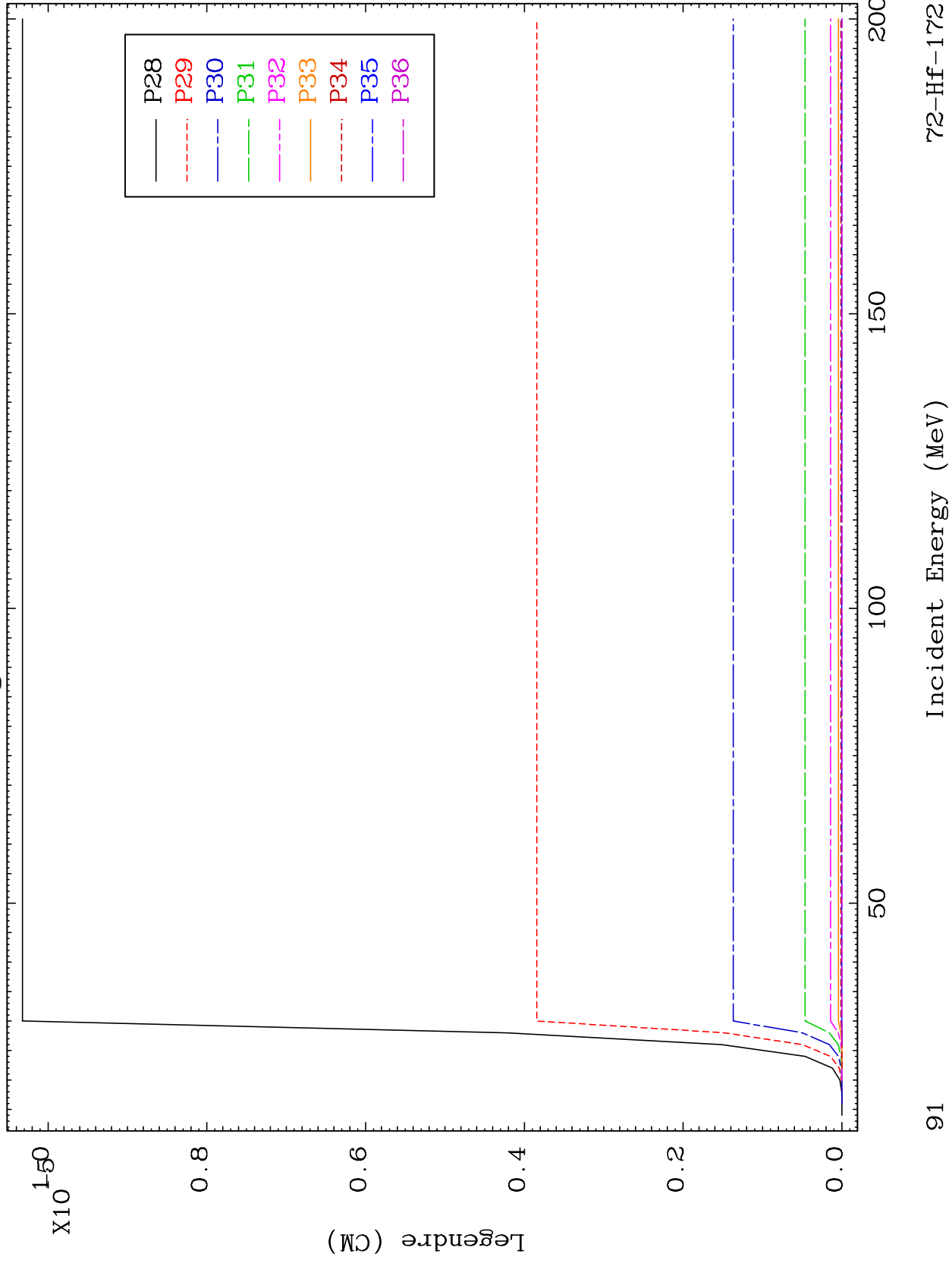
72-Hf-172



MAT 7219

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

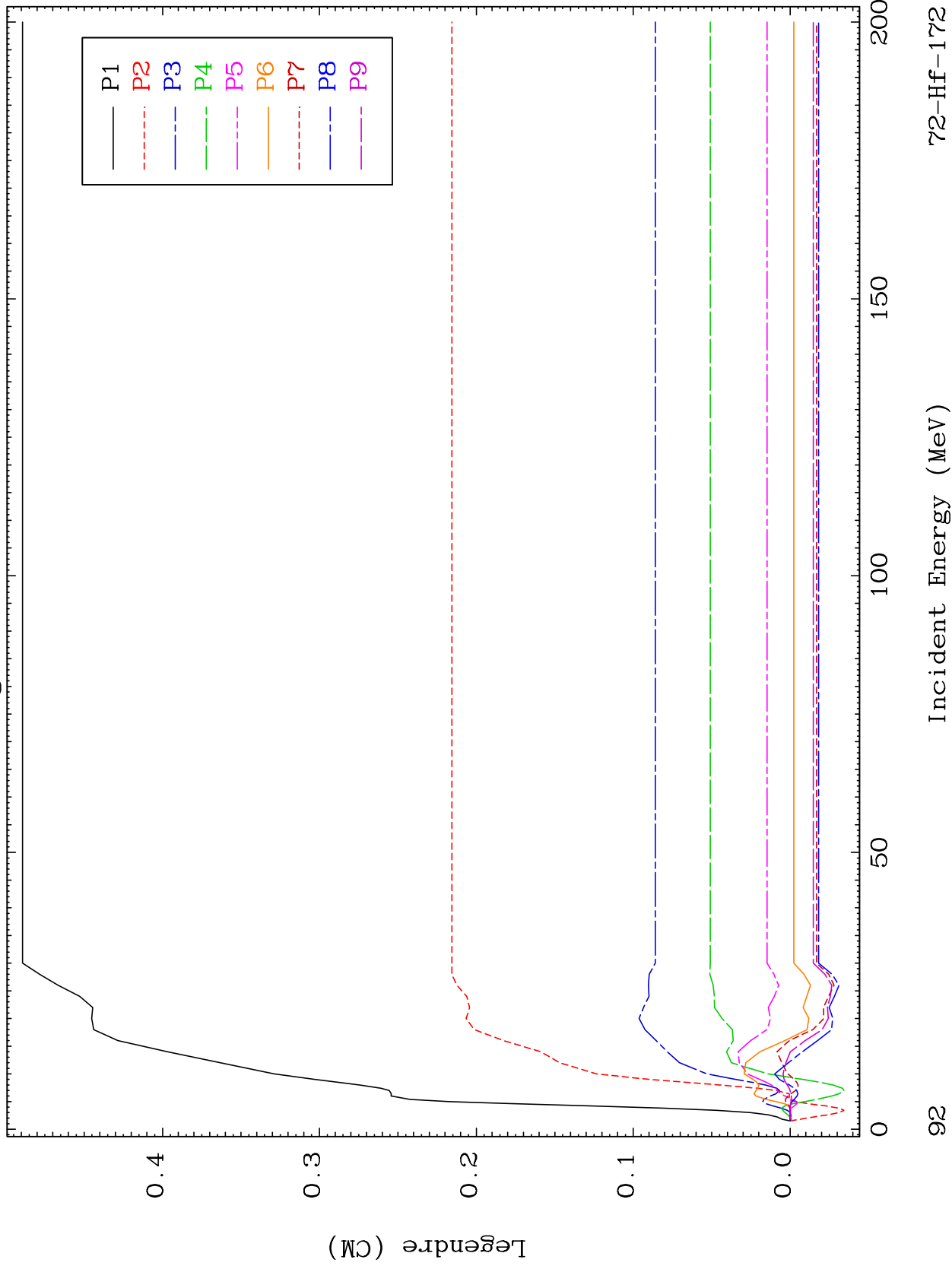
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

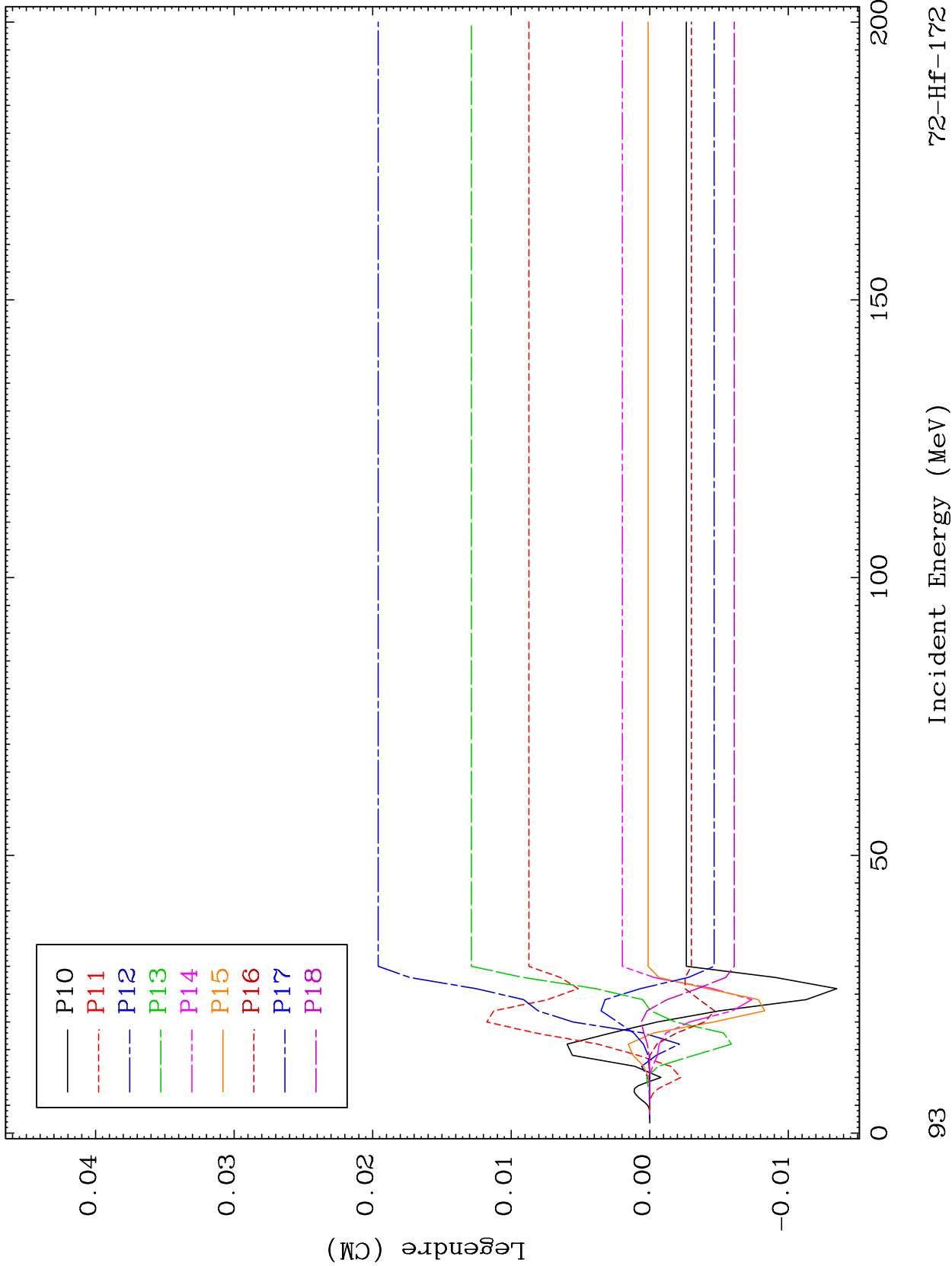
Incident Energy (MeV)

92

MAT 7219

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

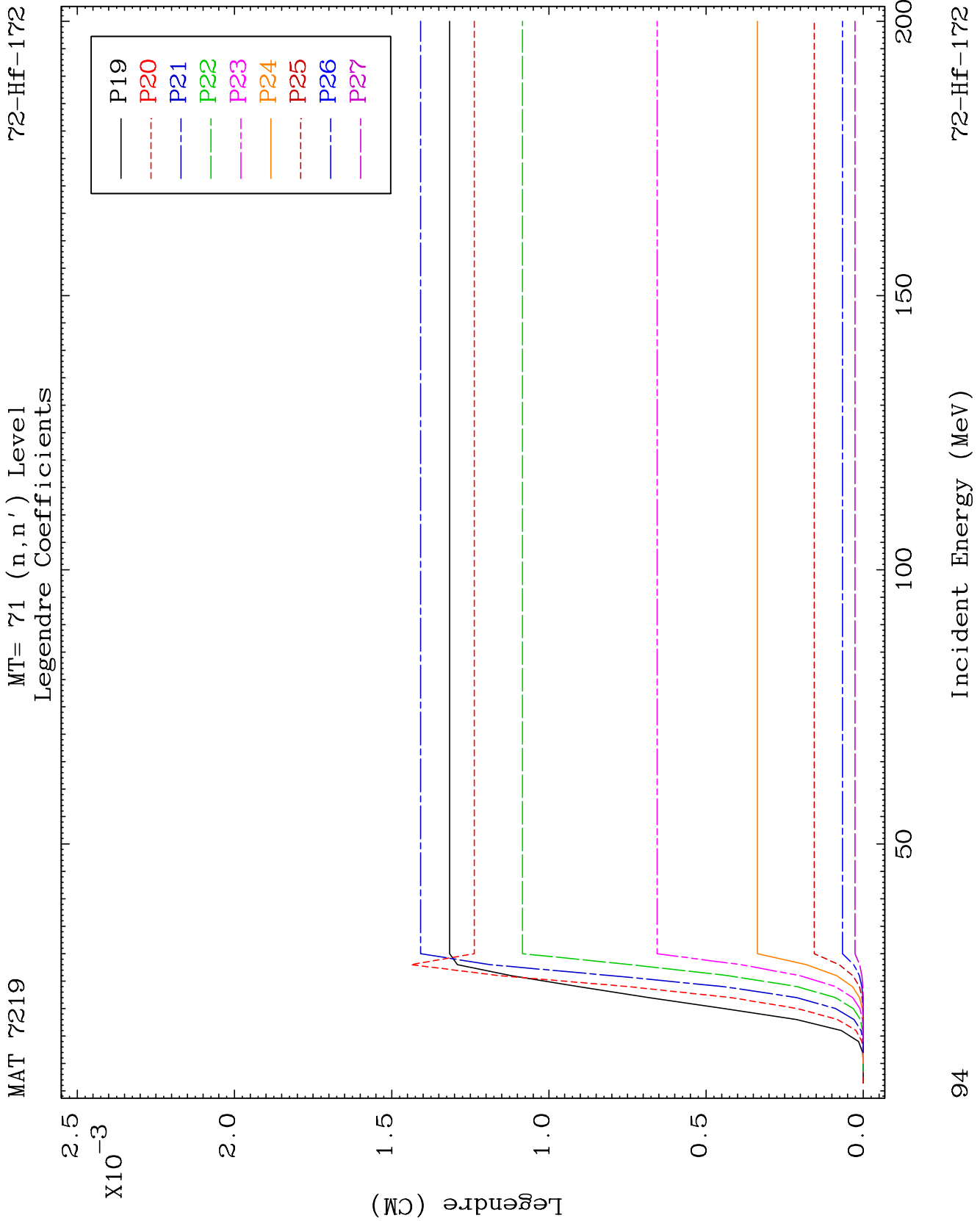
72-Hf-172



93

Incident Energy (MeV)

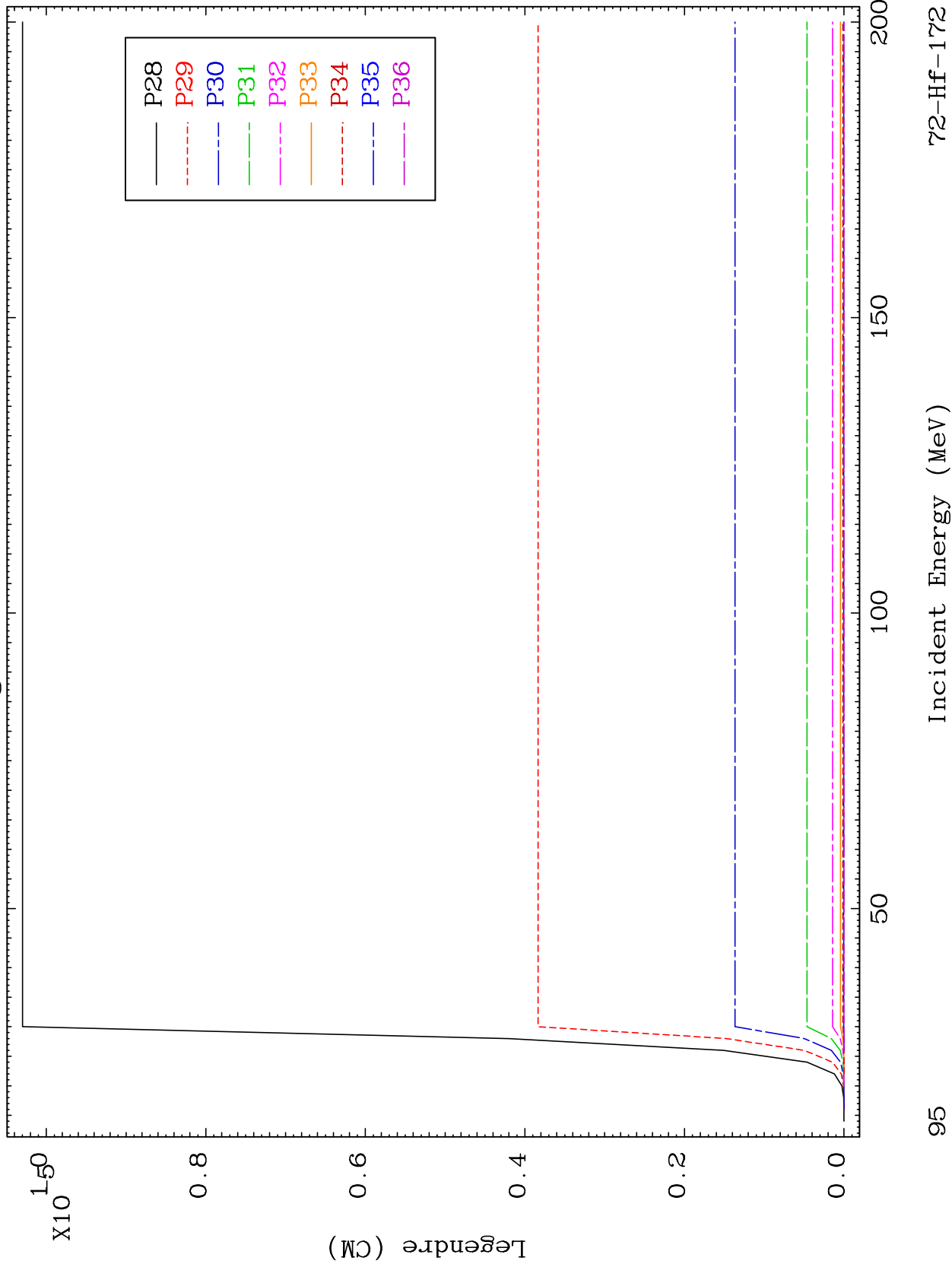
72-Hf-172



MAT 7219

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

72-Hf-172



95

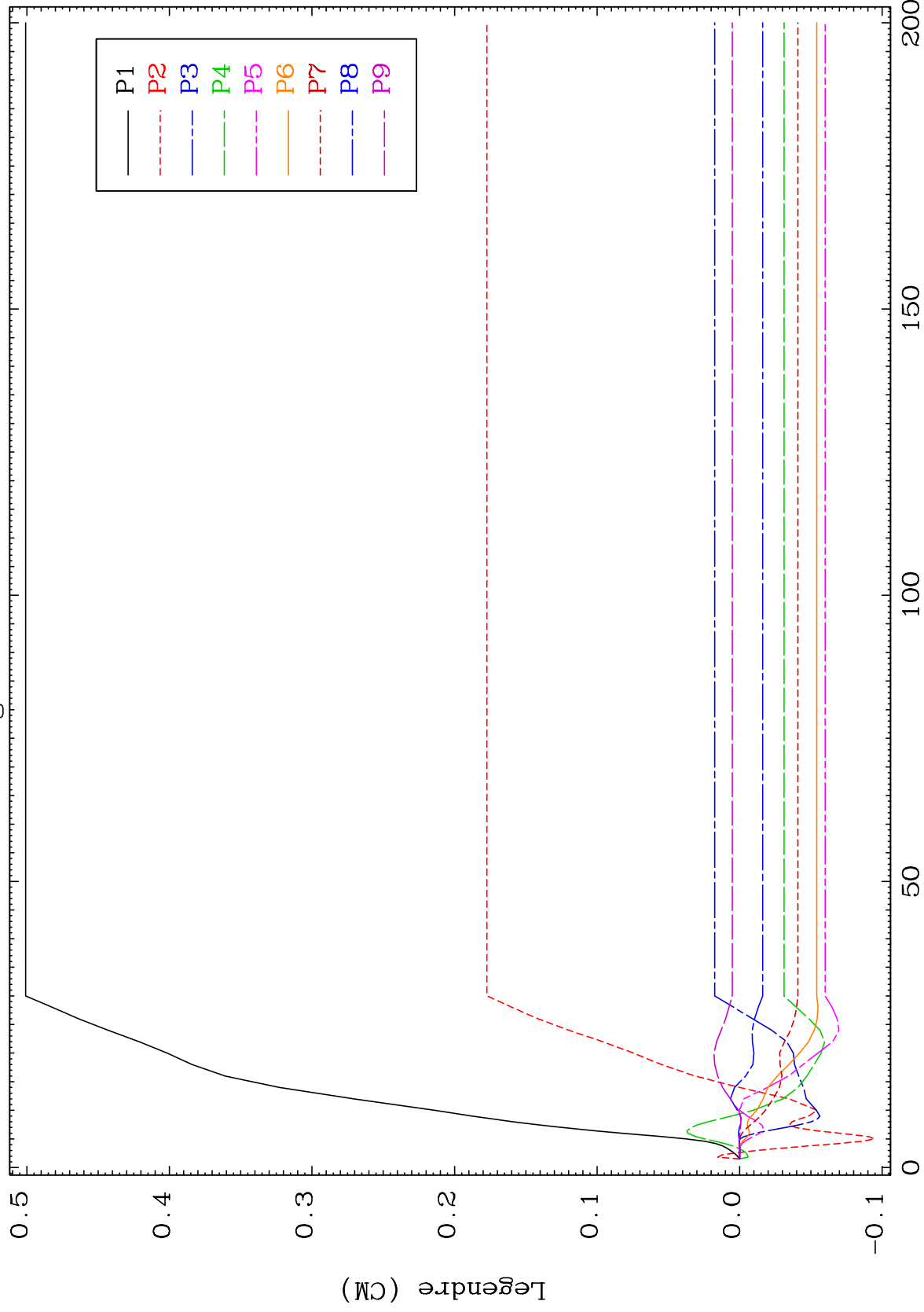
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



