

Program EVALPLOT  
(Version 2021-1)

by

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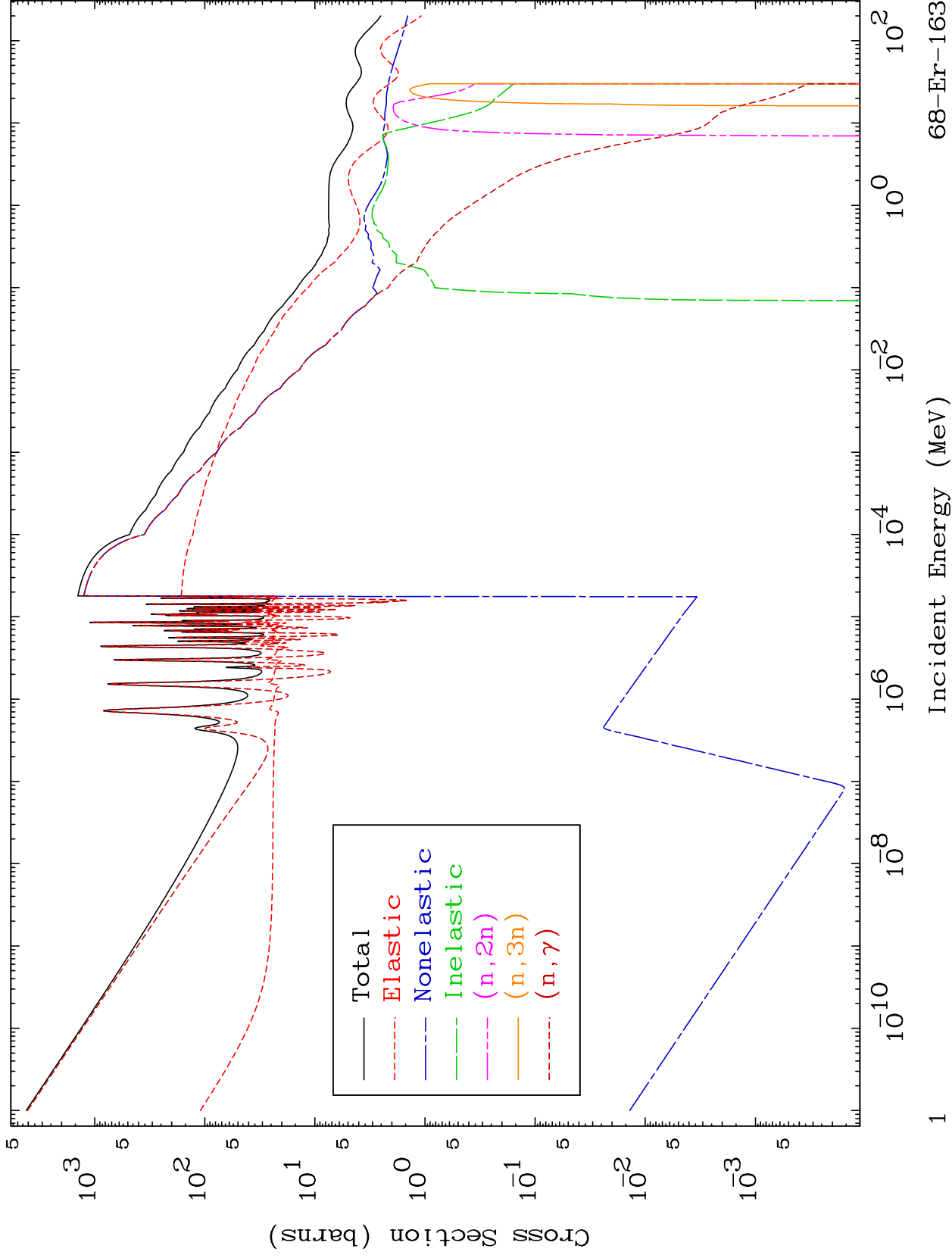
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6828

Neutron Major  
293 Kelvin Cross Sections

68-Er-163



68-Er-163

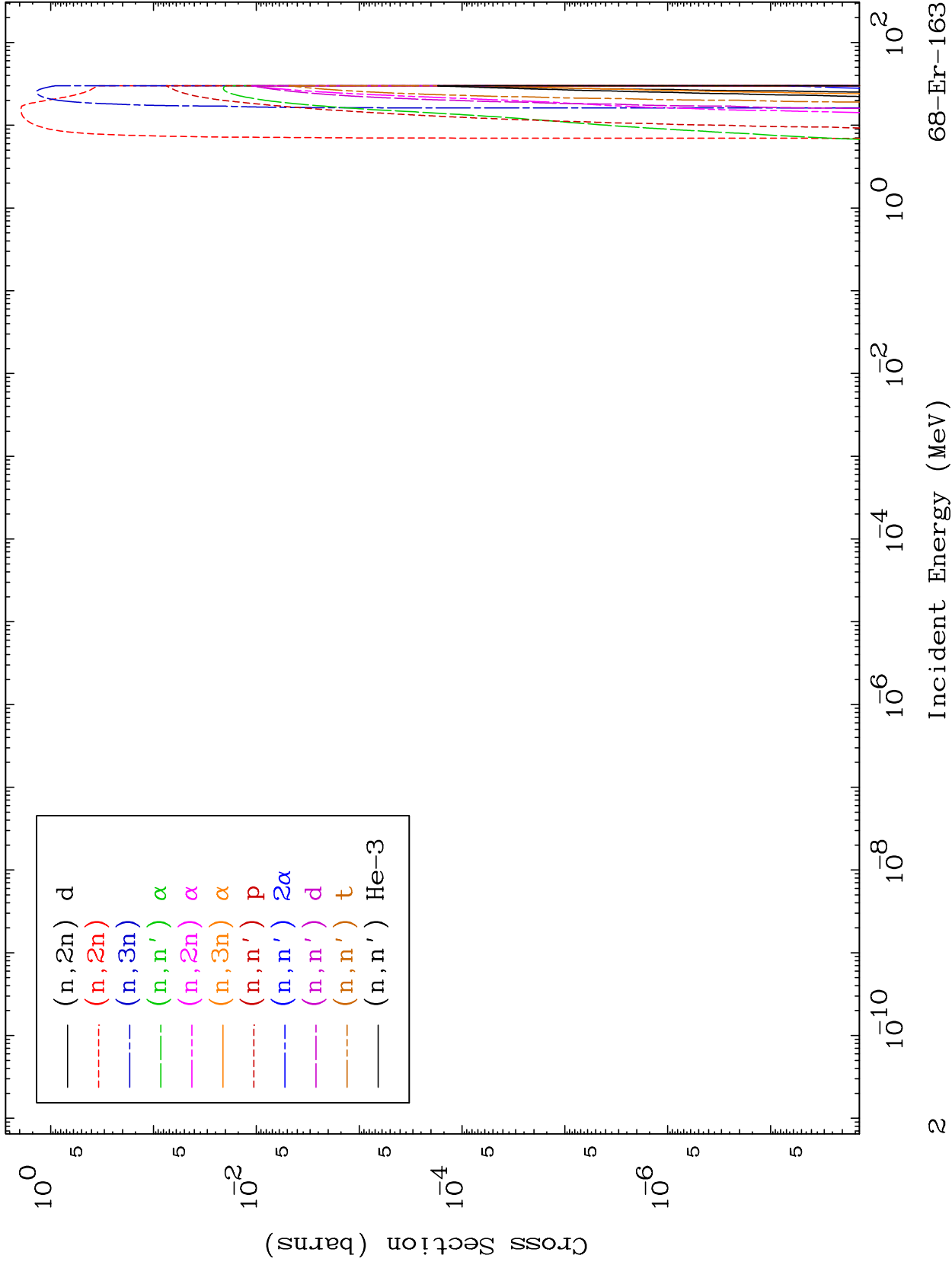
Incident Energy (MeV)

1

MAT 6828

Neutron Absorption  
293 Kelvin Cross Sections

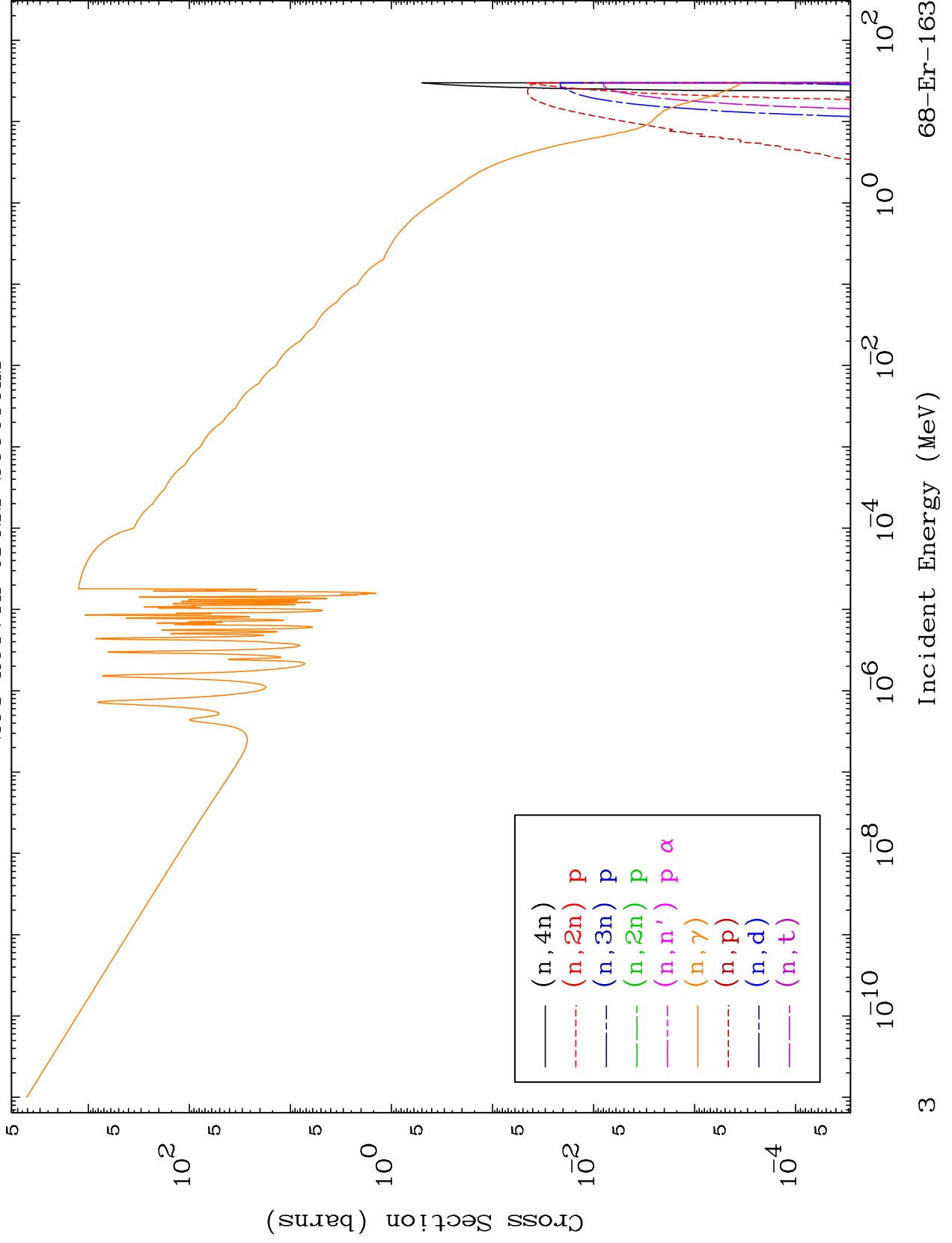
68-Er-163

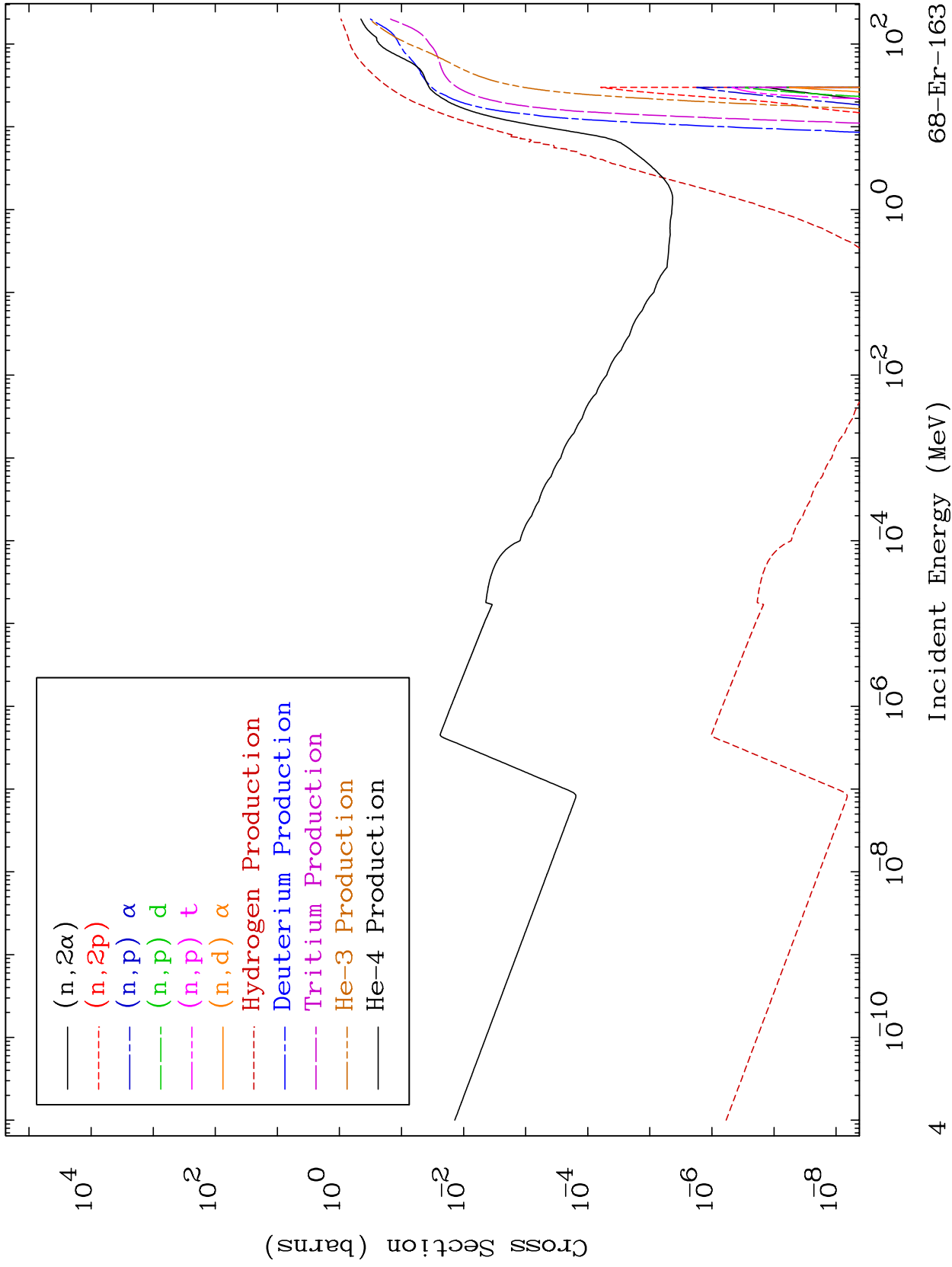


MAT 6828

Neutron Absorption  
293 Kelvin Cross Sections

68-Er-163

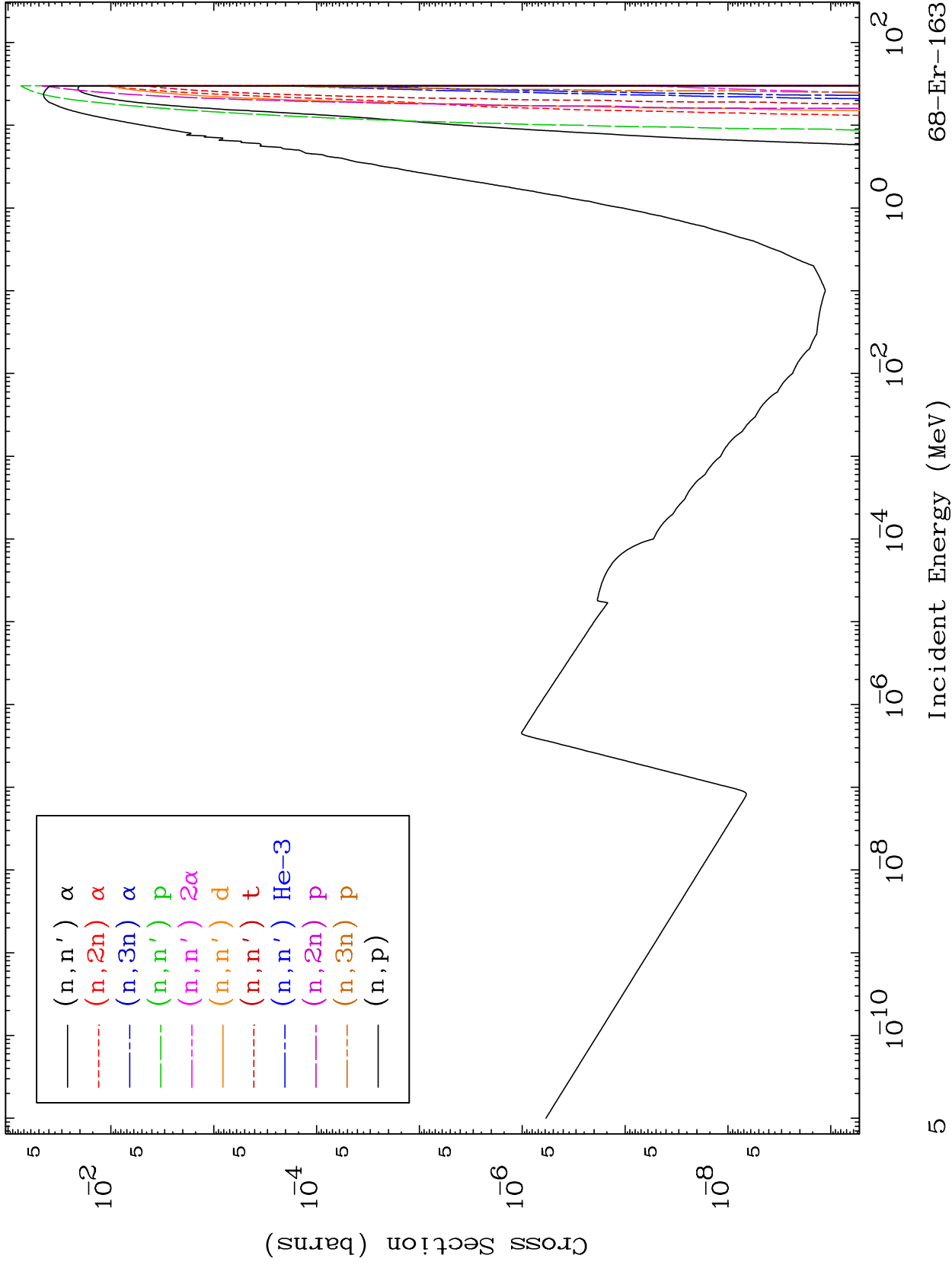




MAT 6828

Charged Particle  
293 Kelvin Cross Sections

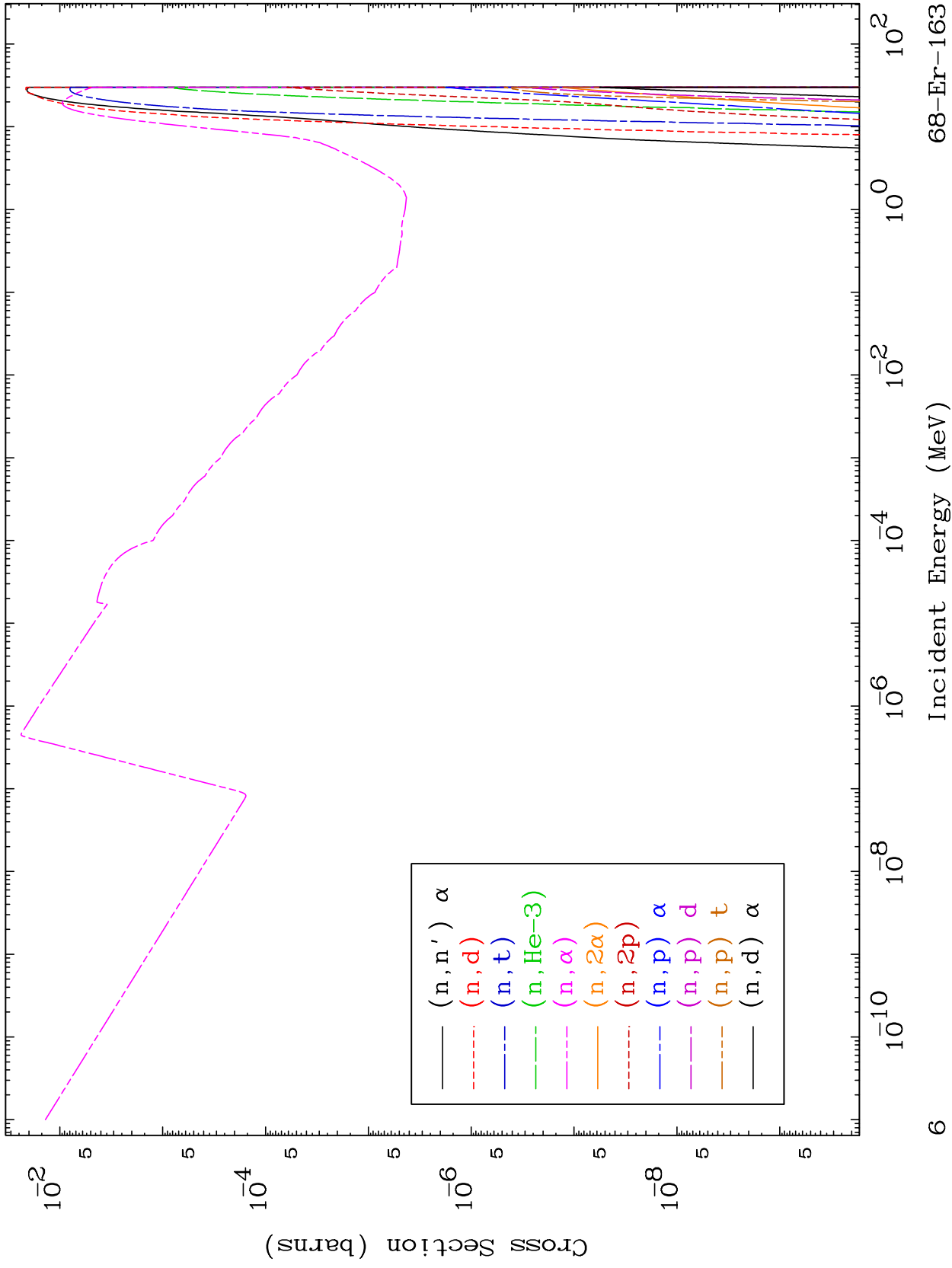
68-Er-163



MAT 6828

Charged Particle  
293 Kelvin Cross Sections

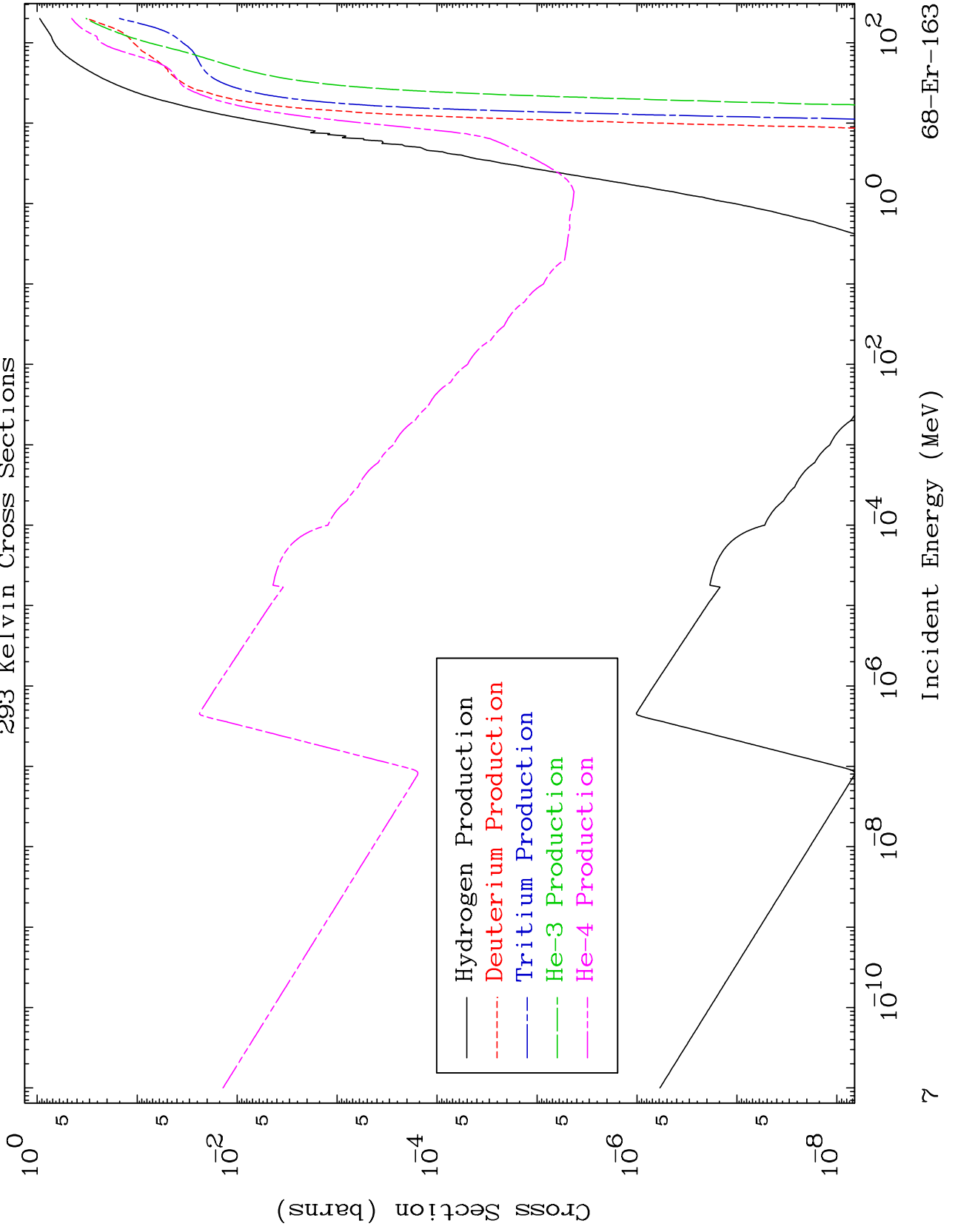
68-Er-163



MAT 6828

Particle Production  
293 Kelvin Cross Sections

68-Er-163

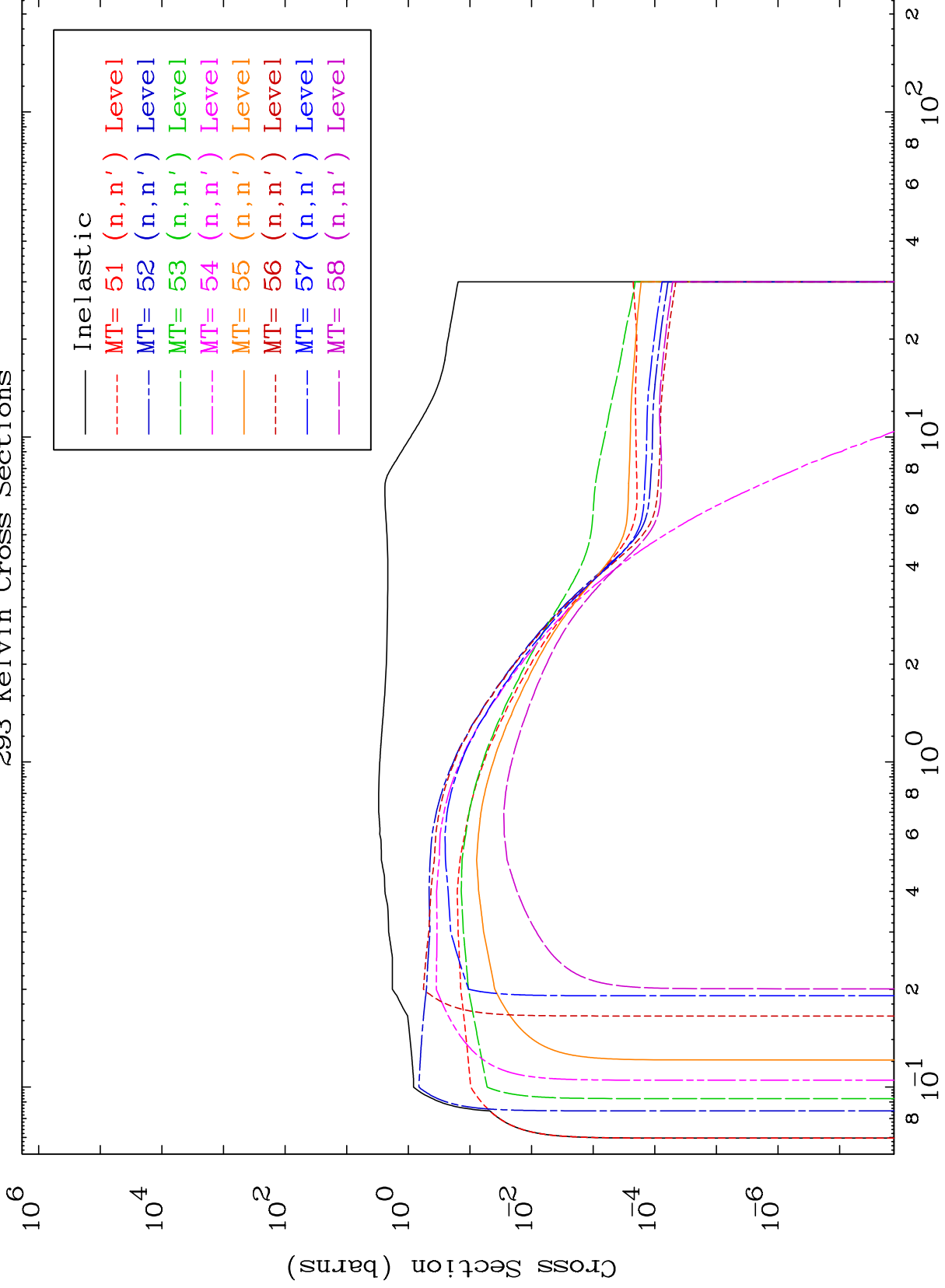


MAT 6828

(n,n') Levels

68-Er-163

293 Kelvin Cross Sections



8

Incident Energy (MeV)

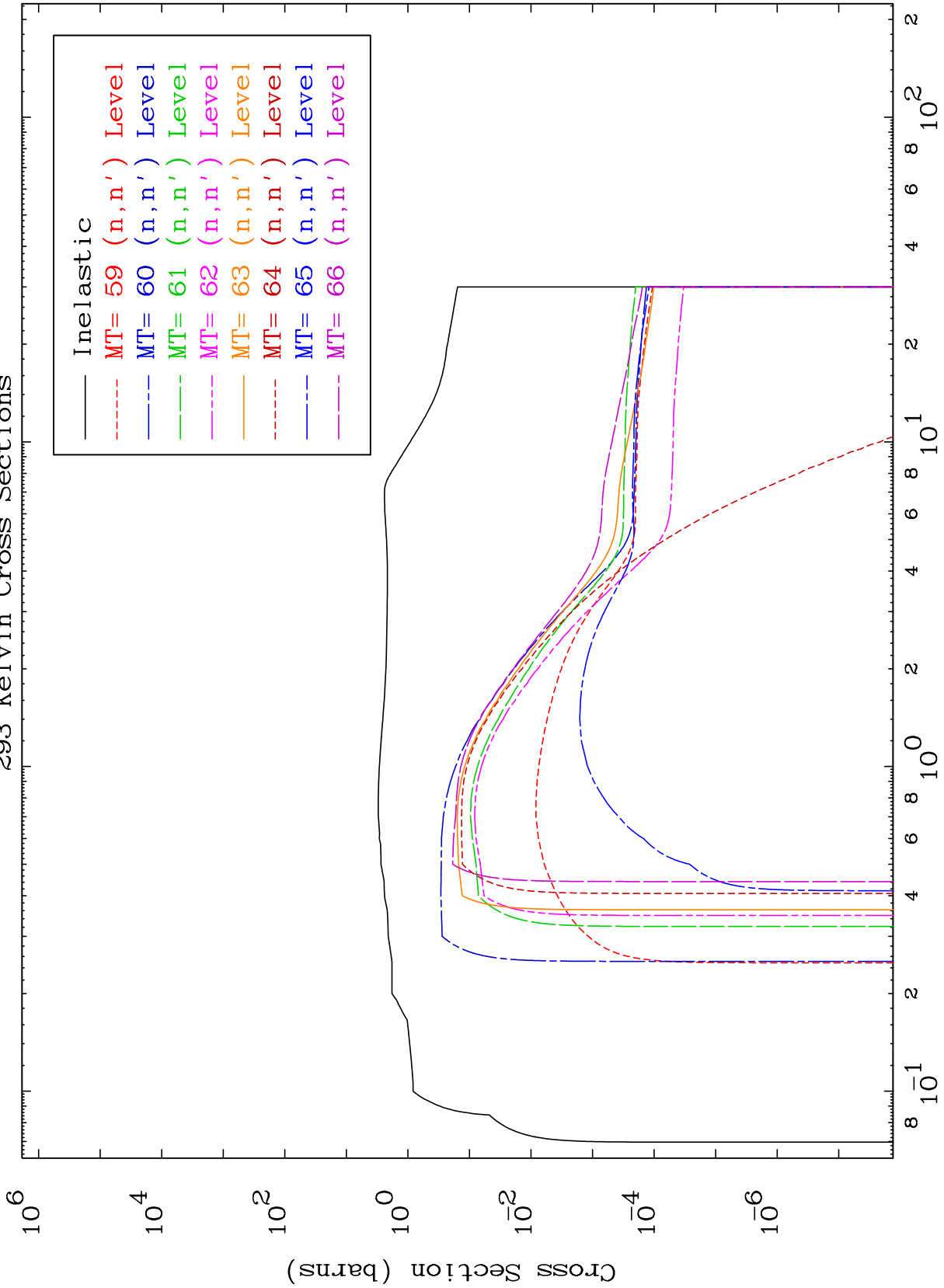
68-Er-163

MAT 6828

(n,n') Levels

68-Er-163

293 Kelvin Cross Sections

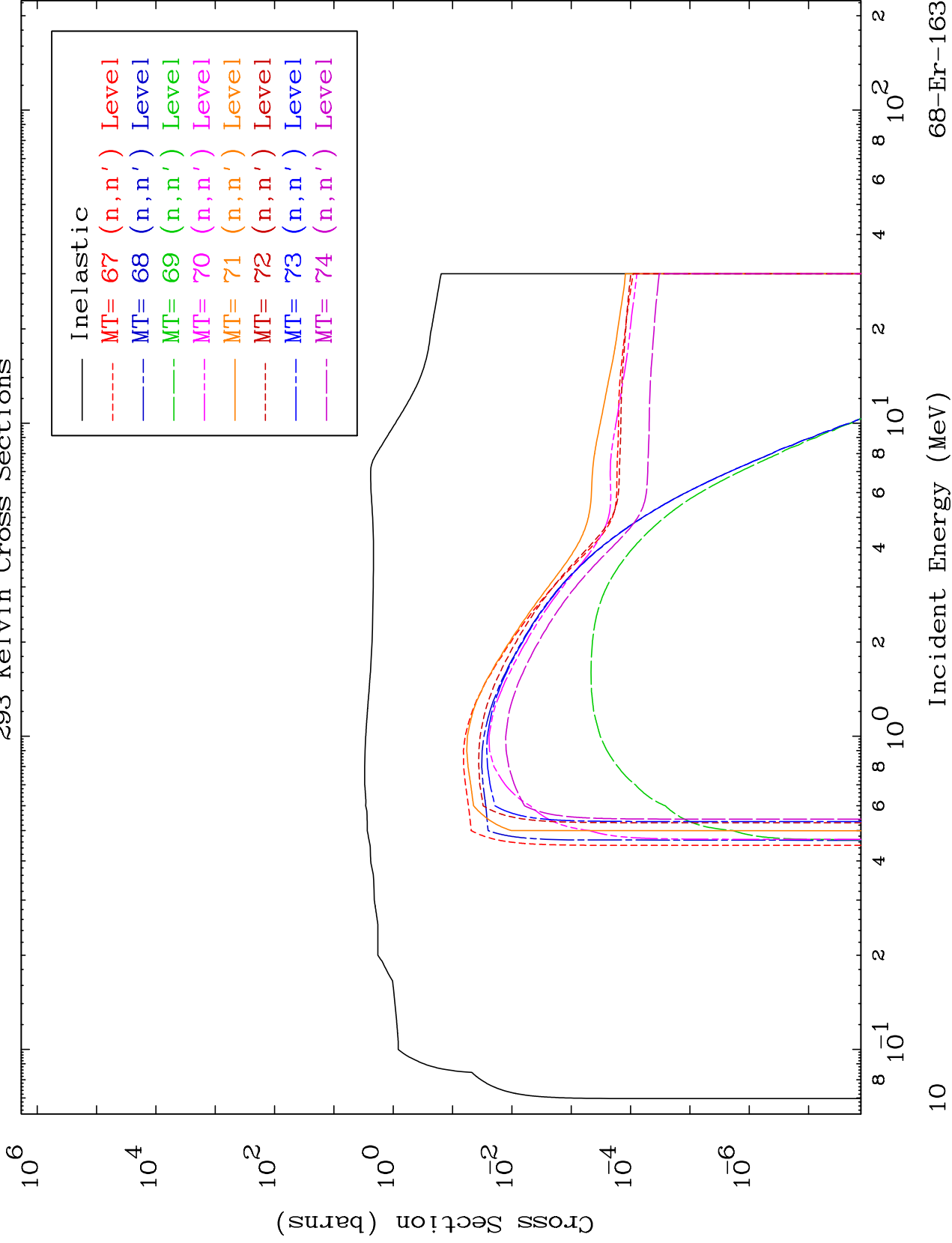


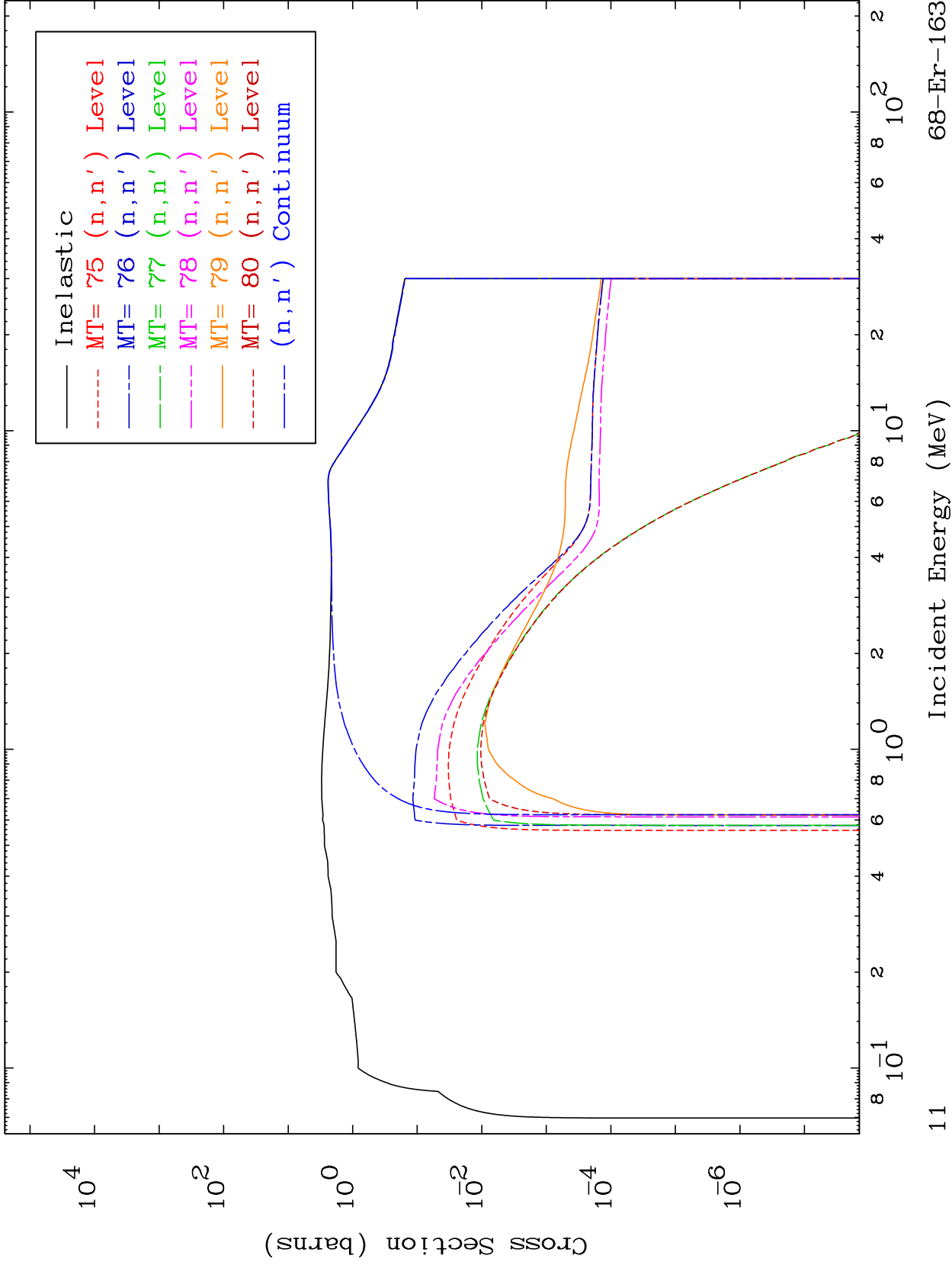
MAT 6828

(n,n') Levels

68-Er-163

293 Kelvin Cross Sections

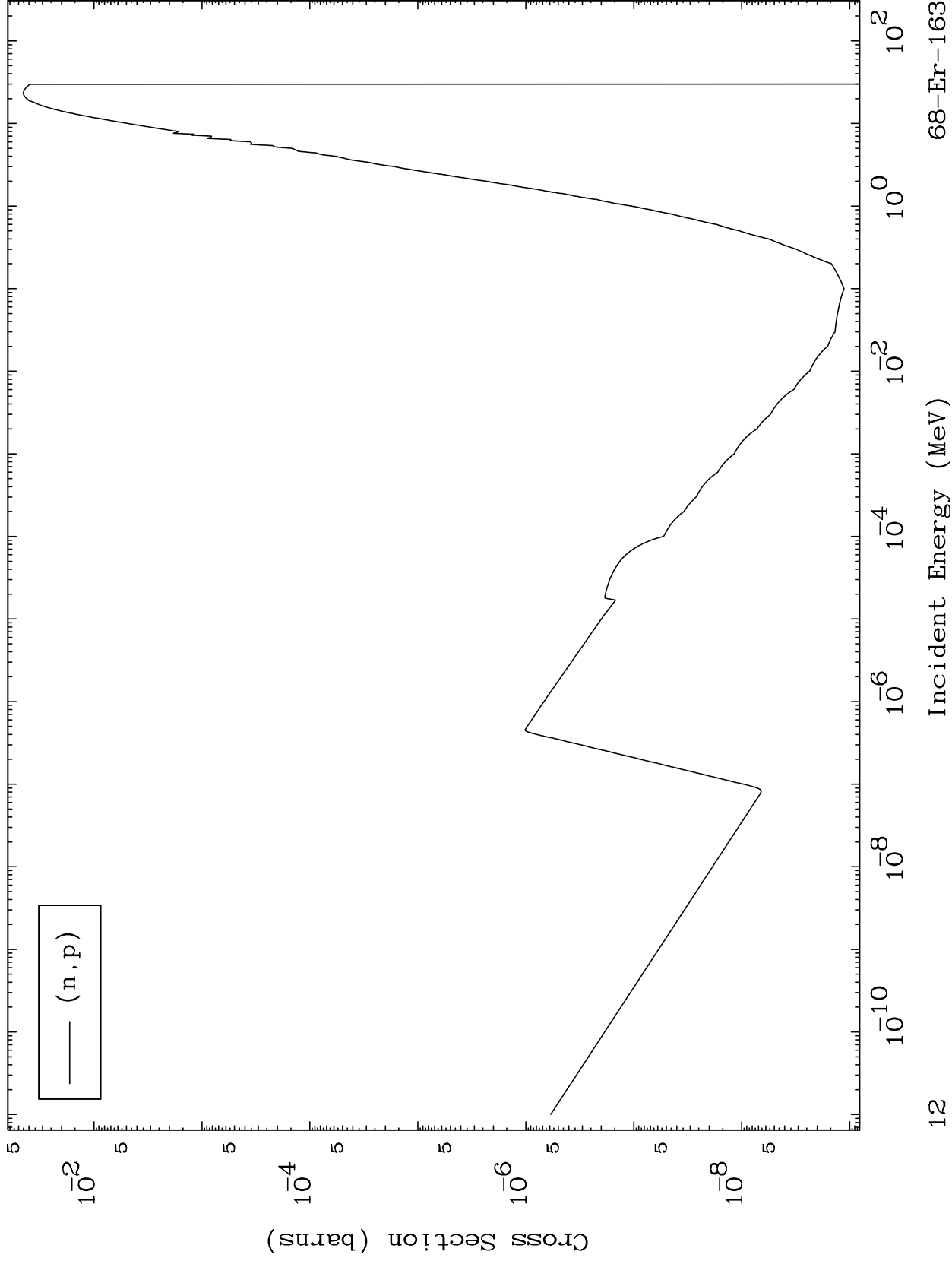




MAT 6828

(n,p) Levels  
293 Kelvin Cross Sections

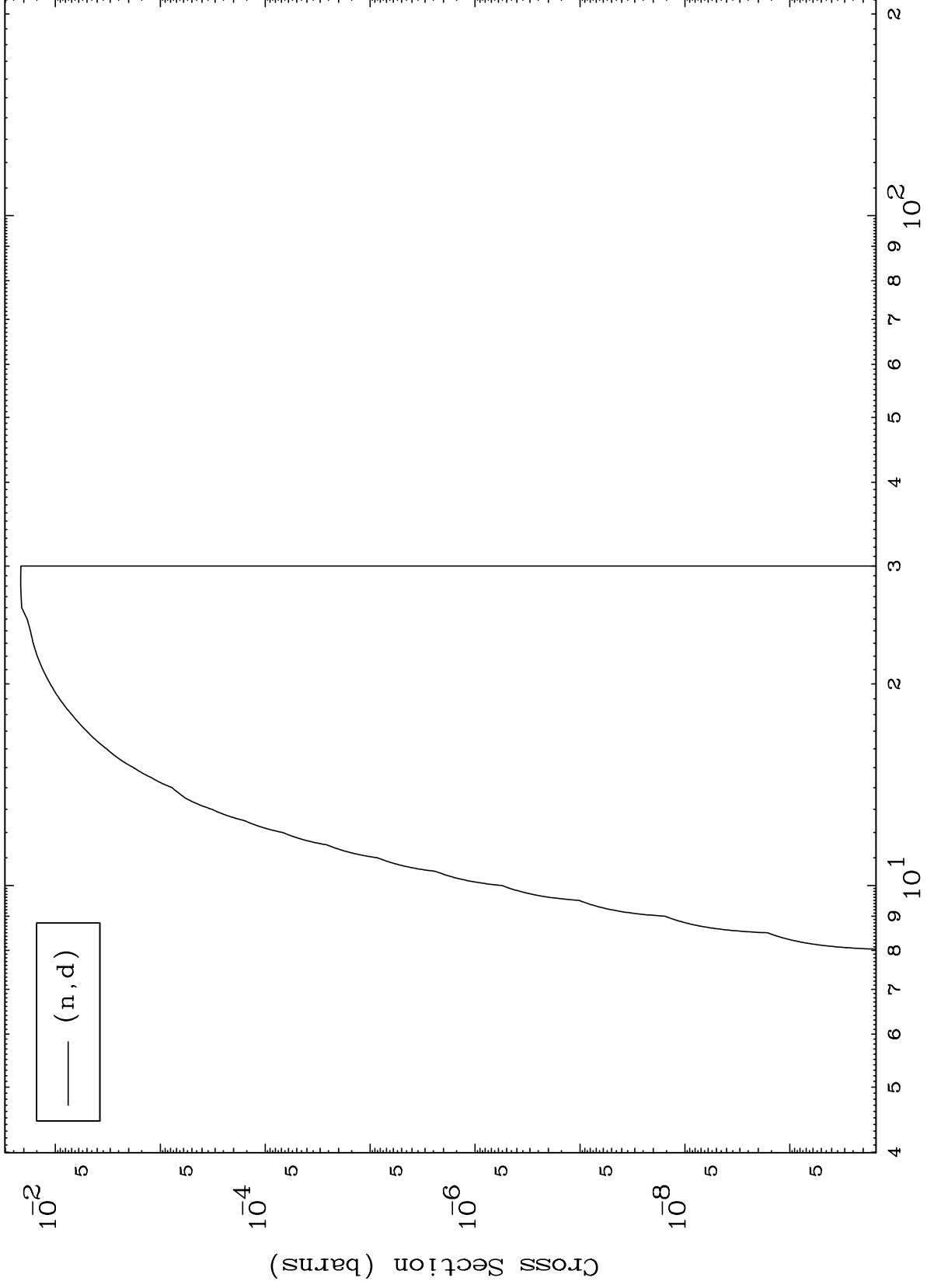
68-Er-163



MAT 6828

(n,d) Levels  
293 Kelvin Cross Sections

68-Er-163



13

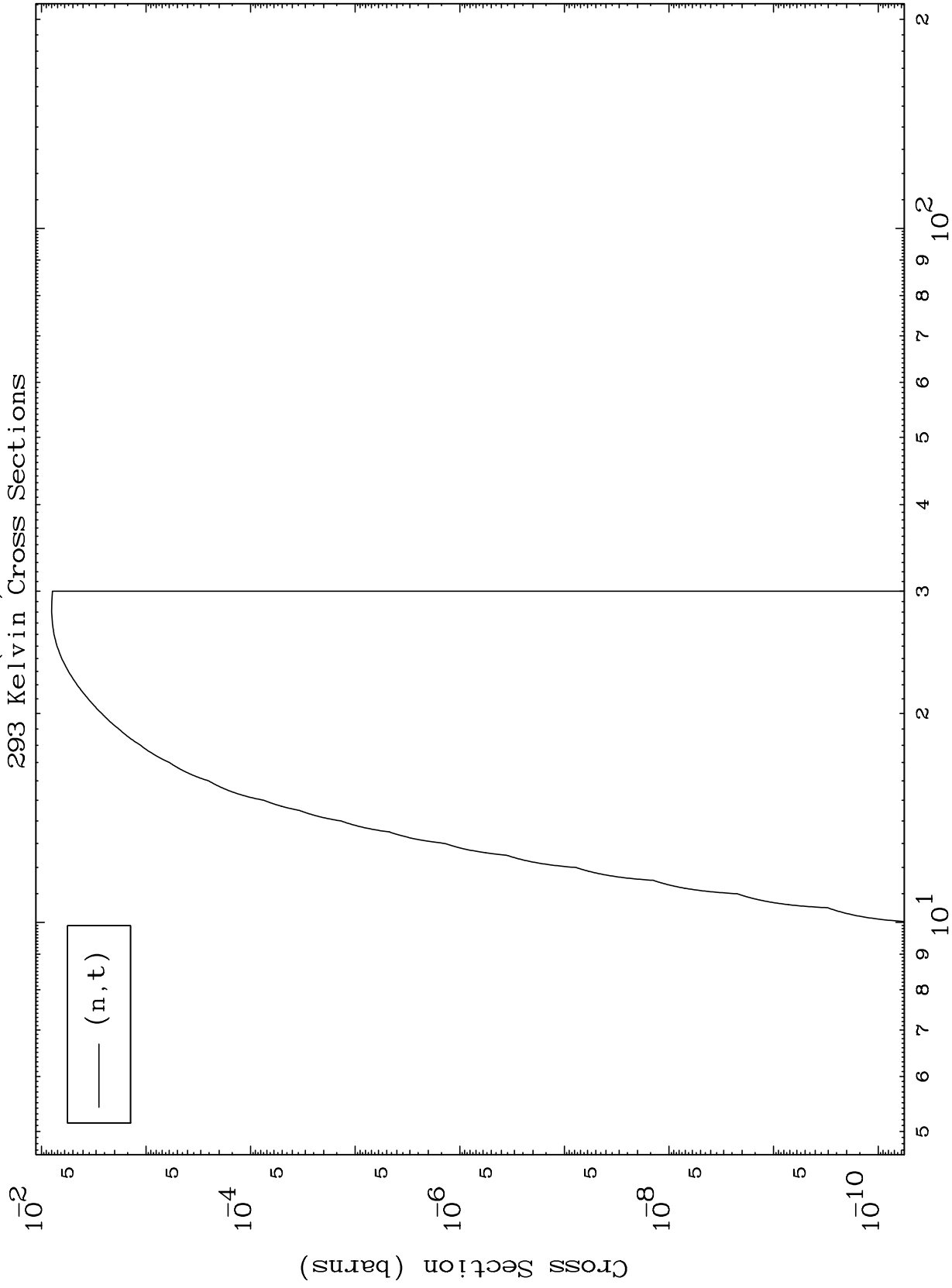
Incident Energy (MeV)

68-Er-163

MAT 6828

(n,t) Levels  
293 Kelvin Cross Sections

68-Er-163



Incident Energy (MeV)

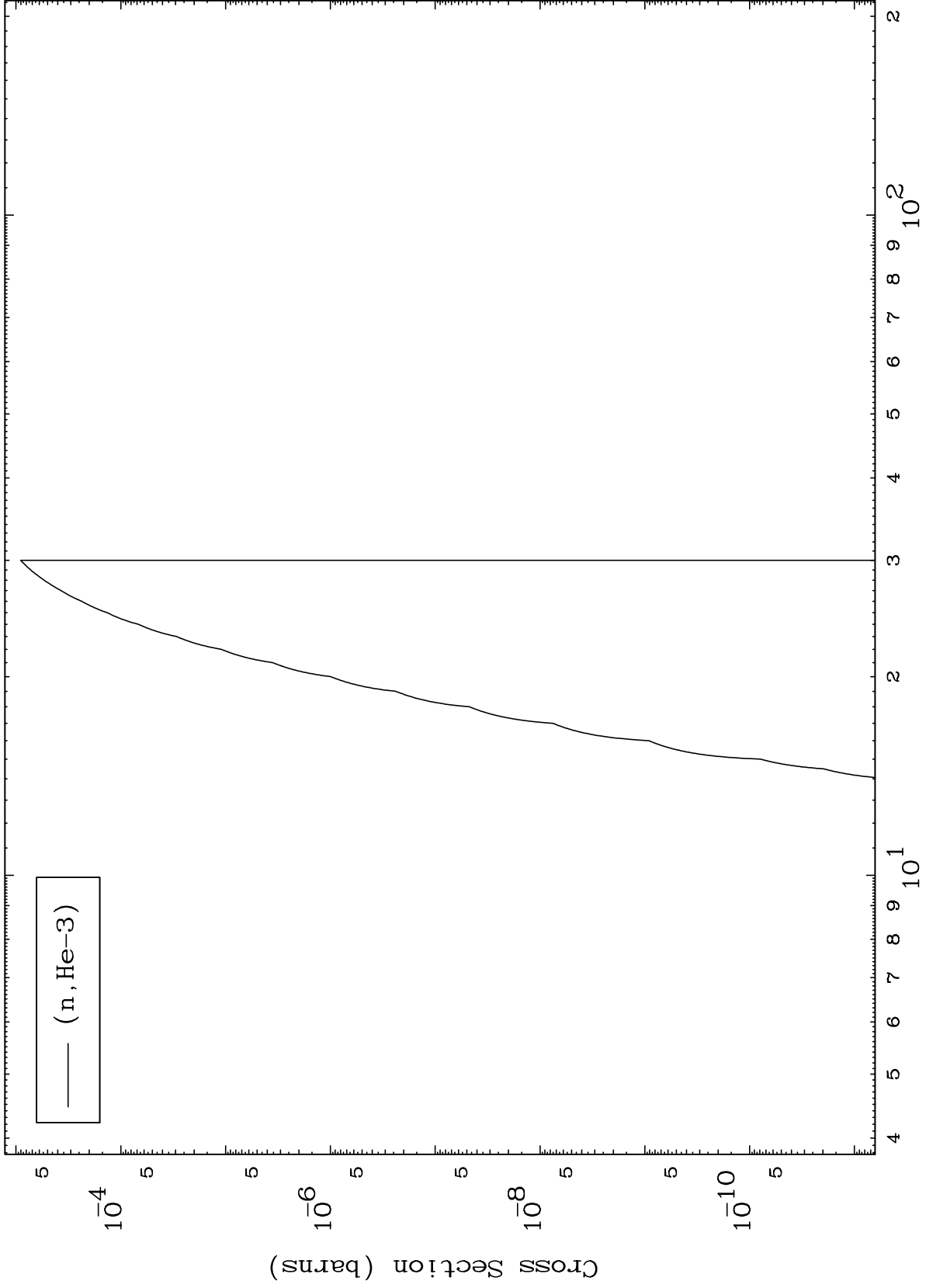
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14

MAT 6828

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-163



15

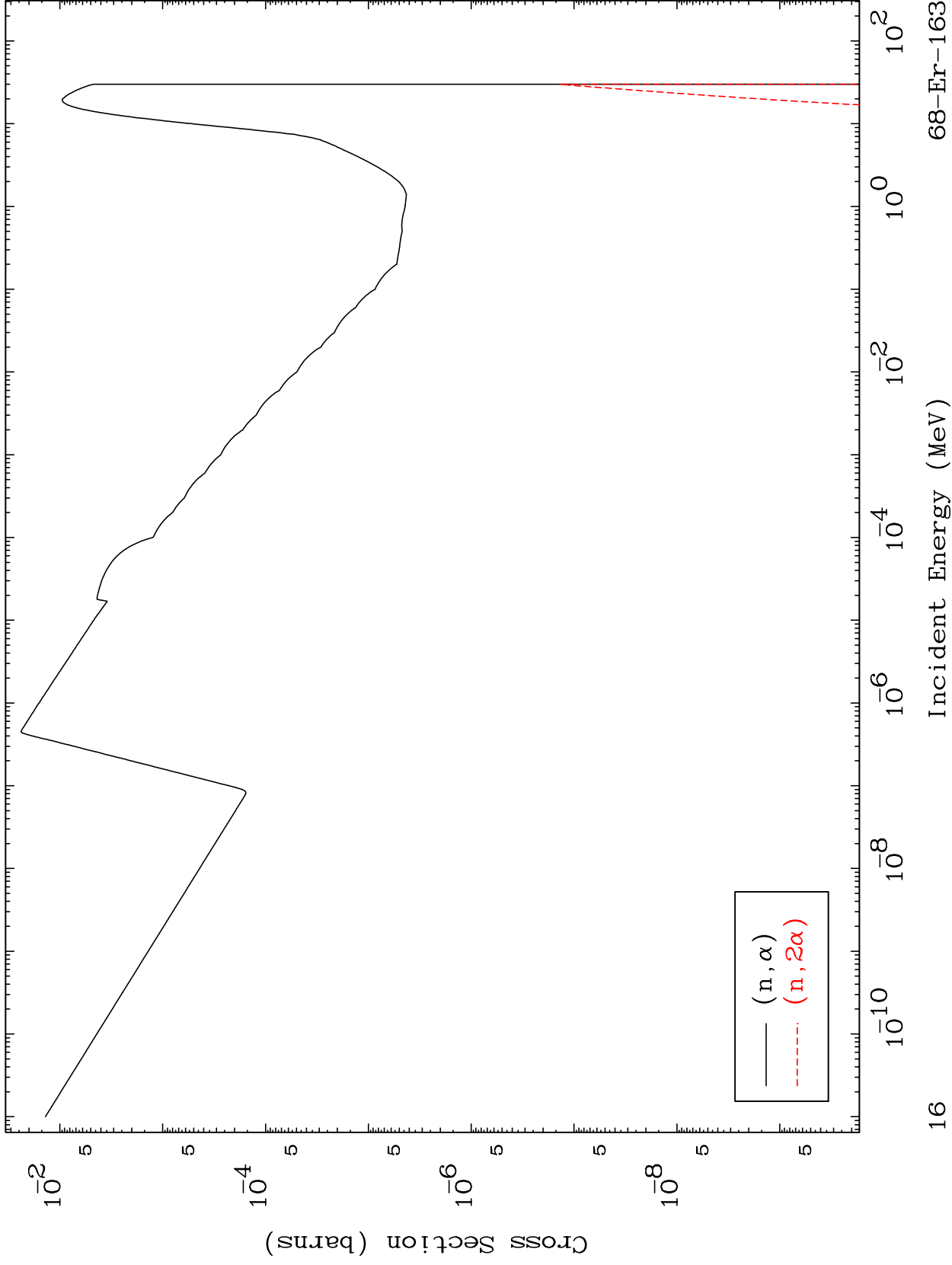
Incident Energy (MeV)

68-Er-163

MAT 6828

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

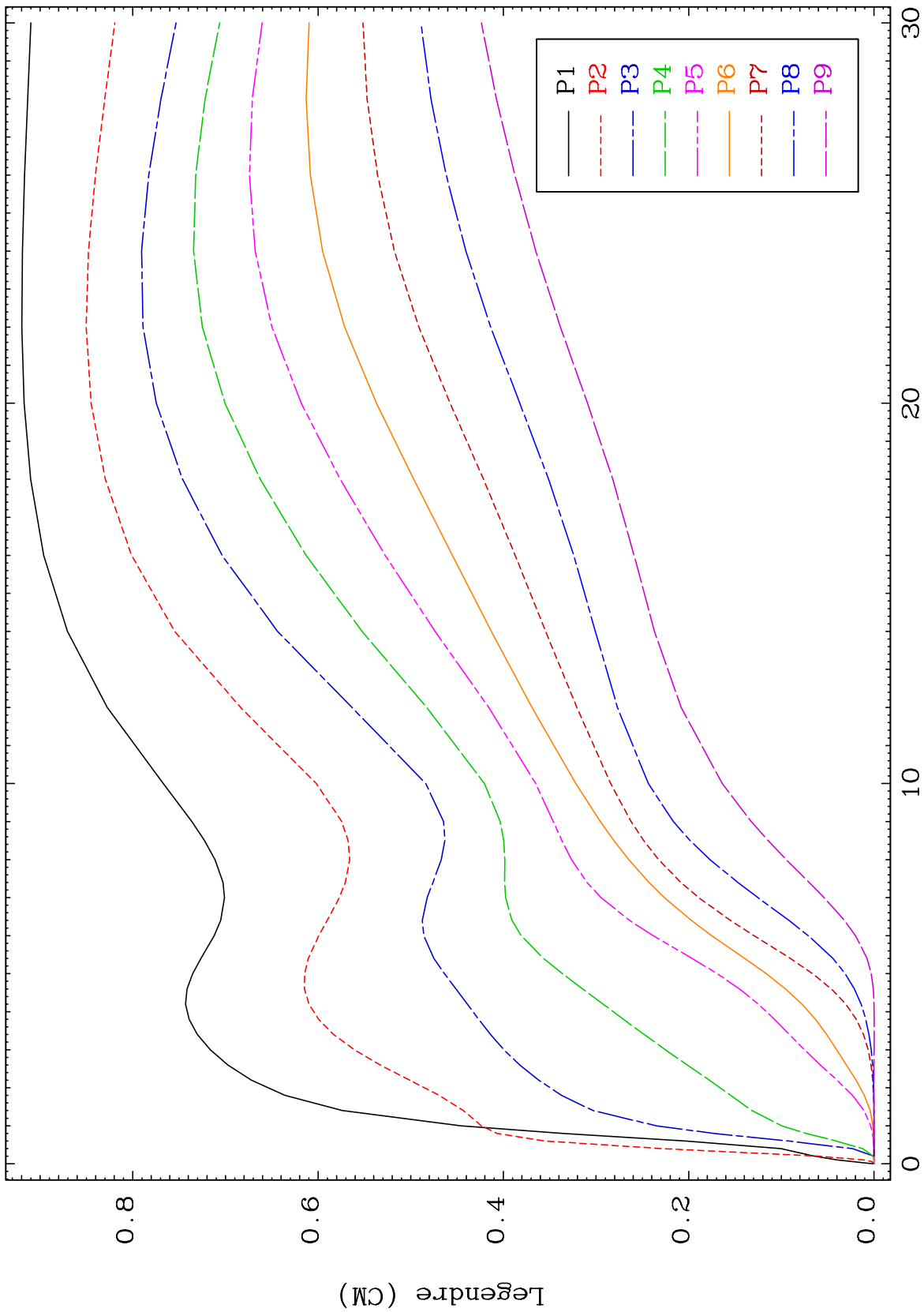
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MAT 6828

68-Er-163

Elastic Legendre Coefficients



68-Er-163

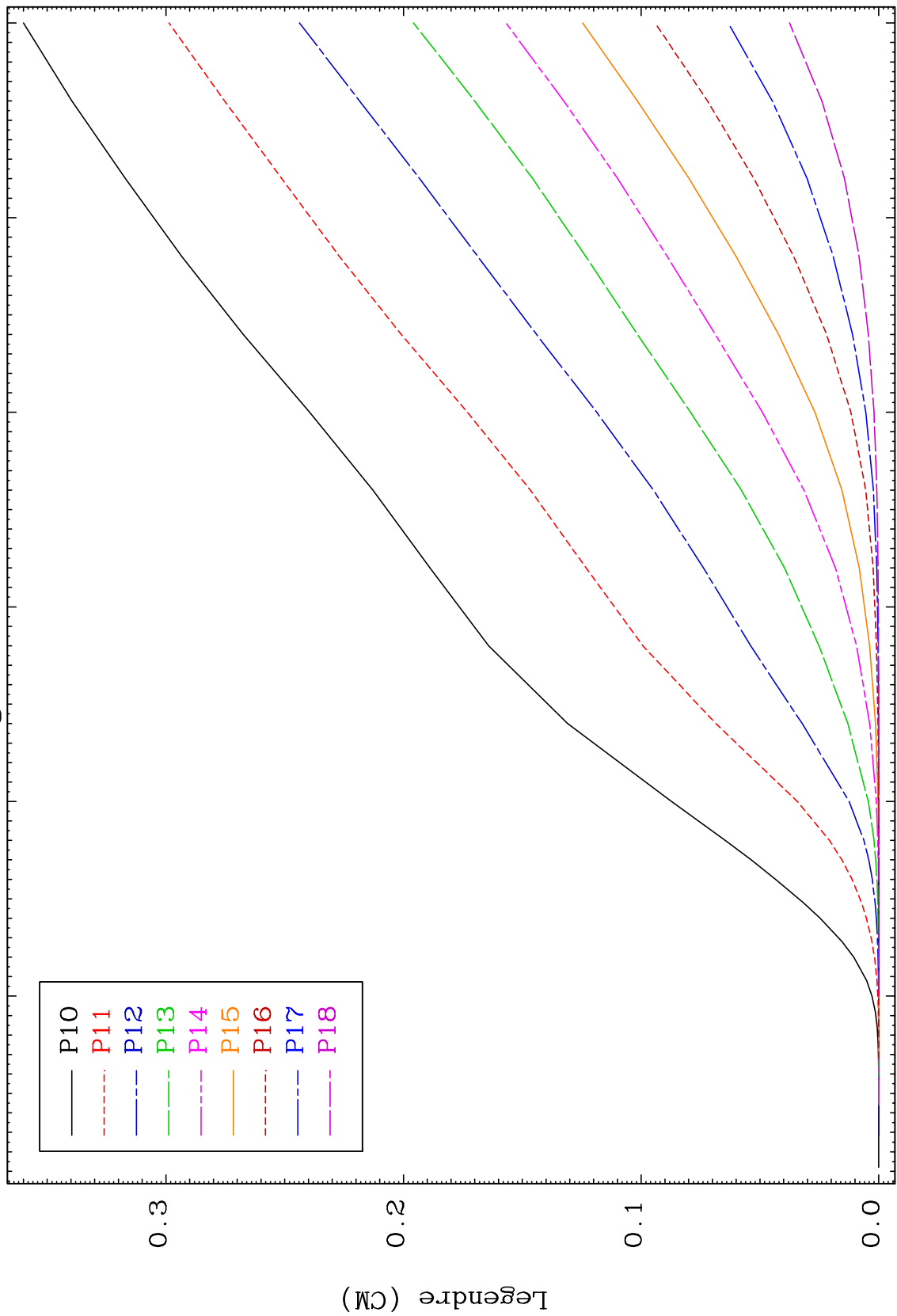
Incident Energy (MeV)

