

Program EVALPLOT
(Version 2018-1)

by

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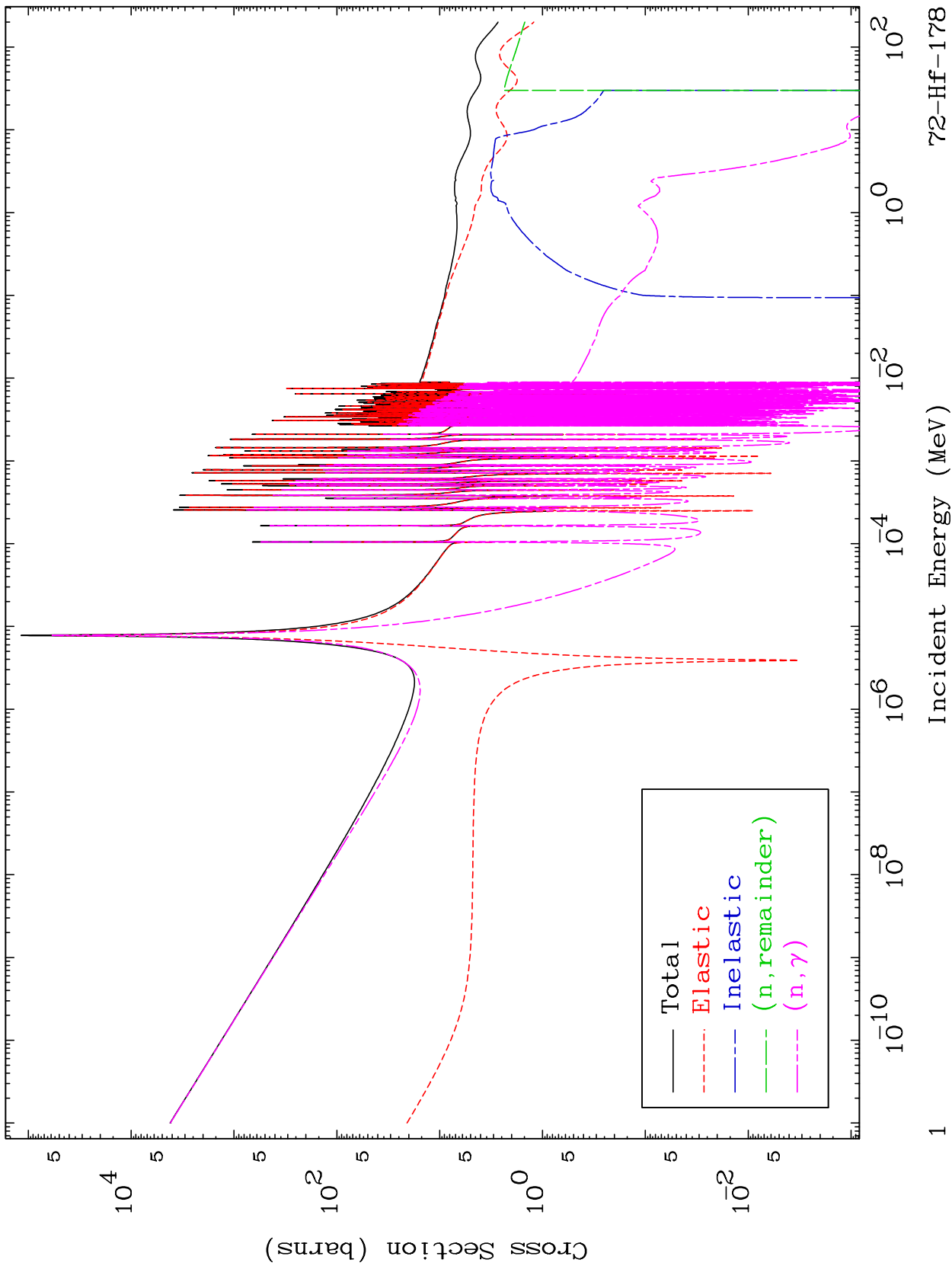
Press Mouse Button to Start

MAT 7237

Major

293 Kelvin Cross Sections

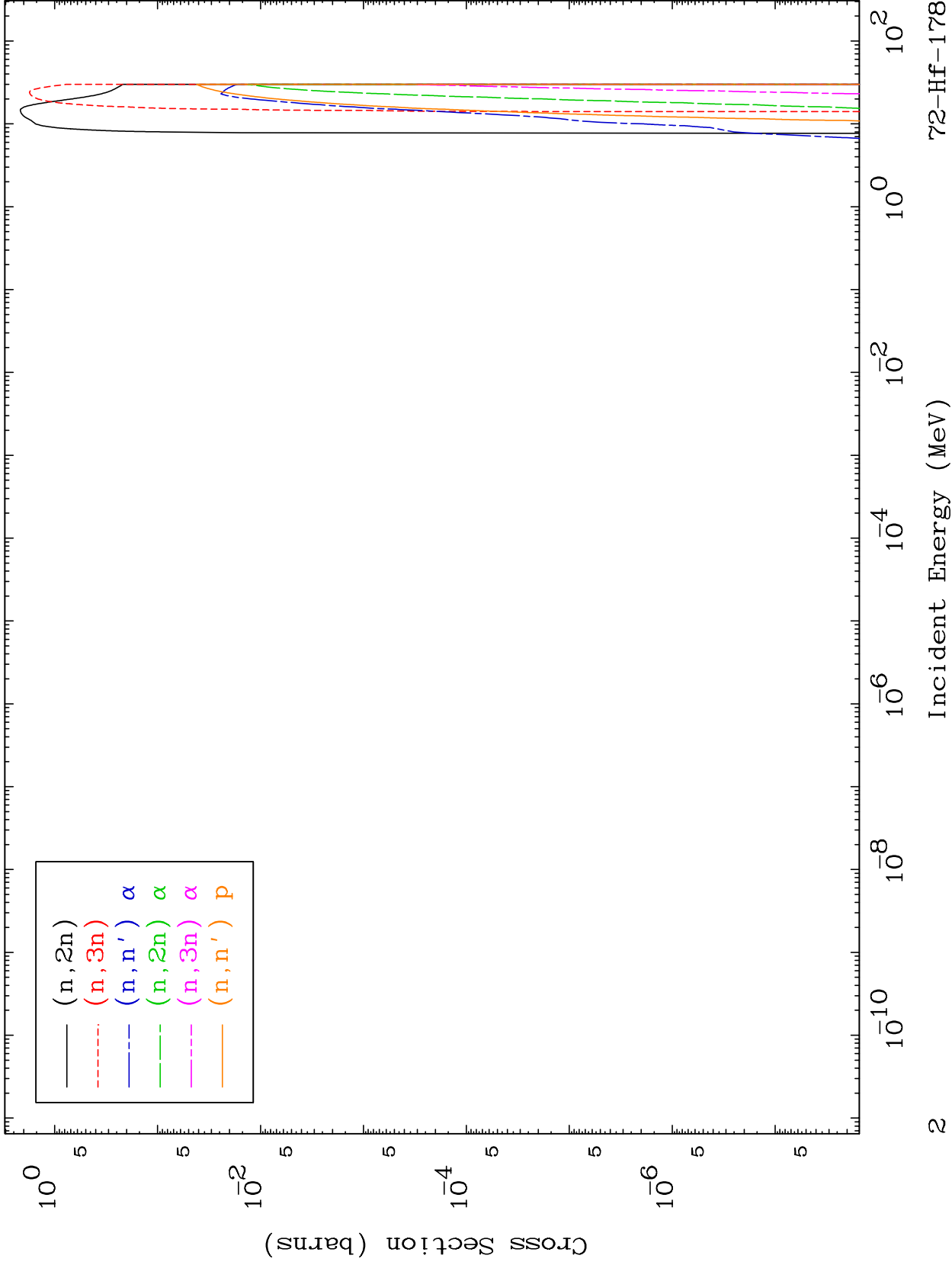
72-Hf-178

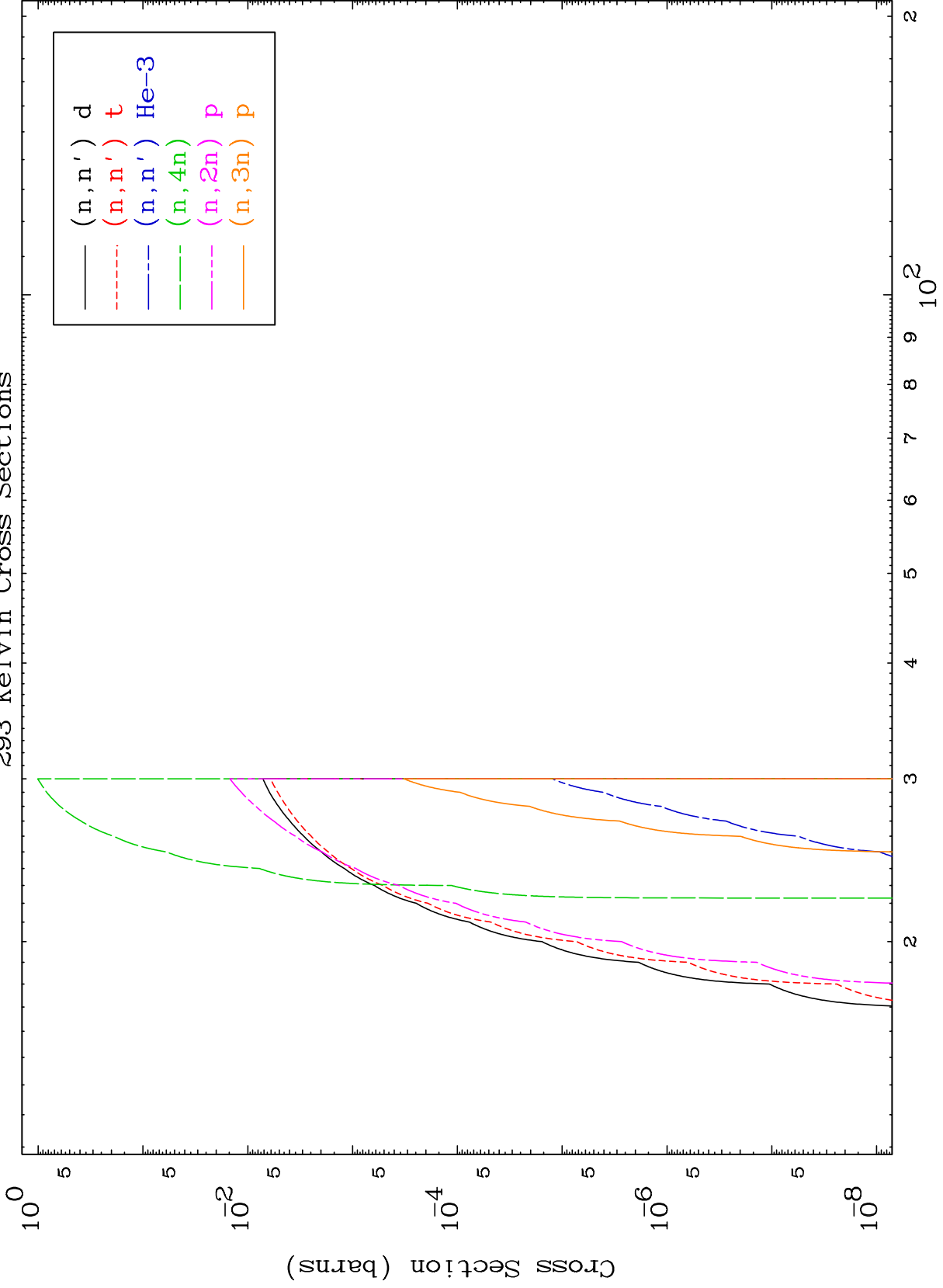


MAT 7237

Neutron Production
293 Kelvin Cross Sections

72-Hf-178

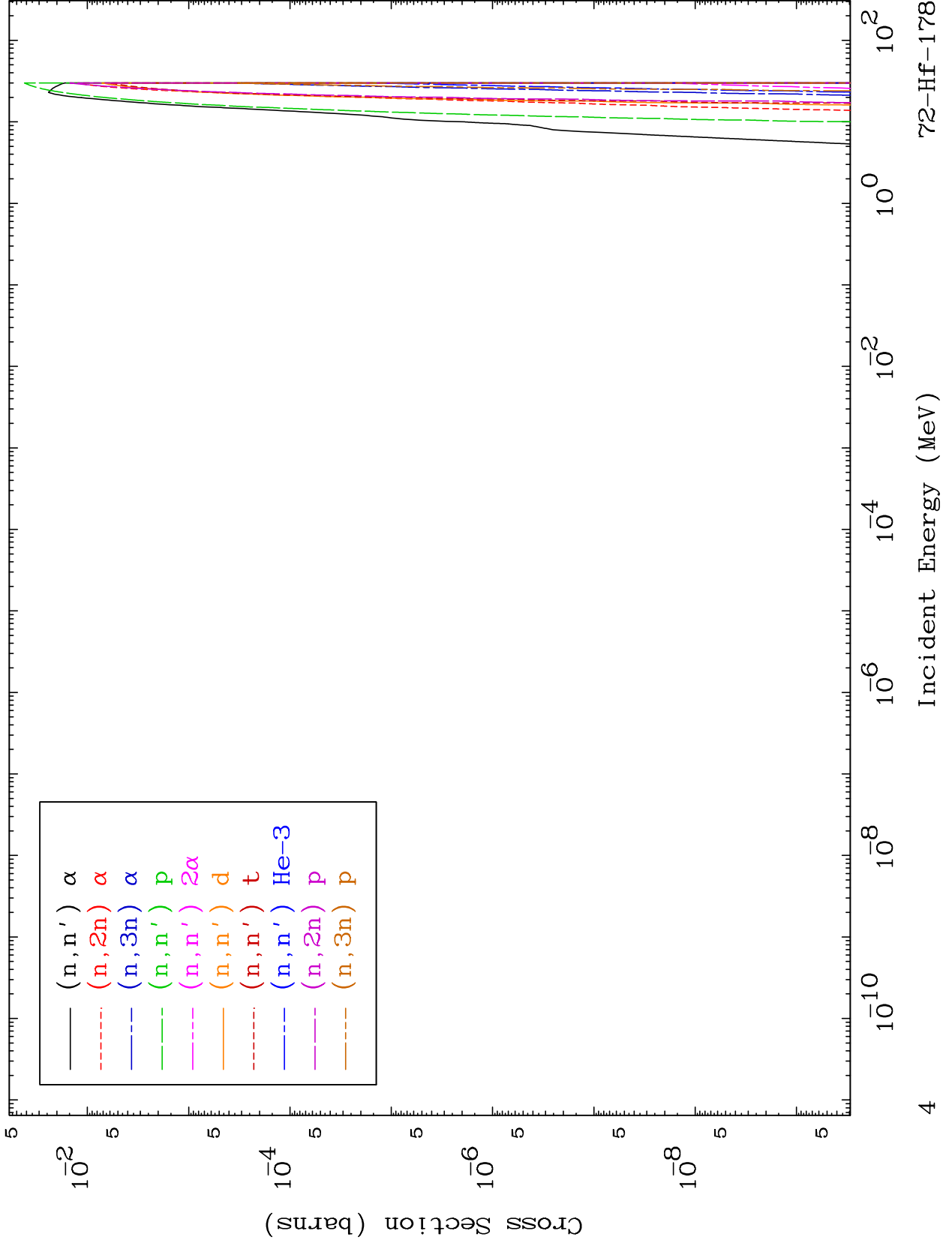




MAT 7237

Charged Particle
293 Kelvin Cross Sections

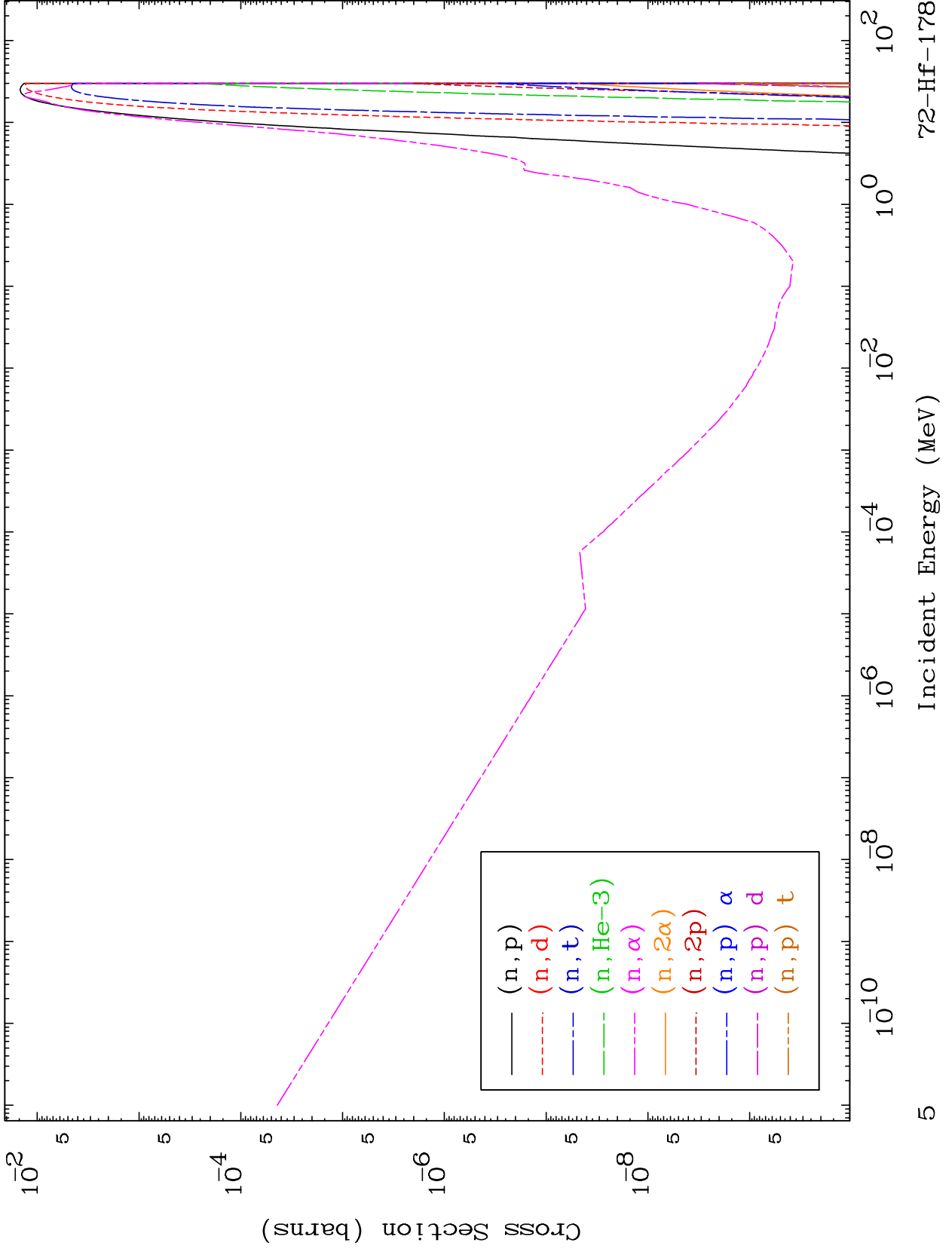
72-Hf-178



MAT 7237

Charged Particle
293 Kelvin Cross Sections

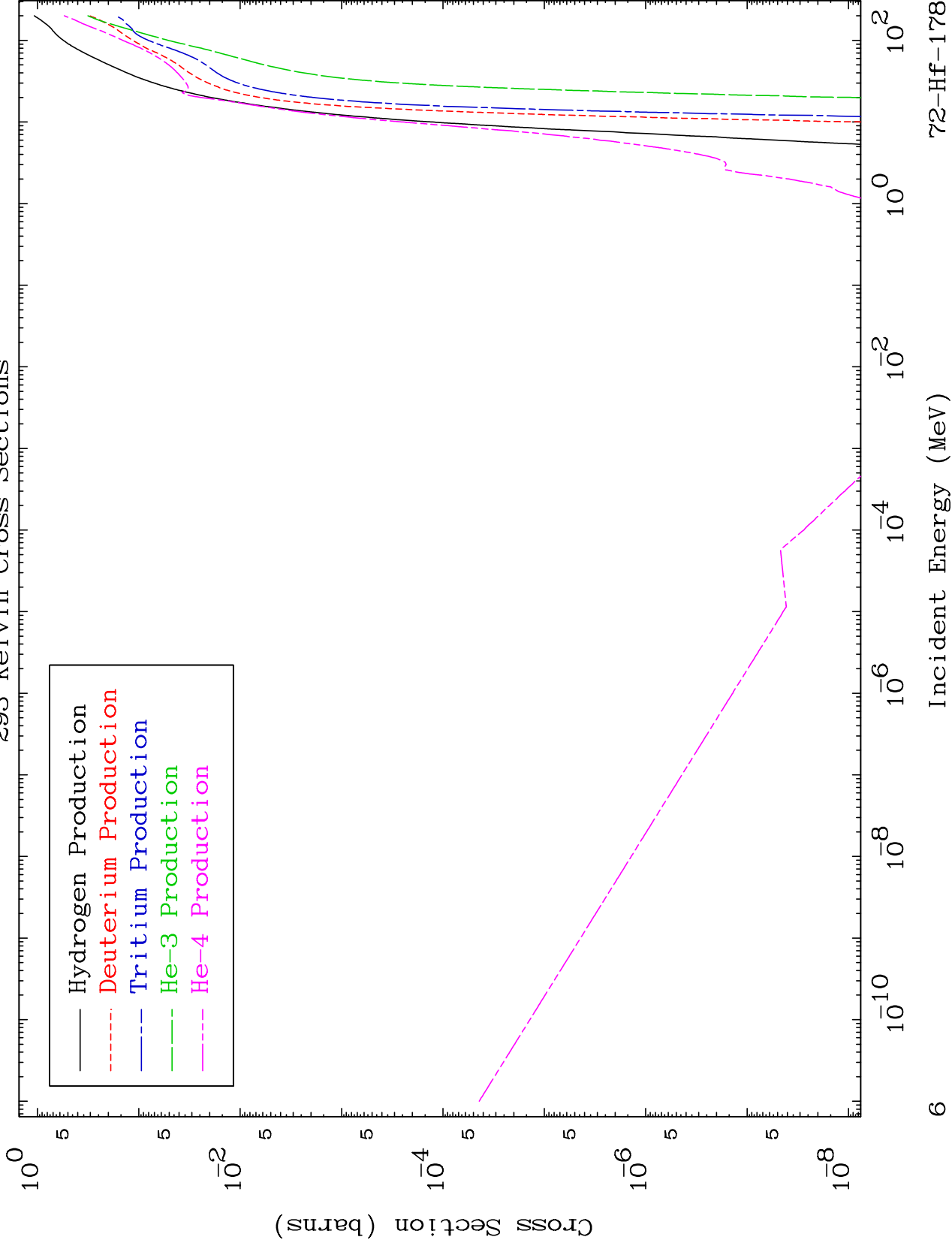
72-Hf-178



MAT 7237

Particle Production
293 Kelvin Cross Sections

72-Hf-178

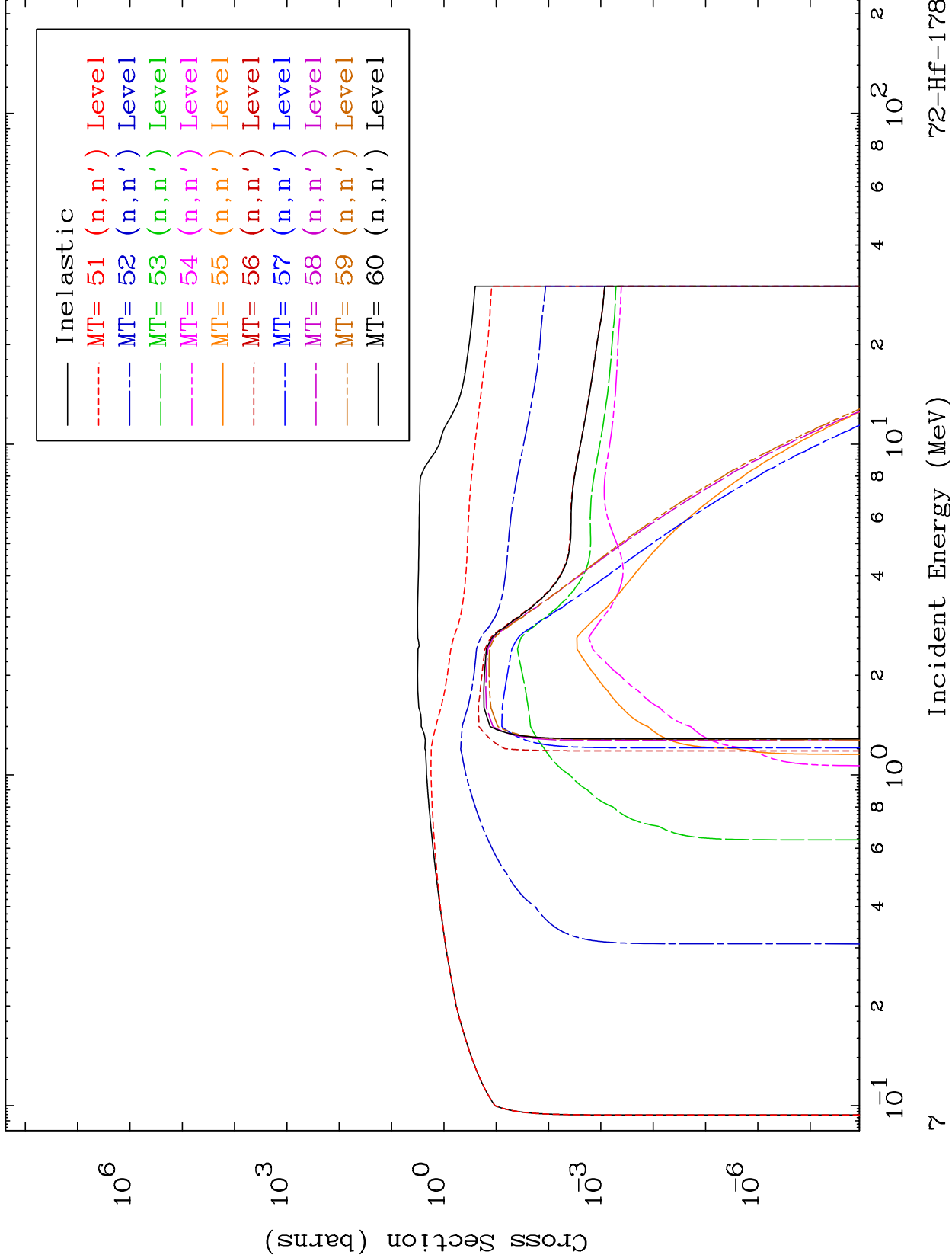


MAT 7237

(n,n') Level

72-Hf-178

293 Kelvin Cross Sections



Incident Energy (MeV)

72-Hf-178

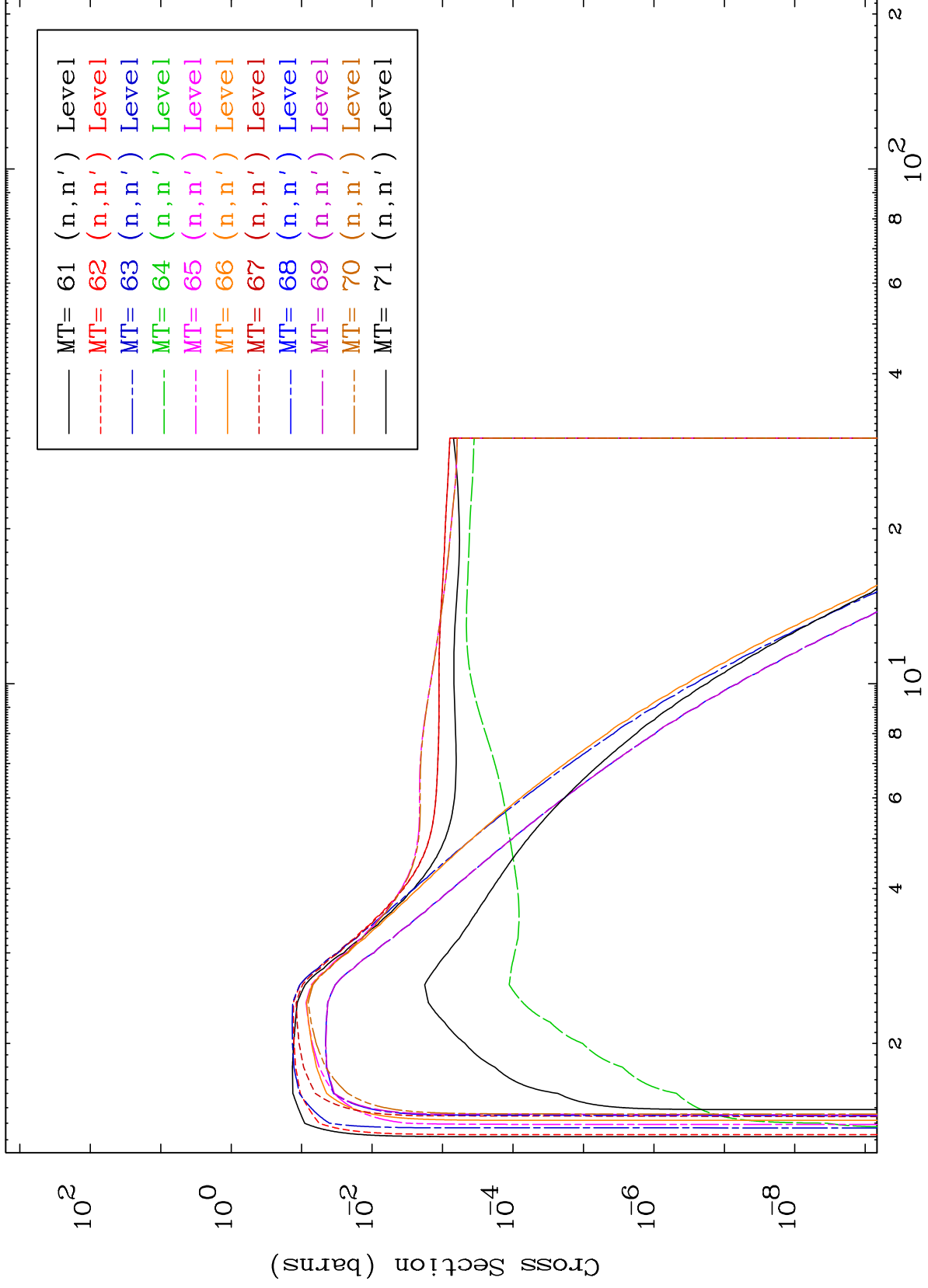
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MAT 7237

(n,n') Level

293 Kelvin Cross Sections

72-Hf-178

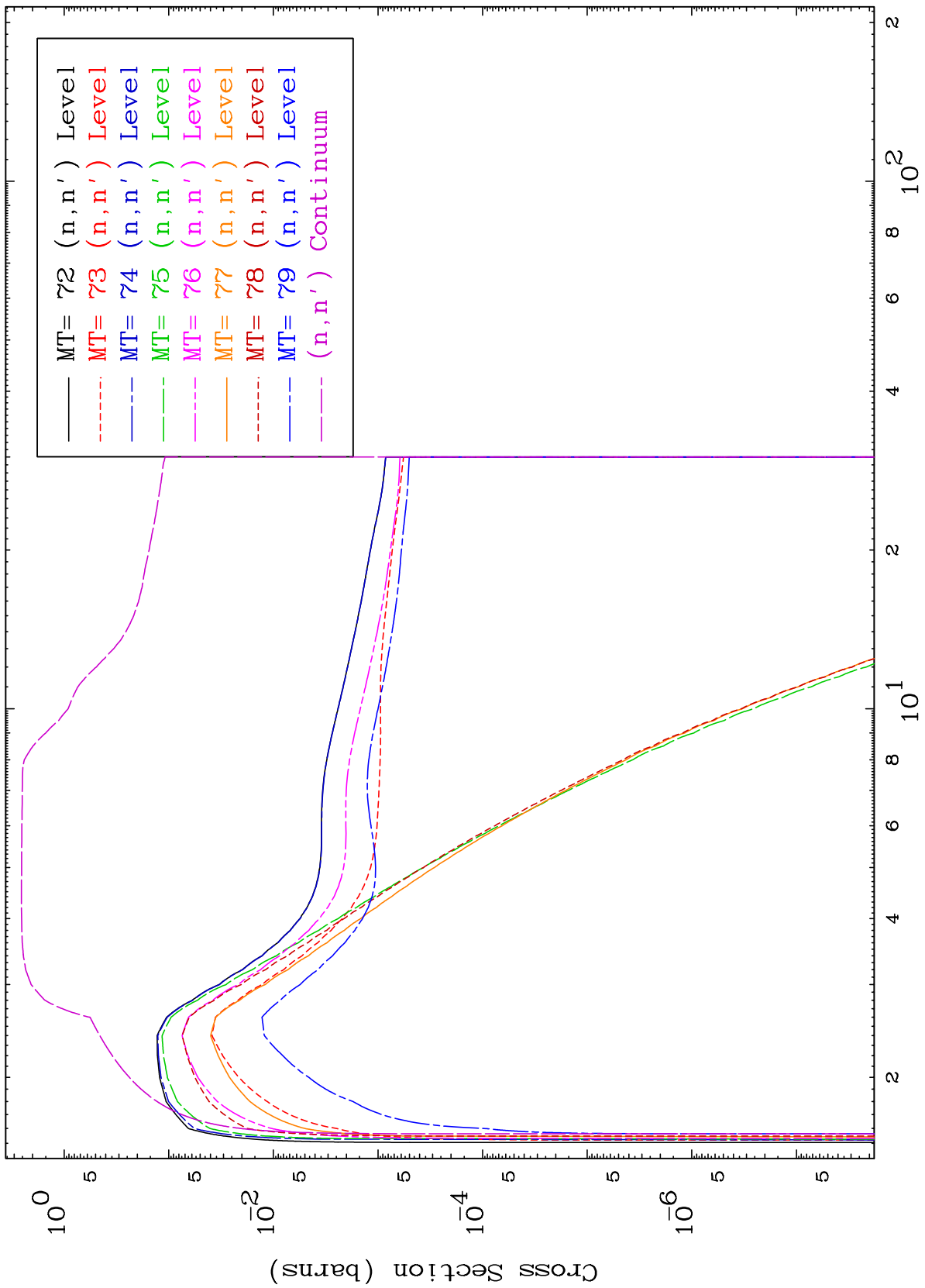


MAT 7237

(n,n') Level

72-Hf-178

293 Kelvin Cross Sections



9

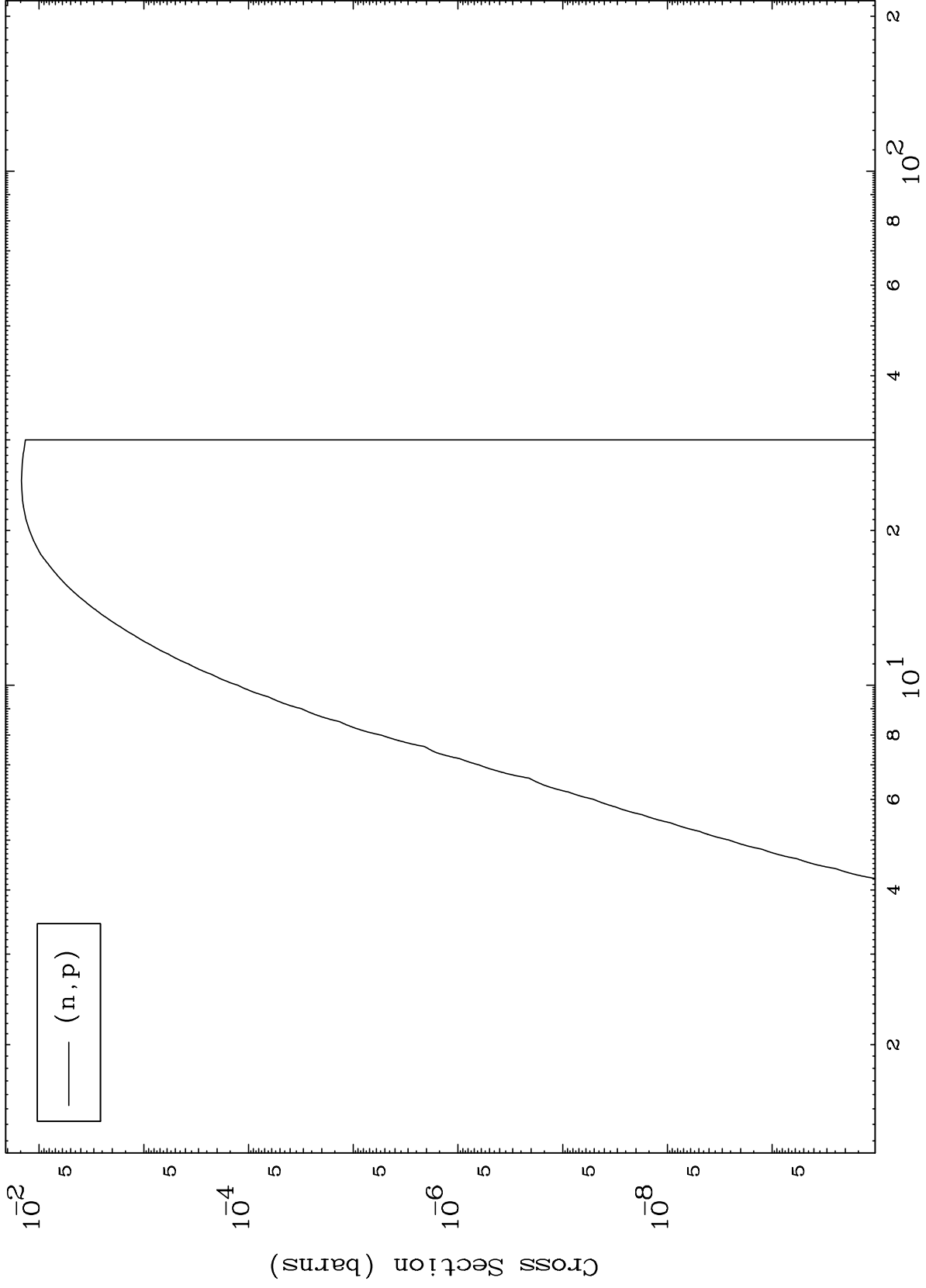
Incident Energy (MeV)

72-Hf-178

MAT 7237

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-178



(n,p)

10

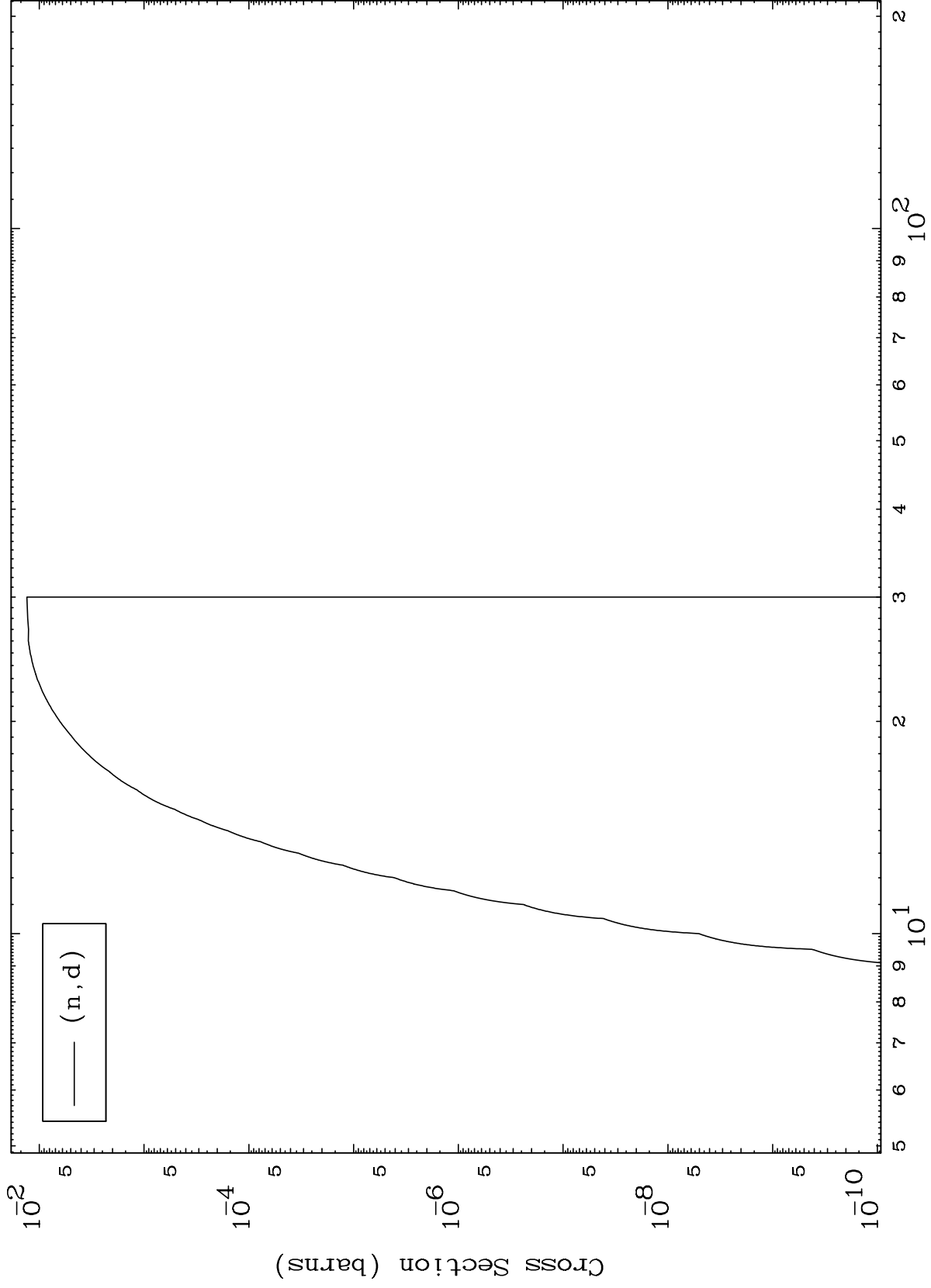
Incident Energy (MeV)

72-Hf-178

MAT 7237

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-178



11

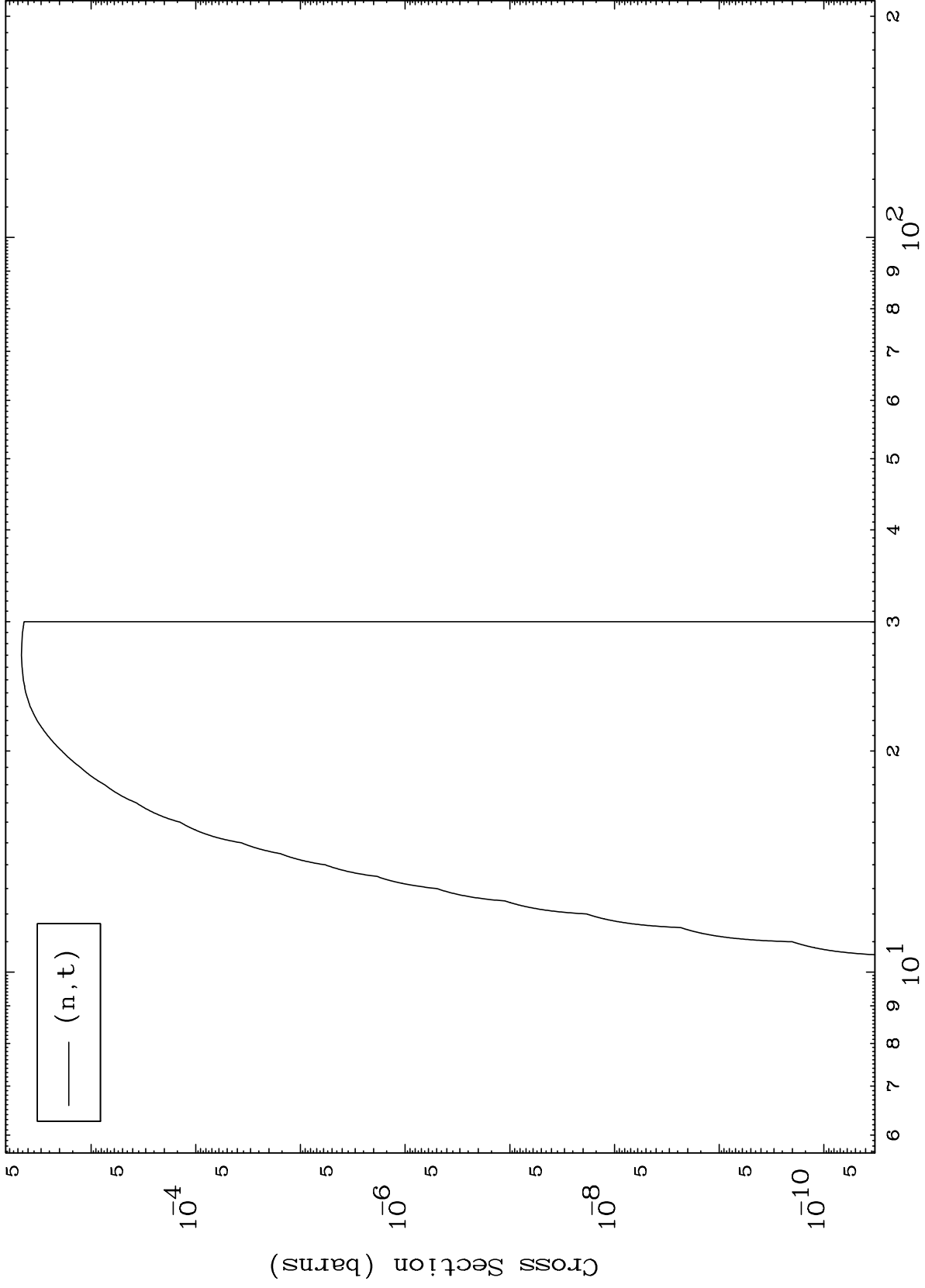
Incident Energy (MeV)

72-Hf-178

MAT 7237

(n, t) Levels
293 Kelvin Cross Sections

72-Hf-178



12

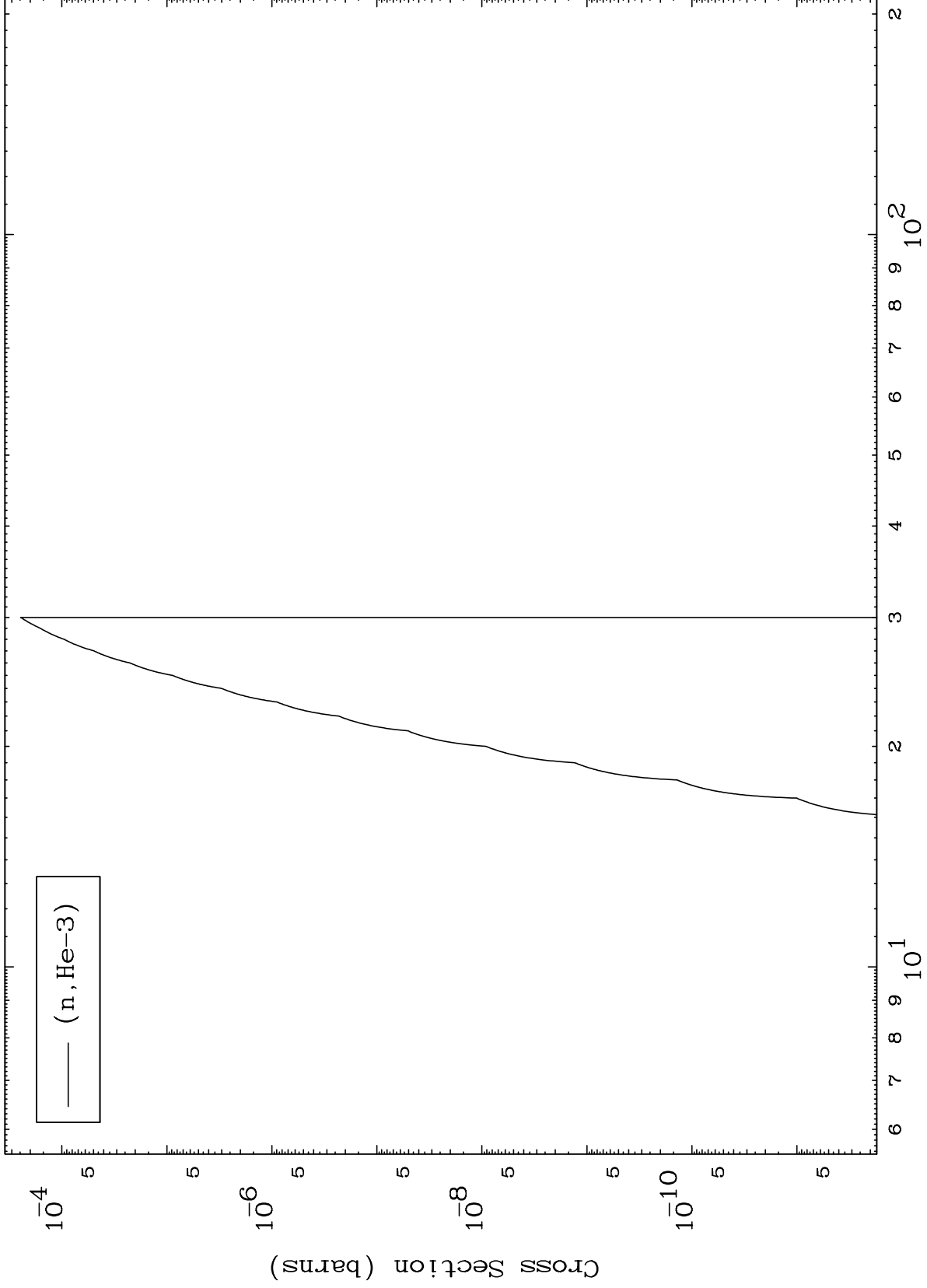
Incident Energy (MeV)

72-Hf-178

MAT 7237

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-178



13

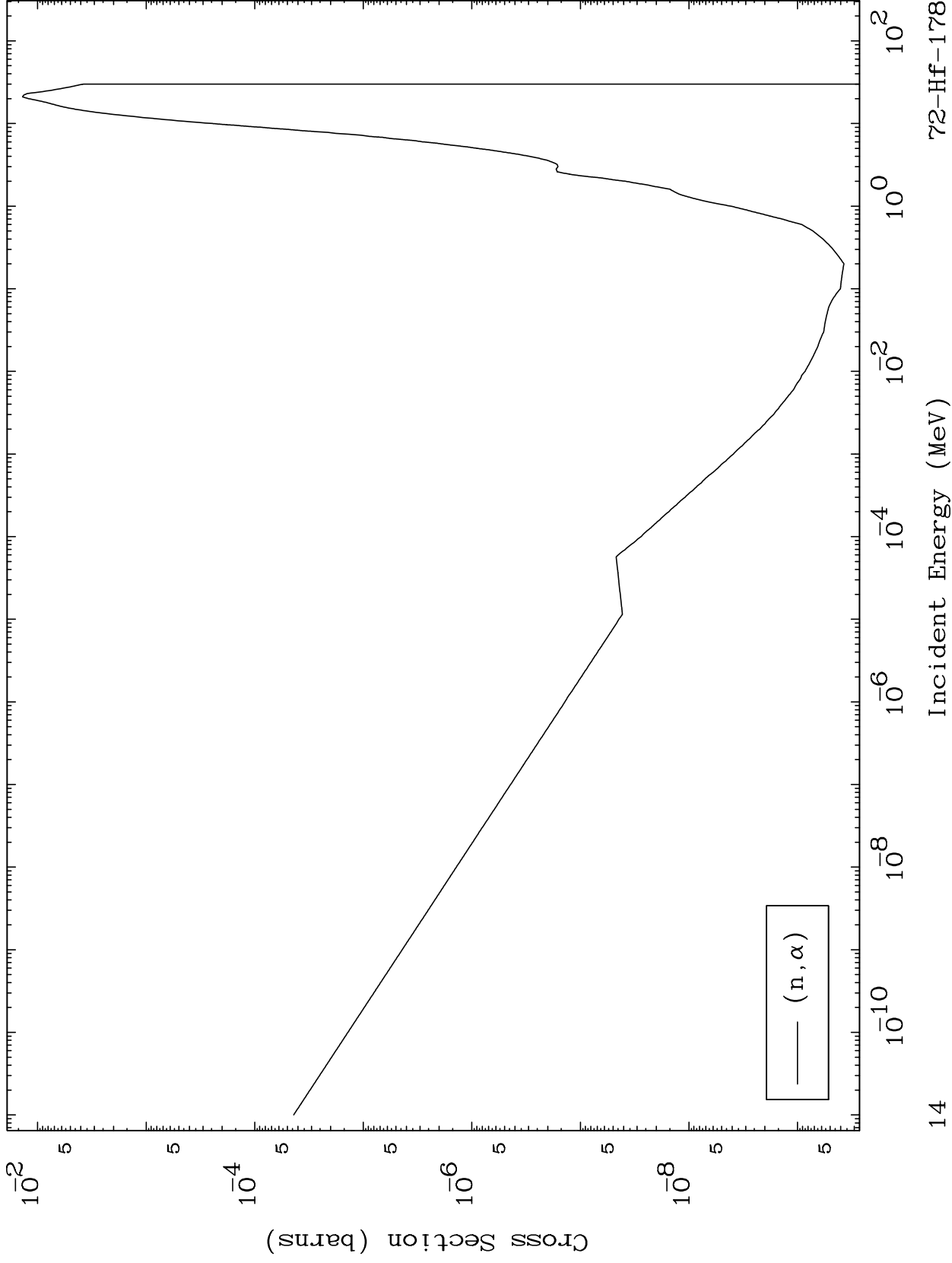
Incident Energy (MeV)

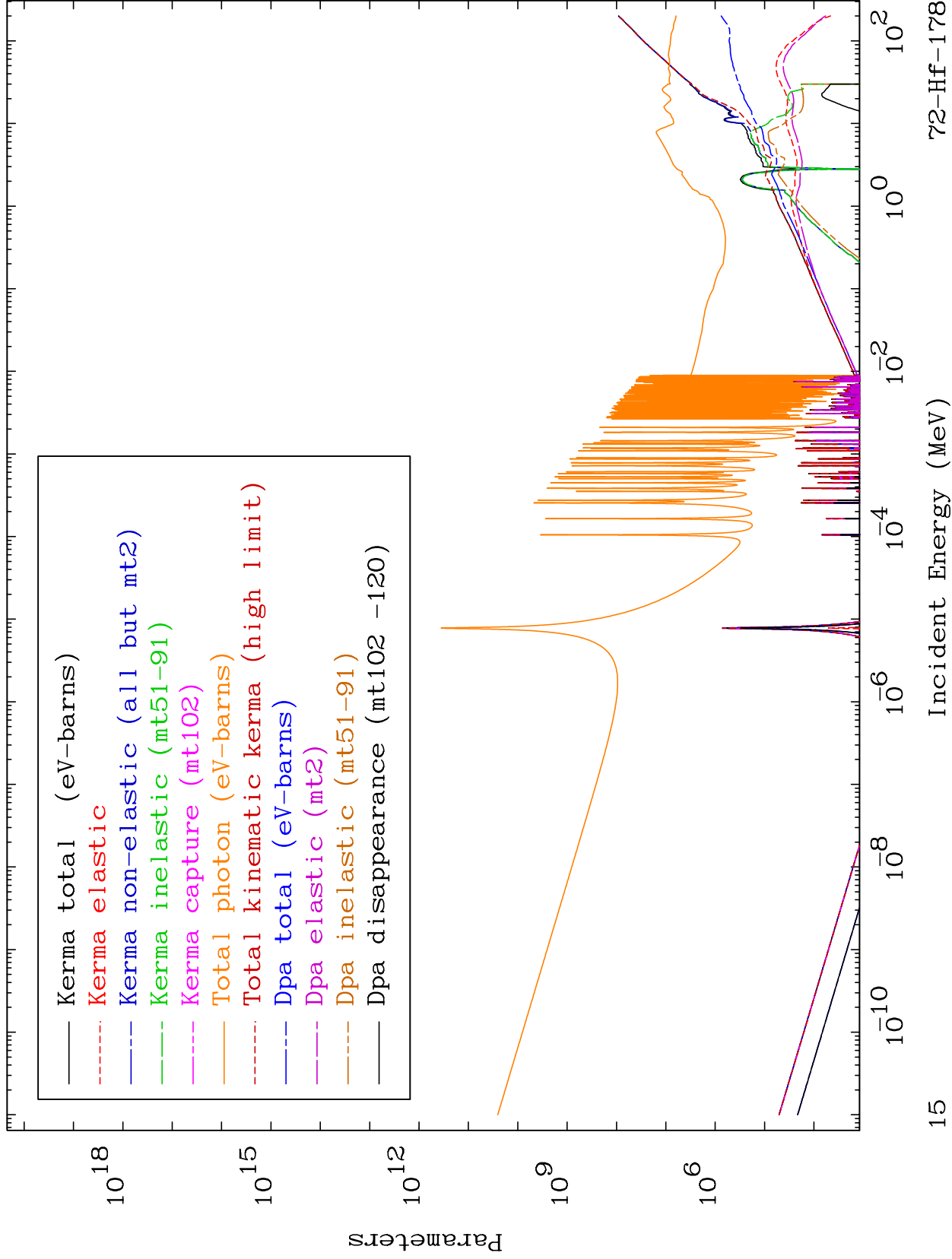
72-Hf-178

MAT 7237

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-178

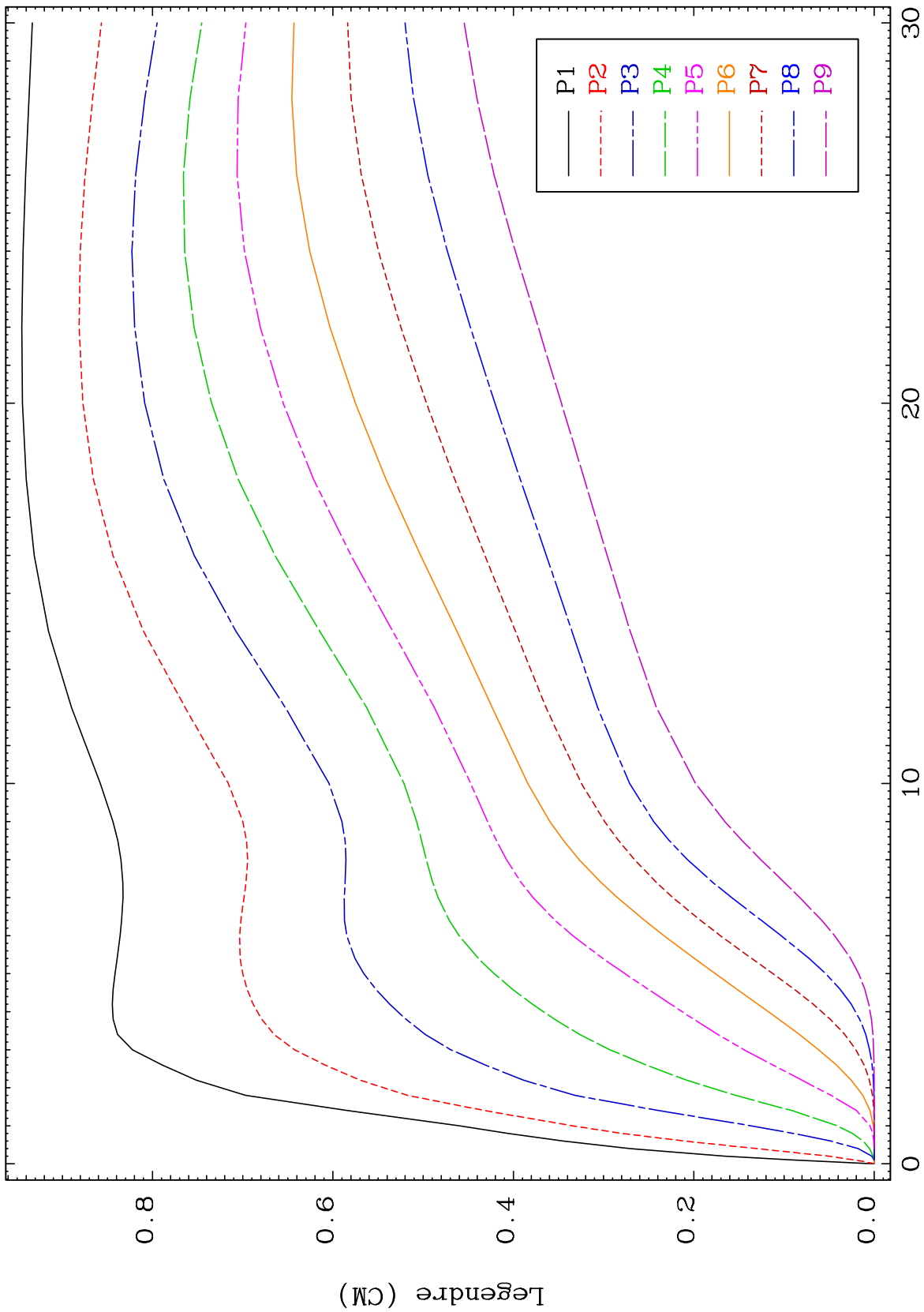




MAT 7237

Elastic Legendre Coefficients

72-Hf-178



16

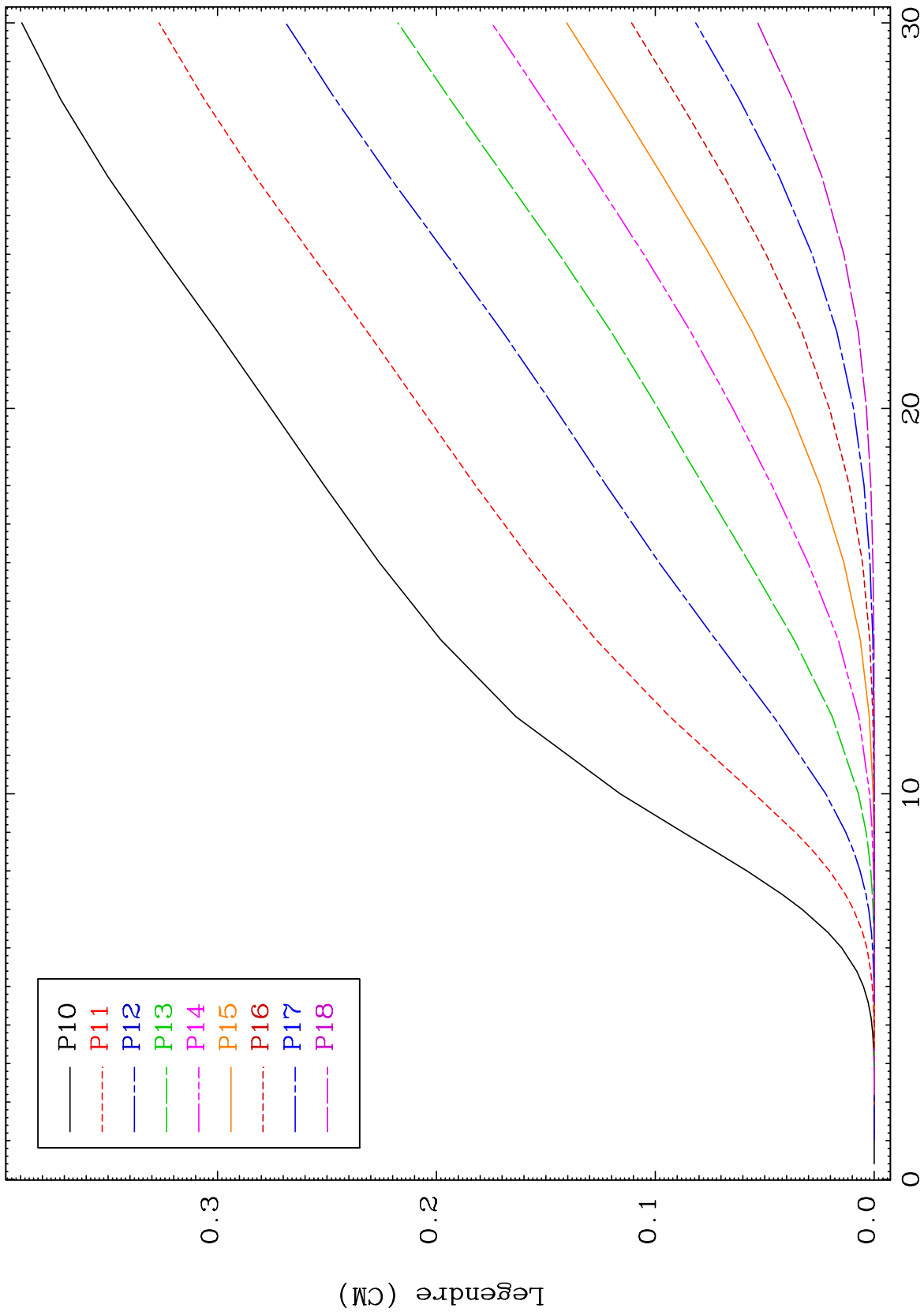
Incident Energy (MeV)