96

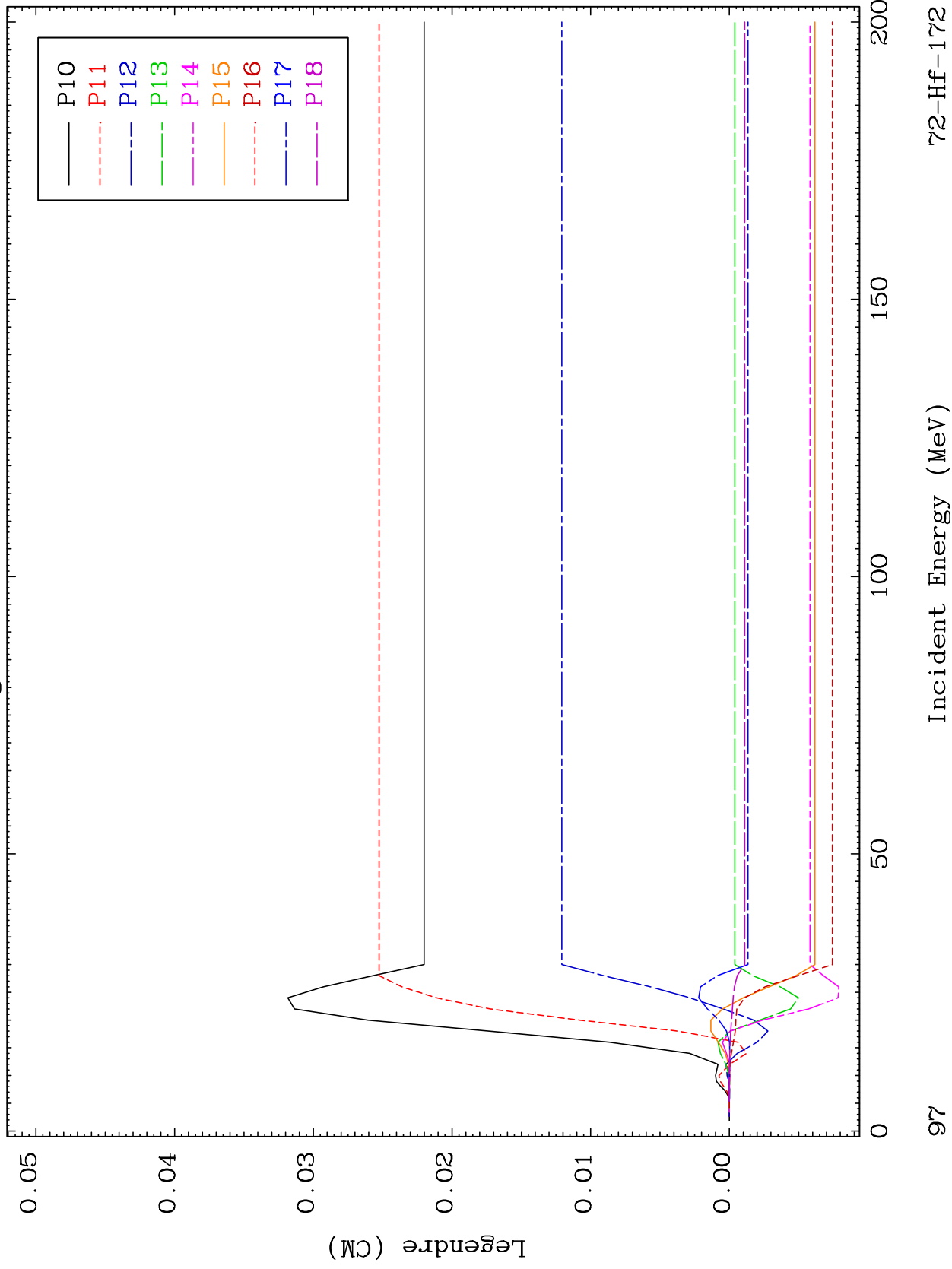
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



97

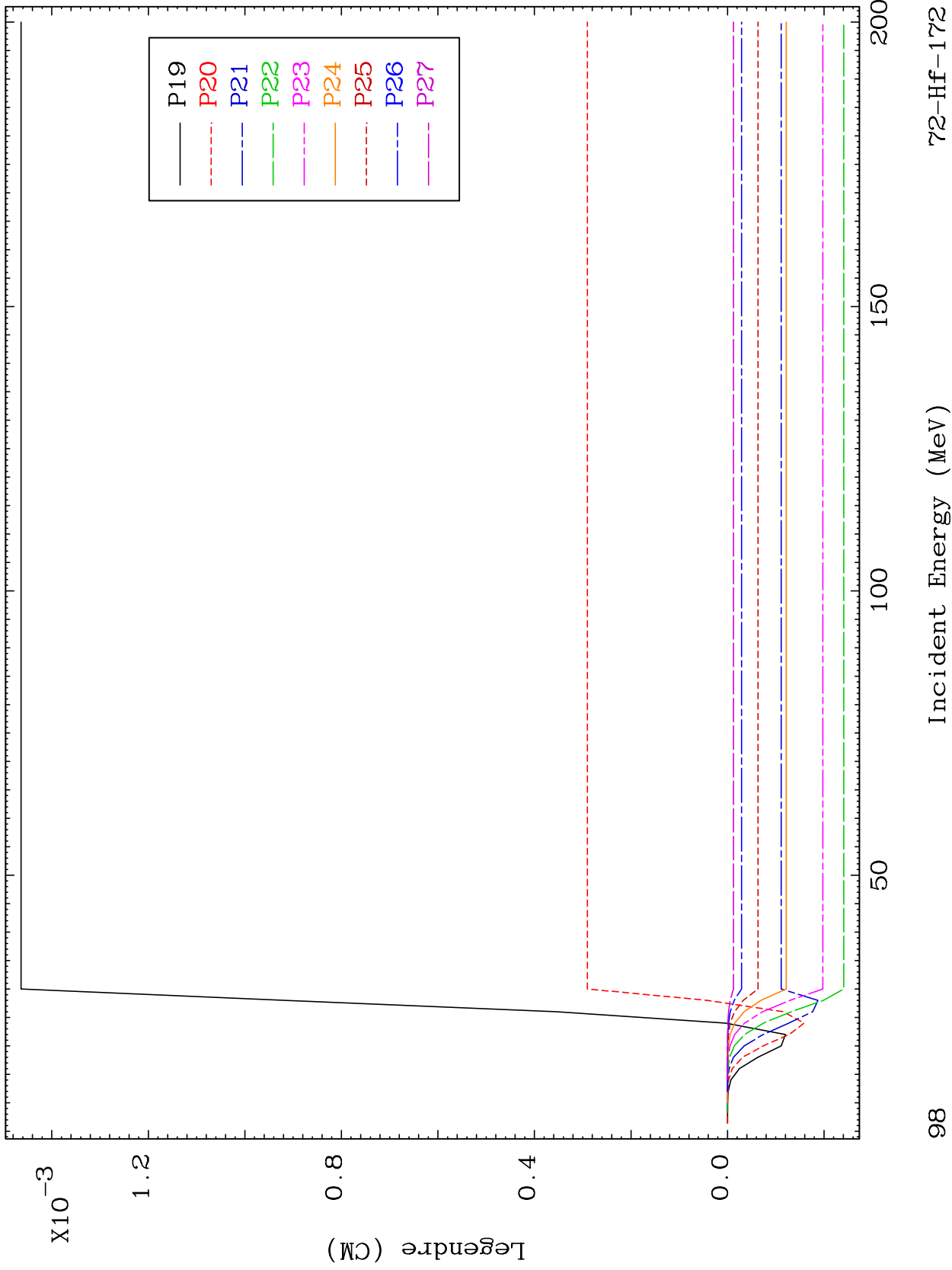
Incident Energy (MeV)

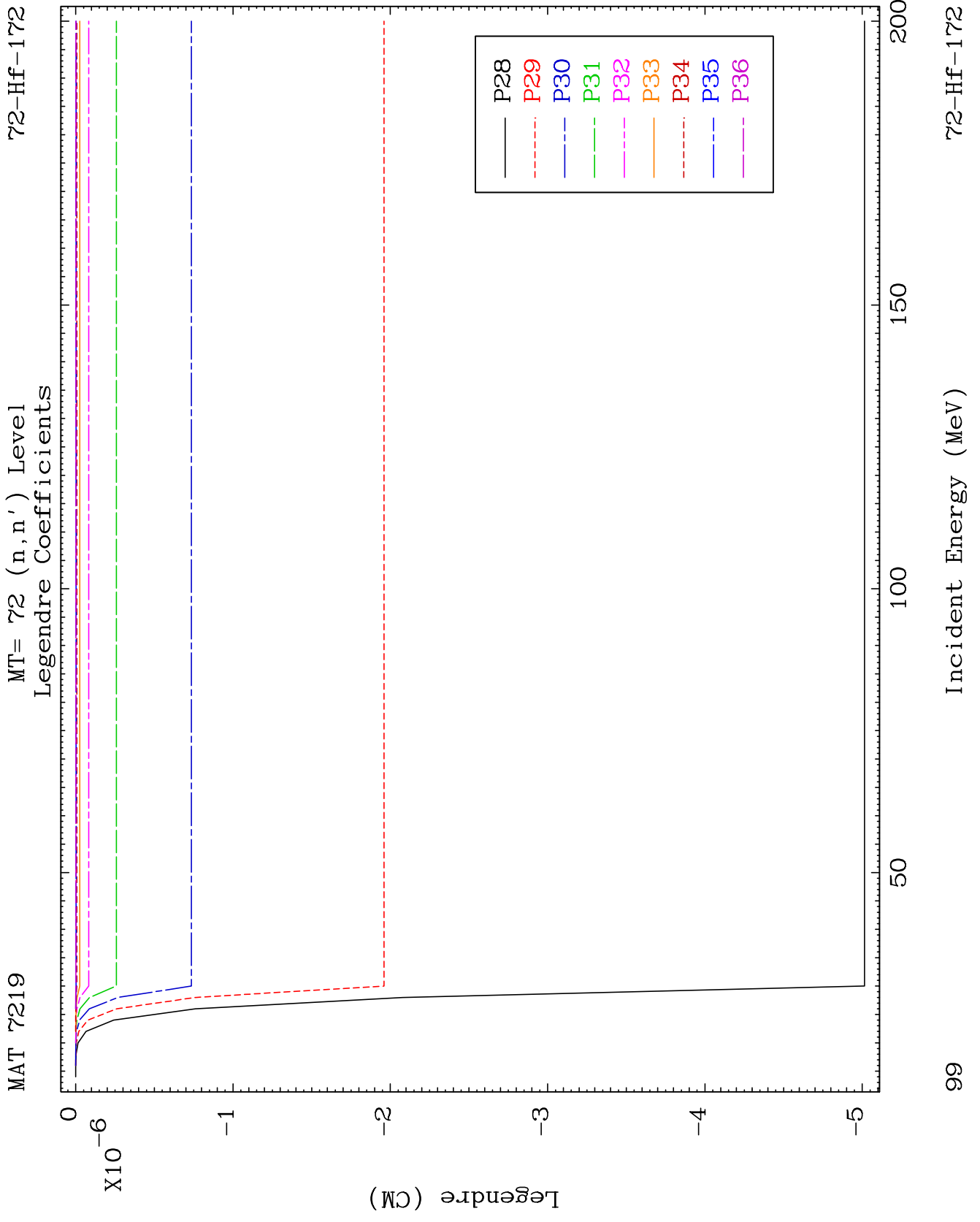
72-Hf-172

MAT 7219

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

72-Hf-172

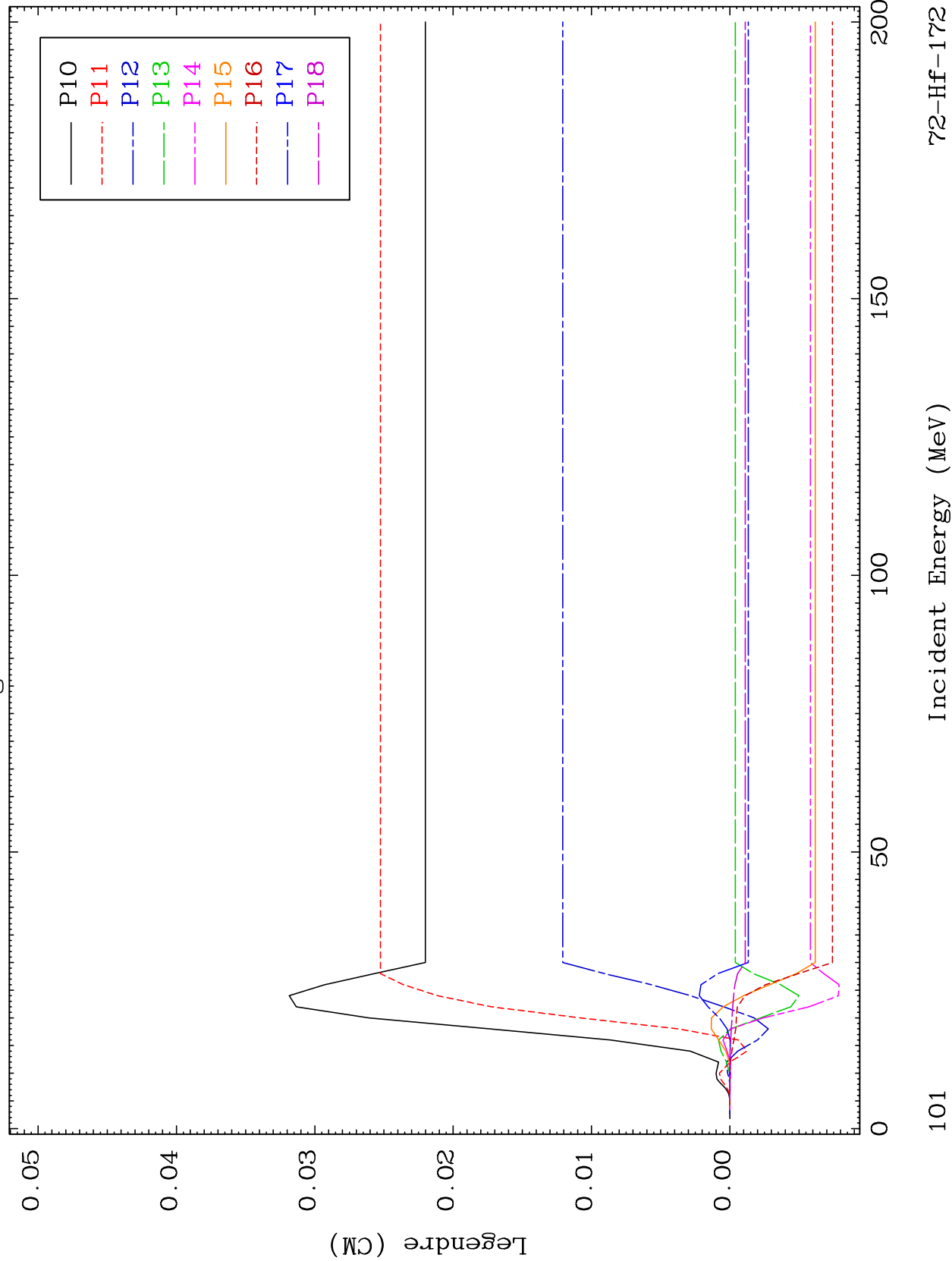




MAT 7219

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

72-Hf-172



101

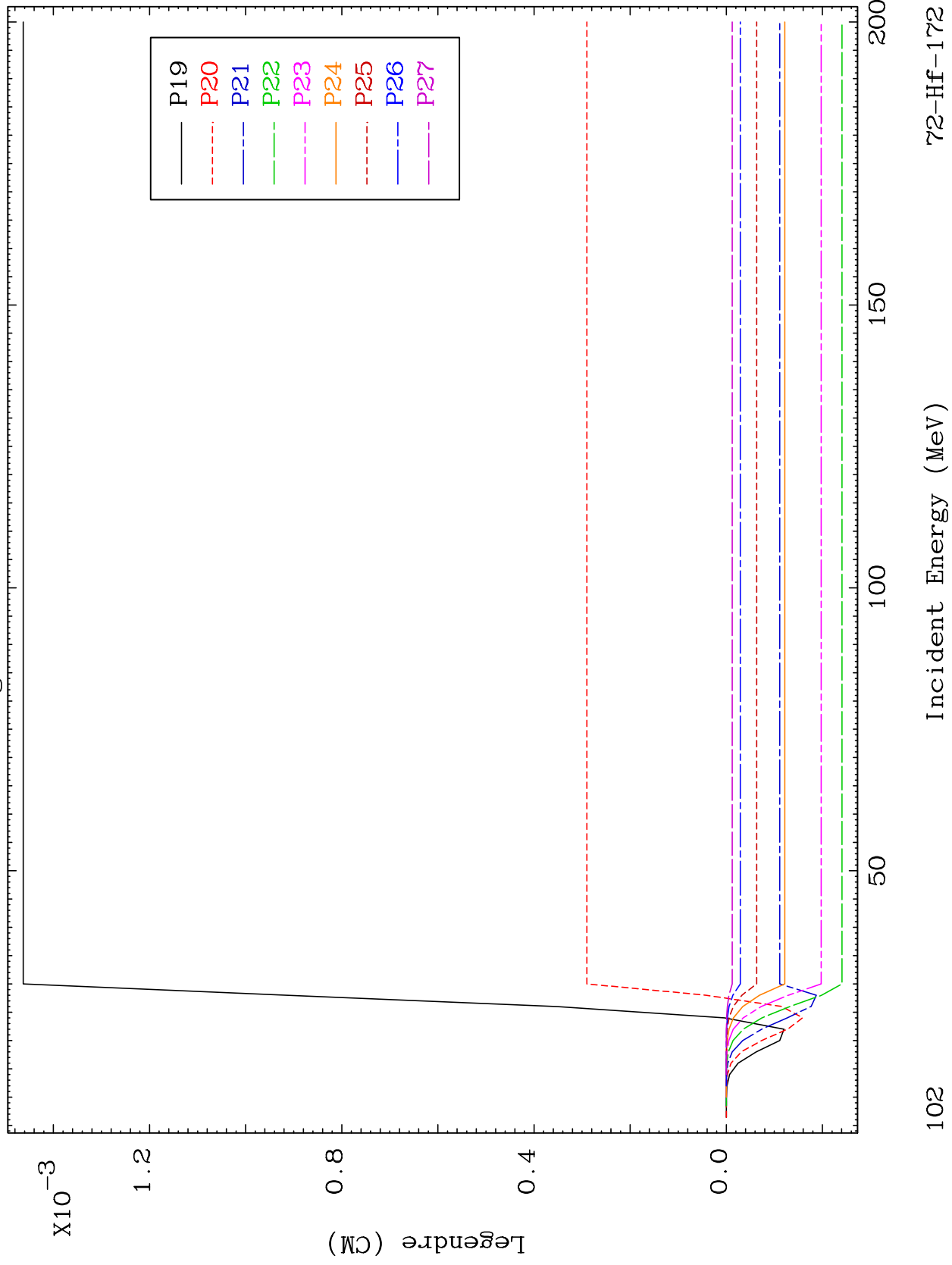
Incident Energy (MeV)

