

Program EVALPLOT
(Version 2018-1)

by

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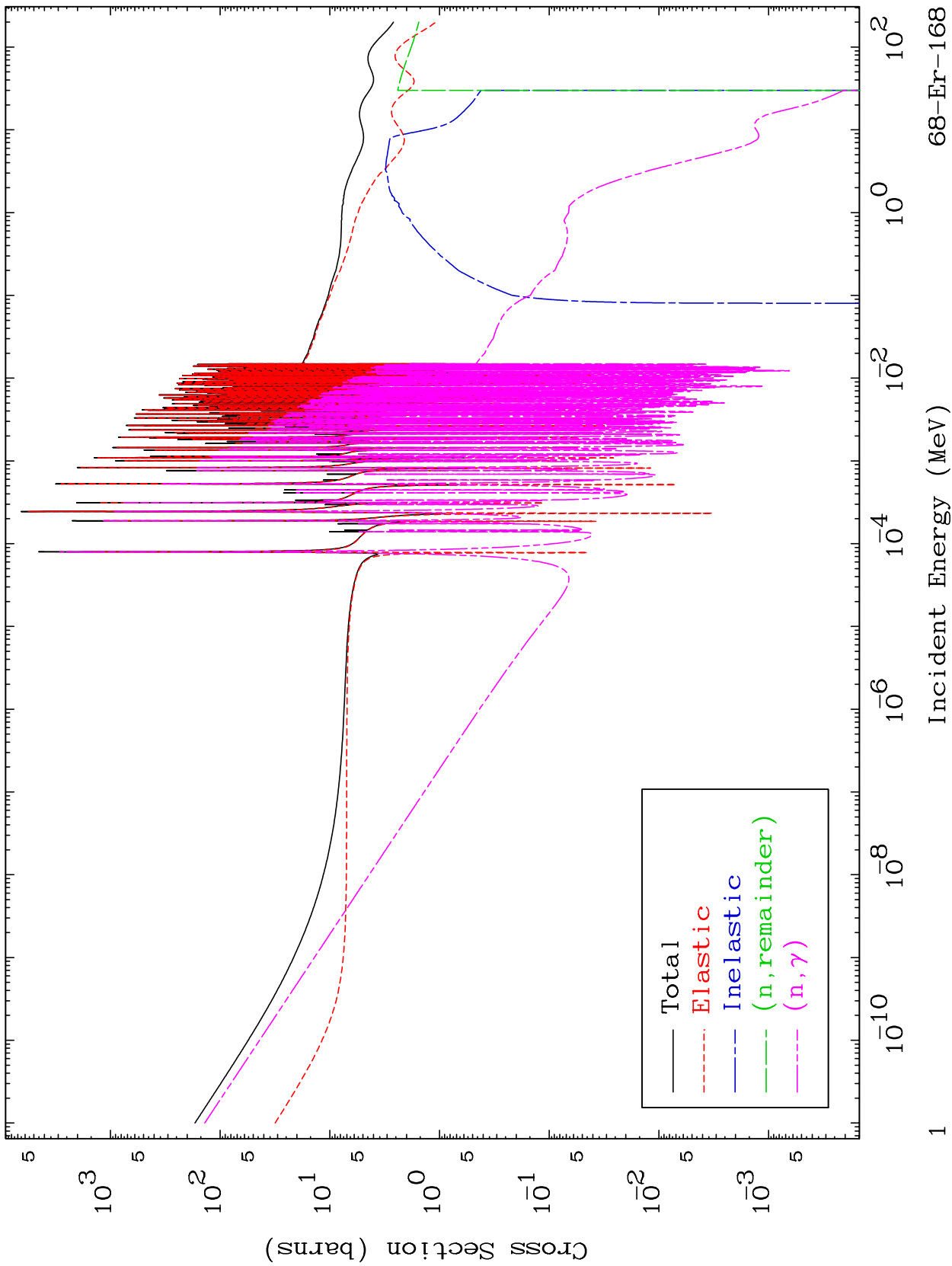
Press Mouse Button to Start

MAT 6843

Major

293 Kelvin Cross Sections

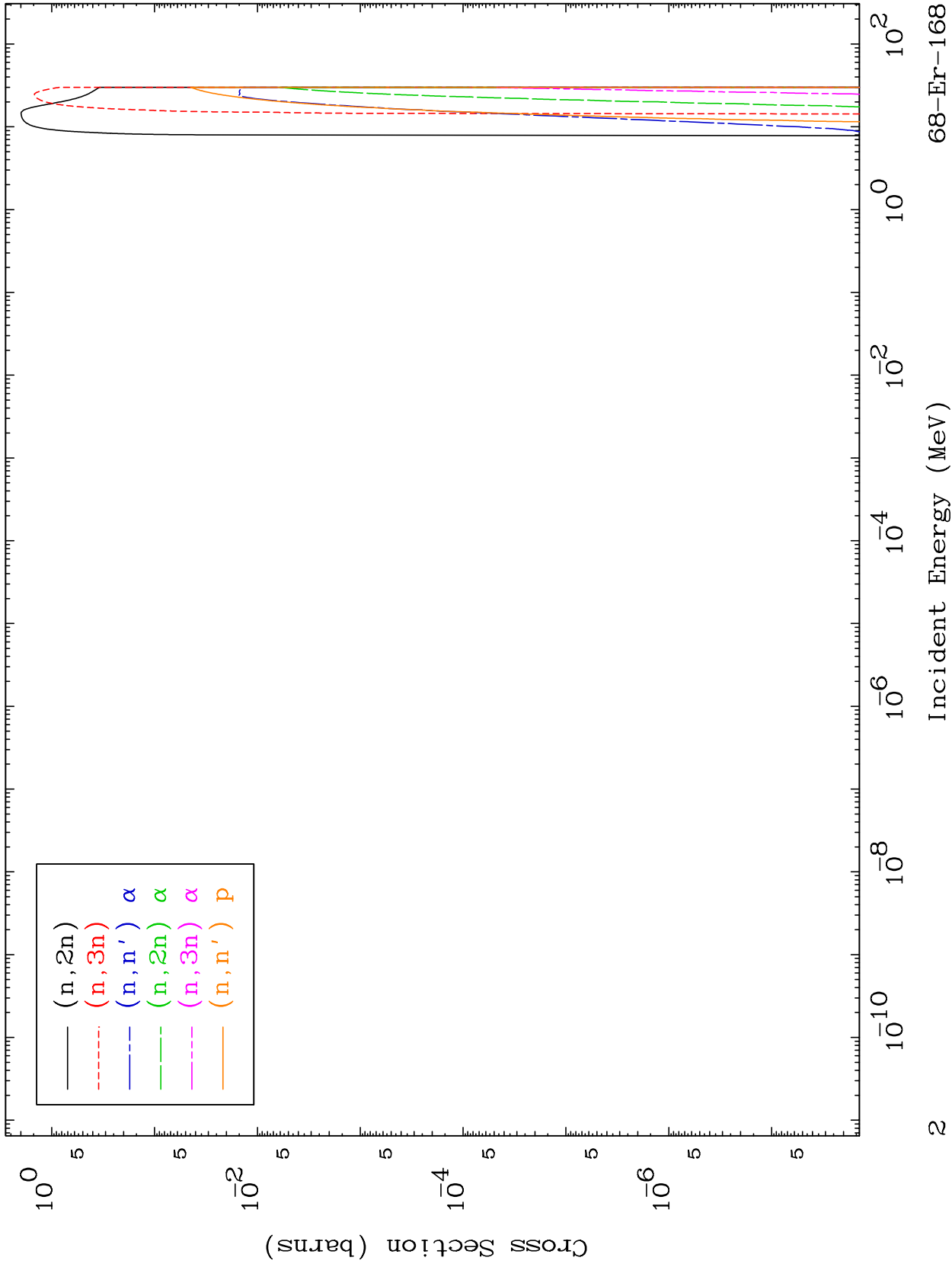
68-Er-168

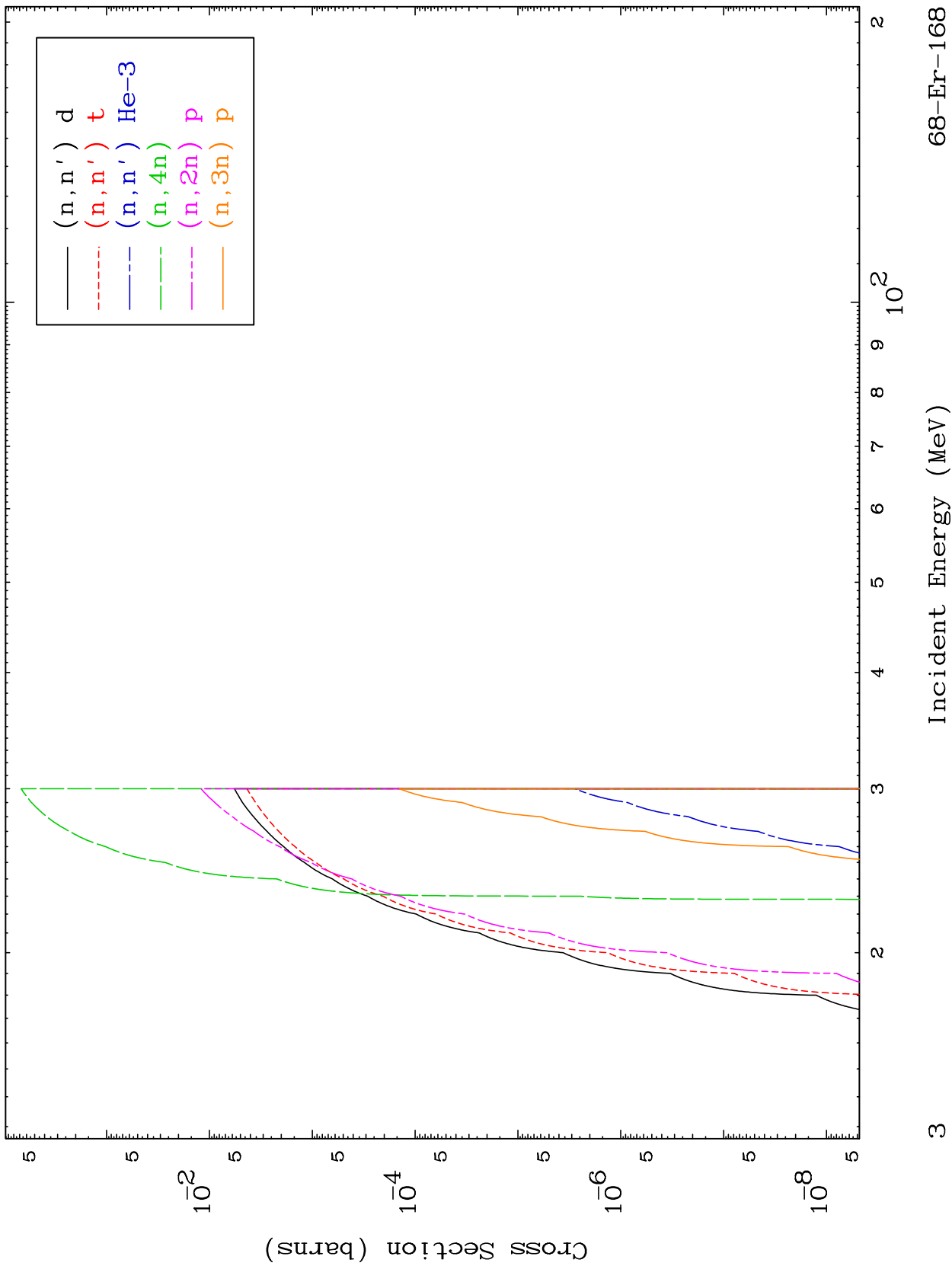


MAT 6843

Neutron Production
293 Kelvin Cross Sections

68-Er-168

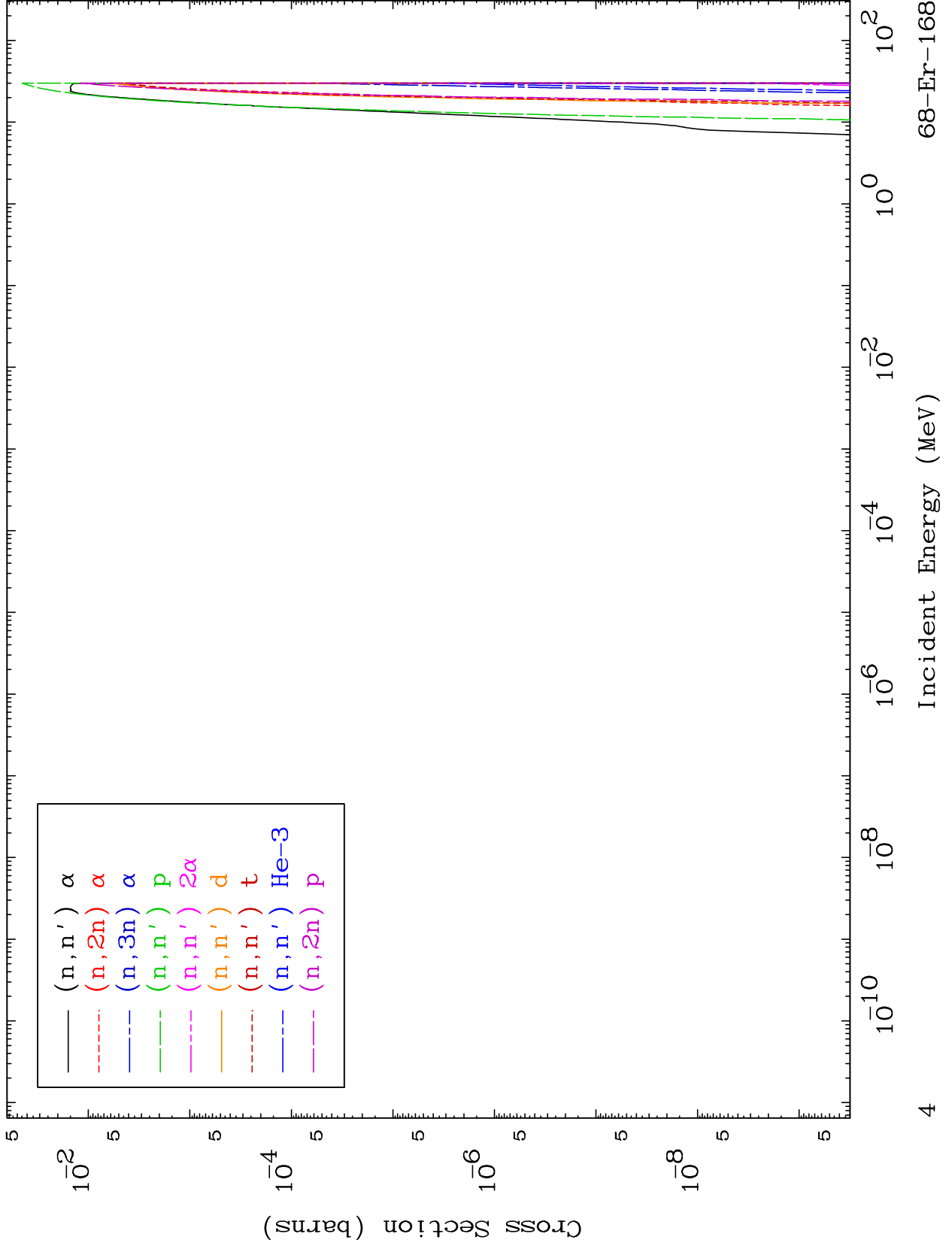




MAT 6843

Charged Particle
293 Kelvin Cross Sections

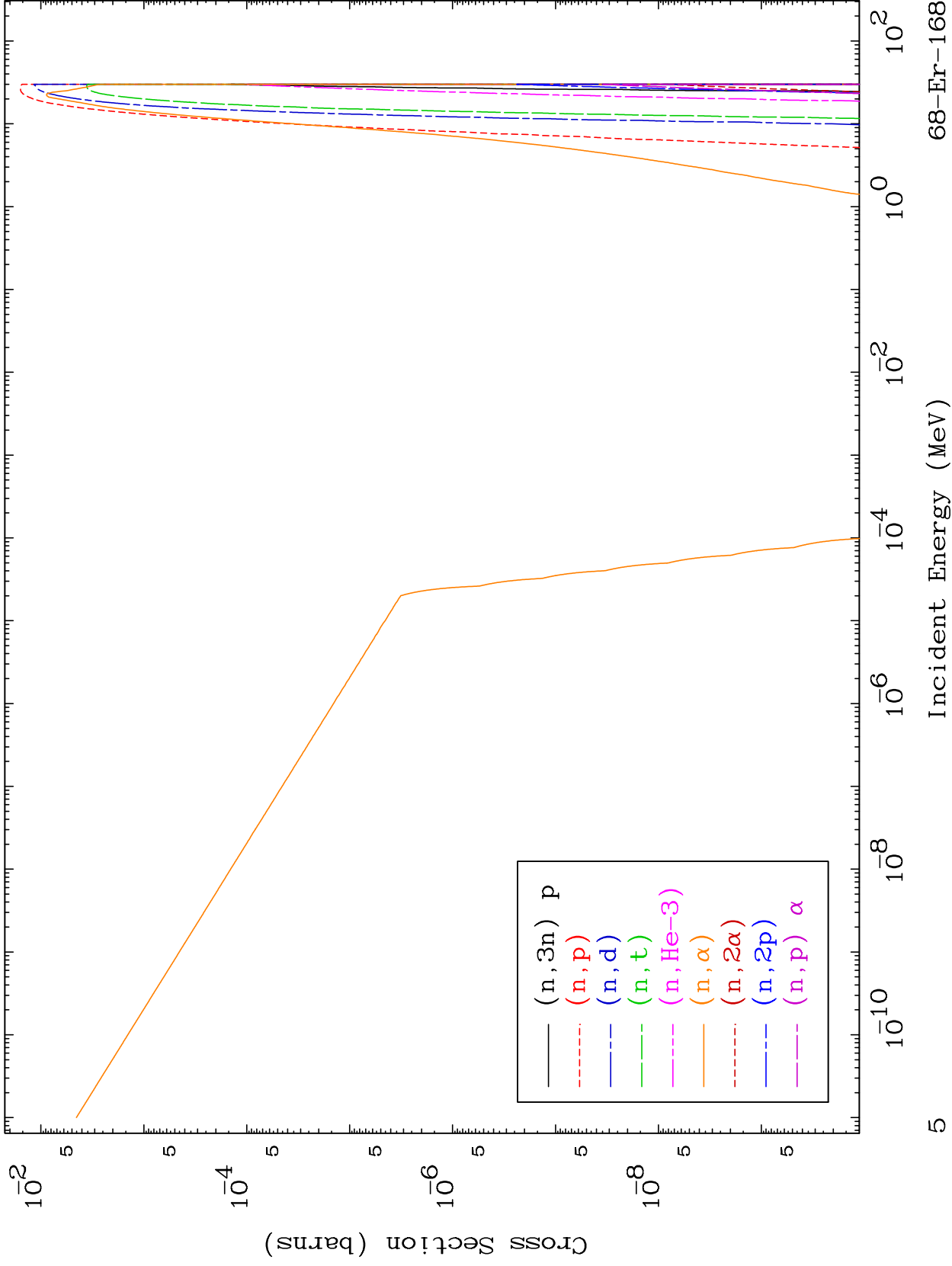
68-Er-168

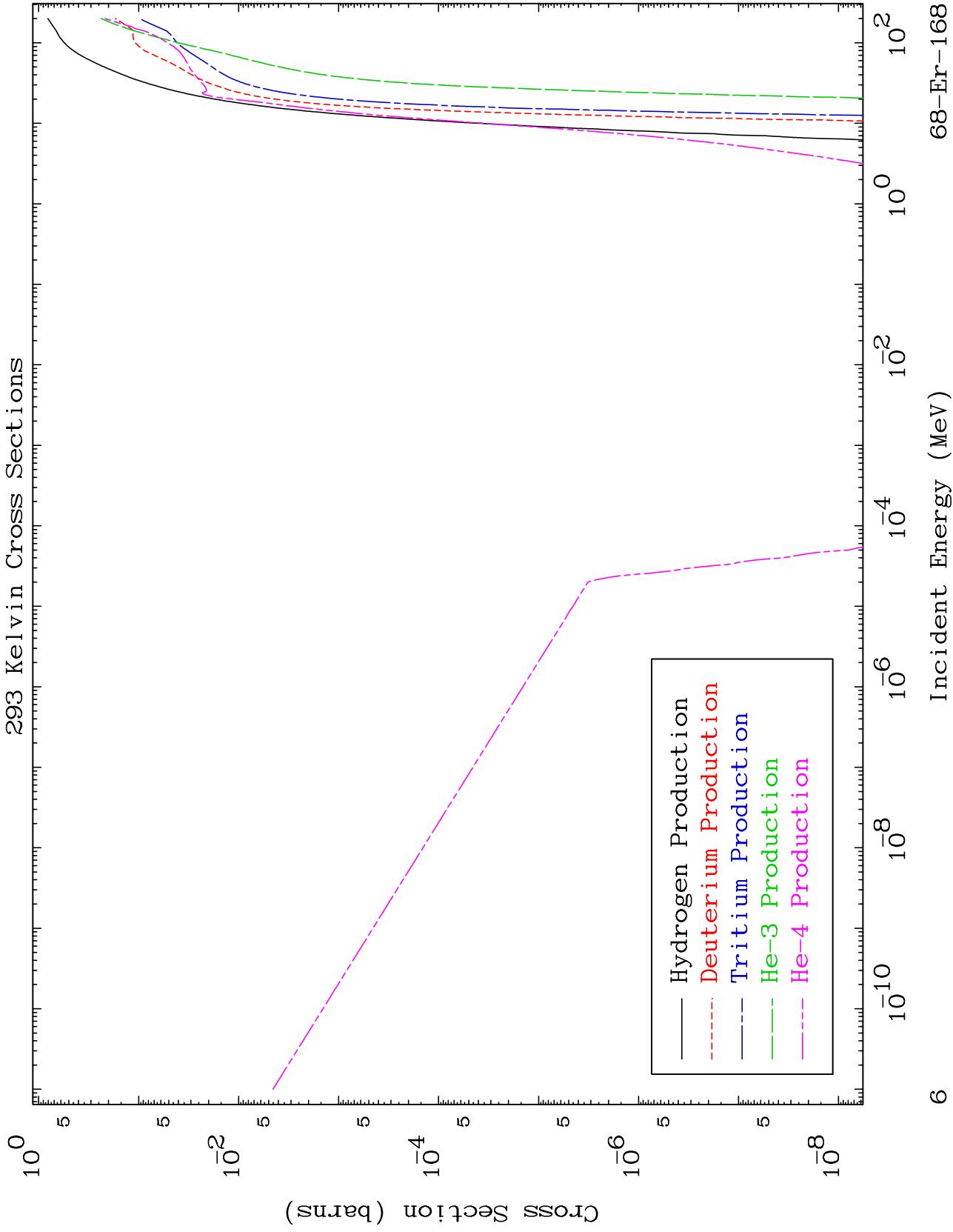


MAT 6843

Charged Particle
293 Kelvin Cross Sections

68-Er-168



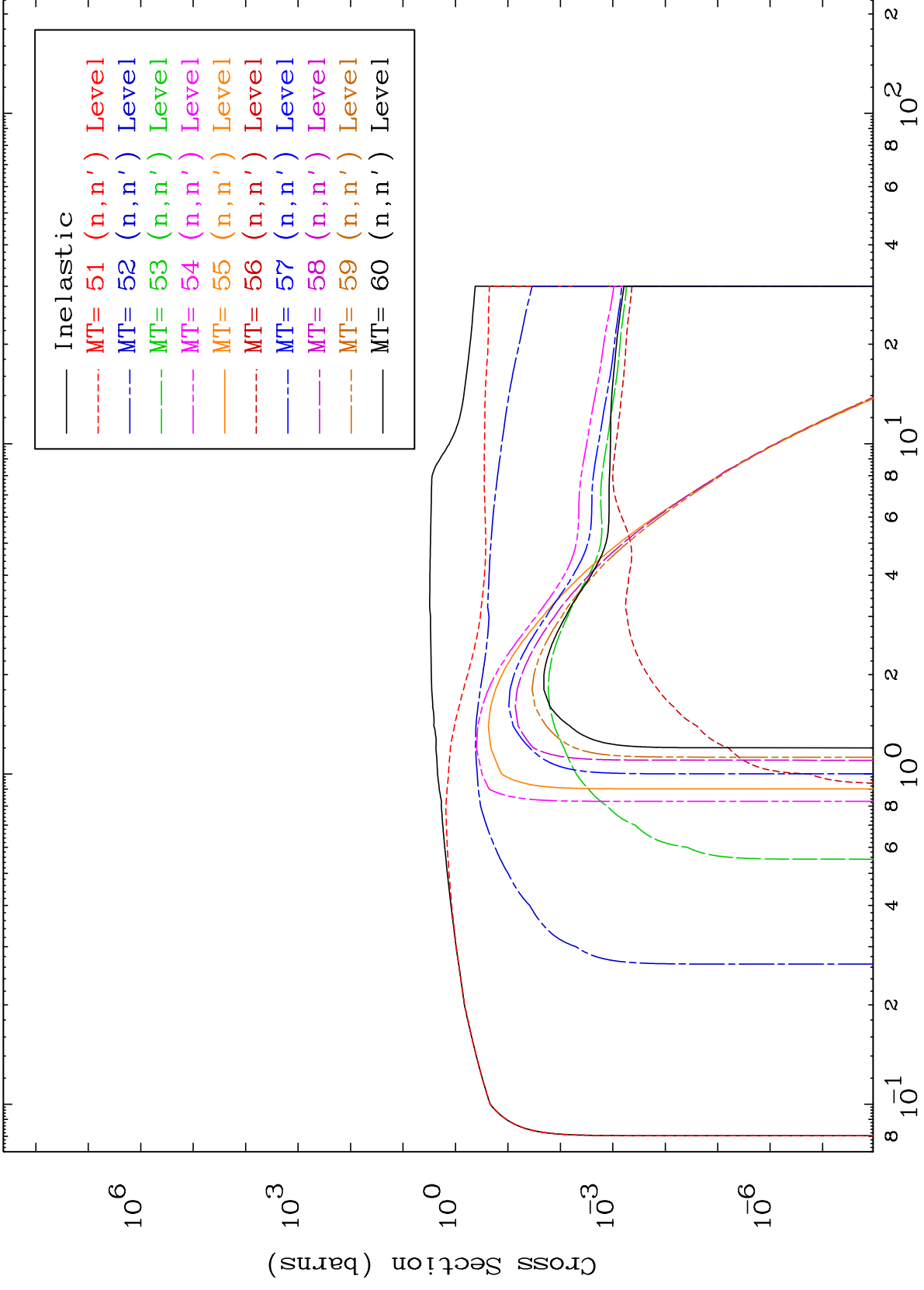


MAT 6843

(n,n') Level

68-Er-168

293 Kelvin Cross Sections



Incident Energy (MeV)

68-Er-168

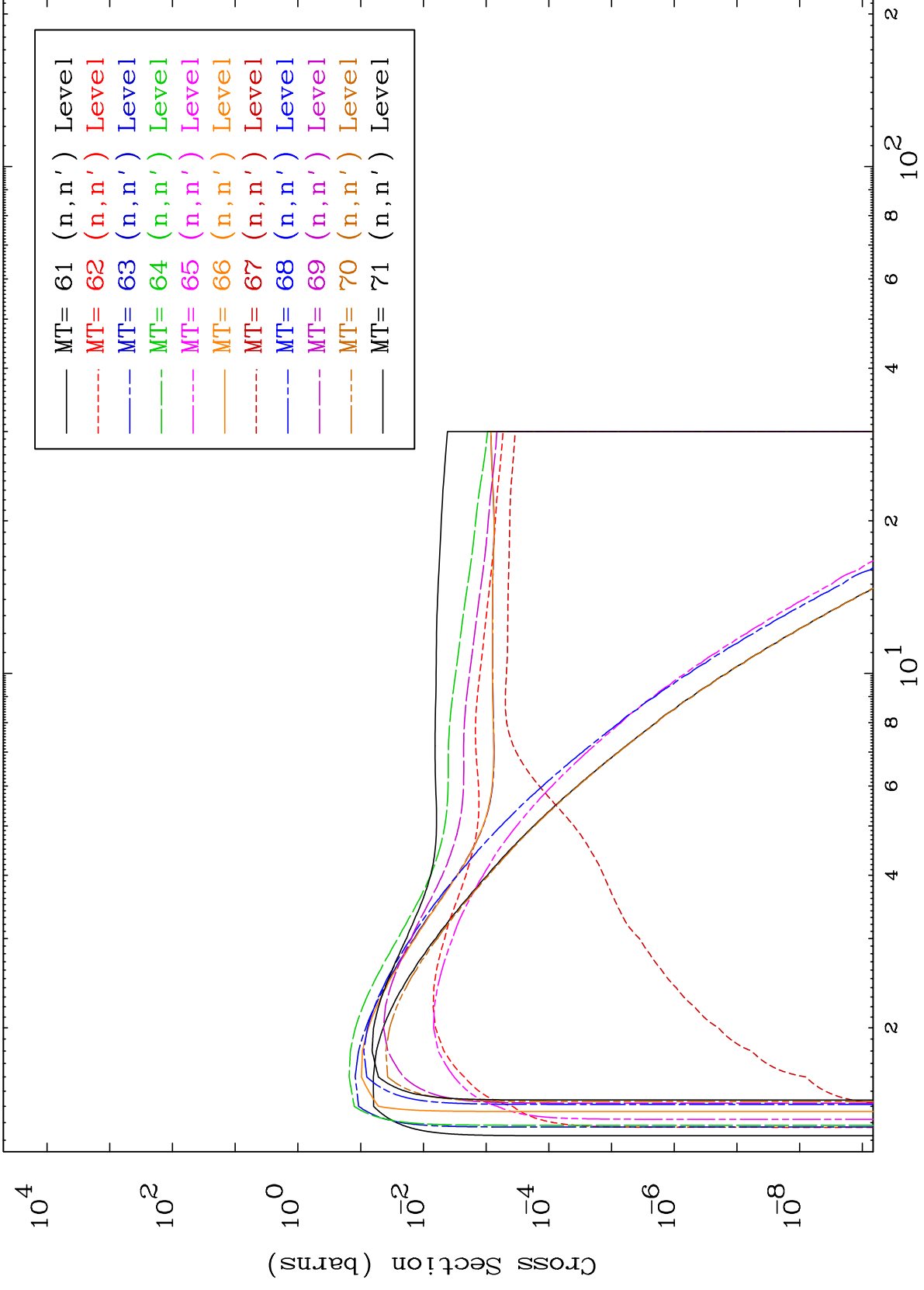
7

MAT 6843

(n,n') Level

68-Er-168

293 Kelvin Cross Sections

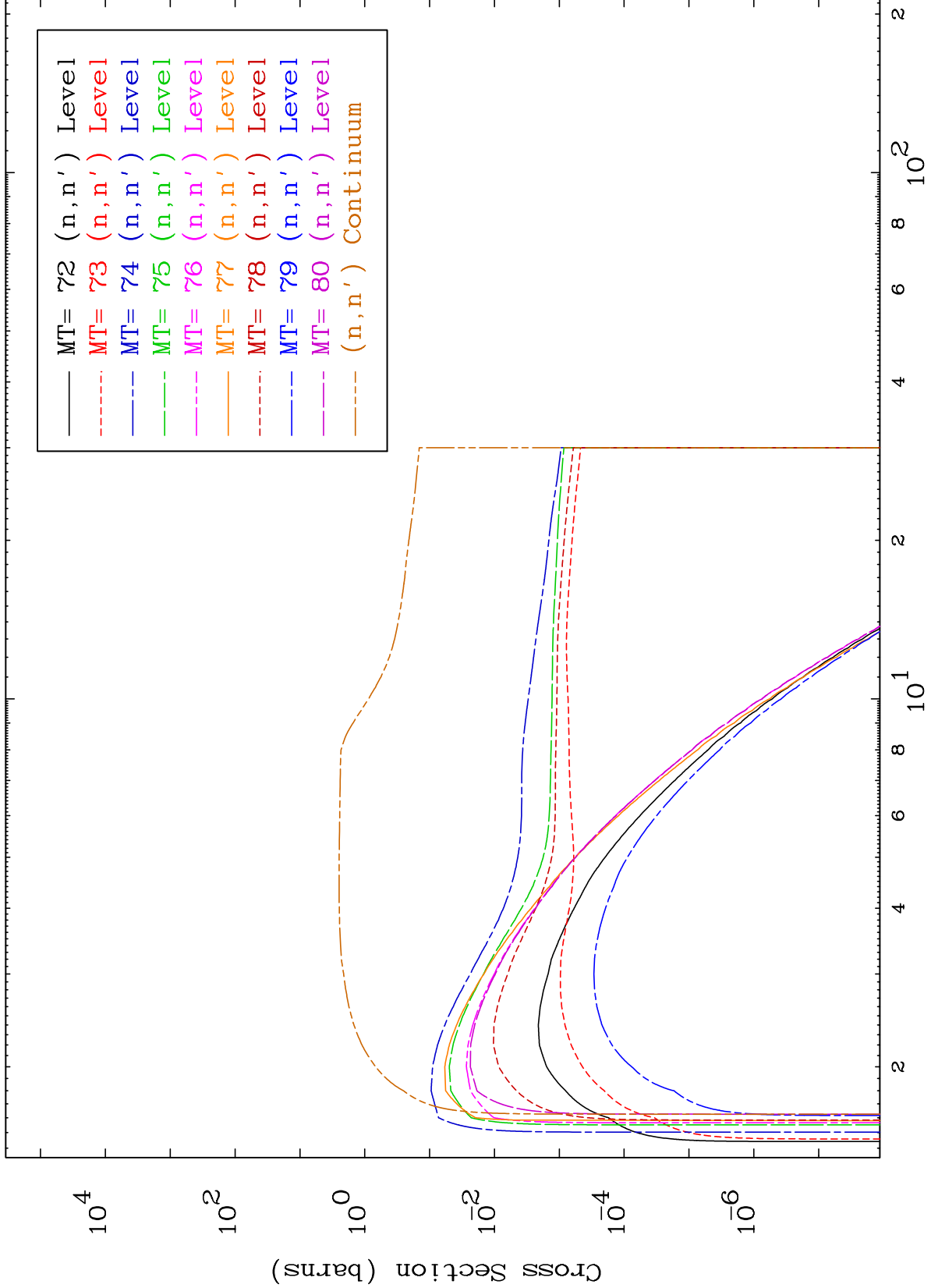


8

Incident Energy (MeV)

68-Er-168

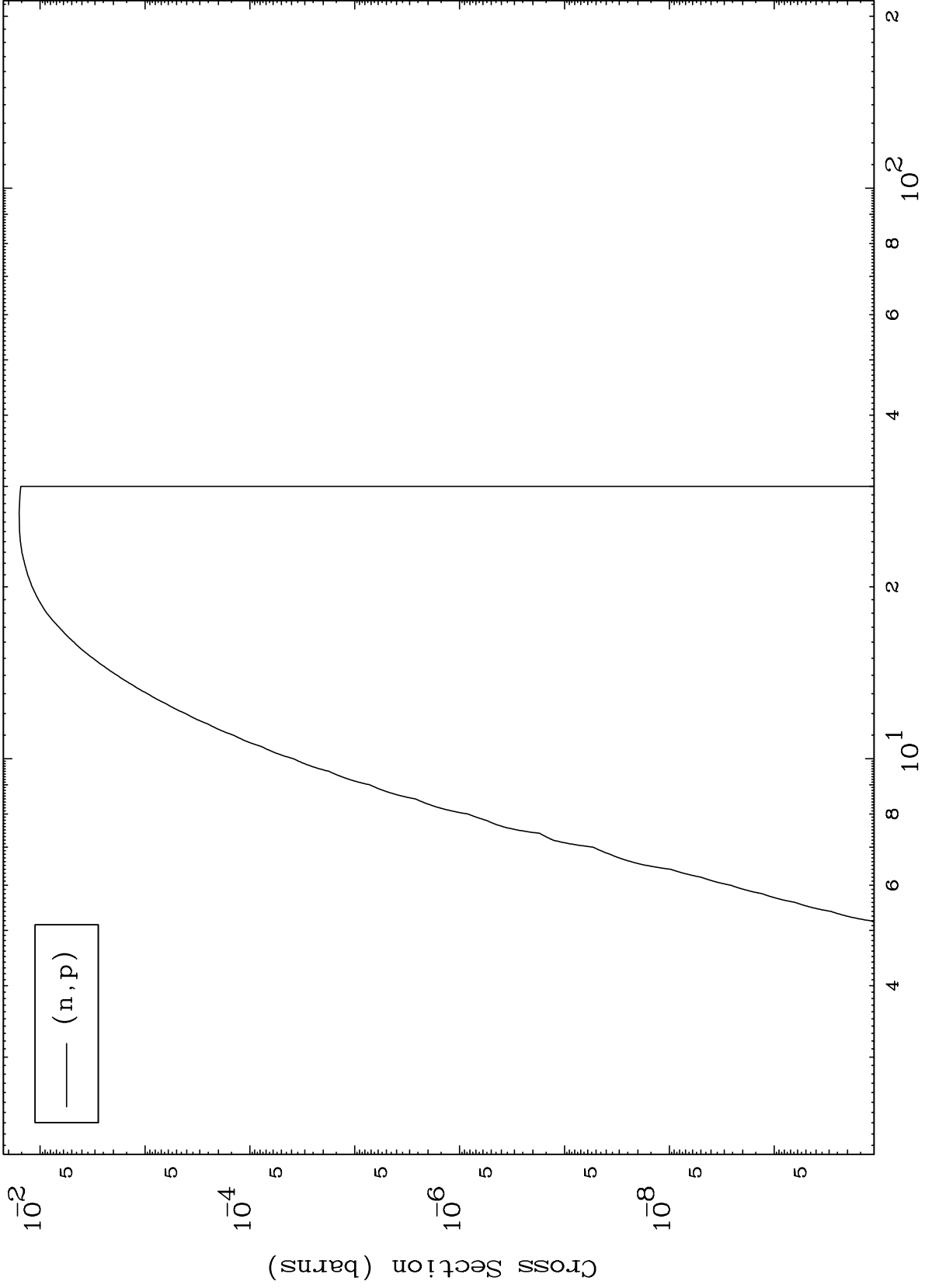
293 Kelvin Cross Sections



MAT 6843

(n,p) Levels
293 Kelvin Cross Sections

68-Er-168



10

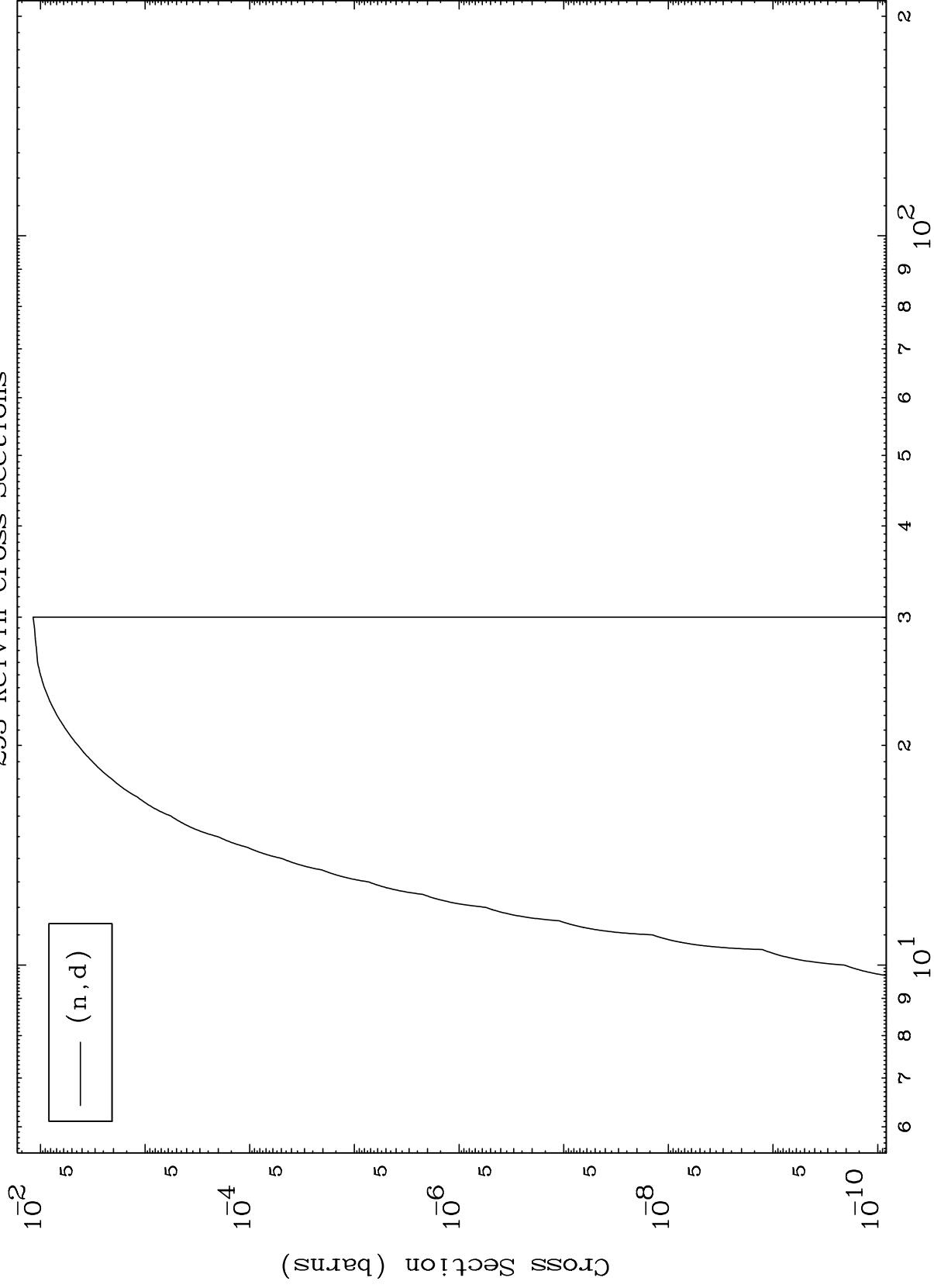
Incident Energy (MeV)

68-Er-168

MAT 6843

(n,d) Levels
293 Kelvin Cross Sections

68-Er-168



11

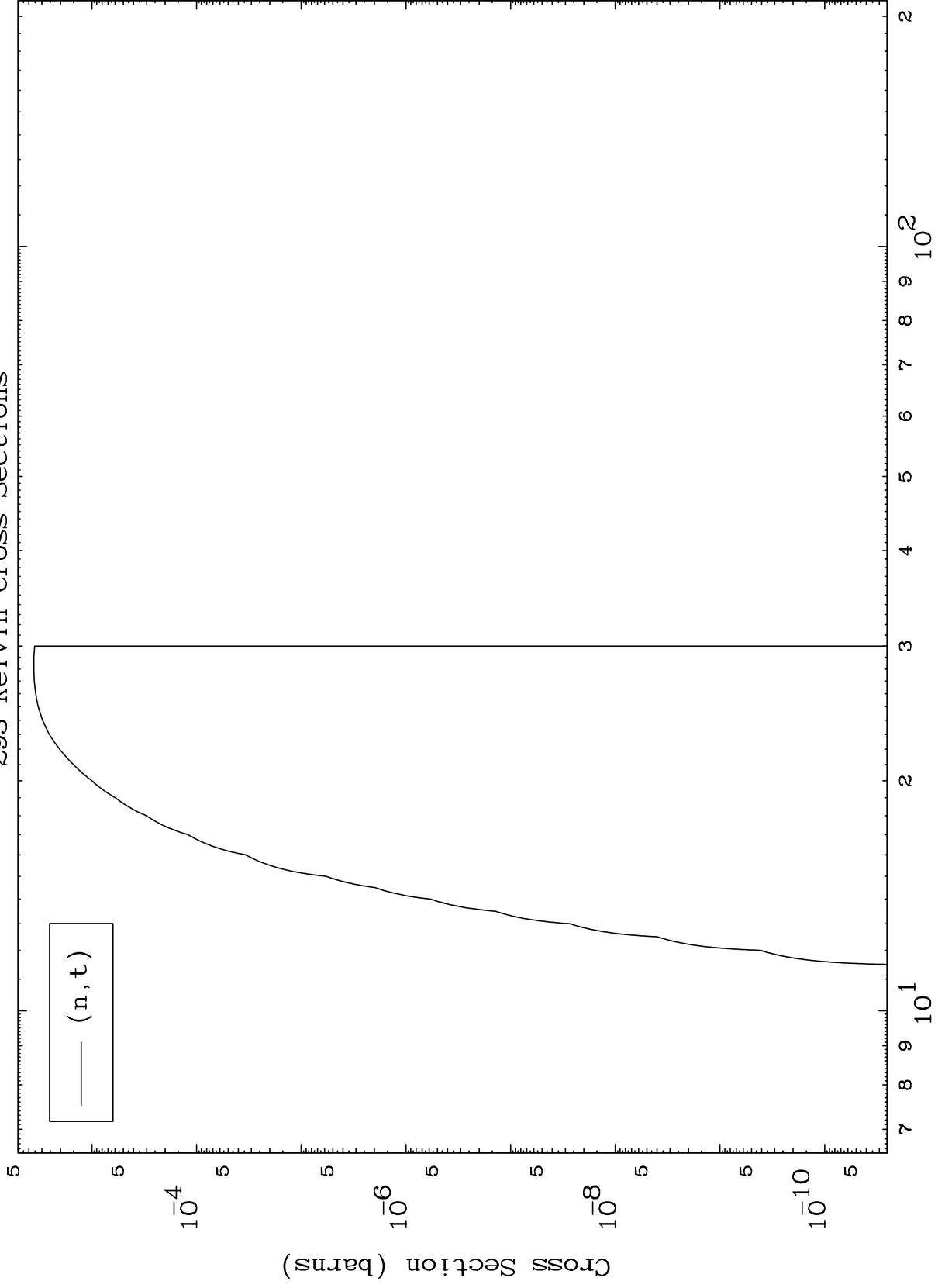
Incident Energy (MeV)

68-Er-168

MAT 6843

(n,t) Levels
293 Kelvin Cross Sections

68-Er-168



12

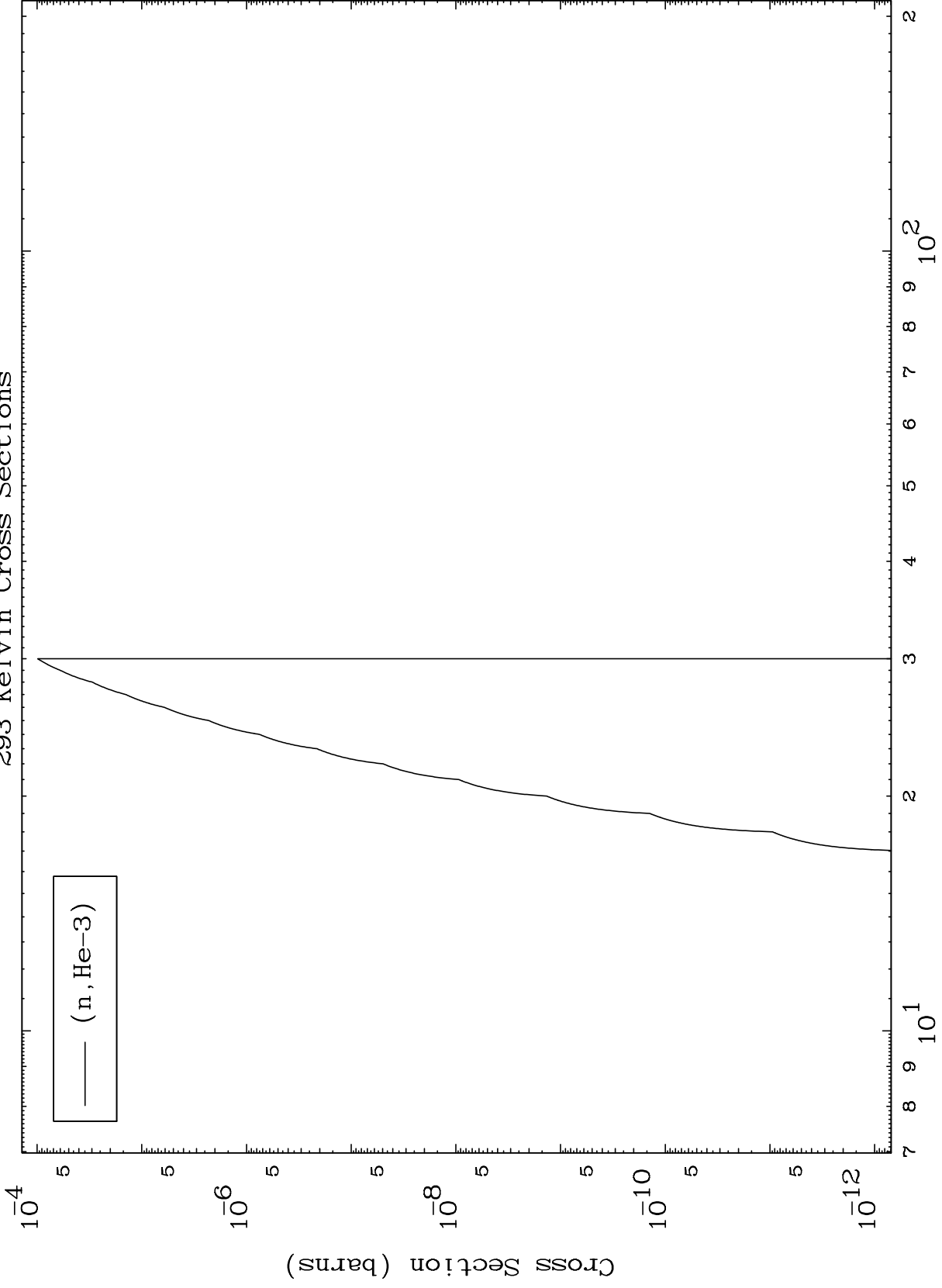
Incident Energy (MeV)

68-Er-168

MAT 6843

(n,He3) Levels
293 Kelvin Cross Sections

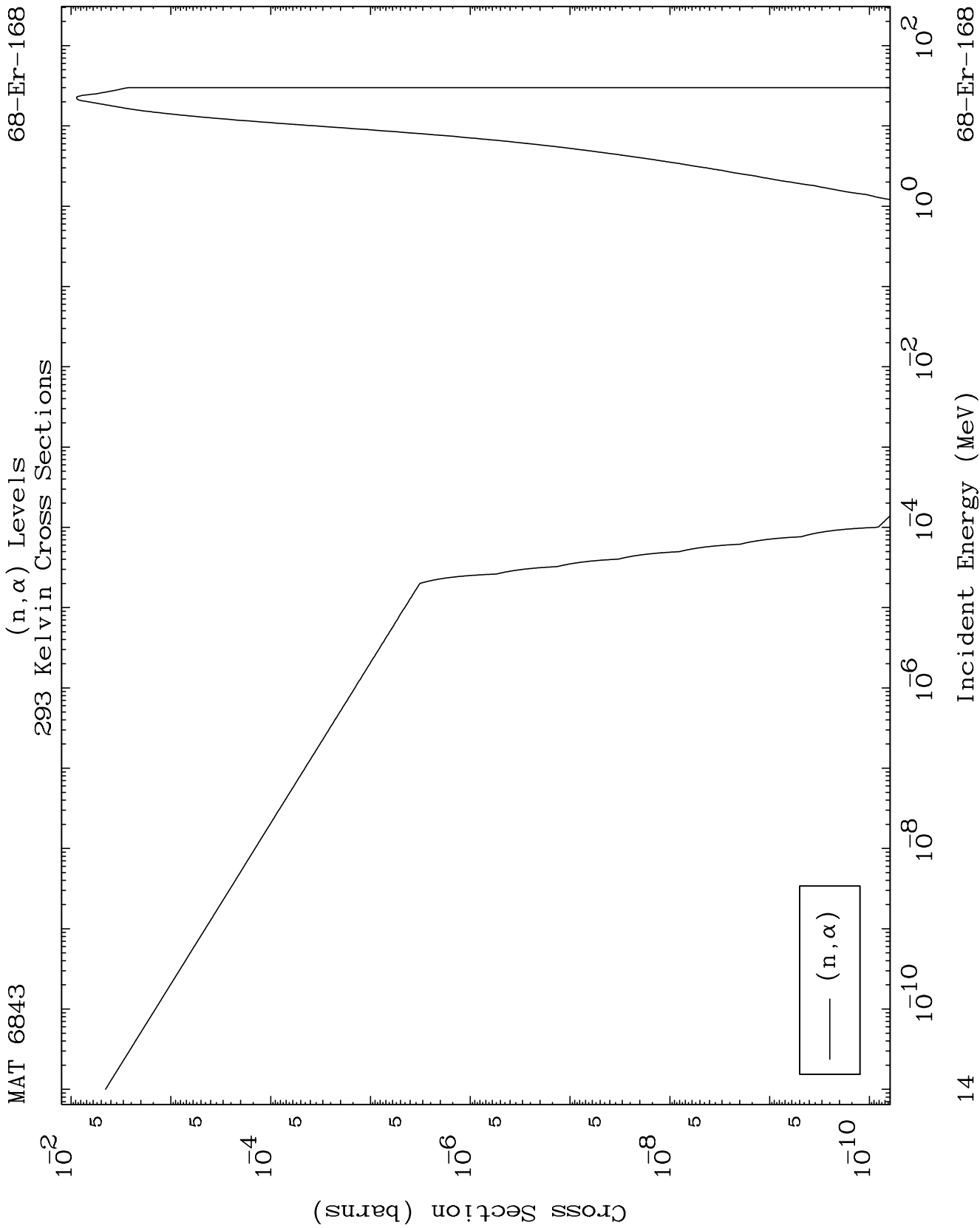
68-Er-168



13

Incident Energy (MeV)

