

Program EVALPLOT  
(Version 2018-1)

by

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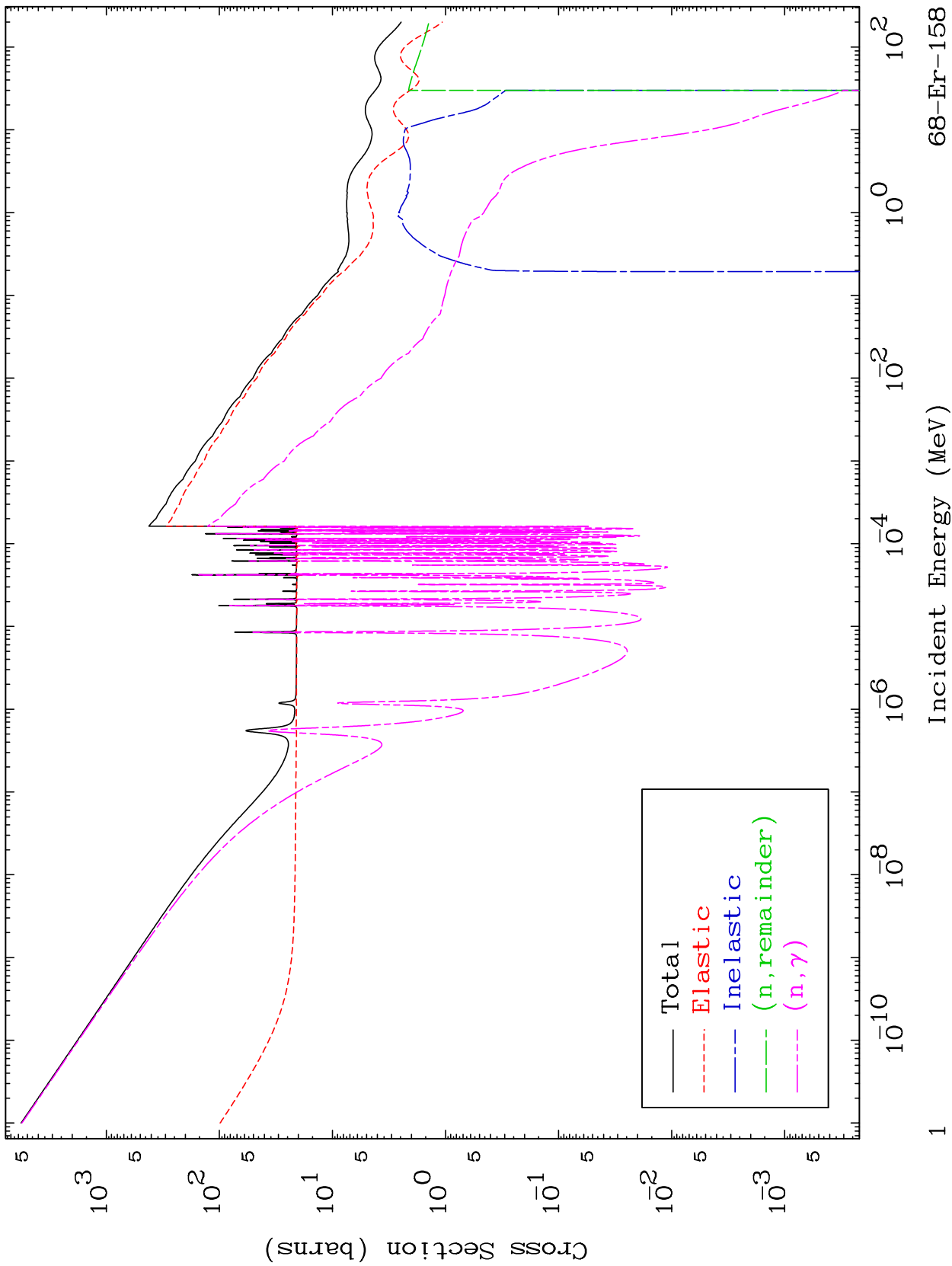
Press Mouse Button to Start

MAT 6813

Major

293 Kelvin Cross Sections

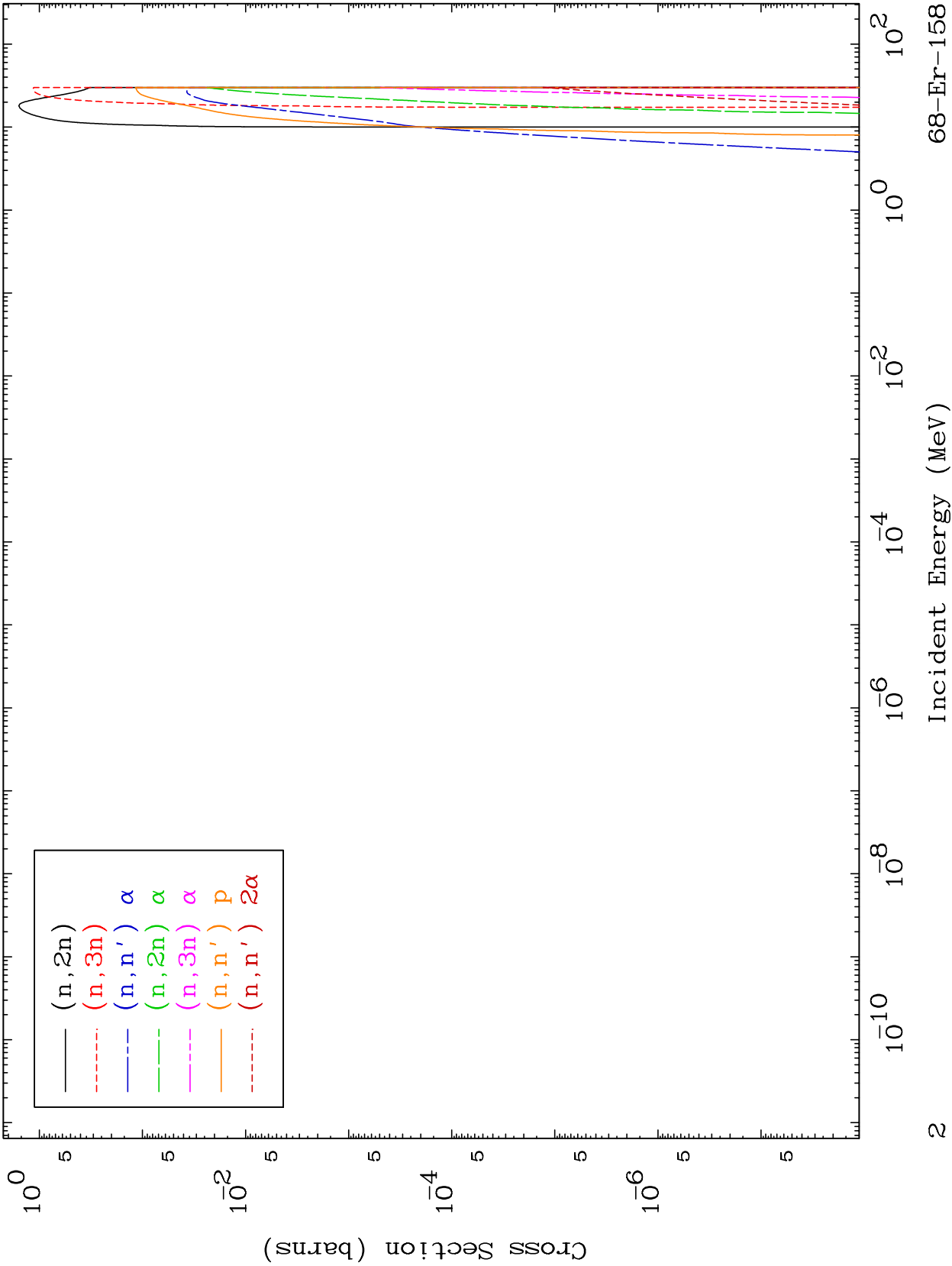
68-Er-158

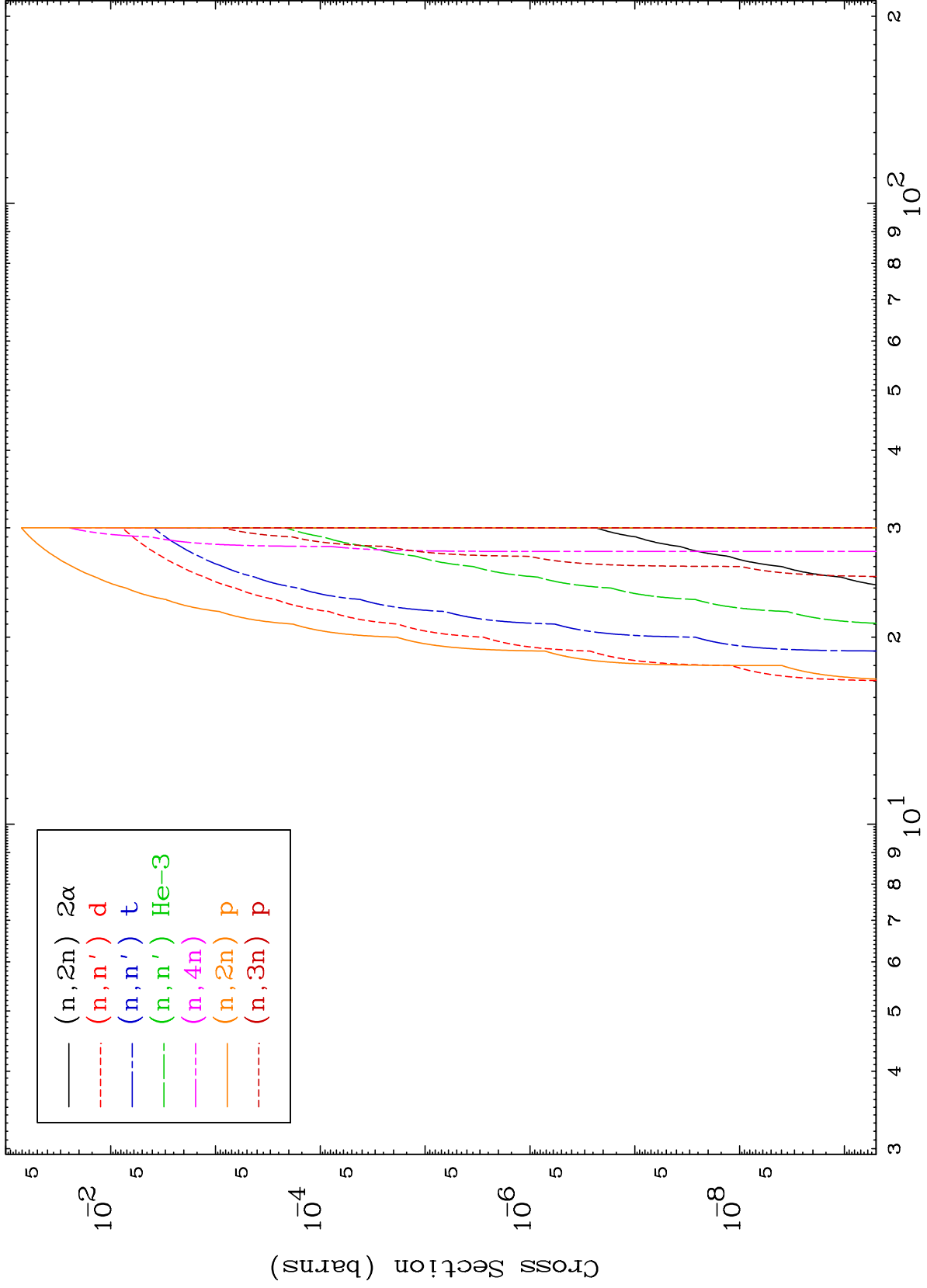


MAT 6813

Neutron Production  
293 Kelvin Cross Sections

68-Er-158

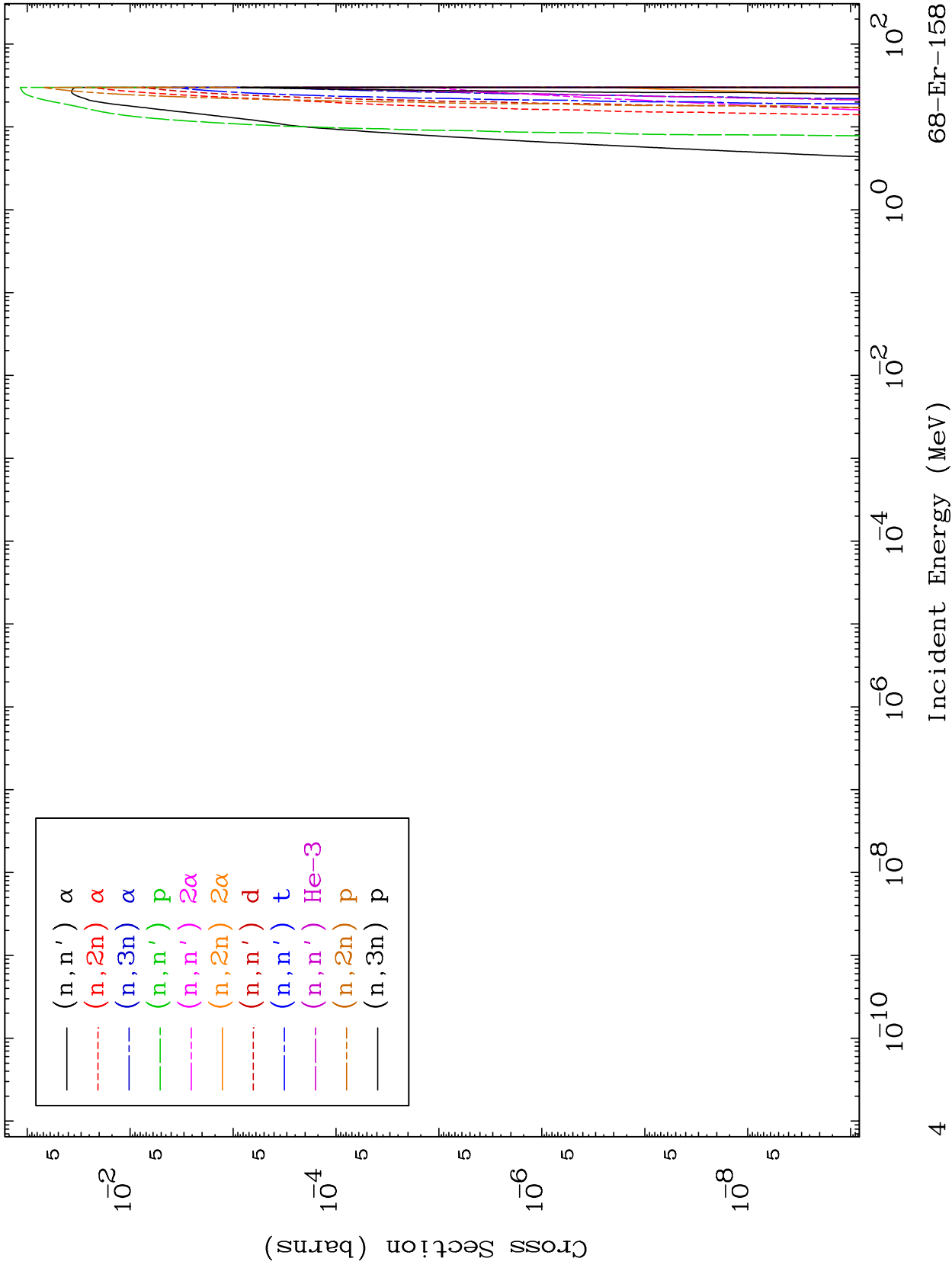




MAT 6813

Charged Particle  
293 Kelvin Cross Sections

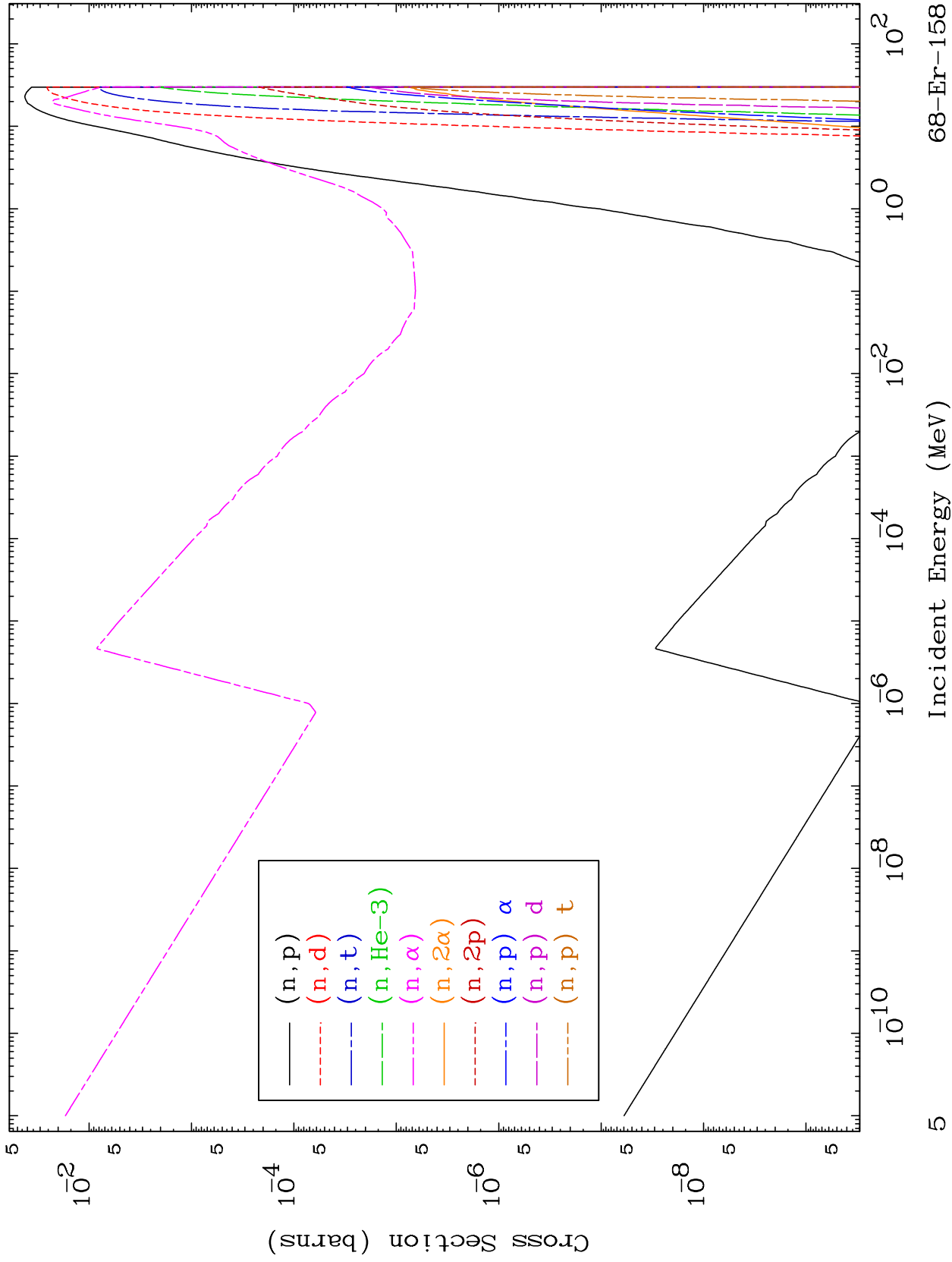
68-Er-158



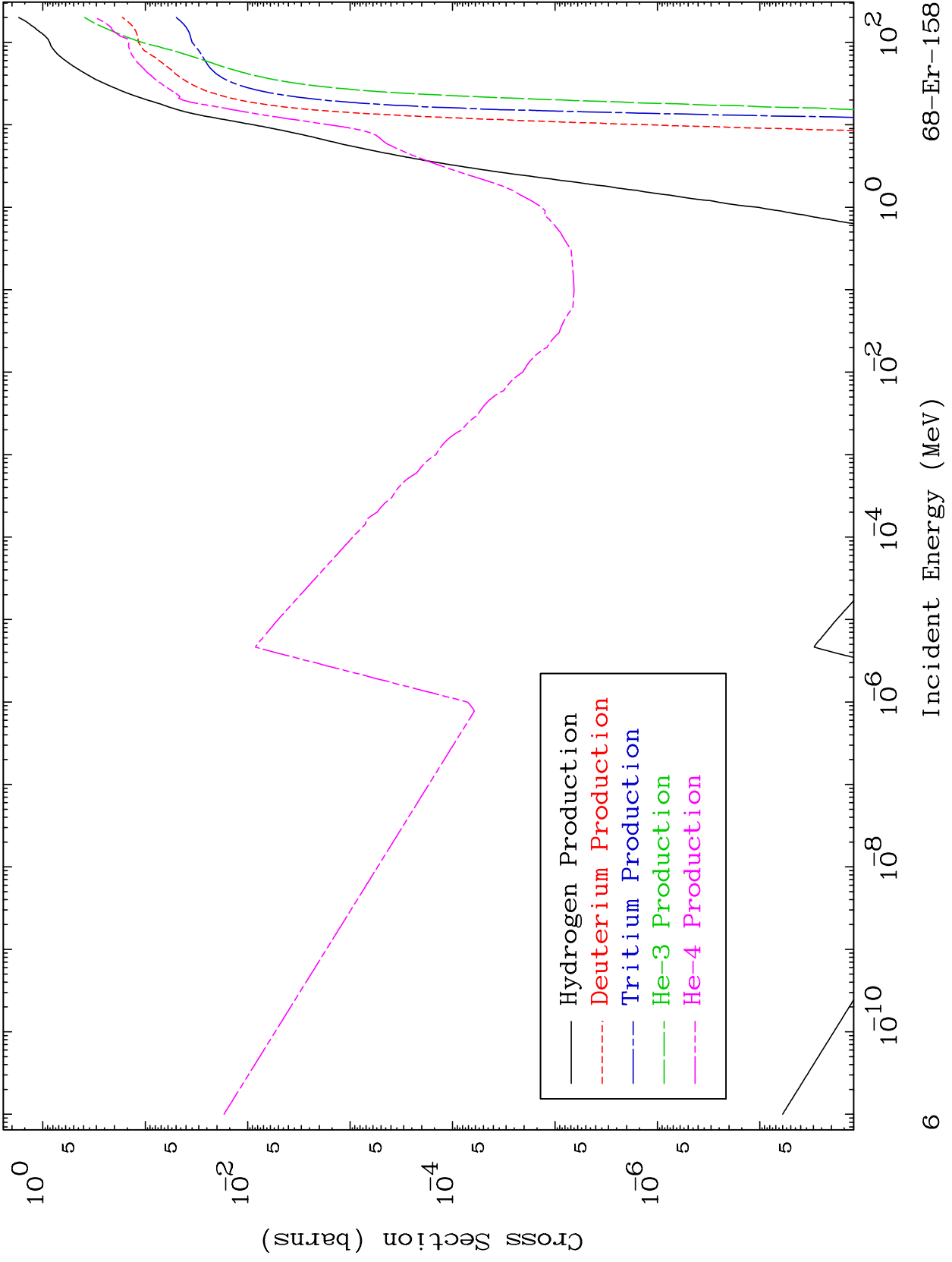
MAT 6813

Charged Particle  
293 Kelvin Cross Sections

68-Er-158



5

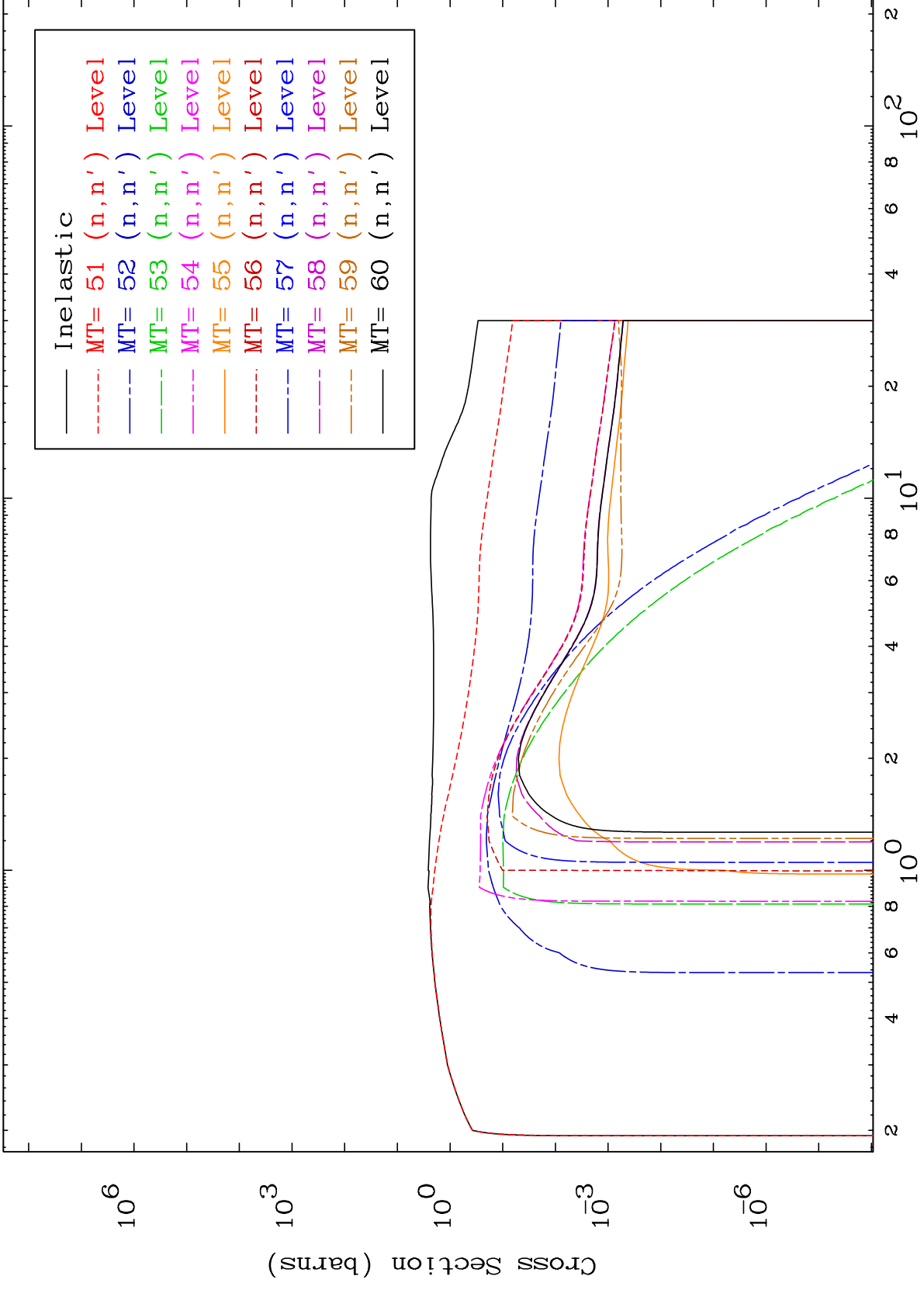


MAT 6813

(n,n') Level

68-Er-158

293 Kelvin Cross Sections



Incident Energy (MeV)

68-Er-158

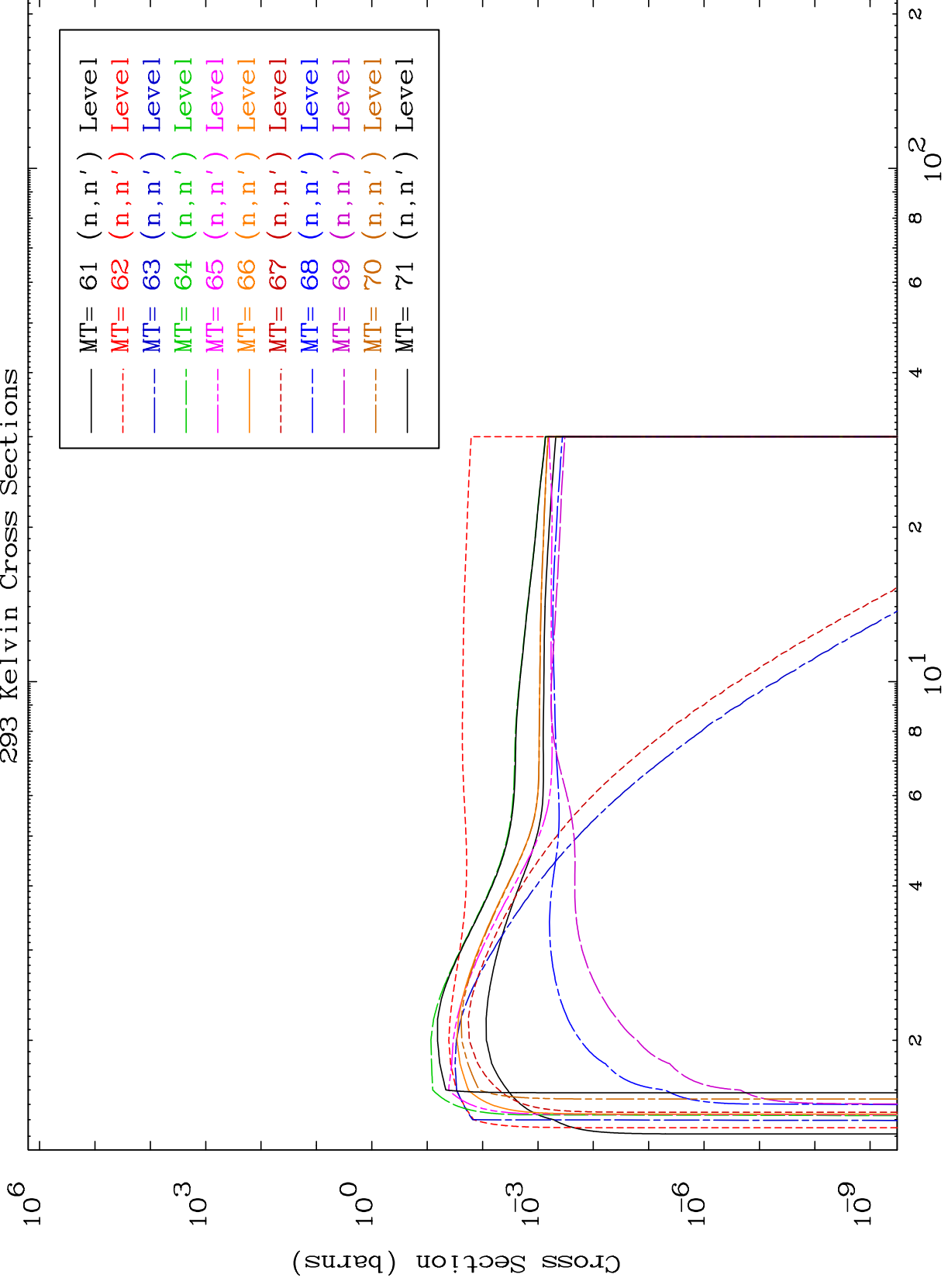


MAT 6813

(n,n') Level

68-Er-158

293 Kelvin Cross Sections

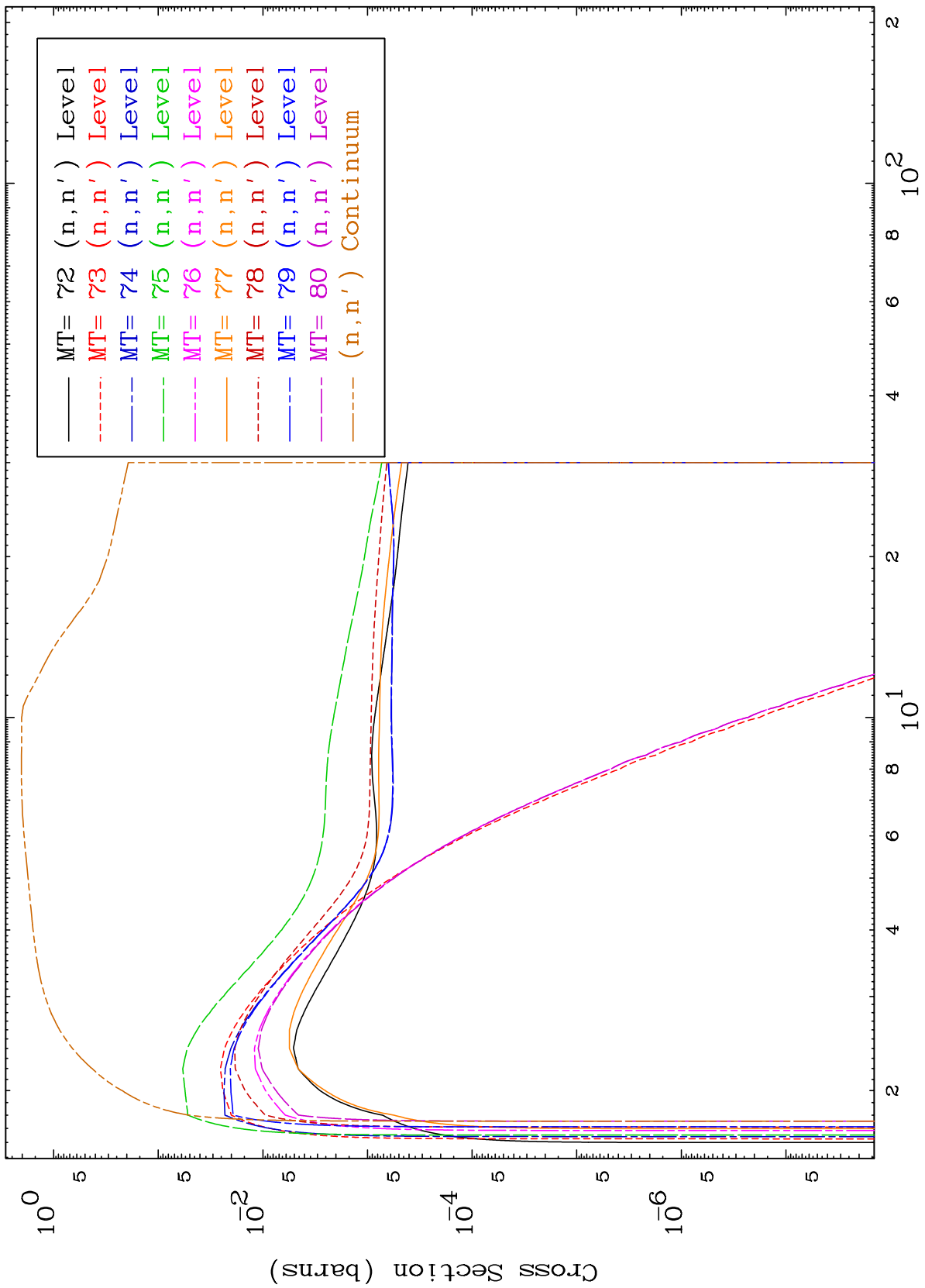


8

Incident Energy (MeV)

68-Er-158

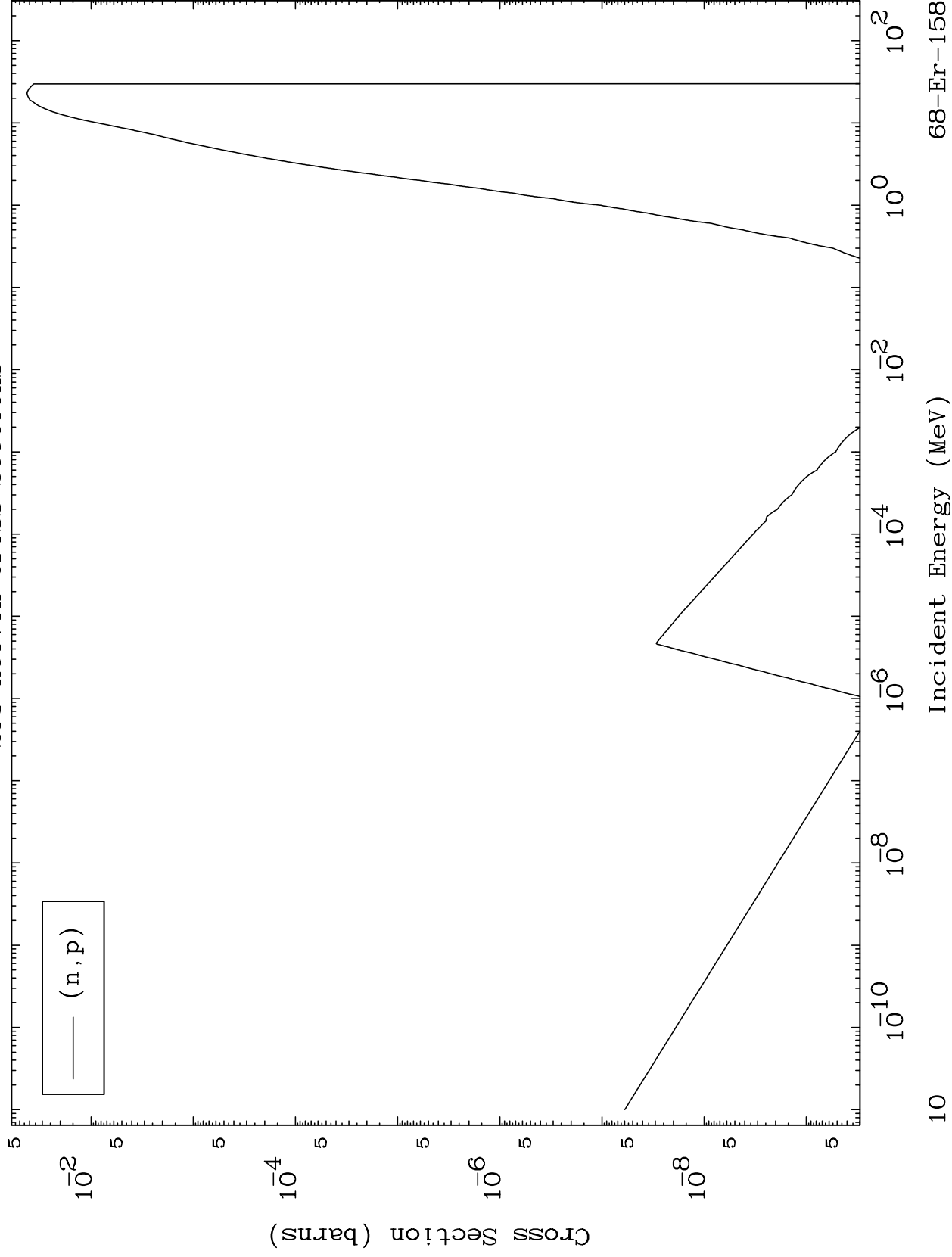
293 Kelvin Cross Sections



MAT 6813

(n,p) Levels  
293 Kelvin Cross Sections

68-Er-158



68-Er-158

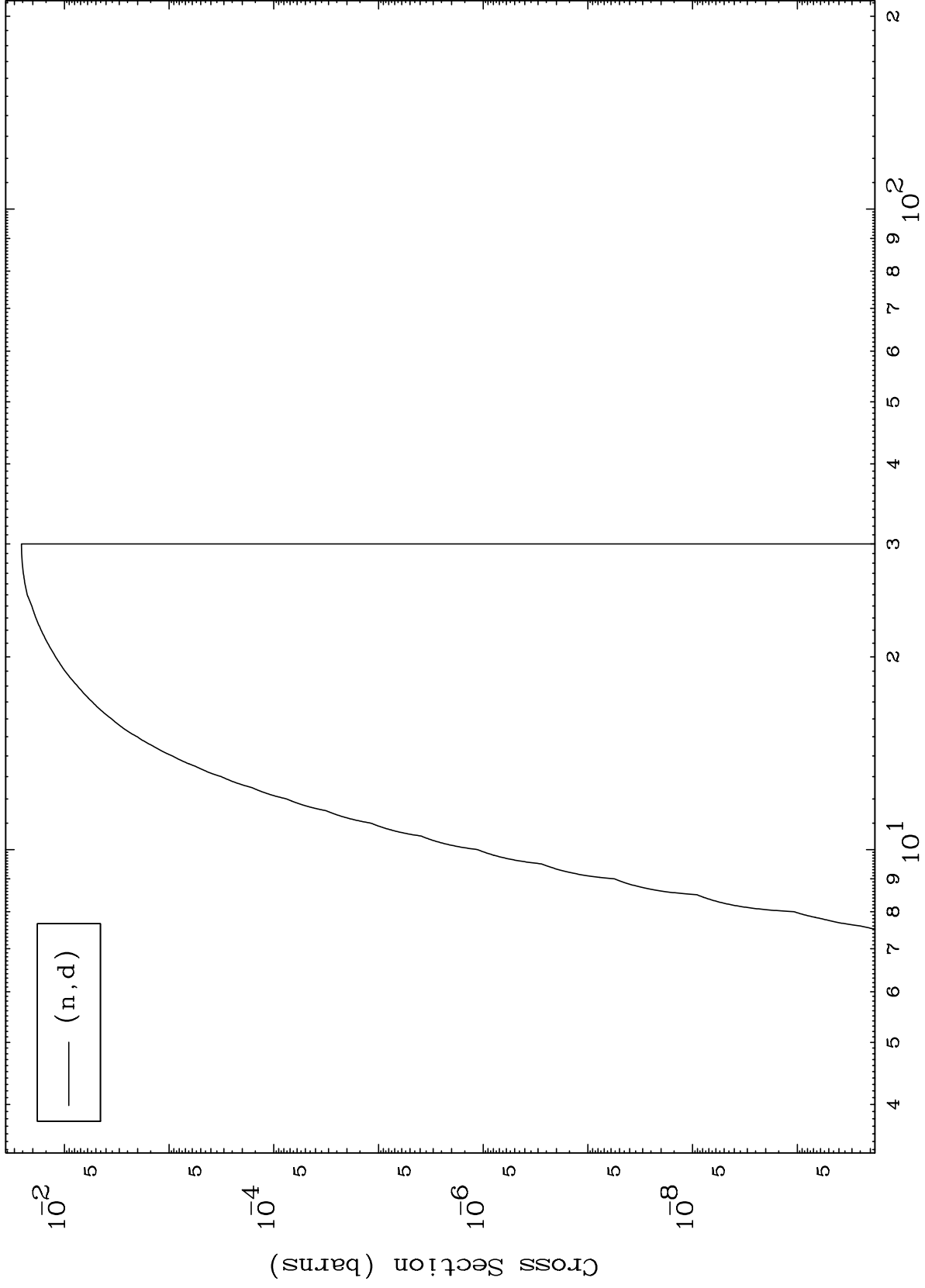
Incident Energy (MeV)

10

MAT 6813

(n,d) Levels  
293 Kelvin Cross Sections

68-Er-158



11

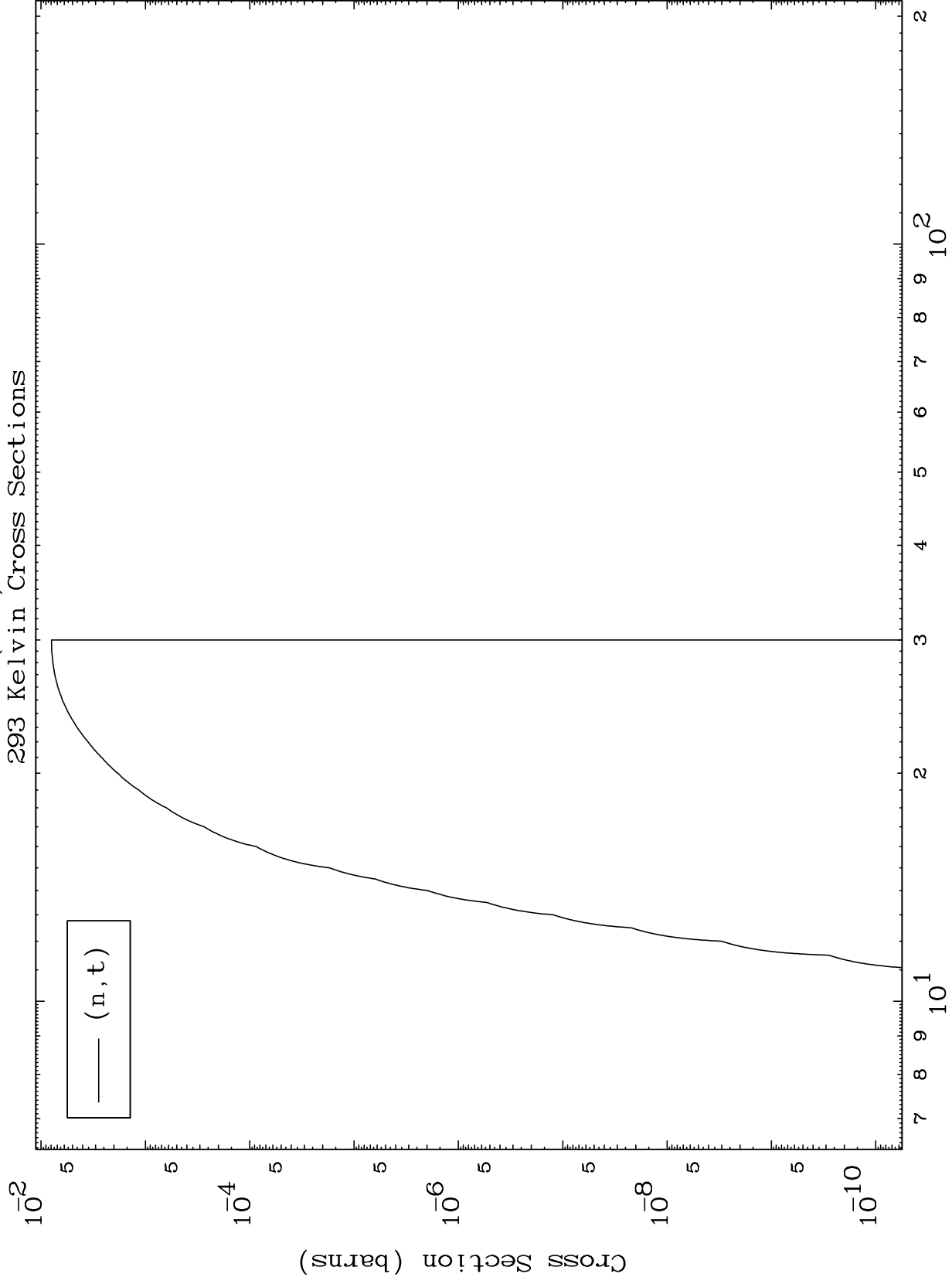
Incident Energy (MeV)

68-Er-158

MAT 6813

(n,t) Levels  
293 Kelvin Cross Sections

68-Er-158



12

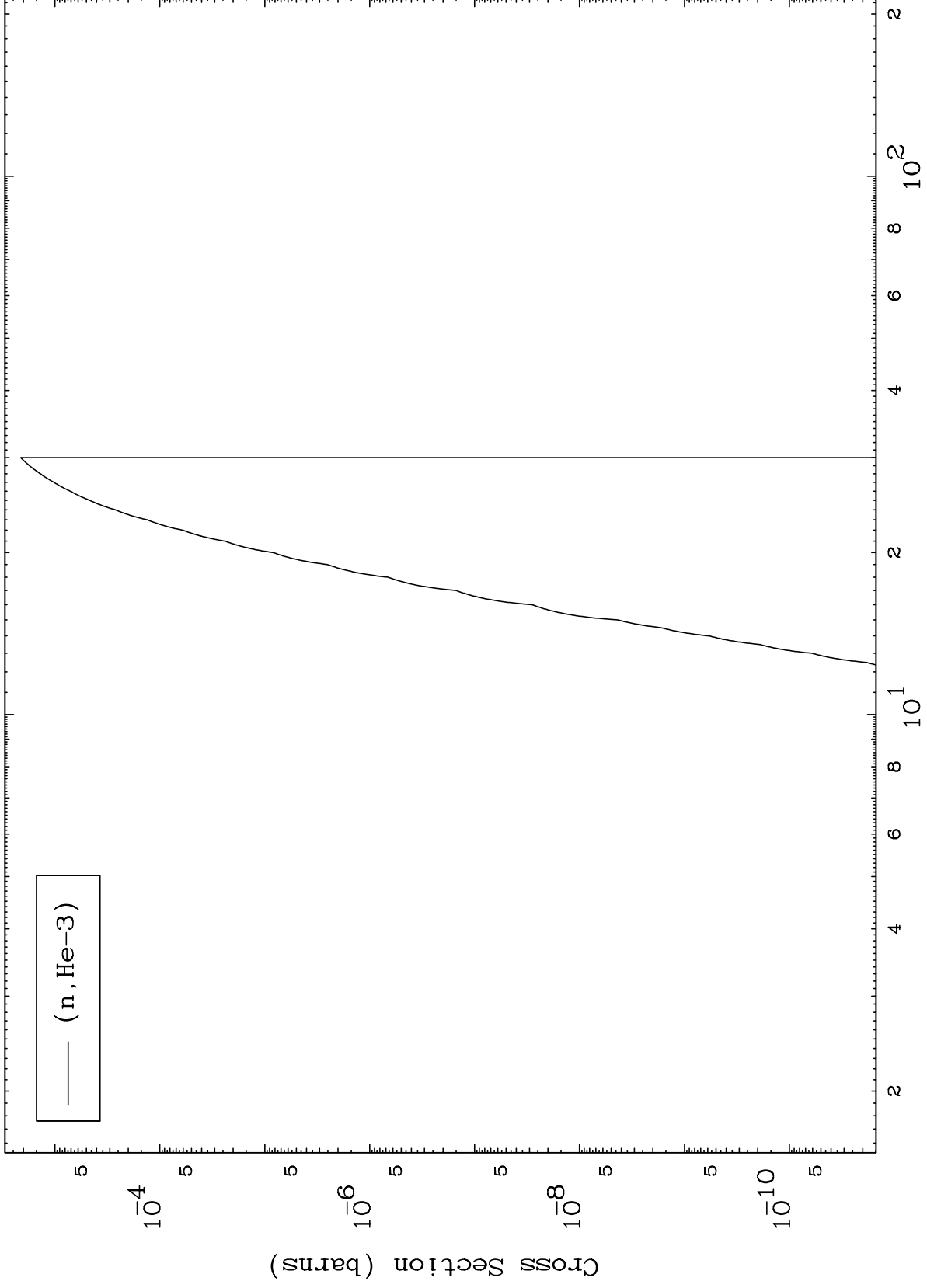
Incident Energy (MeV)

68-Er-158

MAT 6813

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-158



13

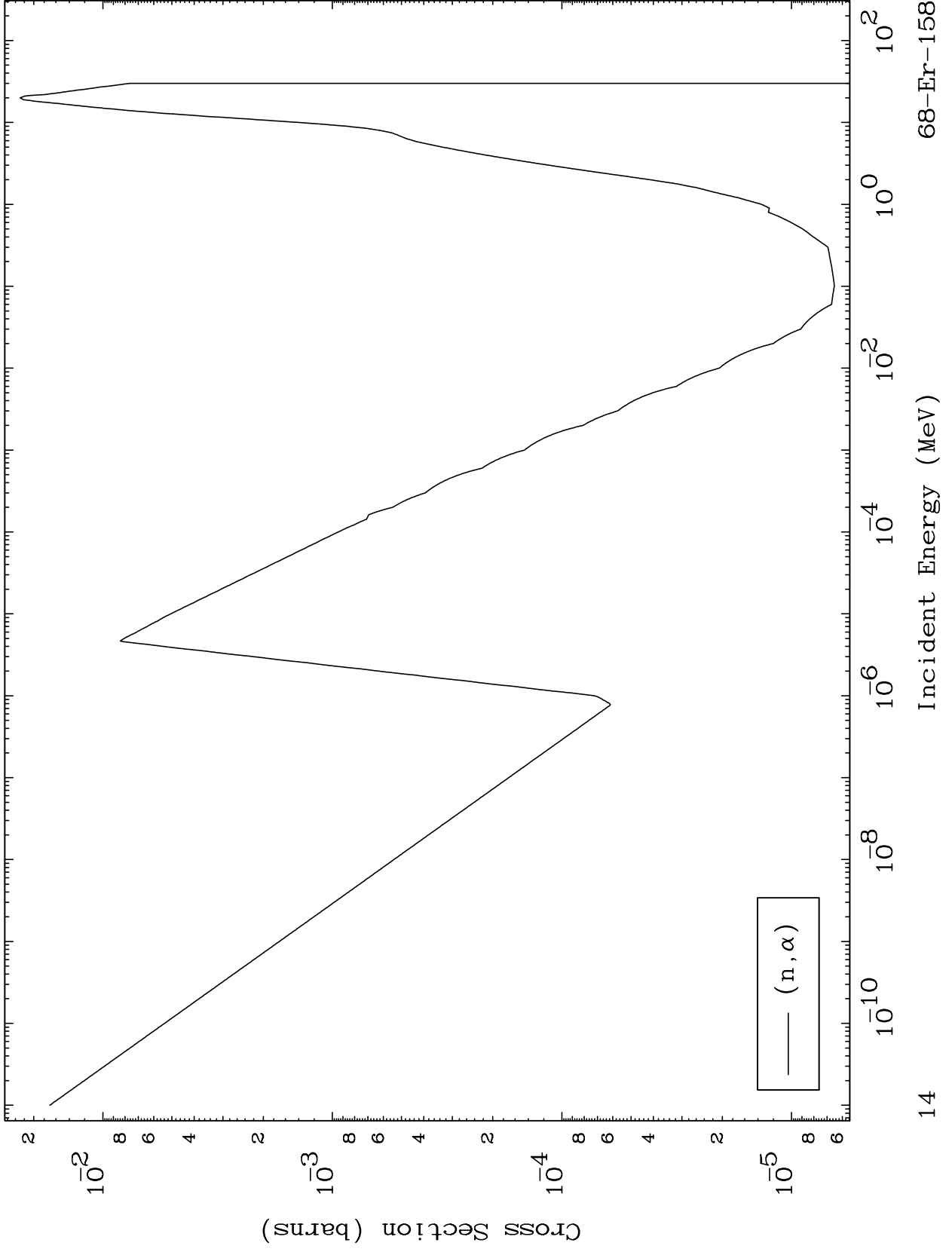
Incident Energy (MeV)

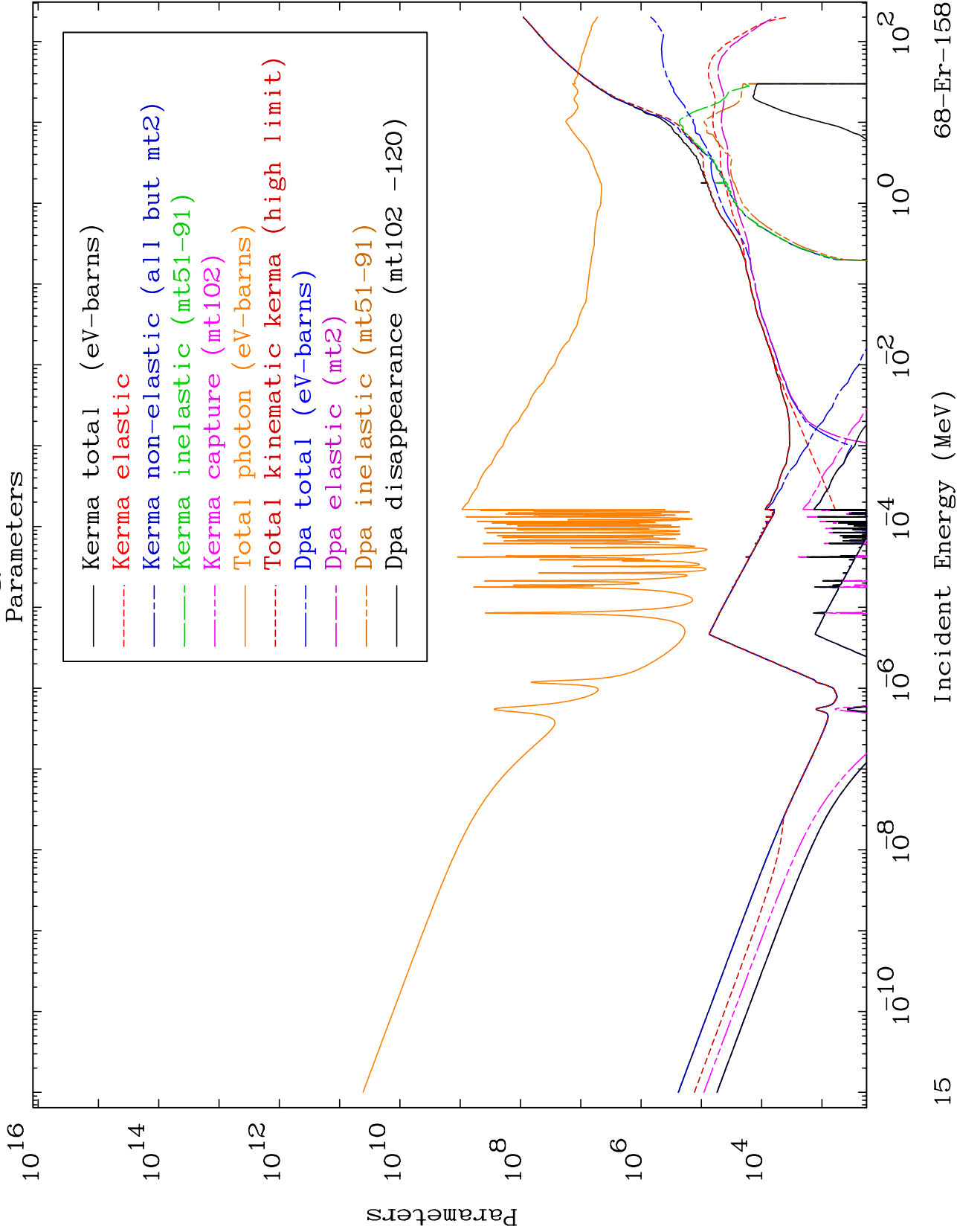
68-Er-158

MAT 6813

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

68-Er-158



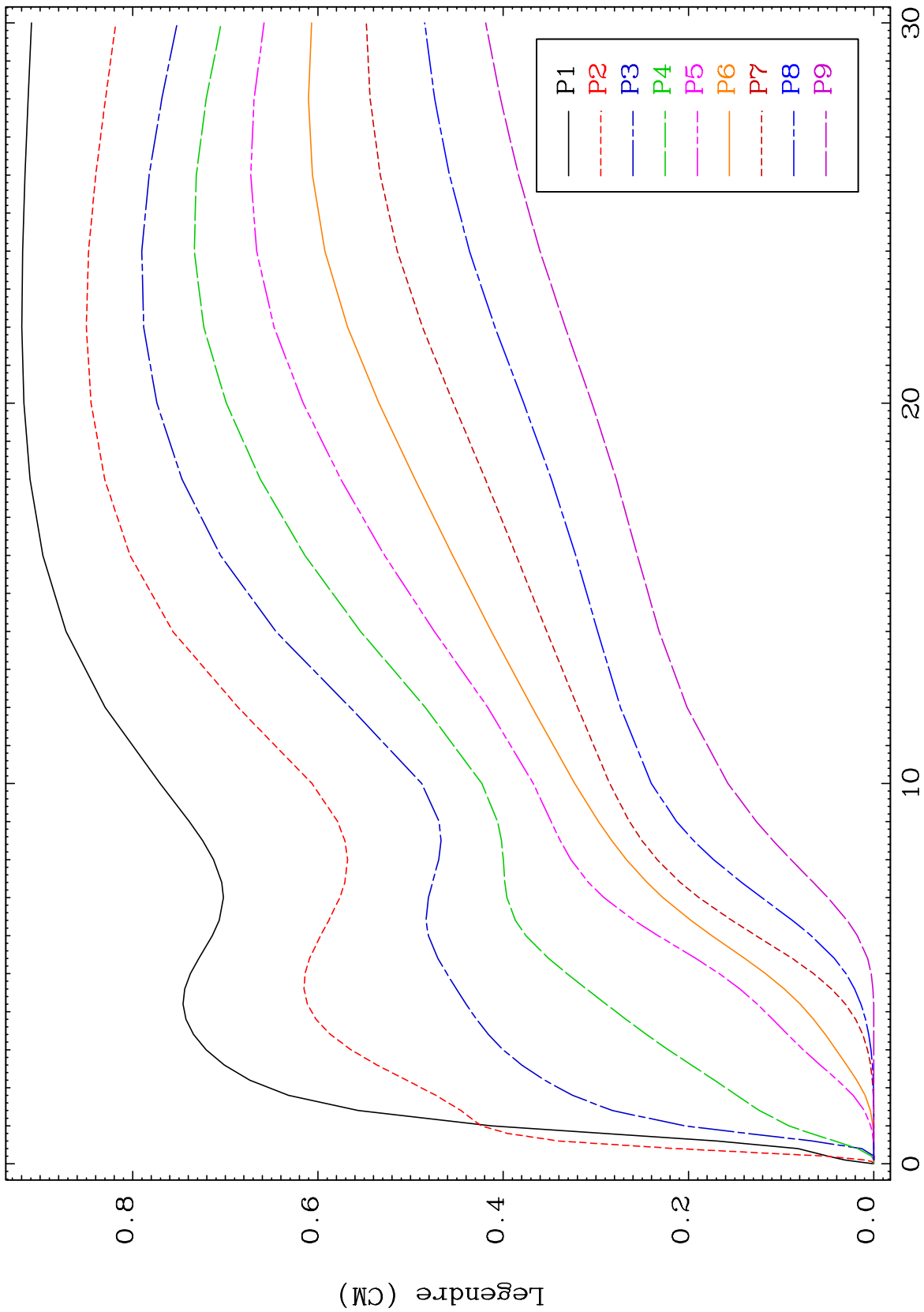




MAT 6813

68-Er-158

Elastic Legendre Coefficients



16

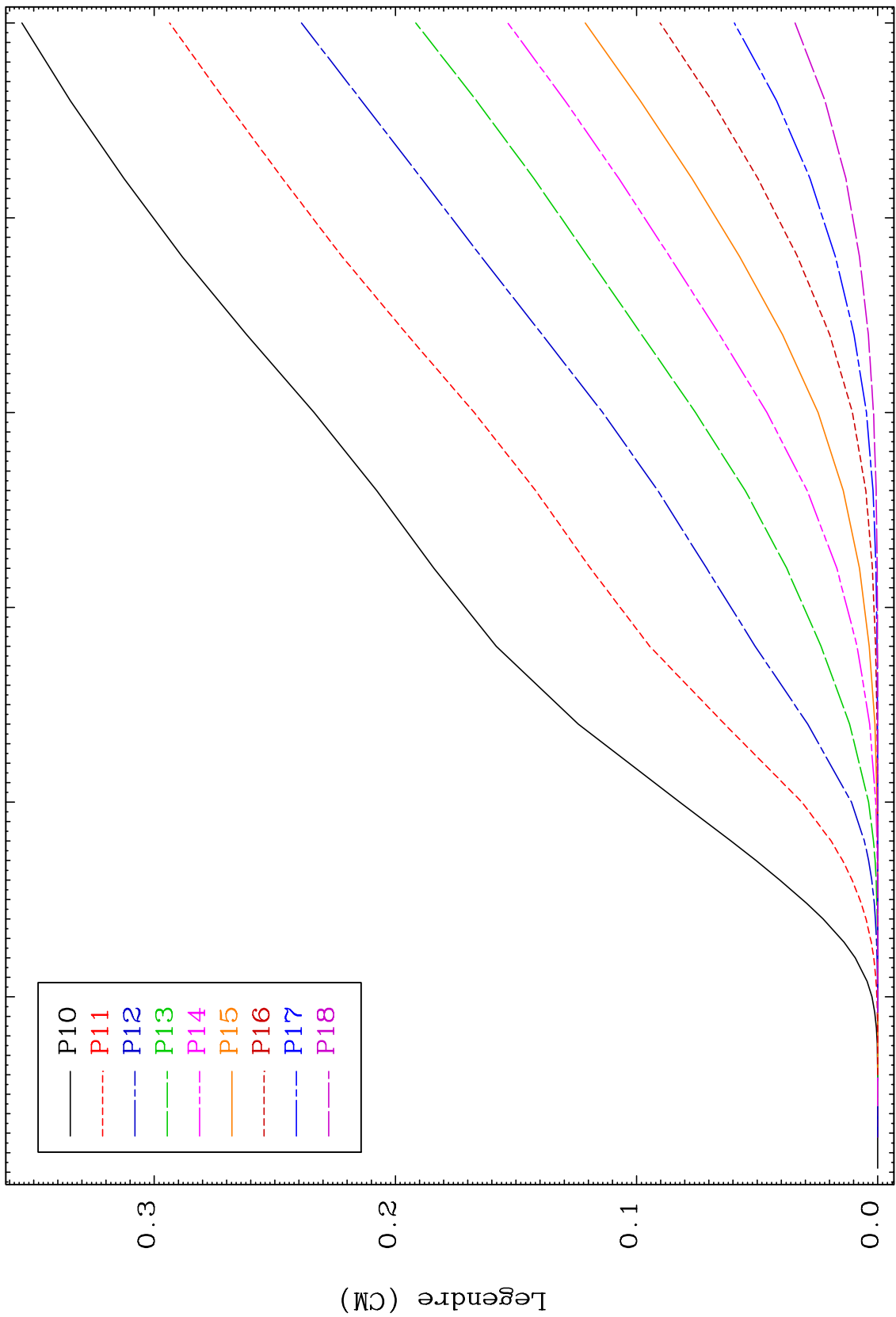
Incident Energy (MeV)