72-Hf-172

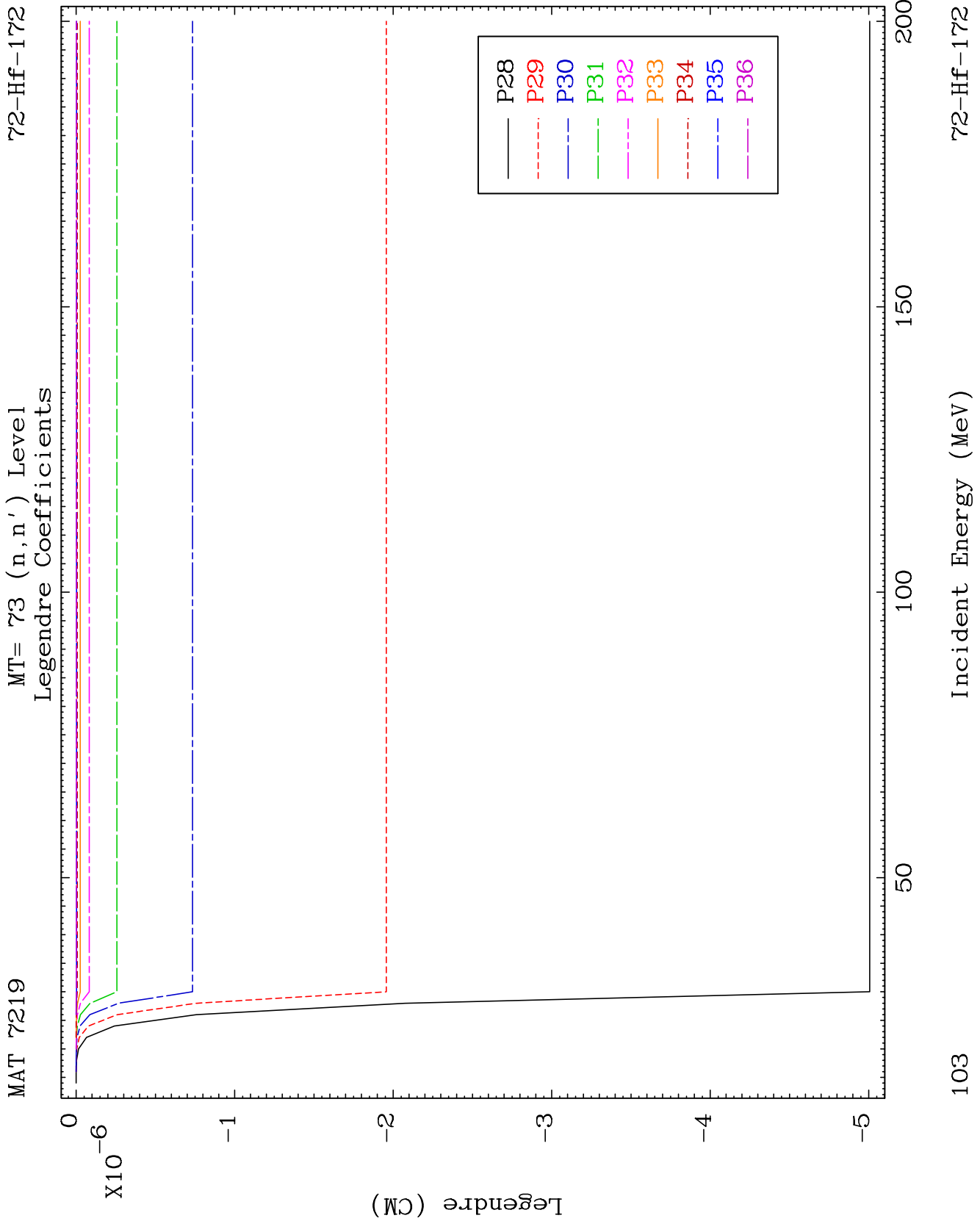
MAT 7219

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

72-Hf-172



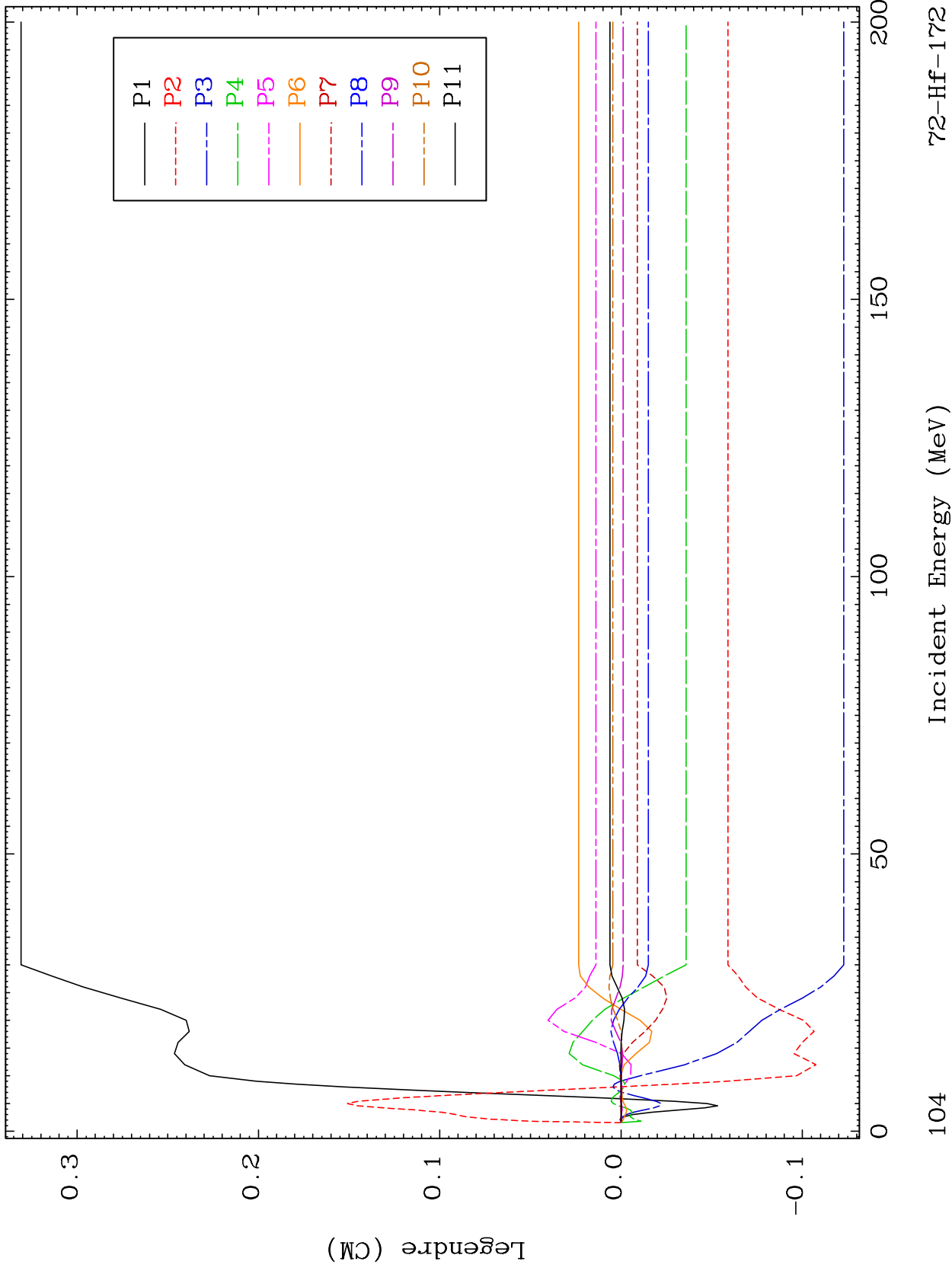
102



MAT 7219

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

72-Hf-172



72-Hf-172

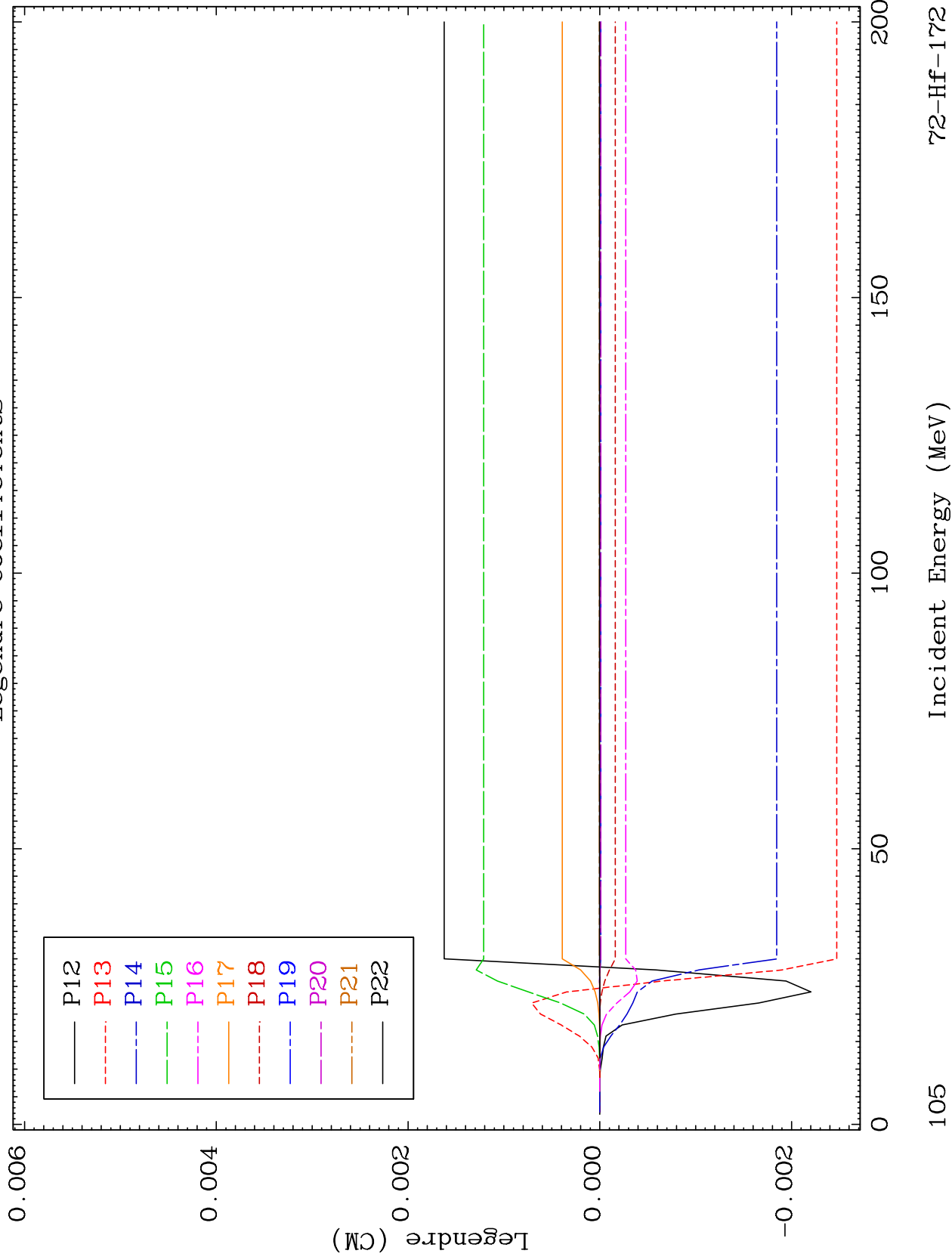
Incident Energy (MeV)

104

MAT 7219

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

72-Hf-172



72-Hf-172

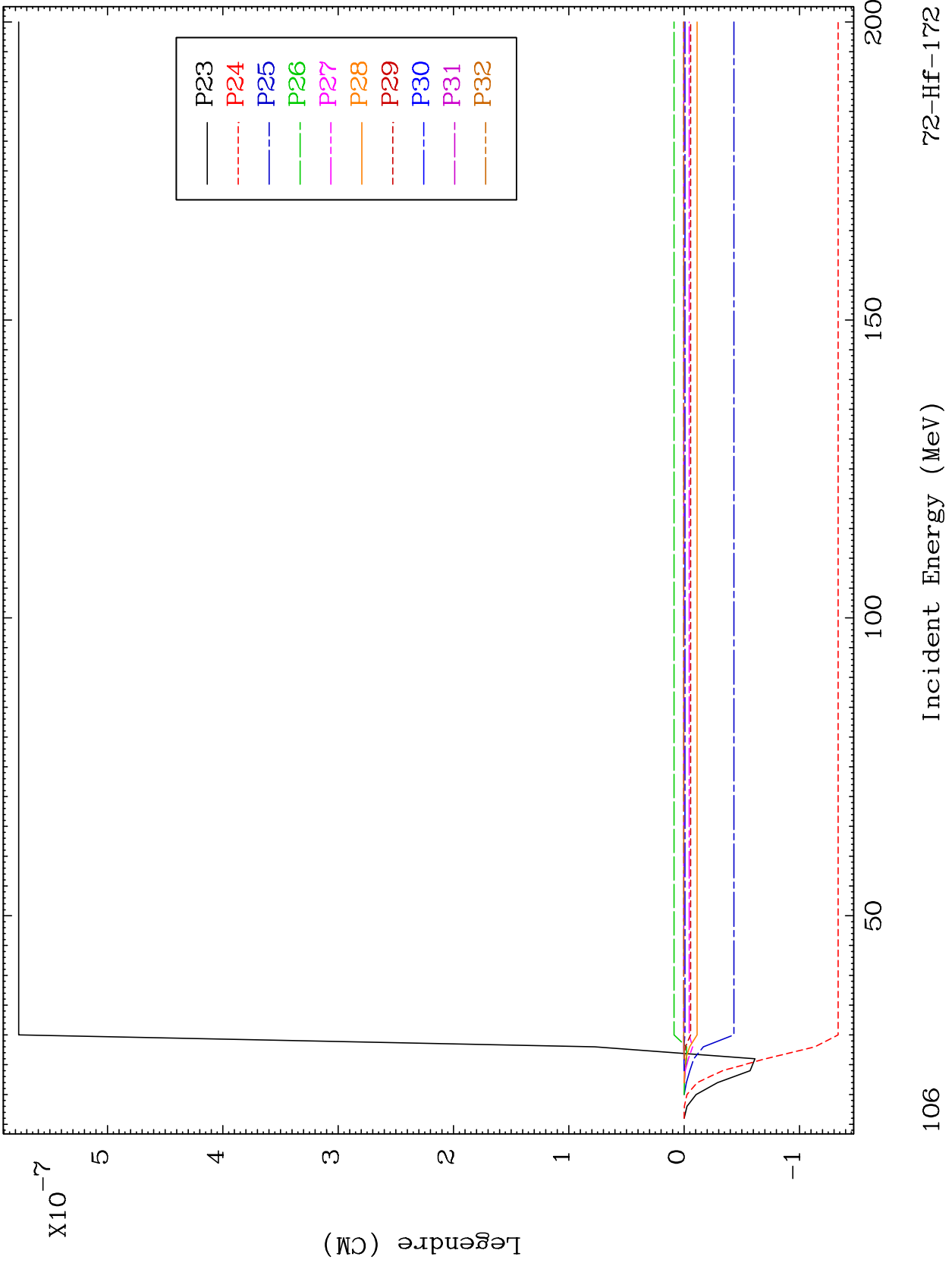
Incident Energy (MeV)

105

MAT 7219

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

72-Hf-172



106

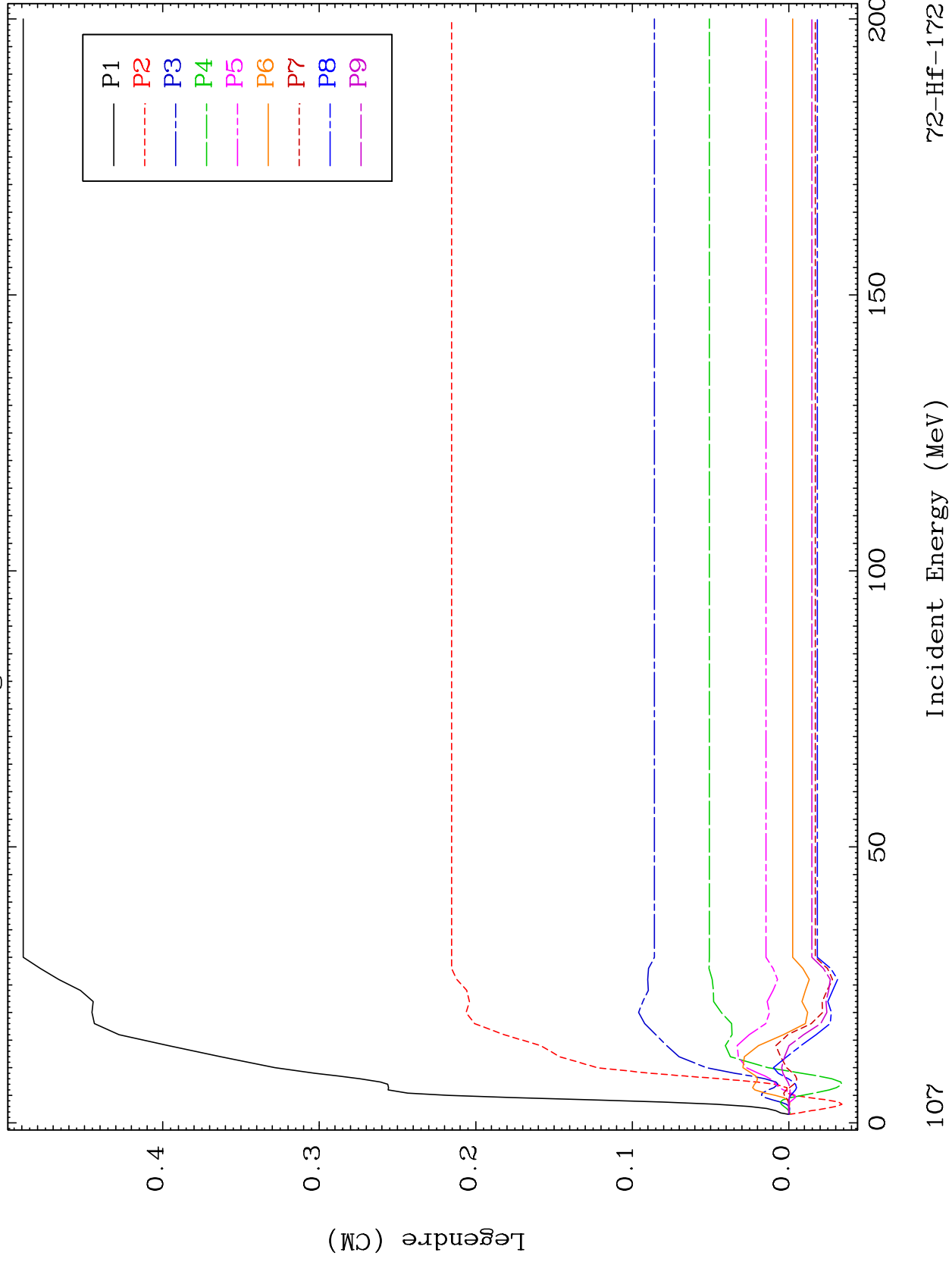
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



72-Hf-172

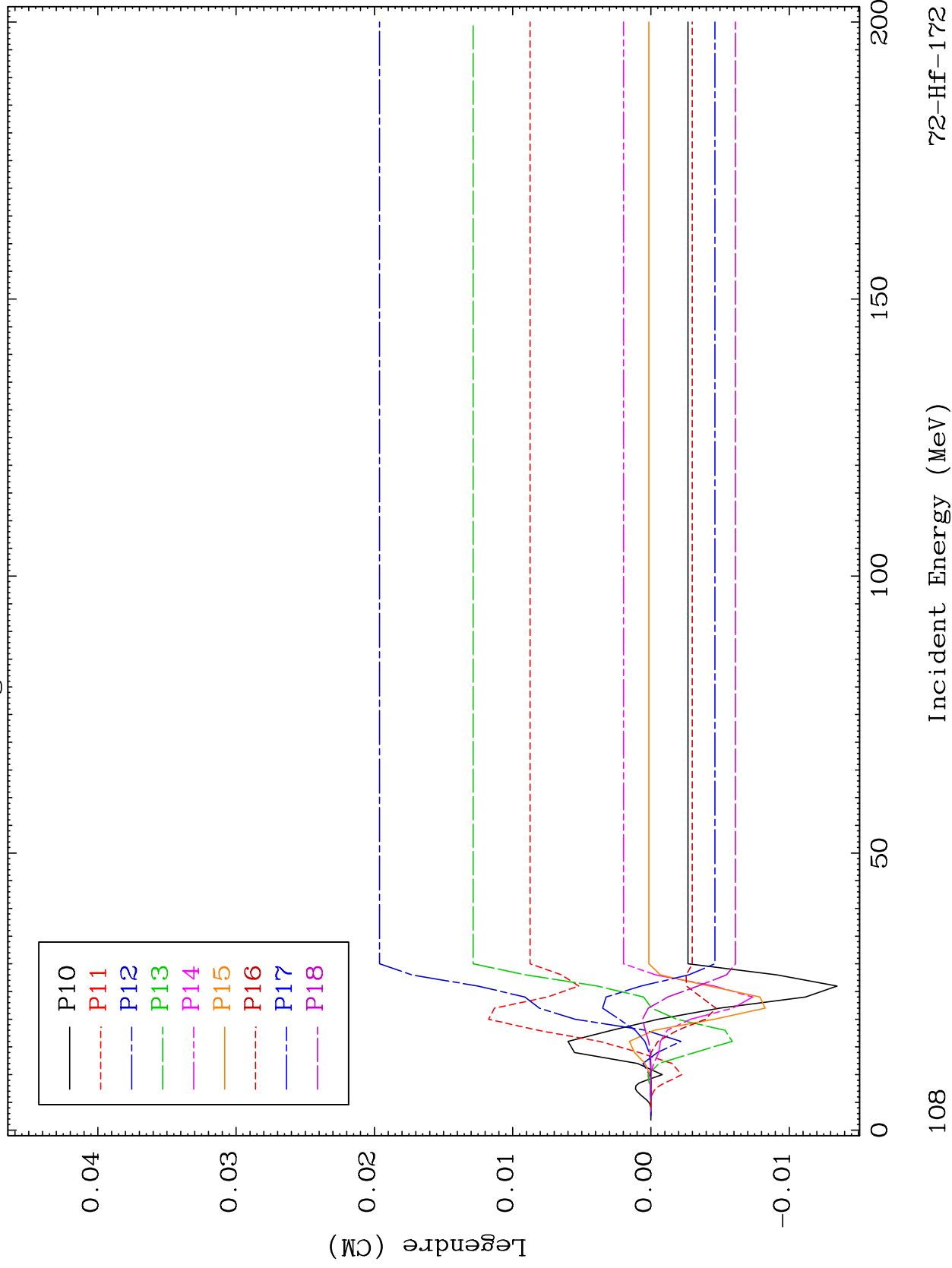
Incident Energy (MeV)

107

MAT 7219

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

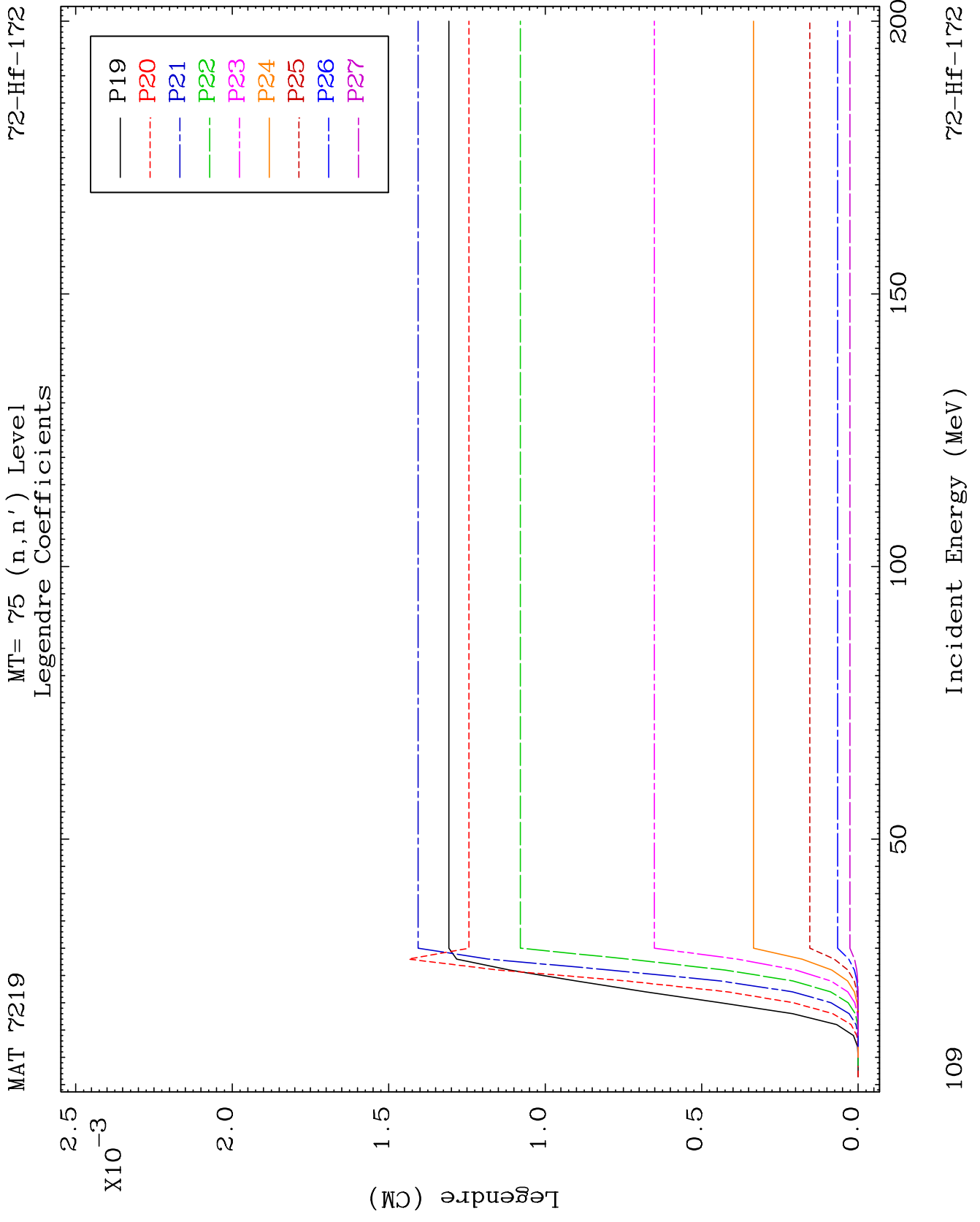
72-Hf-172



108

Incident Energy (MeV)

