

Program EVALPLOT
(Version 2018-1)

by

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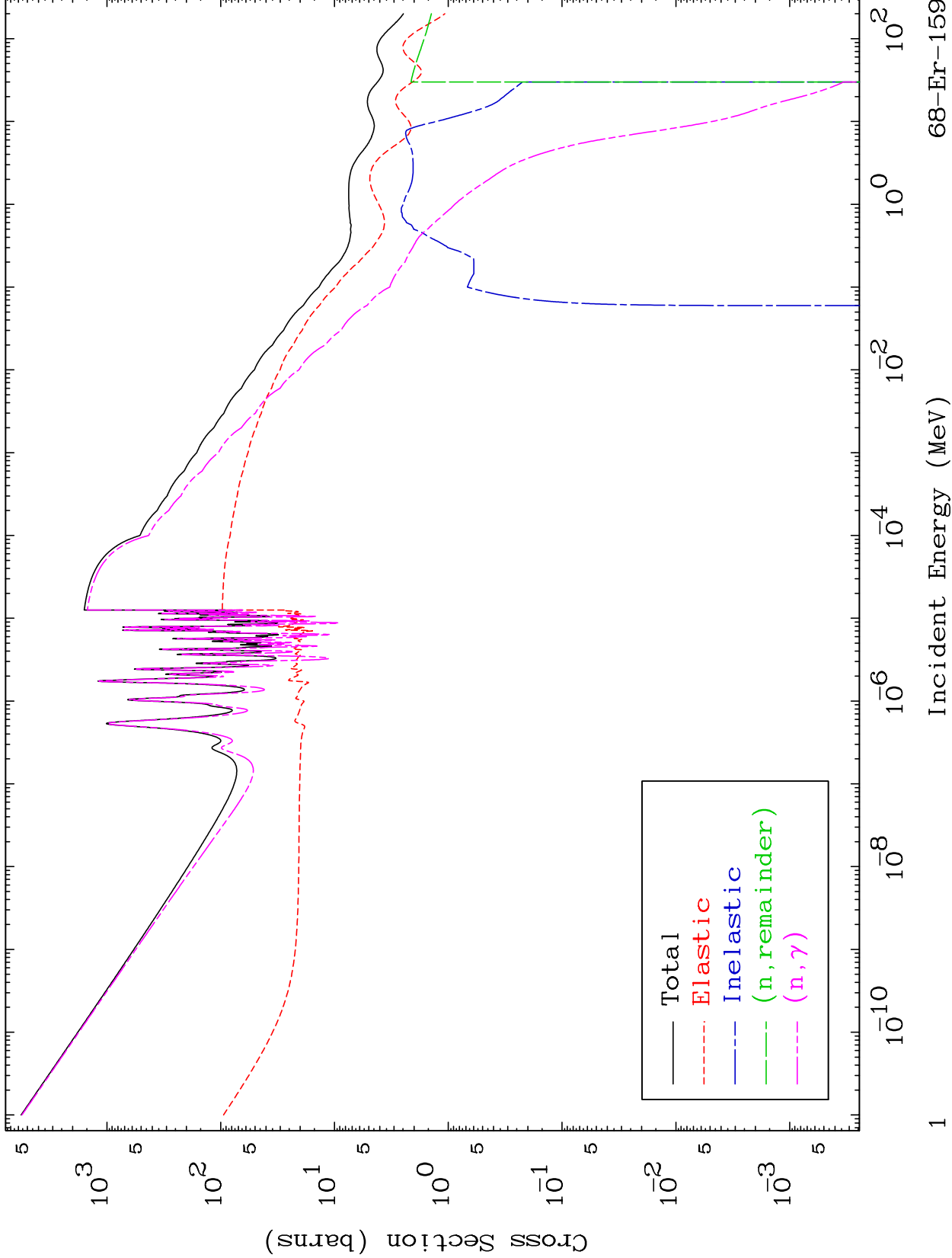
Press Mouse Button to Start

MAT 6816

Major

293 Kelvin Cross Sections

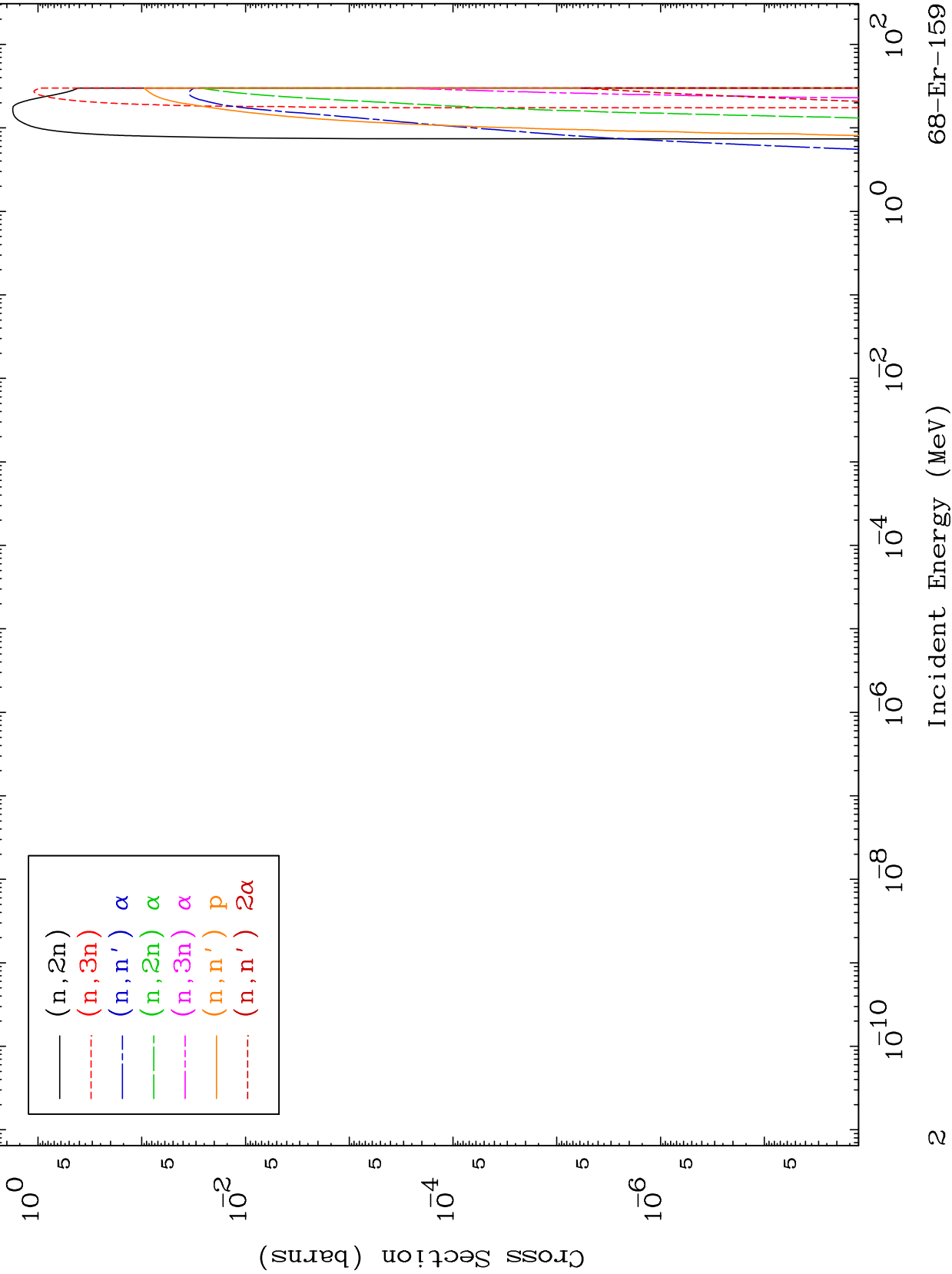
68-Er-159

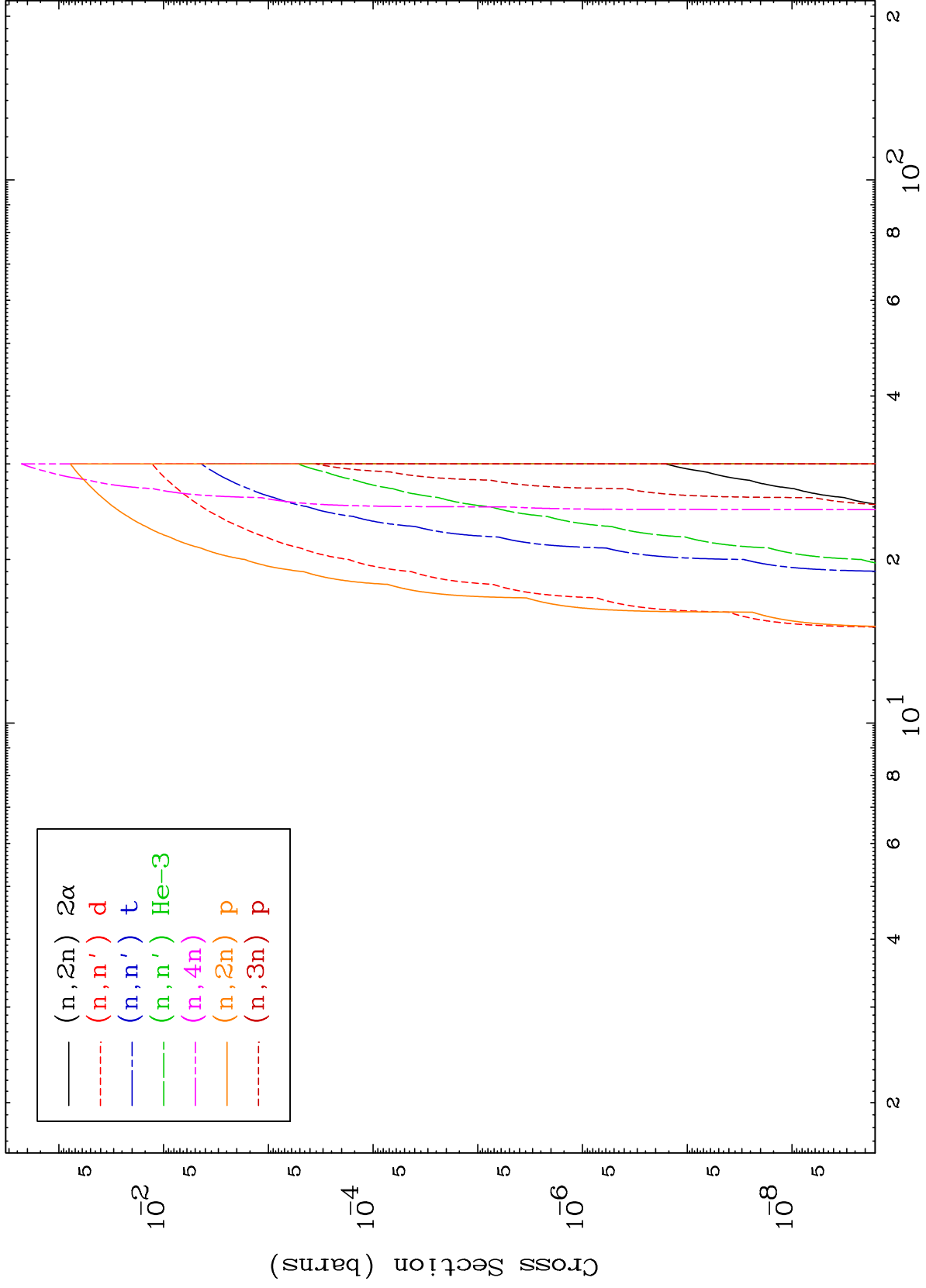


MAT 6816

Neutron Production
293 Kelvin Cross Sections

68-Er-159

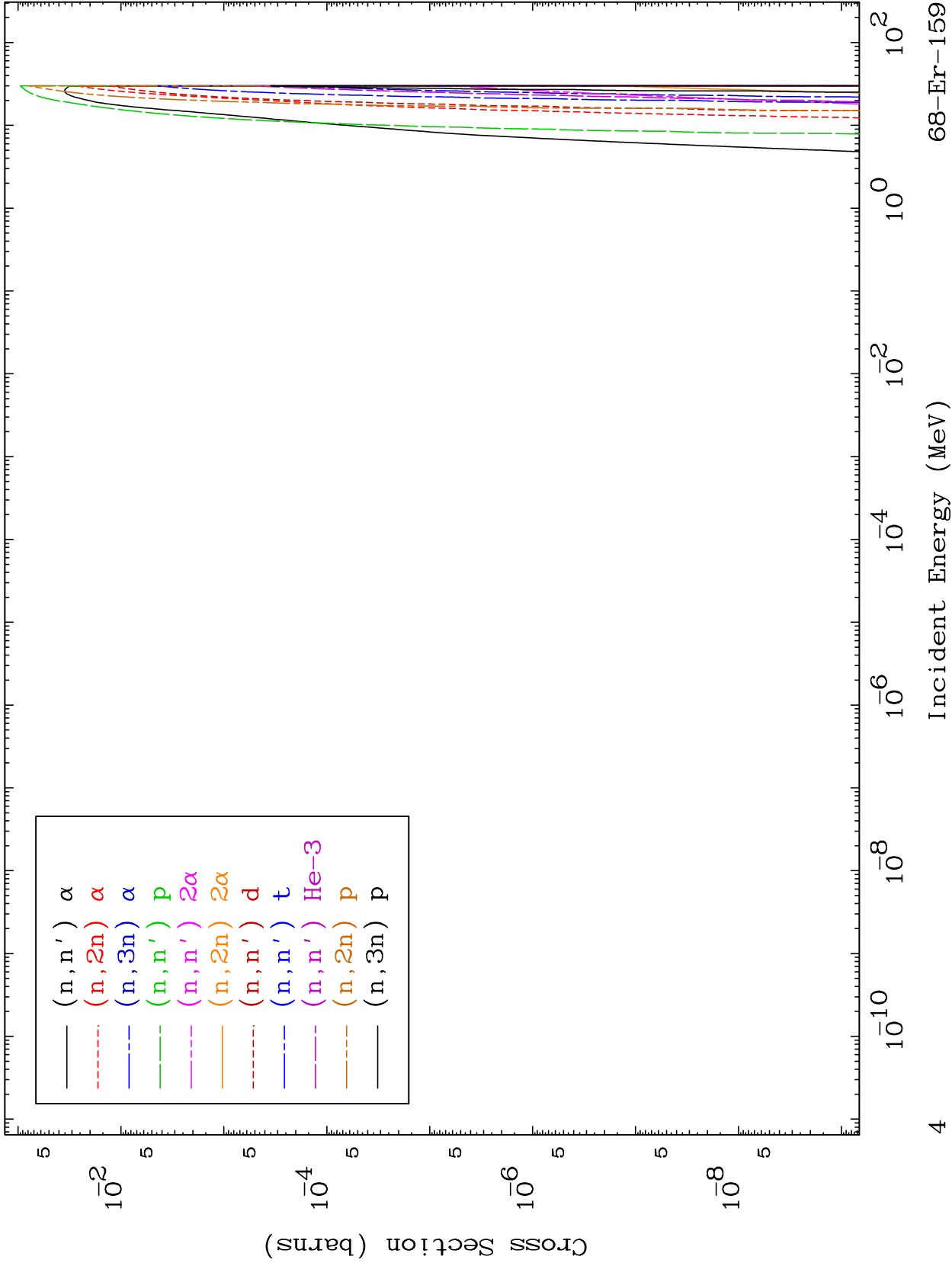




MAT 6816

Charged Particle
293 Kelvin Cross Sections

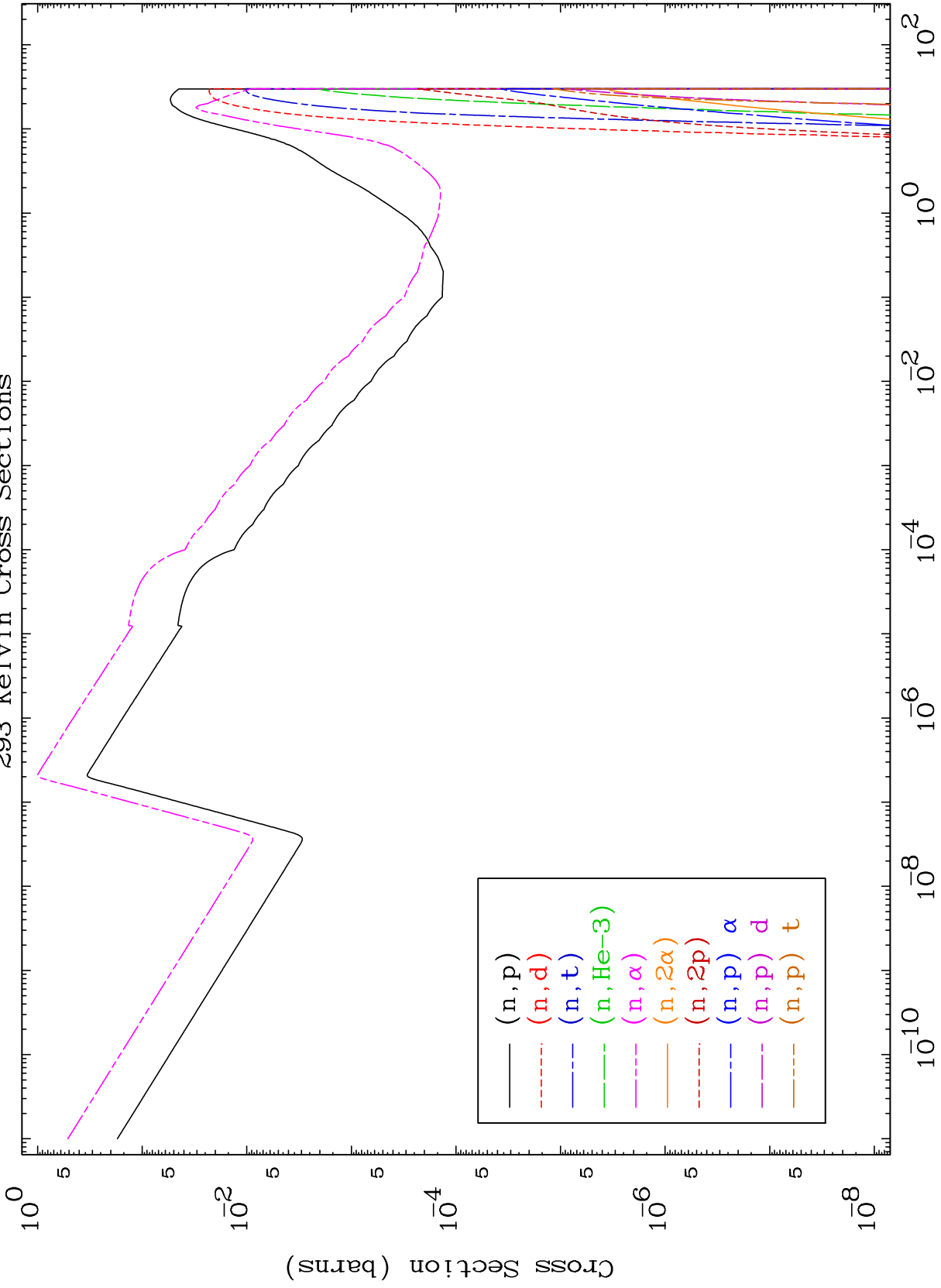
68-Er-159

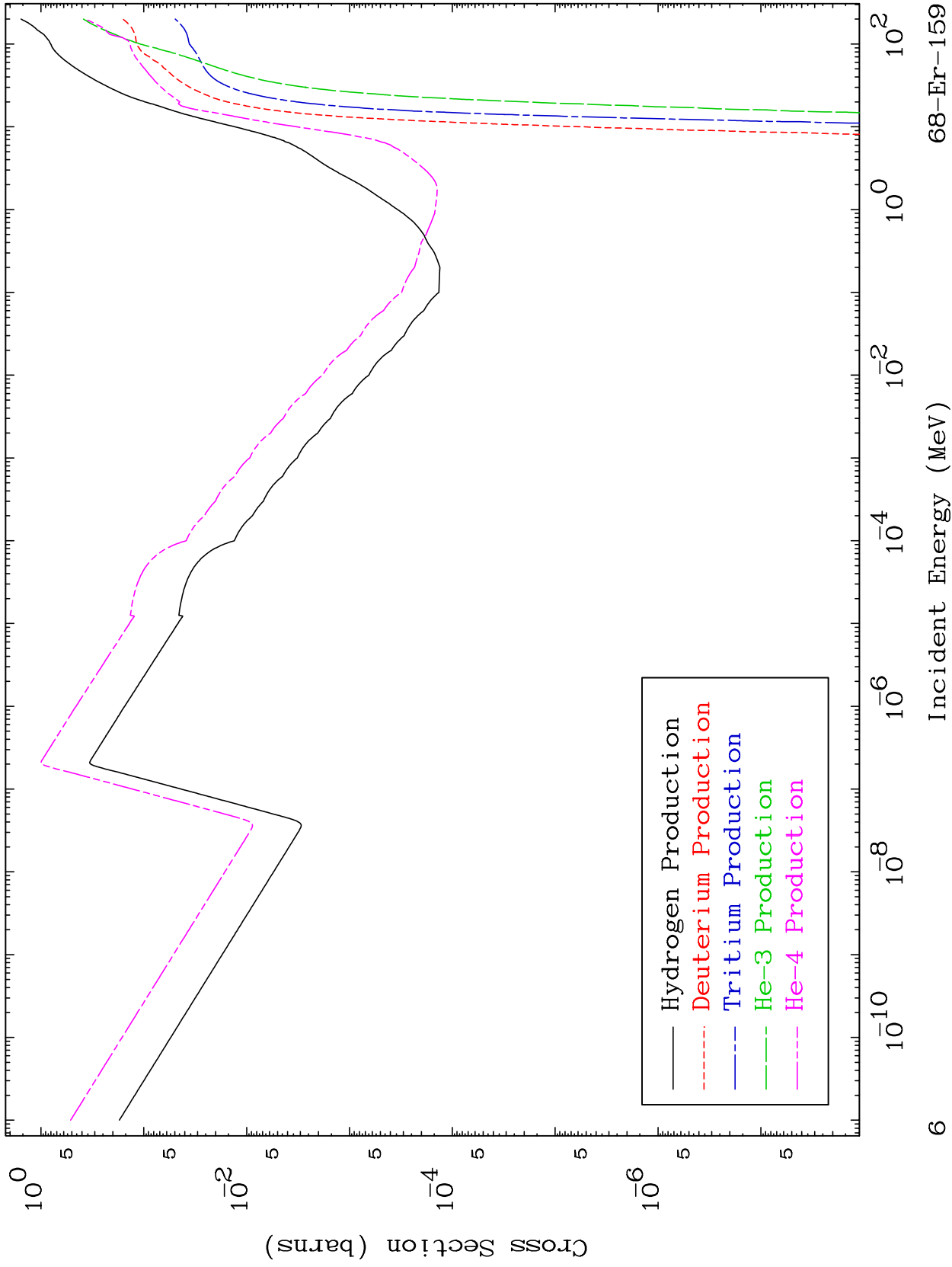


MAT 6816

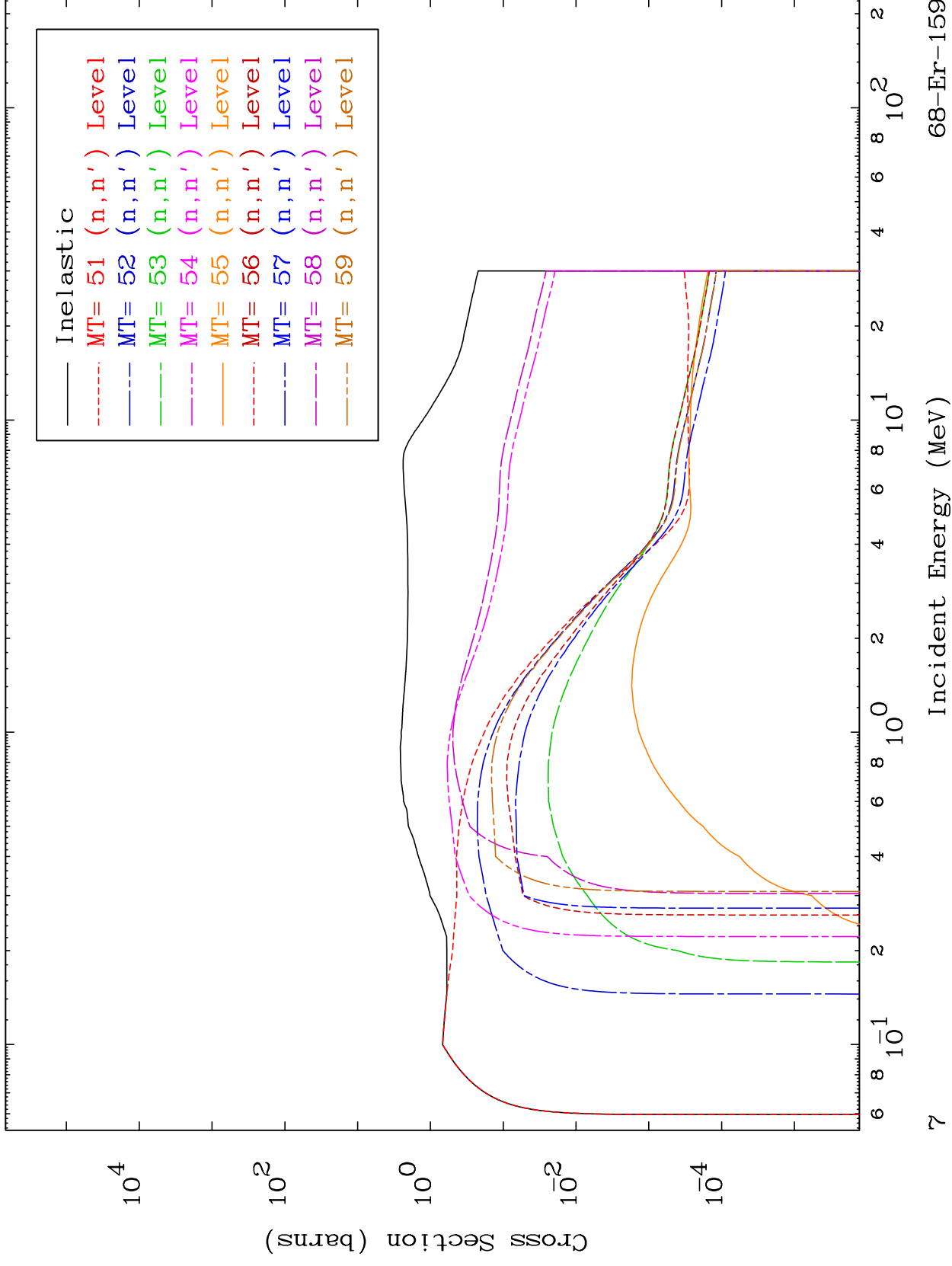
Charged Particle
293 Kelvin Cross Sections

68-Er-159





293 Kelvin Cross Sections

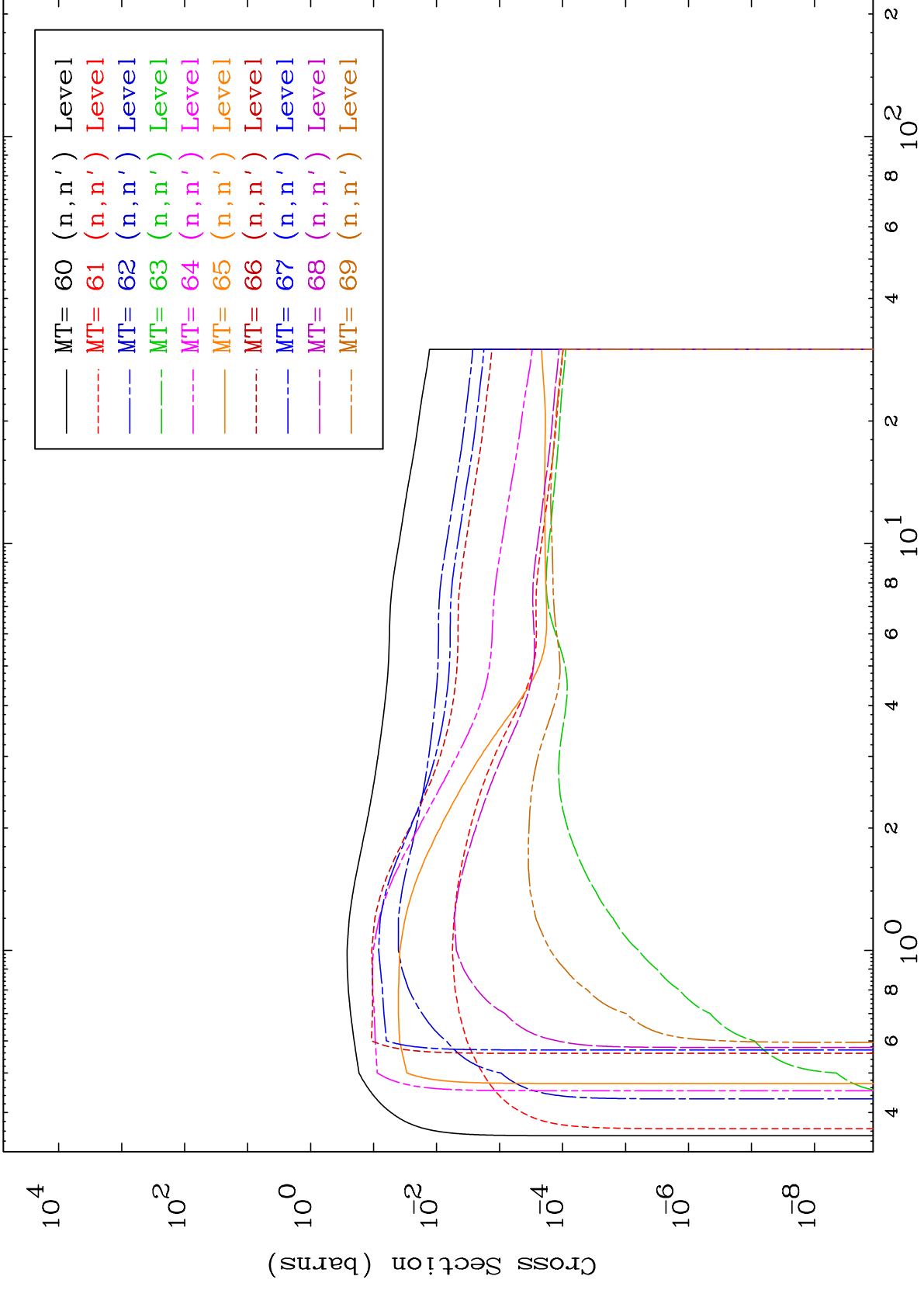


MAT 6816

(n,n') Level

68-Er-159

293 Kelvin Cross Sections

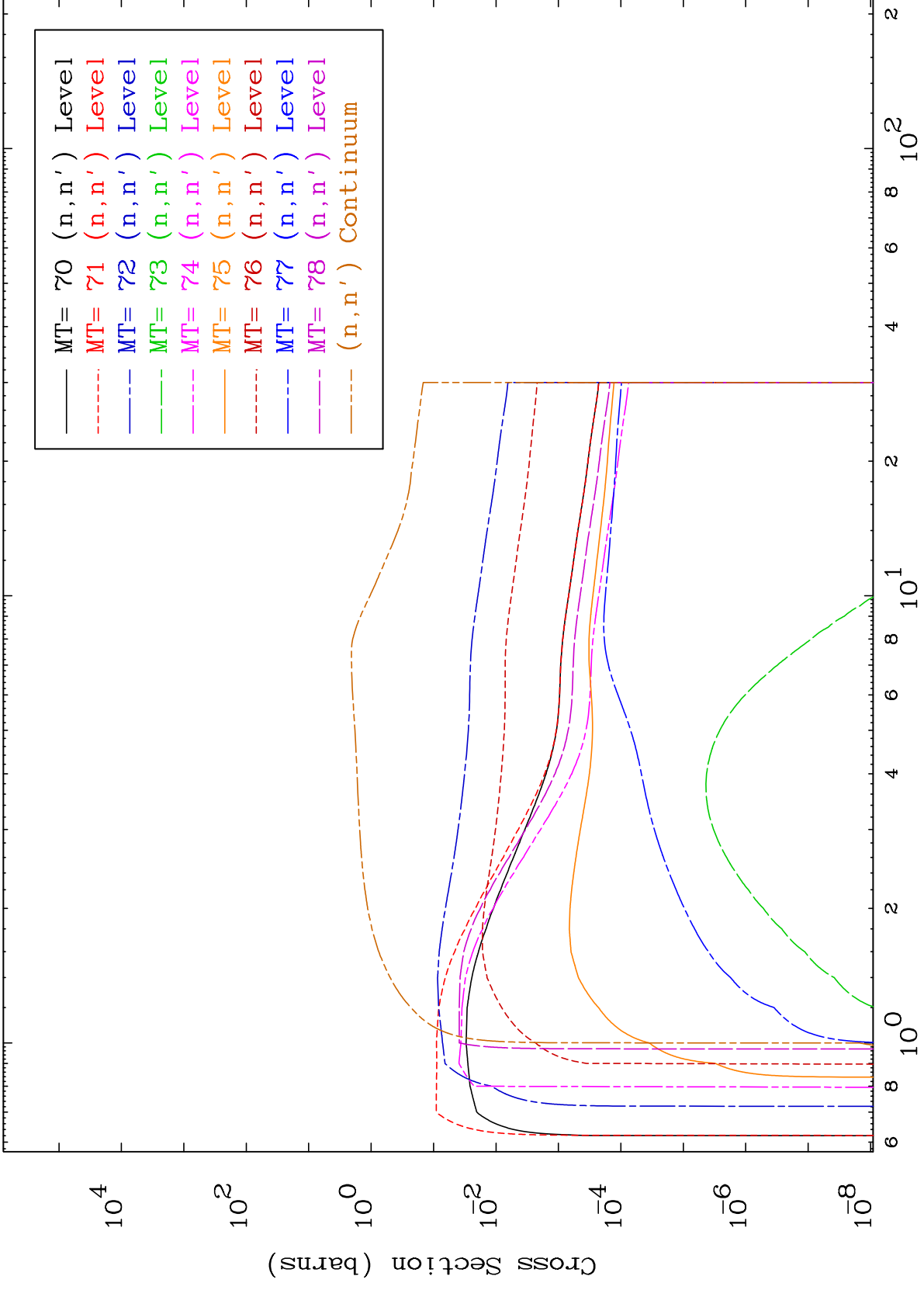


8

Incident Energy (MeV)

68-Er-159

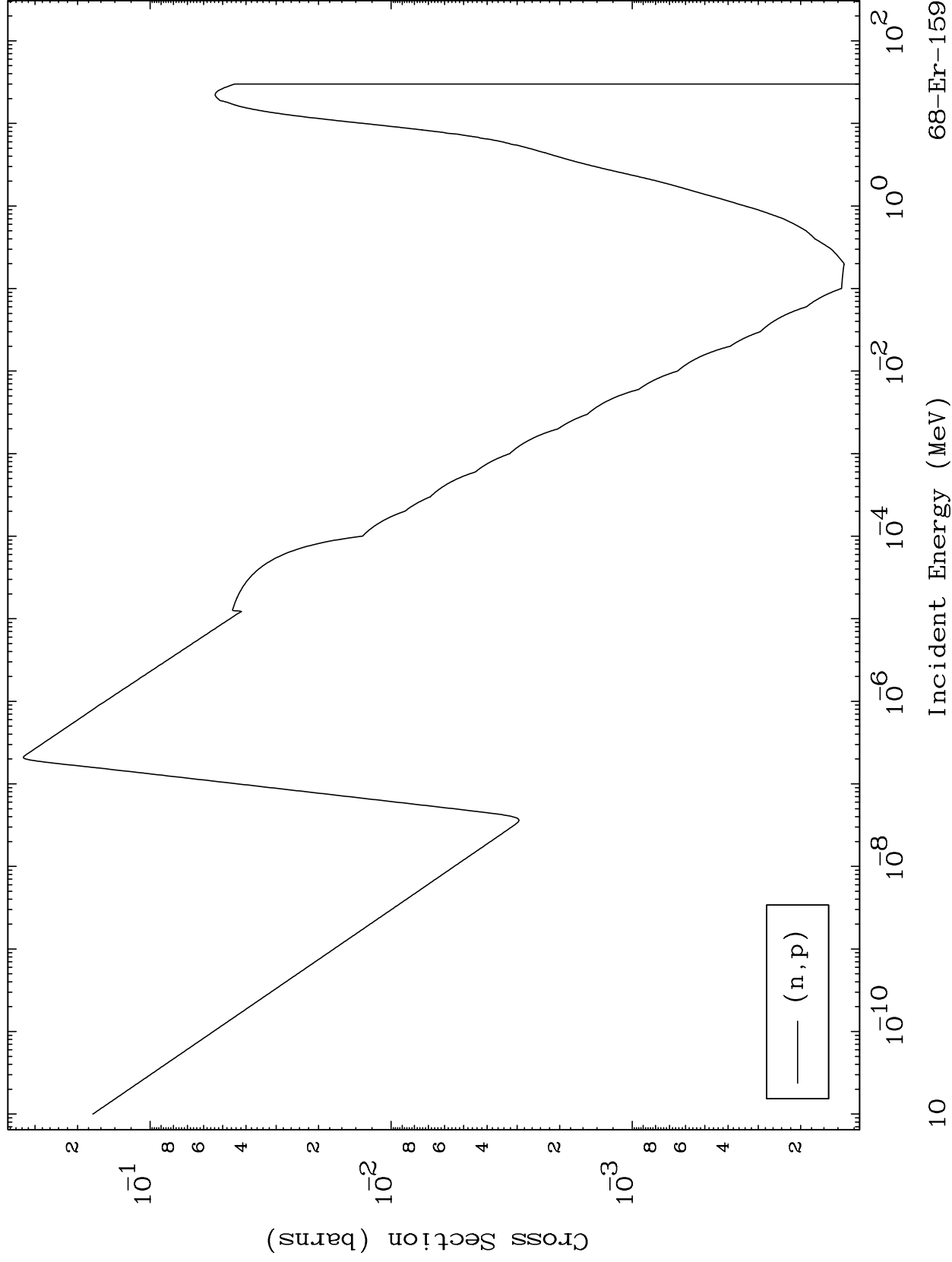
293 Kelvin Cross Sections



MAT 6816

(n,p) Levels
293 Kelvin Cross Sections

68-Er-159



10

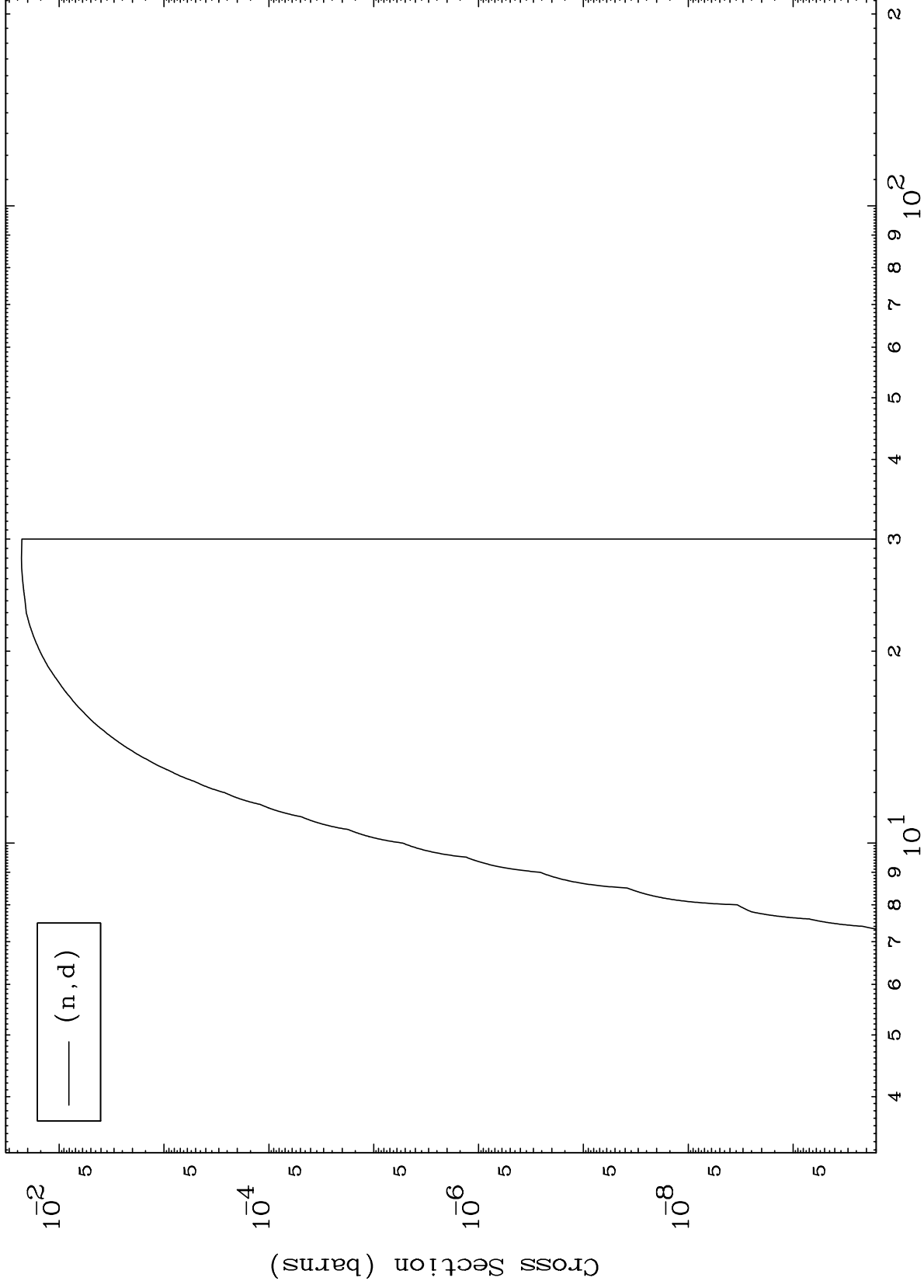
Incident Energy (MeV)

68-Er-159

MAT 6816

(n,d) Levels
293 Kelvin Cross Sections

68-Er-159



11

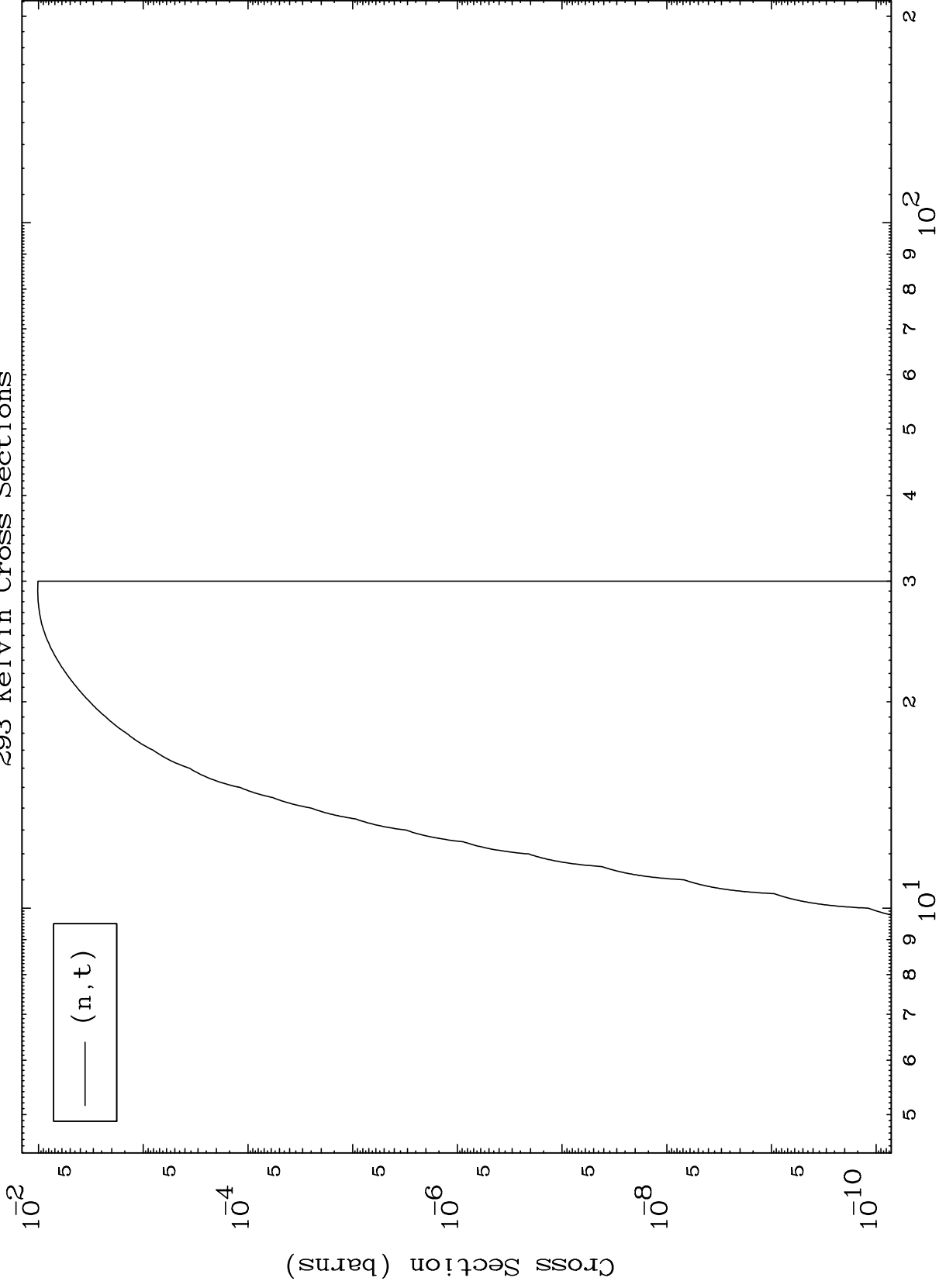
Incident Energy (MeV)

68-Er-159

MAT 6816

(n,t) Levels
293 Kelvin Cross Sections

68-Er-159



12

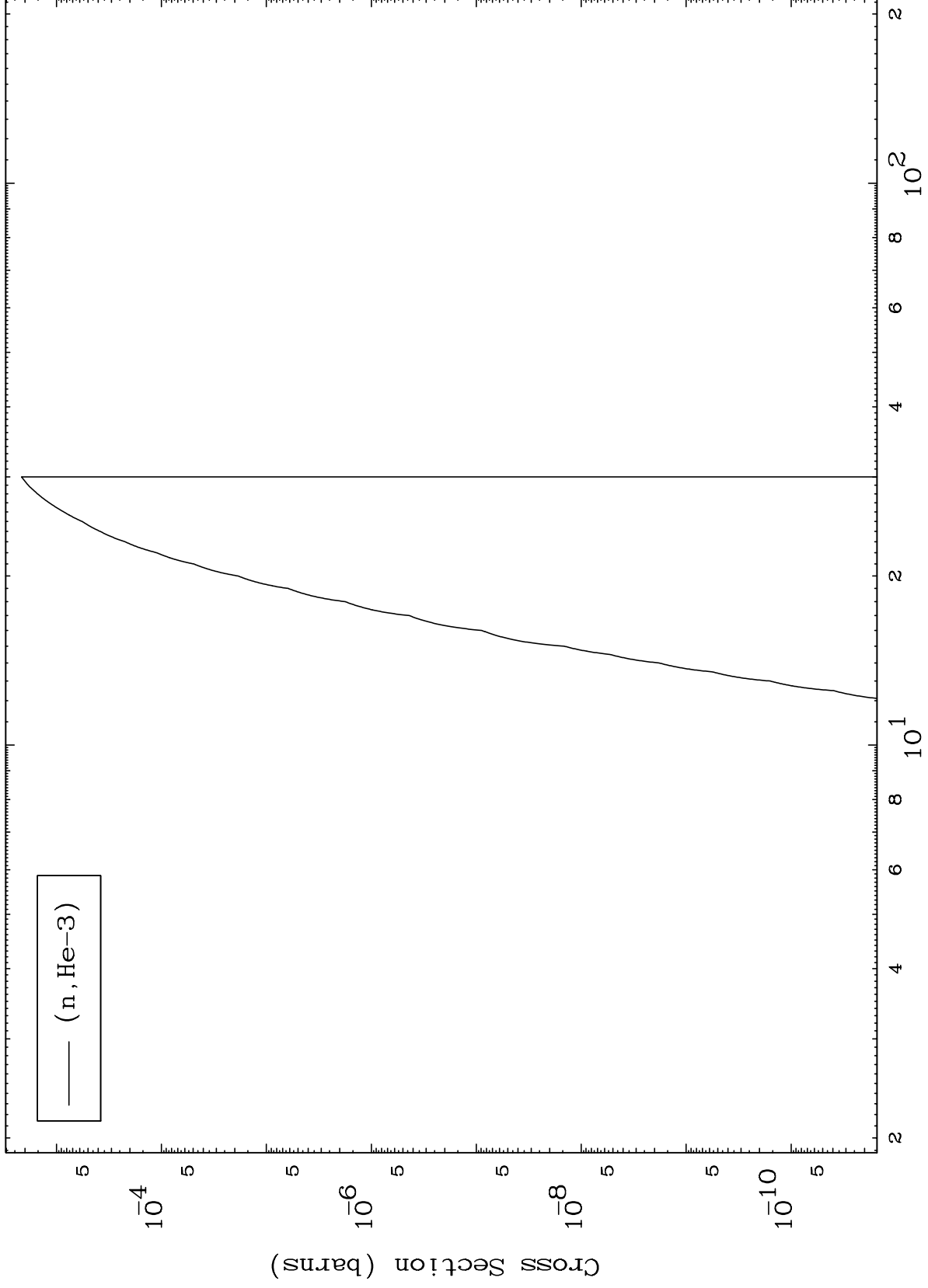
Incident Energy (MeV)

68-Er-159

MAT 6816

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-159



13

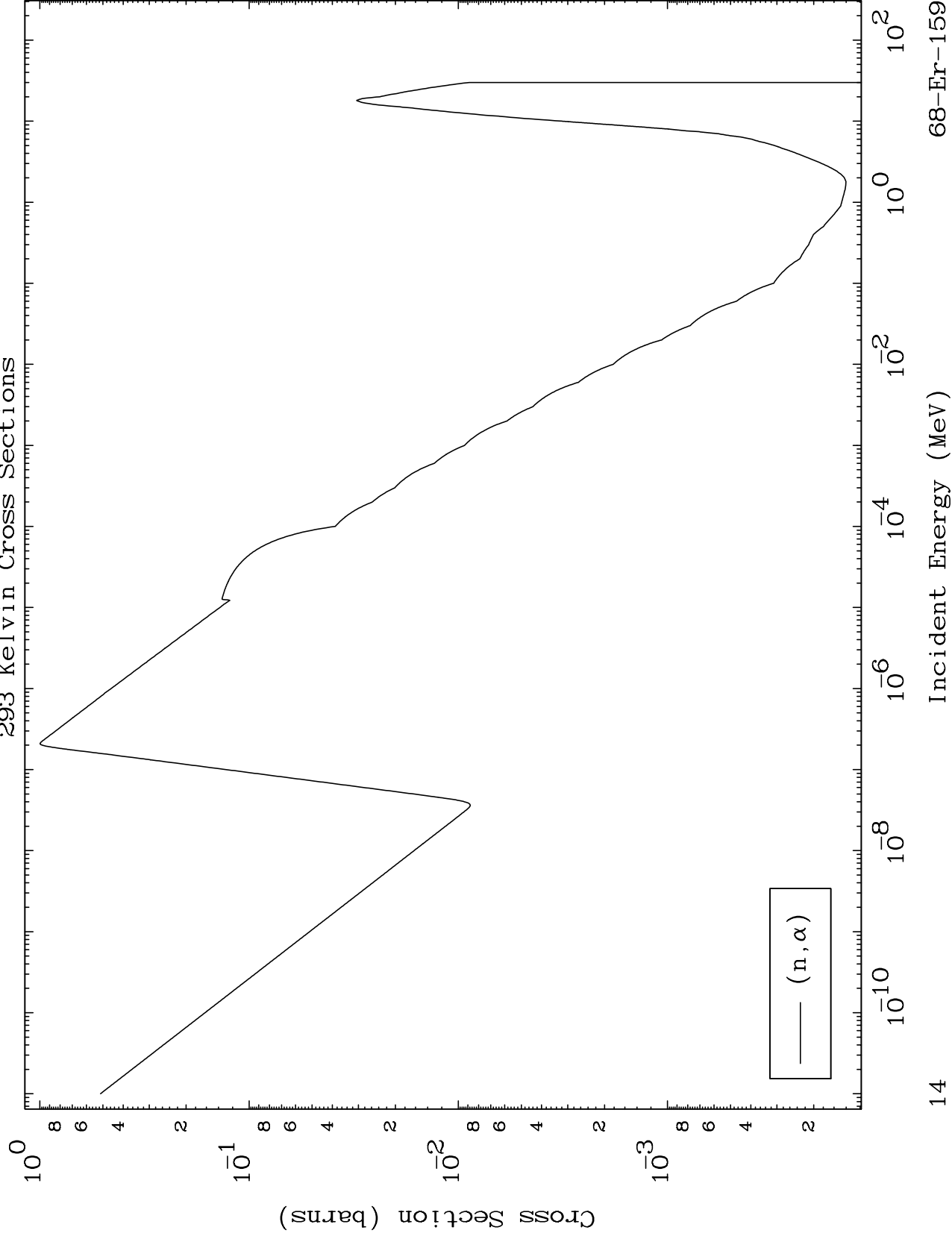
Incident Energy (MeV)

68-Er-159

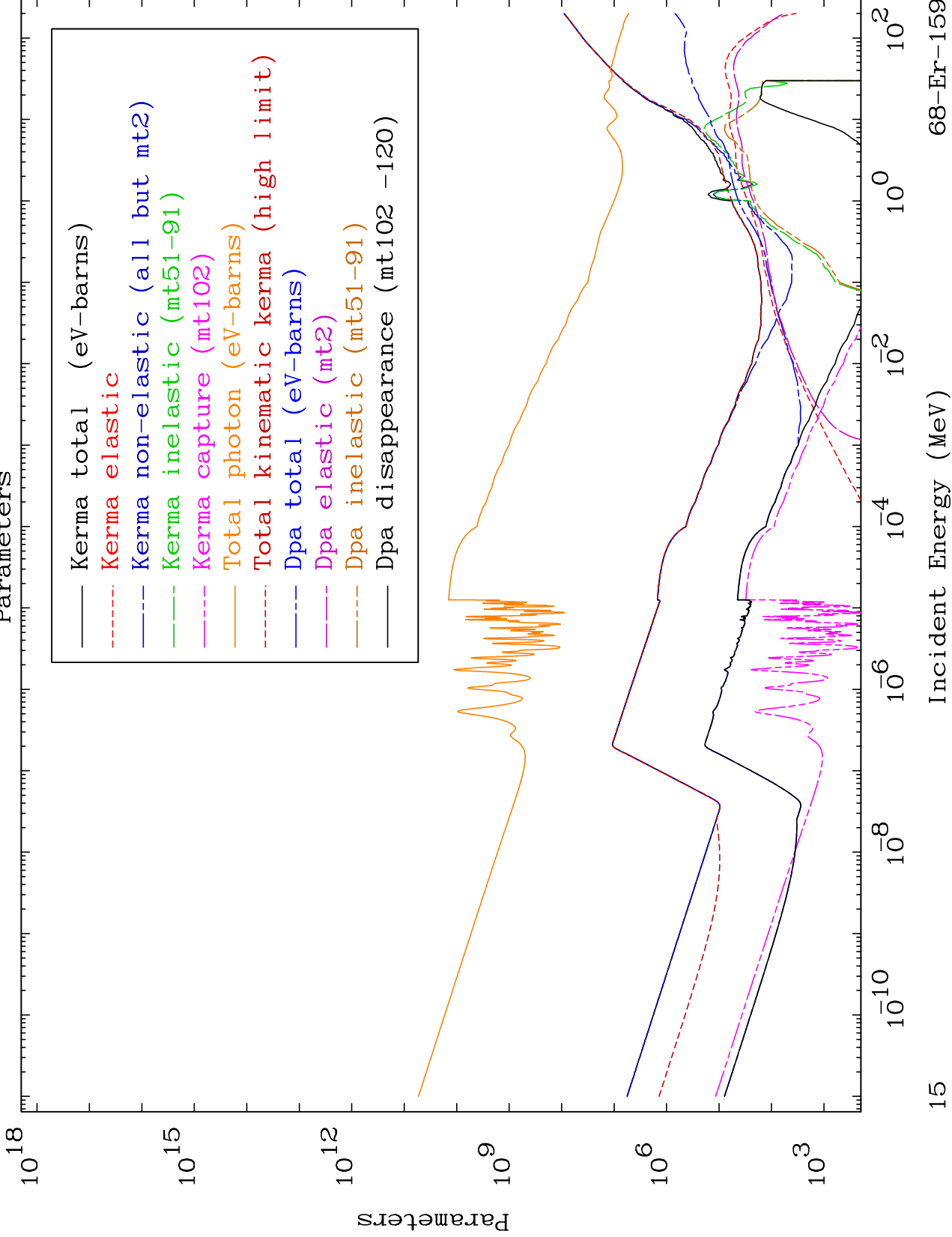
MAT 6816

(n,α) Levels
293 Kelvin Cross Sections

68-Er-159



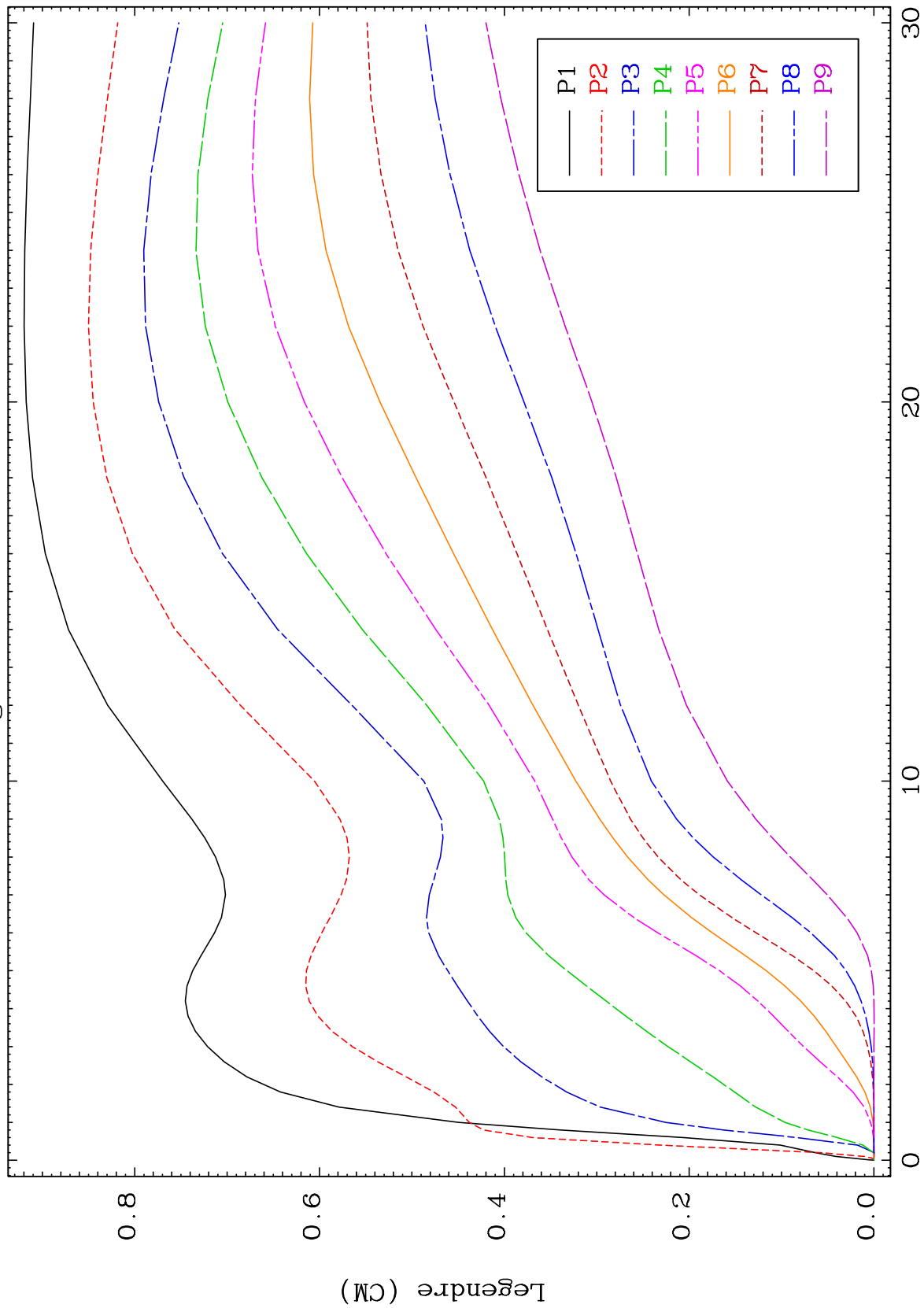
68-Er-159



MAT 6816

Elastic Legendre Coefficients

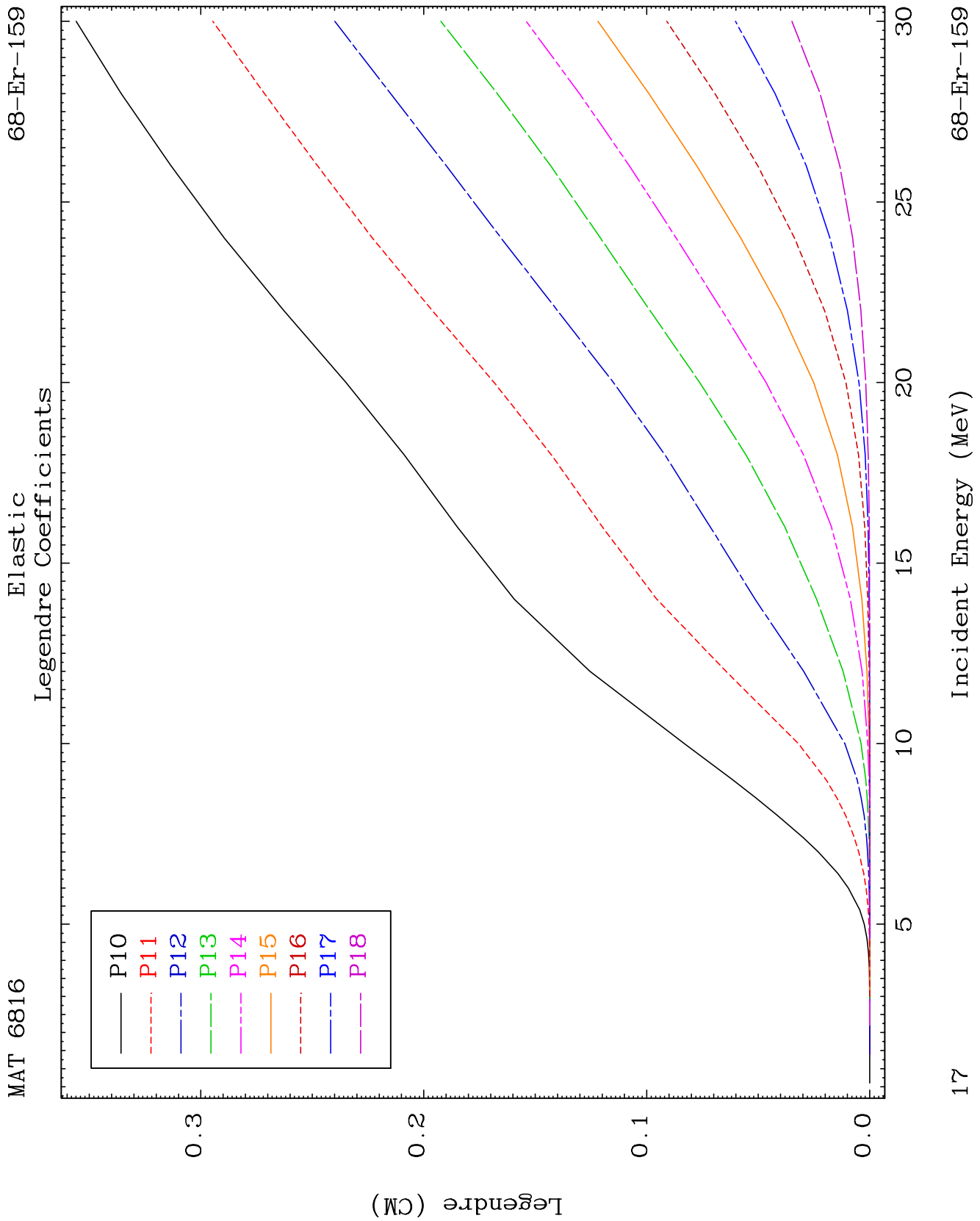
68-Er-159



16

Incident Energy (MeV)

