

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

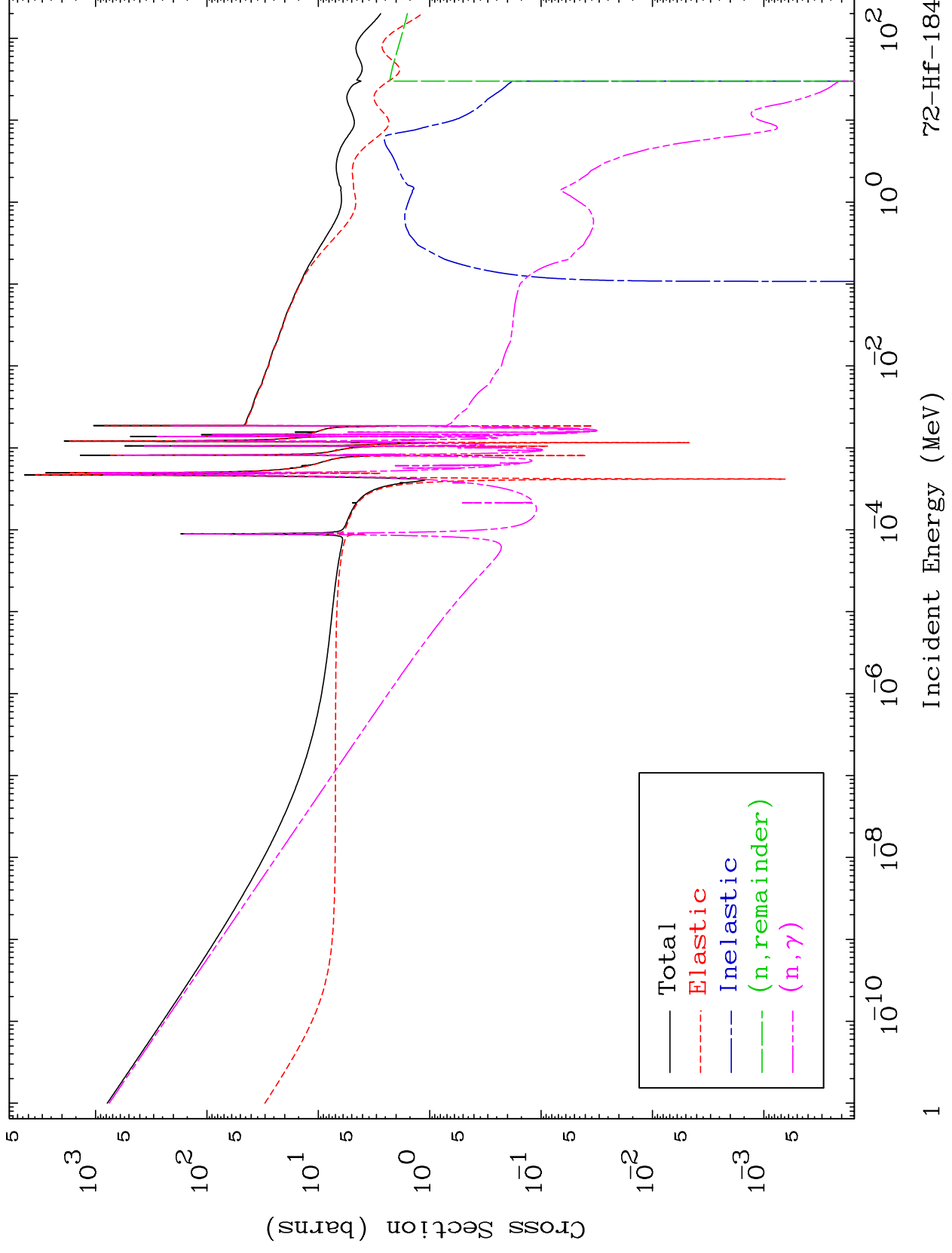
Press Mouse Button to Start

MAT 7255

Major

293 Kelvin Cross Sections

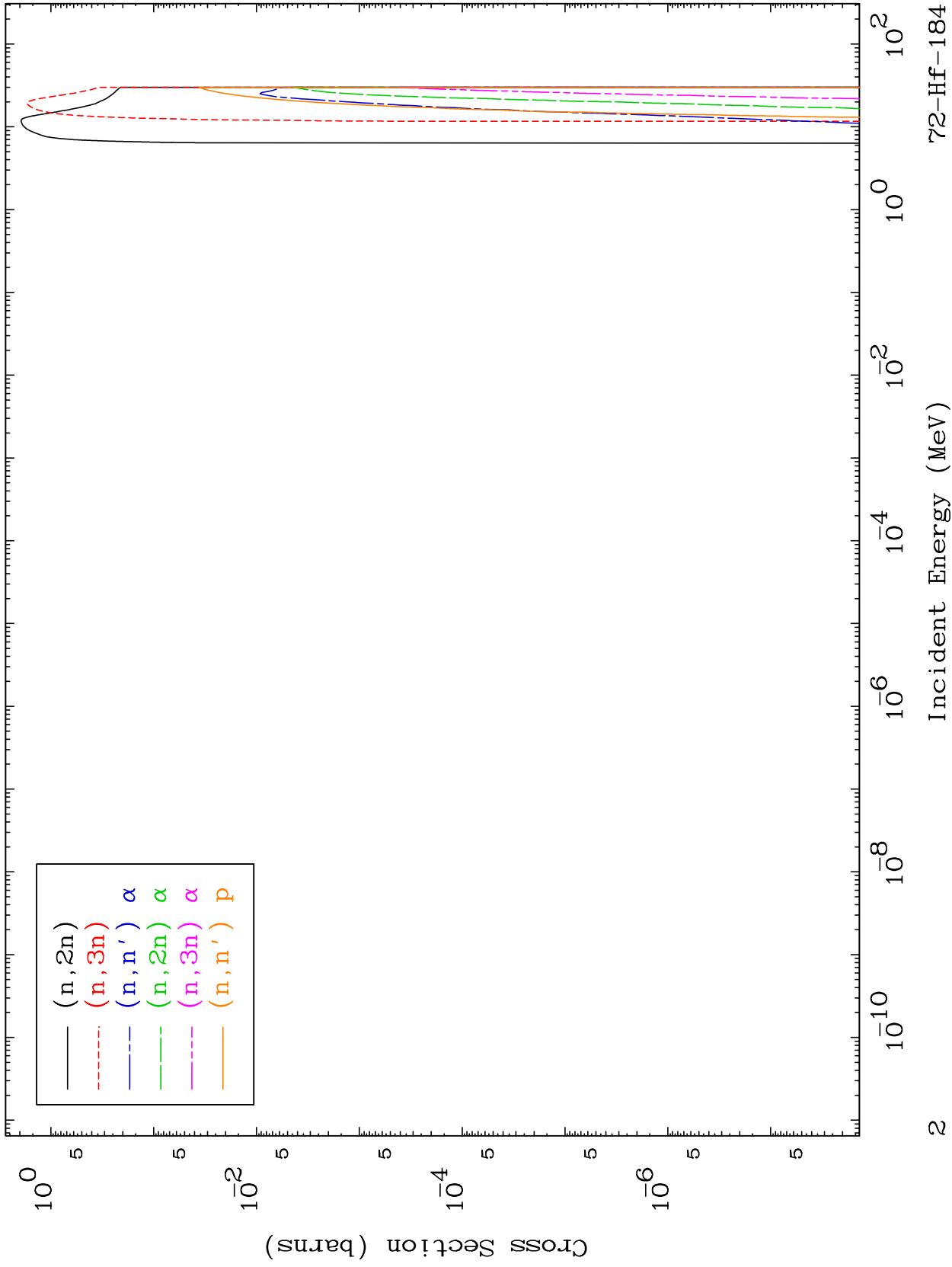
72-Hf-184

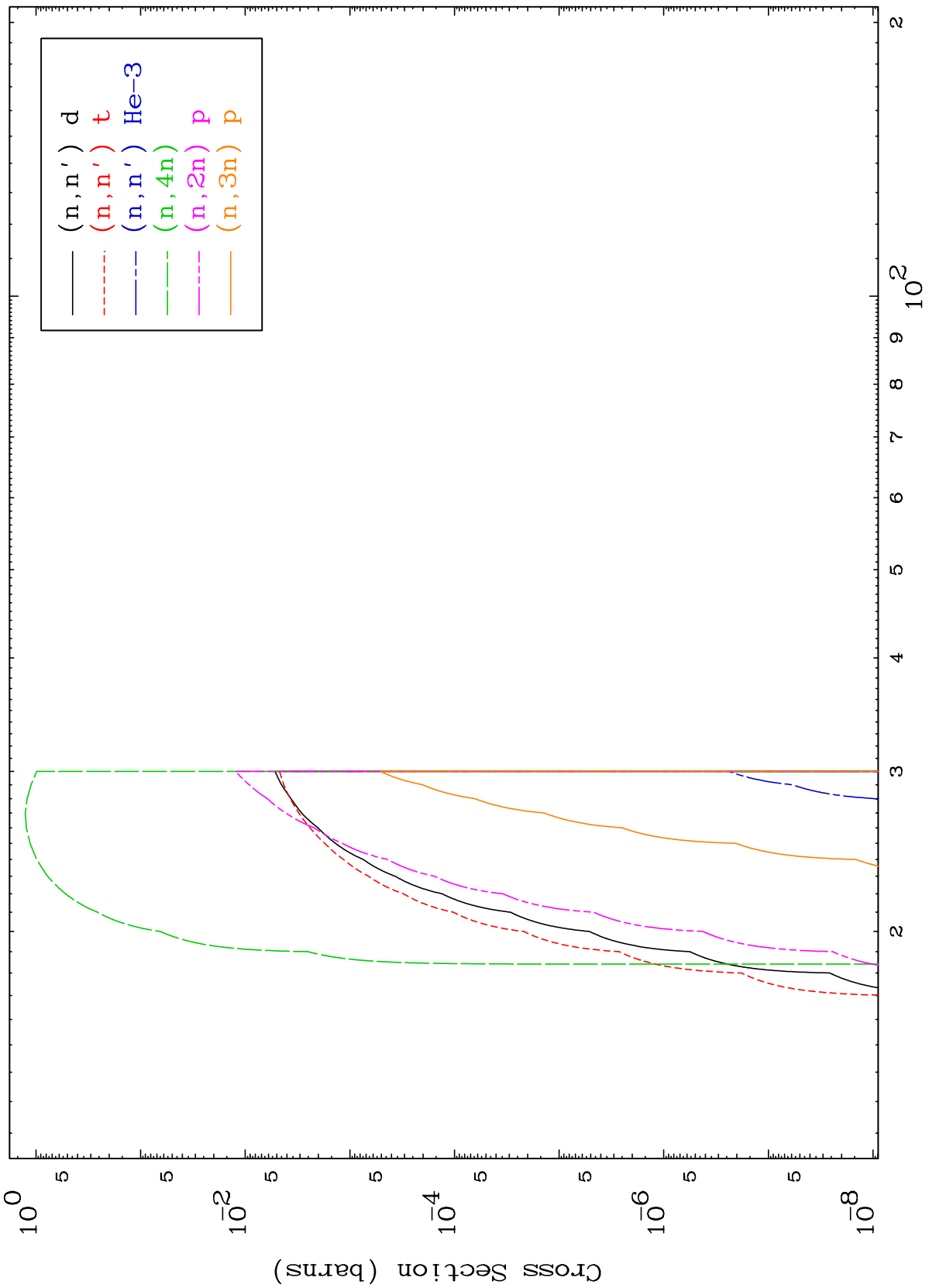


MAT 7255

Neutron Production  
293 Kelvin Cross Sections

72-Hf-184

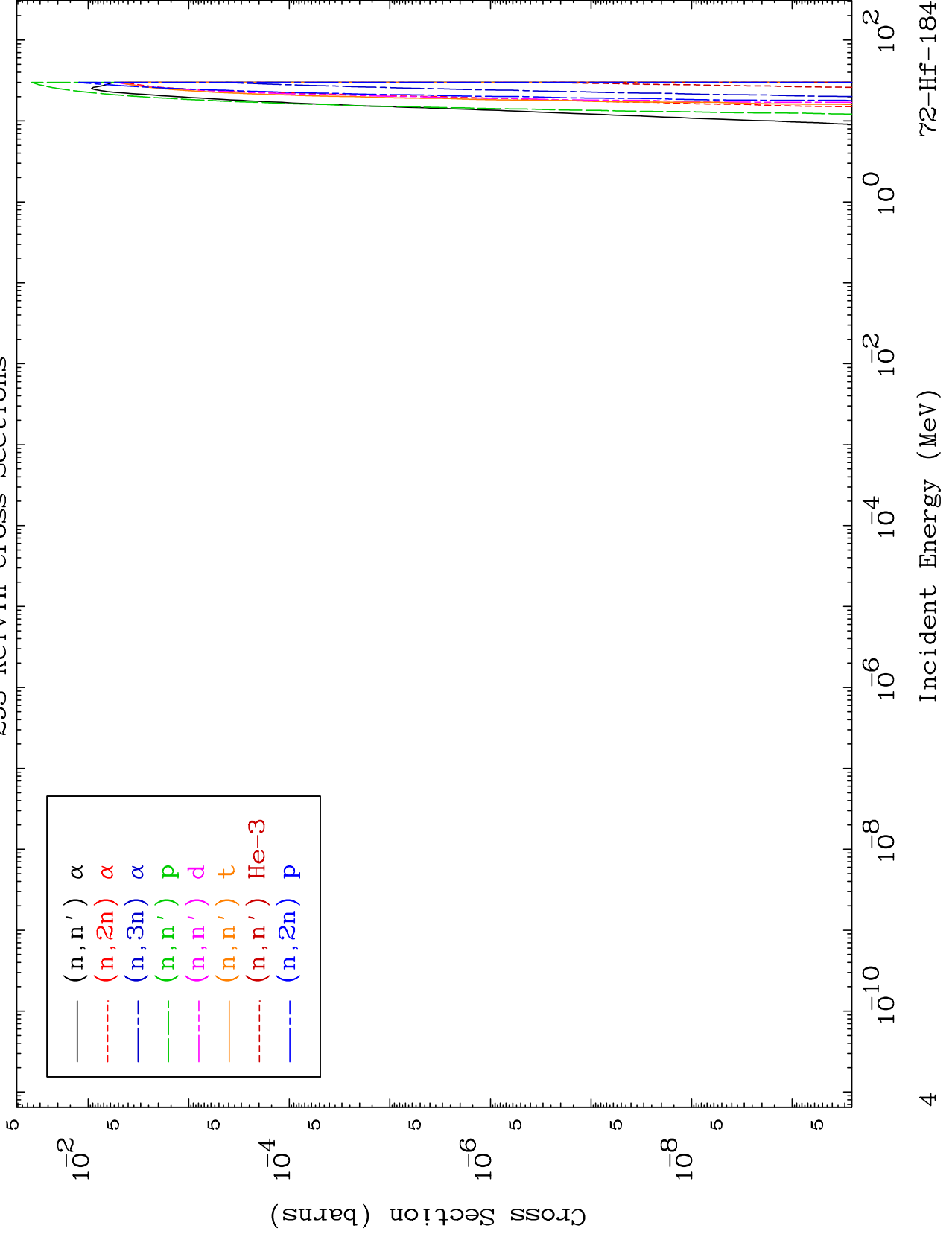




MAT 7255

Charged Particle  
293 Kelvin Cross Sections

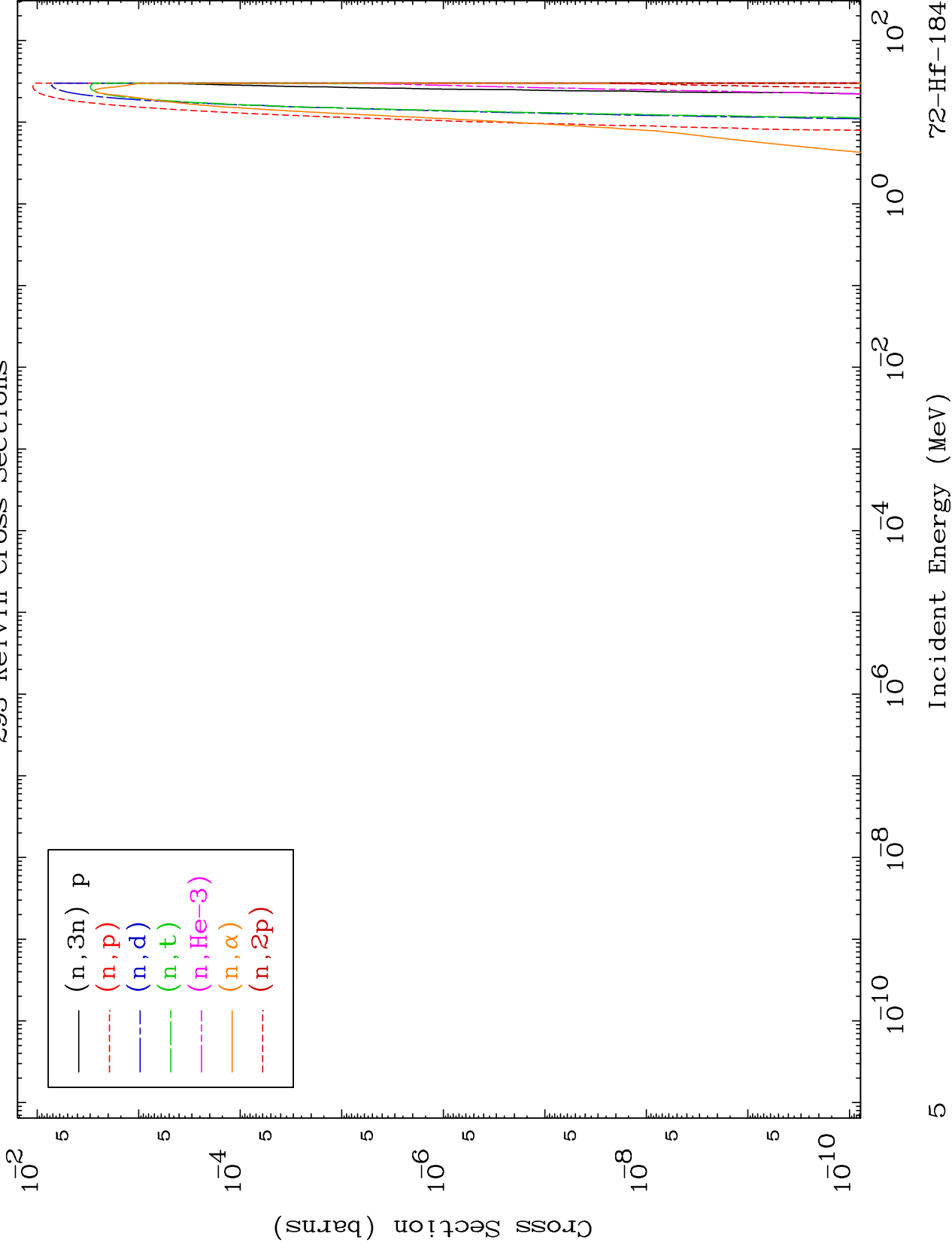
72-Hf-184



MAT 7255

Charged Particle  
293 Kelvin Cross Sections

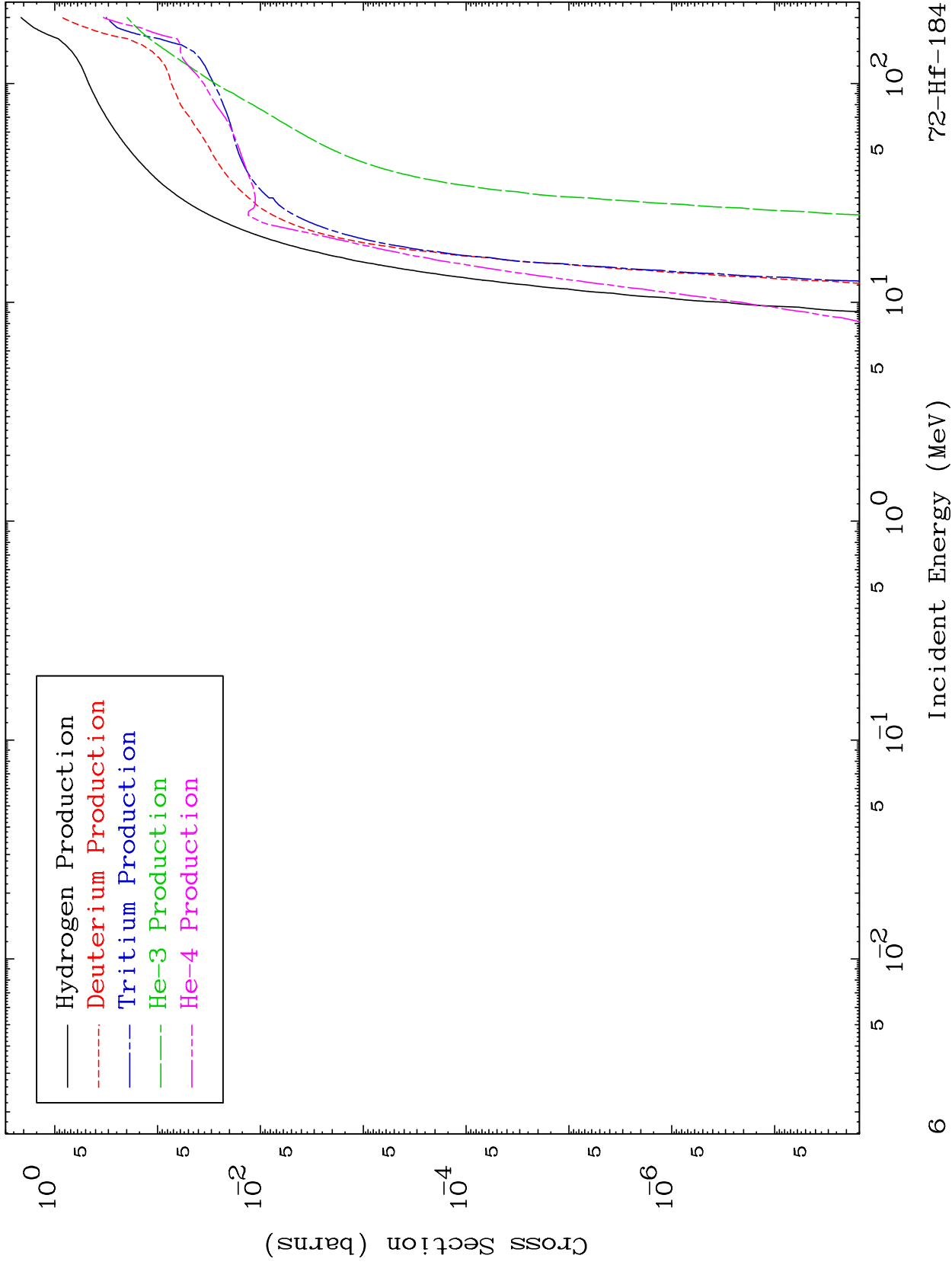
72-Hf-184



MAT 7255

Particle Production  
293 Kelvin Cross Sections

72-Hf-184

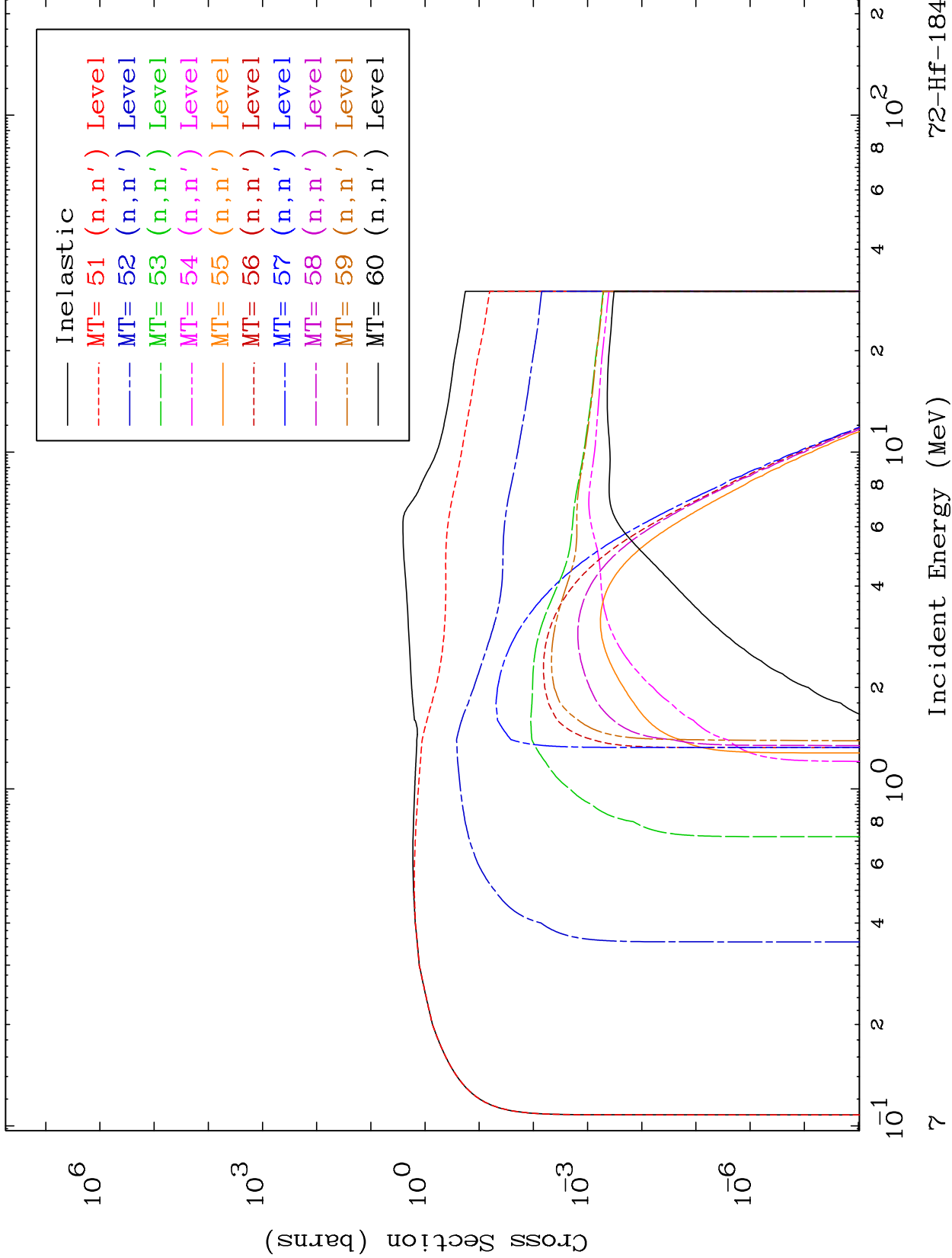


MAT 7255

(n,n') Level

72-Hf-184

293 Kelvin Cross Sections



Incident Energy (MeV)

72-Hf-184

7

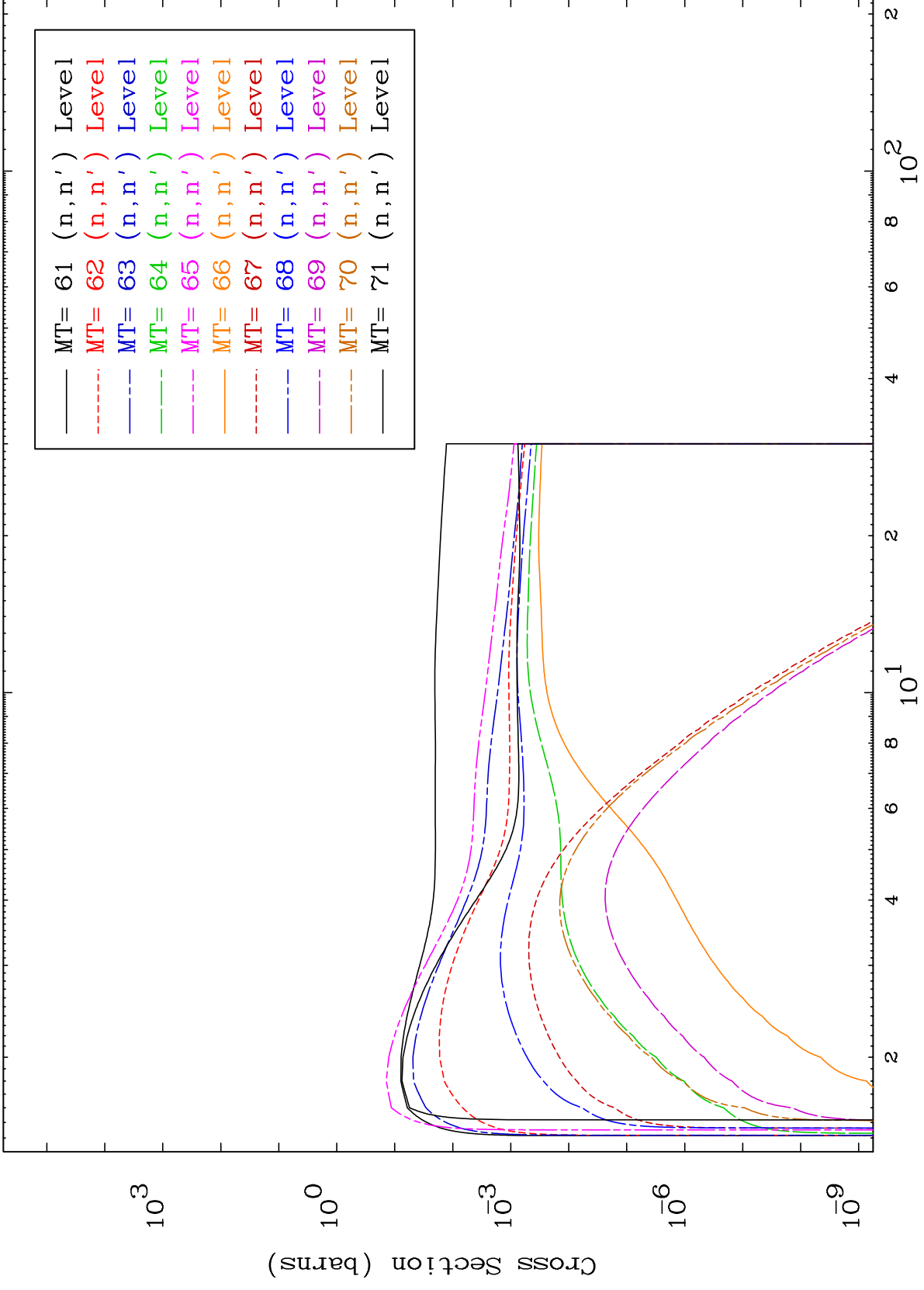


MAT 7255

(n,n') Level

72-Hf-184

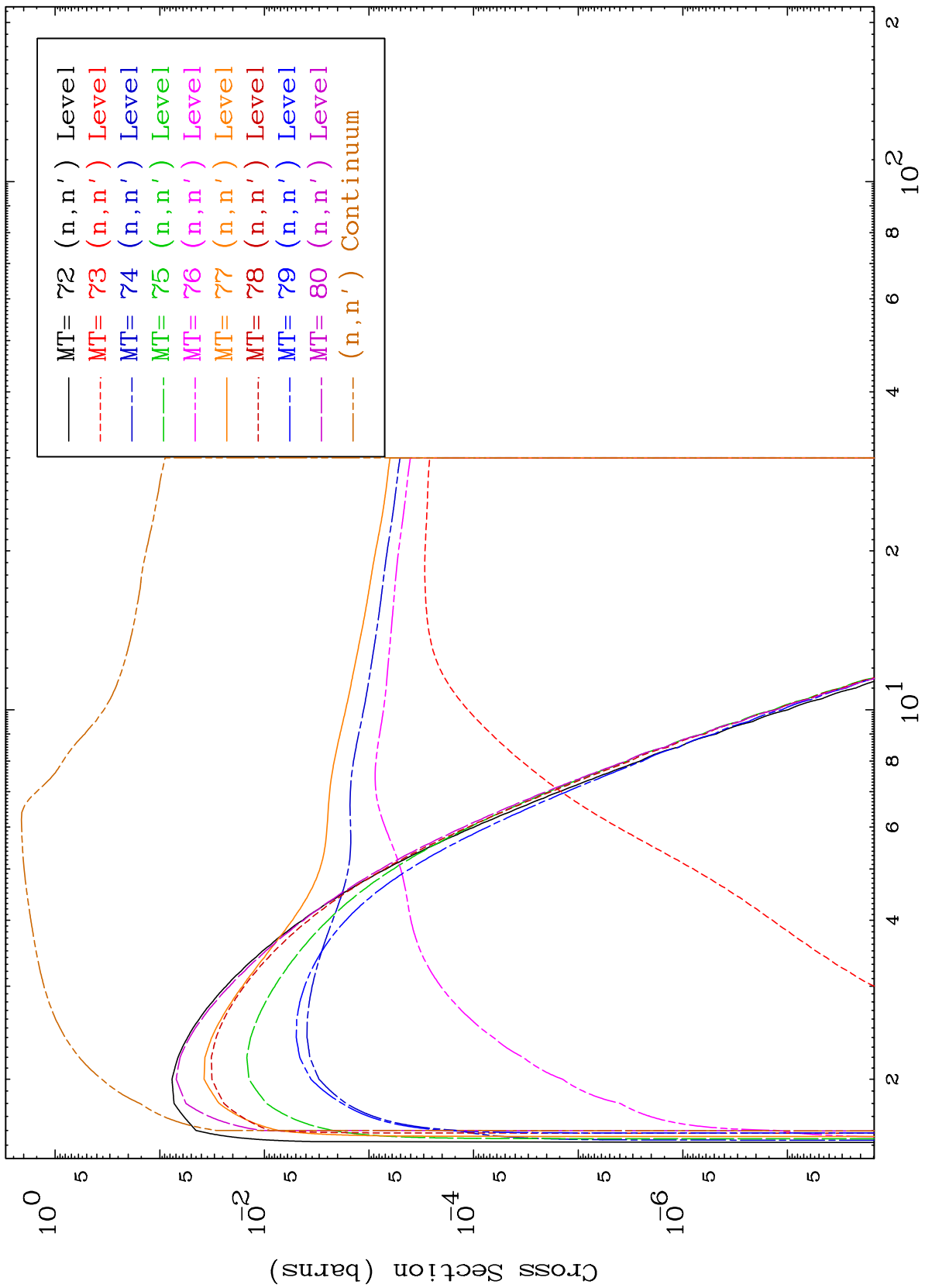
293 Kelvin Cross Sections



8

Incident Energy (MeV)

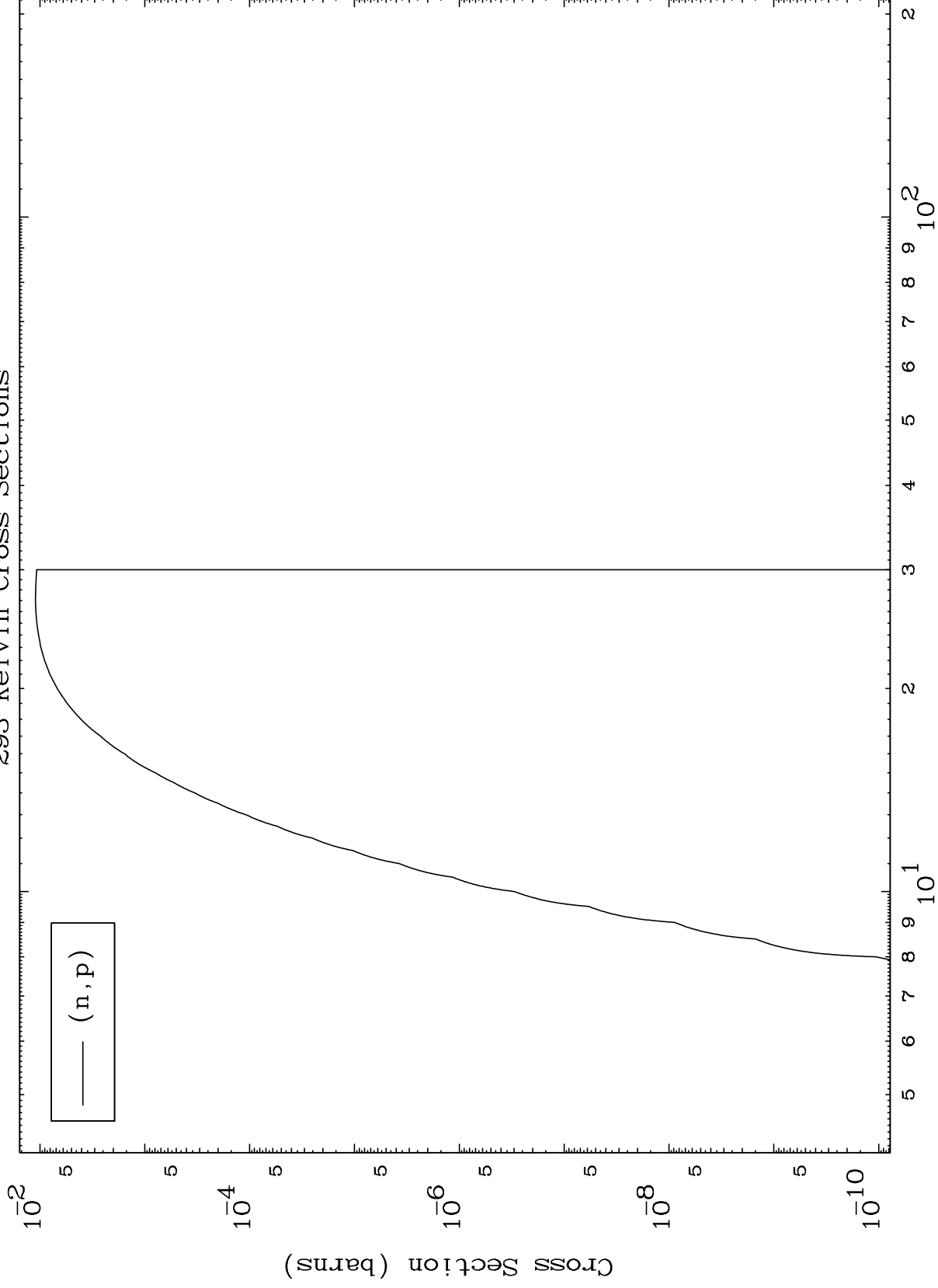
72-Hf-184



MAT 7255

(n,p) Levels  
293 Kelvin Cross Sections

72-Hf-184



Incident Energy (MeV)

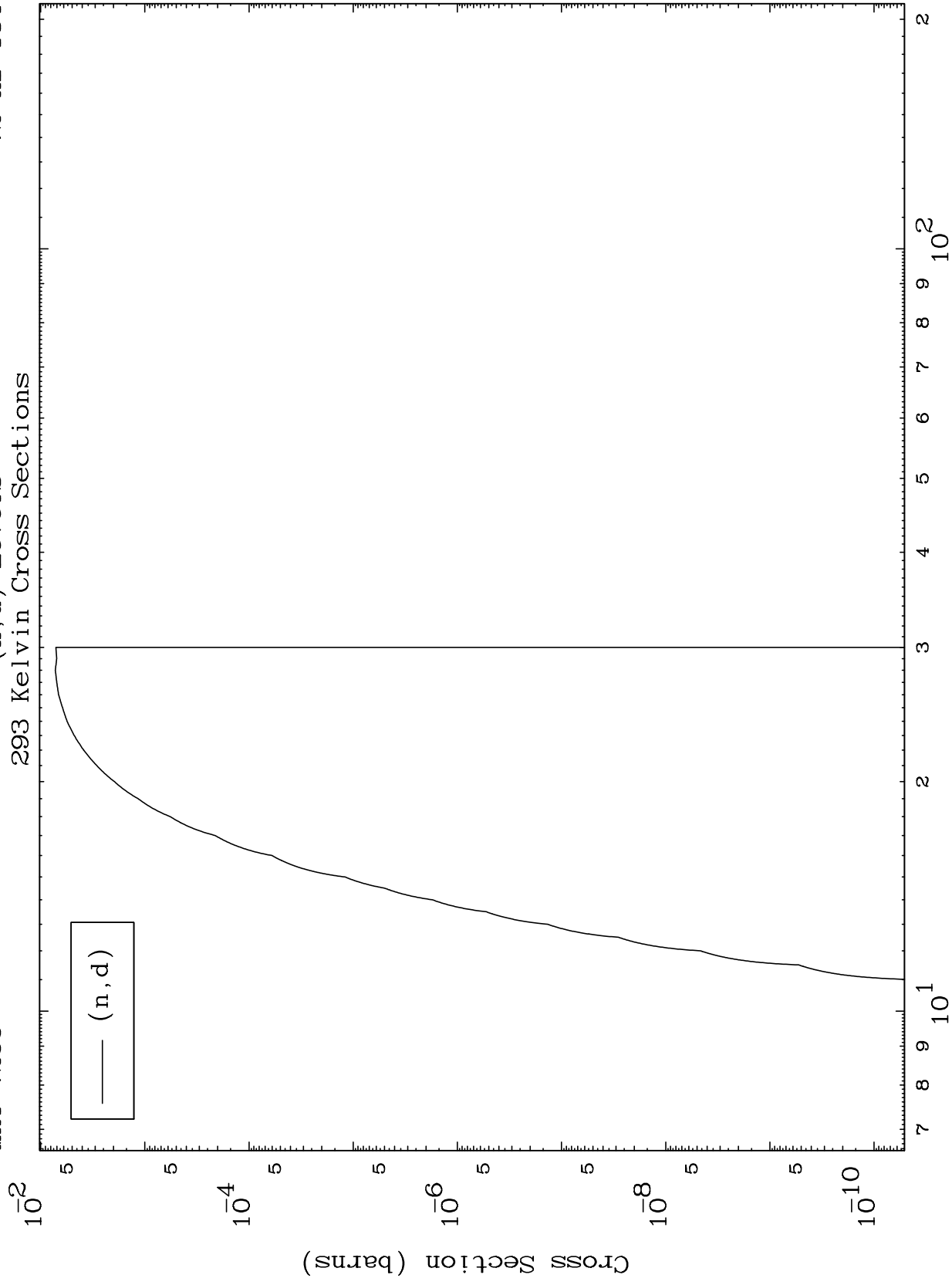
72-Hf-184

10

MAT 7255

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-184



11

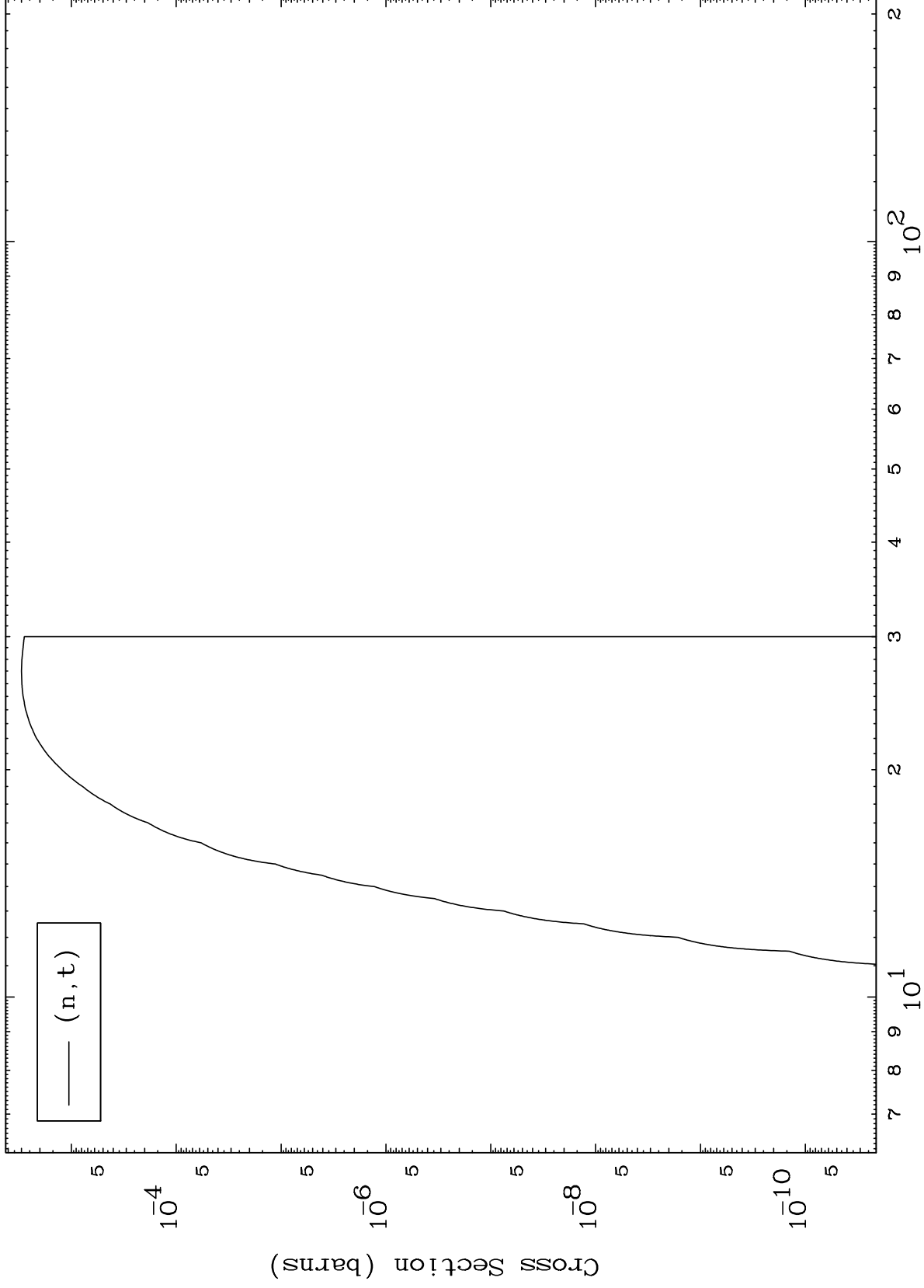
Incident Energy (MeV)

72-Hf-184

MAT 7255

(n,t) Levels  
293 Kelvin Cross Sections

72-Hf-184



12

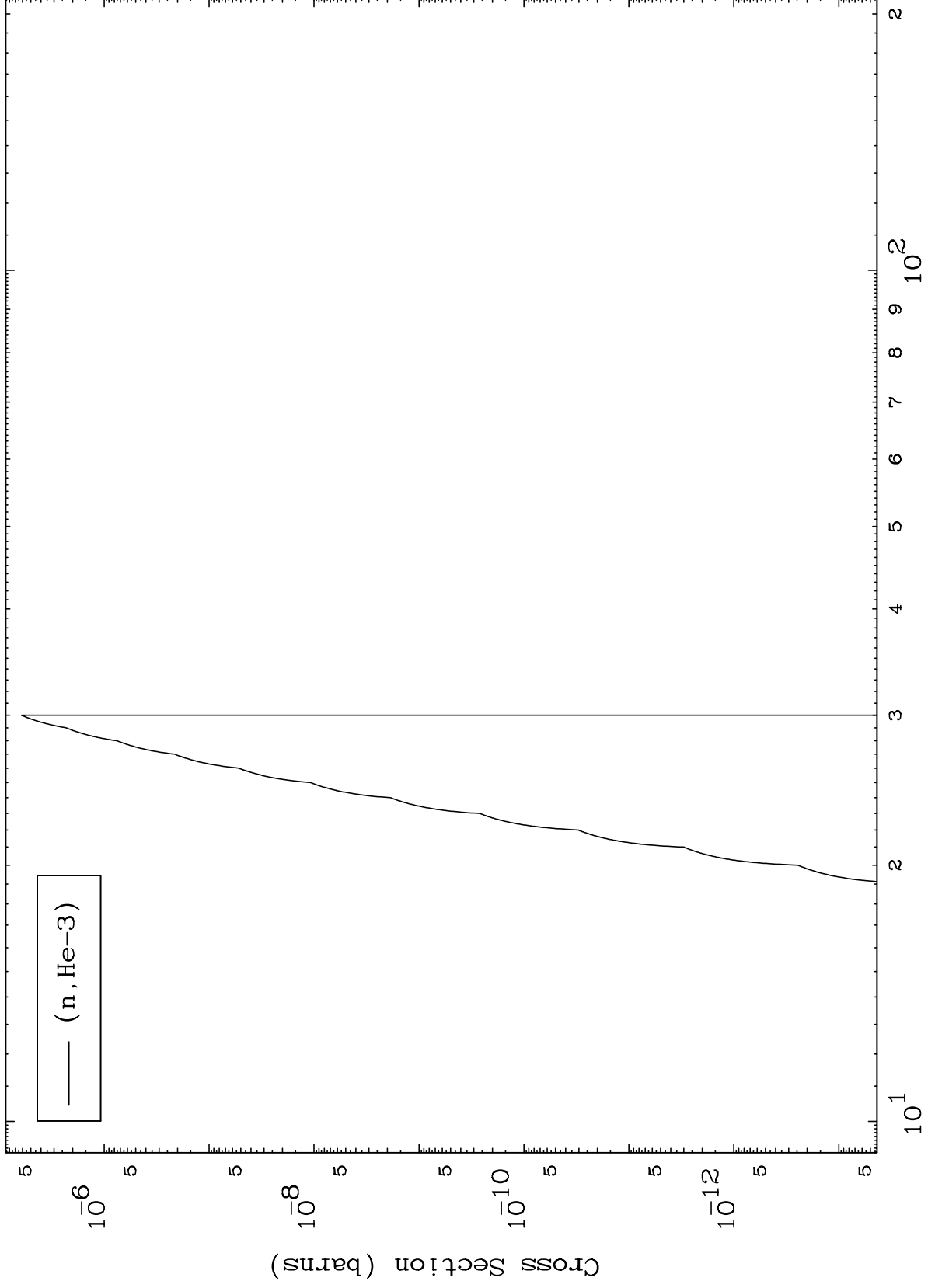
Incident Energy (MeV)

72-Hf-184

MAT 7255

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-184



13

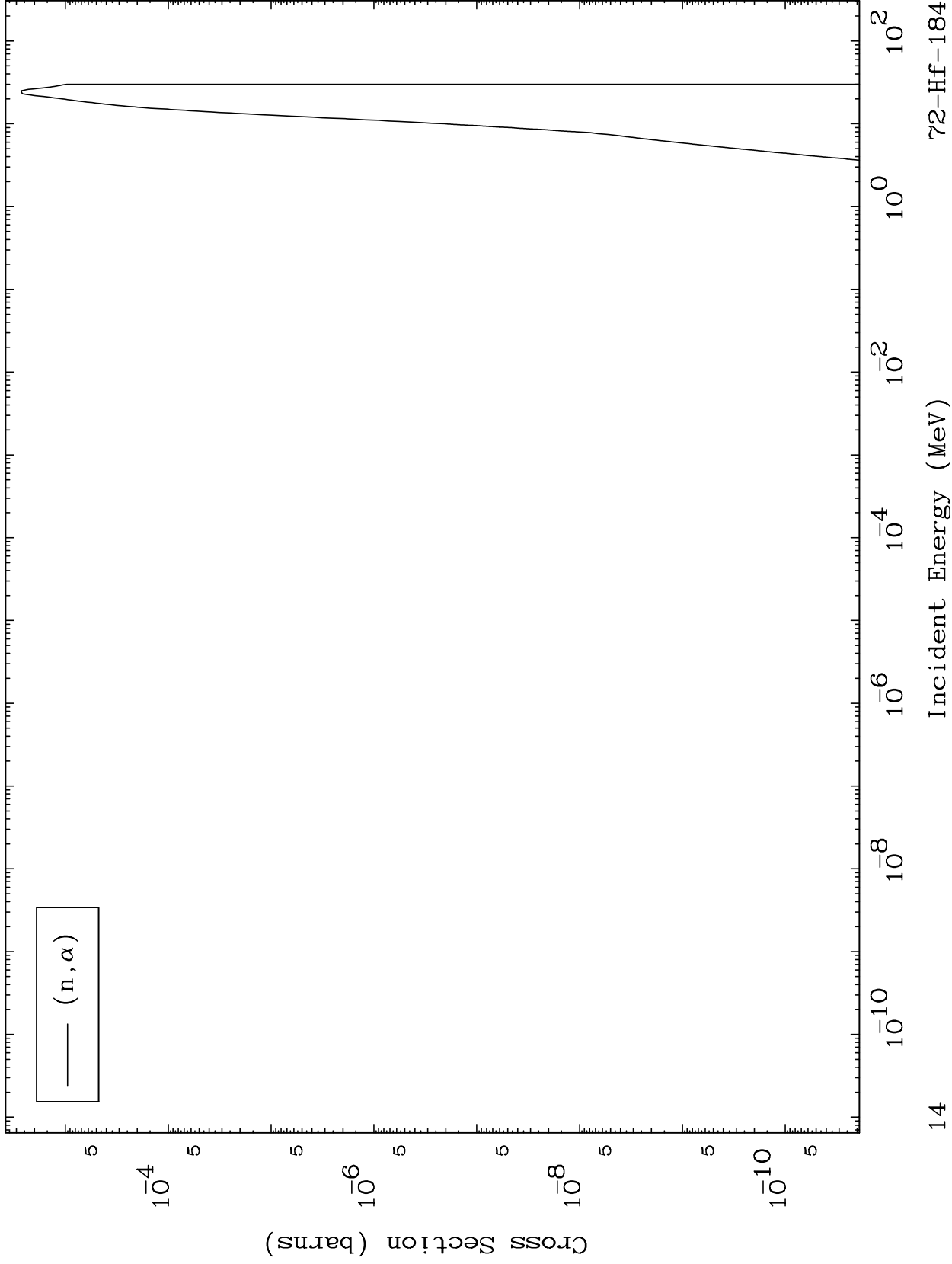
Incident Energy (MeV)