68-Er-168



10^{-2}

10^{-4}

10^{-6}

10^{-8}

10^{-10}

Cross Section (barns)

10^{-10}

10^{-8}

10^{-6}

10^{-4}

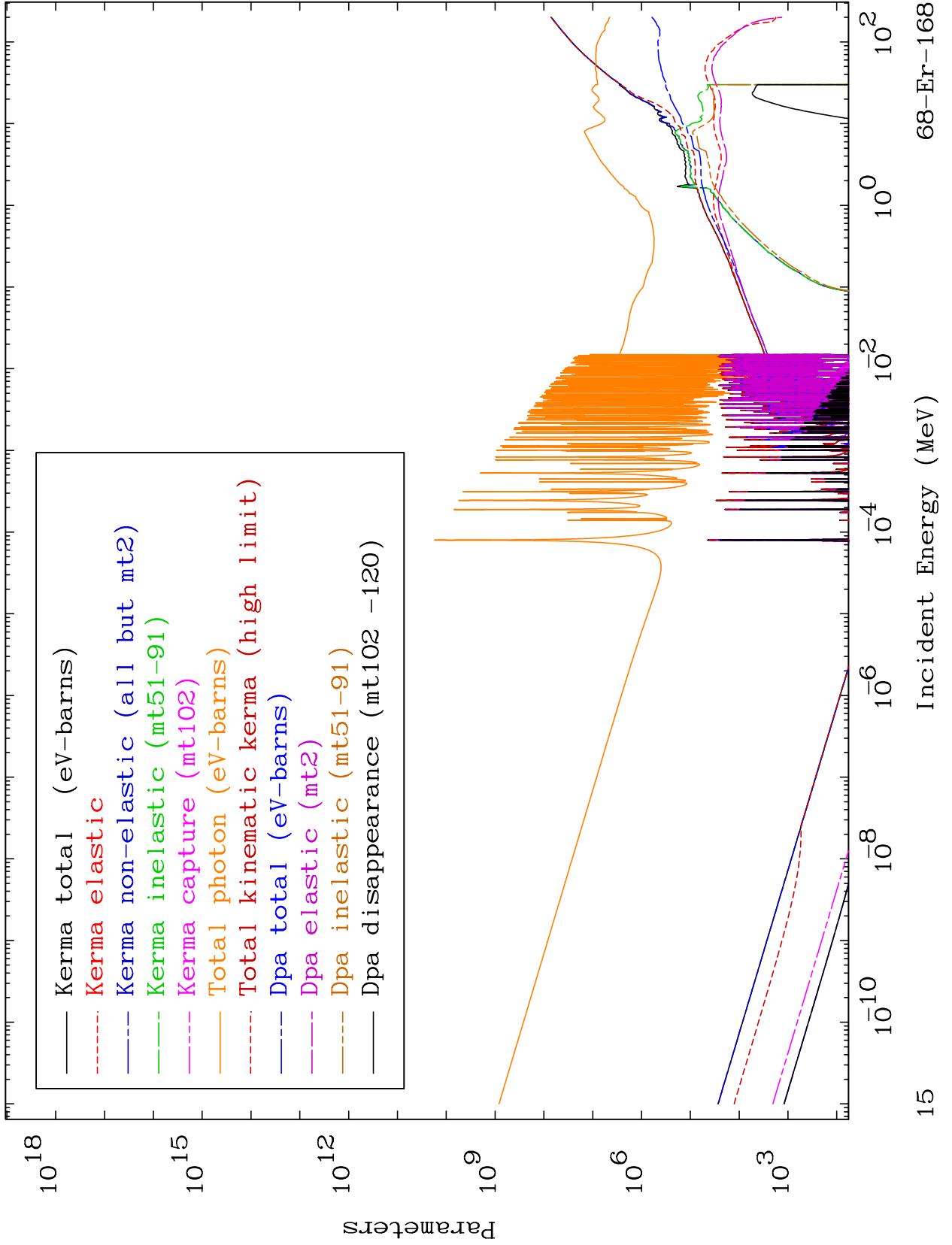
10^{-2}

10^0

10^2

14

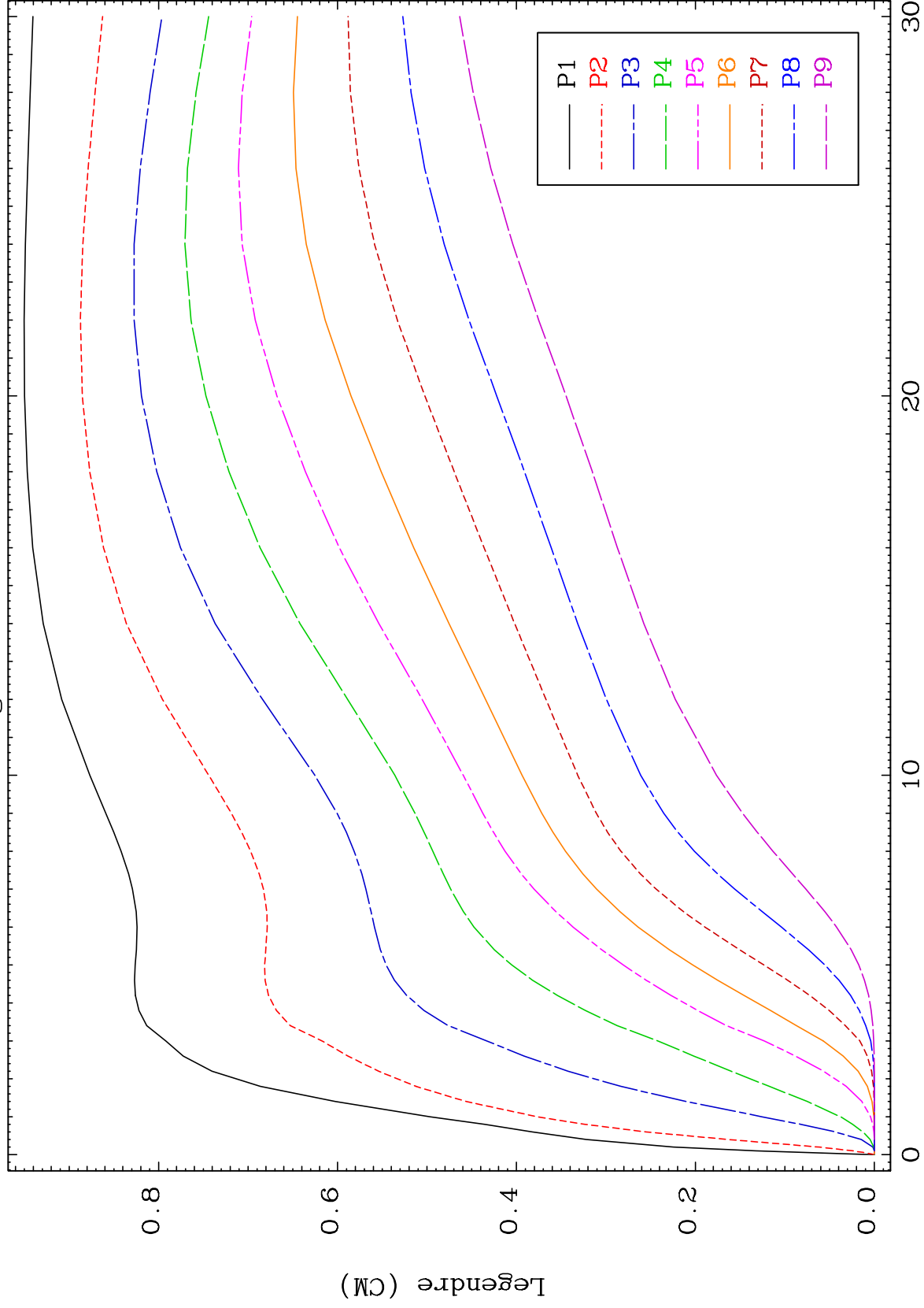
(n,α)



MAT 6843

Elastic Legendre Coefficients

68-Er-168



16

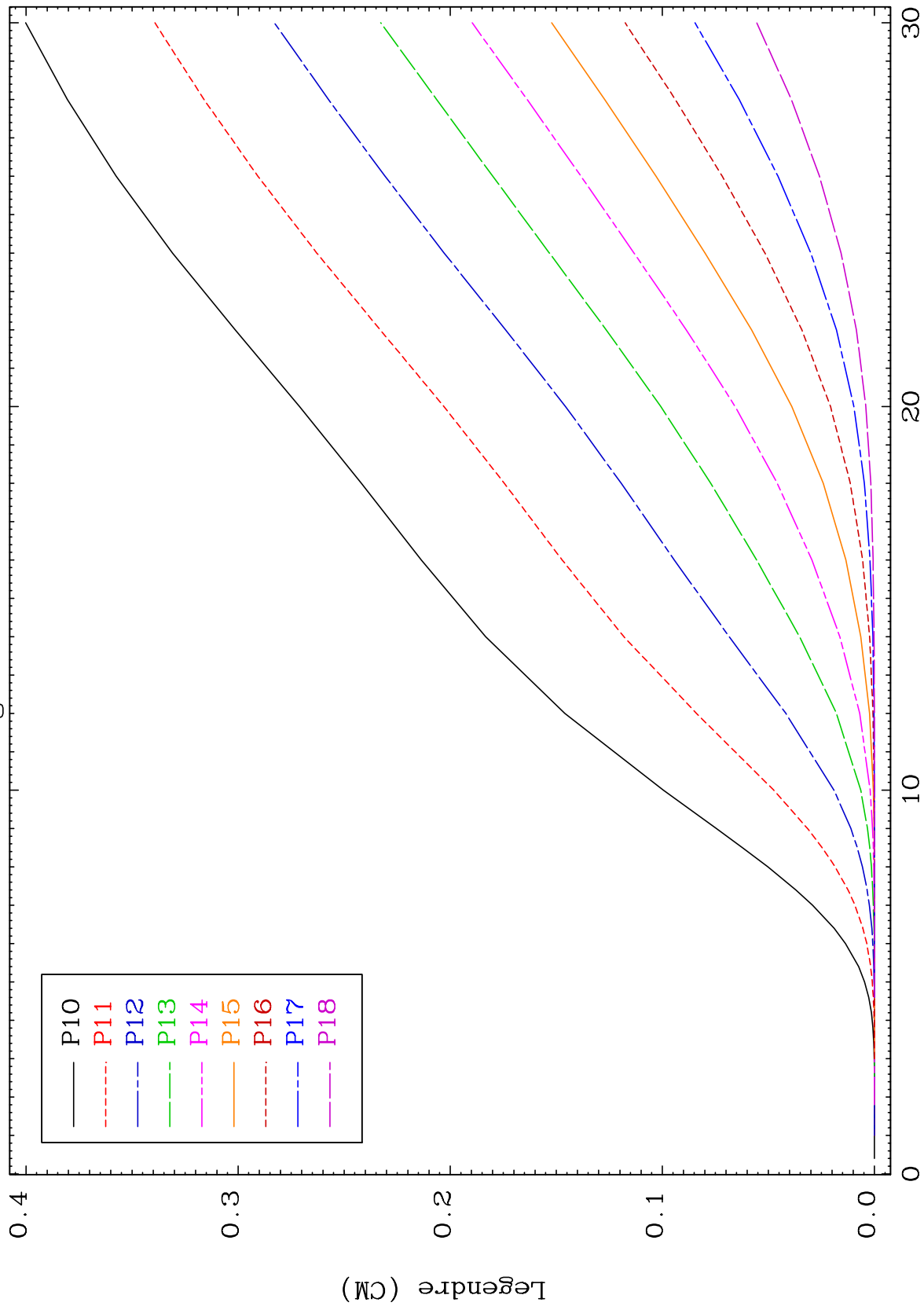
Incident Energy (MeV)

68-Er-168

MAT 6843

Elastic Legendre Coefficients

68-Er-168



17

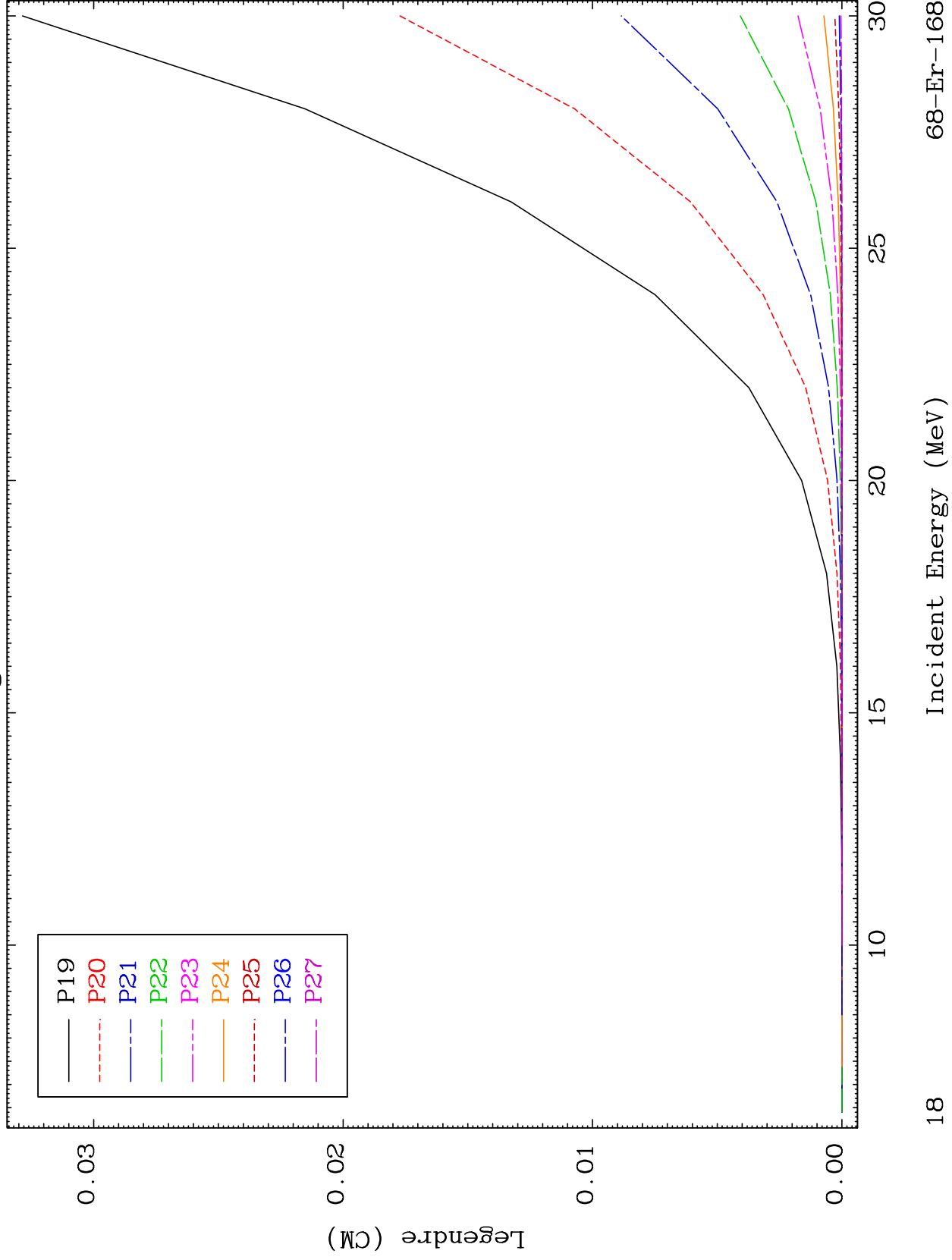
Incident Energy (MeV)

68-Er-168

MAT 6843

Elastic
Legendre Coefficients

68-Er-168



18

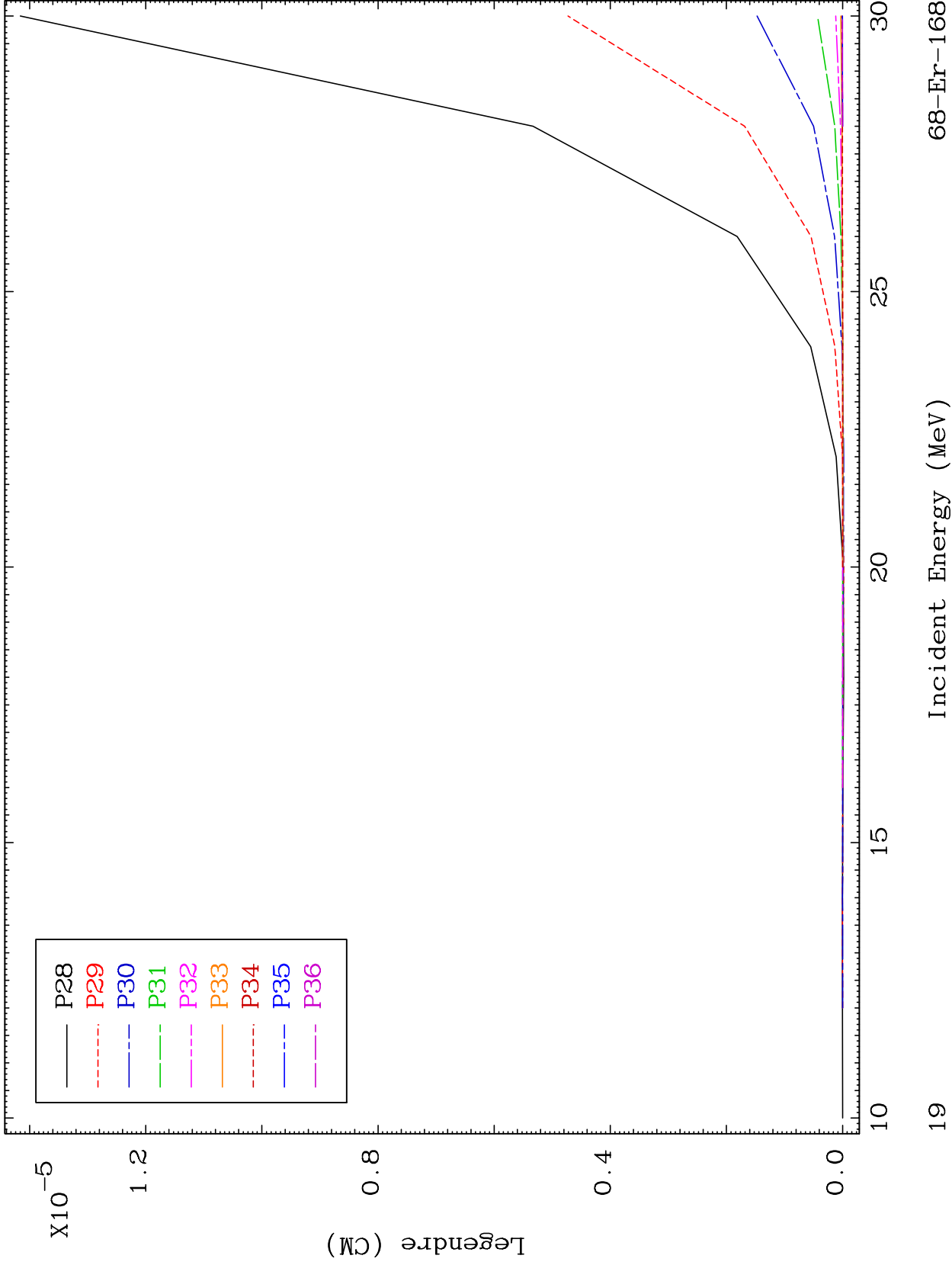
Incident Energy (MeV)

68-Er-168

MAT 6843

Elastic Legendre Coefficients

68-Er-168



19

Incident Energy (MeV)

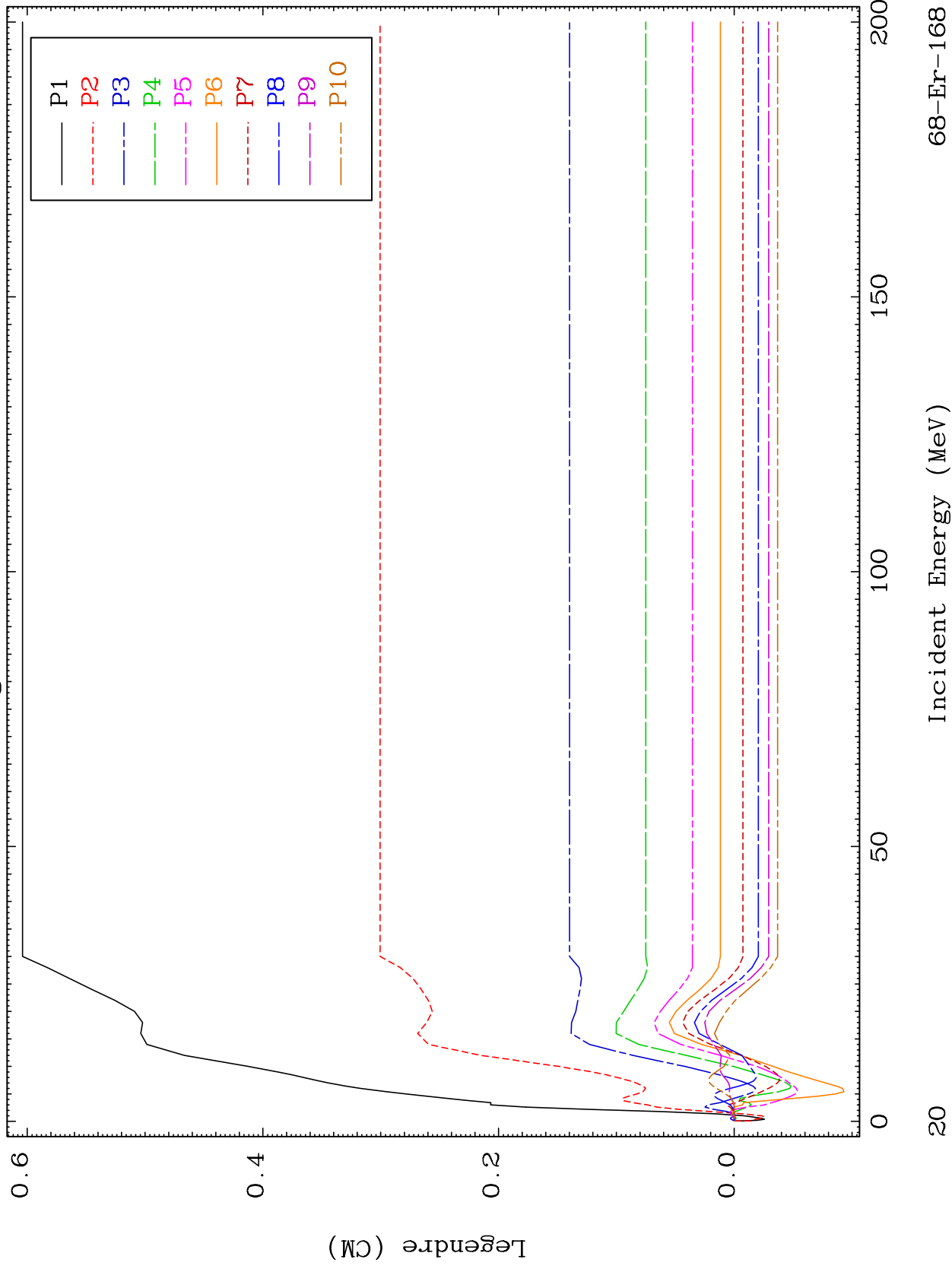
68-Er-168

MAT 6843

MT= 51 (n,n') Level

68-Er-168

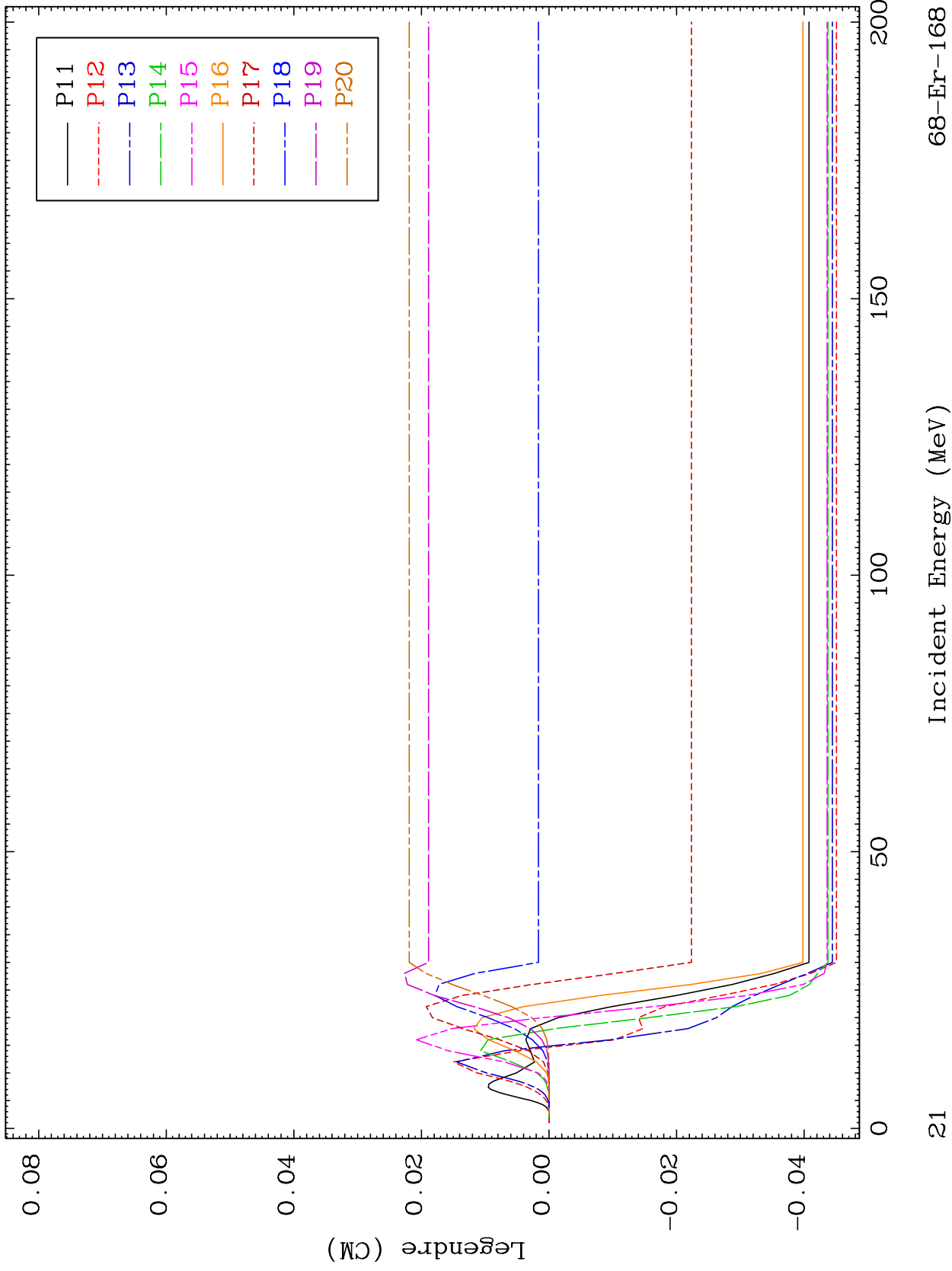
Legendre Coefficients



MAT 6843

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

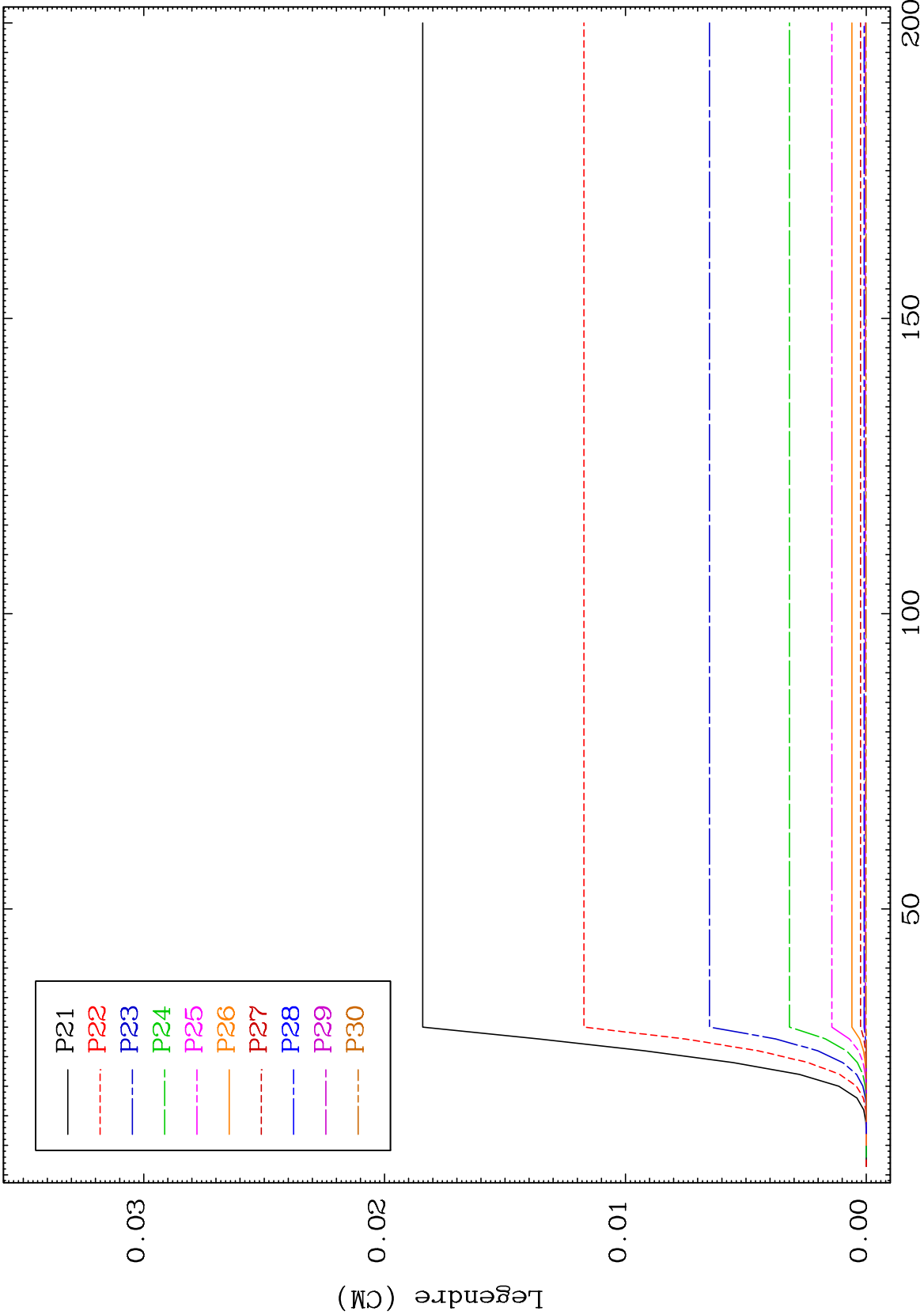
68-Er-168



MAT 6843

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

68-Er-168



22

Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168

$\times 10^{-6}$

4

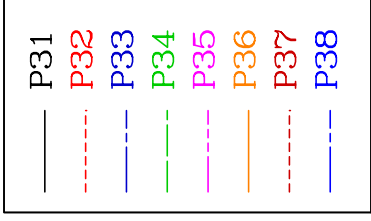
3

2

1

0

Legendre (CM)



50

100

150

200

23

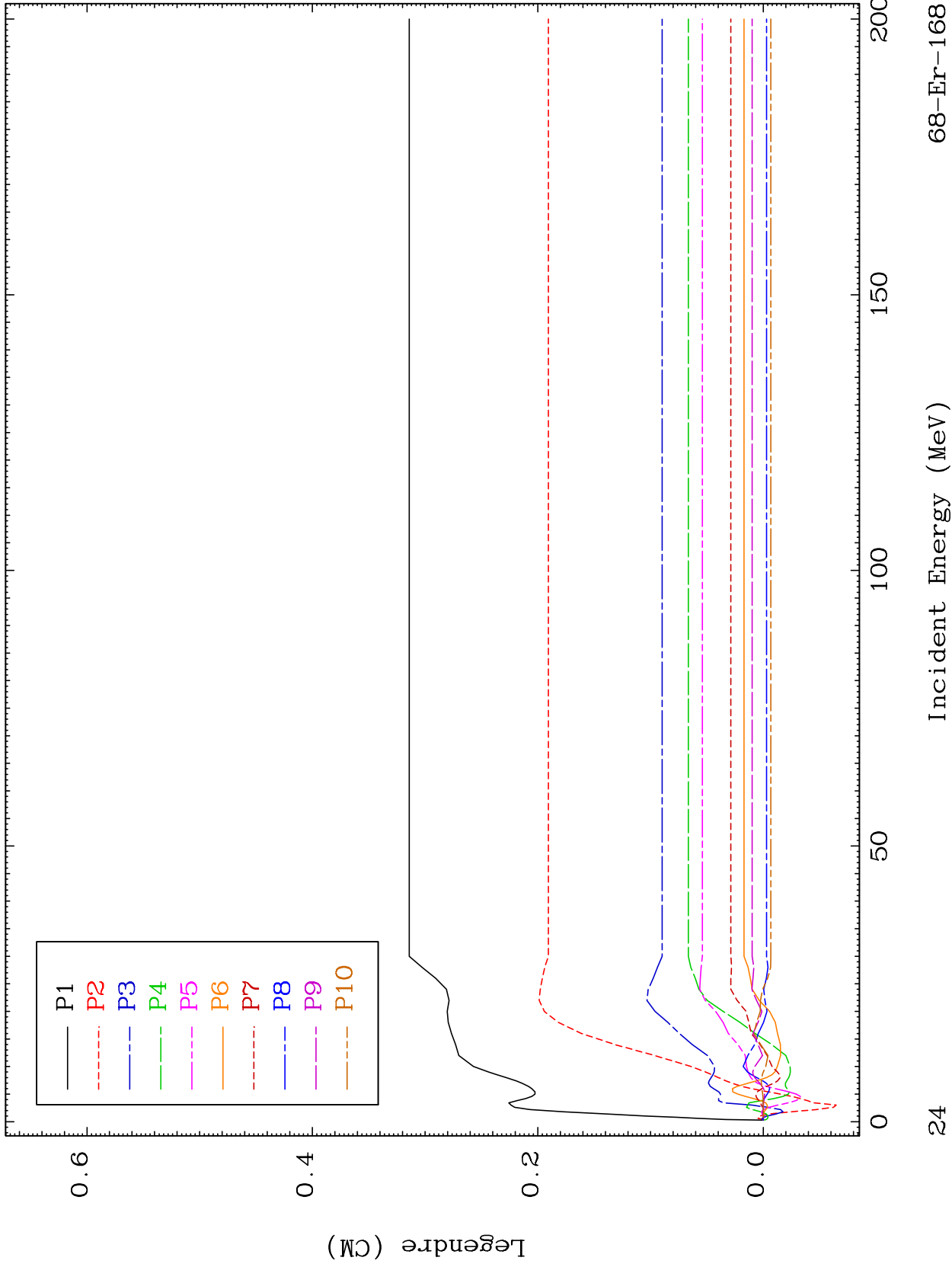
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



24

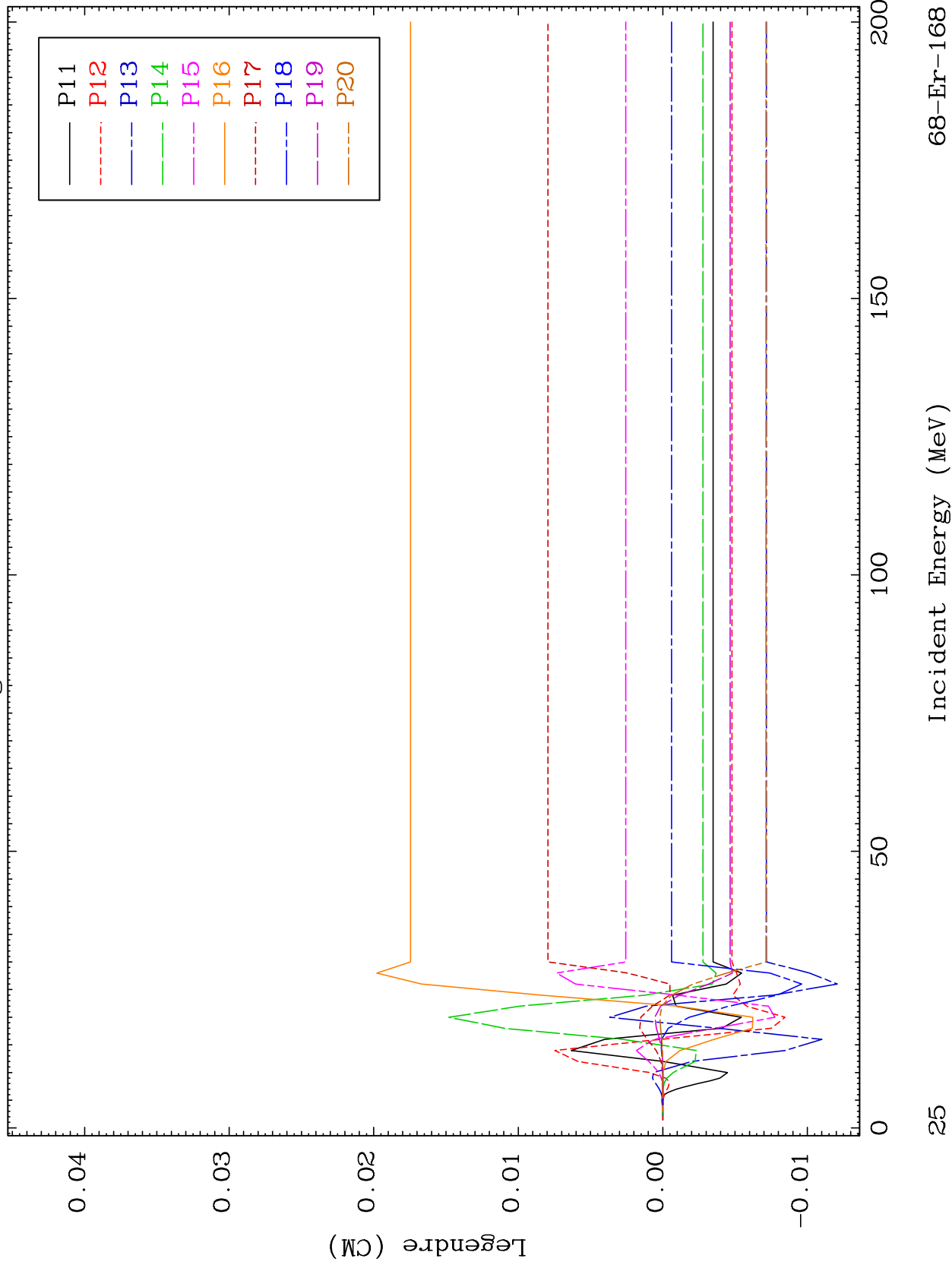
Incident Energy (MeV)

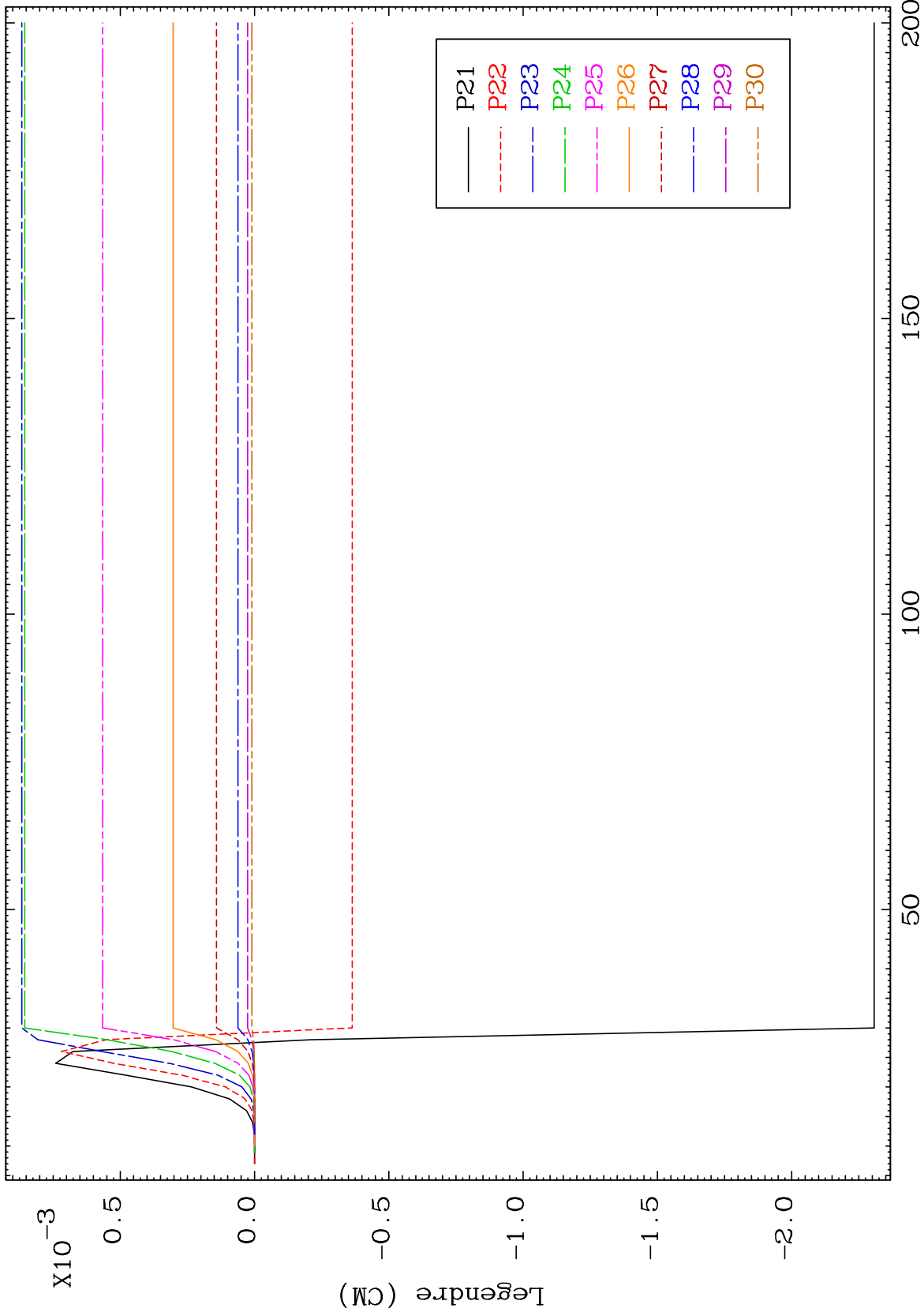
68-Er-168

MAT 6843

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

68-Er-168

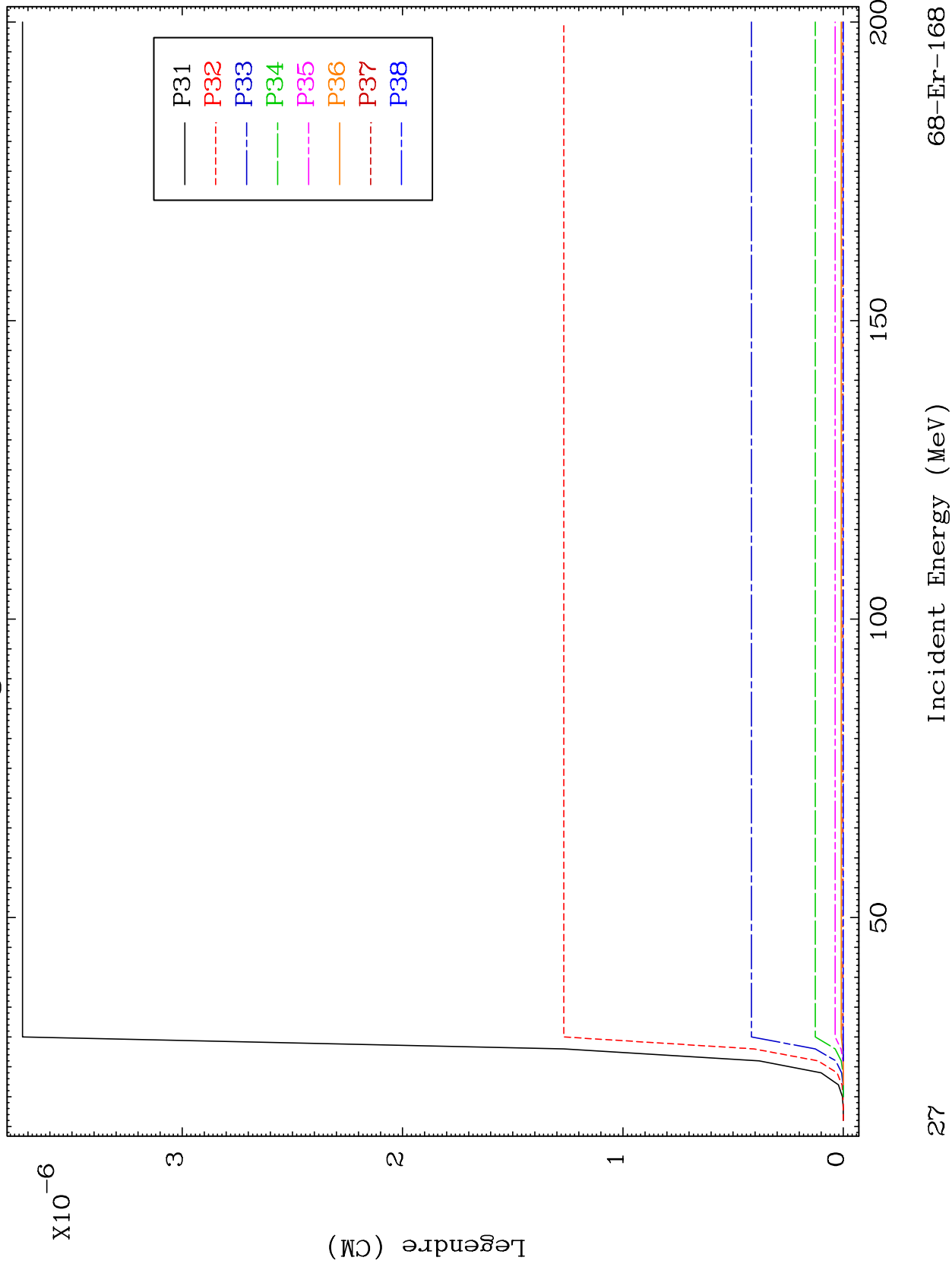




MAT 6843

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

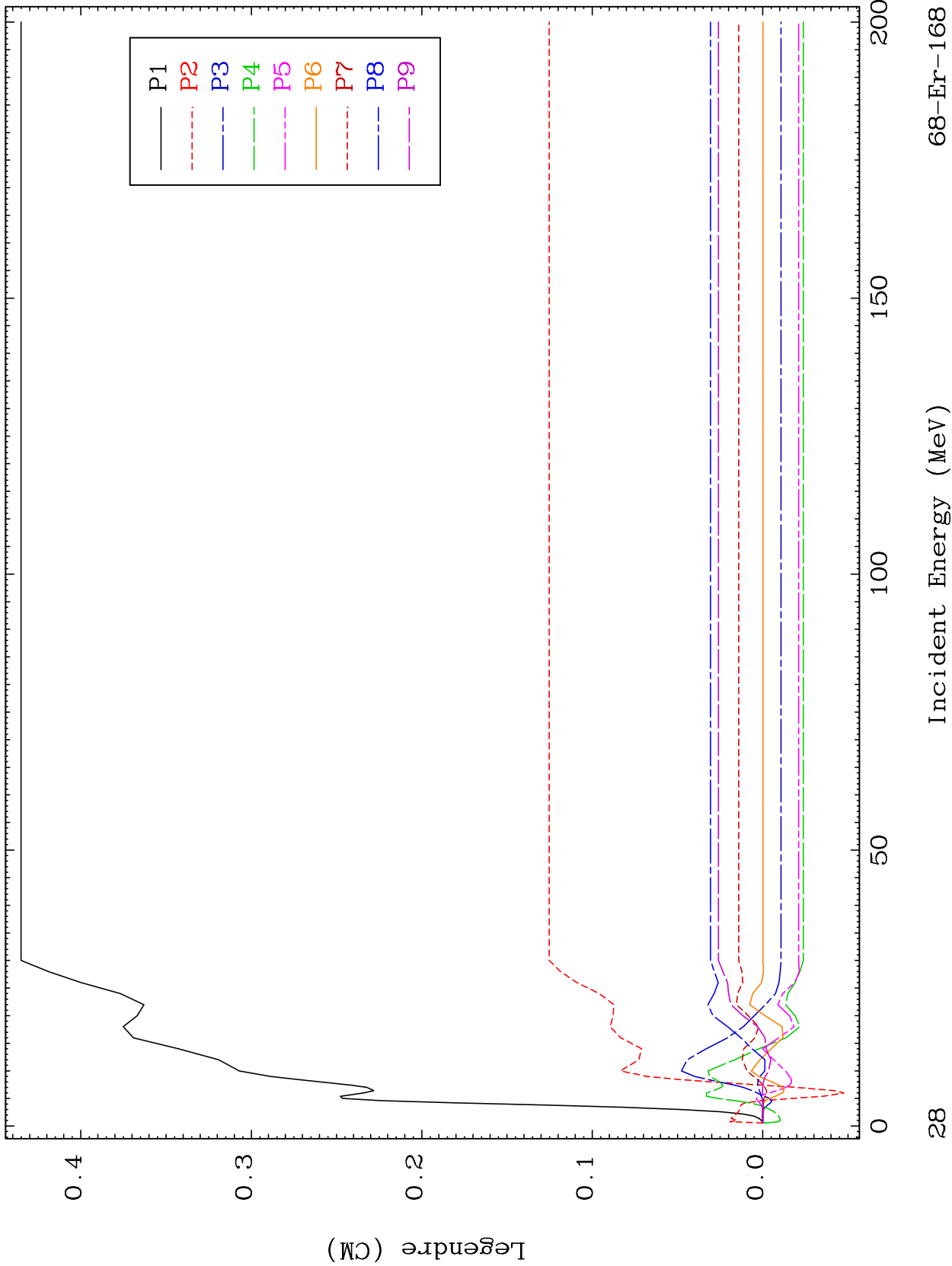
68-Er-168



MAT 6843

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

68-Er-168



68-Er-168

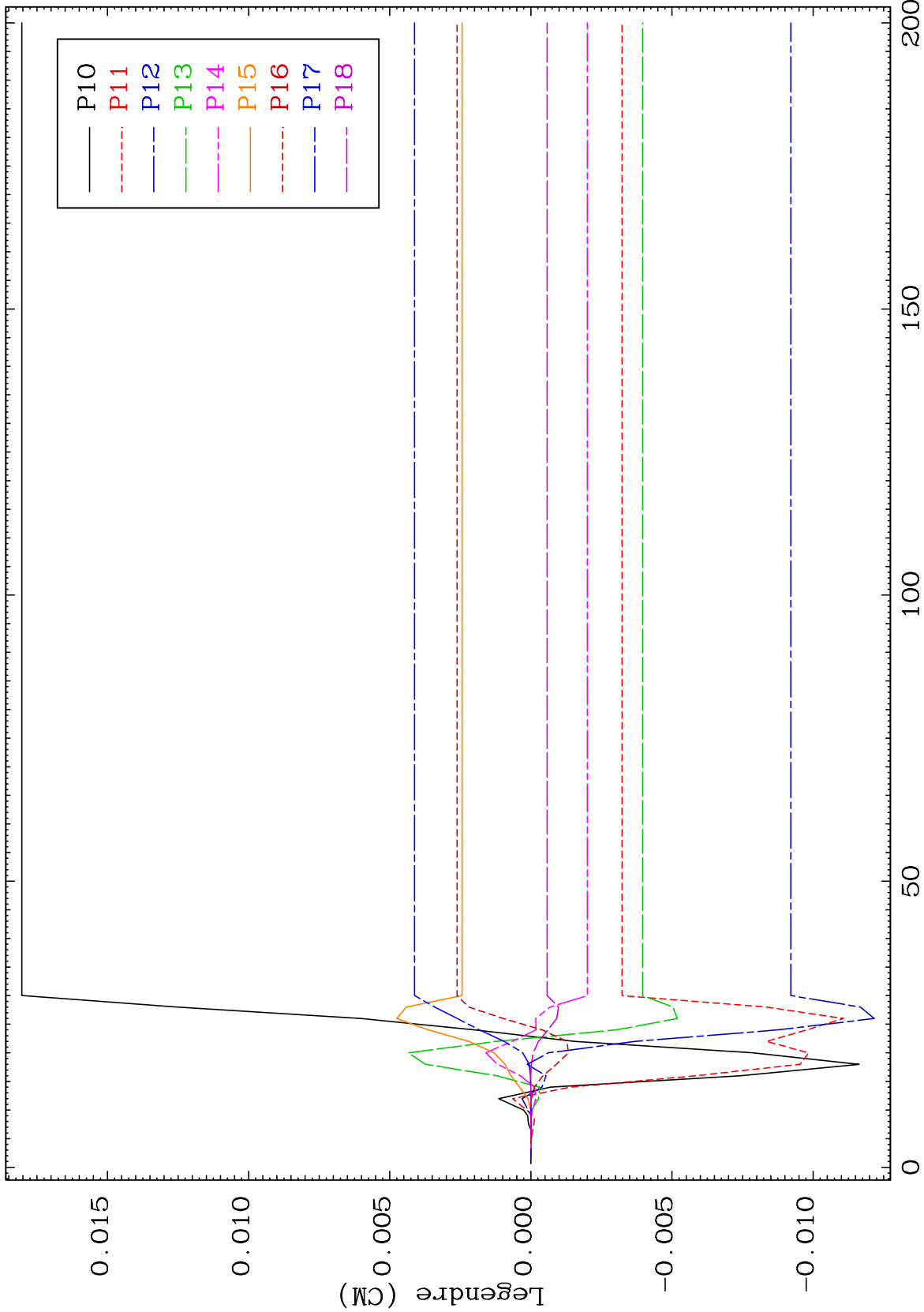
Incident Energy (MeV)