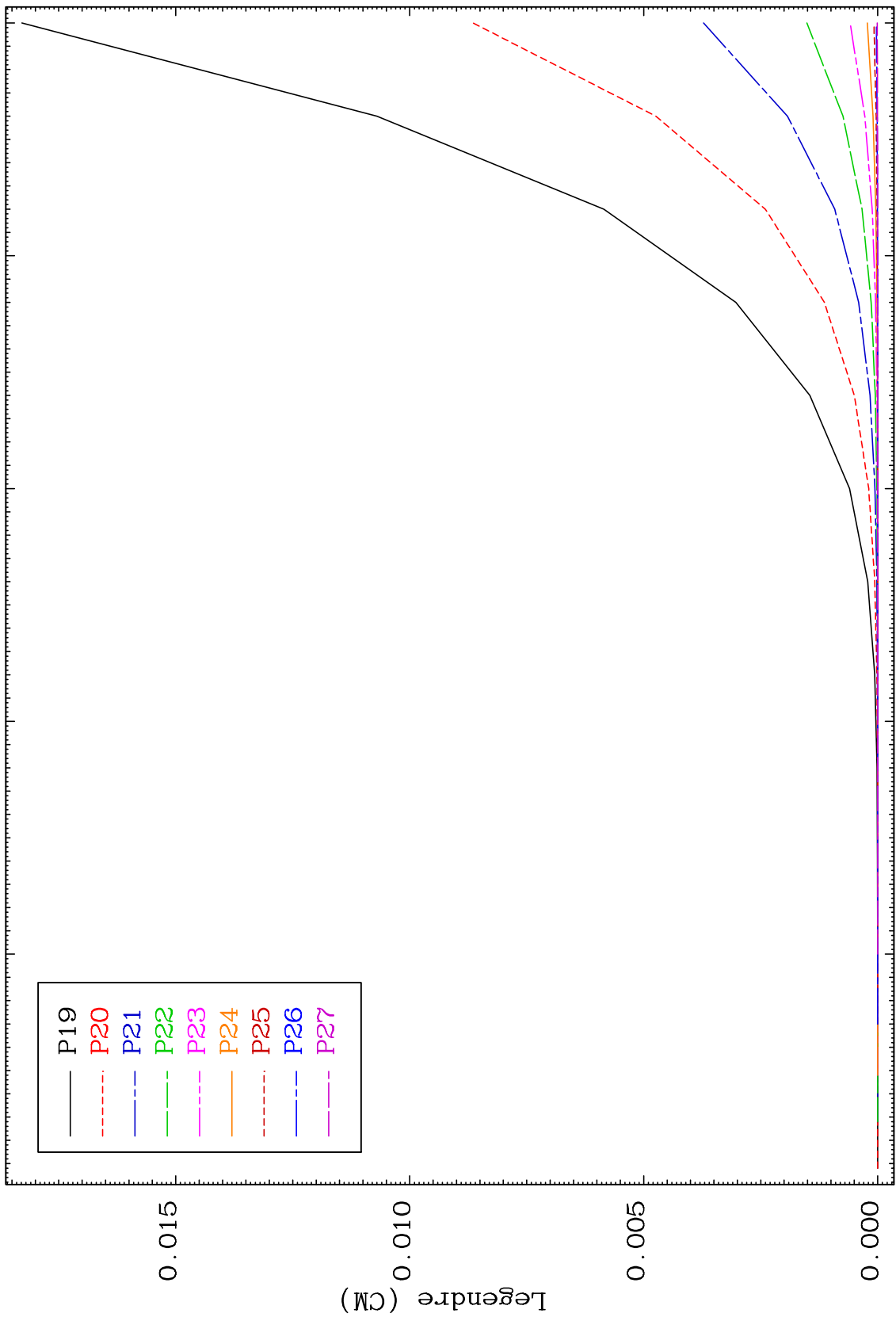
68-Er-159



MAT 6816

Elastic Legendre Coefficients

68-Er-159



18

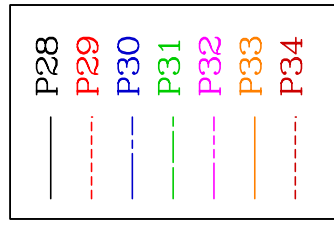
Incident Energy (MeV)

68-Er-159

MAT 6816

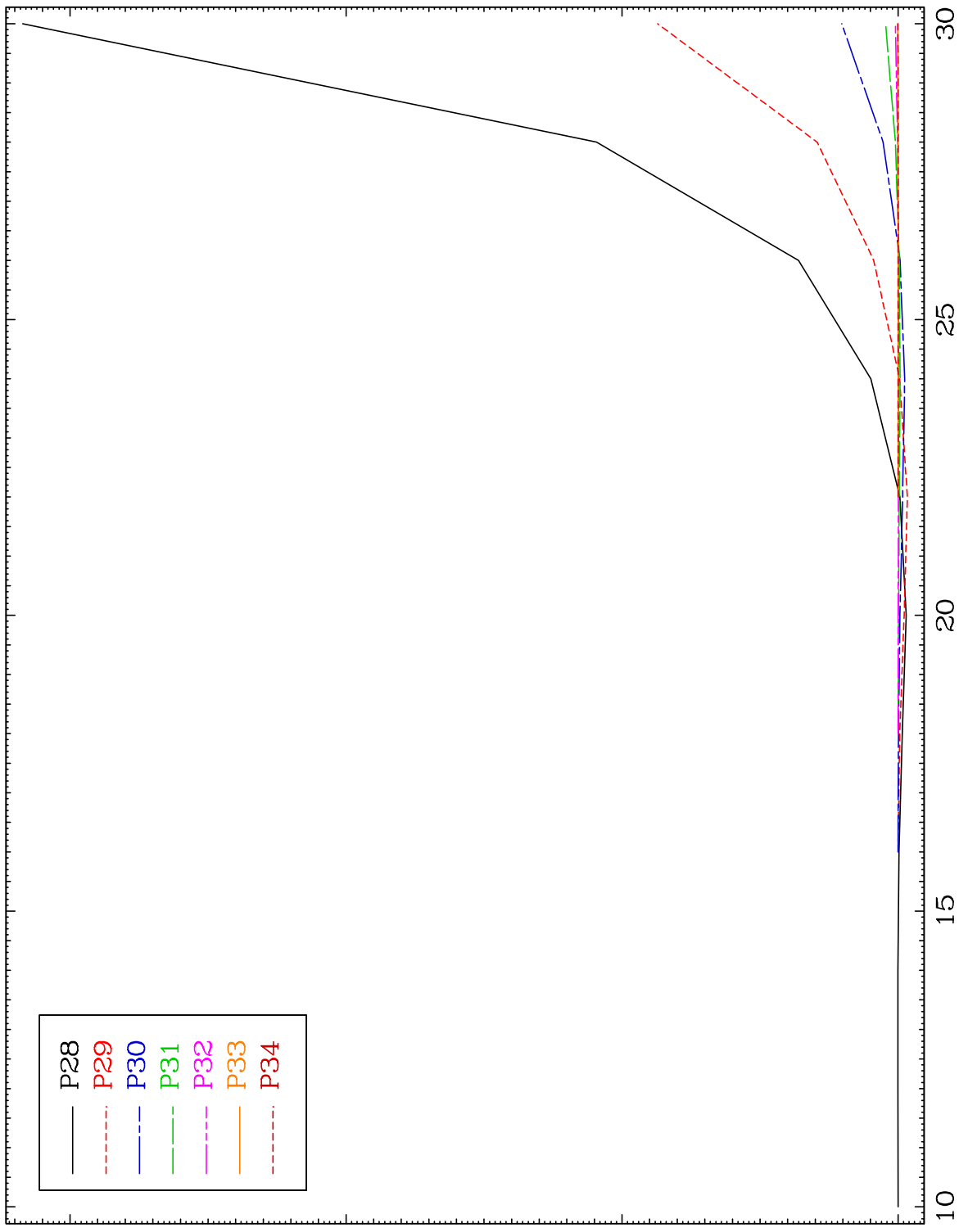
Elastic Legendre Coefficients

68-Er-159



$\times 10^{-6}$

Legendre (CM)



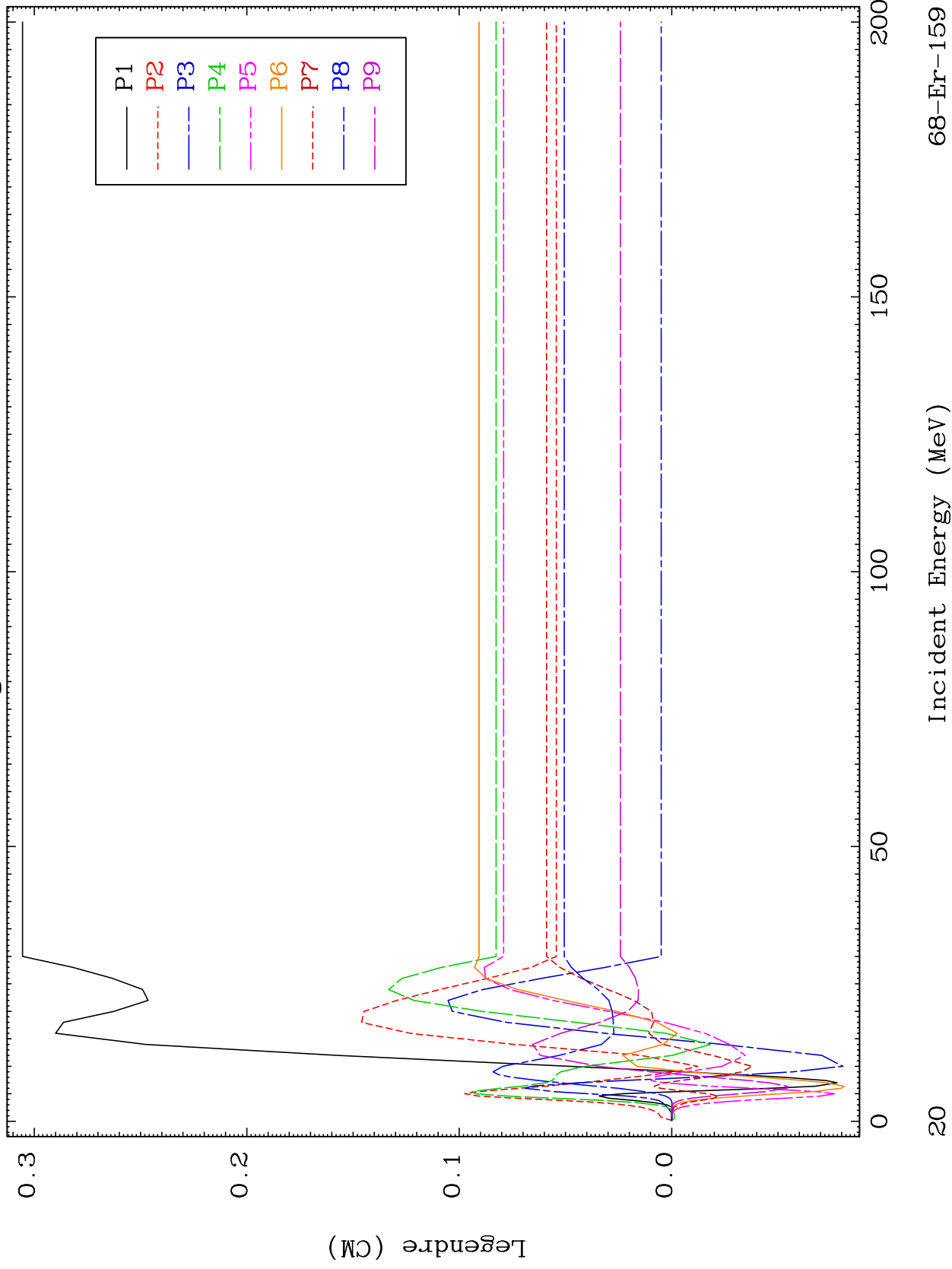
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



68-Er-159

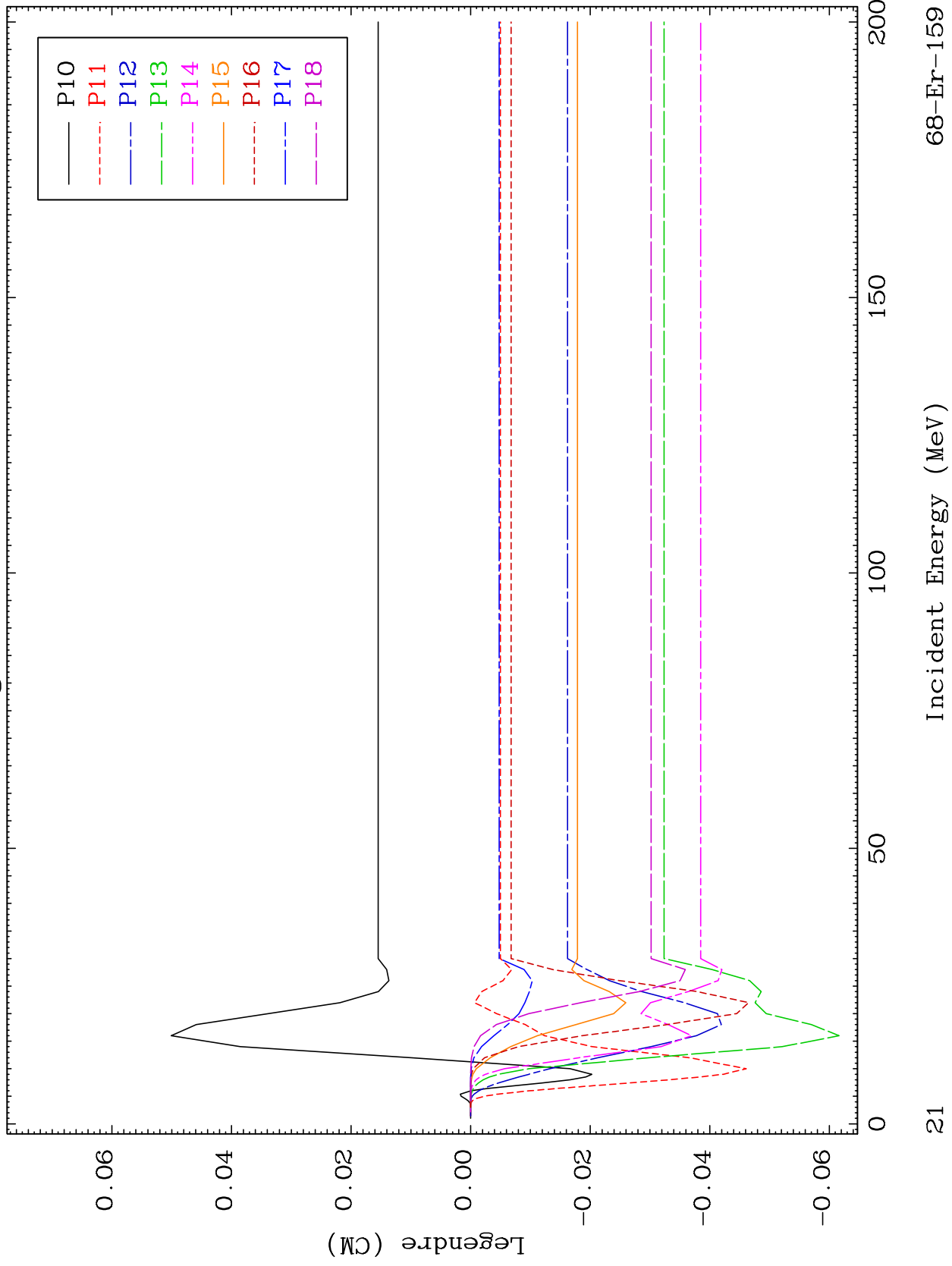
Incident Energy (MeV)

20

MAT 6816

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

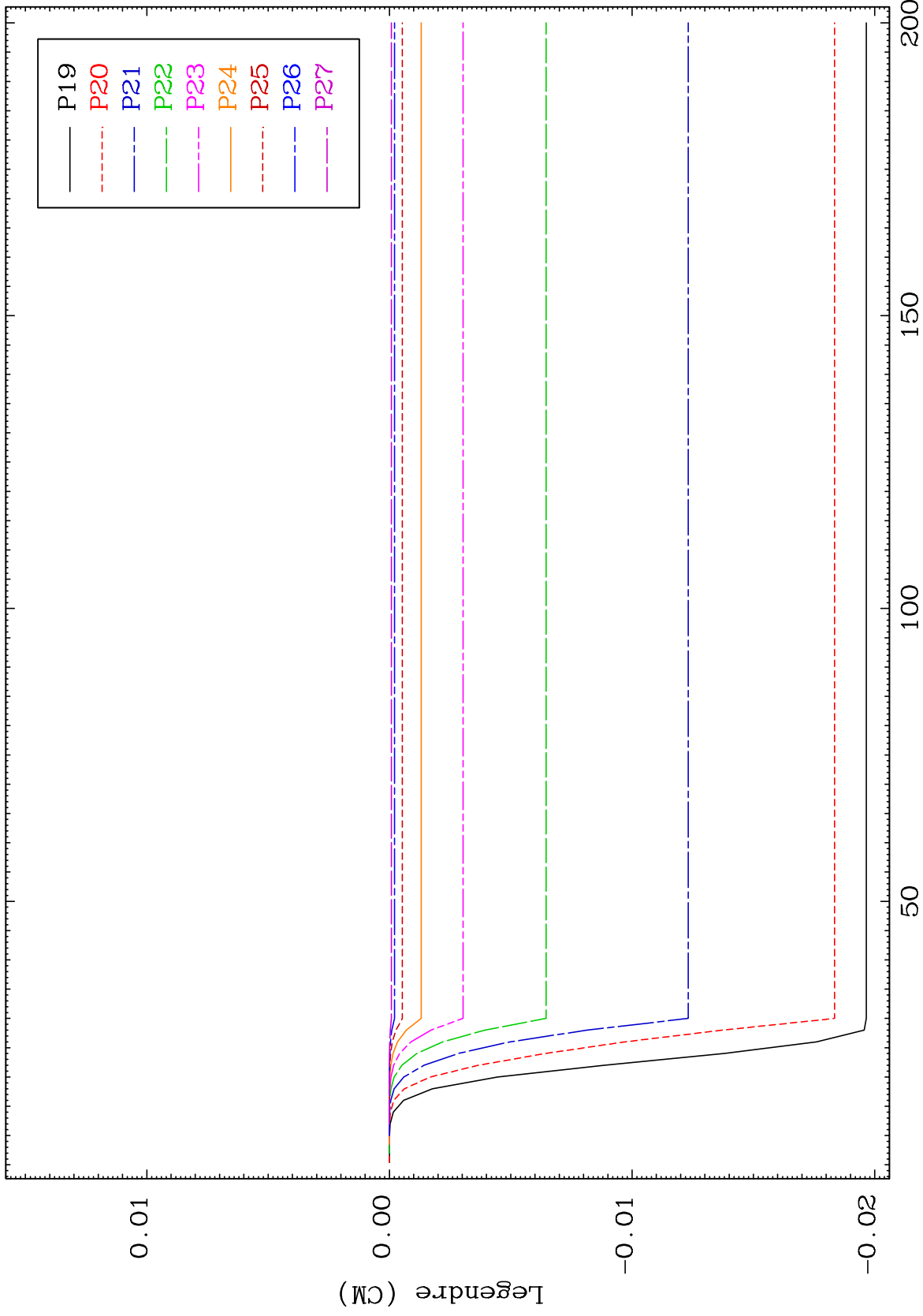
68-Er-159



68-Er-159

Incident Energy (MeV)

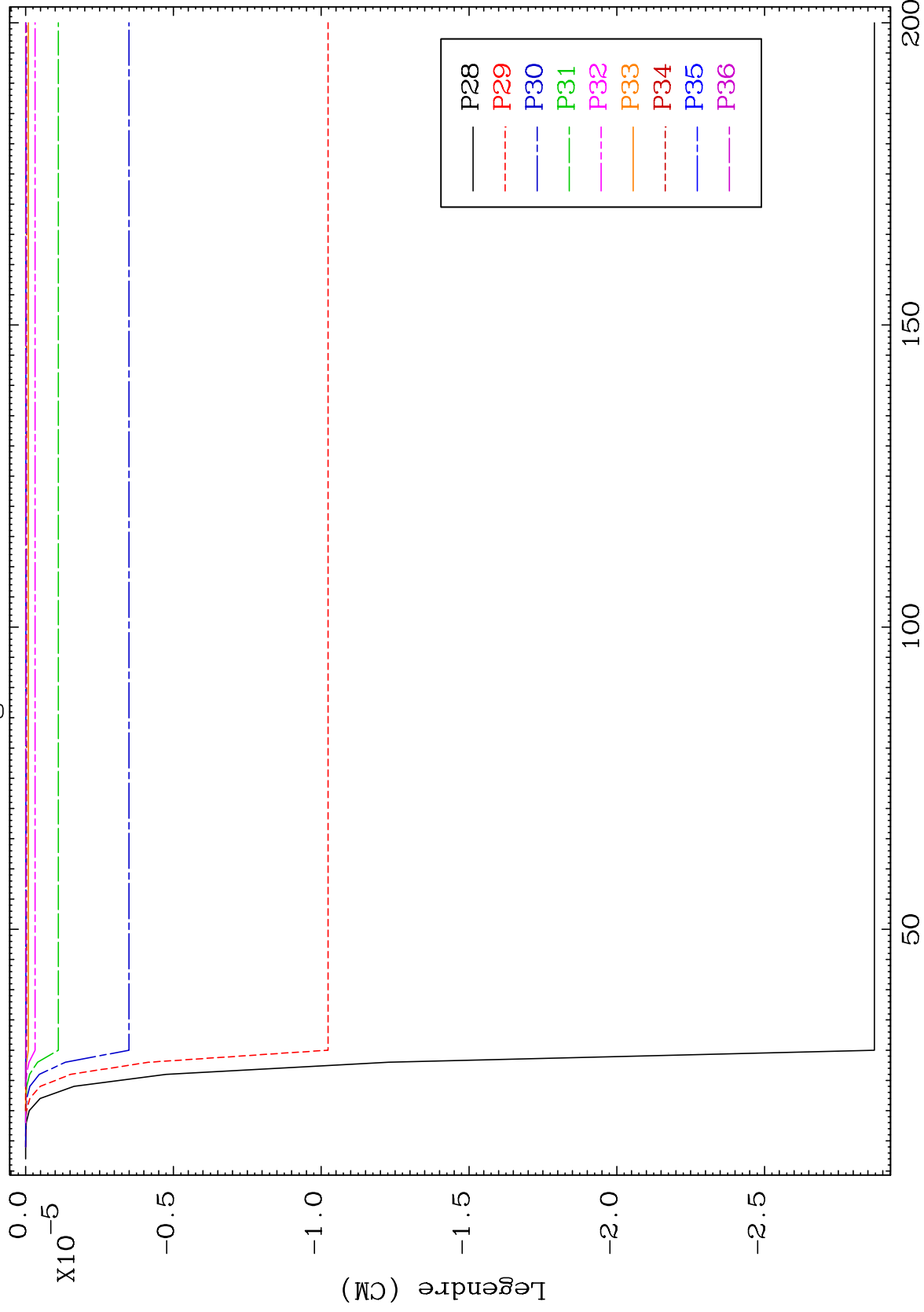
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MAT 6816

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

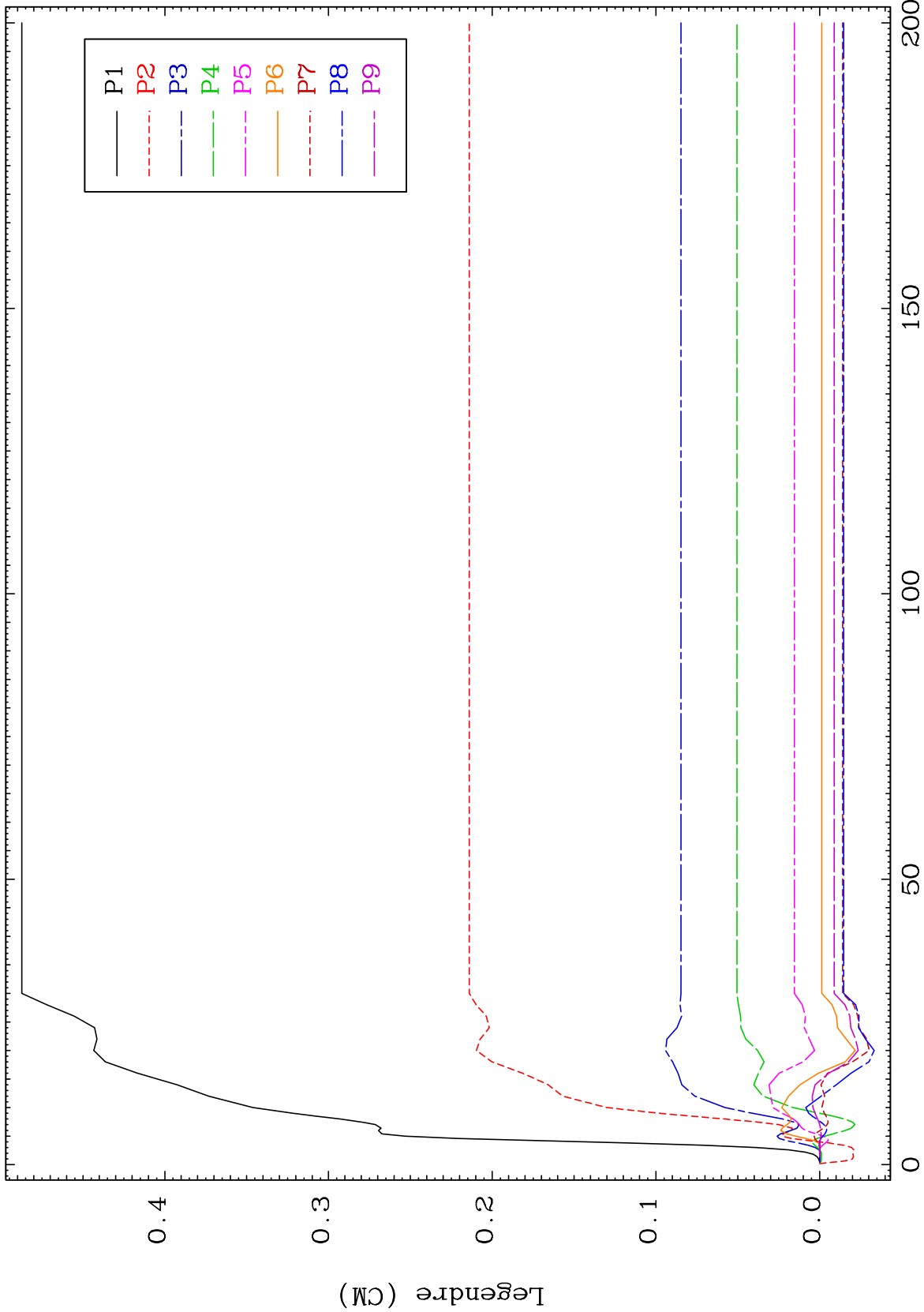
68-Er-159



MAT 6816

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

68-Er-159



68-Er-159

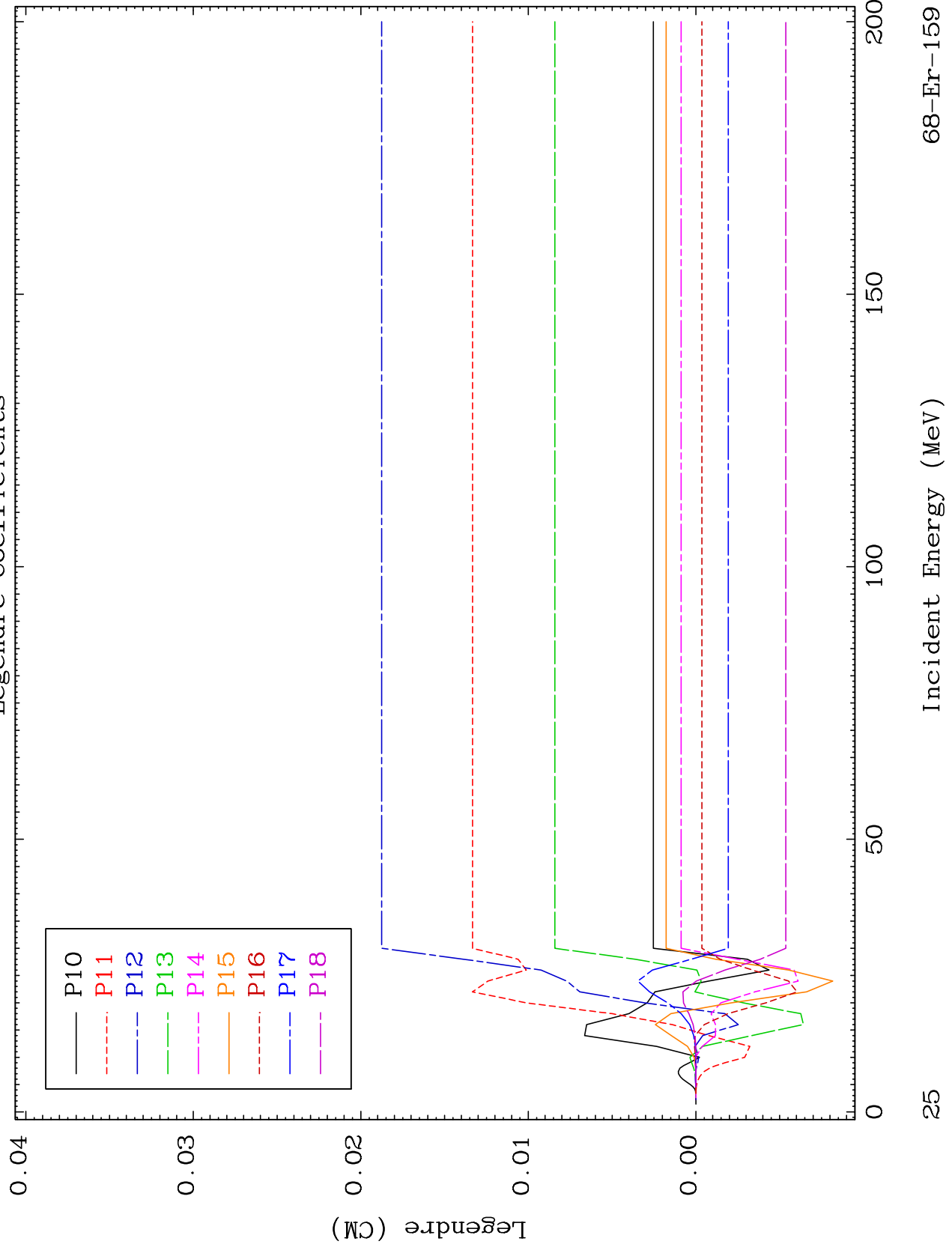
Incident Energy (MeV)

24

MAT 6816

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

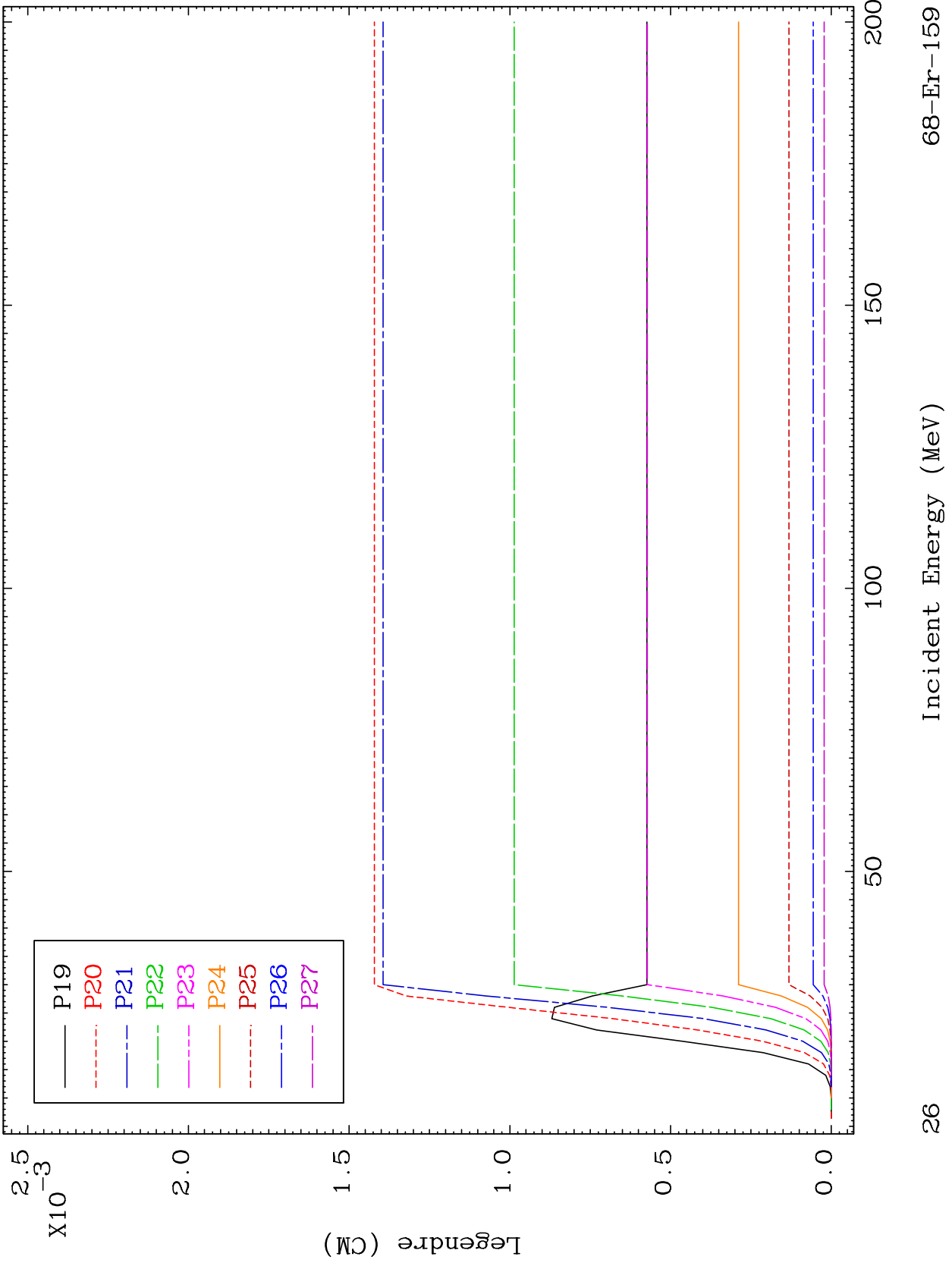
68-Er-159



68-Er-159

Incident Energy (MeV)

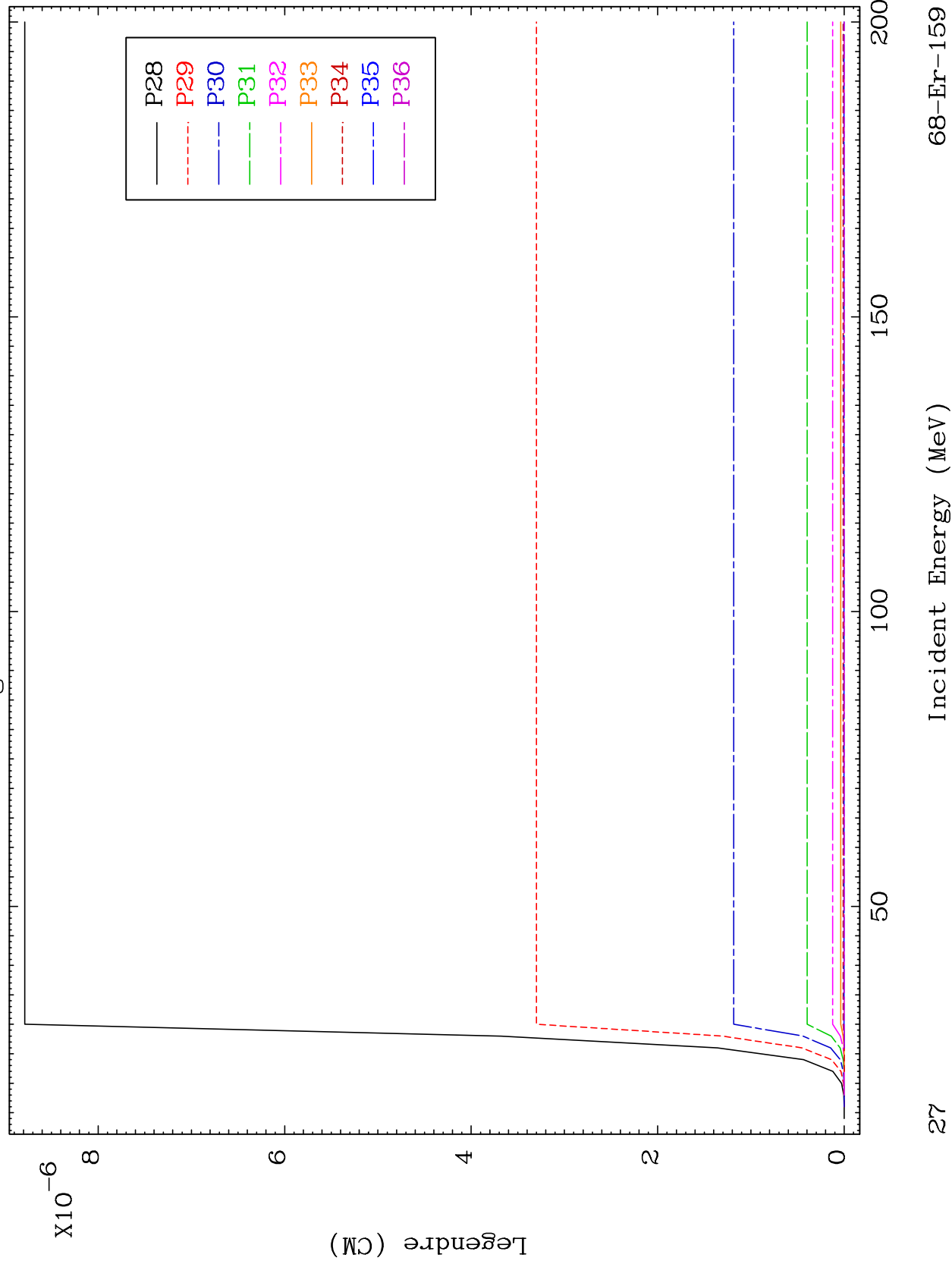
25



MAT 6816

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

68-Er-159



27

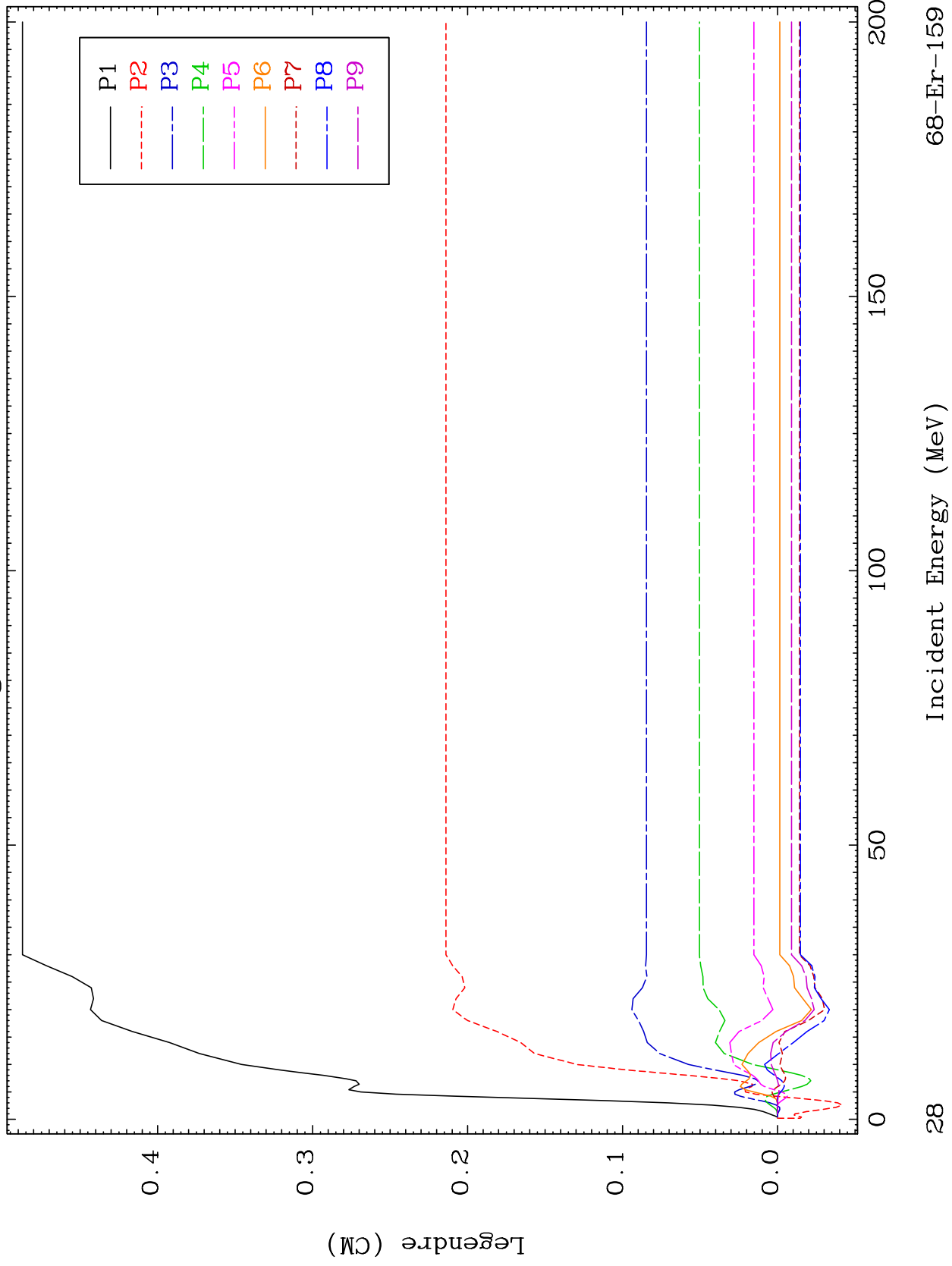
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



68-Er-159

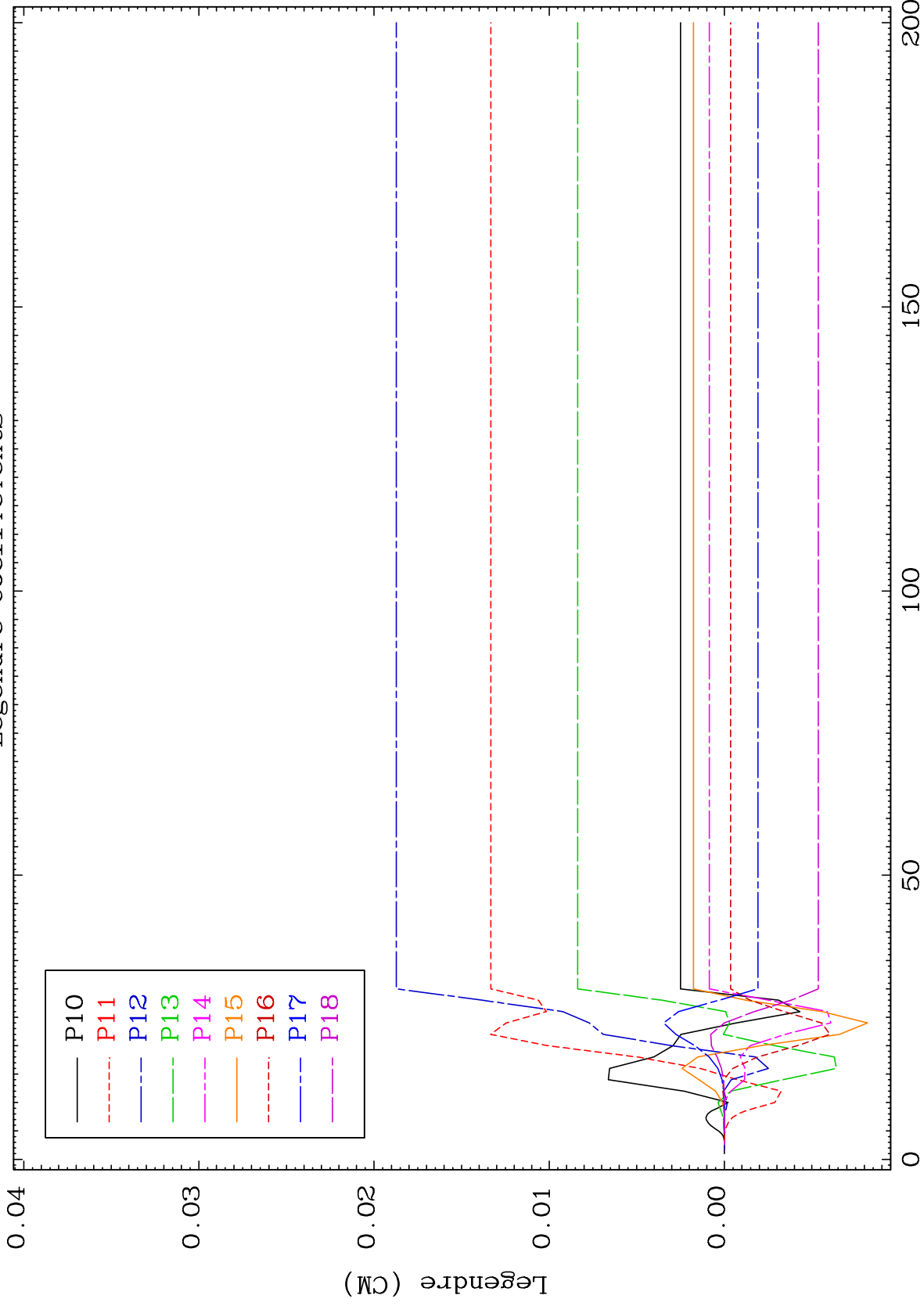
Incident Energy (MeV)

28

MAT 6816

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

68-Er-159



29

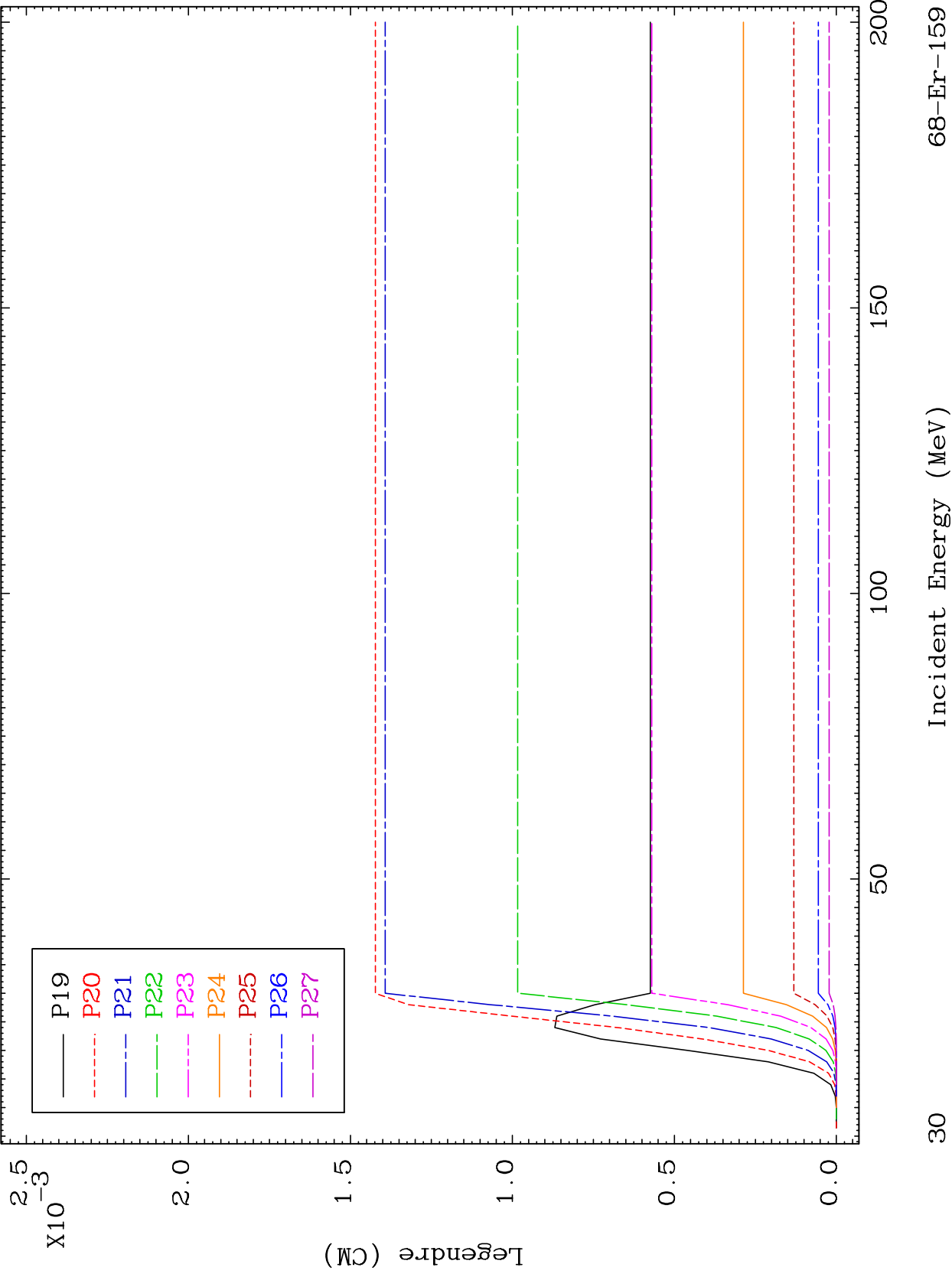
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



30

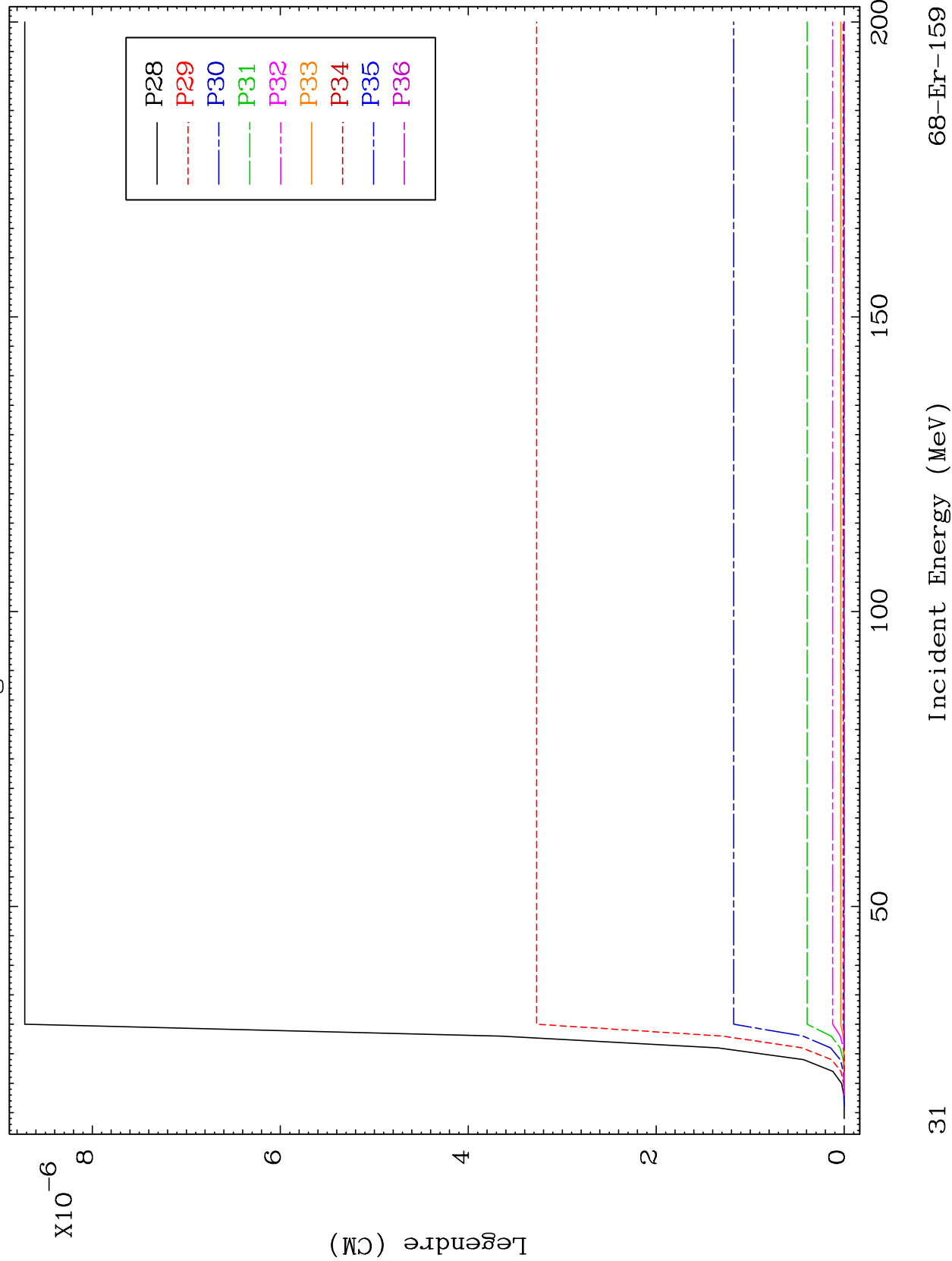
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



31

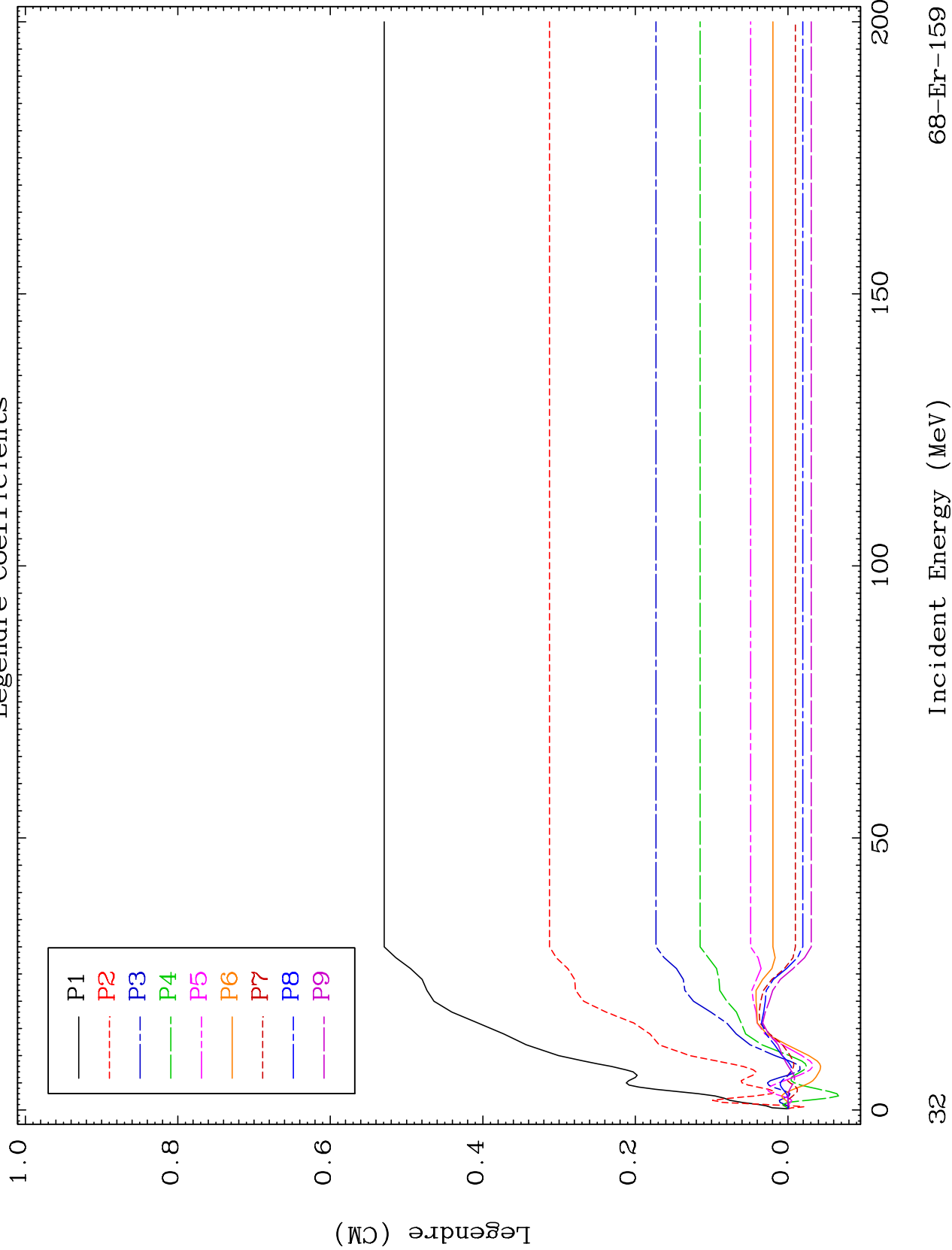
Incident Energy (MeV)

68-Er-159

MAT 6816

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

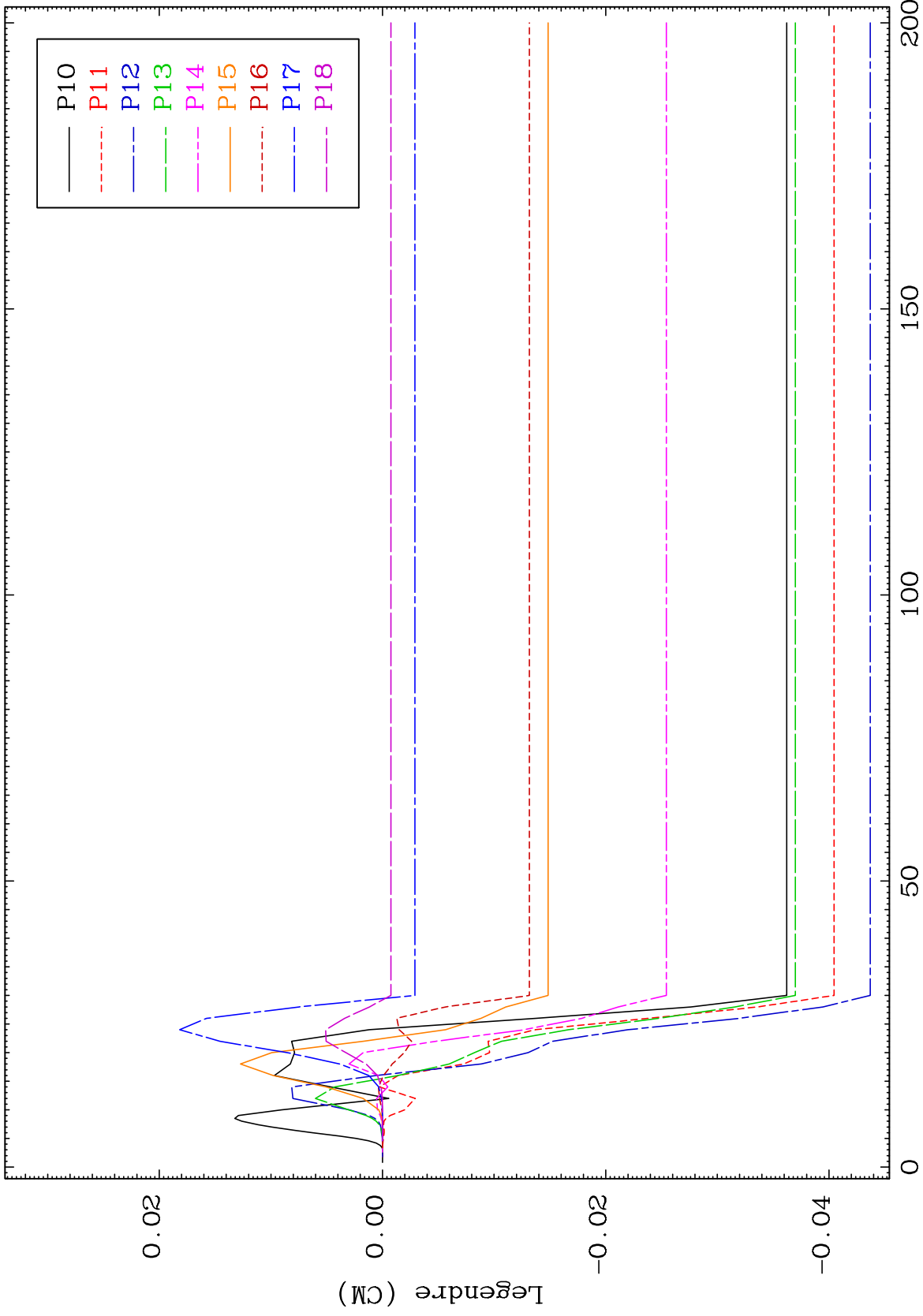
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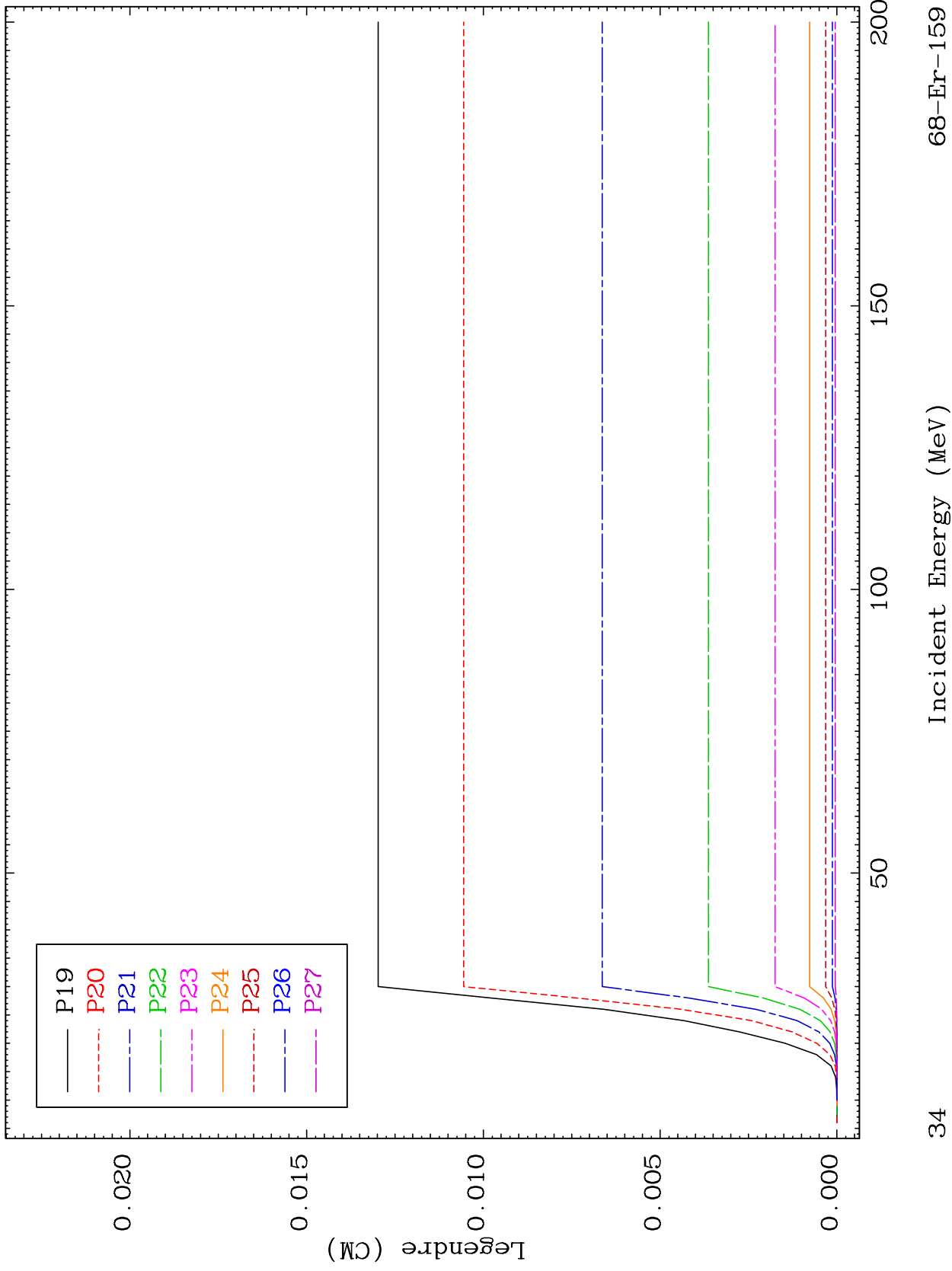