17

MAT 6828

Elastic Legendre Coefficients

68-Er-163



18

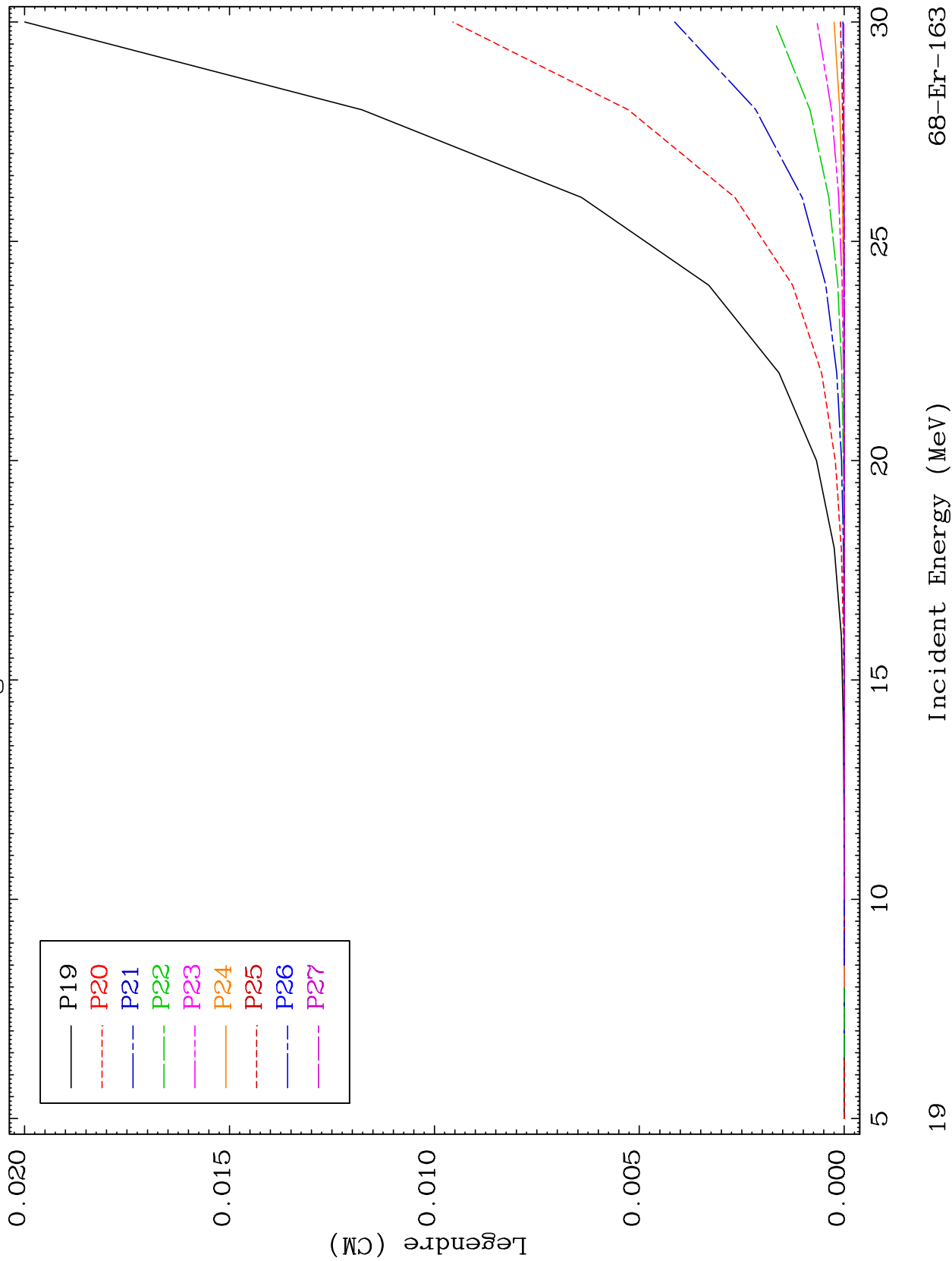
Incident Energy (MeV)

68-Er-163

MAT 6828

Elastic  
Legendre Coefficients

68-Er-163



19

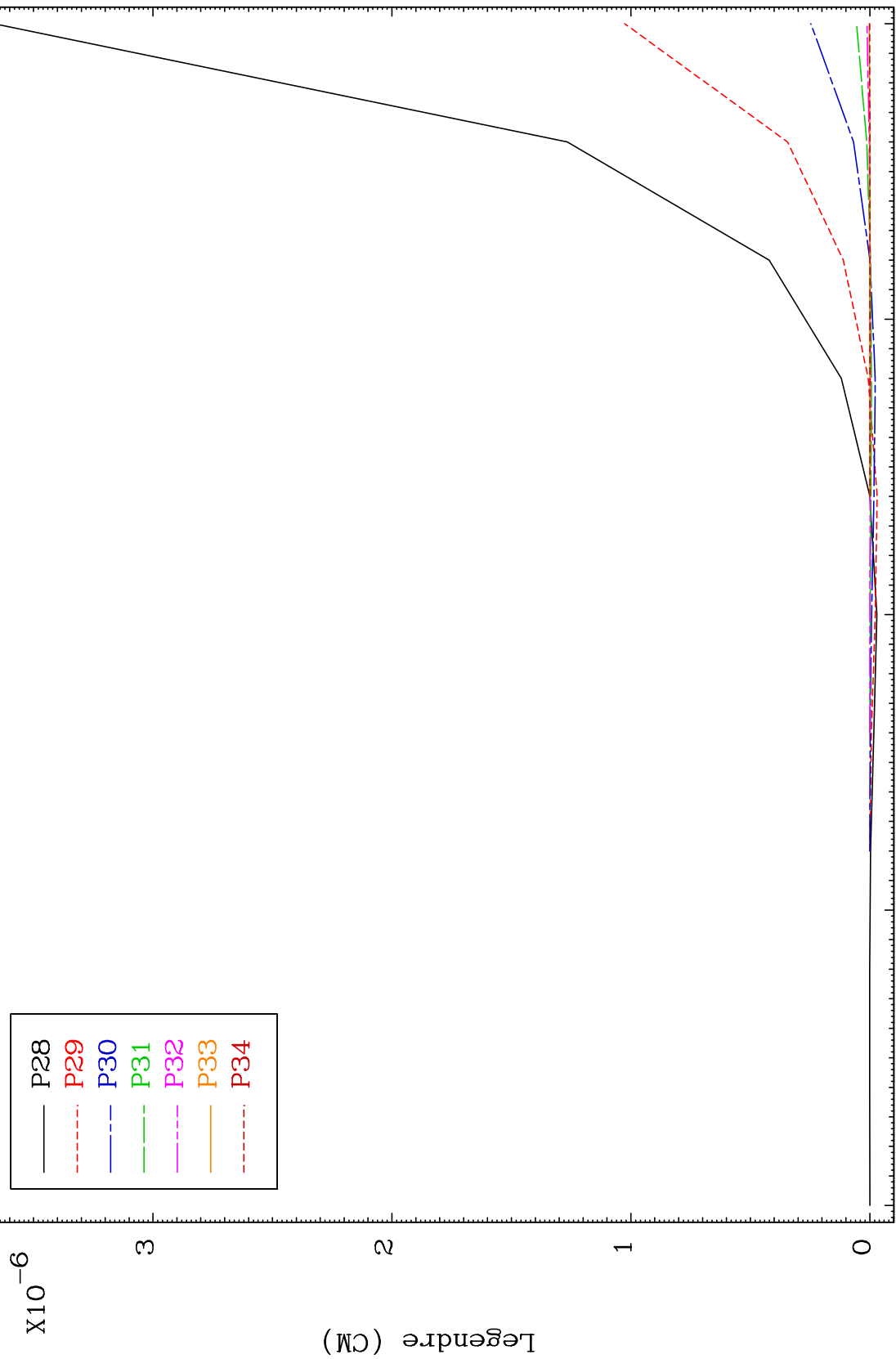
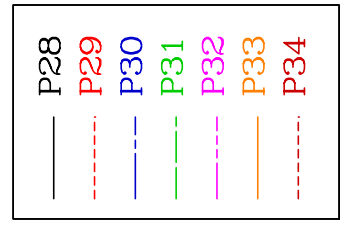
Incident Energy (MeV)

68-Er-163

MAT 6828

Elastic Legendre Coefficients

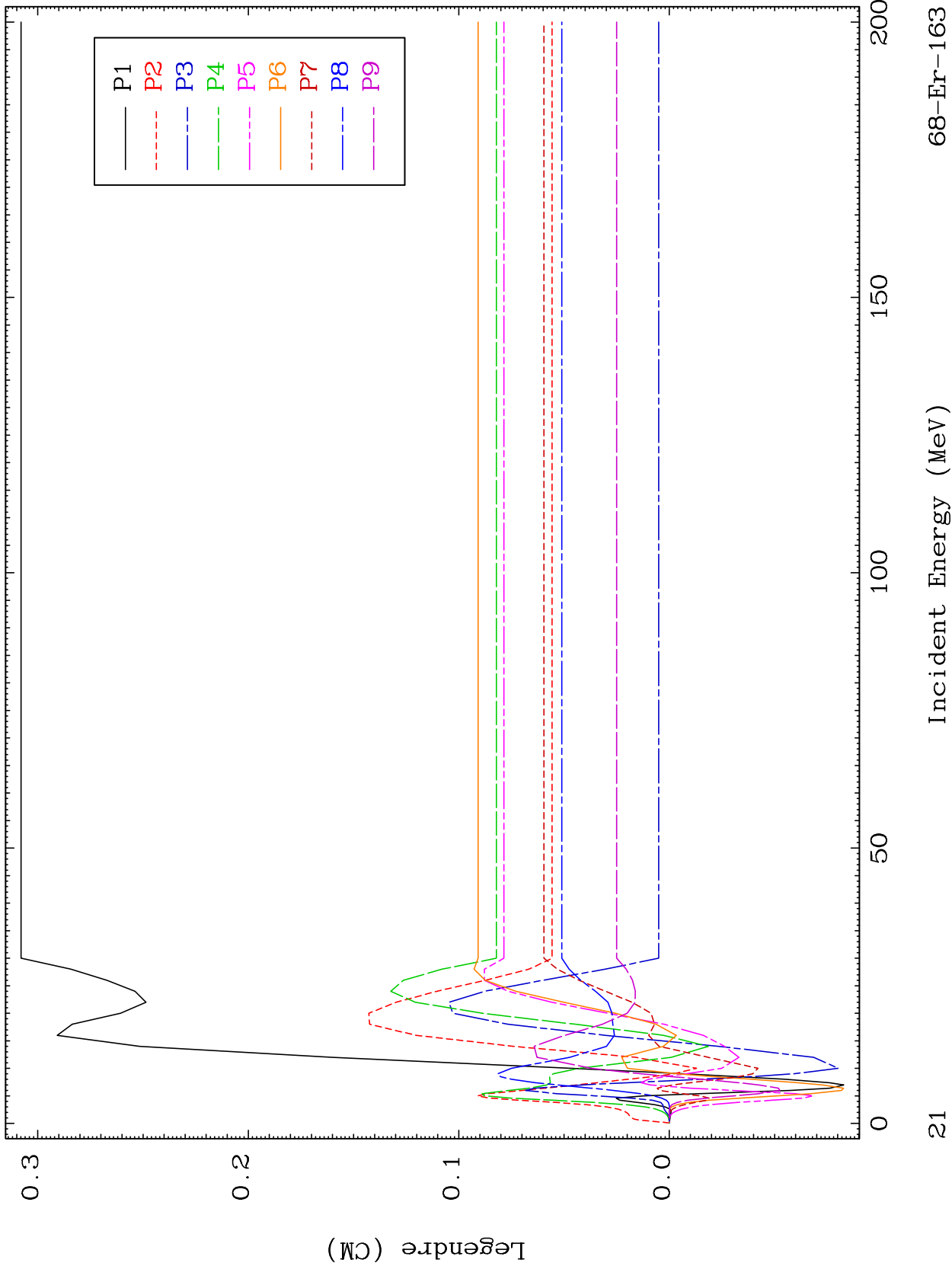
68-Er-163



68-Er-163

Incident Energy (MeV)

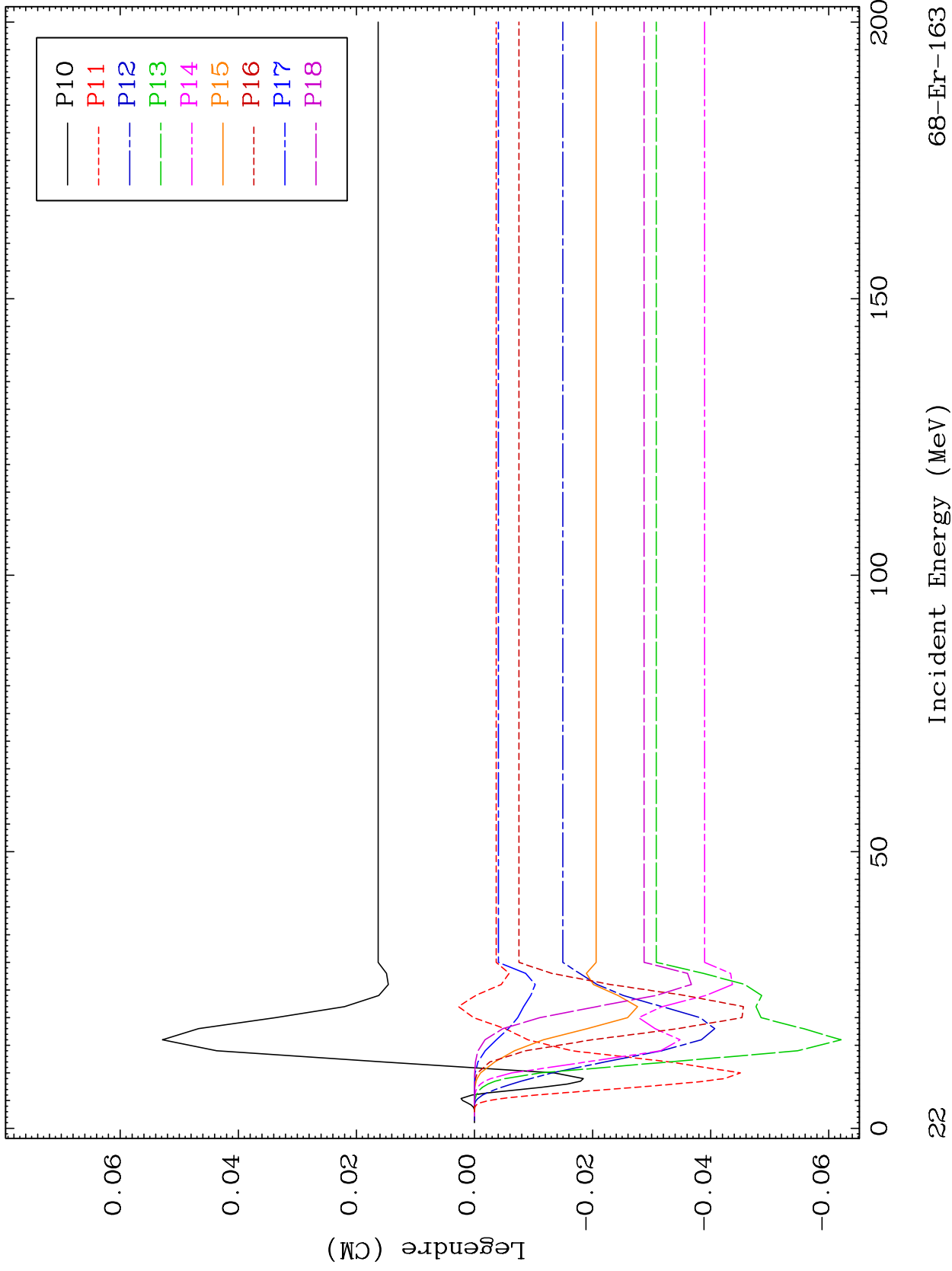
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MAT 6828

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

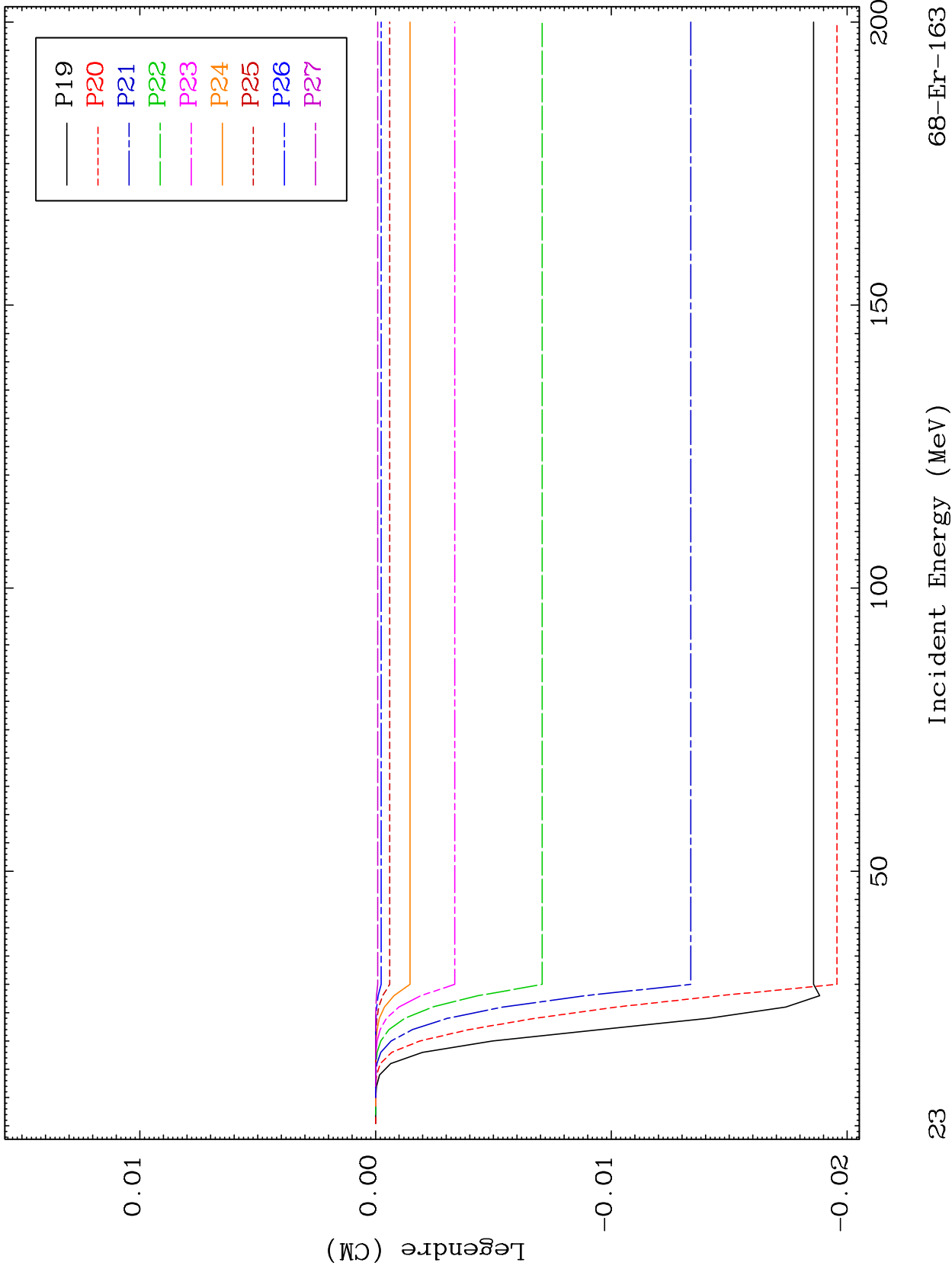
68-Er-163



68-Er-163

Incident Energy (MeV)

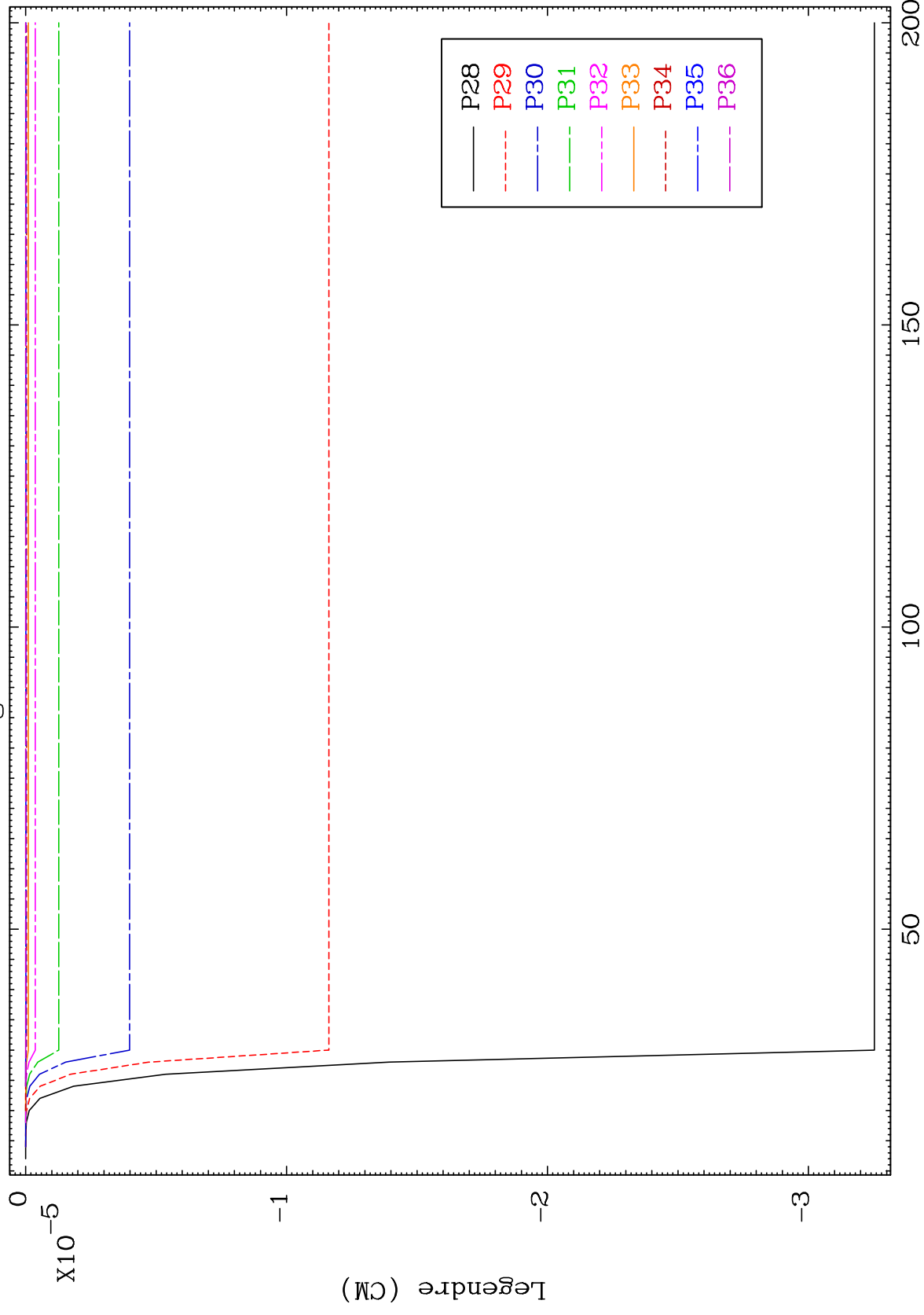
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MAT 6828

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

68-Er-163



24

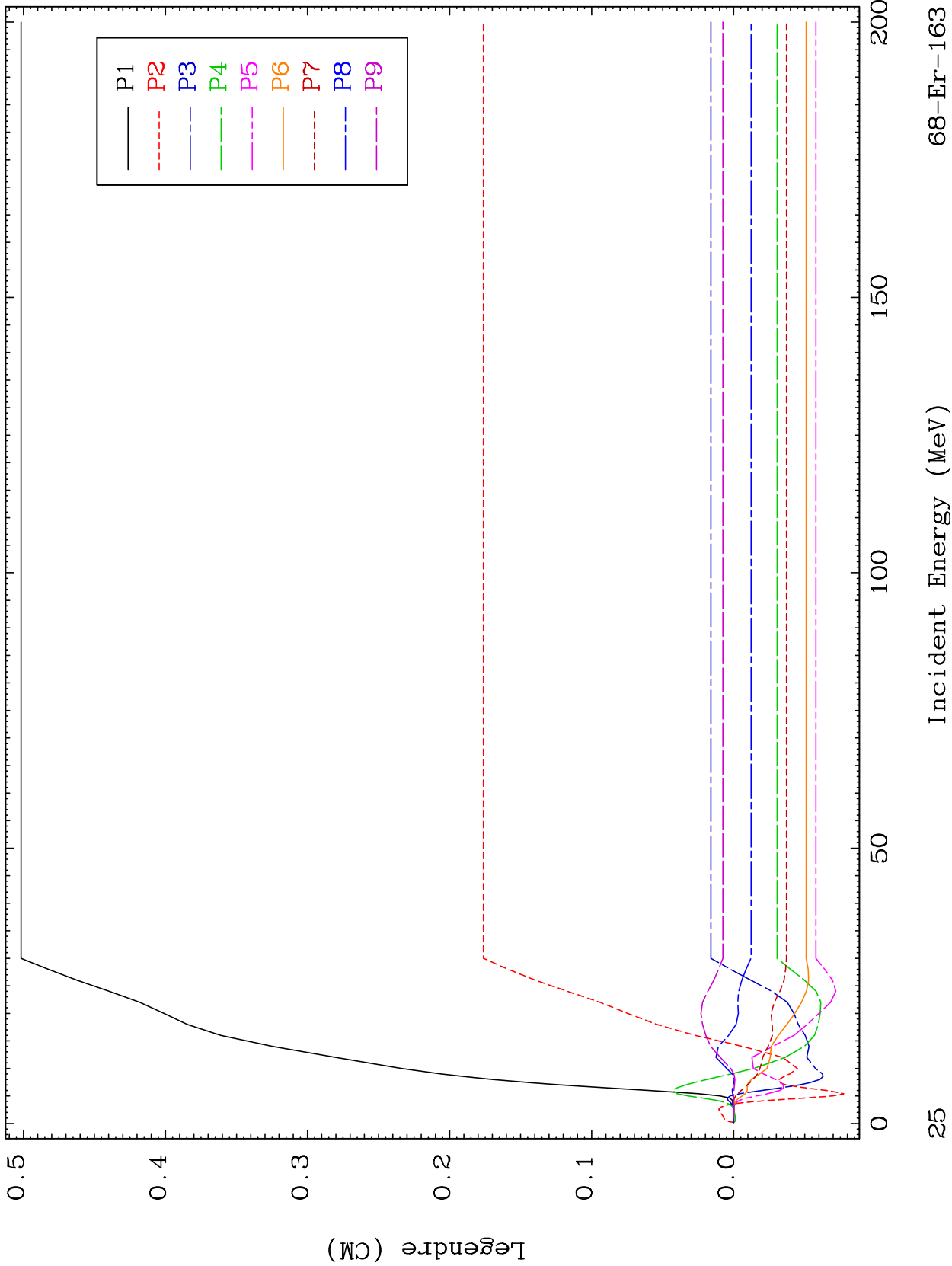
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

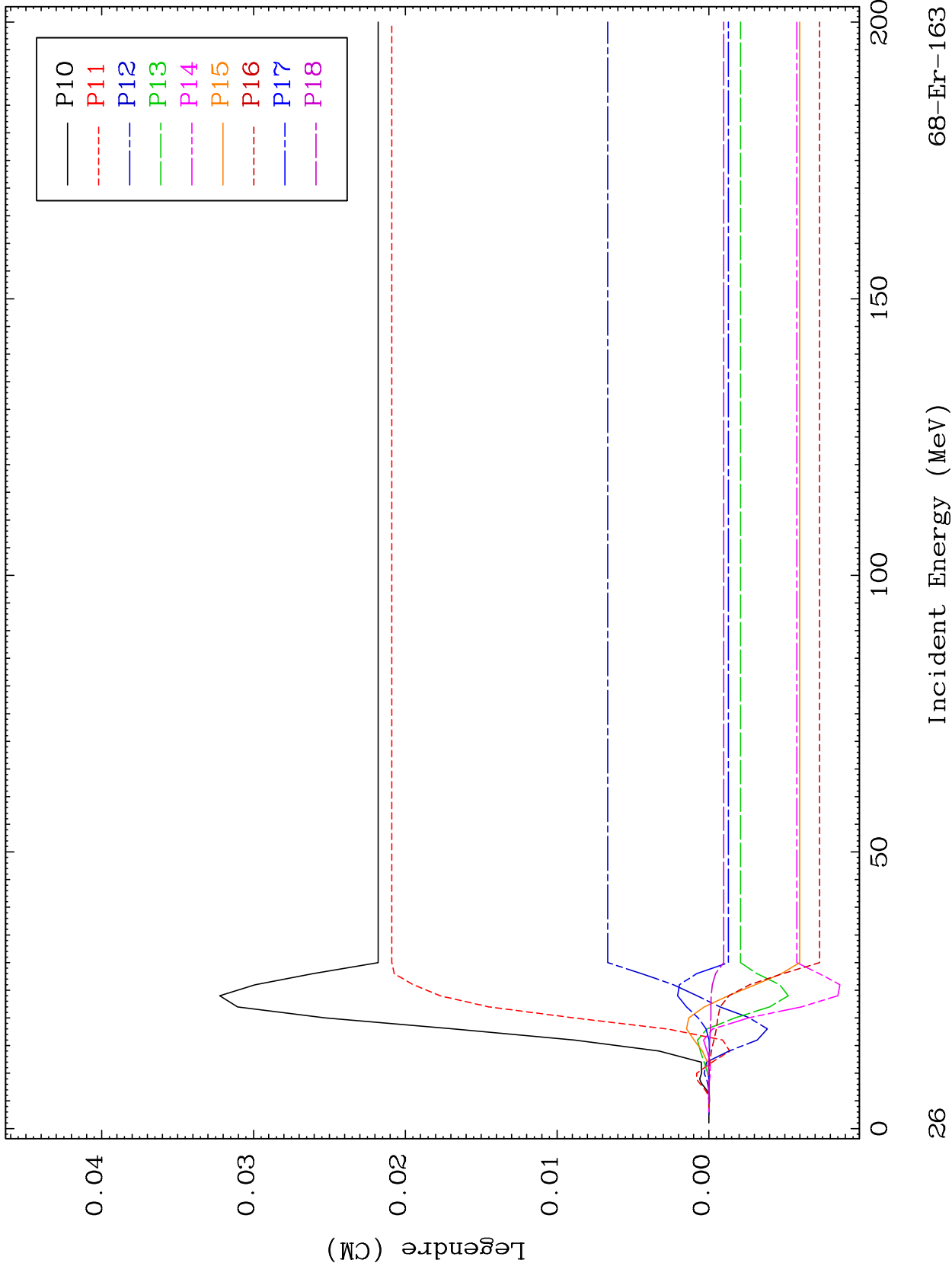
Incident Energy (MeV)

25

MAT 6828

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

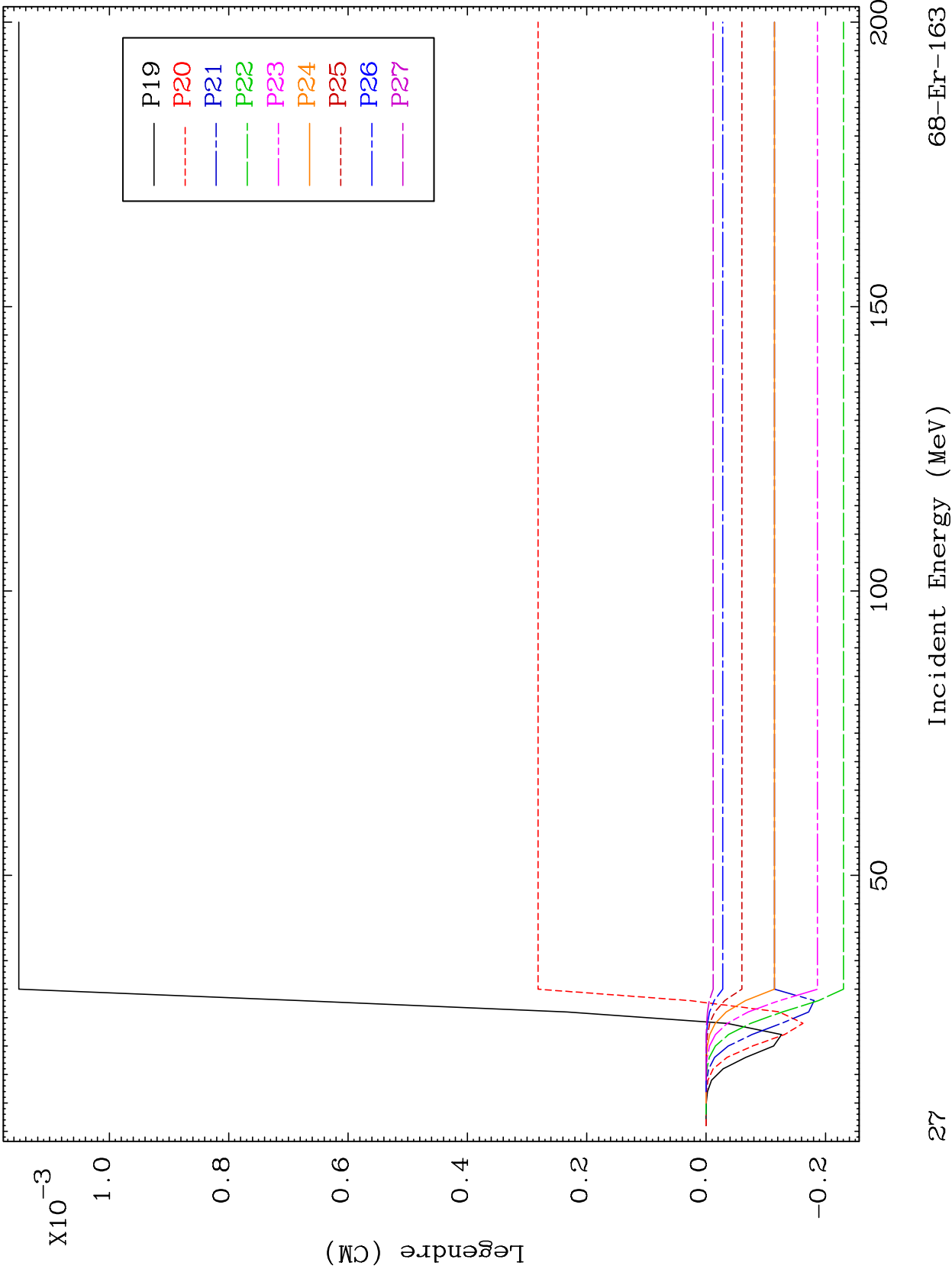
68-Er-163



26

Incident Energy (MeV)

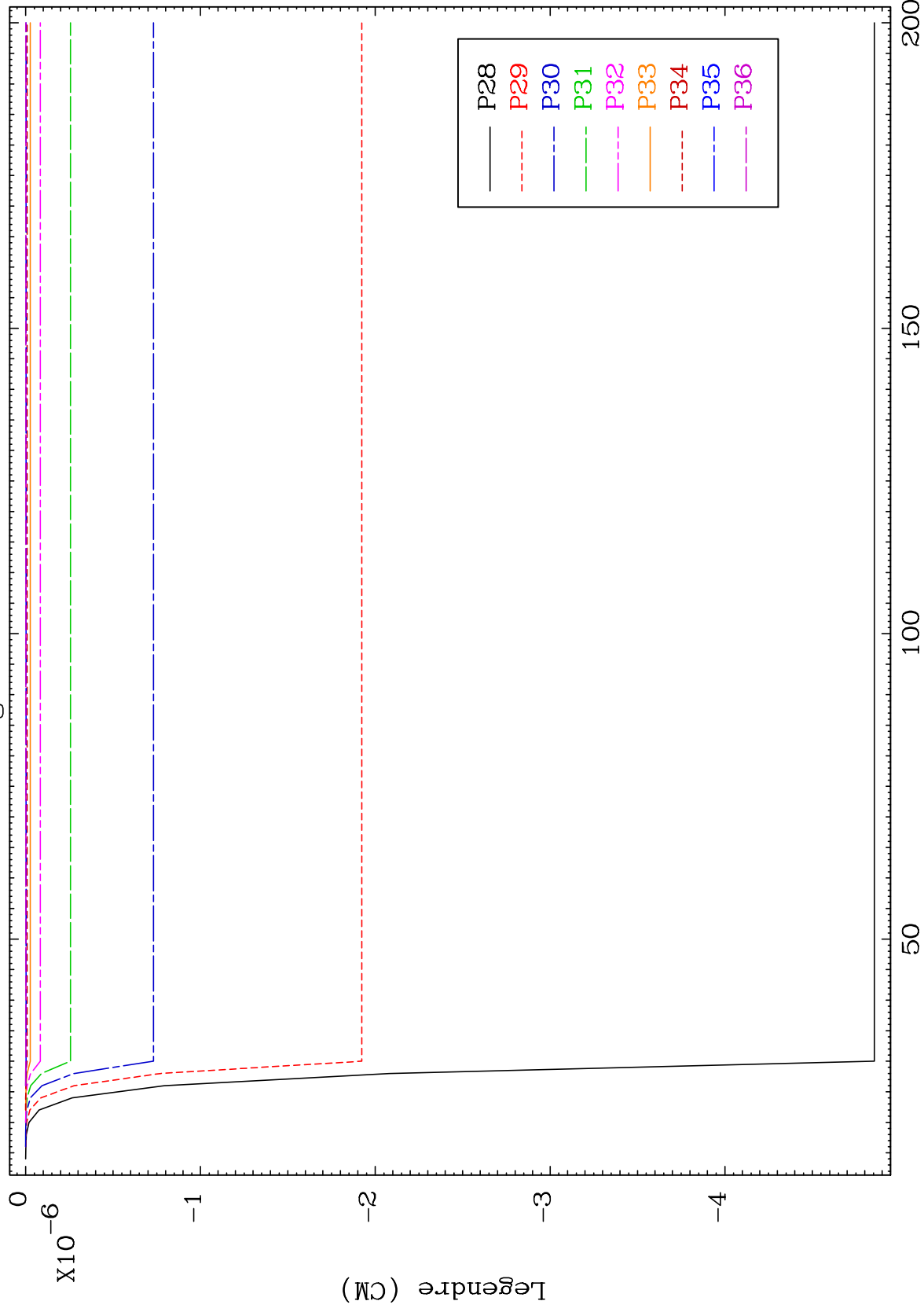
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MAT 6828

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

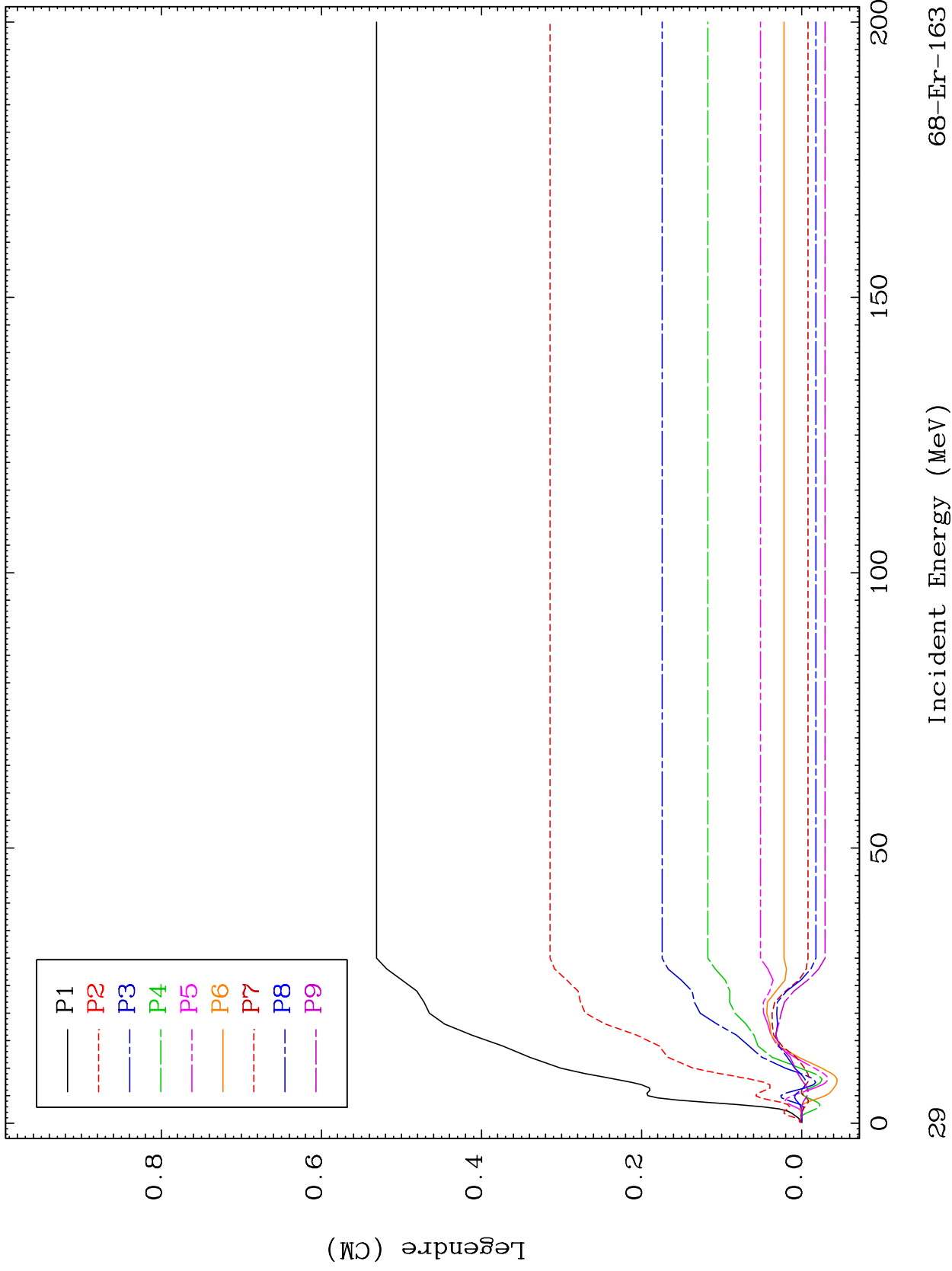
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28

Incident Energy (MeV)

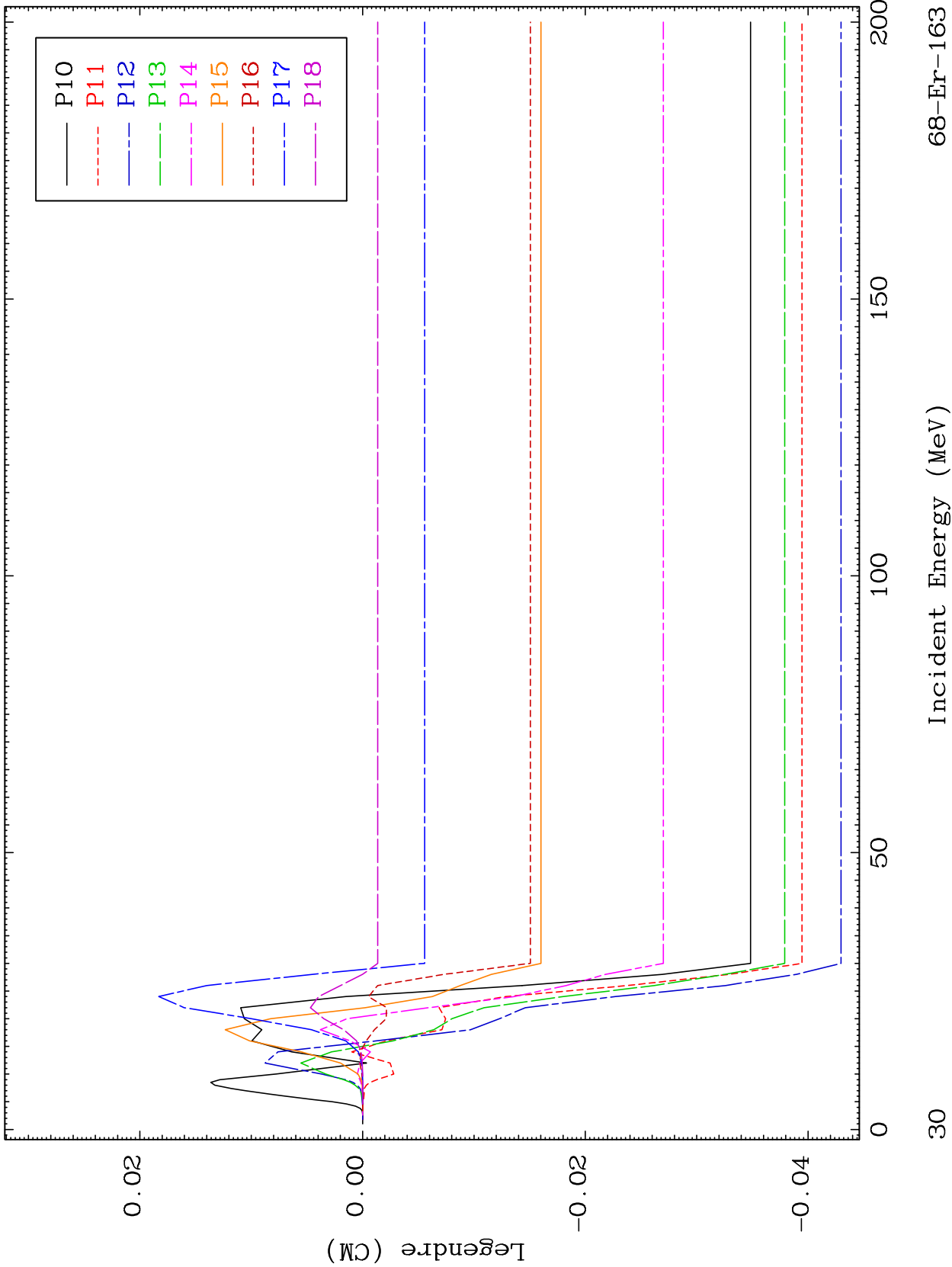
68-Er-163



MAT 6828

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

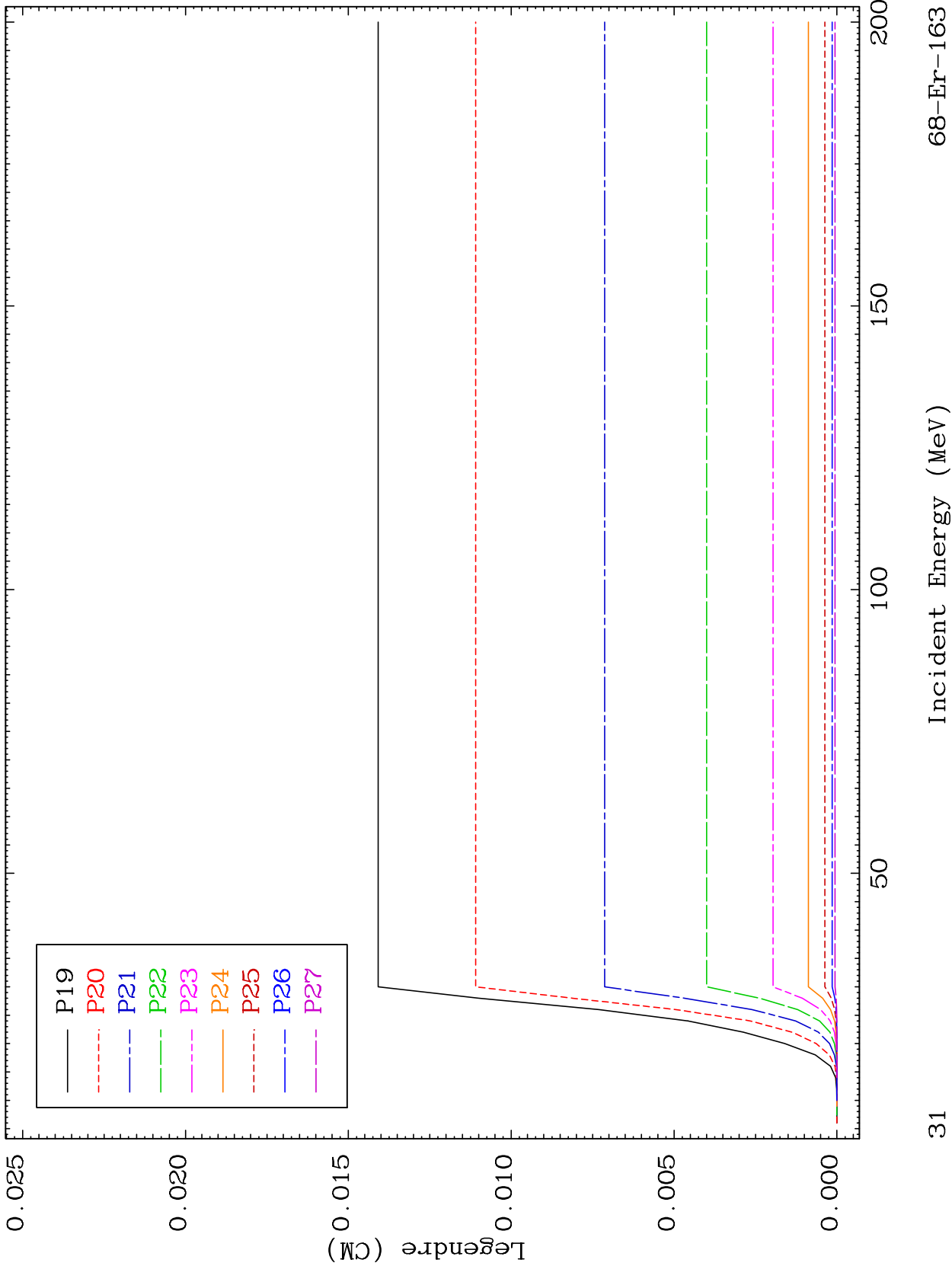
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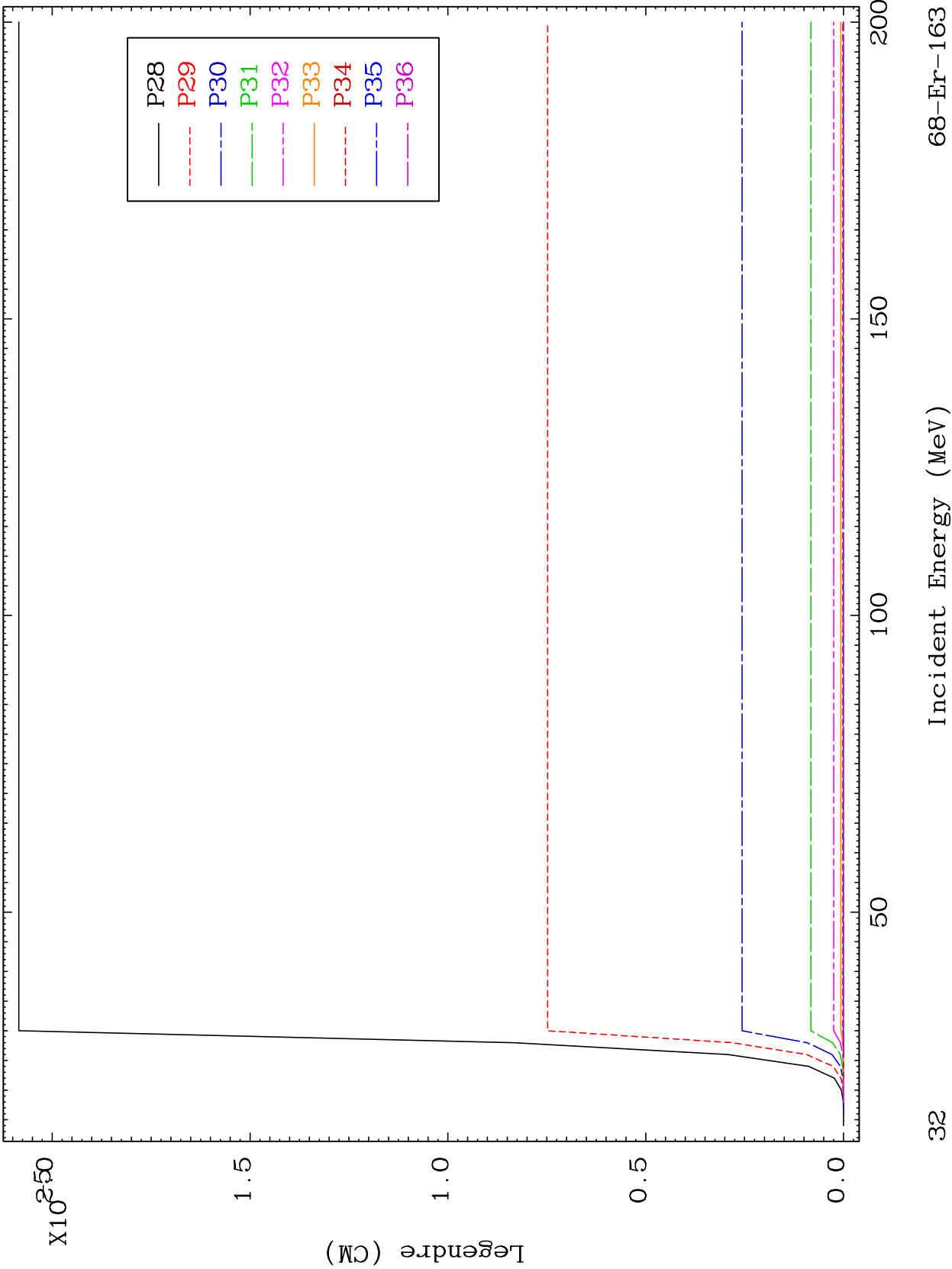


68-Er-163

Incident Energy (MeV)

30

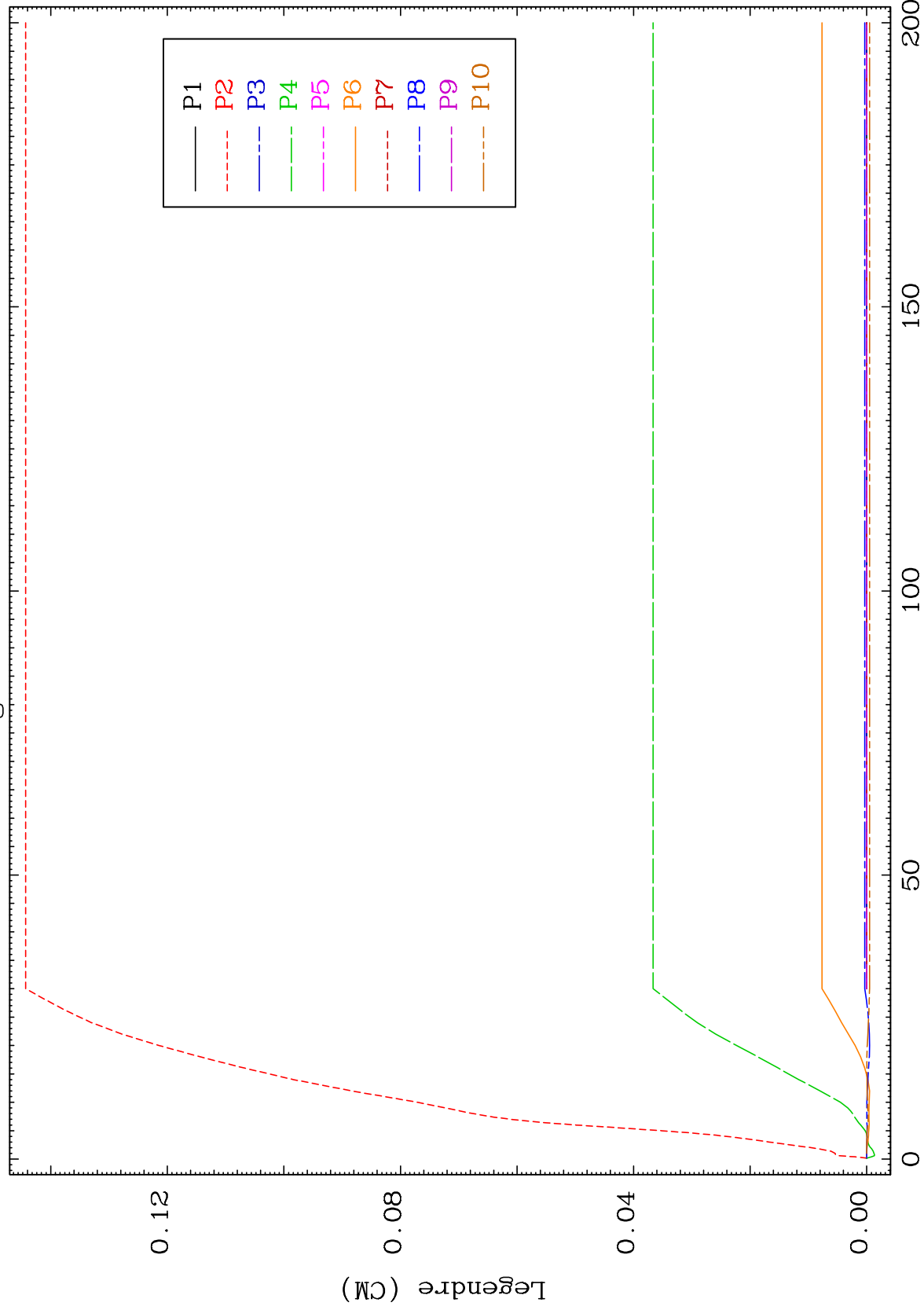




MAT 6828

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

68-Er-163



33

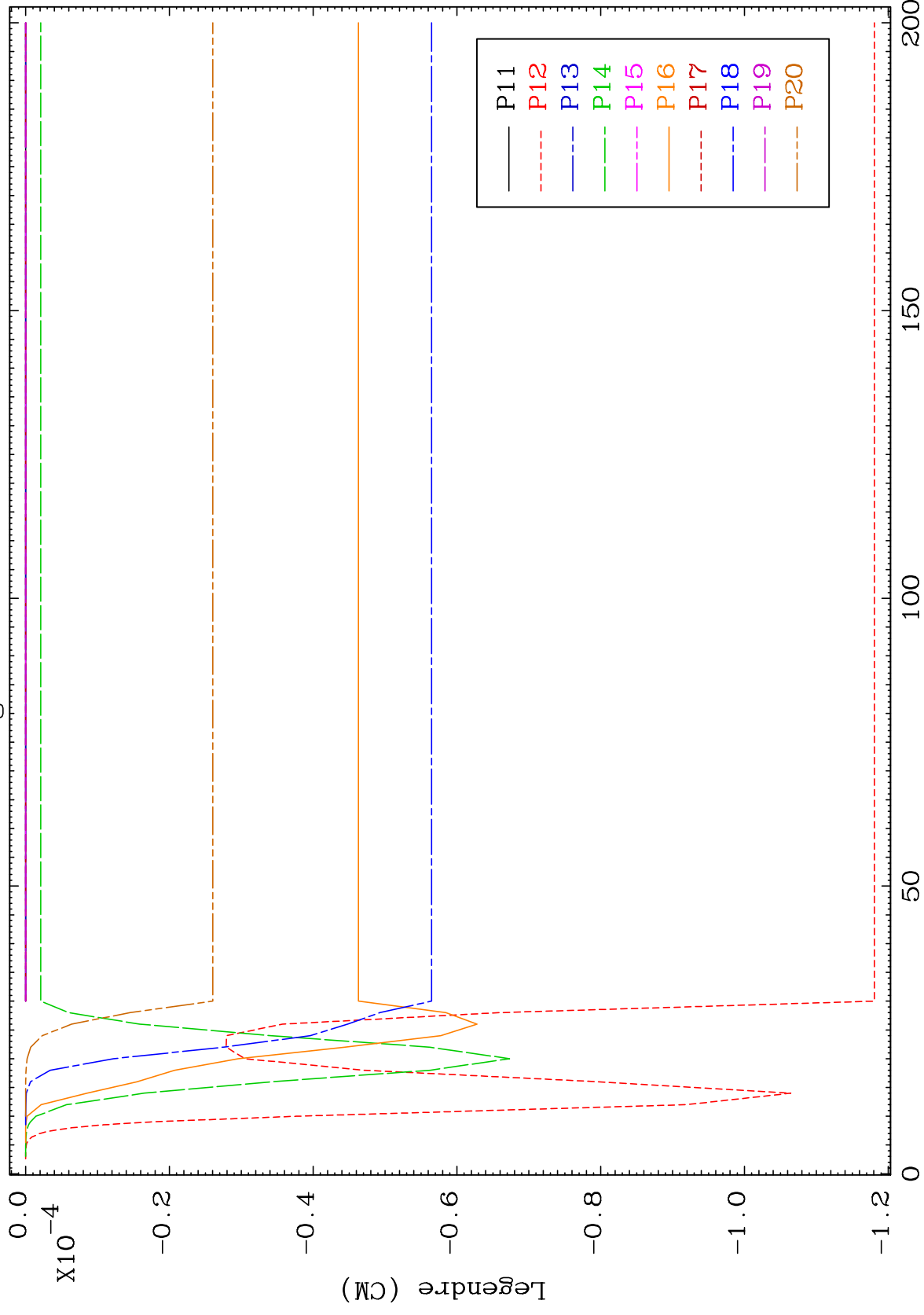
Incident Energy (MeV)

68-Er-163

MAT 6828

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

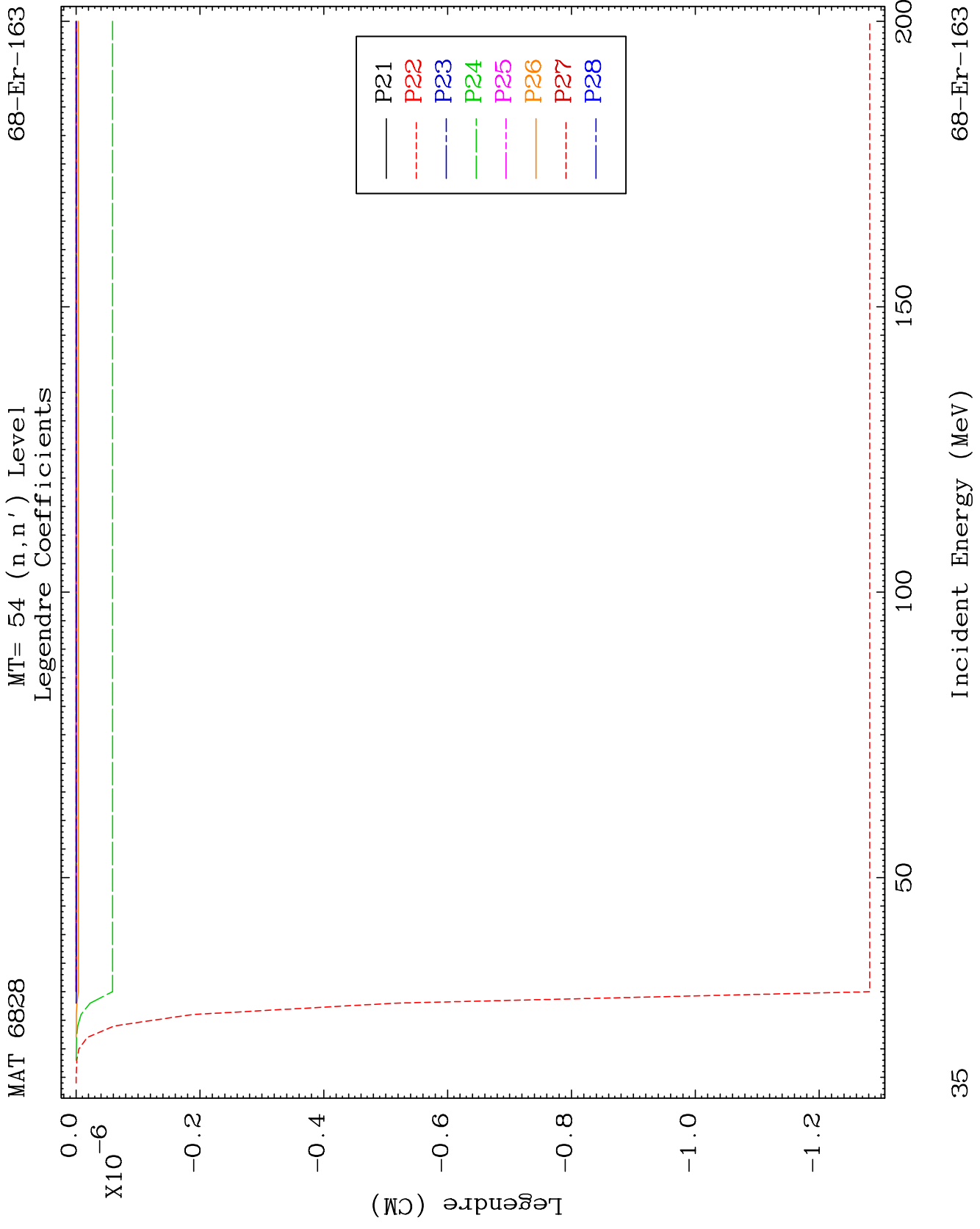
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34

Incident Energy (MeV)

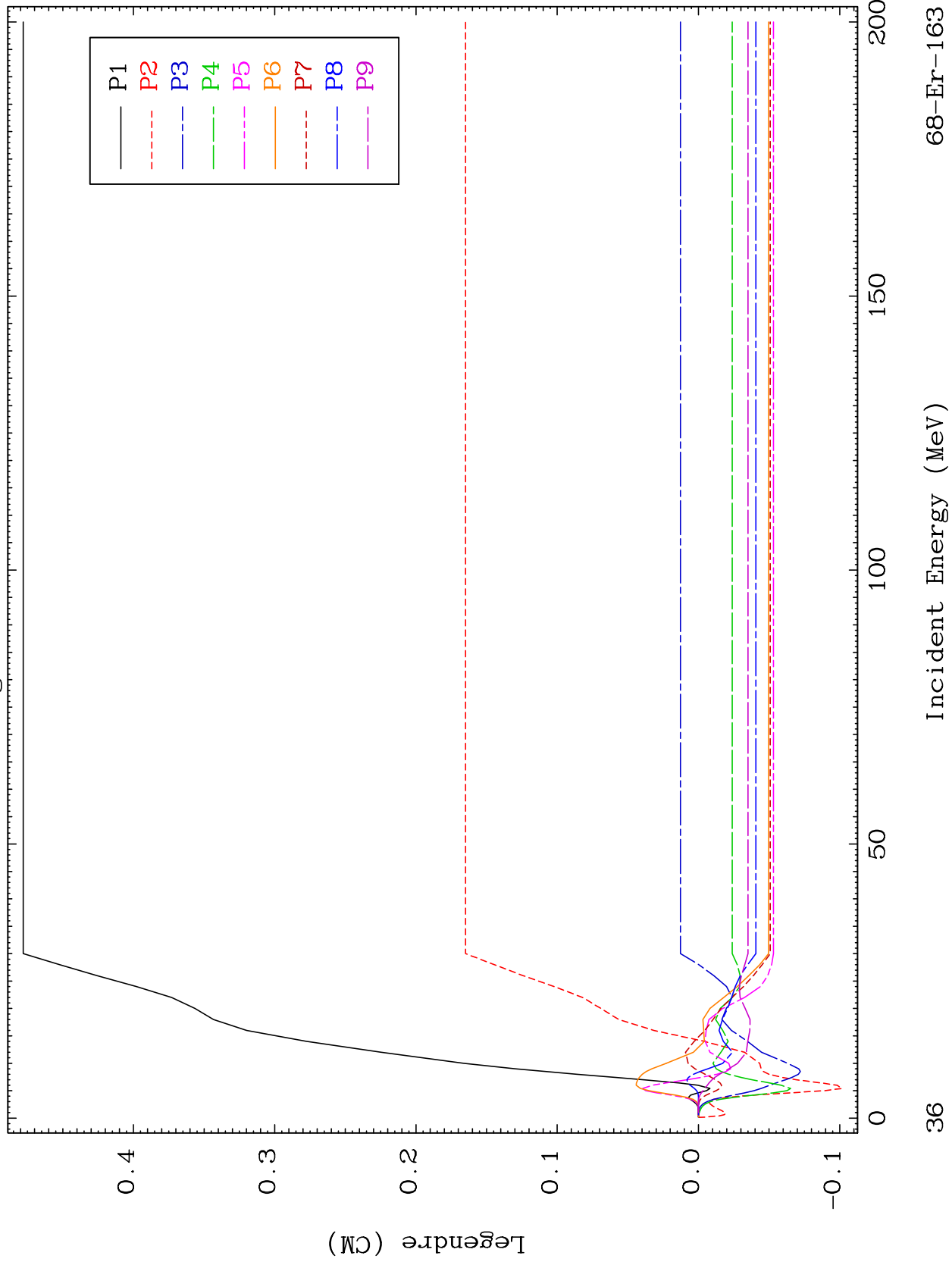
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MAT 6828