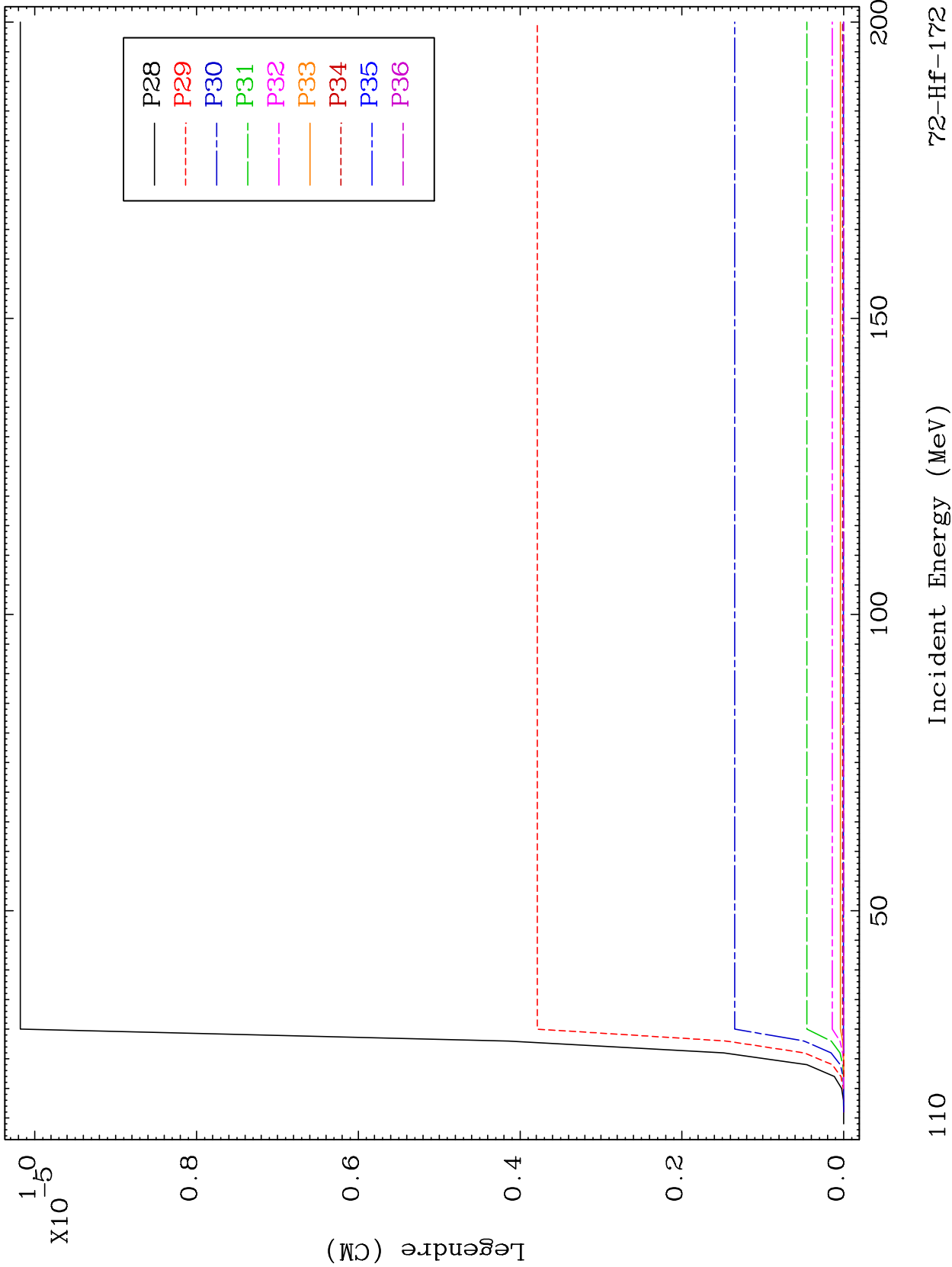
72-Hf-172



MAT 7219

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

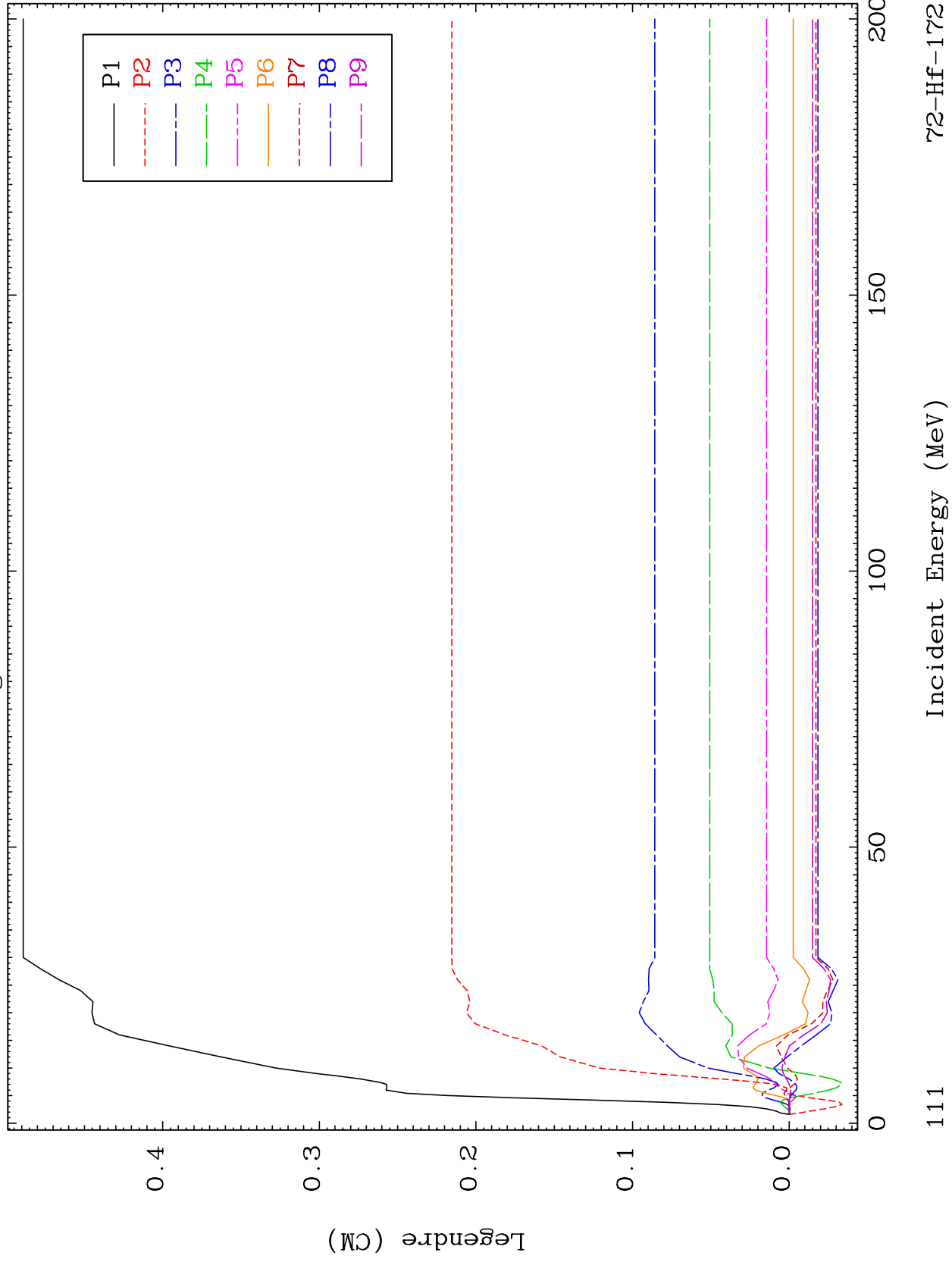
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

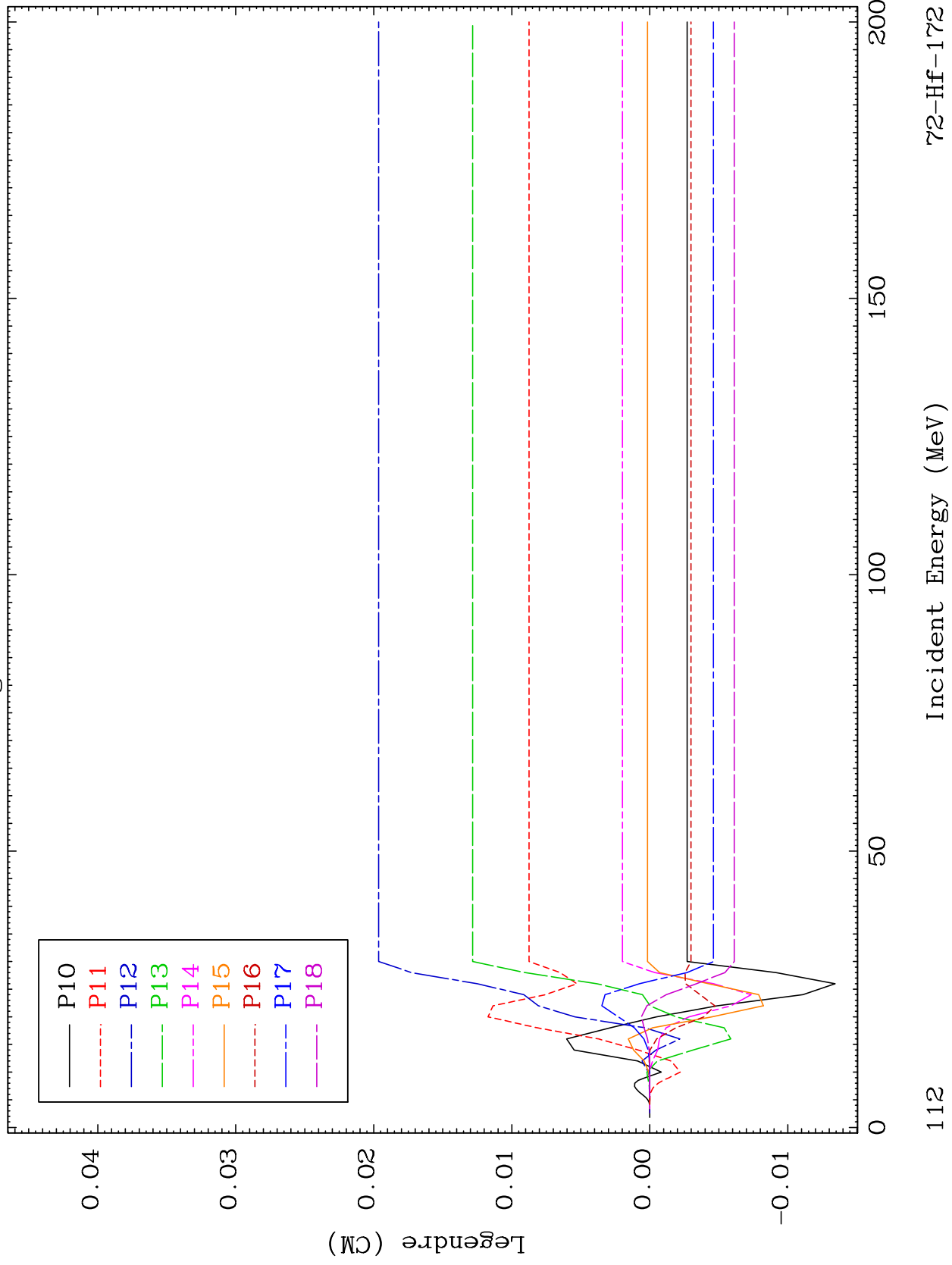
Incident Energy (MeV)

111

MAT 7219

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

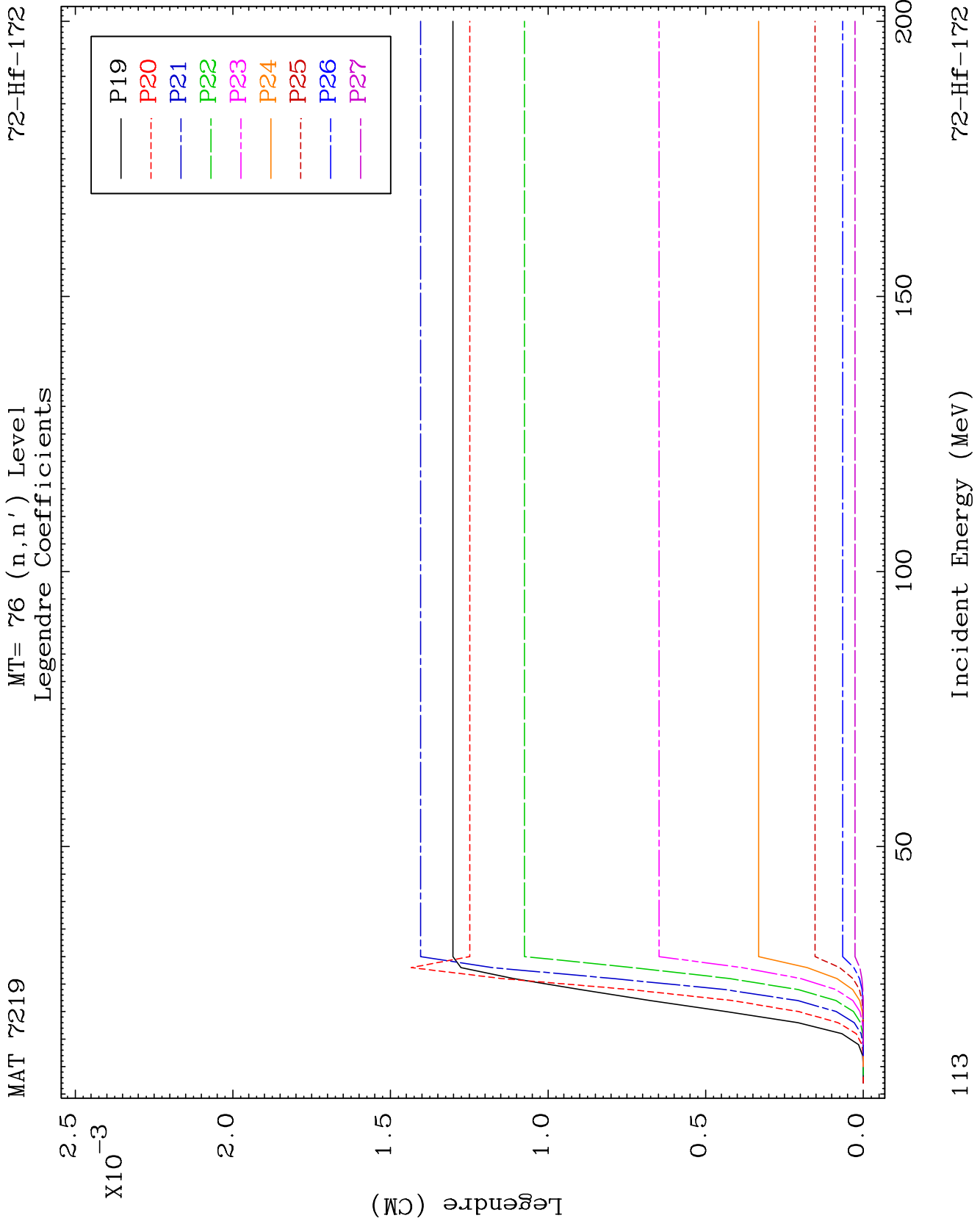
72-Hf-172



112

Incident Energy (MeV)

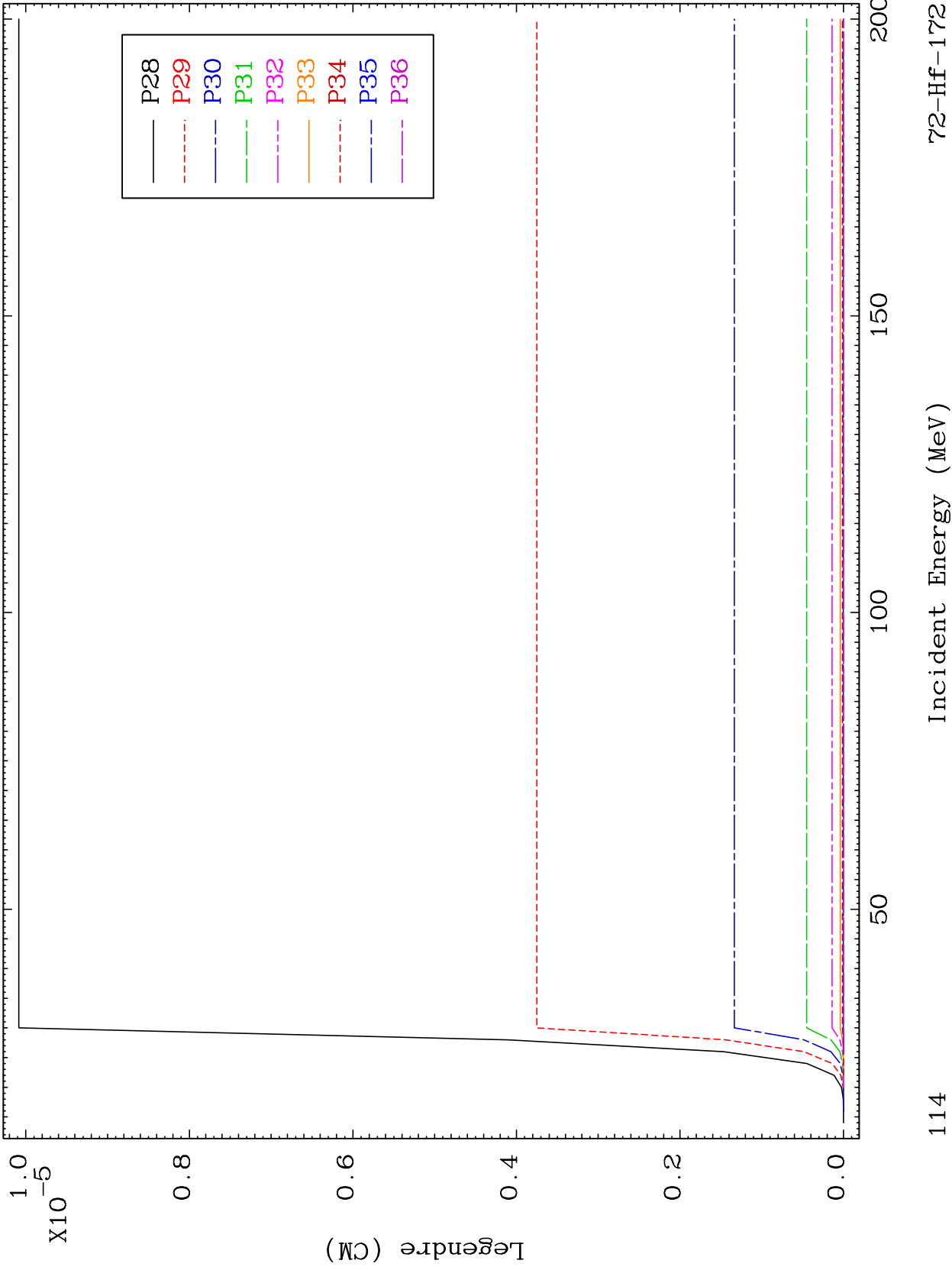
72-Hf-172



MAT 7219

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

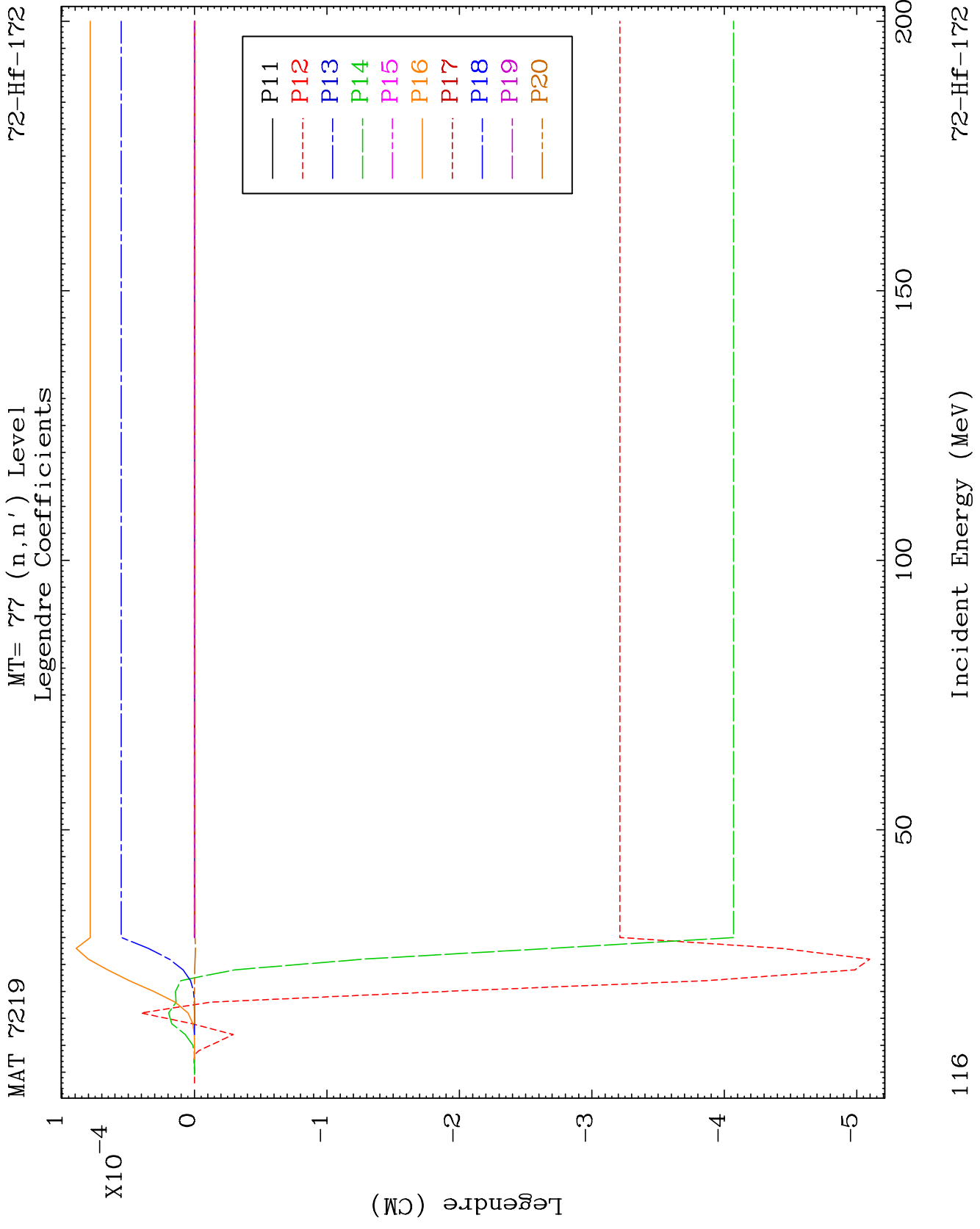
72-Hf-172

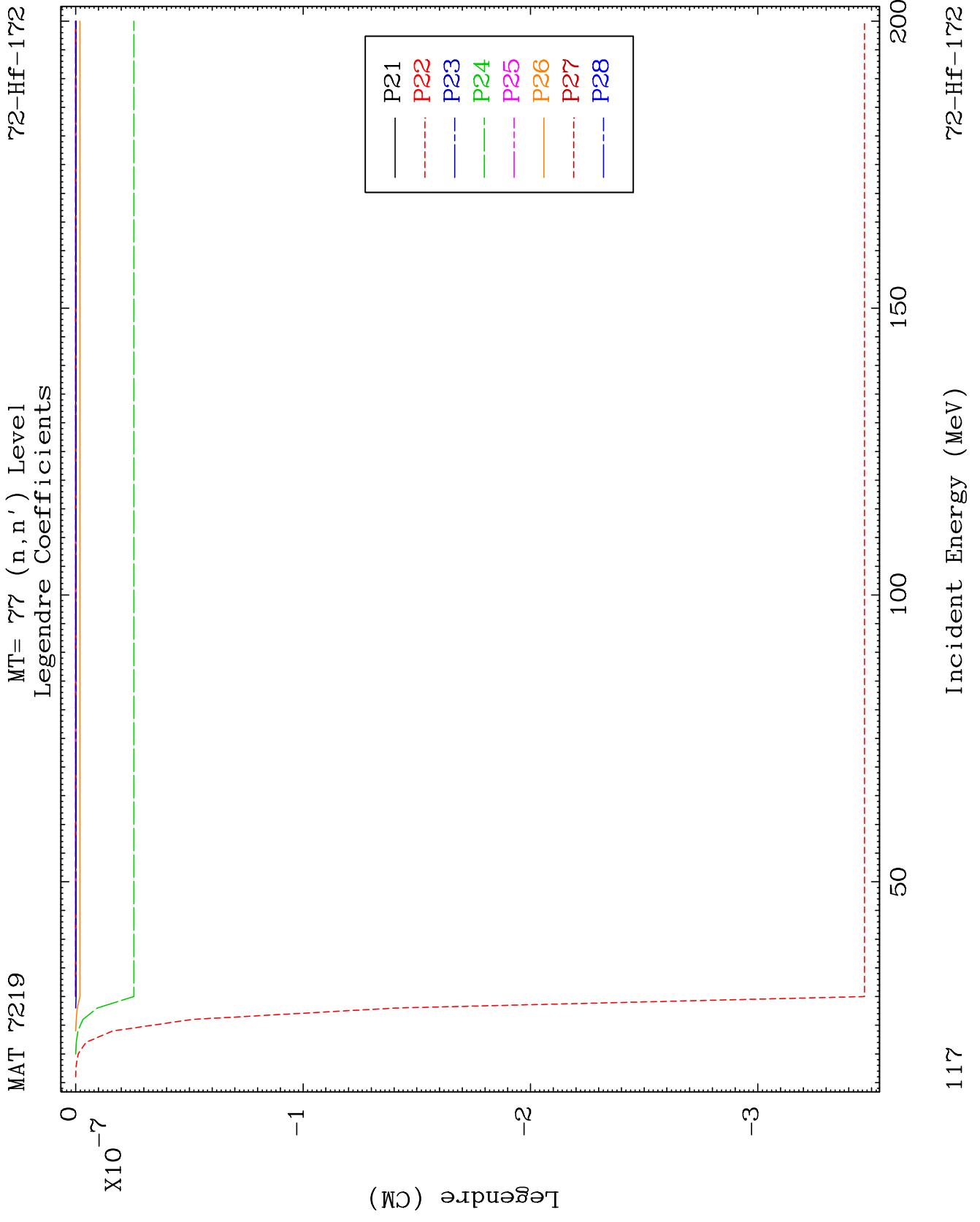


114

Incident Energy (MeV)