68-Er-159

Incident Energy (MeV)

32

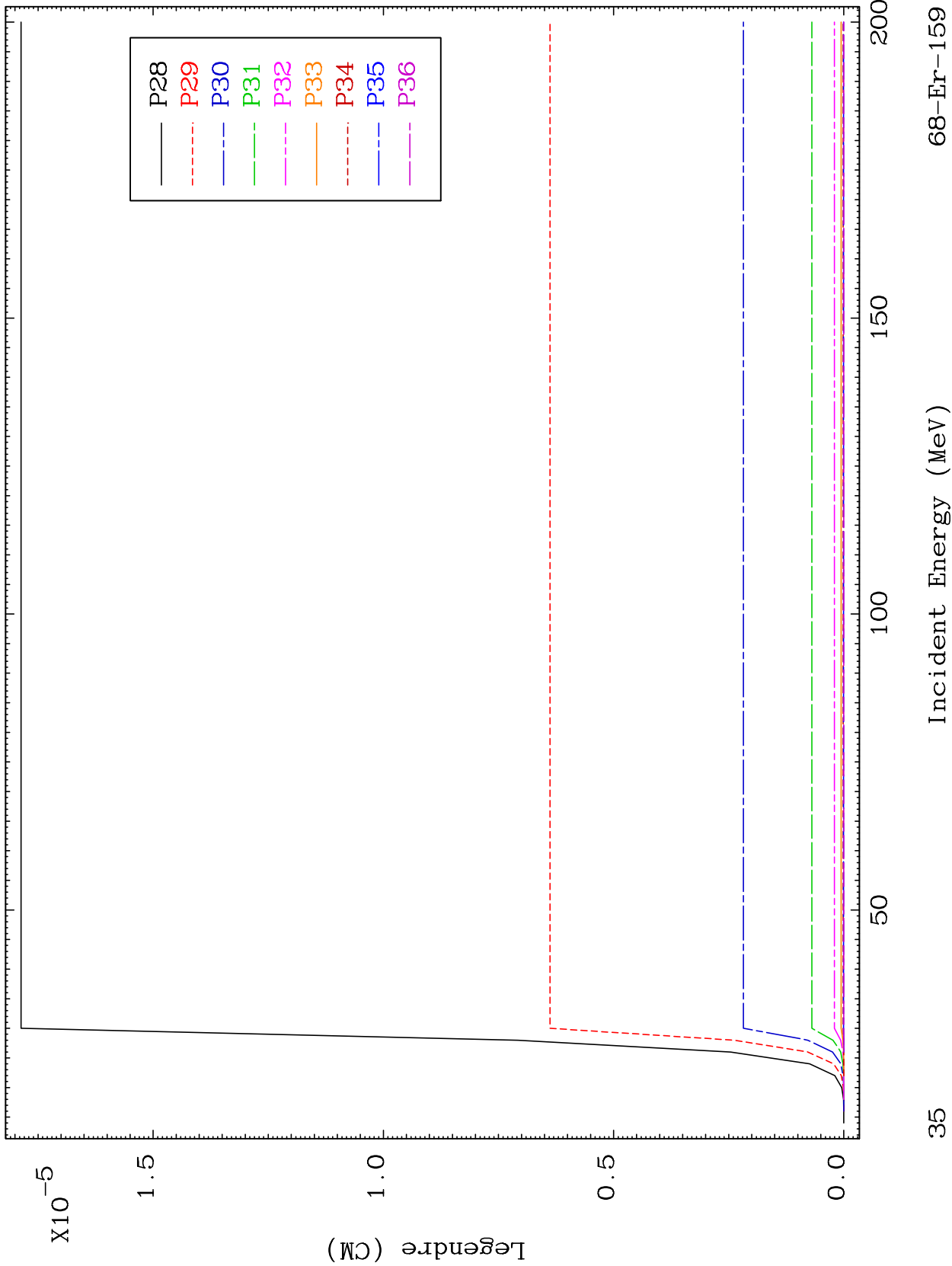




MAT 6816

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

68-Er-159



35

Incident Energy (MeV)

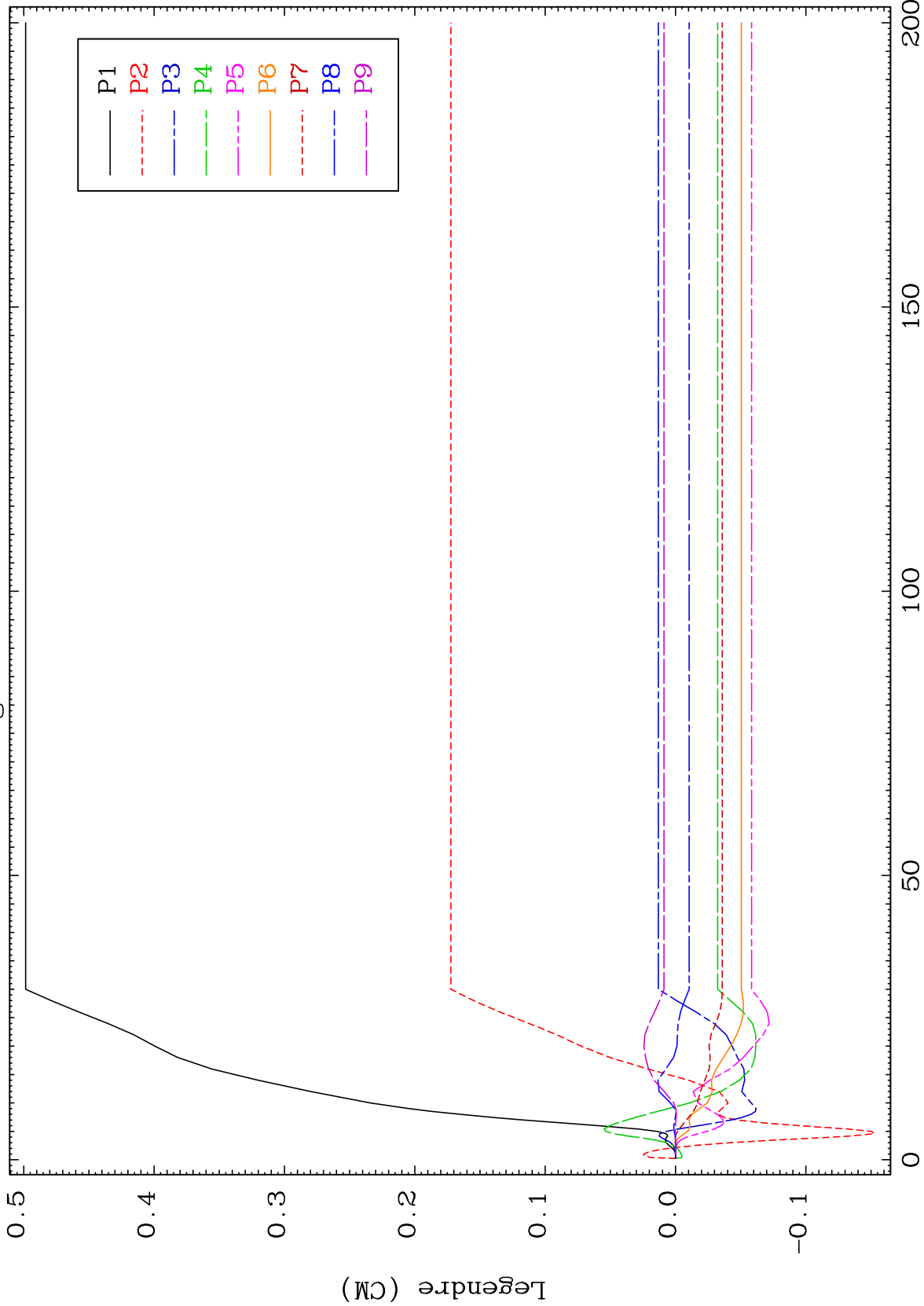
68-Er-159

MAT 6816

MT= 55 (n,n') Level

68-Er-159

Legendre Coefficients



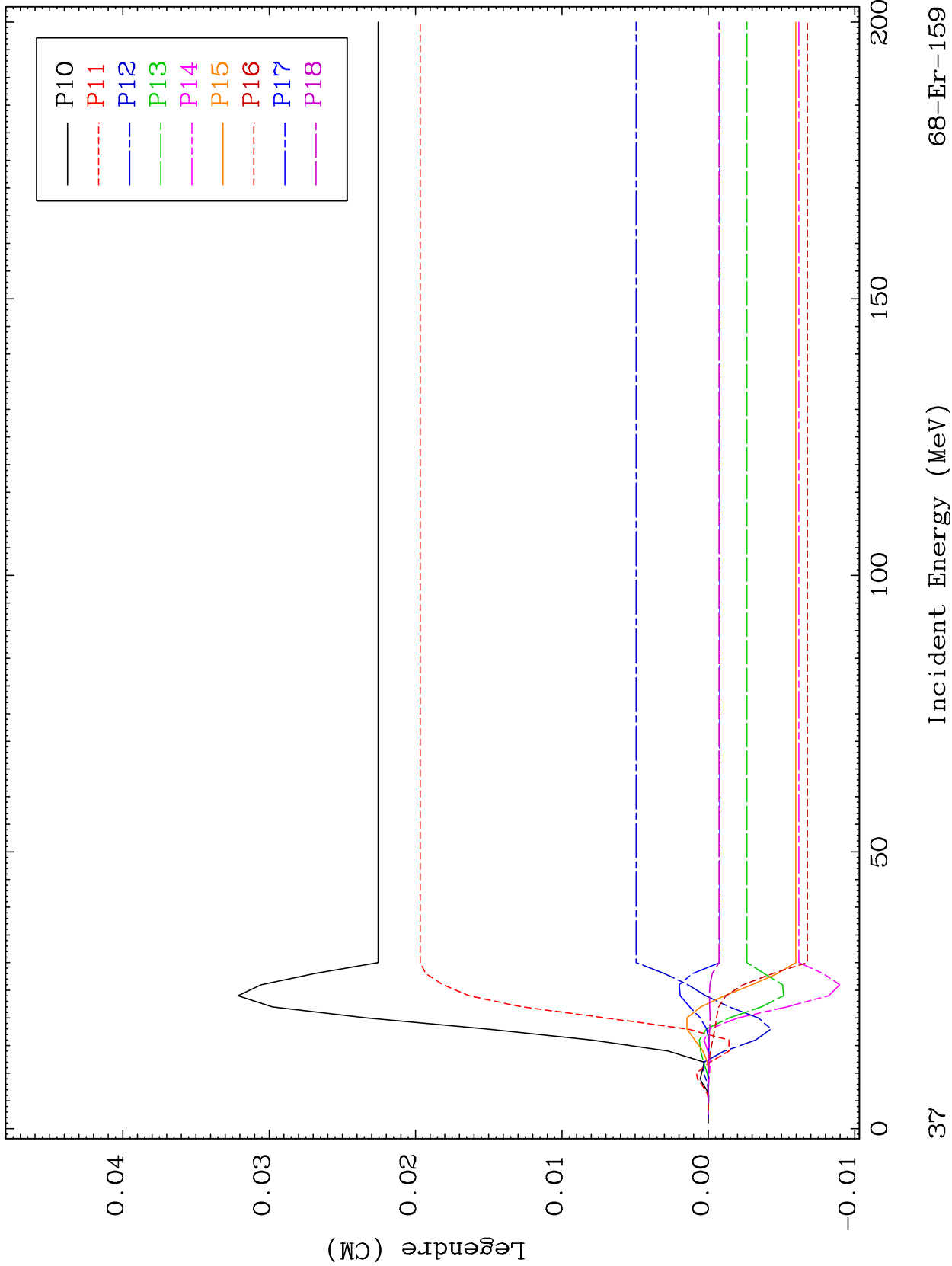
36

68-Er-159

MAT 6816

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

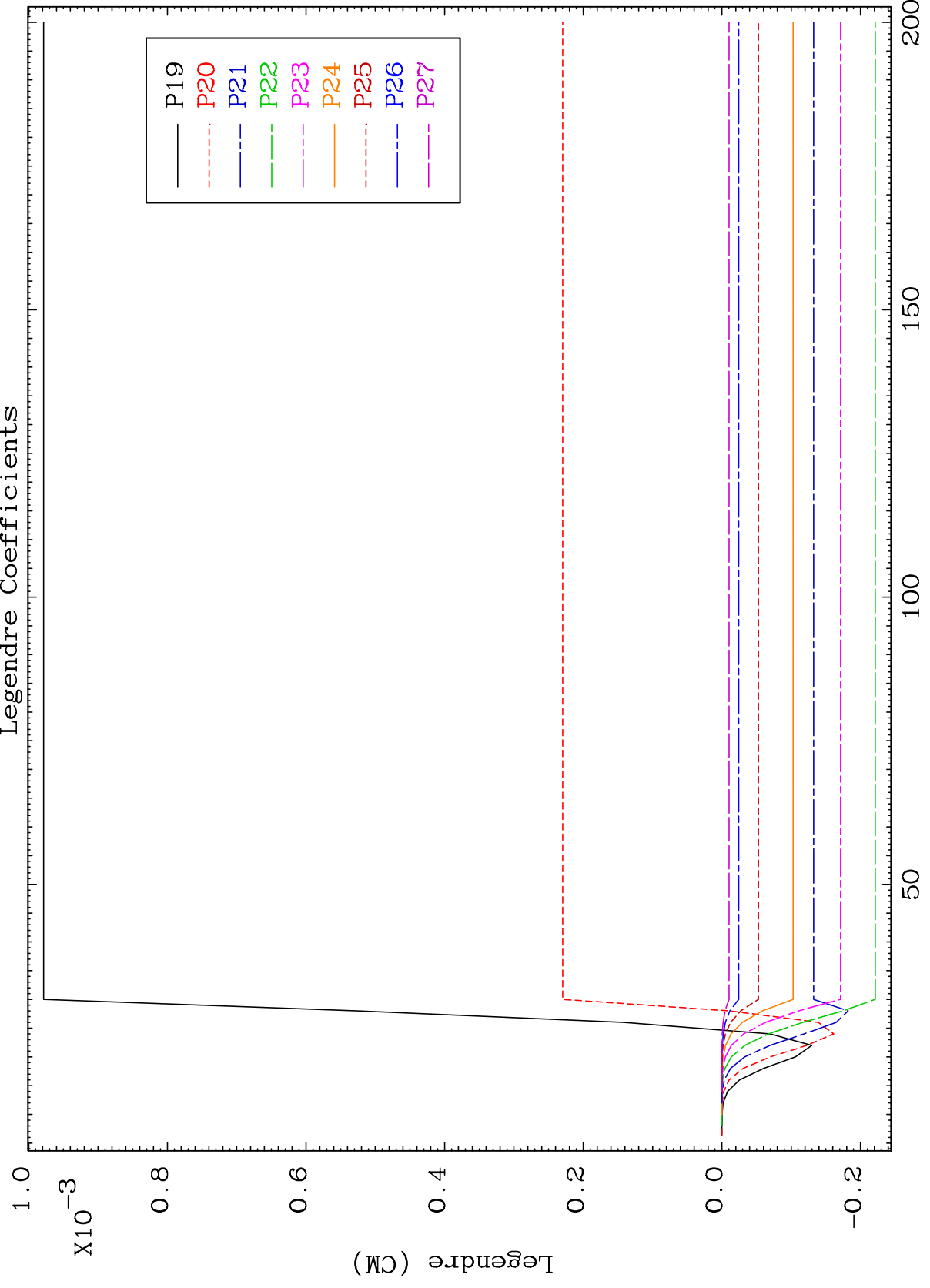
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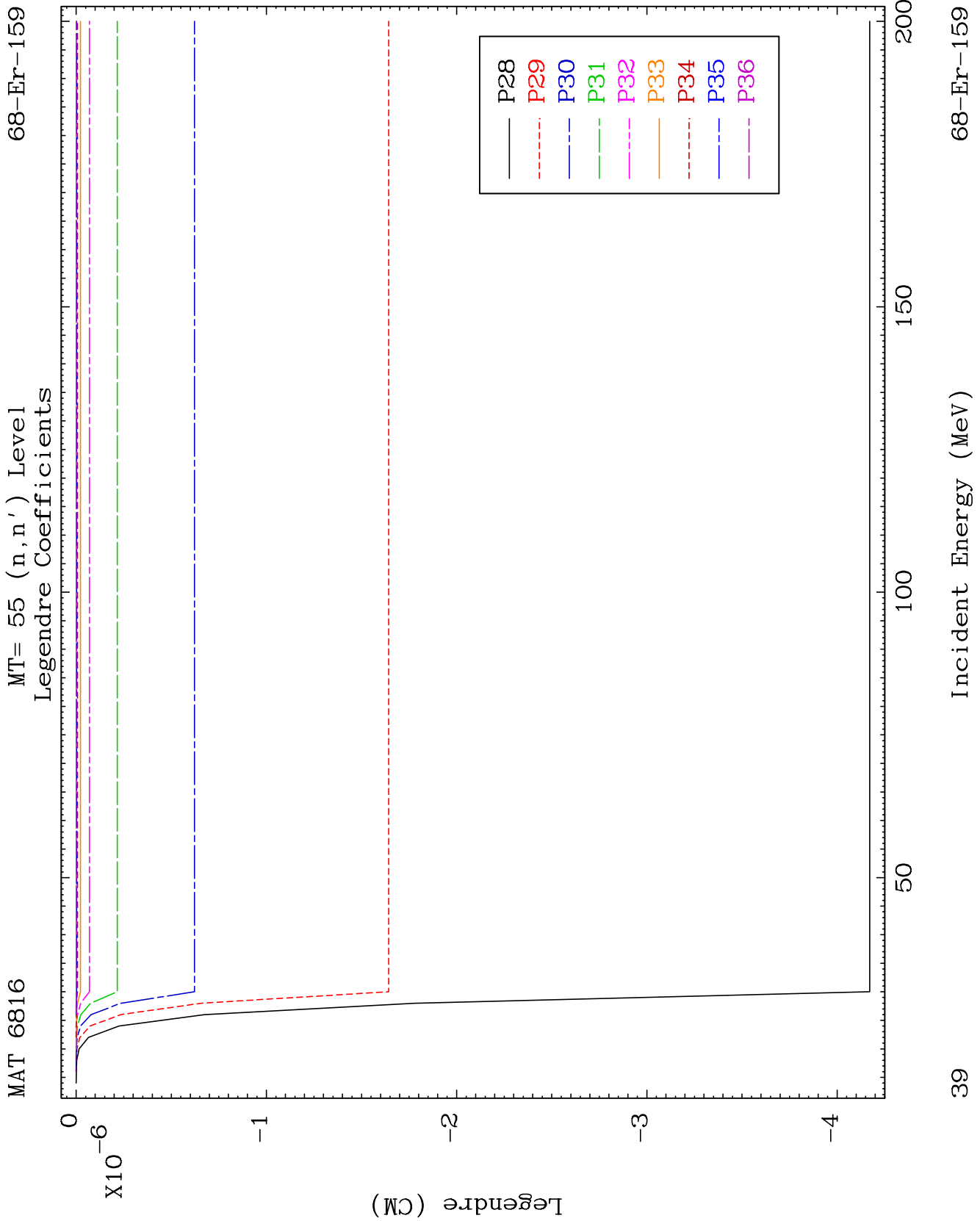


37

Incident Energy (MeV)

68-Er-159

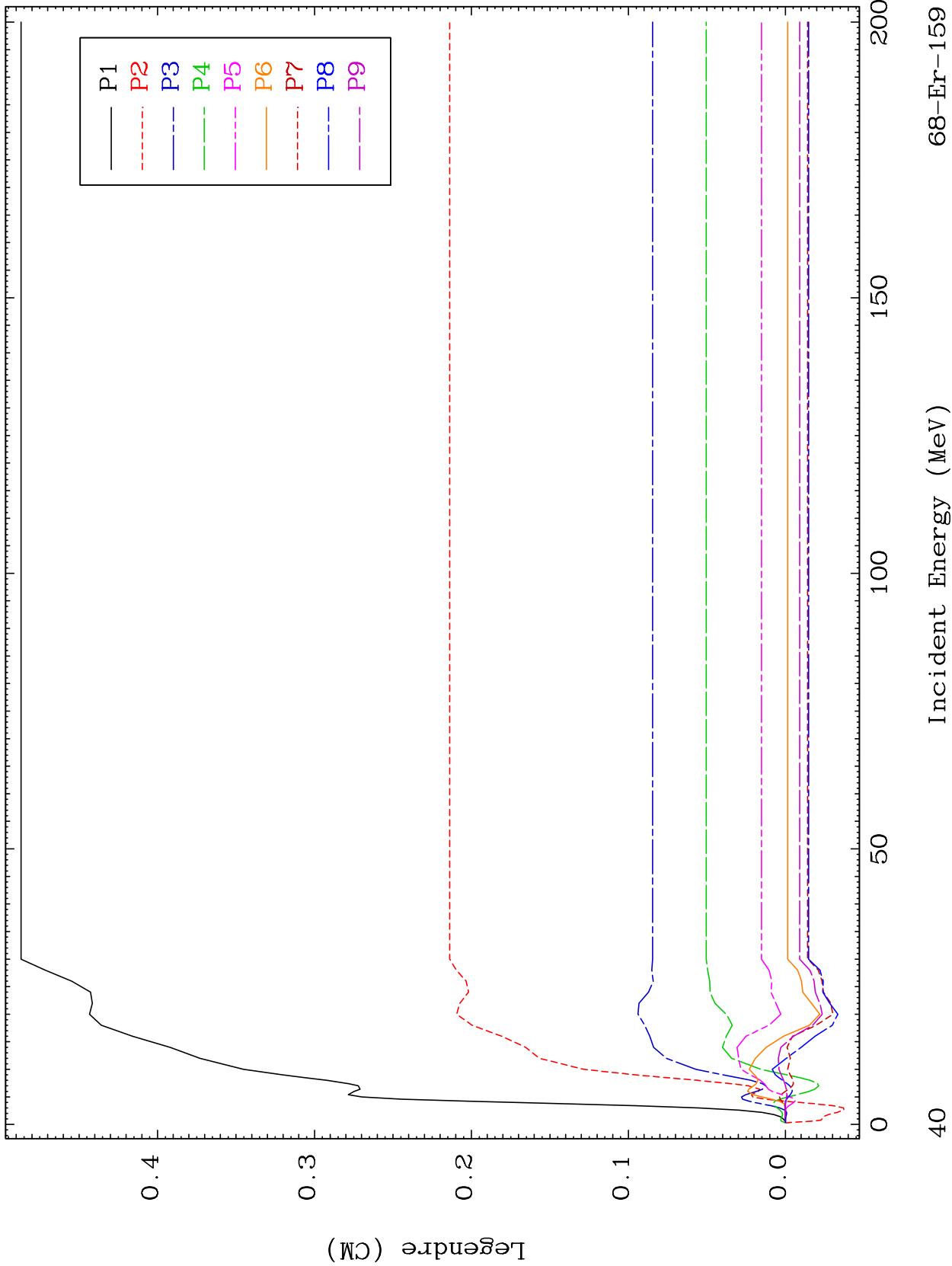




MAT 6816

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

68-Er-159



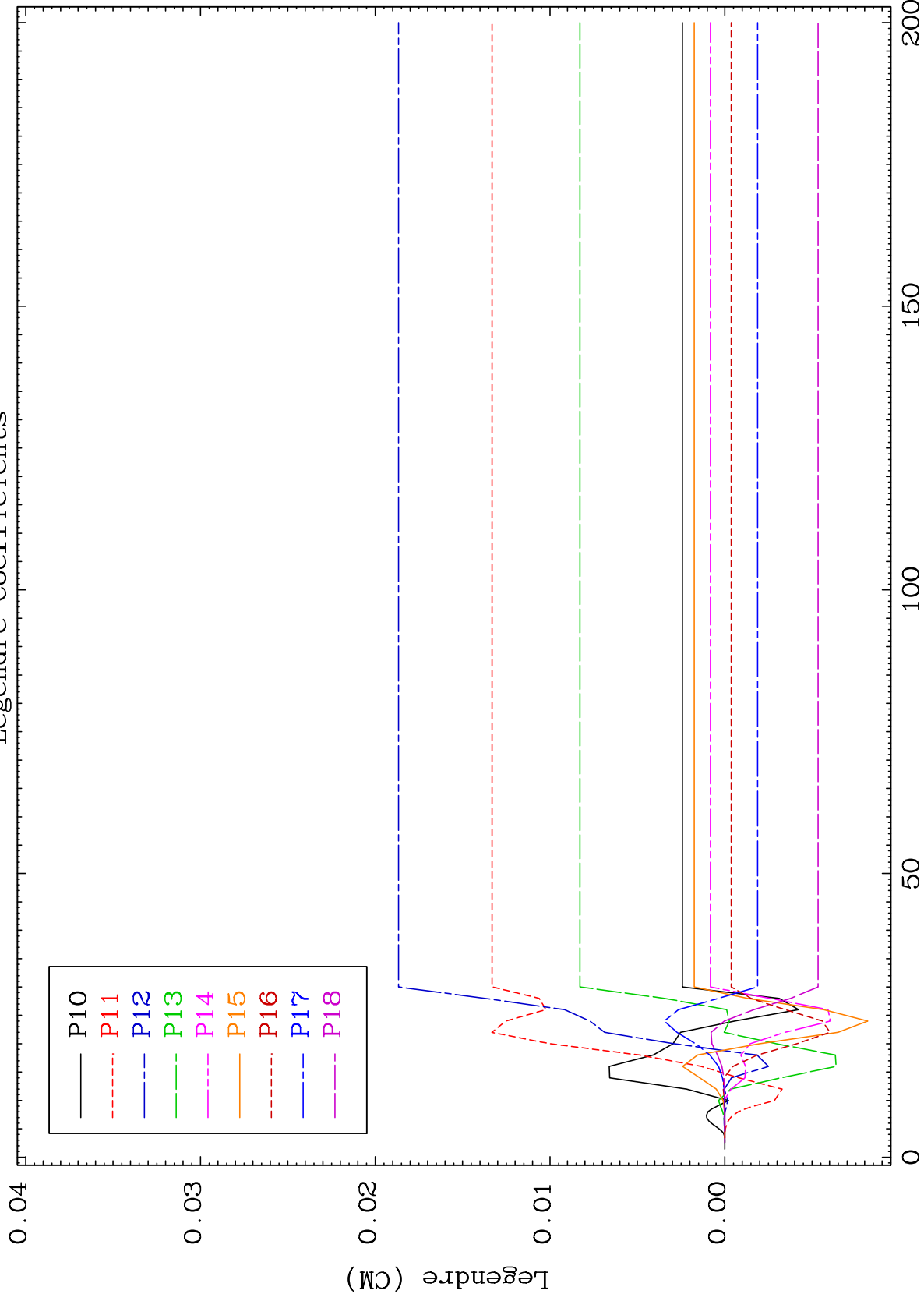
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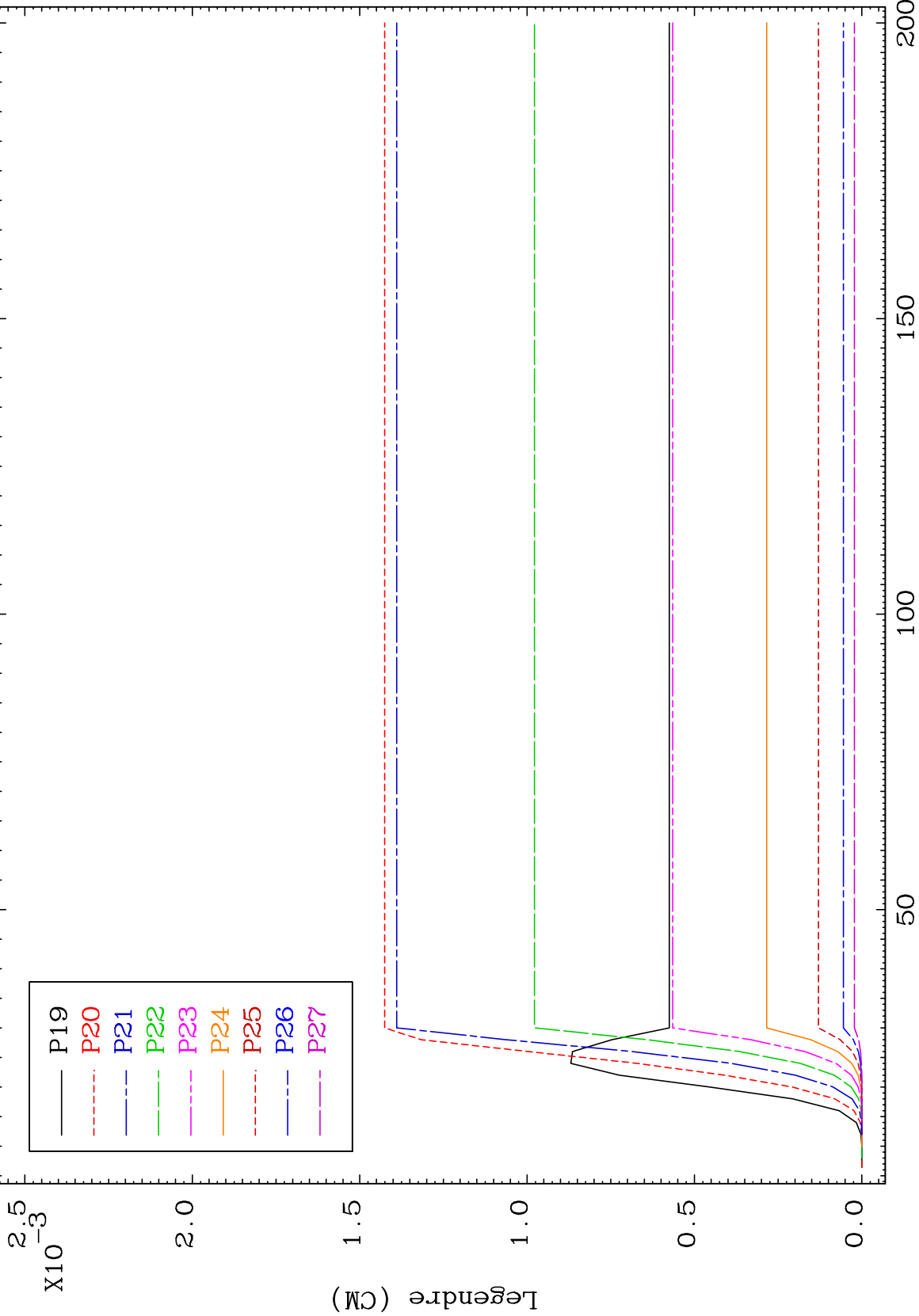
Incident Energy (MeV)

MAT 6816

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

68-Er-159

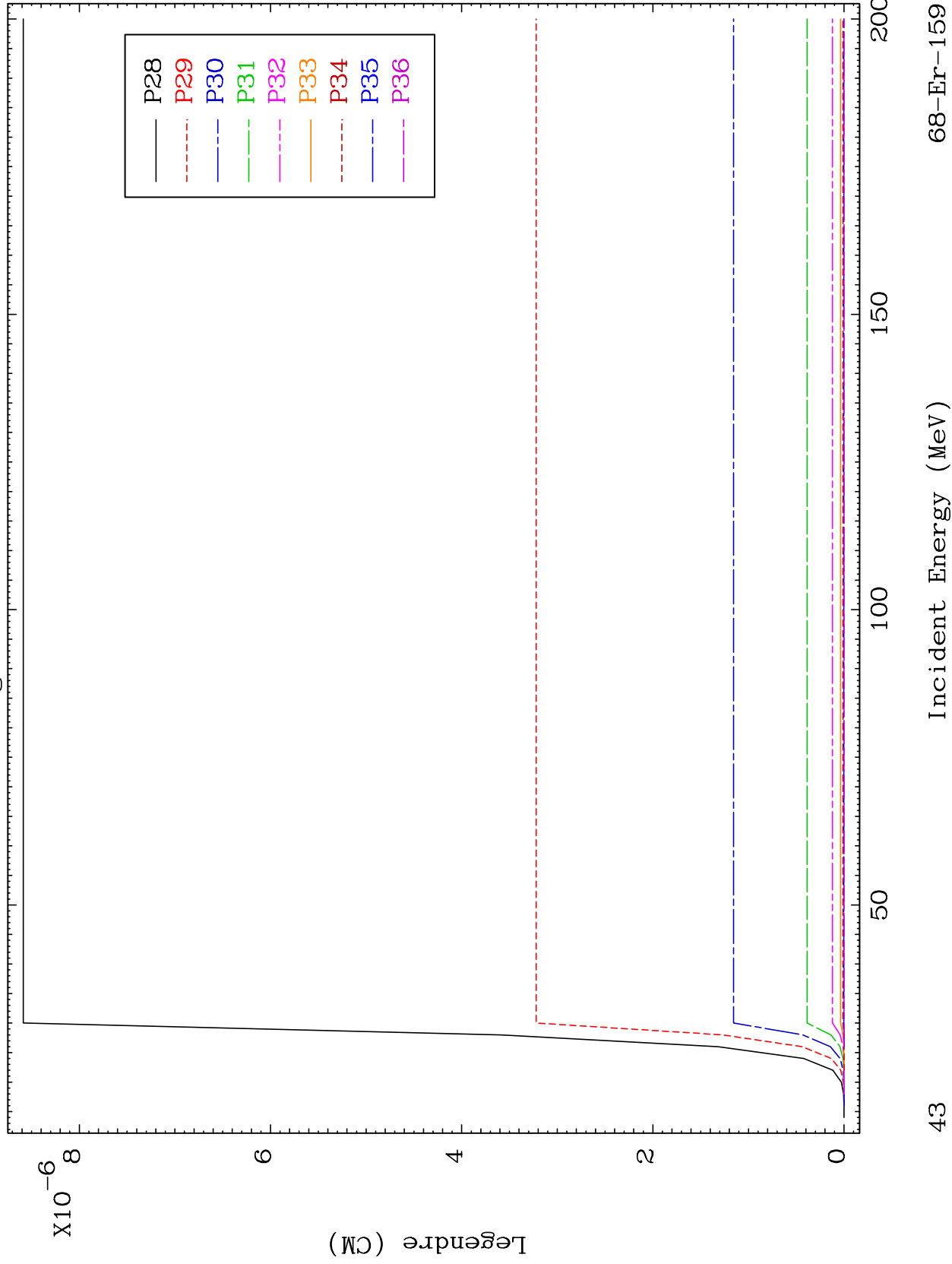




MAT 6816

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

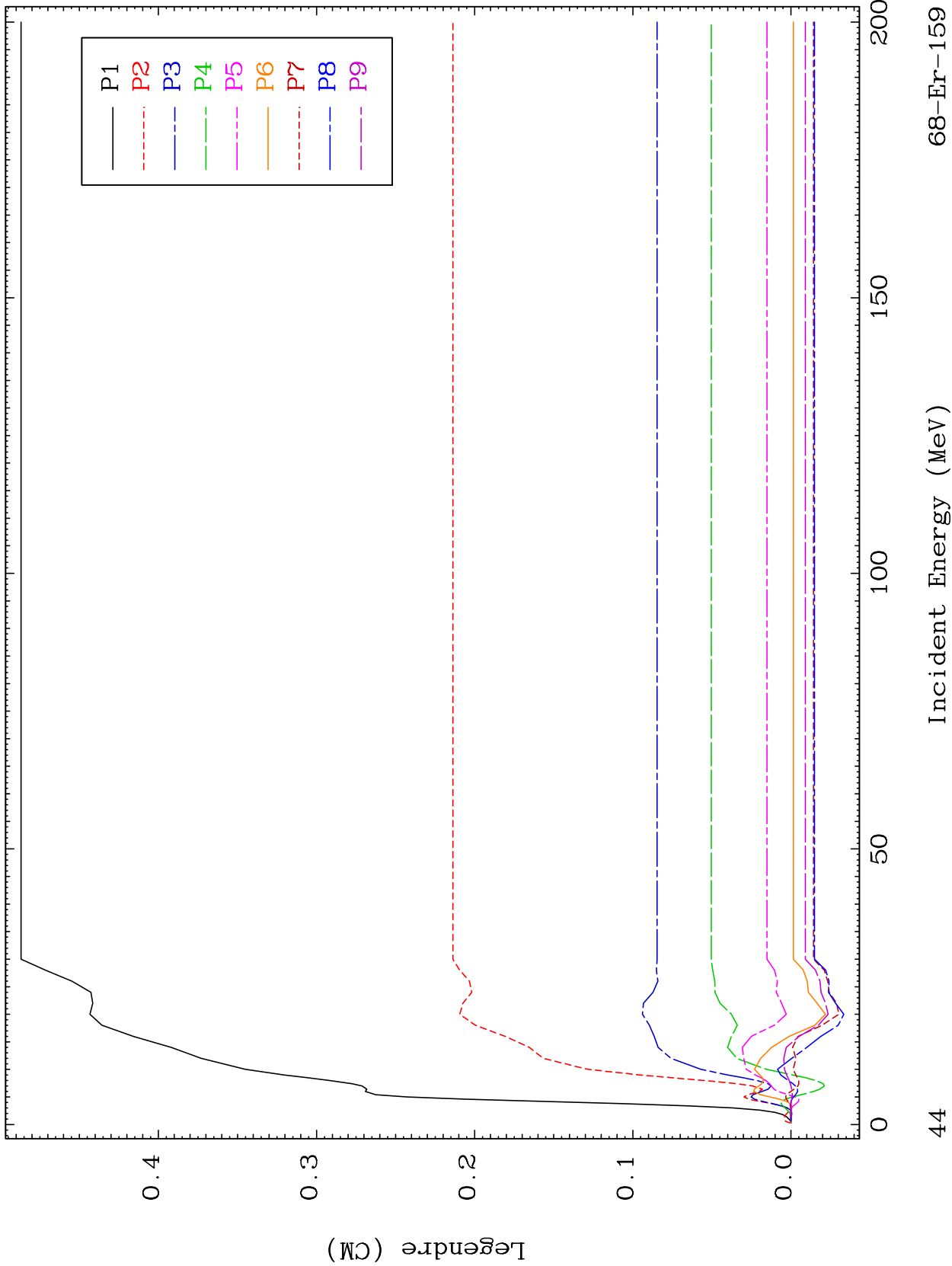
68-Er-159



MAT 6816

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

68-Er-159



68-Er-159

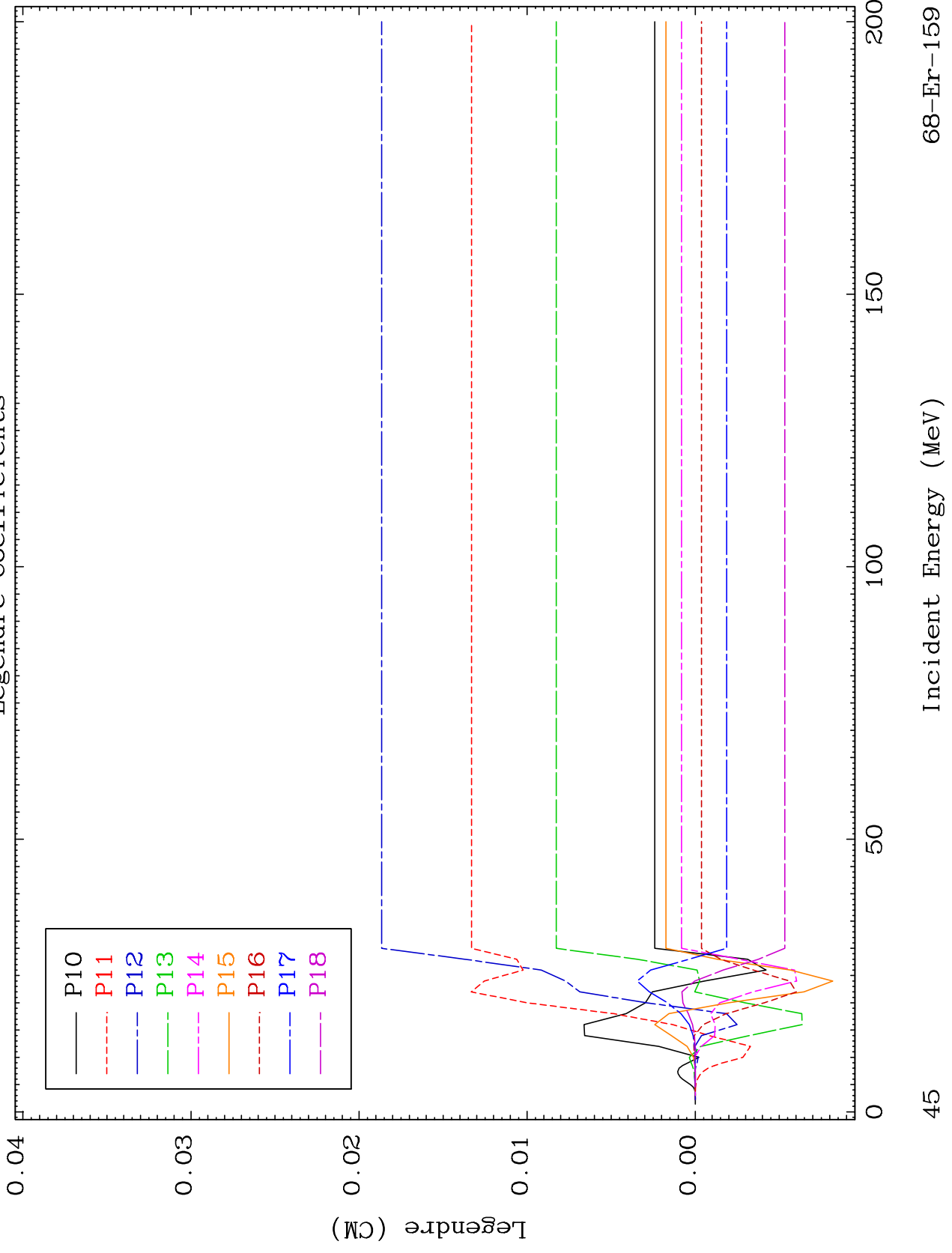
Incident Energy (MeV)

44

MAT 6816

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

68-Er-159



68-Er-159

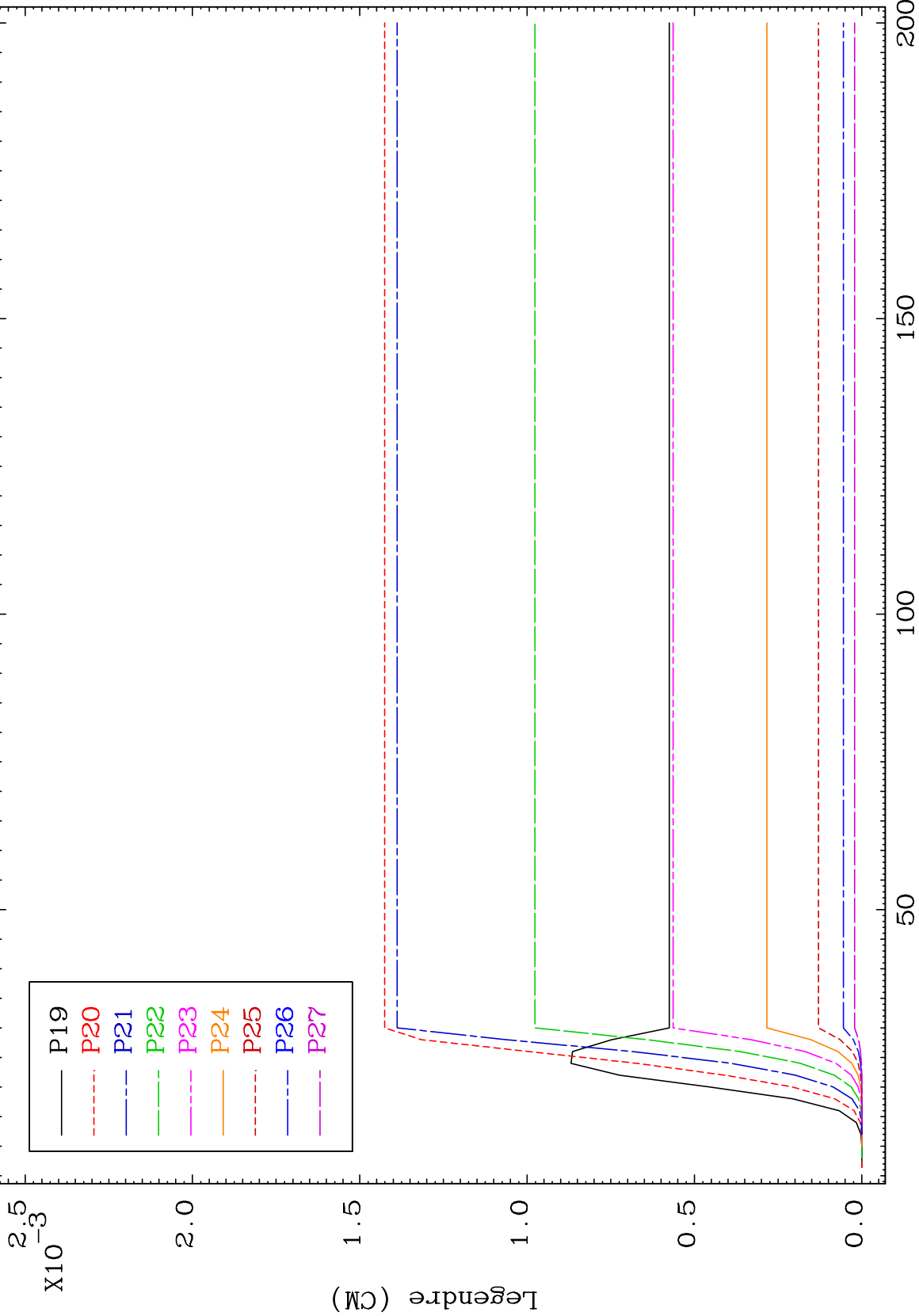
Incident Energy (MeV)

45

MAT 6816

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

68-Er-159



46

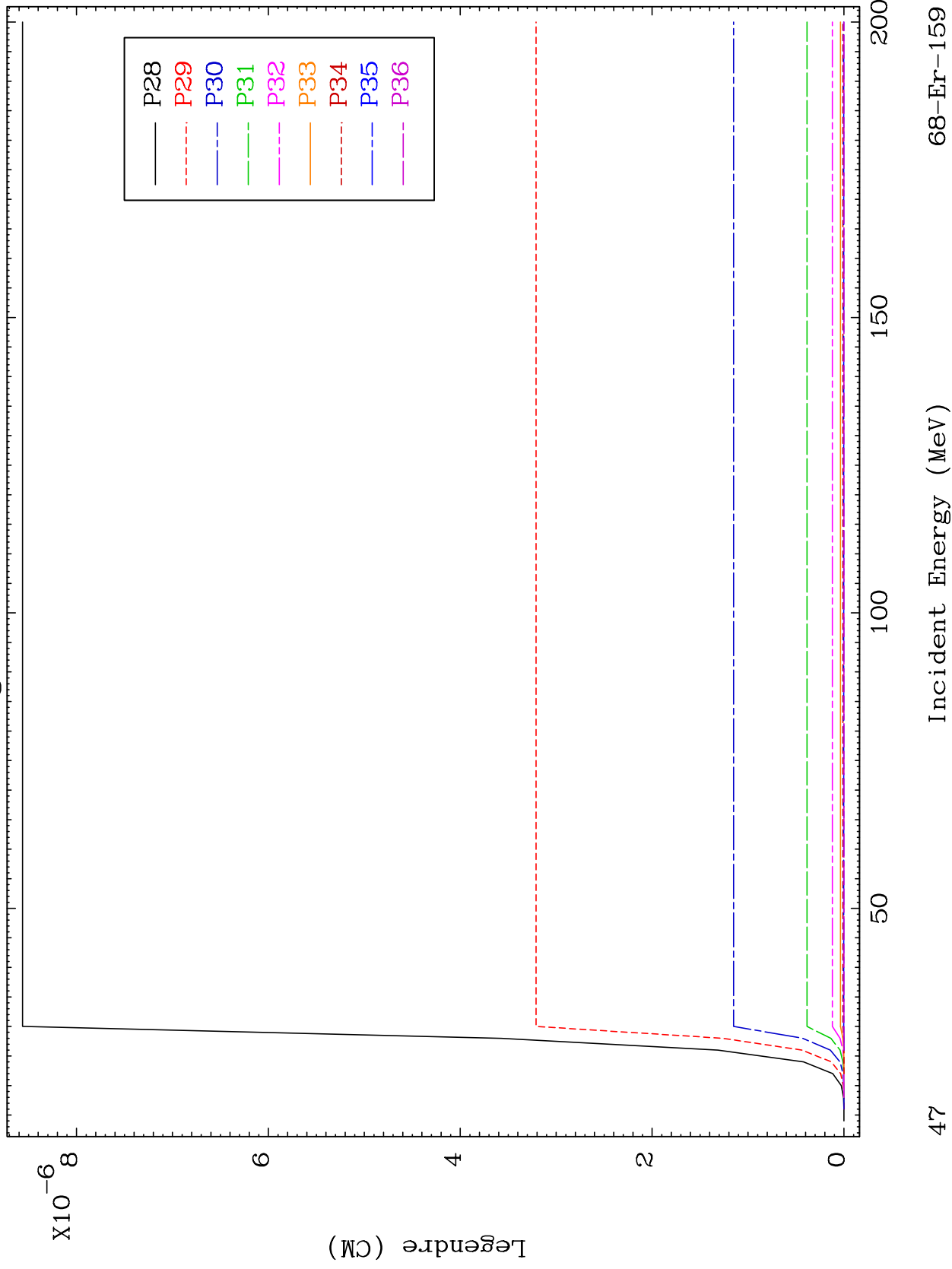
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



47

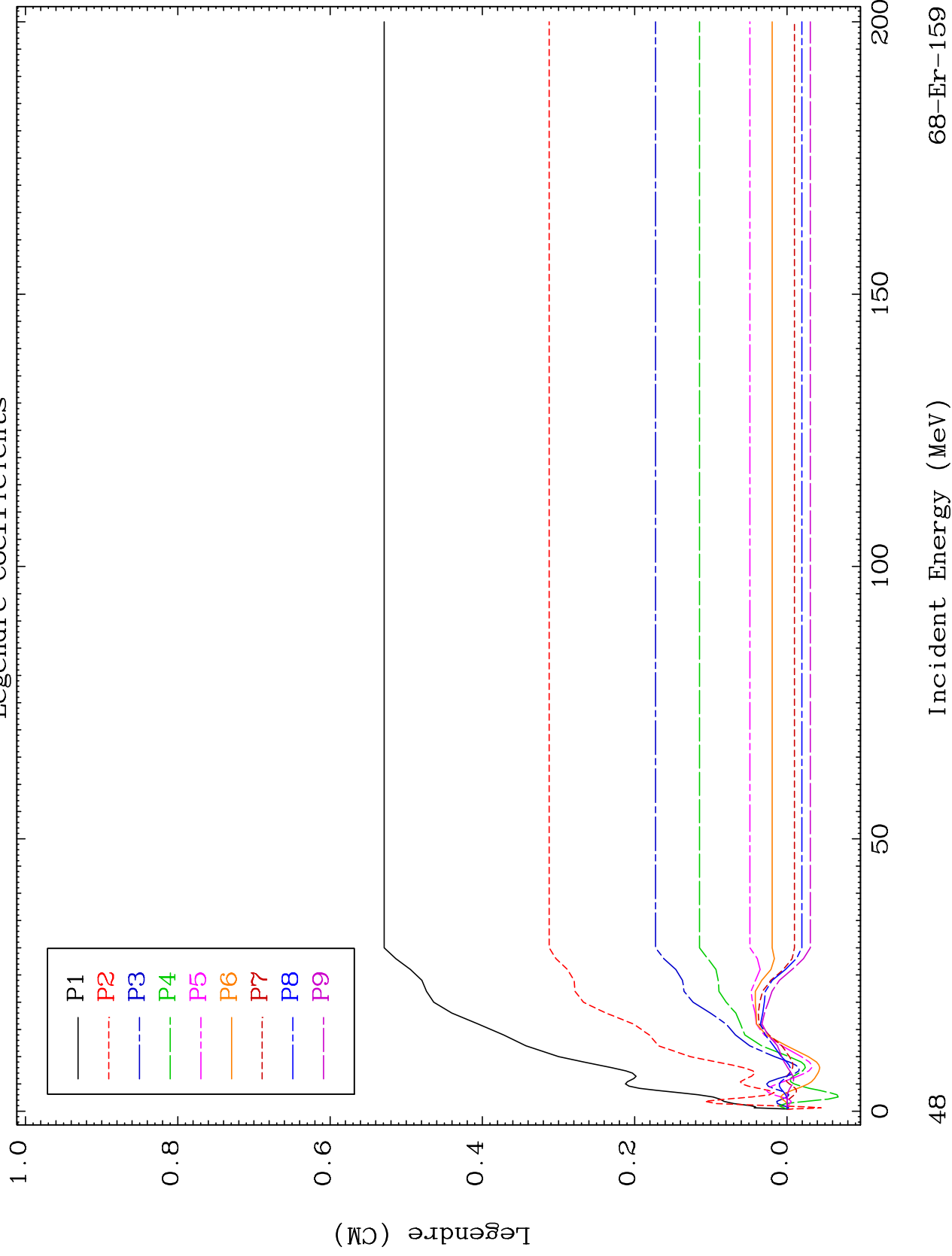
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



68-Er-159

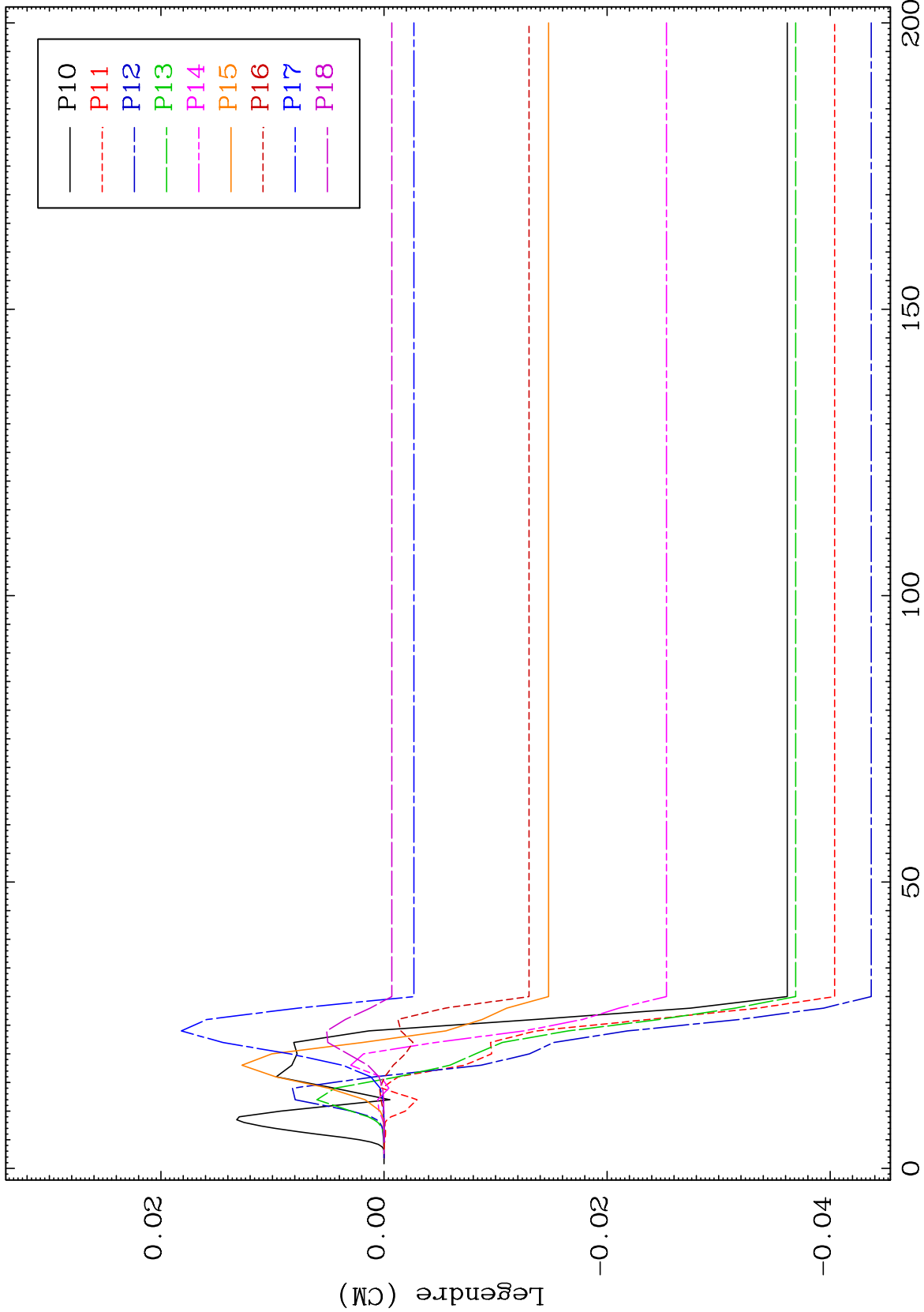
Incident Energy (MeV)

48

MAT 6816

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

68-Er-159



49

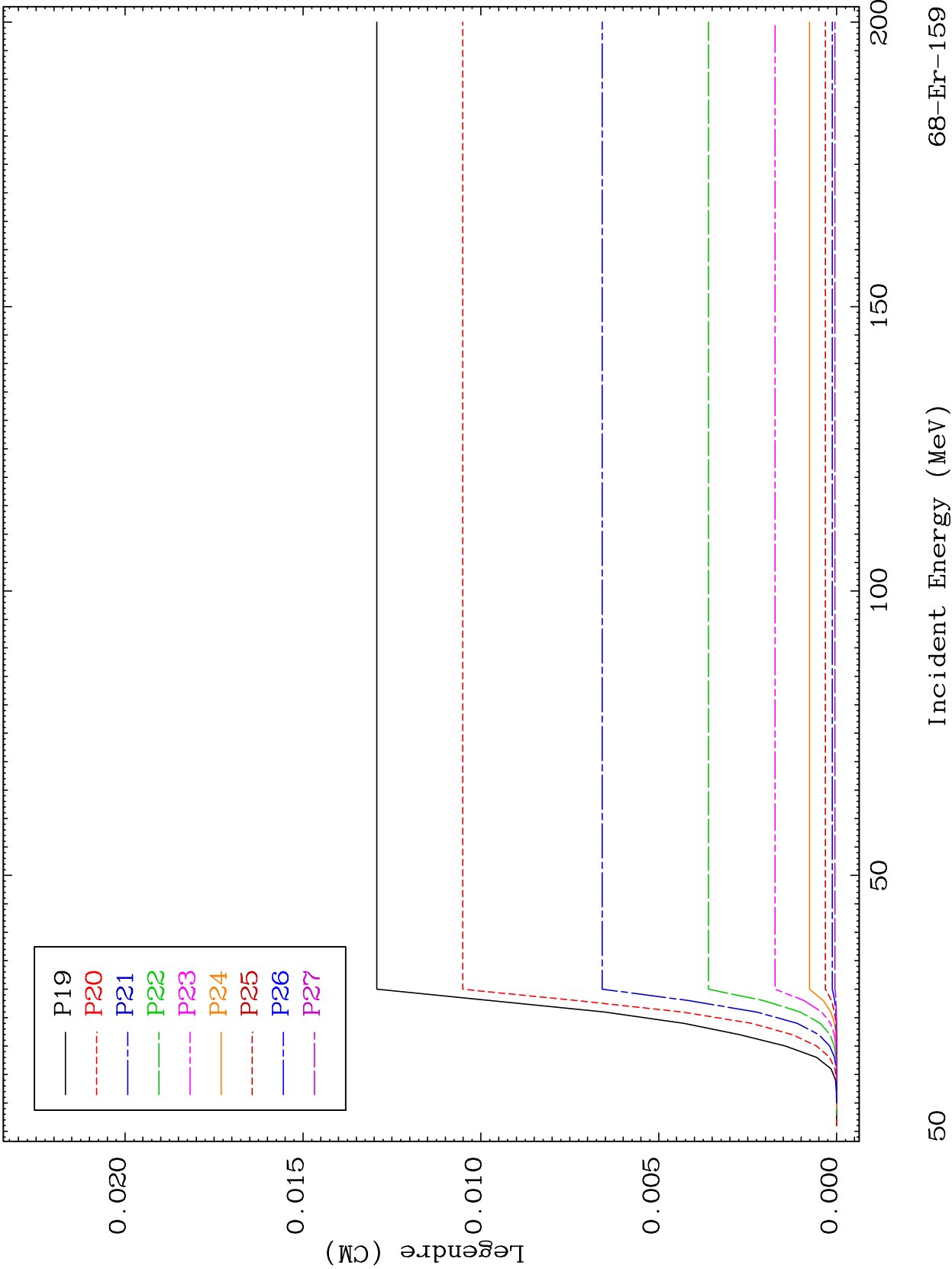
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