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

68-Er-163

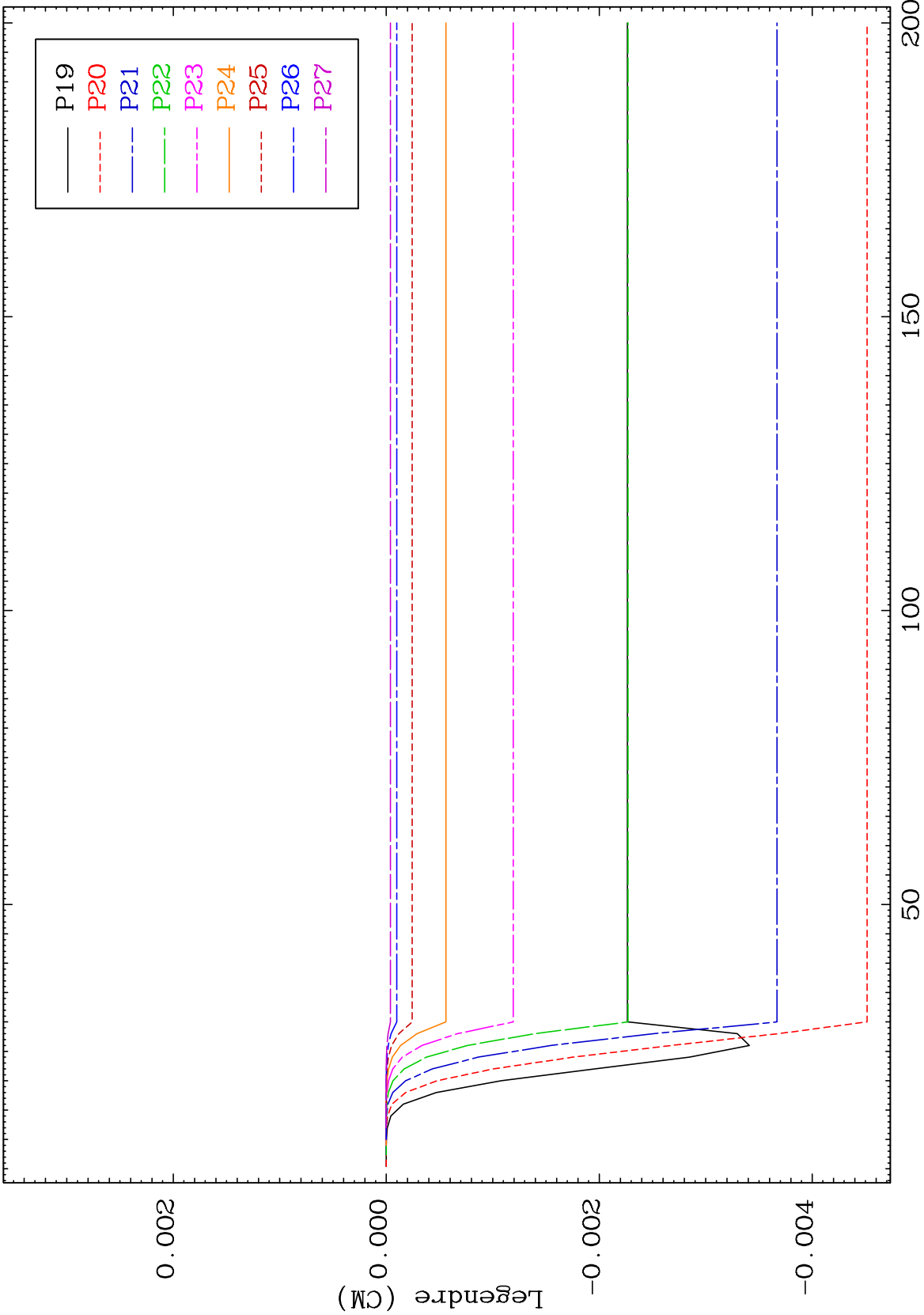


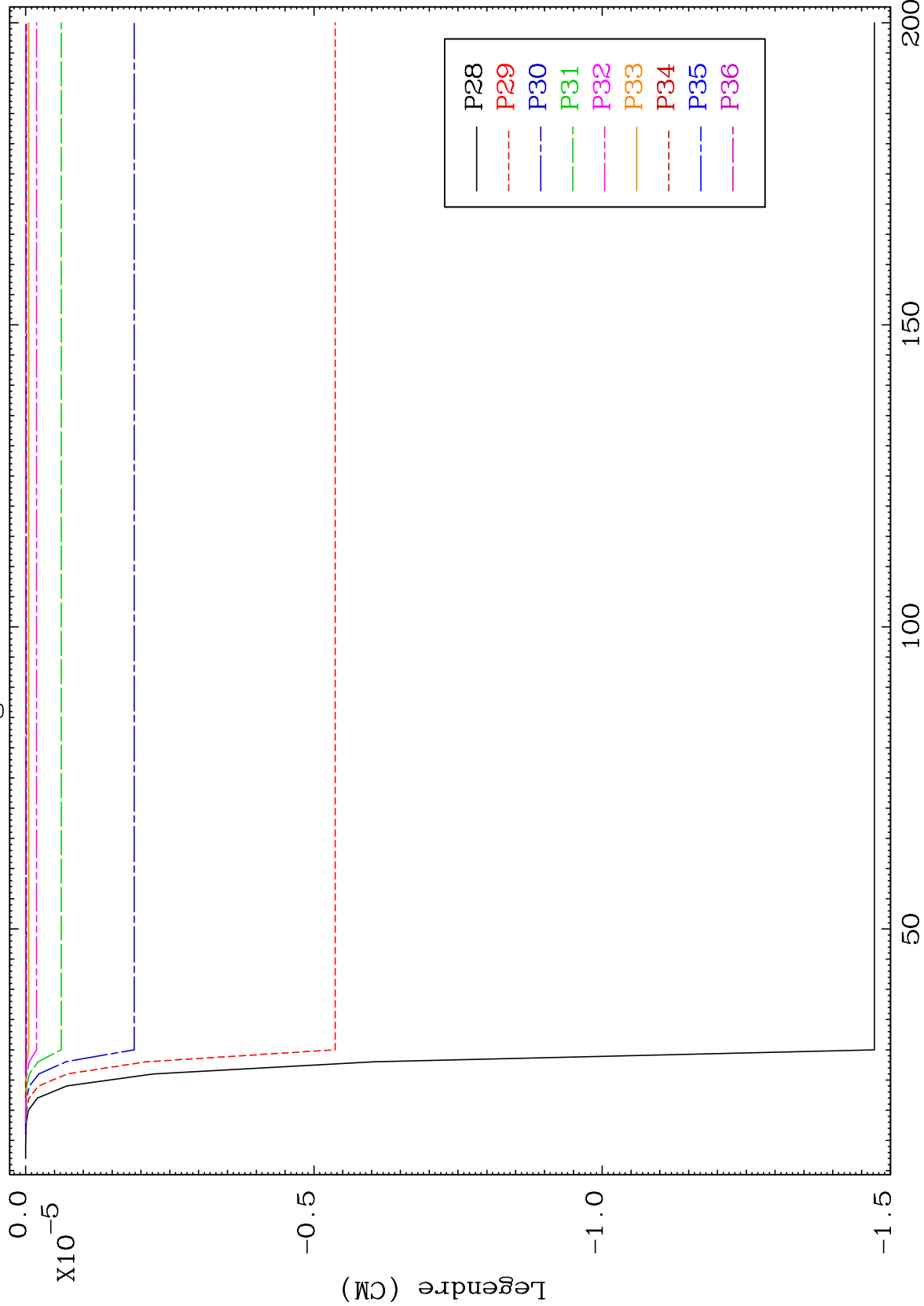
68-Er-163

Incident Energy (MeV)

36



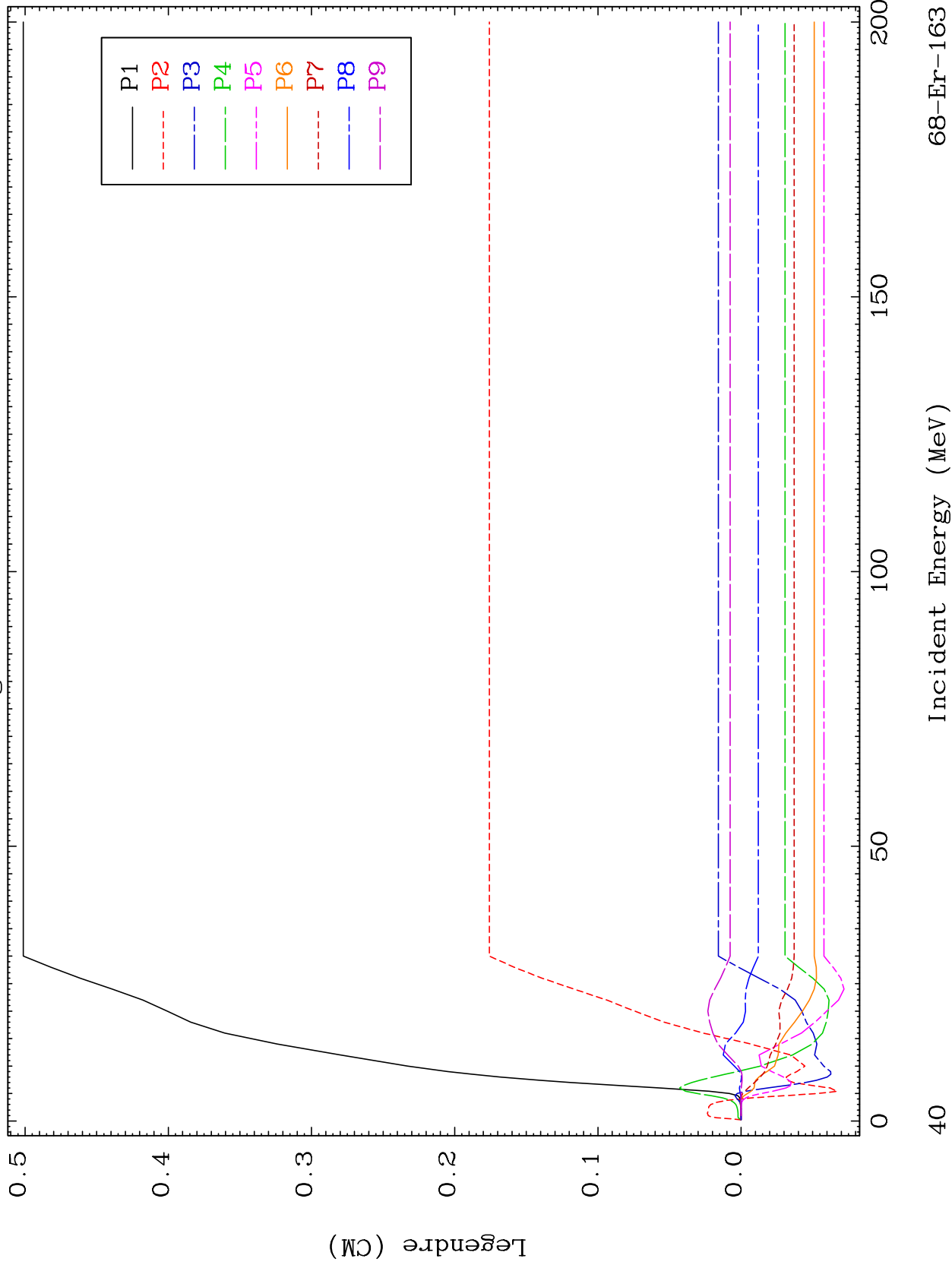




MAT 6828

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

68-Er-163



68-Er-163

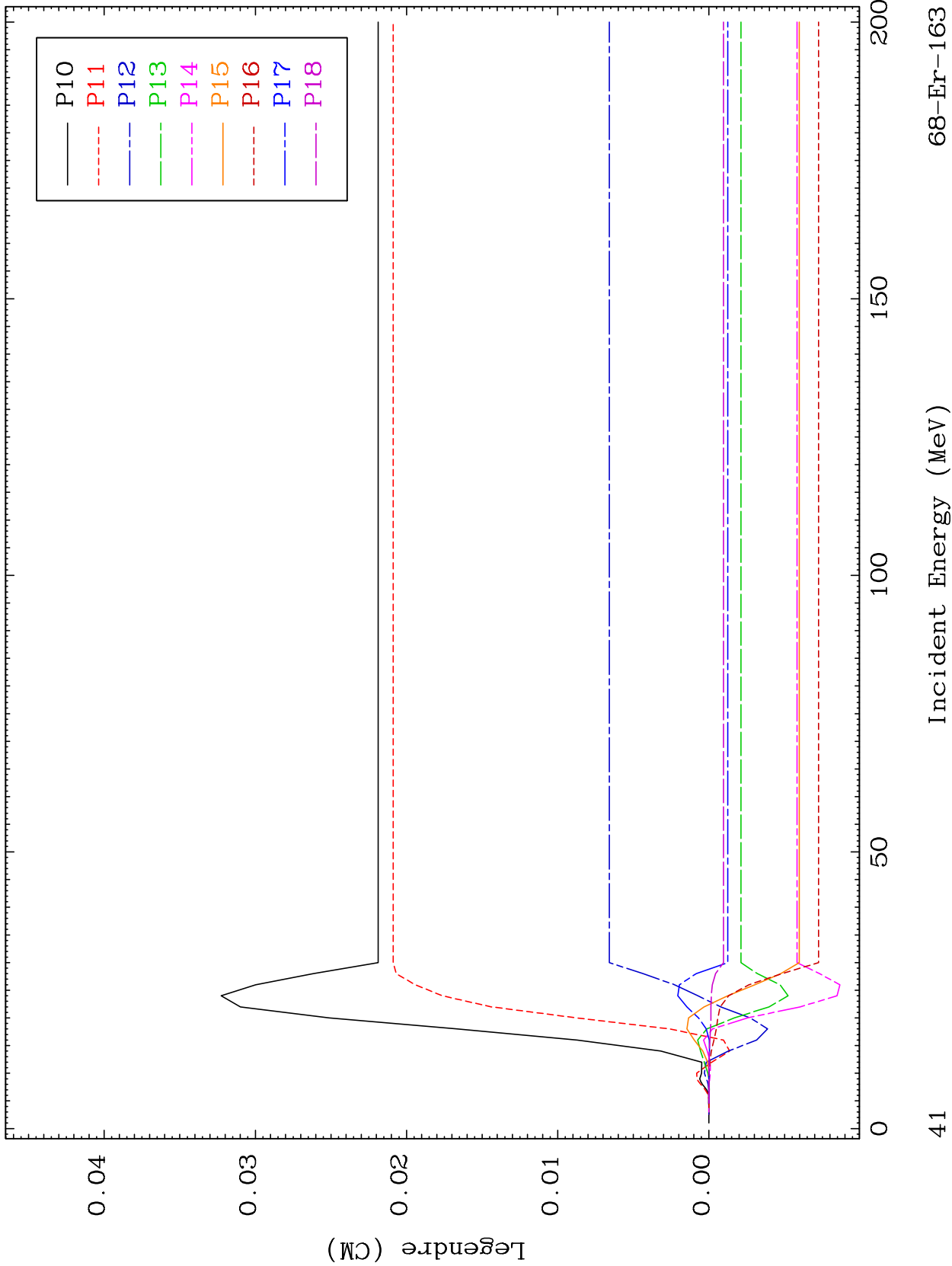
Incident Energy (MeV)

40

MAT 6828

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

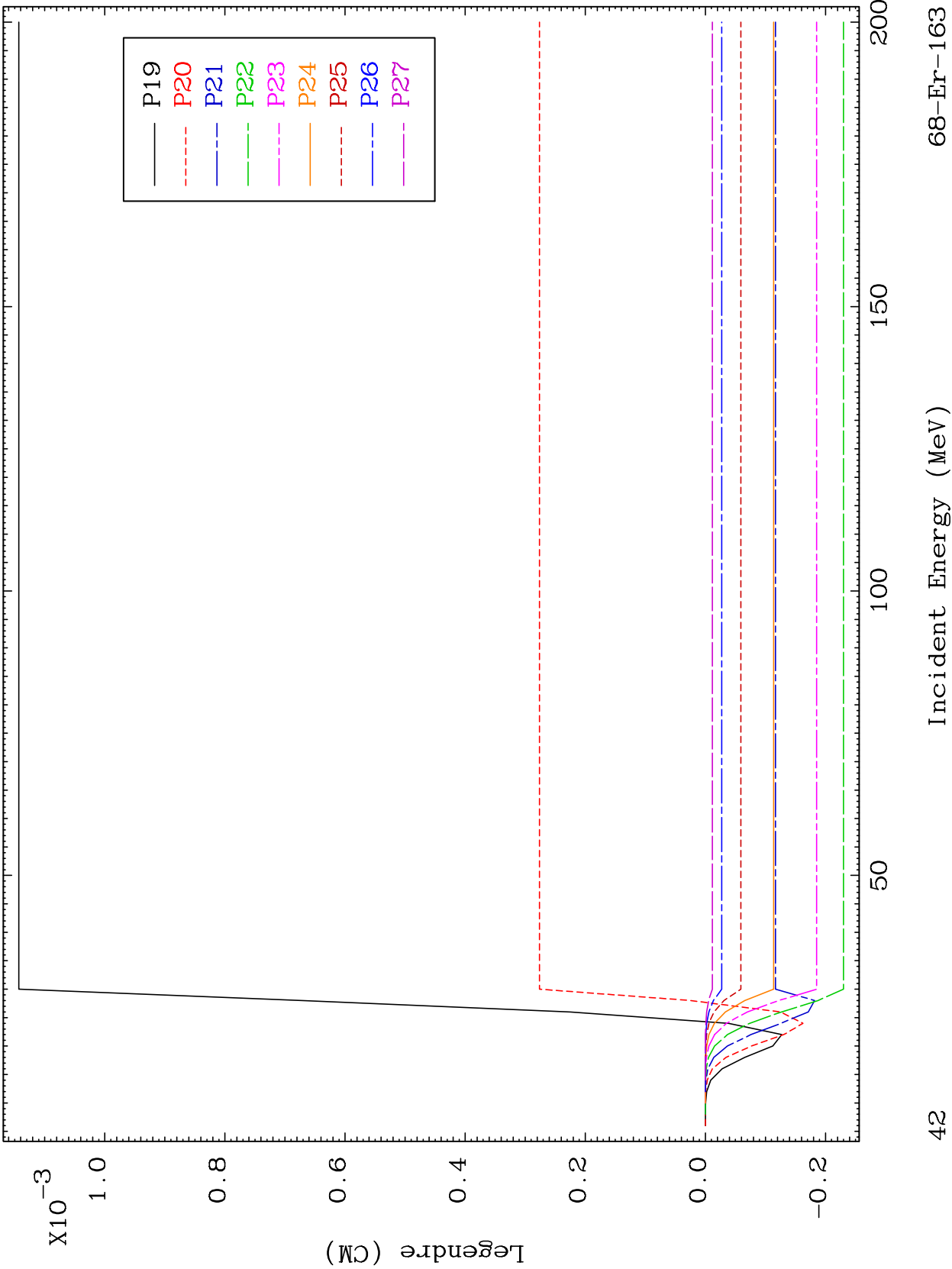
68-Er-163



41

Incident Energy (MeV)

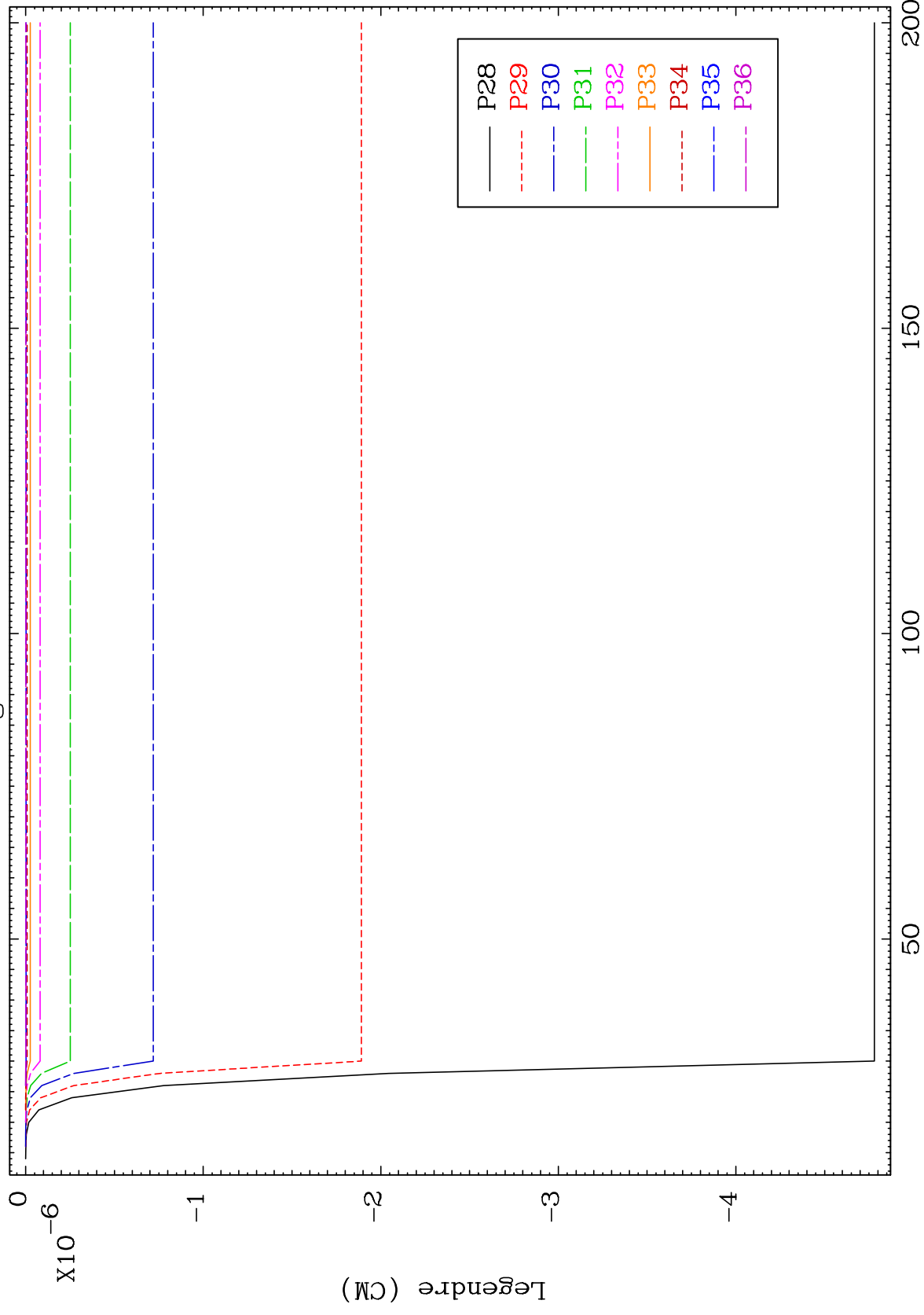
68-Er-163



MAT 6828

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

68-Er-163



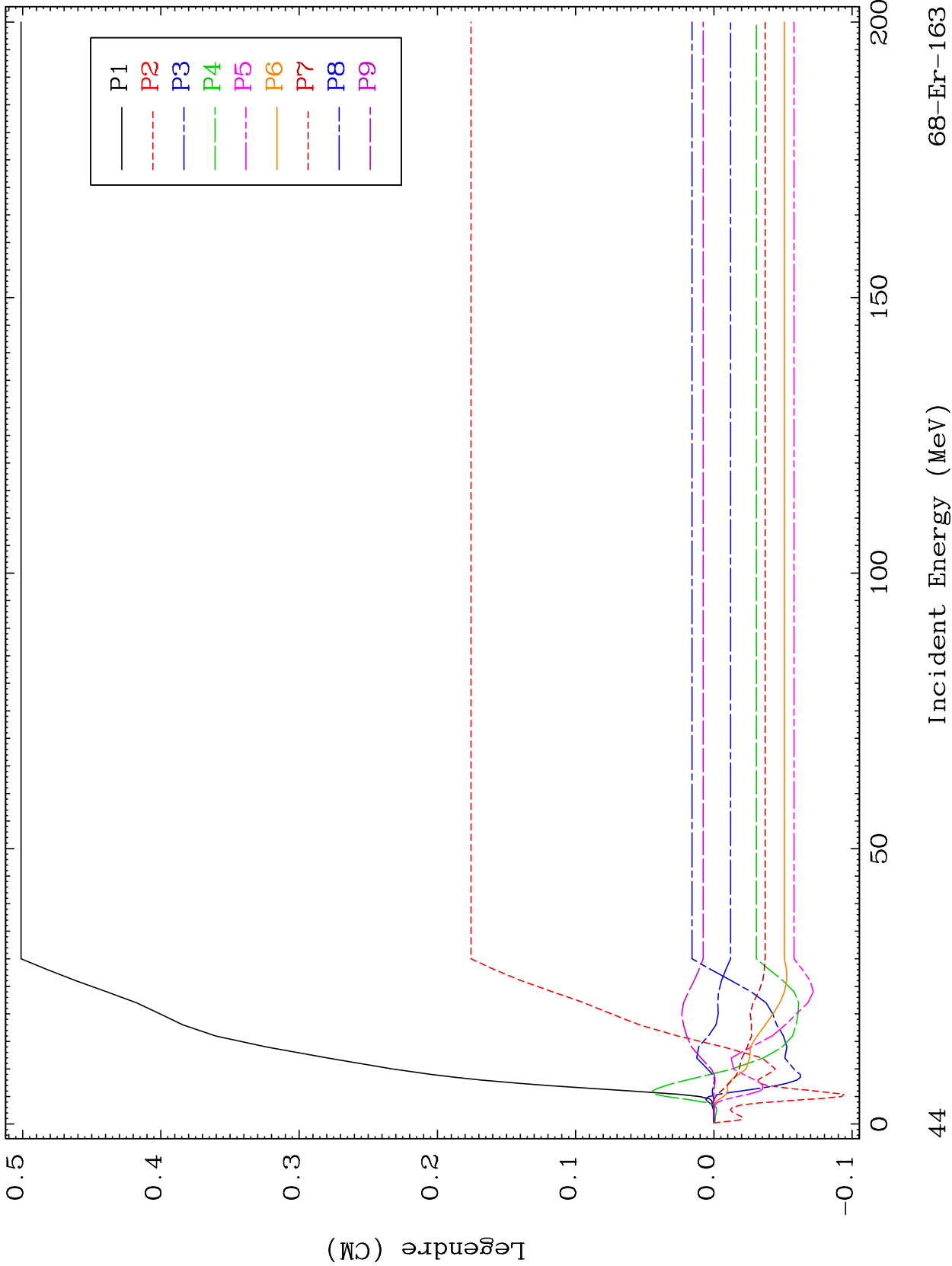
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68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

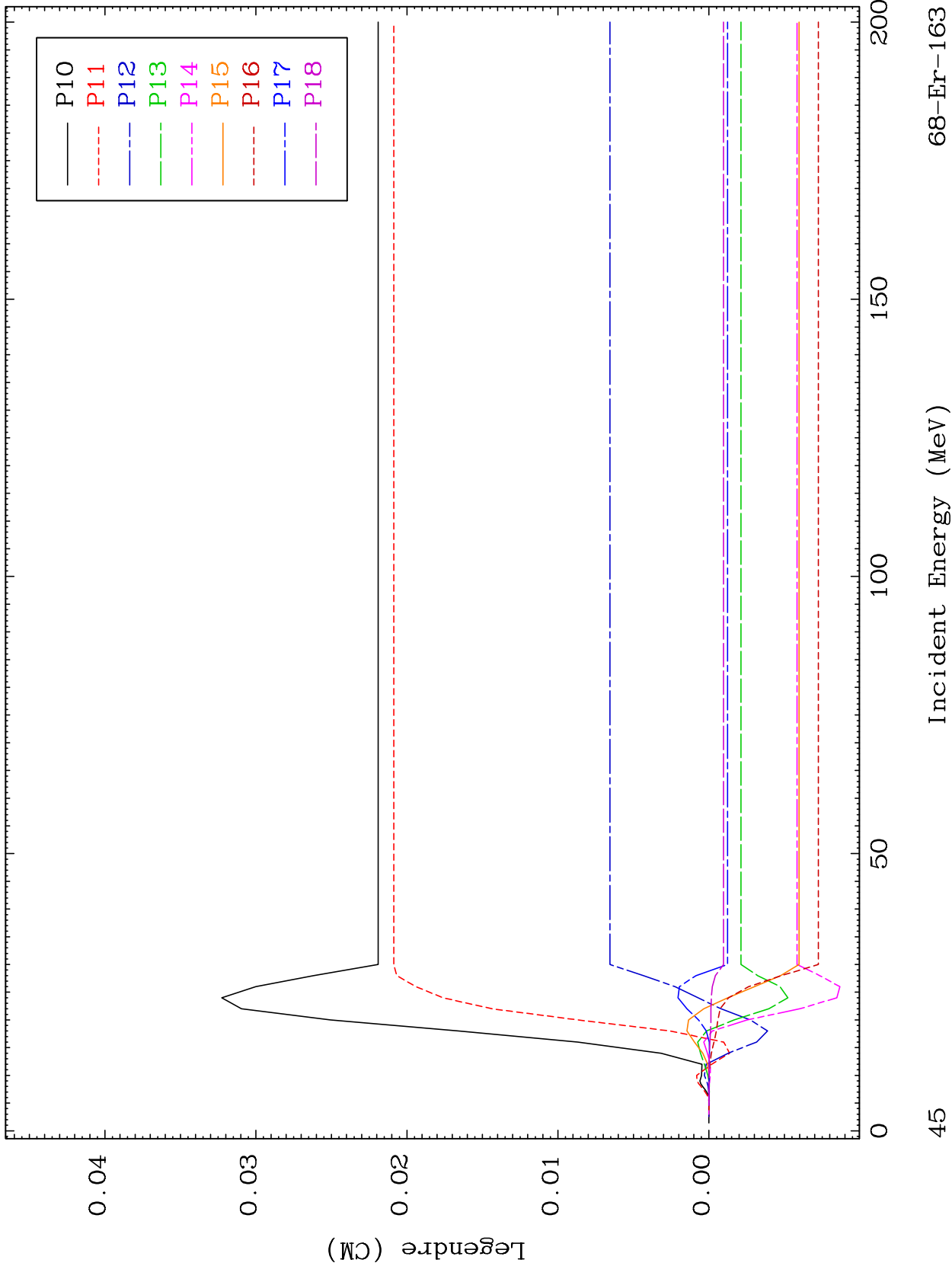
Incident Energy (MeV)

44

MAT 6828

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

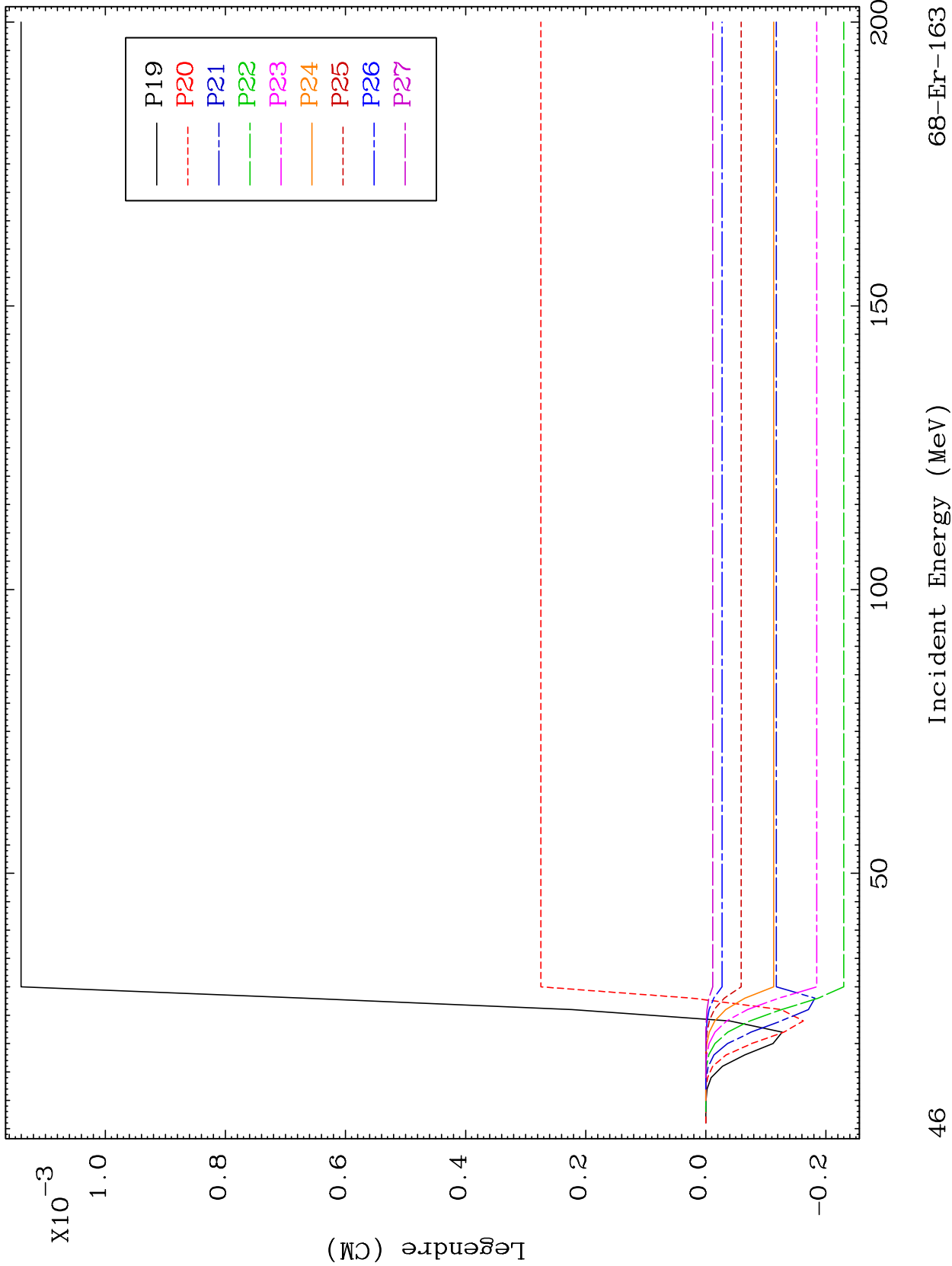
68-Er-163



68-Er-163

Incident Energy (MeV)

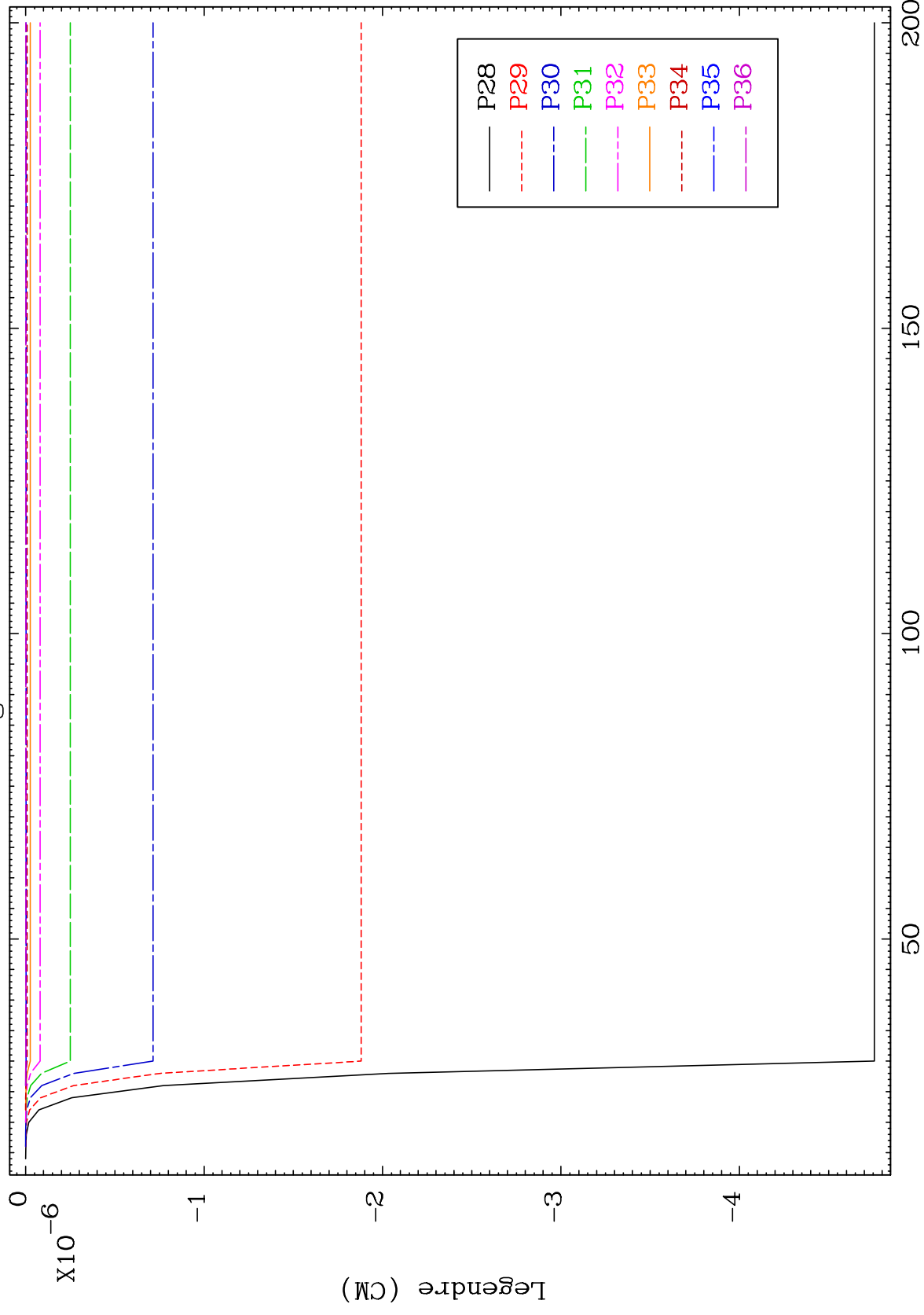
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MAT 6828

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

68-Er-163



47

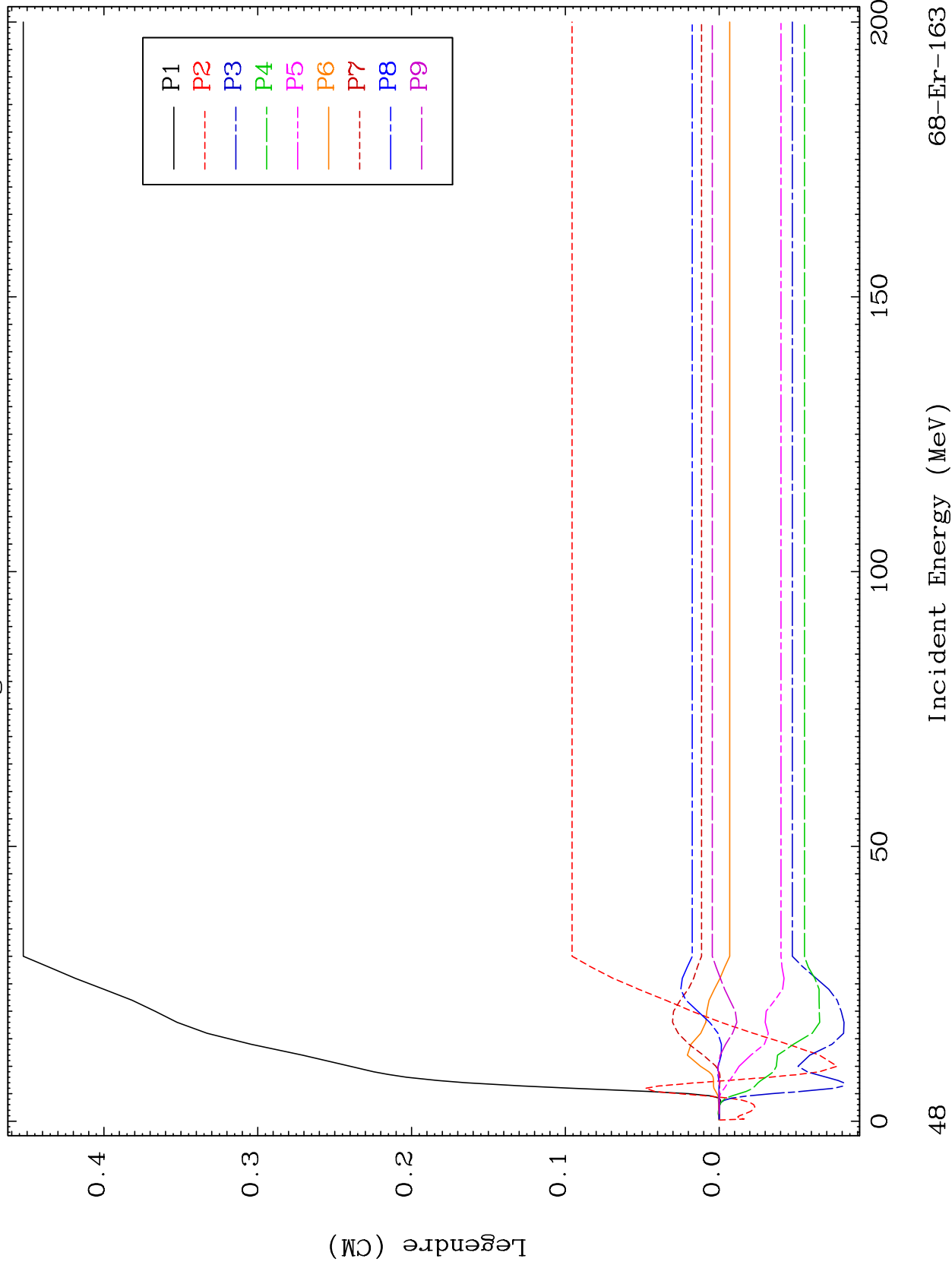
Incident Energy (MeV)

68-Er-163

MAT 6828

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

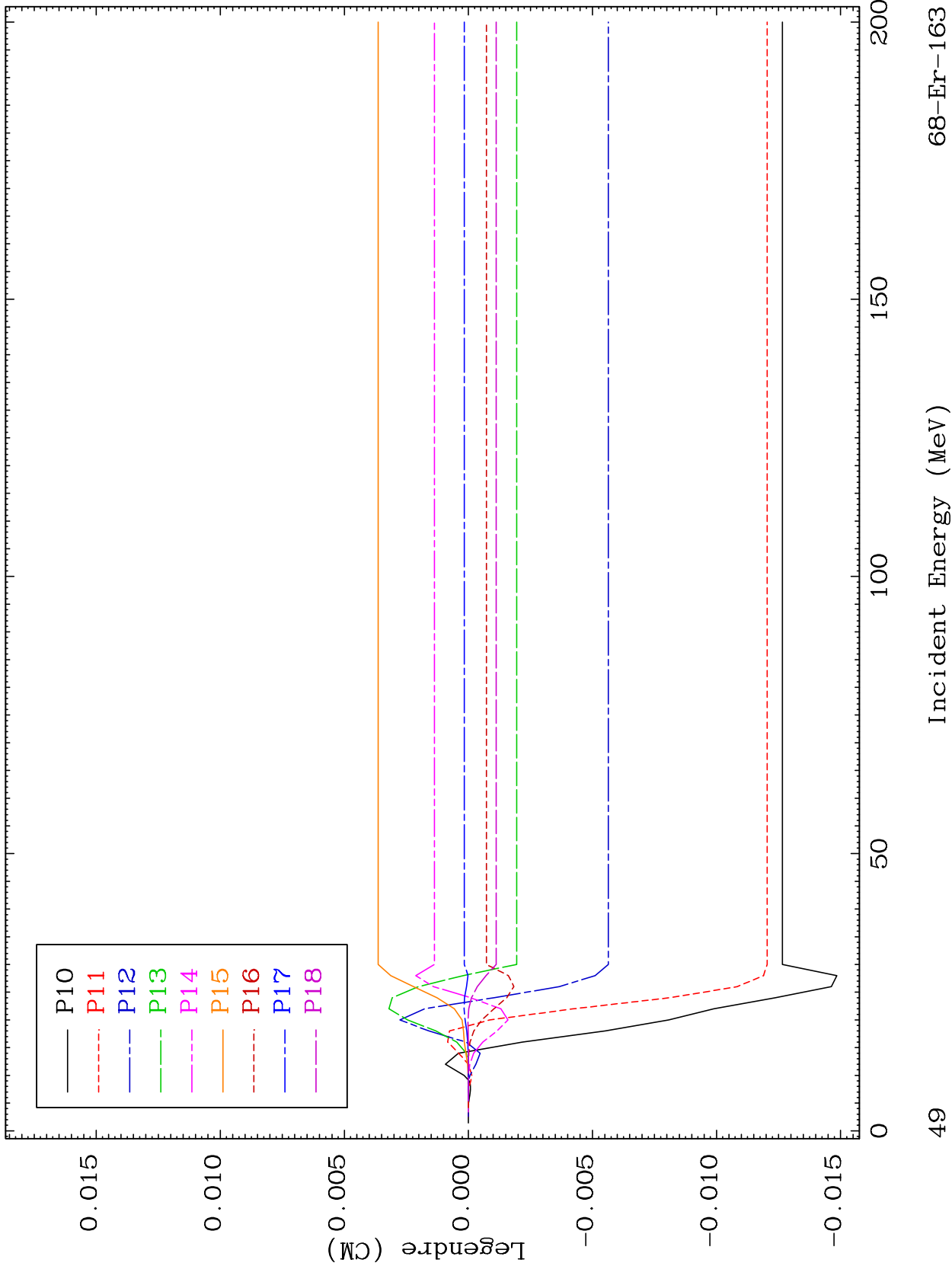
68-Er-163



68-Er-163

Incident Energy (MeV)

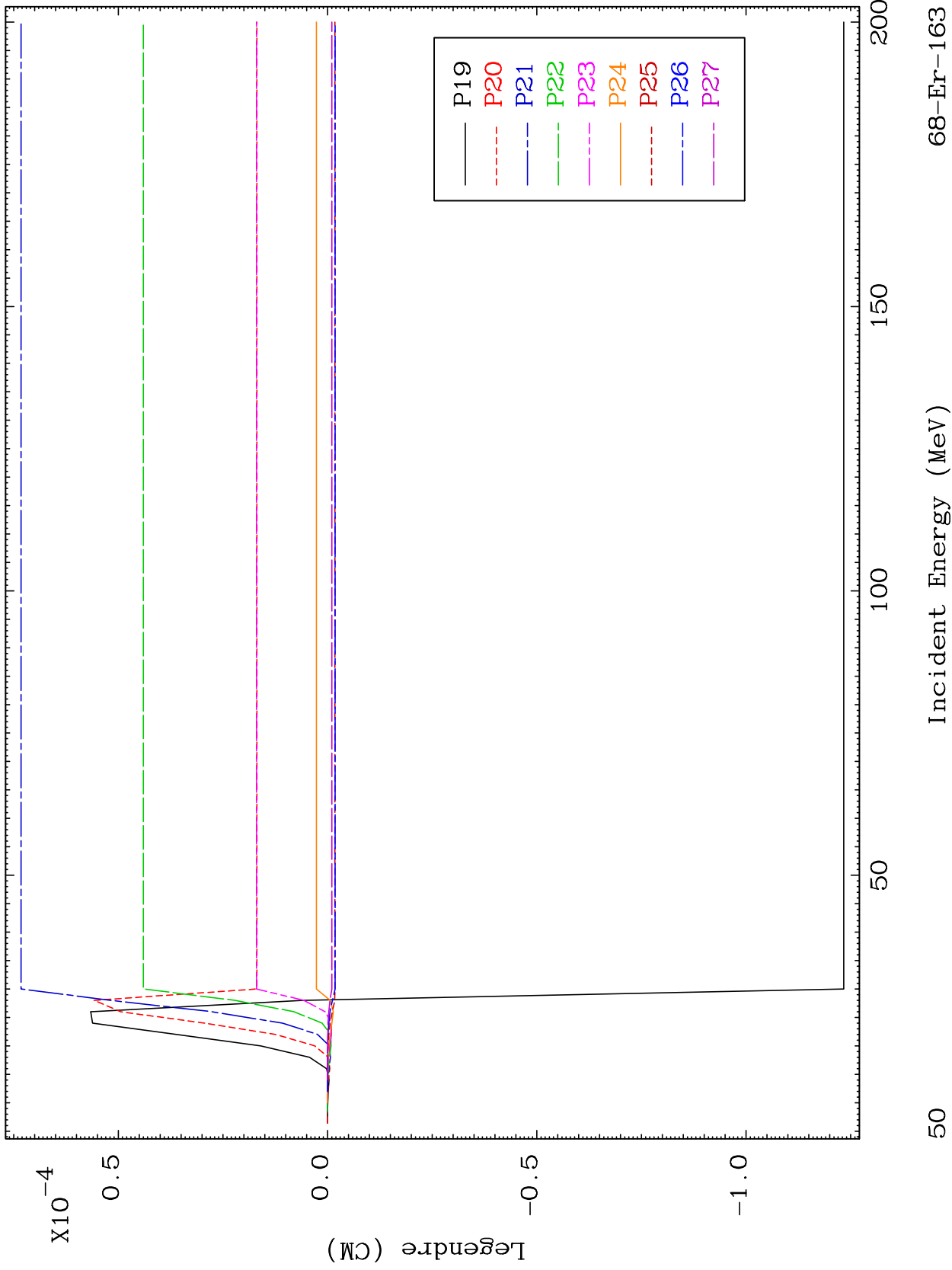
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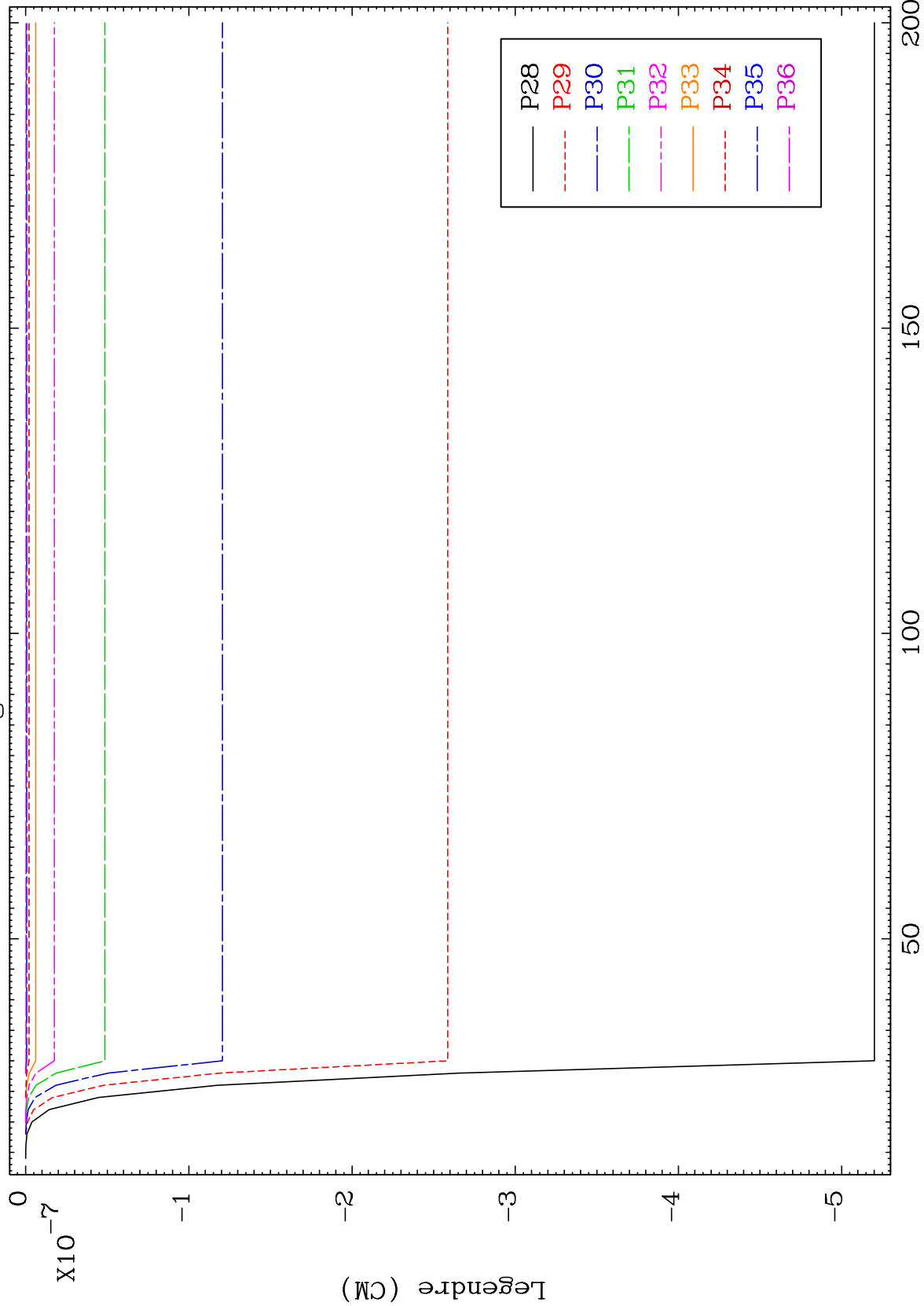


MAT 6828

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

68-Er-163

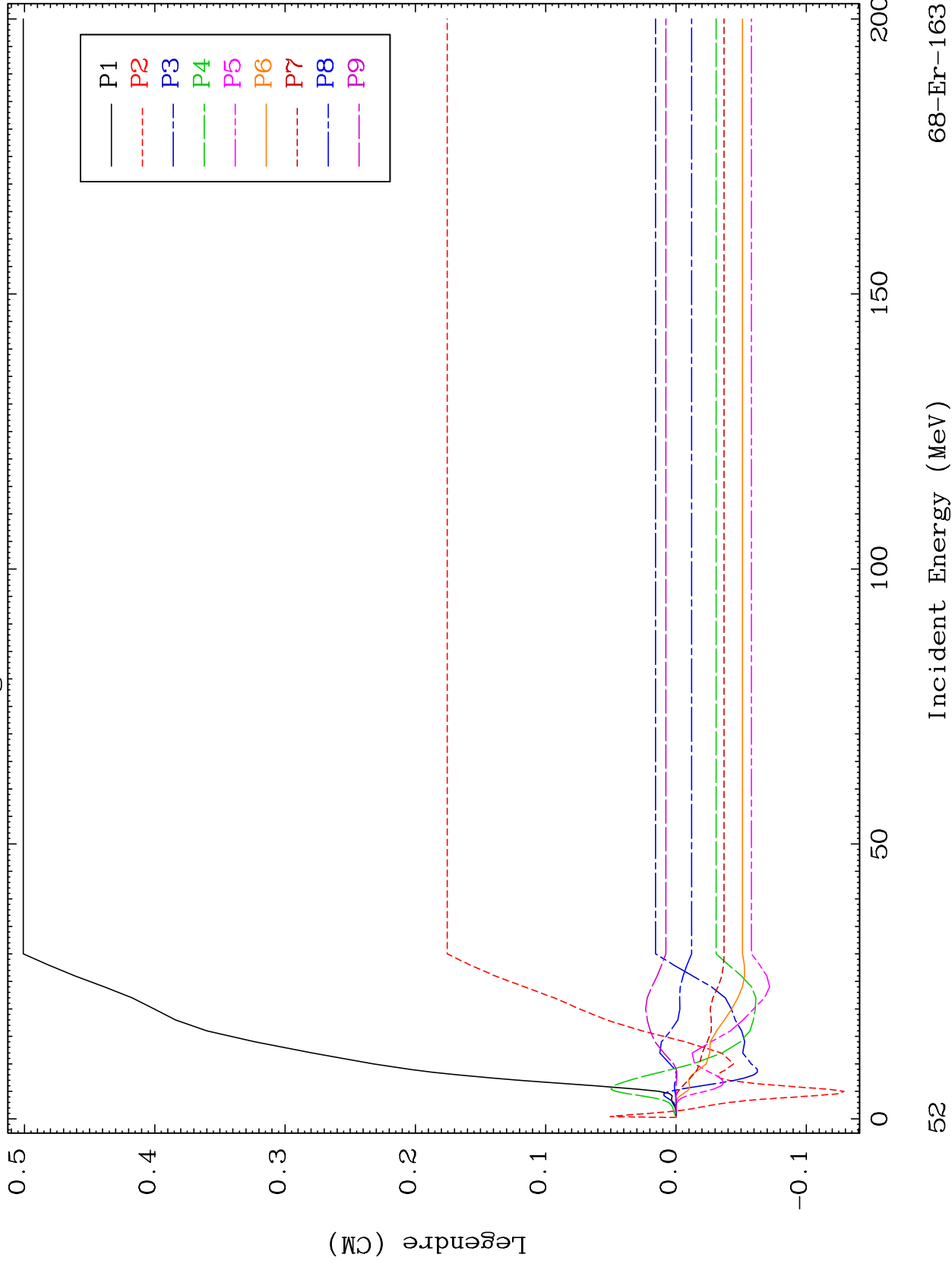




MAT 6828

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

68-Er-163



52

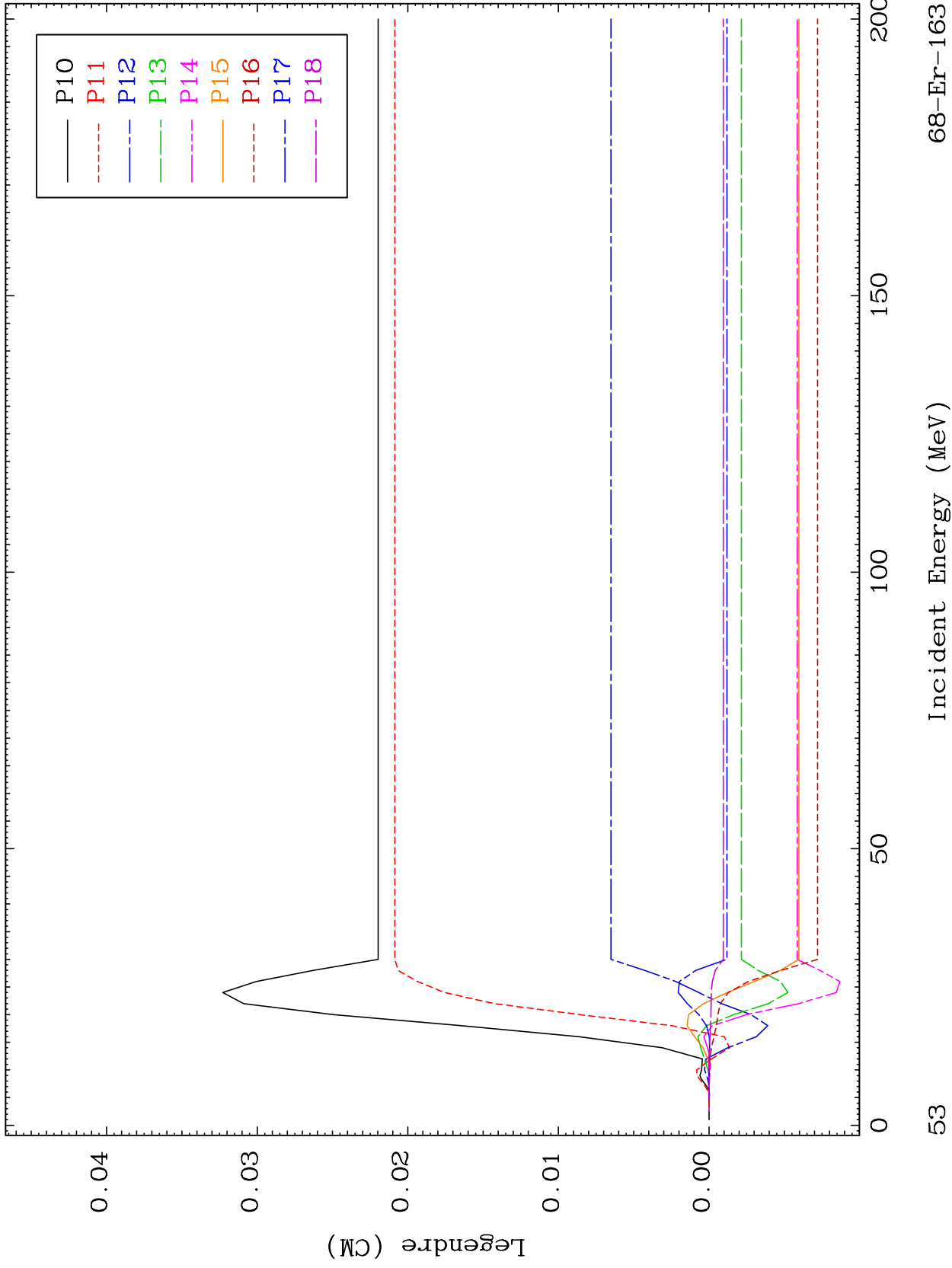
Incident Energy (MeV)

68-Er-163

MAT 6828

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

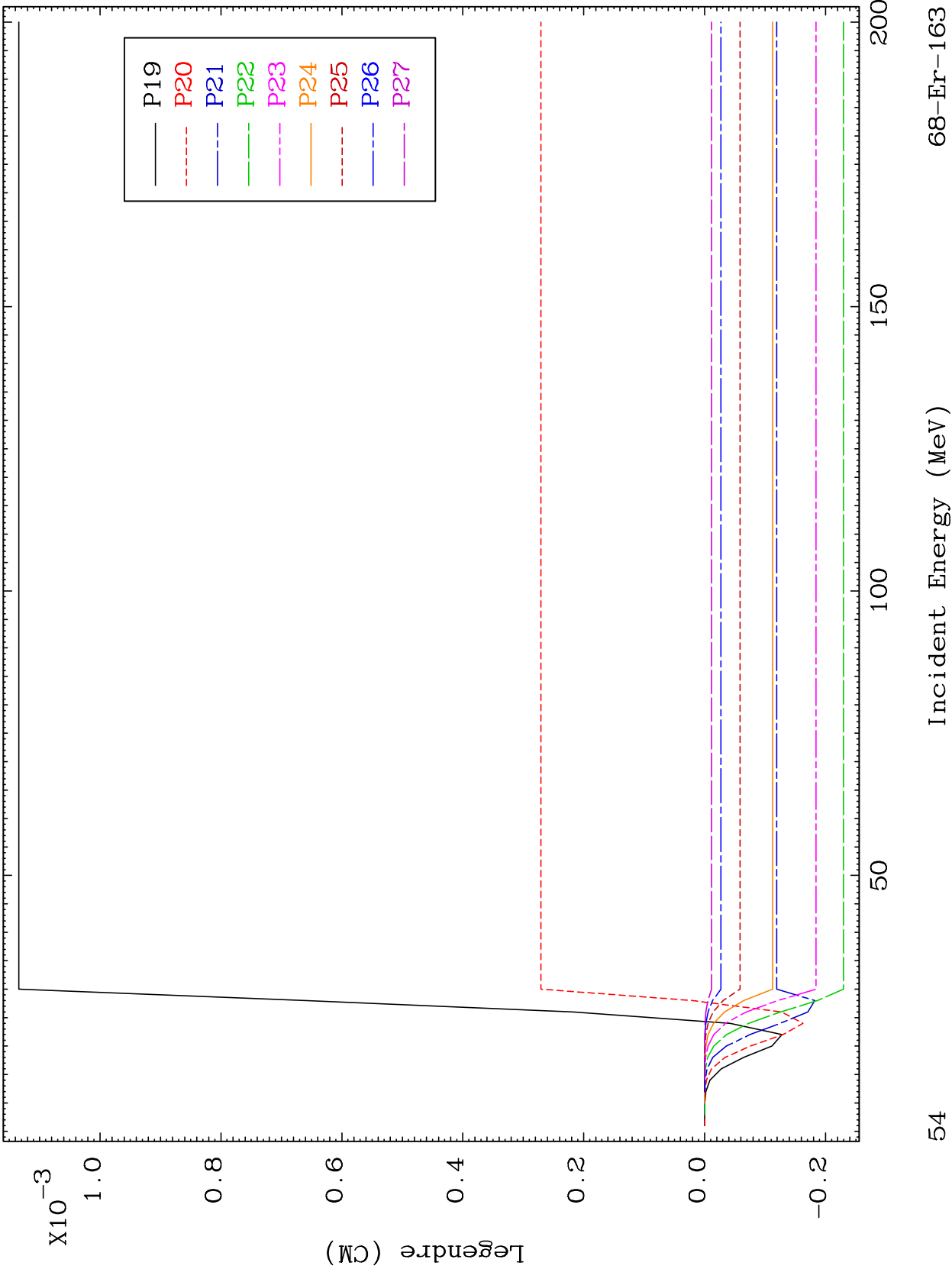
68-Er-163



53

Incident Energy (MeV)