68-Er-158

MAT 6813

Elastic Legendre Coefficients

68-Er-158



17

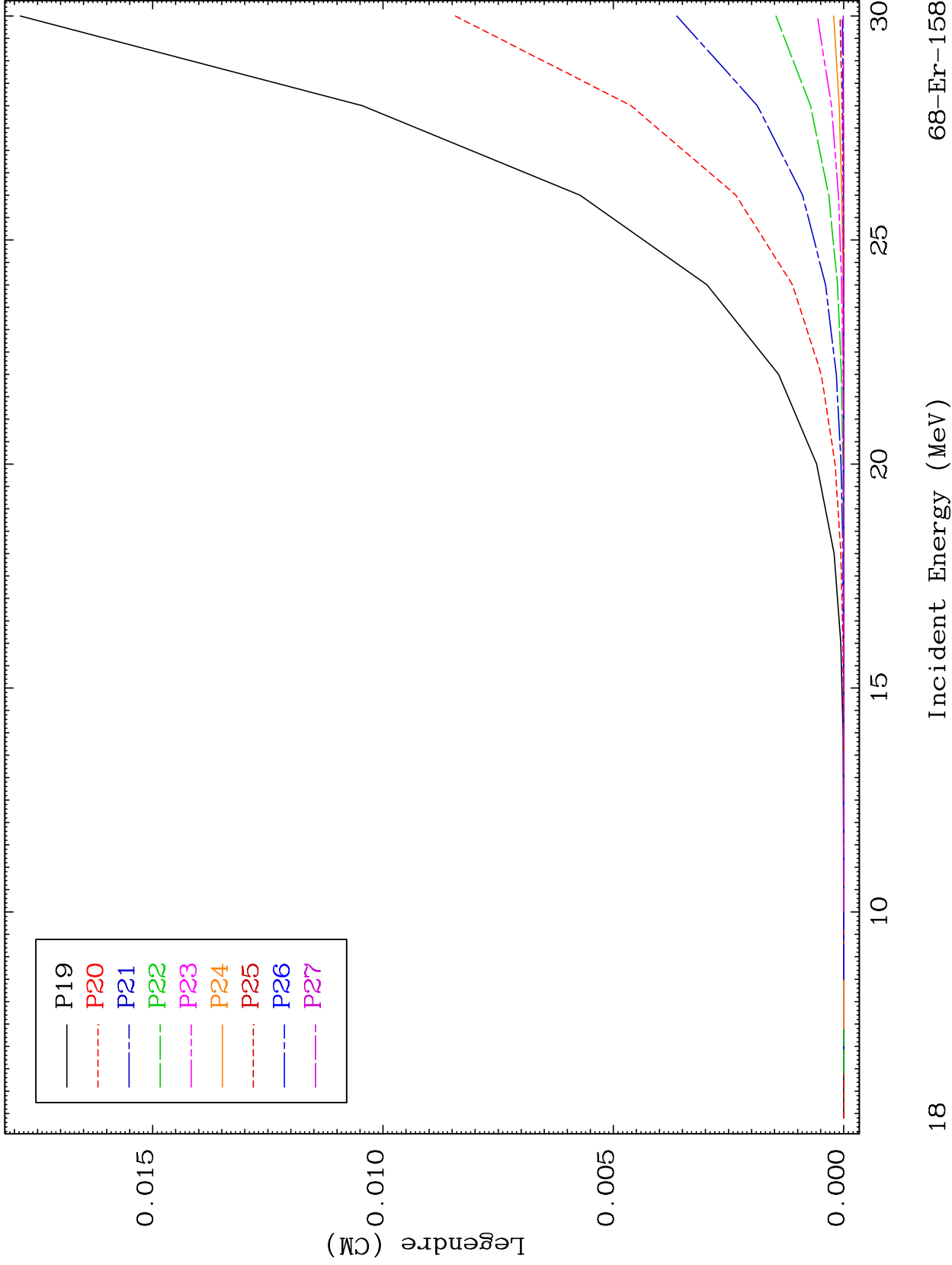
Incident Energy (MeV)

68-Er-158

MAT 6813

### Elastic Legendre Coefficients

68-Er-158



18

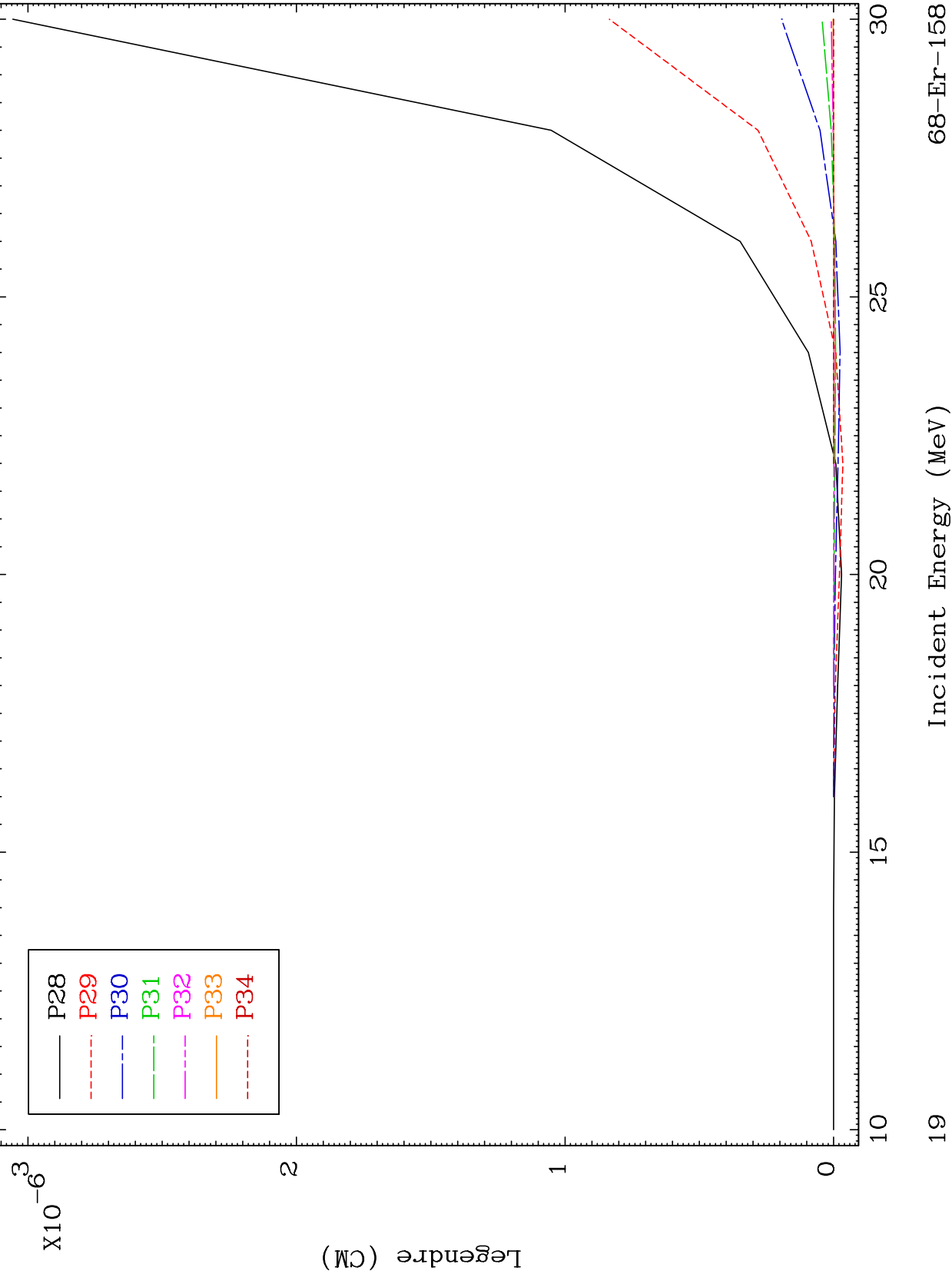
Incident Energy (MeV)

68-Er-158

MAT 6813

Elastic  
Legendre Coefficients

68-Er-158



19

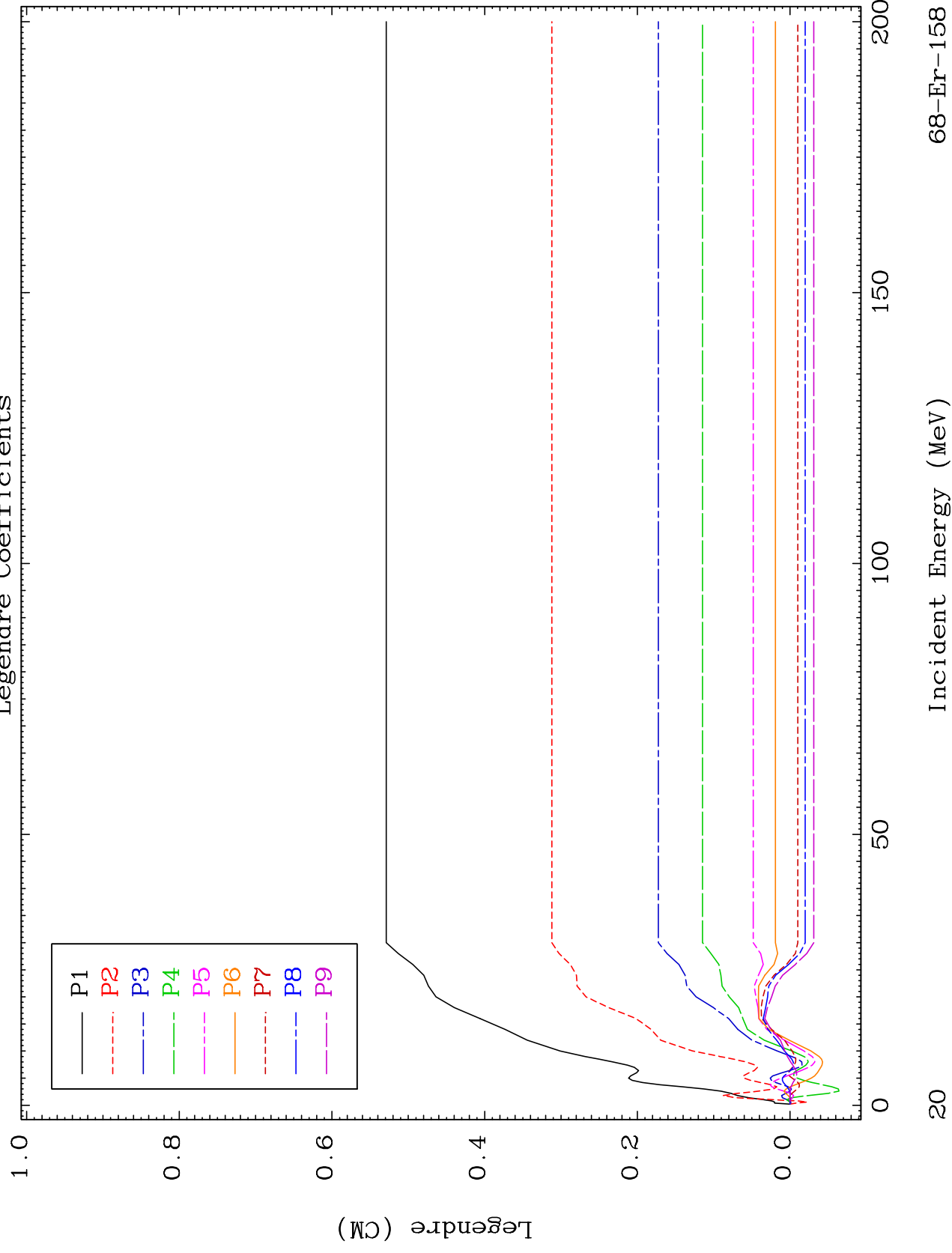
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



68-Er-158

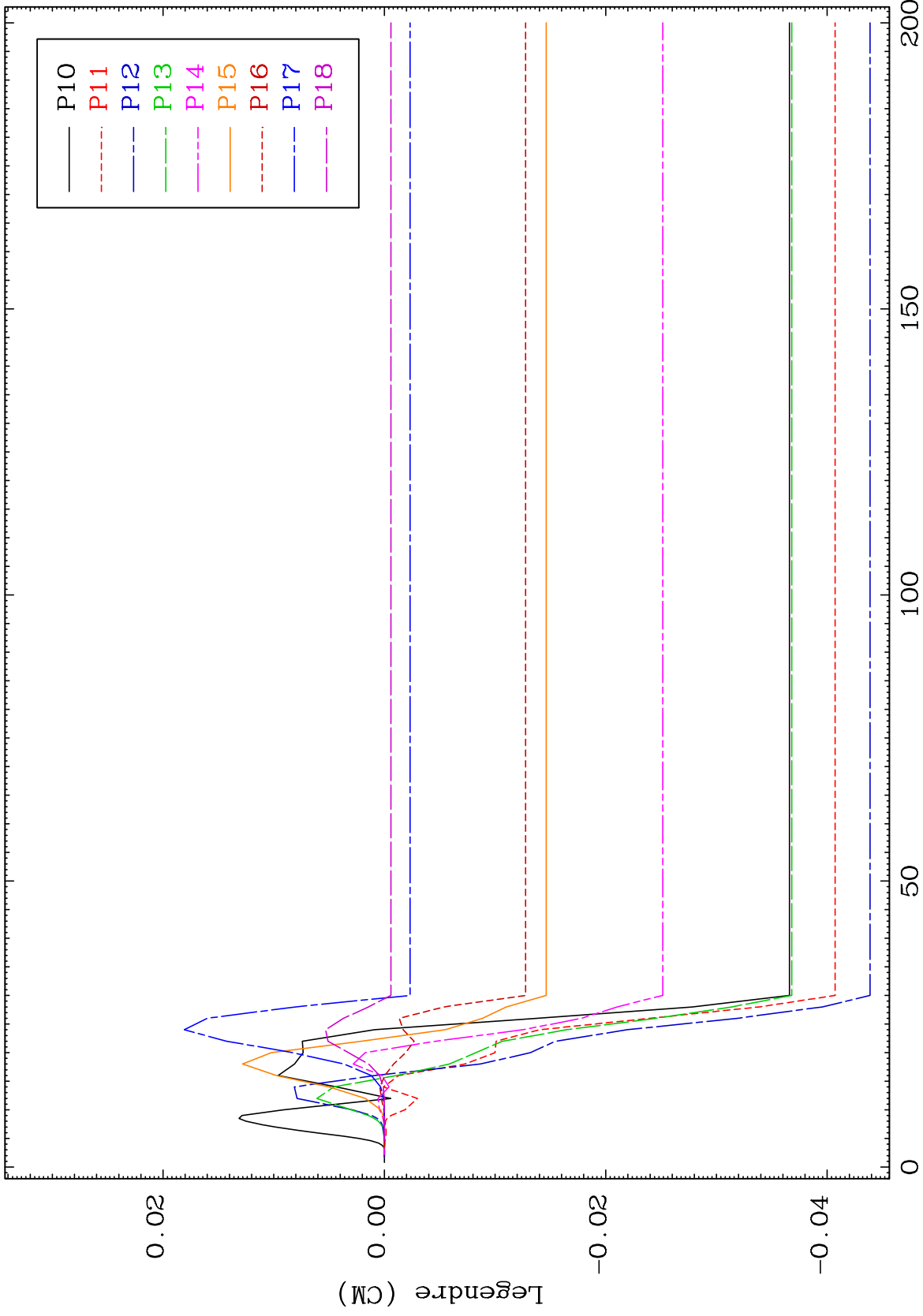
Incident Energy (MeV)

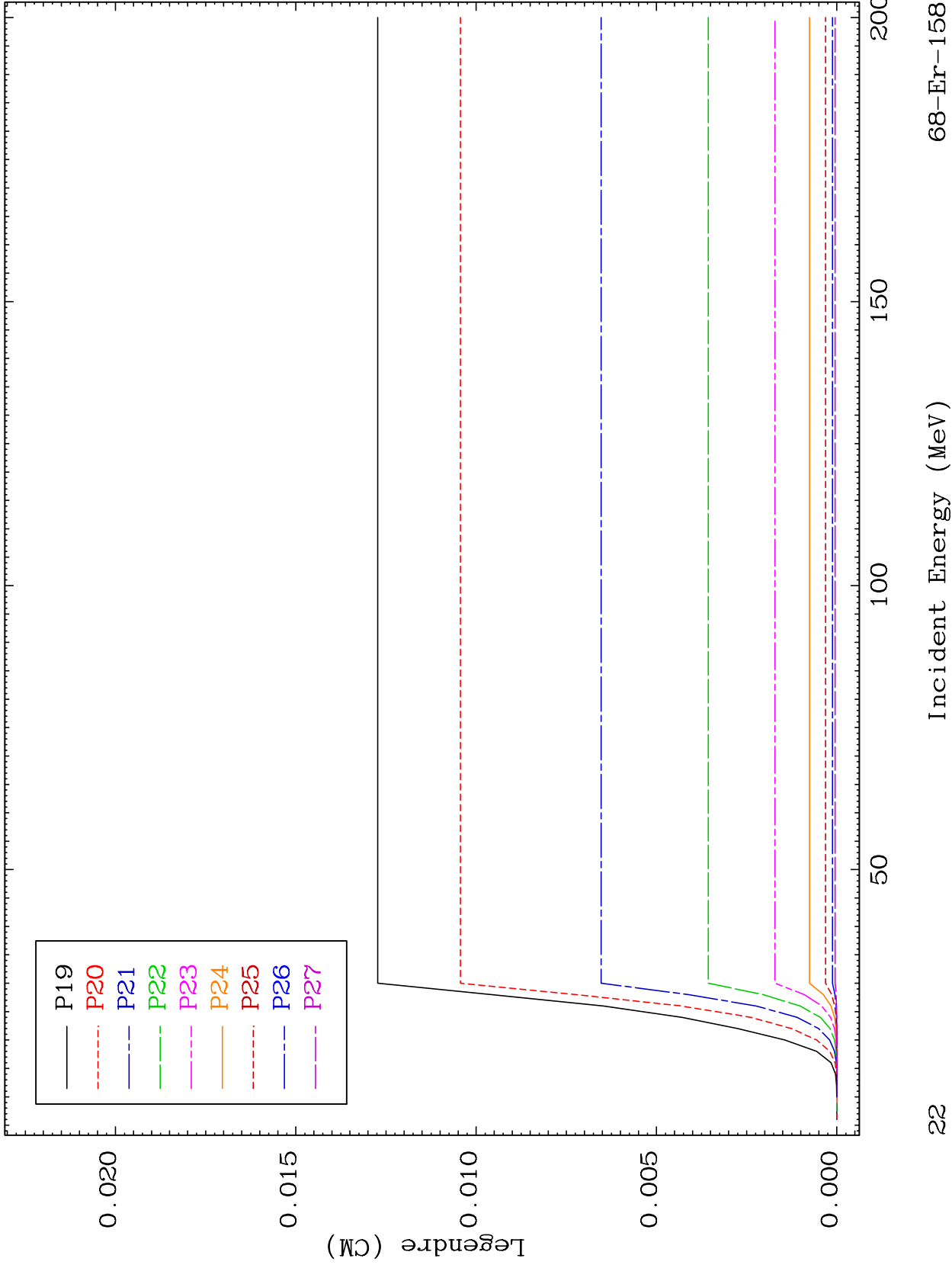
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MAT 6813

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

68-Er-158

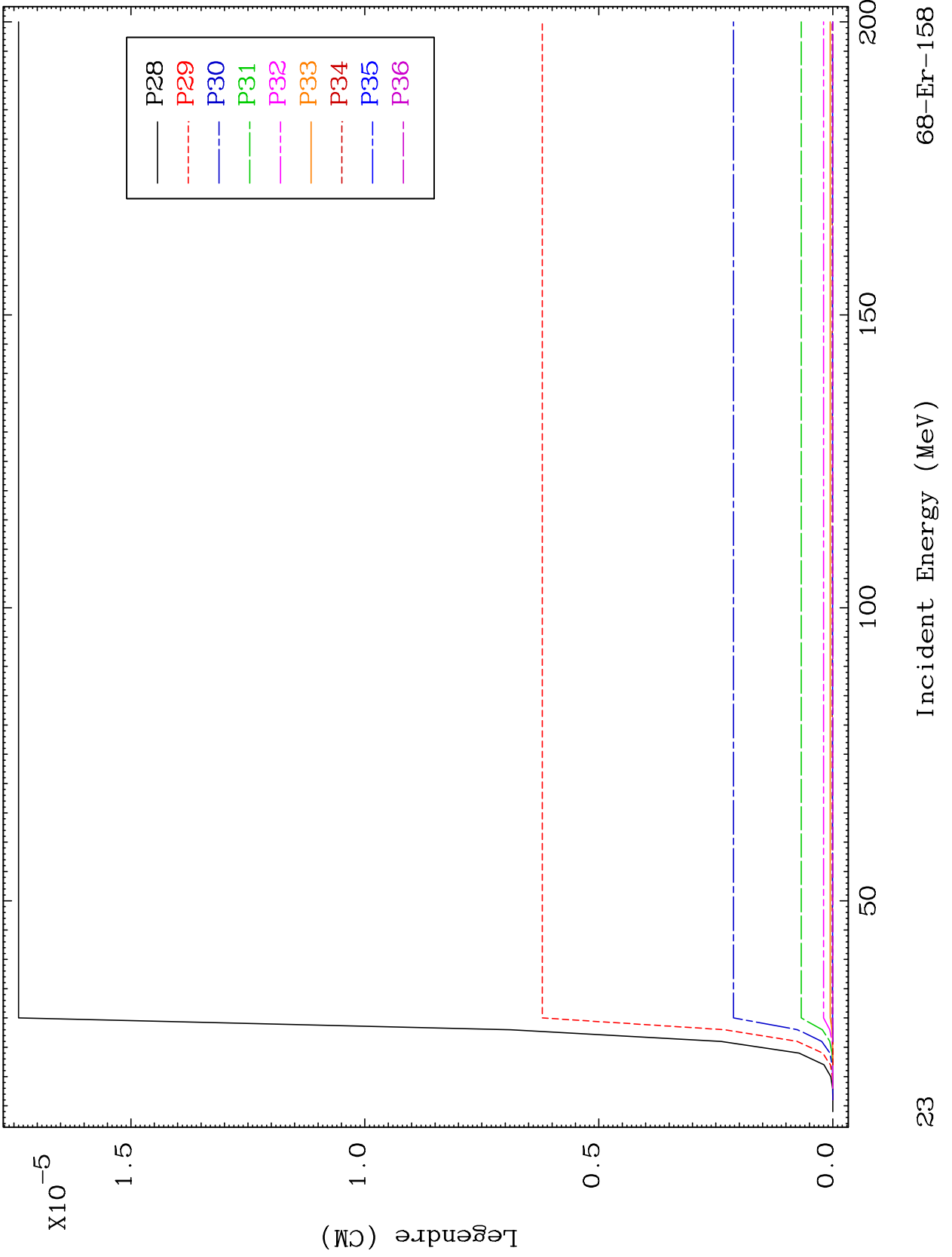




MAT 6813

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

68-Er-158



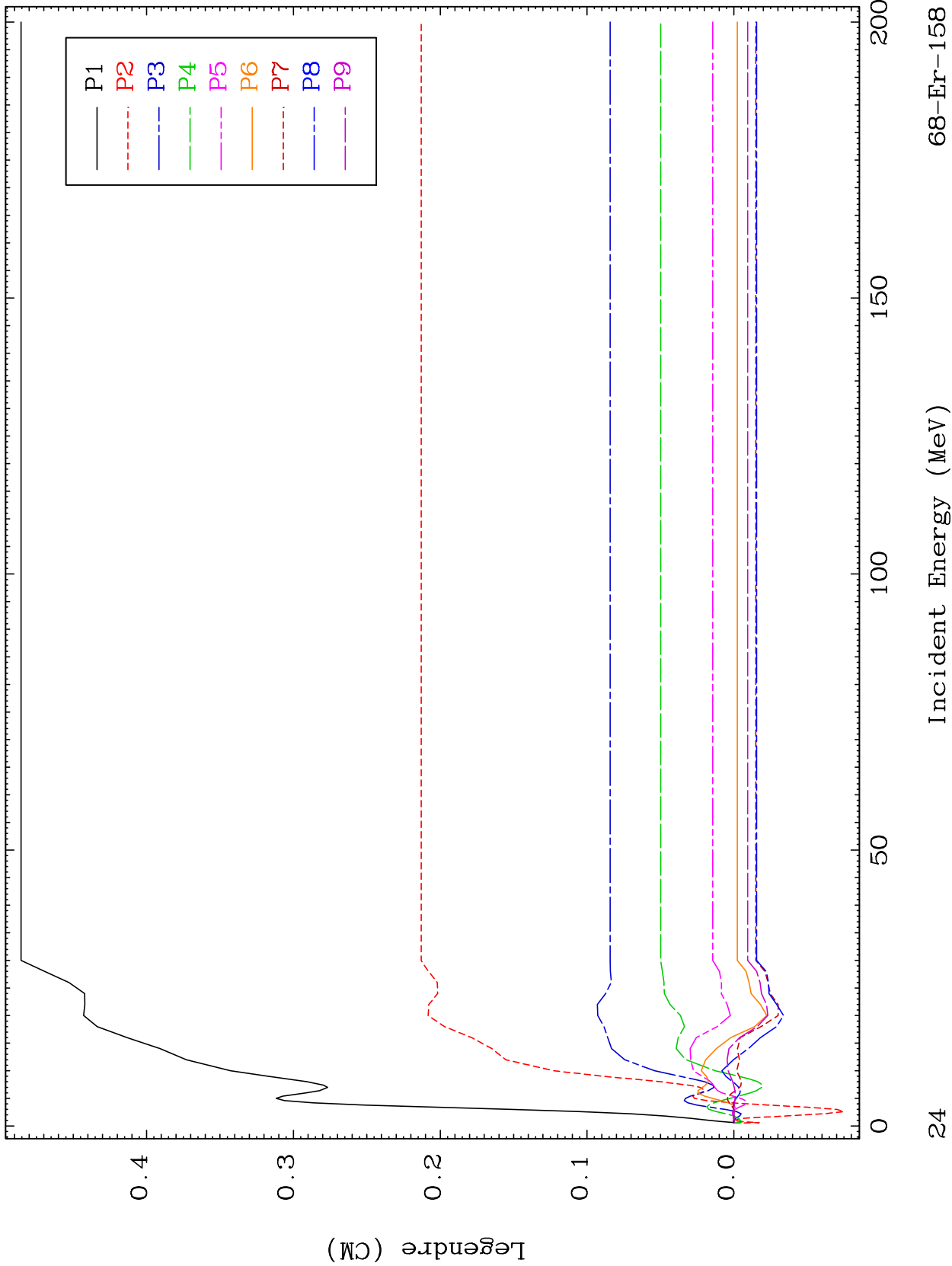
23



MAT 6813

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

68-Er-158



68-Er-158

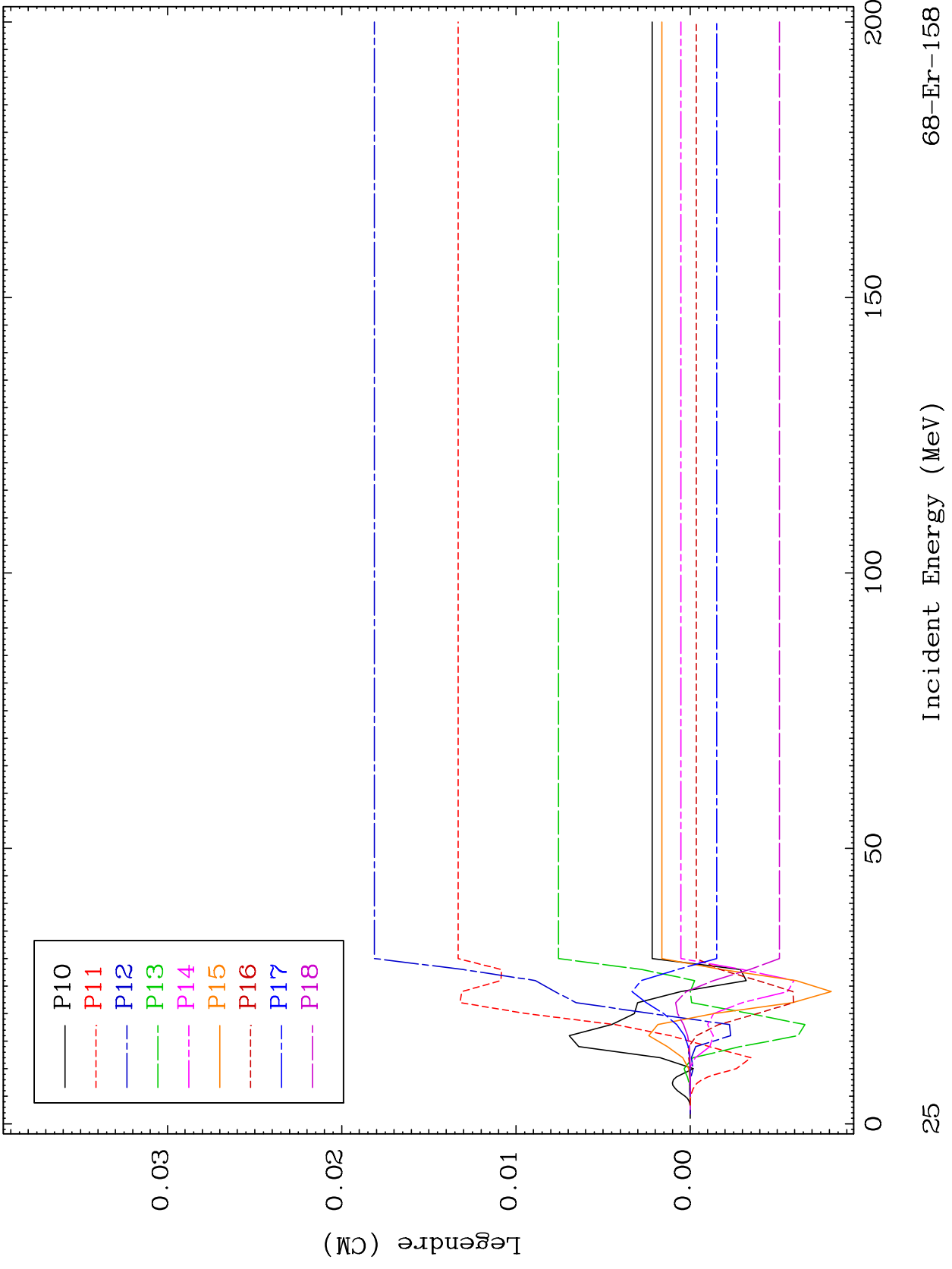
Incident Energy (MeV)

24

MAT 6813

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

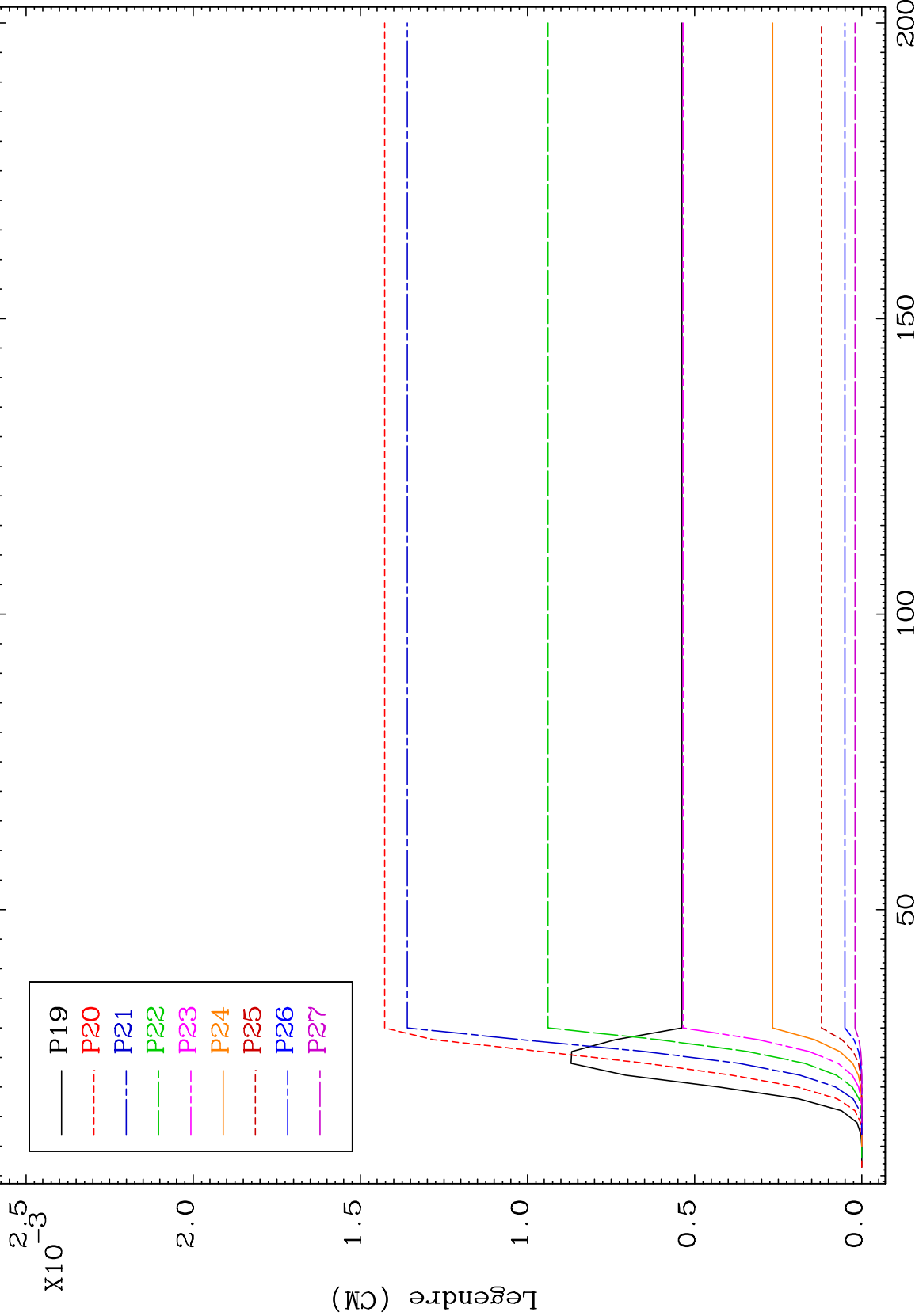
68-Er-158



68-Er-158

Incident Energy (MeV)

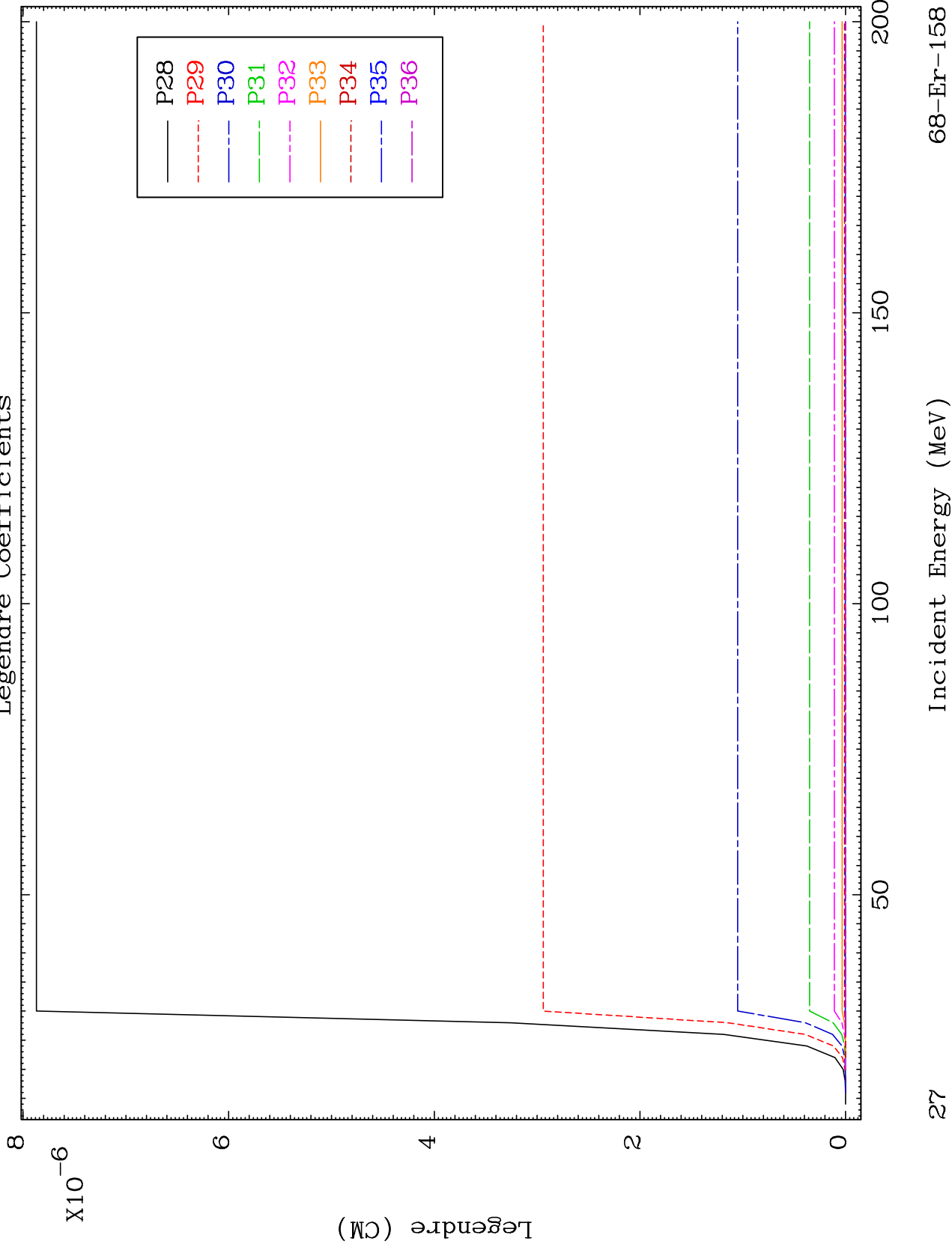
25



MAT 6813

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

68-Er-158

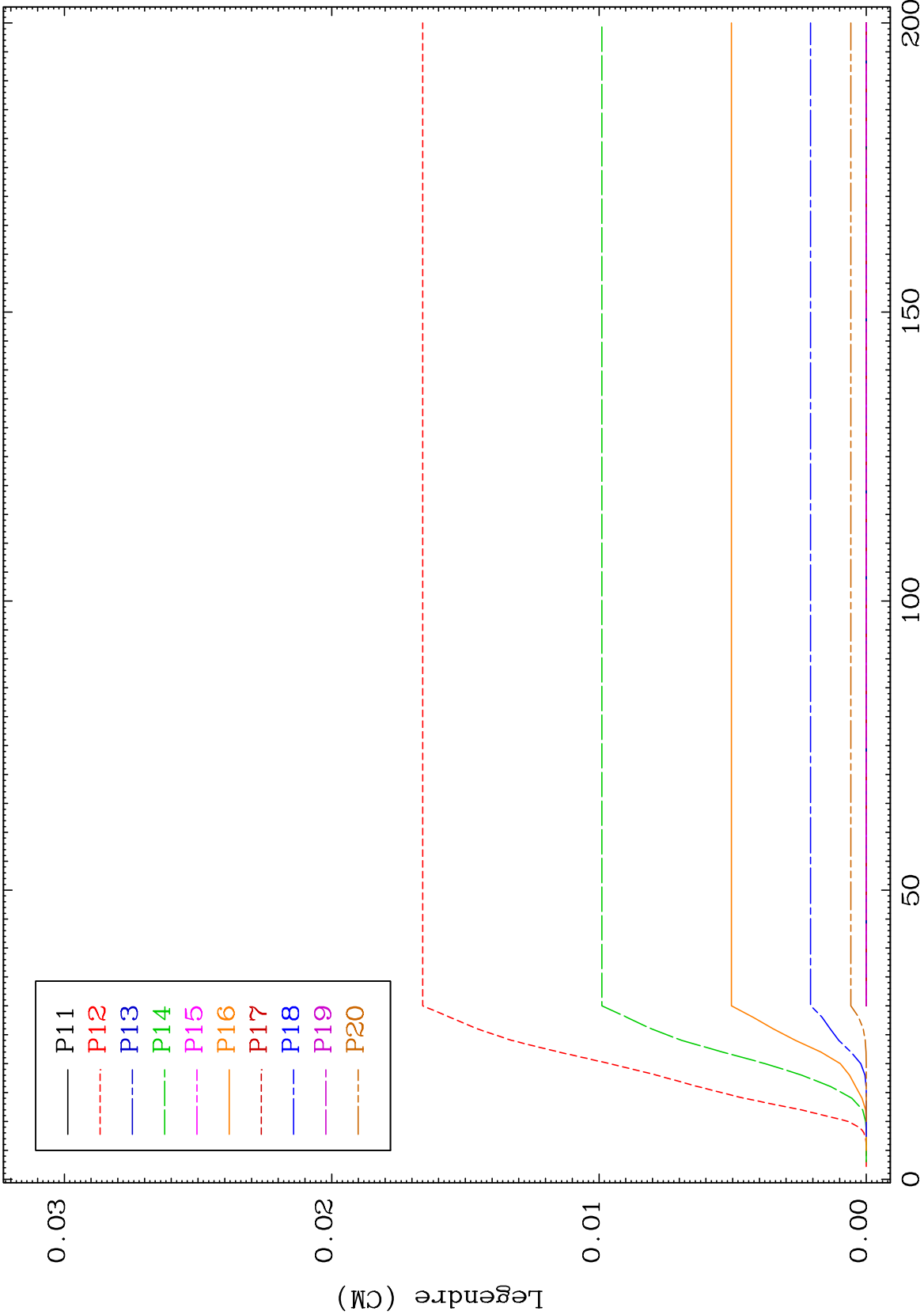




MAT 6813

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

68-Er-158



29

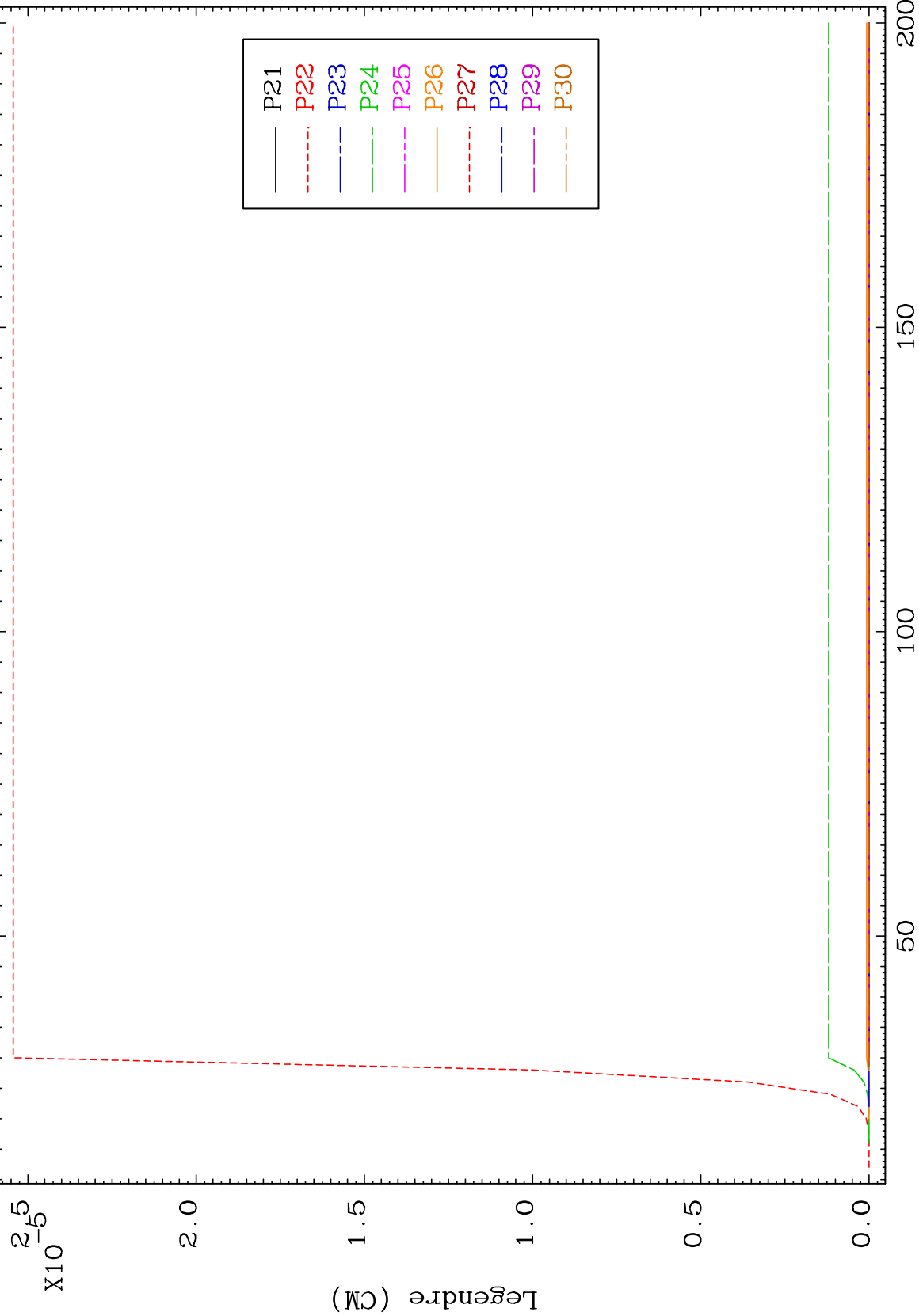
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



30

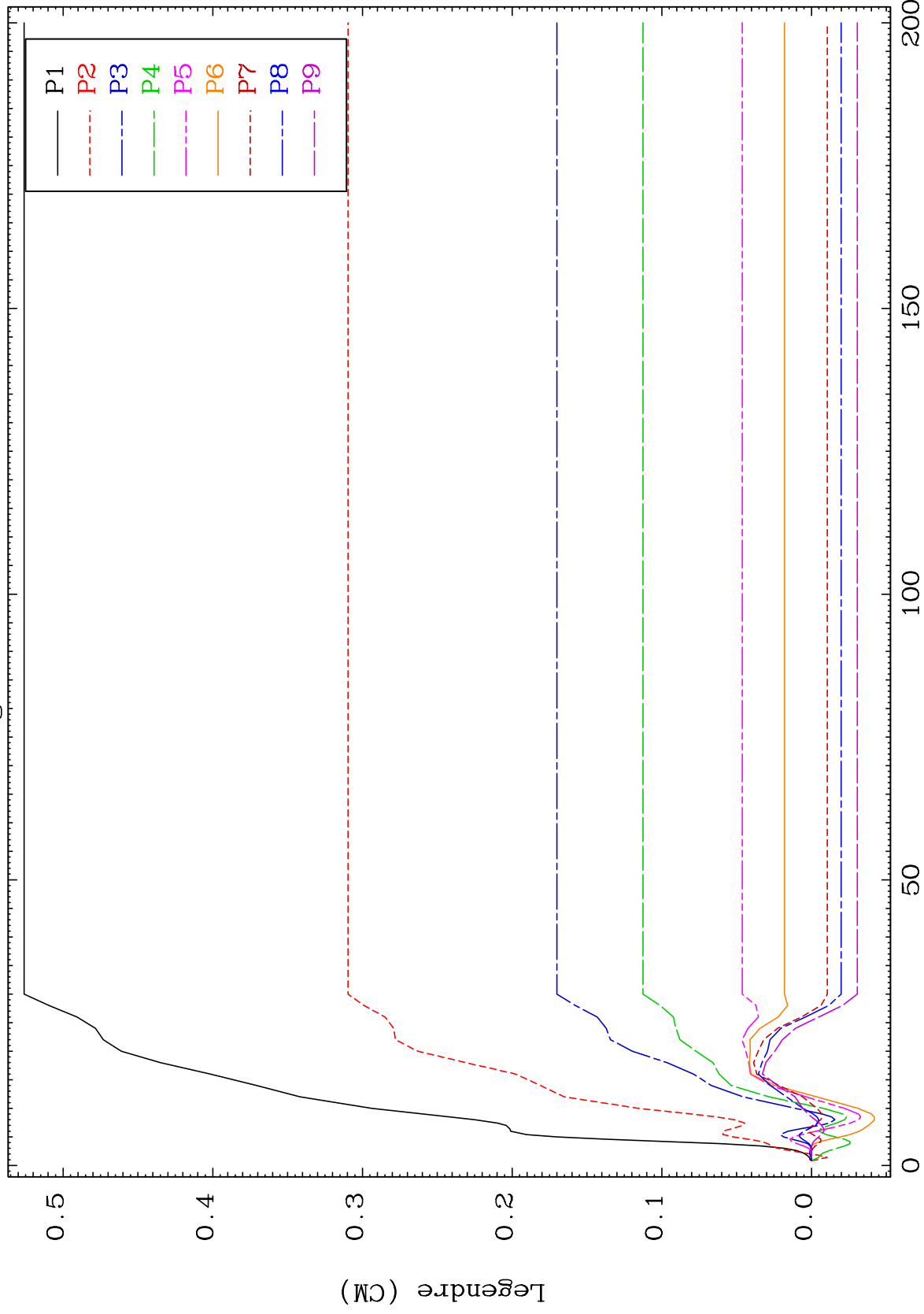
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



31

Incident Energy (MeV)

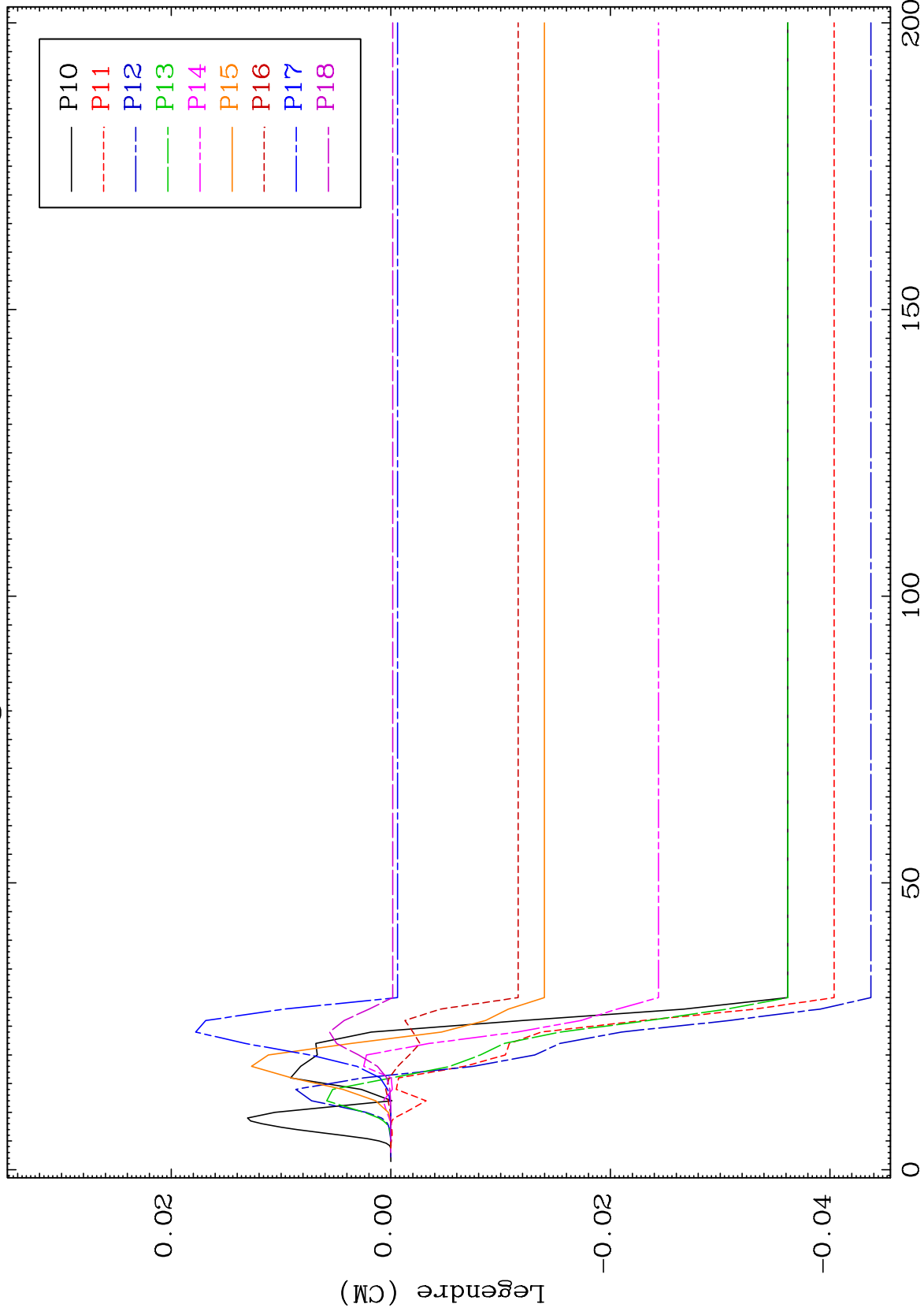
68-Er-158



MAT 6813

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

68-Er-158



32

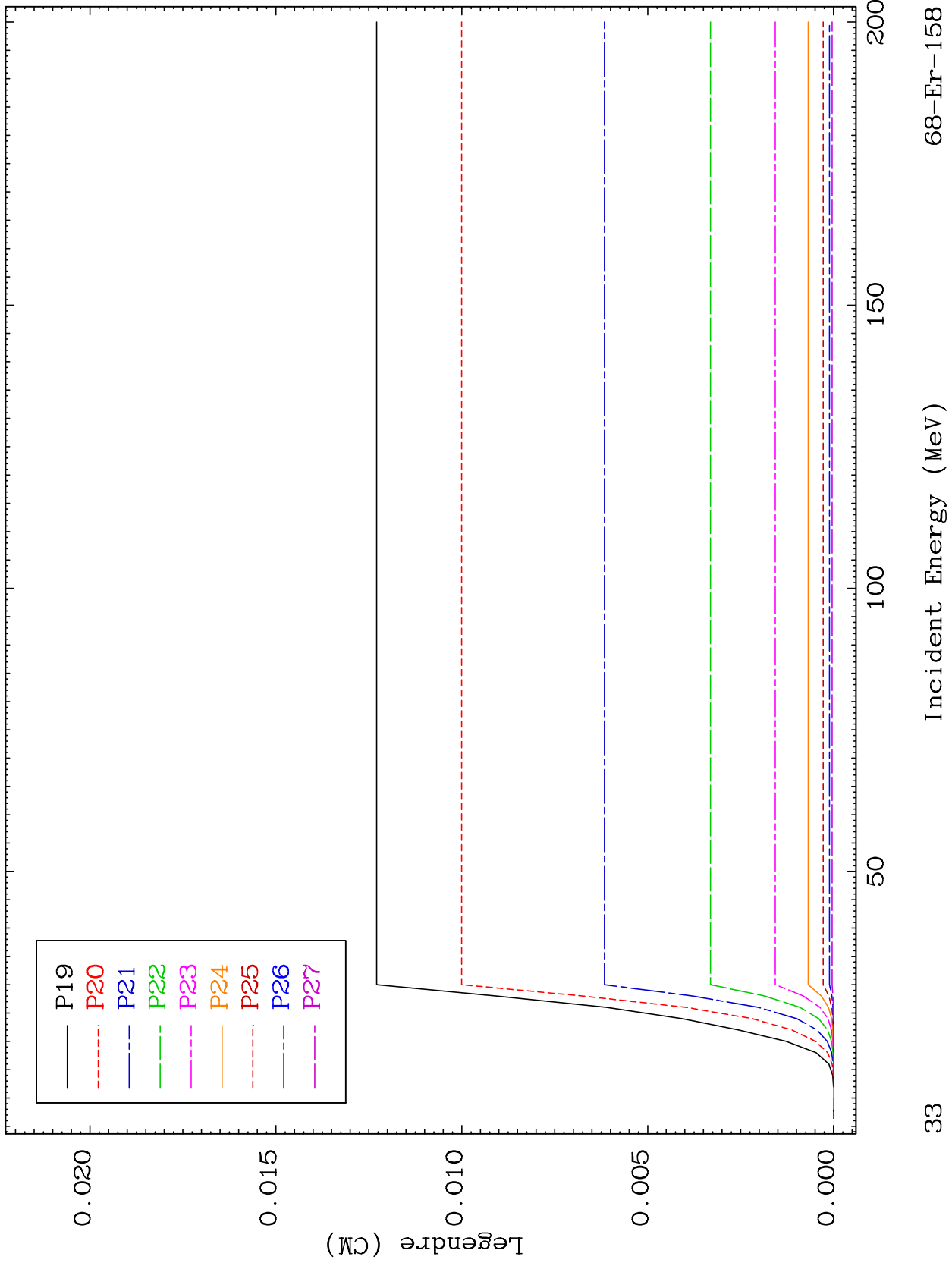
Incident Energy (MeV)