68-Er-159

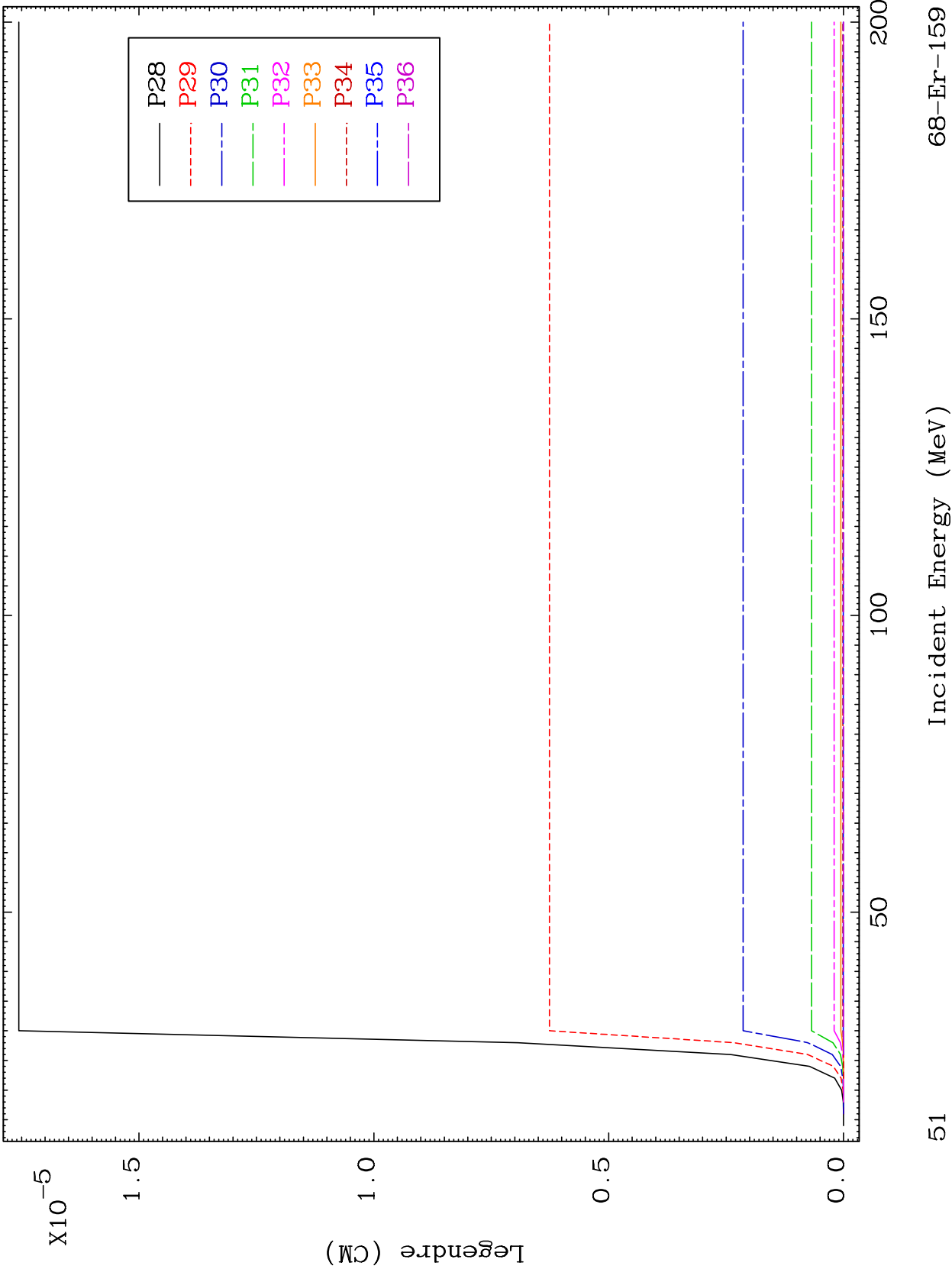
Incident Energy (MeV)

50

MAT 6816

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

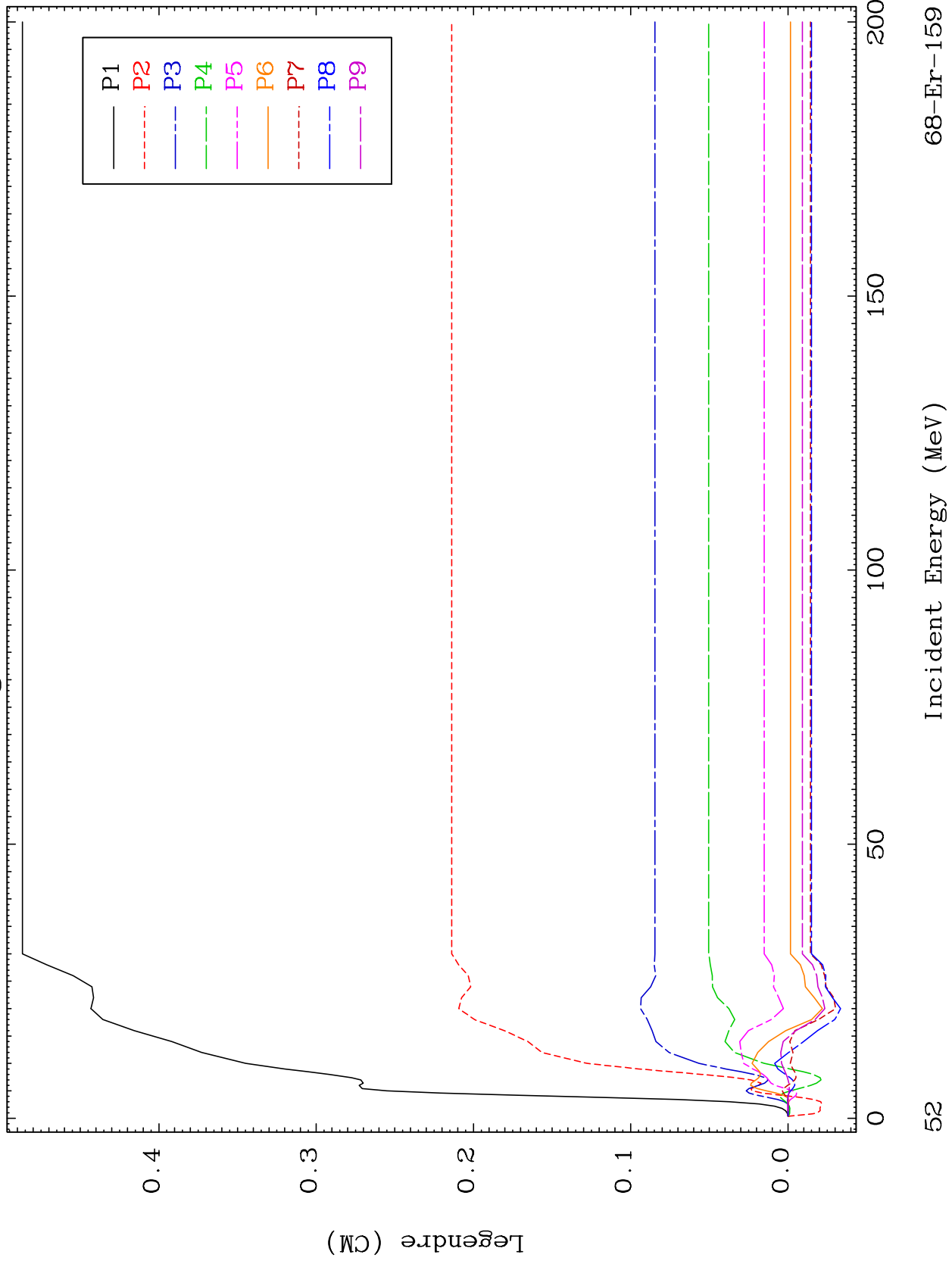
68-Er-159



MAT 6816

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

68-Er-159



68-Er-159

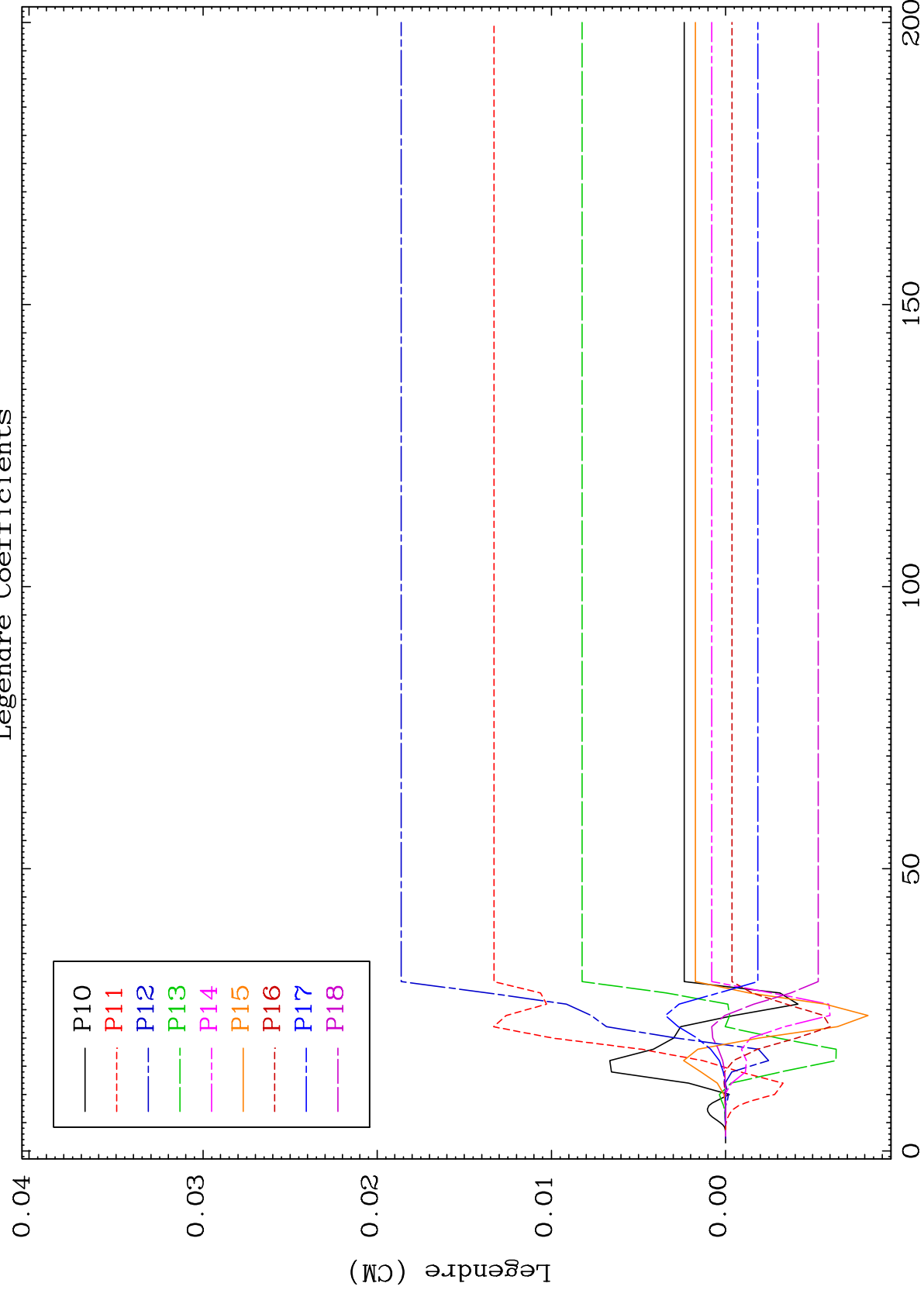
Incident Energy (MeV)

52

MAT 6816

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

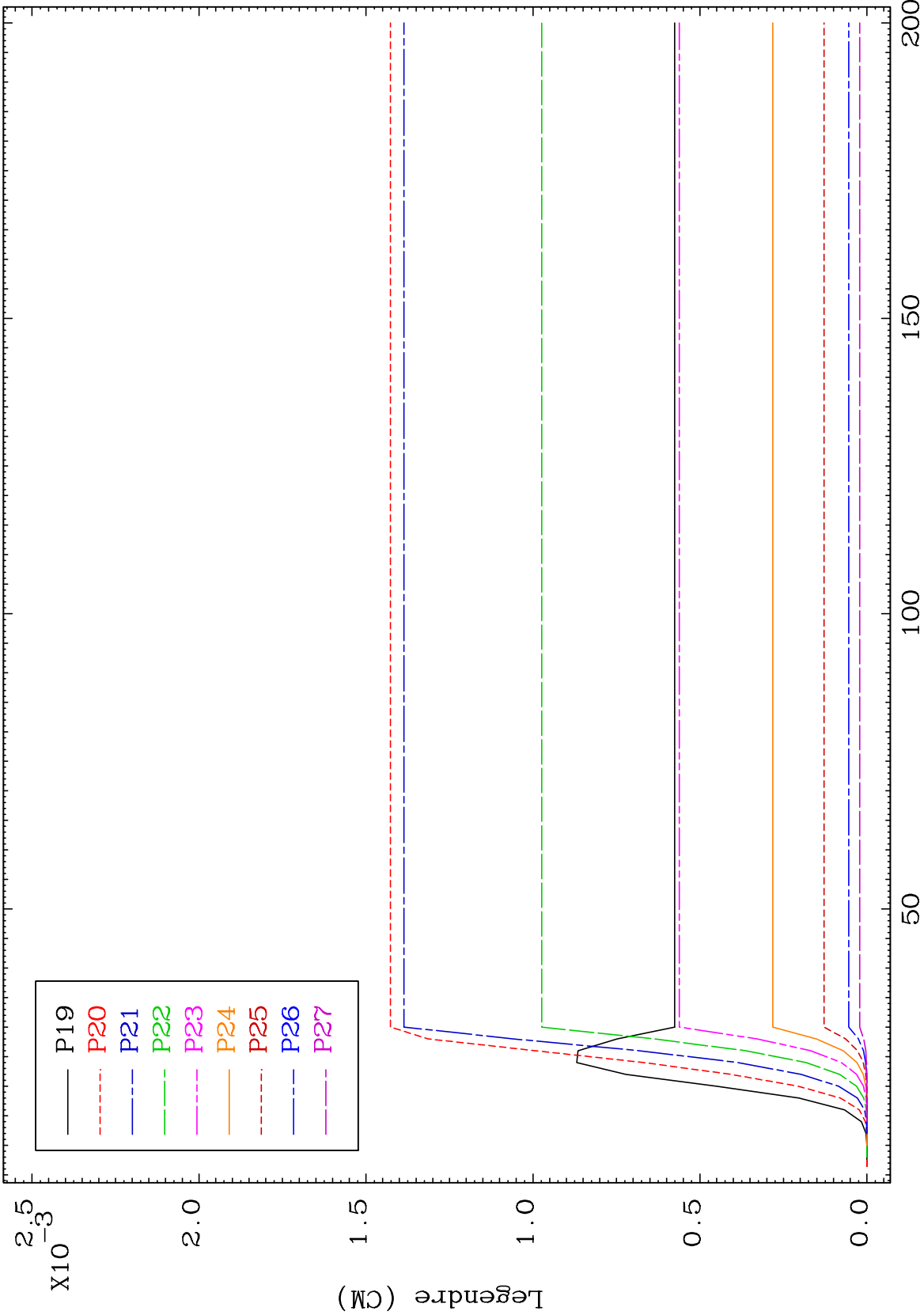
68-Er-159



53

Incident Energy (MeV)

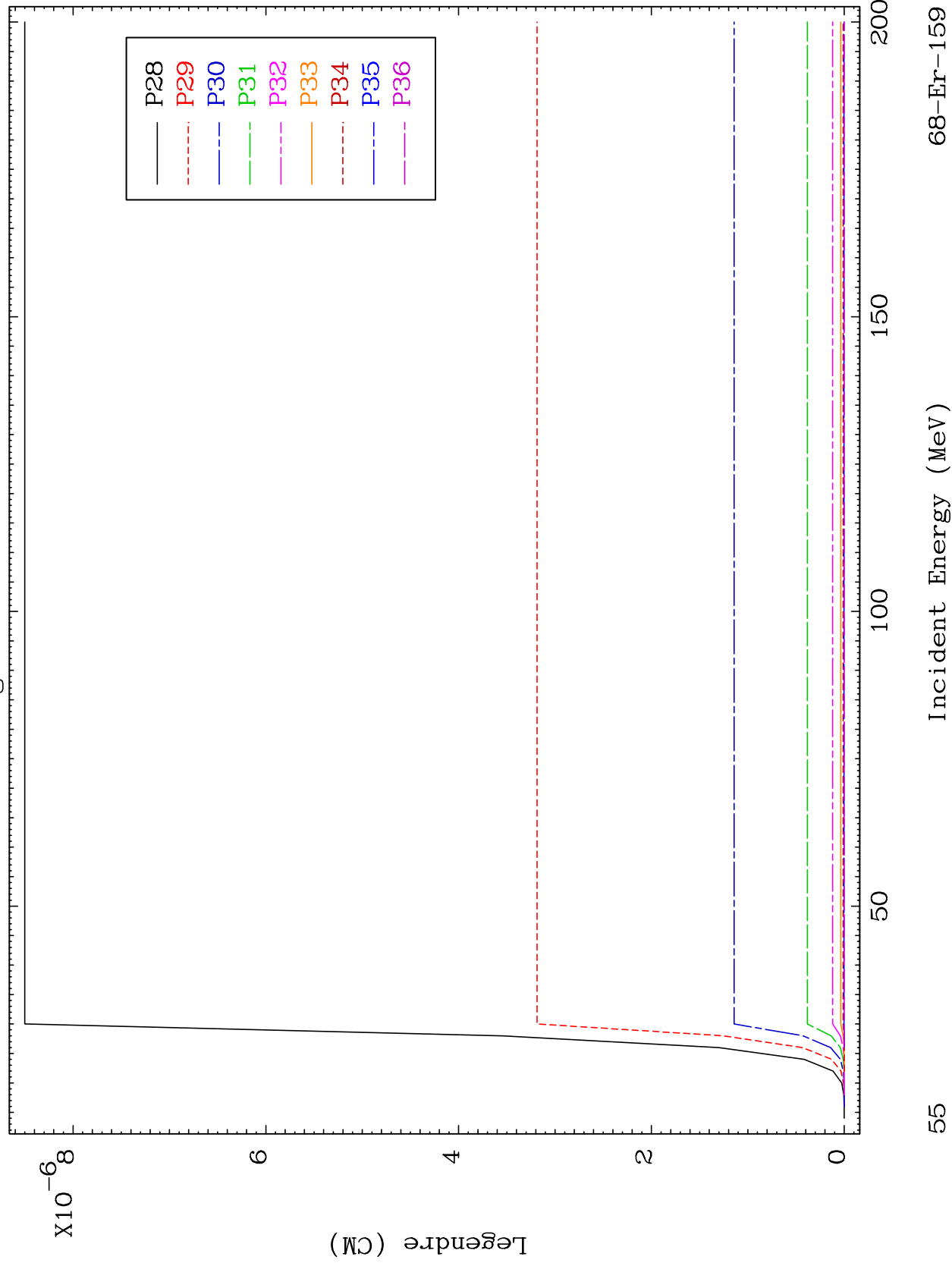
68-Er-159



MAT 6816

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

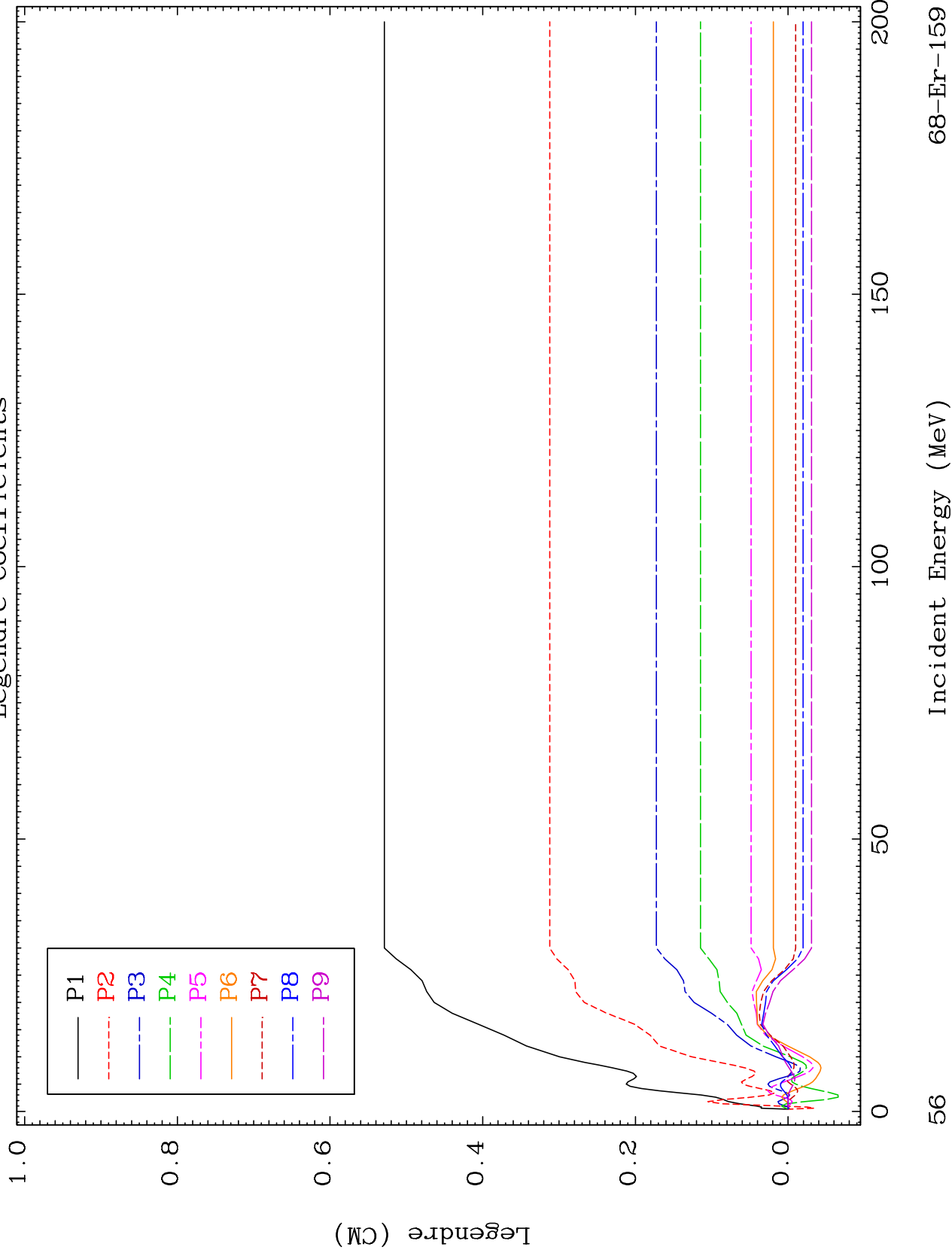
68-Er-159



MAT 6816

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

68-Er-159



68-Er-159

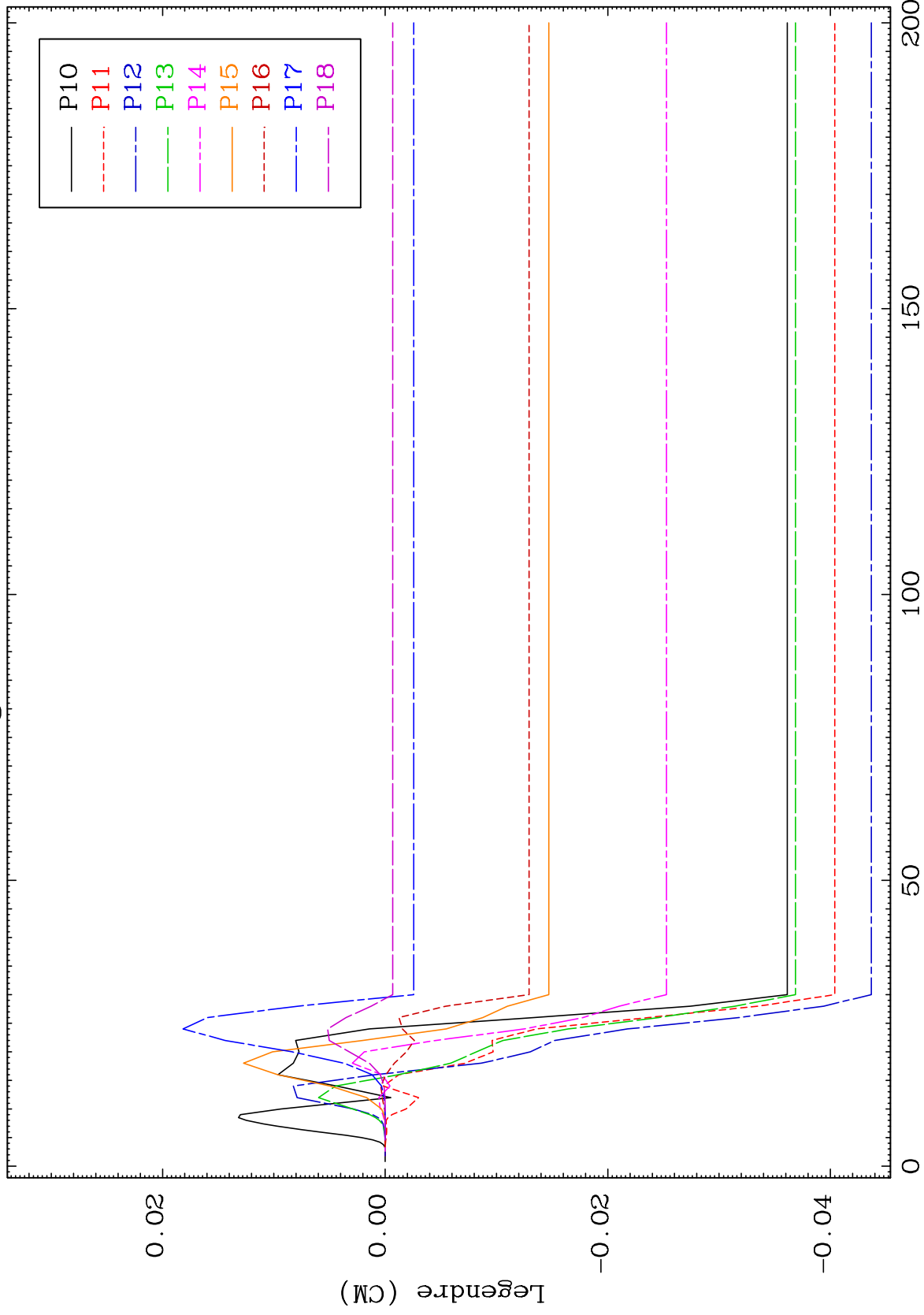
Incident Energy (MeV)

56

MAT 6816

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

68-Er-159



57

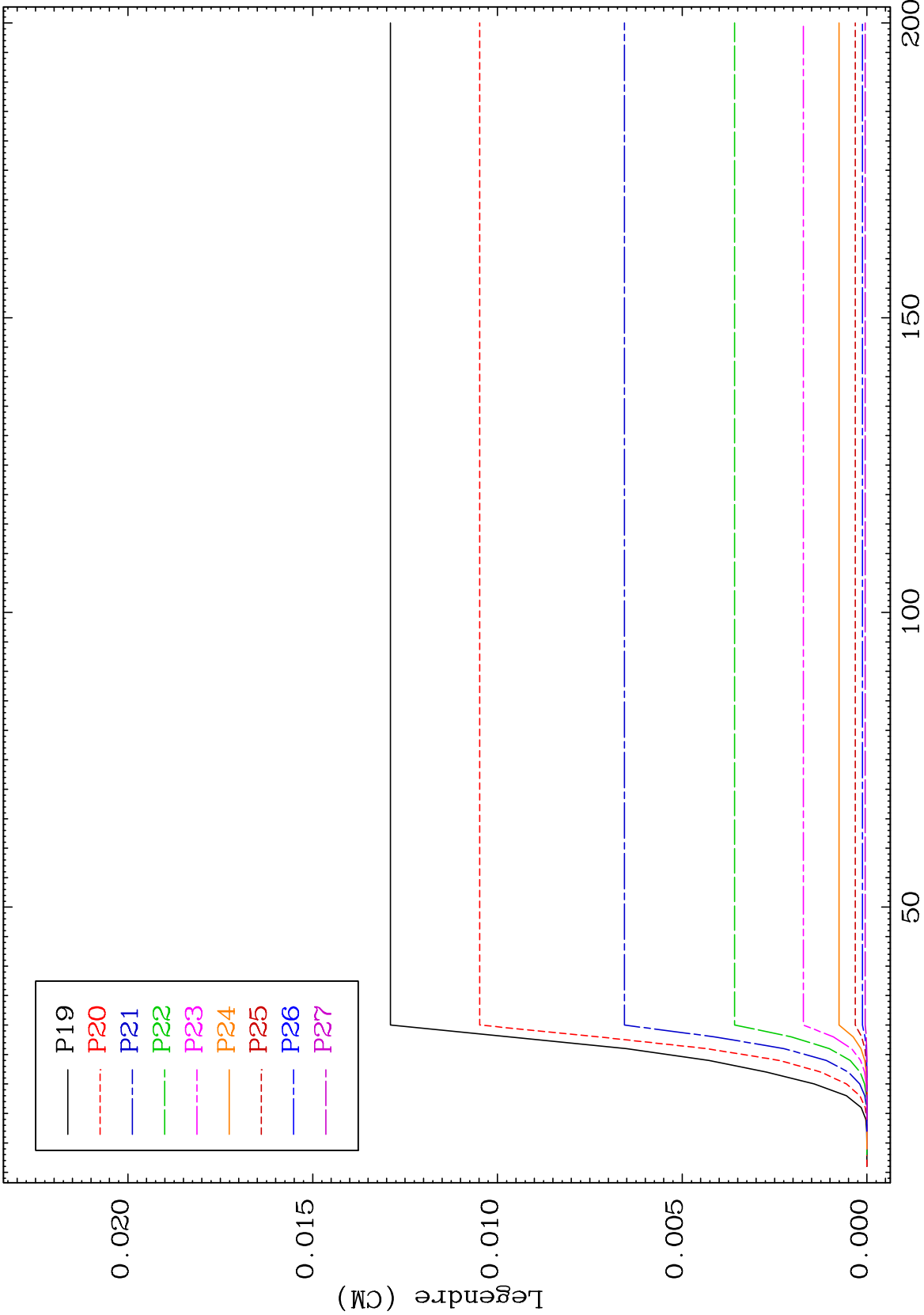
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



58

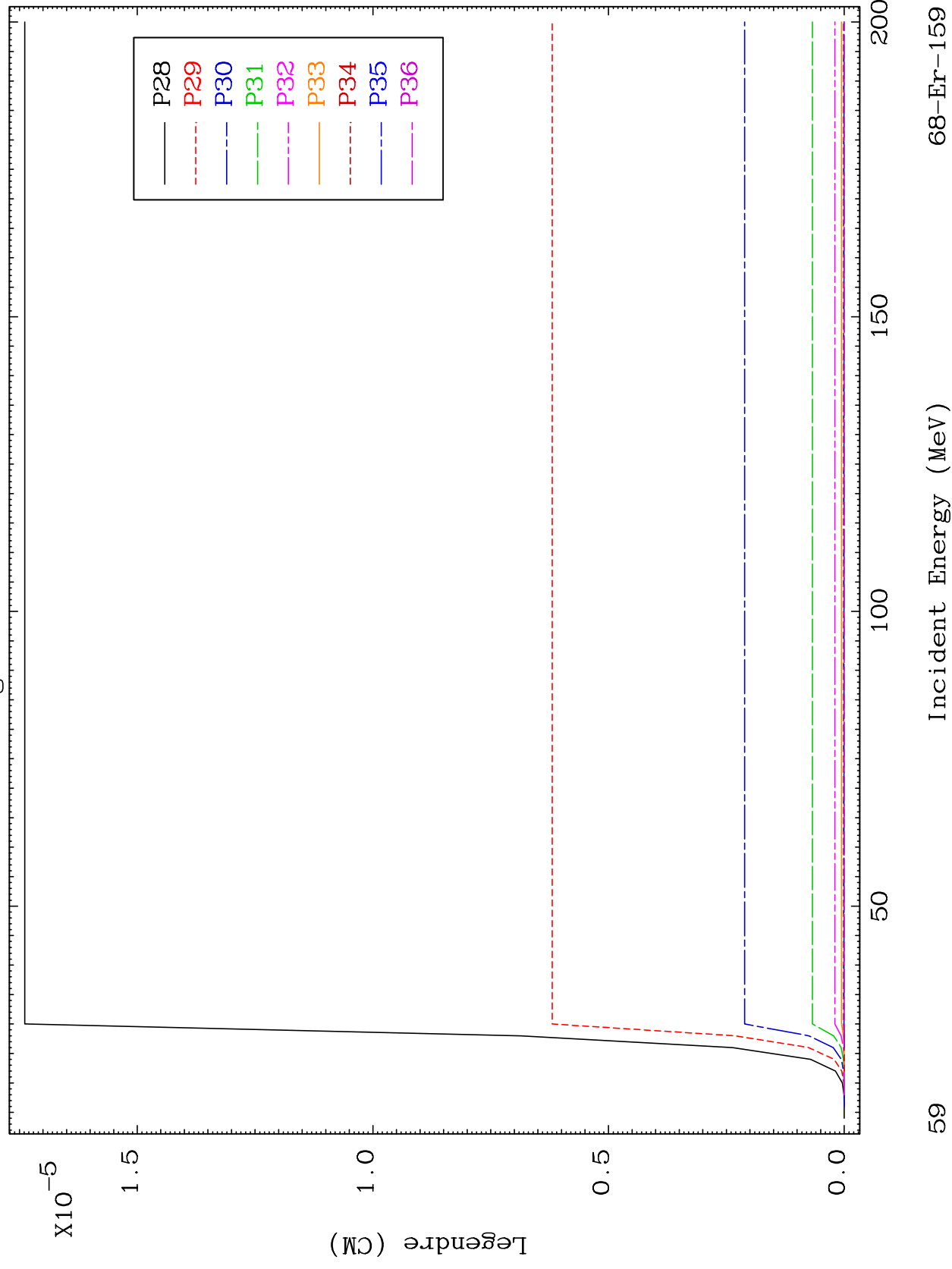
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



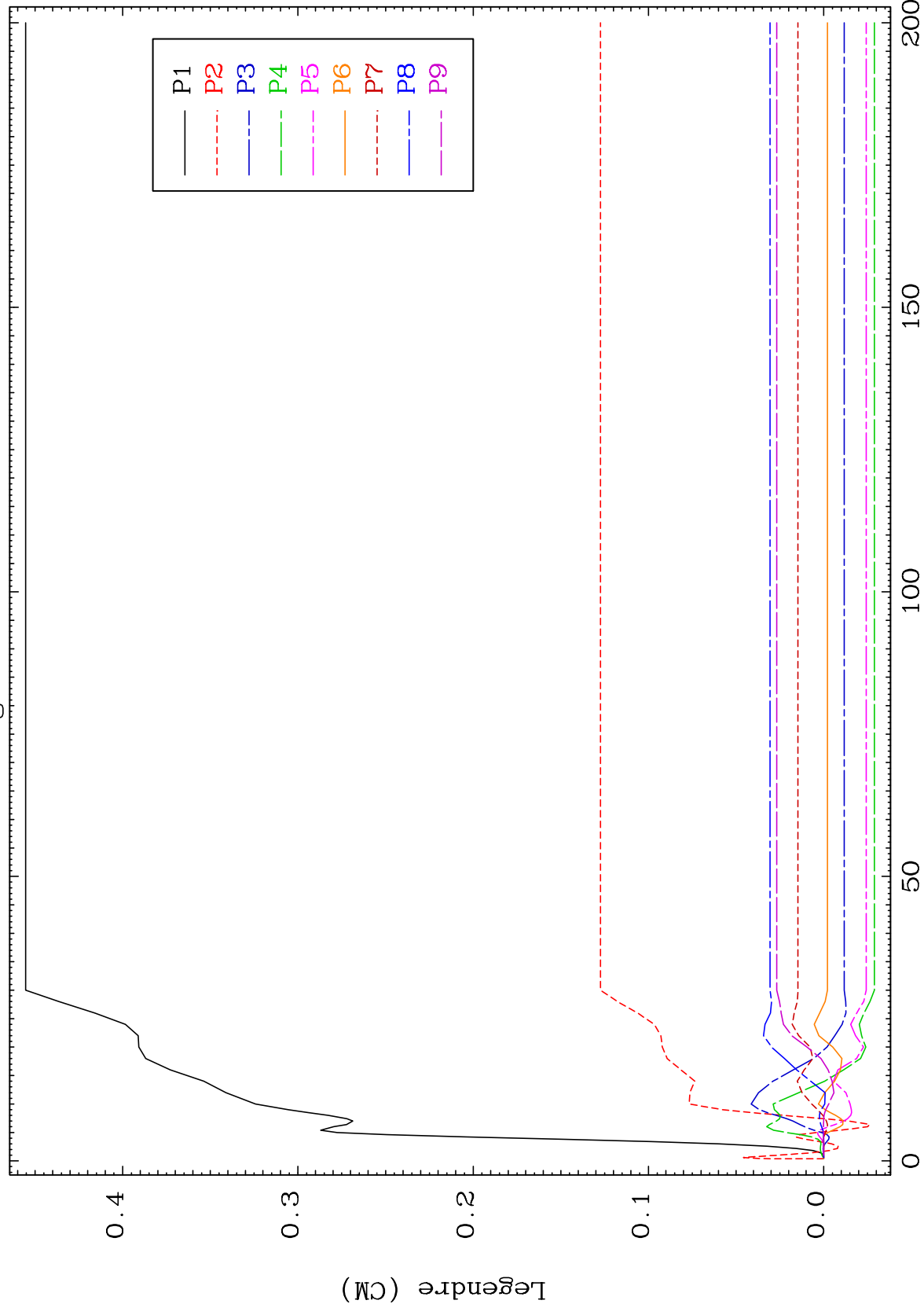
59

68-Er-159

MAT 6816

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

68-Er-159



68-Er-159

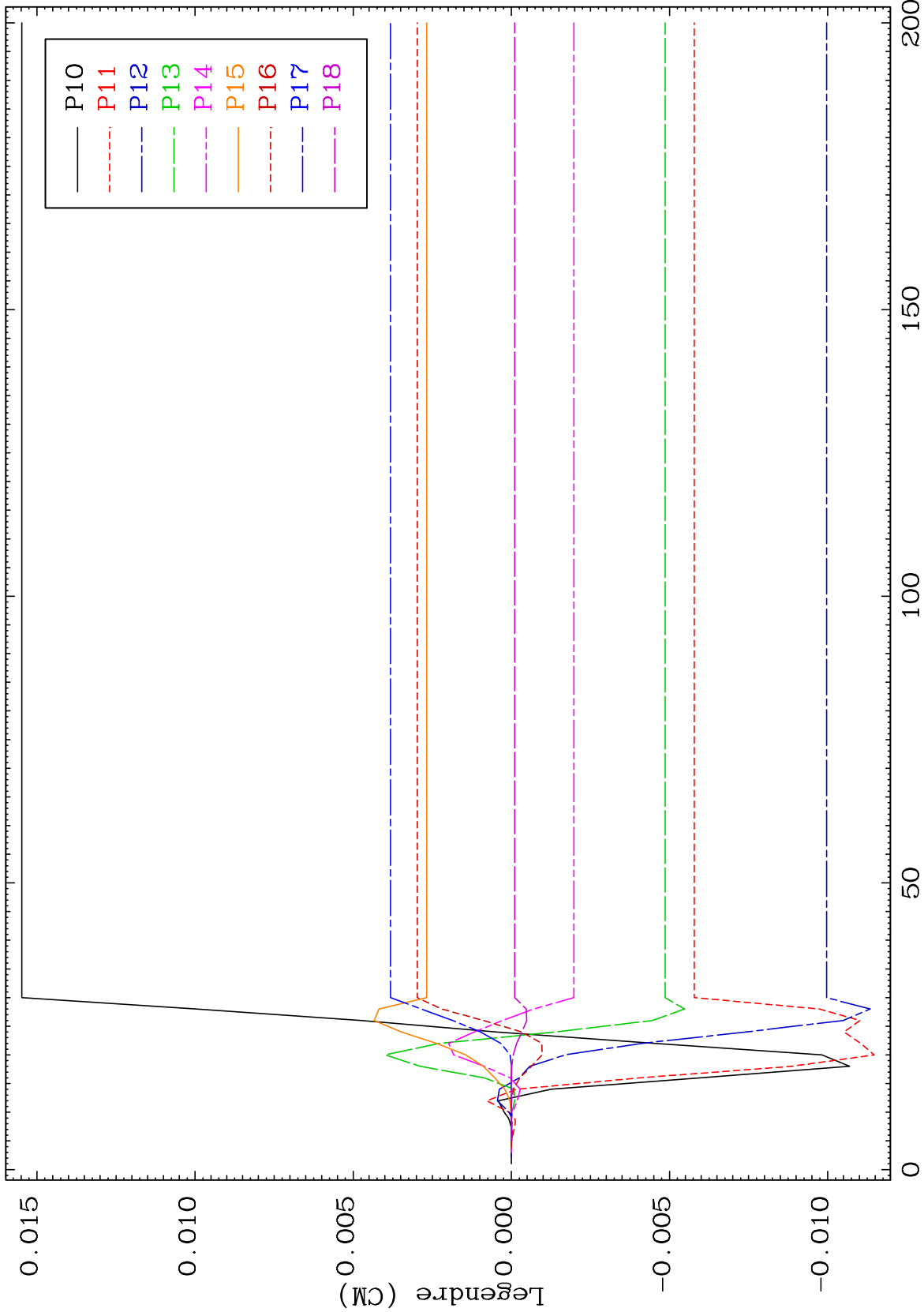
Incident Energy (MeV)

60

MAT 6816

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

68-Er-159



61

Incident Energy (MeV)

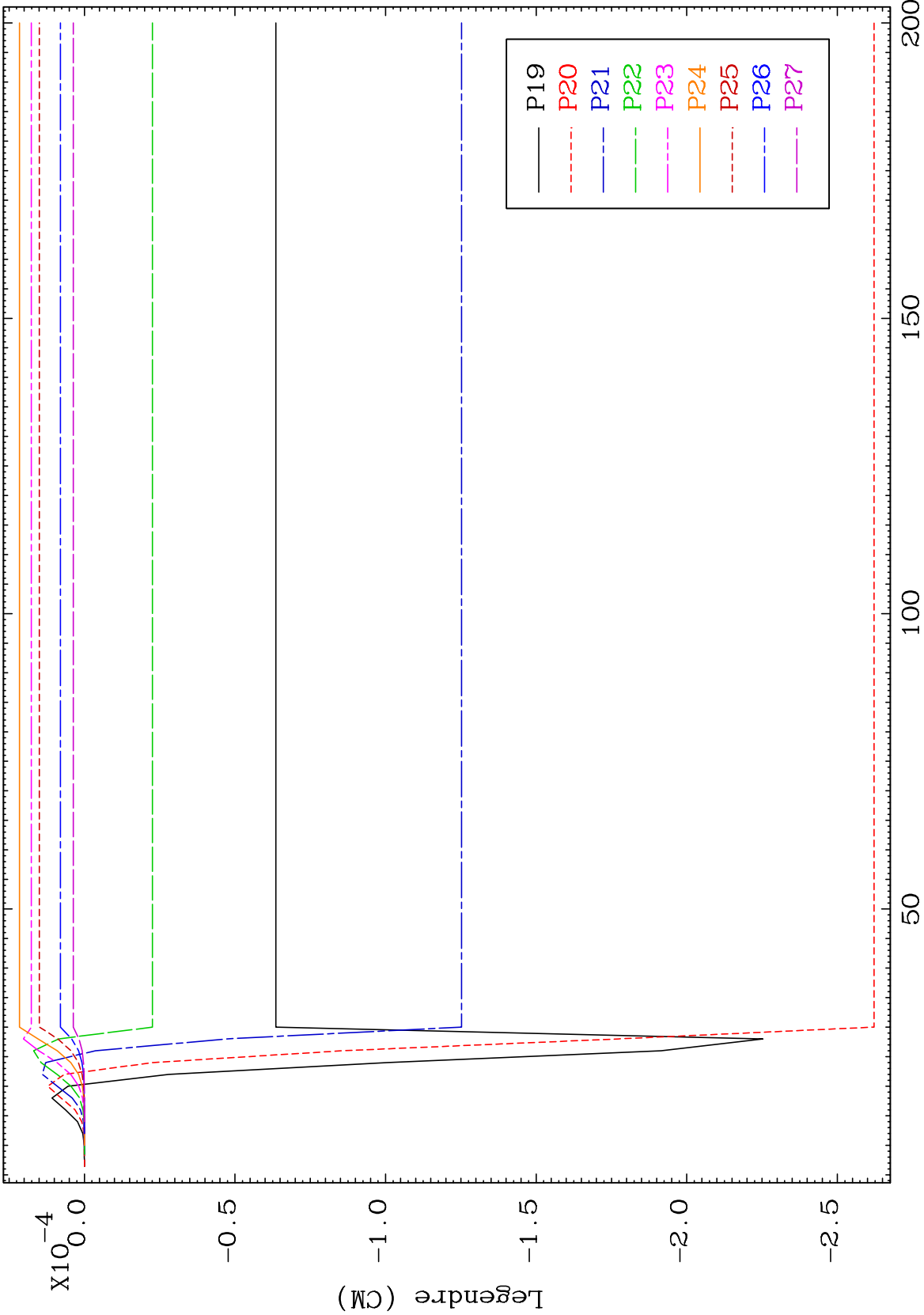
68-Er-159

MAT 6816

MT= 61 (n,n') Level

68-Er-159

Legendre Coefficients



62

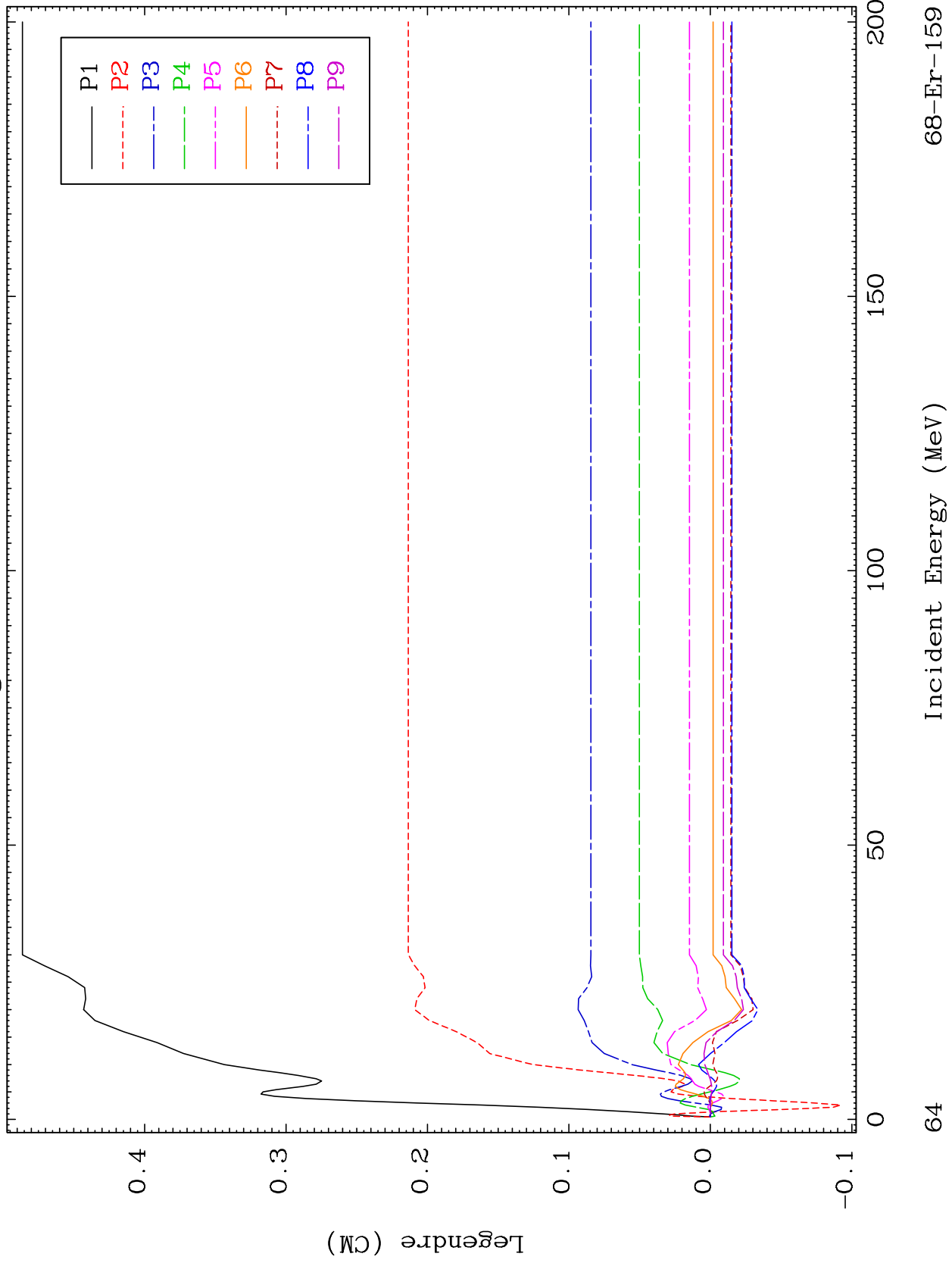
Incident Energy (MeV)

68-Er-159

MAT 6816

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

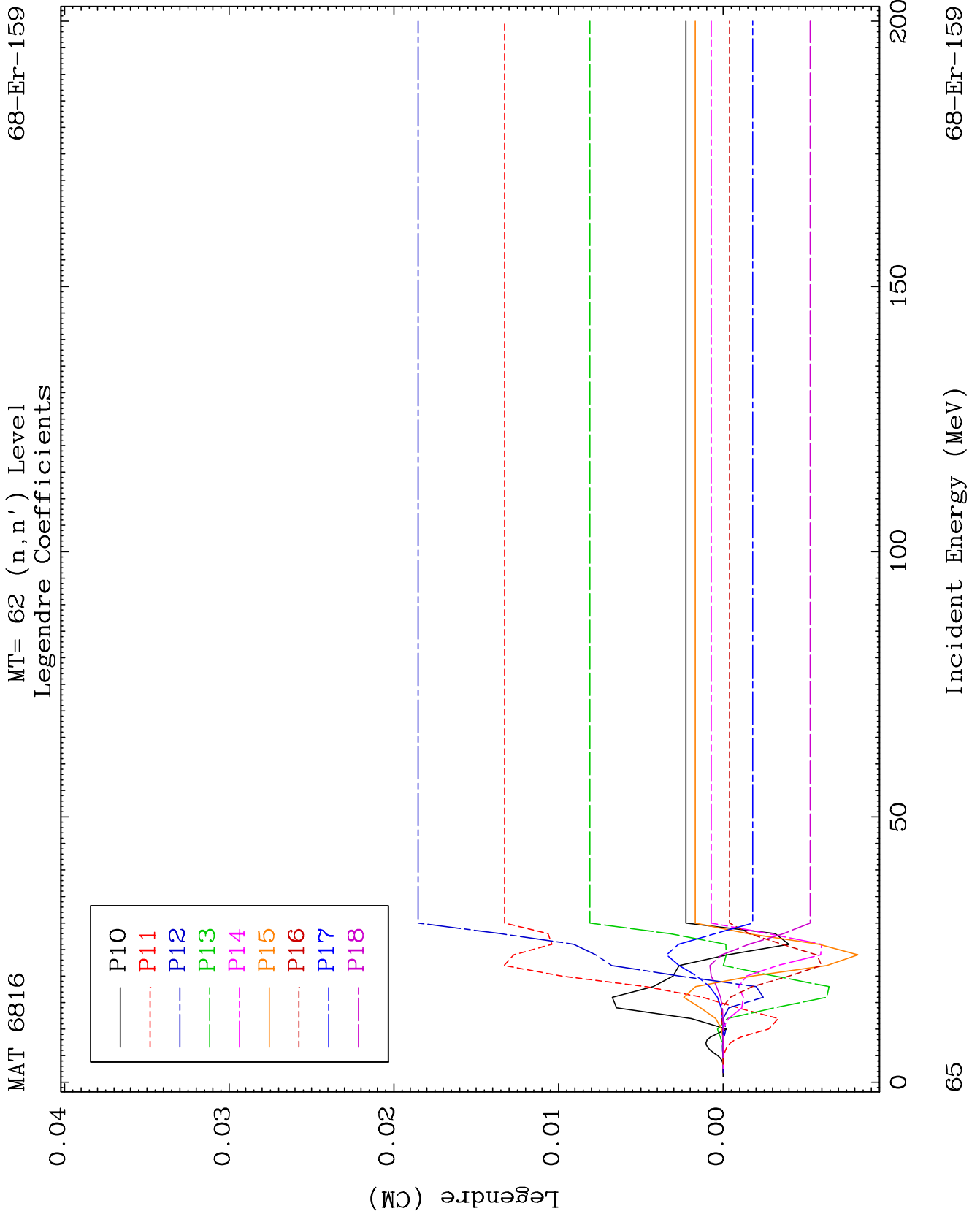
68-Er-159

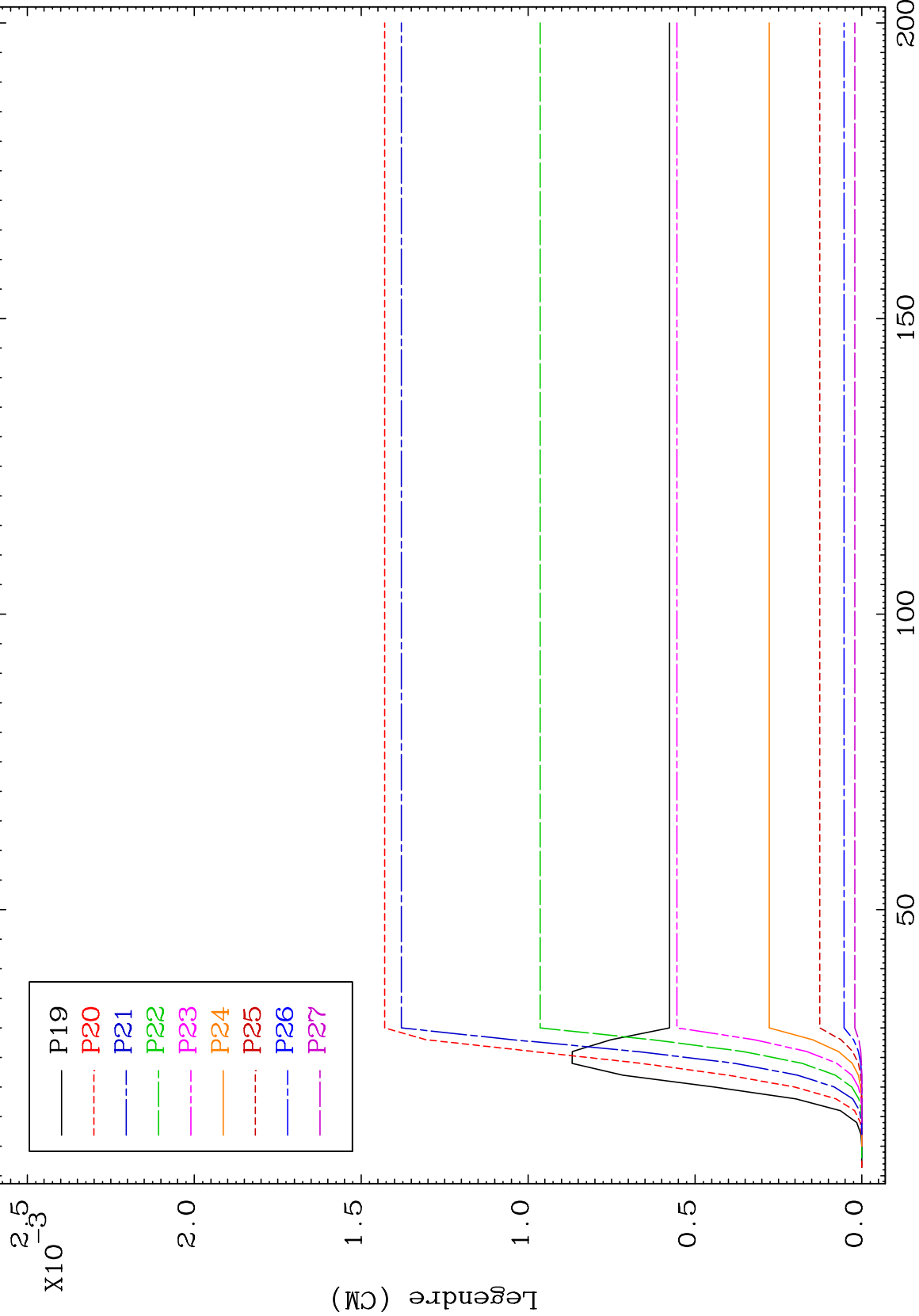


68-Er-159

Incident Energy (MeV)

64

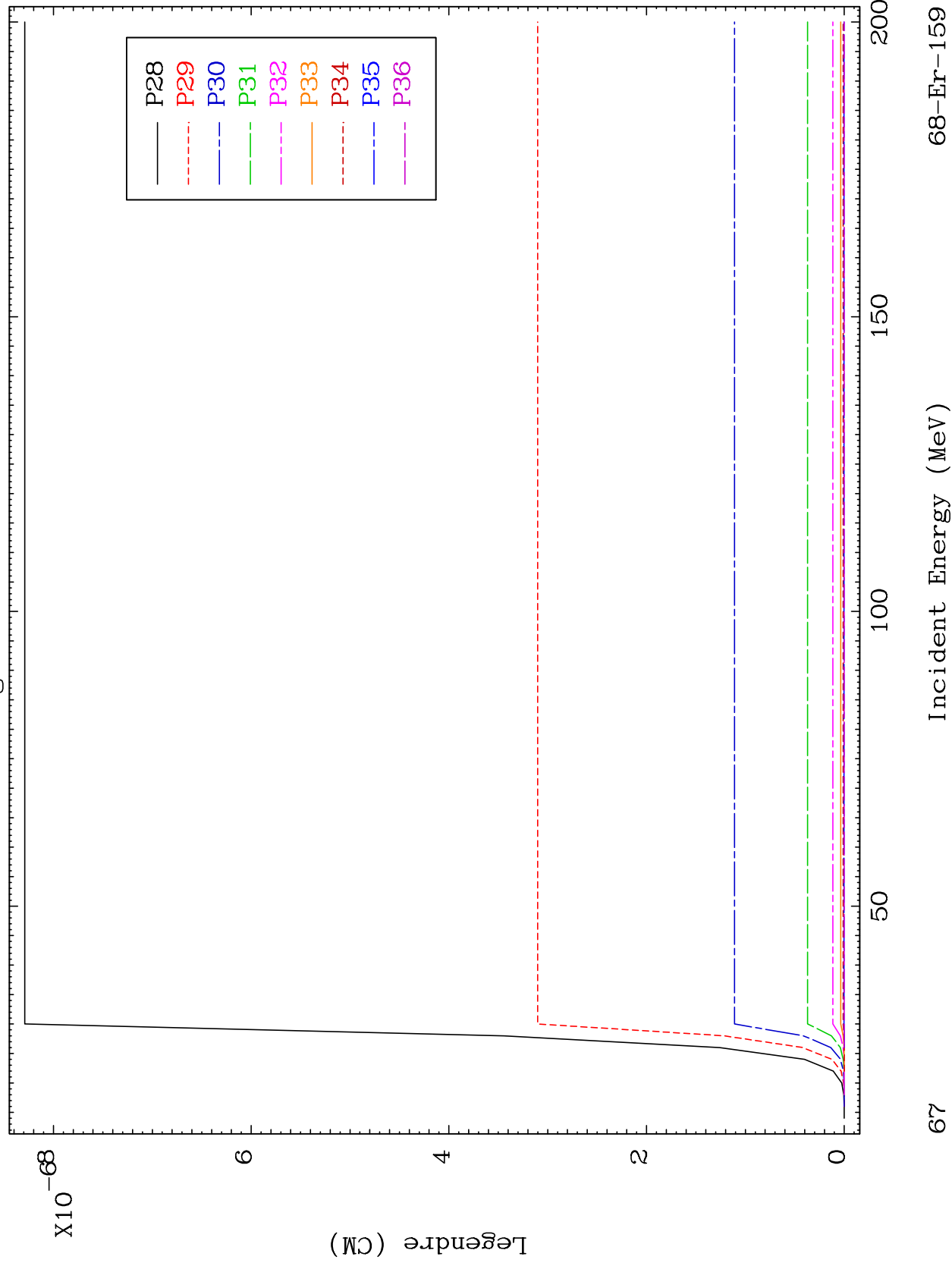




MAT 6816

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

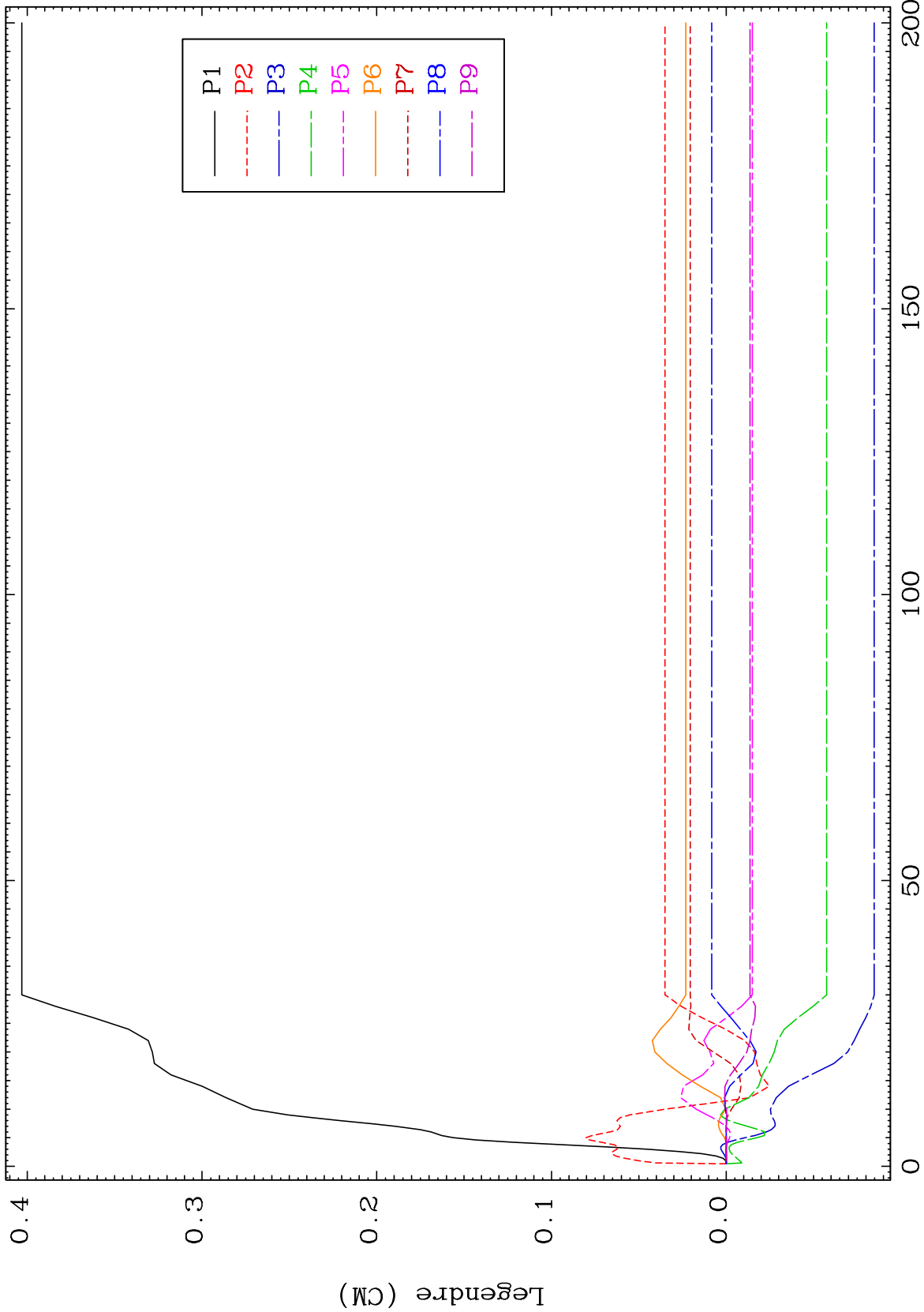
68-Er-159



MAT 6816

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

68-Er-159



68

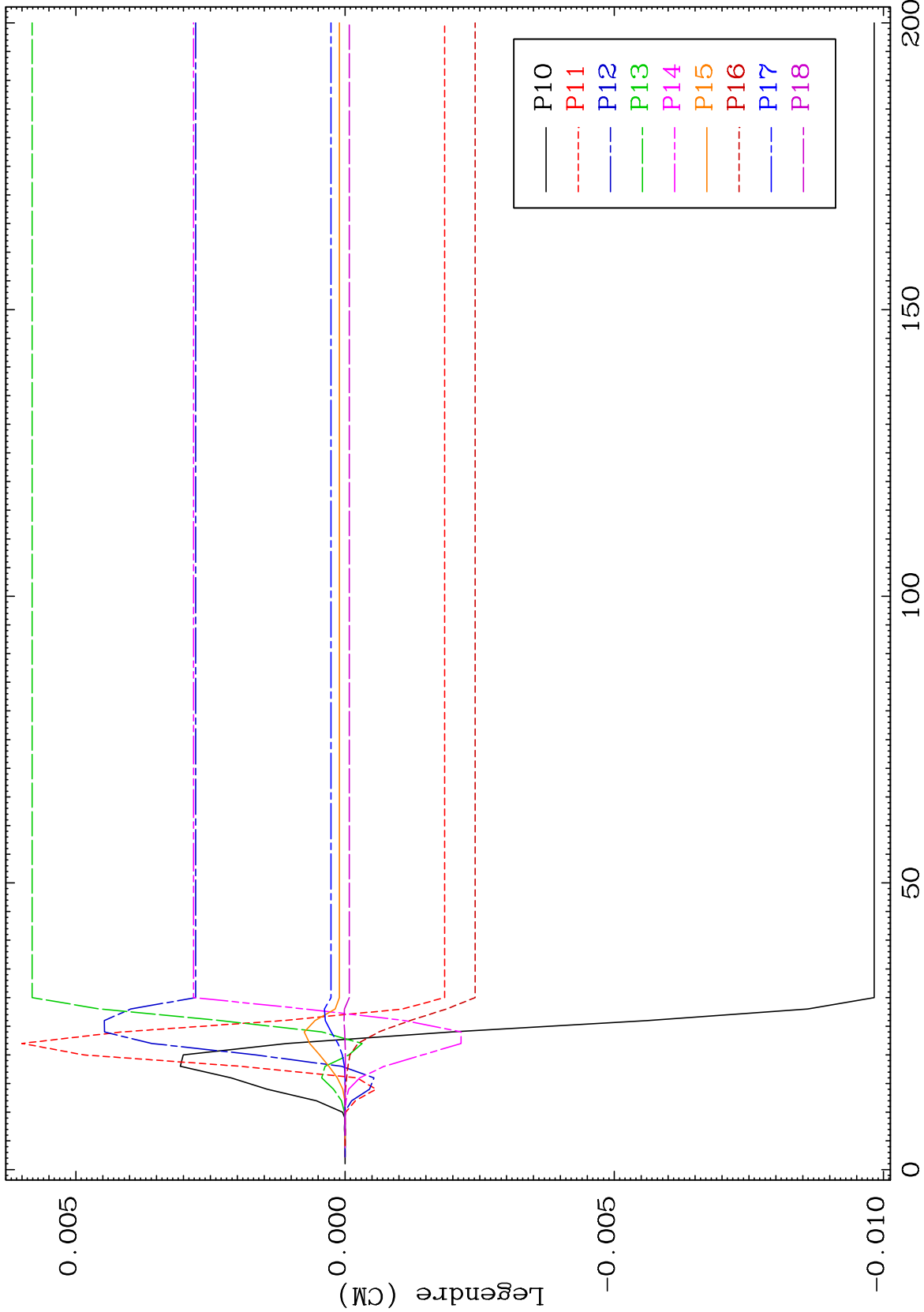
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