68-Er-163

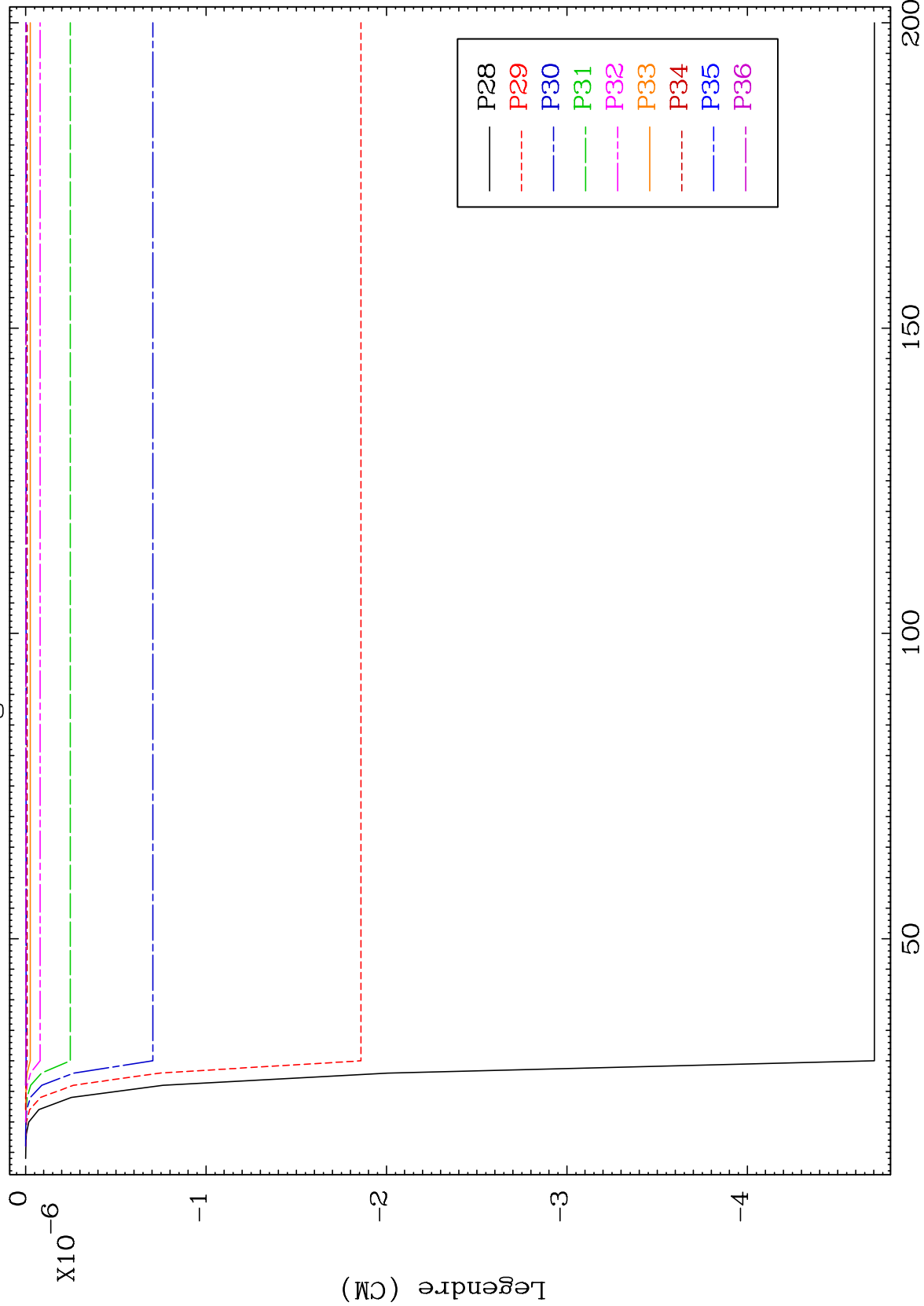


MAT 6828

MT= 59 (n,n') Level

68-Er-163

Legendre Coefficients



55

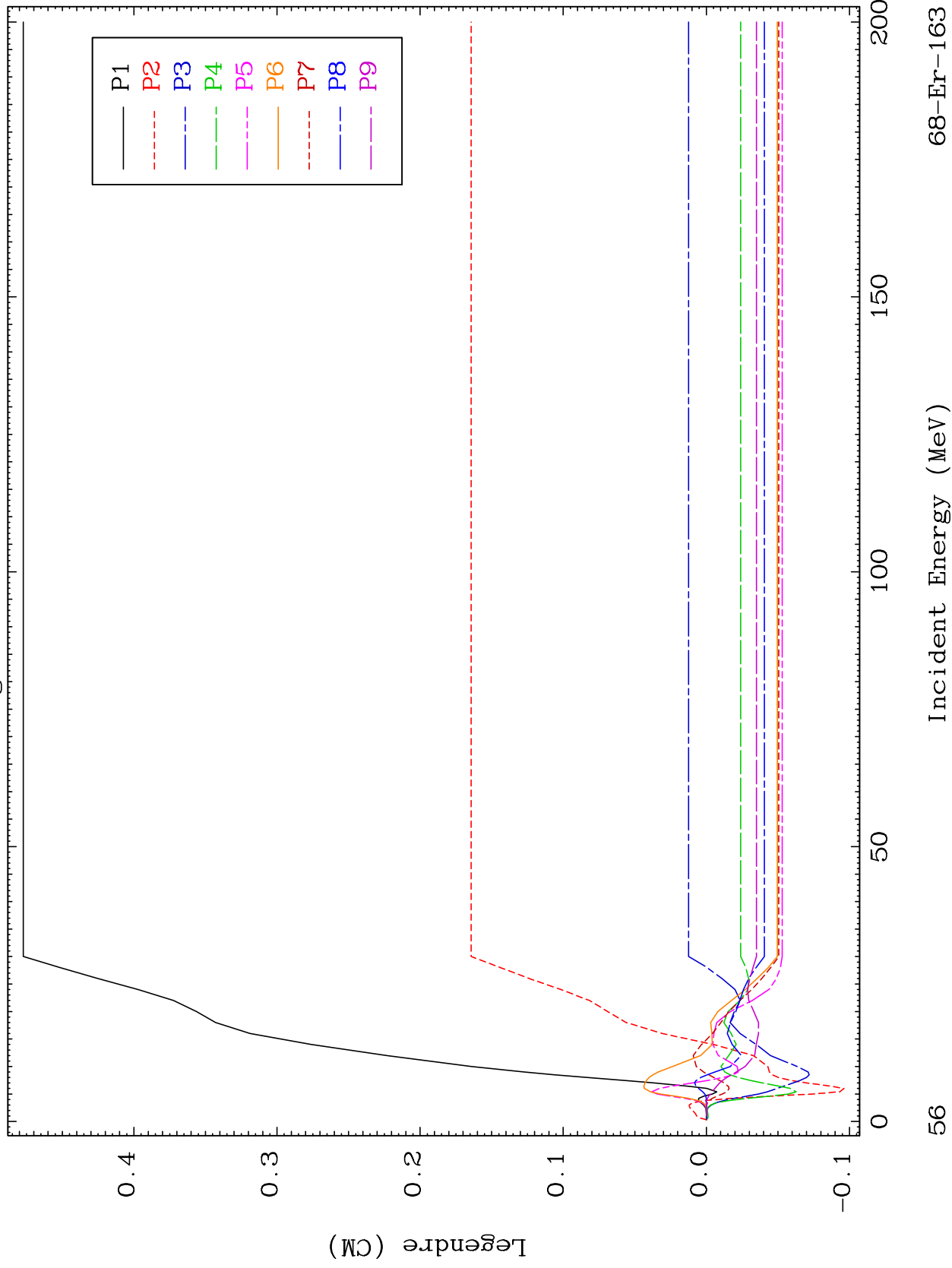
Incident Energy (MeV)

68-Er-163

MAT 6828

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

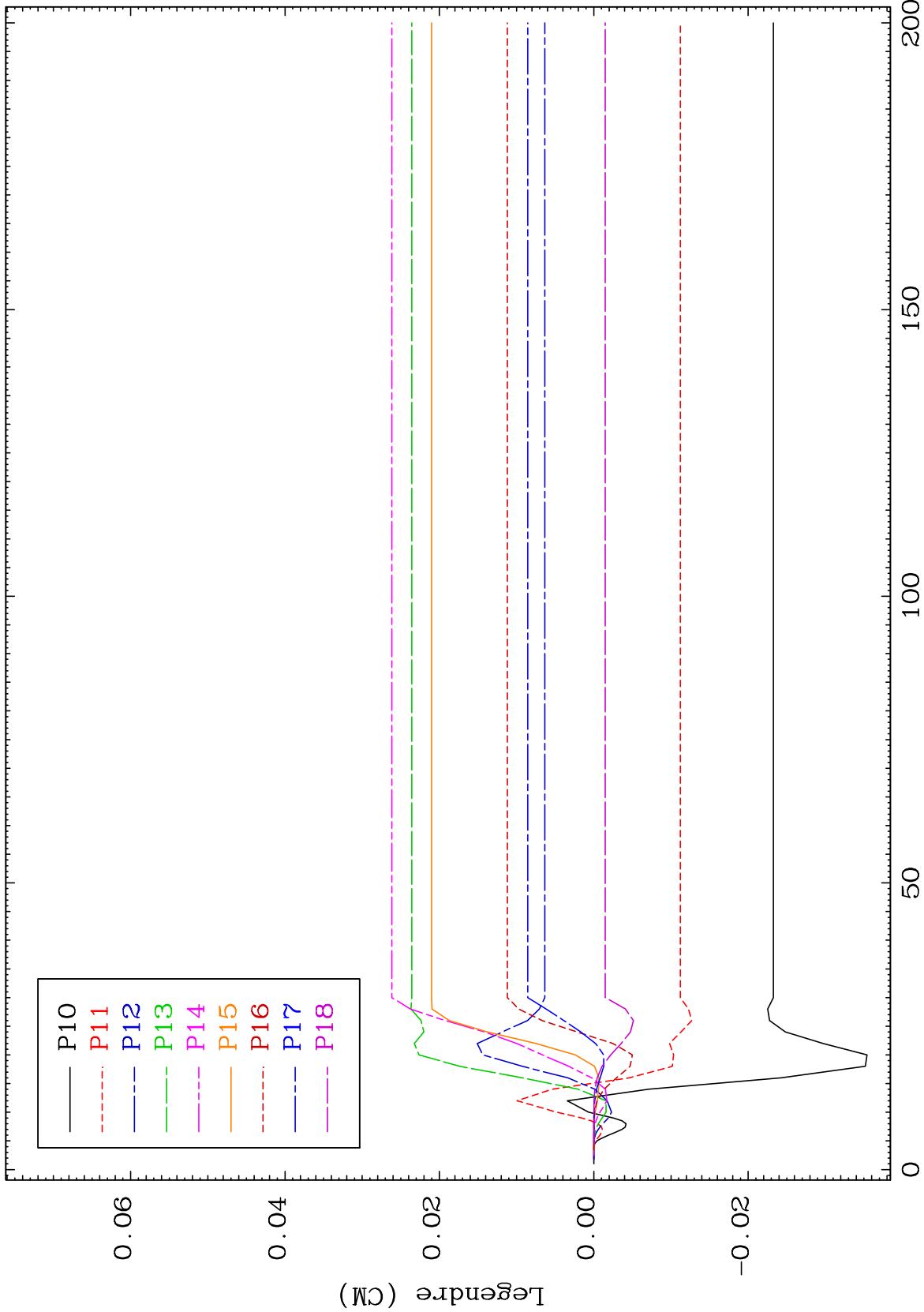
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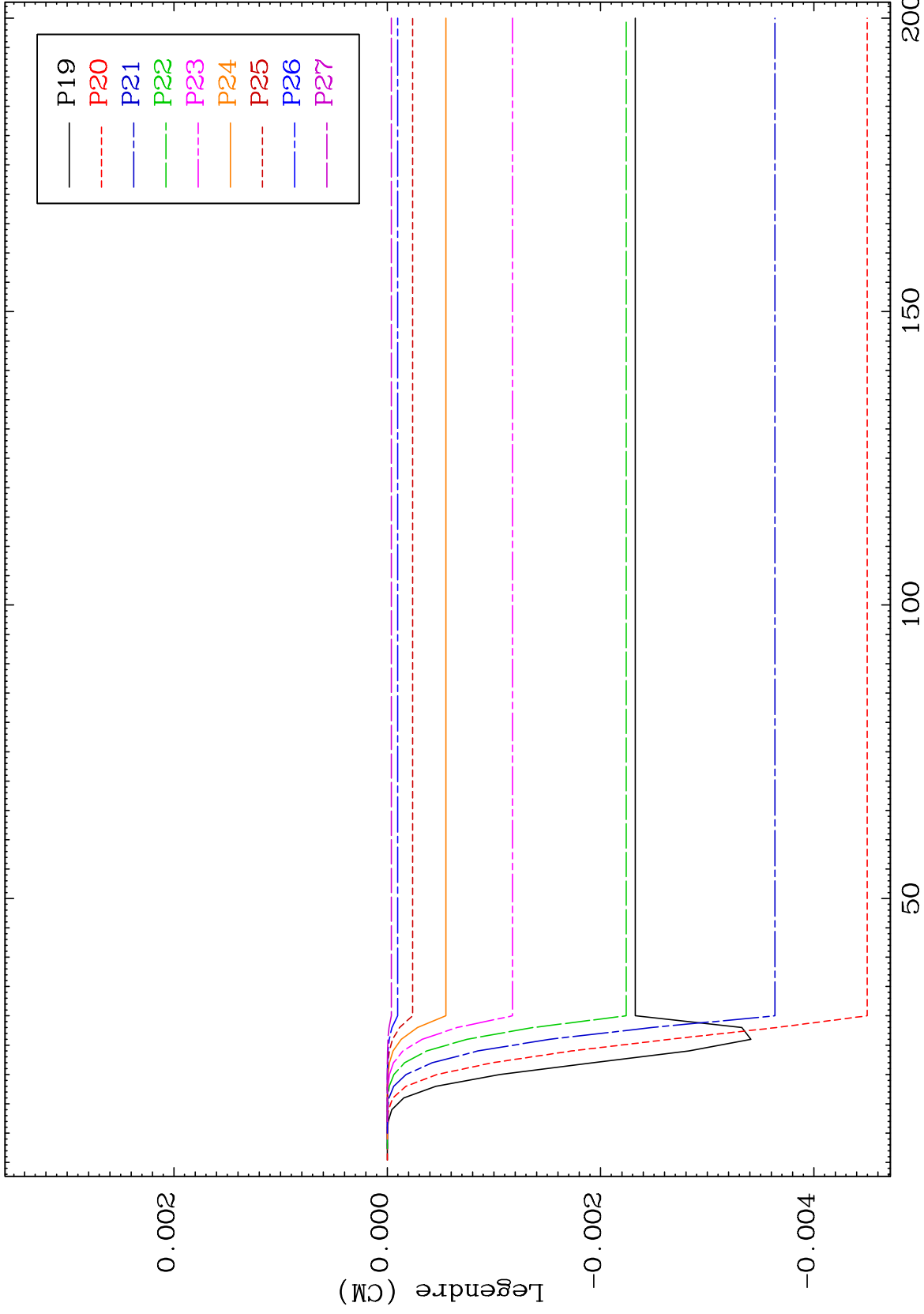


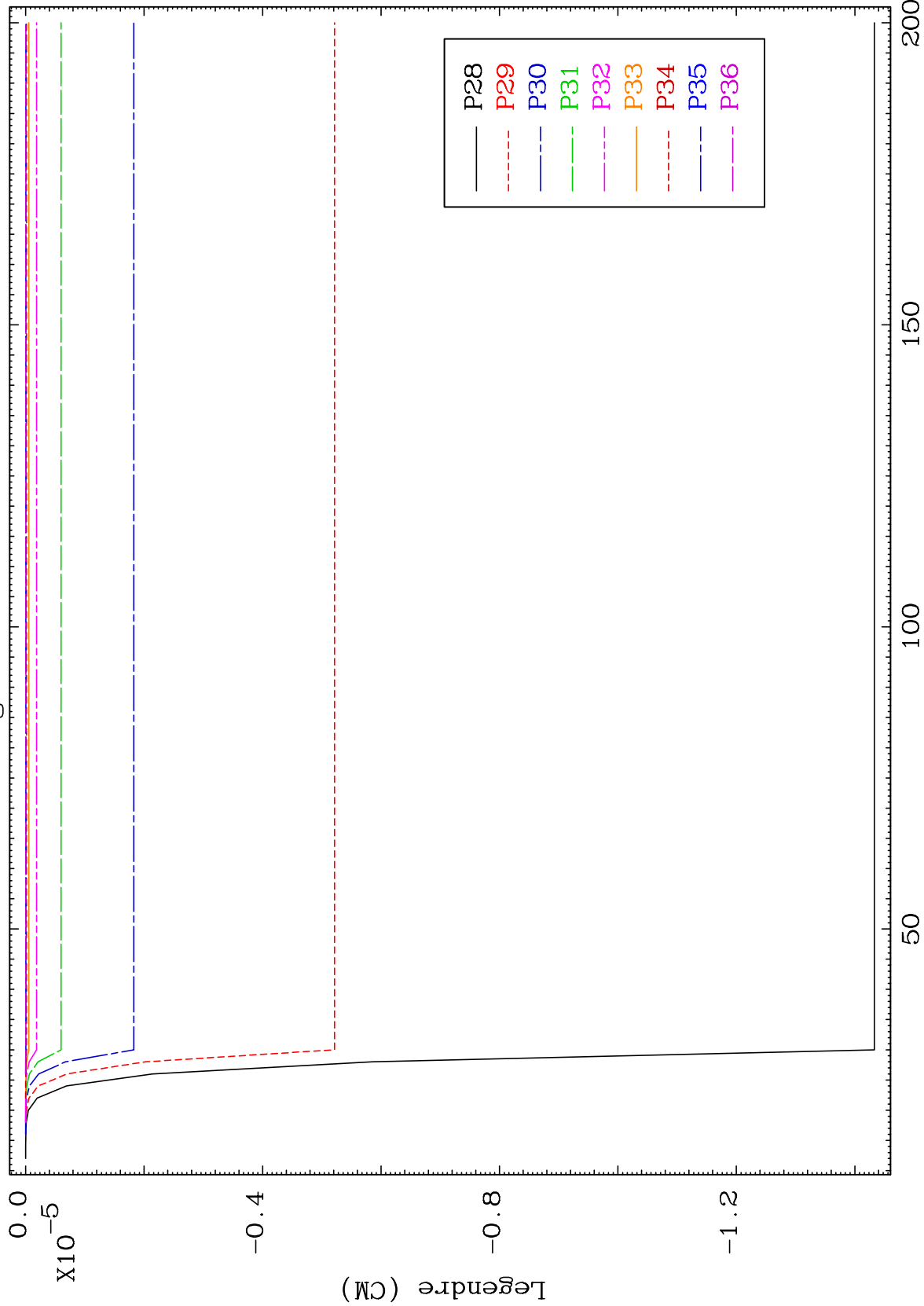
68-Er-163

Incident Energy (MeV)

56



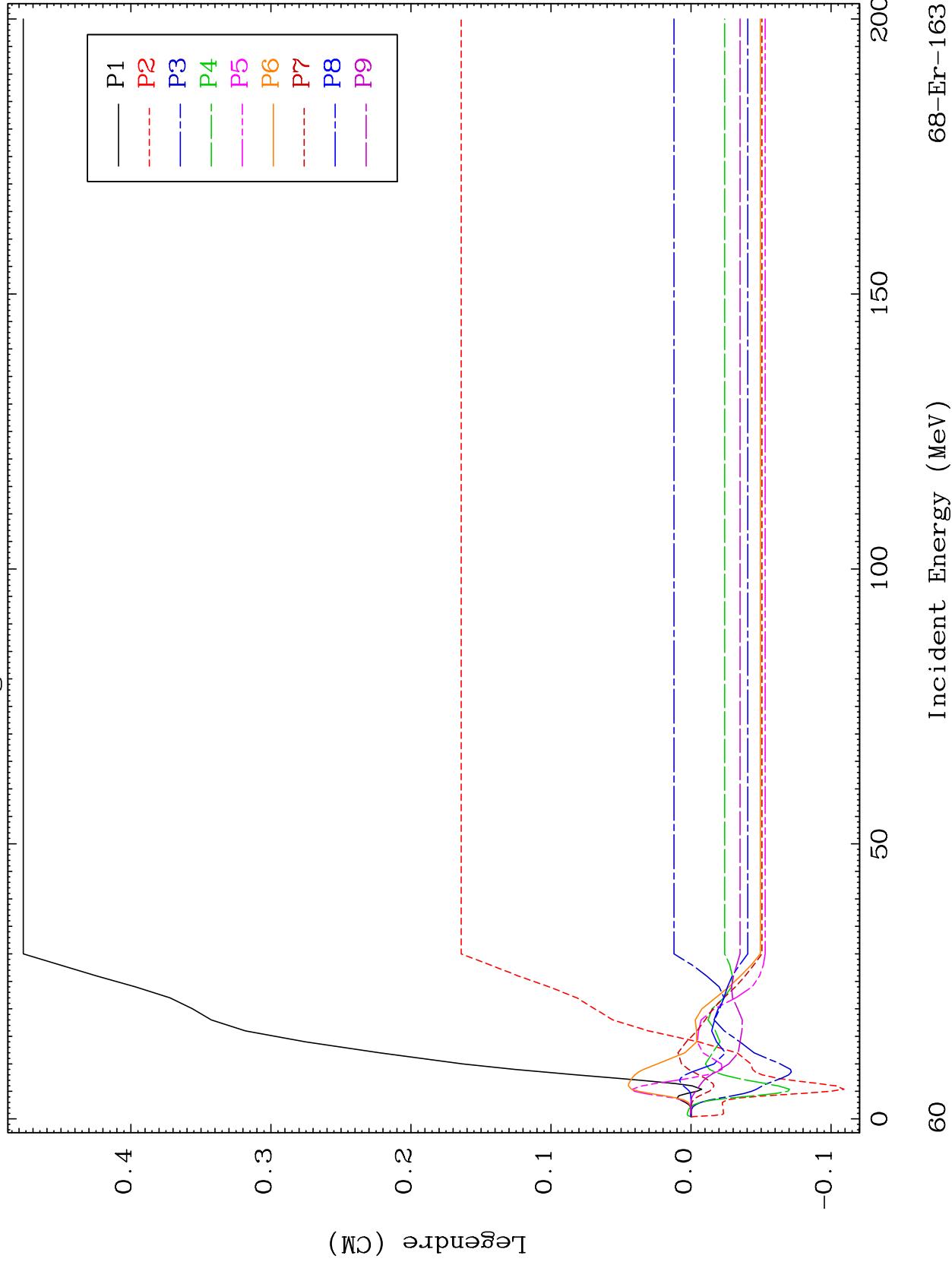




MAT 6828

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

68-Er-163

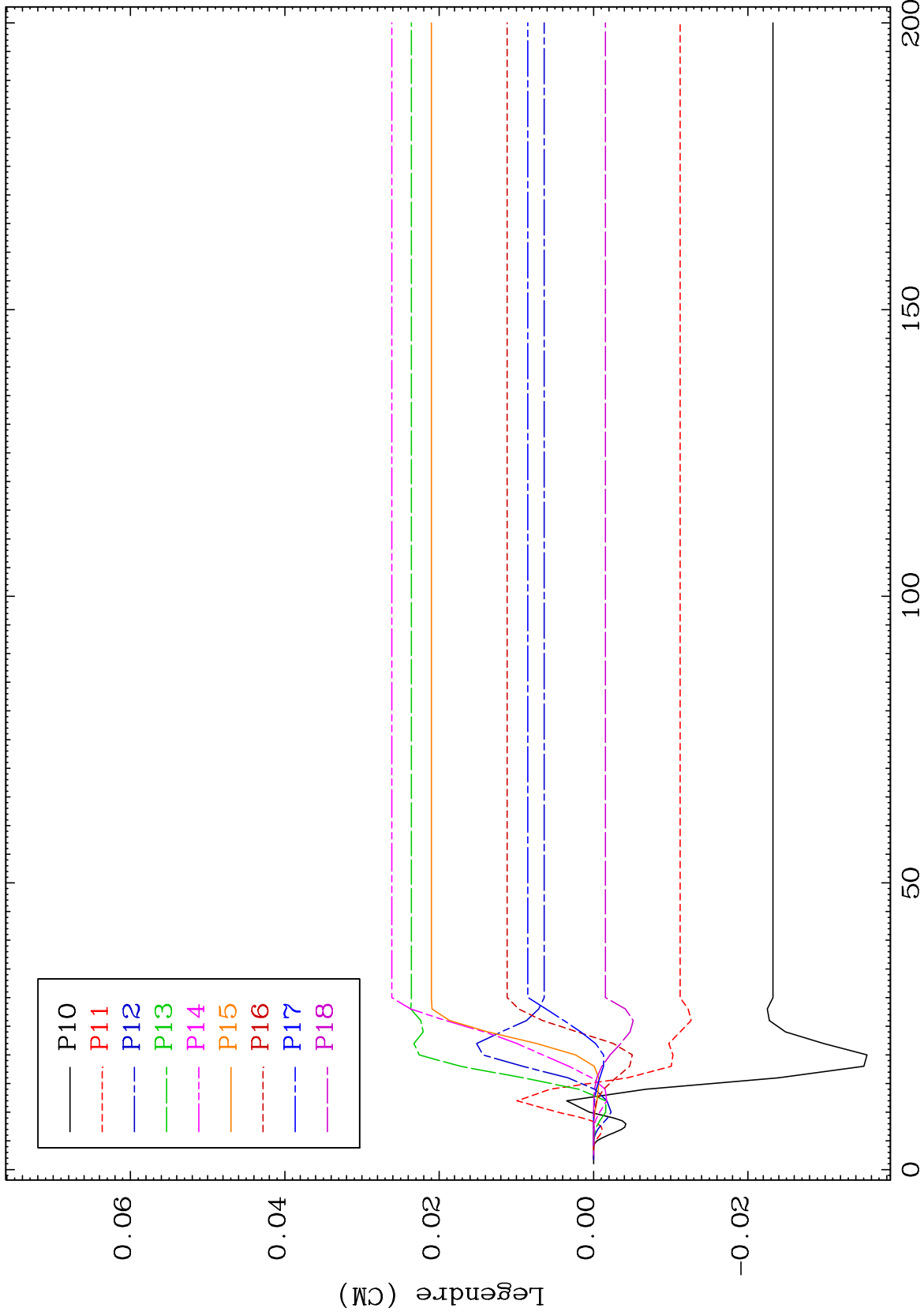


68-Er-163

MAT 6828

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

68-Er-163



61

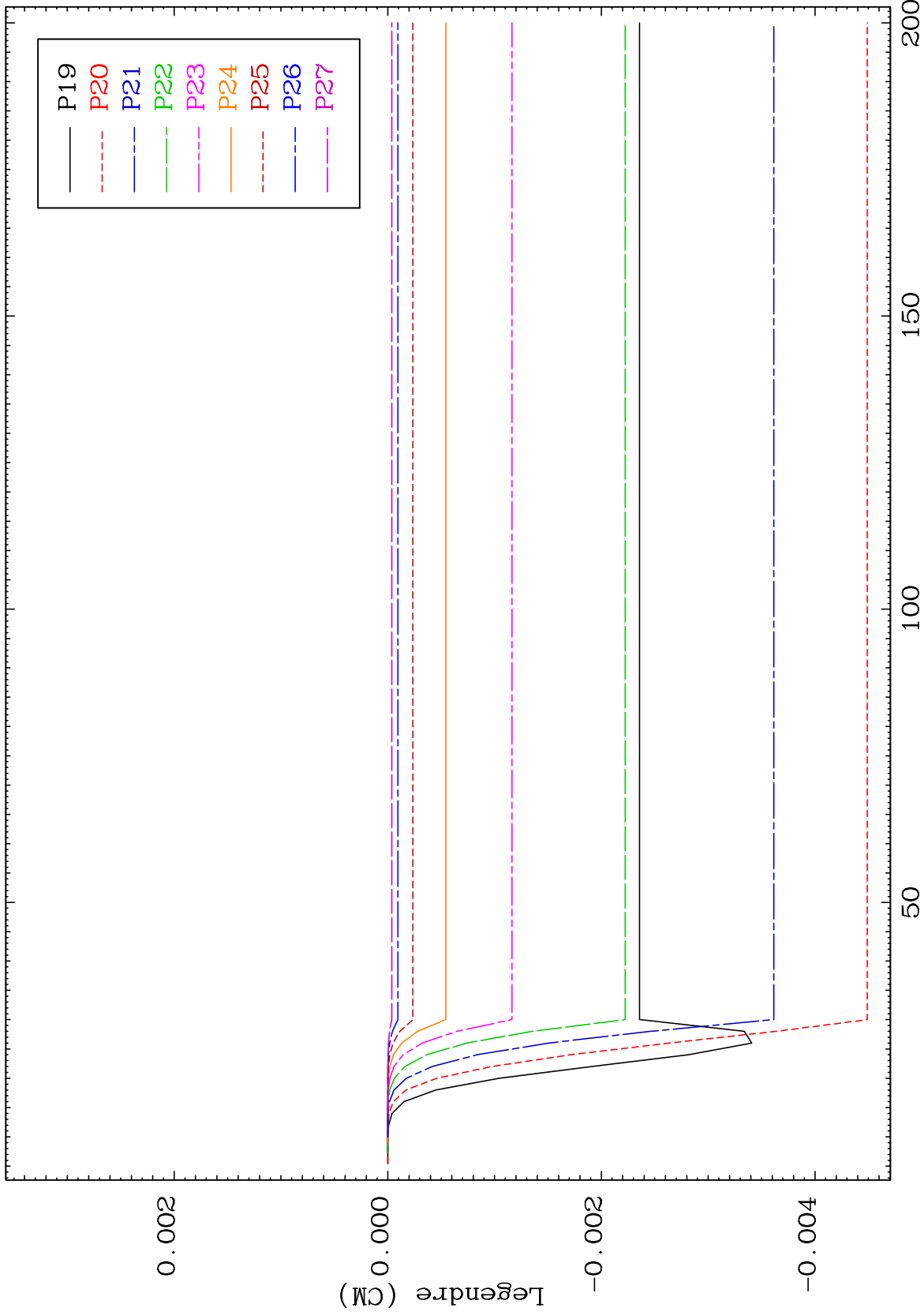
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



62

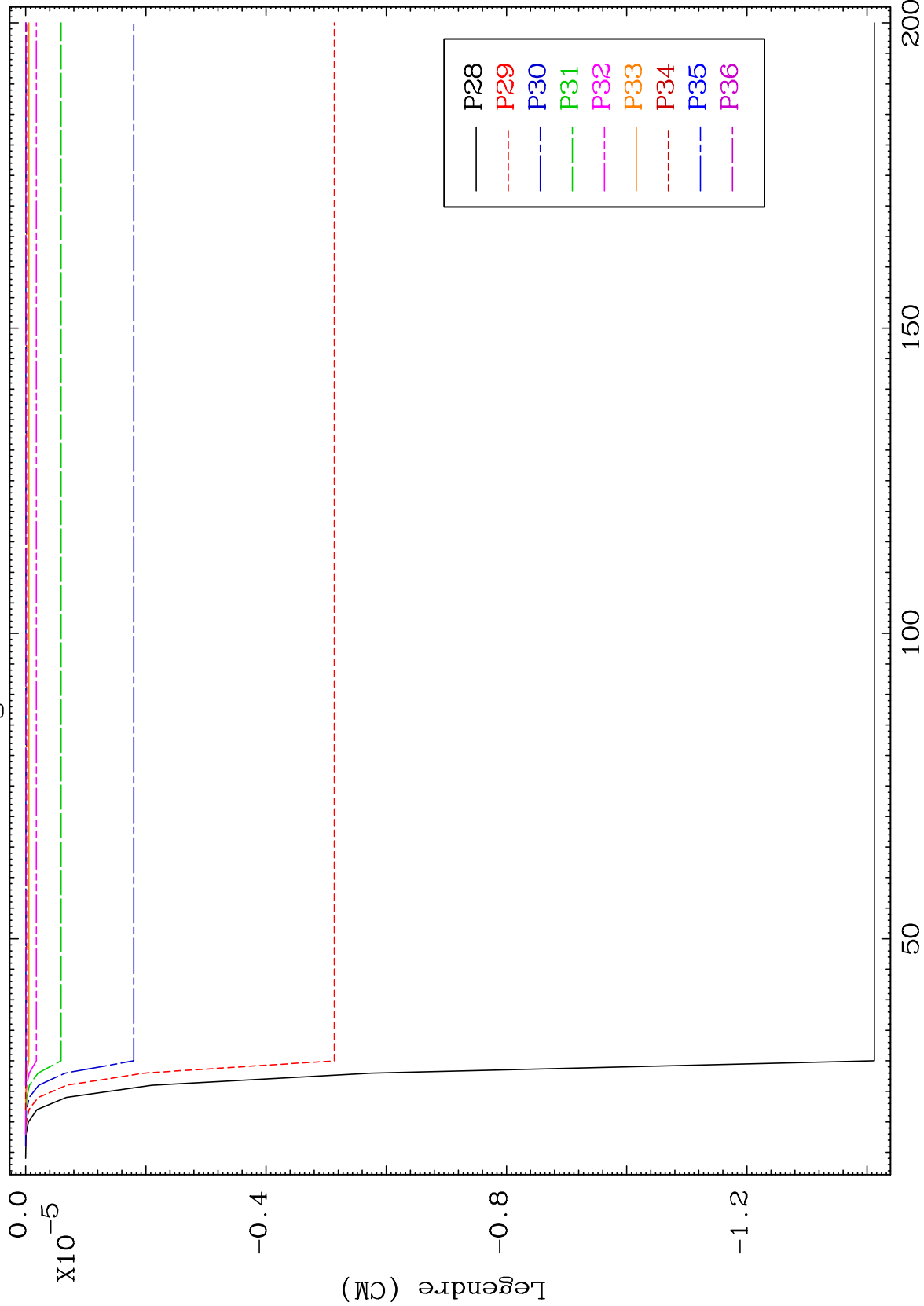
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

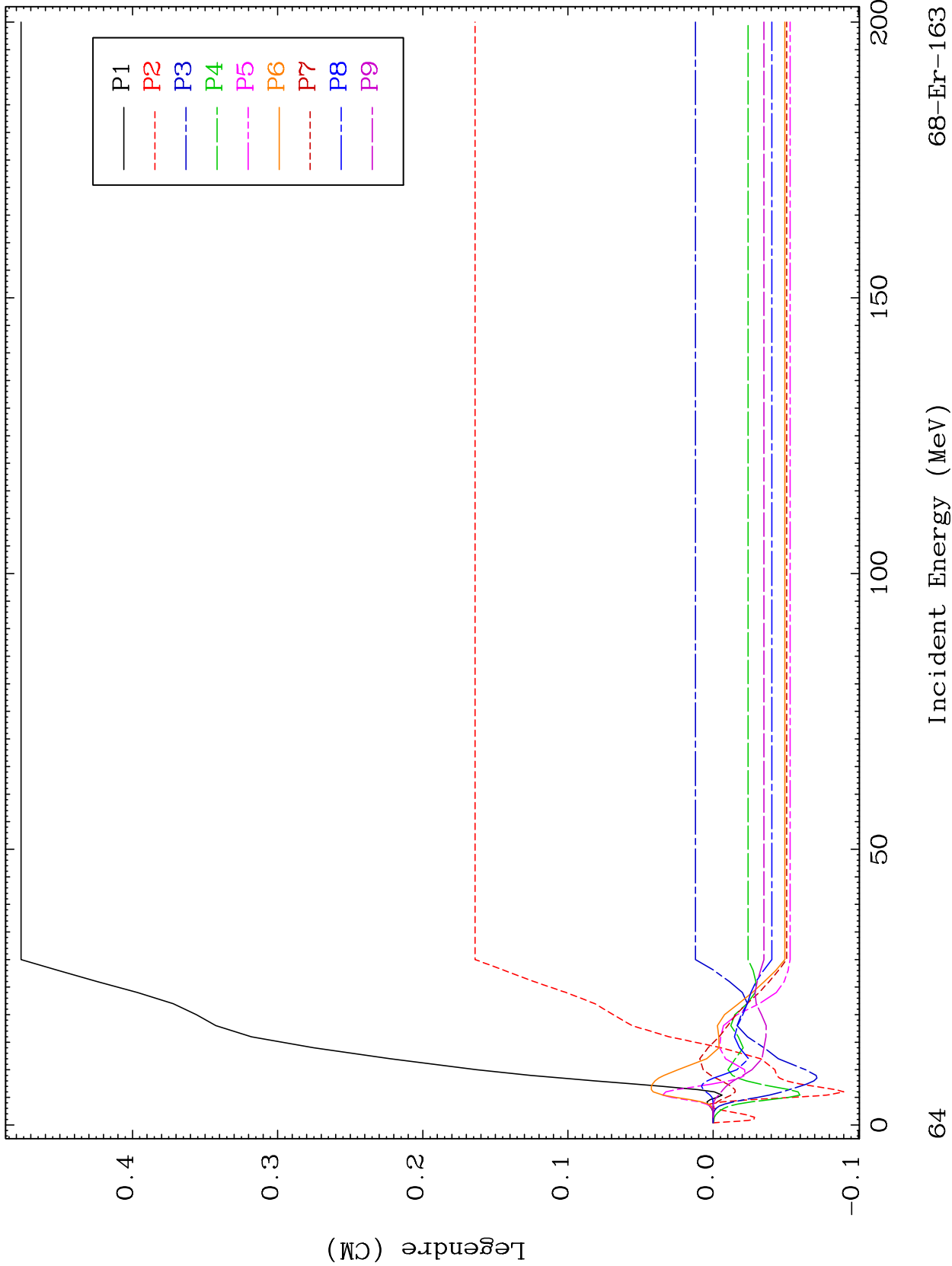
Incident Energy (MeV)

63

MAT 6828

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

68-Er-163



68-Er-163

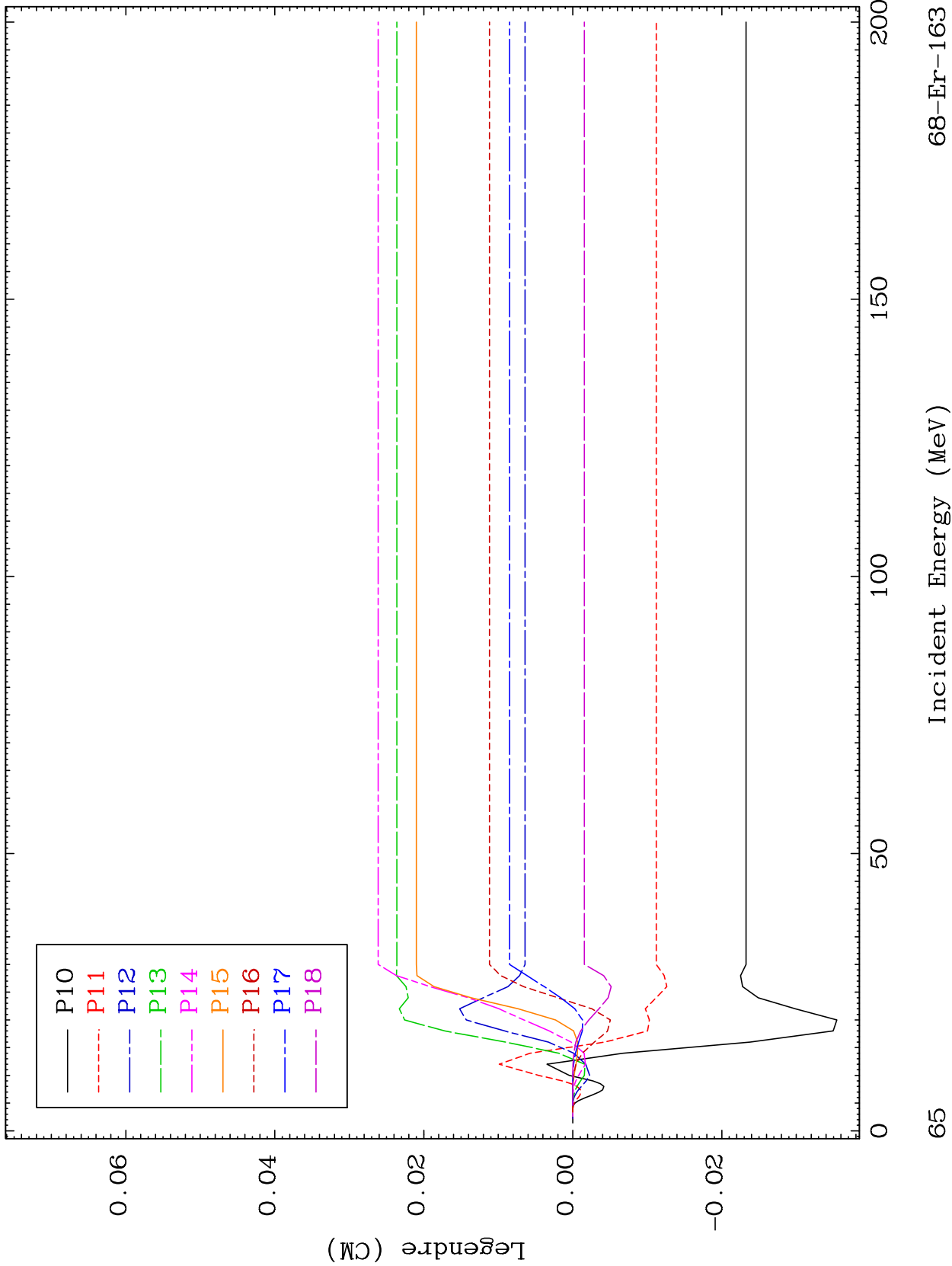
Incident Energy (MeV)

64

MAT 6828

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

68-Er-163



68-Er-163

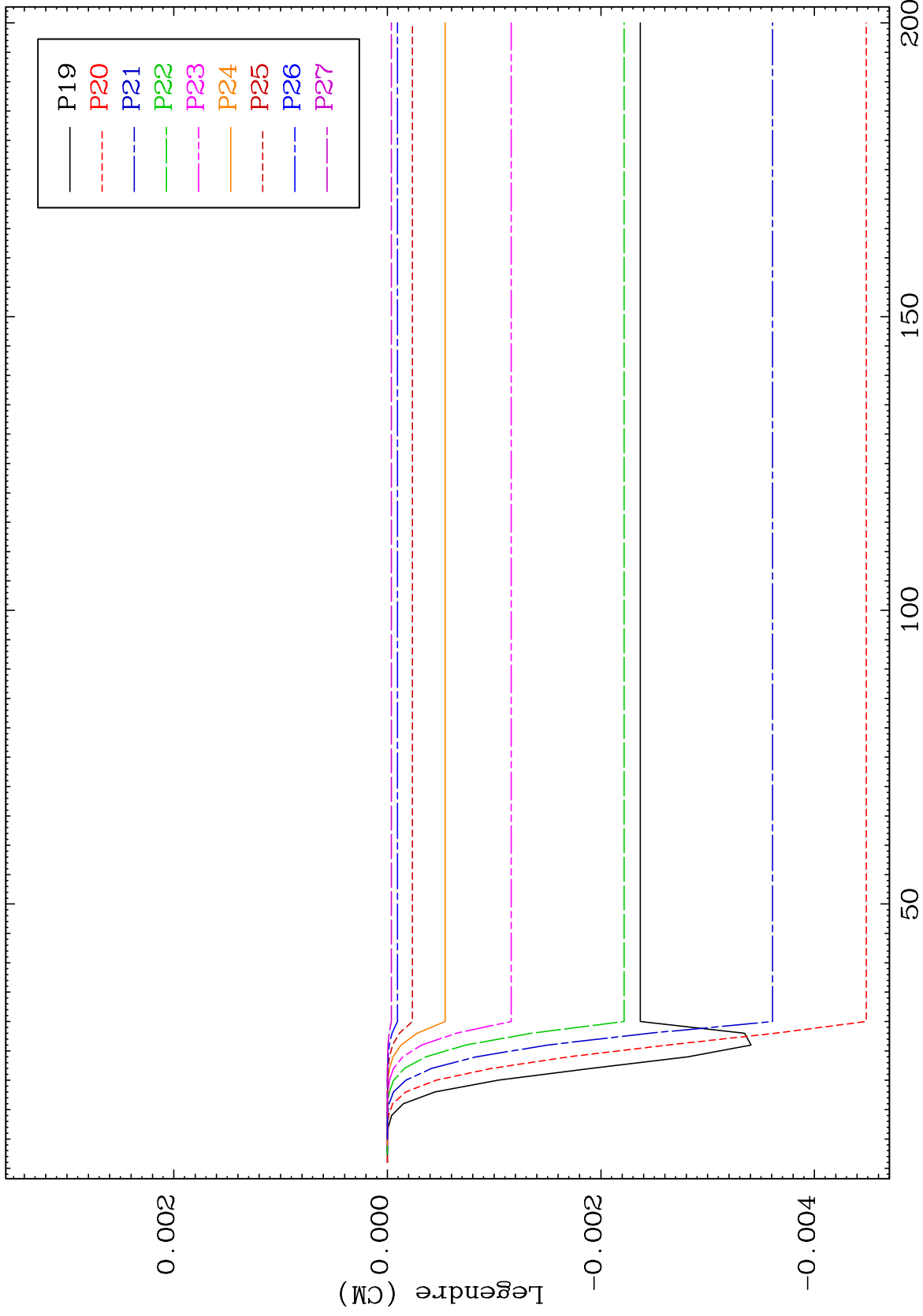
Incident Energy (MeV)

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MAT 6828

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

68-Er-163



66

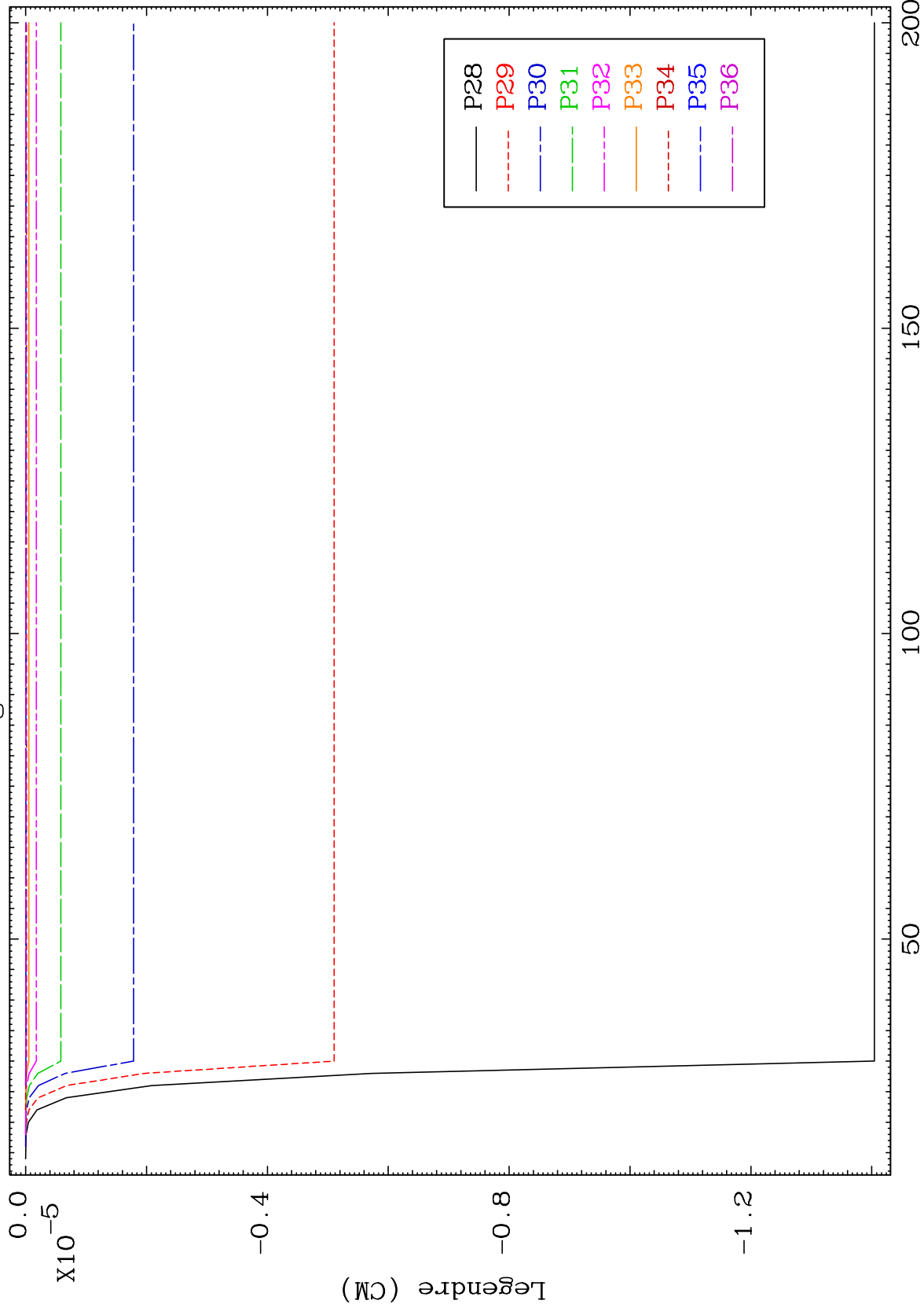
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



67

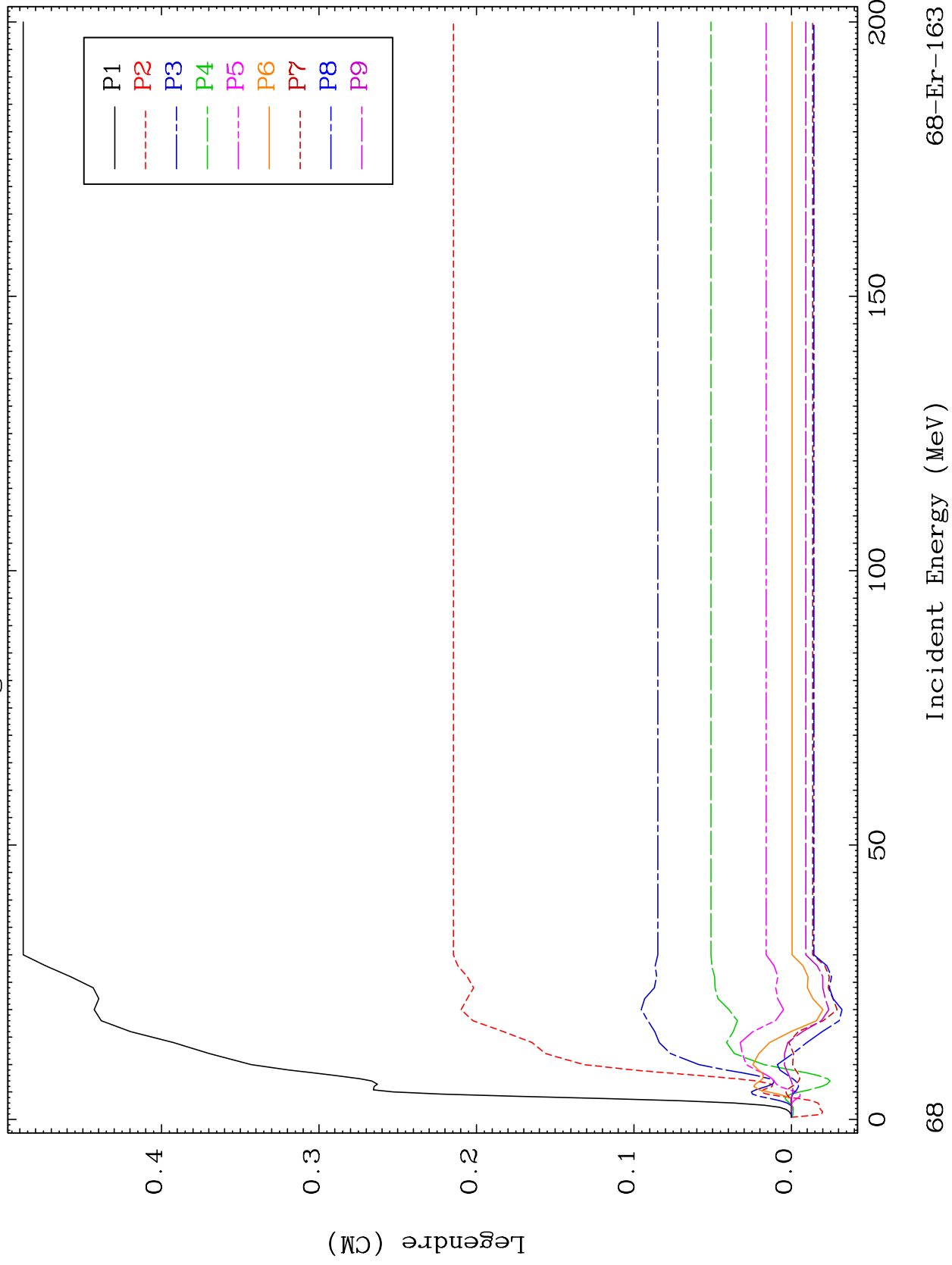
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

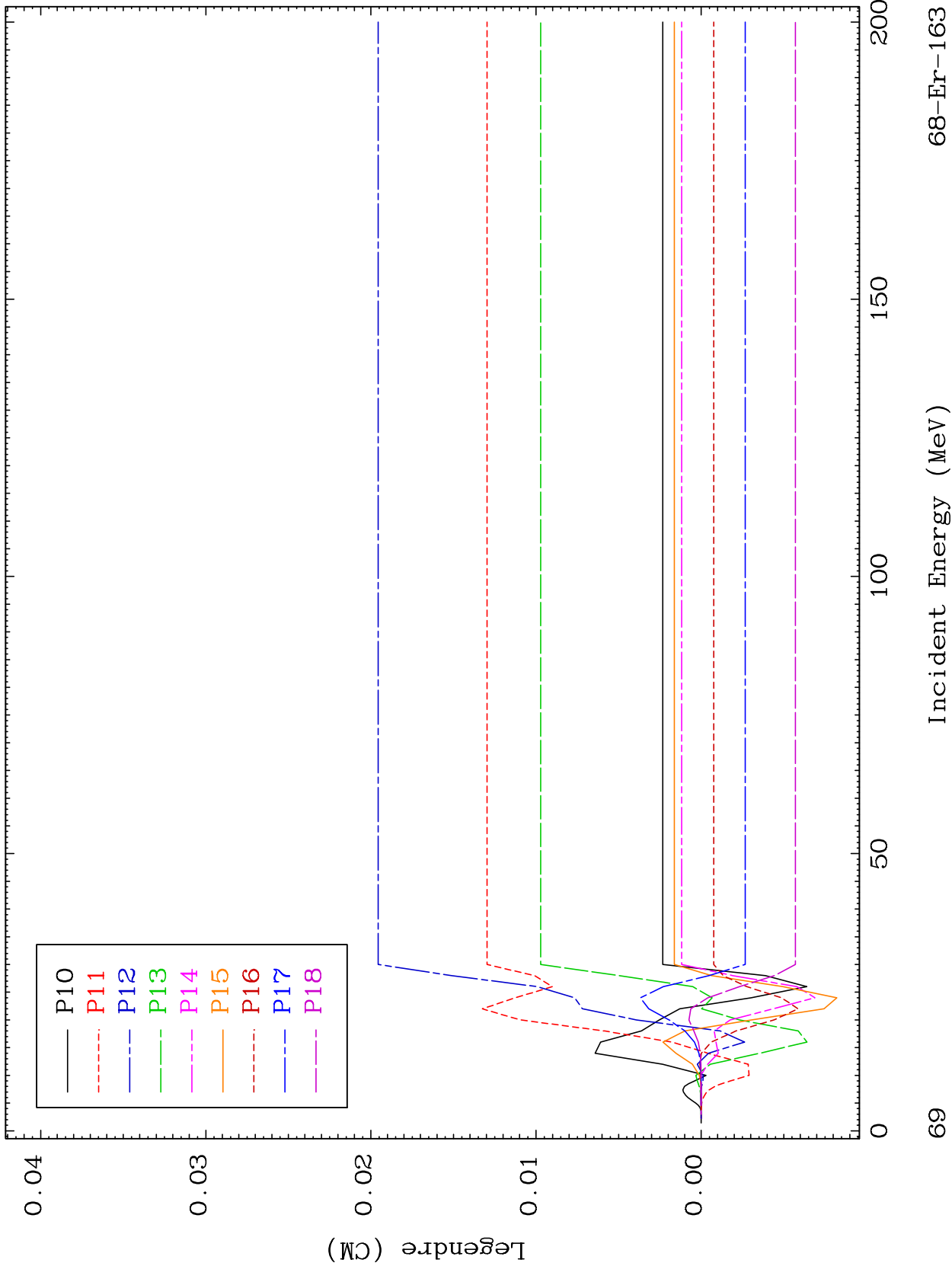
Incident Energy (MeV)

68

MAT 6828

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

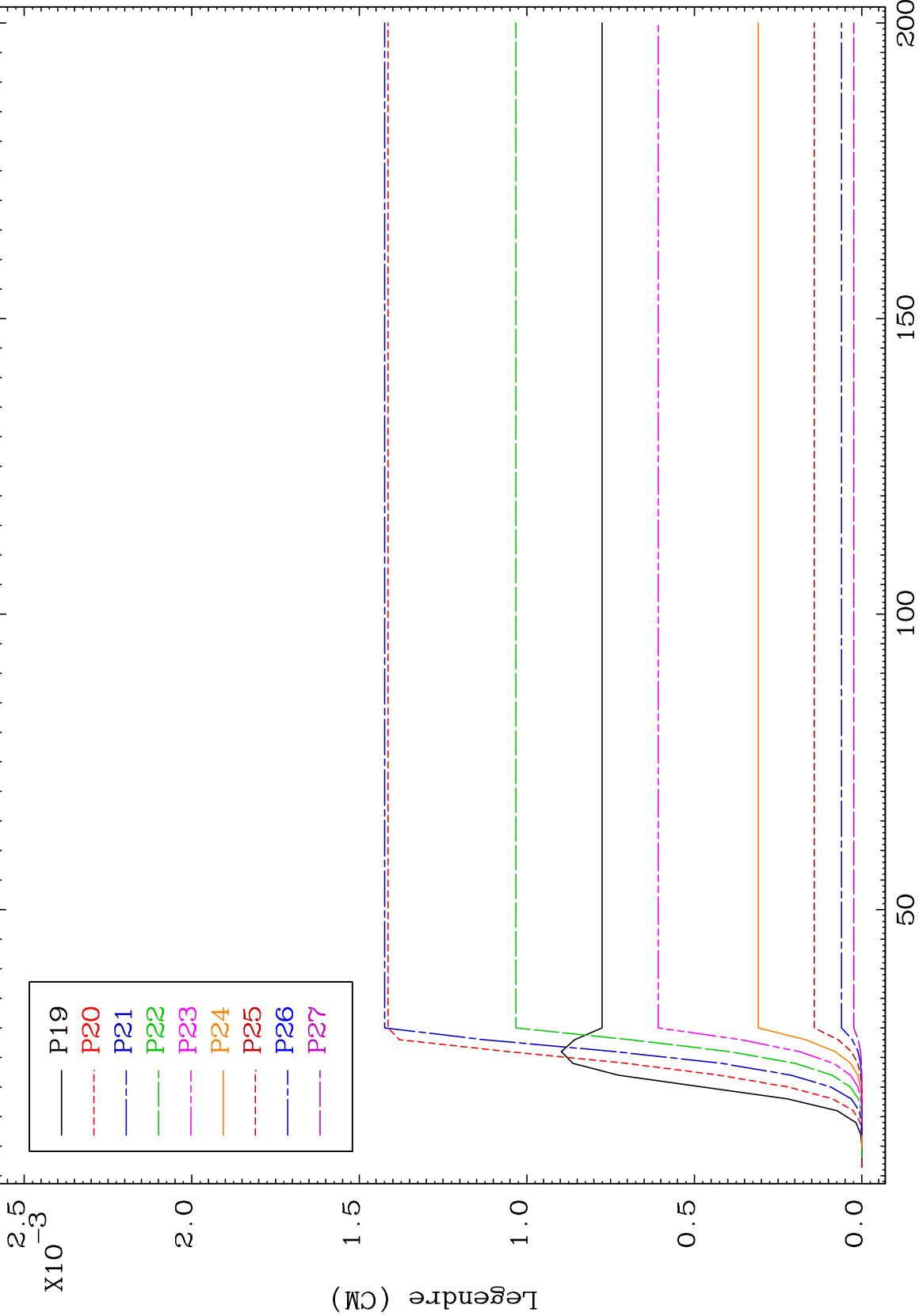
68-Er-163



69

Incident Energy (MeV)

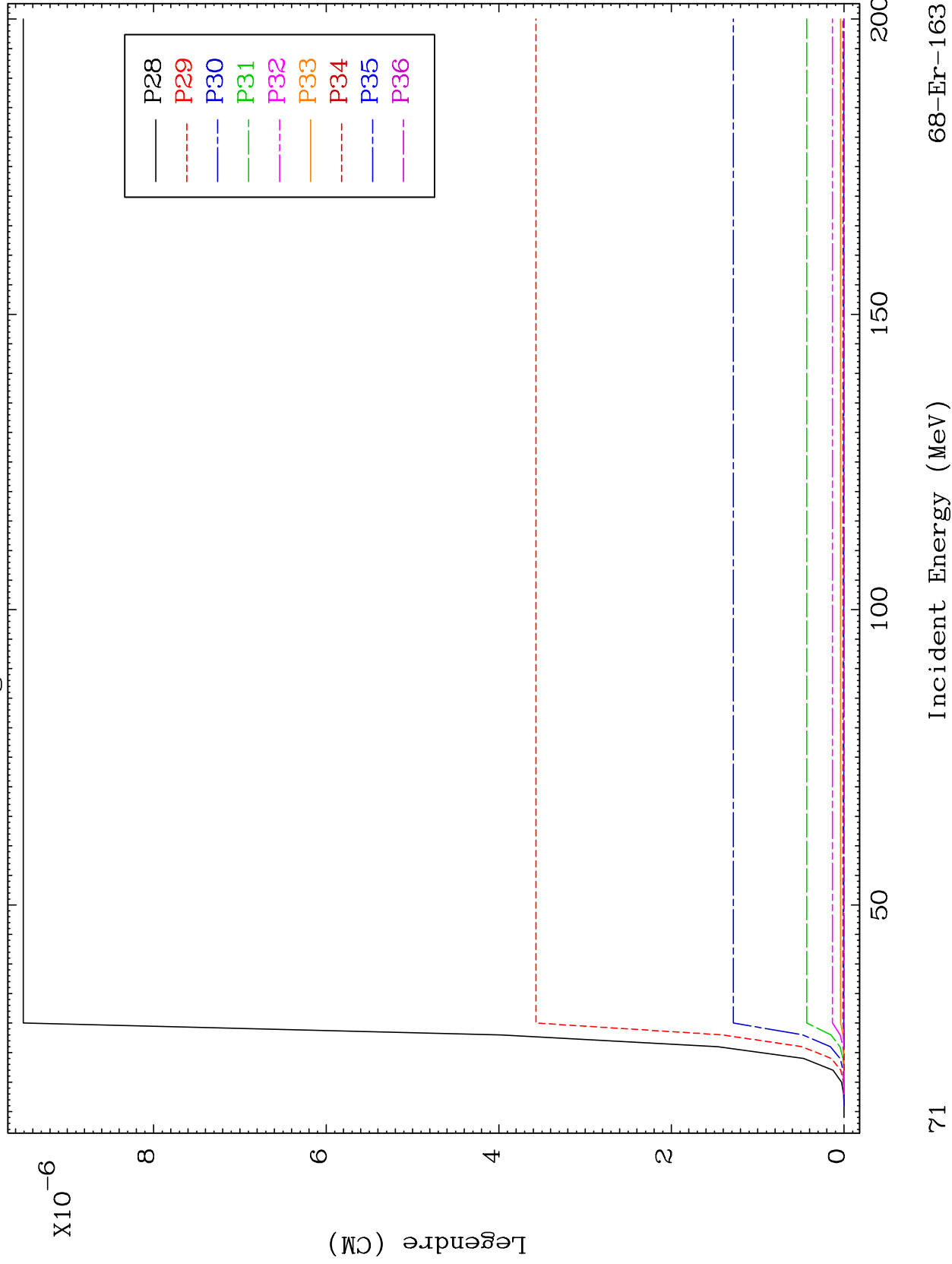
68-Er-163



MAT 6828

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

68-Er-163



71

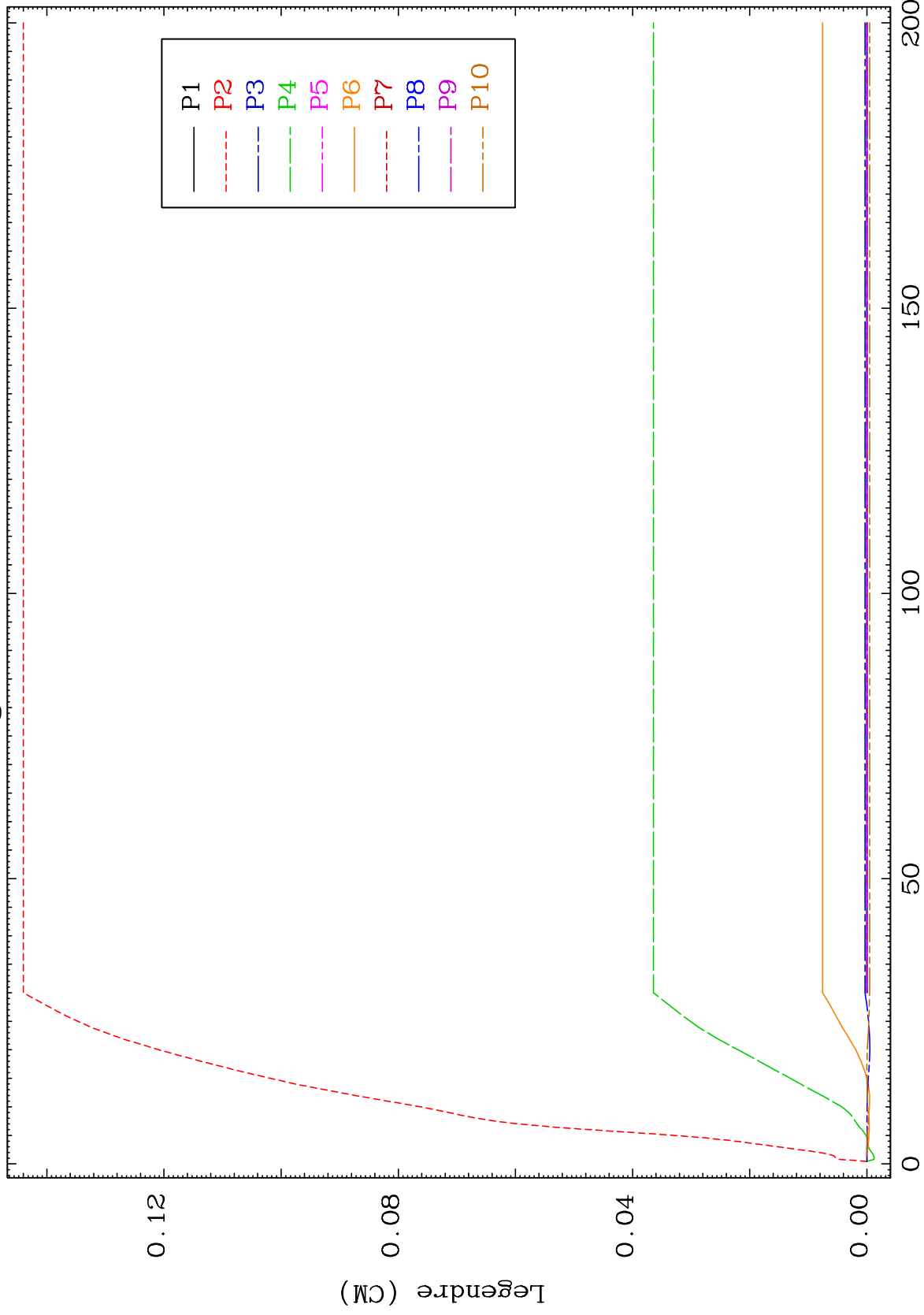
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



