

Program EVALPLOT
(Version 2018-1)

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

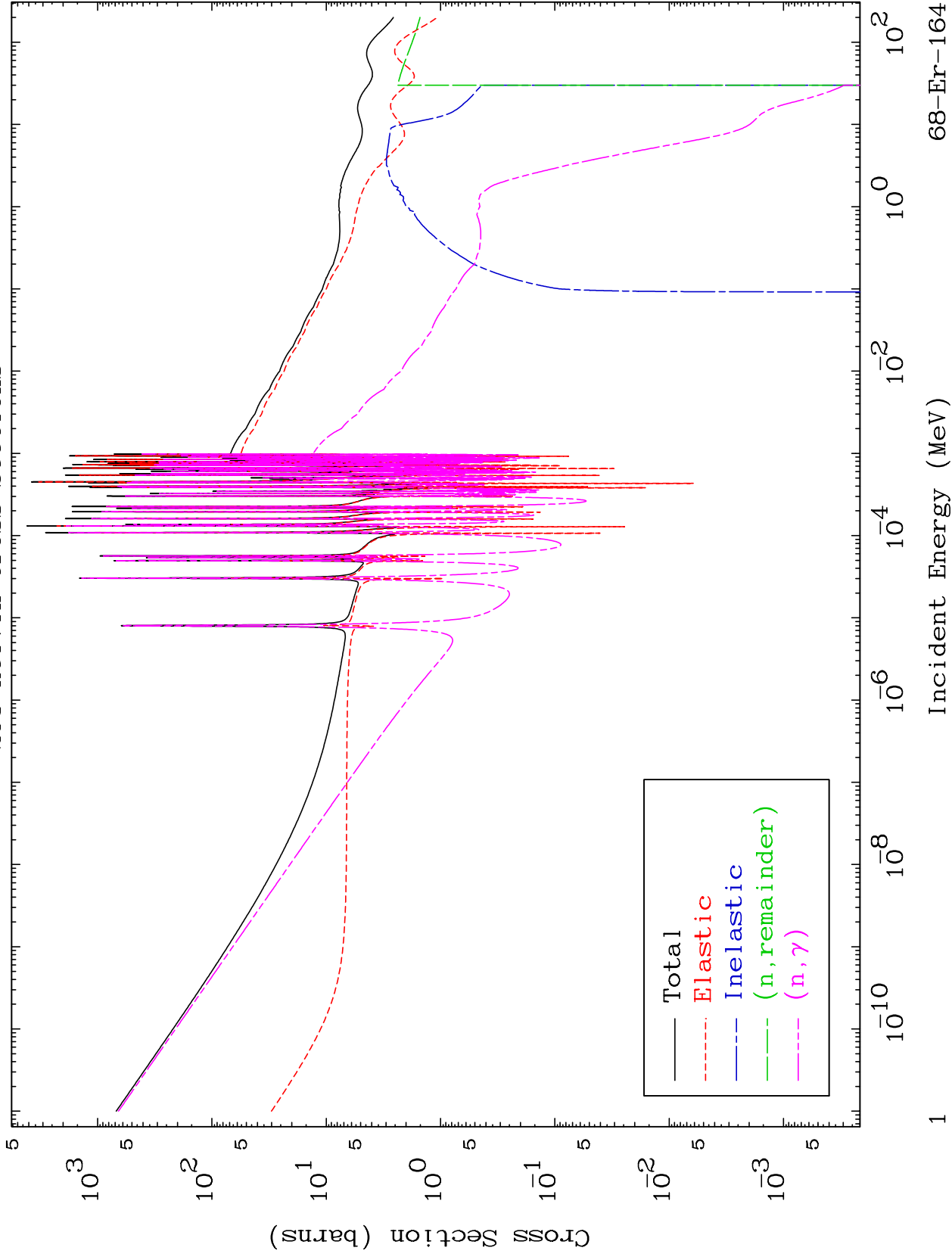
Press Mouse Button to Start

MAT 6831

Major

293 Kelvin Cross Sections

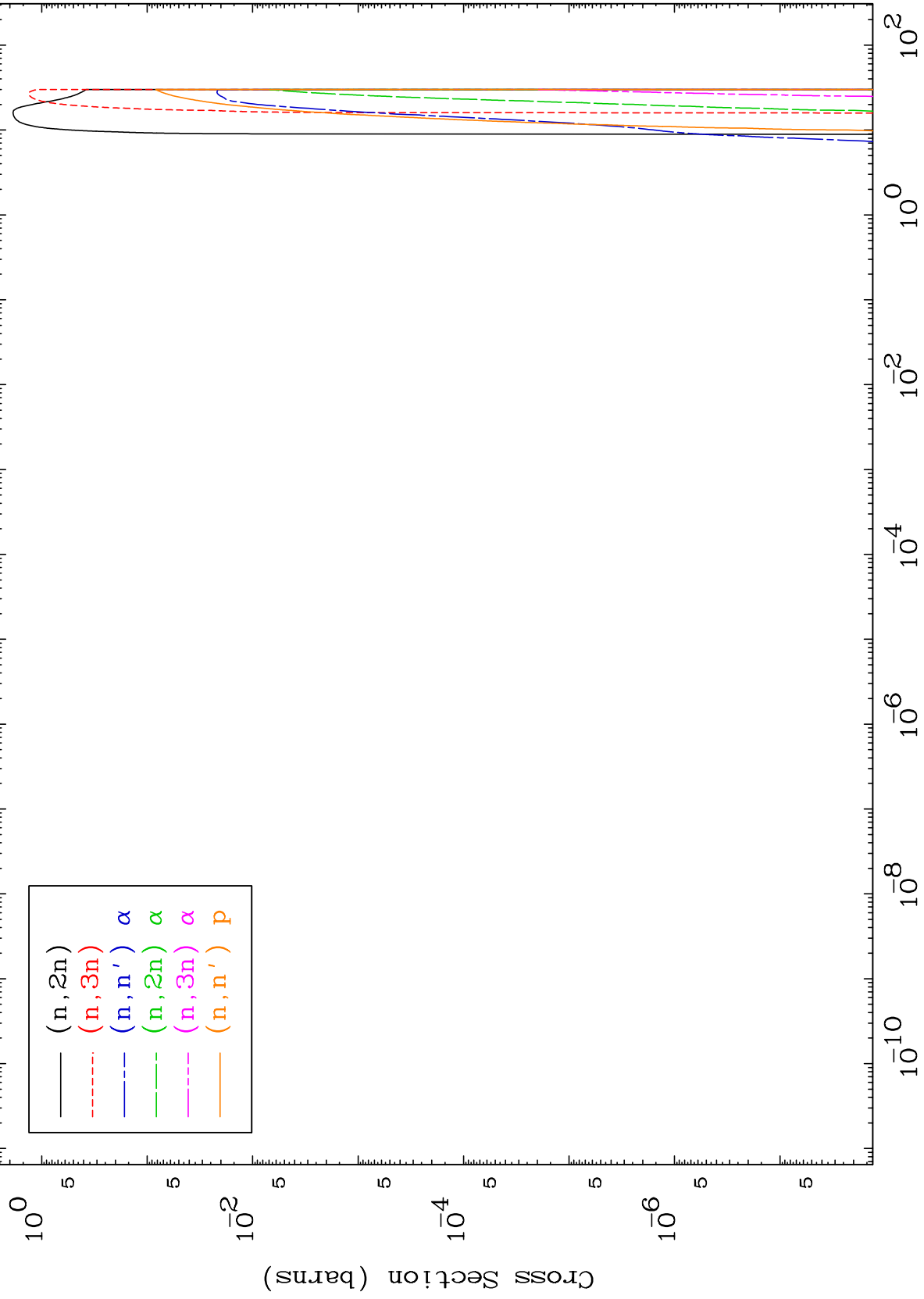
68-Er-164



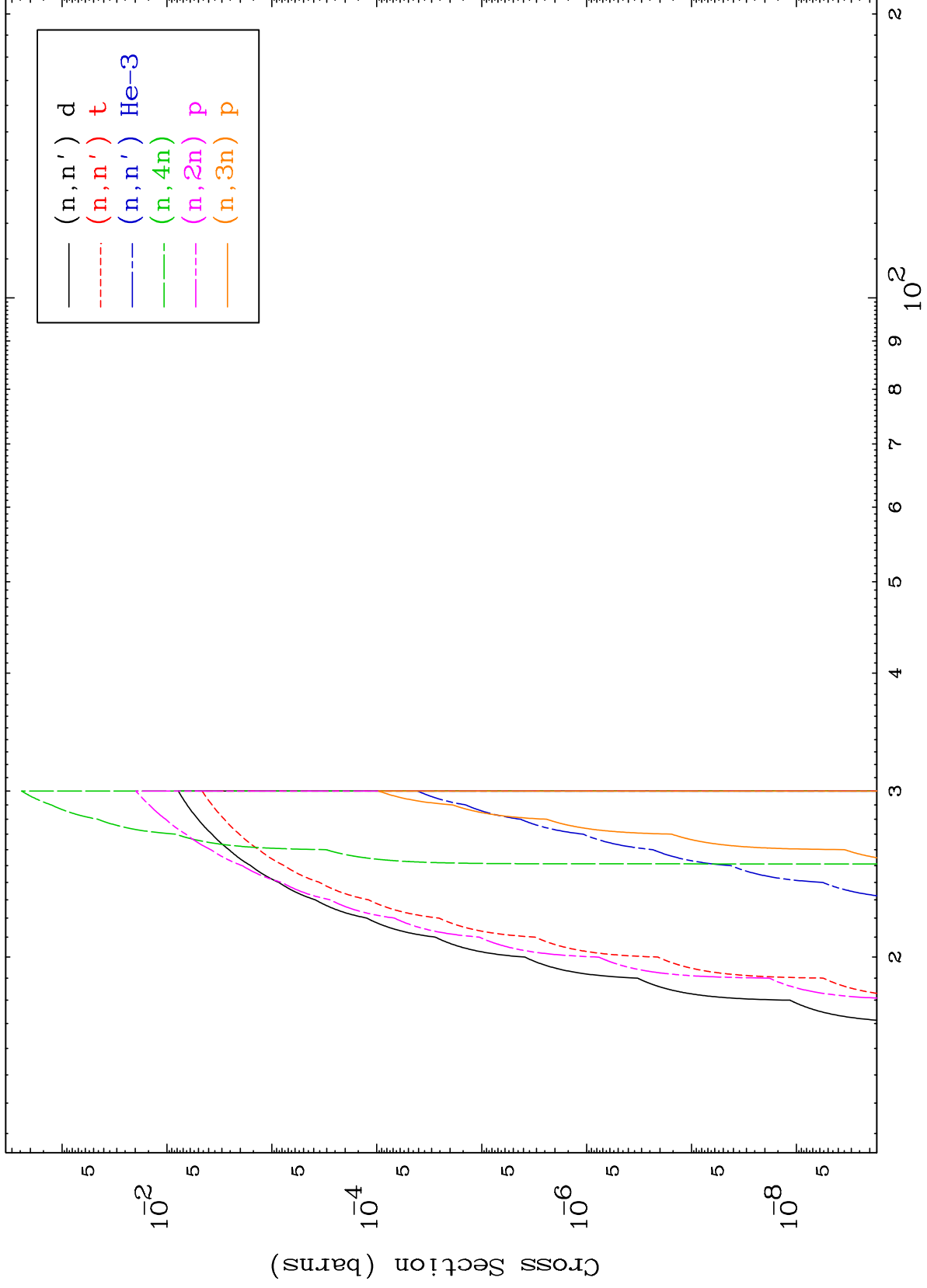
MAT 6831

Neutron Production
293 Kelvin Cross Sections

68-Er-164



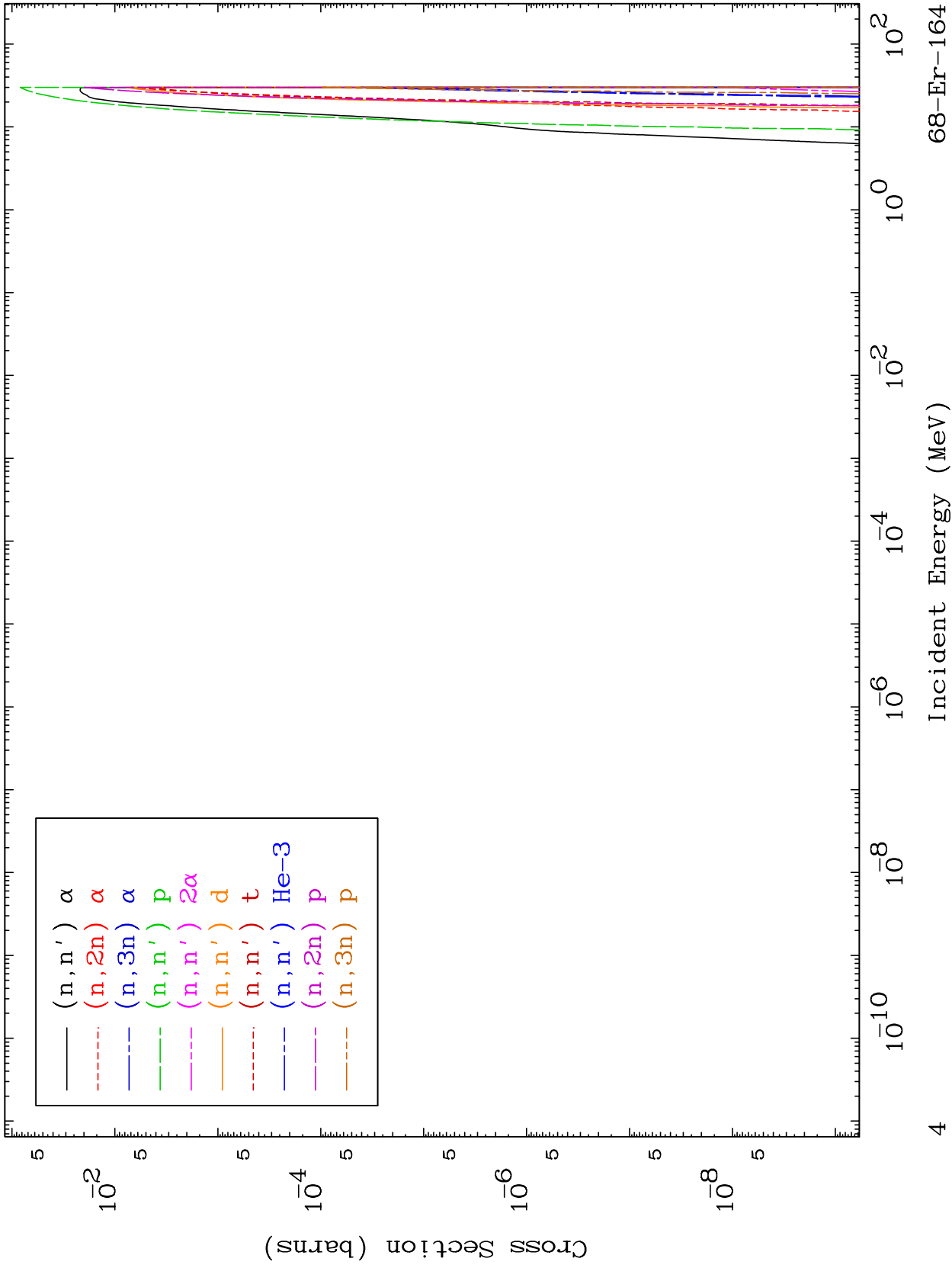
68-Er-164



MAT 6831

Charged Particle
293 Kelvin Cross Sections

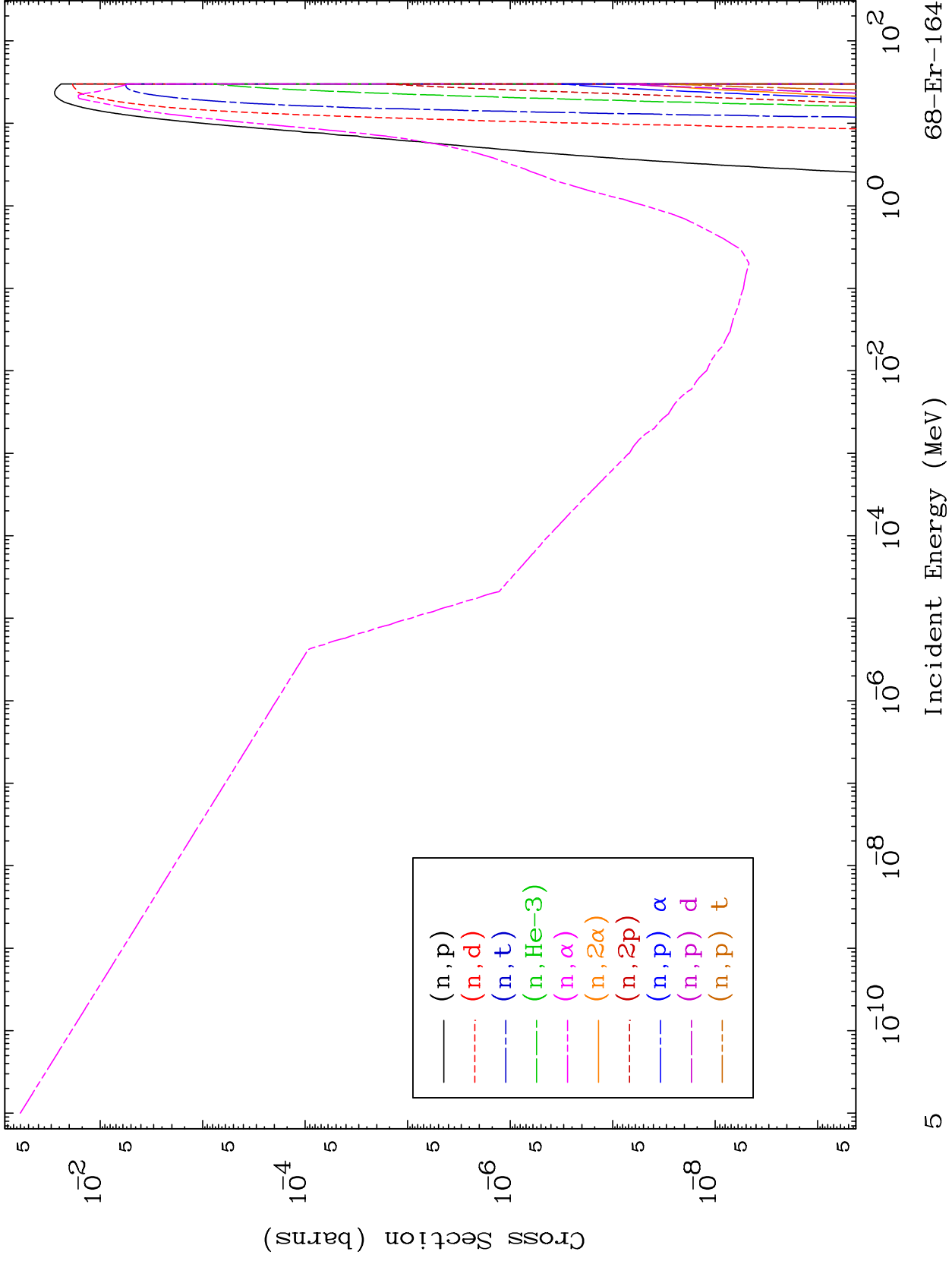
68-Er-164

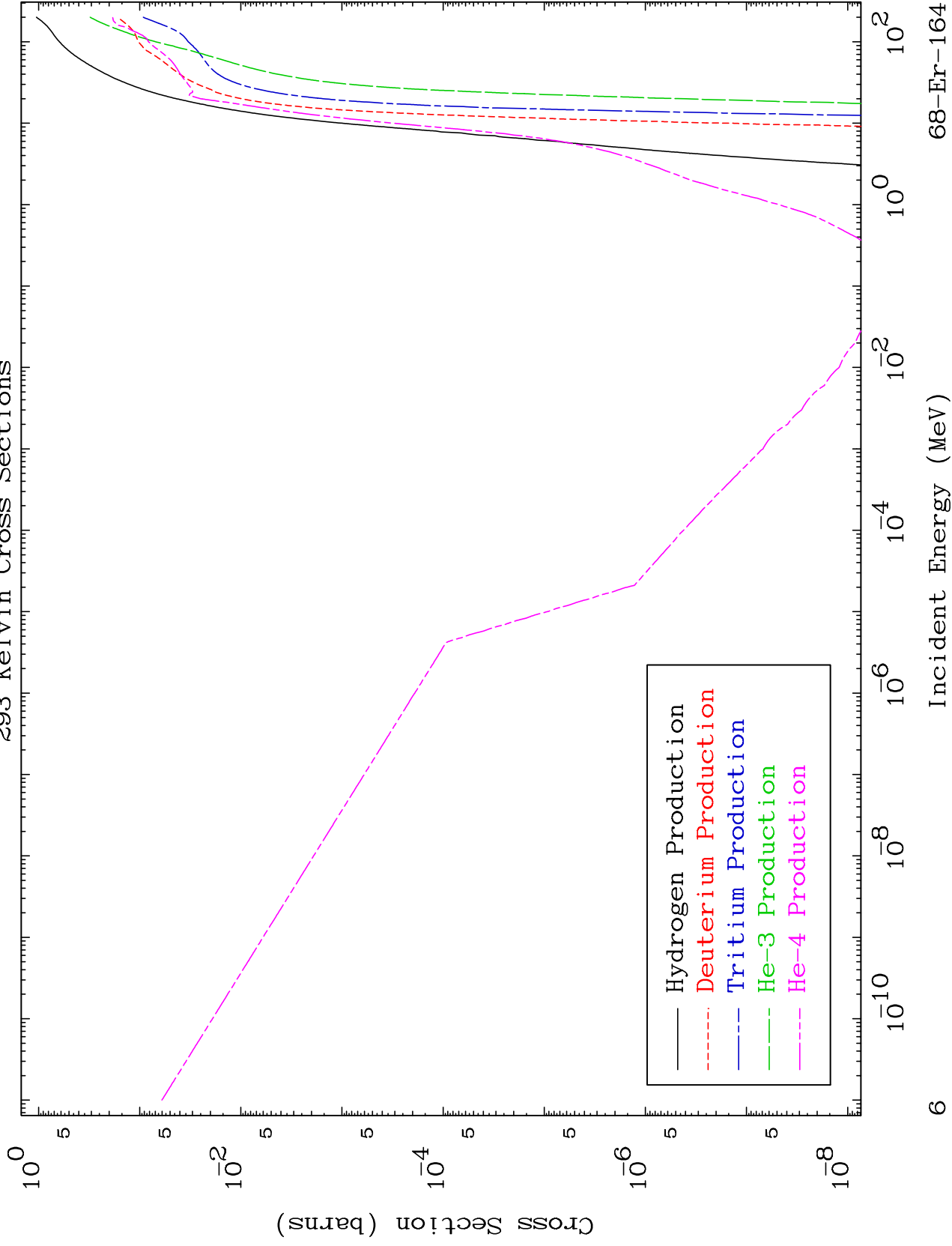


MAT 6831

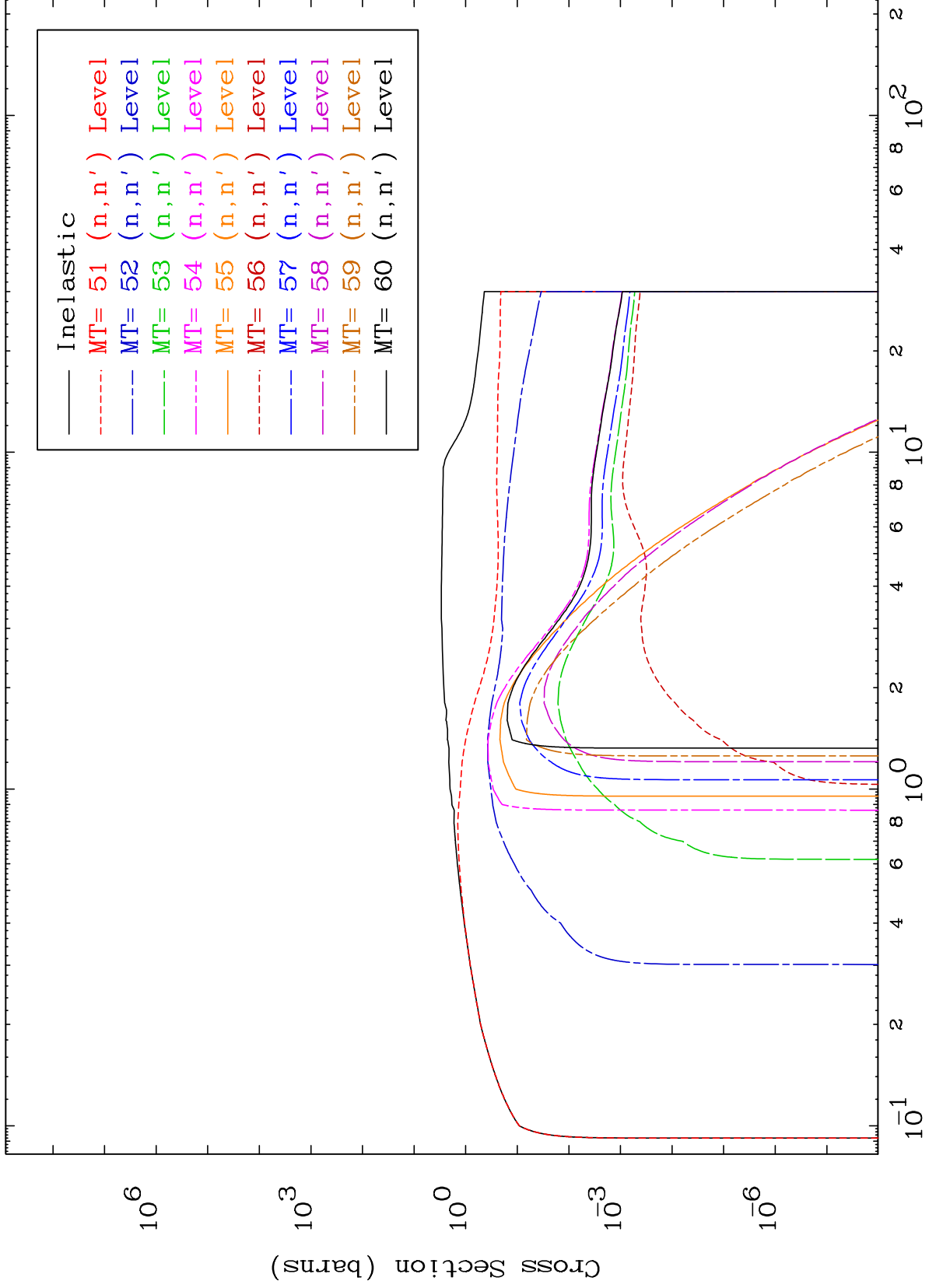
Charged Particle
293 Kelvin Cross Sections

68-Er-164





293 Kelvin Cross Sections

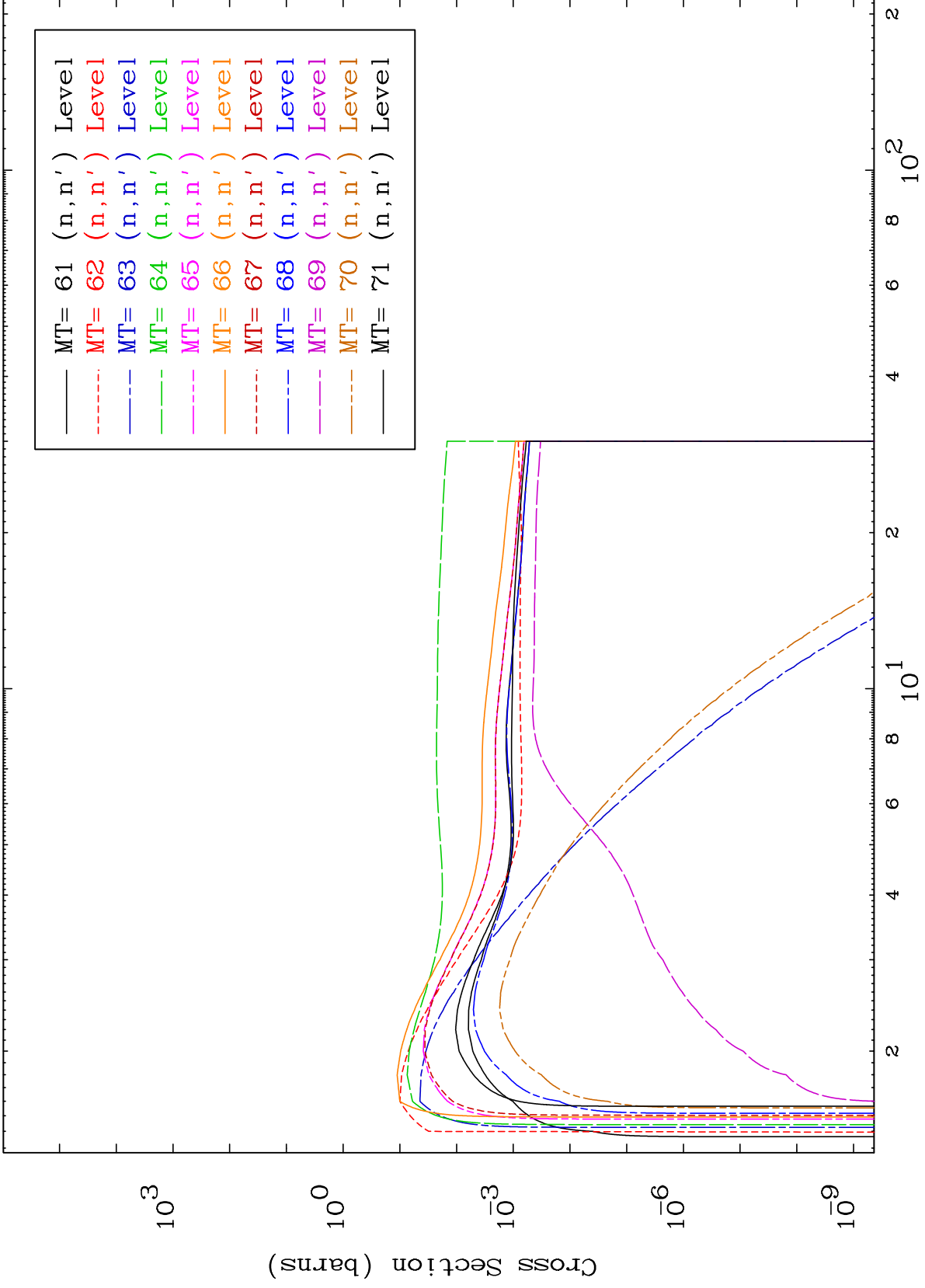


MAT 6831

(n,n') Level

68-Er-164

293 Kelvin Cross Sections

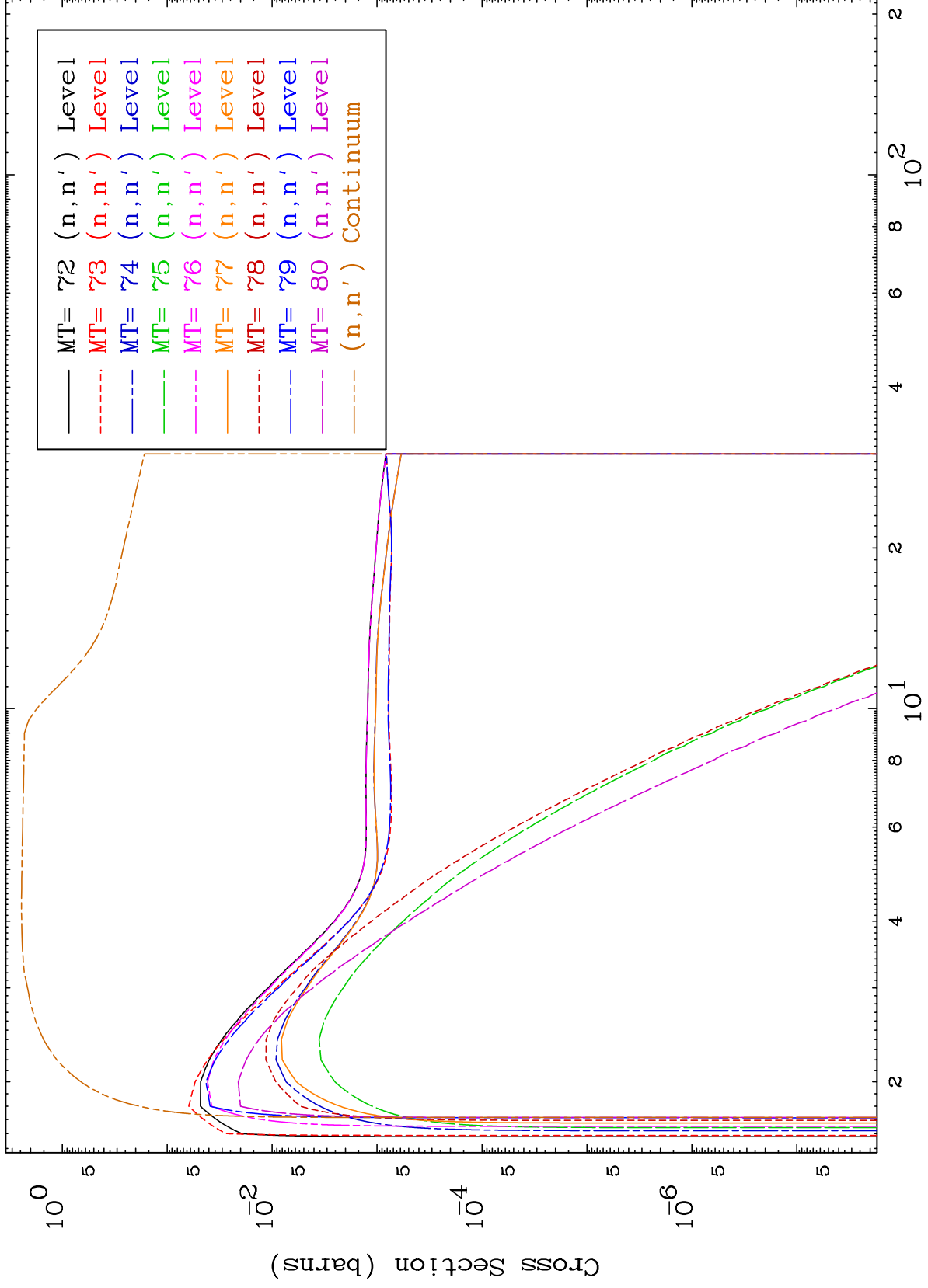


8

Incident Energy (MeV)

68-Er-164

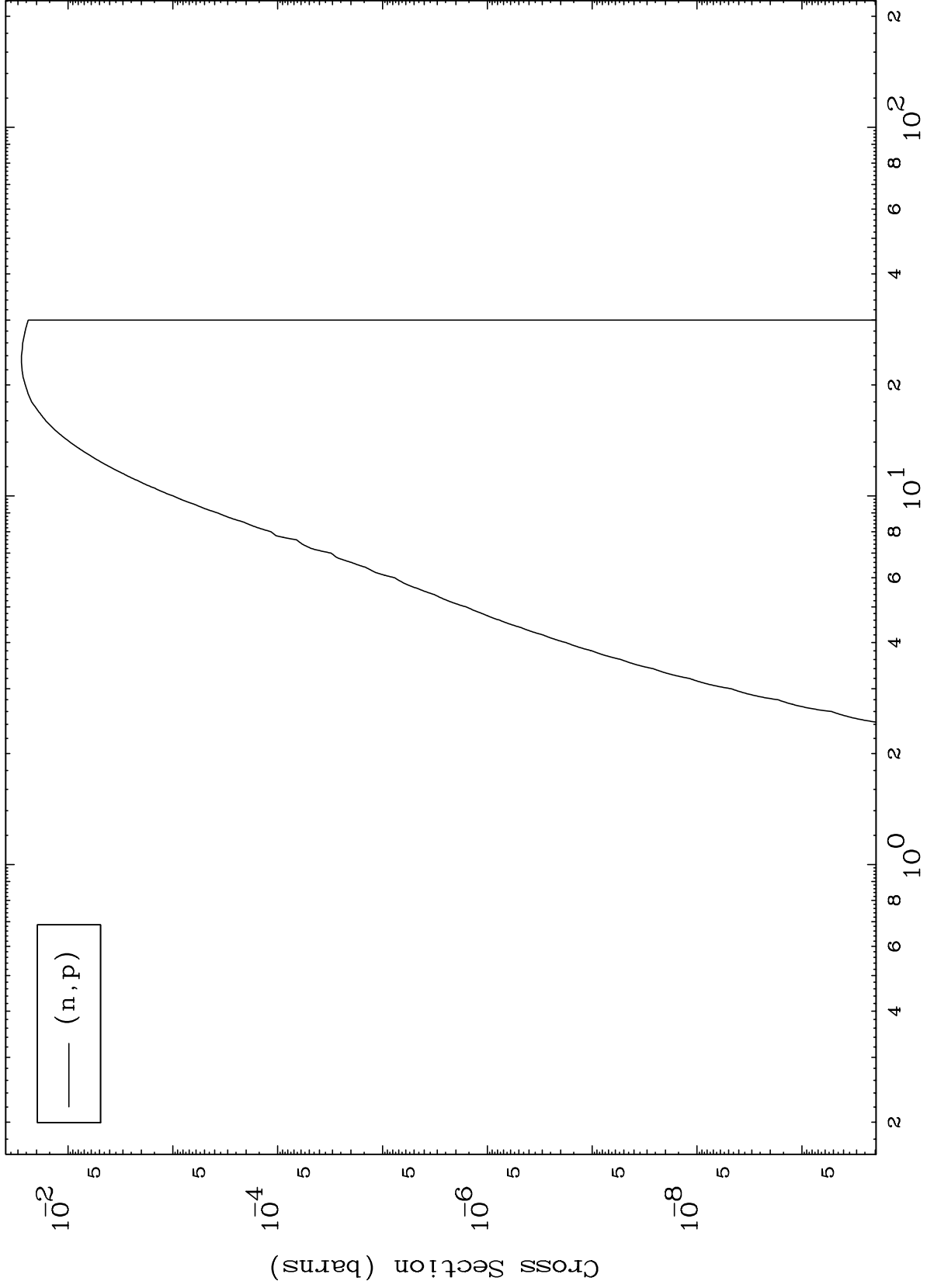
293 Kelvin Cross Sections



MAT 6831

(n,p) Levels
293 Kelvin Cross Sections

68-Er-164



10

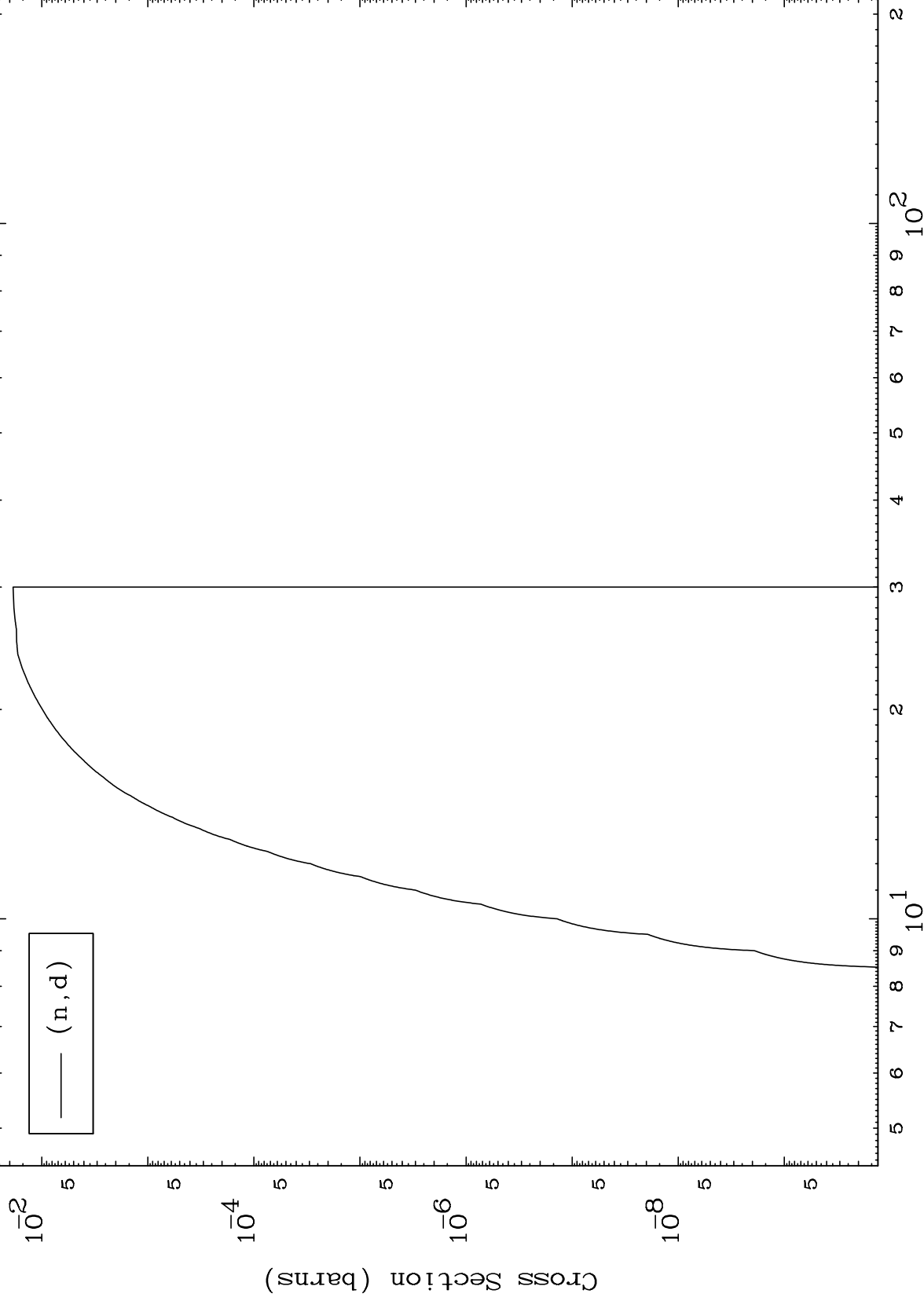
Incident Energy (MeV)

68-Er-164

MAT 6831

(n,d) Levels
293 Kelvin Cross Sections

68-Er-164



11

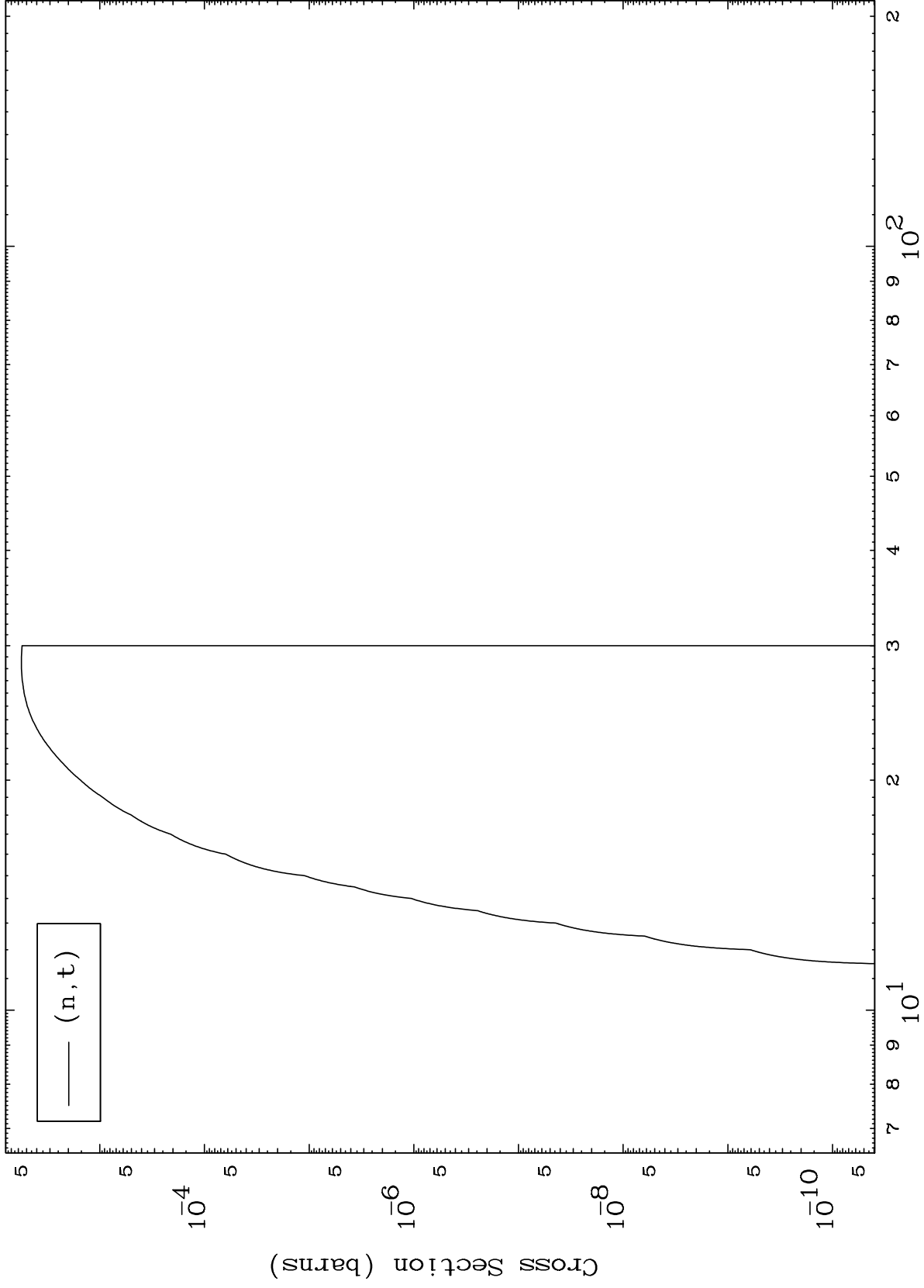
Incident Energy (MeV)

68-Er-164

MAT 6831

(n,t) Levels
293 Kelvin Cross Sections

68-Er-164



12

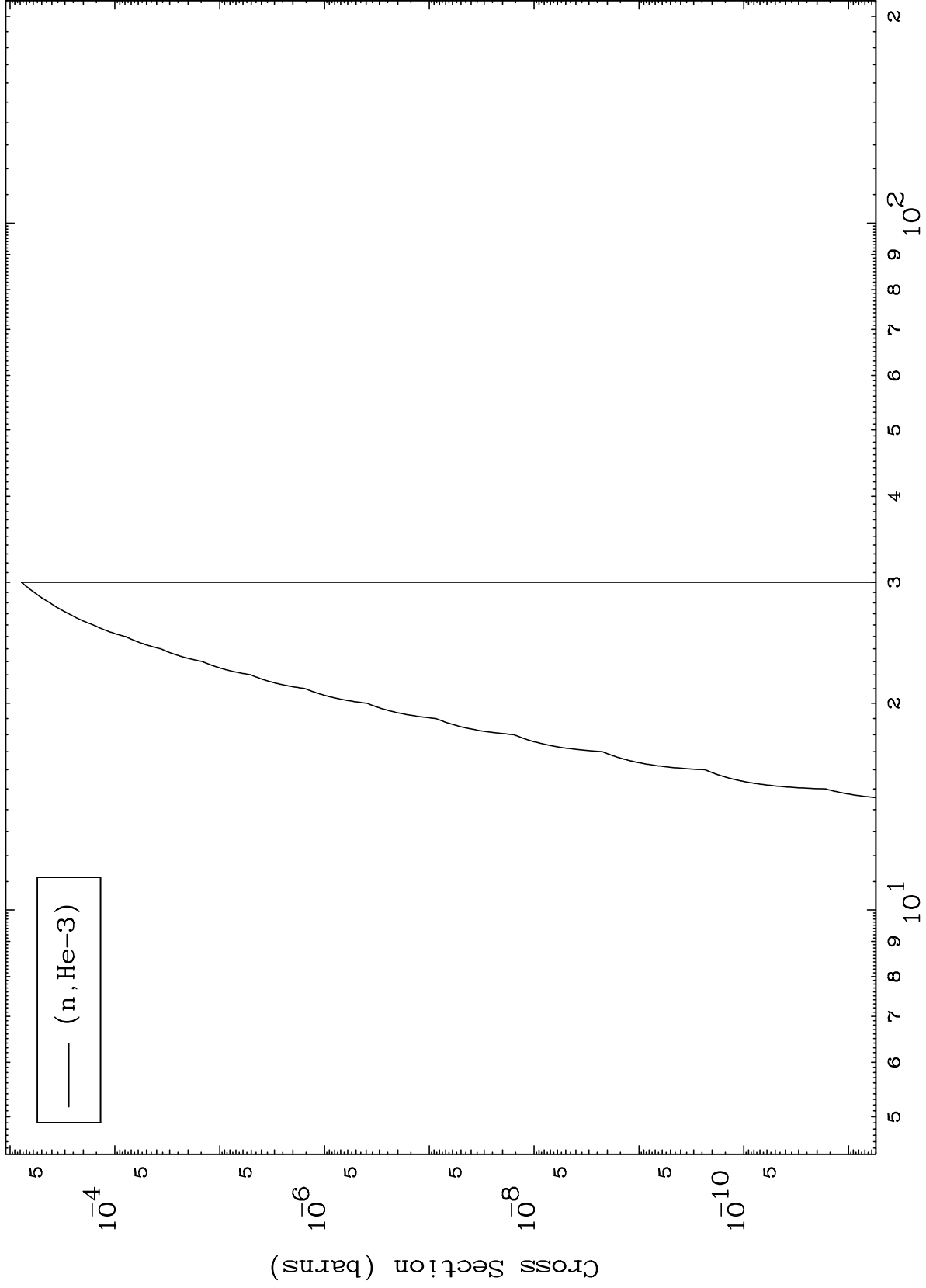
Incident Energy (MeV)

68-Er-164

MAT 6831

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-164



13

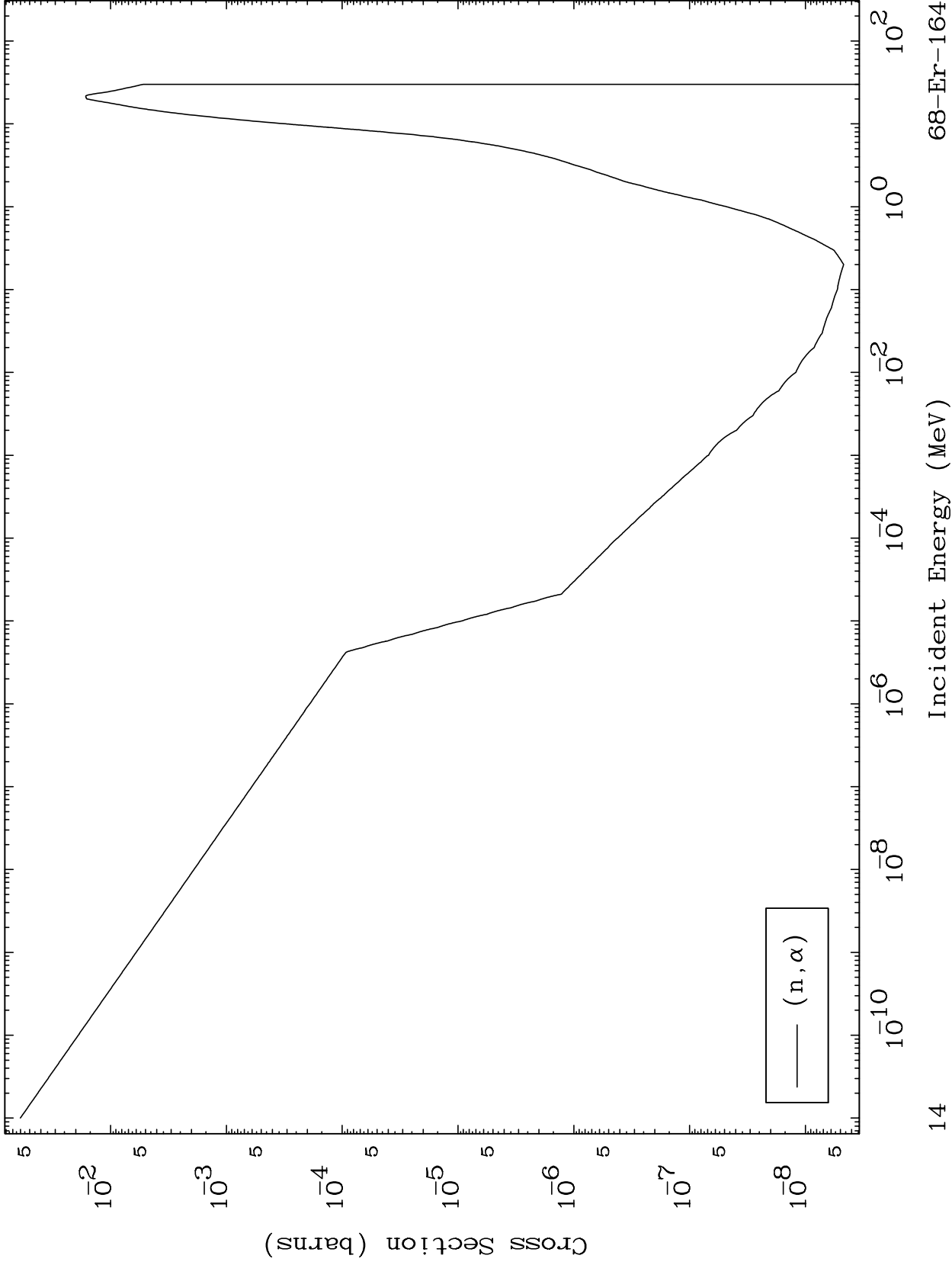
Incident Energy (MeV)