69

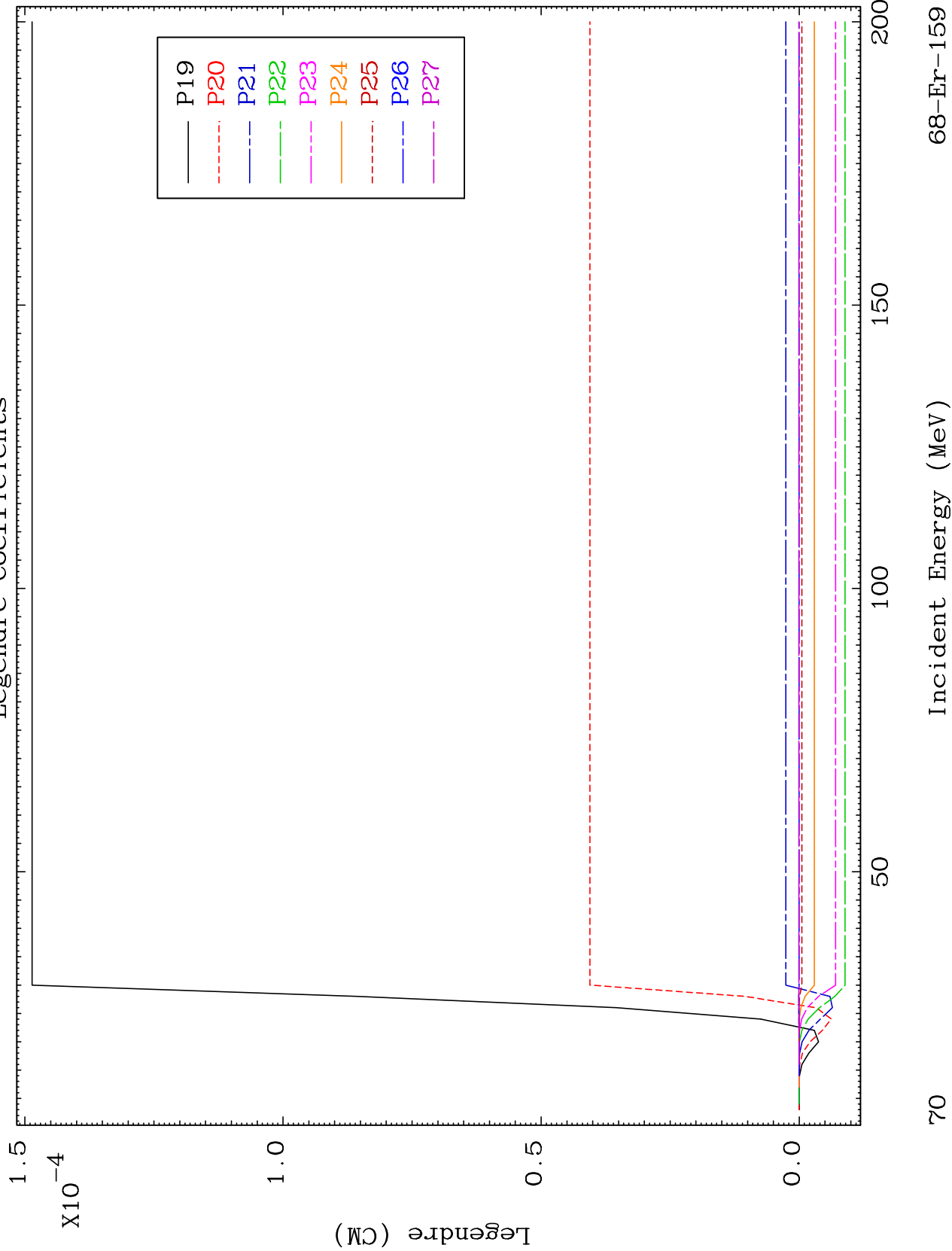
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



70

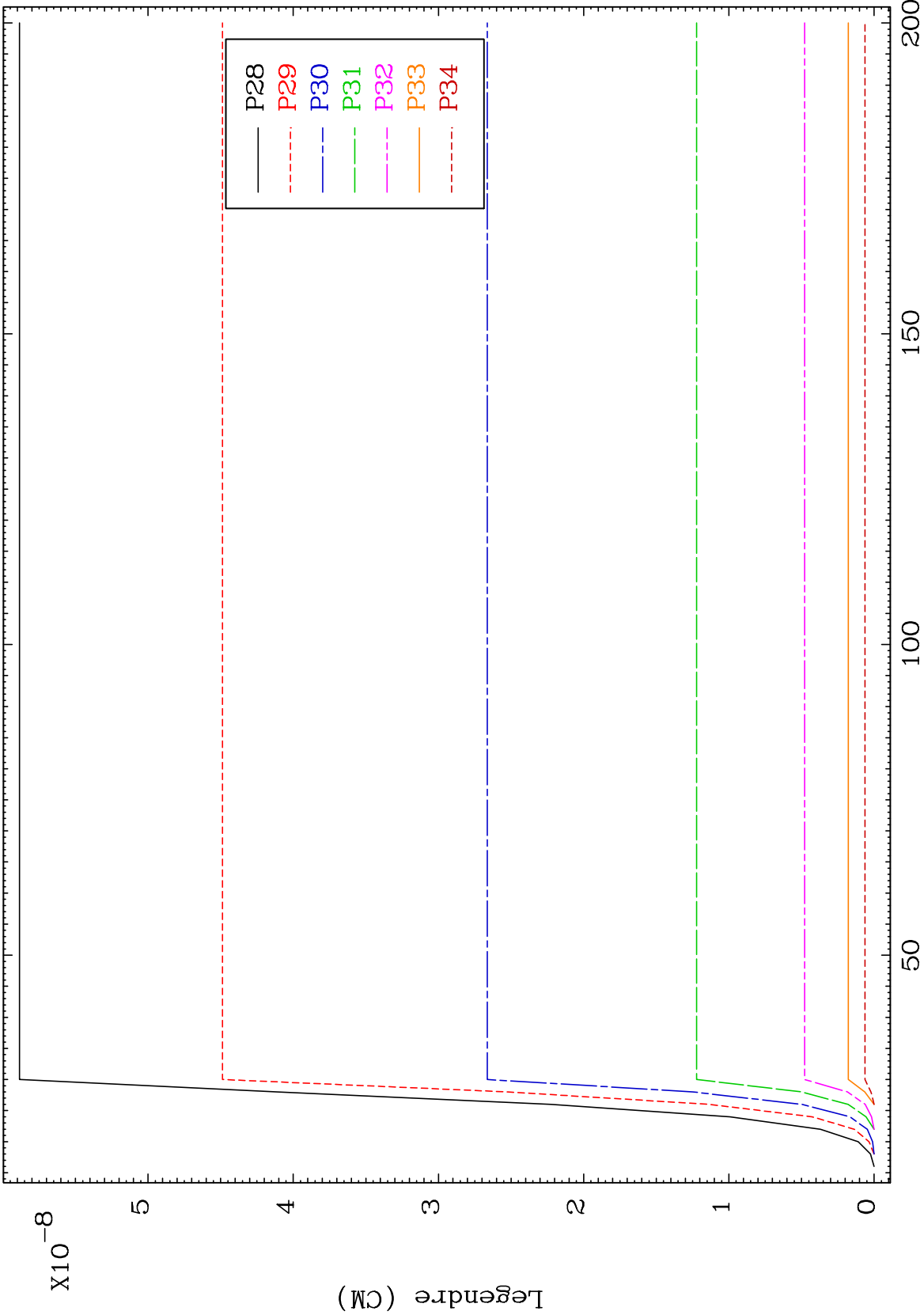
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



71

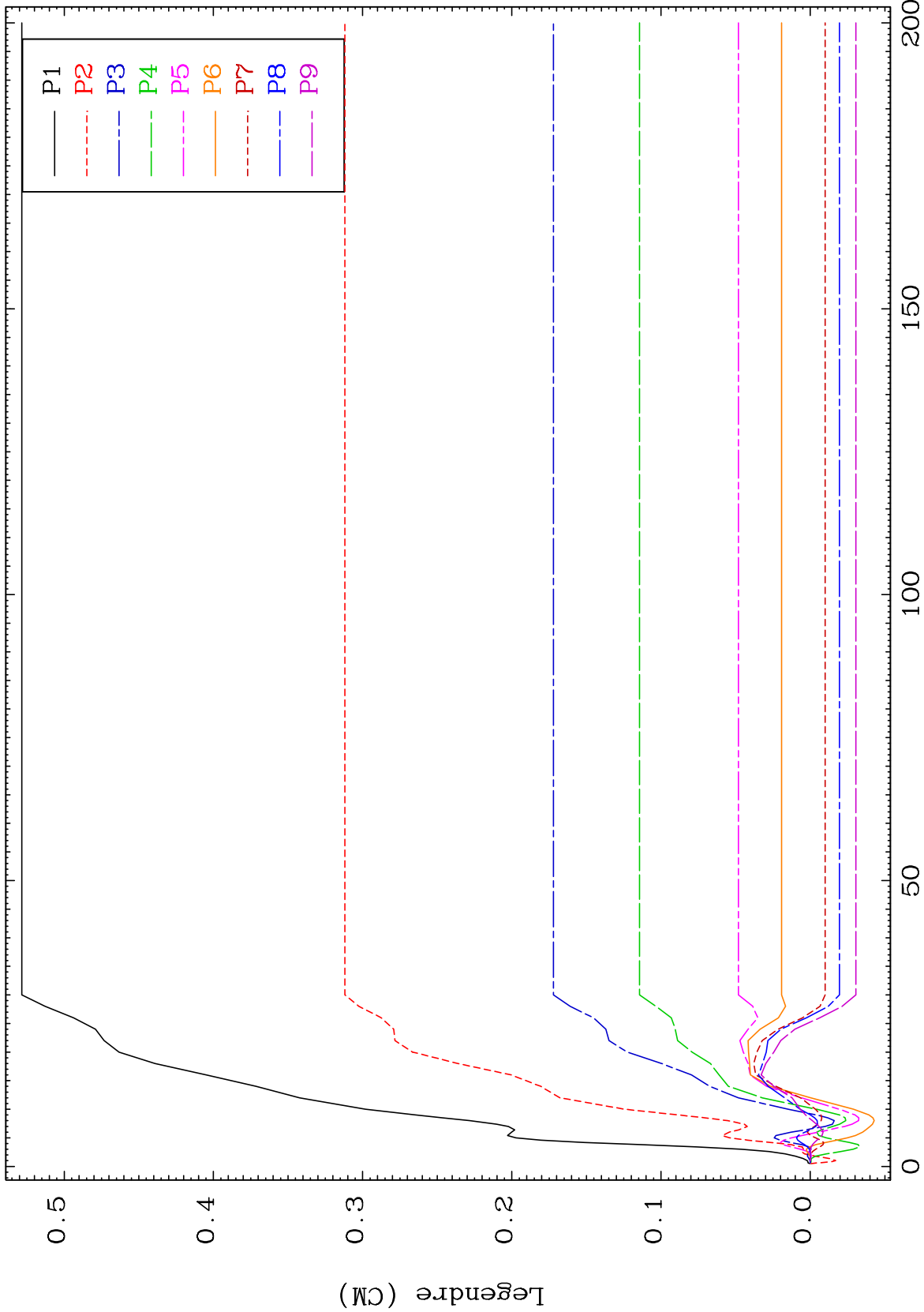
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



72

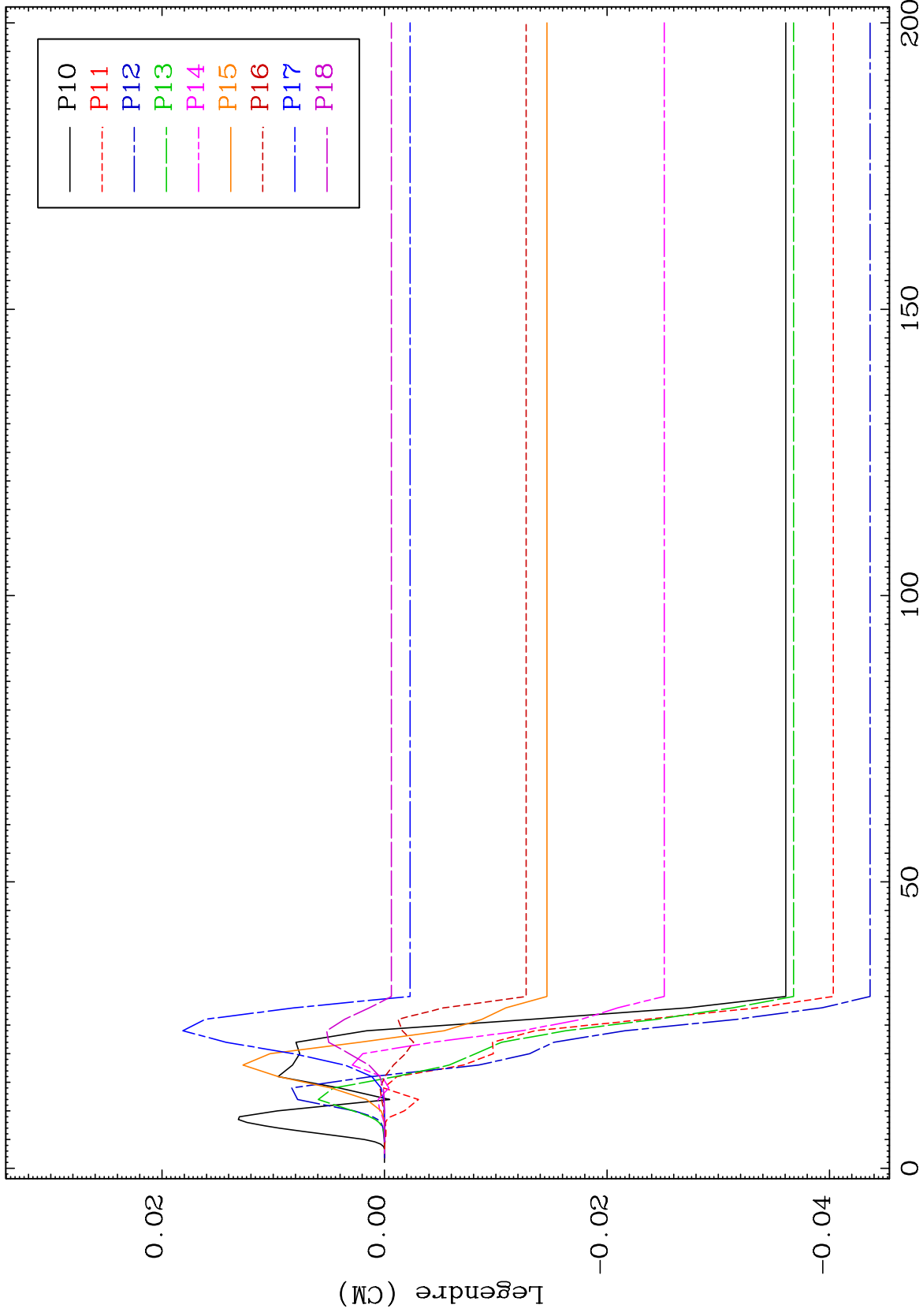
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



73

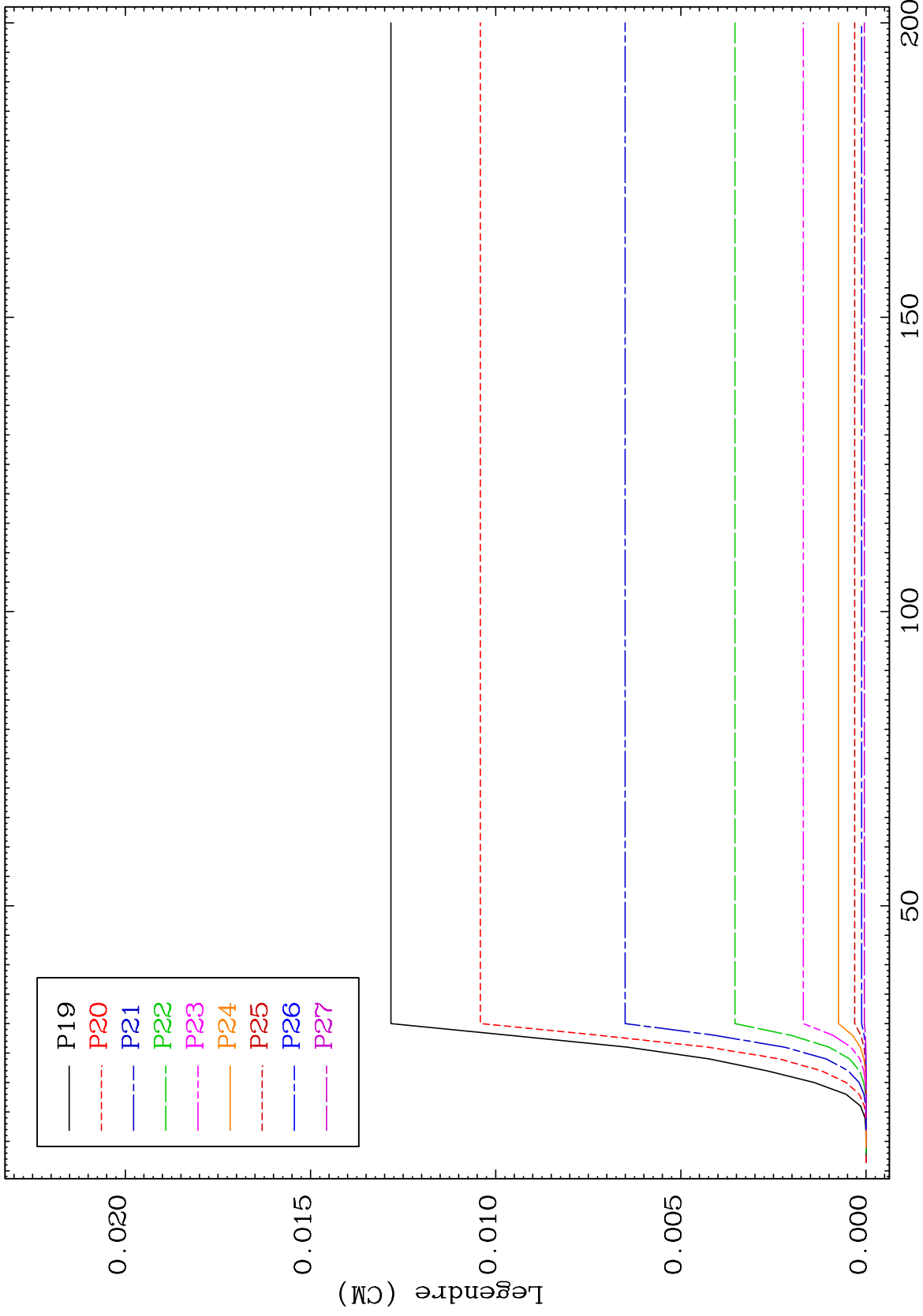
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



74

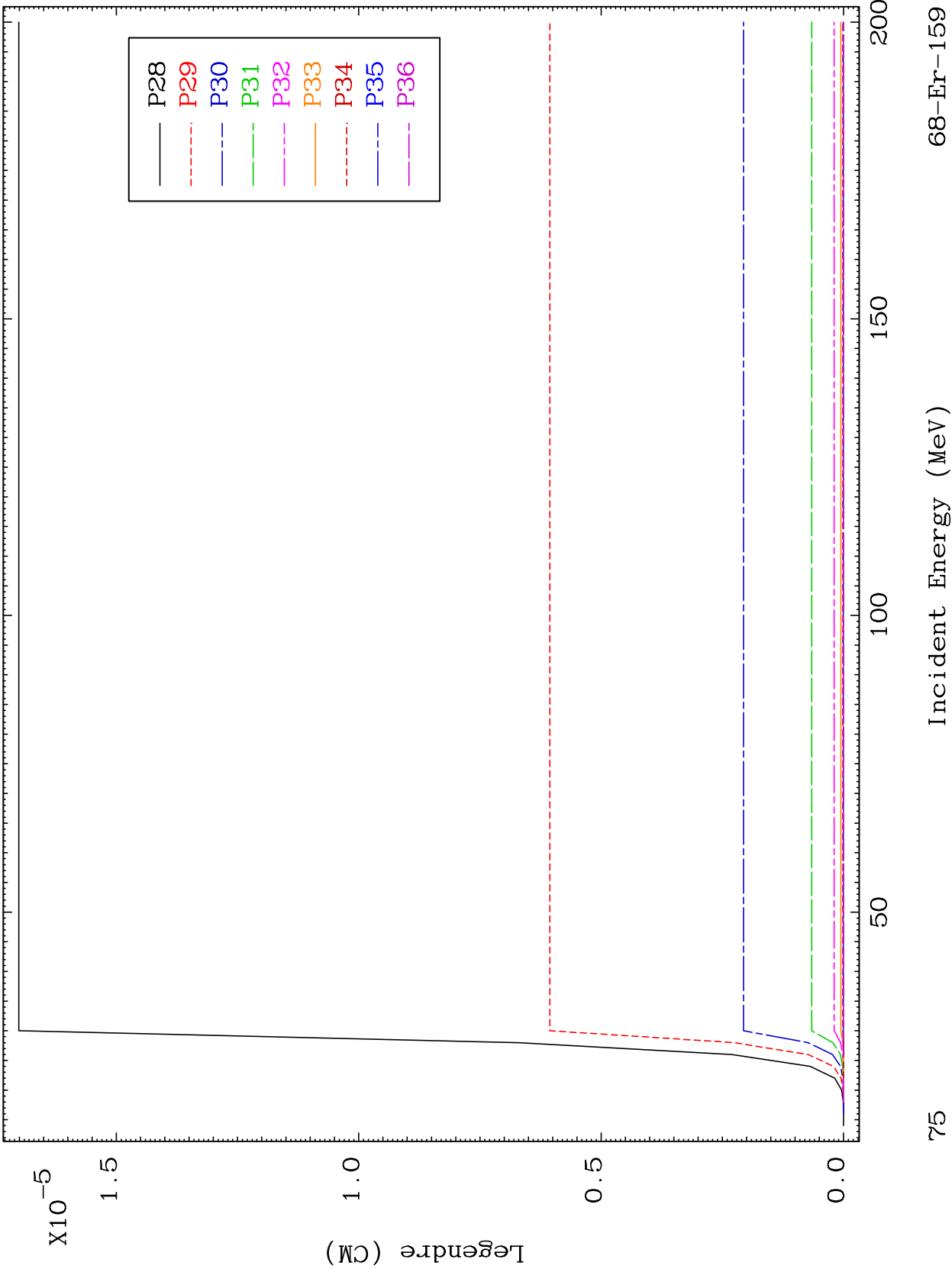
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159

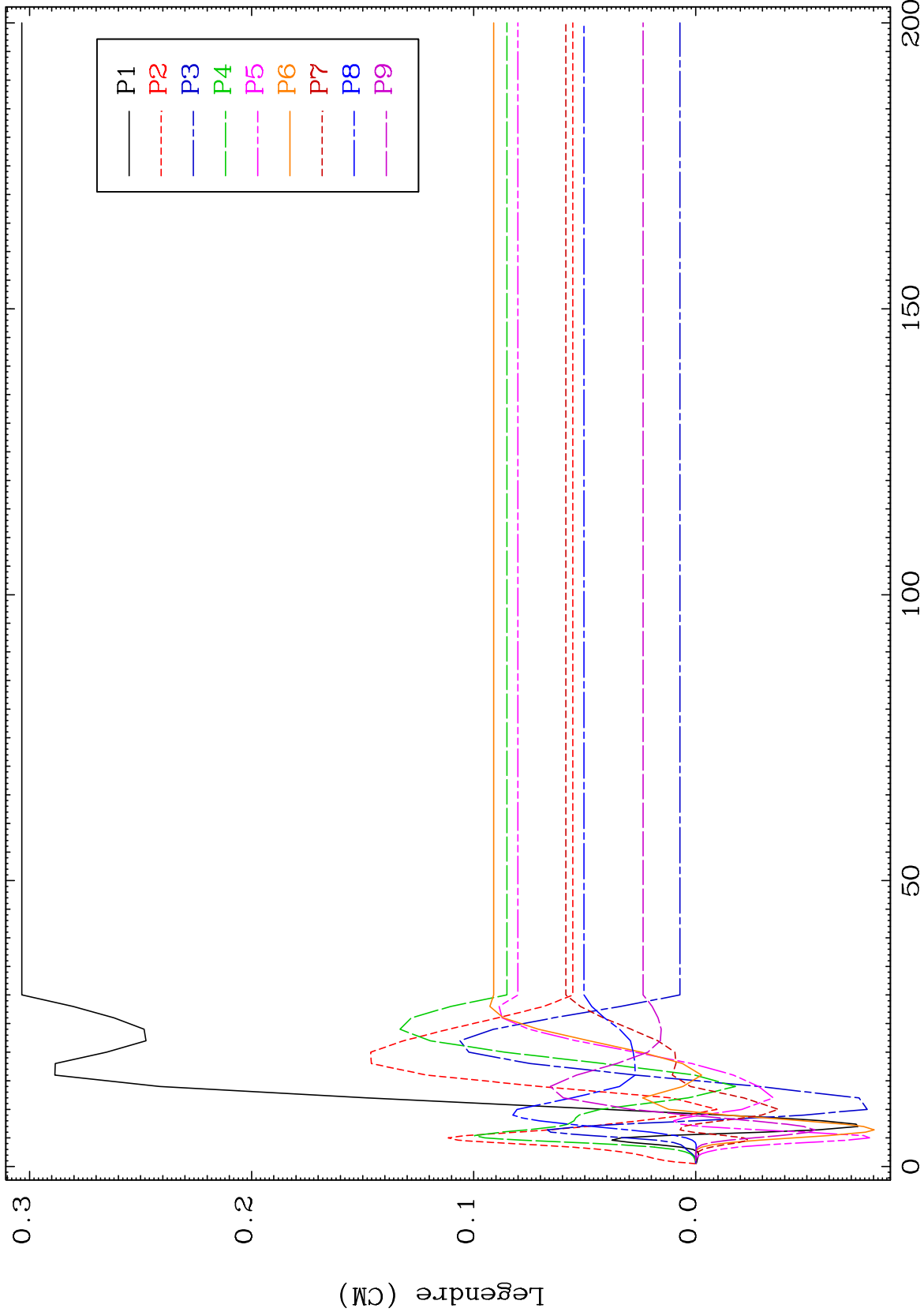


MAT 6816

MT= 65 (n,n') Level

68-Er-159

Legendre Coefficients



76

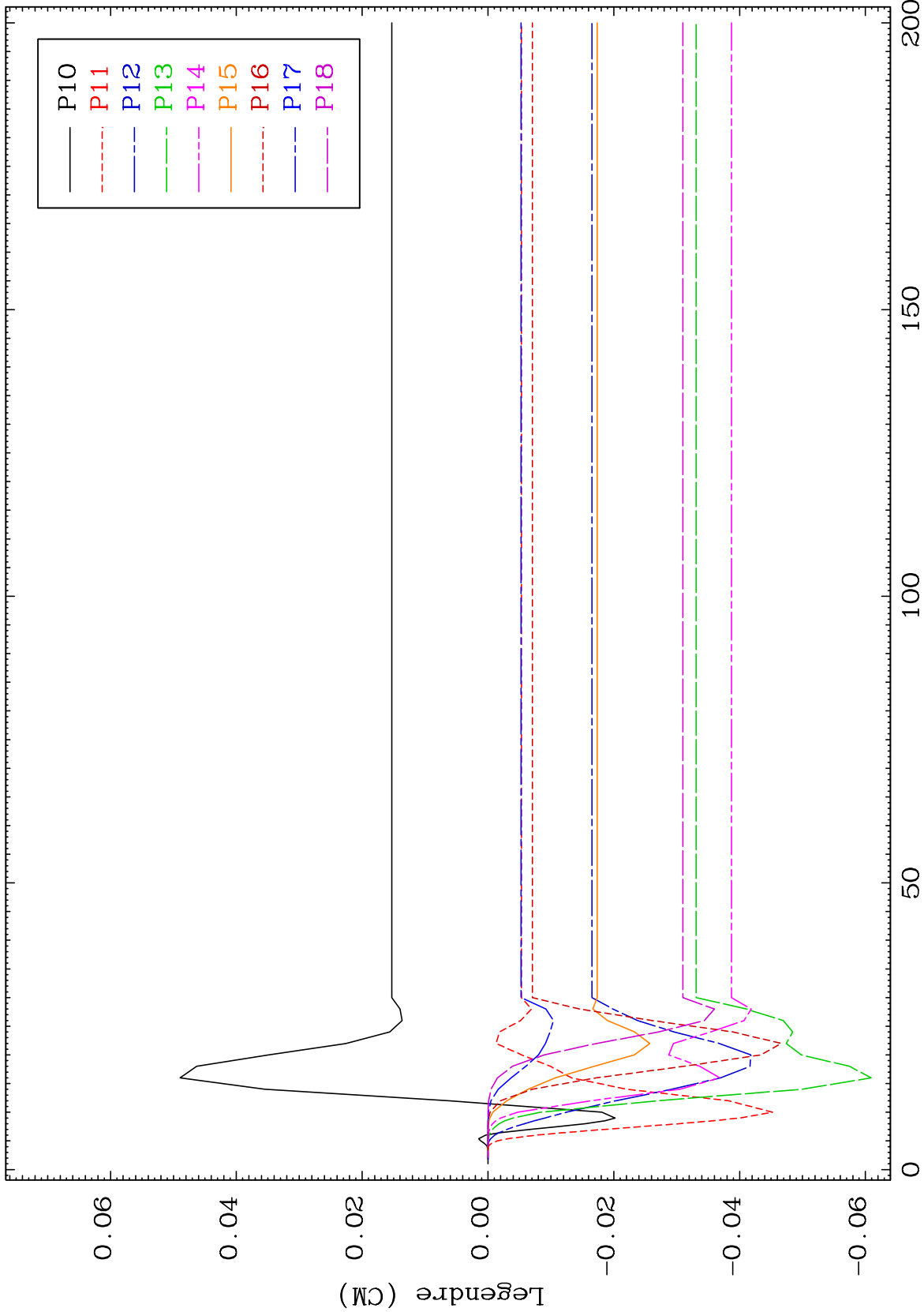
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



77

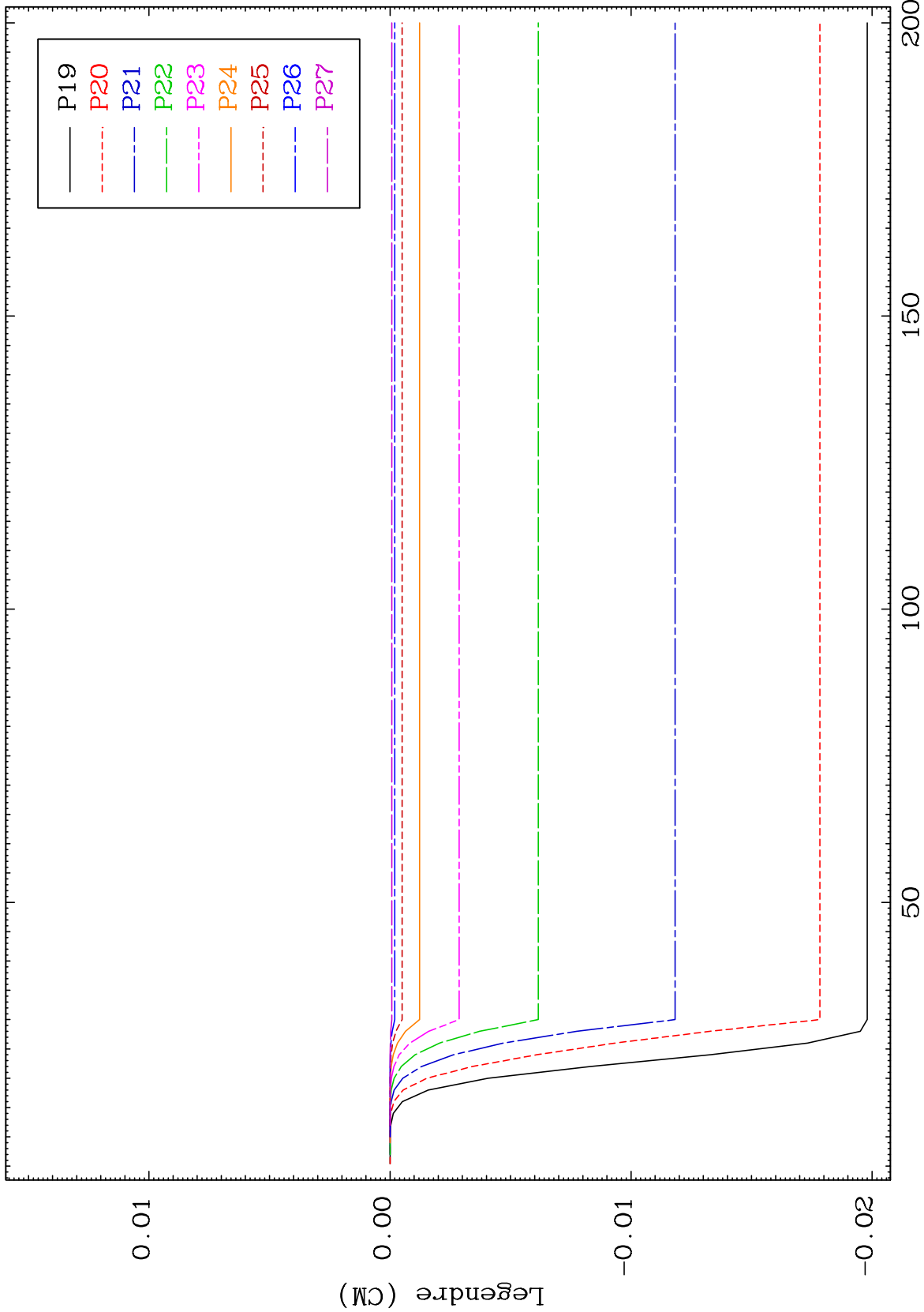
Incident Energy (MeV)

68-Er-159

MAT 6816

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

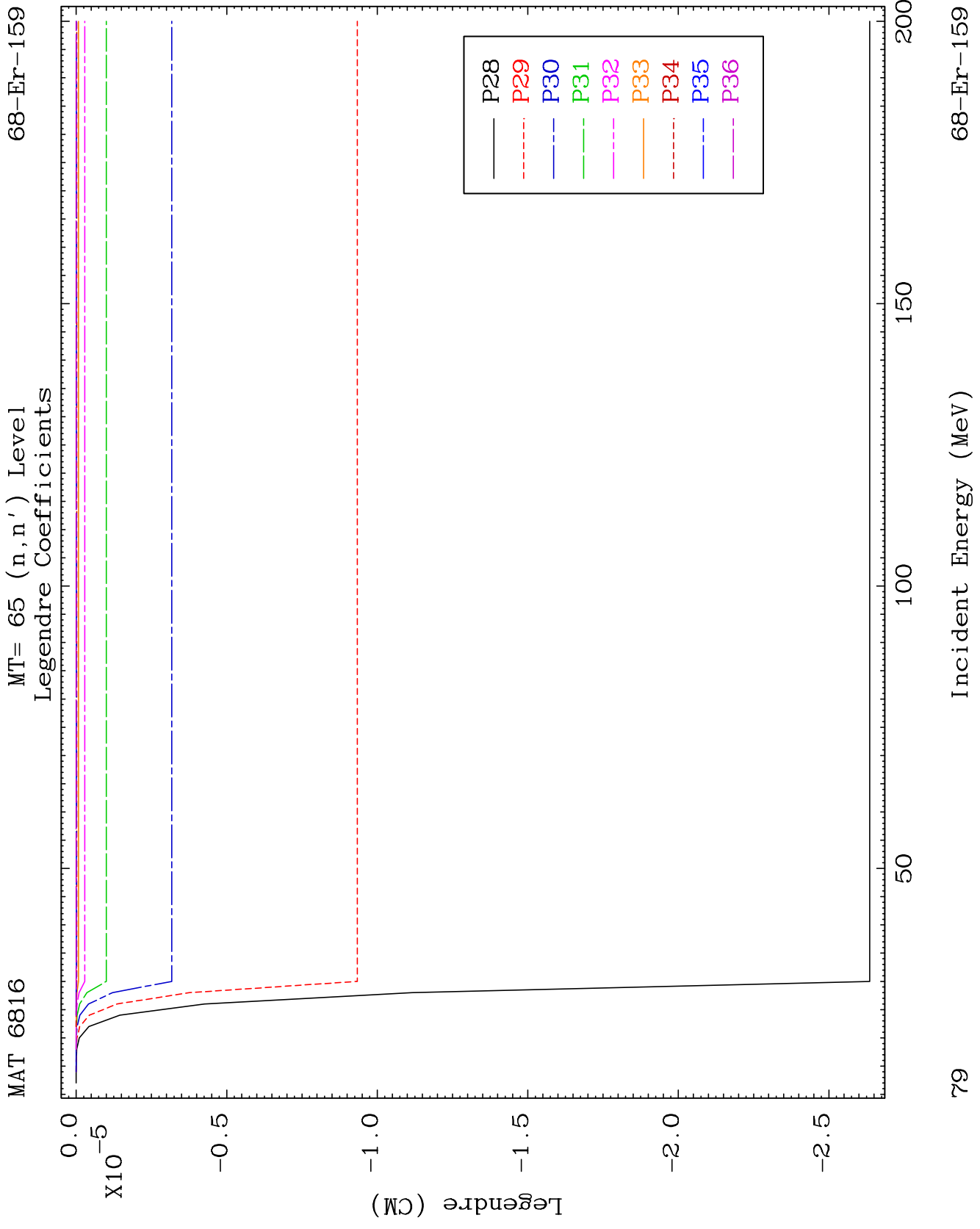
68-Er-159



78

Incident Energy (MeV)

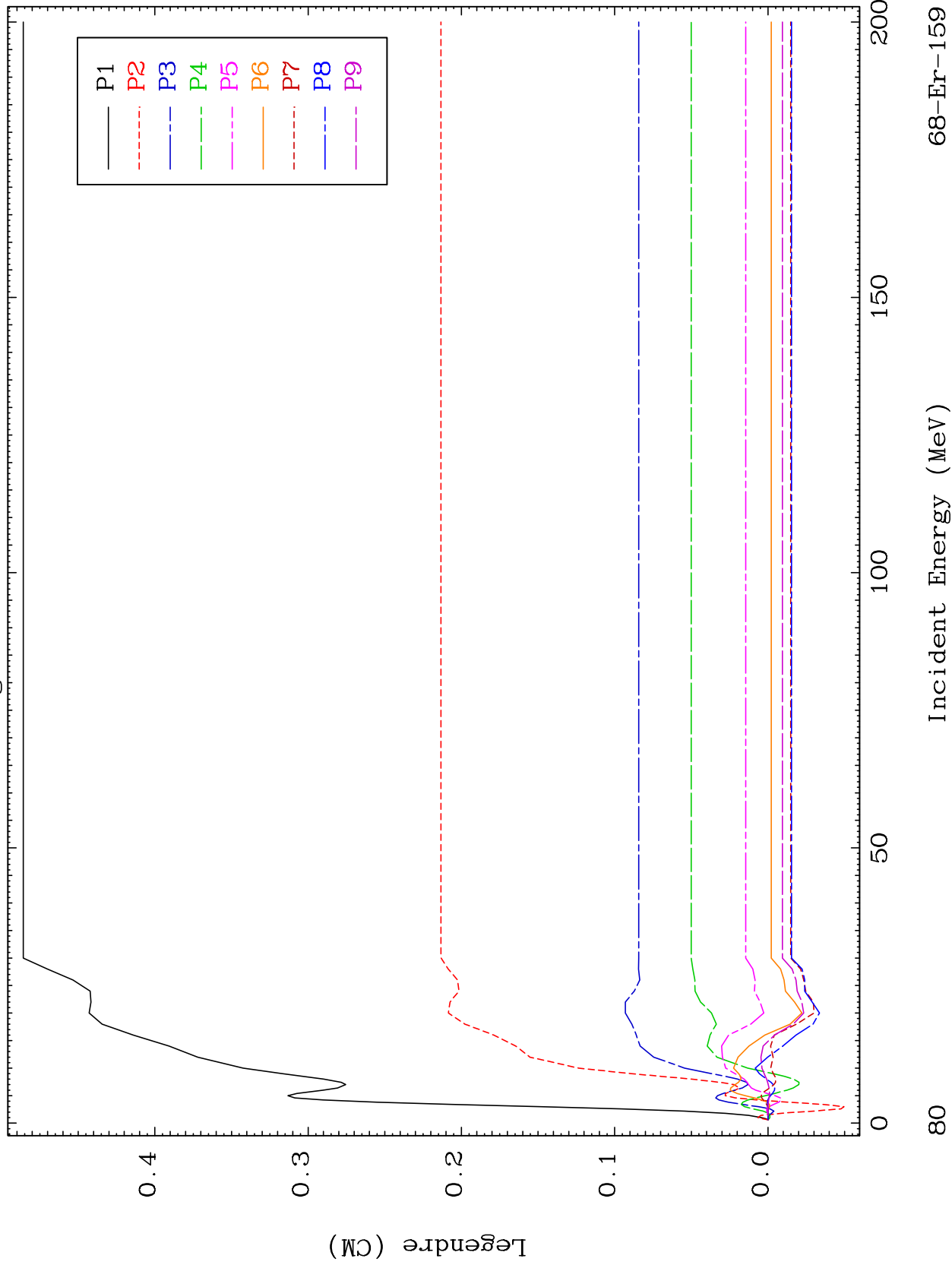
68-Er-159



MAT 6816

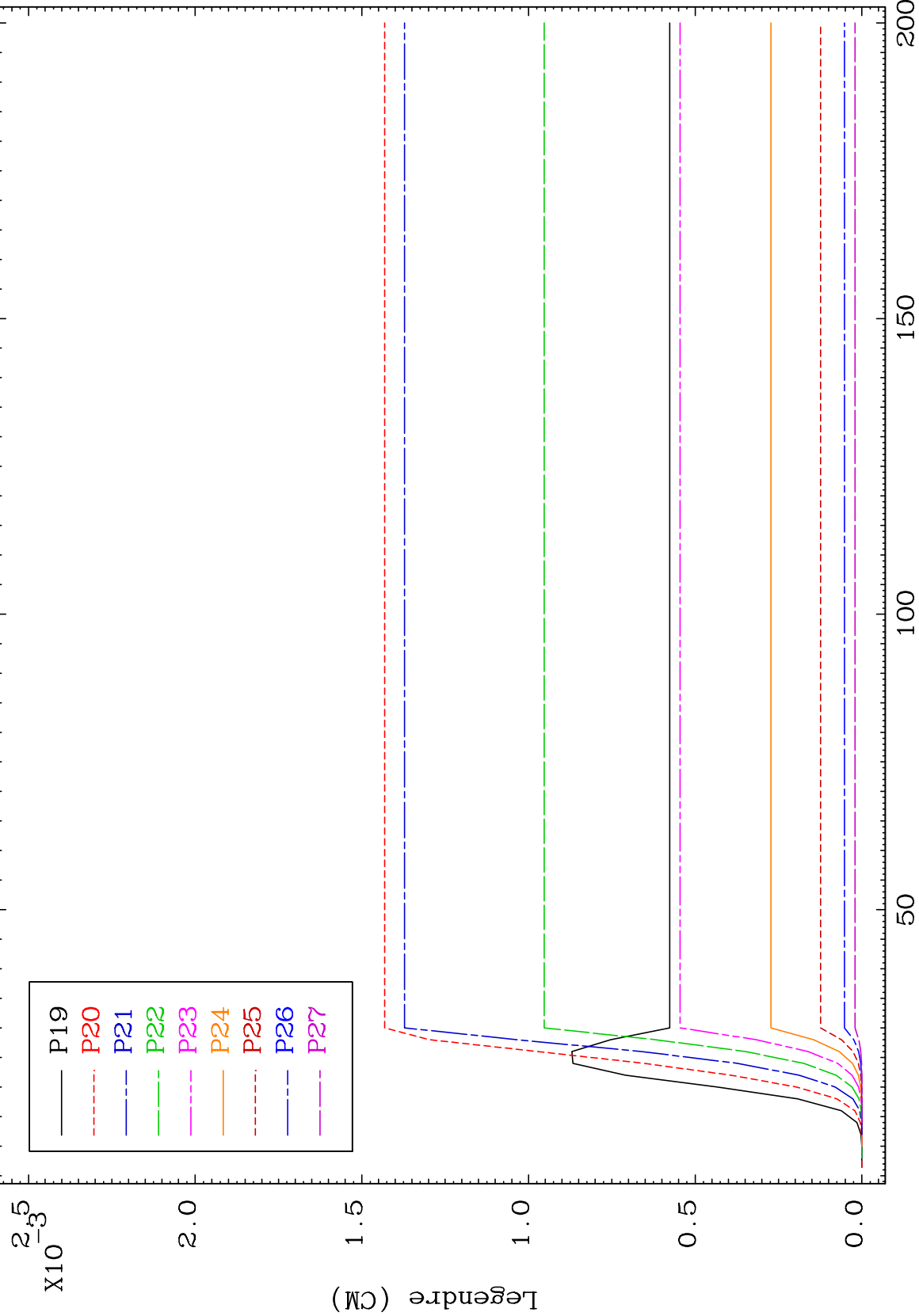
MT= 66 (n,n') Level
Legendre Coefficients

68-Er-159



68-Er-159

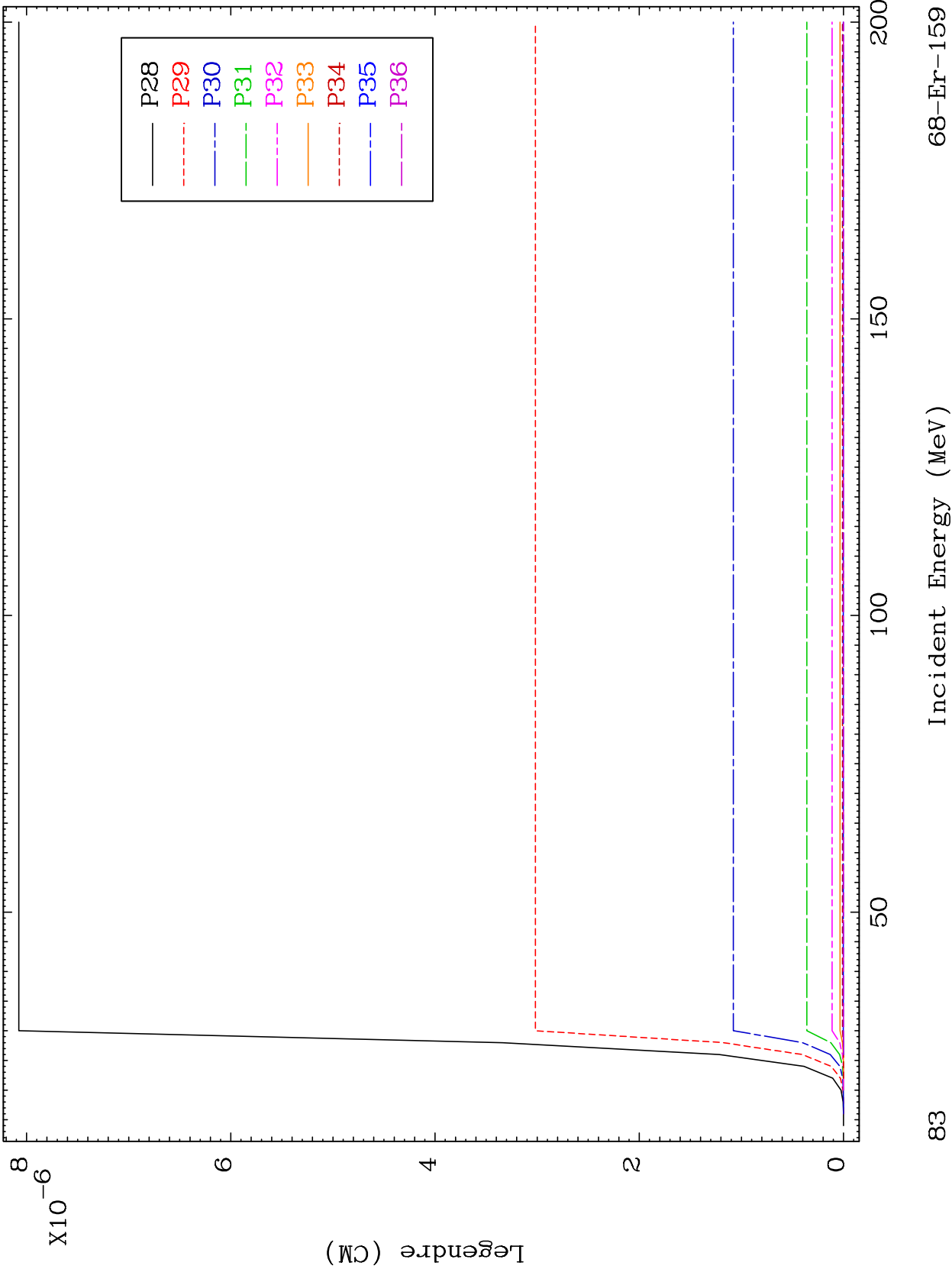
Incident Energy (MeV)



MAT 6816

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

68-Er-159



83

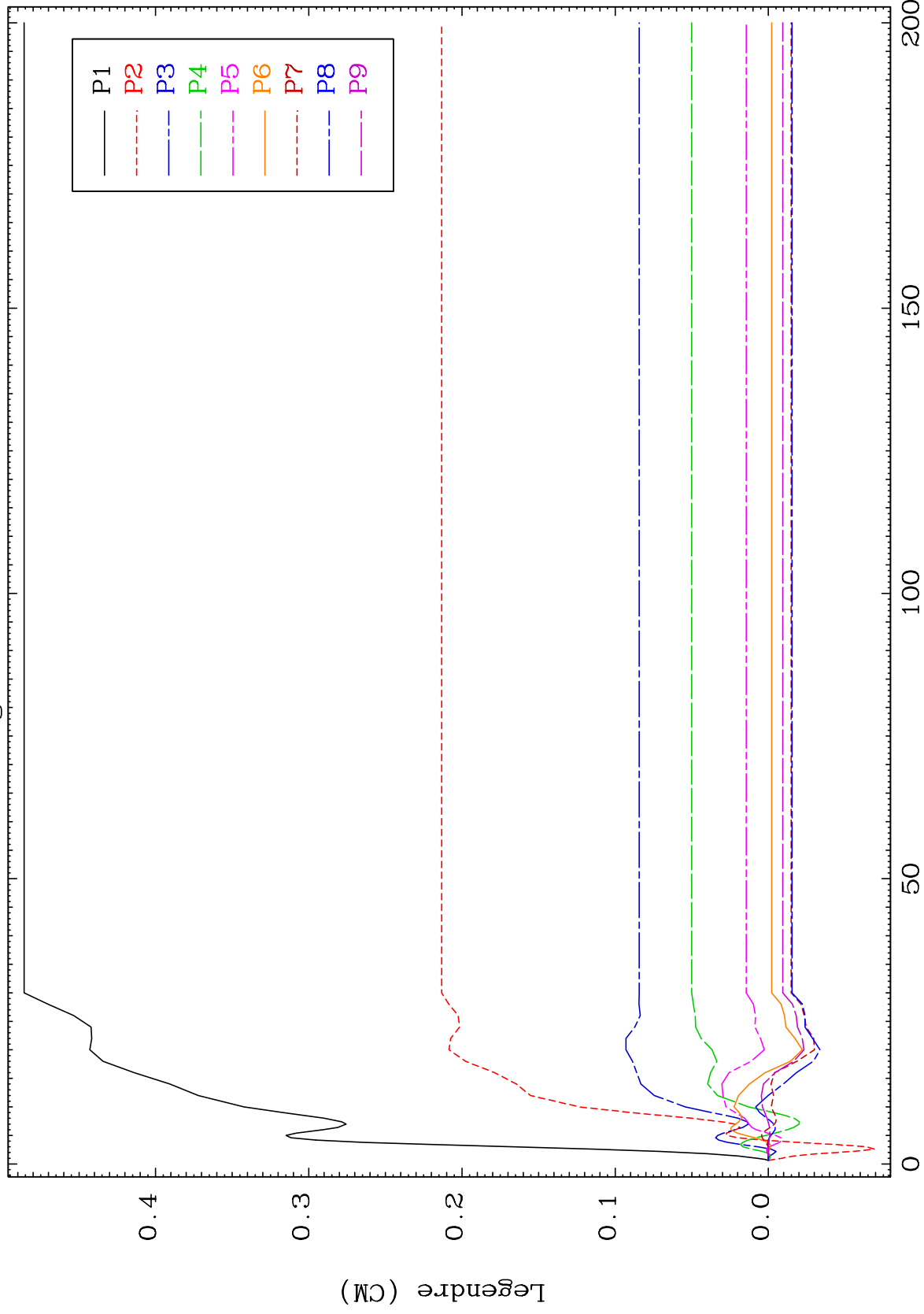
Incident Energy (MeV)

68-Er-159

MAT 6816

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

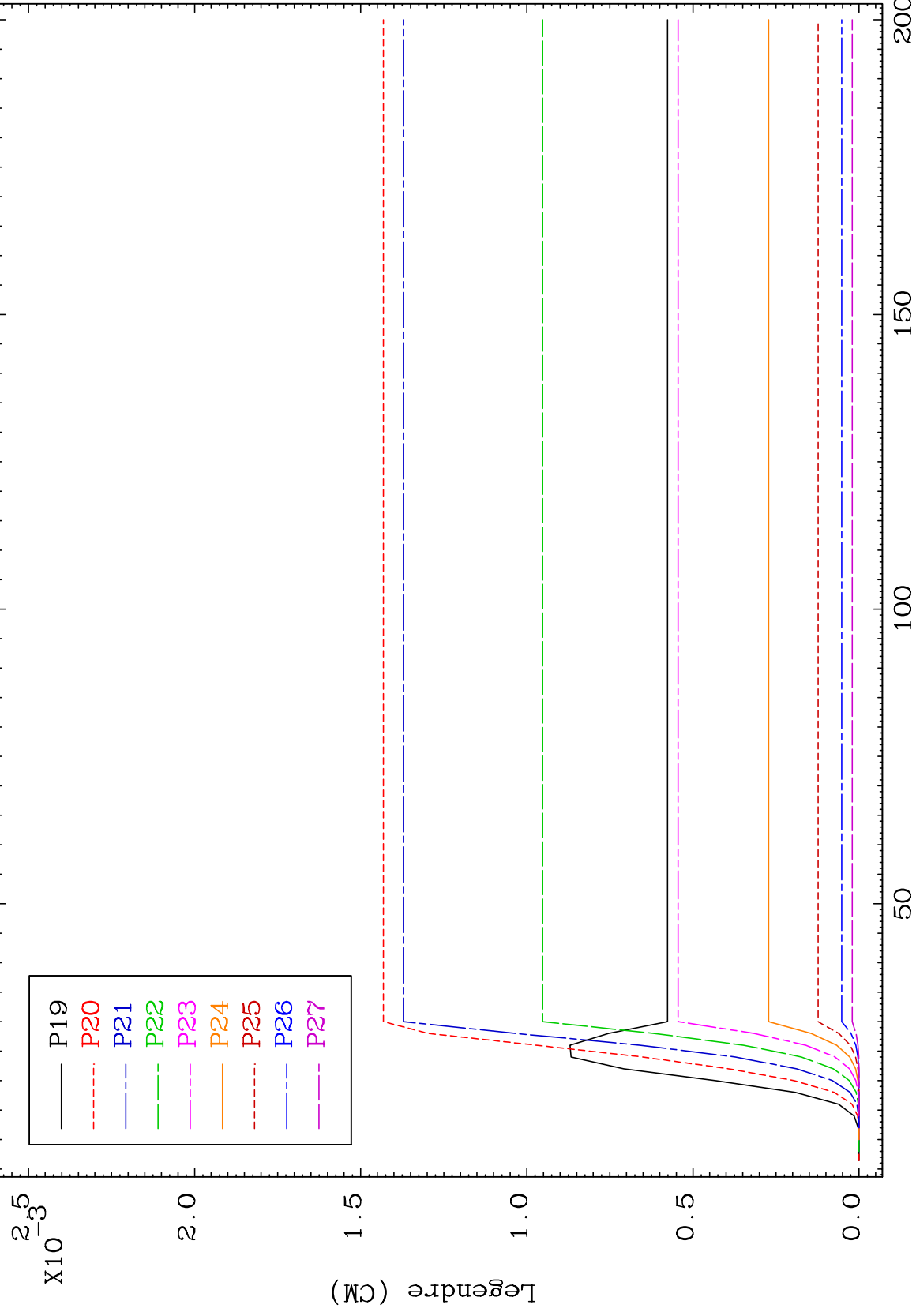
68-Er-159



84

Incident Energy (MeV)