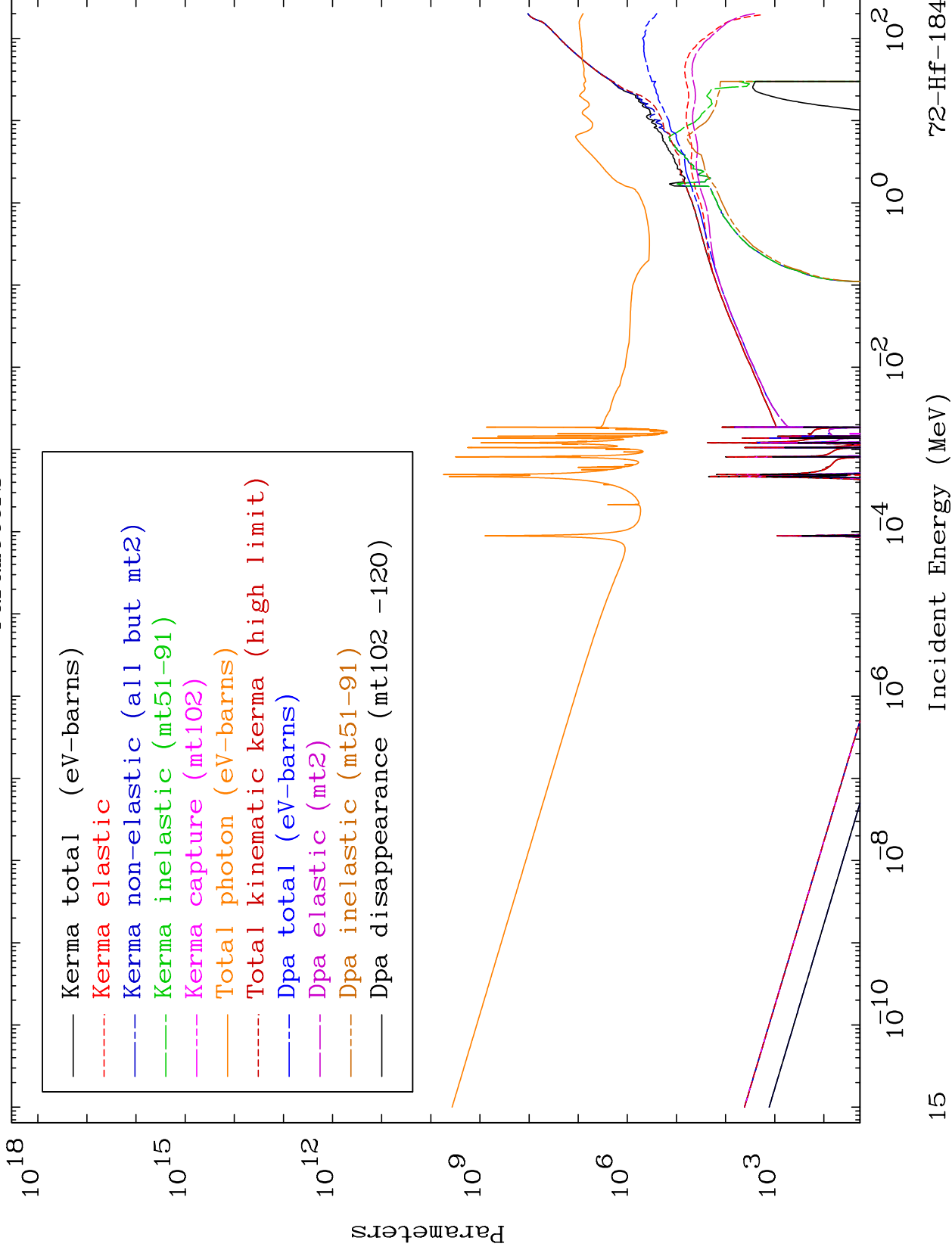
72-Hf-184

MAT 7255

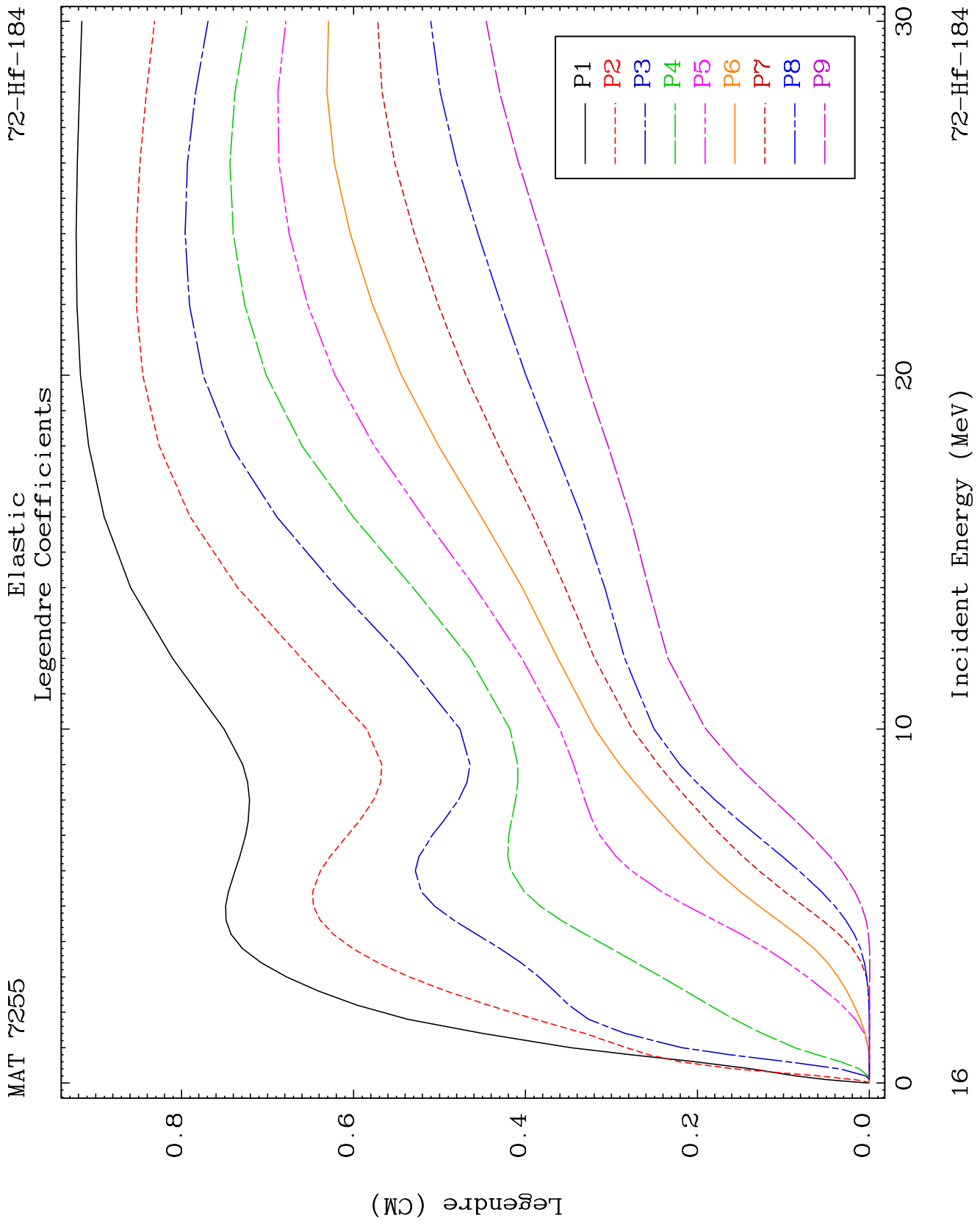
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

72-Hf-184





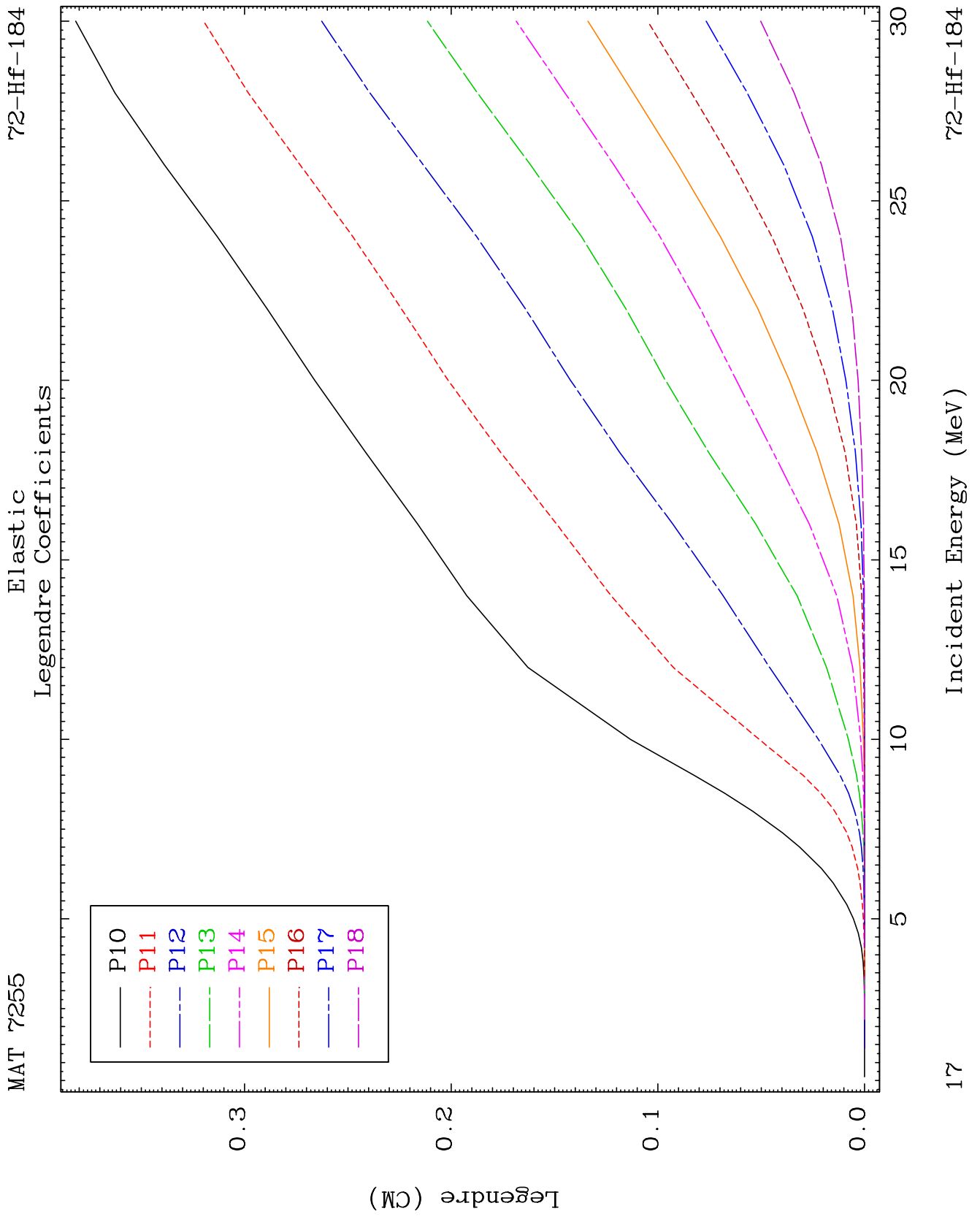




72-Hf-184

Incident Energy (MeV)

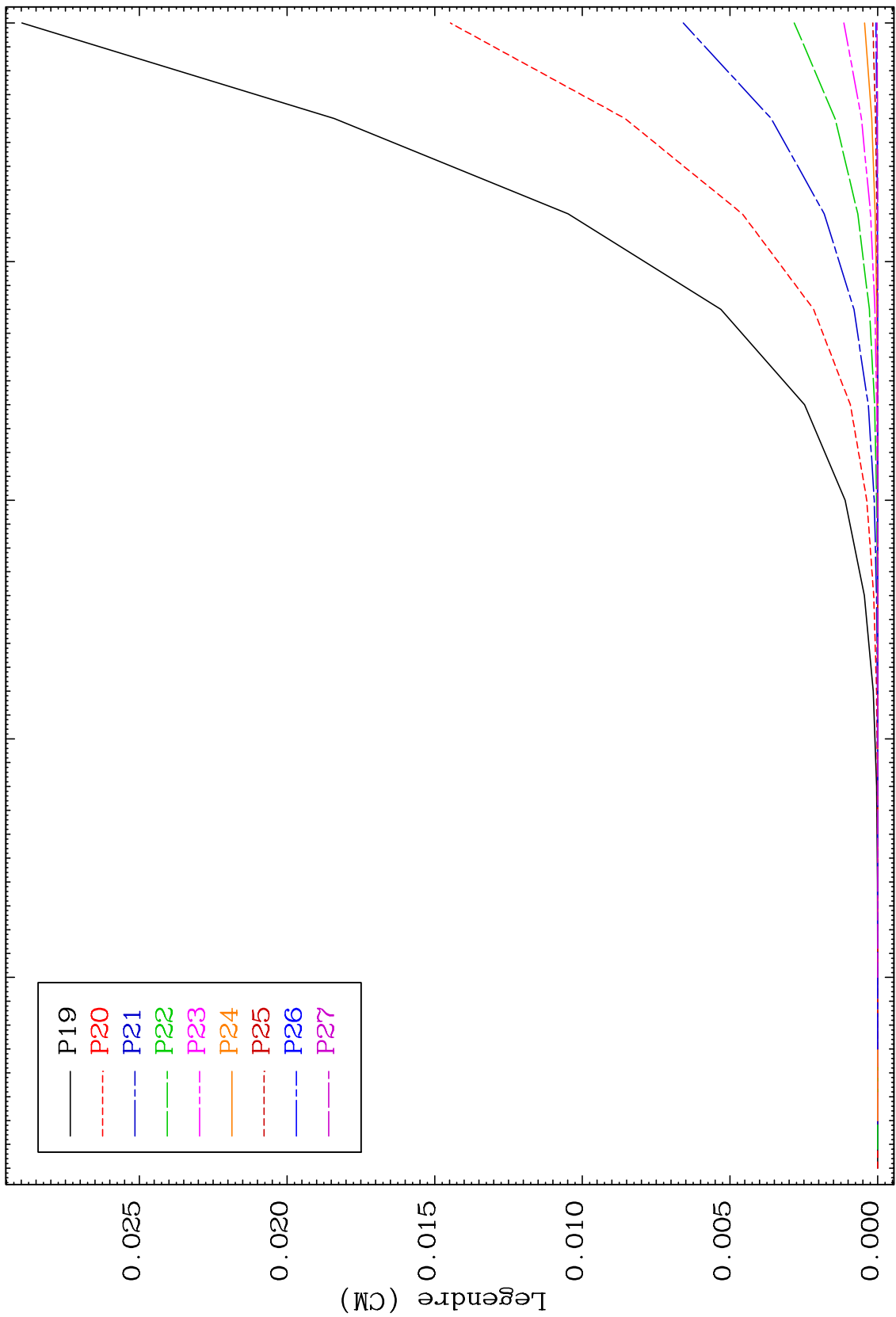
16



MAT 7255

Elastic  
Legendre Coefficients

72-Hf-184



18

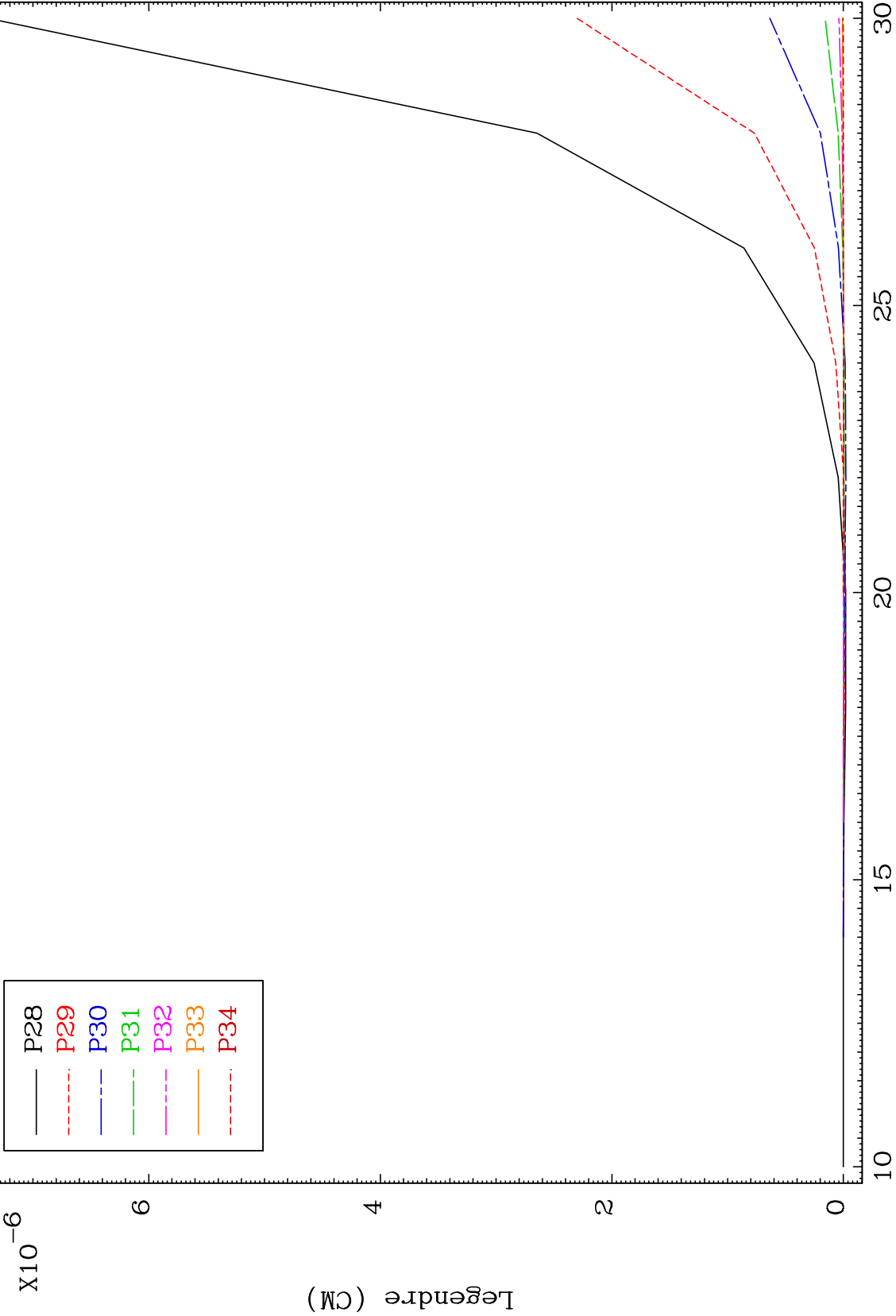
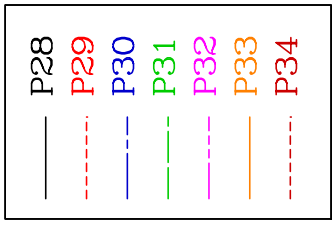
Incident Energy (MeV)

72-Hf-184

MAT 7255

Elastic Legendre Coefficients

72-Hf-184



19

Incident Energy (MeV)

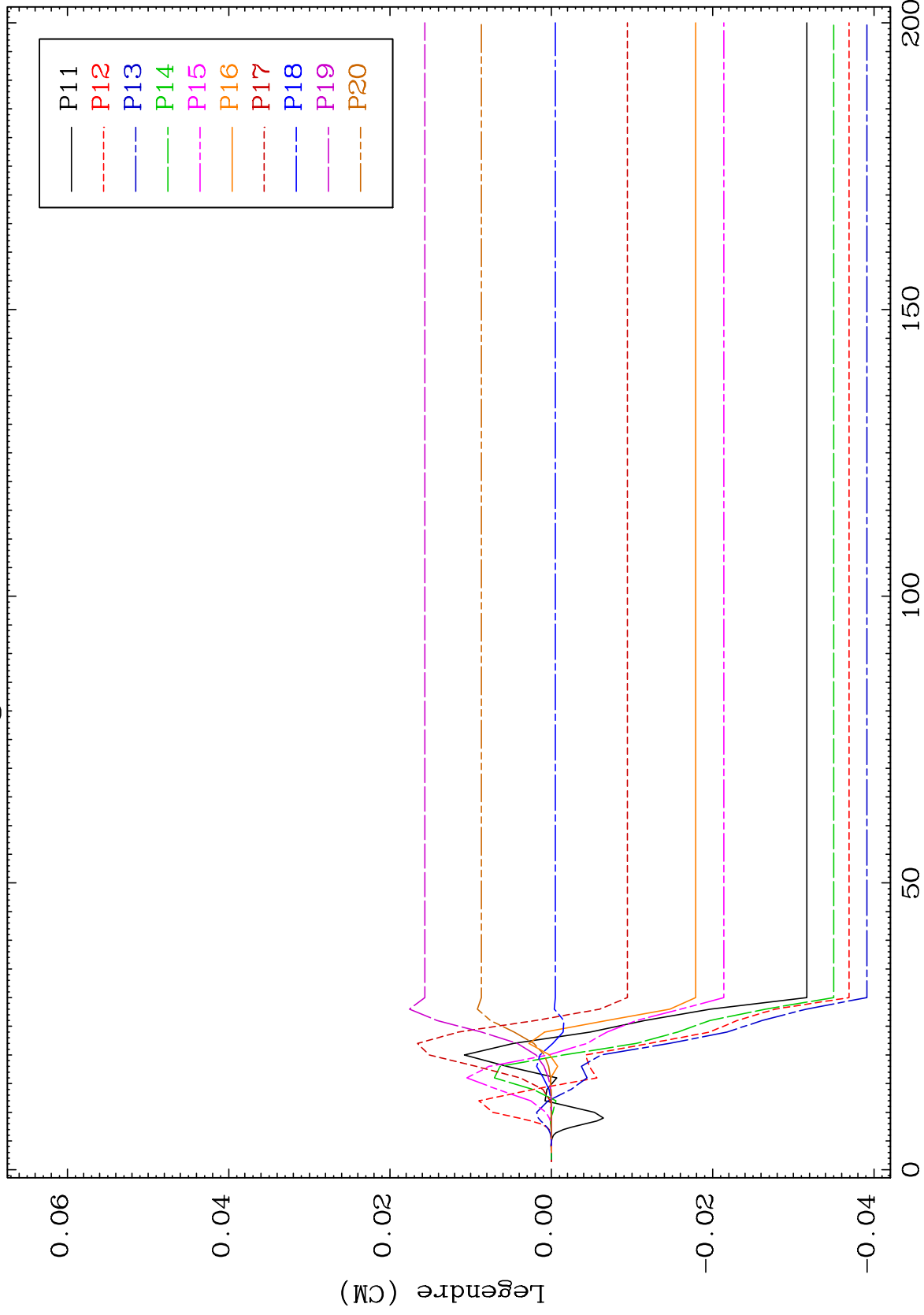
72-Hf-184



MAT 7255

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

72-Hf-184



21

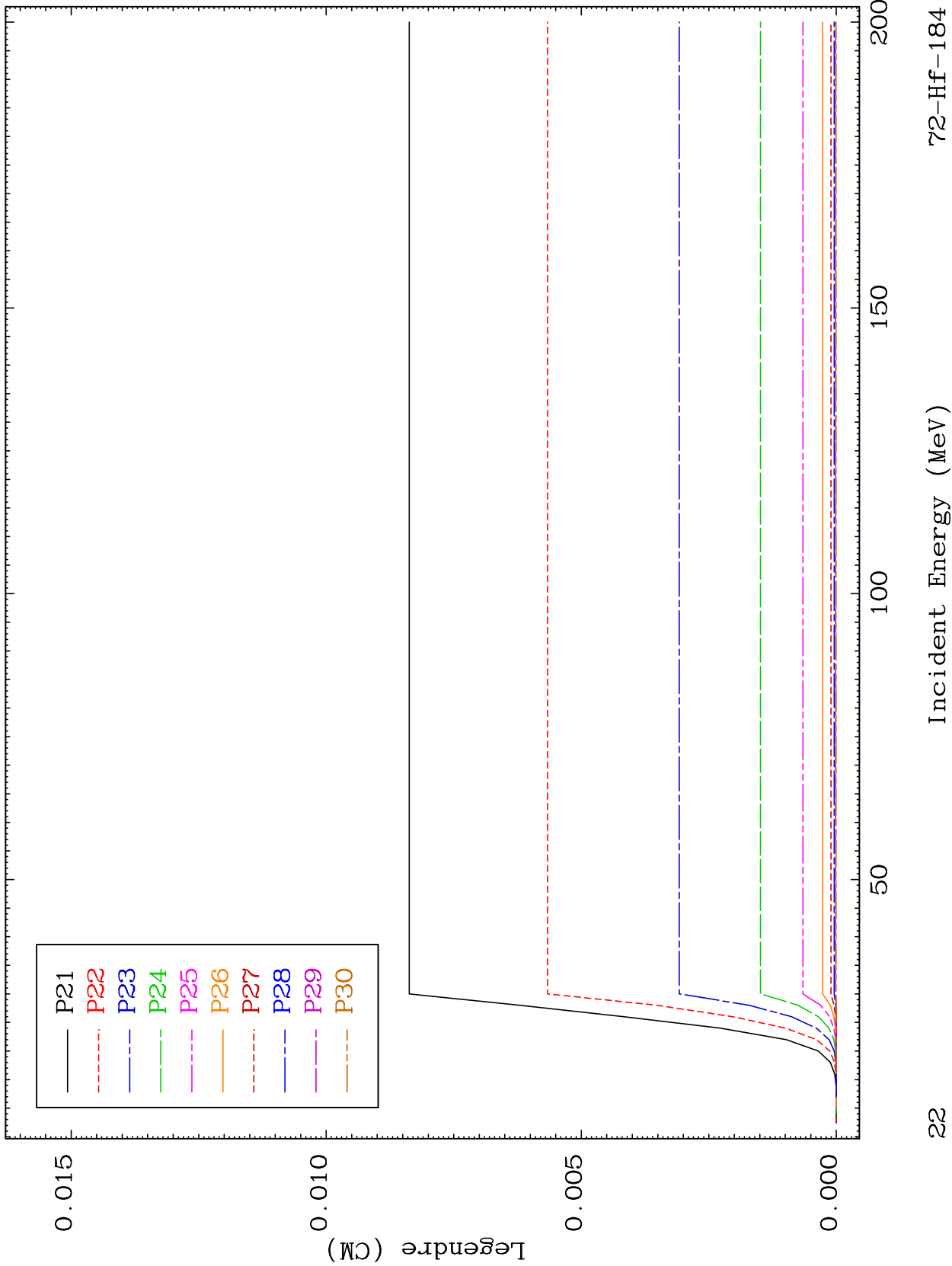
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



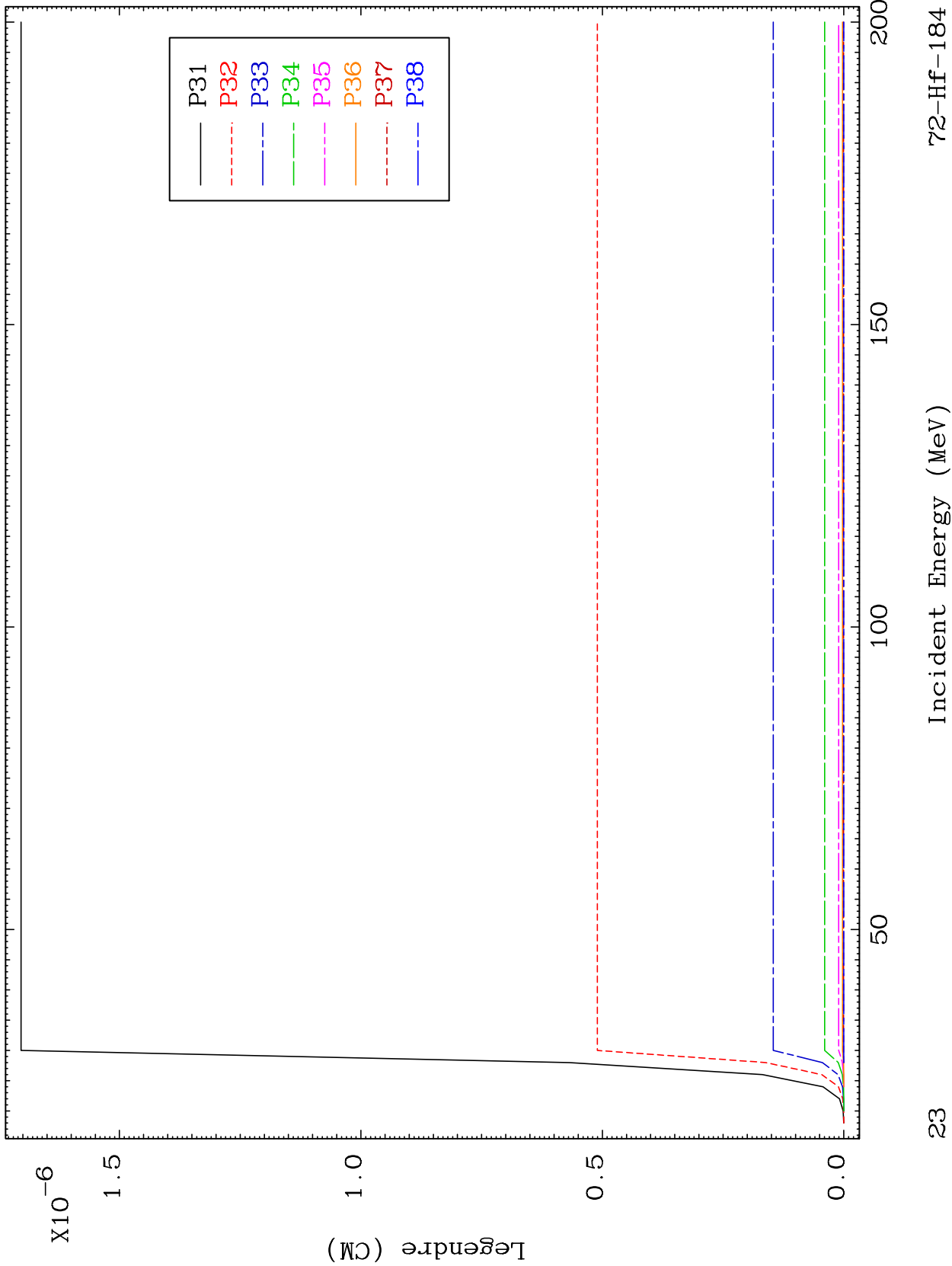
22

72-Hf-184

MAT 7255

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

72-Hf-184

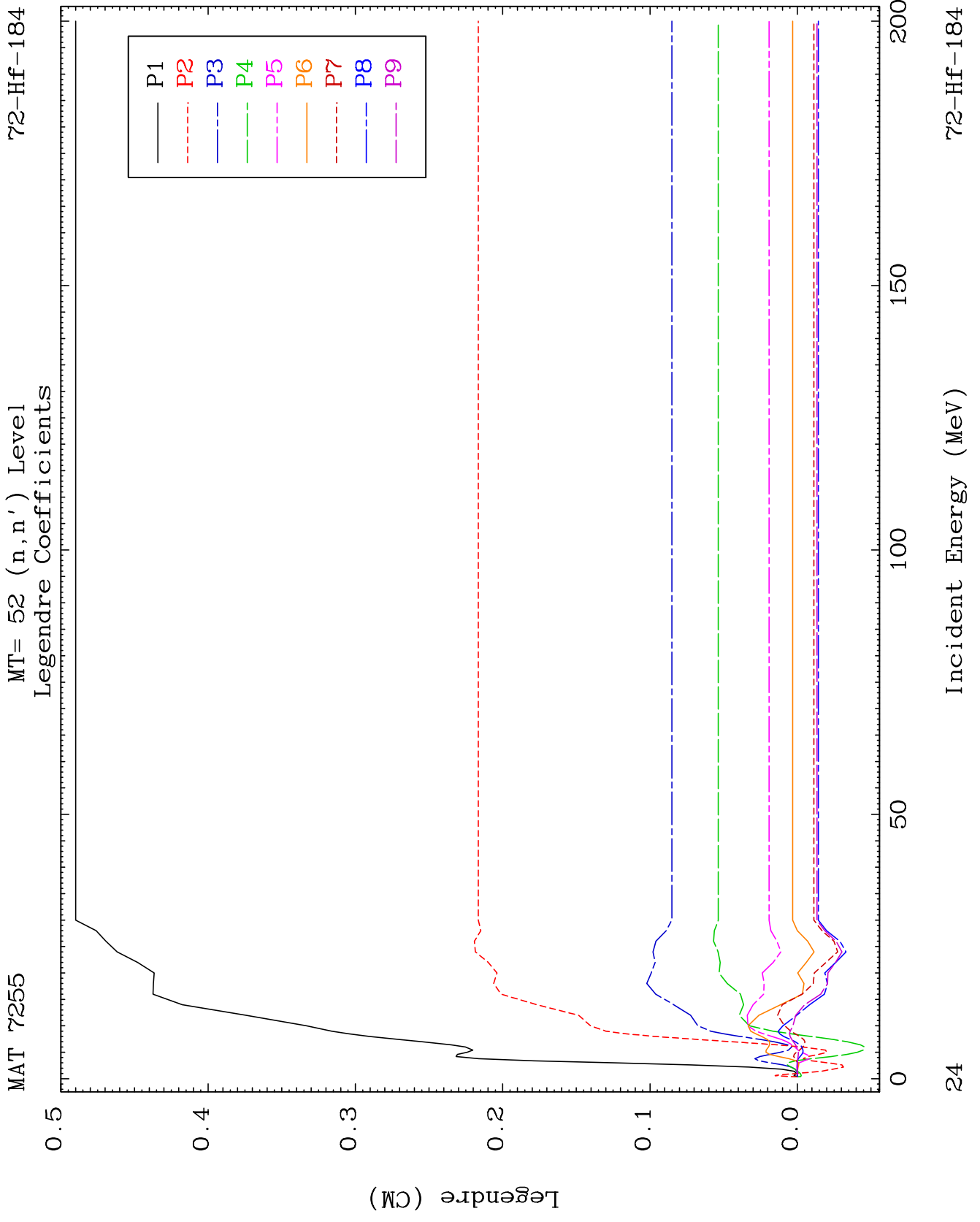


23

Incident Energy (MeV)

72-Hf-184

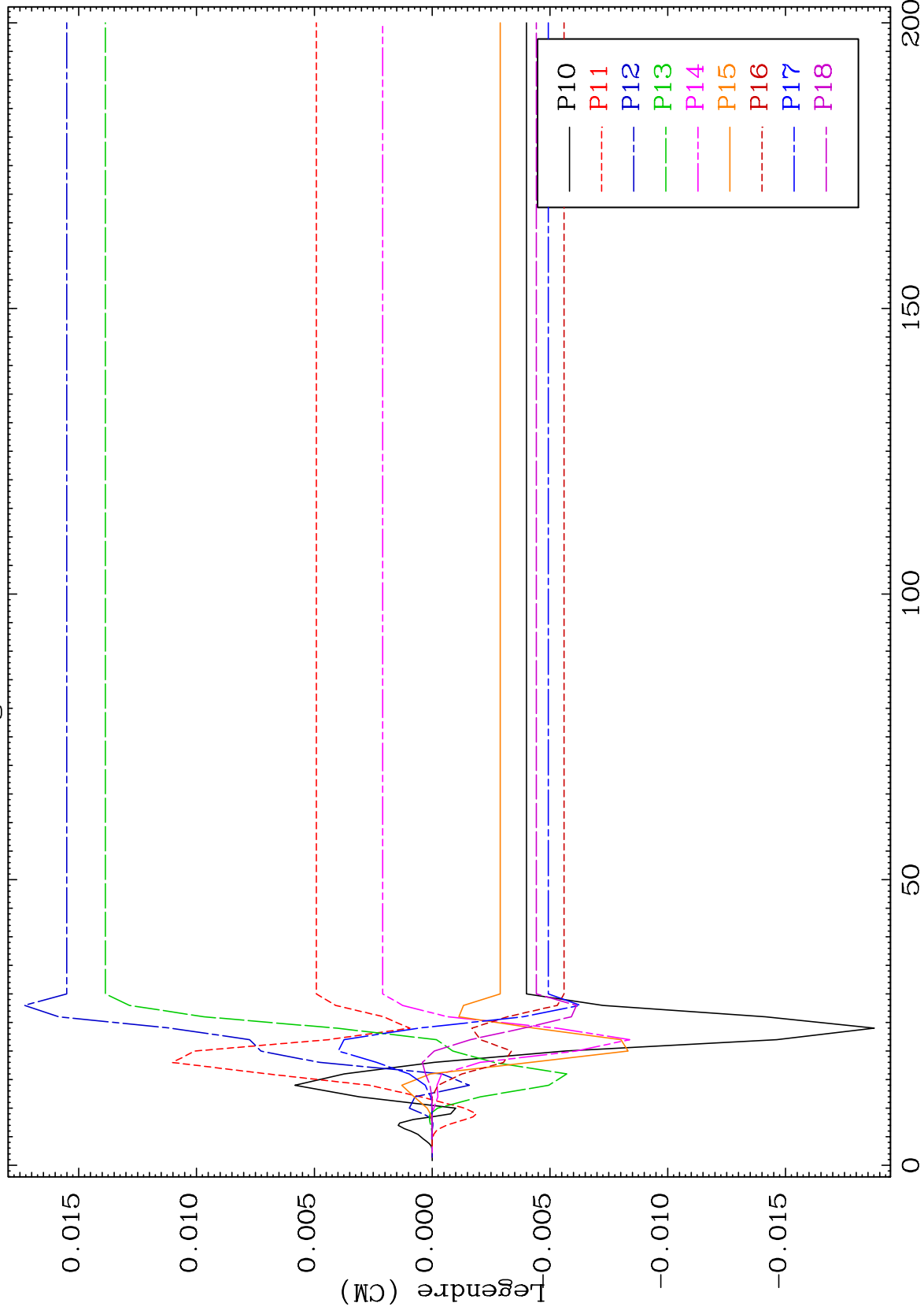




MAT 7255

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

72-Hf-184



25

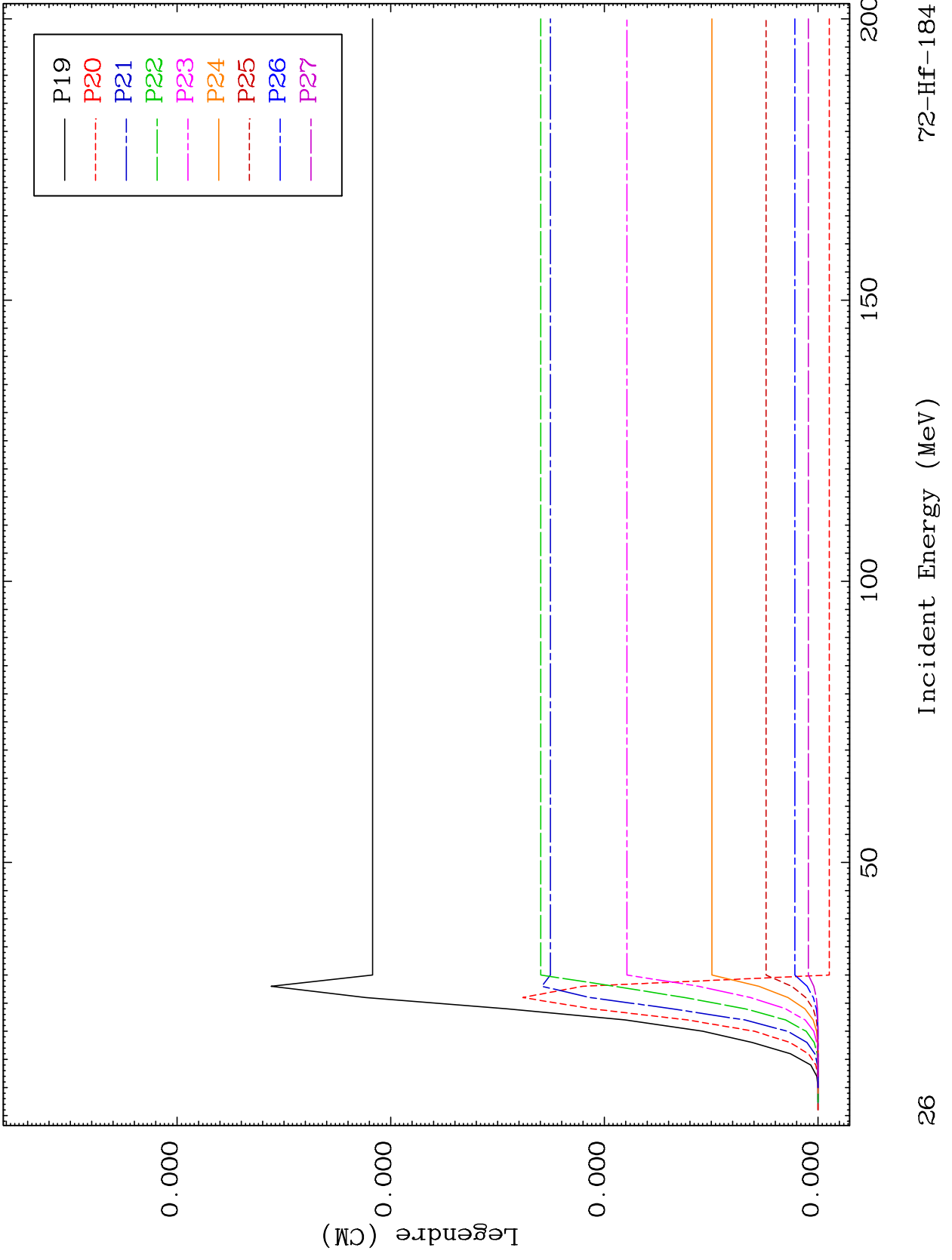
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



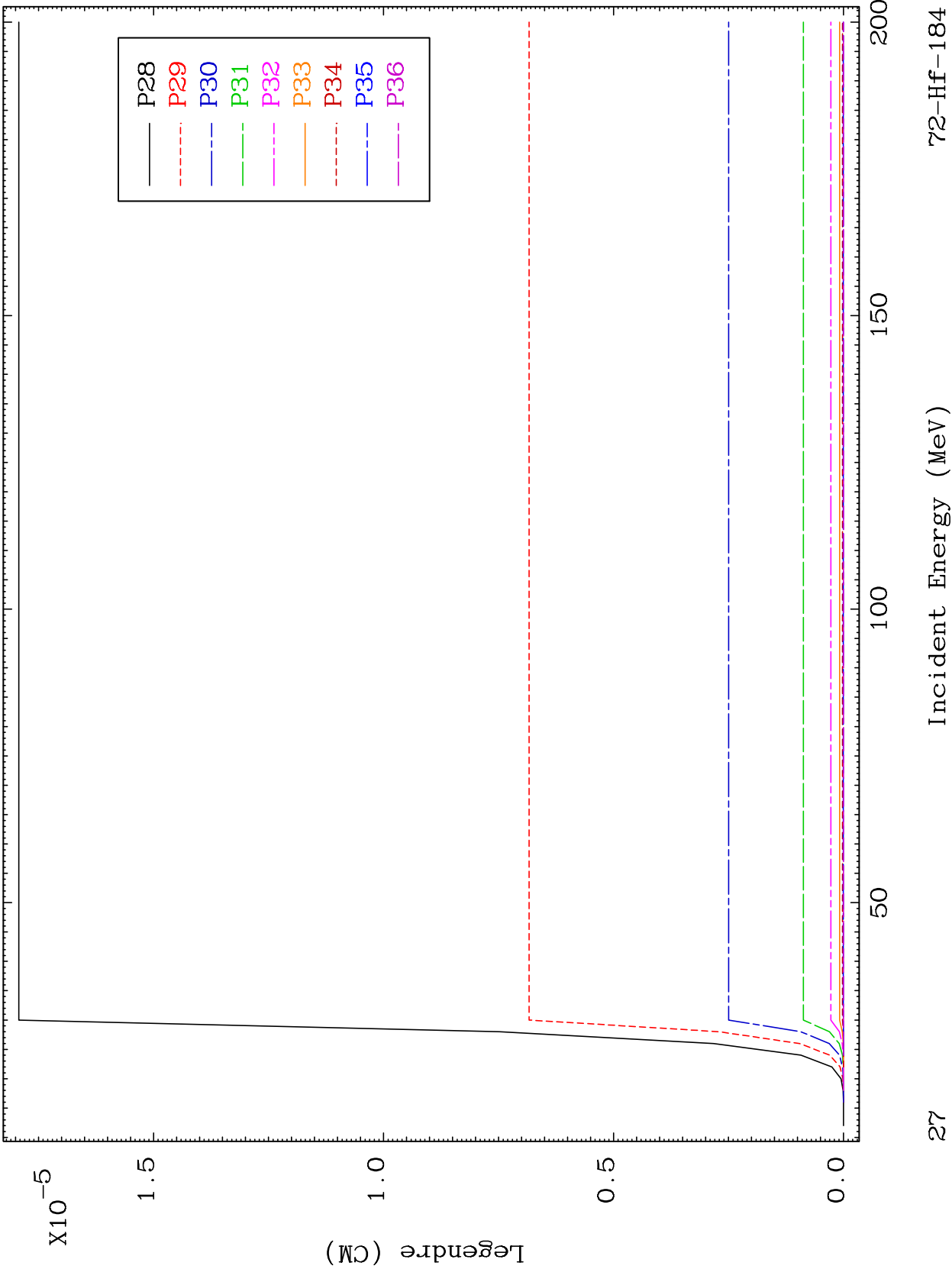
26

72-Hf-184

MAT 7255

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

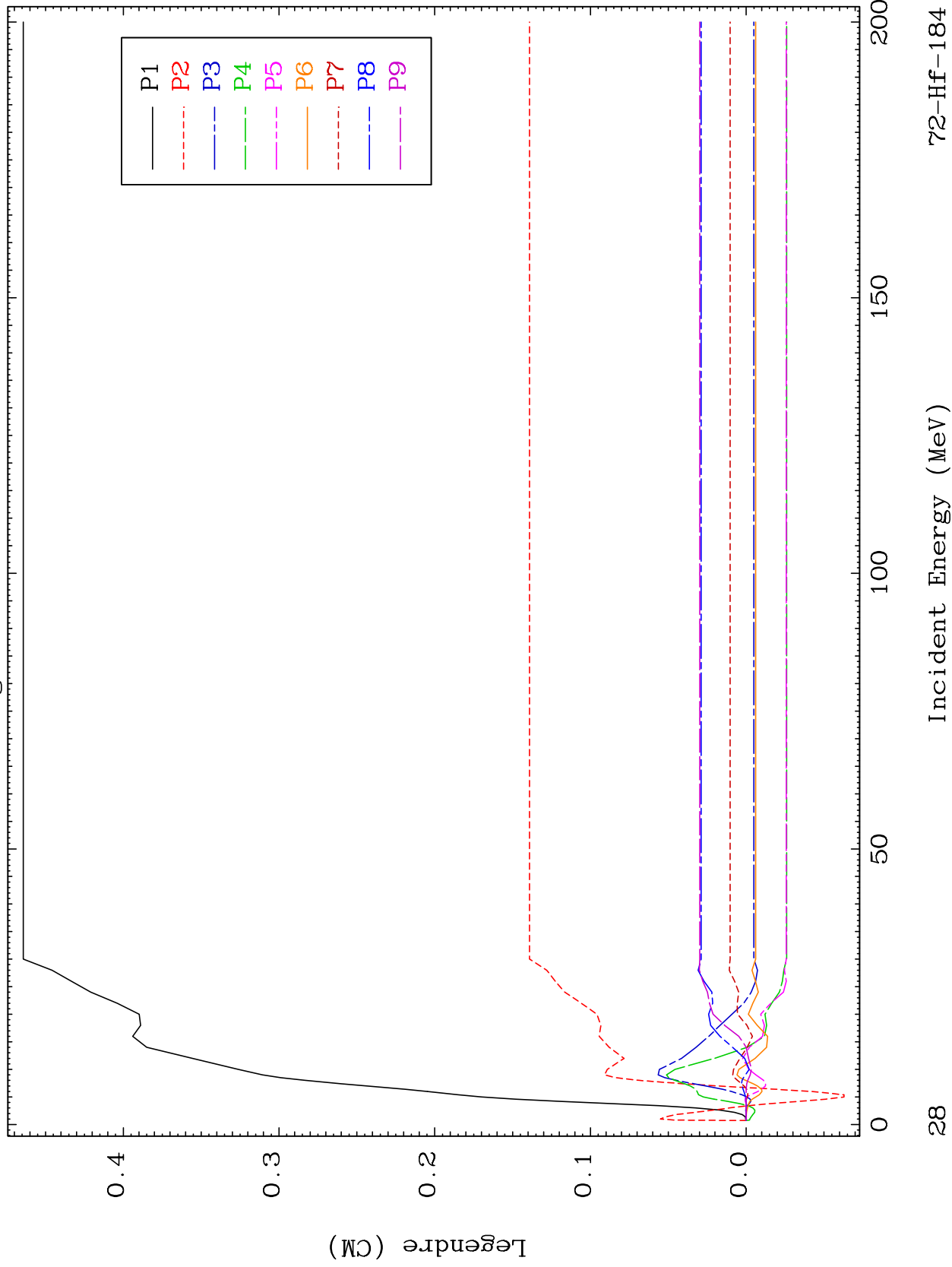
72-Hf-184



MAT 7255

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

72-Hf-184

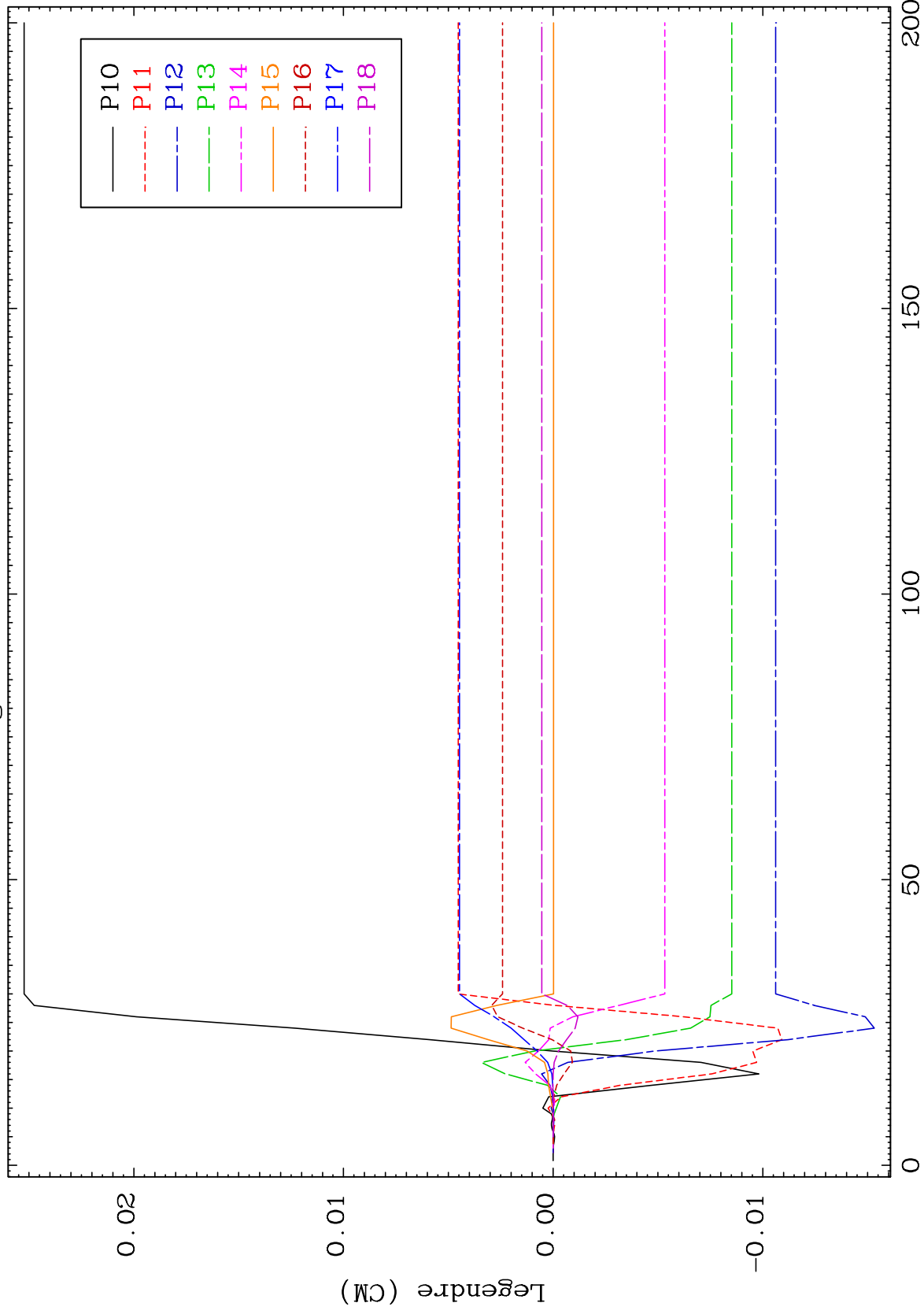


28

MAT 7255

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

72-Hf-184



29

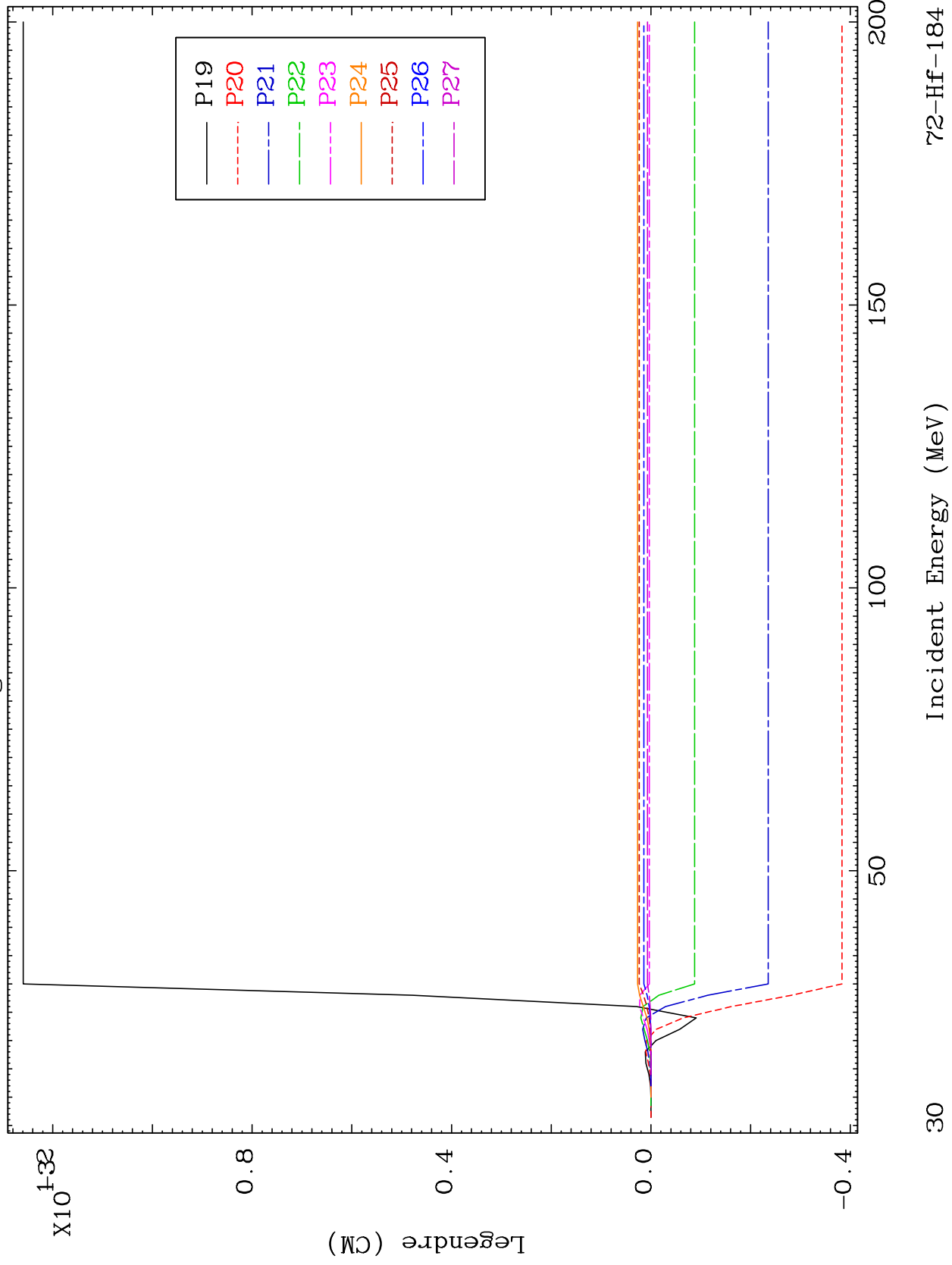
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