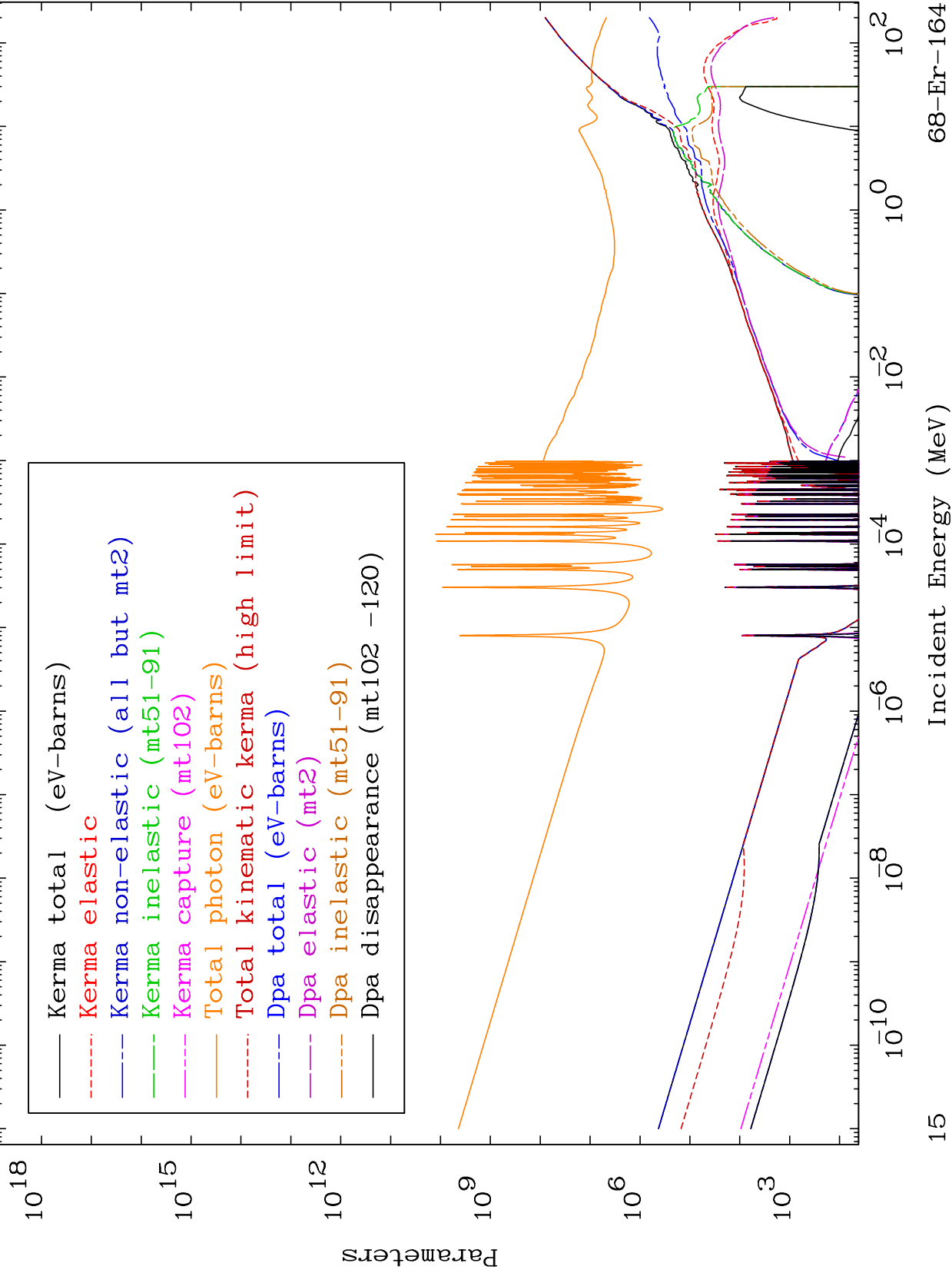
68-Er-164

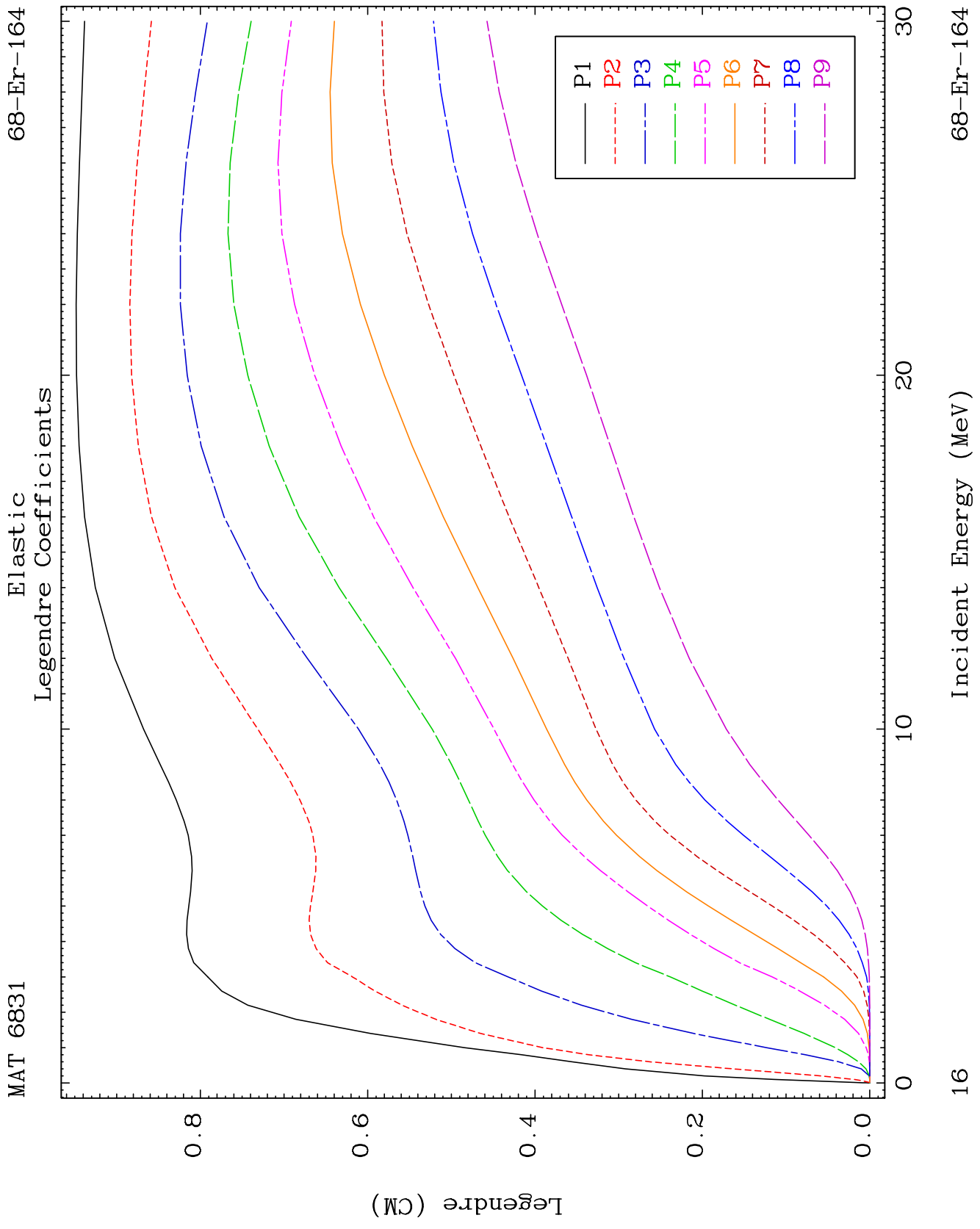
MAT 6831

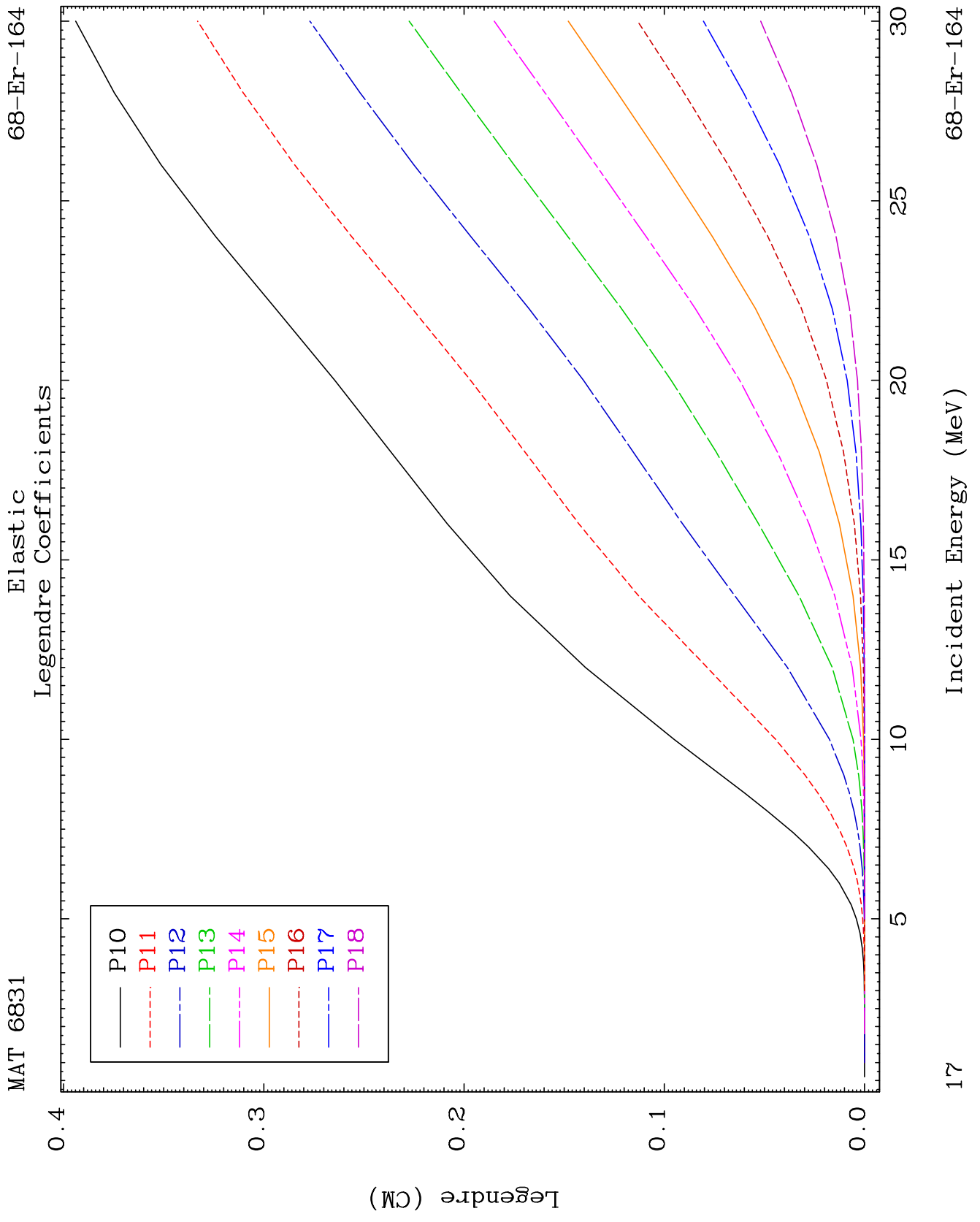
(n, α) Levels
293 Kelvin Cross Sections

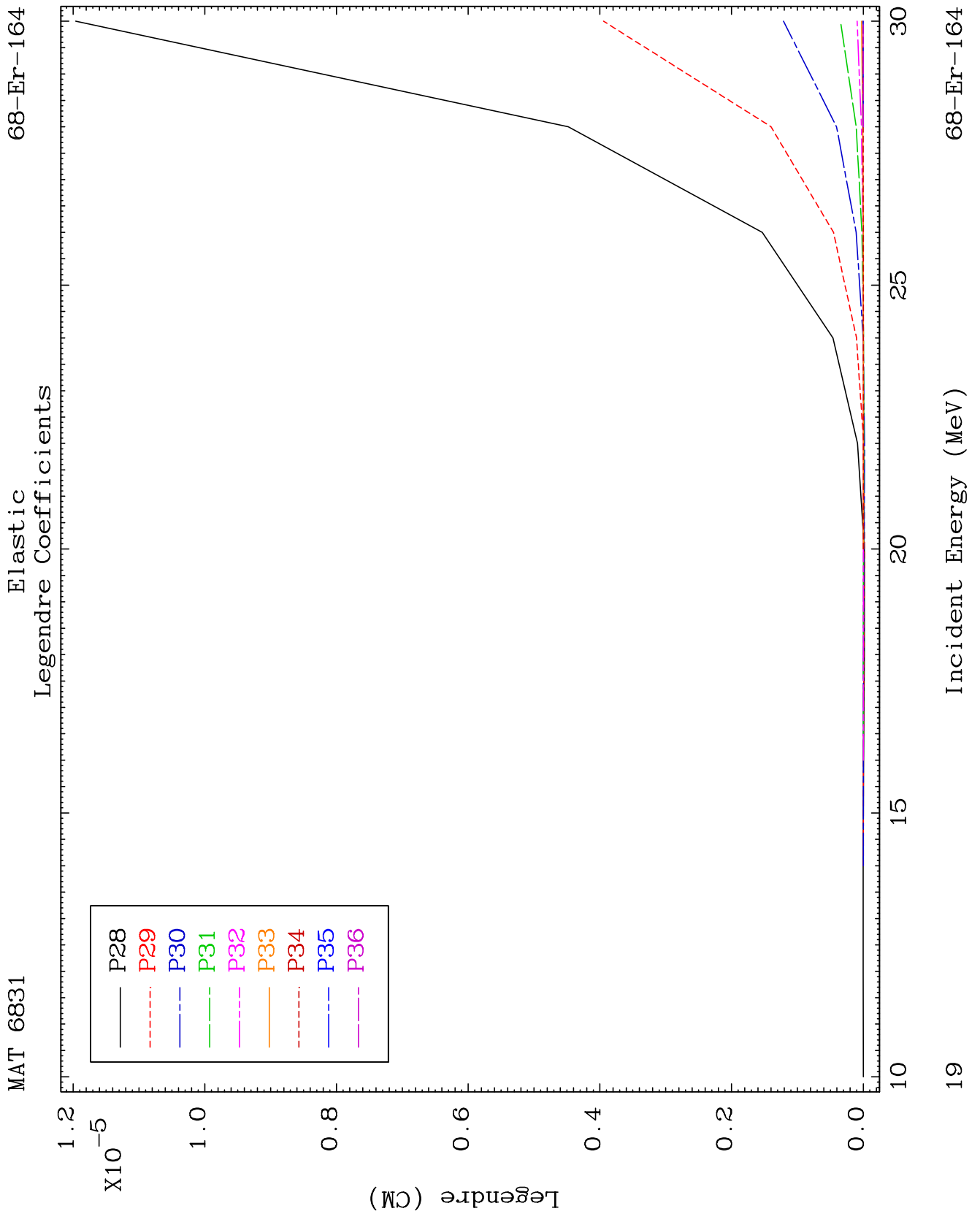
68-Er-164

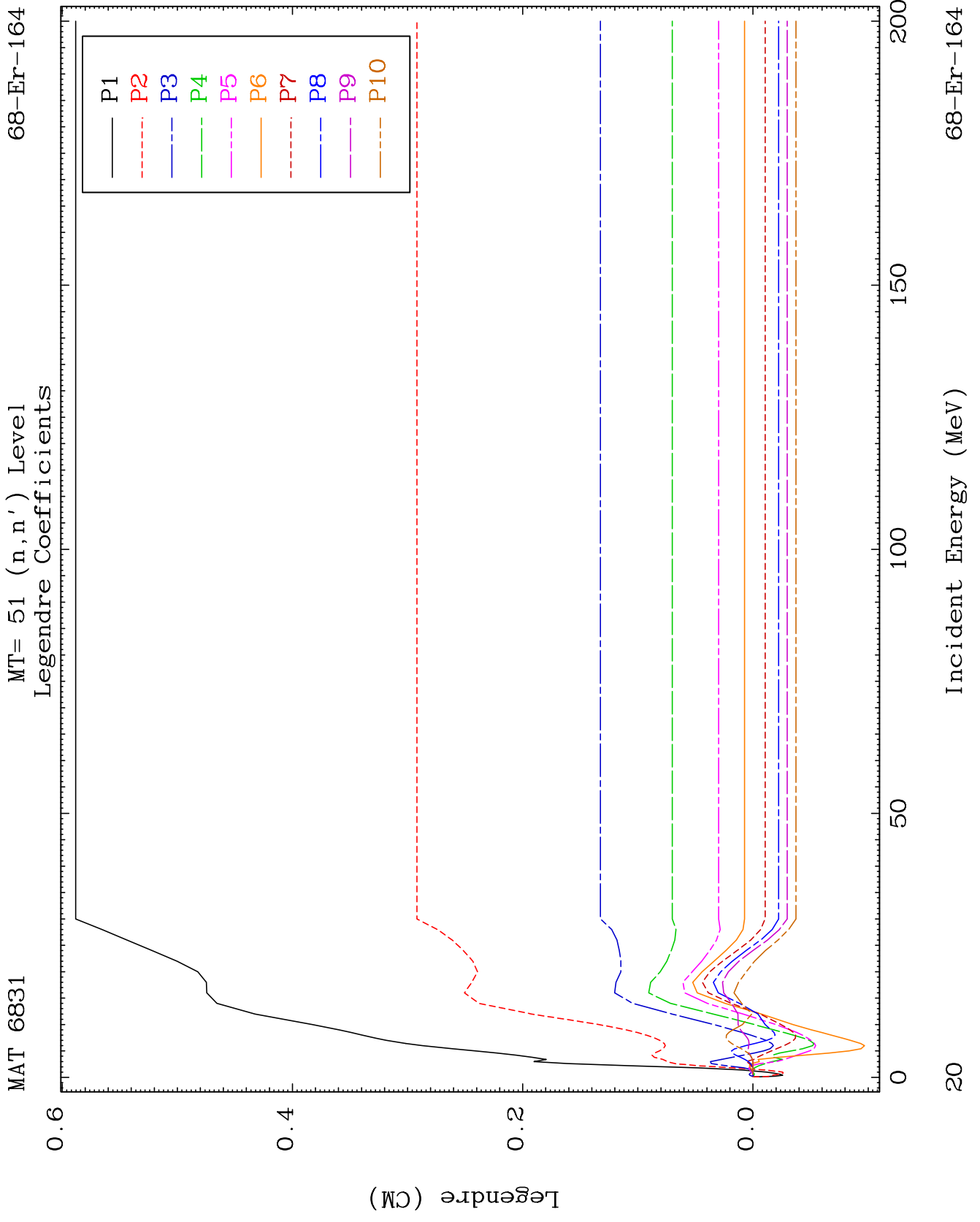








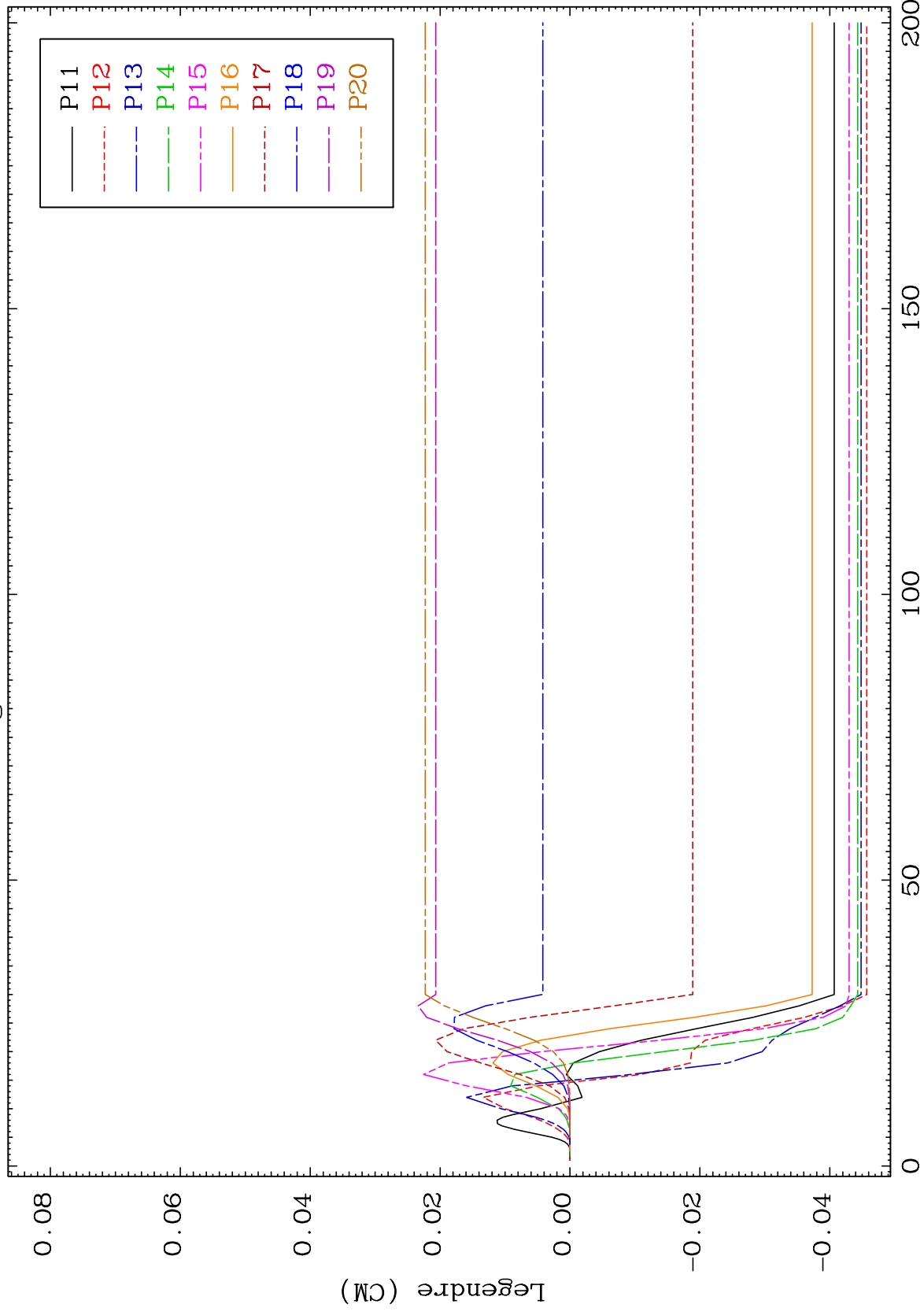




MAT 6831

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

68-Er-164



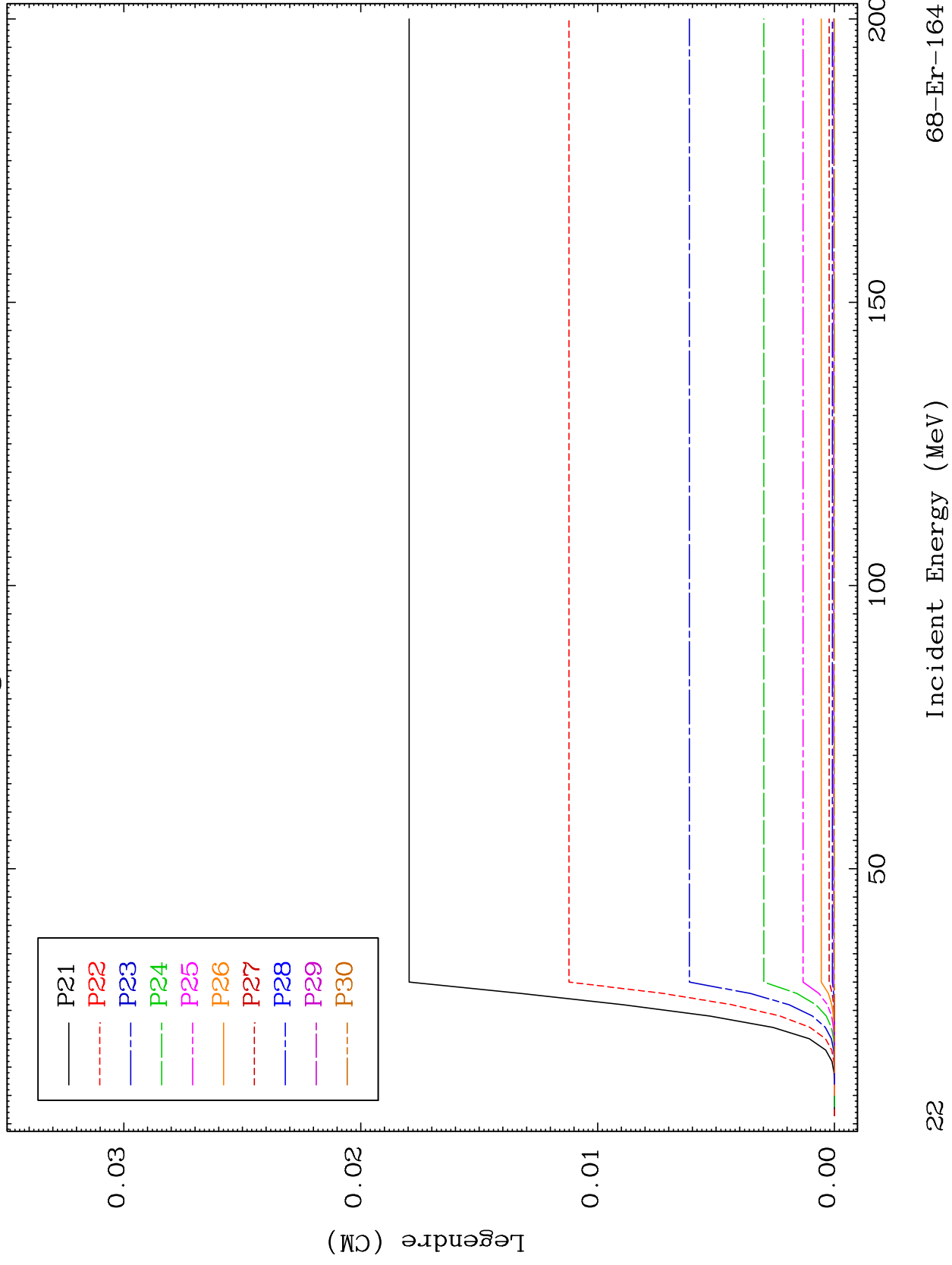
21

68-Er-164

MAT 6831

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

68-Er-164

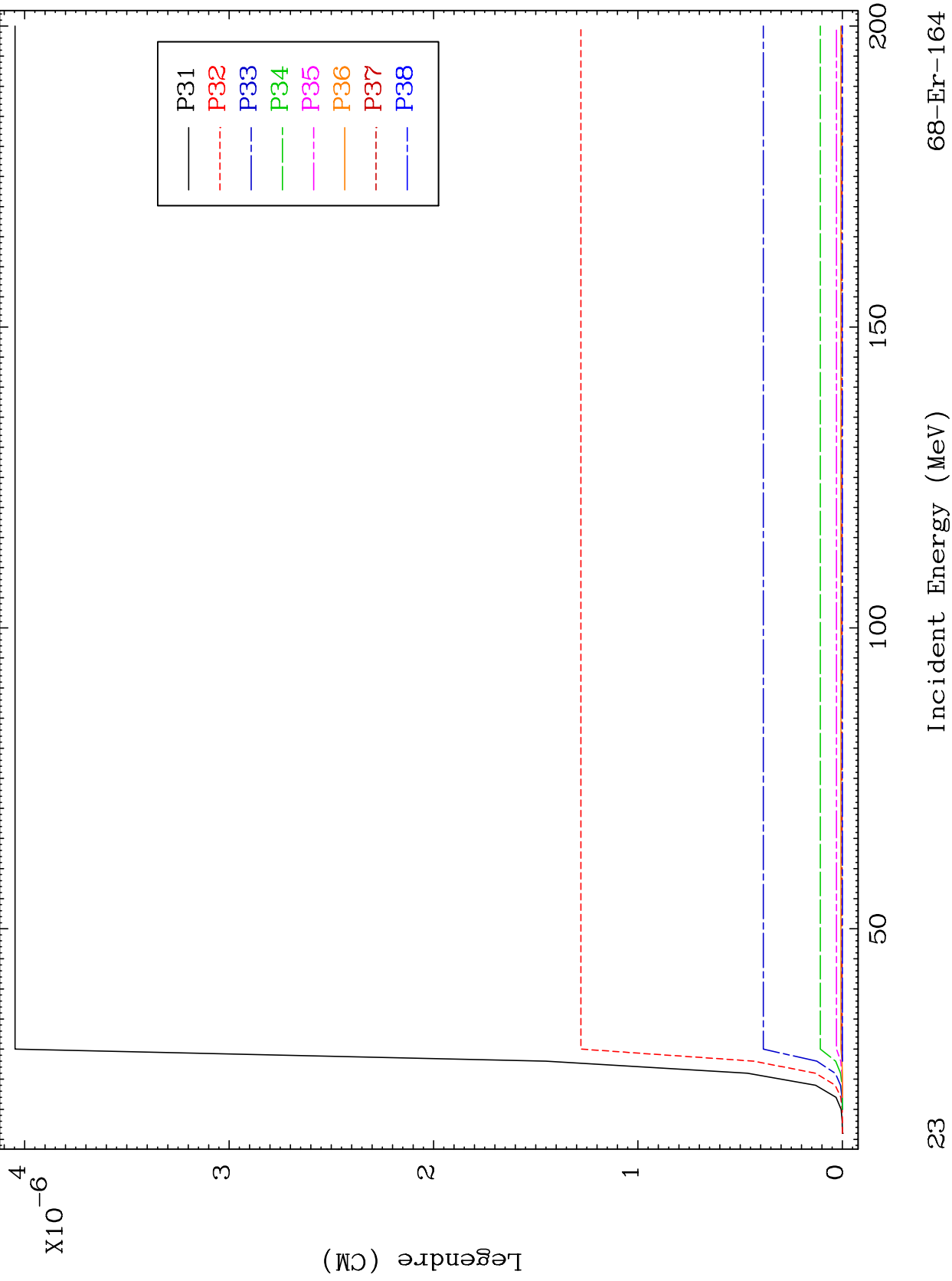


22

MAT 6831

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

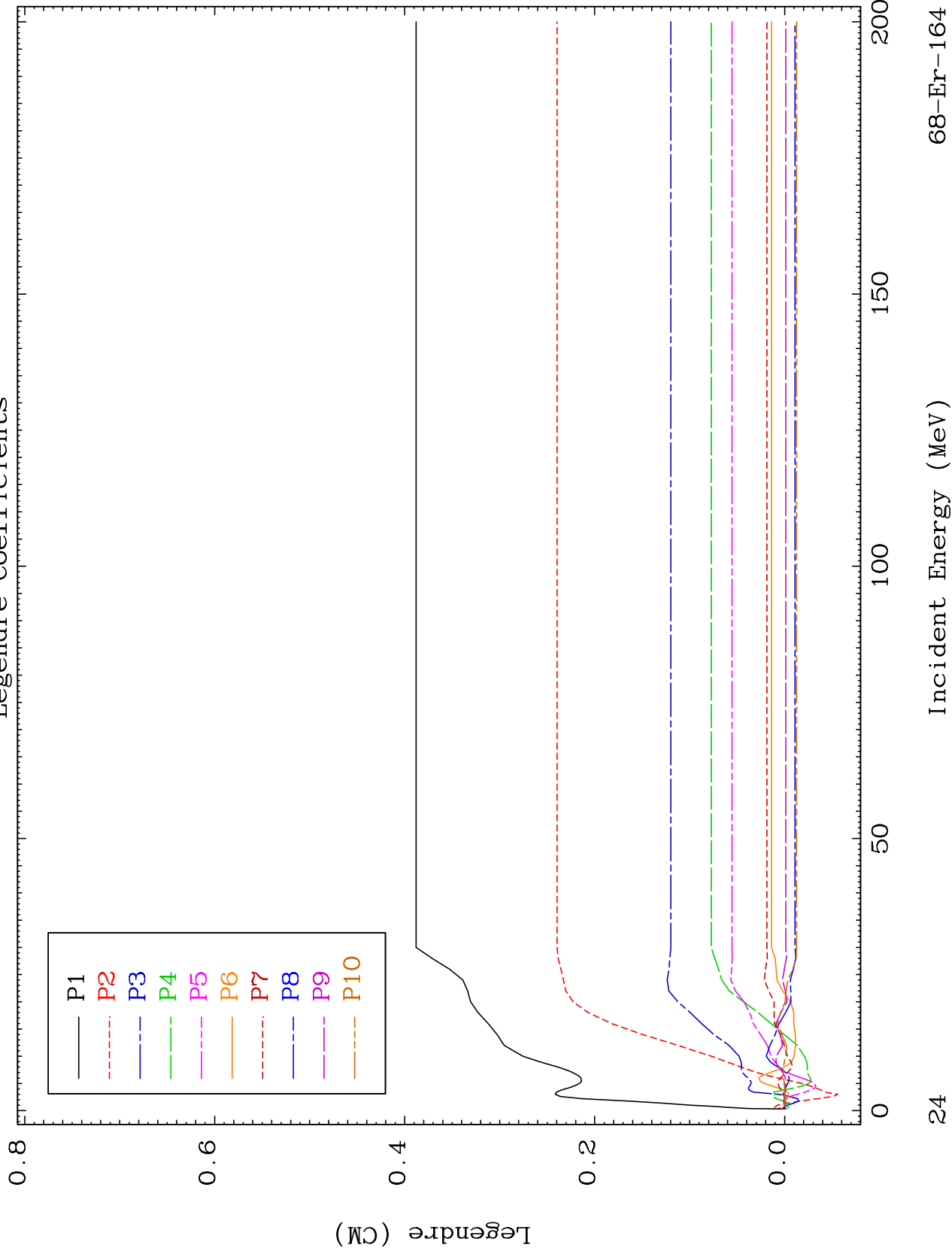
68-Er-164



MAT 6831

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

68-Er-164



68-Er-164

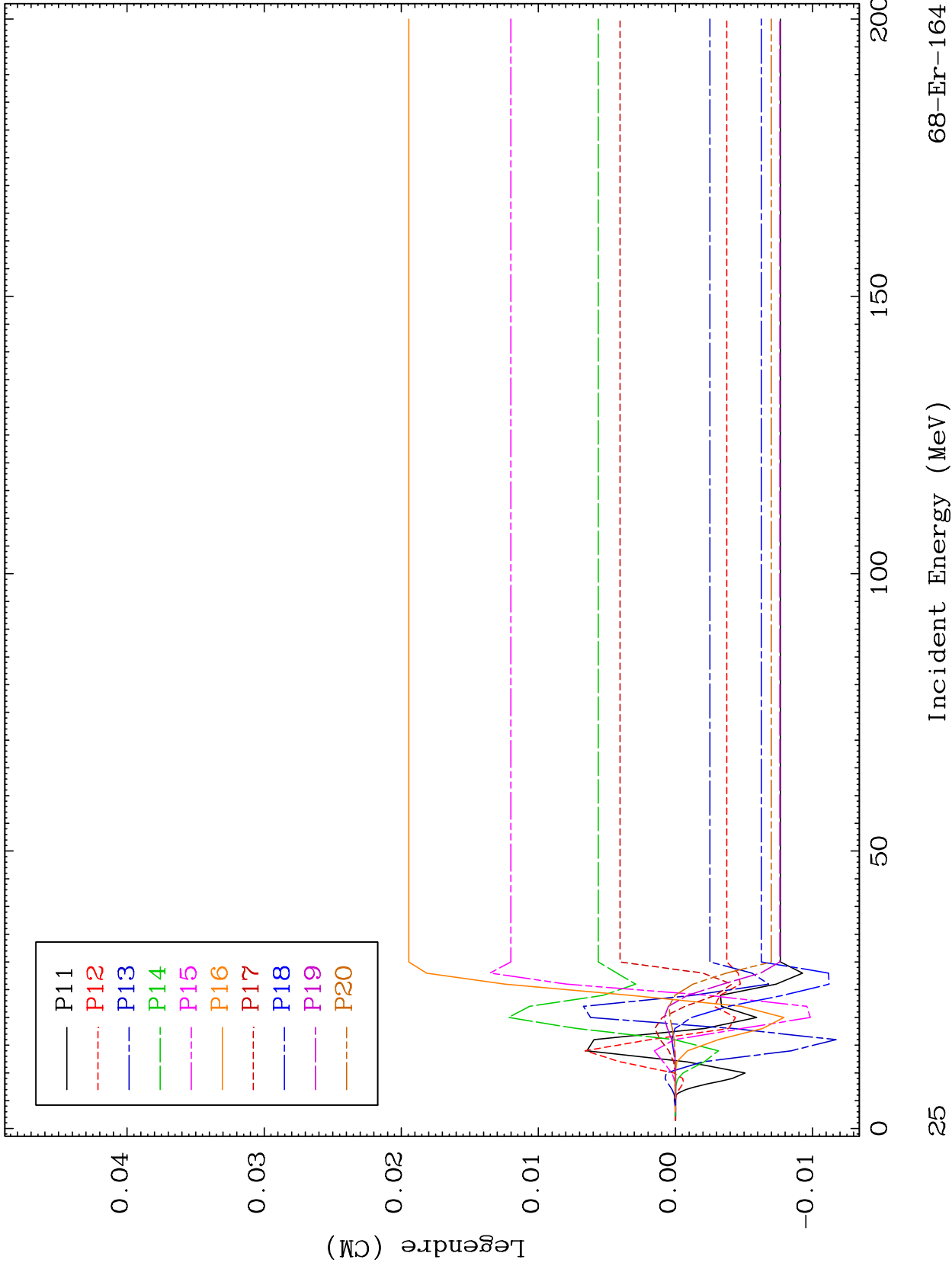
Incident Energy (MeV)

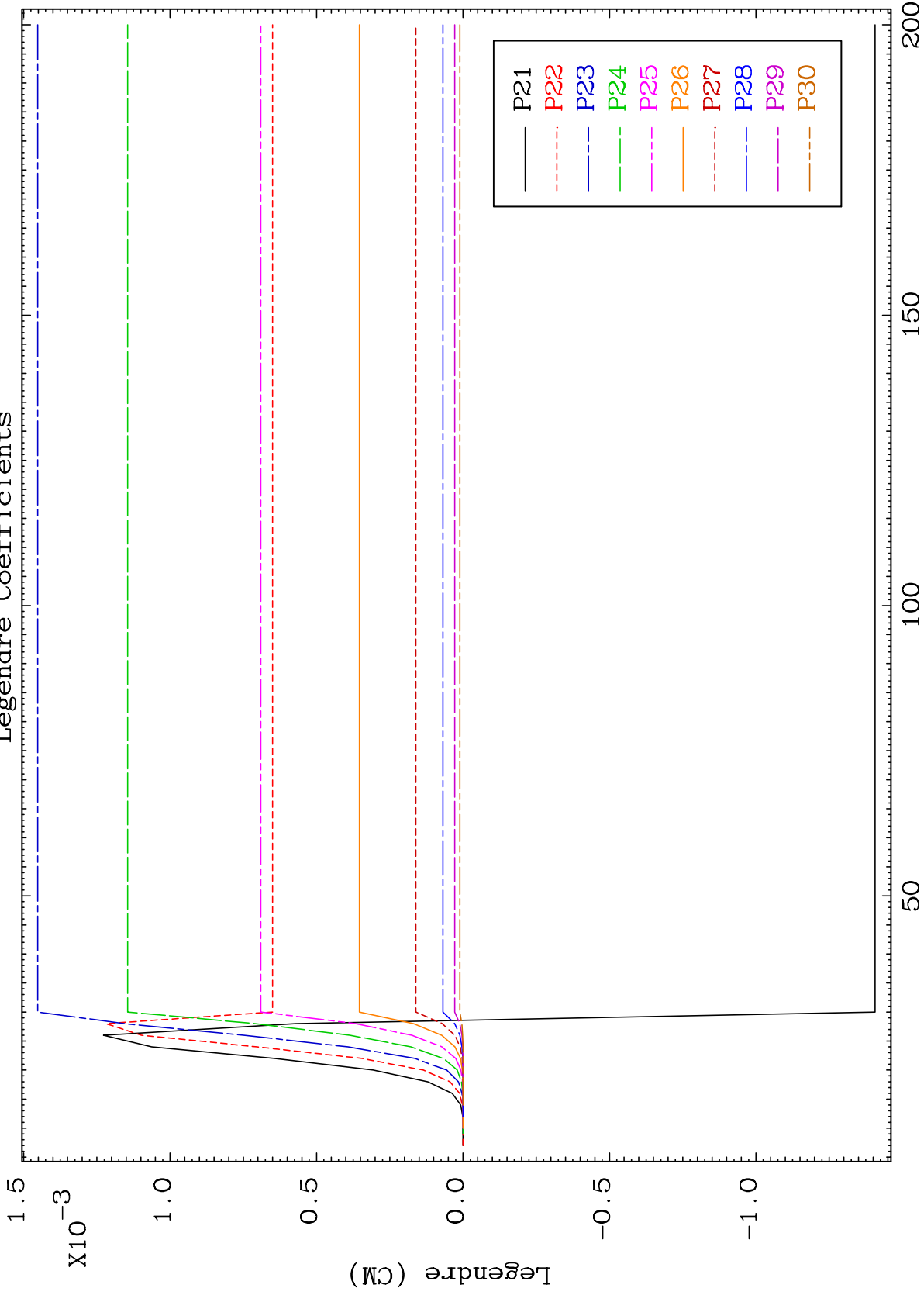
24

MAT 6831

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

68-Er-164

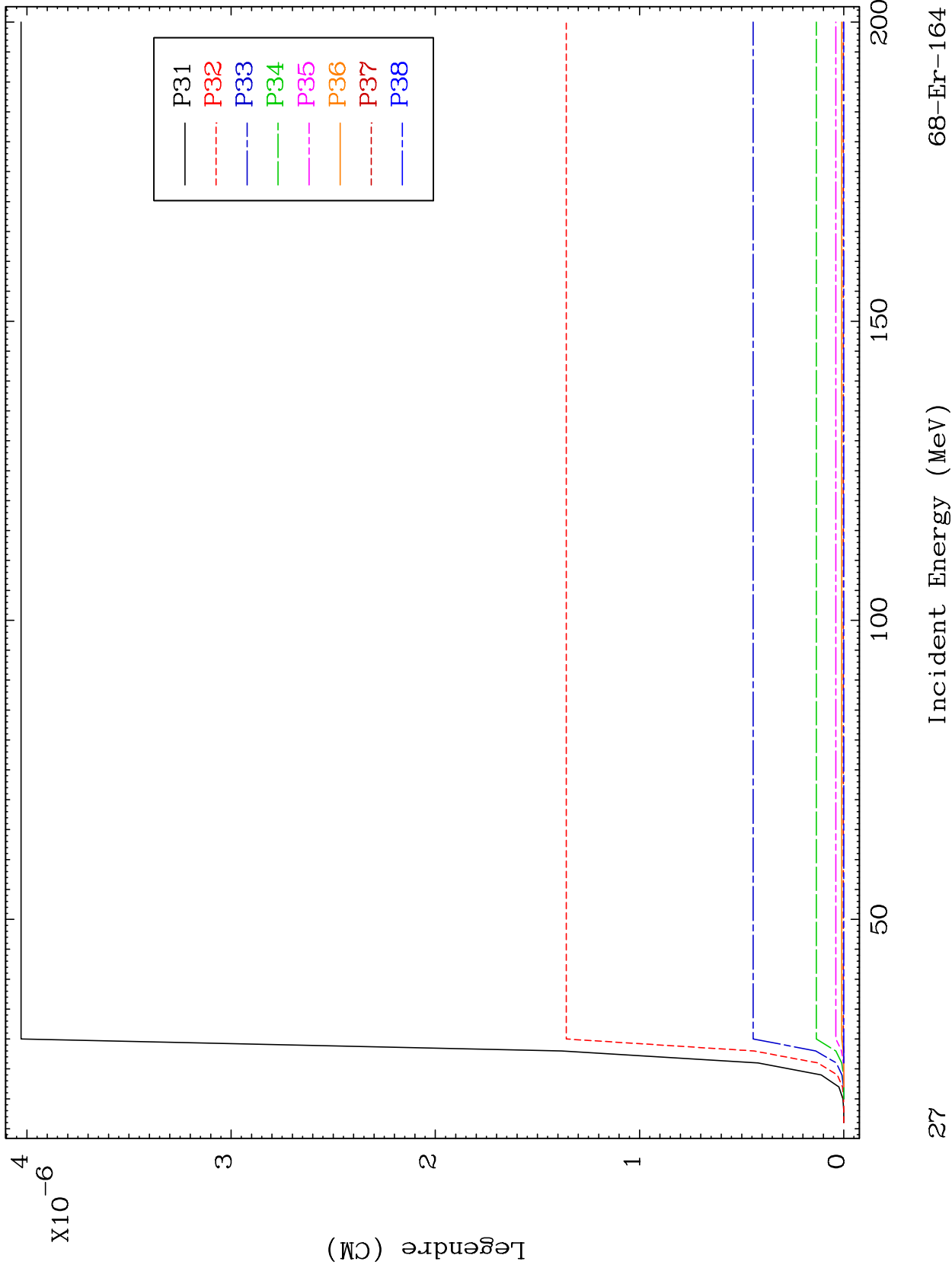




MAT 6831

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

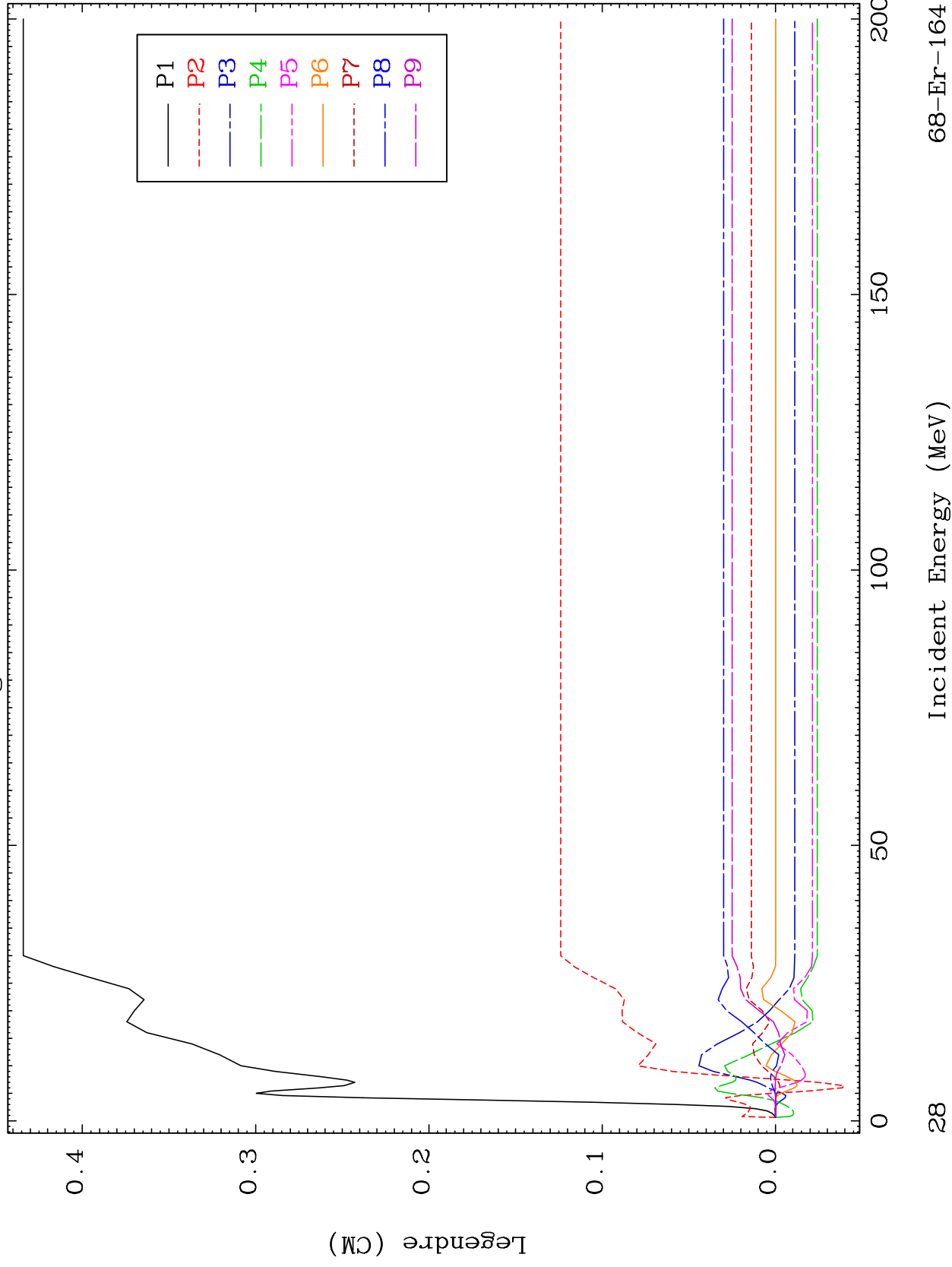
68-Er-164



MAT 6831

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

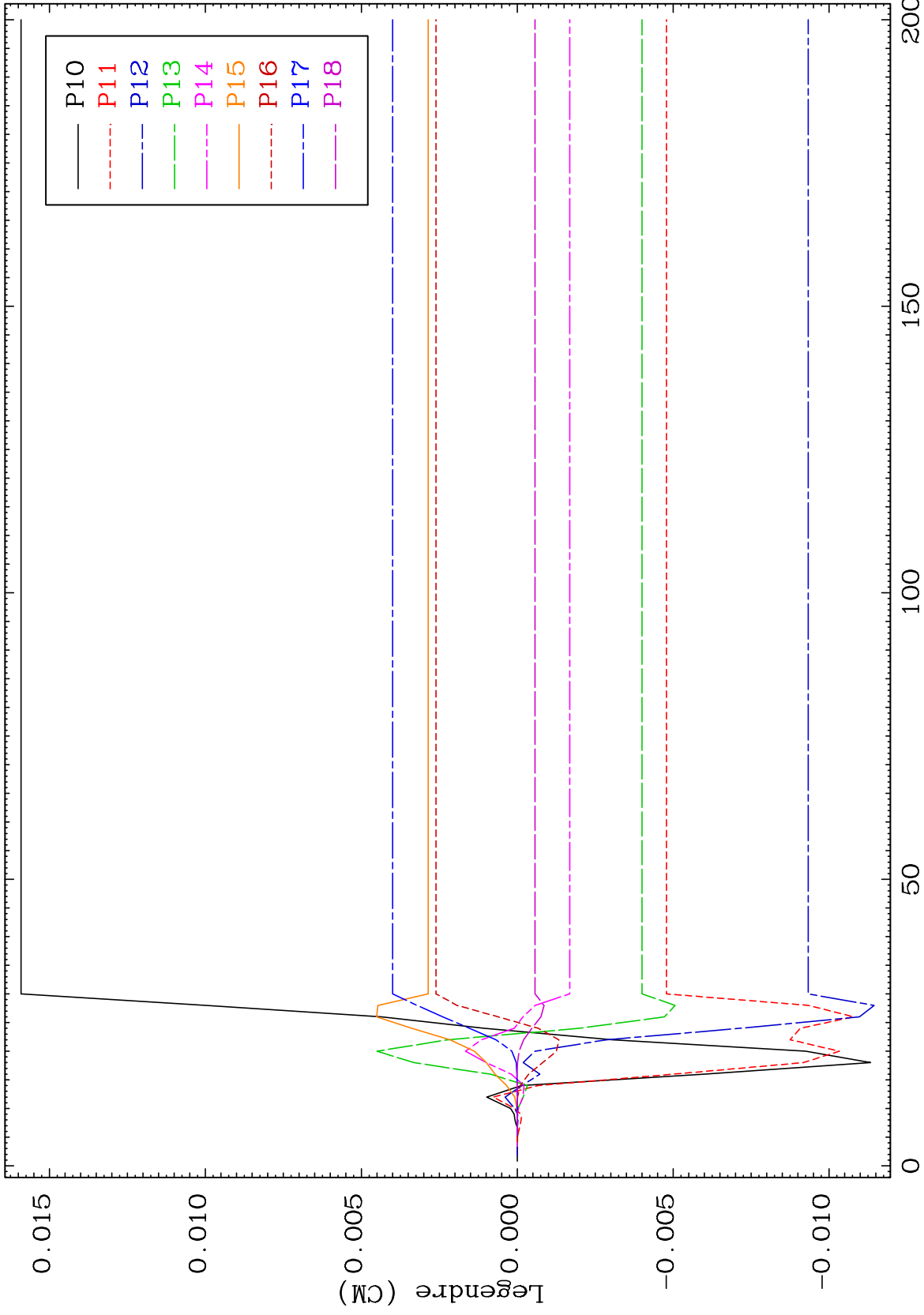
68-Er-164



68-Er-164

Incident Energy (MeV)

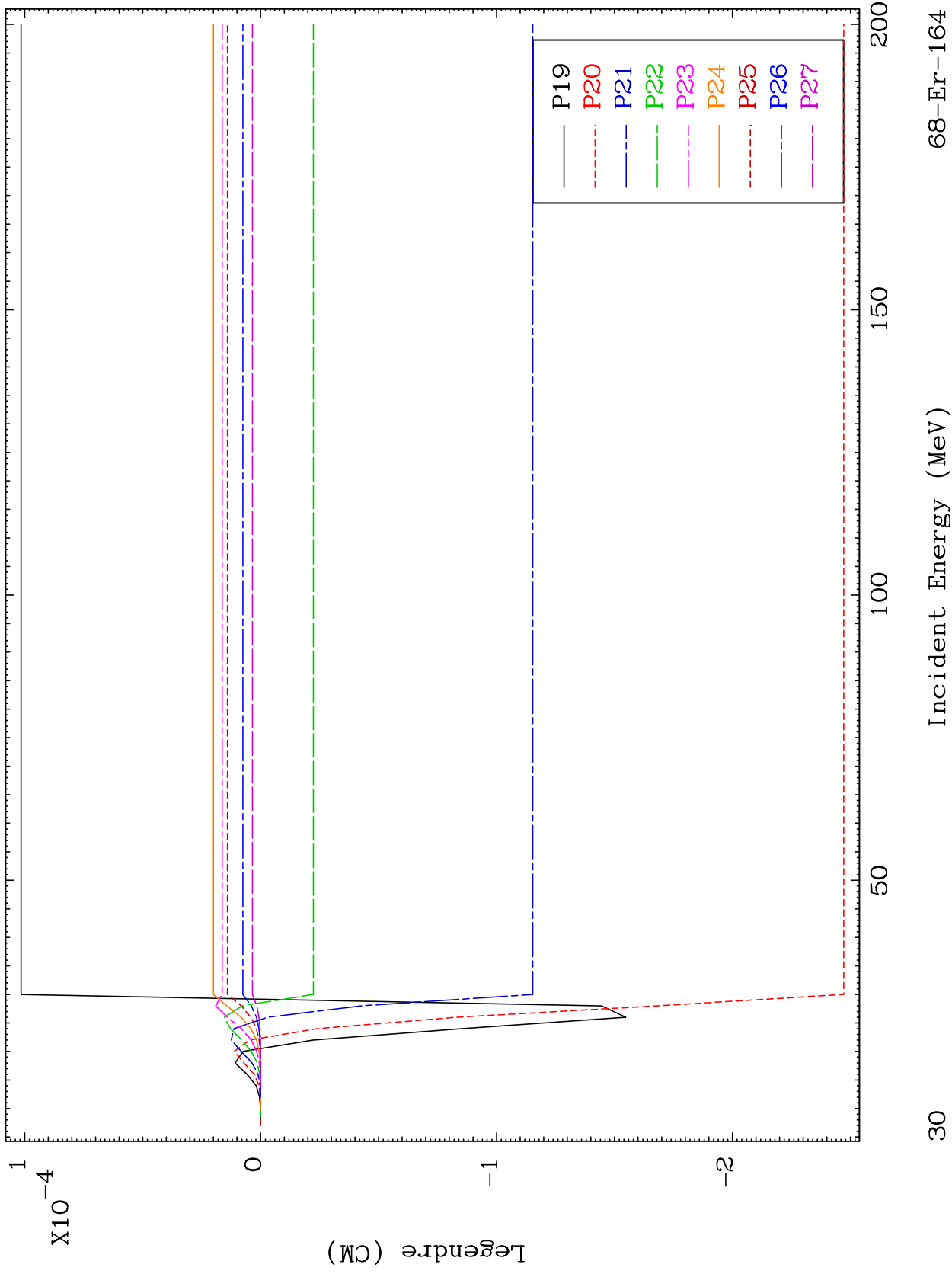
28



MAT 6831

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

68-Er-164



30

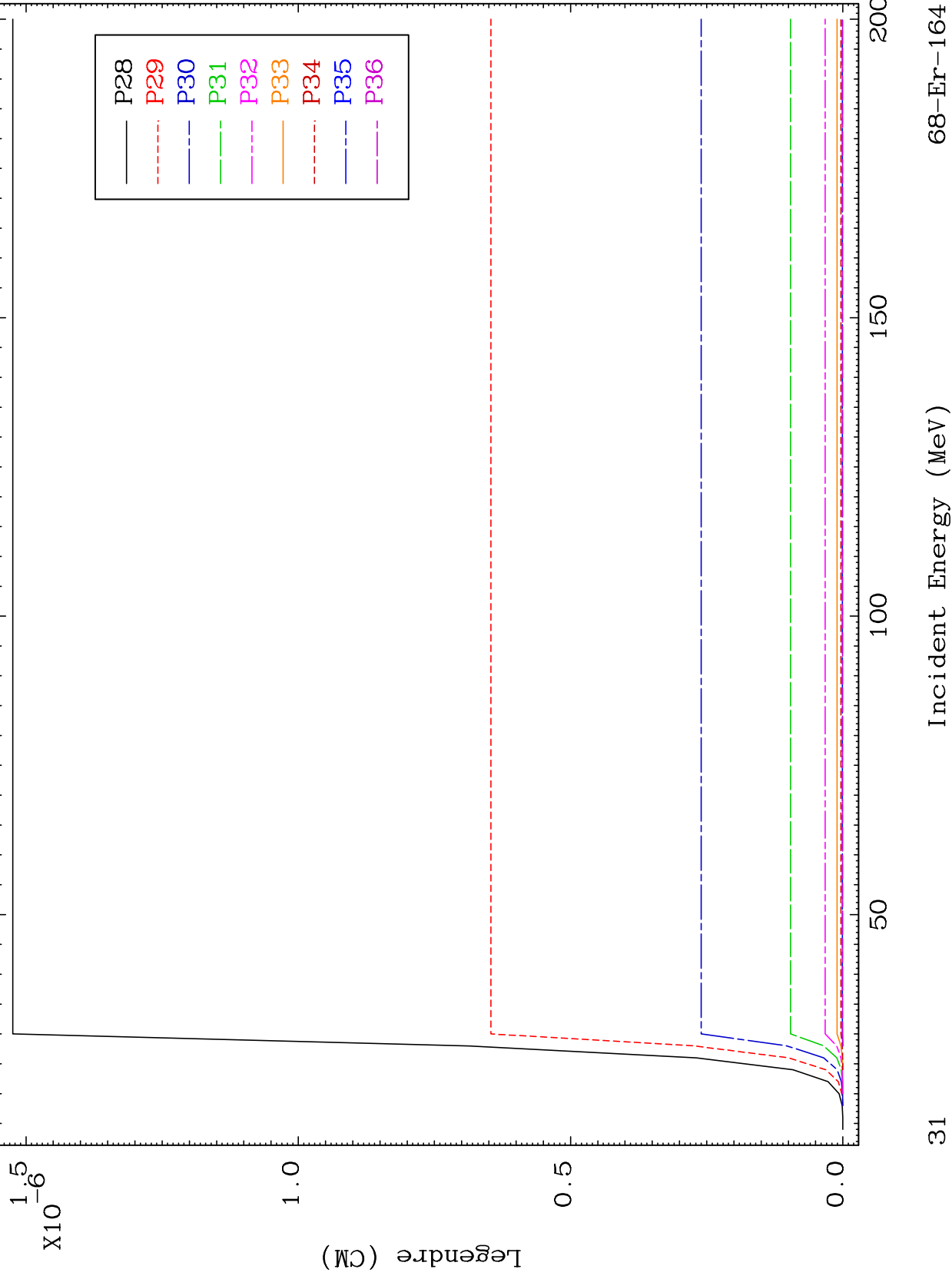
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



31

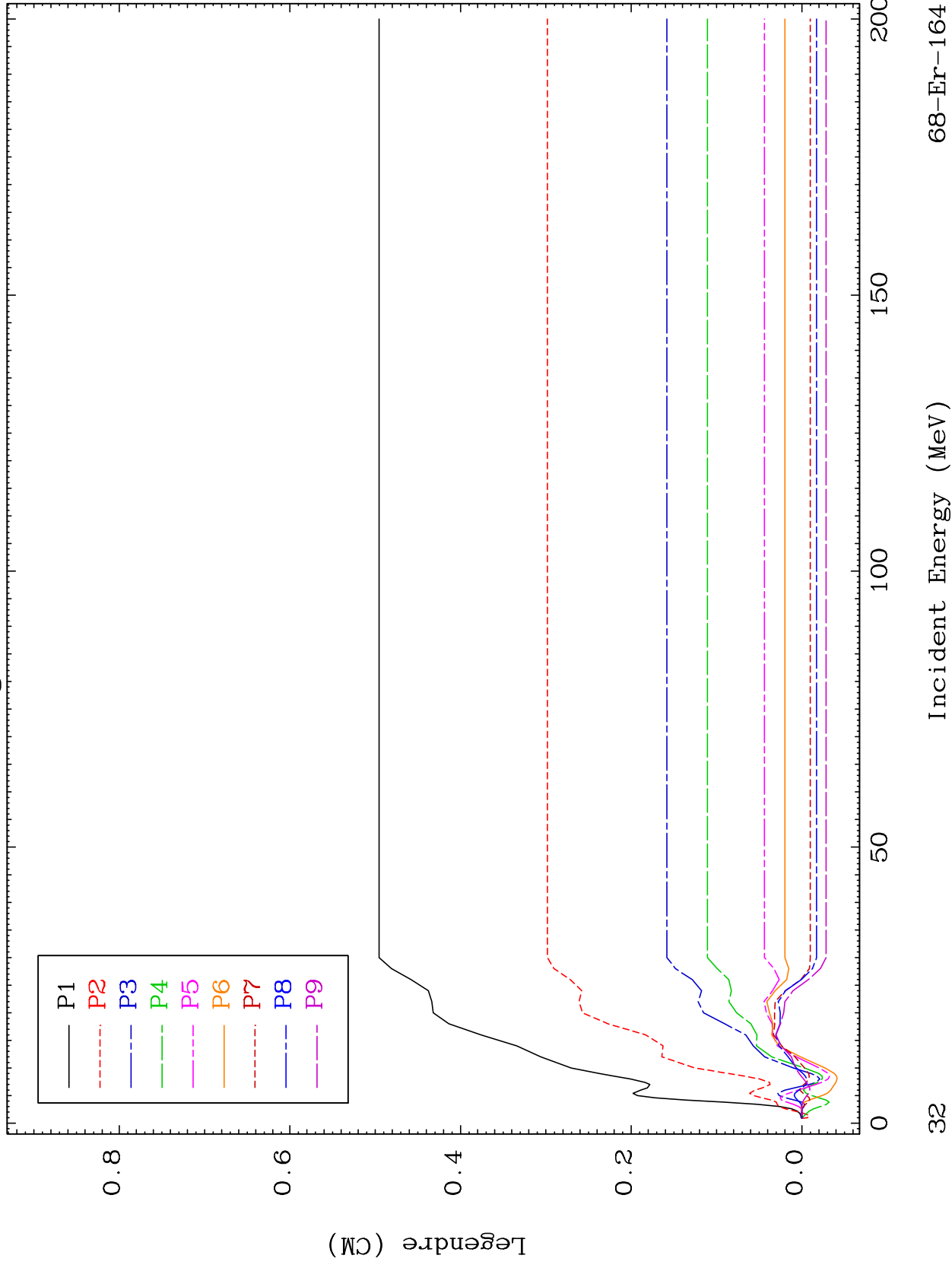
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164

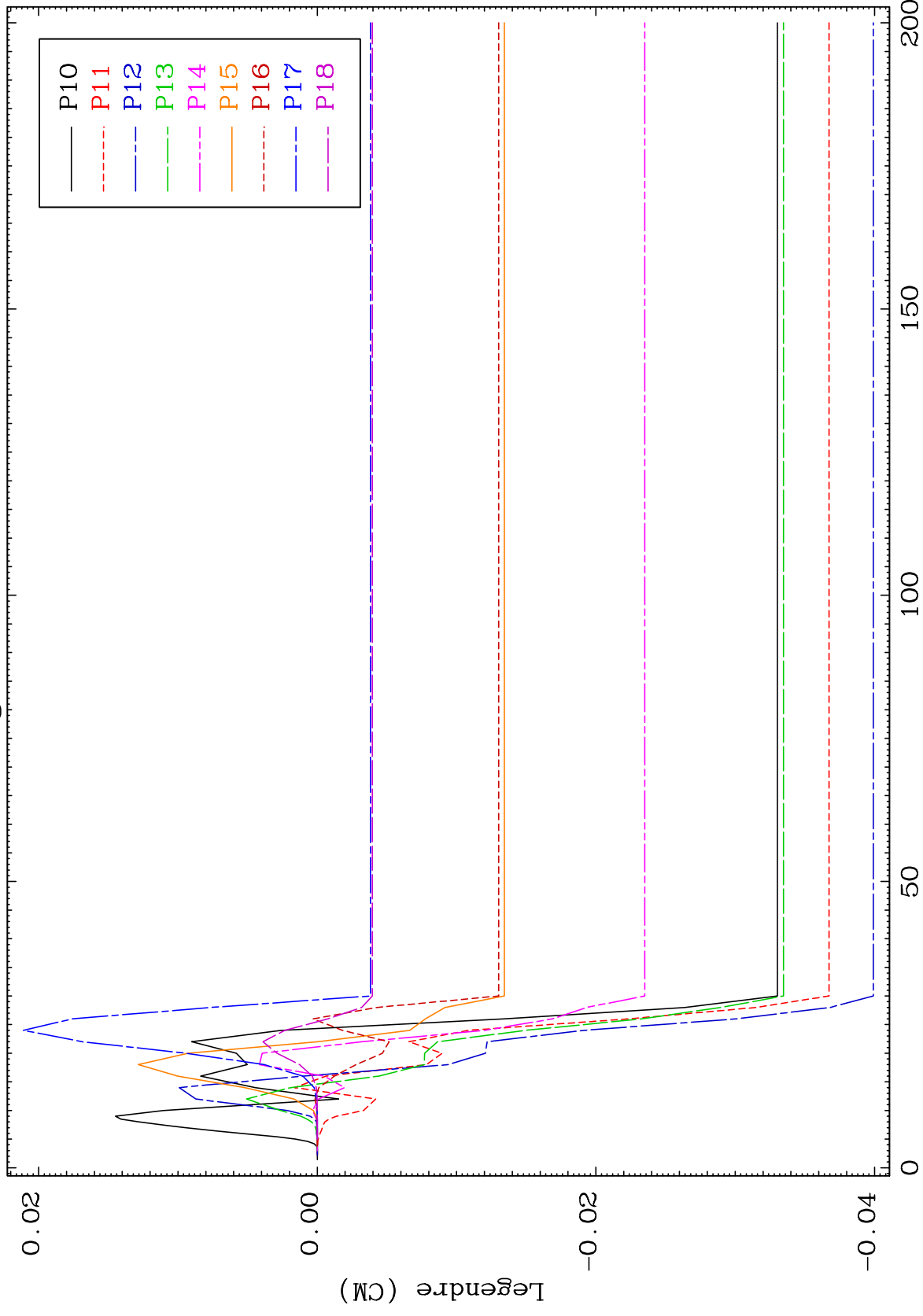


32

MAT 6831

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

68-Er-164



33

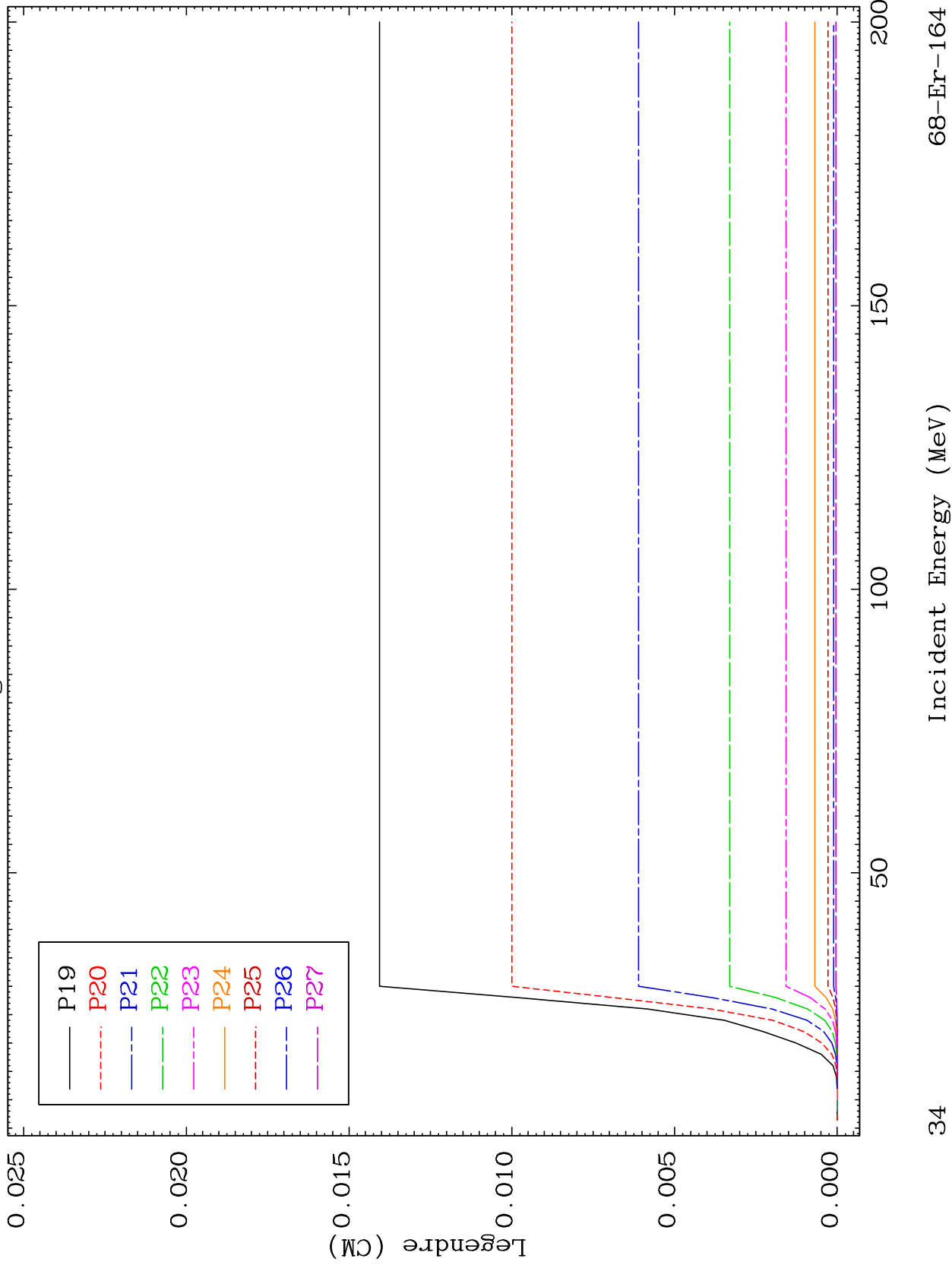
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