72-Hf-178

MAT 7237

Elastic Legendre Coefficients

72-Hf-178



17

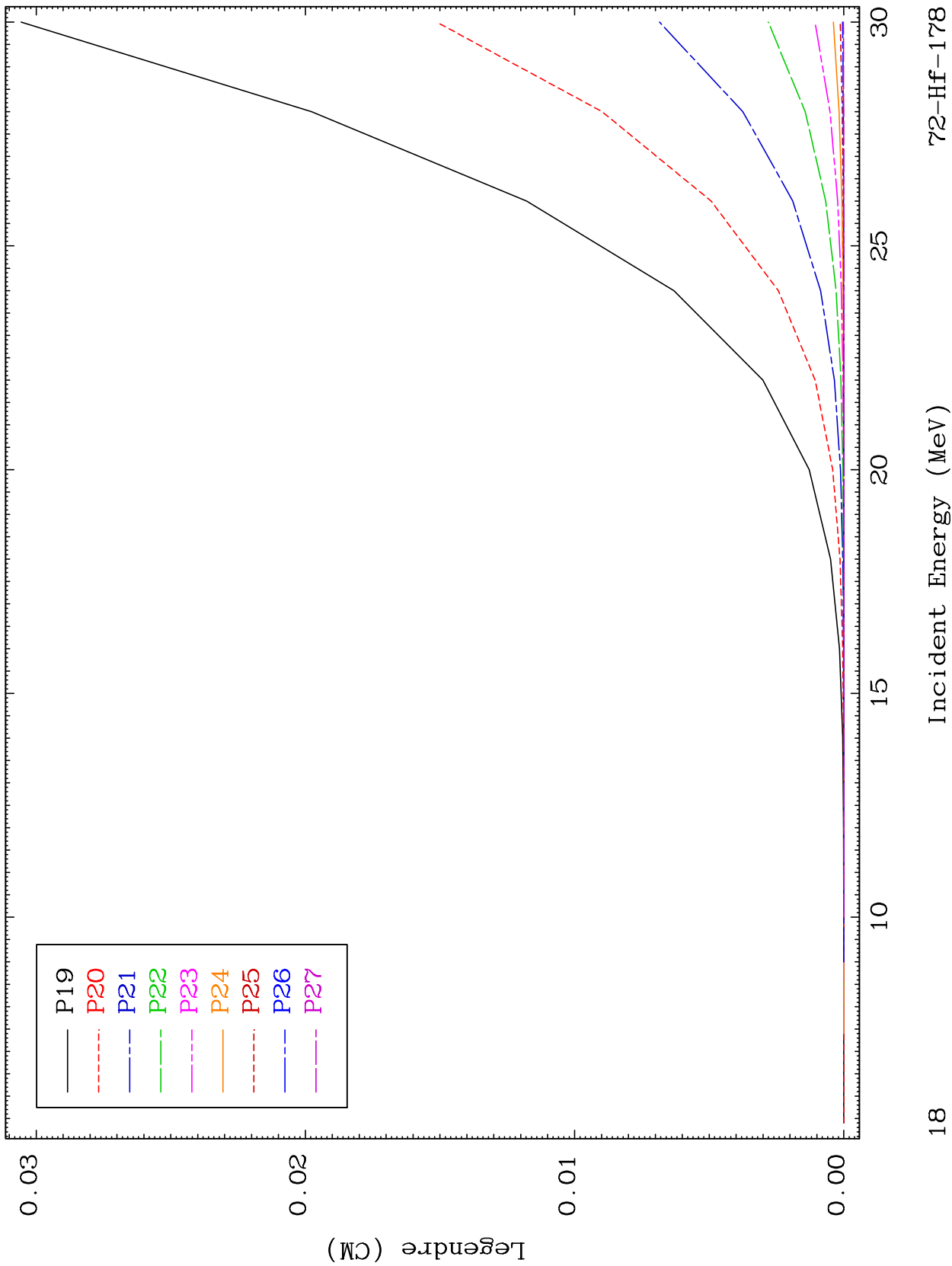
Incident Energy (MeV)

72-Hf-178

MAT 7237

Elastic Legendre Coefficients

72-Hf-178



18

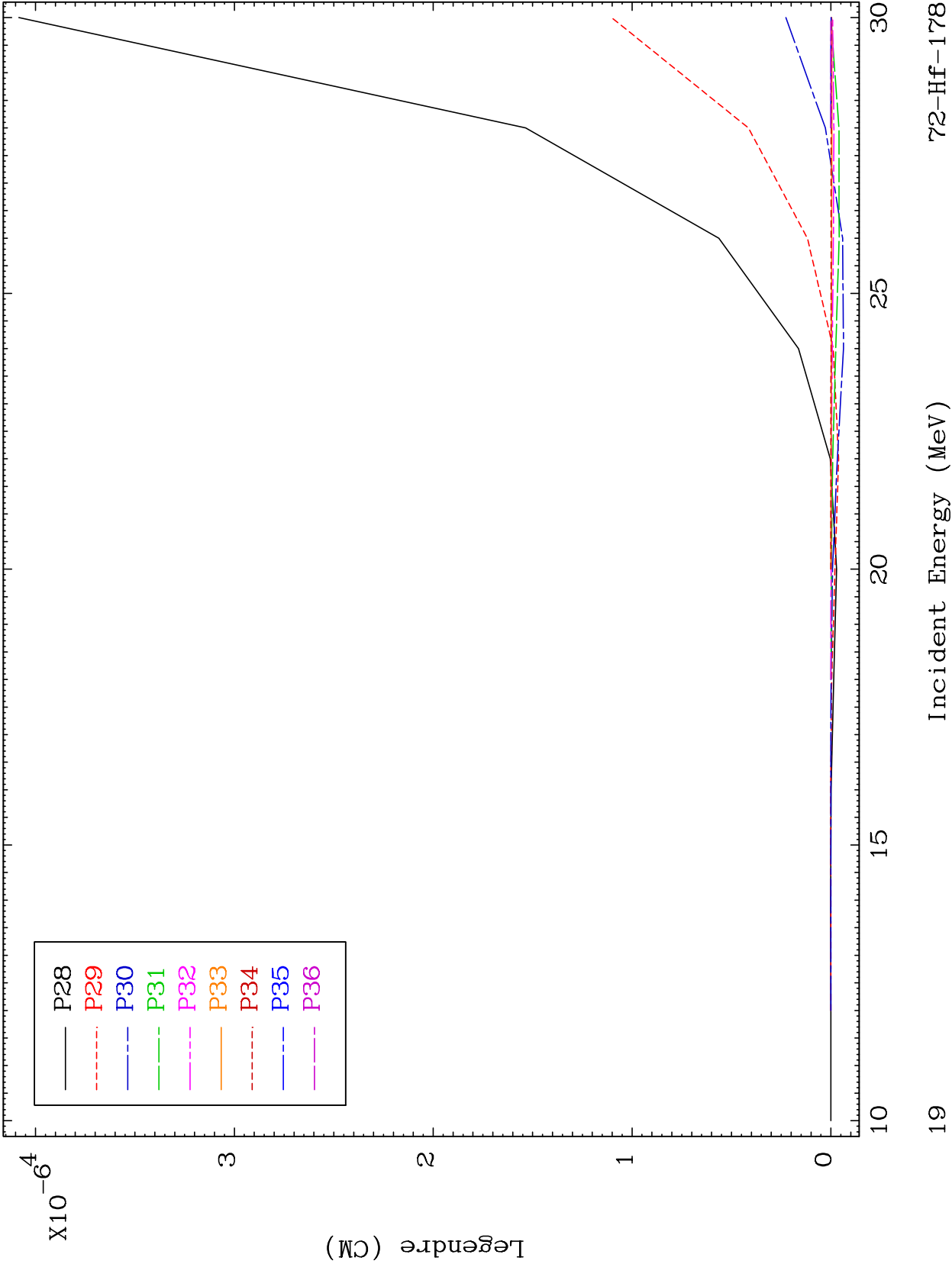
Incident Energy (MeV)

72-Hf-178

MAT 7237

Elastic Legendre Coefficients

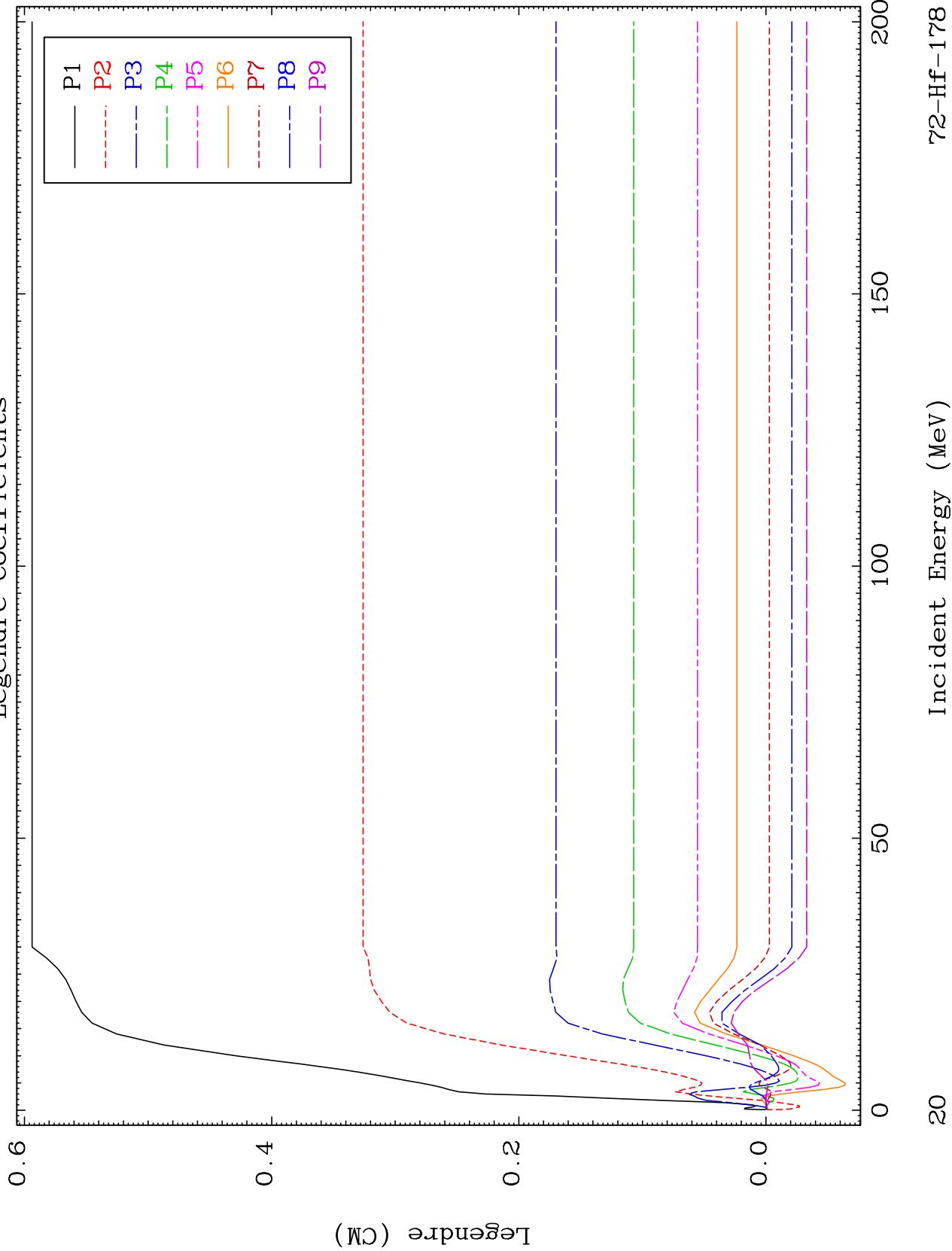
72-Hf-178



MAT 7237

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

72-Hf-178



72-Hf-178

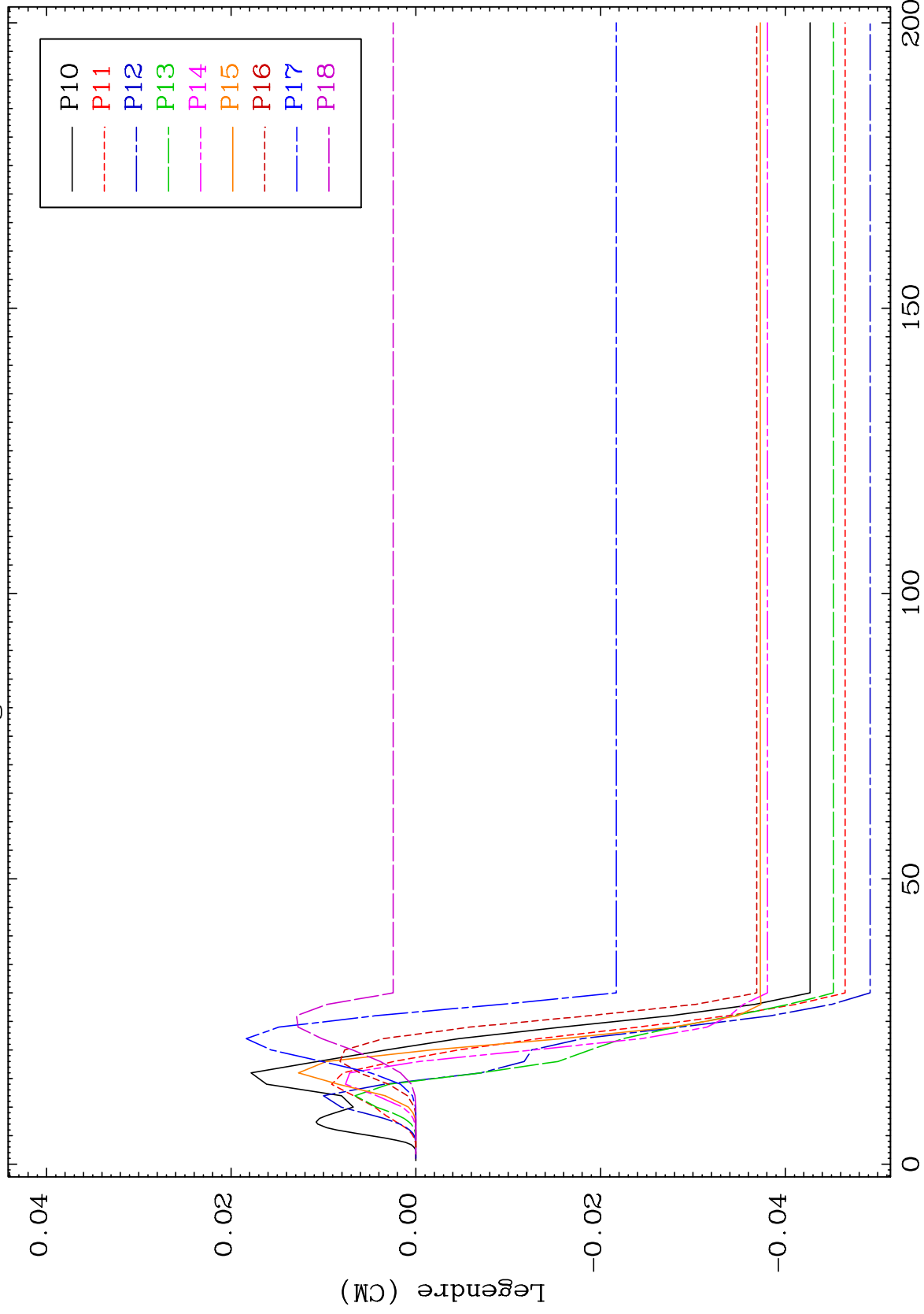
Incident Energy (MeV)

20

MAT 7237

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

72-Hf-178



21

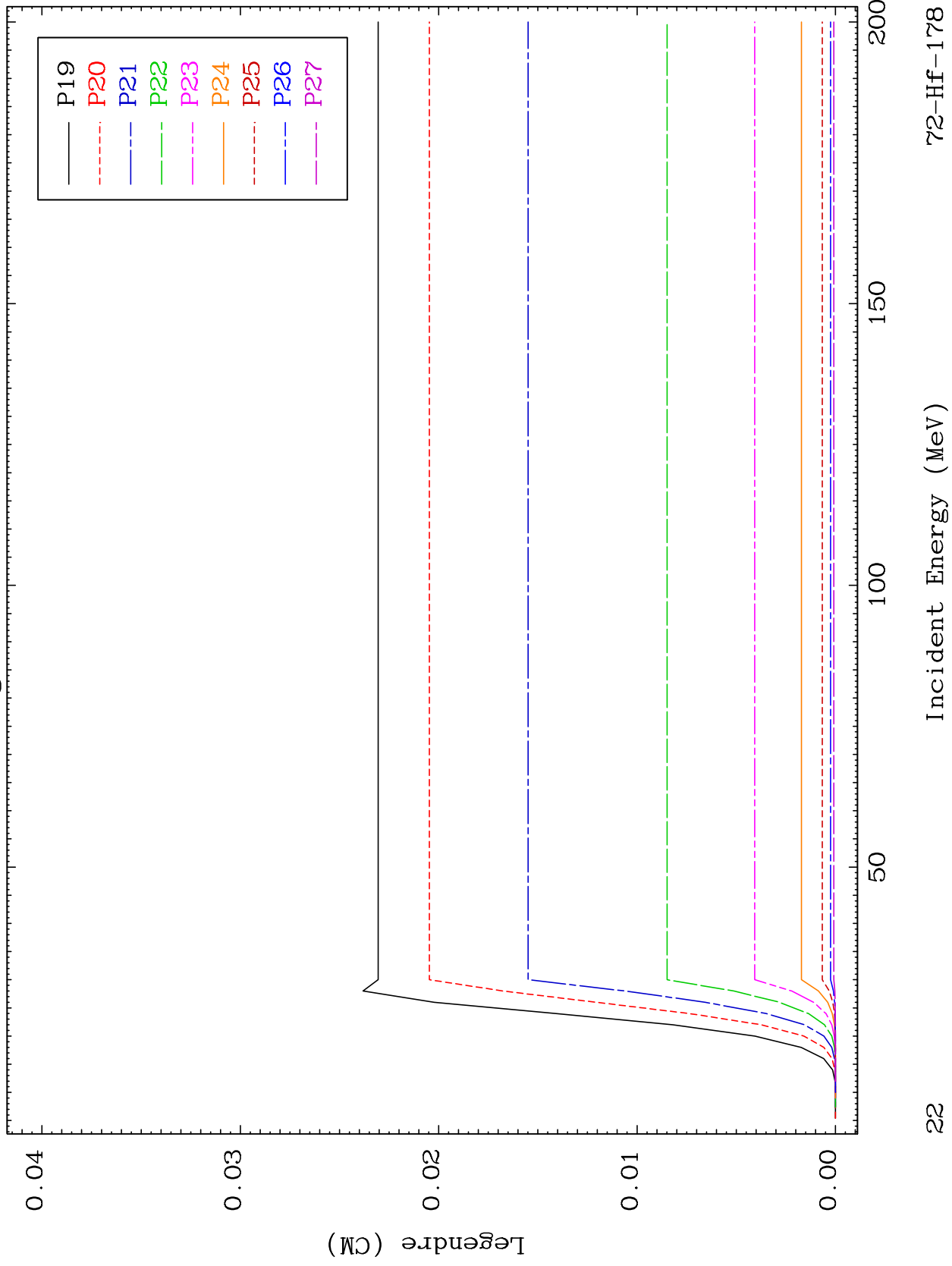
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



22

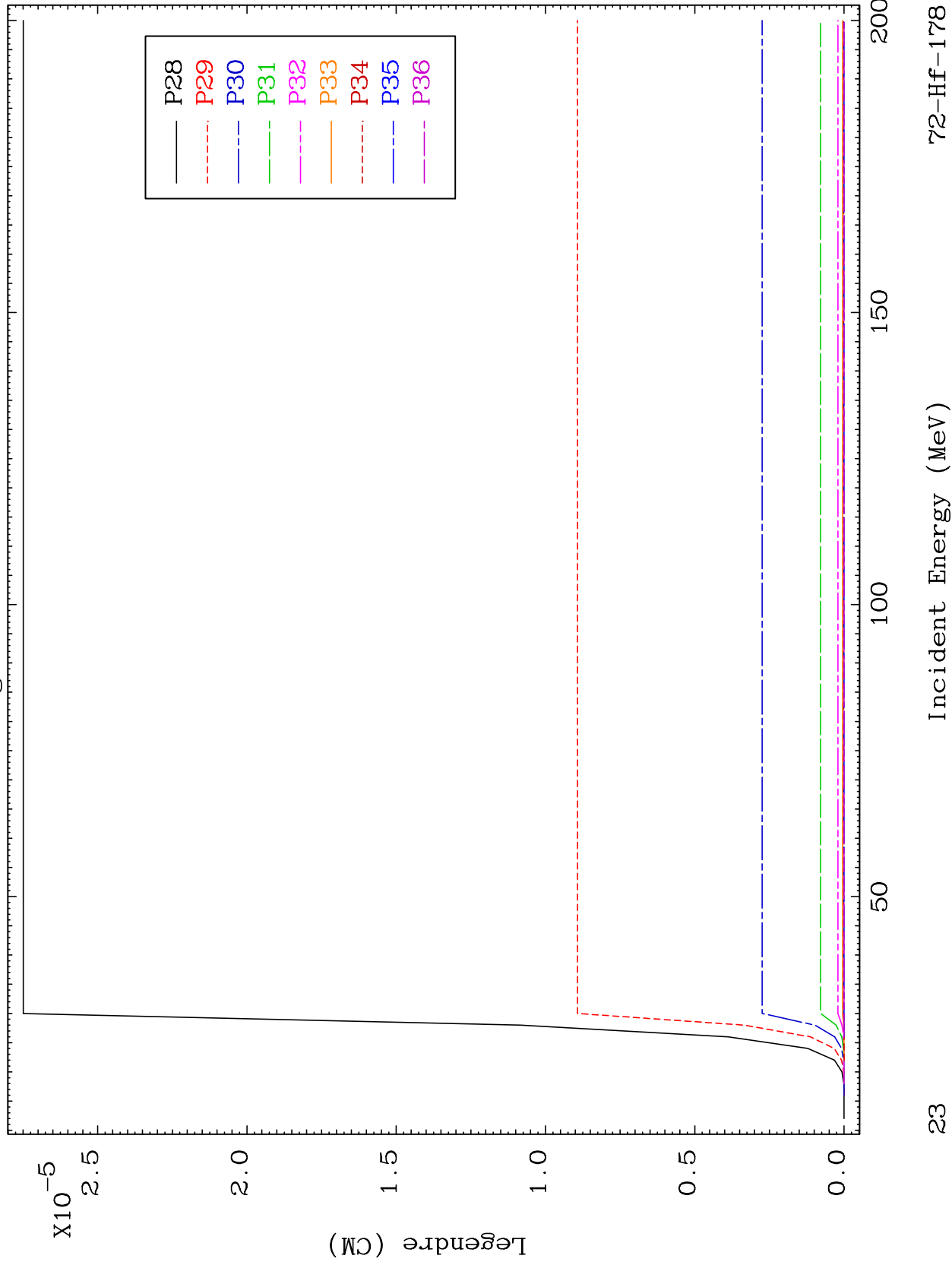
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

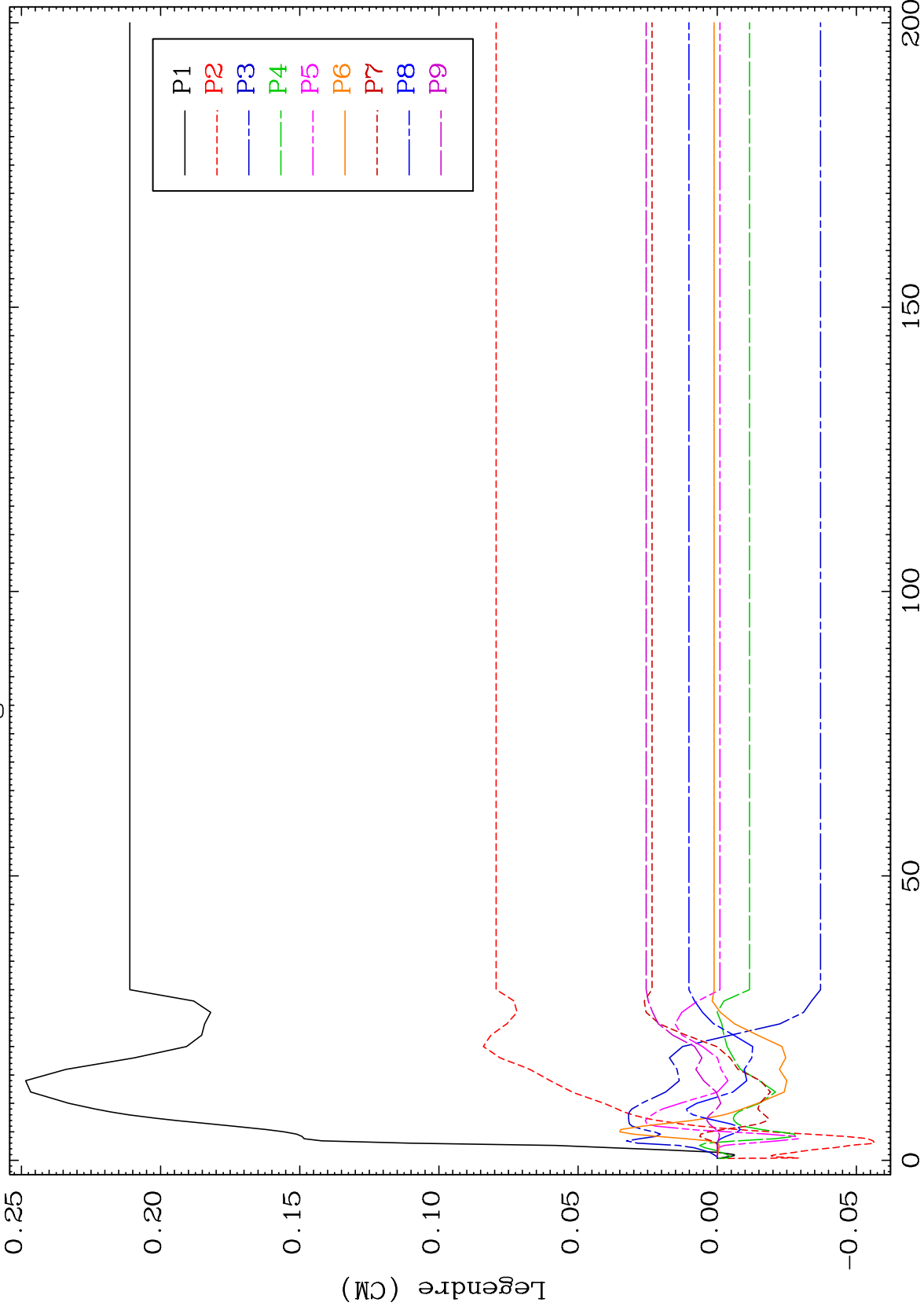
72-Hf-178



MAT 7237

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

72-Hf-178



24

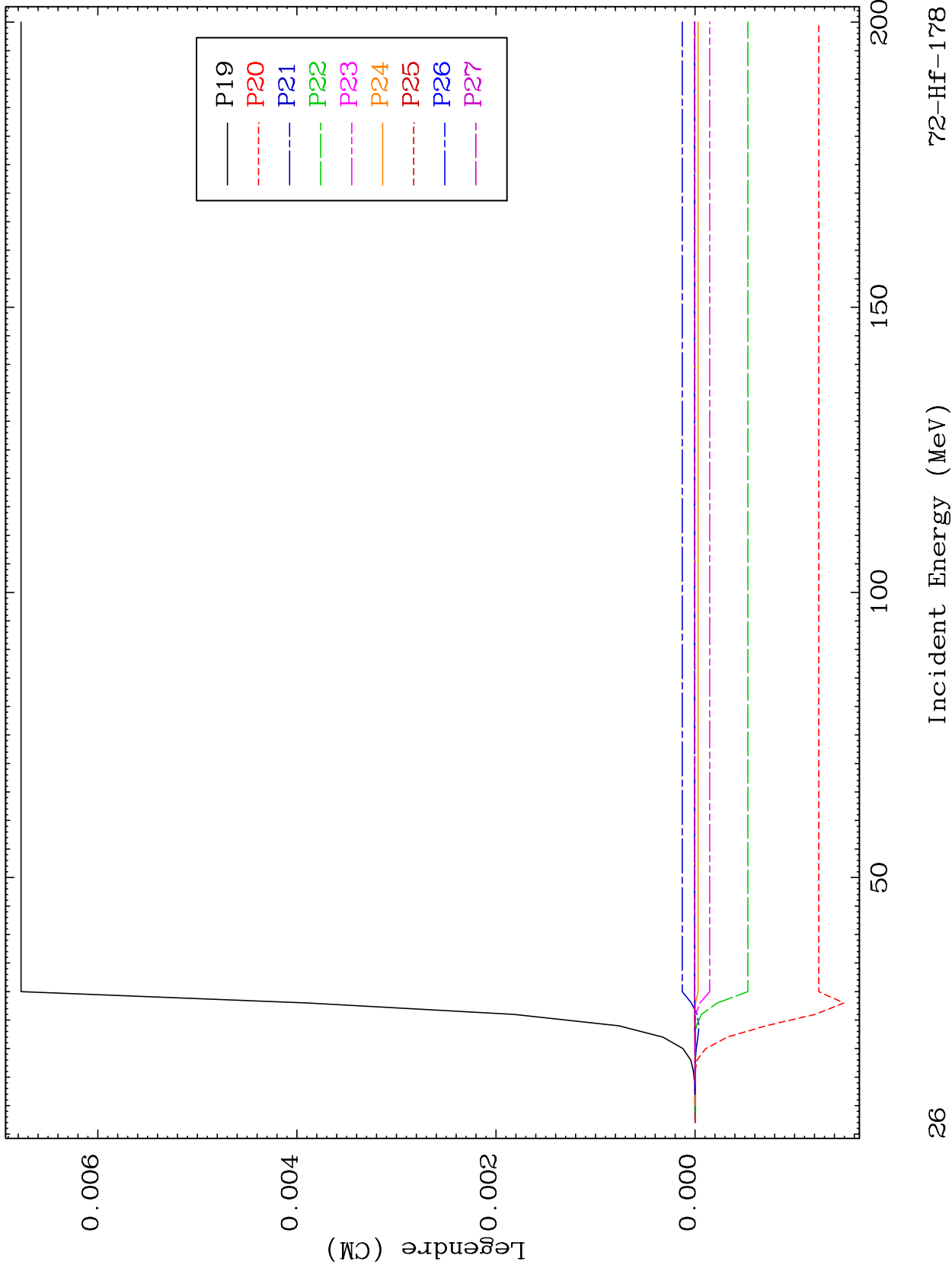
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



26

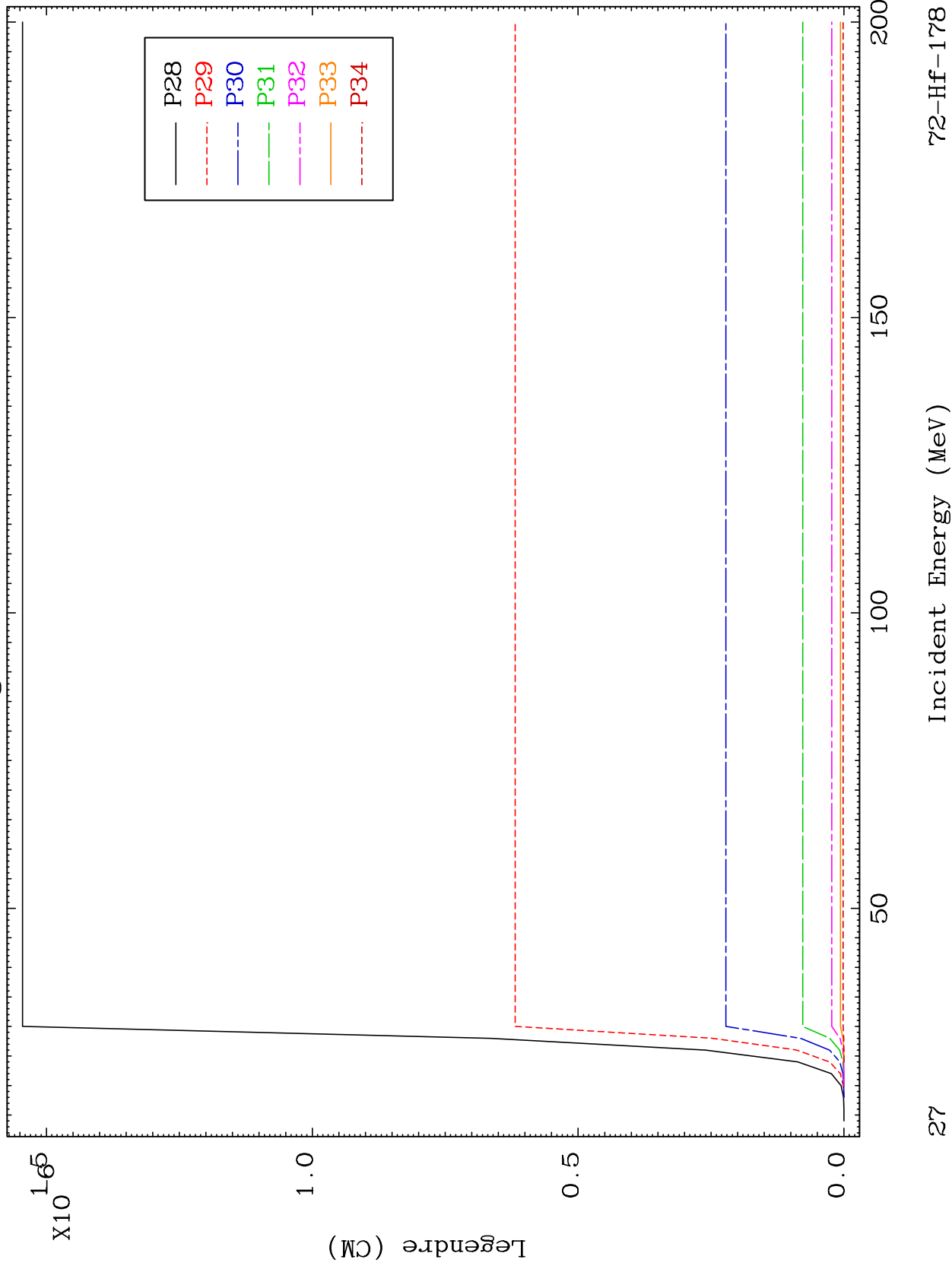
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



27

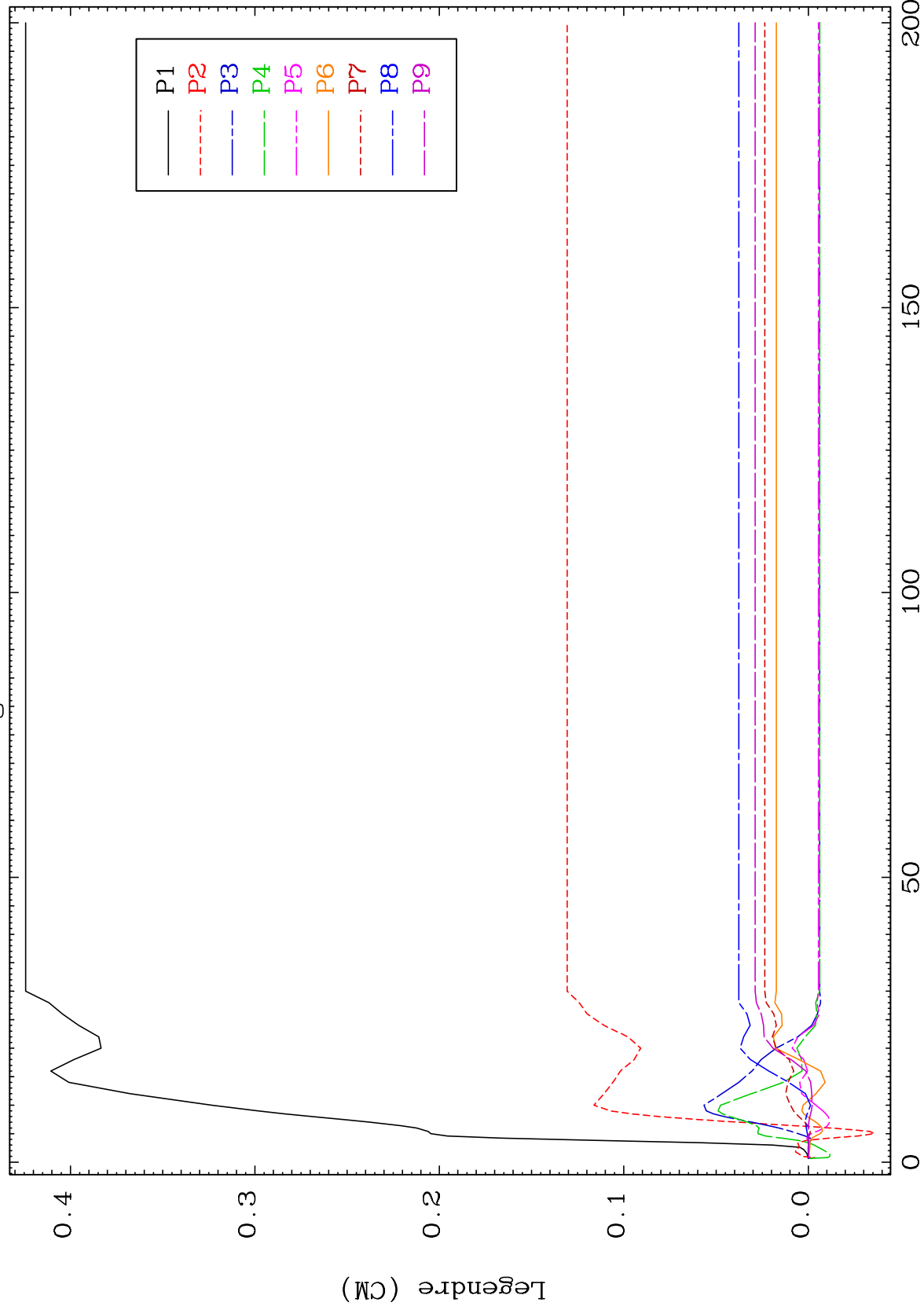
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



72-Hf-178

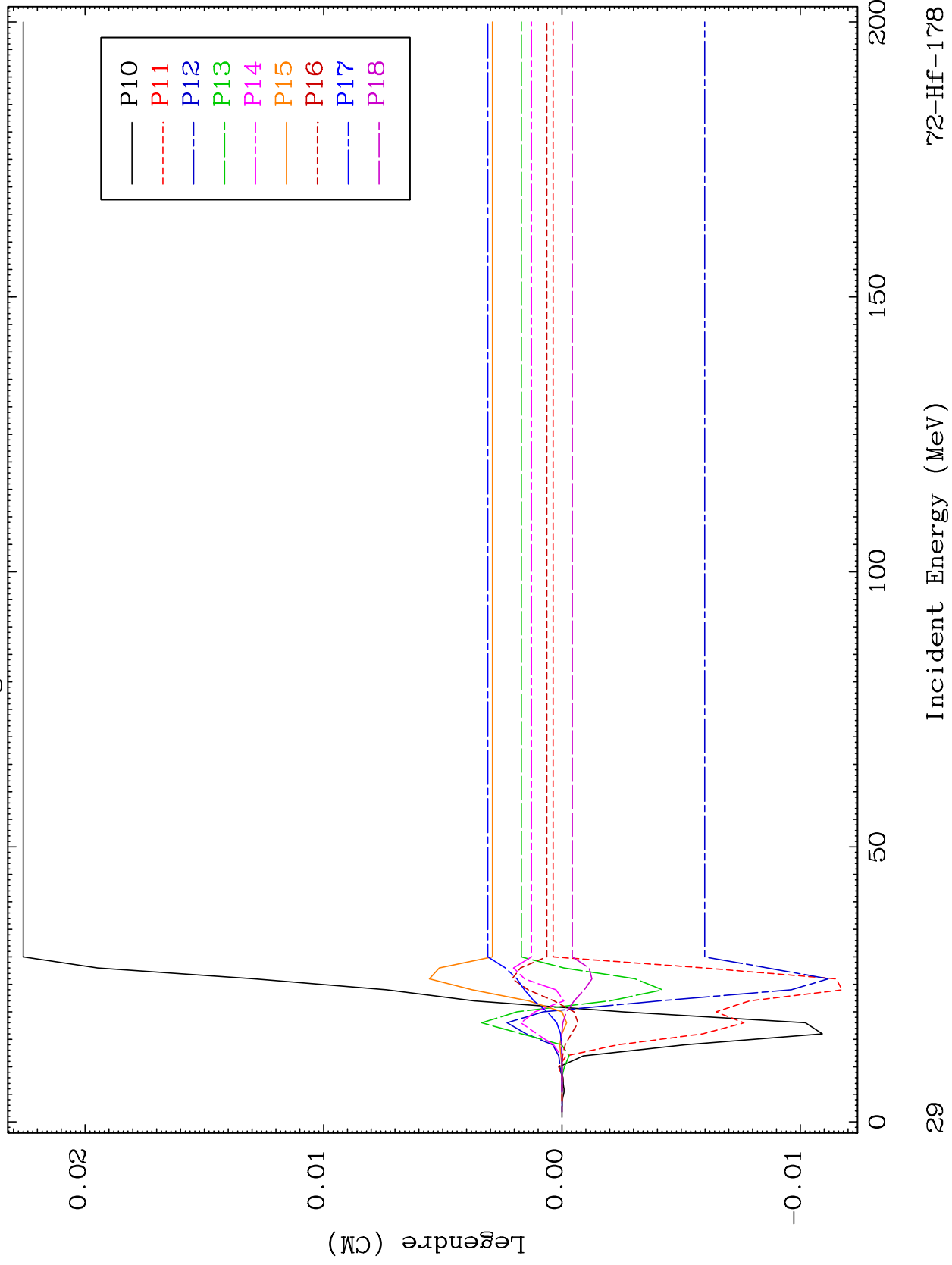
Incident Energy (MeV)

28

MAT 7237

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

72-Hf-178



72-Hf-178

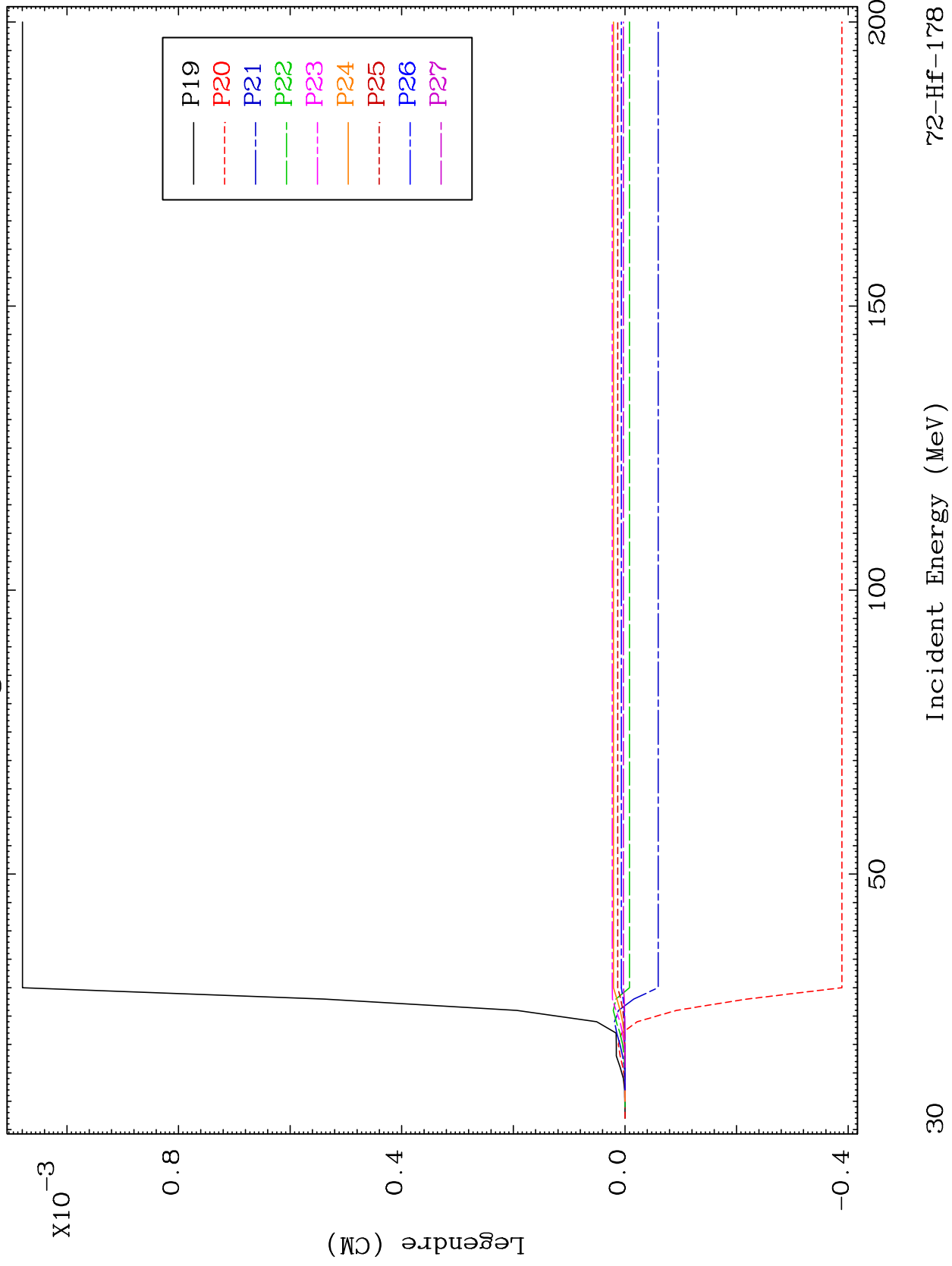
Incident Energy (MeV)

29

MAT 7237

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

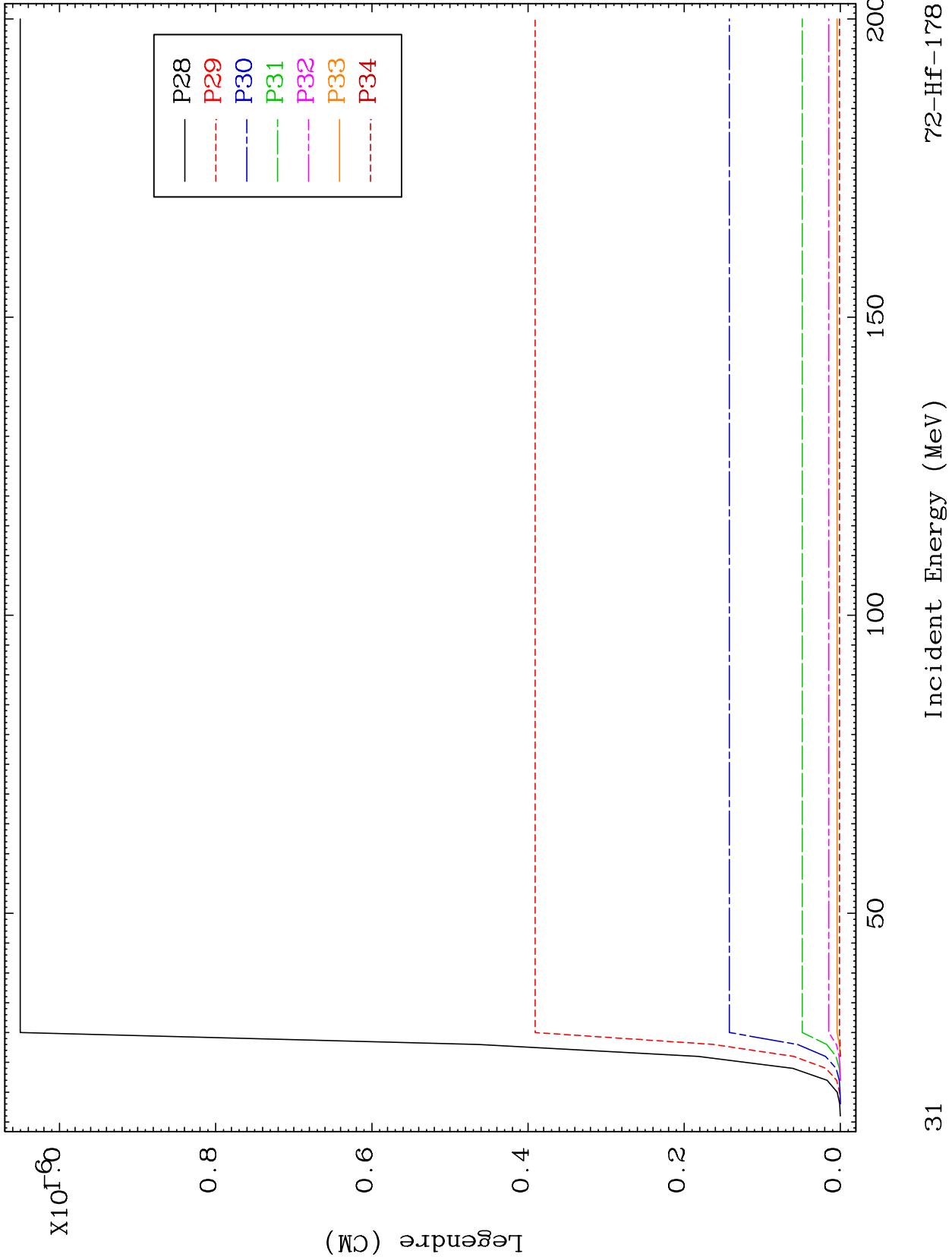
72-Hf-178



72-Hf-178

Incident Energy (MeV)

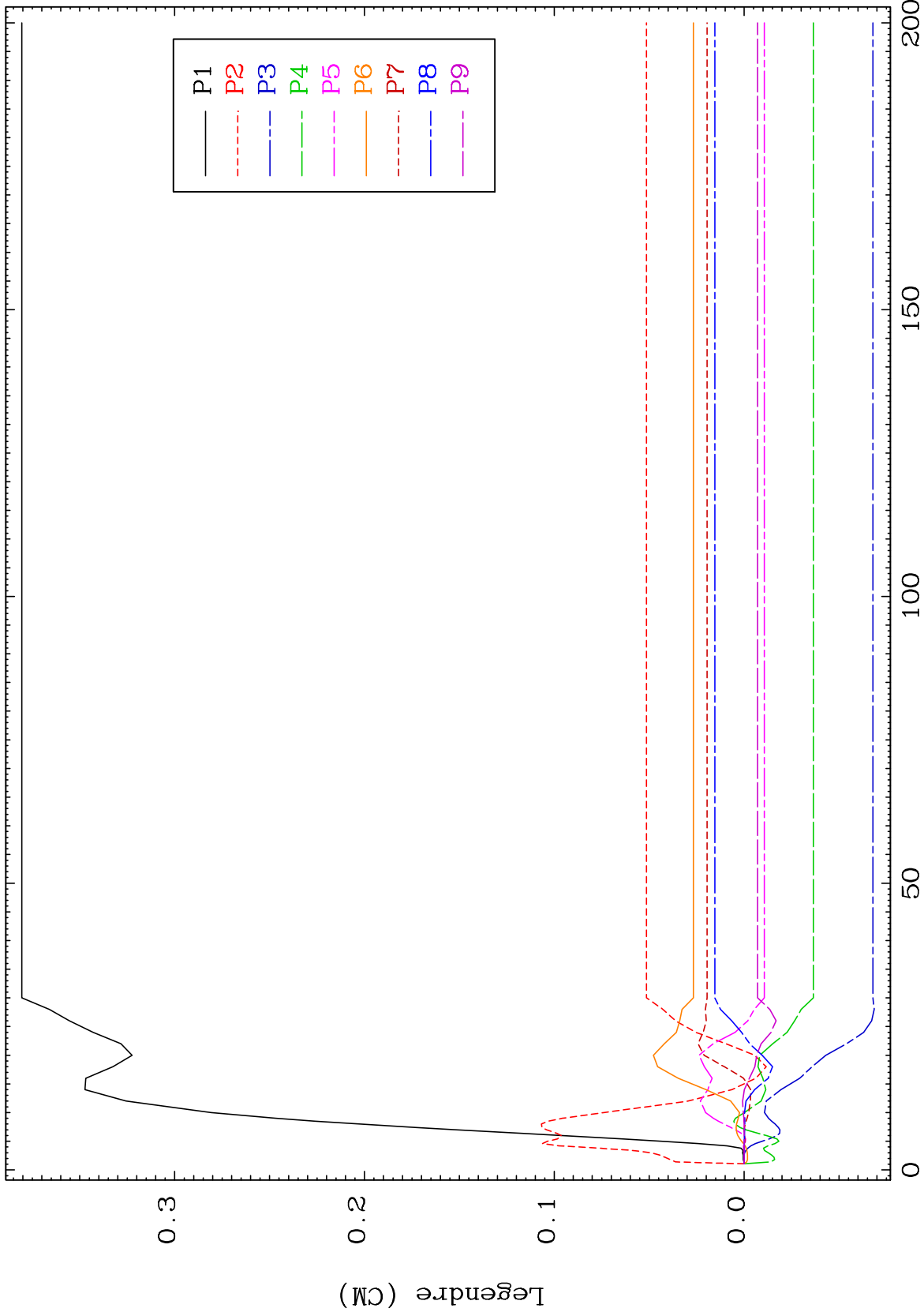
30



MAT 7237

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

72-Hf-178



32

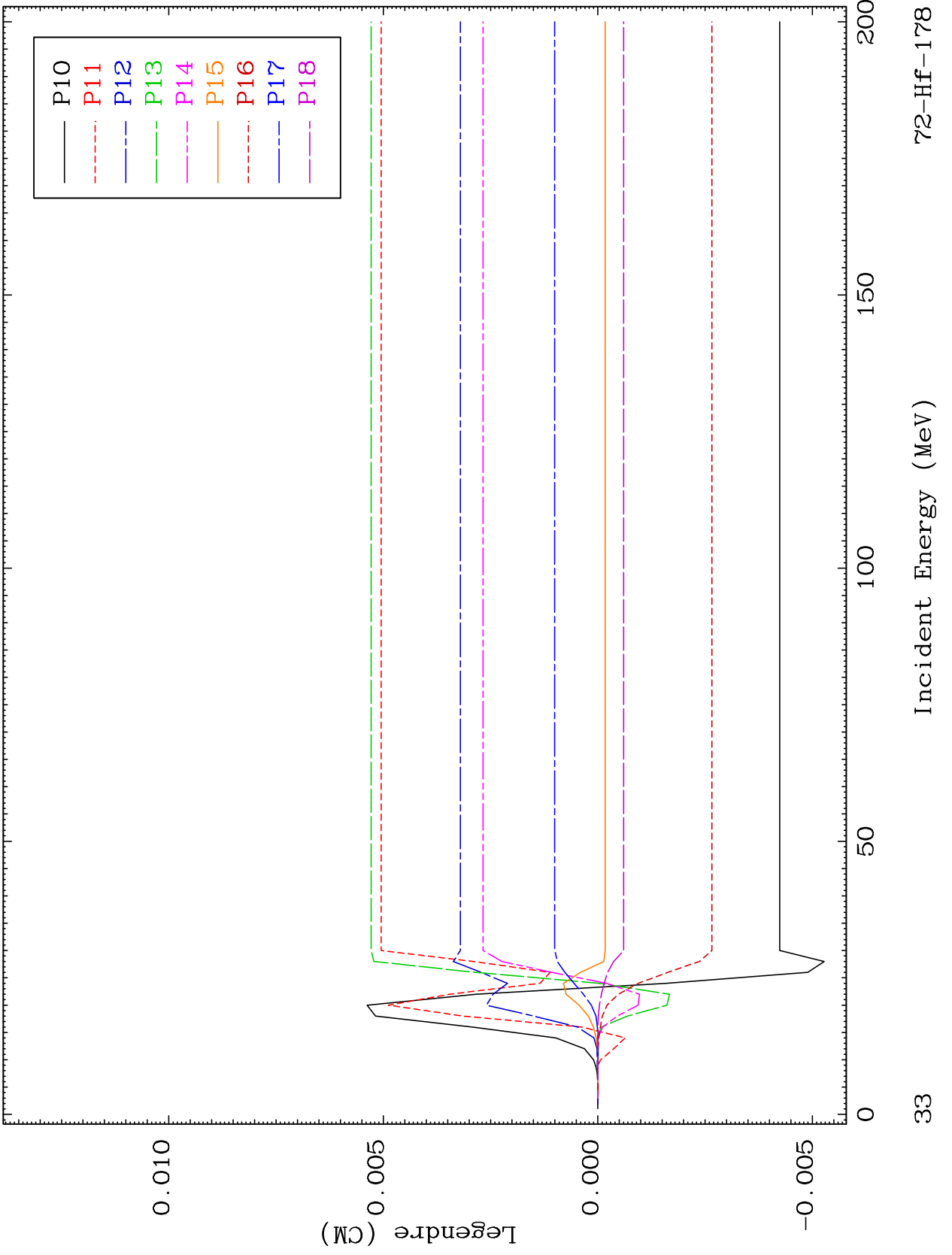
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



33

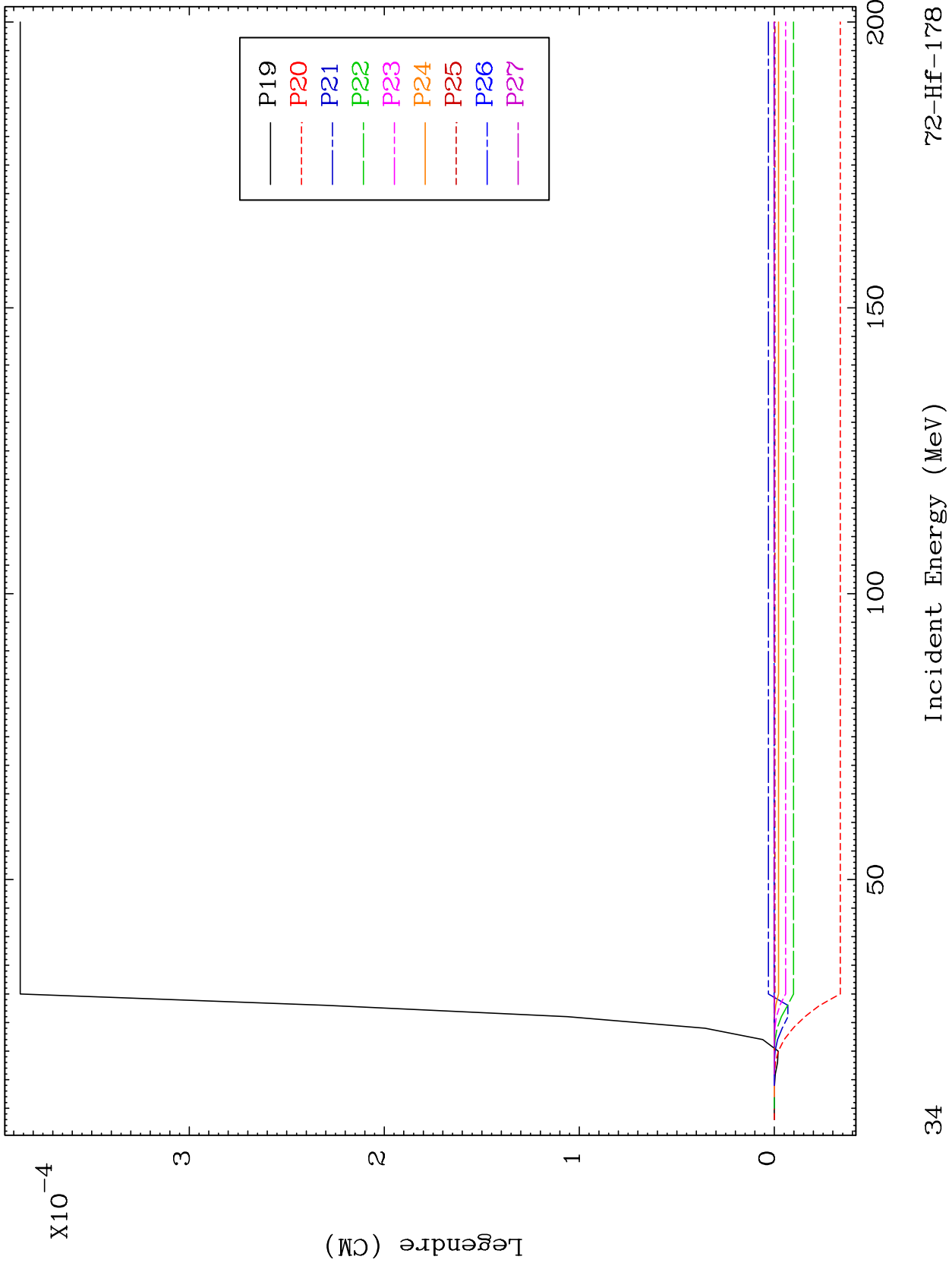
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