68-Er-158

MAT 6813

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

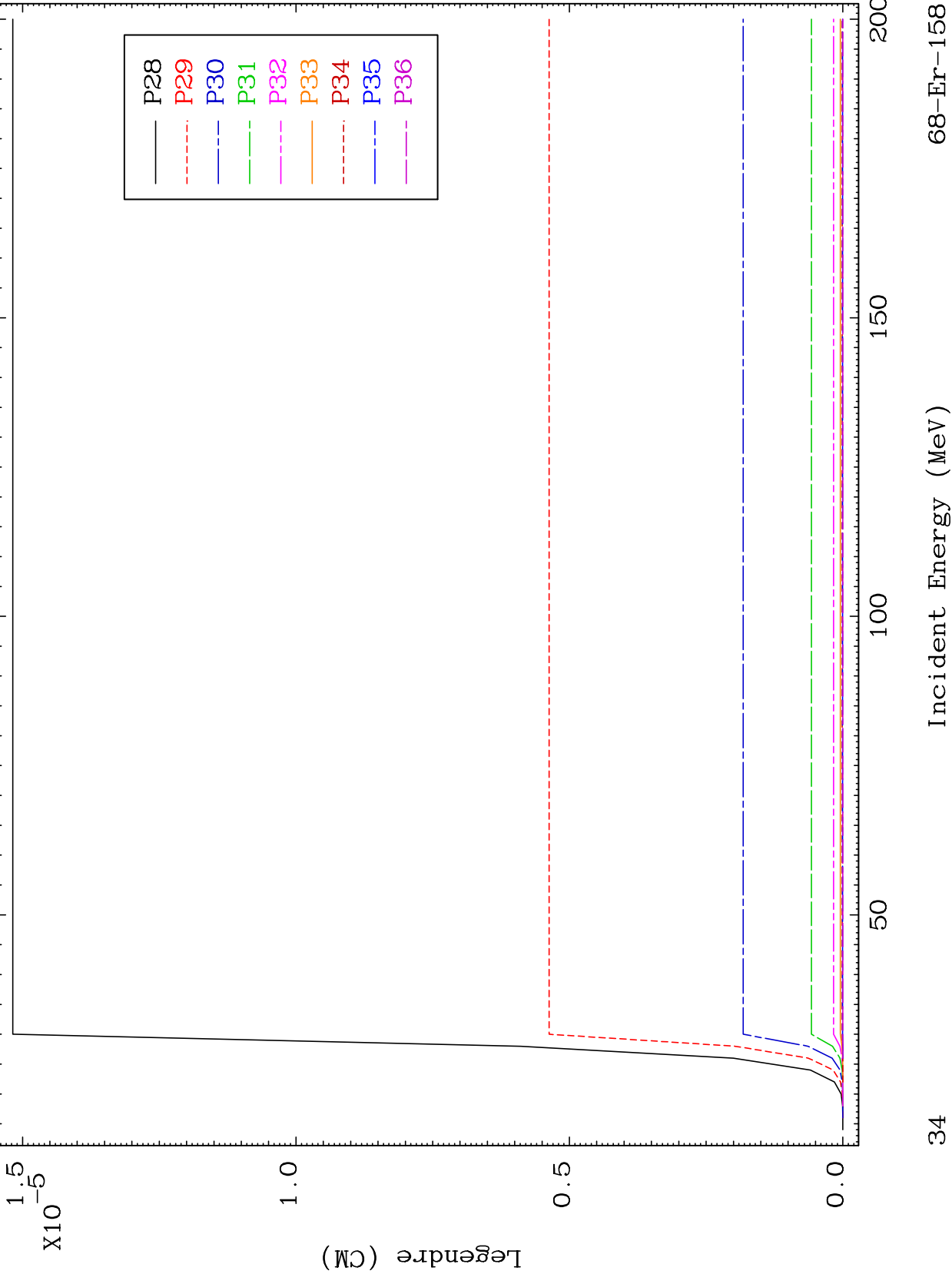
68-Er-158



MAT 6813

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

68-Er-158



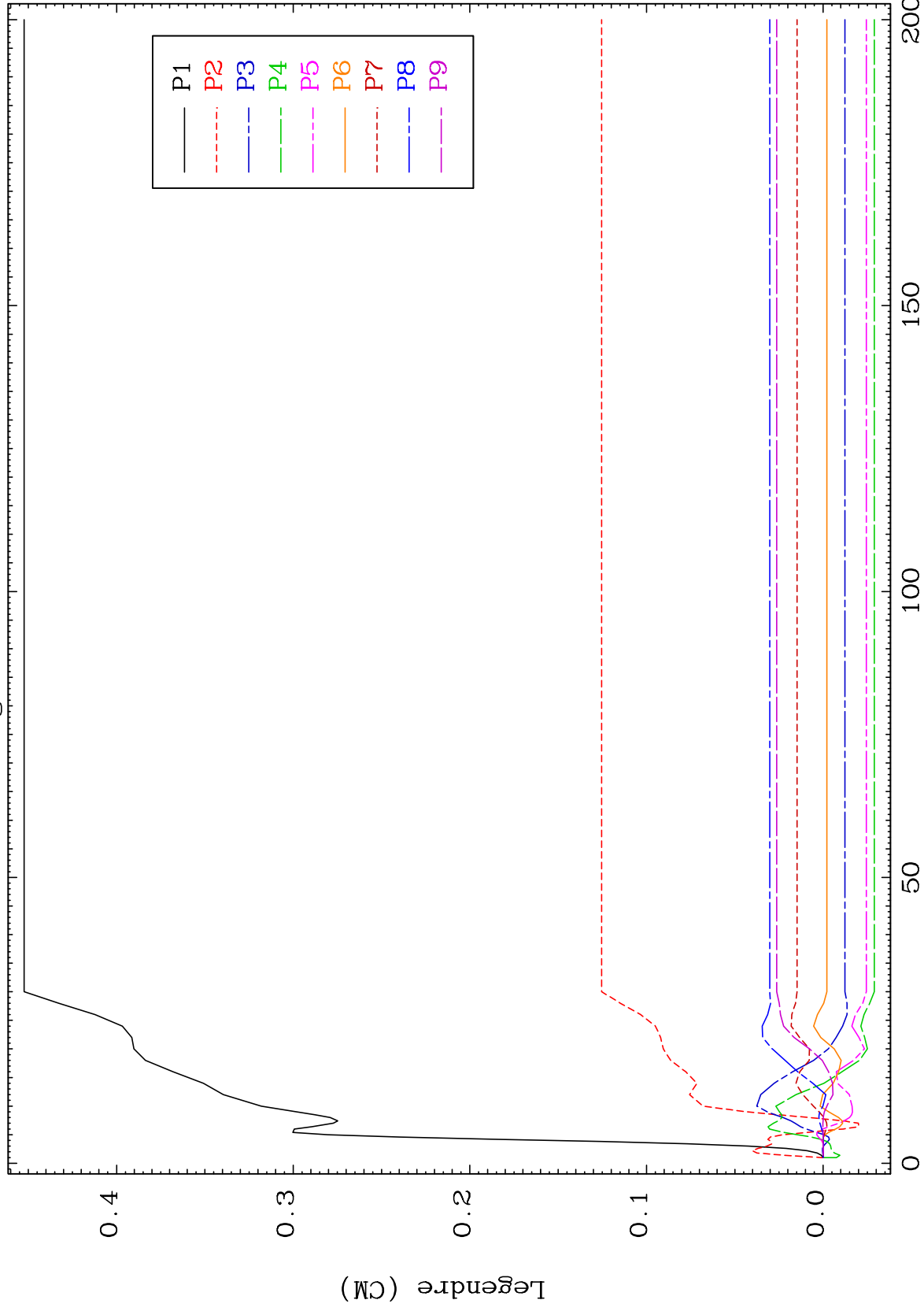
34

68-Er-158

MAT 6813

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

68-Er-158



68-Er-158

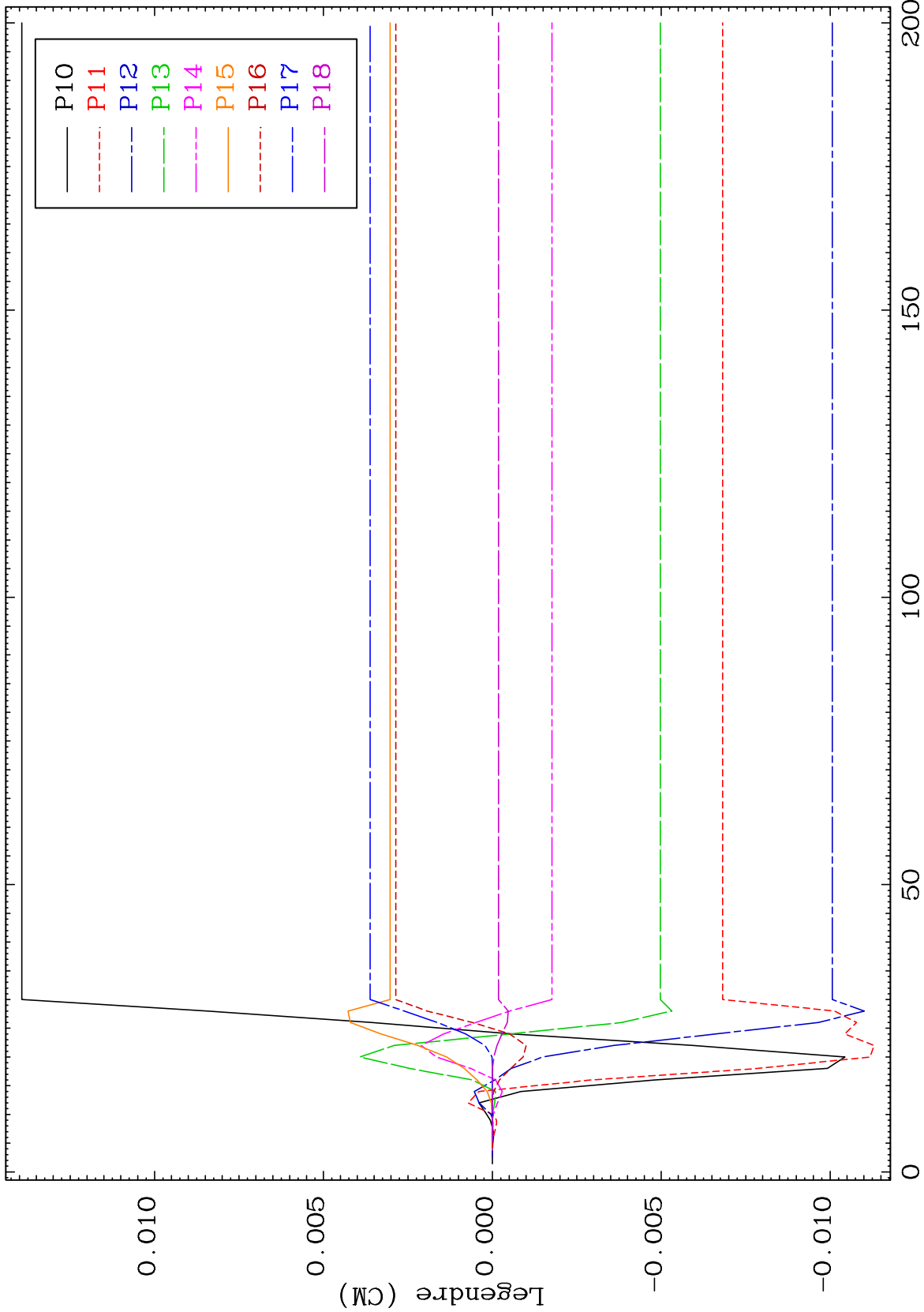
Incident Energy (MeV)

35

MAT 6813

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

68-Er-158



36

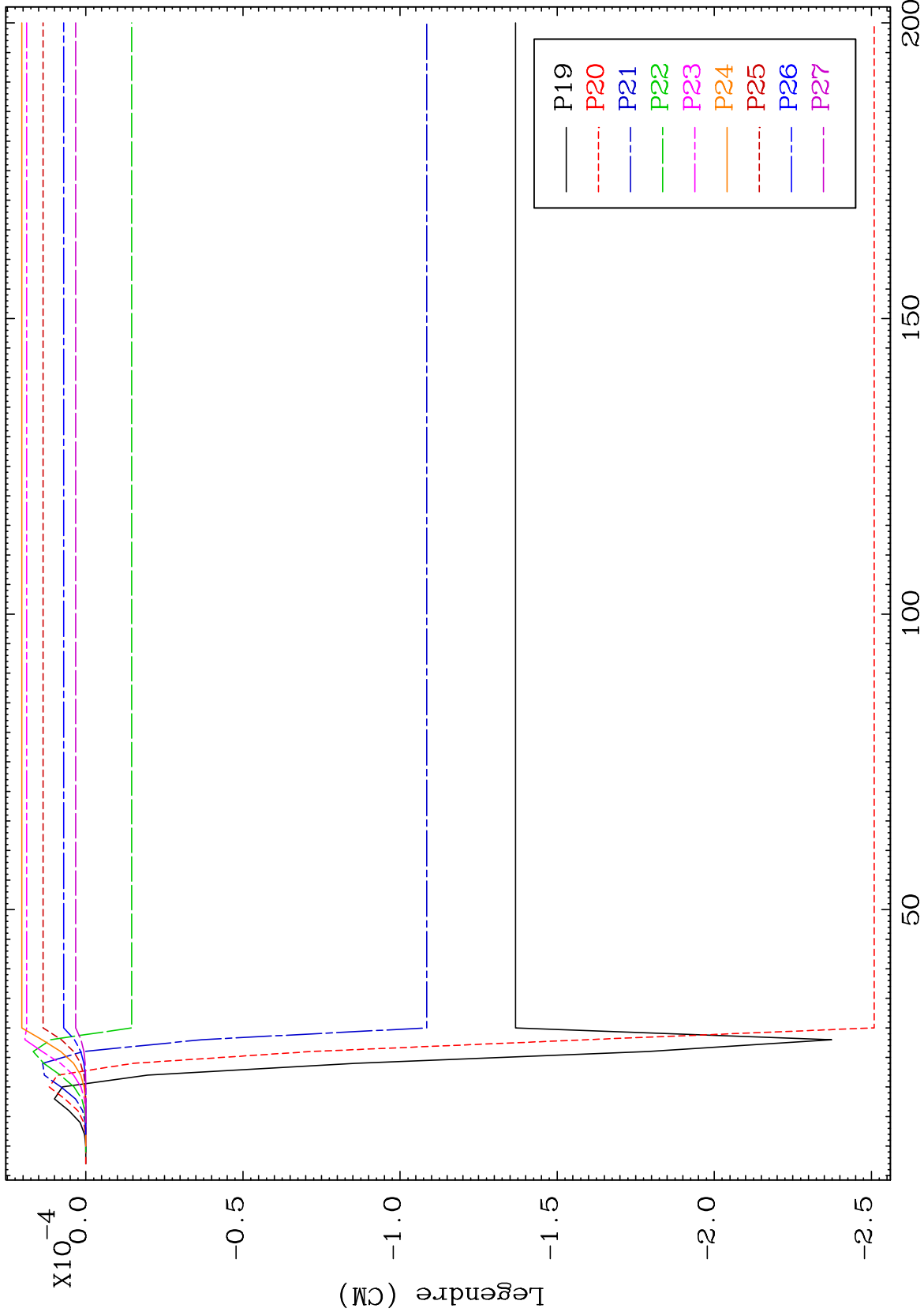
Incident Energy (MeV)

68-Er-158

MAT 6813

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

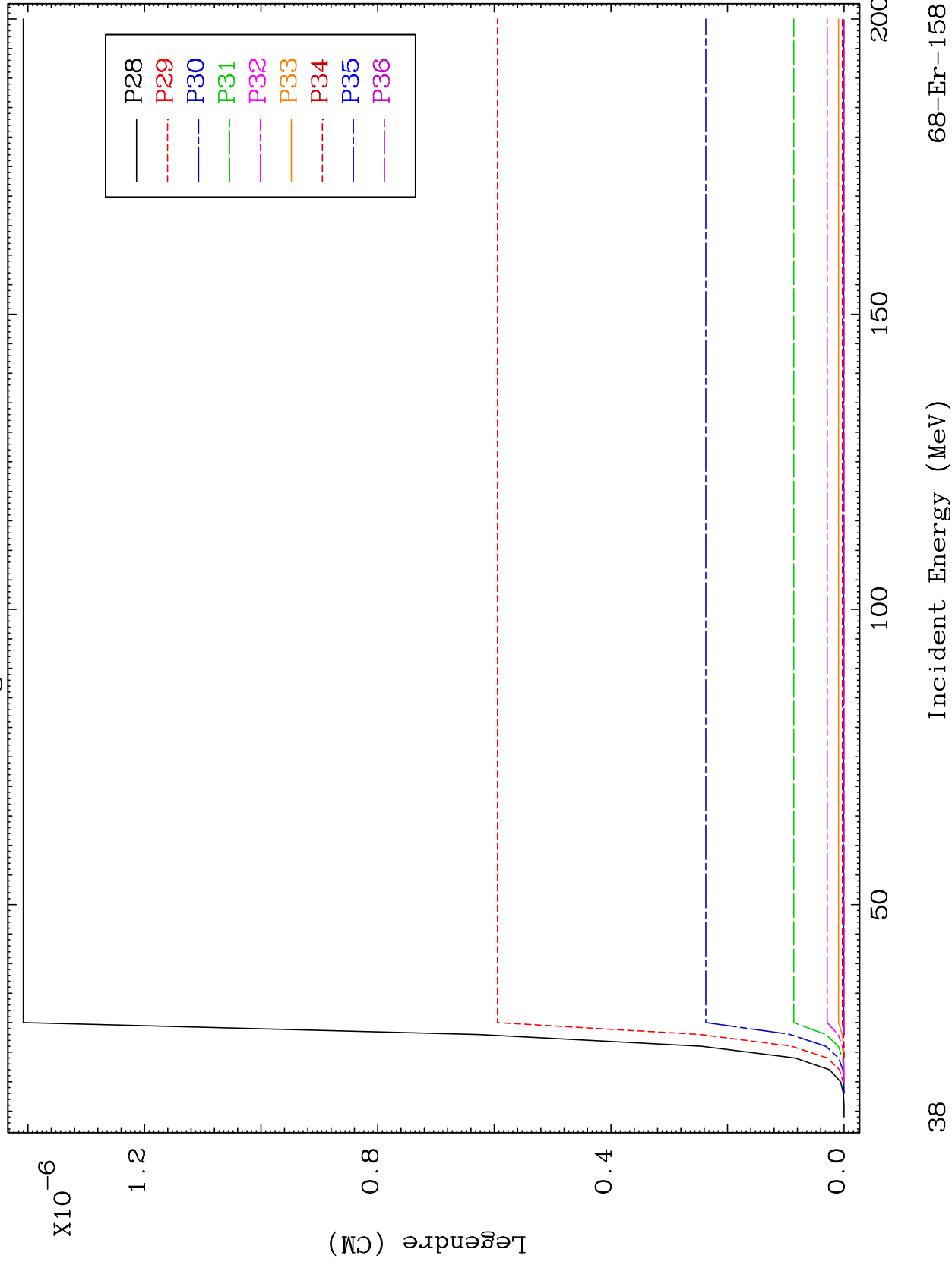
68-Er-158



MAT 6813

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

68-Er-158



38

Incident Energy (MeV)

68-Er-158

200

150

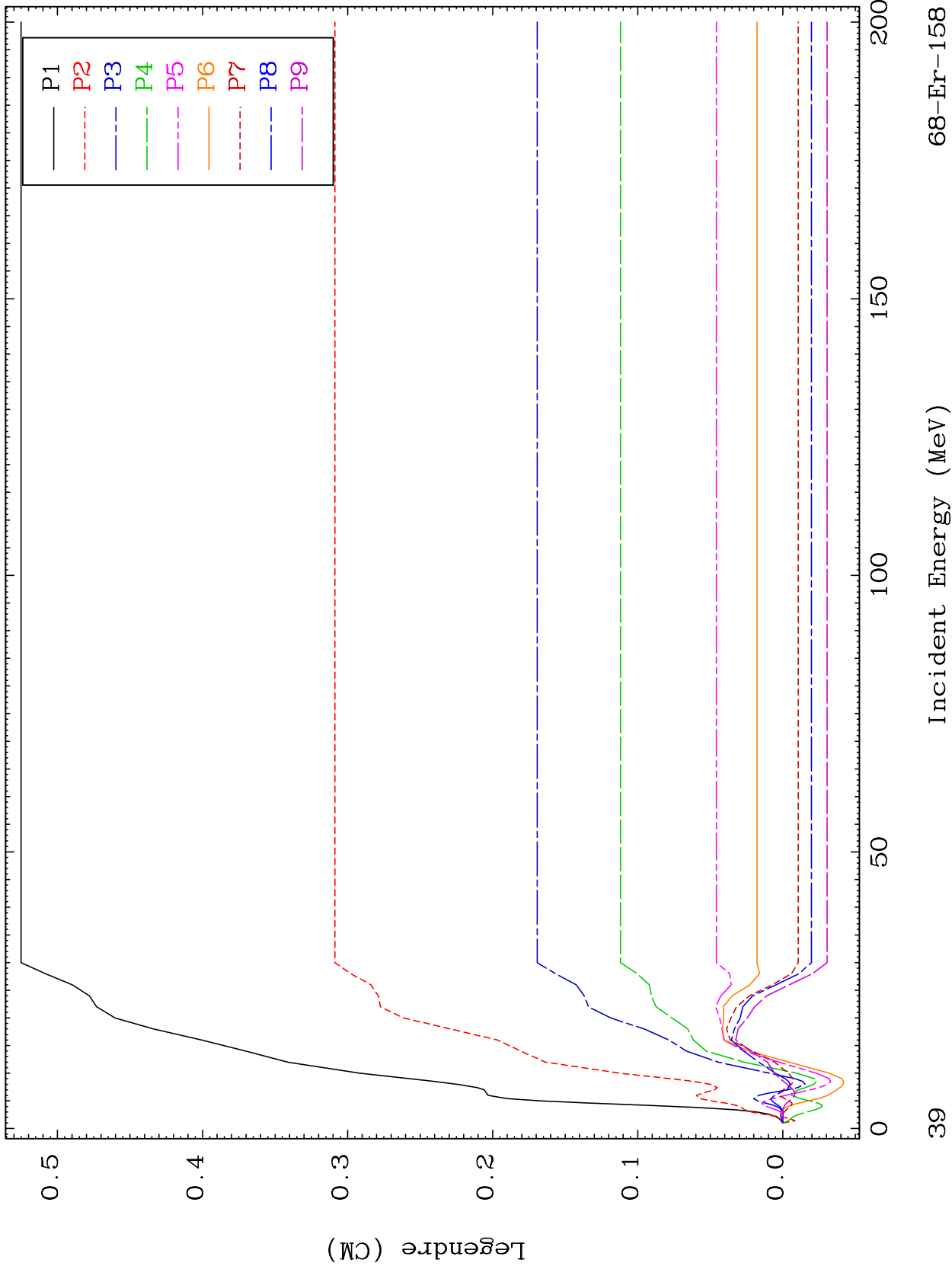
100

50

MAT 6813

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

68-Er-158



39

Incident Energy (MeV)

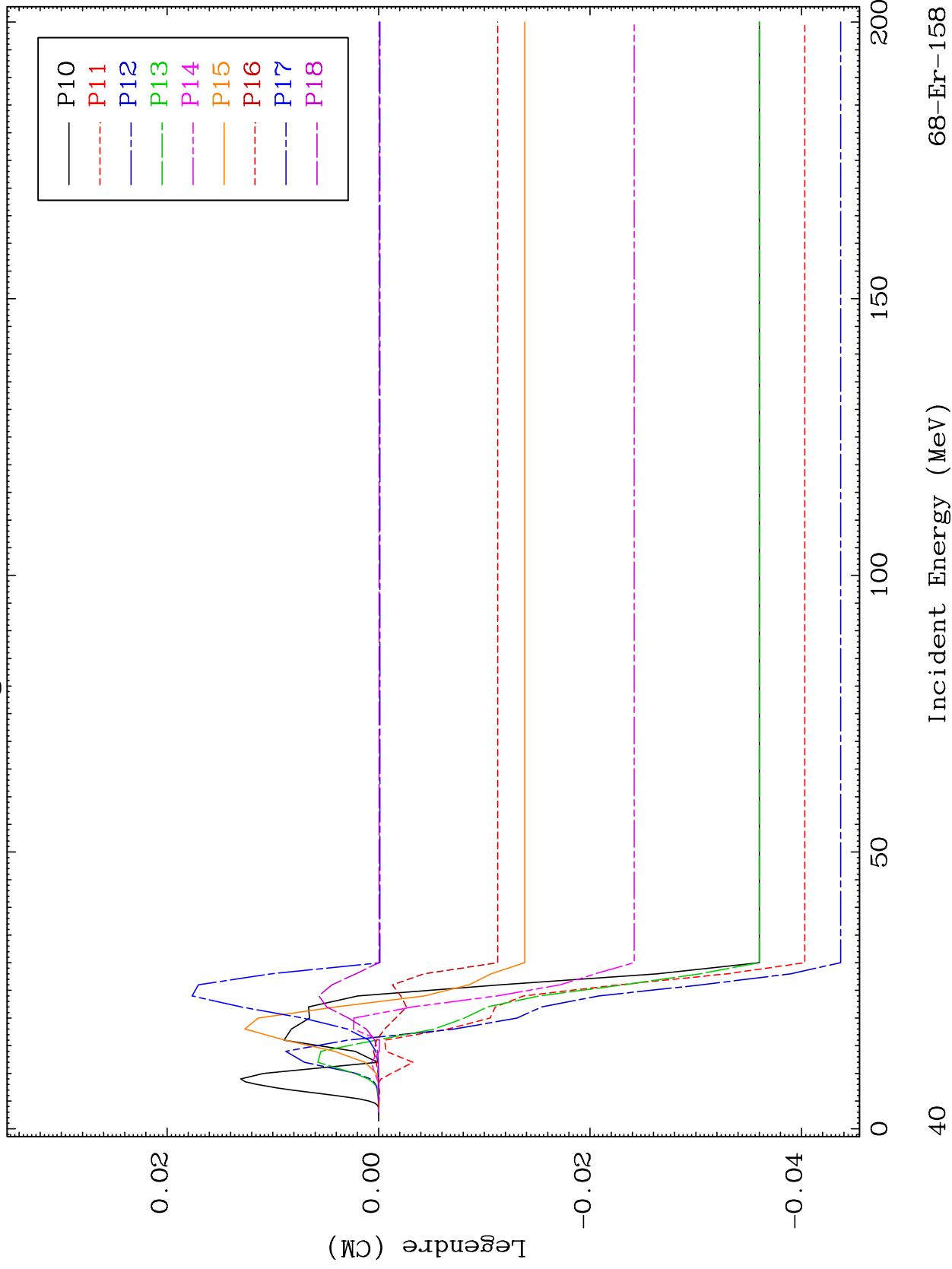
68-Er-158



MAT 6813

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

68-Er-158



68-Er-158

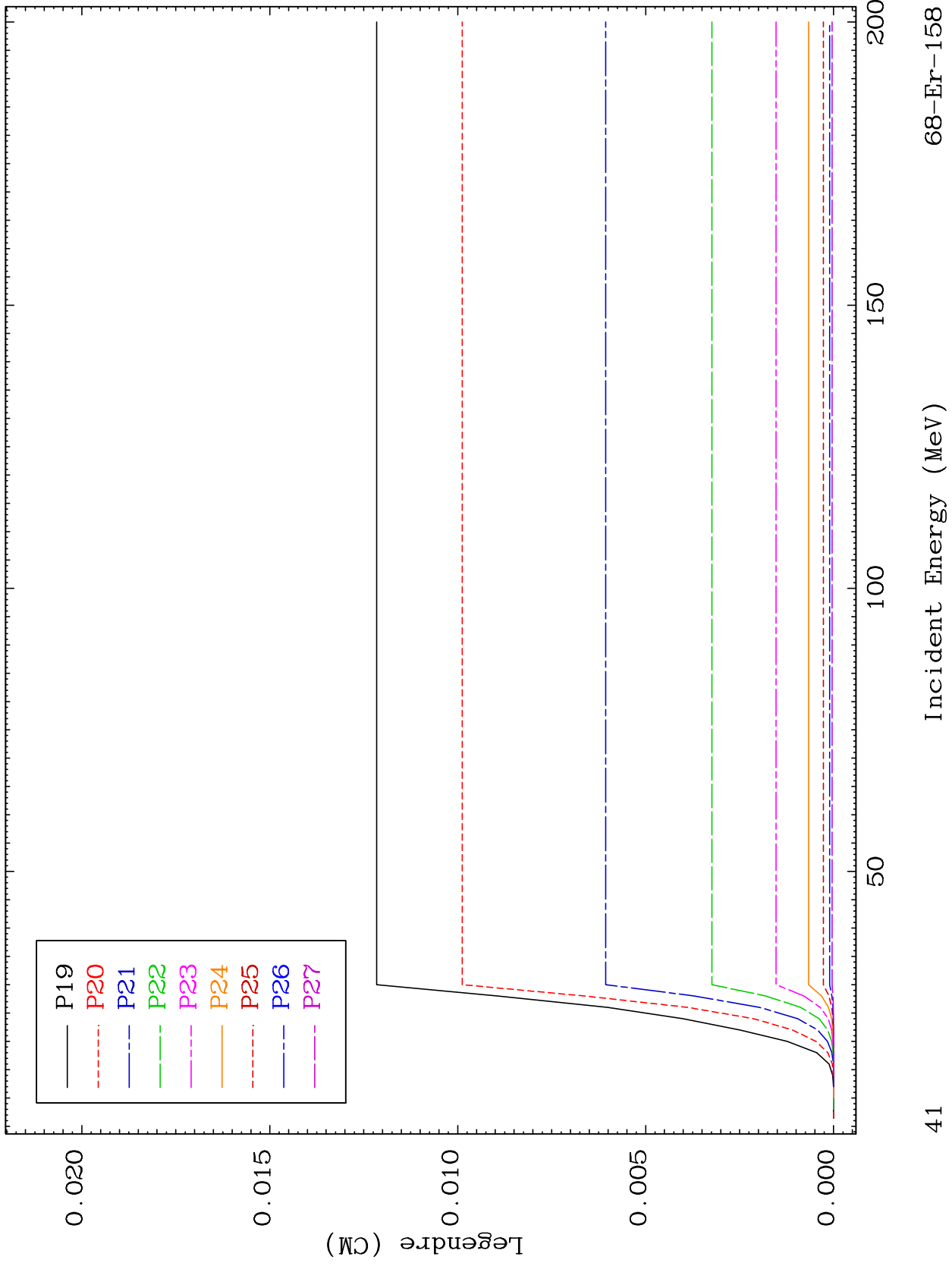
Incident Energy (MeV)

40

MAT 6813

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

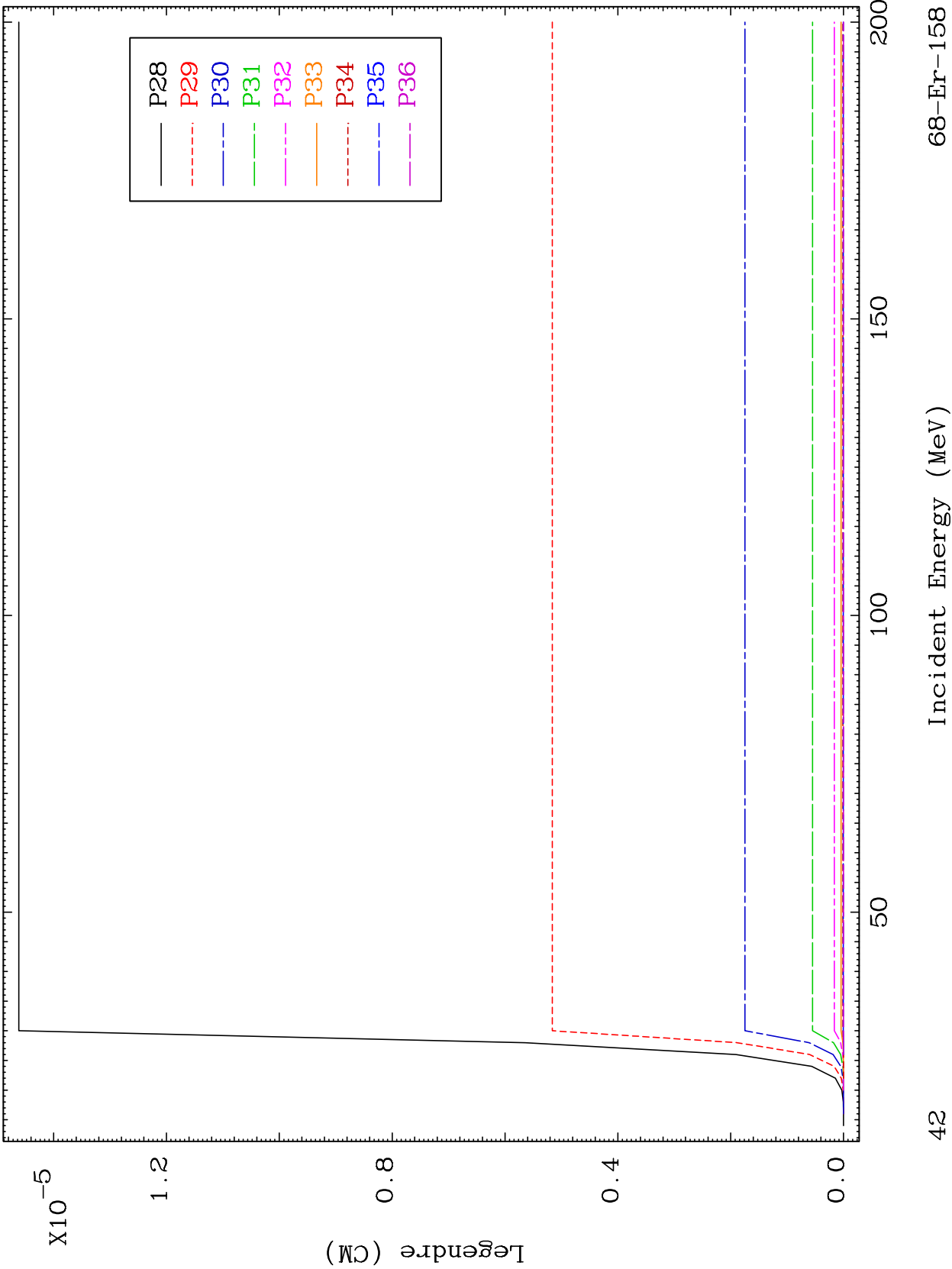
68-Er-158



MAT 6813

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

68-Er-158



42

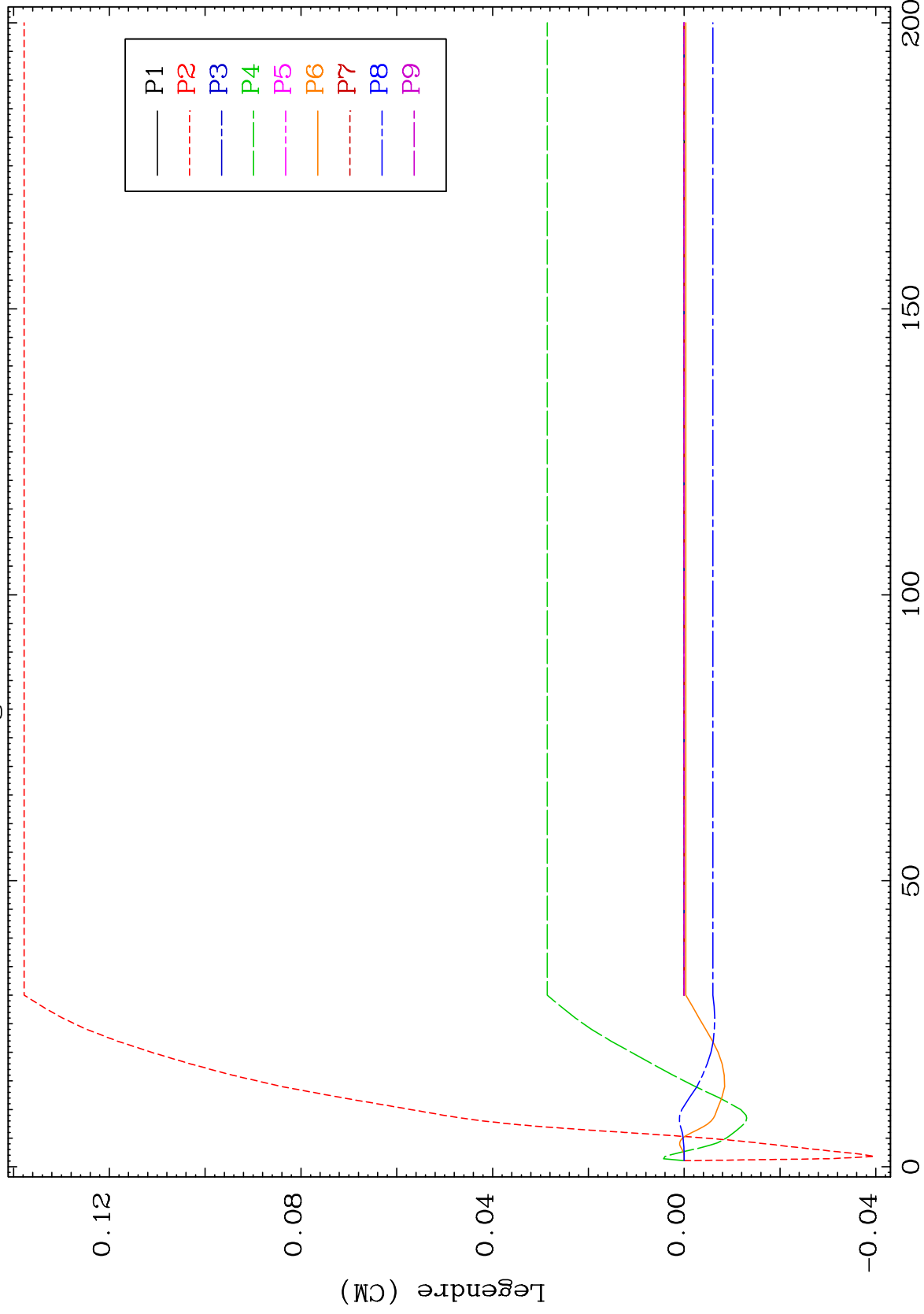
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



68-Er-158

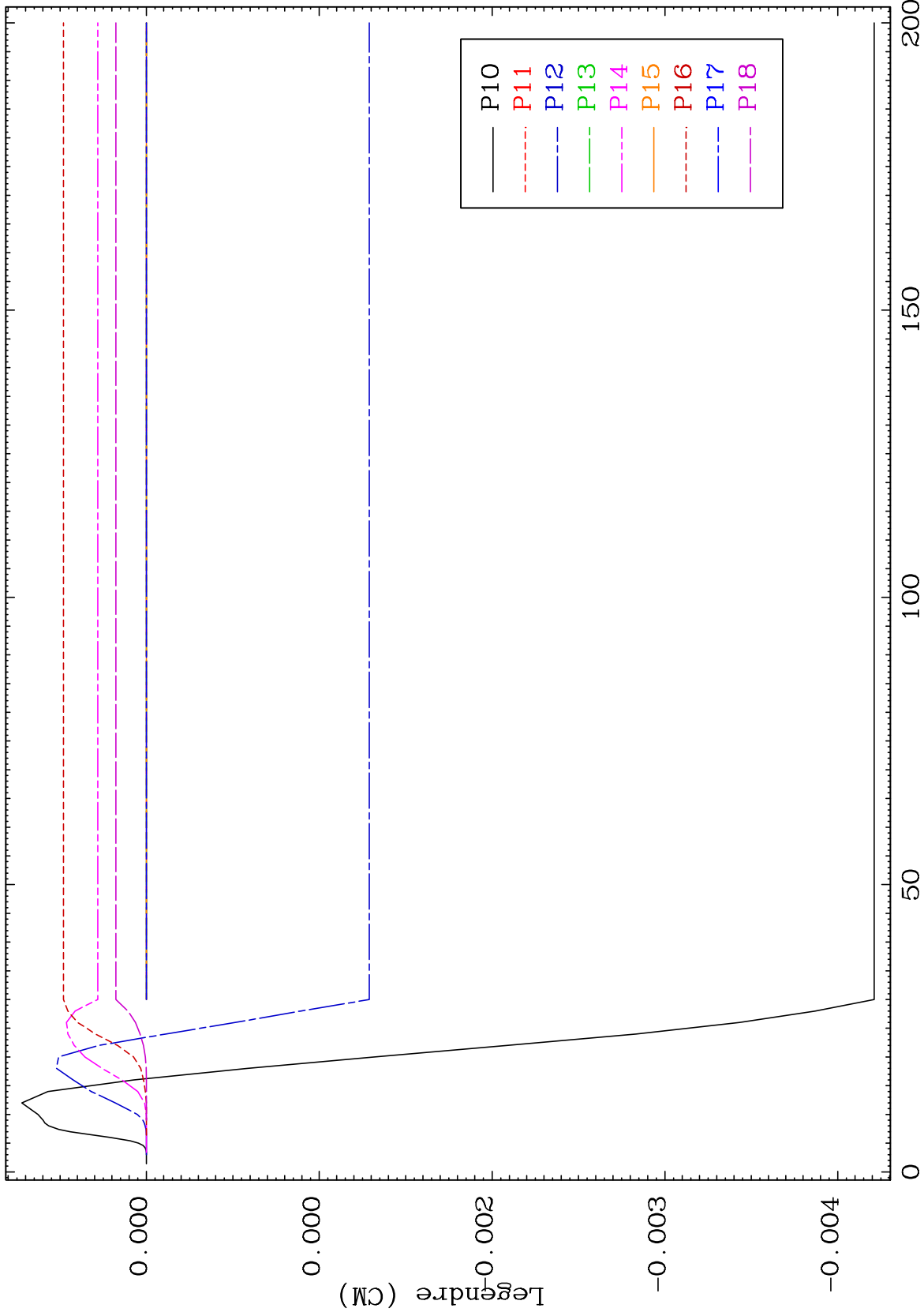
Incident Energy (MeV)

43

MAT 6813

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

68-Er-158



44

Incident Energy (MeV)

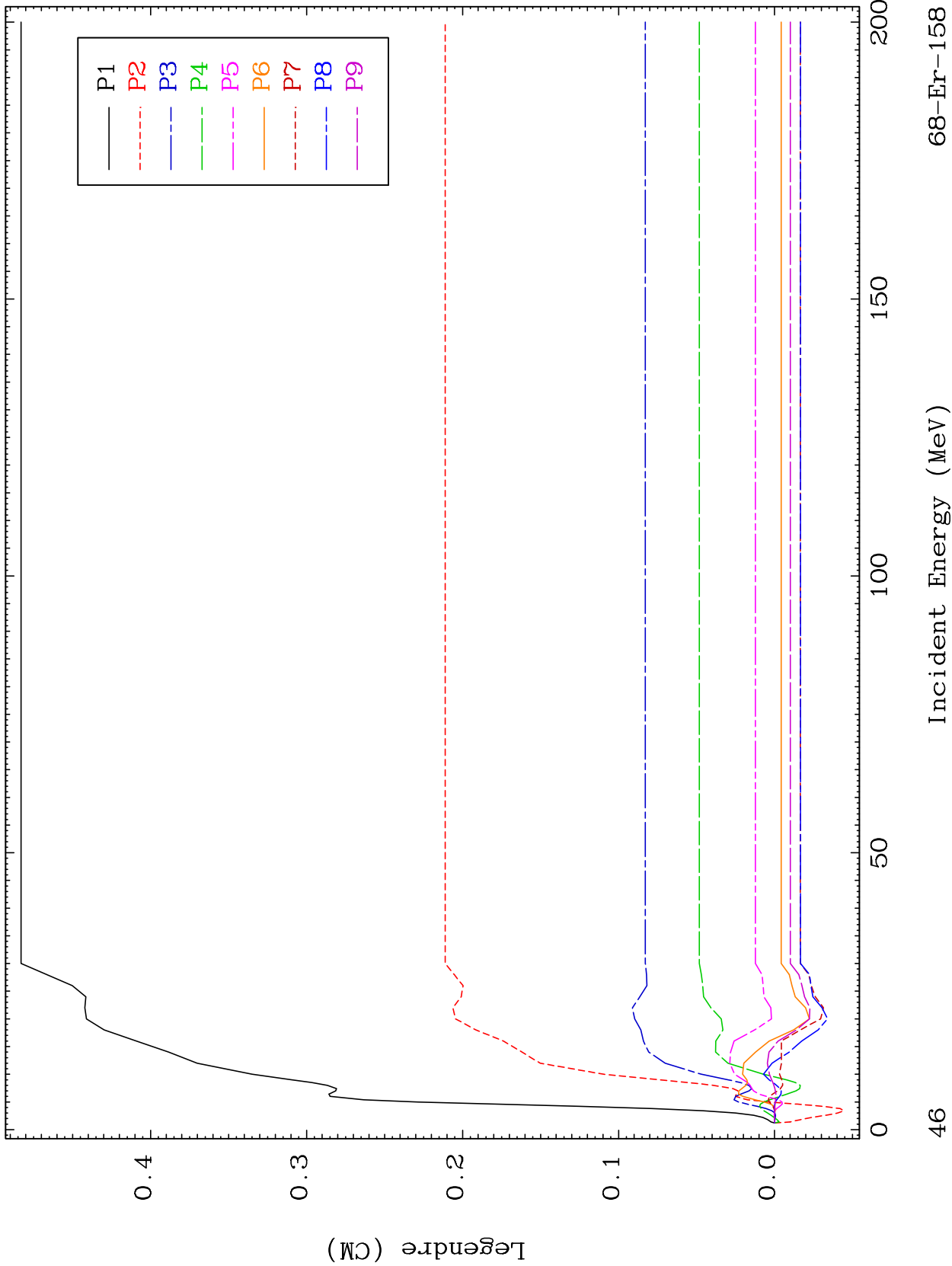
68-Er-158



MAT 6813

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

68-Er-158



68-Er-158

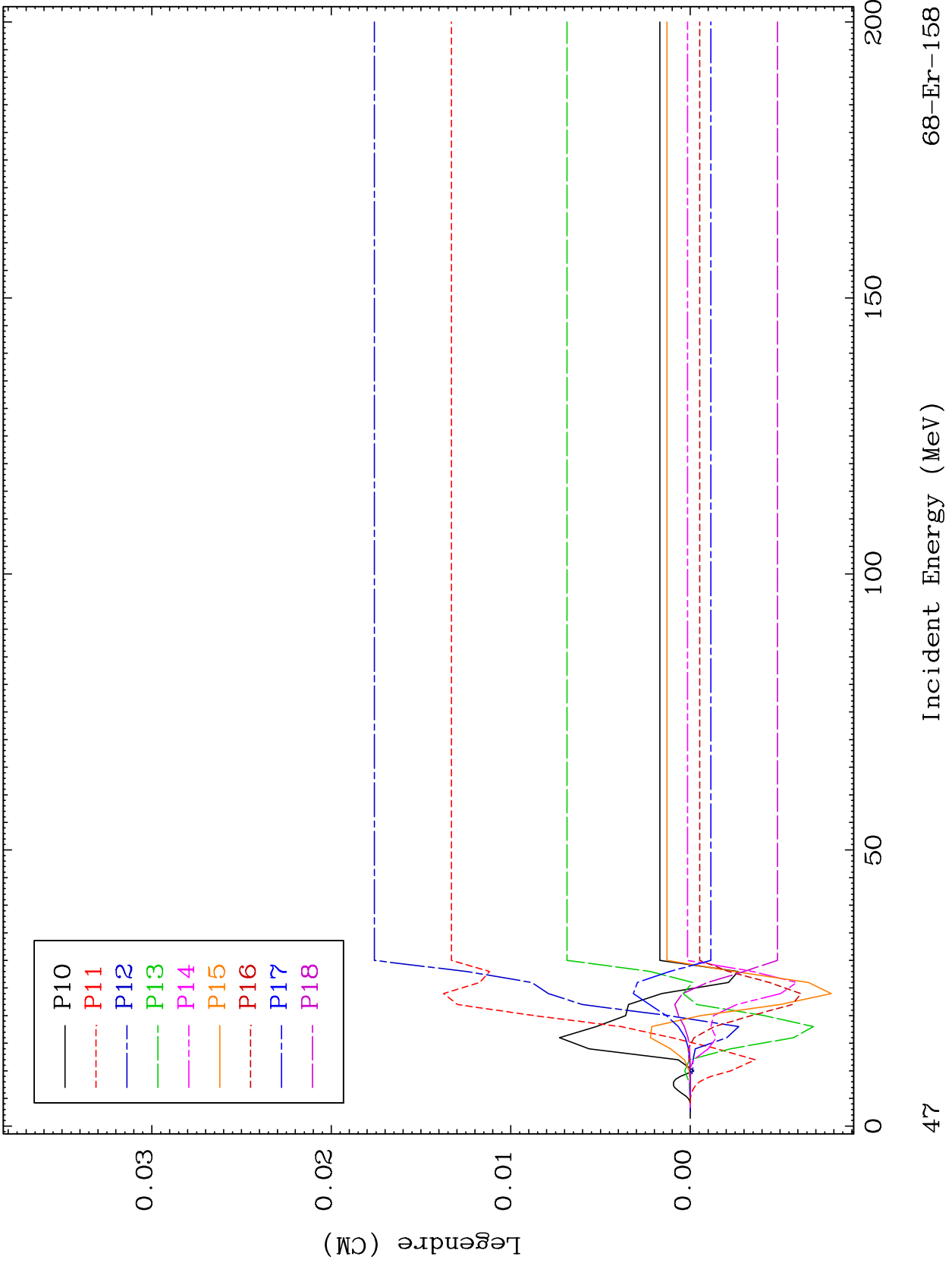
Incident Energy (MeV)

46

MAT 6813

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

68-Er-158

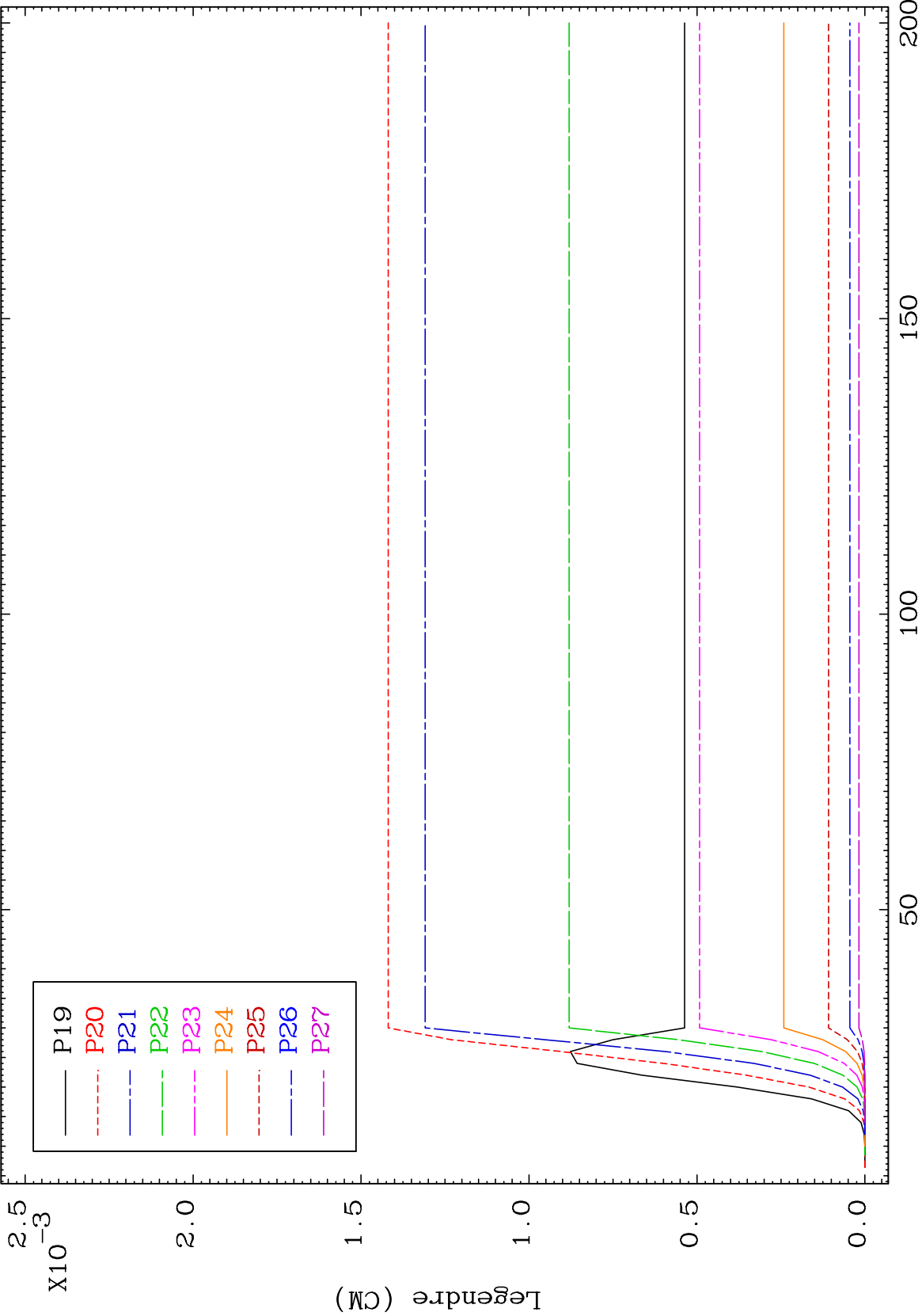


47

Incident Energy (MeV)

68-Er-158

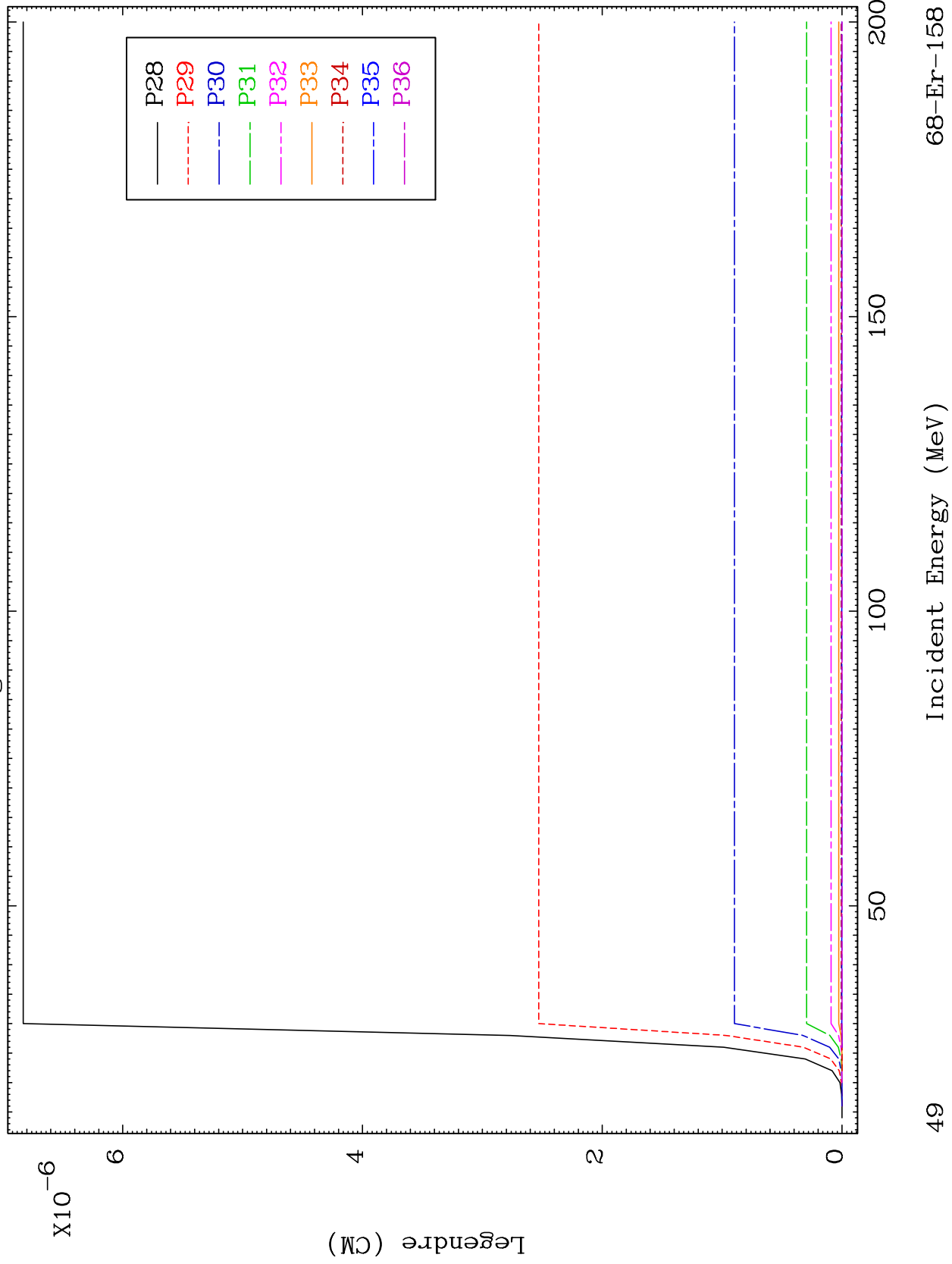




MAT 6813

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

68-Er-158



49

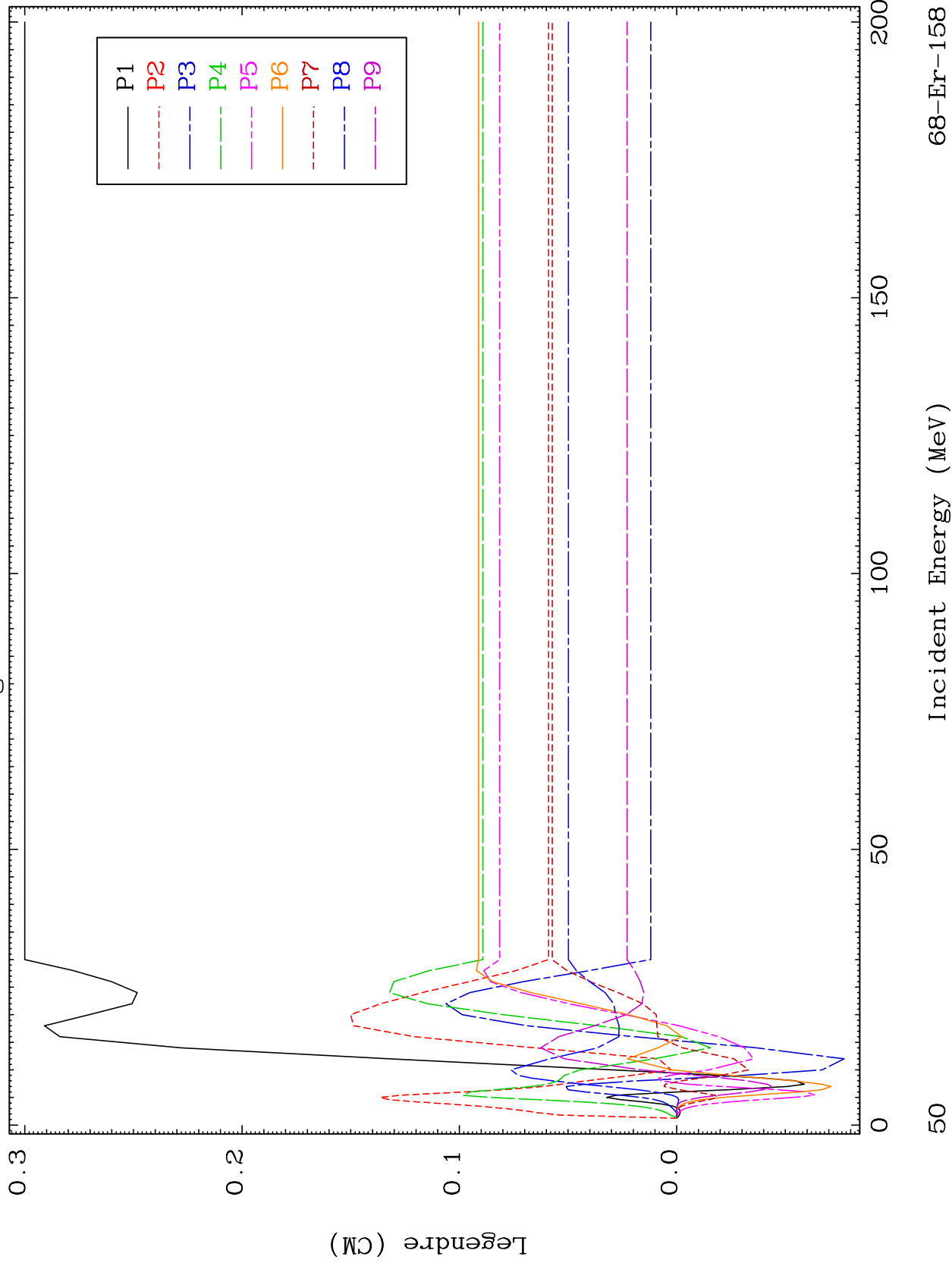
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



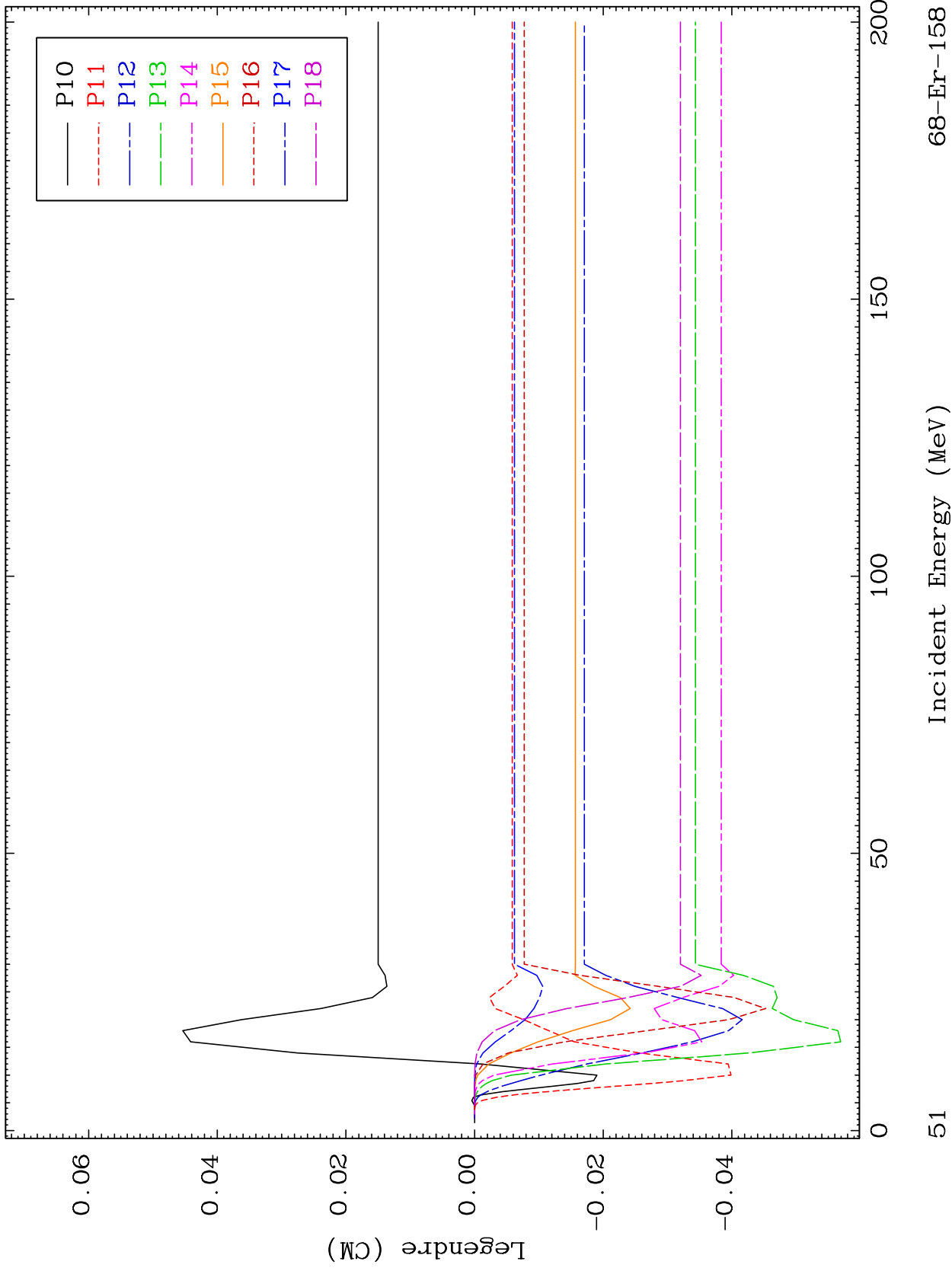
68-Er-158

Incident Energy (MeV)