34

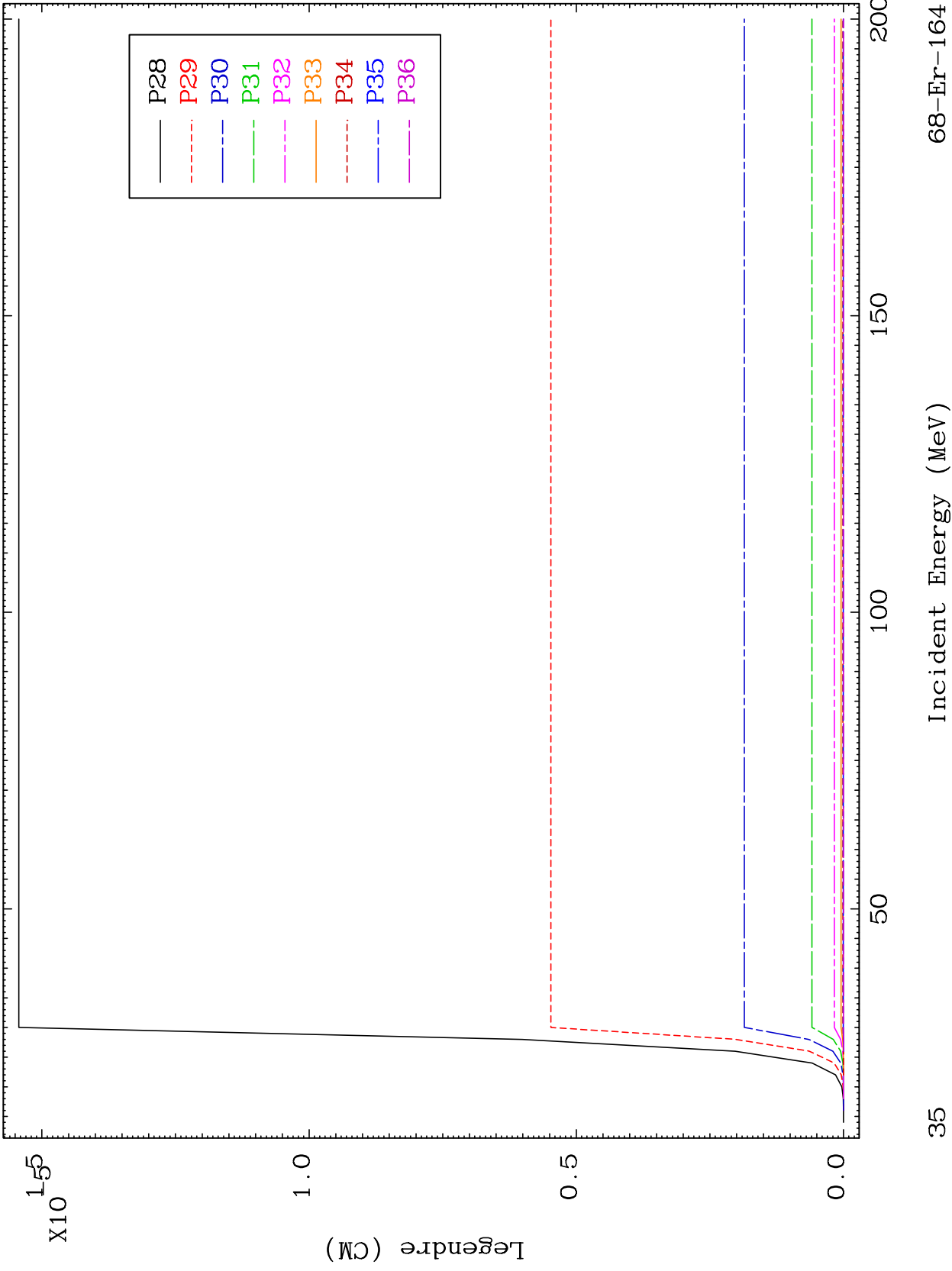
Incident Energy (MeV)

68-Er-164

MAT 6831

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

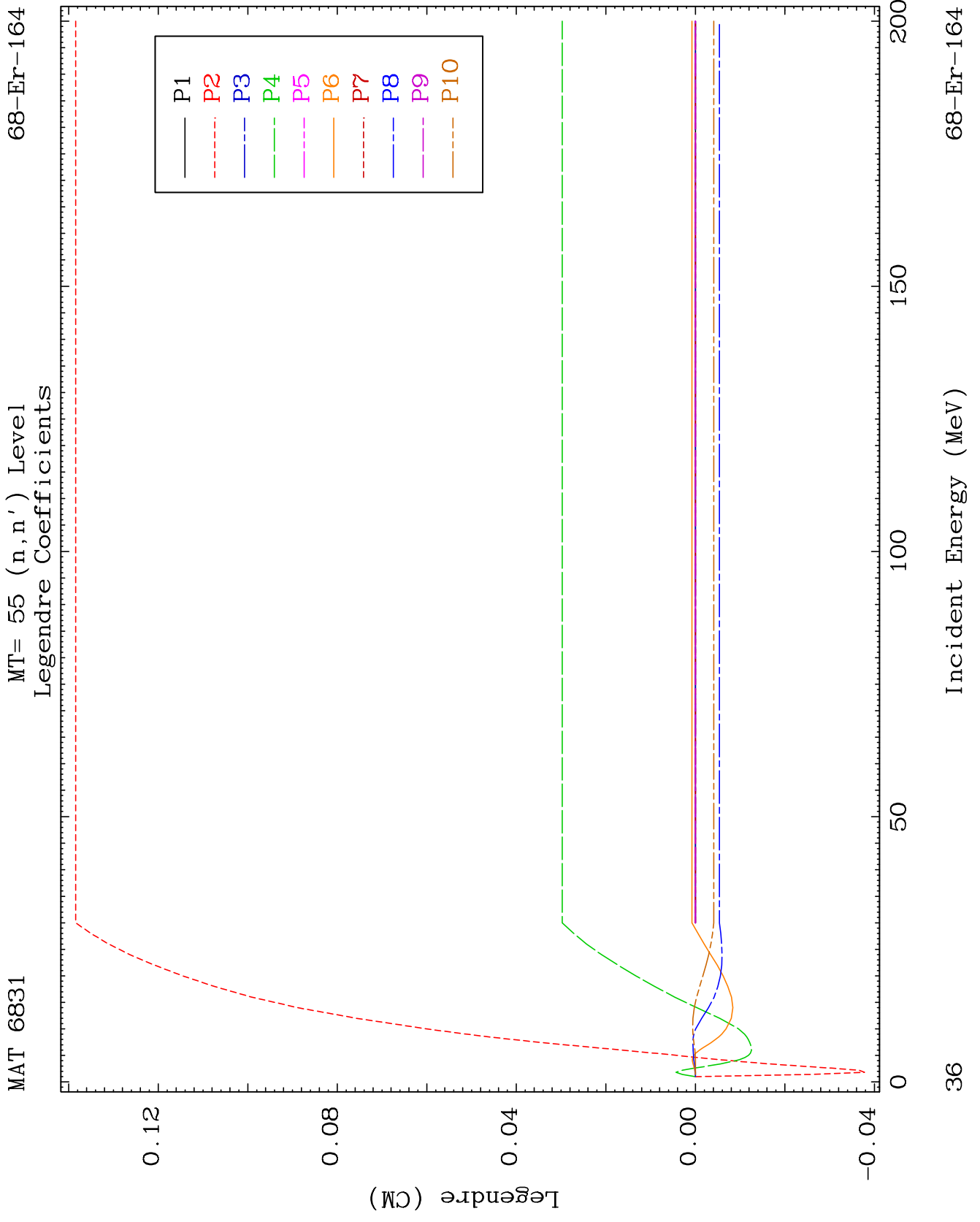
68-Er-164



35

Incident Energy (MeV)

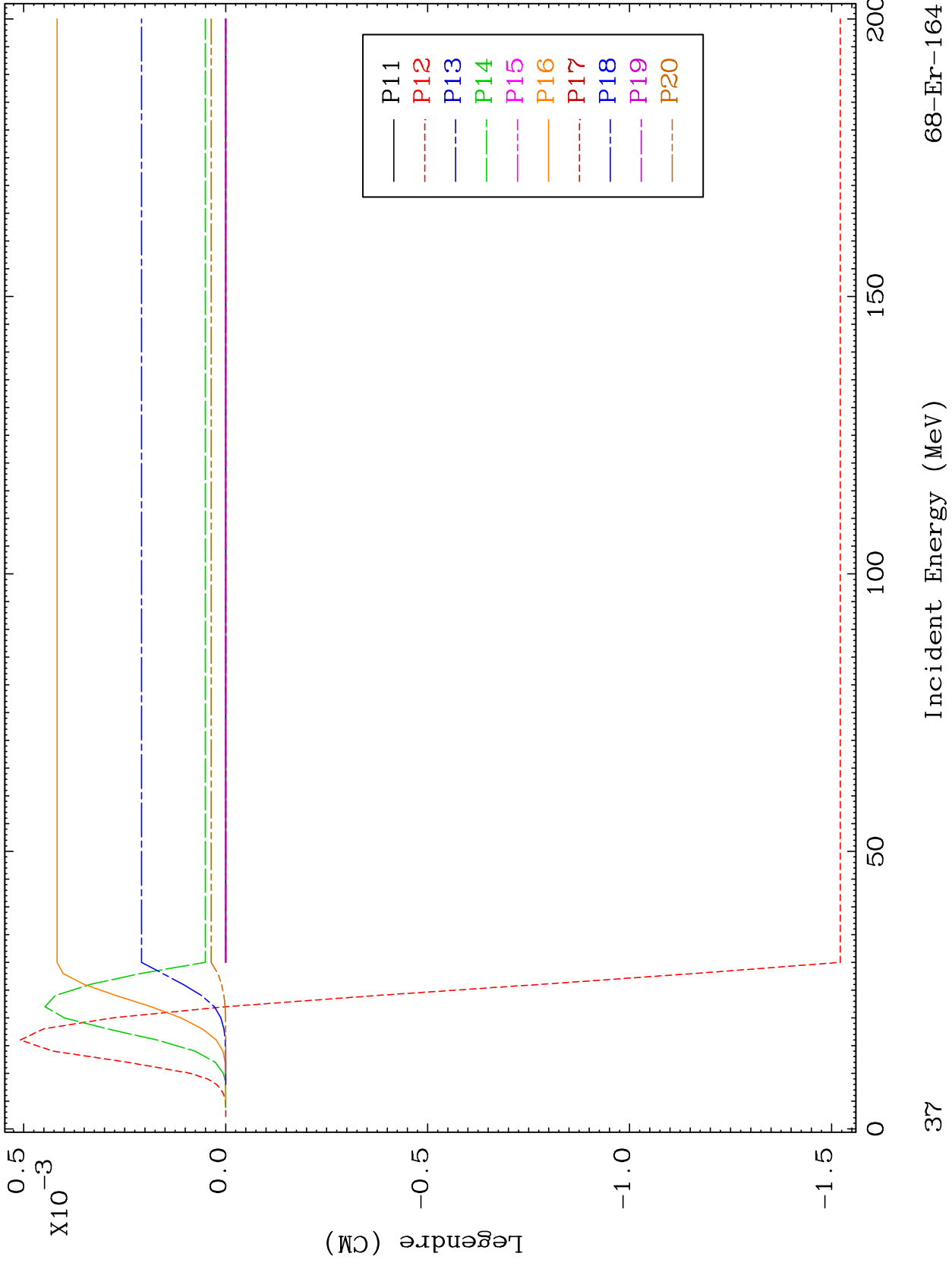
68-Er-164



MAT 6831

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

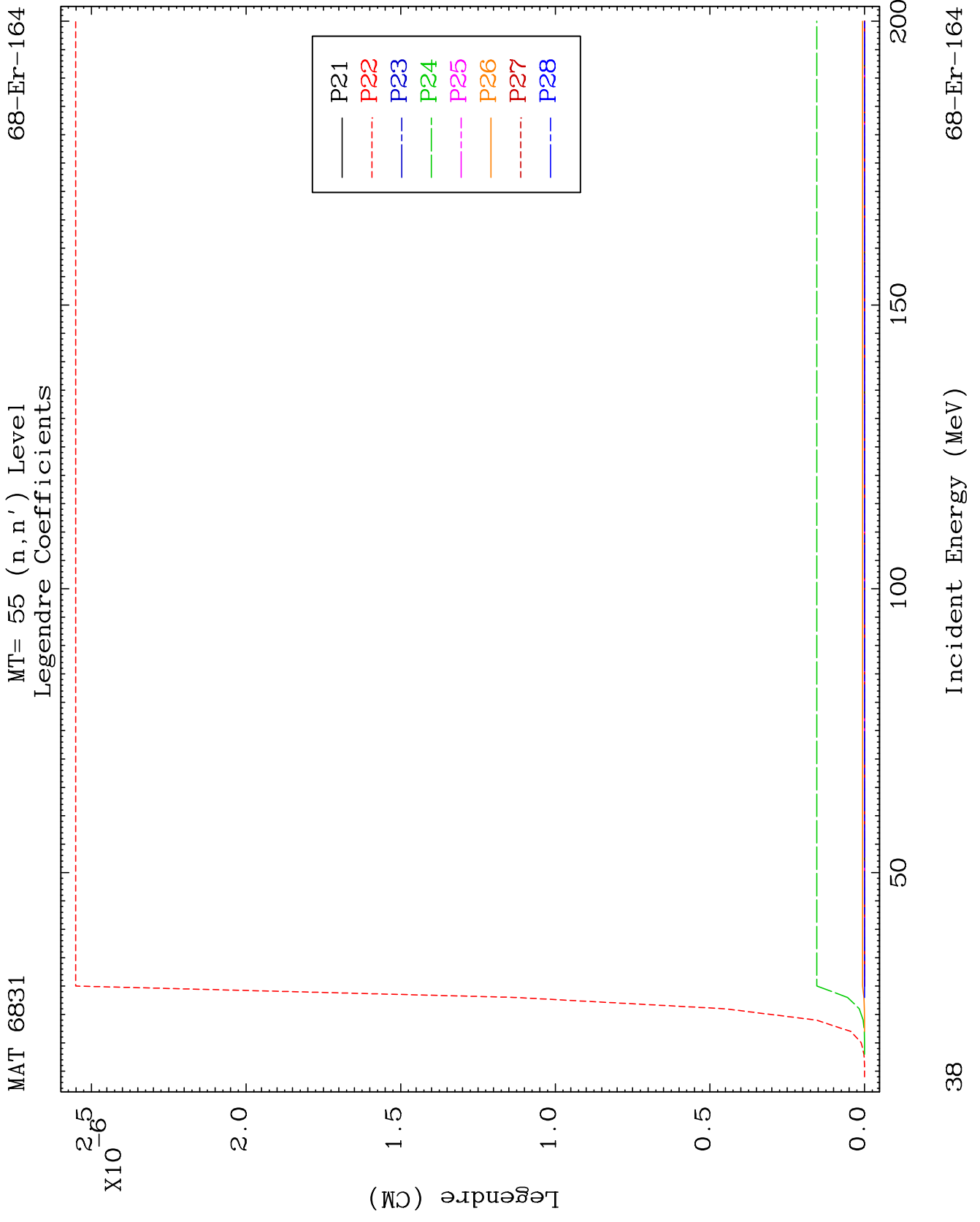
68-Er-164



37

Incident Energy (MeV)

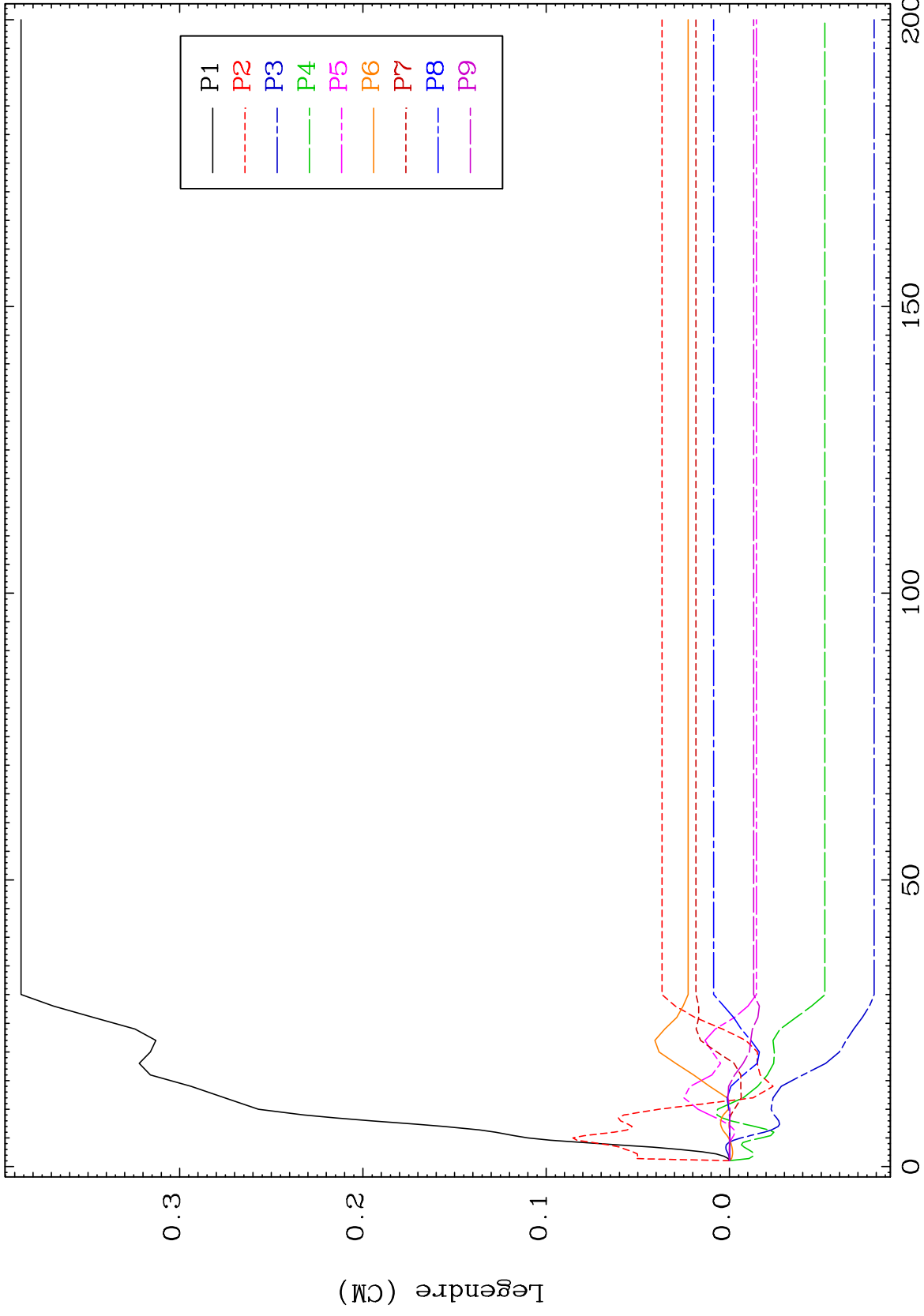
68-Er-164



MAT 6831

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

68-Er-164



39

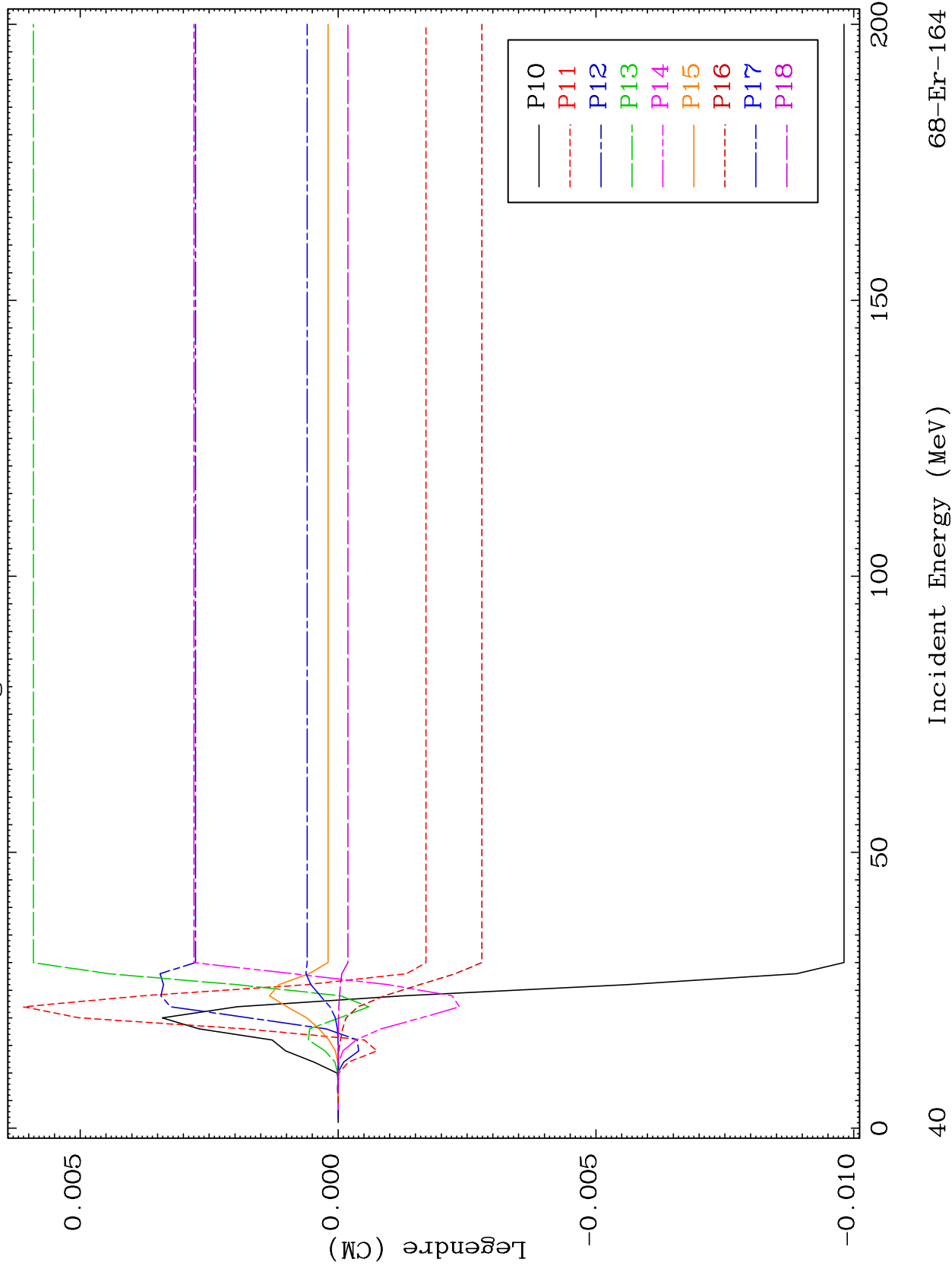
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



68-Er-164

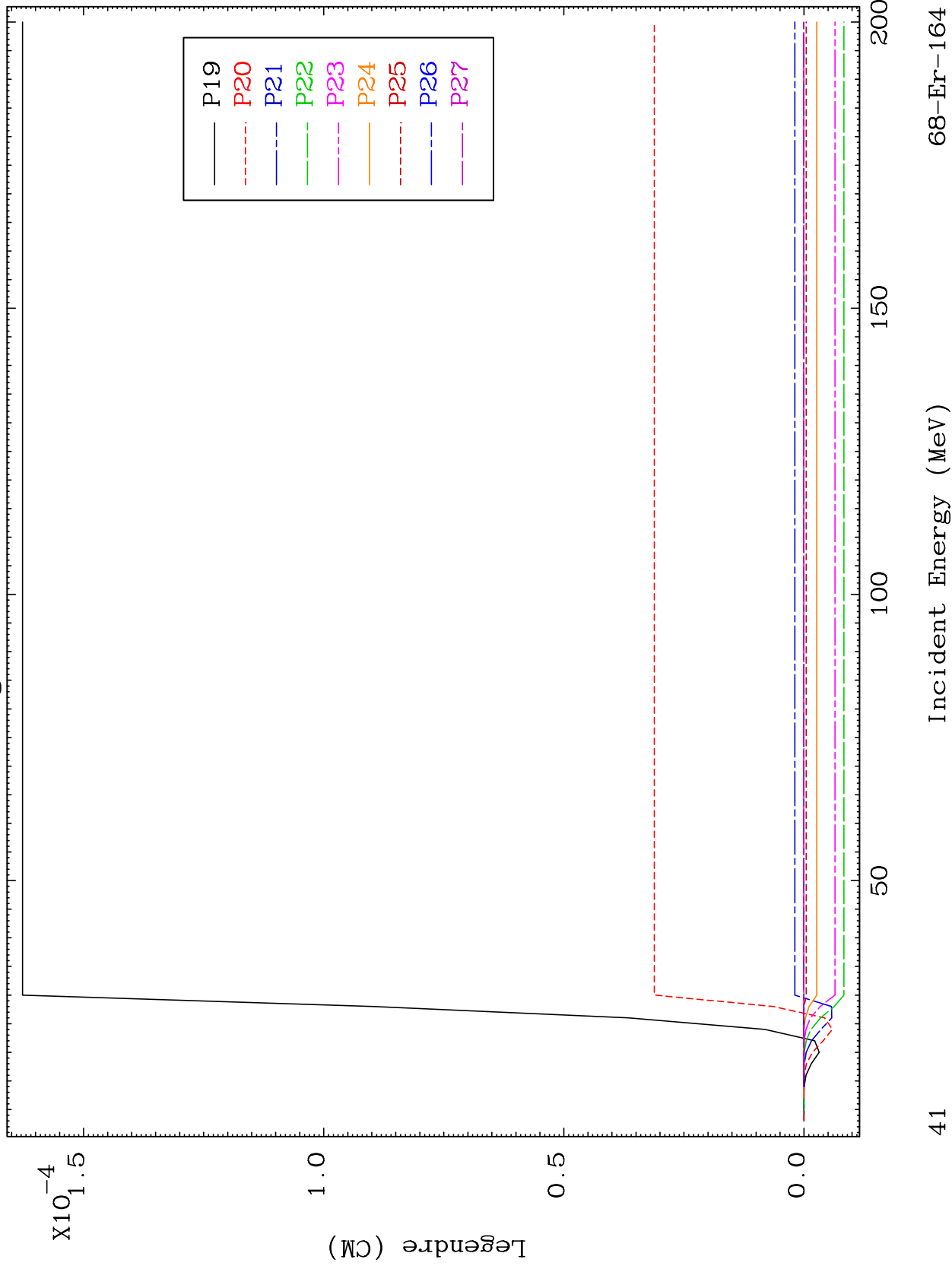
Incident Energy (MeV)

40

MAT 6831

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

68-Er-164



41

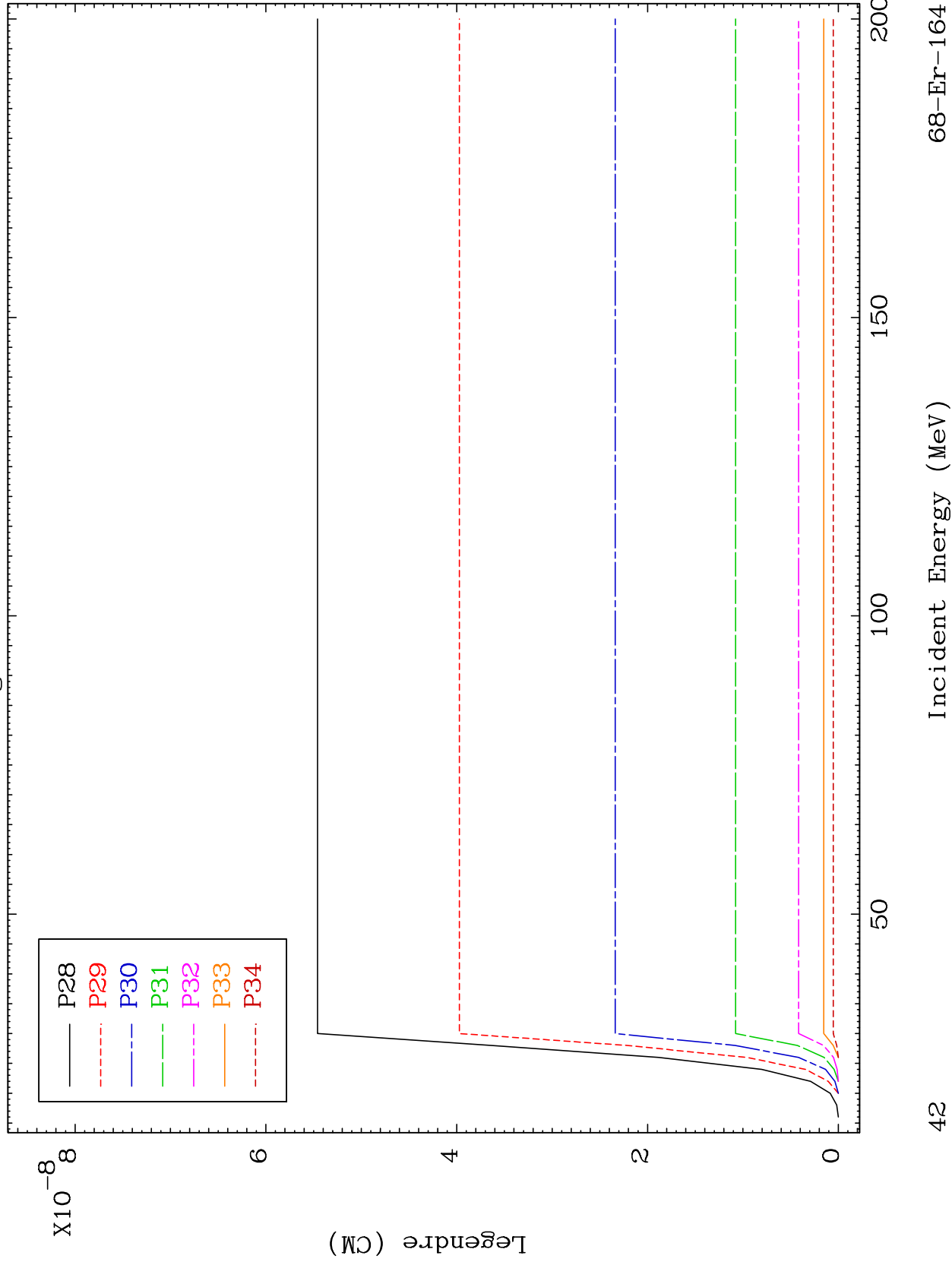
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



42

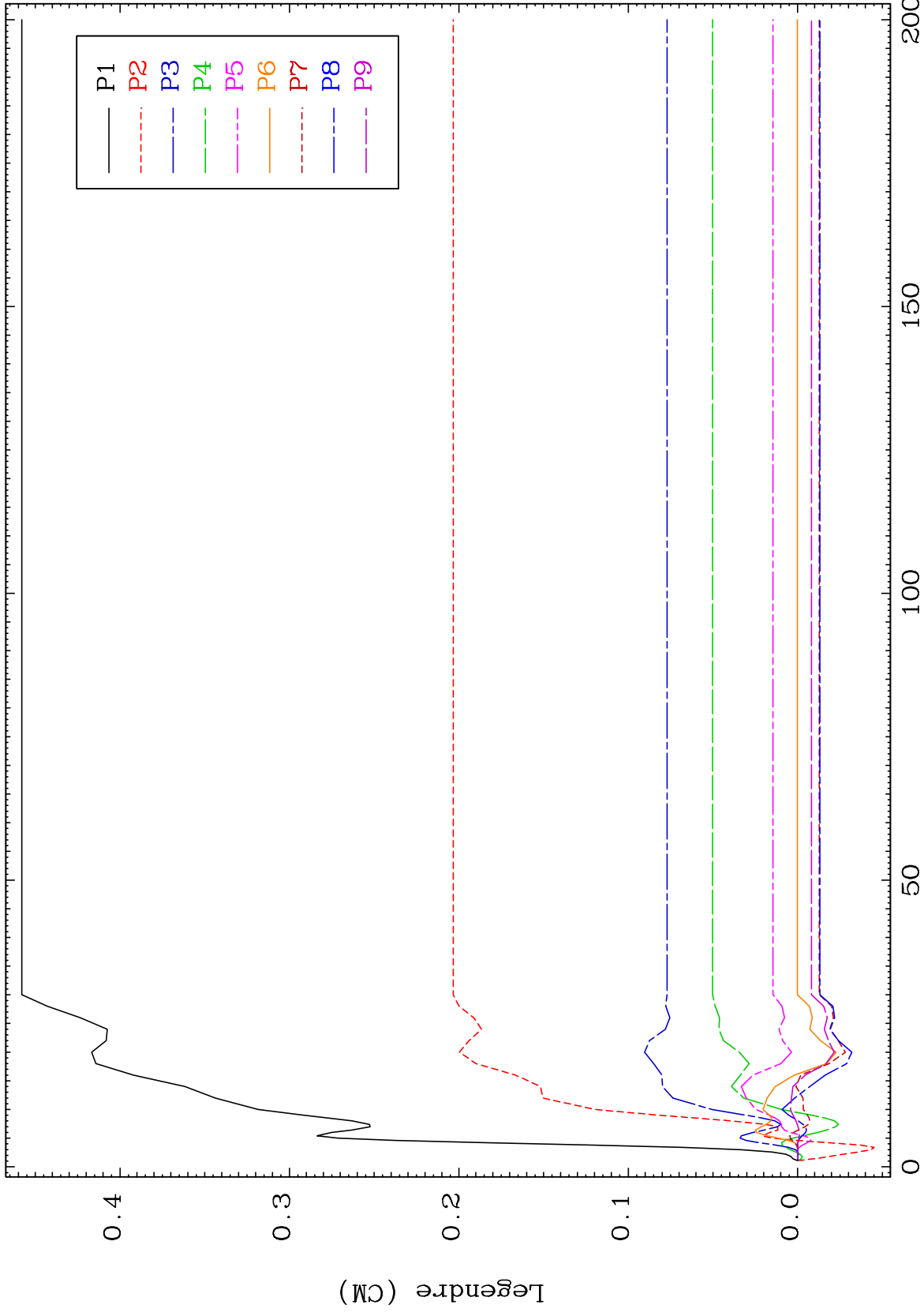
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



43

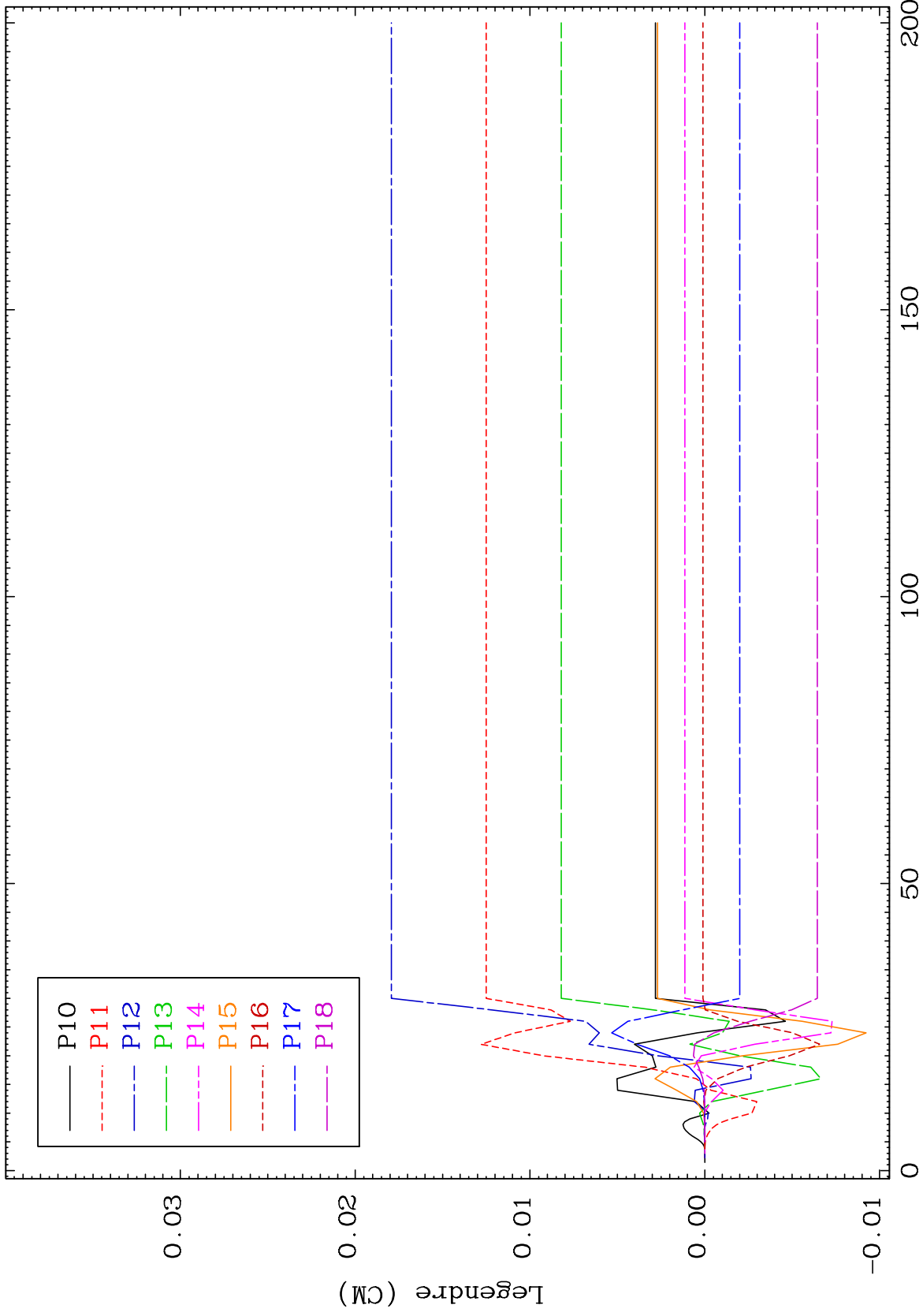
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



44

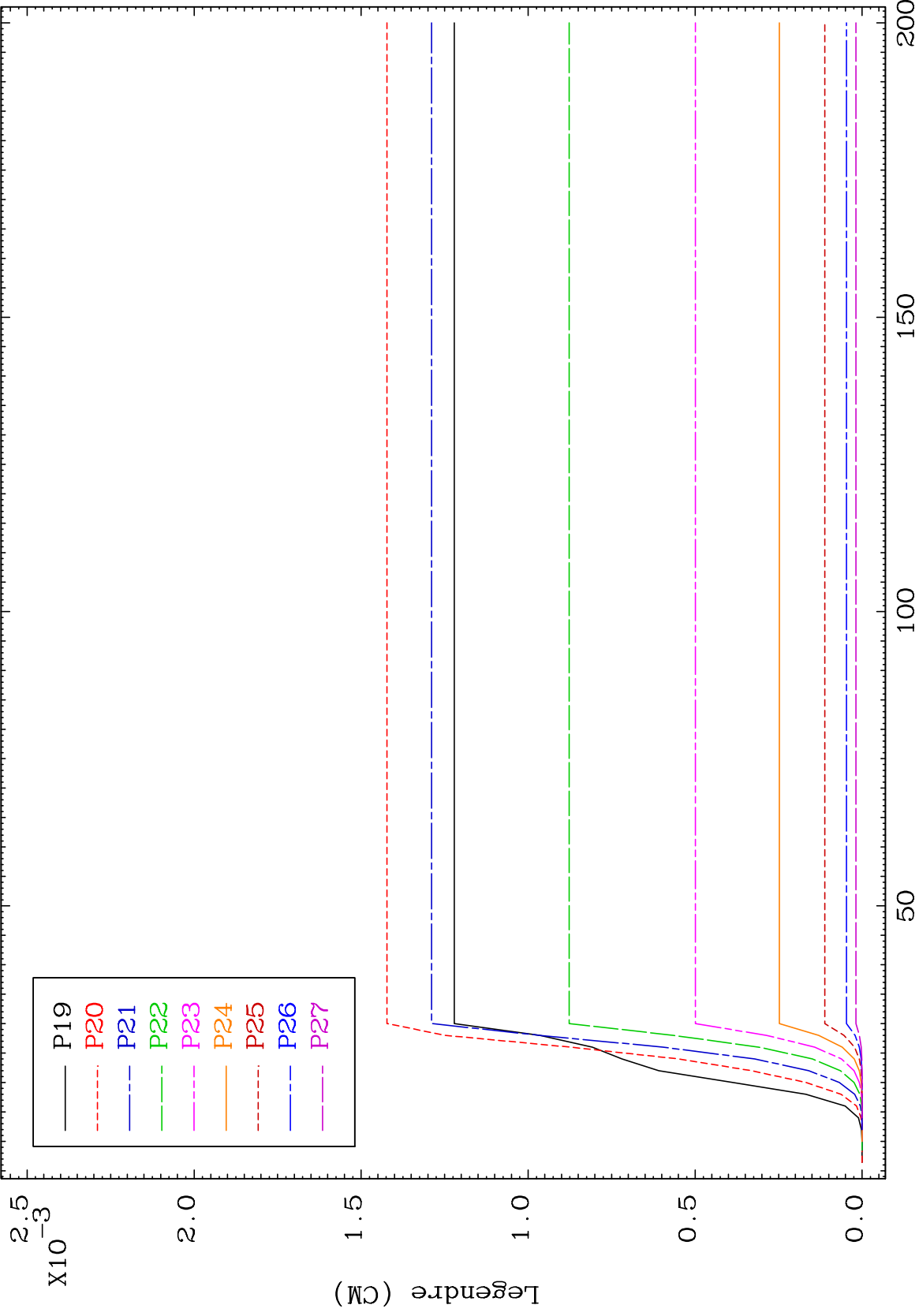
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



45

Incident Energy (MeV)

50

100

150

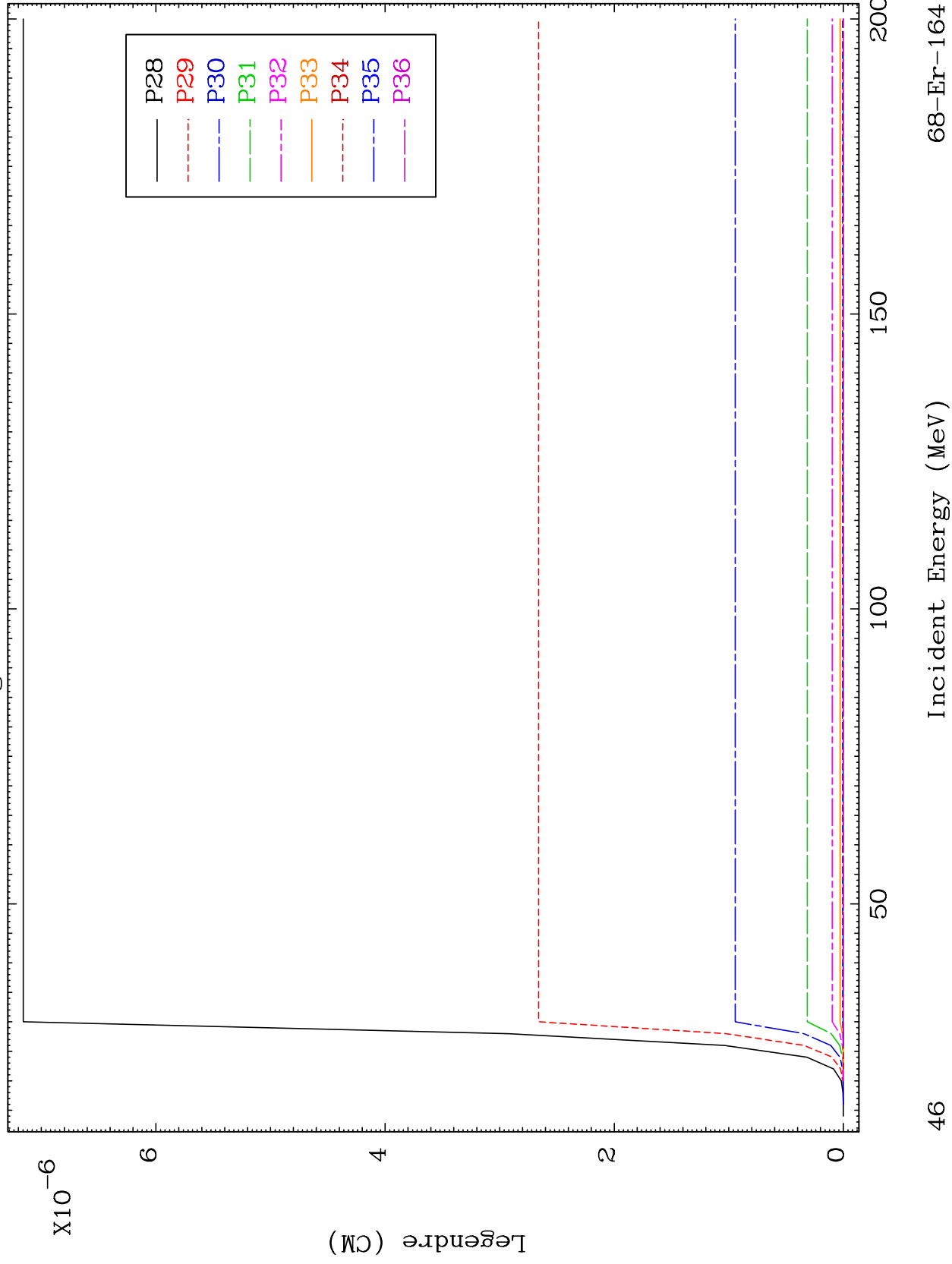
200

68-Er-164

MAT 6831

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

68-Er-164



46

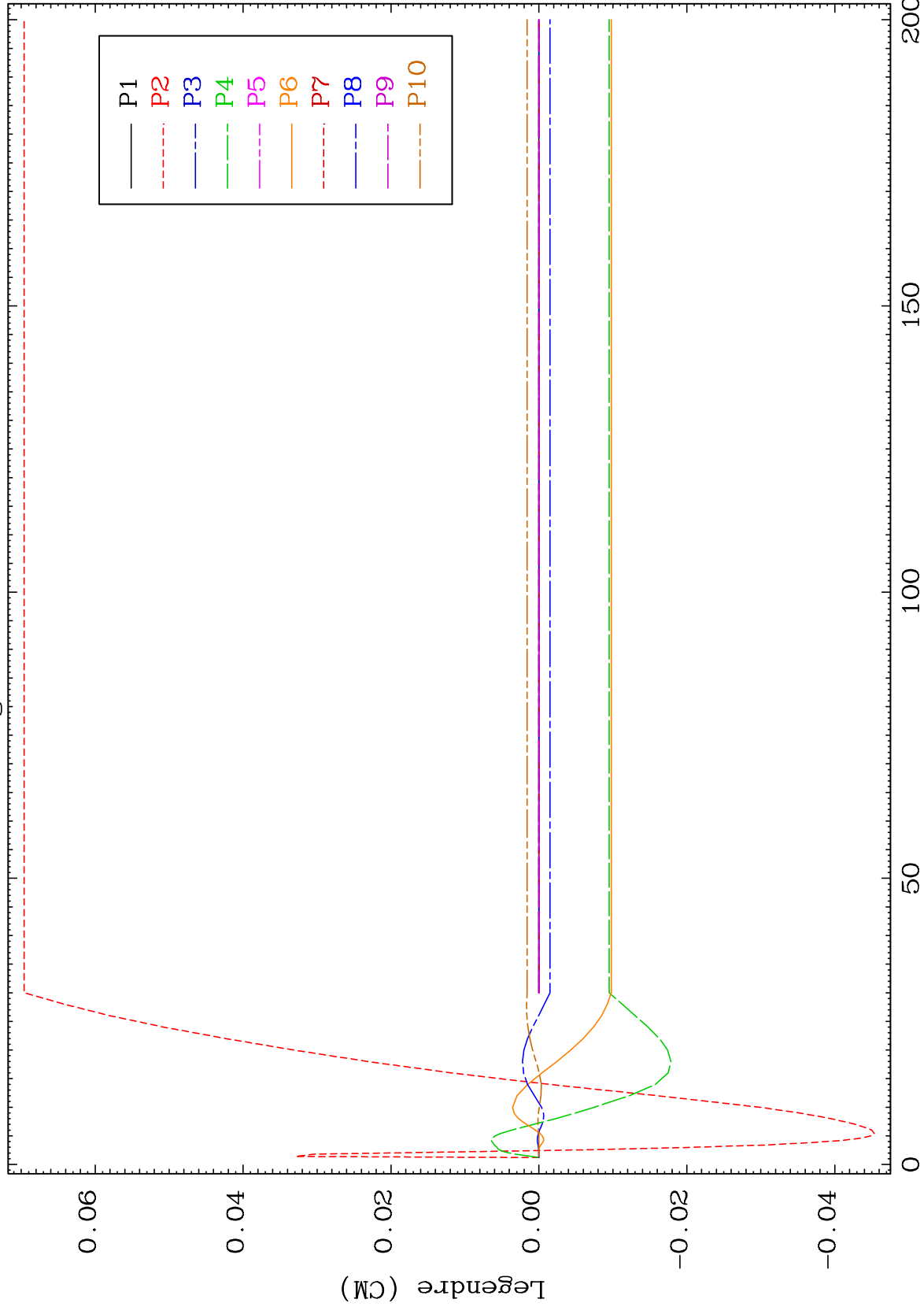
Incident Energy (MeV)

68-Er-164

MAT 6831

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

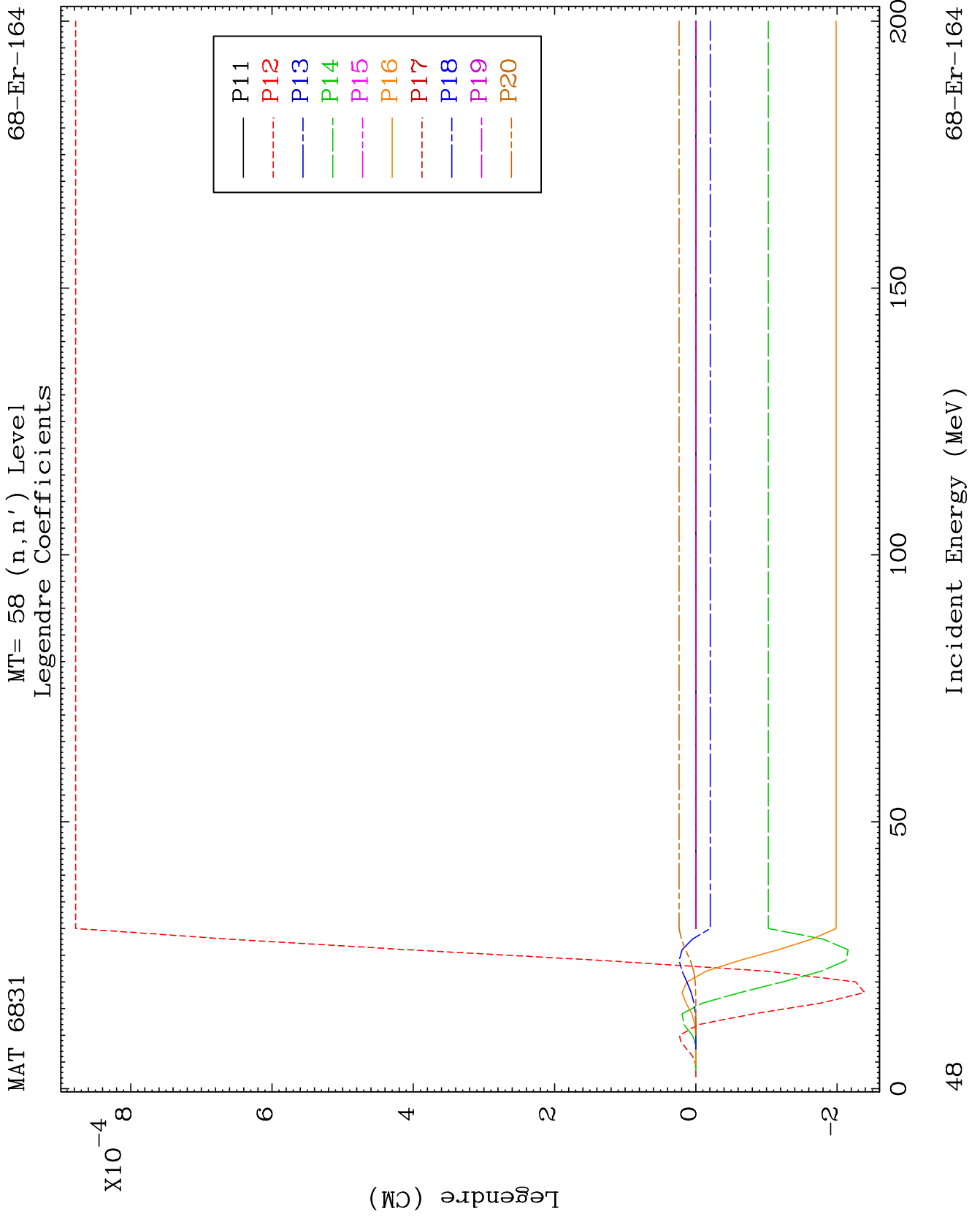
68-Er-164

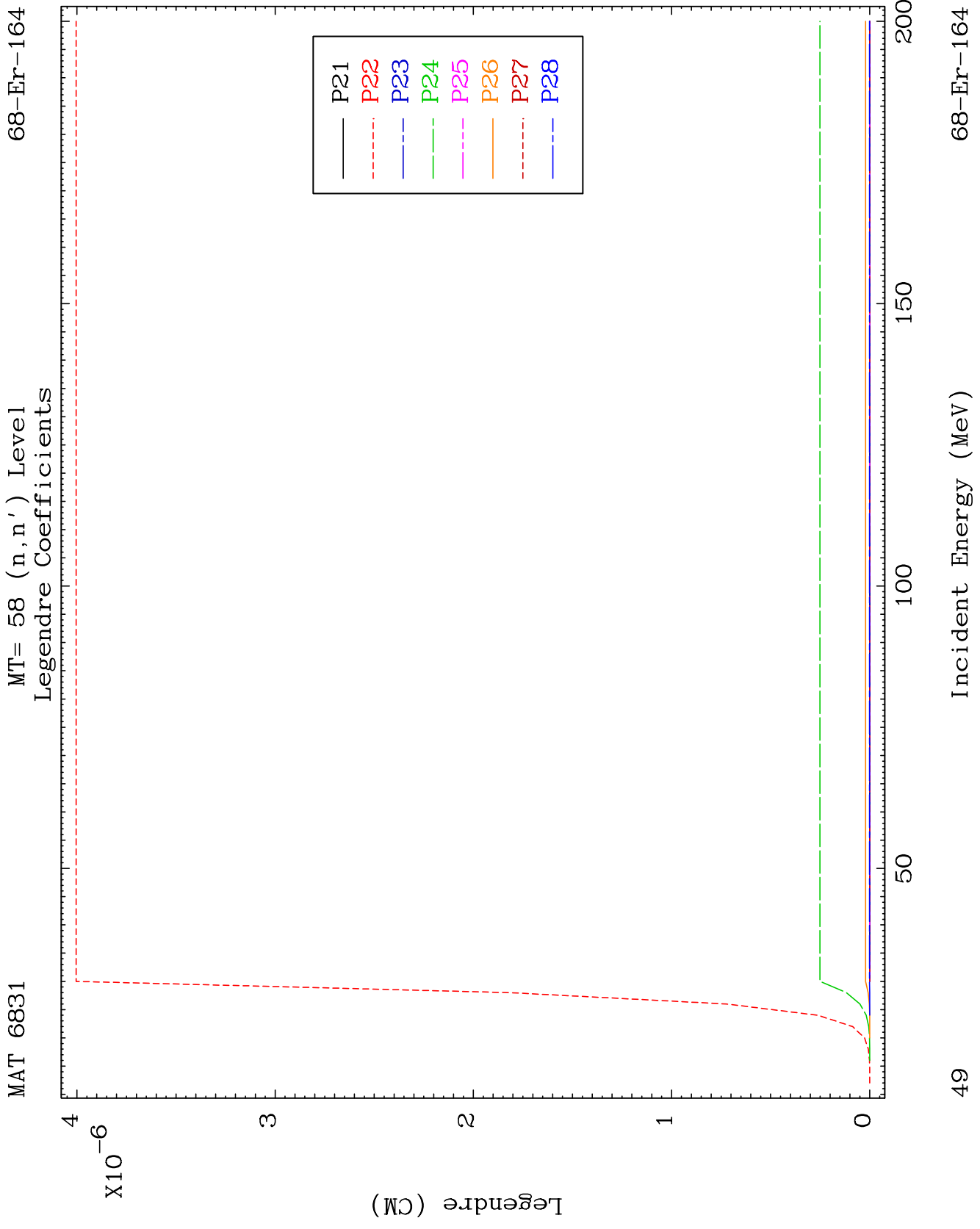


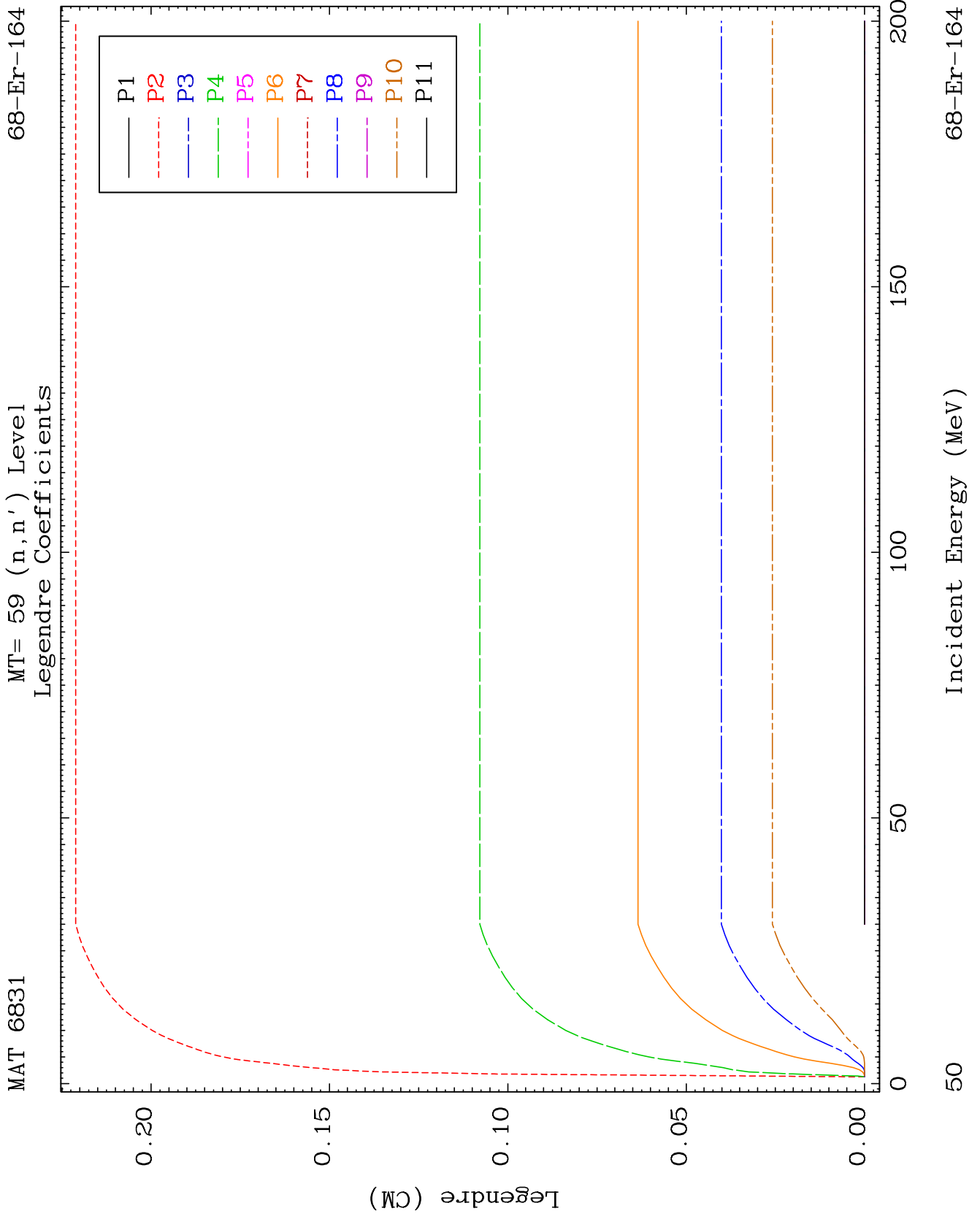
47

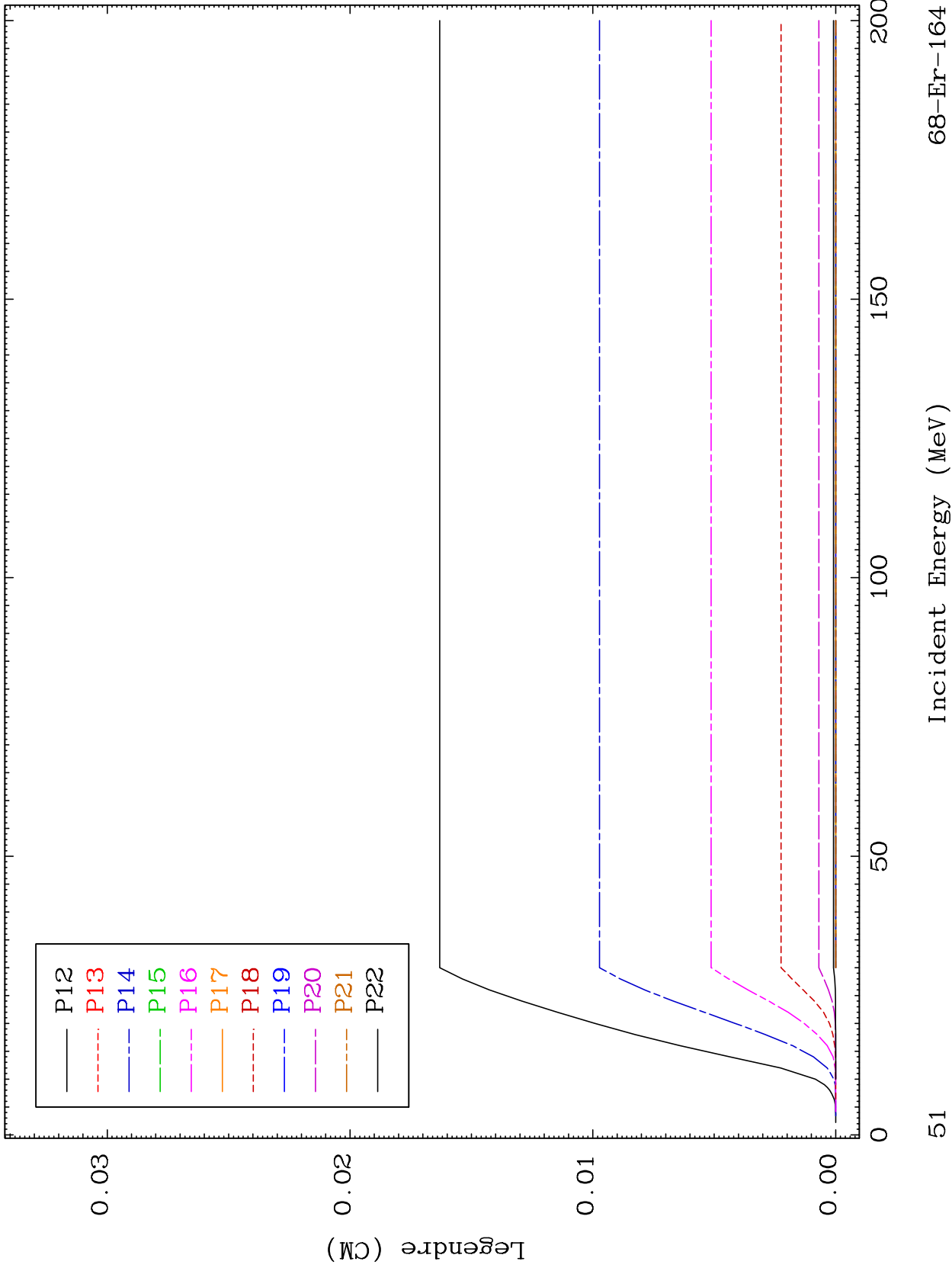
Incident Energy (MeV)