30

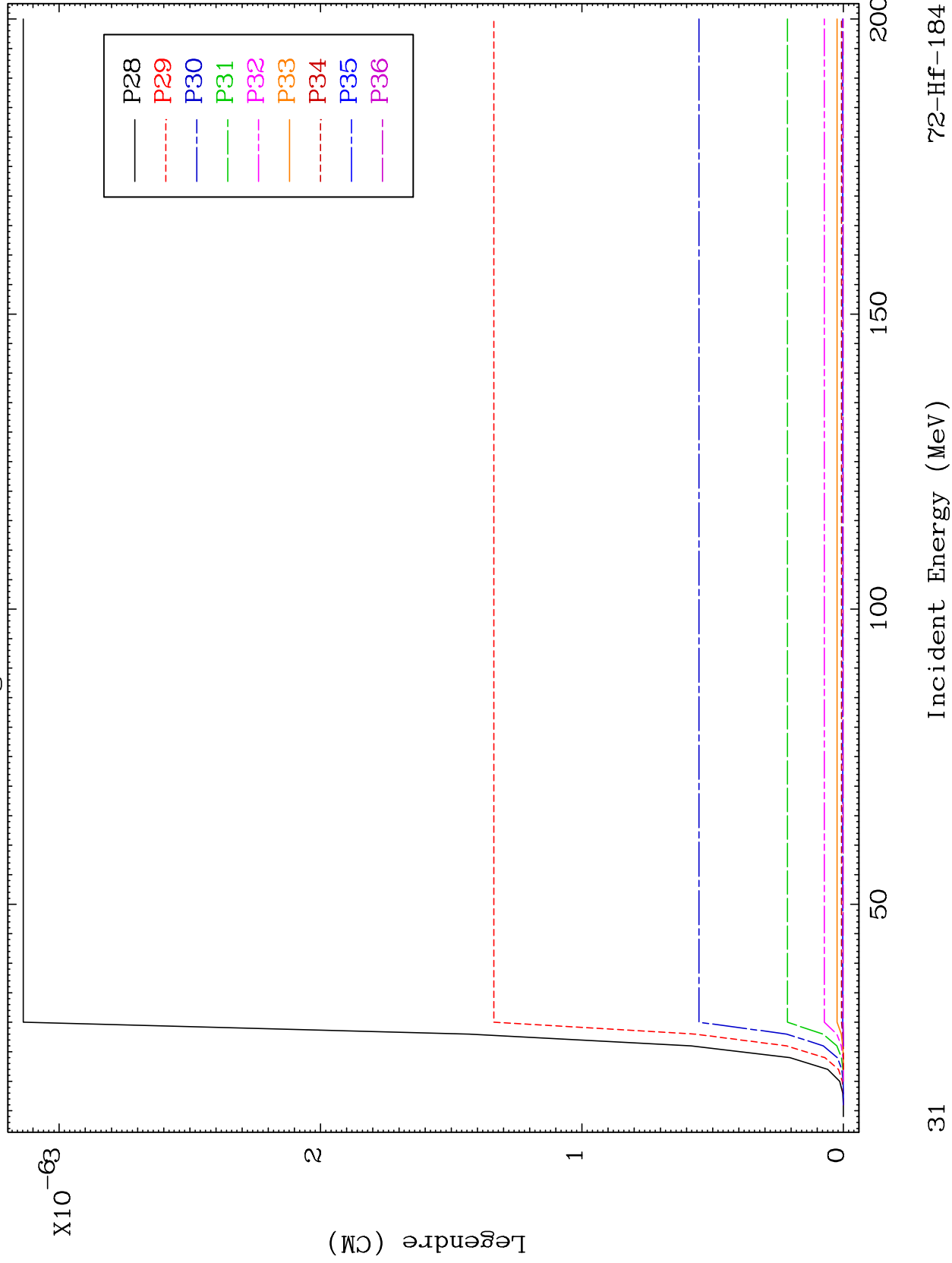
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184

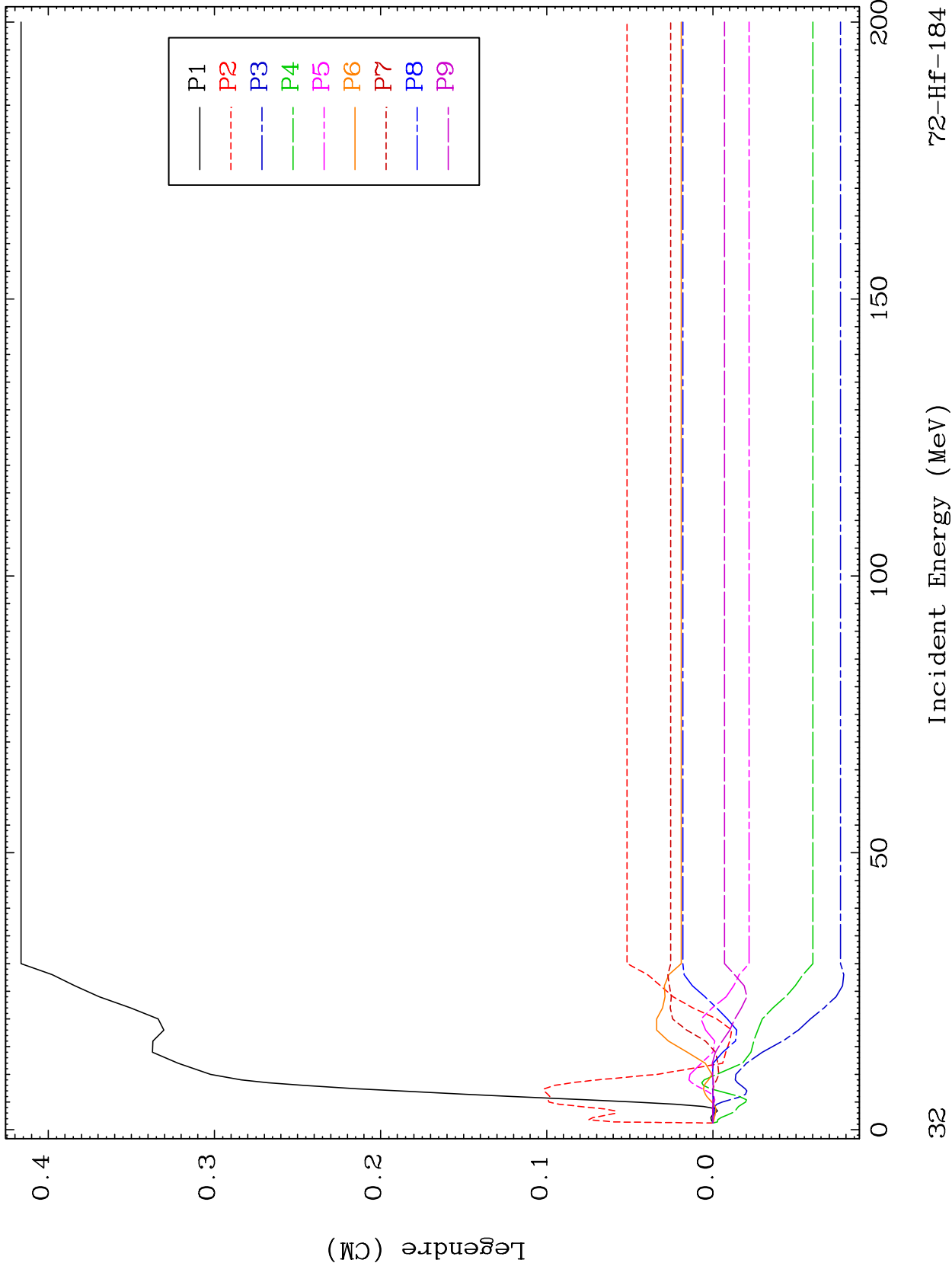




MAT 7255

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

72-Hf-184

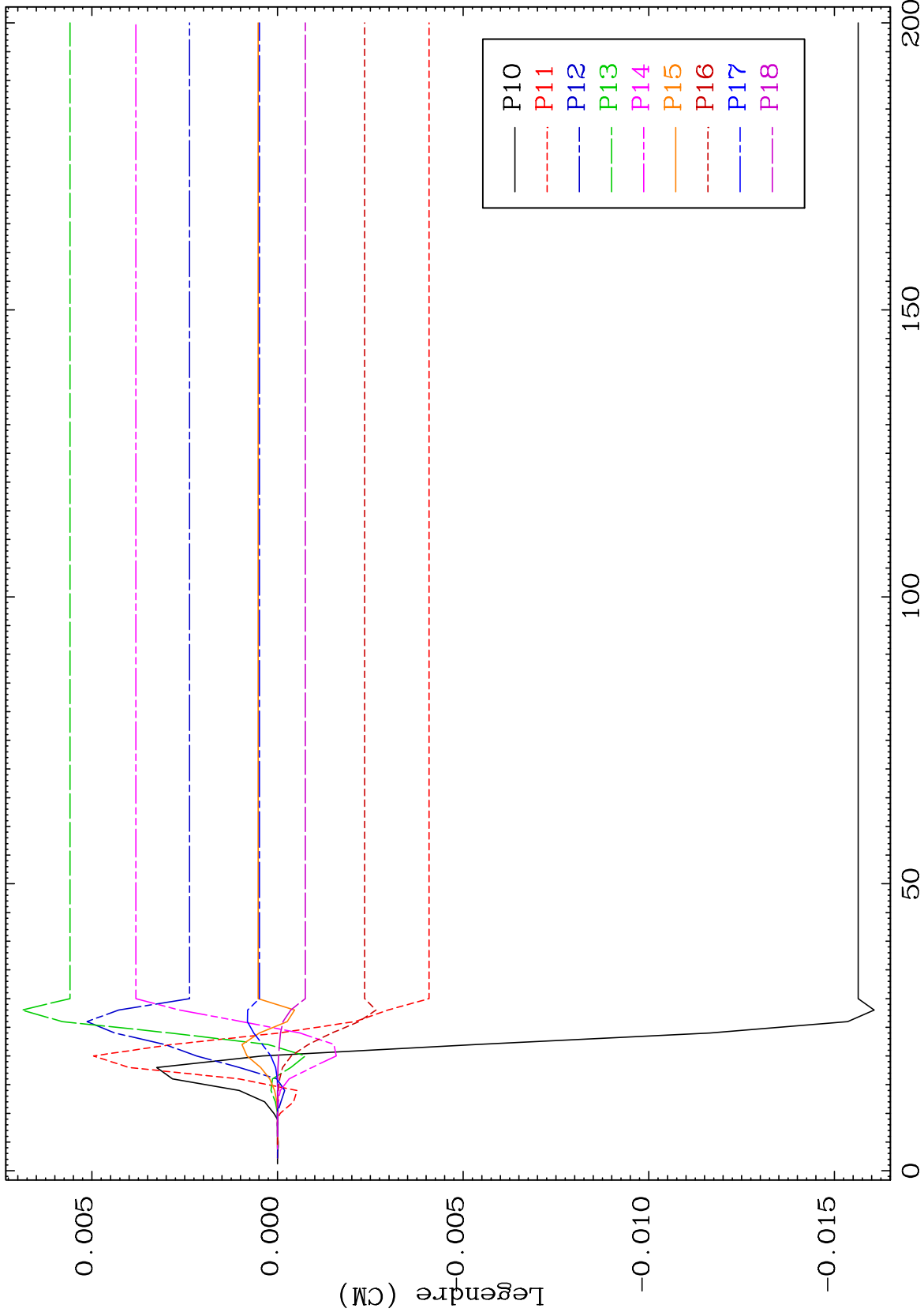


32

MAT 7255

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

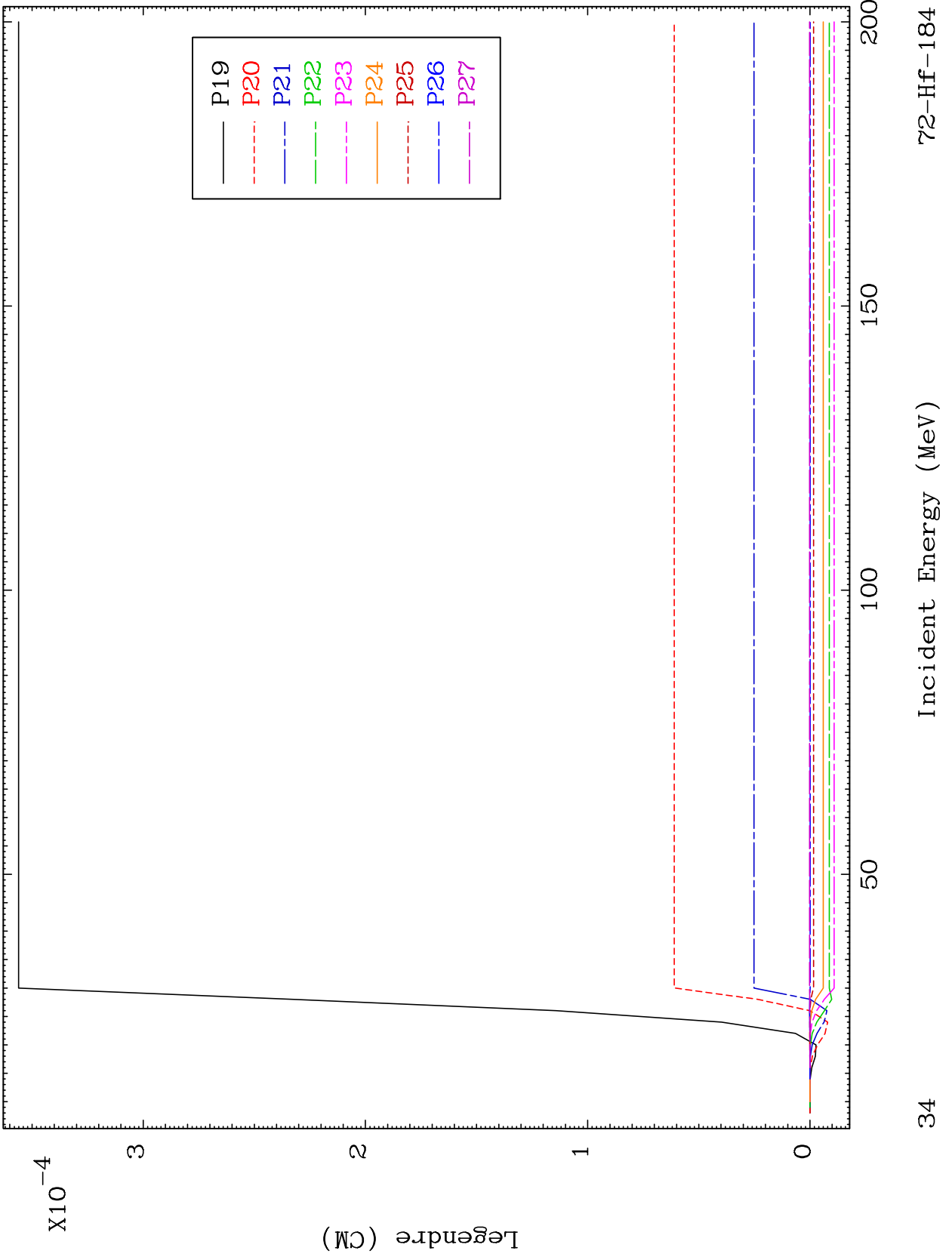
72-Hf-184



MAT 7255

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

72-Hf-184

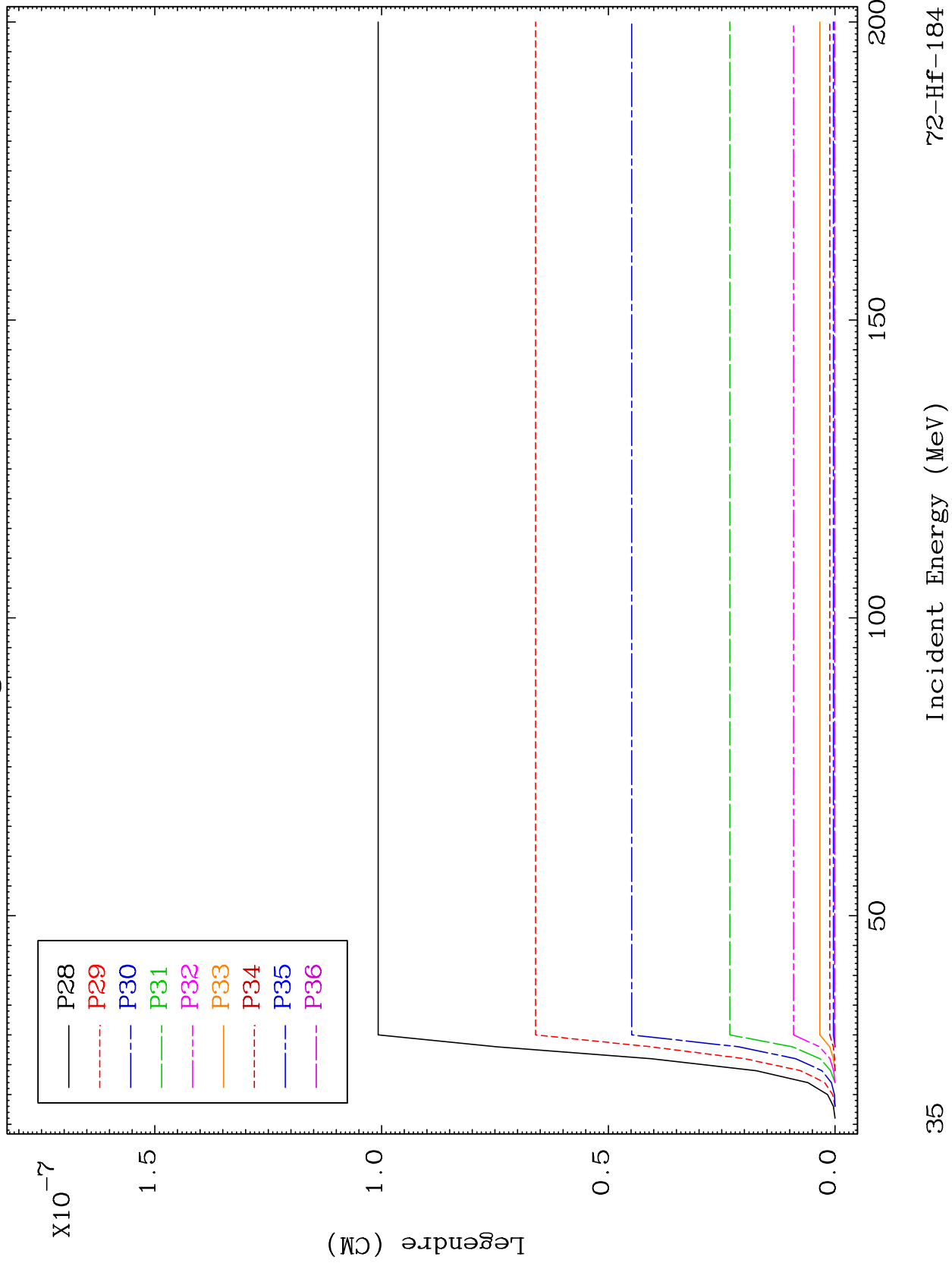


34

MAT 7255

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

72-Hf-184



72-Hf-184

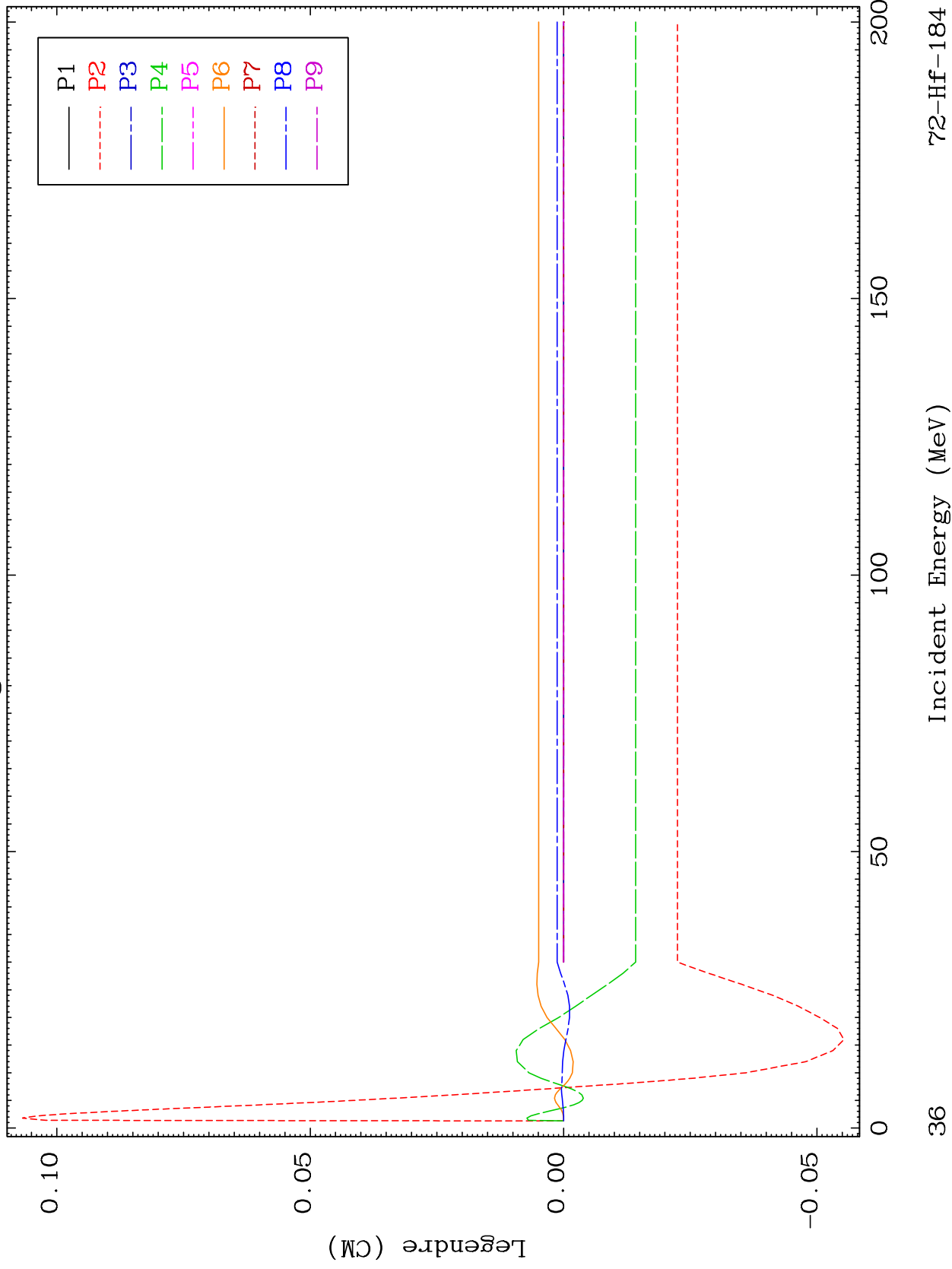
Incident Energy (MeV)

35

MAT 7255

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

72-Hf-184



72-Hf-184

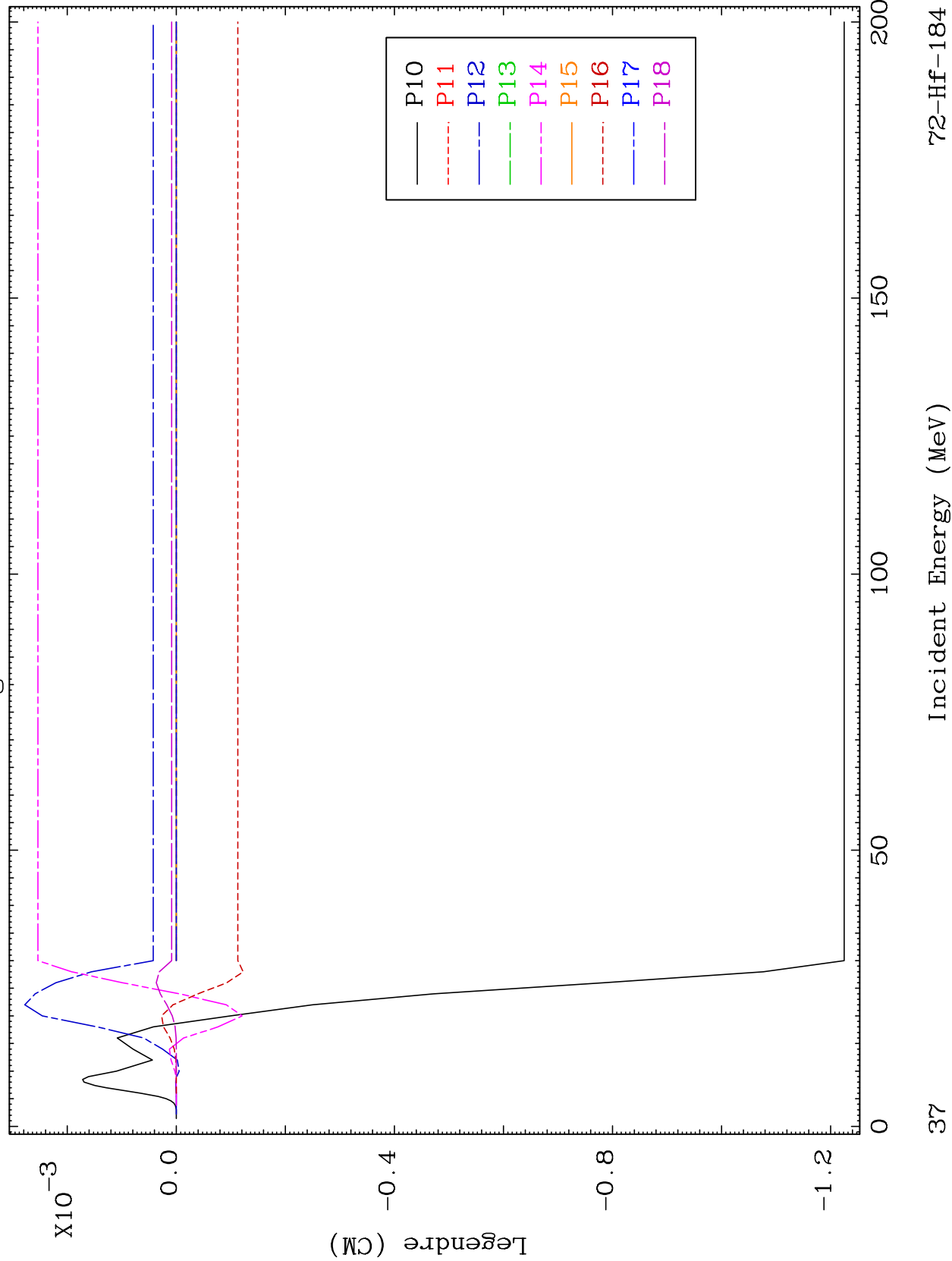
Incident Energy (MeV)

36

MAT 7255

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

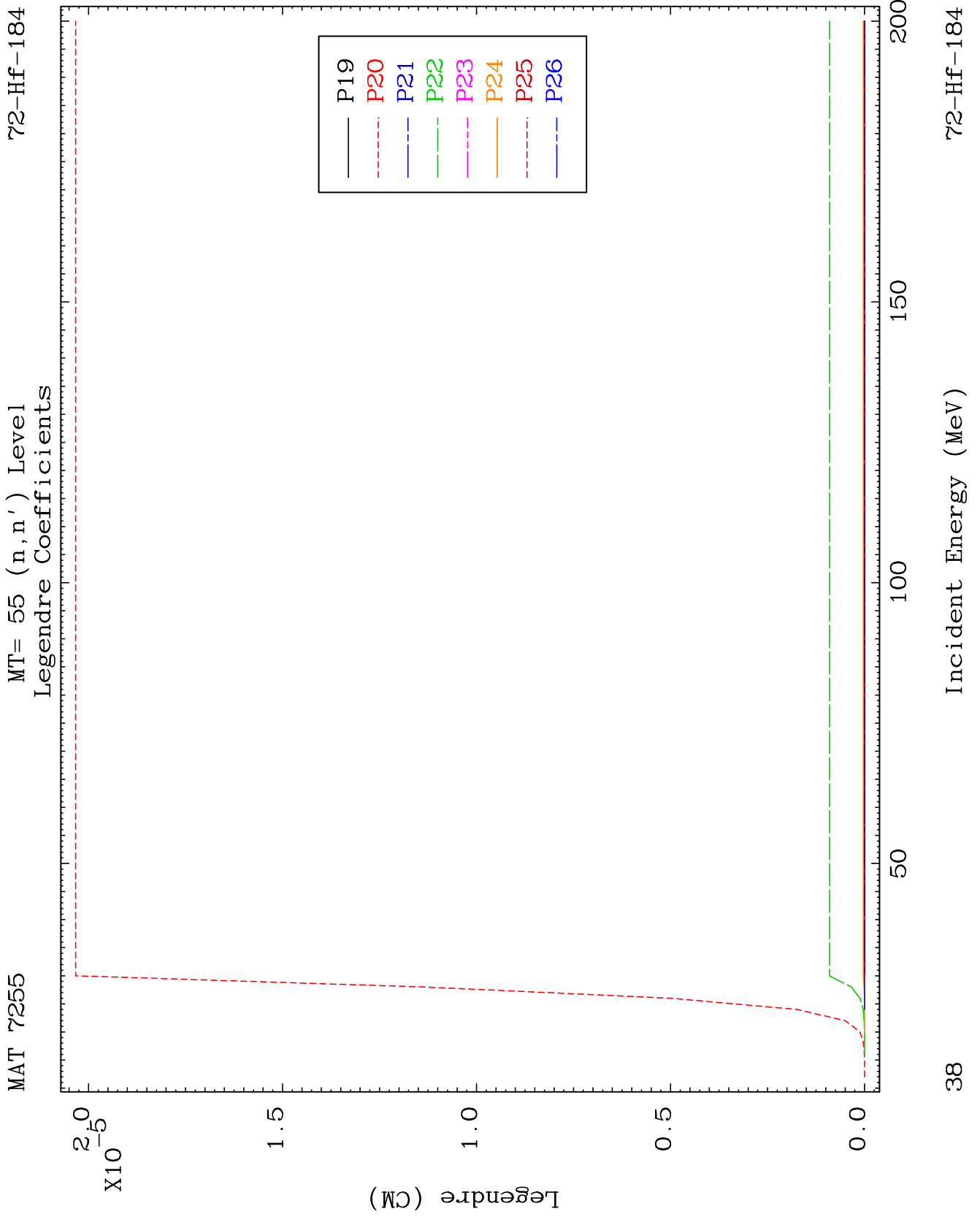
72-Hf-184



37

Incident Energy (MeV)

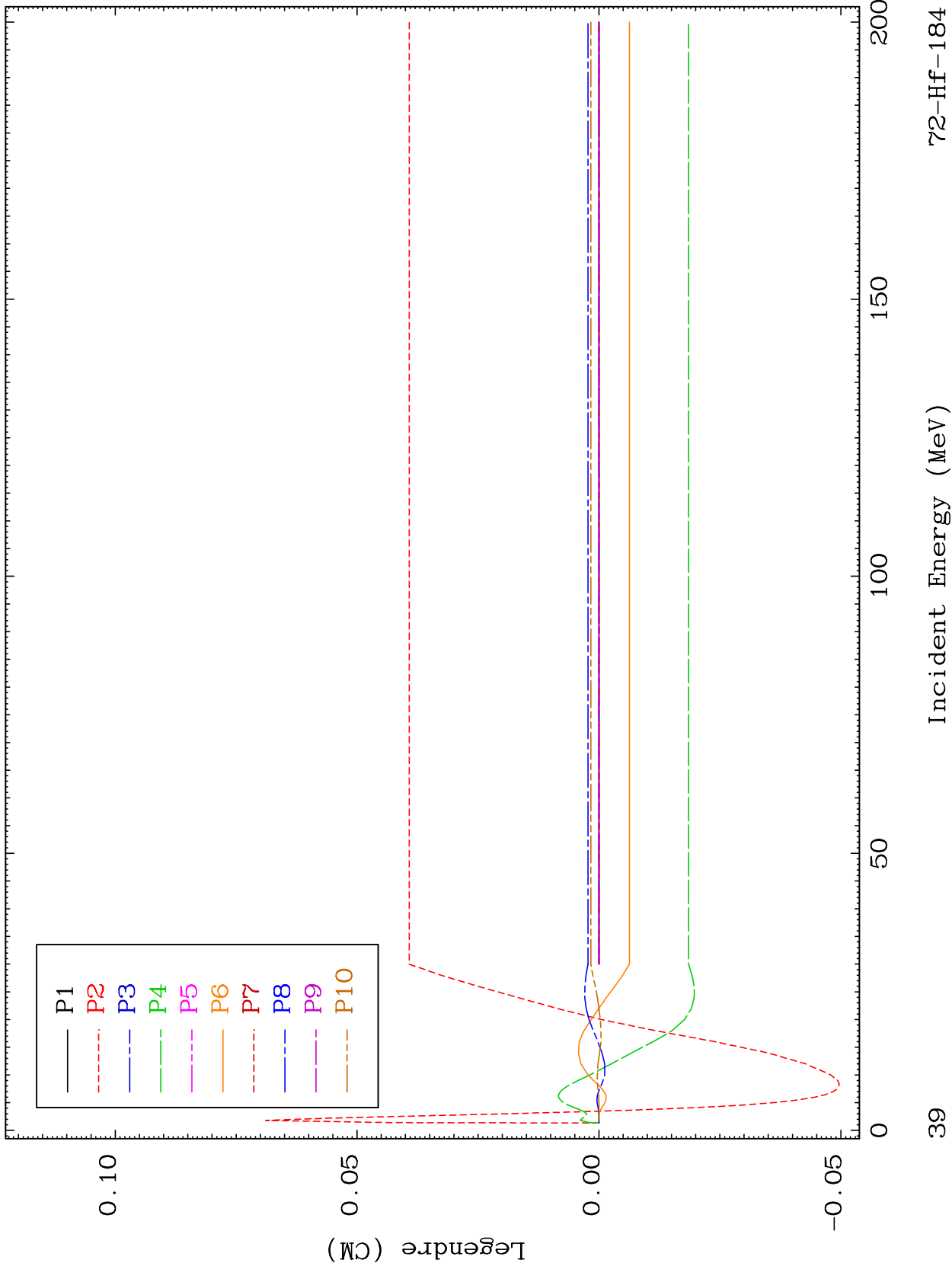
72-Hf-184



MAT 7255

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

72-Hf-184



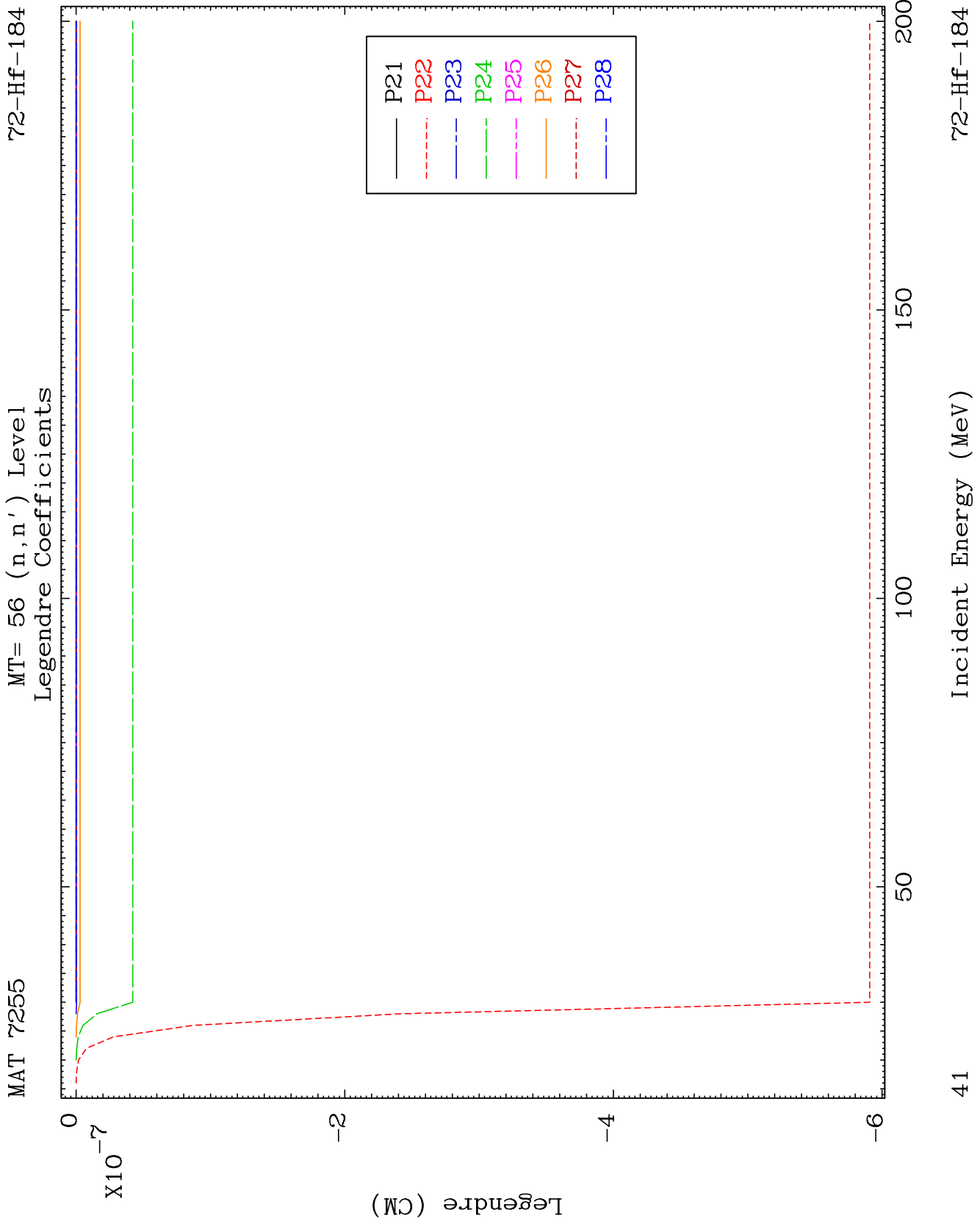
39

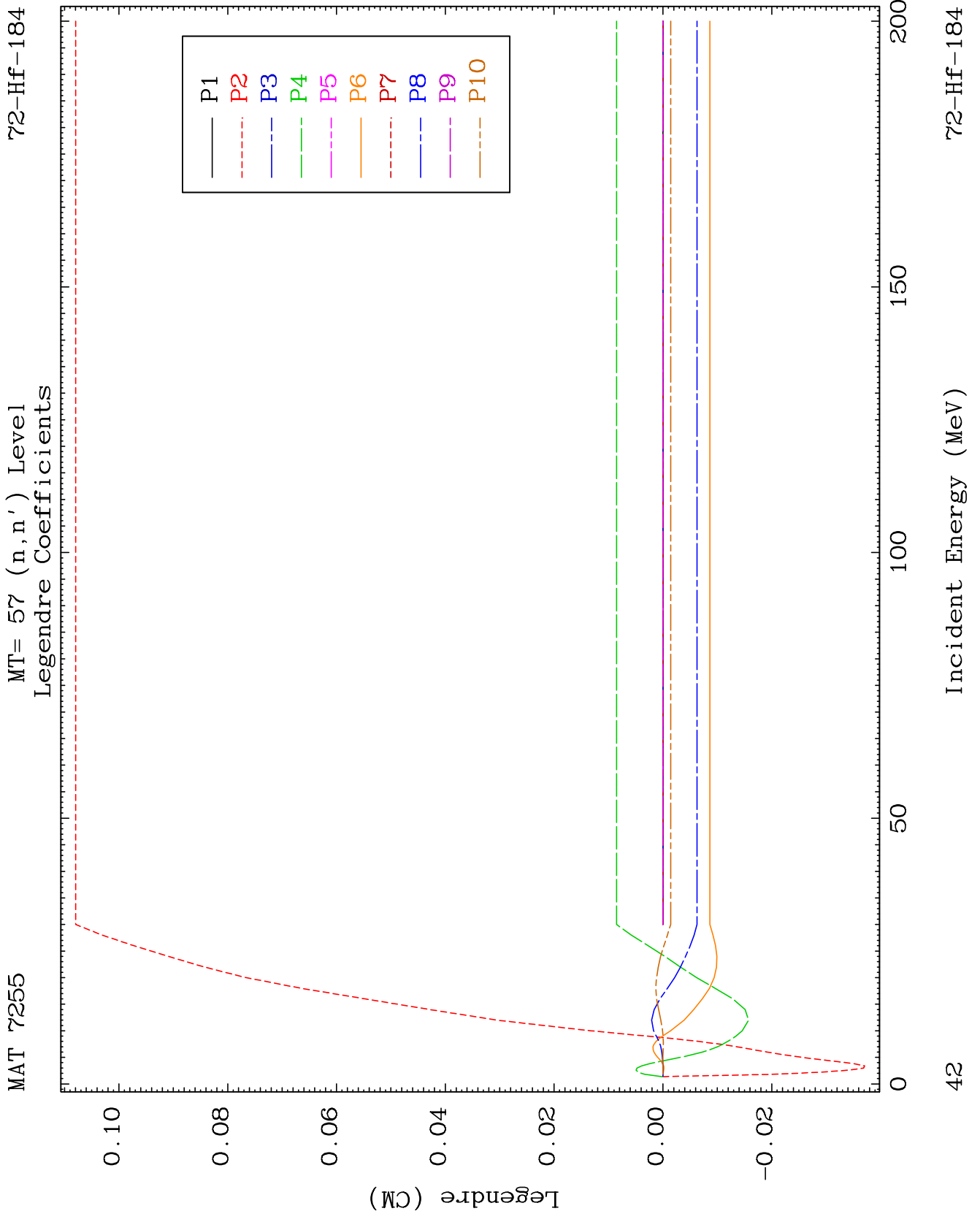
Incident Energy (MeV)

72-Hf-184









72-Hf-184

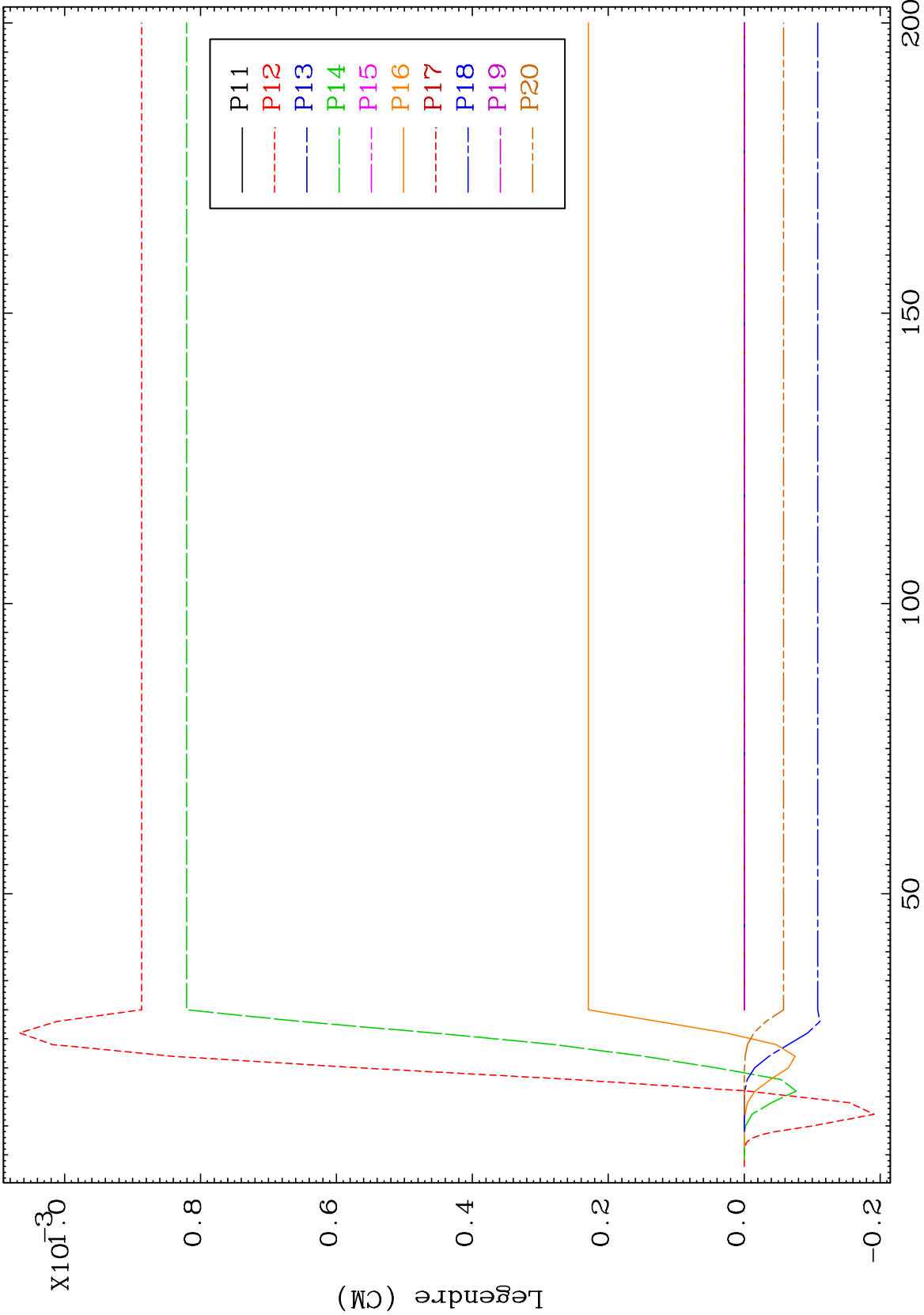
Incident Energy (MeV)

42

MAT 7255

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

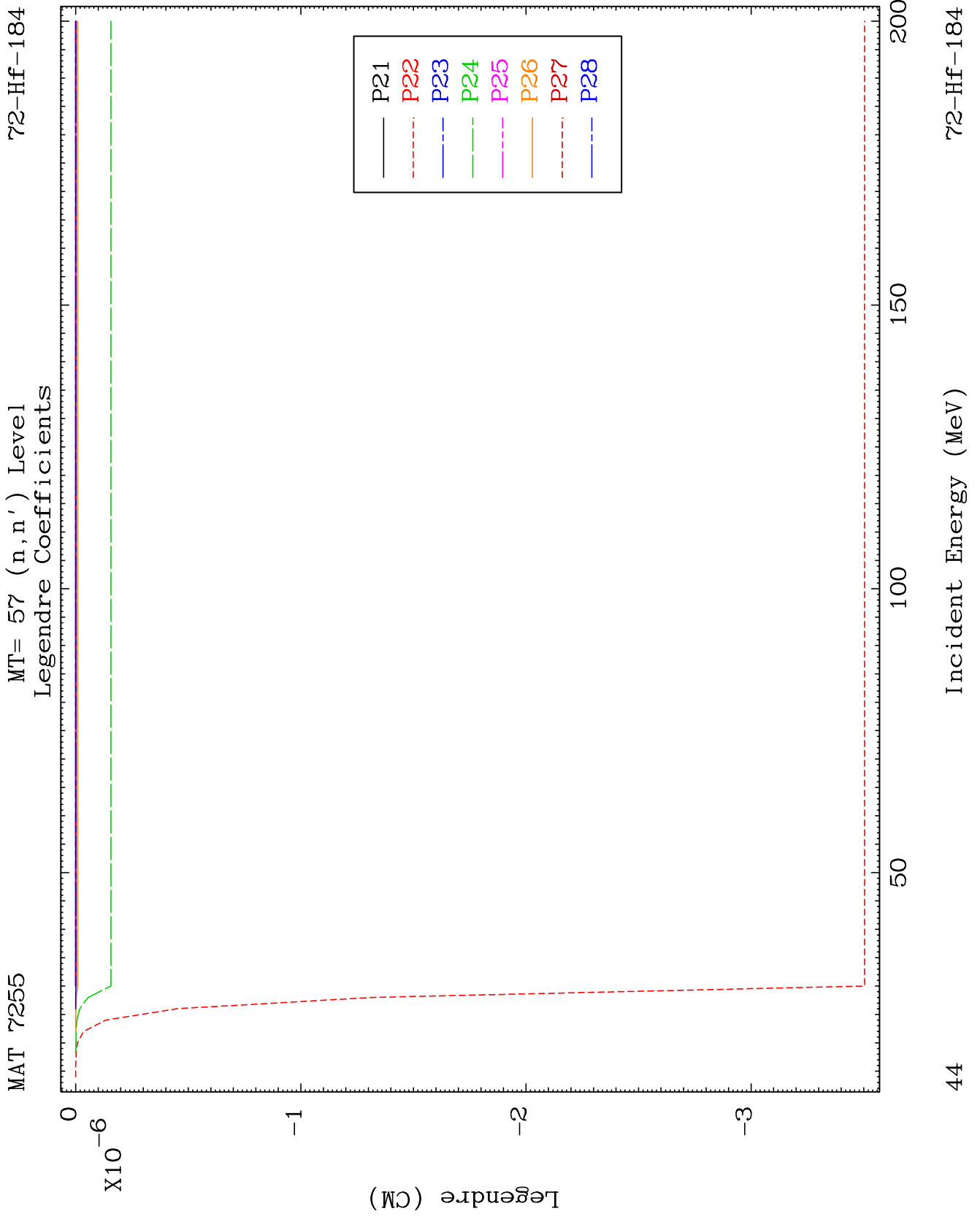
72-Hf-184



43

Incident Energy (MeV)

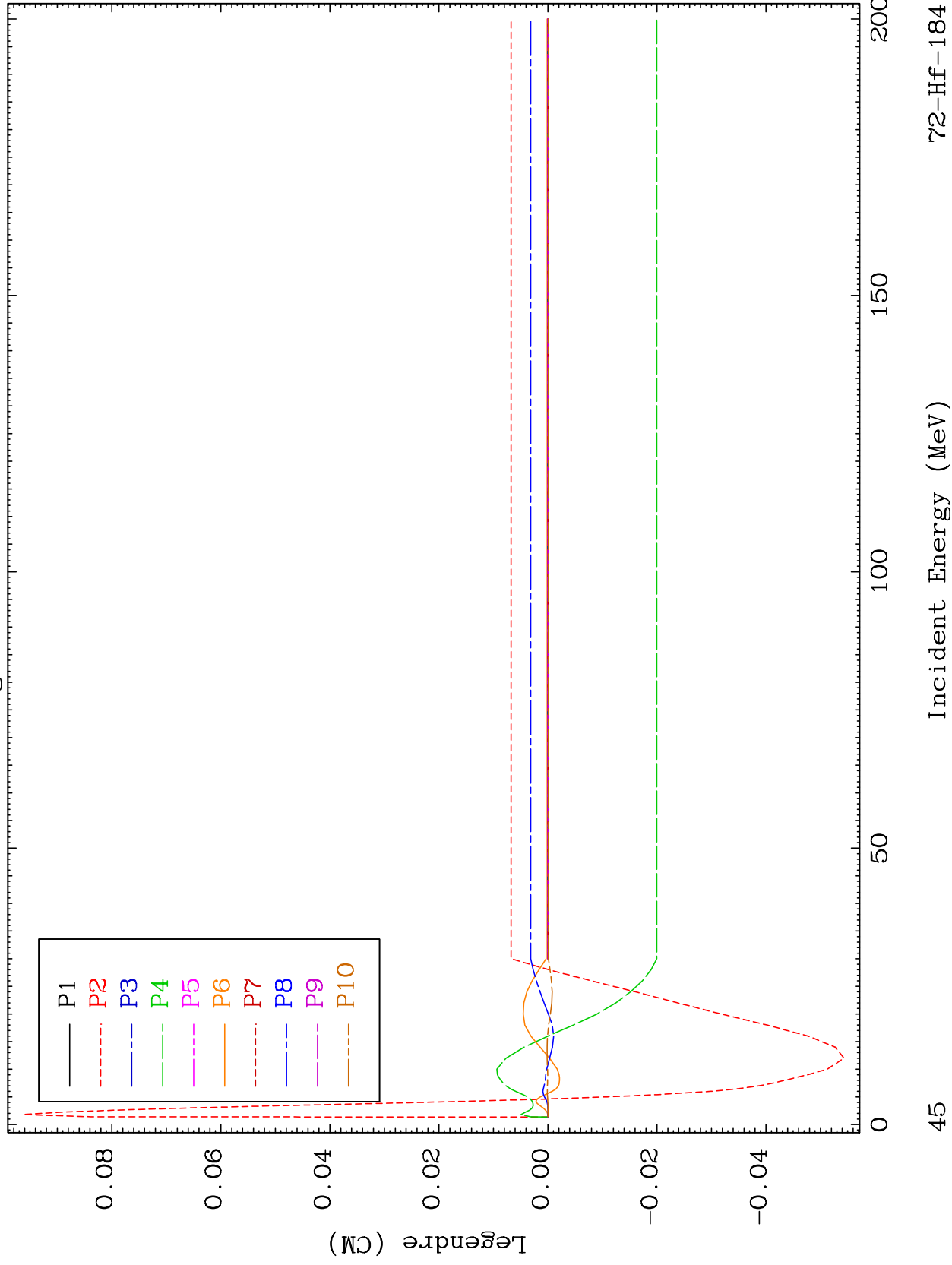
72-Hf-184



MAT 7255

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

72-Hf-184



72-Hf-184

Incident Energy (MeV)