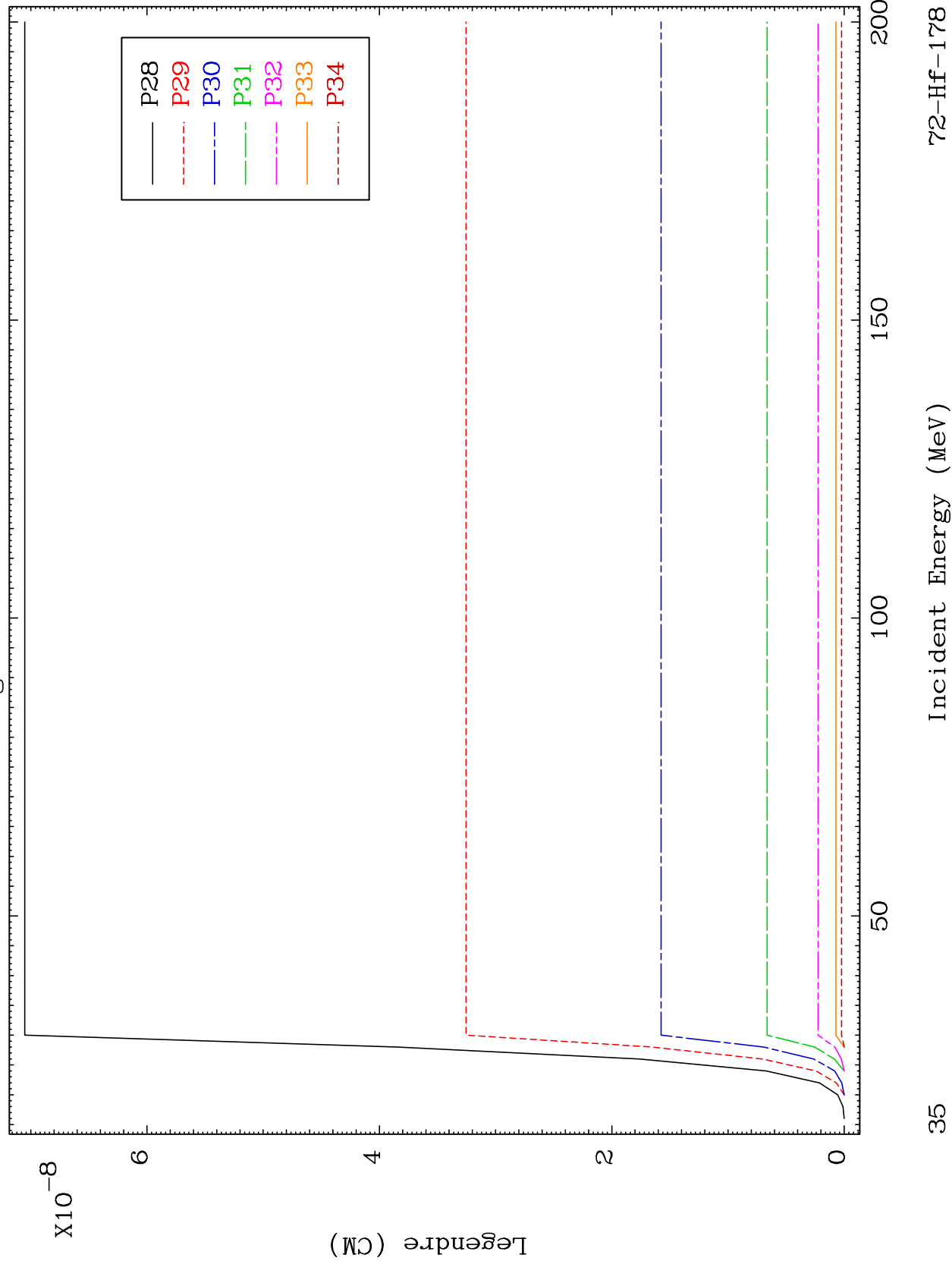
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MAT 7237

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

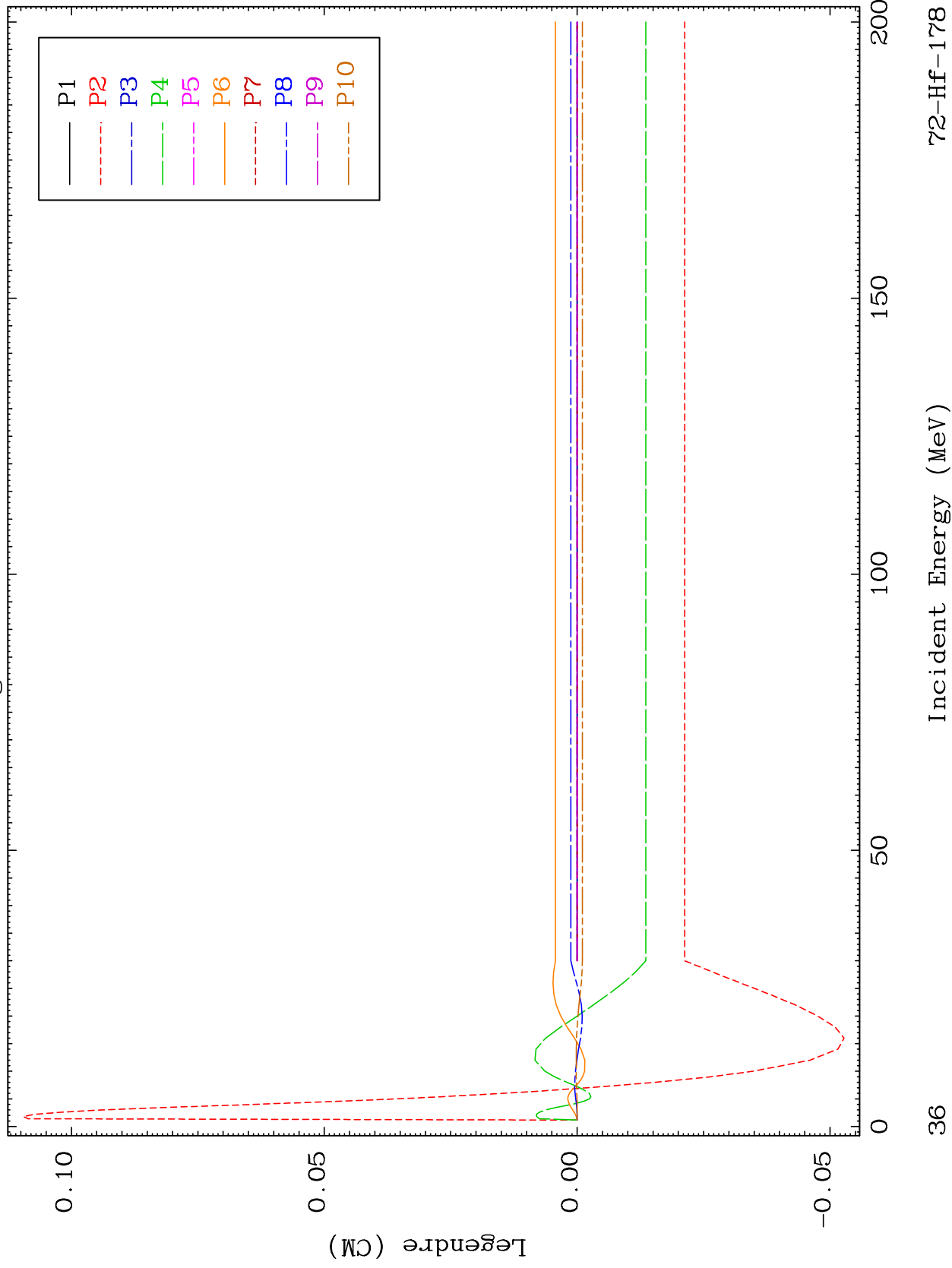
72-Hf-178



MAT 7237

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

72-Hf-178



72-Hf-178

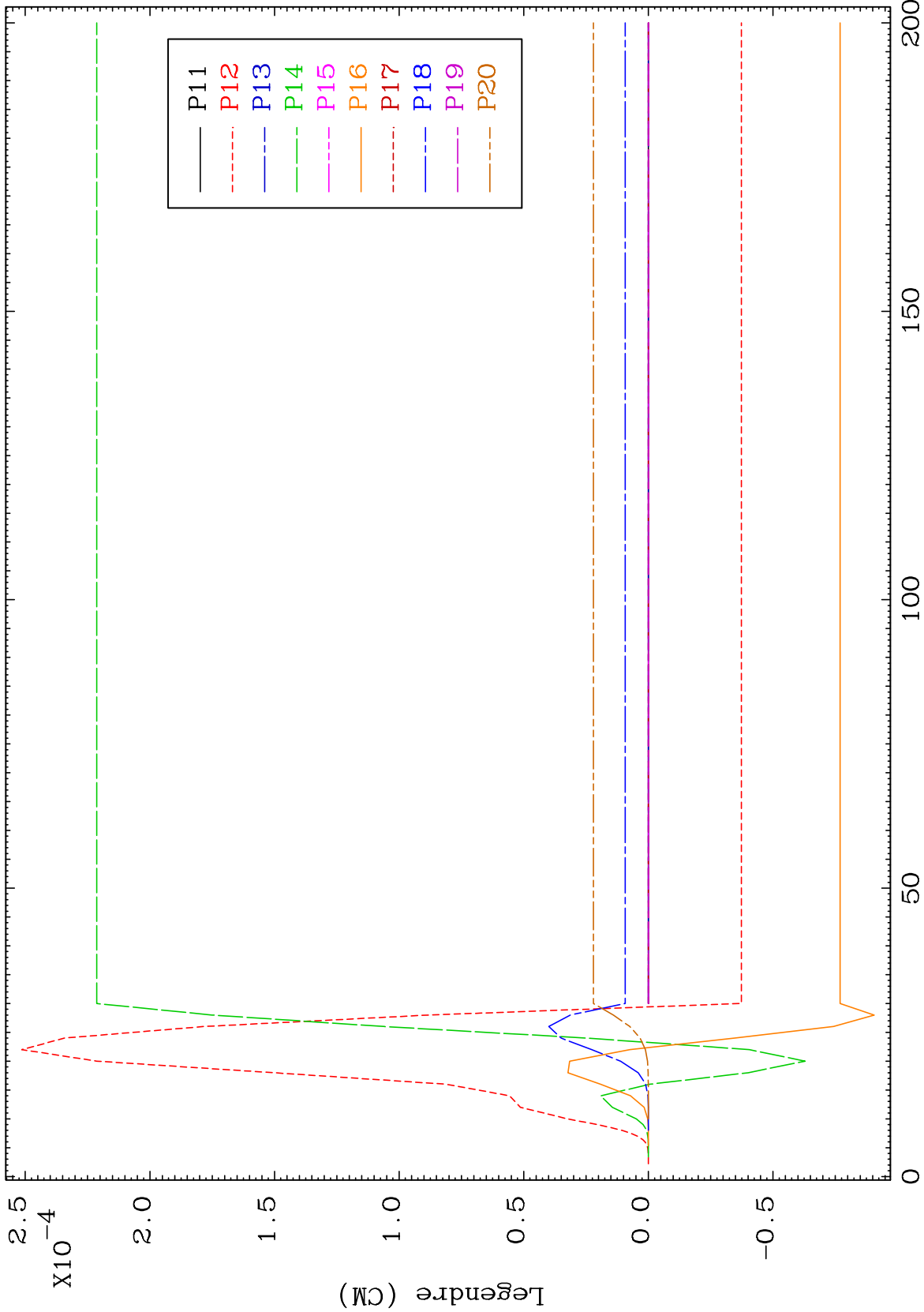
Incident Energy (MeV)

36

MAT 7237

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

72-Hf-178



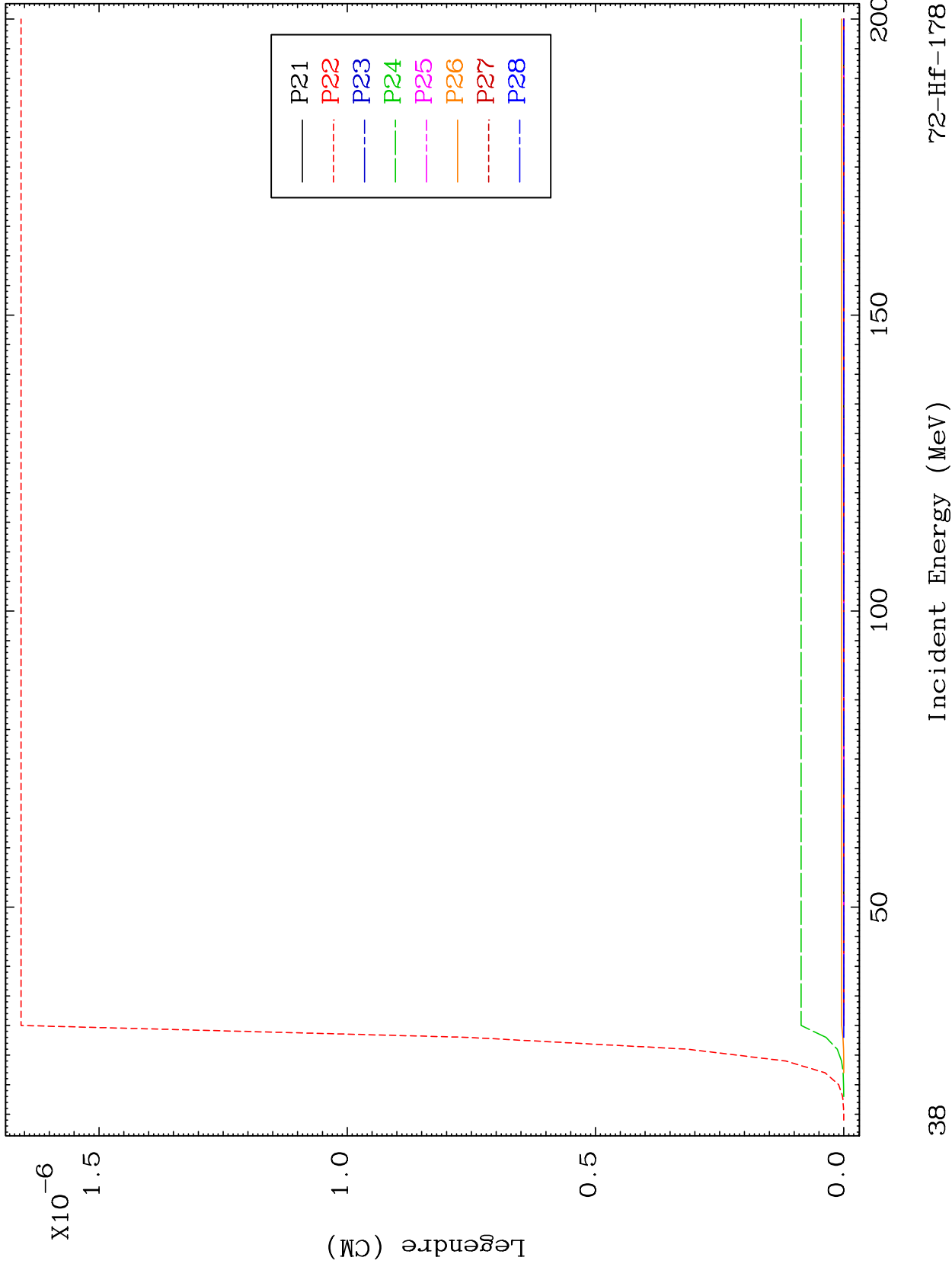
37

72-Hf-178

MAT 7237

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

72-Hf-178



38

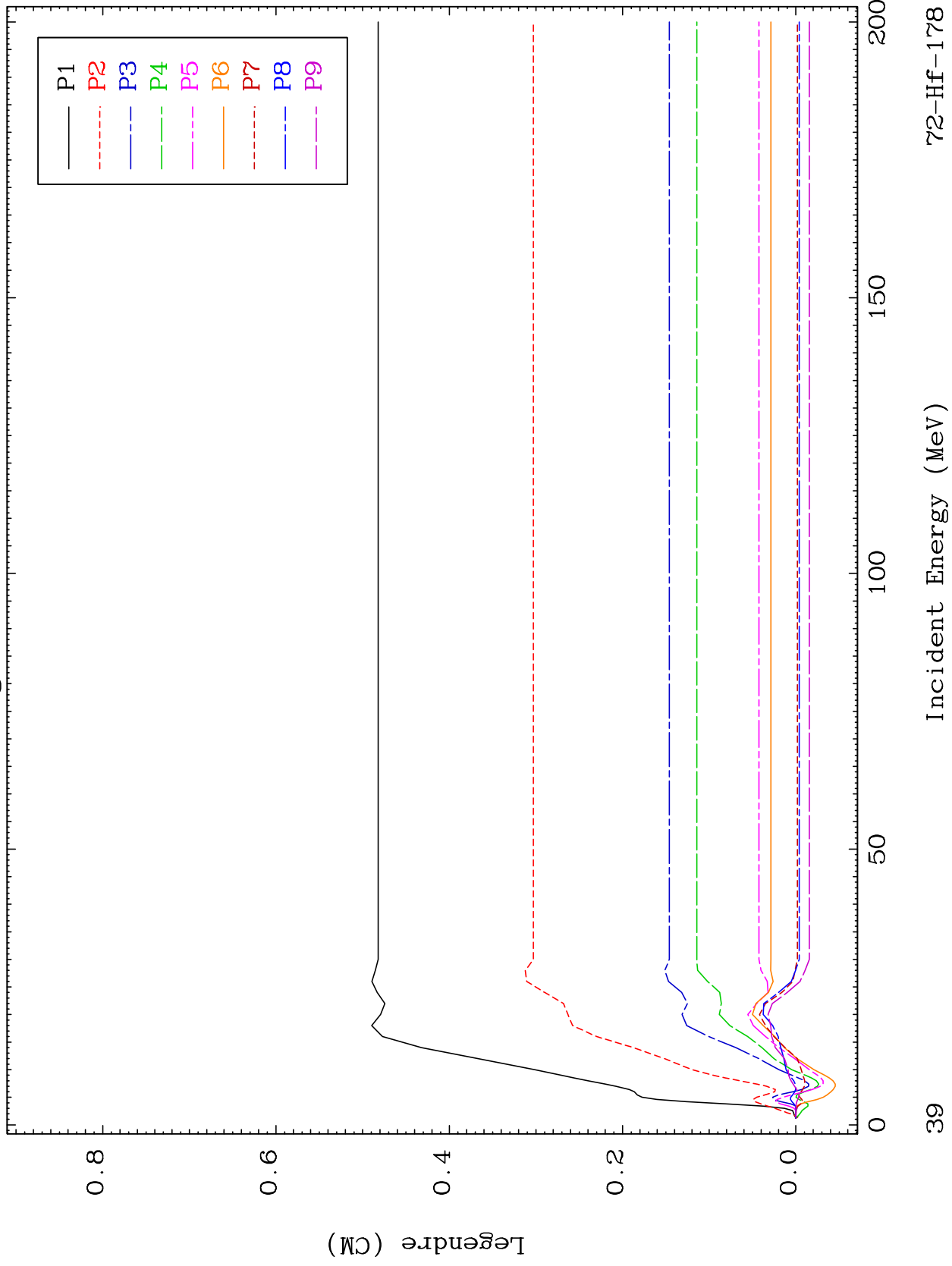
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



72-Hf-178

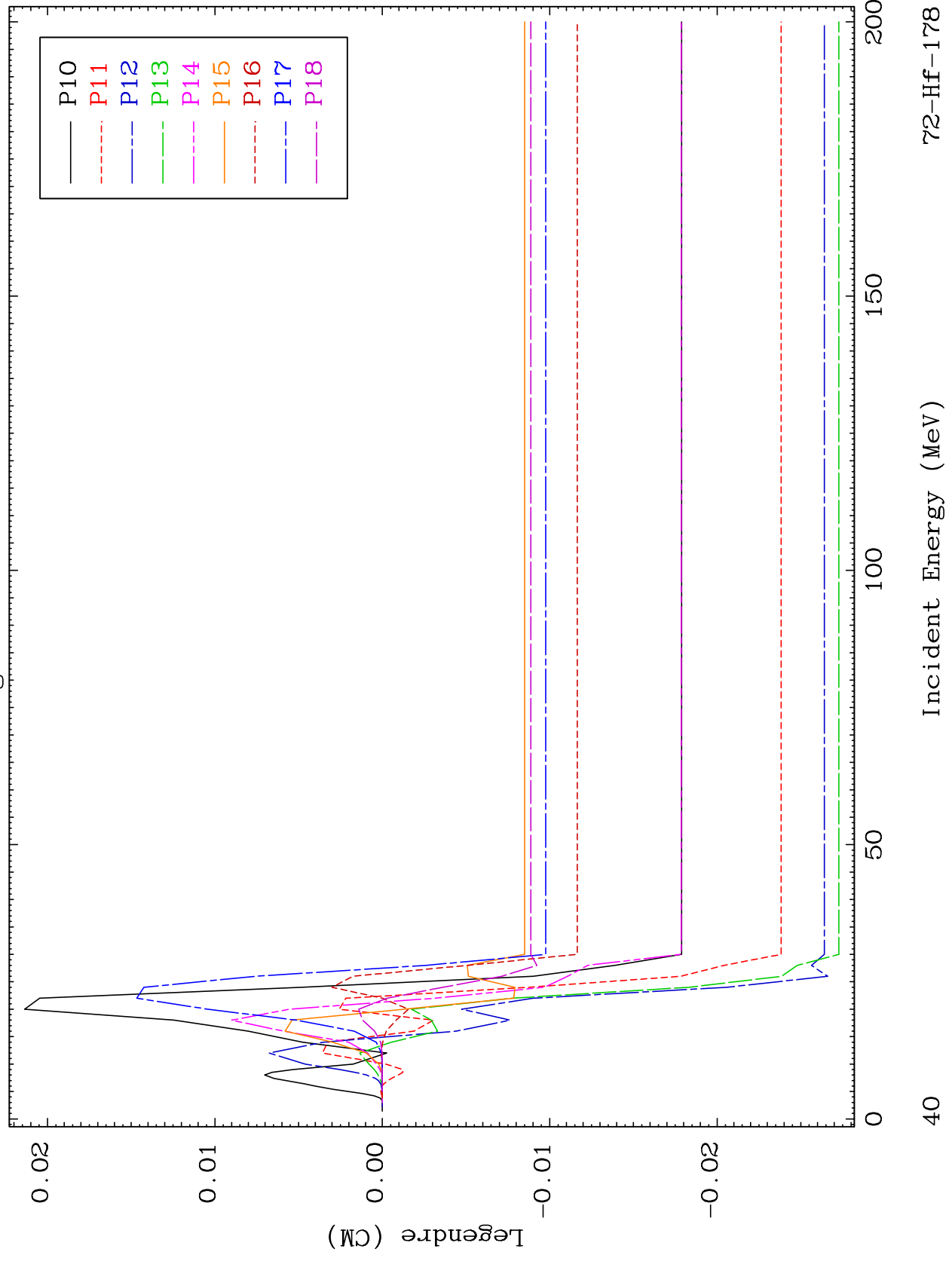
Incident Energy (MeV)

39

MAT 7237

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

72-Hf-178



72-Hf-178

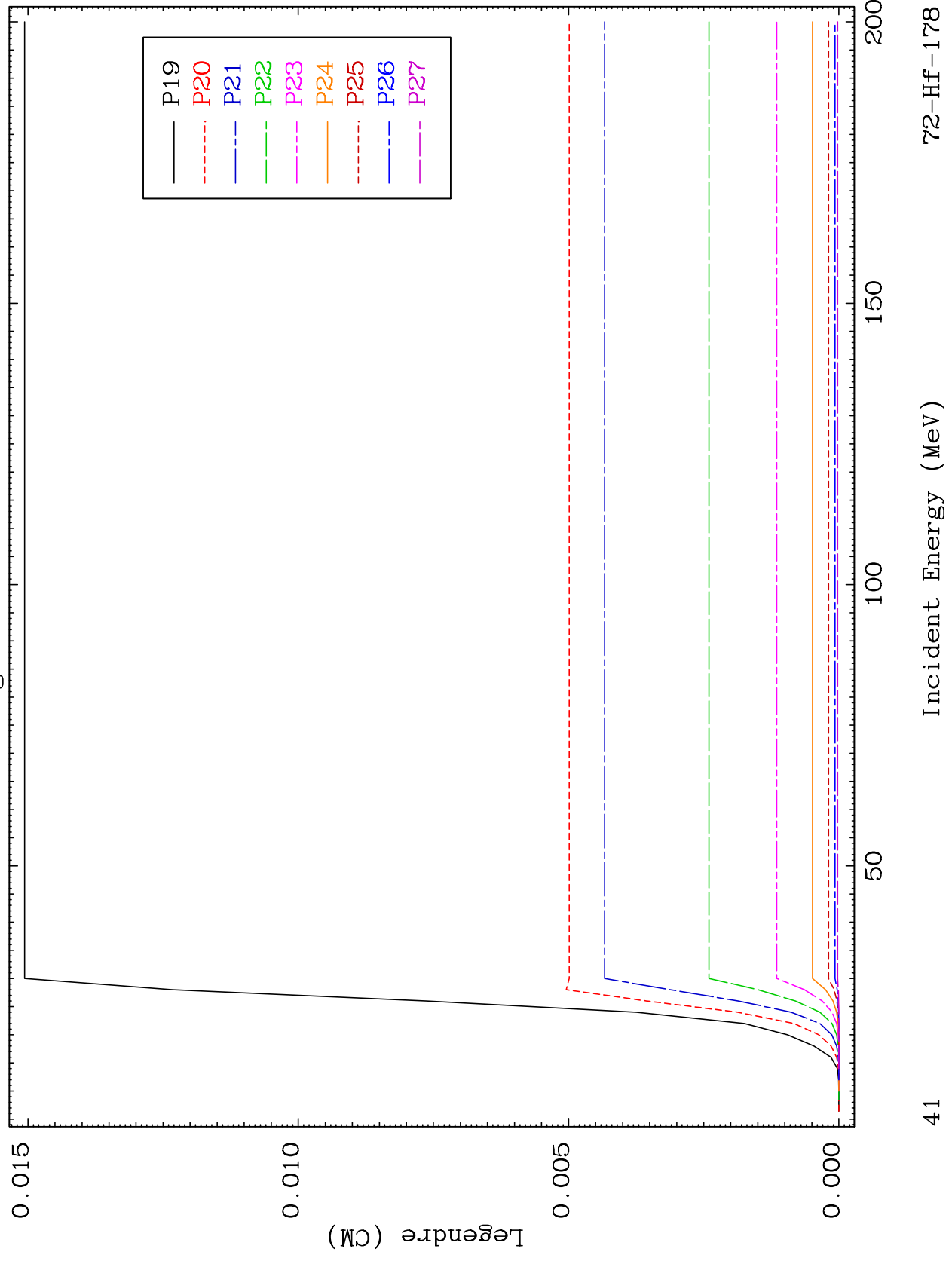
Incident Energy (MeV)

40

MAT 7237

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

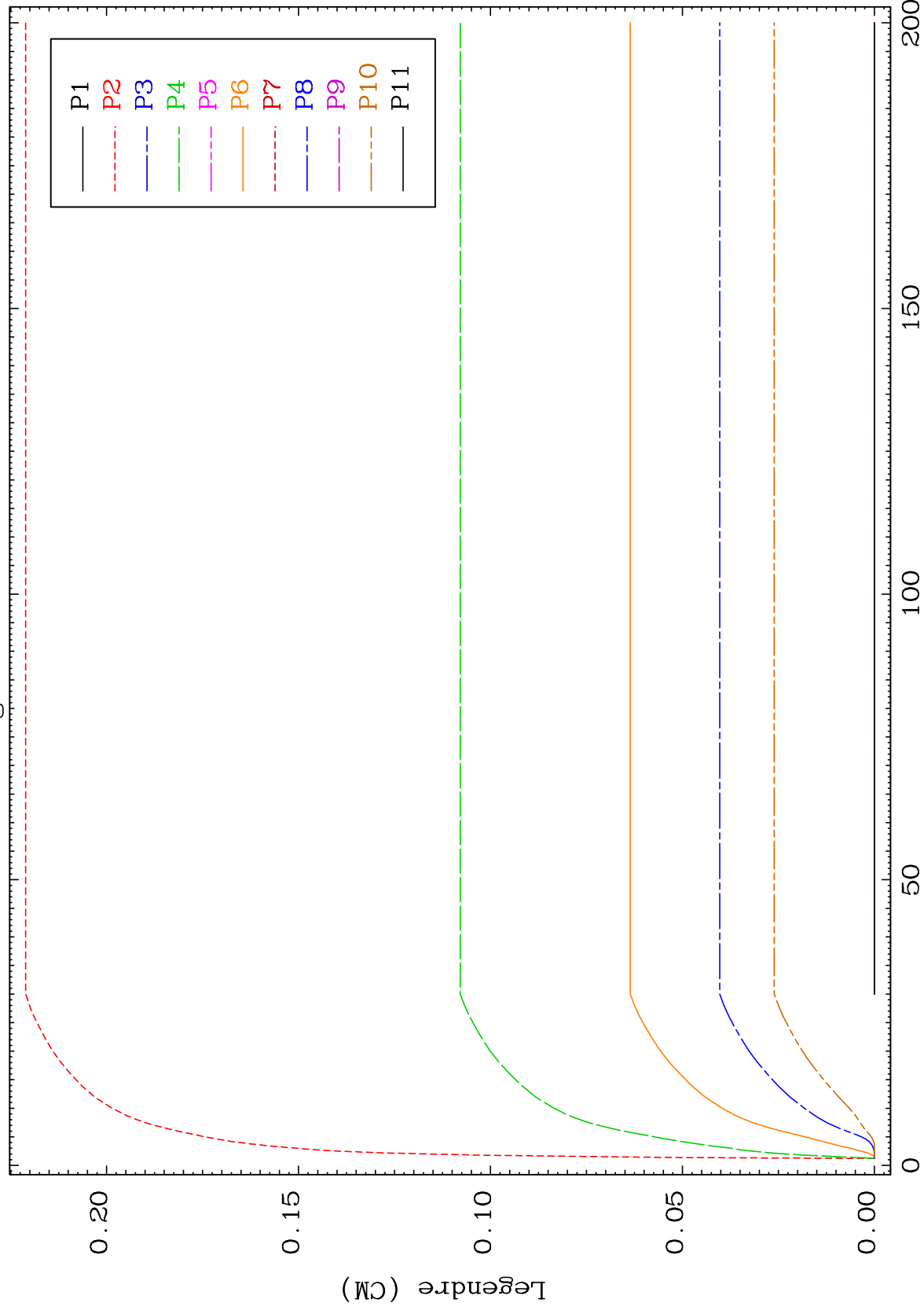
72-Hf-178



MAT 7237

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

72-Hf-178



43

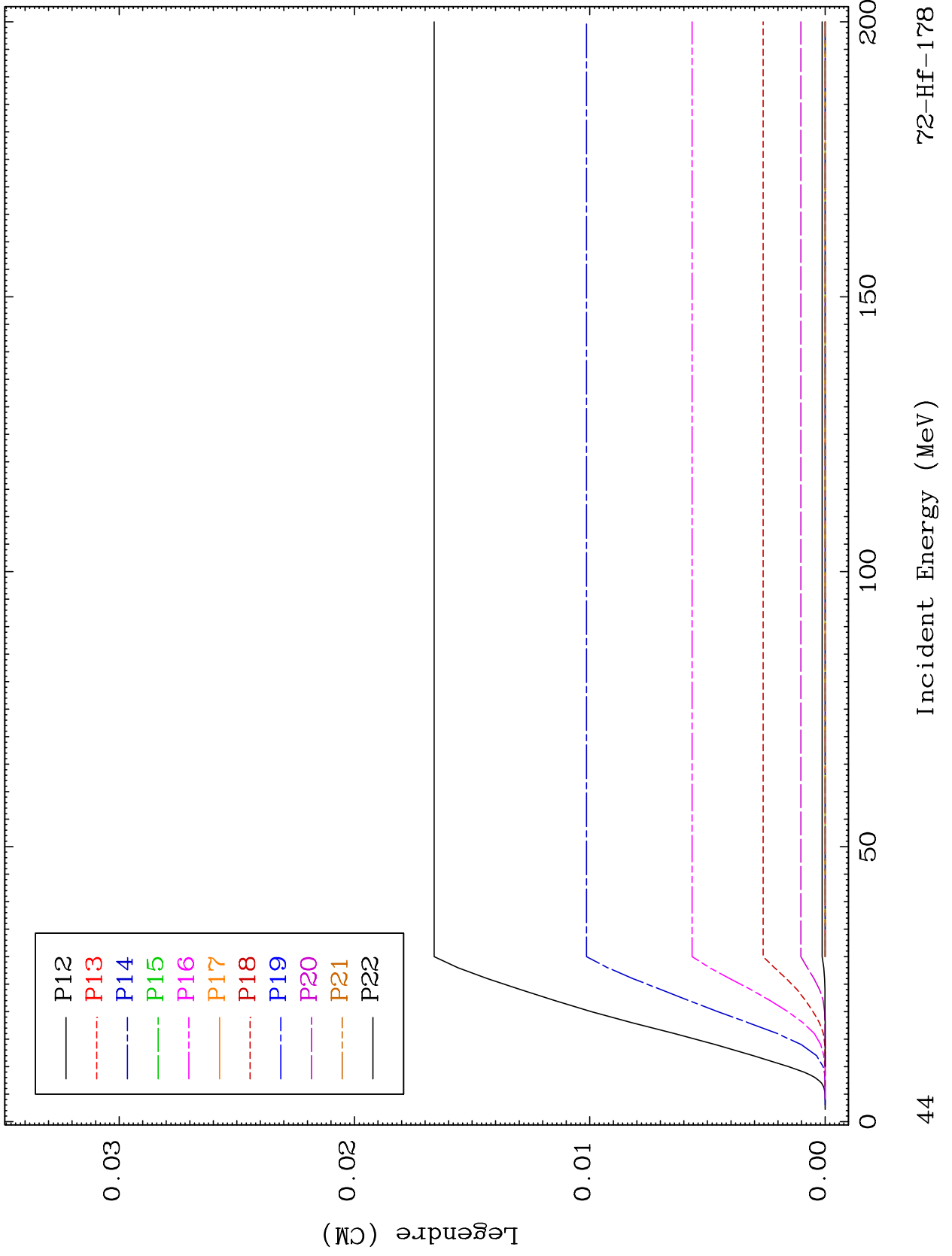
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



44

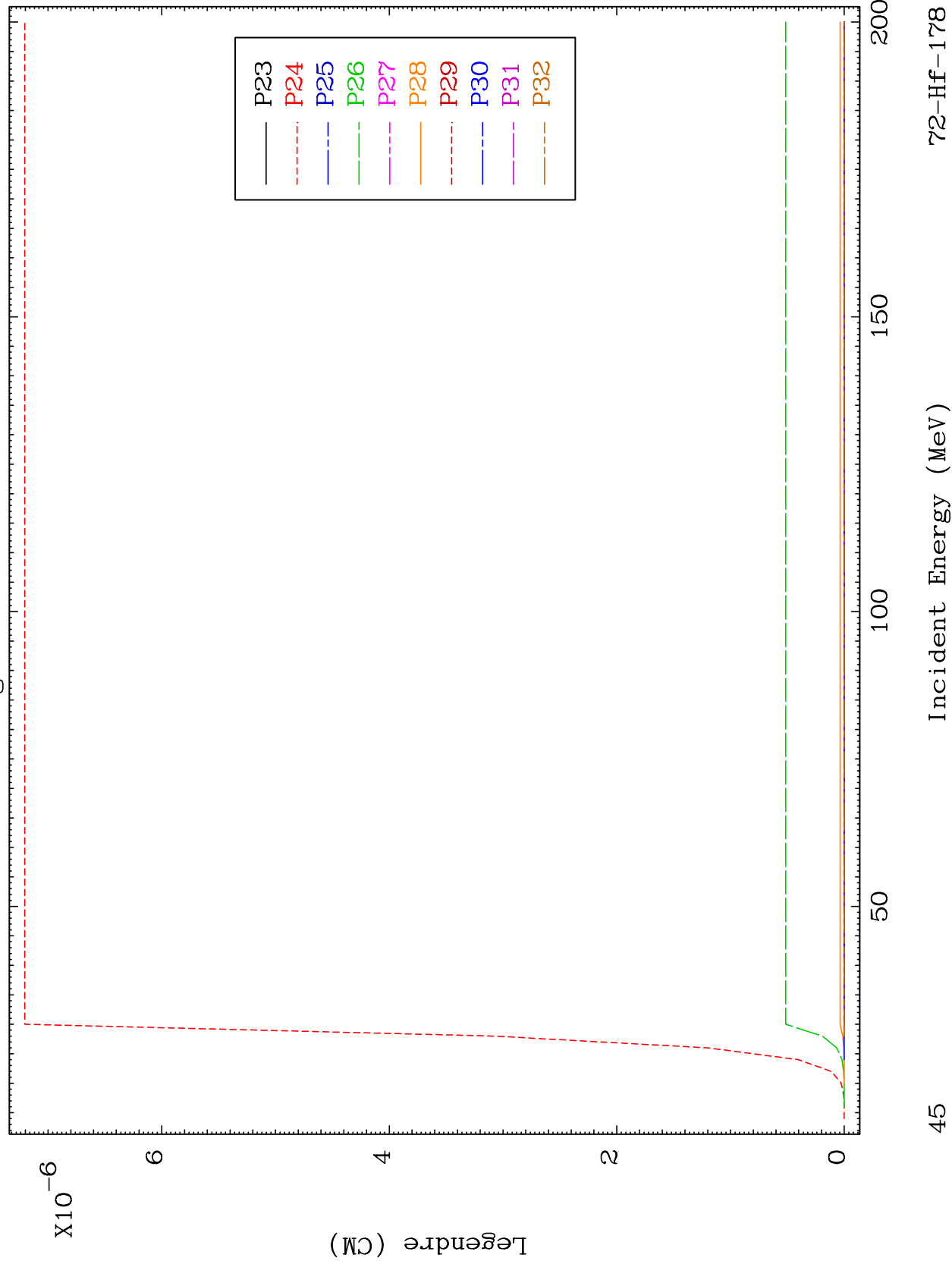
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

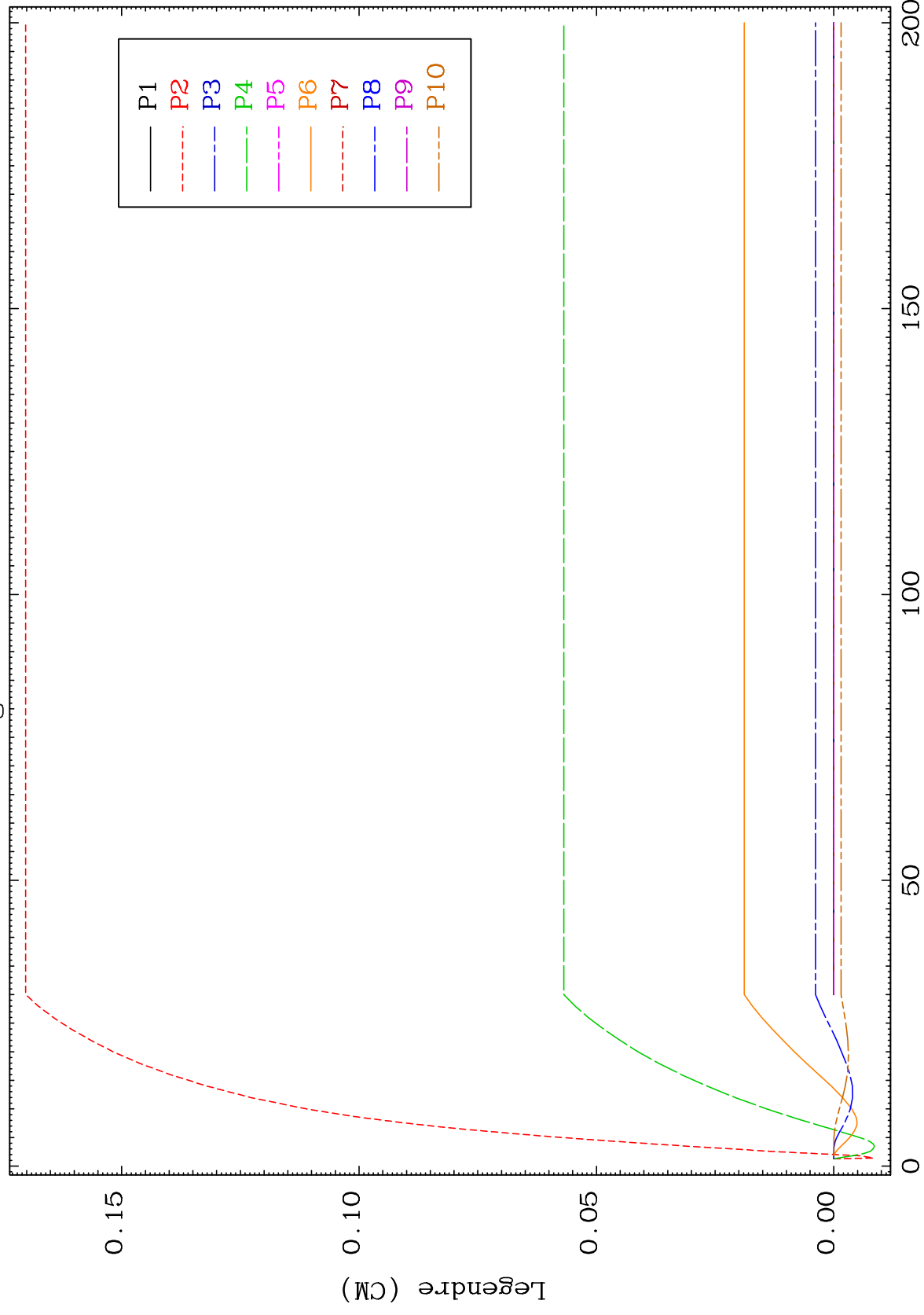
72-Hf-178



MAT 7237

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

72-Hf-178



46

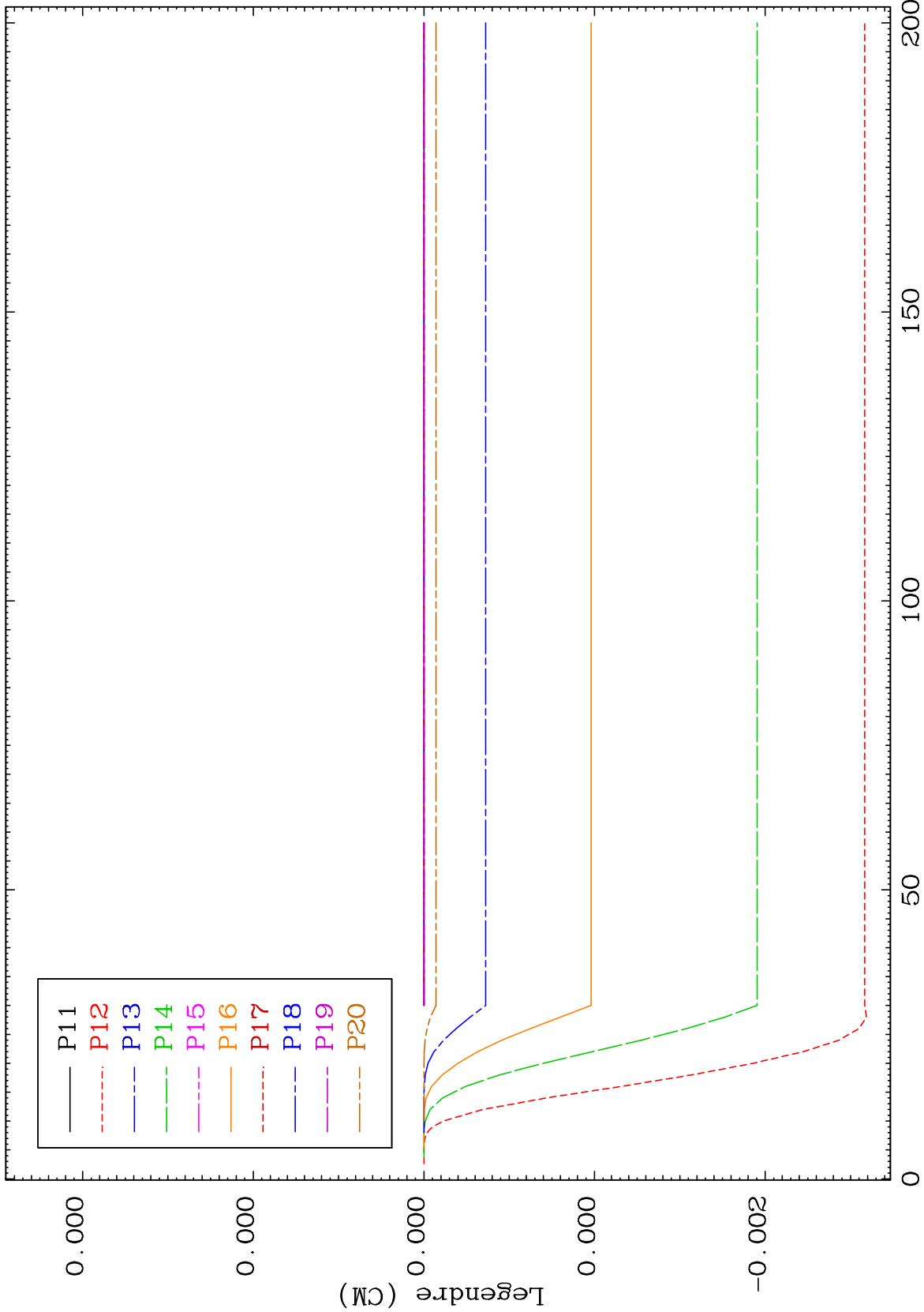
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

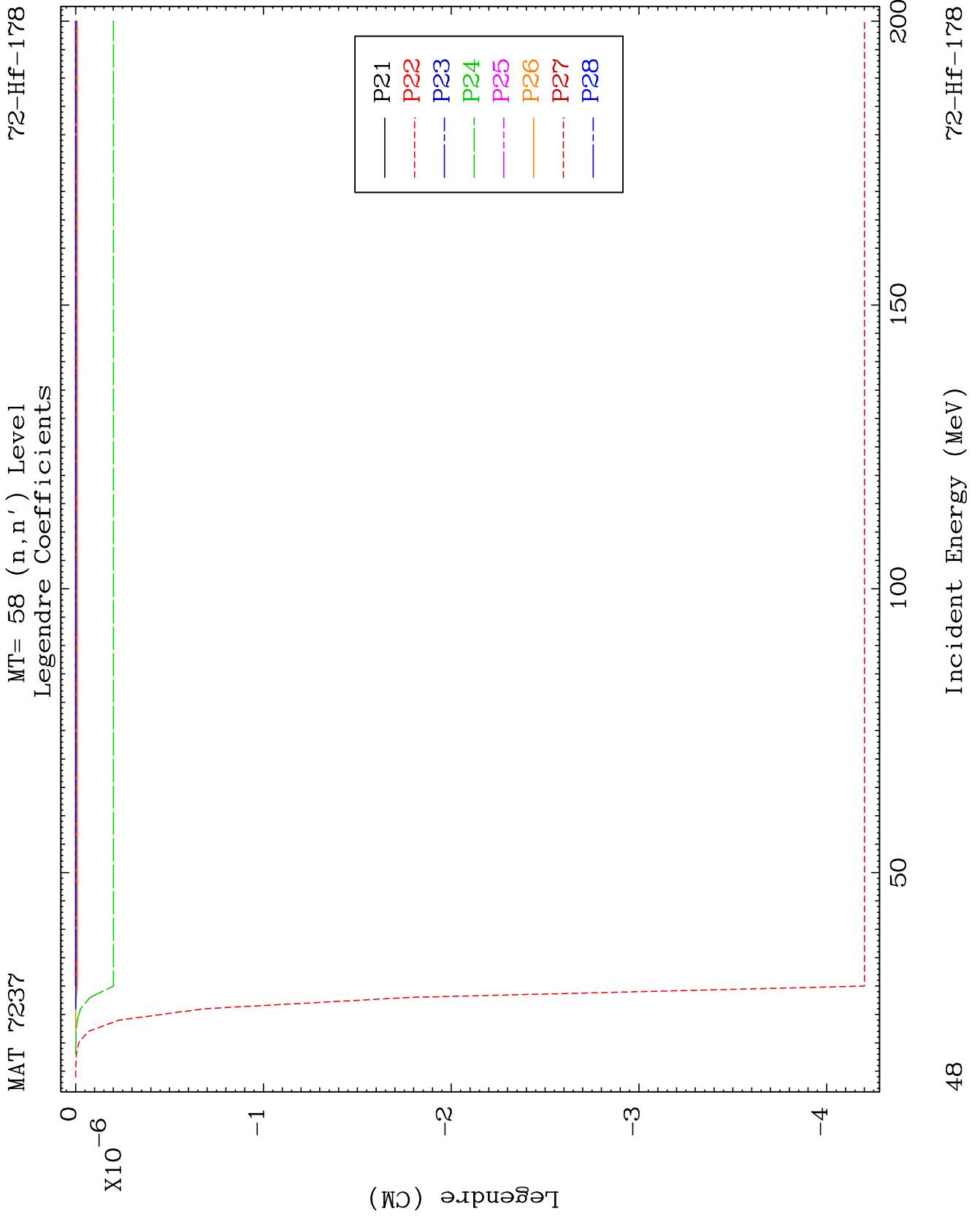
72-Hf-178



47

Incident Energy (MeV)

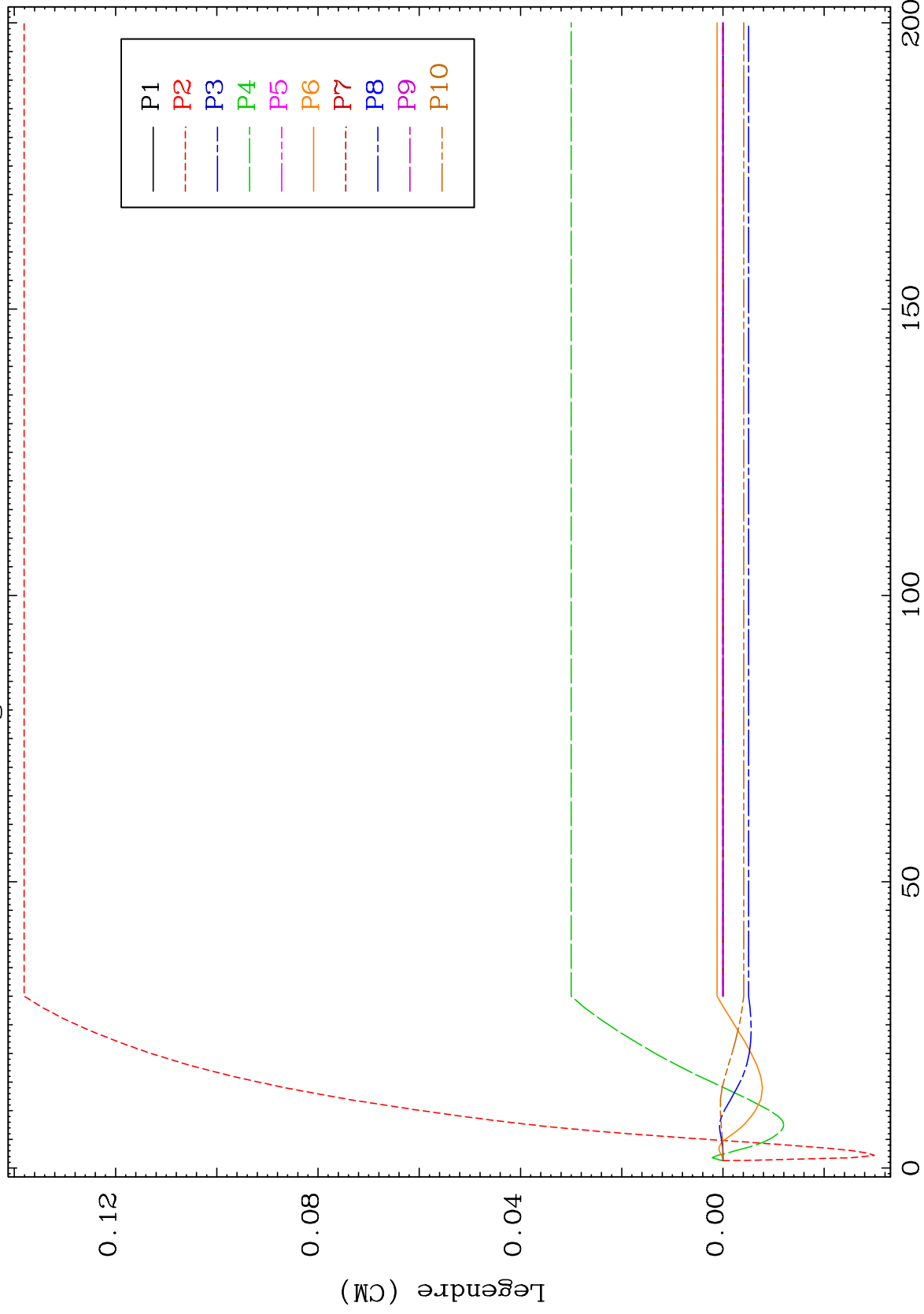
72-Hf-178



MAT 7237

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

72-Hf-178



49

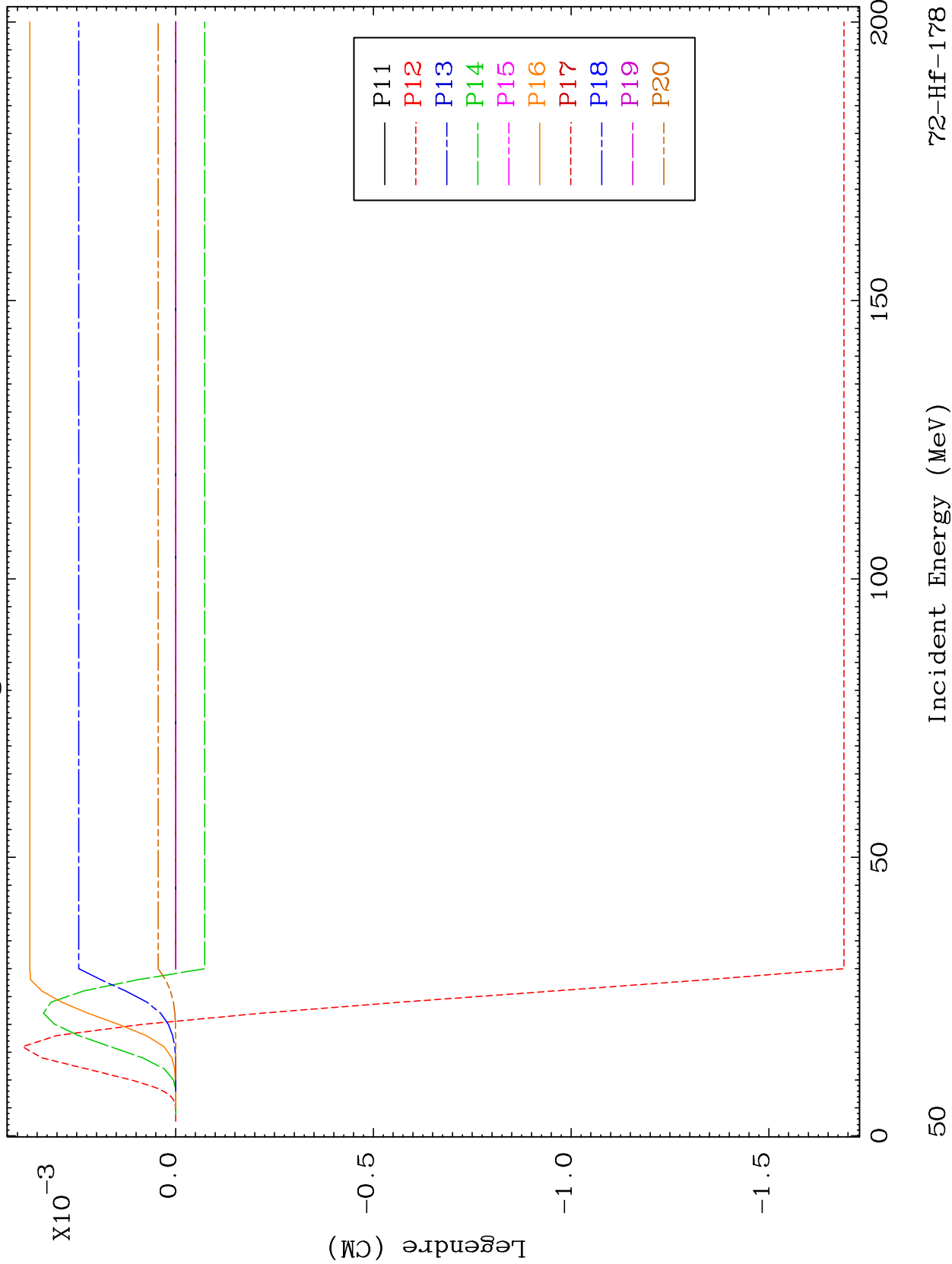
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



72-Hf-178

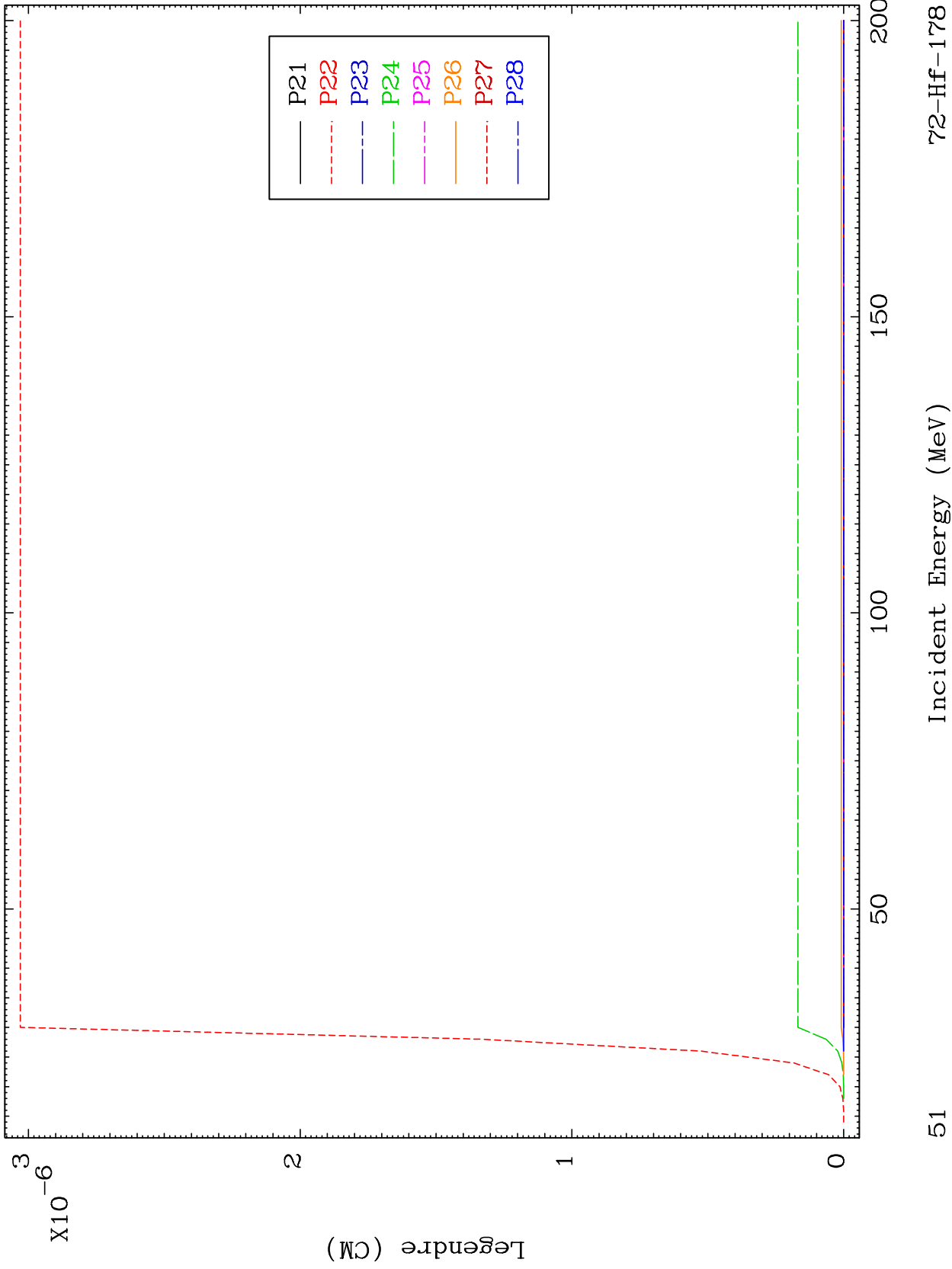
Incident Energy (MeV)