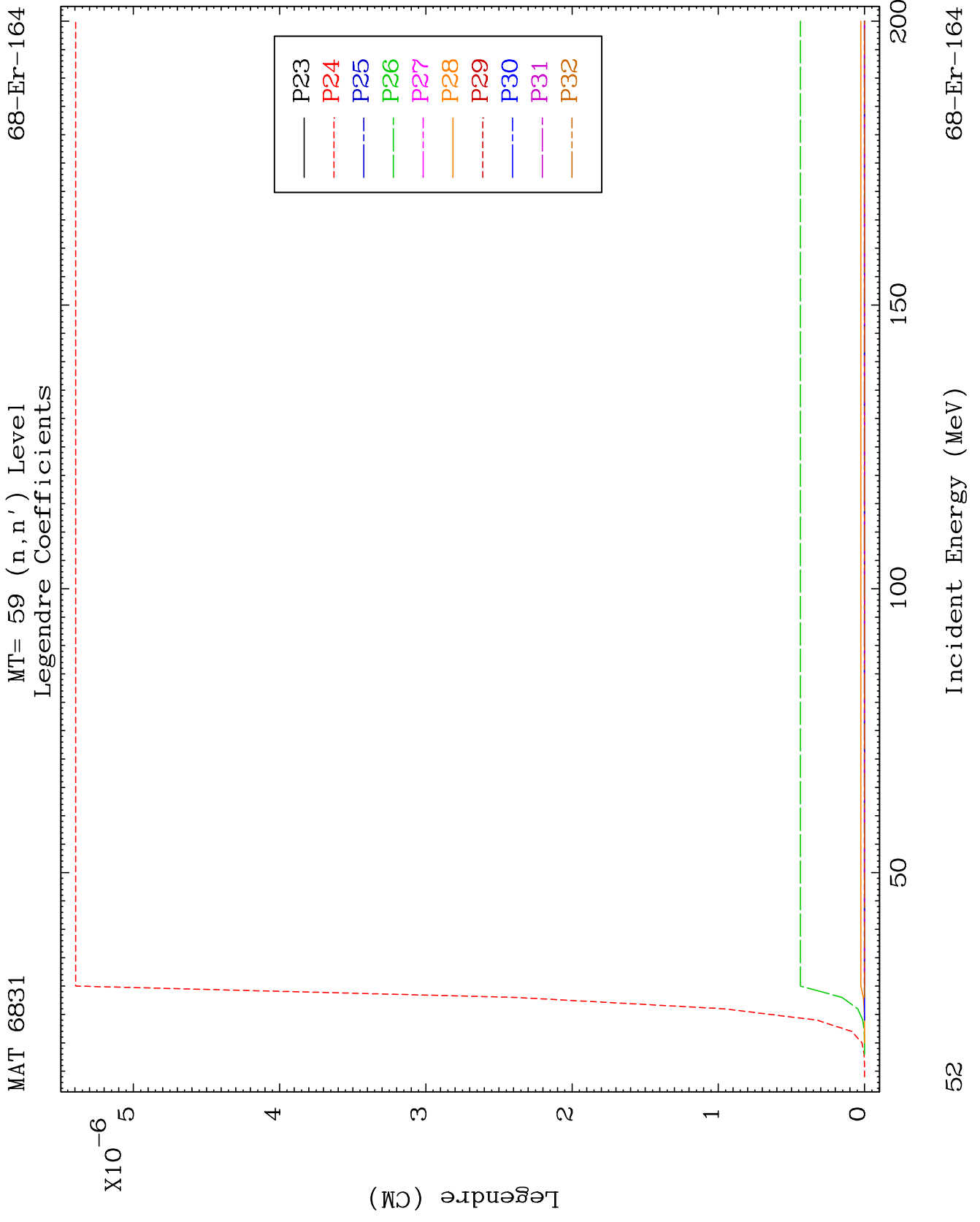
68-Er-164







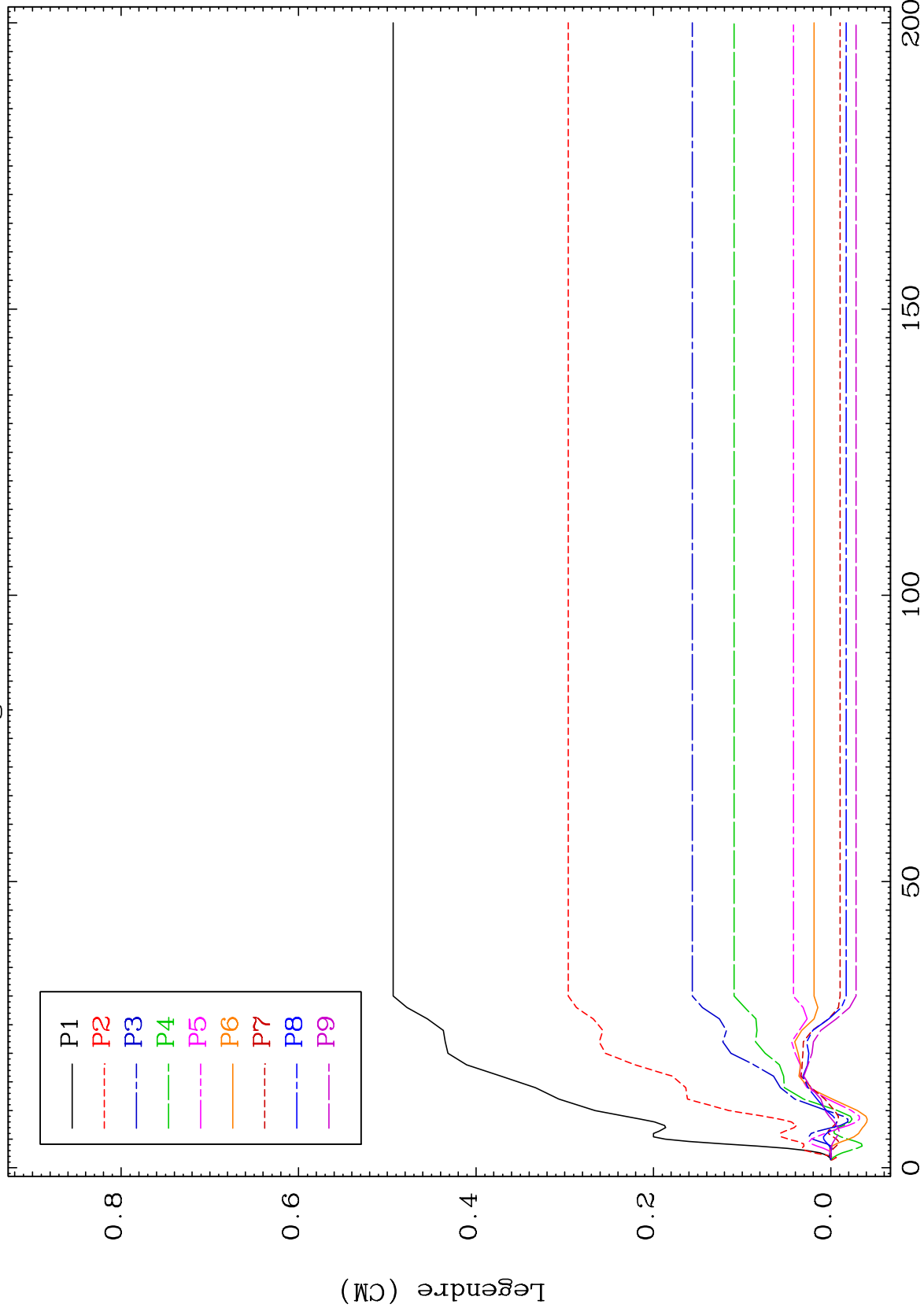




MAT 6831

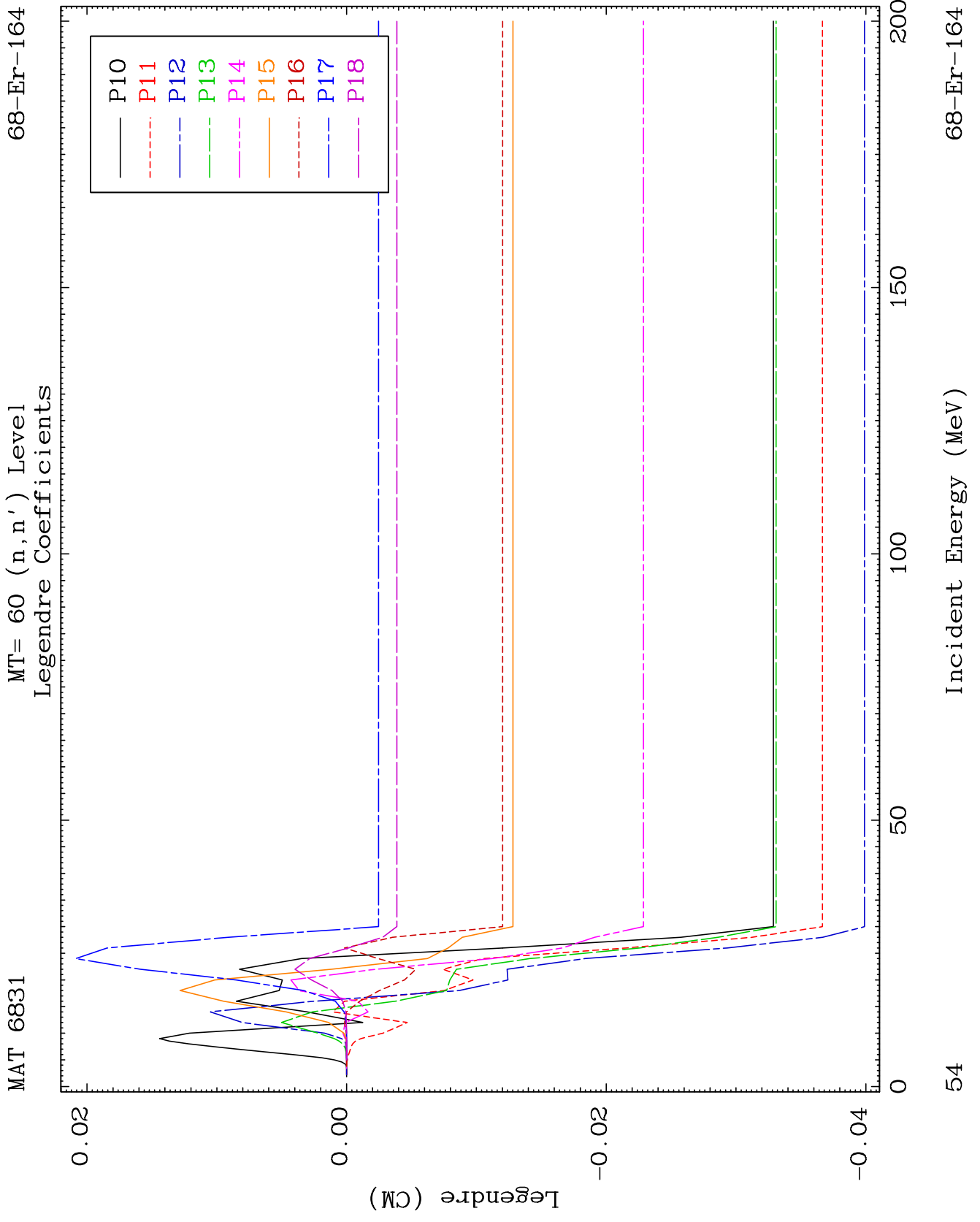
MT= 60 (n,n') Level
Legendre Coefficients

68-Er-164



53

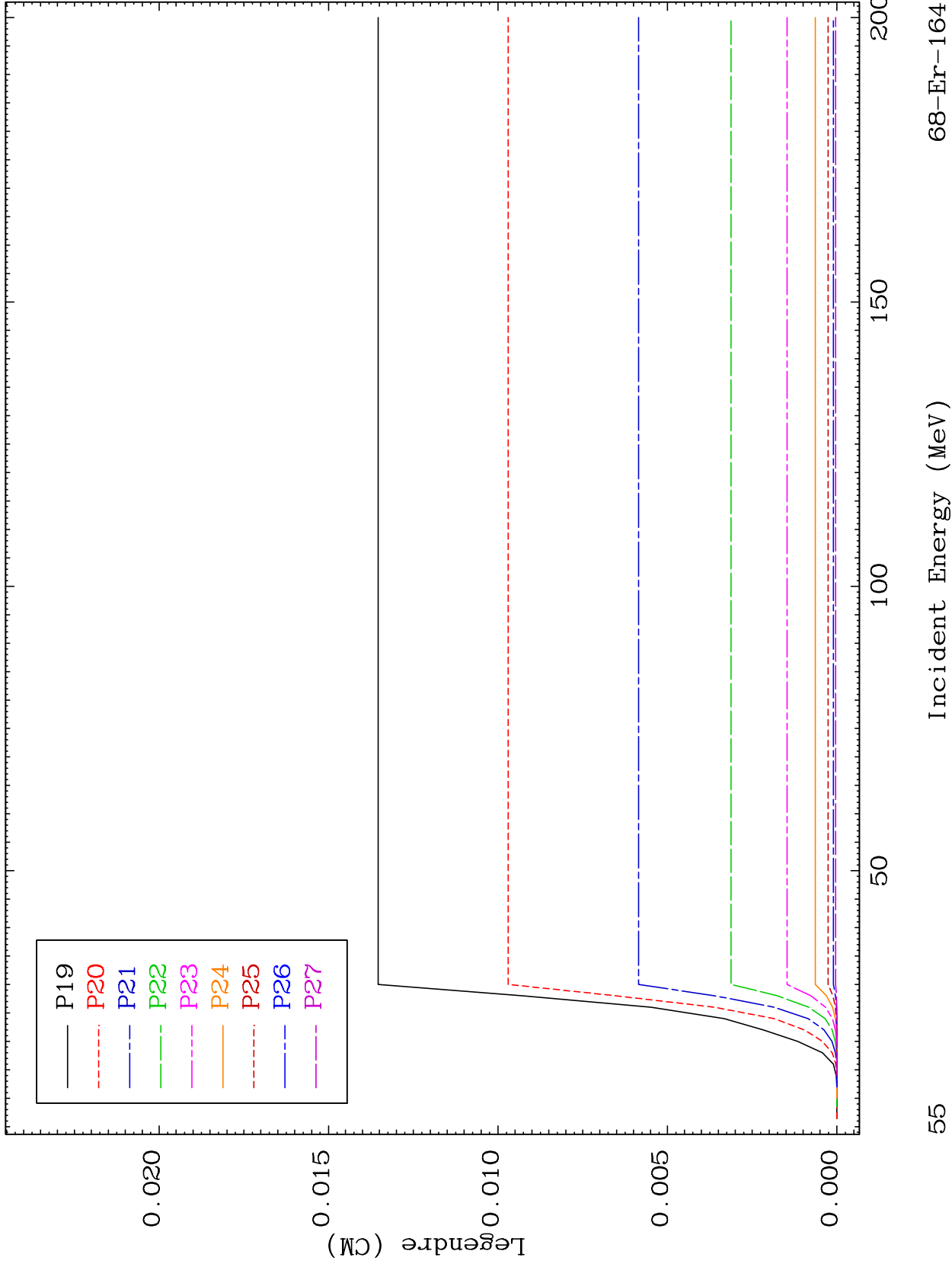
68-Er-164



MAT 6831

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

68-Er-164



55

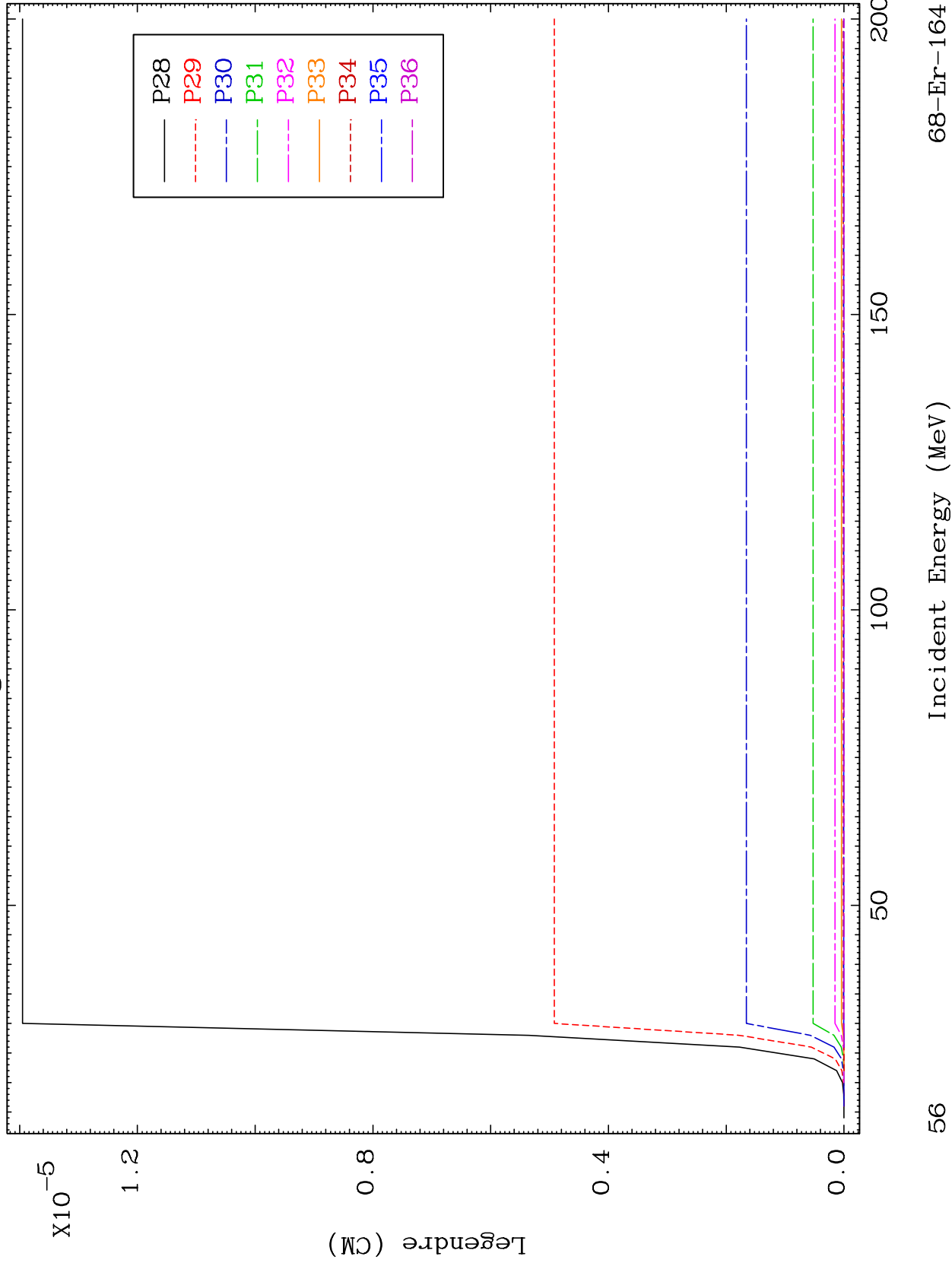
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



56

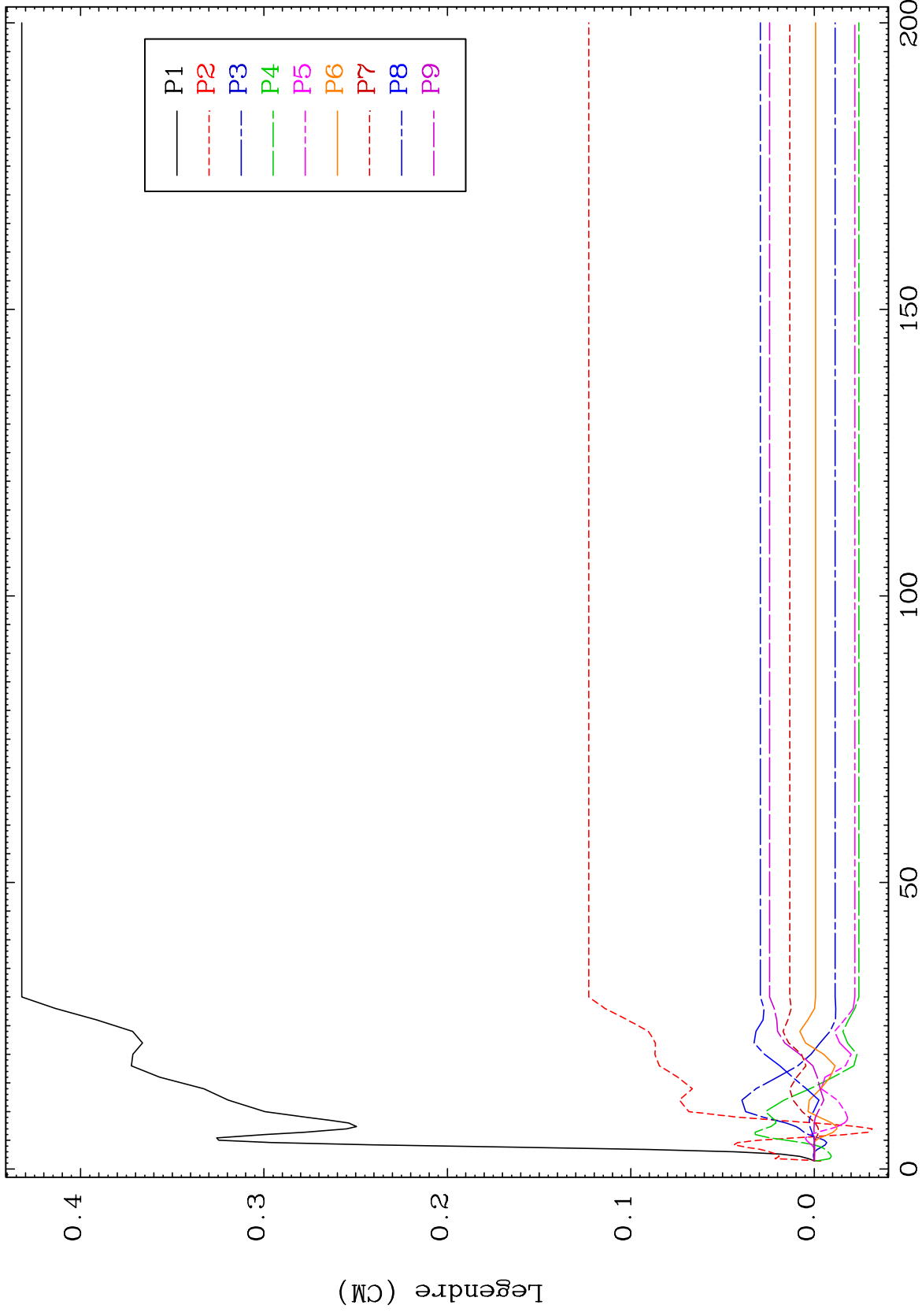
Incident Energy (MeV)

68-Er-164

MAT 6831

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

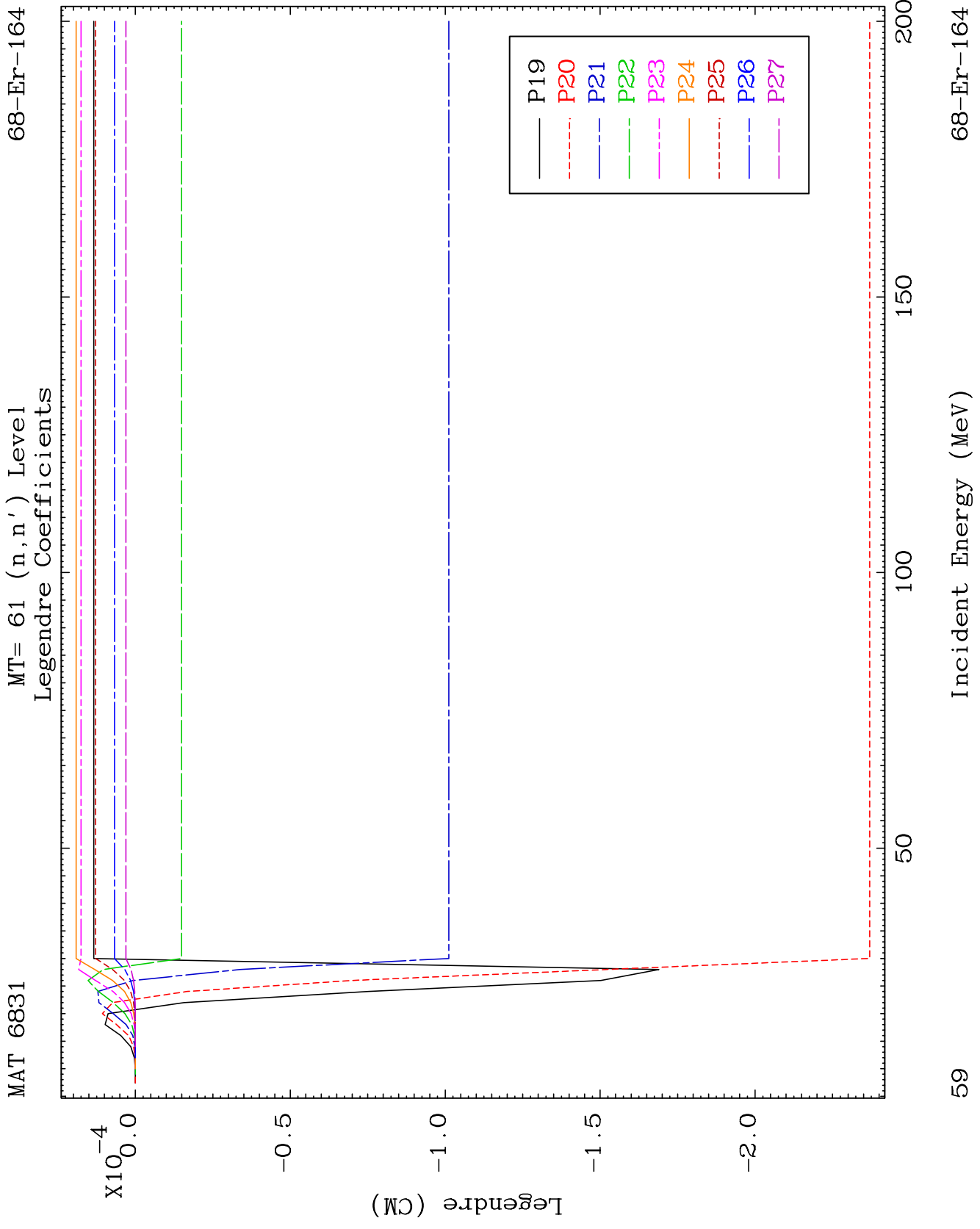
68-Er-164



57

Incident Energy (MeV)

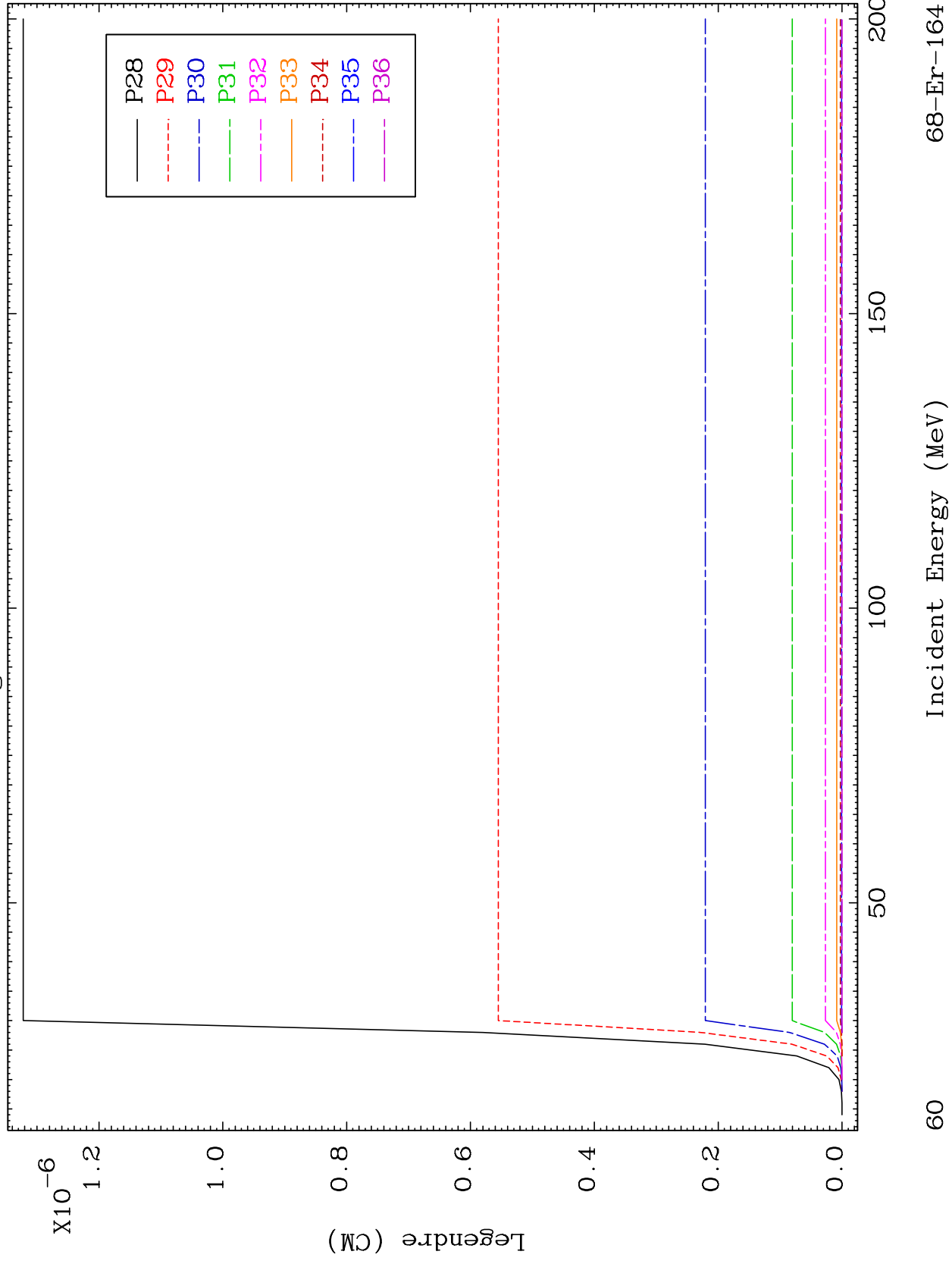
68-Er-164



MAT 6831

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

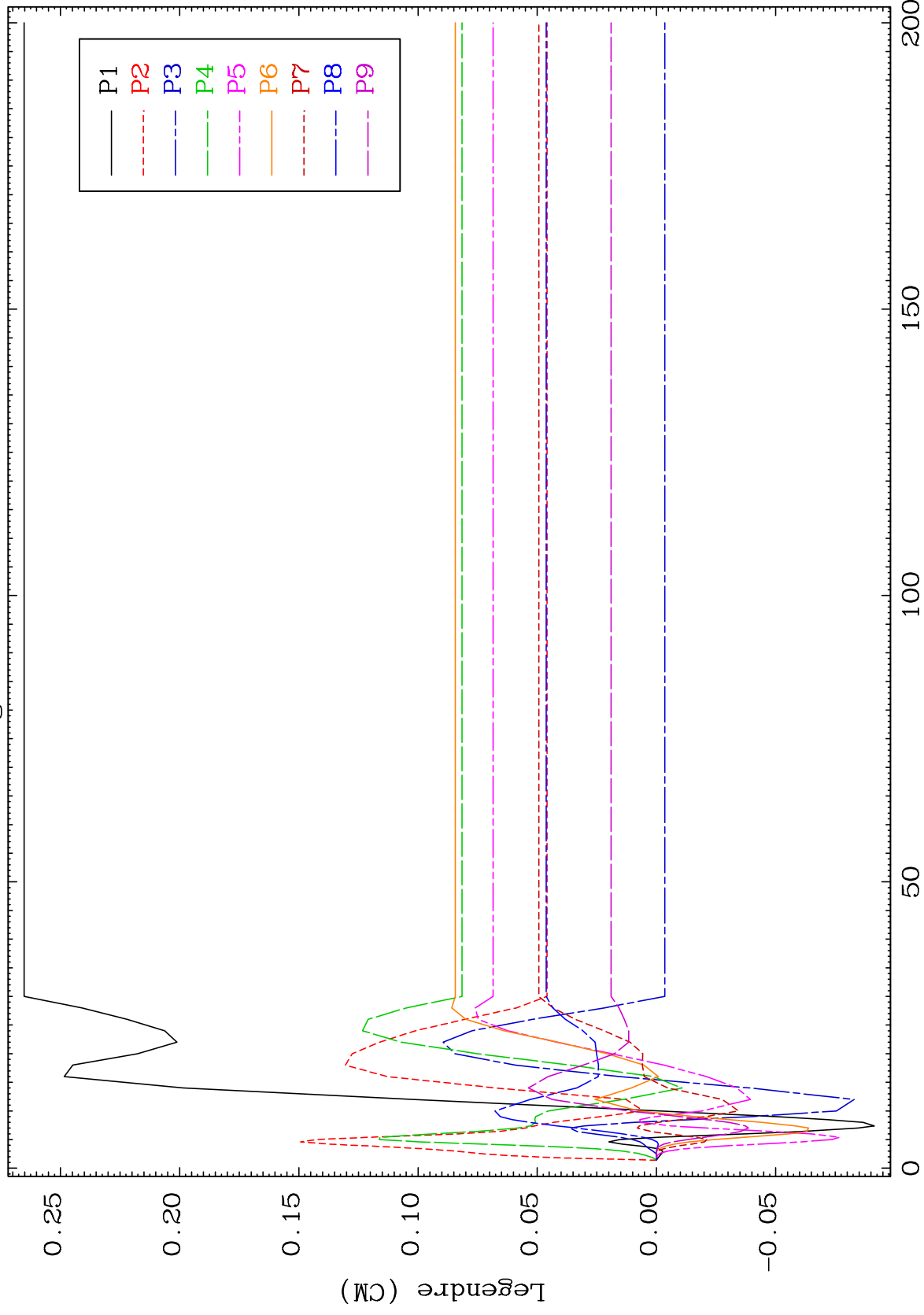
68-Er-164



MAT 6831

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

68-Er-164



61

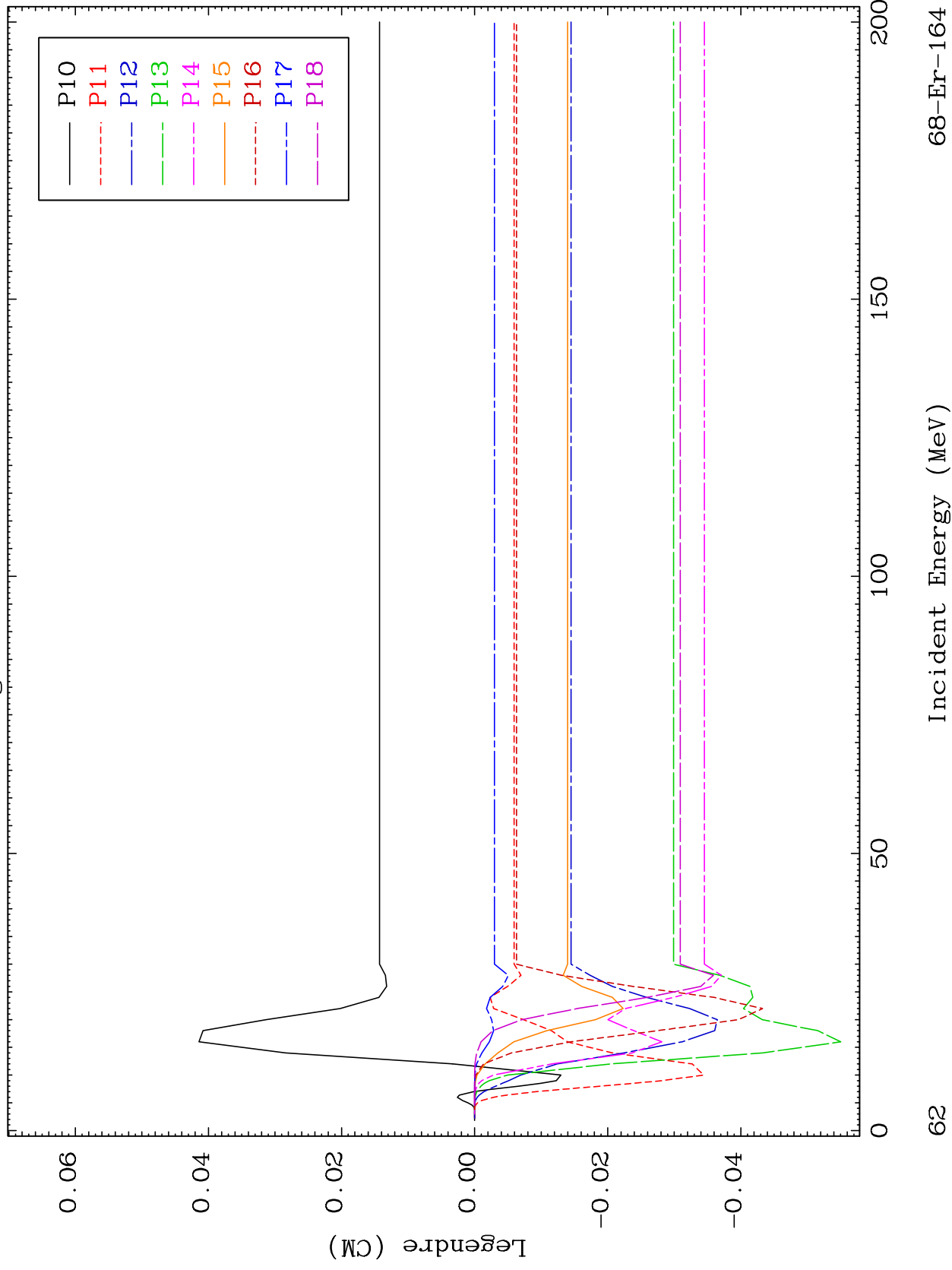
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



68-Er-164

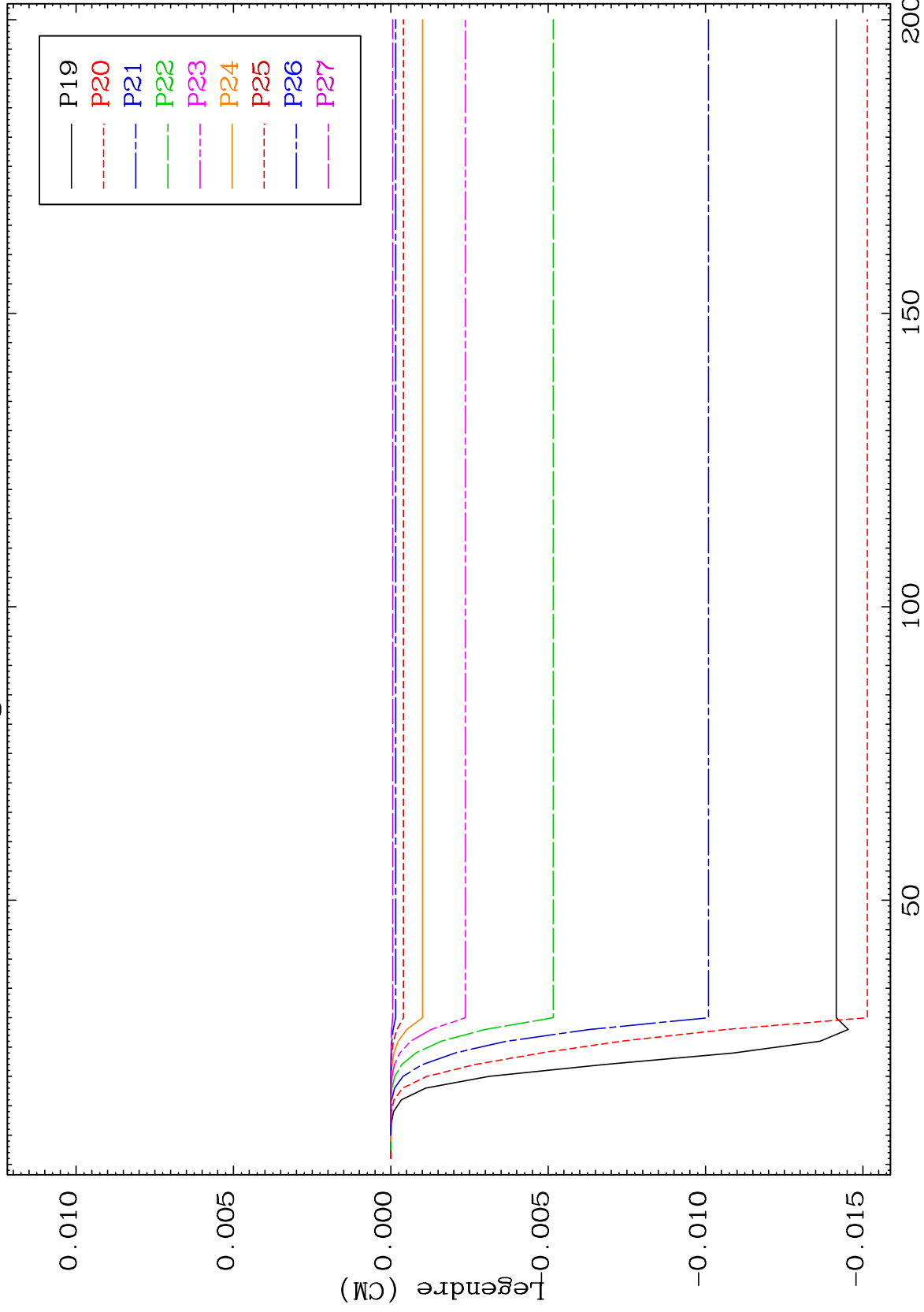
Incident Energy (MeV)

62

MAT 6831

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

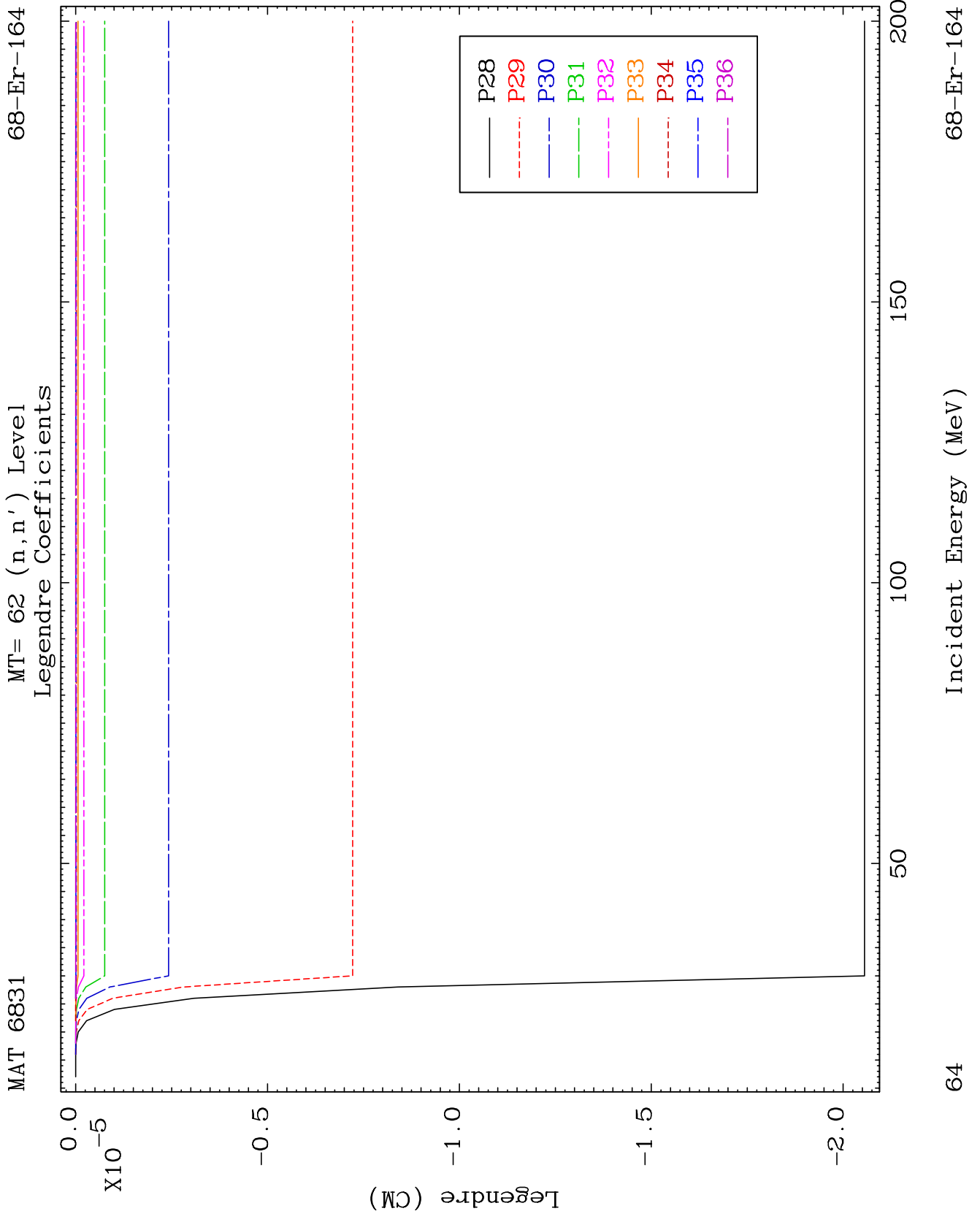
68-Er-164

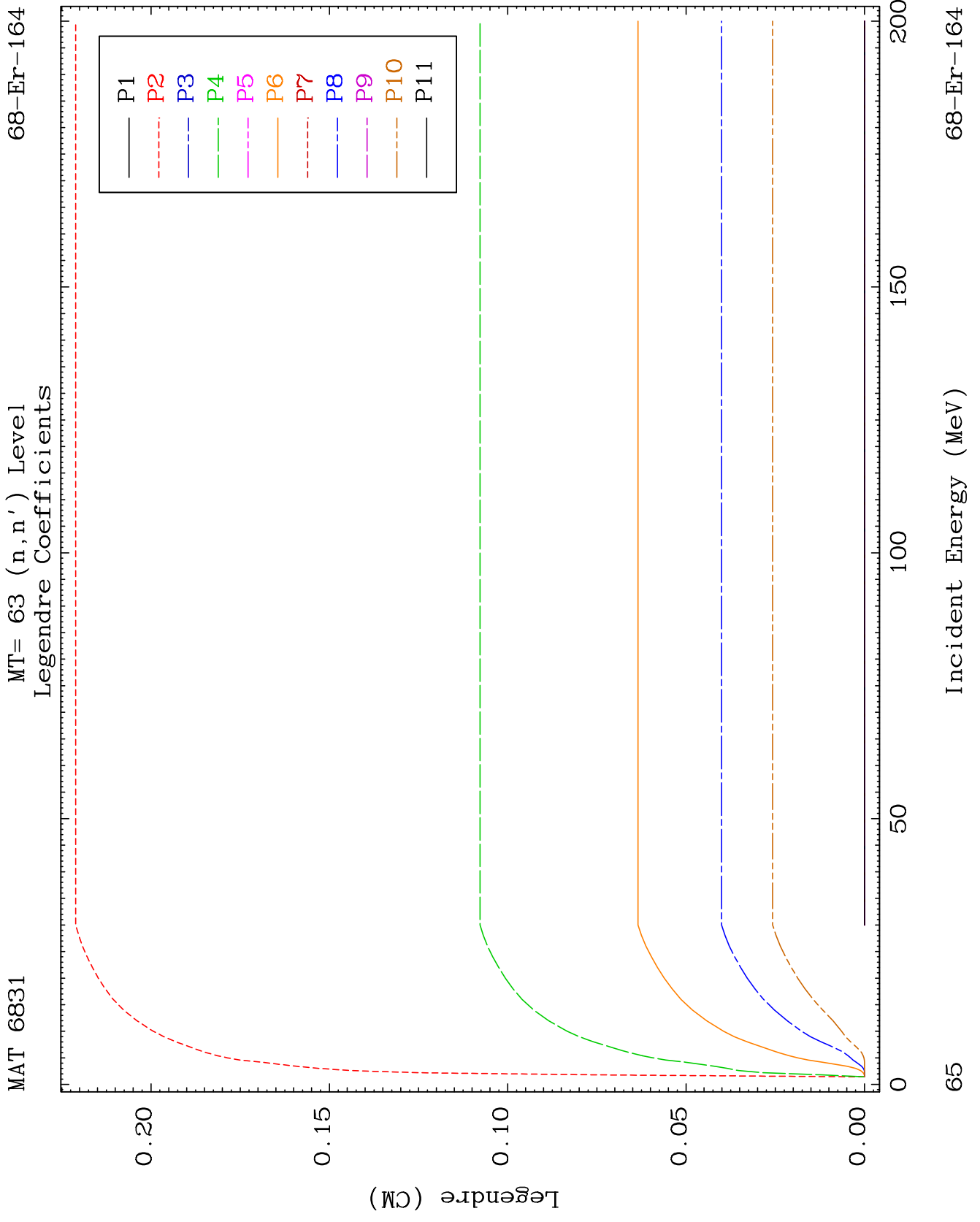


68

Incident Energy (MeV)

68-Er-164

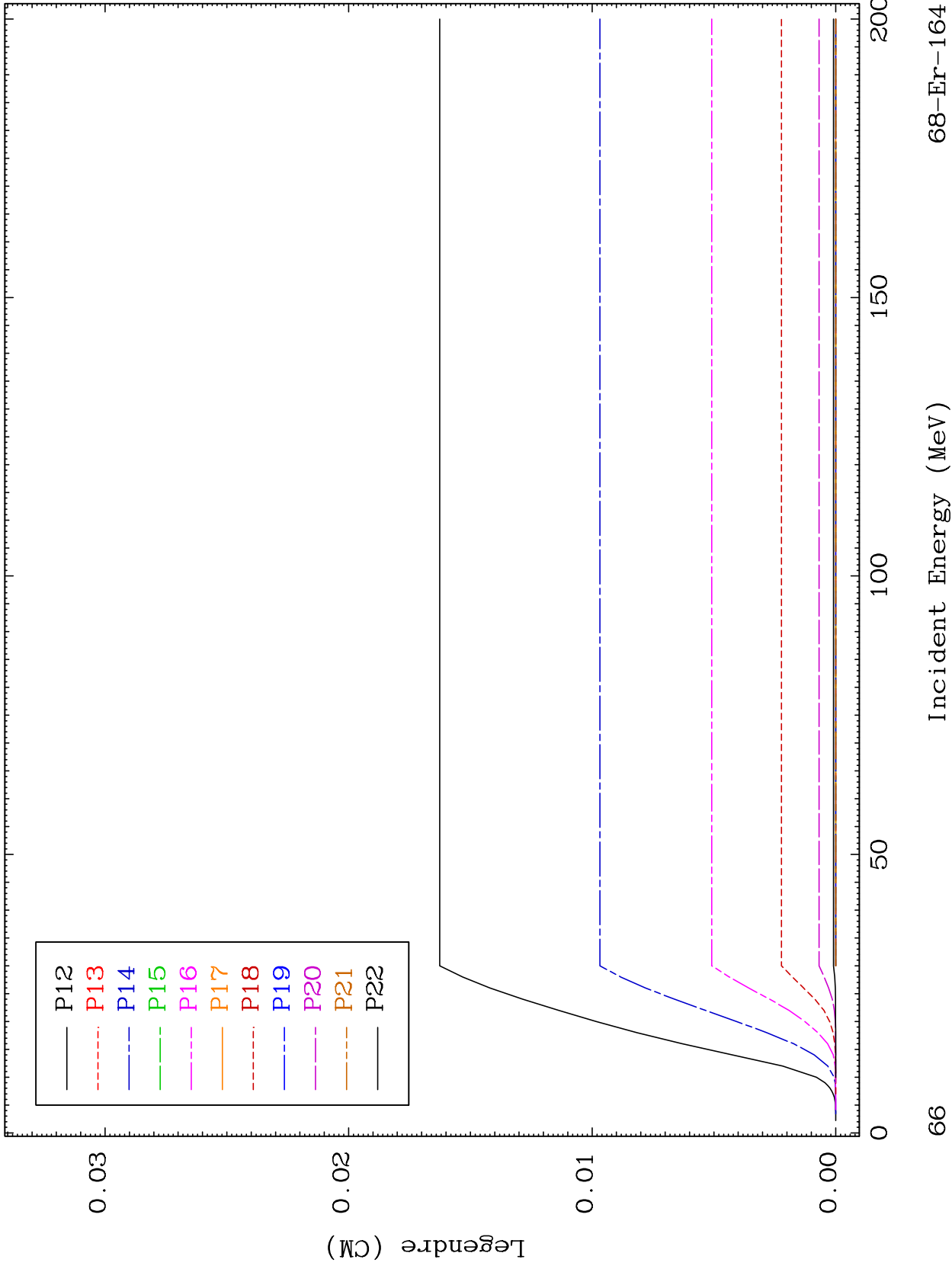




MAT 6831

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

68-Er-164



66

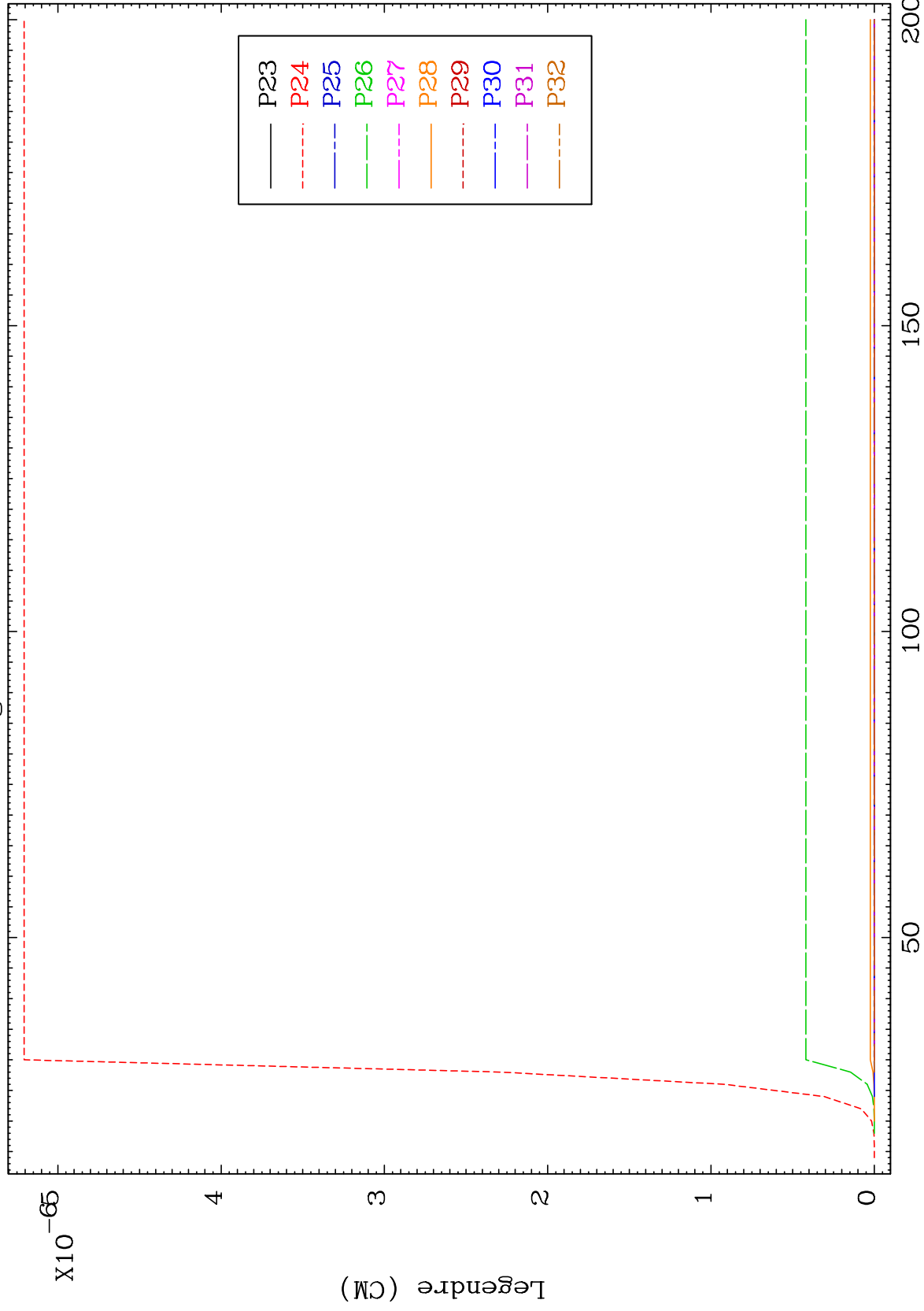
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



67

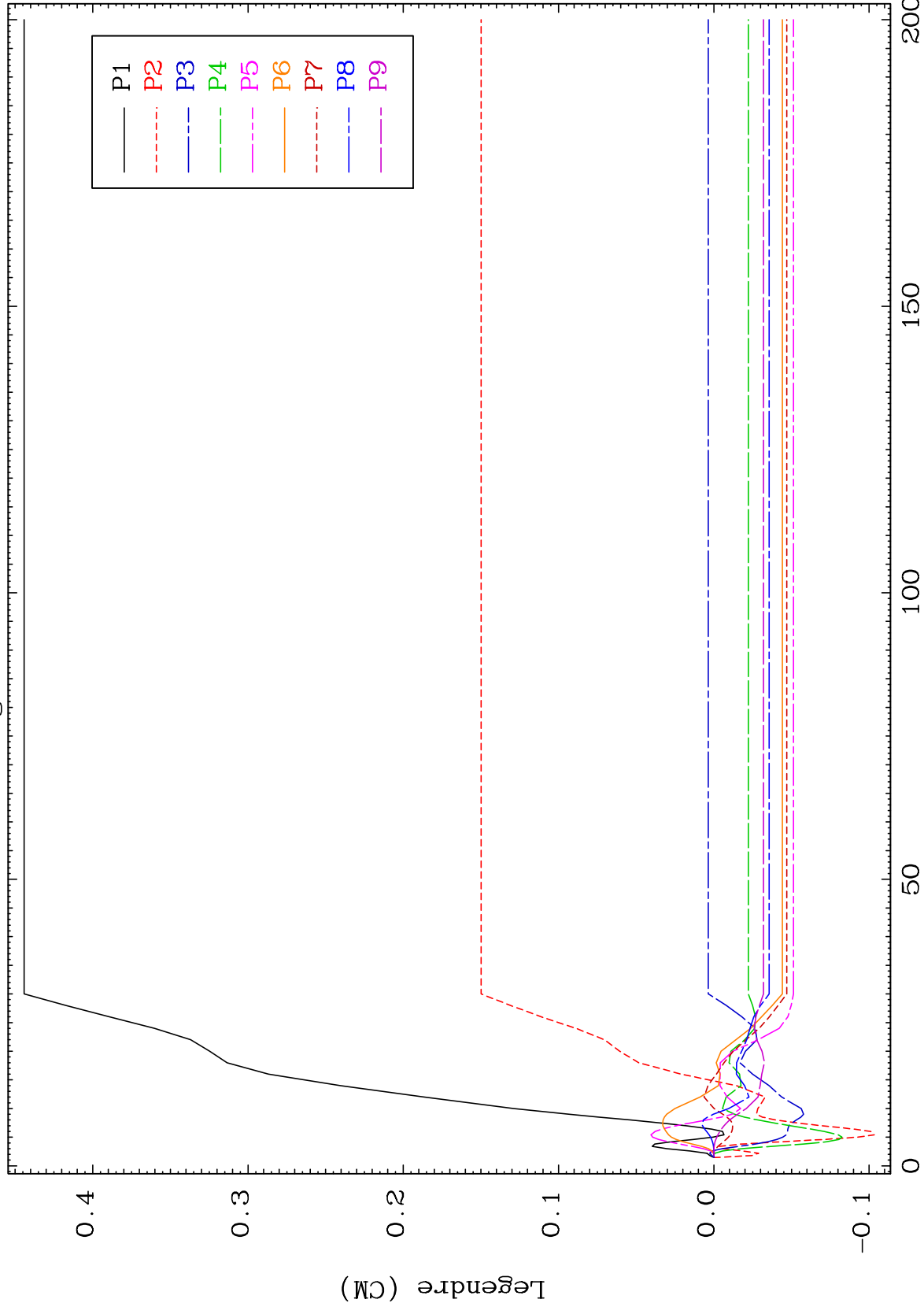
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