MAT 6813

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

68-Er-158



51

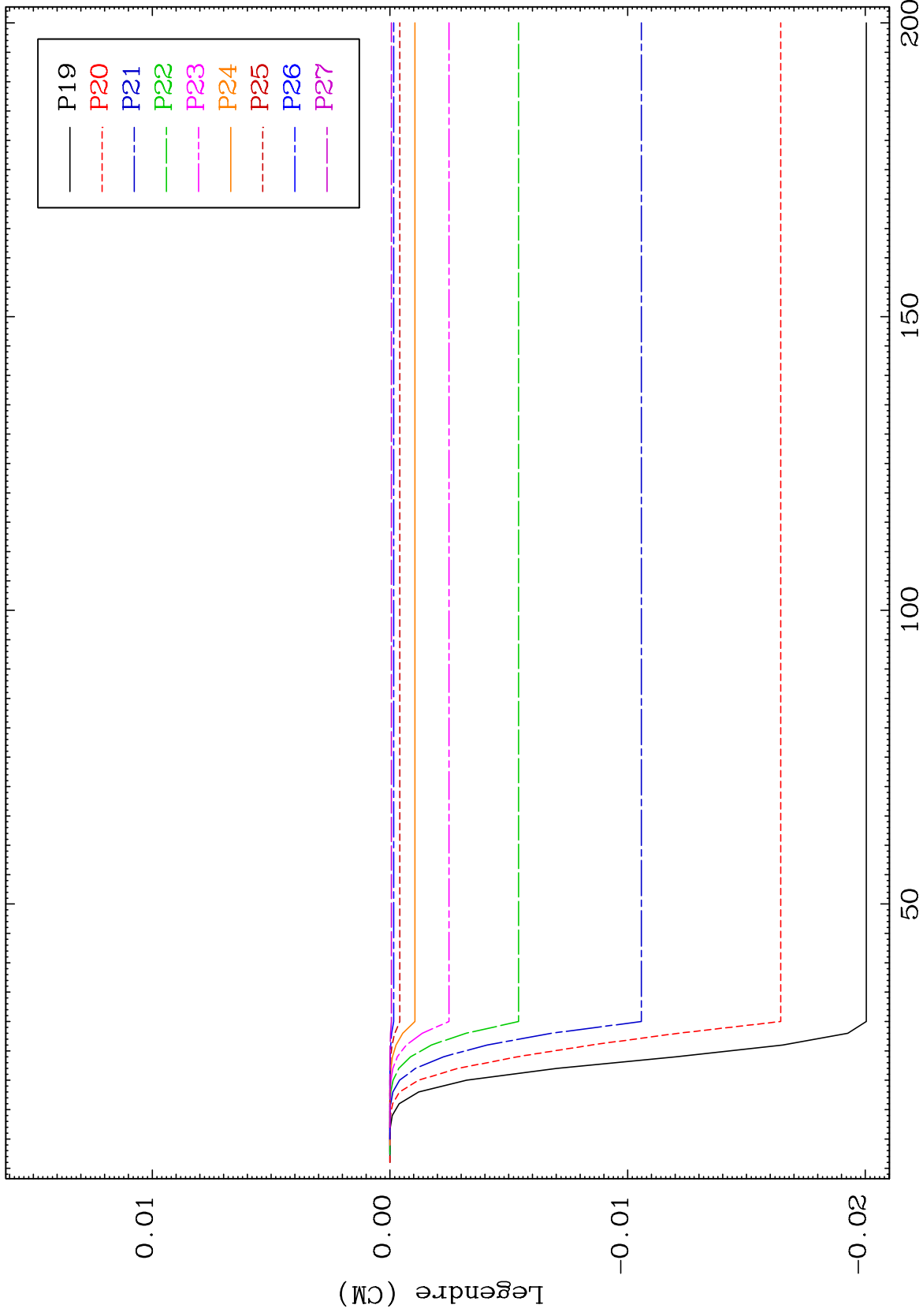
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



52

Incident Energy (MeV)

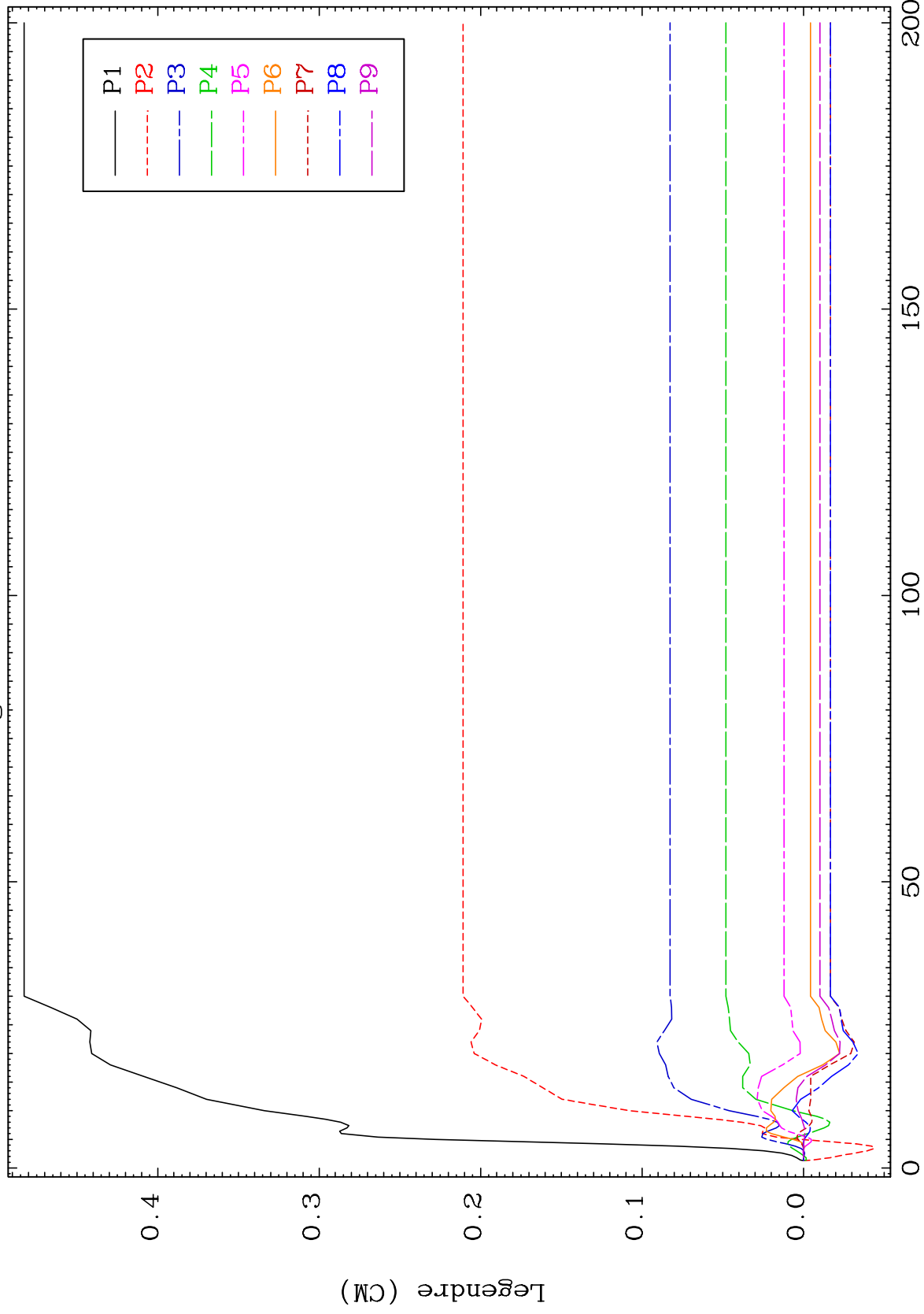
68-Er-158



MAT 6813

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

68-Er-158



54

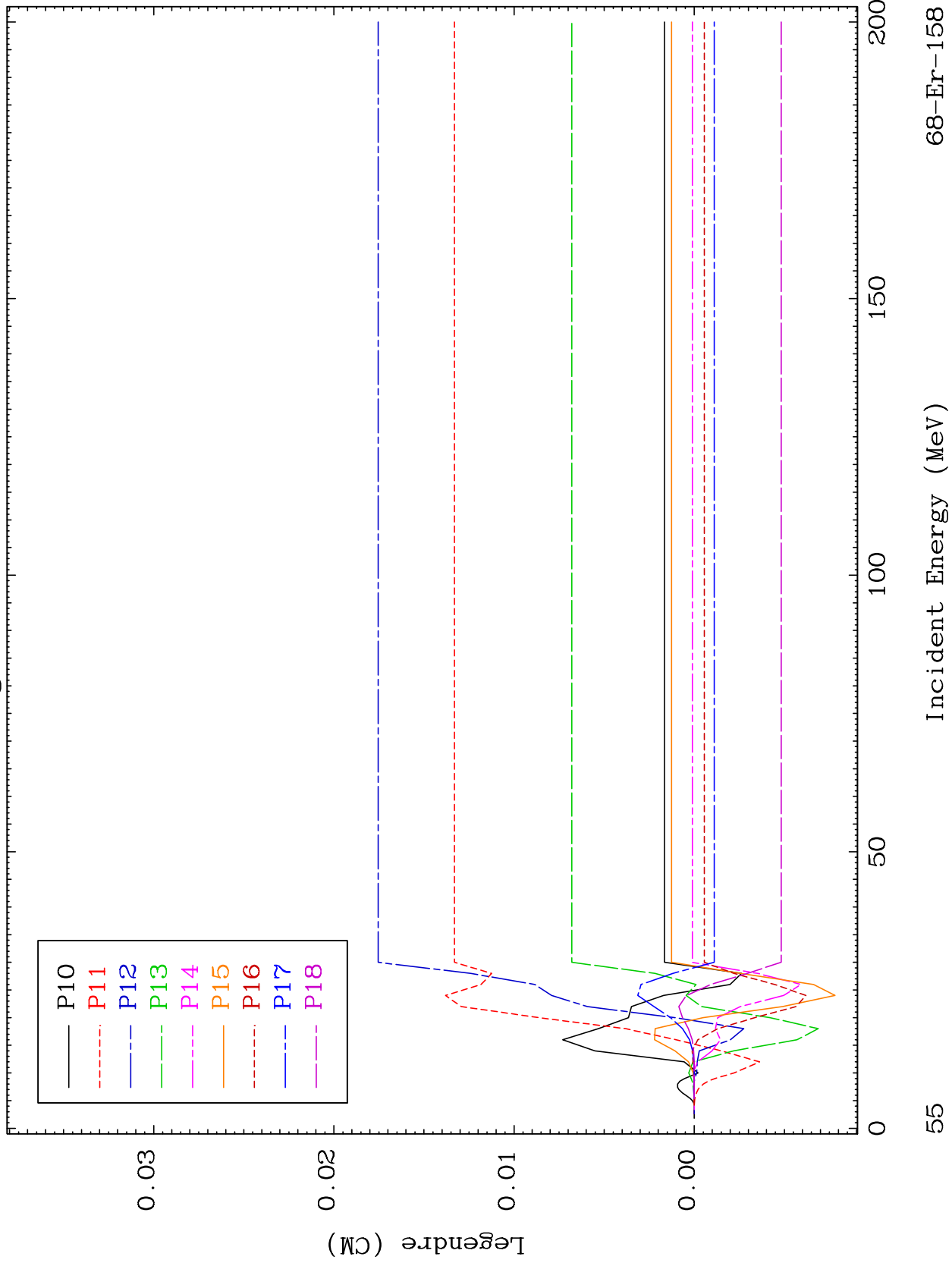
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158

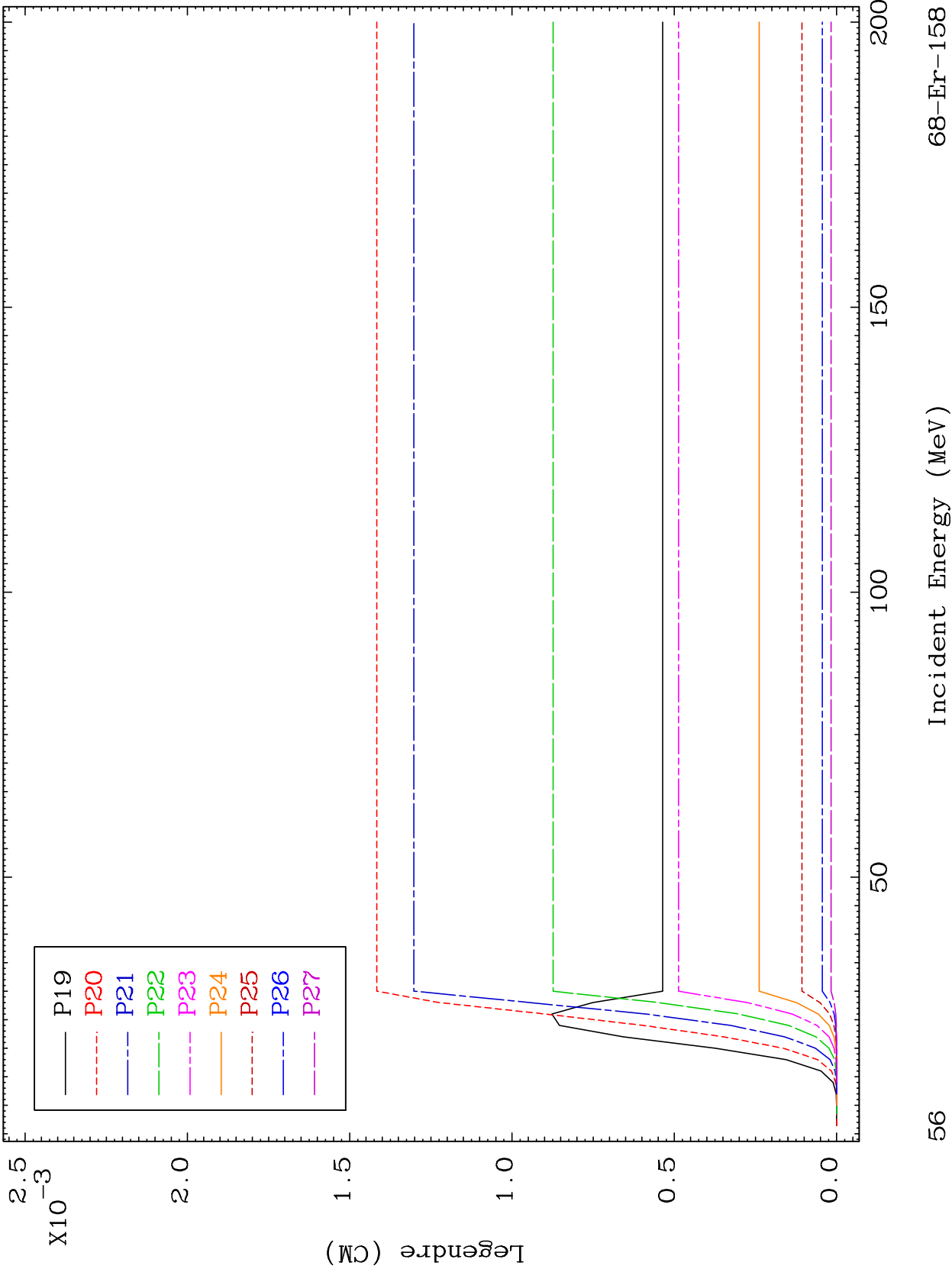


68-Er-158

Incident Energy (MeV)

55

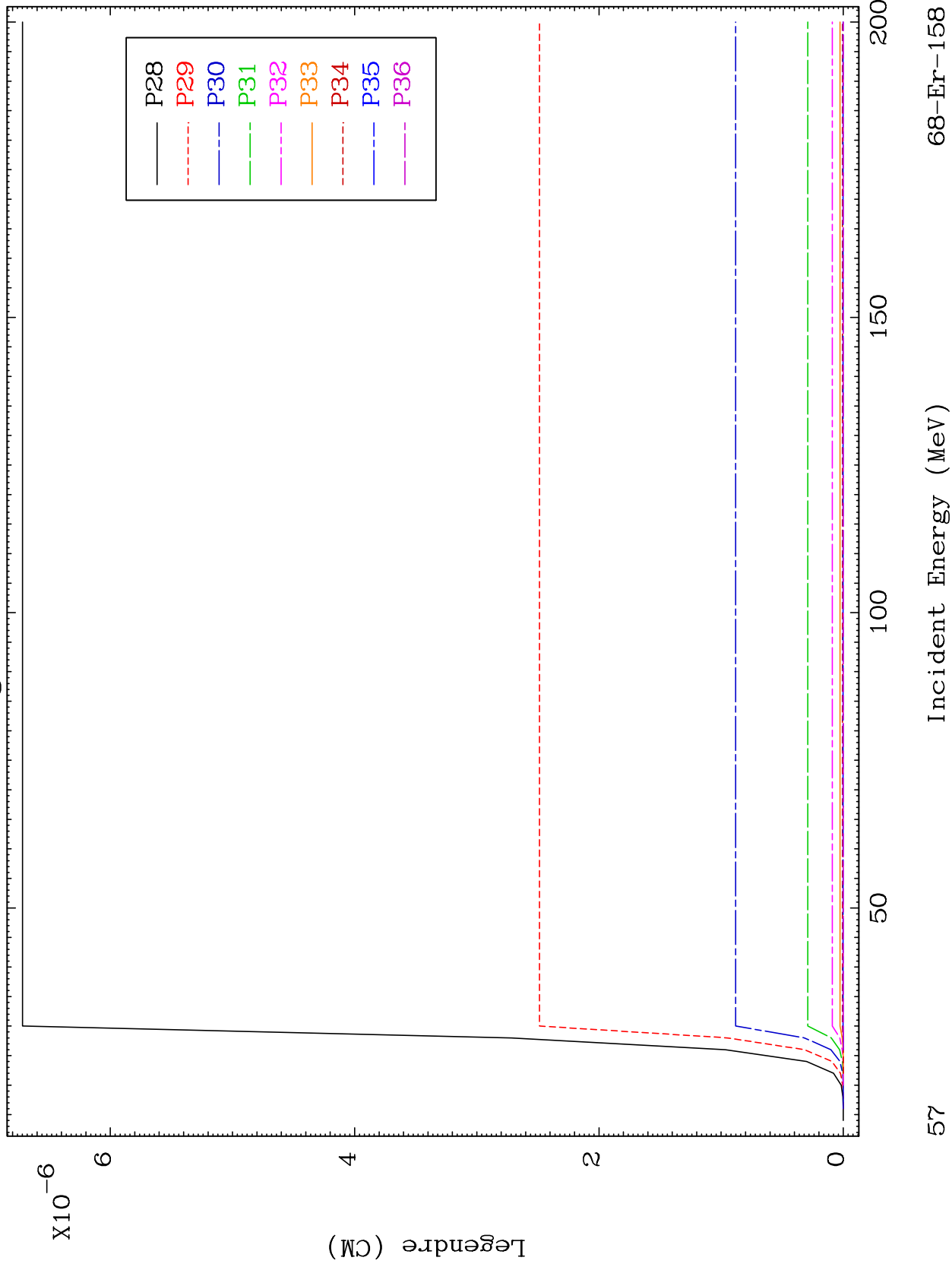




MAT 6813

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

68-Er-158



57

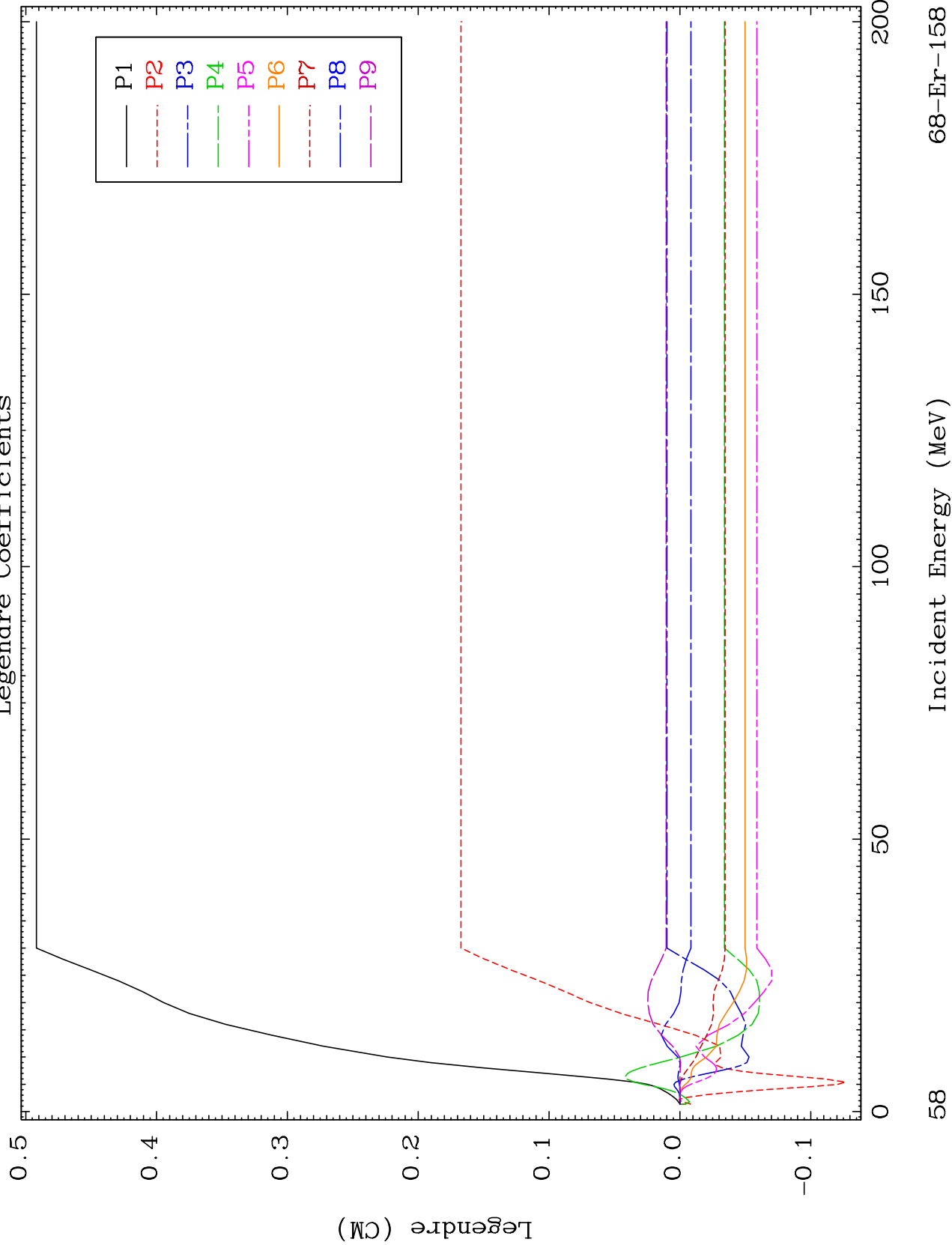
68-Er-158

MAT 6813

MT= 61 (n,n') Level

68-Er-158

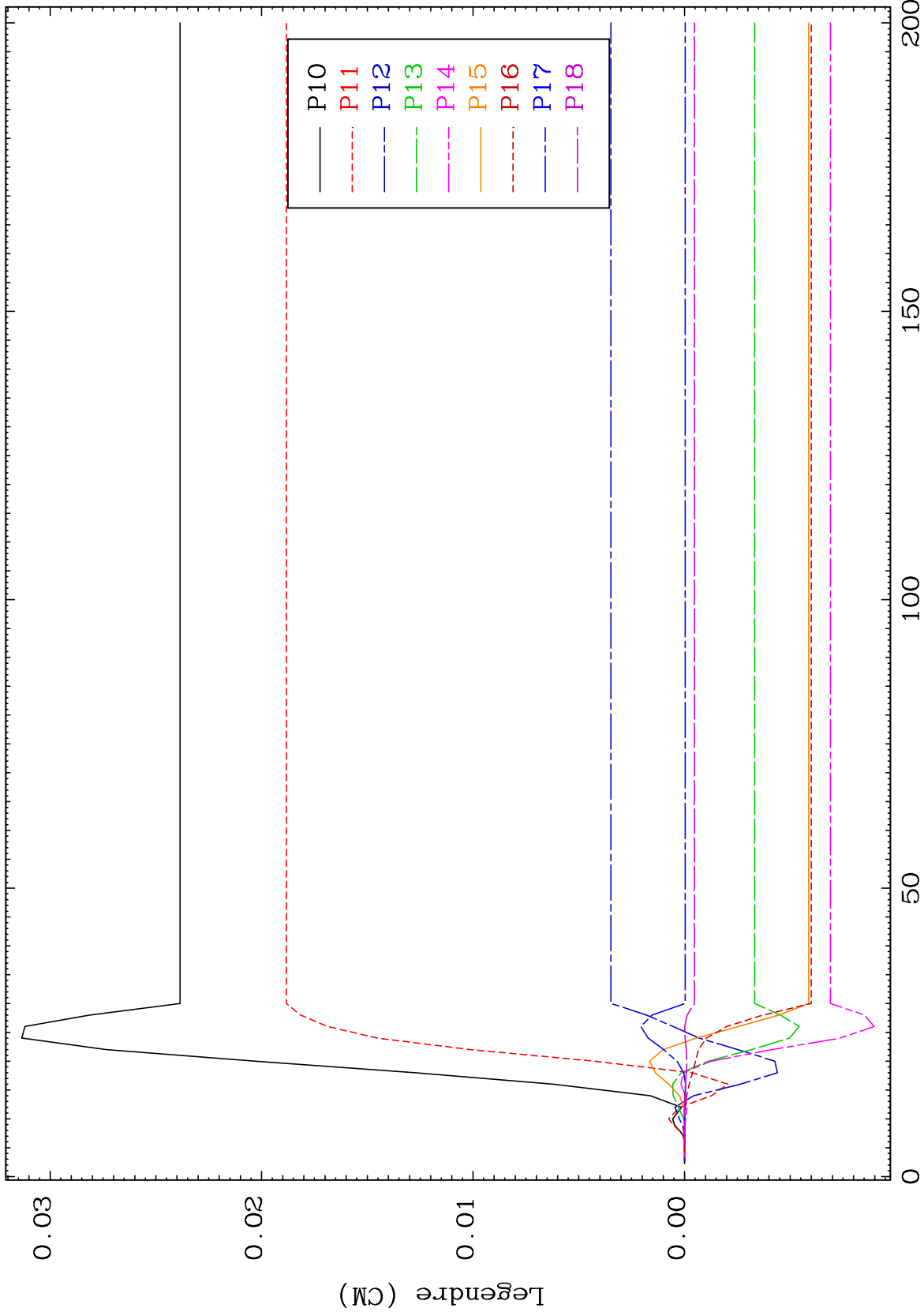
Legendre Coefficients



MAT 6813

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

68-Er-158



59

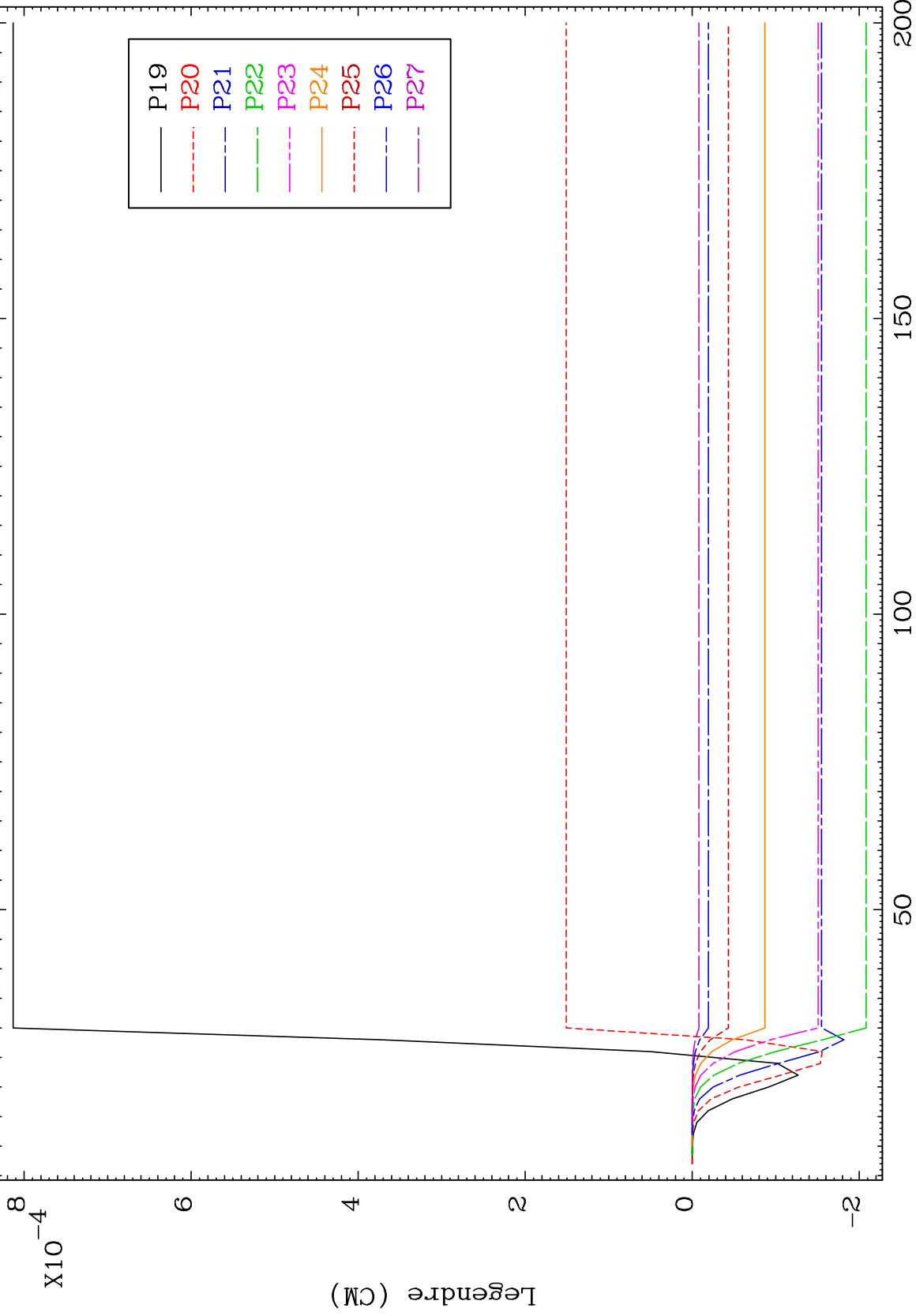
Incident Energy (MeV)

68-Er-158

MAT 6813

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

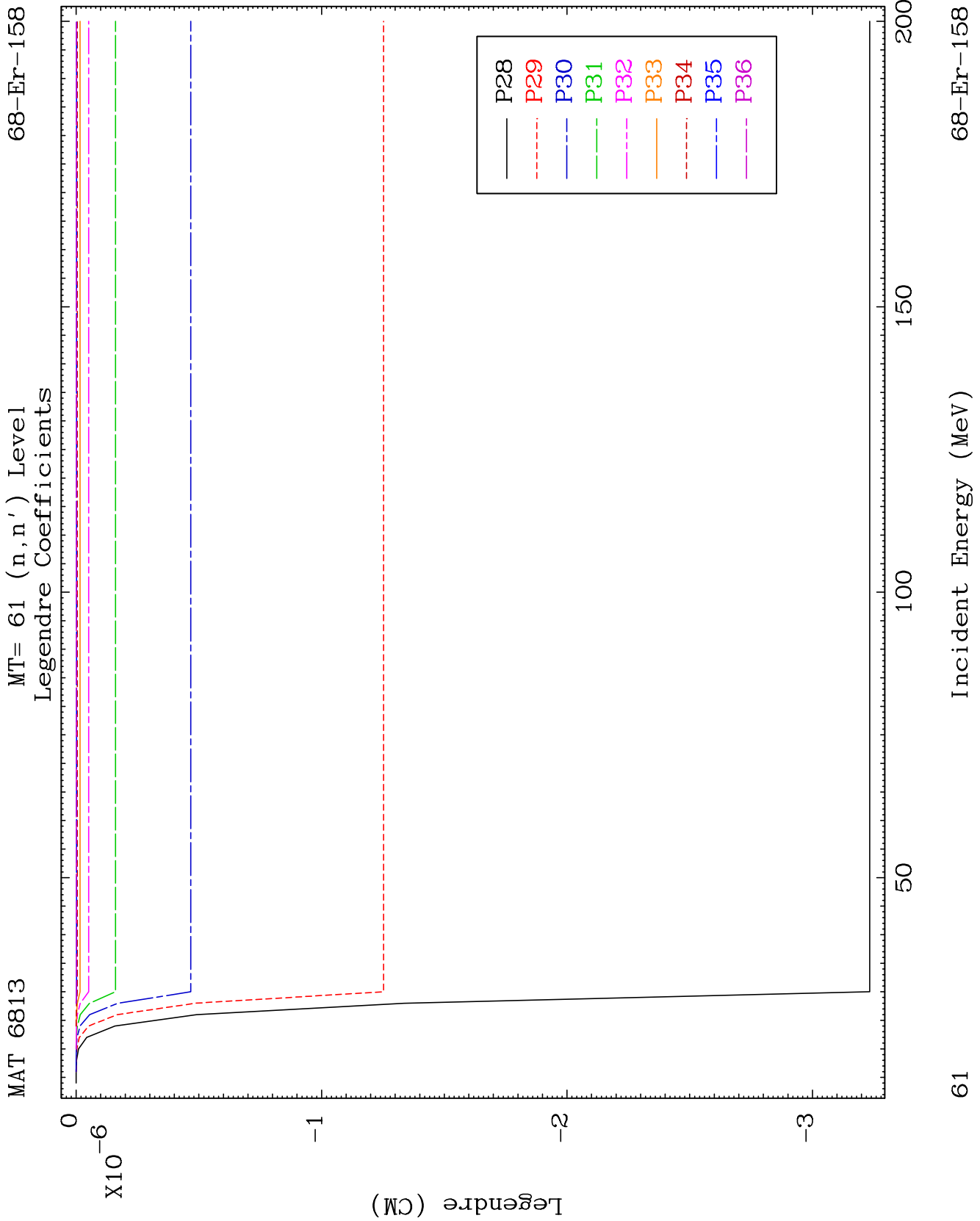
68-Er-158



60

Incident Energy (MeV)

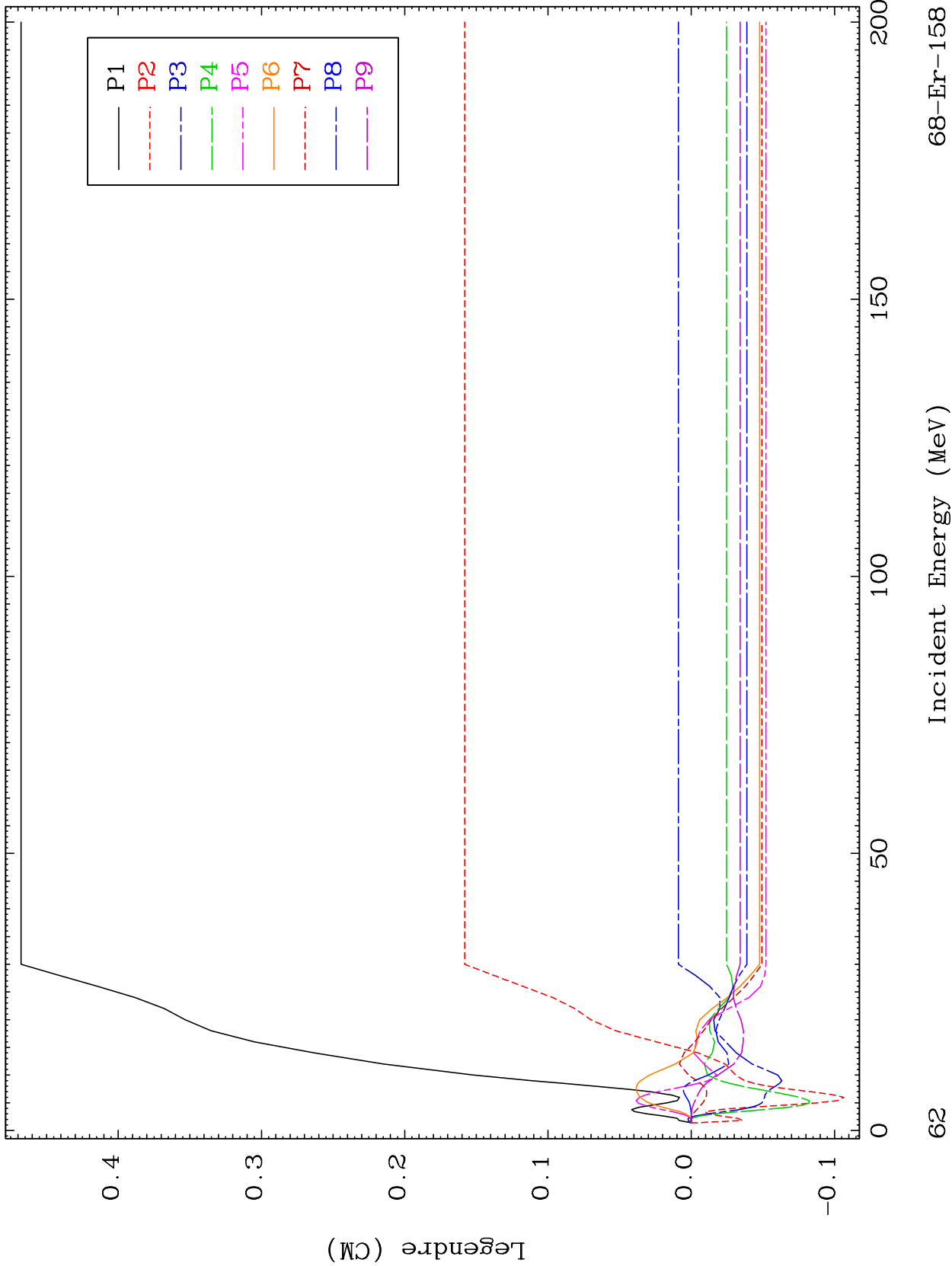
68-Er-158



MAT 6813

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

68-Er-158



68-Er-158

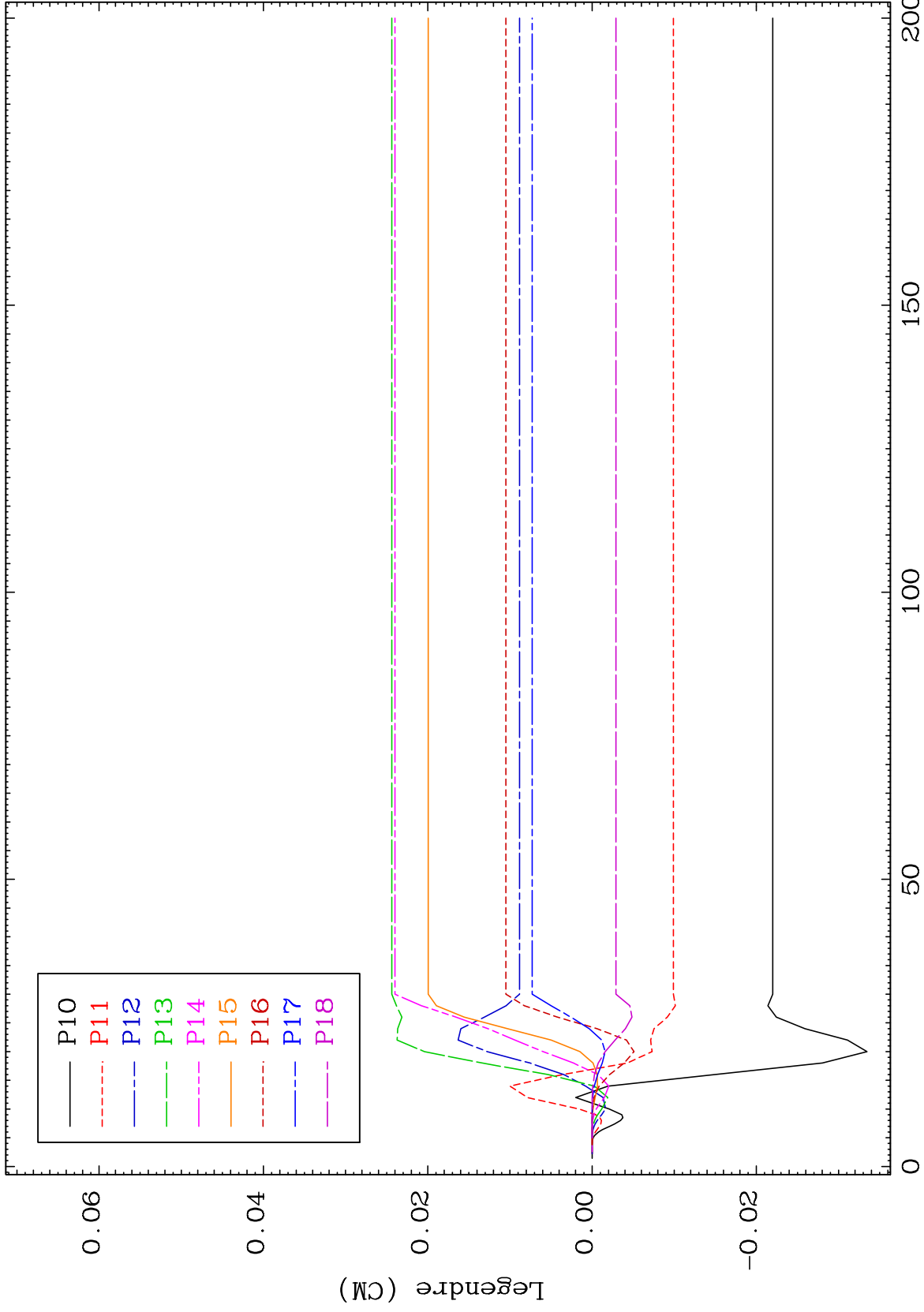
Incident Energy (MeV)

62

MAT 6813

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

68-Er-158



63

Incident Energy (MeV)

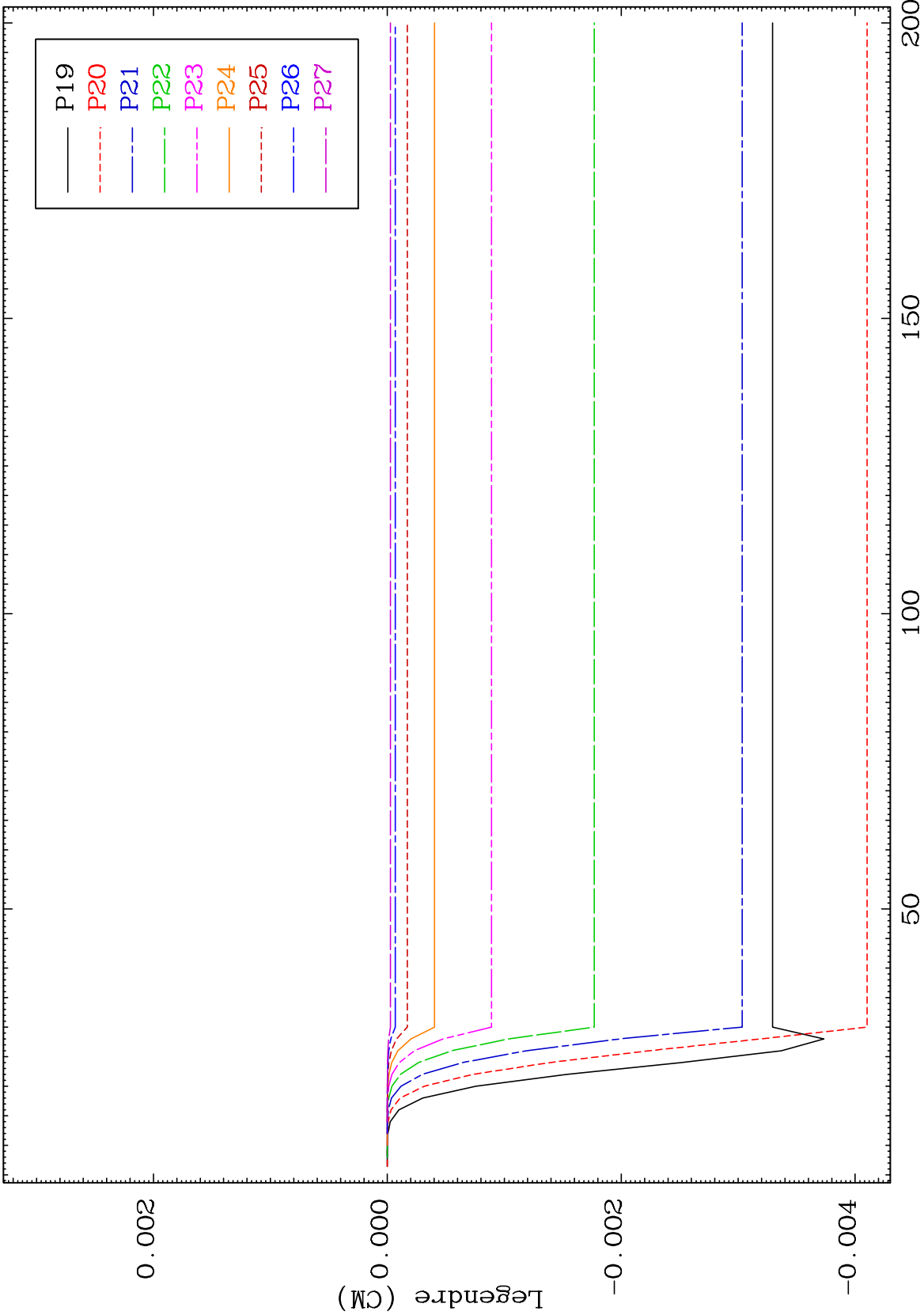
68-Er-158



MAT 6813

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

68-Er-158

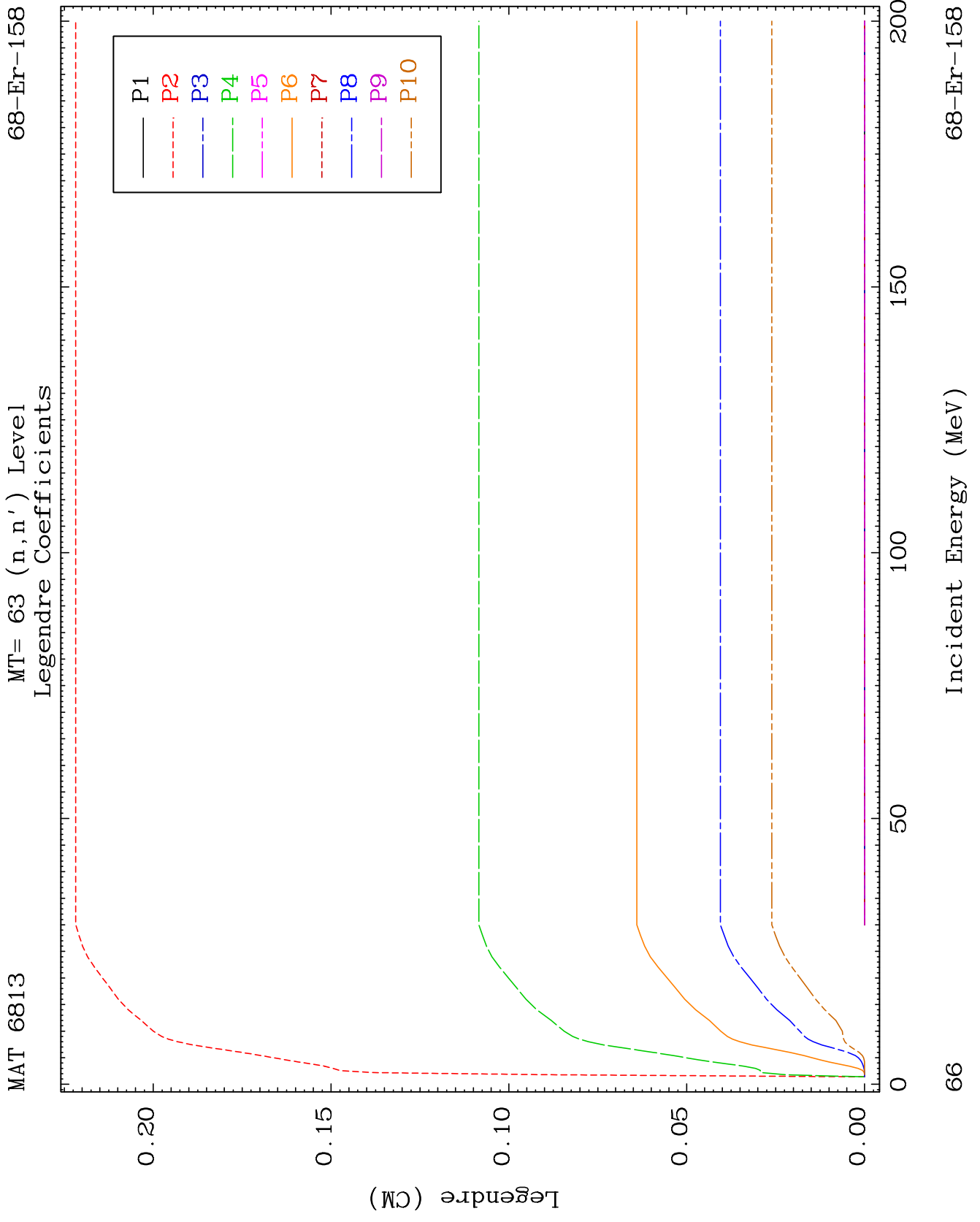


64

Incident Energy (MeV)

68-Er-158

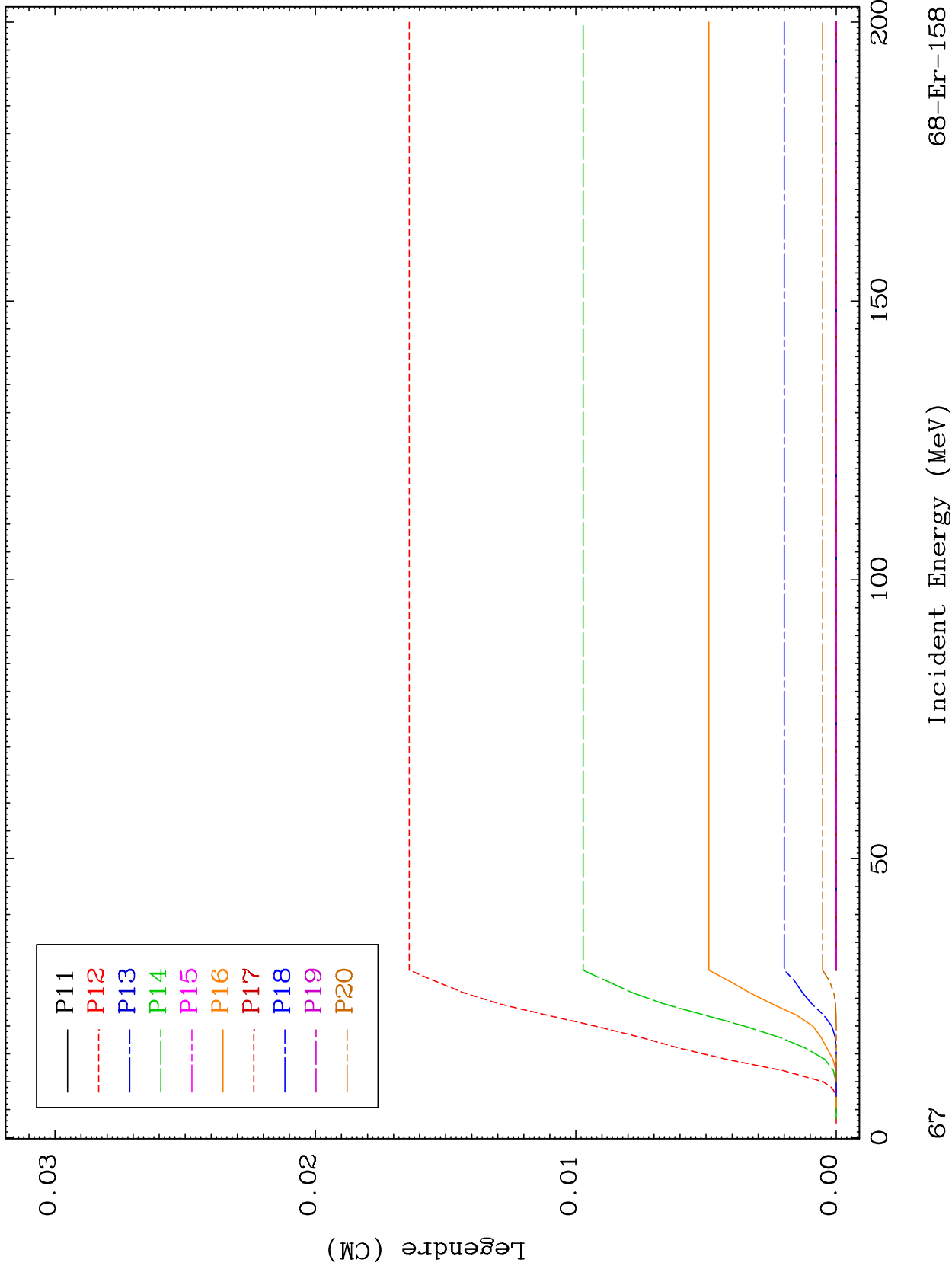




MAT 6813

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

68-Er-158



67

Incident Energy (MeV)

68-Er-158

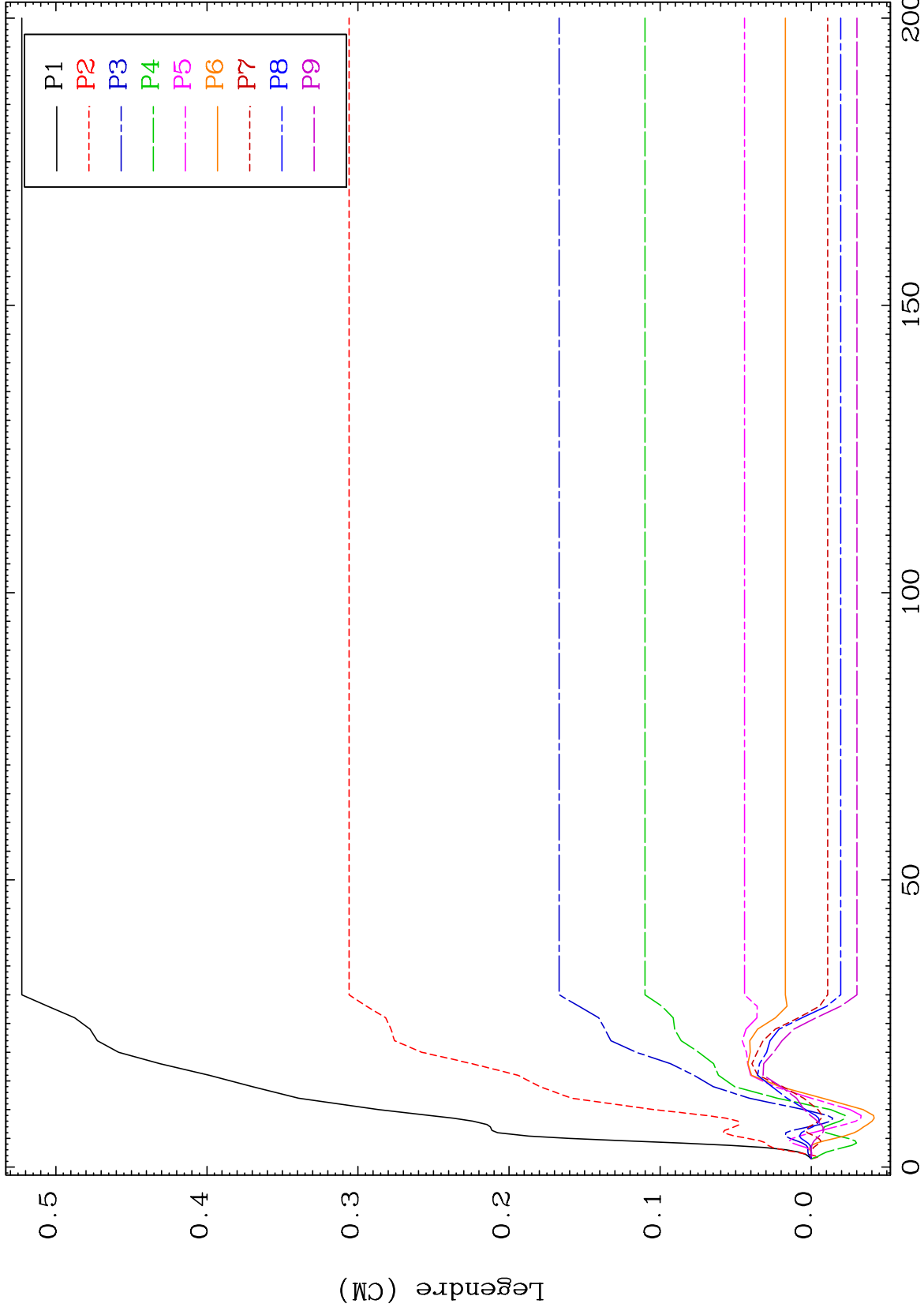


MAT 6813

MT= 64 (n,n') Level

68-Er-158

Legendre Coefficients



69

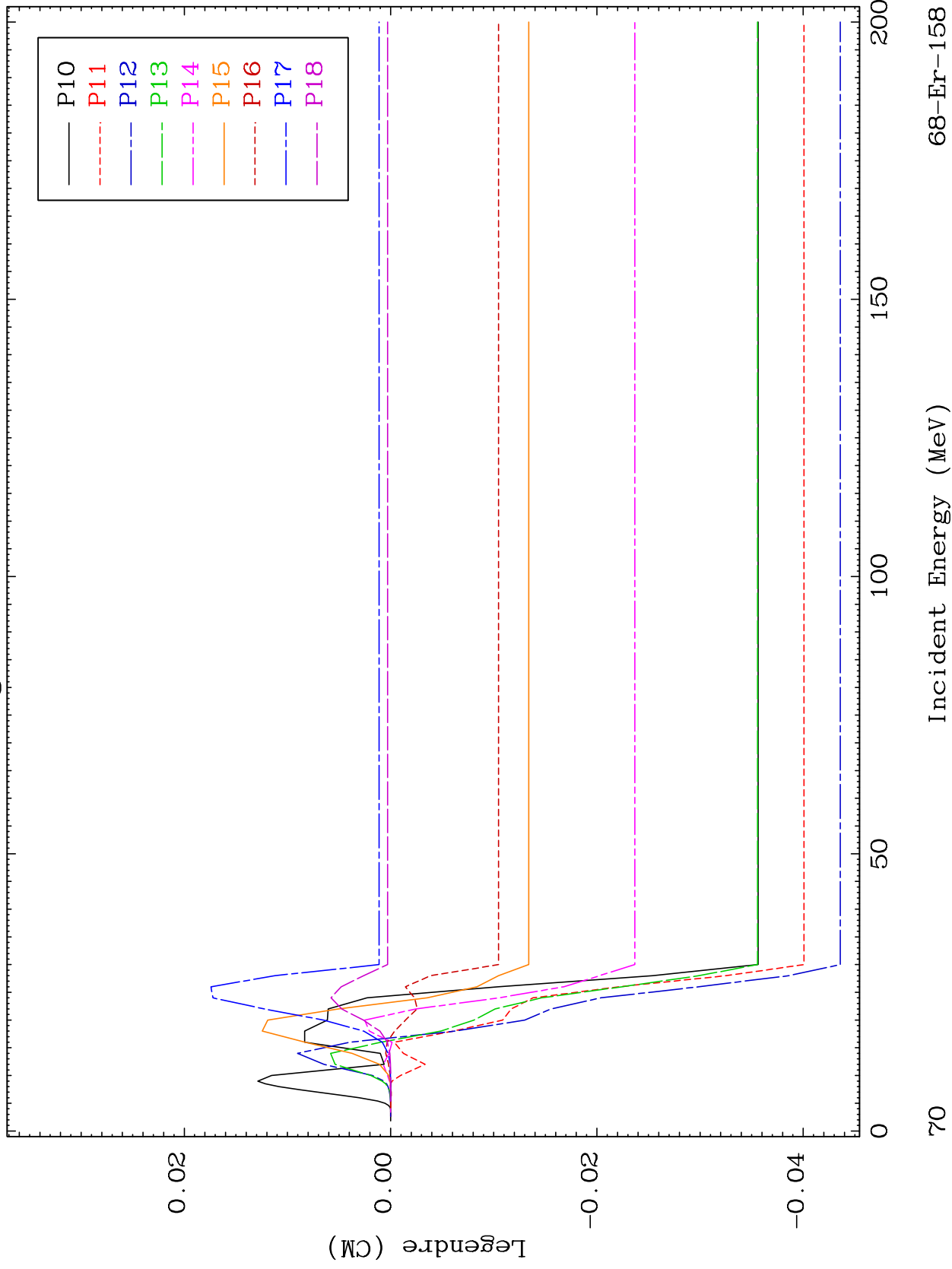
Incident Energy (MeV)