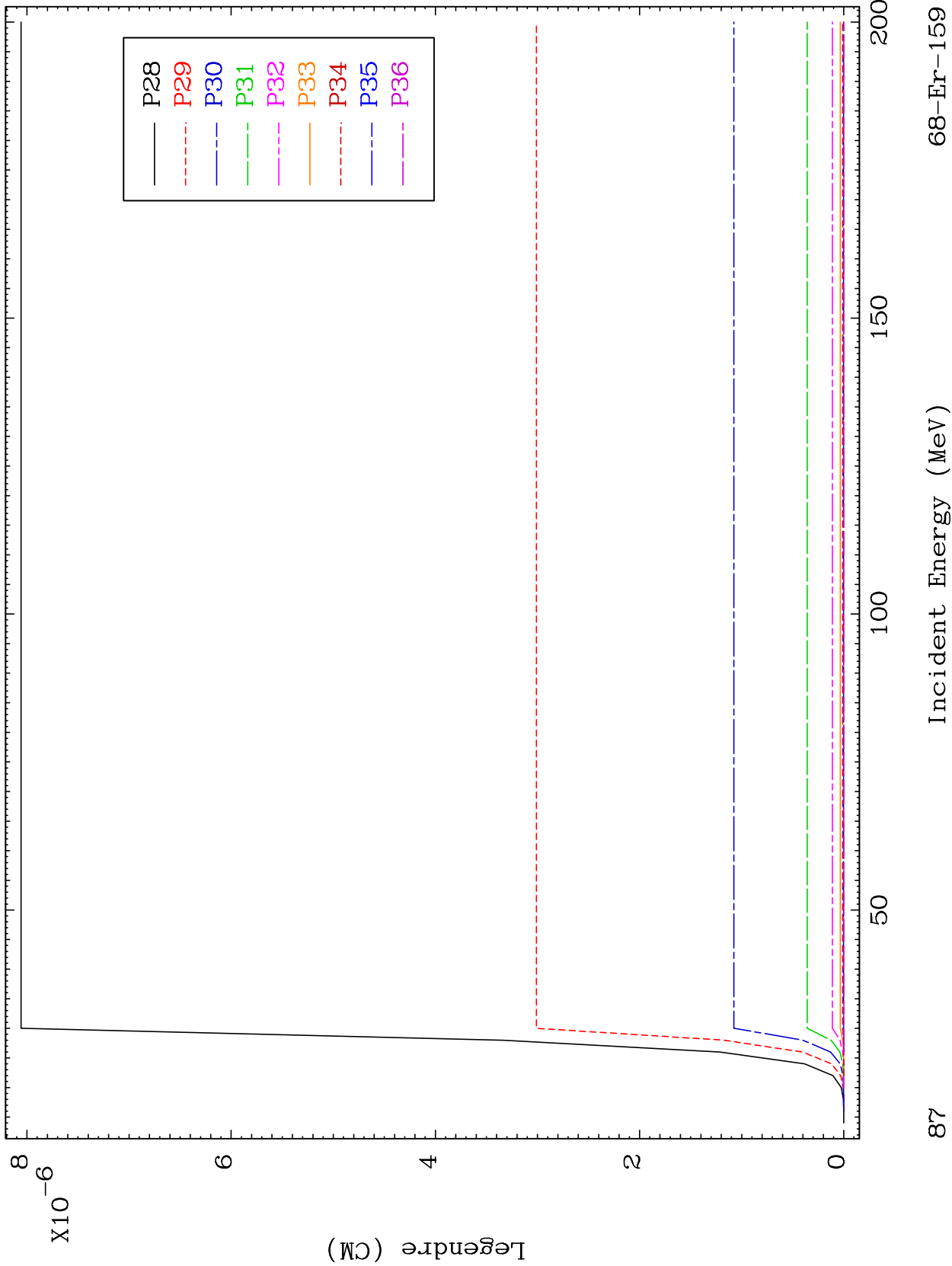
68-Er-159



MAT 6816

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

68-Er-159



87

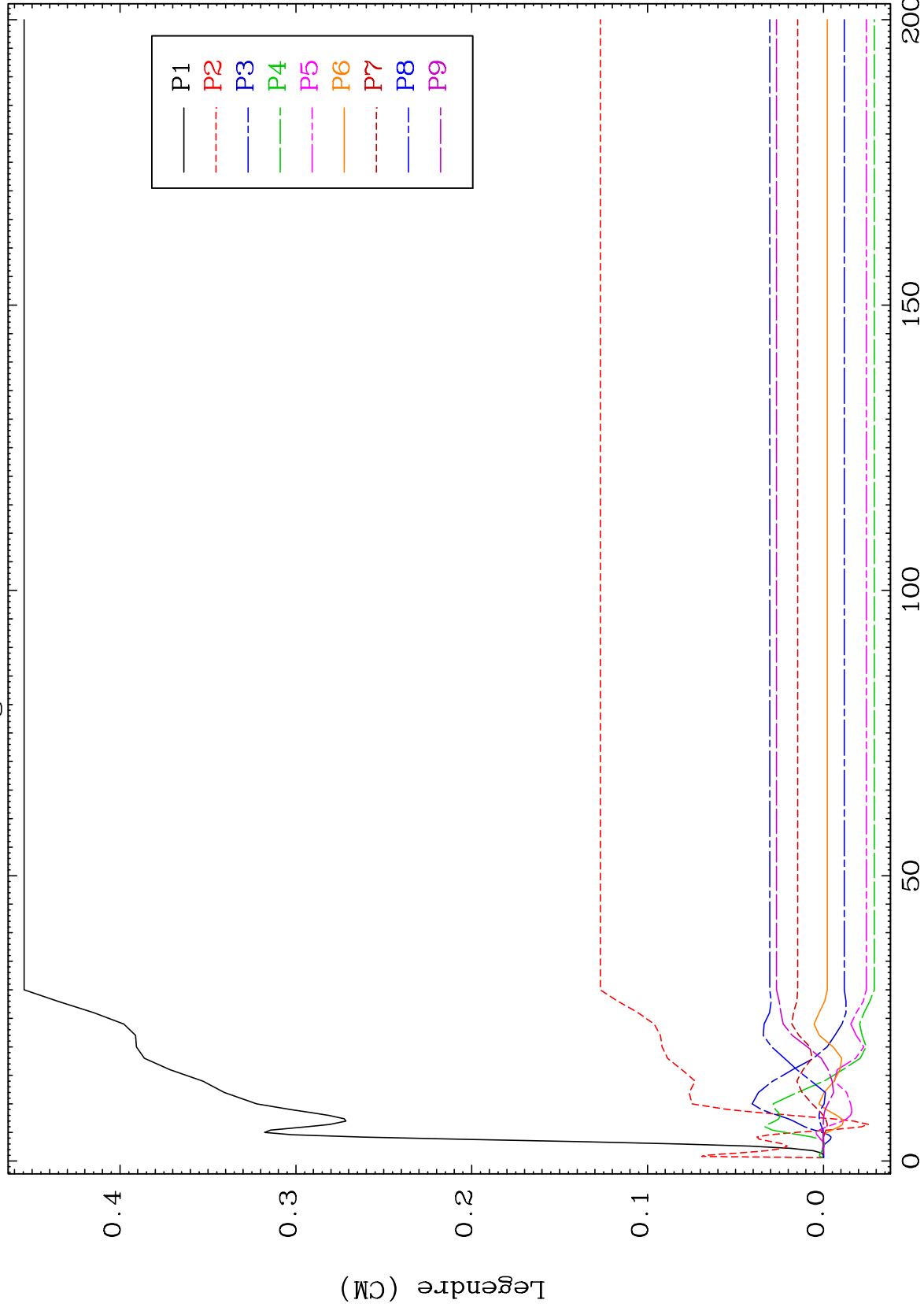
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



88

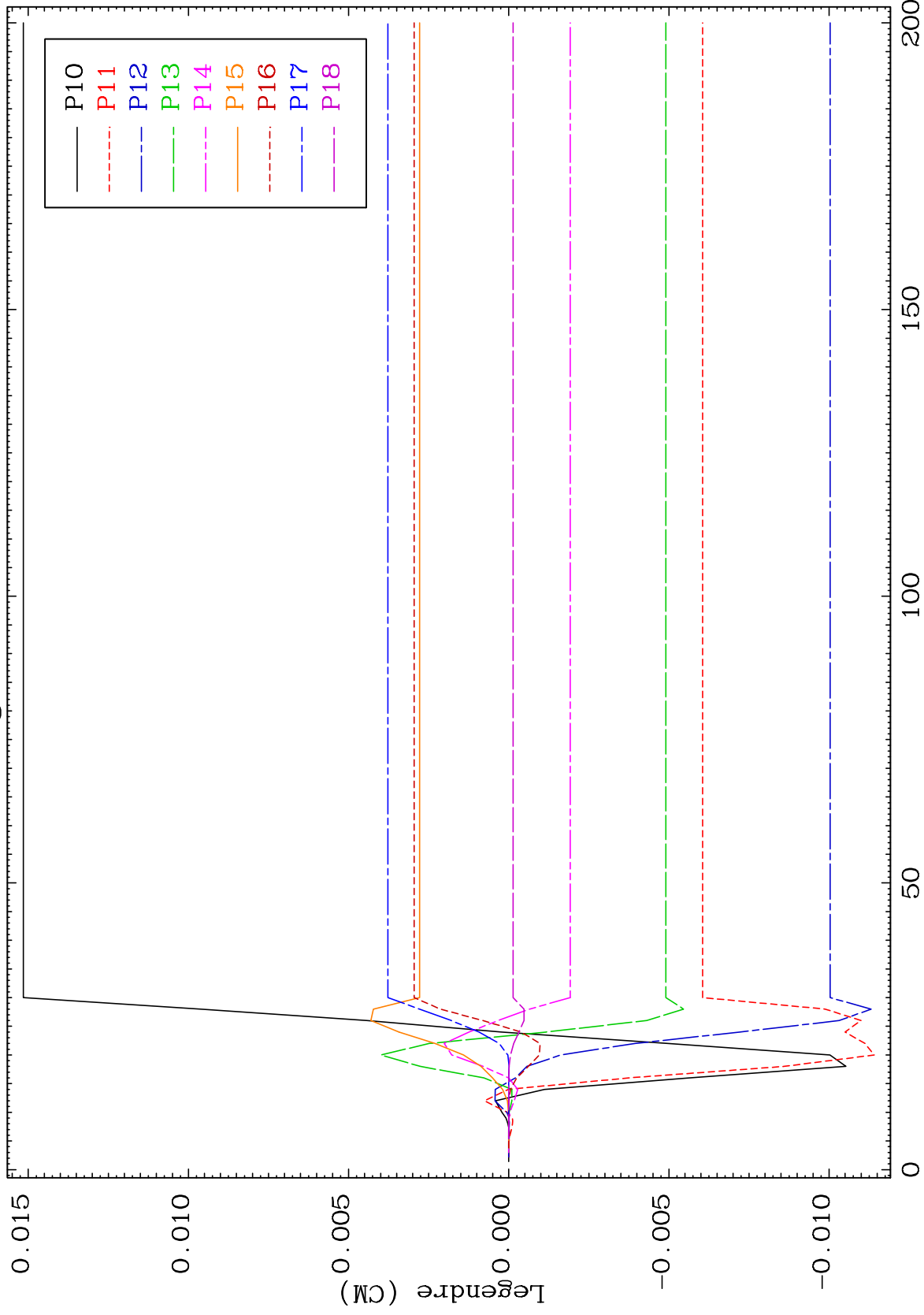
Incident Energy (MeV)

68-Er-159

MAT 6816

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

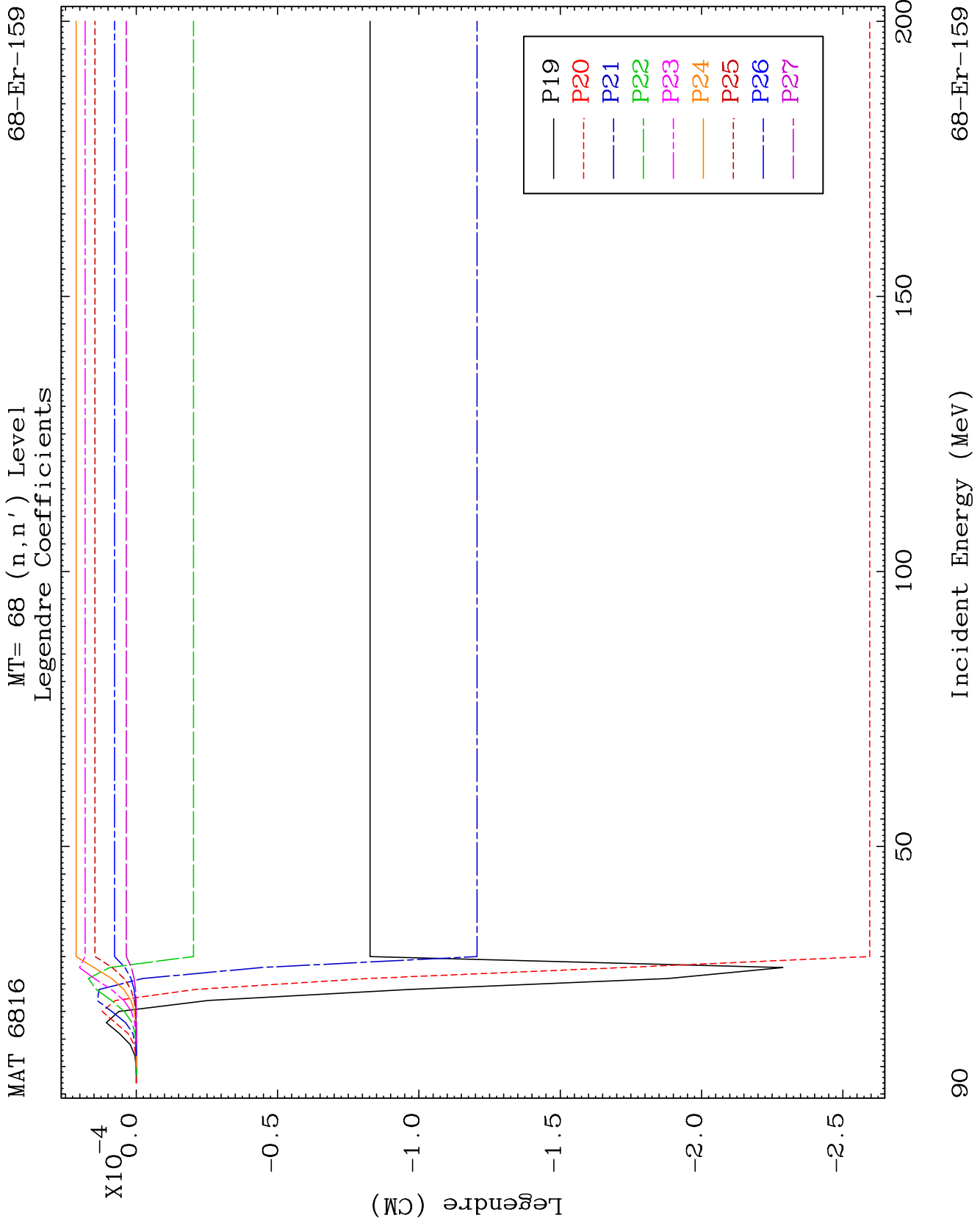
68-Er-159



89

Incident Energy (MeV)

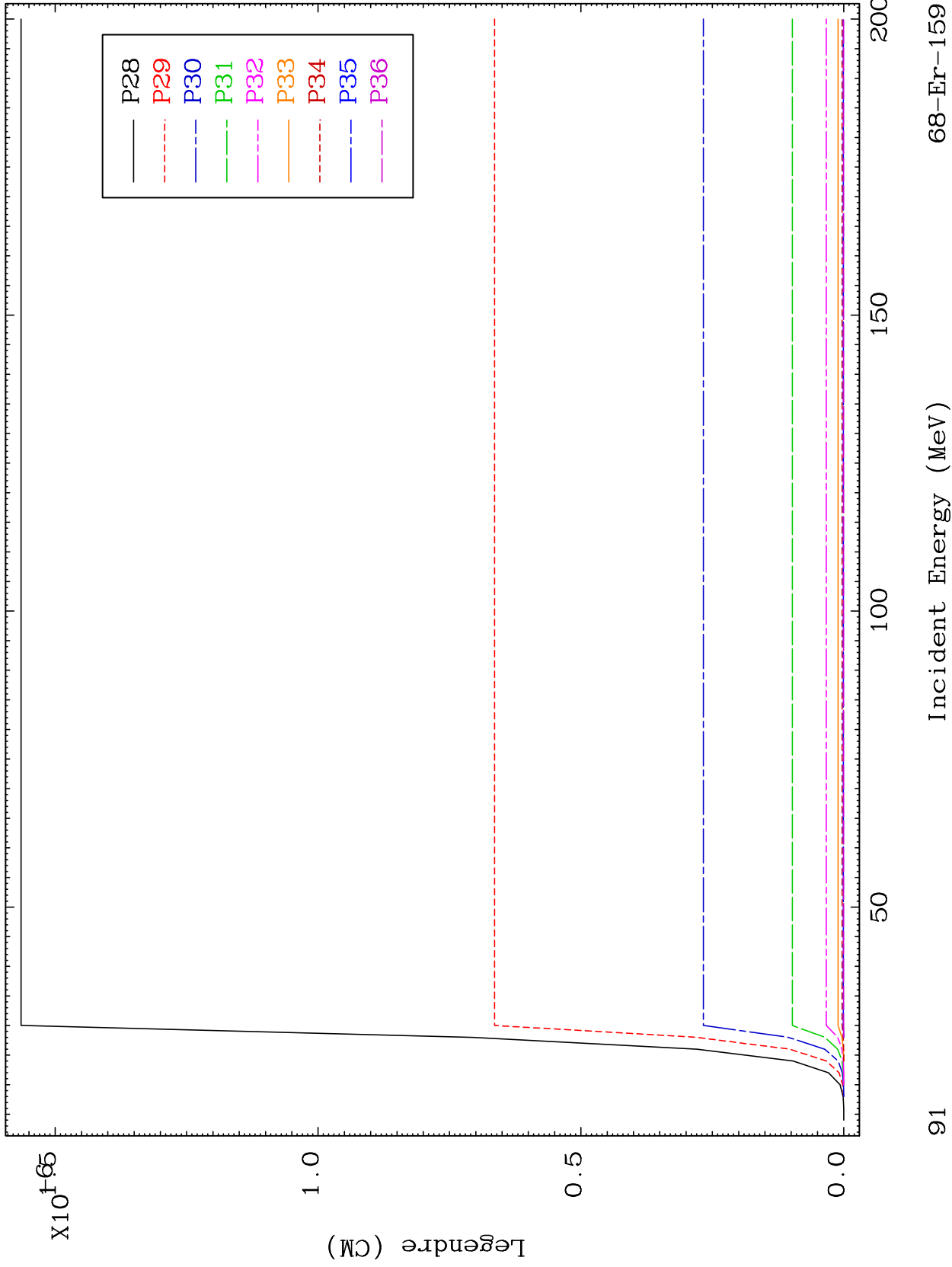
68-Er-159



MAT 6816

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

68-Er-159



91

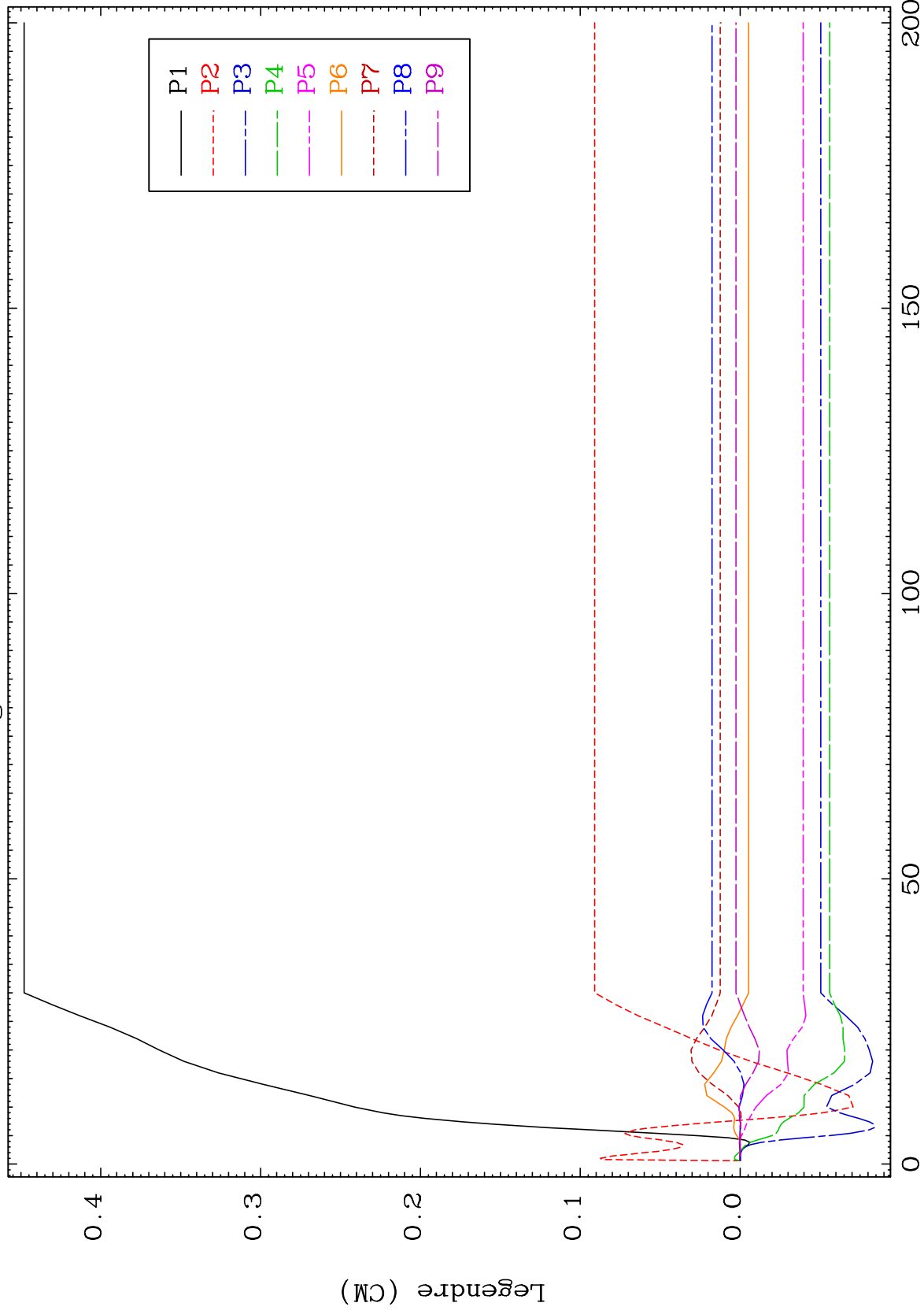
Incident Energy (MeV)

68-Er-159

MAT 6816

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

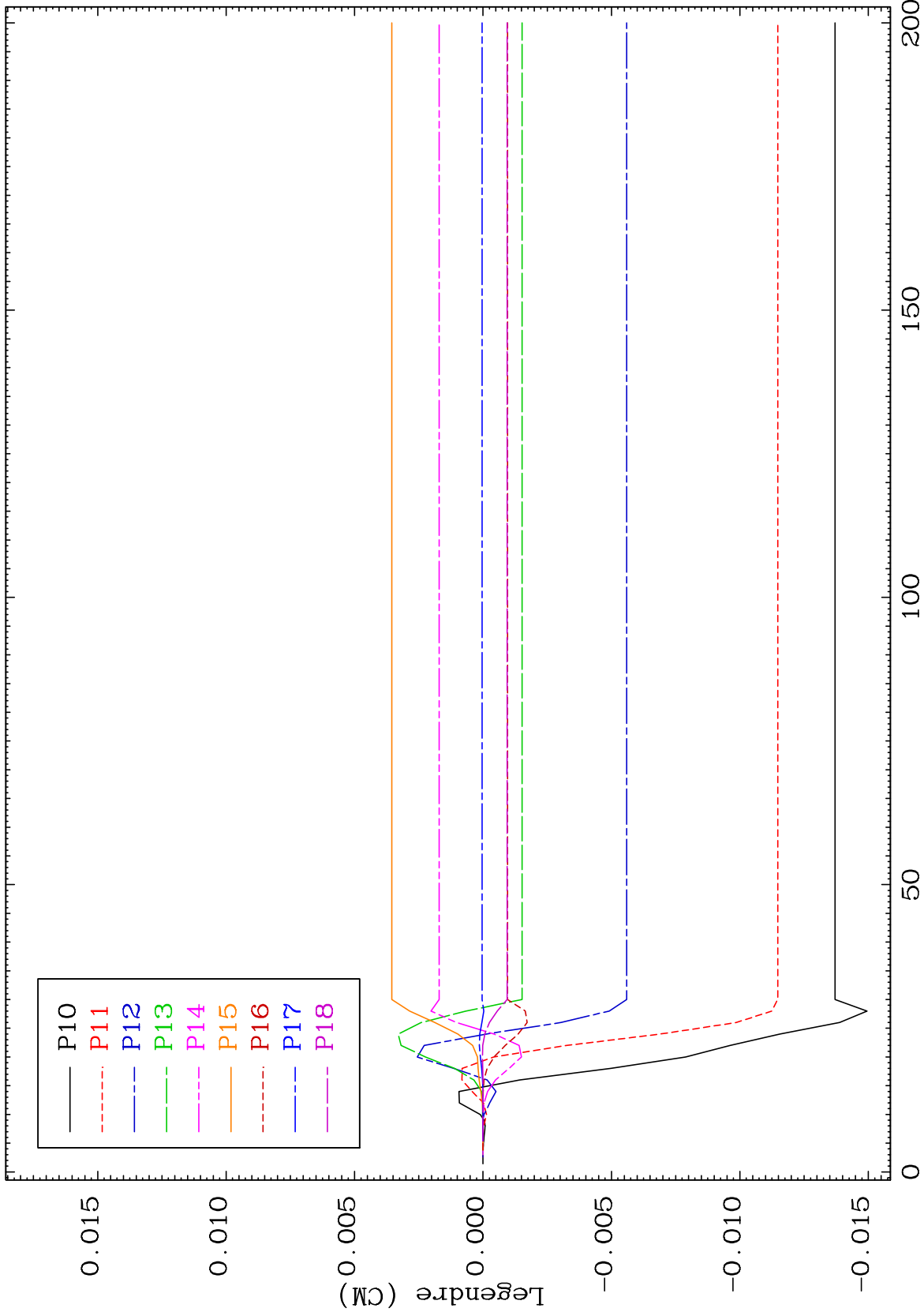
68-Er-159



92

Incident Energy (MeV)

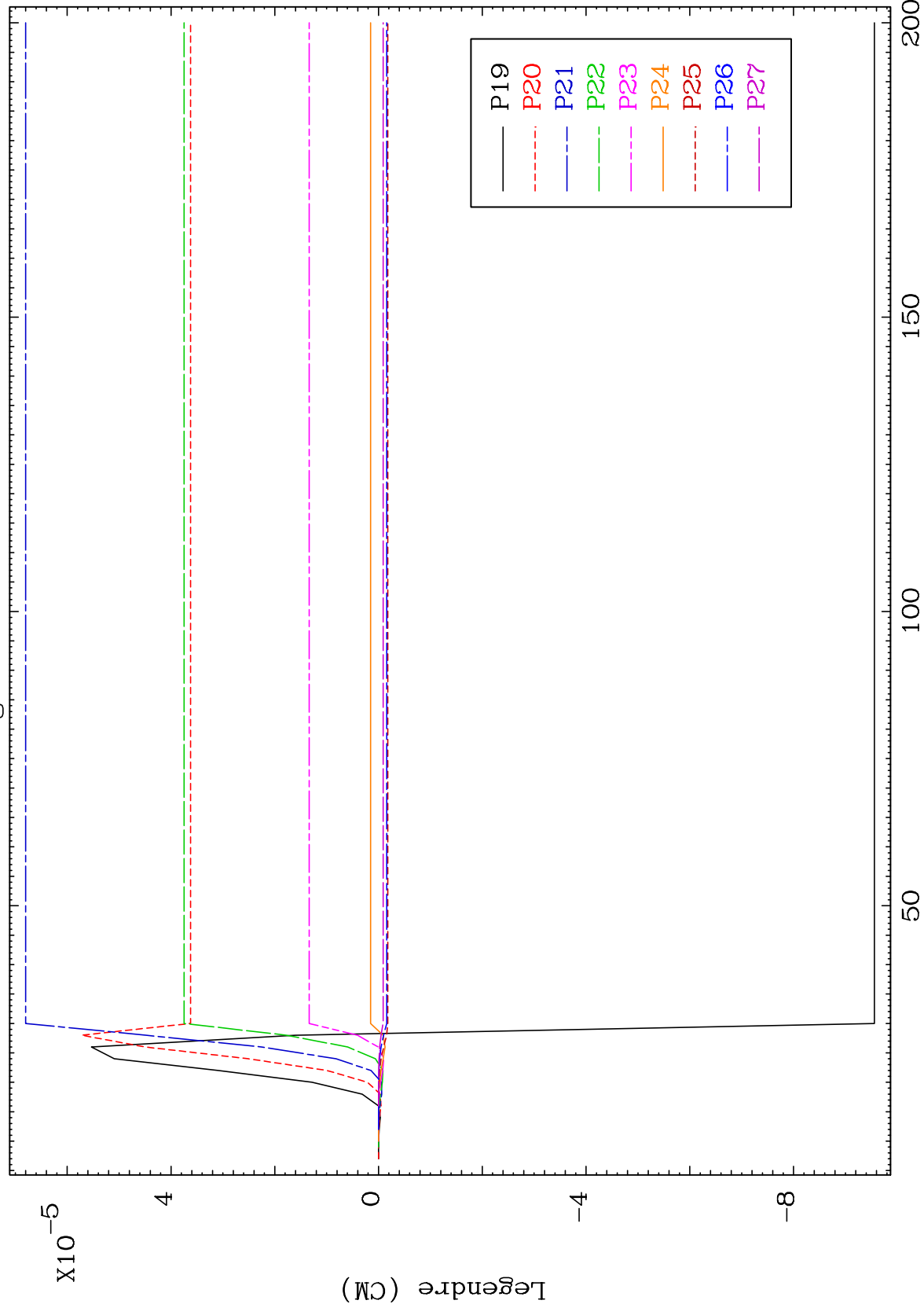
68-Er-159



MAT 6816

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

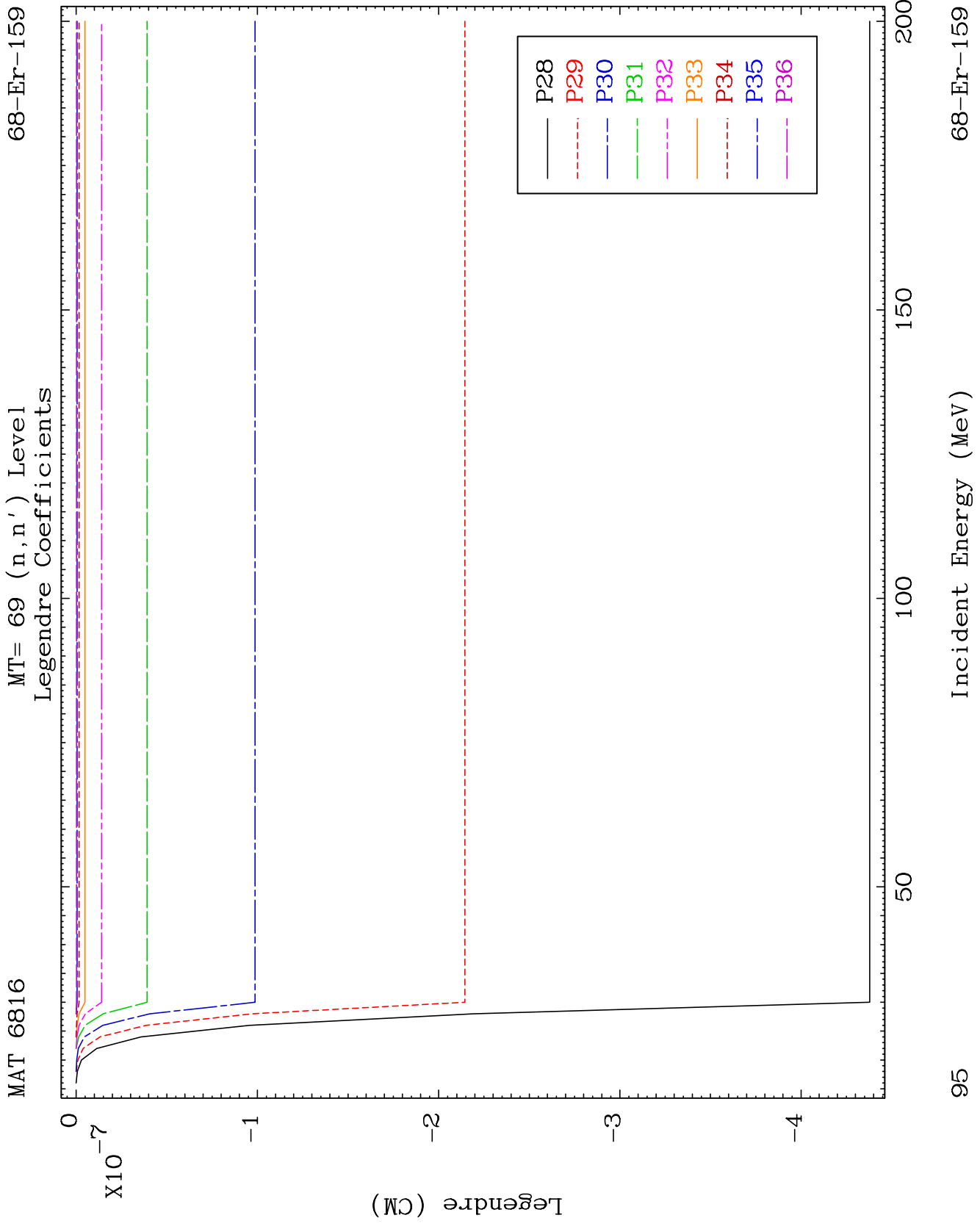
68-Er-159



94

Incident Energy (MeV)

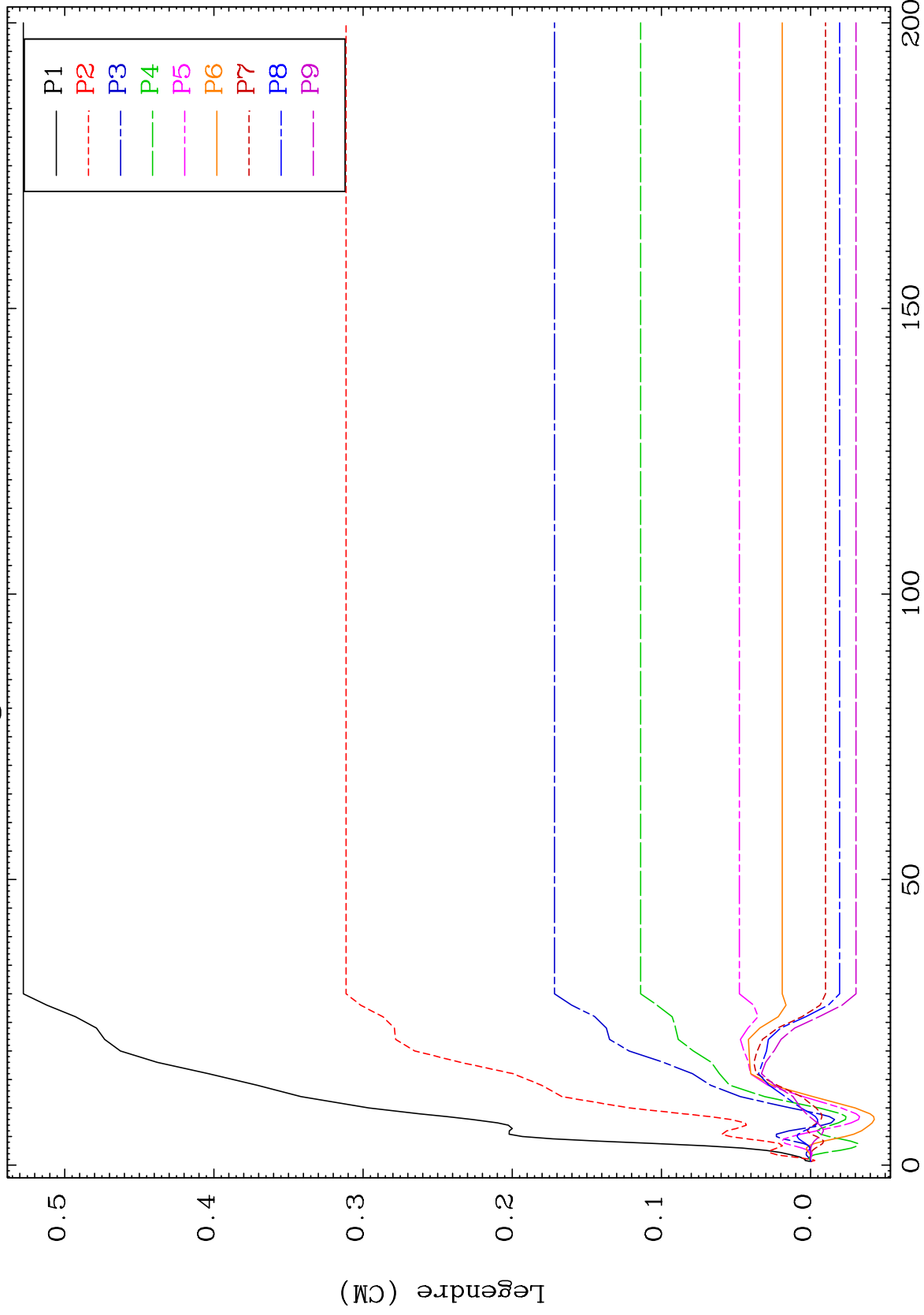
68-Er-159



MAT 6816

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

68-Er-159



96

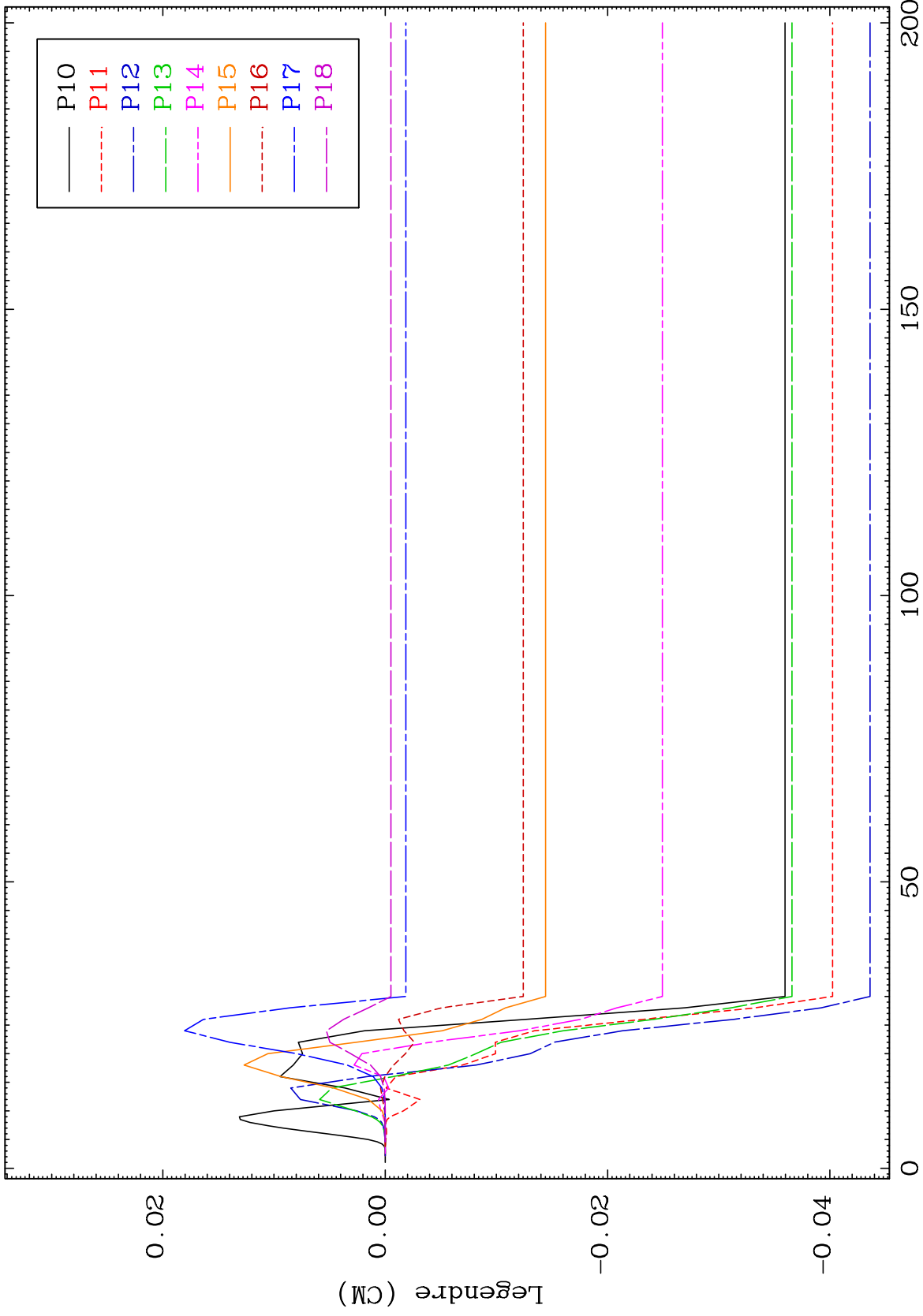
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



97

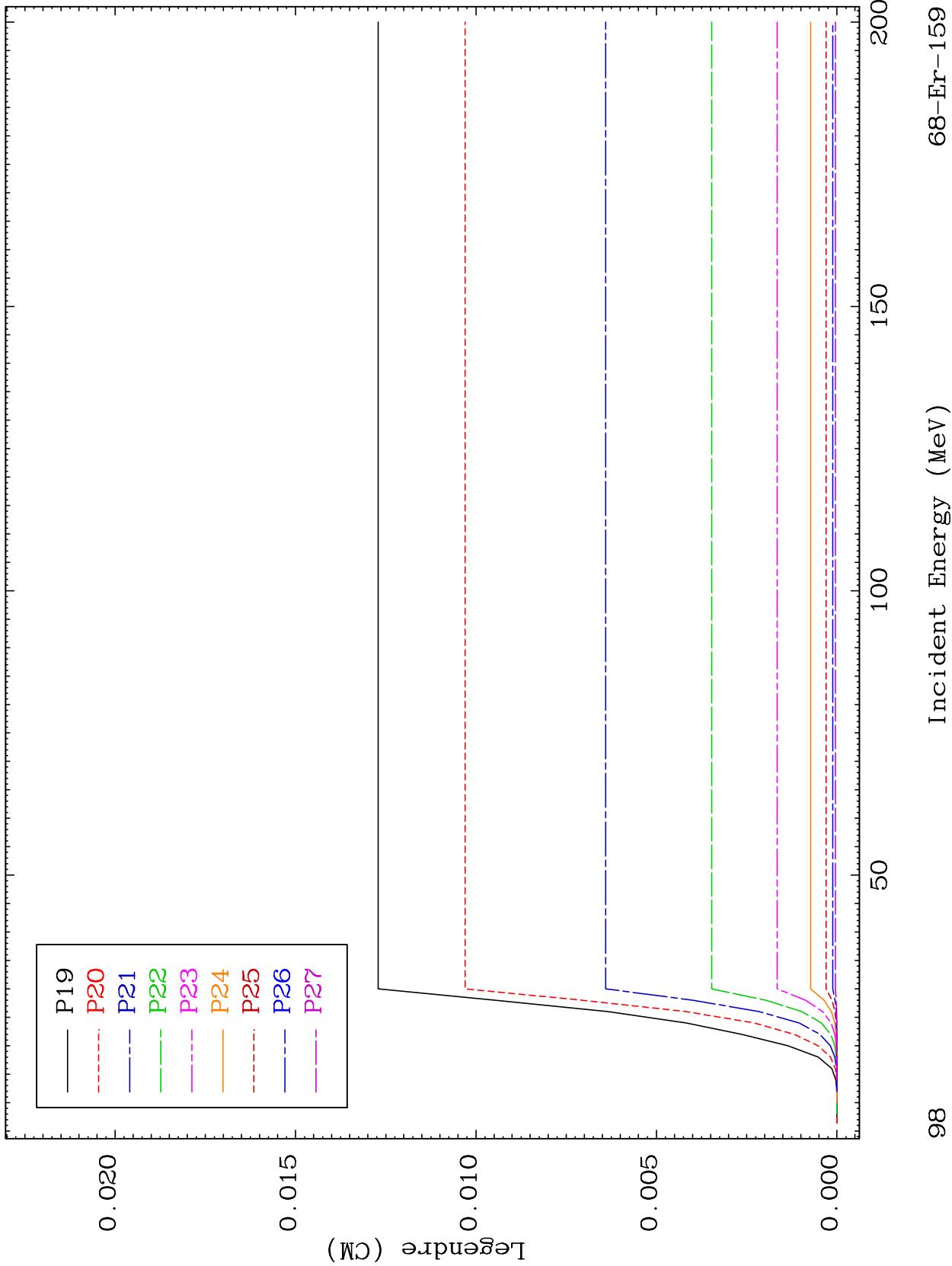
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159

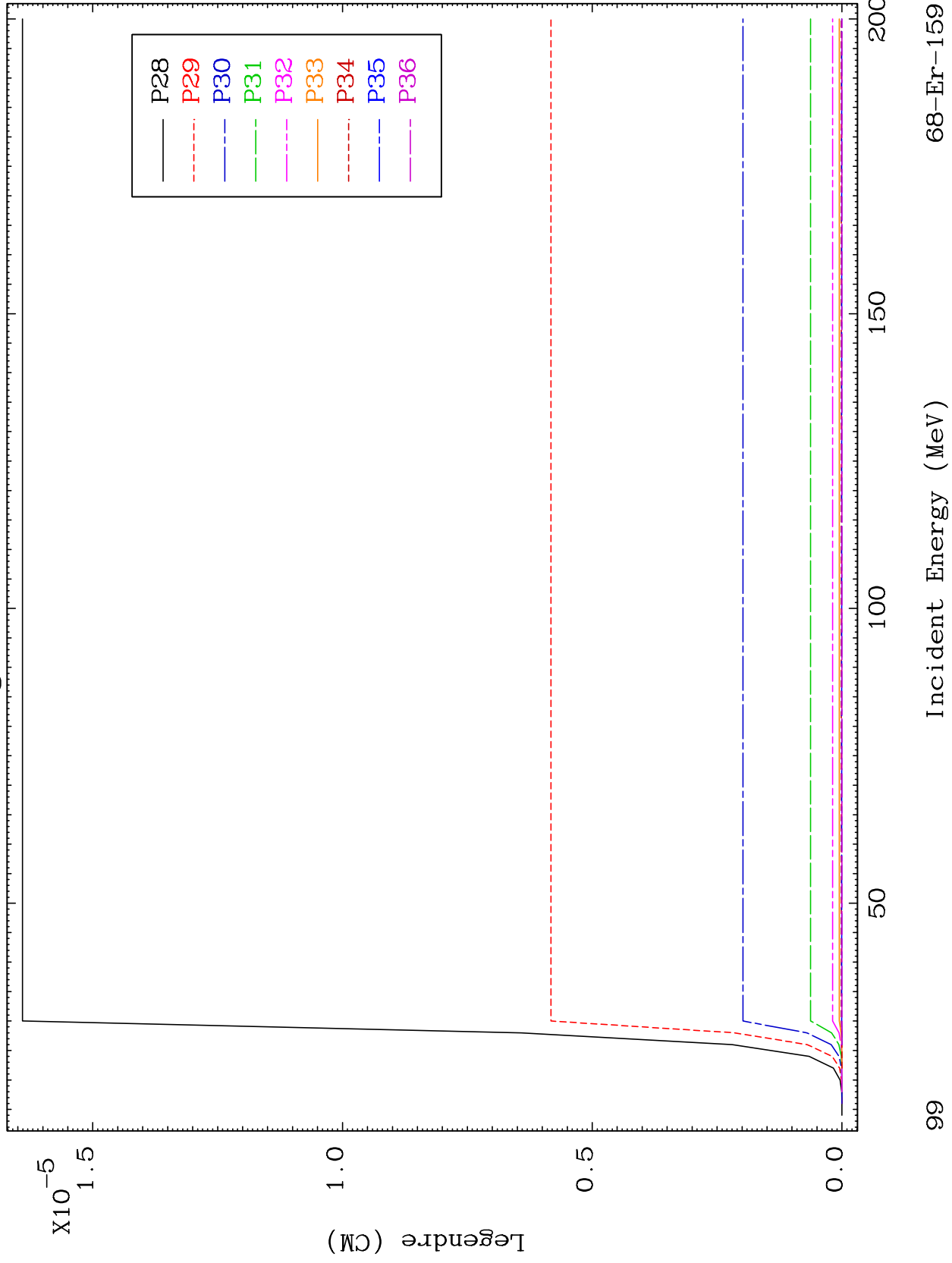


98

MAT 6816

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

68-Er-159



99

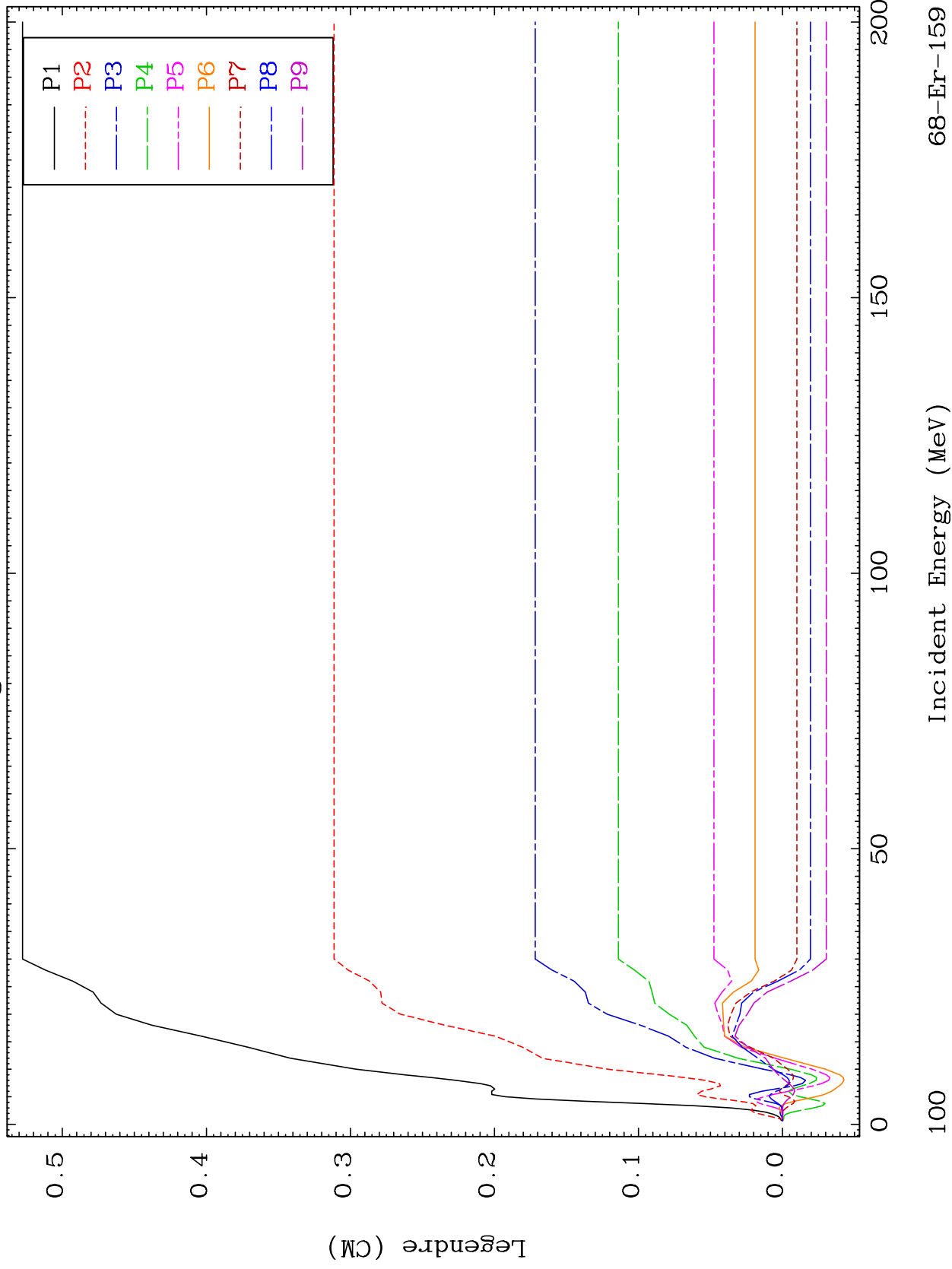
Incident Energy (MeV)

68-Er-159

MAT 6816

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

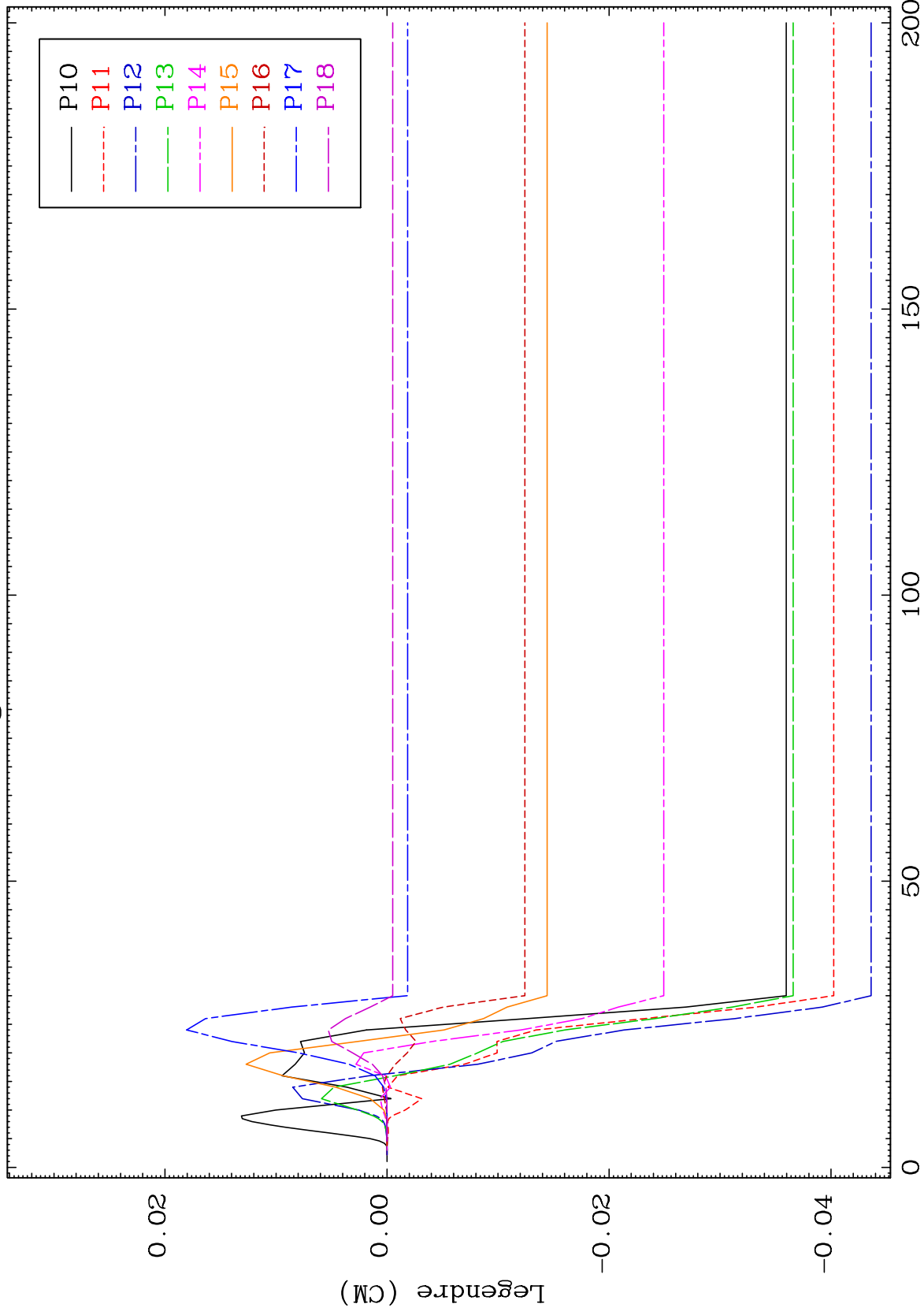
68-Er-159



MAT 6816

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

68-Er-159



101

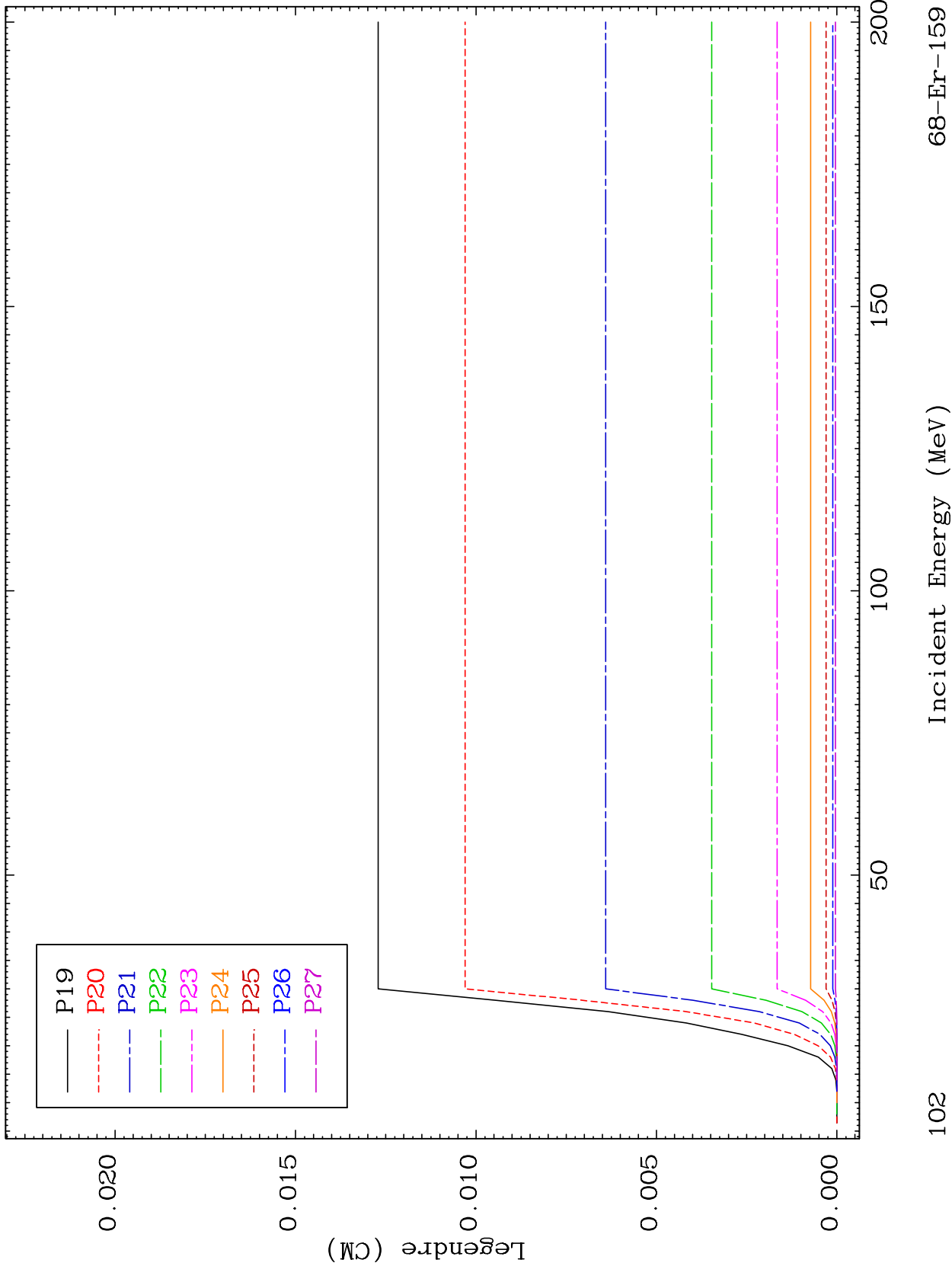
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



102

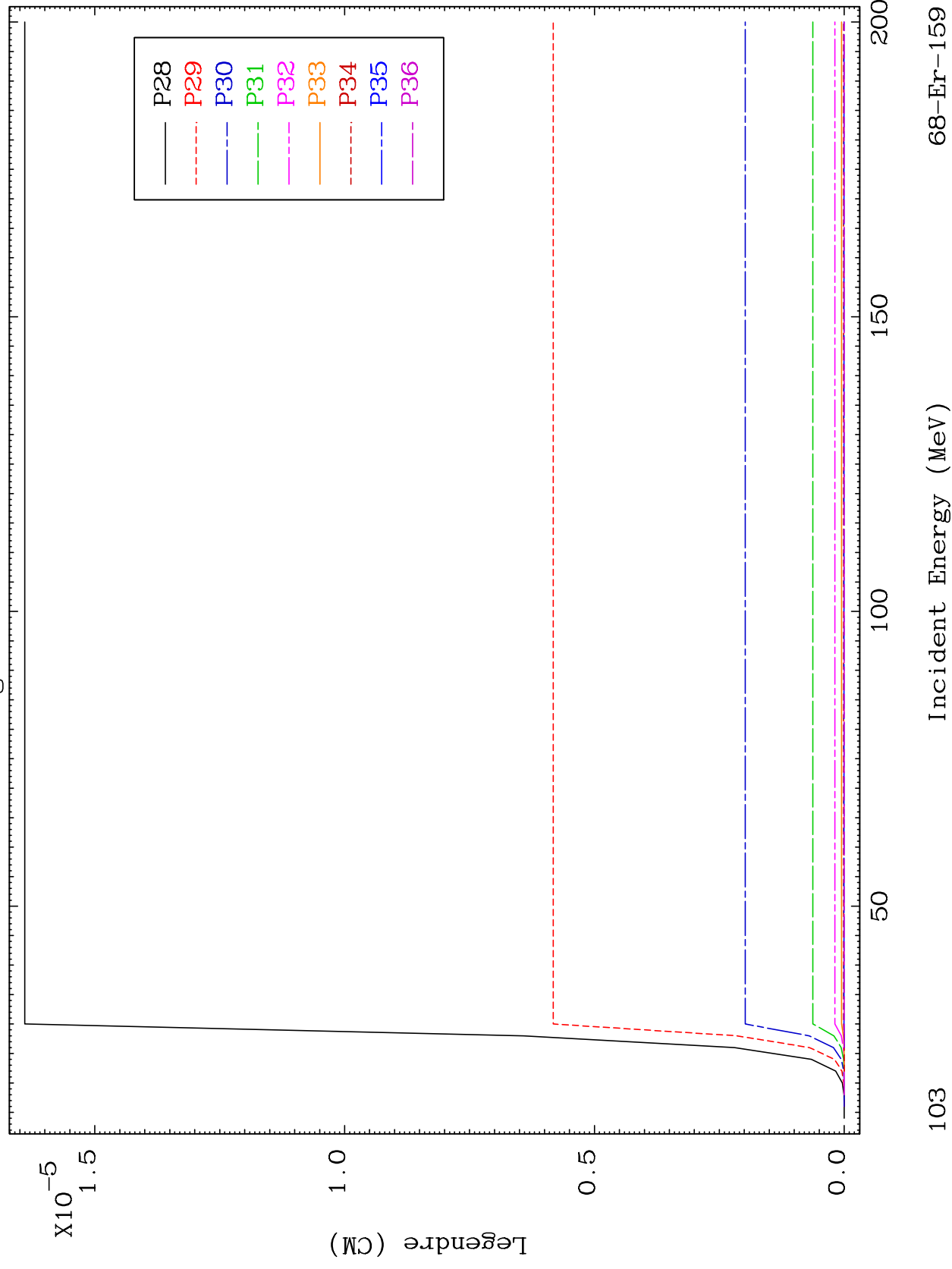
Incident Energy (MeV)