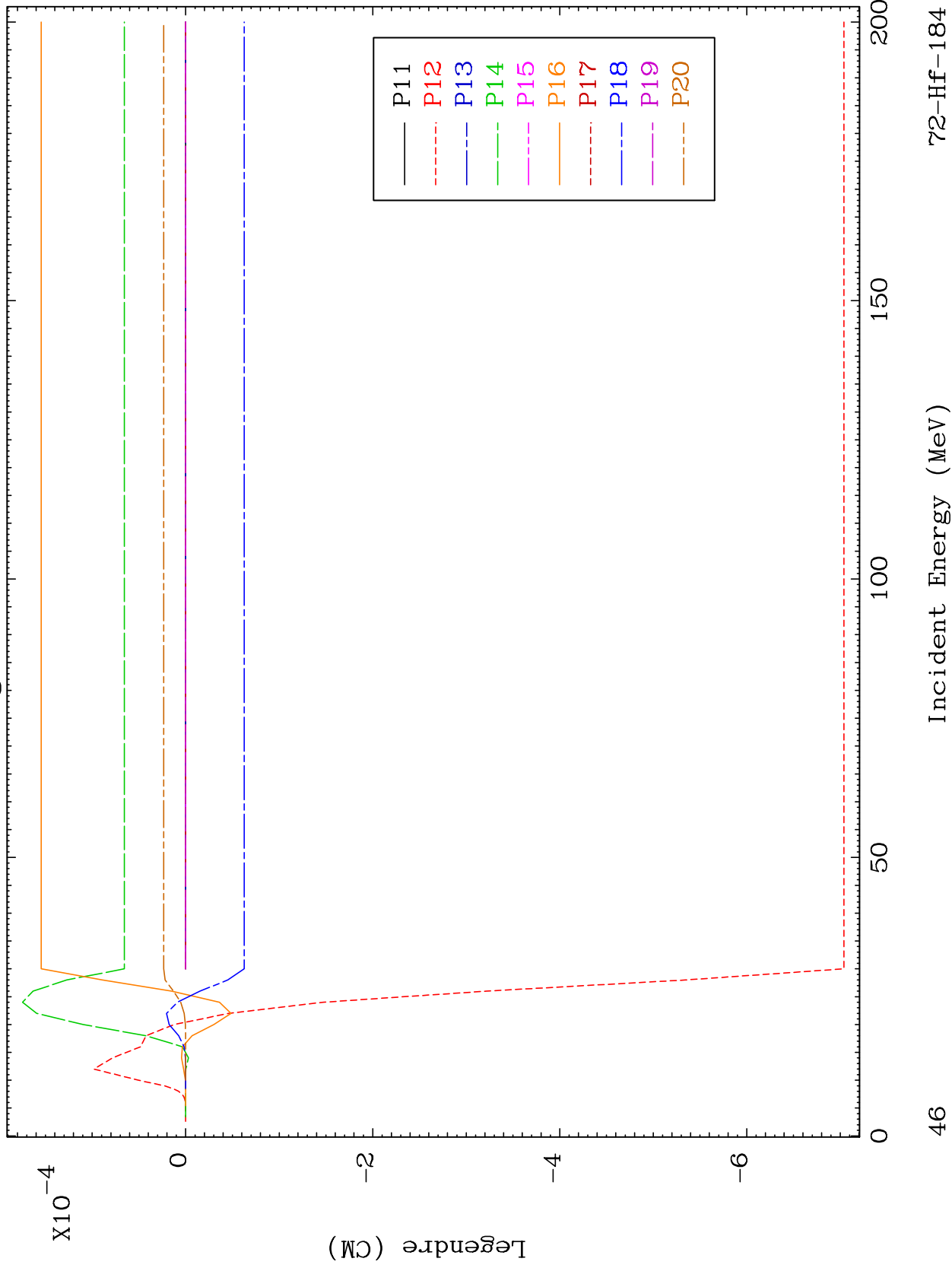
45

MAT 7255

MT= 58 (n,n') Level

72-Hf-184

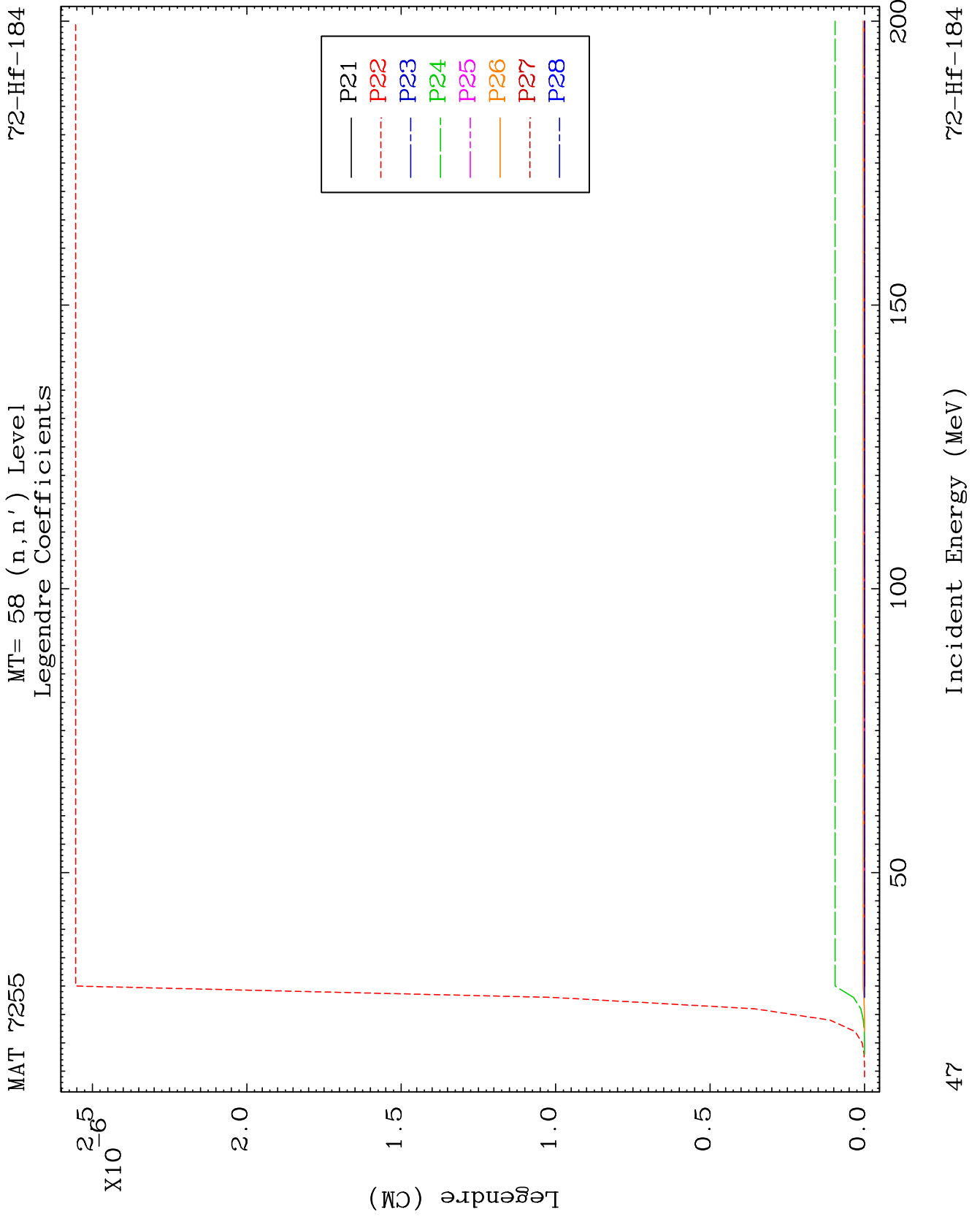
Legendre Coefficients



46

Incident Energy (MeV)

72-Hf-184

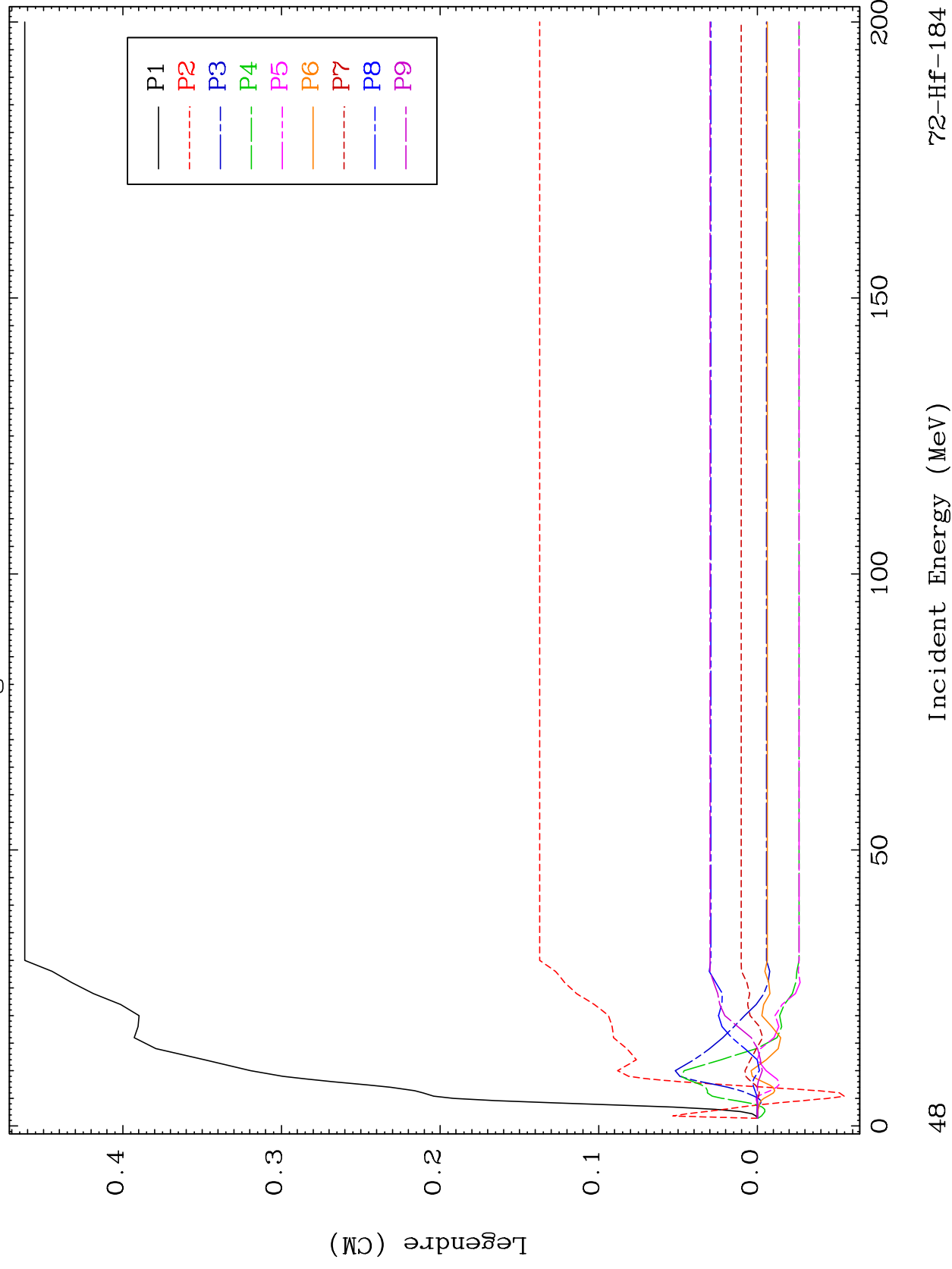




MAT 7255

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

72-Hf-184



72-Hf-184

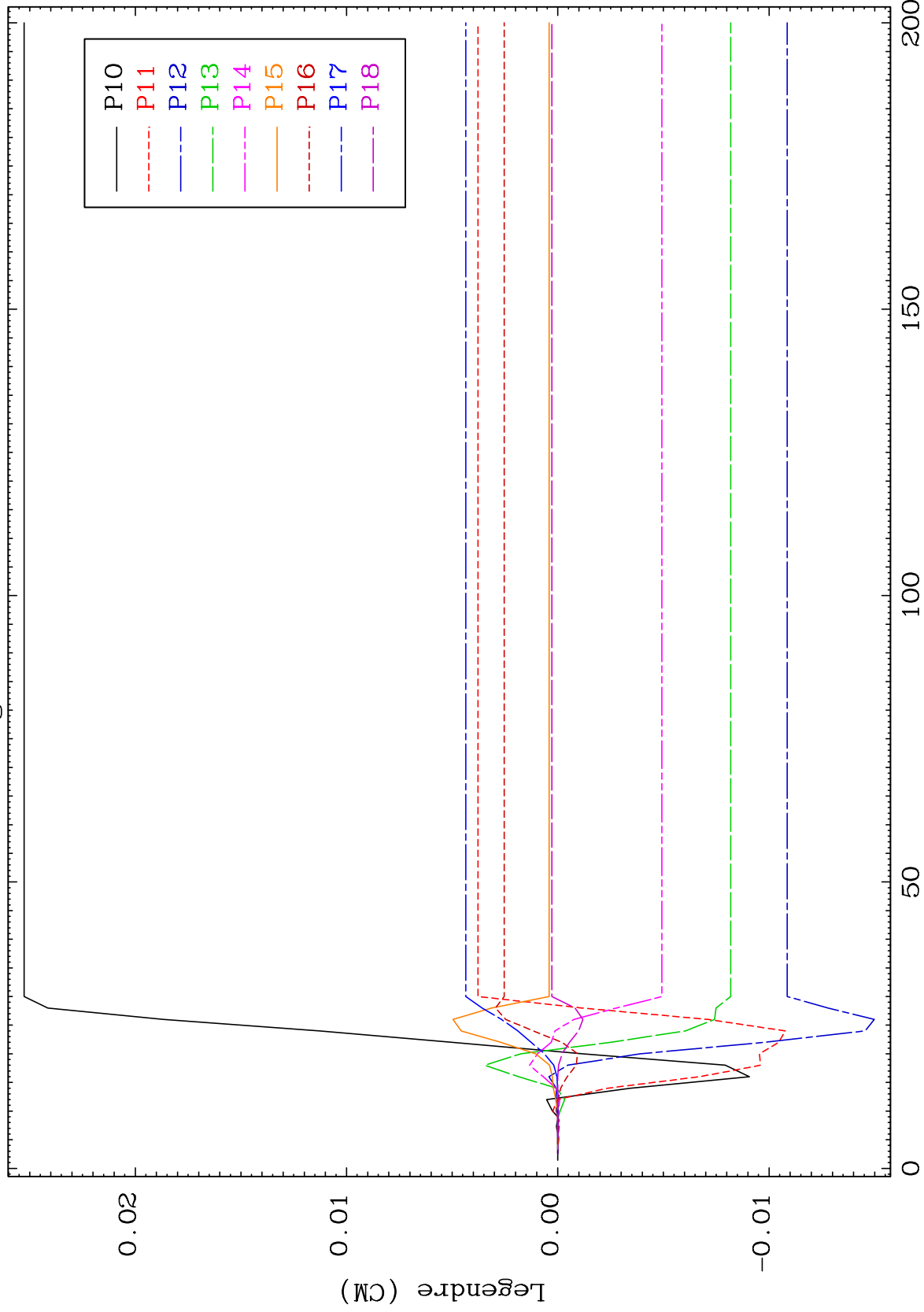
Incident Energy (MeV)

48

MAT 7255

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

72-Hf-184



49

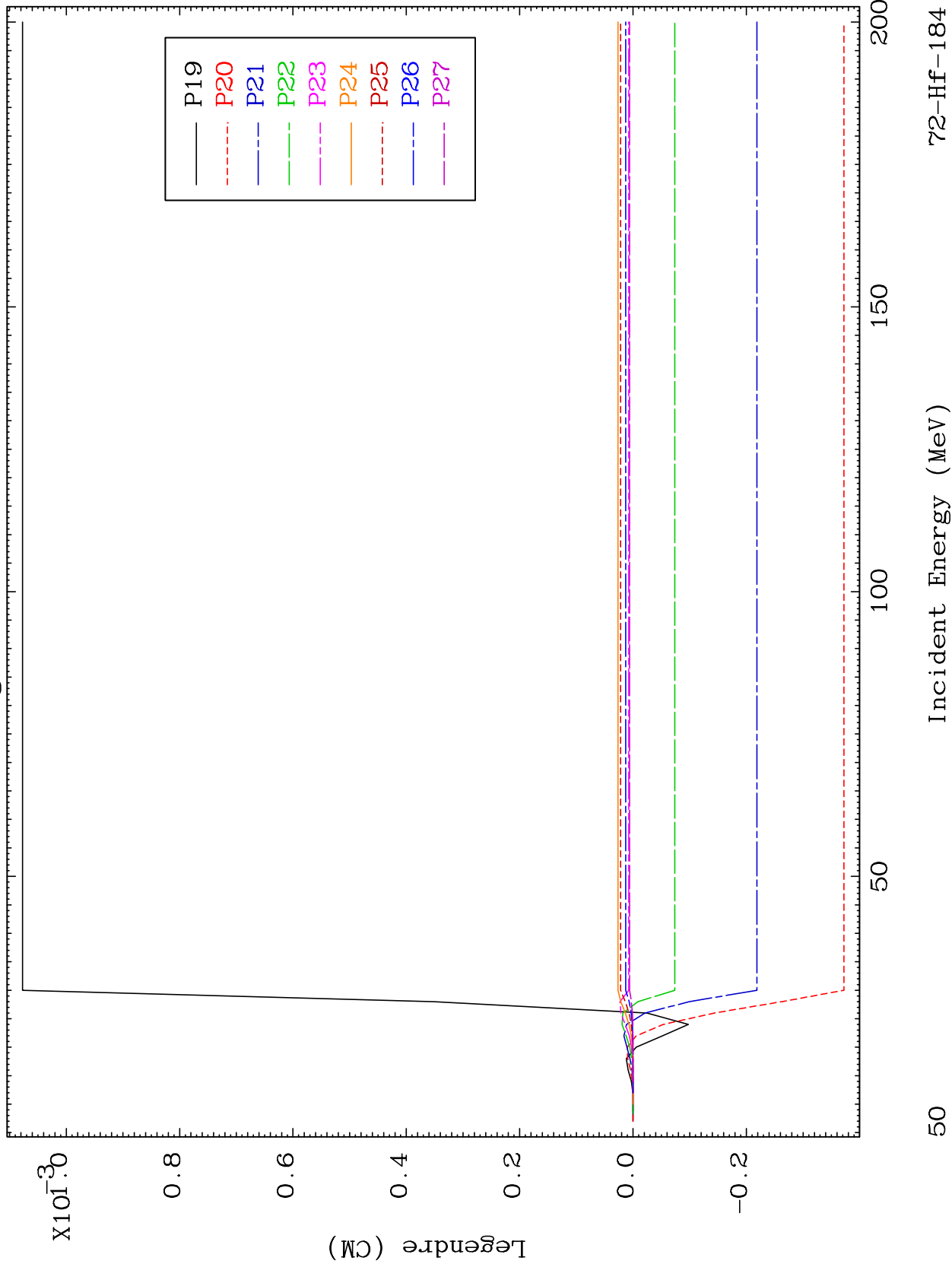
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



72-Hf-184

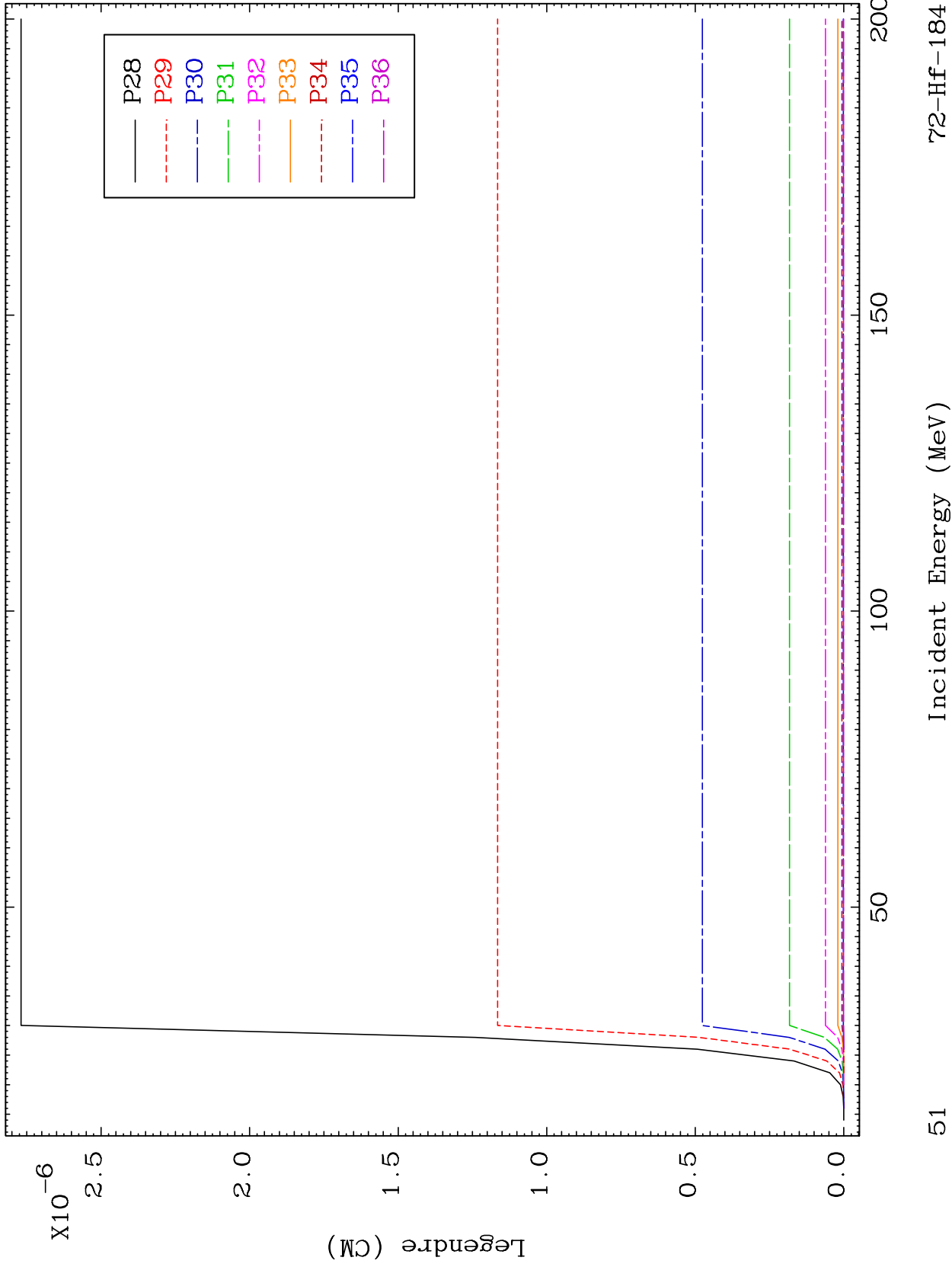
Incident Energy (MeV)

50

MAT 7255

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

72-Hf-184



51

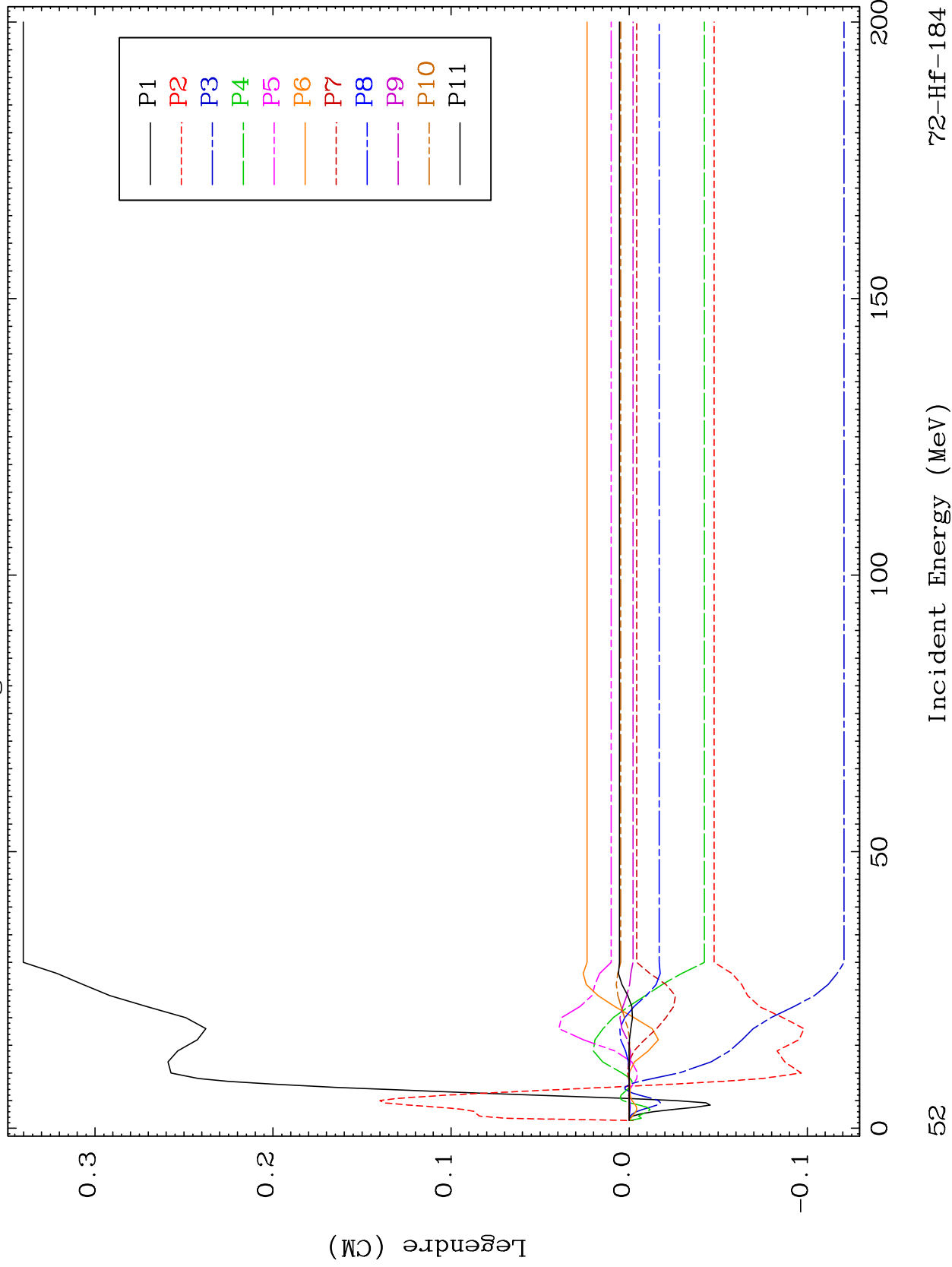
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

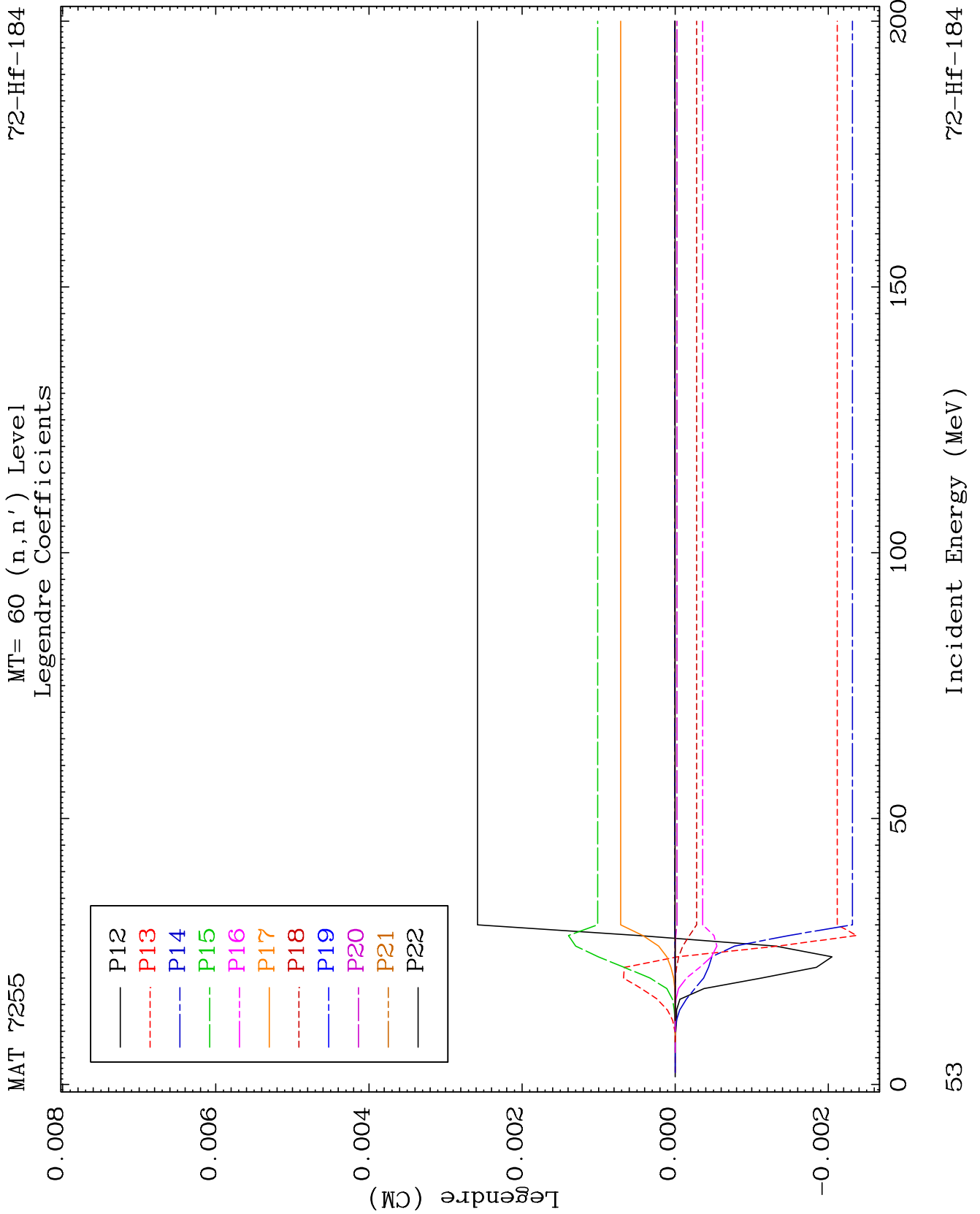
72-Hf-184



72-Hf-184

Incident Energy (MeV)

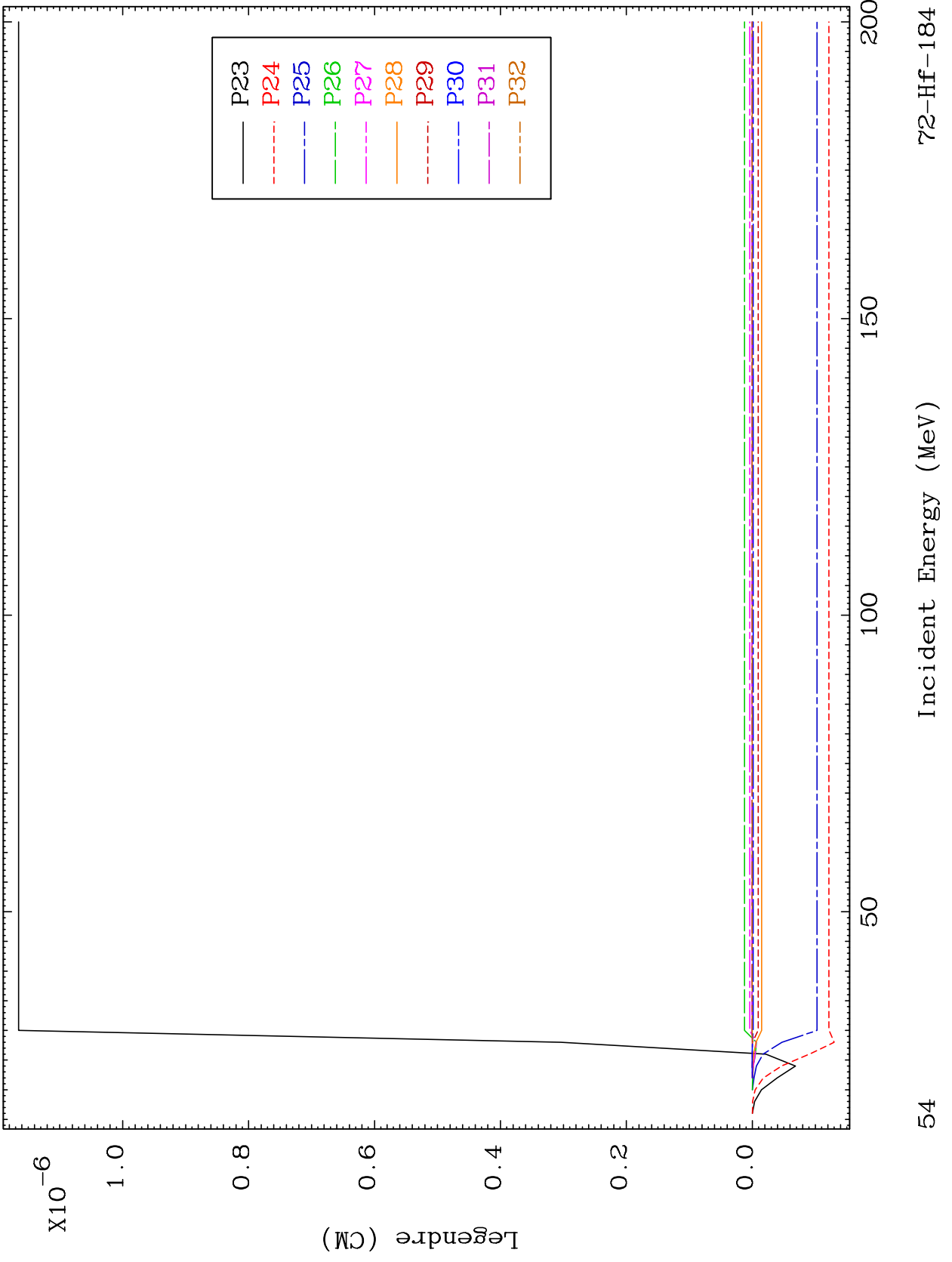
52



MAT 7255

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

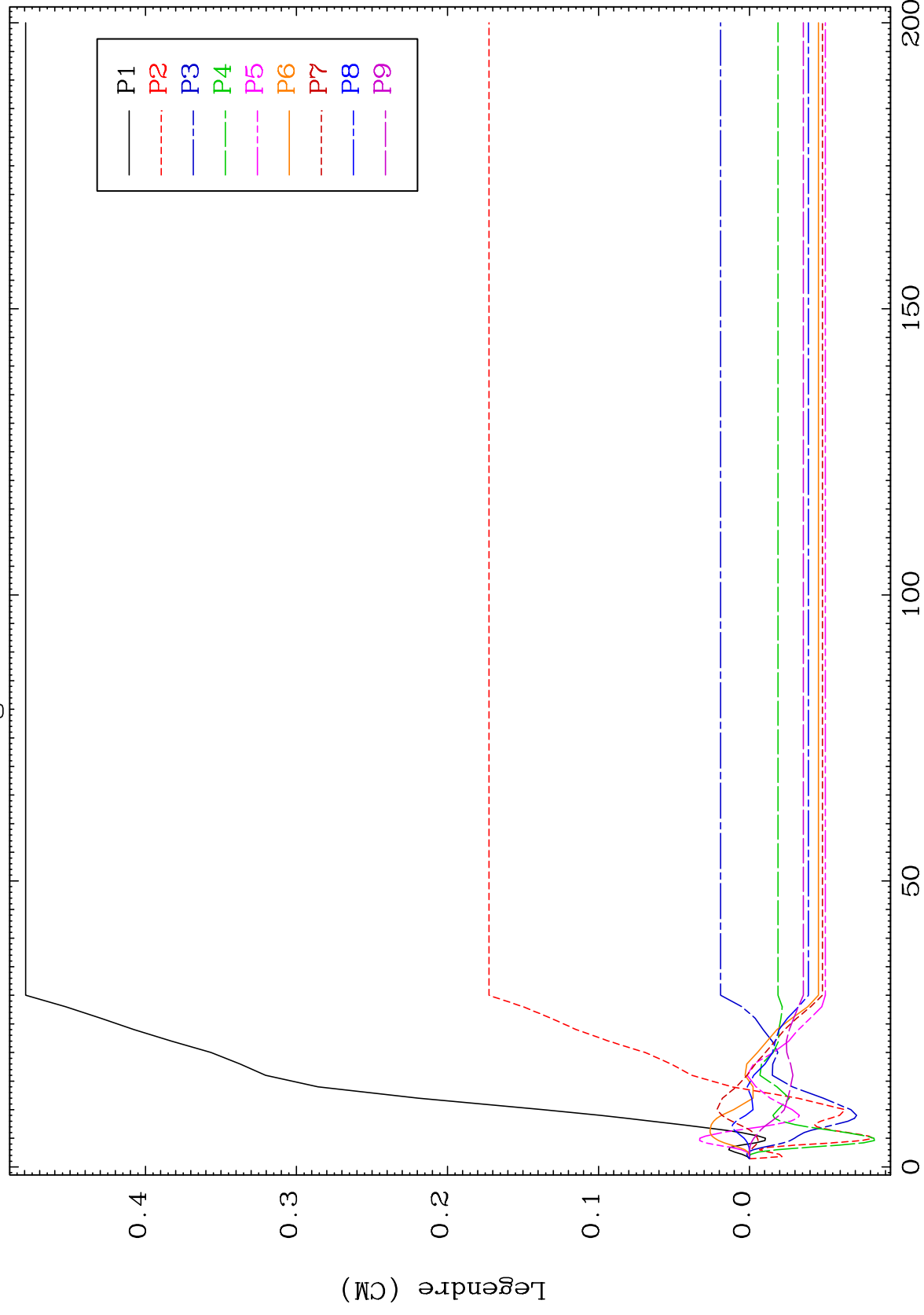
72-Hf-184



MAT 7255

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

72-Hf-184



72-Hf-184

Incident Energy (MeV)

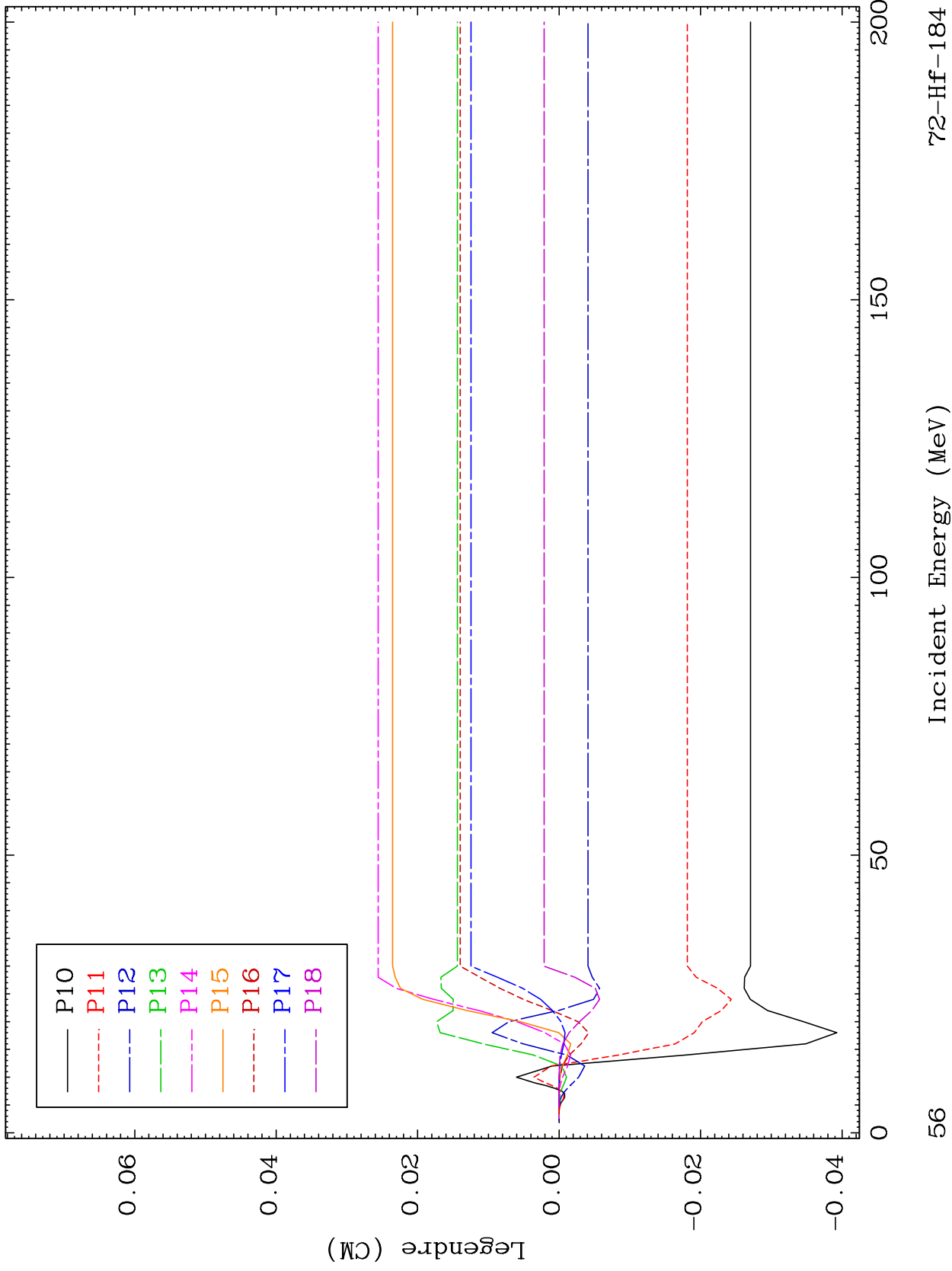
55



MAT 72555

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

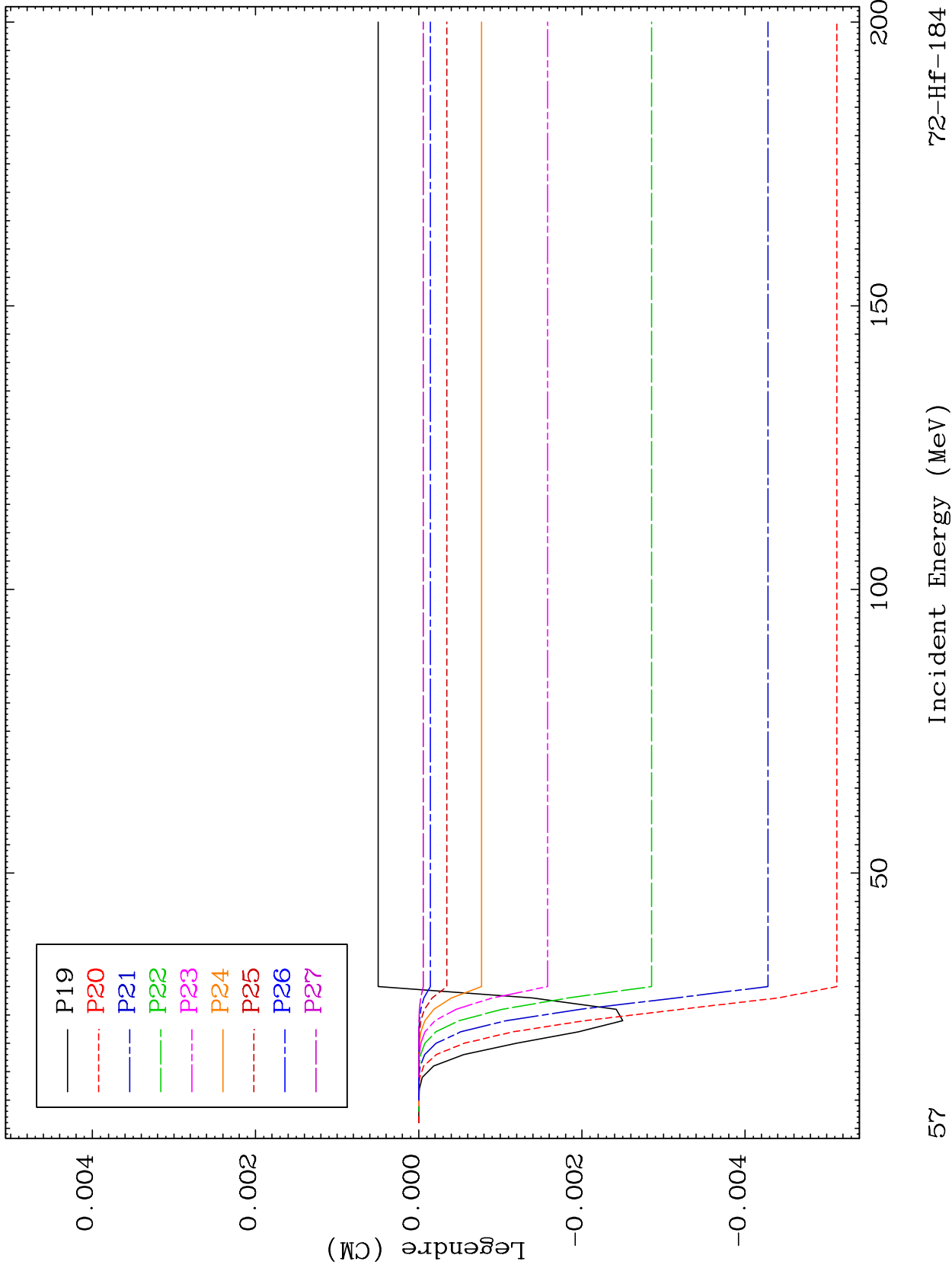
72-Hf-184

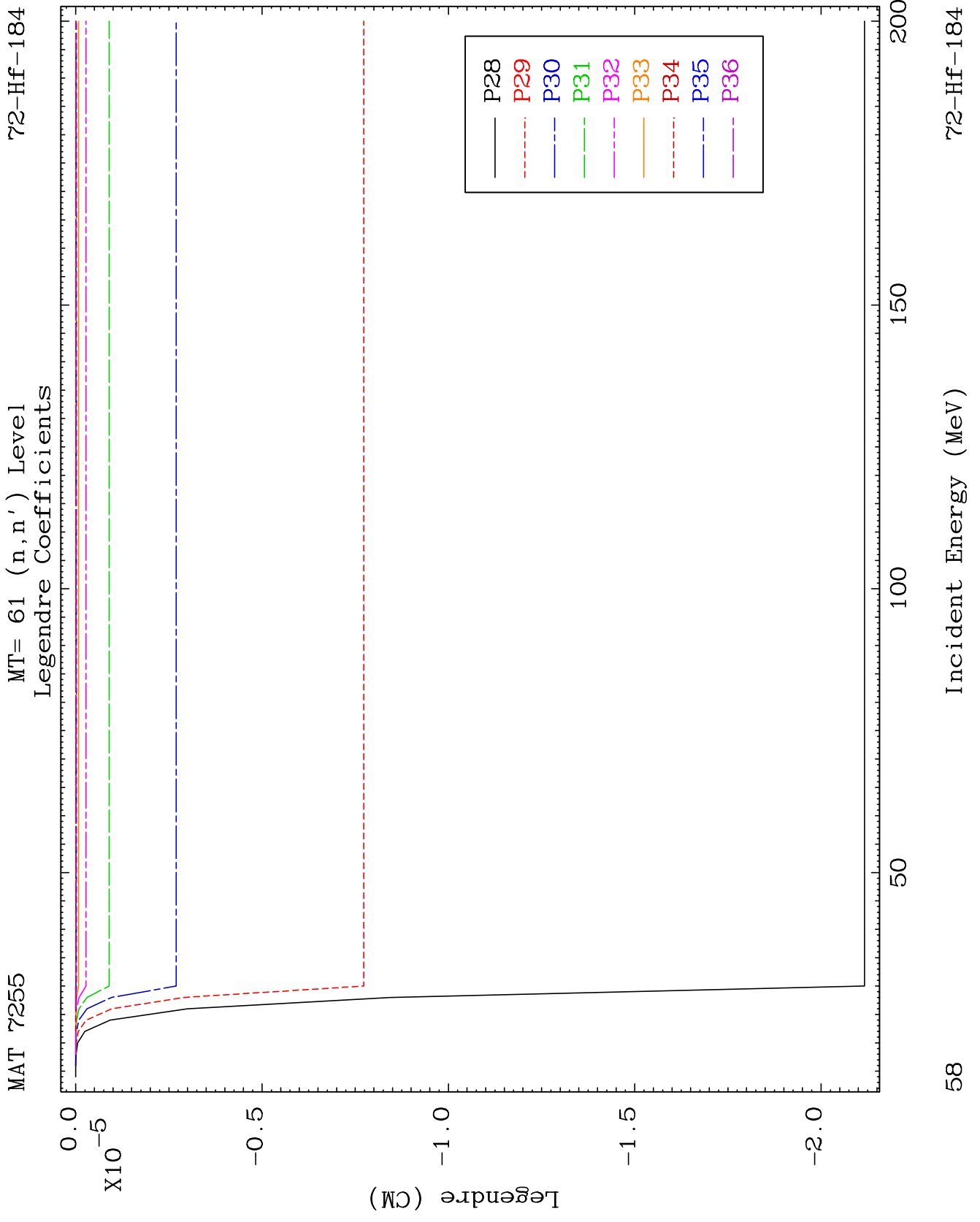


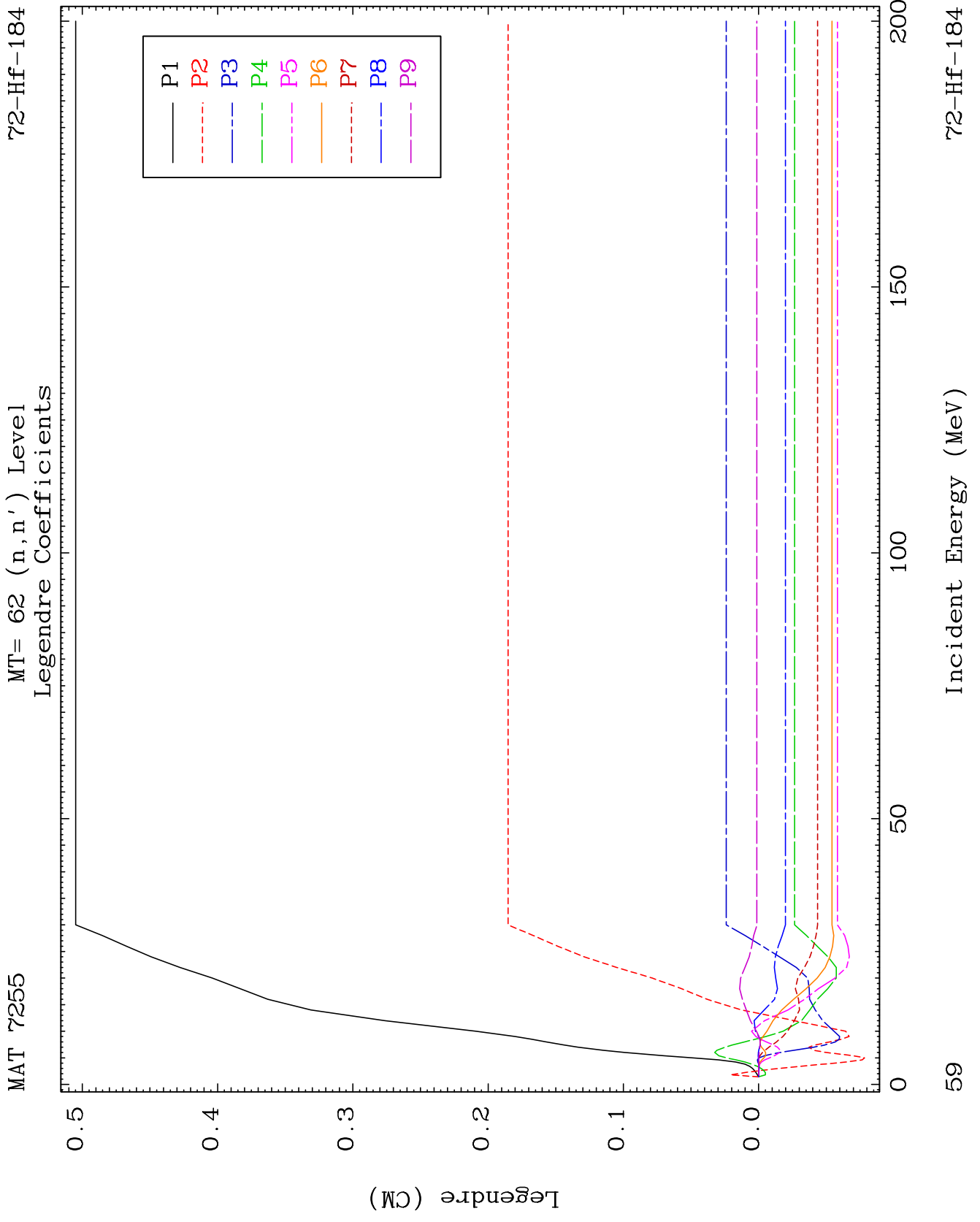
72-Hf-184

Incident Energy (MeV)