68-Er-158

MAT 6813

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

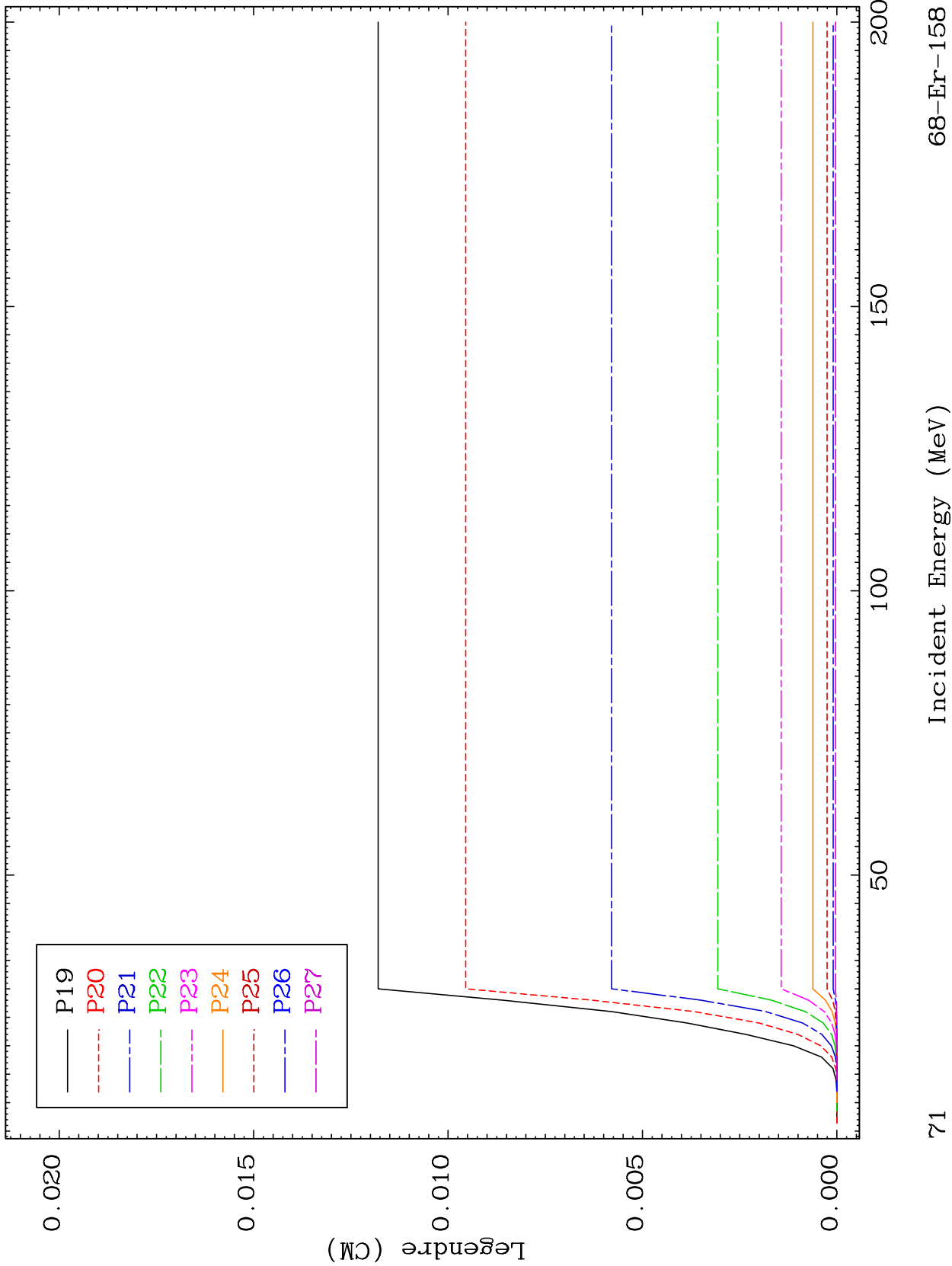
68-Er-158



68-Er-158

Incident Energy (MeV)

70

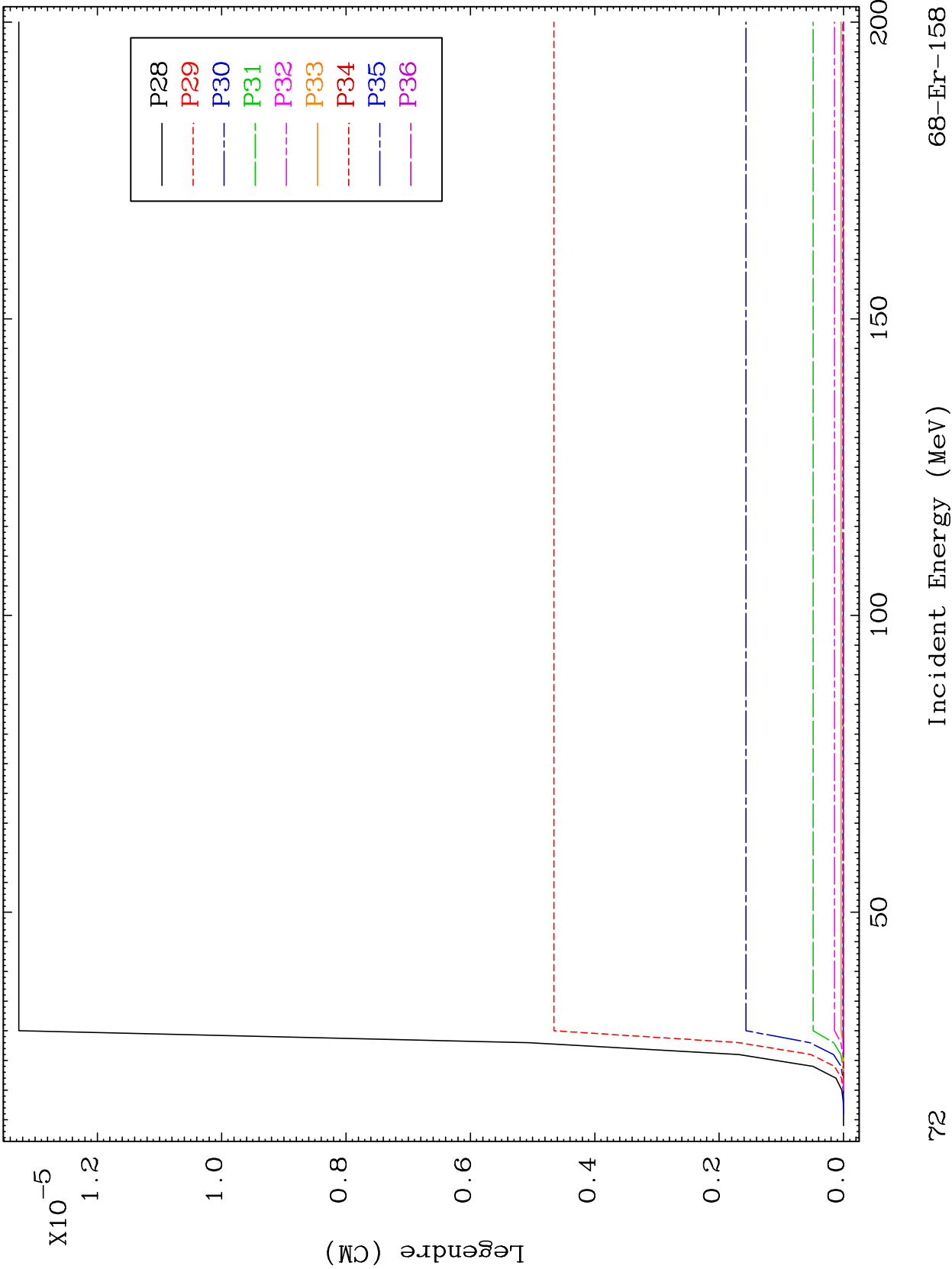




MAT 6813

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

68-Er-158

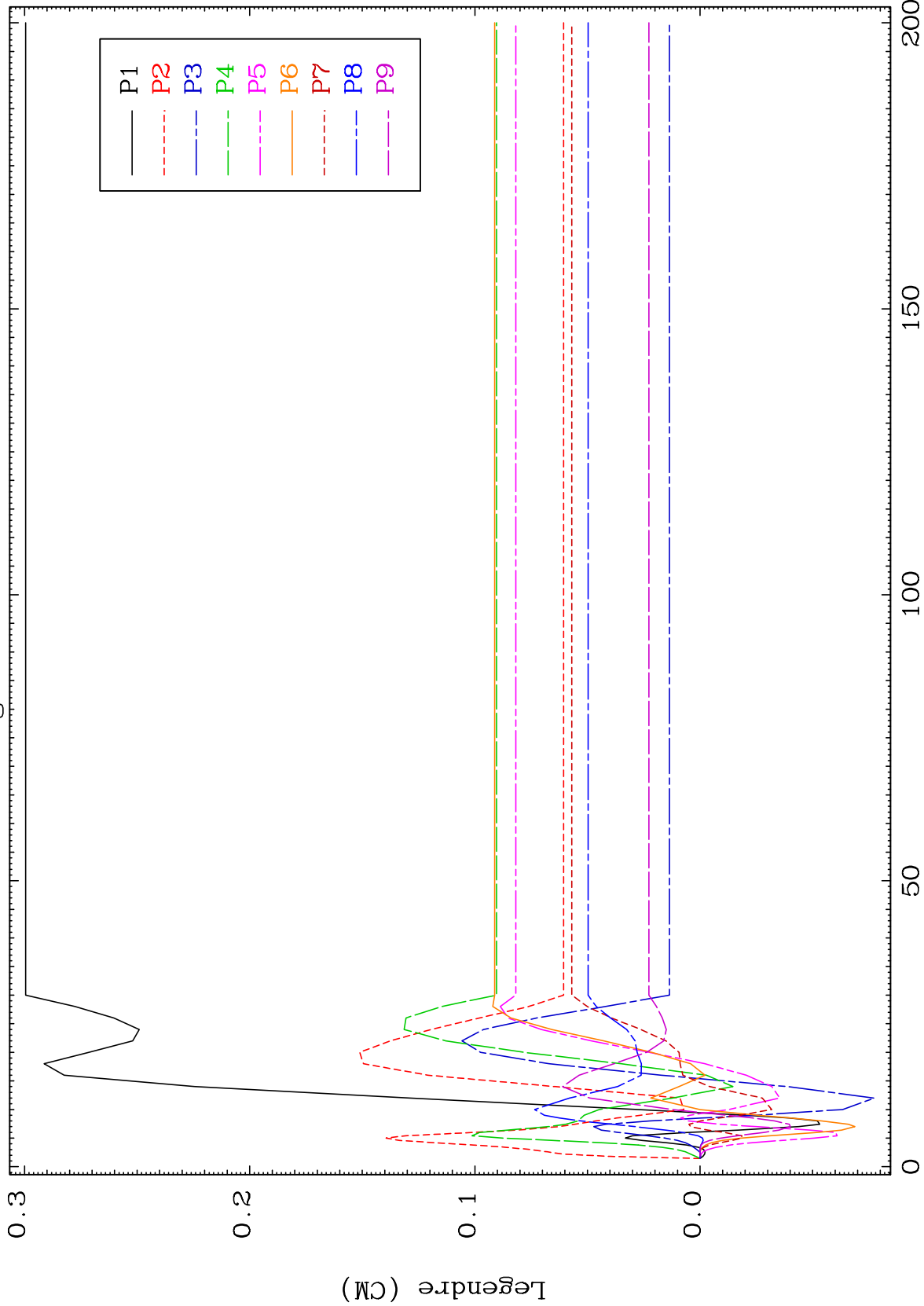


MAT 6813

MT= 65 (n,n') Level

68-Er-158

Legendre Coefficients



73

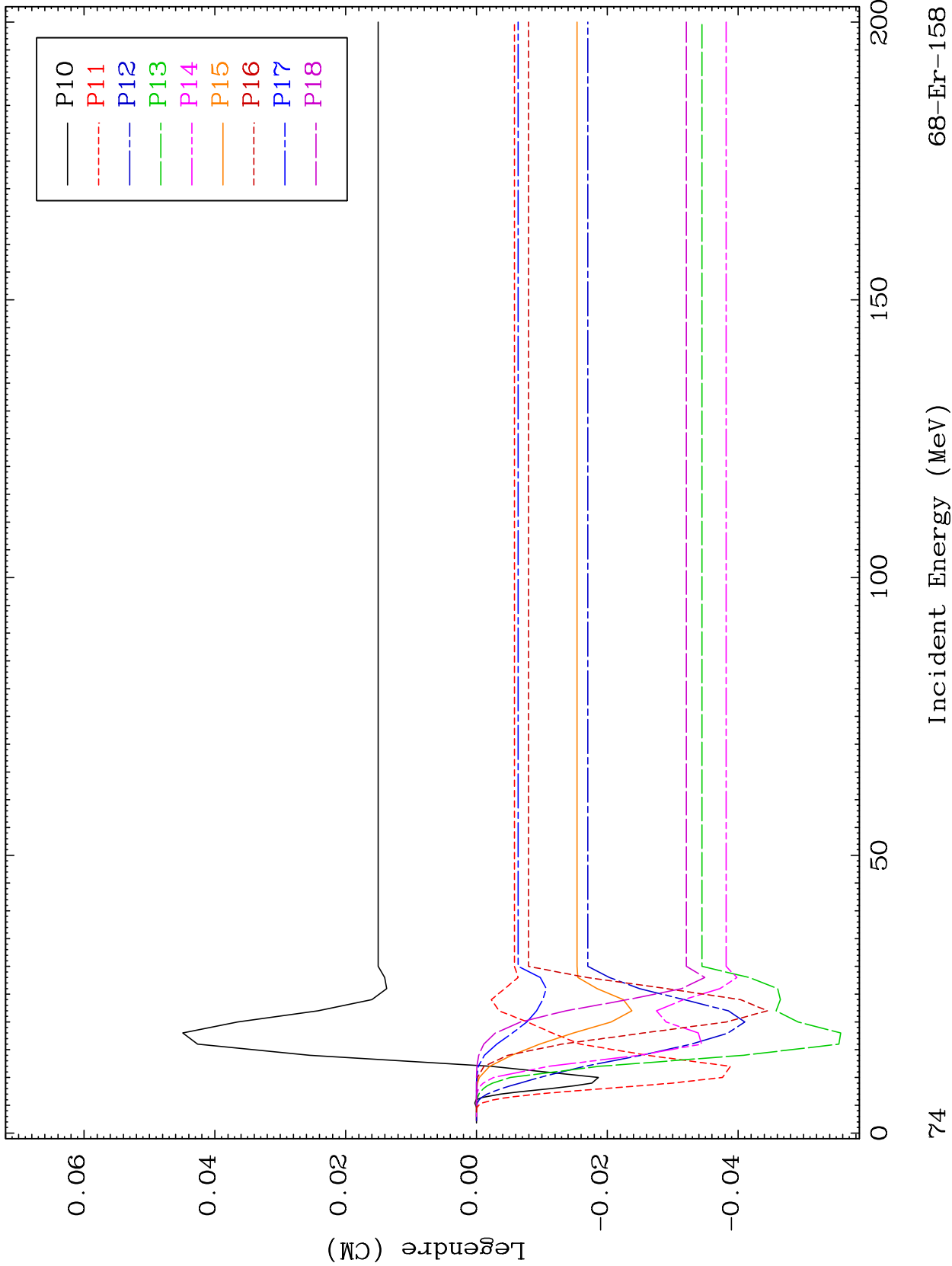
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



74

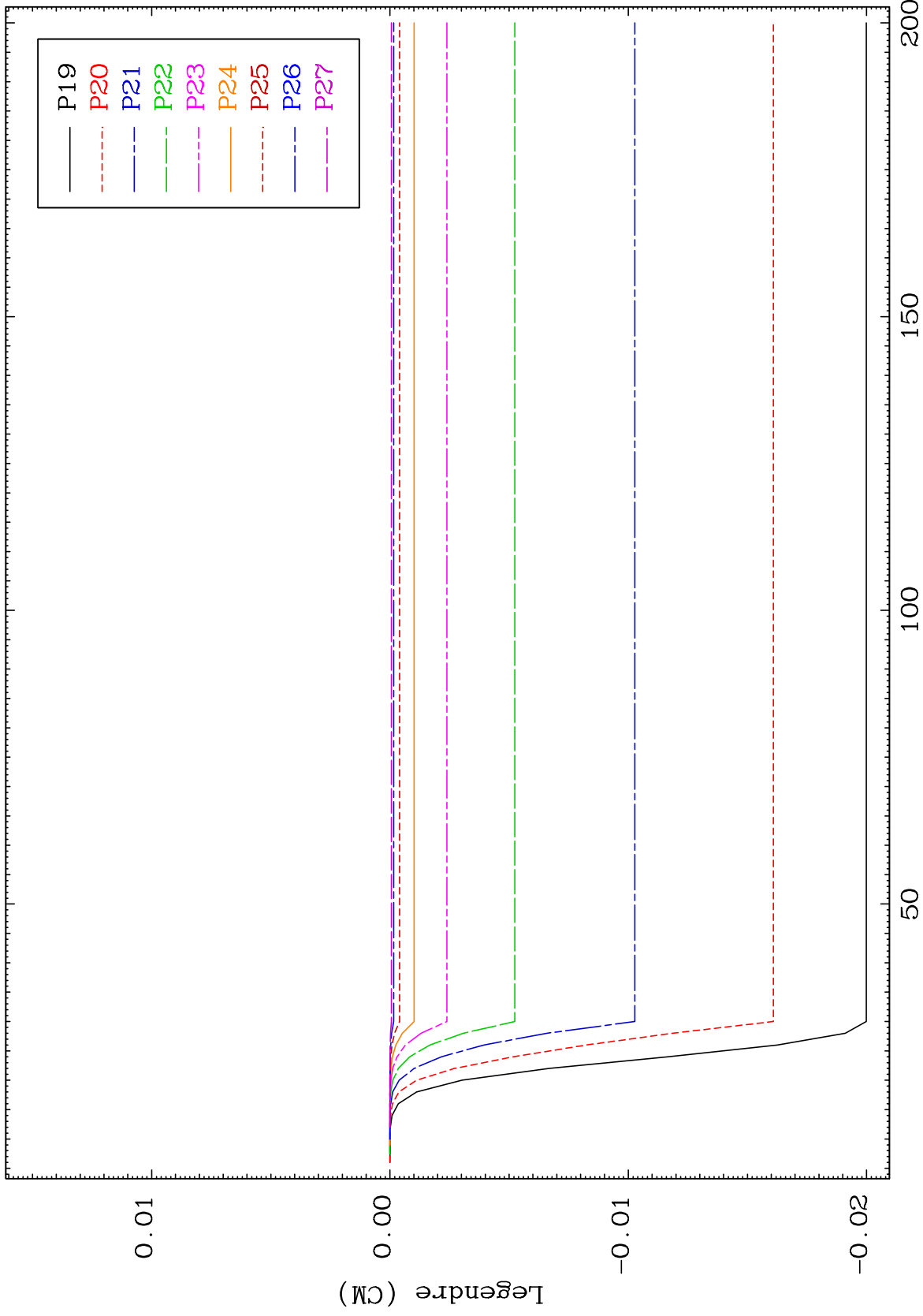
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



75

Incident Energy (MeV)

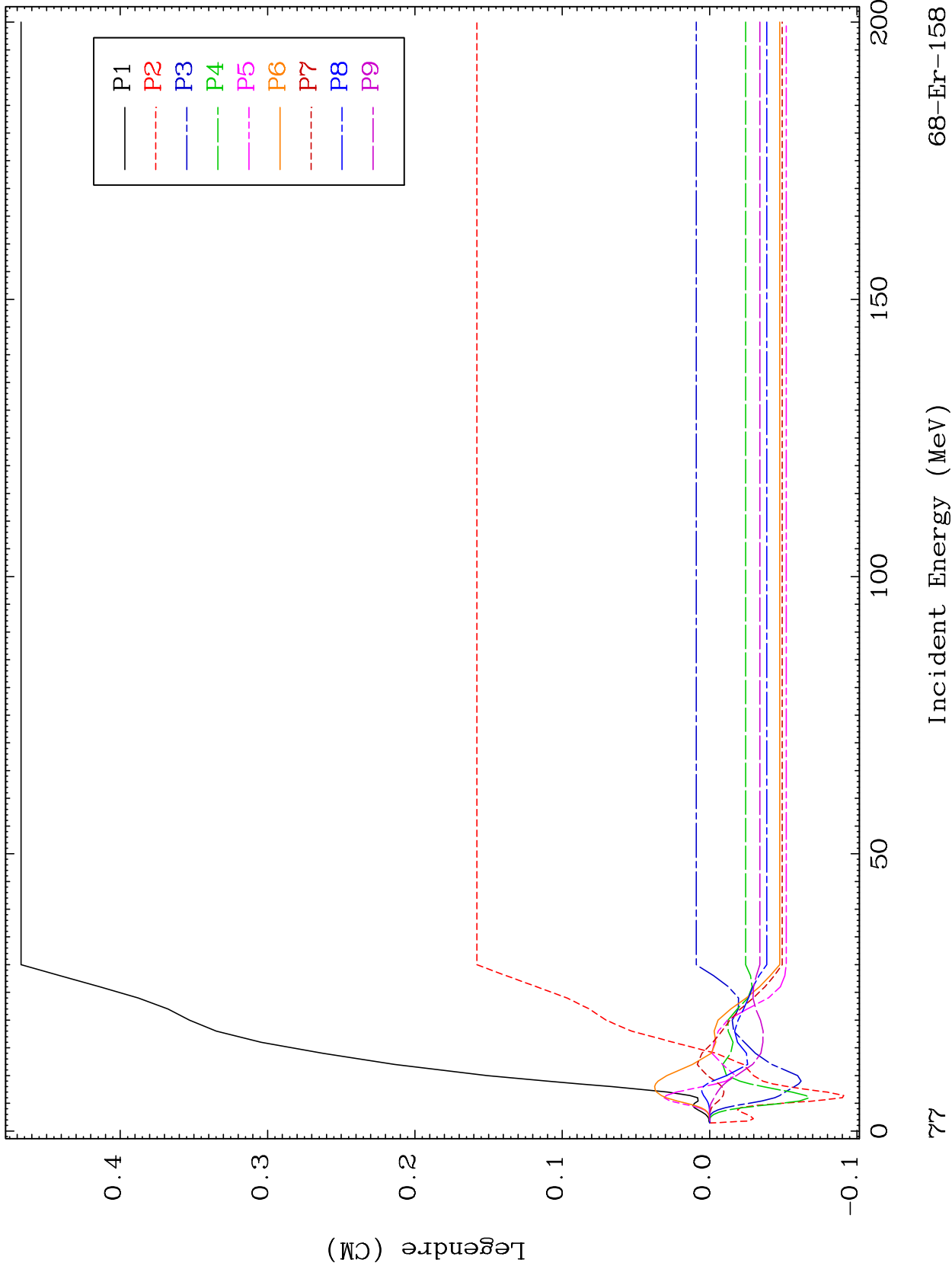
68-Er-158



MAT 6813

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

68-Er-158



77

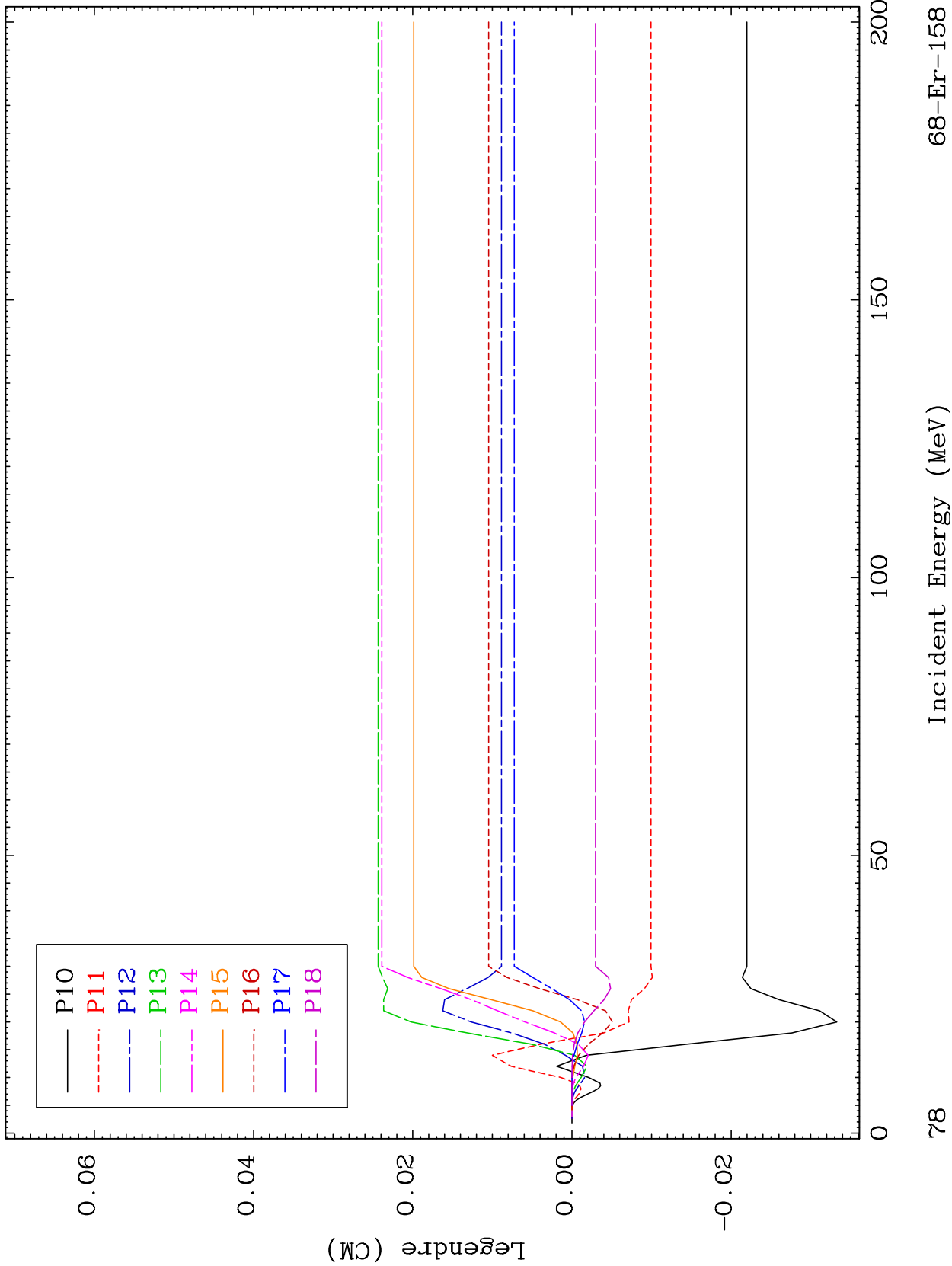
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



78

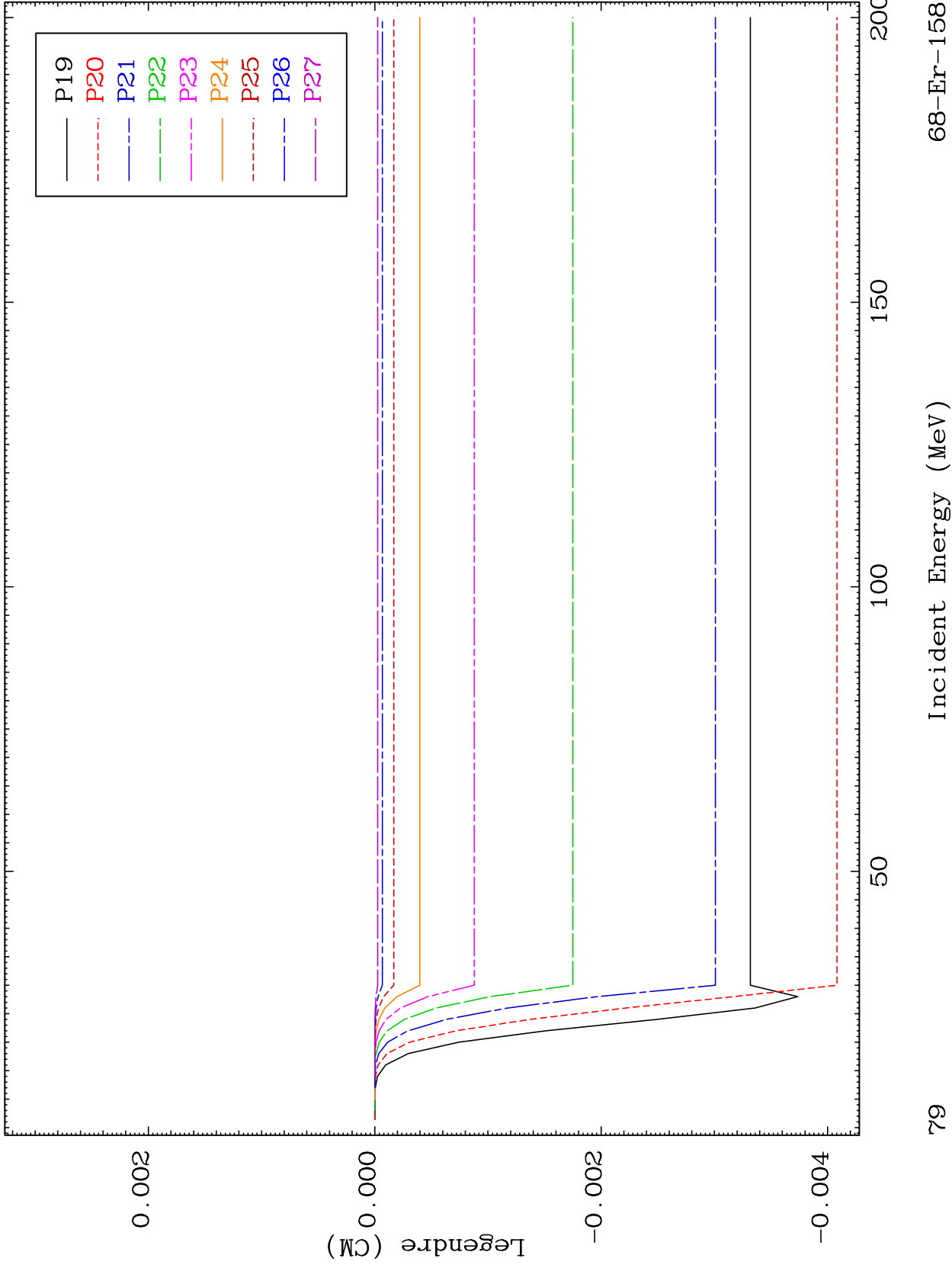
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158

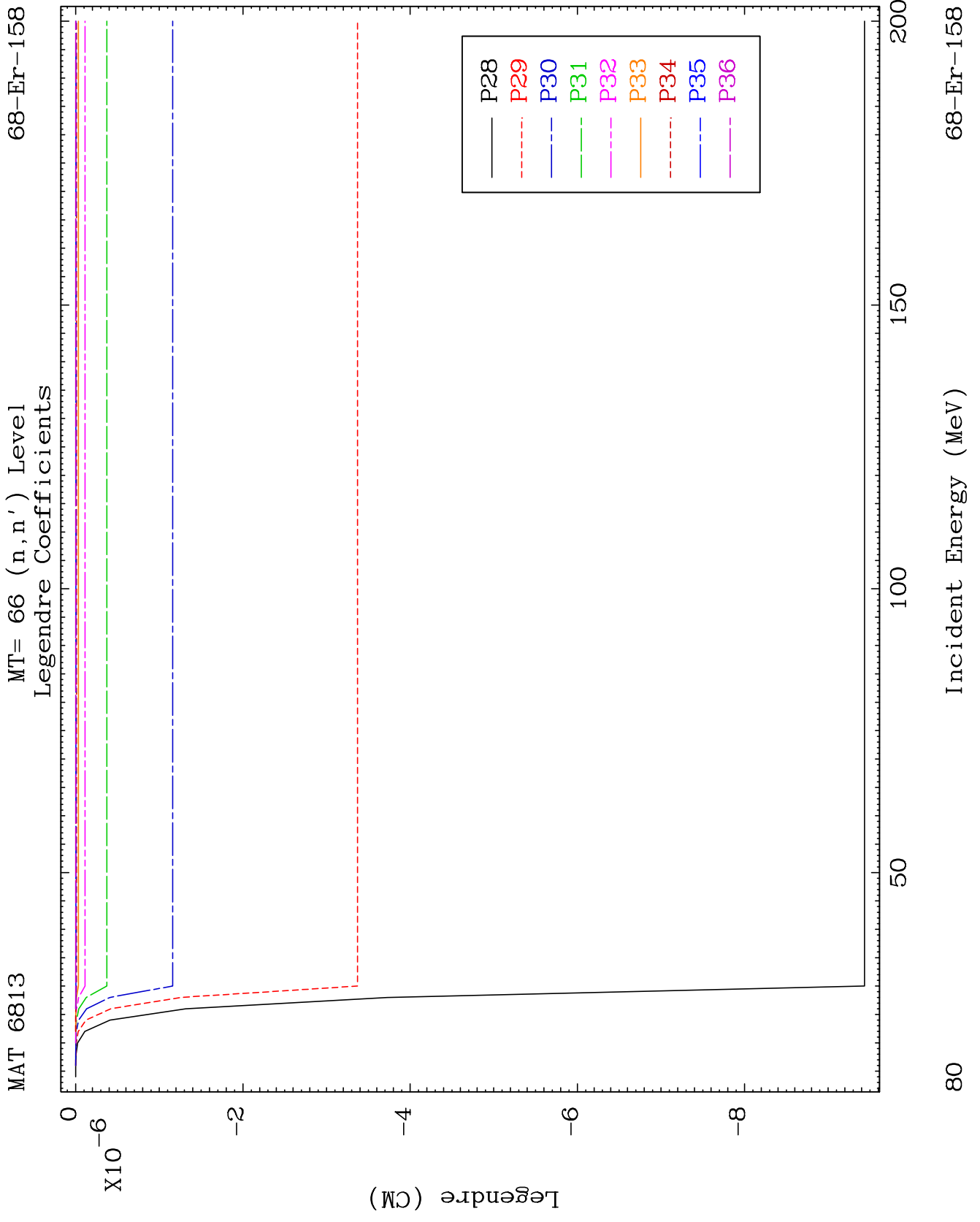


79

Incident Energy (MeV)

68-Er-158

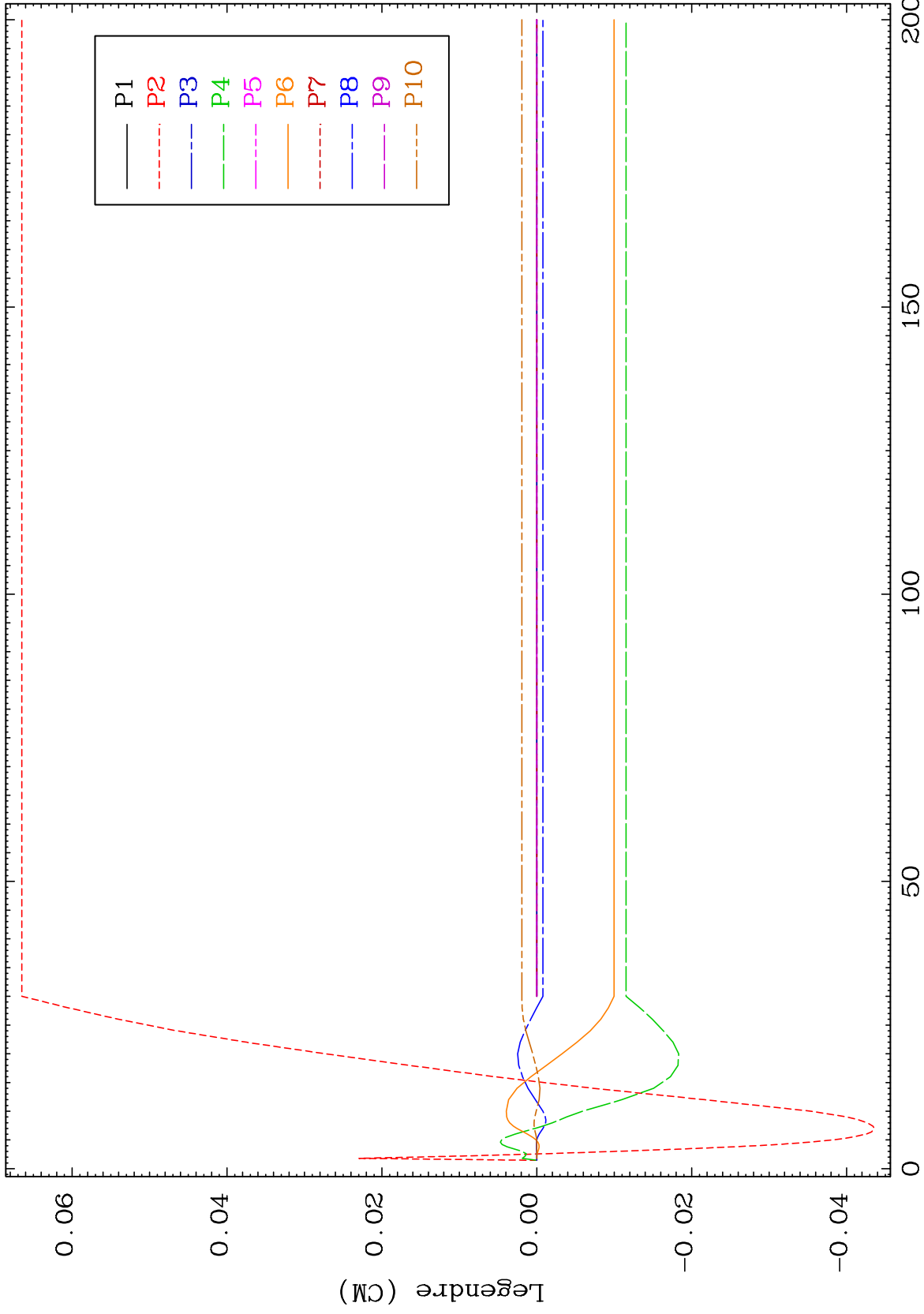




MAT 6813

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

68-Er-158



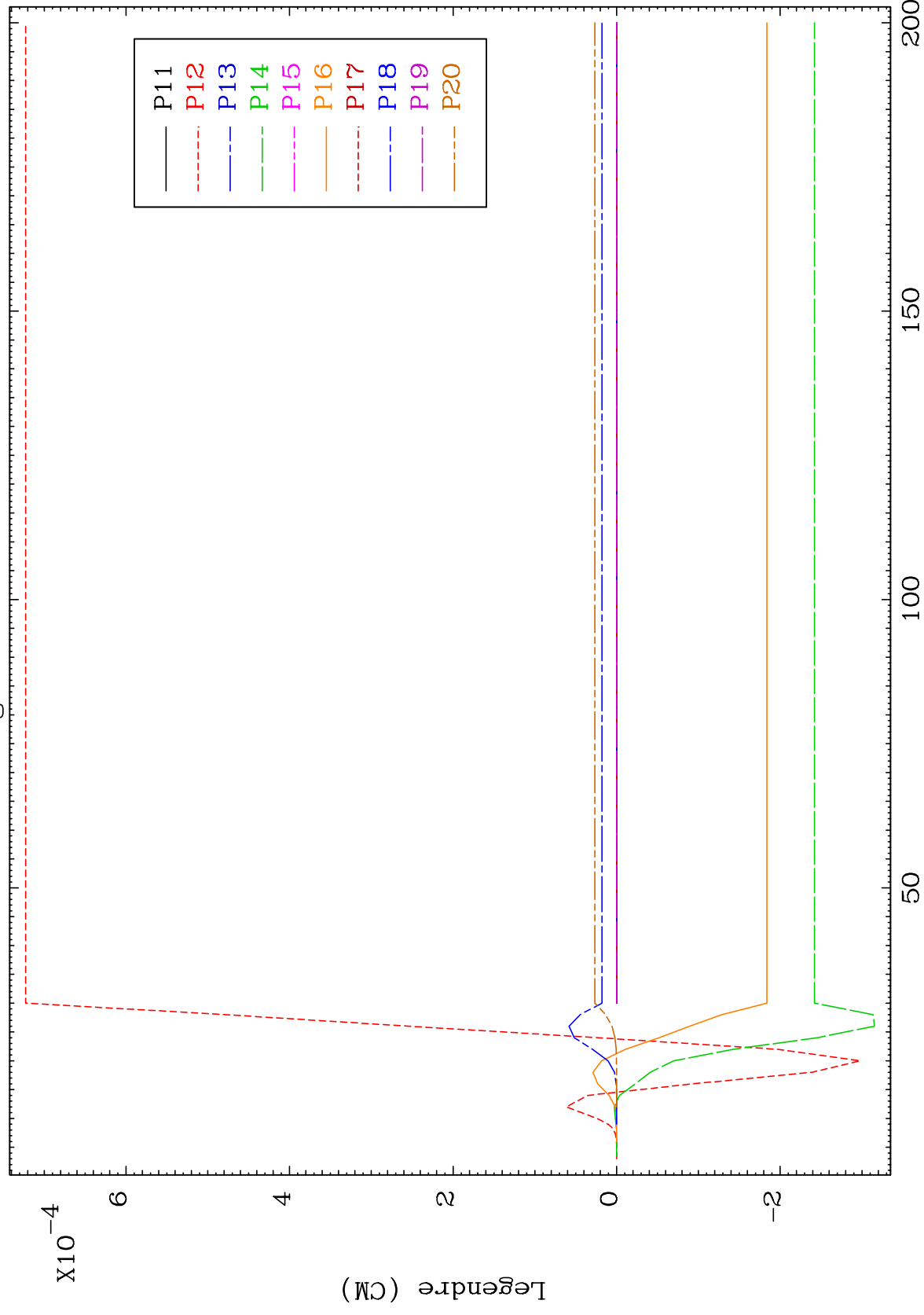
81

68-Er-158

MAT 6813

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

68-Er-158



82

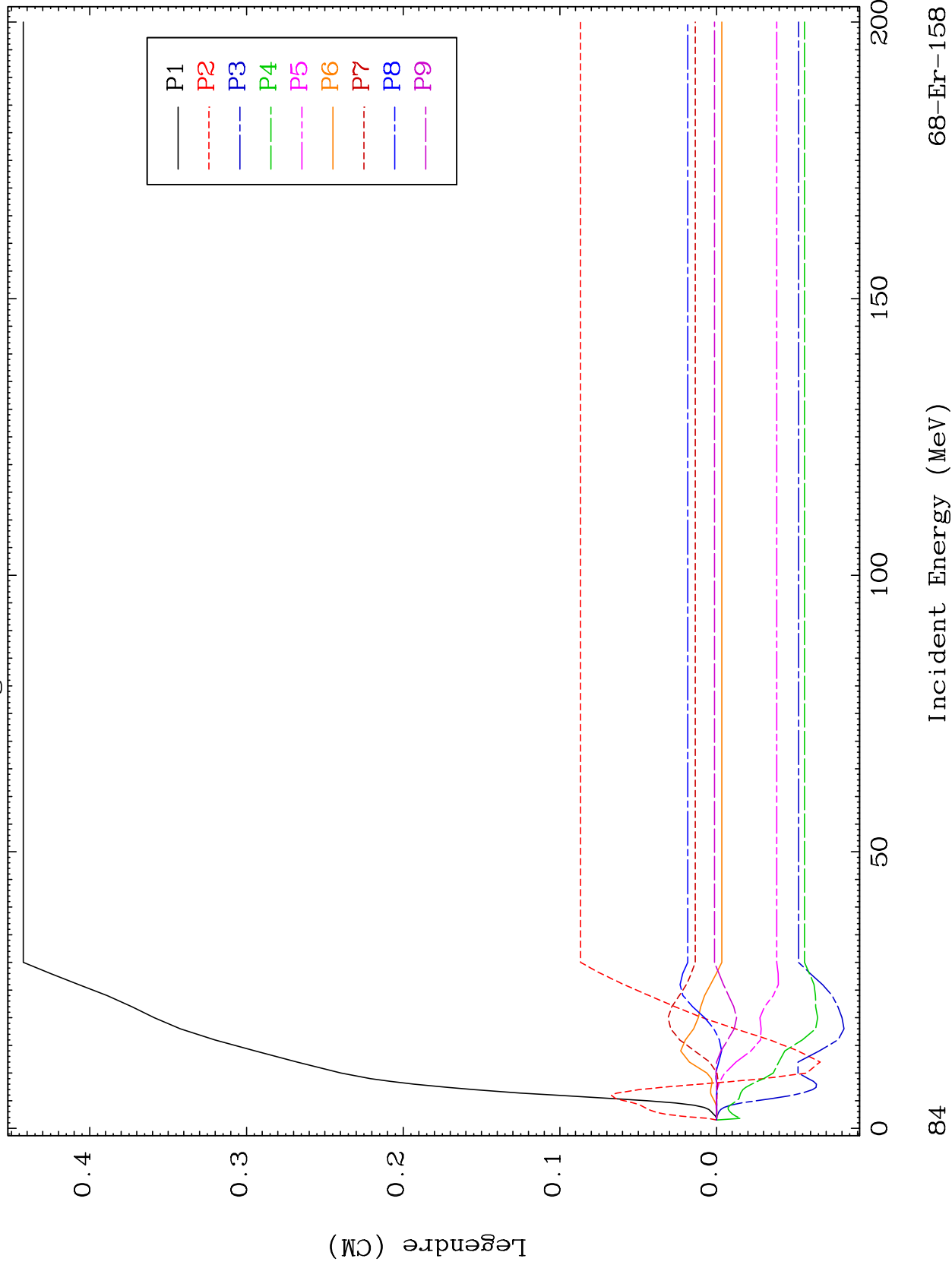
68-Er-158



MAT 6813

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

68-Er-158



68-Er-158

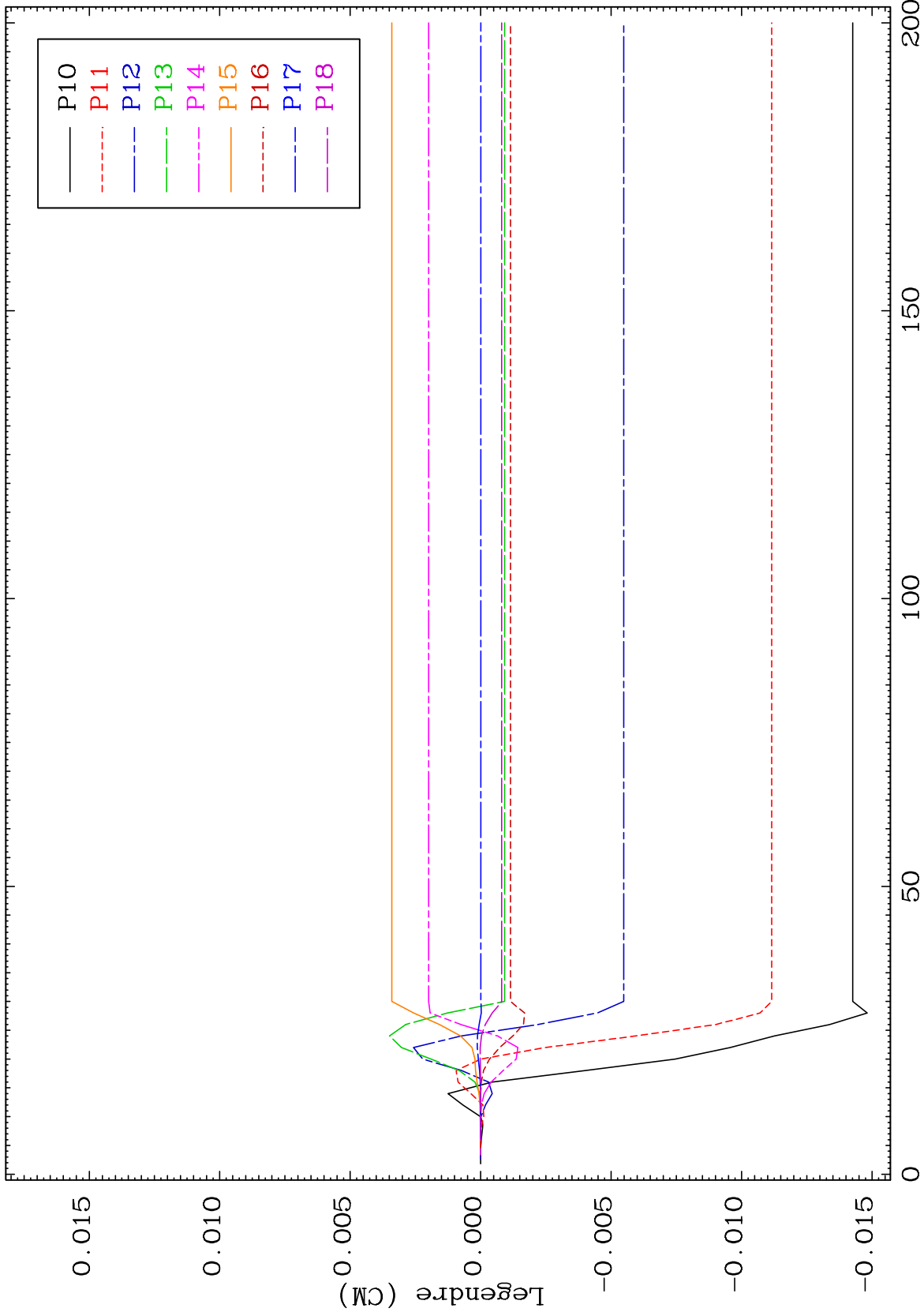
Incident Energy (MeV)

84

MAT 6813

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

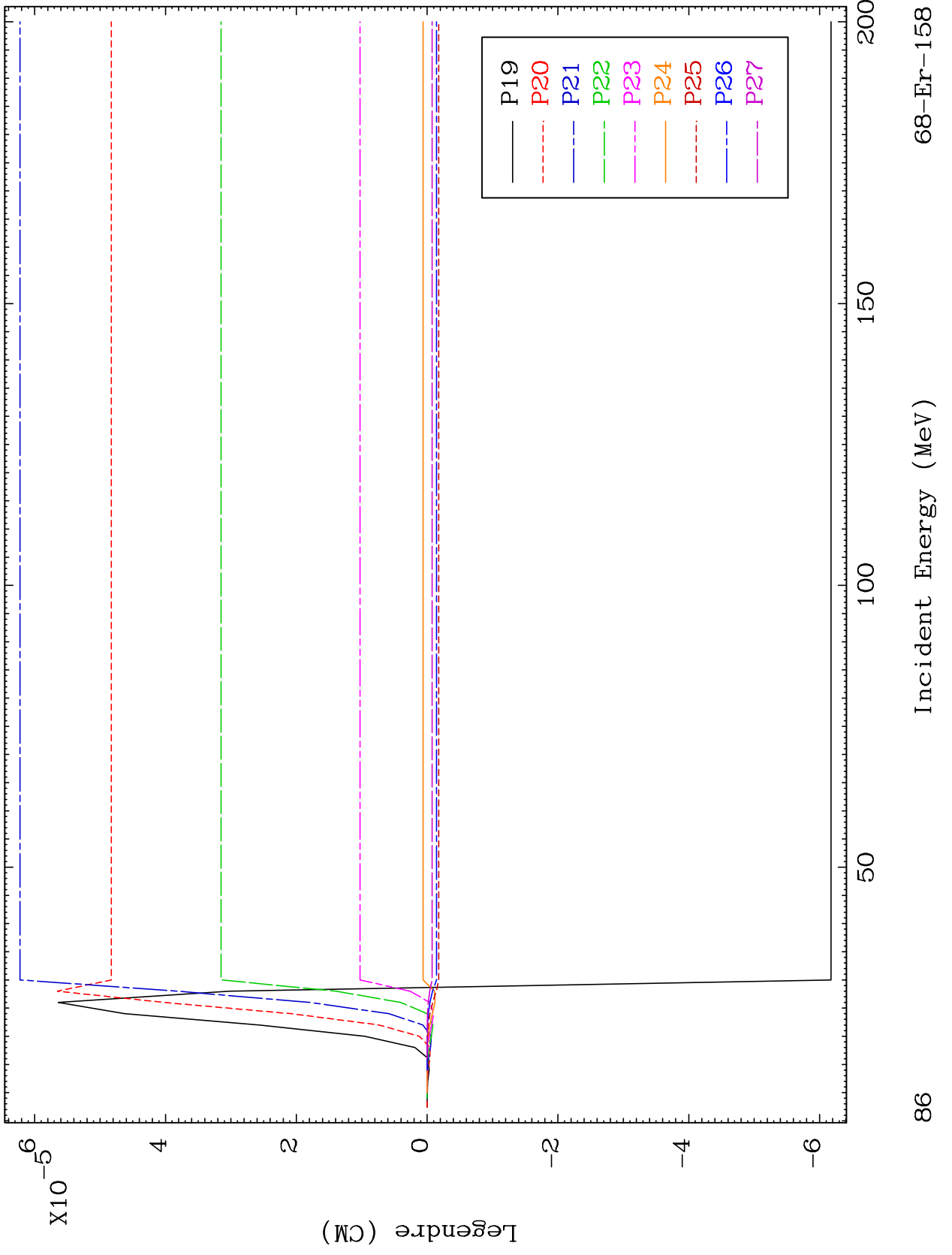
68-Er-158



85

Incident Energy (MeV)

68-Er-158

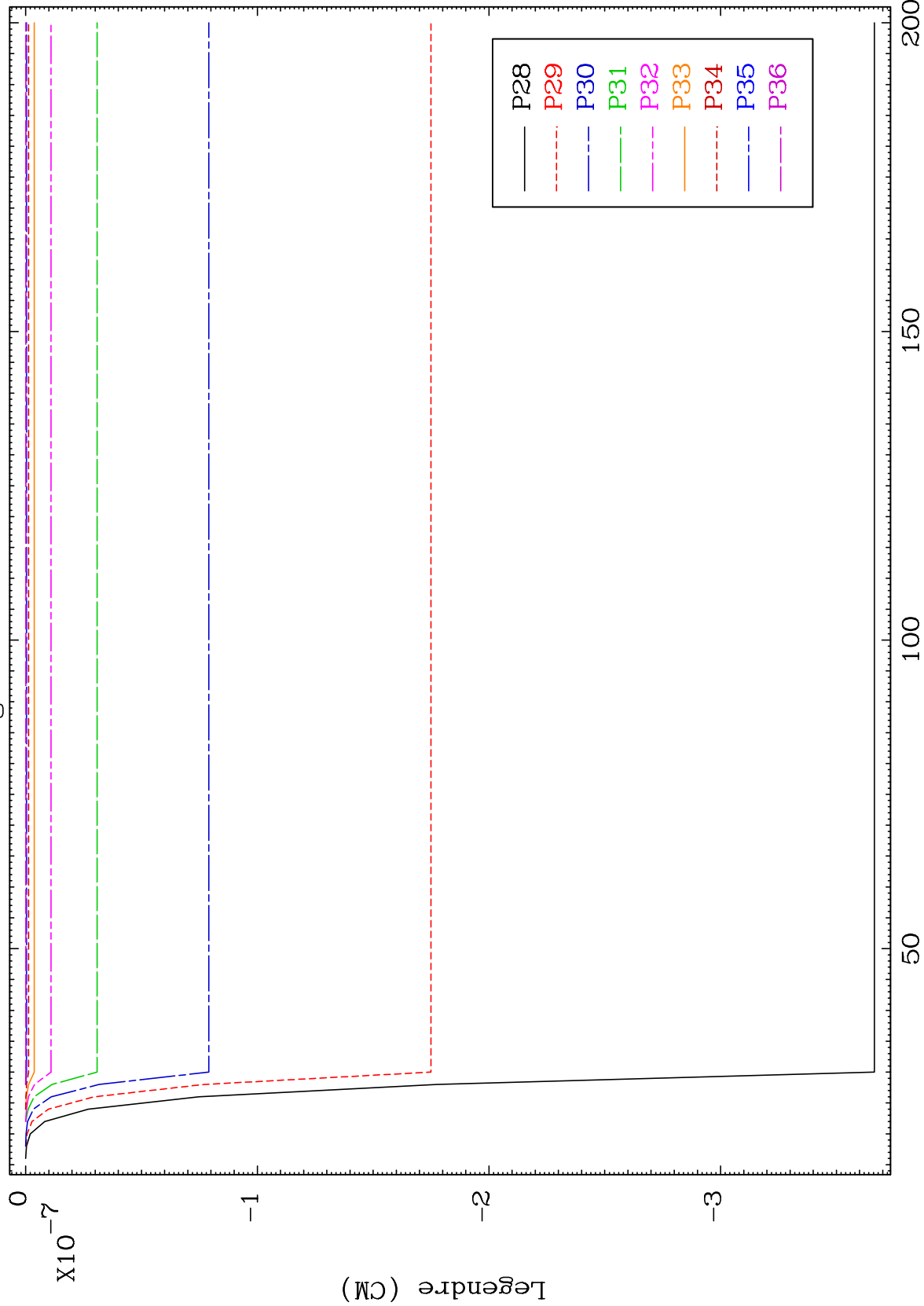


MAT 6813

MT= 68 (n,n') Level

68-Er-158

Legendre Coefficients



87

Incident Energy (MeV)

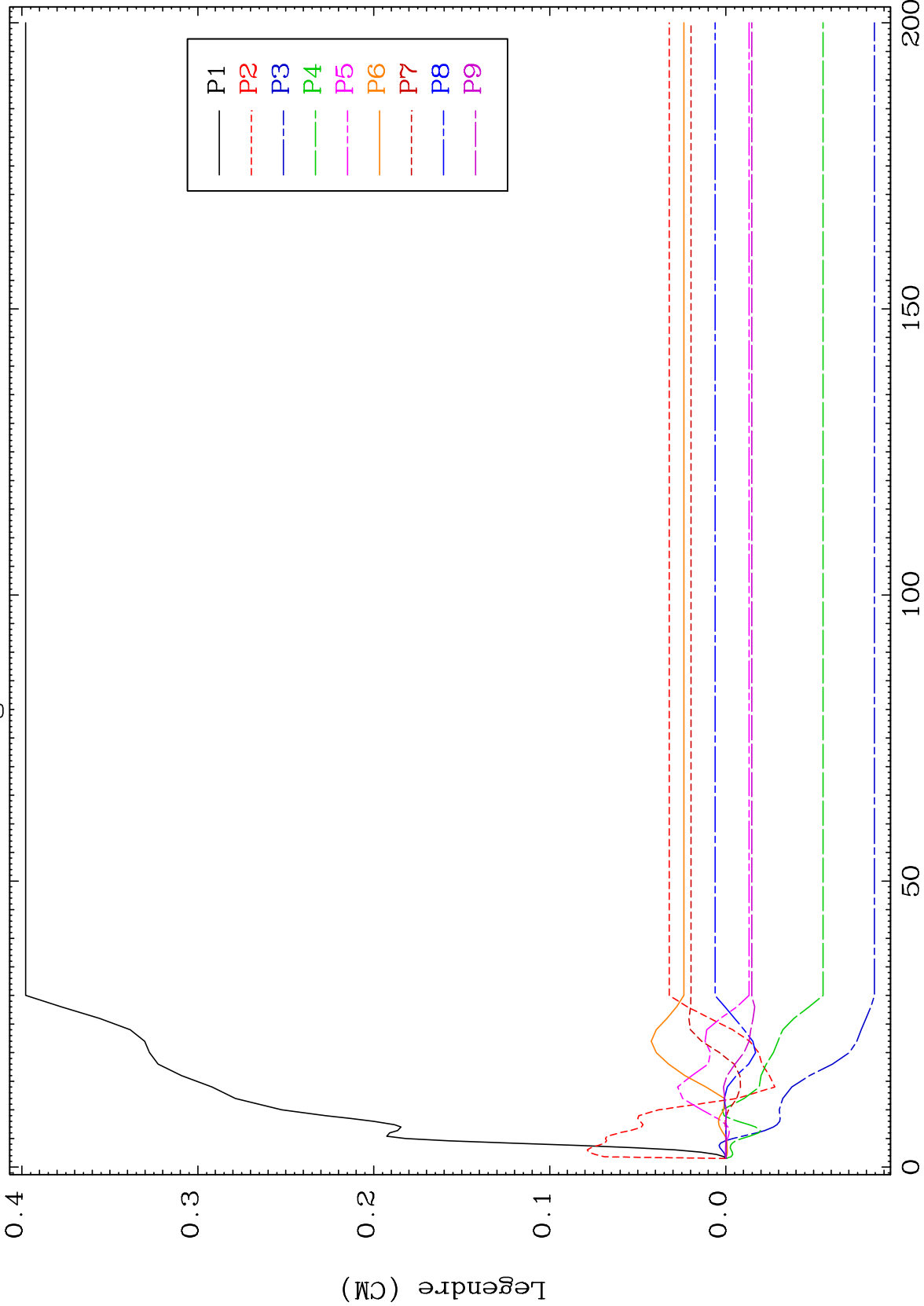
68-Er-158



MAT 6813

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

68-Er-158



Incident Energy (MeV)