68

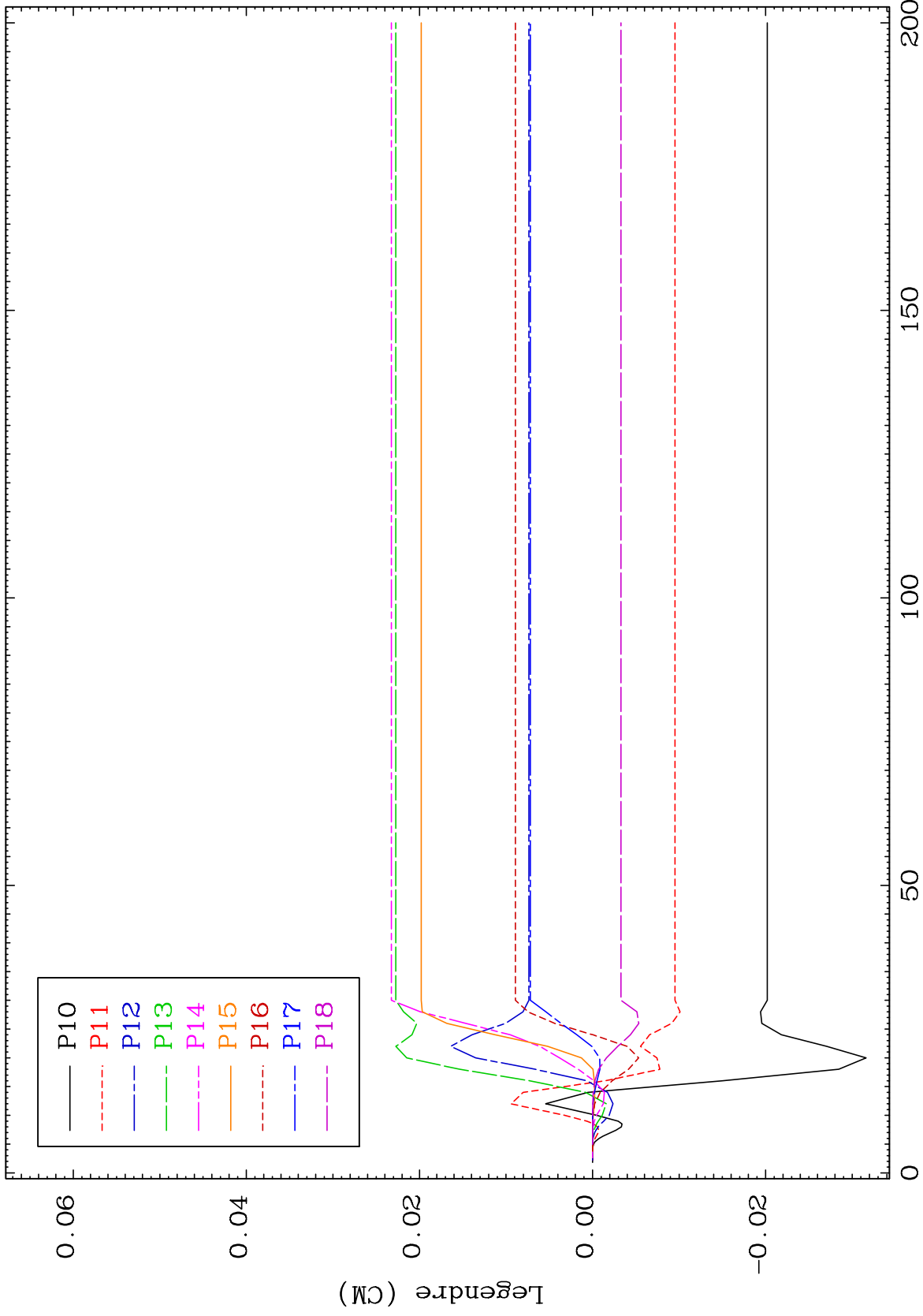
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



69

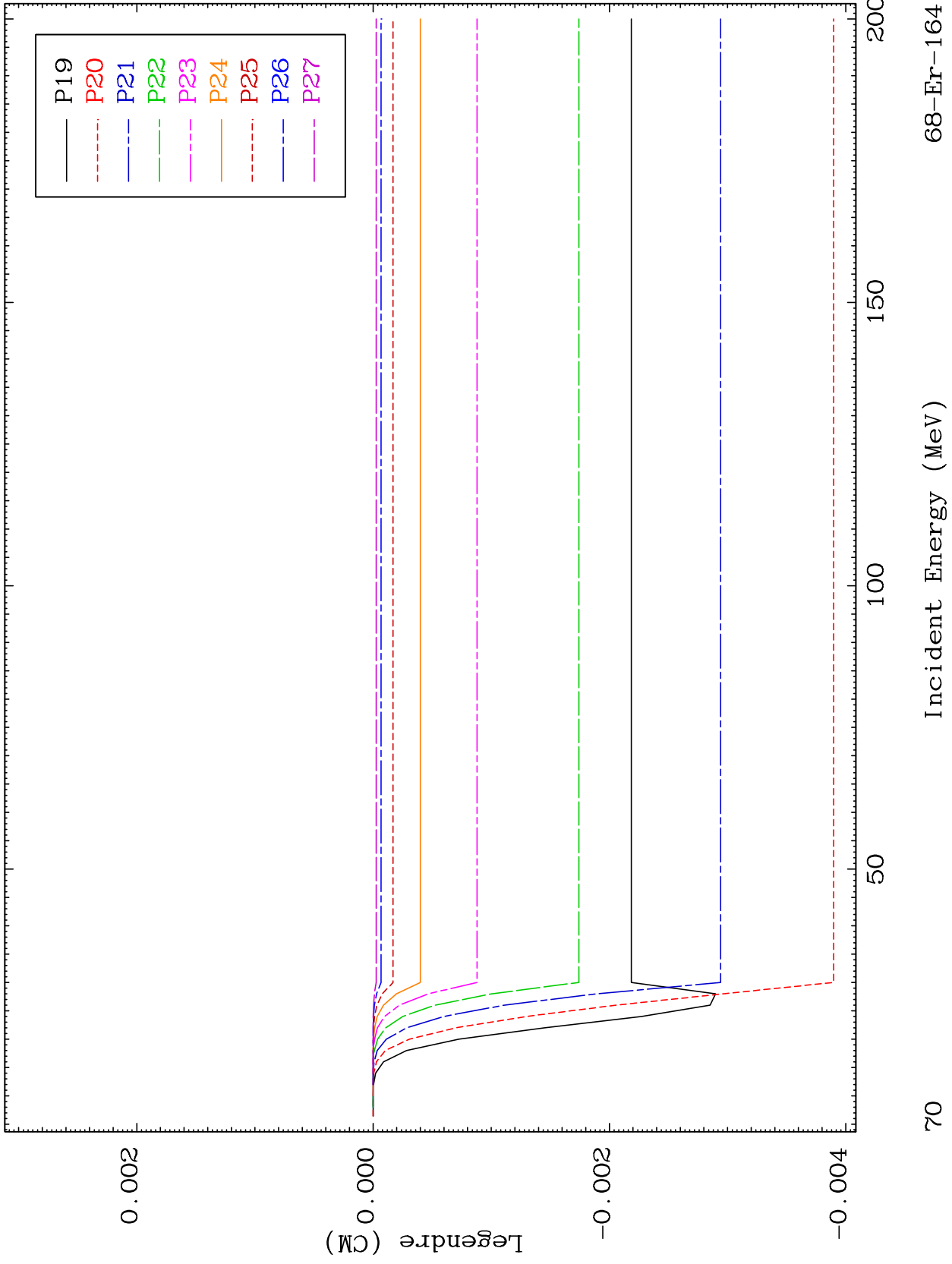
Incident Energy (MeV)

68-Er-164

MAT 6831

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

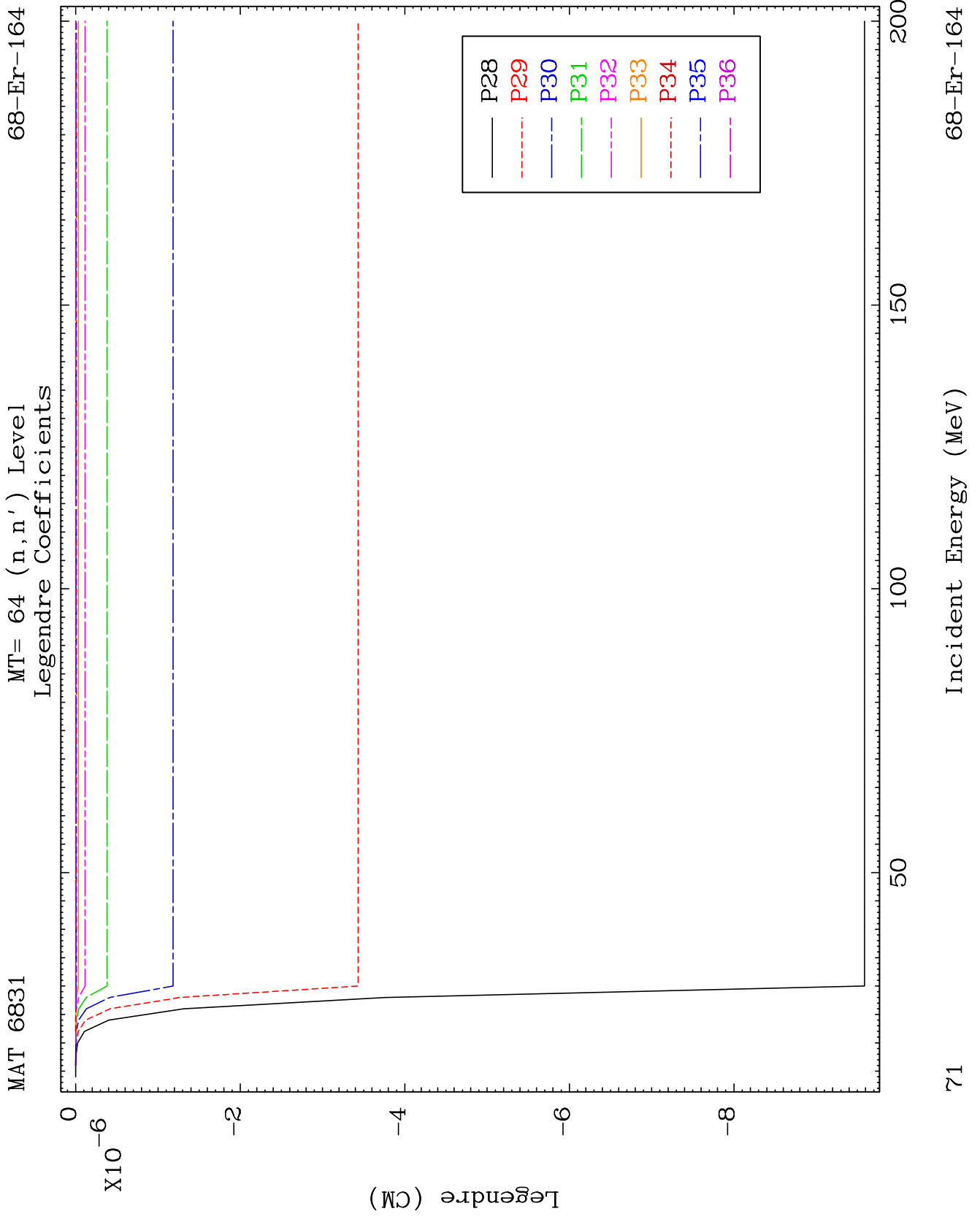
68-Er-164



70

Incident Energy (MeV)

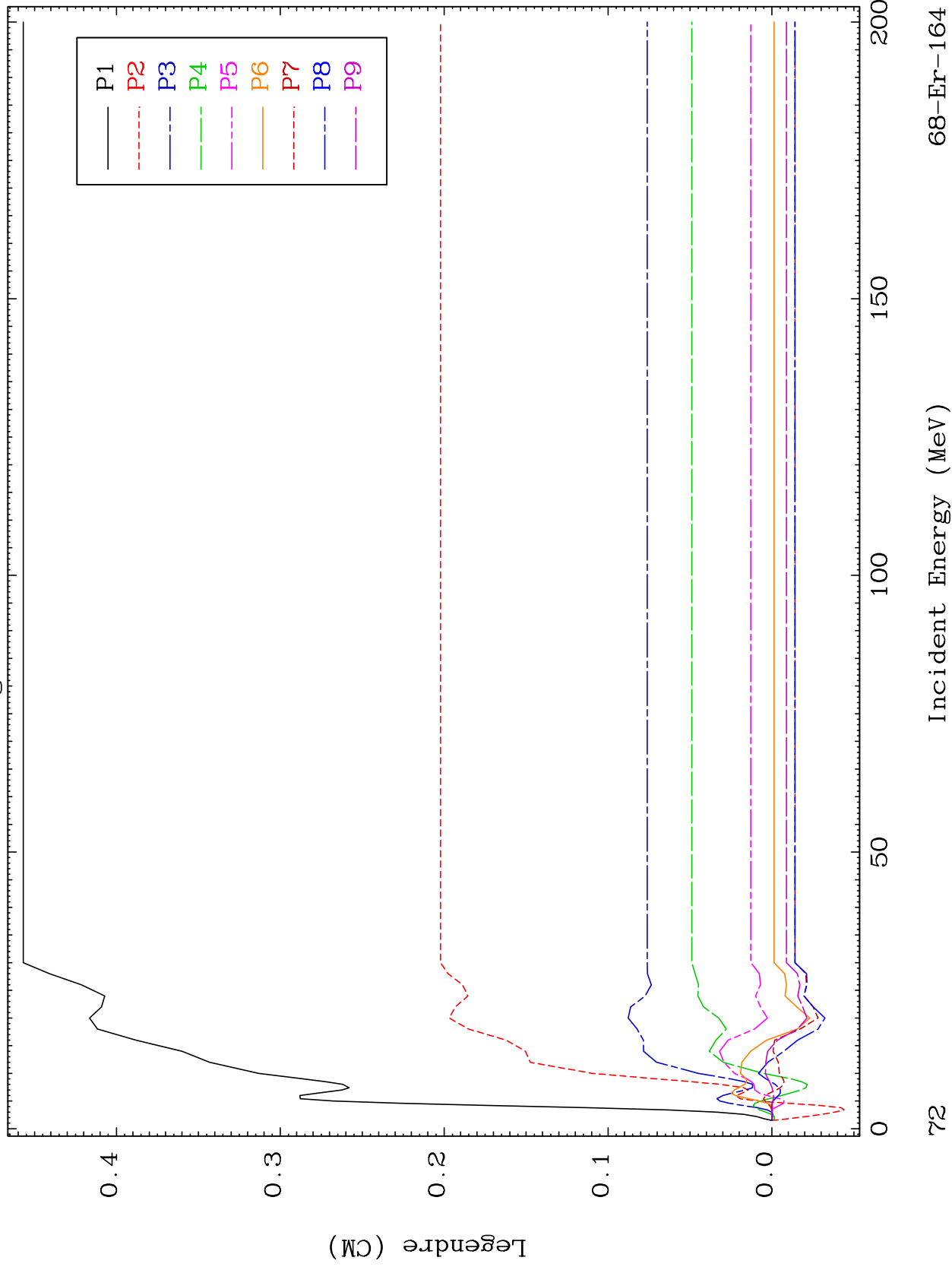
68-Er-164



MAT 6831

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

68-Er-164



68-Er-164

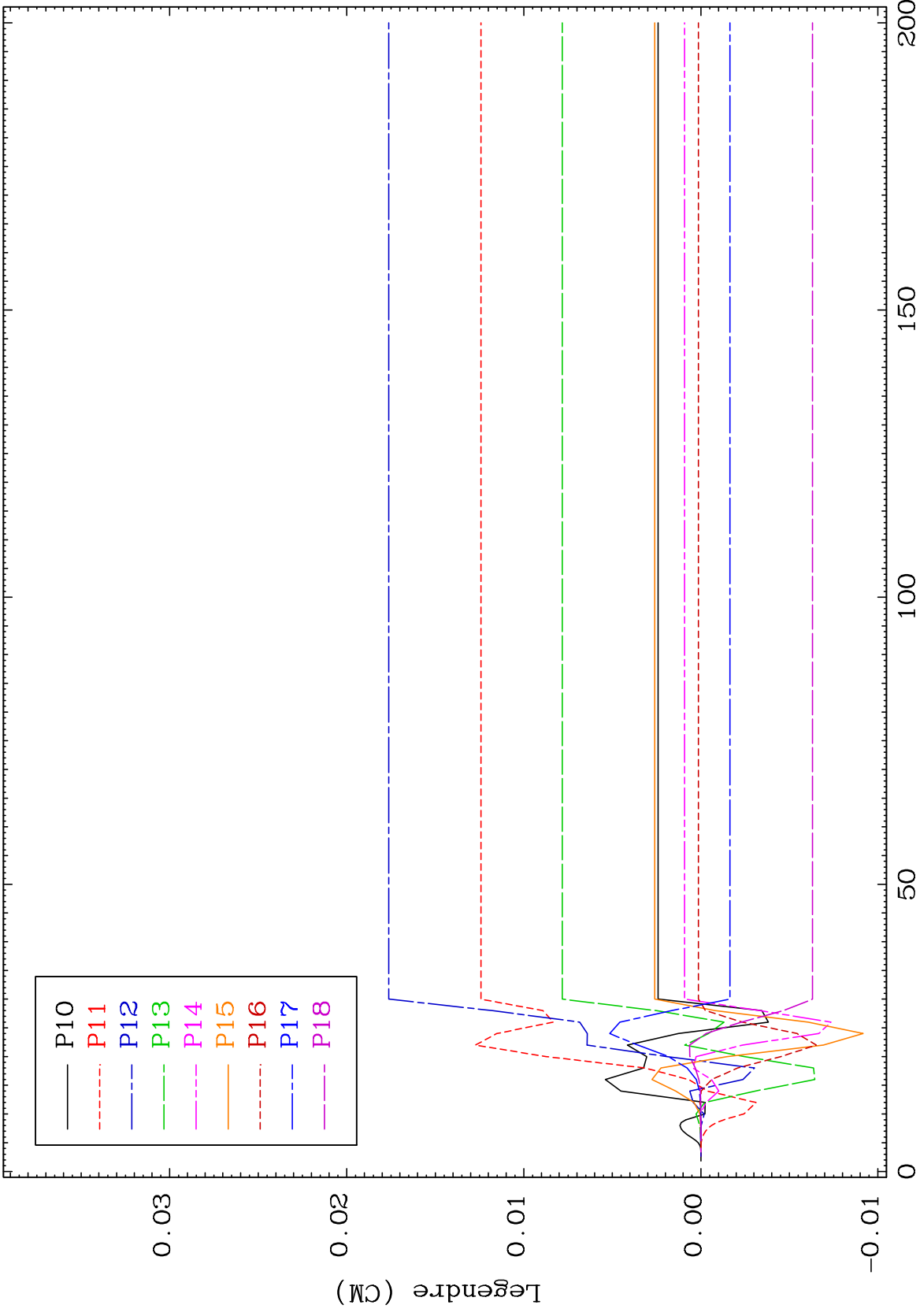
Incident Energy (MeV)

72

MAT 6831

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

68-Er-164



73

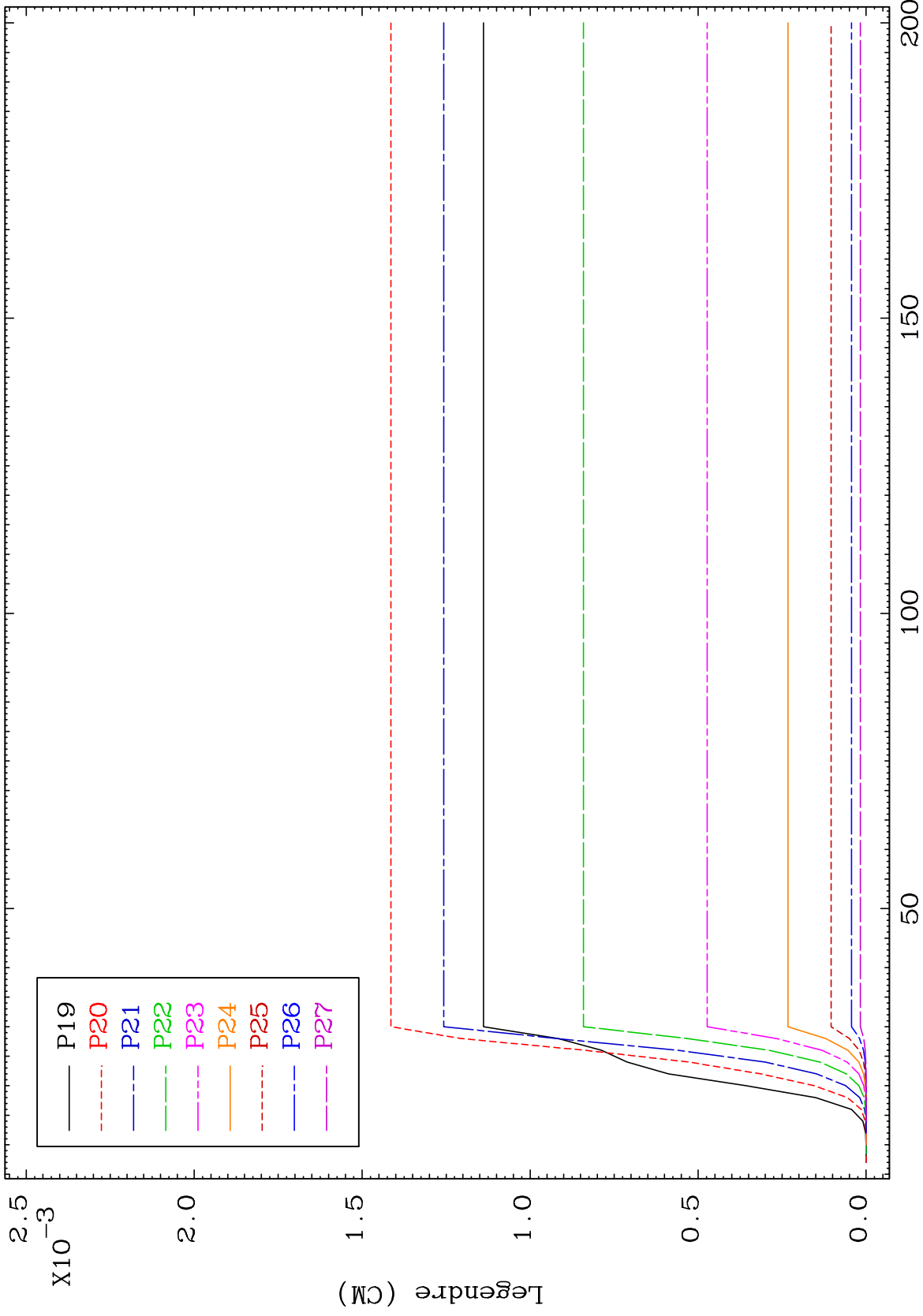
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



74

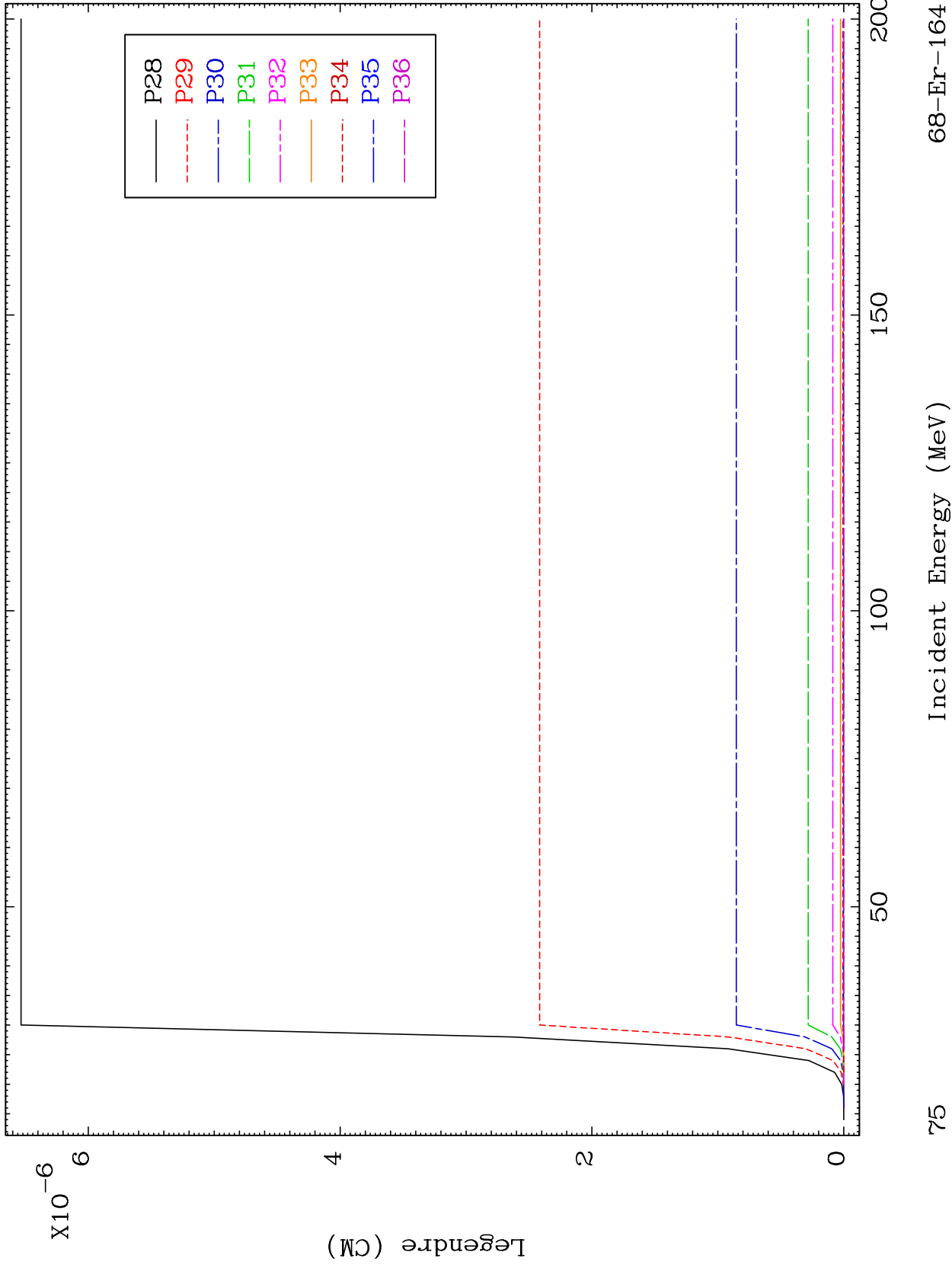
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



75

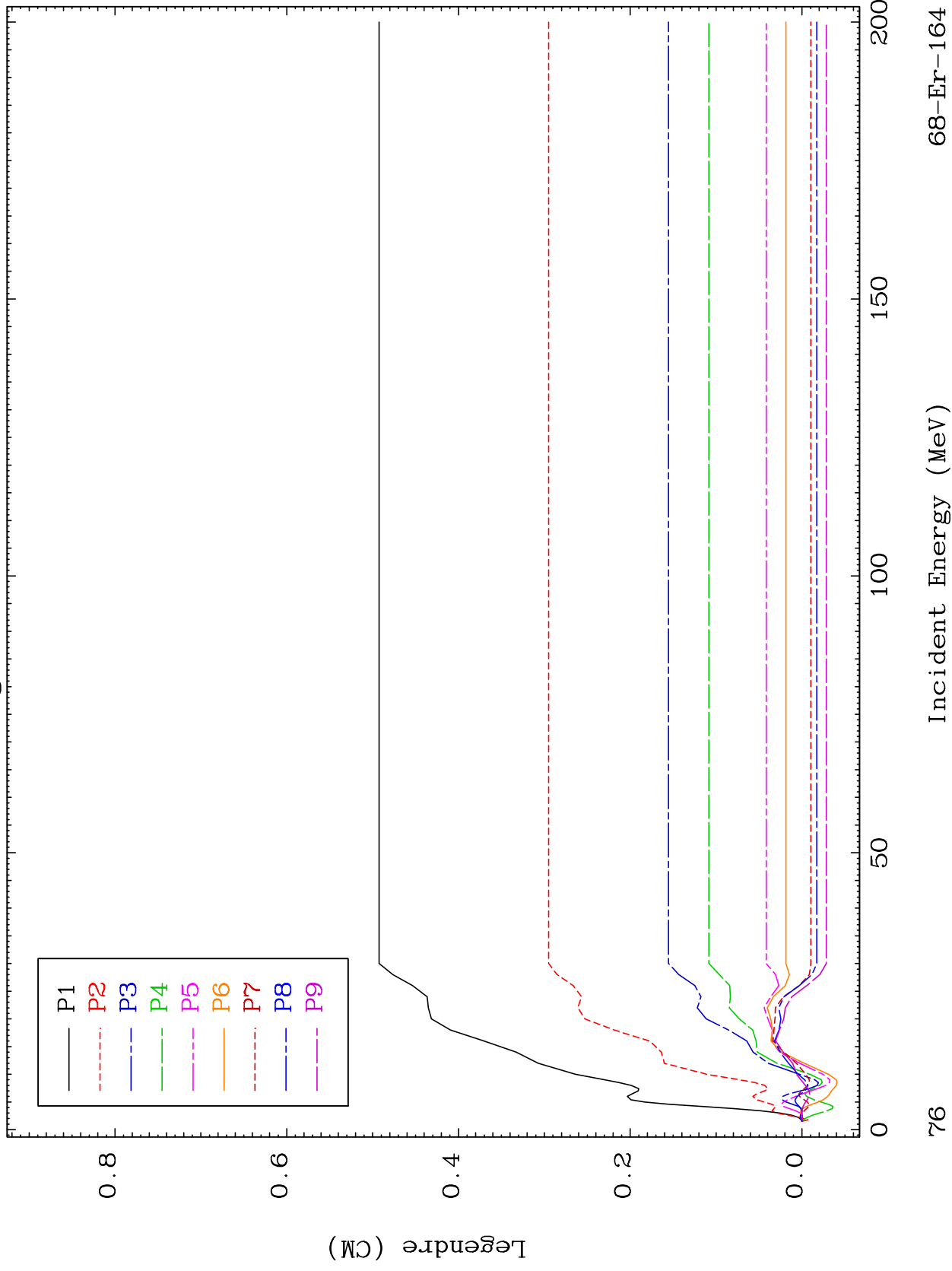
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164

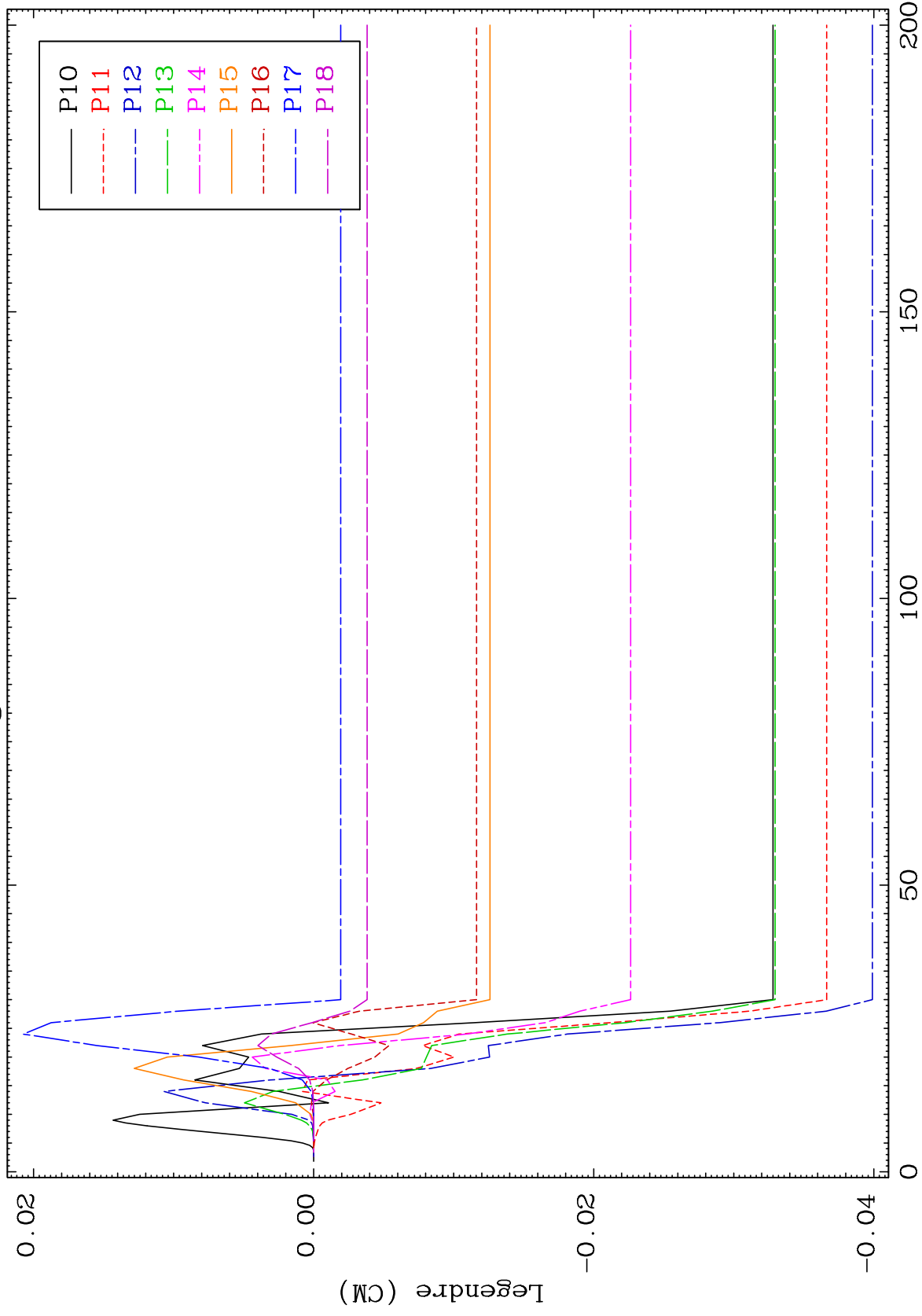


76

MAT 6831

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

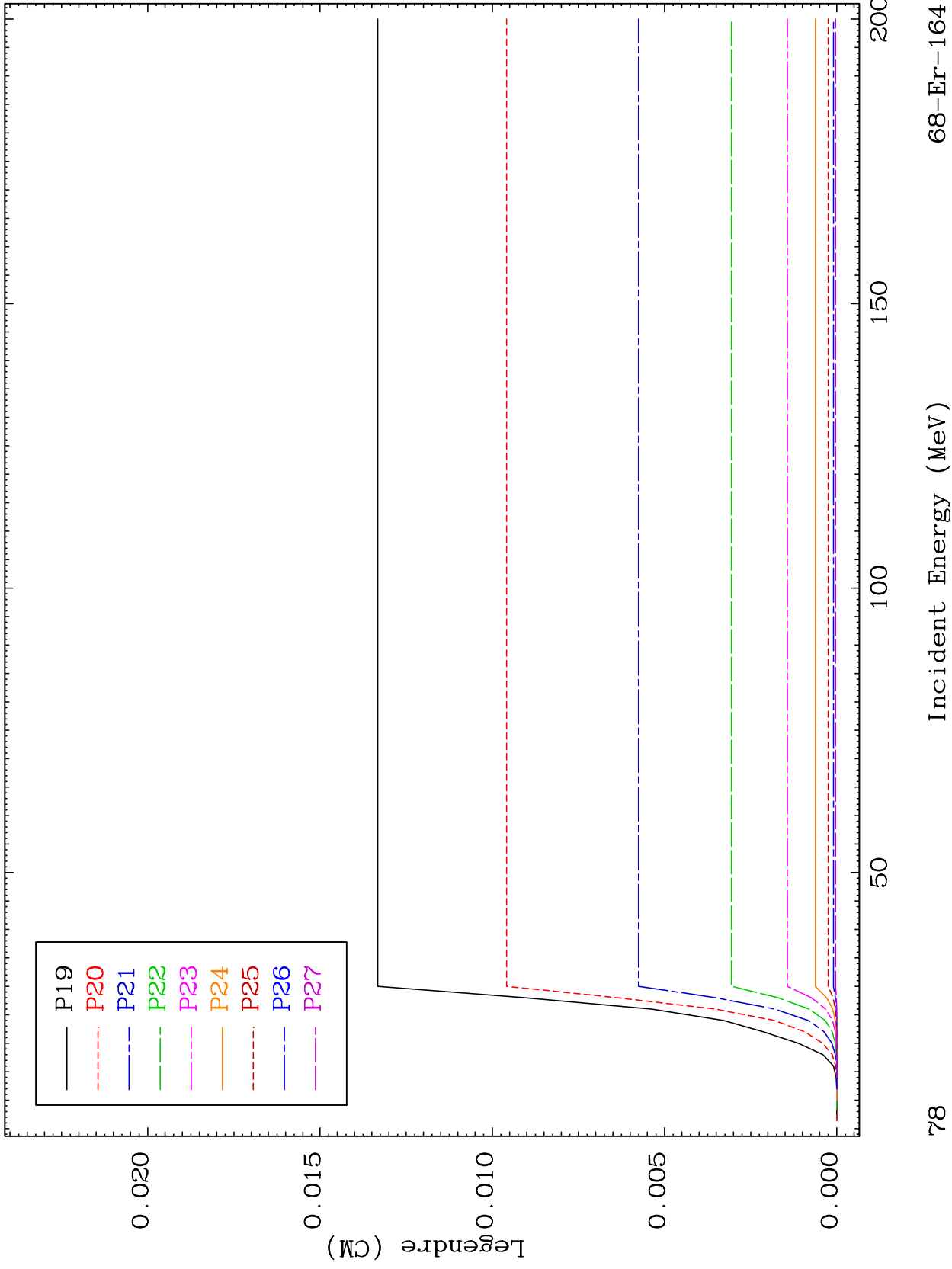
68-Er-164



77

Incident Energy (MeV)

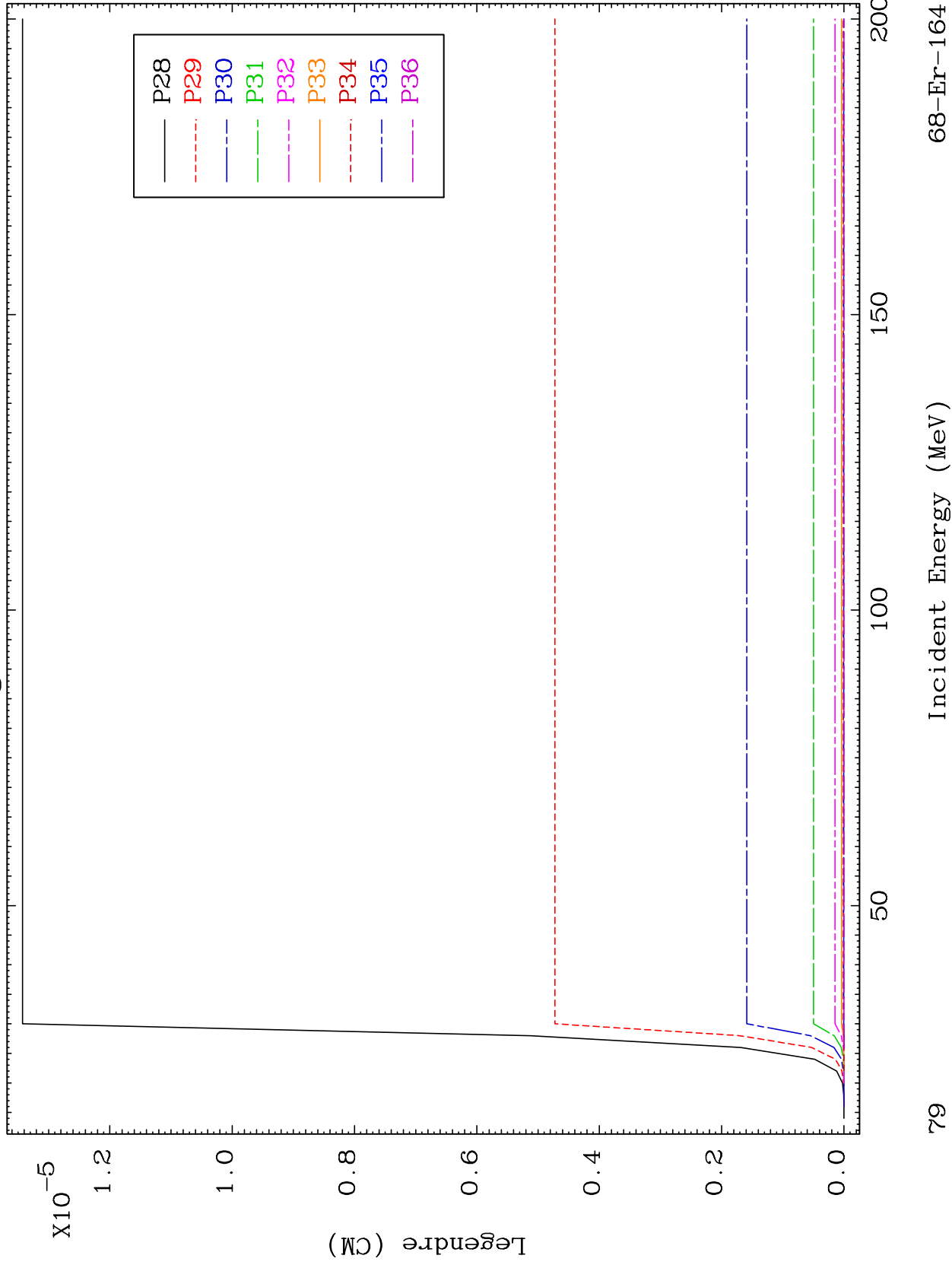
68-Er-164



MAT 6831

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

68-Er-164



79

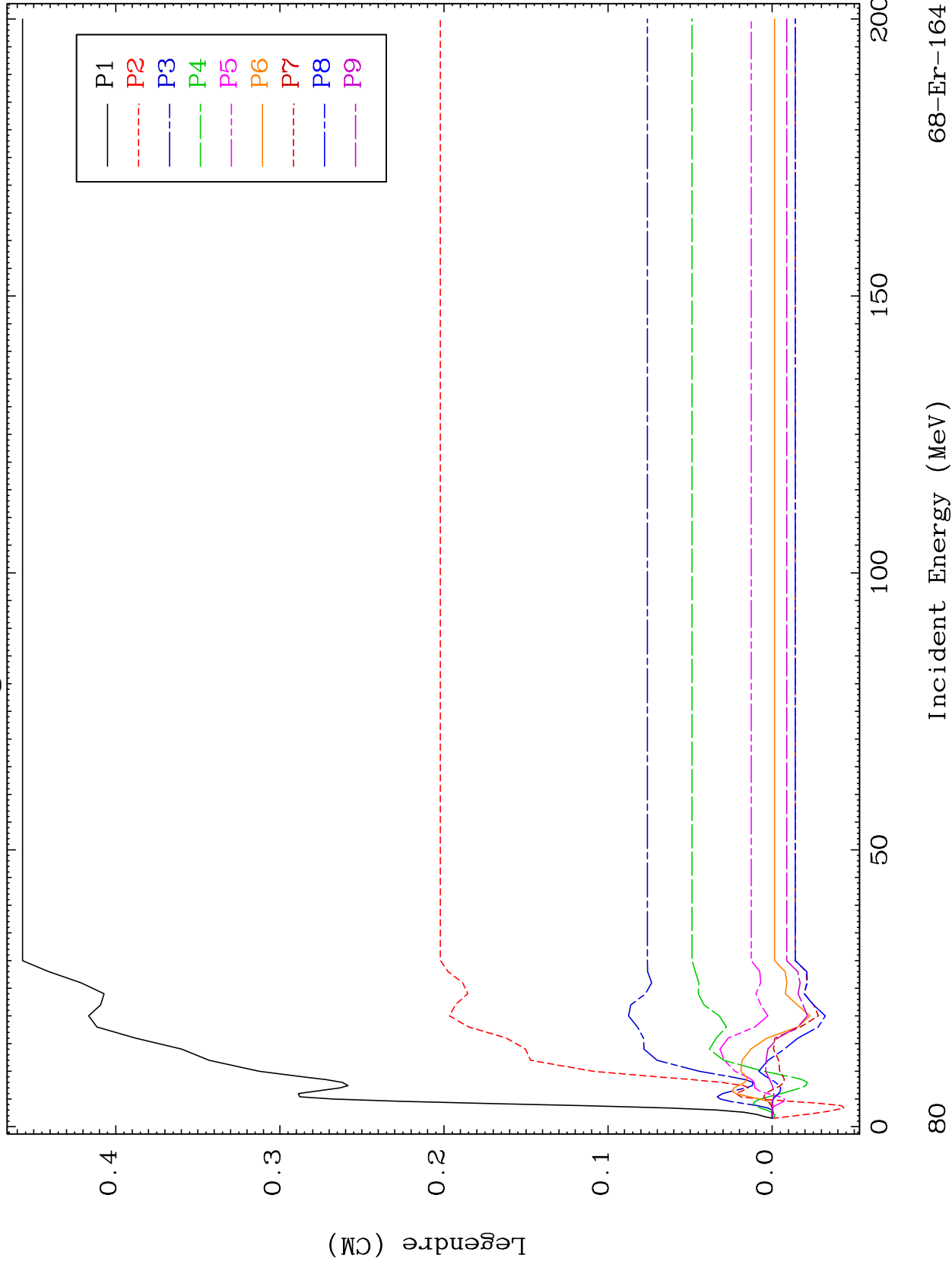
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



68-Er-164

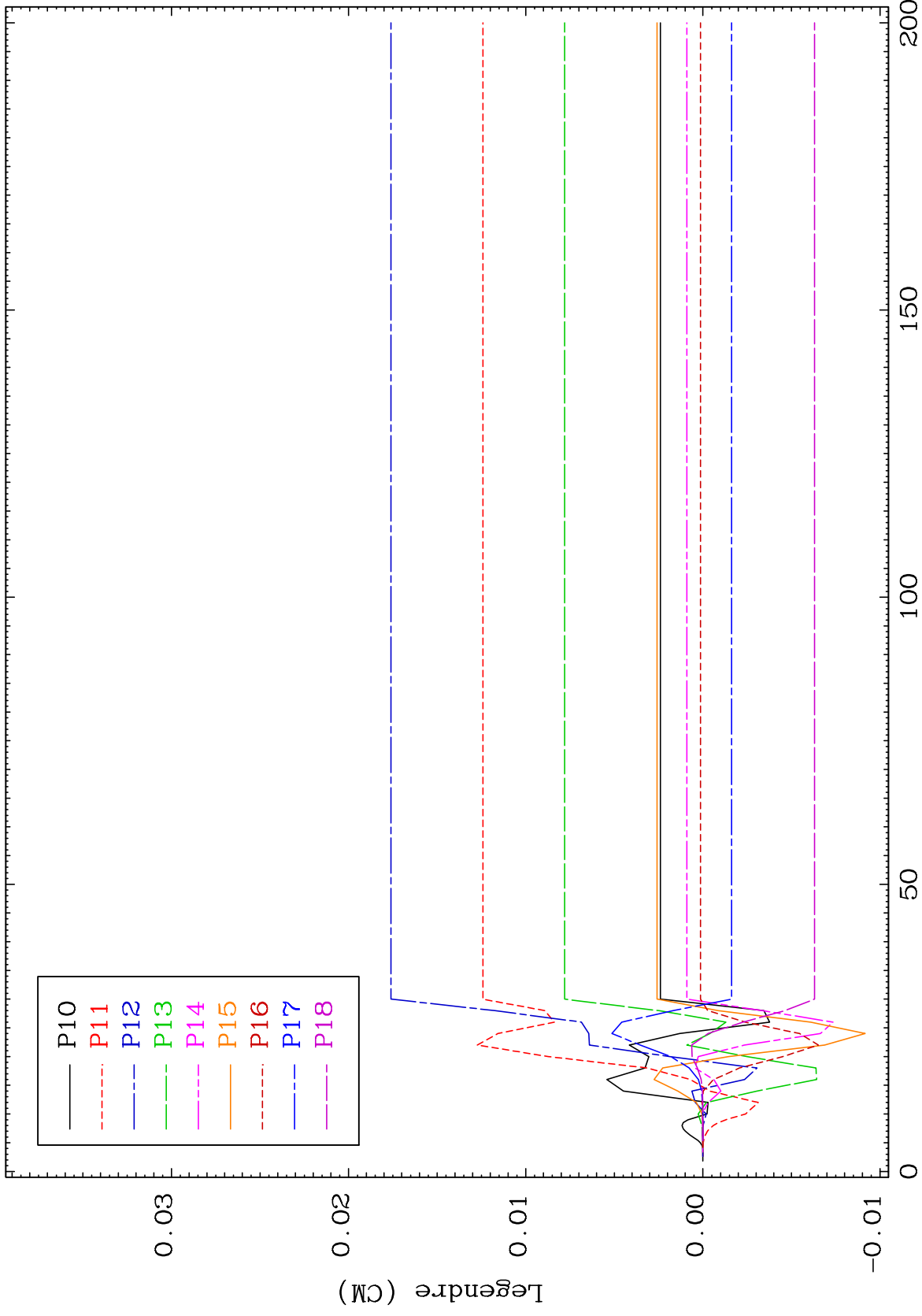
Incident Energy (MeV)

80

MAT 6831

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

68-Er-164



81

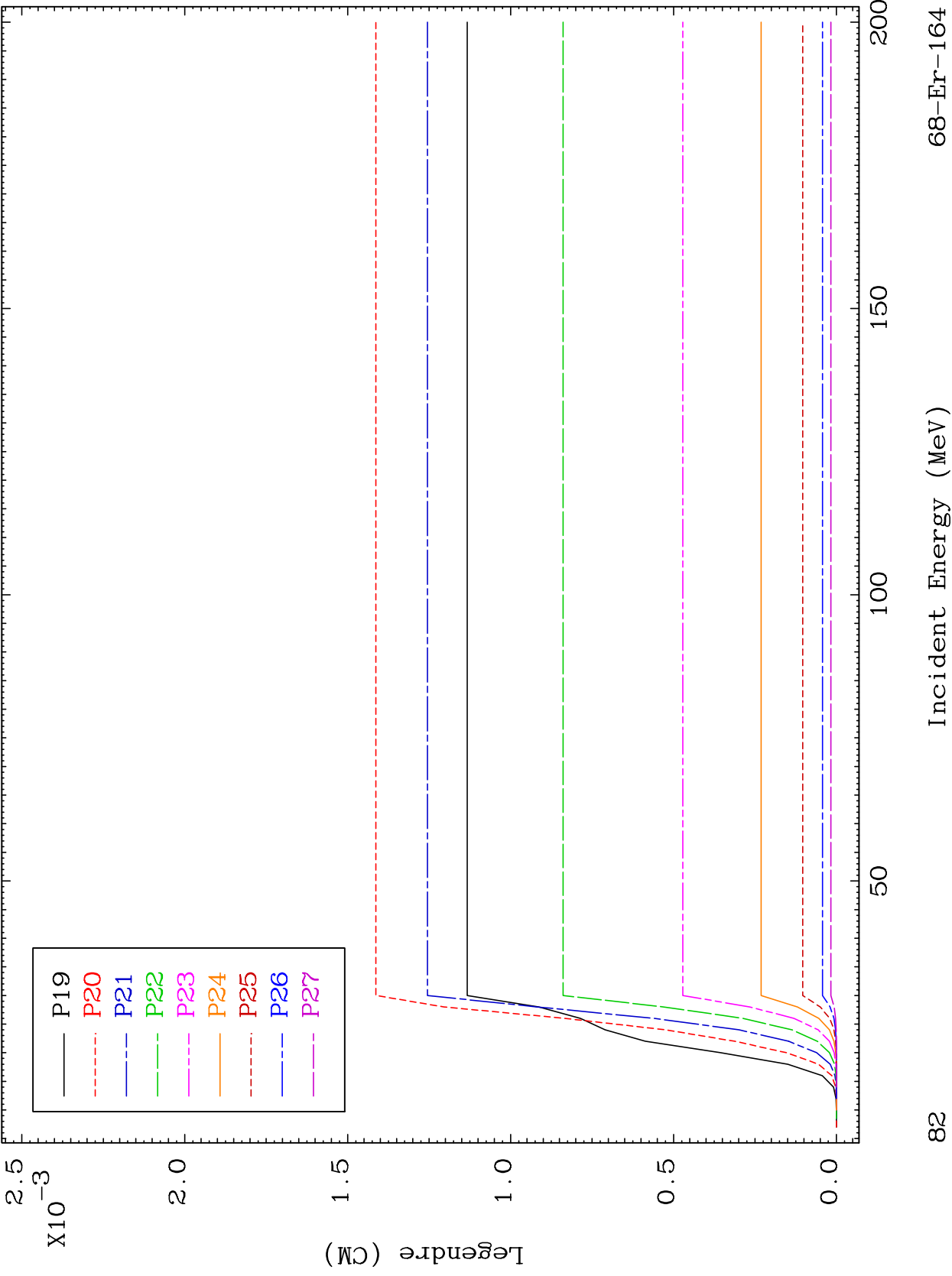
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164

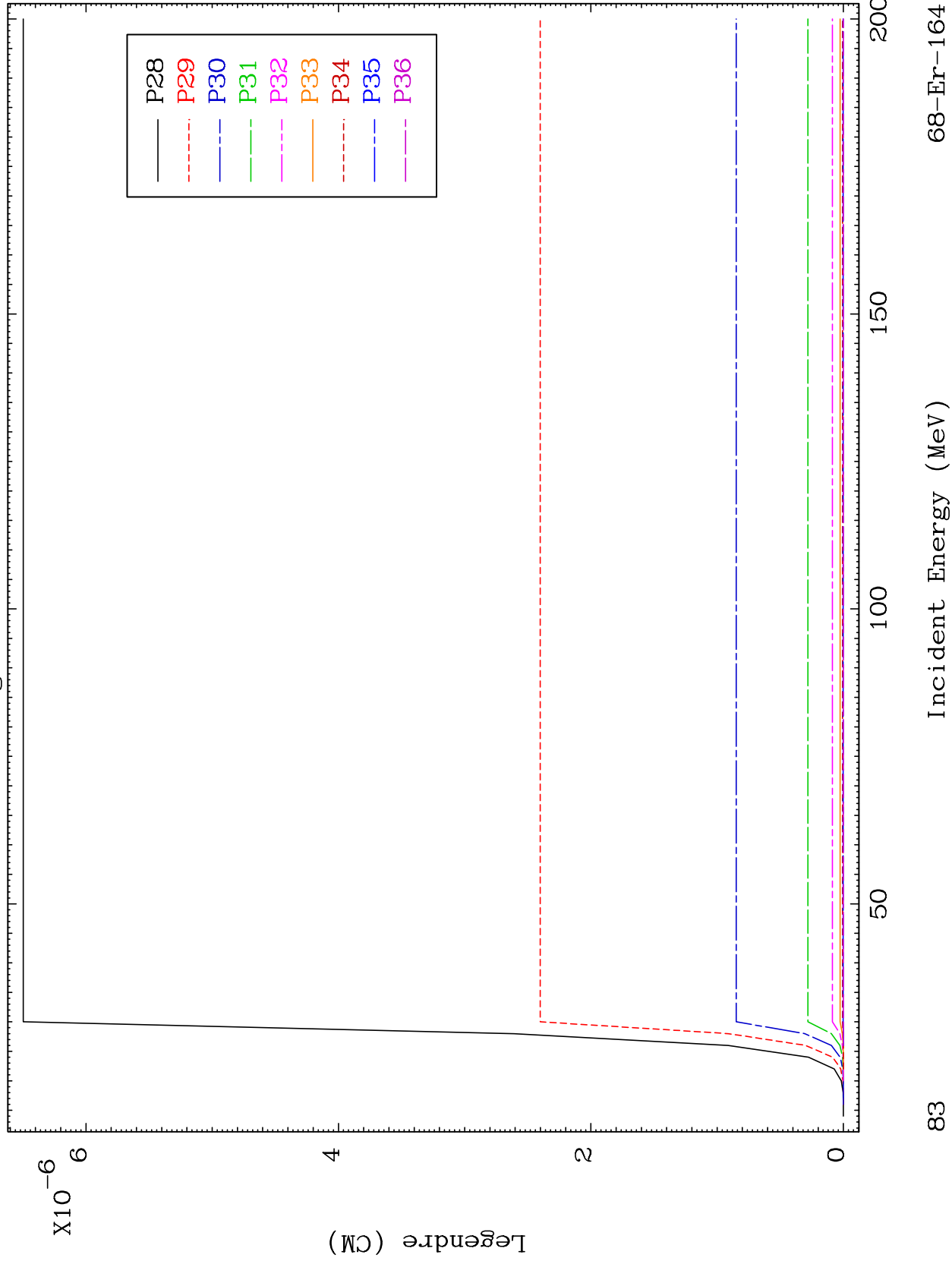


82

MAT 6831

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

68-Er-164



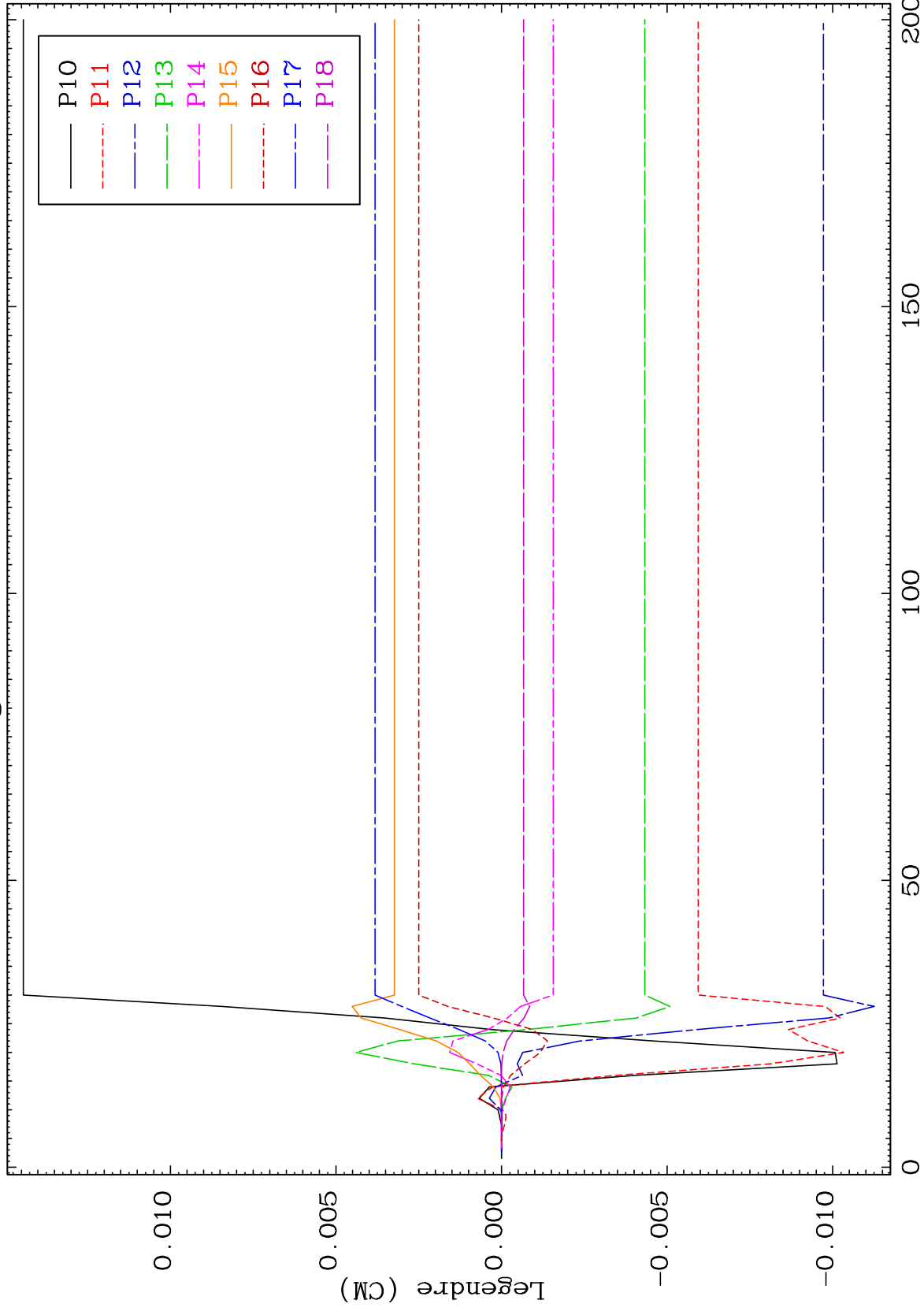
83

68-Er-164

MAT 6831

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

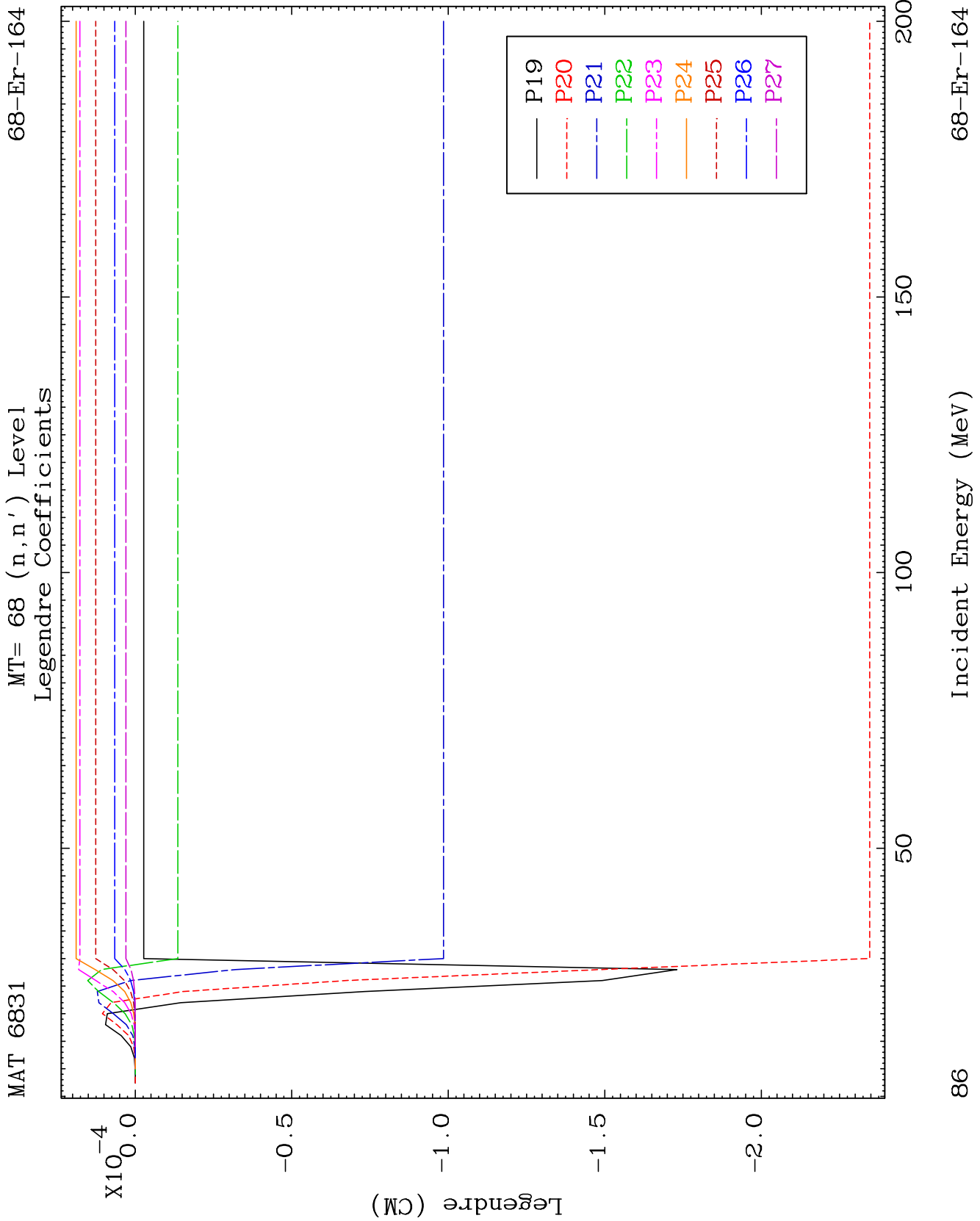
68-Er-164



85

Incident Energy (MeV)