50

MAT 7237

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

72-Hf-178



51

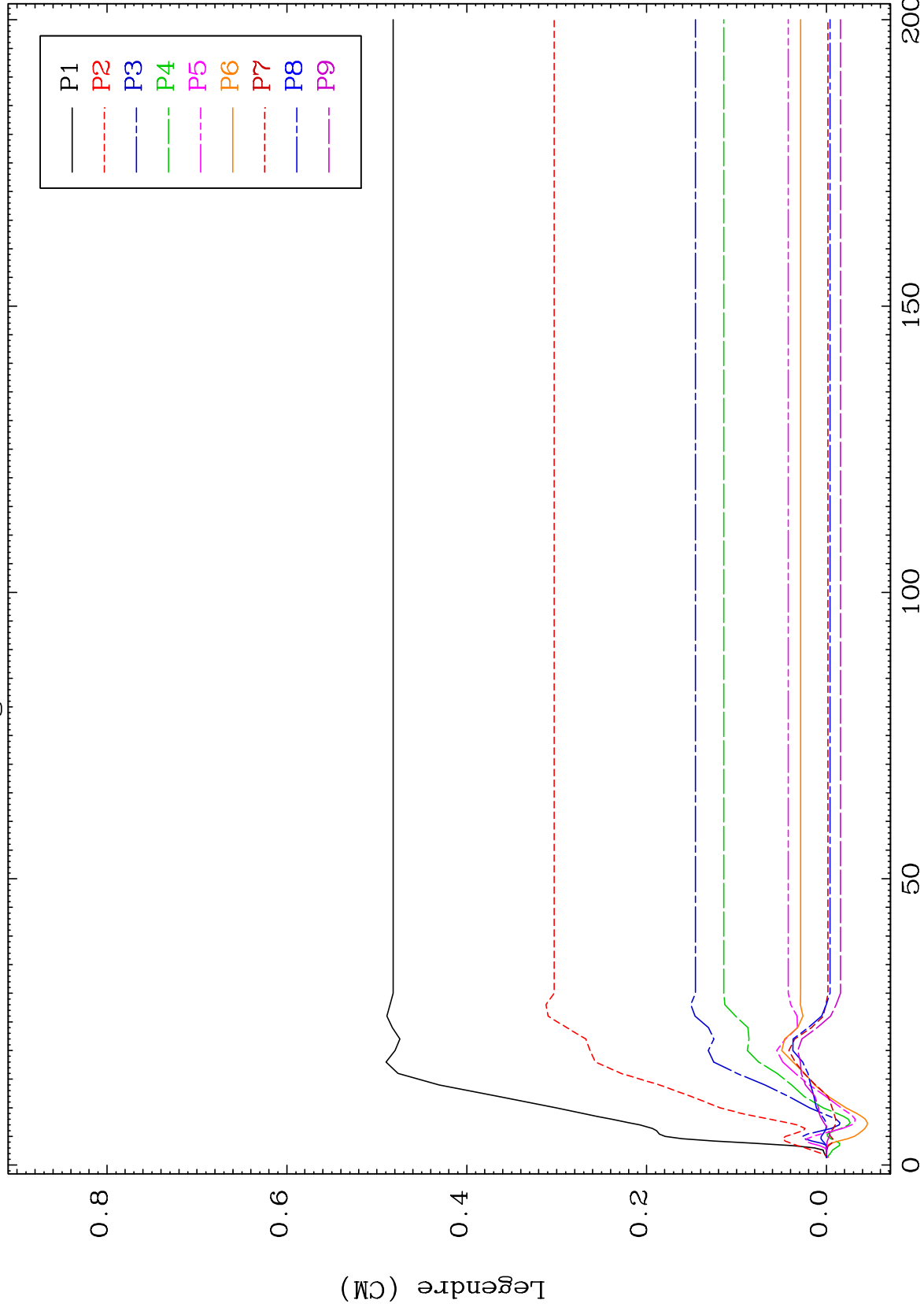
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



52

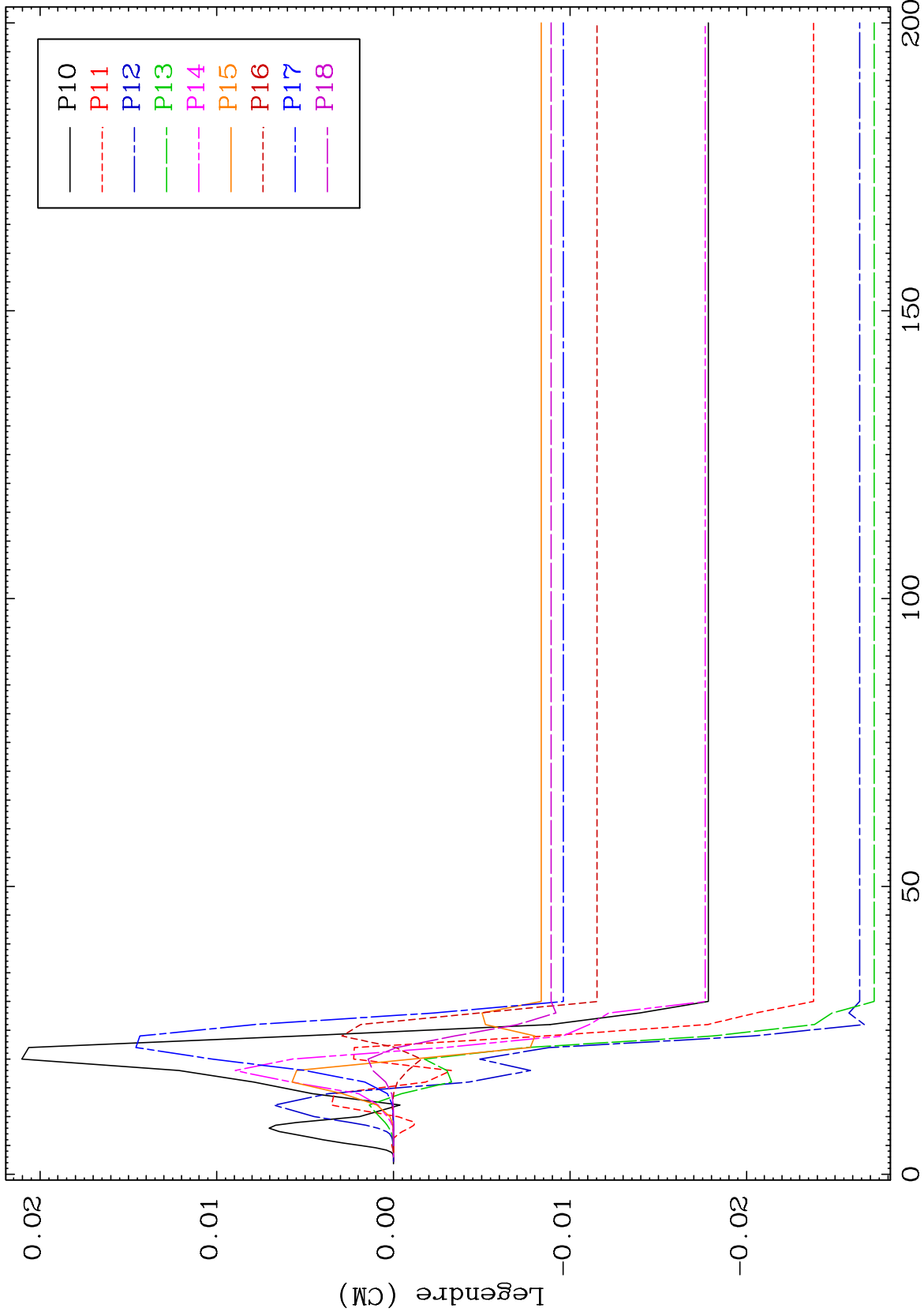
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



53

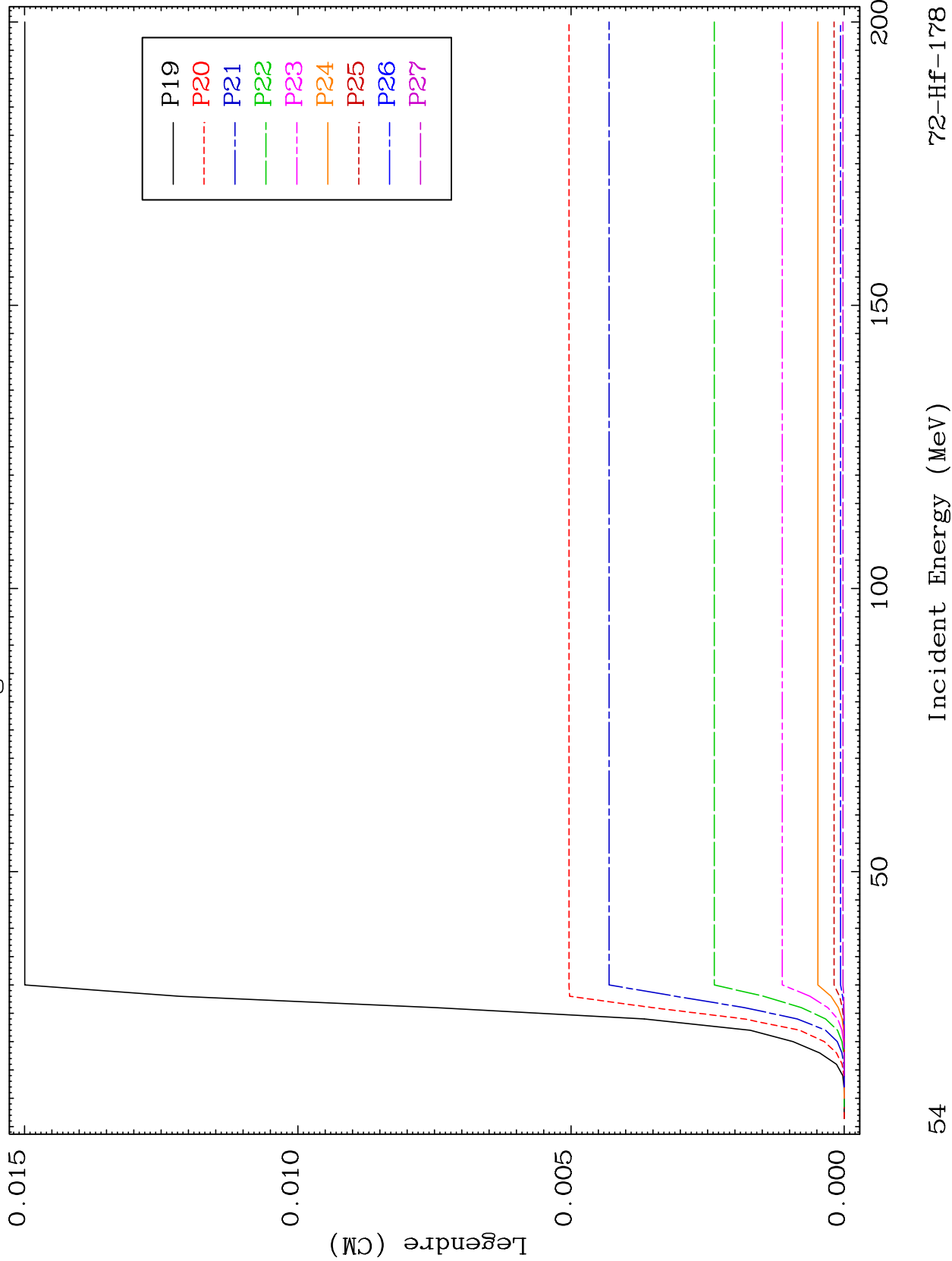
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



54

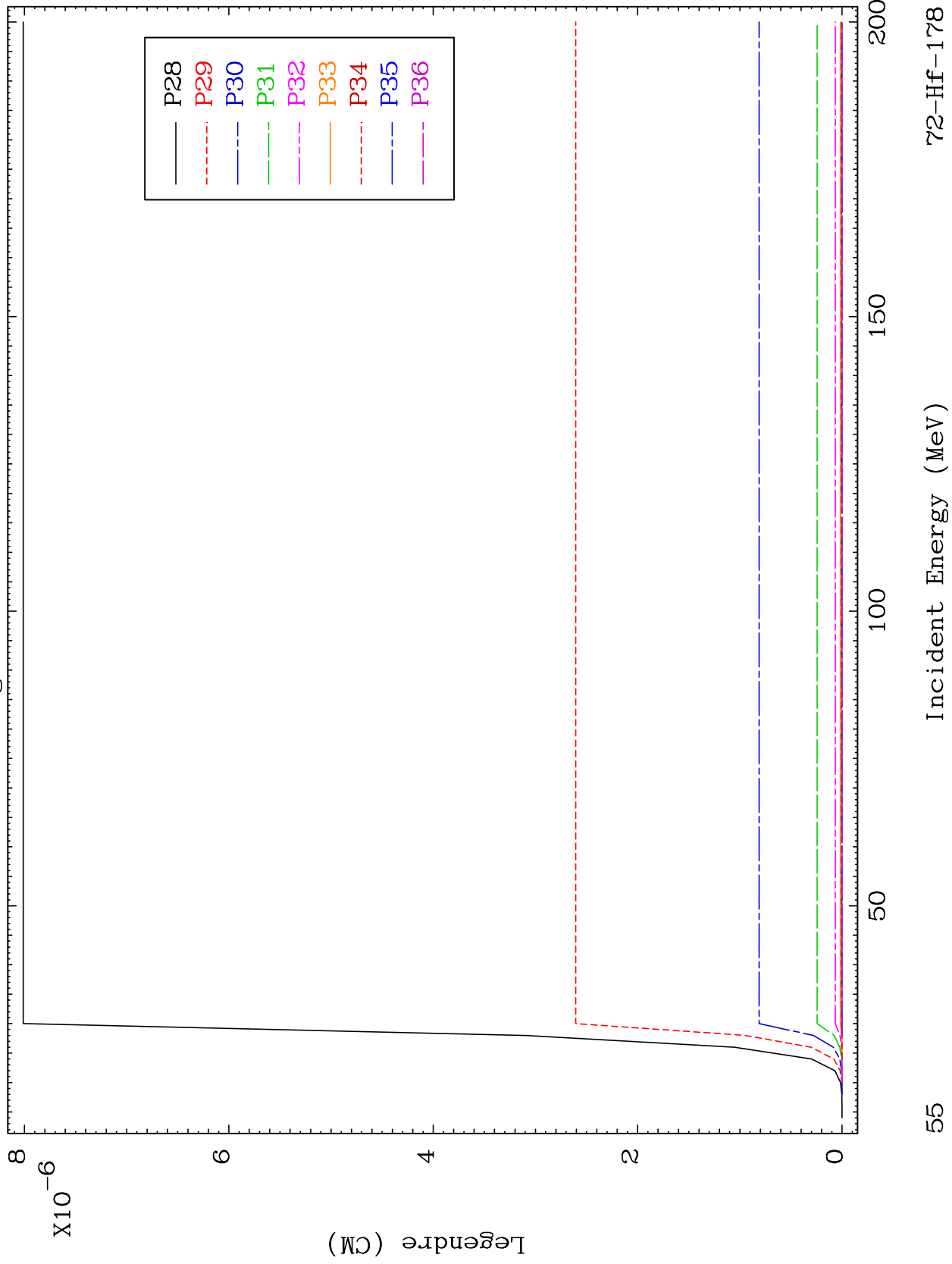
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

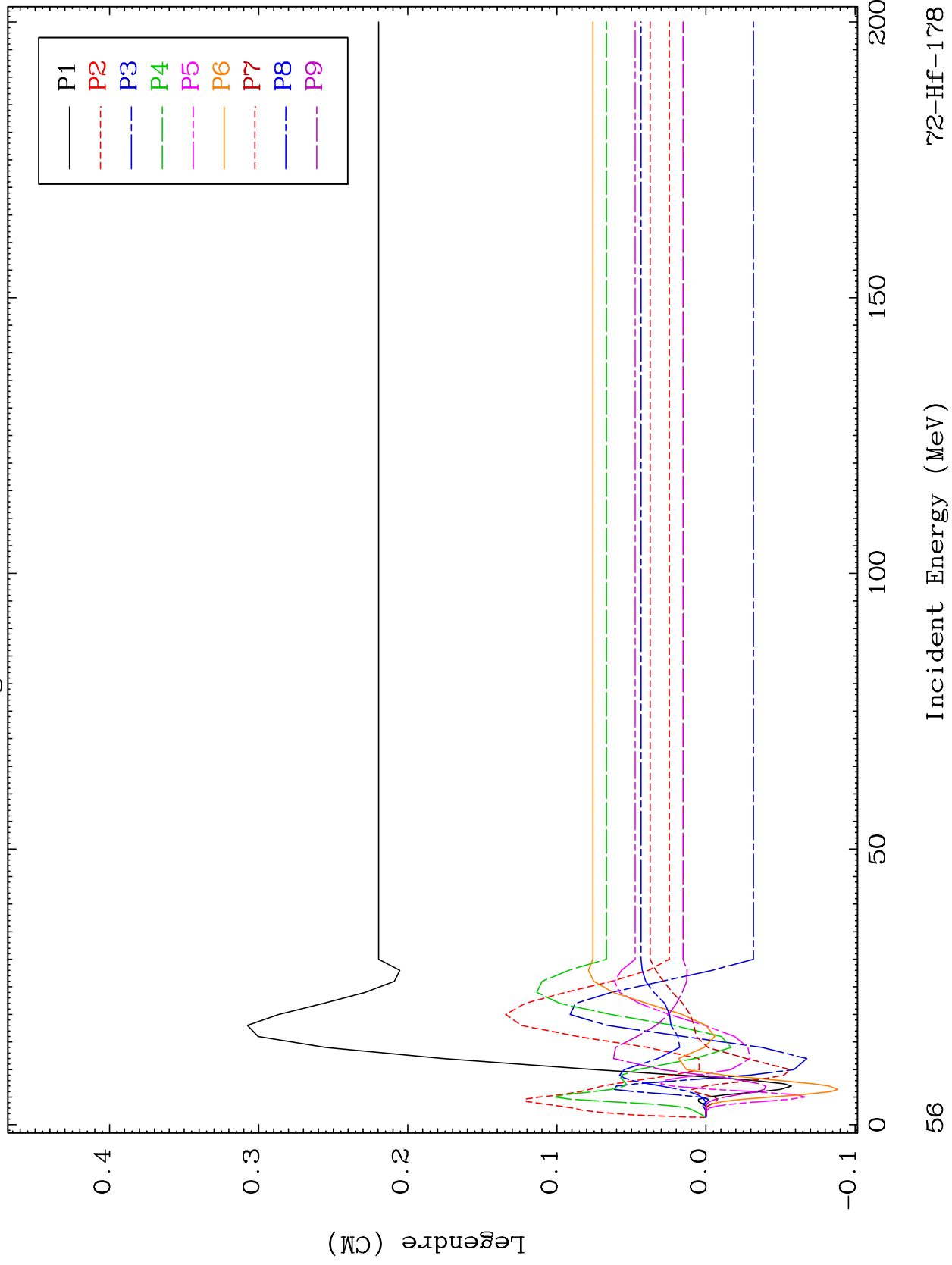
72-Hf-178



MAT 7237

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

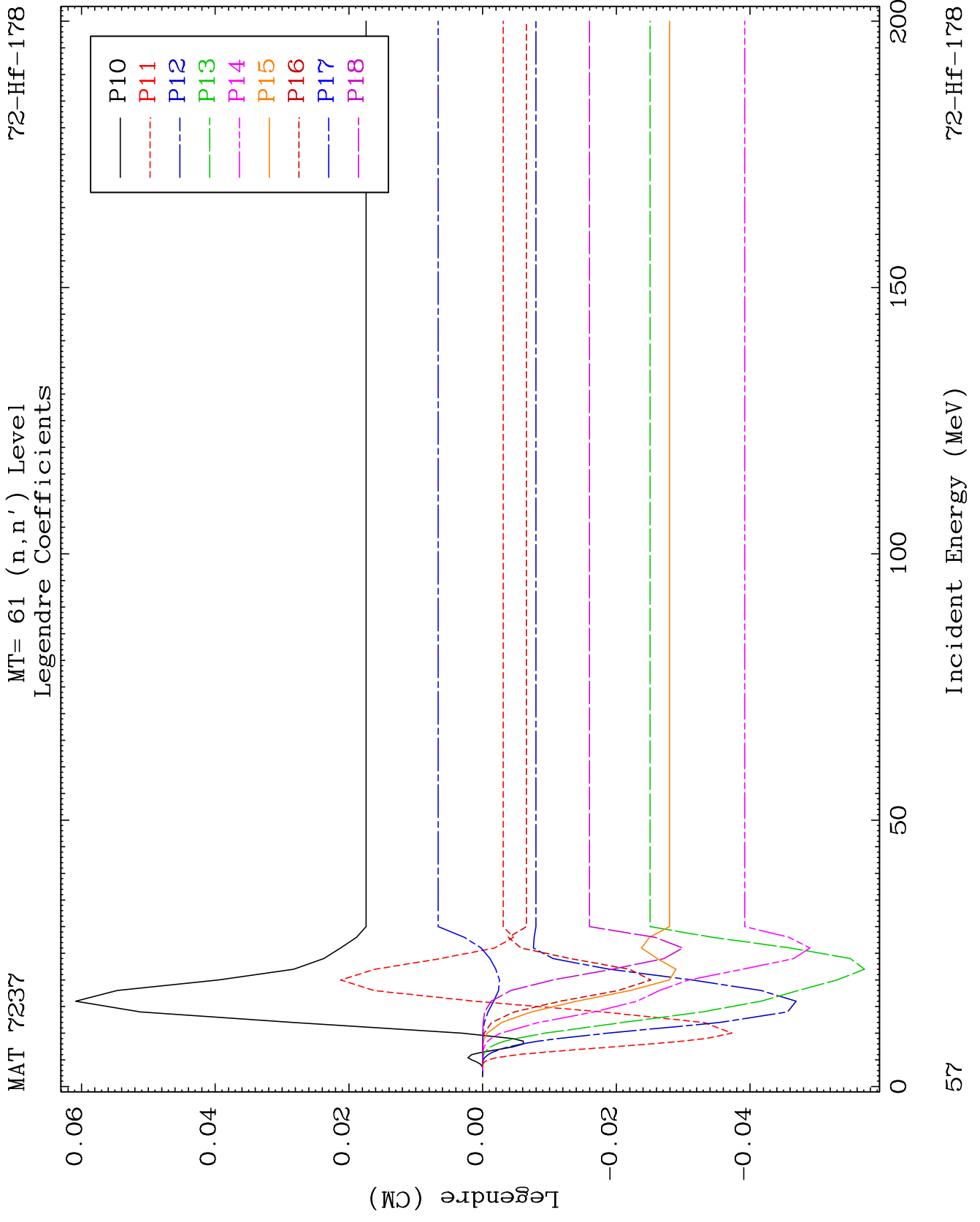
72-Hf-178



72-Hf-178

Incident Energy (MeV)

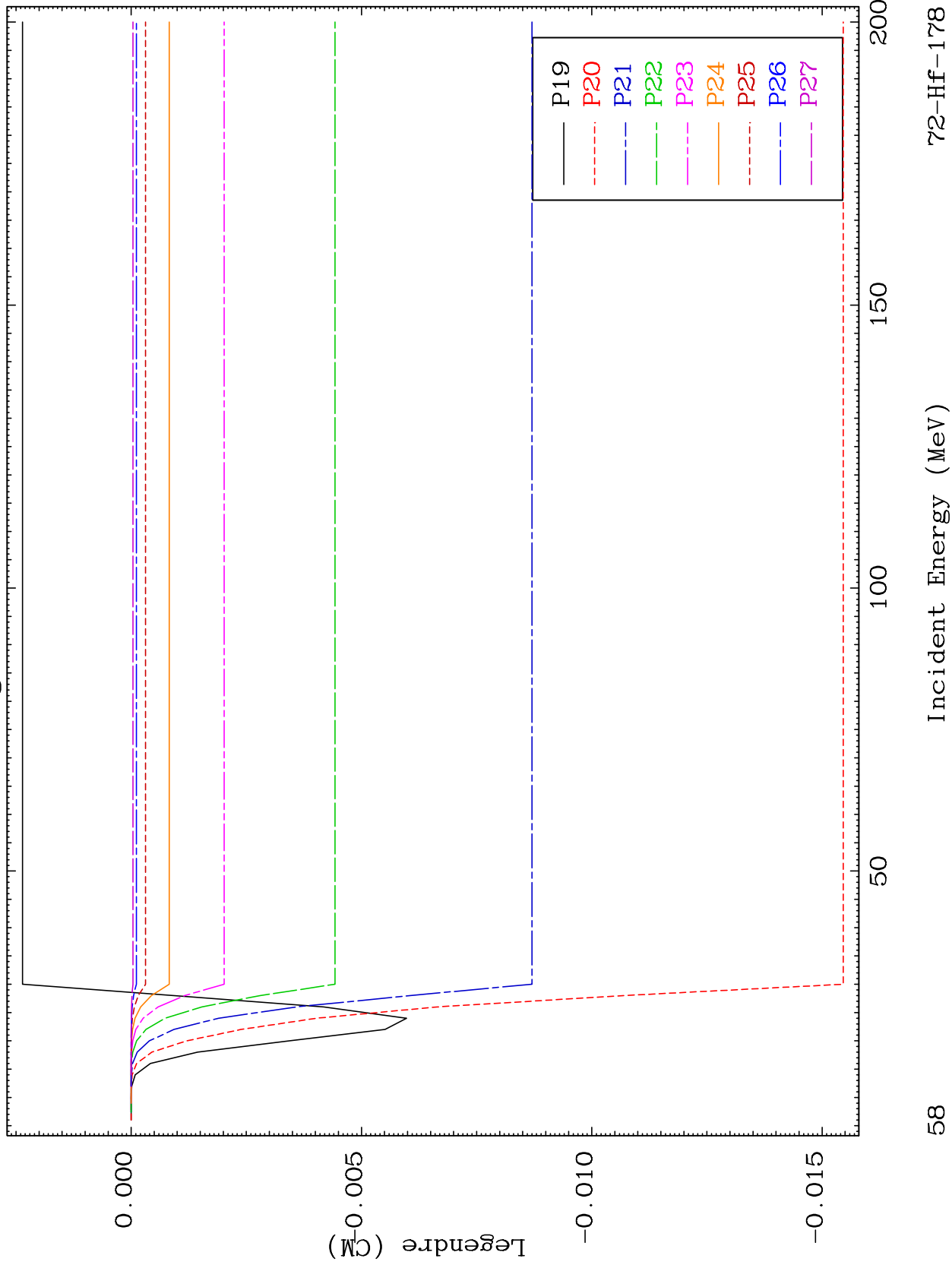
56



MAT 7237

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

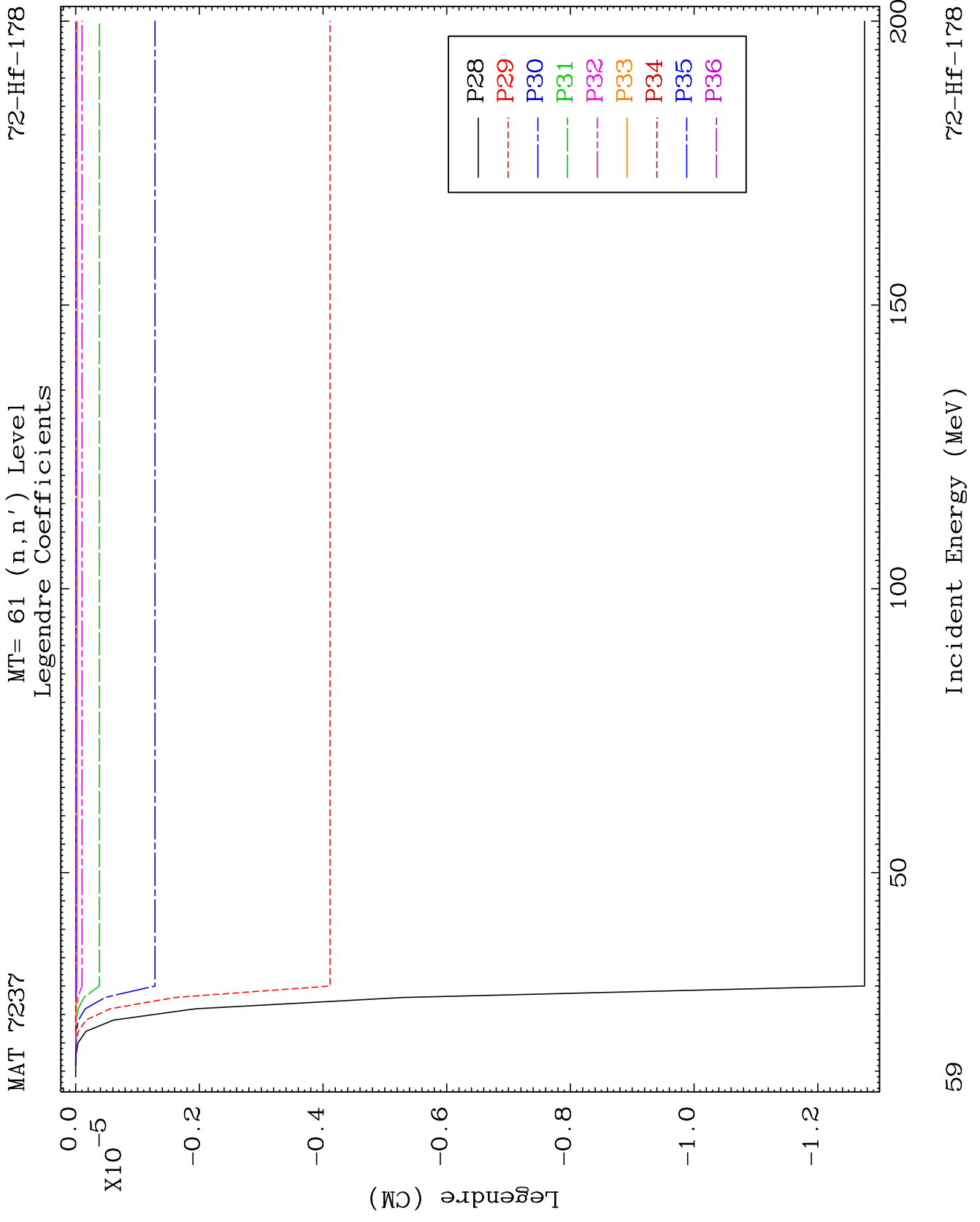
72-Hf-178



58

Incident Energy (MeV)

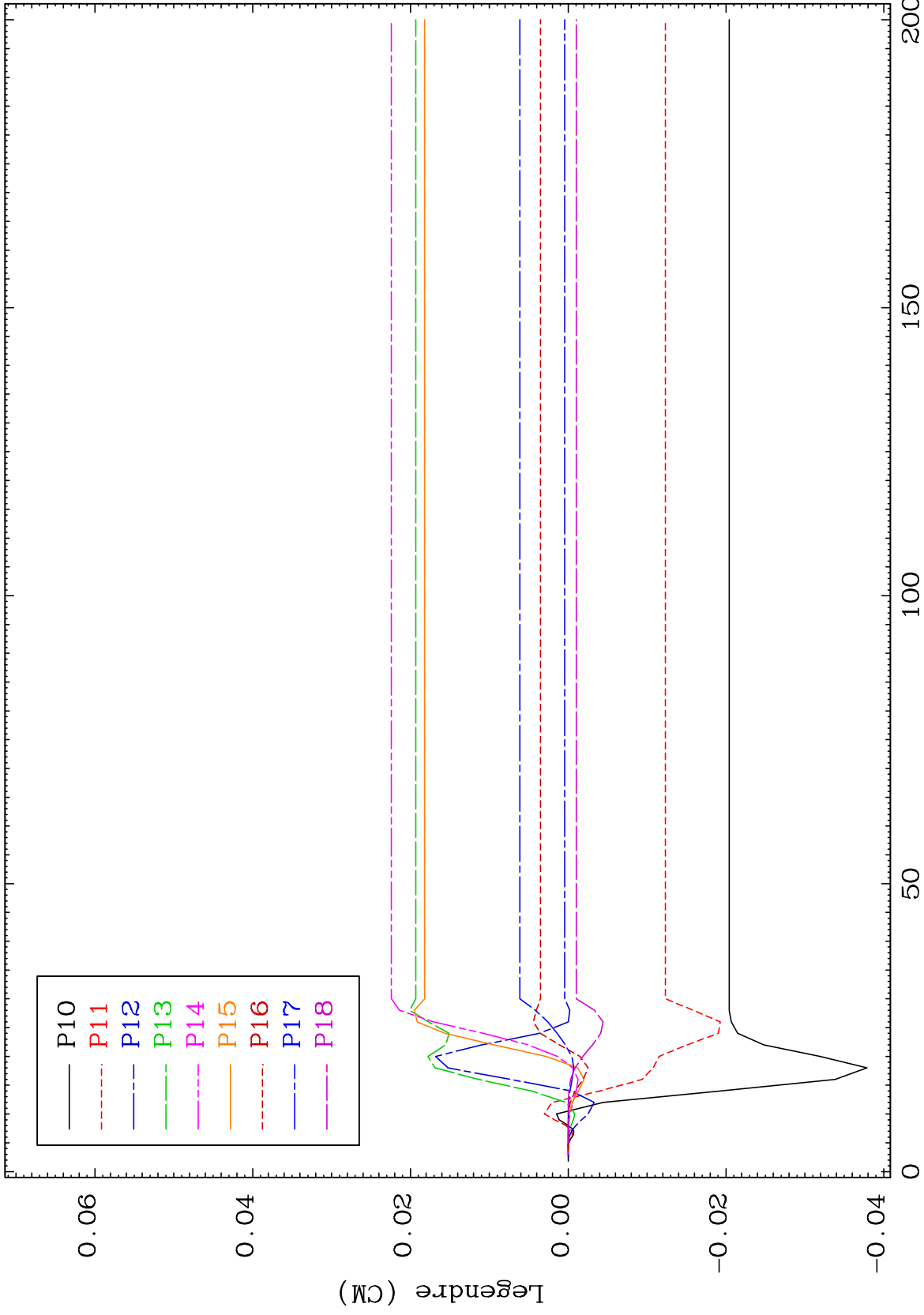
72-Hf-178



MAT 7237

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

72-Hf-178



61

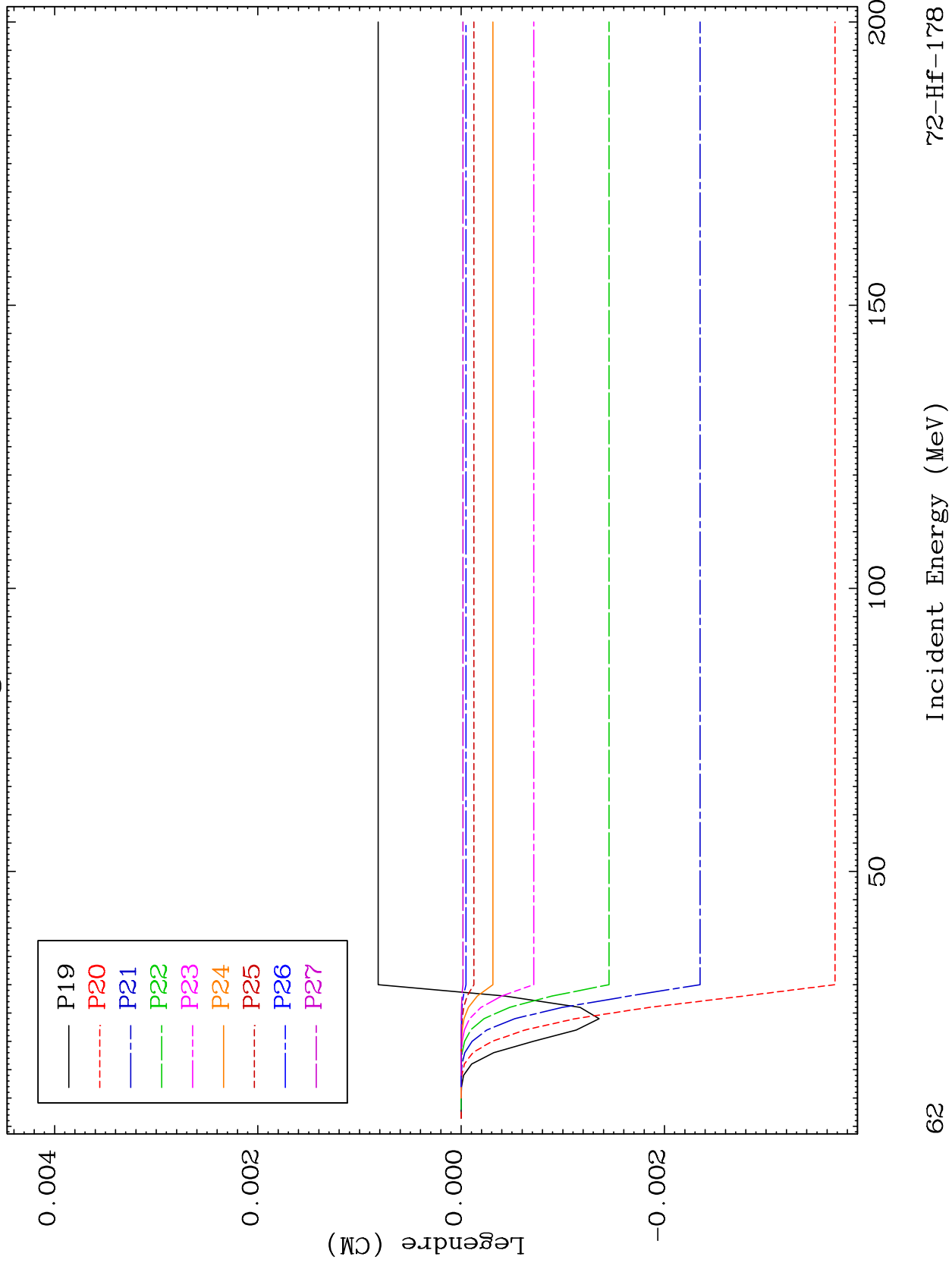
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



62

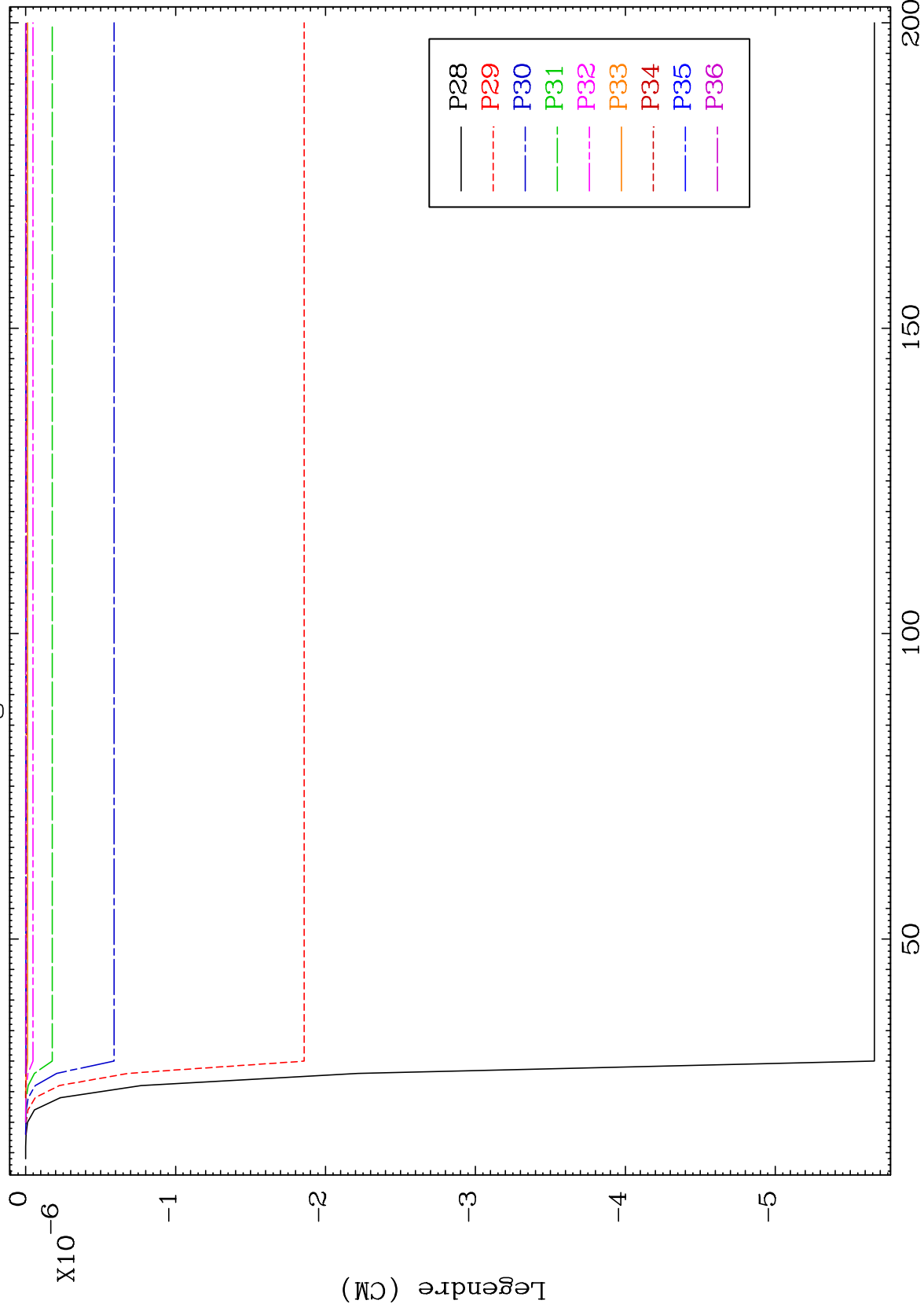
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



63

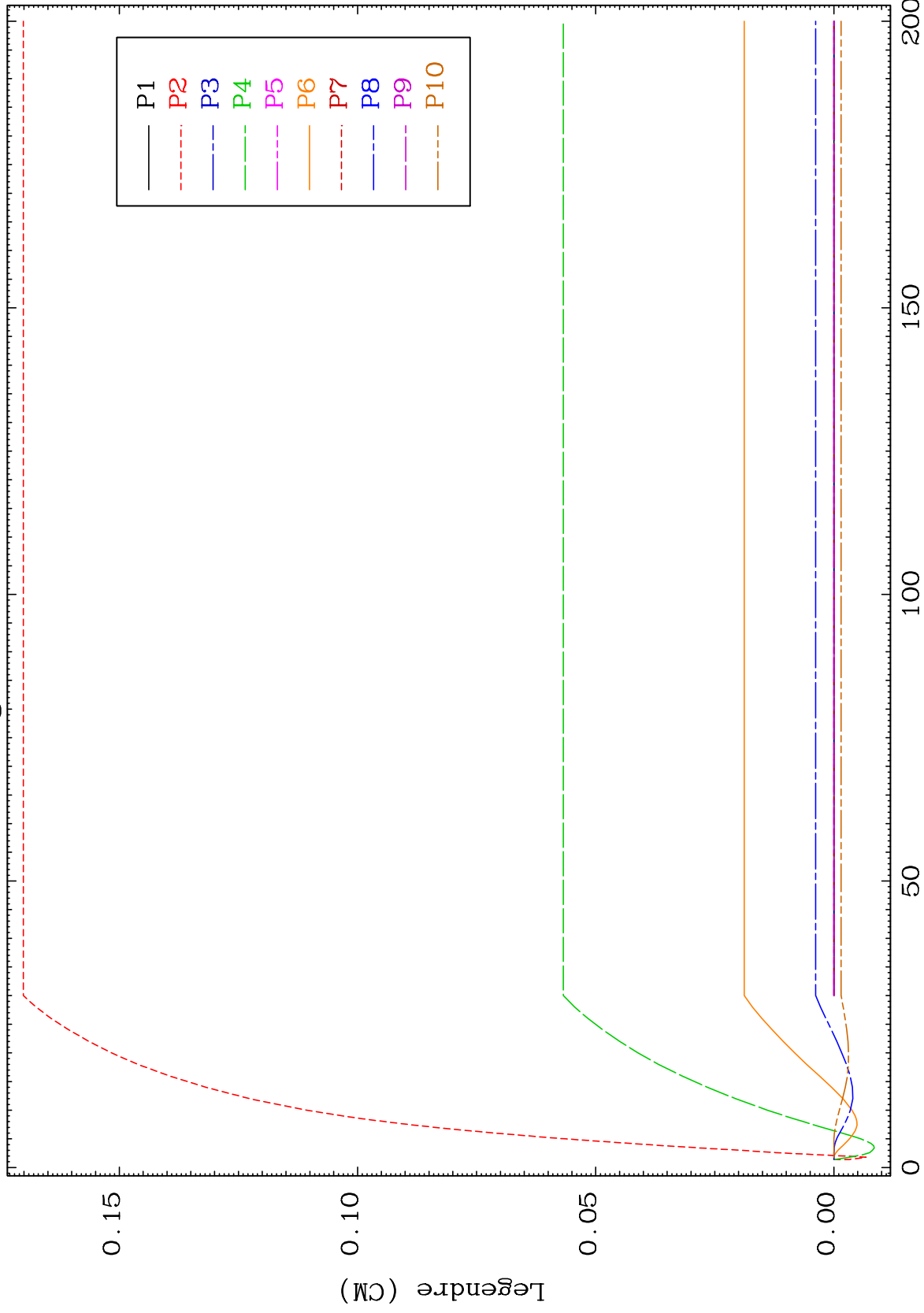
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



64

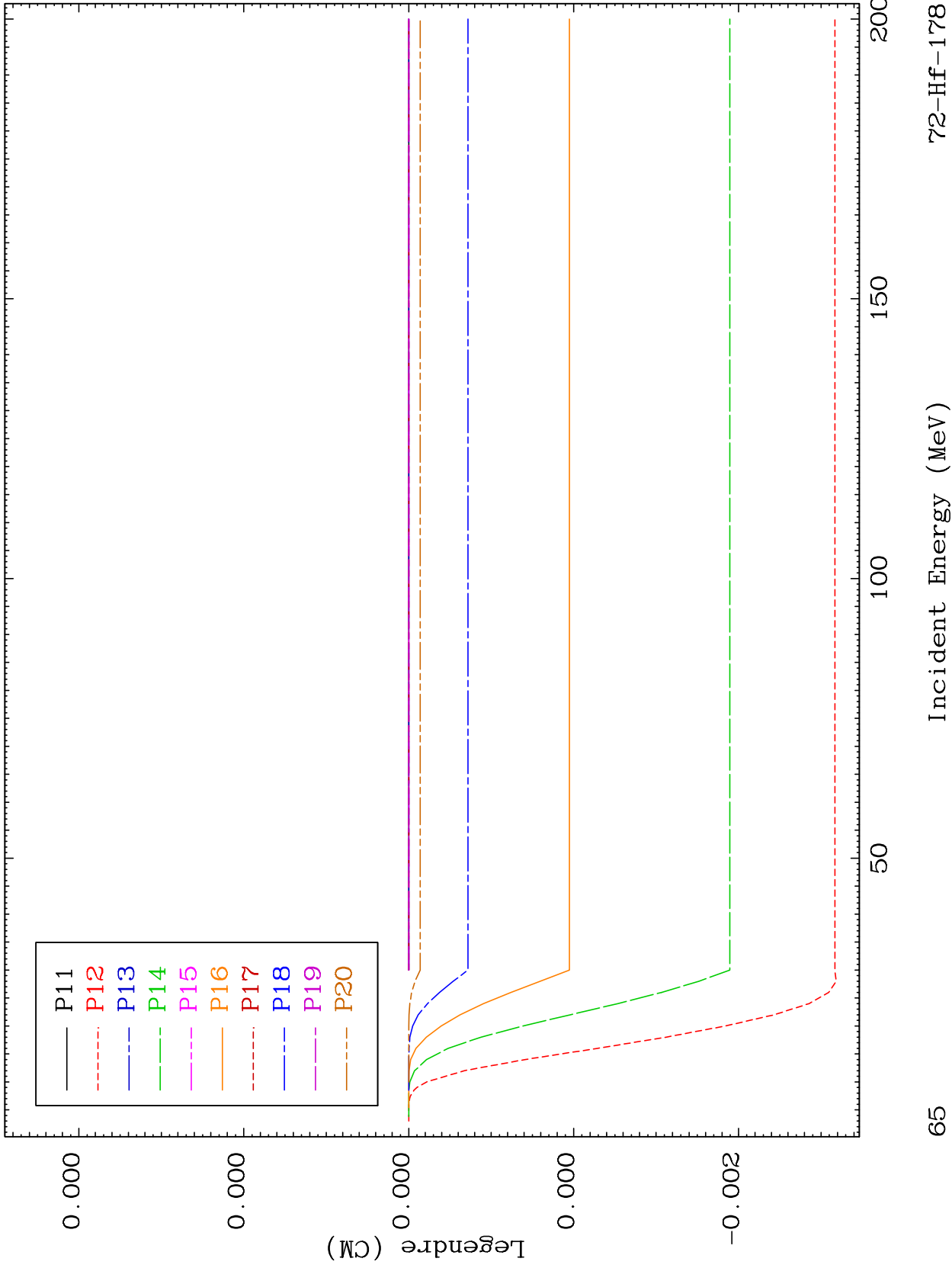
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



65

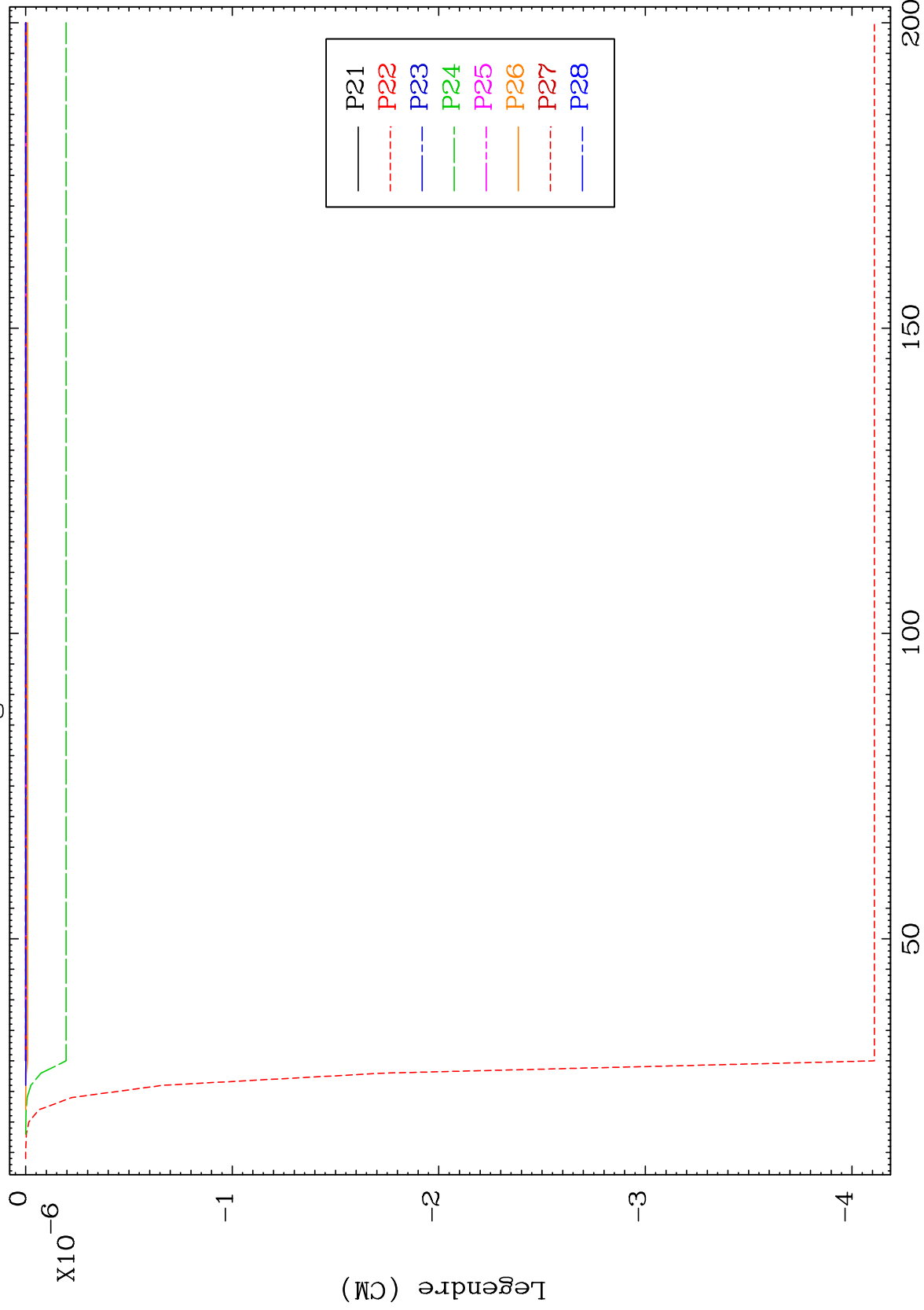
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



66

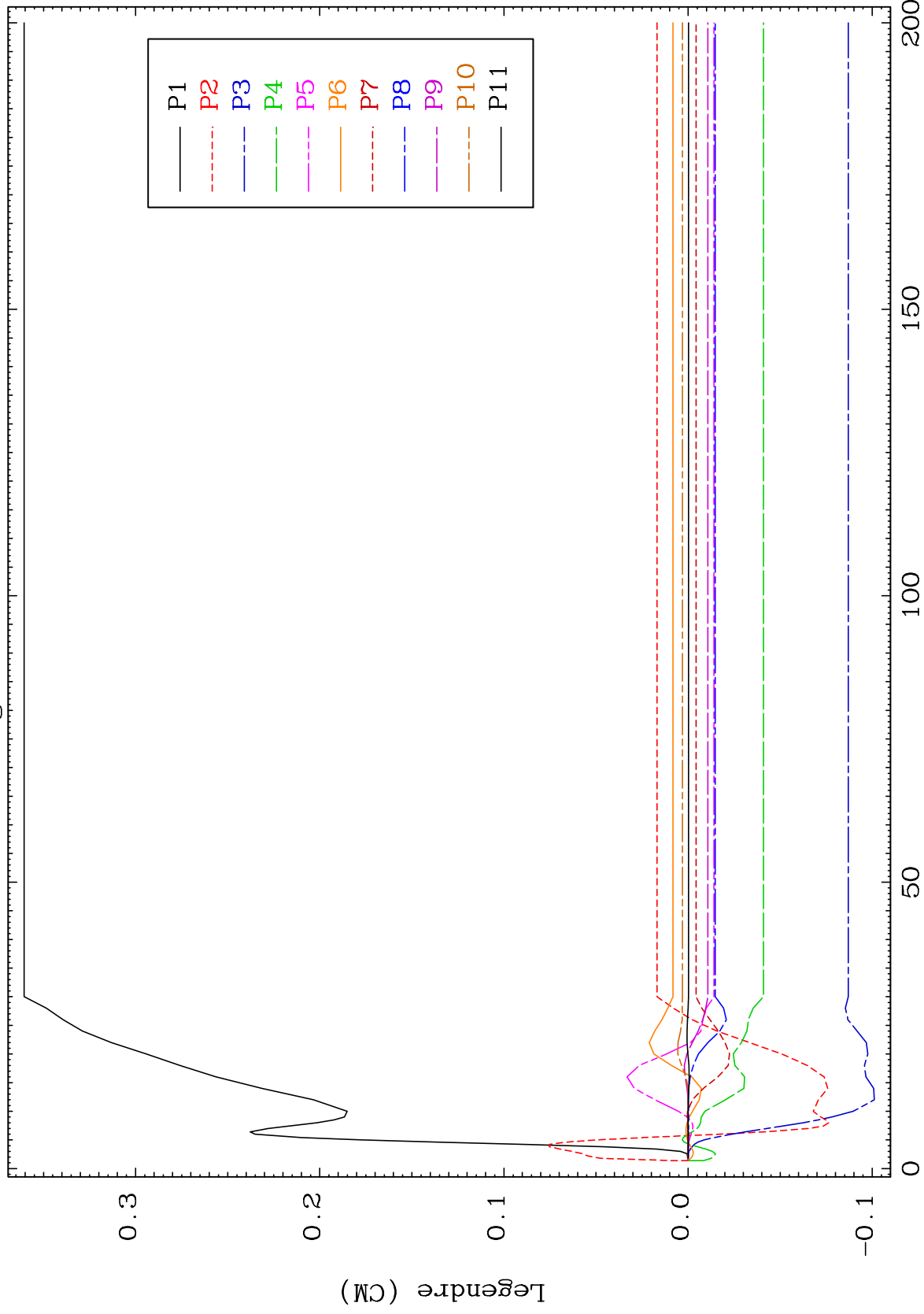
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



67

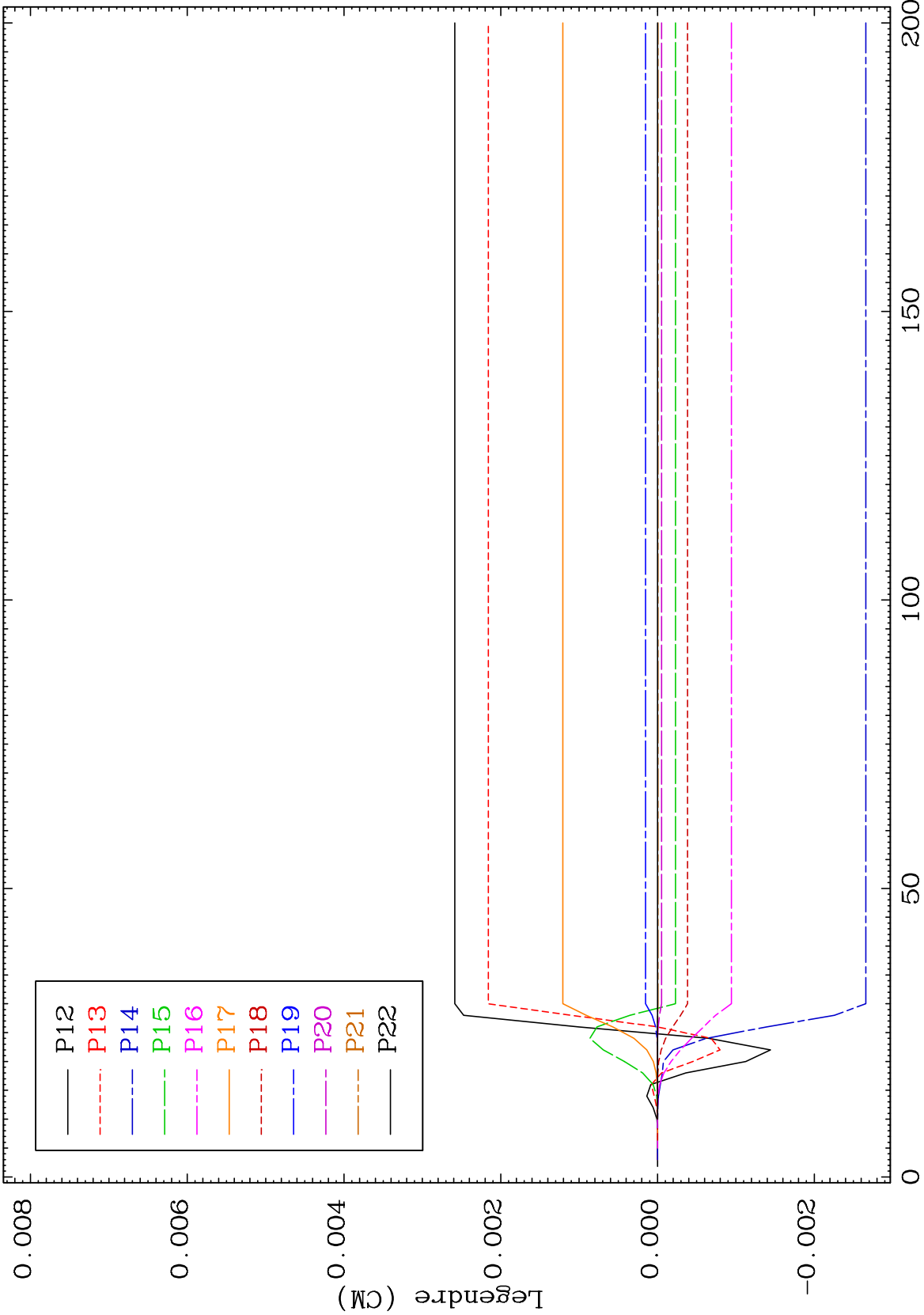
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



68

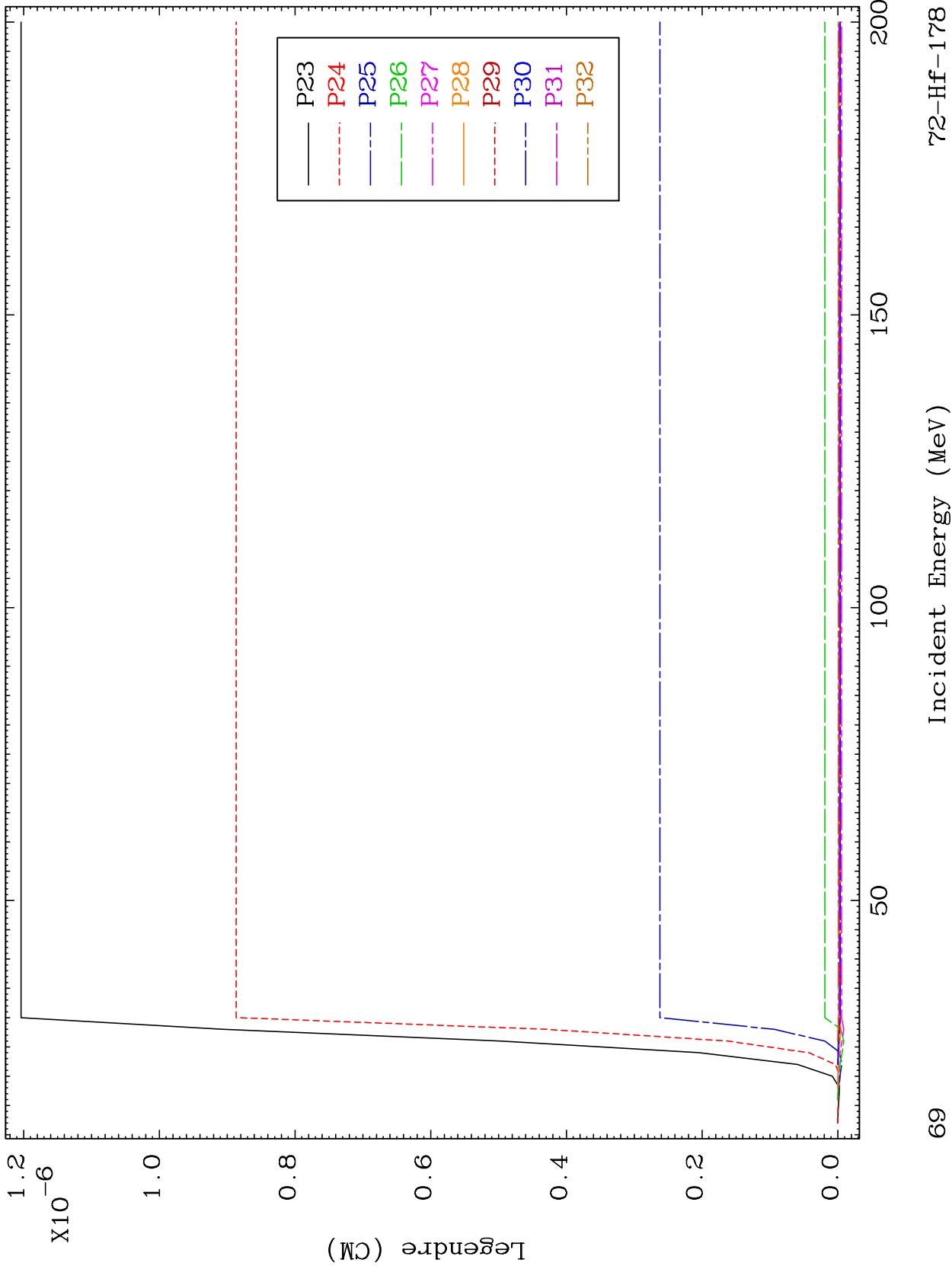
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