28

MAT 6843

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

68-Er-168



29

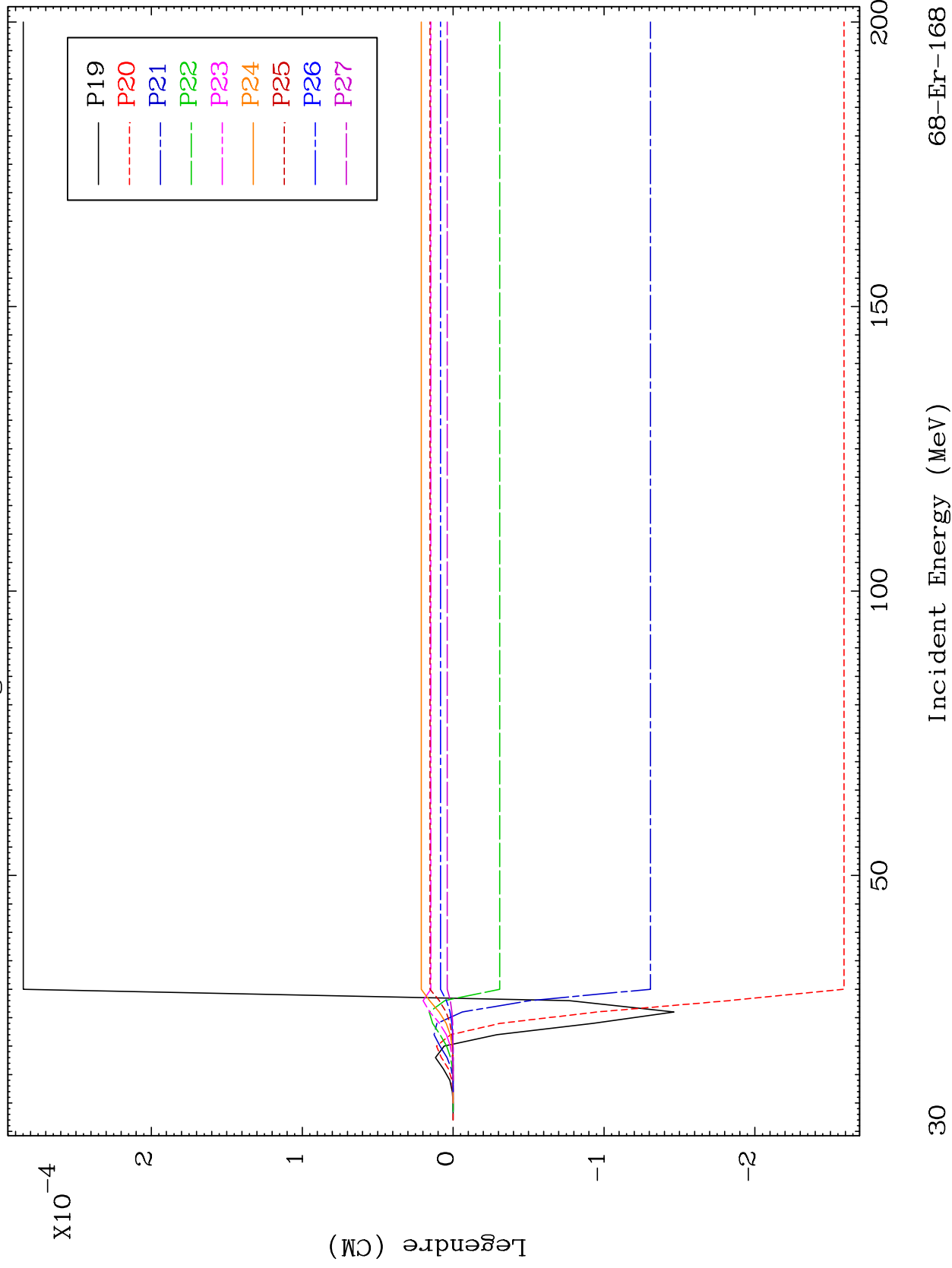
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



30

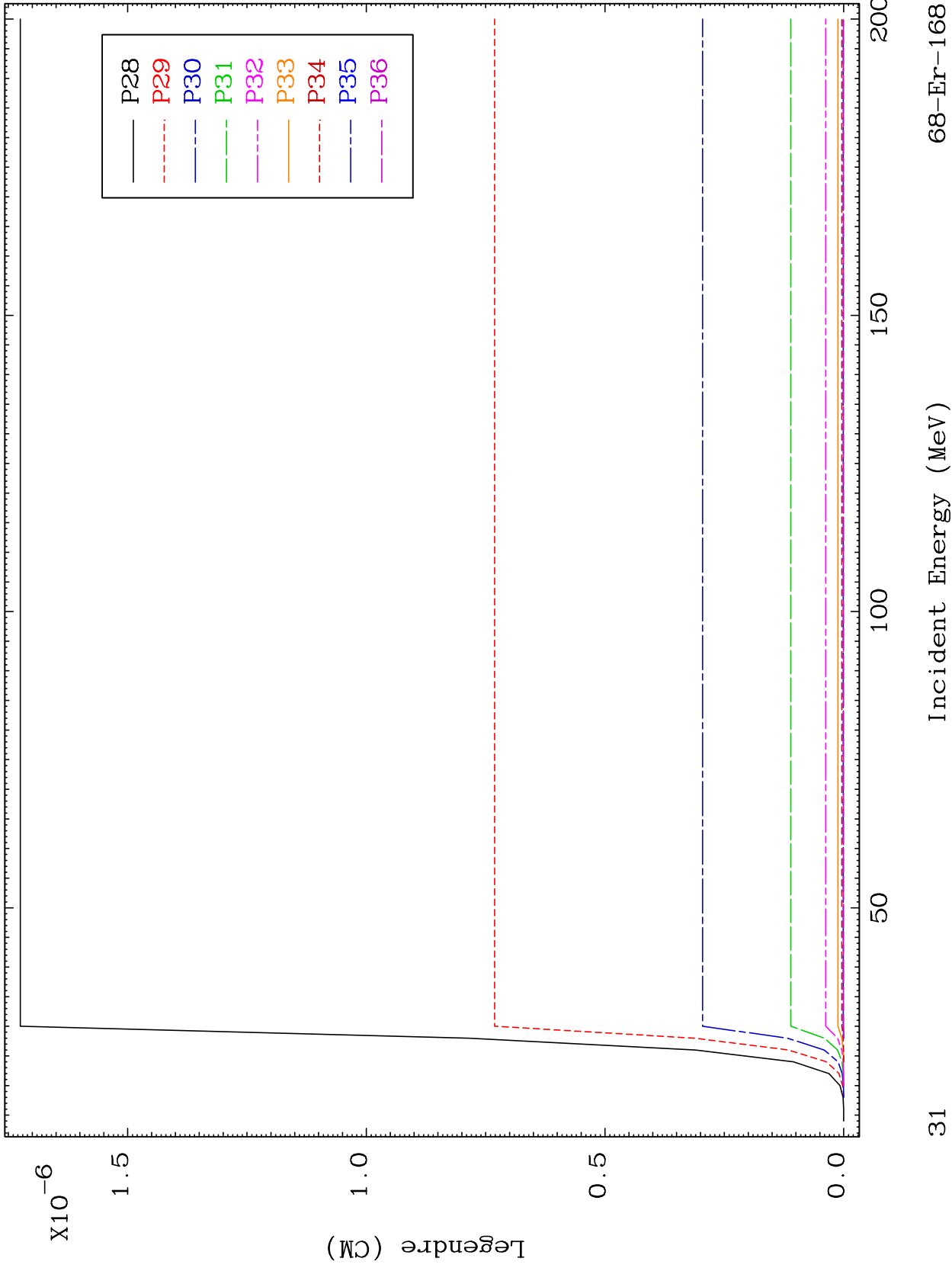
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168

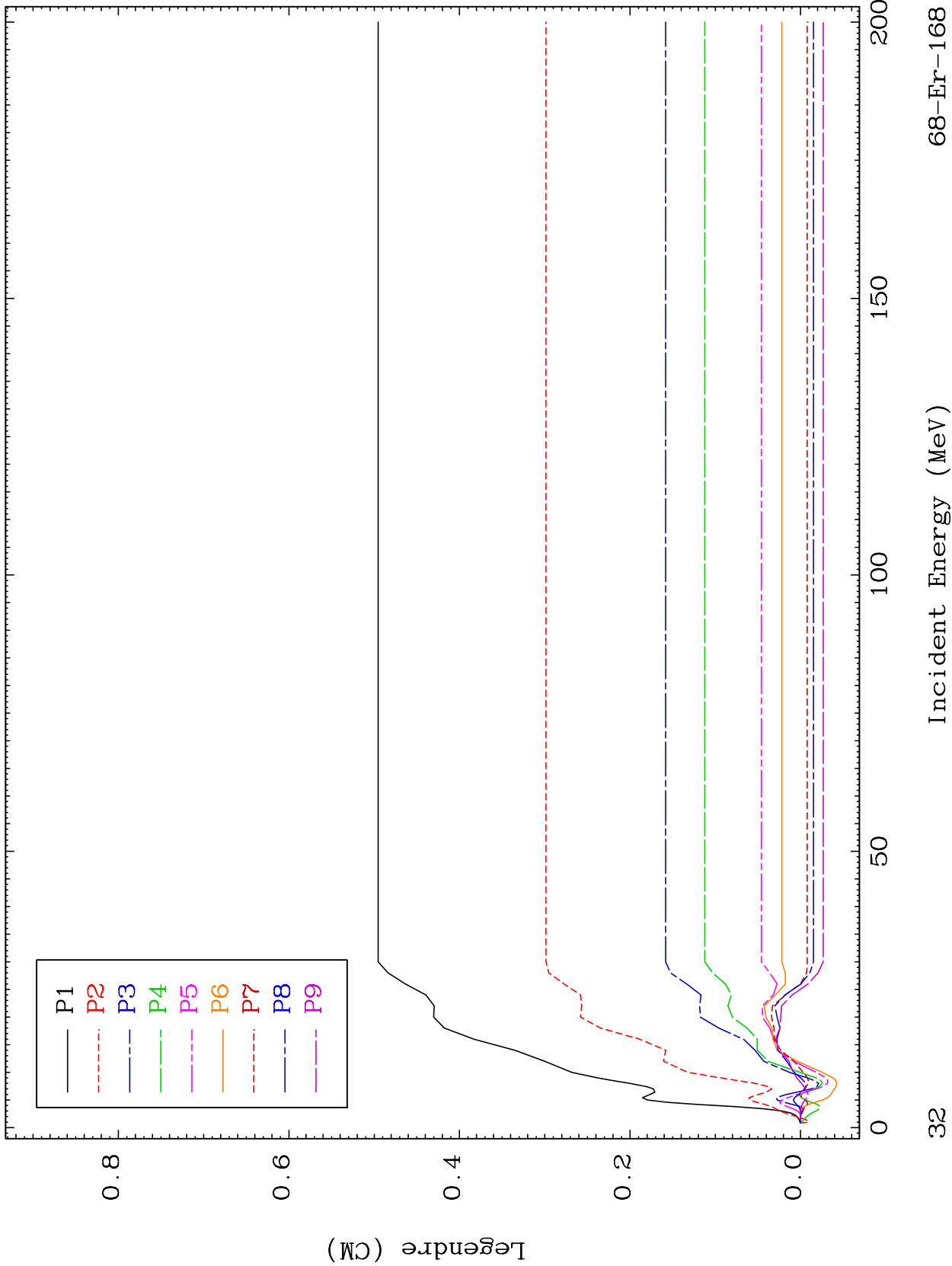


31

MAT 6843

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

68-Er-168



32

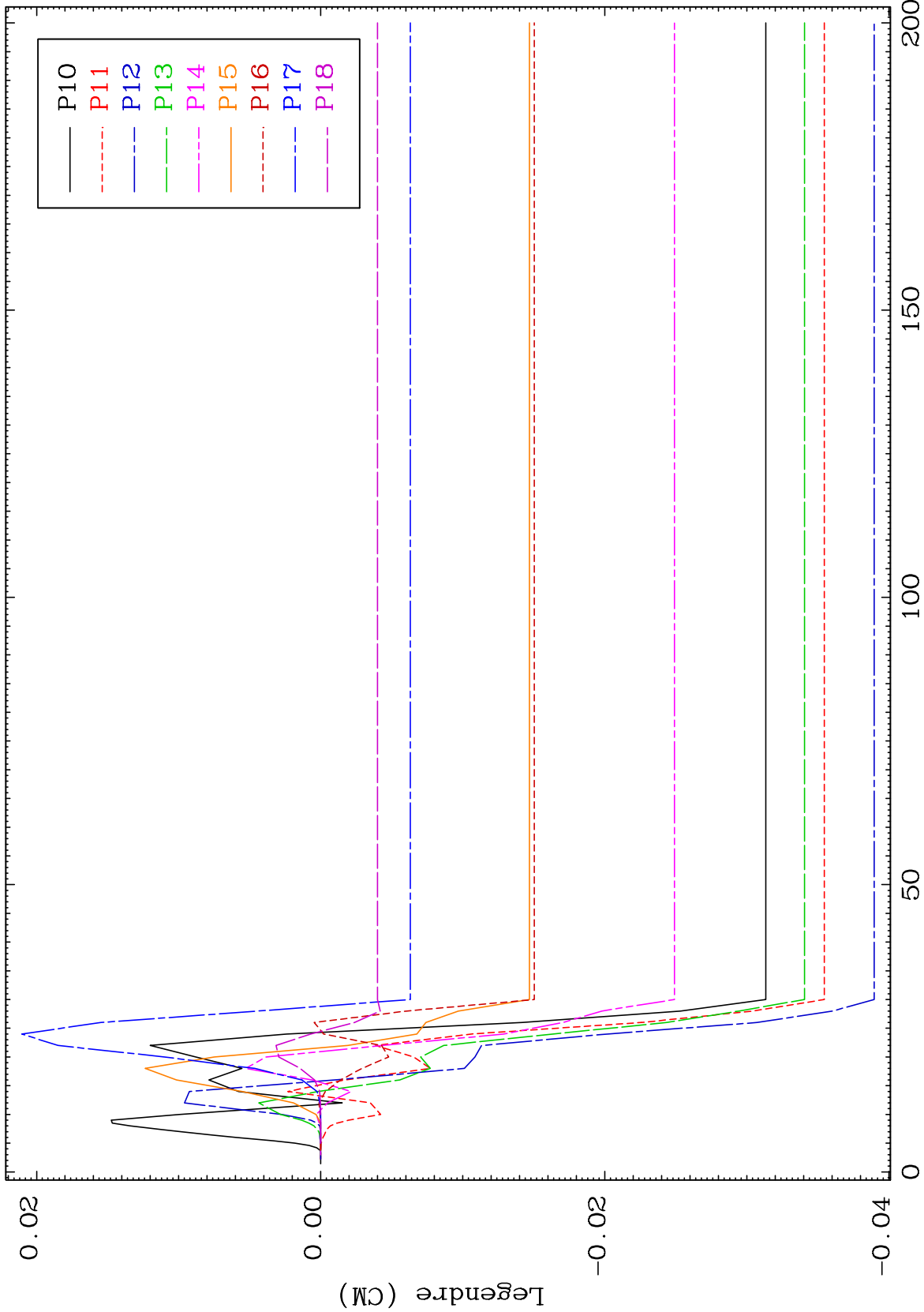
Incident Energy (MeV)

68-Er-168

MAT 6843

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

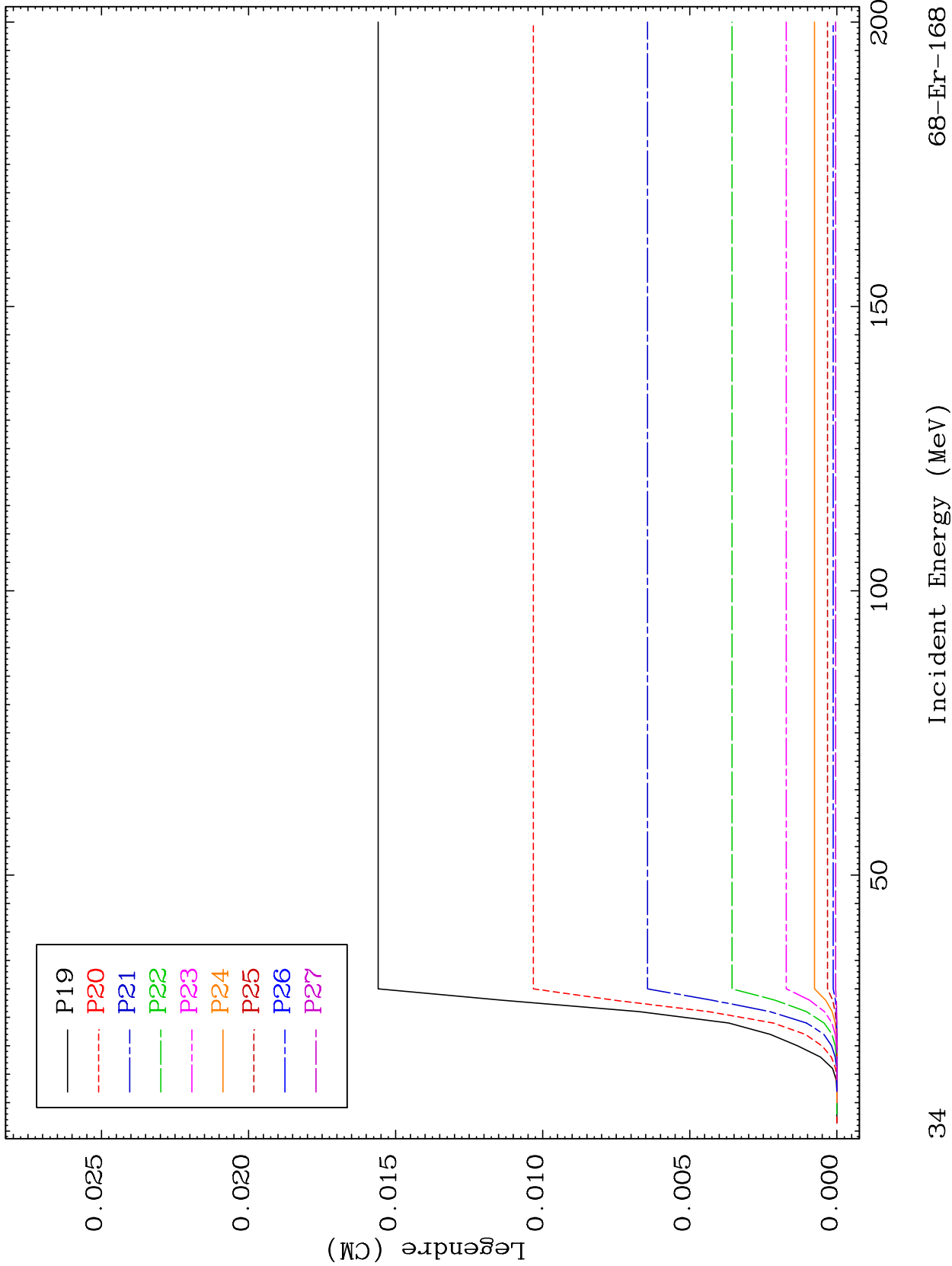
68-Er-168



33

Incident Energy (MeV)

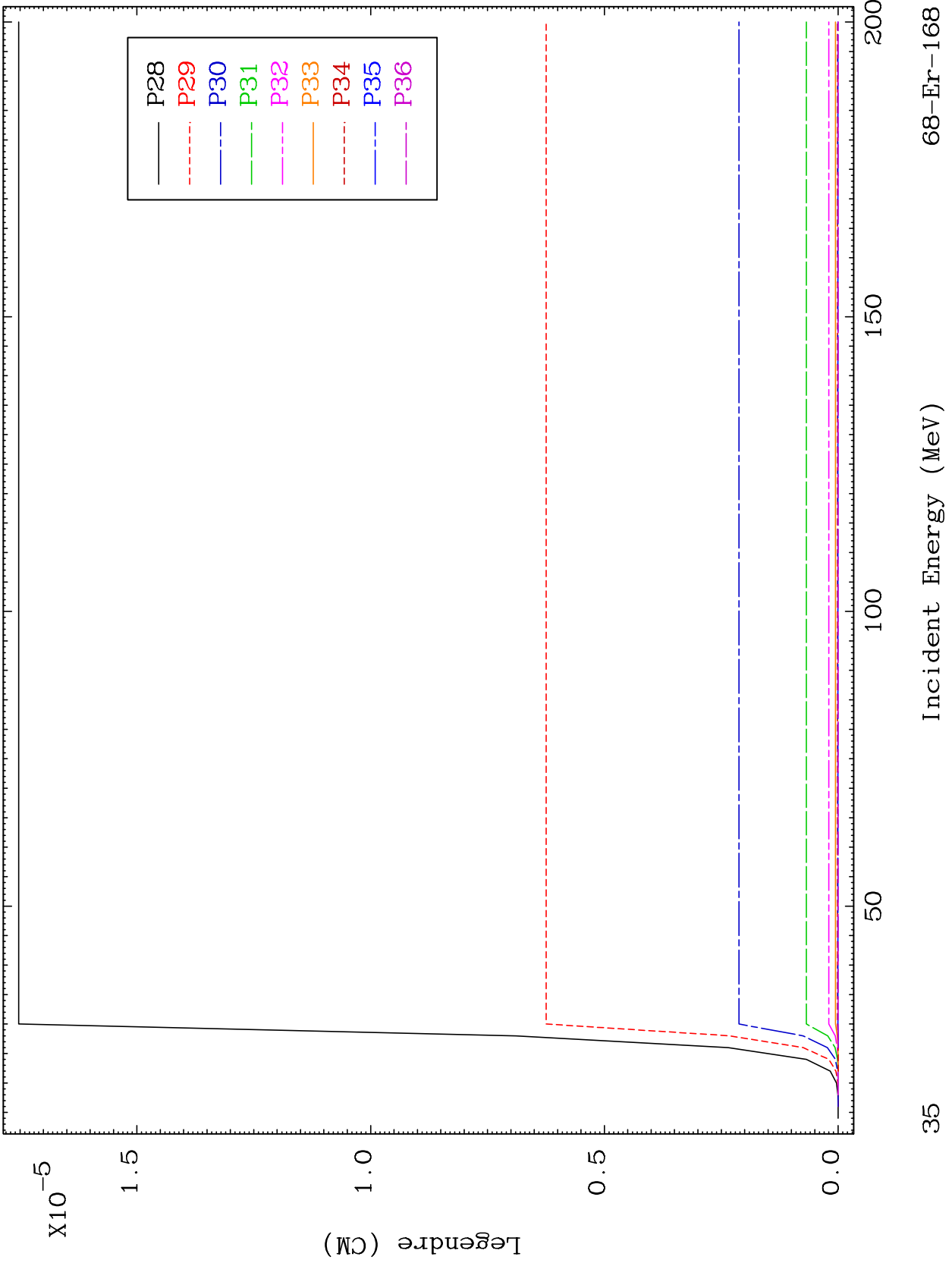
68-Er-168



MAT 6843

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

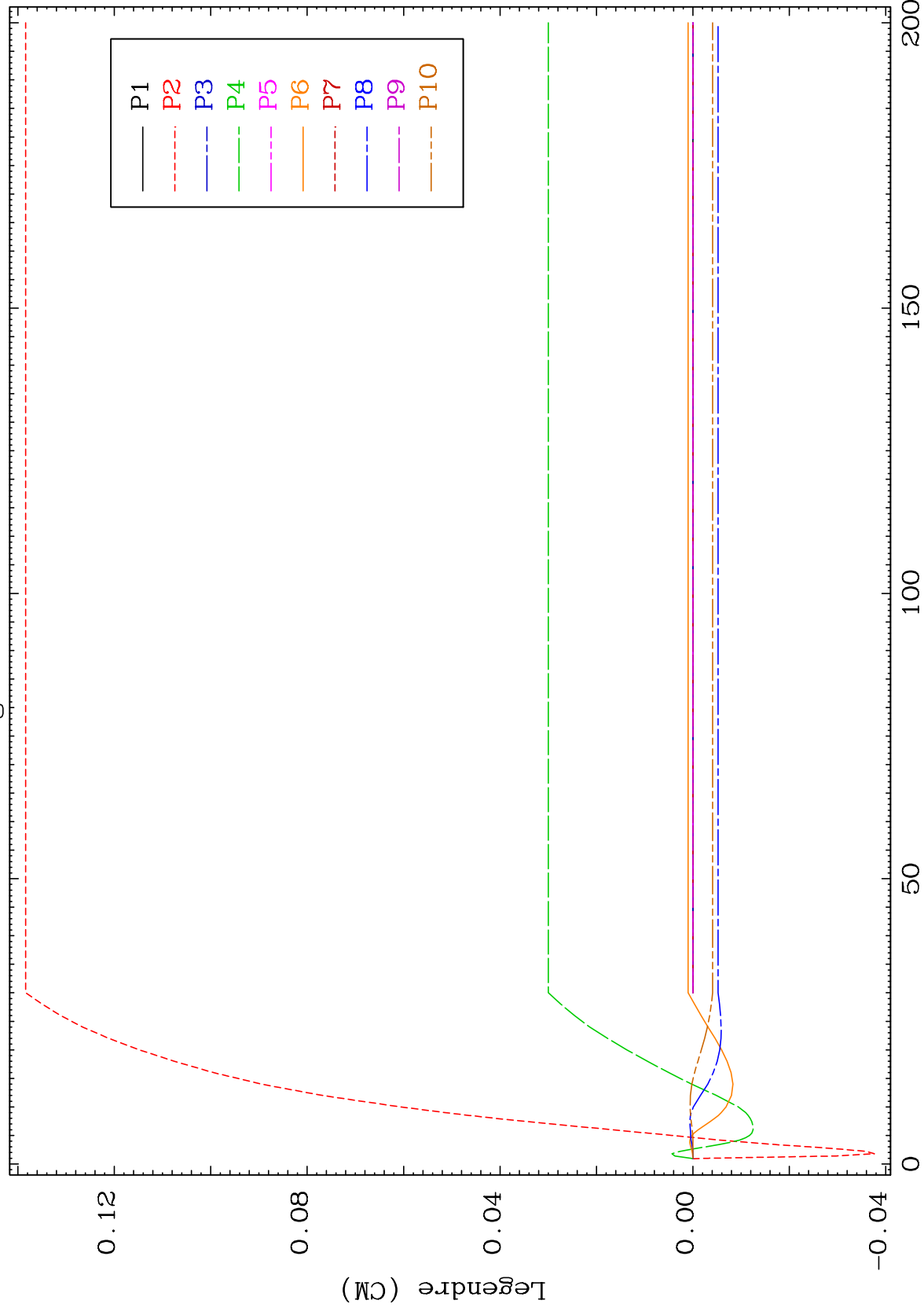
68-Er-168



MAT 6843

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

68-Er-168



68-Er-168

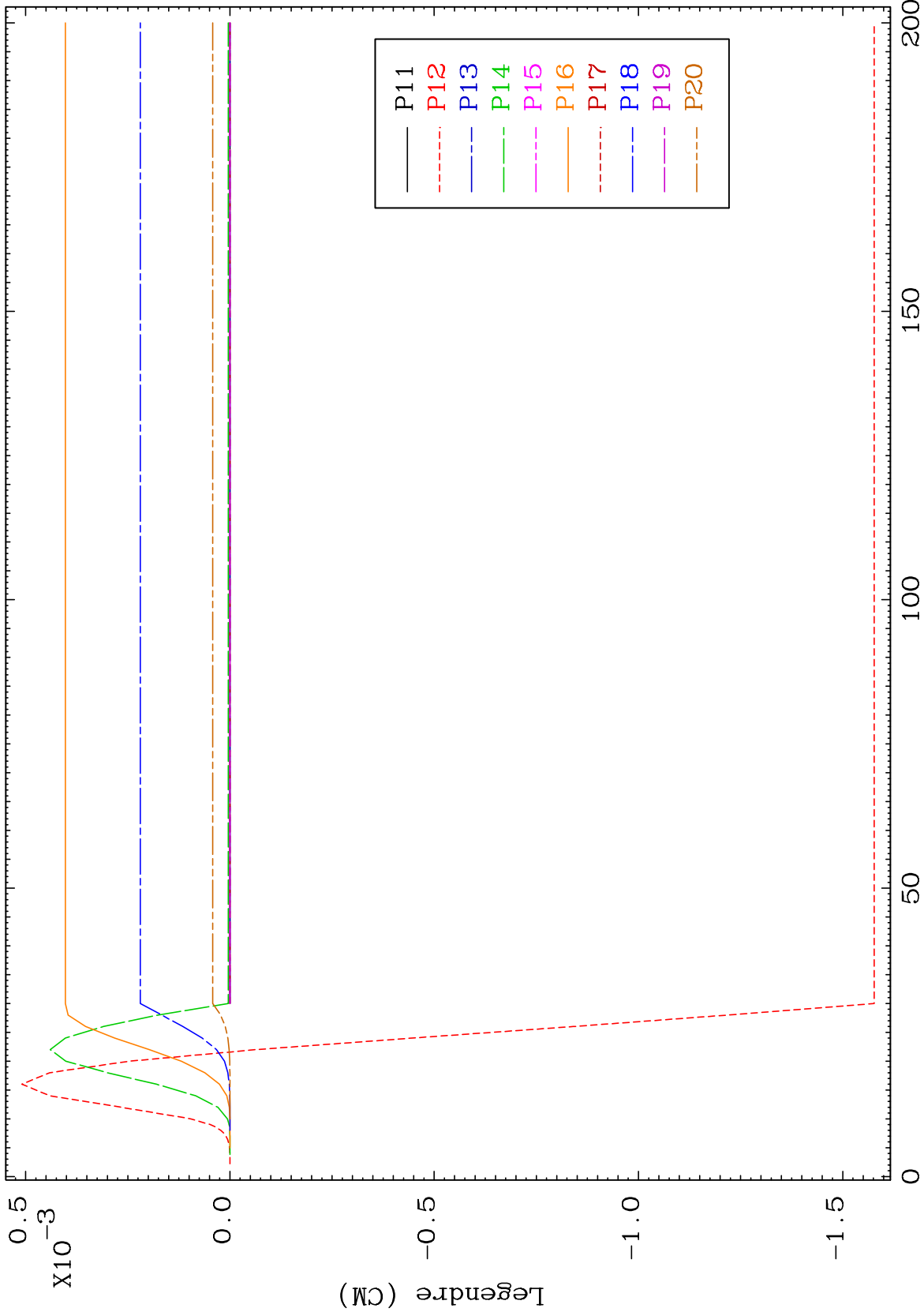
Incident Energy (MeV)

36

MAT 6843

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

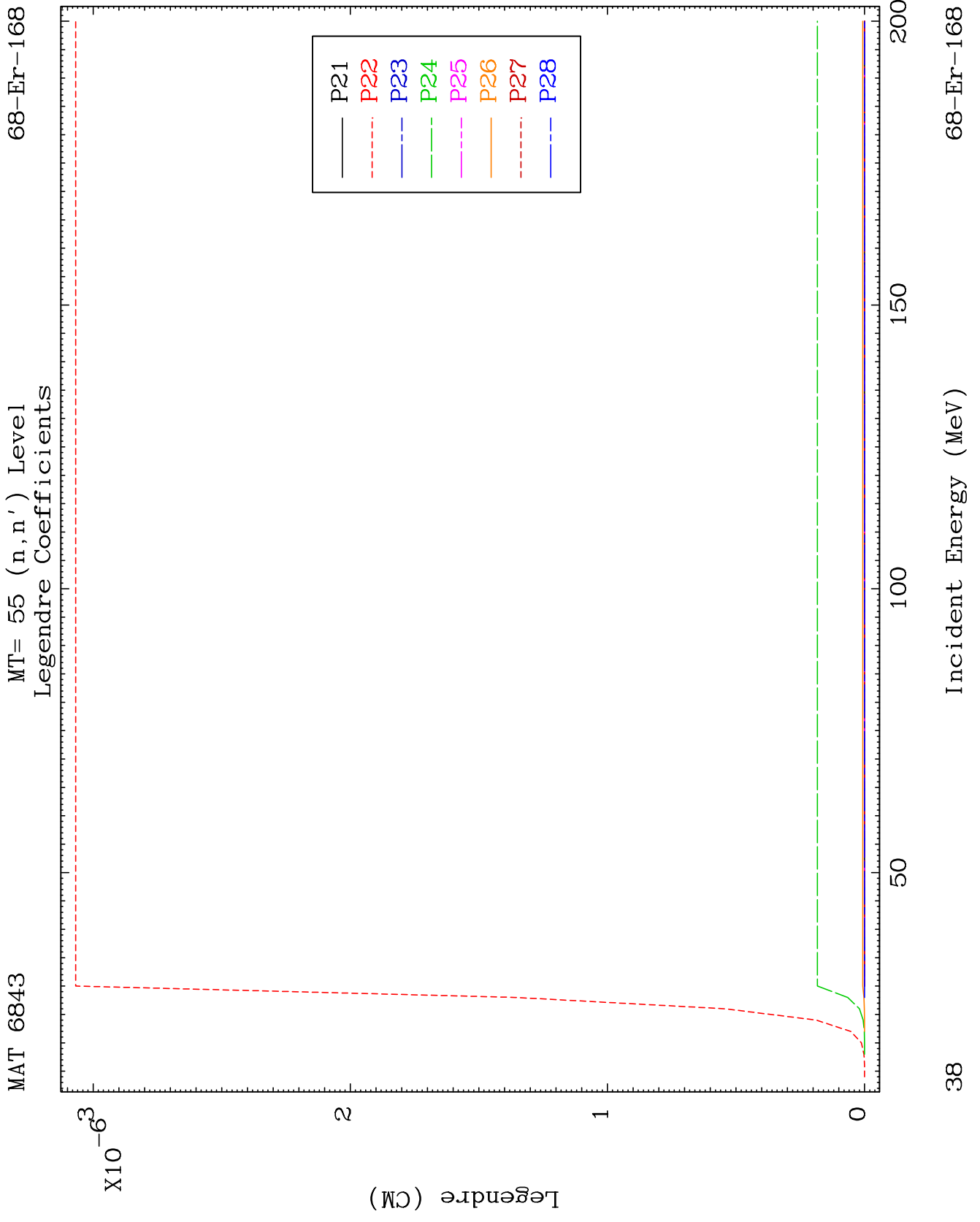
68-Er-168



37

Incident Energy (MeV)

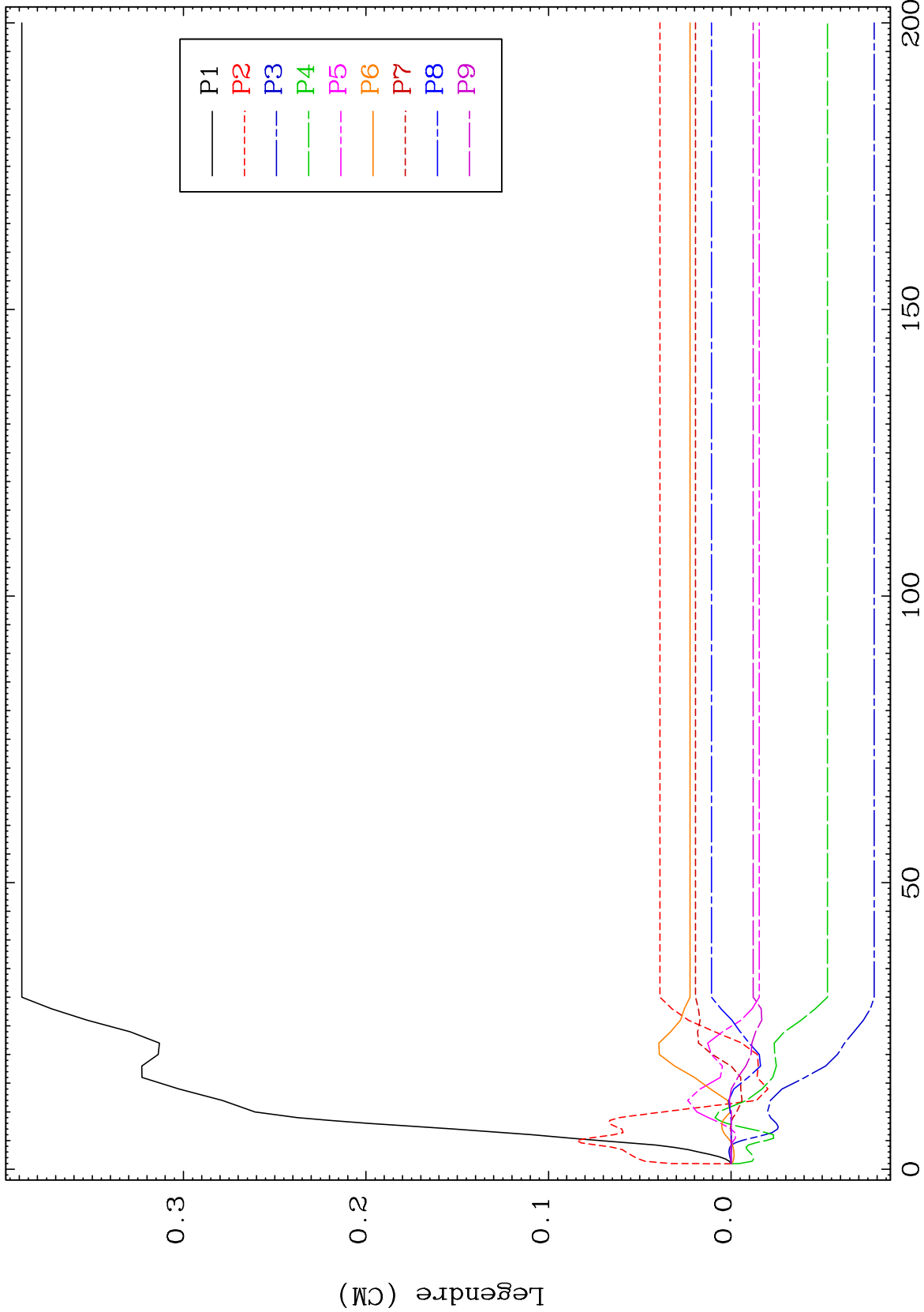
68-Er-168



MAT 6843

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

68-Er-168



39

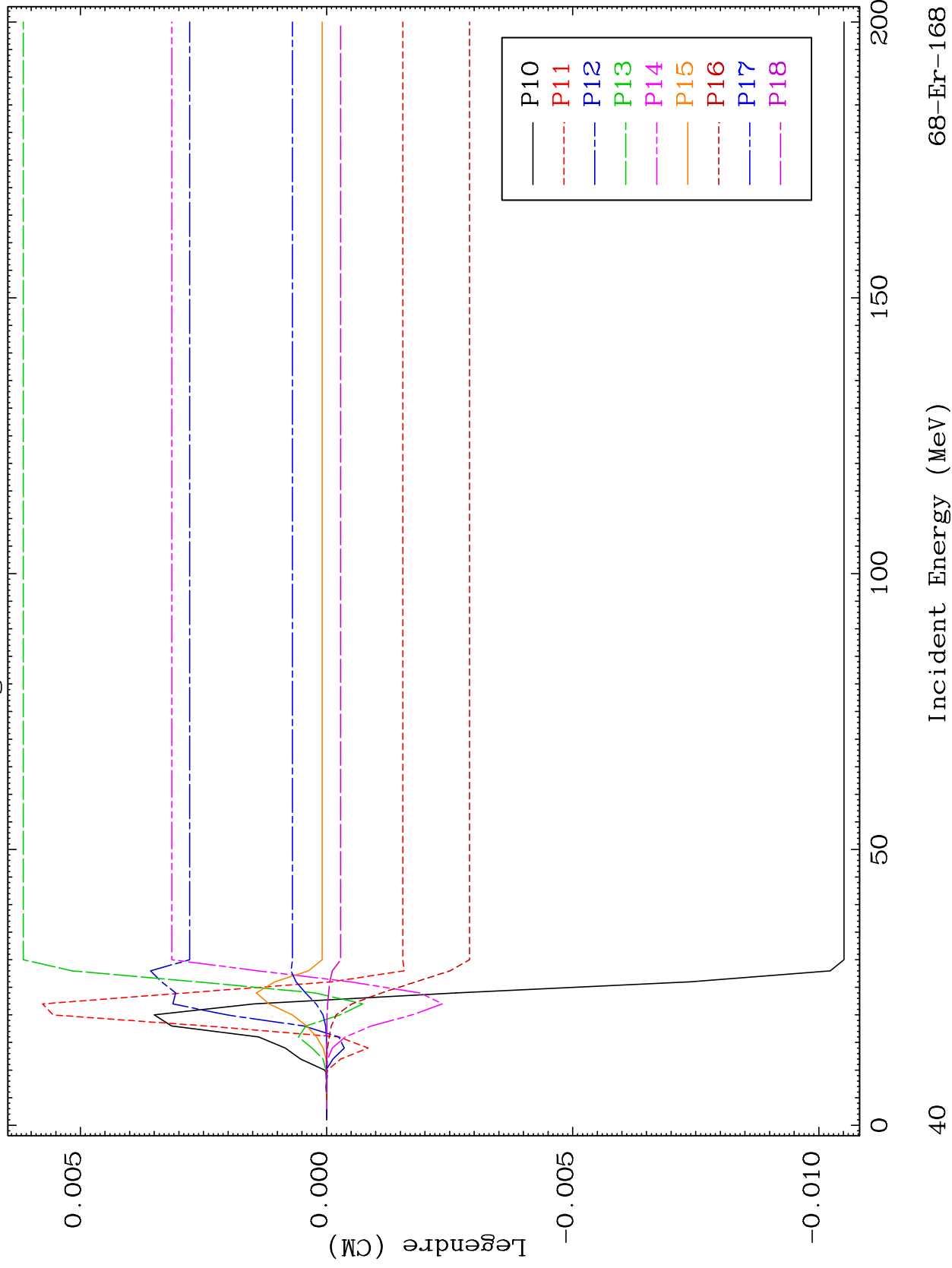
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



68-Er-168

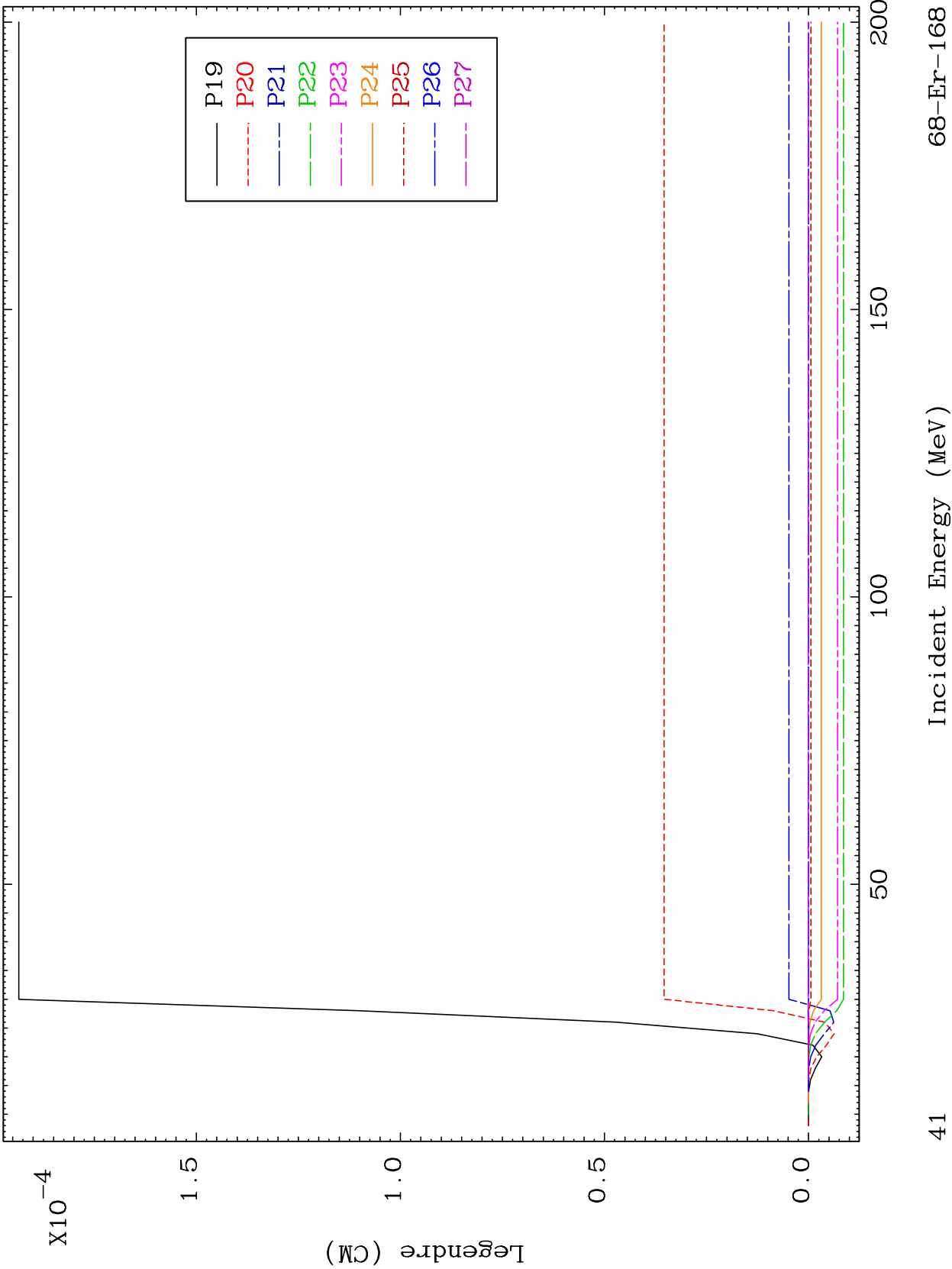
Incident Energy (MeV)

40

MAT 6843

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

68-Er-168



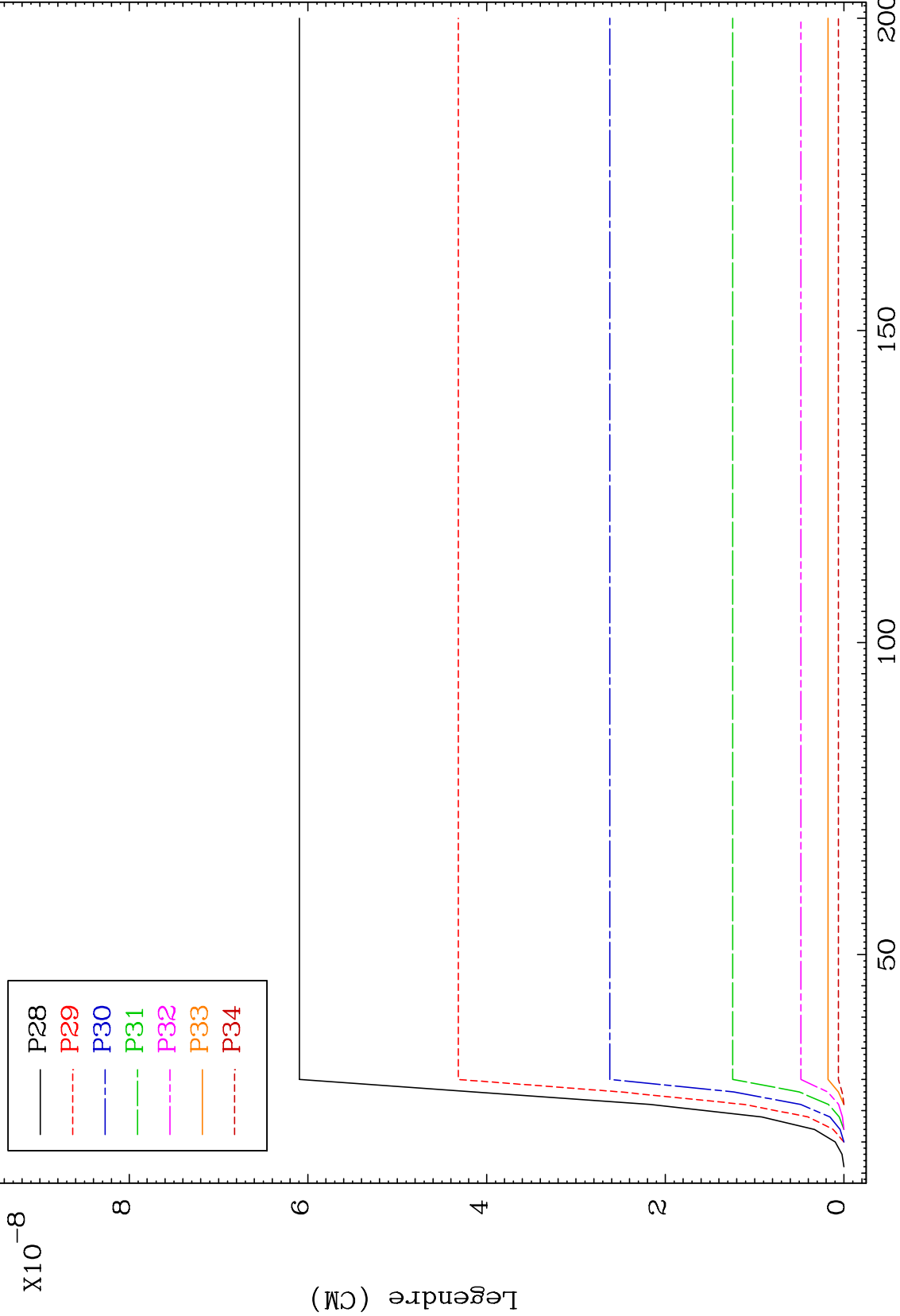
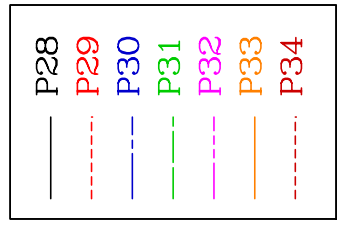
41