72-Hf-172

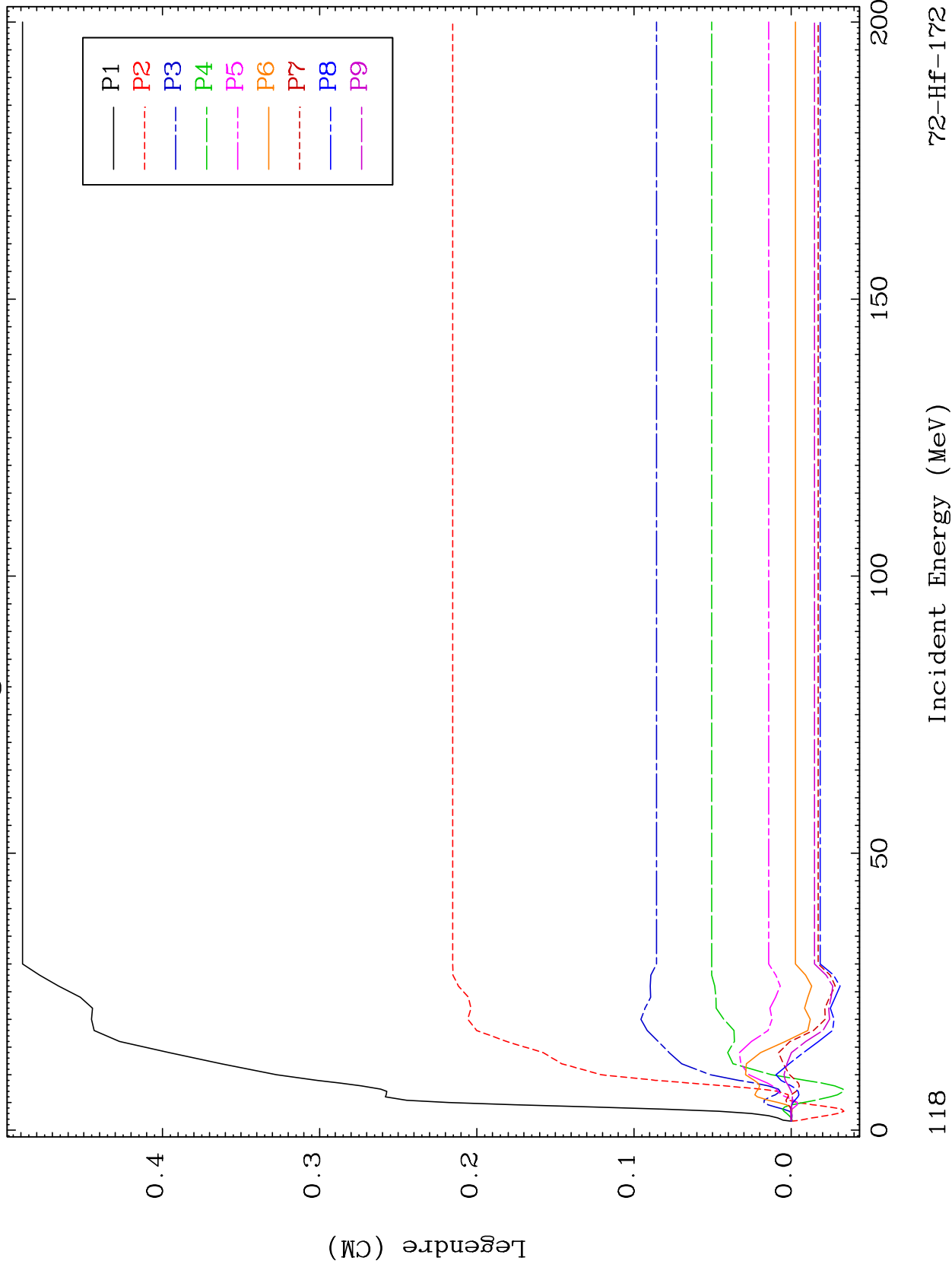




MAT 7219

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

72-Hf-172



72-Hf-172

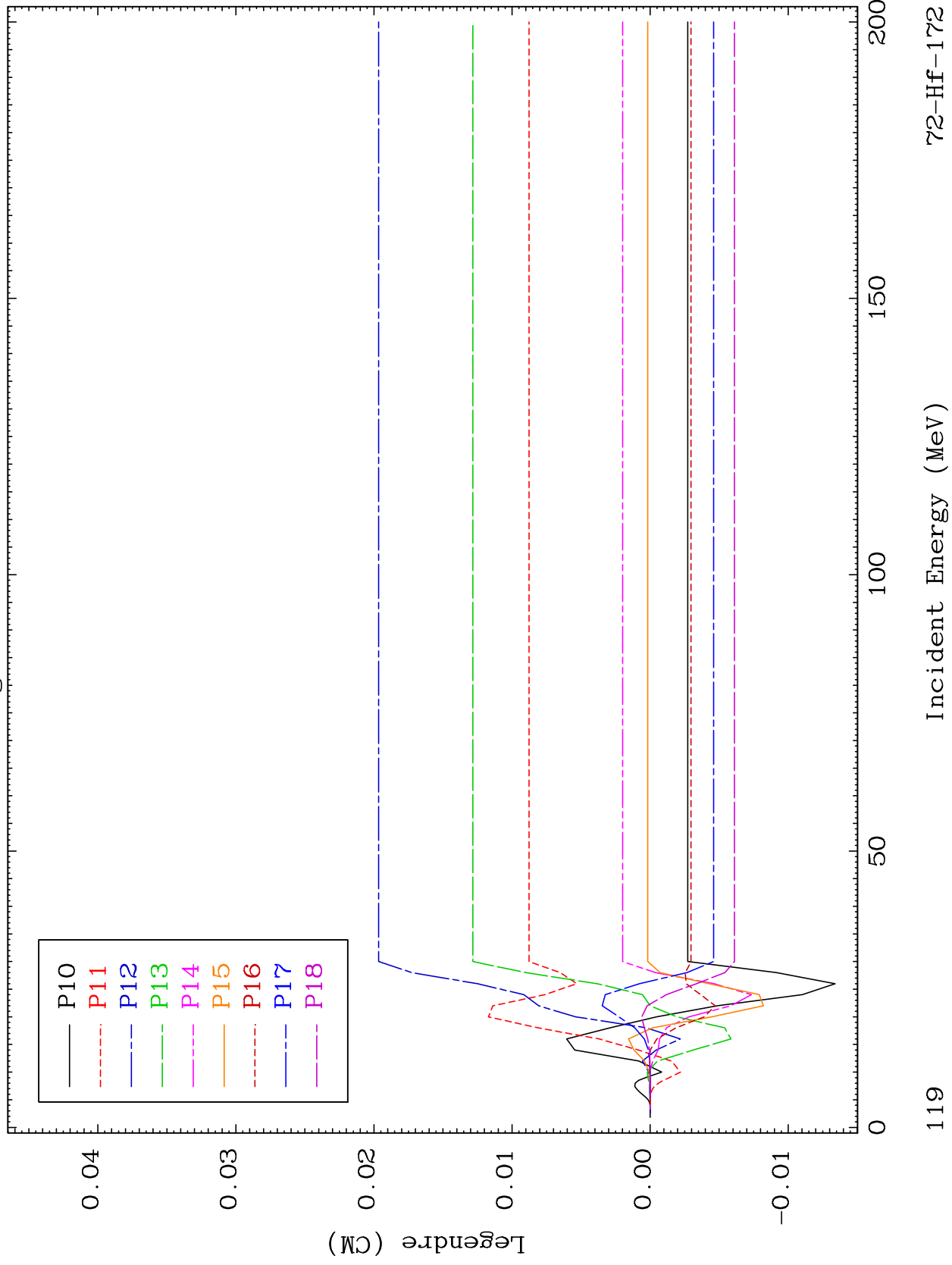
Incident Energy (MeV)

118

MAT 7219

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

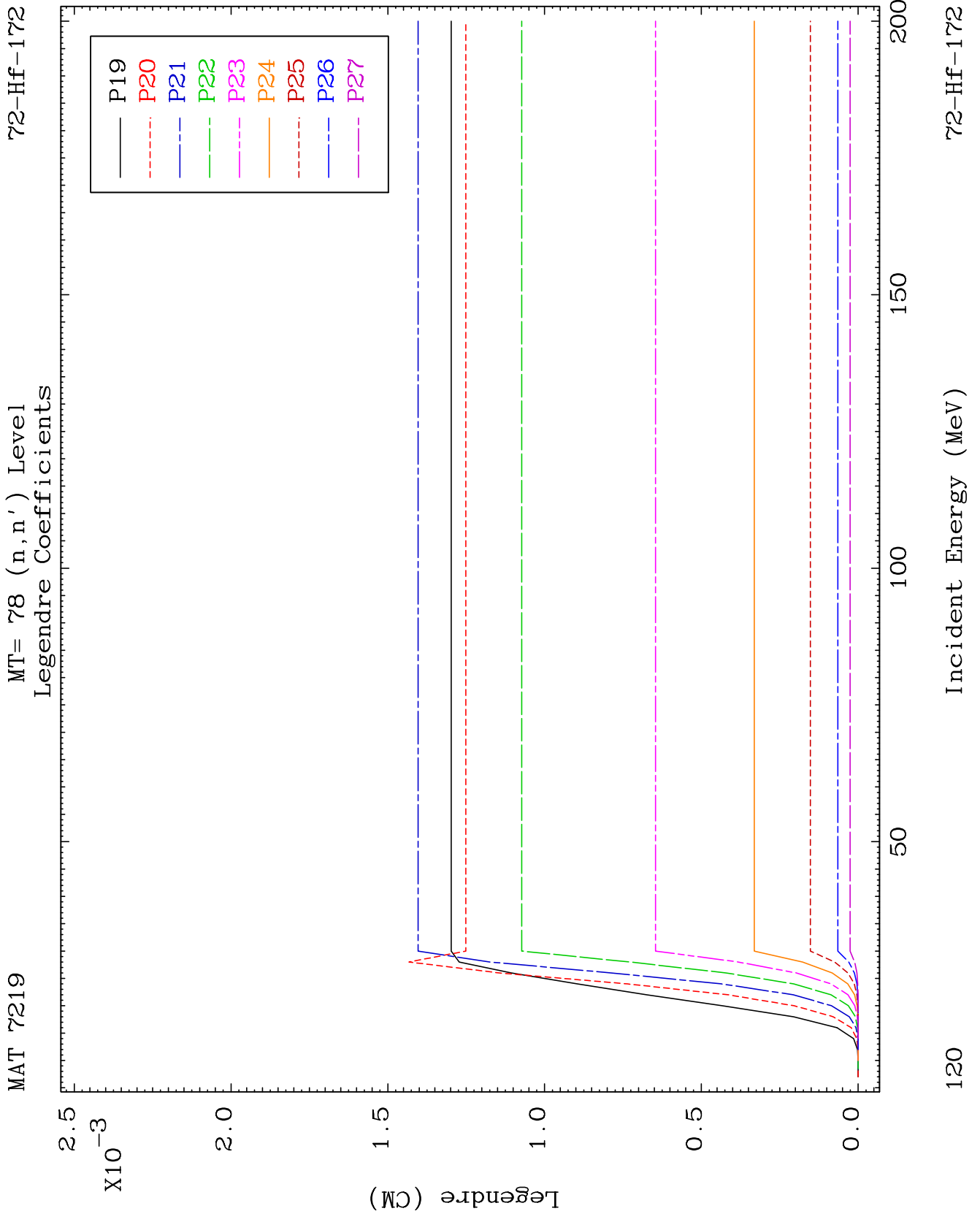
72-Hf-172



119

Incident Energy (MeV)