68-Er-158

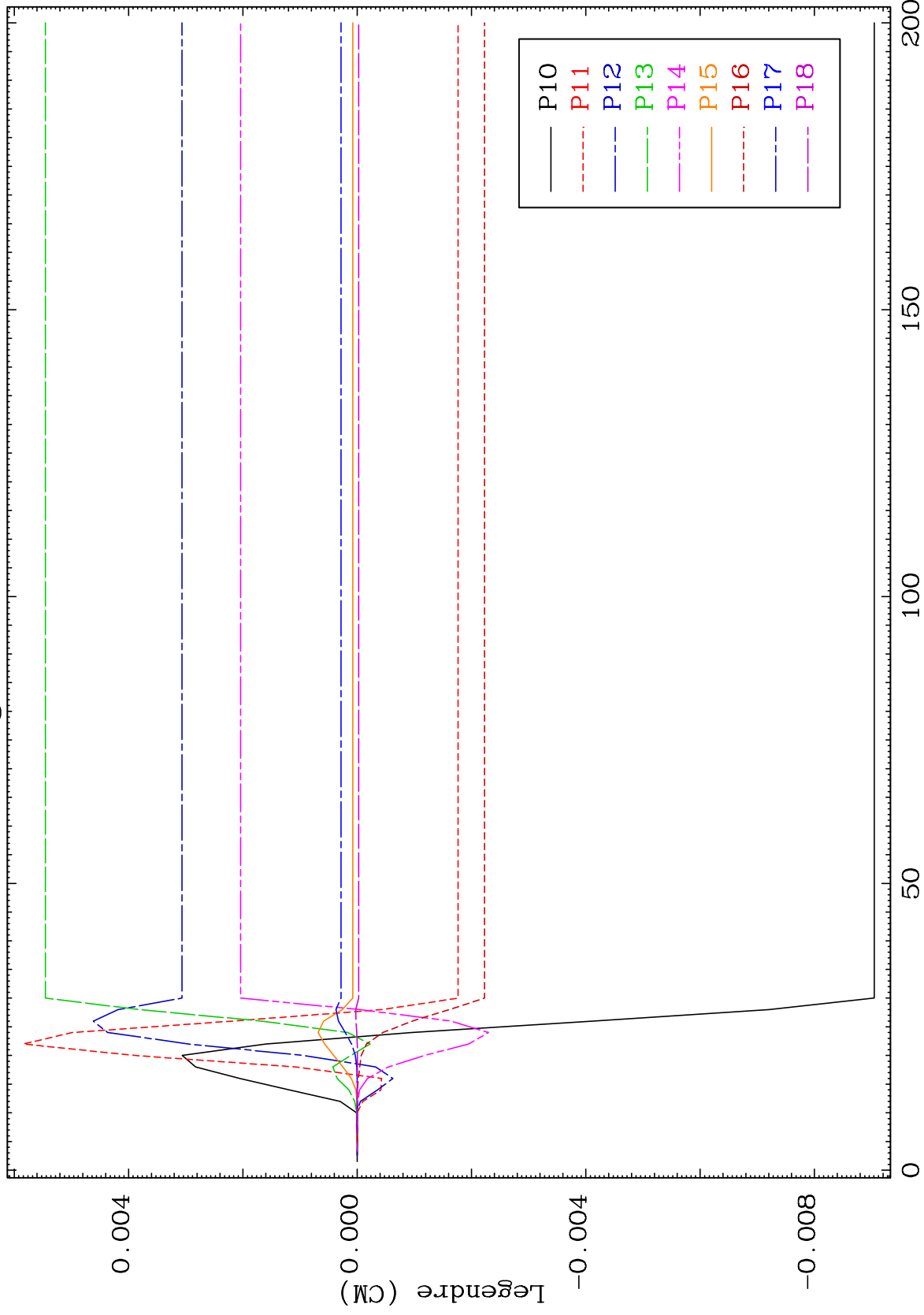
88

MAT 6813

MT= 69 (n,n') Level

68-Er-158

Legendre Coefficients



89

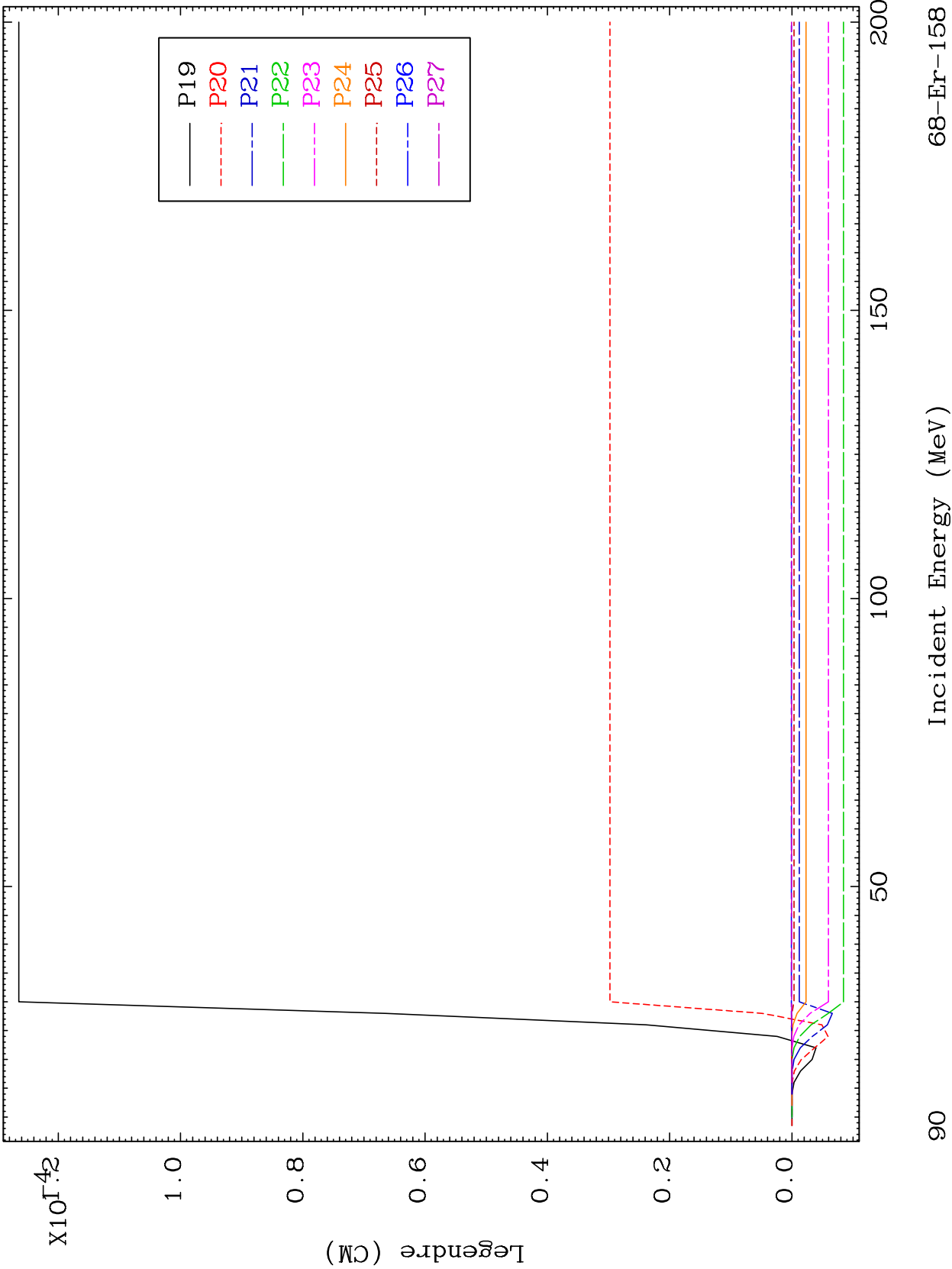
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



68-Er-158

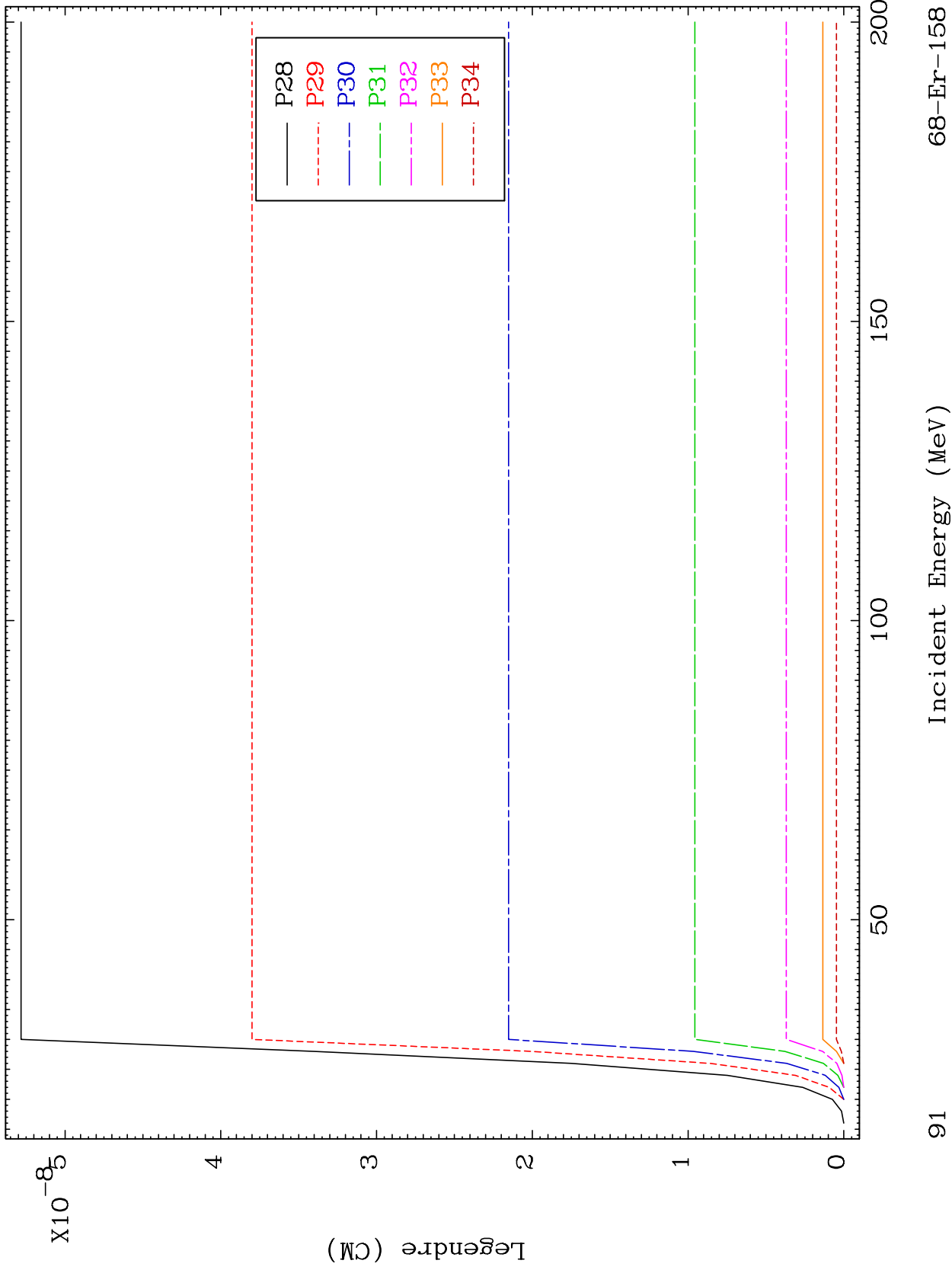
Incident Energy (MeV)

90

MAT 6813

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

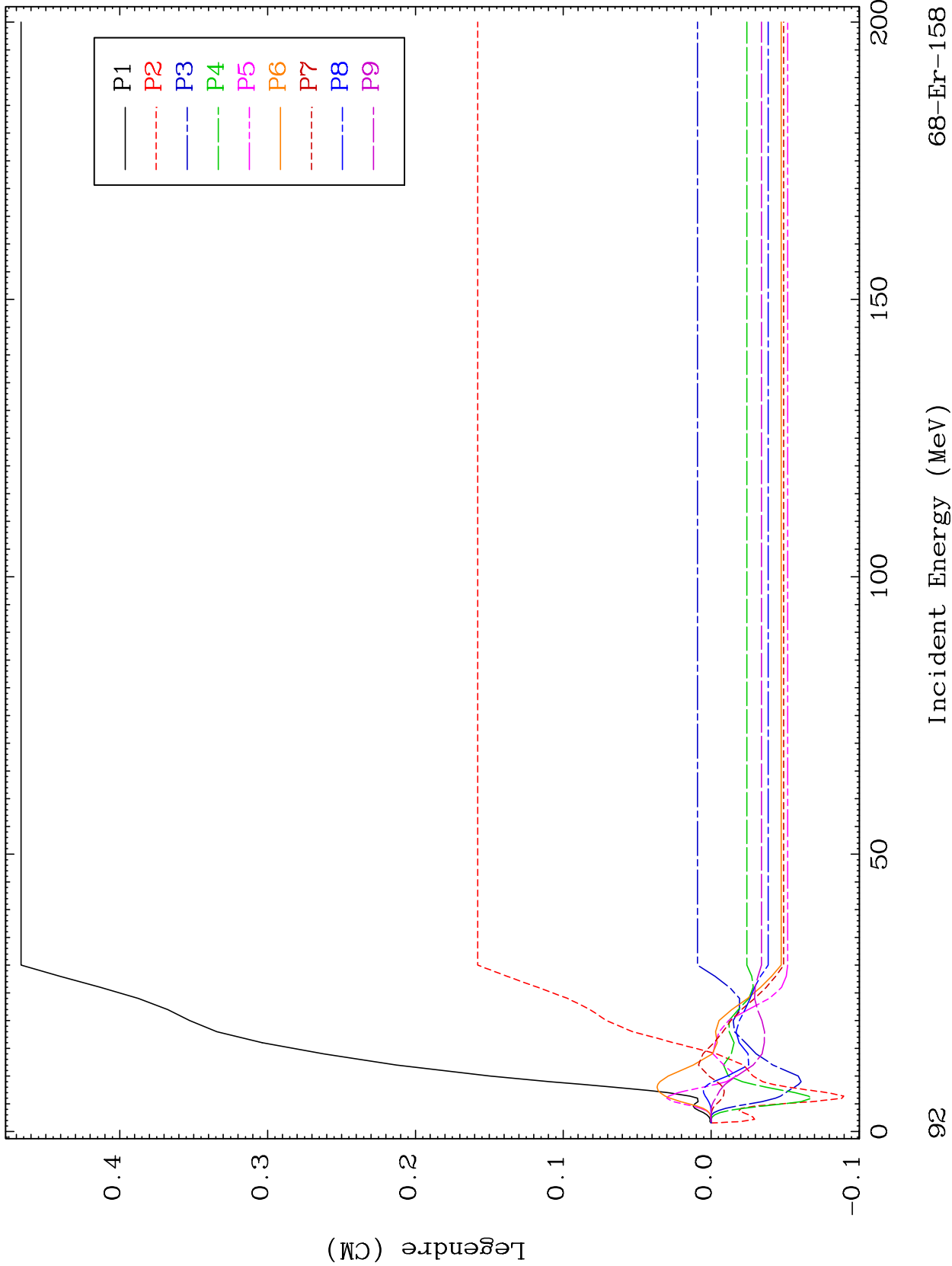
68-Er-158



MAT 6813

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

68-Er-158



68-Er-158

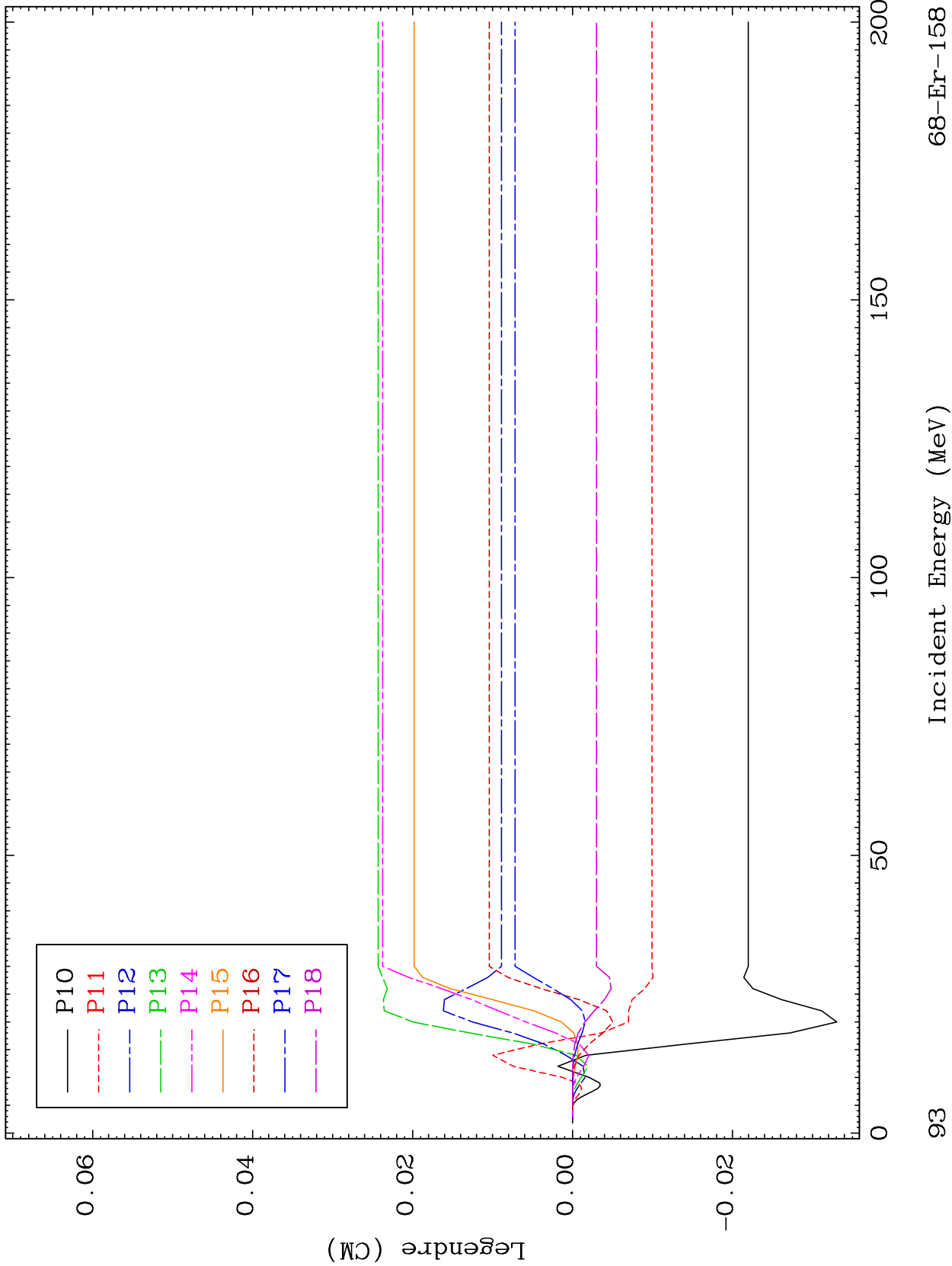
Incident Energy (MeV)

92

MAT 6813

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

68-Er-158



93

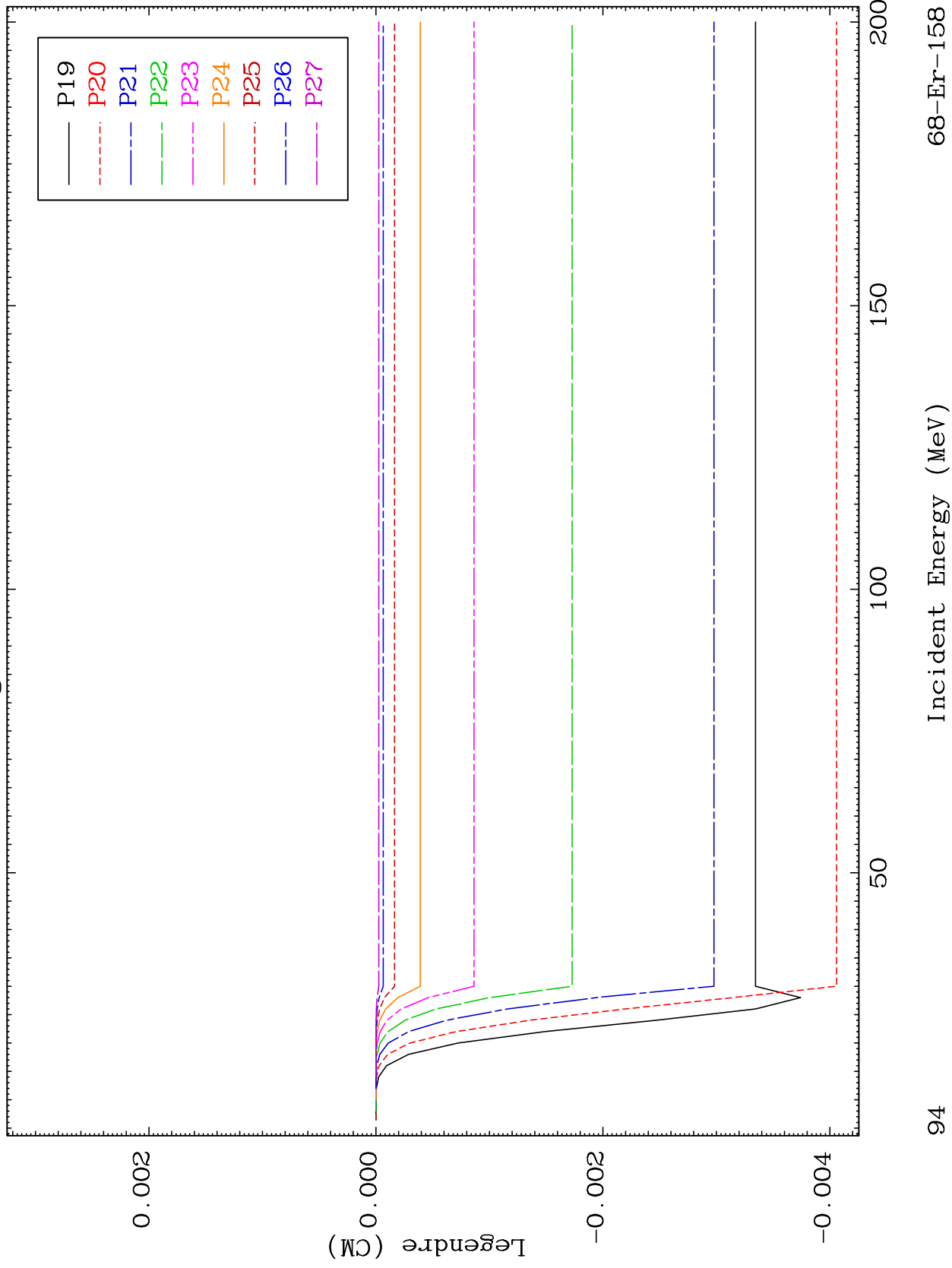
Incident Energy (MeV)

68-Er-158

MAT 6813

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

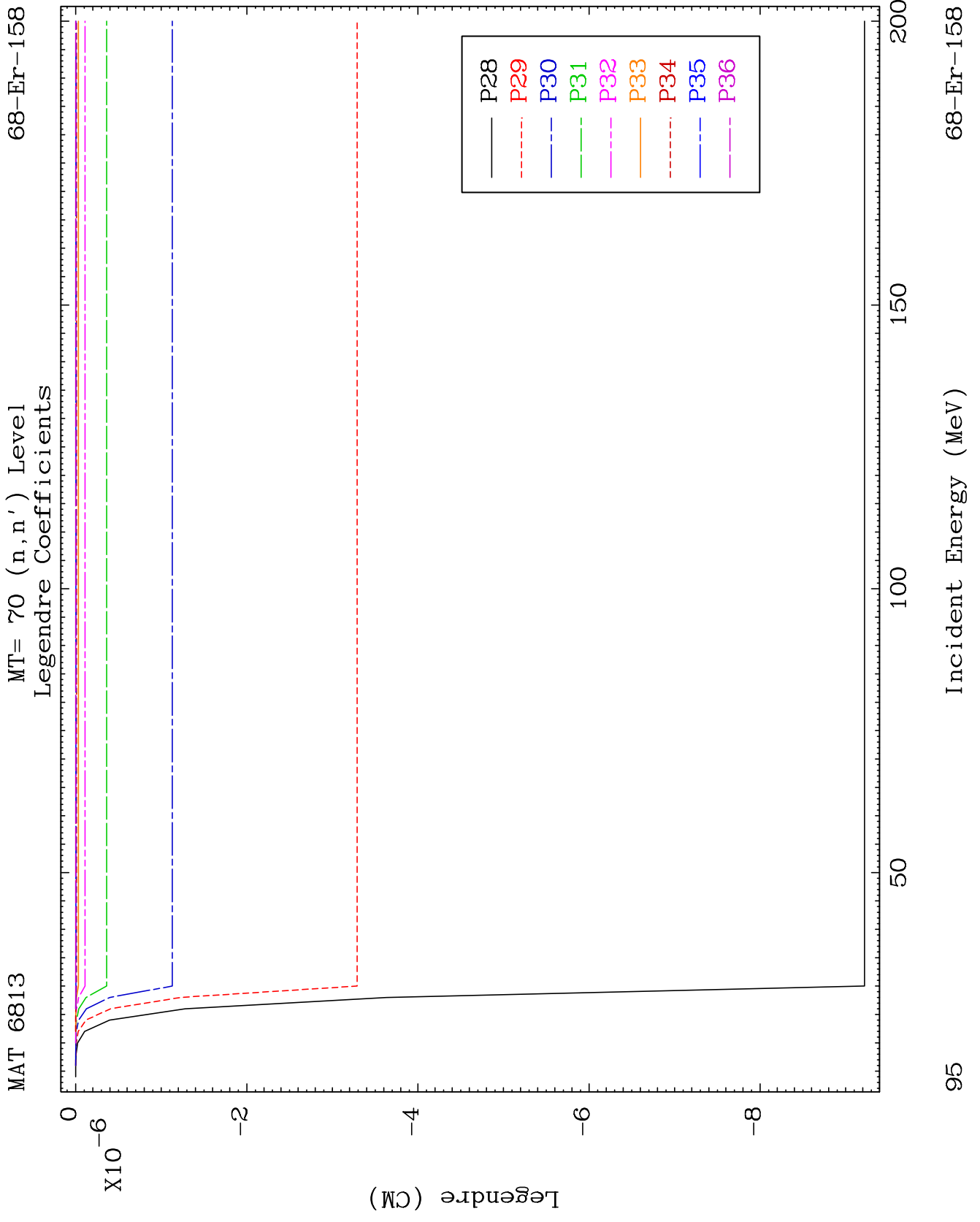
68-Er-158



94

Incident Energy (MeV)

68-Er-158

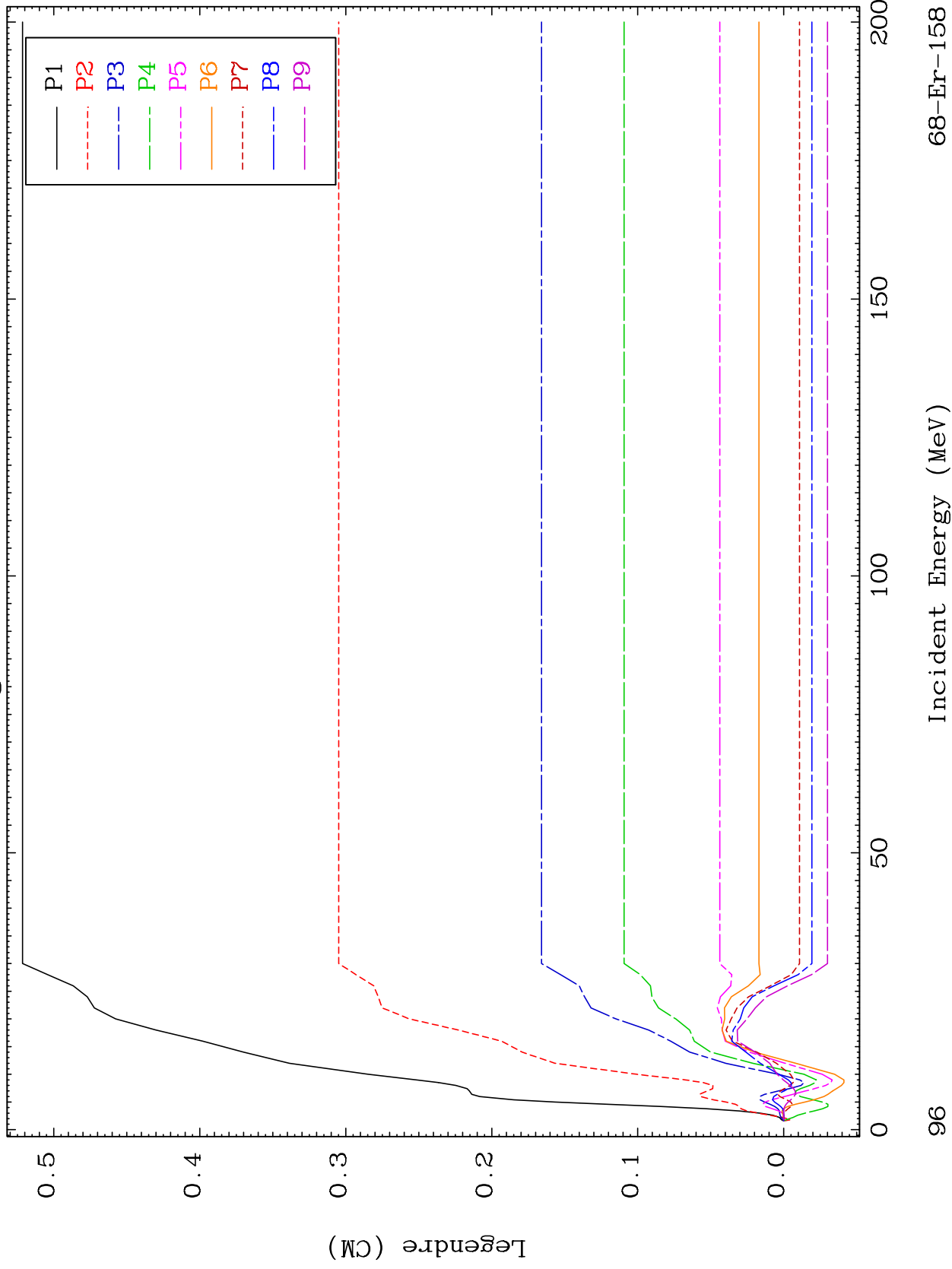




MAT 6813

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

68-Er-158



68-Er-158

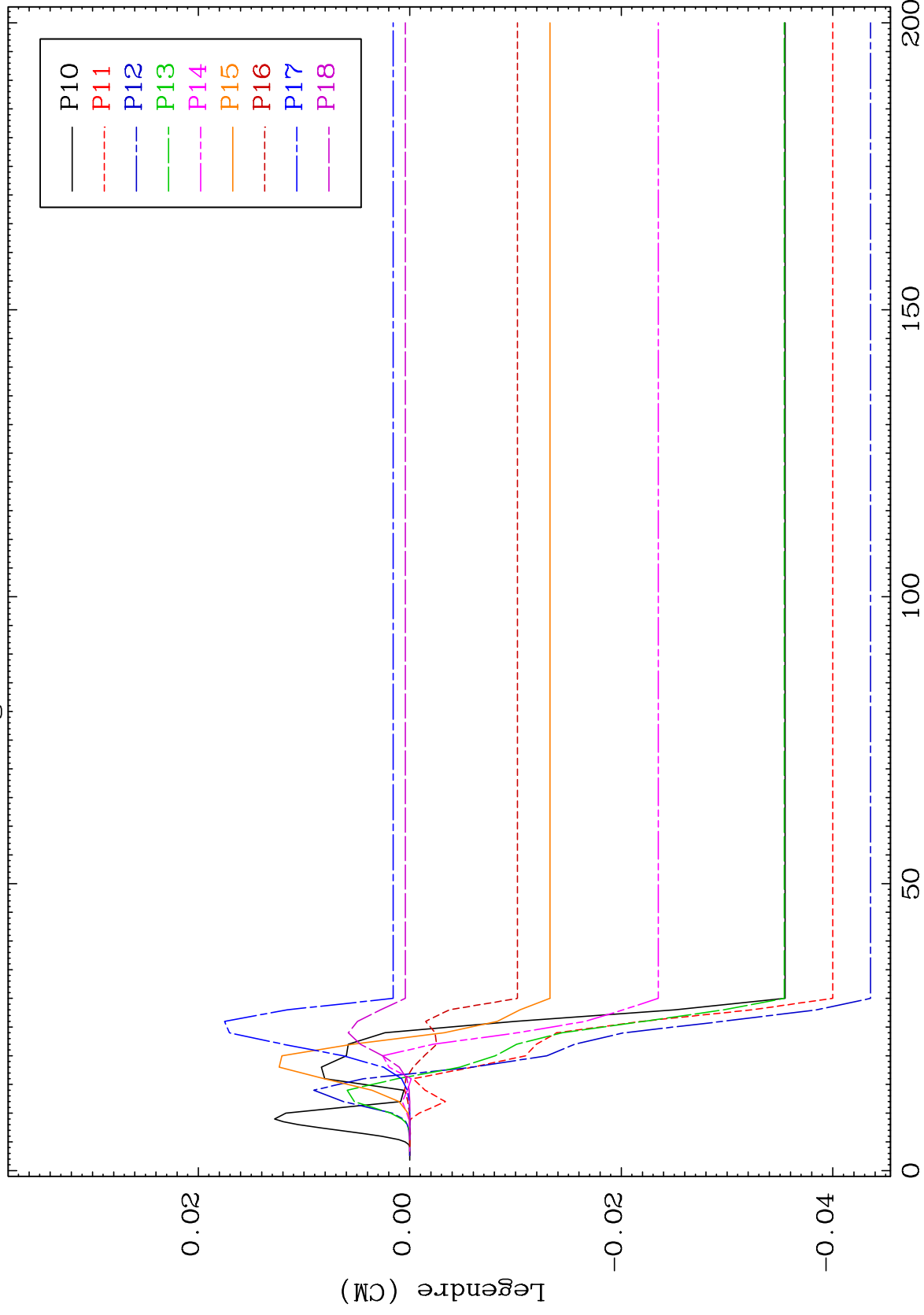
Incident Energy (MeV)

96

MAT 6813

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

68-Er-158



97

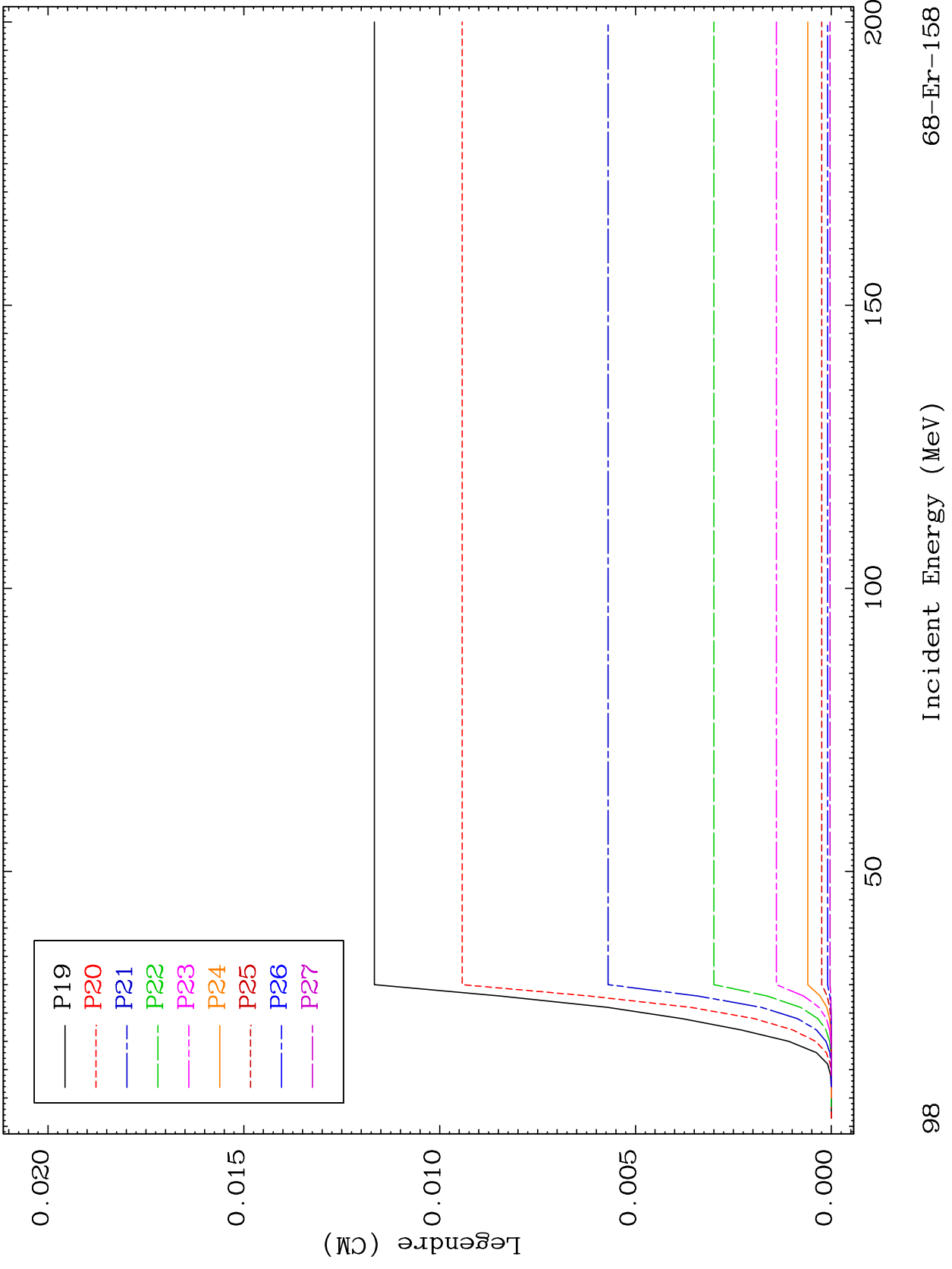
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



98

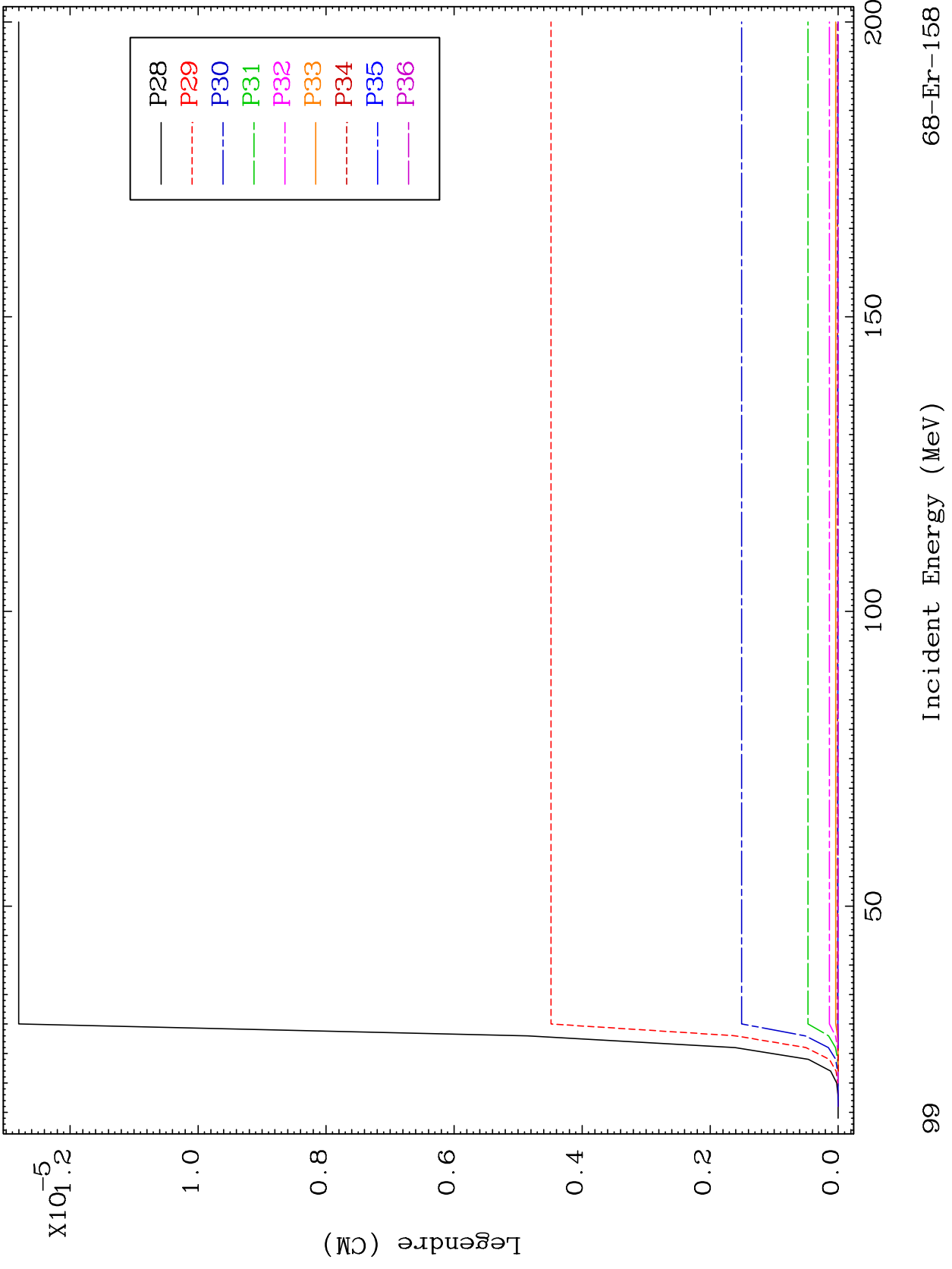
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



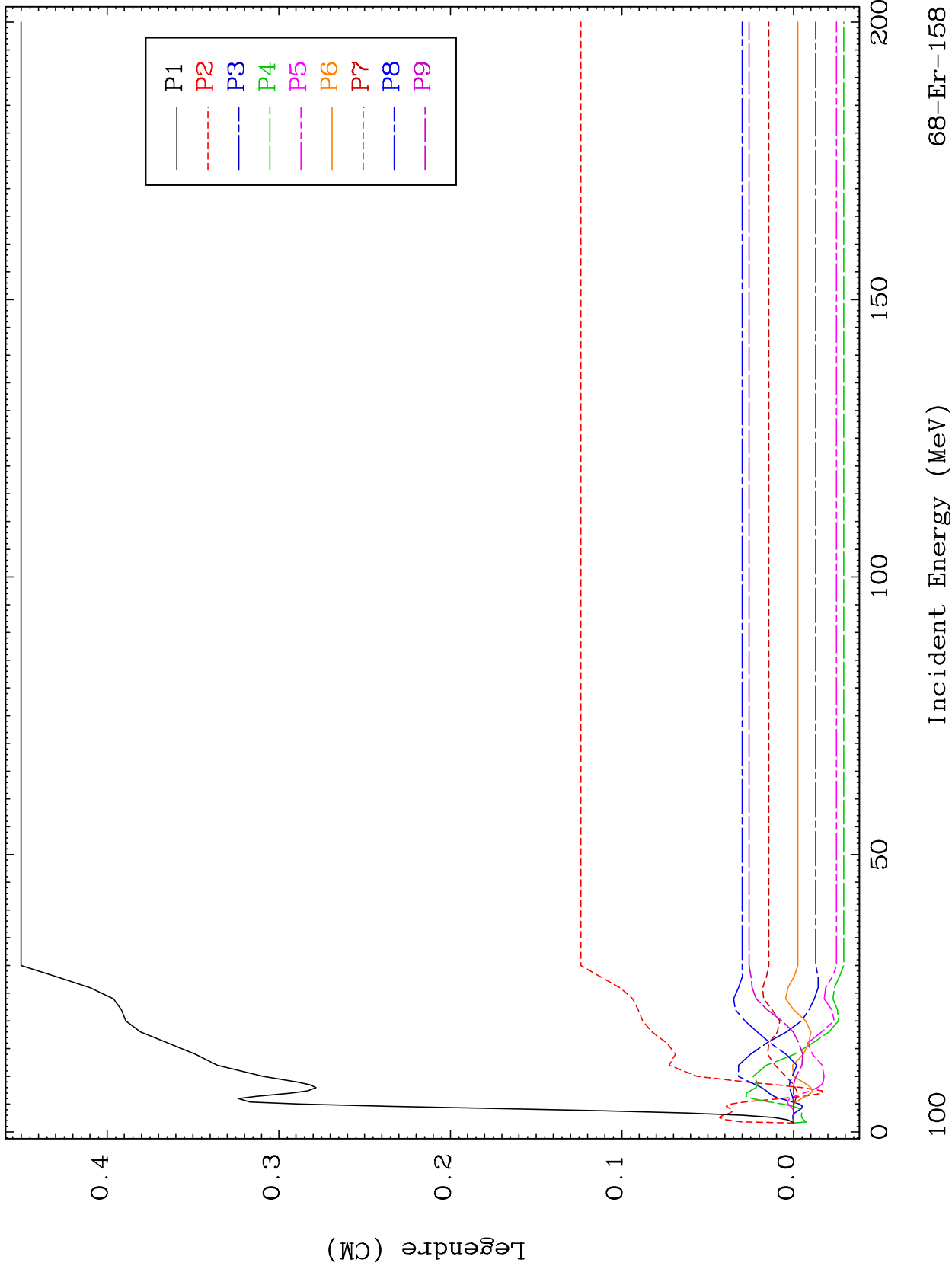
99

68-Er-158

MAT 6813

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

68-Er-158



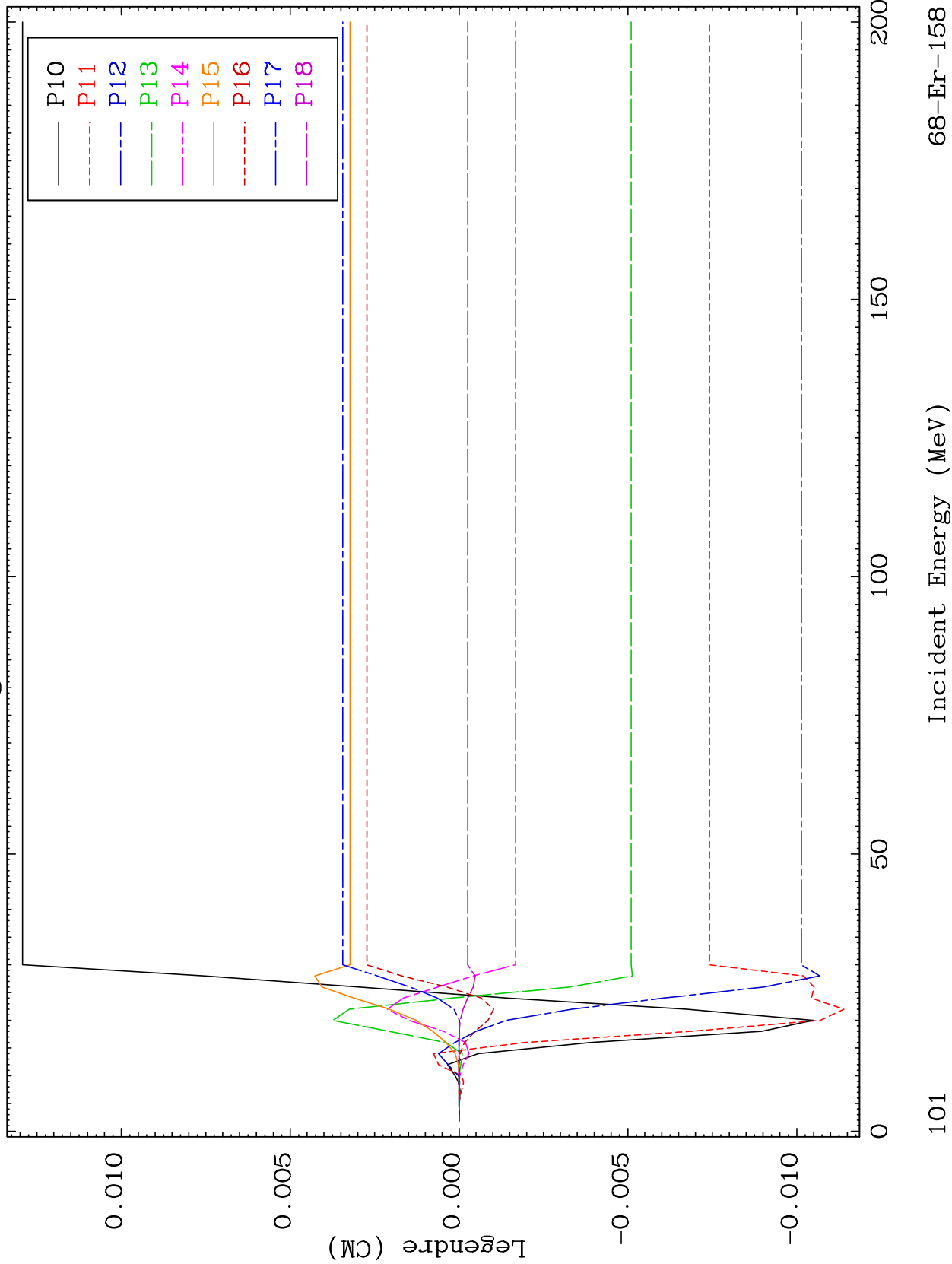
68-Er-158

Incident Energy (MeV)

MAT 6813

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

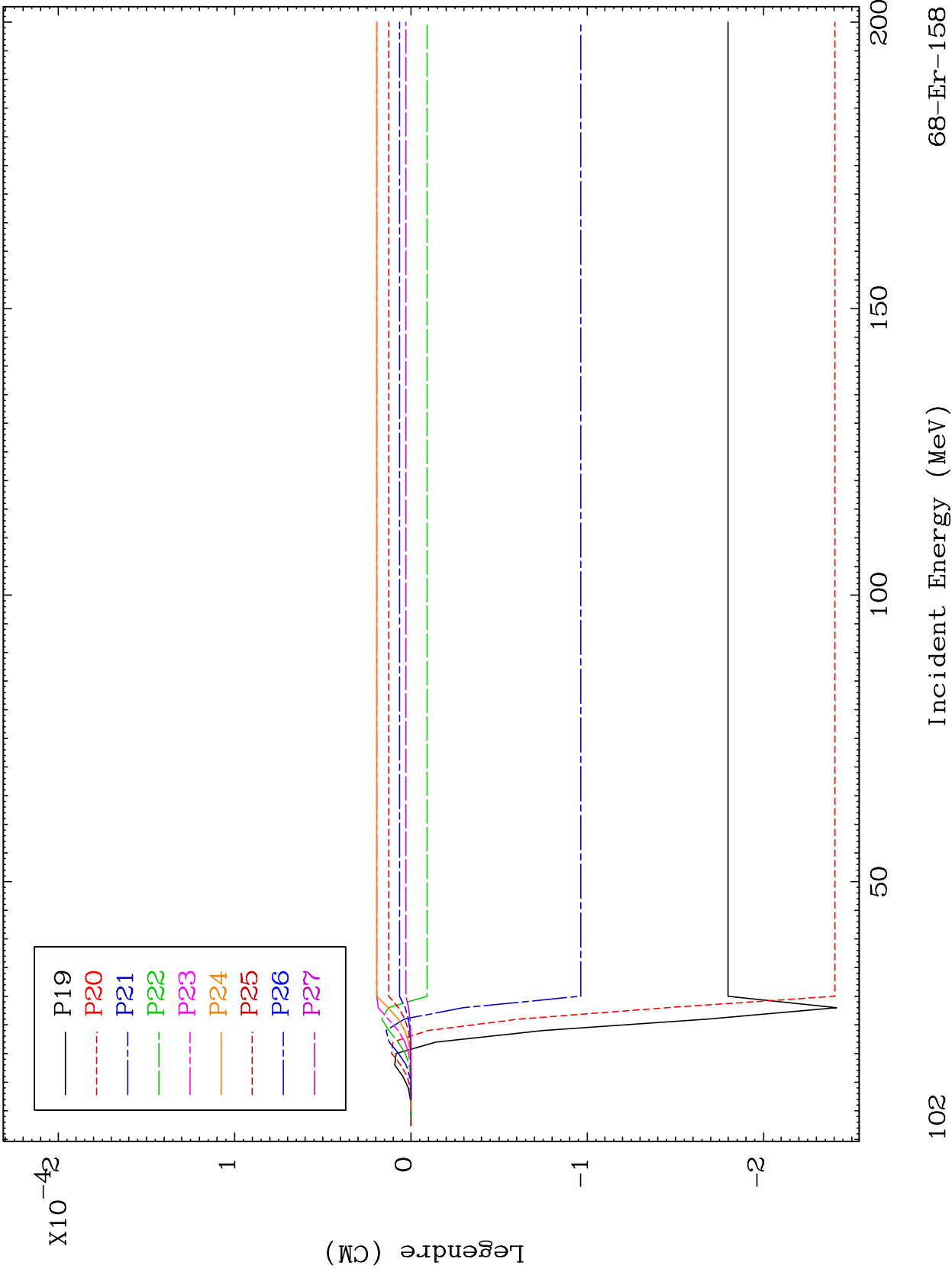
68-Er-158



68-Er-158

Incident Energy (MeV)

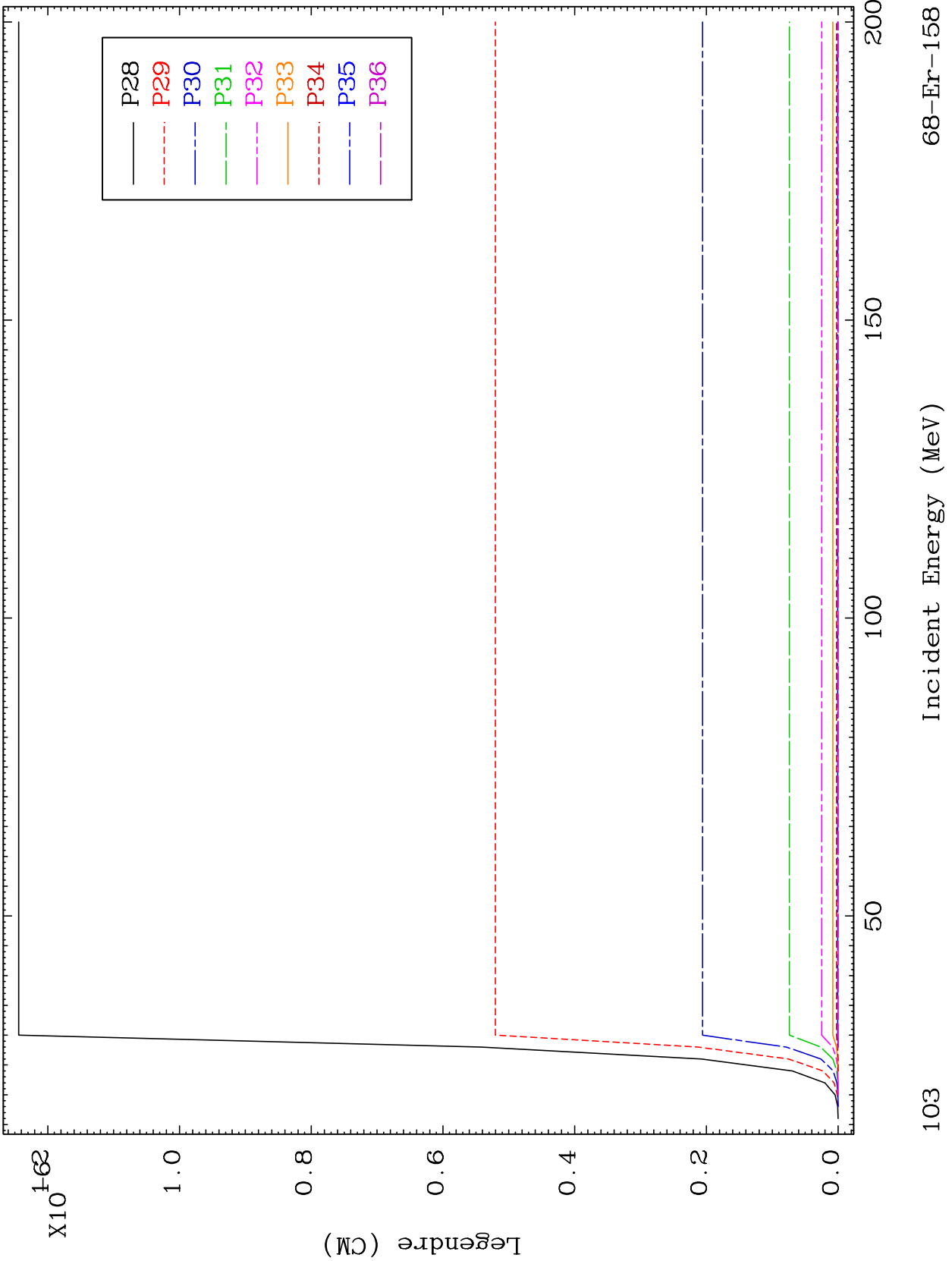
101



MAT 6813

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

68-Er-158



103

Incident Energy (MeV)

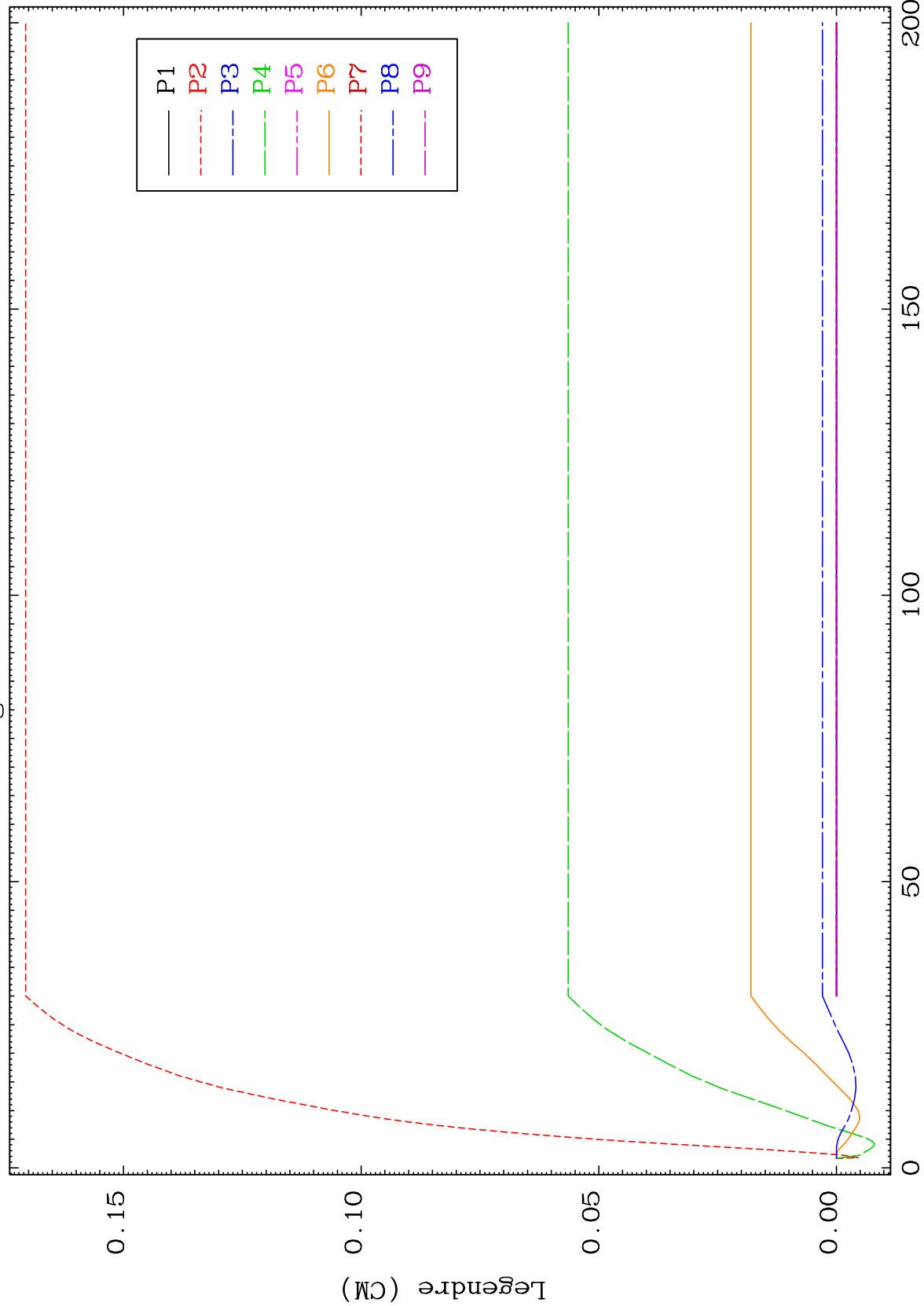
68-Er-158



MAT 6813

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

68-Er-158



68-Er-158

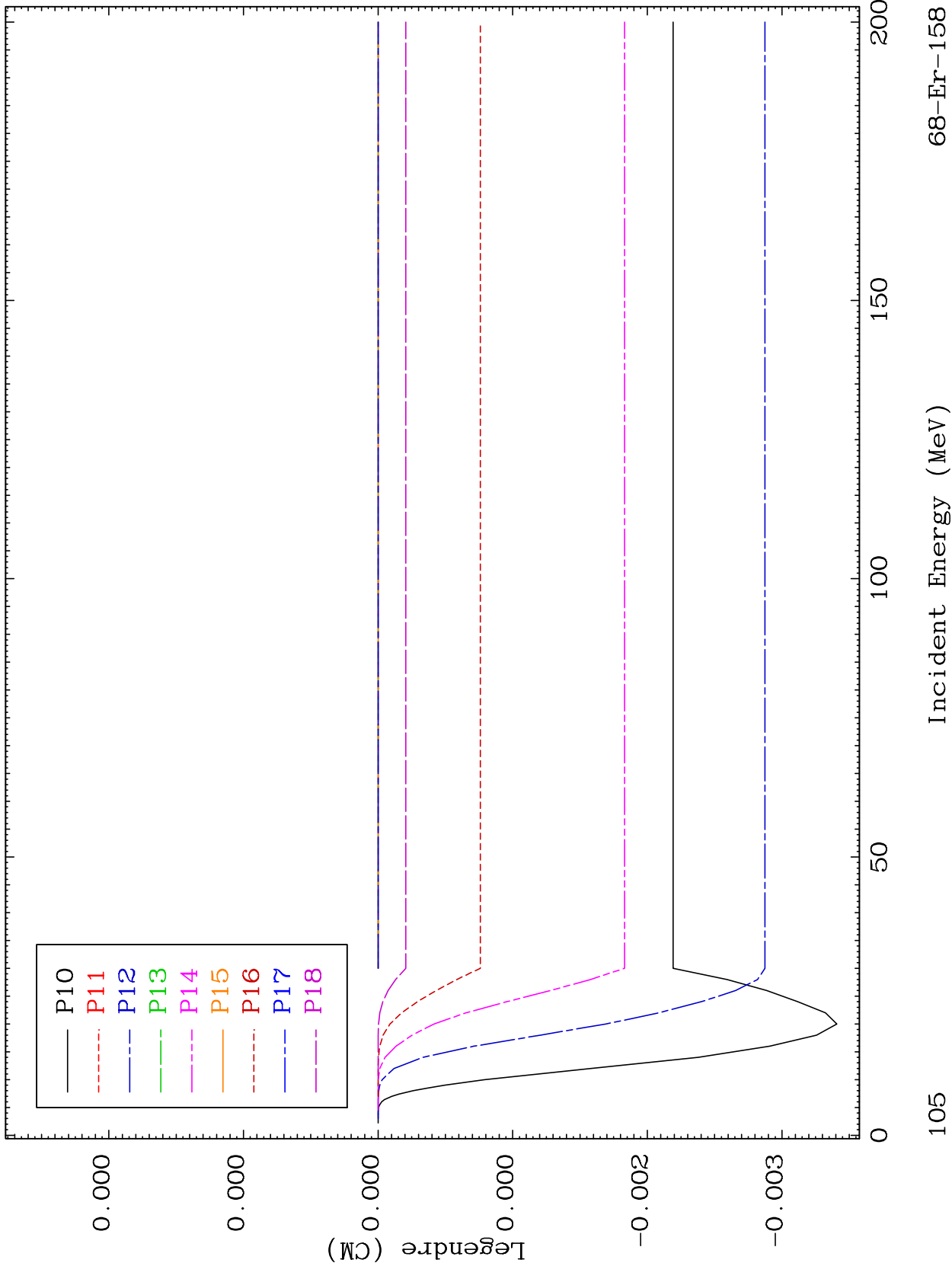
Incident Energy (MeV)