68-Er-159

MAT 6816

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

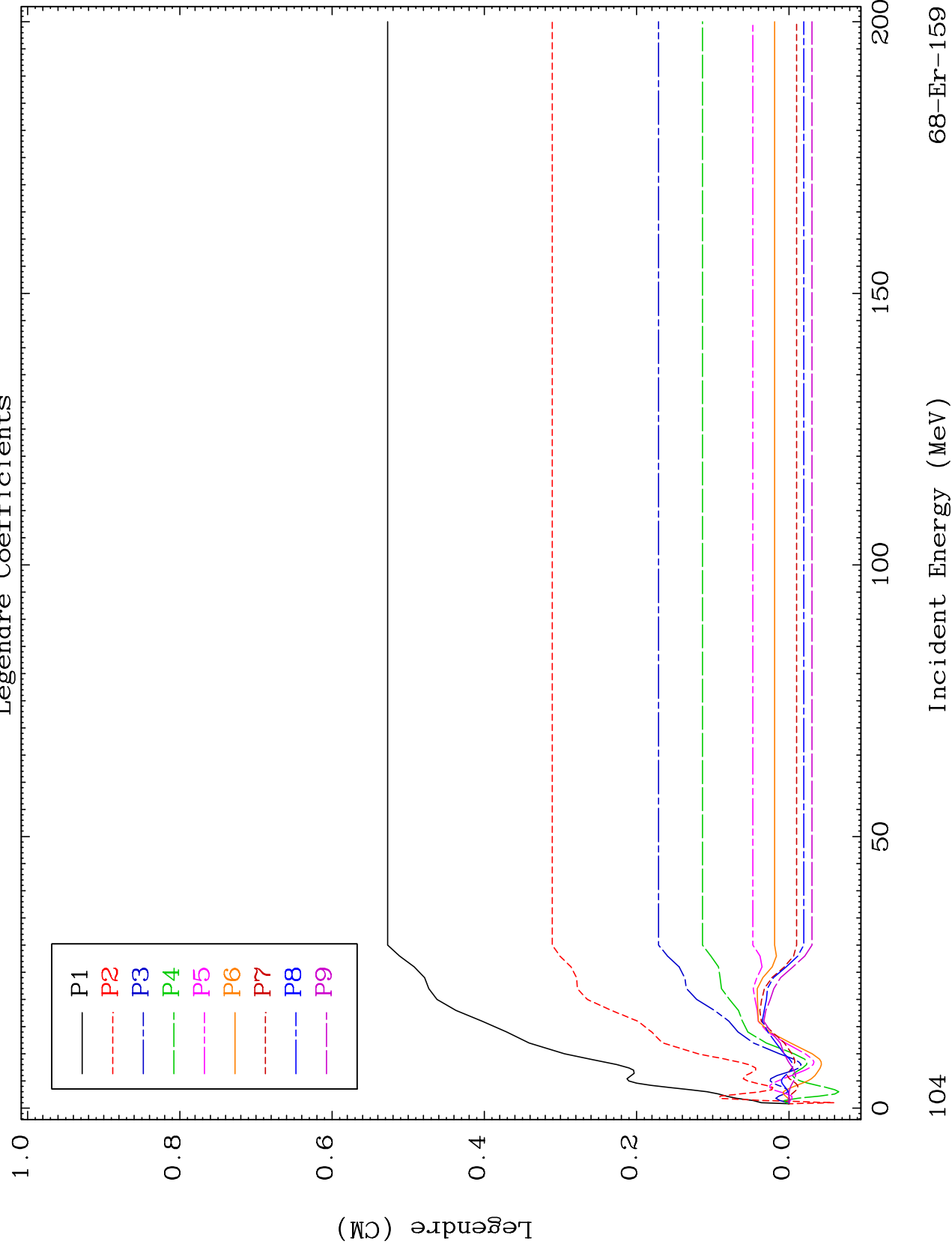
68-Er-159



MAT 6816

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

68-Er-159

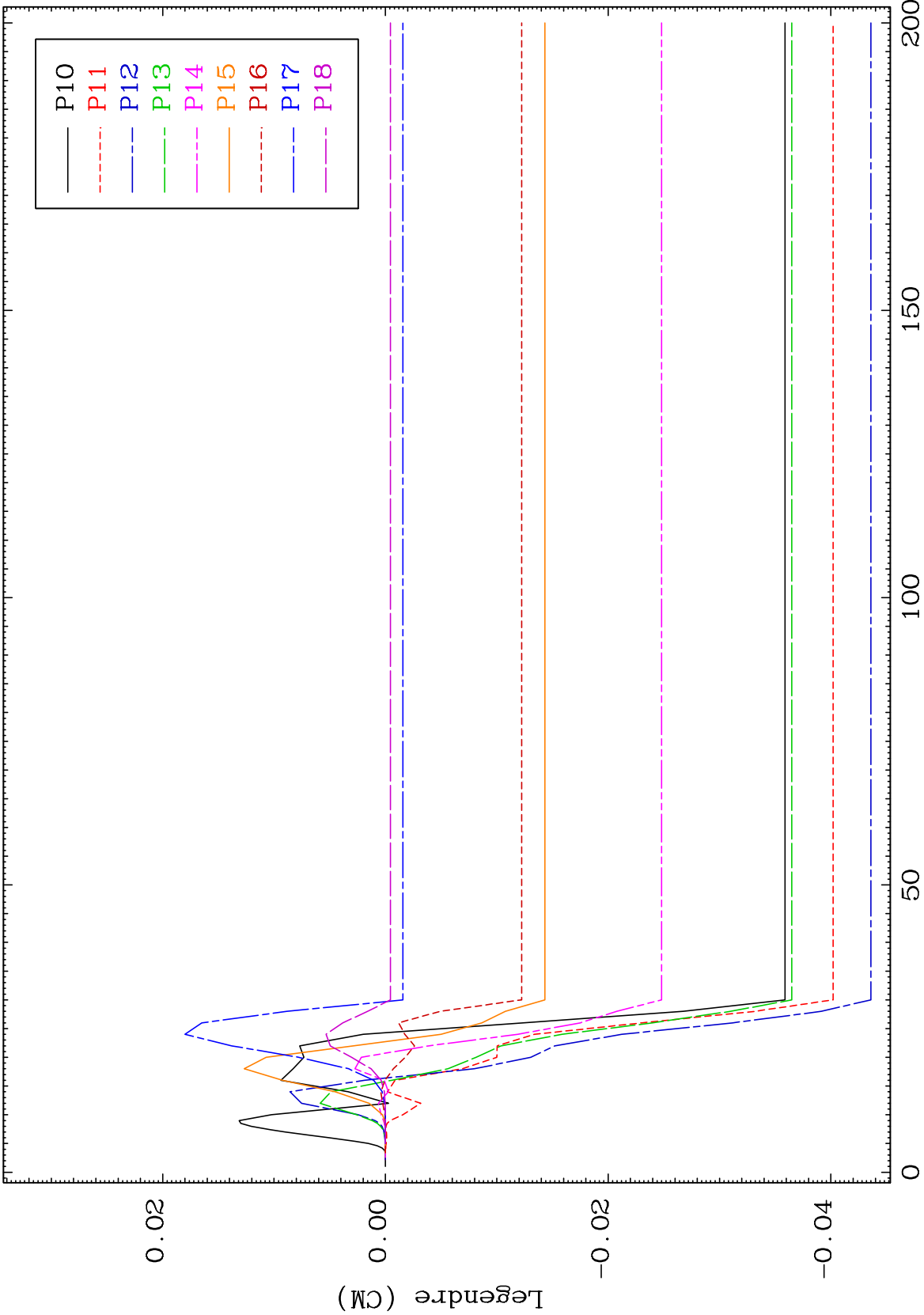


104

MAT 6816

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

68-Er-159



105

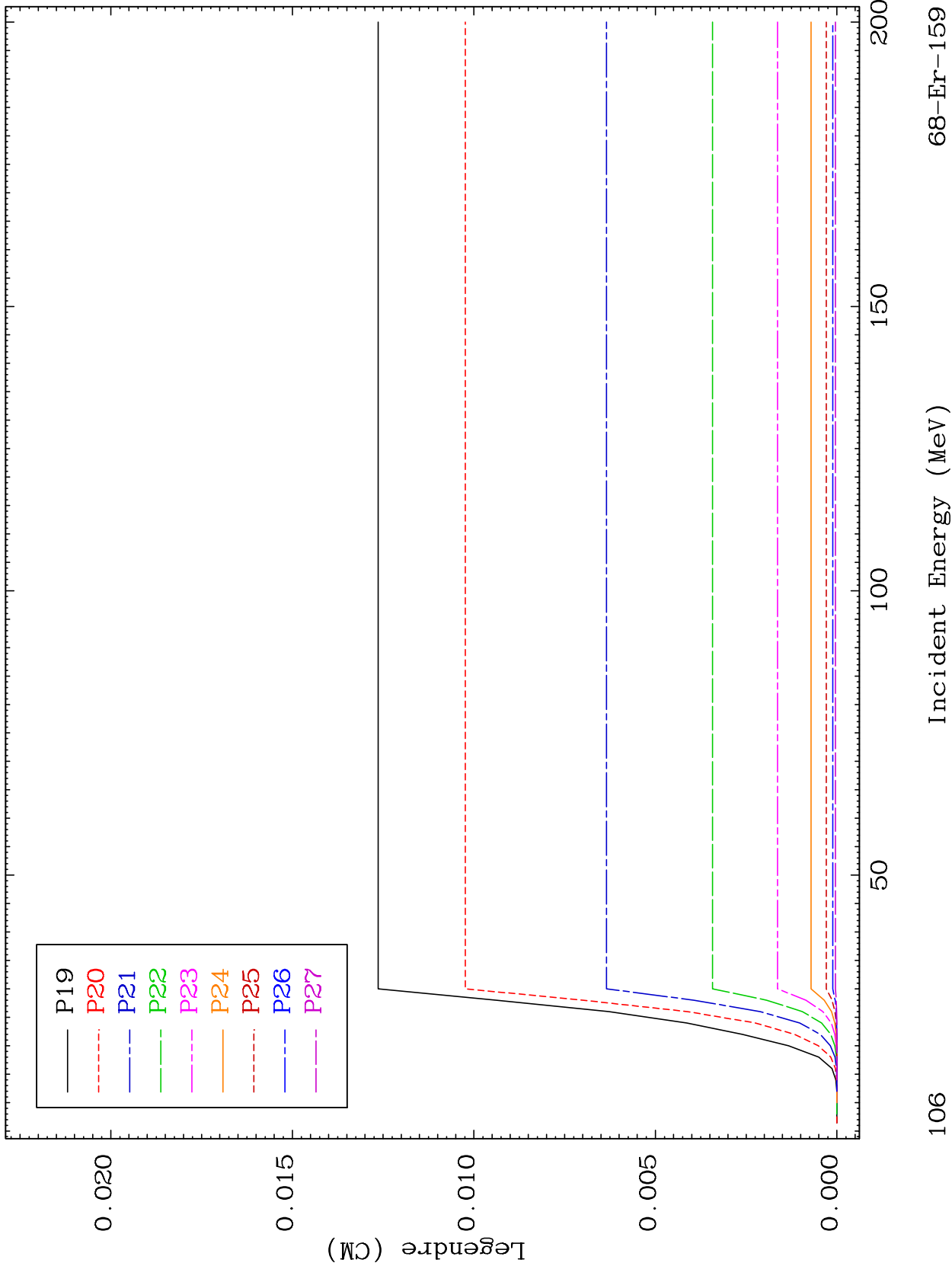
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



106

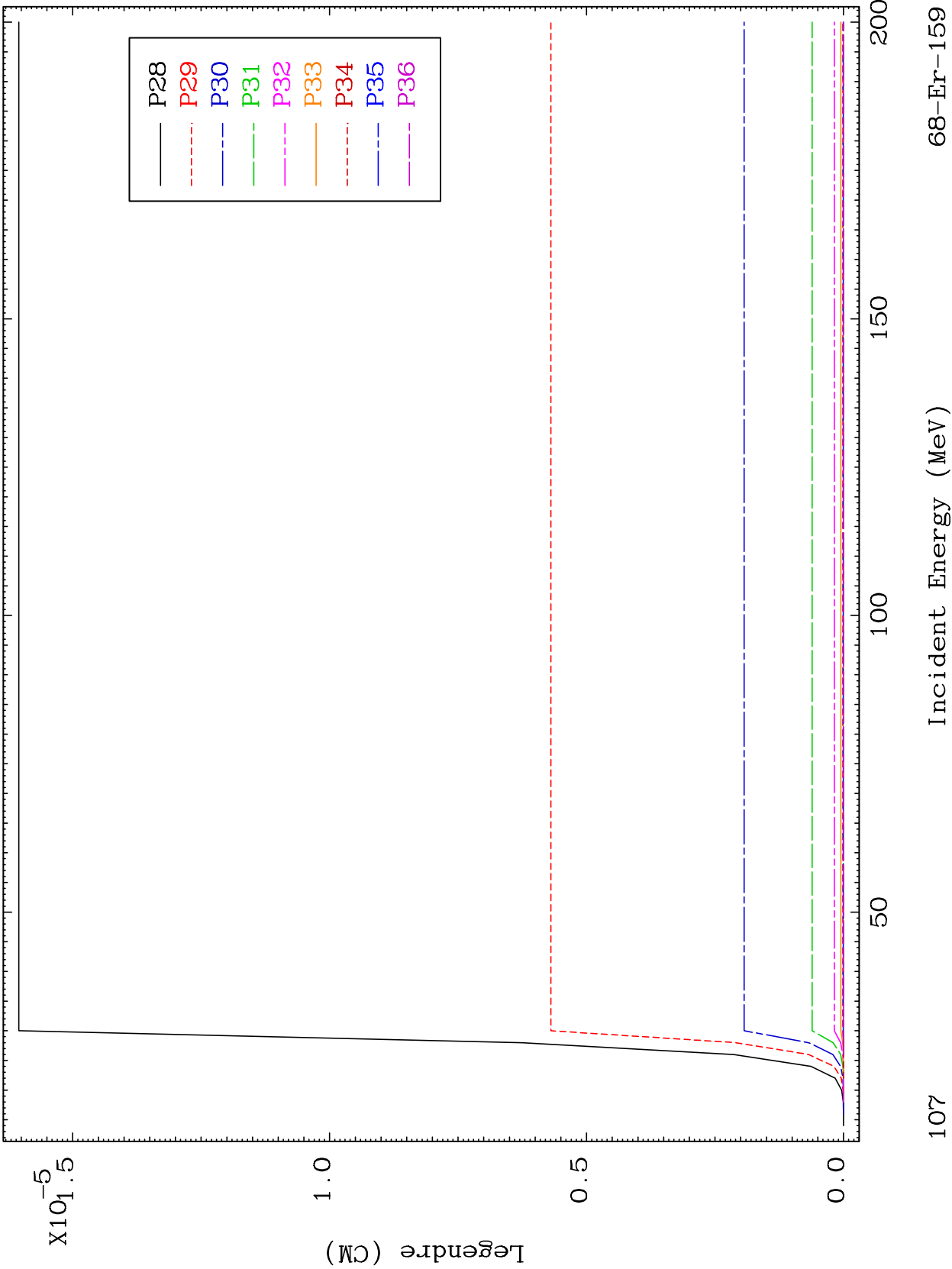
Incident Energy (MeV)

68-Er-159

MAT 6816

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

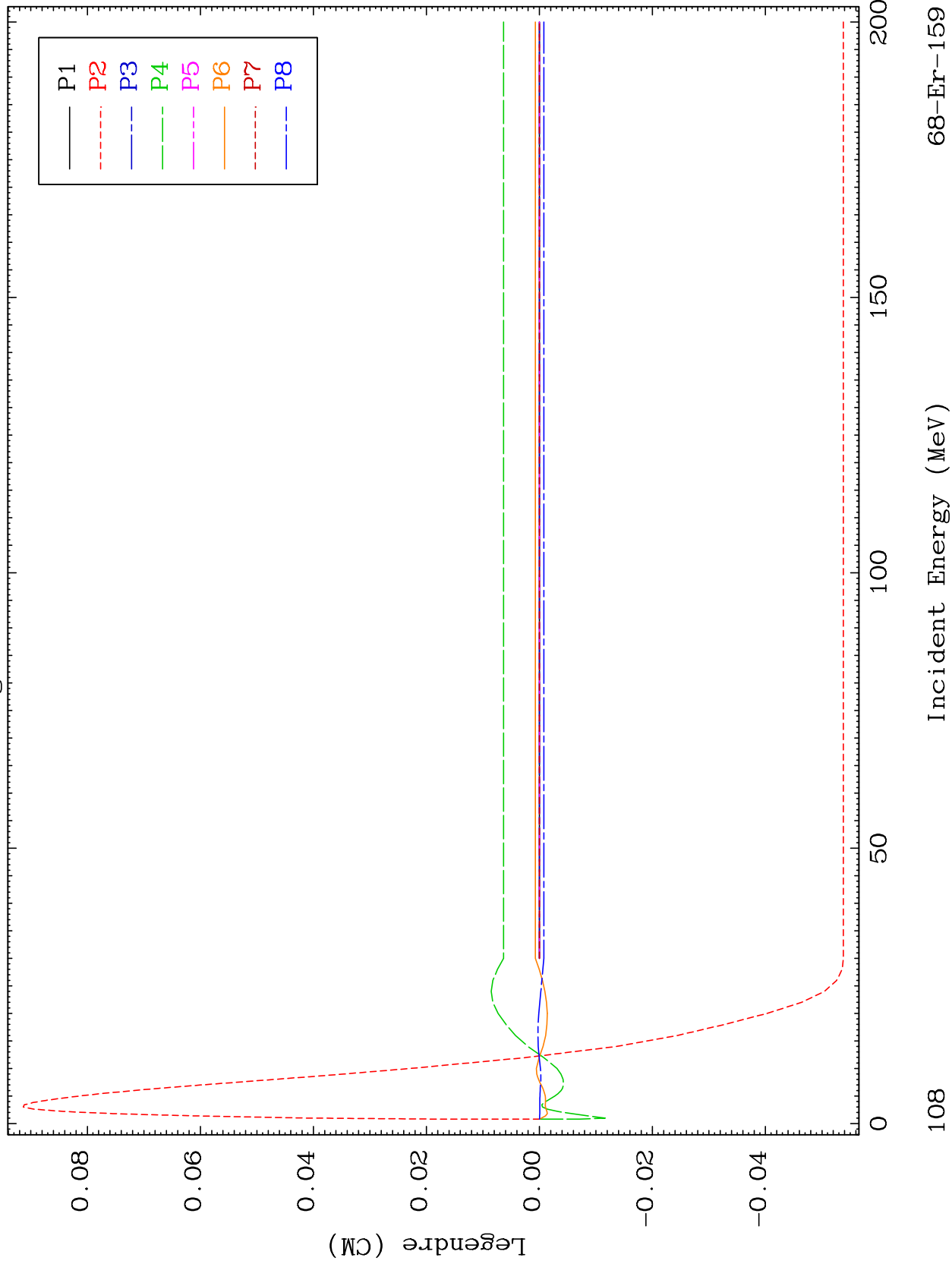
68-Er-159



MAT 6816

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

68-Er-159



68-Er-159

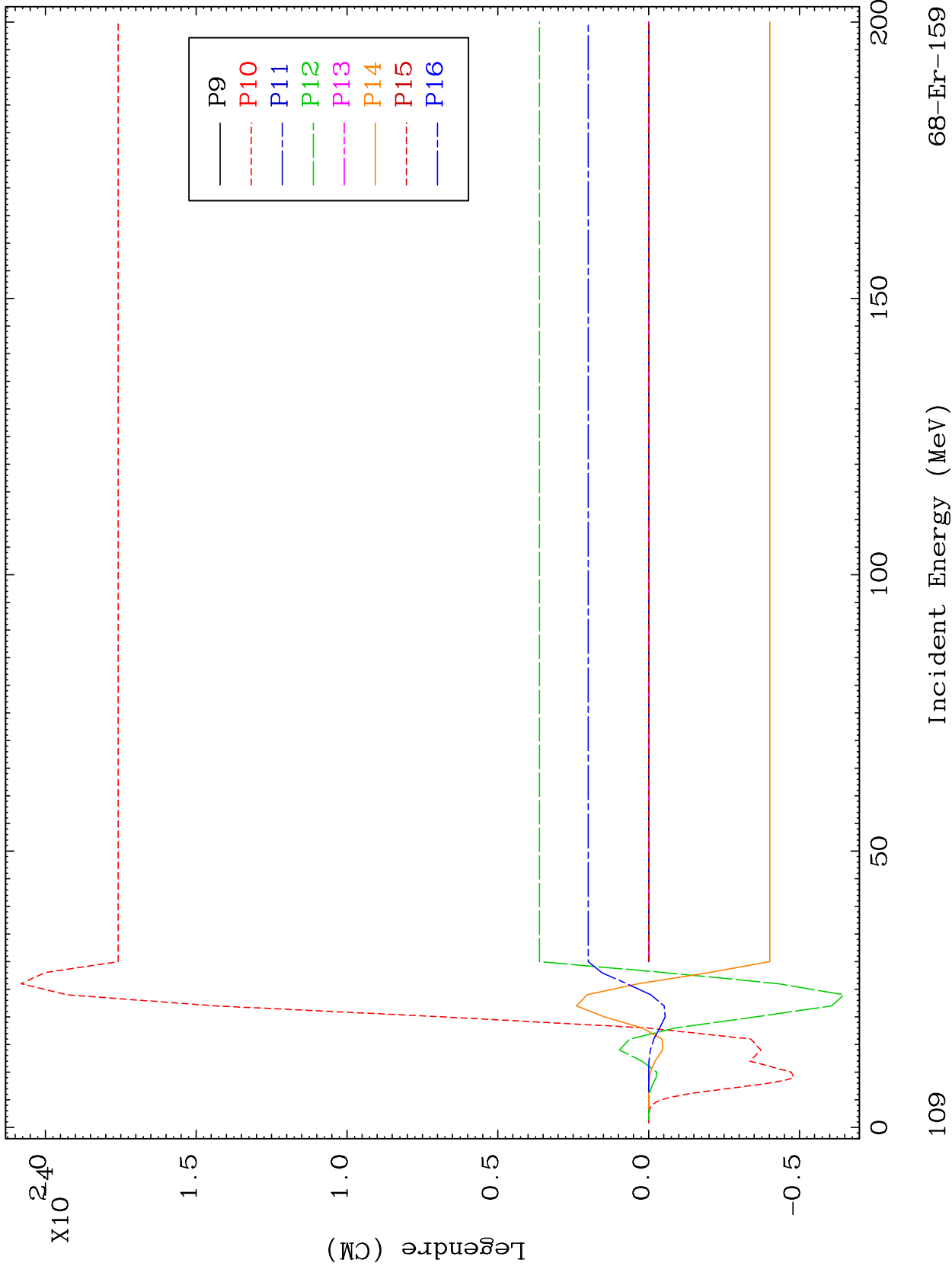
Incident Energy (MeV)

108

MAT 6816

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

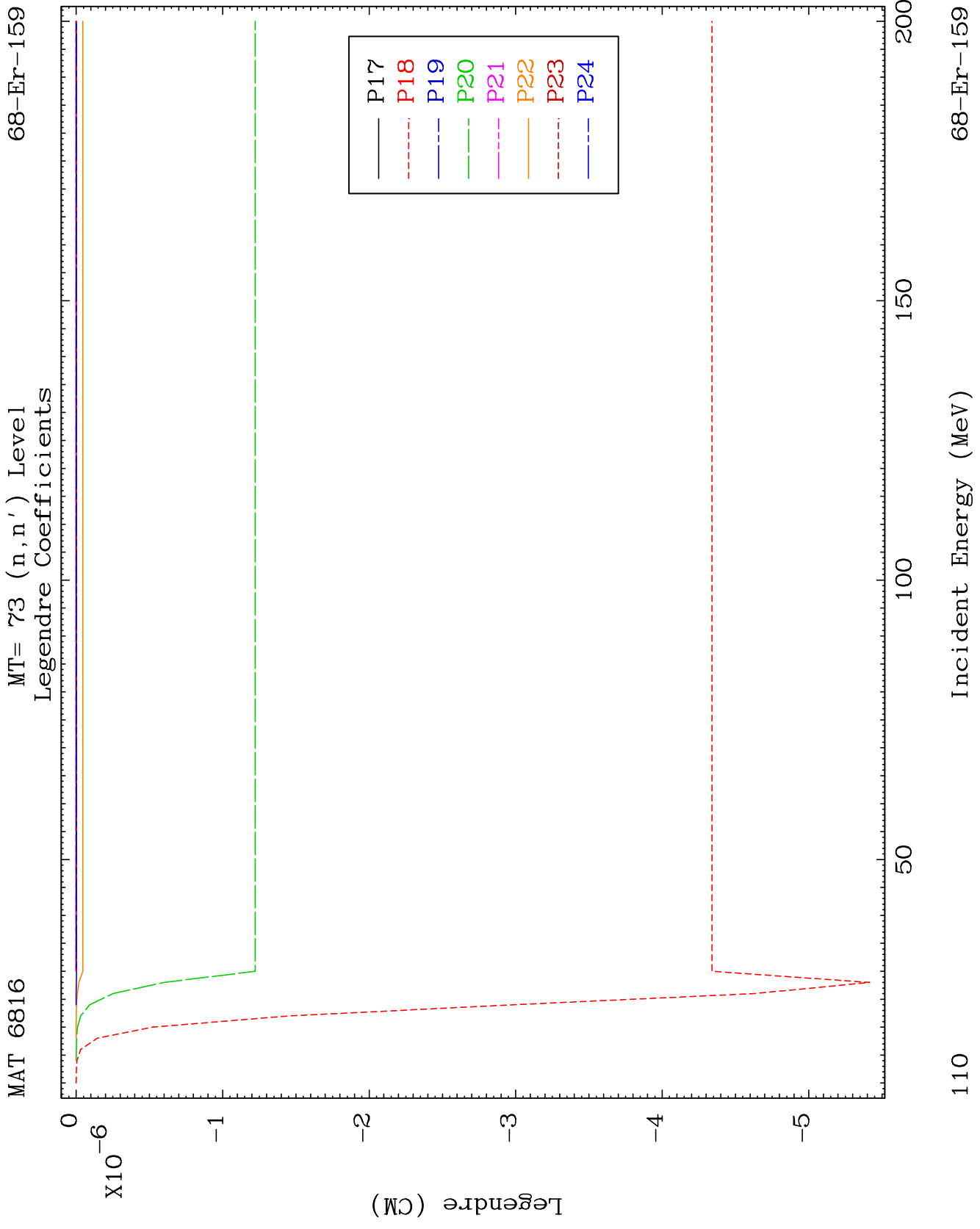
68-Er-159



109

Incident Energy (MeV)

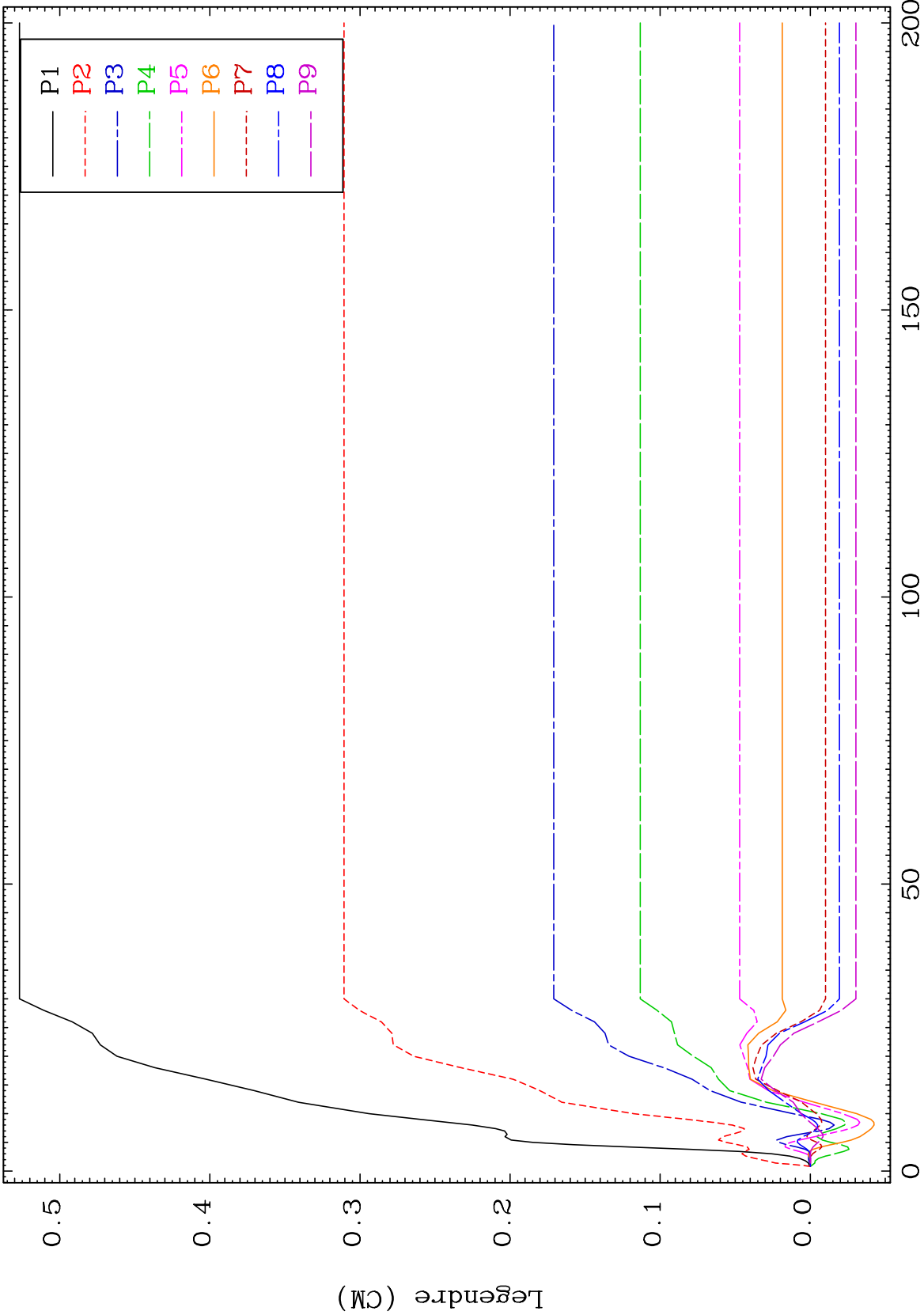
68-Er-159



MAT 6816

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

68-Er-159



68-Er-159

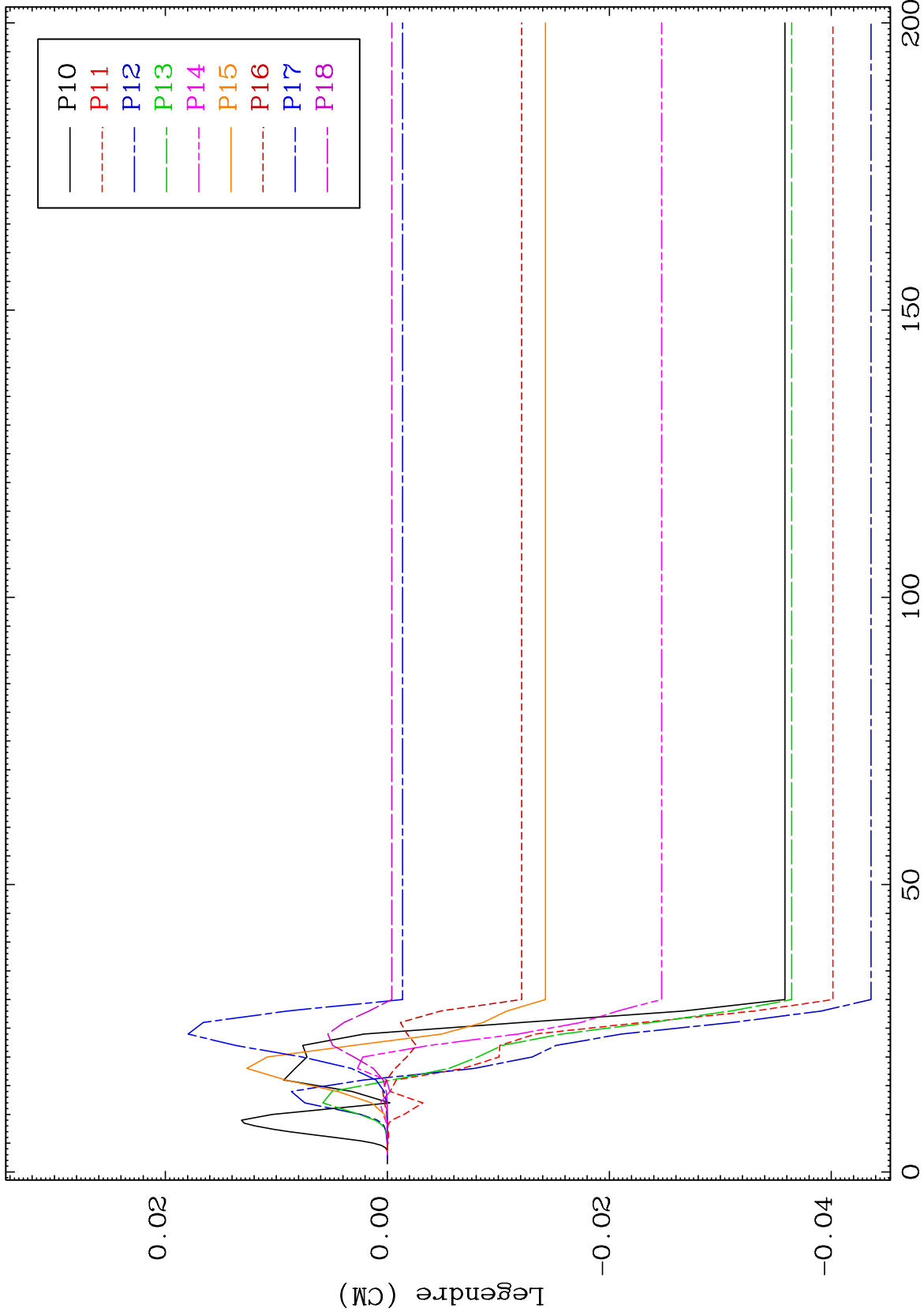
Incident Energy (MeV)

111

MAT 6816

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

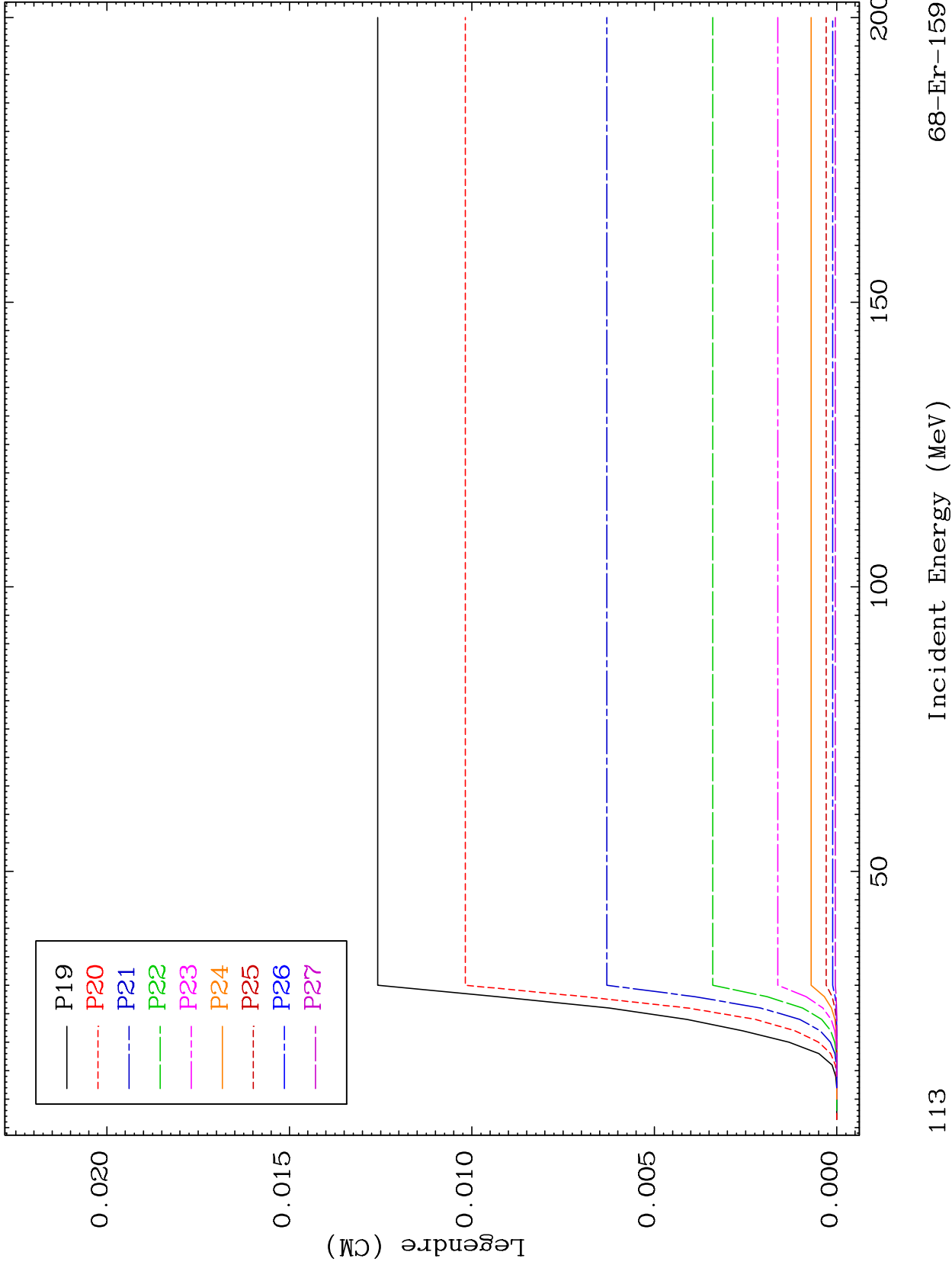
68-Er-159



112

Incident Energy (MeV)

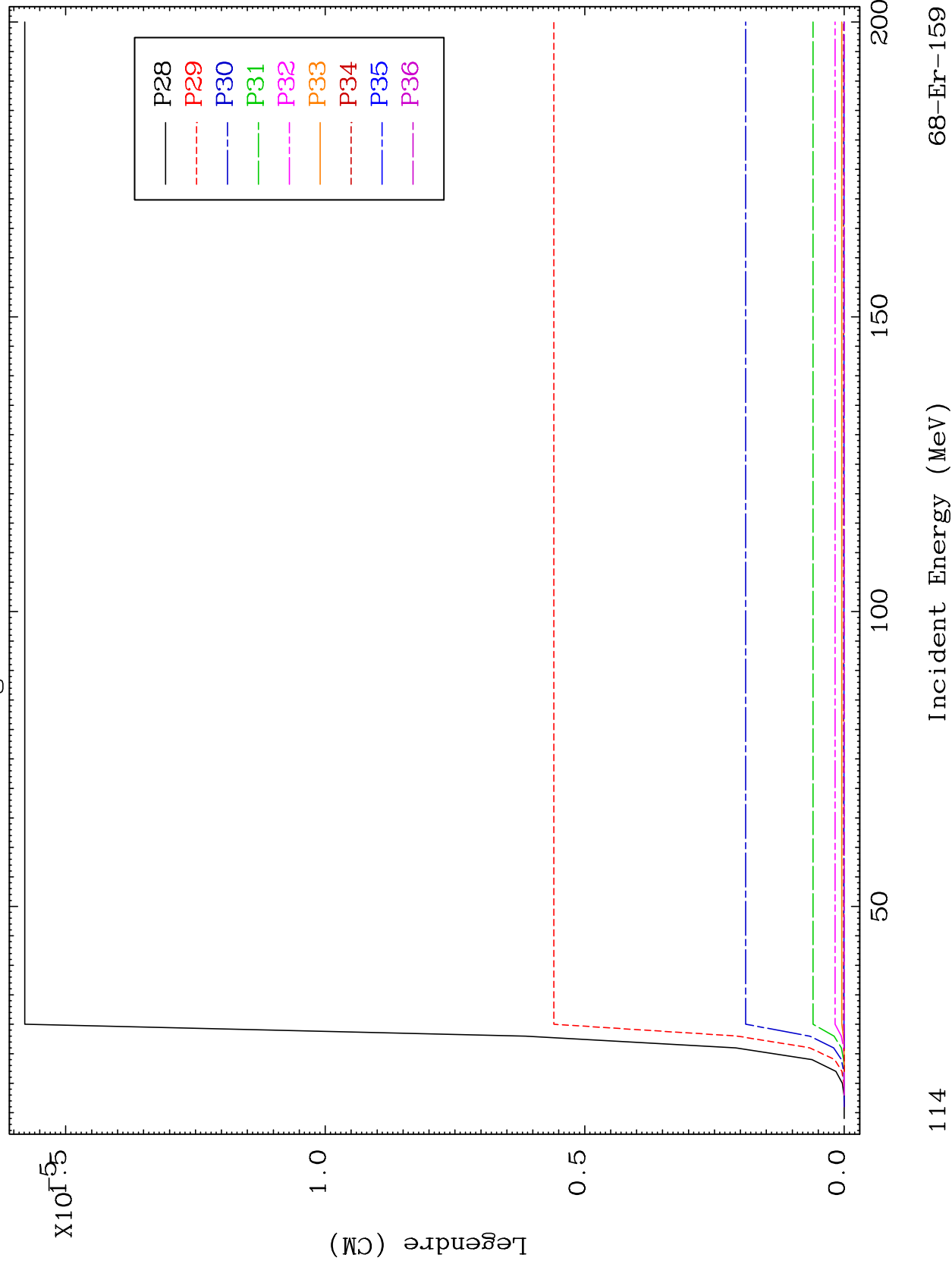
68-Er-159



MAT 6816

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

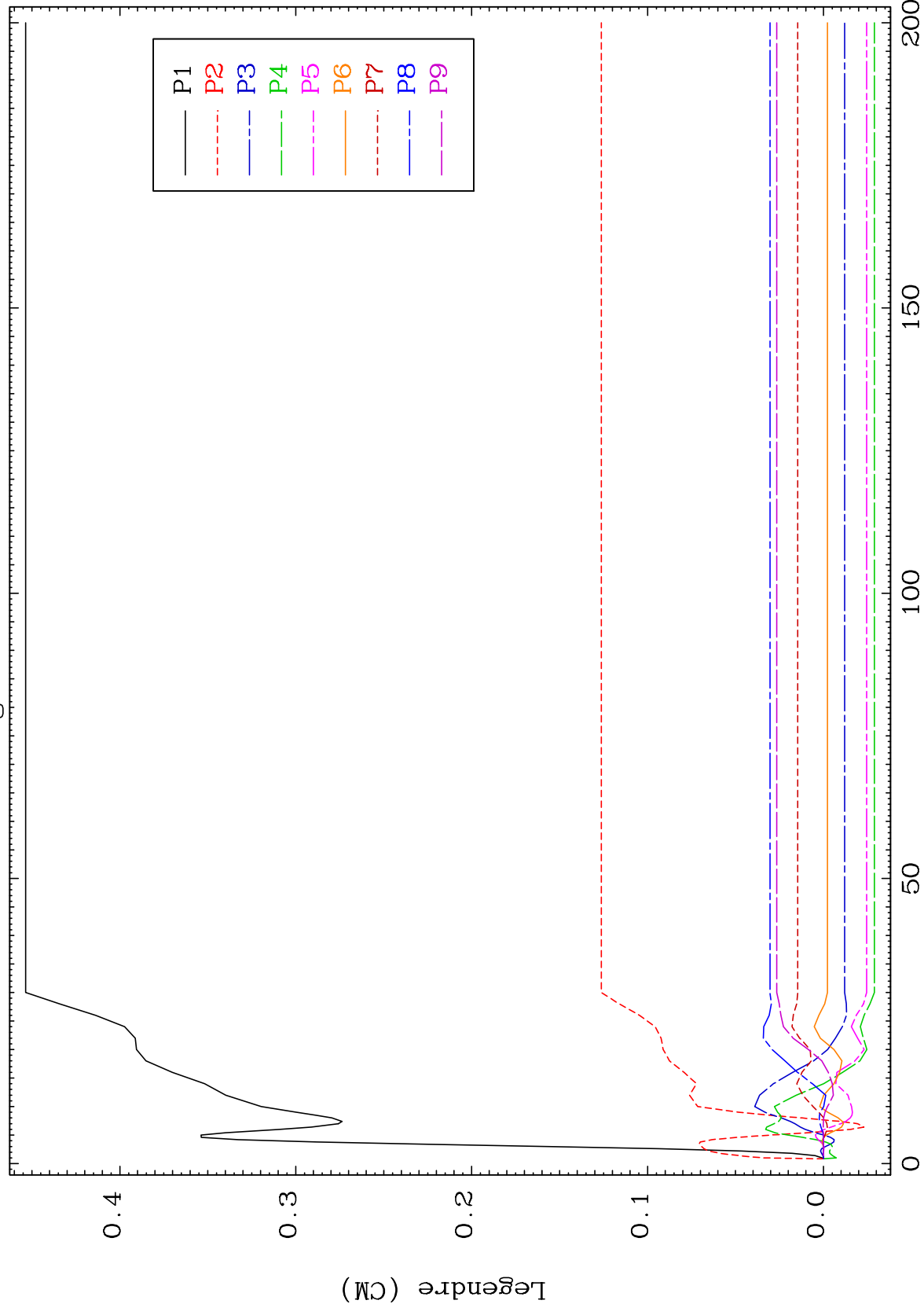
68-Er-159



MAT 6816

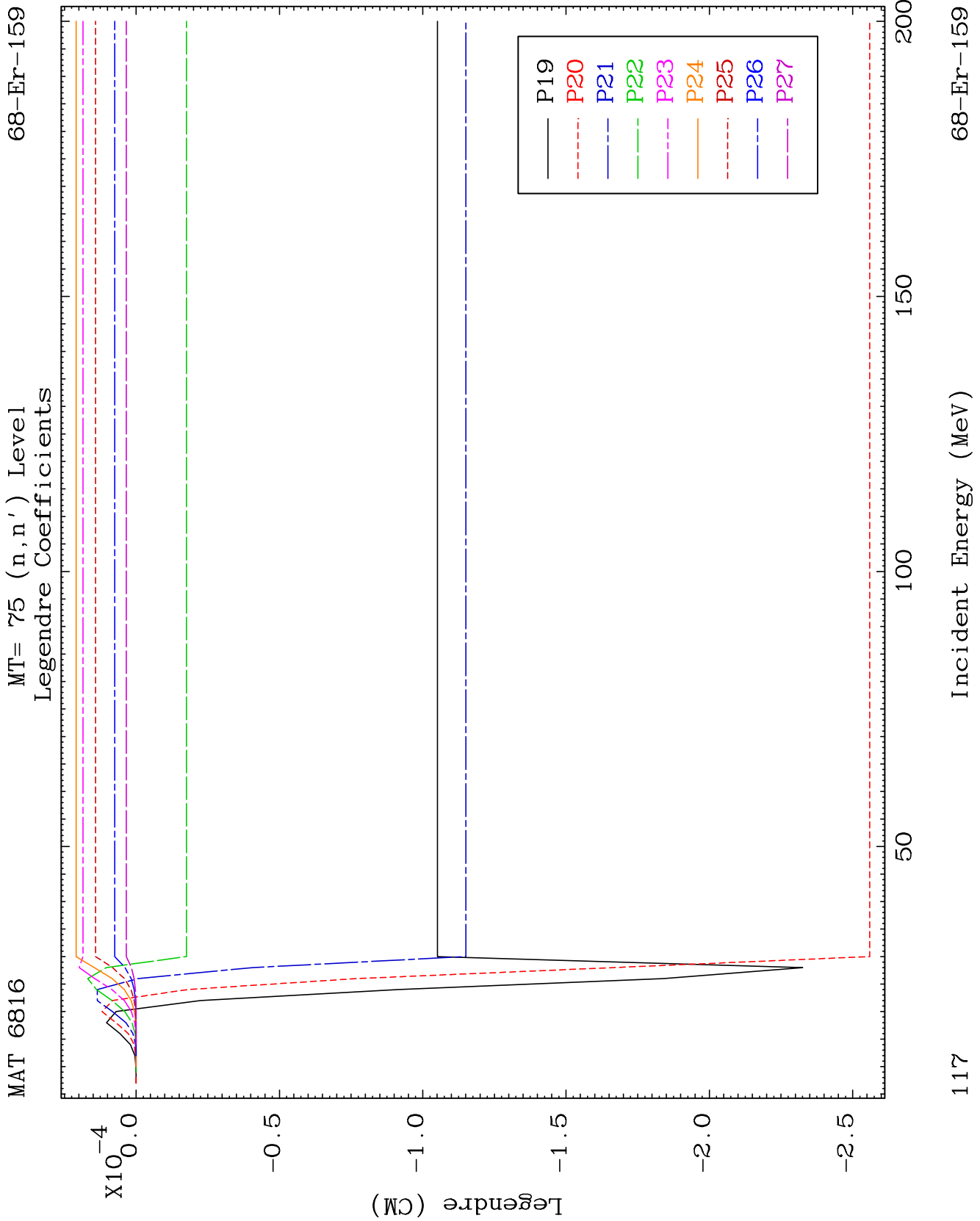
MT= 75 (n,n') Level
Legendre Coefficients

68-Er-159



115

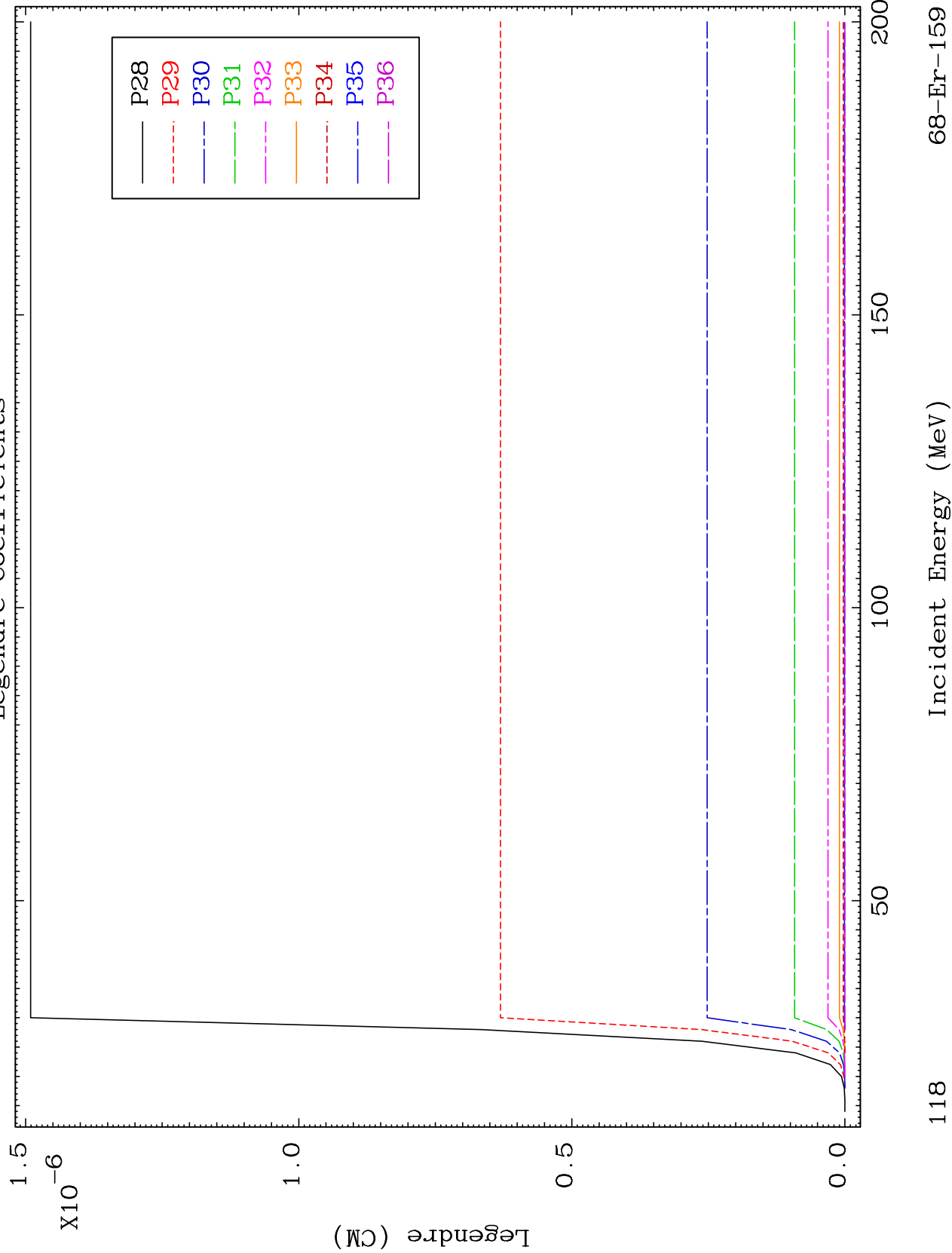
68-Er-159



MAT 6816

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

68-Er-159



118

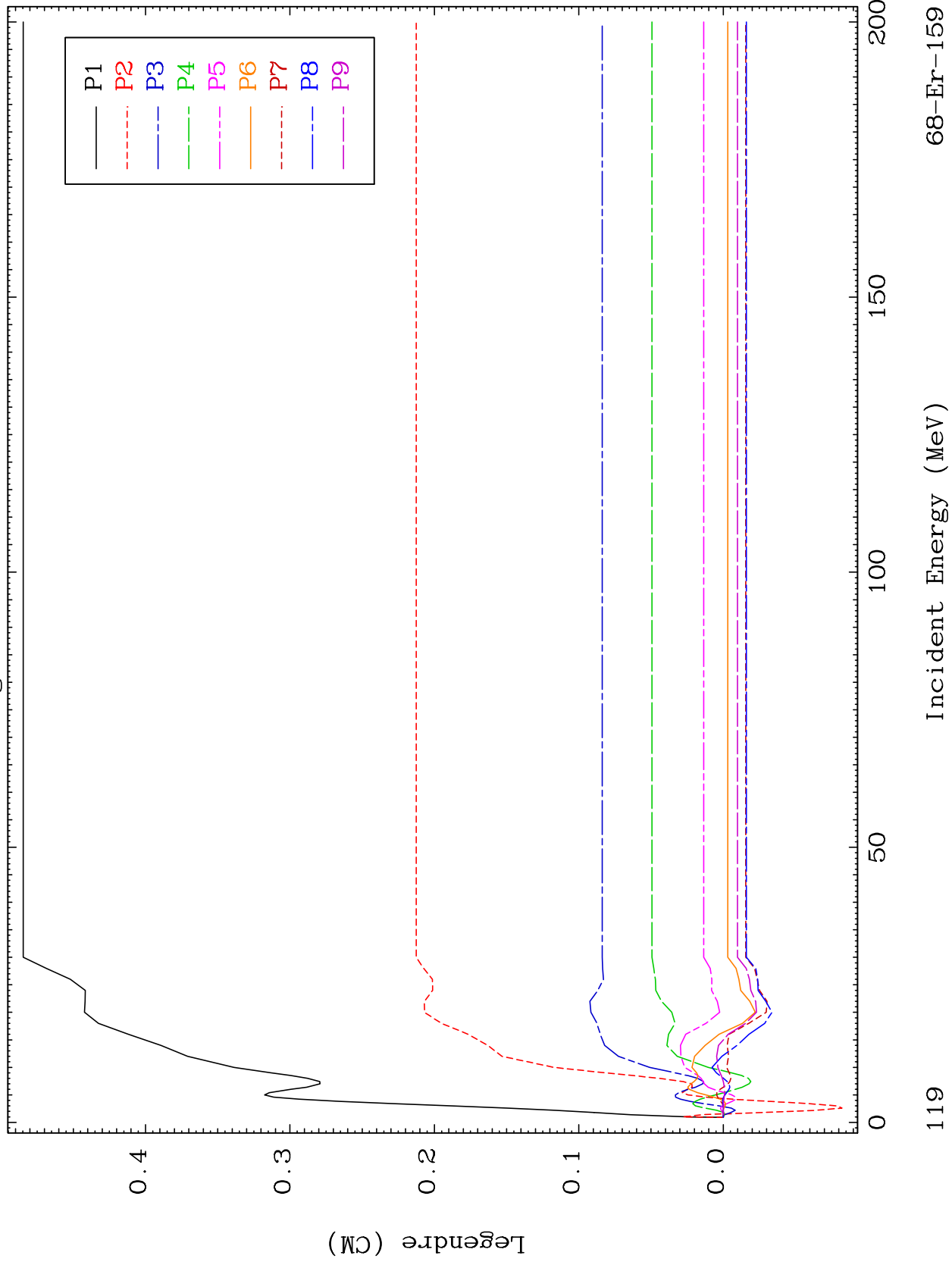
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



68-Er-159

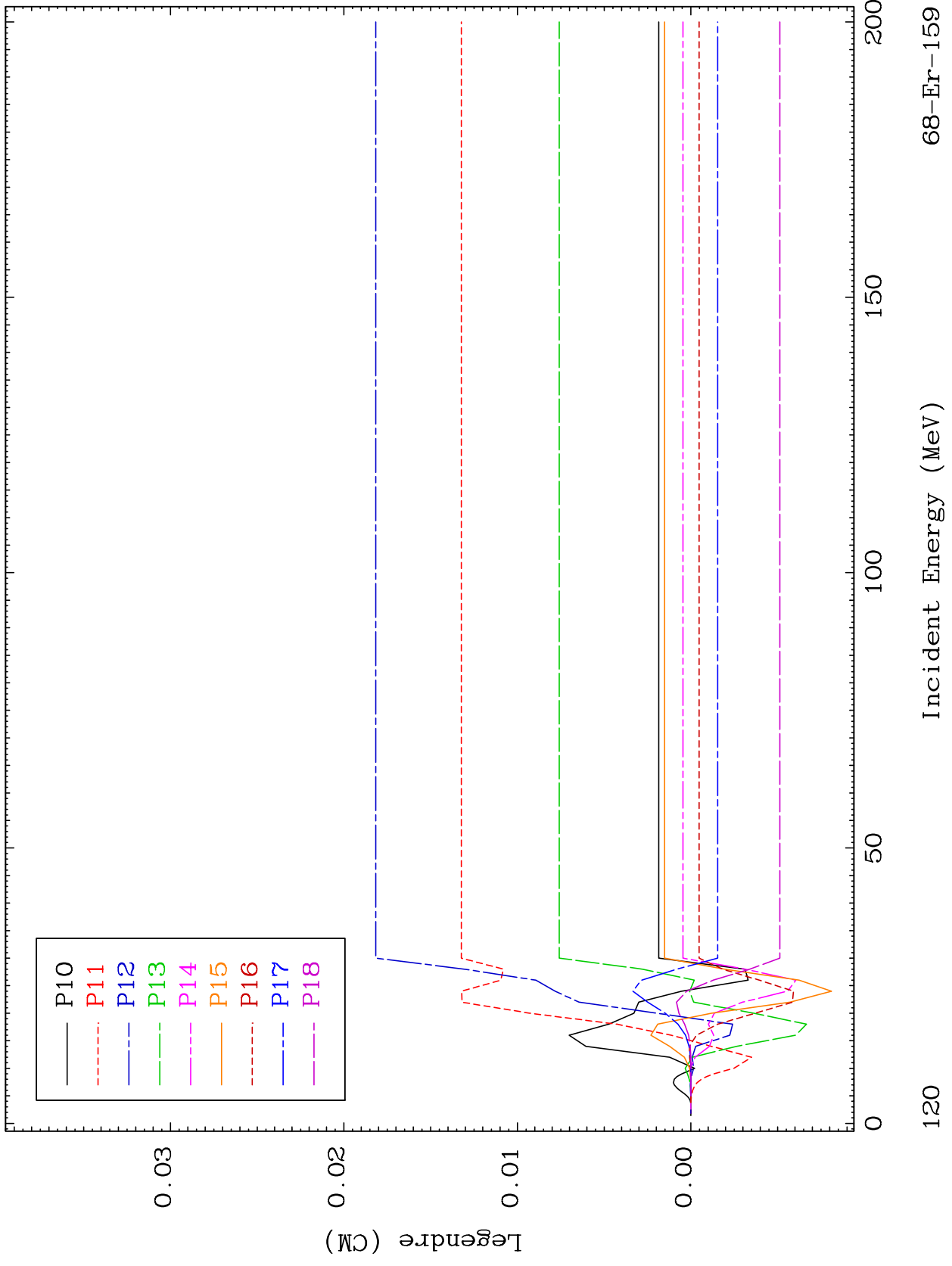
Incident Energy (MeV)

119

MAT 6816

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

68-Er-159

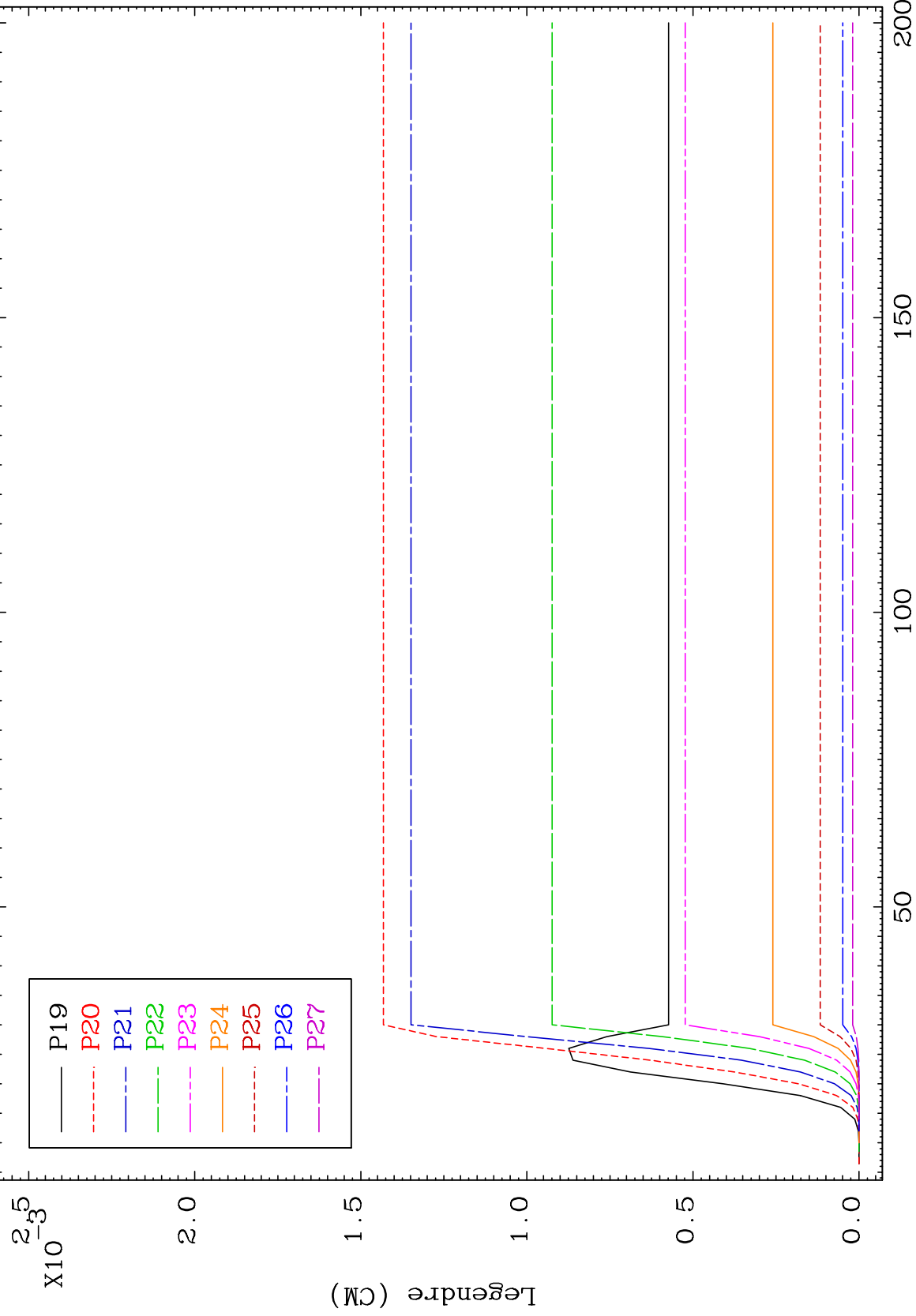


68-Er-159

MAT 6816

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

68-Er-159



121

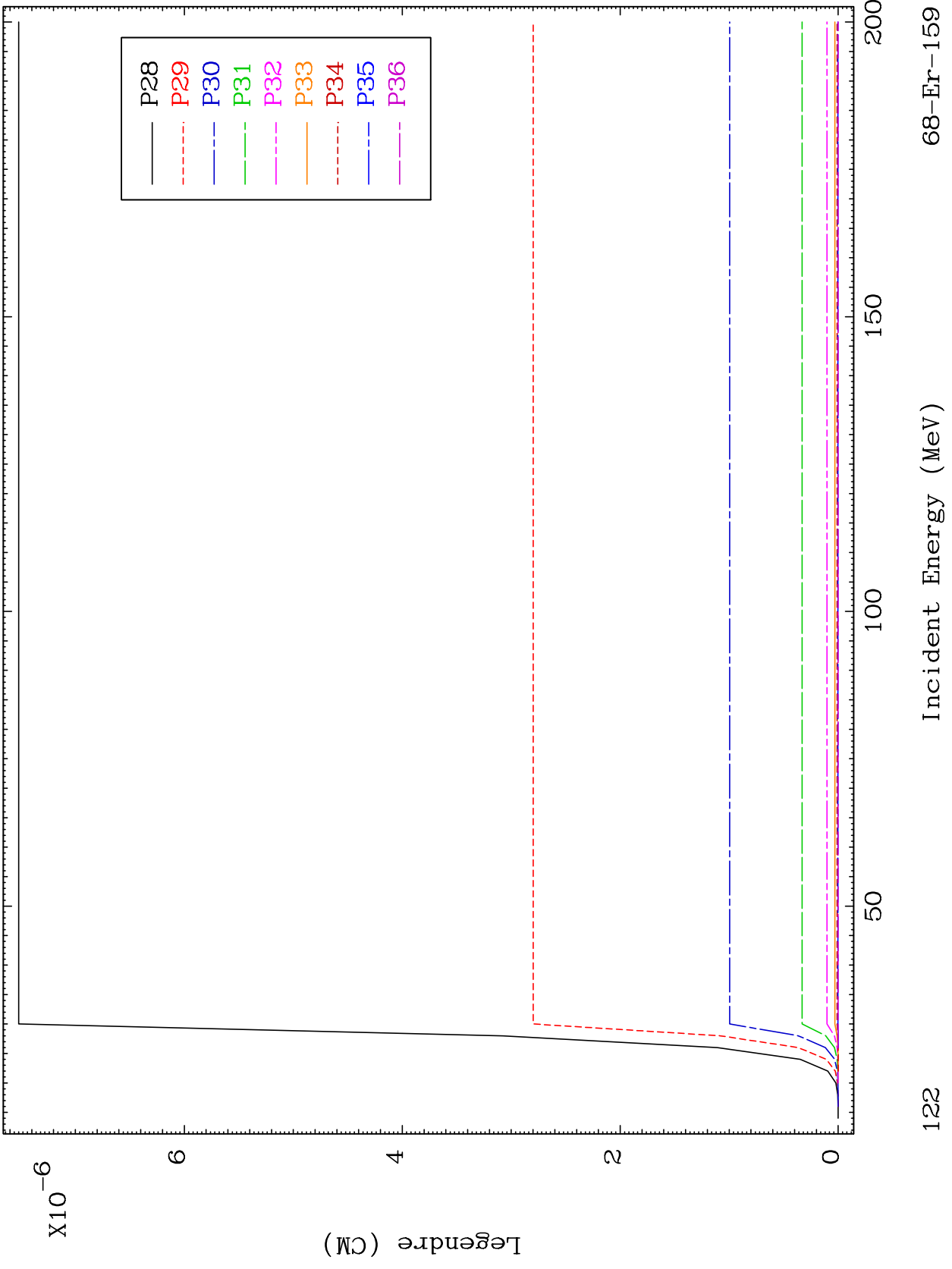
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