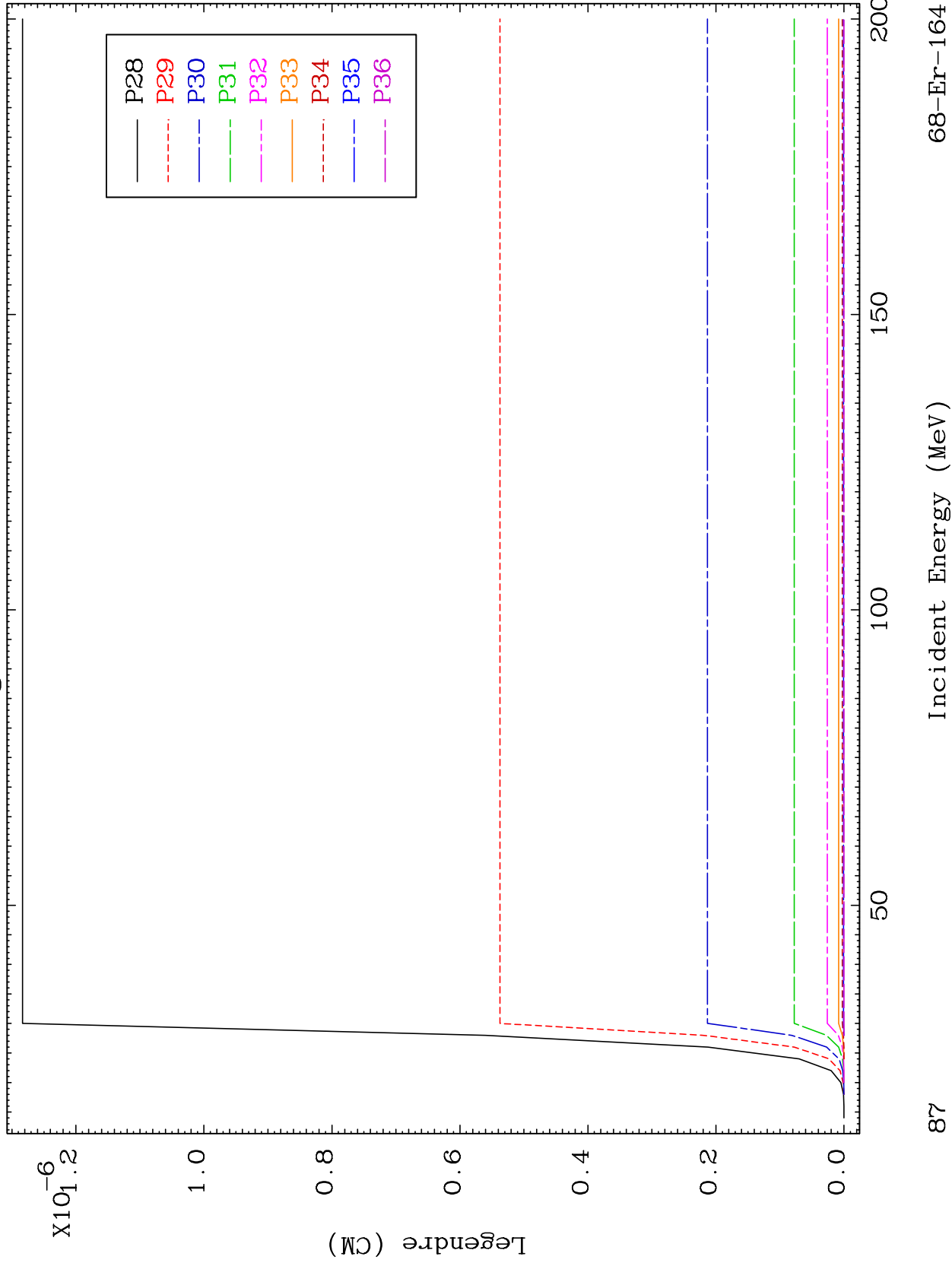
68-Er-164



MAT 6831

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

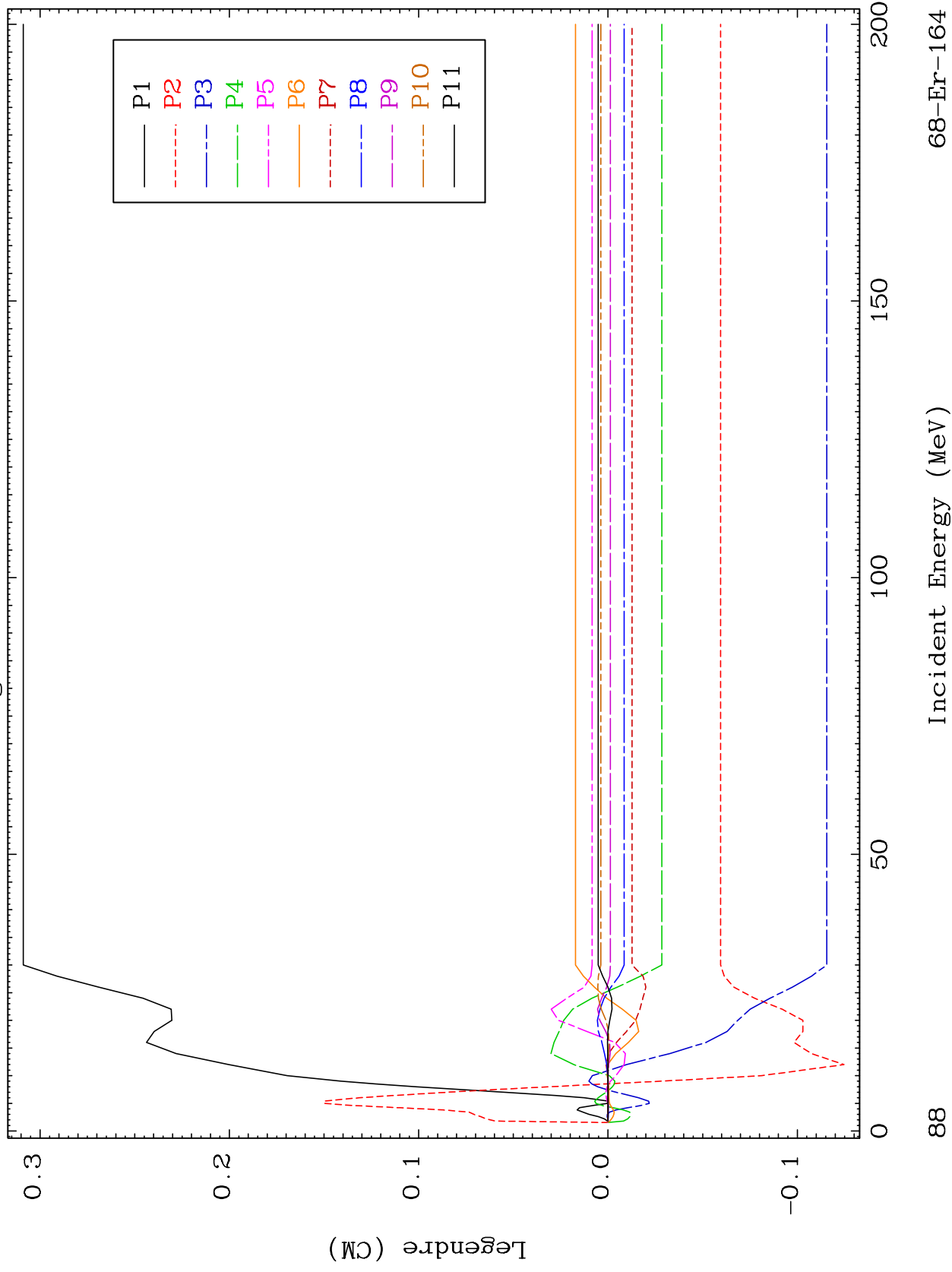
68-Er-164



MAT 6831

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

68-Er-164



88

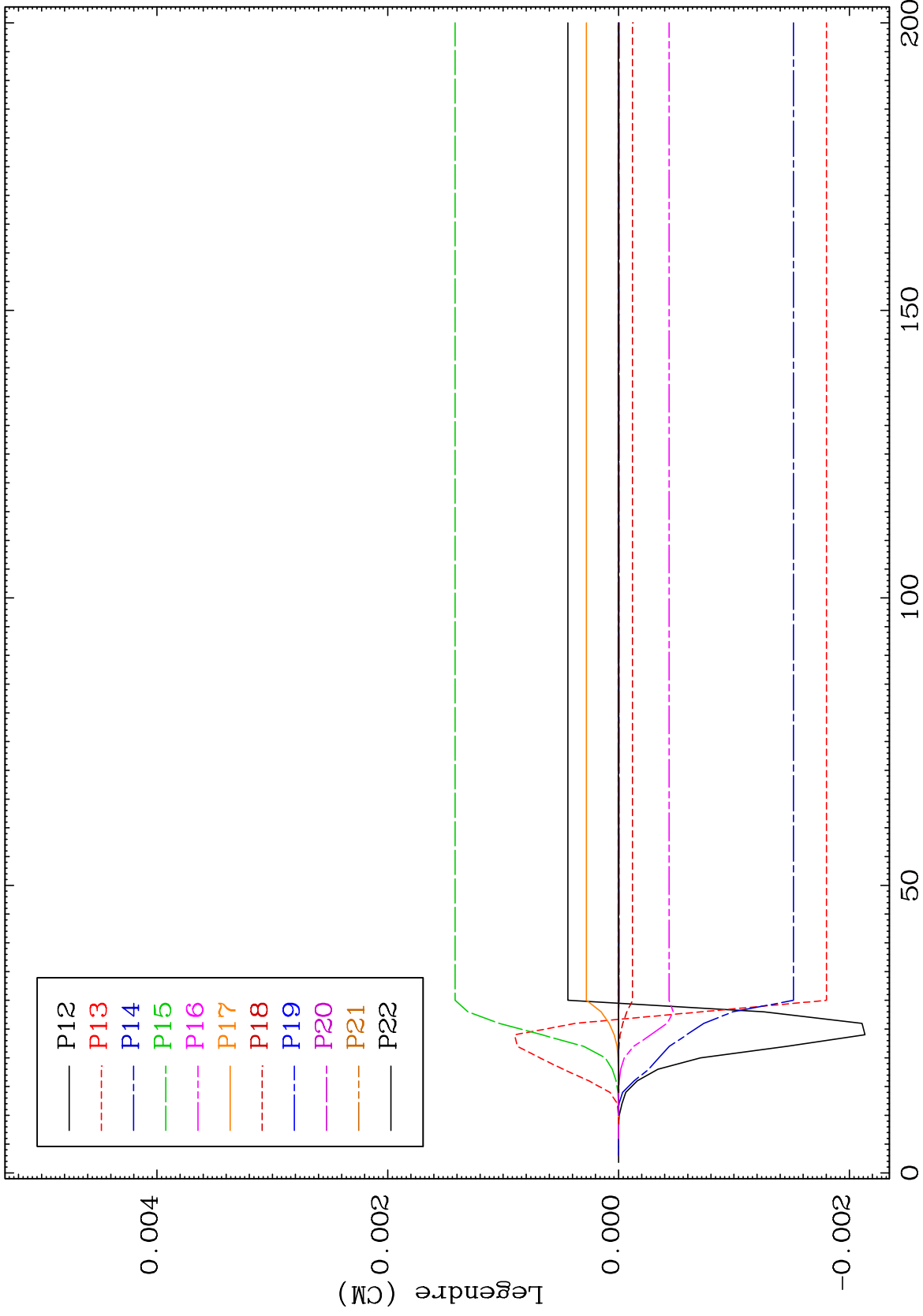
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



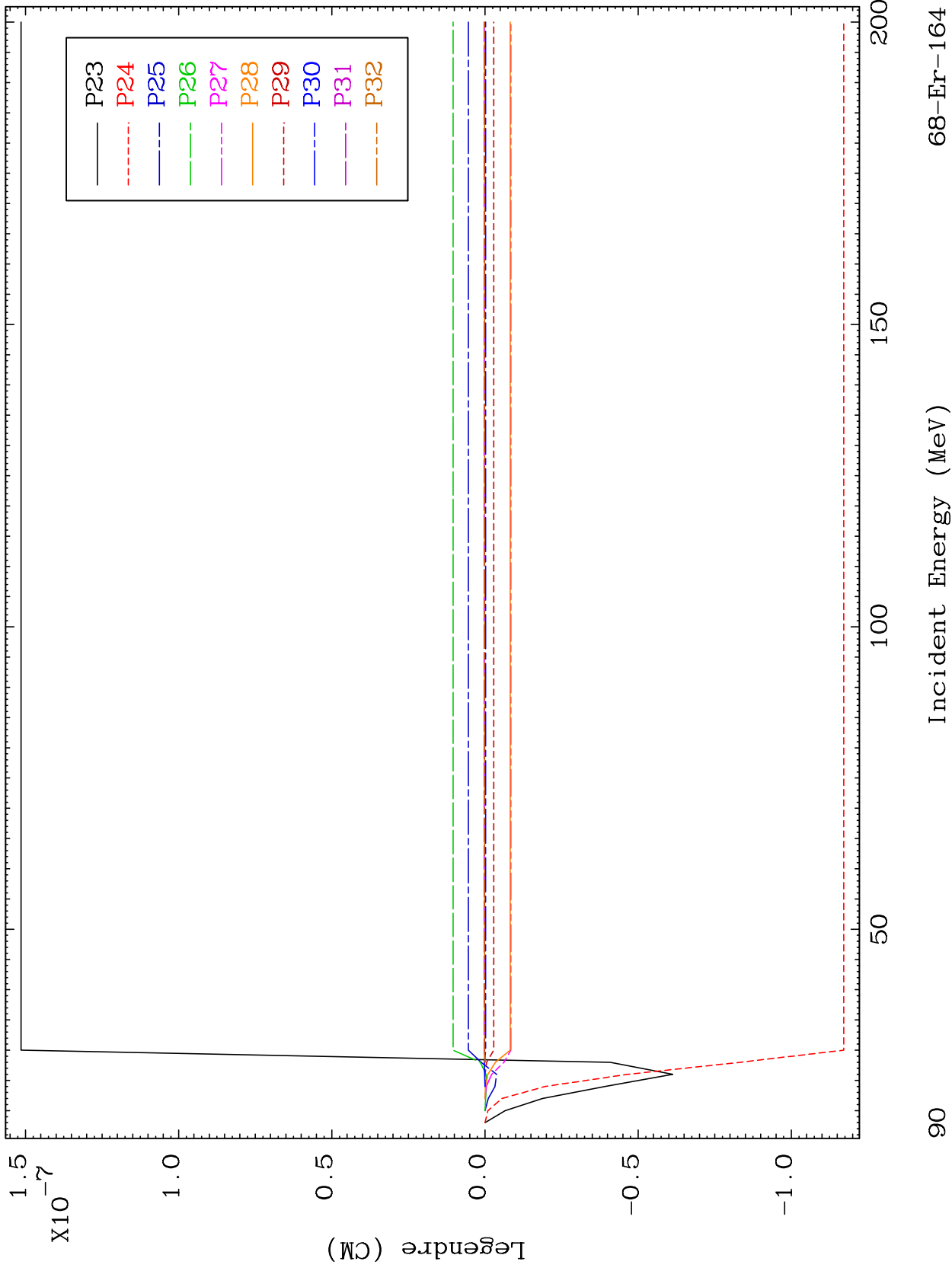
89

68-Er-164

MAT 6831

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

68-Er-164



68-Er-164

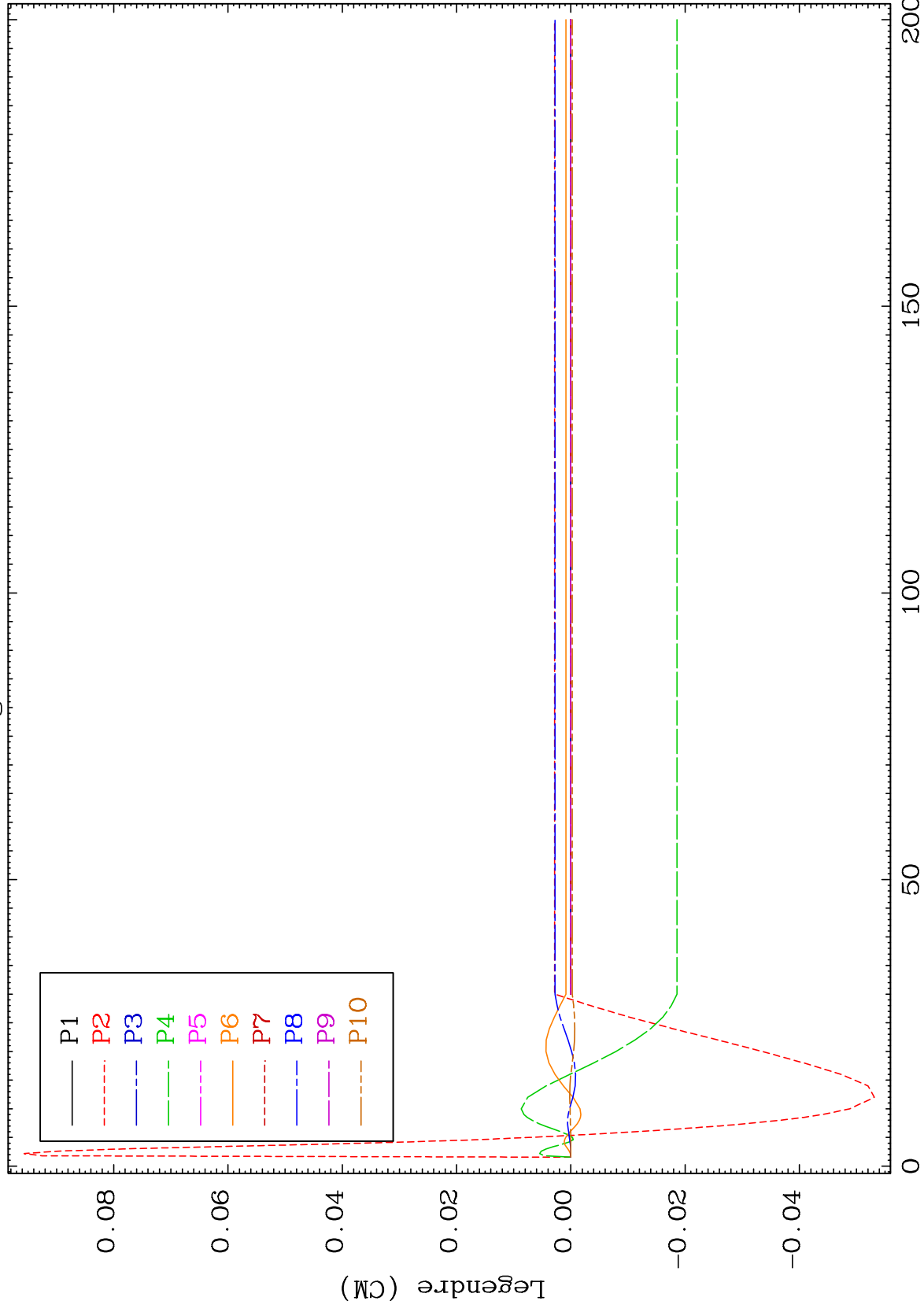
Incident Energy (MeV)

90

MAT 6831

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

68-Er-164



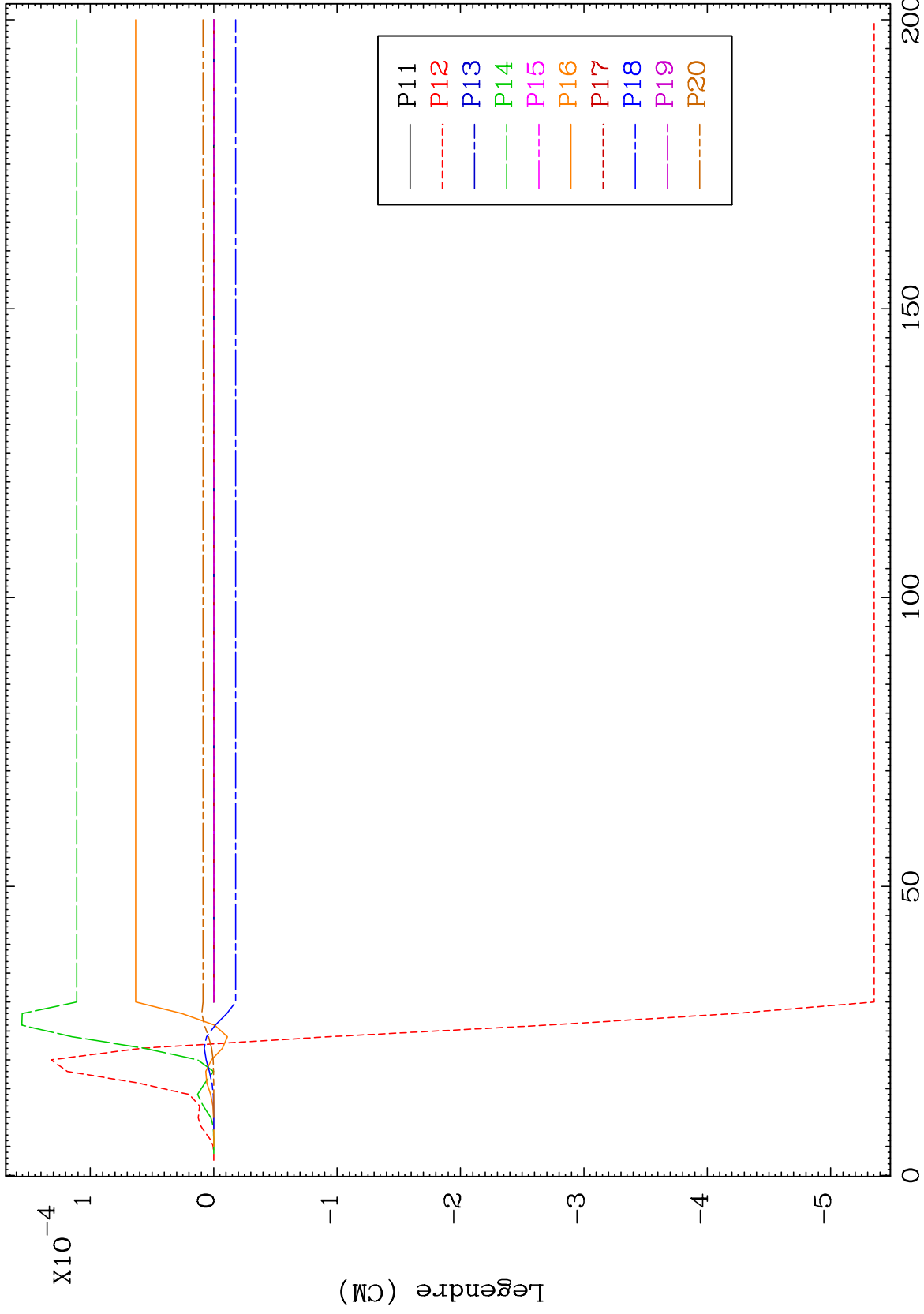
91

68-Er-164

MAT 6831

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

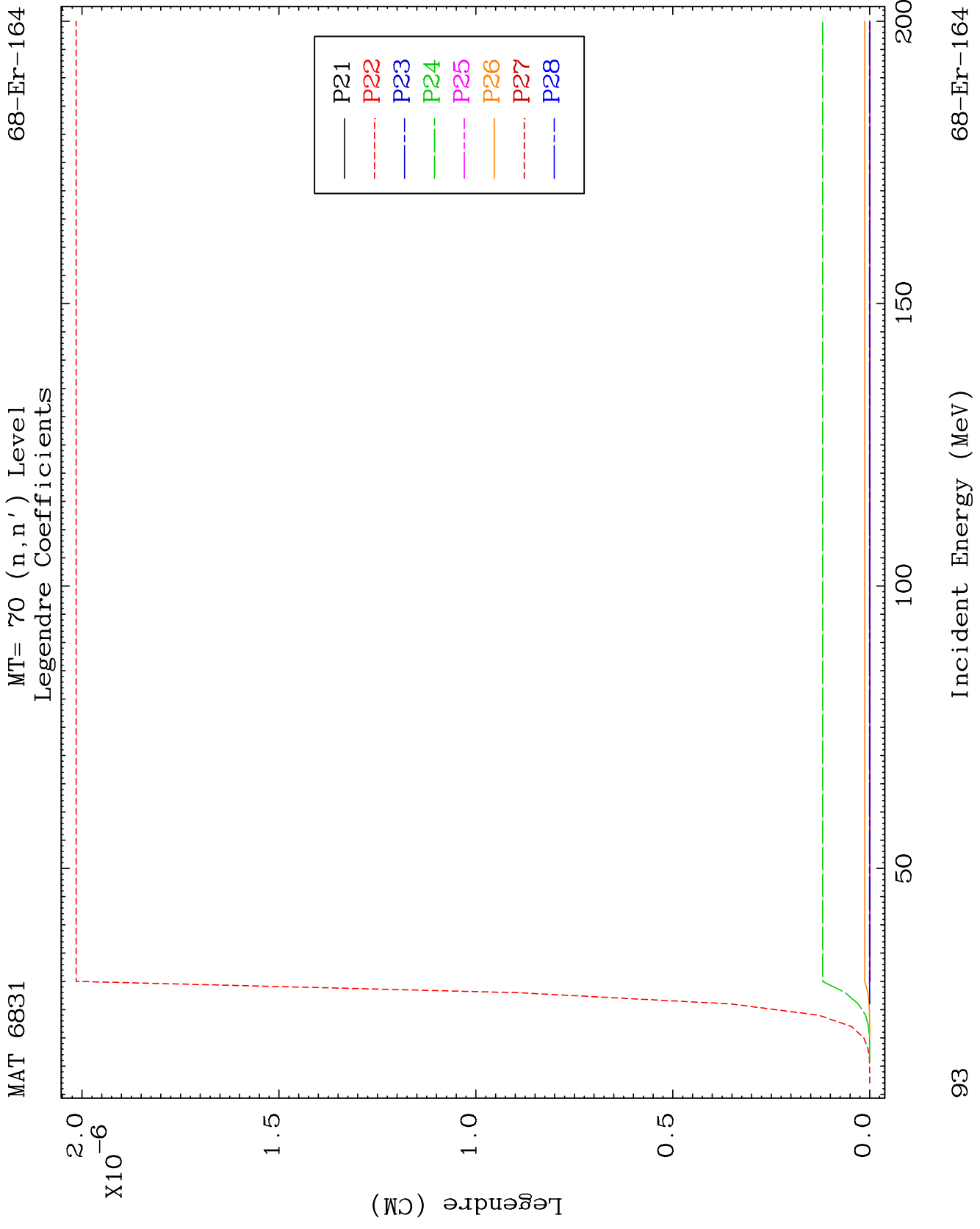
68-Er-164



92

Incident Energy (MeV)

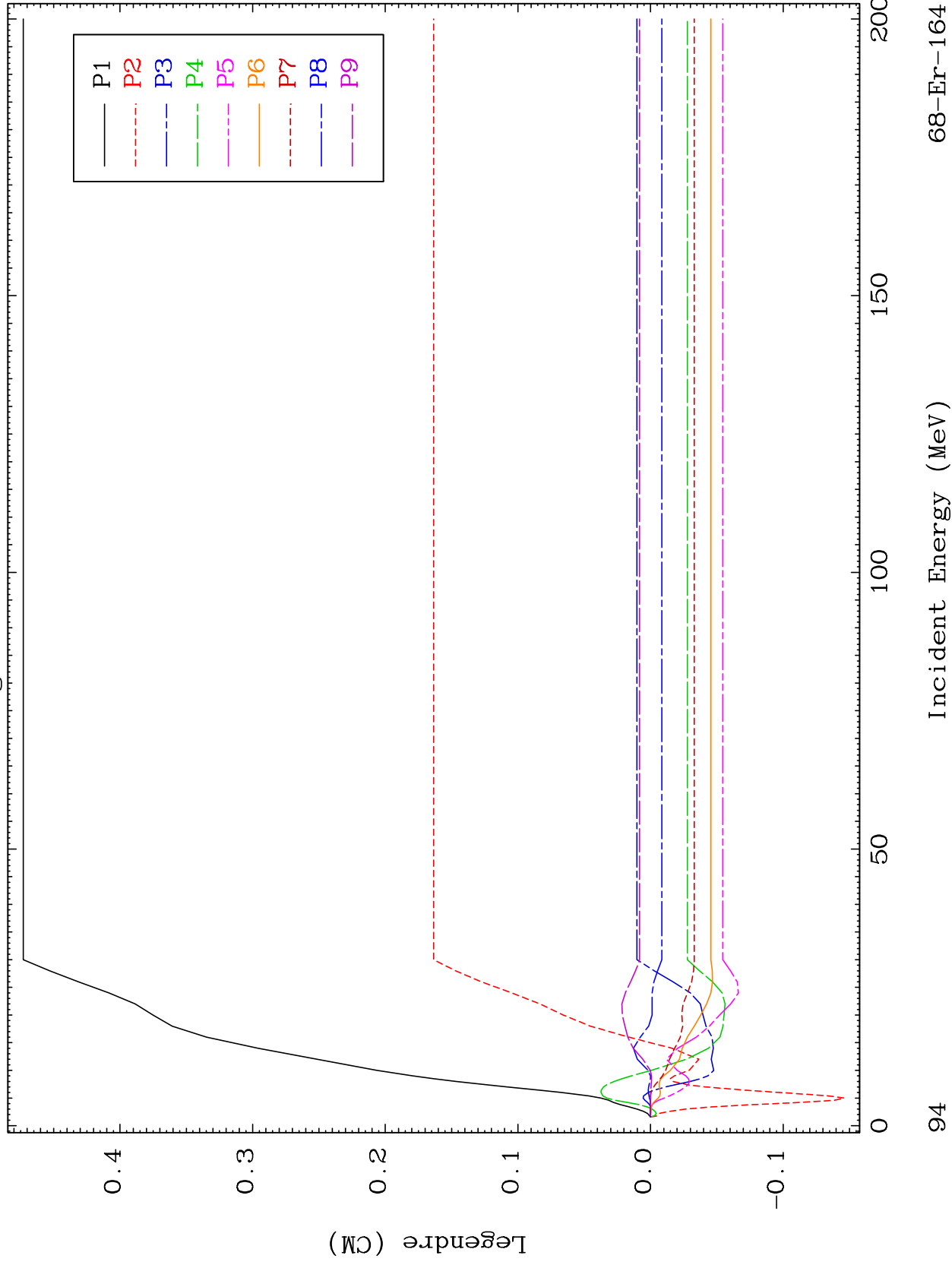
68-Er-164



MAT 6831

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

68-Er-164



68-Er-164

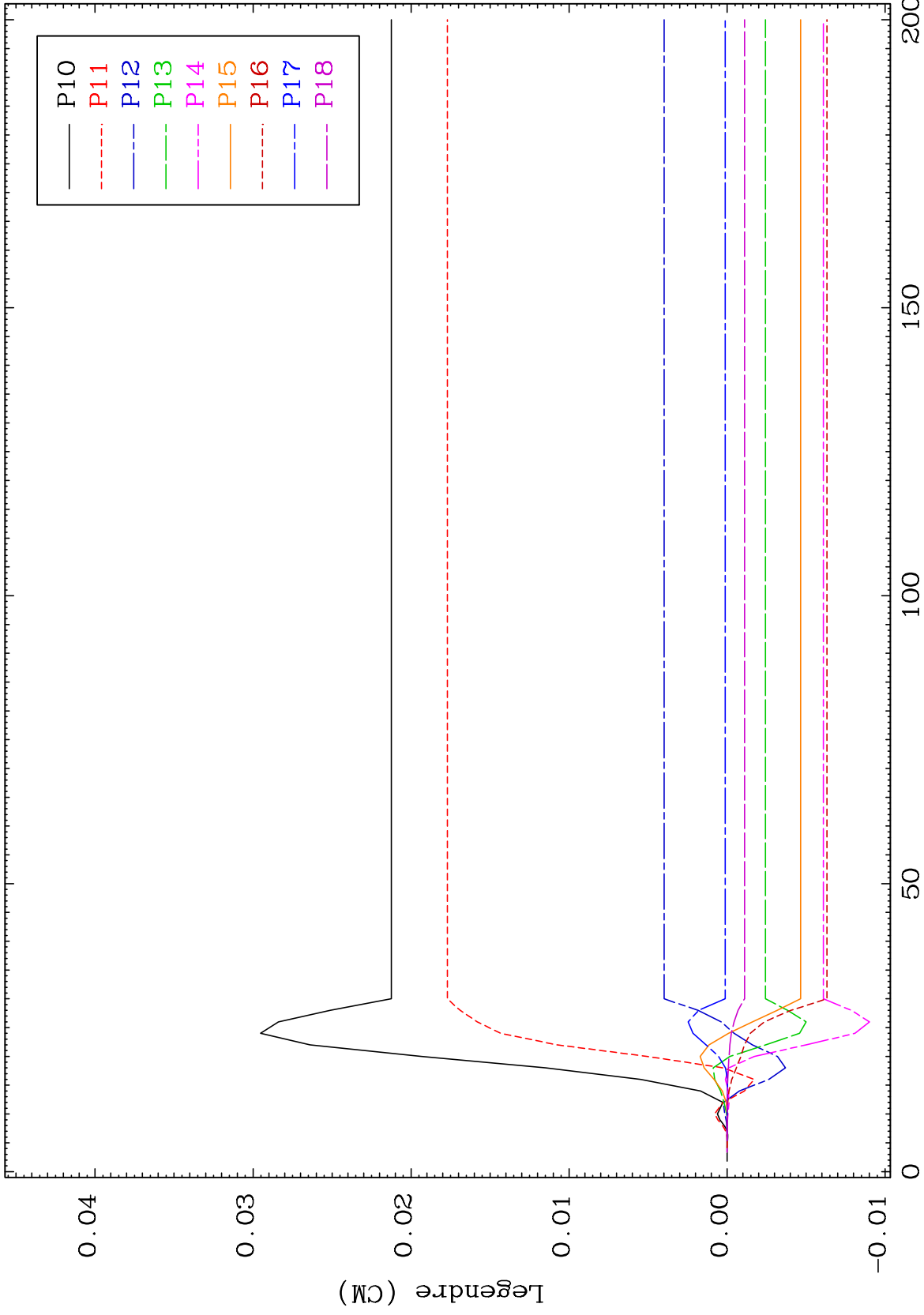
Incident Energy (MeV)

94

MAT 6831

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

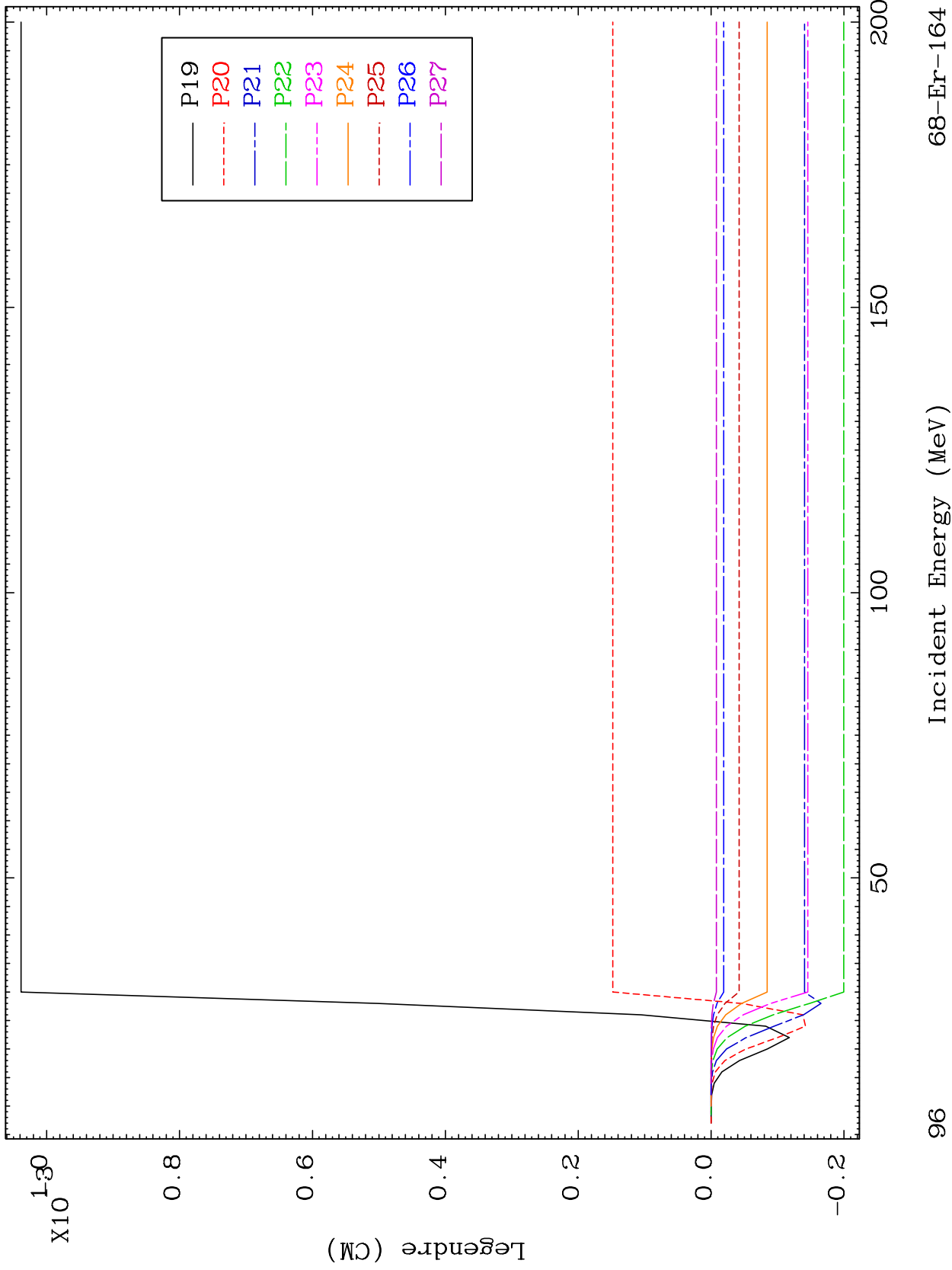
68-Er-164

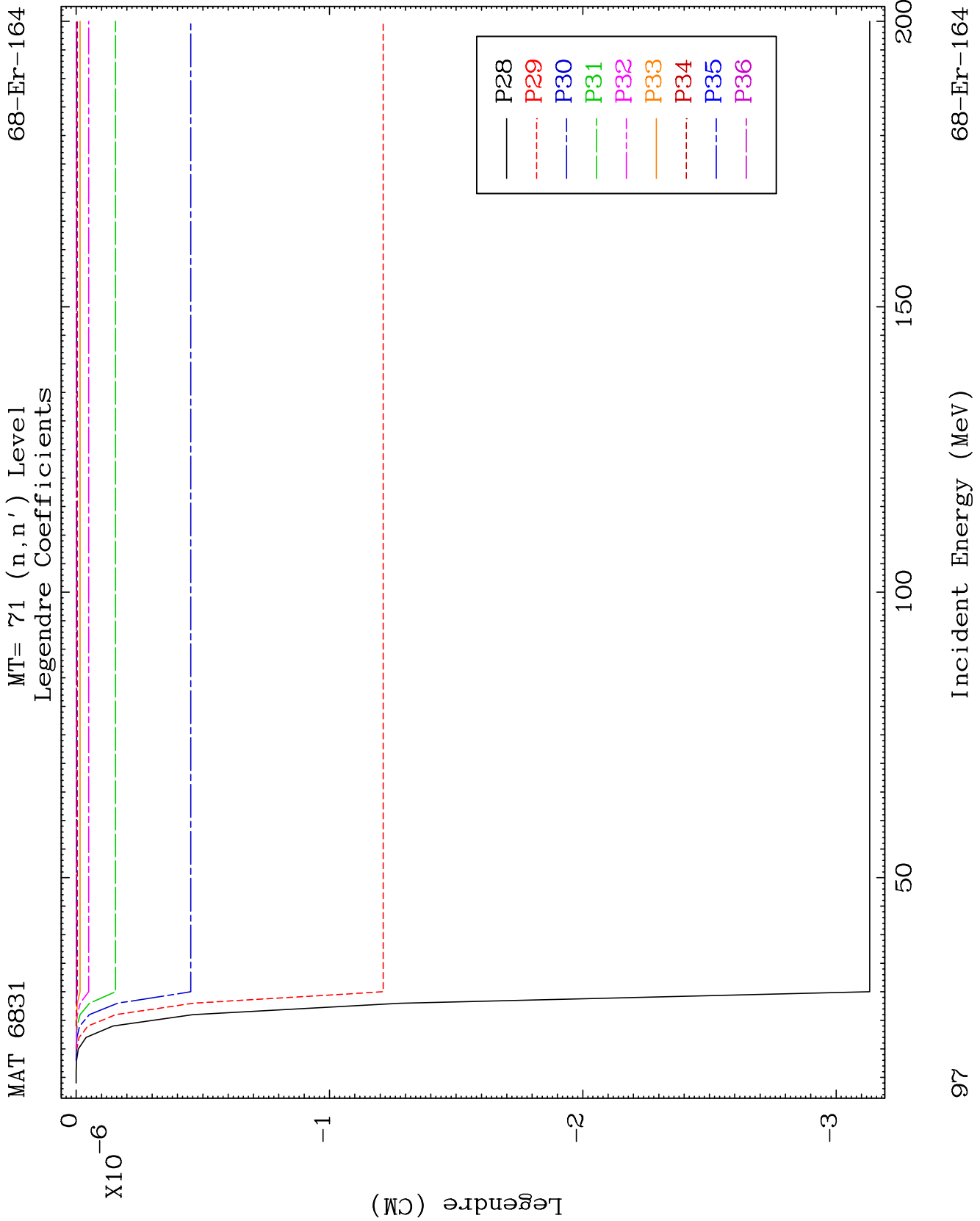


95

Incident Energy (MeV)

68-Er-164

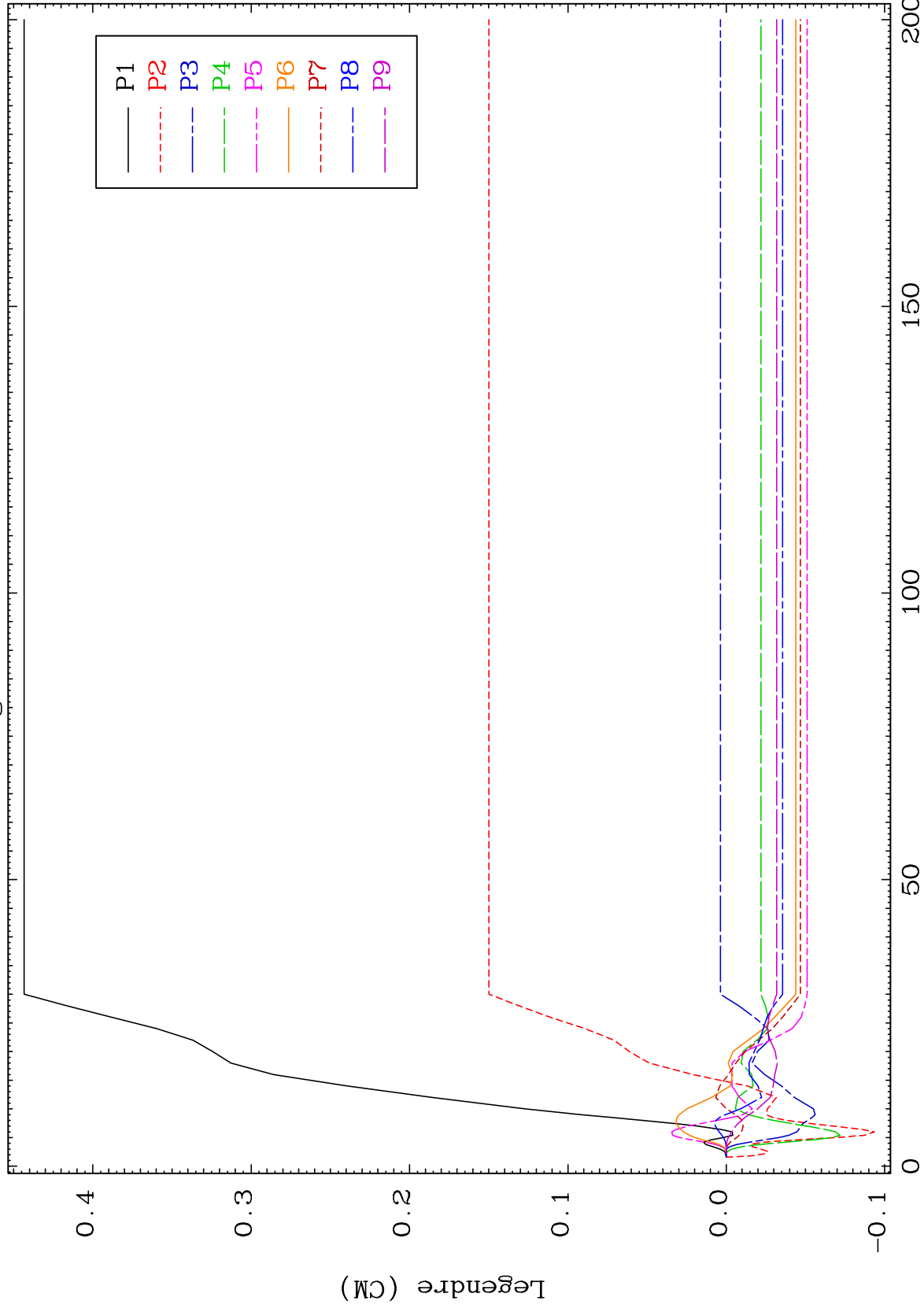




MAT 6831

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

68-Er-164



98

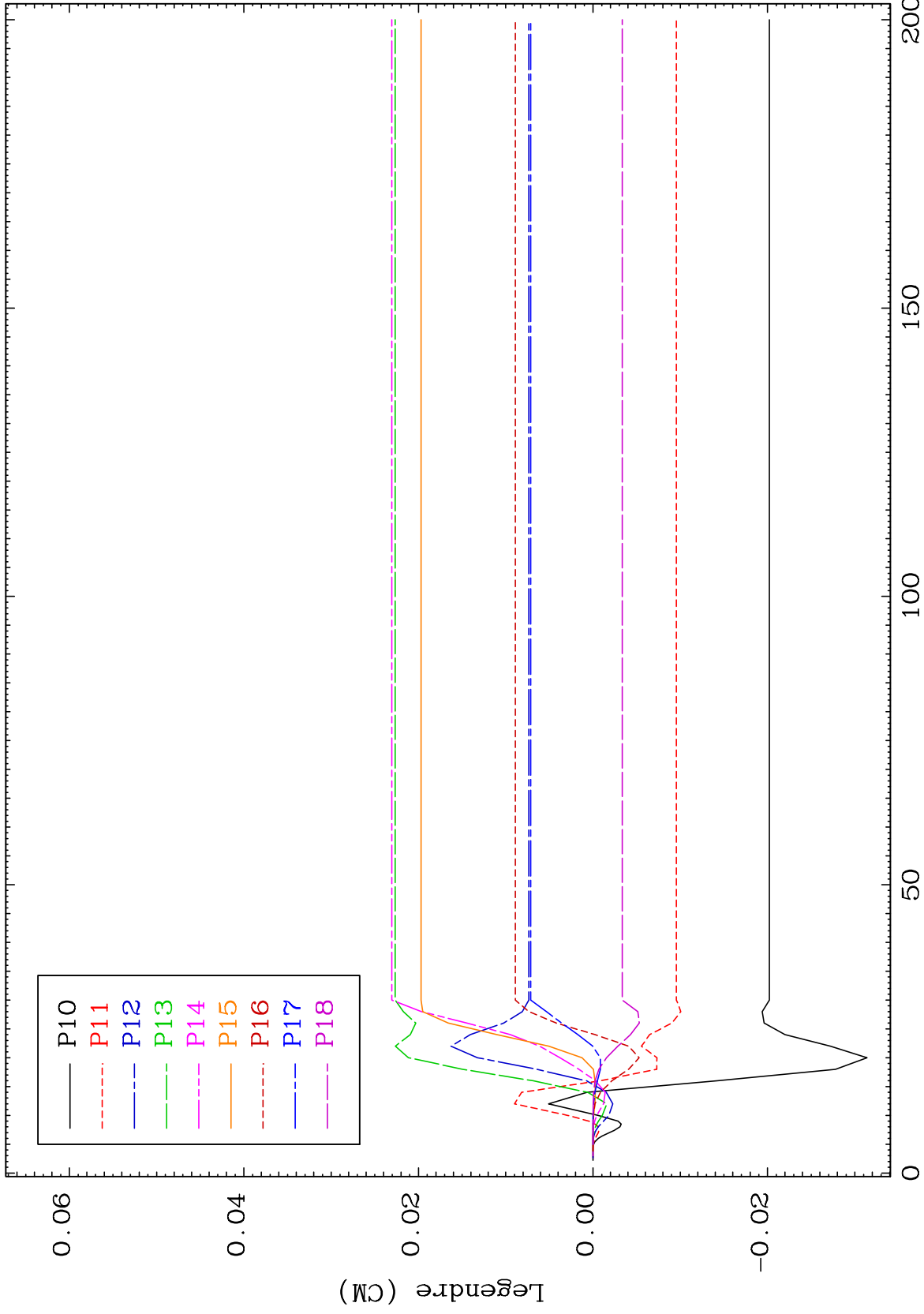
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



99

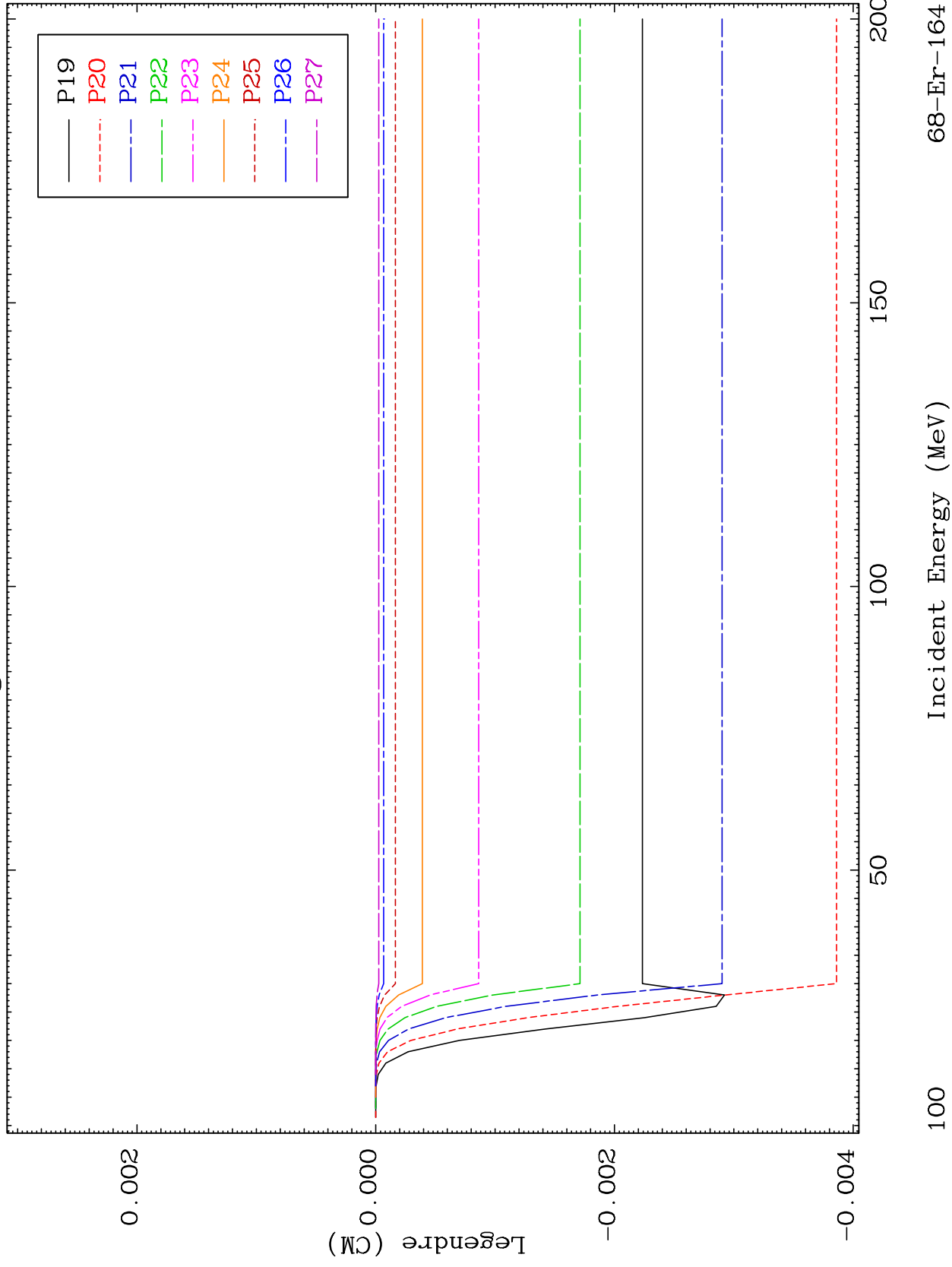
Incident Energy (MeV)

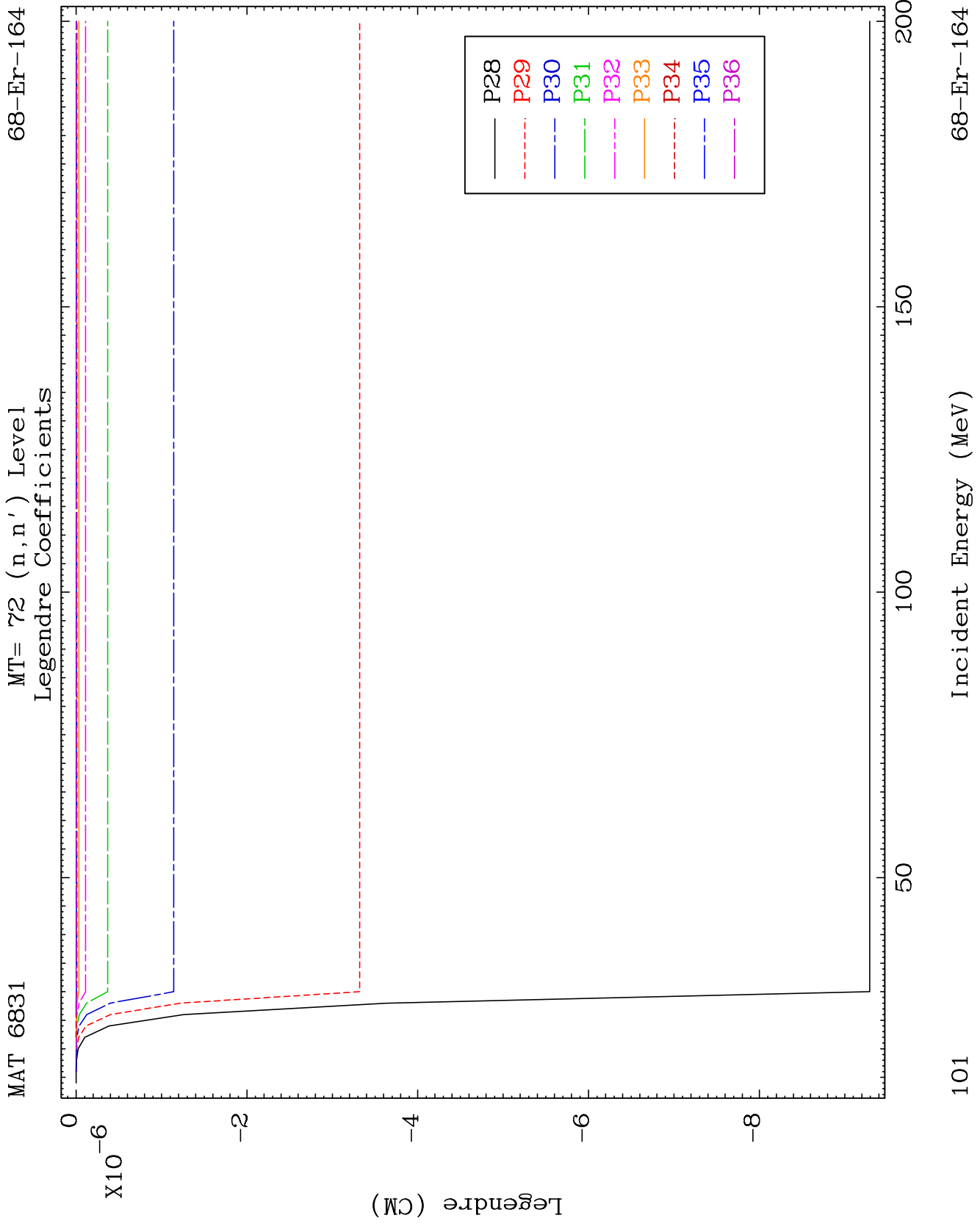
68-Er-164

MAT 6831

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

68-Er-164

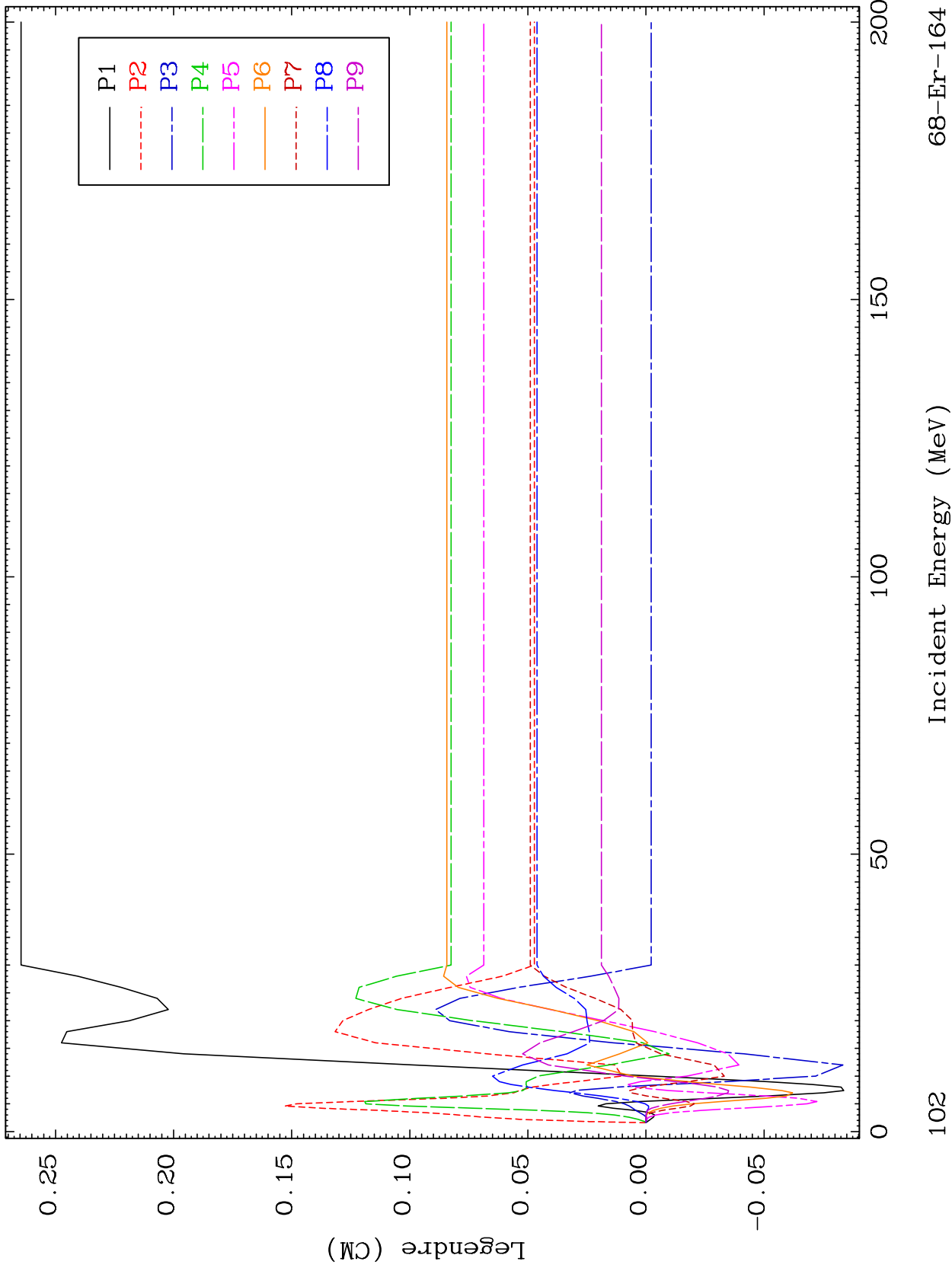




MAT 6831

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

68-Er-164



68-Er-164

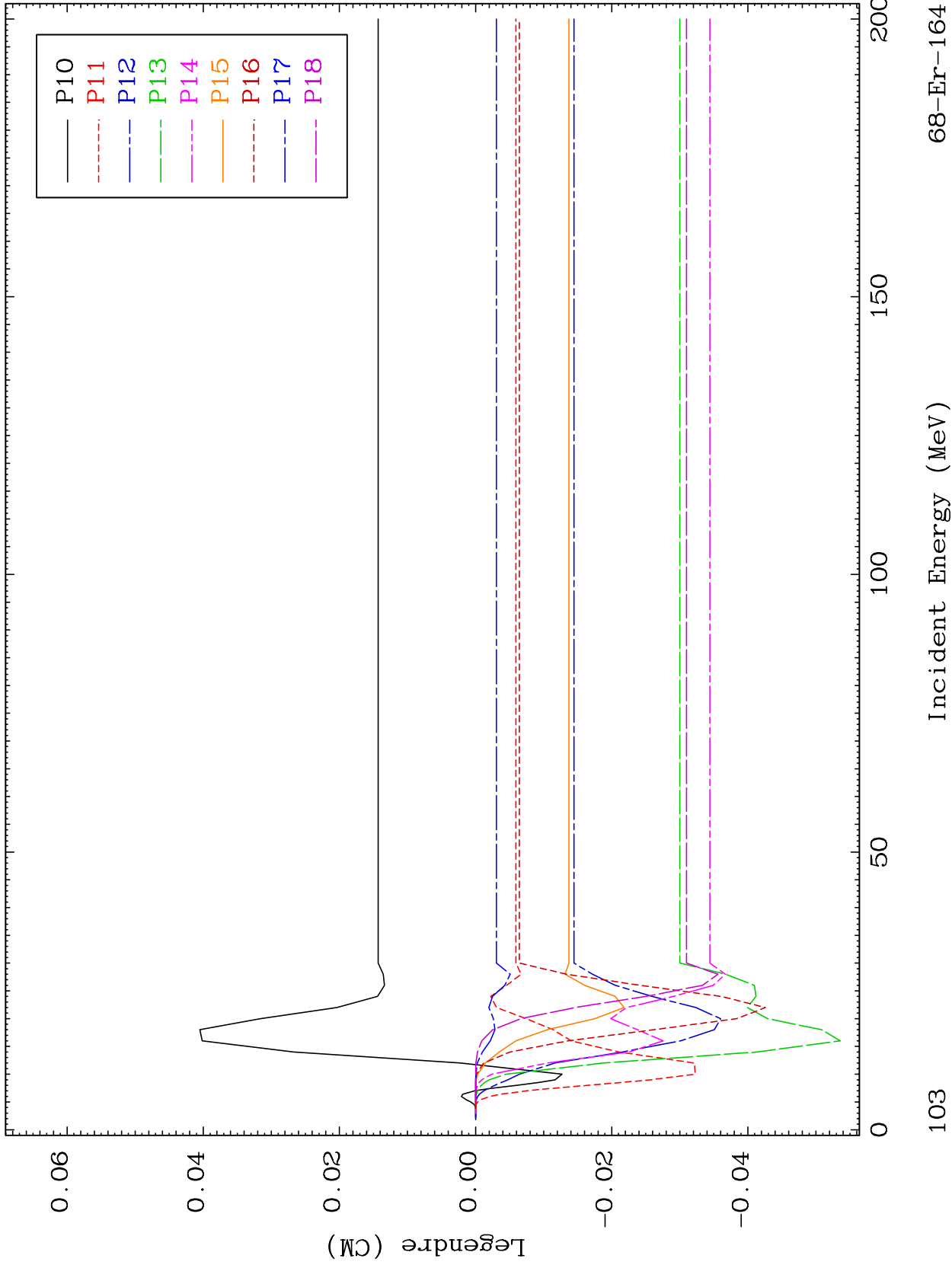
Incident Energy (MeV)