104

MAT 6813

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

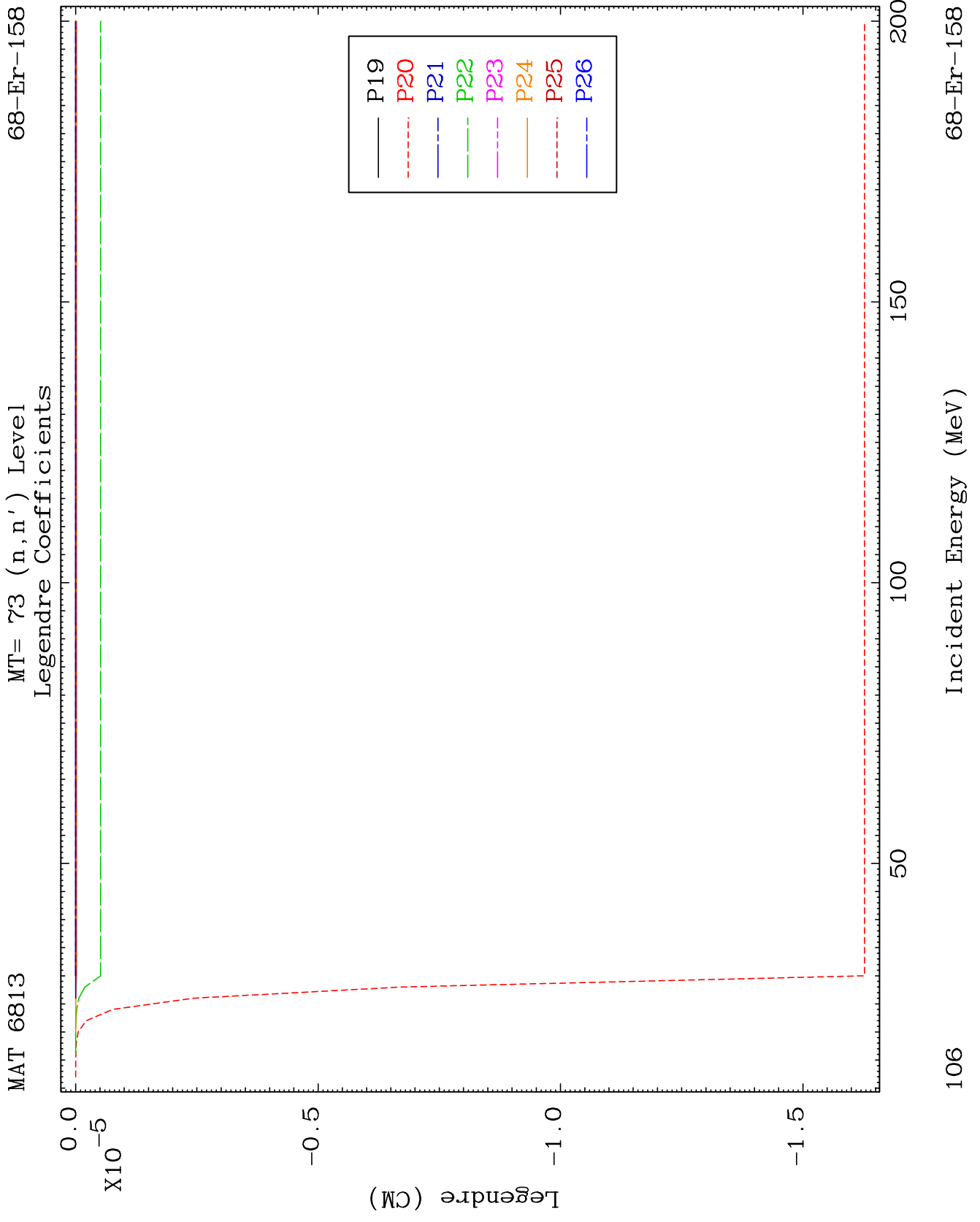
68-Er-158



105

Incident Energy (MeV)

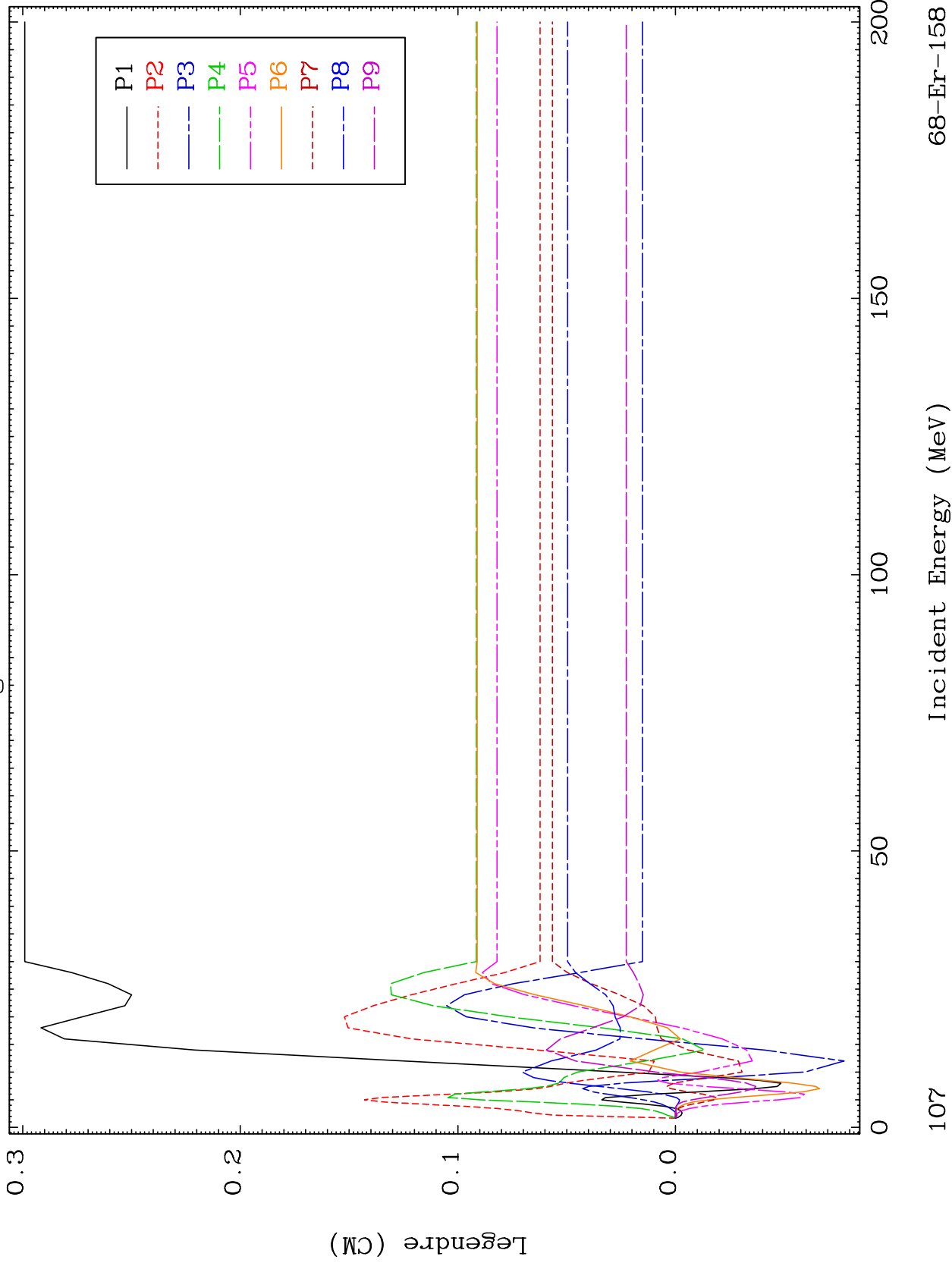
68-Er-158



MAT 6813

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

68-Er-158



68-Er-158

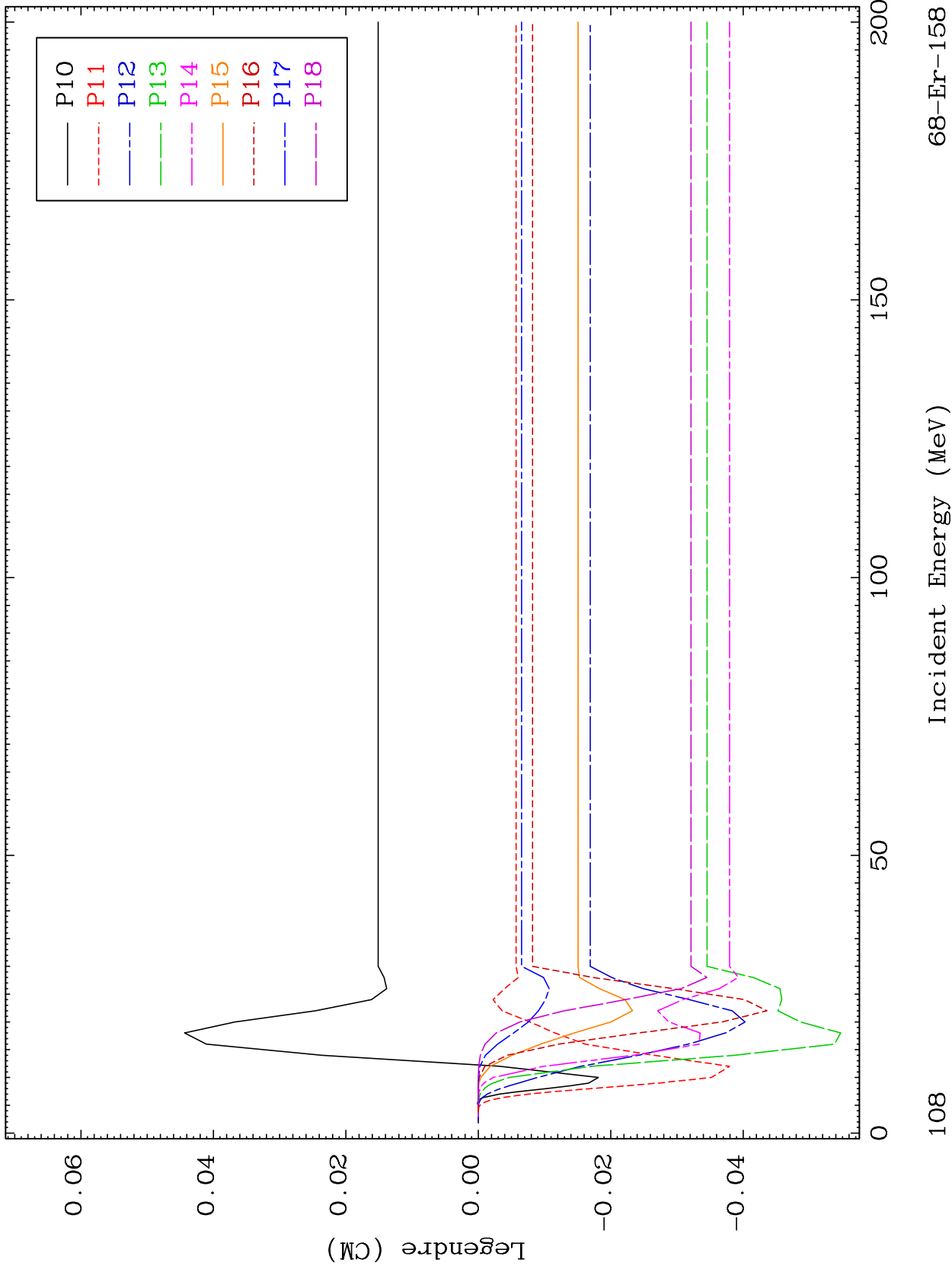
Incident Energy (MeV)

107

MAT 6813

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

68-Er-158



68-Er-158

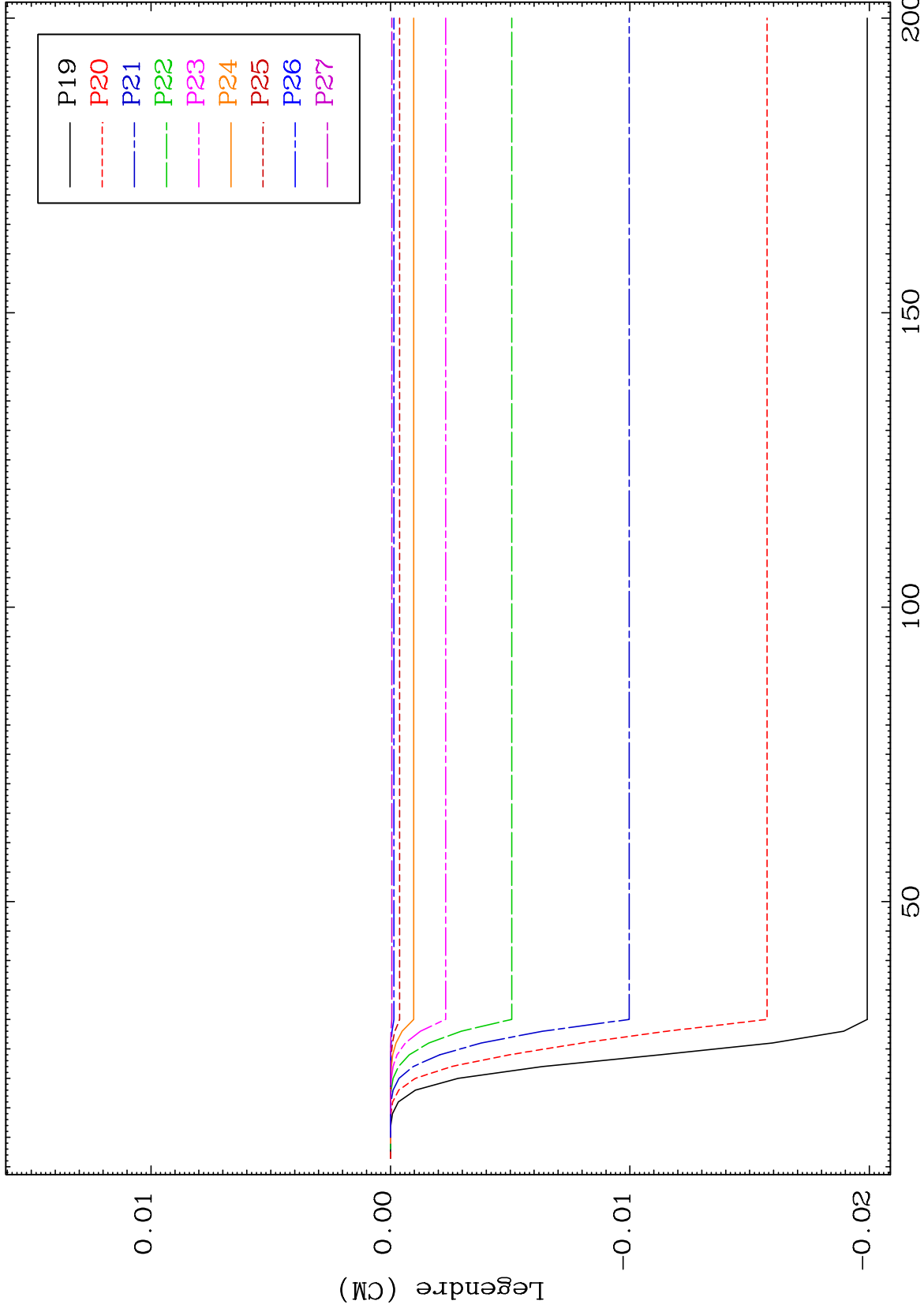
Incident Energy (MeV)

108

MAT 6813

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

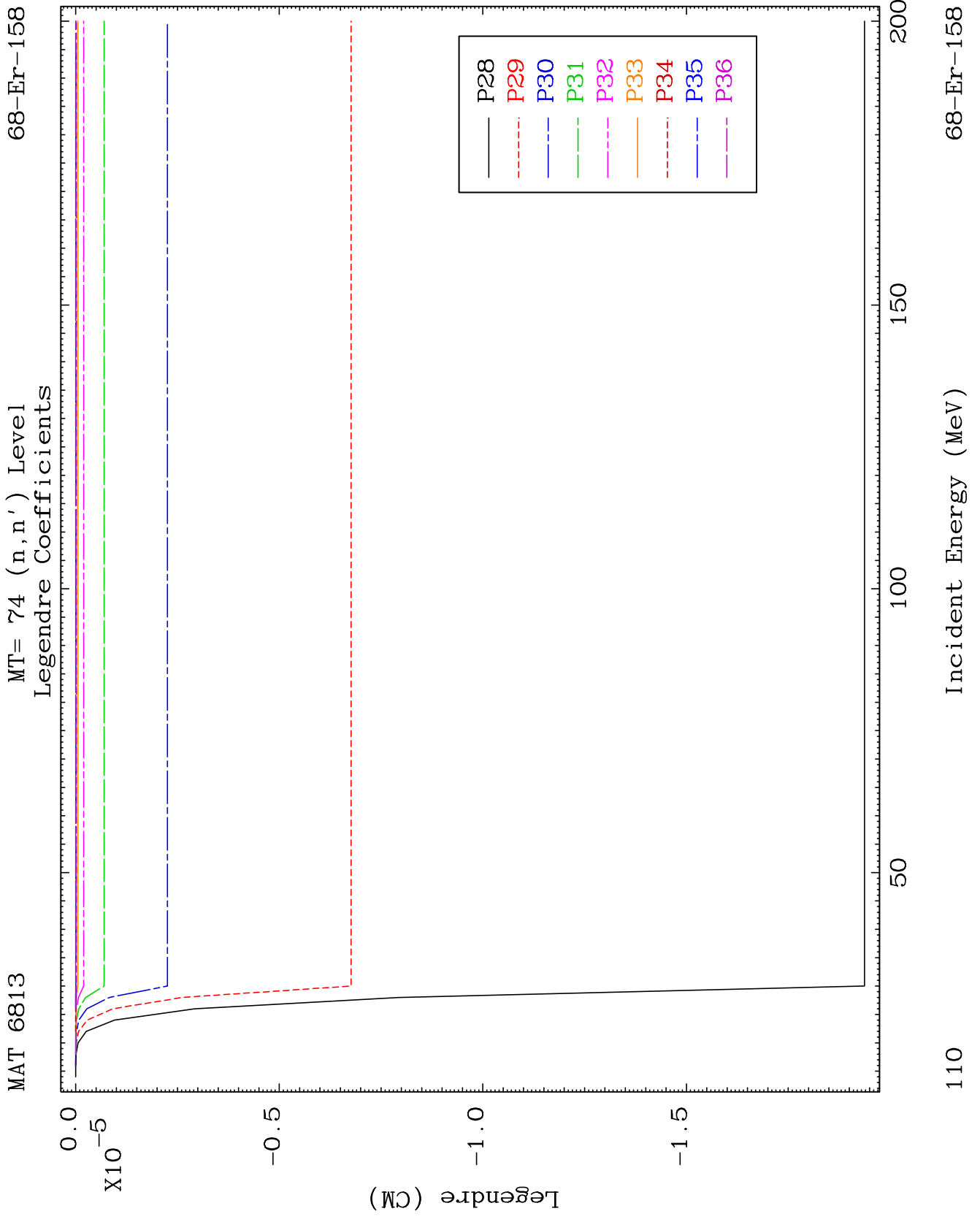
68-Er-158



109

Incident Energy (MeV)

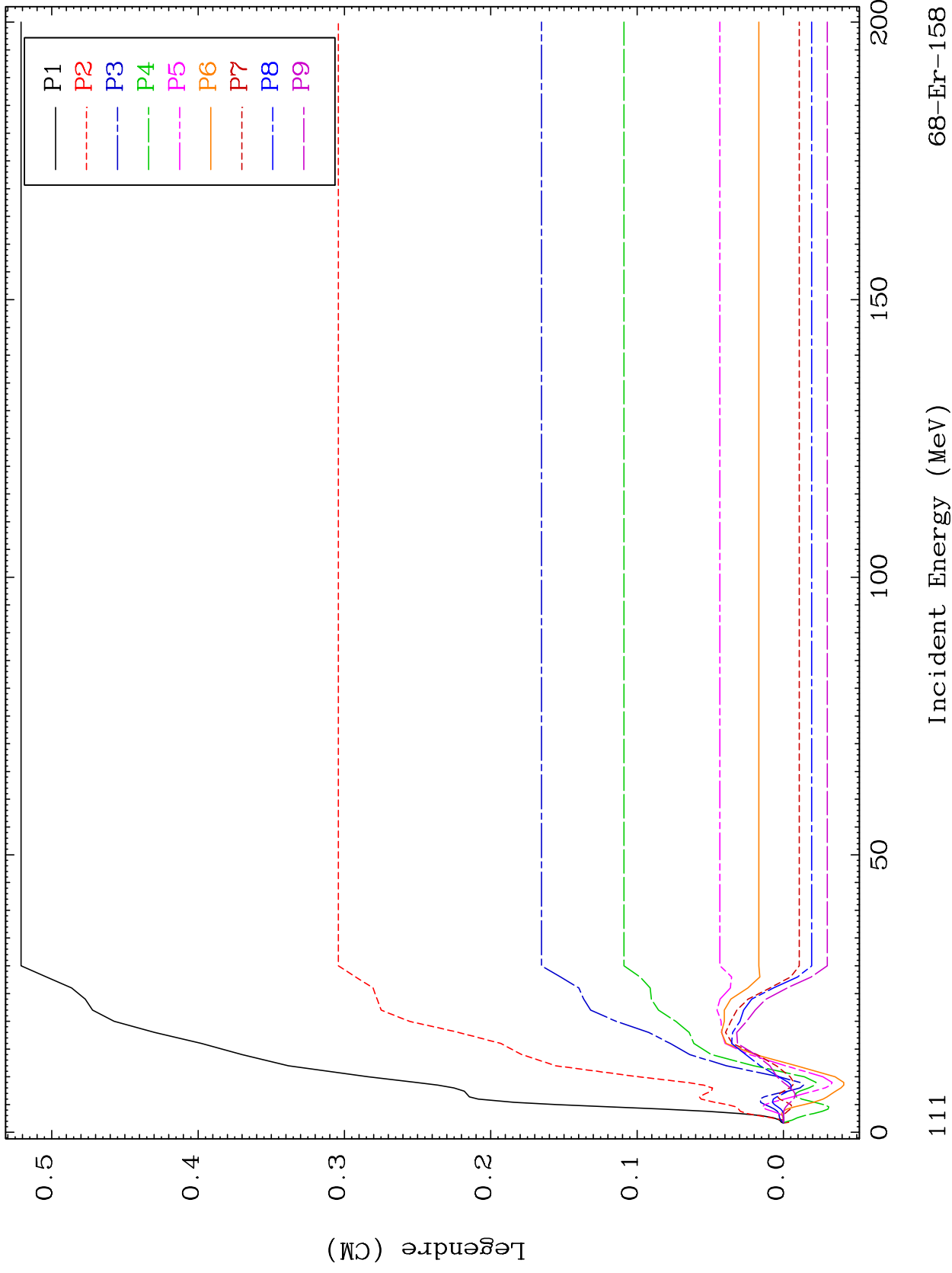
68-Er-158



MAT 6813

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

68-Er-158

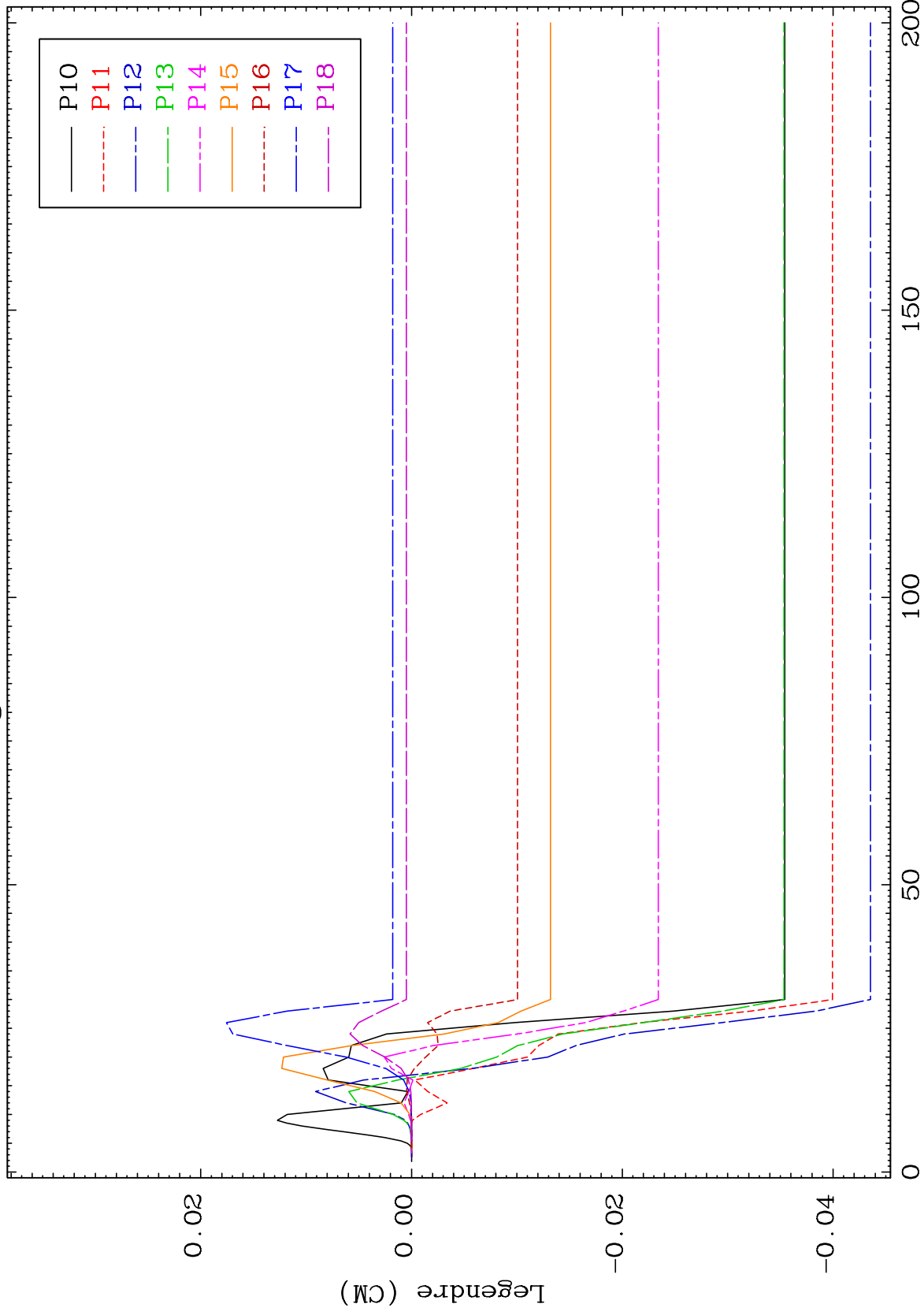




MAT 6813

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

68-Er-158



112

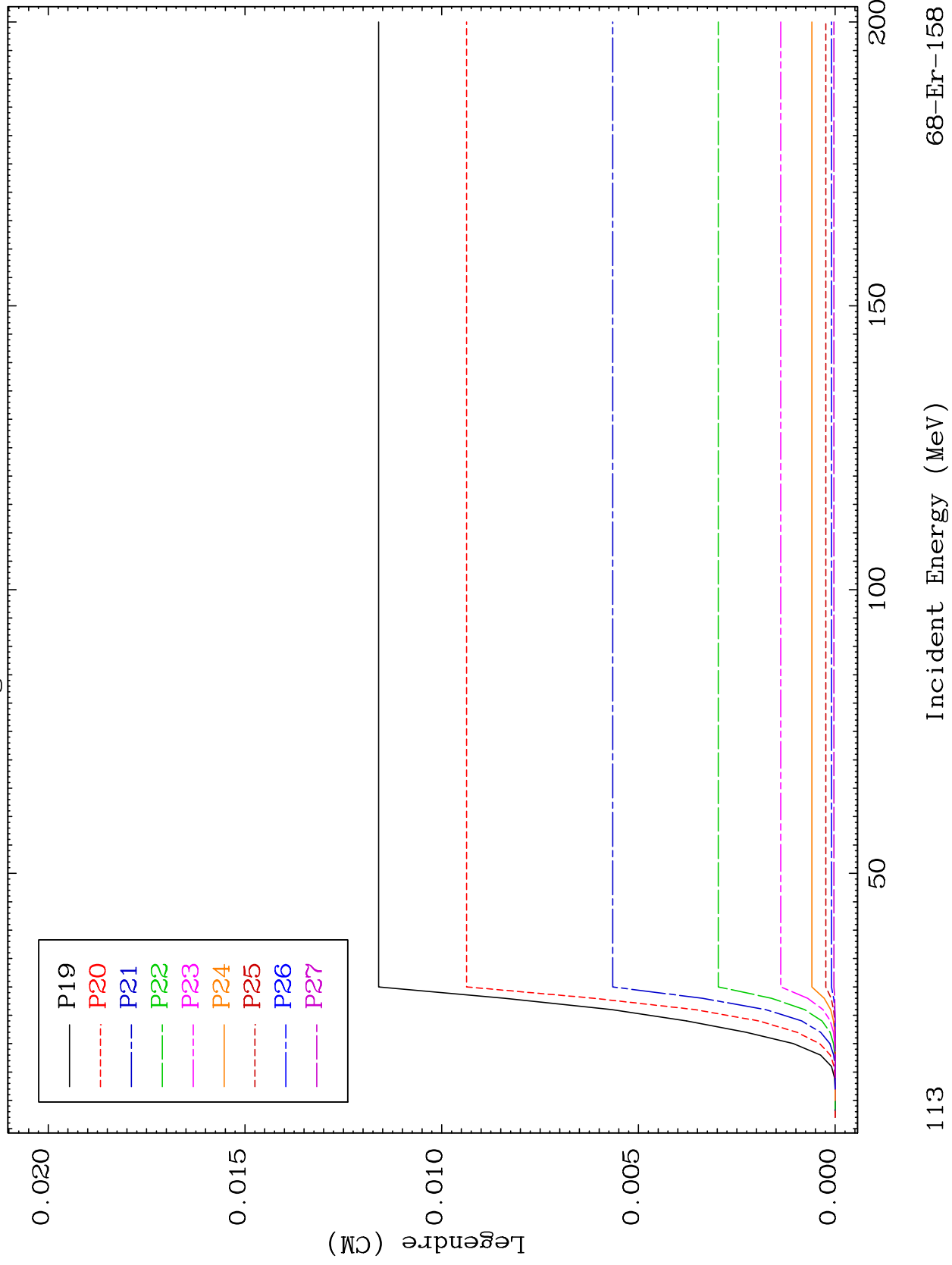
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158

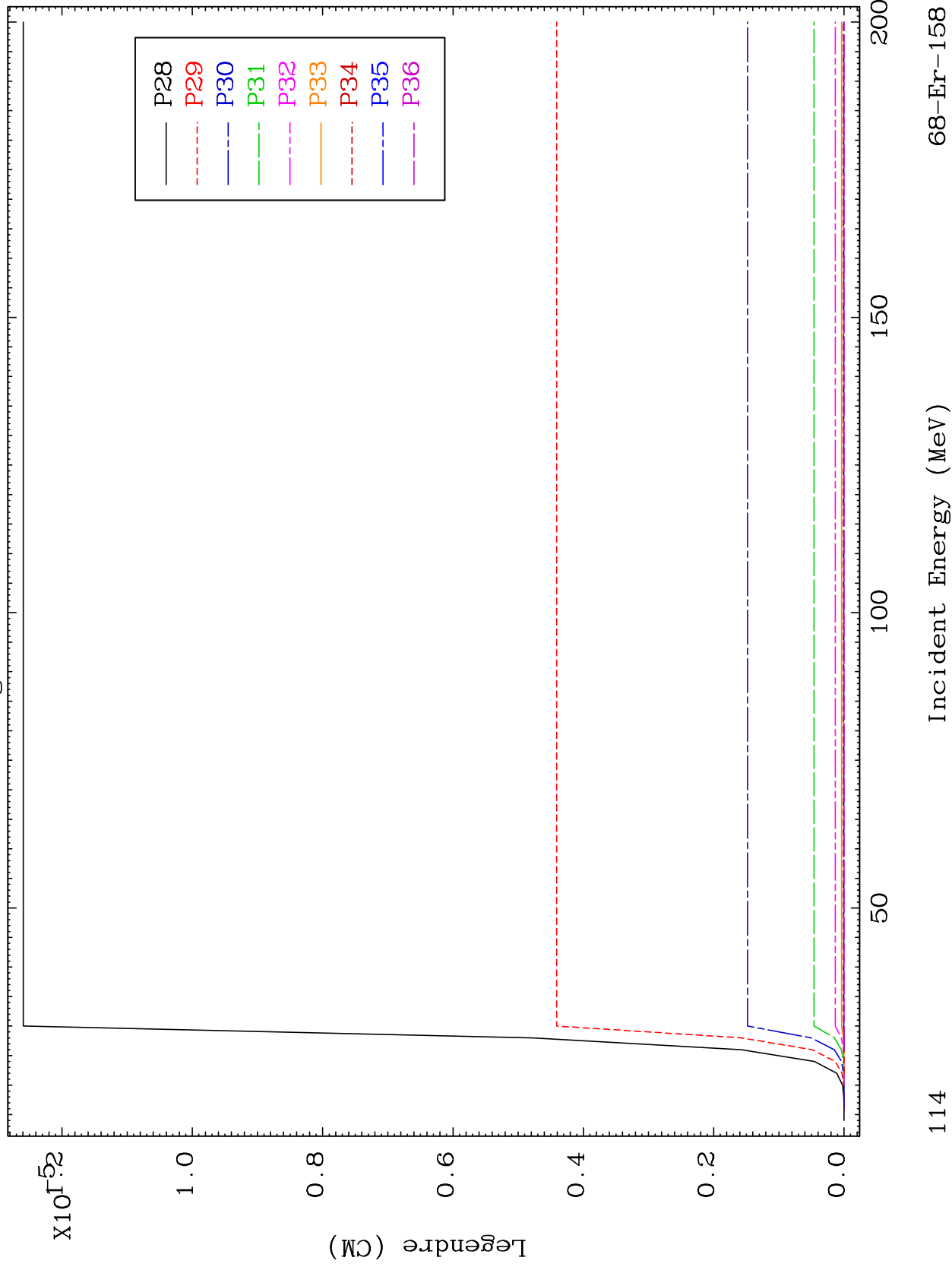


113

MAT 6813

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

68-Er-158



114

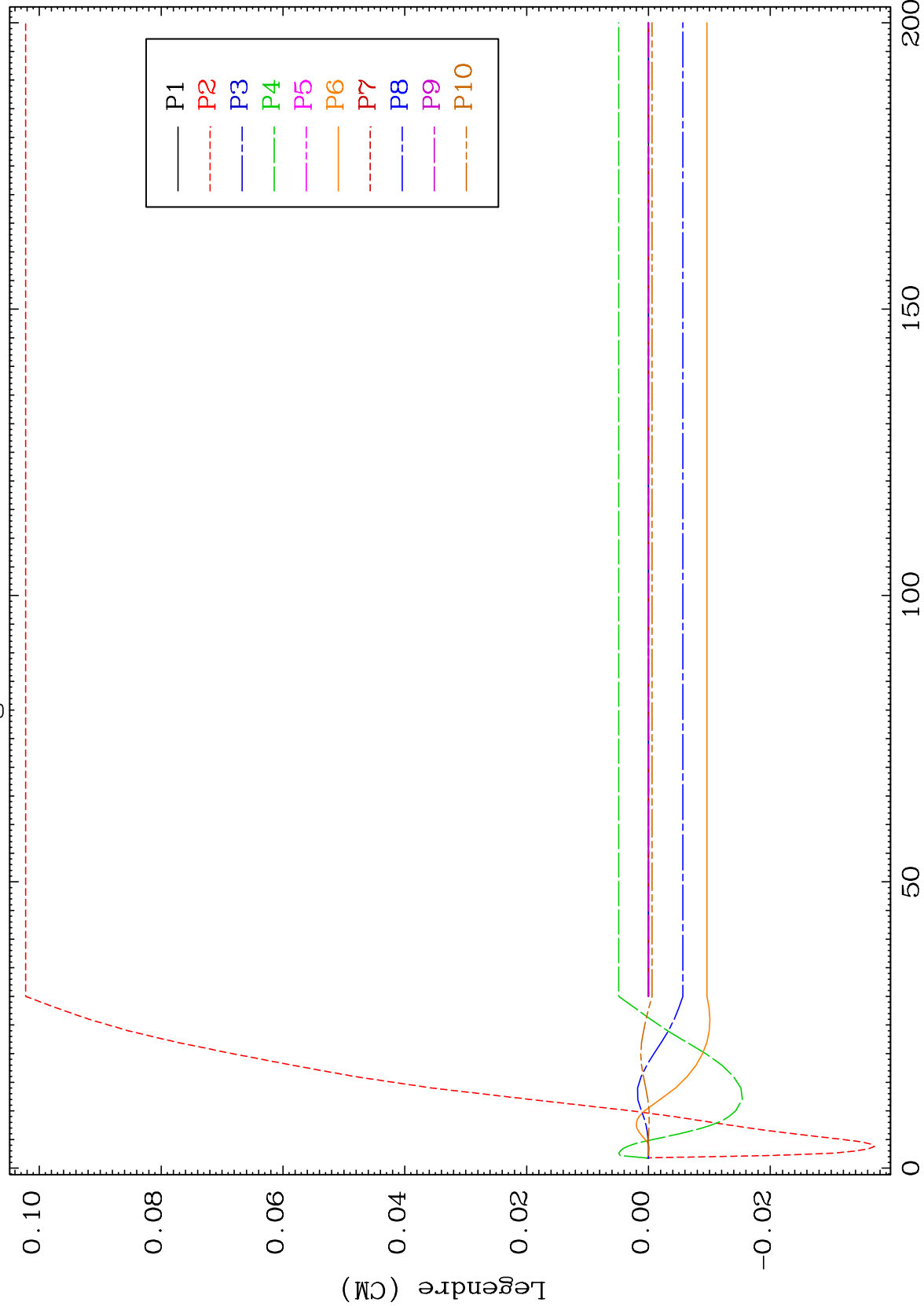
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



68-Er-158

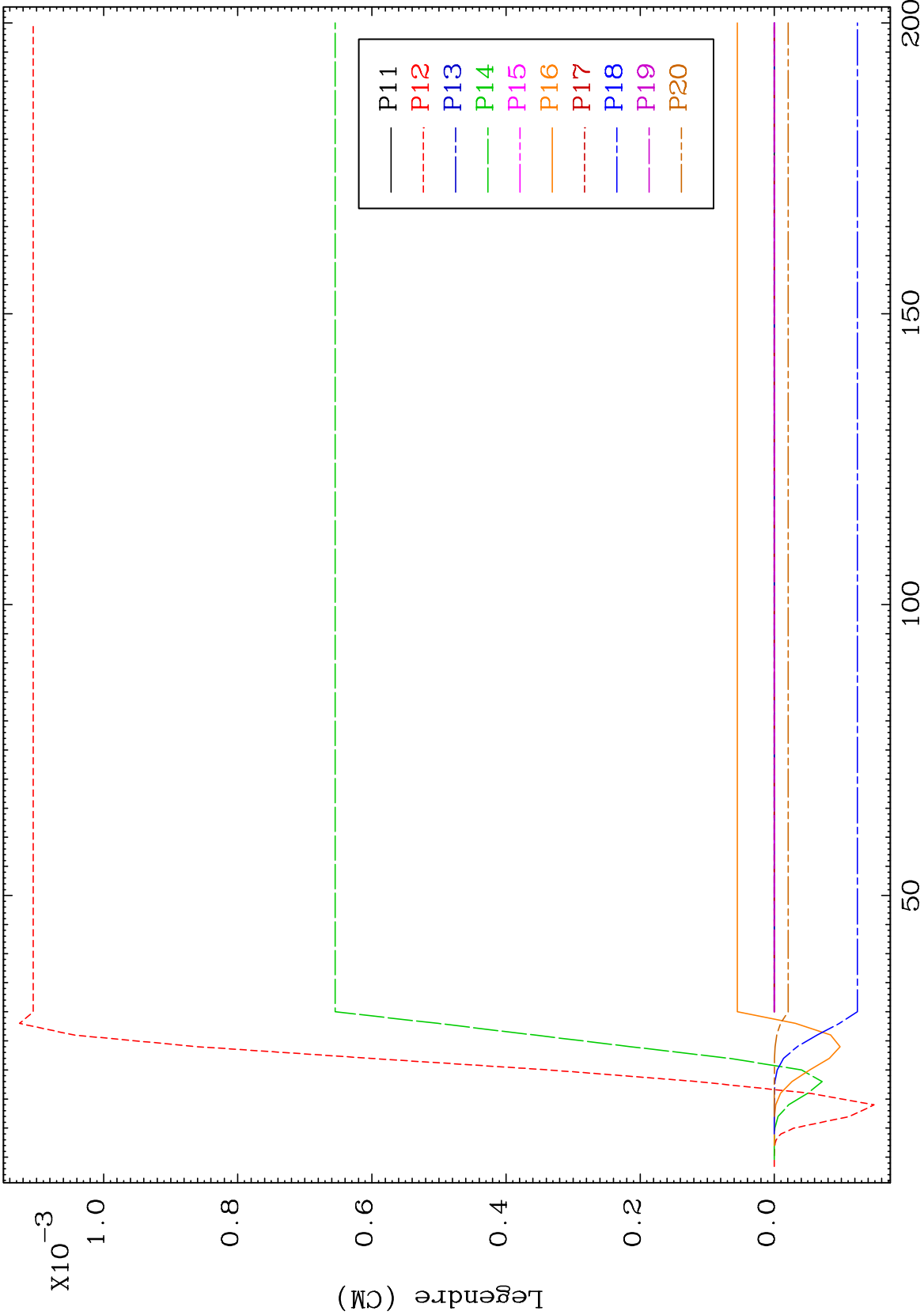
Incident Energy (MeV)

115

MAT 6813

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

68-Er-158



116

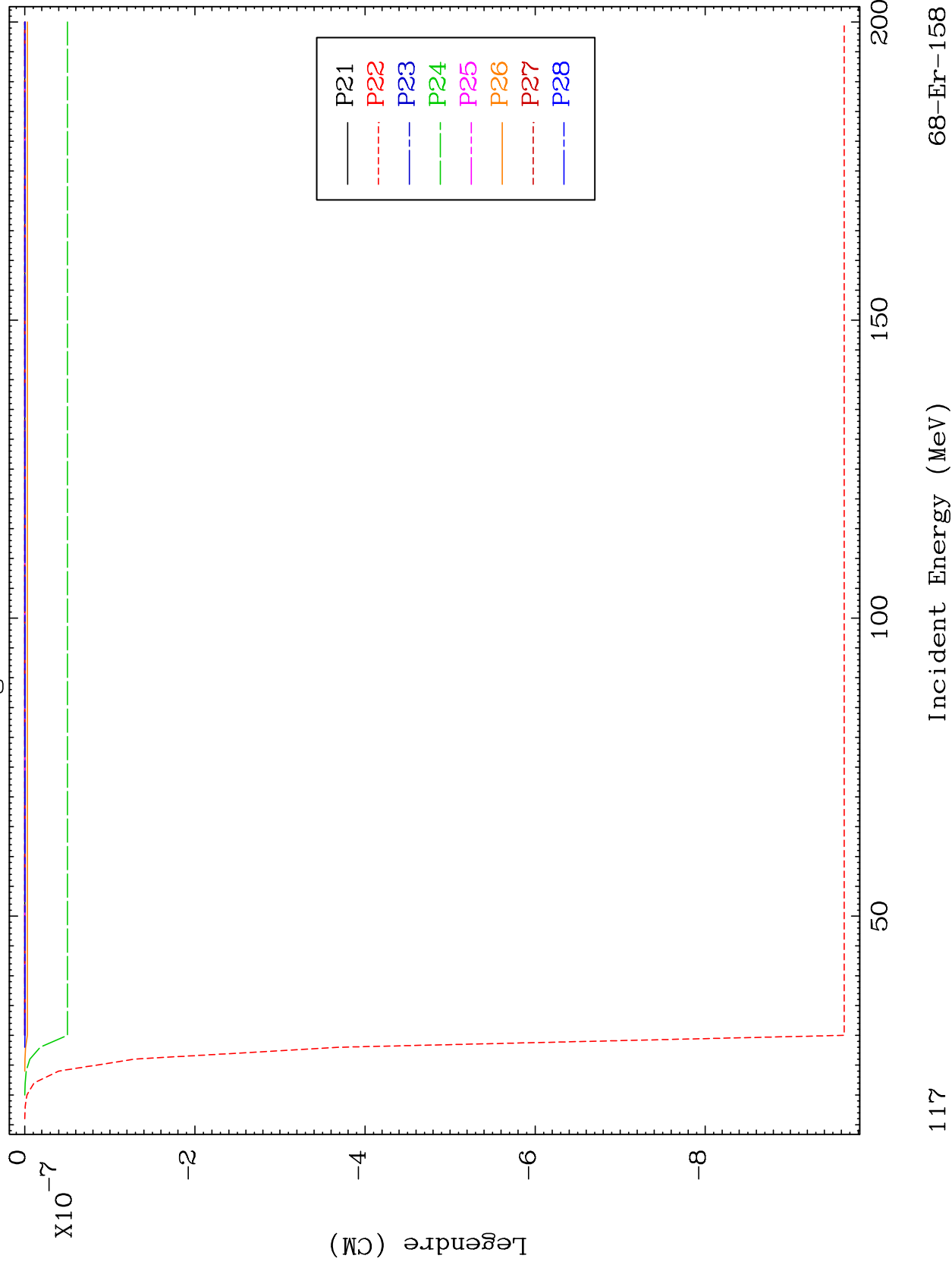
Incident Energy (MeV)

68-Er-158

MAT 6813

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

68-Er-158



117

Incident Energy (MeV)

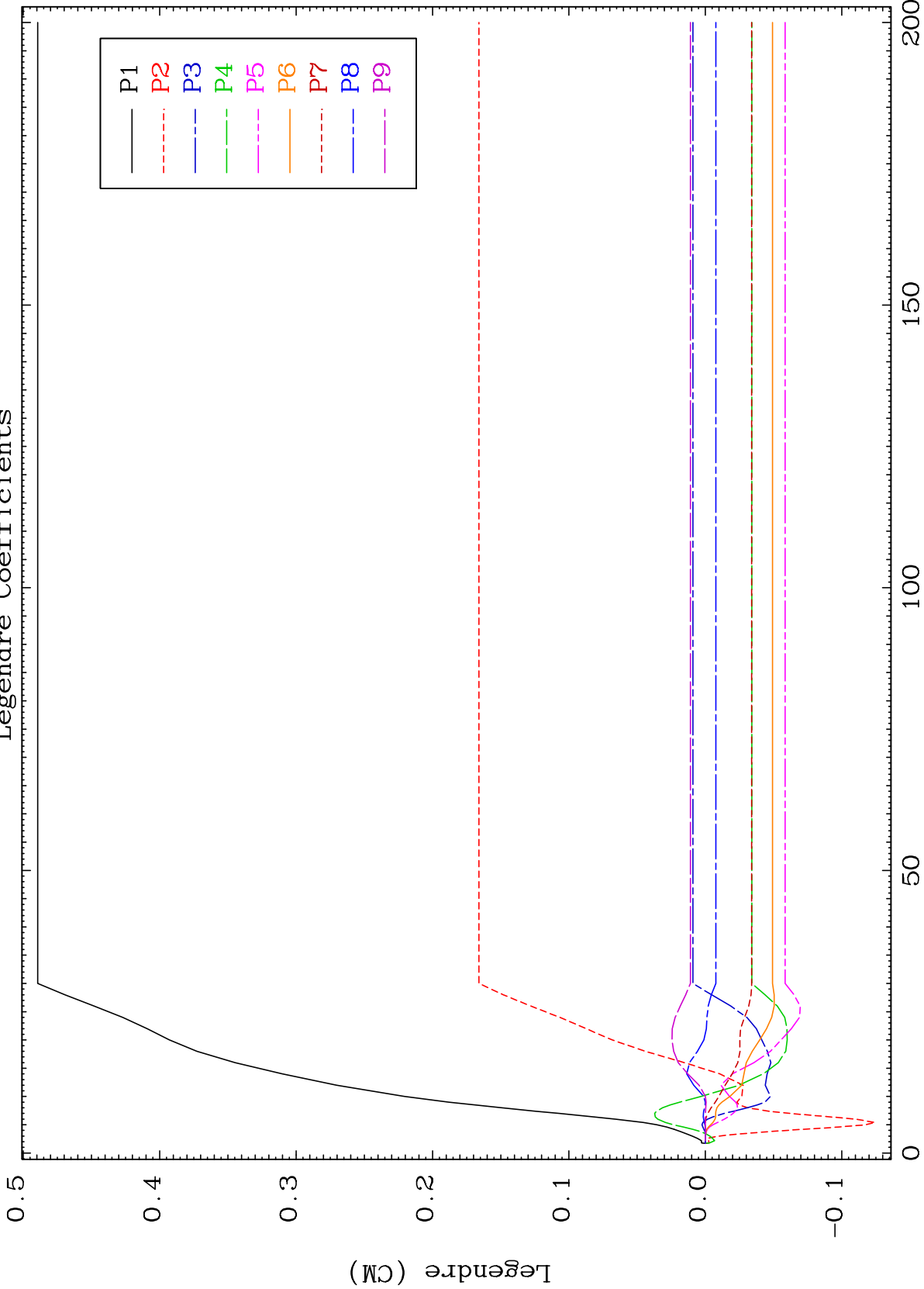
68-Er-158

MAT 6813

MT= 77 (n,n') Level

68-Er-158

Legendre Coefficients



68-Er-158

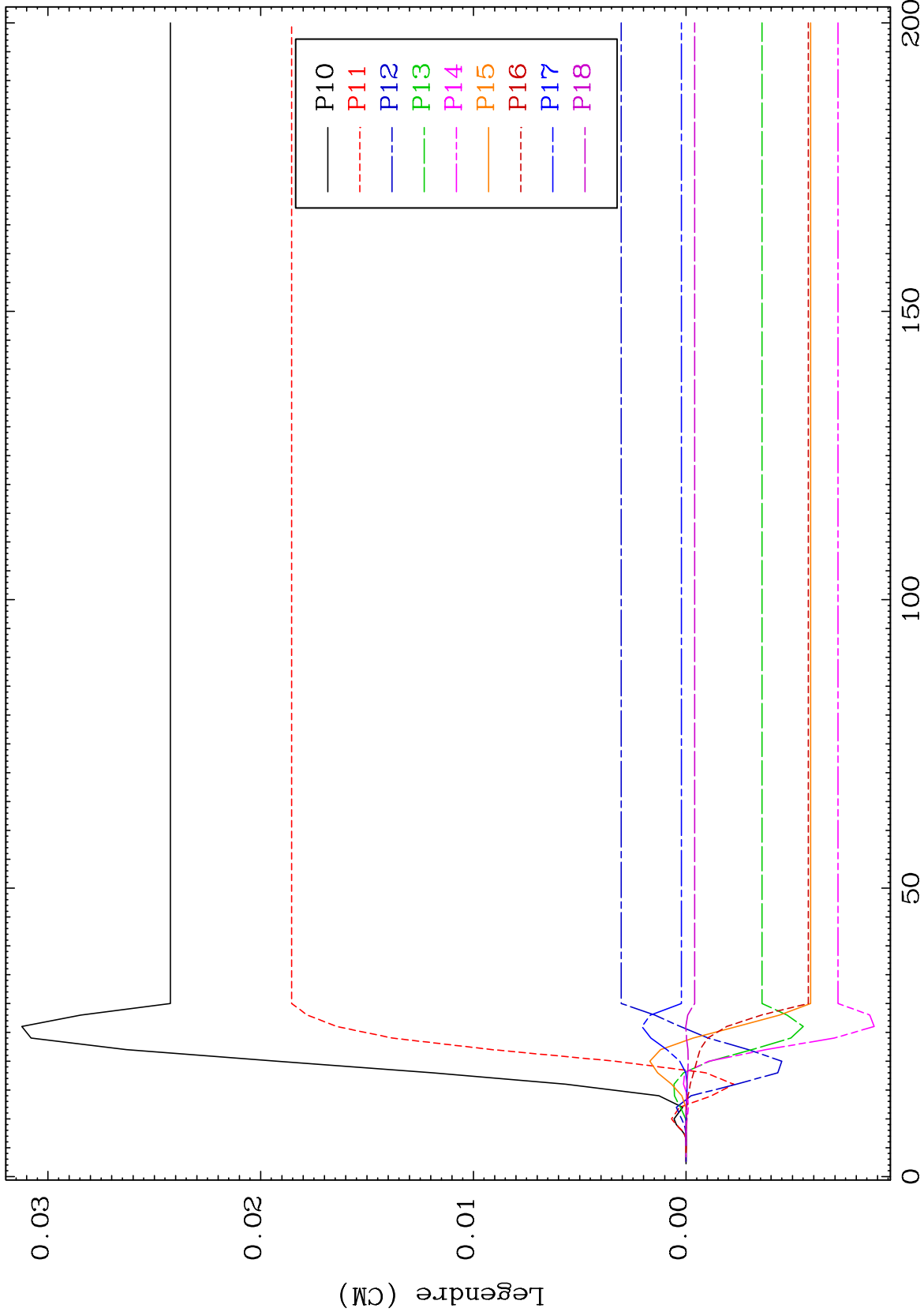
Incident Energy (MeV)

118

MAT 6813

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

68-Er-158



119

Incident Energy (MeV)

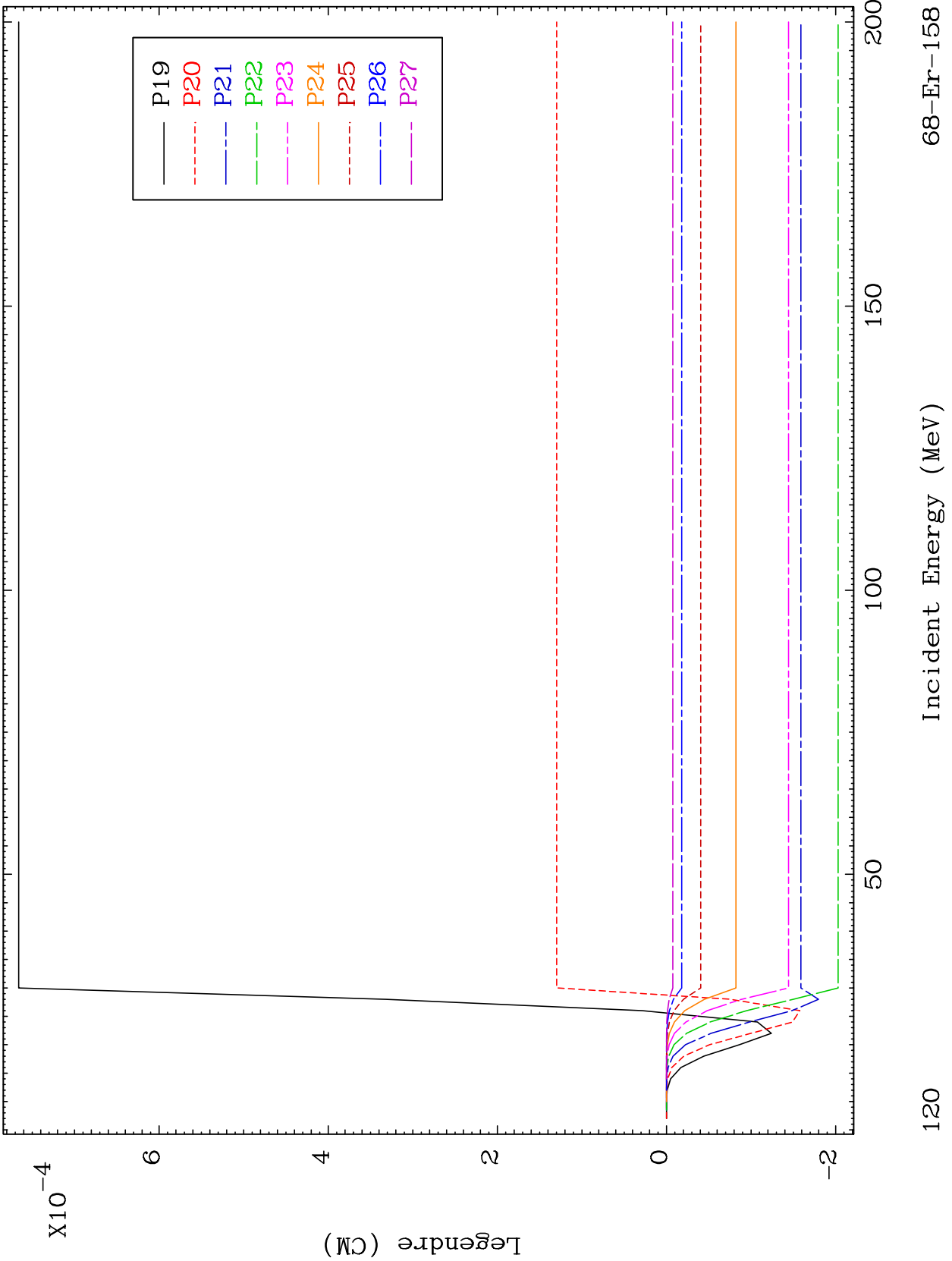
68-Er-158



MAT 6813

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

68-Er-158

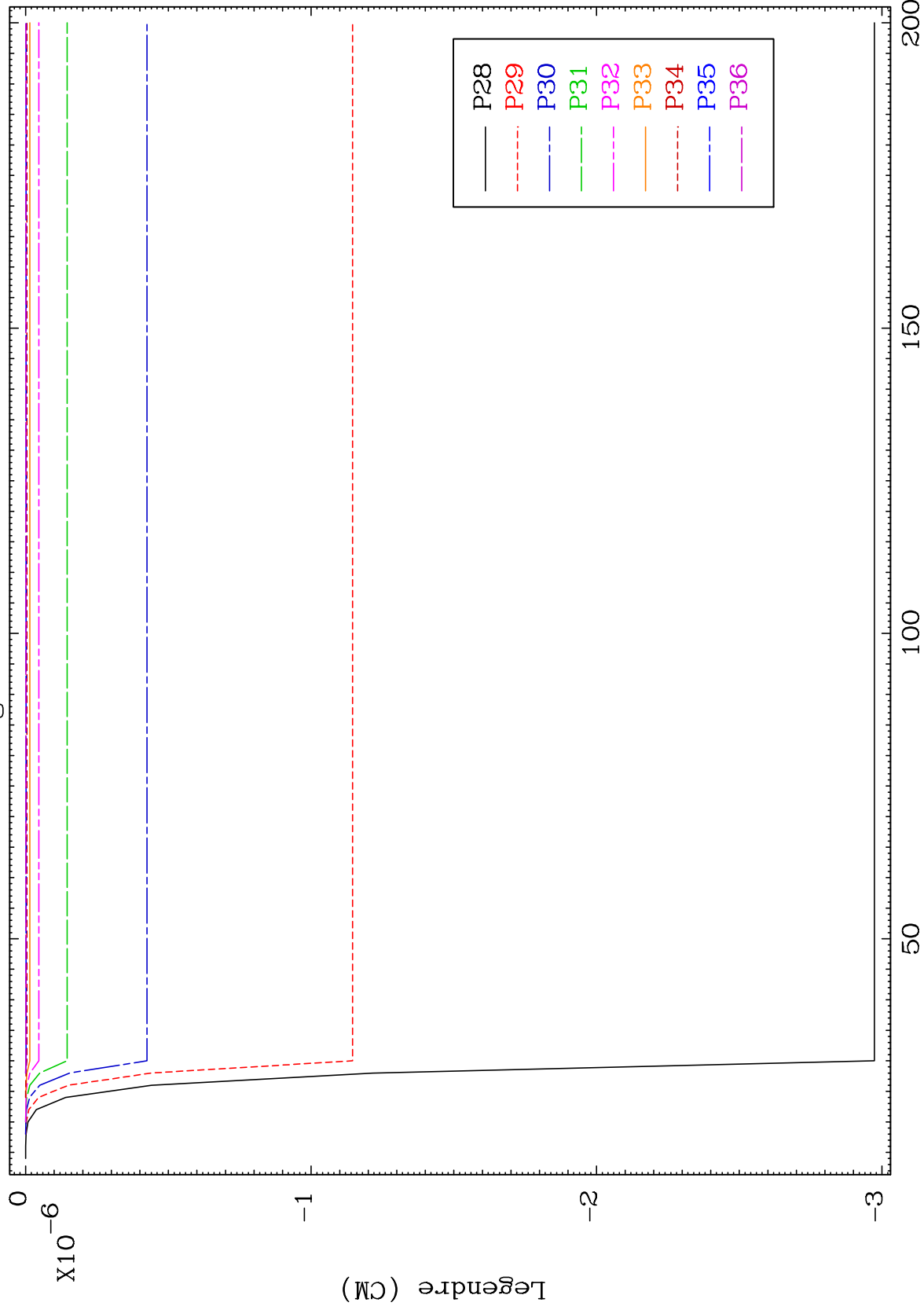


MAT 6813

MT= 77 (n,n') Level

68-Er-158

Legendre Coefficients



68-Er-158

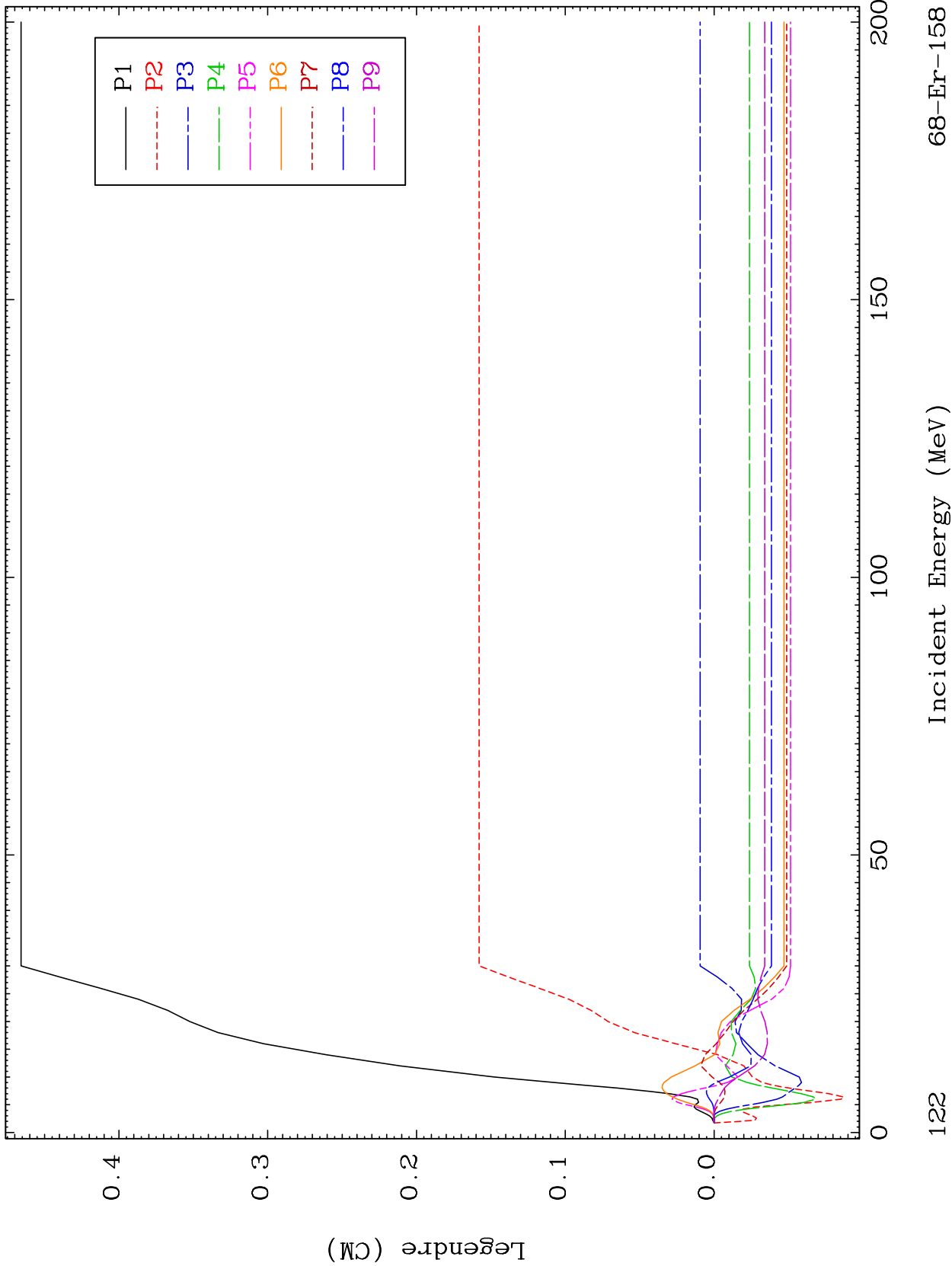
Incident Energy (MeV)