68-Er-168

MAT 6843

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

68-Er-168



42

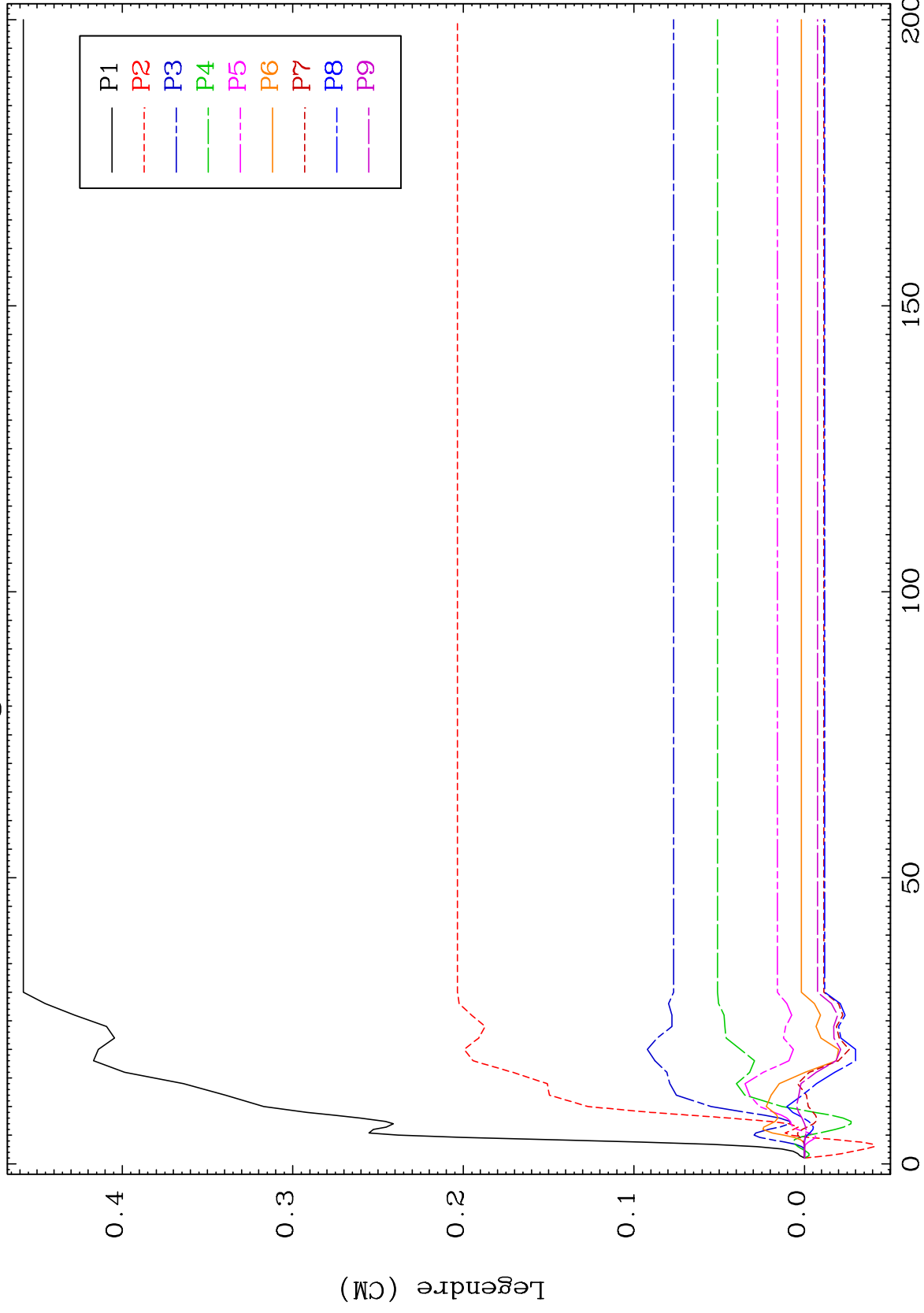
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



43

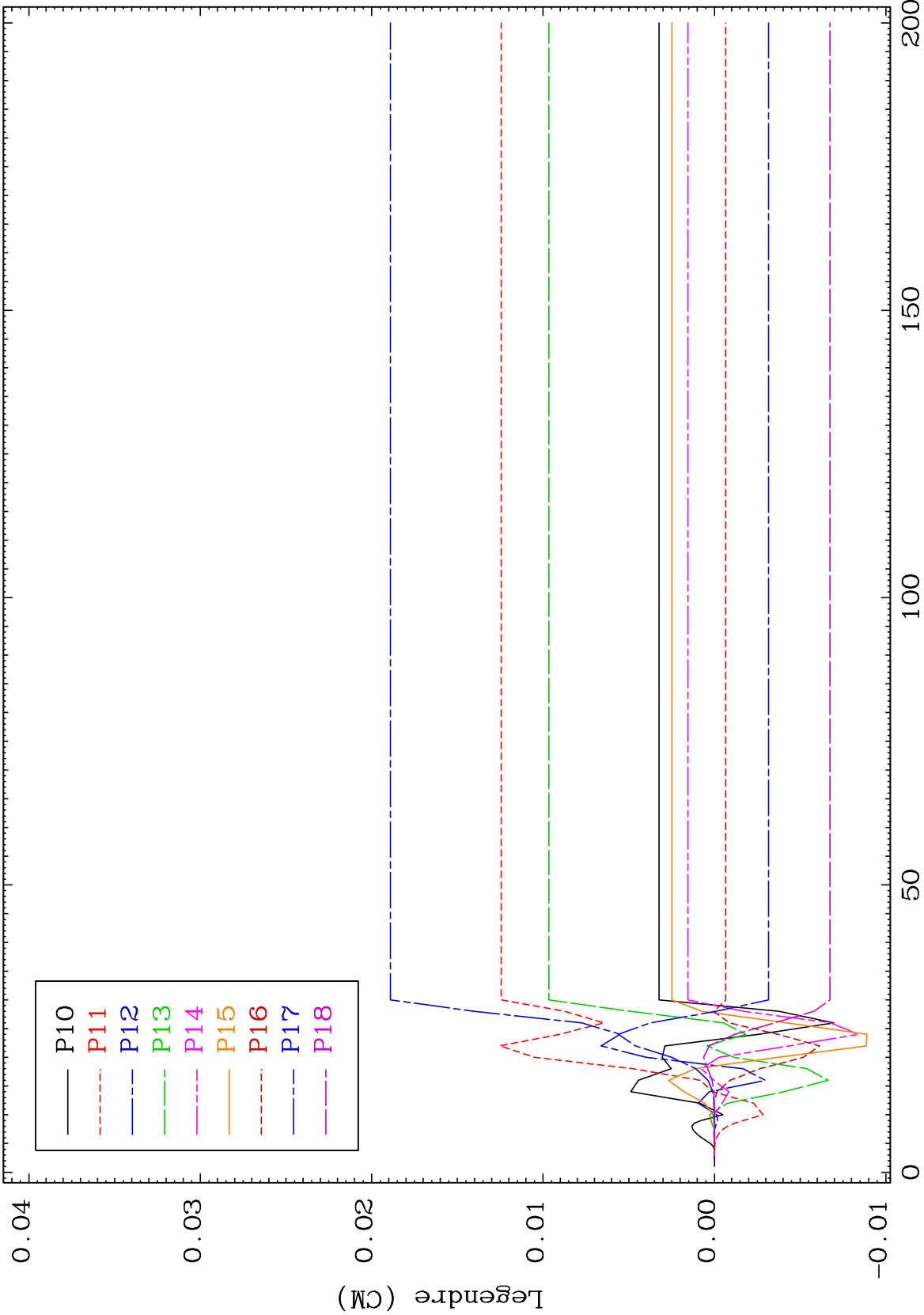
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



44

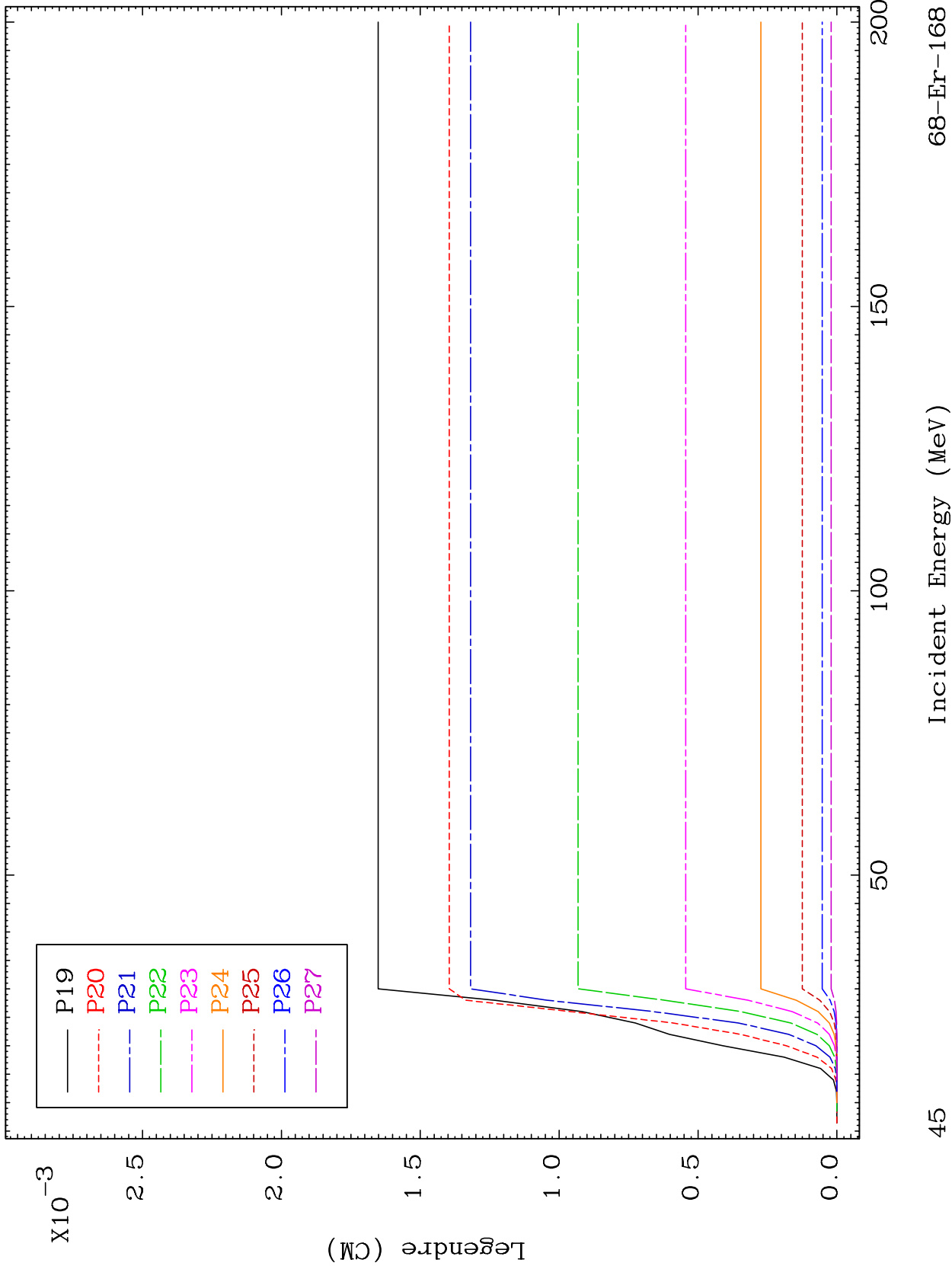
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



45

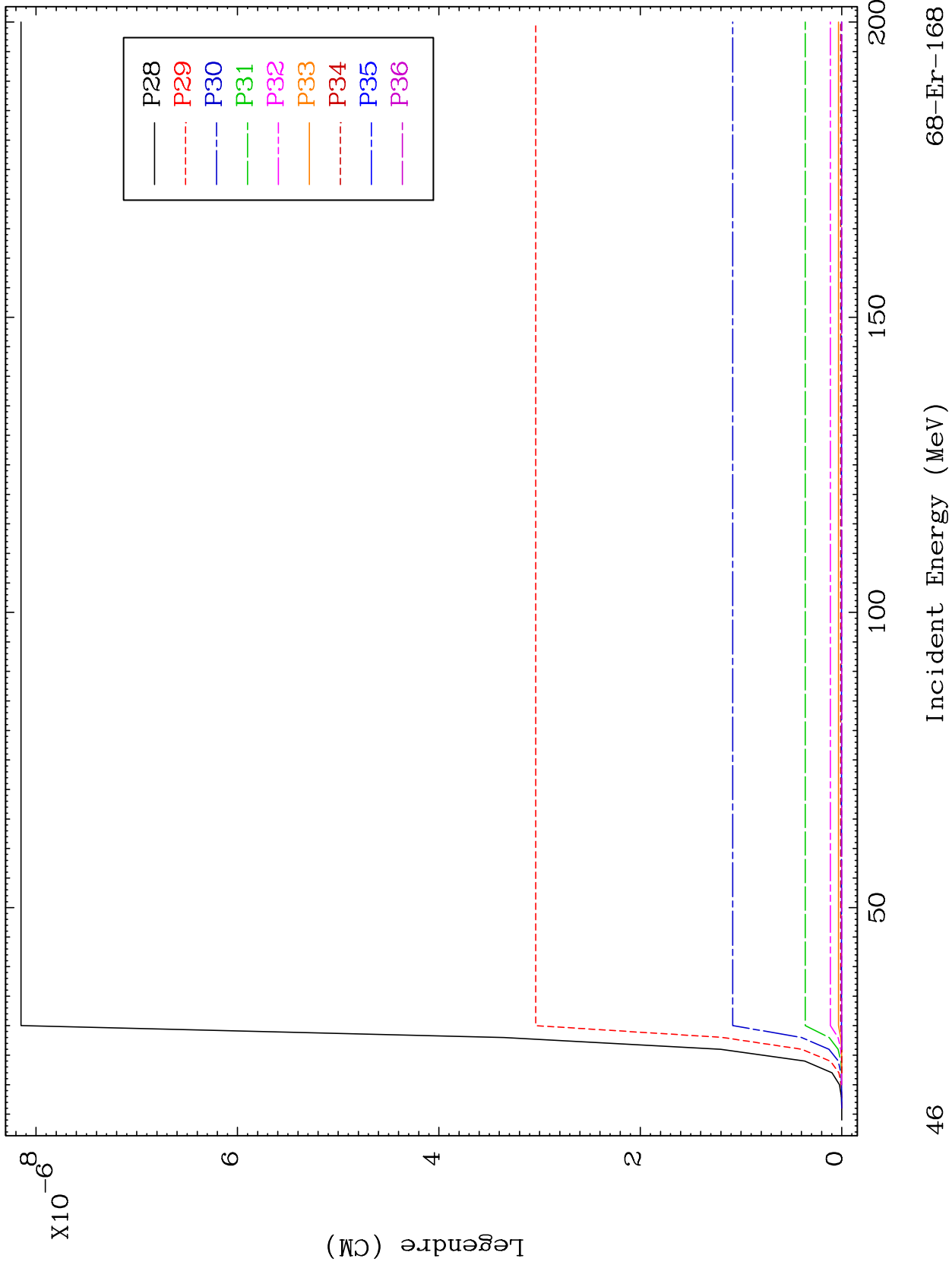
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



46

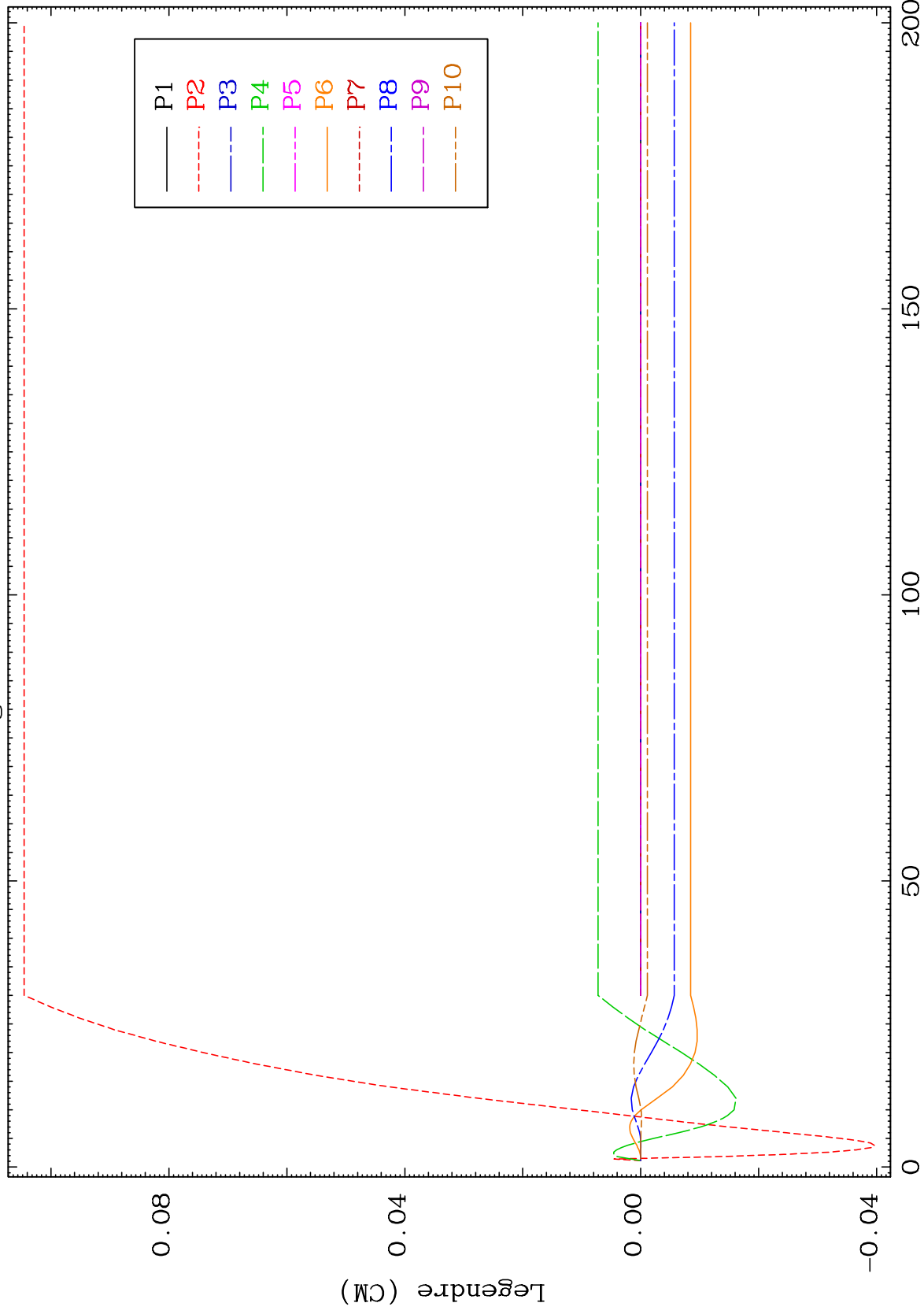
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



47

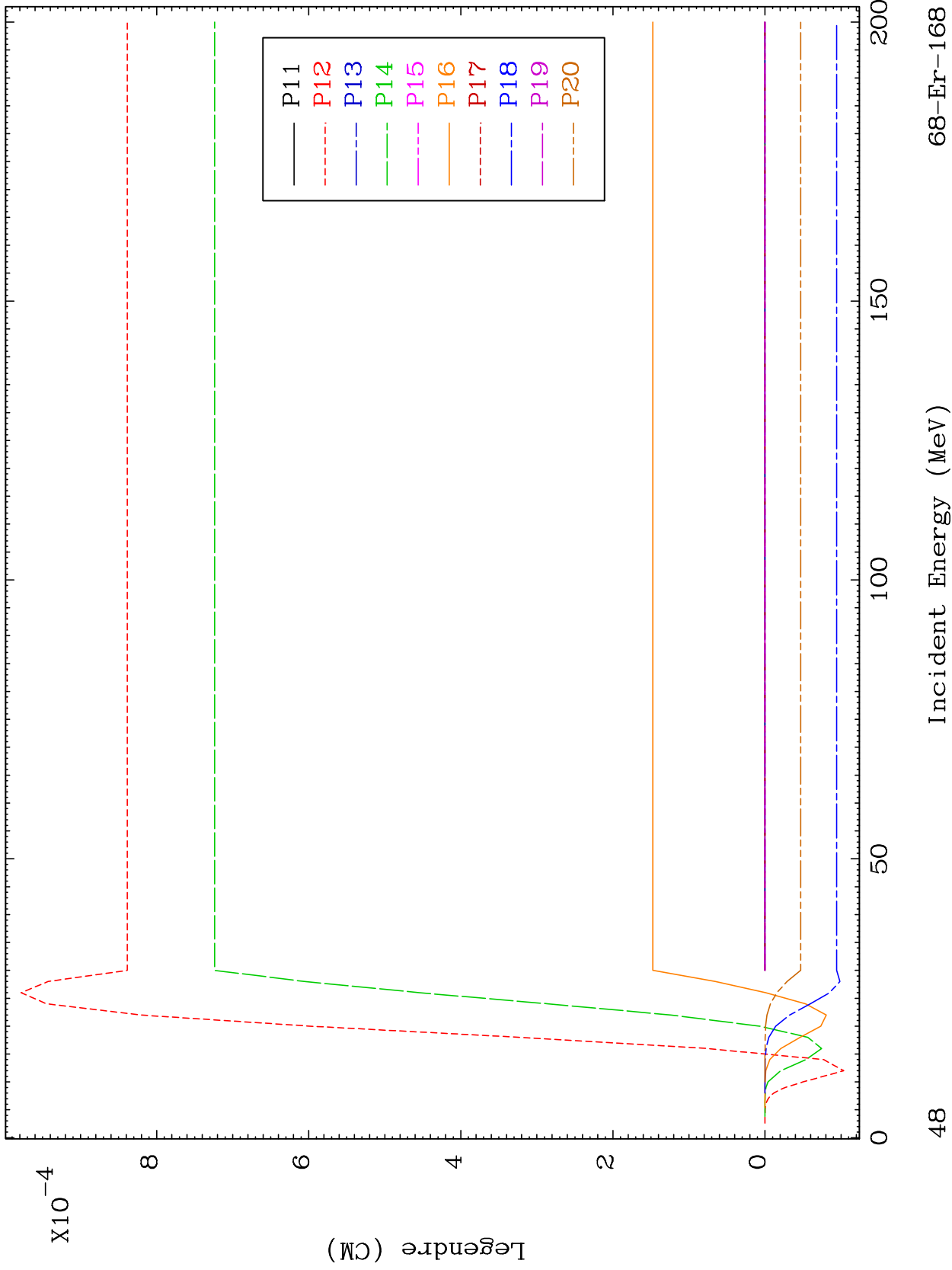
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



48

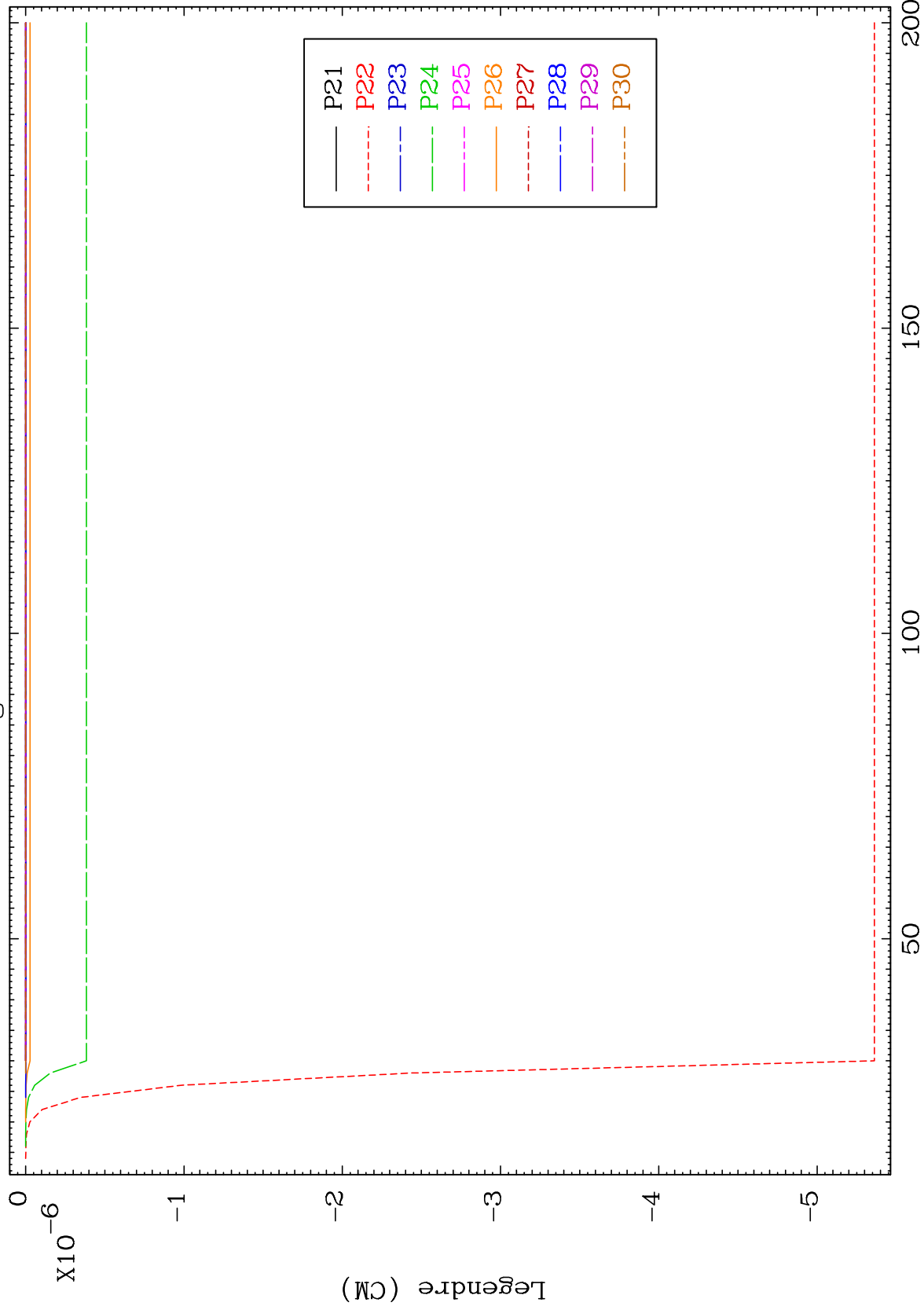
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



49

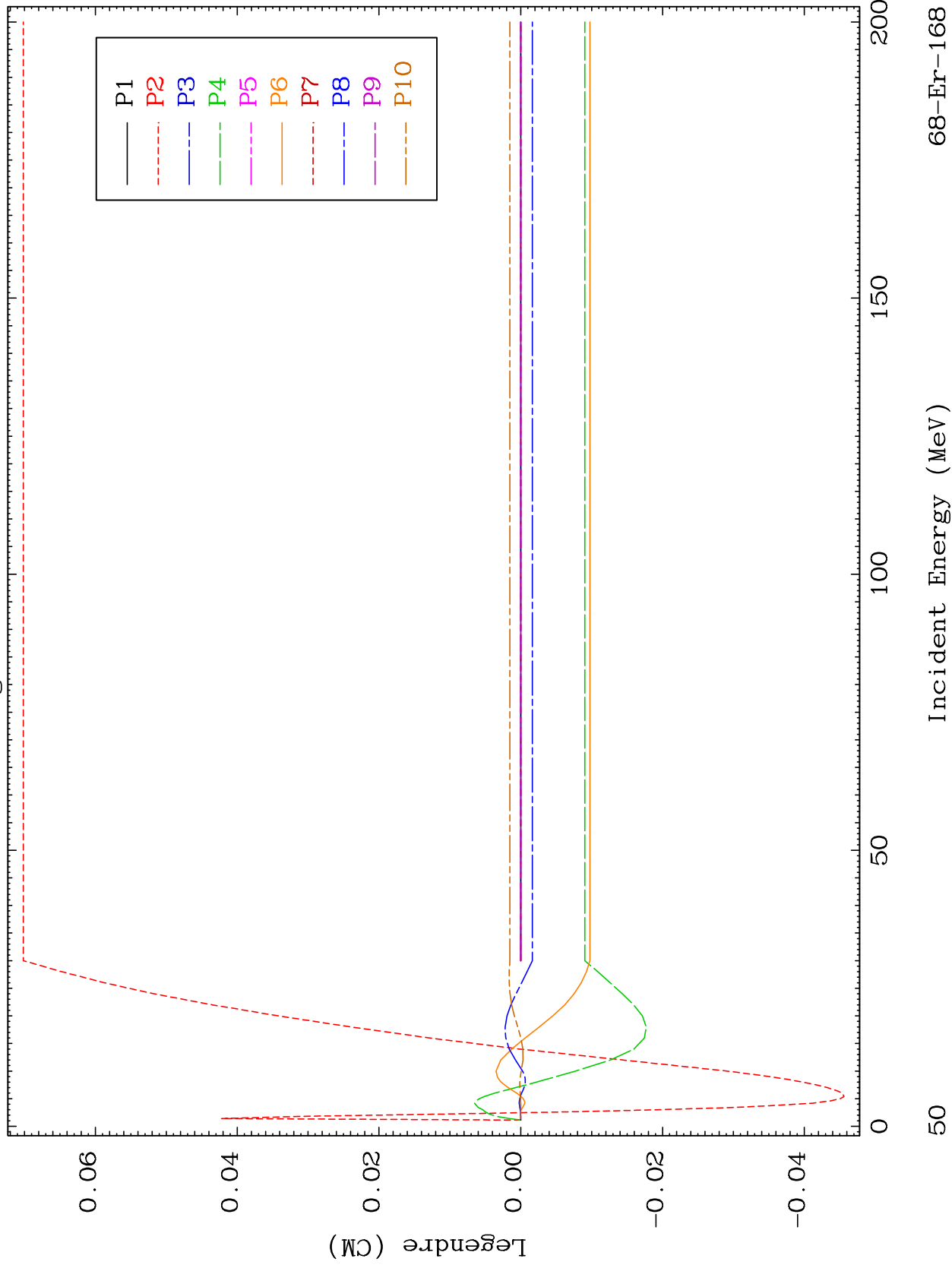
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



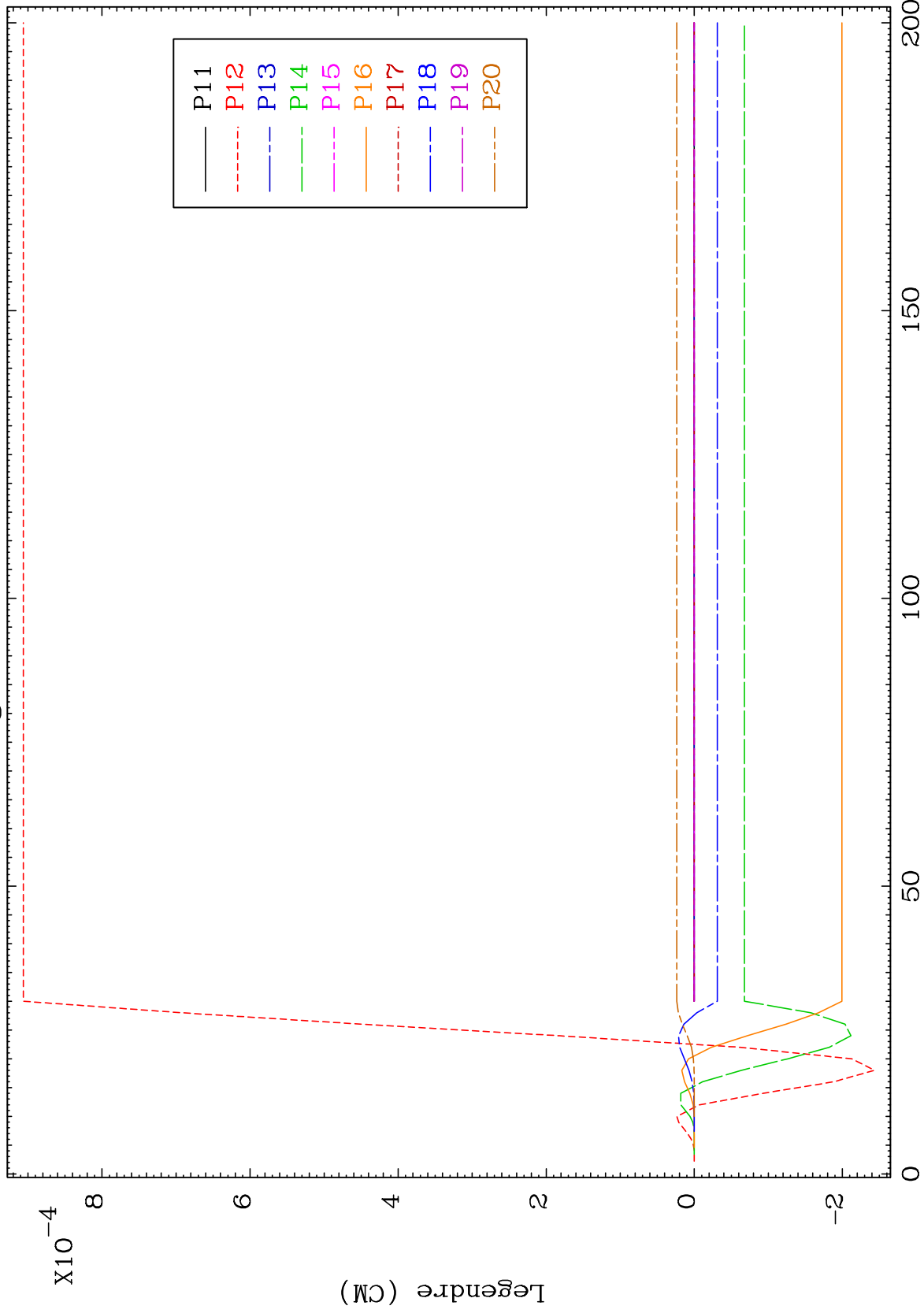
68-Er-168

Incident Energy (MeV)

MAT 6843

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

68-Er-168



51

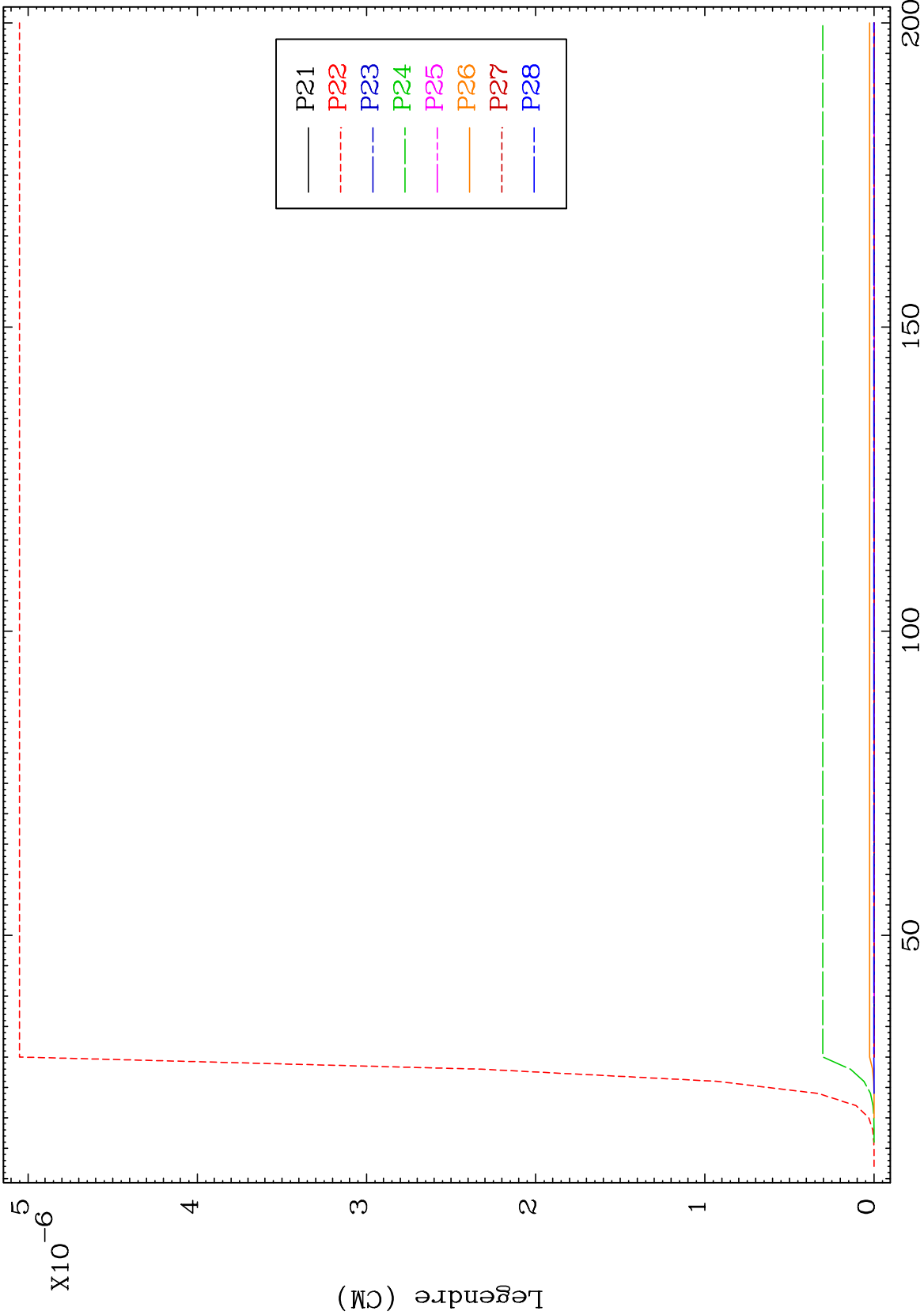
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



68-Er-168

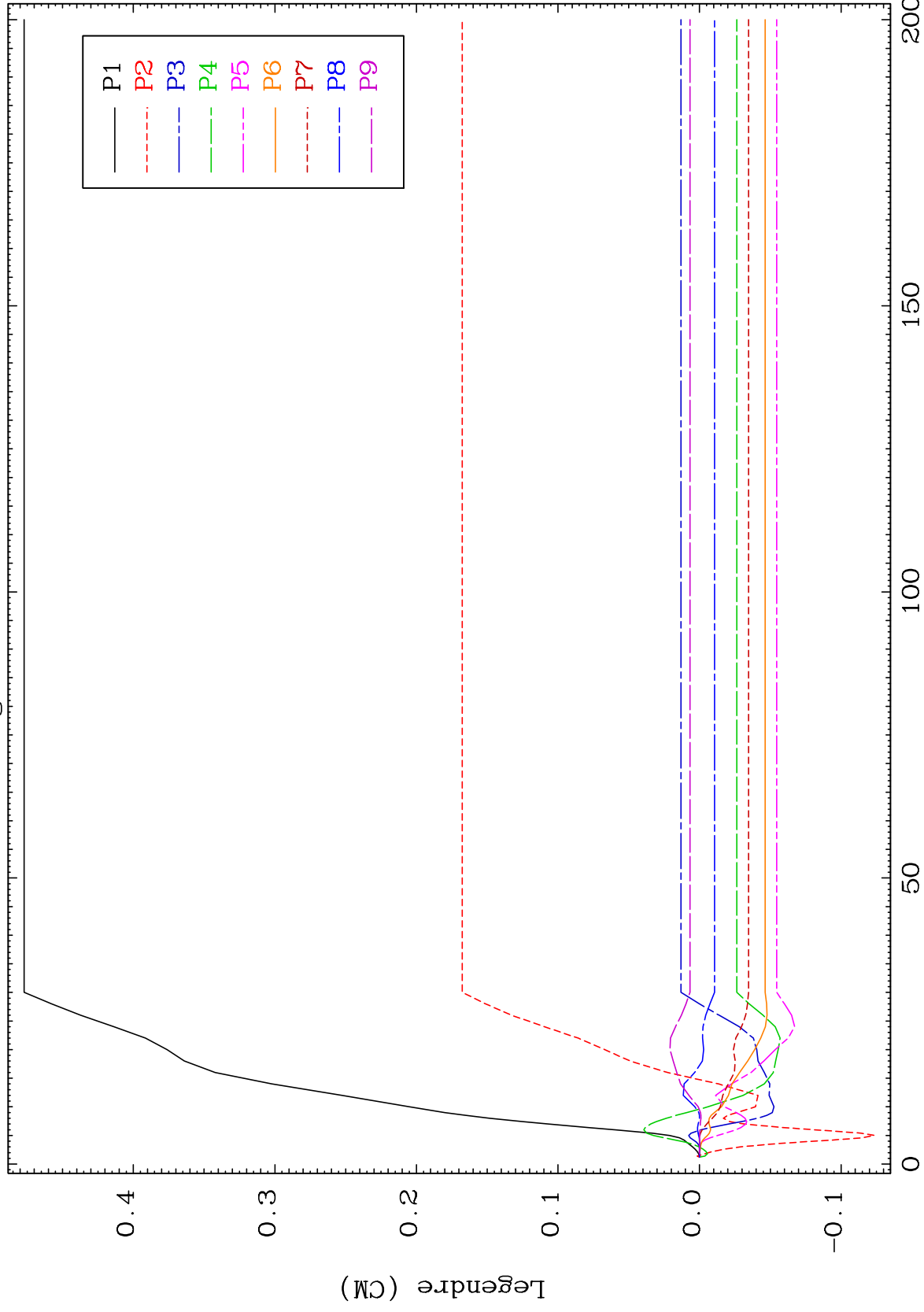
Incident Energy (MeV)

52

MAT 6843

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

68-Er-168



53

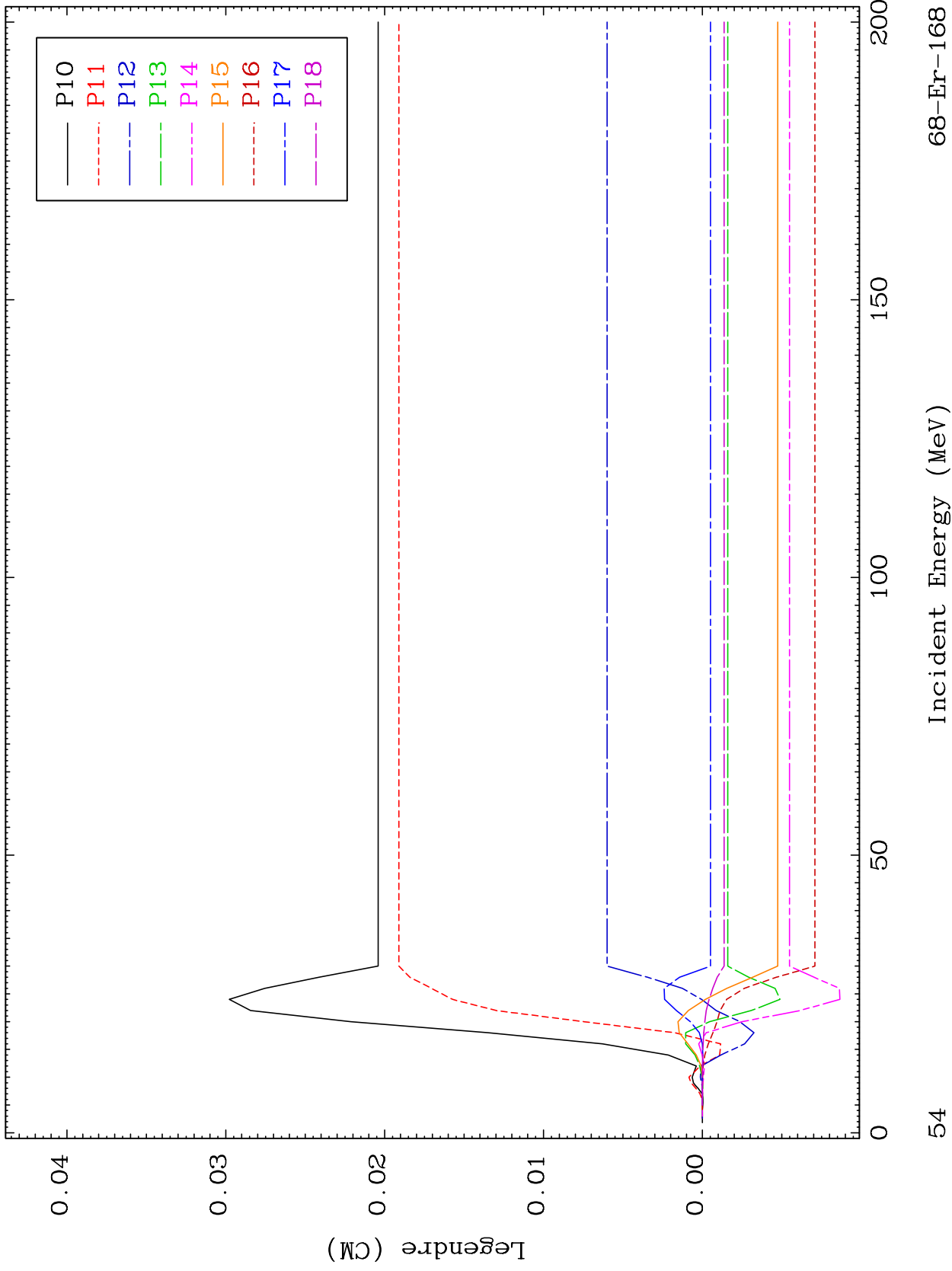
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168

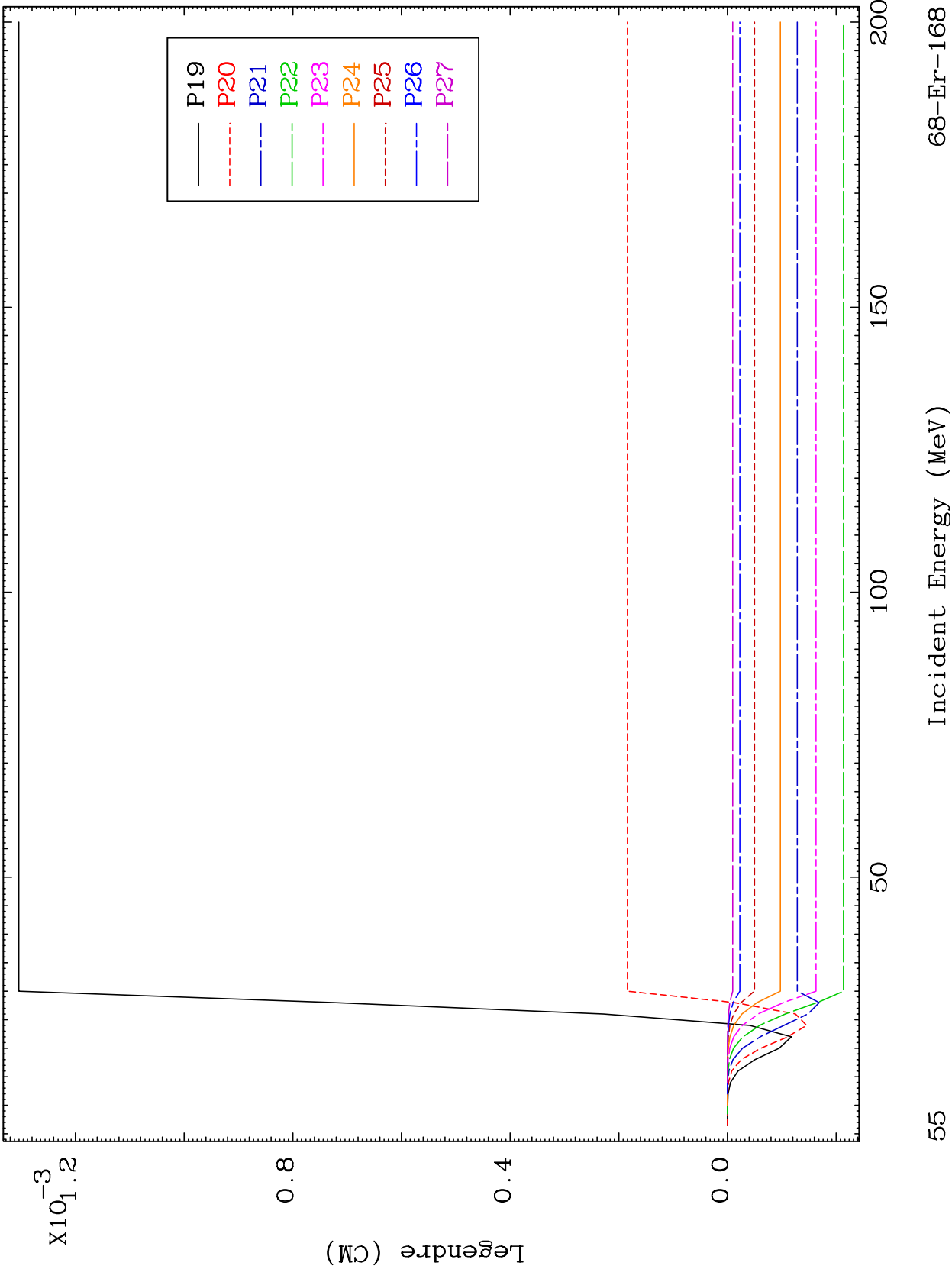


54

MAT 6843

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

68-Er-168



55

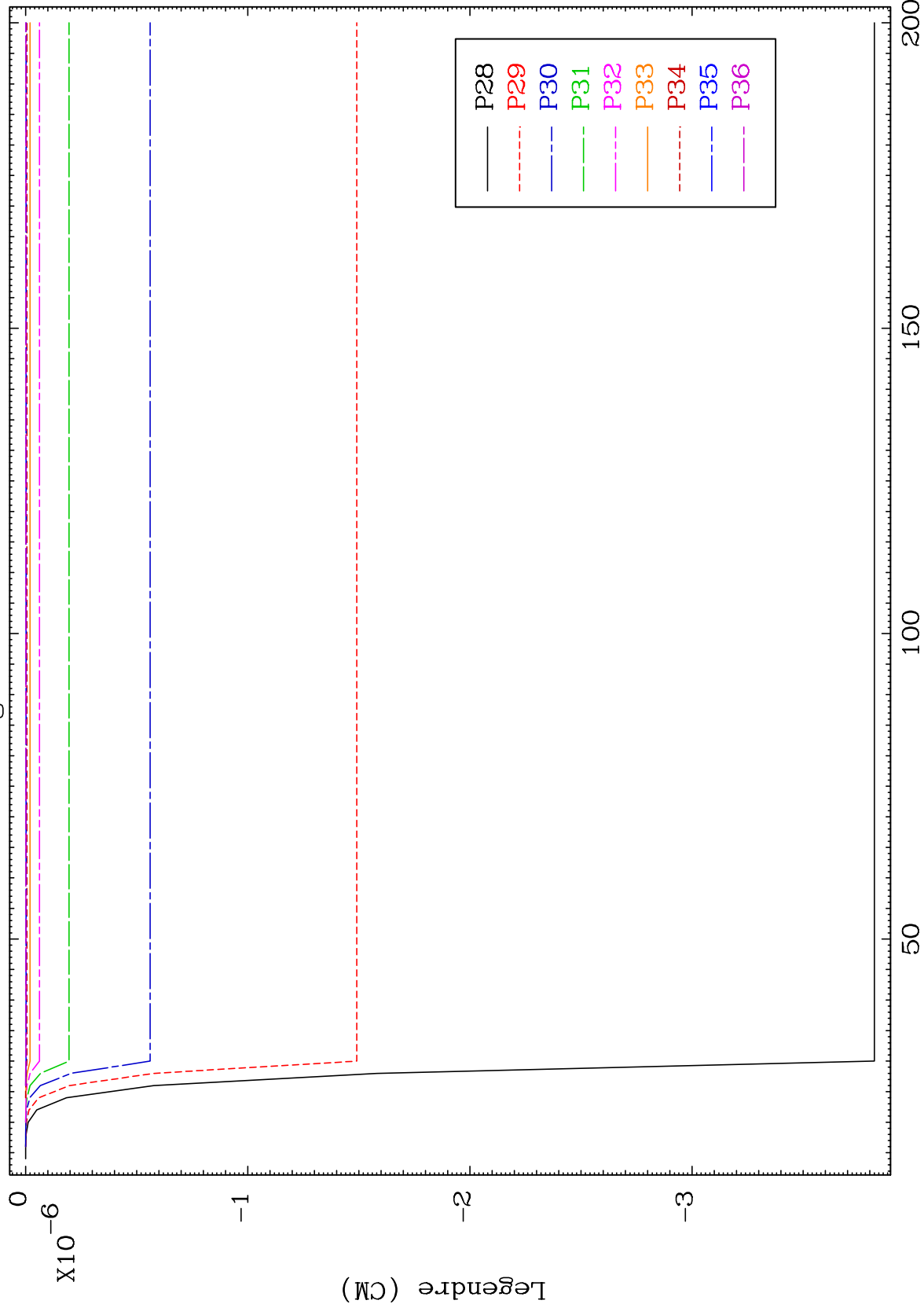
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