56





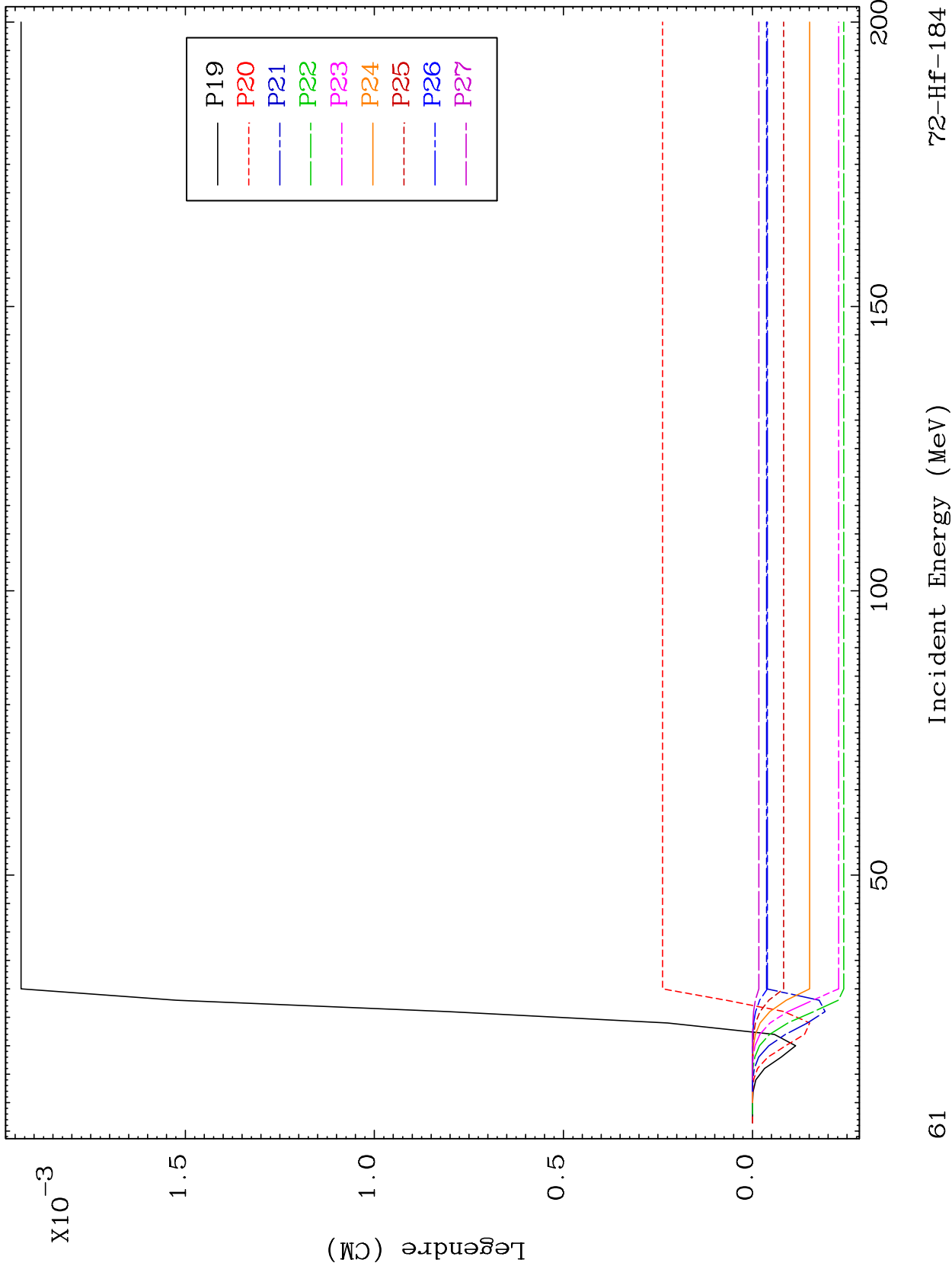


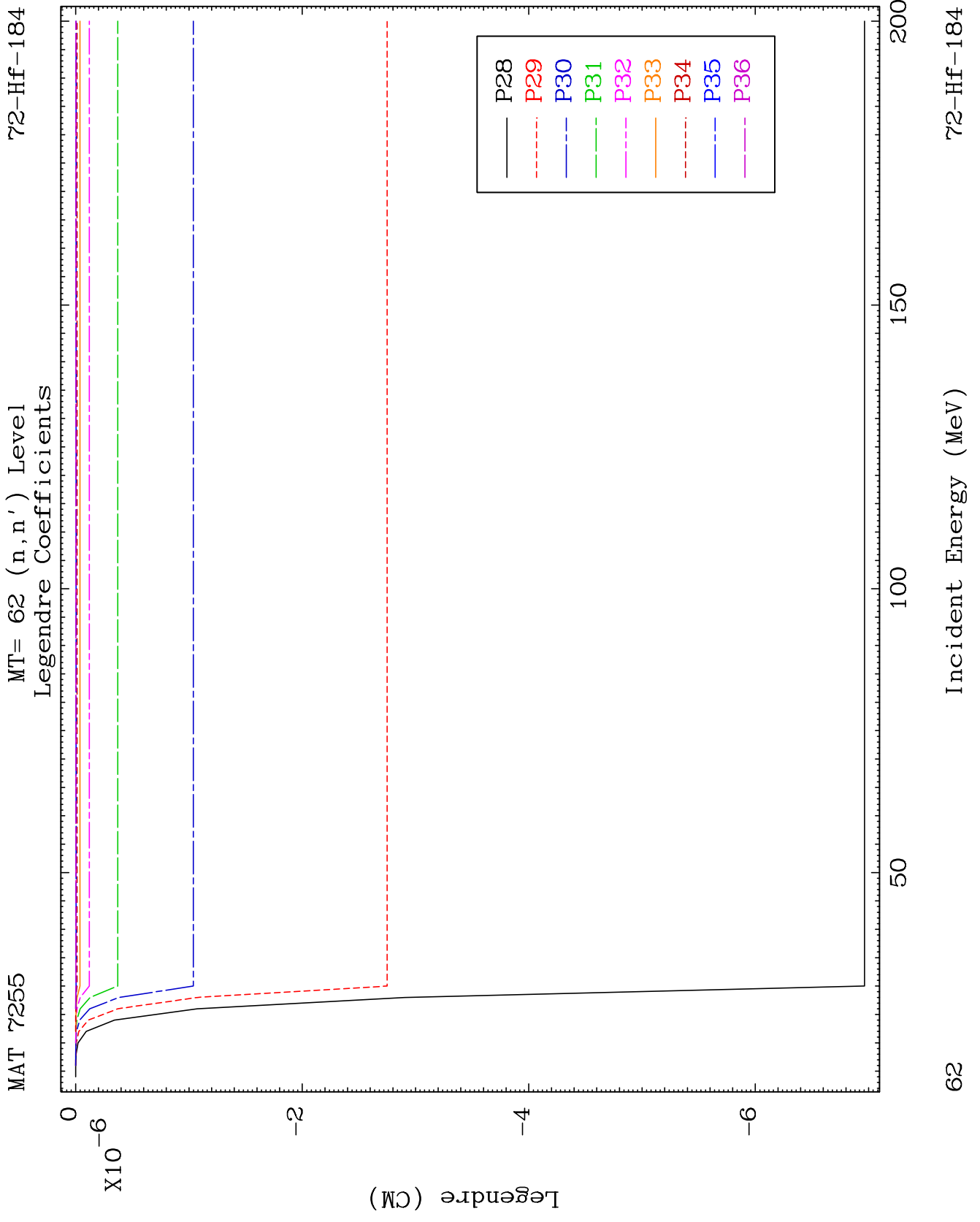


MAT 7255

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

72-Hf-184





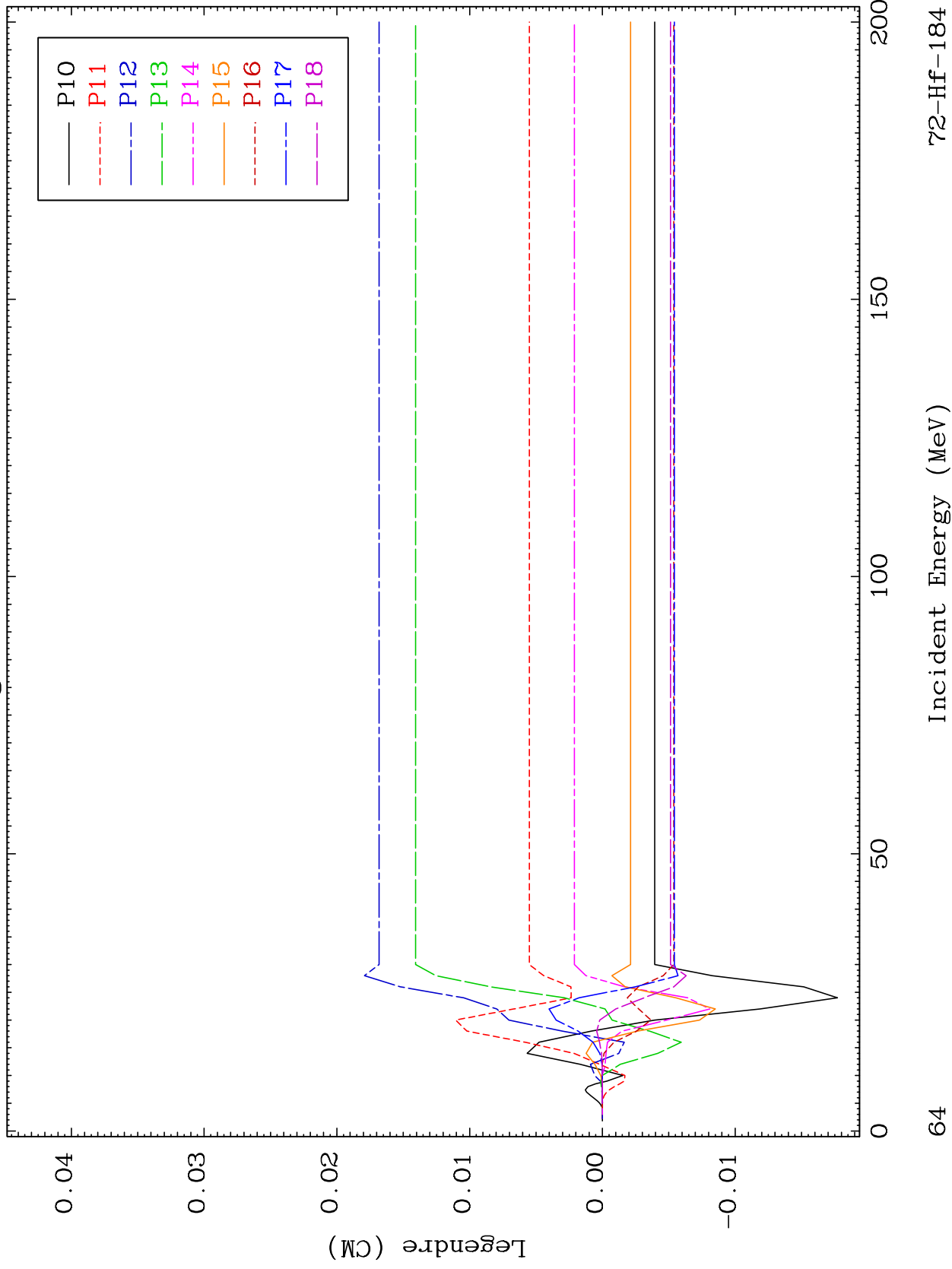




MAT 7255

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

72-Hf-184



72-Hf-184

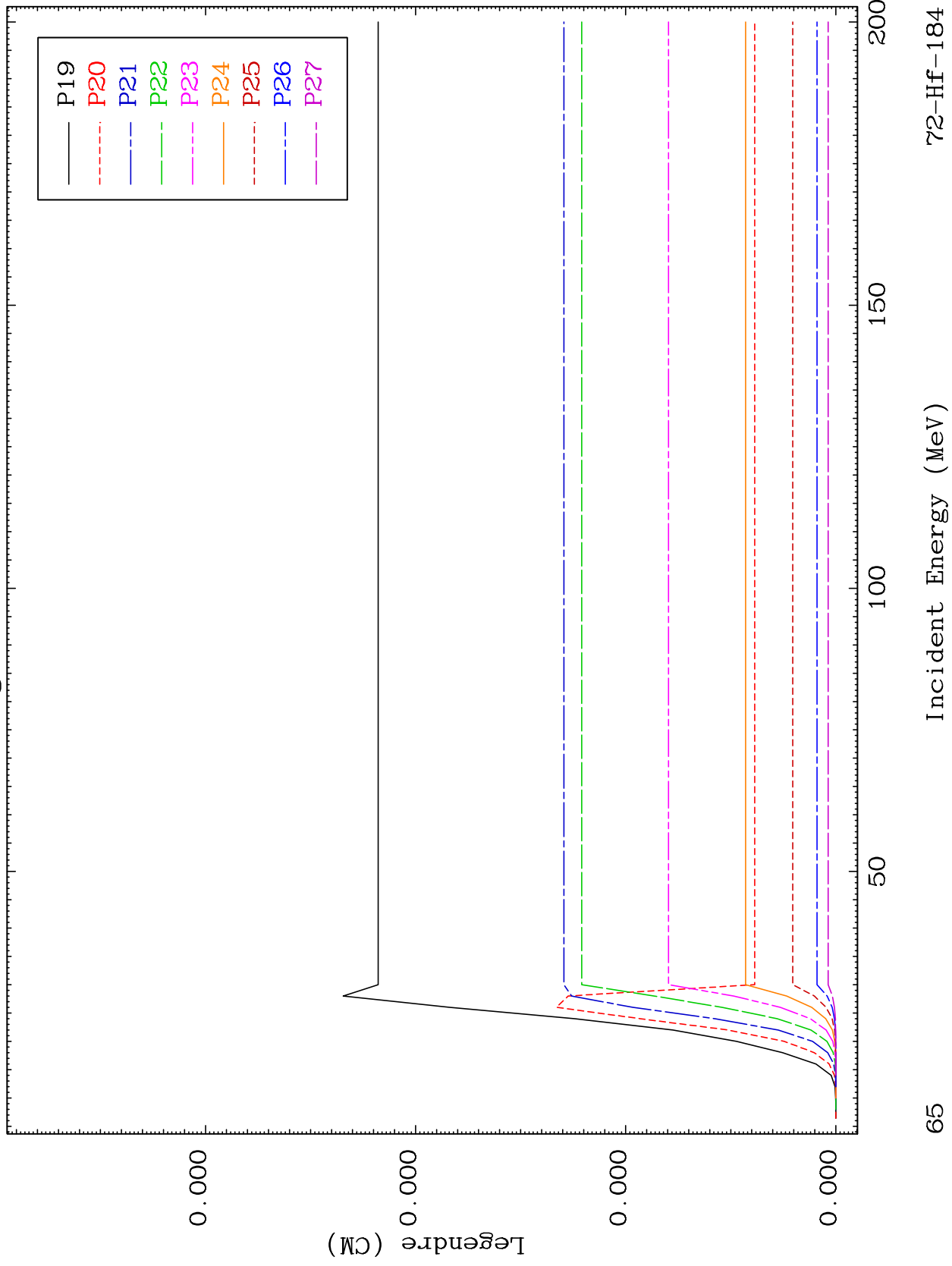
Incident Energy (MeV)

64

MAT 7255

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

72-Hf-184



65

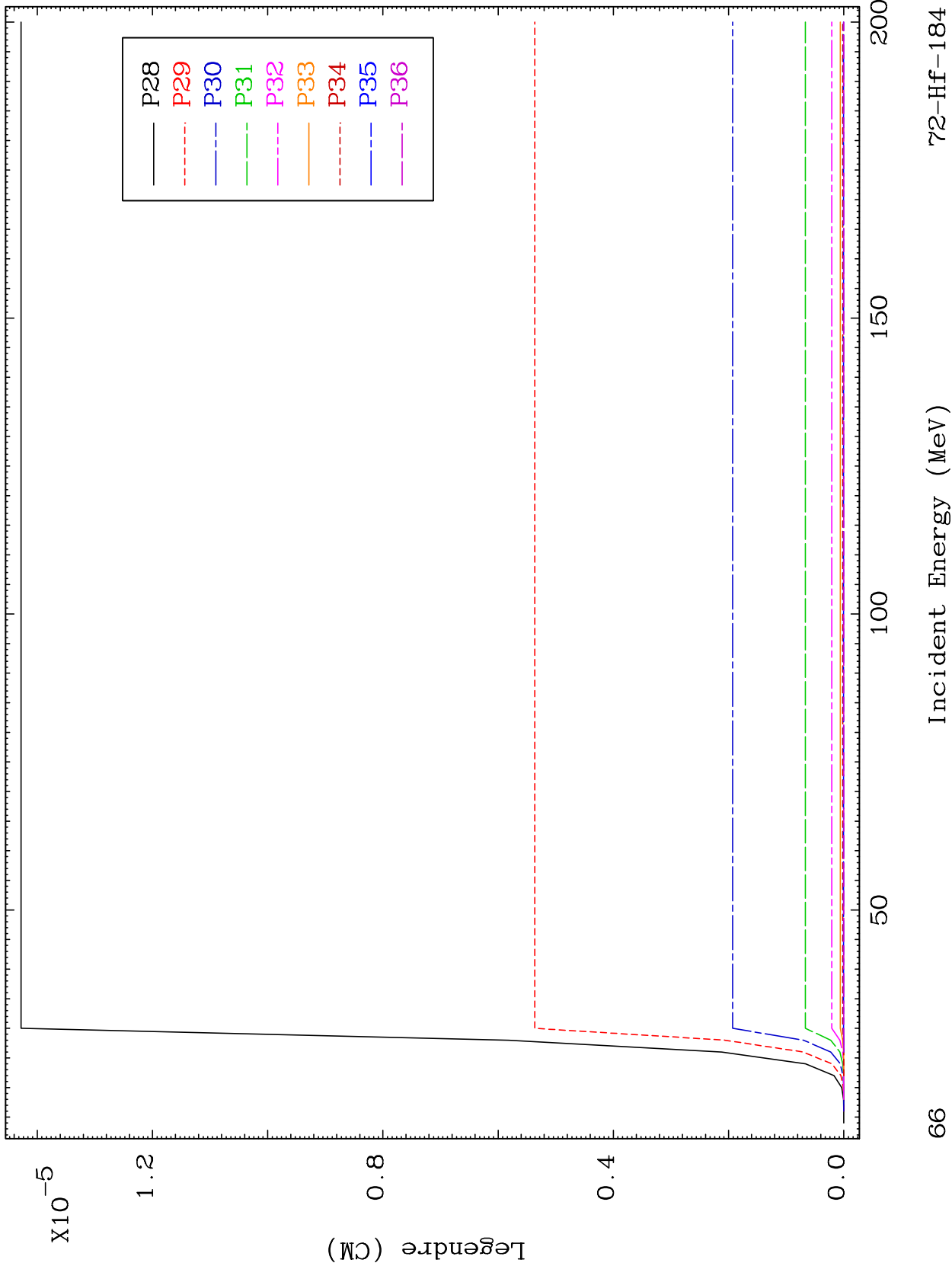
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

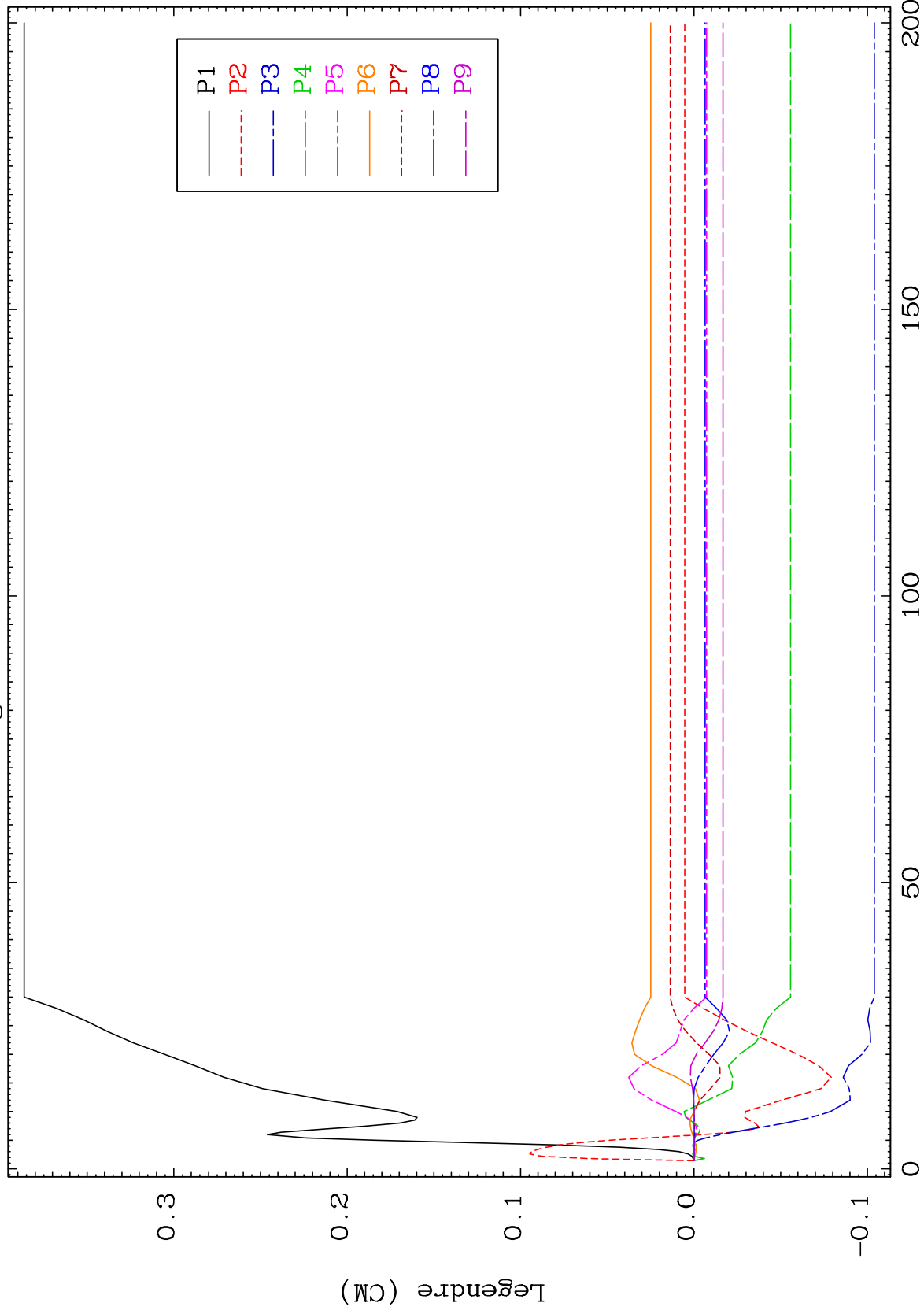
72-Hf-184



MAT 7255

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

72-Hf-184



67

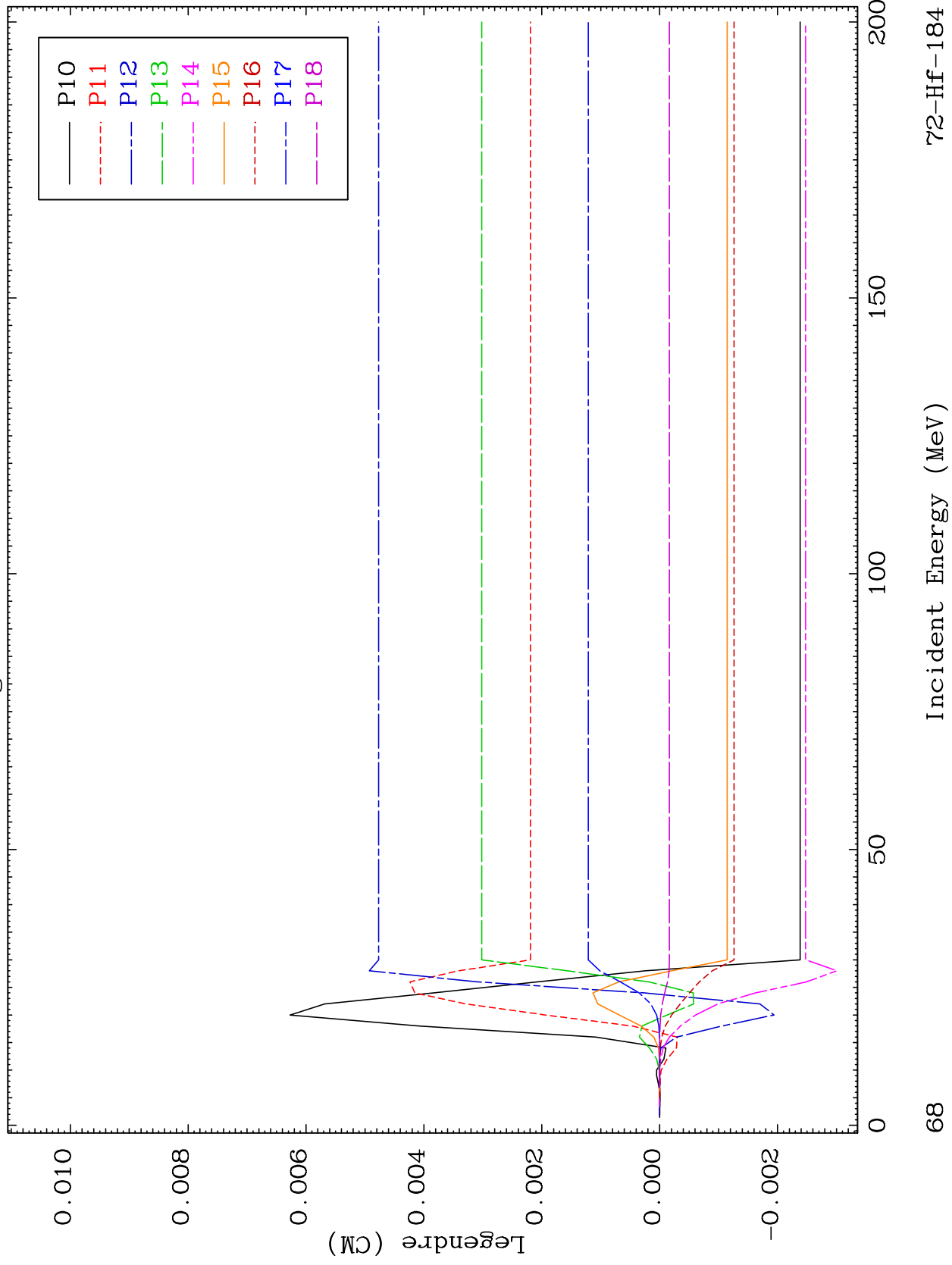
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

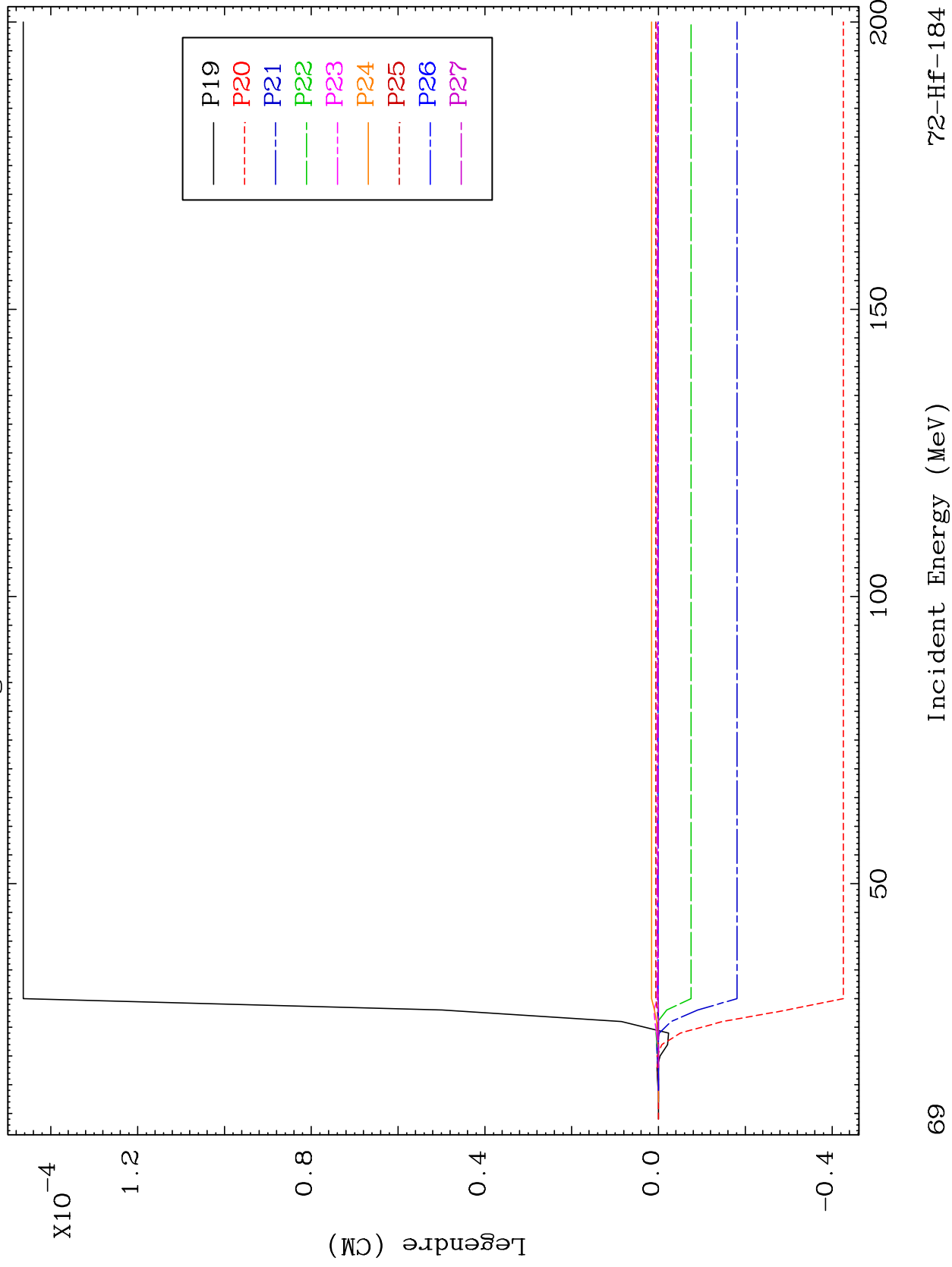
72-Hf-184



MAT 7255

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

72-Hf-184



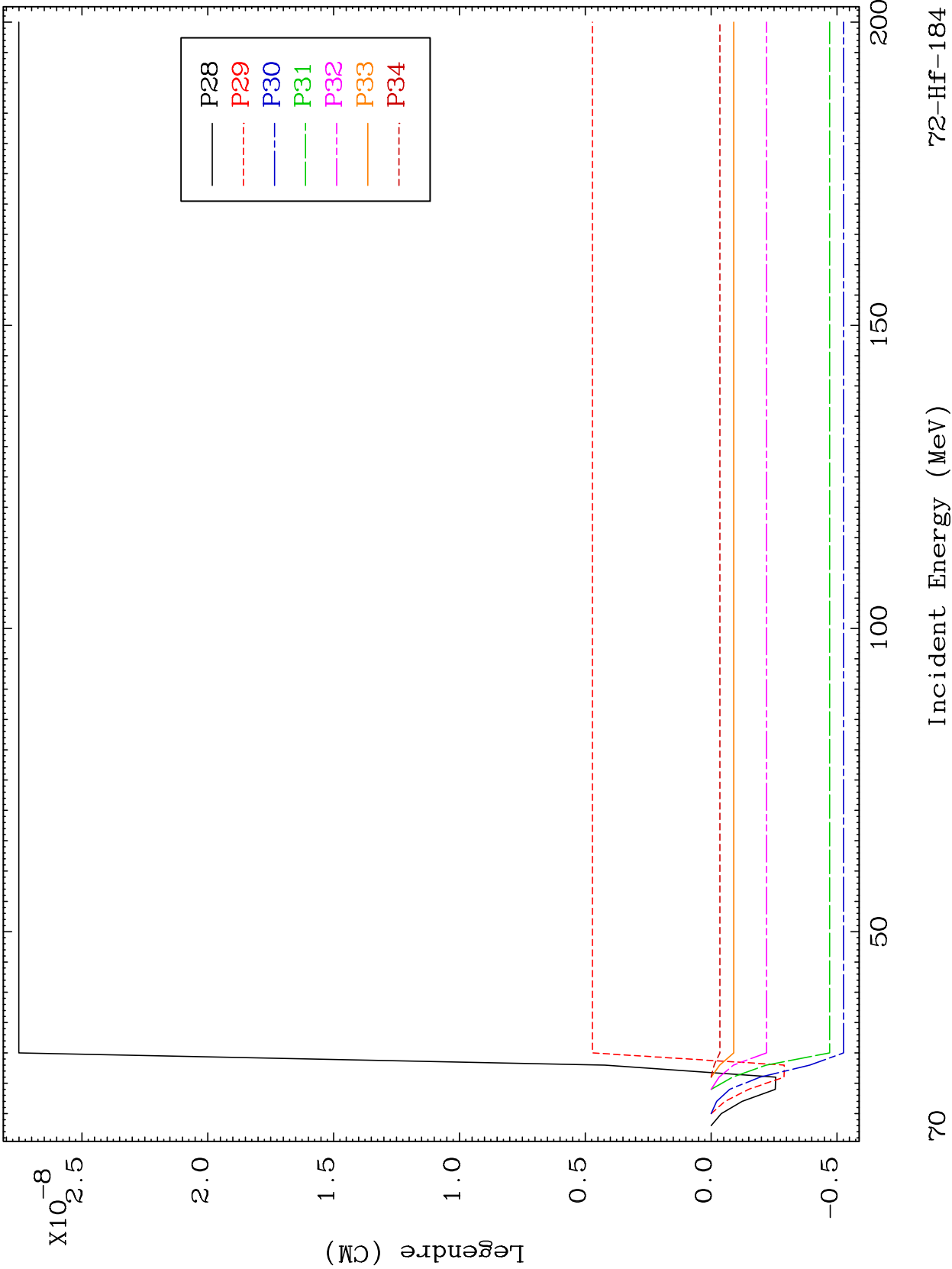
69

72-Hf-184

MAT 7255

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

72-Hf-184



70

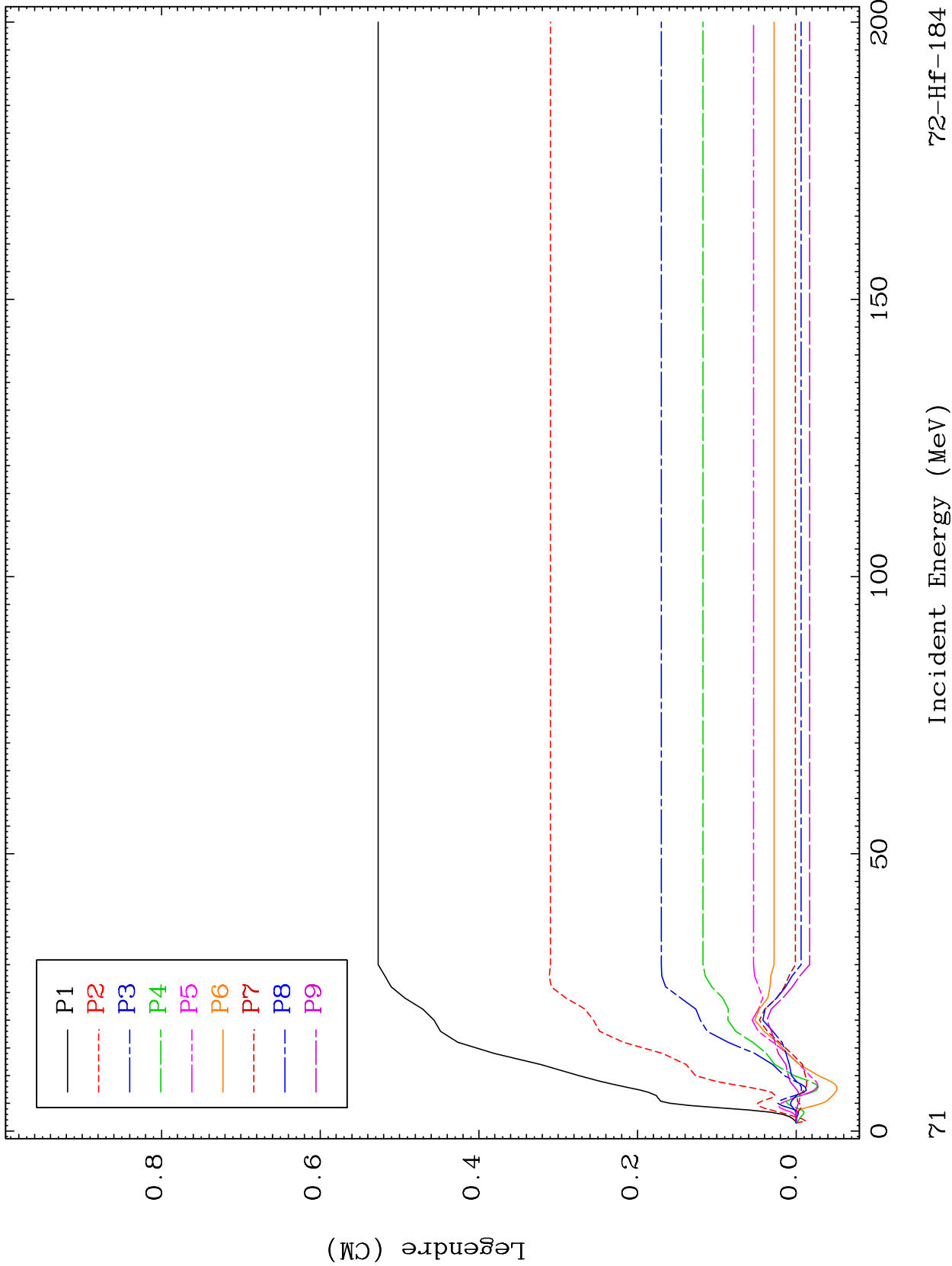
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184

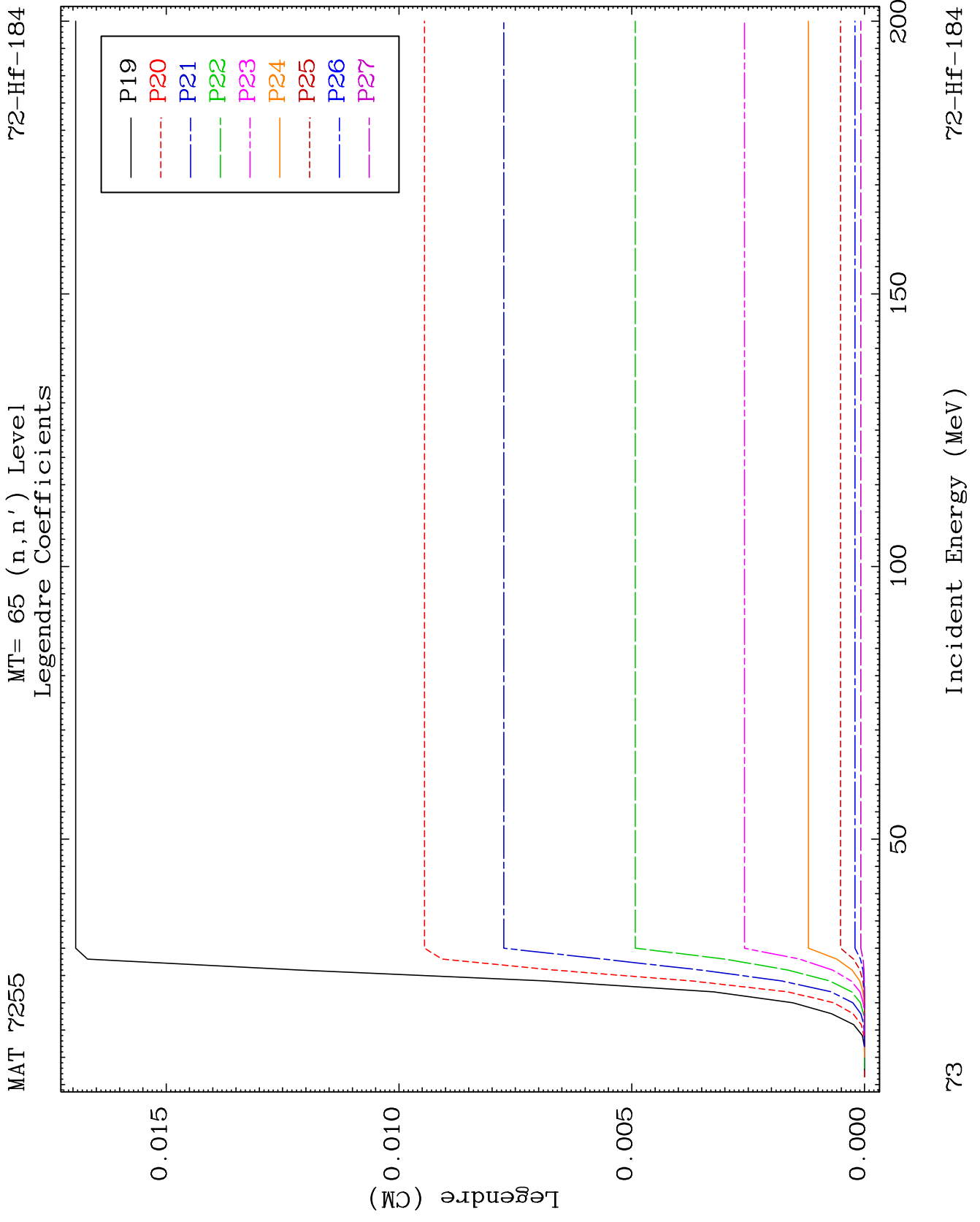


71

72-Hf-184



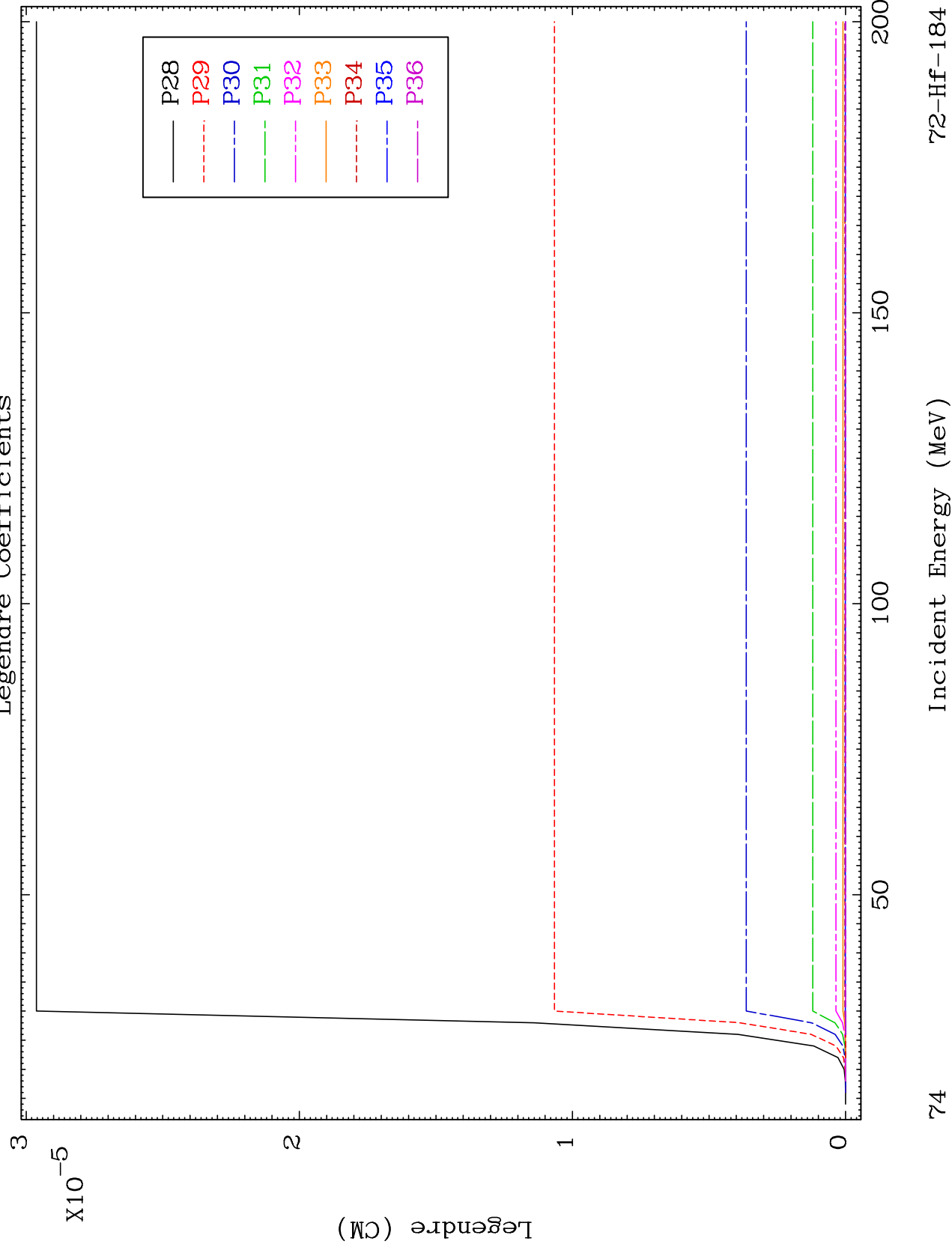




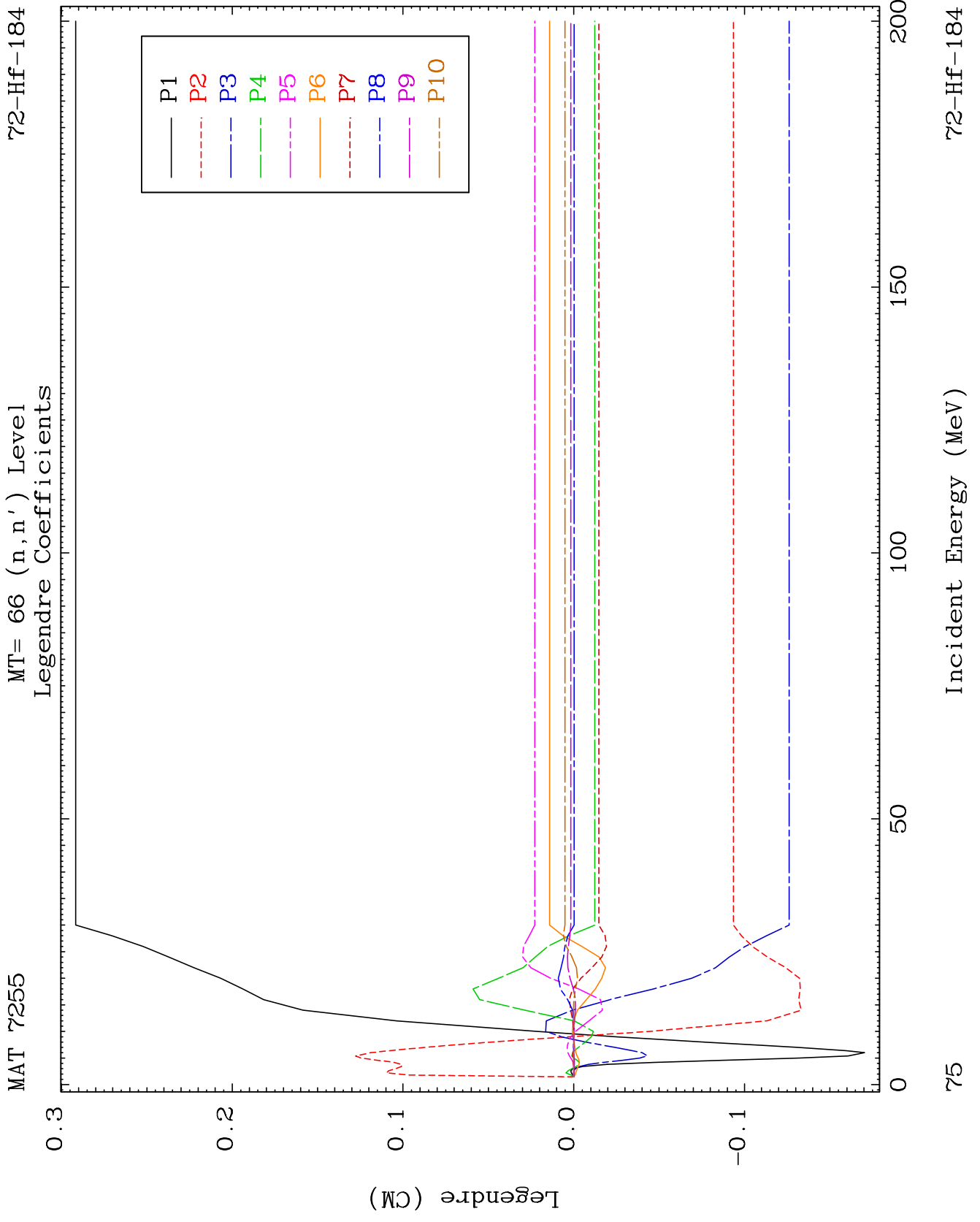
MAT 7255

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

72-Hf-184



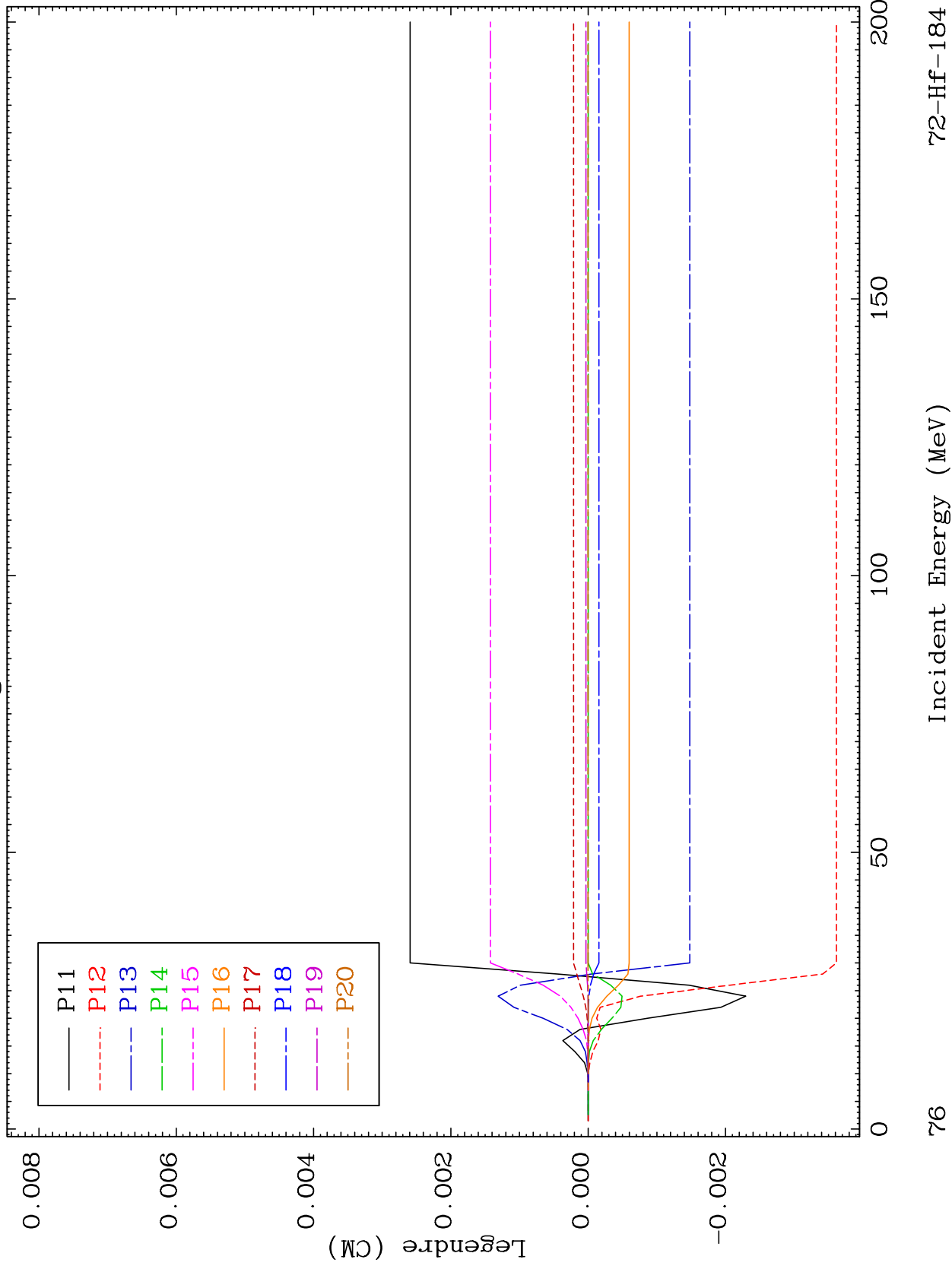
74



MAT 7255

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

72-Hf-184



76

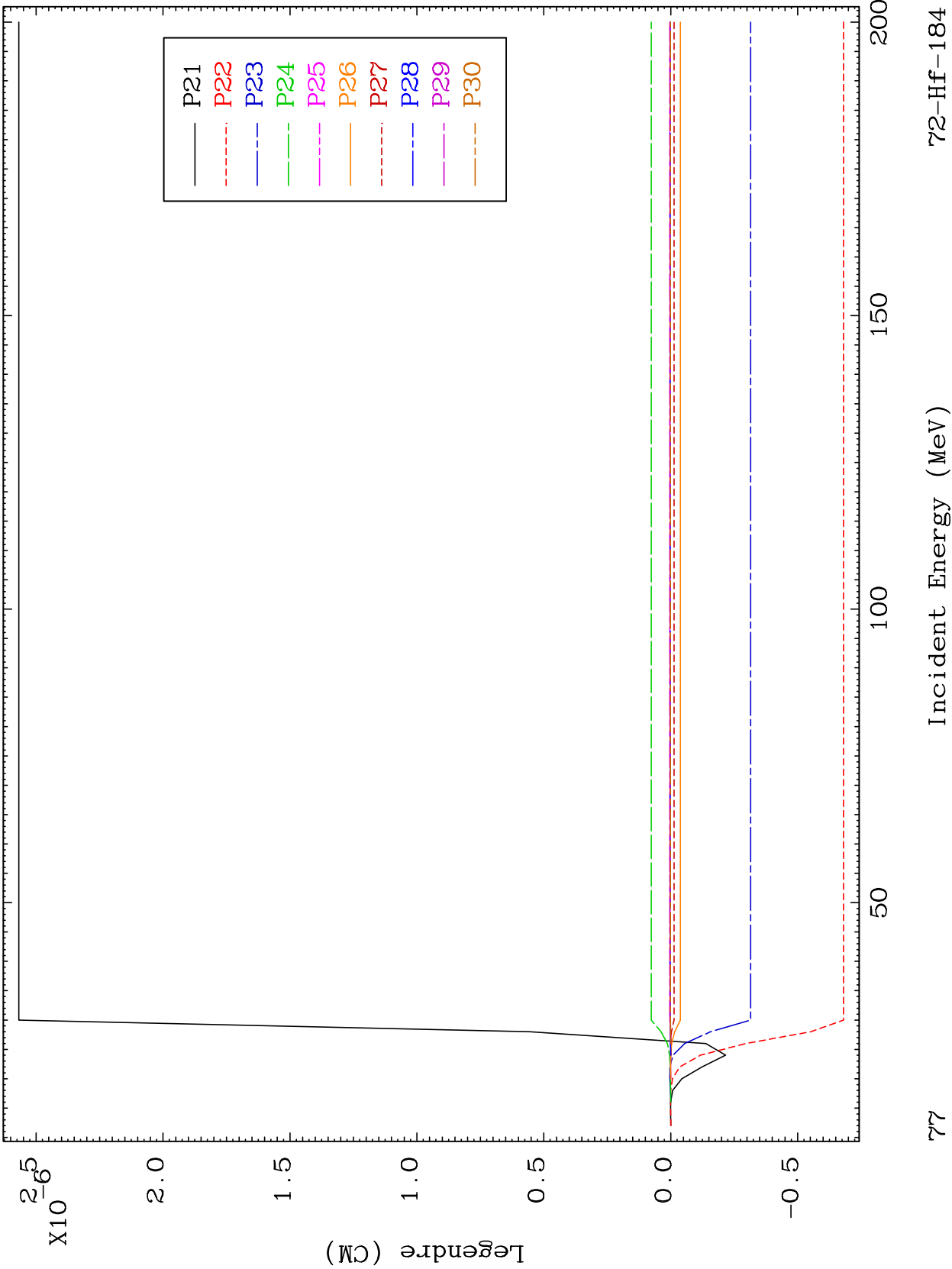
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