72

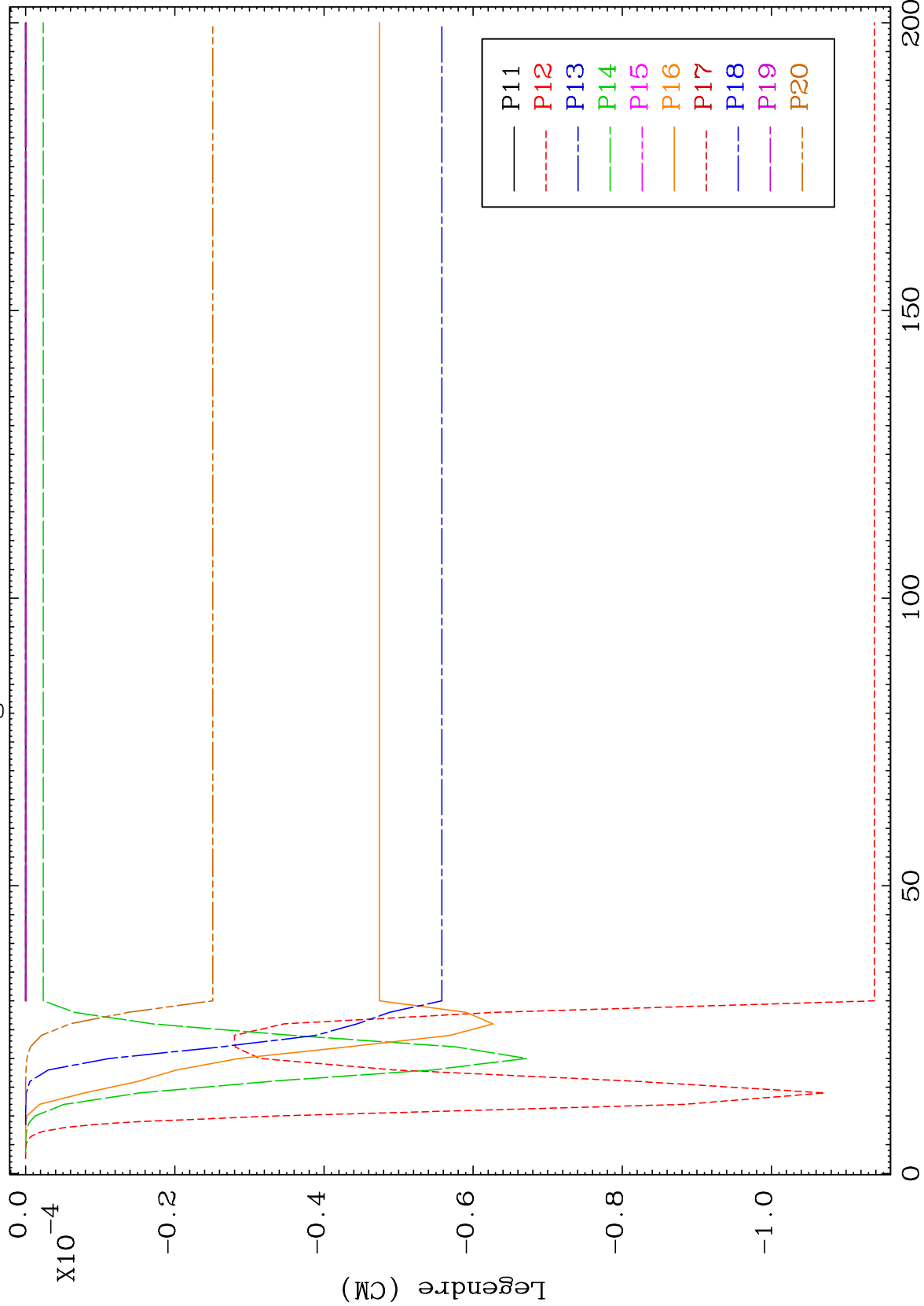
Incident Energy (MeV)

68-Er-163

MAT 6828

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

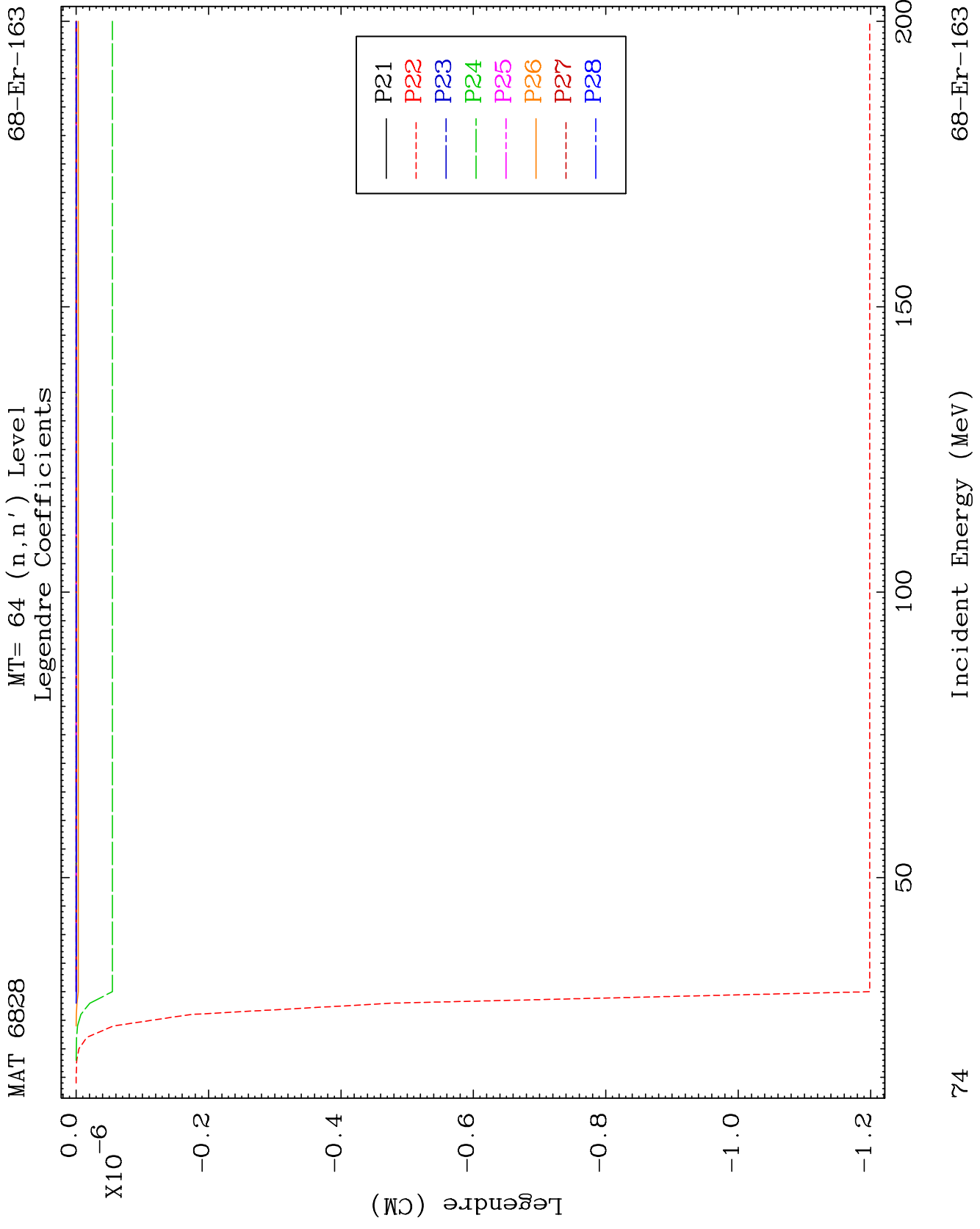
68-Er-163



73

Incident Energy (MeV)

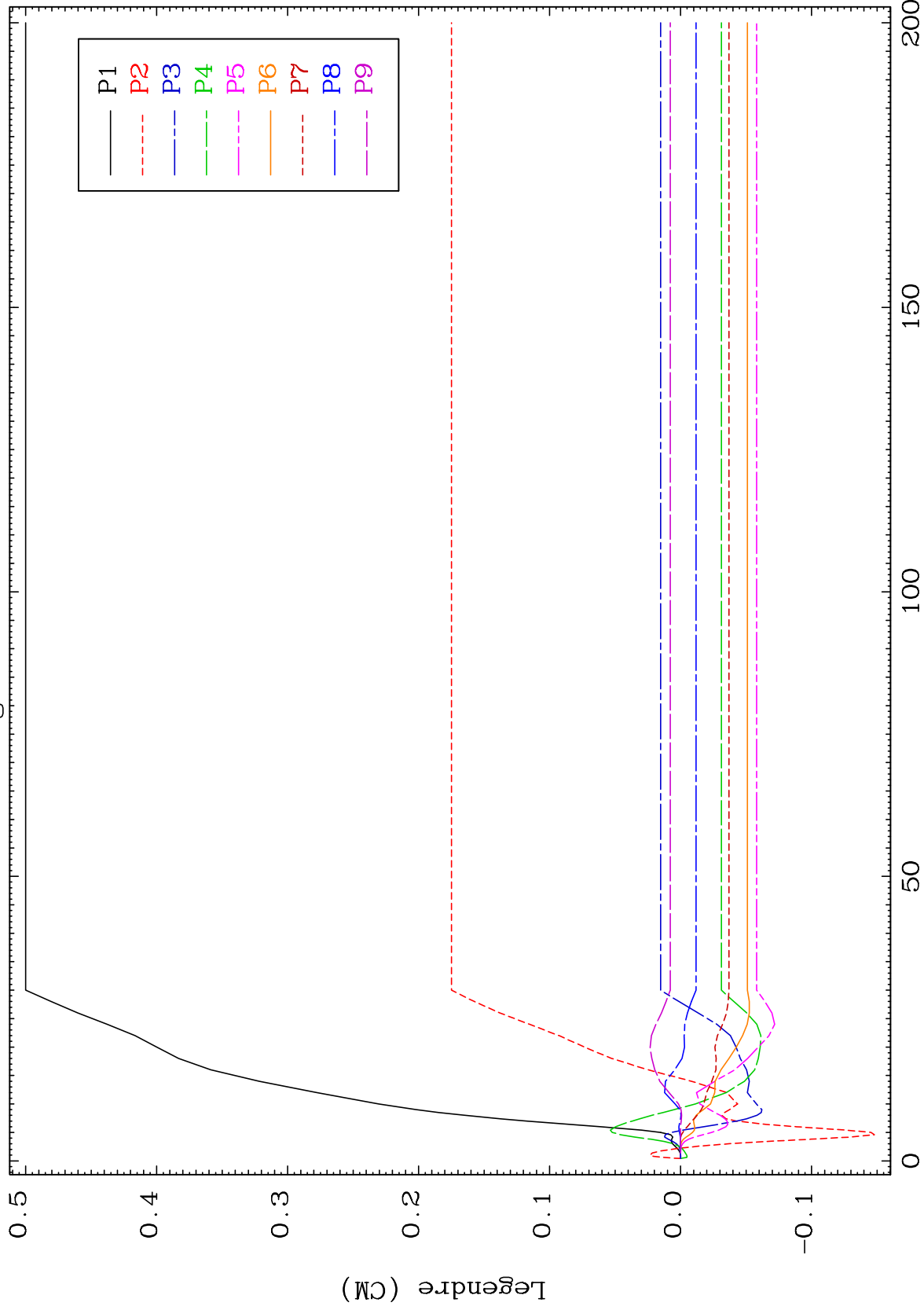
68-Er-163



MAT 6828

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

68-Er-163



68-Er-163

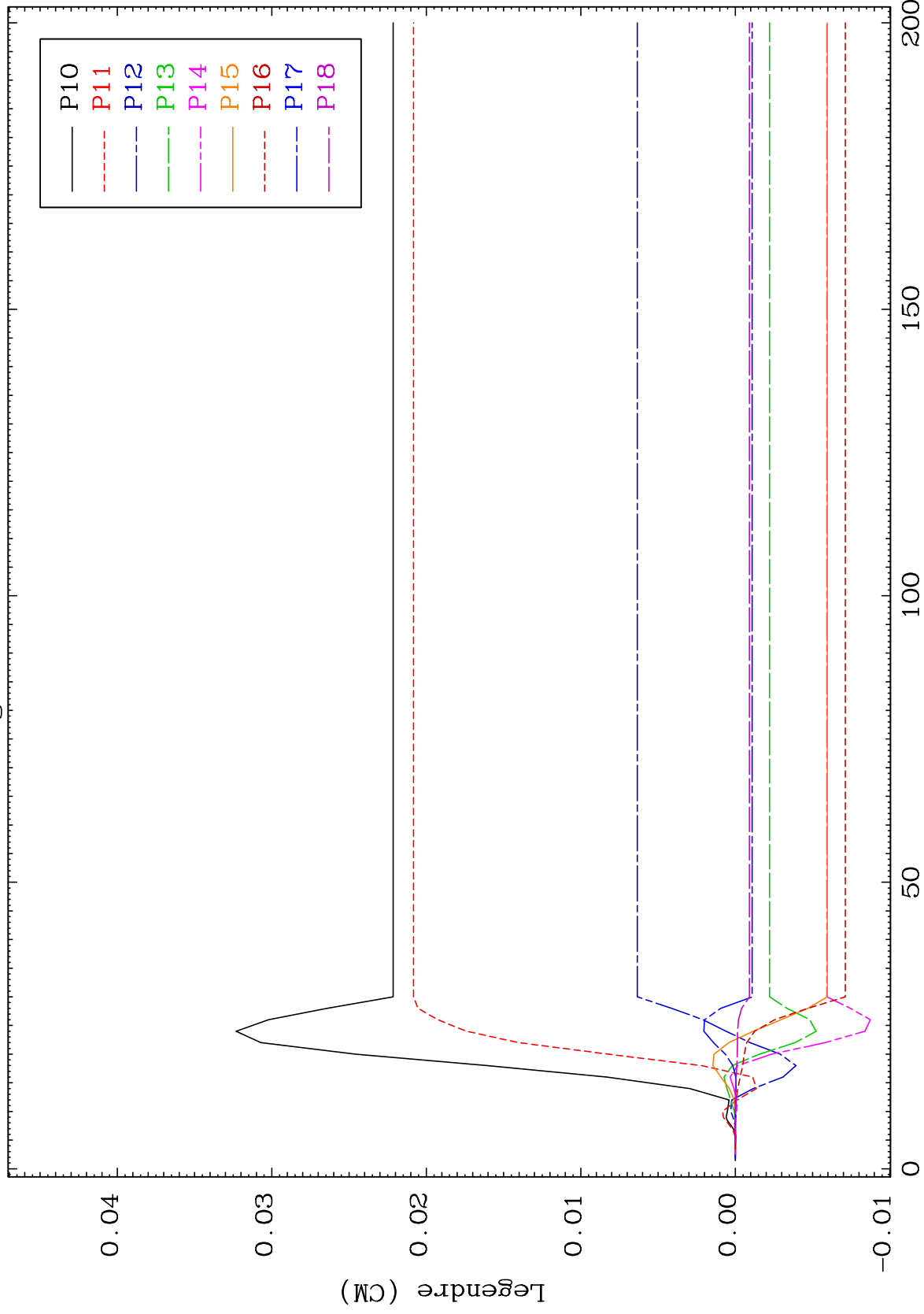
Incident Energy (MeV)

75

MAT 6828

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

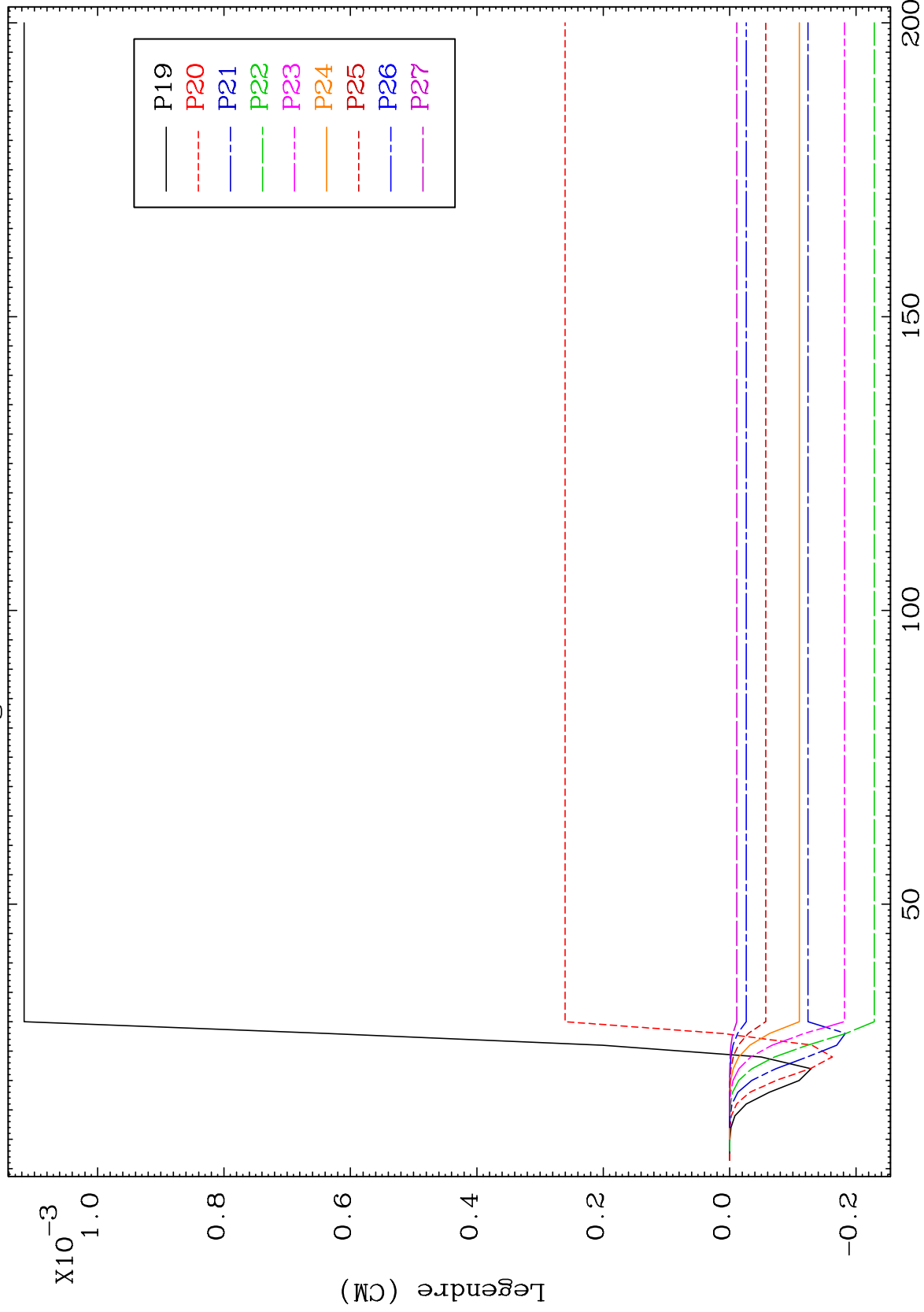
68-Er-163



76

Incident Energy (MeV)

68-Er-163

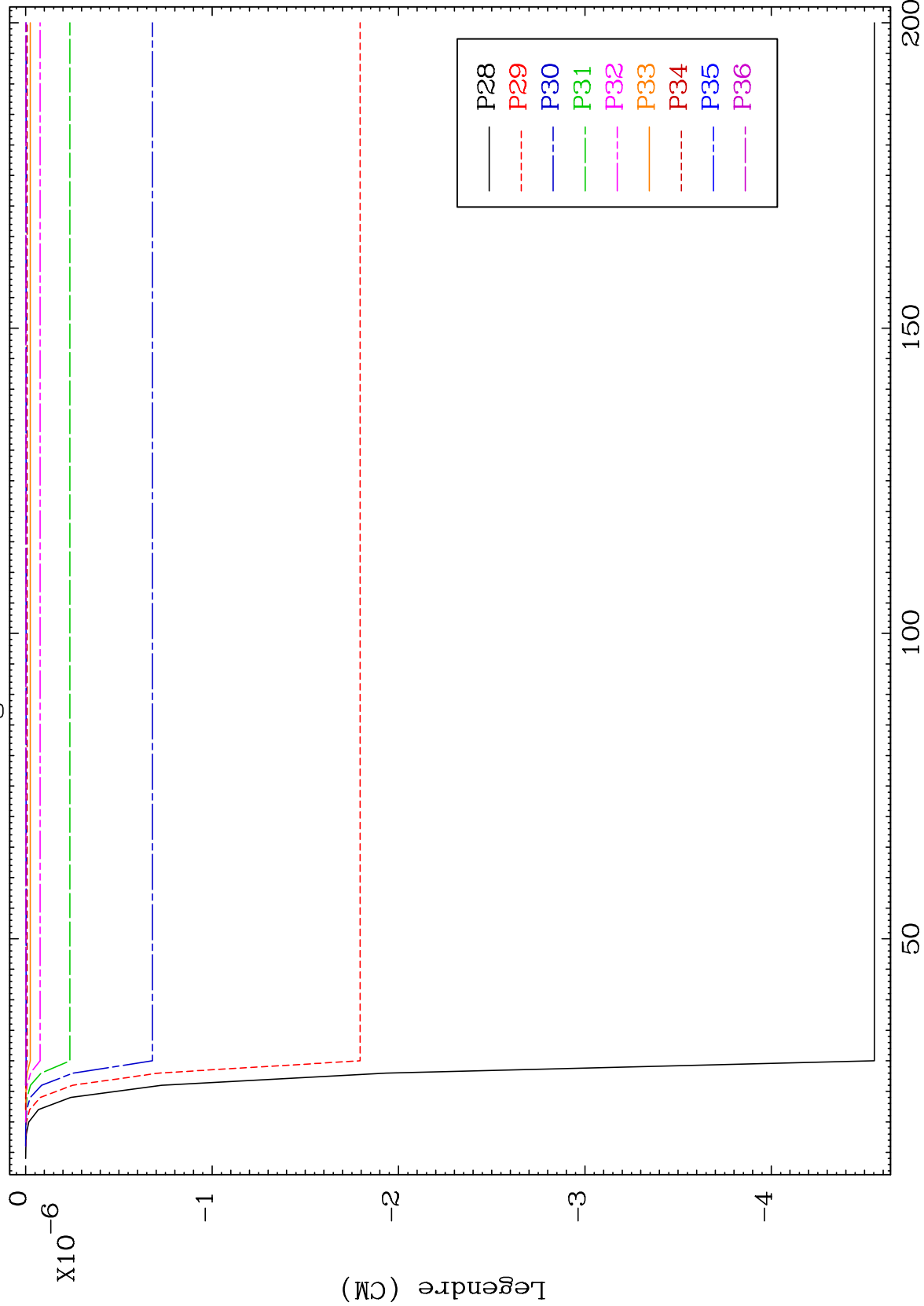


MAT 6828

MT= 65 (n,n') Level

68-Er-163

Legendre Coefficients



68-Er-163

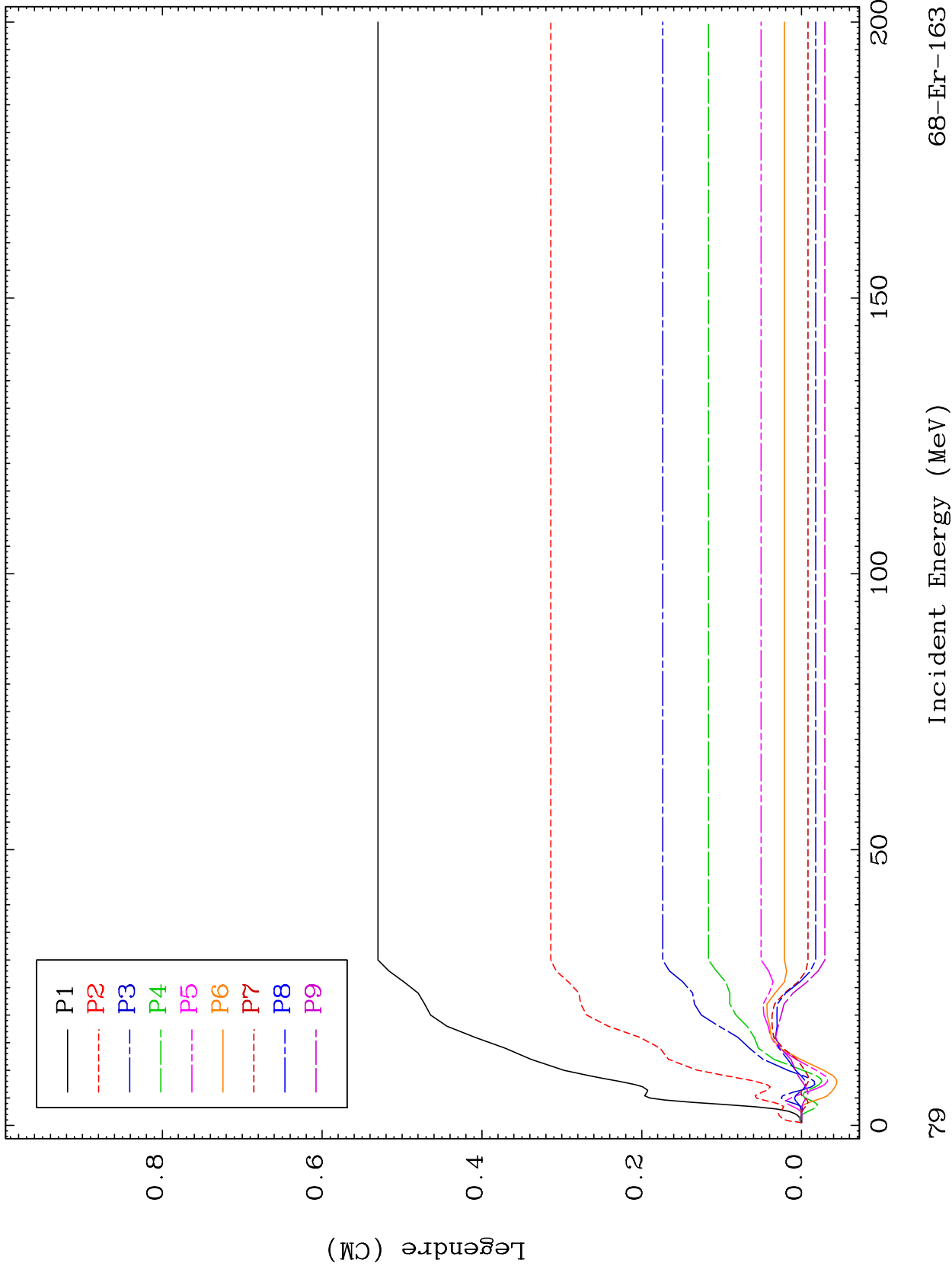
Incident Energy (MeV)

78

MAT 6828

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

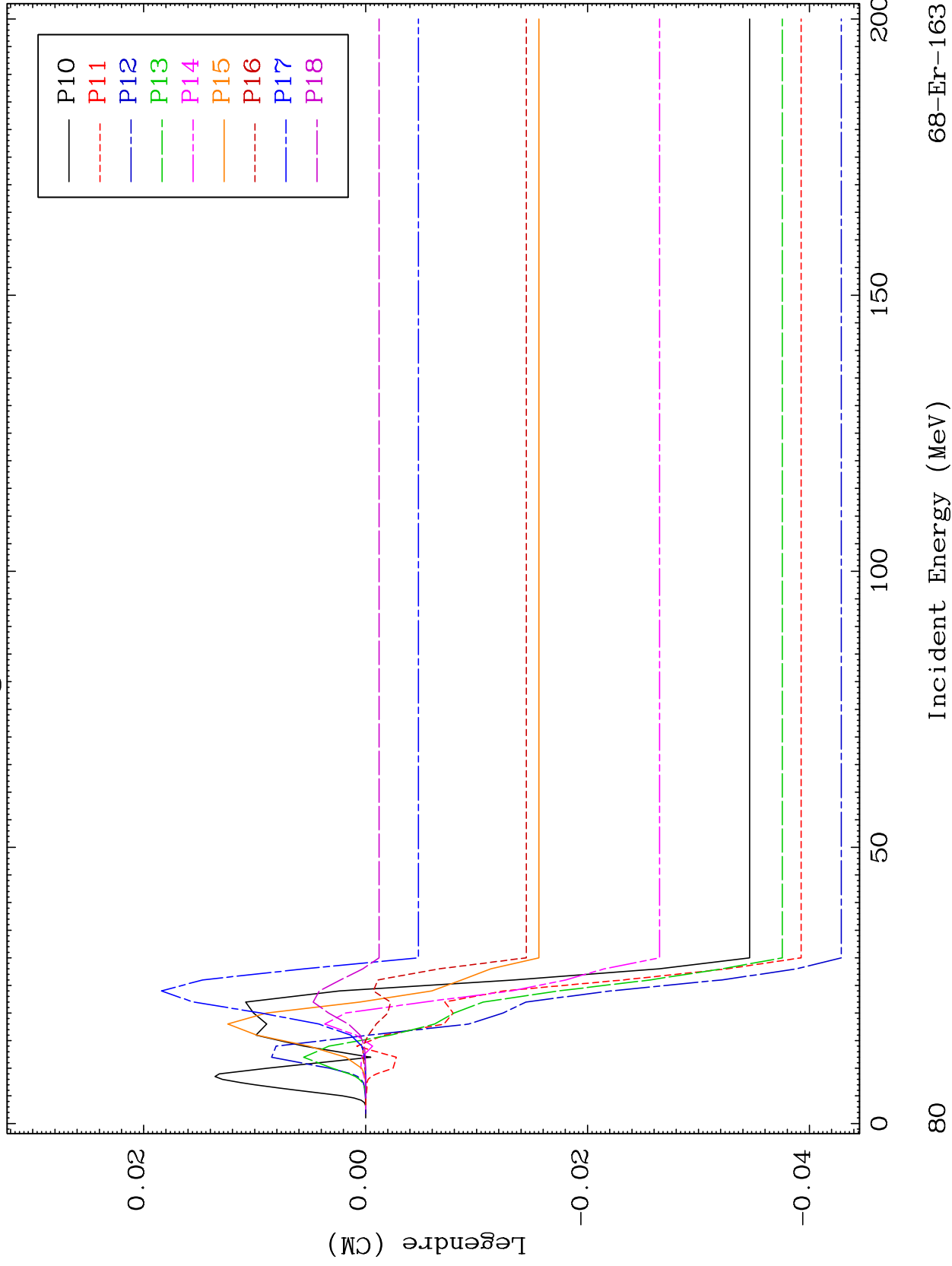
68-Er-163



MAT 6828

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

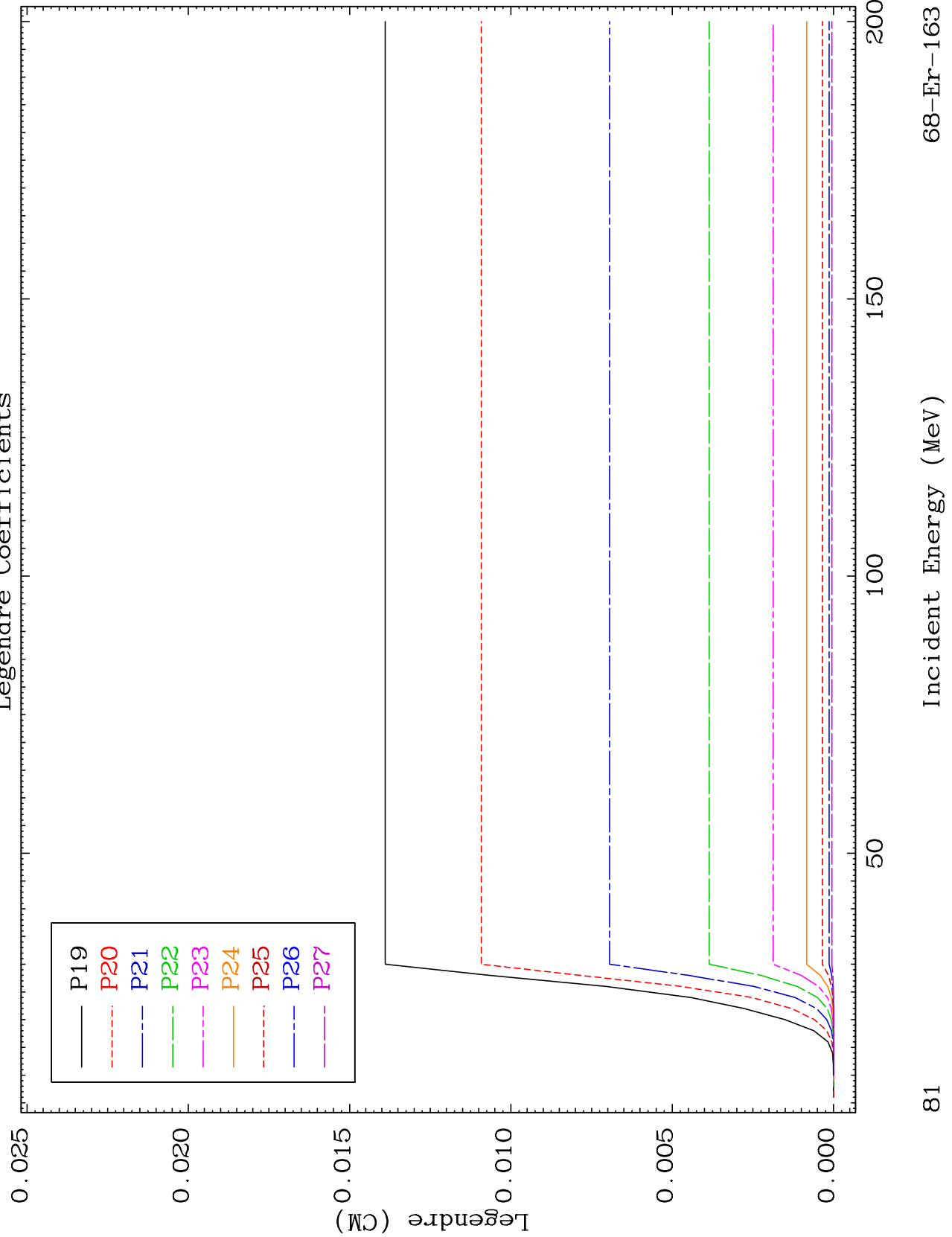
68-Er-163



68-Er-163

Incident Energy (MeV)

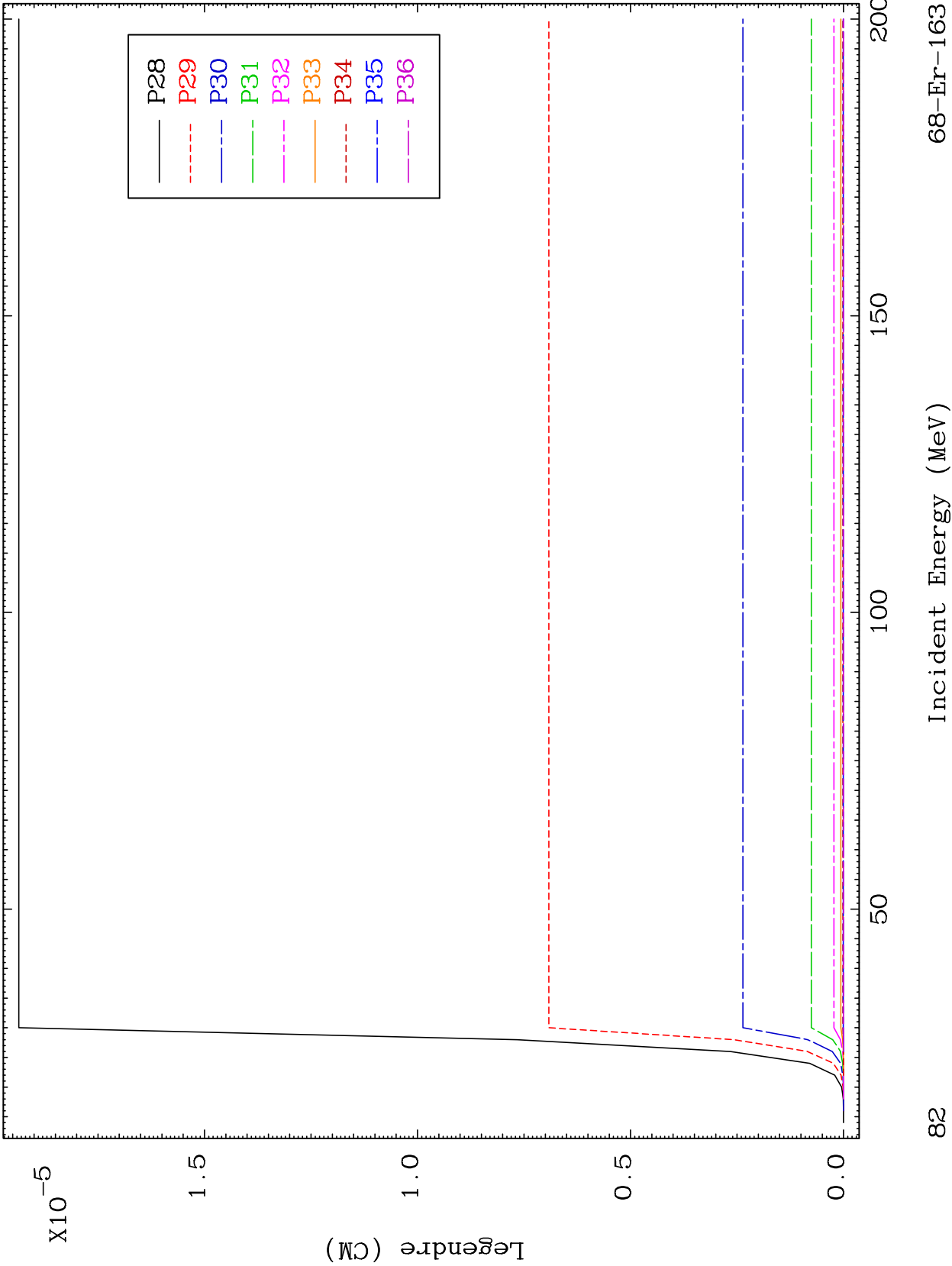
80



MAT 6828

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

68-Er-163



82

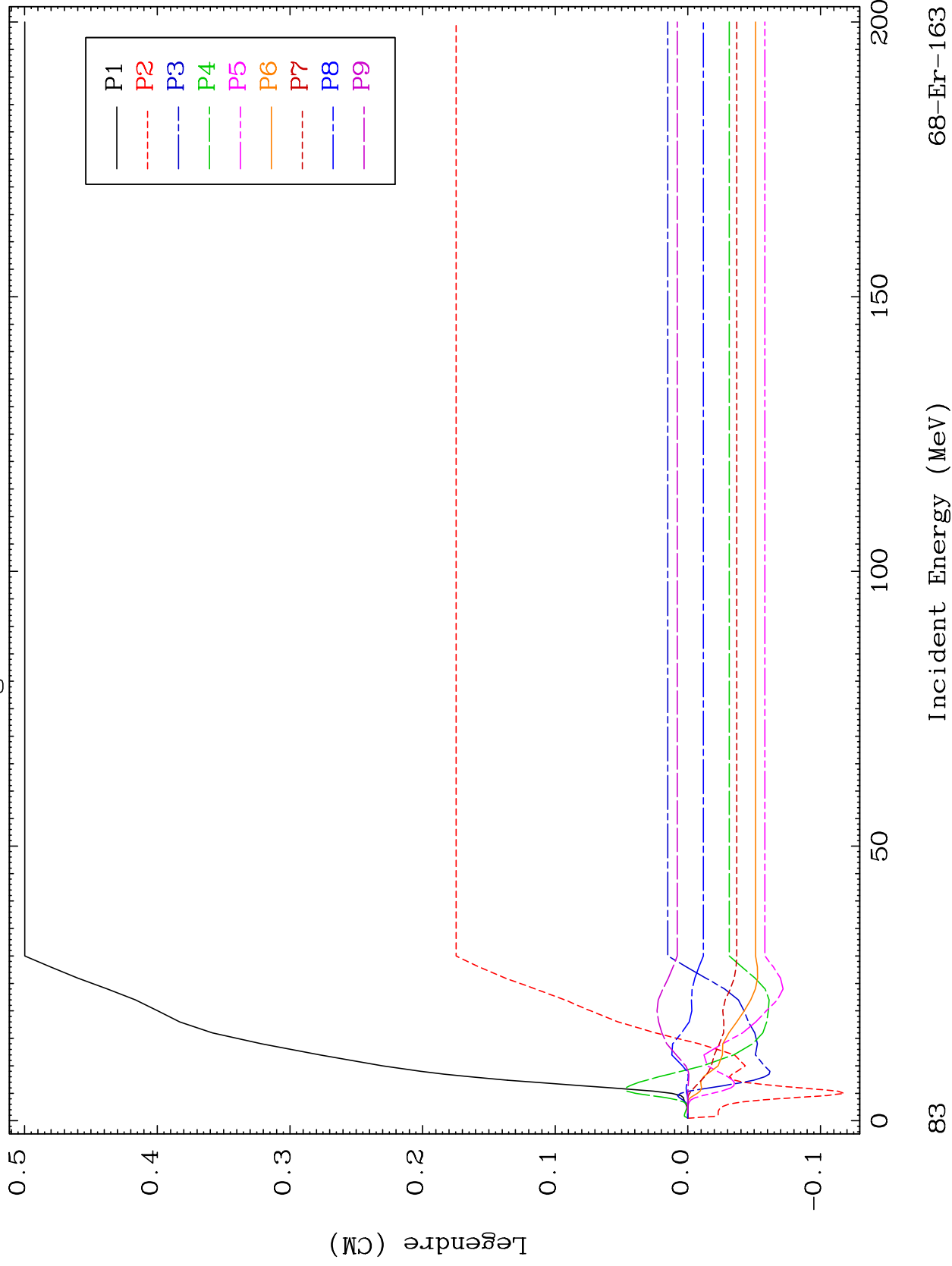
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



83

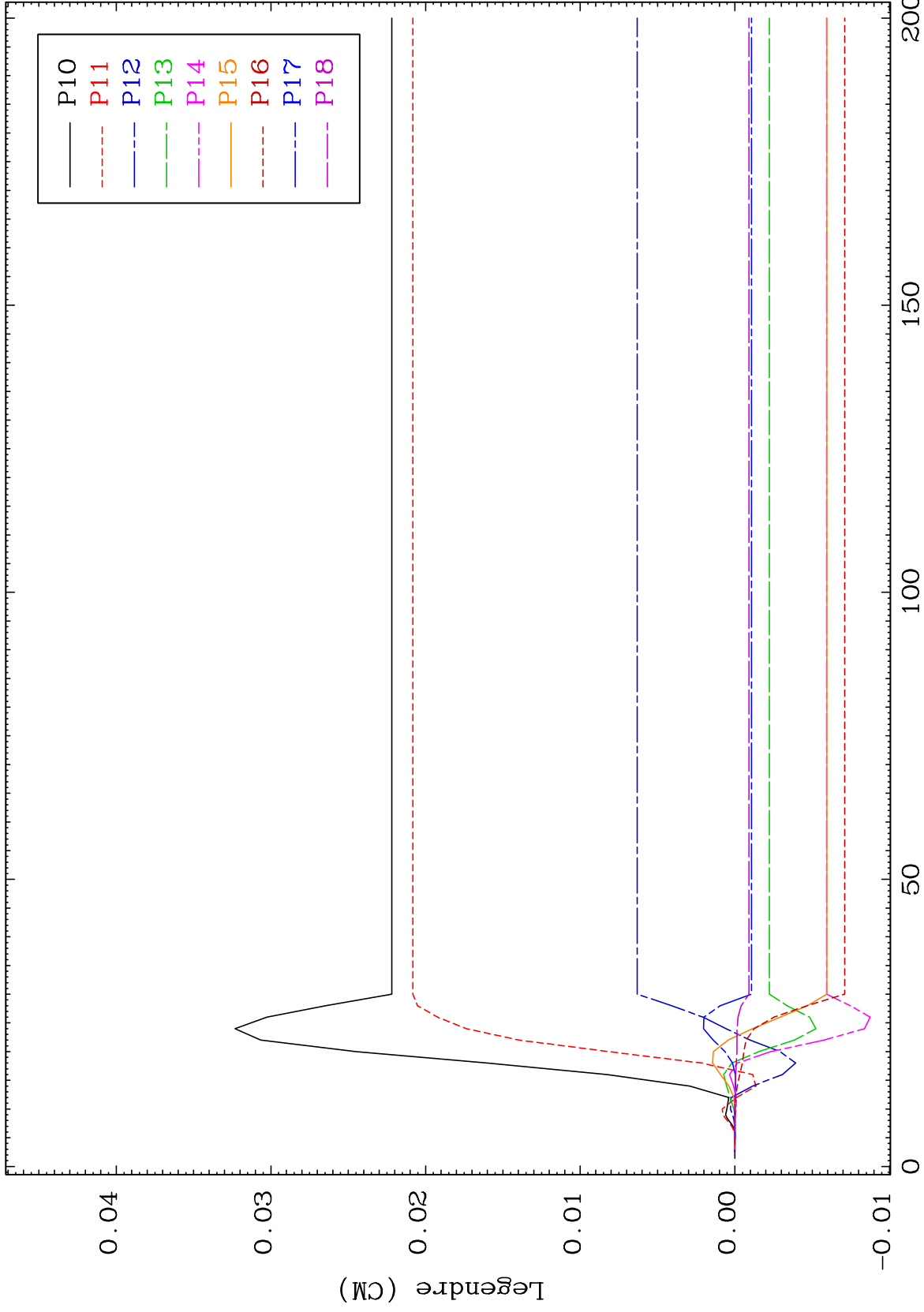
Incident Energy (MeV)

68-Er-163

MAT 6828

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

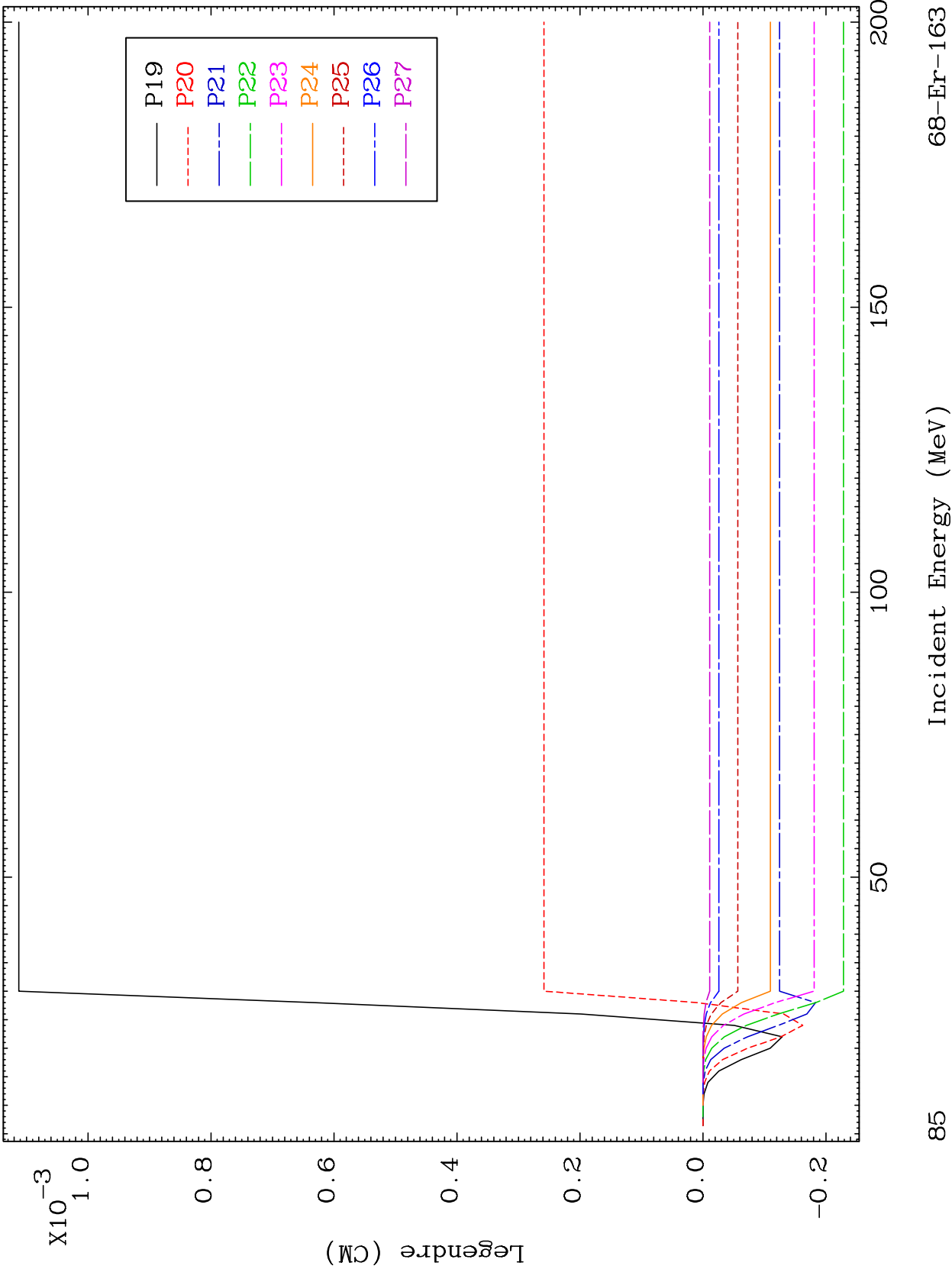
68-Er-163



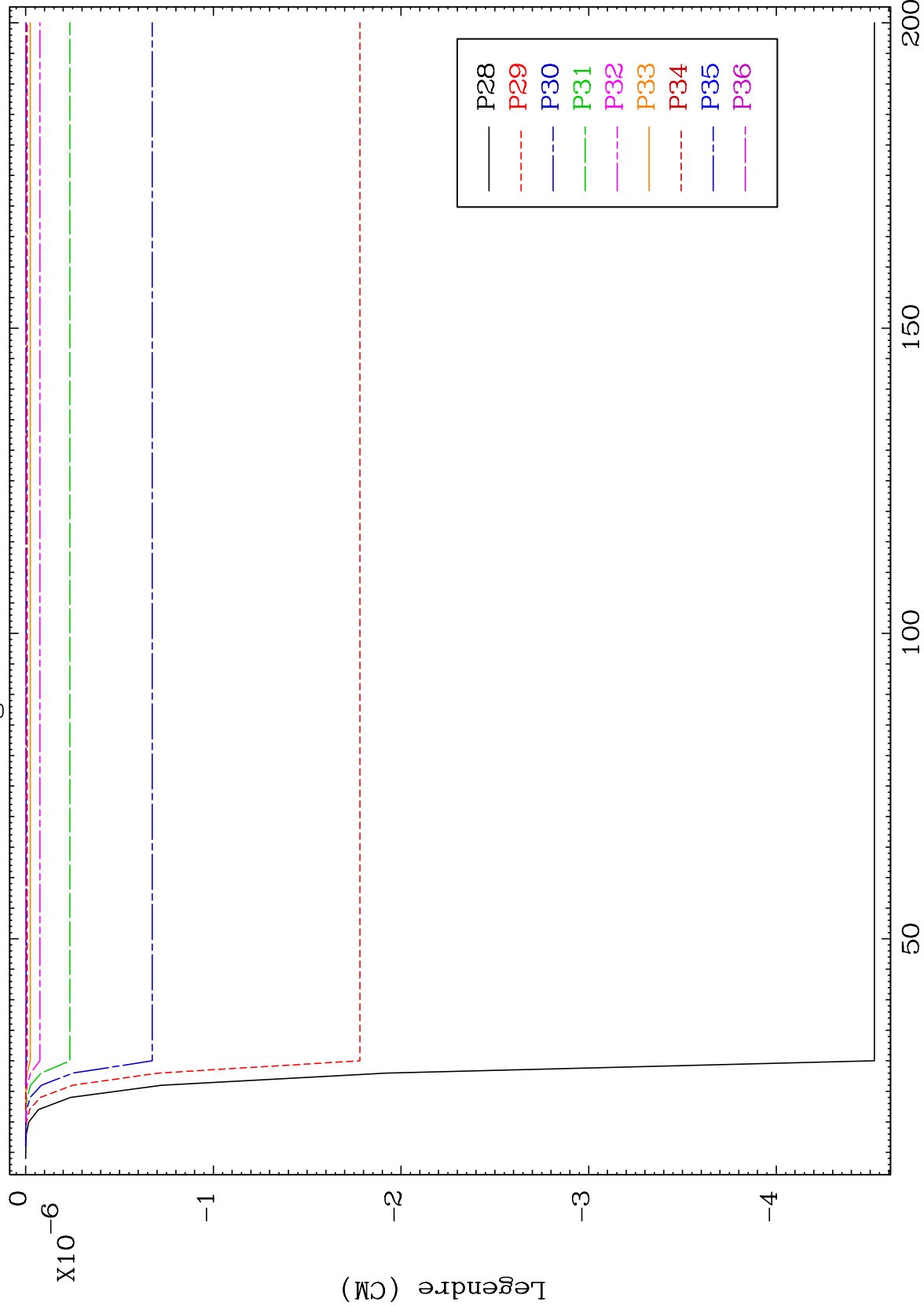
84

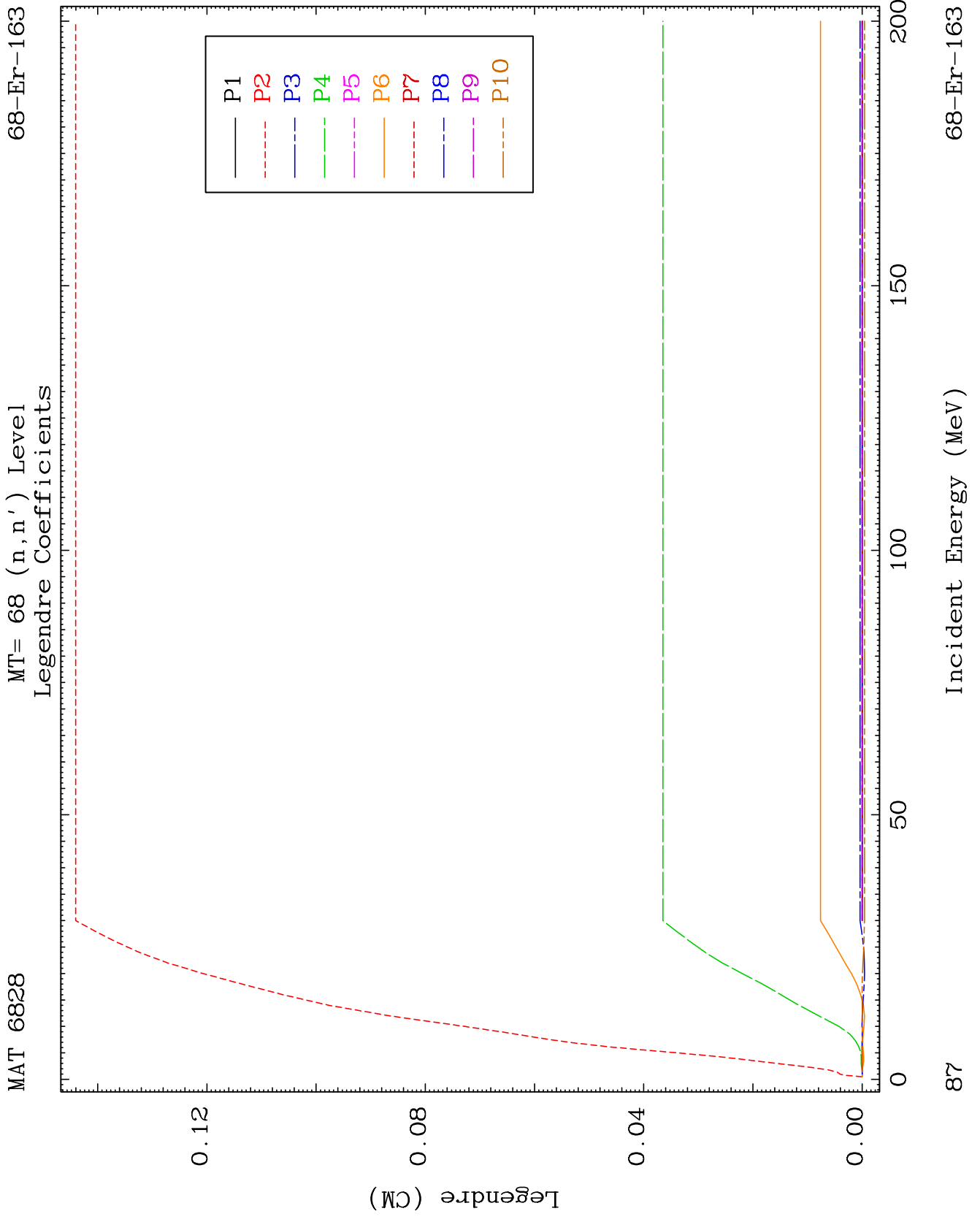
Incident Energy (MeV)