122

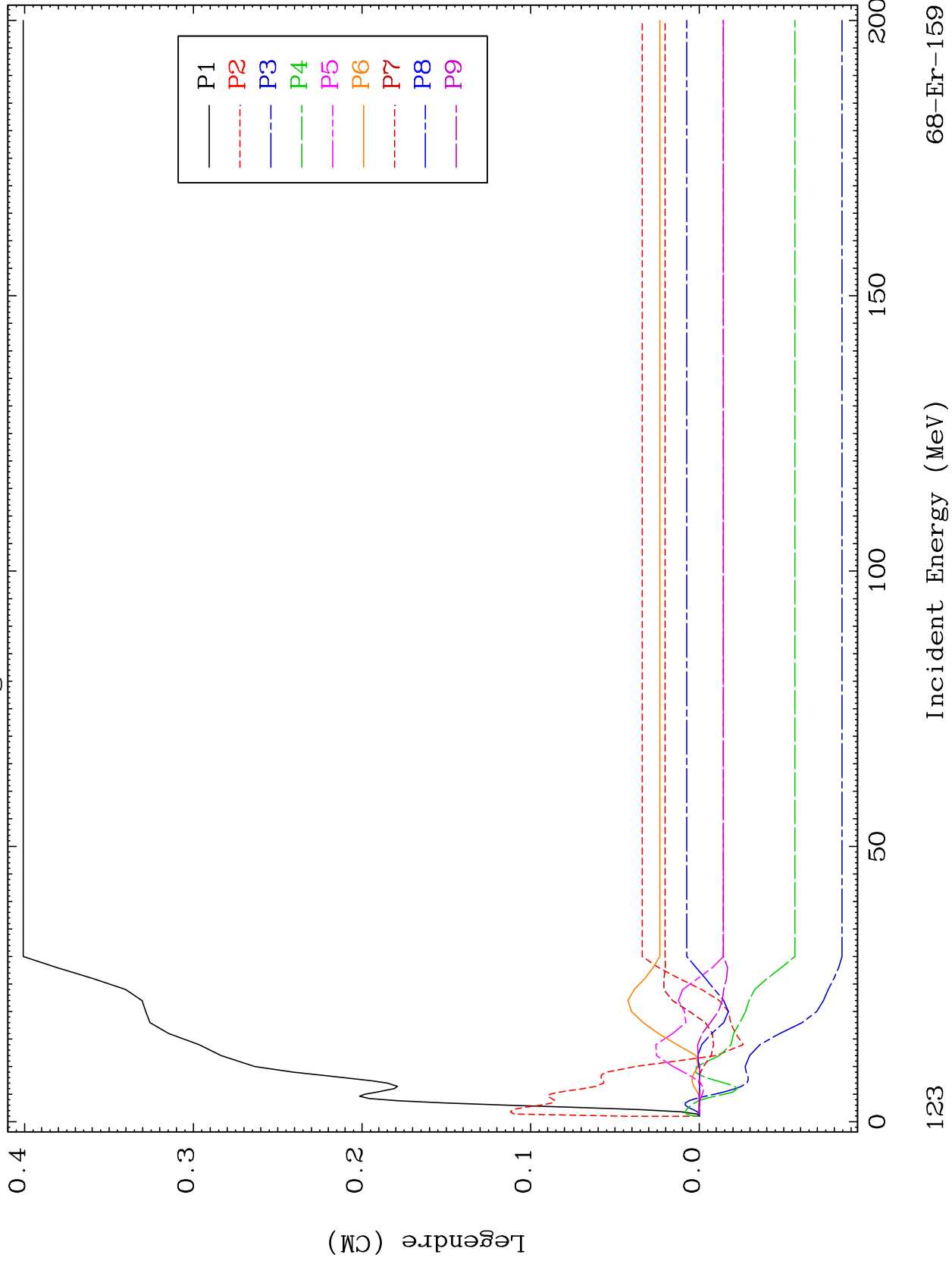
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



68-Er-159

Incident Energy (MeV)

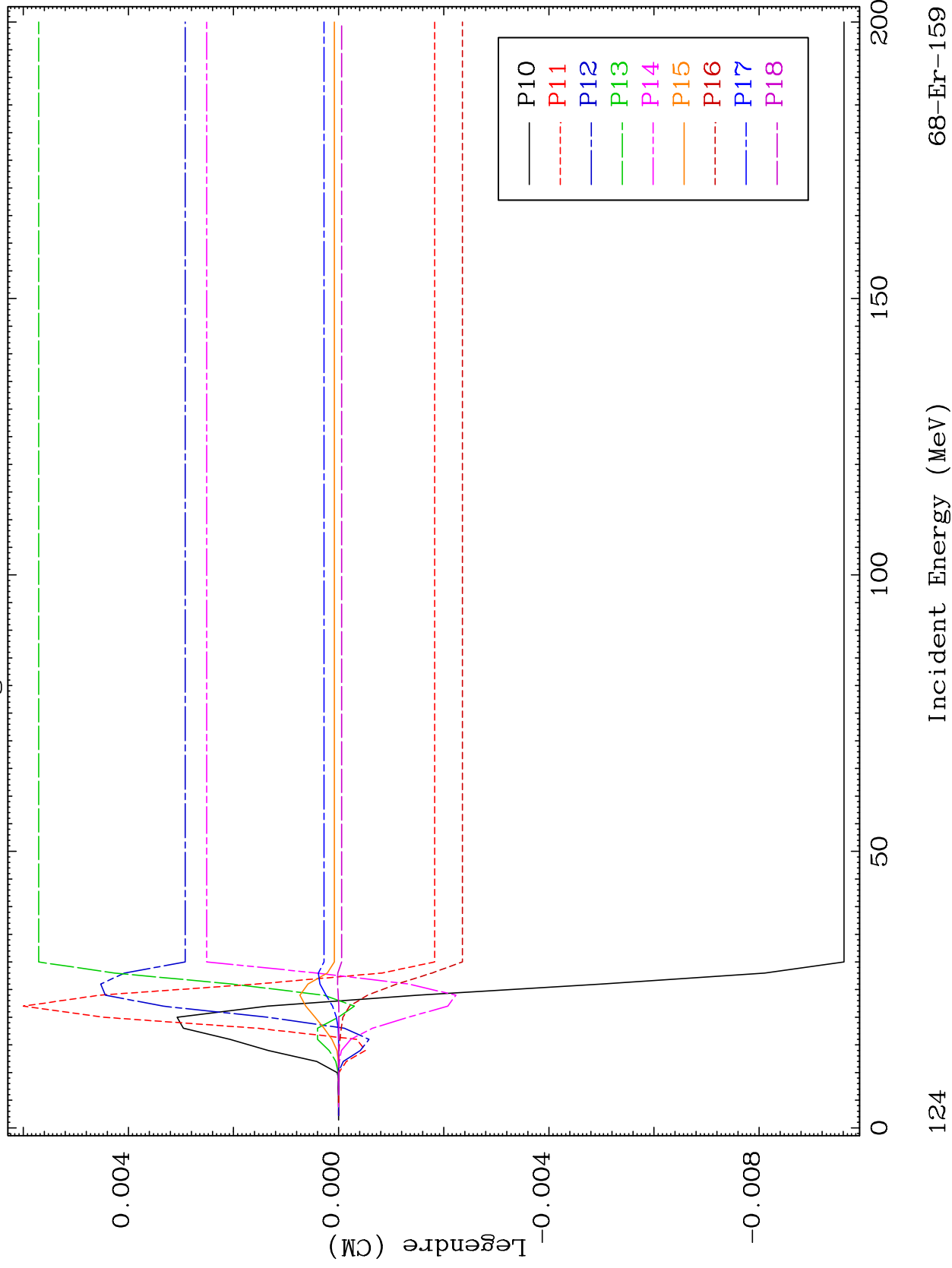
123

MAT 6816

MT= 77 (n,n') Level

68-Er-159

Legendre Coefficients



68-Er-159

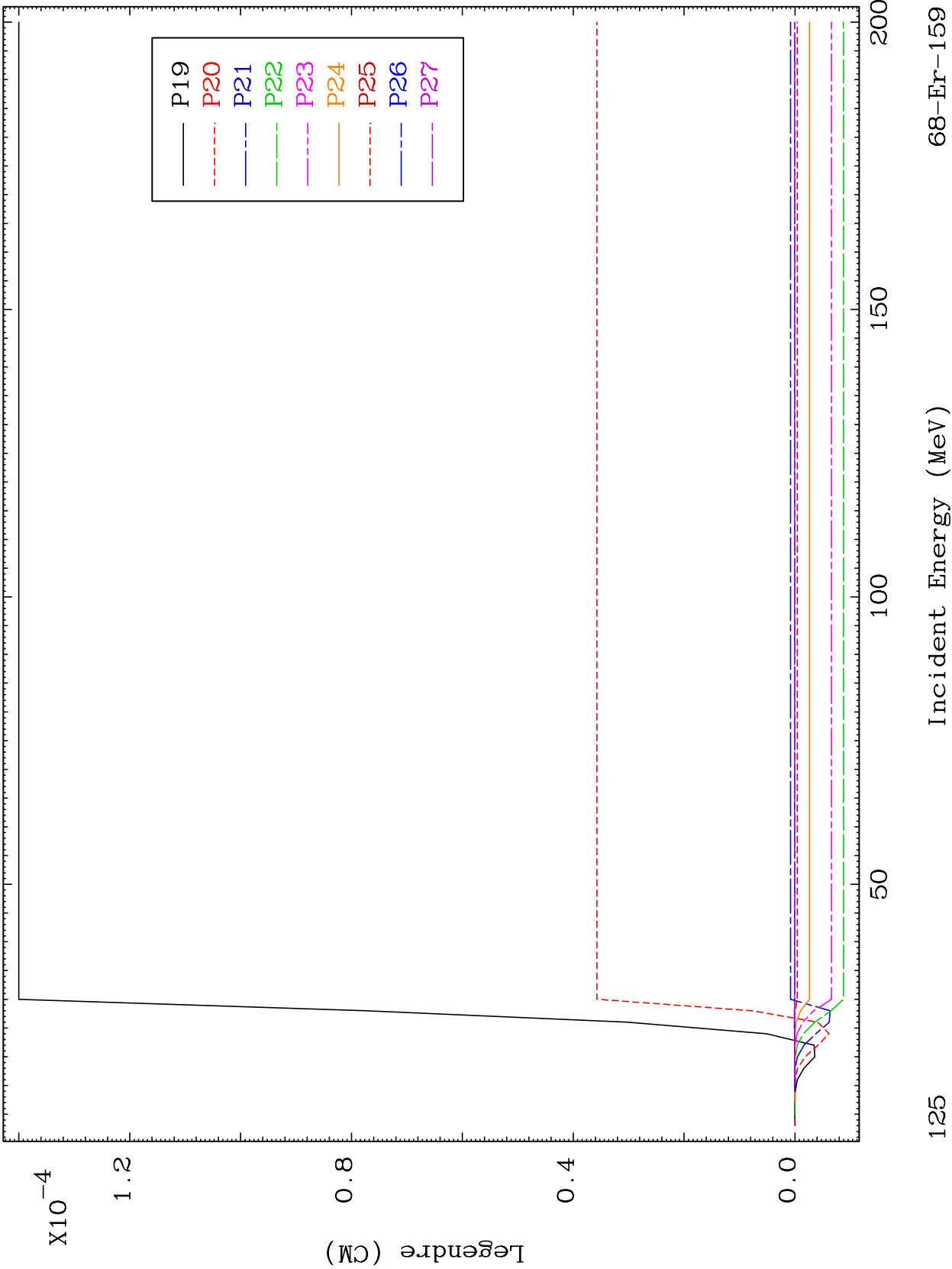
Incident Energy (MeV)

124

MAT 6816

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

68-Er-159



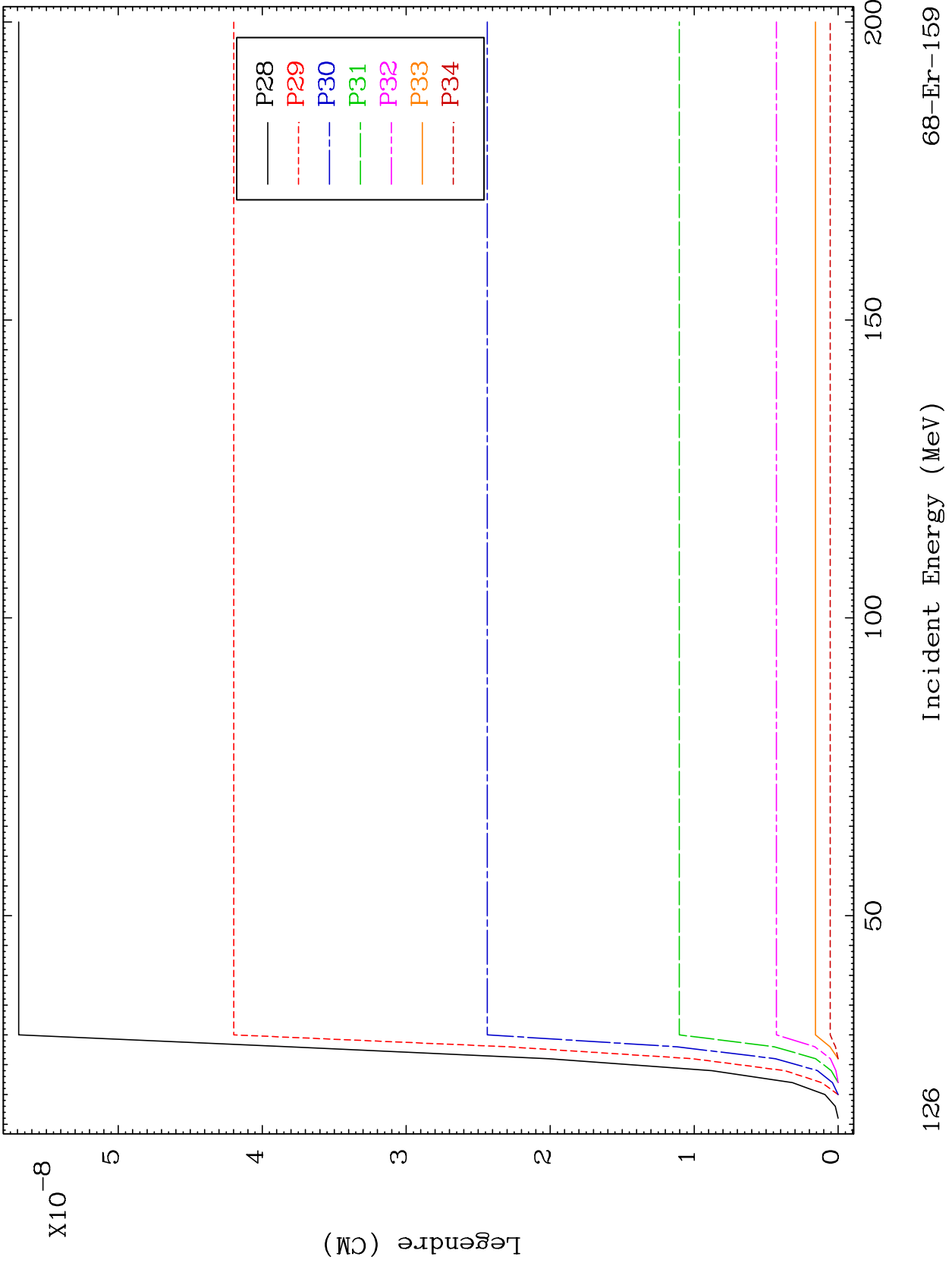
125

68-Er-159

MAT 6816

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

68-Er-159



126

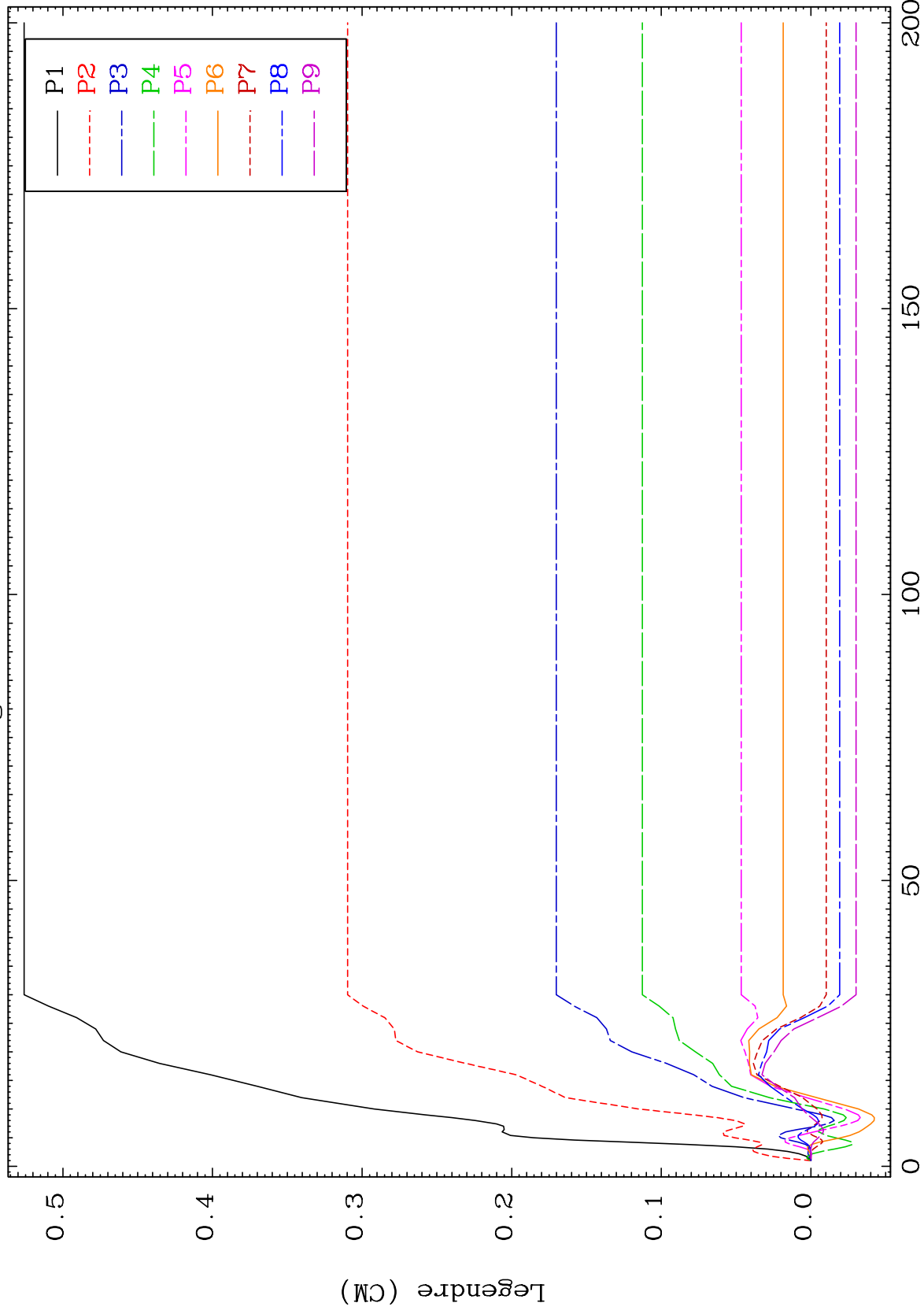
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



127

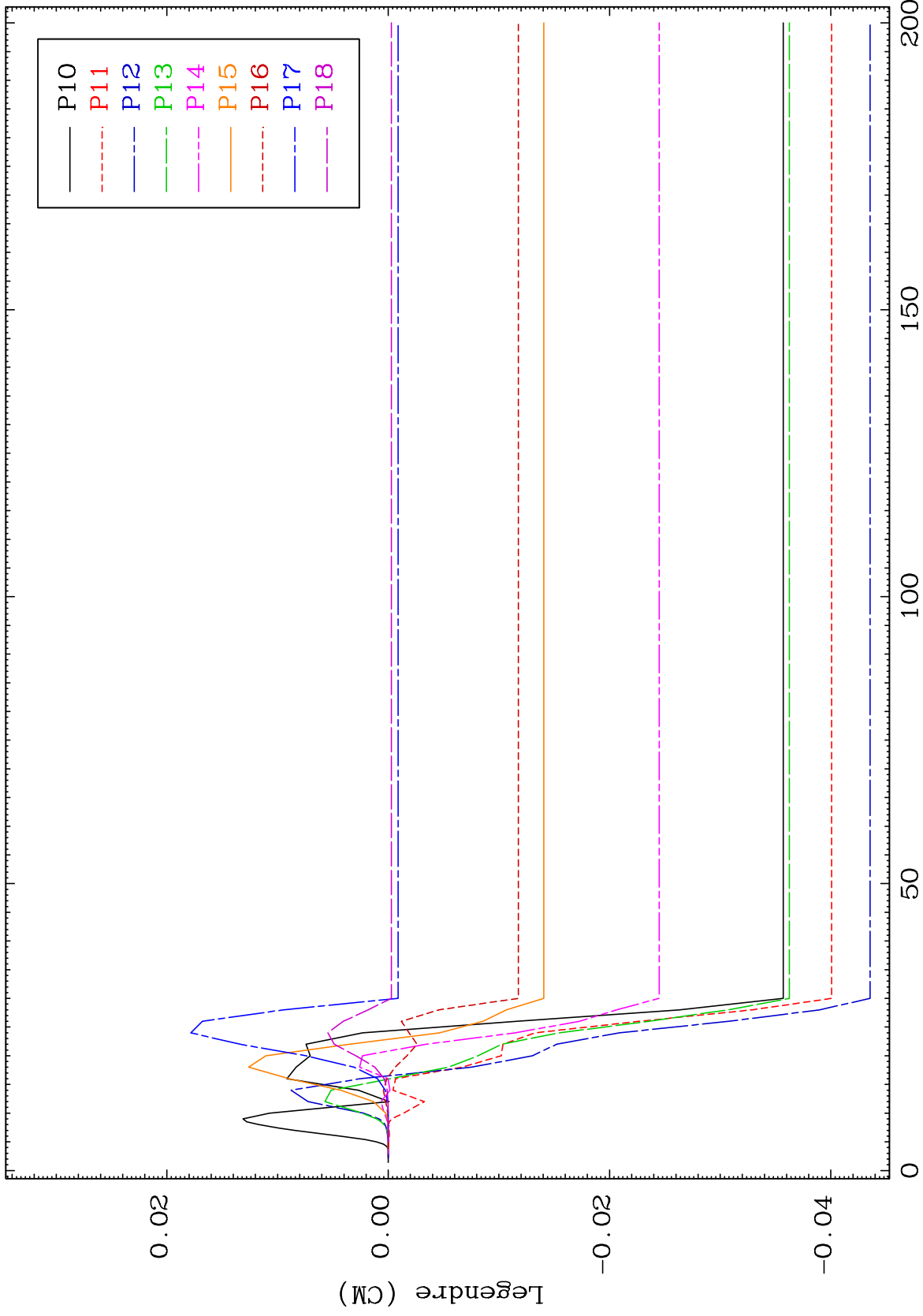
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



128

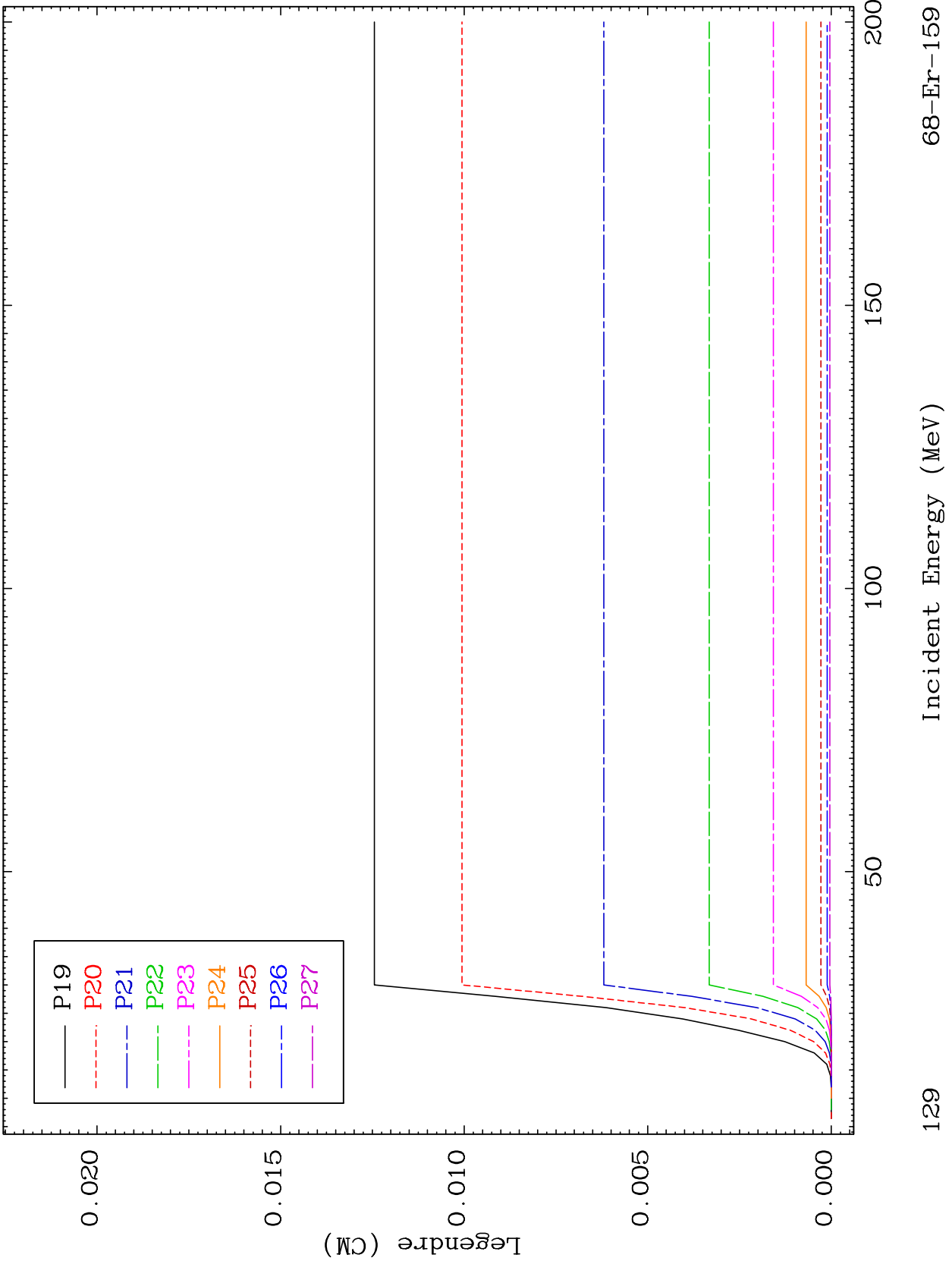
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



129

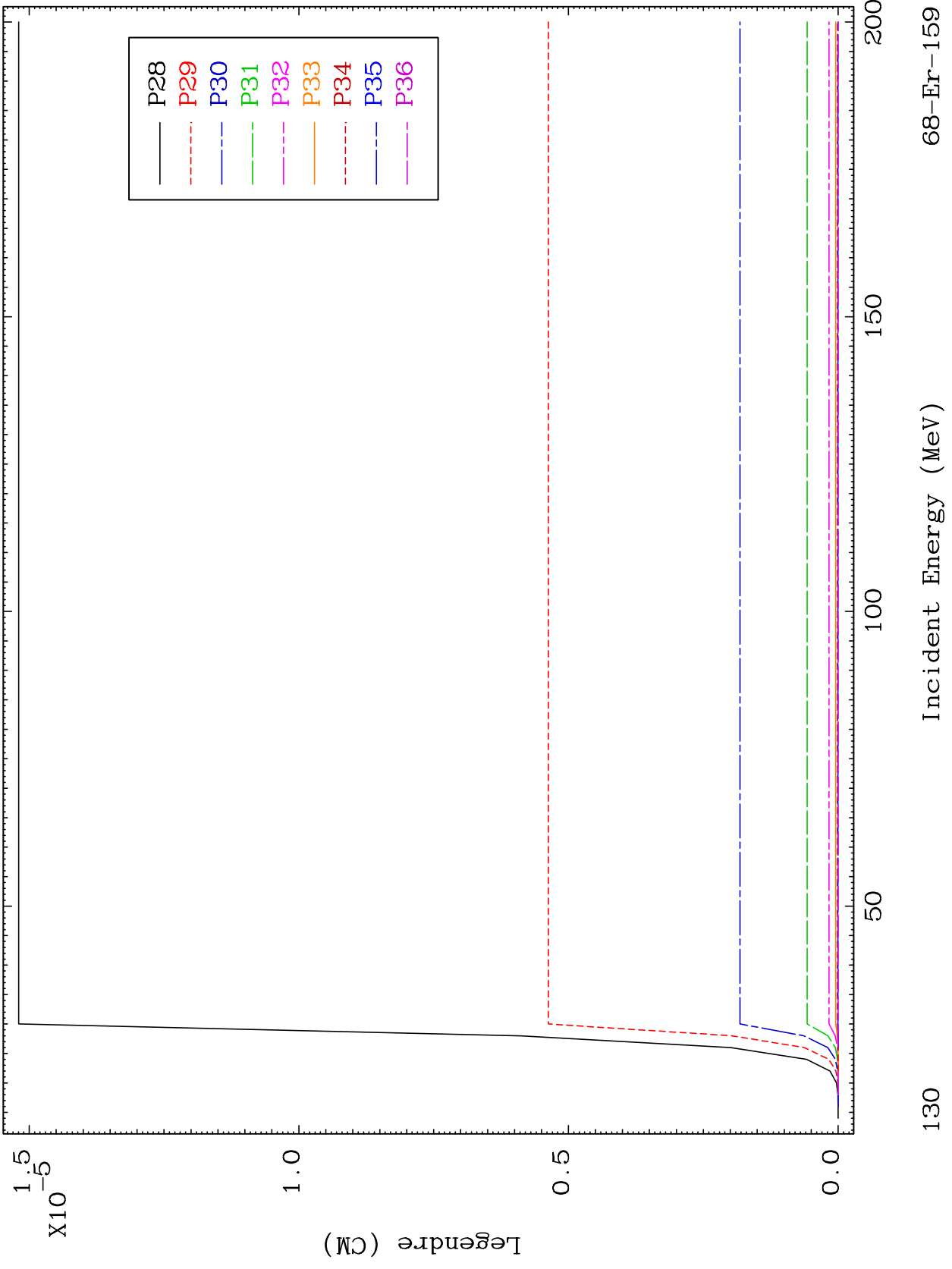
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159

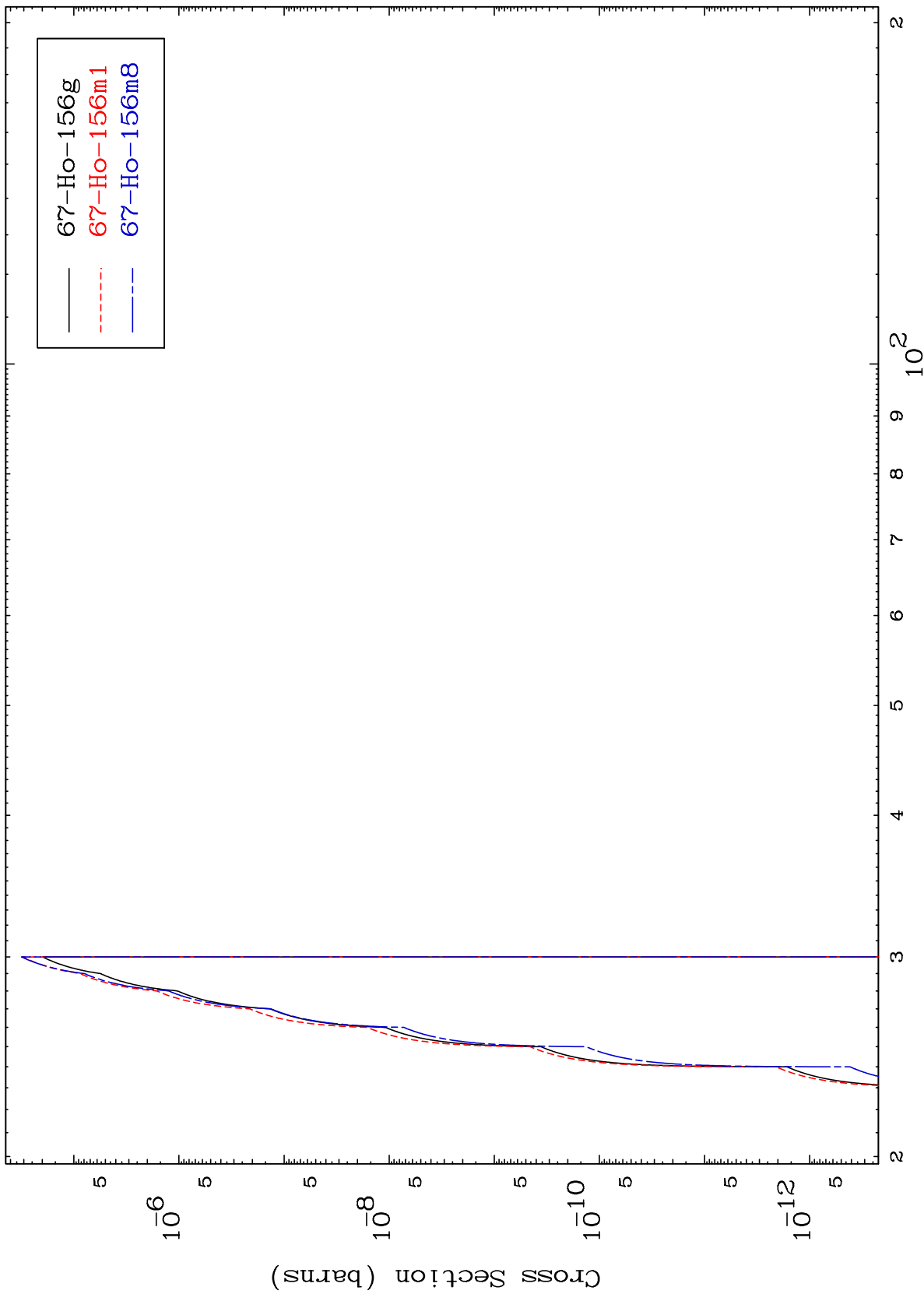


MAT 6816

(n,2n) d

68-Er-159

Radionuclide Production Cross Section



131

Incident Energy (MeV)

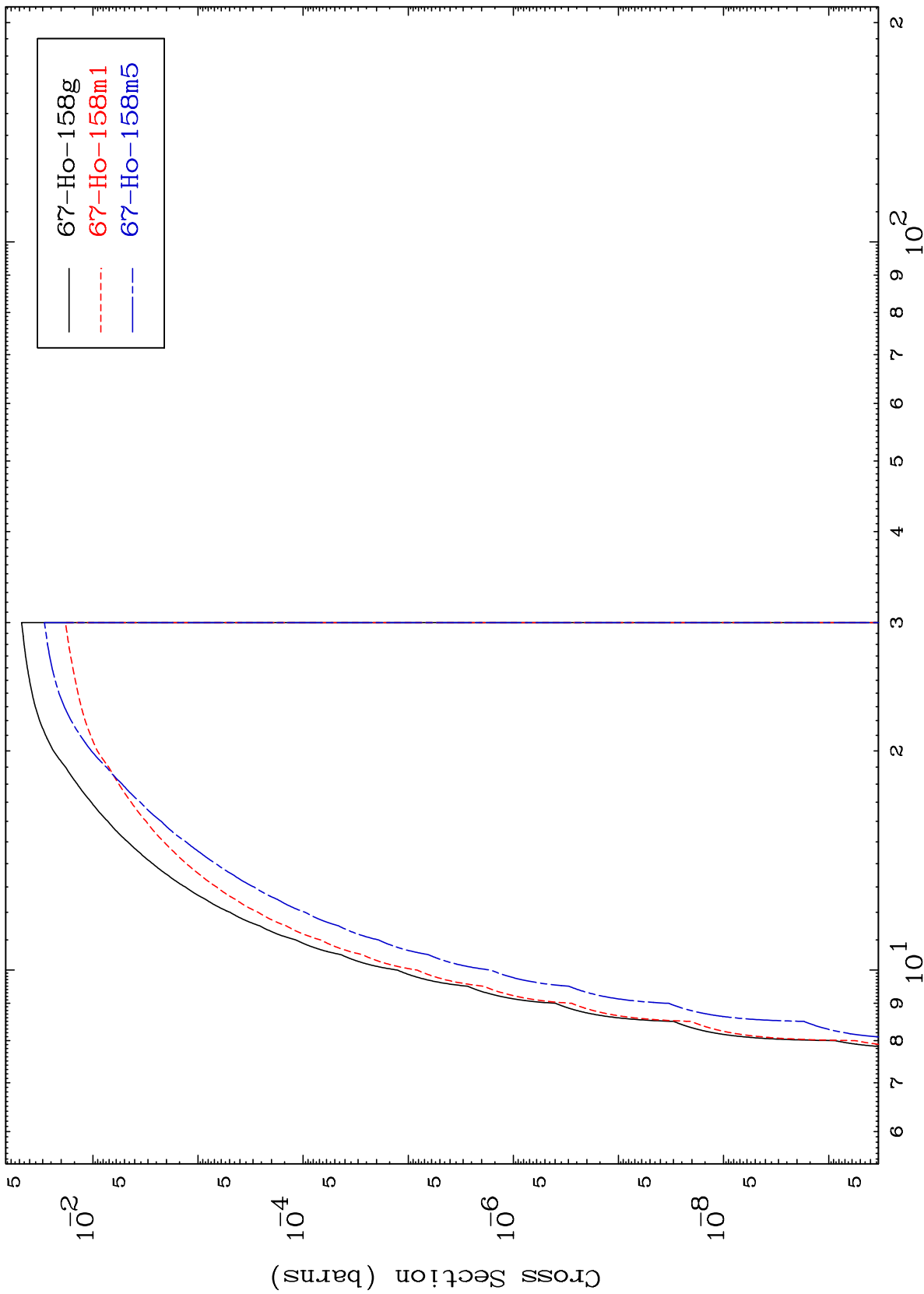
68-Er-159

MAT 6816

(n,n') p

68-Er-159

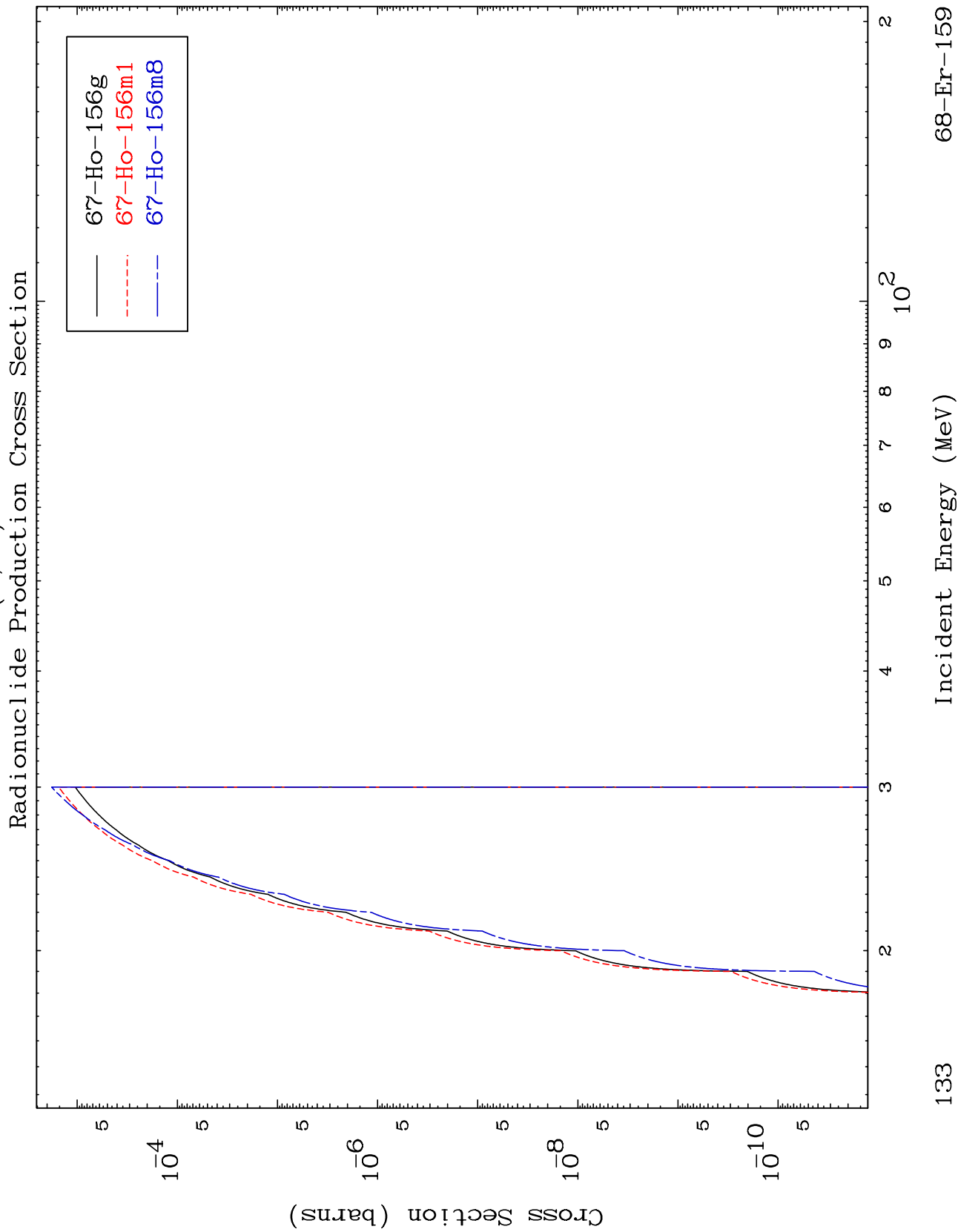
Radionuclide Production Cross Section



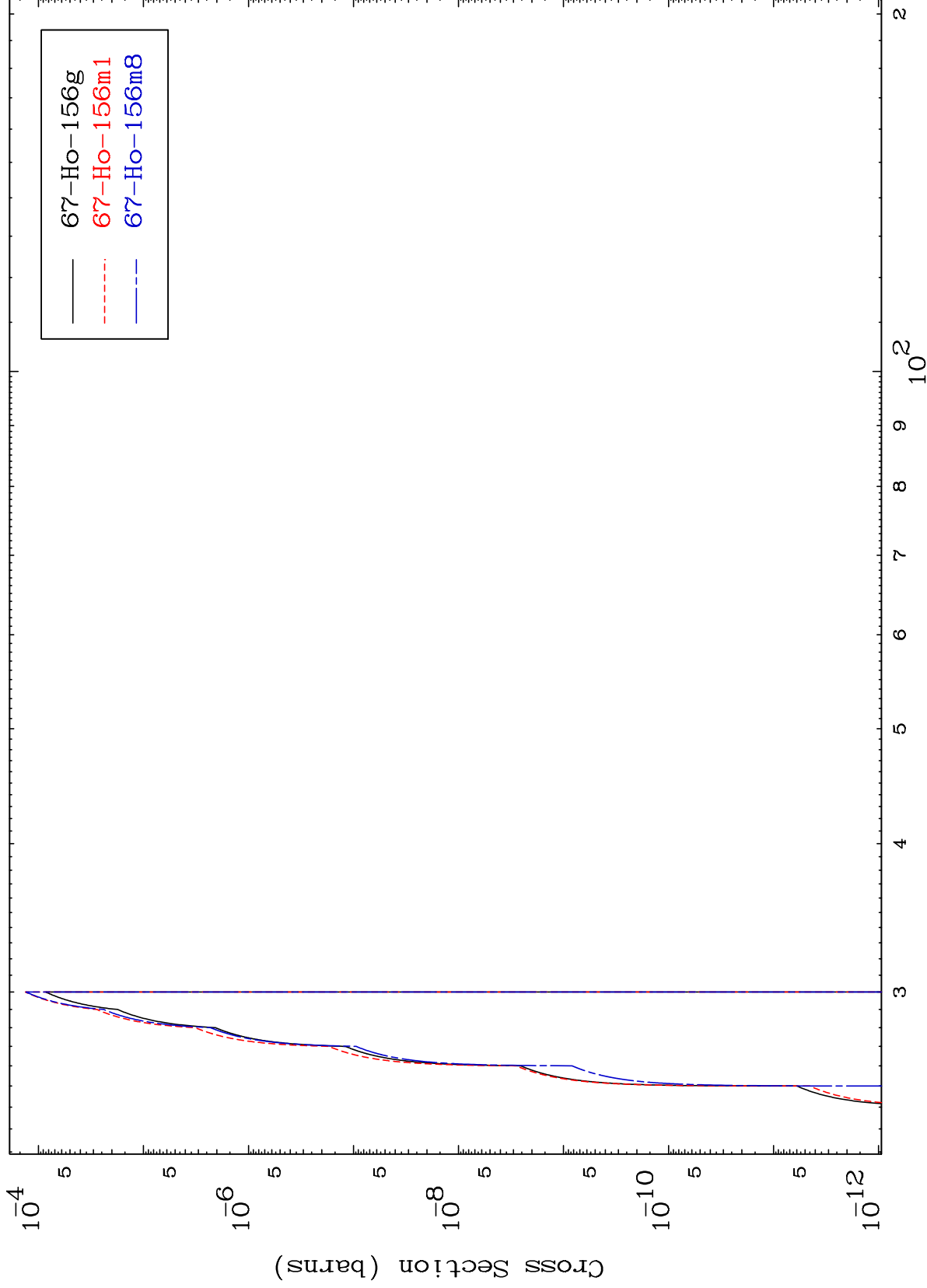
132

Incident Energy (MeV)

68-Er-159



Radionuclide Production Cross Section

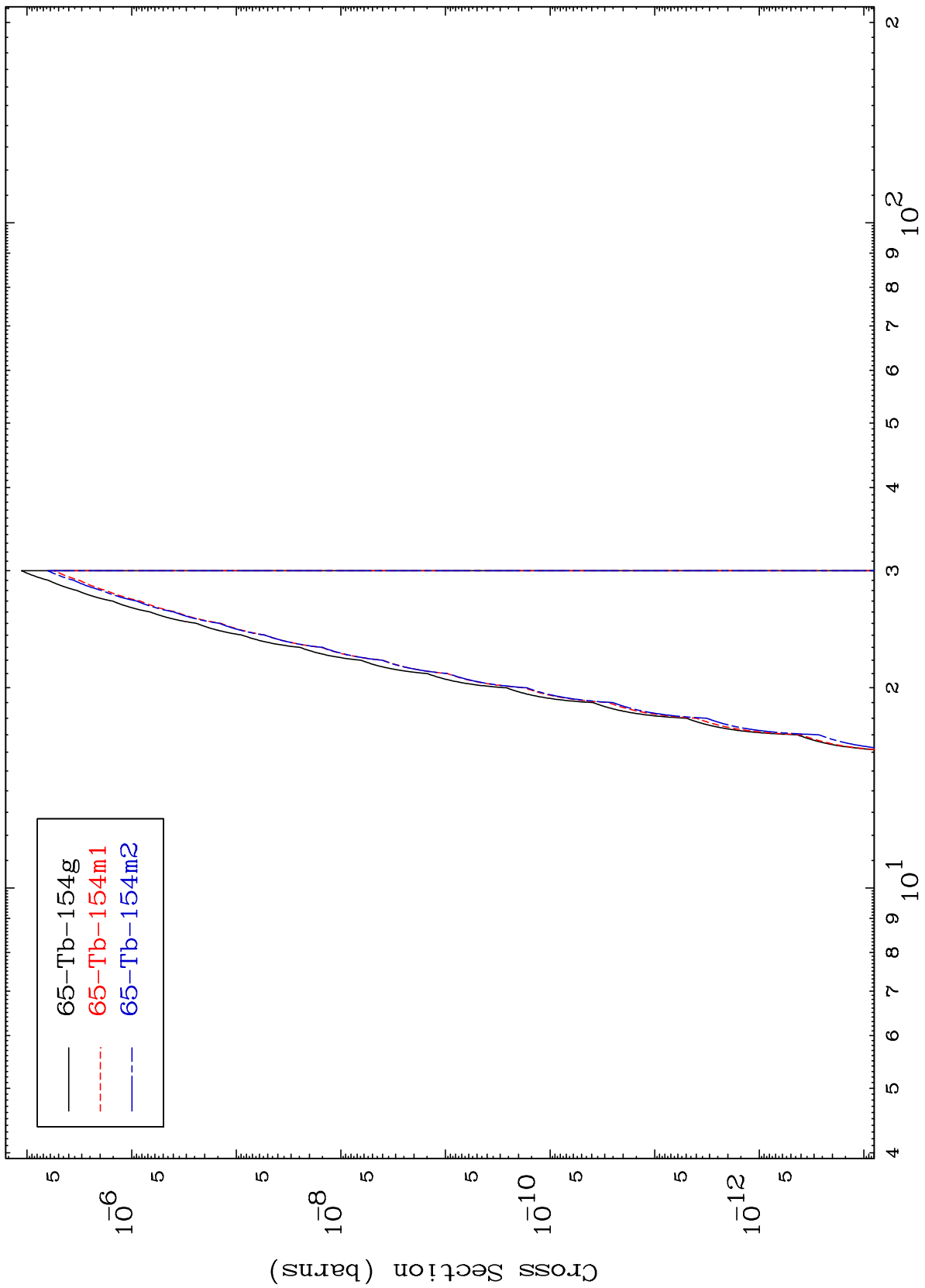


MAT 6816

(n,n') p α

68-Er-159

Radionuclide Production Cross Section



65-Tb-154g
65-Tb-154m1
65-Tb-154m2

135

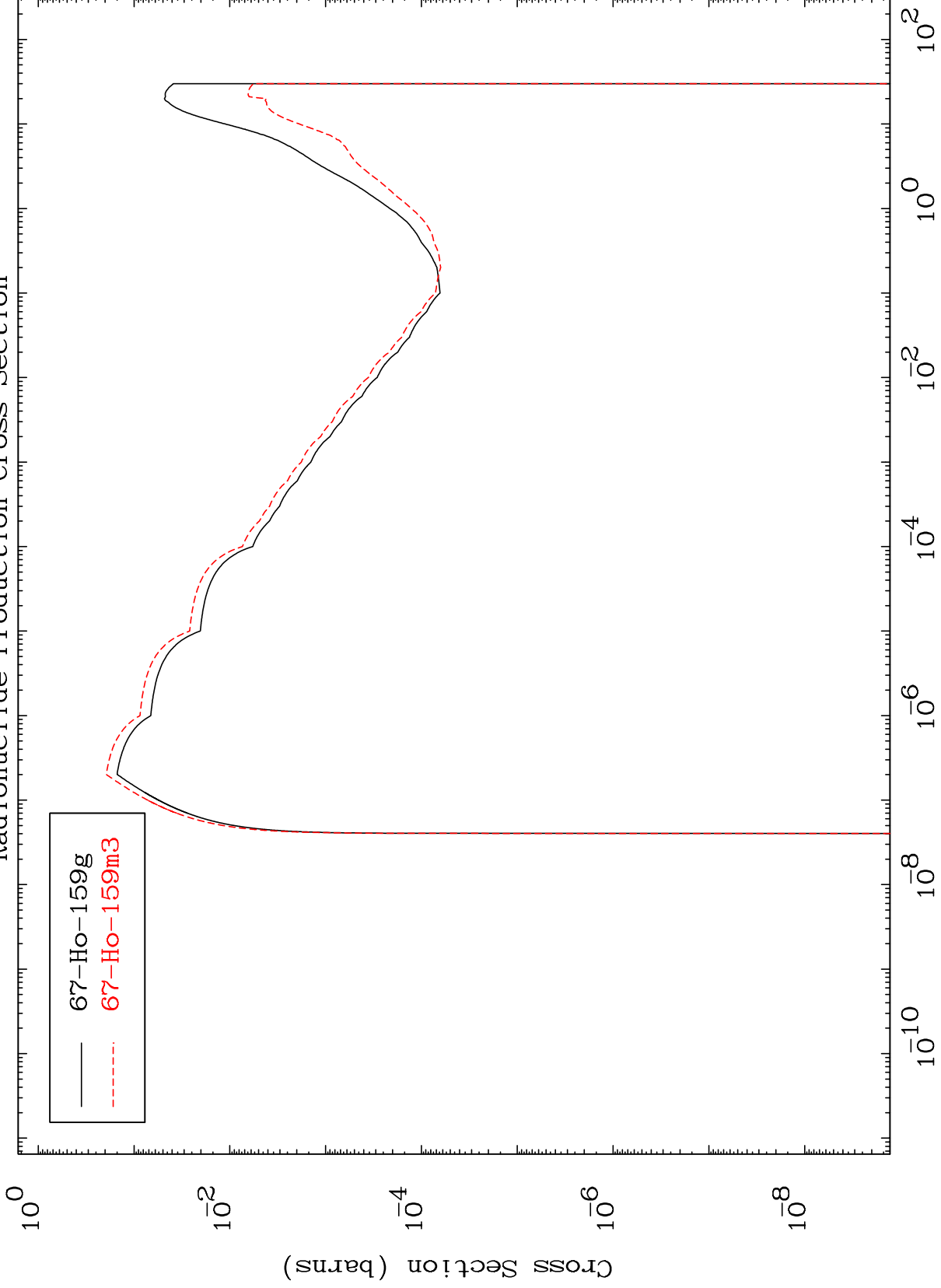
Incident Energy (MeV)

68-Er-159

MAT 6816

68-Er-159

(n,p)
Radionuclide Production Cross Section



— 67-Ho-159g
- - - 67-Ho-159m3

136

68-Er-159

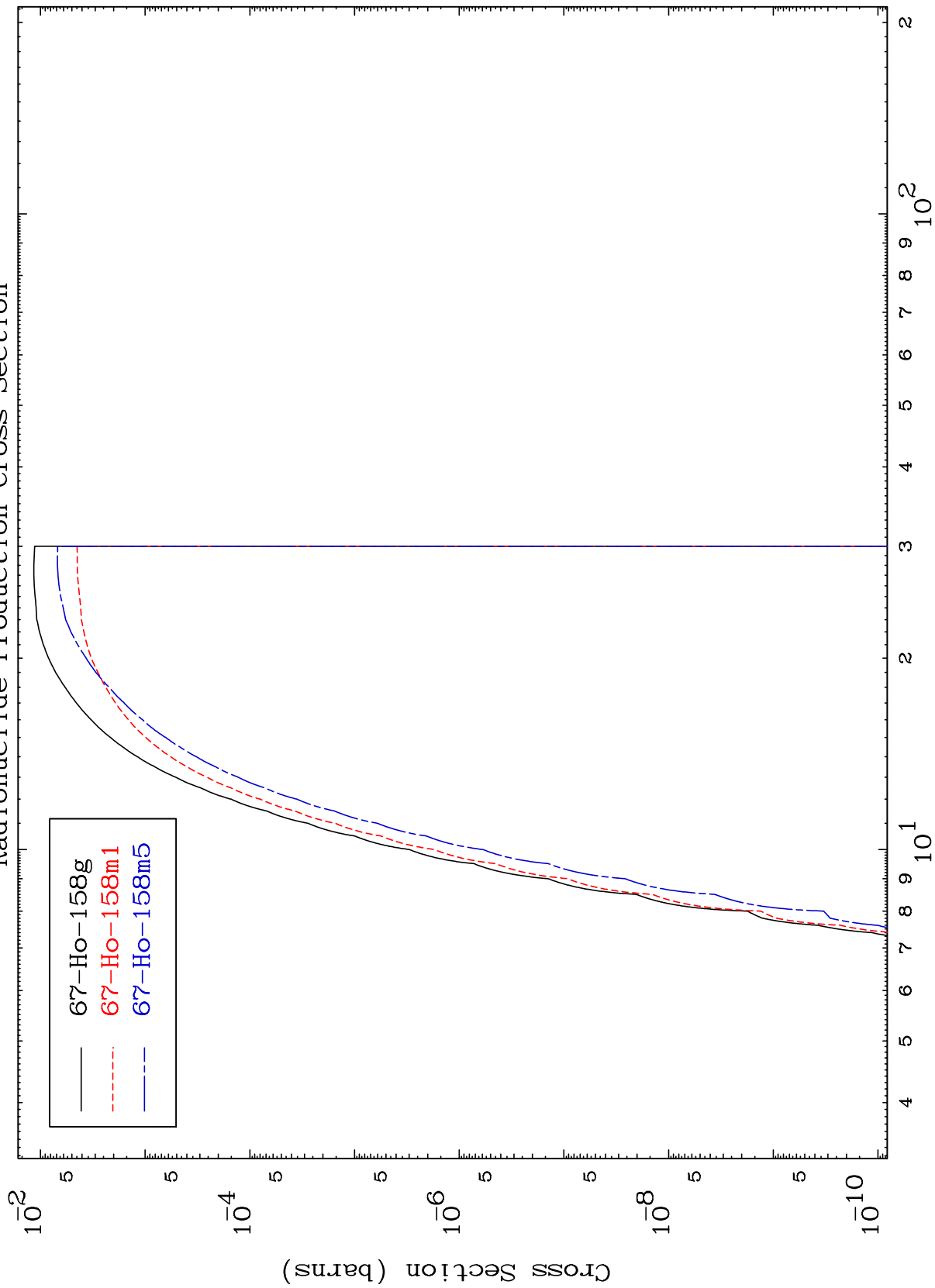
Incident Energy (MeV)

MAT 6816

(n,d)

68-Er-159

Radionuclide Production Cross Section

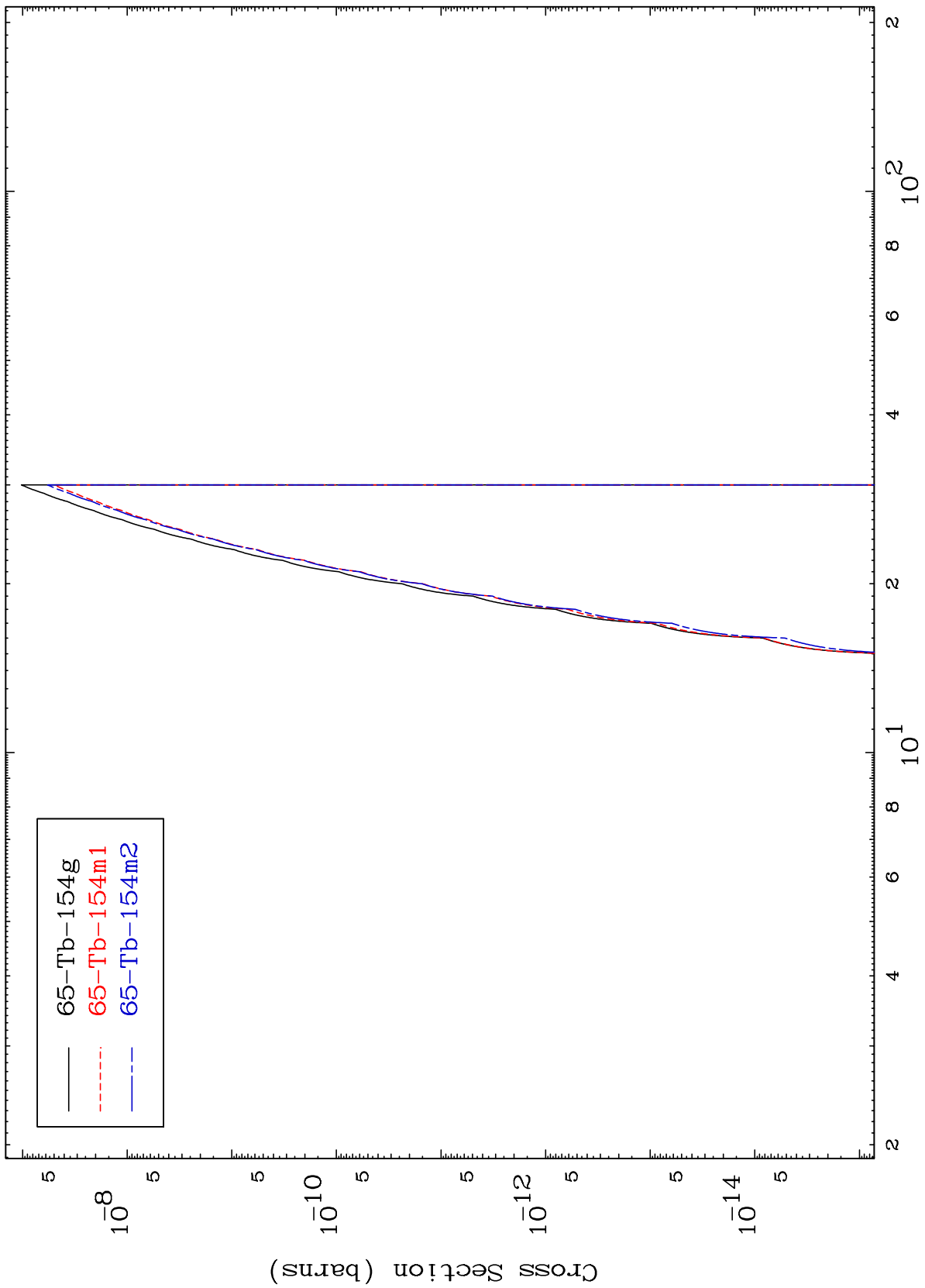


137

Incident Energy (MeV)

68-Er-159

Radionuclide Production Cross Section



65-Tb-154g
65-Tb-154m1
65-Tb-154m2