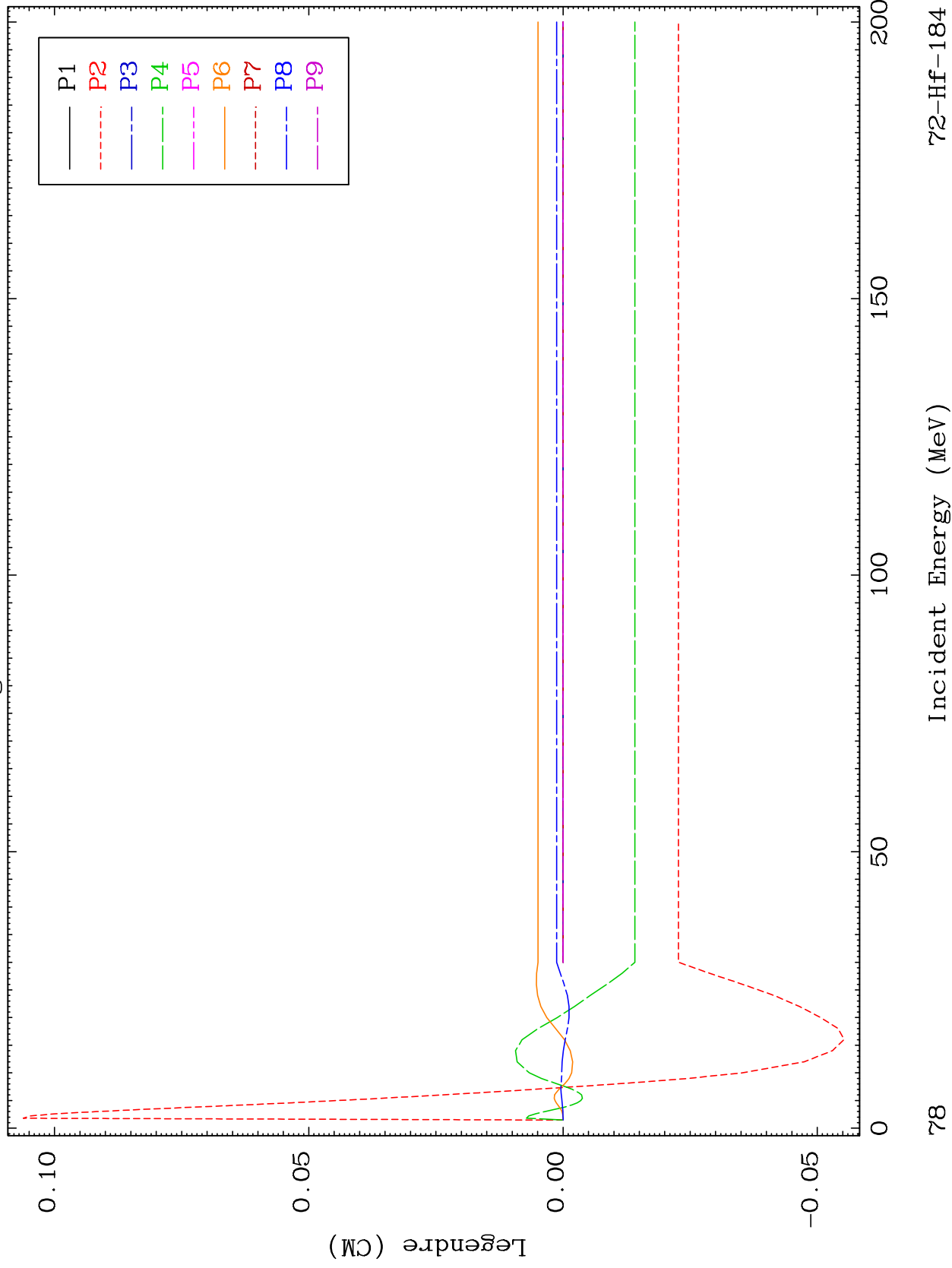
72-Hf-184



MAT 7255

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

72-Hf-184



72-Hf-184

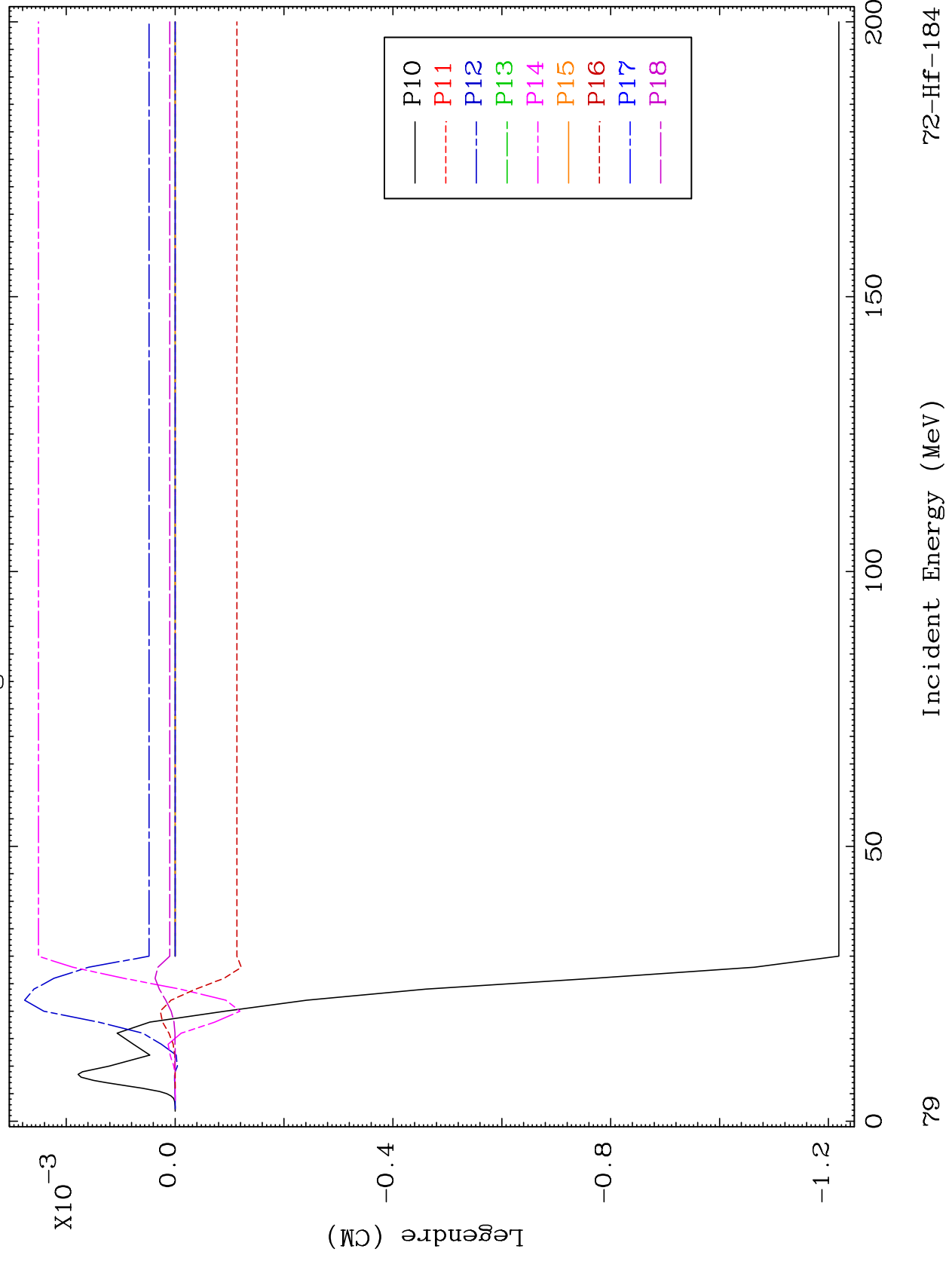
Incident Energy (MeV)

78

MAT 7255

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

72-Hf-184



79

Incident Energy (MeV)

72-Hf-184

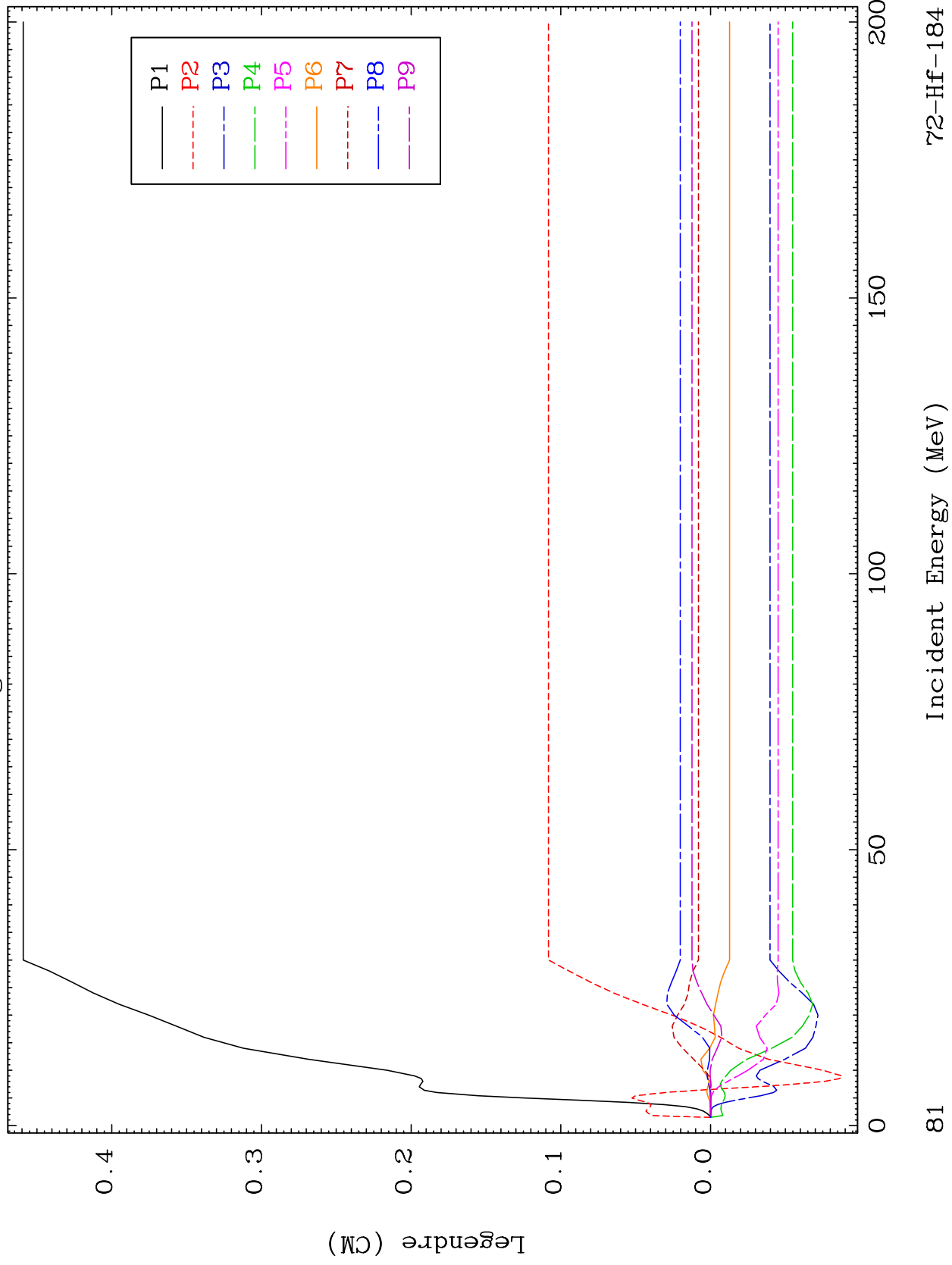




MAT 7255

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

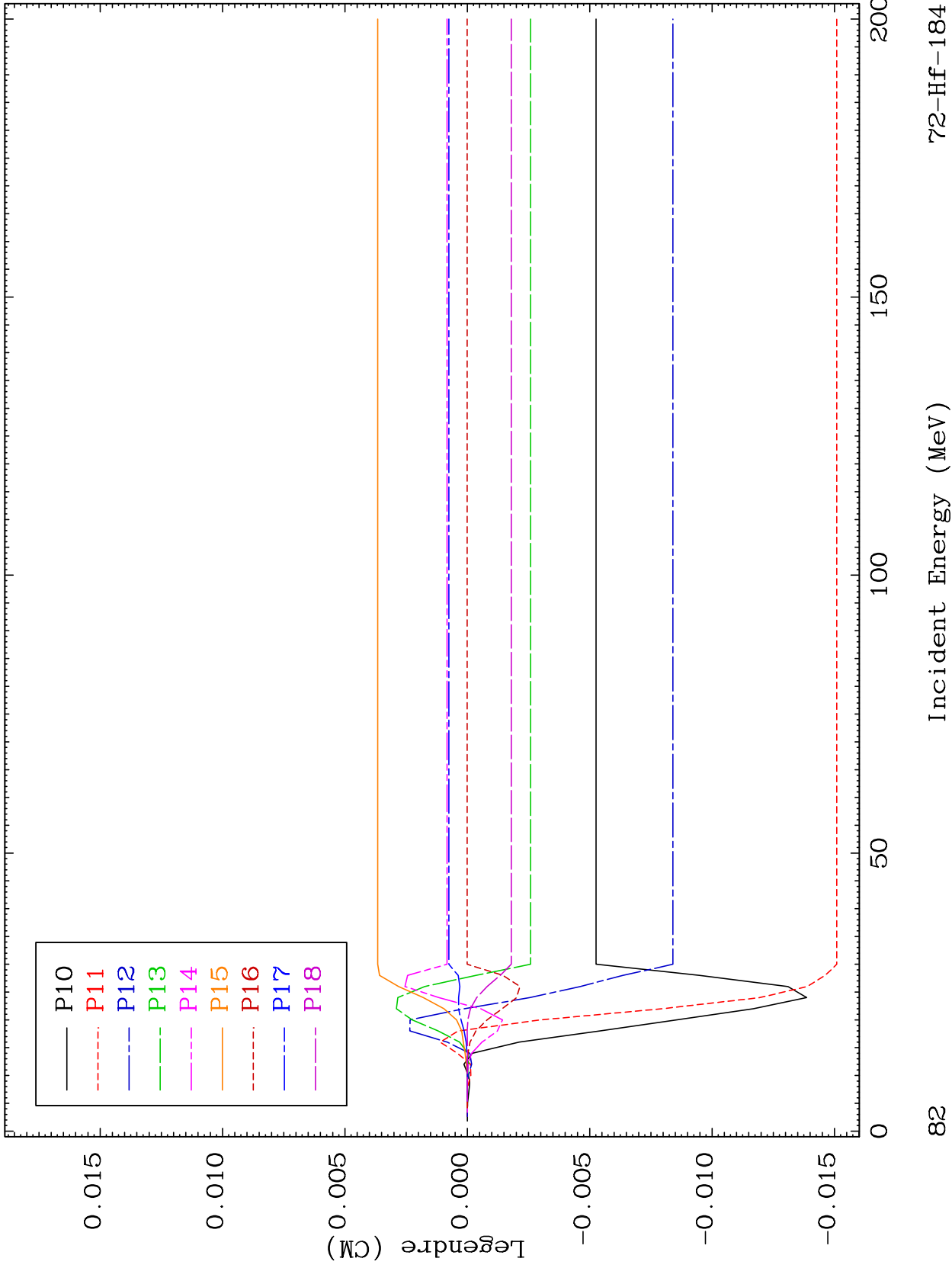
72-Hf-184



MAT 7255

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

72-Hf-184



82

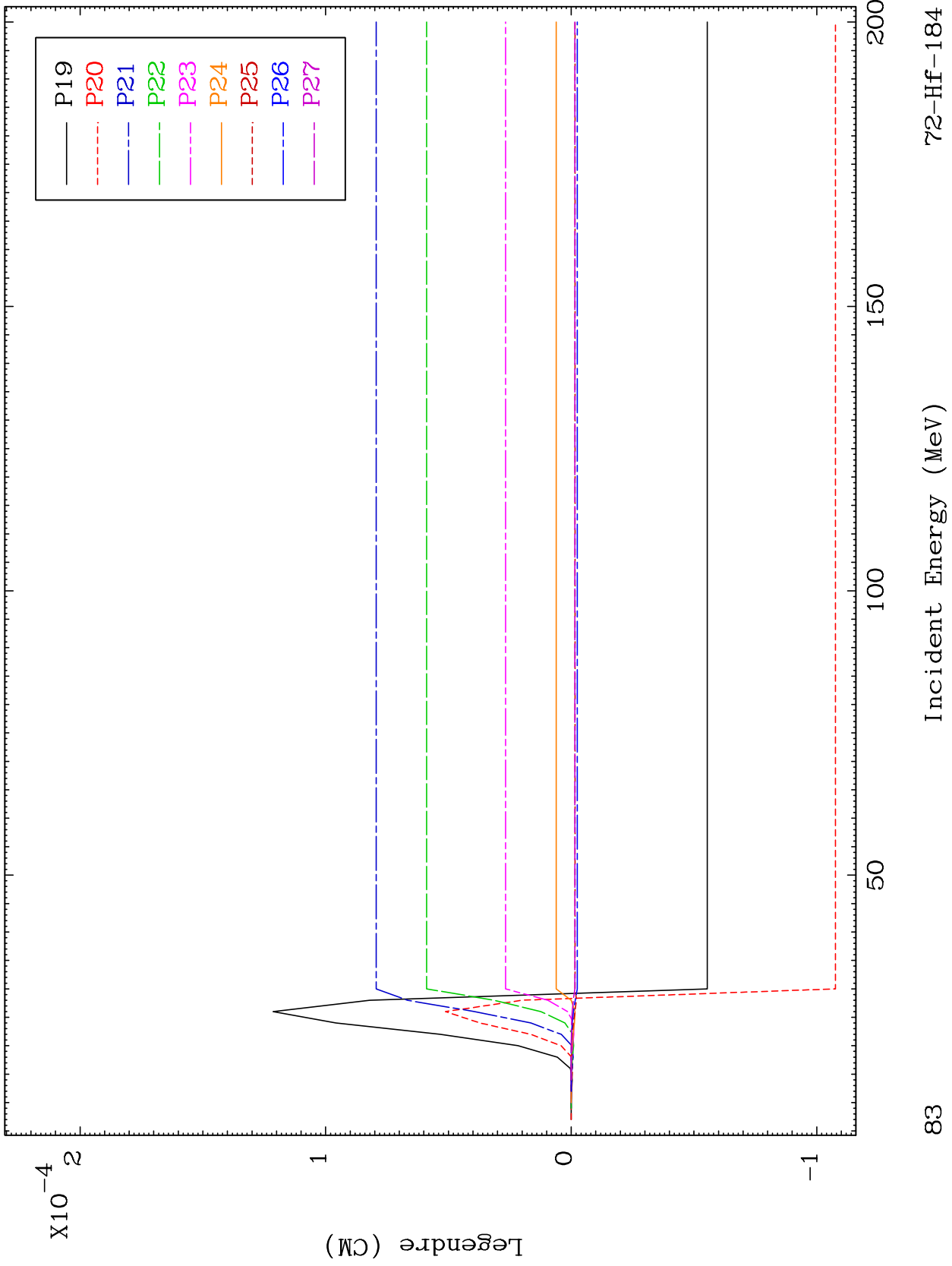
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

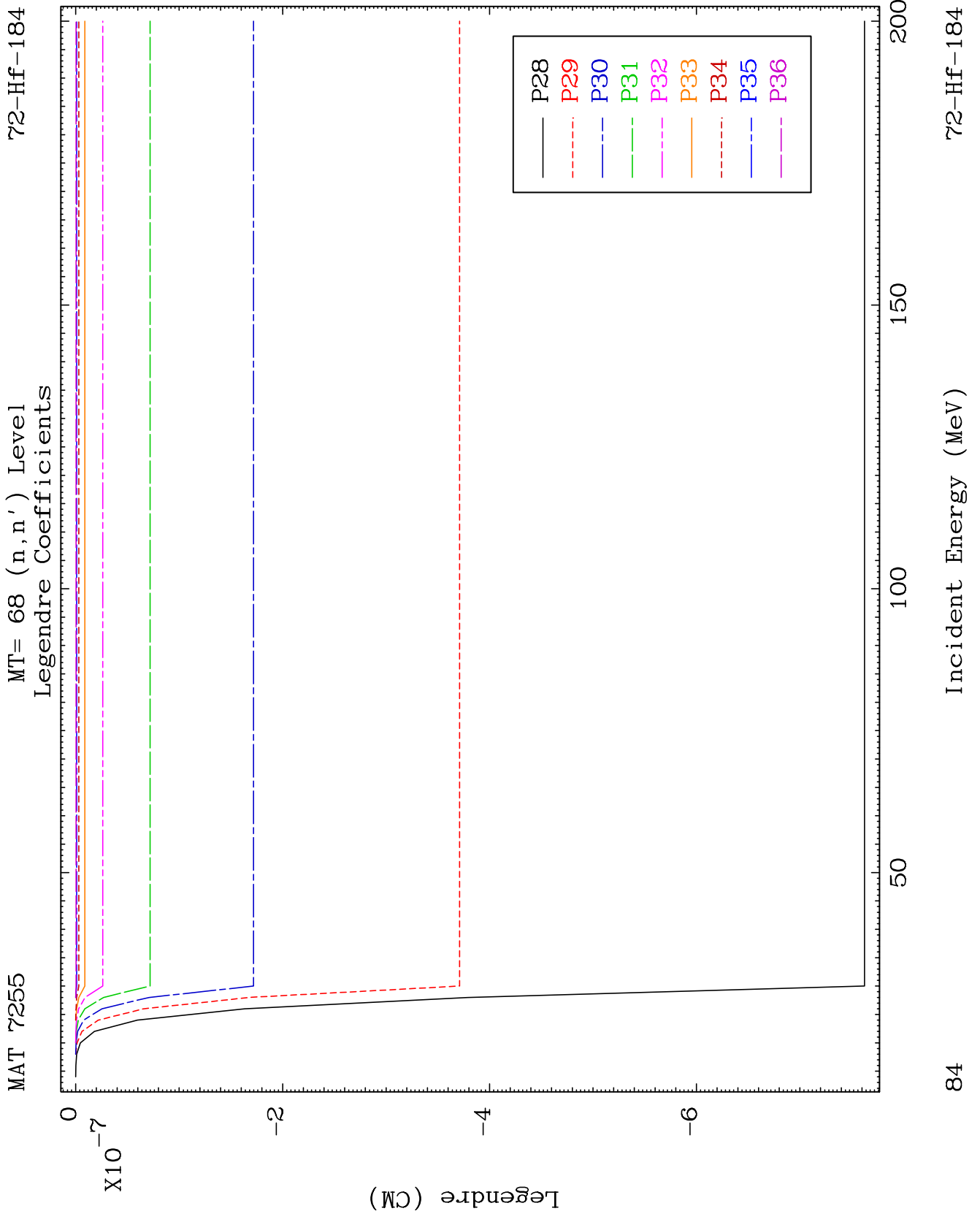
72-Hf-184



83

Incident Energy (MeV)

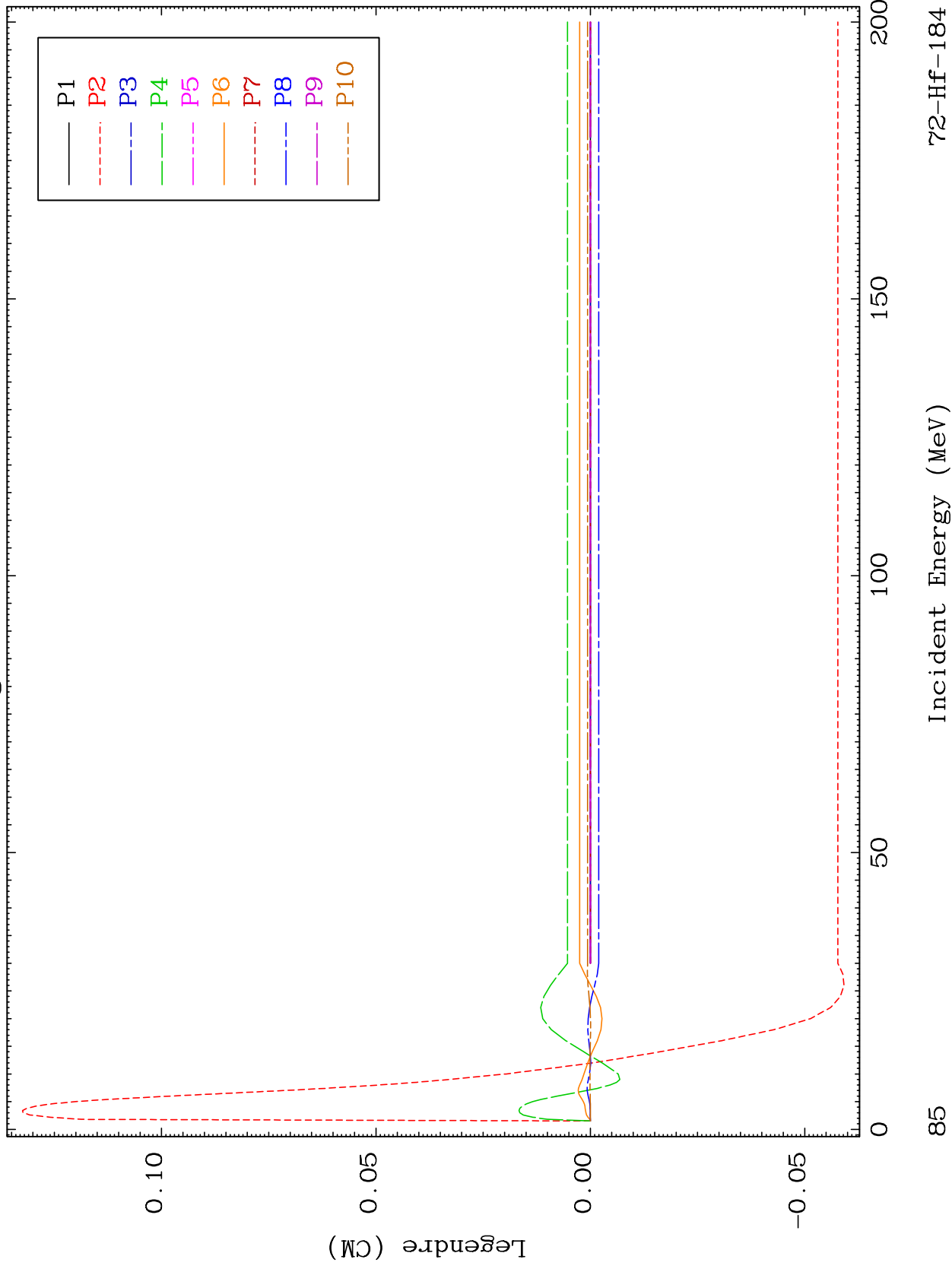
72-Hf-184



MAT 7255

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

72-Hf-184



72-Hf-184

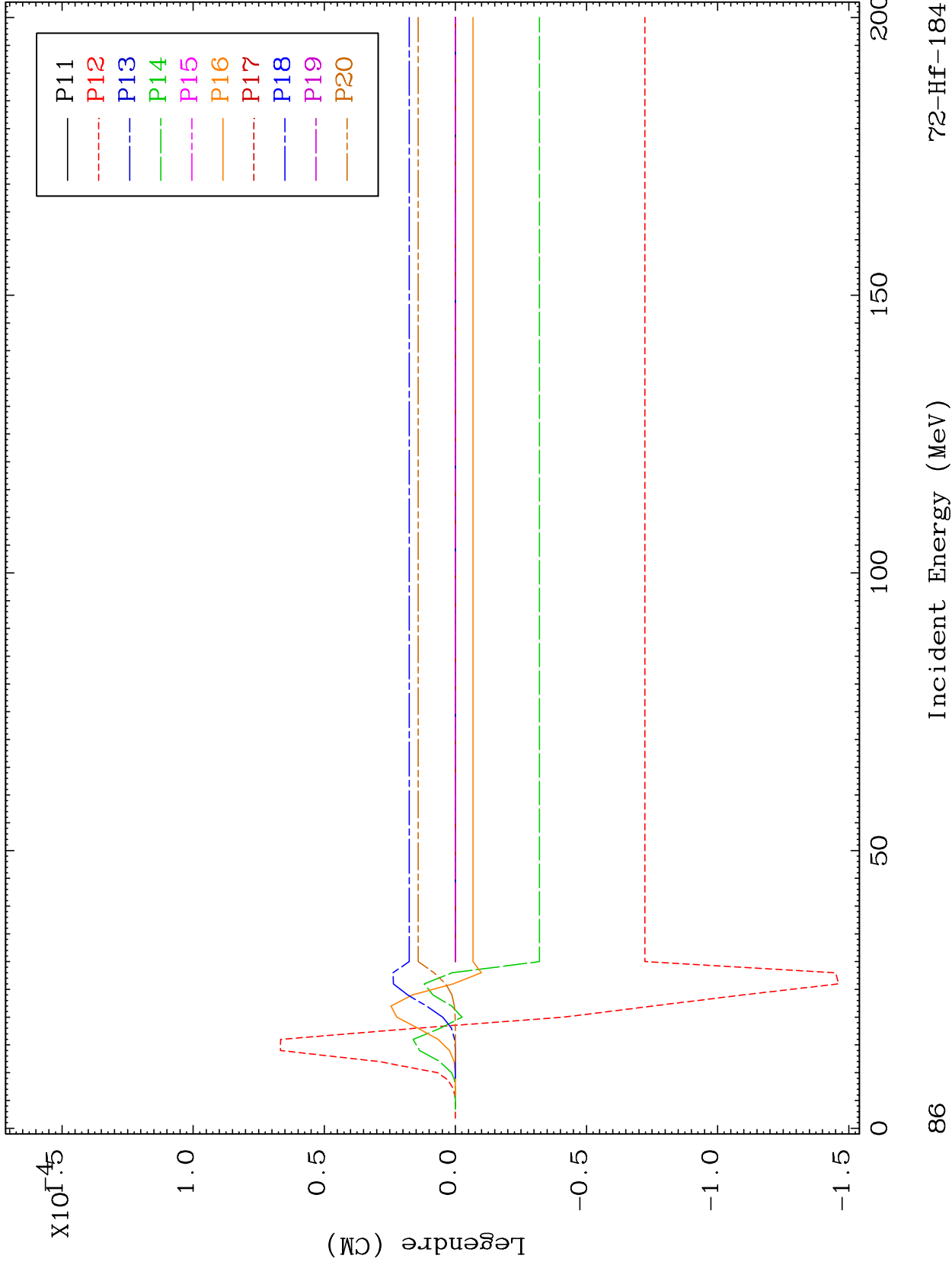
Incident Energy (MeV)

85

MAT 7255

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

72-Hf-184



86

Incident Energy (MeV)

72-Hf-184

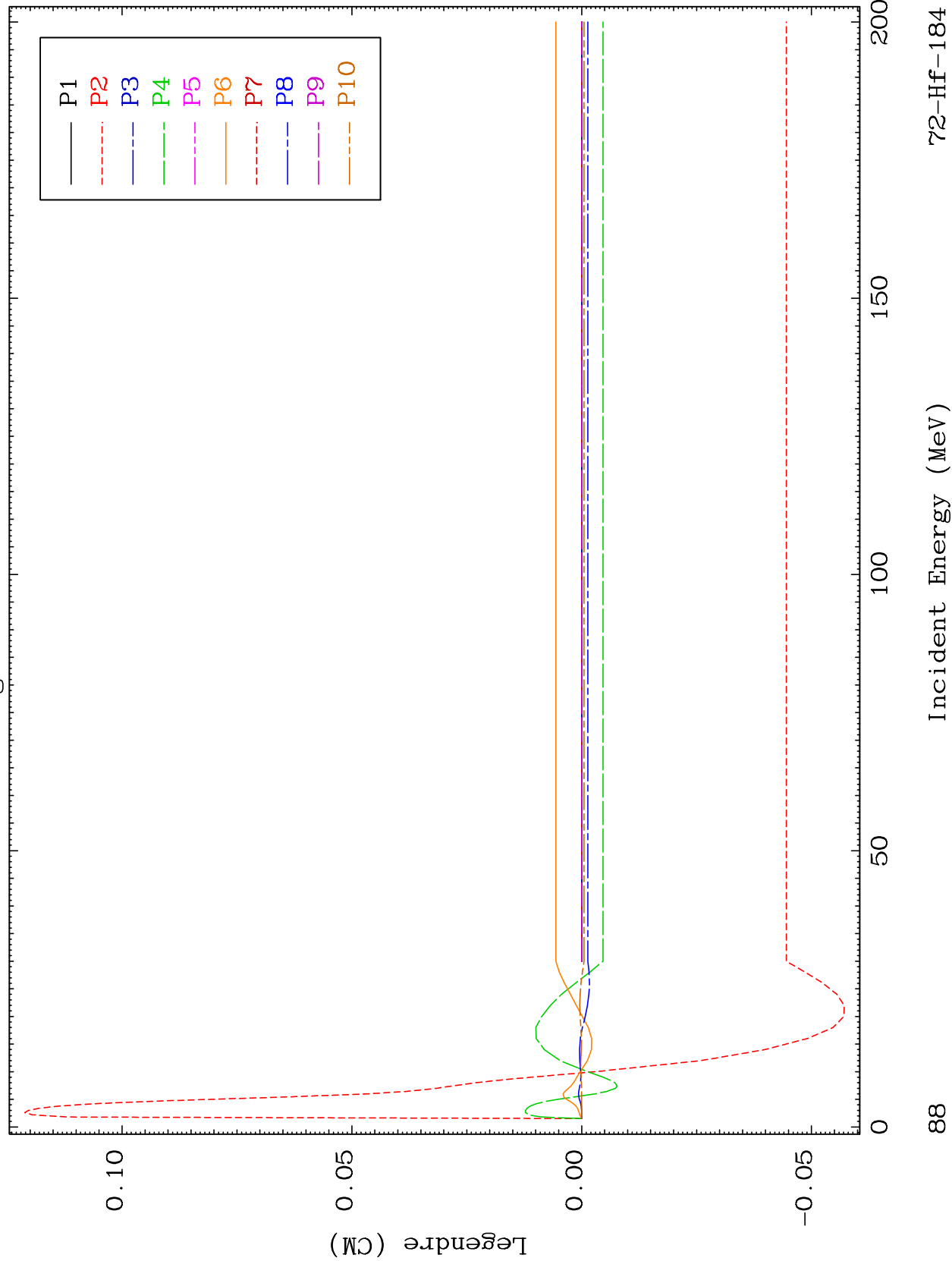




MAT 7255

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

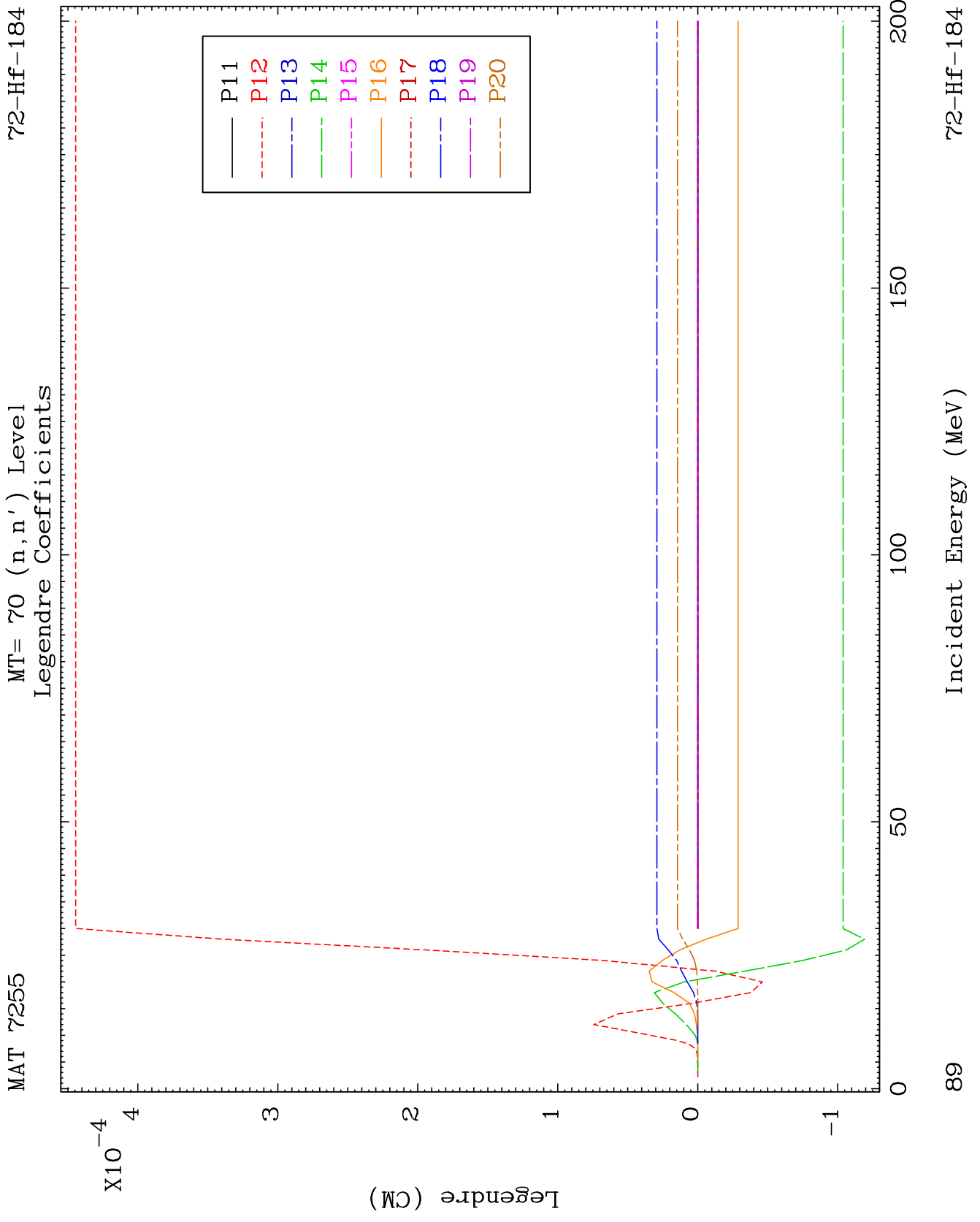
72-Hf-184



72-Hf-184

Incident Energy (MeV)

88

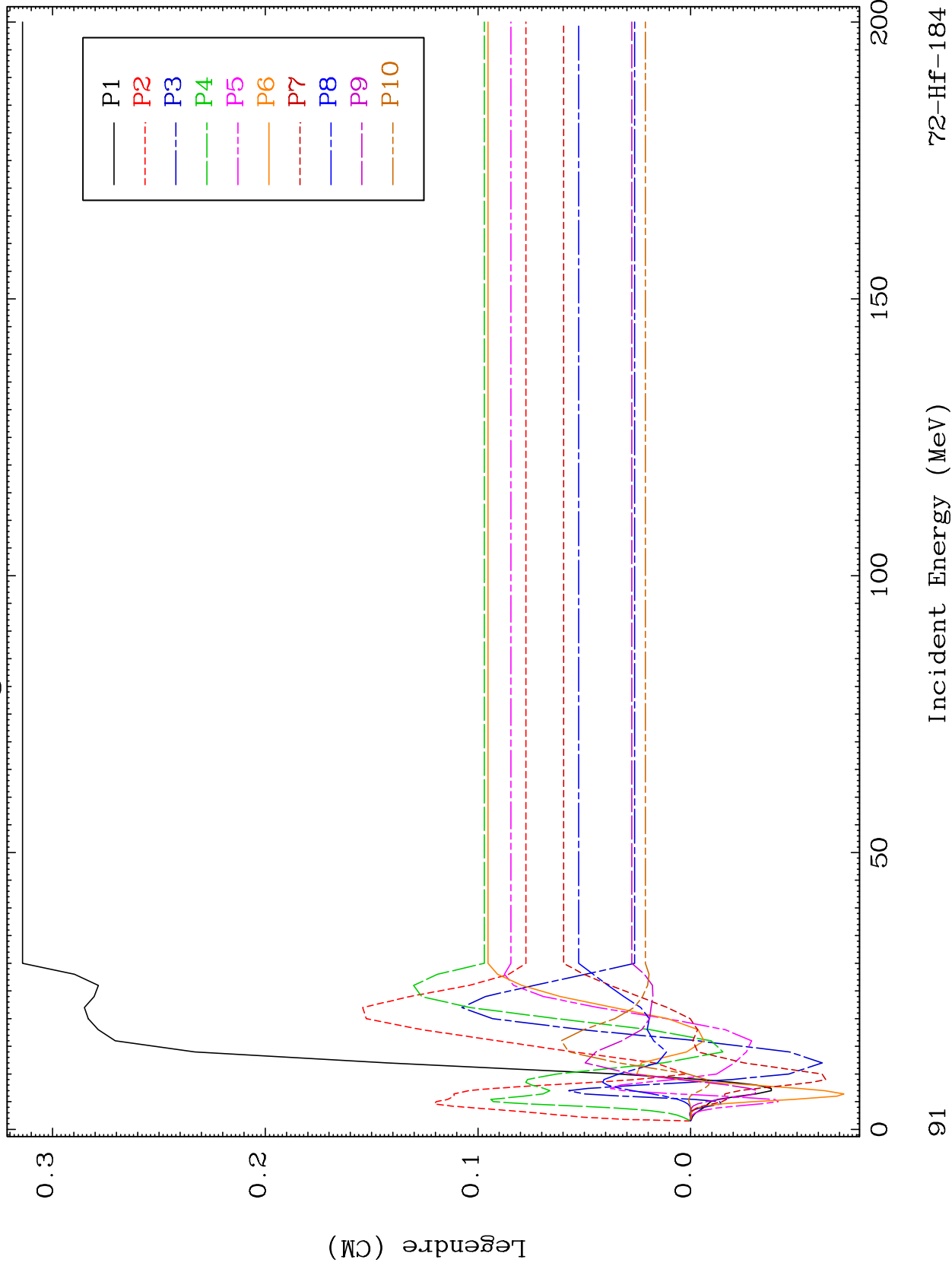




MAT 7255

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

72-Hf-184



72-Hf-184

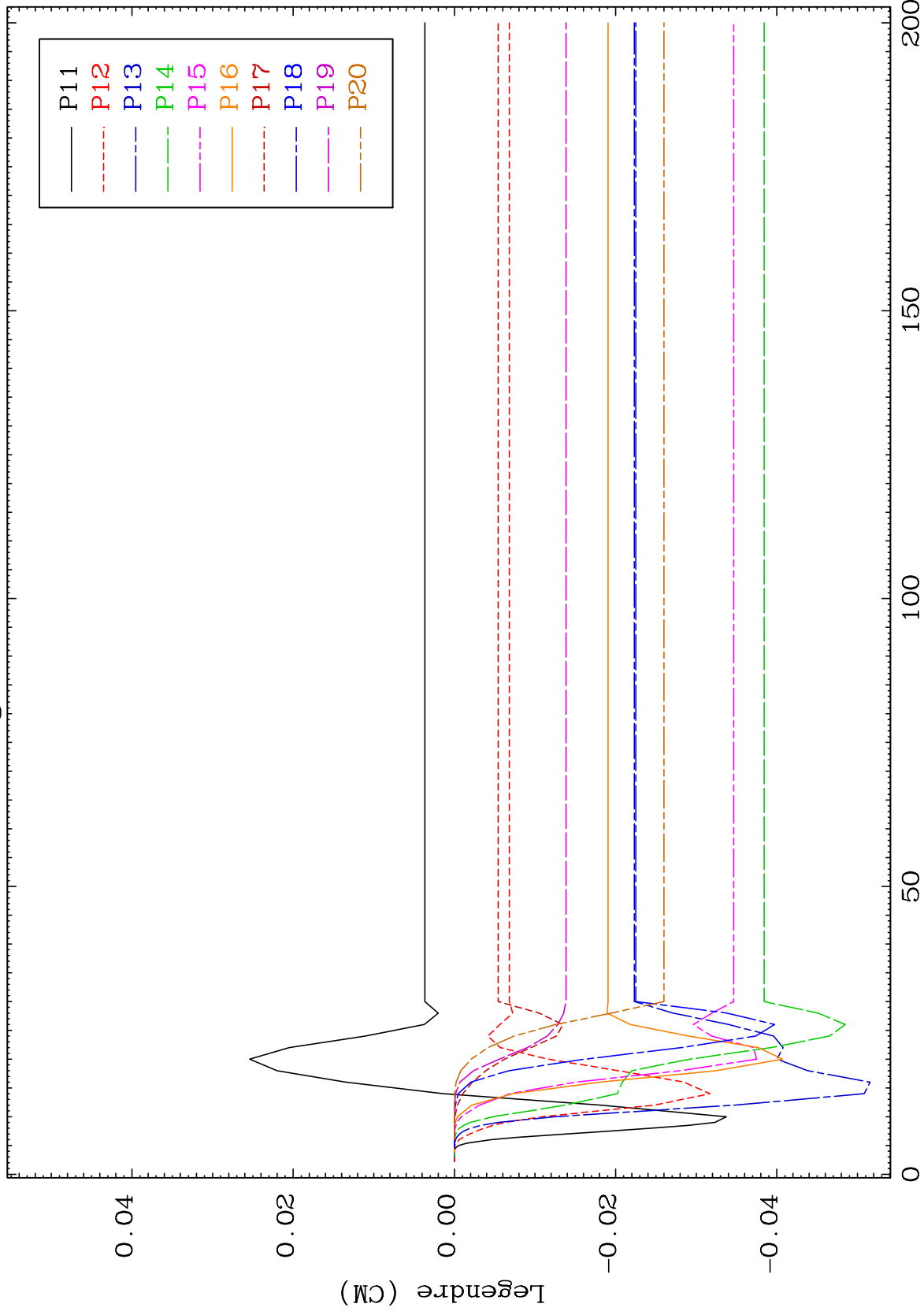
Incident Energy (MeV)

91

MAT 7255

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

72-Hf-184

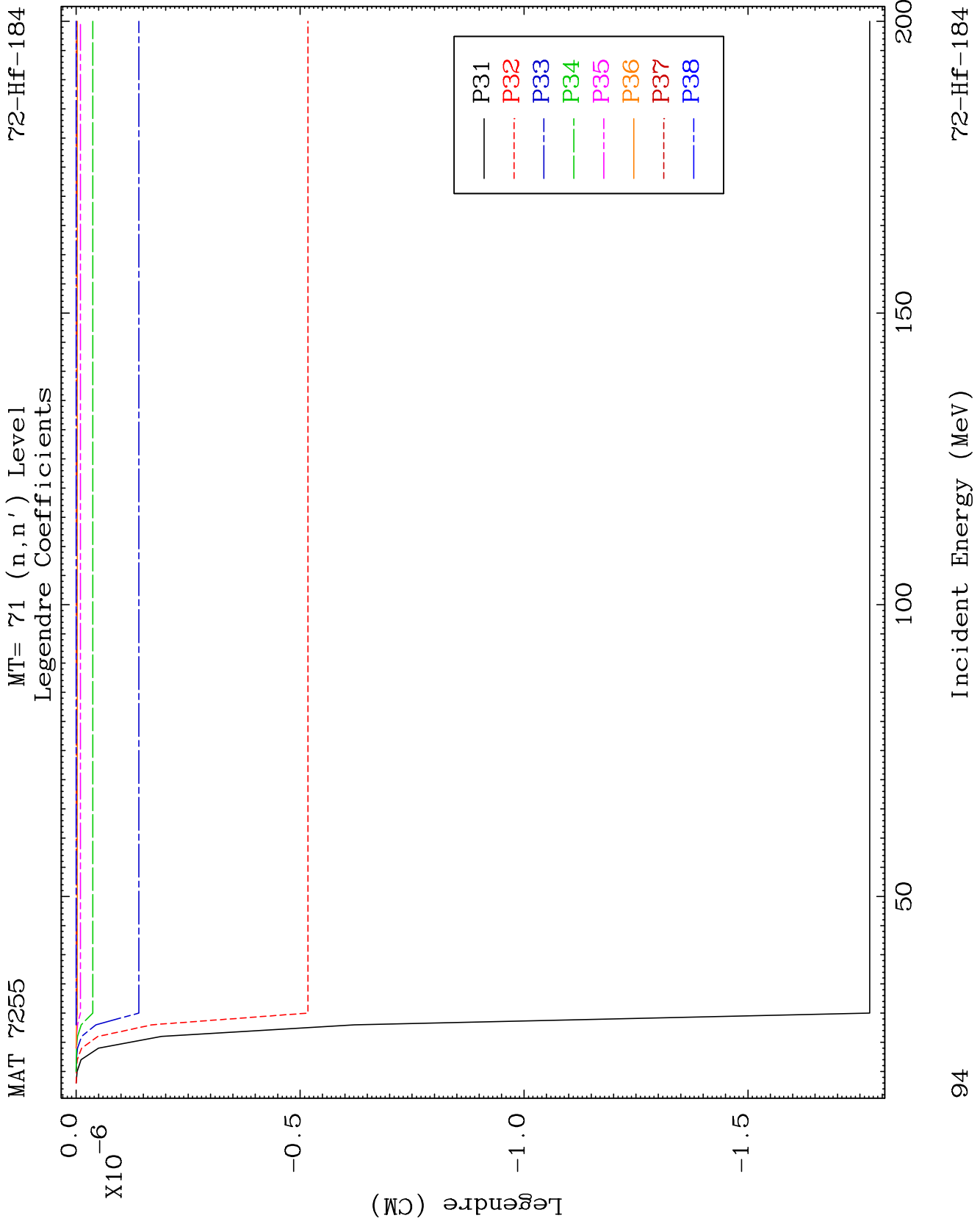


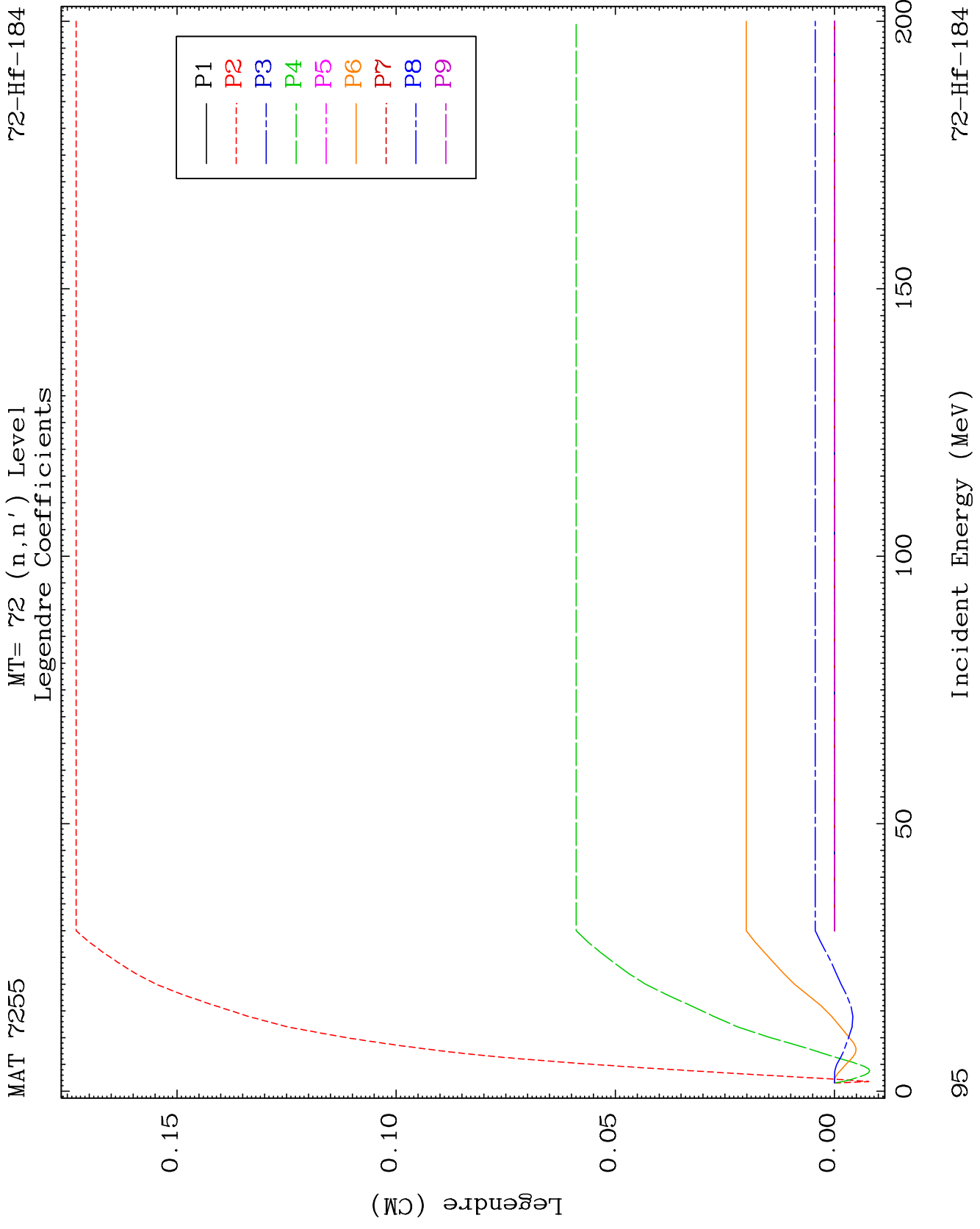
92

Incident Energy (MeV)