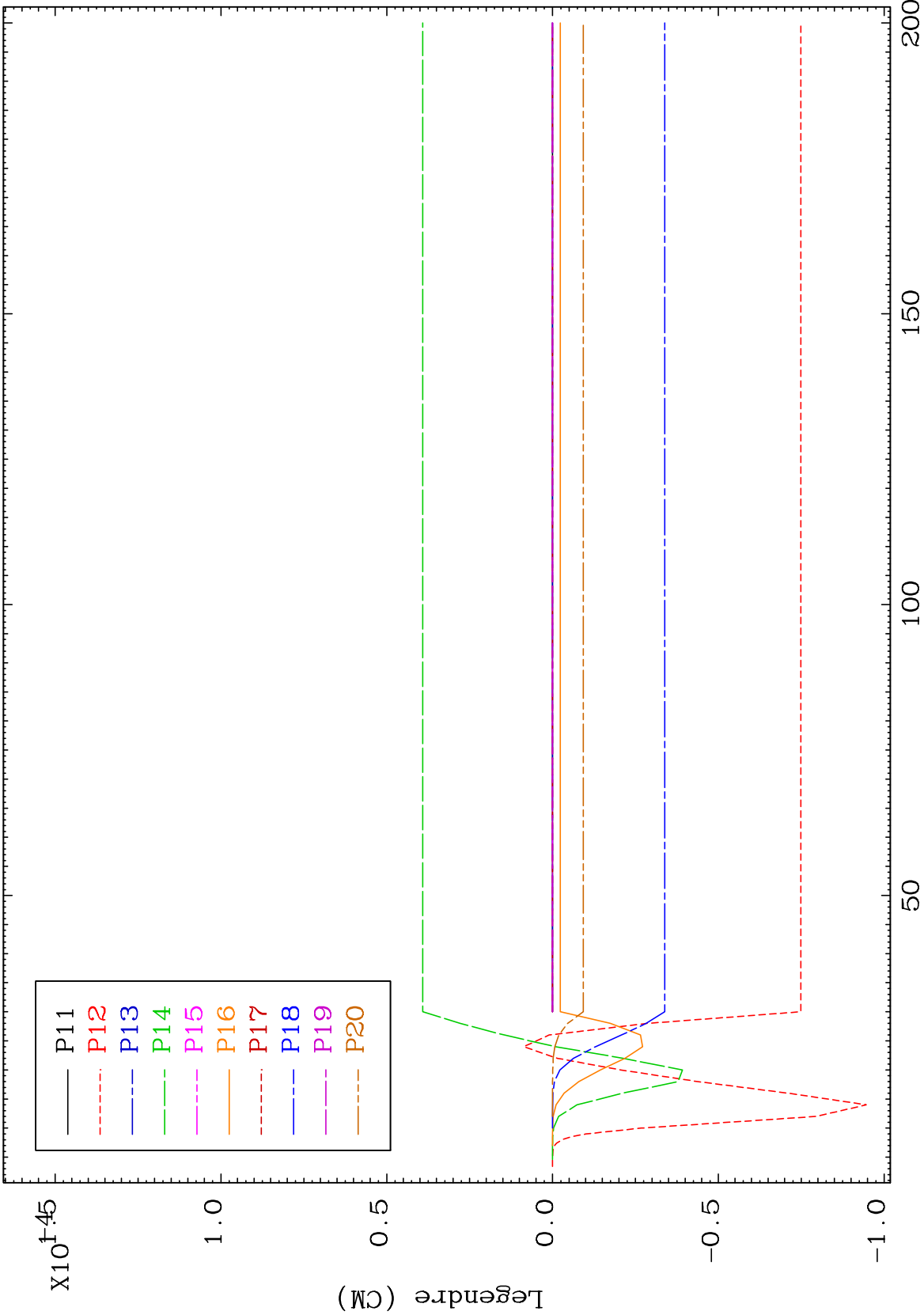
68-Er-163

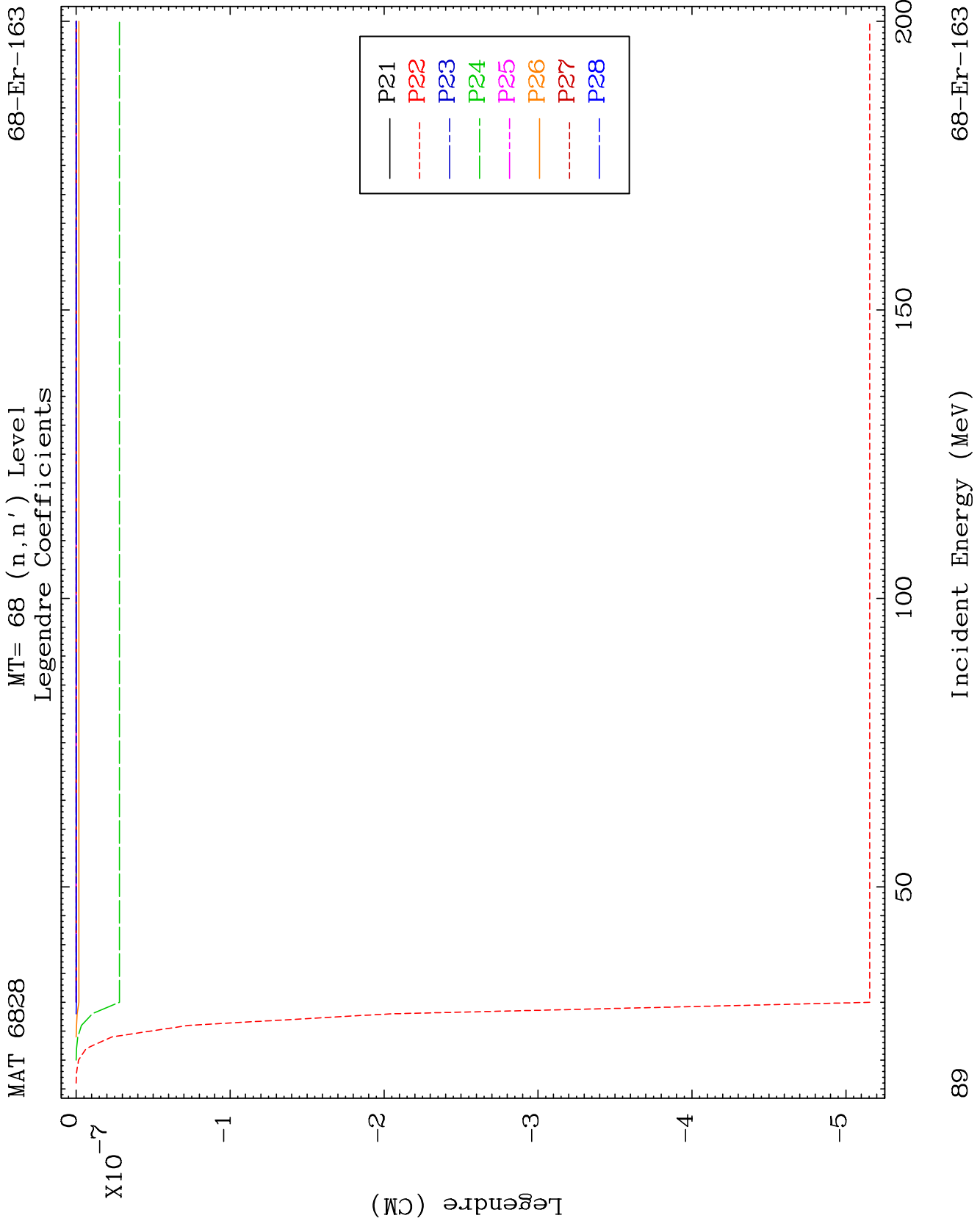


Legendre Coefficients





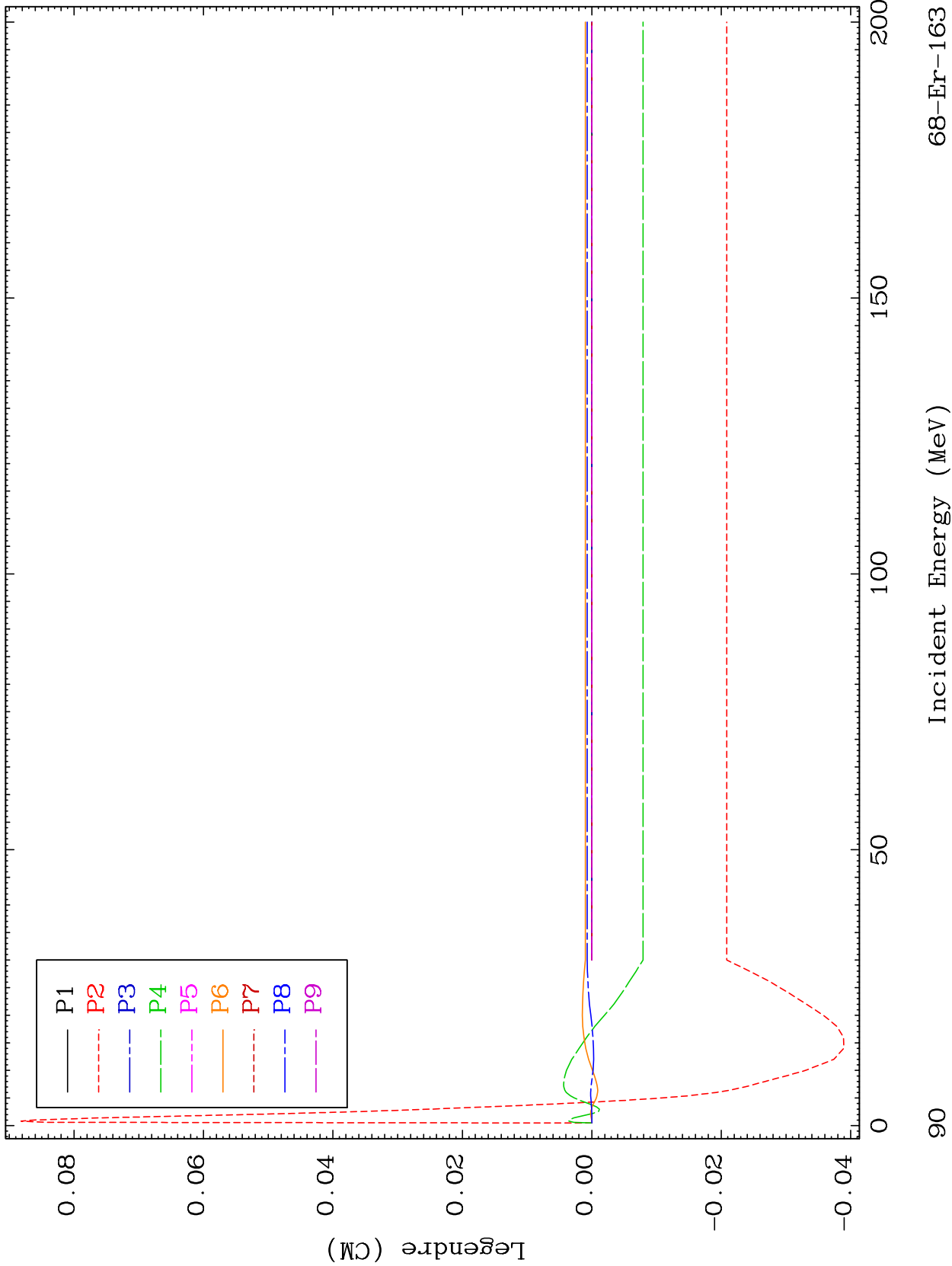




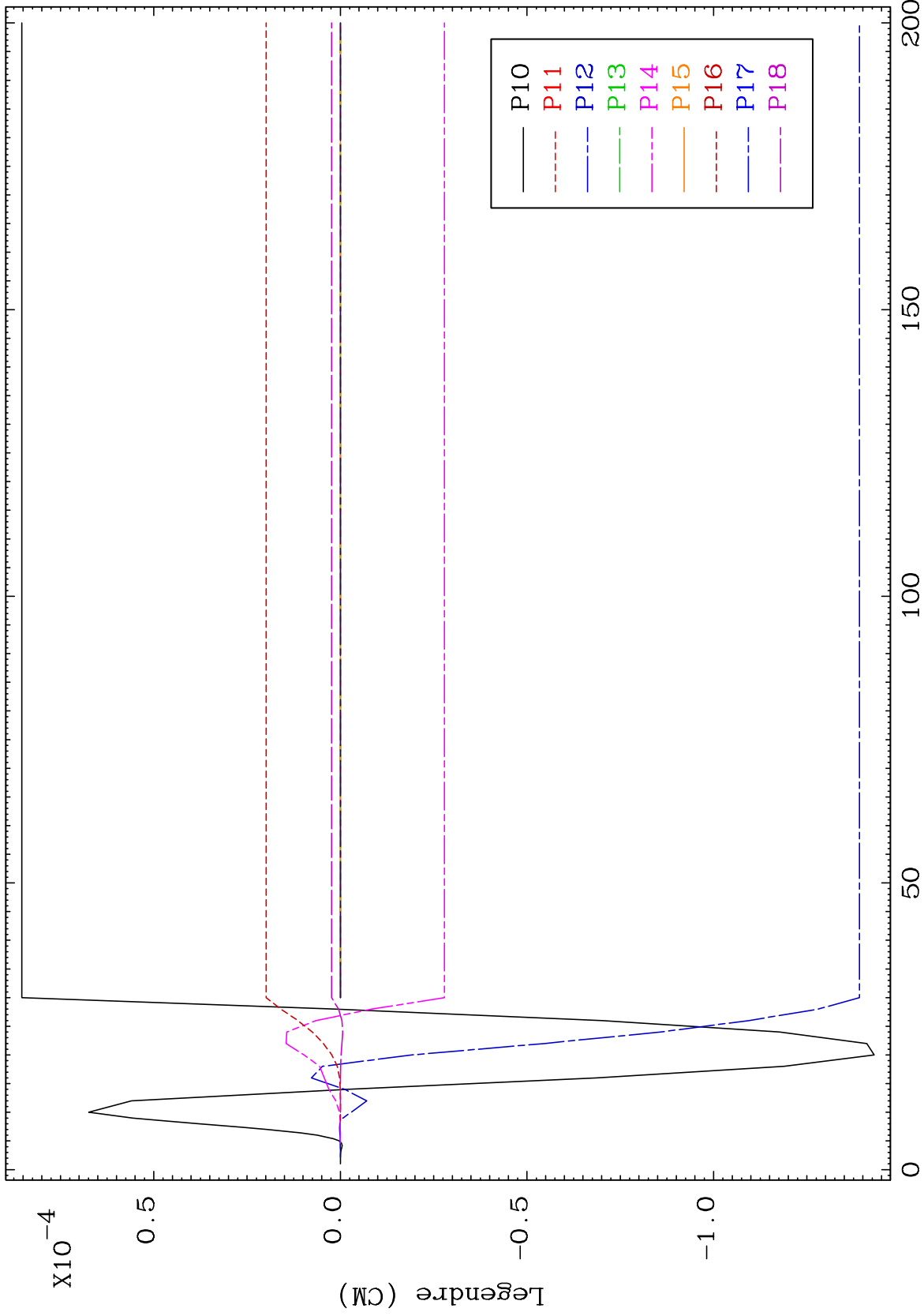
MAT 6828

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

68-Er-163



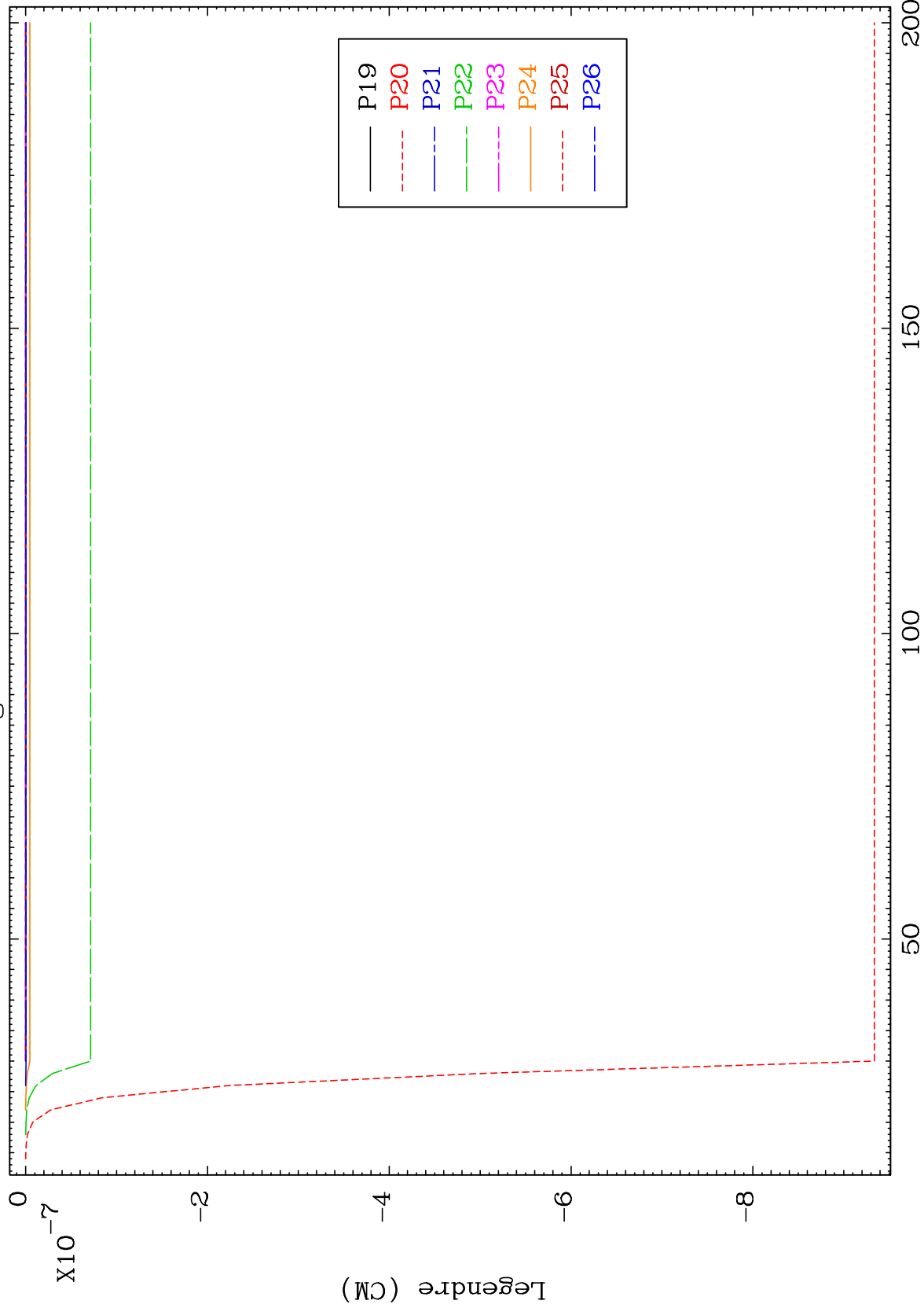
68-Er-163



MAT 6828

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

68-Er-163



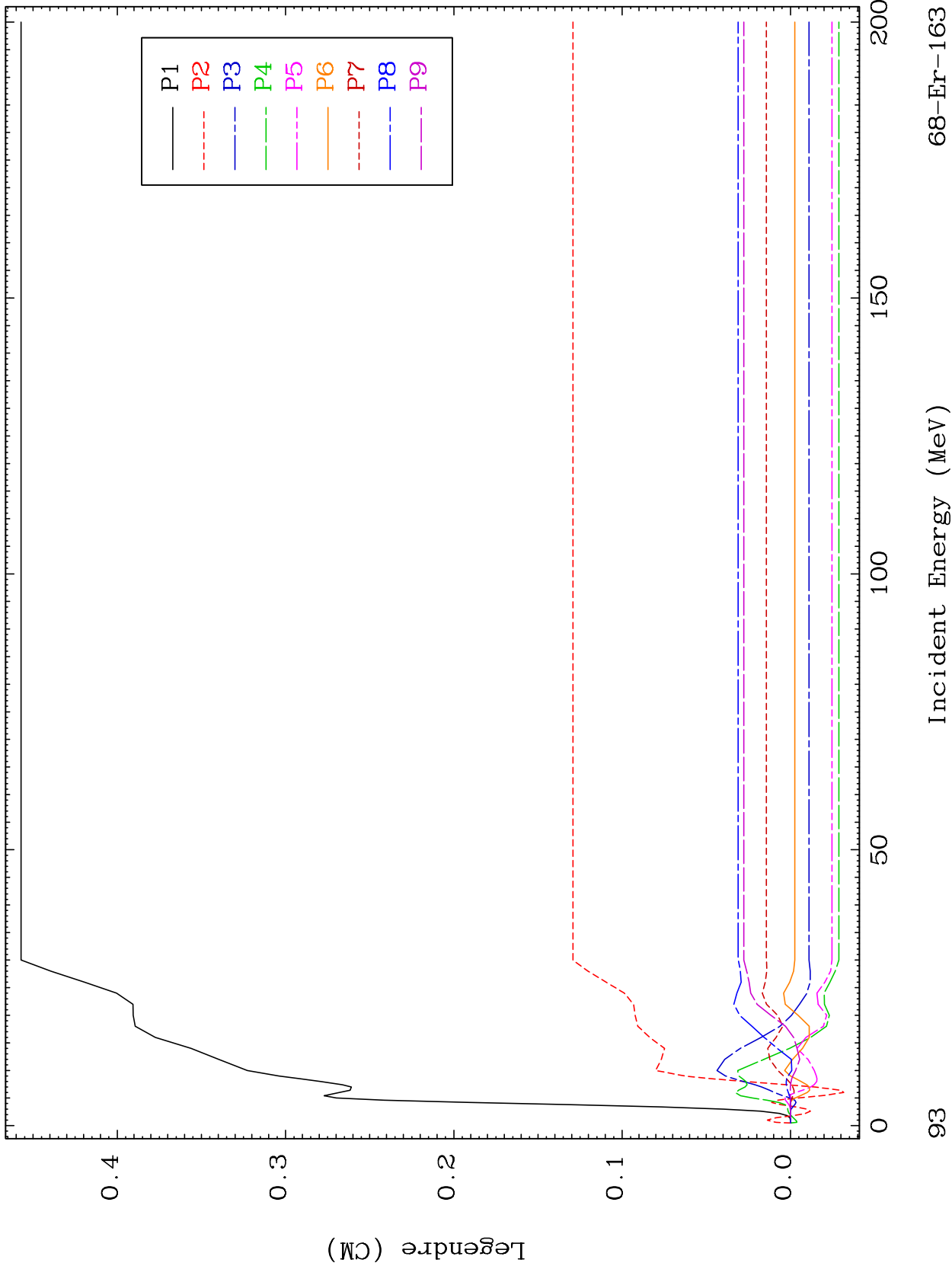
92

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

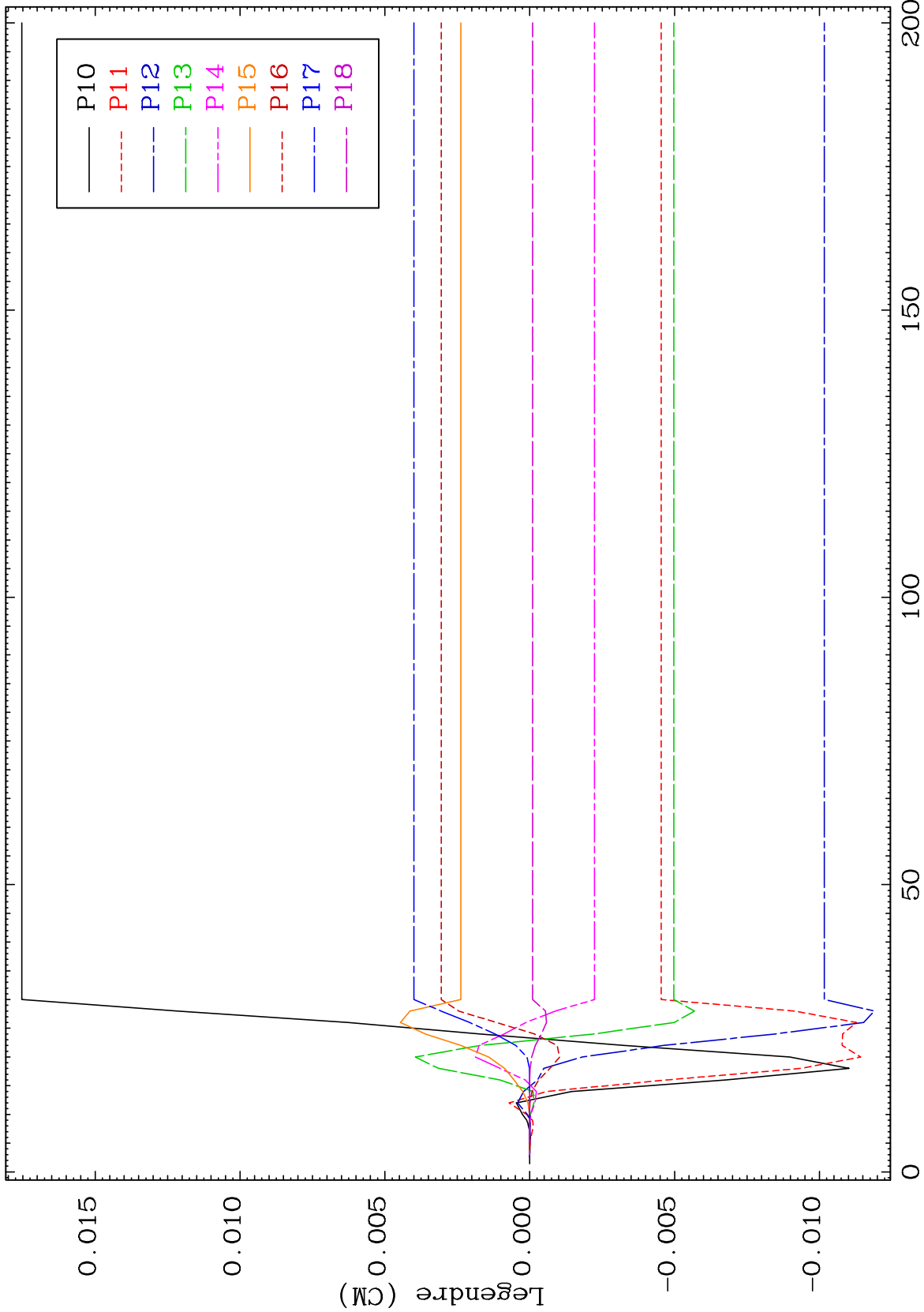
Incident Energy (MeV)

93

MAT 6828

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

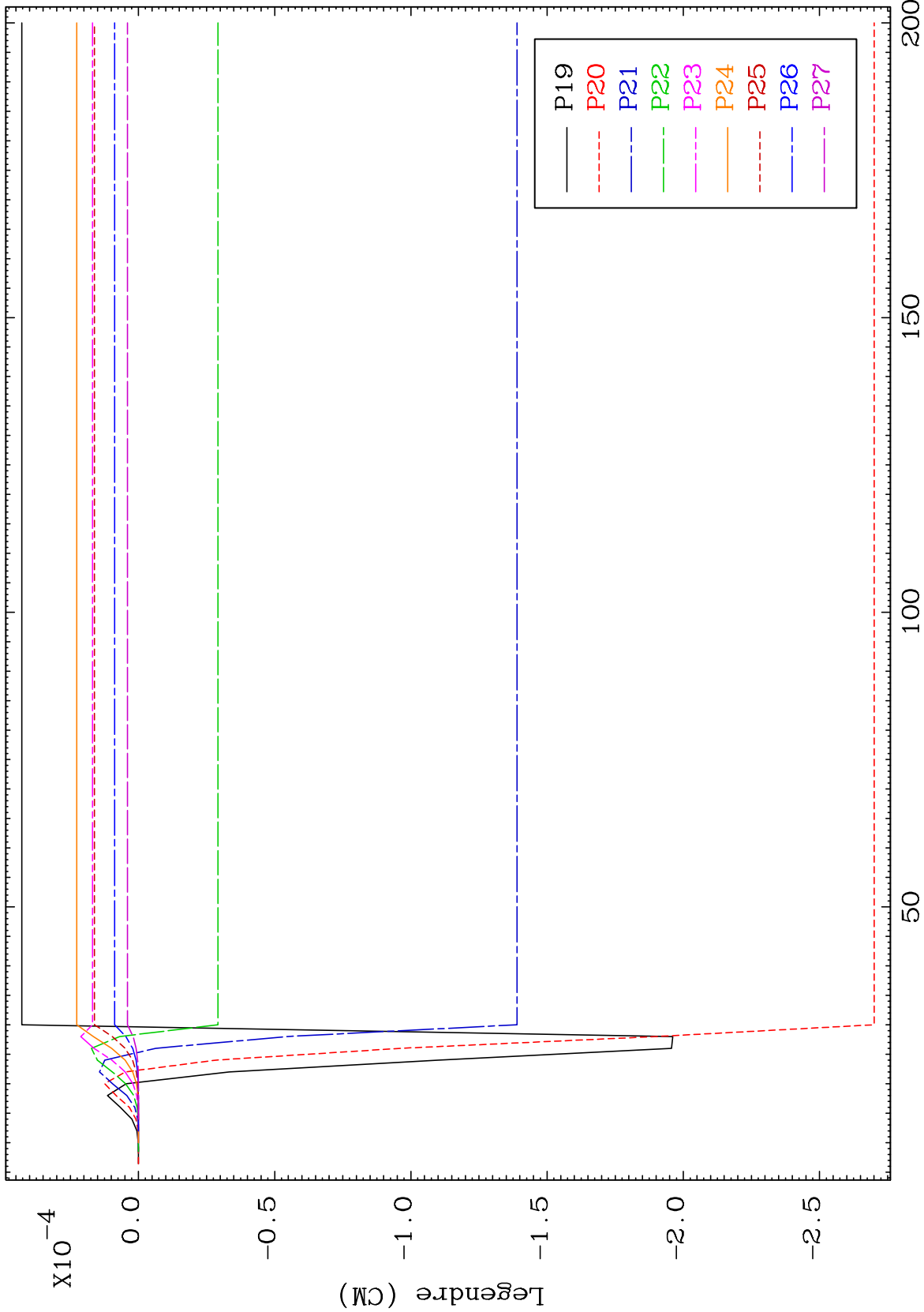
68-Er-163



94

Incident Energy (MeV)

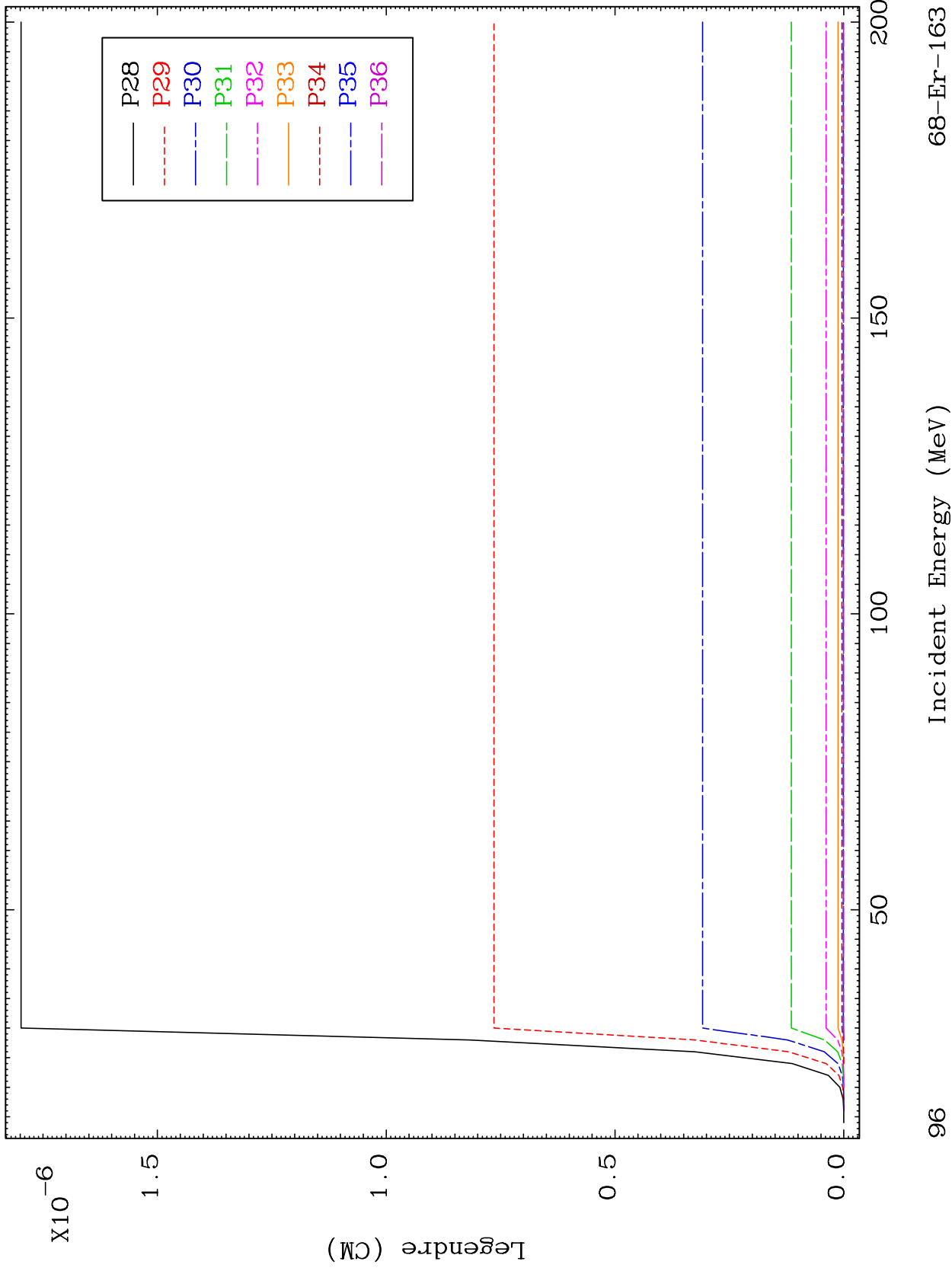
68-Er-163



MAT 6828

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

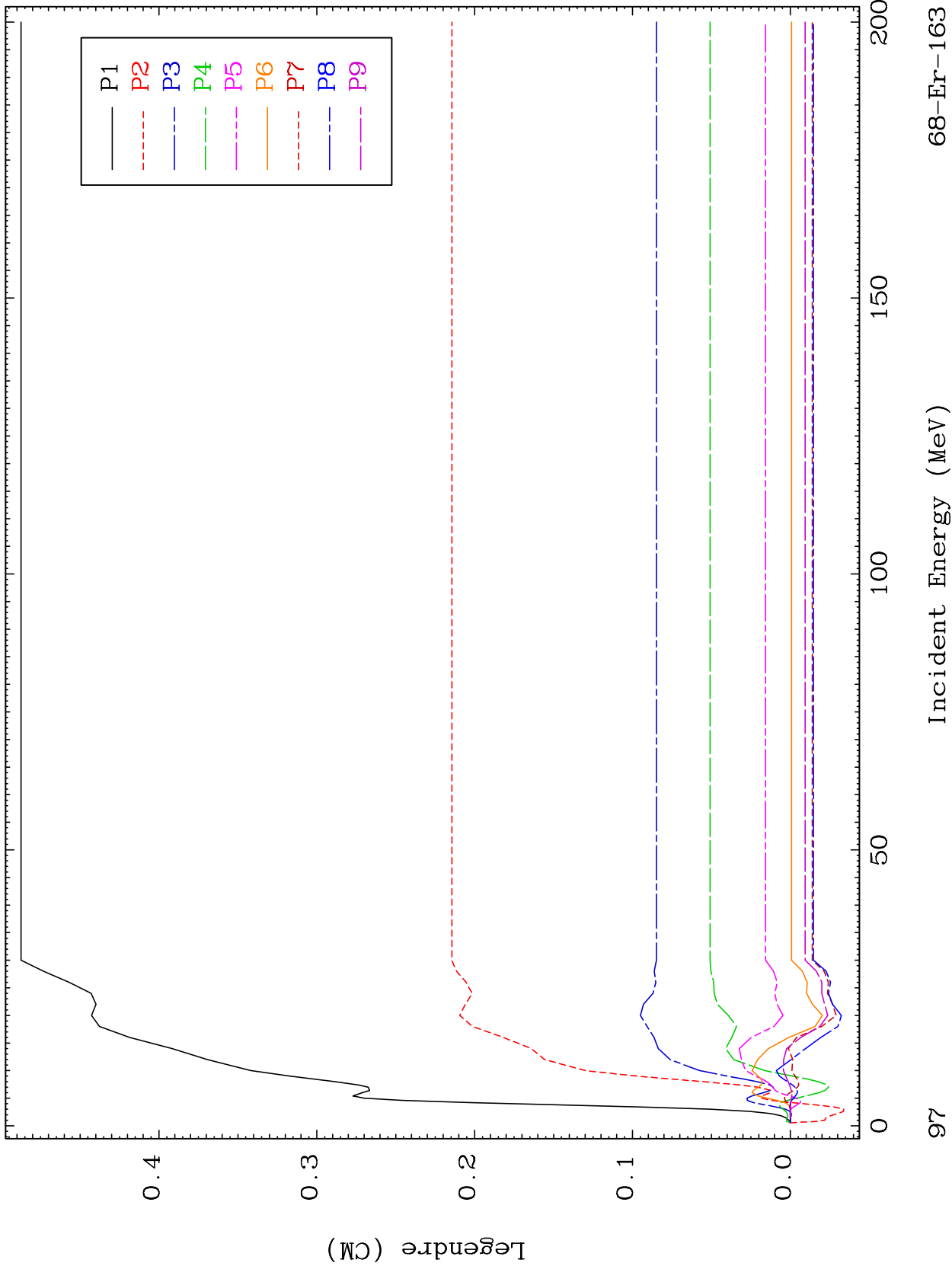
68-Er-163



96

Incident Energy (MeV)

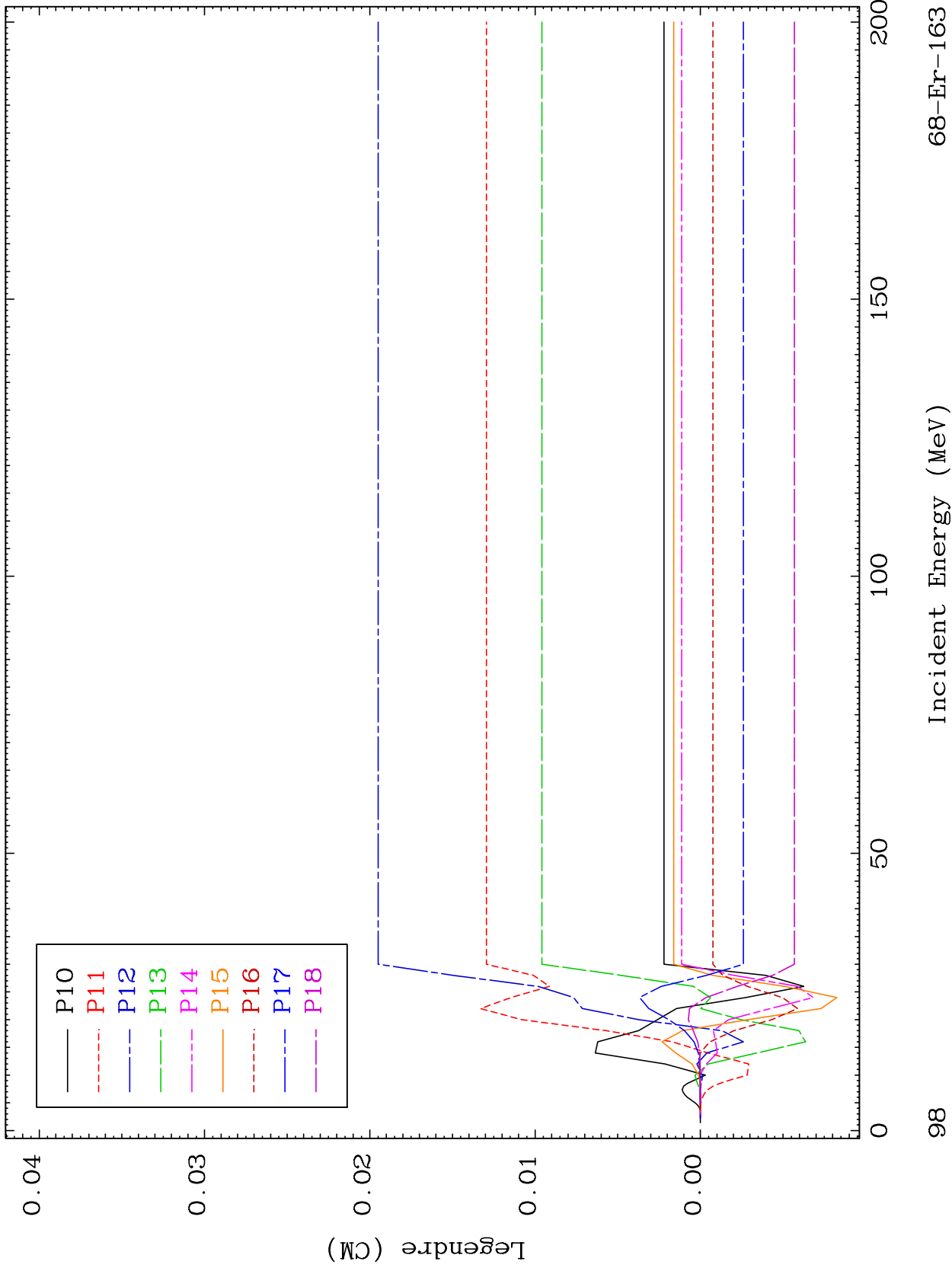
68-Er-163



MAT 6828

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

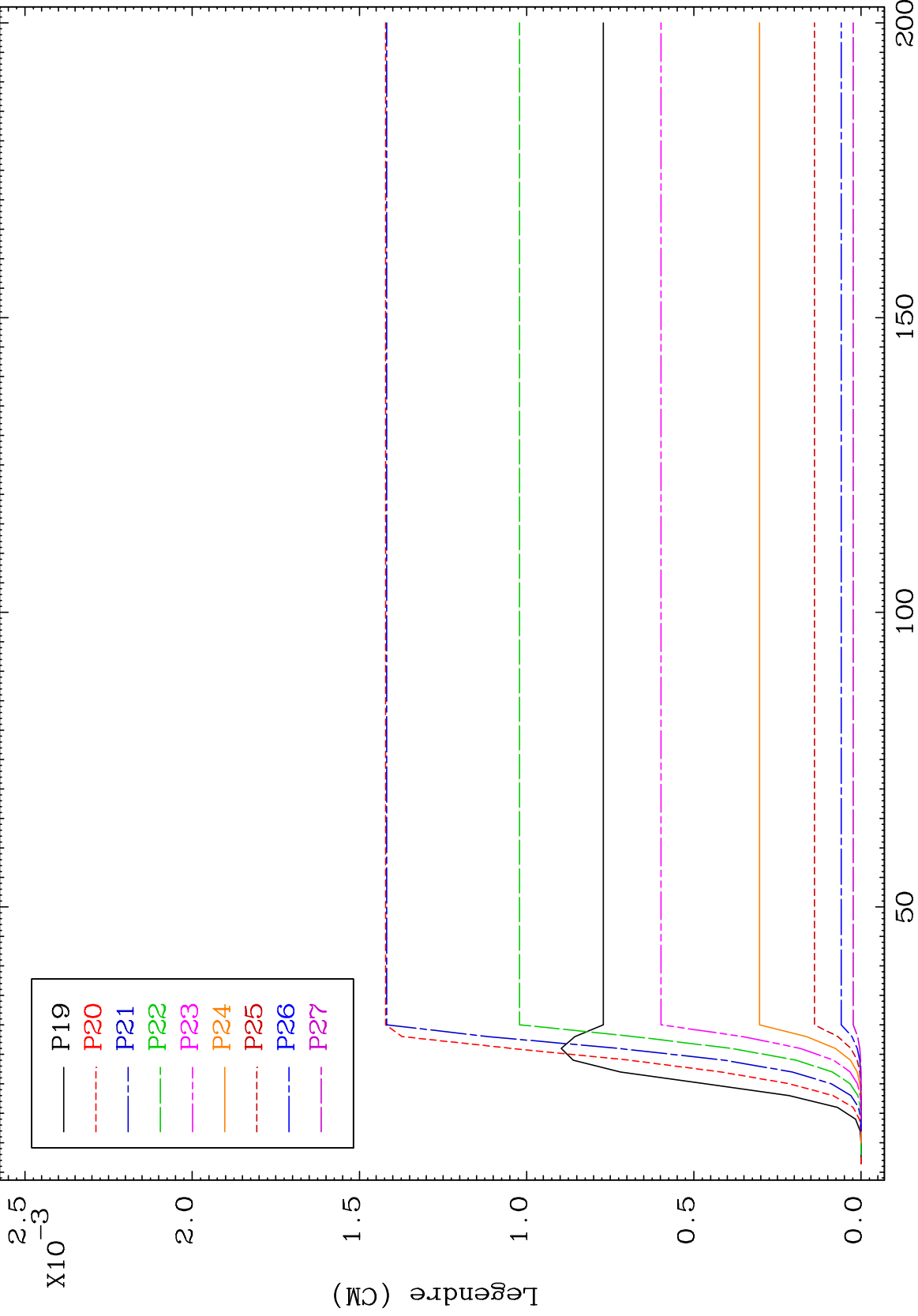
68-Er-163



98

Incident Energy (MeV)

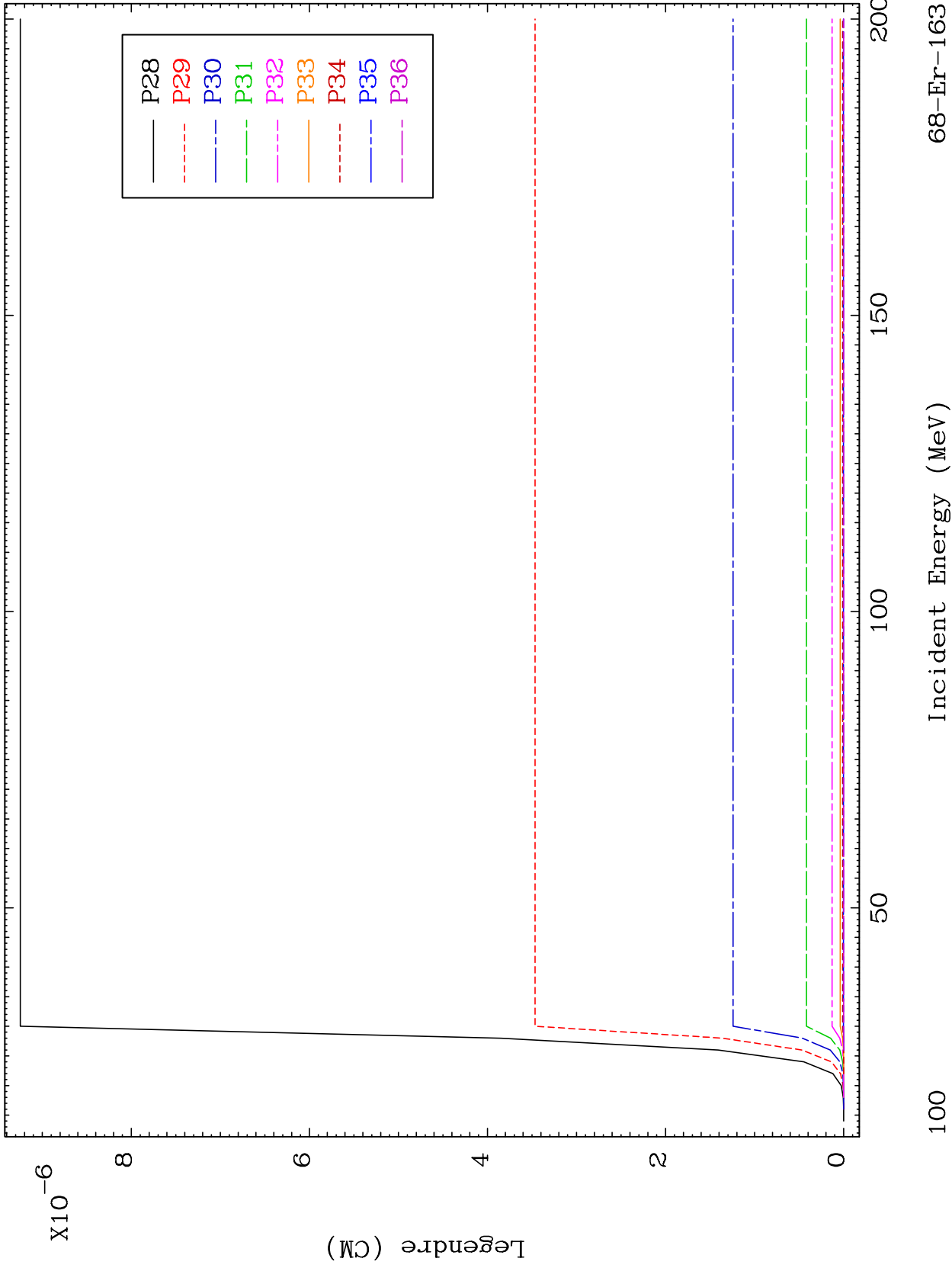
68-Er-163



MAT 6828

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

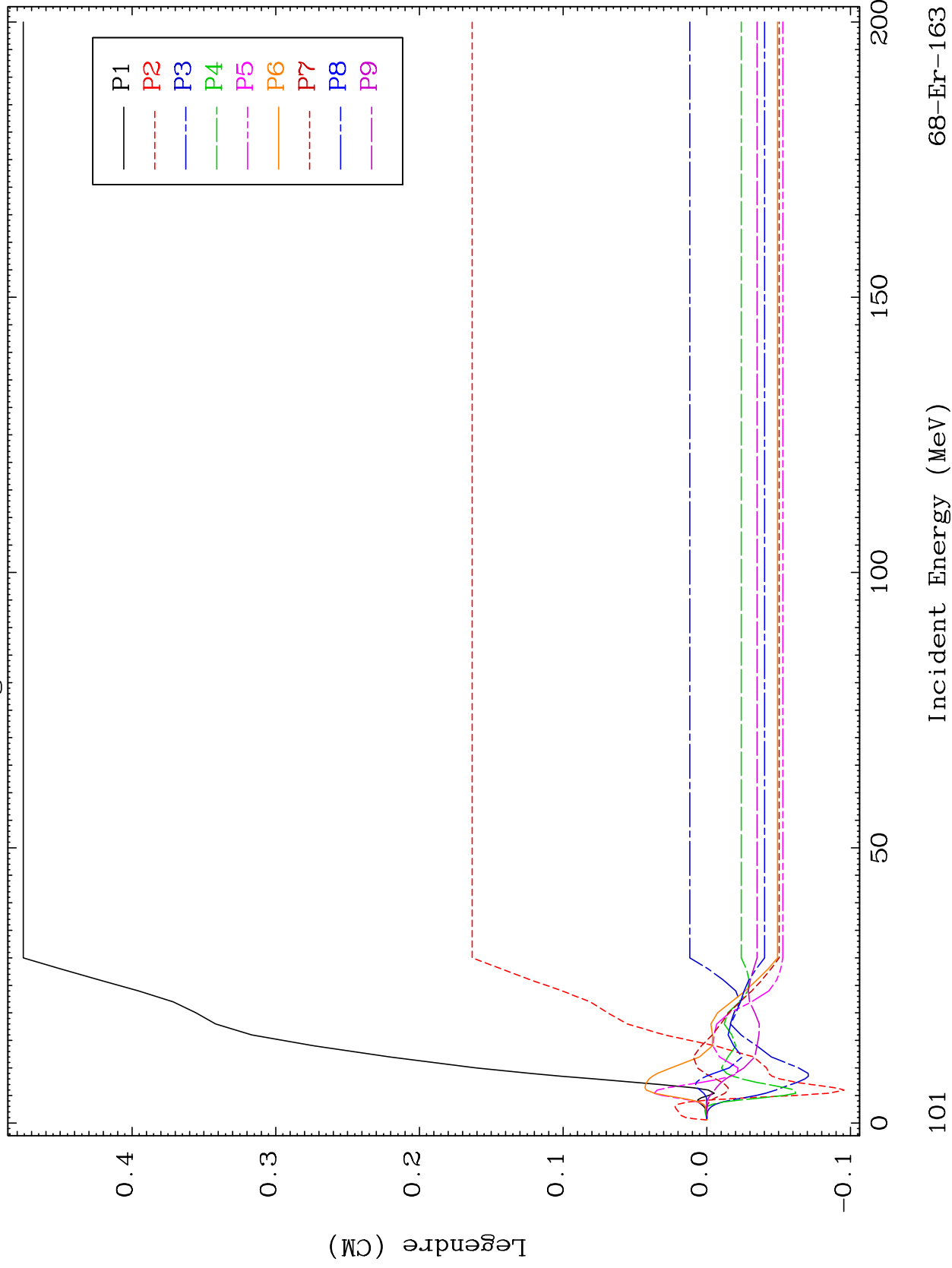
68-Er-163



MAT 6828

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

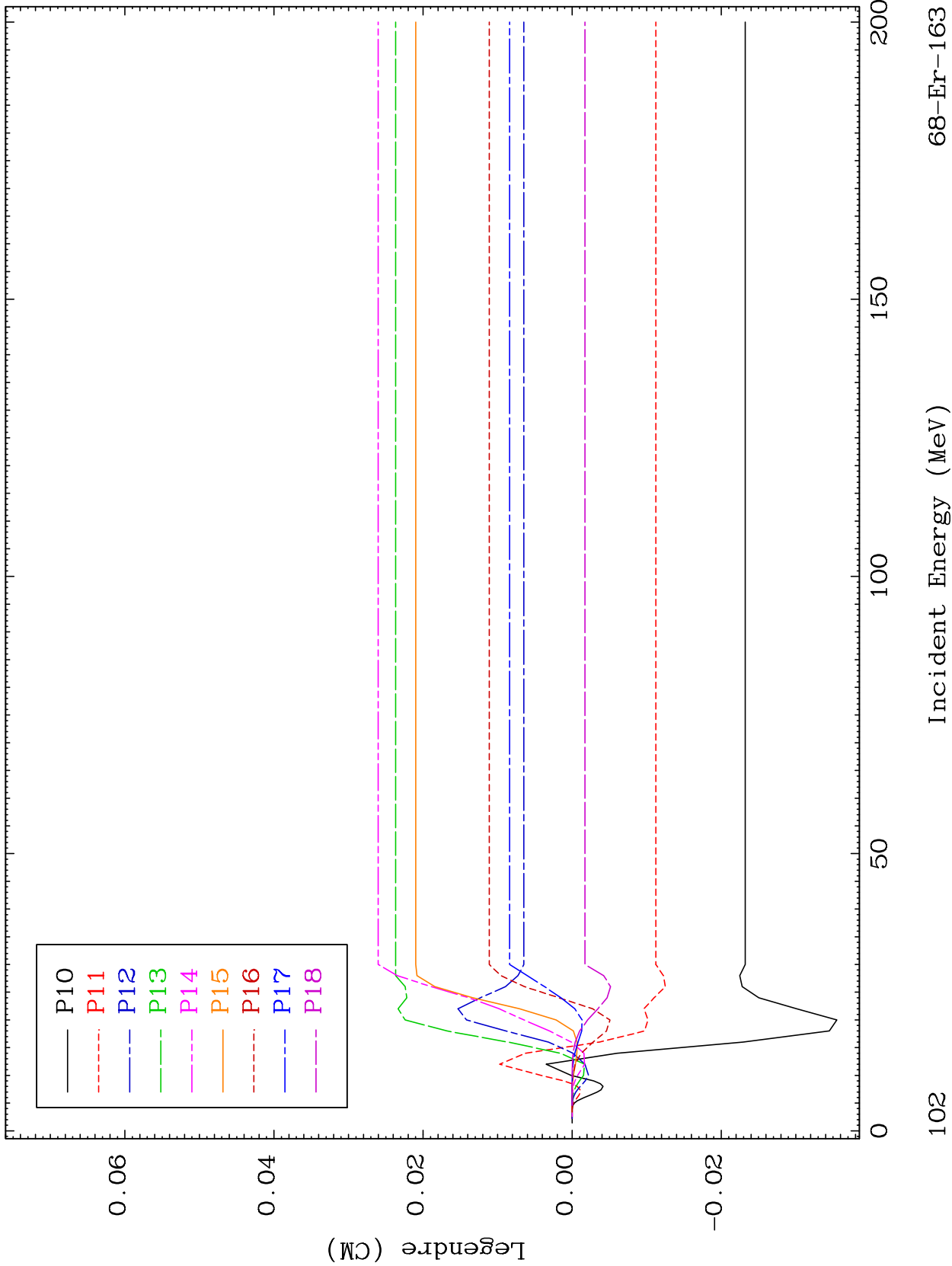
68-Er-163



68-Er-163

Incident Energy (MeV)

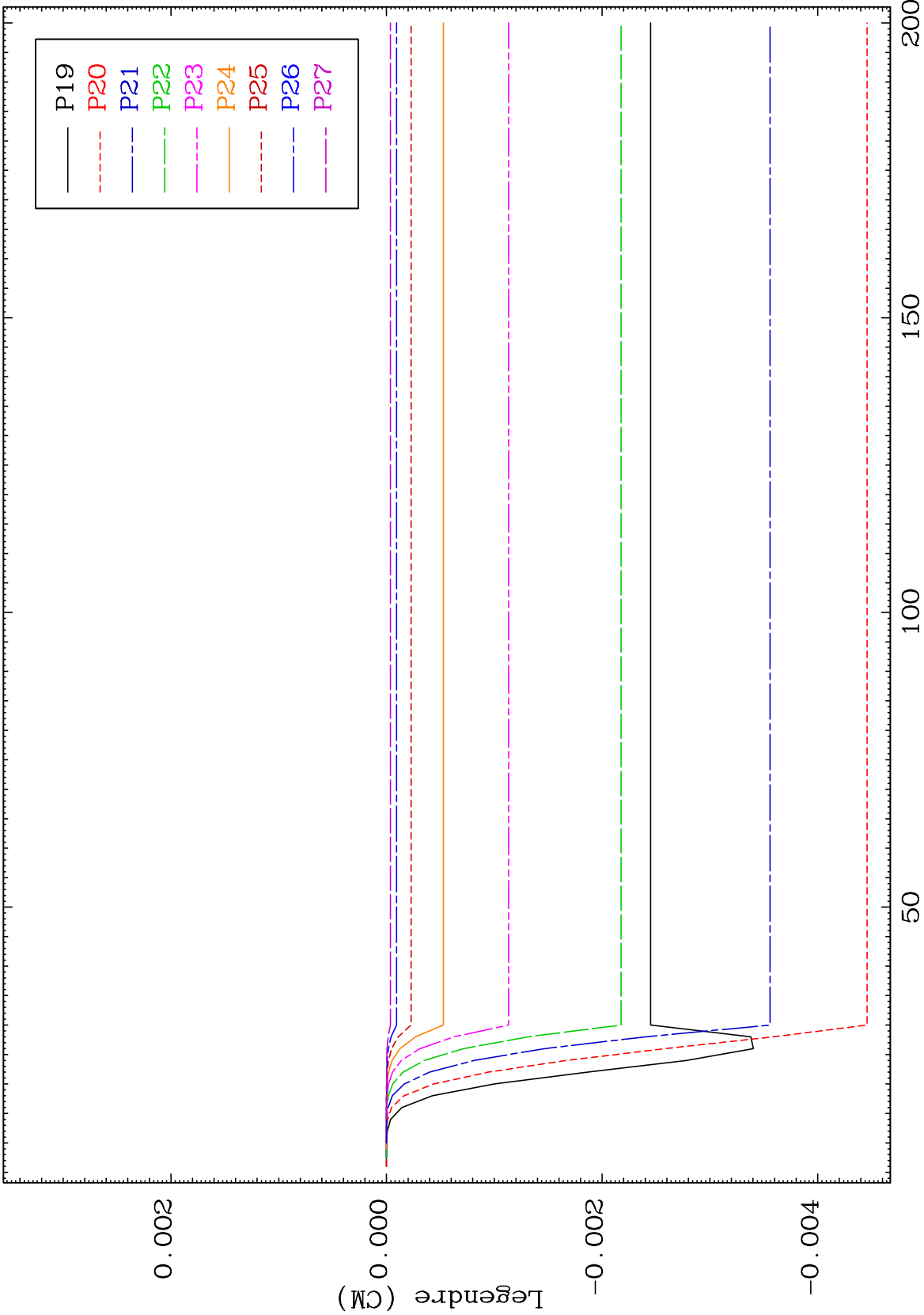
101



MAT 6828

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

68-Er-163



103

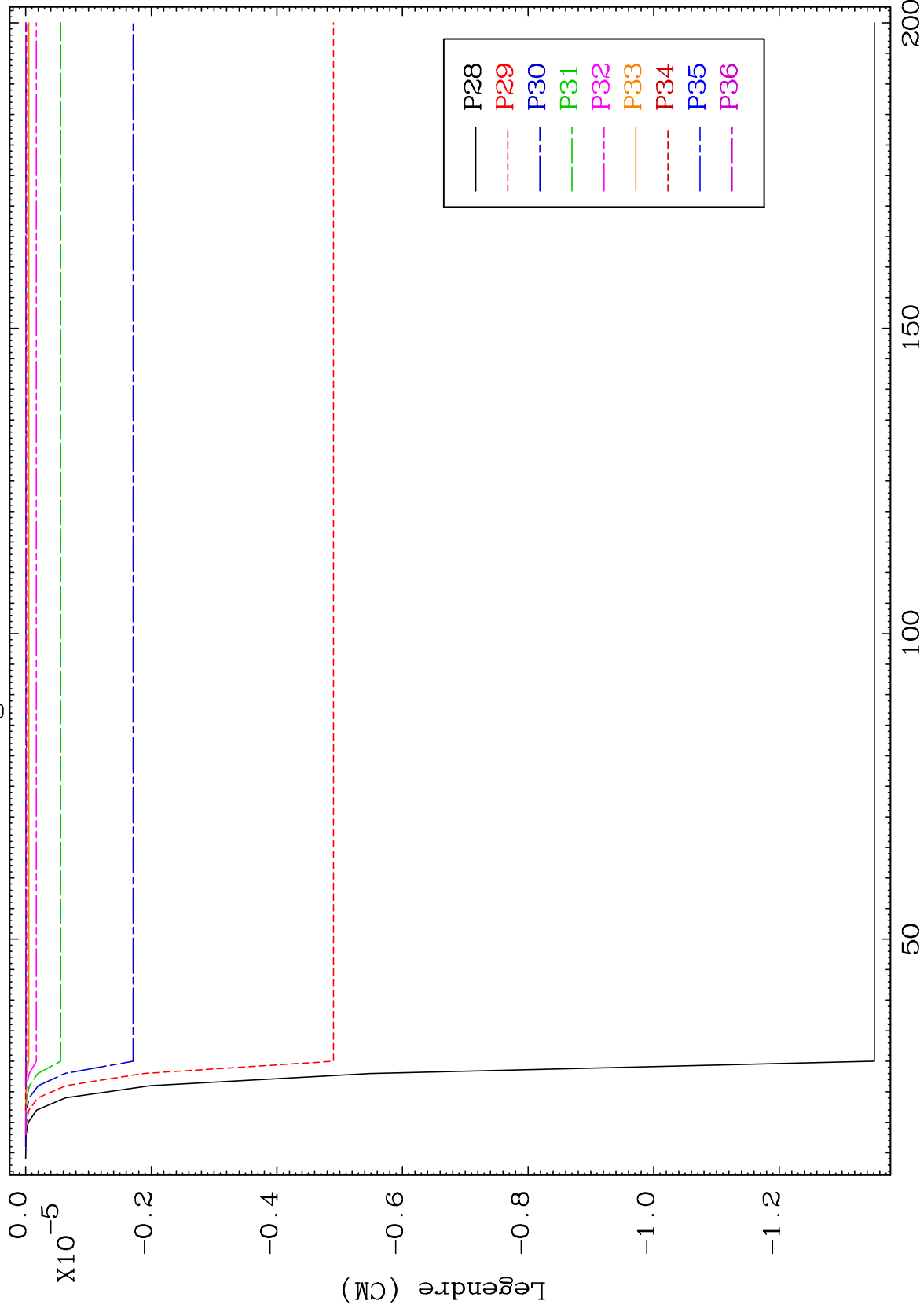
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



104

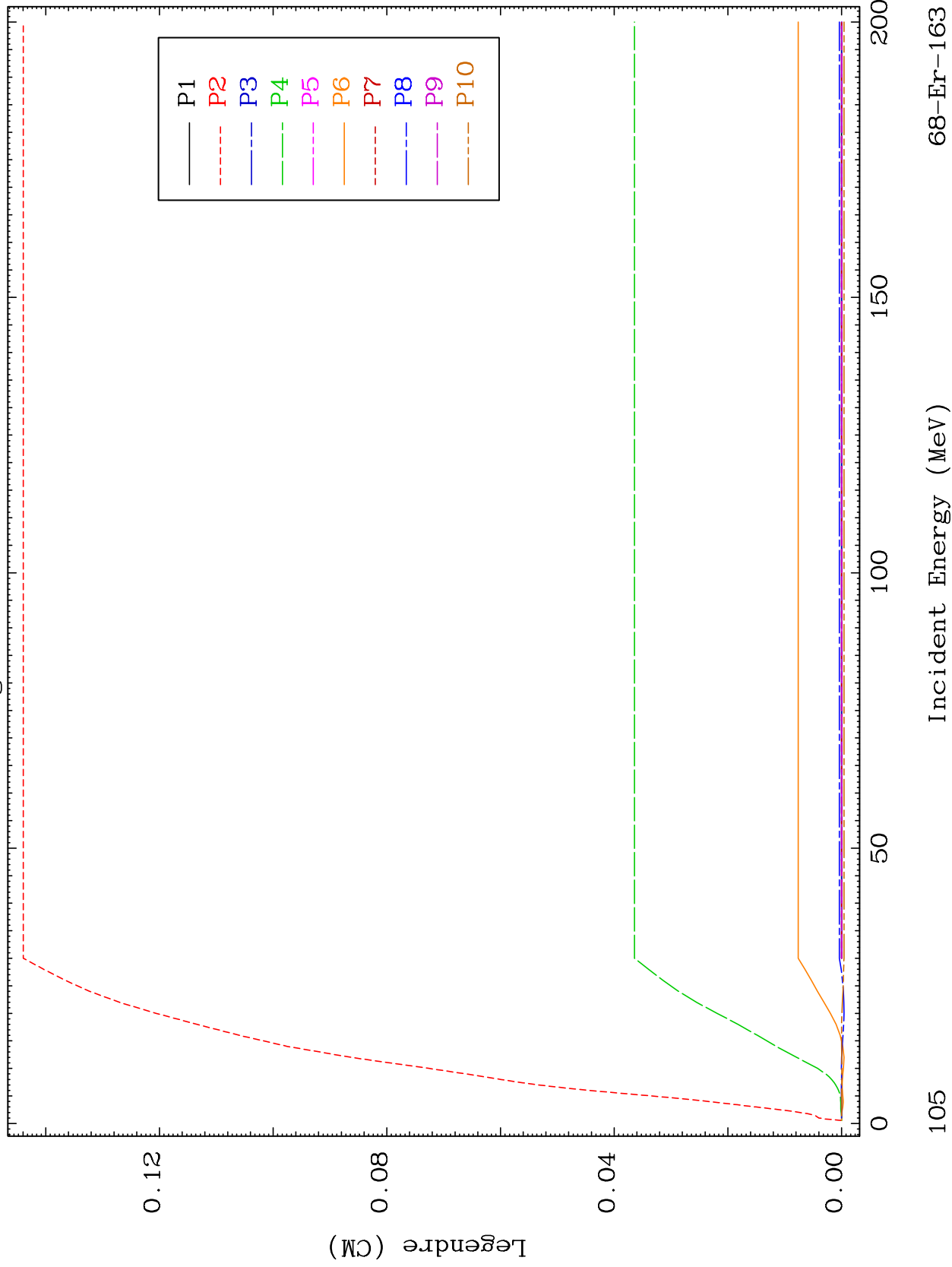
Incident Energy (MeV)

68-Er-163

MAT 6828

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

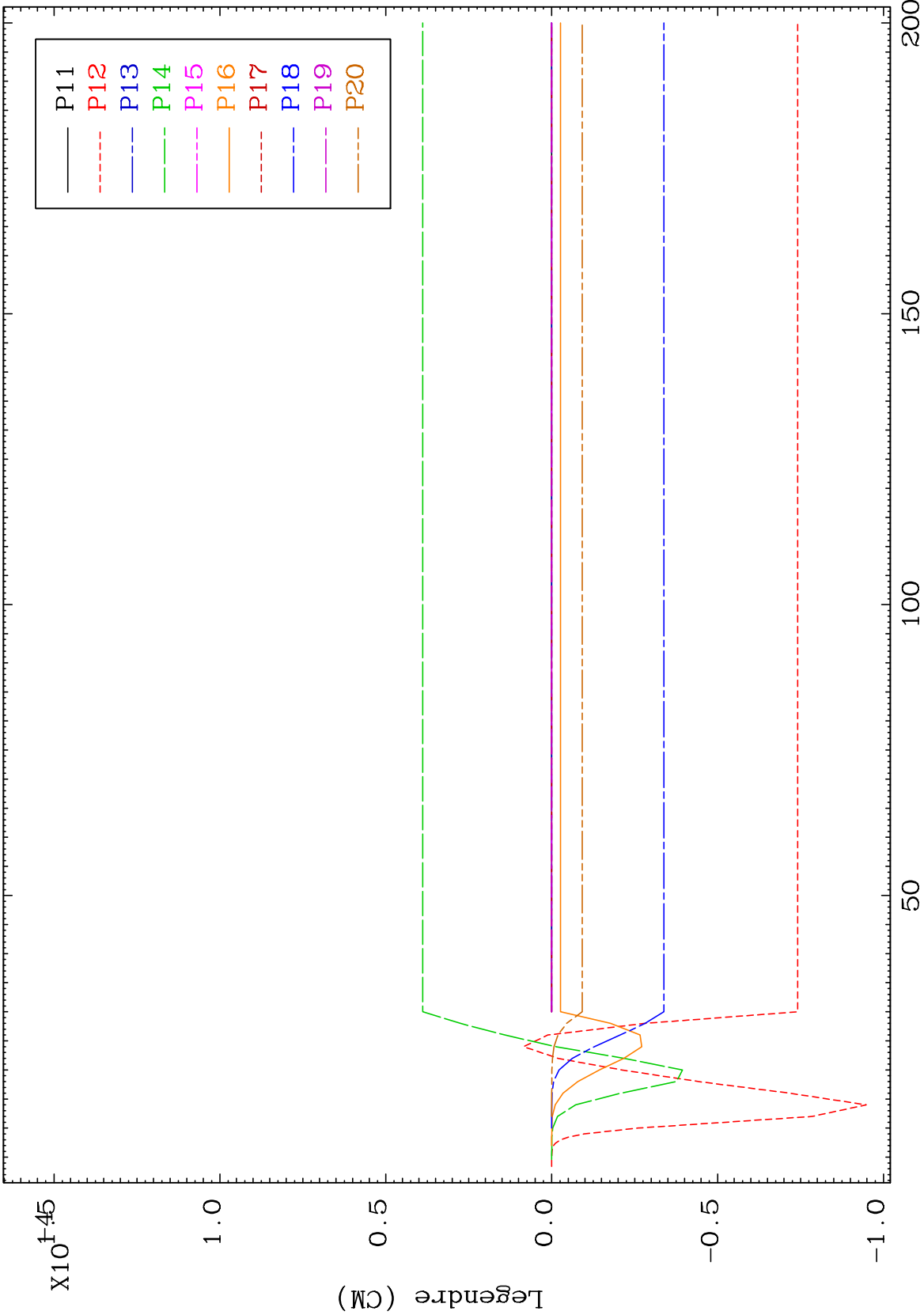
68-Er-163



MAT 6828

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

68-Er-163



106

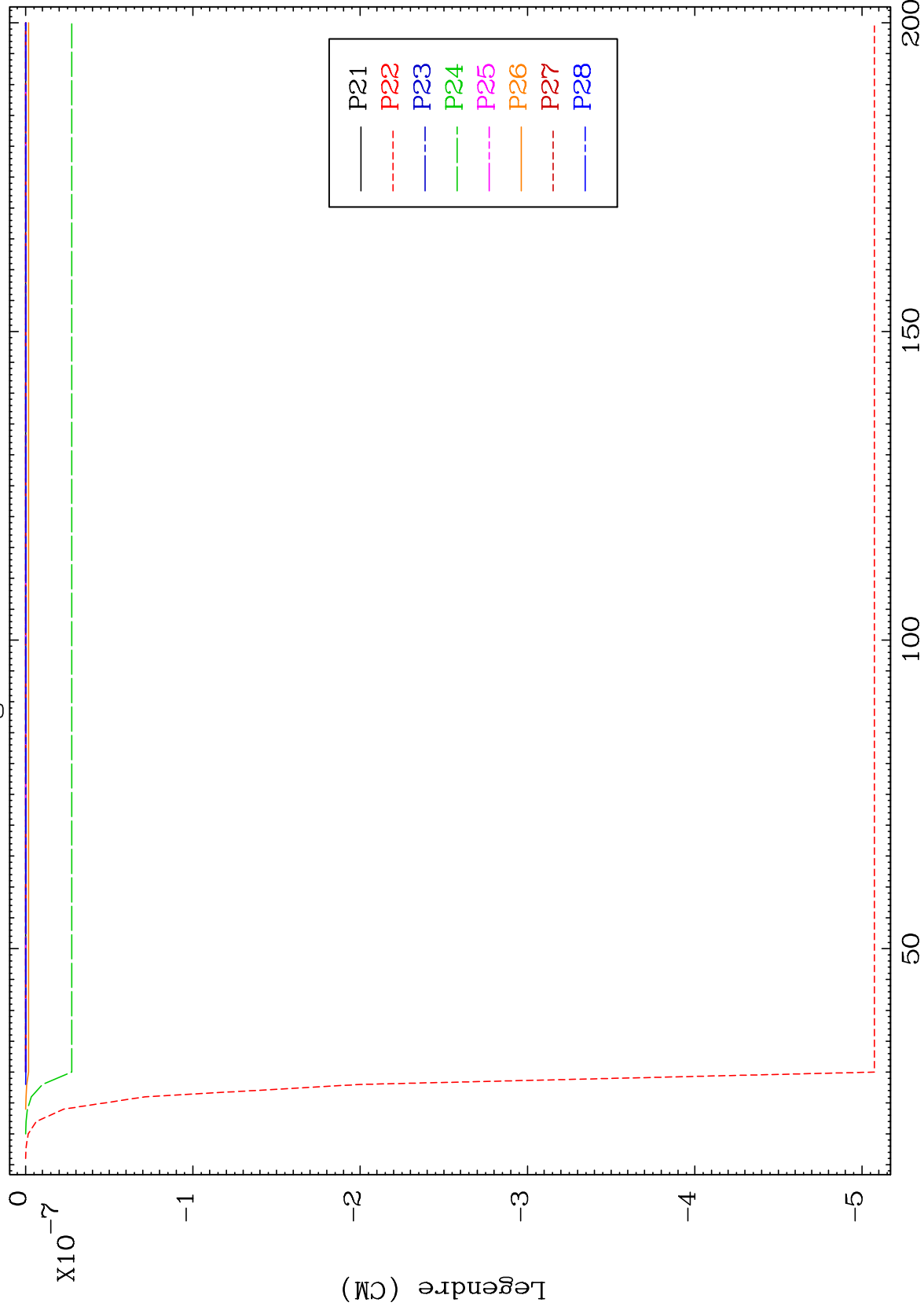
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

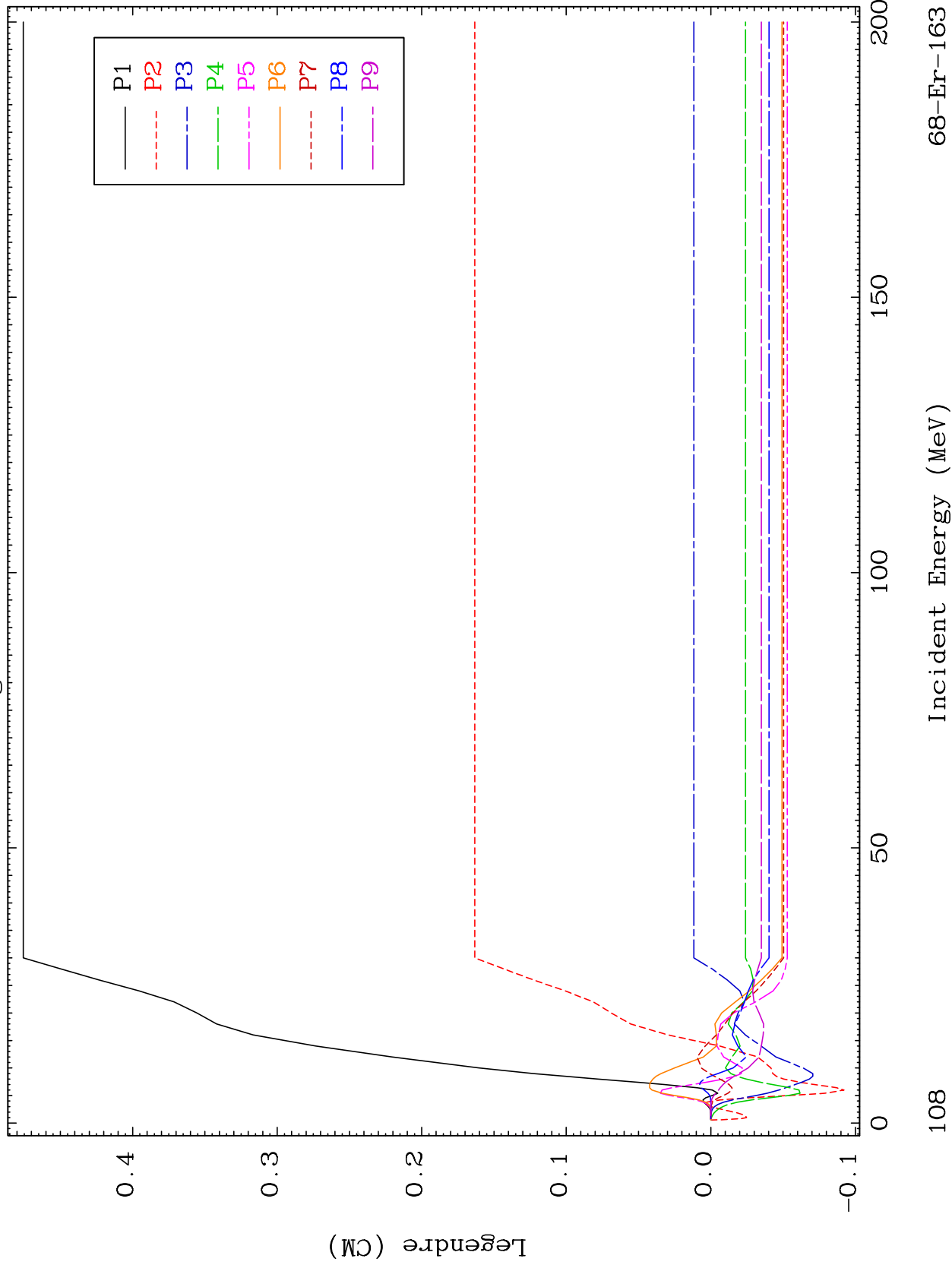
Incident Energy (MeV)