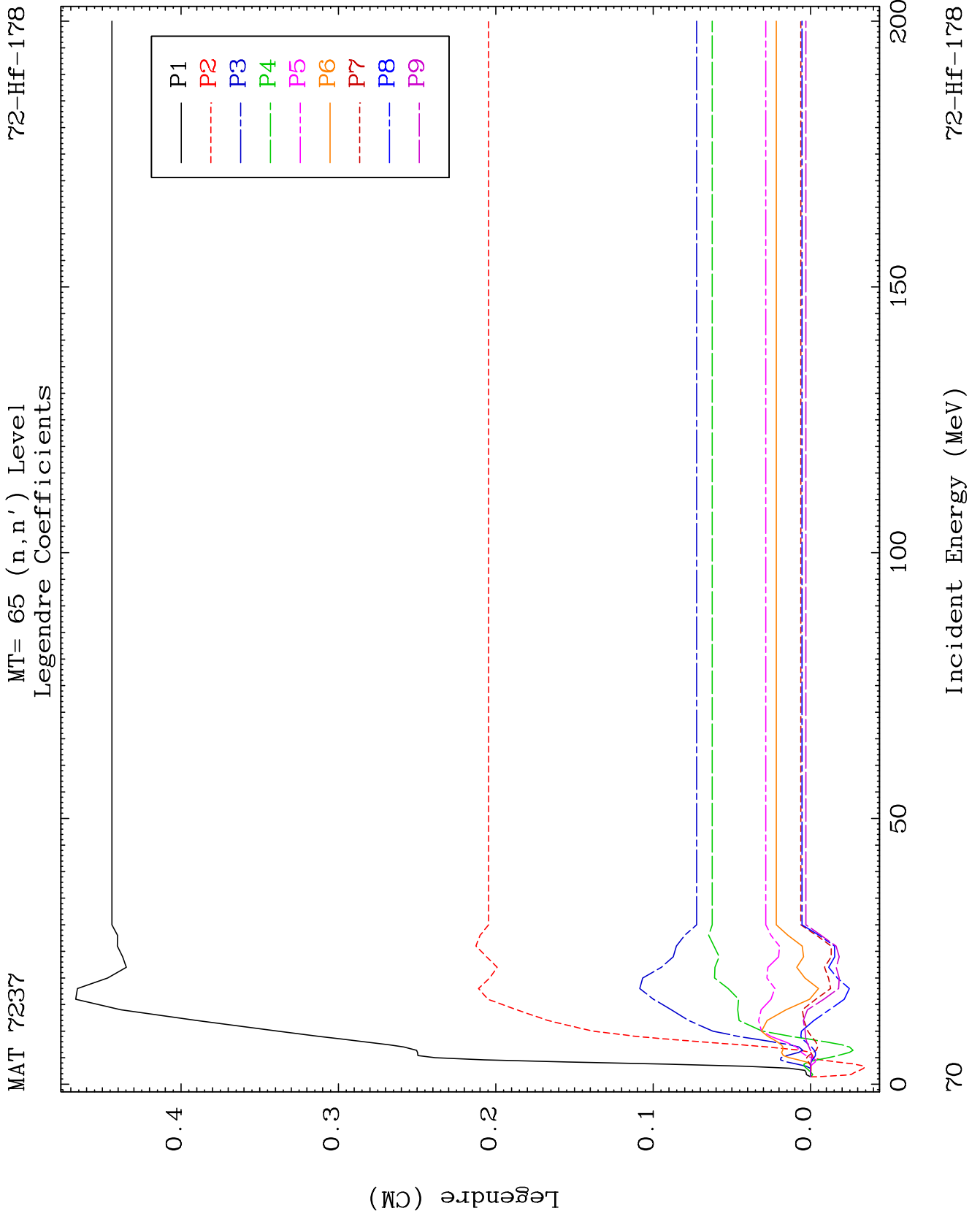
72-Hf-178



69

Incident Energy (MeV)

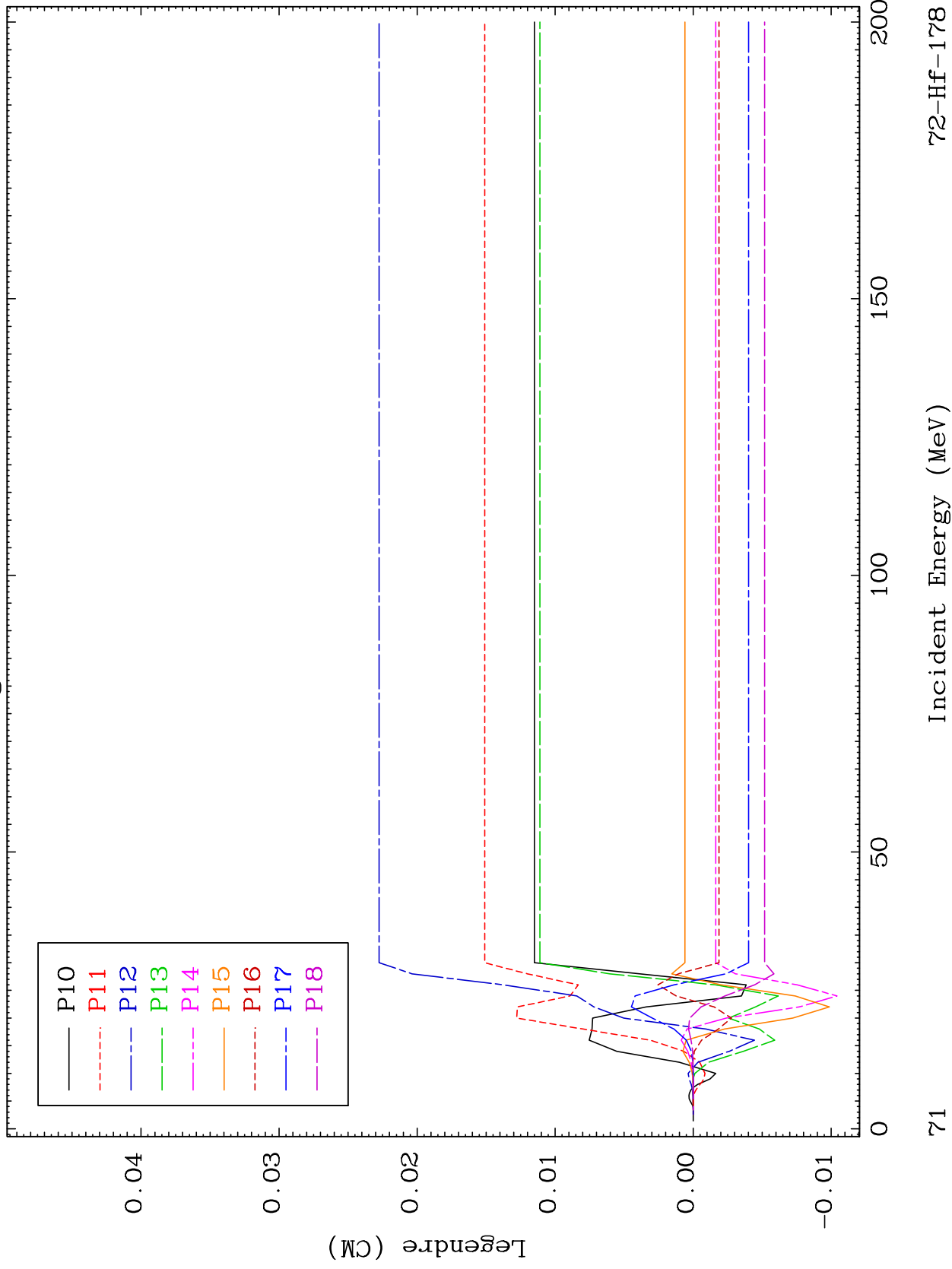
72-Hf-178



MAT 7237

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

72-Hf-178



71

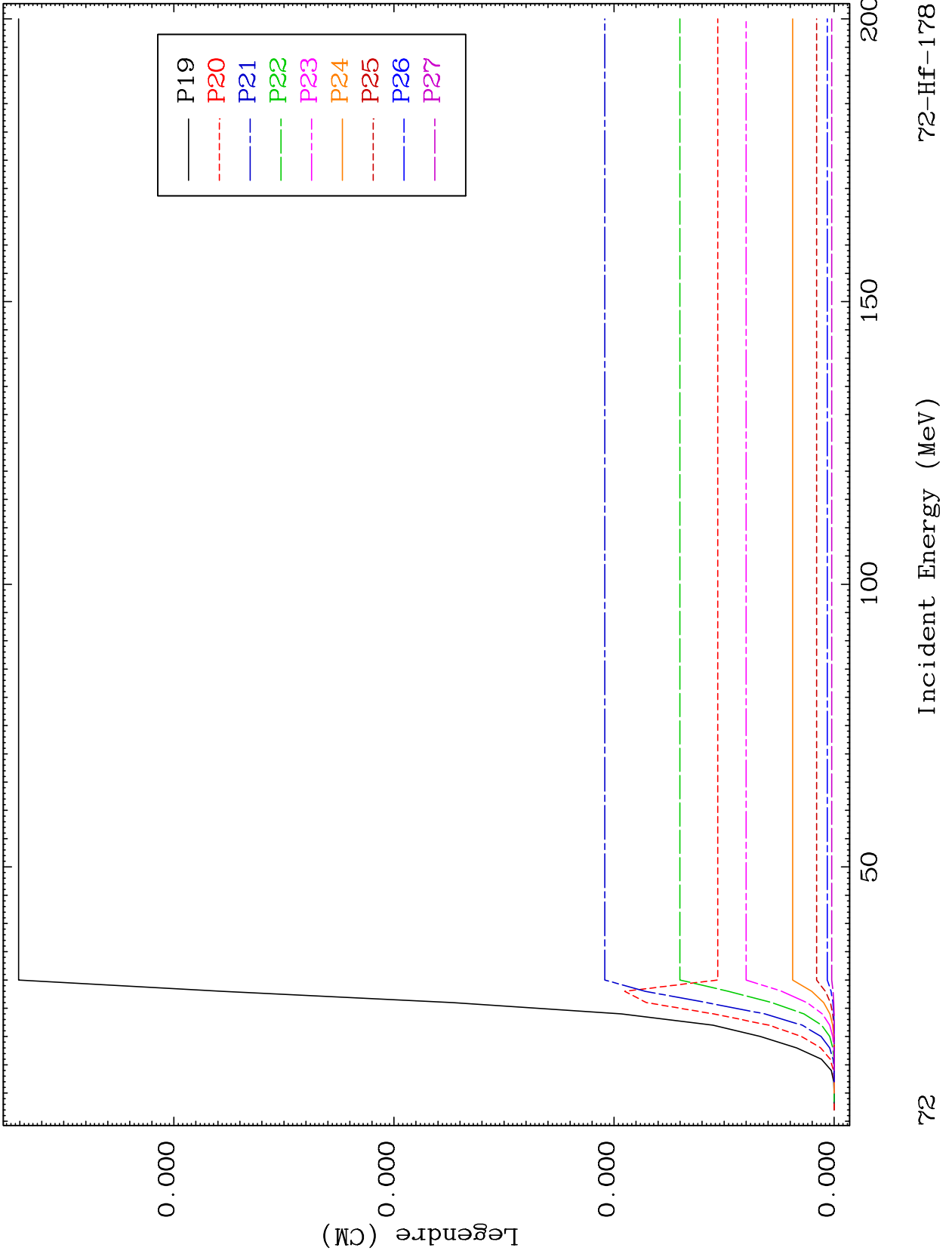
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178

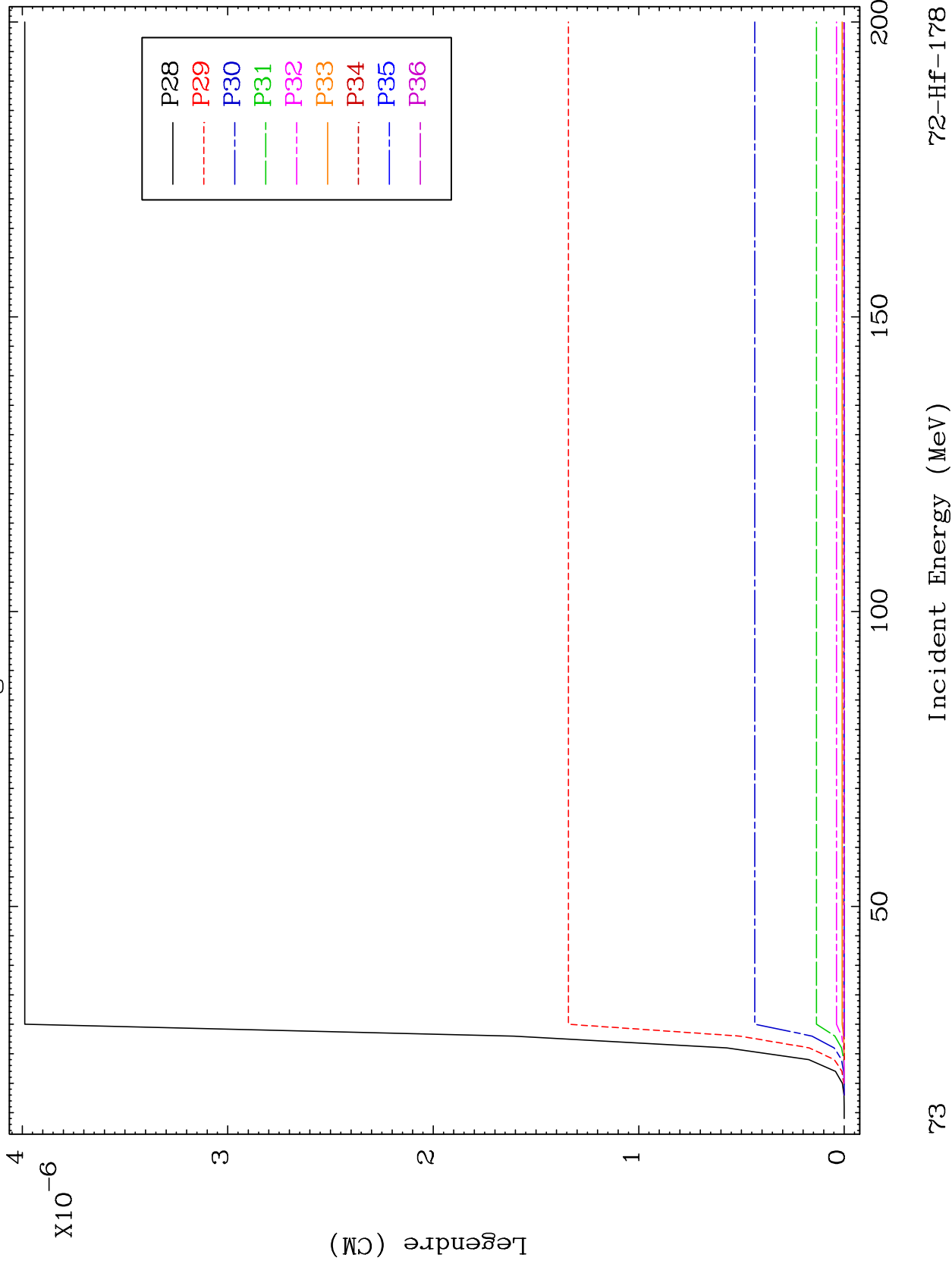


72

MAT 7237

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

72-Hf-178



73

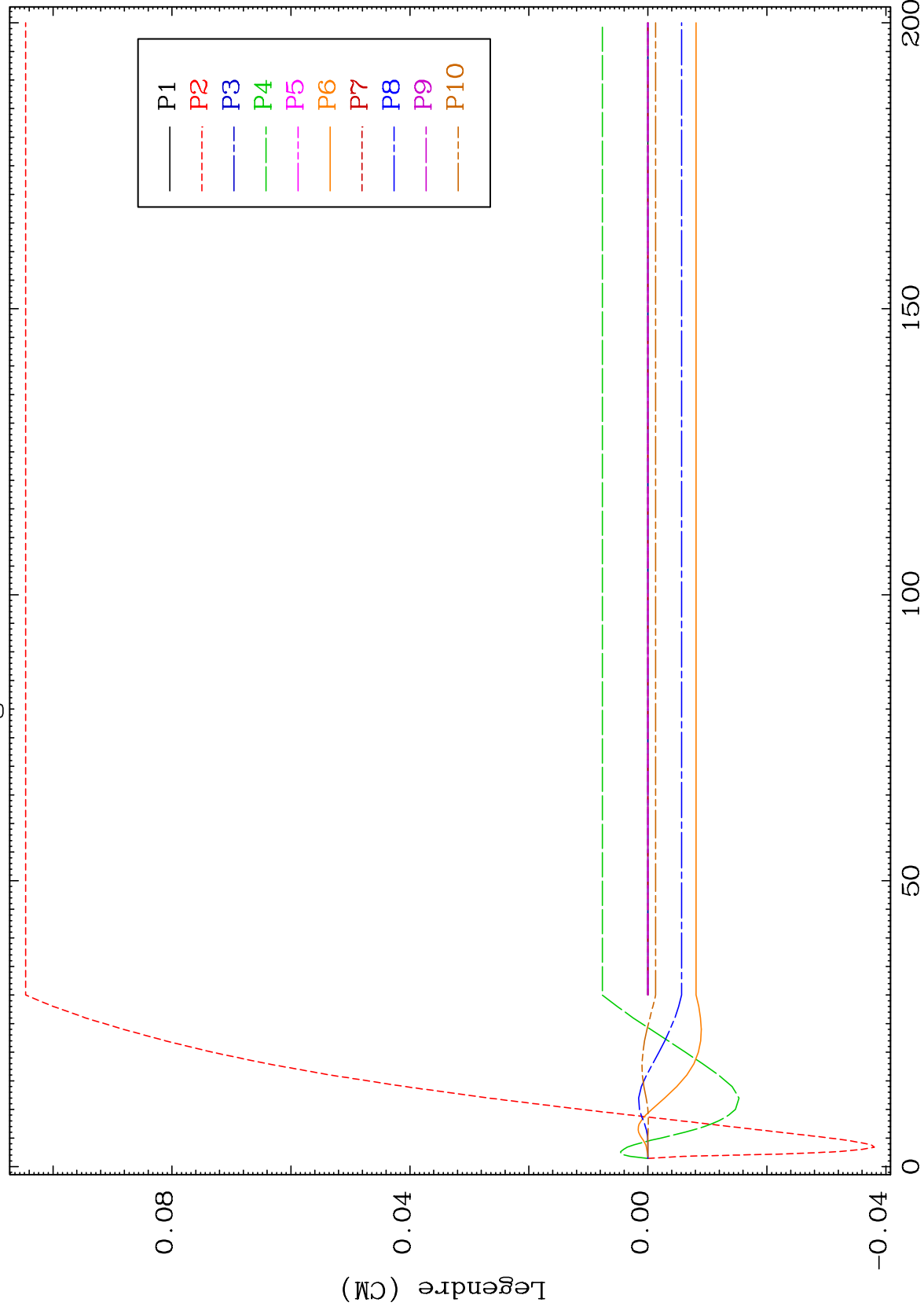
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



74

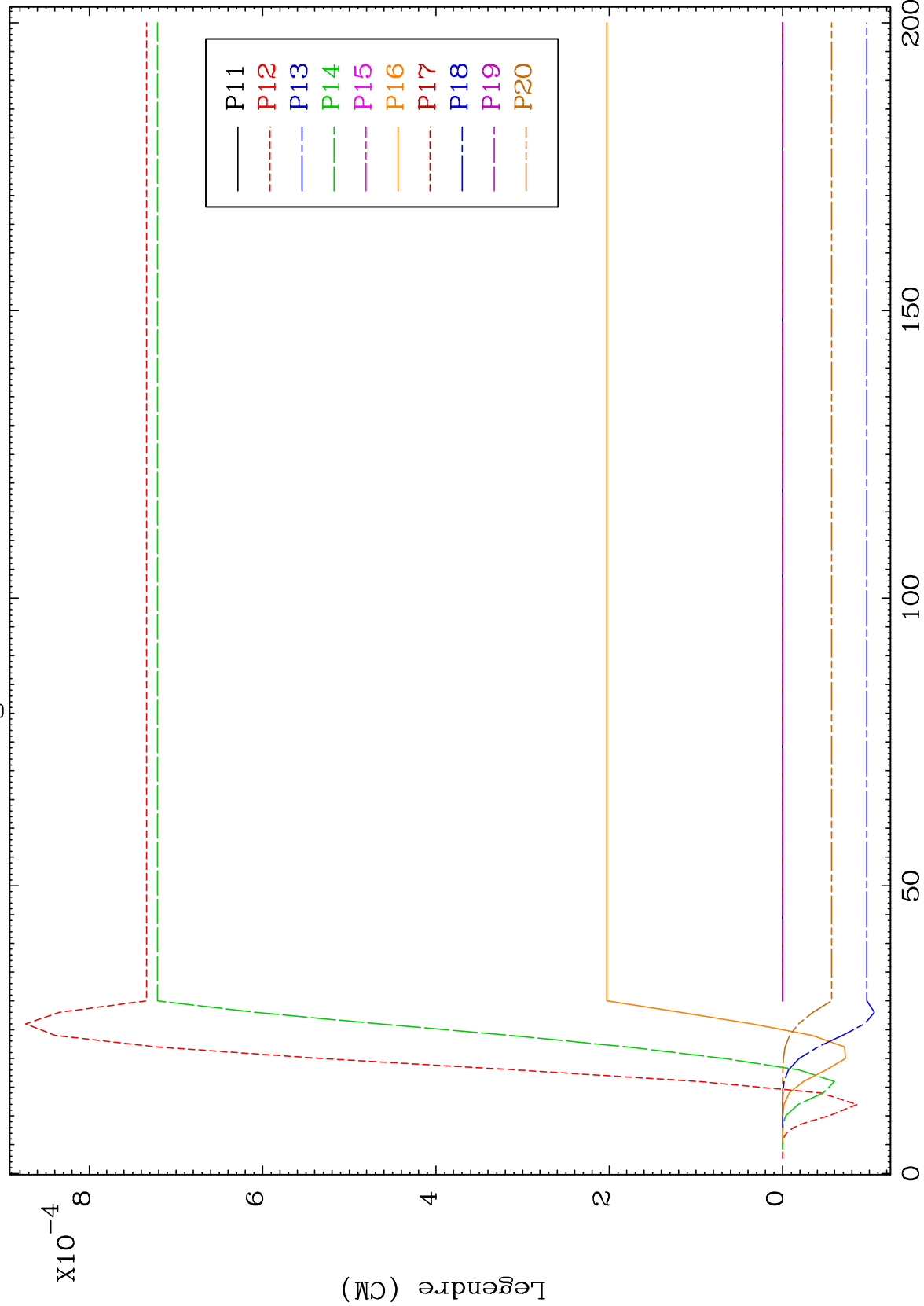
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



75

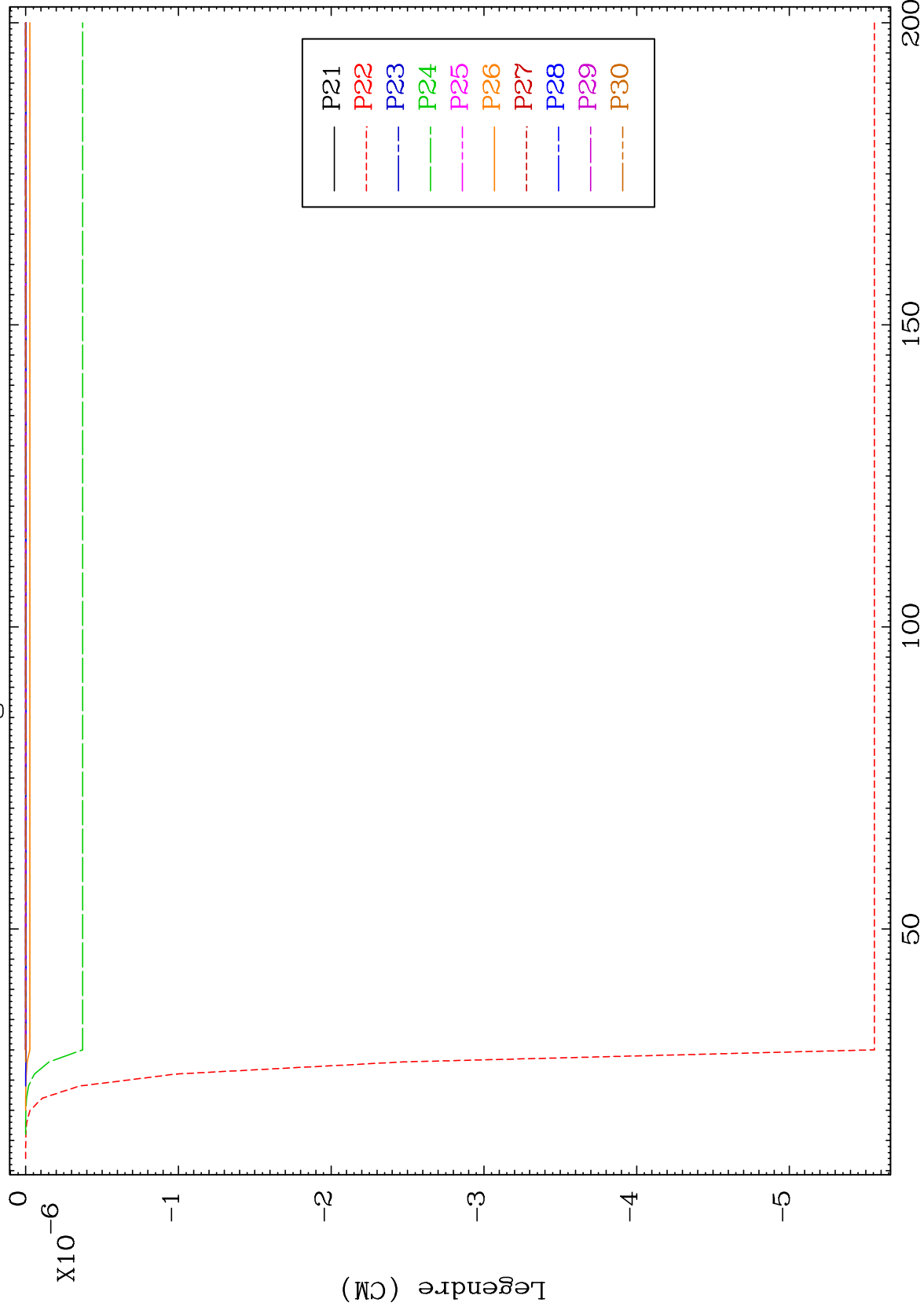
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



76

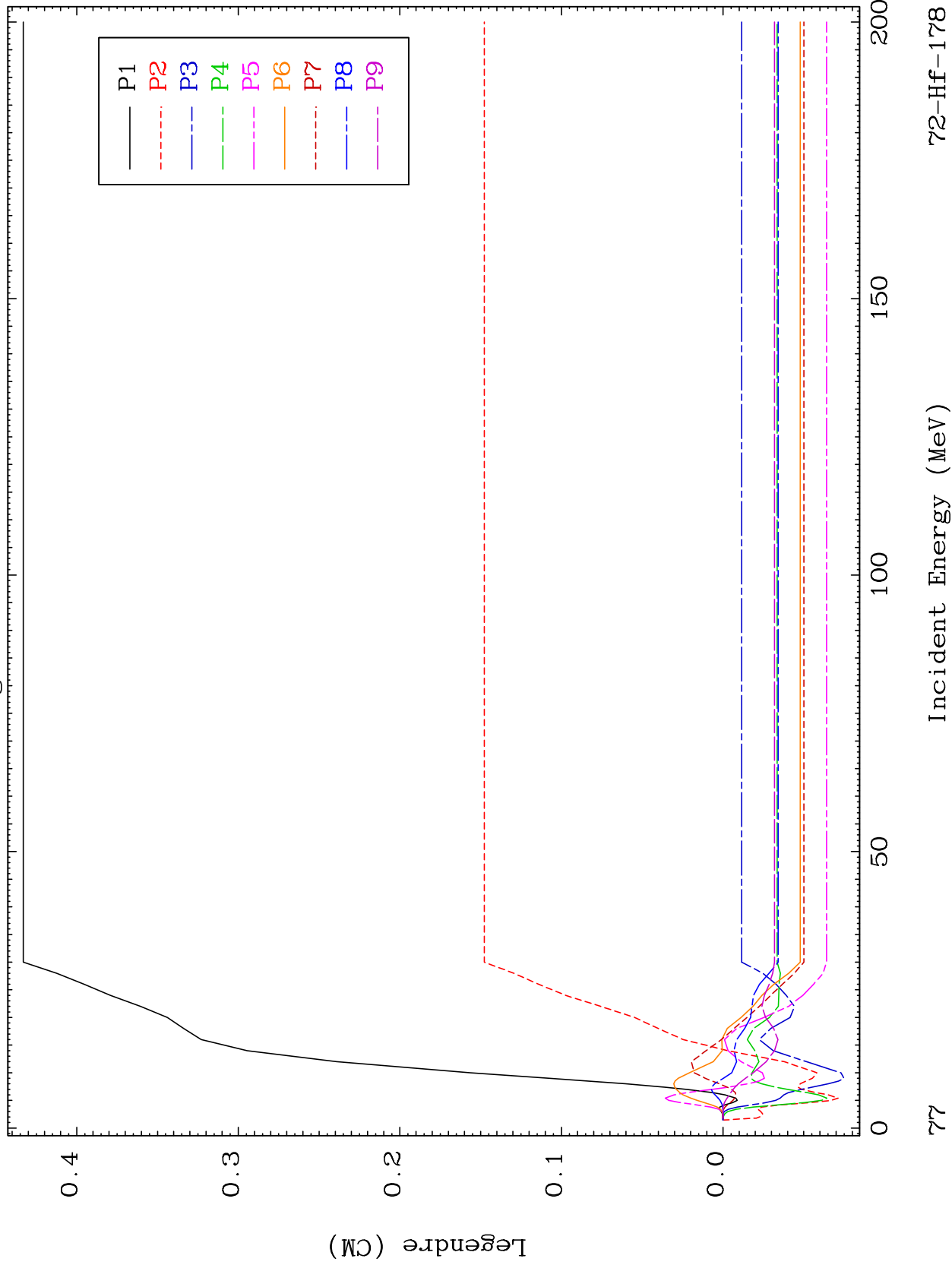
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



77

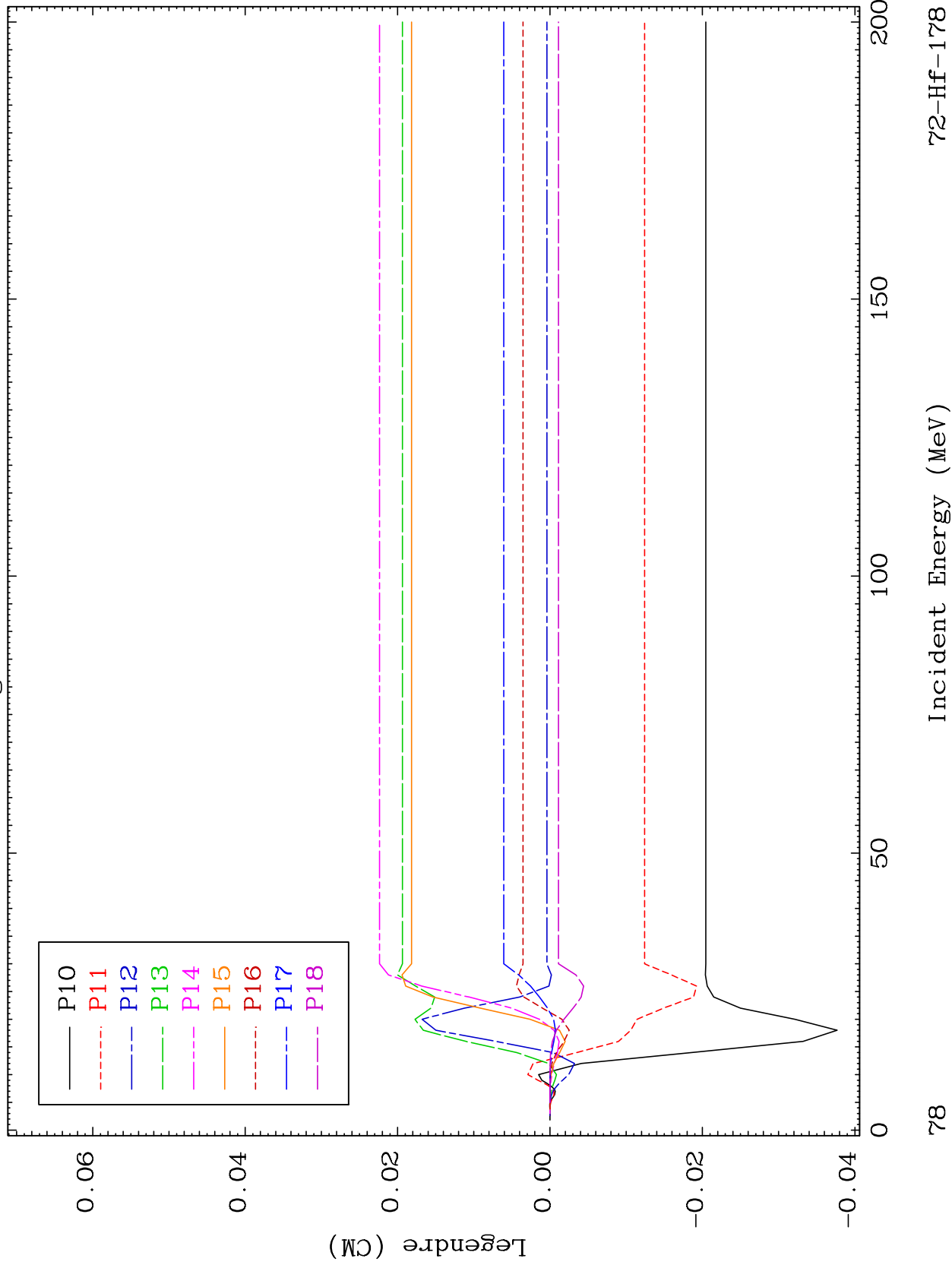
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



72-Hf-178

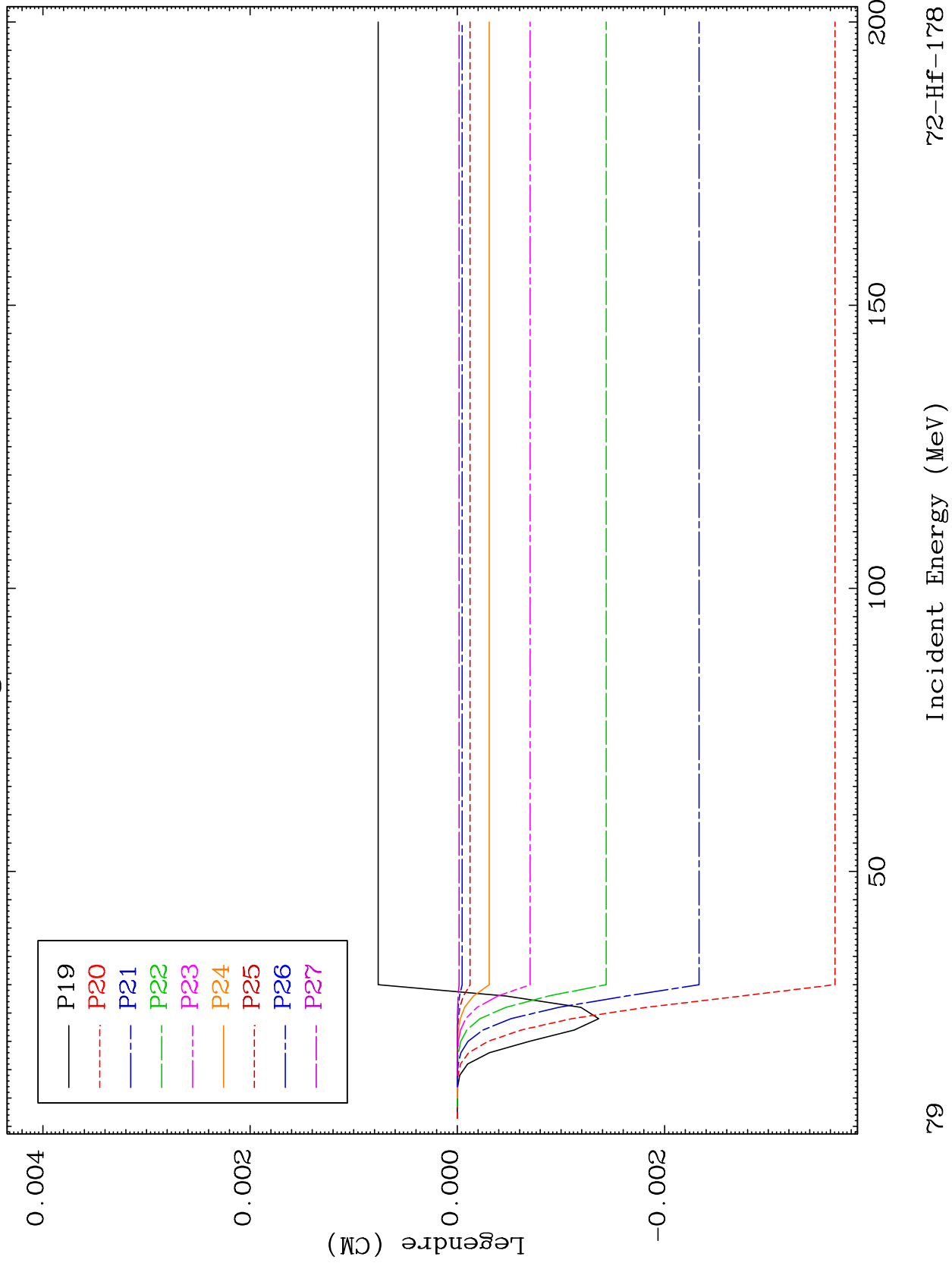
Incident Energy (MeV)

78

MAT 7237

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

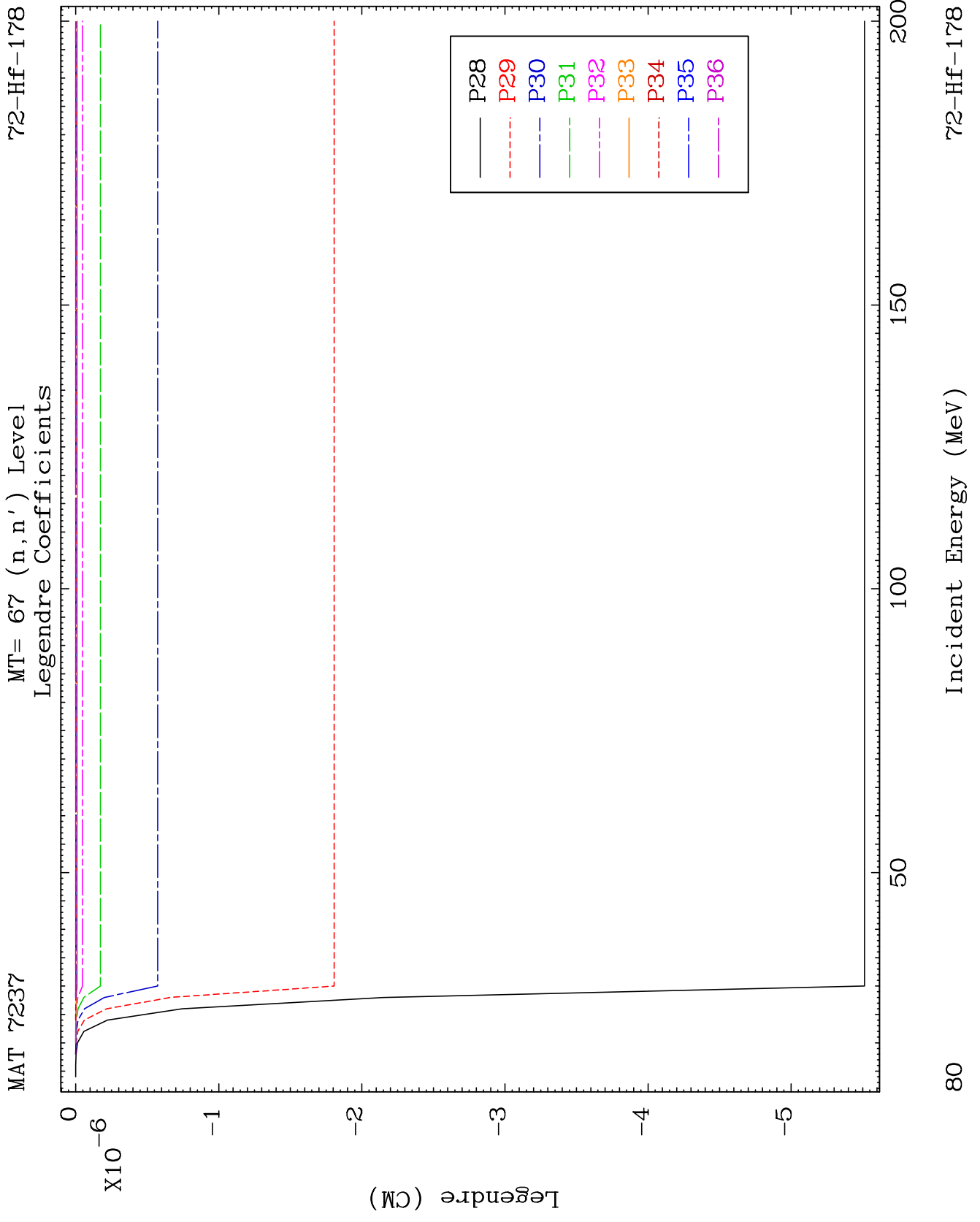
72-Hf-178



79

Incident Energy (MeV)

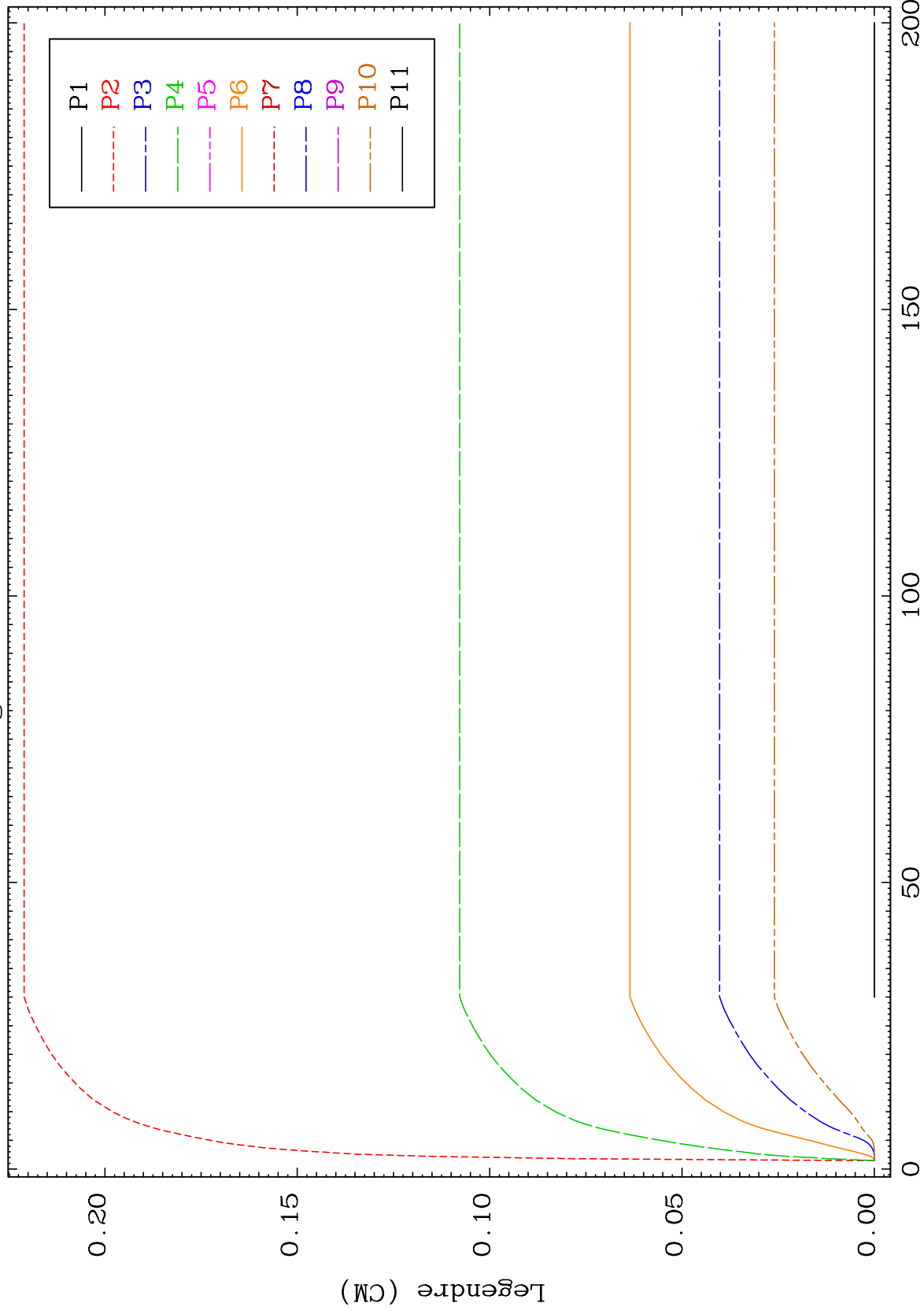
72-Hf-178



MAT 7237

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

72-Hf-178



81

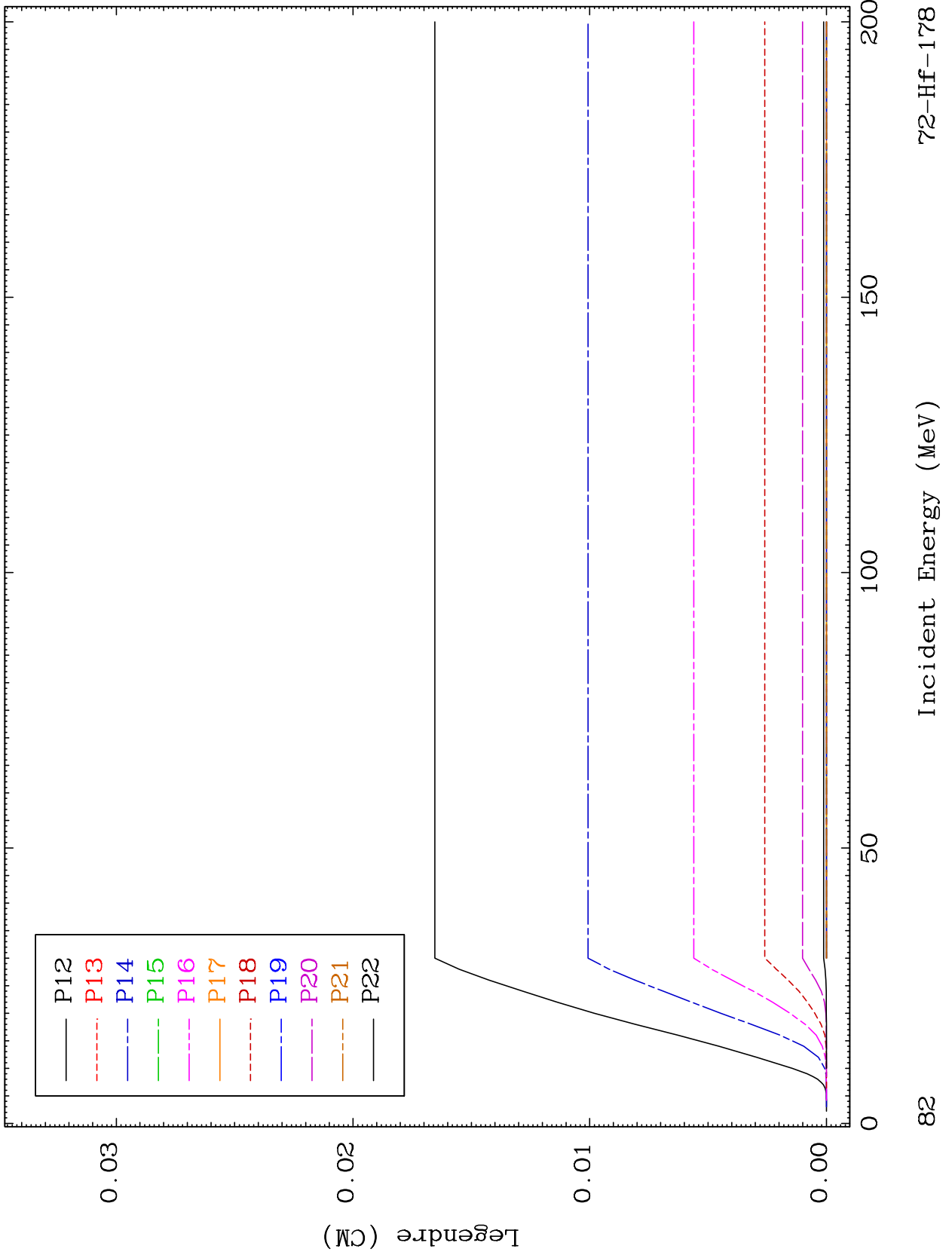
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



82

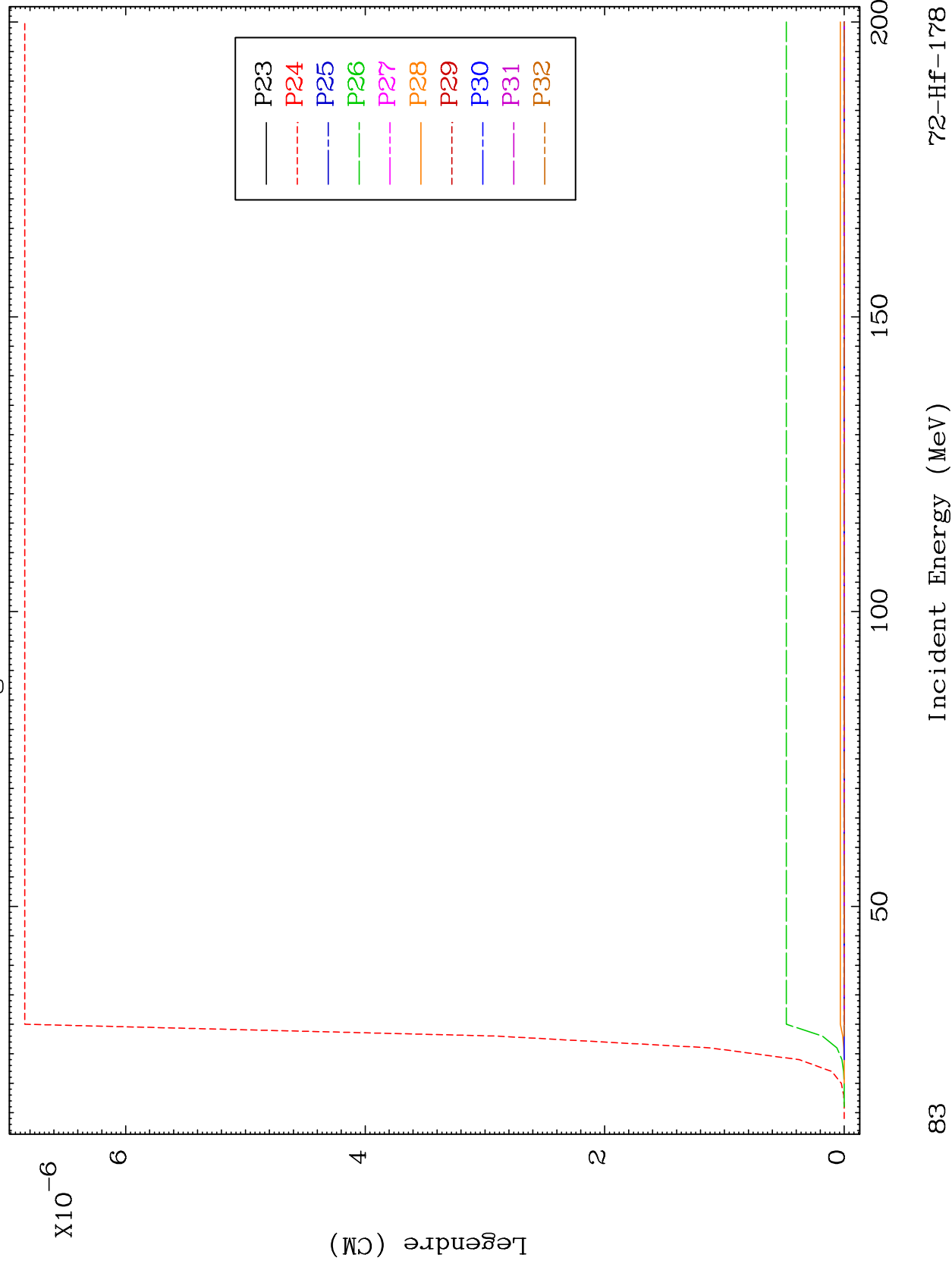
Incident Energy (MeV)

72-Hf-178

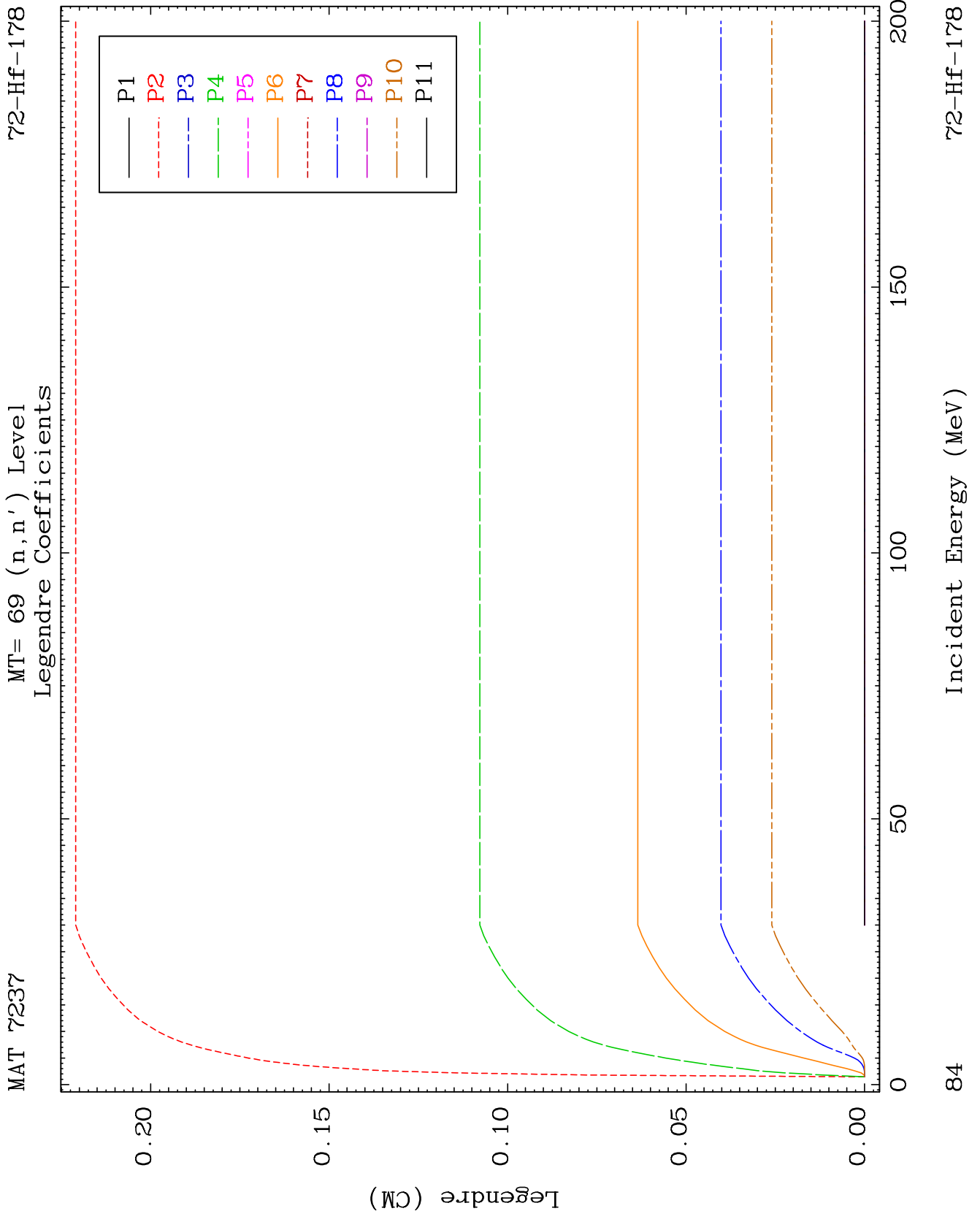
MAT 7237

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

72-Hf-178



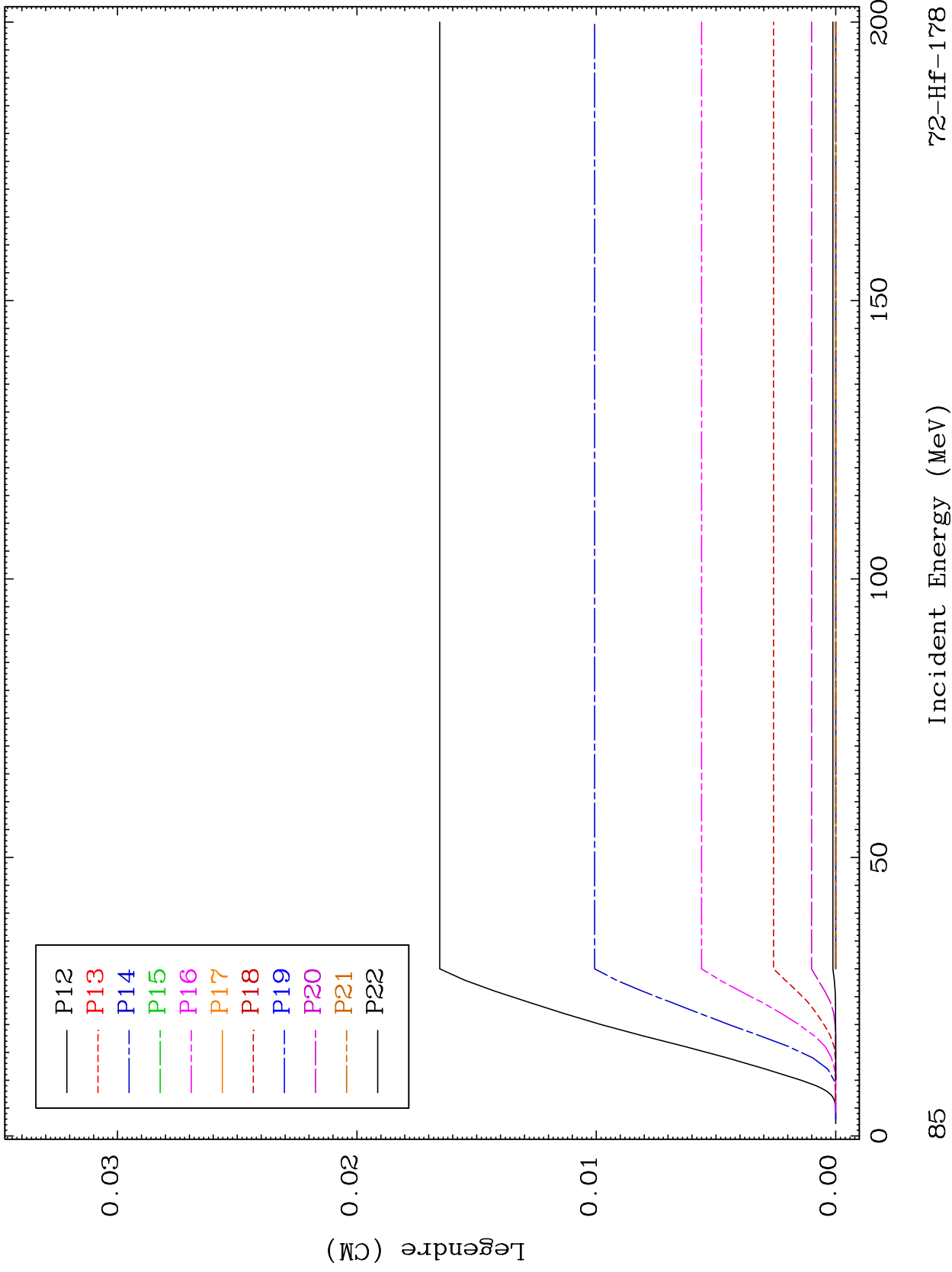
83



MAT 7237

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

72-Hf-178



72-Hf-178

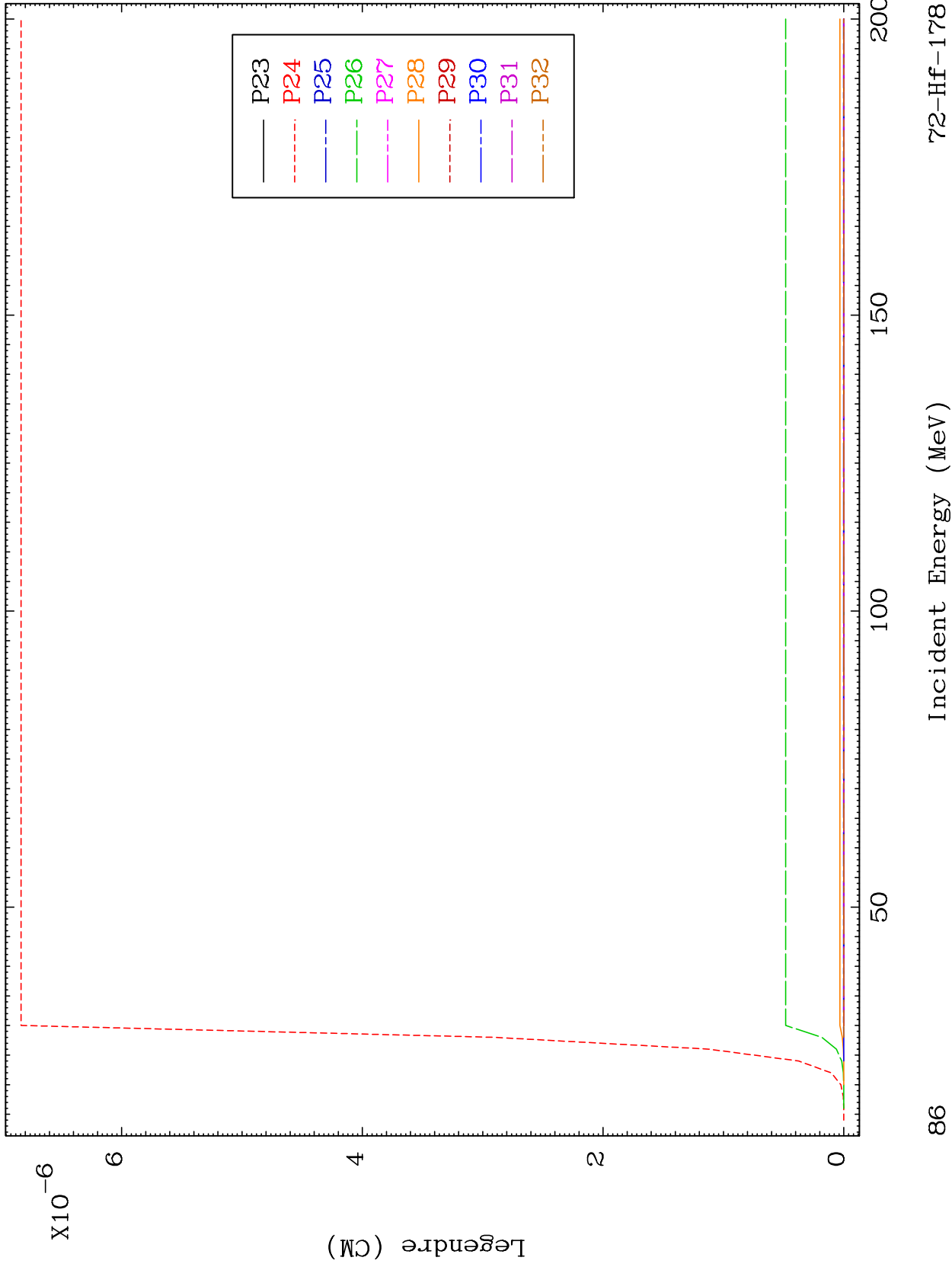
Incident Energy (MeV)