56

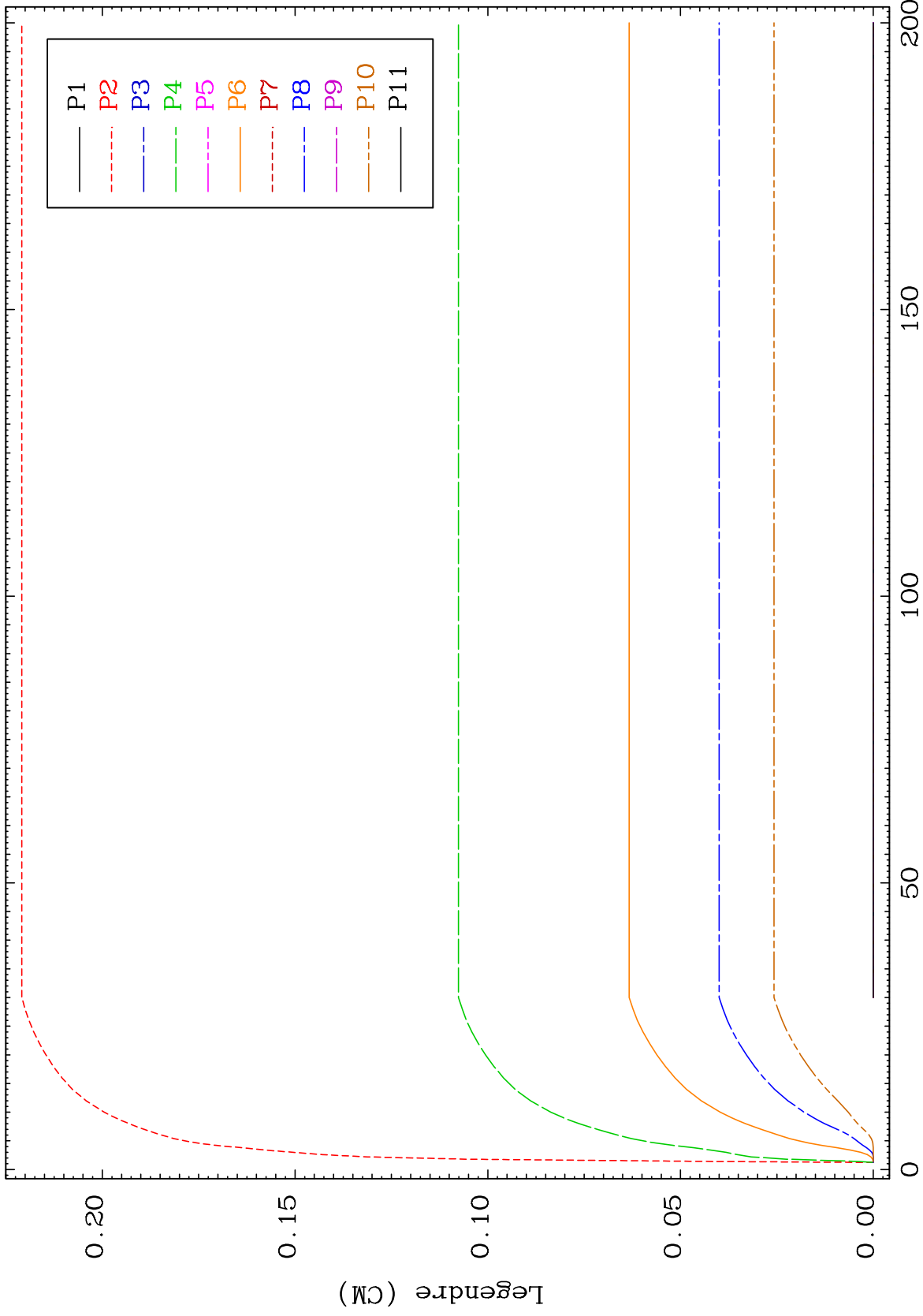
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



57

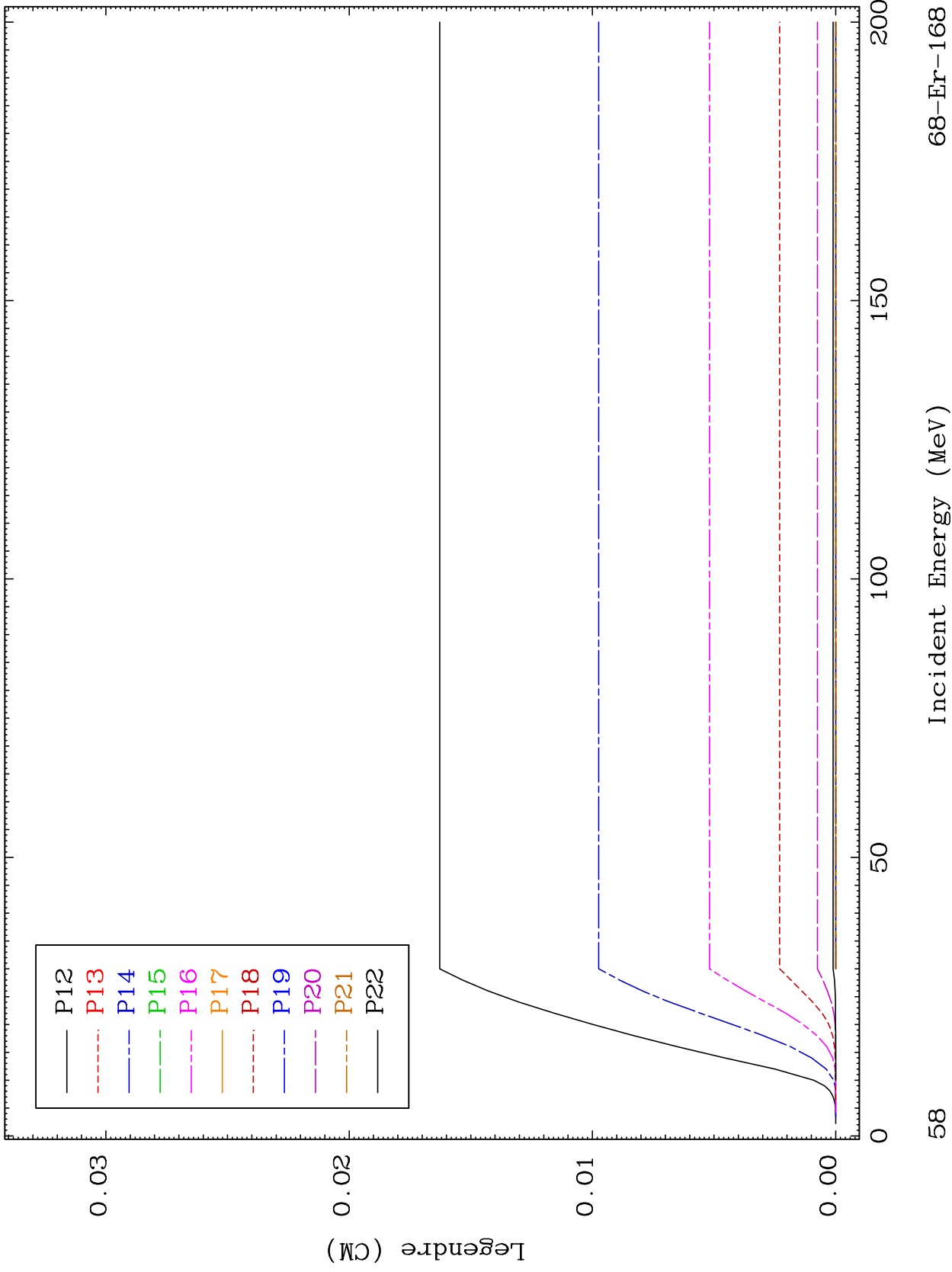
Incident Energy (MeV)

68-Er-168

MAT 6843

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

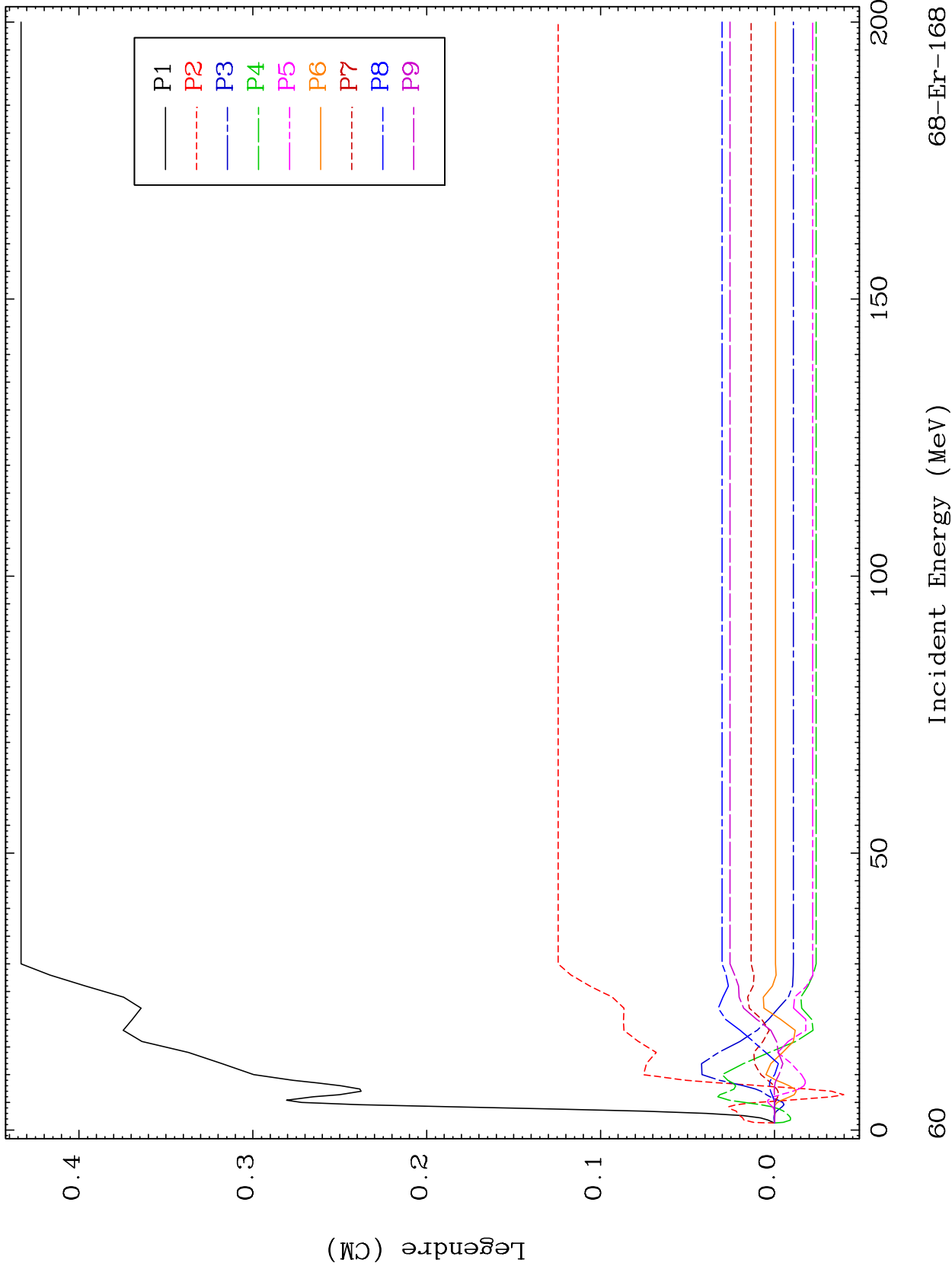
68-Er-168



MAT 6843

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

68-Er-168



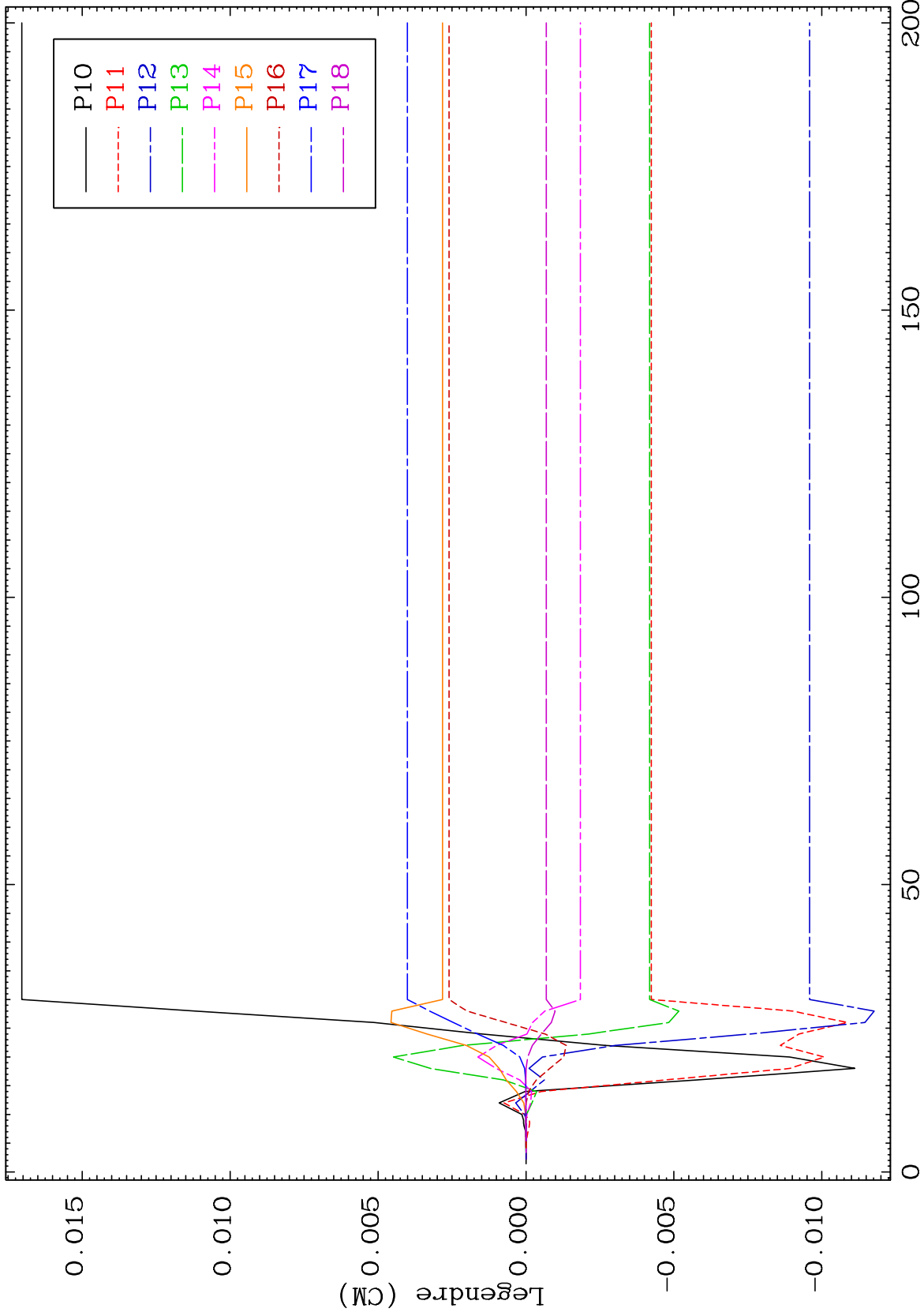
68-Er-168

Incident Energy (MeV)

MAT 6843

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

68-Er-168



61

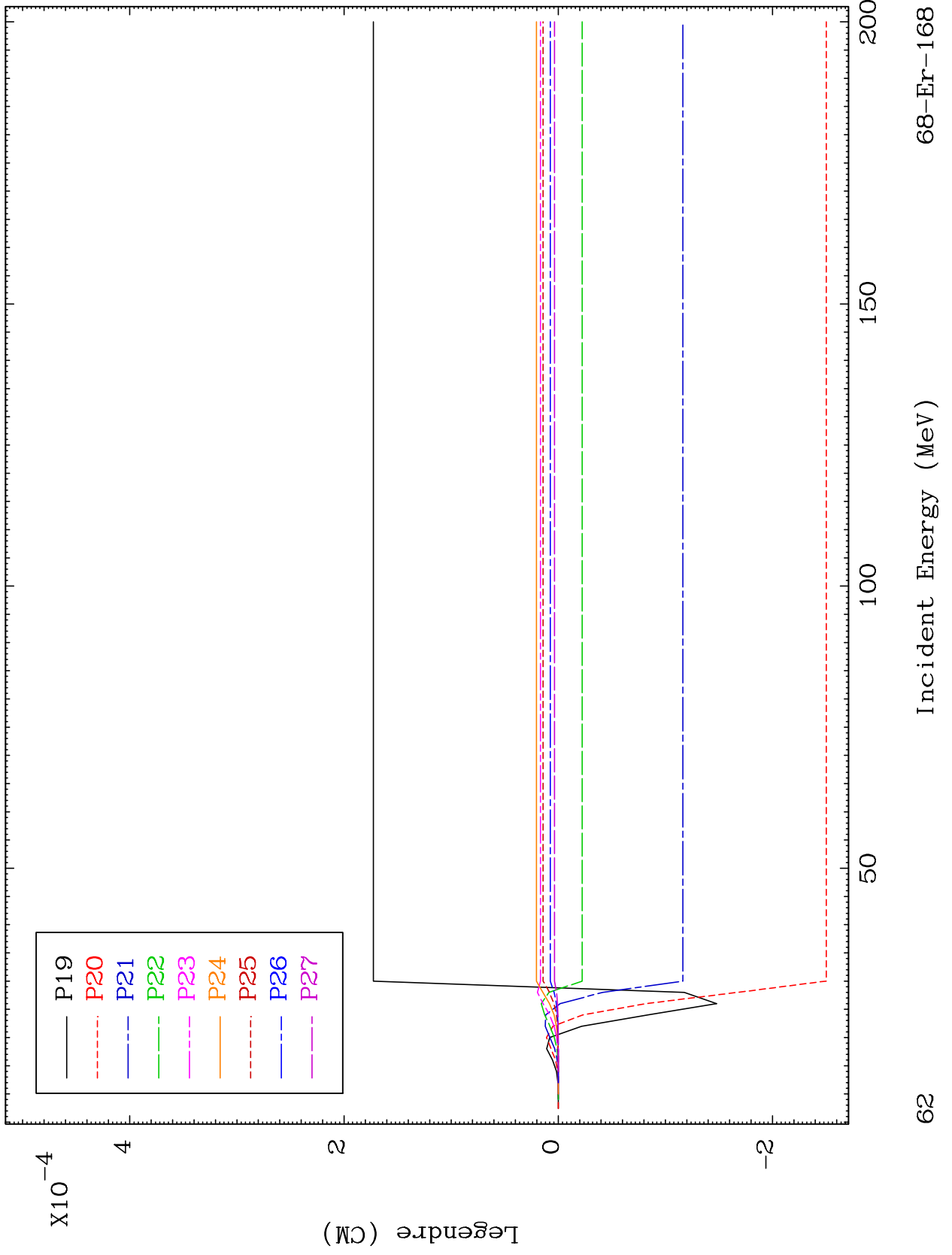
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



62

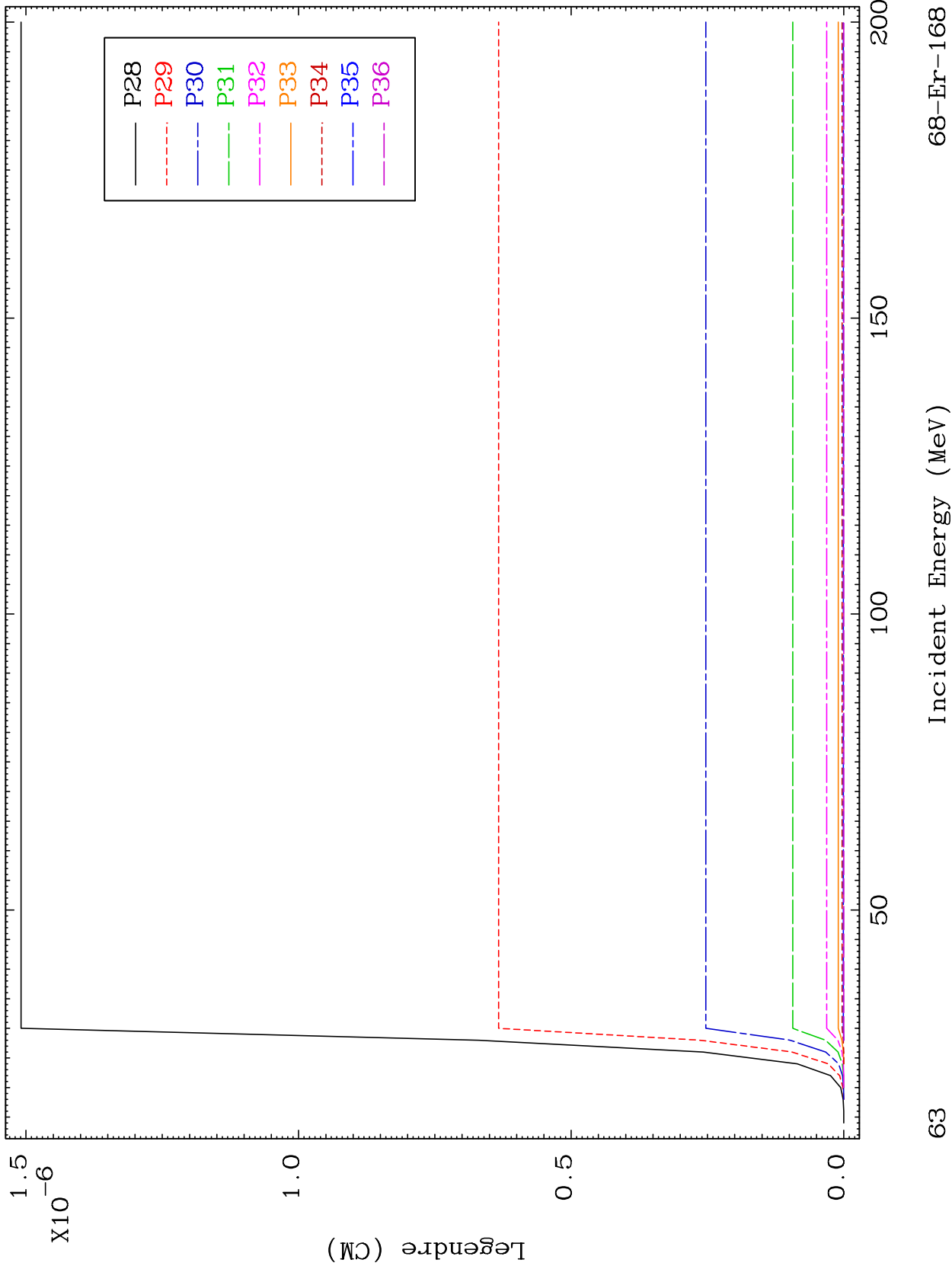
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



63

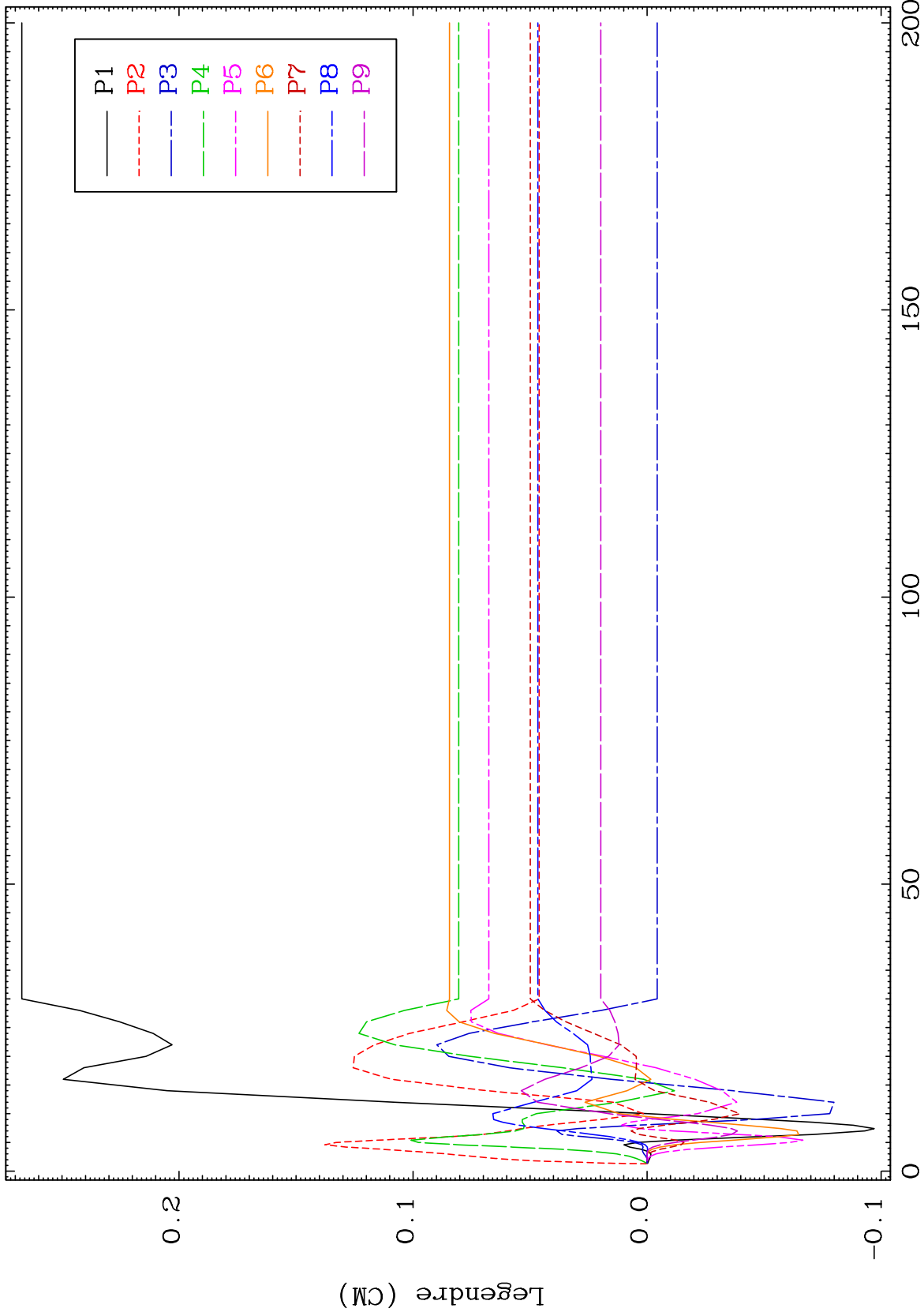
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



64

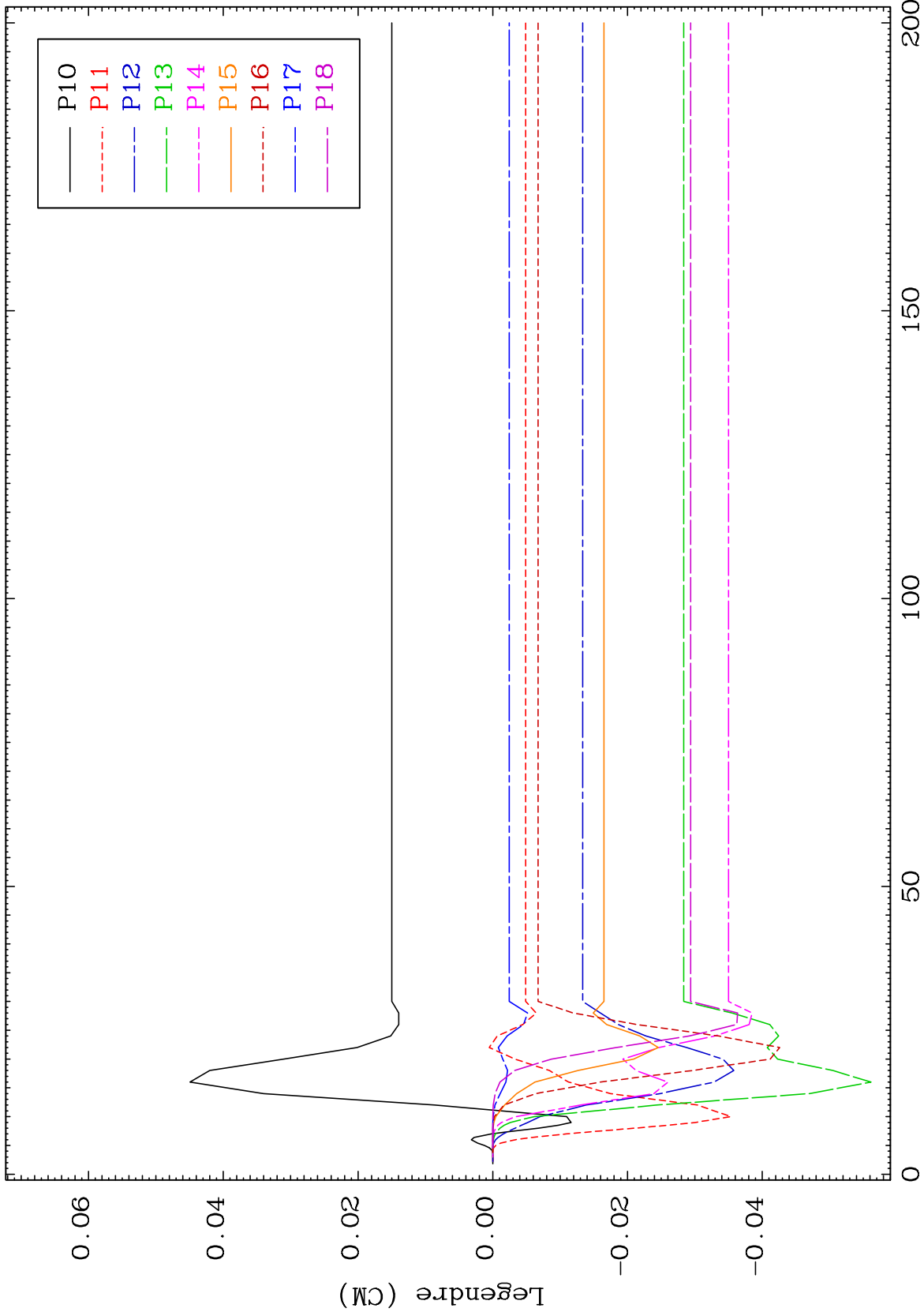
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



65

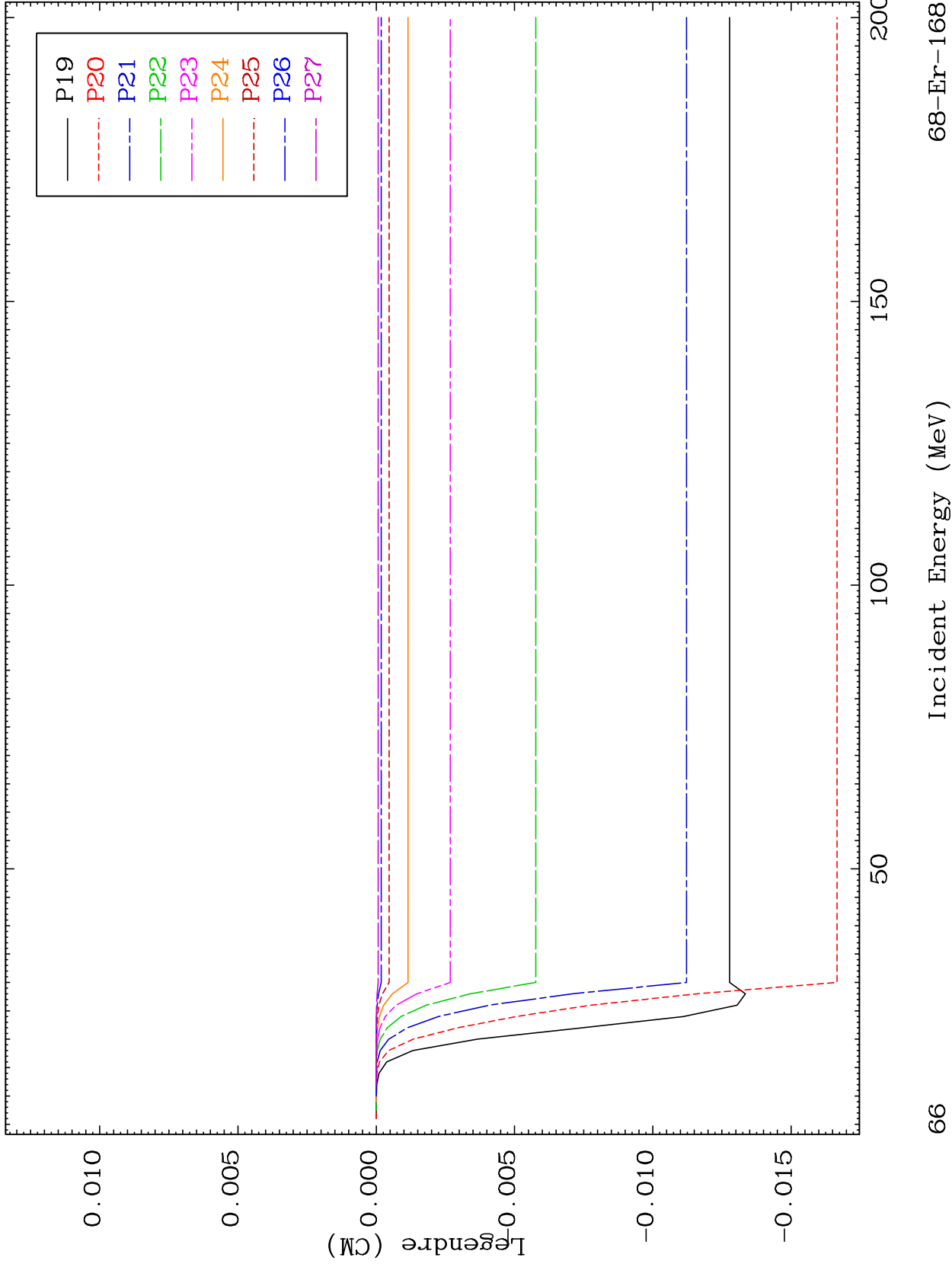
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



66

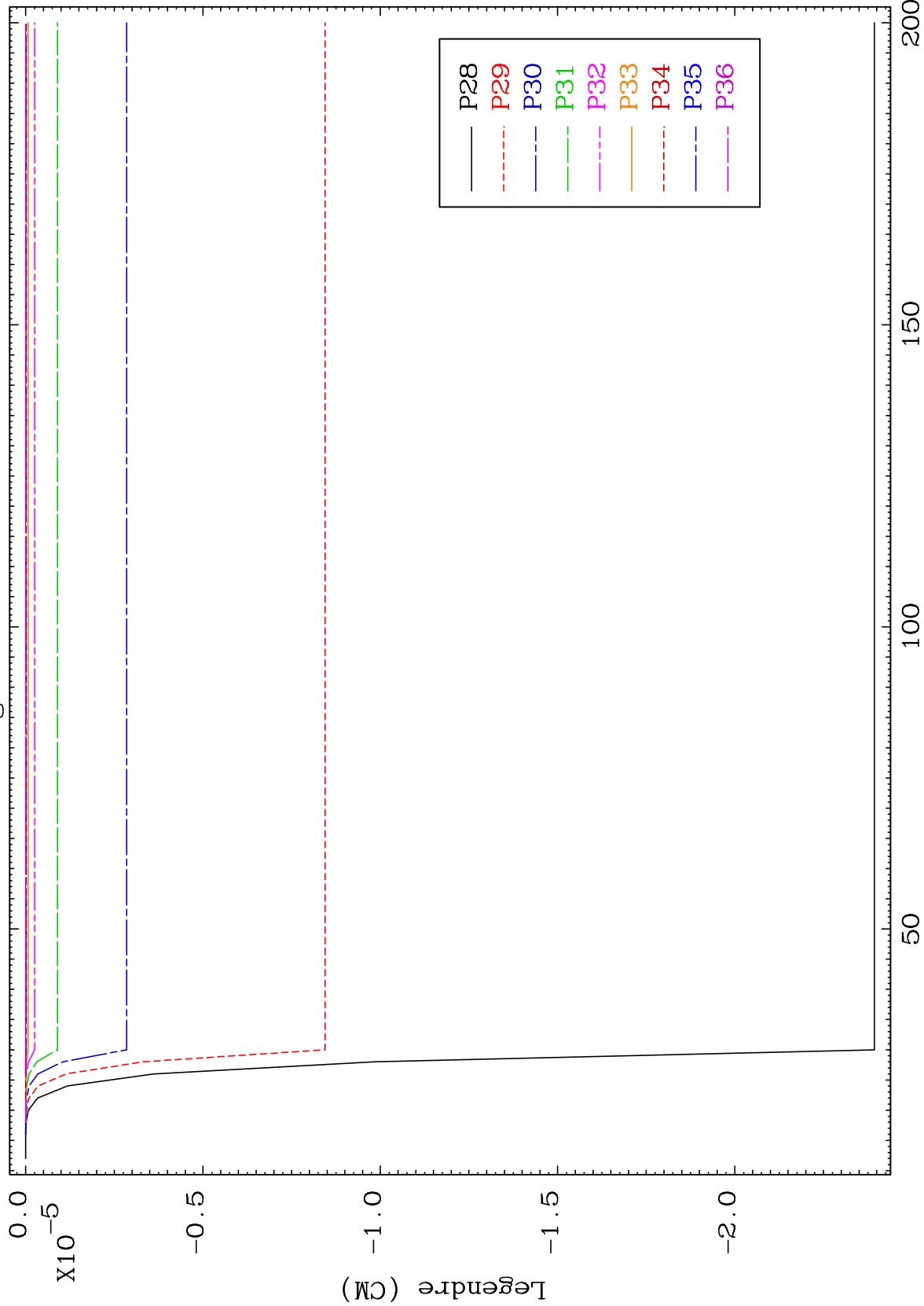
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



67

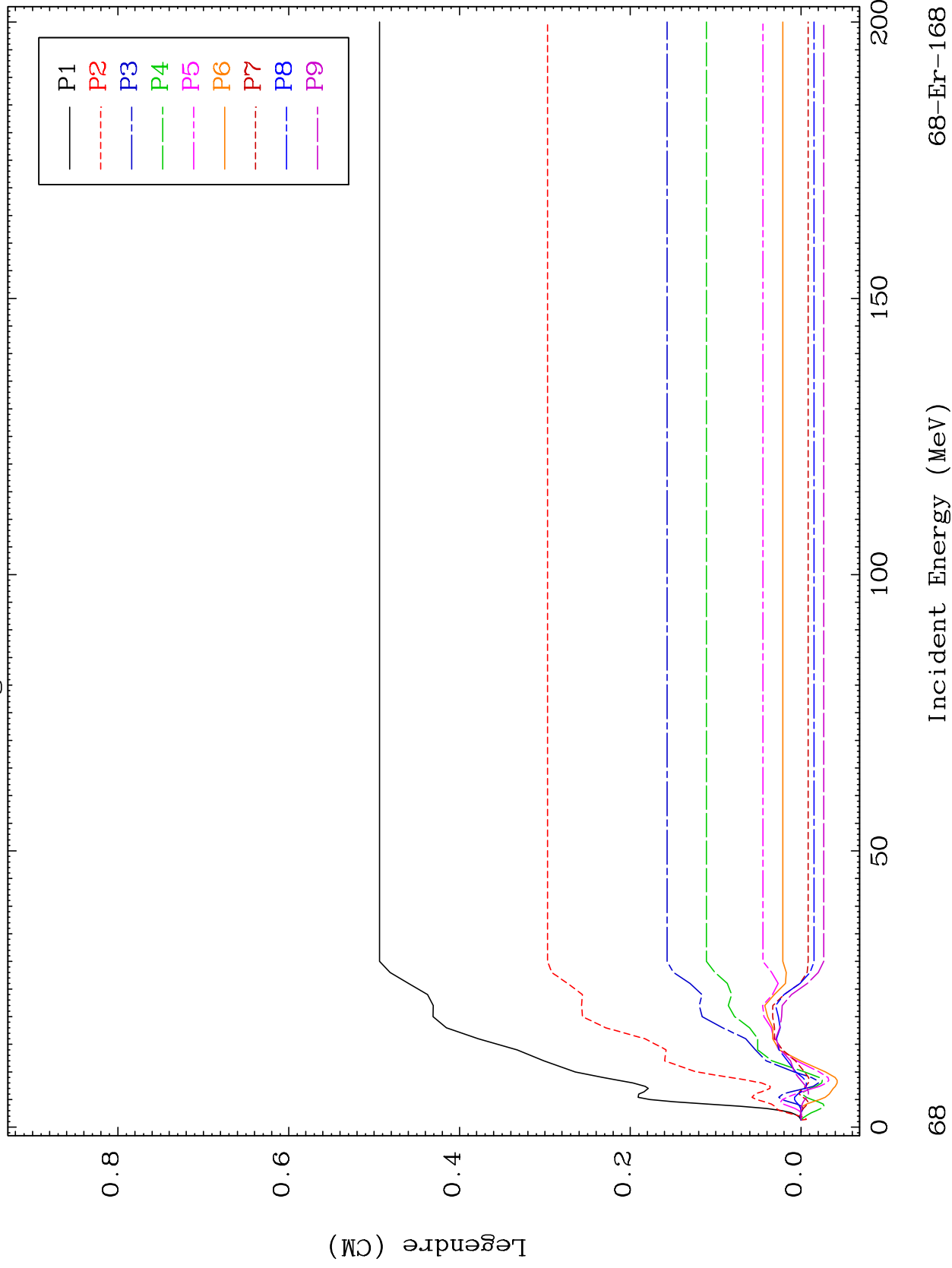
Incident Energy (MeV)

68-Er-168

MAT 6843

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

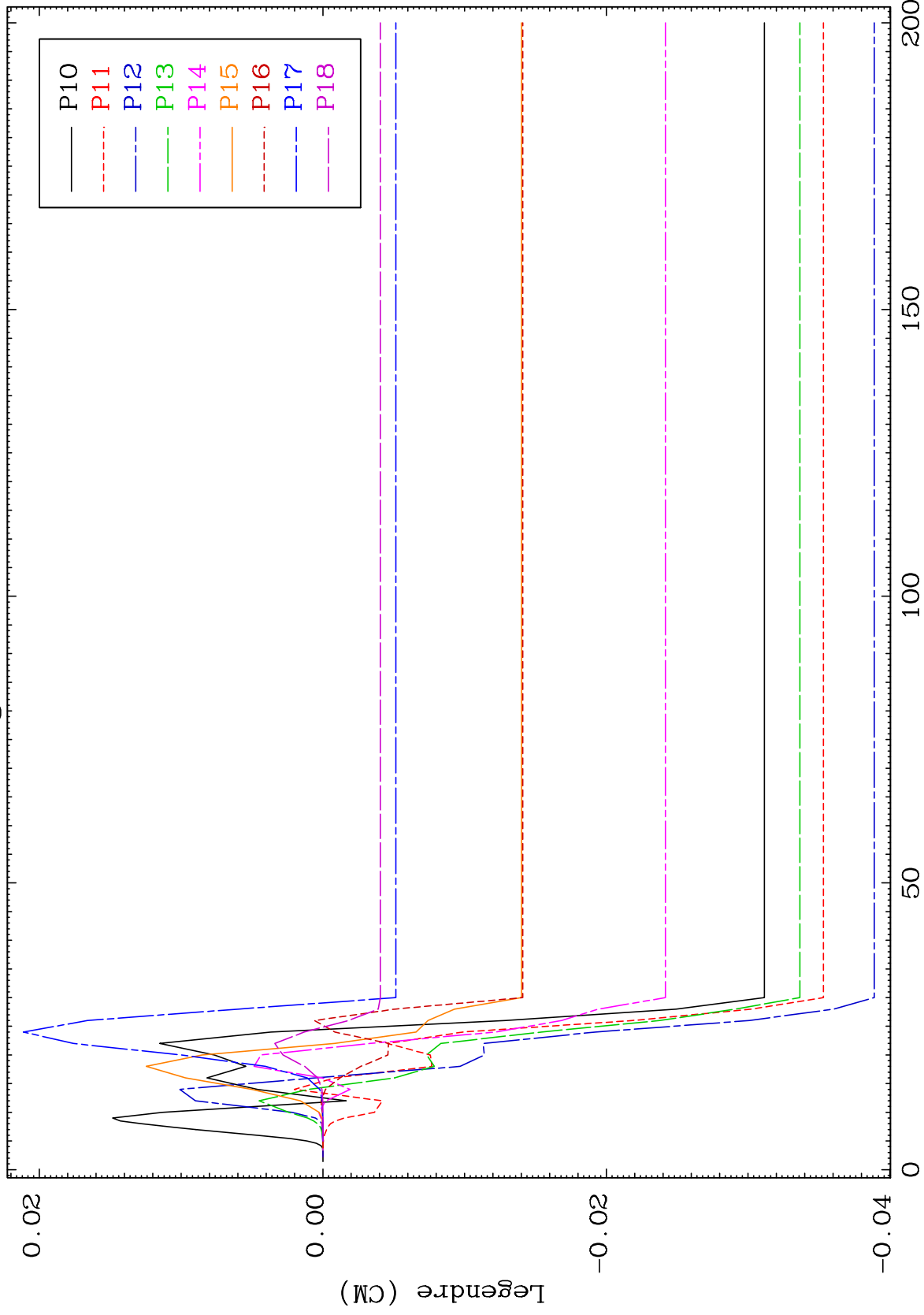
68-Er-168



MAT 6843

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

68-Er-168



69

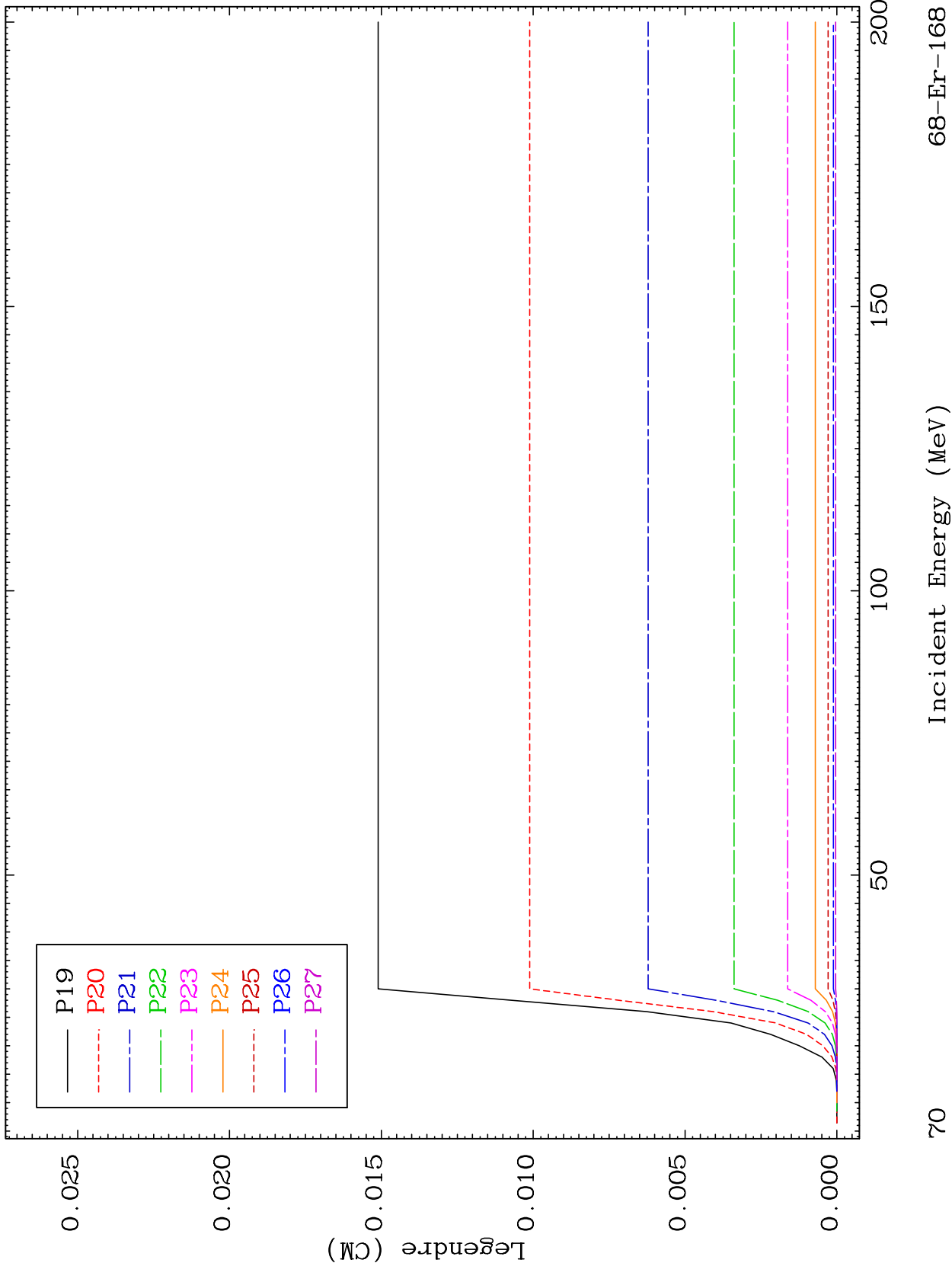
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