107

MAT 6828

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

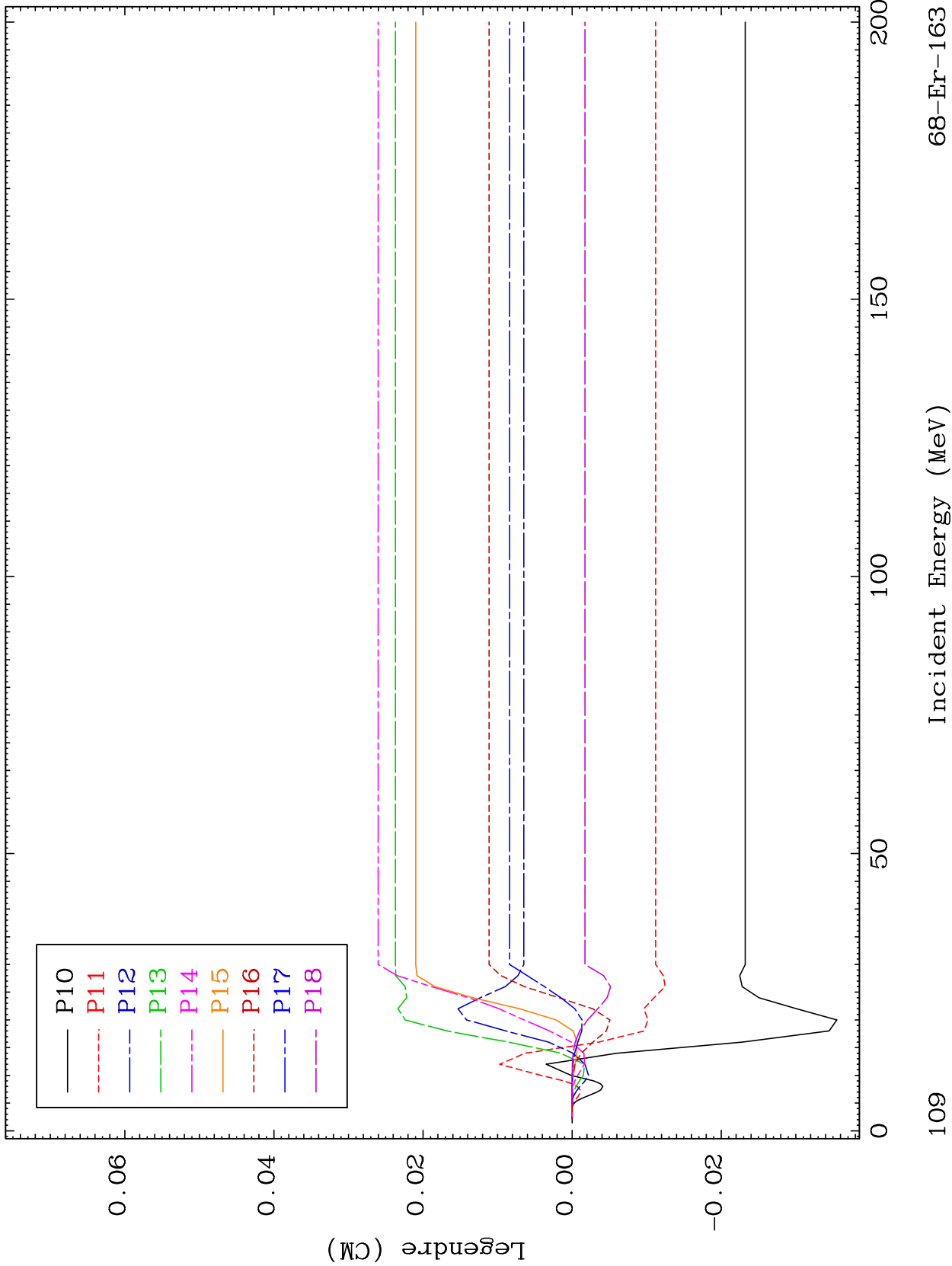
68-Er-163



68-Er-163

Incident Energy (MeV)

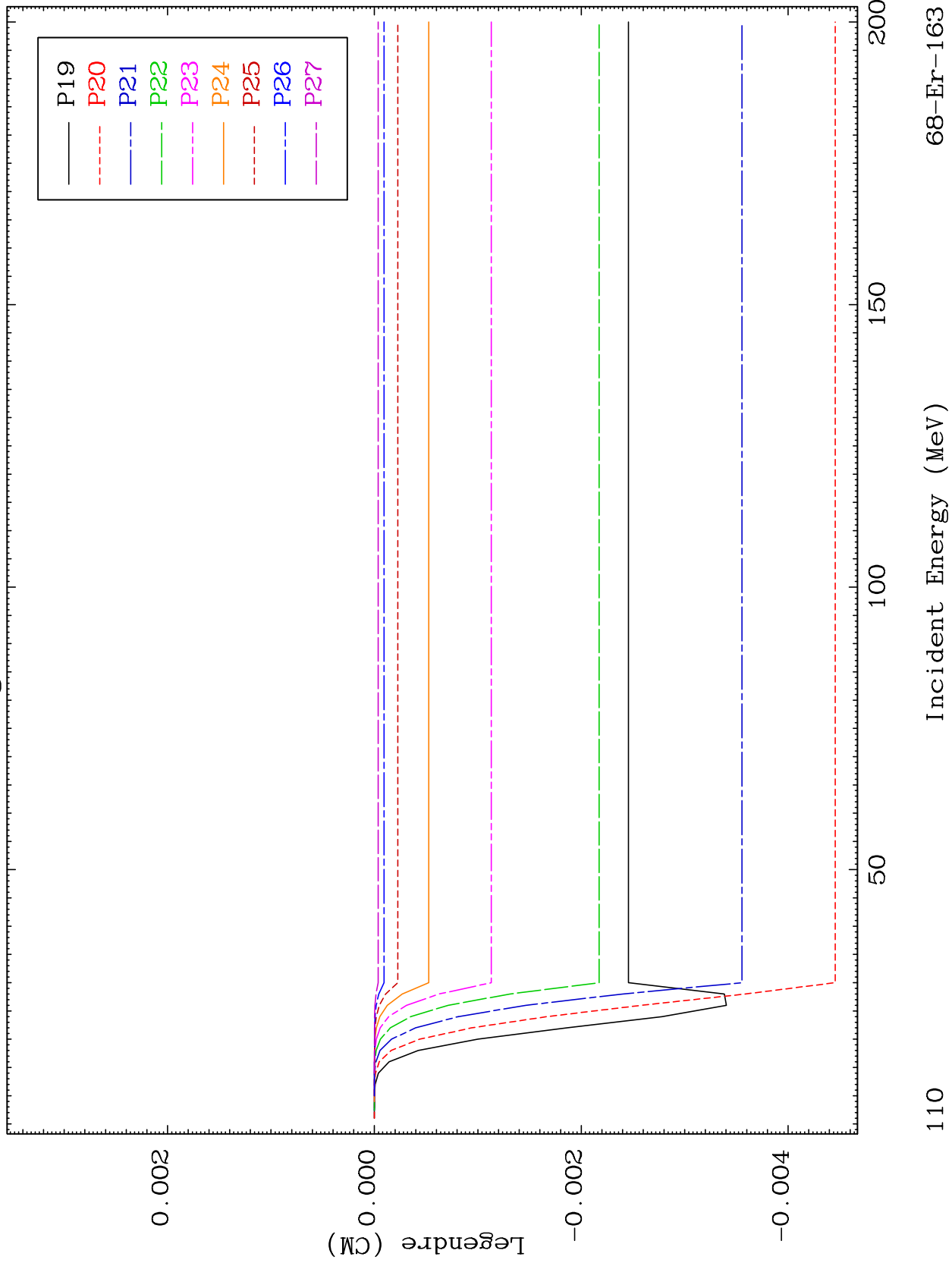
108



MAT 6828

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

68-Er-163



110

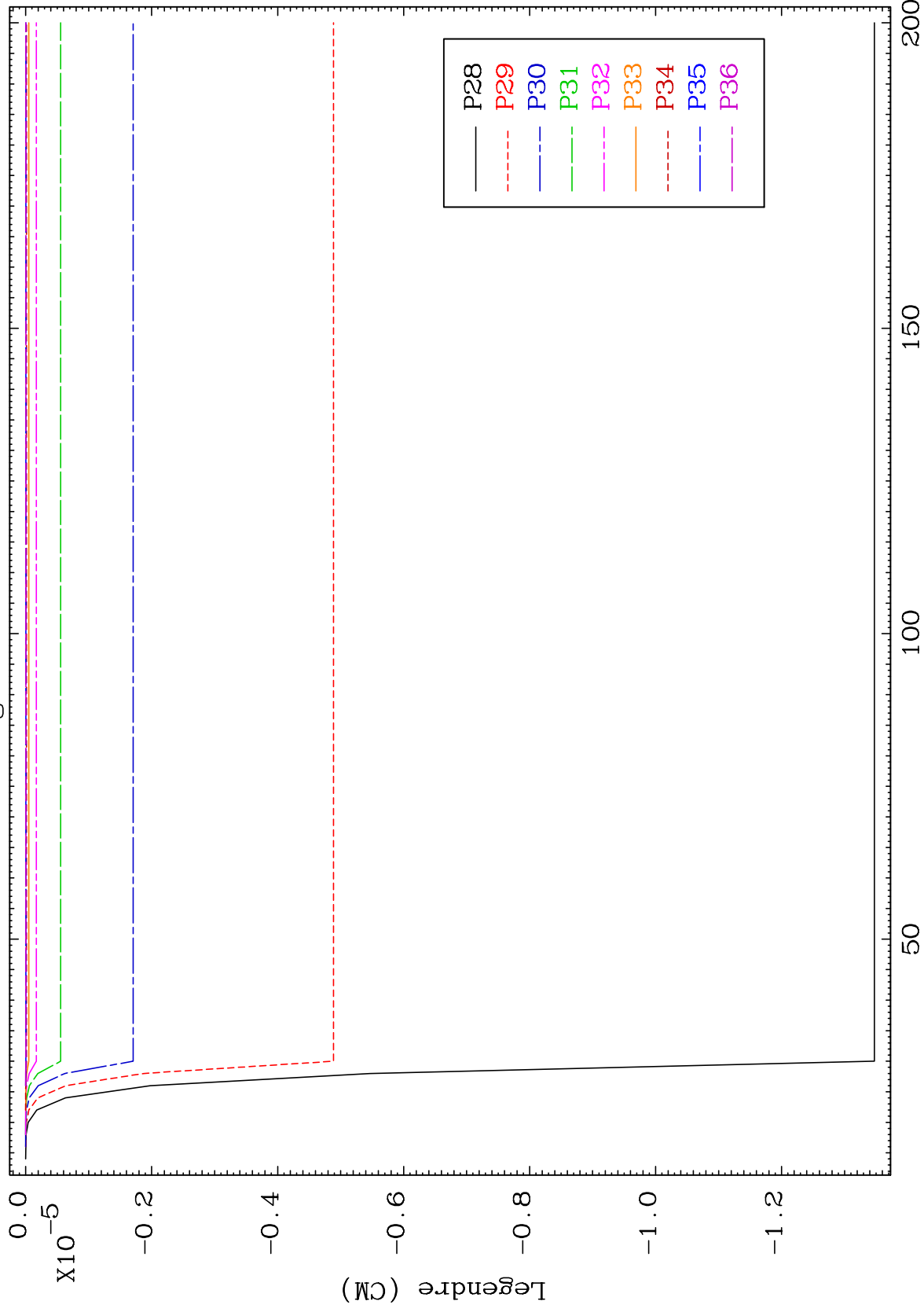
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



111

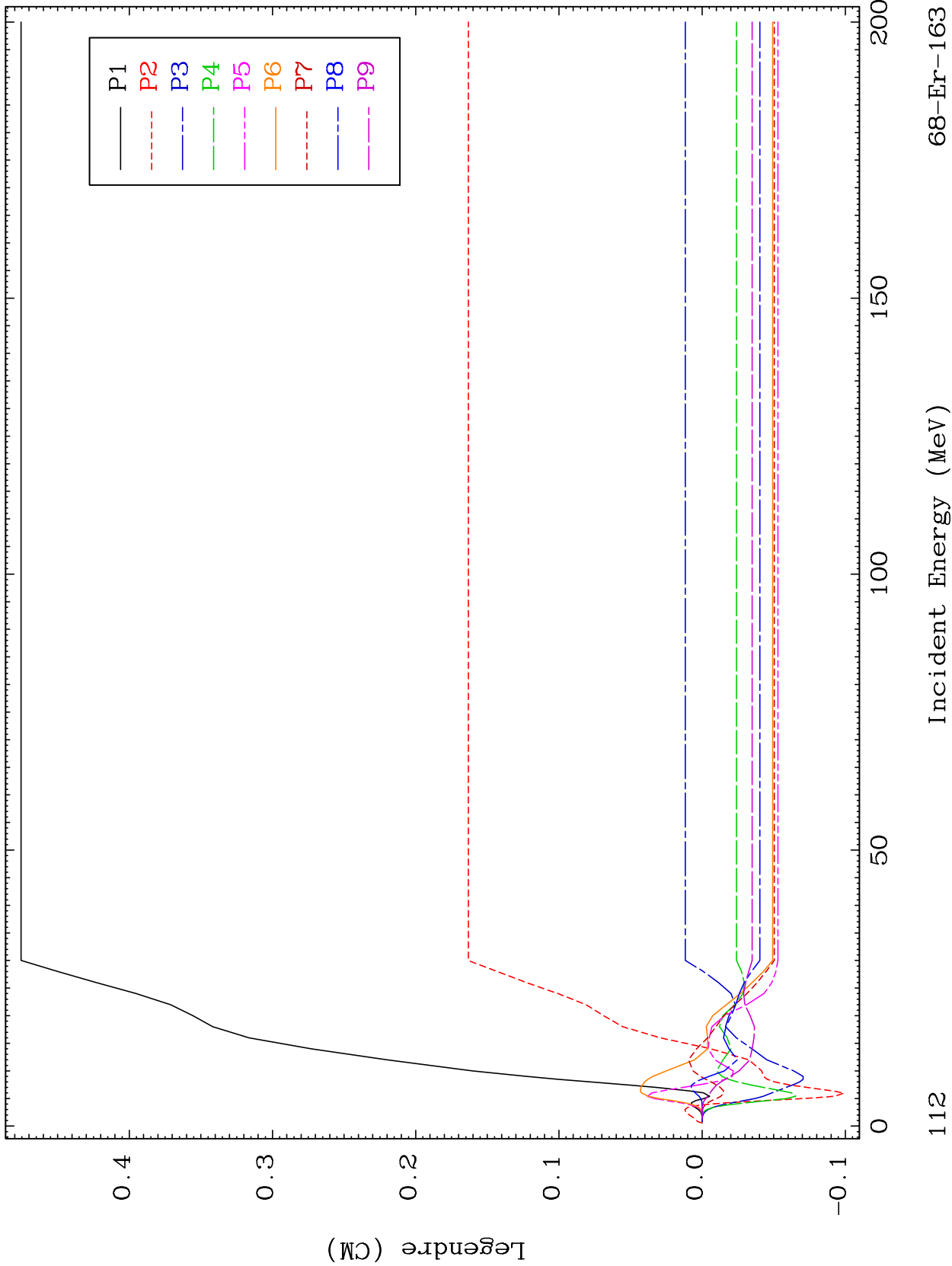
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

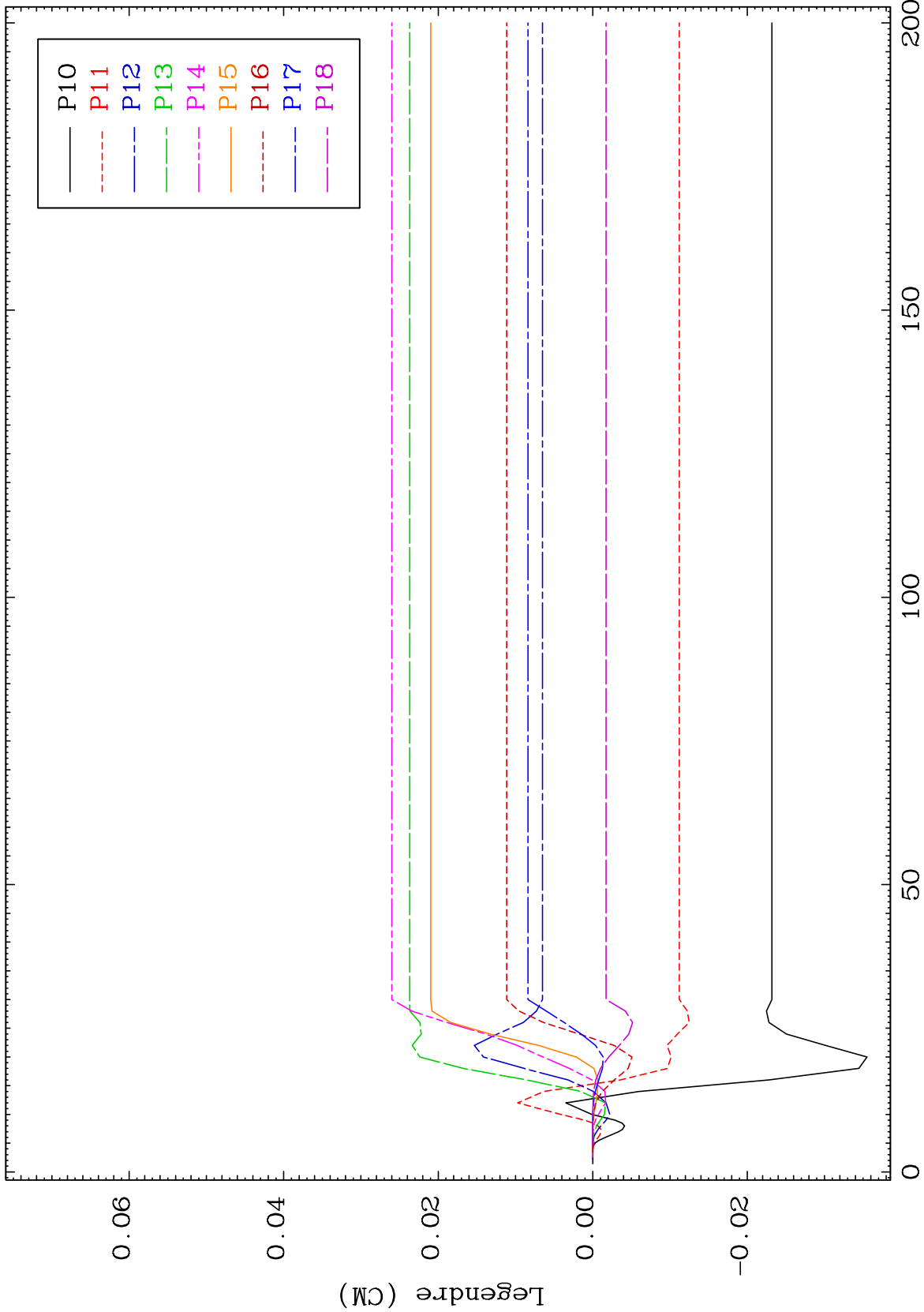
Incident Energy (MeV)

112

MAT 6828

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

68-Er-163



113

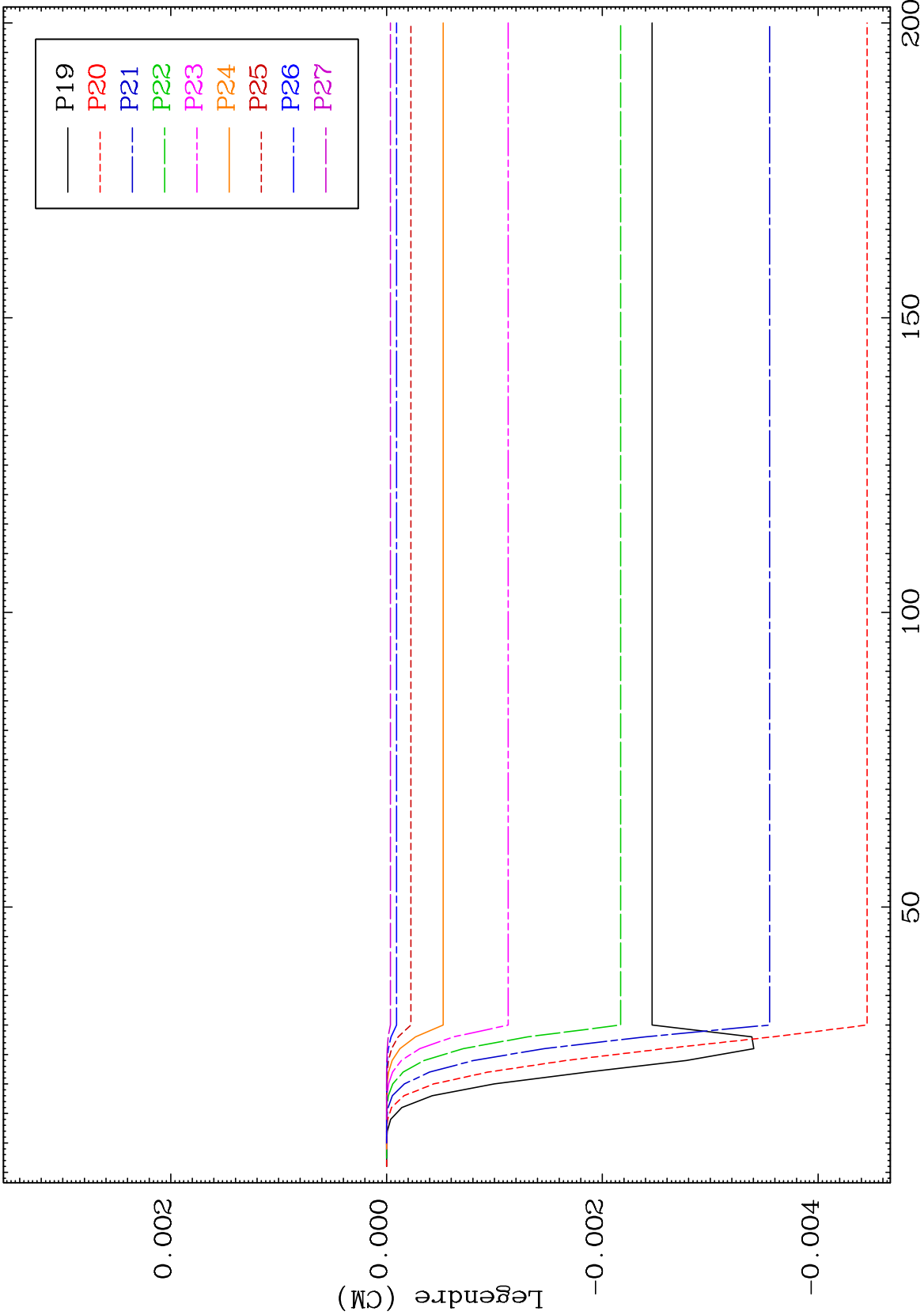
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



114

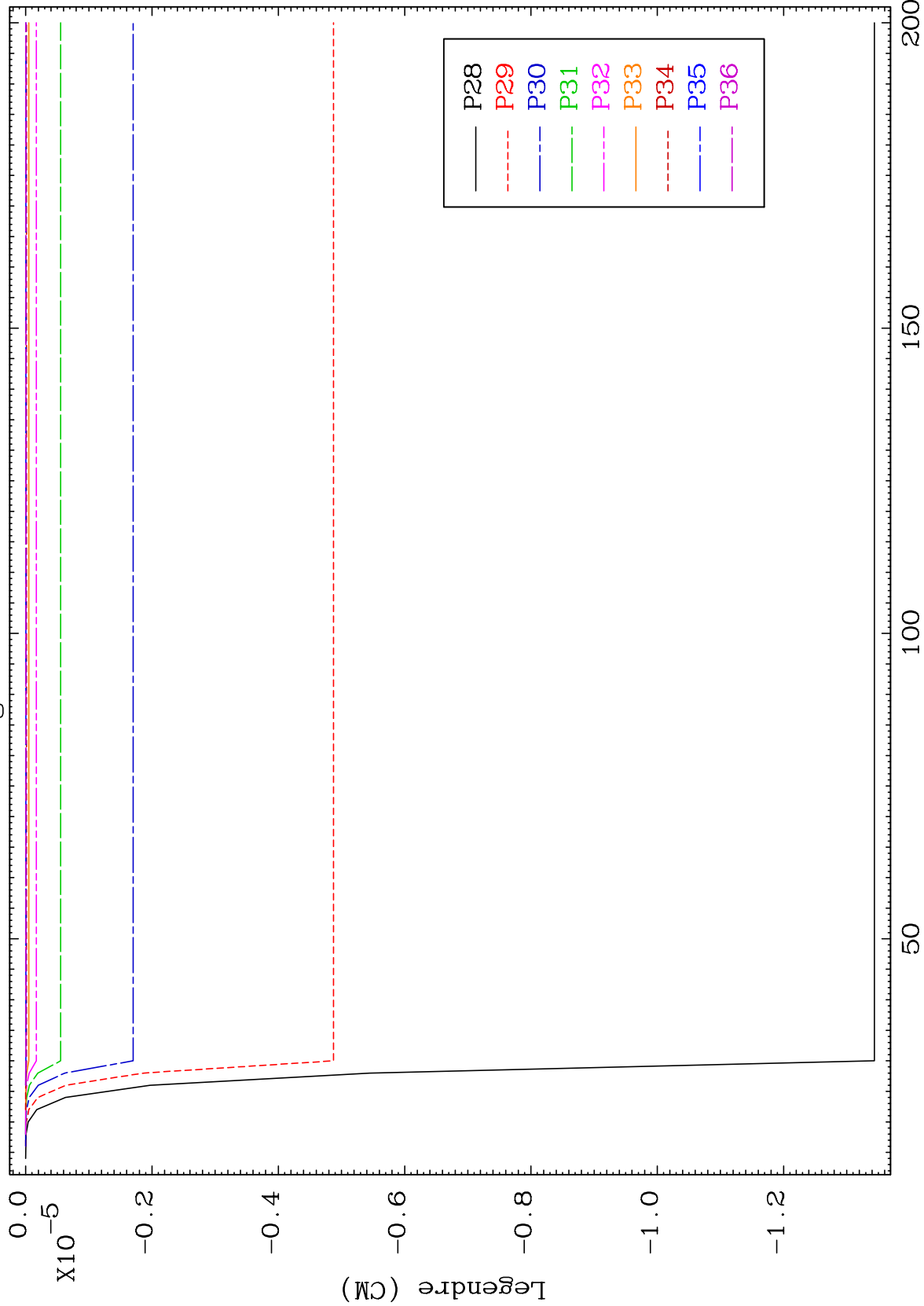
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

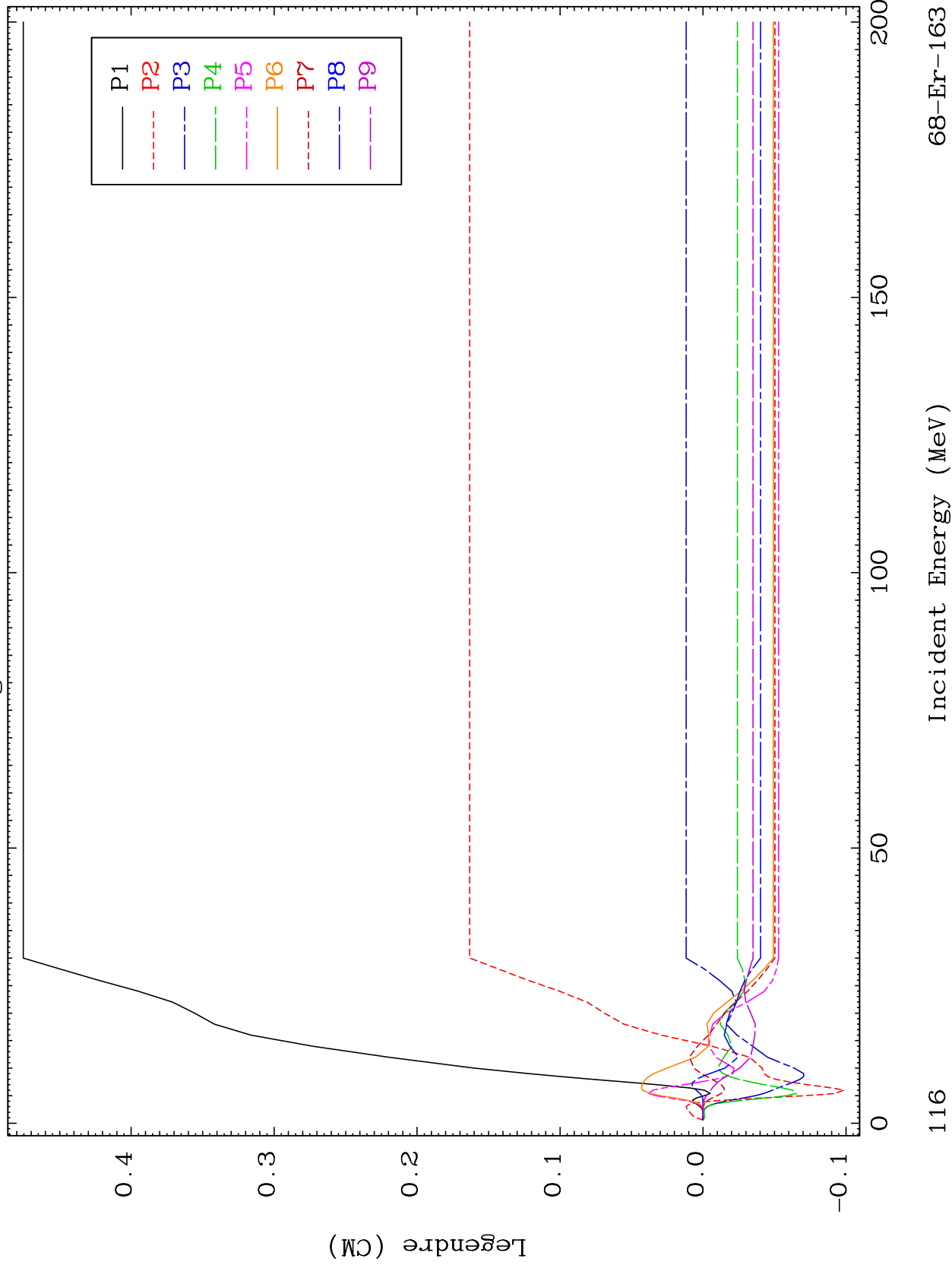
Incident Energy (MeV)

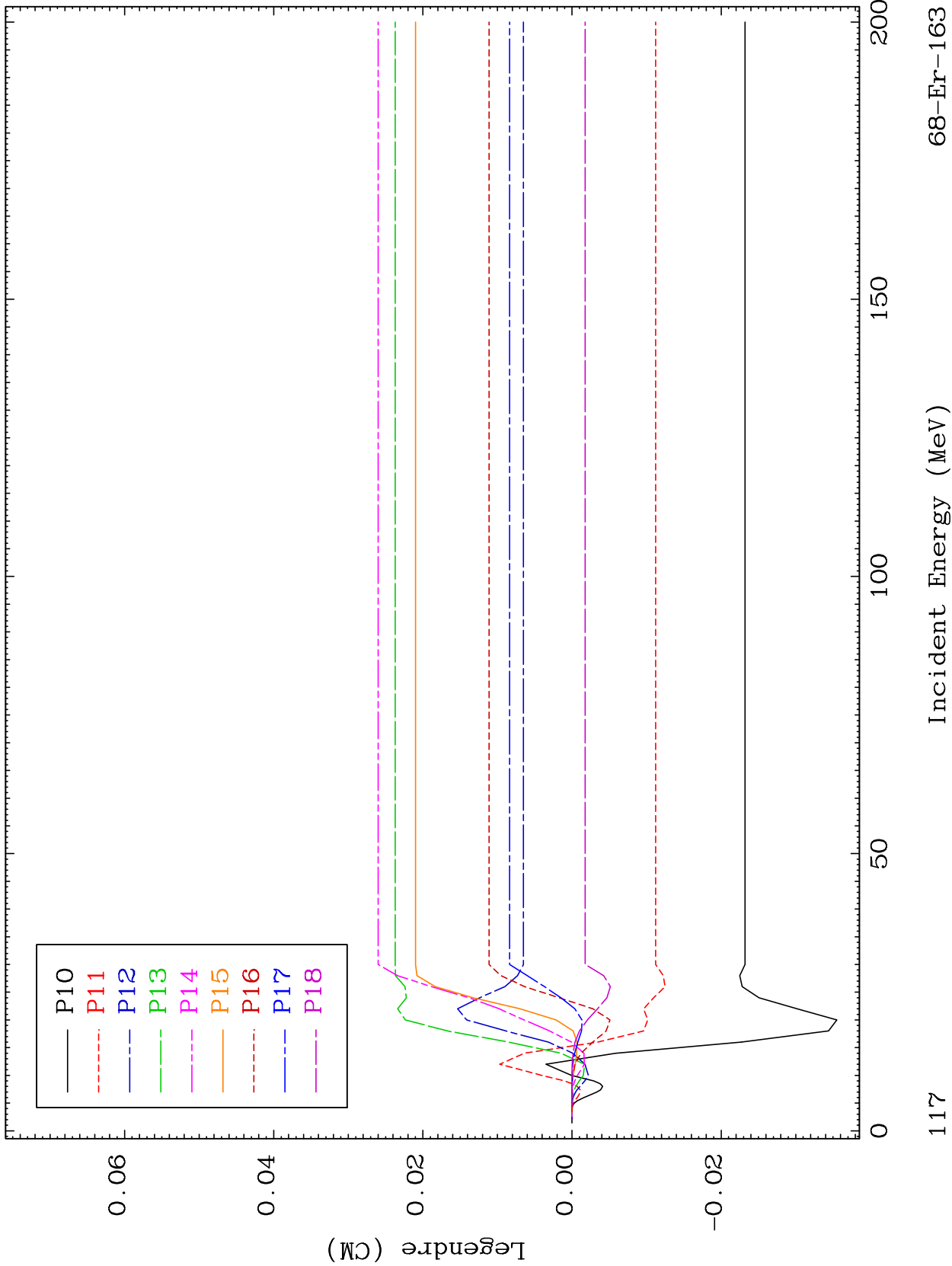
115

MAT 6828

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

68-Er-163

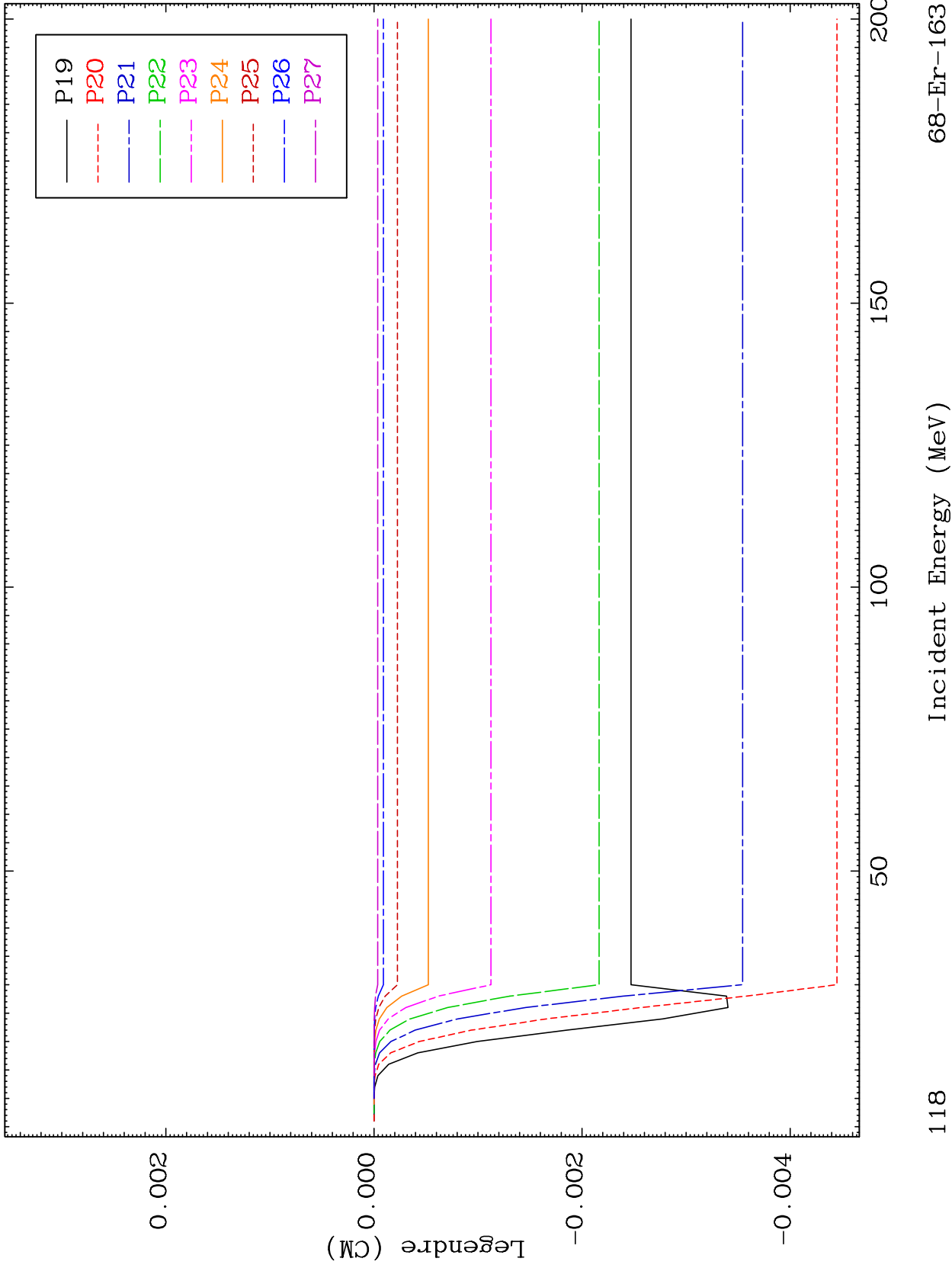




MAT 6828

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

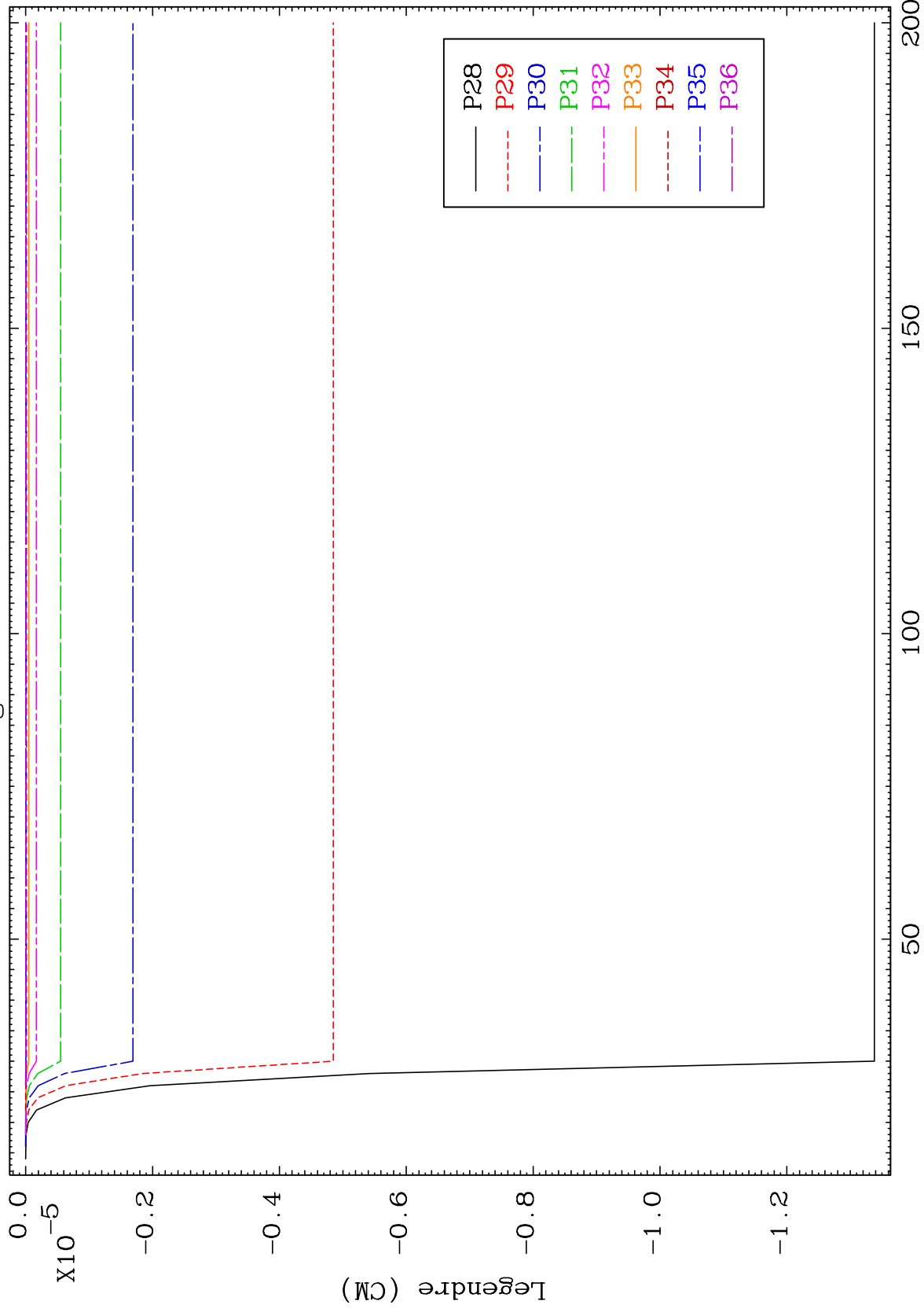
68-Er-163



MAT 6828

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

68-Er-163



119

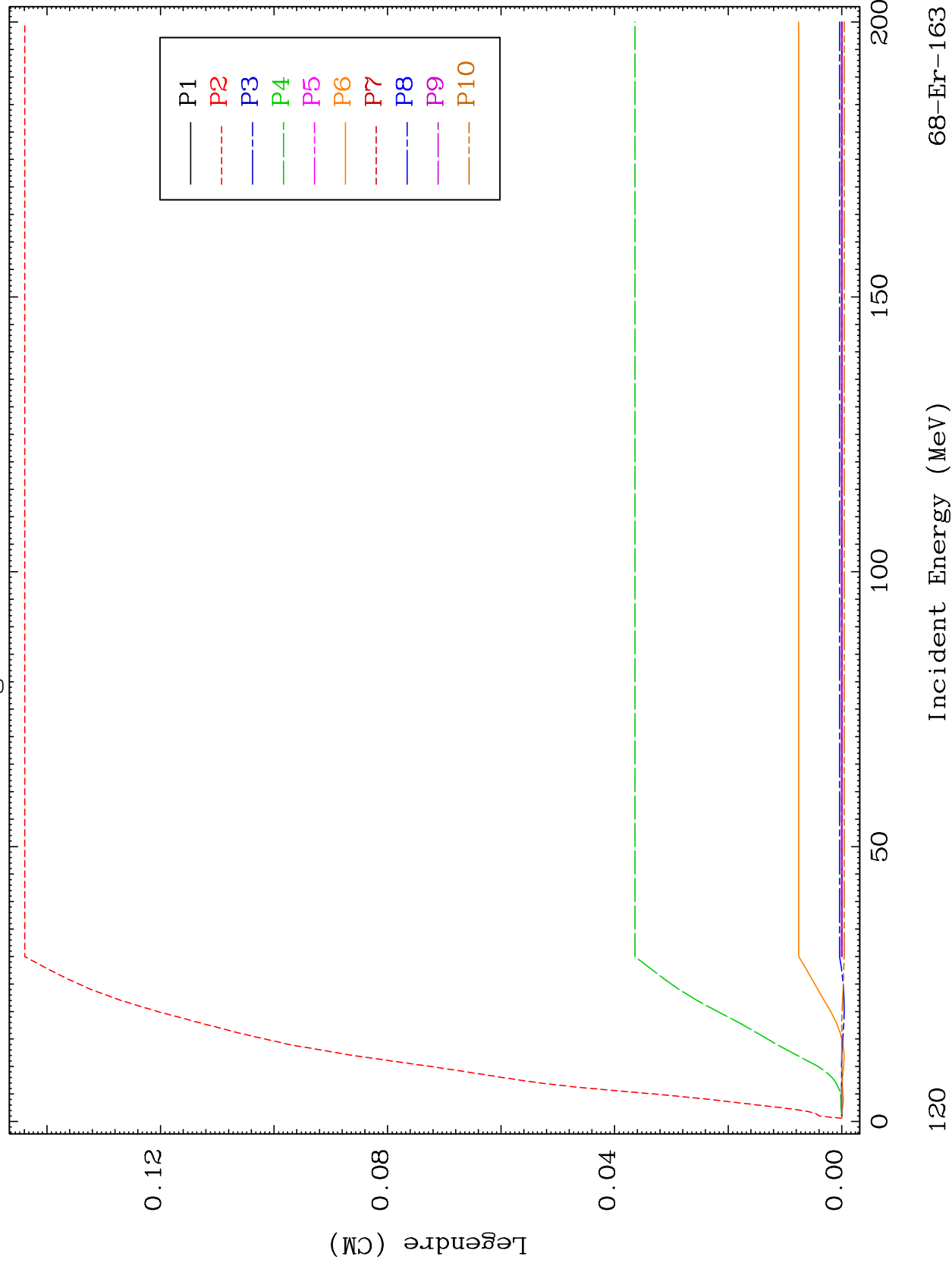
Incident Energy (MeV)

68-Er-163

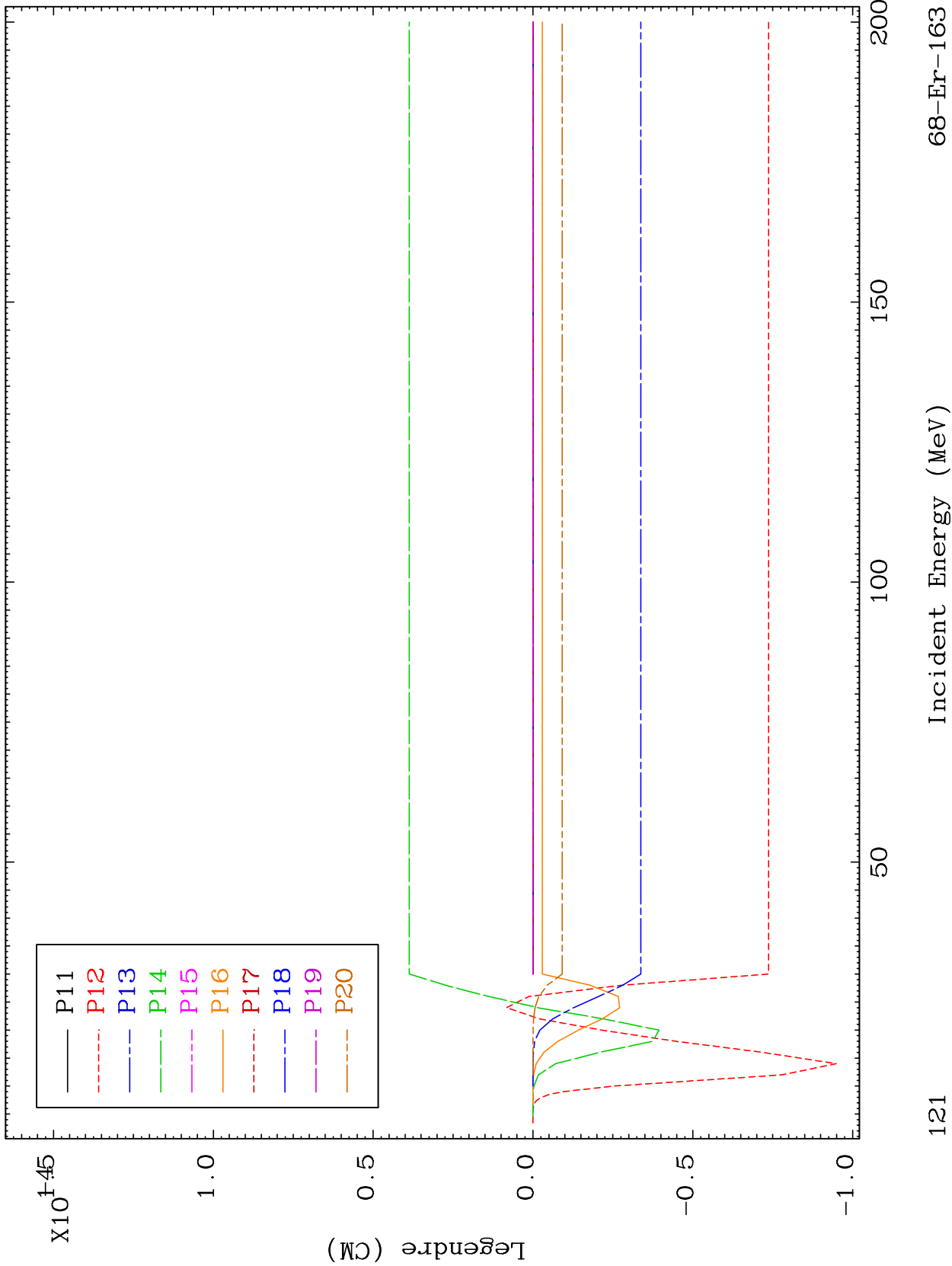
MAT 6828

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

68-Er-163



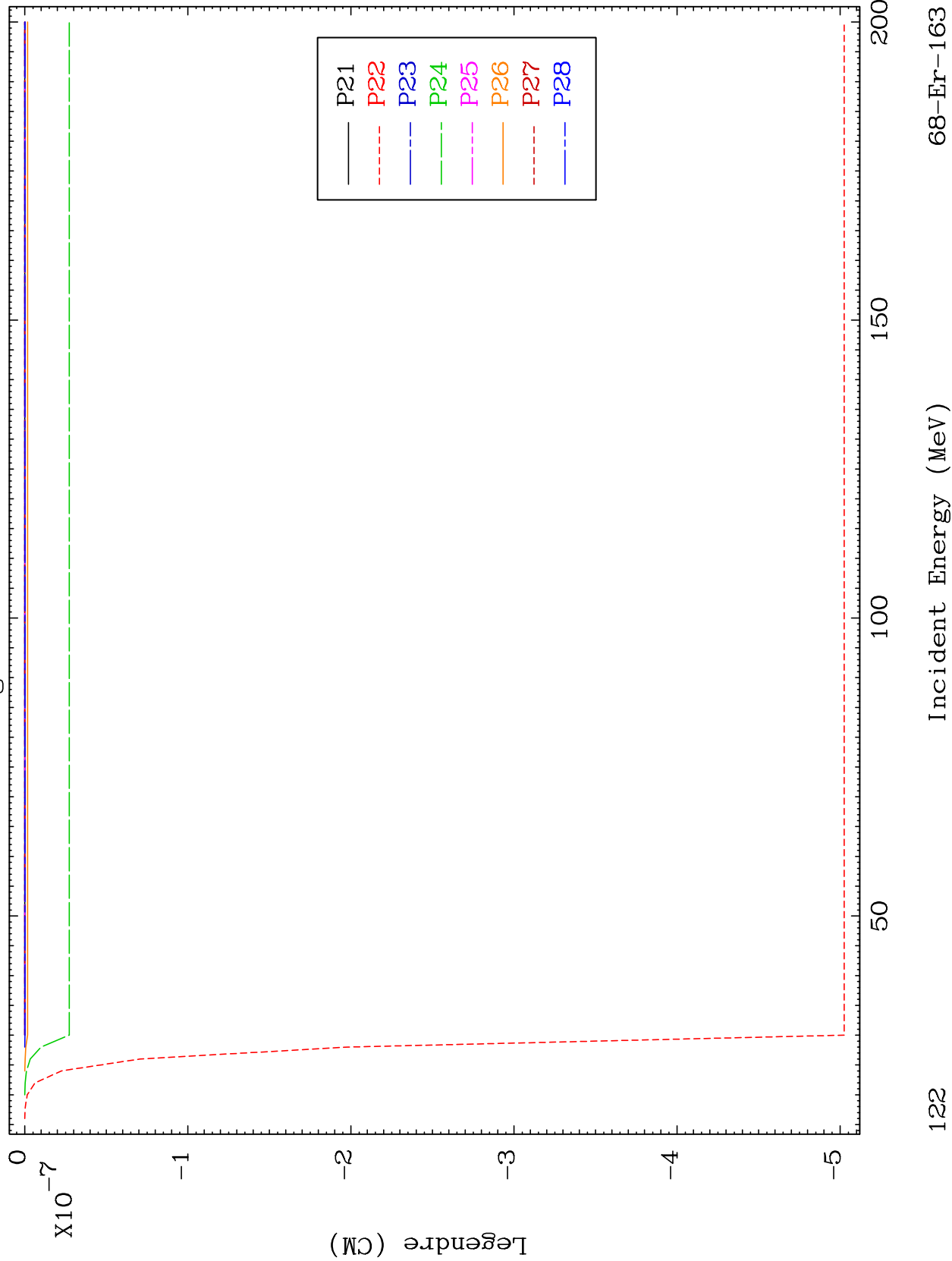
68-Er-163



MAT 6828

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

68-Er-163



122

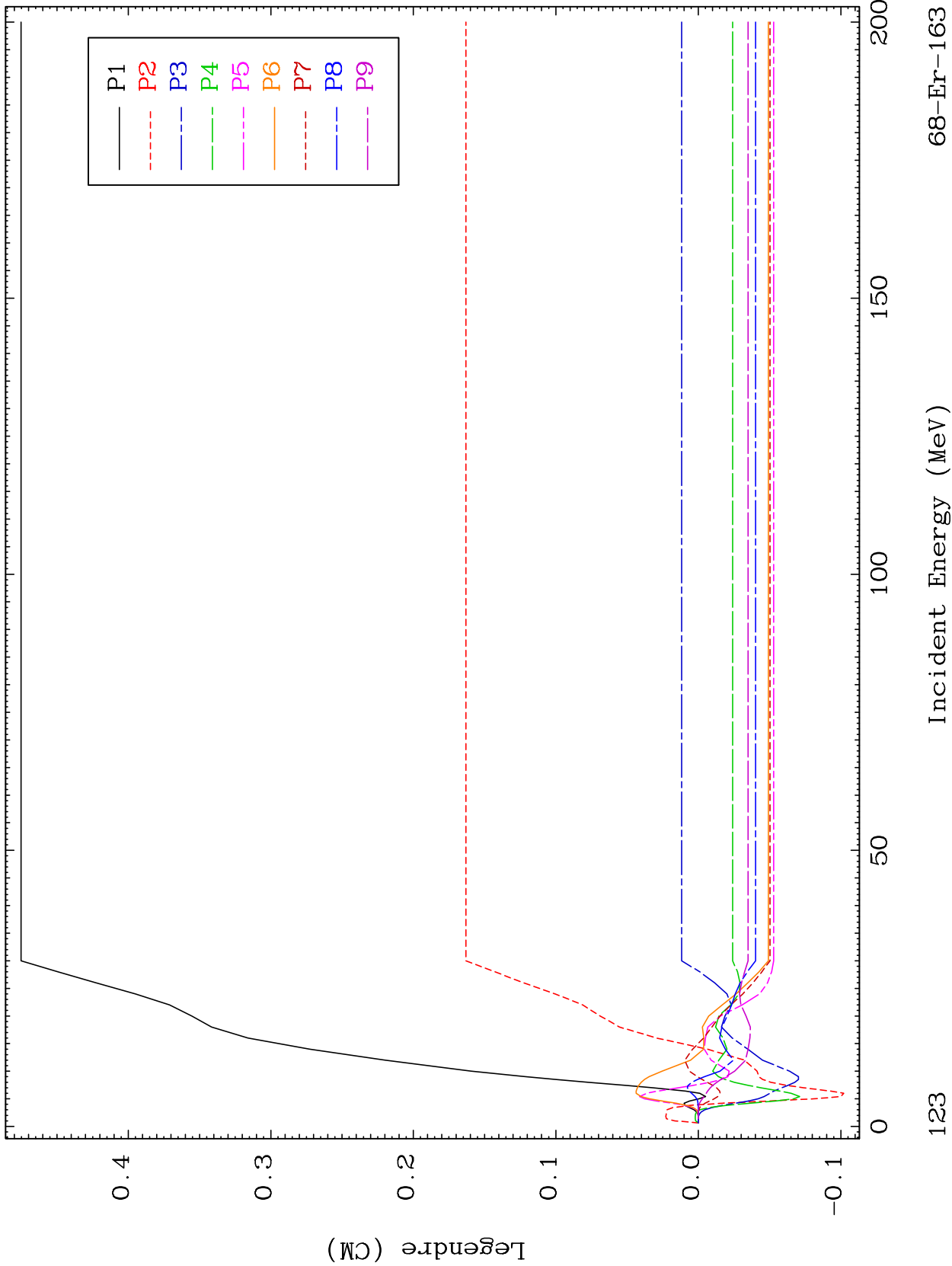
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

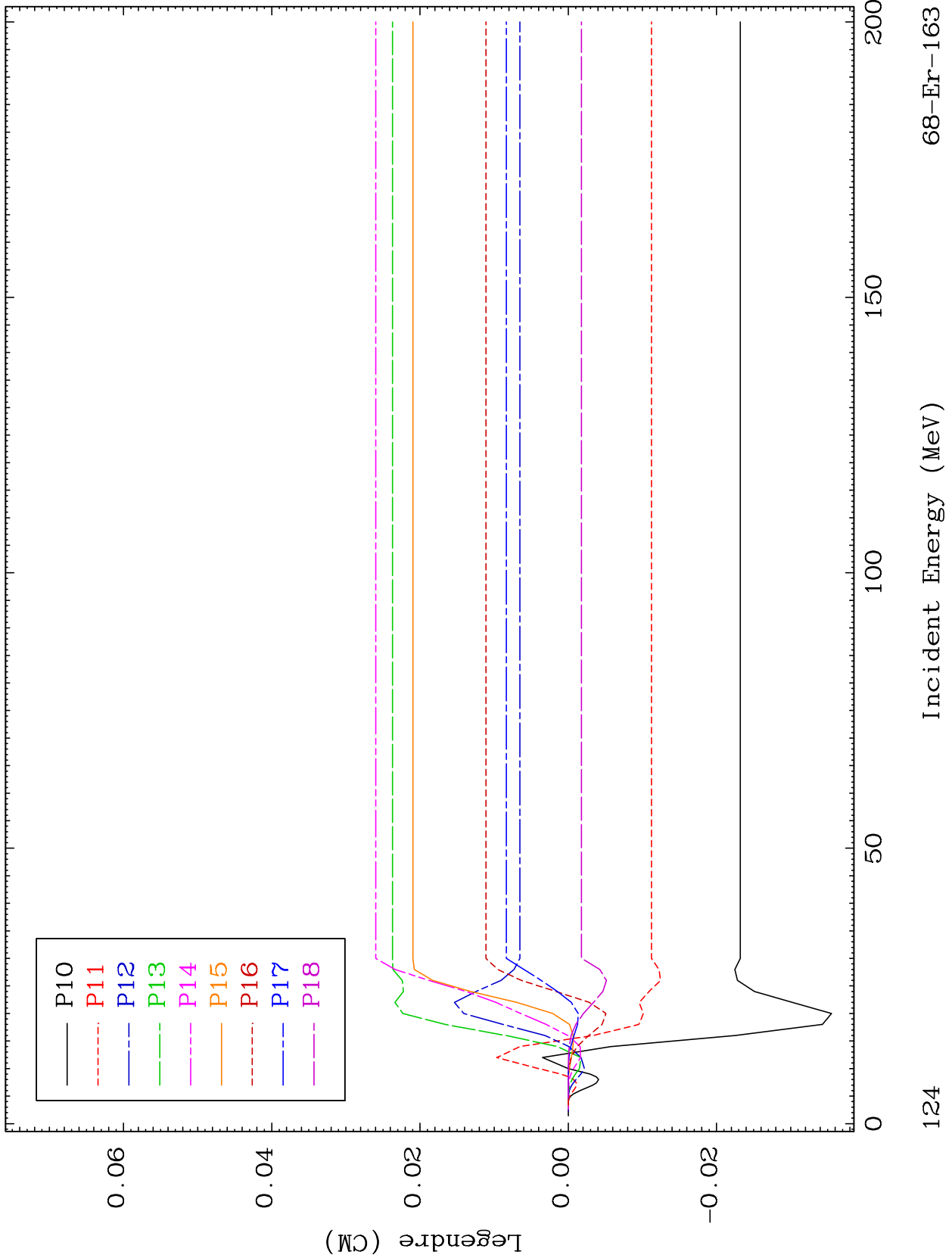
Incident Energy (MeV)

123

MAT 6828

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

68-Er-163



68-Er-163

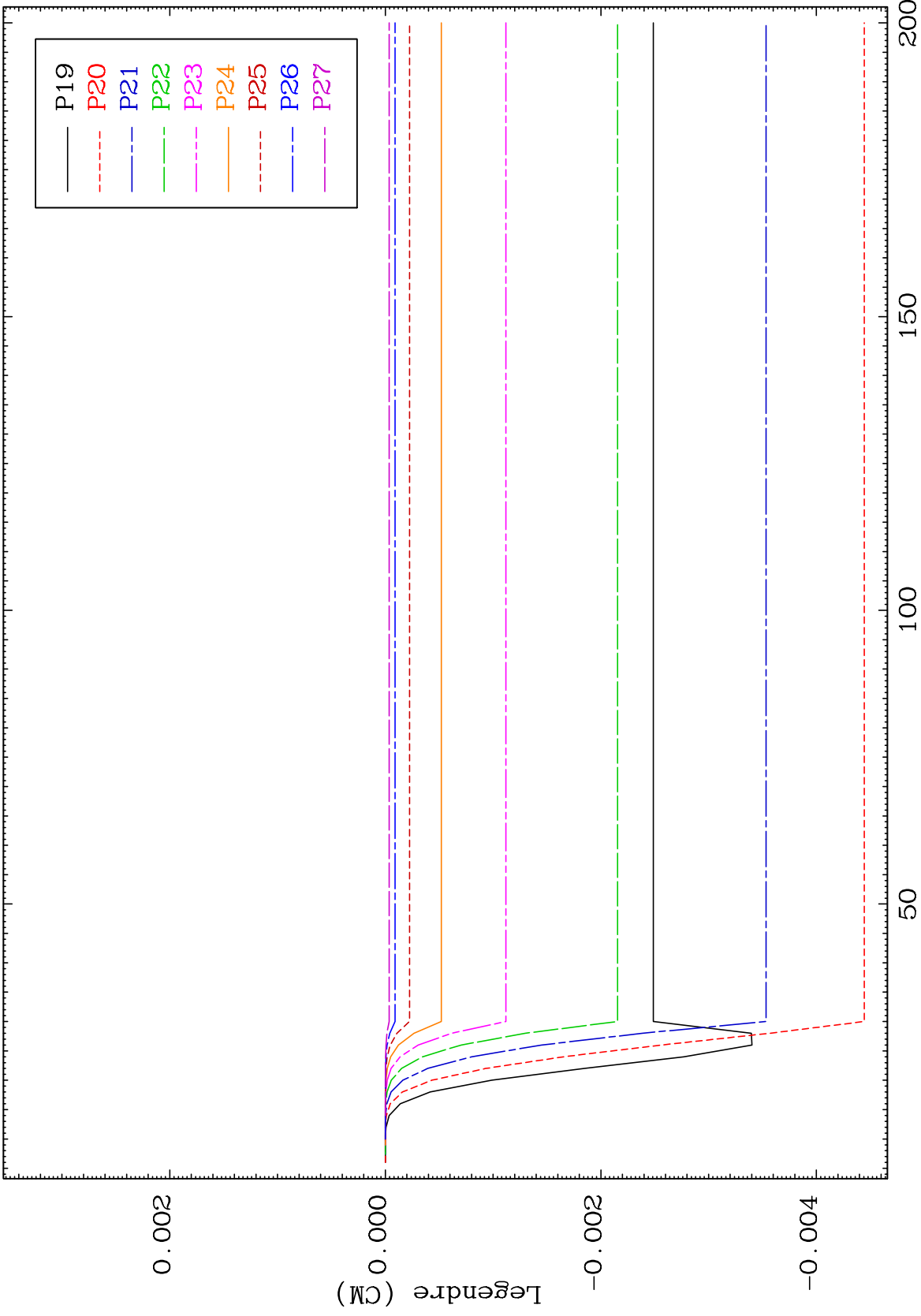
Incident Energy (MeV)

124

MAT 6828

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

68-Er-163



125

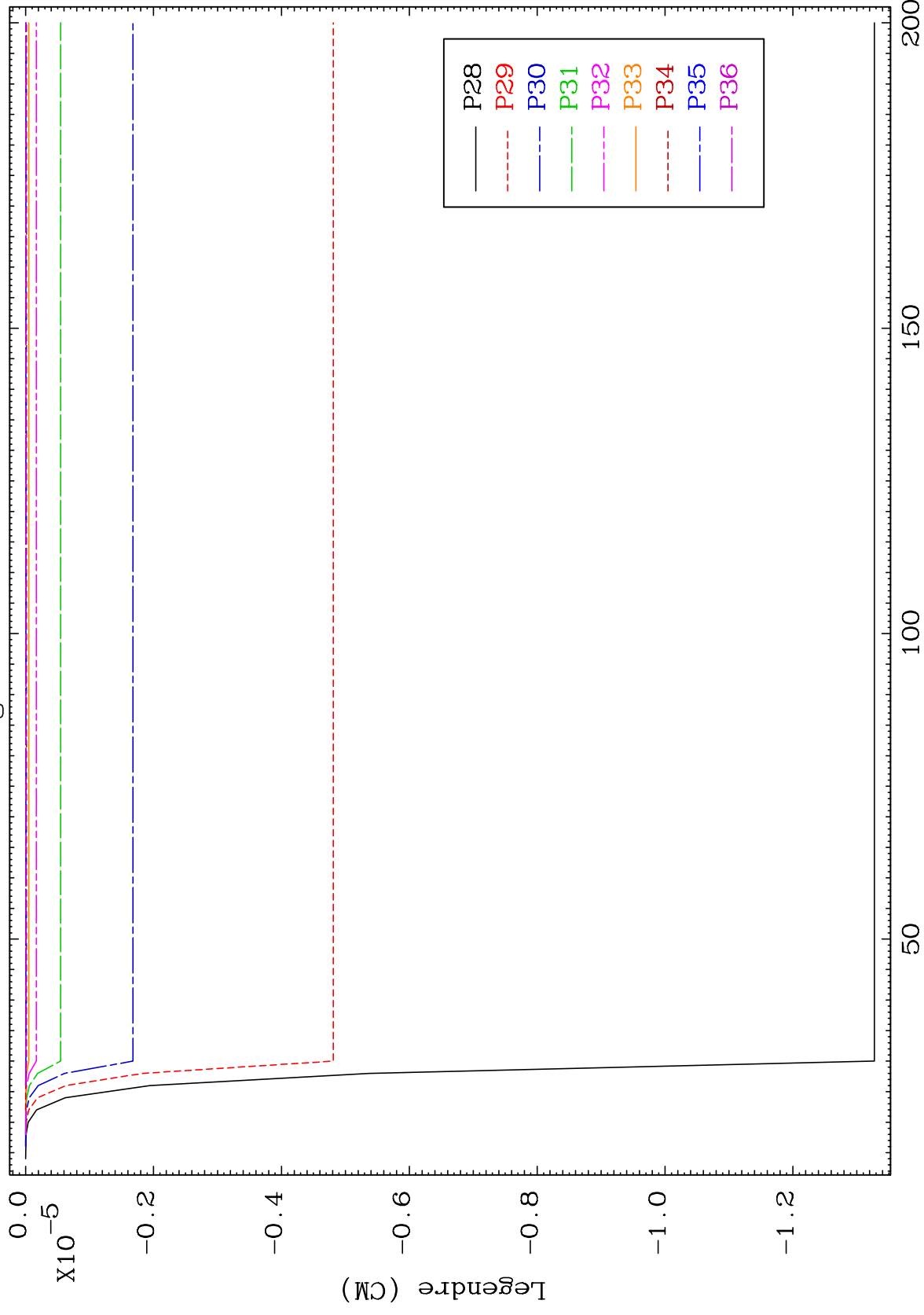
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