121

MAT 6813

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

68-Er-158

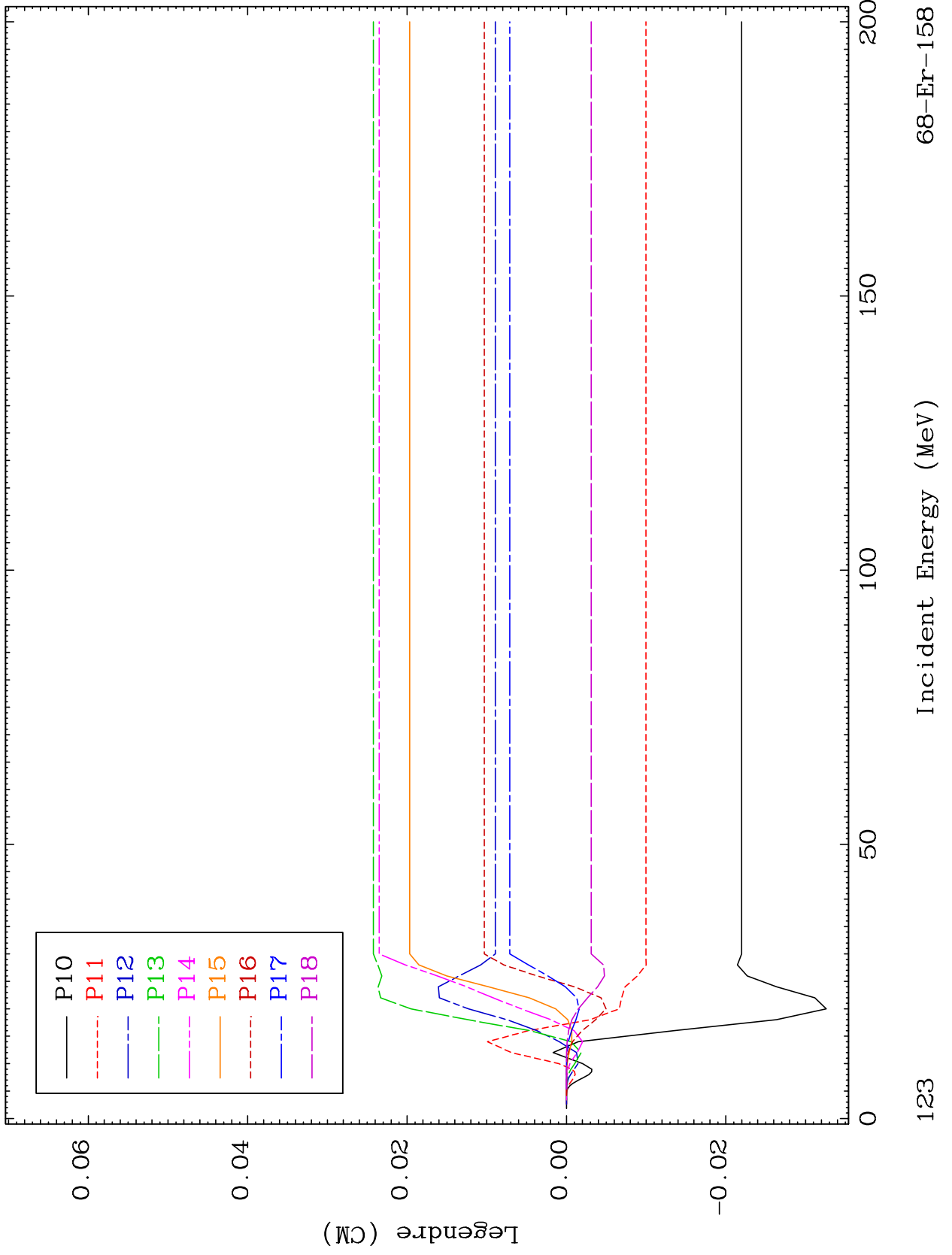


122

MAT 6813

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

68-Er-158



123

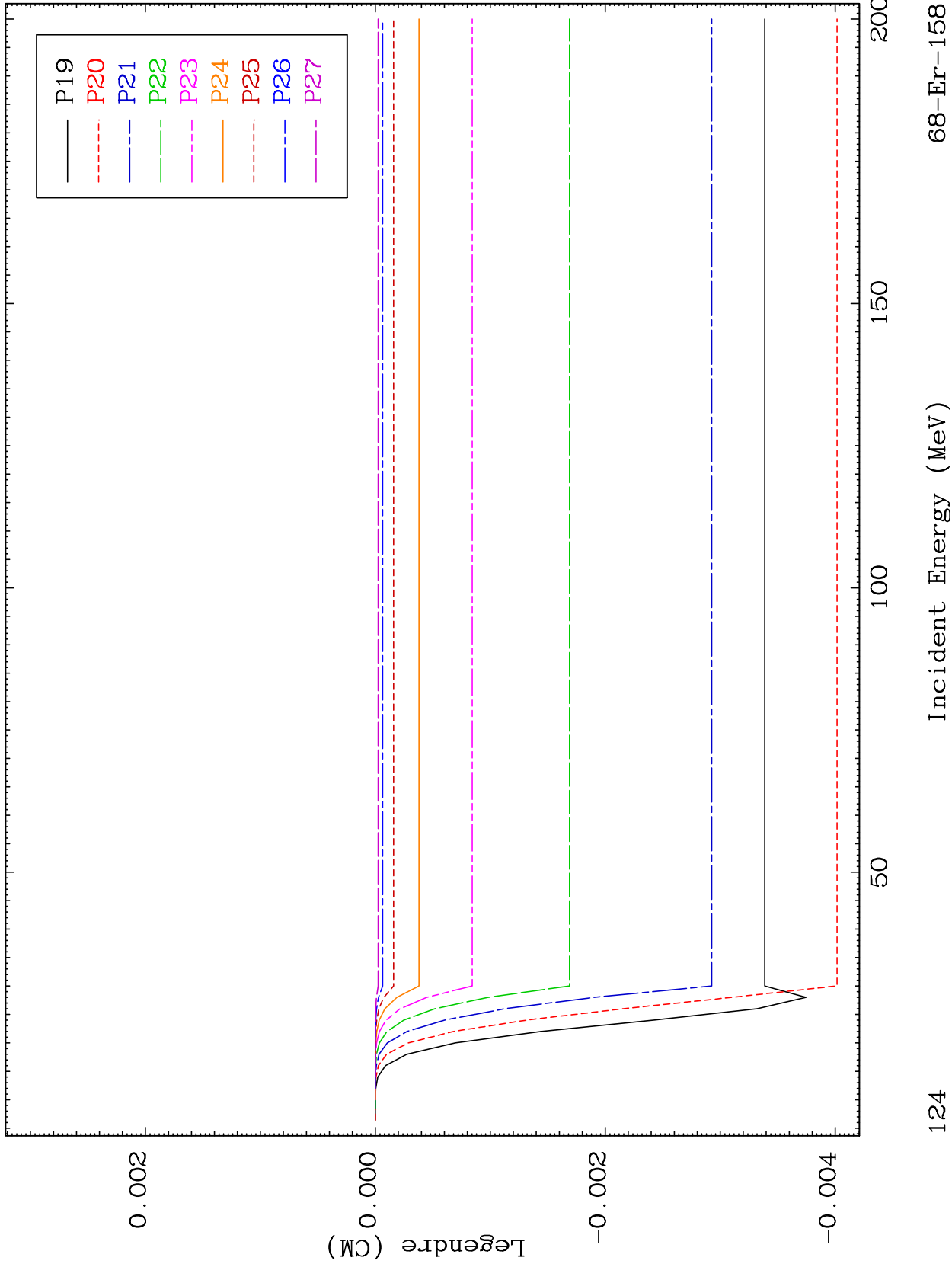
Incident Energy (MeV)

68-Er-158

MAT 6813

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

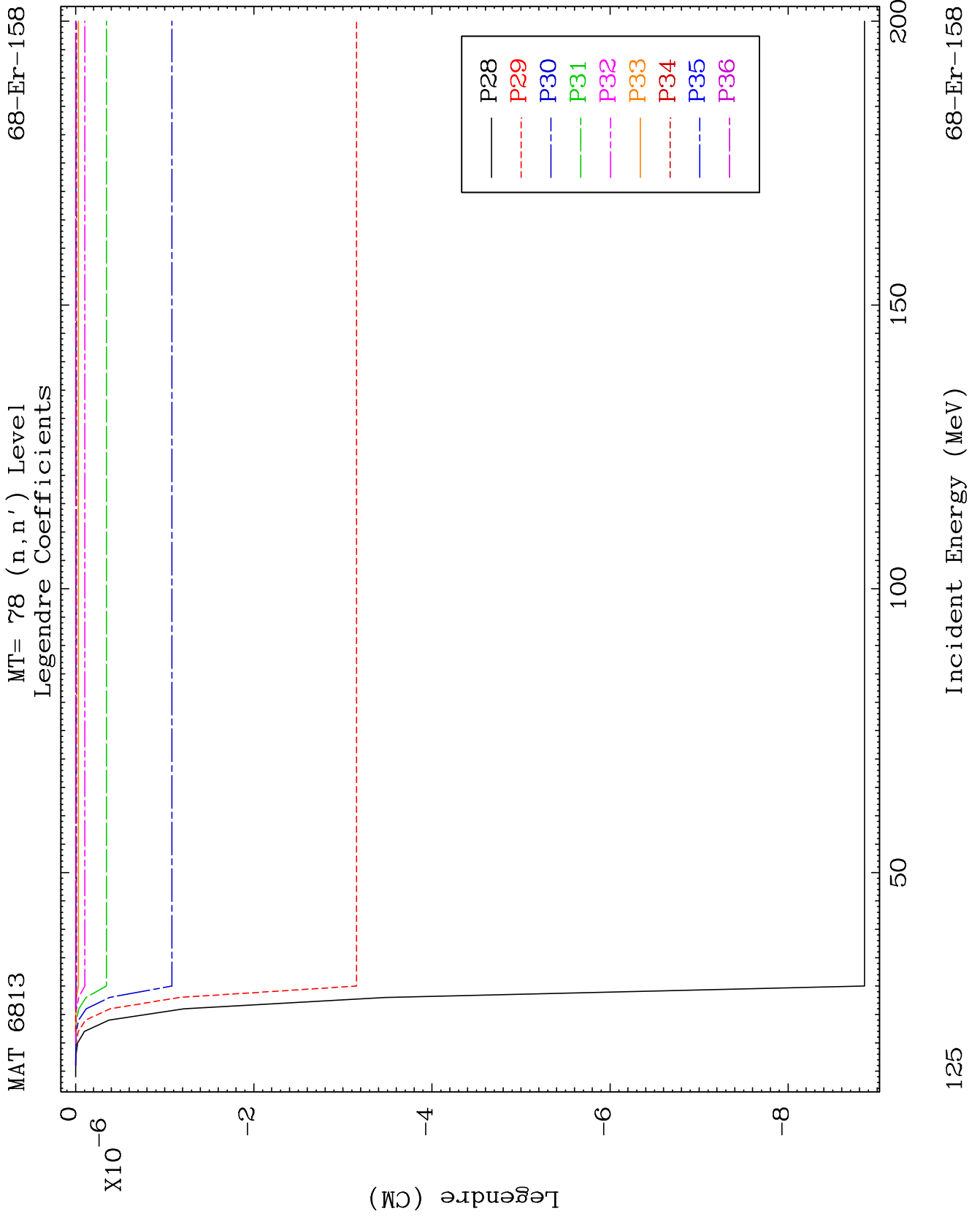
68-Er-158



124

Incident Energy (MeV)

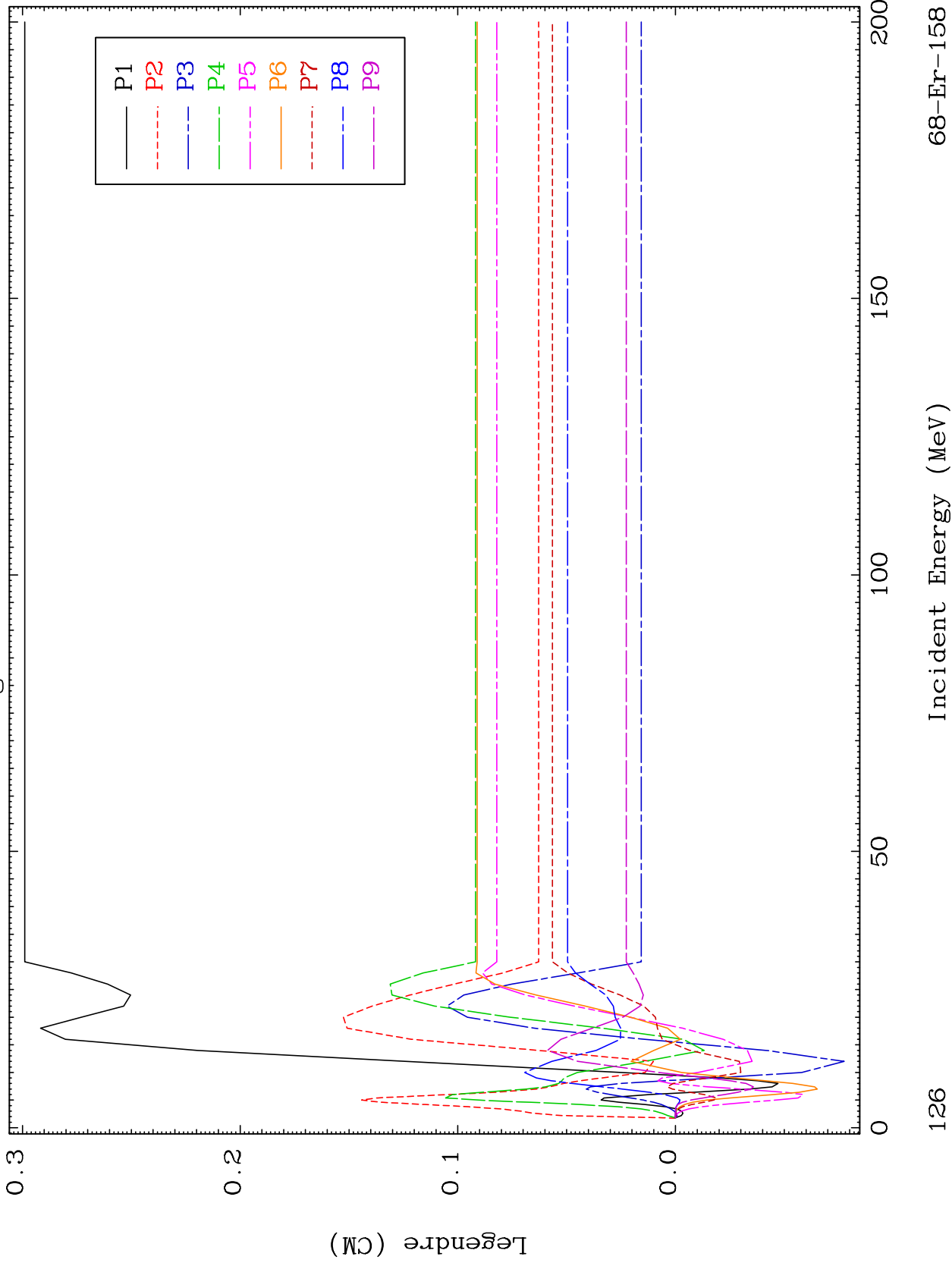
68-Er-158



MAT 6813

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

68-Er-158



68-Er-158

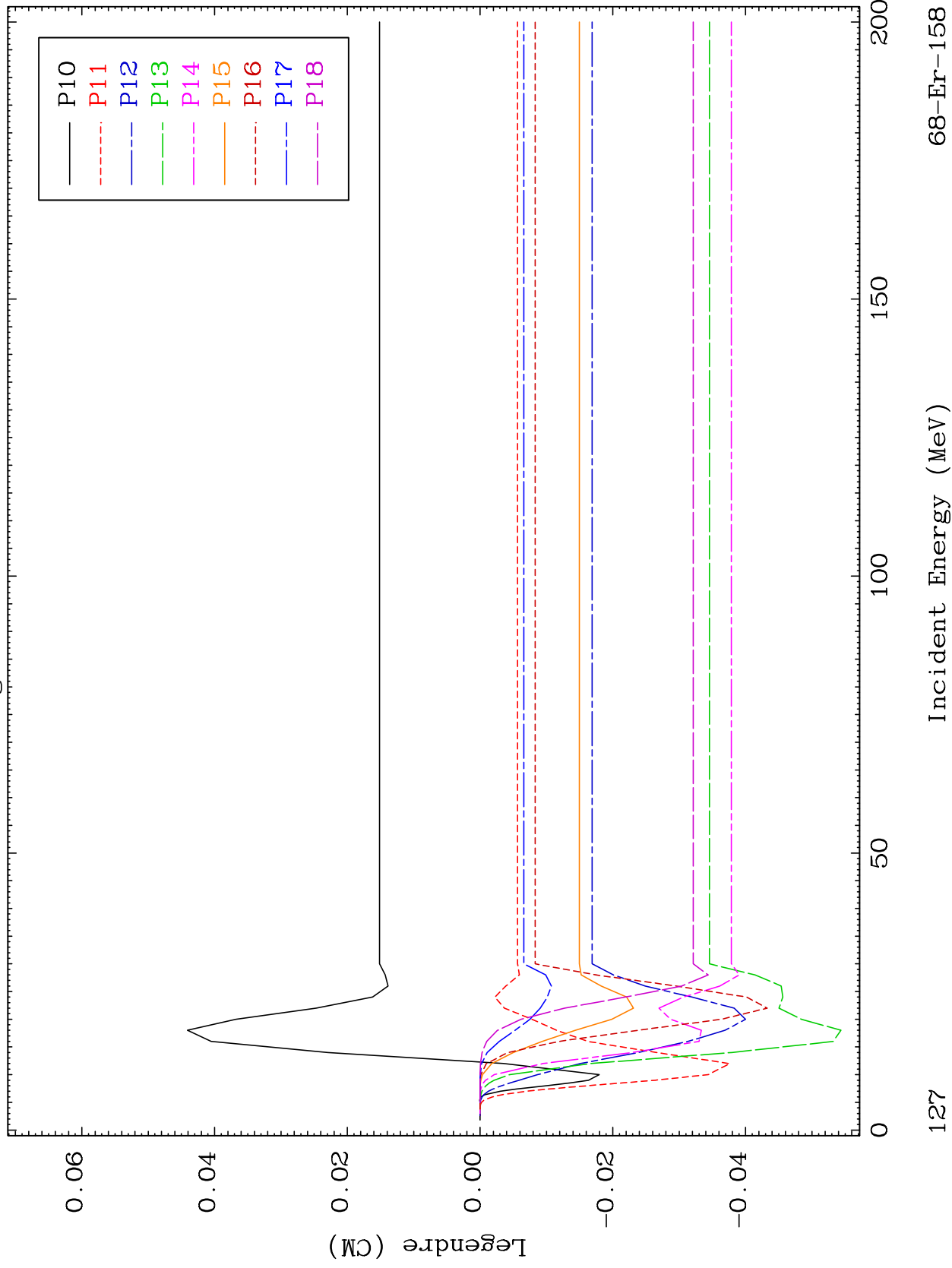
Incident Energy (MeV)

126

MAT 6813

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

68-Er-158



68-Er-158

Incident Energy (MeV)

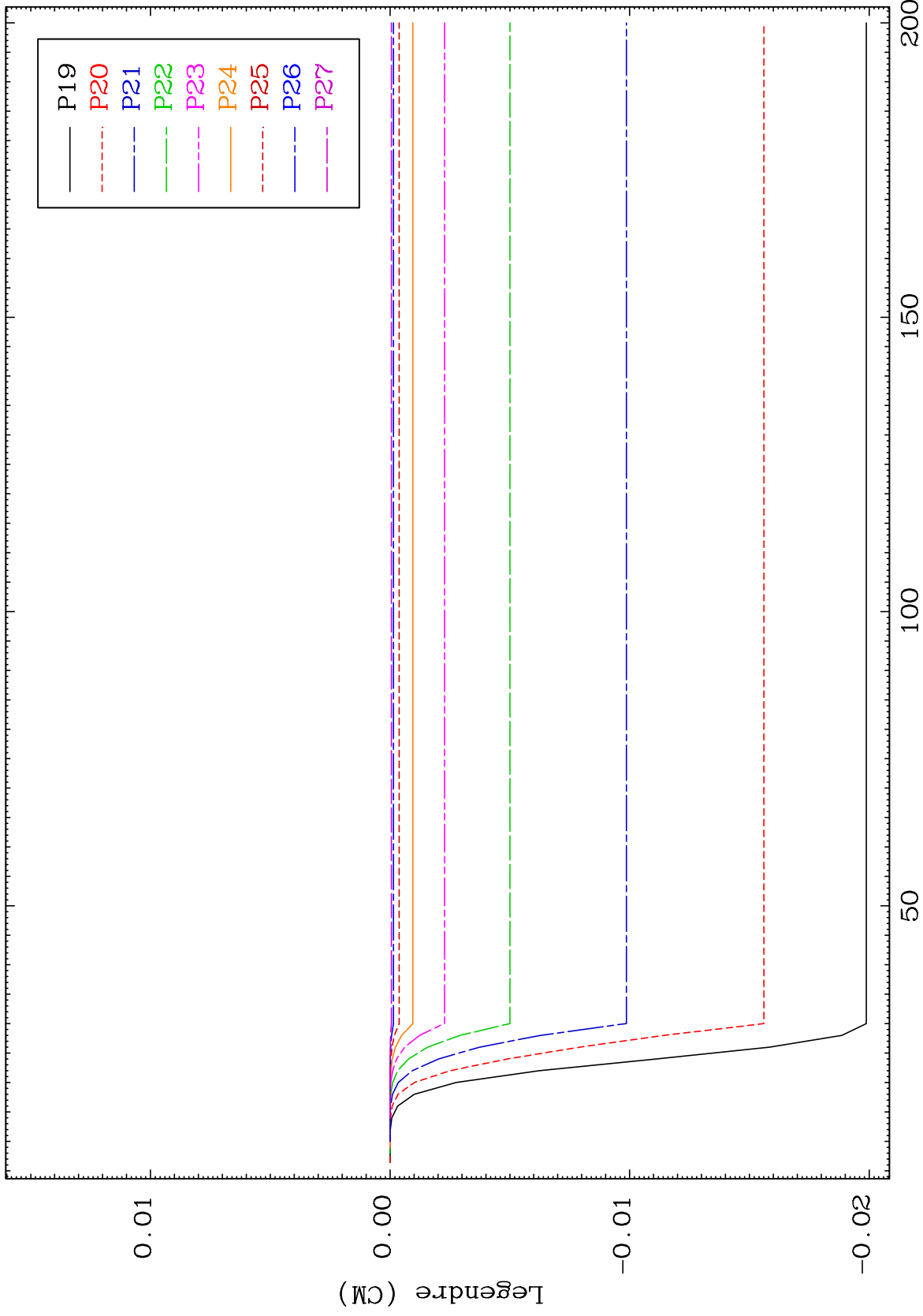
127



MAT 6813

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

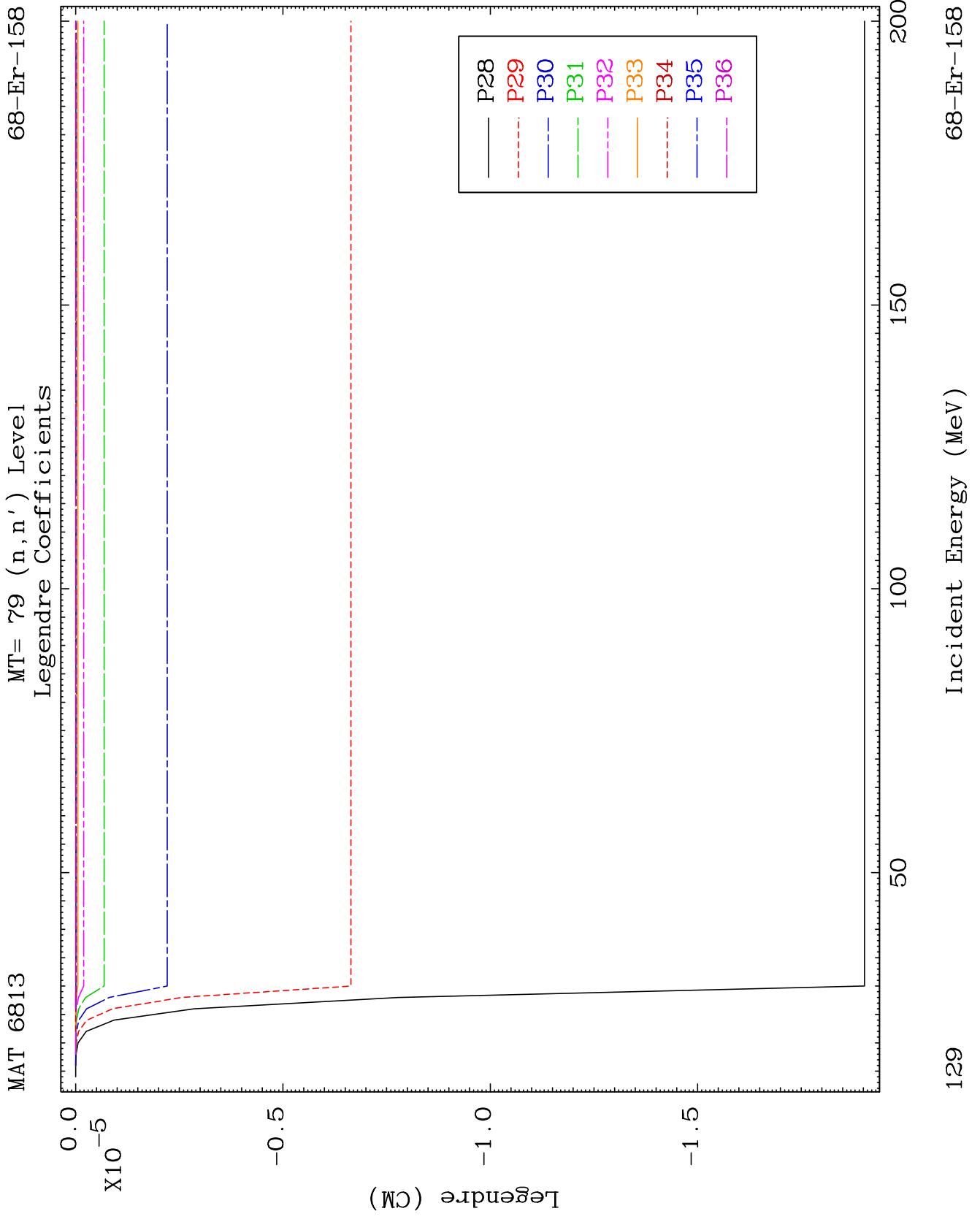
68-Er-158

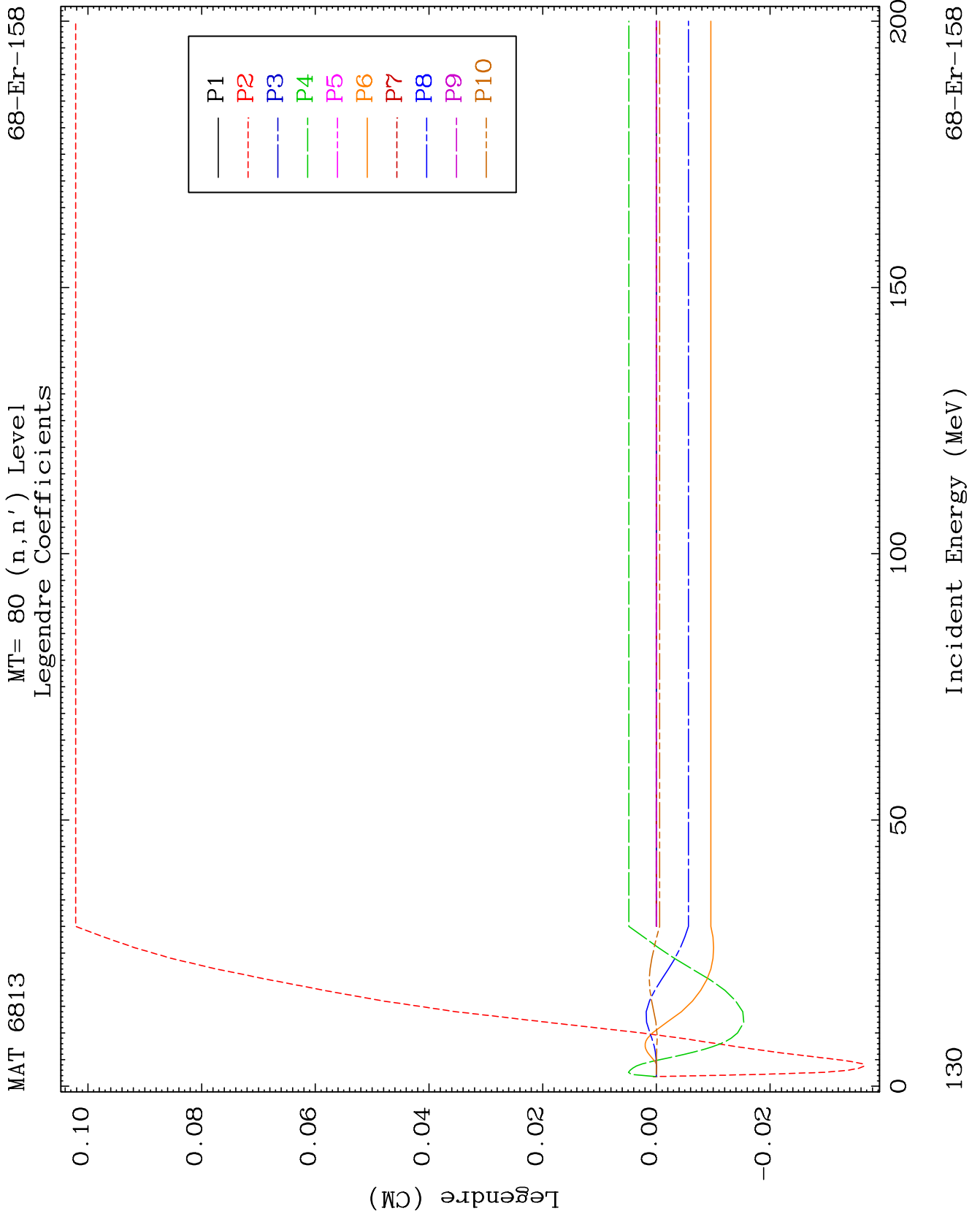


128

Incident Energy (MeV)

68-Er-158

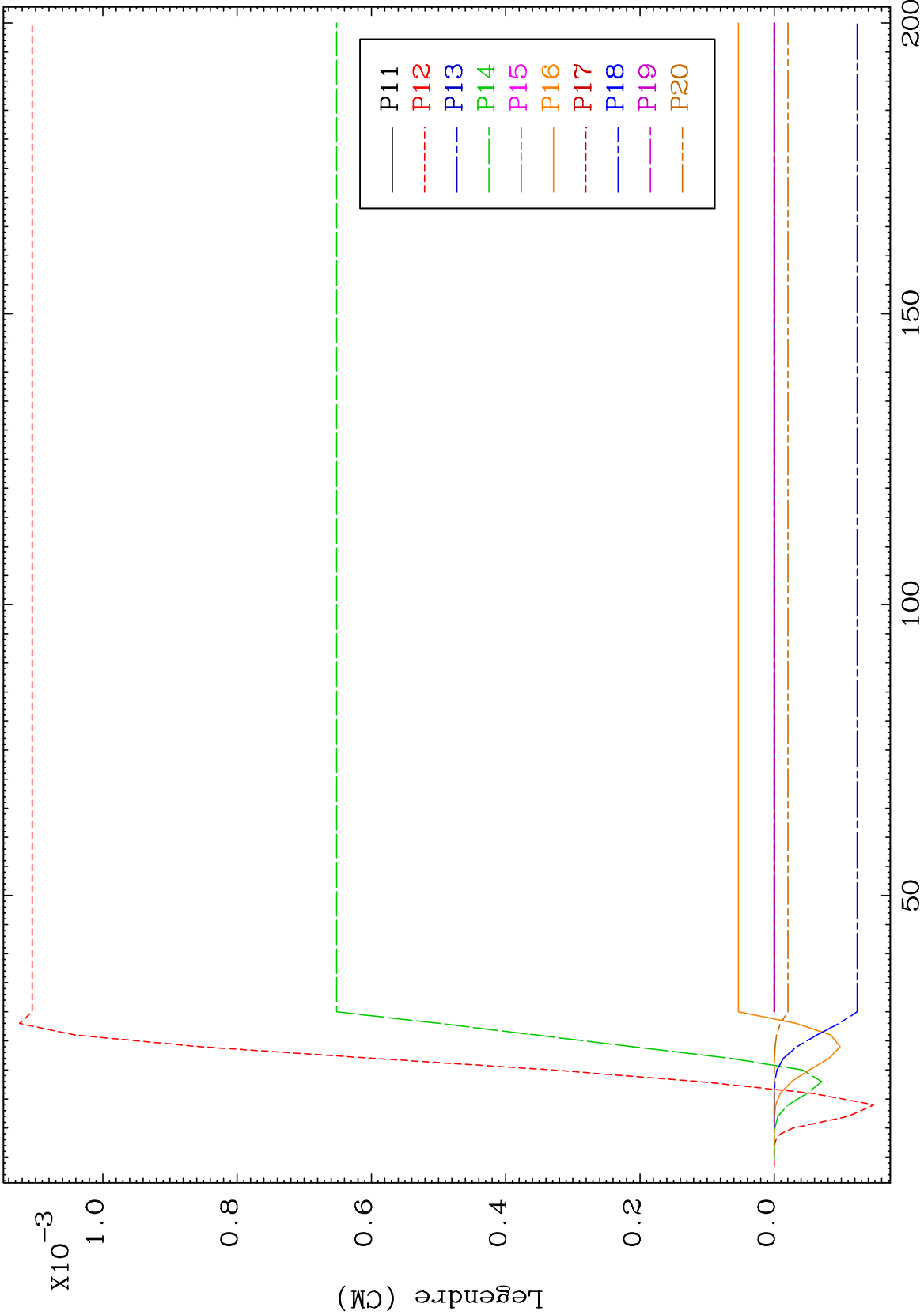




MAT 6813

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

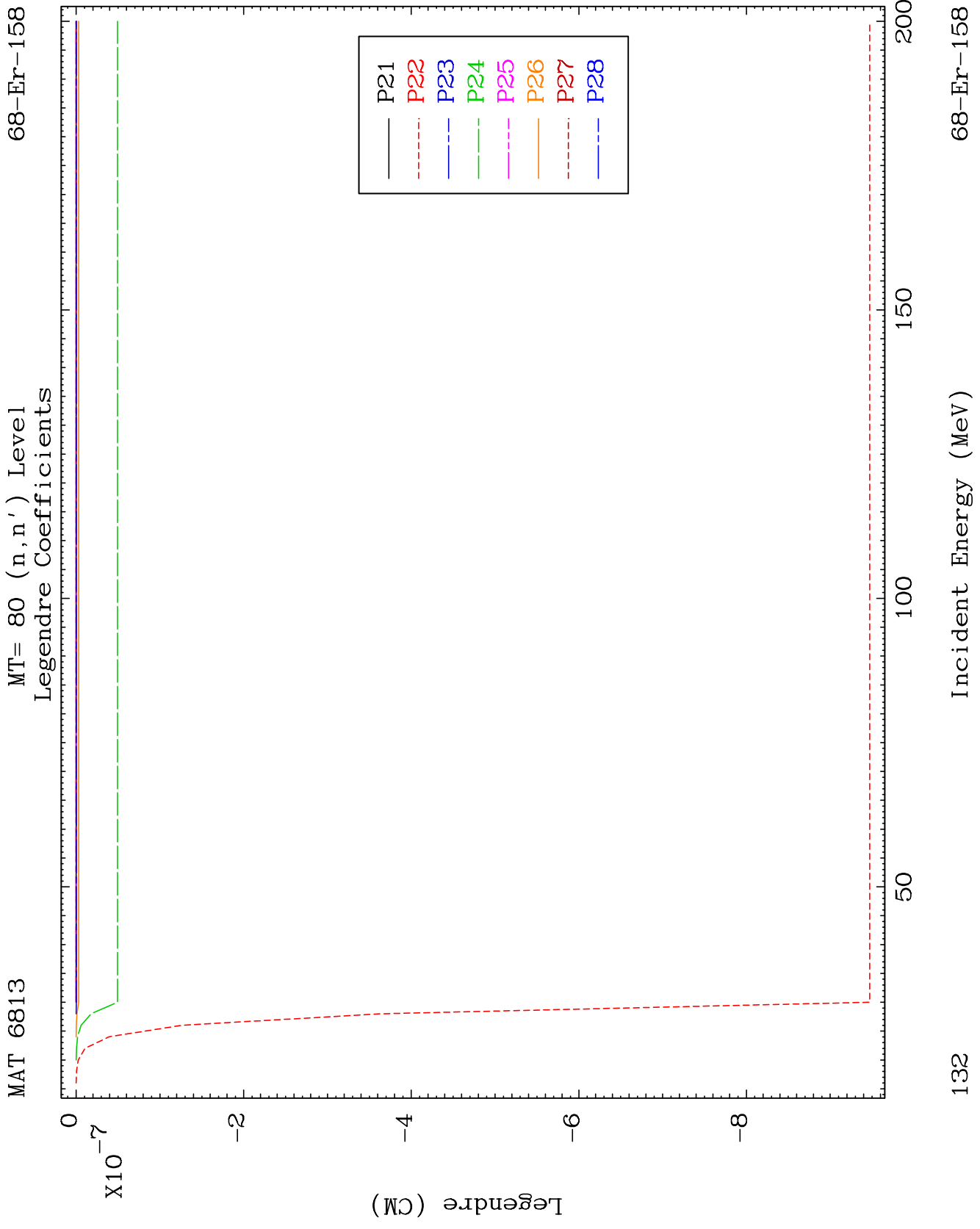
68-Er-158



131

Incident Energy (MeV)

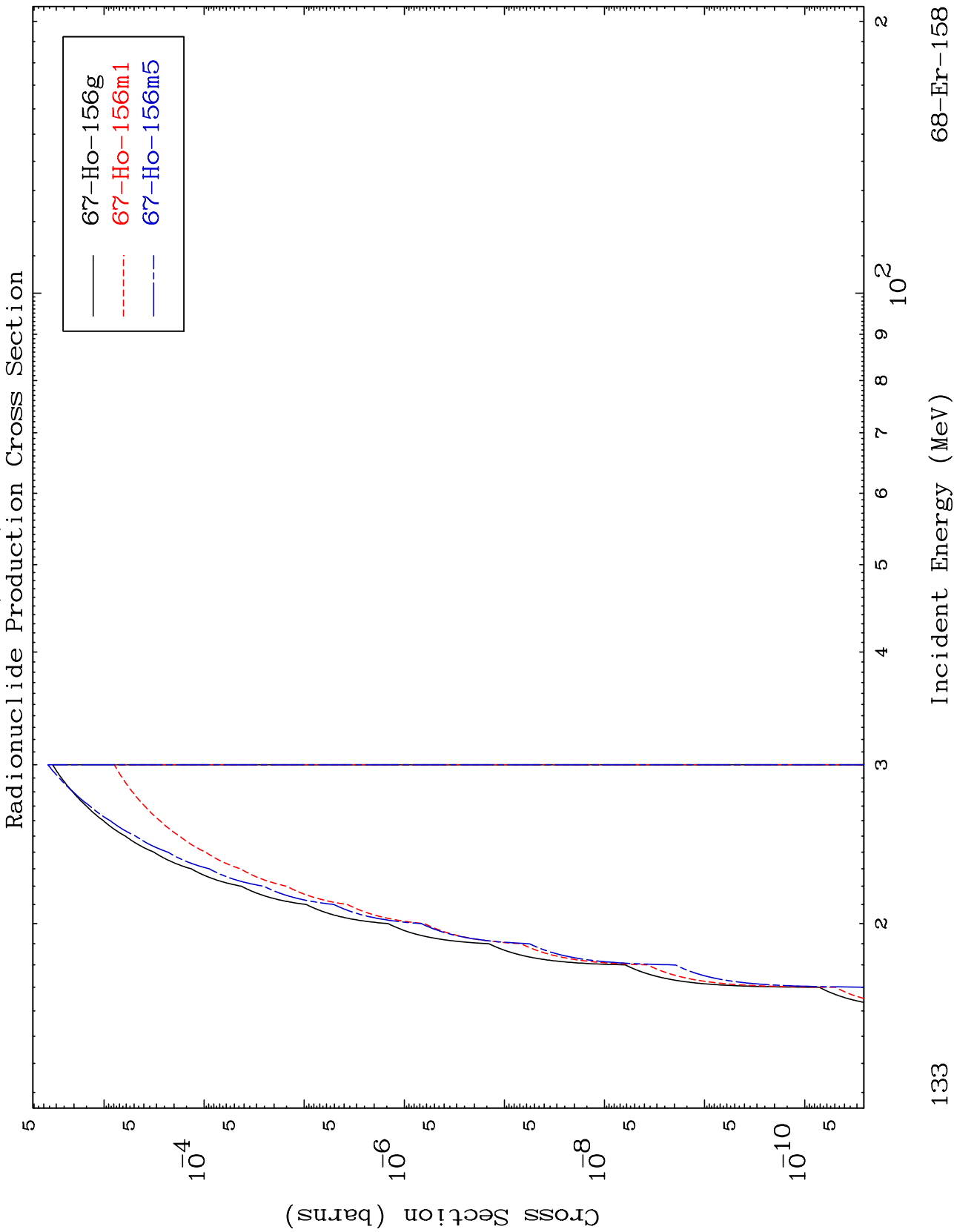
68-Er-158



MAT 6813

(n,n') d

68-Er-158



133

Incident Energy (MeV)

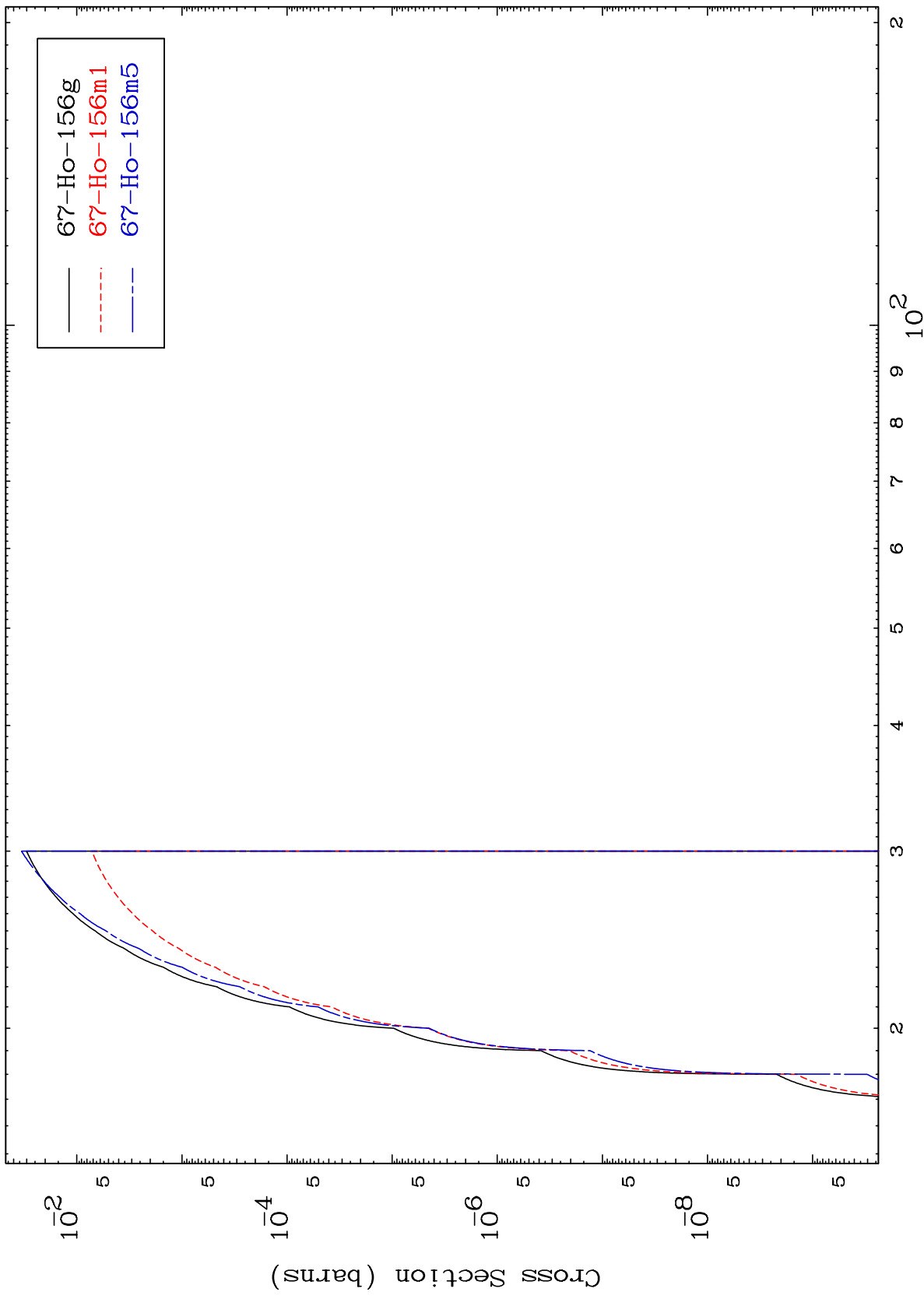
68-Er-158

MAT 6813

(n,2n) p

68-Er-158

Radionuclide Production Cross Section



134

Incident Energy (MeV)

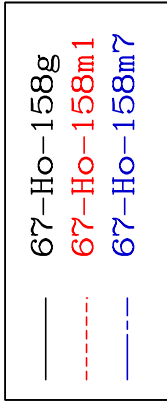
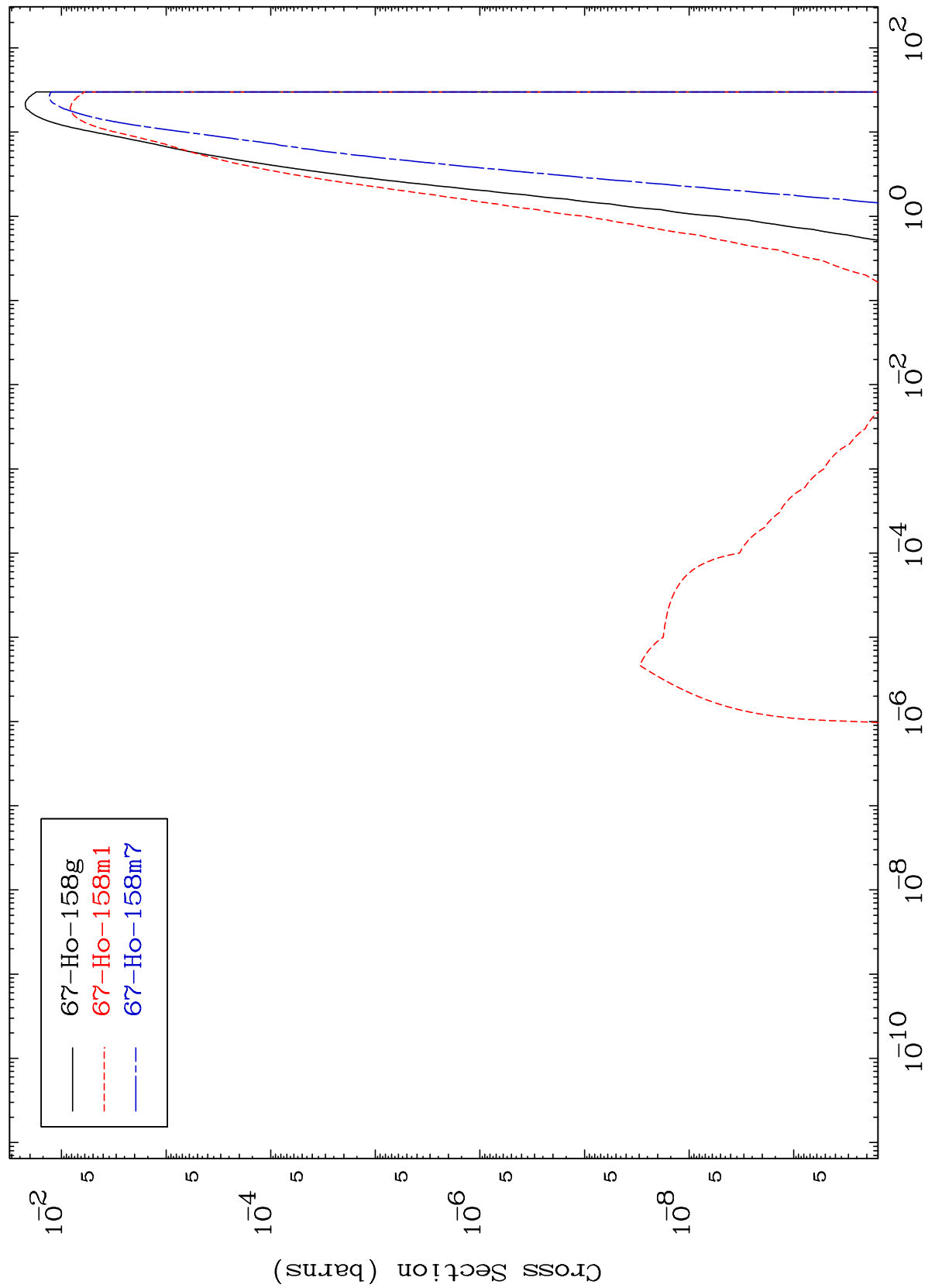
68-Er-158

MAT 6813

(n,p)

<sup>68</sup>Er-158

Radionuclide Production Cross Section



135

Incident Energy (MeV)

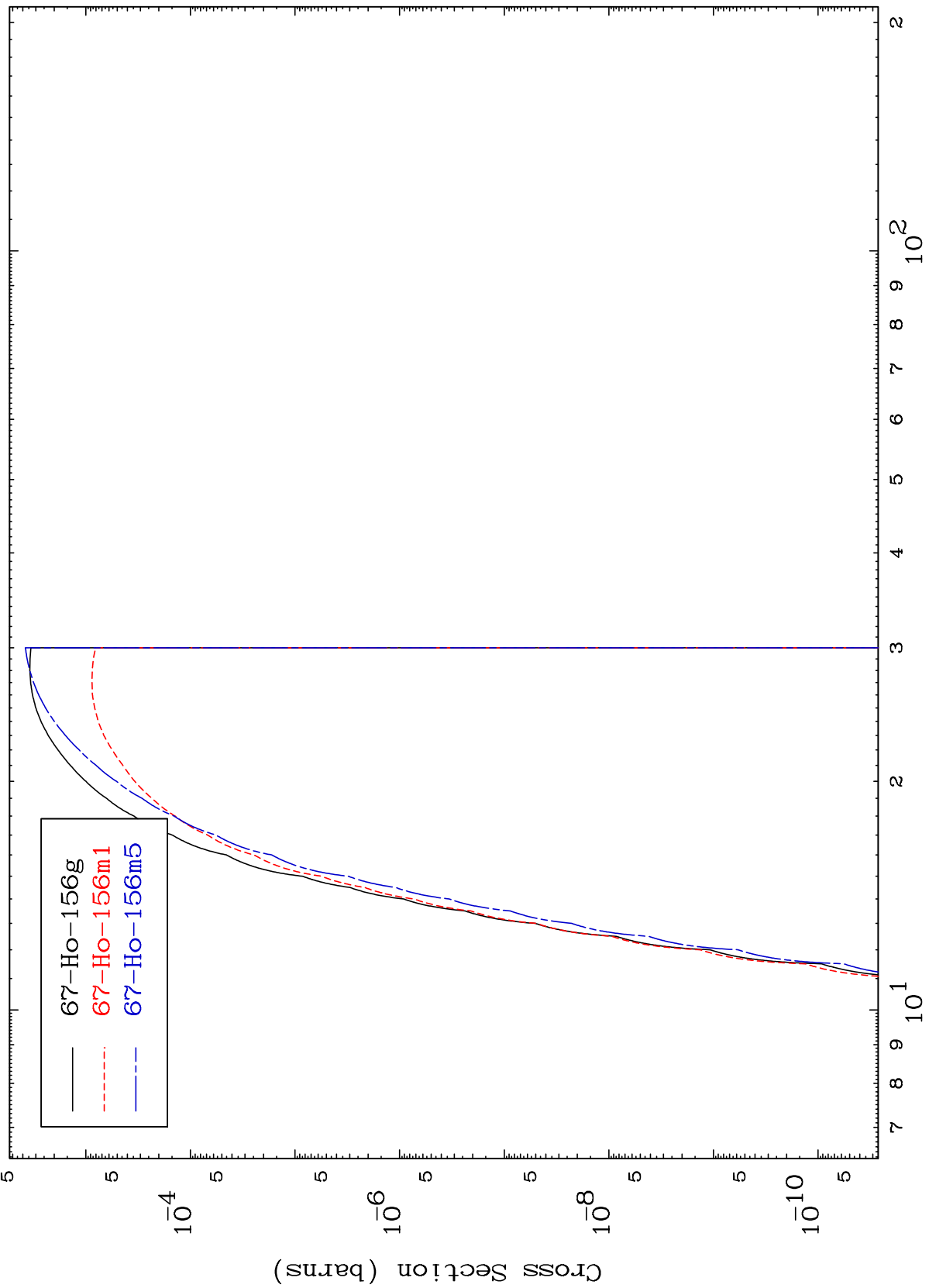
<sup>68</sup>Er-158



MAT 6813

68-Er-158

(n,t)  
Radionuclide Production Cross Section



136

Incident Energy (MeV)

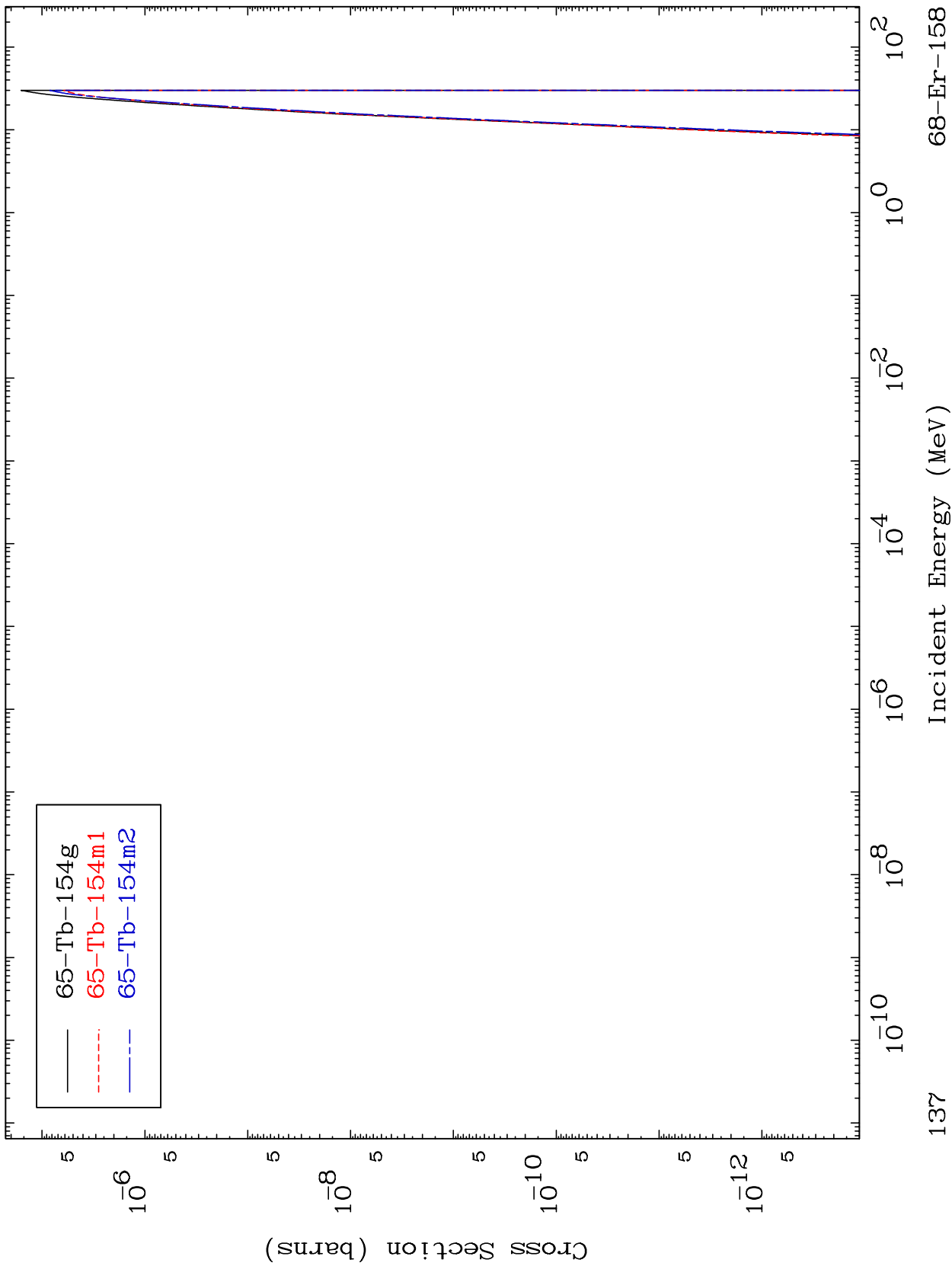
68-Er-158

MAT 6813

(n,p)  $\alpha$

68-Er-158

Radionuclide Production Cross Section



137

Incident Energy (MeV)

68-Er-158