70

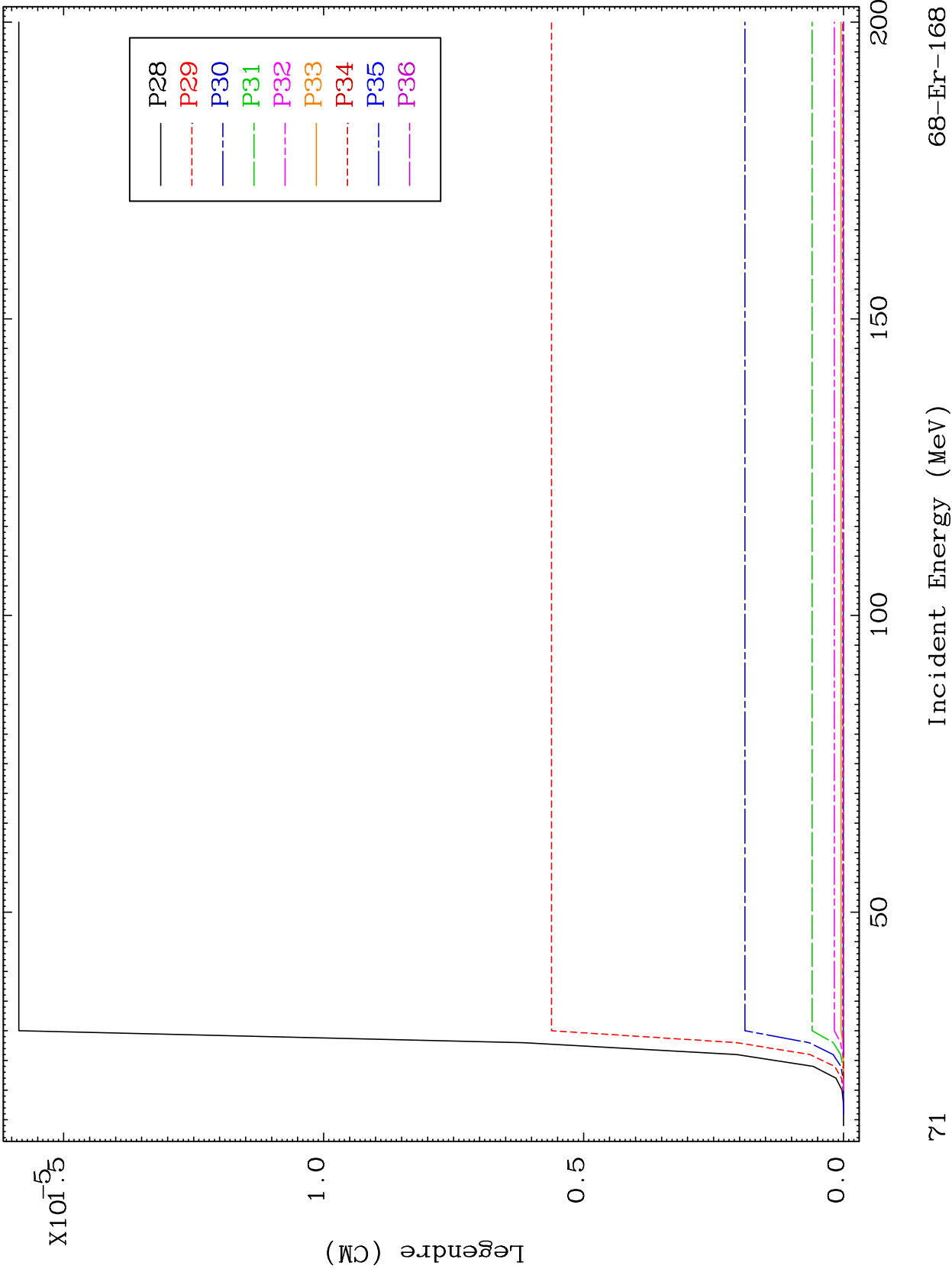
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168

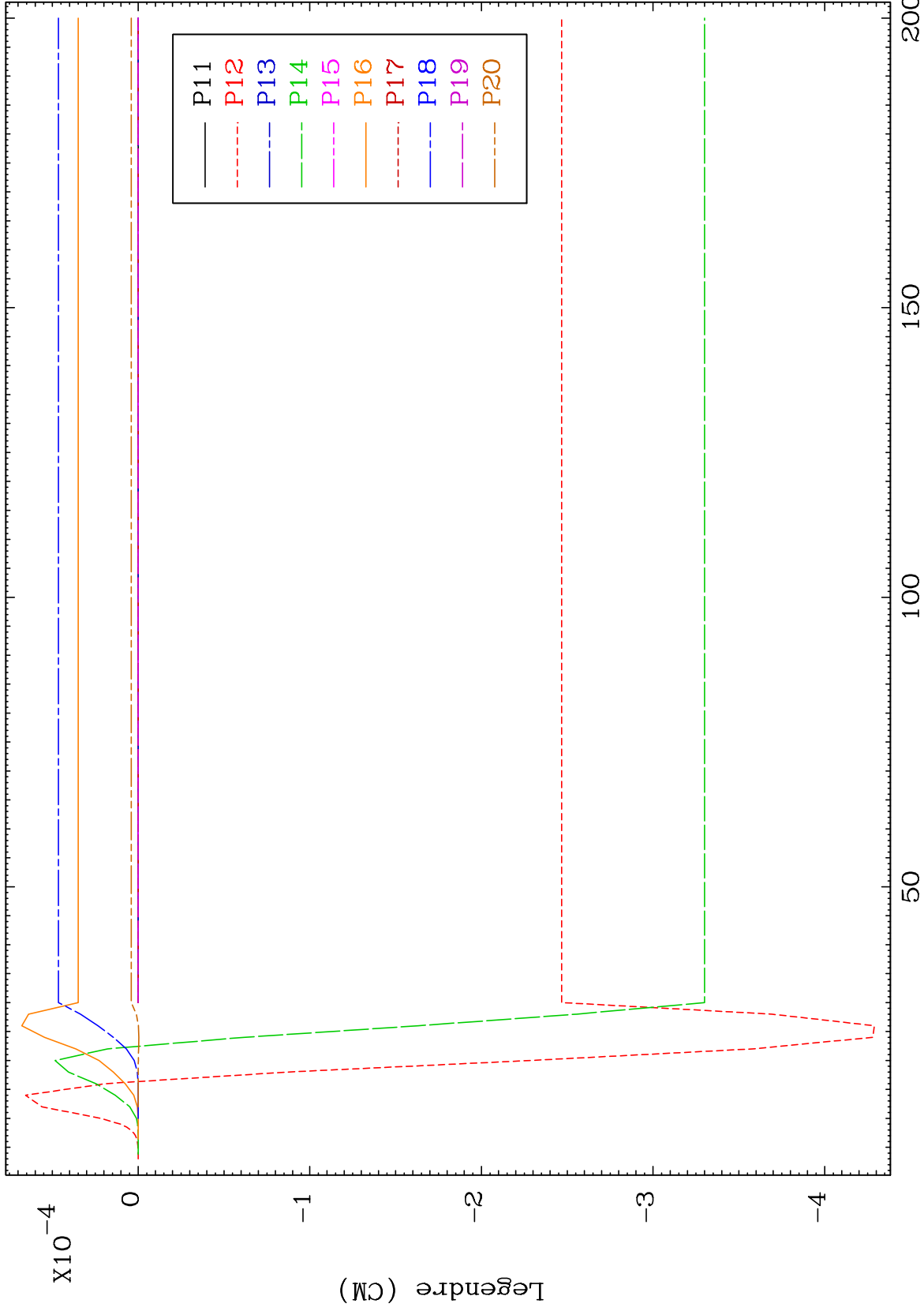


MAT 6843

MT= 65 (n,n') Level

68-Er-168

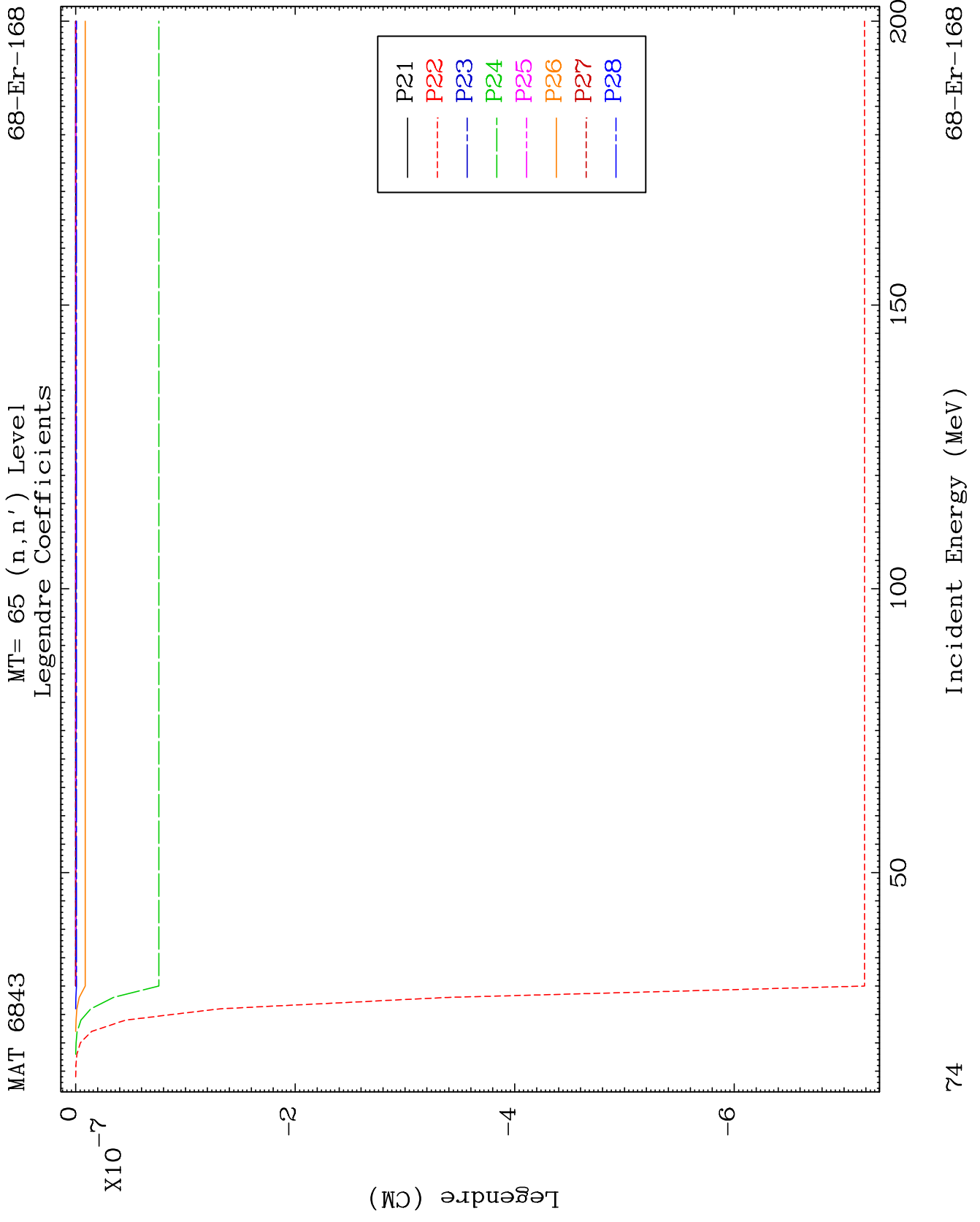
Legendre Coefficients



73

Incident Energy (MeV)

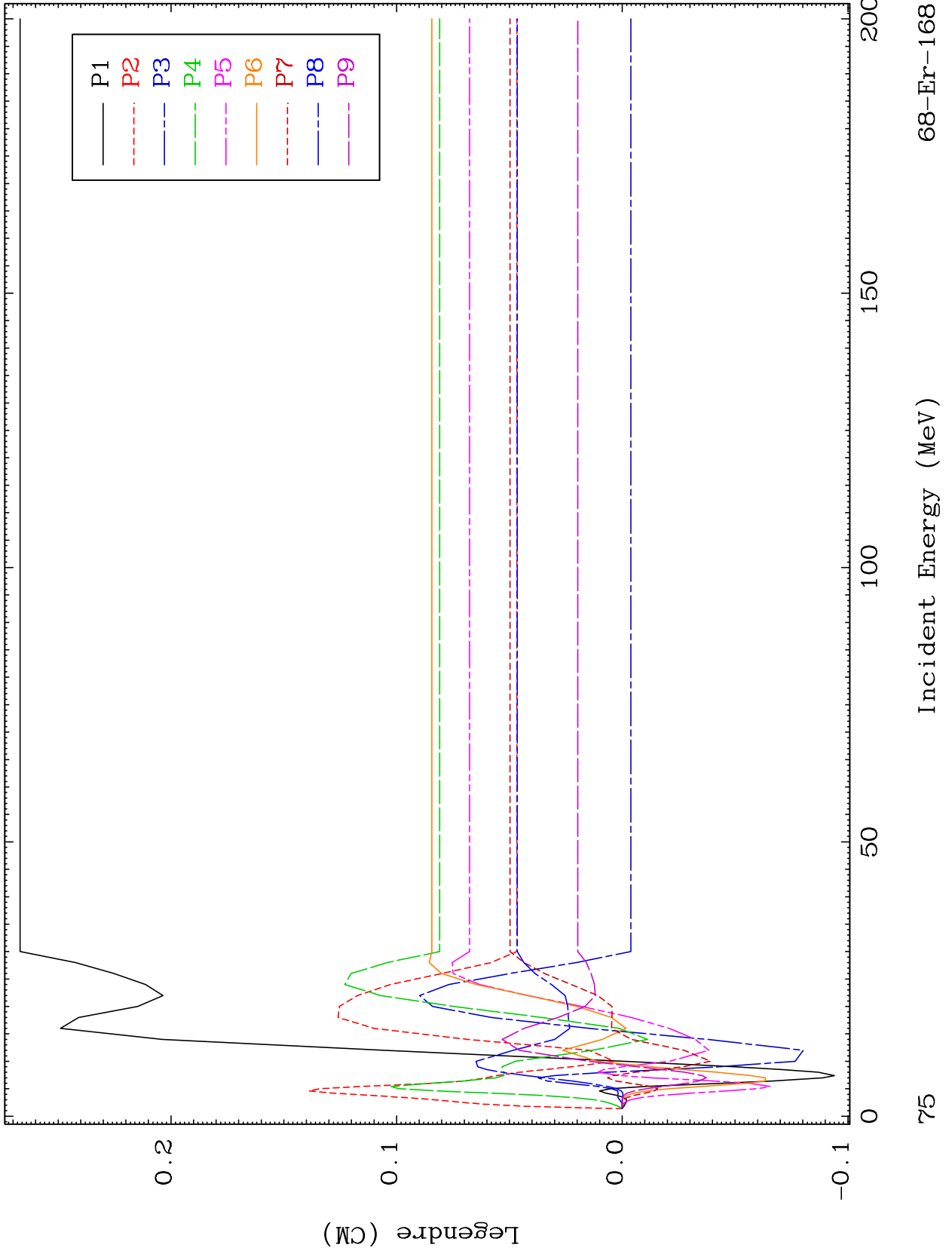
68-Er-168



MAT 6843

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

68-Er-168



68-Er-168

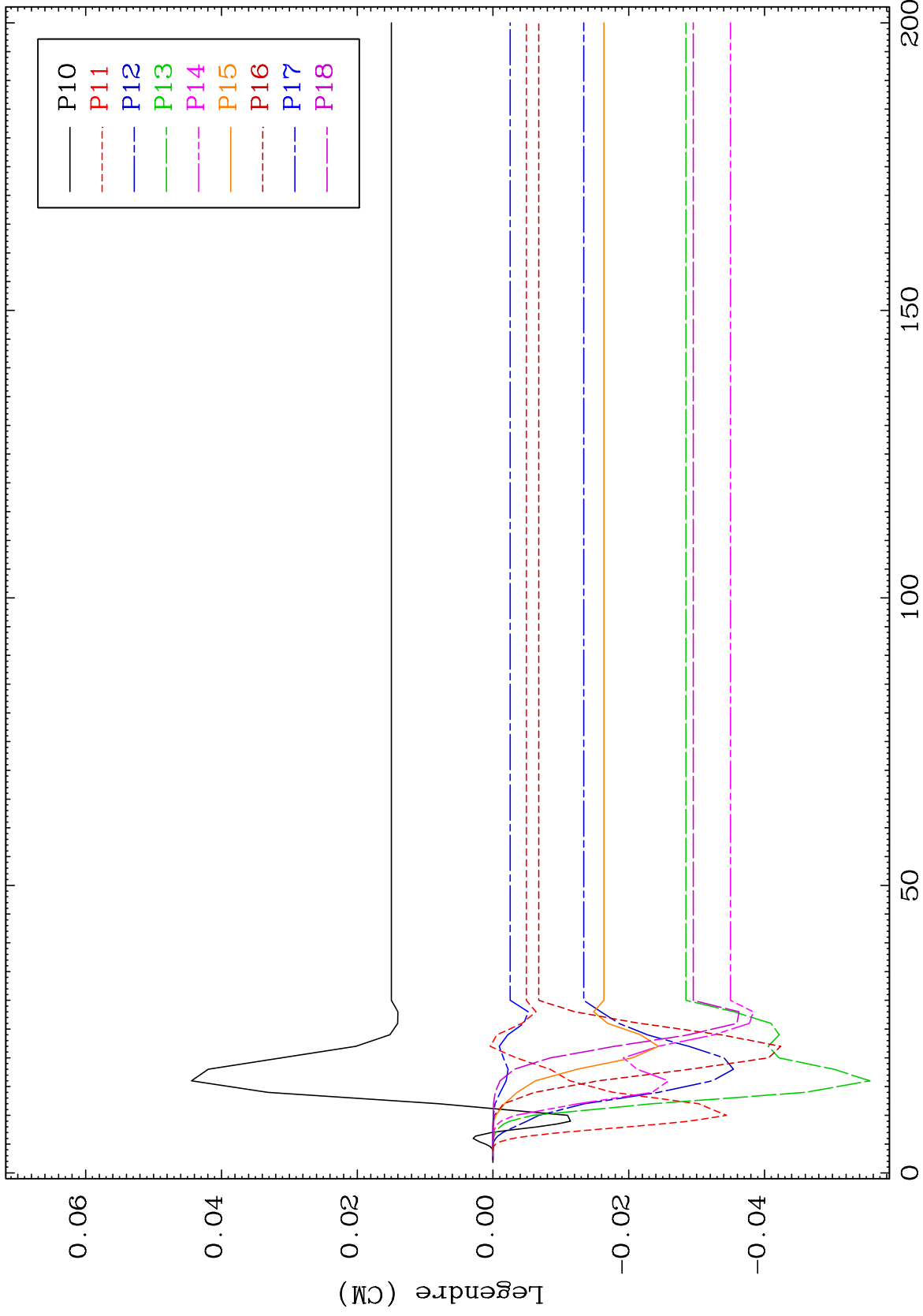
Incident Energy (MeV)

75

MAT 6843

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

68-Er-168



76

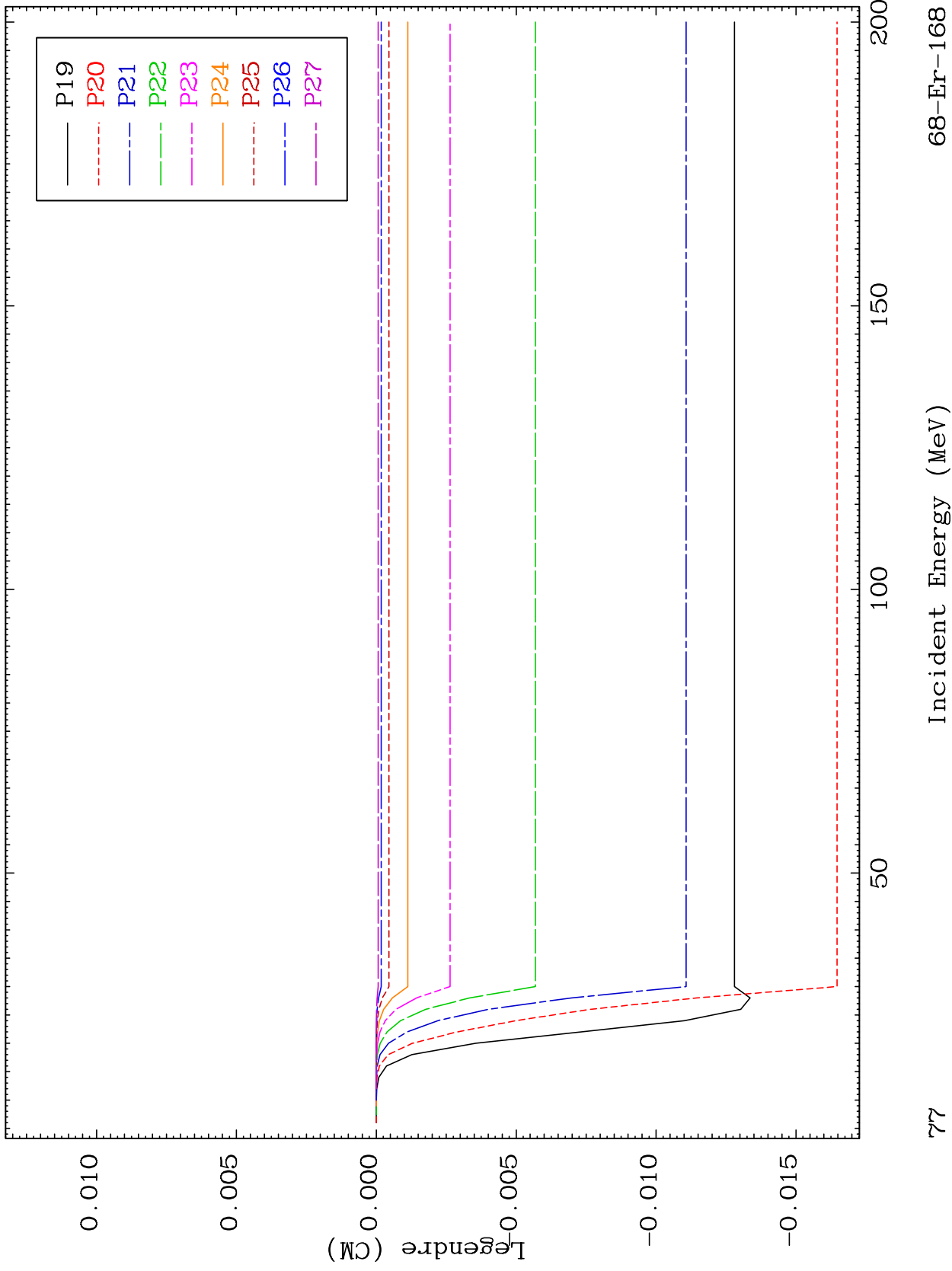
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



77

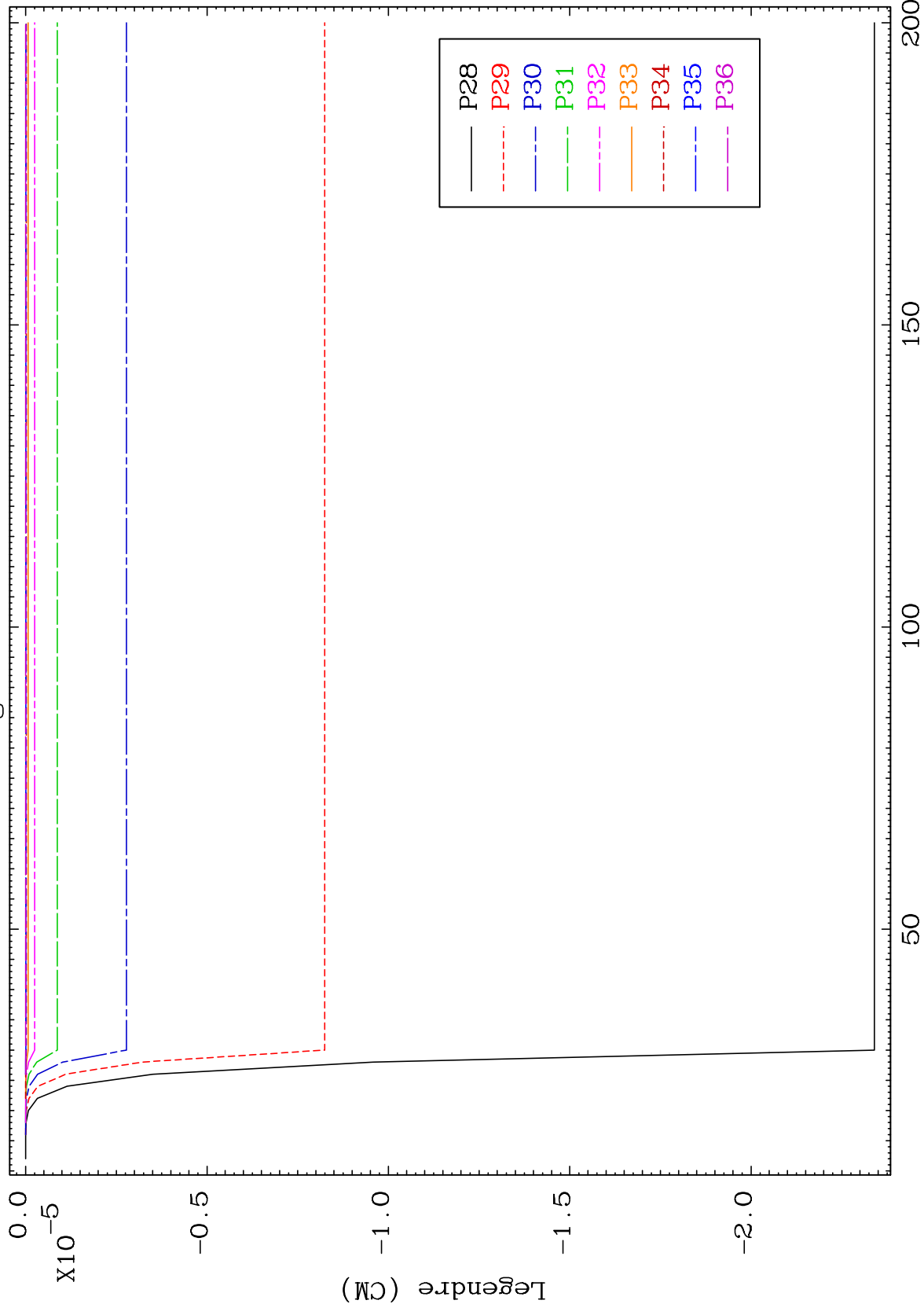
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



78

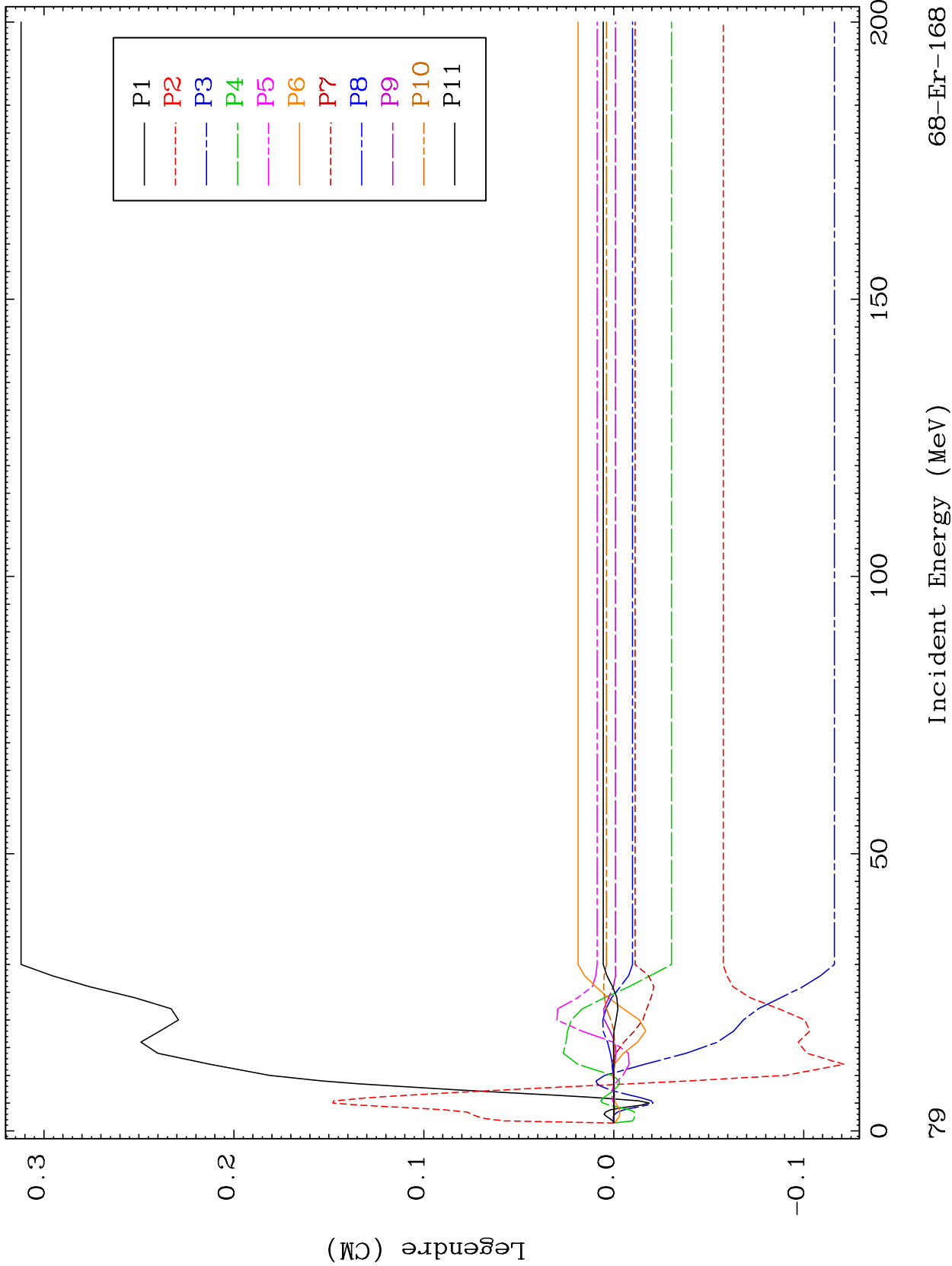
Incident Energy (MeV)

68-Er-168

MAT 6843

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

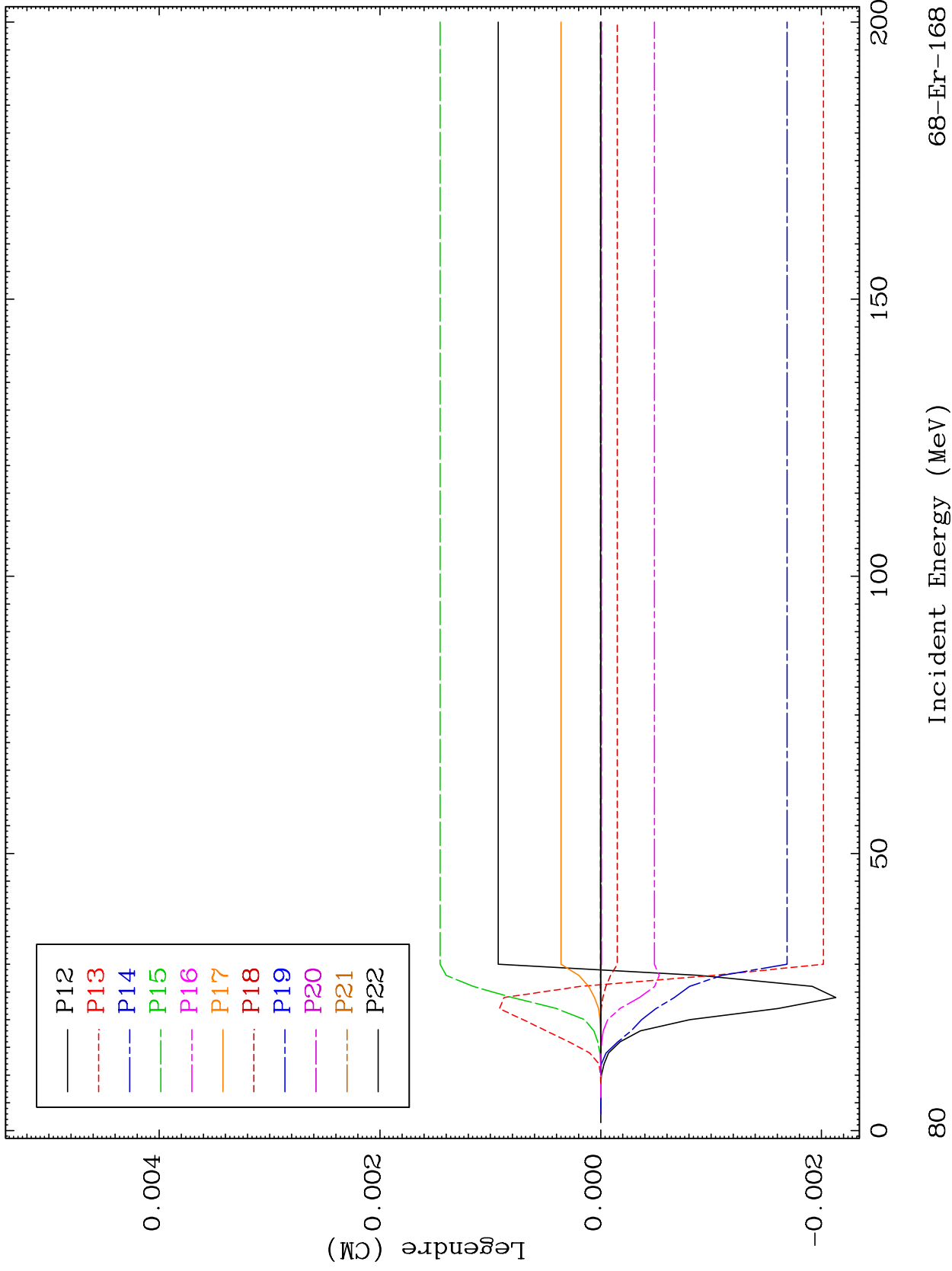
68-Er-168



MAT 6843

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

68-Er-168



68-Er-168

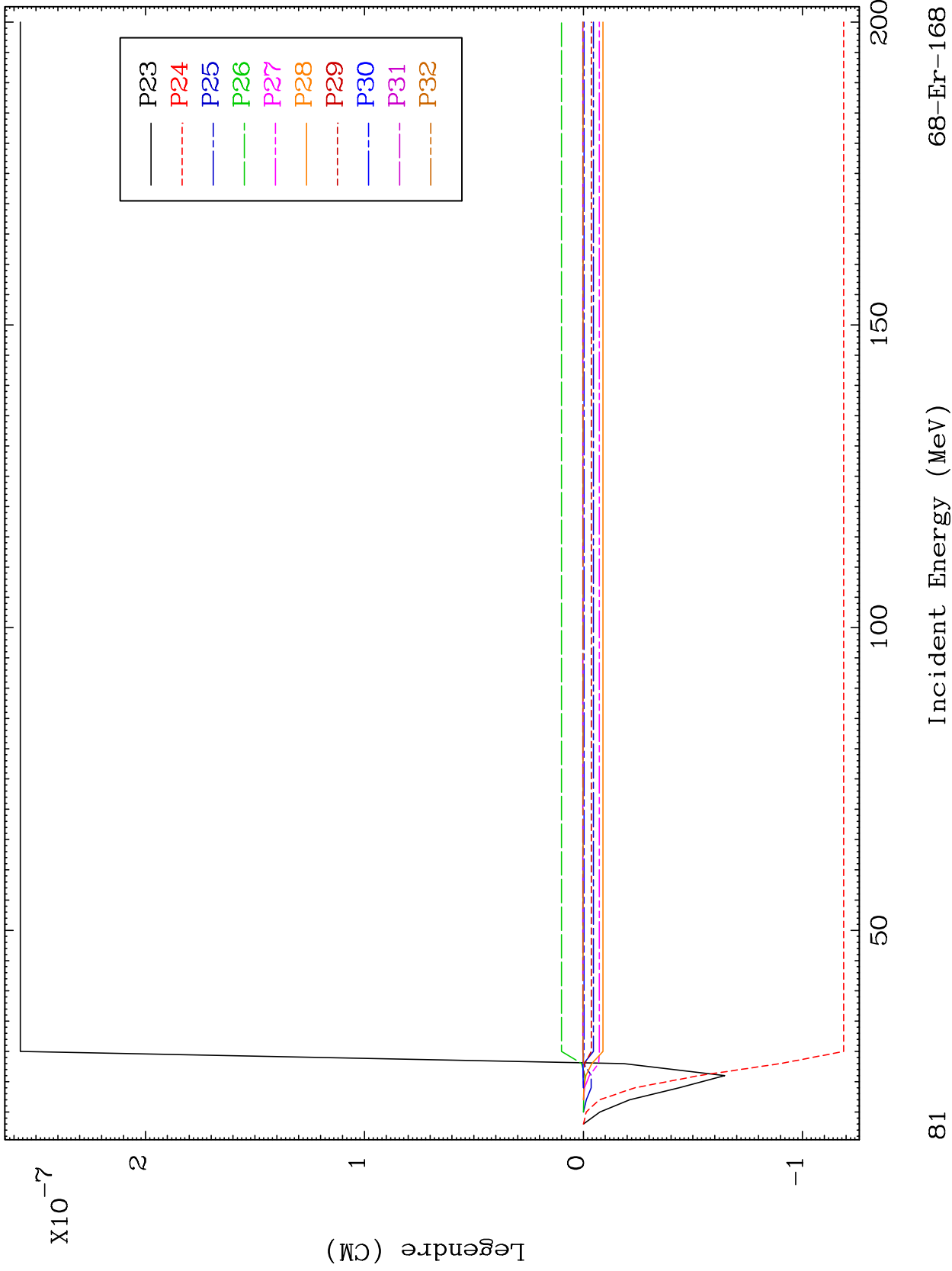
Incident Energy (MeV)

80

MAT 6843

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

68-Er-168



81

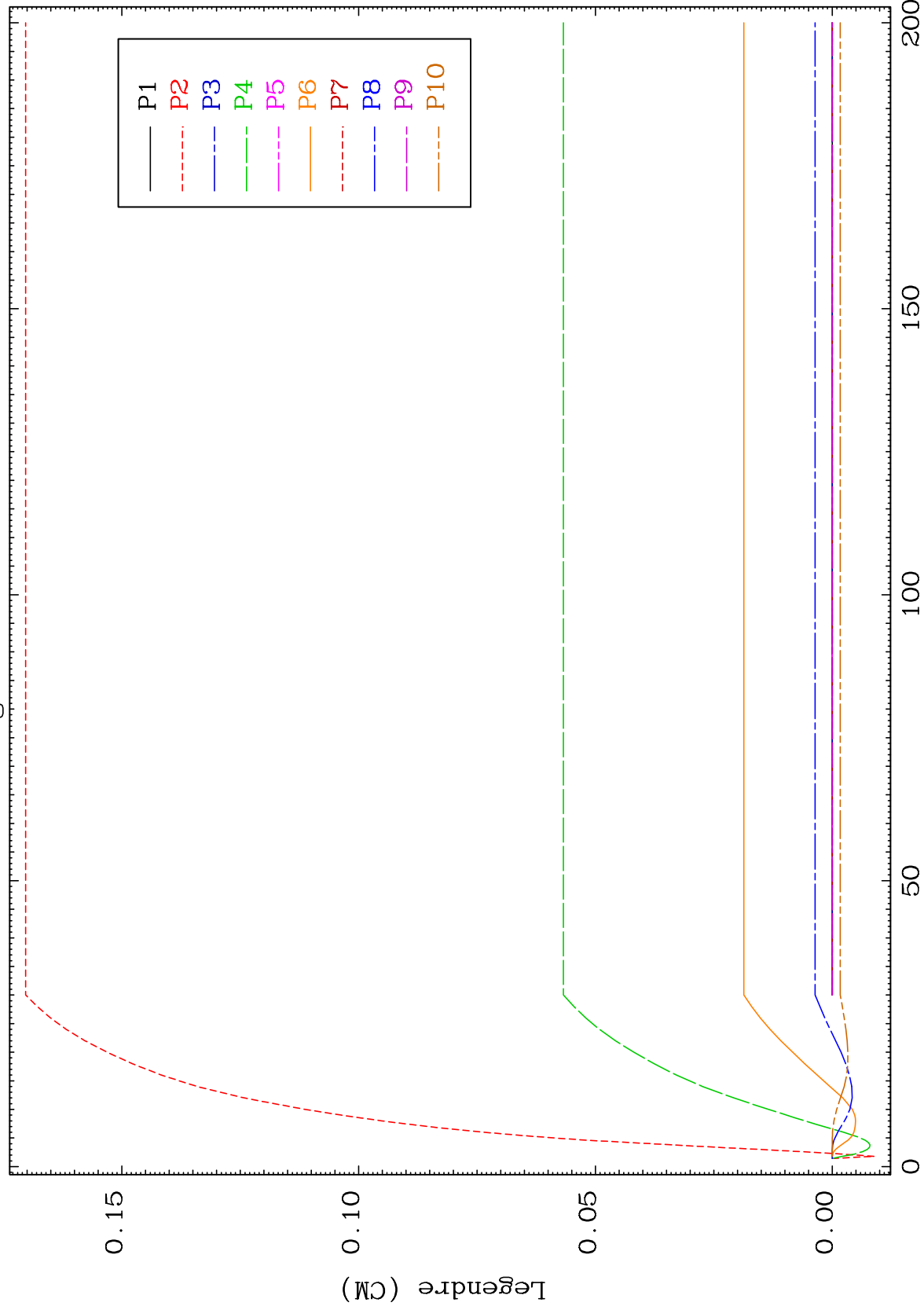
Incident Energy (MeV)

68-Er-168

MAT 6843

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

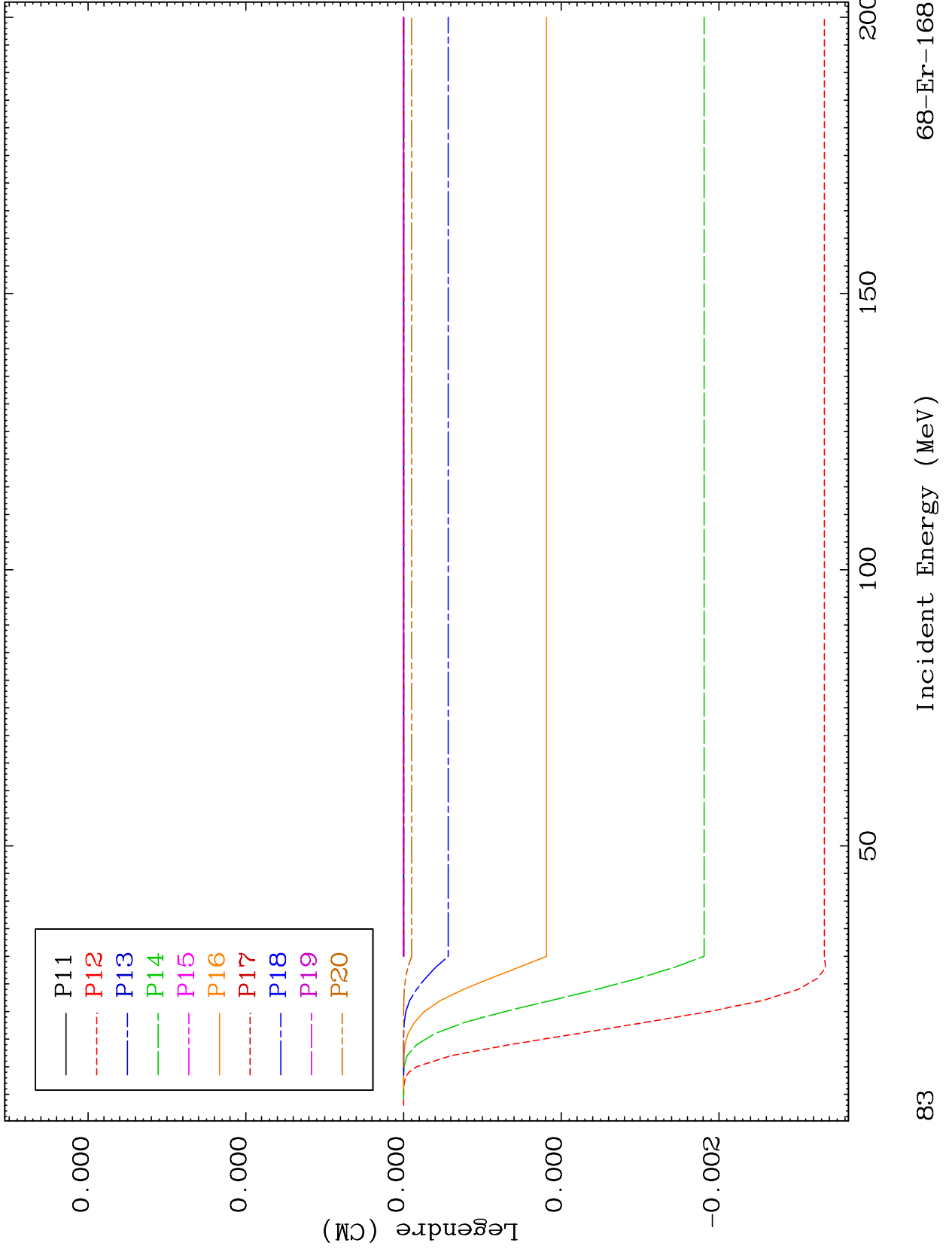
68-Er-168

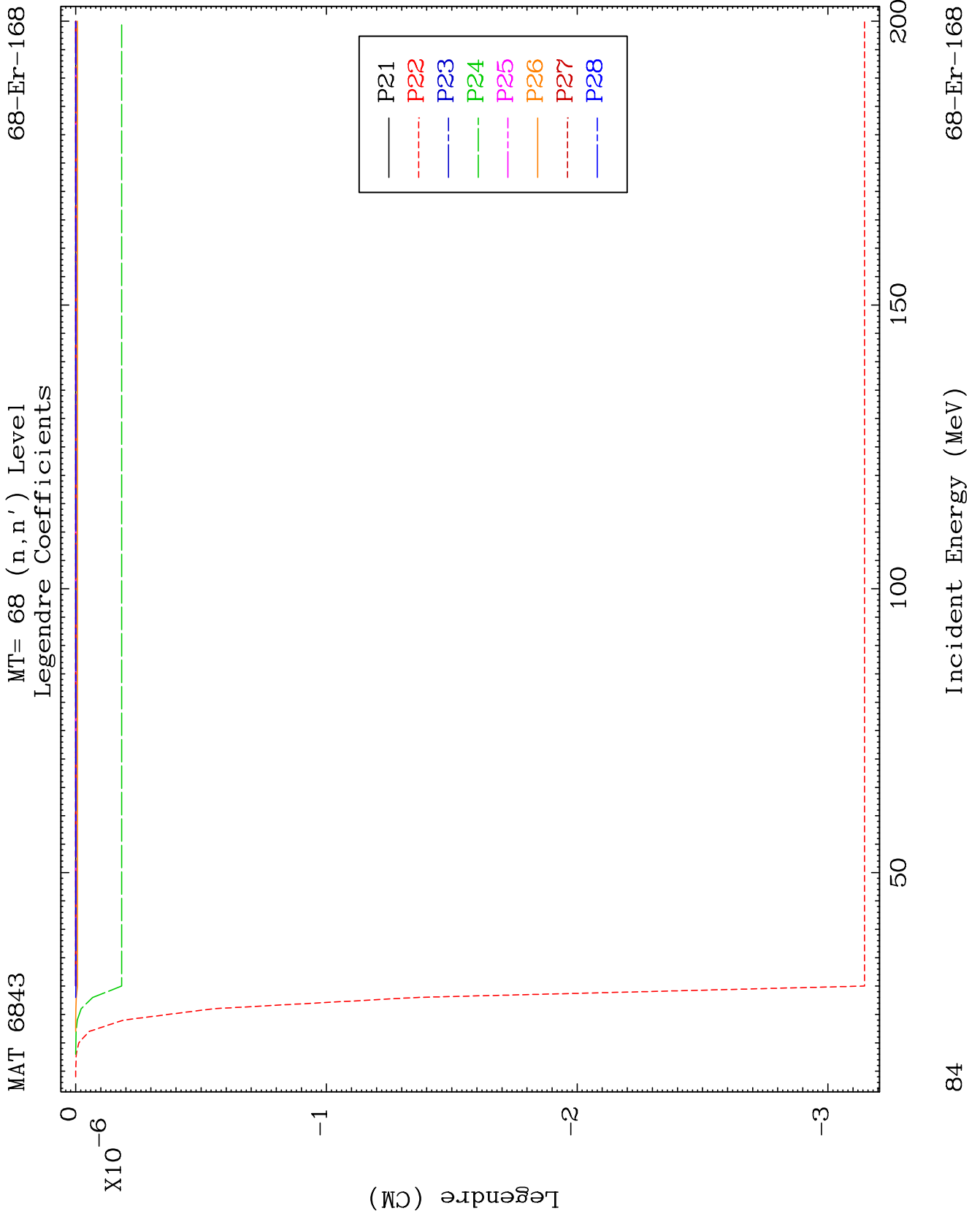


82

Incident Energy (MeV)