126

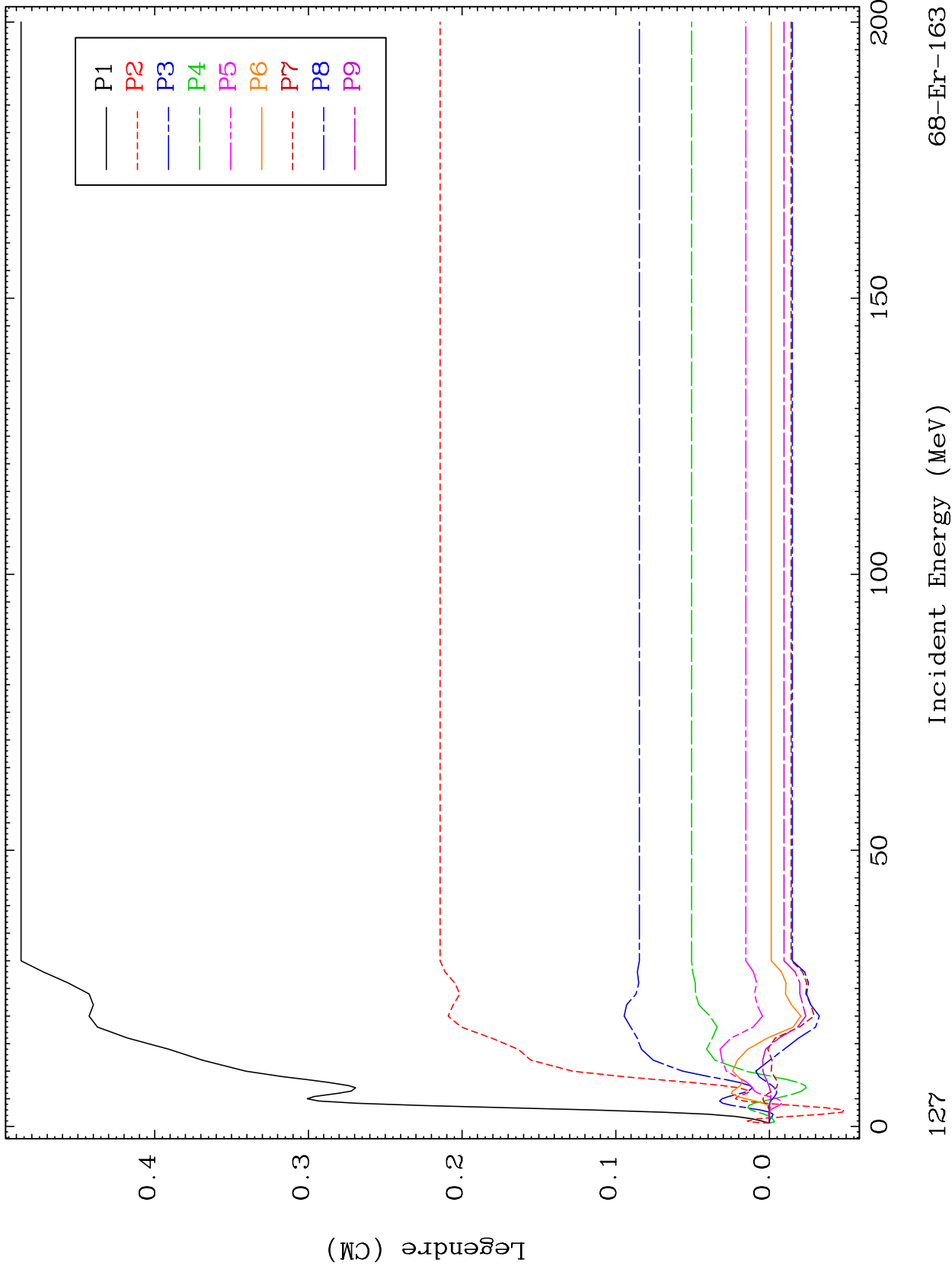
Incident Energy (MeV)

68-Er-163

MAT 6828

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

68-Er-163



68-Er-163

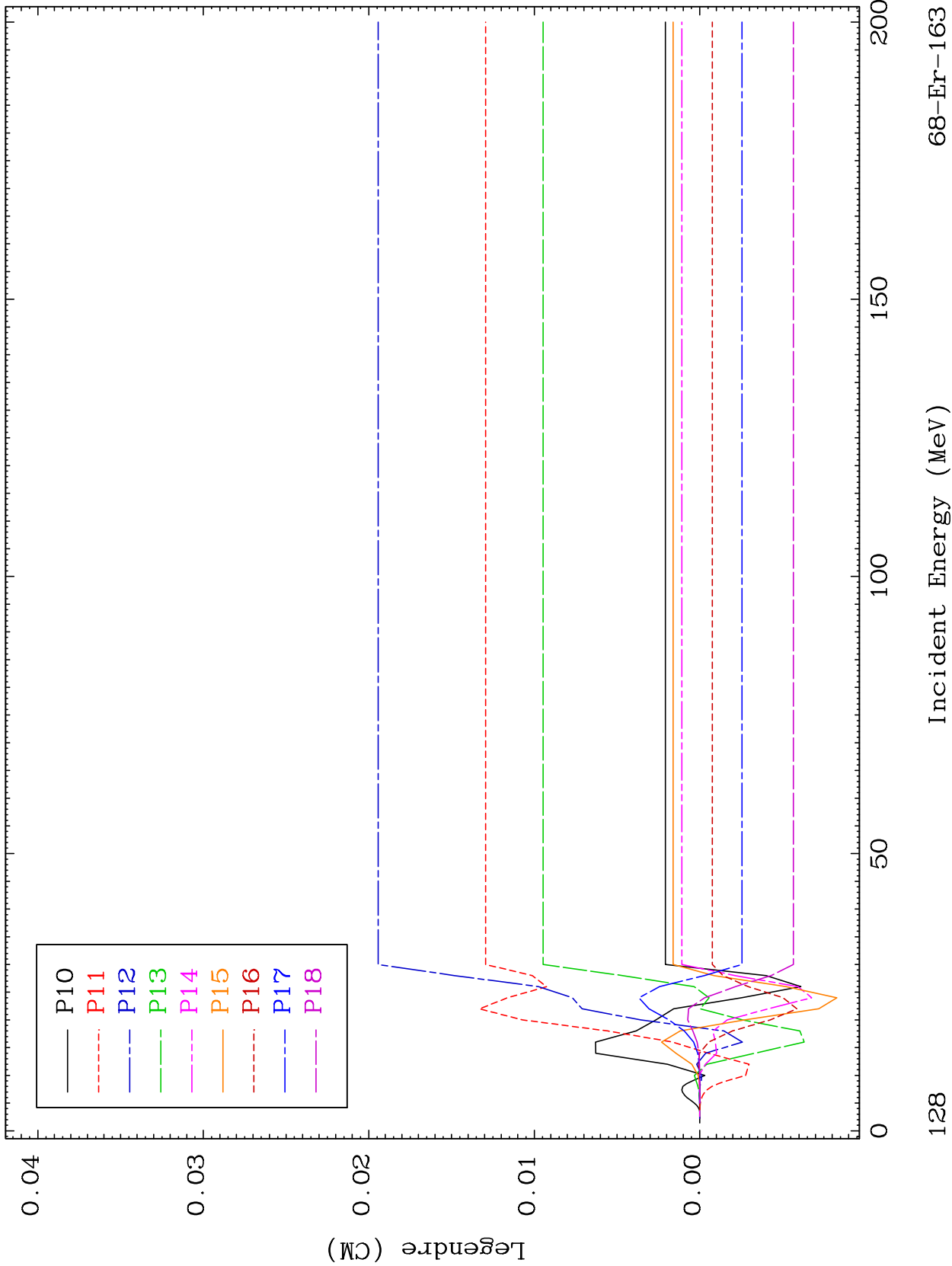
Incident Energy (MeV)

127

MAT 6828

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

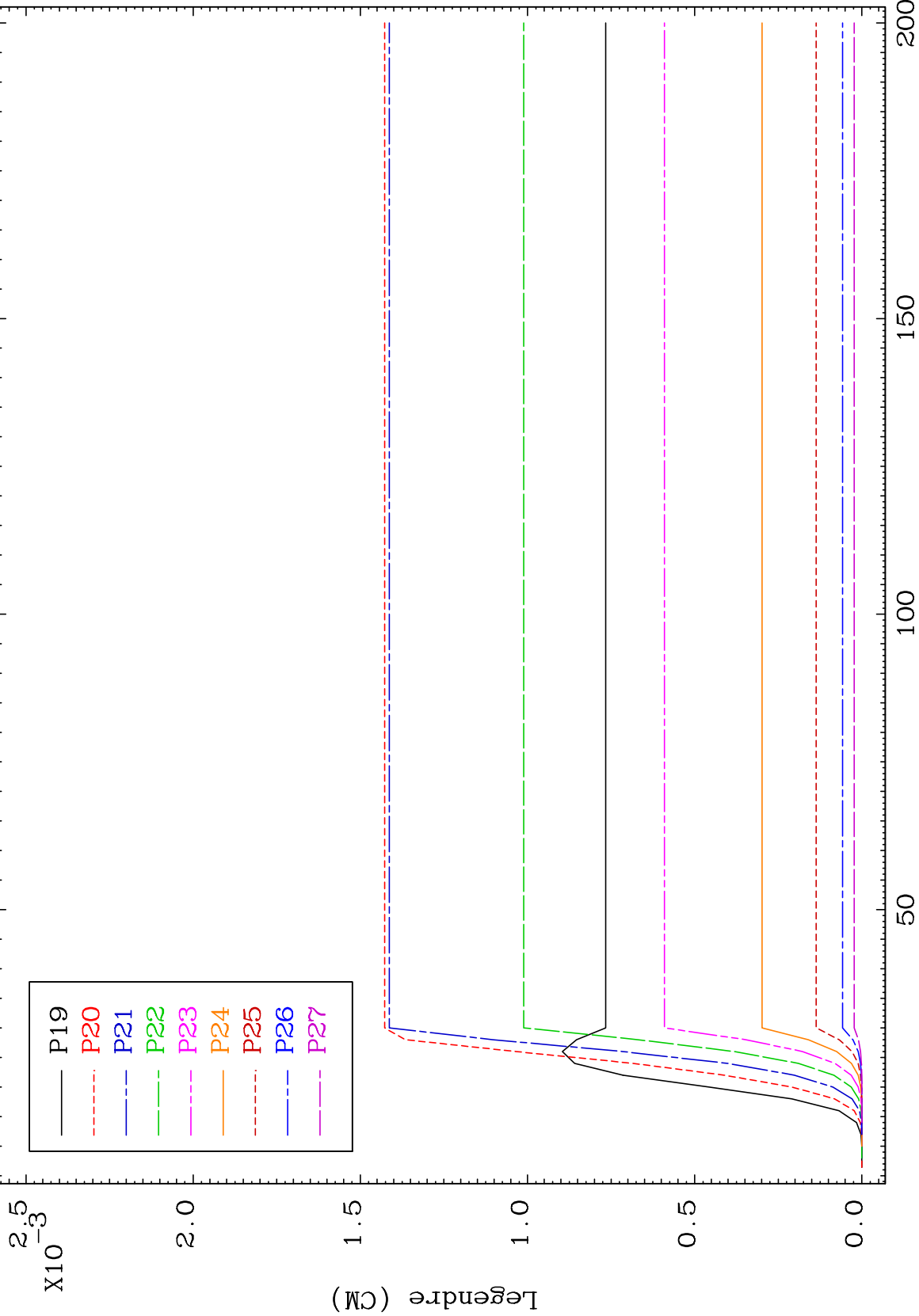
68-Er-163



68-Er-163

Incident Energy (MeV)

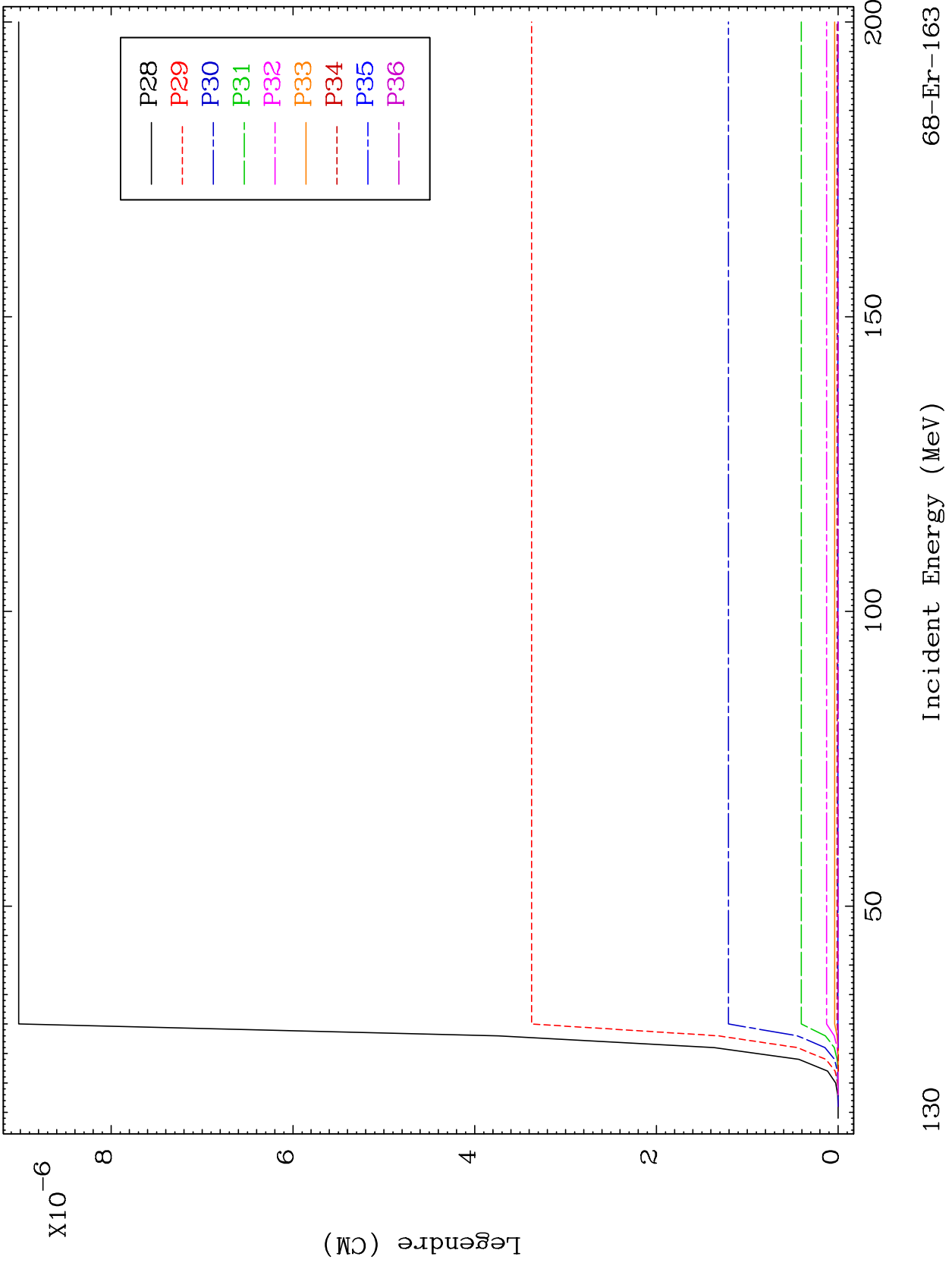
128



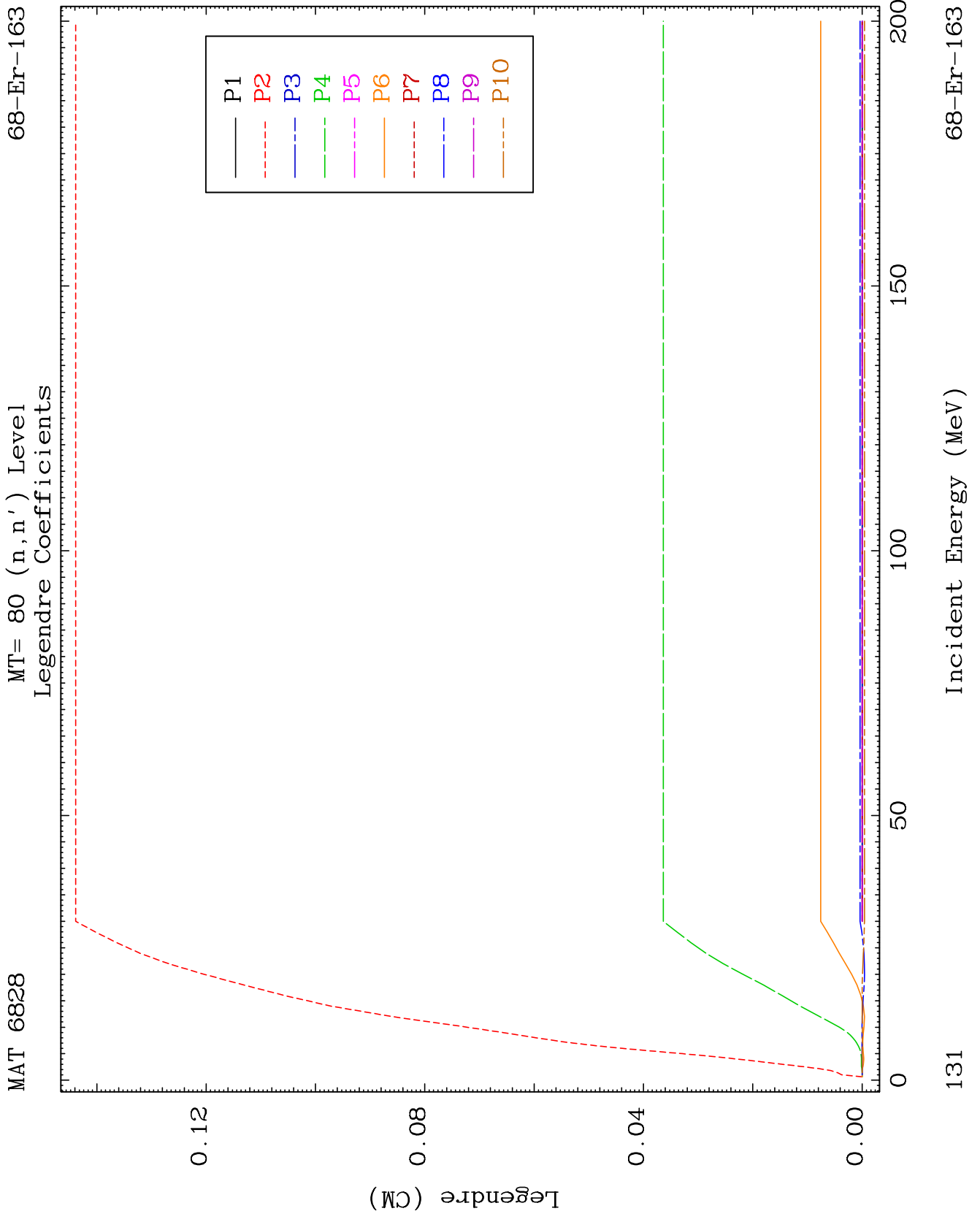
MAT 6828

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

68-Er-163



68-Er-163



68-Er-163

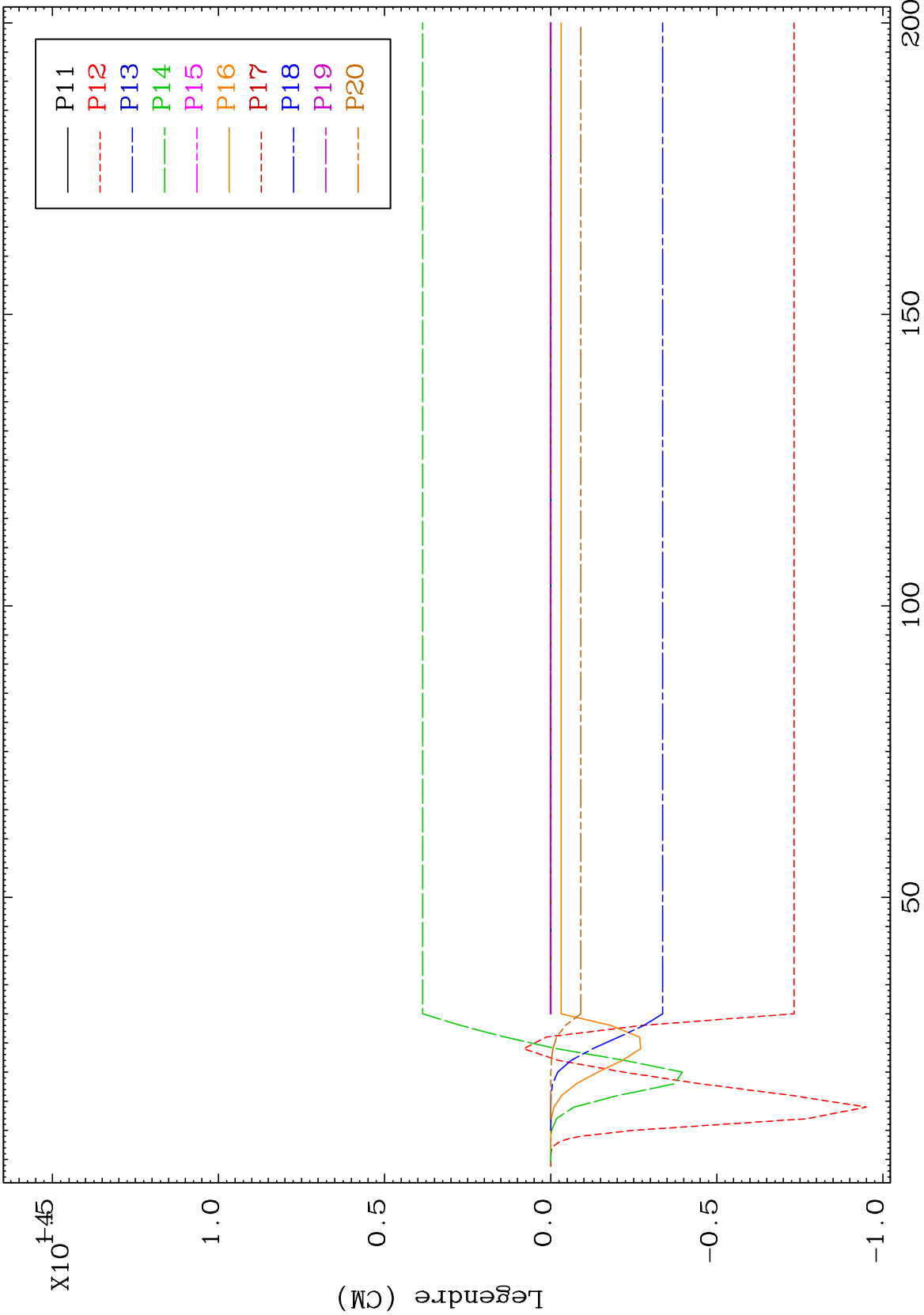
Incident Energy (MeV)

131

MAT 6828

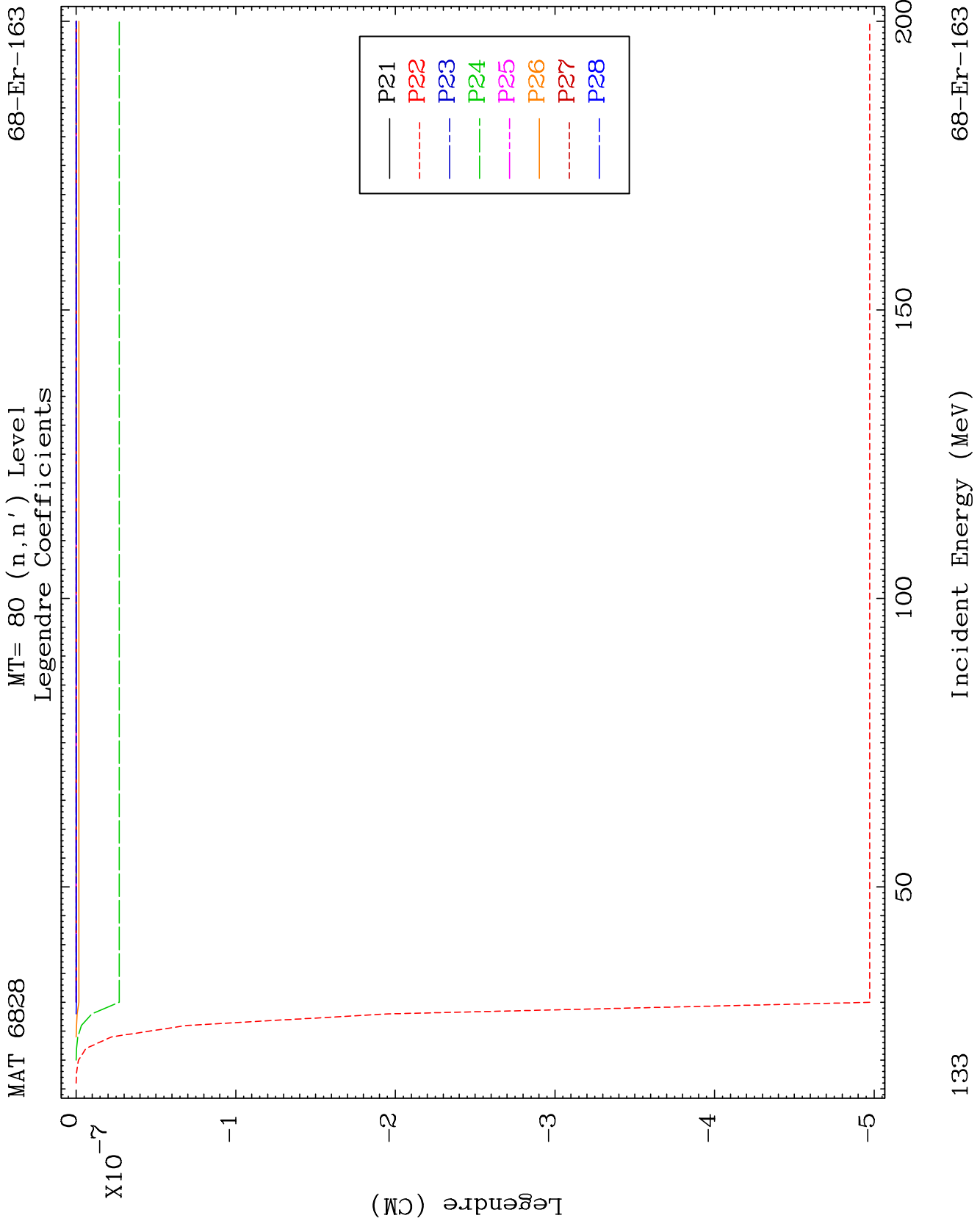
MT= 80 (n,n') Level  
Legendre Coefficients

68-Er-163



132

68-Er-163

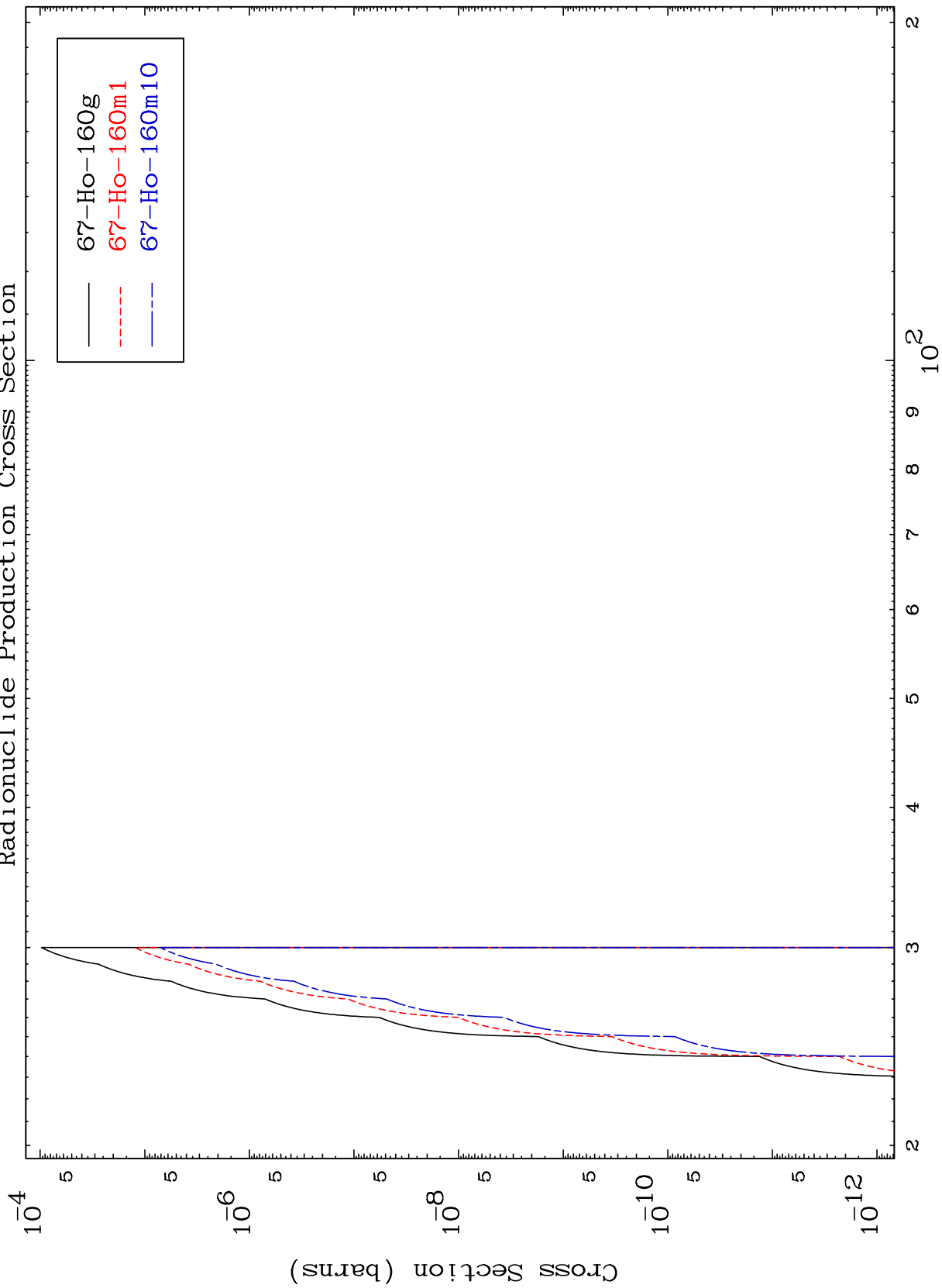


MAT 6828

(n,2n) d

68-Er-163

Radionuclide Production Cross Section



134

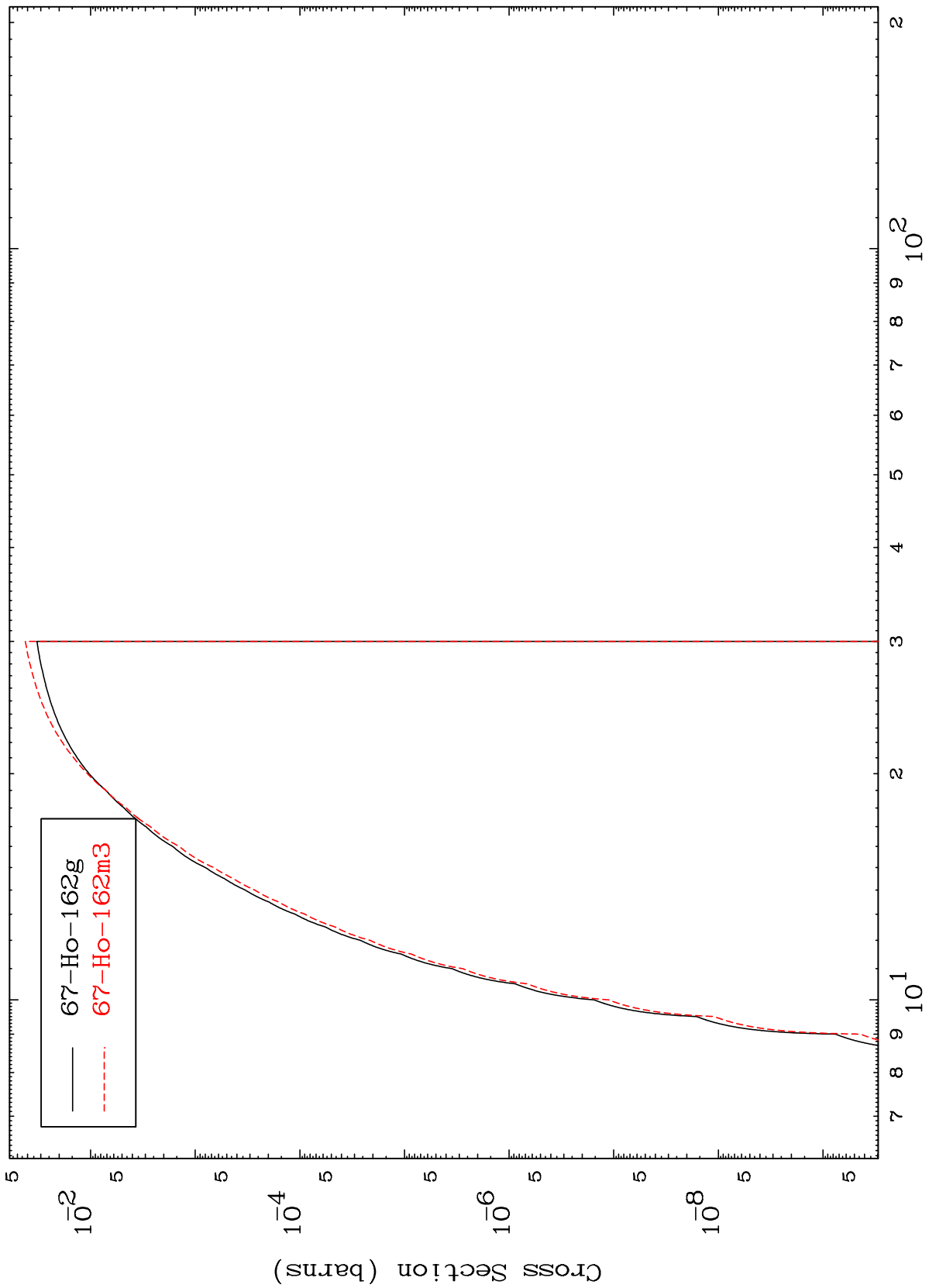
Incident Energy (MeV)

68-Er-163

MAT 6828

68-Er-163

(n,n') p  
Radionuclide Production Cross Section

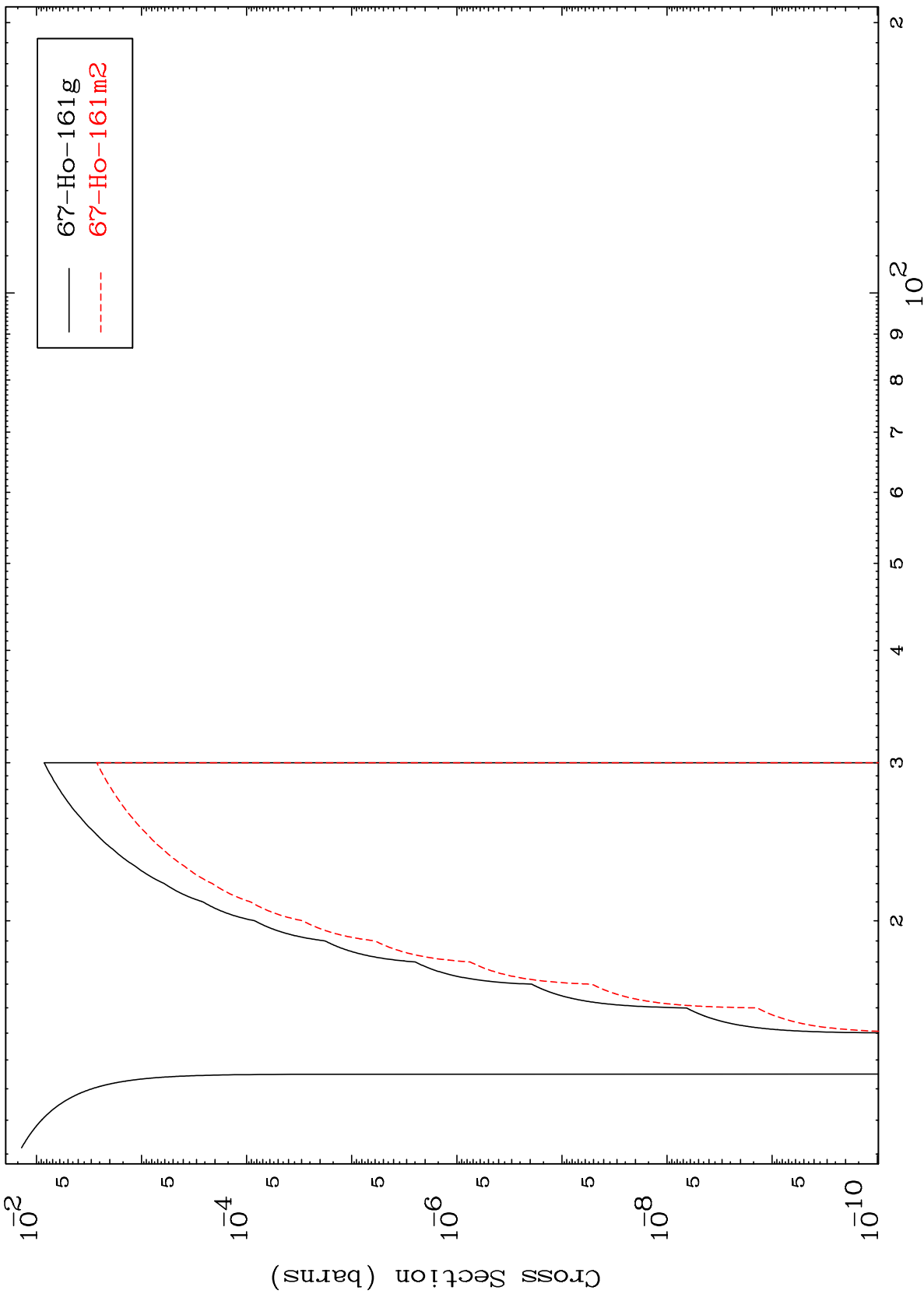


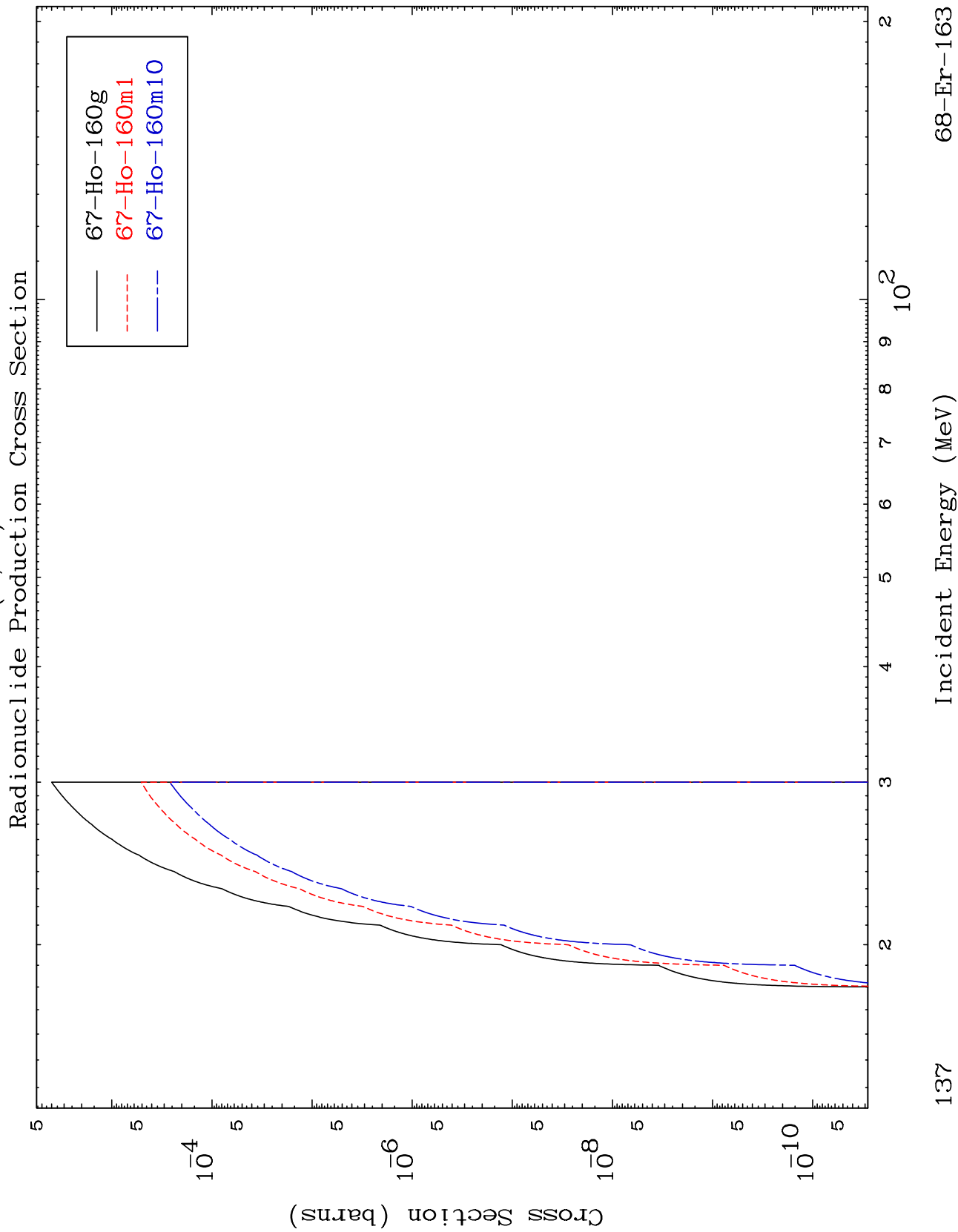
135

Incident Energy (MeV)

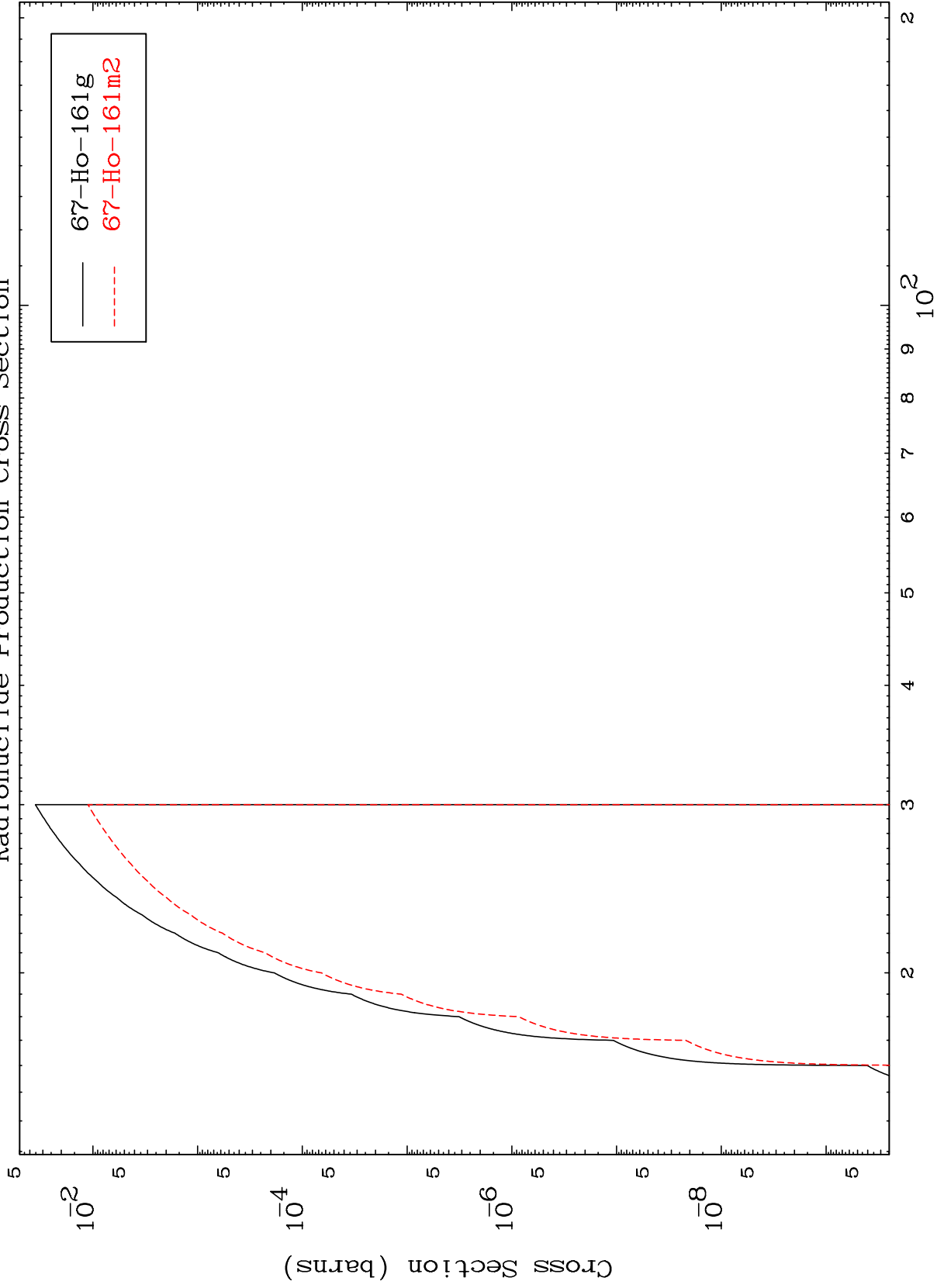
68-Er-163

Radionuclide Production Cross Section

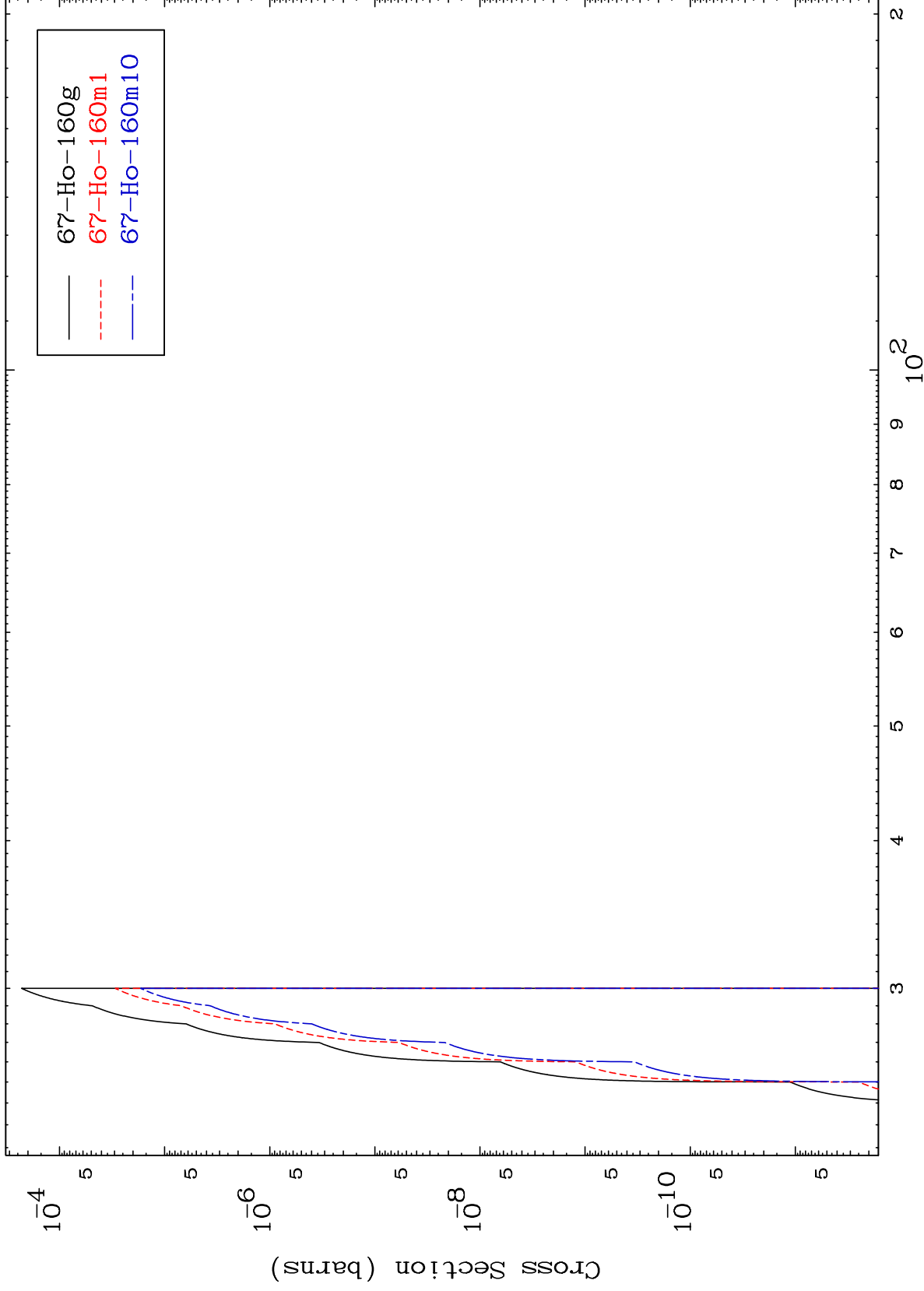




Radionuclide Production Cross Section



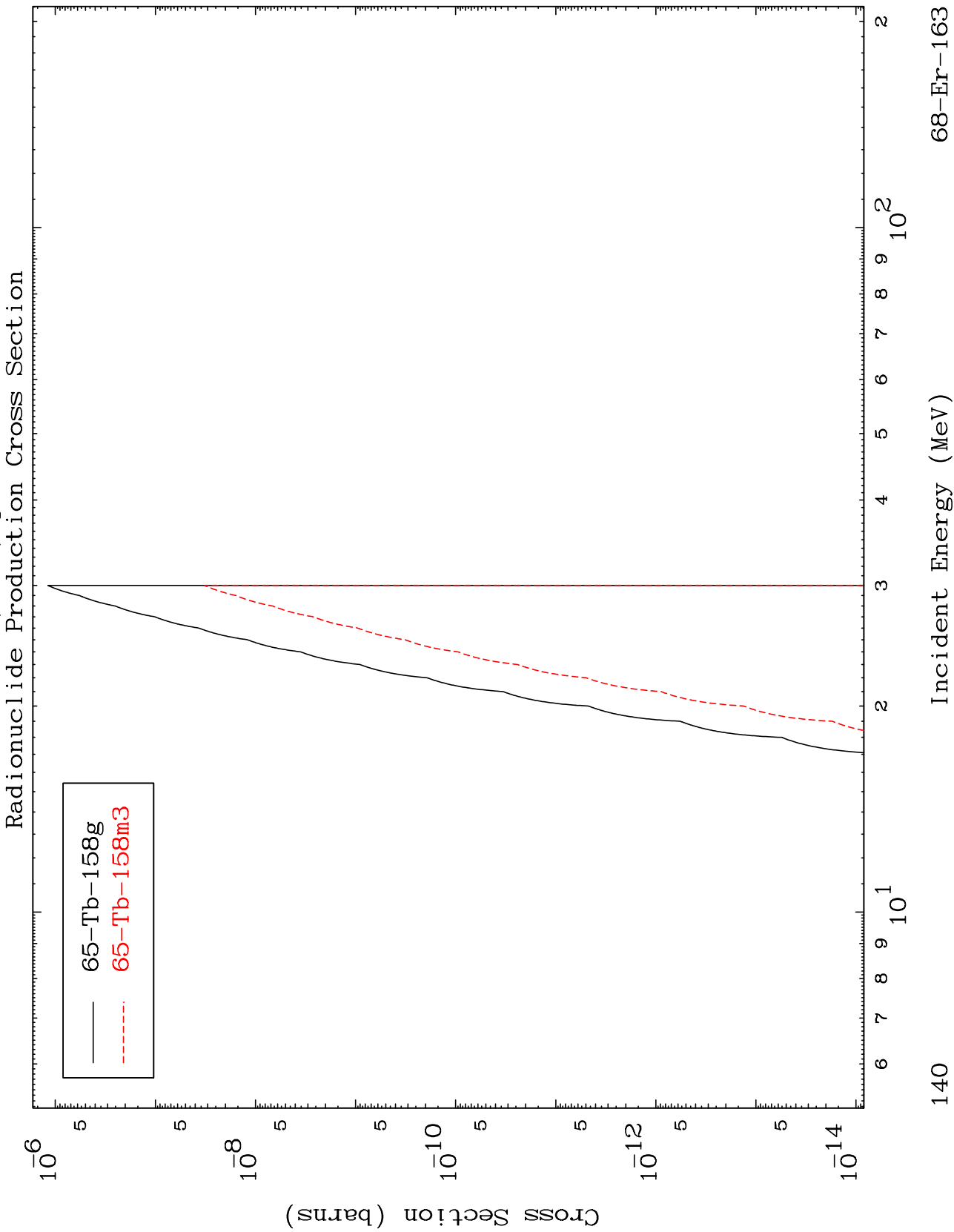
Radionuclide Production Cross Section



MAT 6828

(n,n') p  $\alpha$

68-Er-163



65-Tb-158g  
65-Tb-158m3

140

Incident Energy (MeV)

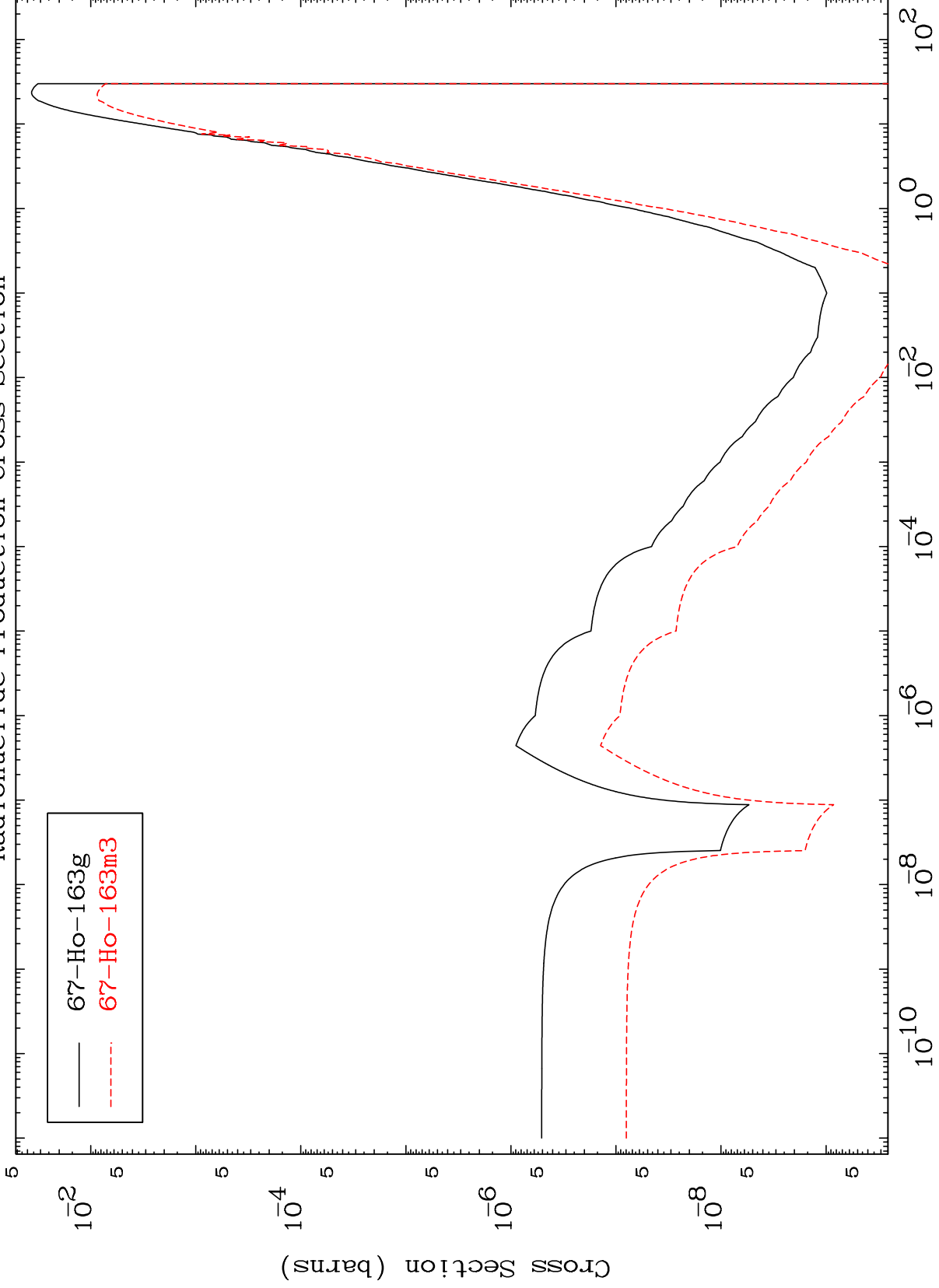
68-Er-163

MAT 6828

(n,p)

68-Er-163

Radionuclide Production Cross Section



141

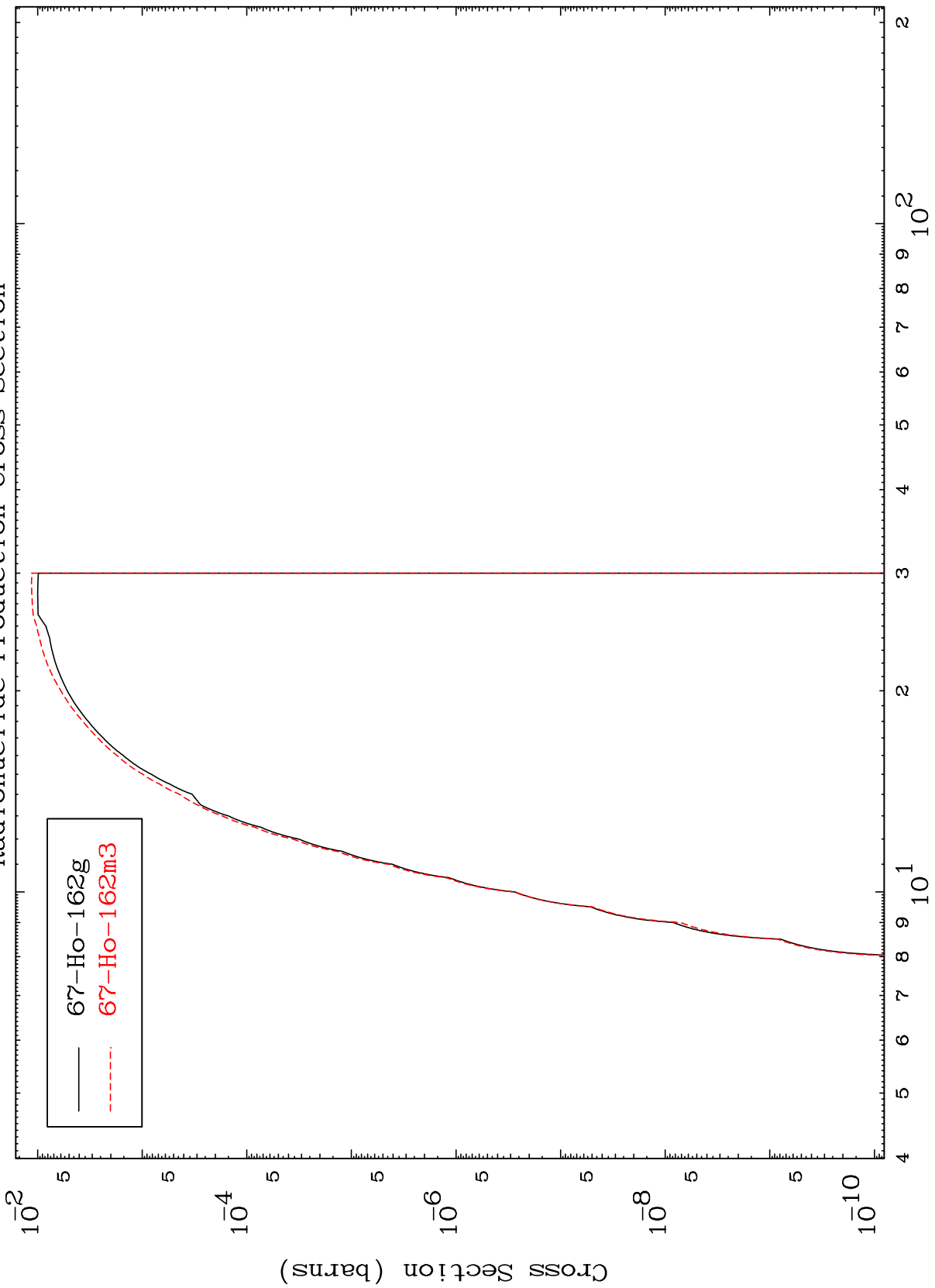
Incident Energy (MeV)

68-Er-163

MAT 6828

68-Er-163

(n,d)  
Radionuclide Production Cross Section



Incident Energy (MeV)

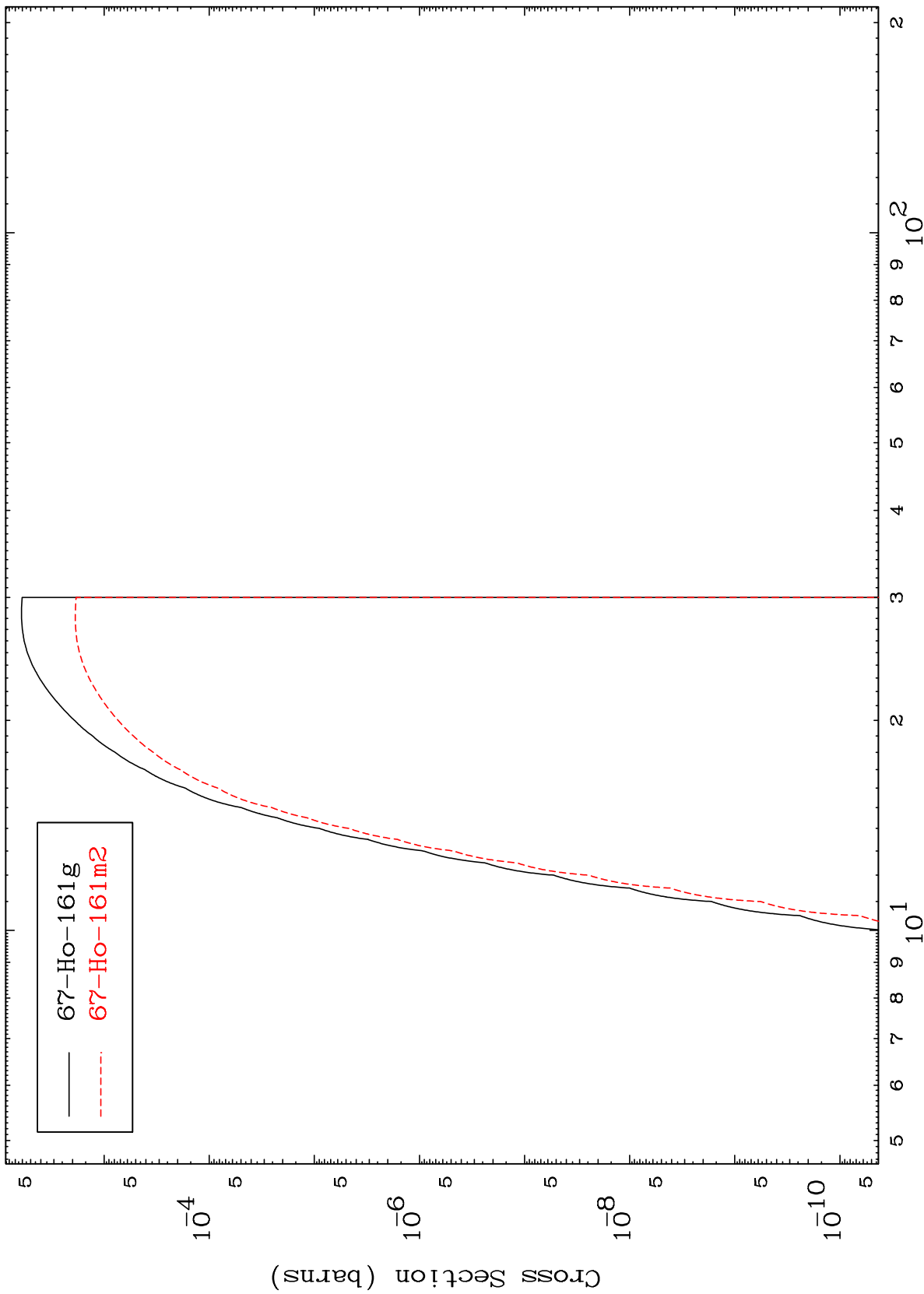
68-Er-163

142

MAT 6828

68-Er-163

(n, t)  
Radionuclide Production Cross Section



143

Incident Energy (MeV)

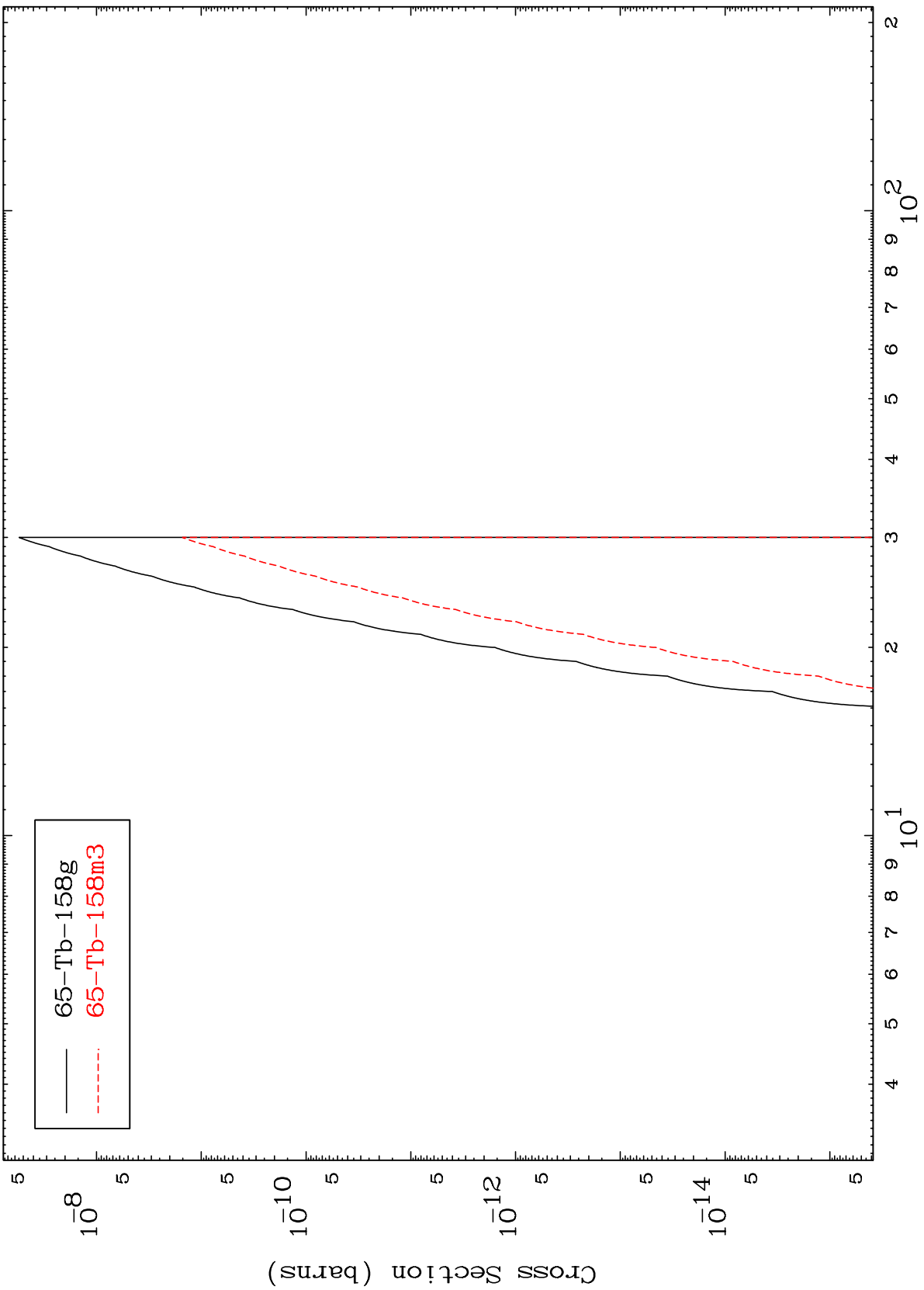
68-Er-163

MAT 6828

(n,d)  $\alpha$

68-Er-163

Radionuclide Production Cross Section



144

Incident Energy (MeV)

68-Er-163