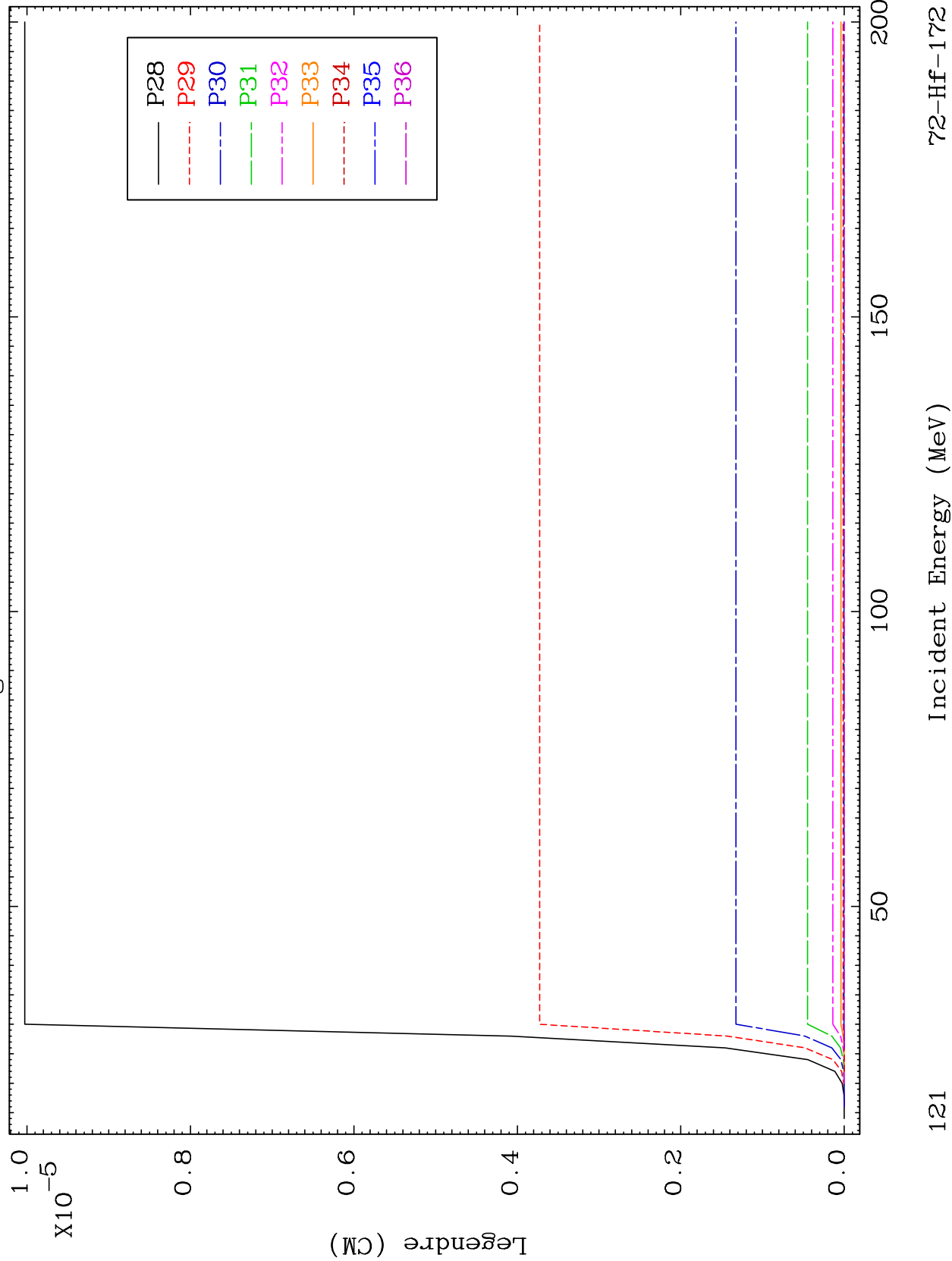
72-Hf-172



MAT 7219

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

72-Hf-172

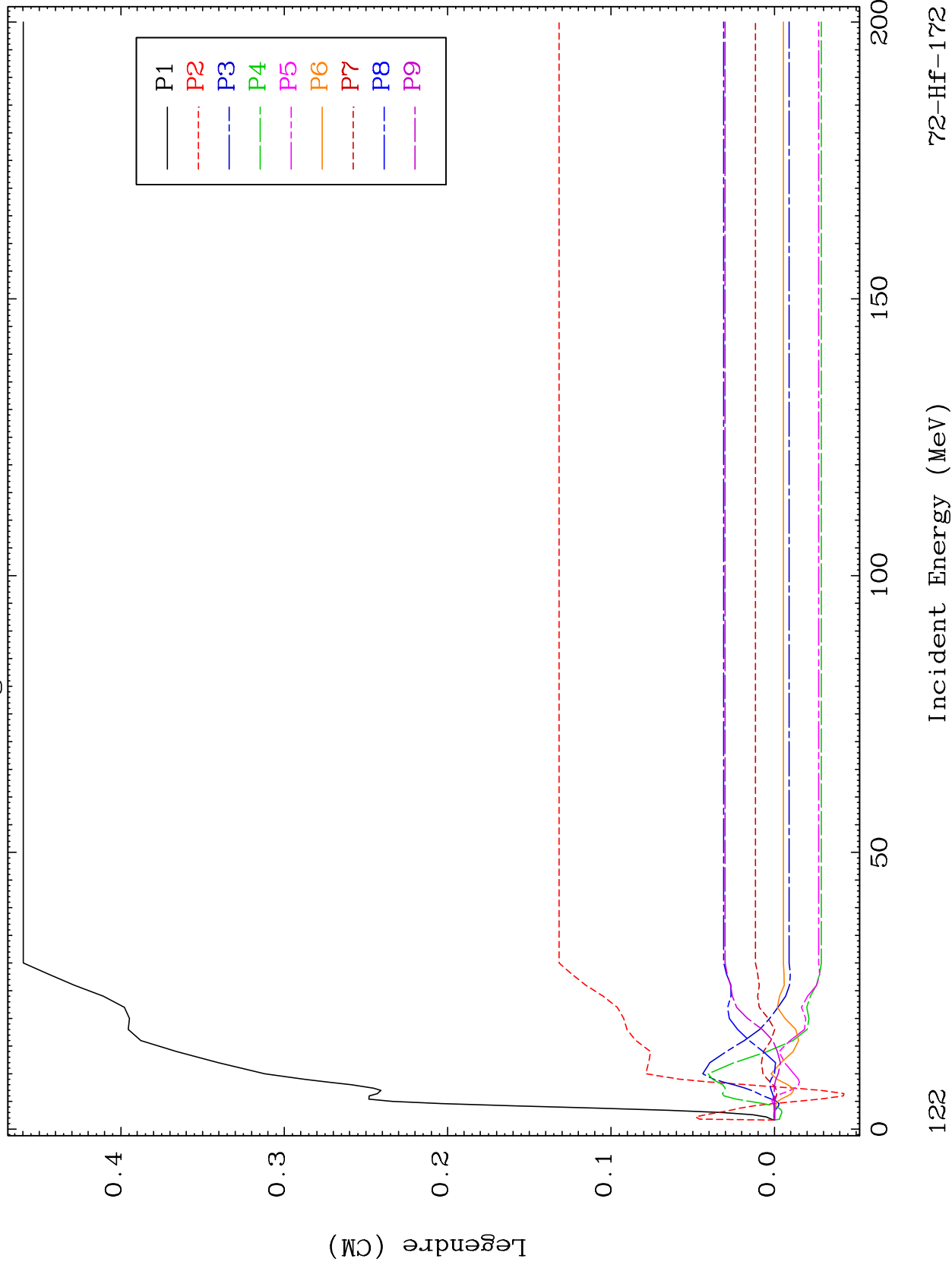


121

MAT 7219

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

72-Hf-172

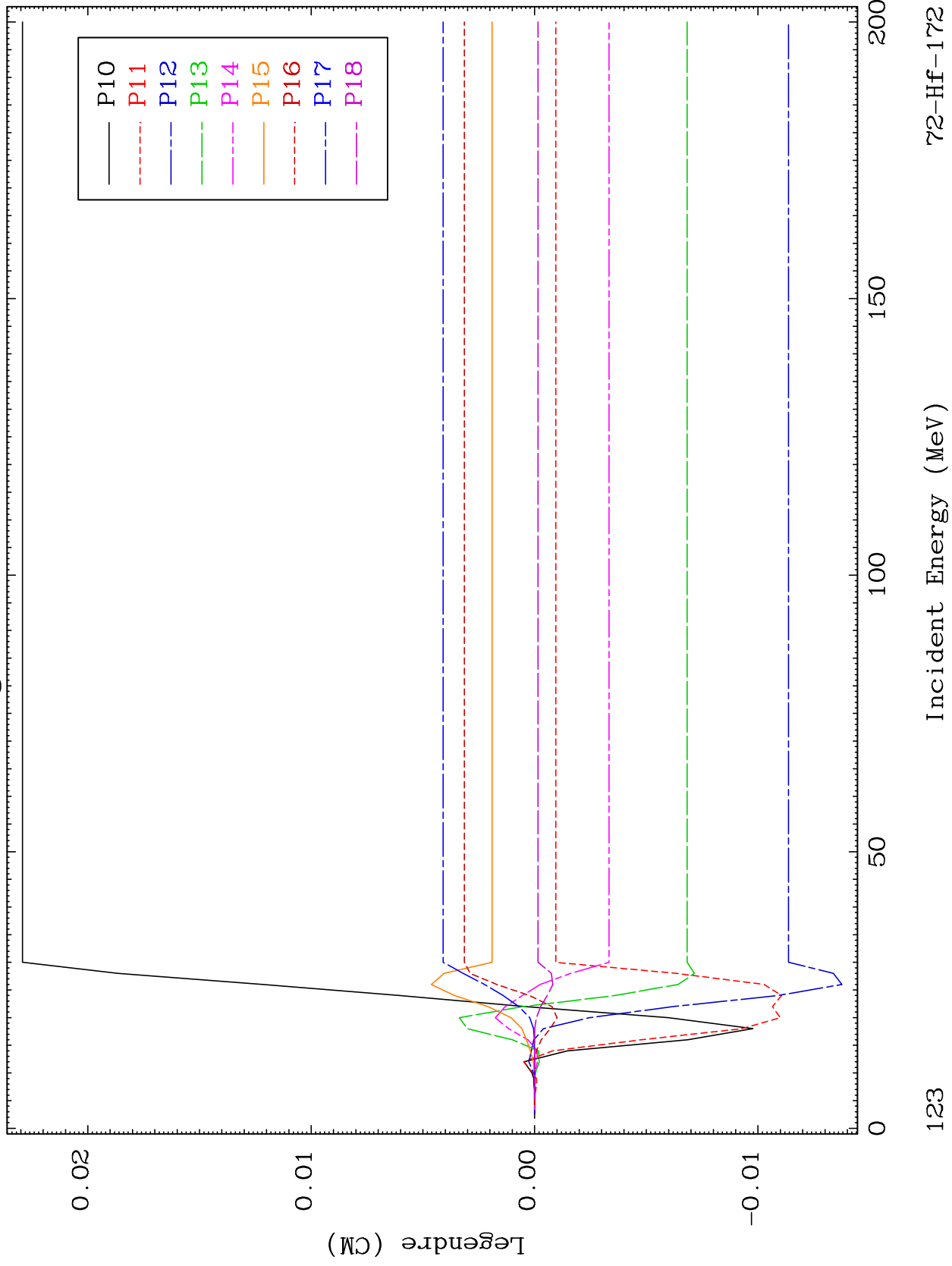


122

MAT 7219

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

72-Hf-172



72-Hf-172

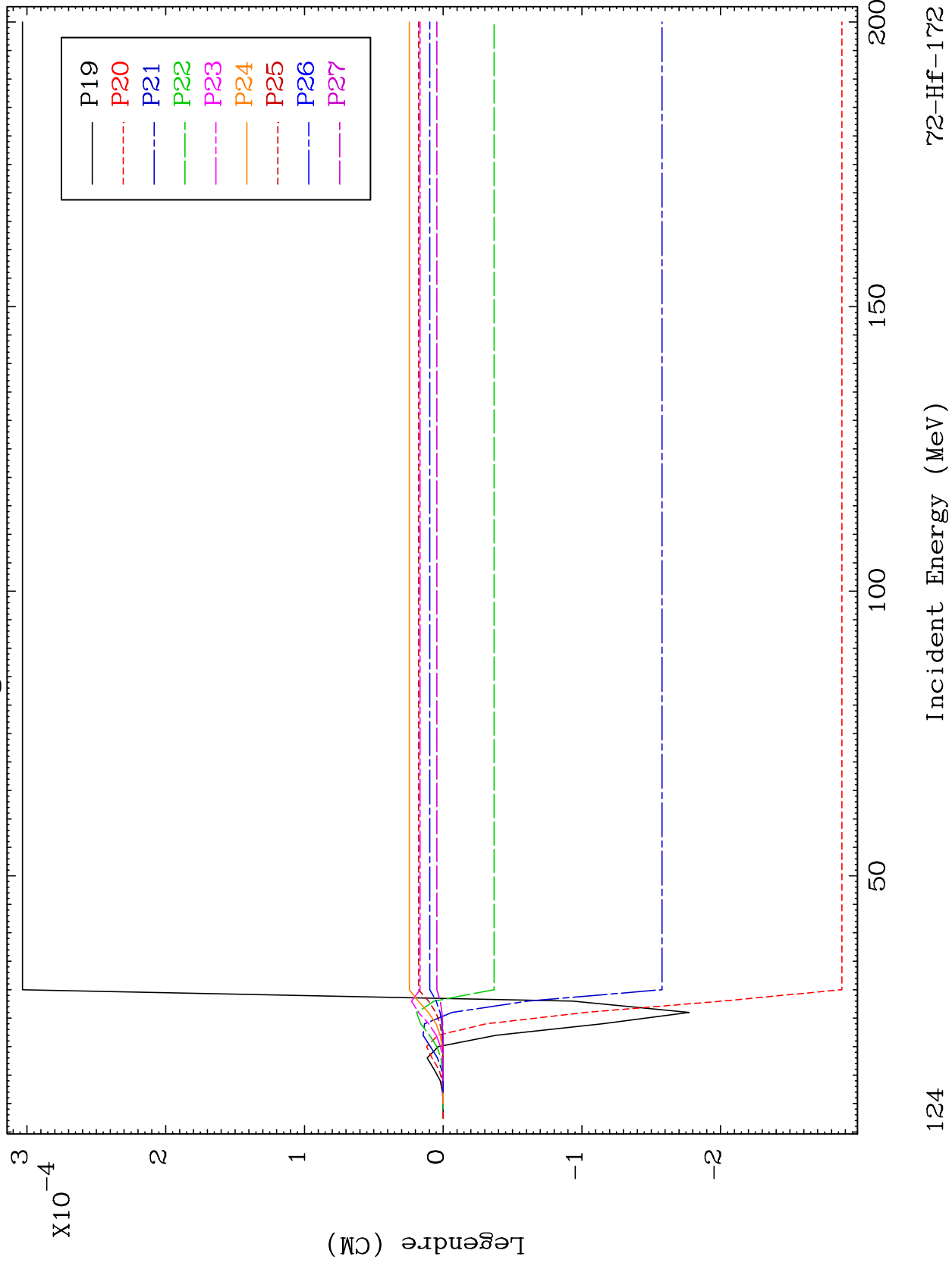
Incident Energy (MeV)

123

MAT 7219

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

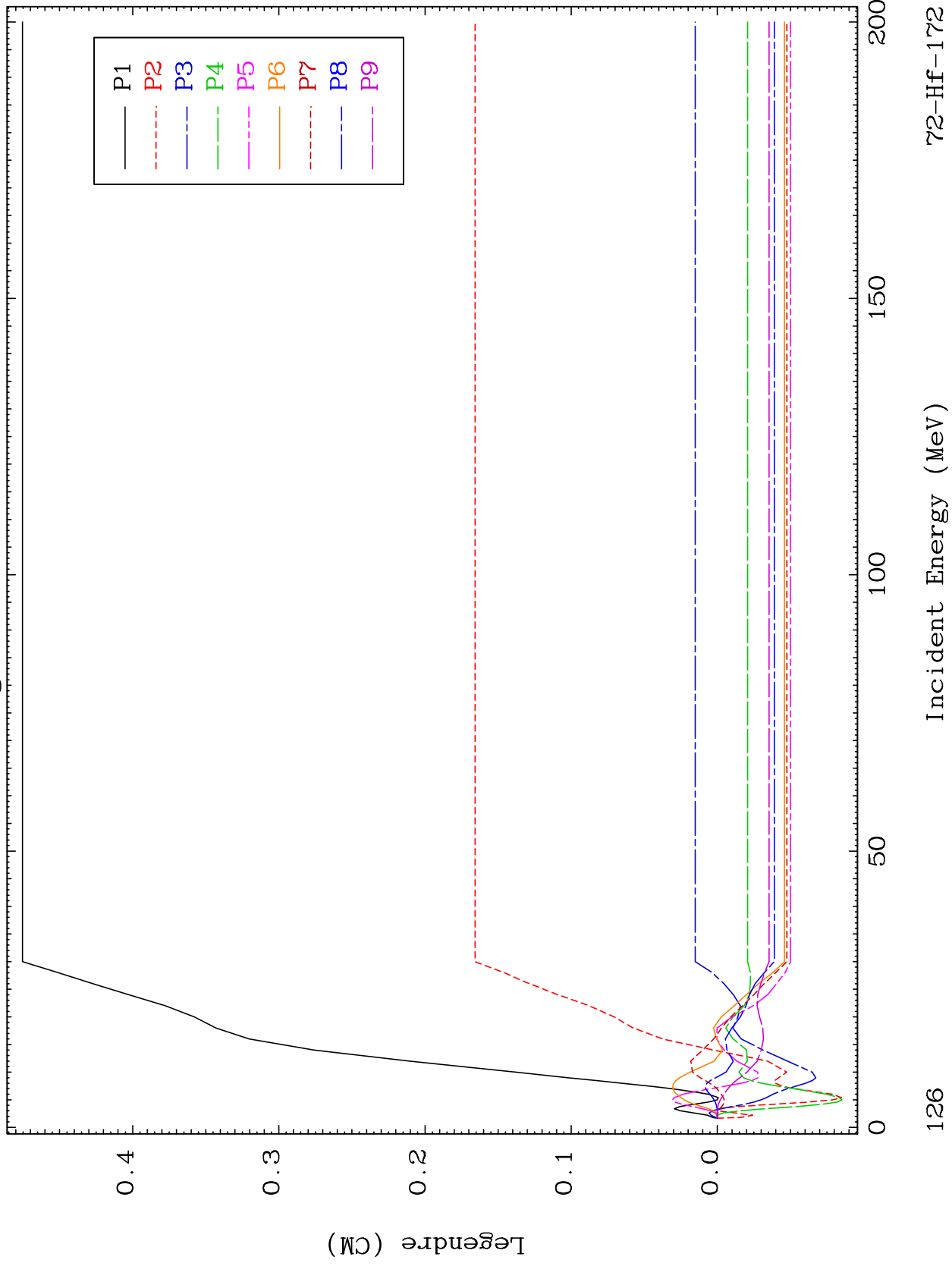
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

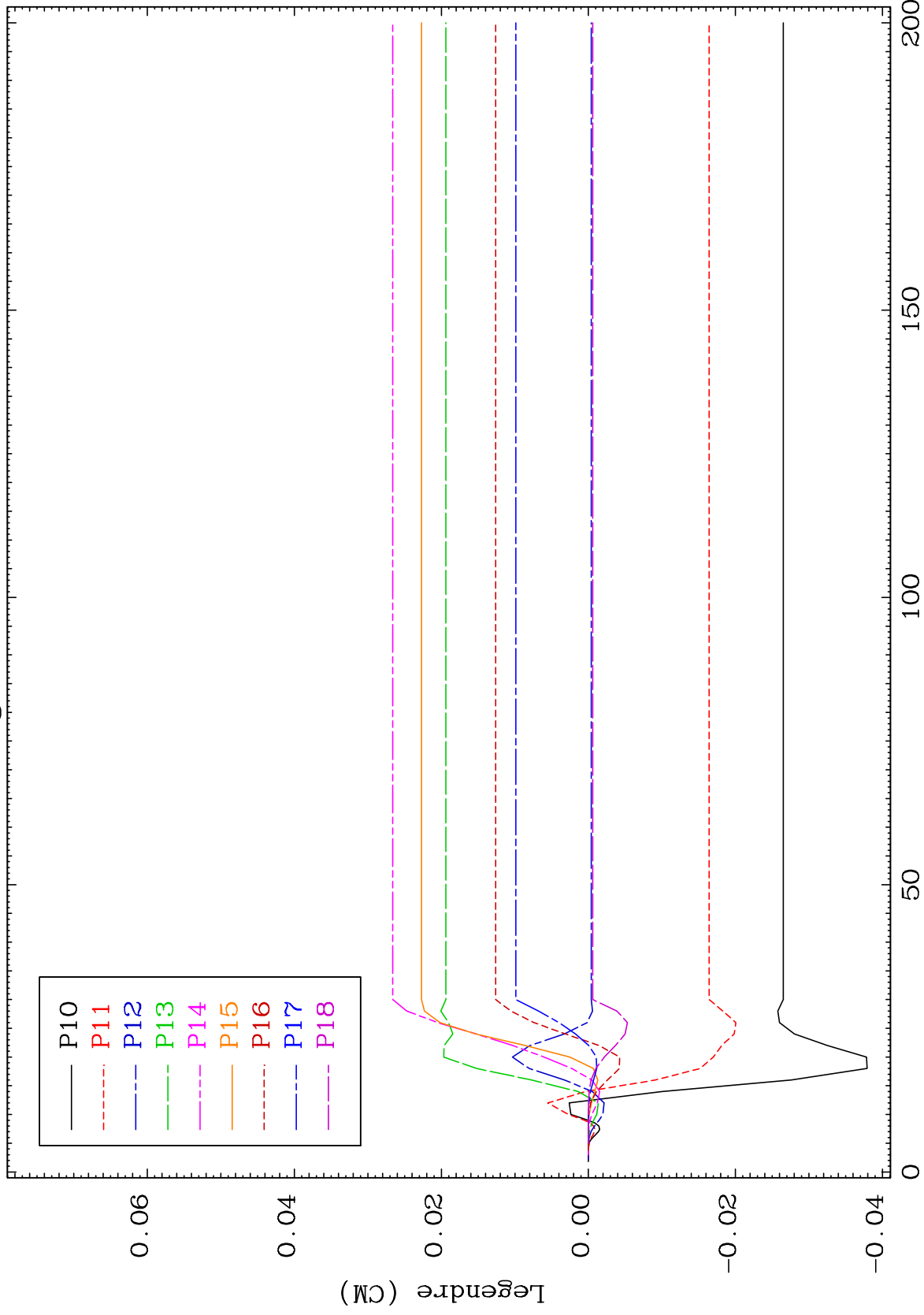
Incident Energy (MeV)

126

MAT 7219

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

72-Hf-172



127

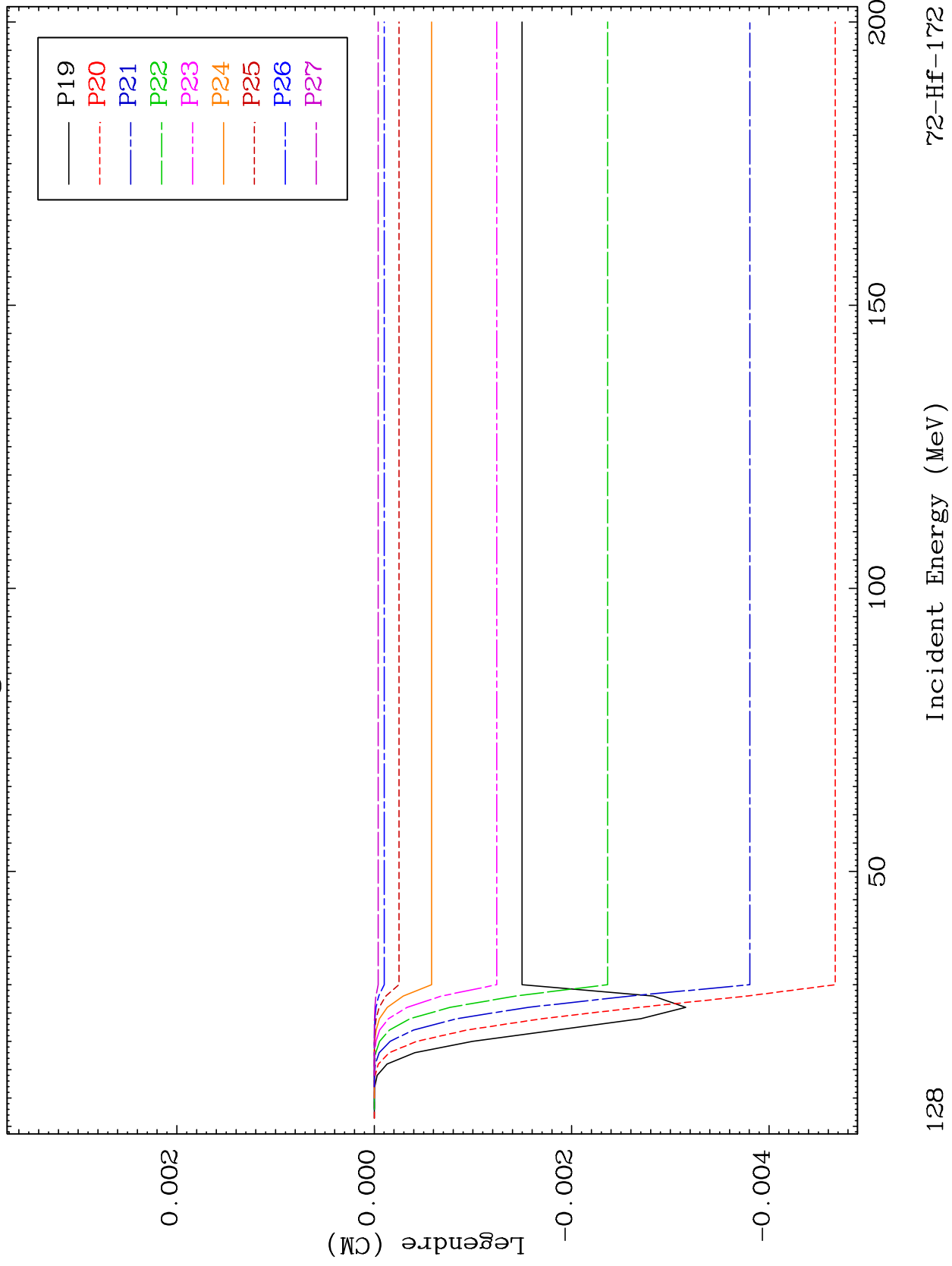
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

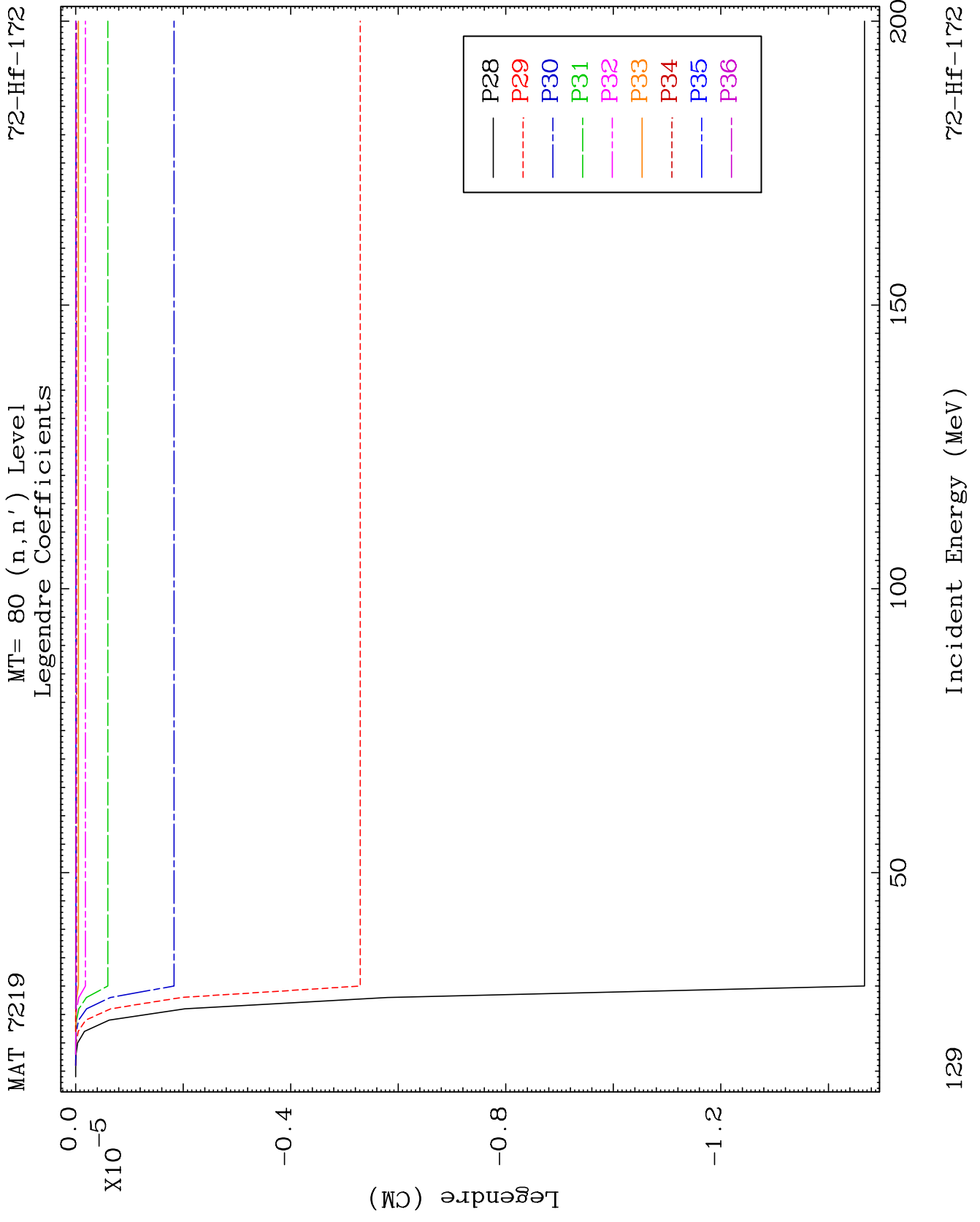
72-Hf-172



128

Incident Energy (MeV)