72-Hf-184





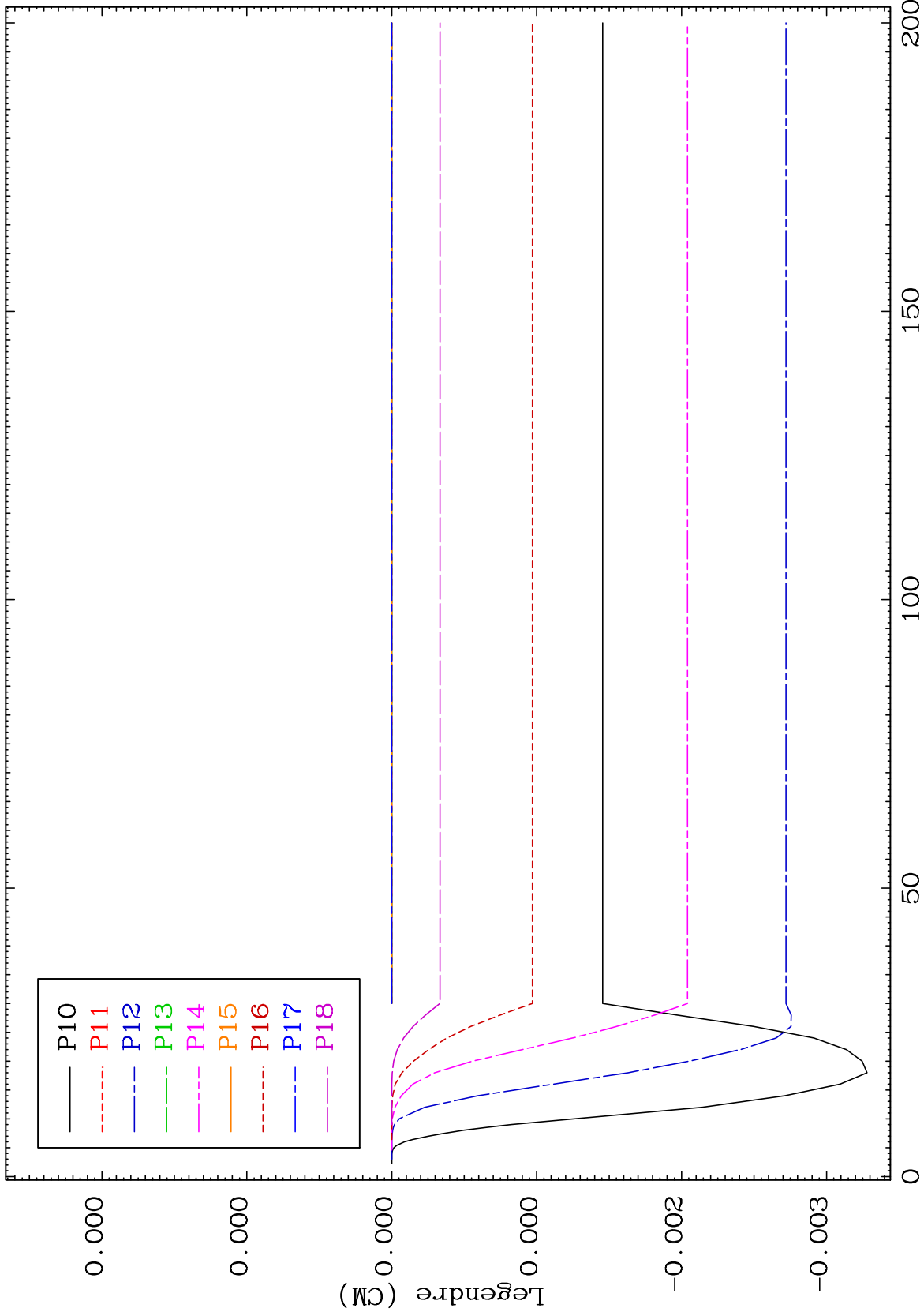




MAT 7255

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

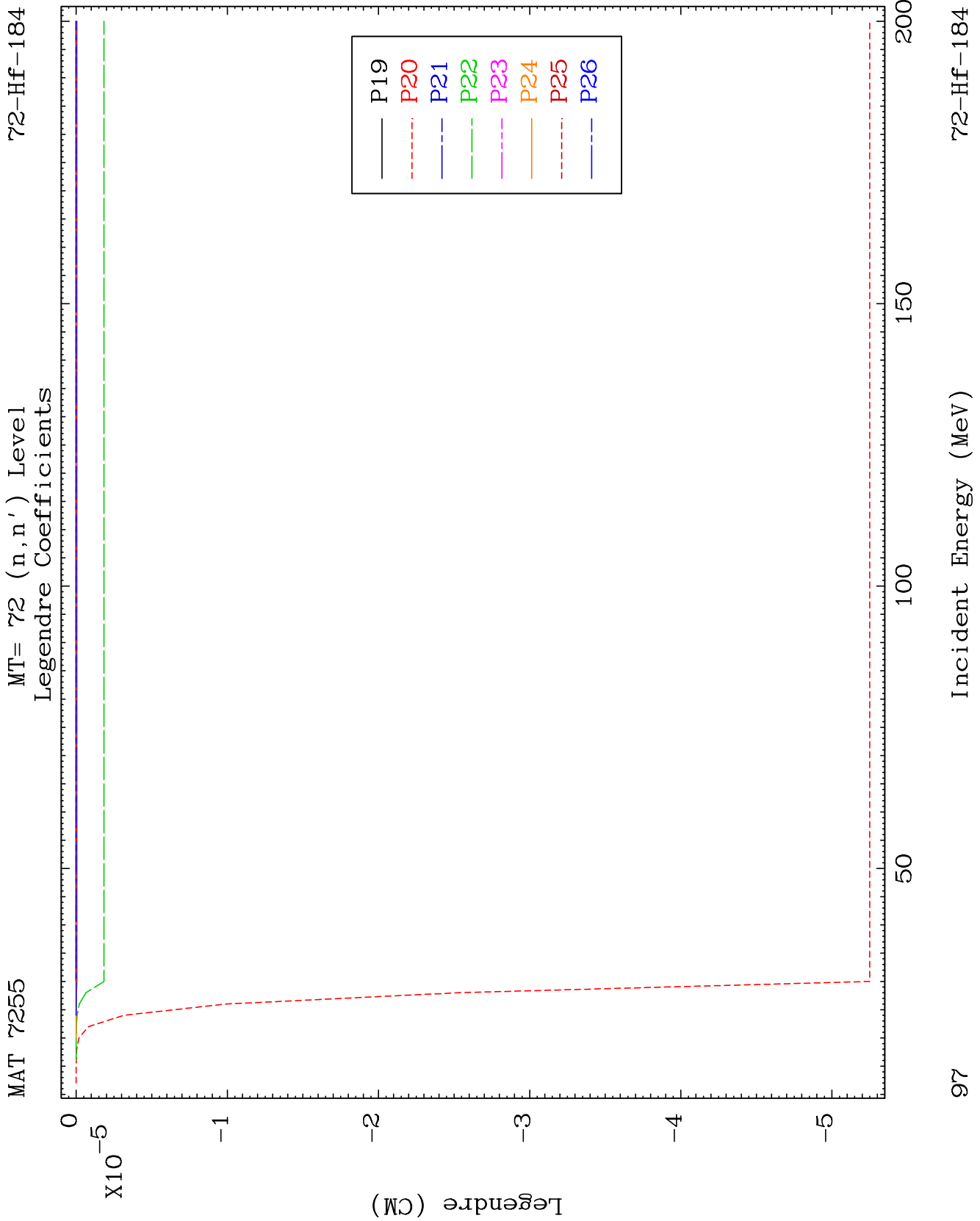
72-Hf-184



96

Incident Energy (MeV)

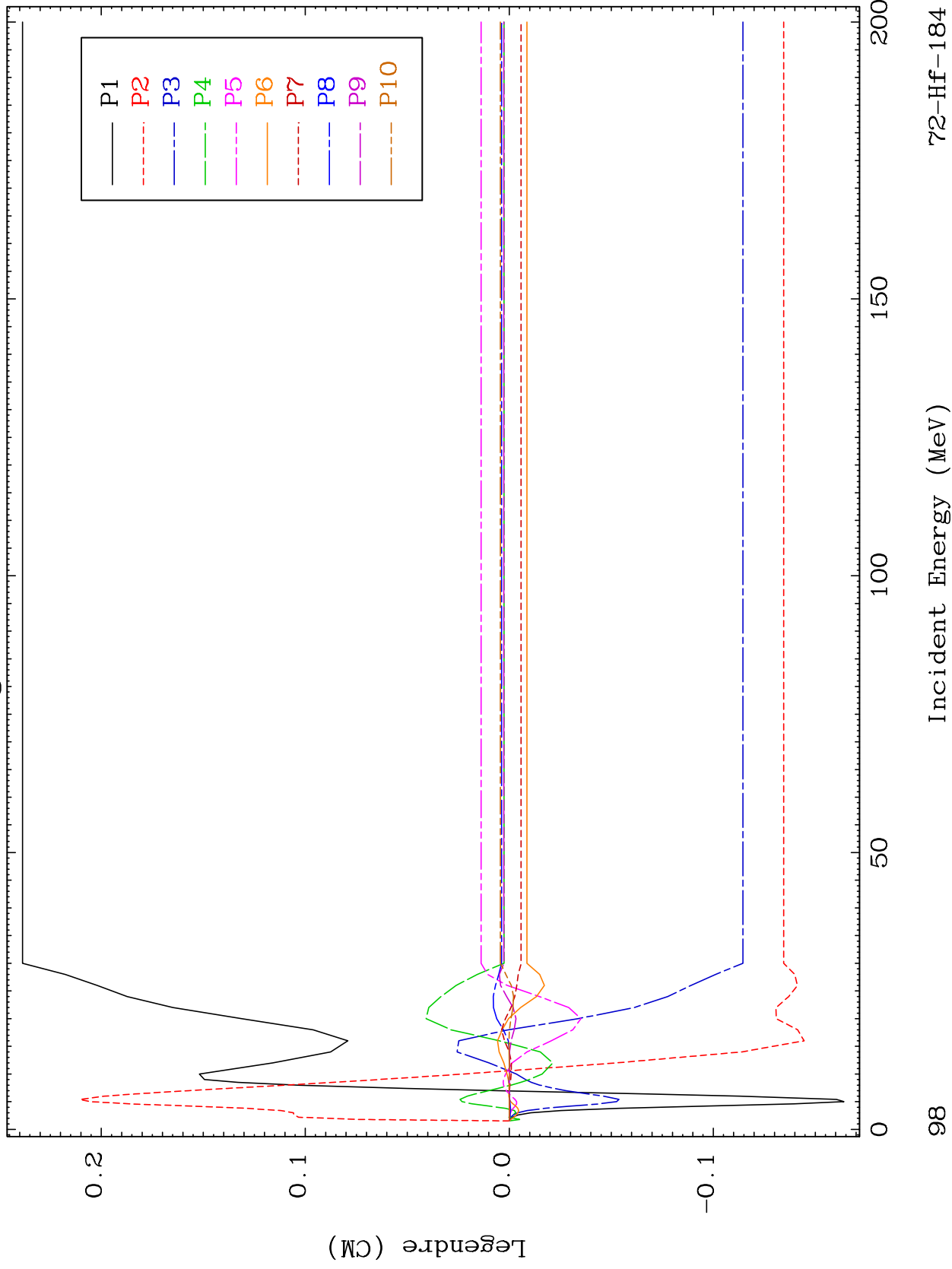
72-Hf-184



MAT 7255

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

72-Hf-184



72-Hf-184

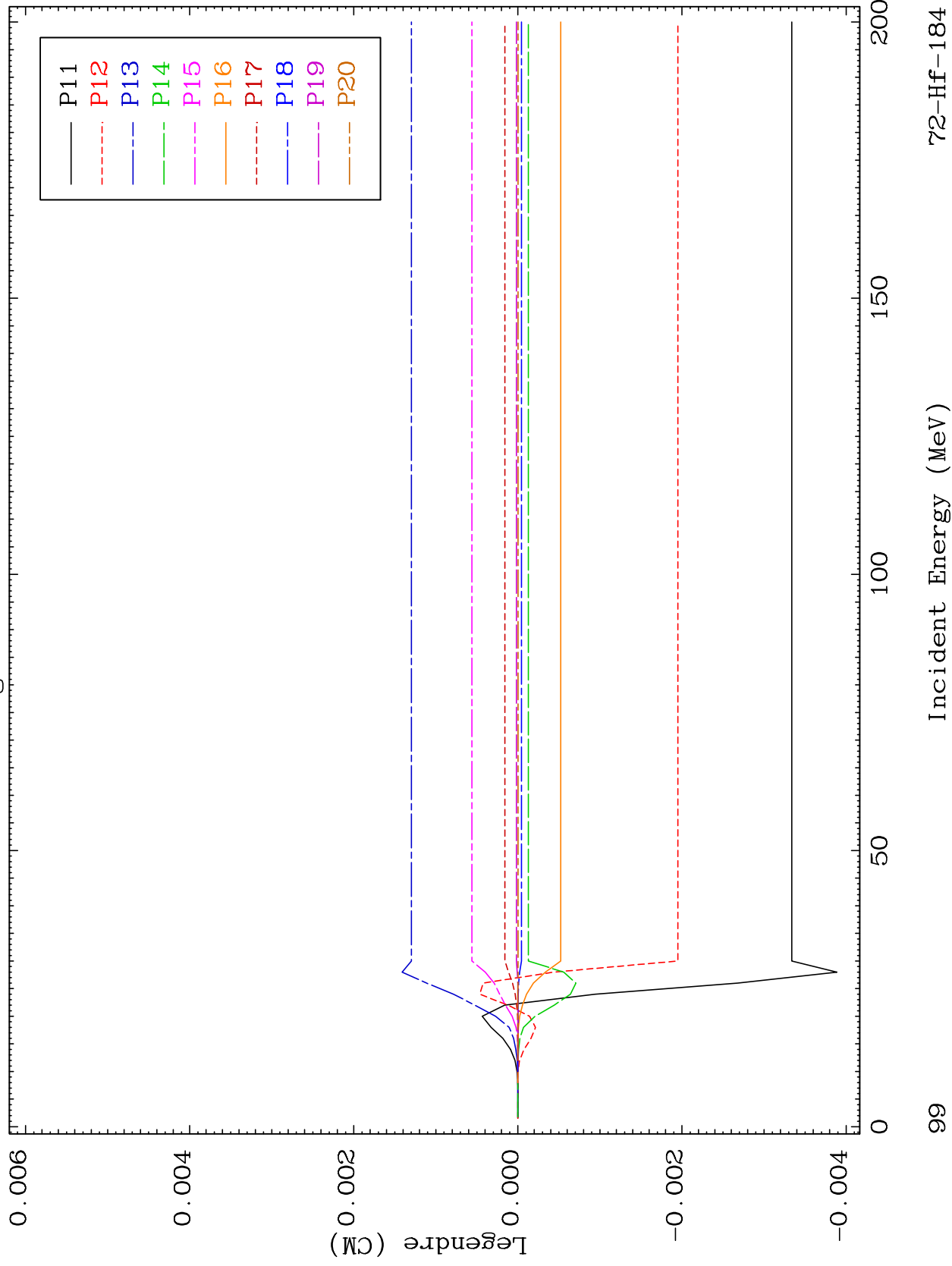
Incident Energy (MeV)

98

MAT 7255

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

72-Hf-184



99

Incident Energy (MeV)

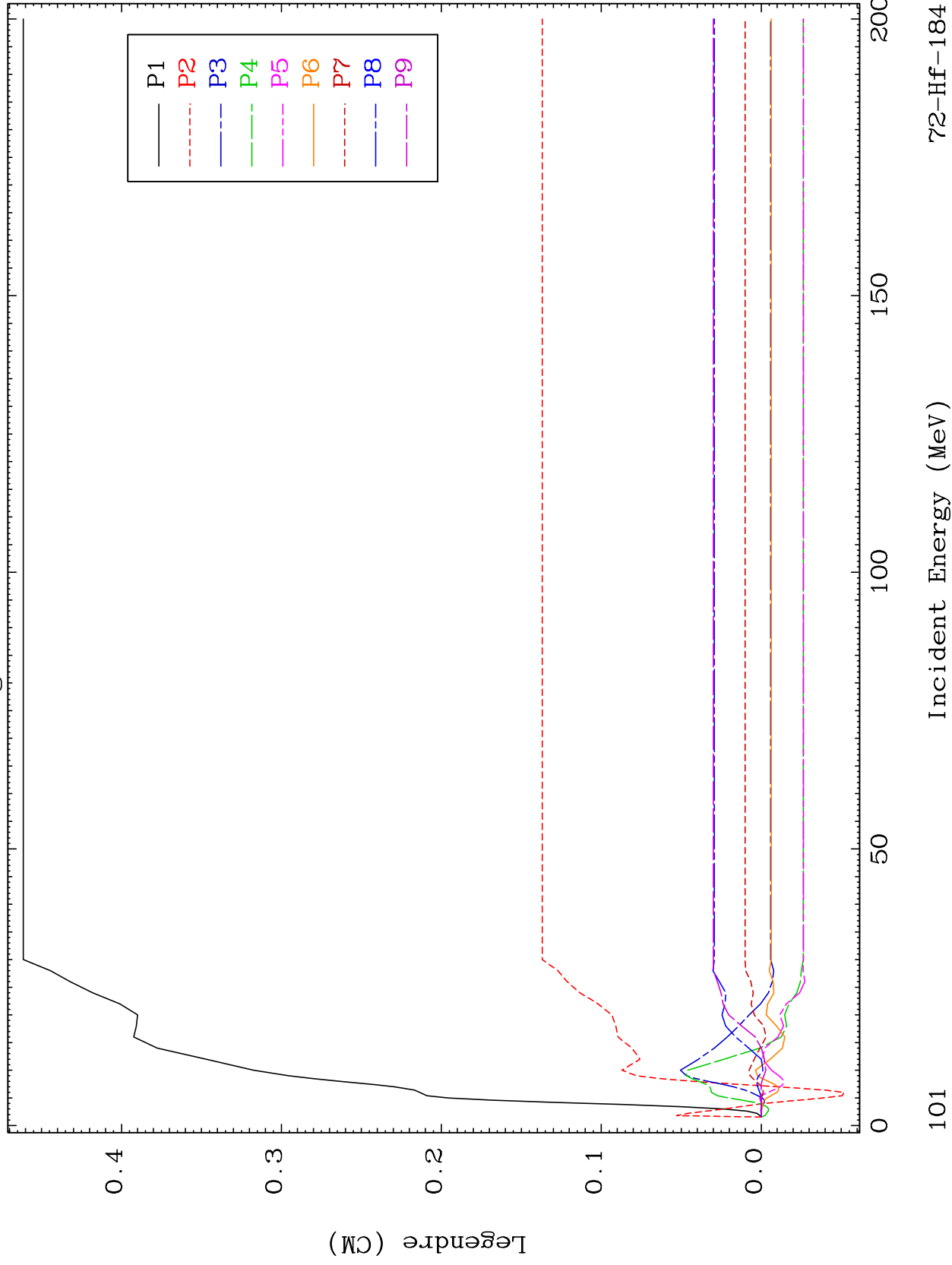
72-Hf-184



MAT 7255

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

72-Hf-184



72-Hf-184

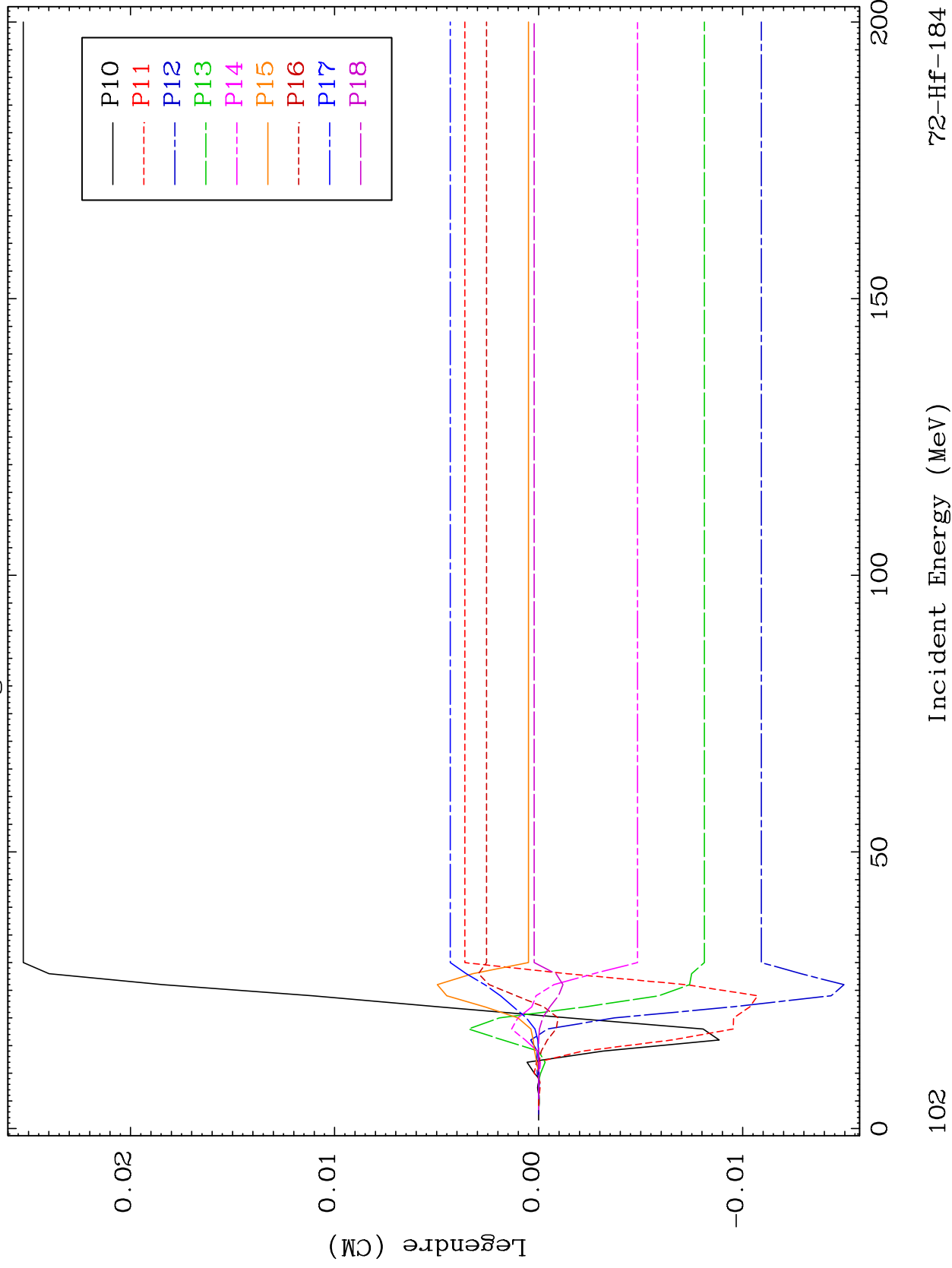
Incident Energy (MeV)

101

MAT 7255

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

72-Hf-184



72-Hf-184

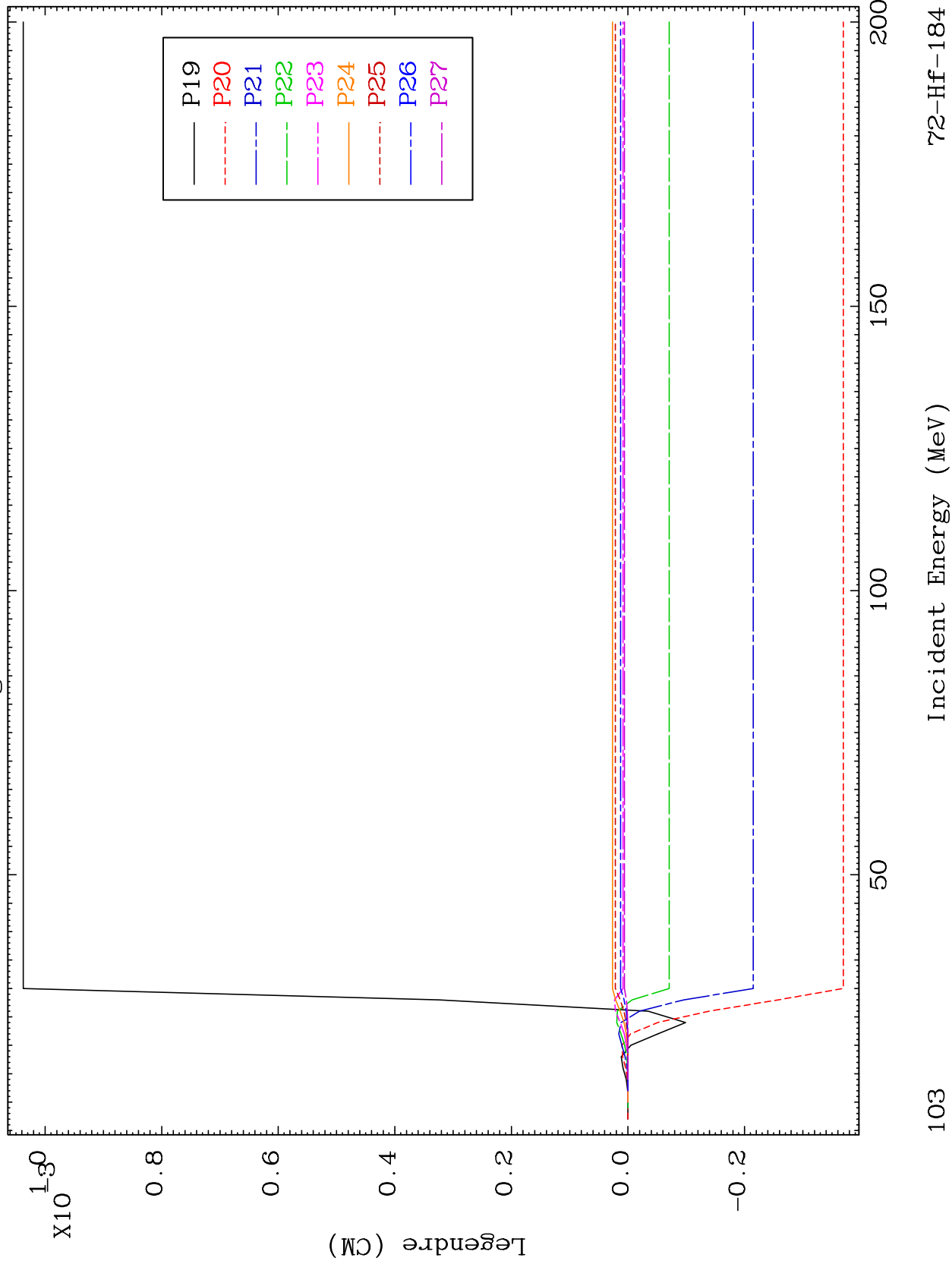
Incident Energy (MeV)

102

MAT 7255

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

72-Hf-184



103

Incident Energy (MeV)

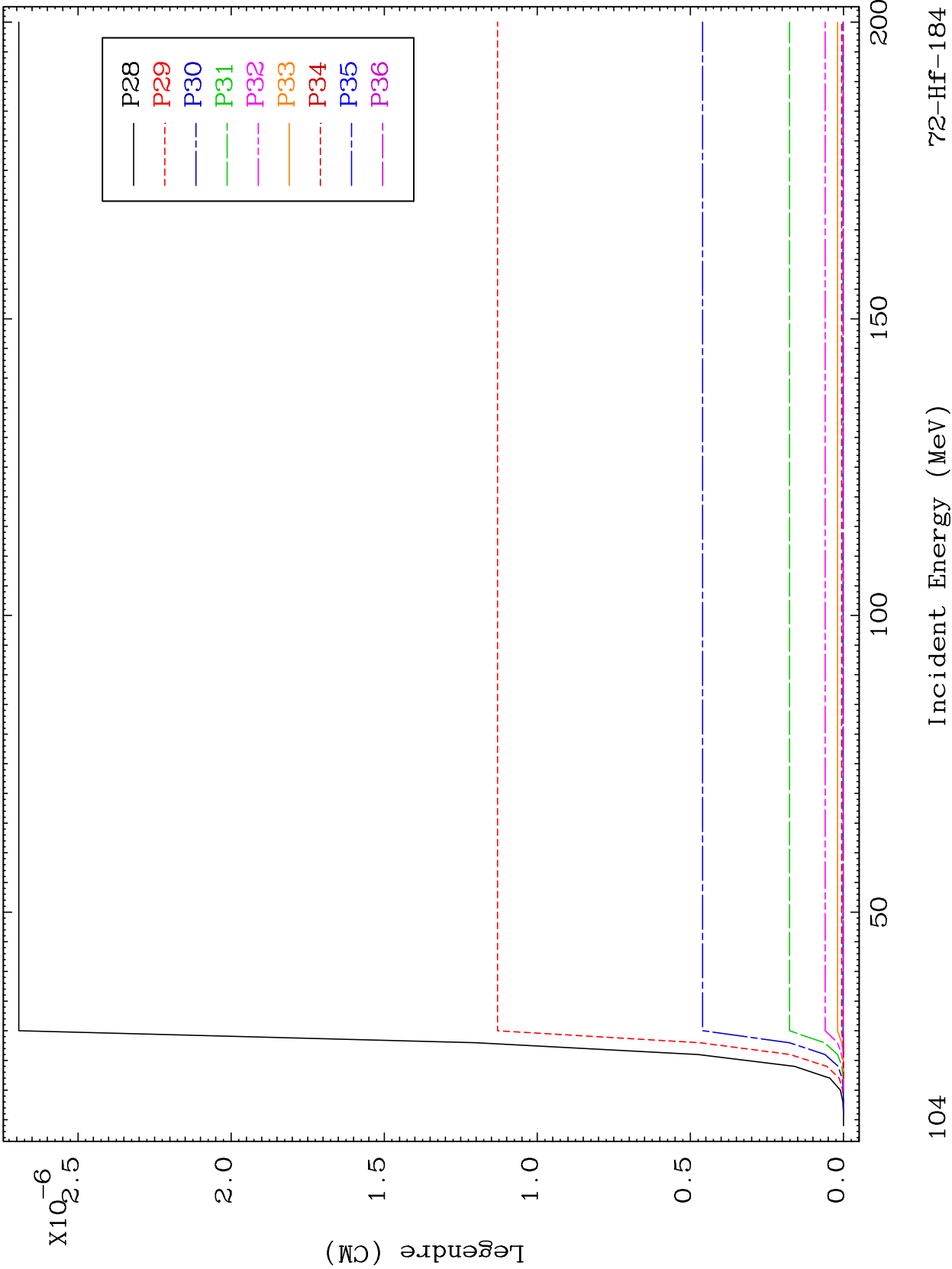
72-Hf-184



MAT 7255

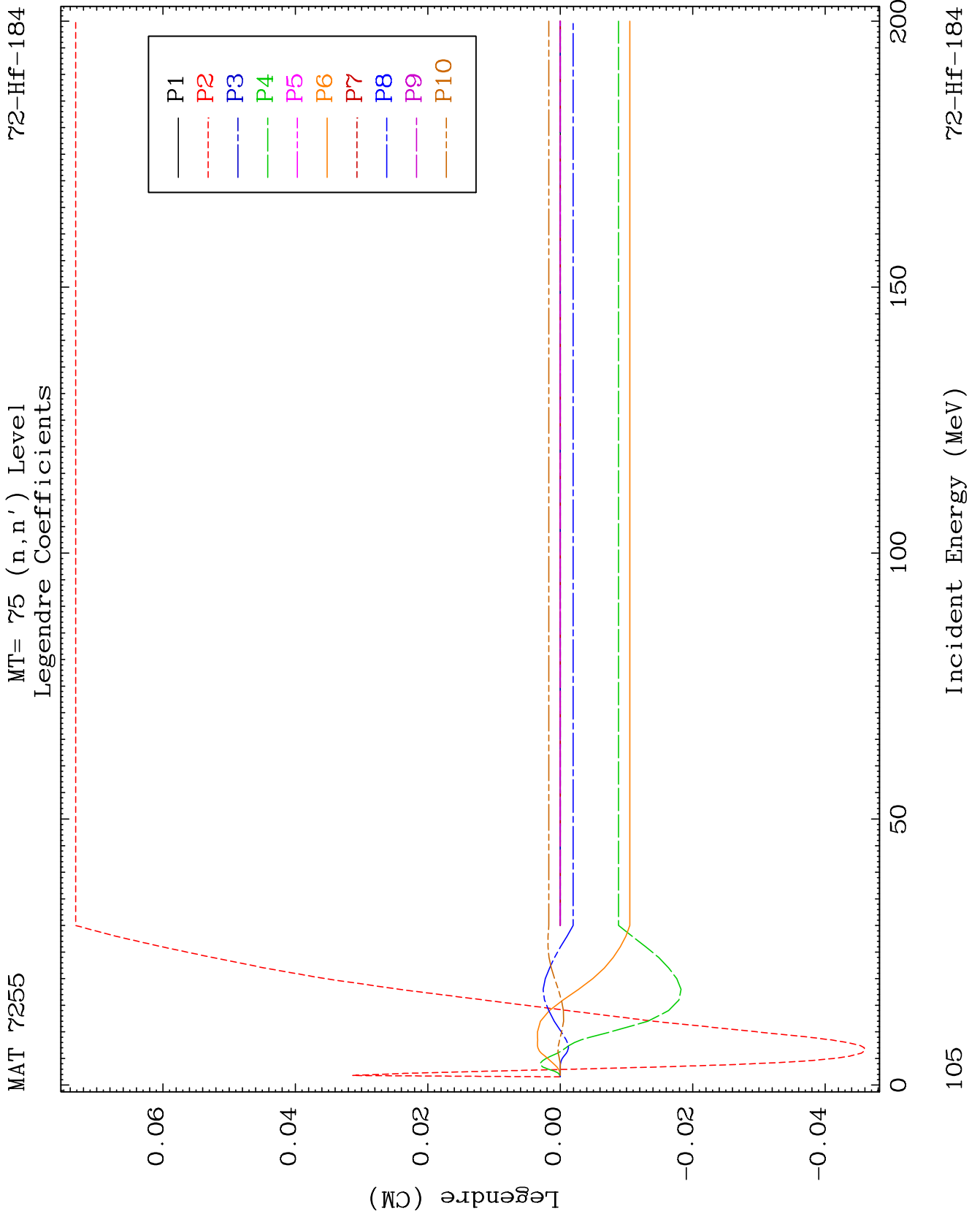
MT= 74 (n,n') Level  
Legendre Coefficients

72-Hf-184



104

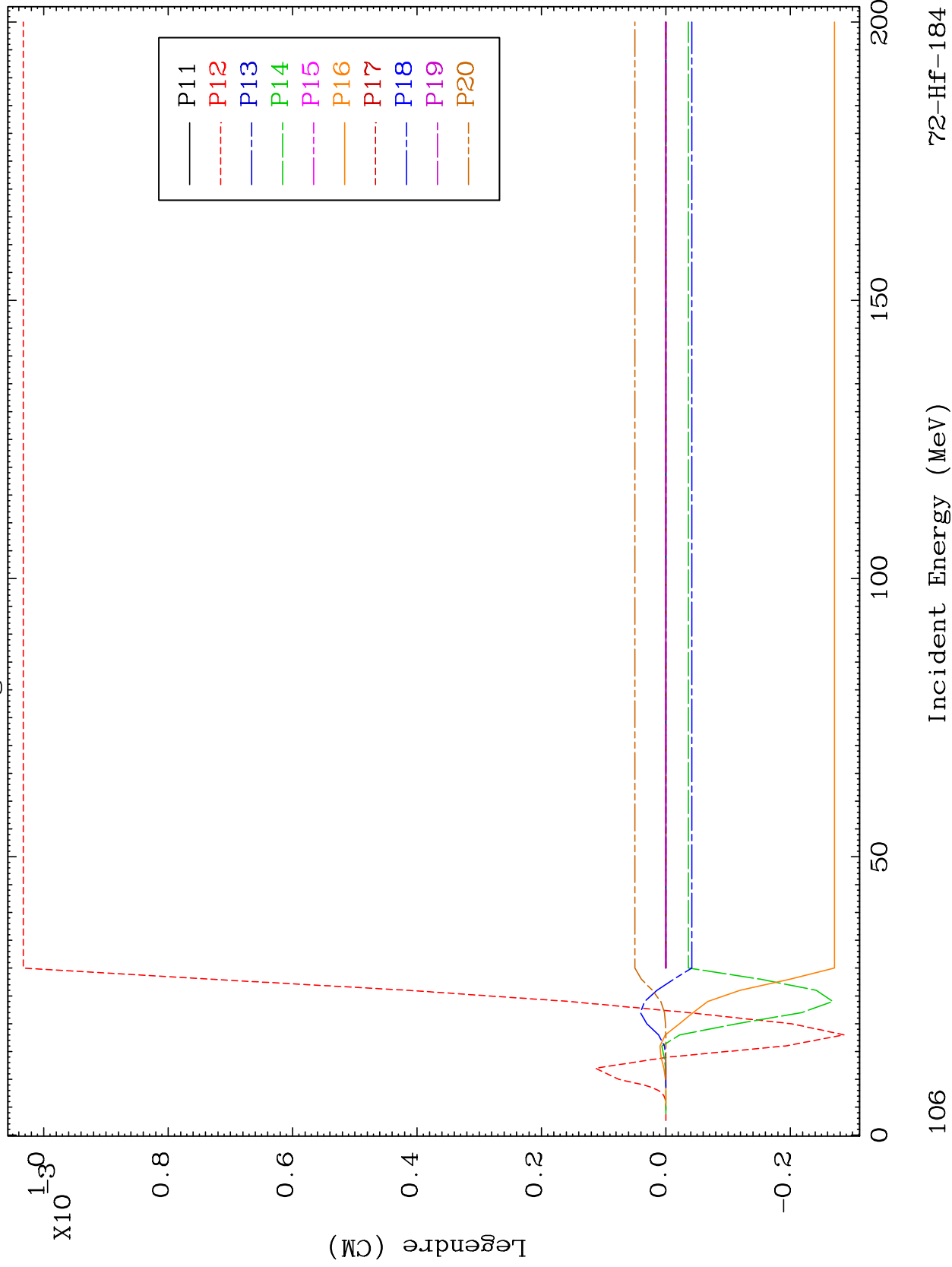
72-Hf-184



MAT 7255

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

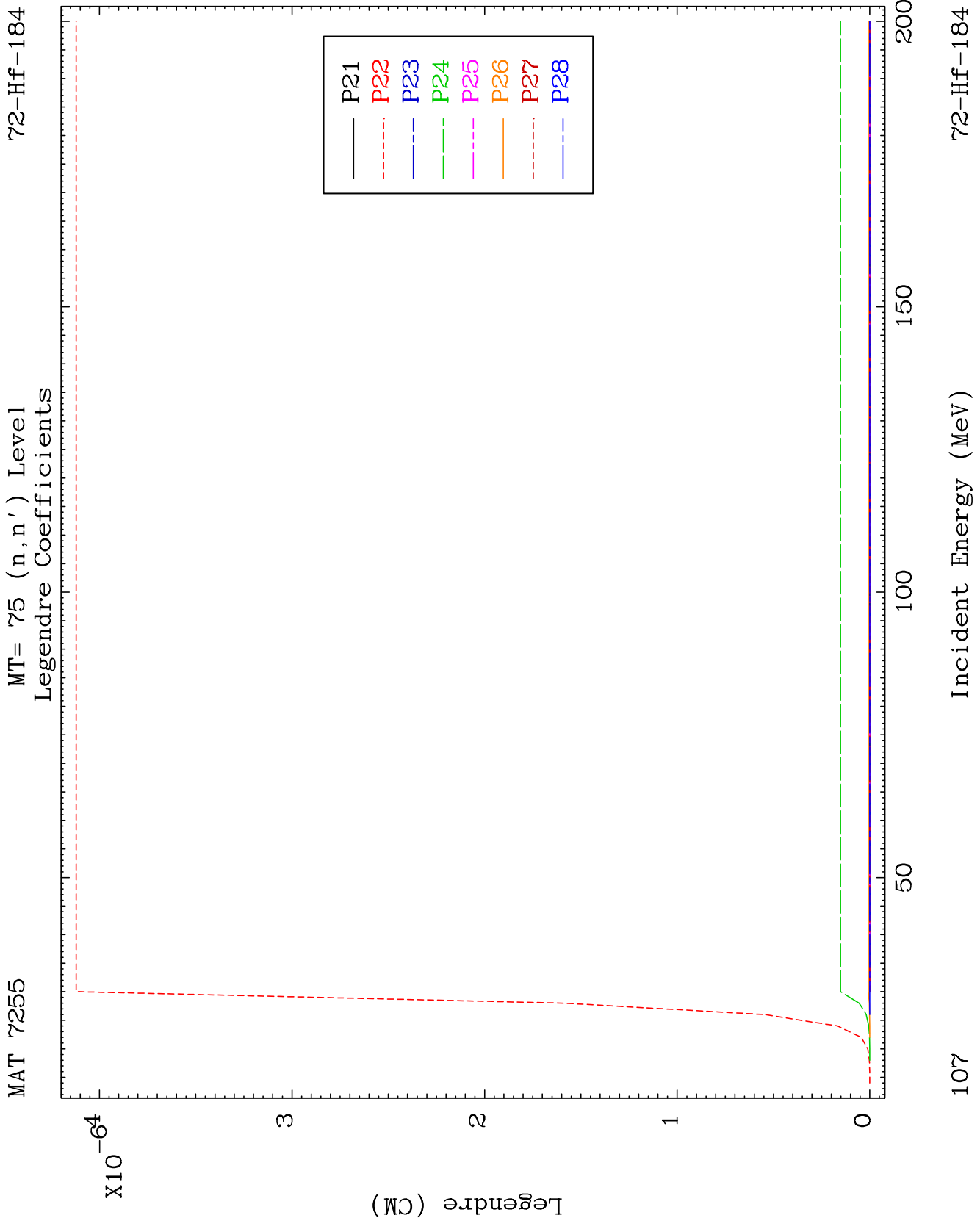
72-Hf-184



72-Hf-184

Incident Energy (MeV)

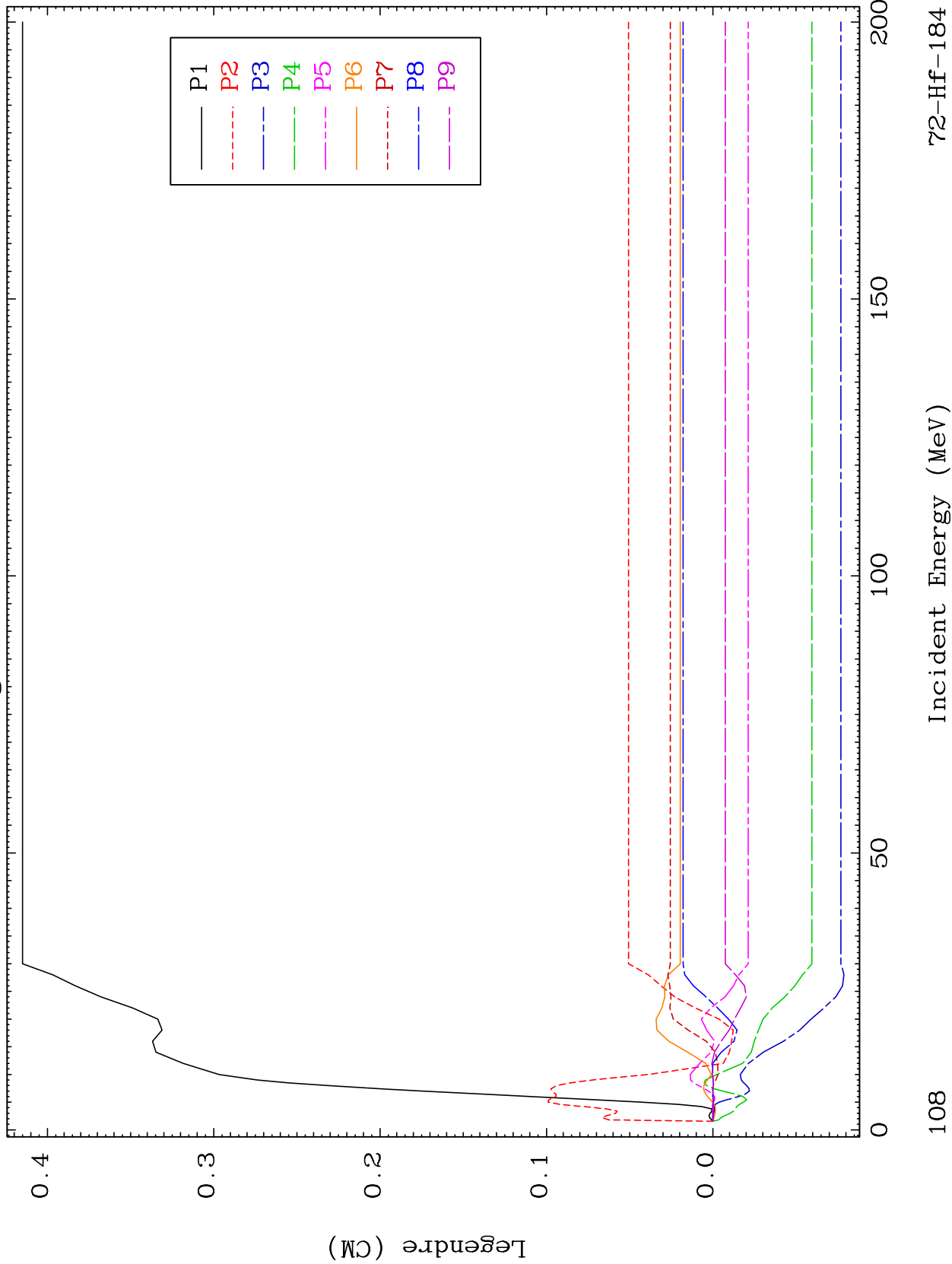
106



MAT 7255

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

72-Hf-184



108

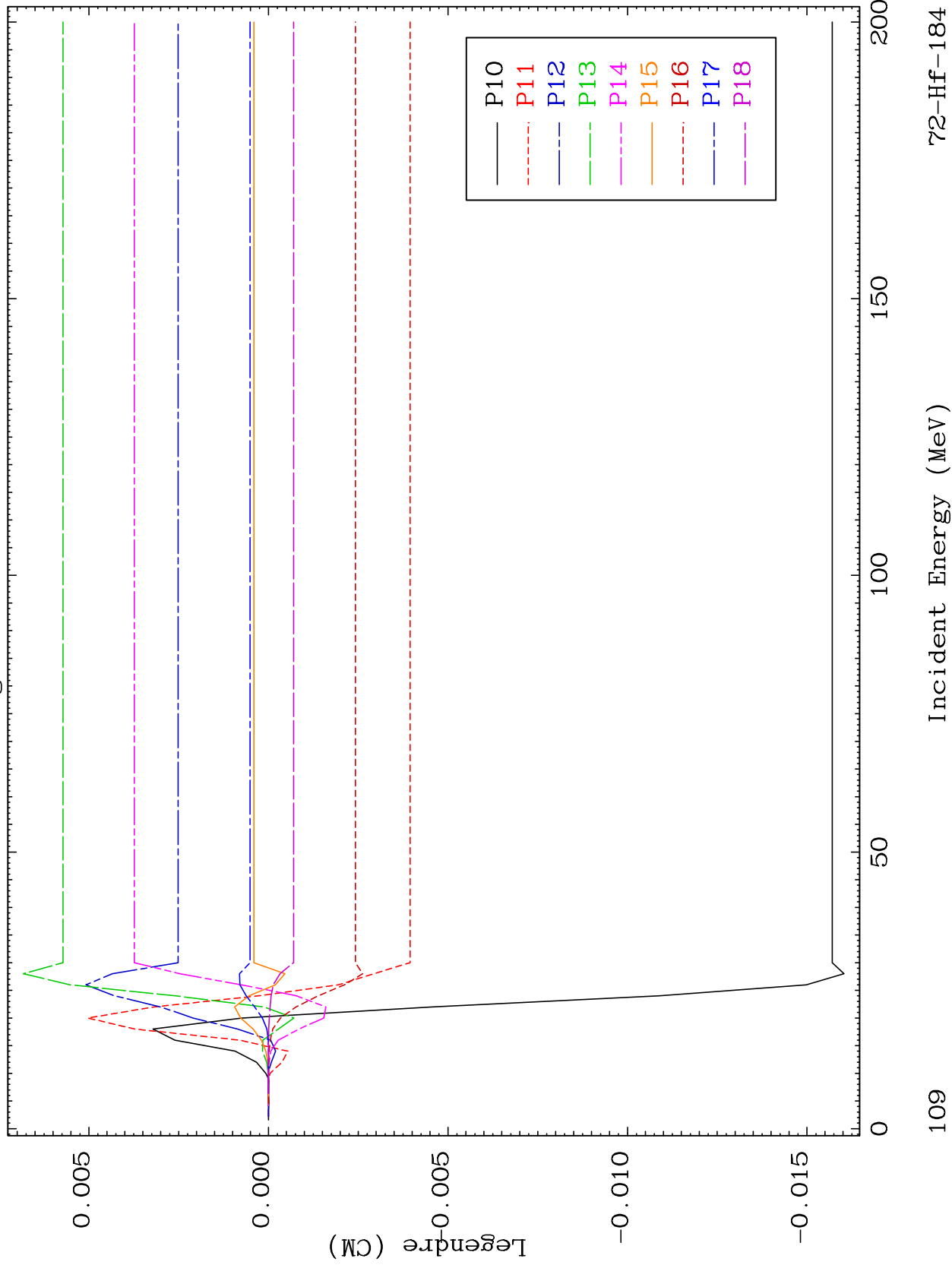
Incident Energy (MeV)

72-Hf-184

MAT 7255

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

72-Hf-184



72-Hf-184

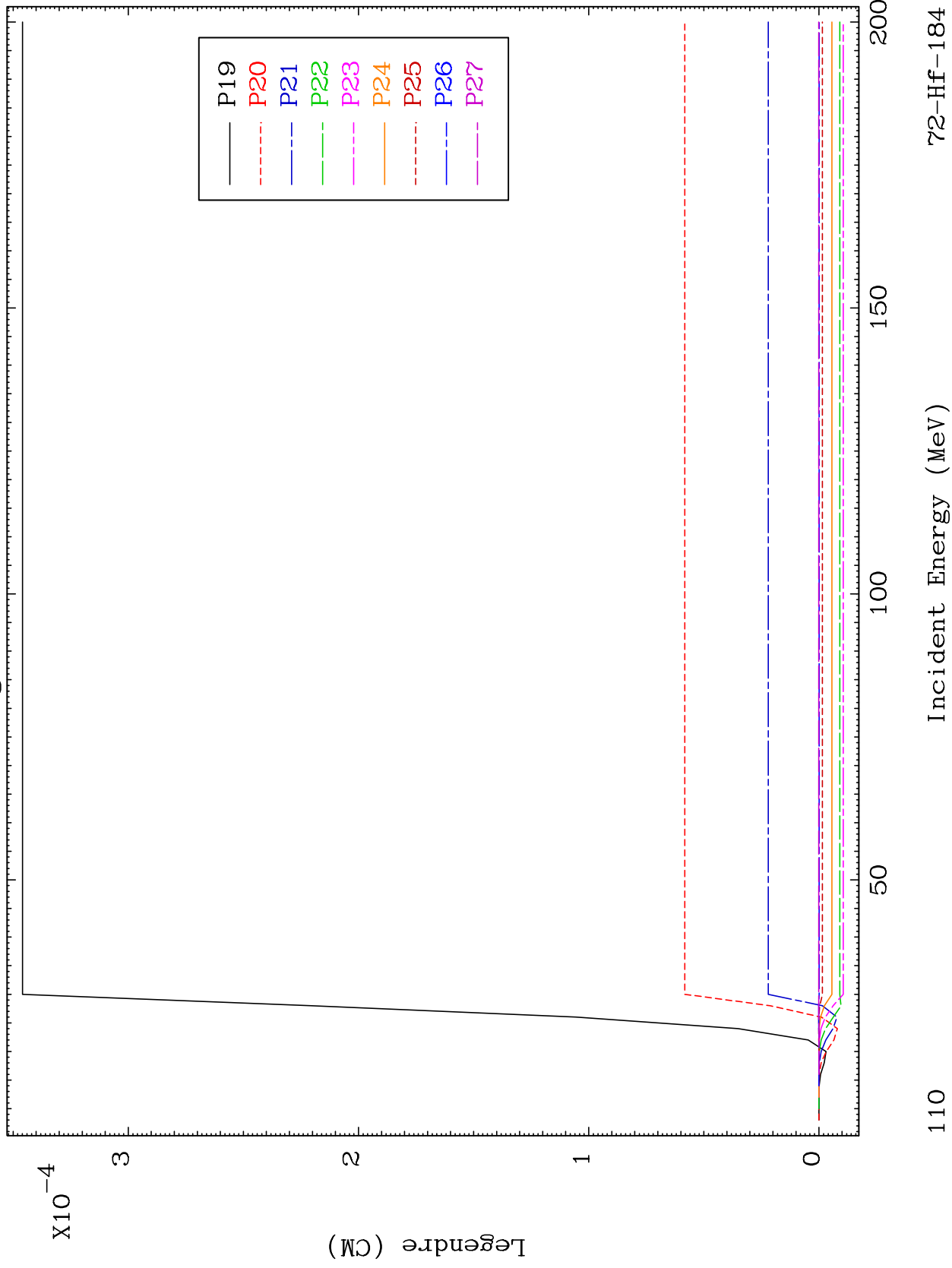
Incident Energy (MeV)