85

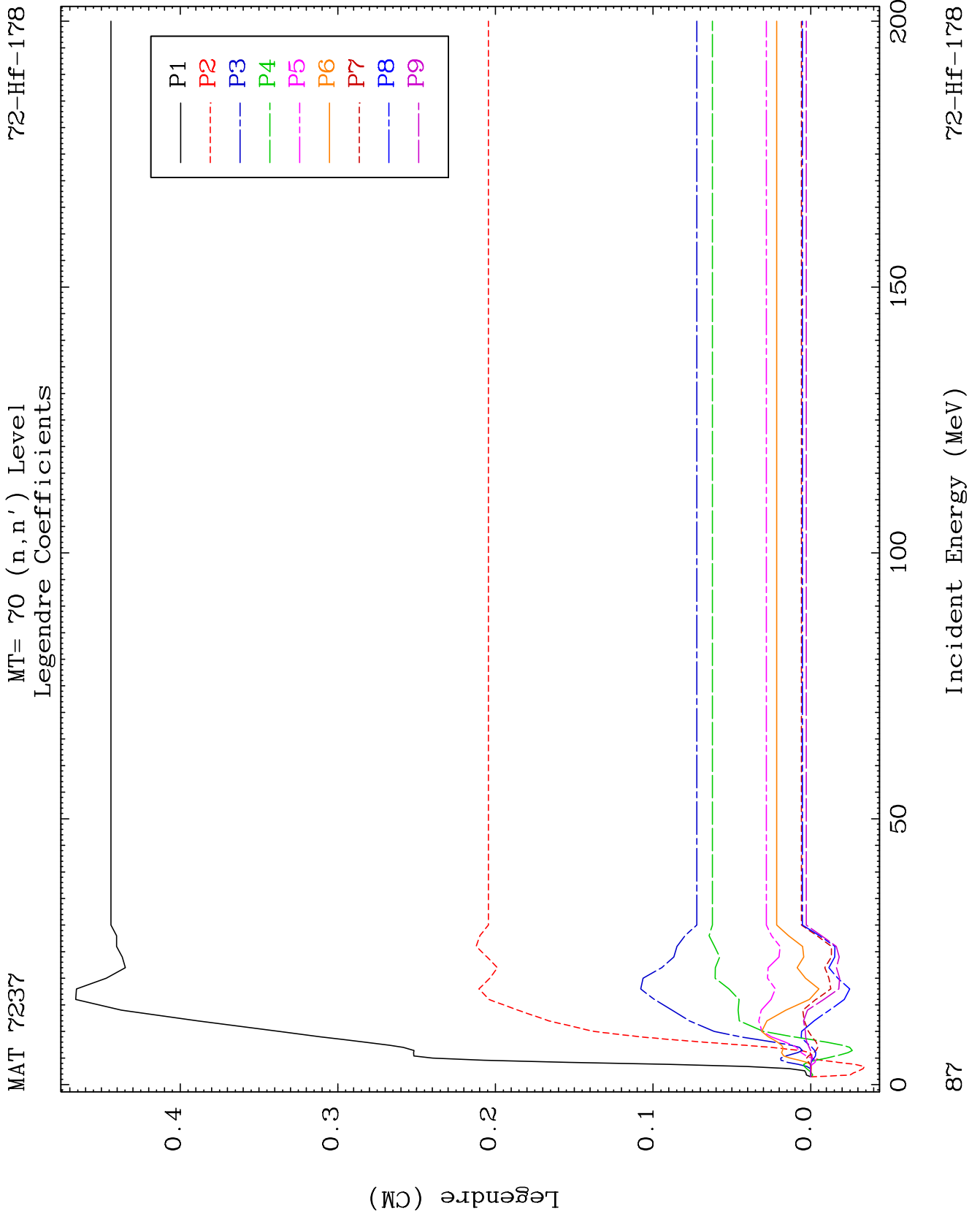
MAT 7237

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

72-Hf-178



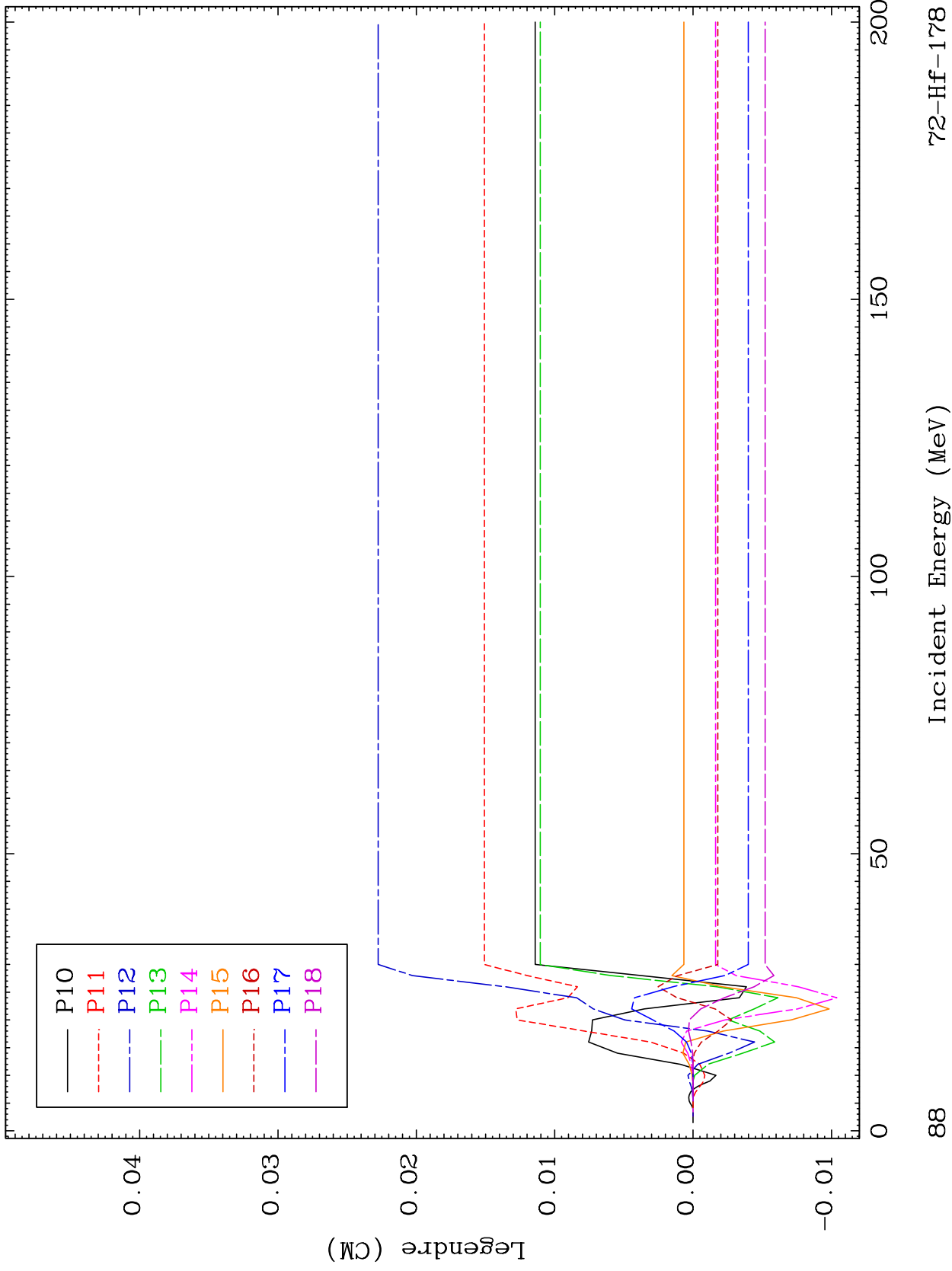
86



MAT 7237

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

72-Hf-178



88

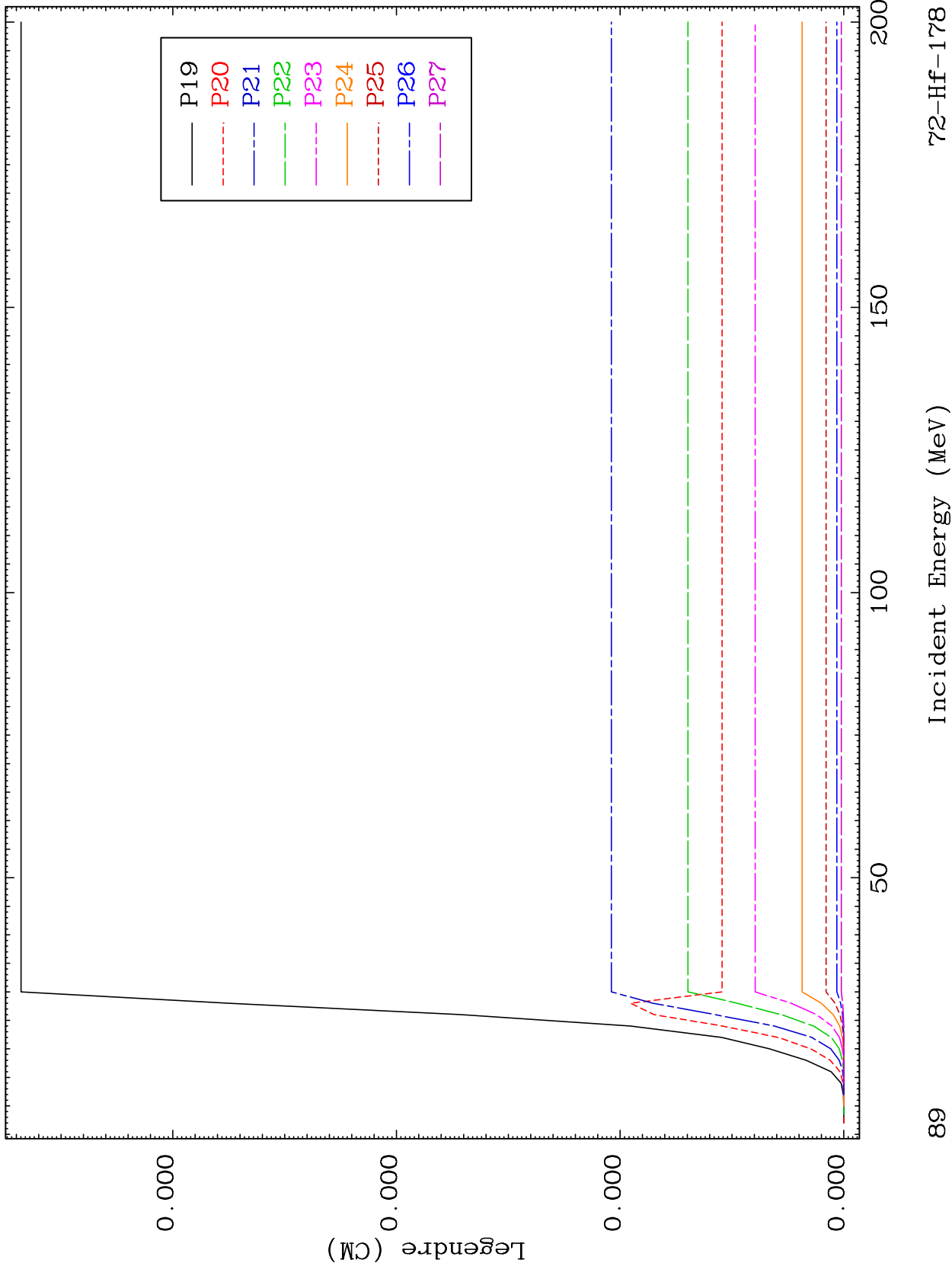
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

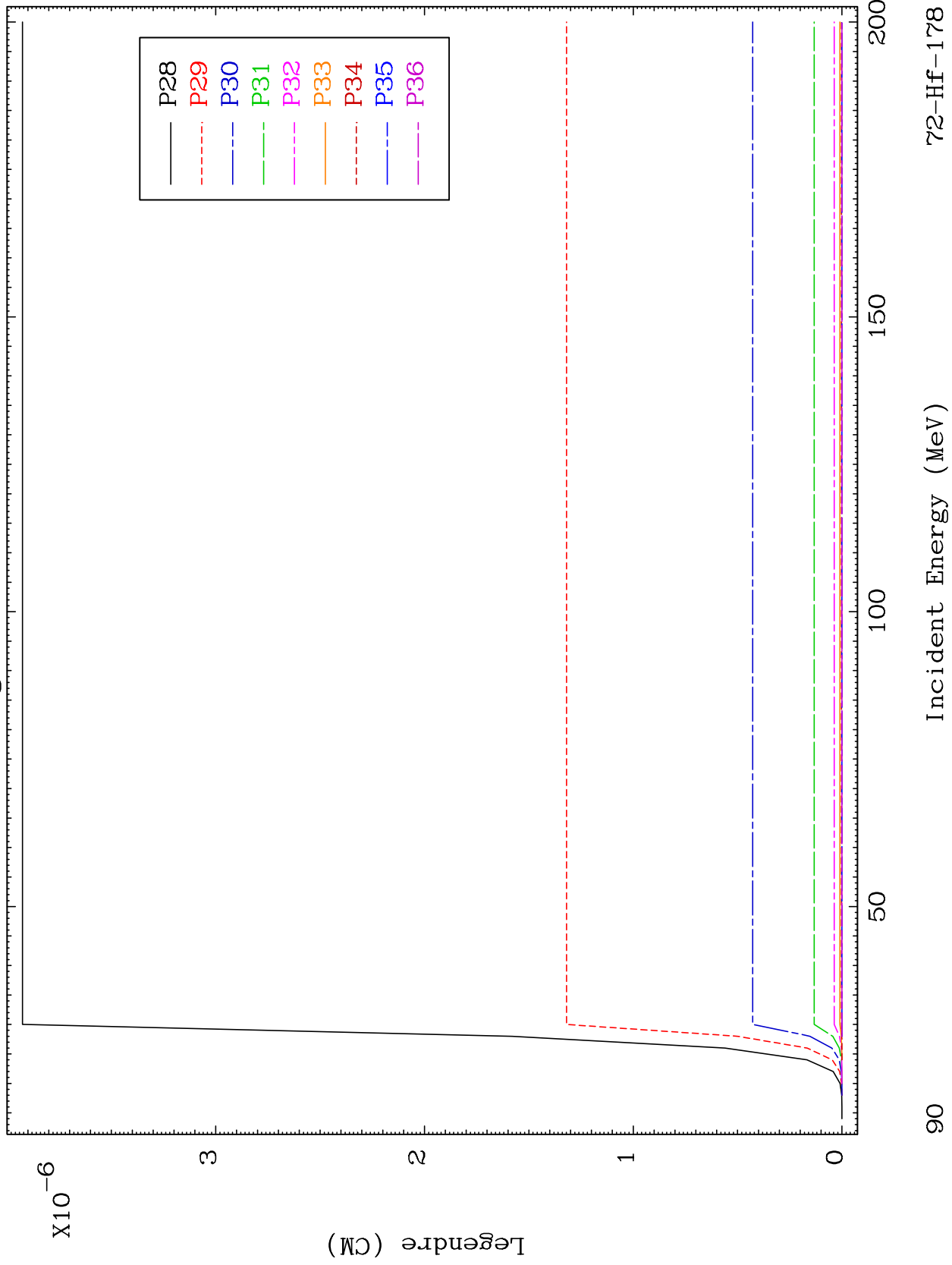
72-Hf-178



MAT 7237

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

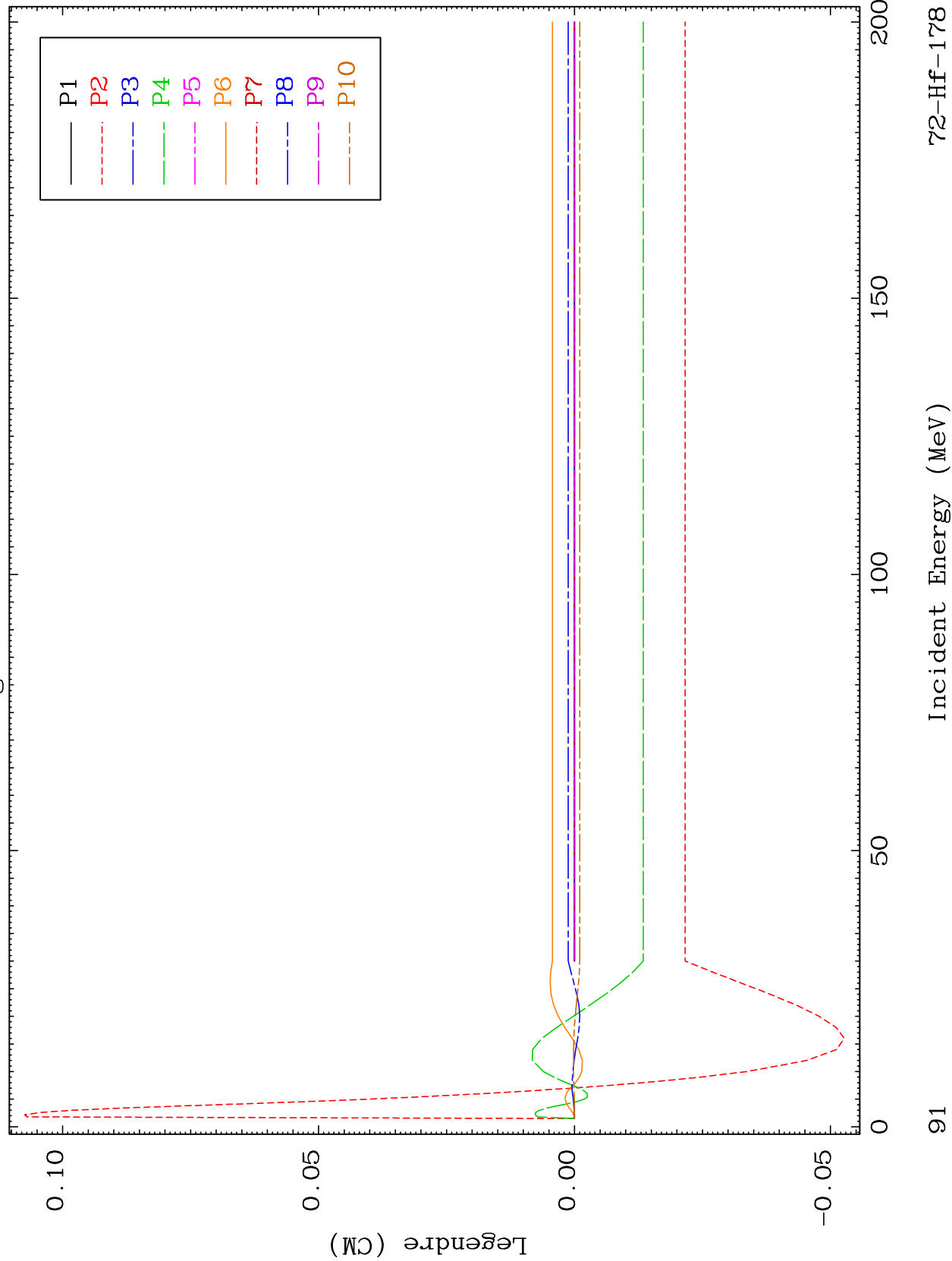
72-Hf-178



MAT 7237

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

72-Hf-178



72-Hf-178

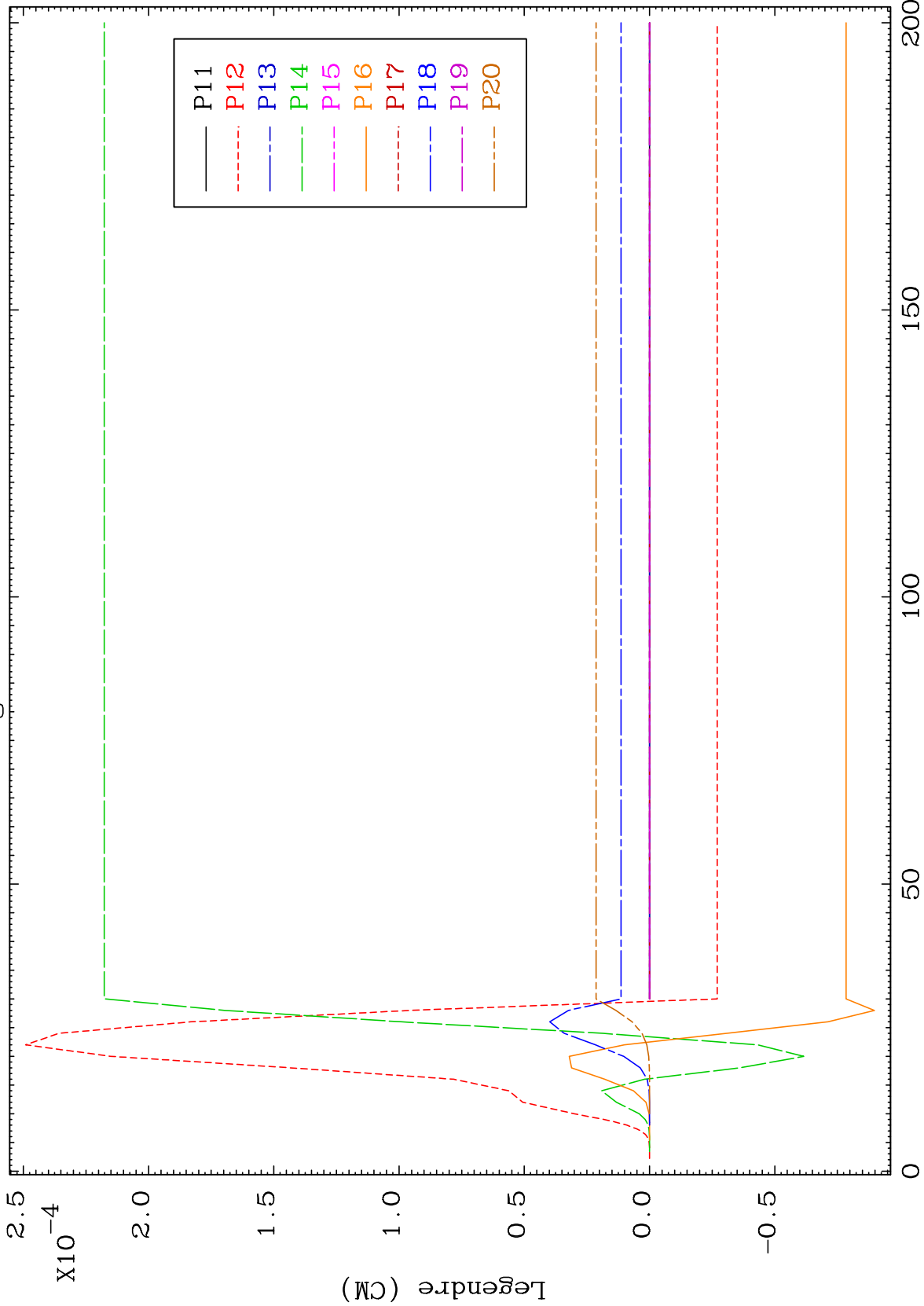
Incident Energy (MeV)

91

MAT 7237

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

72-Hf-178



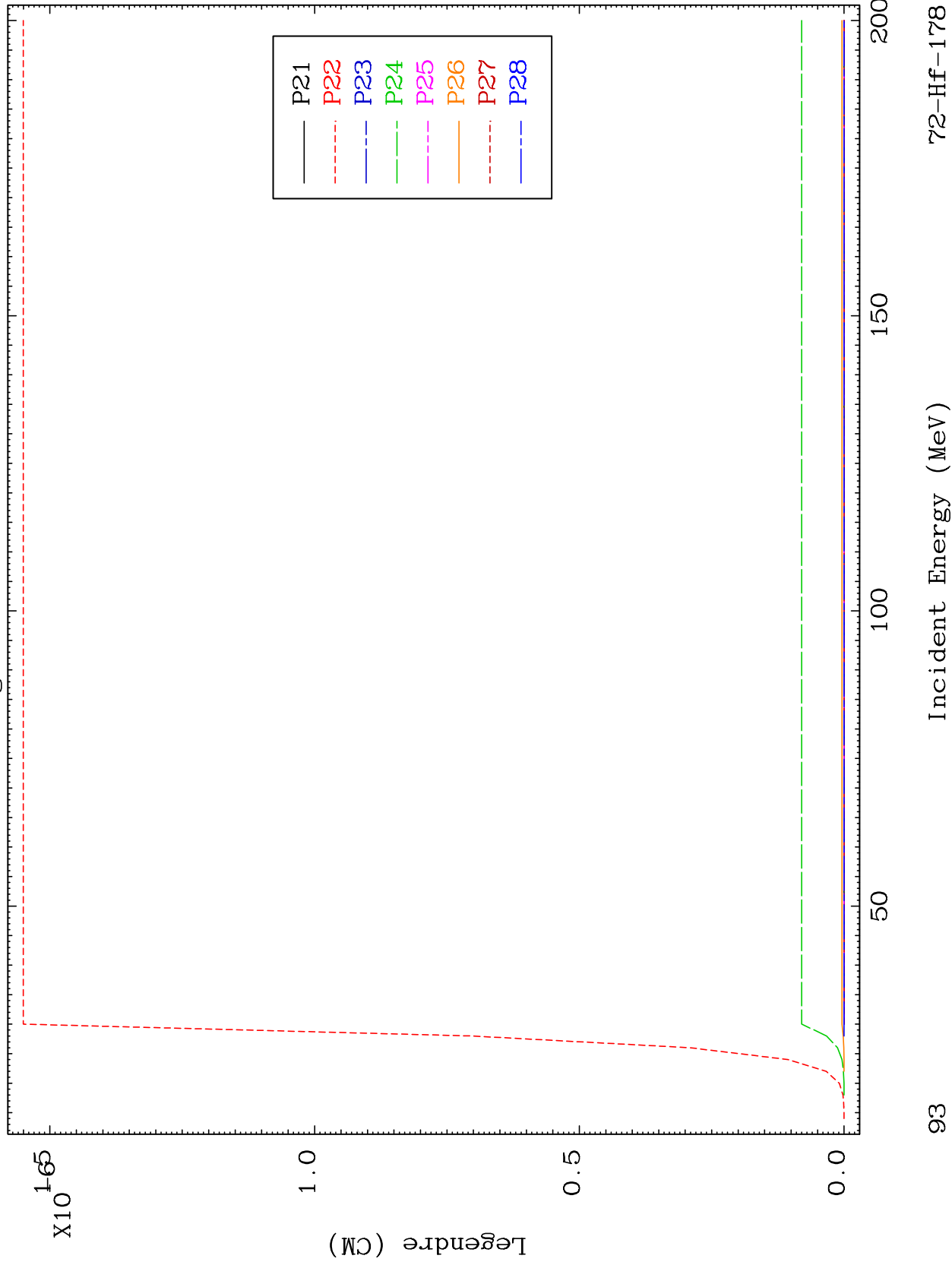
92

72-Hf-178

MAT 7237

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

72-Hf-178



93

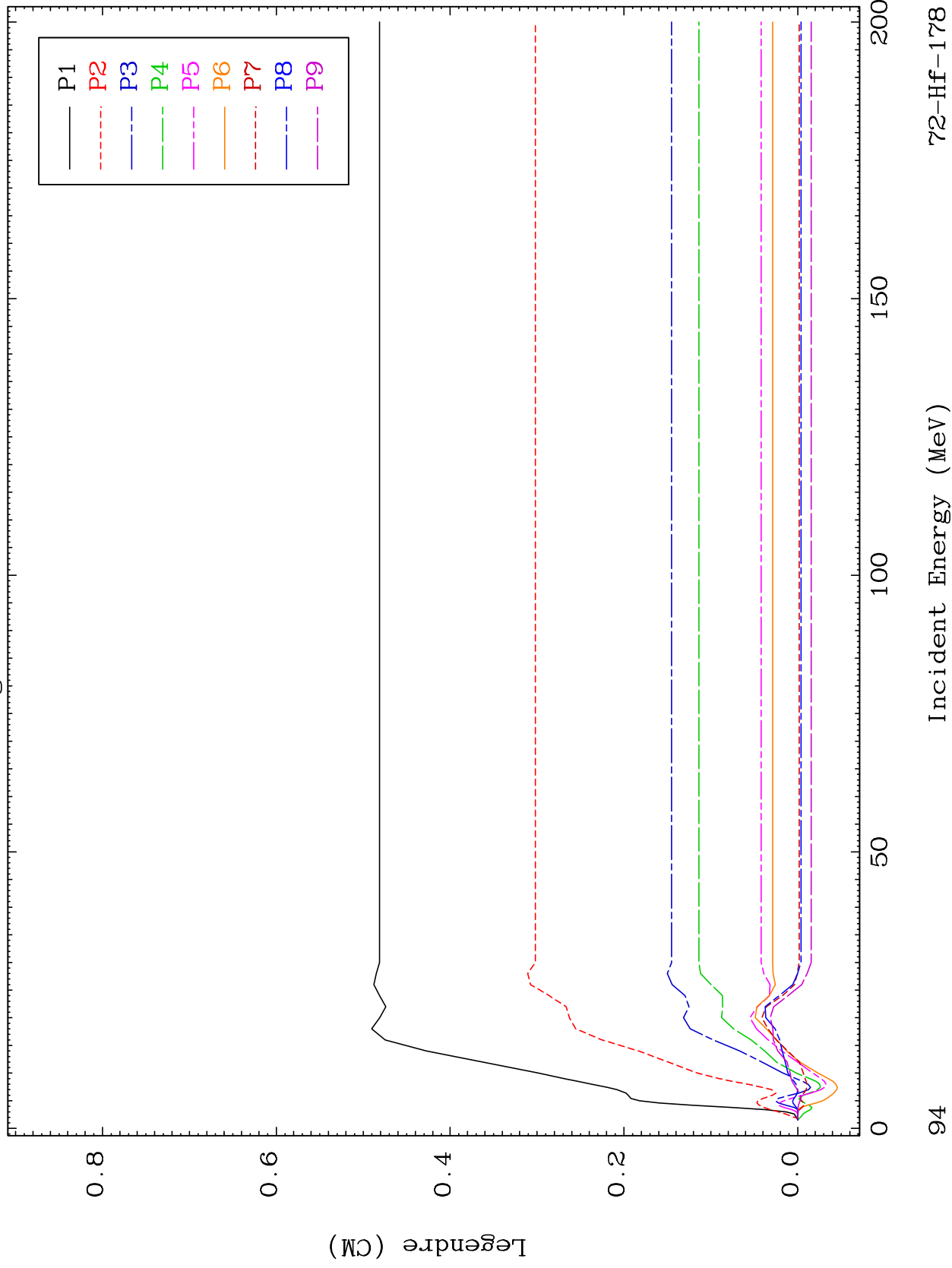
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

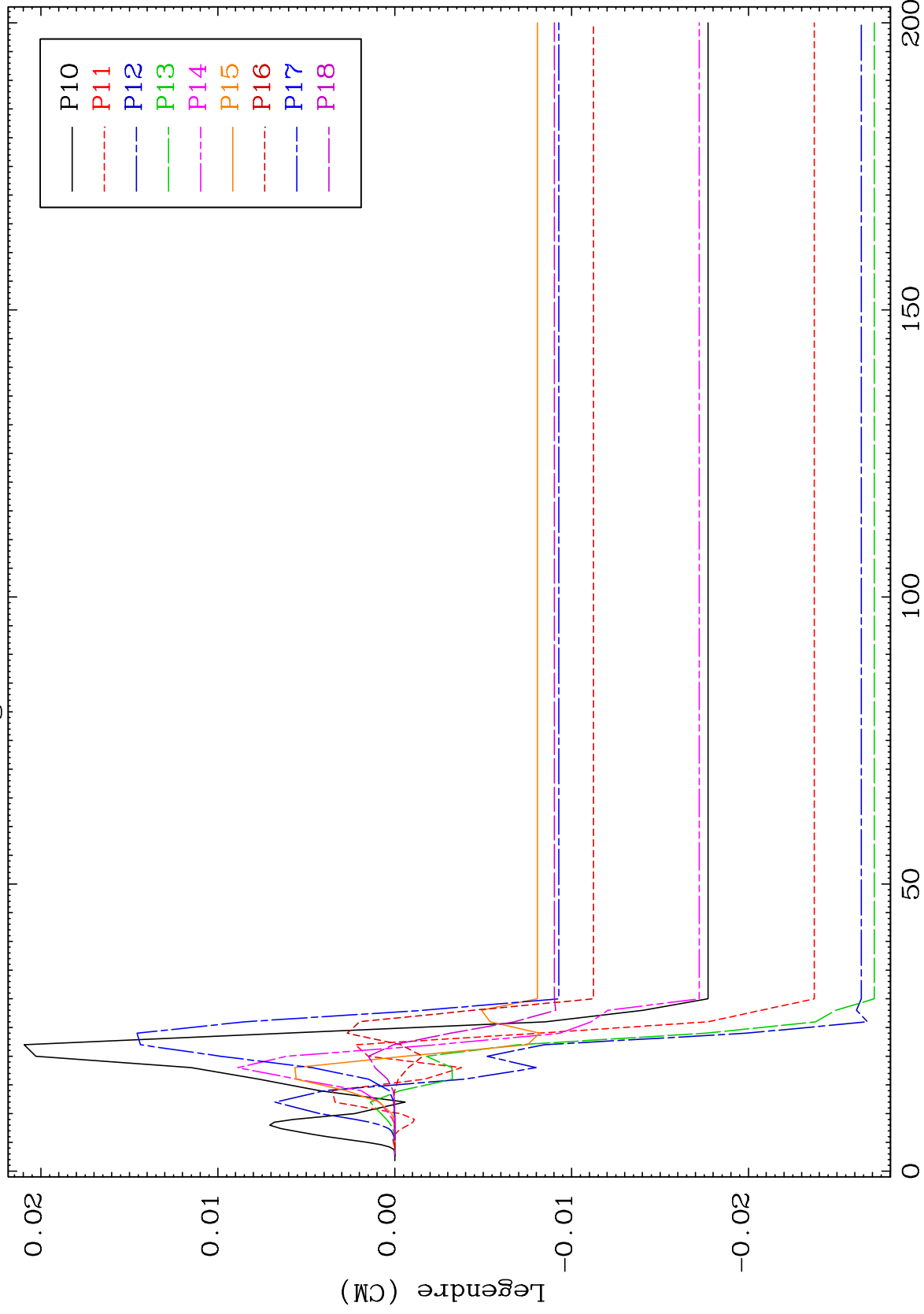
72-Hf-178



MAT 7237

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

72-Hf-178



95

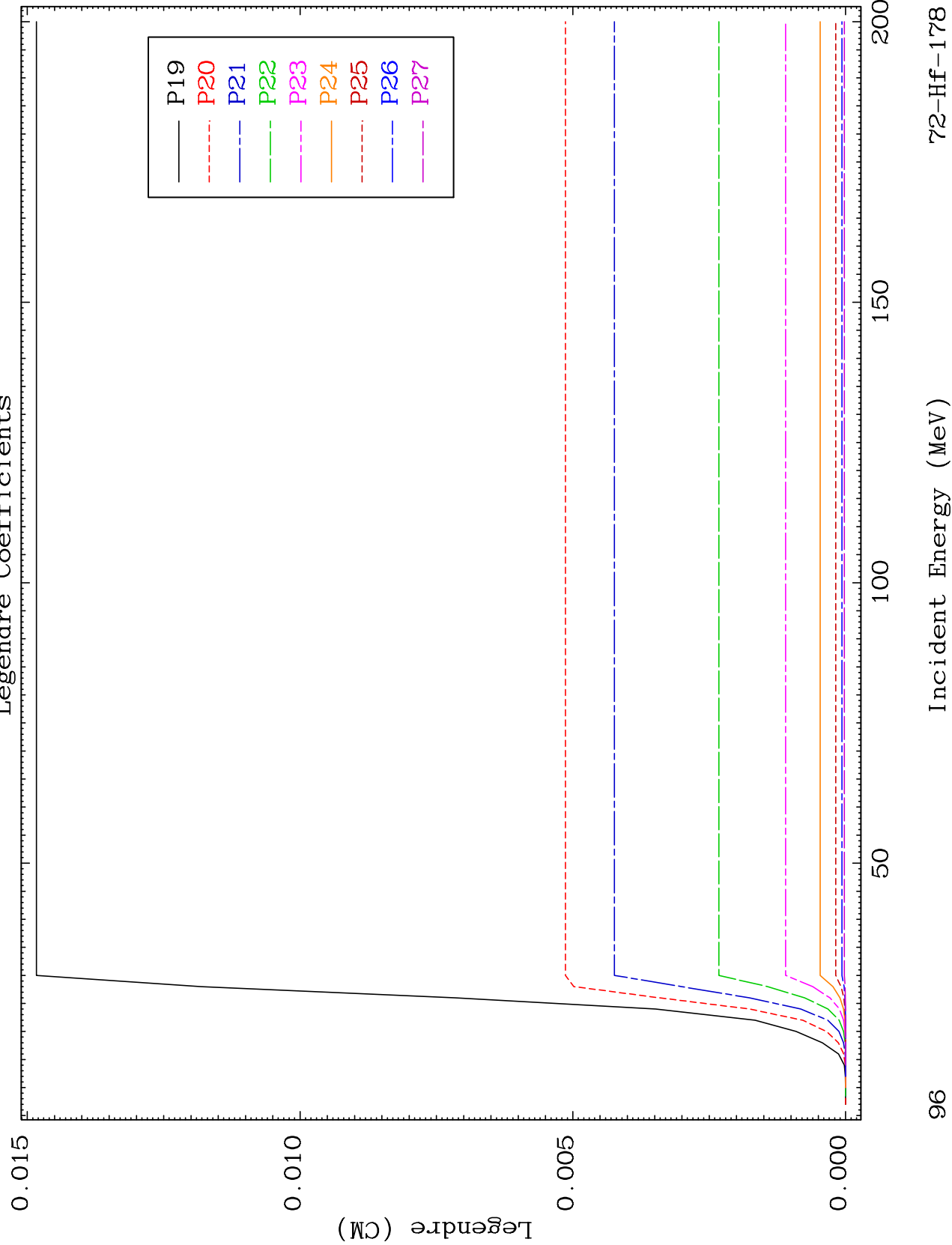
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



96

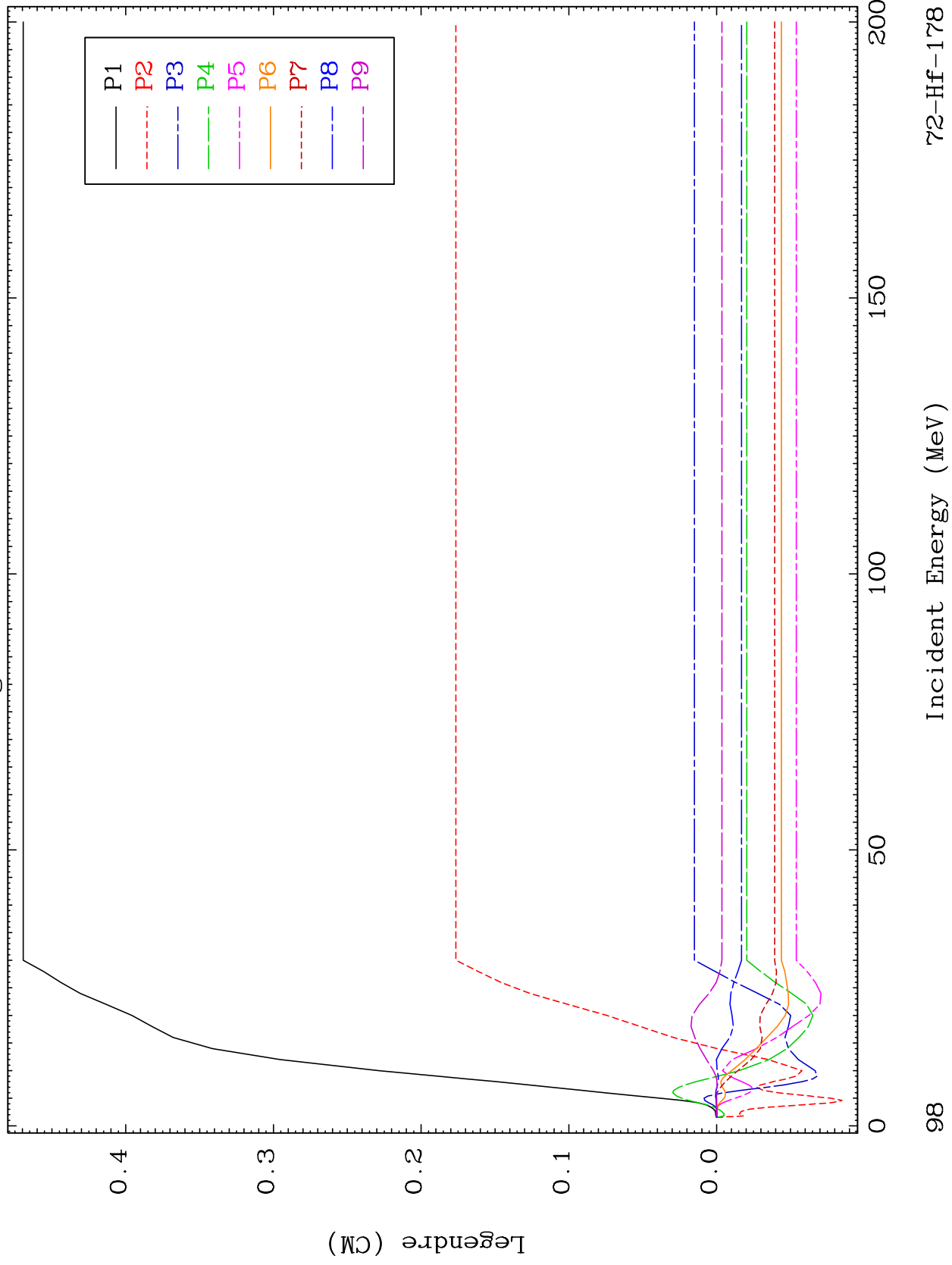
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



72-Hf-178

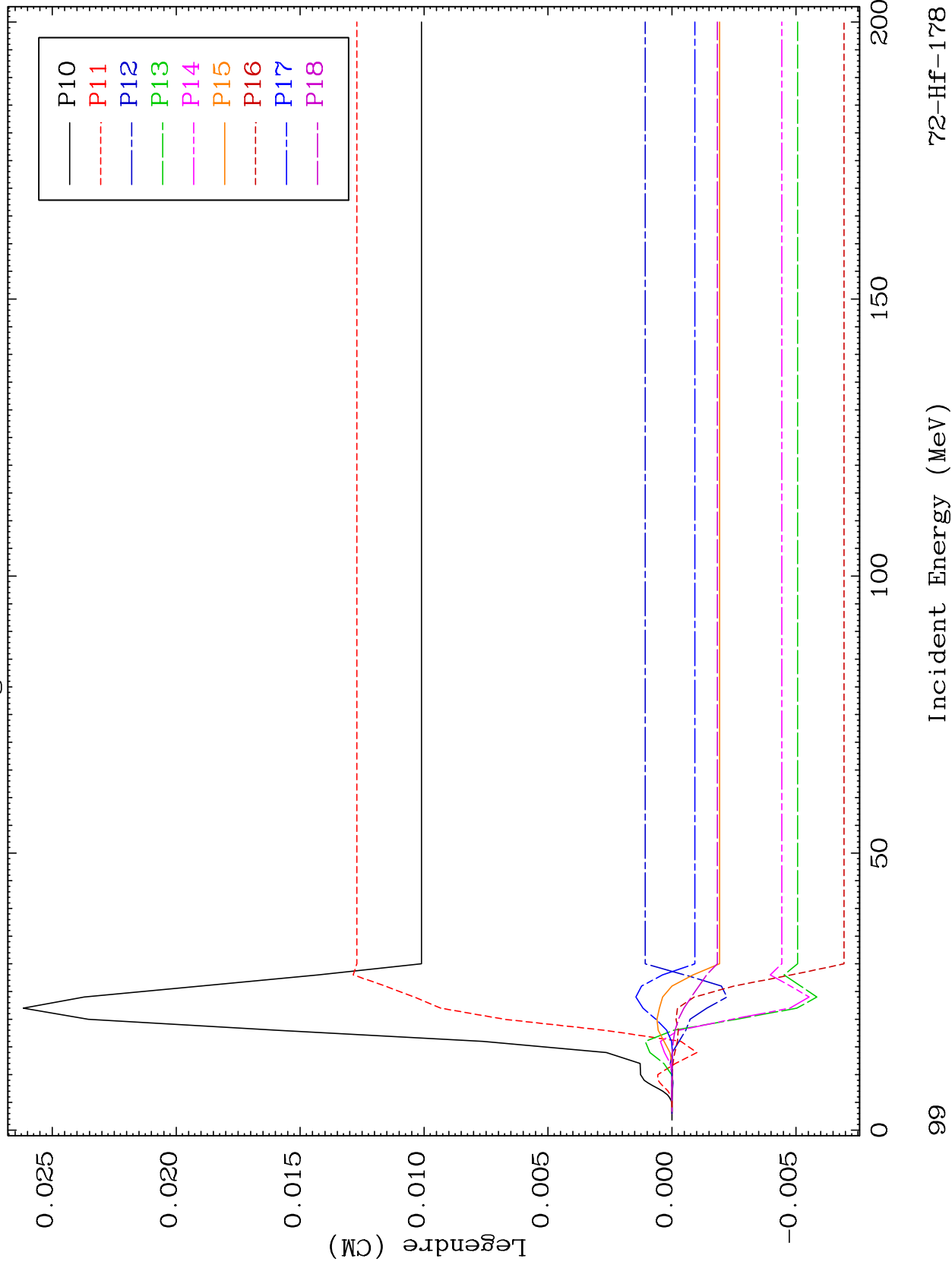
Incident Energy (MeV)

98

MAT 7237

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

72-Hf-178



99

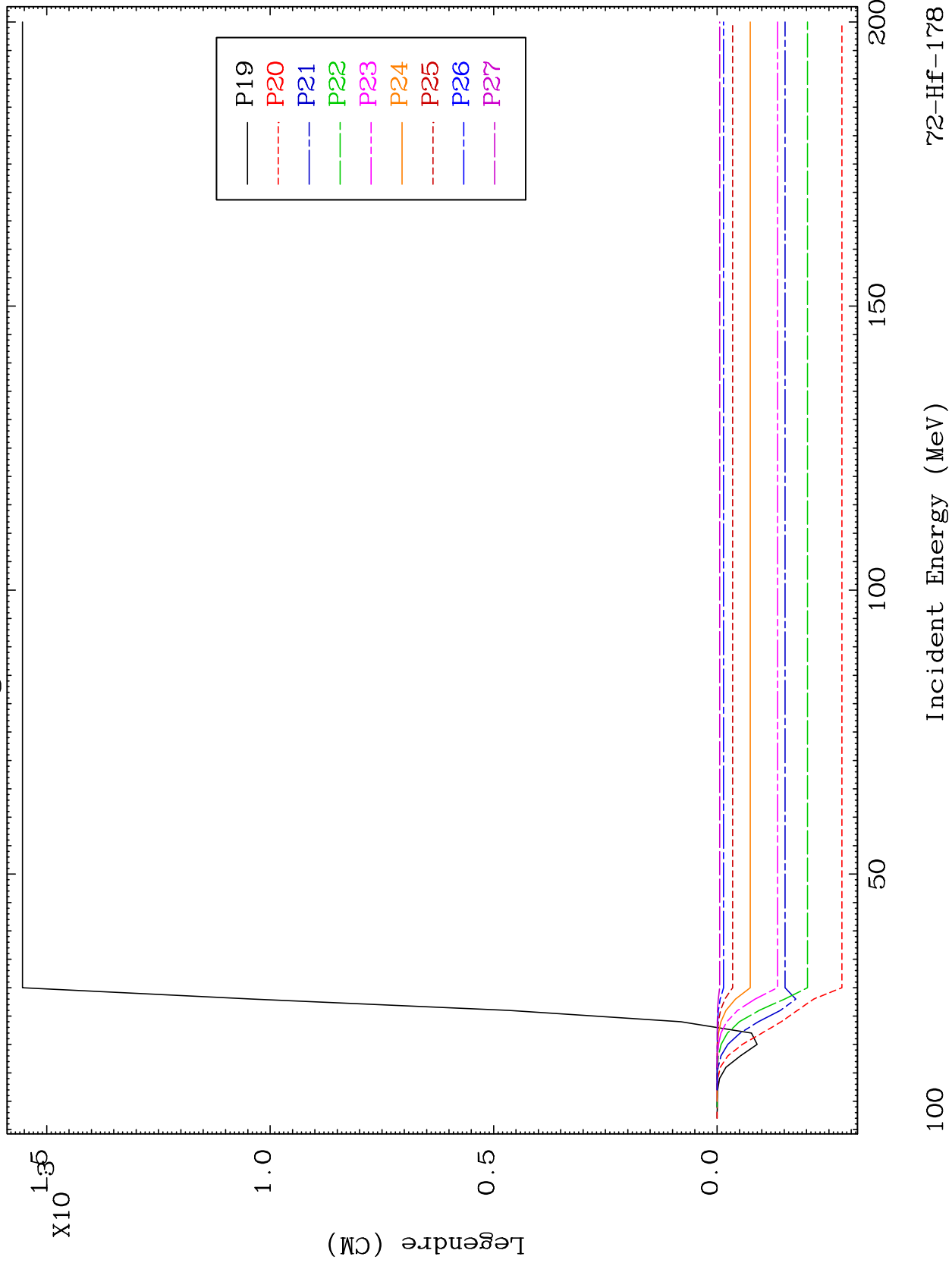
Incident Energy (MeV)

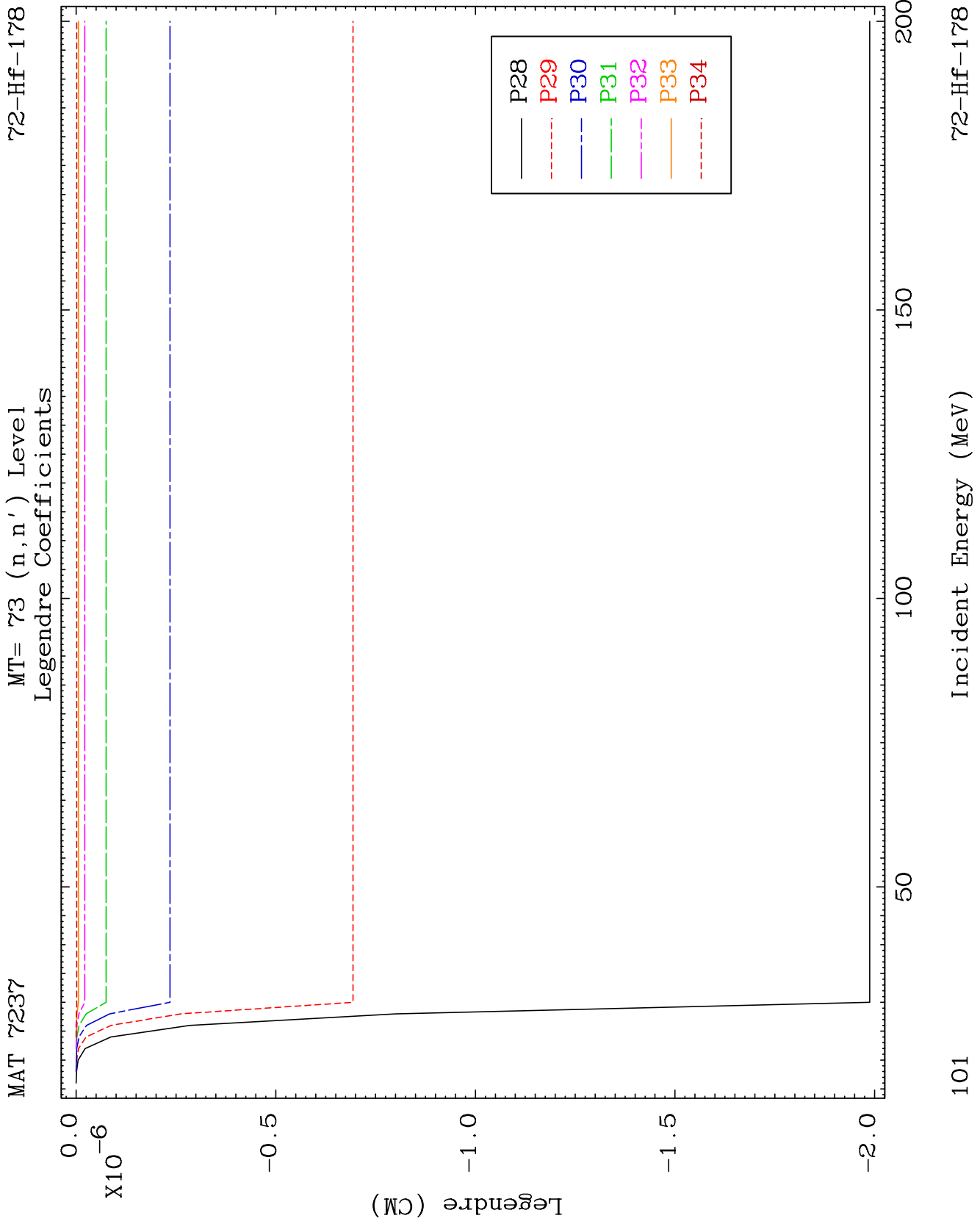
72-Hf-178

MAT 7237

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

72-Hf-178

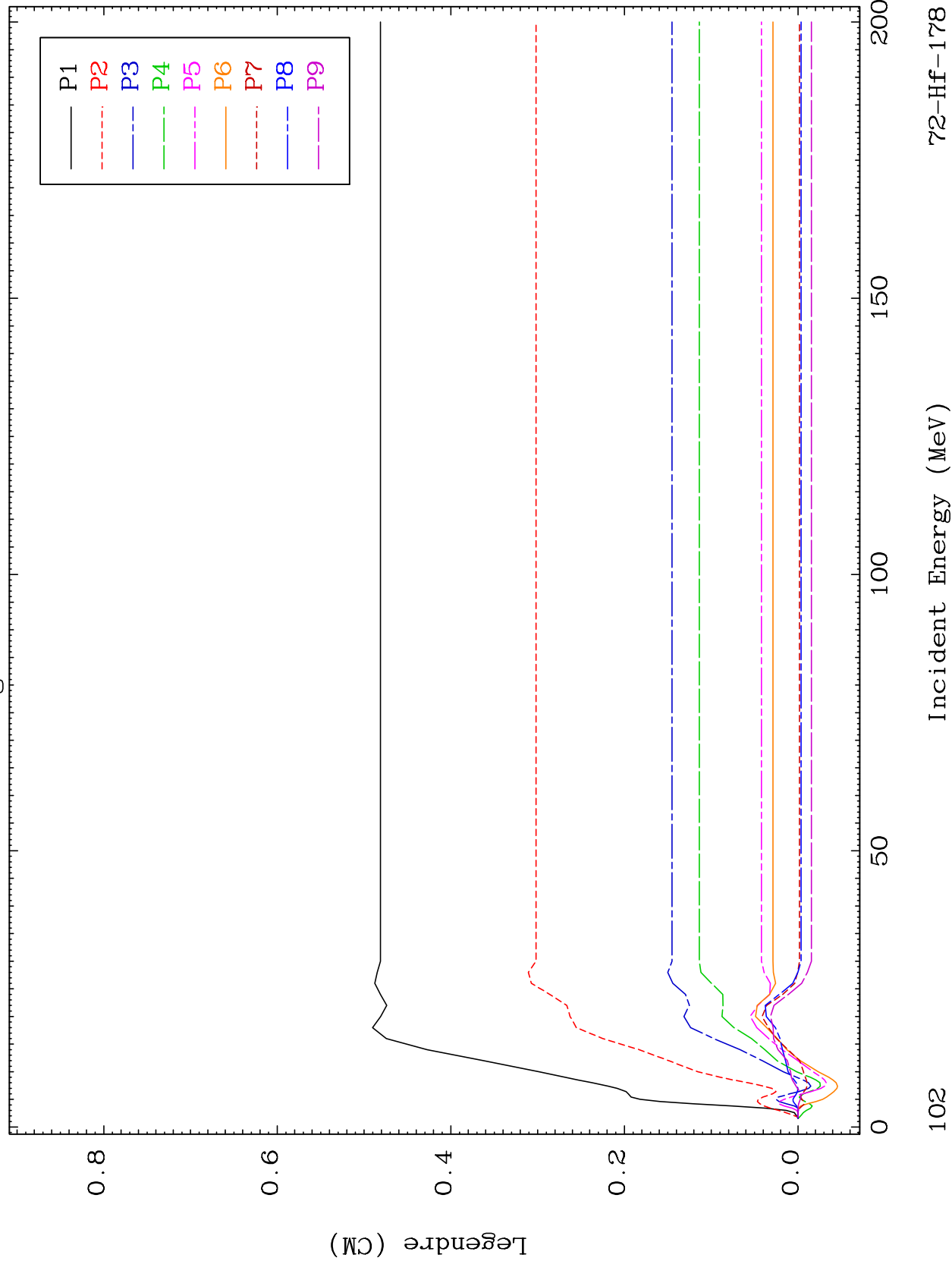




MAT 7237

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

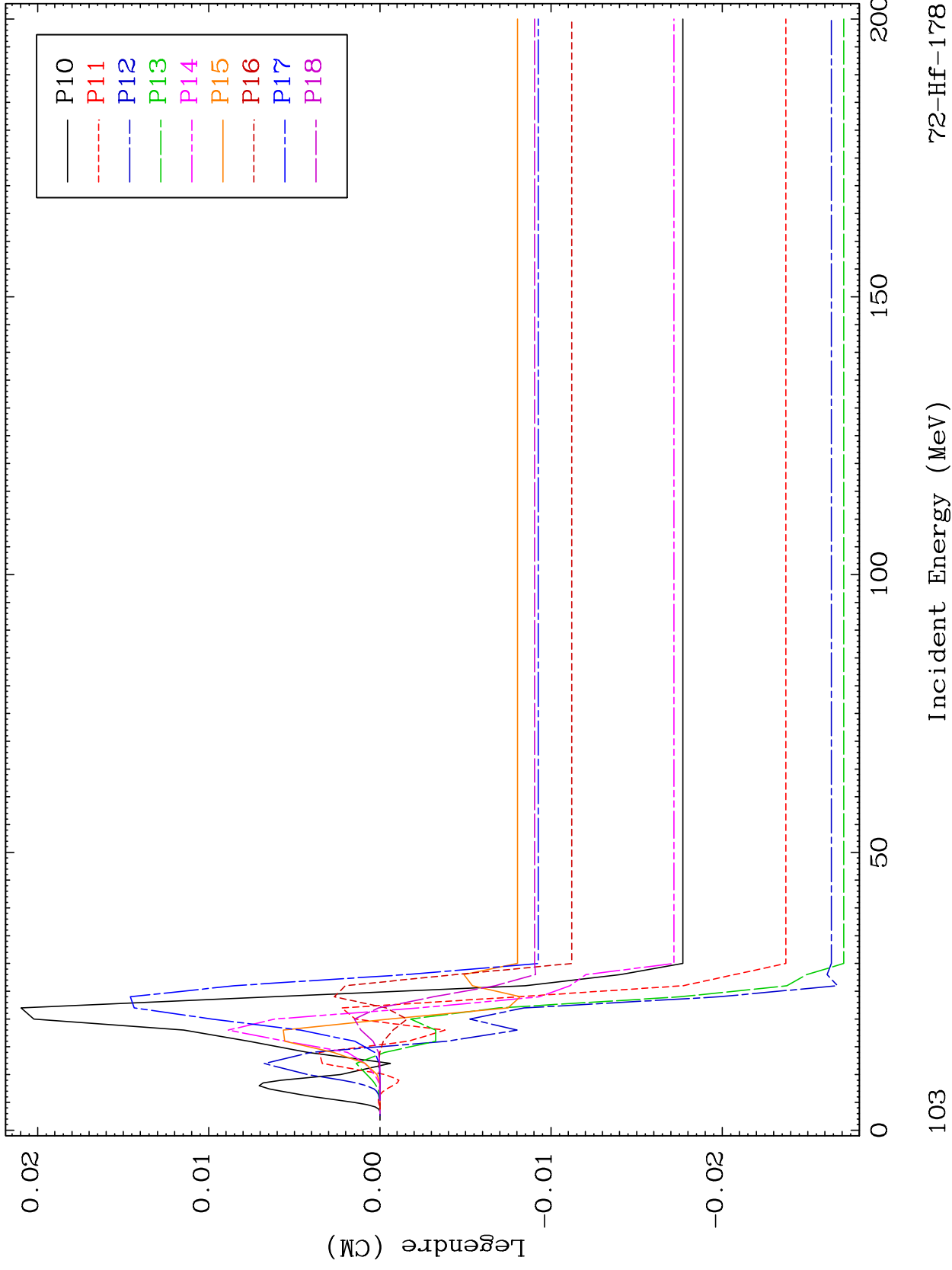
72-Hf-178



MAT 7237

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

72-Hf-178



103

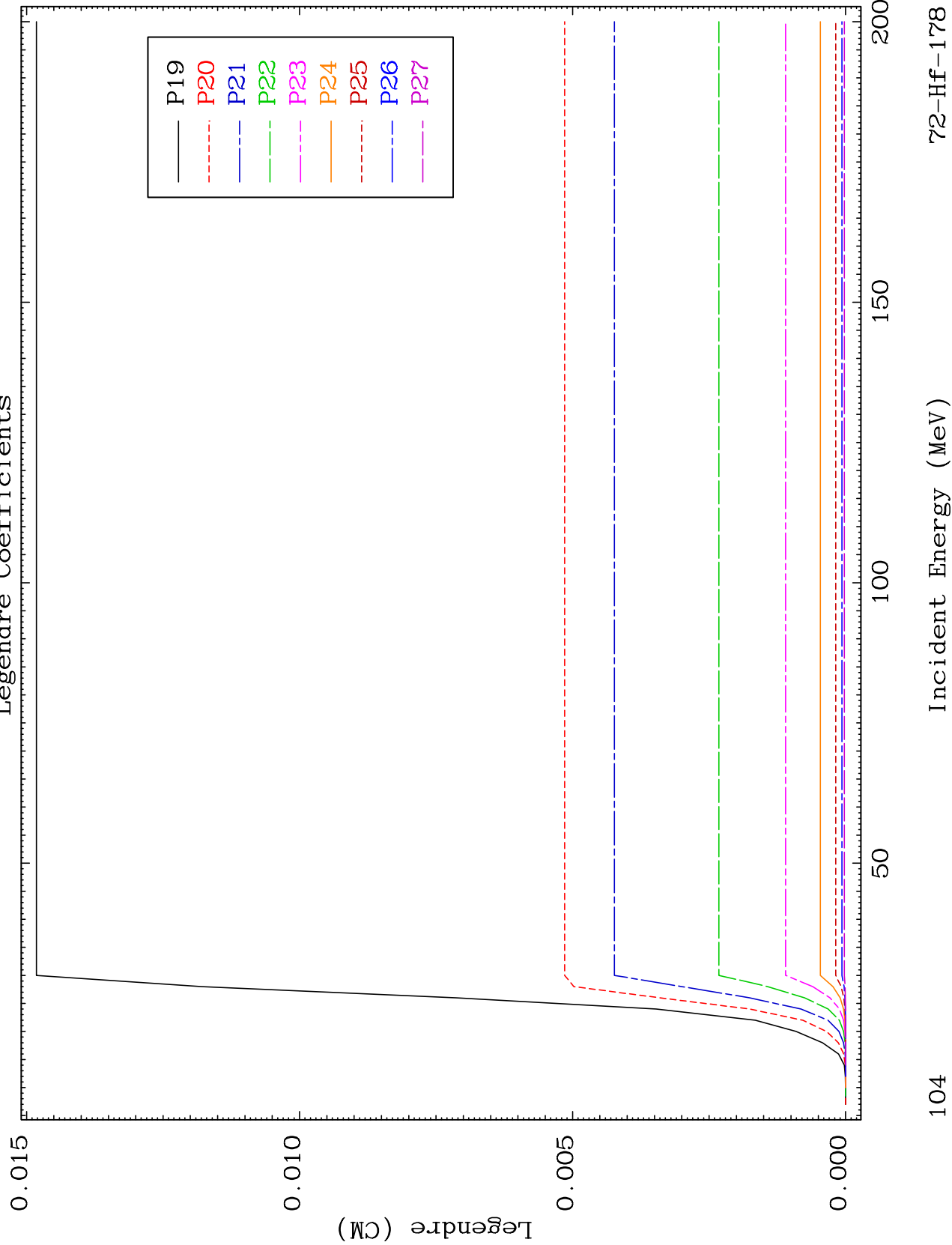
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