68-Er-168

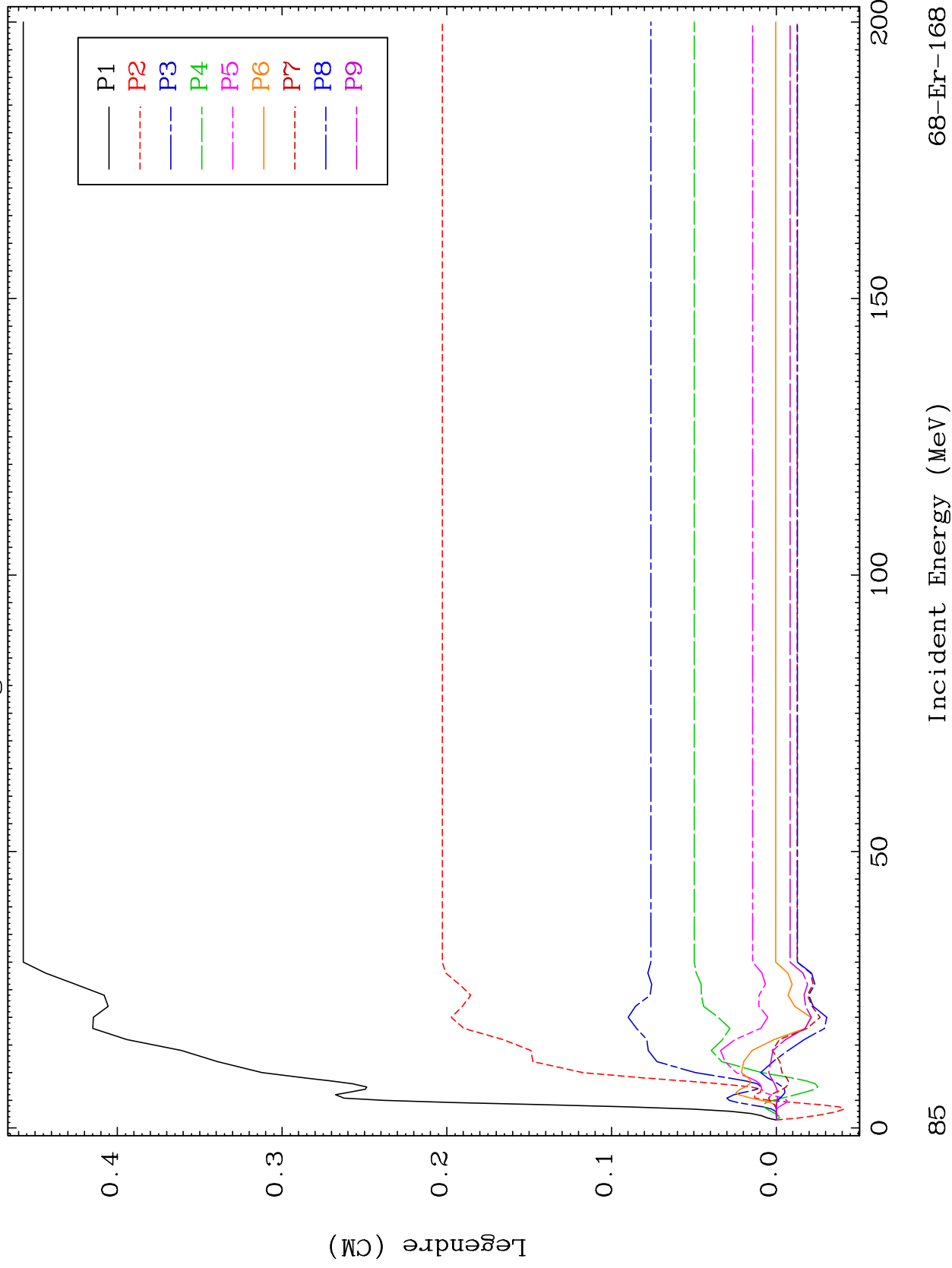




MAT 6843

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

68-Er-168



68-Er-168

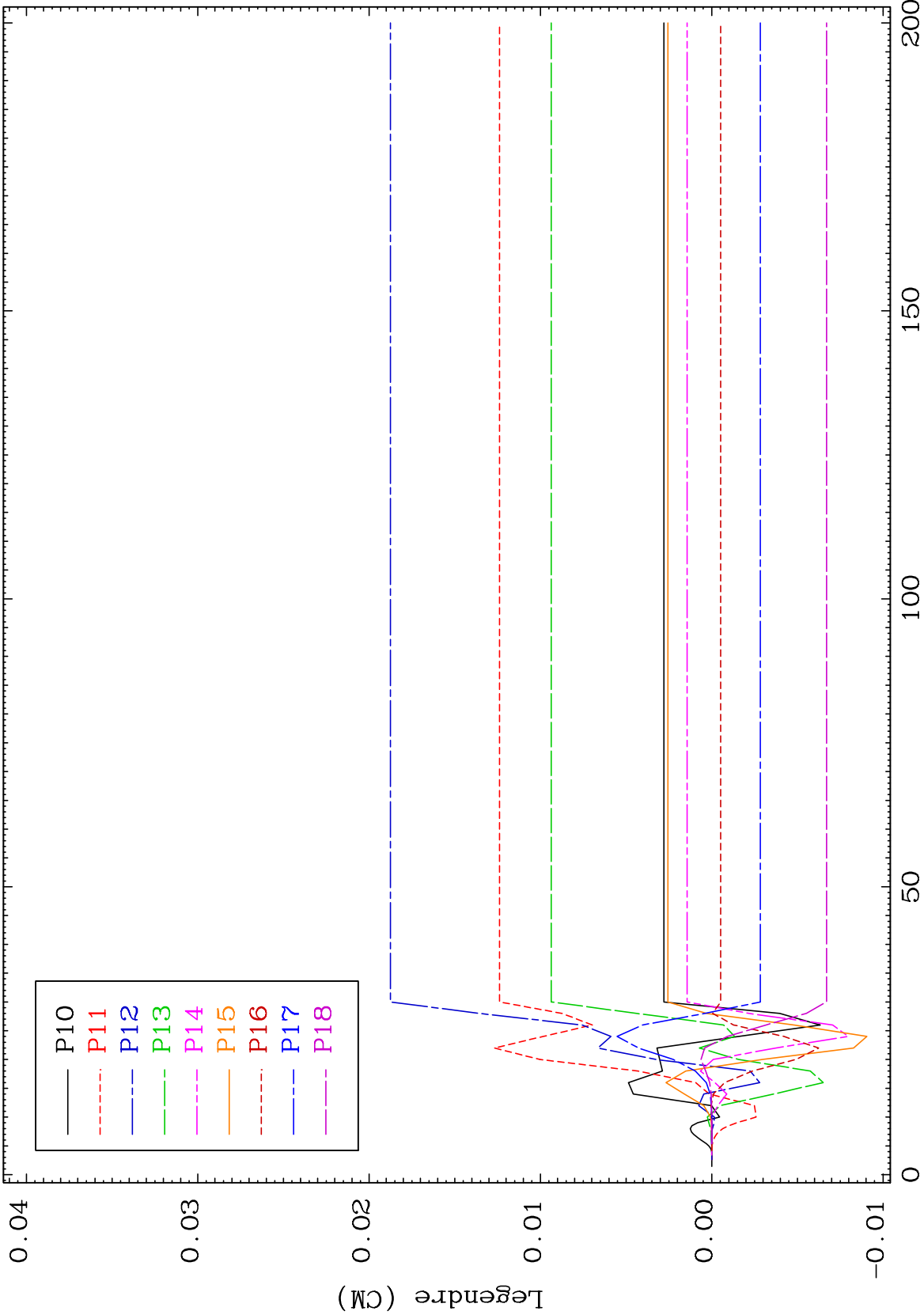
Incident Energy (MeV)

85

MAT 6843

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

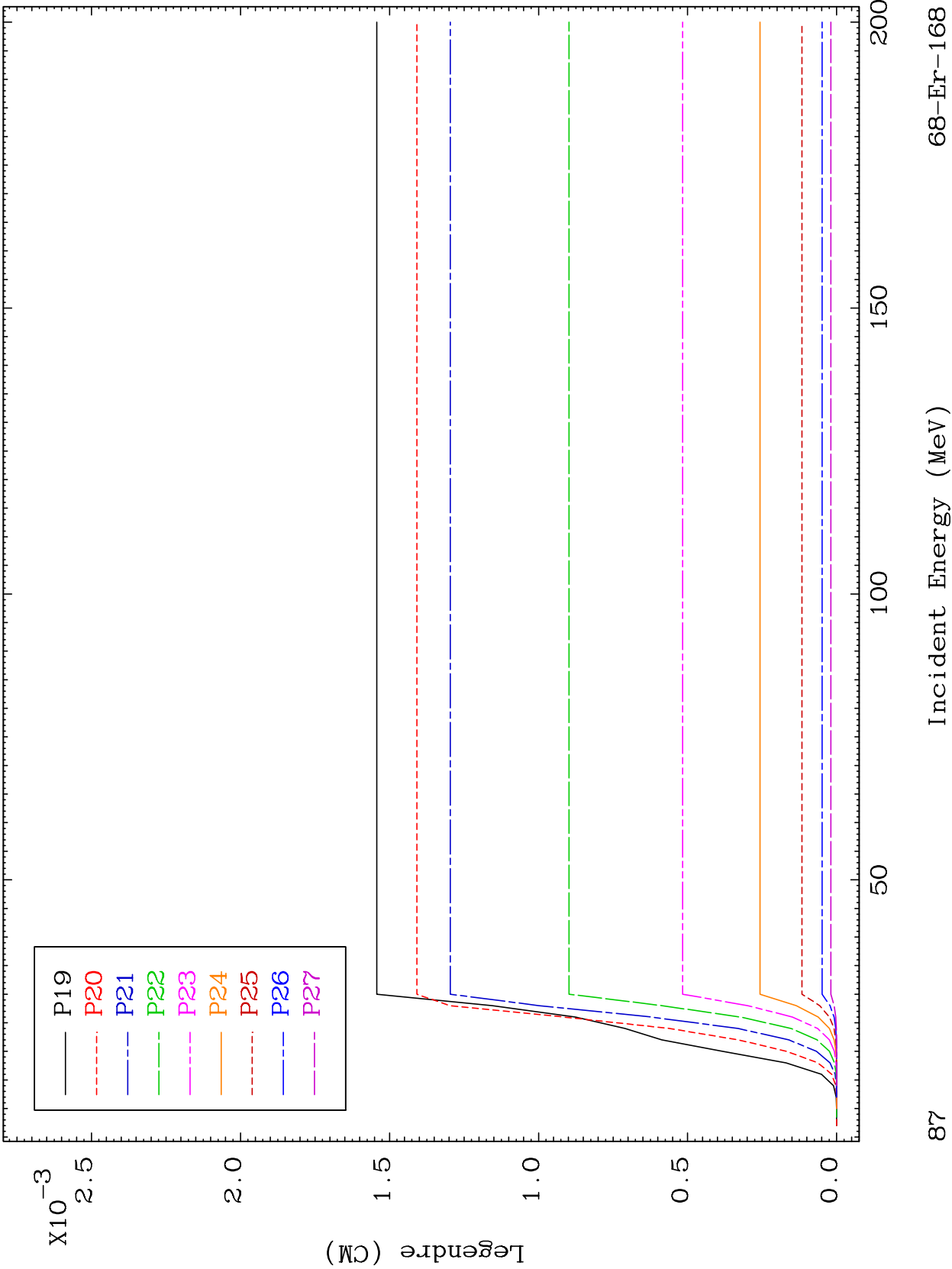
68-Er-168



86

Incident Energy (MeV)

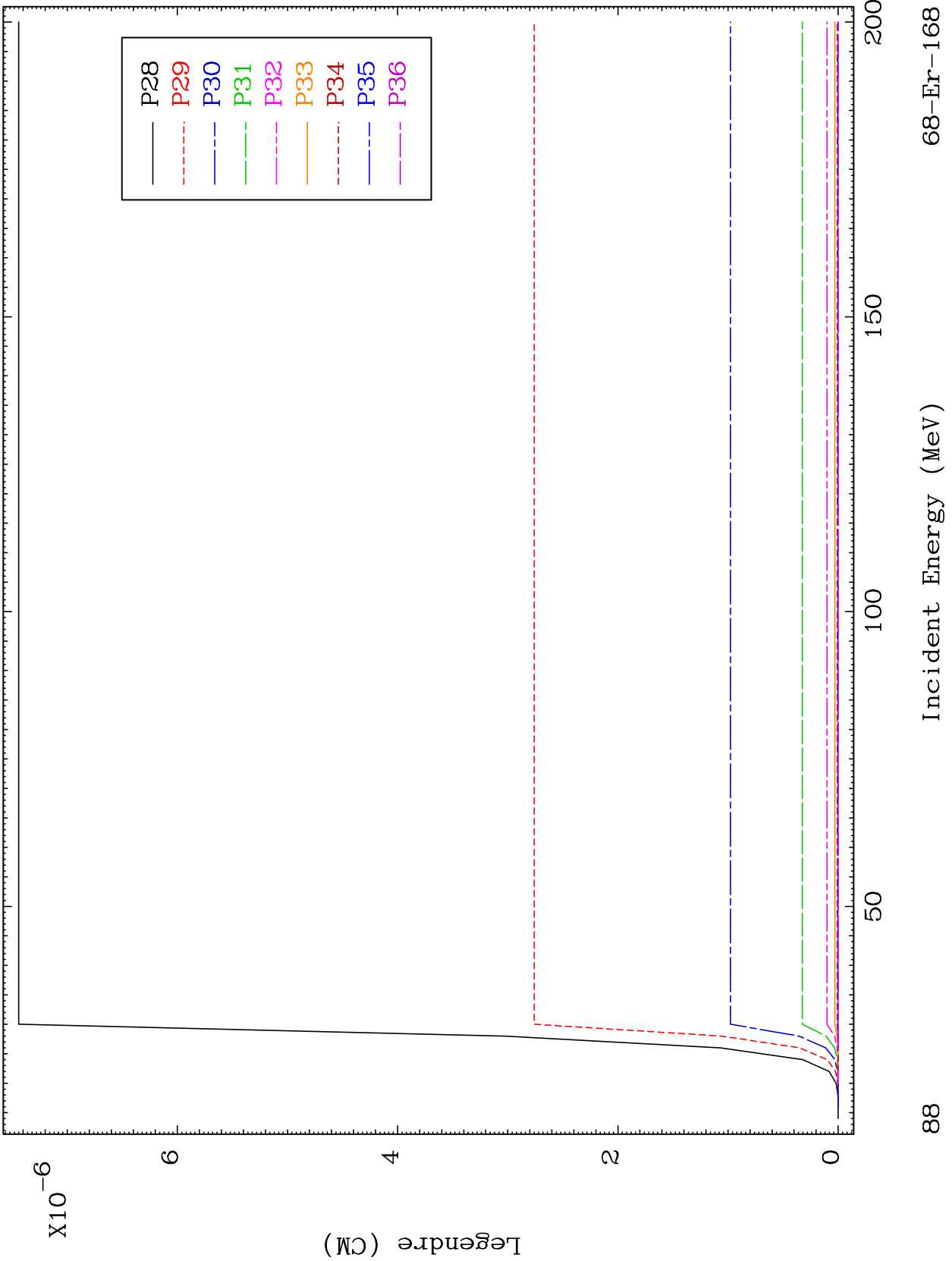
68-Er-168



MAT 6843

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

68-Er-168



88

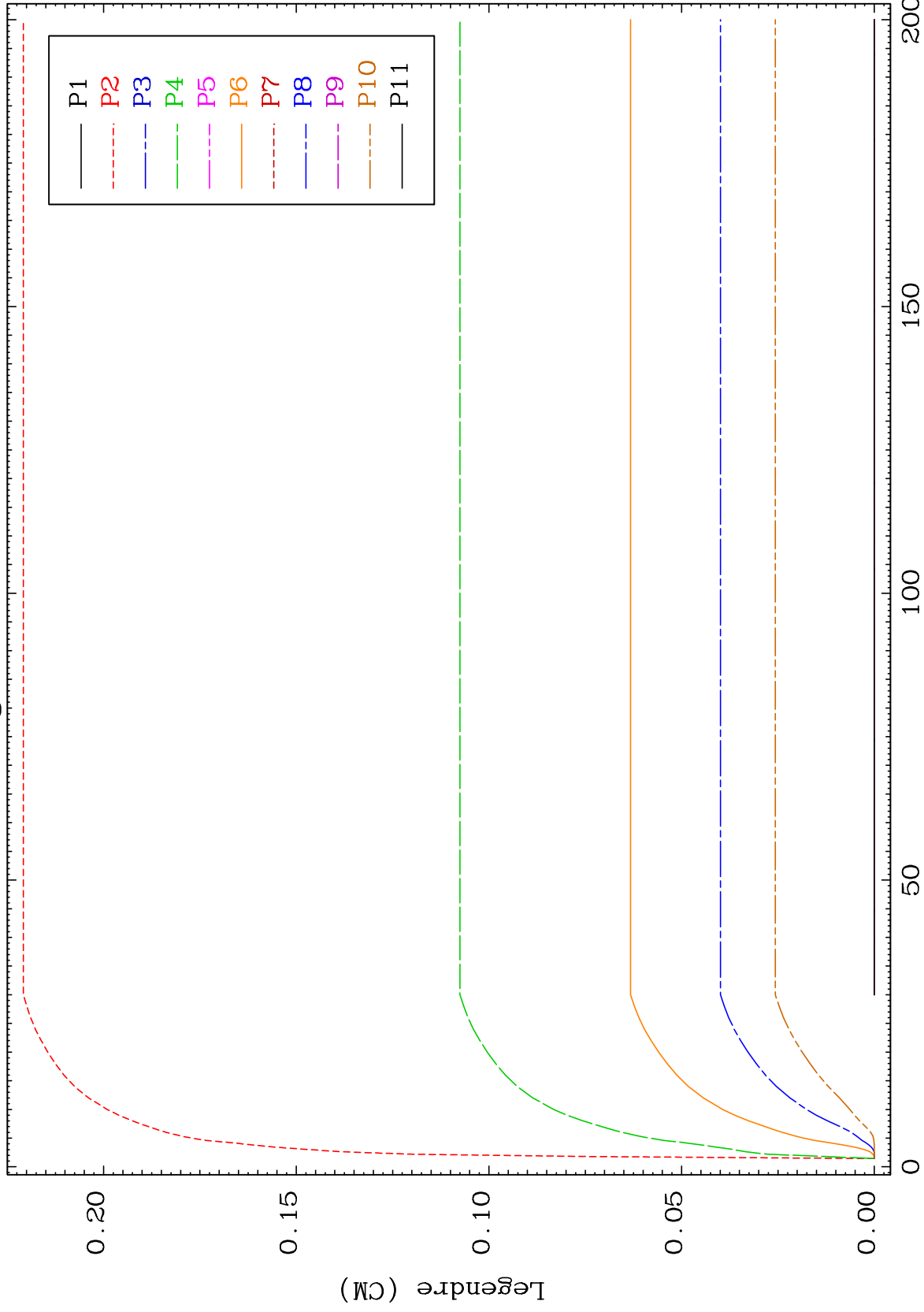
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



89

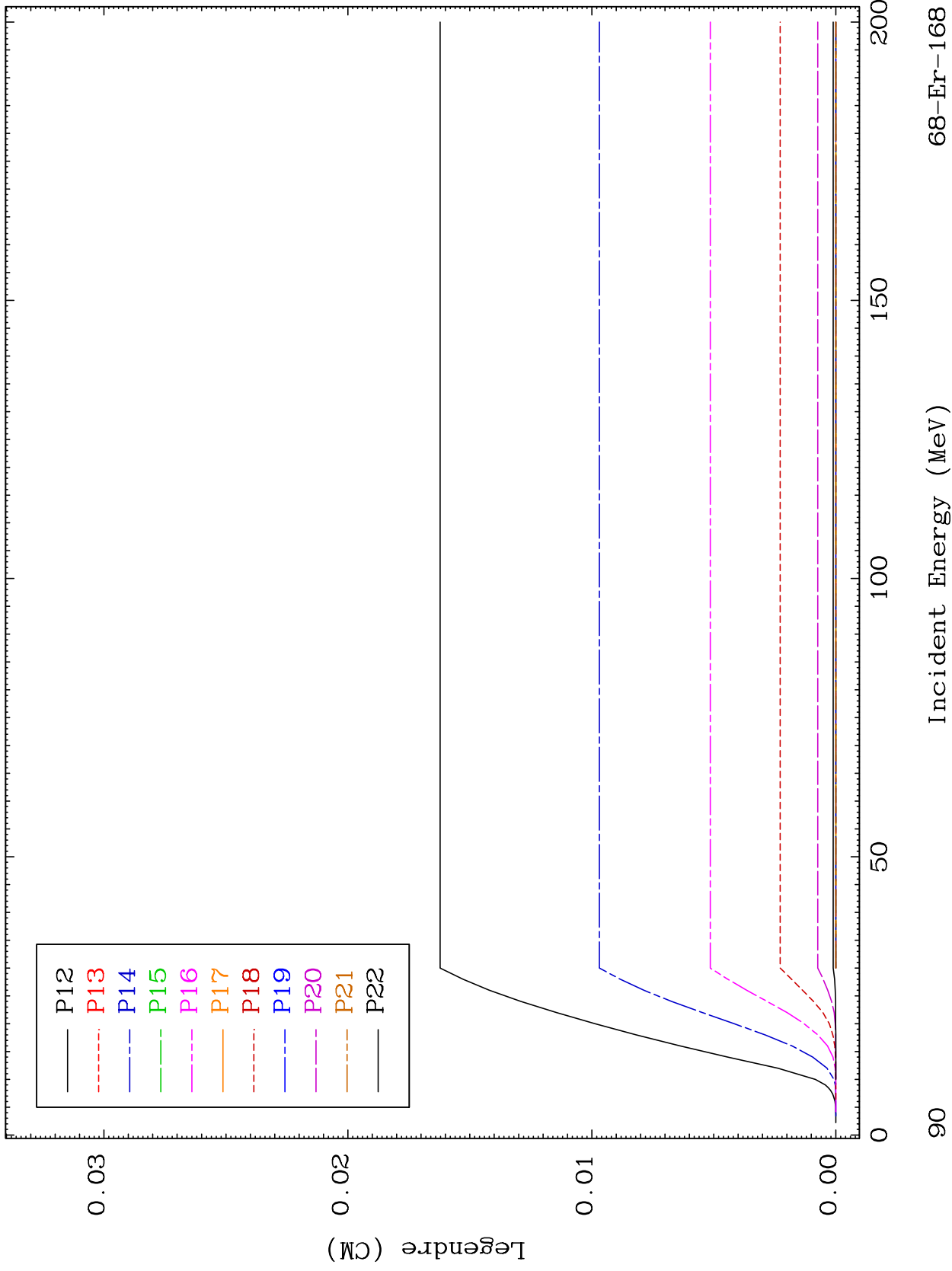
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



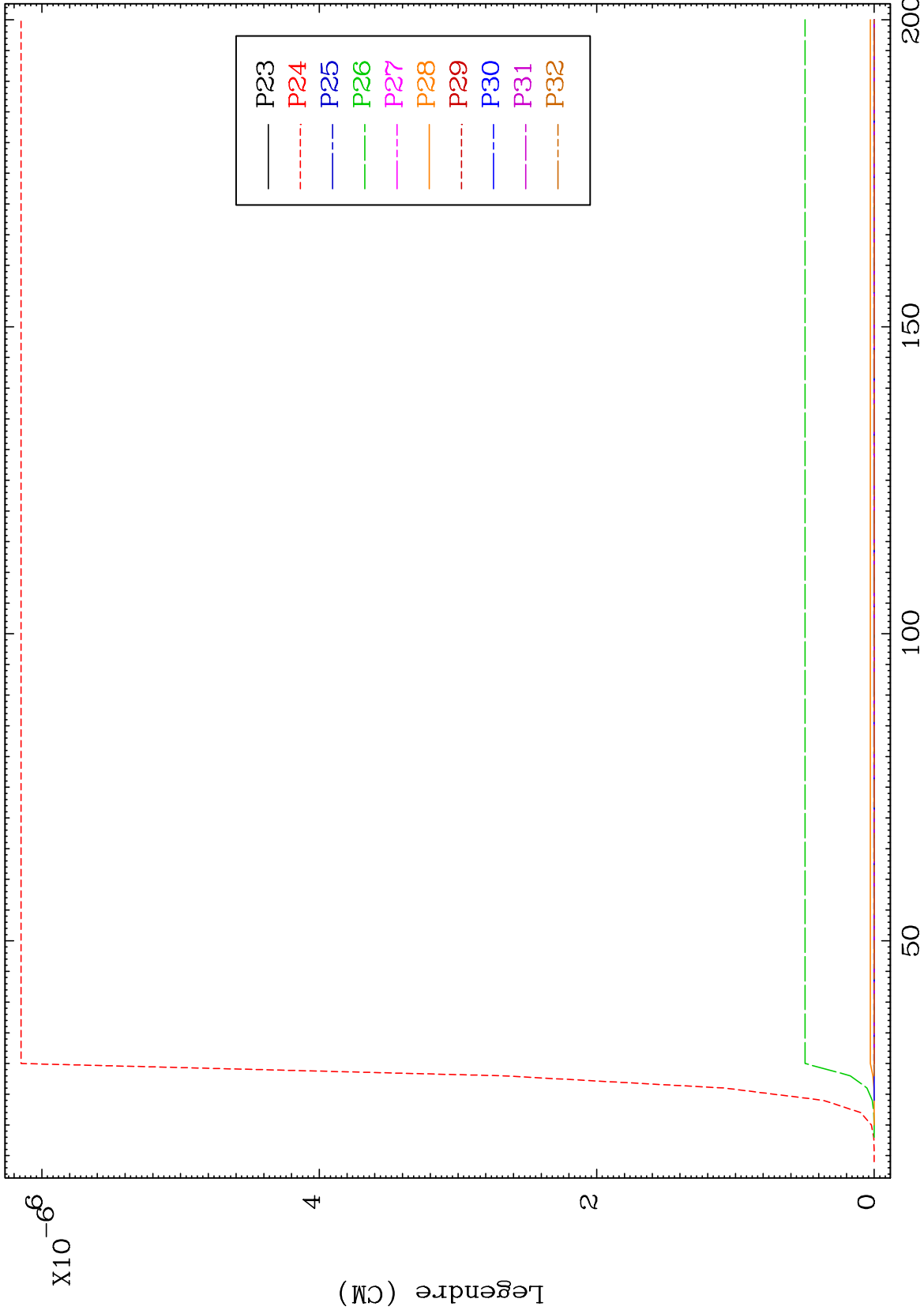
68-Er-168

Incident Energy (MeV)

MAT 6843

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

68-Er-168



91

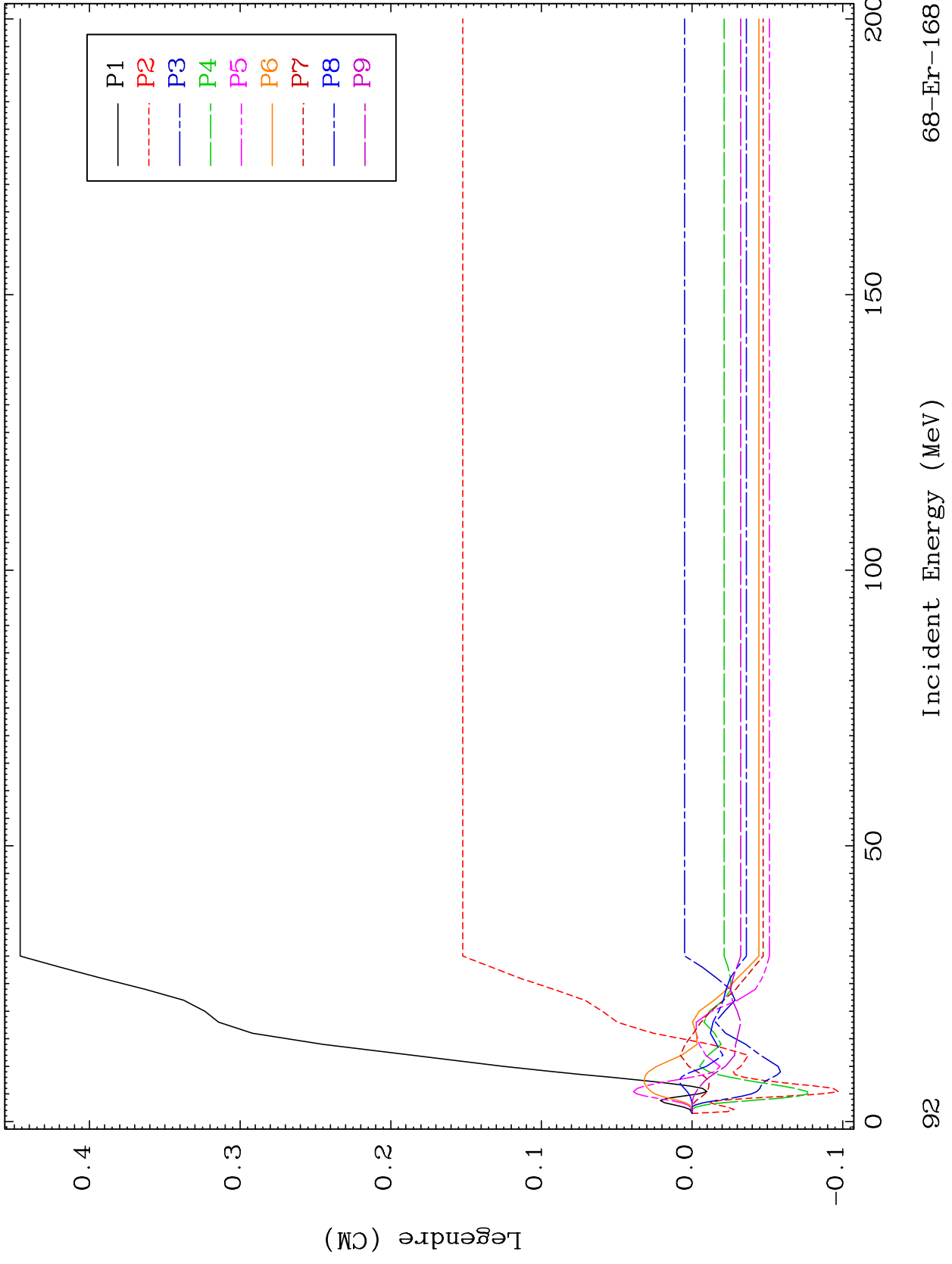
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



92

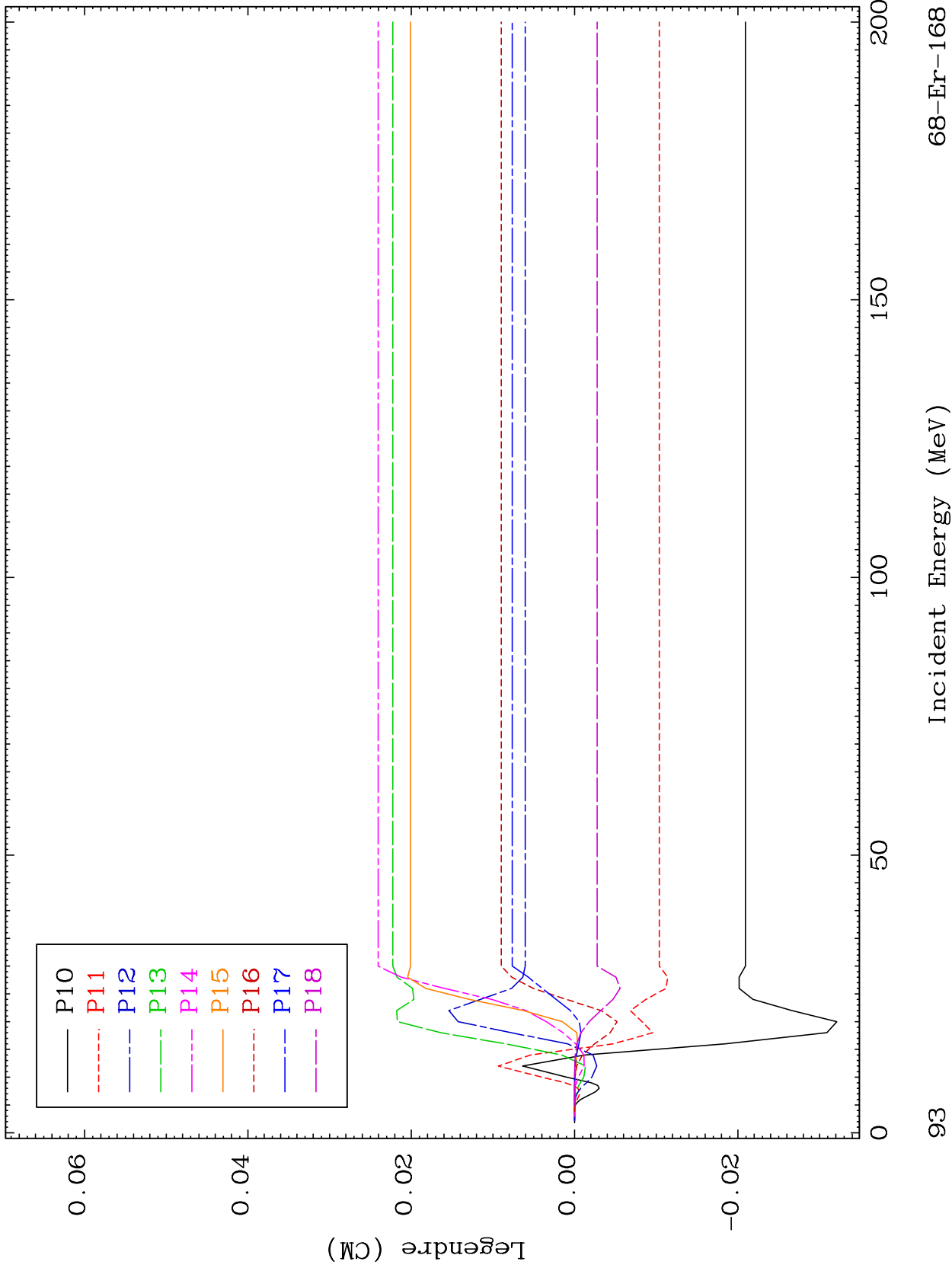
Incident Energy (MeV)

68-Er-168

MAT 6843

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

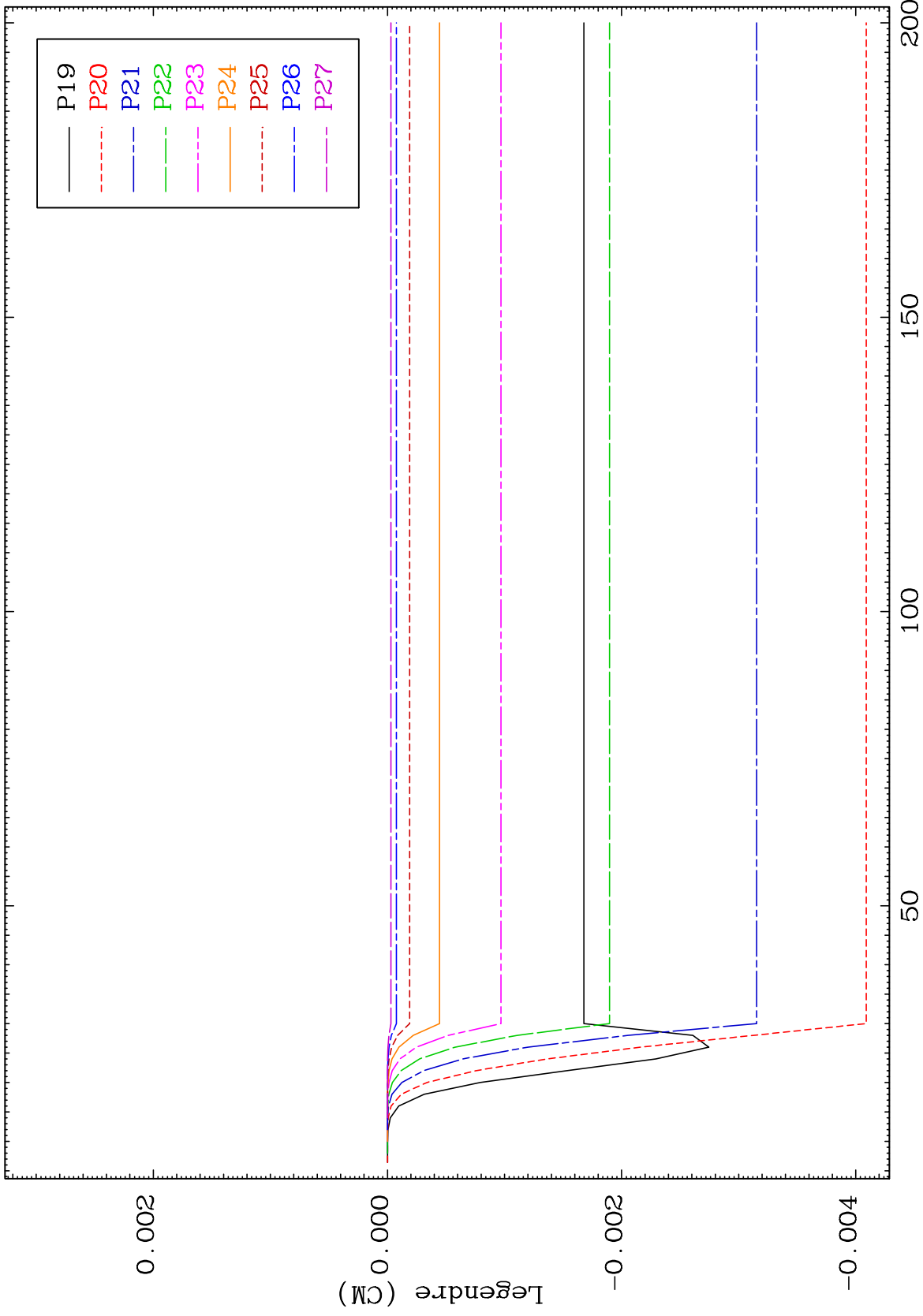
68-Er-168



MAT 6843

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

68-Er-168



94

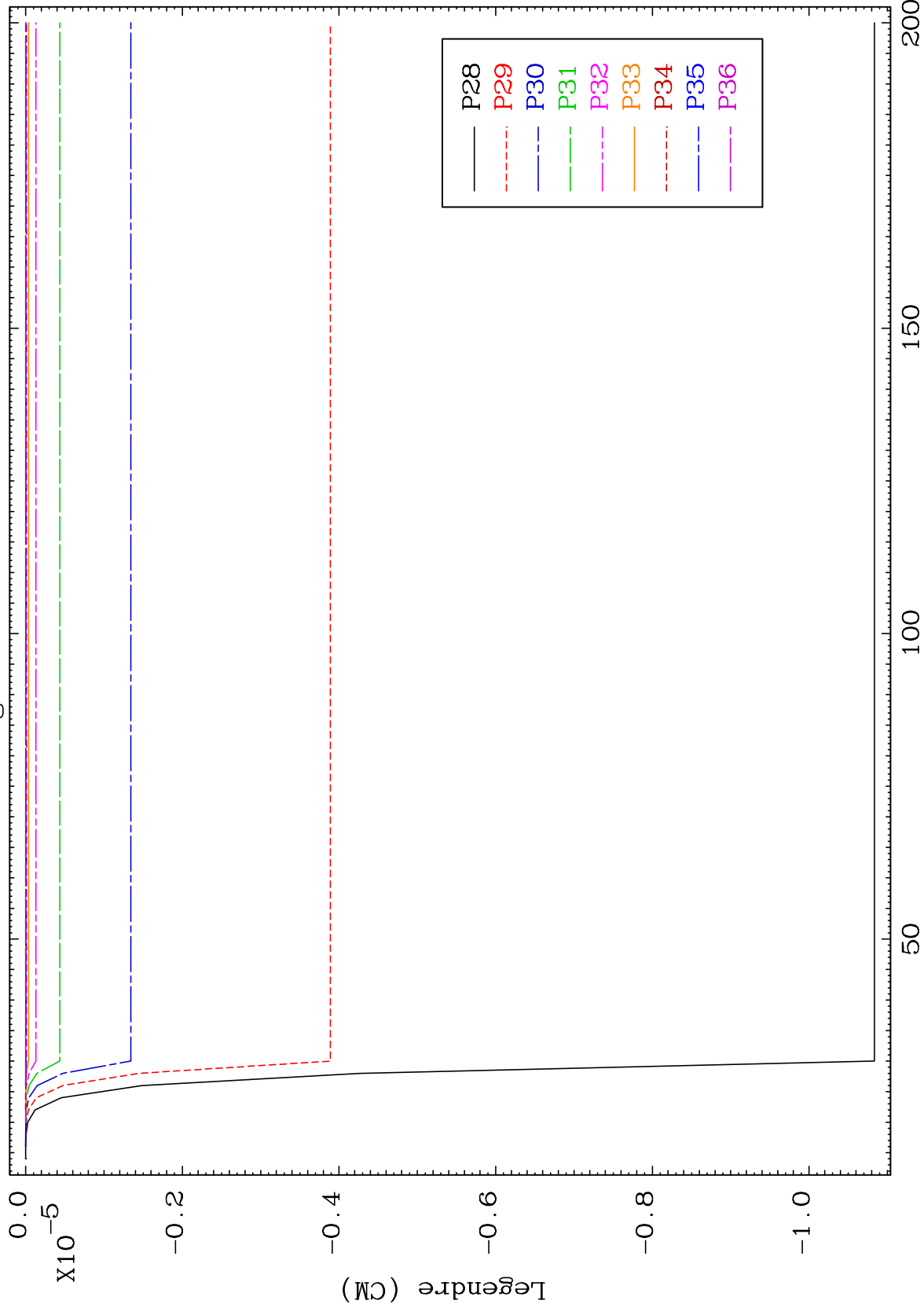
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



95

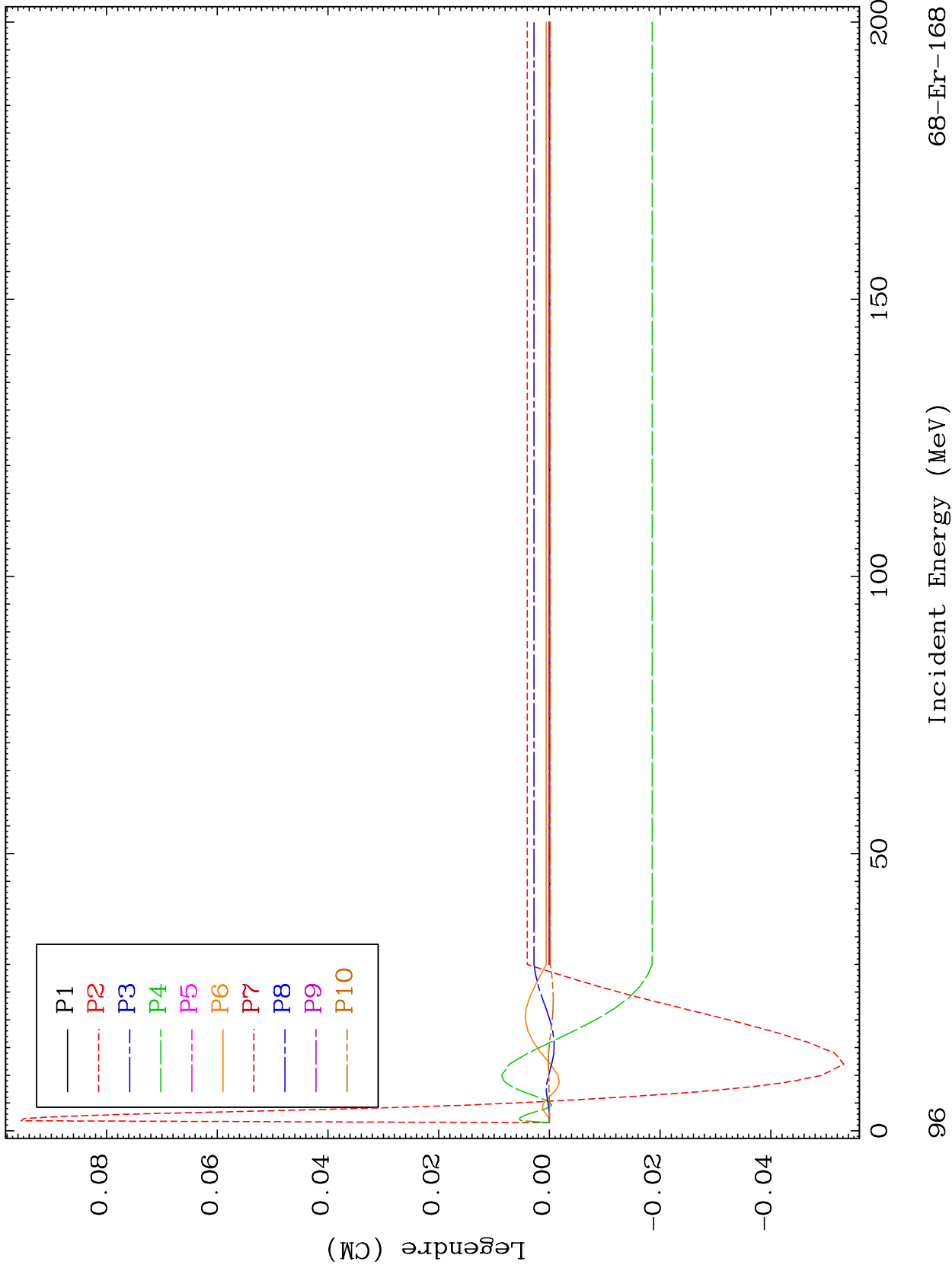
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



68-Er-168

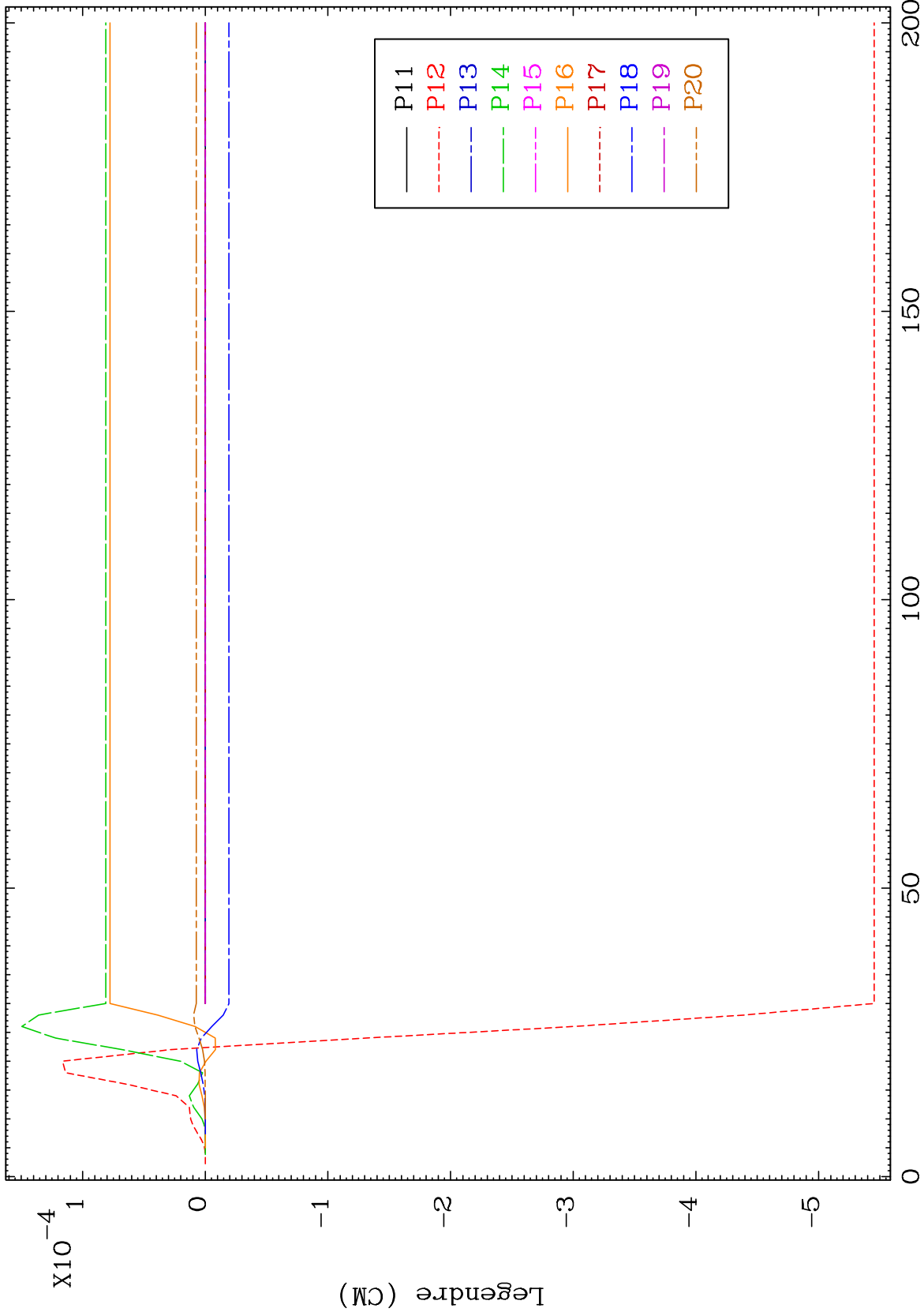
Incident Energy (MeV)

96

MAT 6843

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

68-Er-168



97

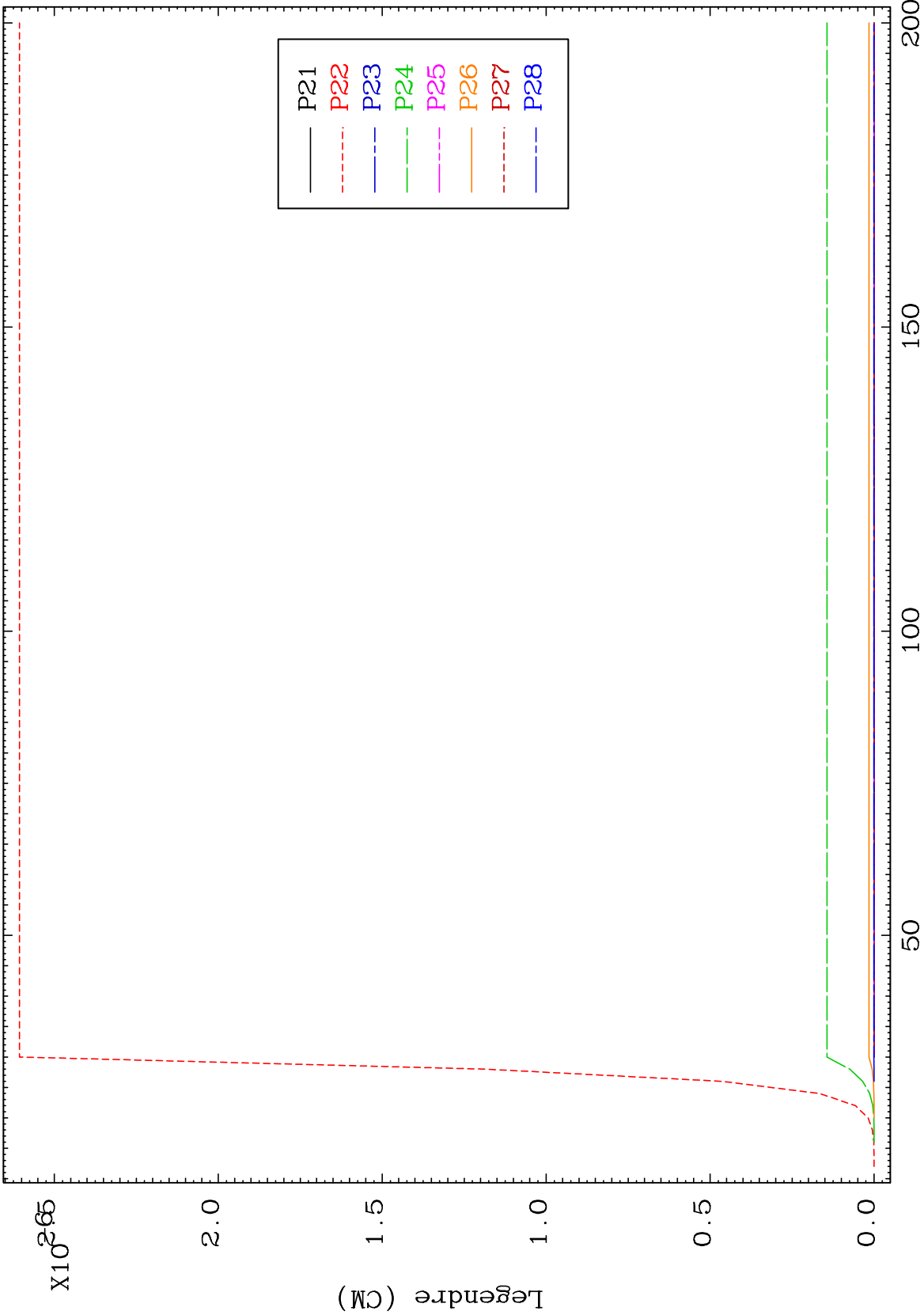
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