102

MAT 6831

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

68-Er-164



68-Er-164

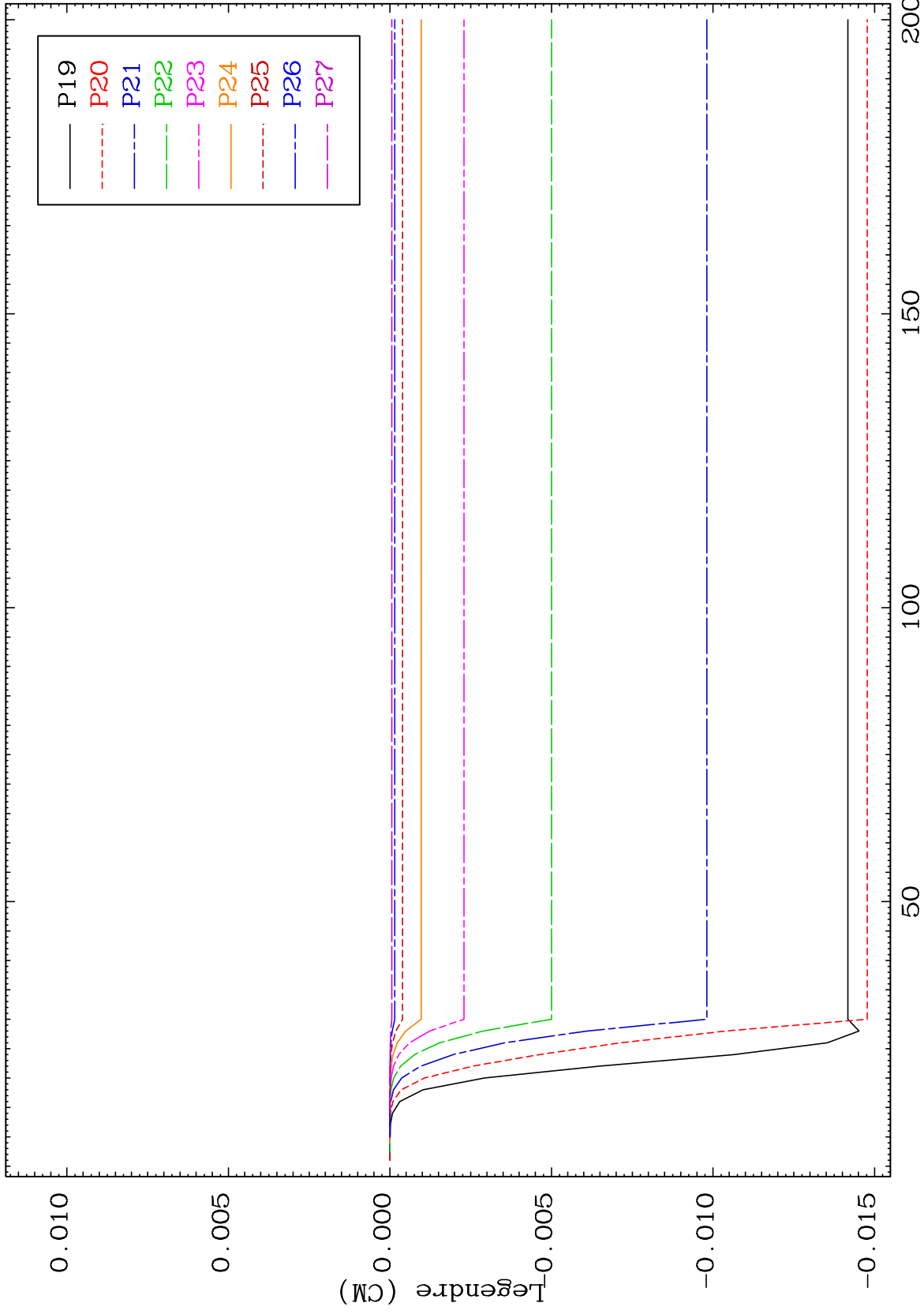
Incident Energy (MeV)

103

MAT 6831

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

68-Er-164



104

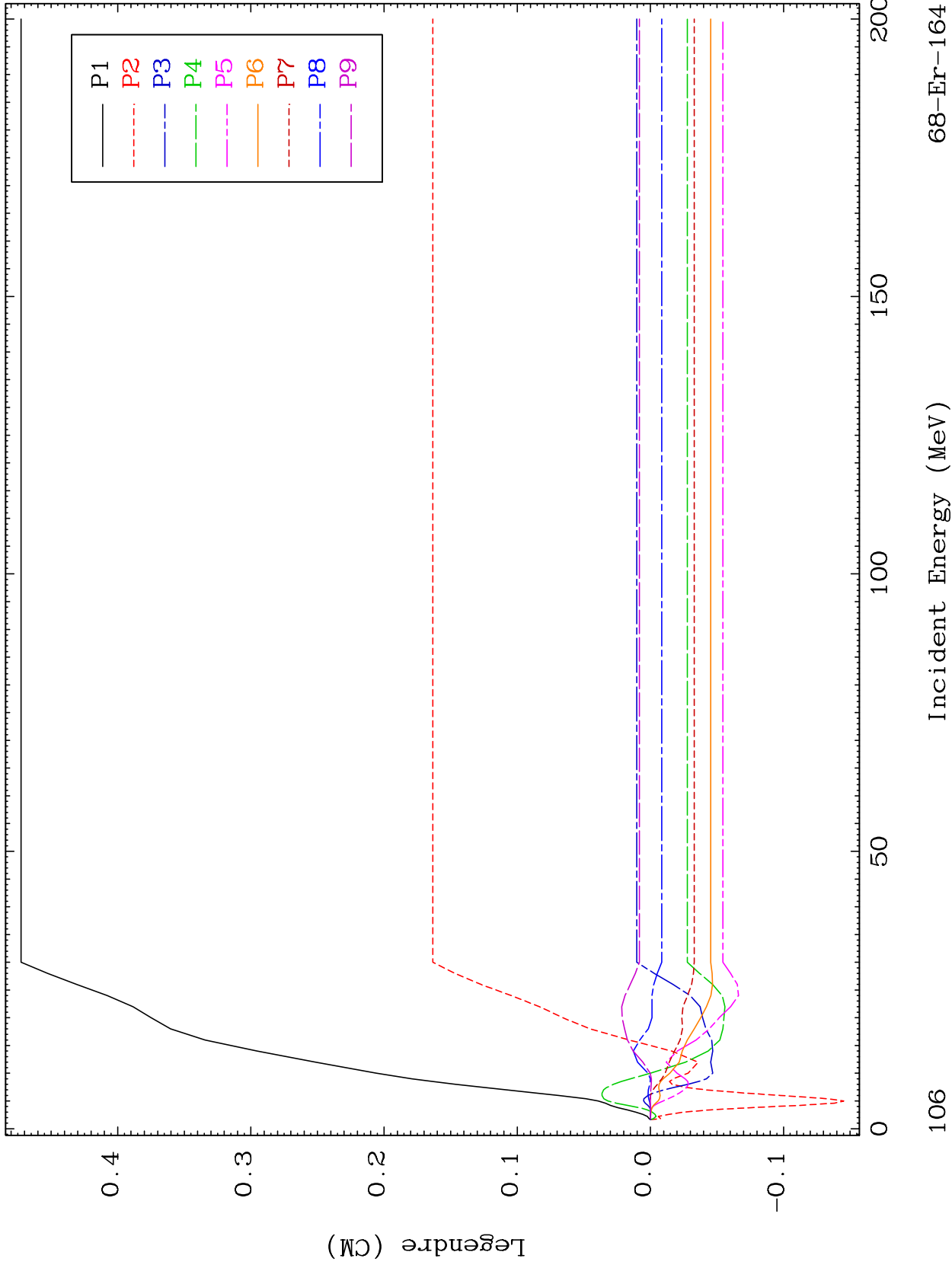
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



68-Er-164

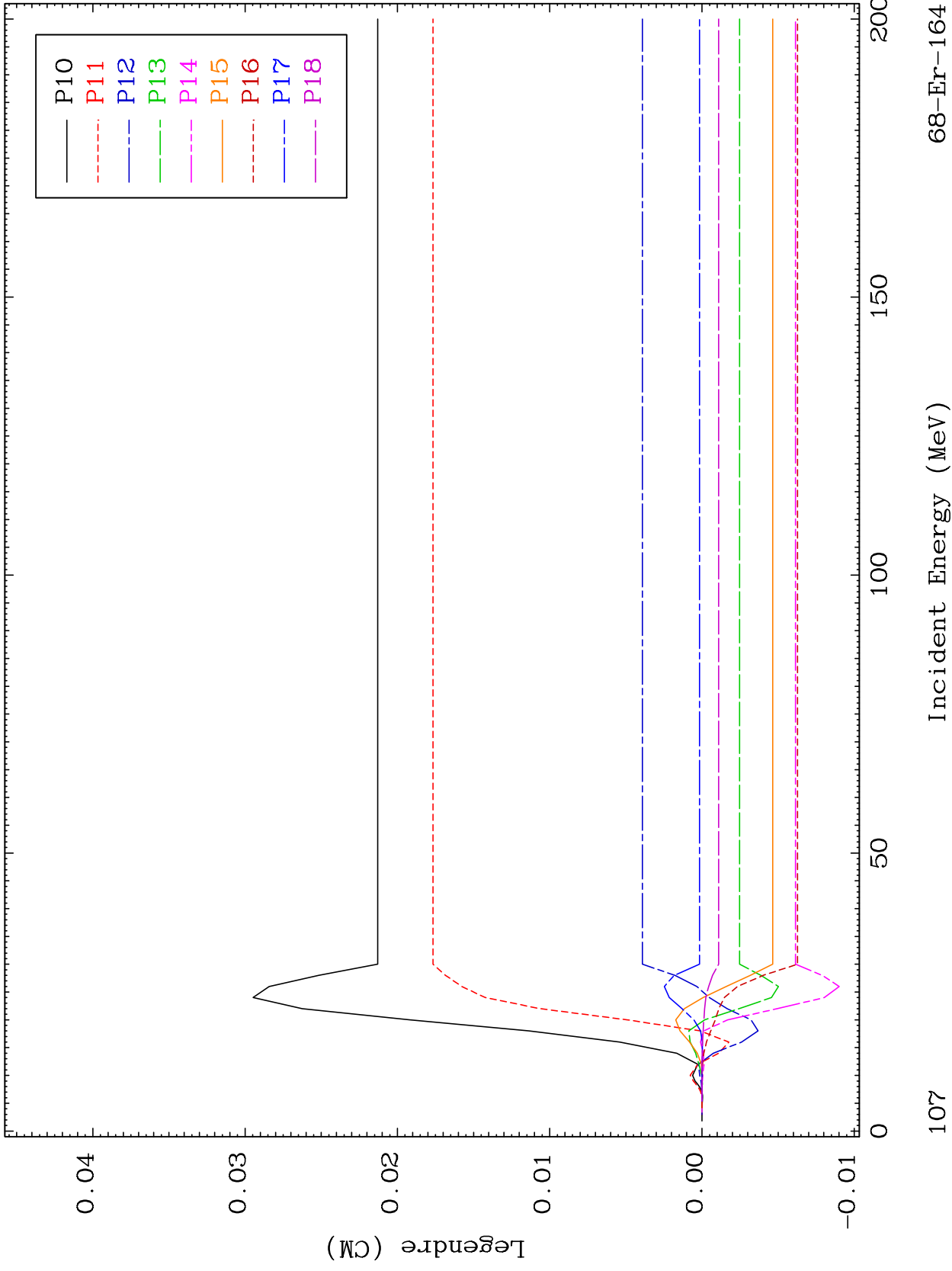
Incident Energy (MeV)

106

MAT 6831

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

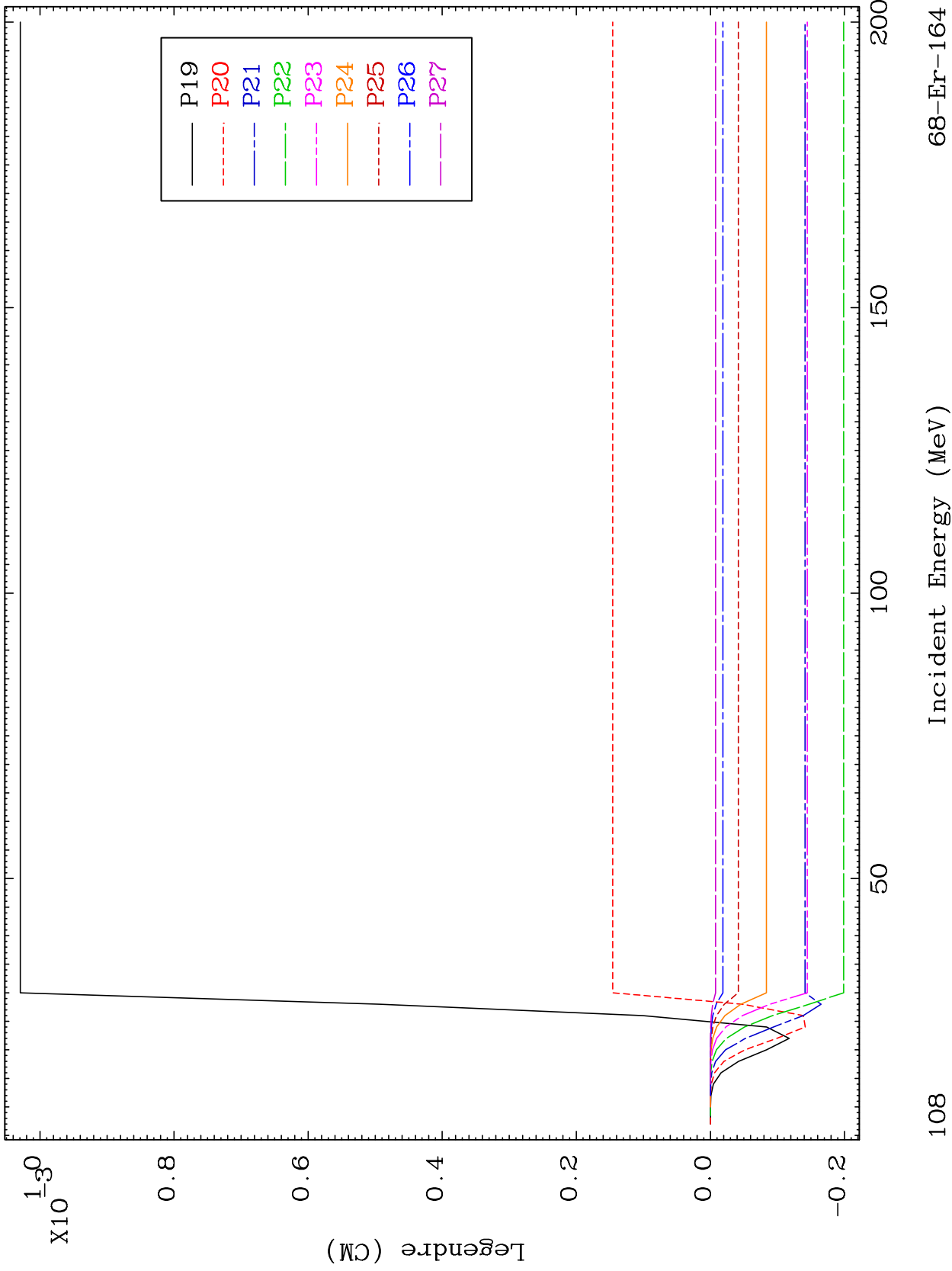
68-Er-164

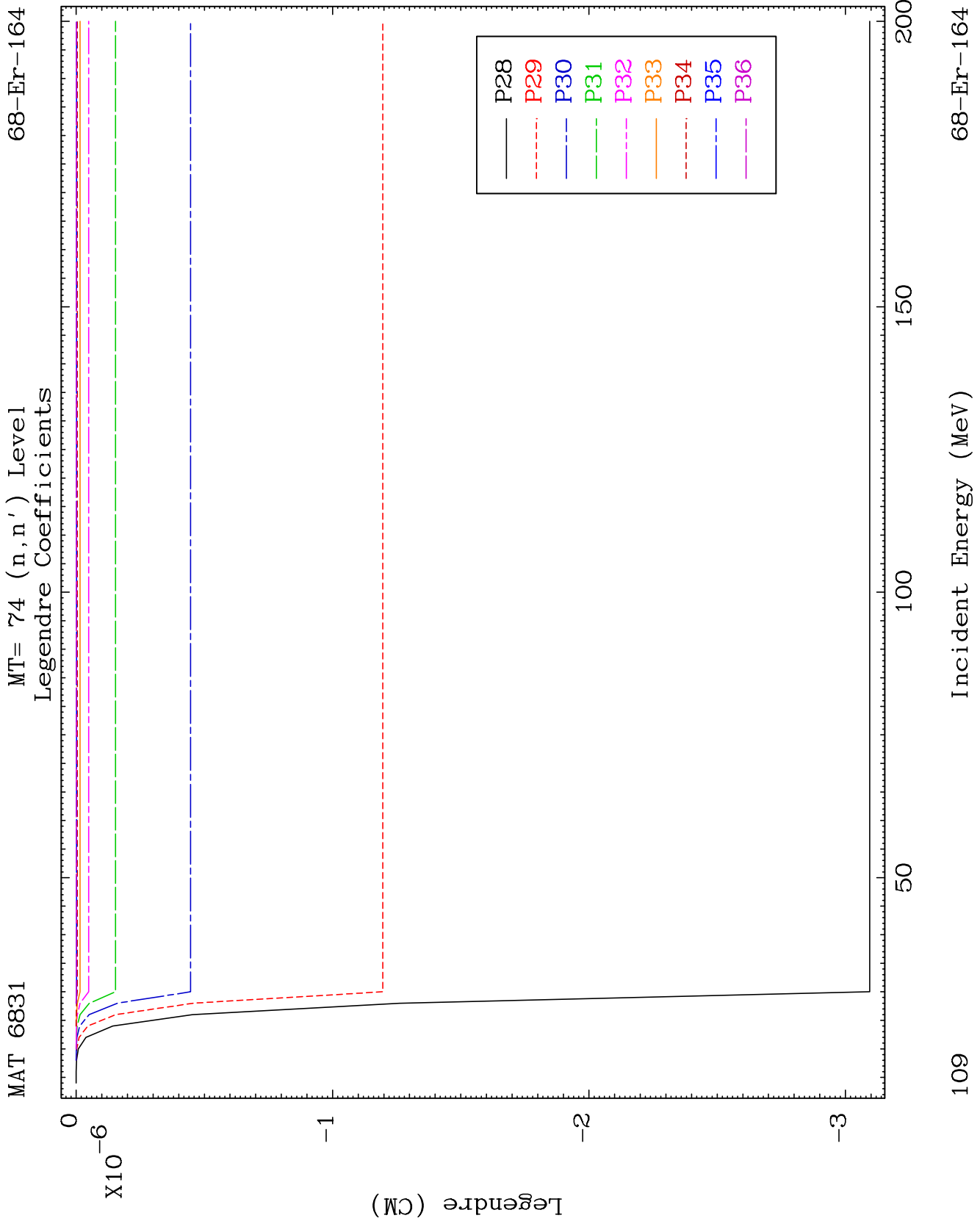


107

Incident Energy (MeV)

68-Er-164

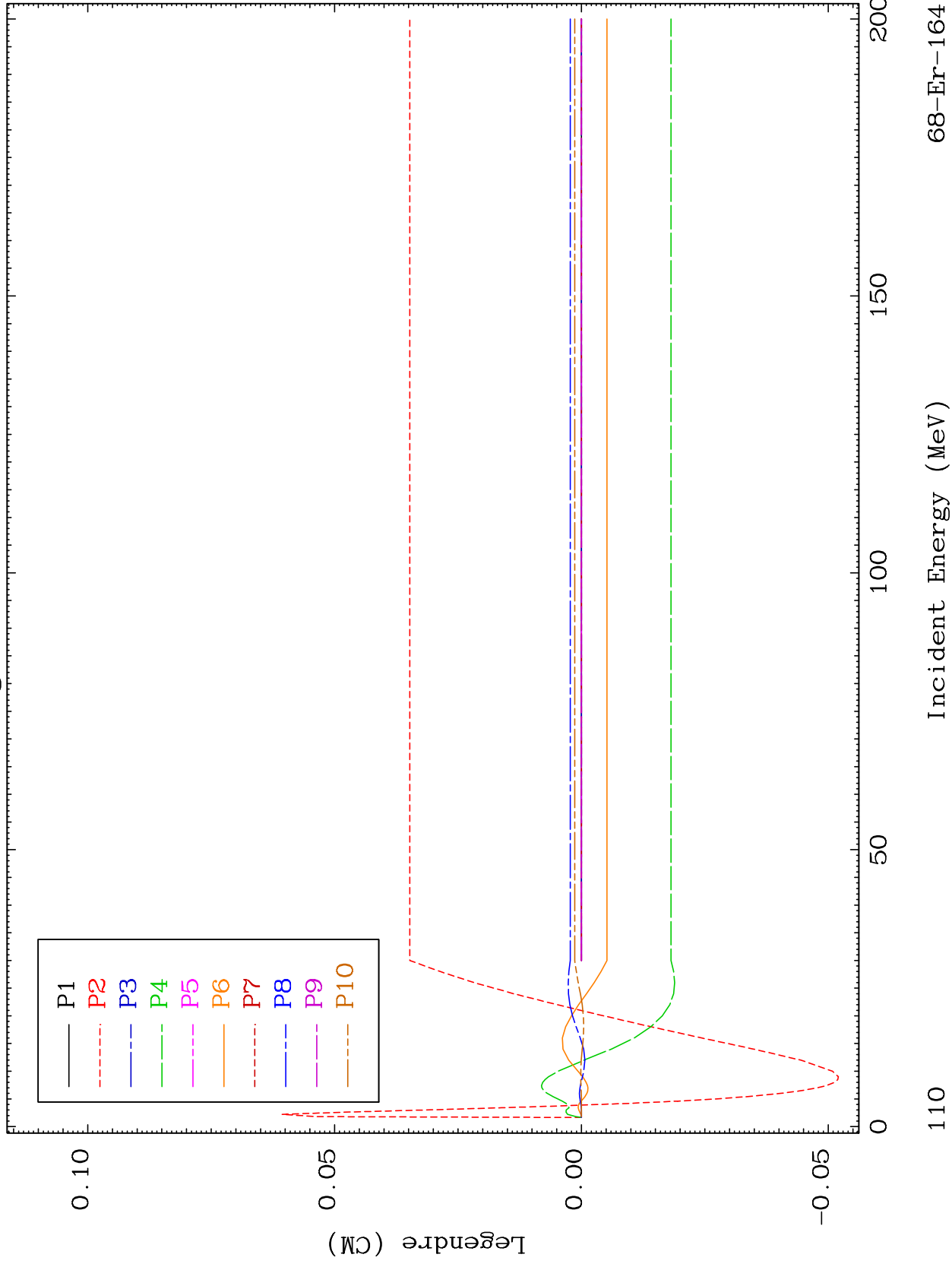




MAT 6831

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

68-Er-164



68-Er-164

Incident Energy (MeV)

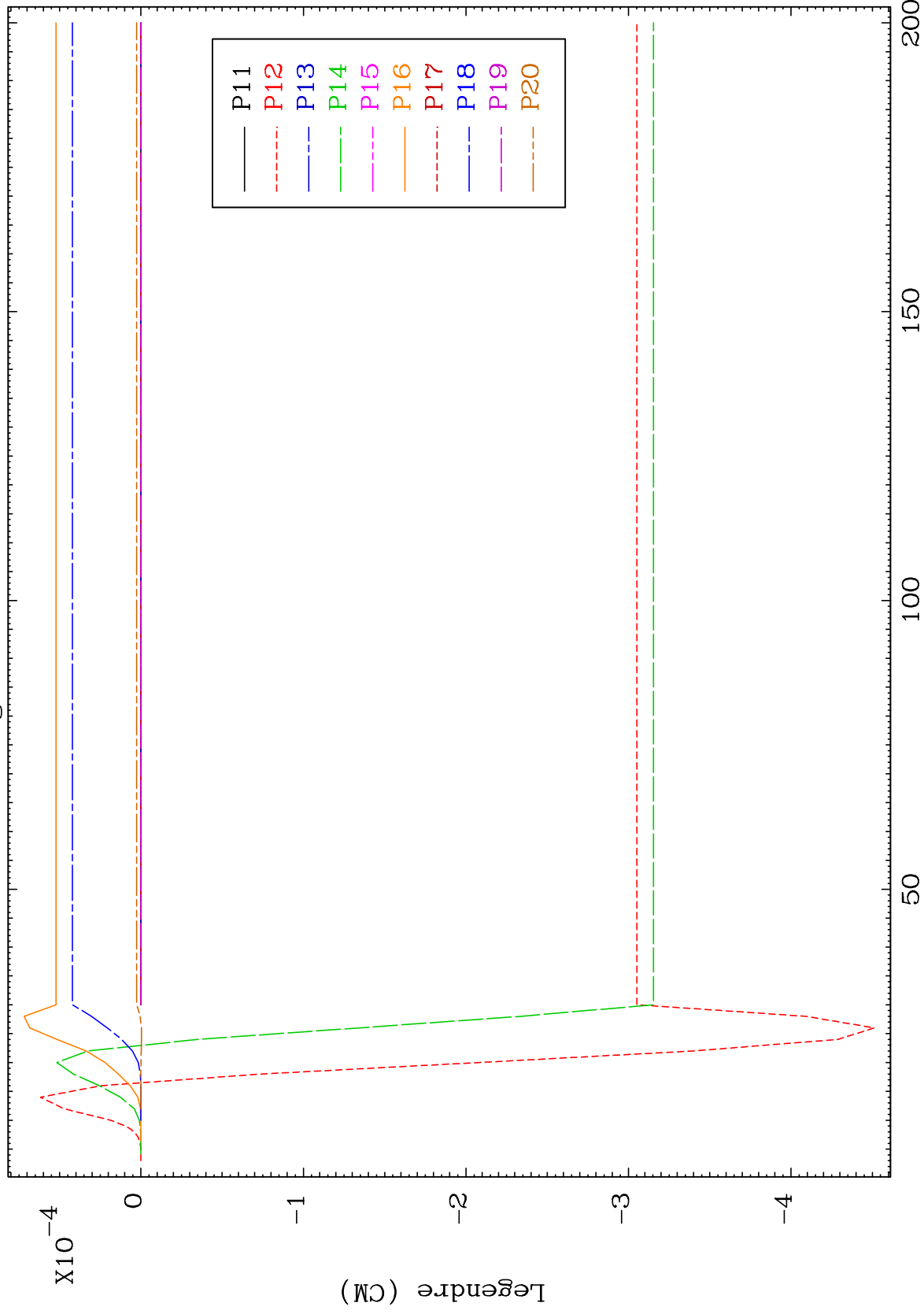
110

MAT 6831

MT= 75 (n,n') Level

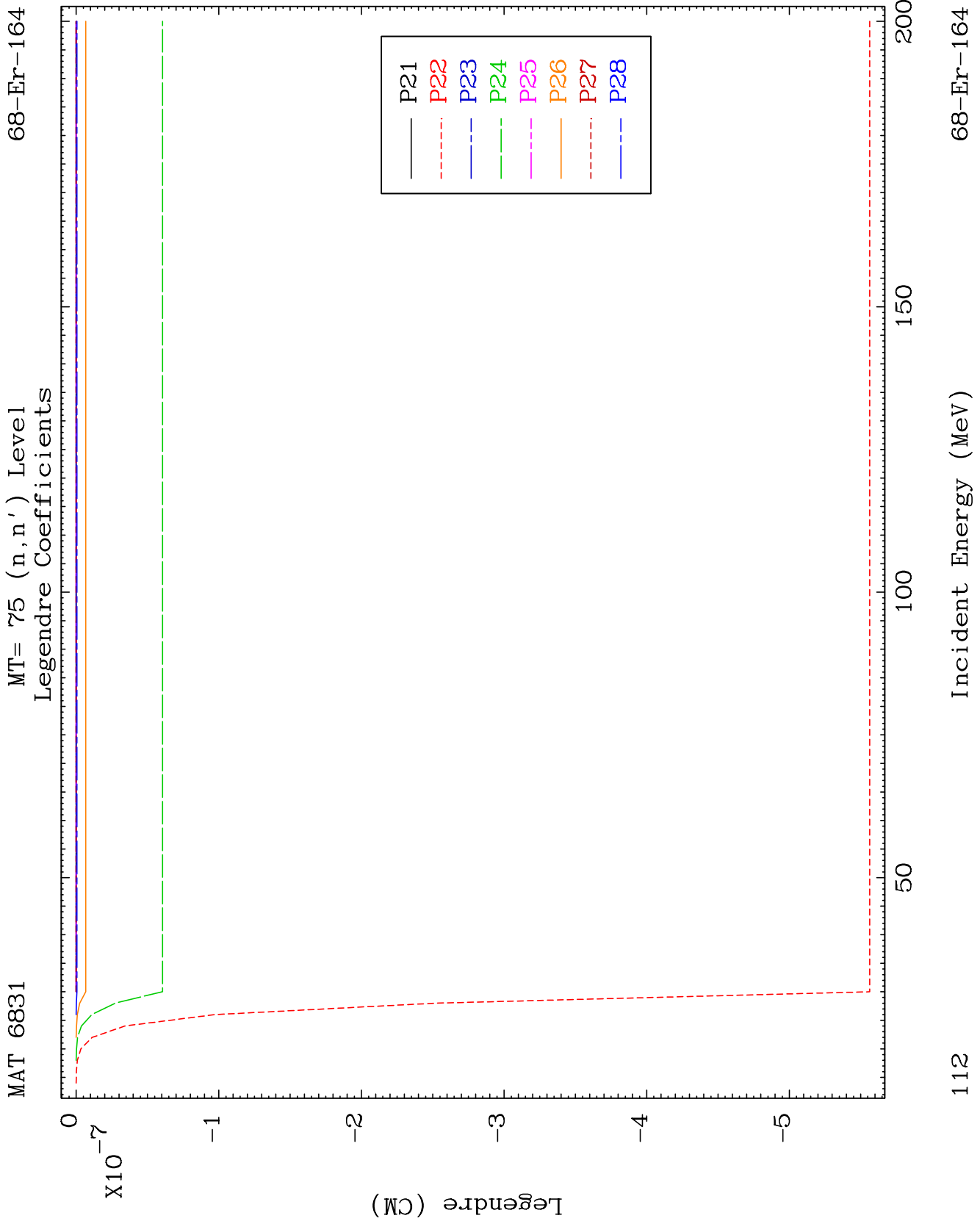
68-Er-164

Legendre Coefficients



111

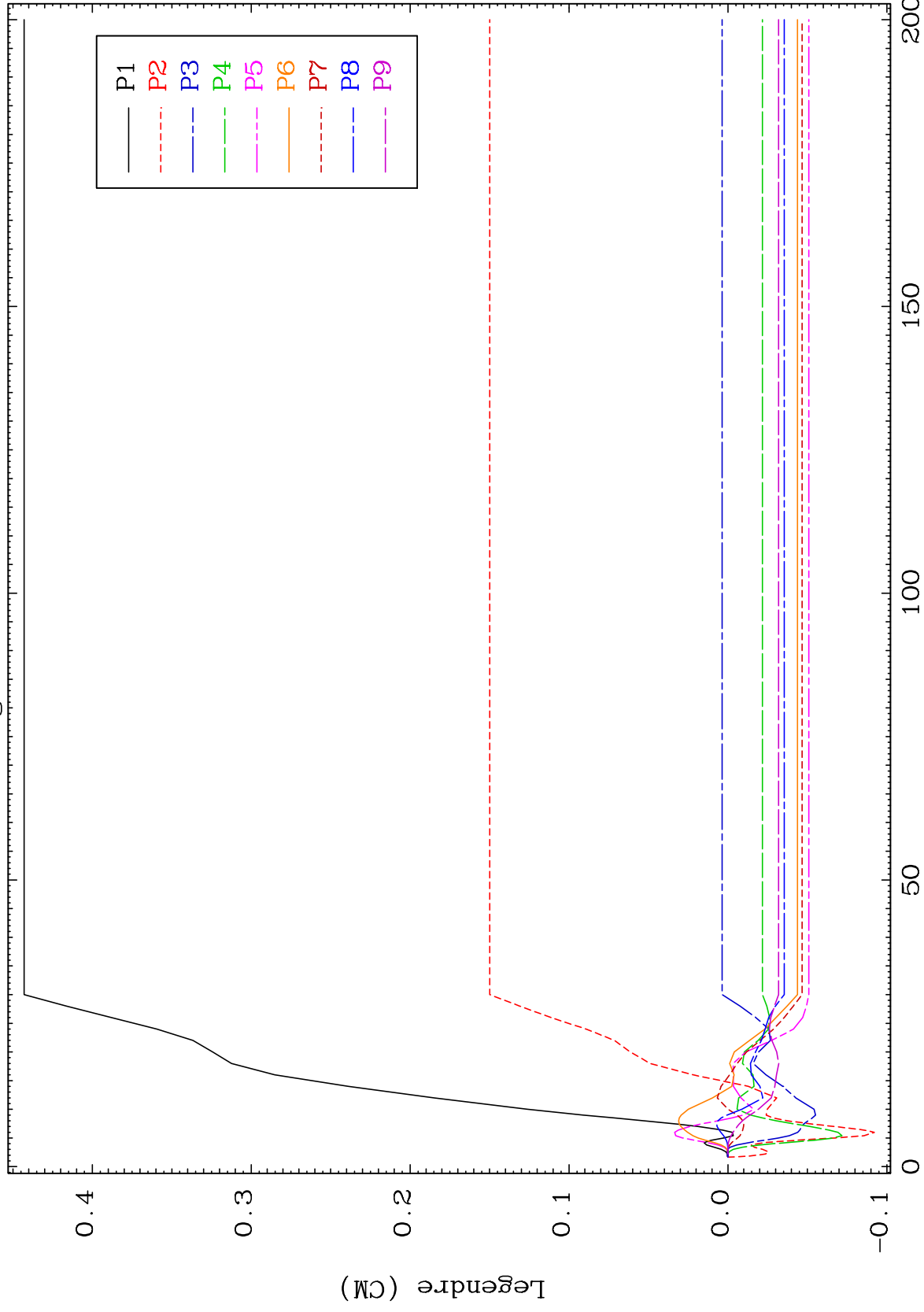
68-Er-164



MAT 6831

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

68-Er-164



68-Er-164

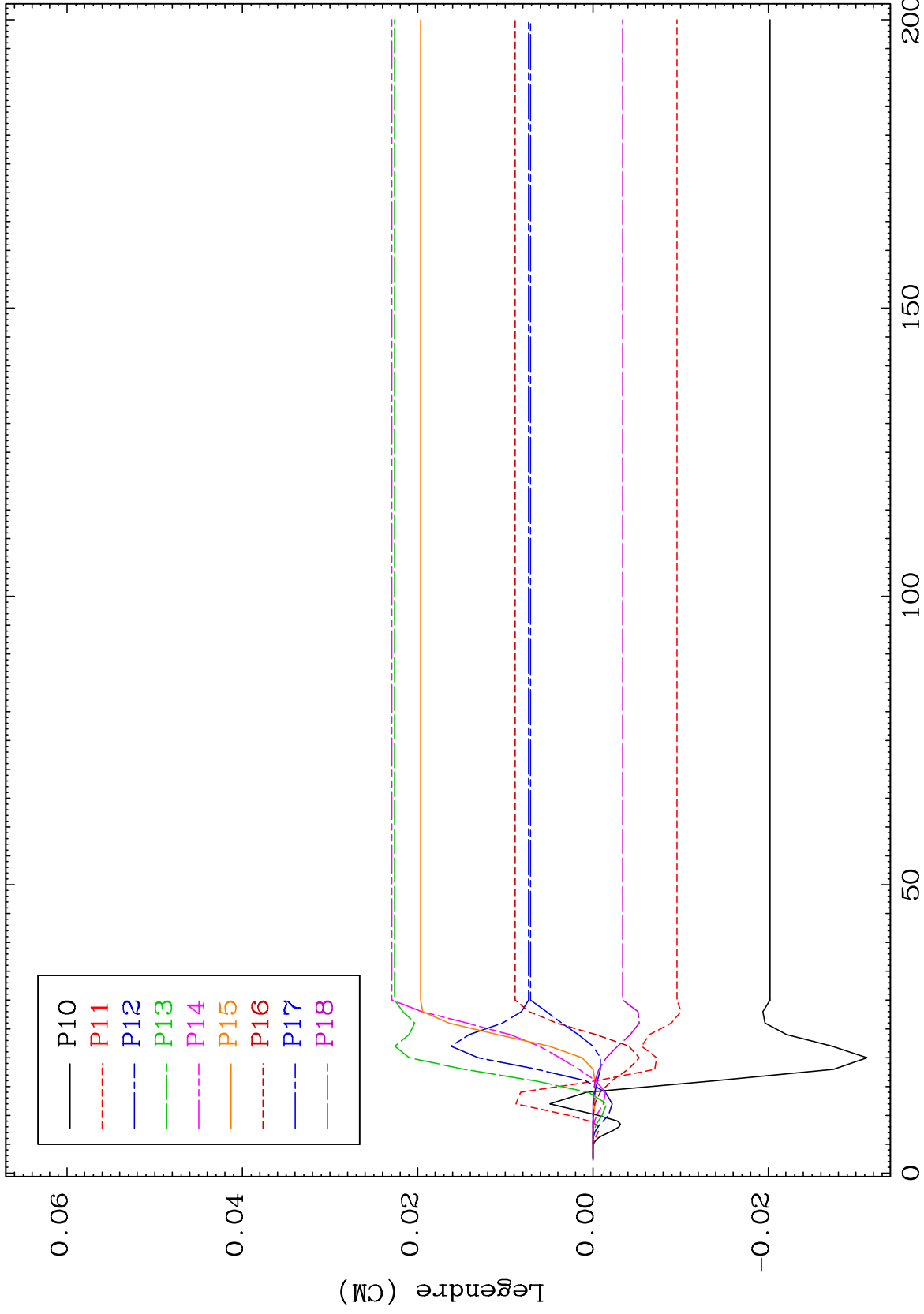
Incident Energy (MeV)

113

MAT 6831

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

68-Er-164



114

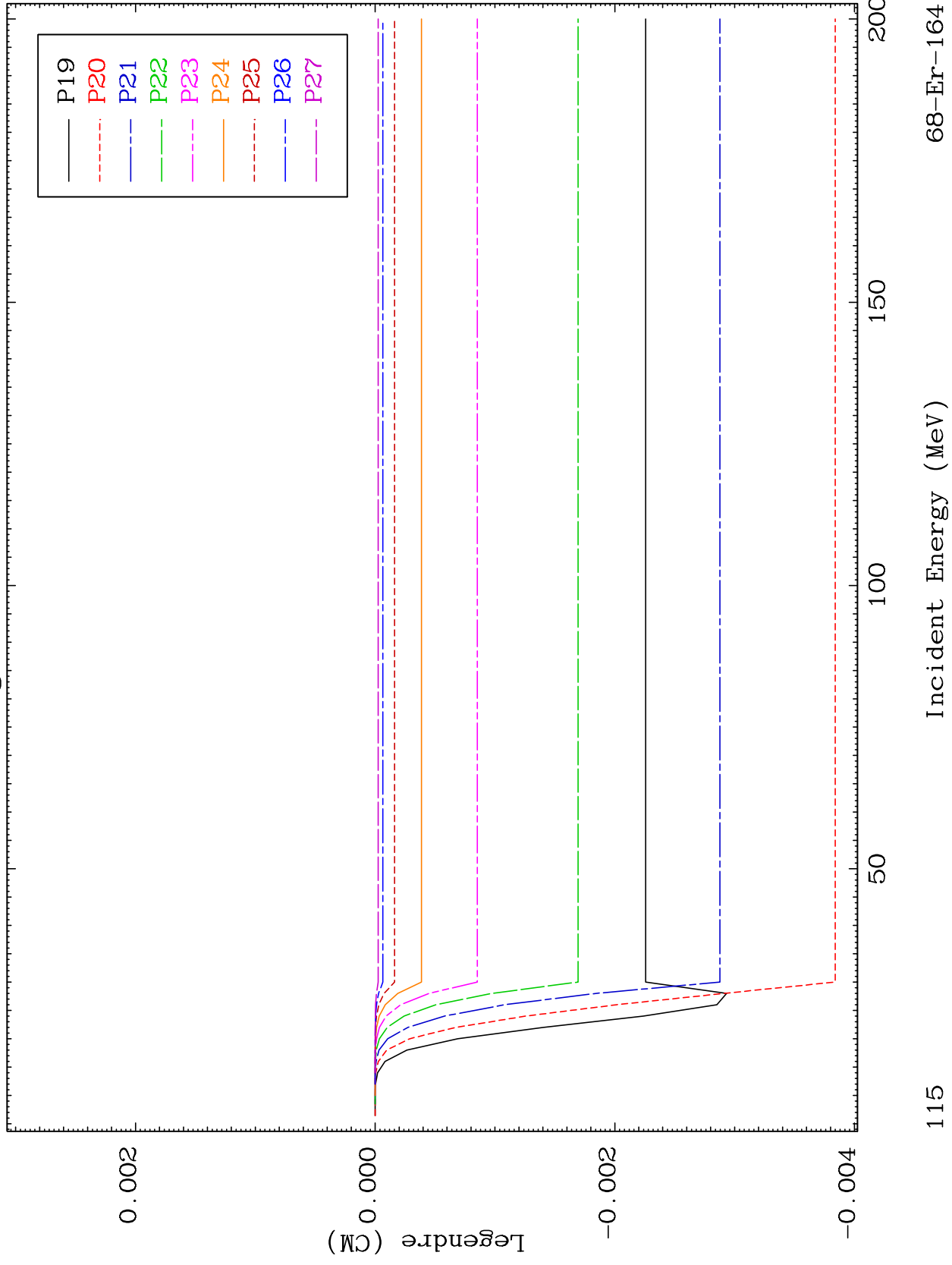
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



115

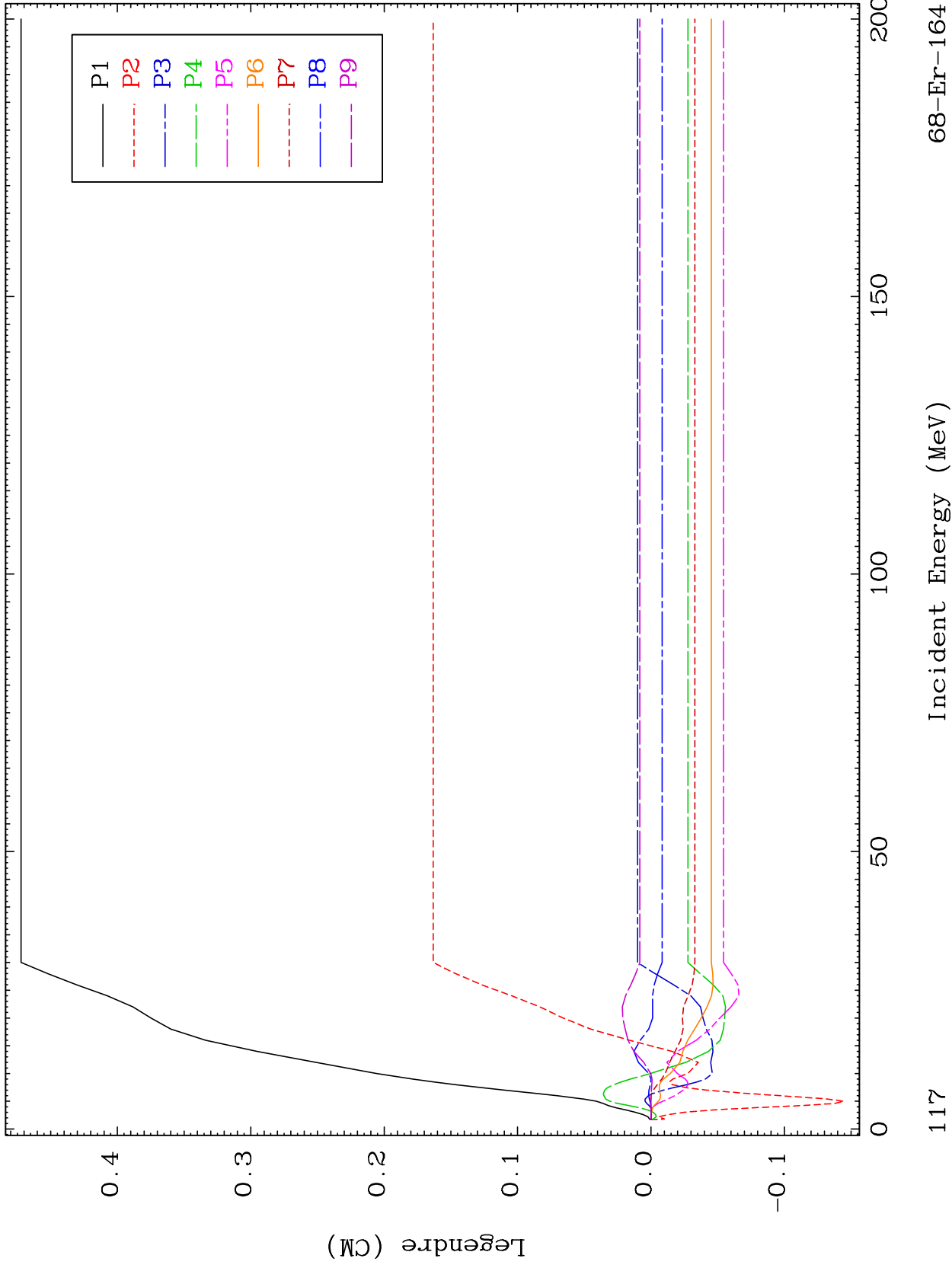
Incident Energy (MeV)

68-Er-164

MAT 6831

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

68-Er-164



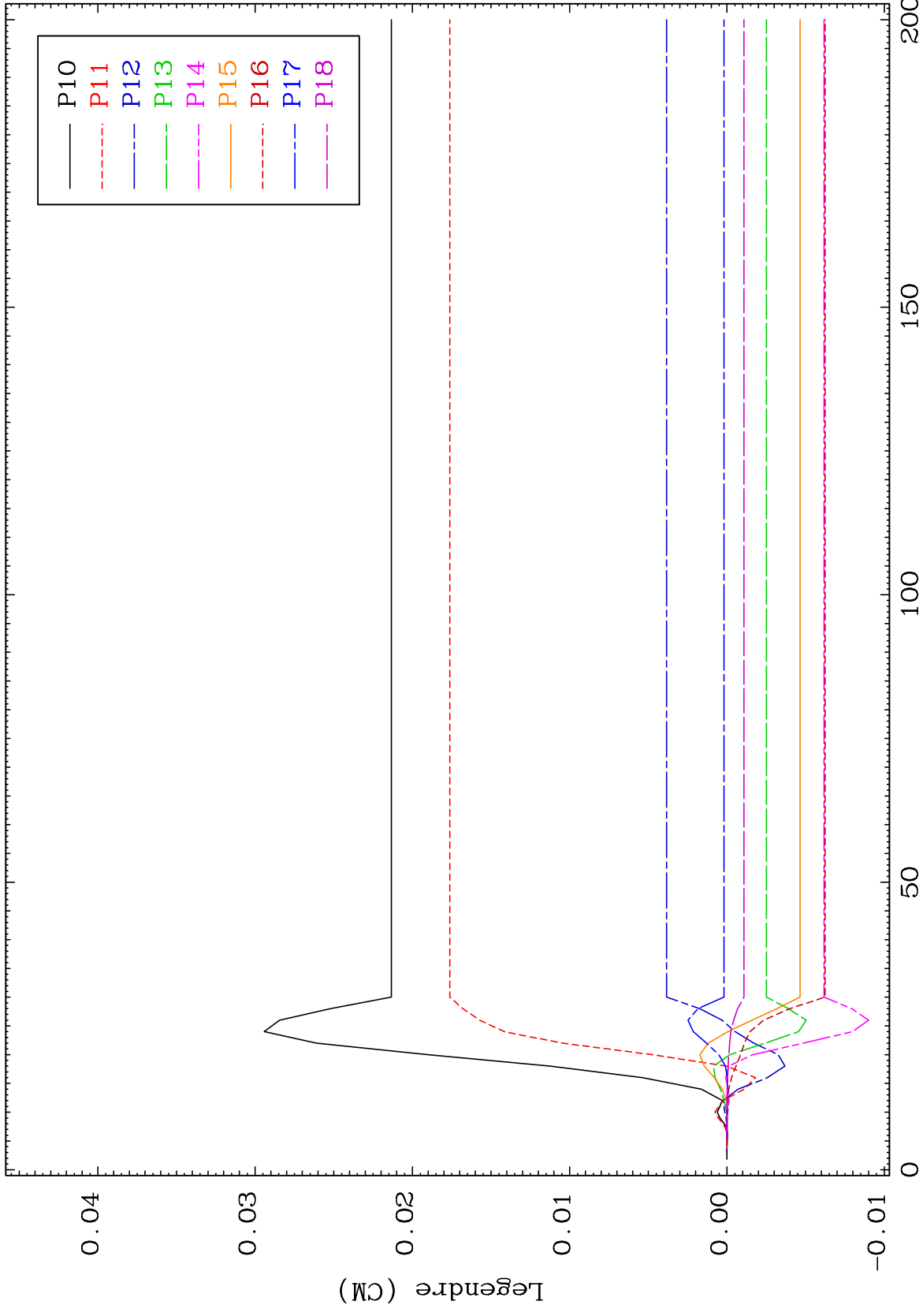
117

68-Er-164

MAT 6831

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

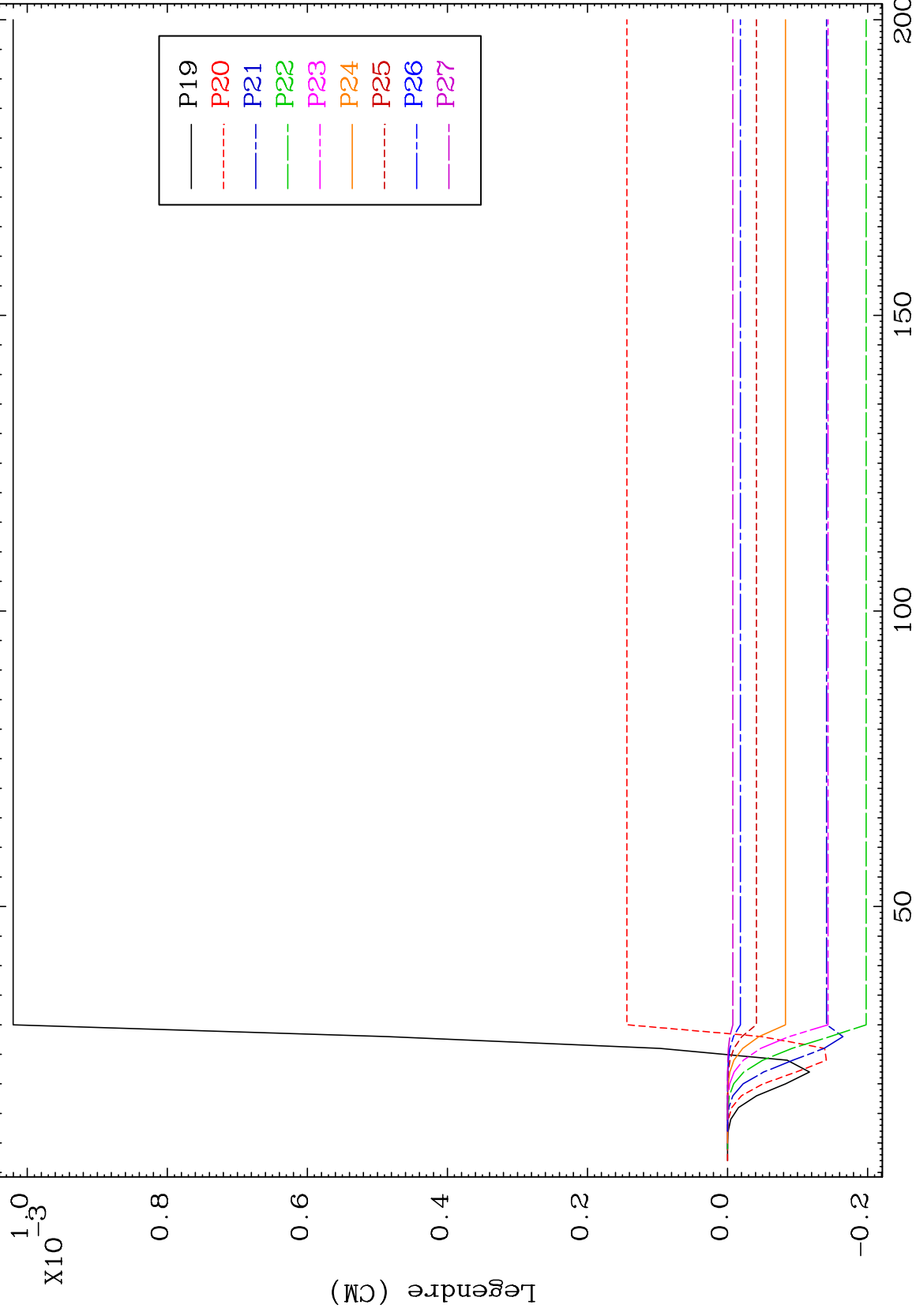
68-Er-164

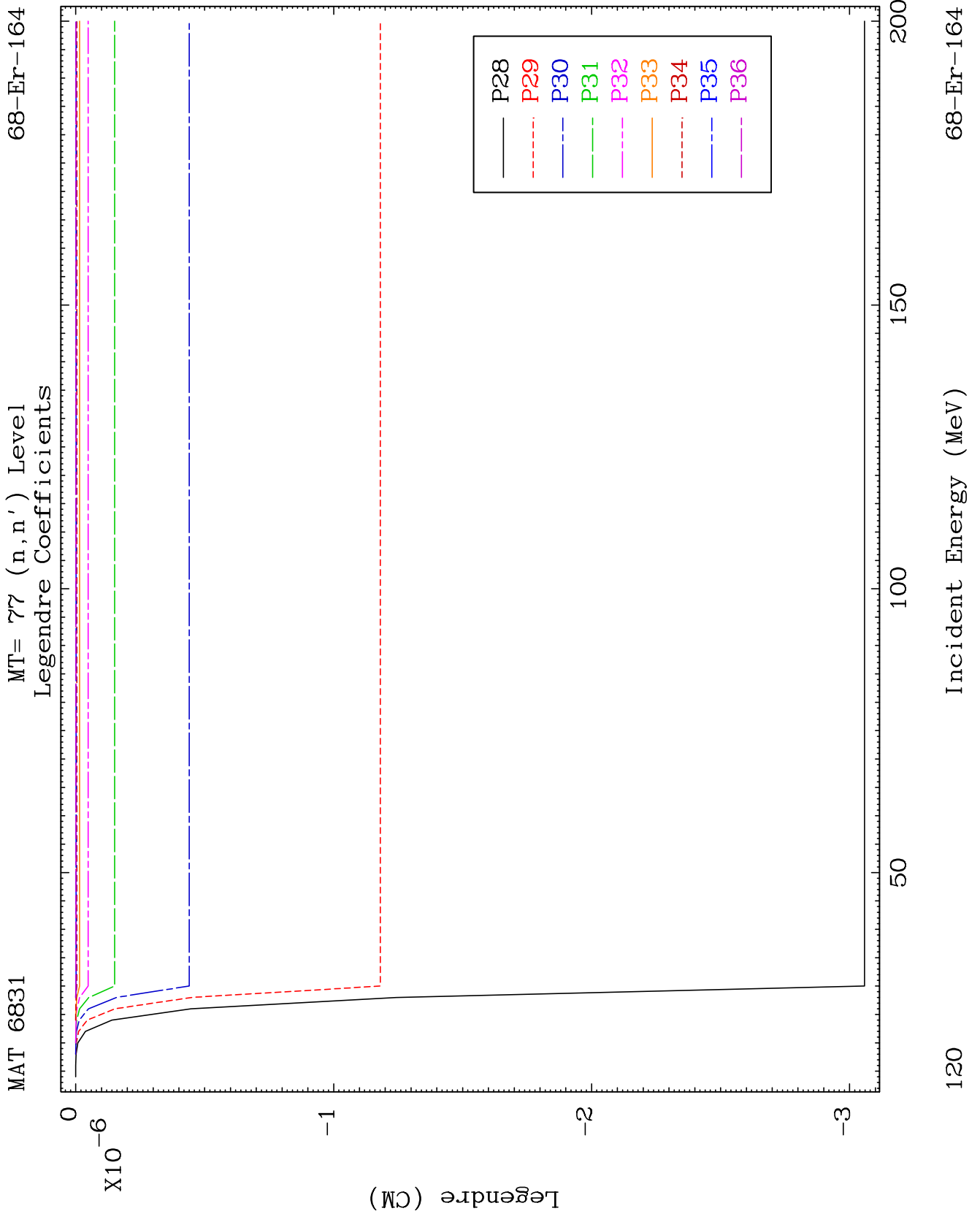


118

Incident Energy (MeV)