104

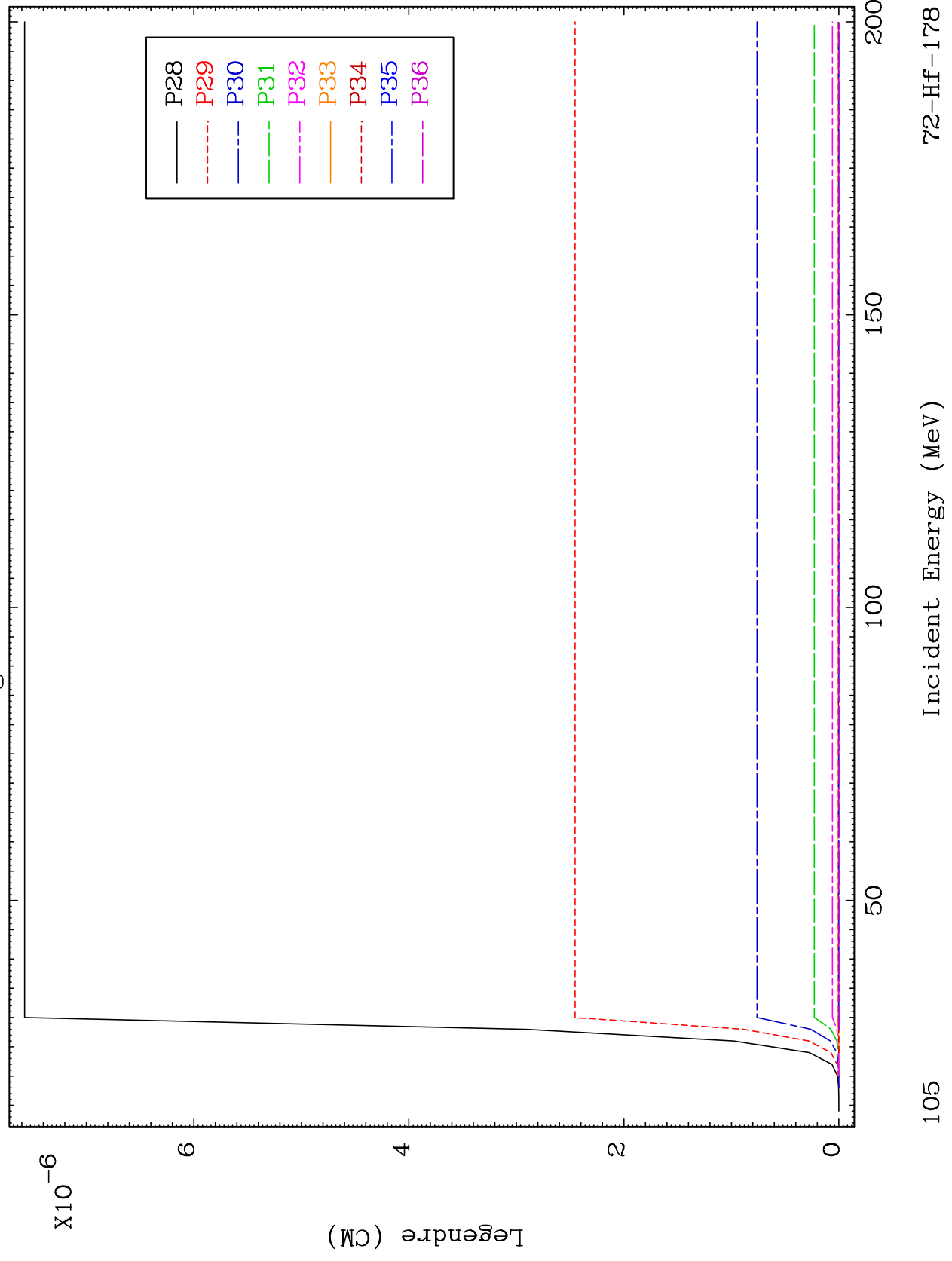
Incident Energy (MeV)

72-Hf-178

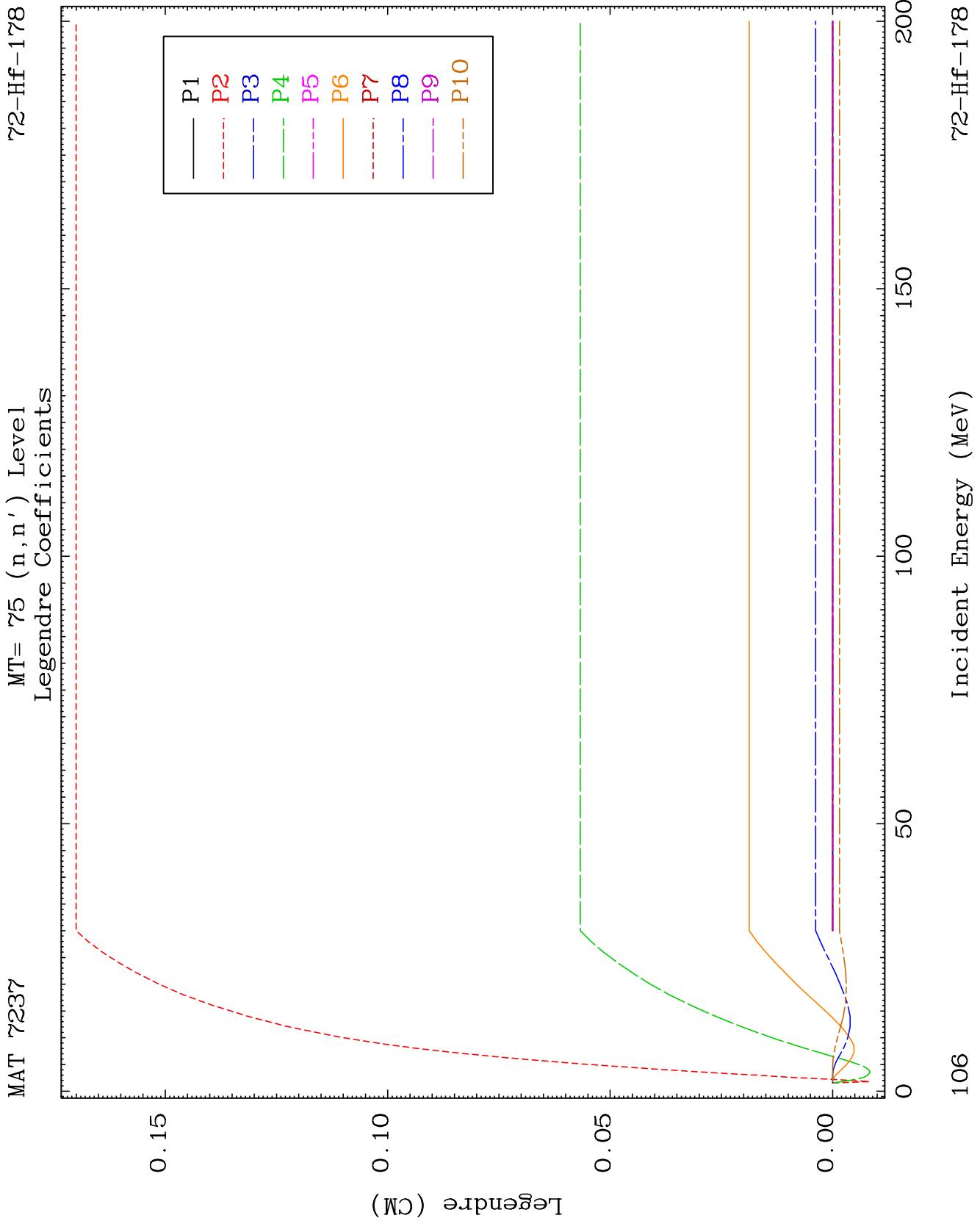
MAT 7237

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

72-Hf-178



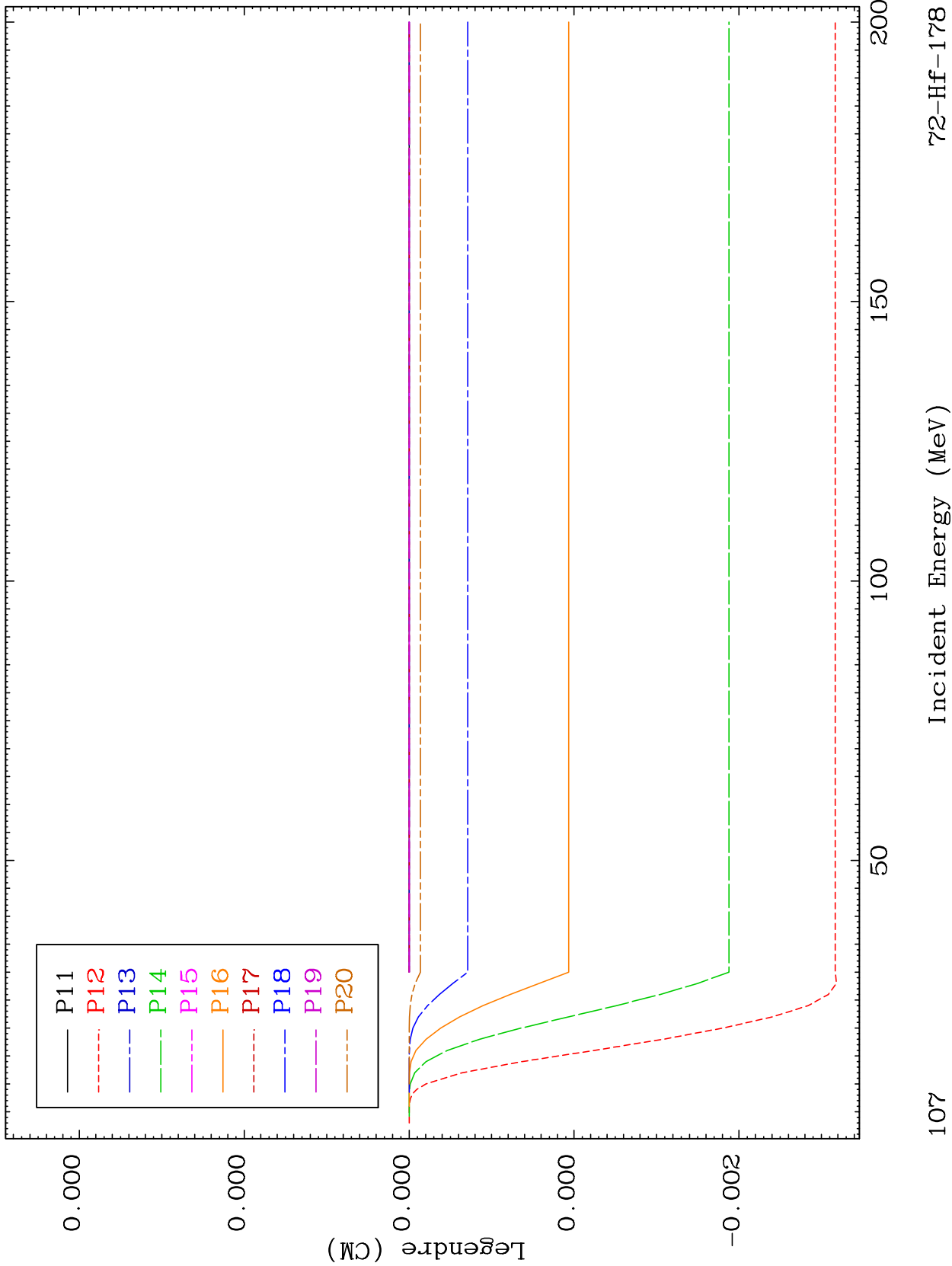
72-Hf-178



MAT 7237

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

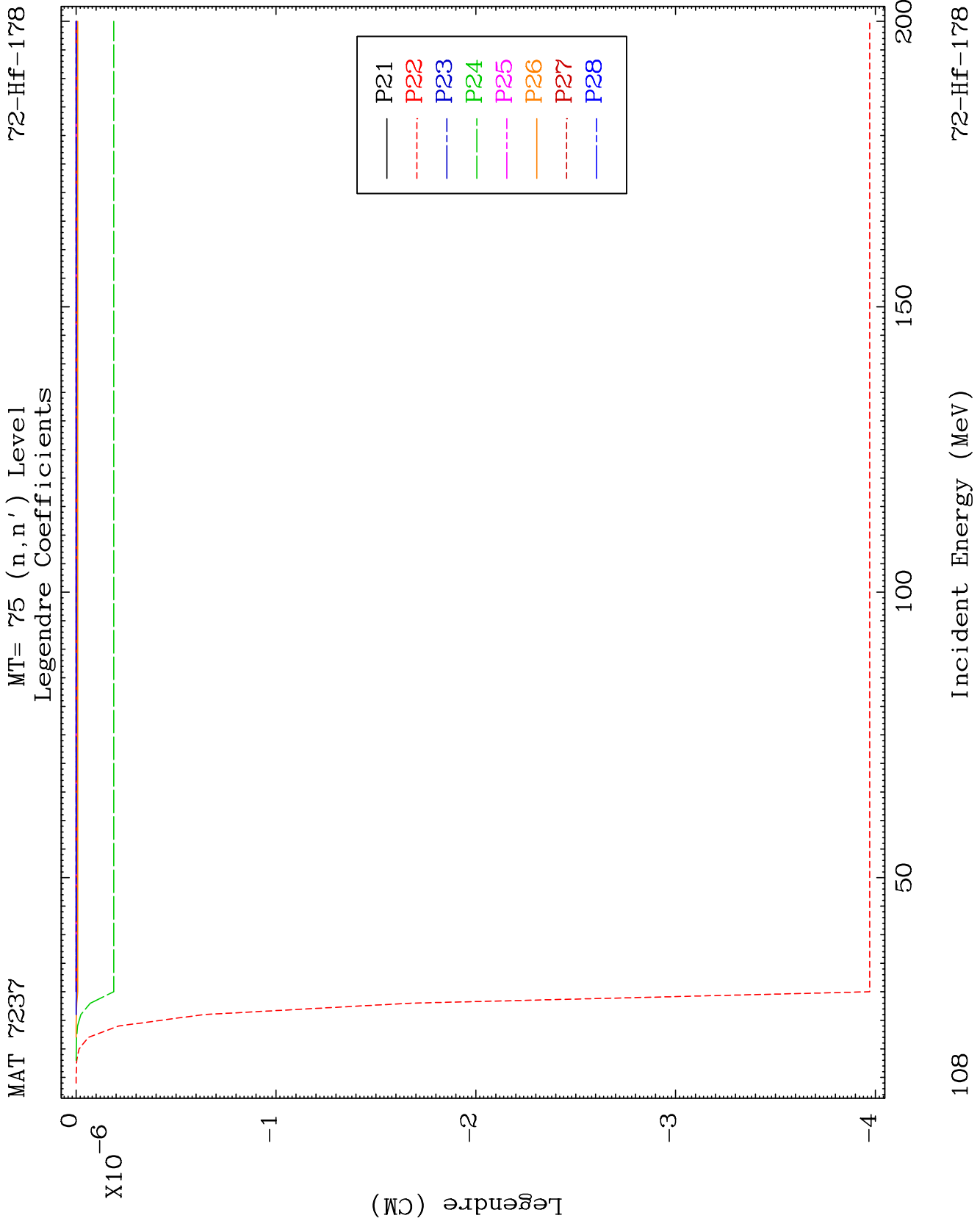
72-Hf-178



107

Incident Energy (MeV)

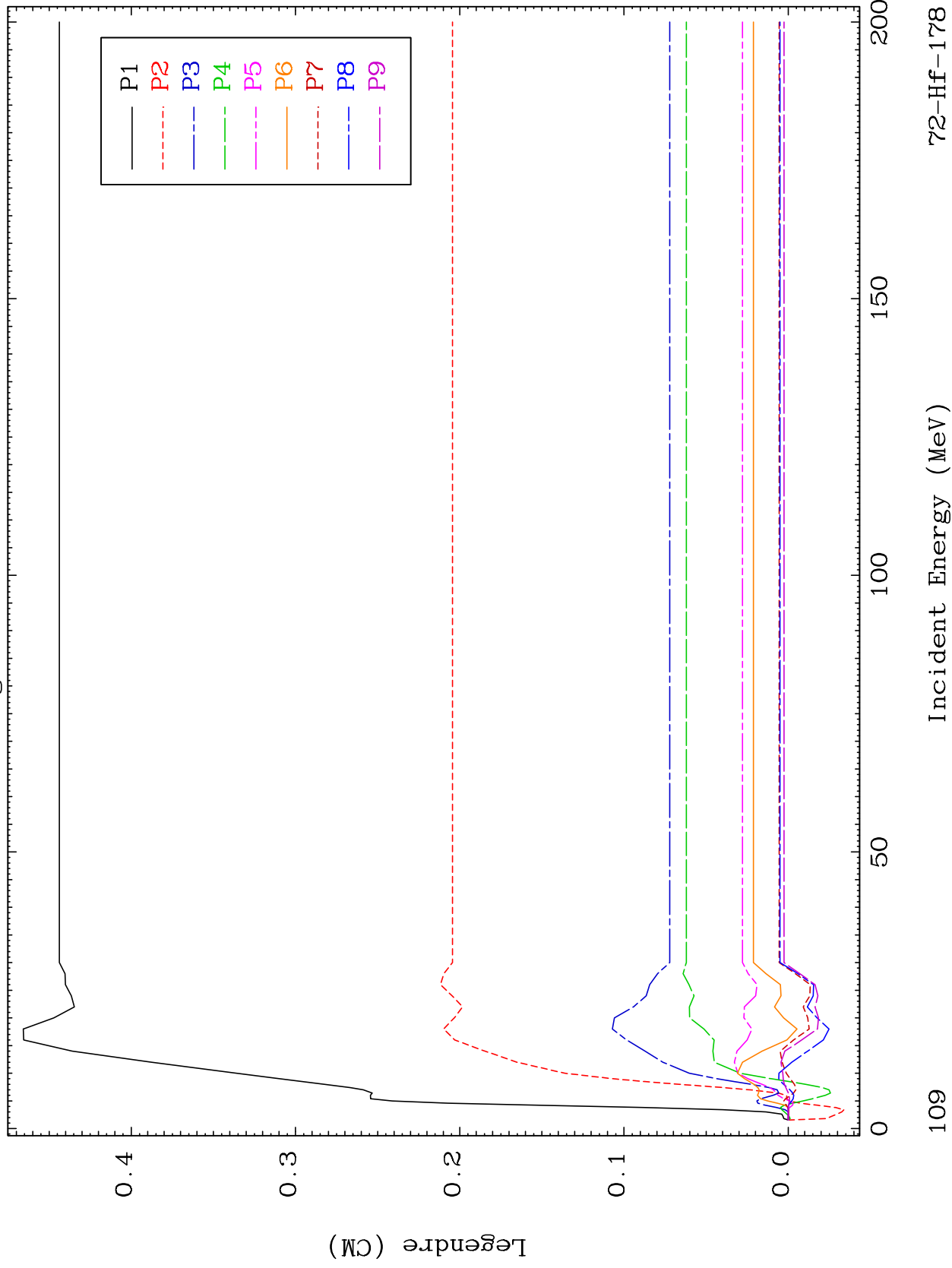
72-Hf-178



MAT 7237

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

72-Hf-178



72-Hf-178

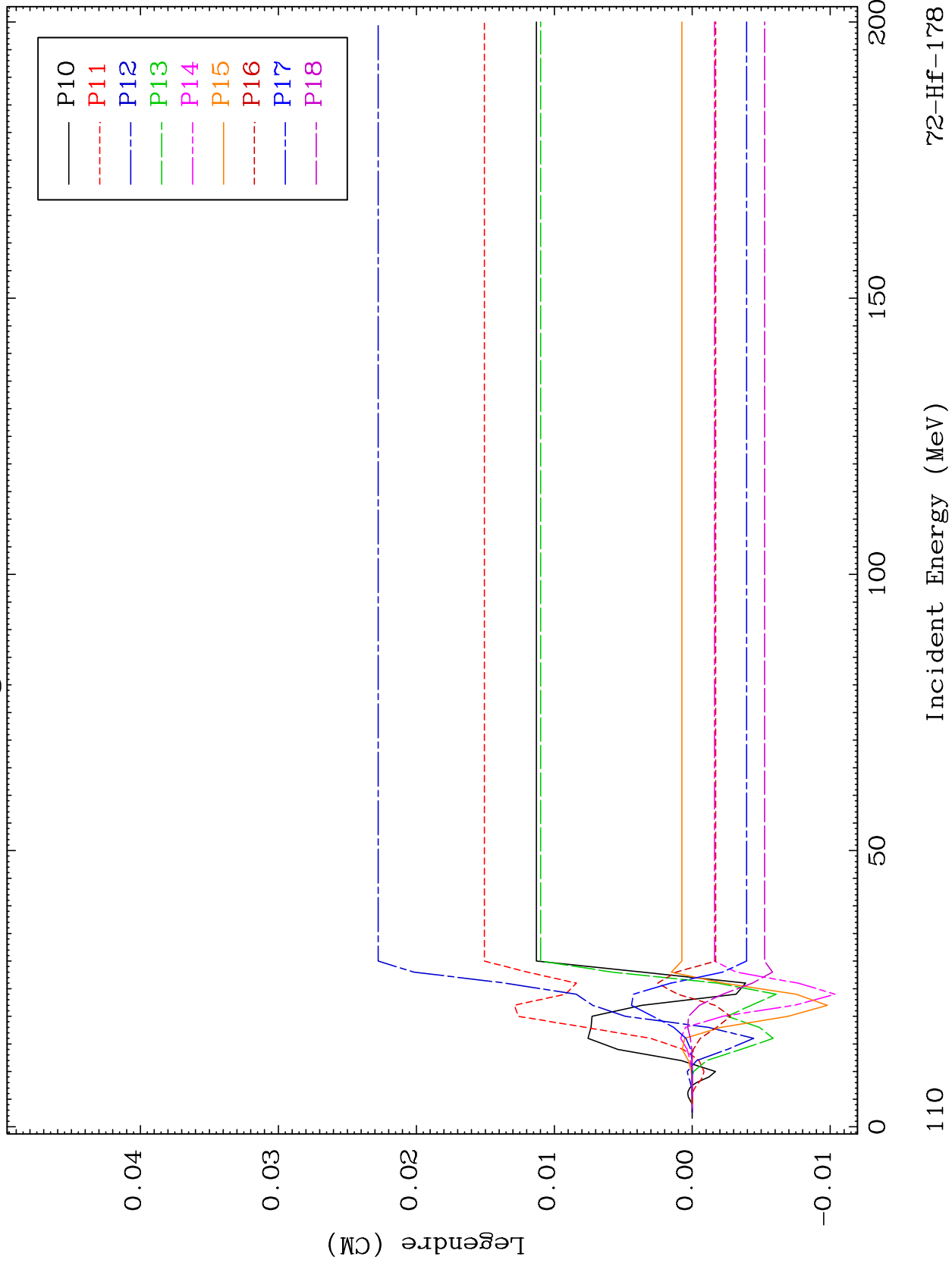
Incident Energy (MeV)

109

MAT 7237

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

72-Hf-178



72-Hf-178

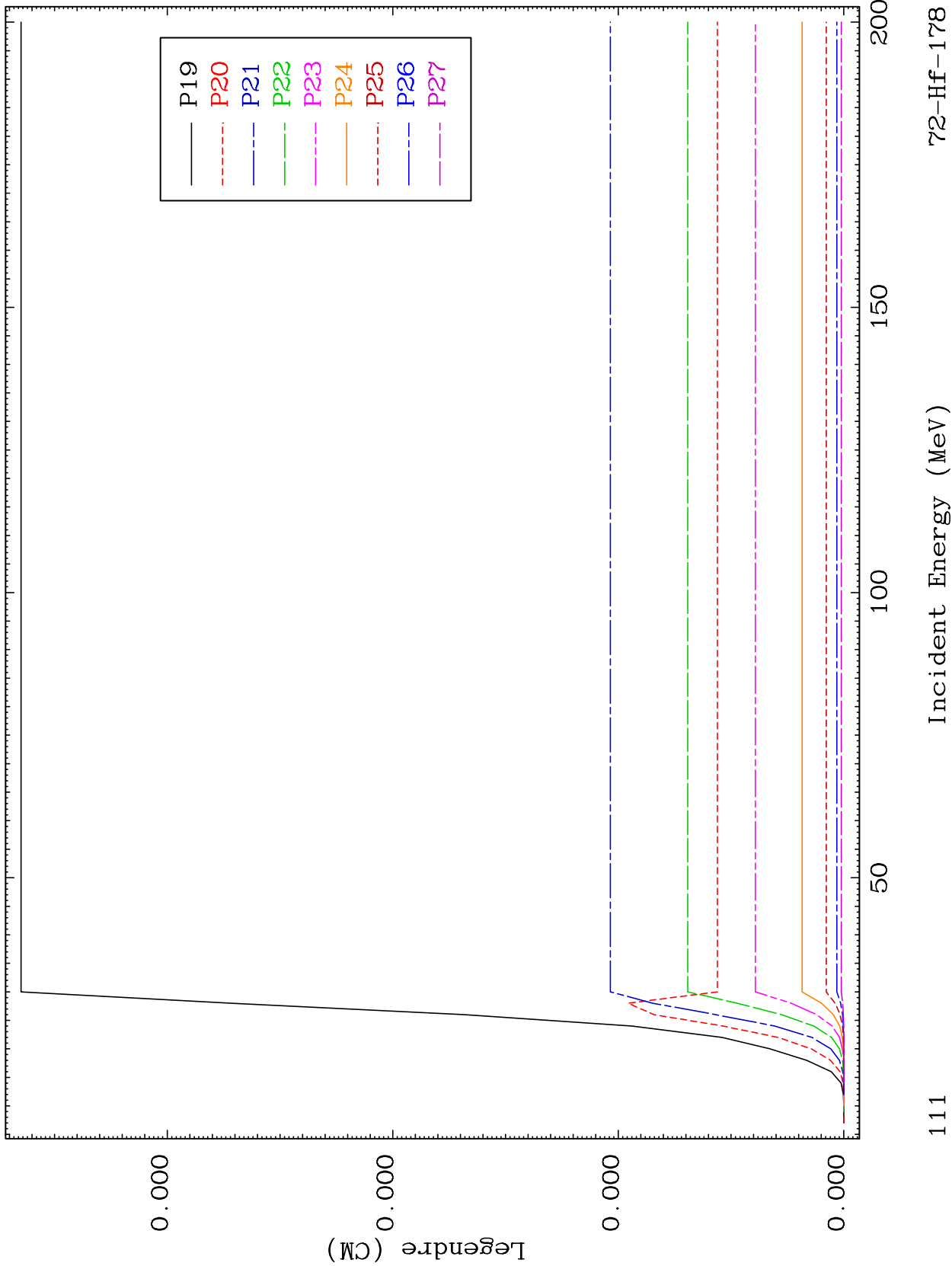
Incident Energy (MeV)

110

MAT 7237

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

72-Hf-178

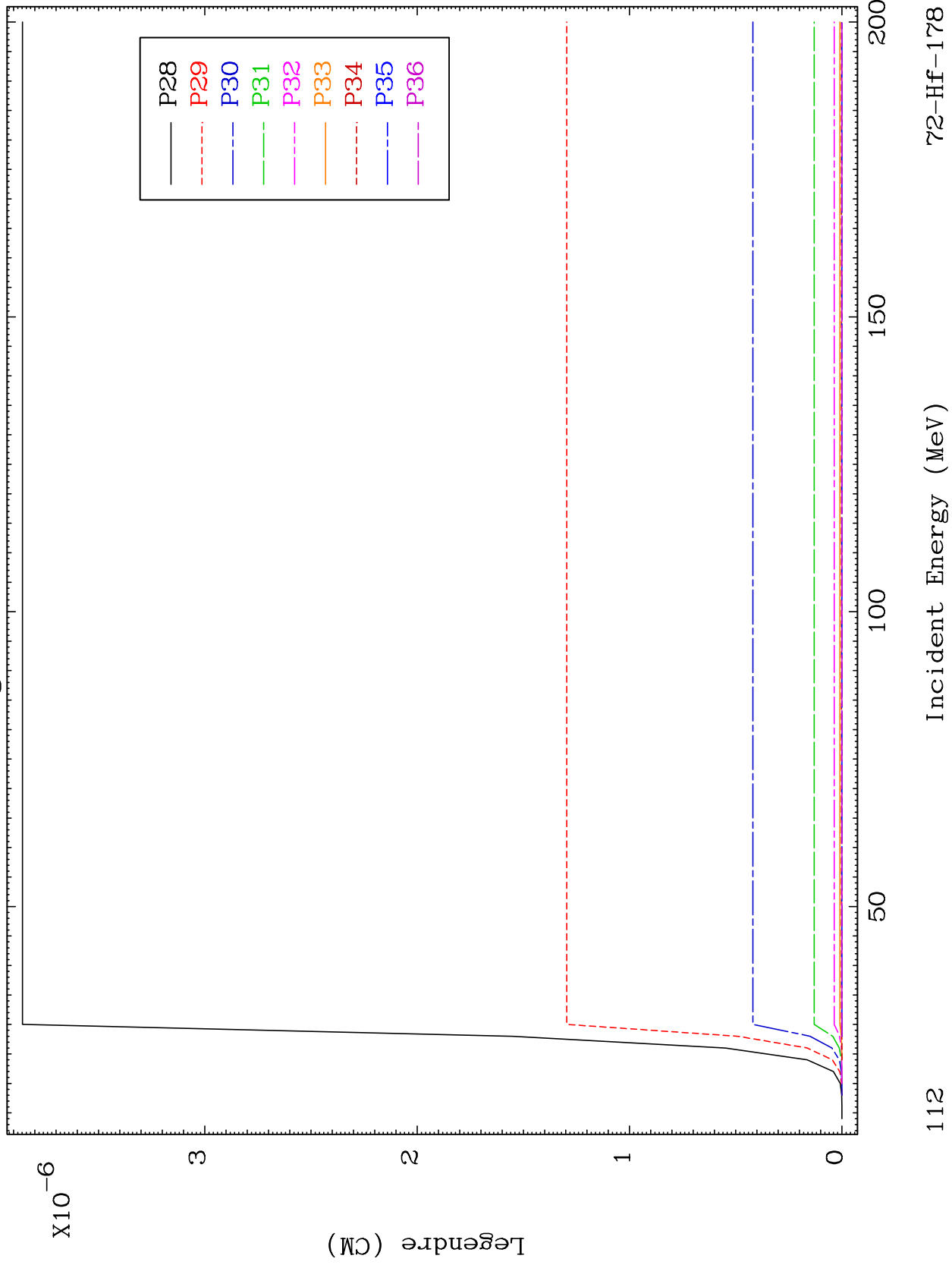


111

MAT 7237

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

72-Hf-178

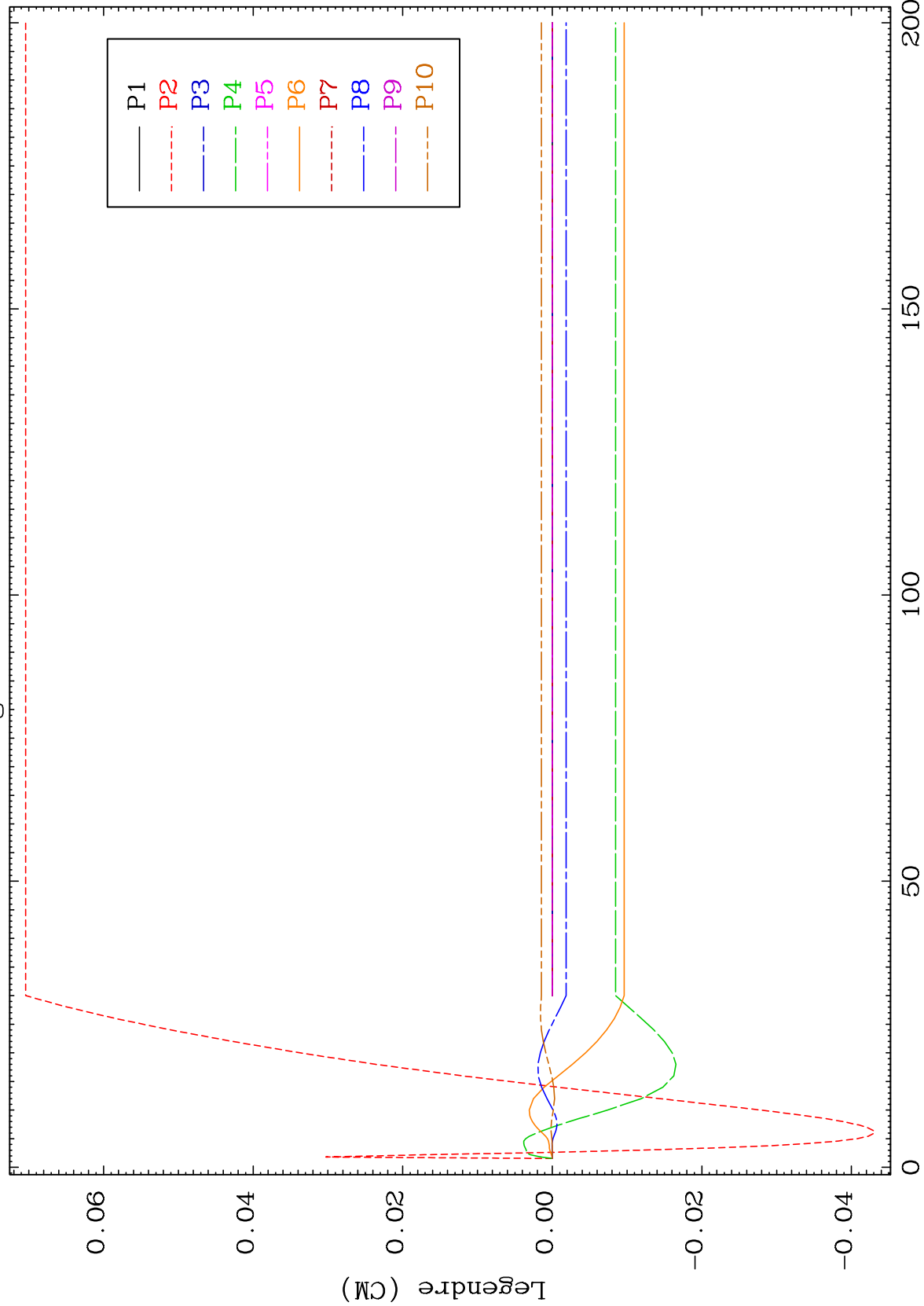


112

MAT 7237

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

72-Hf-178



113

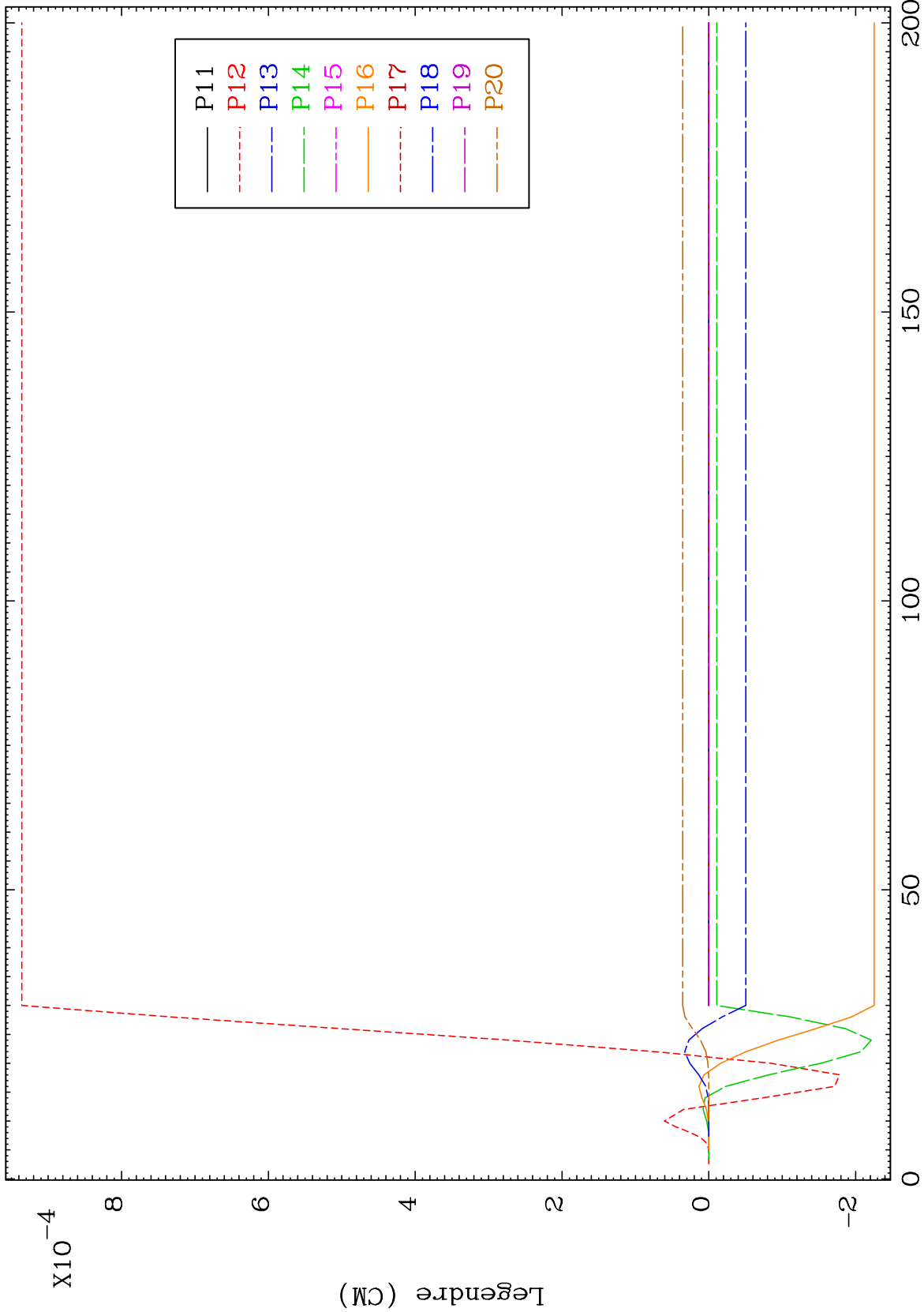
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

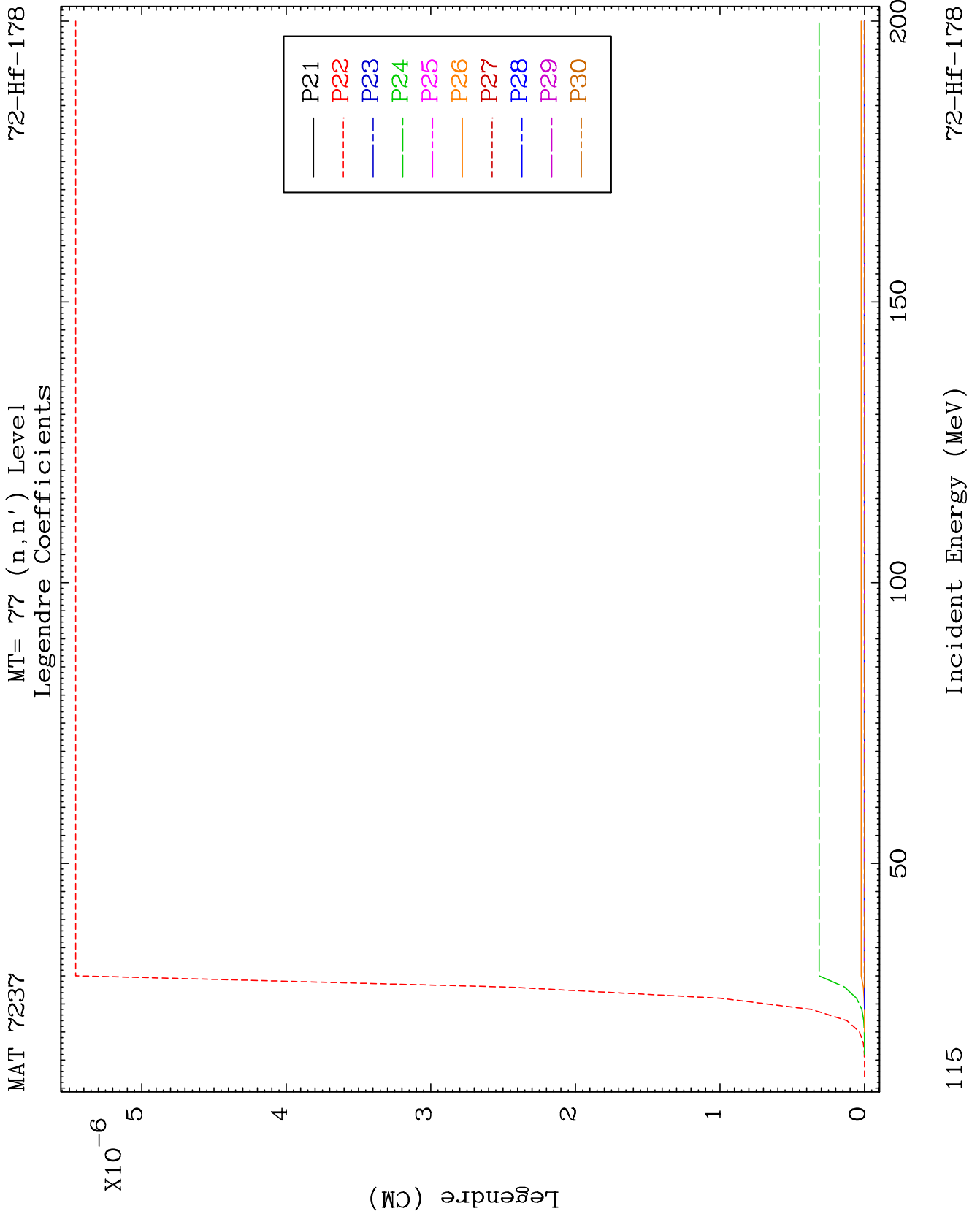
72-Hf-178



114

Incident Energy (MeV)

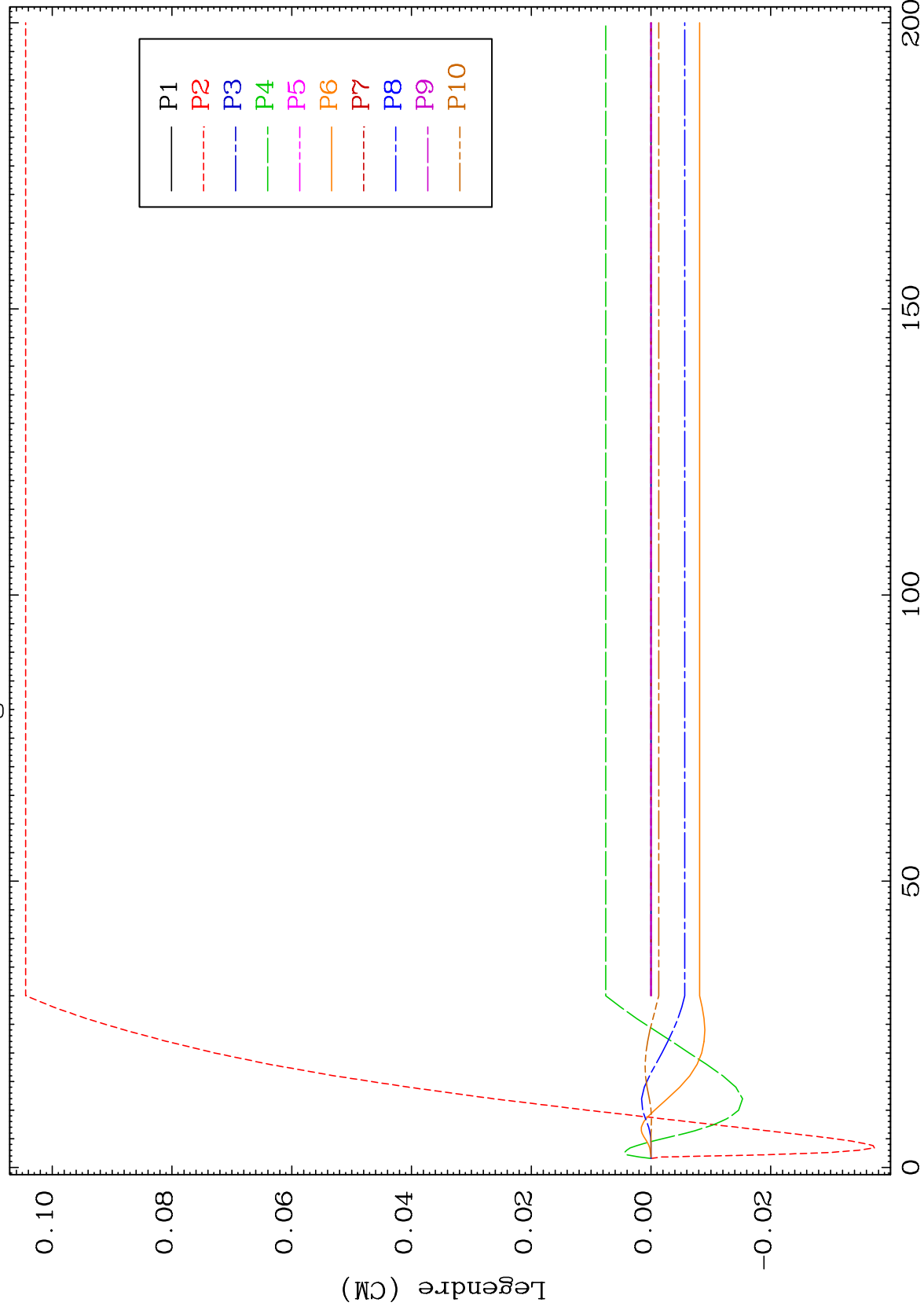
72-Hf-178



MAT 7237

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

72-Hf-178



72-Hf-178

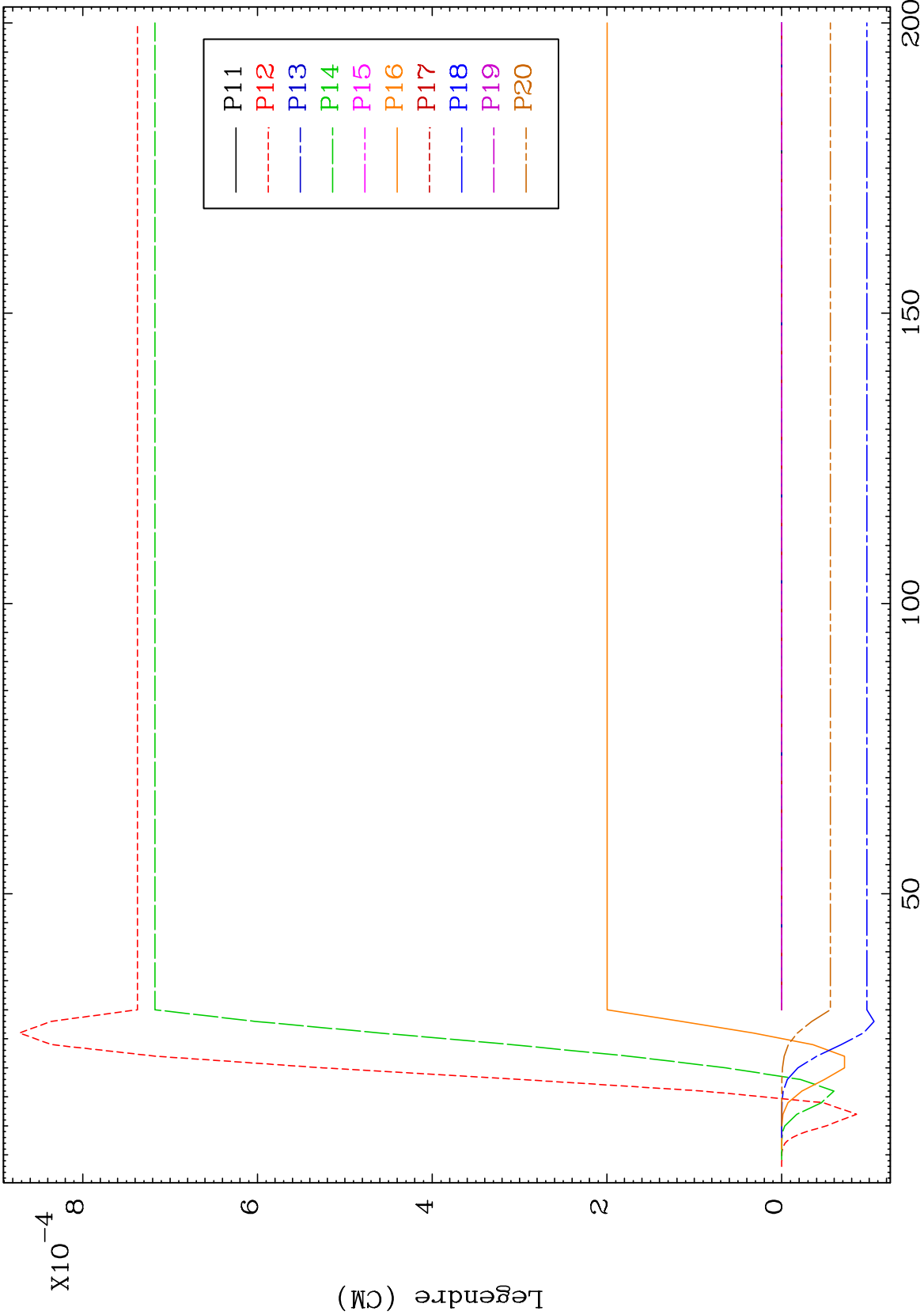
Incident Energy (MeV)

116

MAT 7237

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

72-Hf-178



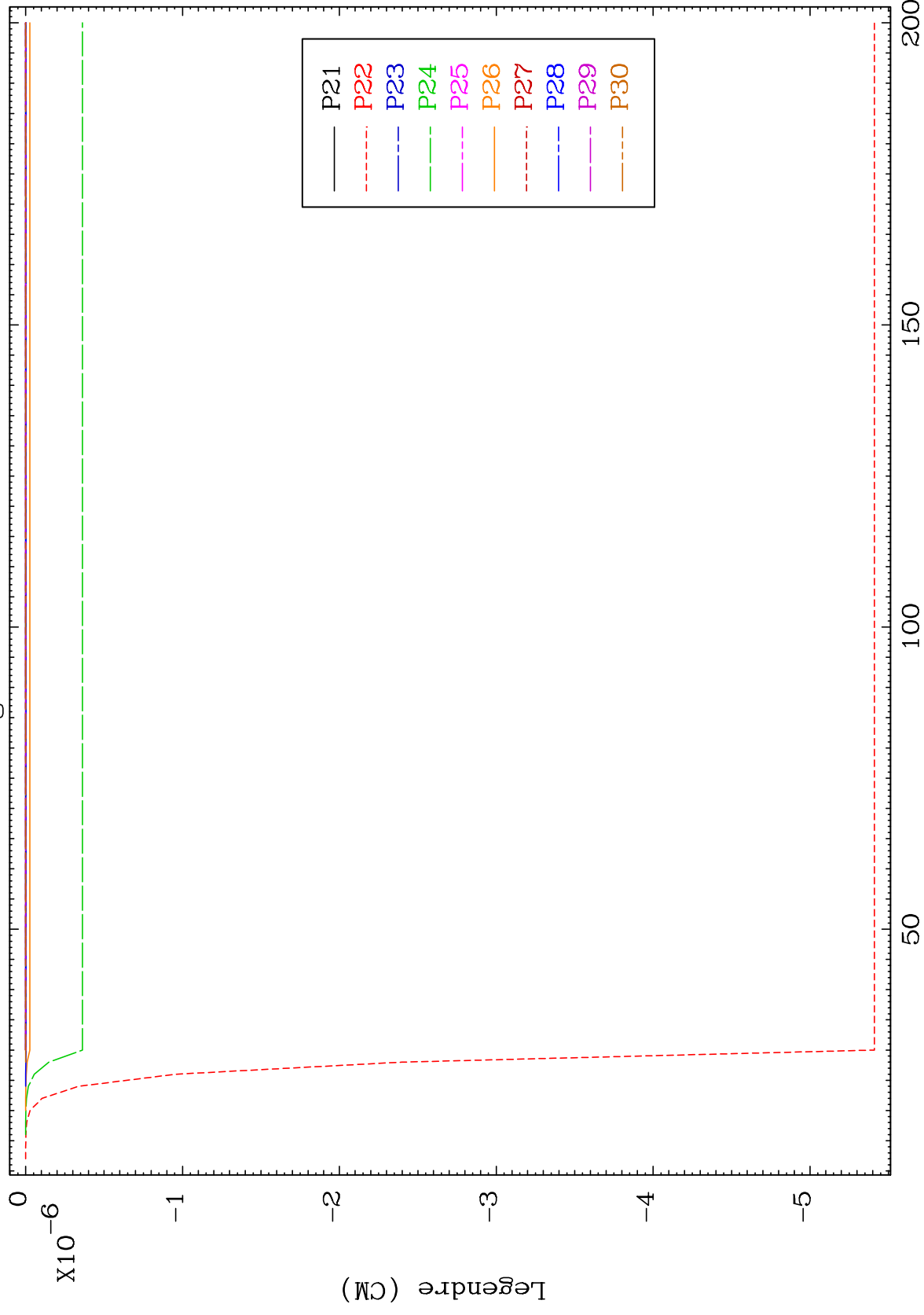
117

72-Hf-178

MAT 7237

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

72-Hf-178



118

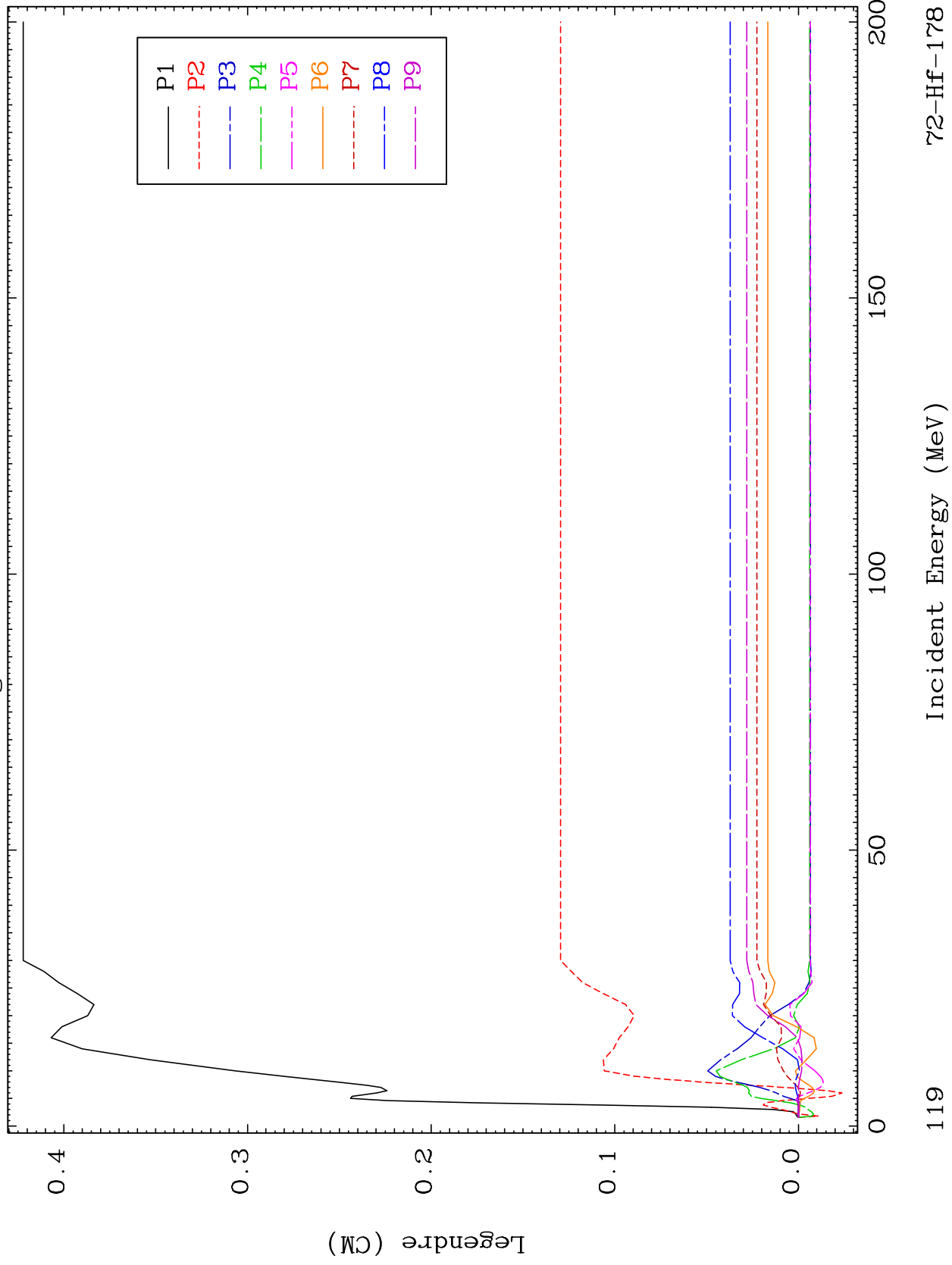
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