109

MAT 7255

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

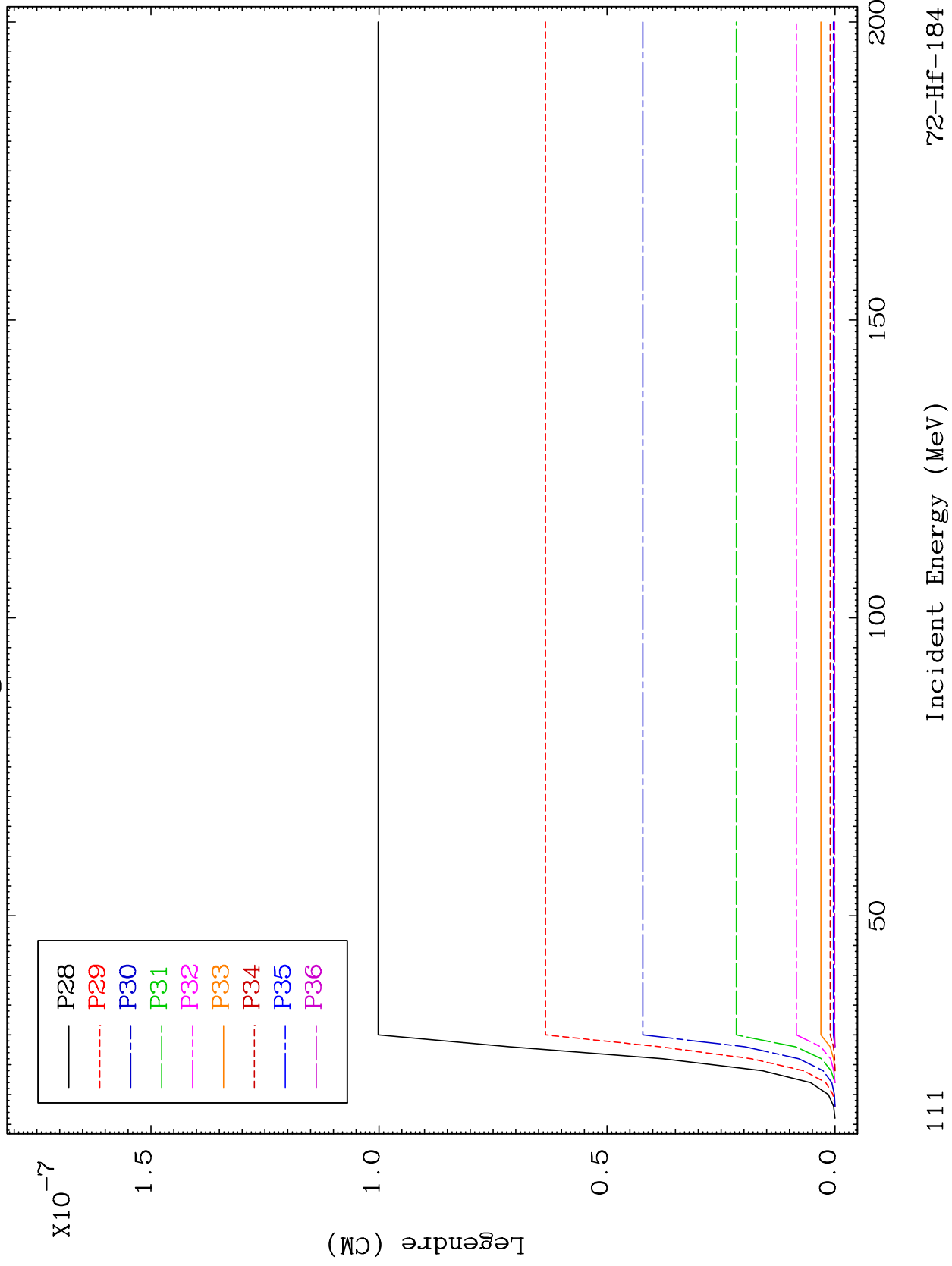
72-Hf-184



MAT 7255

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

72-Hf-184



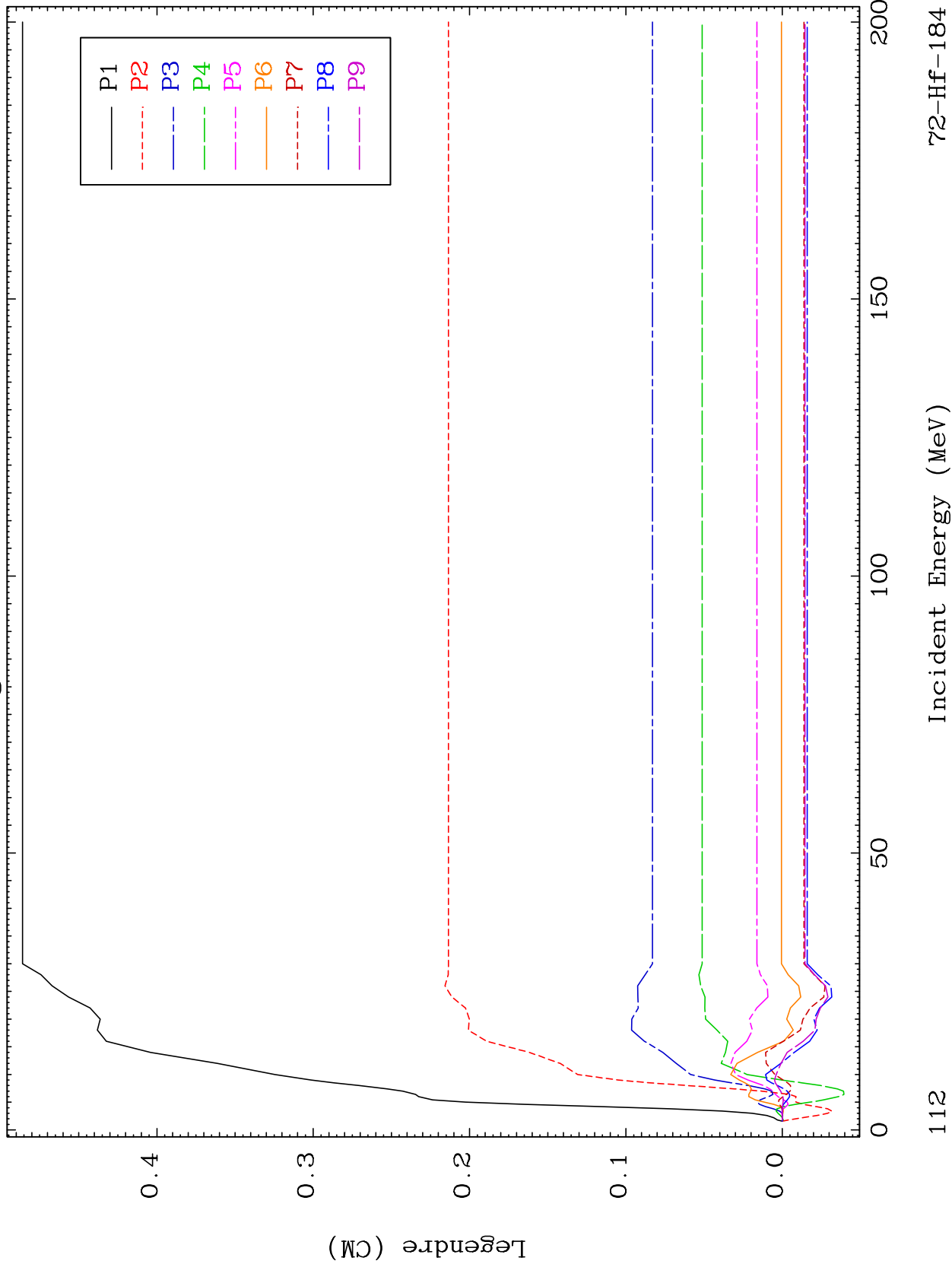
111



MAT 7255

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

72-Hf-184



72-Hf-184

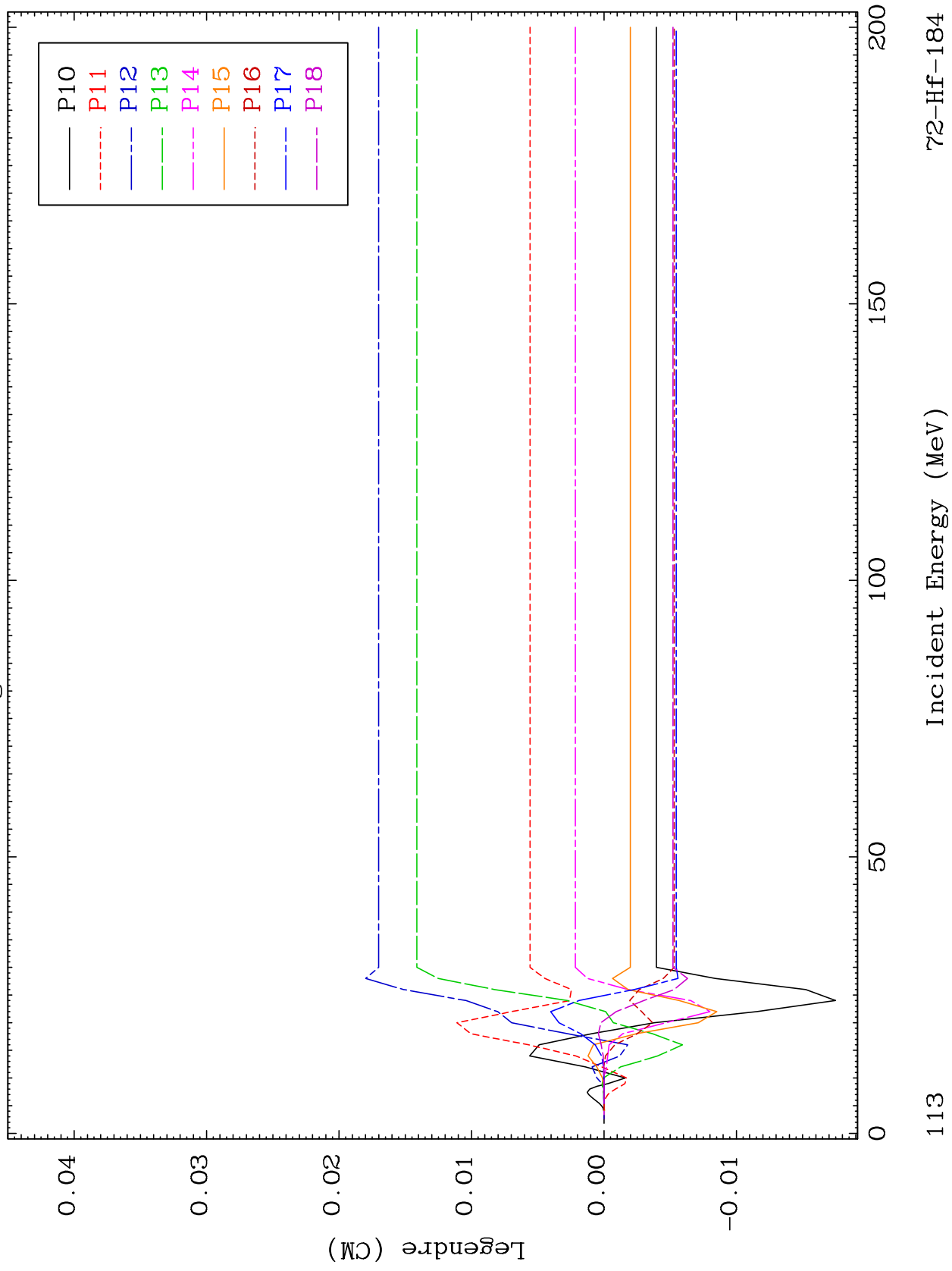
Incident Energy (MeV)

112

MAT 7255

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

72-Hf-184



72-Hf-184

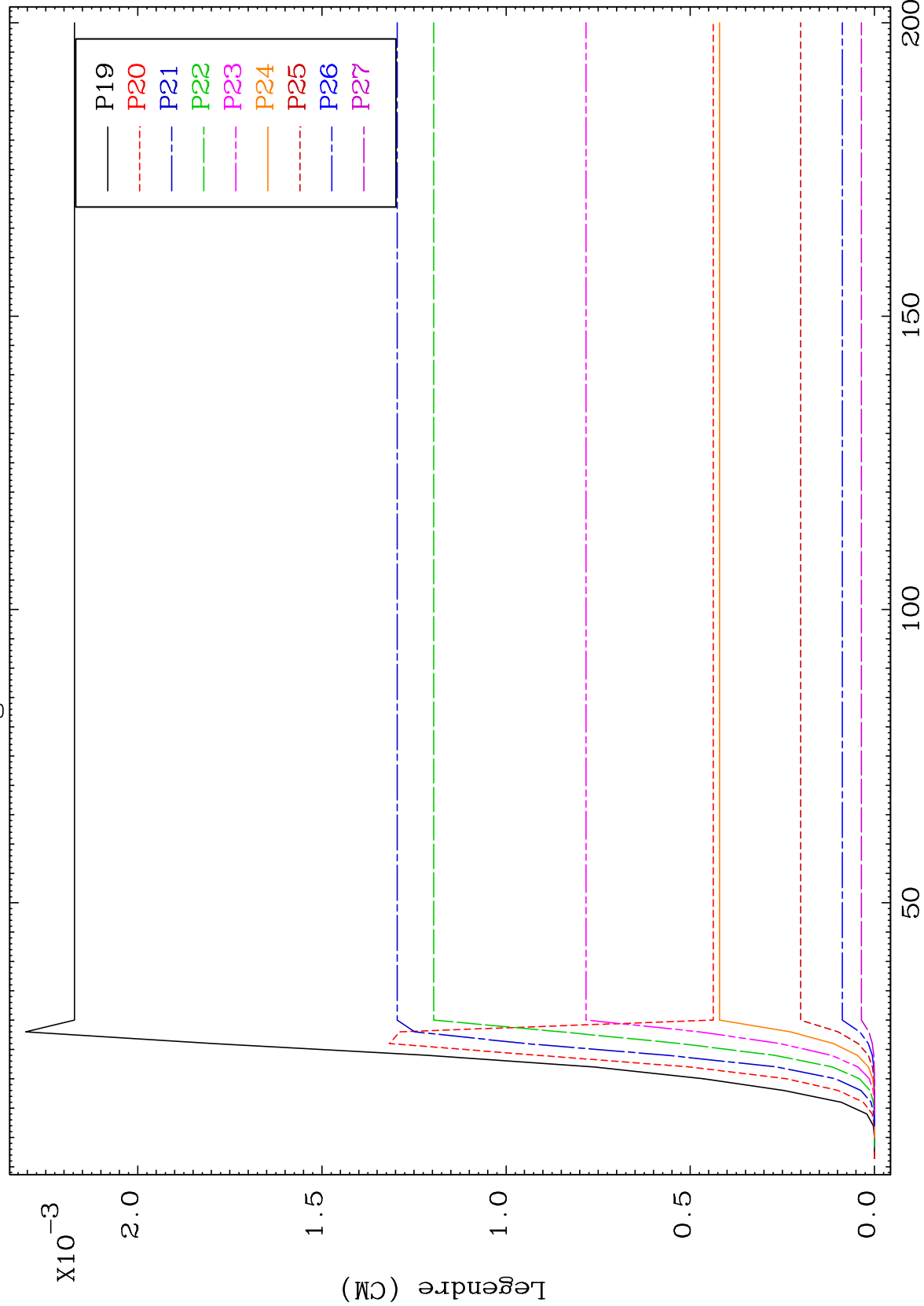
Incident Energy (MeV)

113

MAT 7255

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

72-Hf-184



114

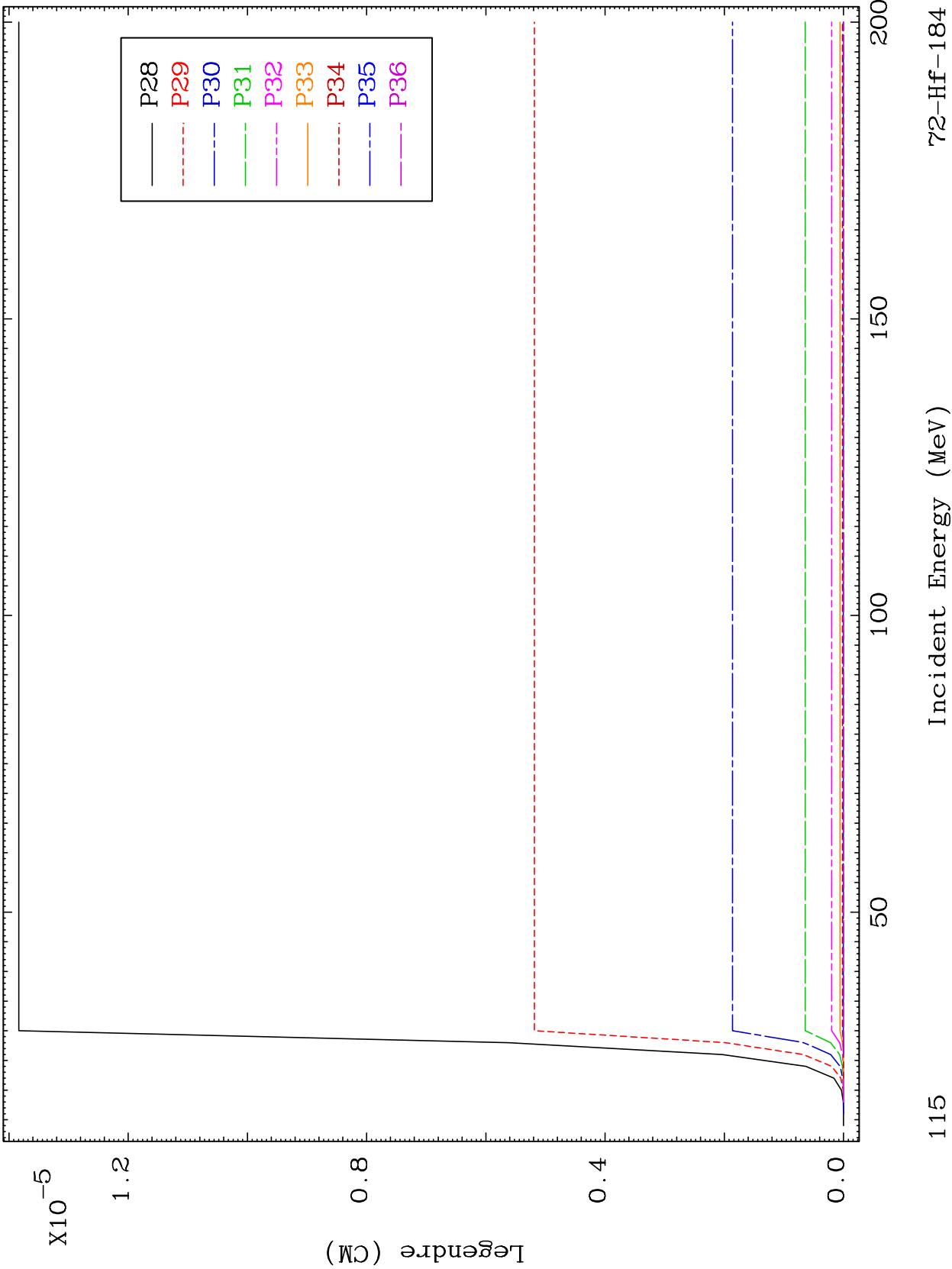
Incident Energy (MeV)

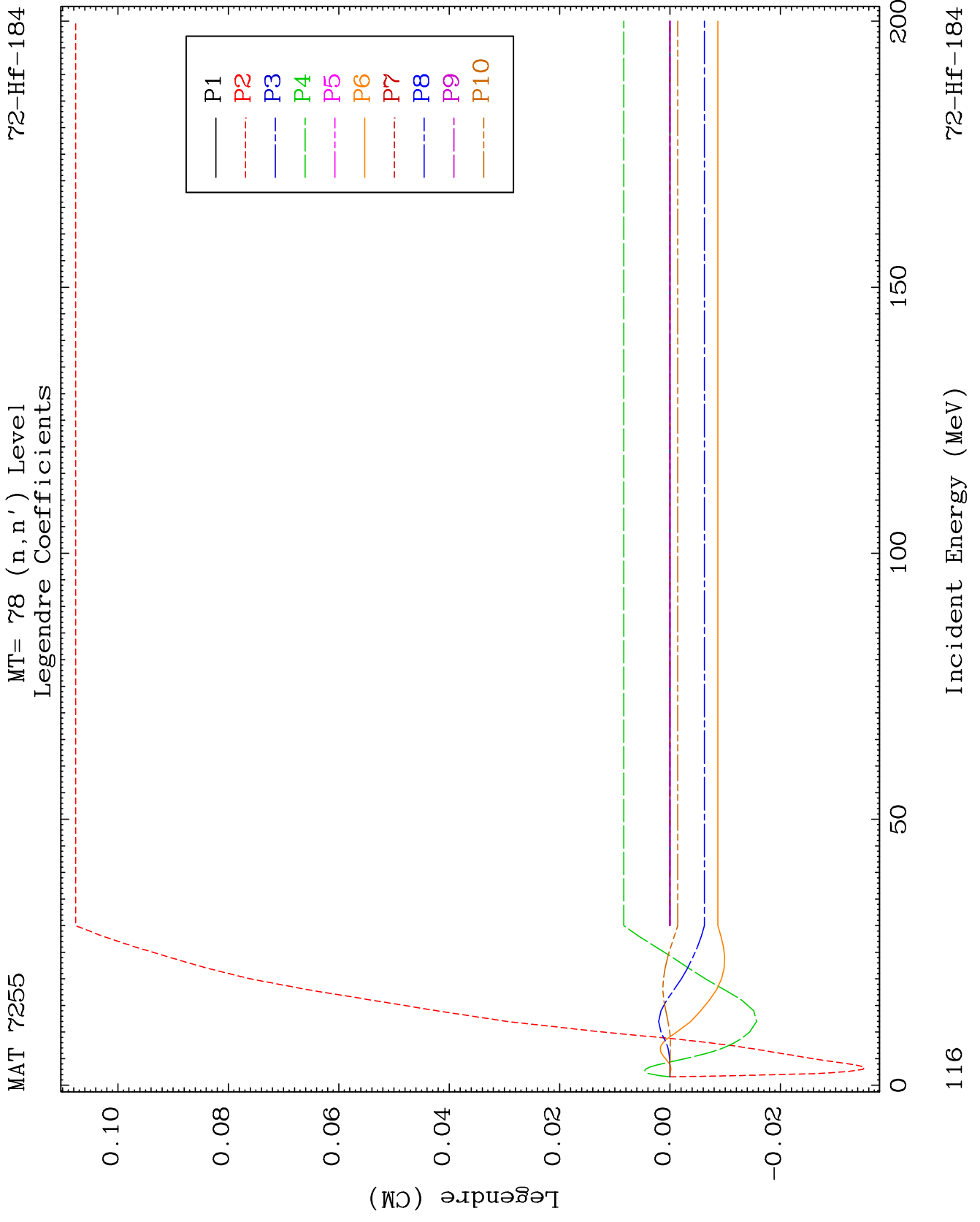
72-Hf-184

MAT 7255

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

72-Hf-184

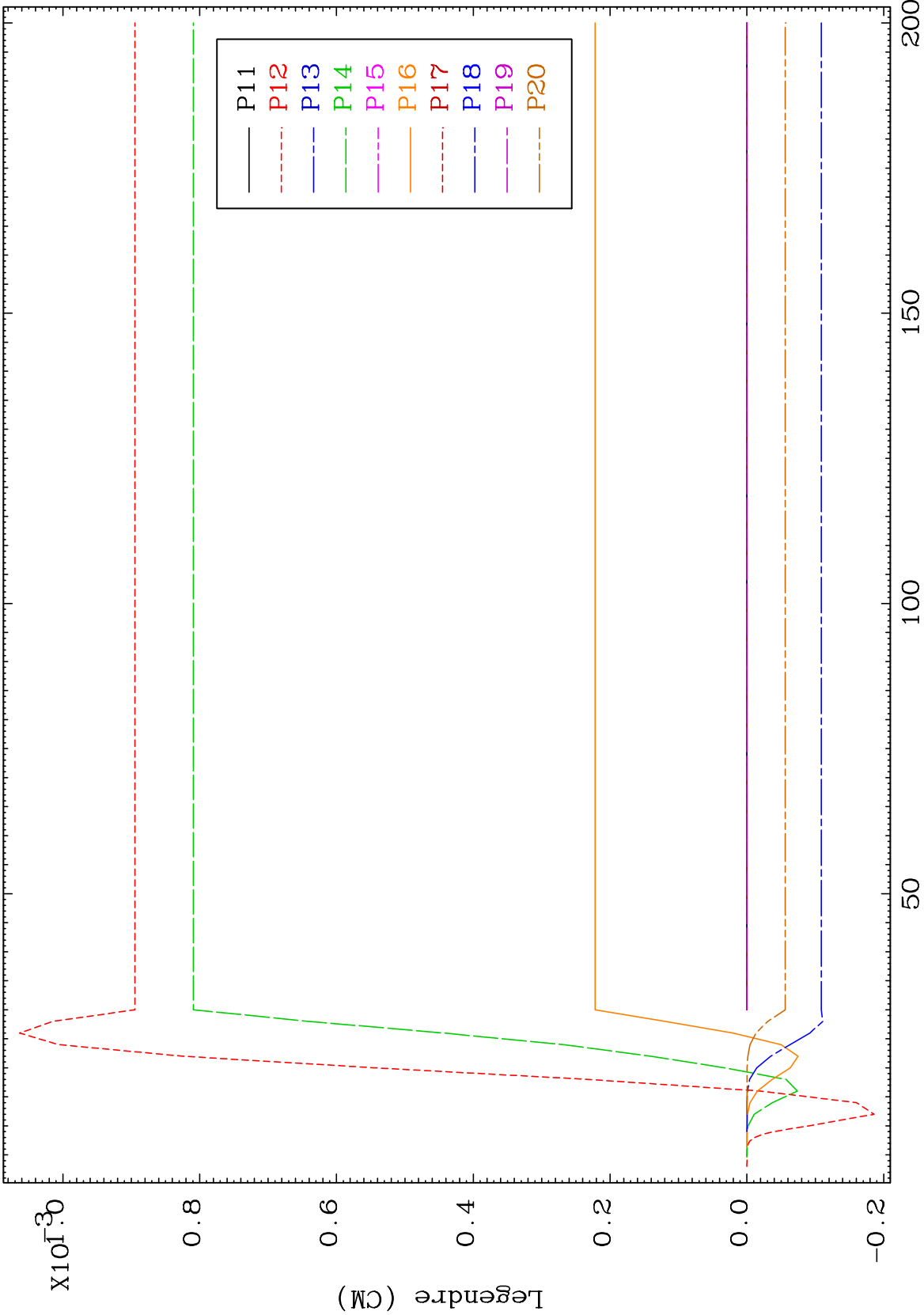




MAT 7255

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

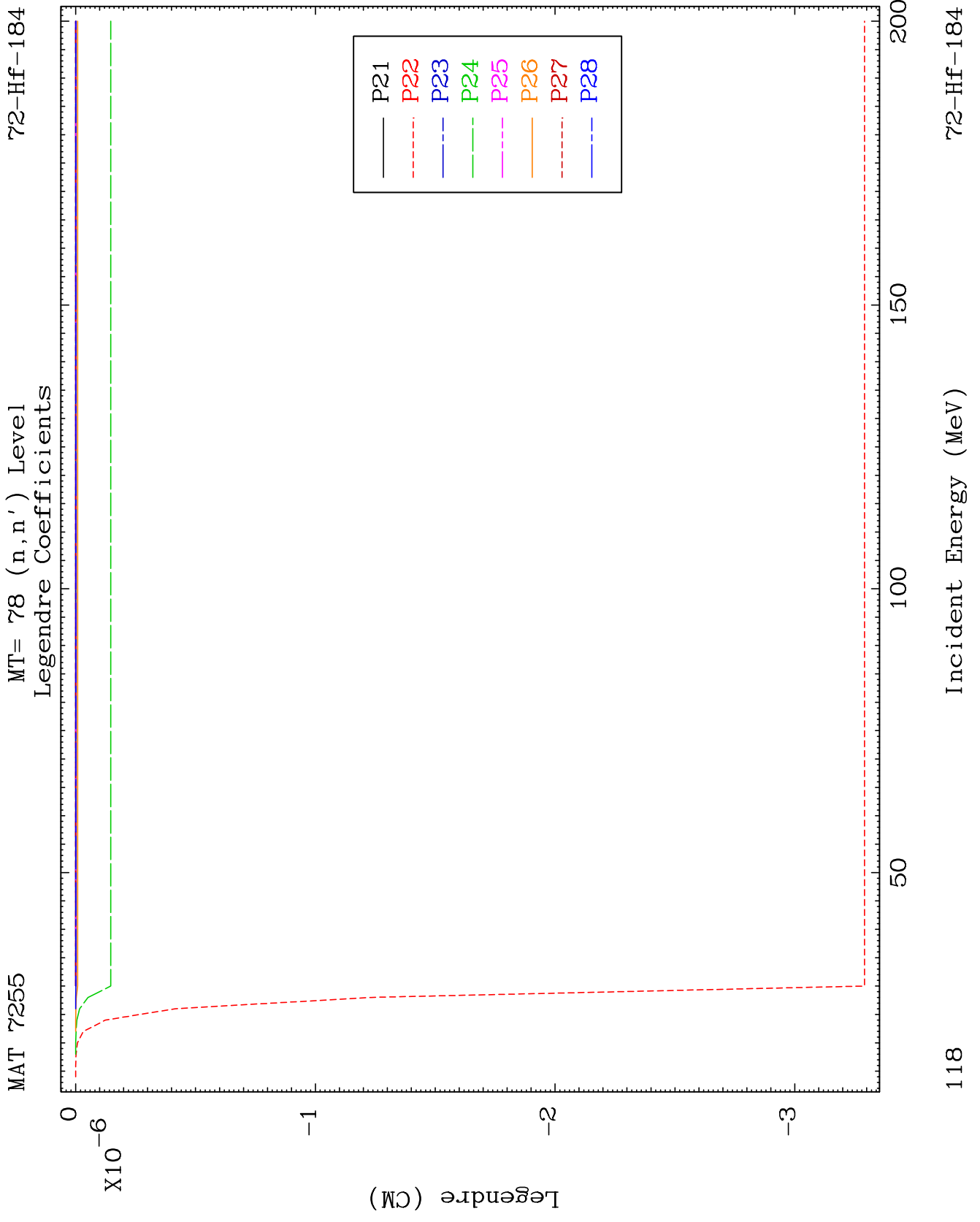
72-Hf-184



117

Incident Energy (MeV)

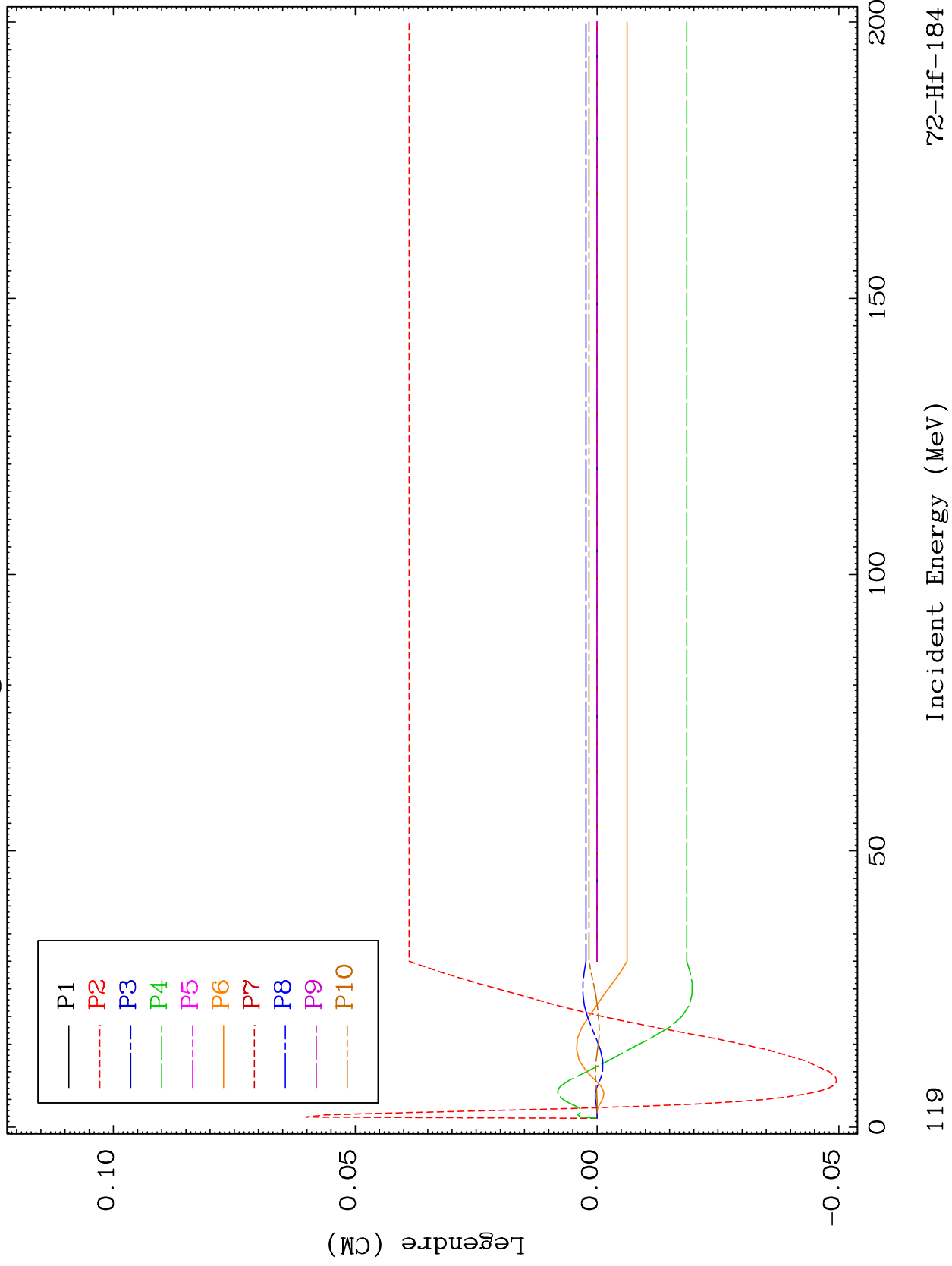
72-Hf-184



MAT 7255

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

72-Hf-184

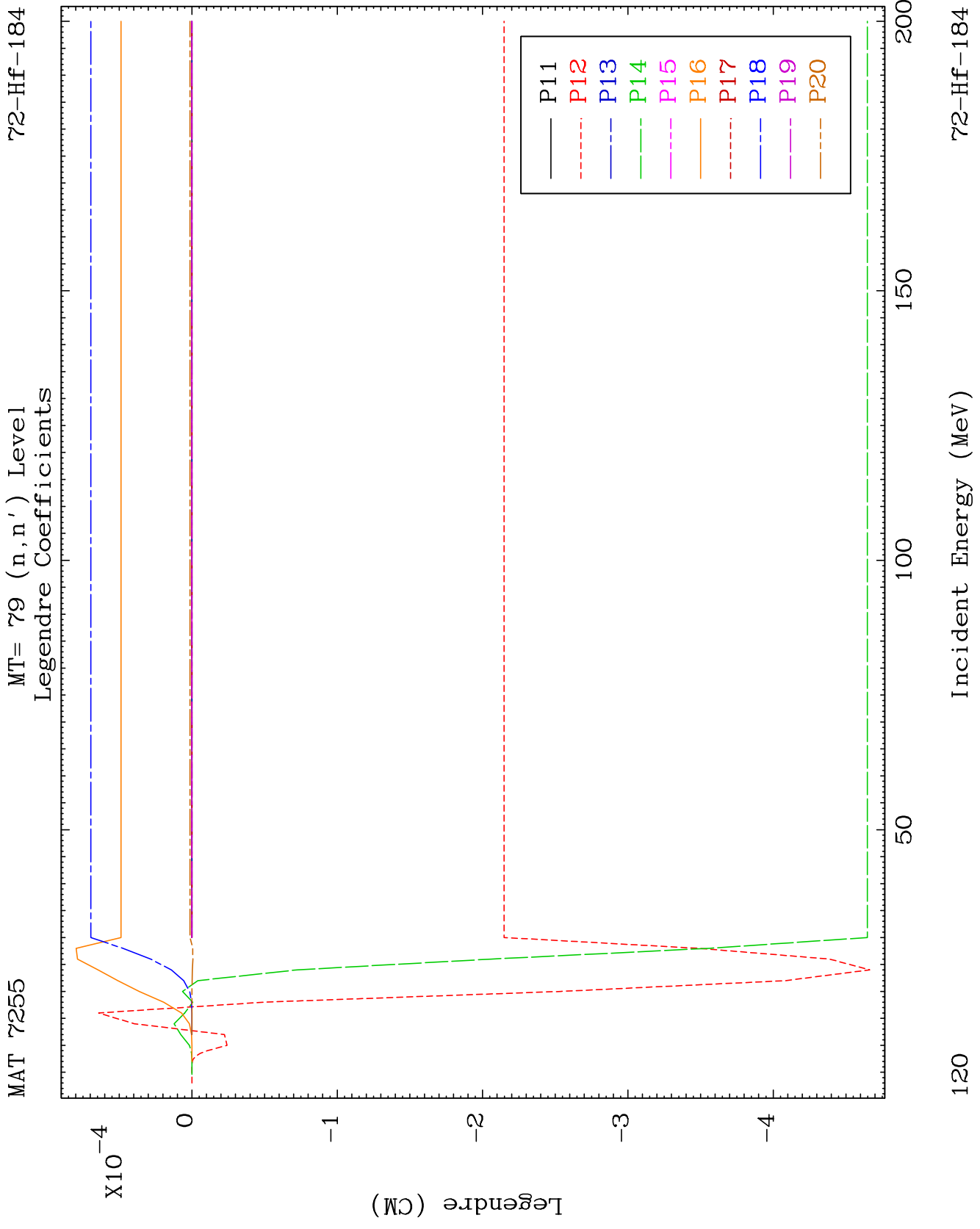


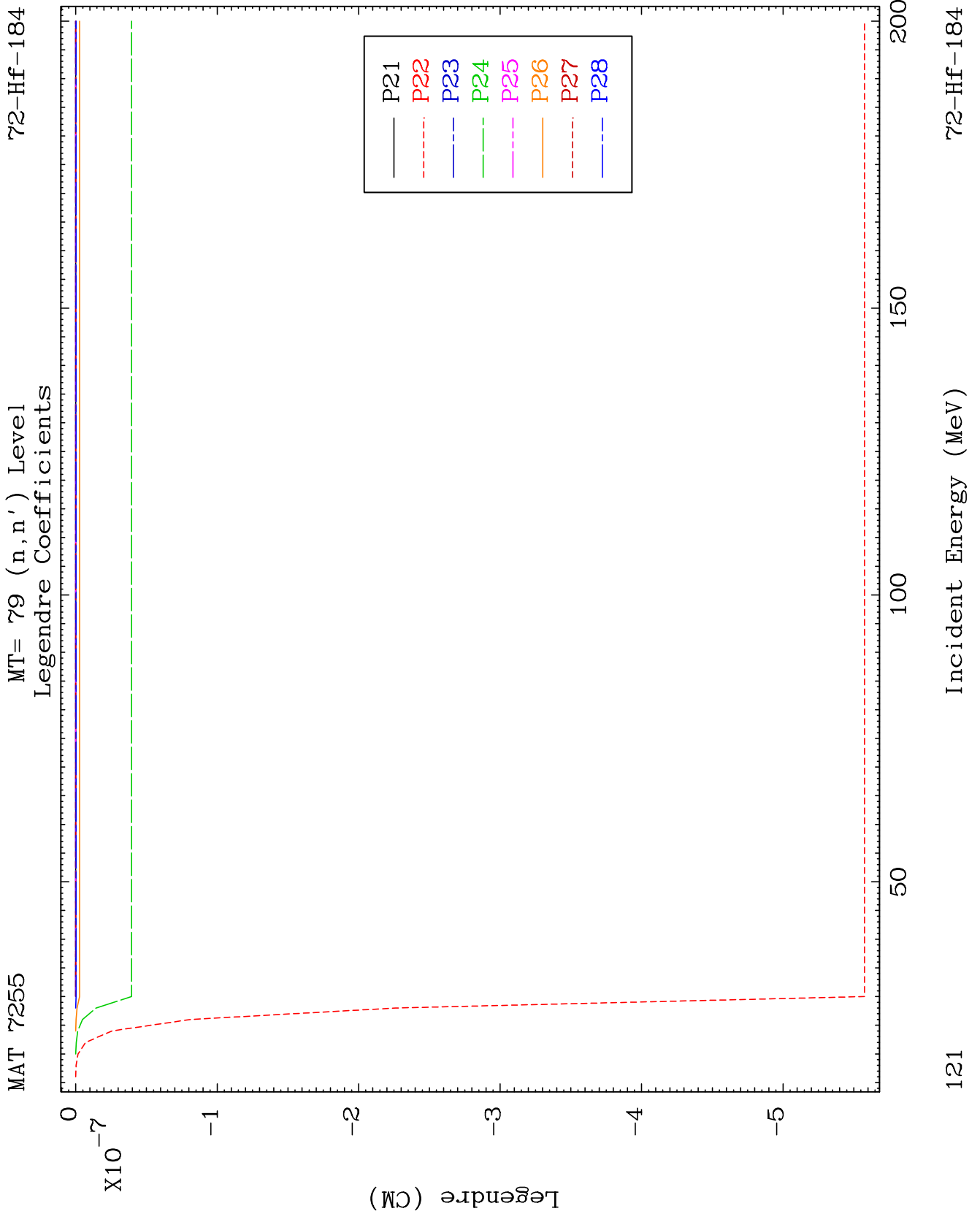
119

Incident Energy (MeV)

72-Hf-184





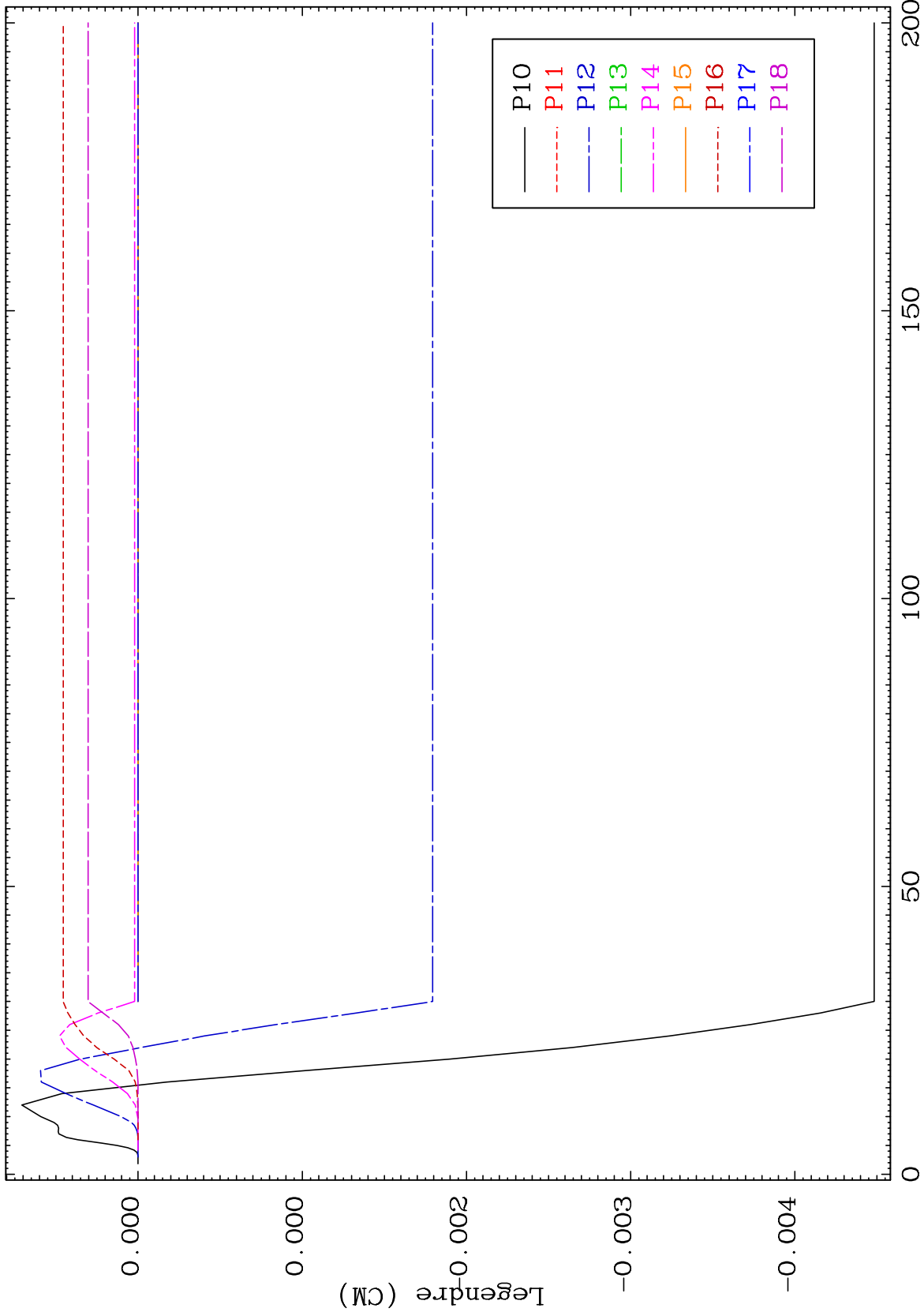




MAT 7255

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

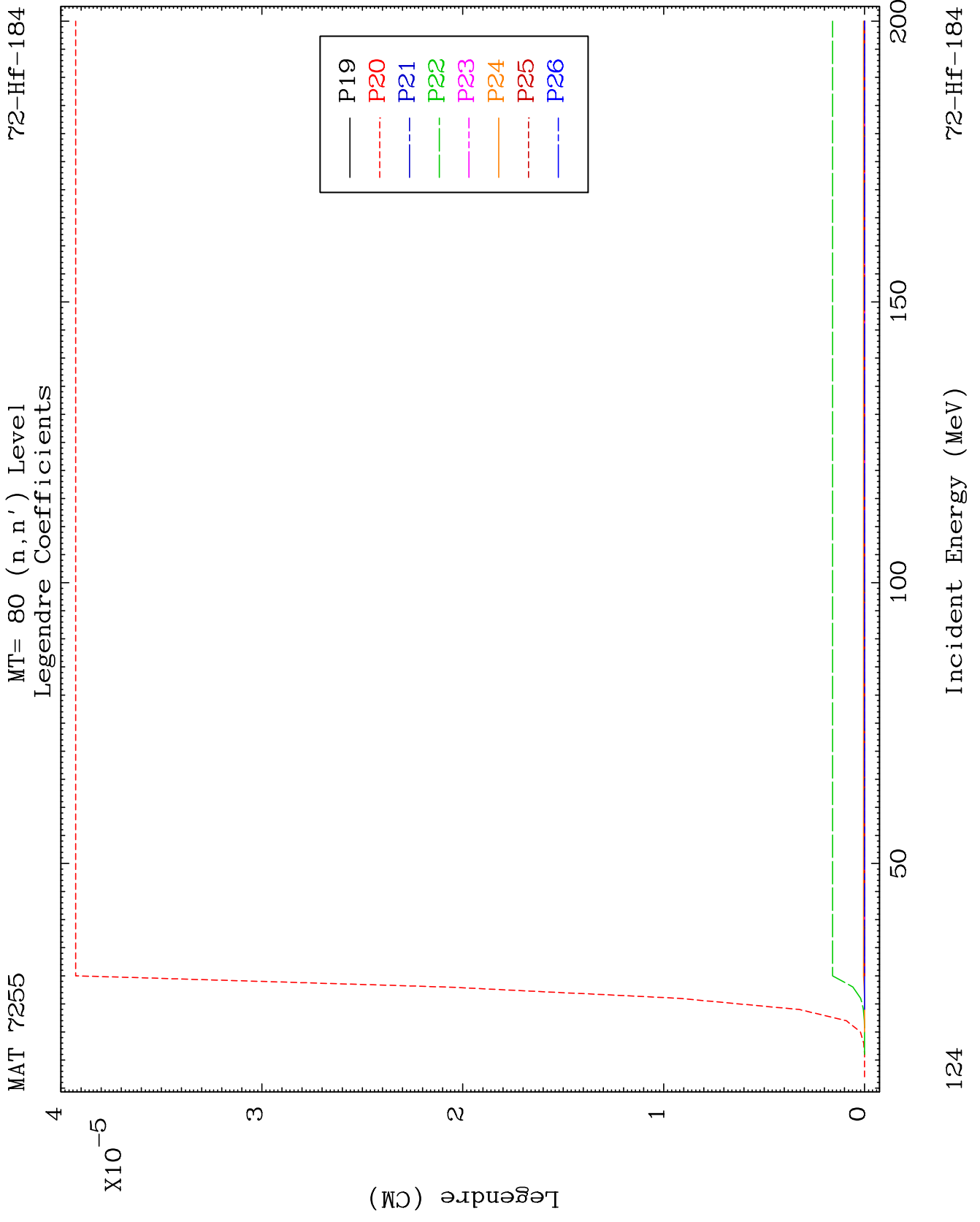
72-Hf-184



123

Incident Energy (MeV)

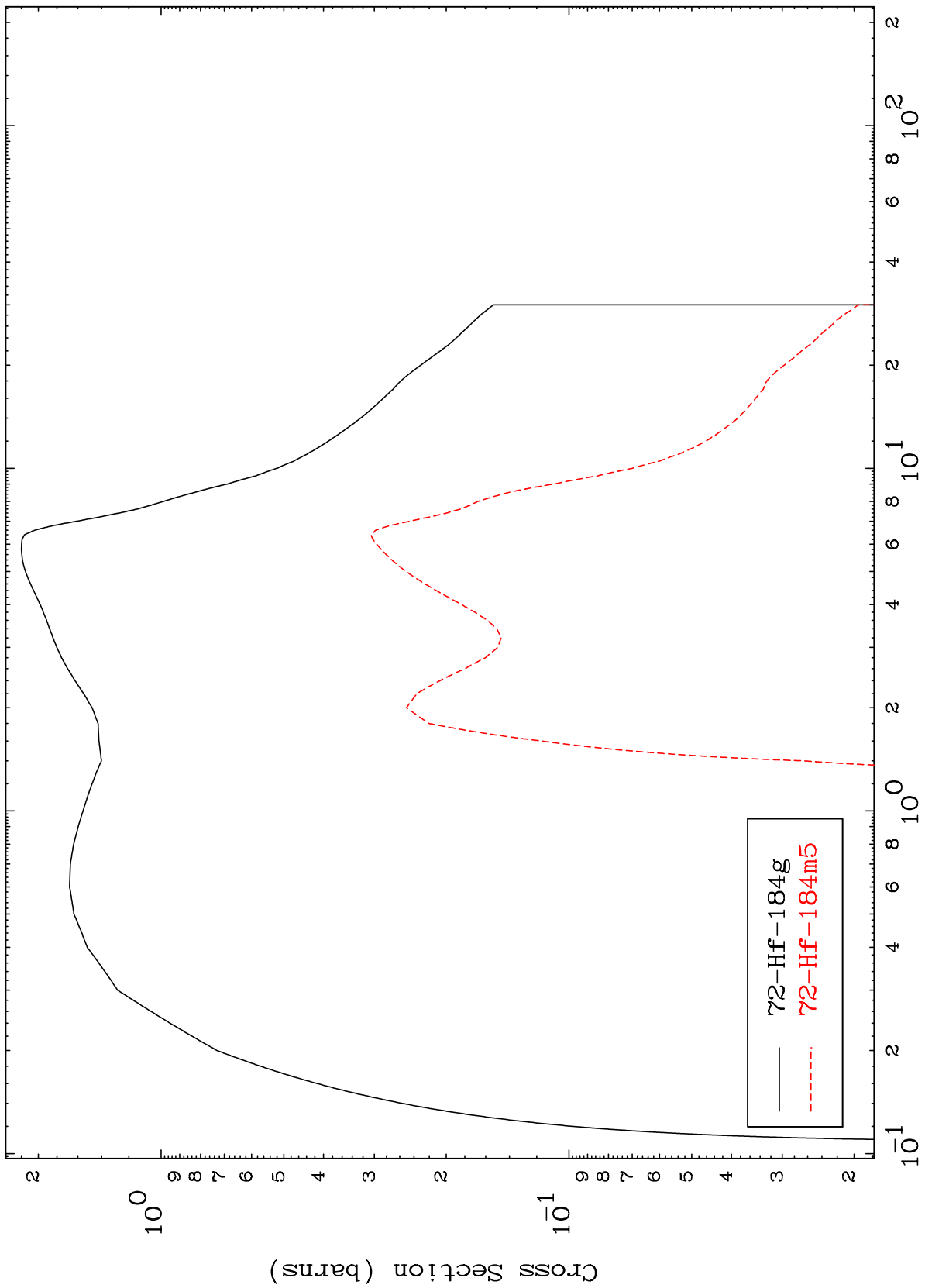
72-Hf-184



MAT 7255

72-Hf-184

Inelastic  
Radionuclide Production Cross Section



72-Hf-184g  
72-Hf-184m5

72-Hf-184

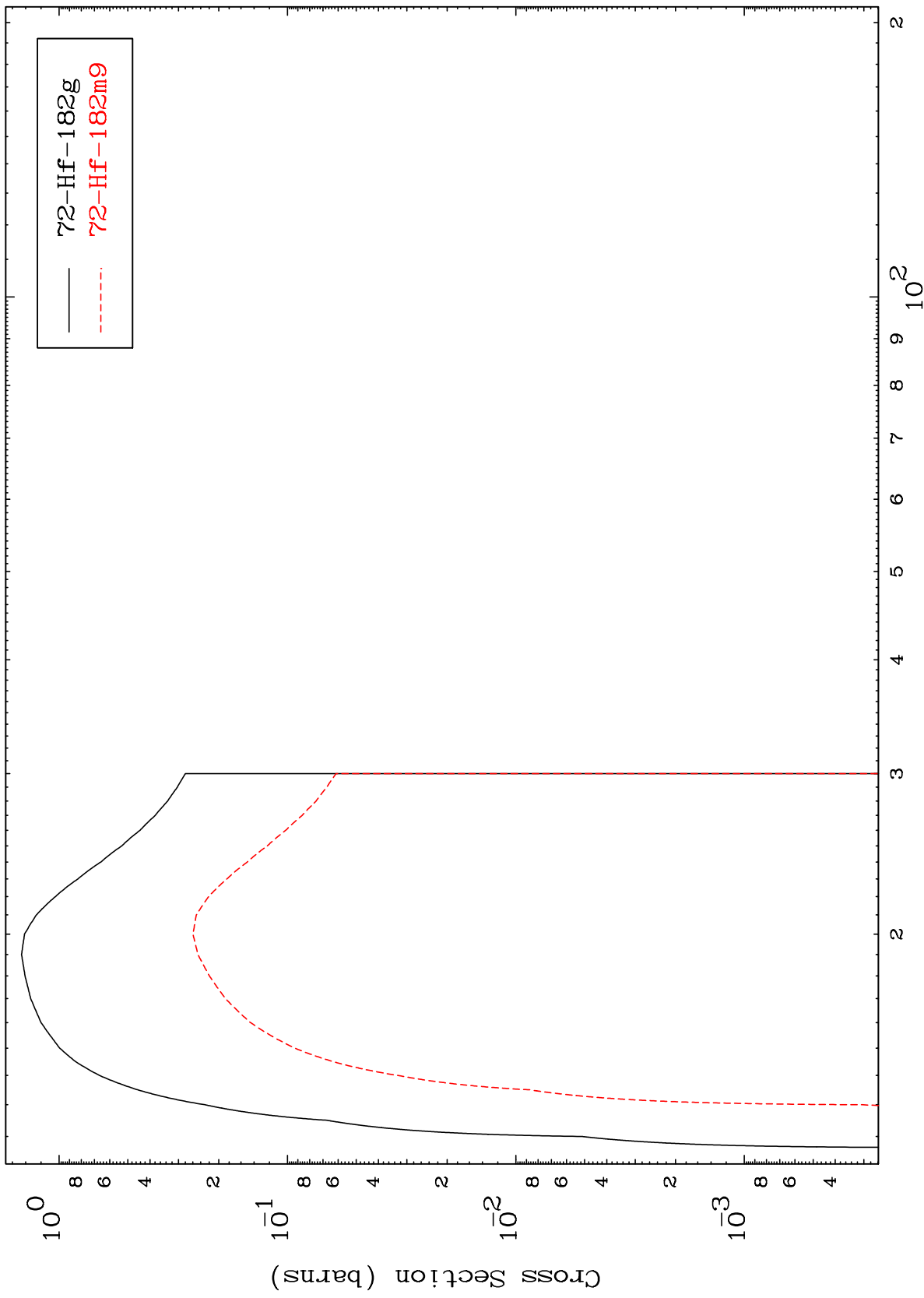
Incident Energy (MeV)

125

MAT 7255

72-Hf-184

(n,3n)  
Radionuclide Production Cross Section



126

Incident Energy (MeV)

72-Hf-184

MAT 7255

Fission

72-Hf-184

Radionuclide Production Cross Section