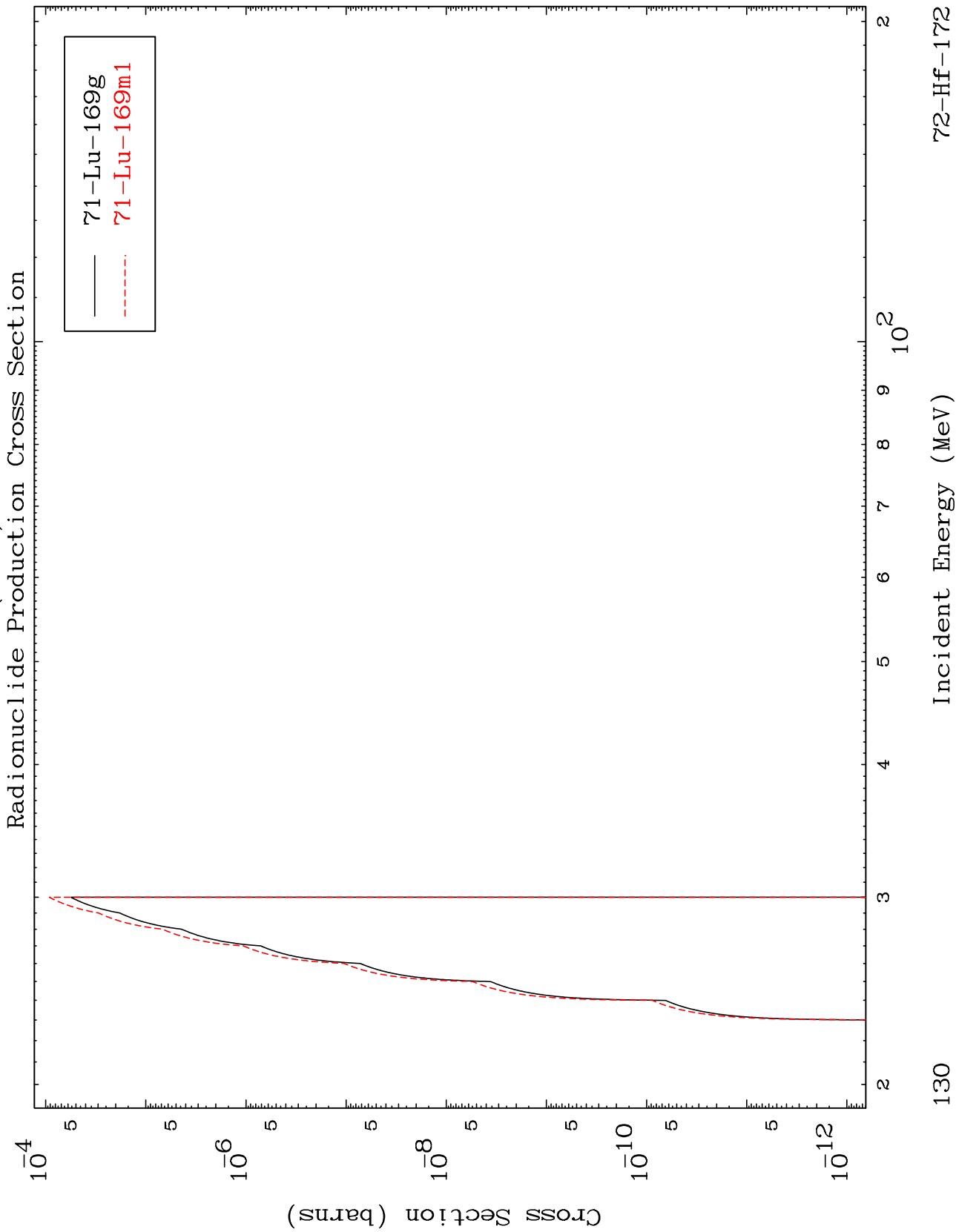
72-Hf-172



MAT 7219

(n,2n) d

72-Hf-172



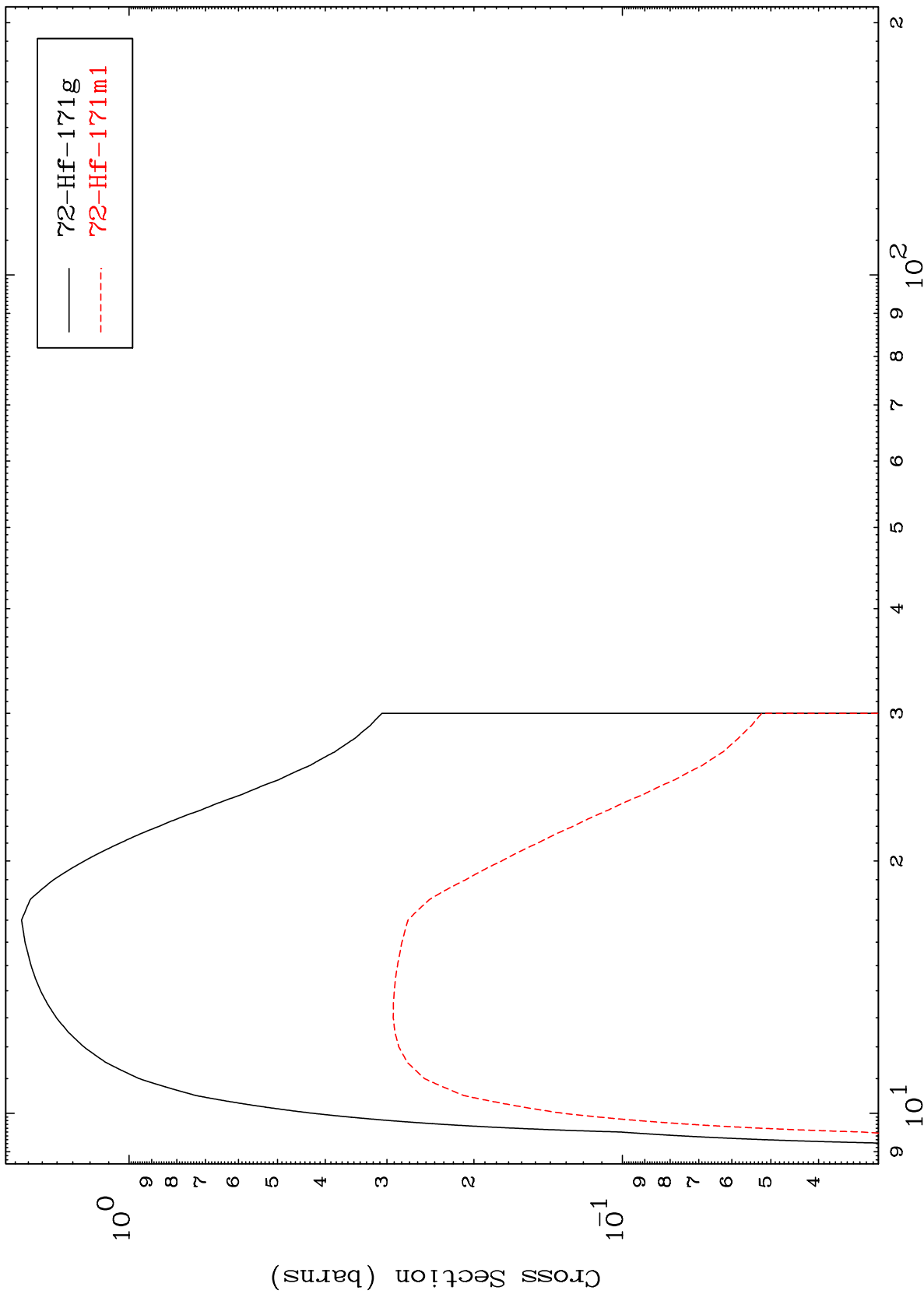
130

72-Hf-172

MAT 7219

72-Hf-172

(n,2n)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

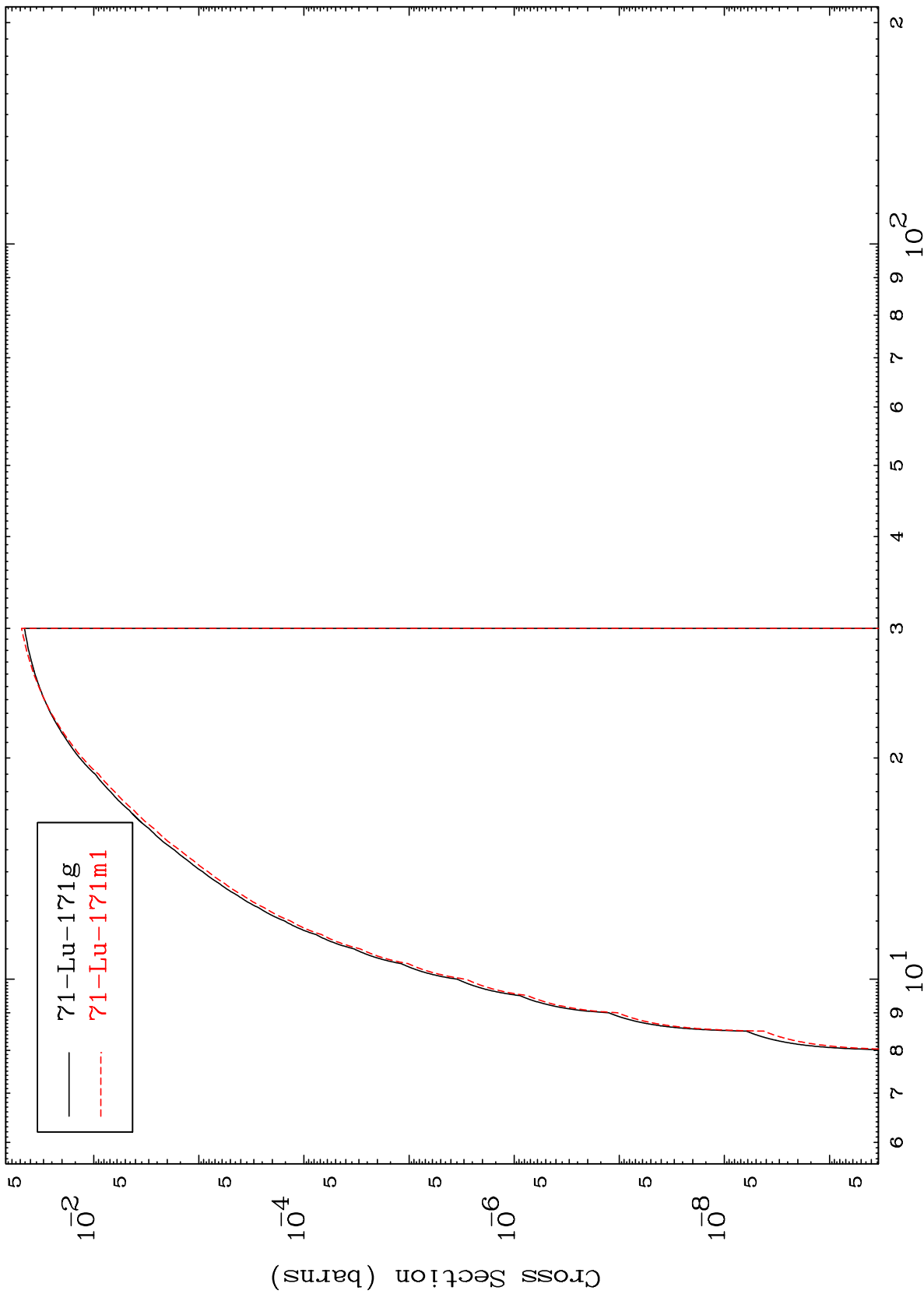
72-Hf-172

MAT 7219

(n,n') p

72-Hf-172

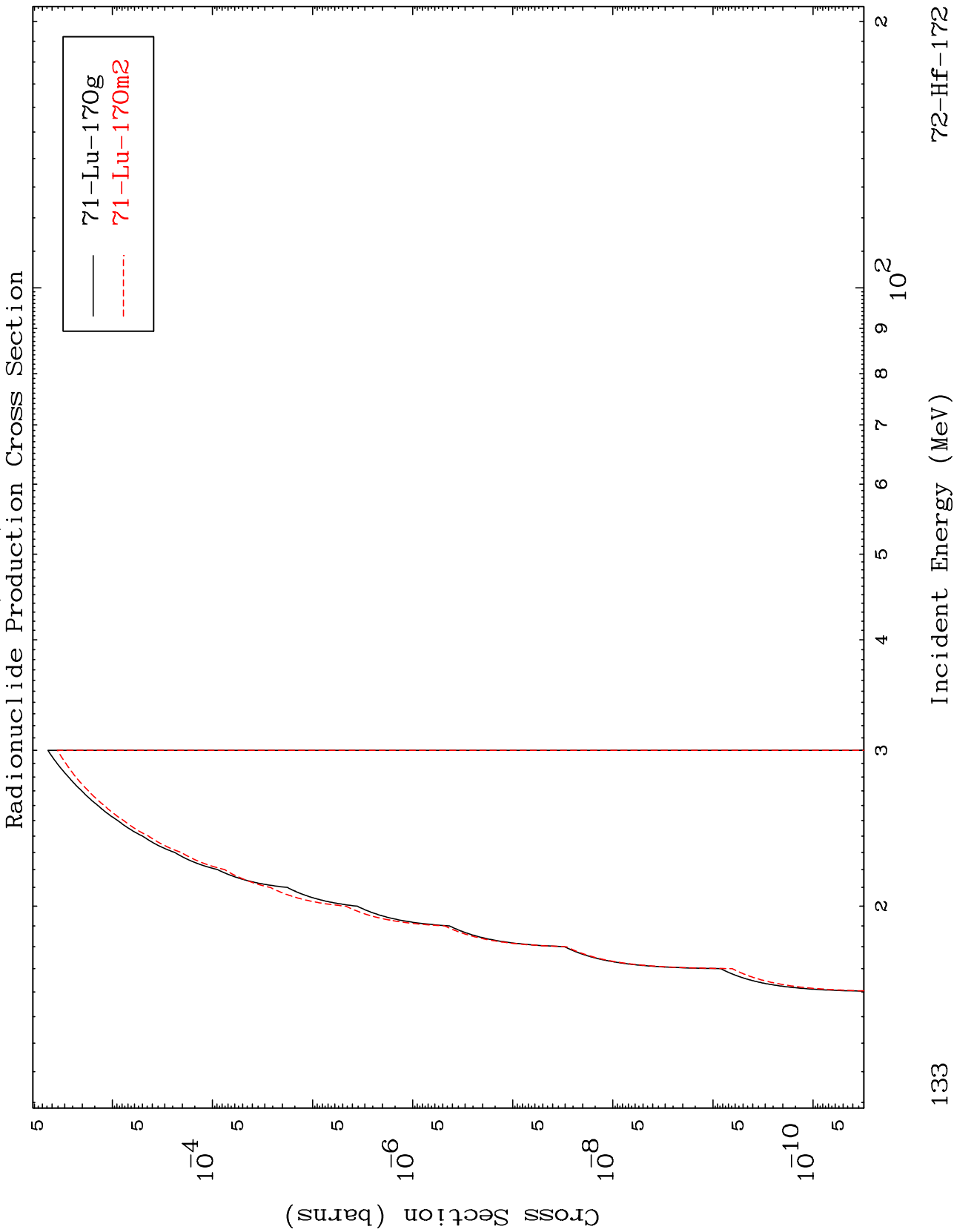
Radionuclide Production Cross Section



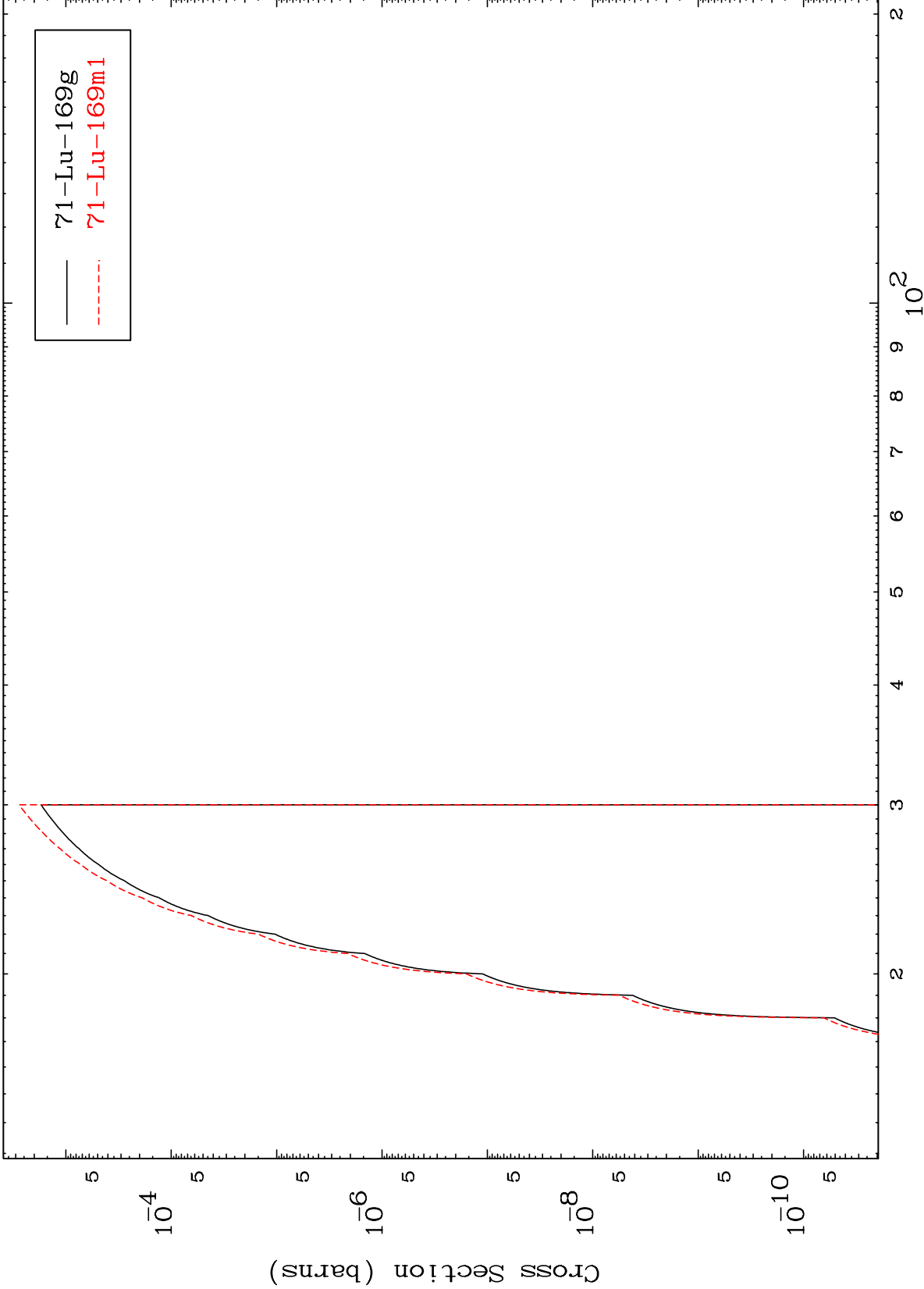
132

Incident Energy (MeV)

72-Hf-172



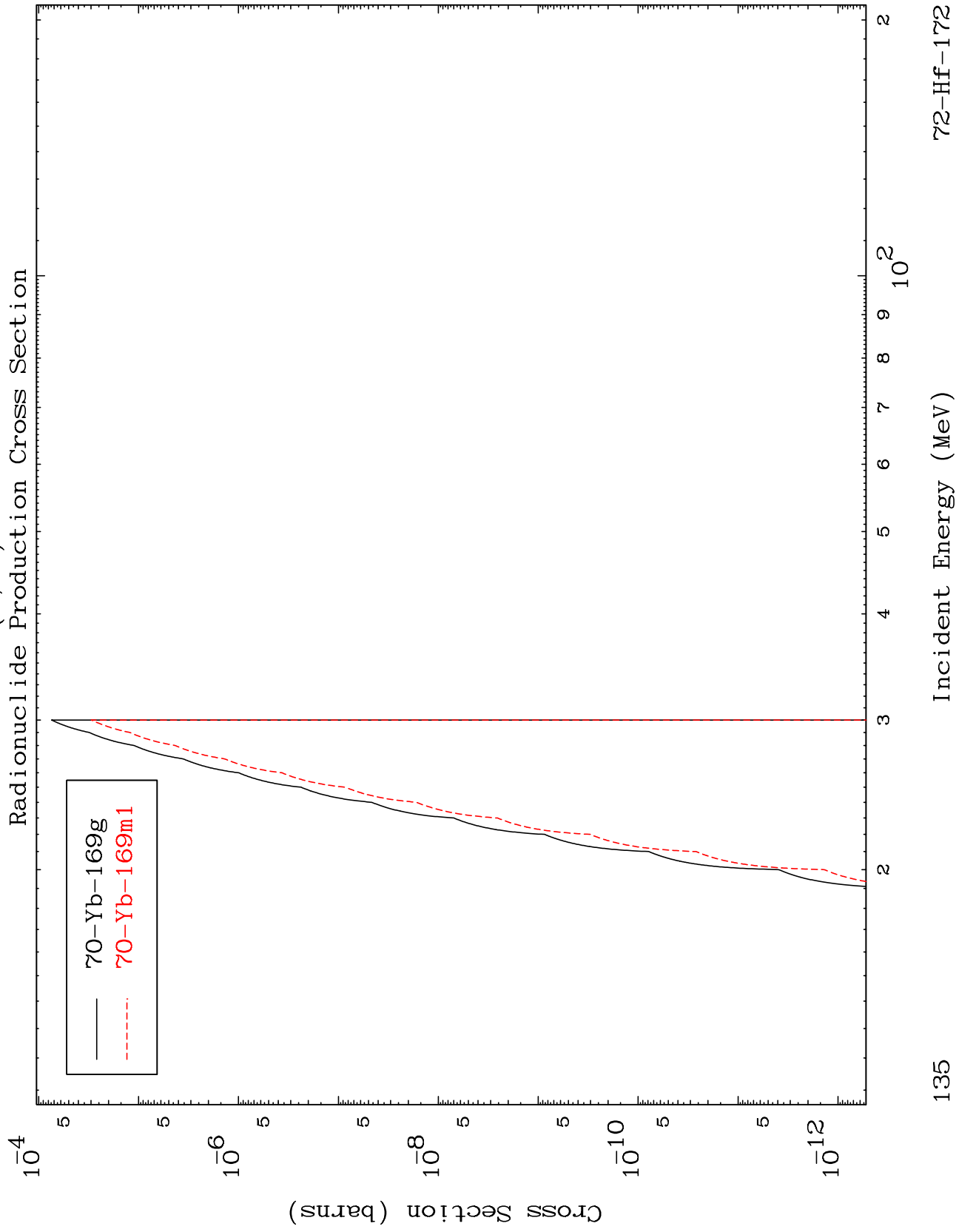
Radionuclide Production Cross Section



MAT 7219

(n,n') He-3

72-Hf-172



135

Incident Energy (MeV)

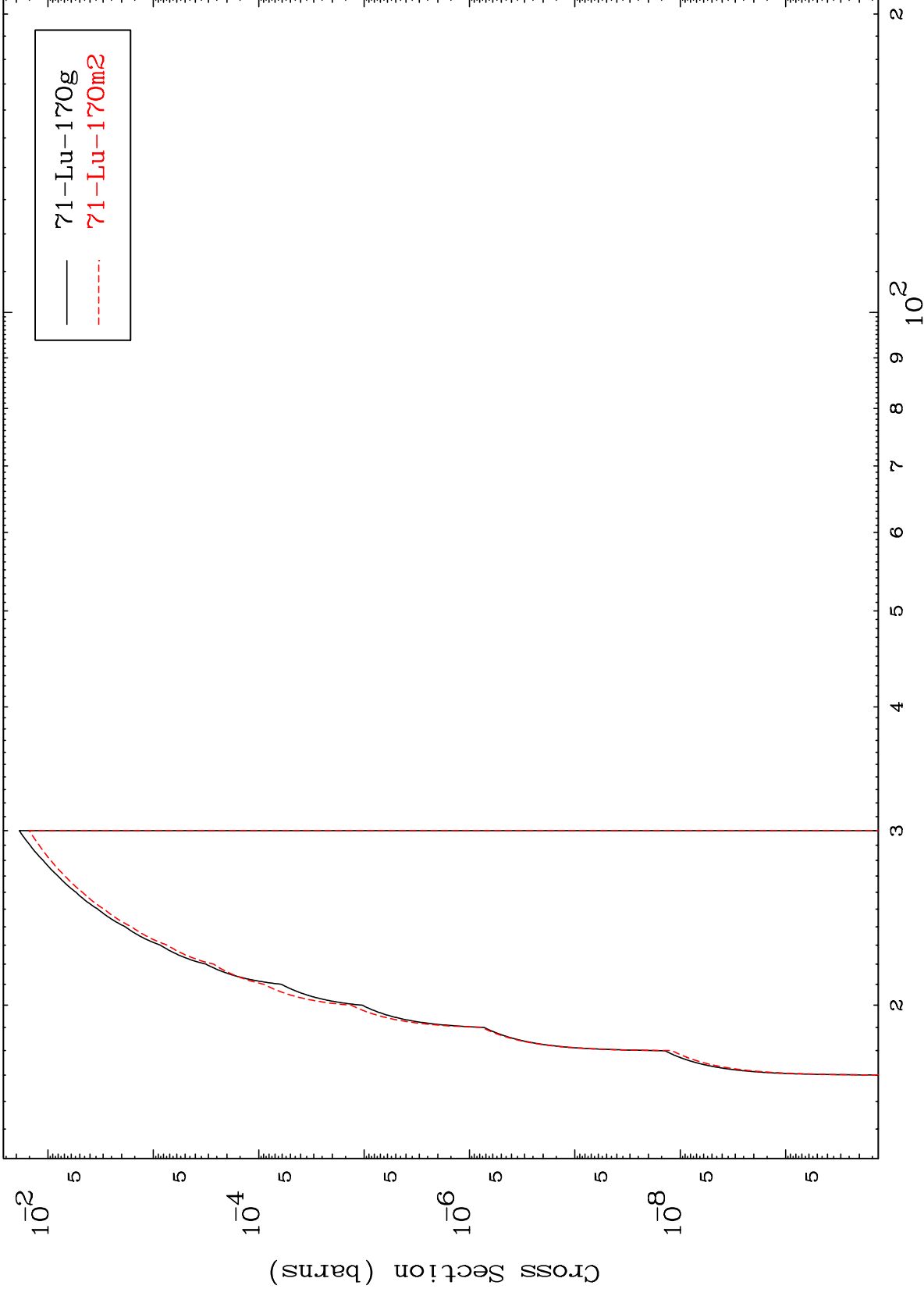
72-Hf-172

MAT 7219

(n,2n) p

72-Hf-172

Radionuclide Production Cross Section



136

Incident Energy (MeV)