72-Hf-178

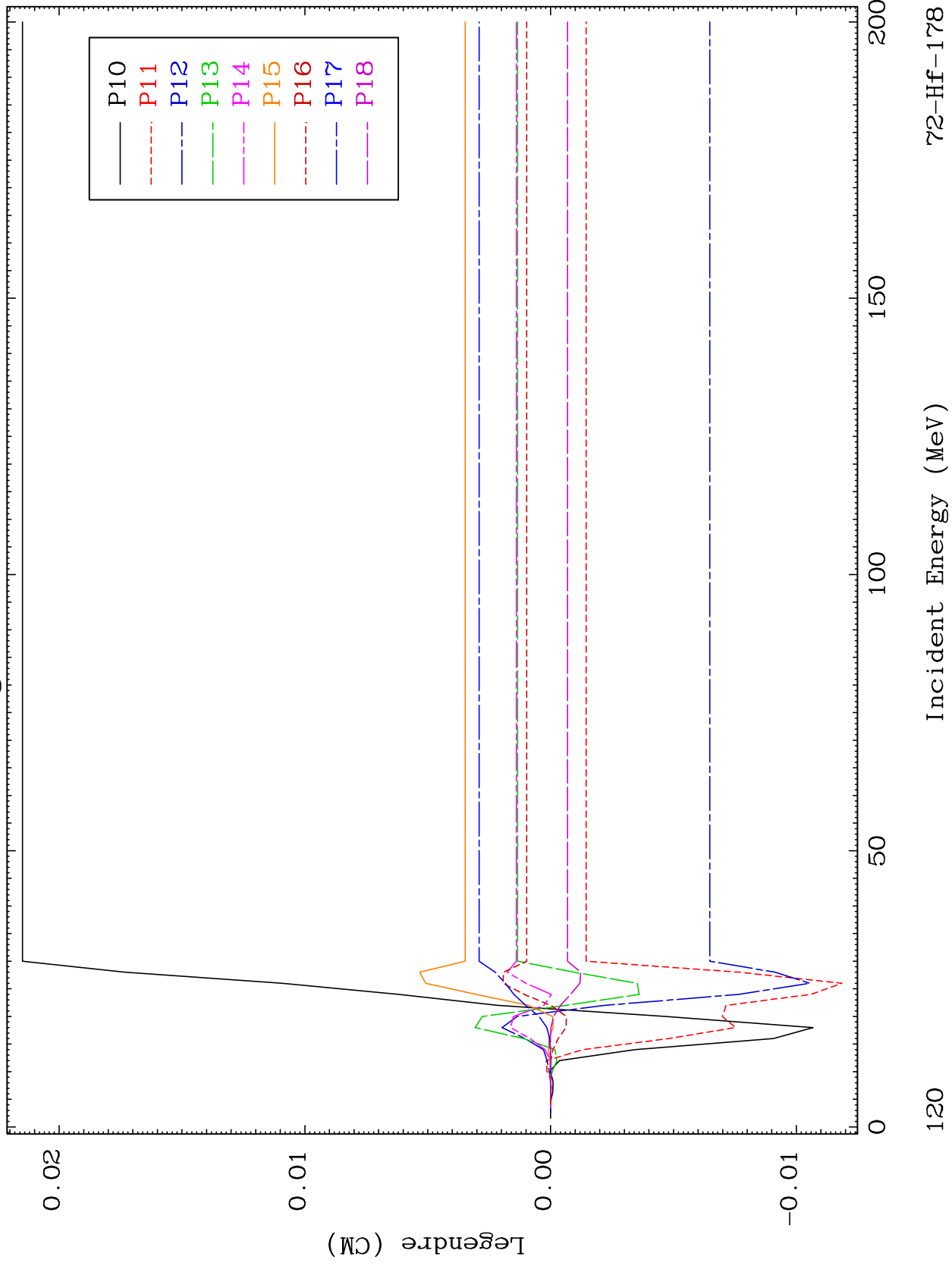
Incident Energy (MeV)

119

MAT 7237

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

72-Hf-178



72-Hf-178

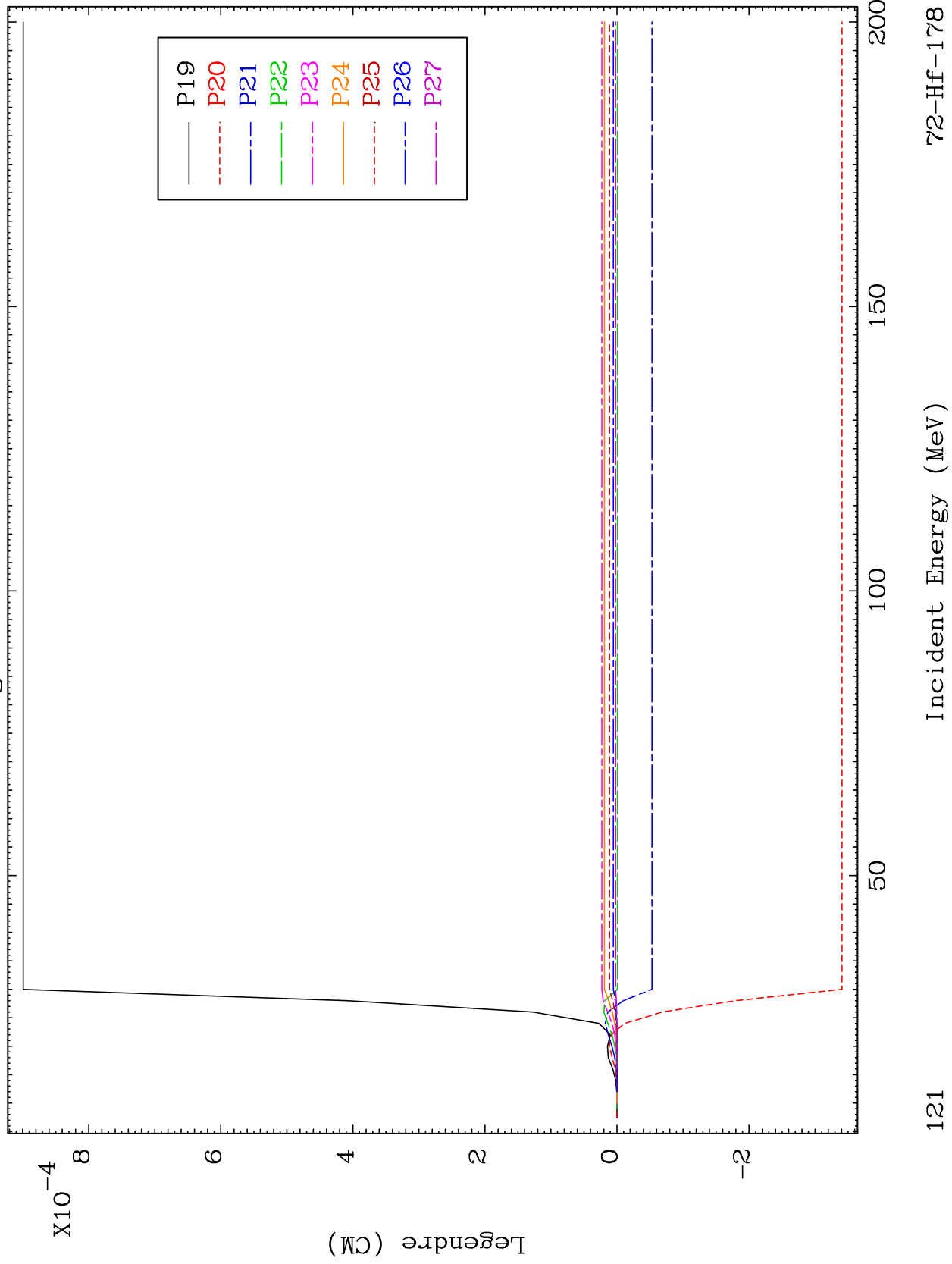
Incident Energy (MeV)

120

MAT 7237

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

72-Hf-178



121

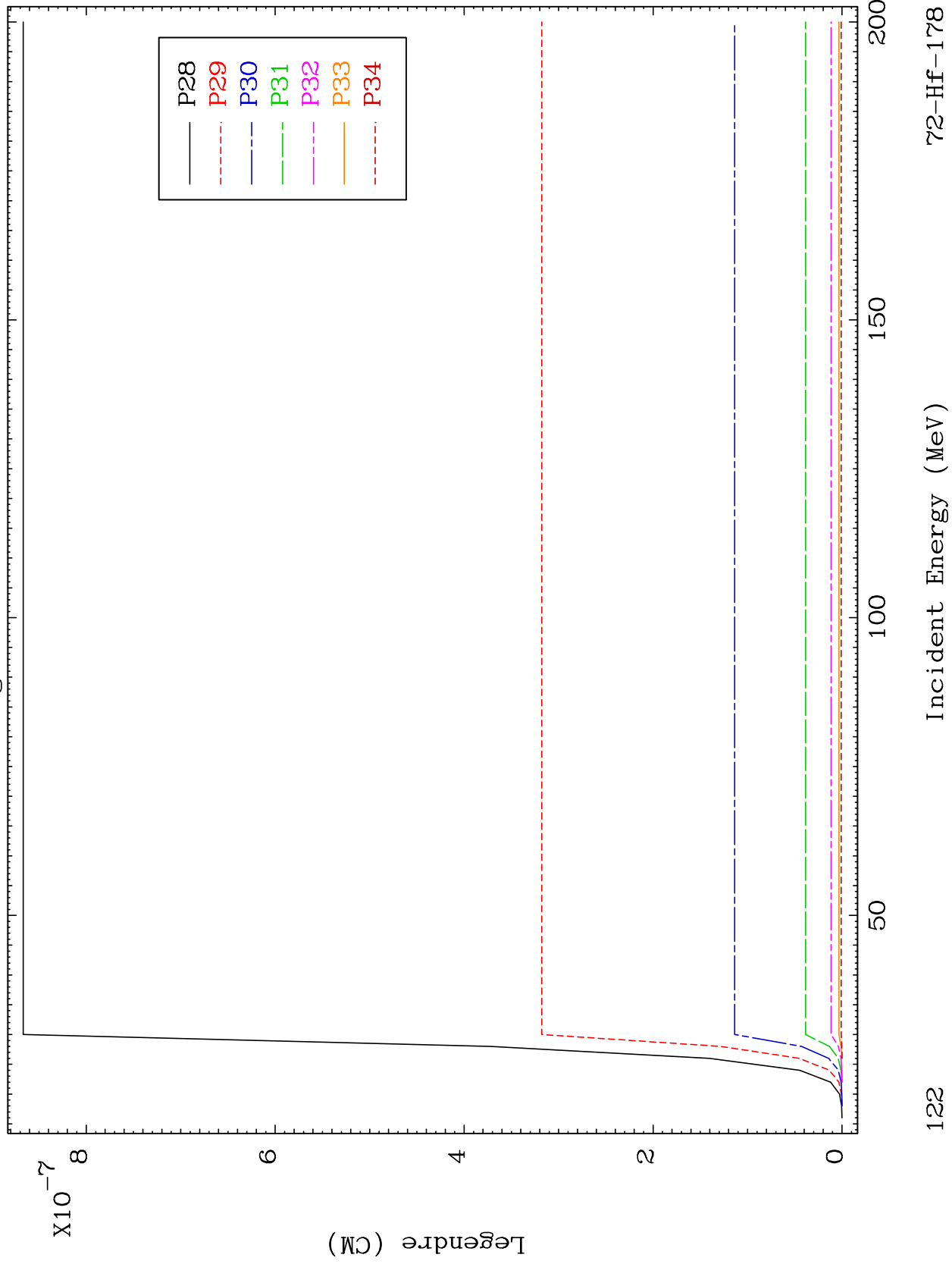
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178

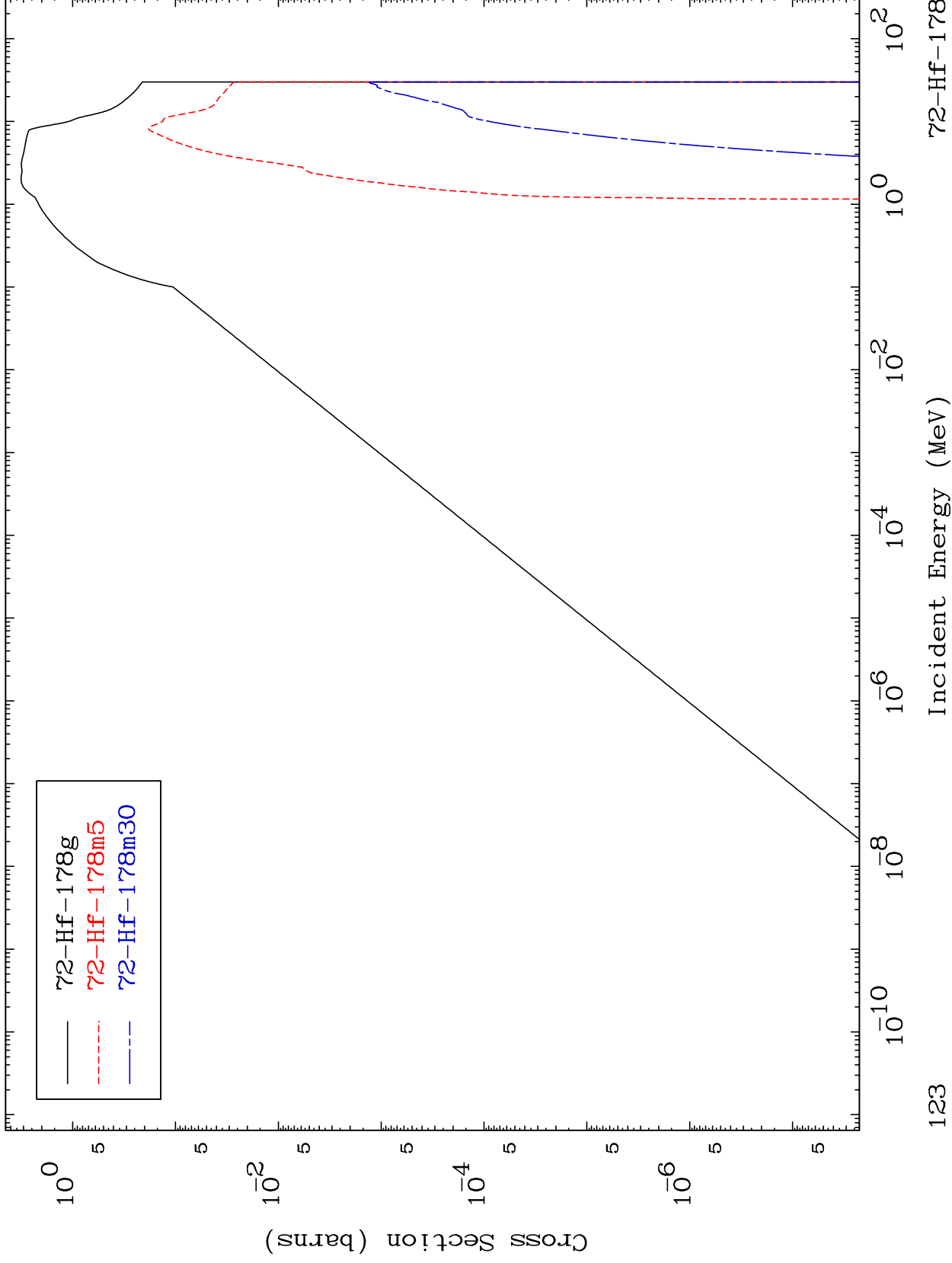


122

MAT 7237

Inelastic
Radionuclide Production Cross Section

72-Hf-178

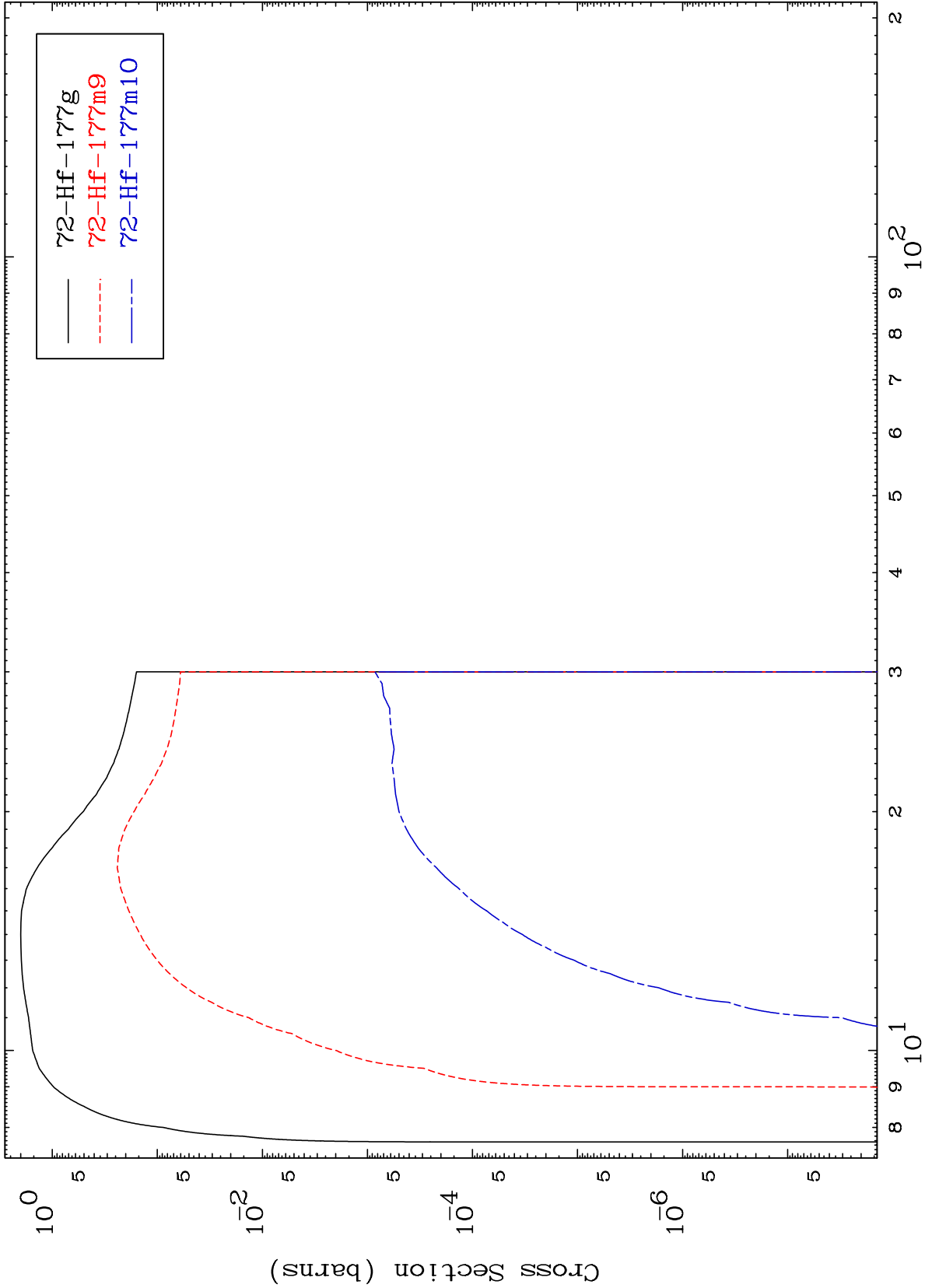


MAT 7237

(n,2n)

72-Hf-178

Radionuclide Production Cross Section



124

Incident Energy (MeV)

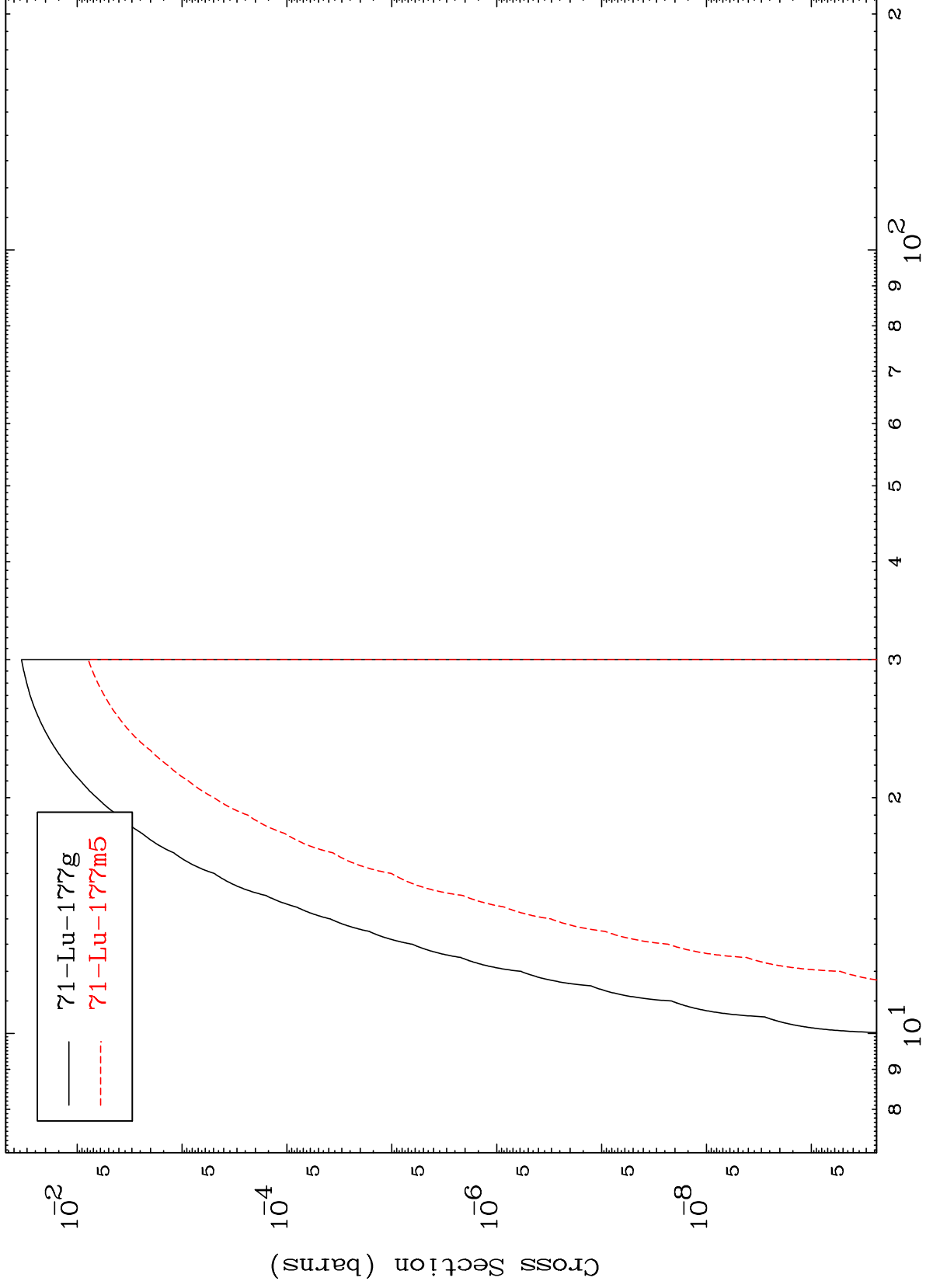
72-Hf-178

MAT 7237

(n,n') p

72-Hf-178

Radionuclide Production Cross Section

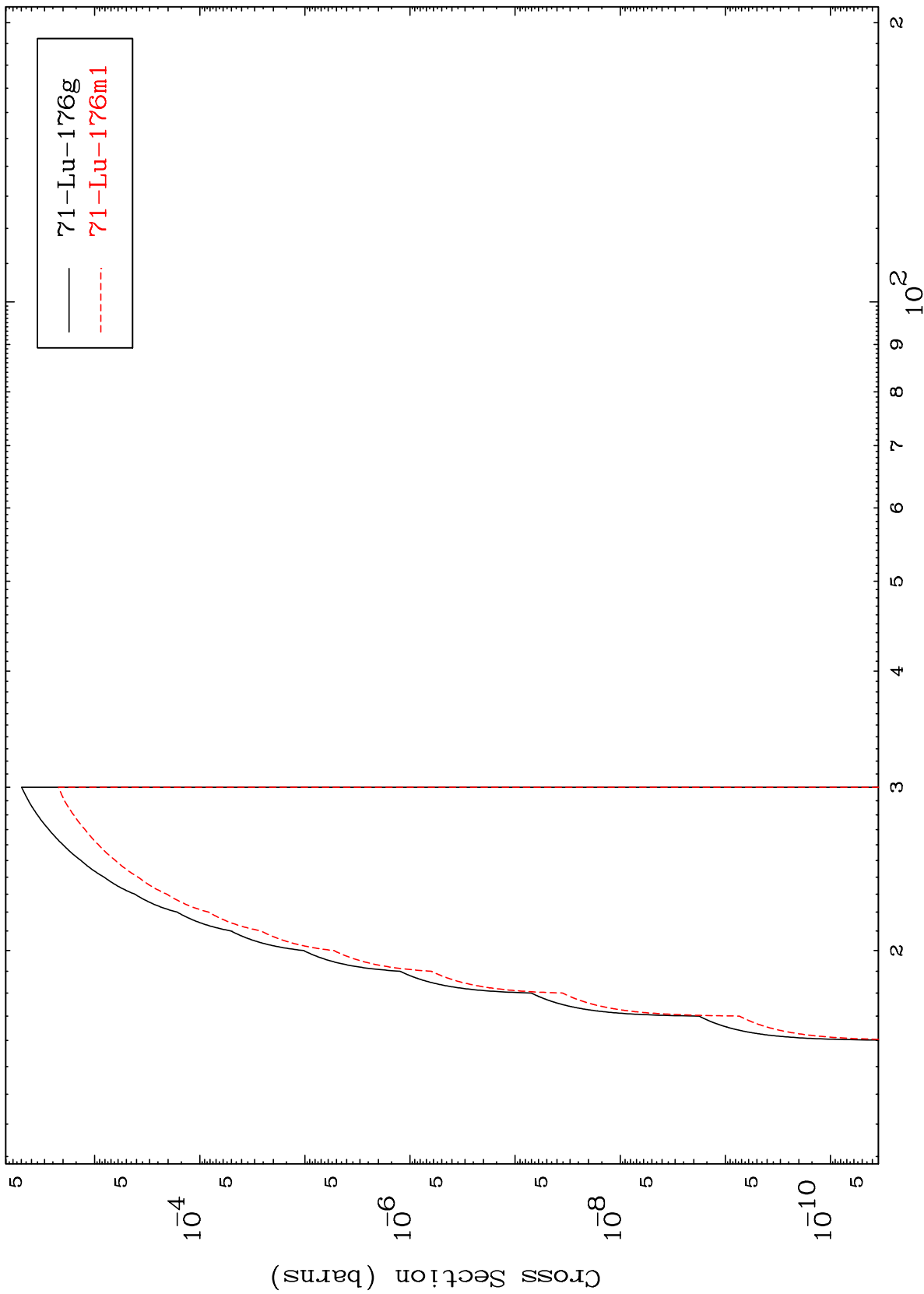


125

Incident Energy (MeV)

72-Hf-178

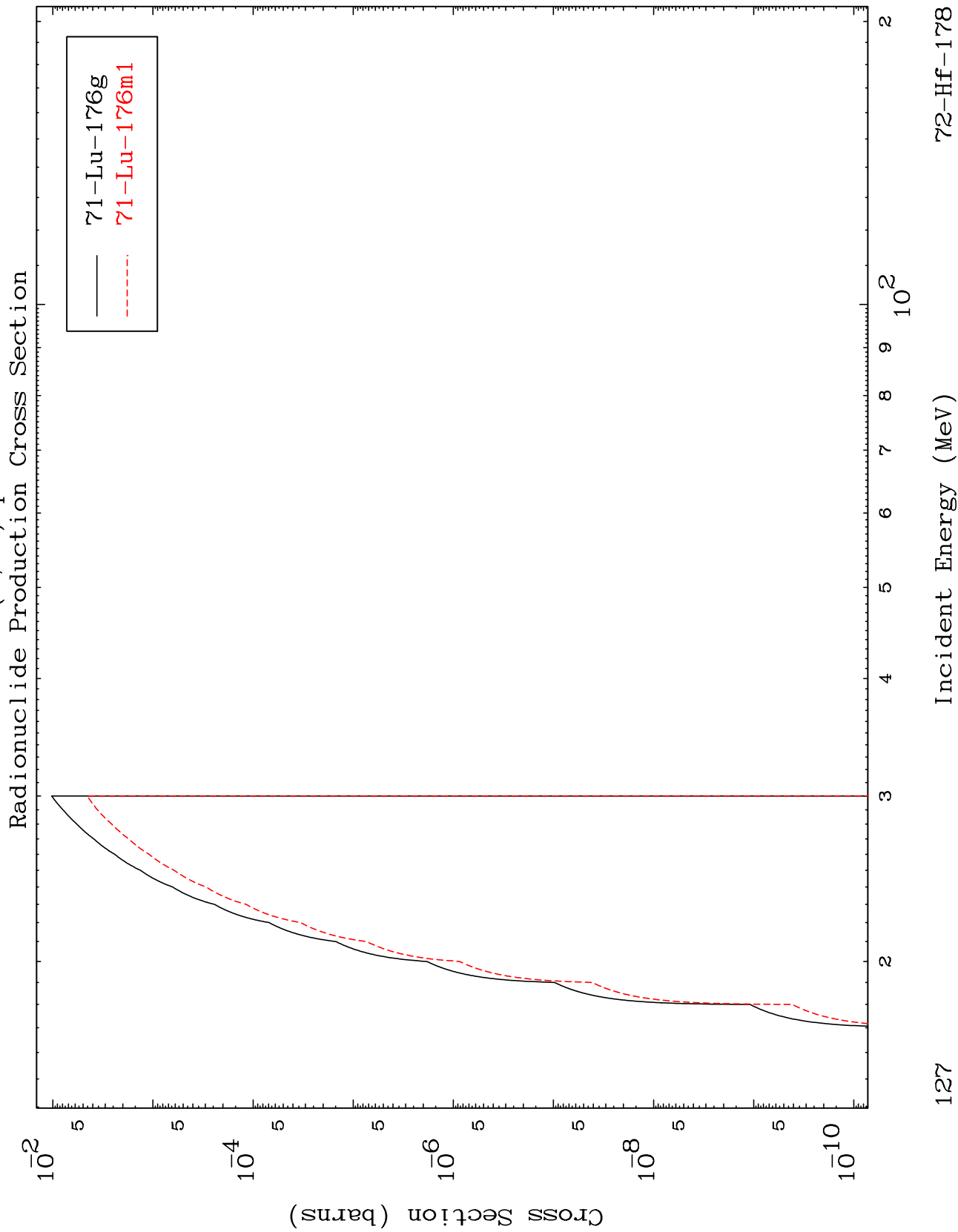
Radionuclide Production Cross Section



MAT 7237

(n,2n) p

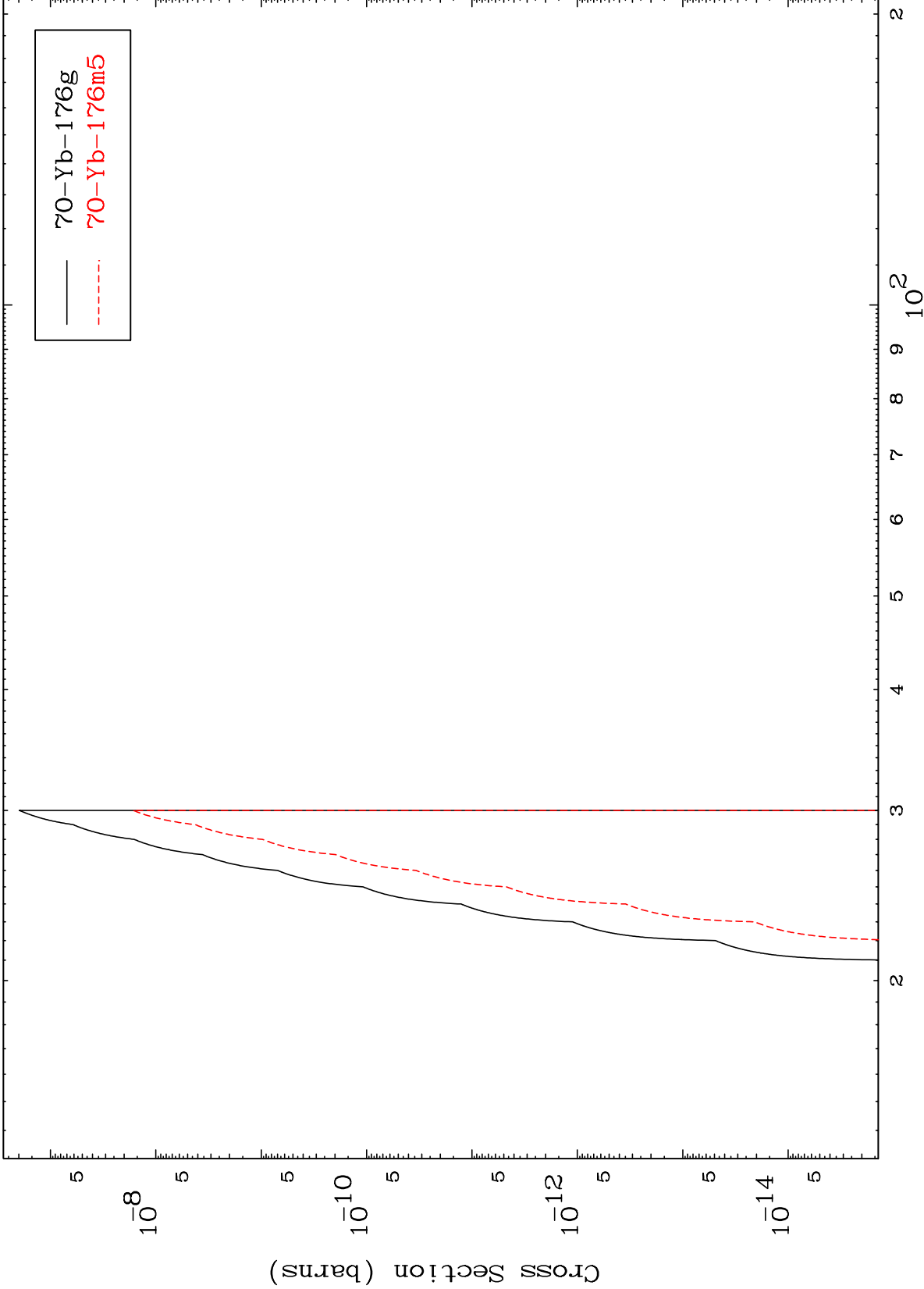
72-Hf-178



127

72-Hf-178

Radionuclide Production Cross Section

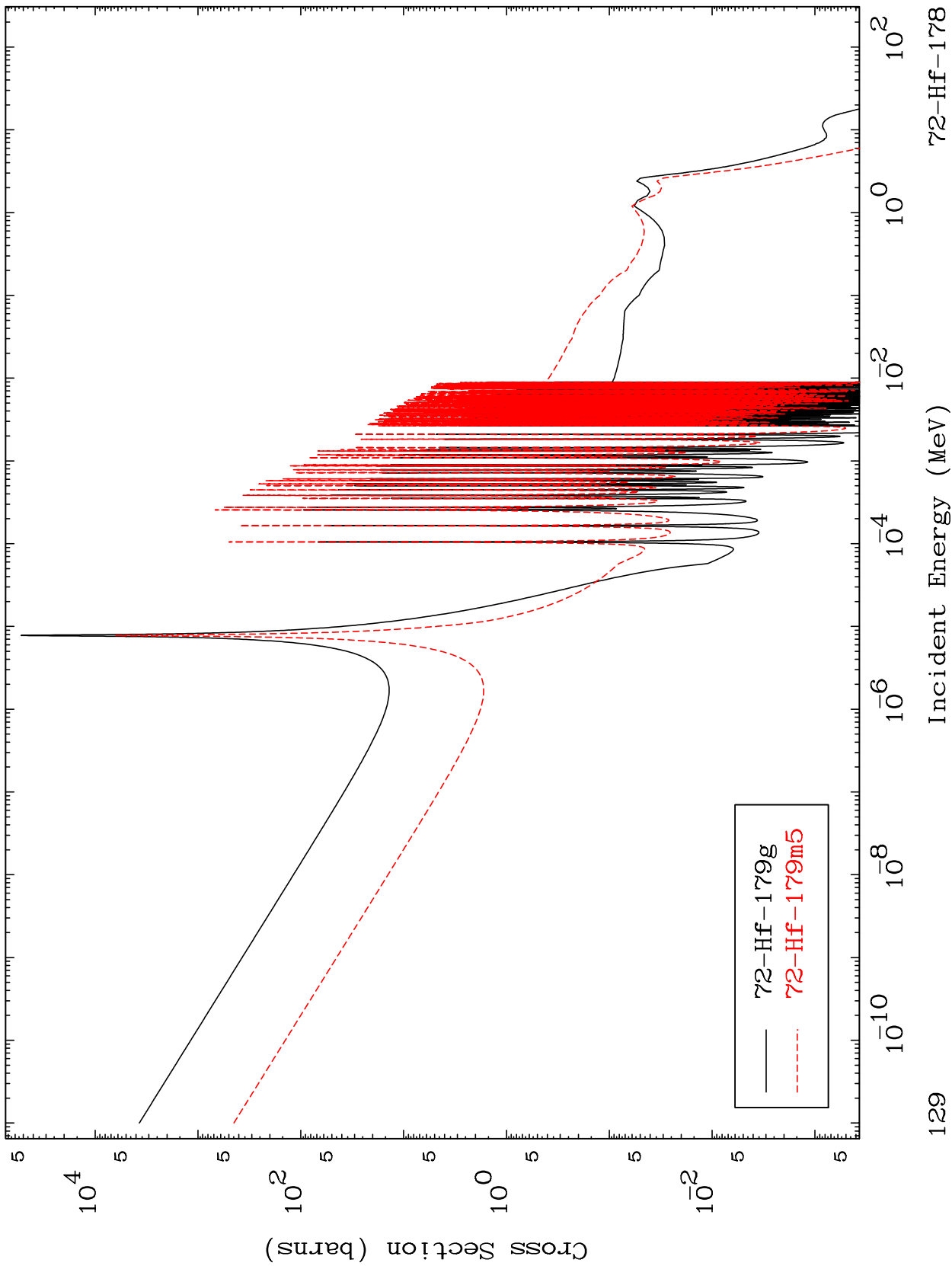


70-Yb-176g
70-Yb-176m5

MAT 7237

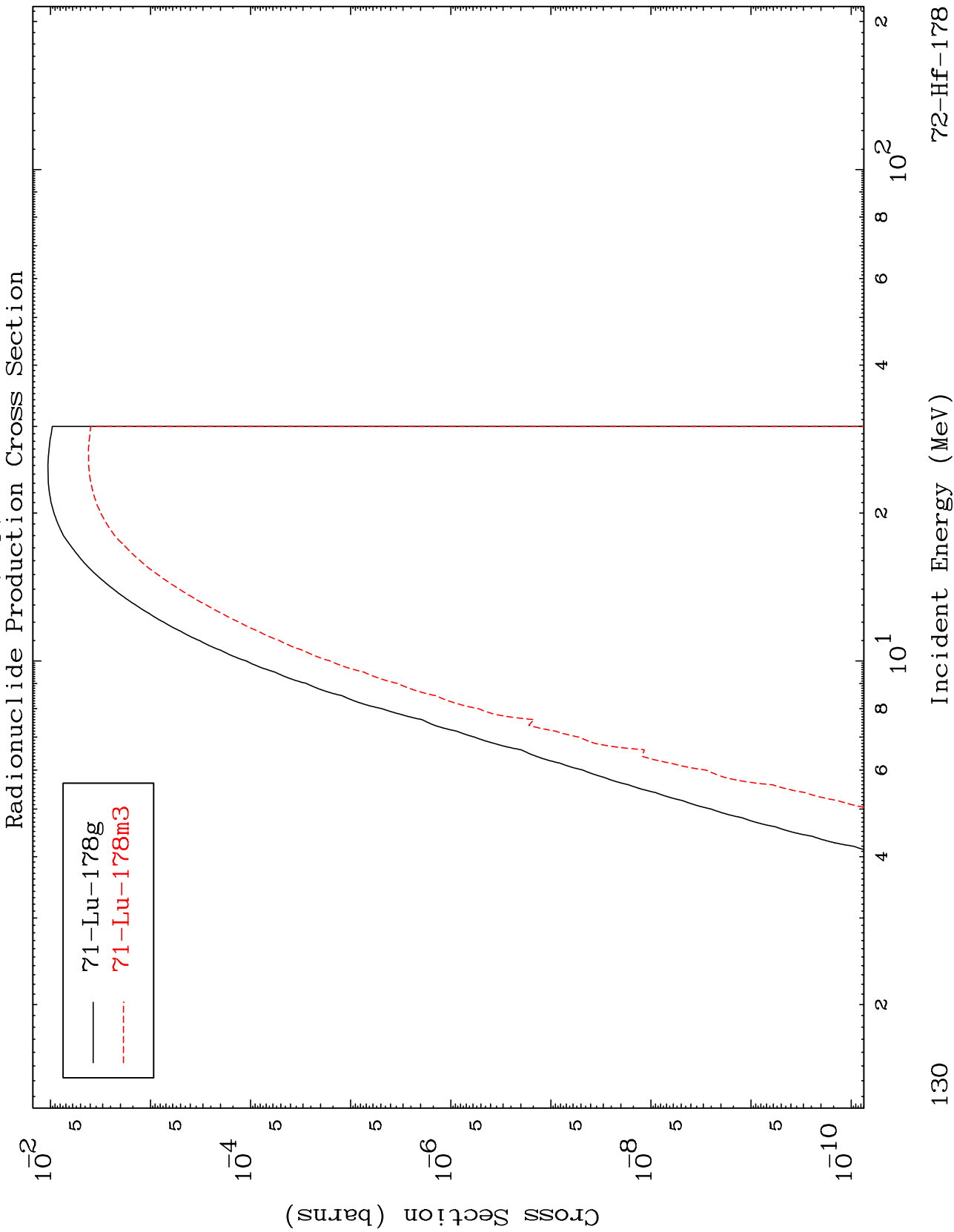
72-Hf-178

(n, γ)
Radionuclide Production Cross Section



MAT 7237

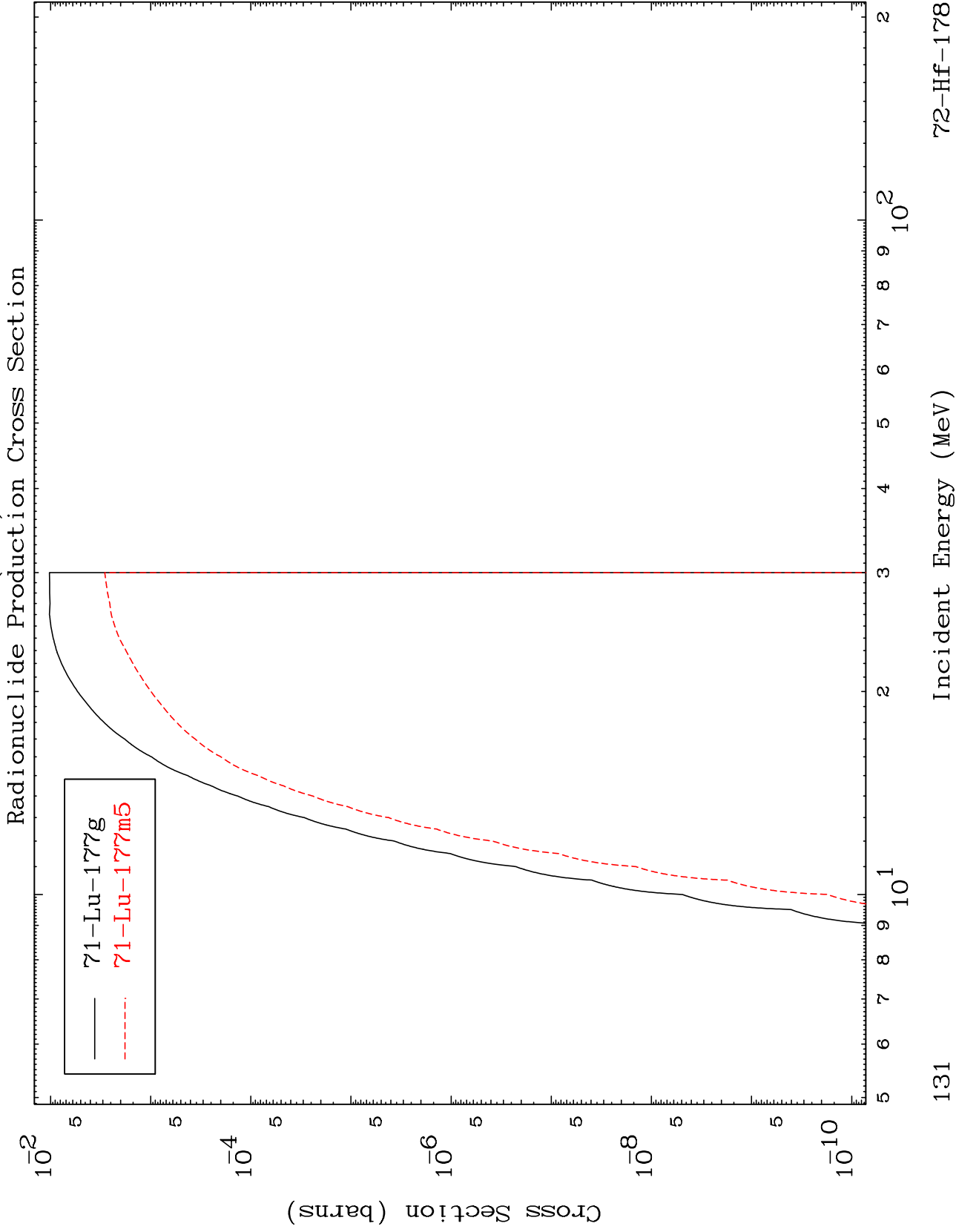
72-Hf-178



MAT 7237

(n,d)

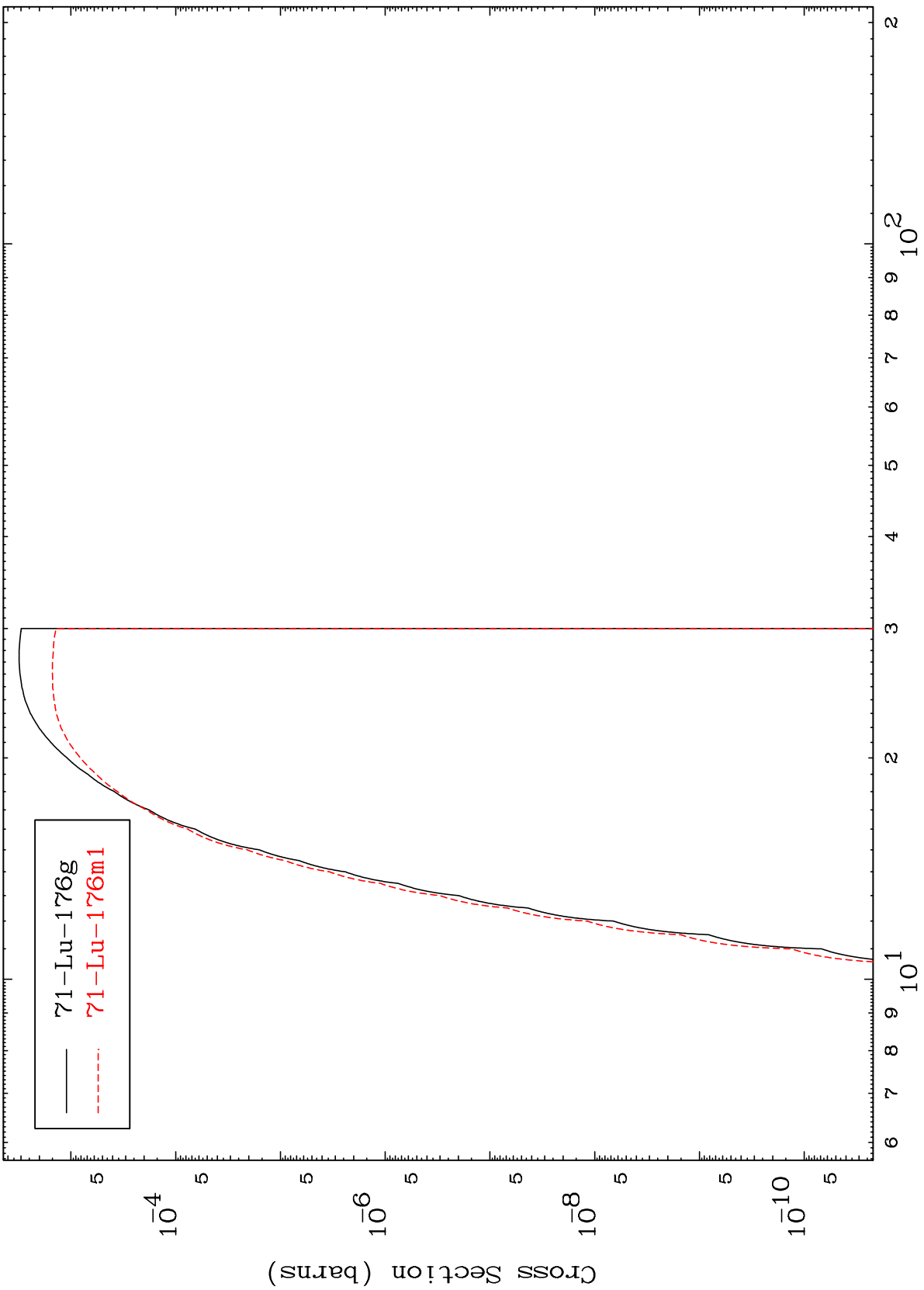
72-Hf-178



MAT 7237

72-Hf-178

Radionuclide Production Cross Section (n,t)



71-Lu-176g
71-Lu-176m1

Incident Energy (MeV)

72-Hf-178

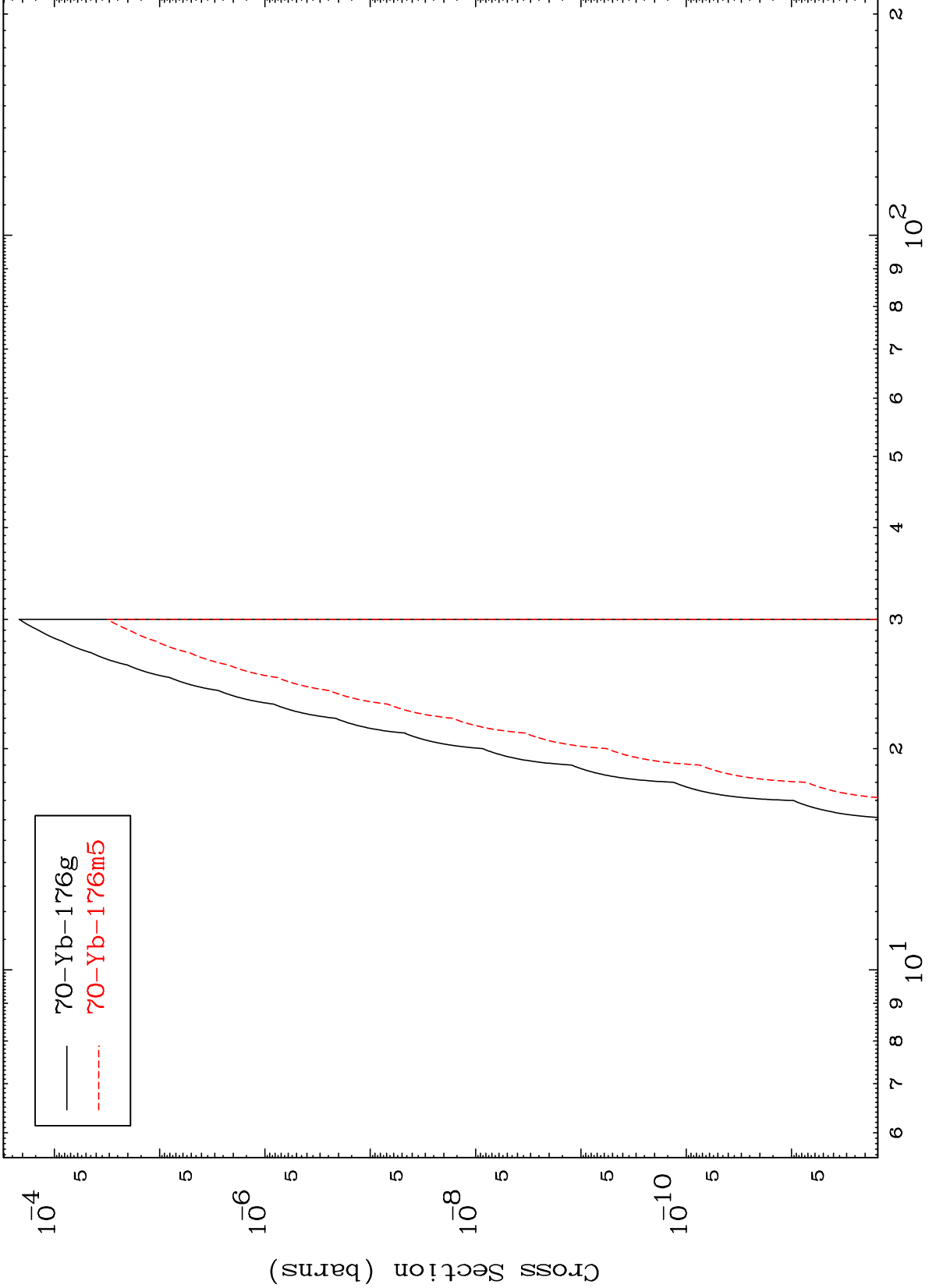
132

MAT 7237

(n,He-3)

72-Hf-178

Radionuclide Production Cross Section



70-Yb-176g
70-Yb-176m5

133

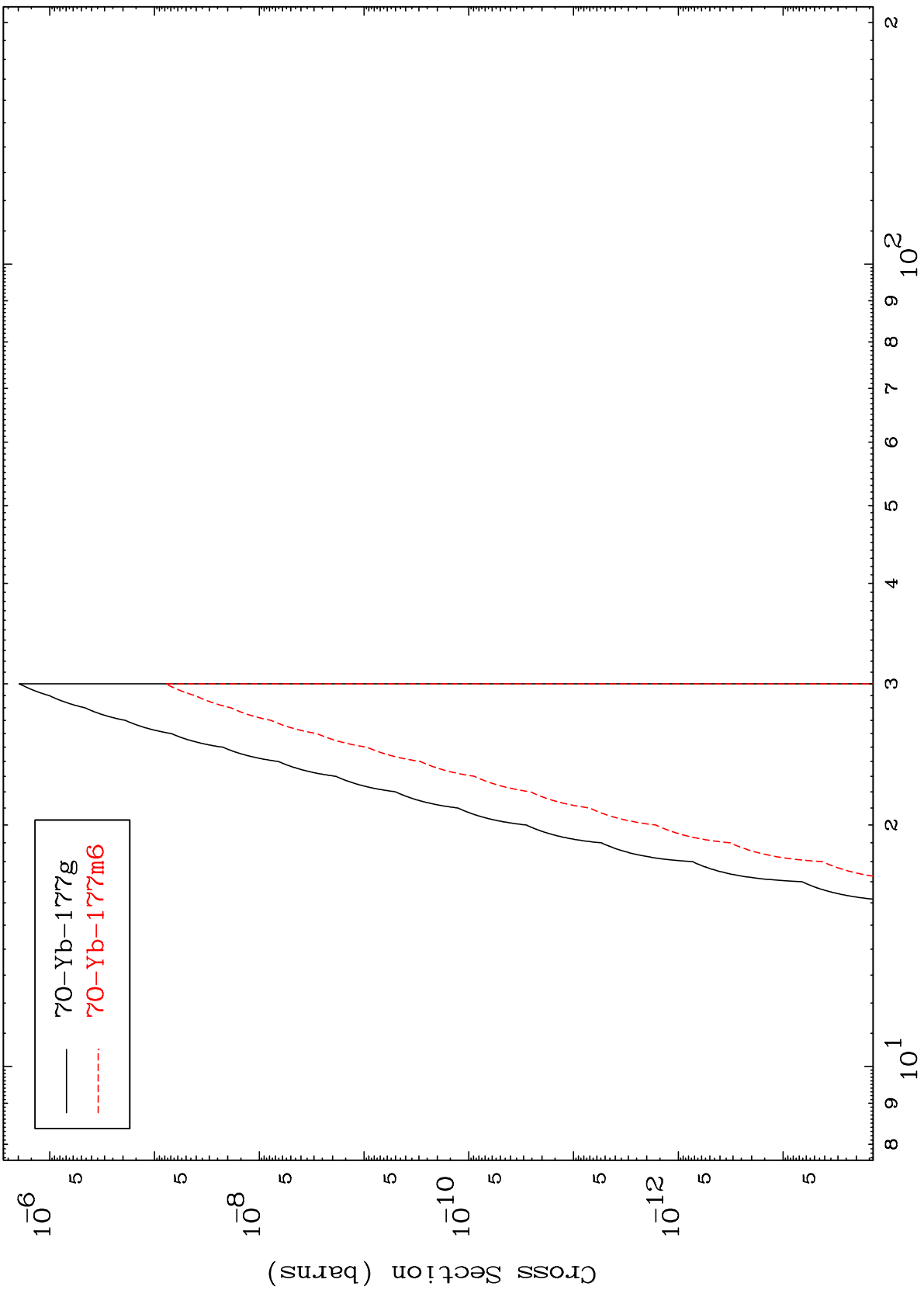
Incident Energy (MeV)

72-Hf-178

MAT 7237

72-Hf-178

(n,2p)
Radionuclide Production Cross Section



— 70-Yb-177g
- - - 70-Yb-177m6

134

Incident Energy (MeV)

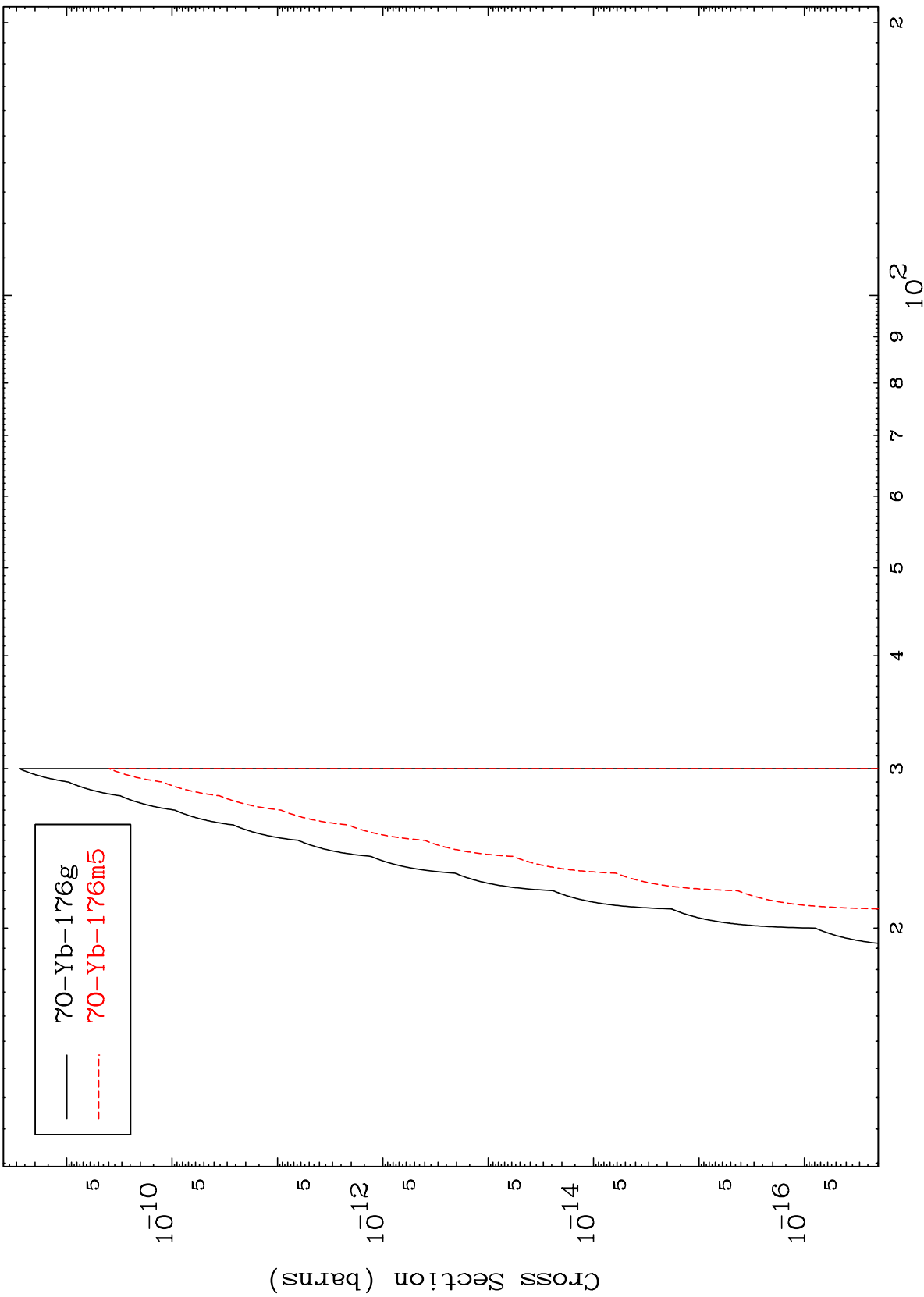
72-Hf-178

MAT 7237

(n,p) d

72-Hf-178

Radionuclide Production Cross Section



135

Incident Energy (MeV)

72-Hf-178