68-Er-164

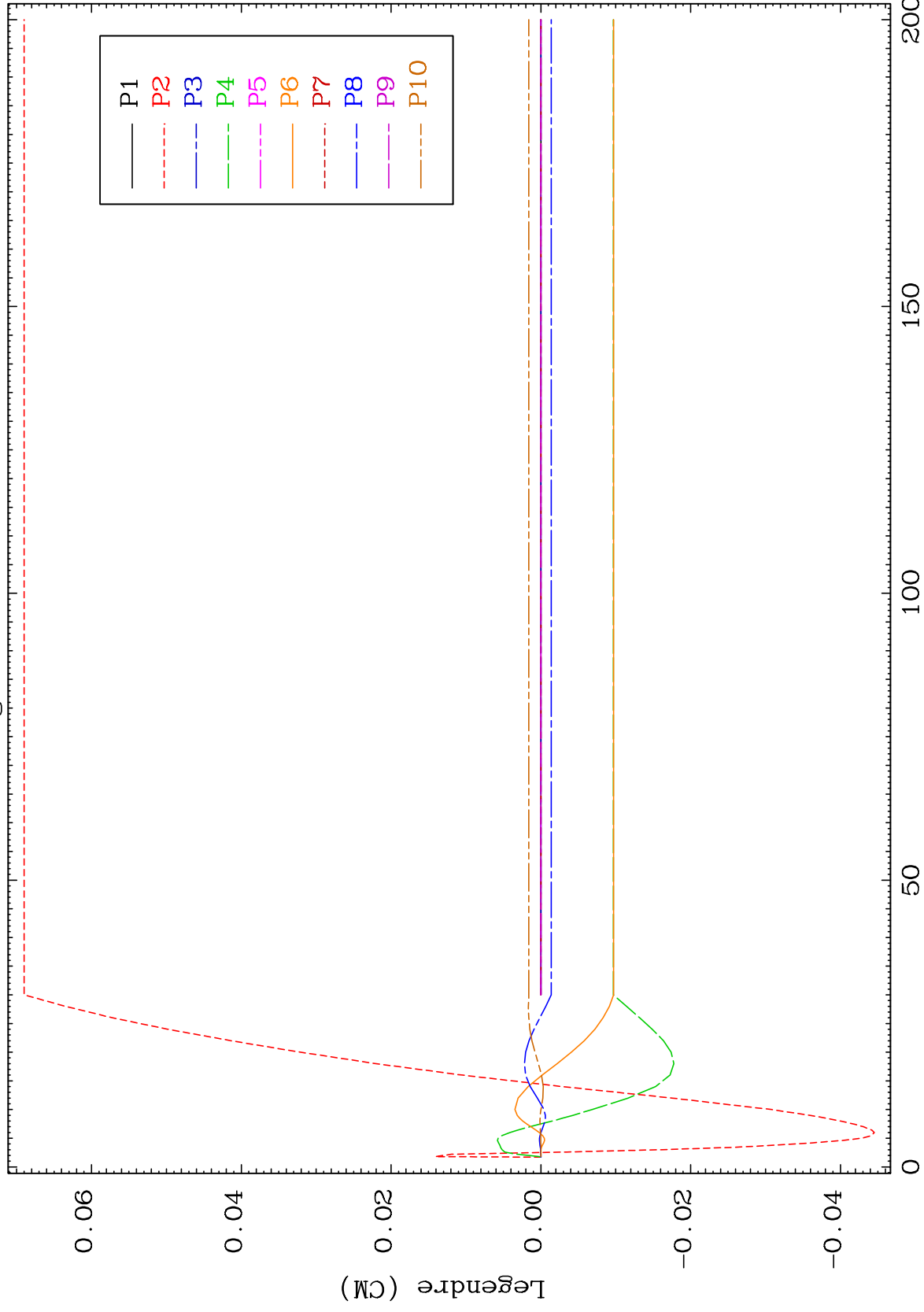




MAT 6831

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

68-Er-164



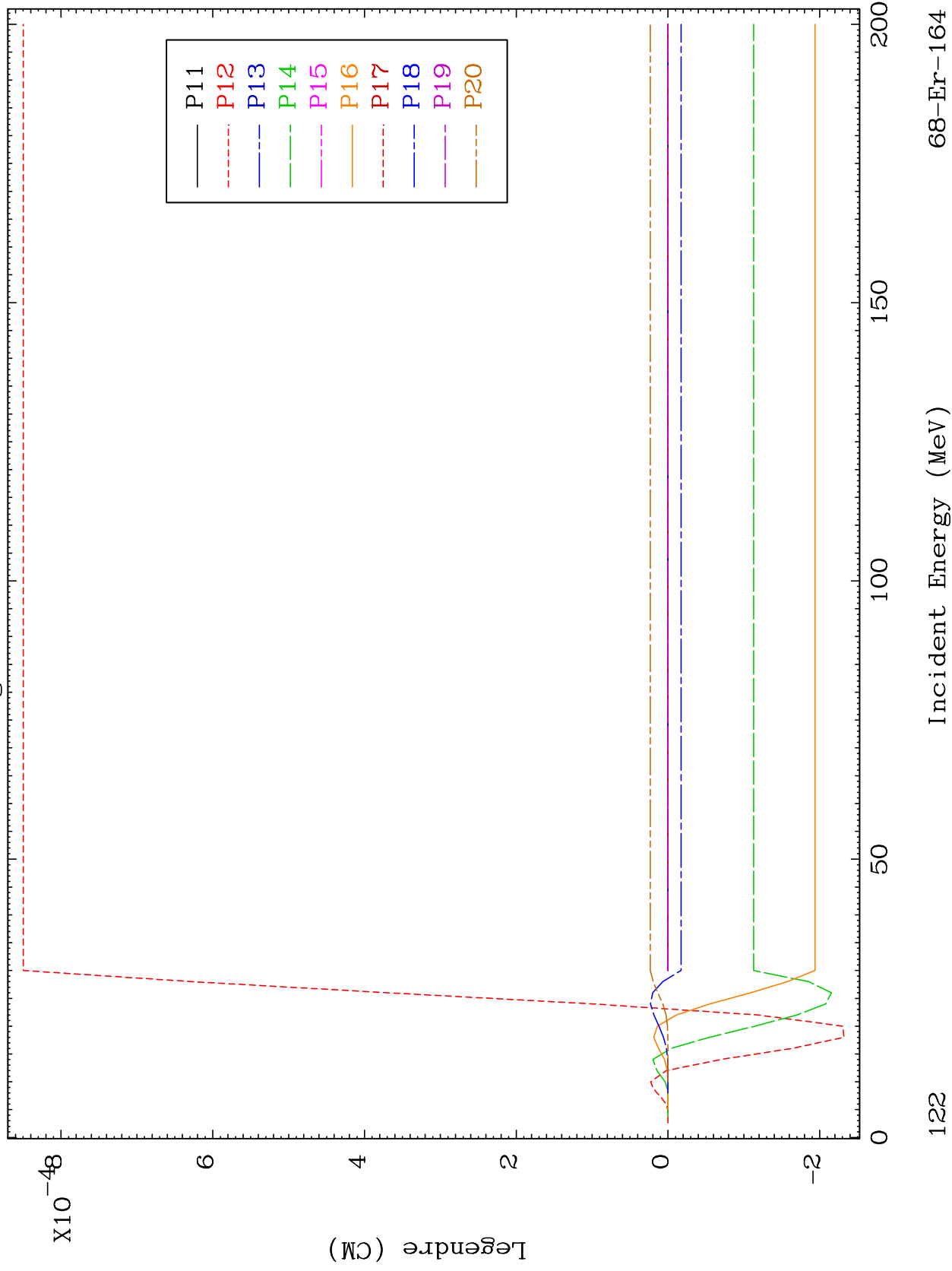
121

68-Er-164

MAT 6831

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

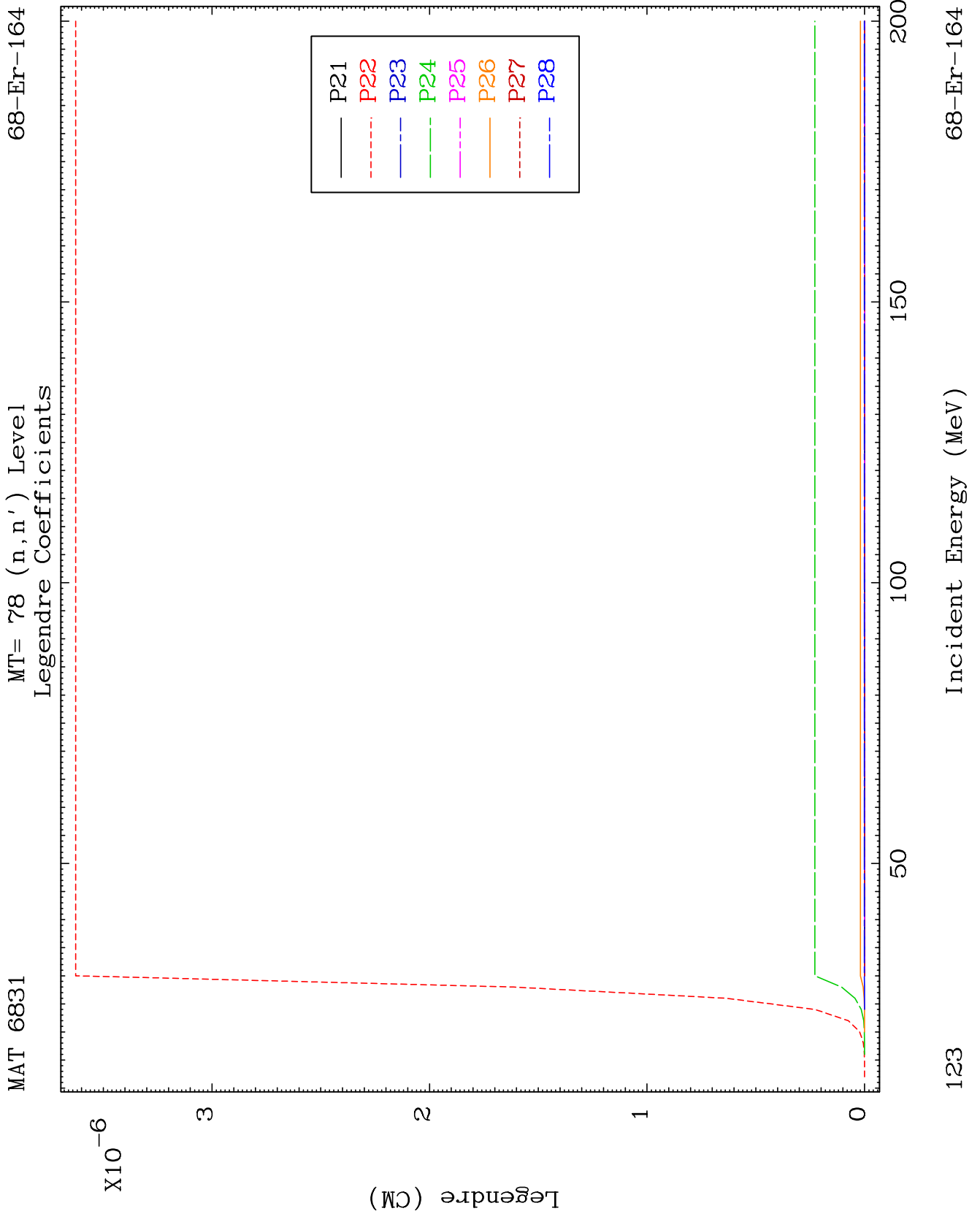
68-Er-164



122

Incident Energy (MeV)

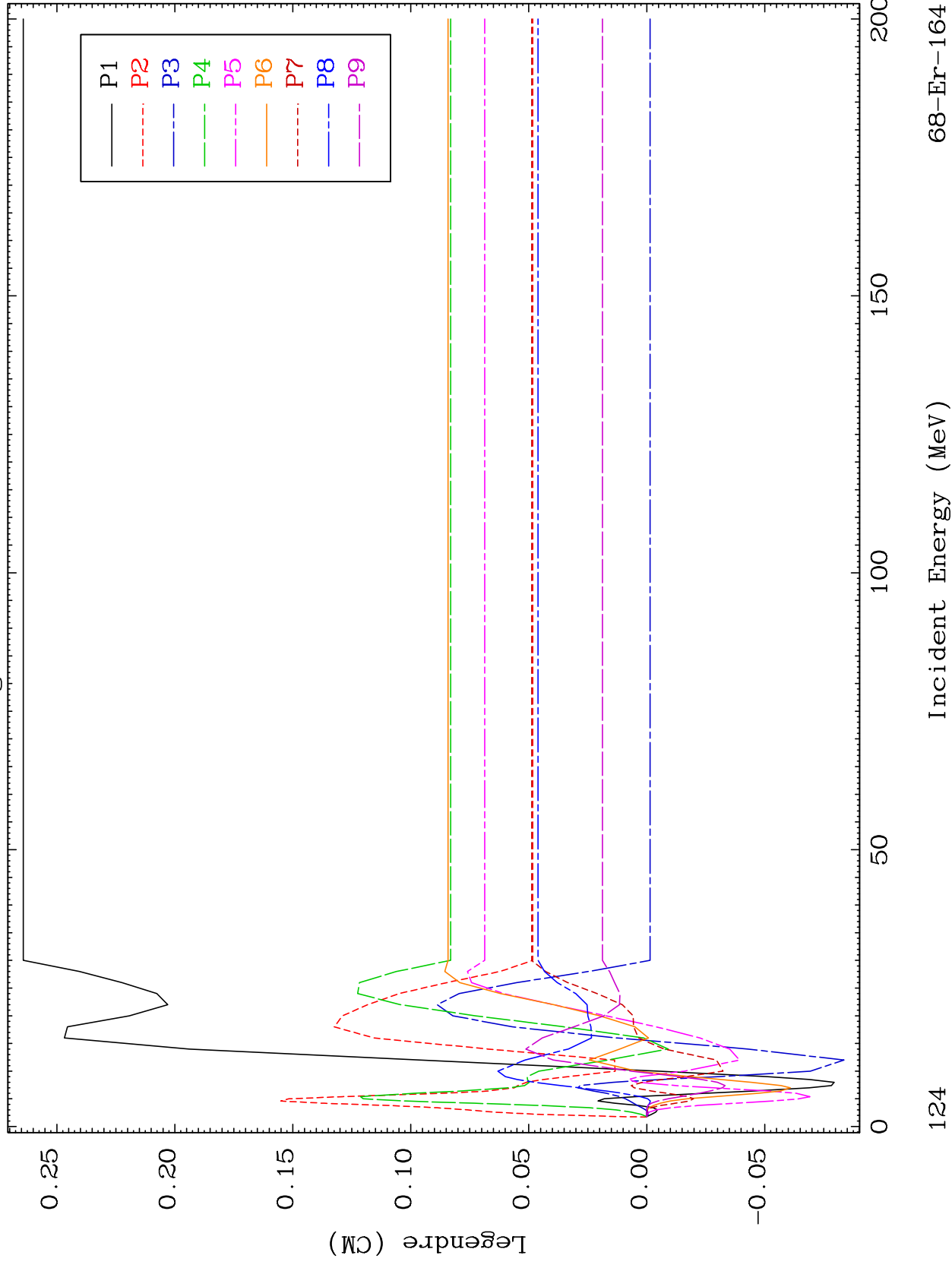
68-Er-164



MAT 6831

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

68-Er-164



68-Er-164

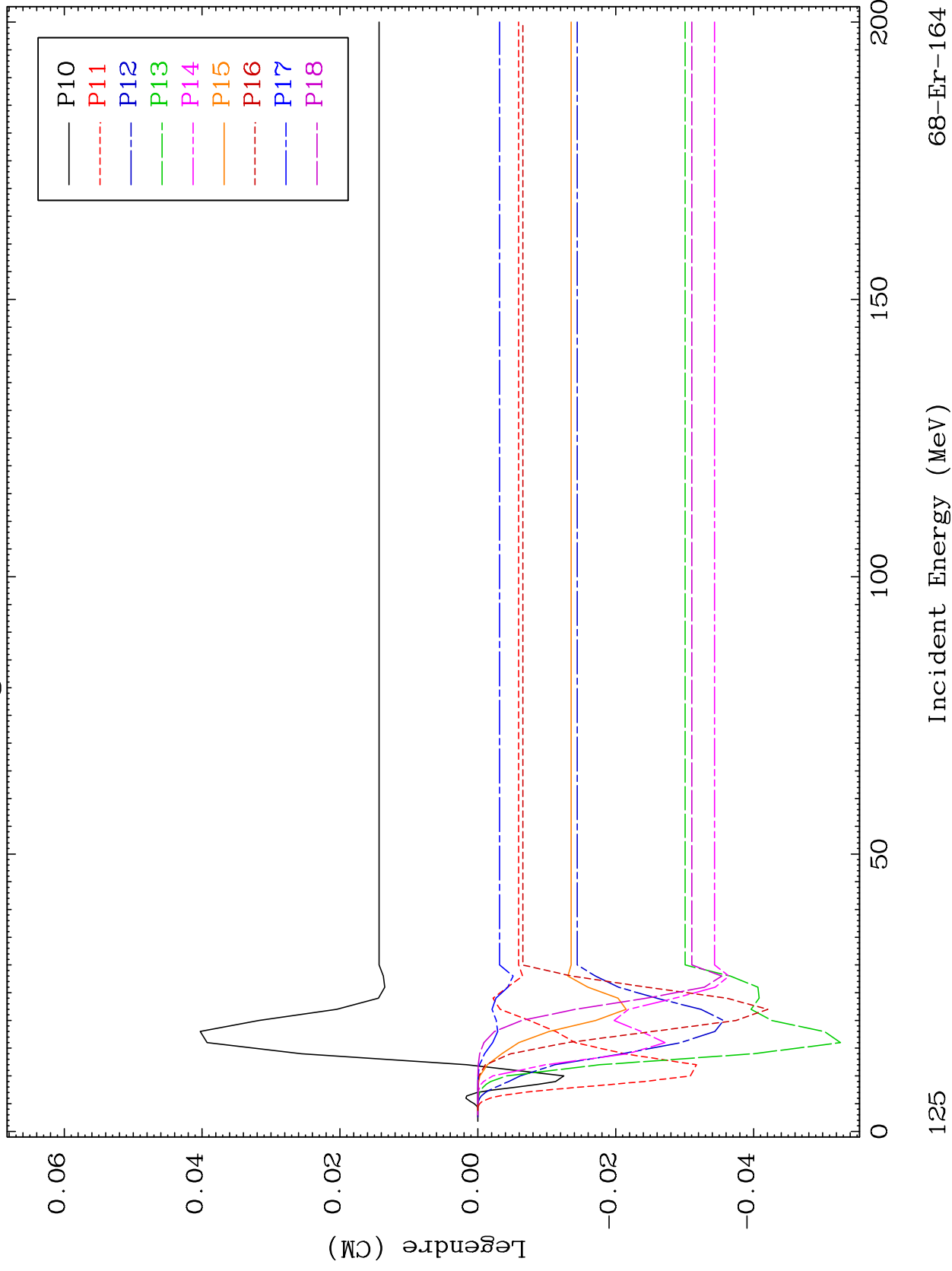
Incident Energy (MeV)

124

MAT 6831

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

68-Er-164



68-Er-164

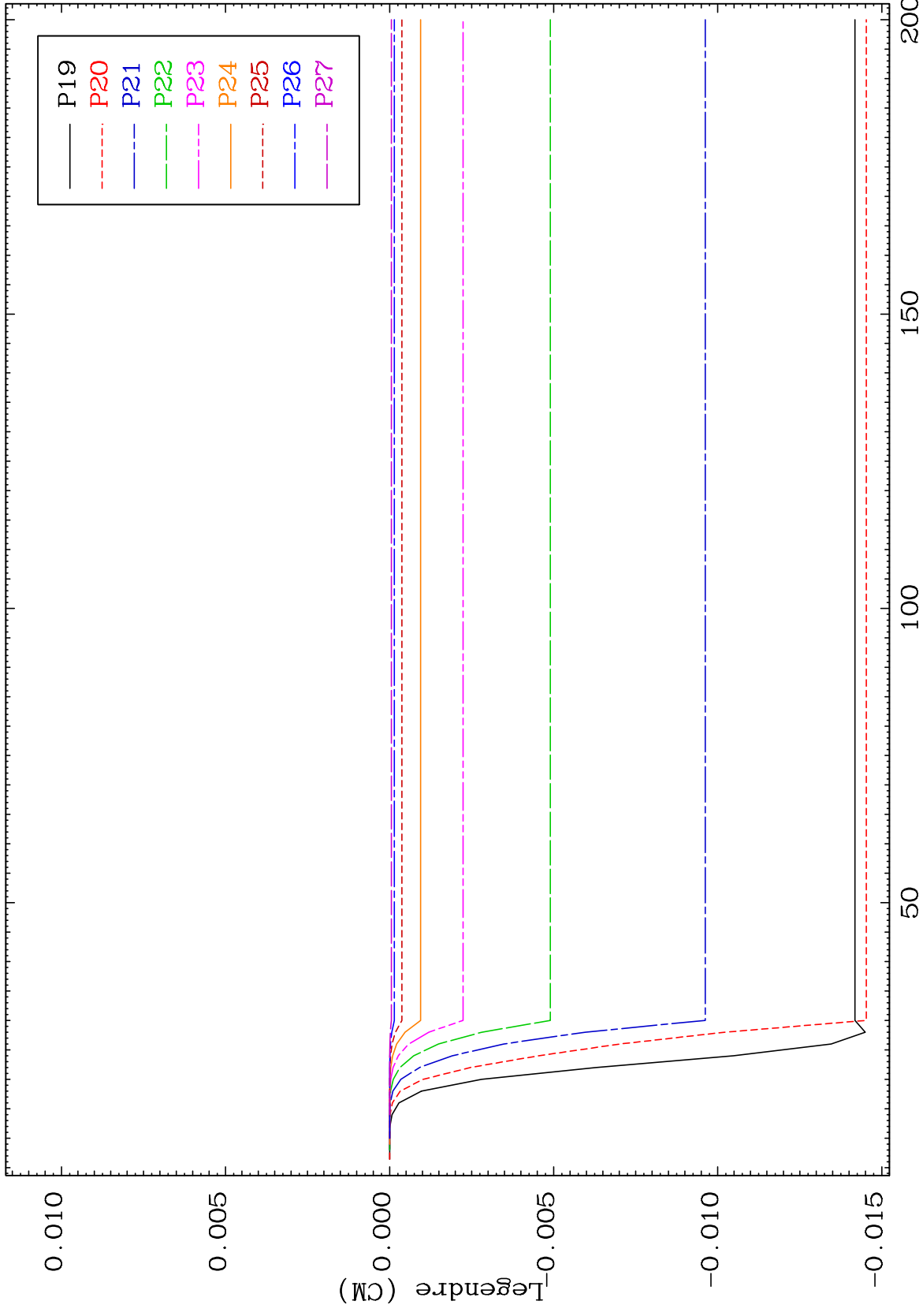
Incident Energy (MeV)

125

MAT 6831

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

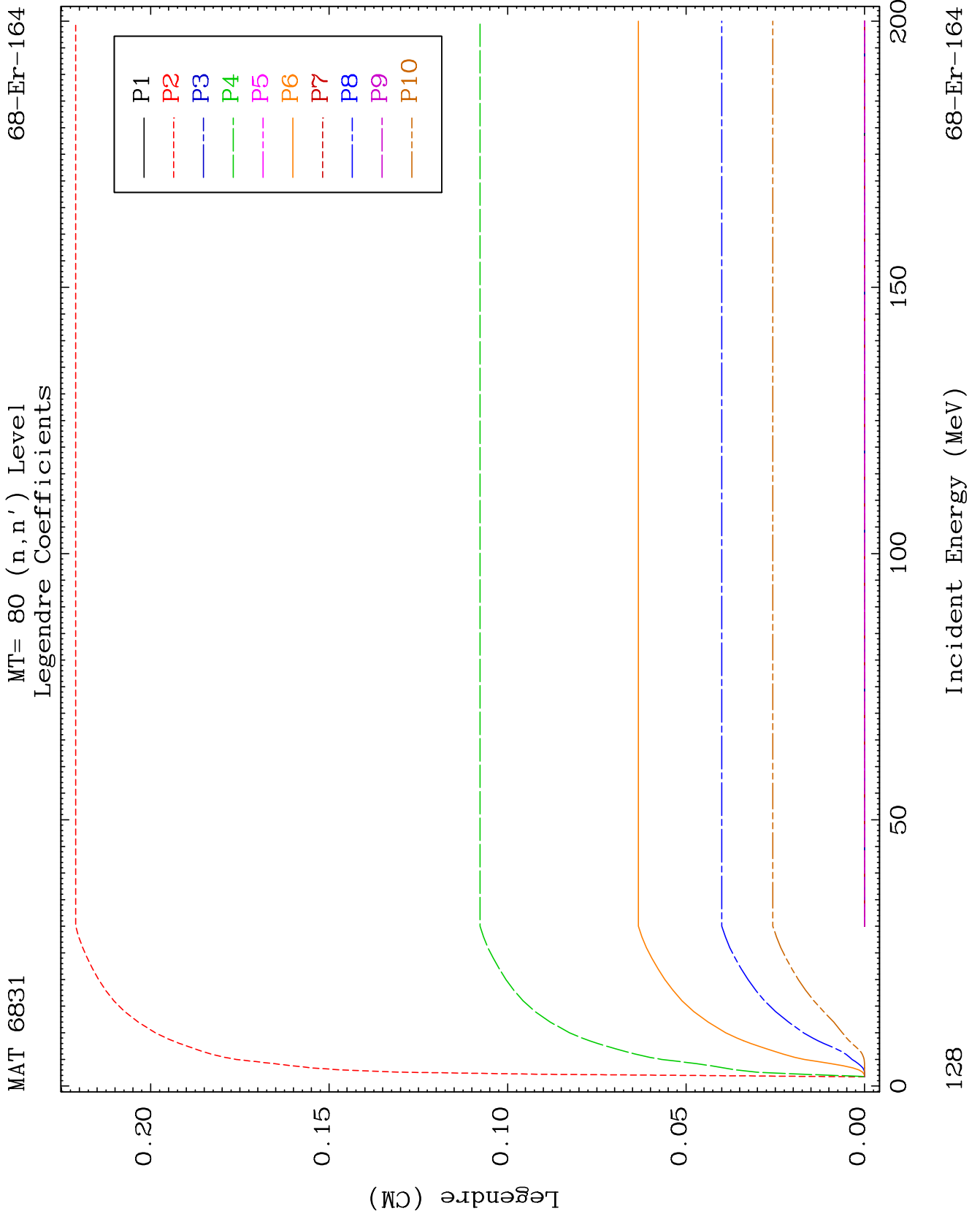
68-Er-164



126

Incident Energy (MeV)

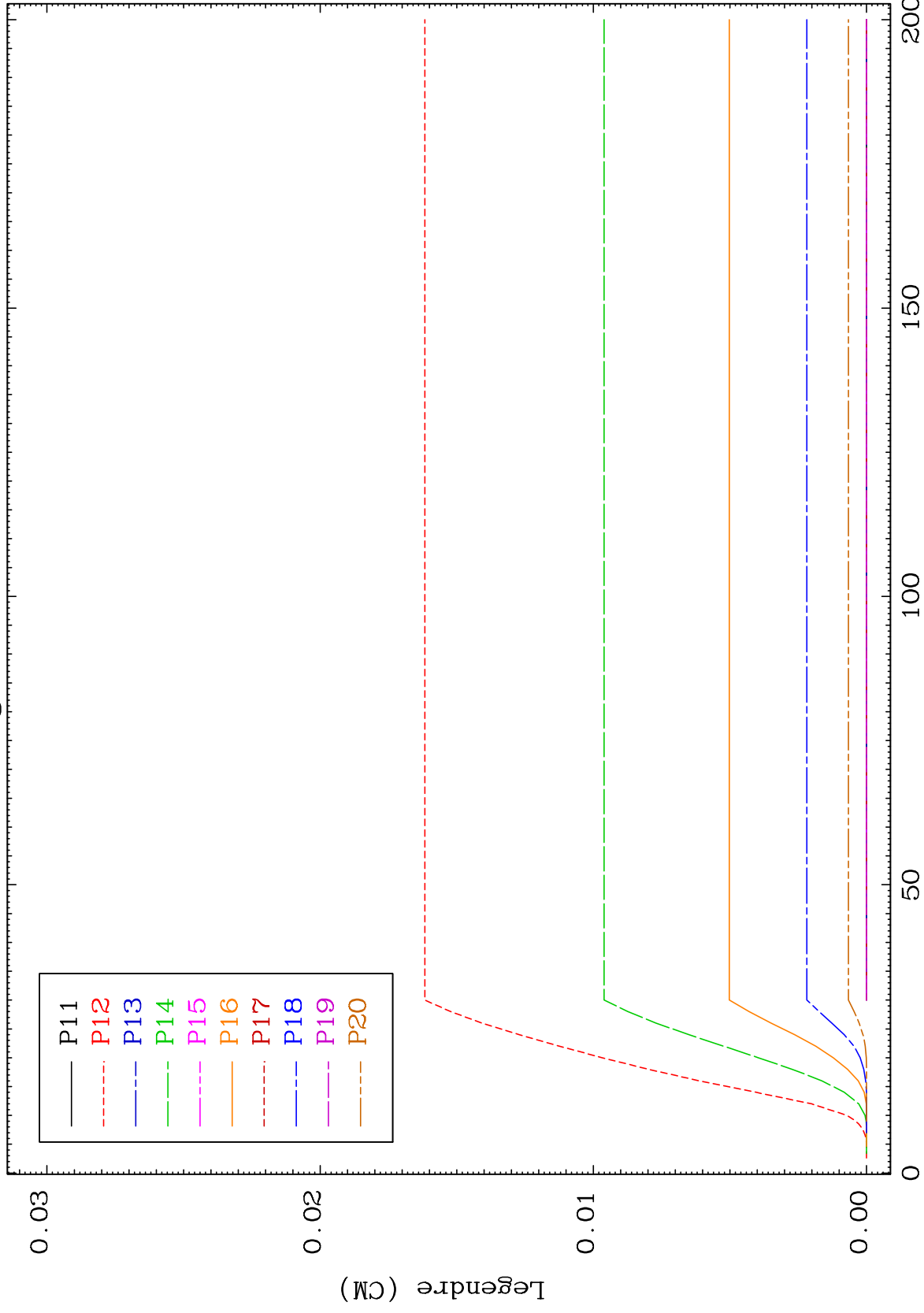
68-Er-164



MAT 6831

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

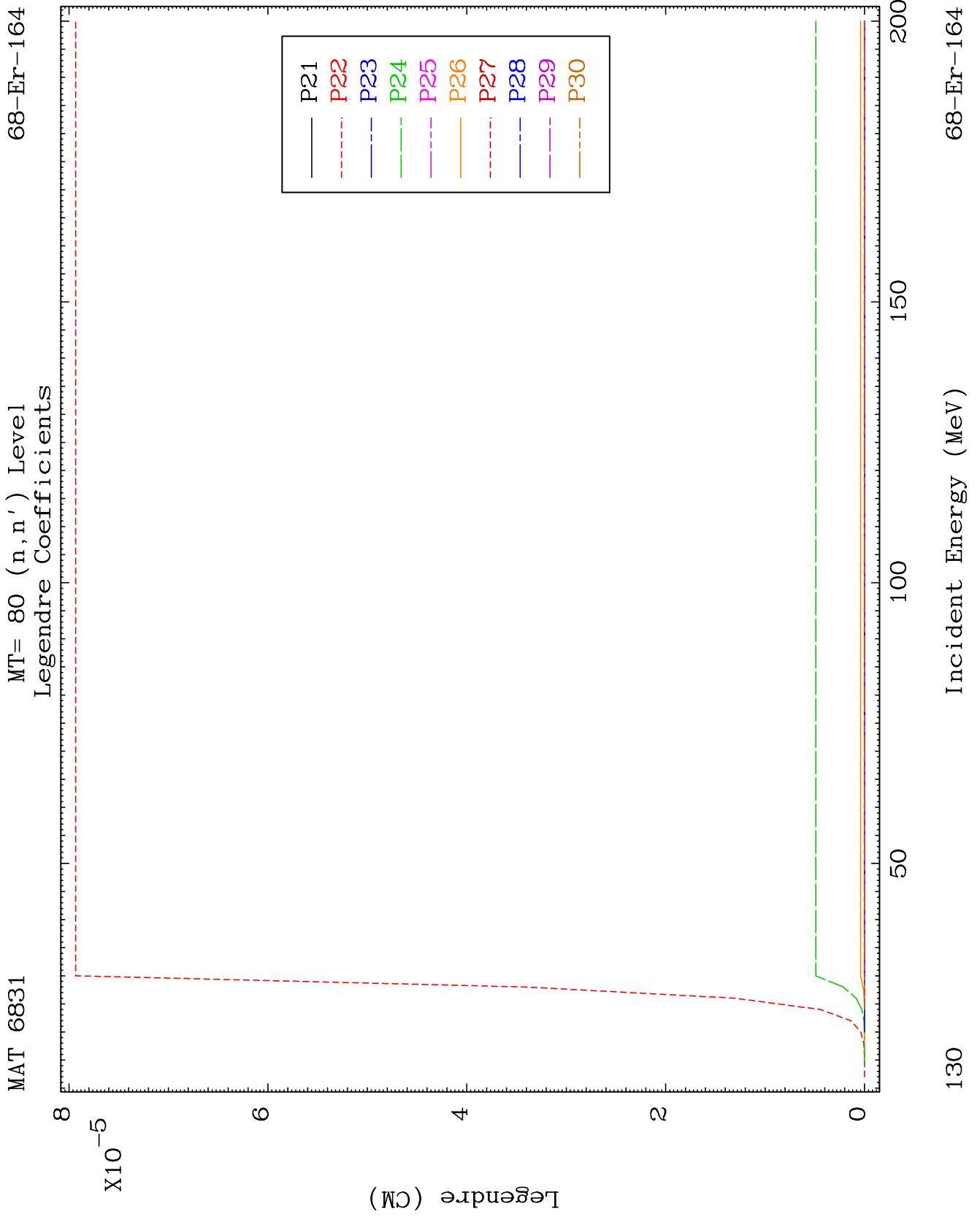
68-Er-164



129

Incident Energy (MeV)

68-Er-164

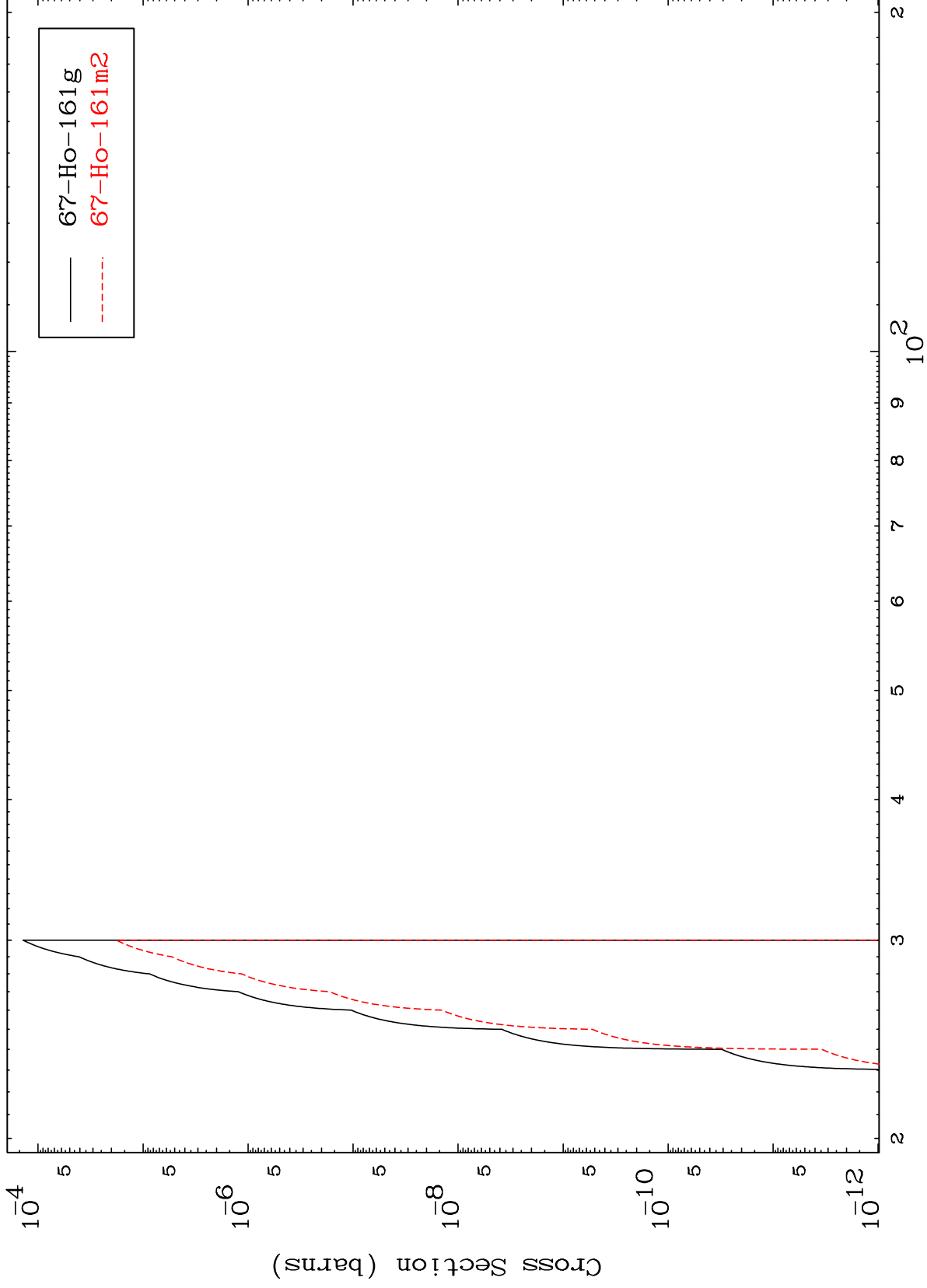


MAT 6831

(n,2n) d

68-Er-164

Radionuclide Production Cross Section



131

Incident Energy (MeV)

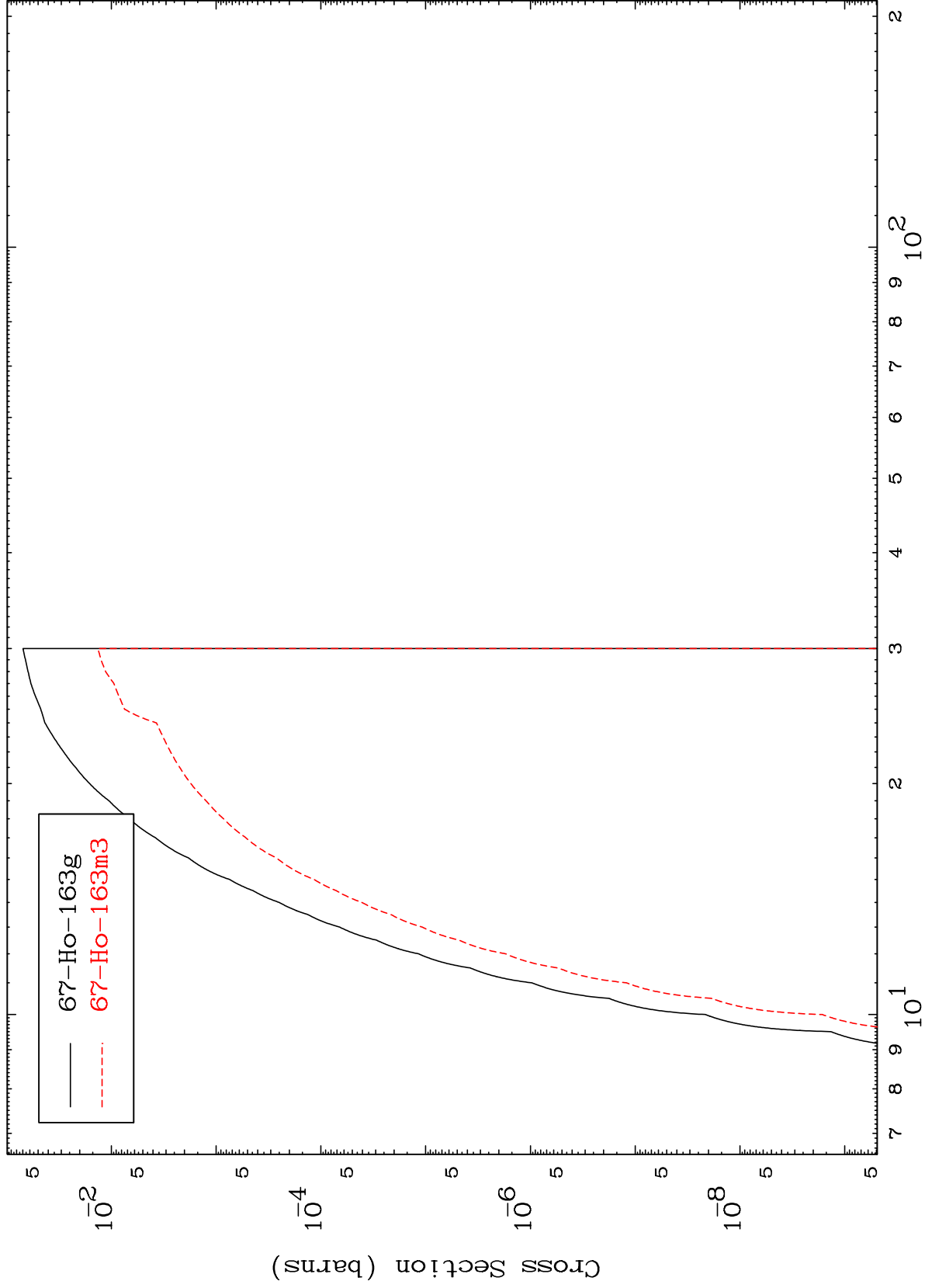
68-Er-164

MAT 6831

(n,n') p

68-Er-164

Radionuclide Production Cross Section

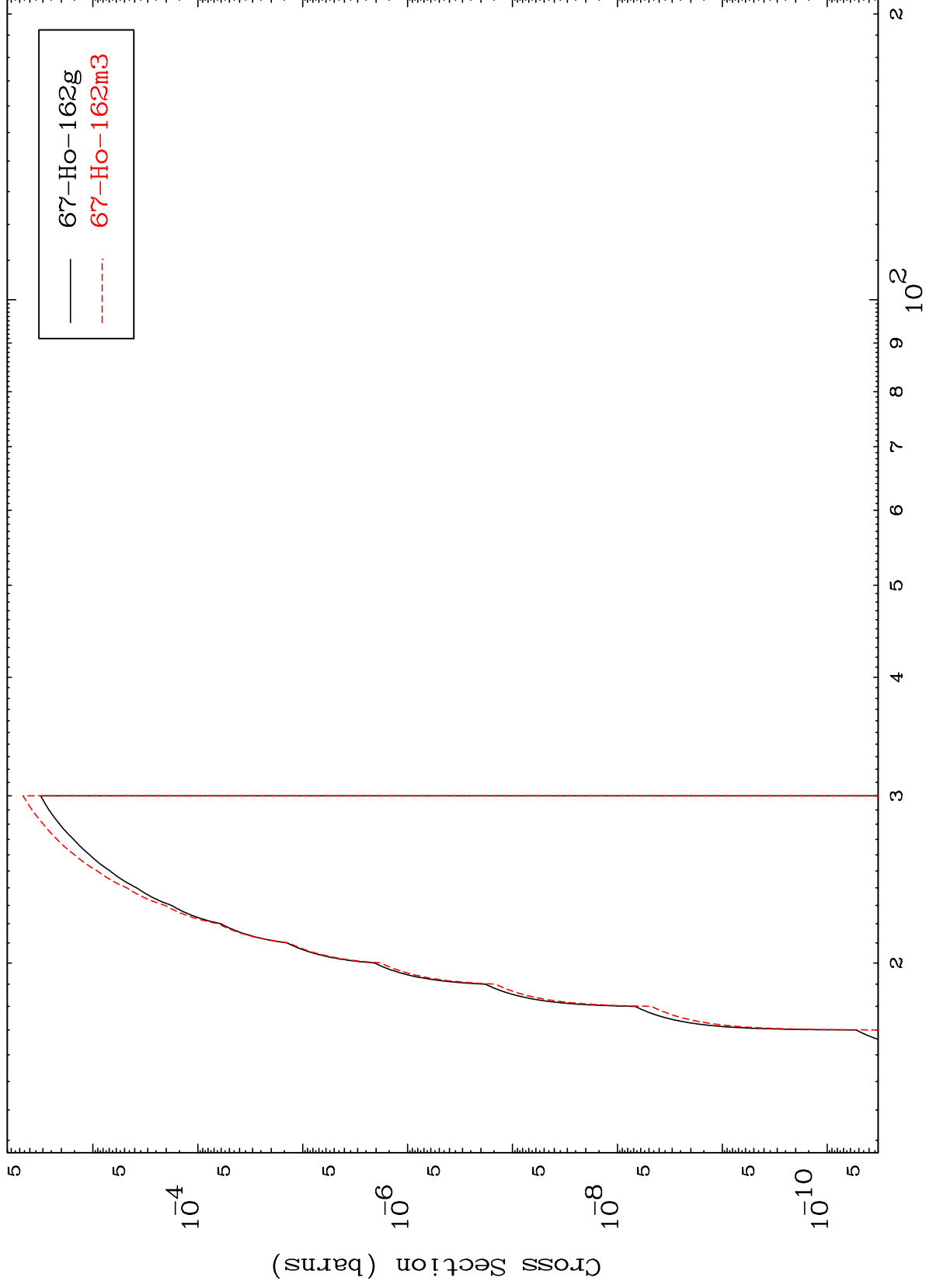


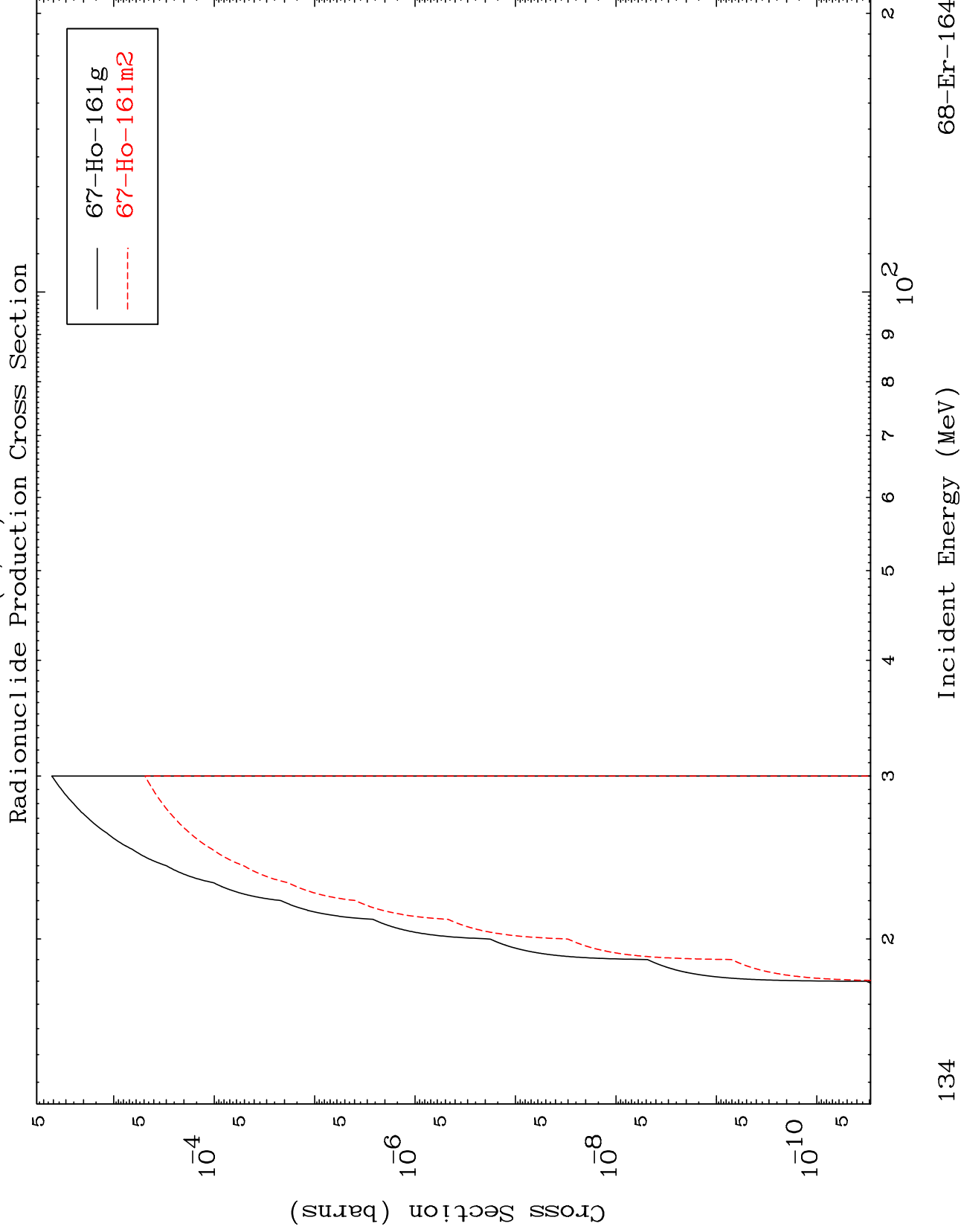
132

Incident Energy (MeV)

68-Er-164

Radionuclide Production Cross Section

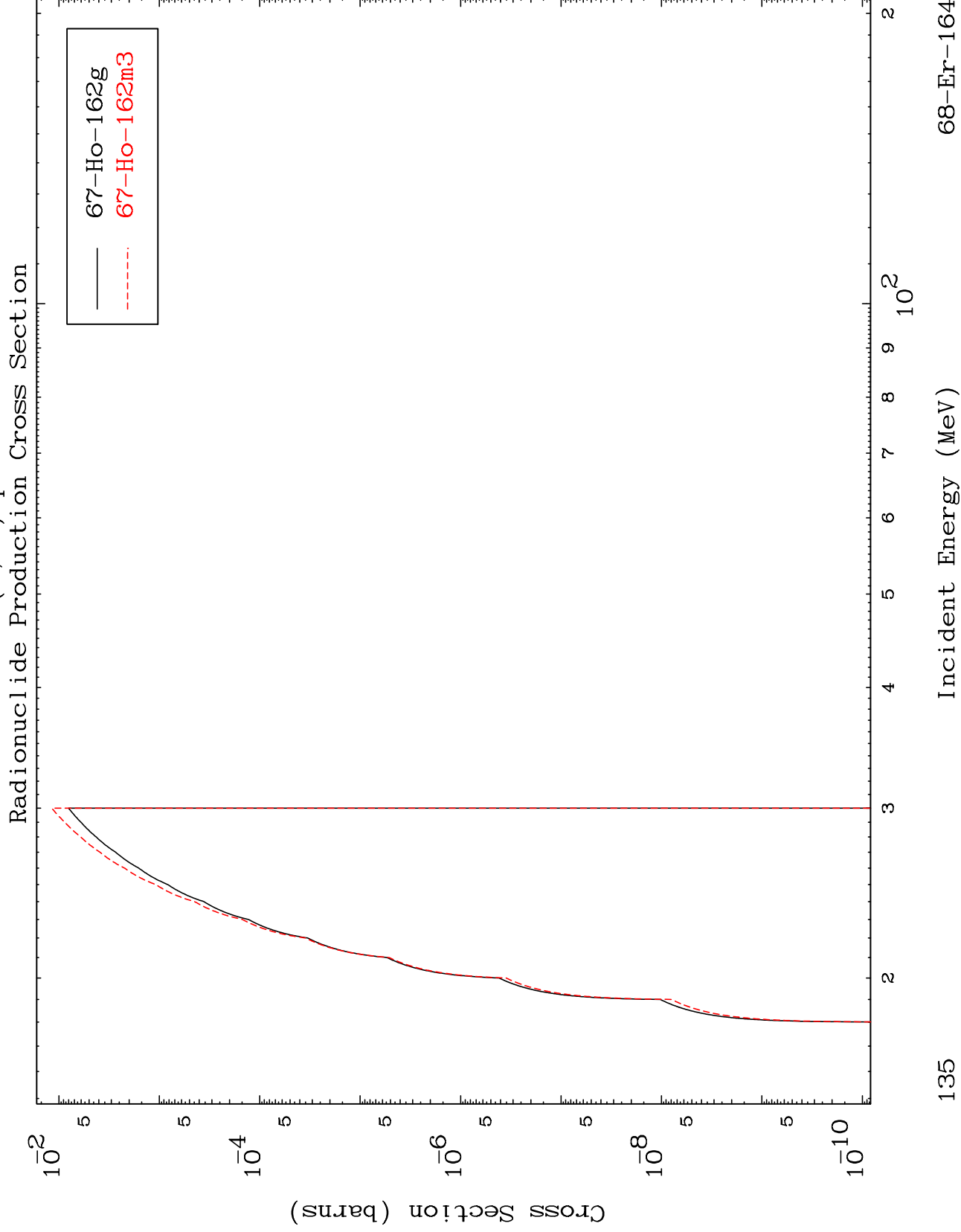




MAT 6831

(n,2n) p

68-Er-164



135

Incident Energy (MeV)

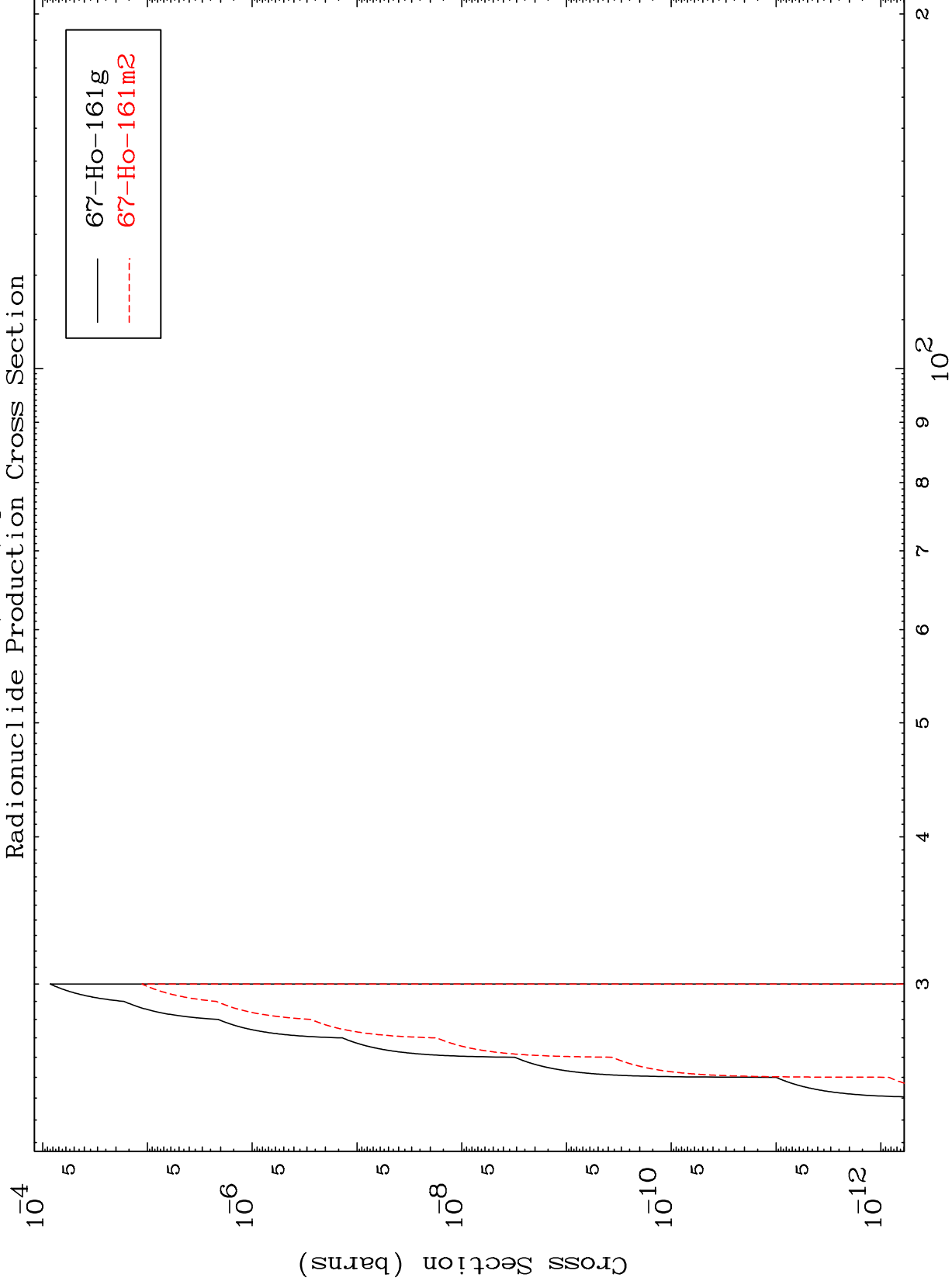
68-Er-164

MAT 6831

(n,3n) p

68-Er-164

Radionuclide Production Cross Section



136

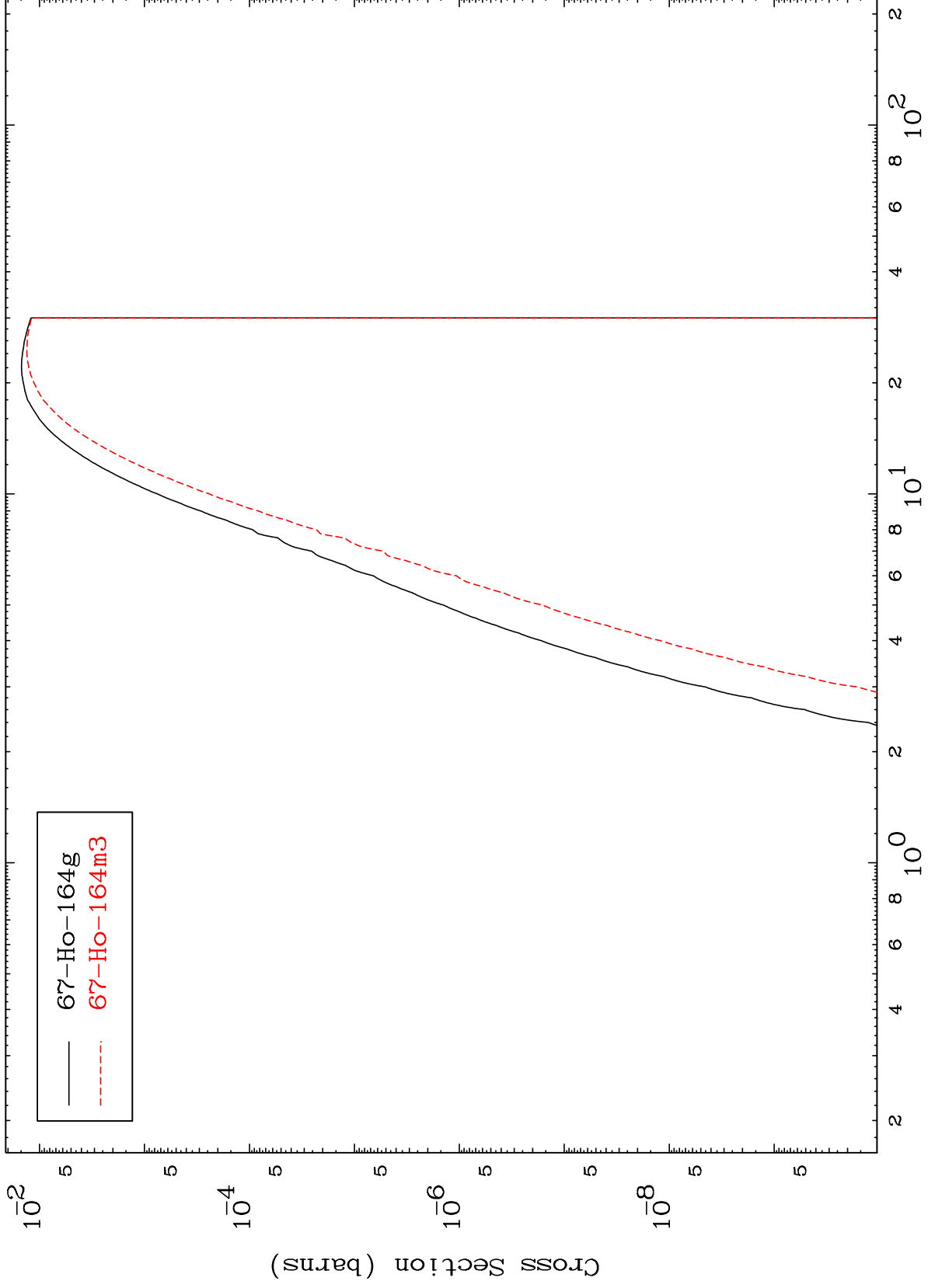
Incident Energy (MeV)

68-Er-164

MAT 6831

68-Er-164

(n,p)
Radionuclide Production Cross Section



137

68-Er-164

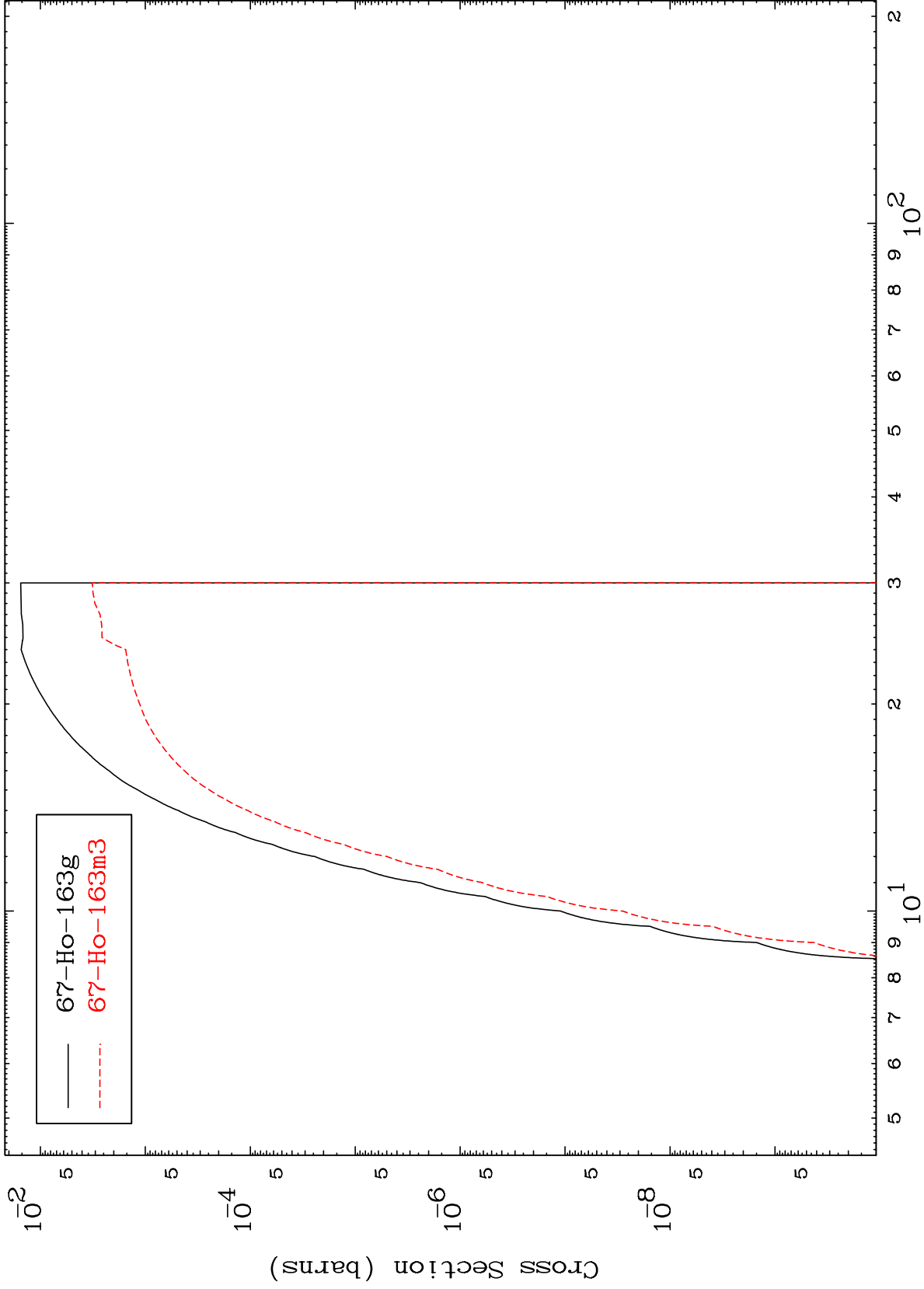
Incident Energy (MeV)

MAT 6831

(n,d)

68-Er-164

Radionuclide Production Cross Section



138

Incident Energy (MeV)

68-Er-164

(n, t)
Radionuclide Production Cross Section