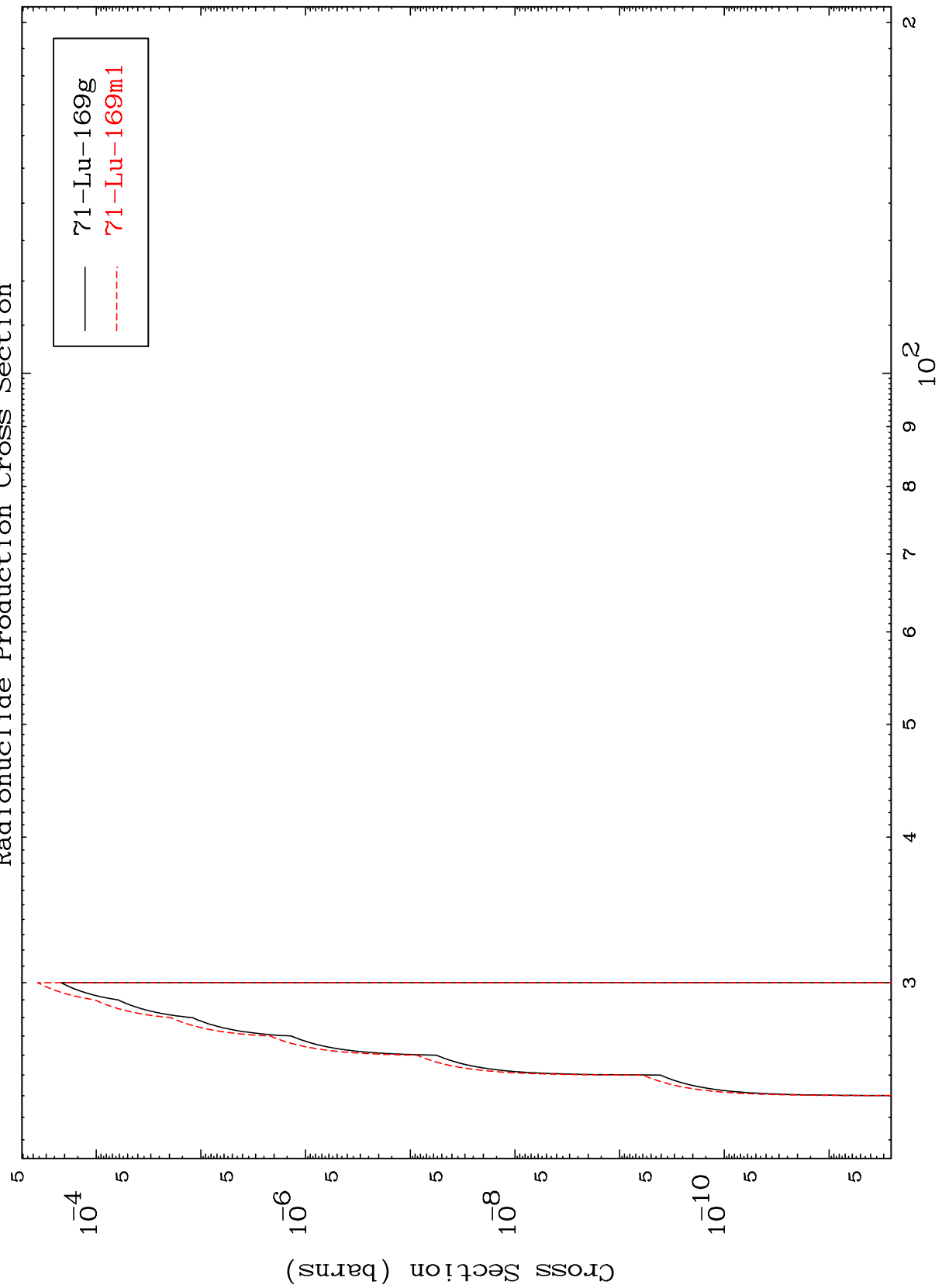
72-Hf-172

MAT 7219

(n,3n) p

72-Hf-172

Radionuclide Production Cross Section



71-Lu-169g
71-Lu-169m1

137

Incident Energy (MeV)

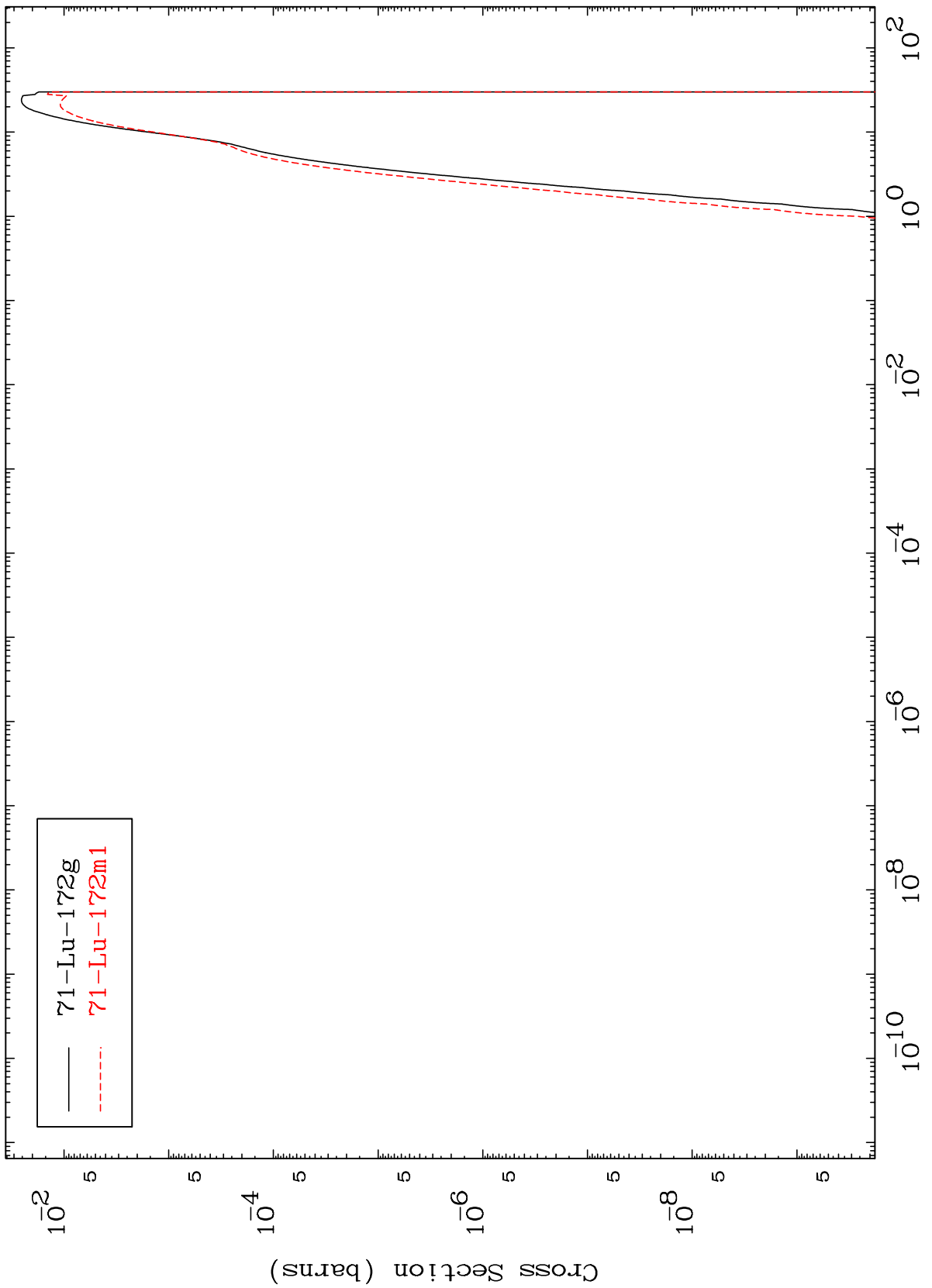
72-Hf-172

MAT 7219

(n,p)

72-Hf-172

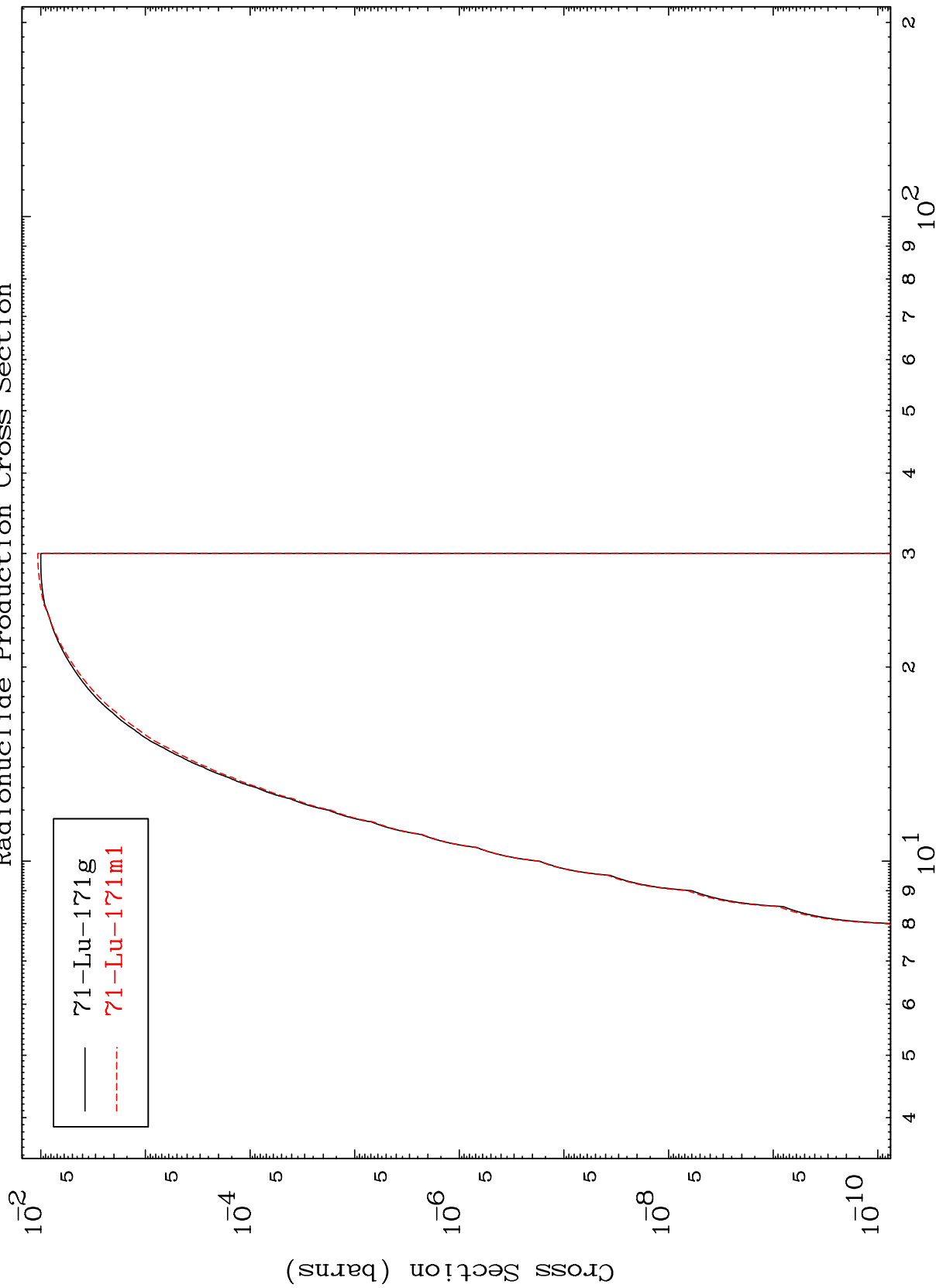
Radionuclide Production Cross Section



MAT 7219

72-Hf-172

Radionuclide Production Cross Section (n,d)



139

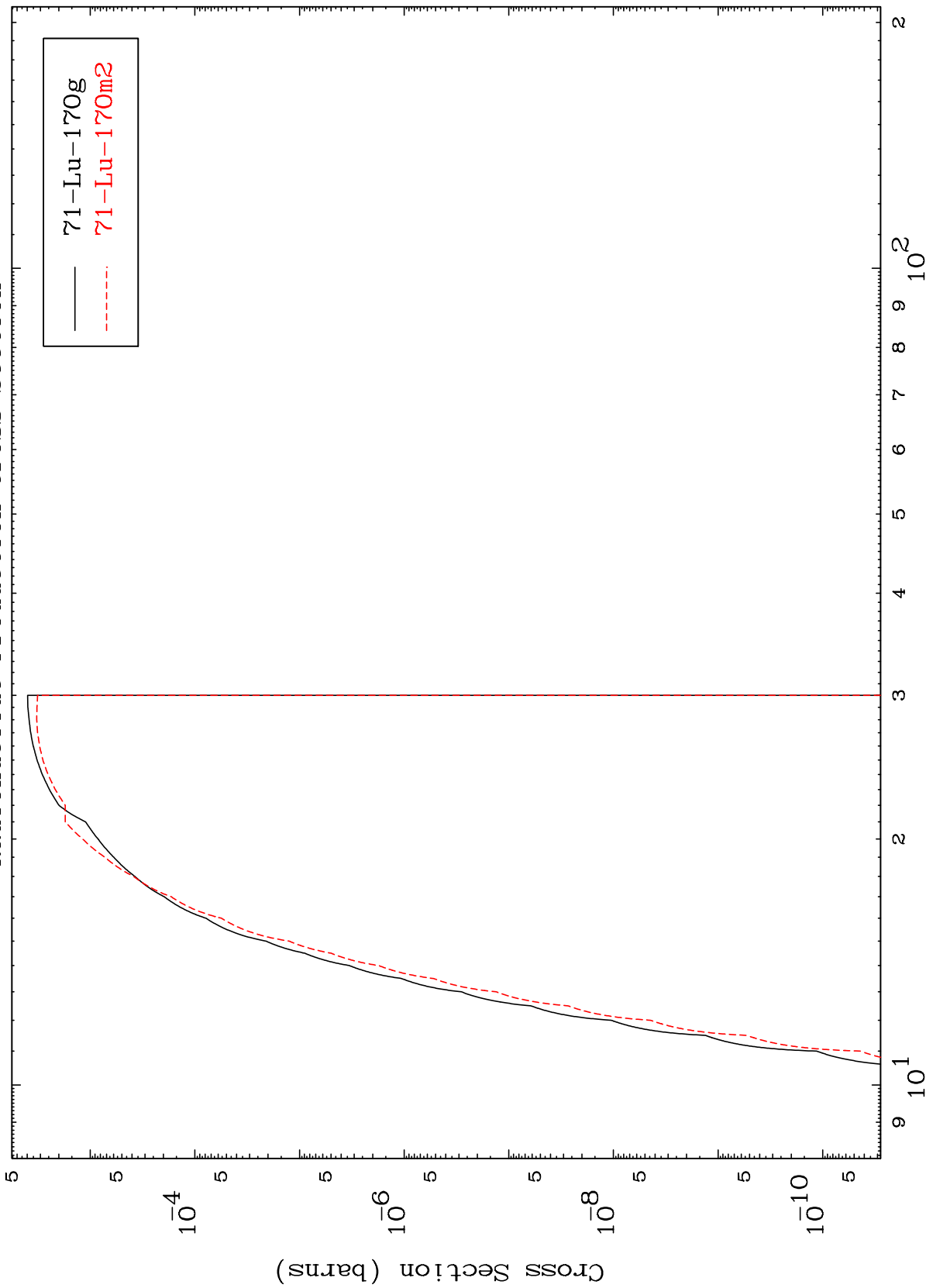
Incident Energy (MeV)

72-Hf-172

MAT 7219

72-Hf-172

(n,t)
Radionuclide Production Cross Section



71-Lu-170g
71-Lu-170m2

72-Hf-172

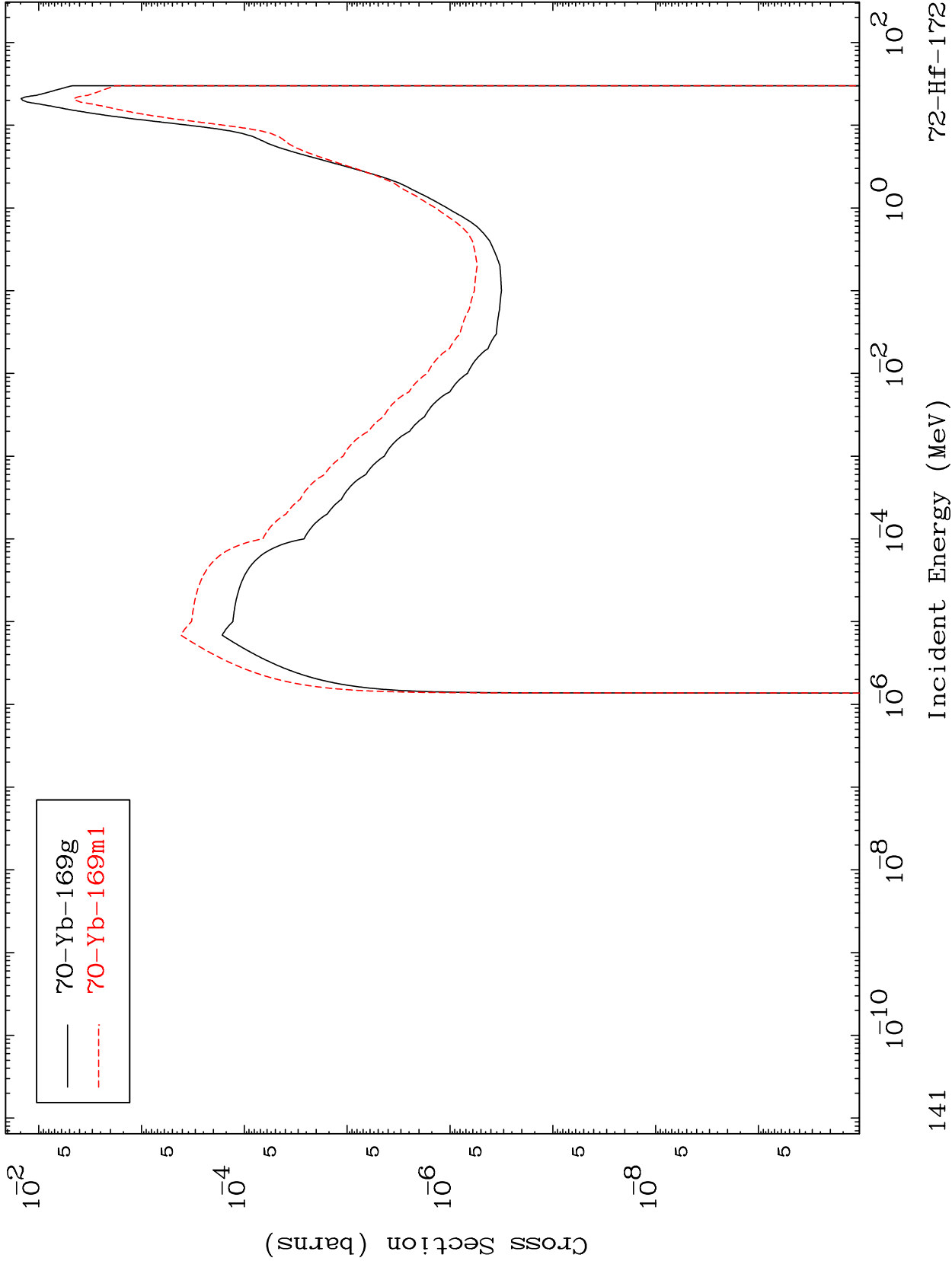
Incident Energy (MeV)

140

MAT 7219

72-Hf-172

(n, α)
Radionuclide Production Cross Section

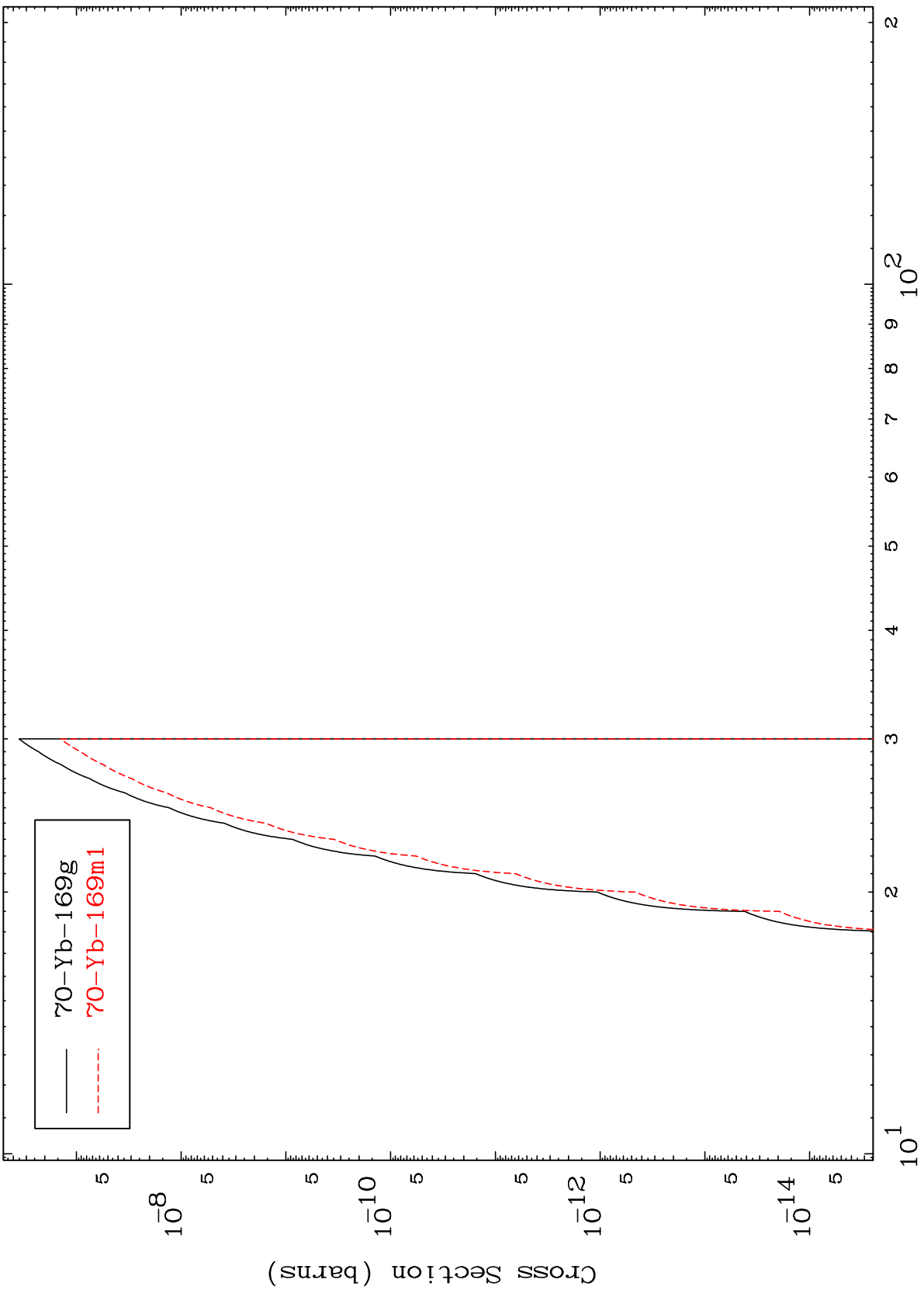


MAT 7219

(n,p) t

72-Hf-172

Radionuclide Production Cross Section



142

Incident Energy (MeV)

72-Hf-172