98

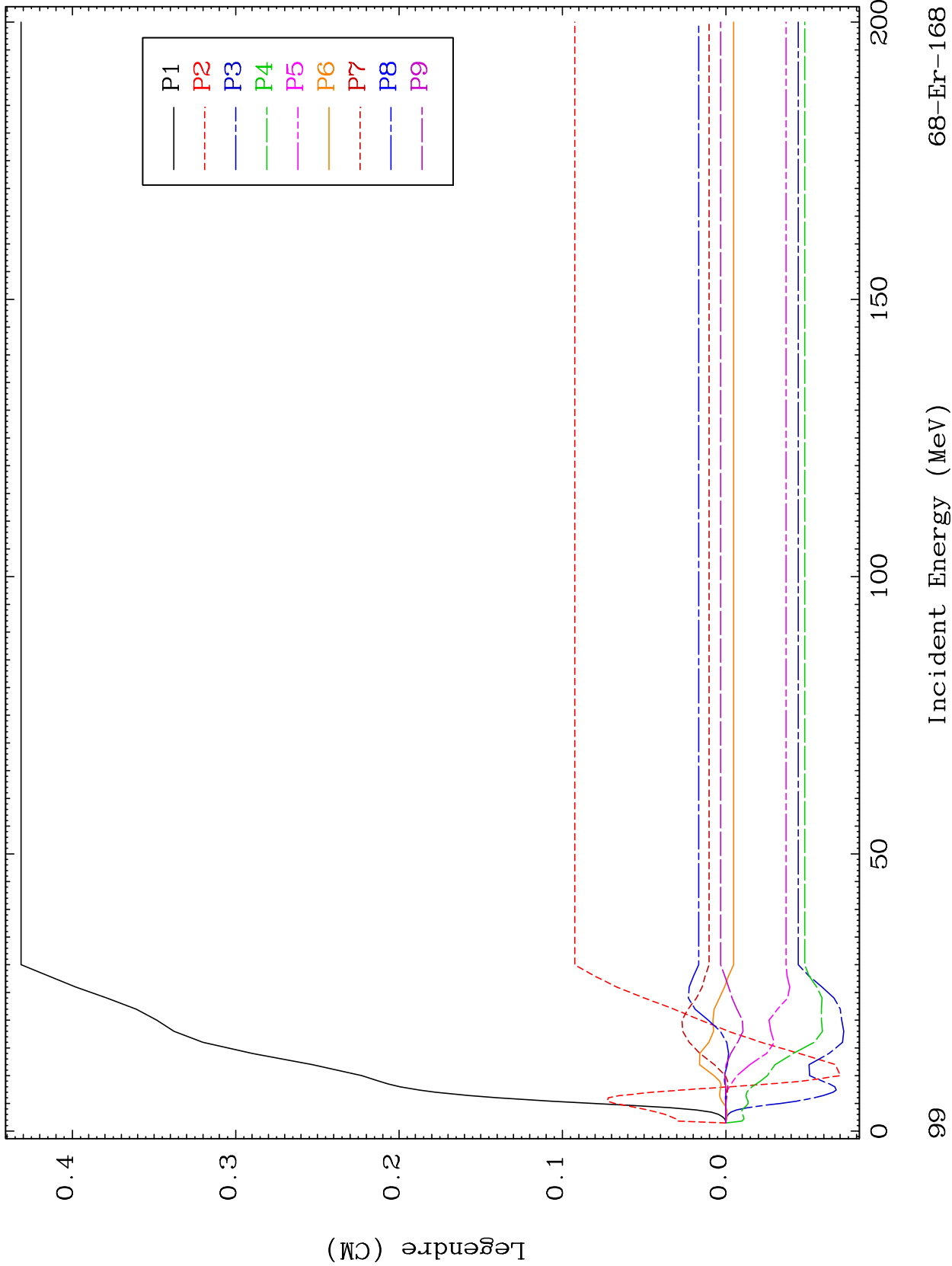
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



68-Er-168

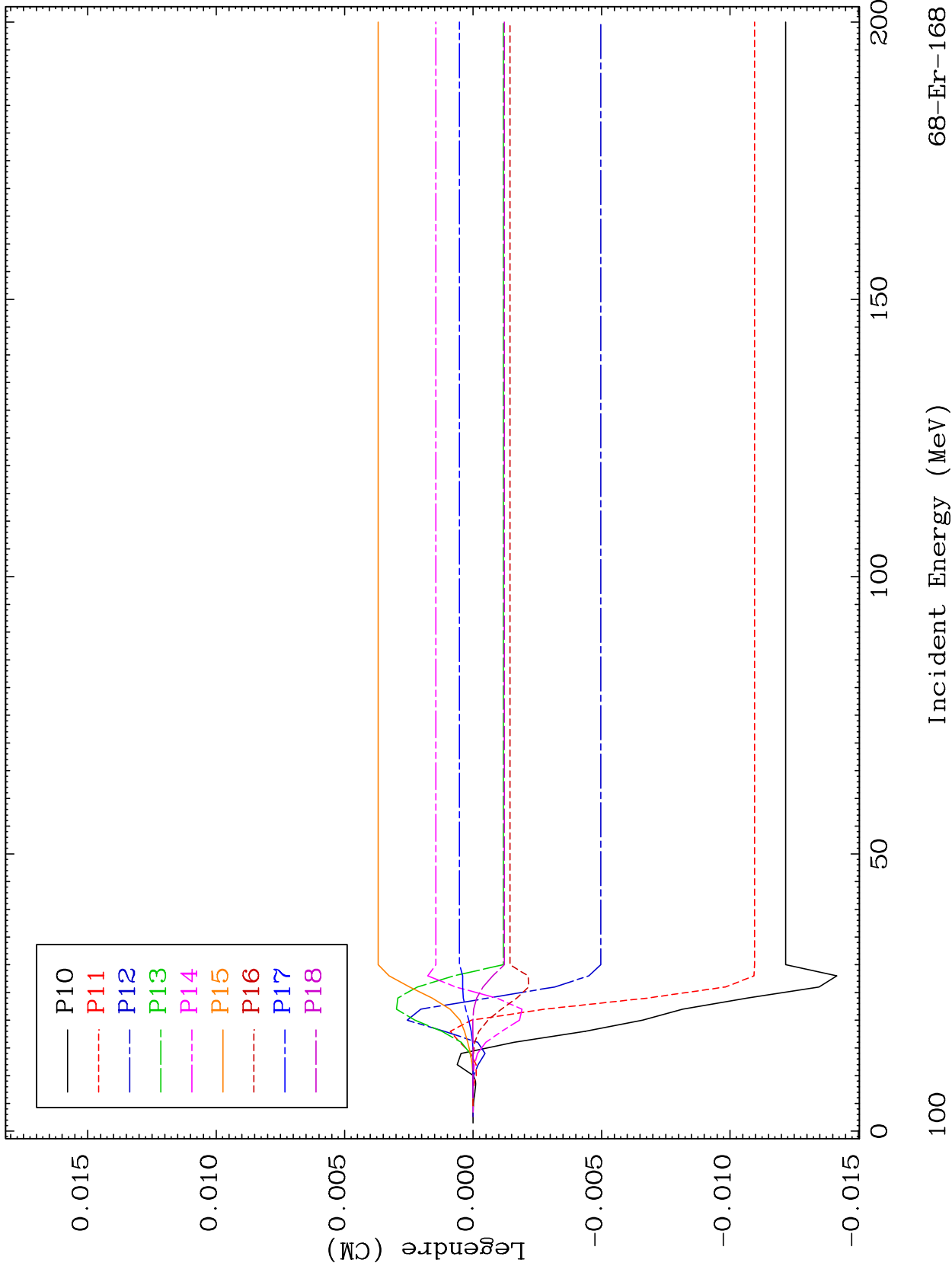
Incident Energy (MeV)

99

MAT 6843

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

68-Er-168



68-Er-168

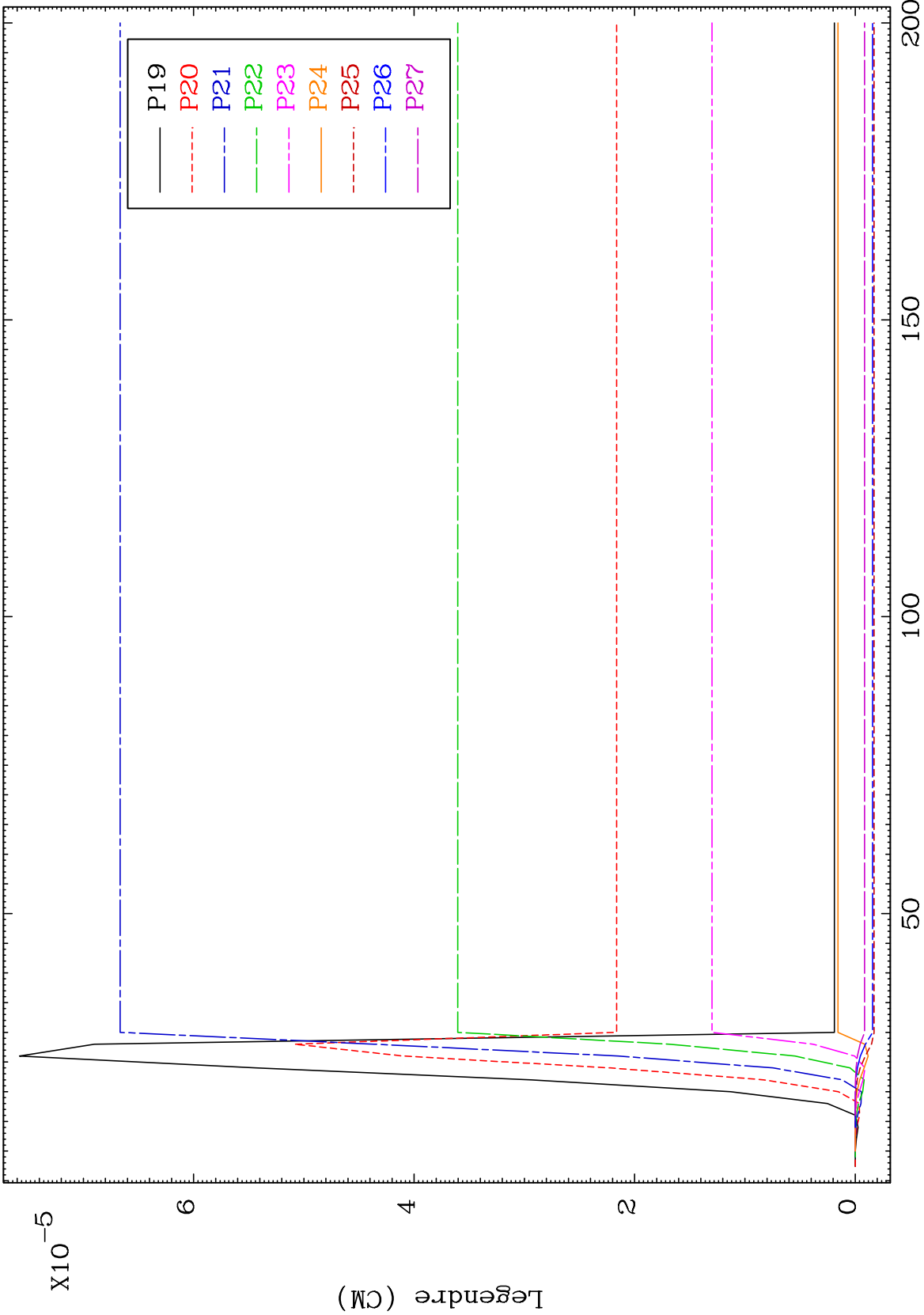
Incident Energy (MeV)

100

MAT 6843

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

68-Er-168



101

Incident Energy (MeV)

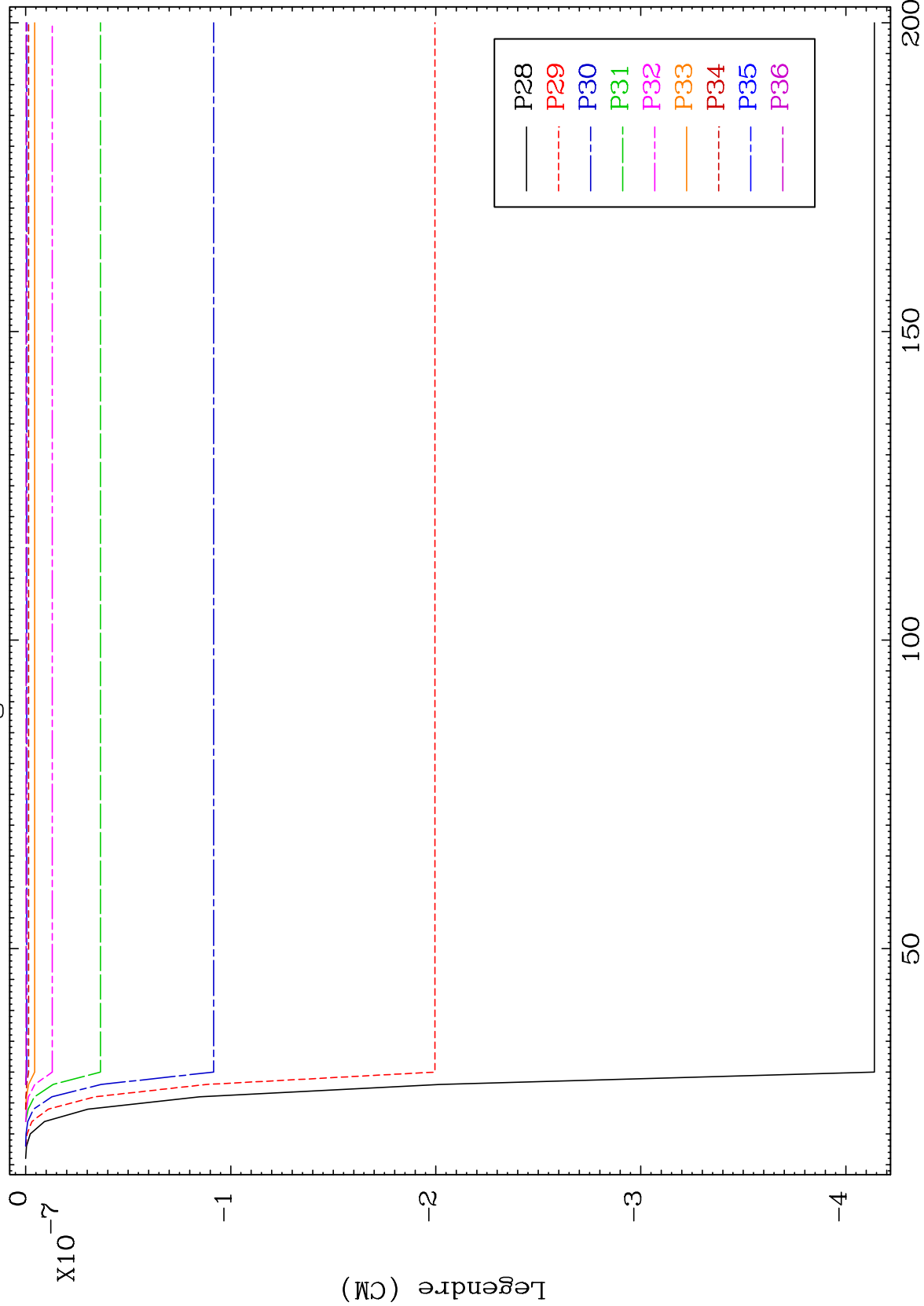
68-Er-168

MAT 6843

MT= 73 (n,n') Level

68-Er-168

Legendre Coefficients



68-Er-168

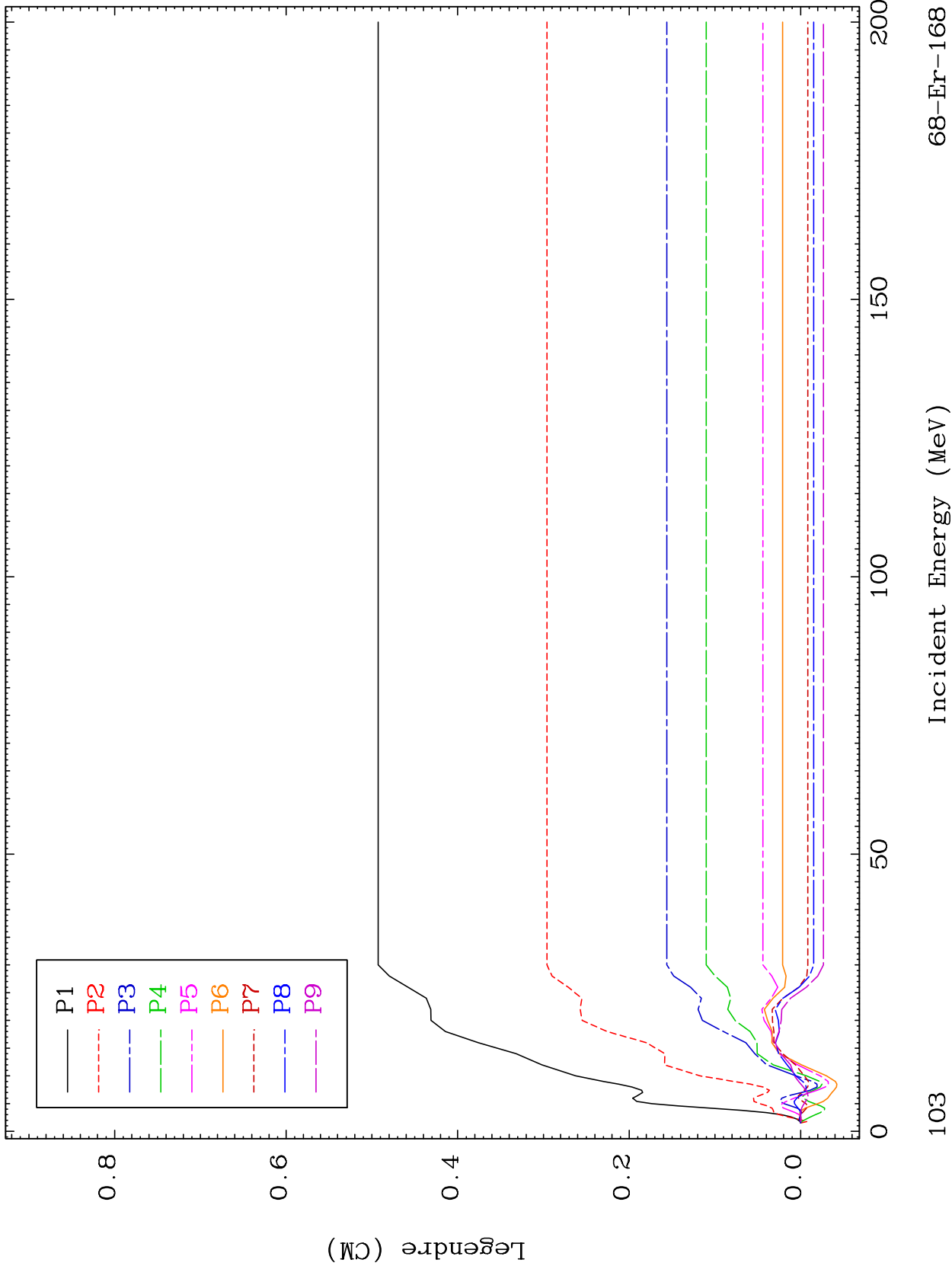
Incident Energy (MeV)

102

MAT 6843

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

68-Er-168



68-Er-168

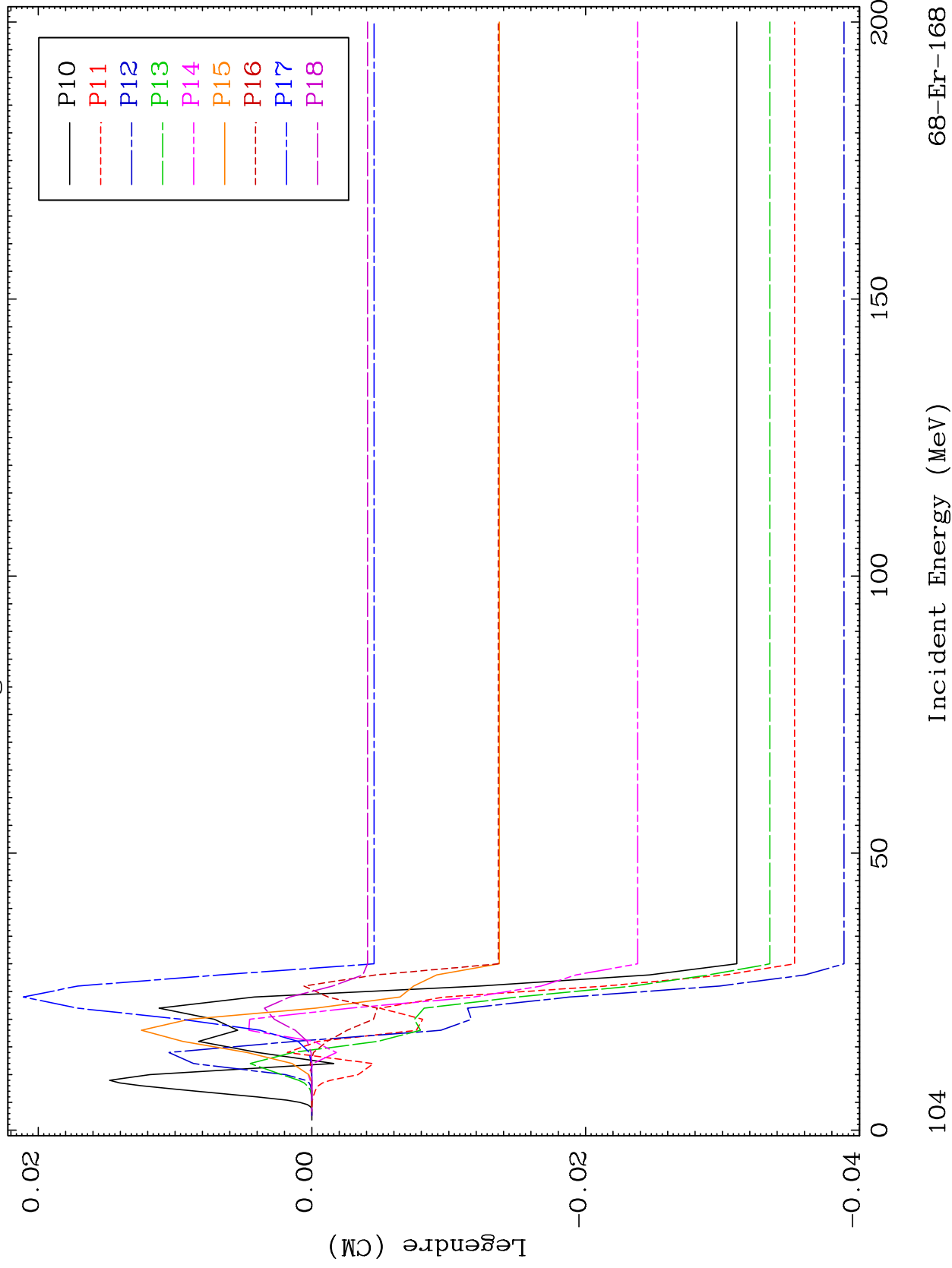
Incident Energy (MeV)

103

MAT 6843

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

68-Er-168



104

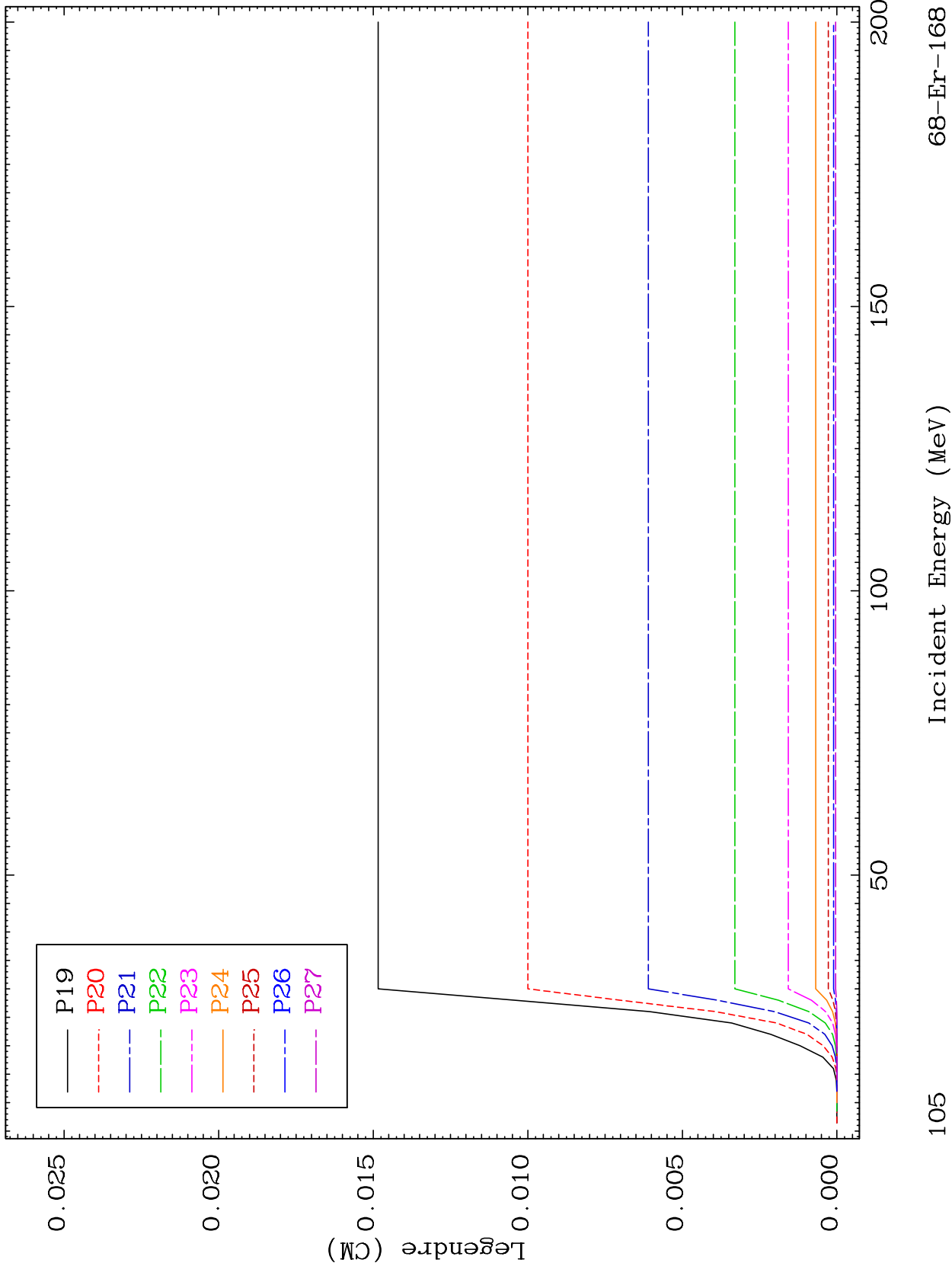
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



68-Er-168

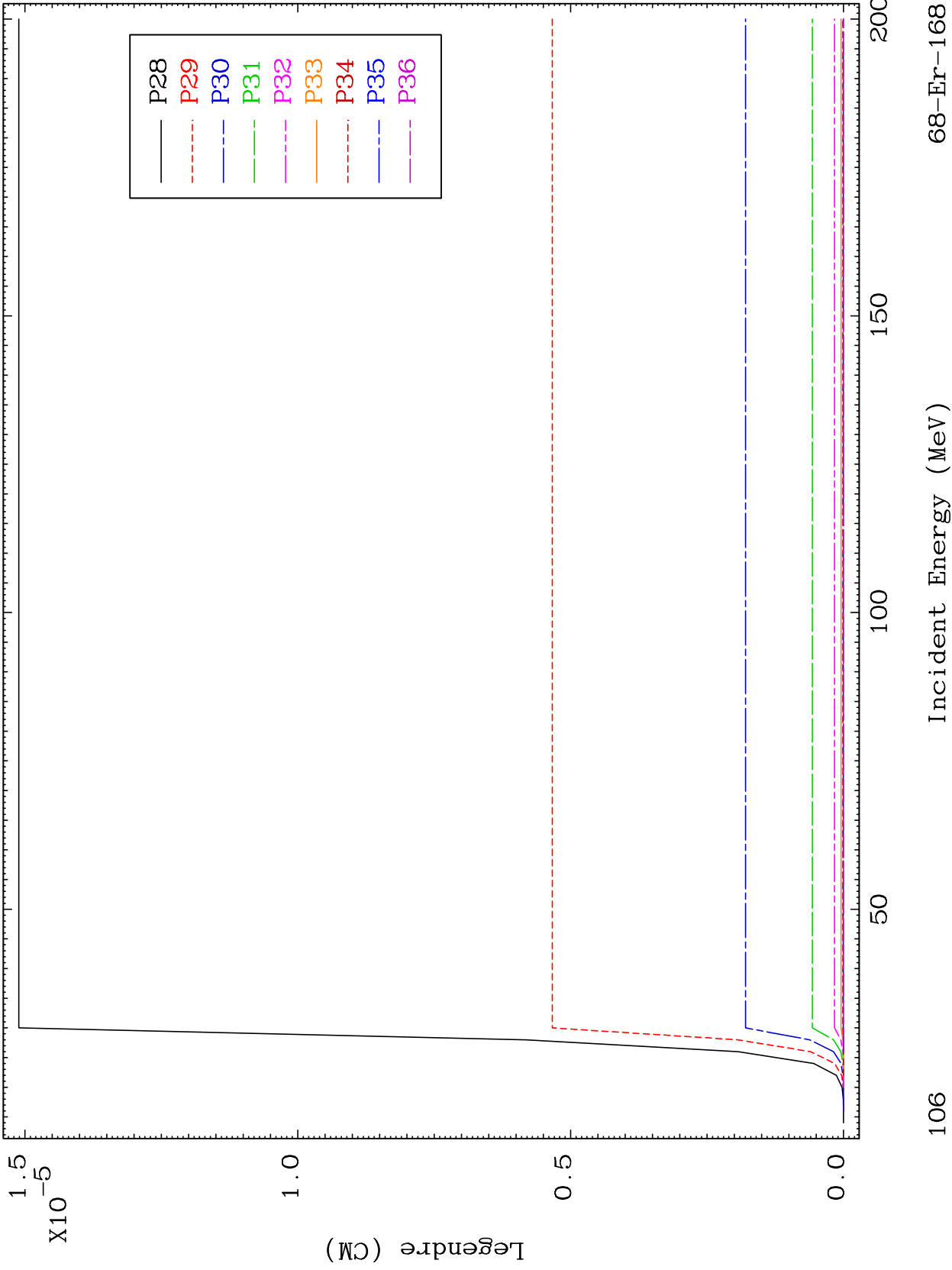
Incident Energy (MeV)

105

MAT 6843

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

68-Er-168

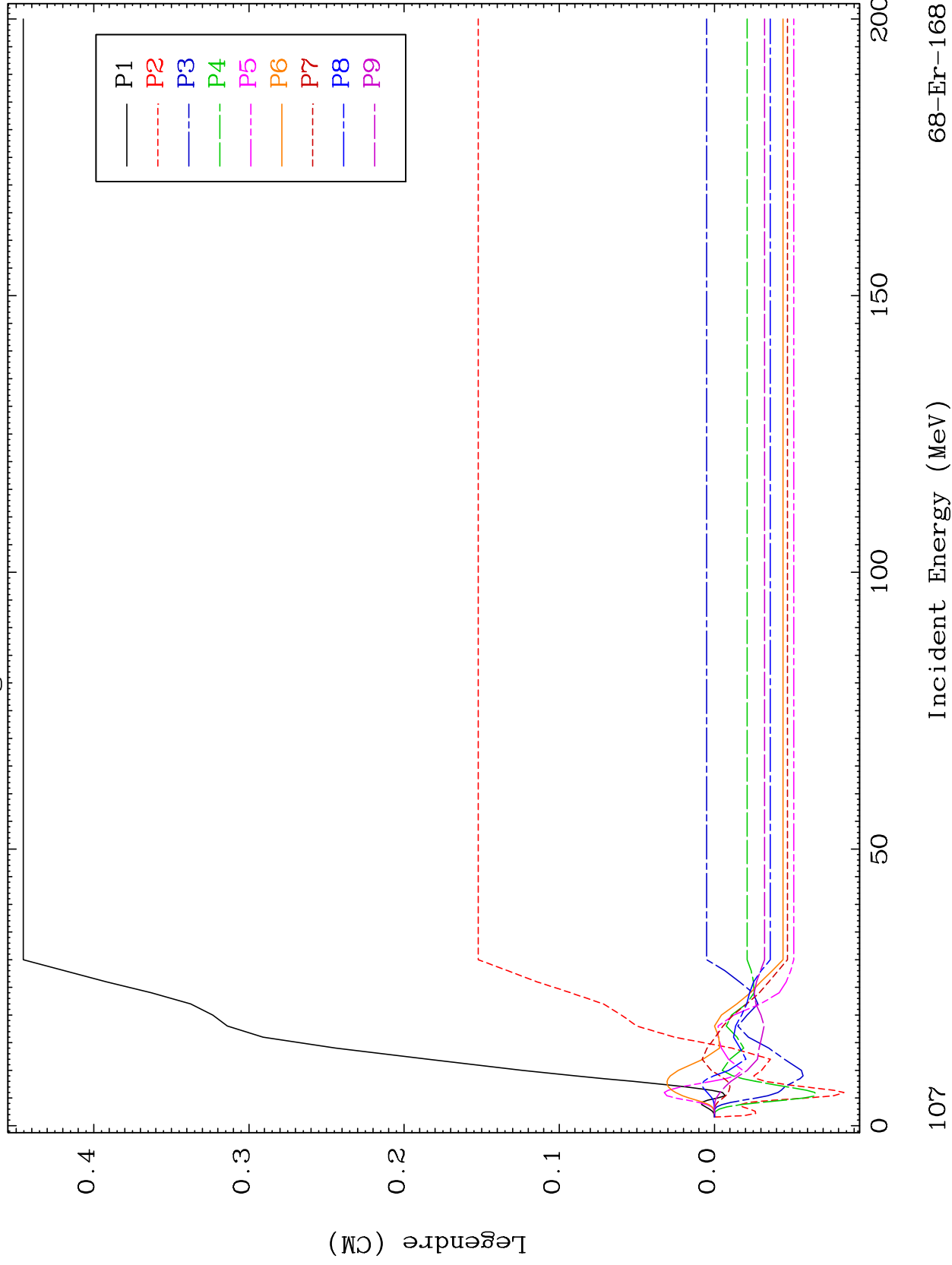


106

MAT 6843

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

68-Er-168



68-Er-168

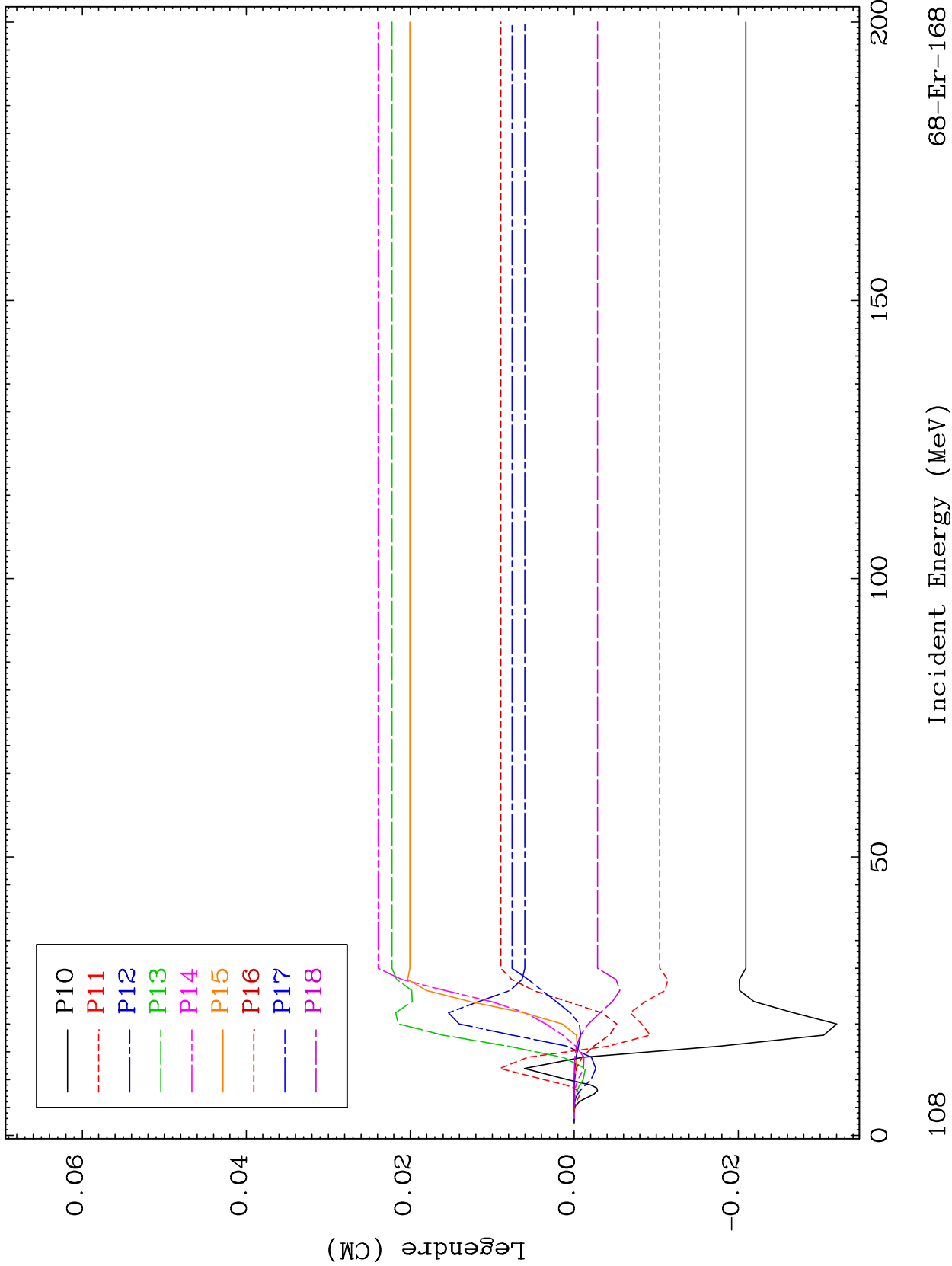
Incident Energy (MeV)

107

MAT 6843

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

68-Er-168



68-Er-168

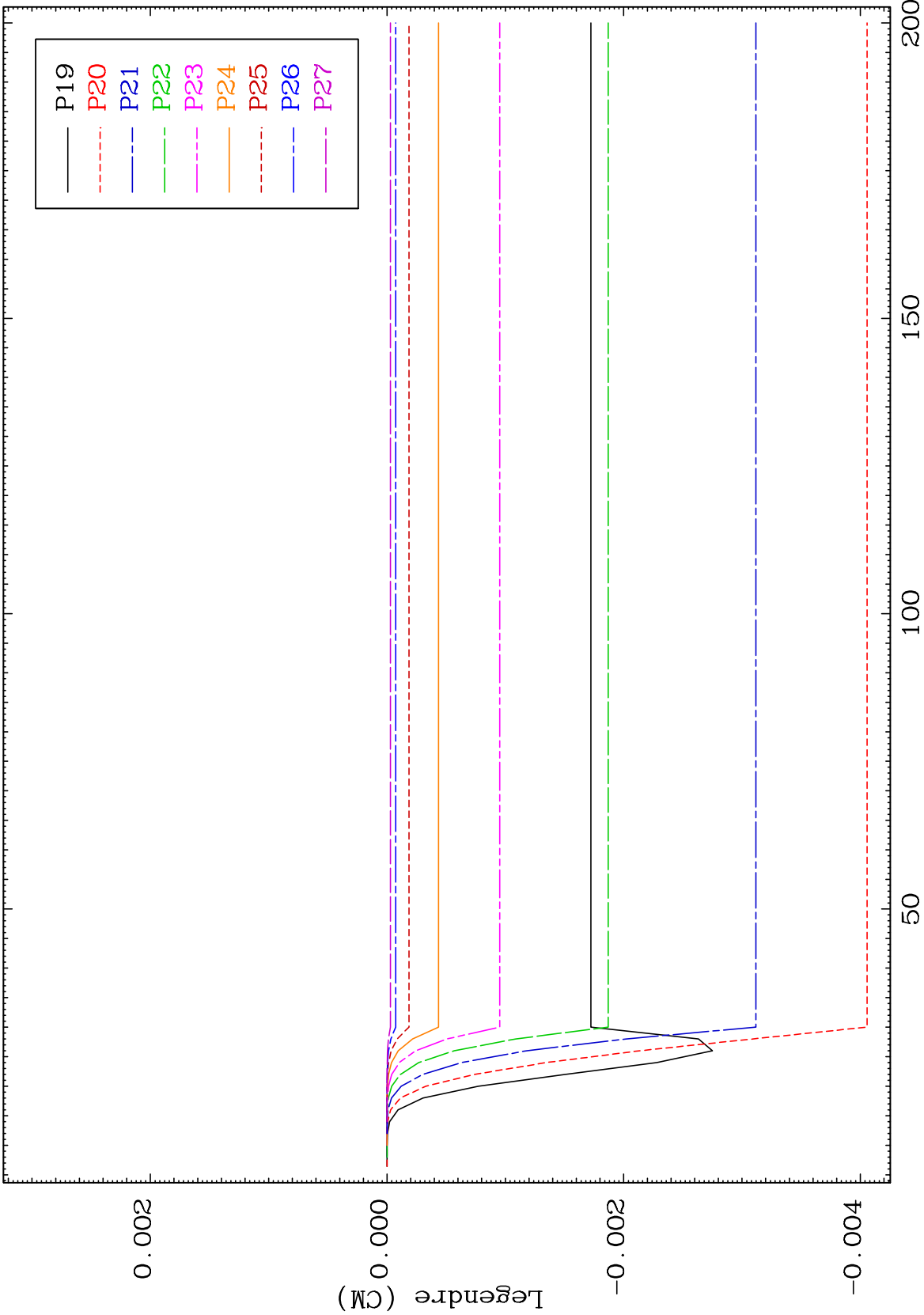
Incident Energy (MeV)

108

MAT 6843

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

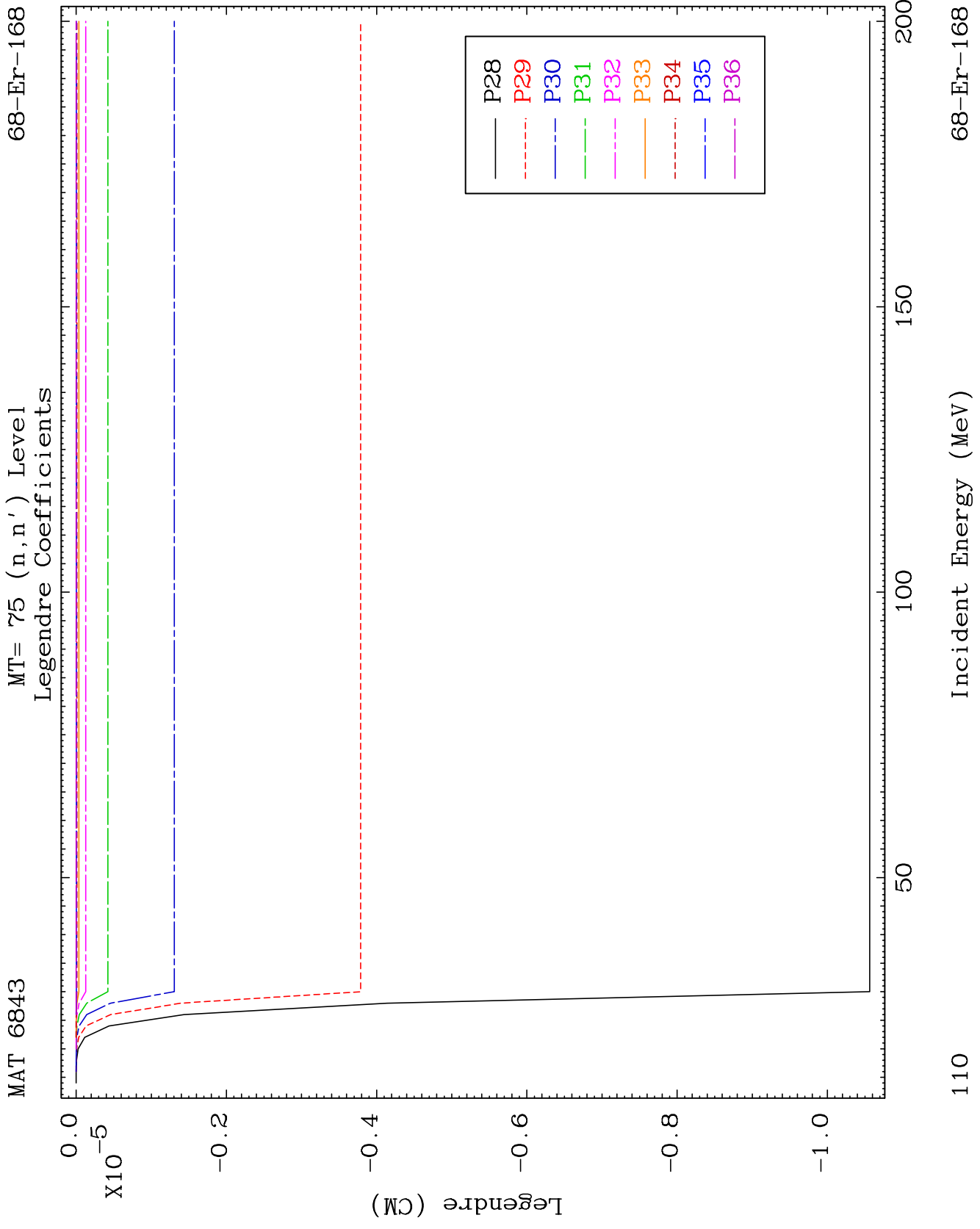
68-Er-168



109

Incident Energy (MeV)

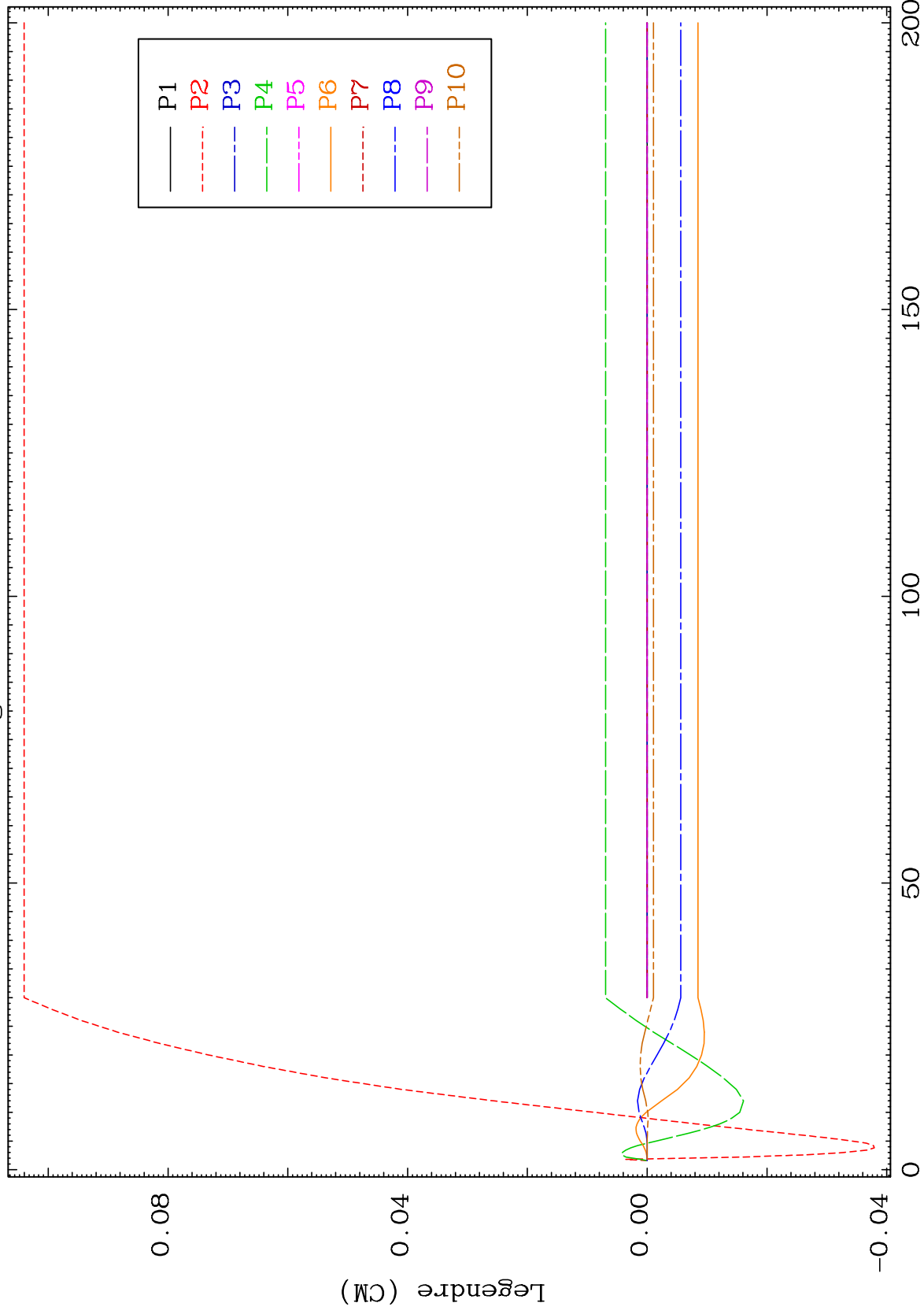
68-Er-168



MAT 6843

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

68-Er-168



111

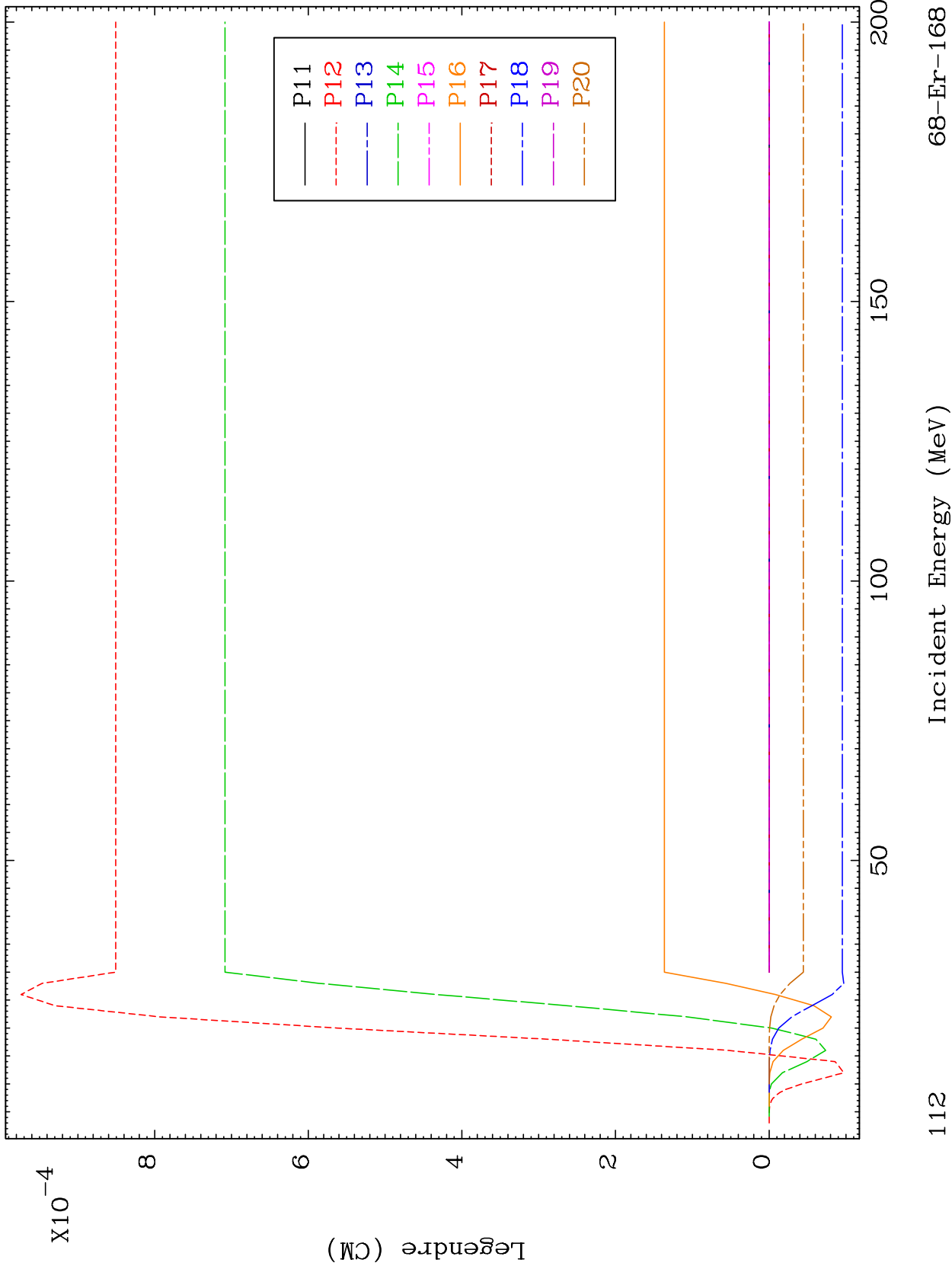
Incident Energy (MeV)

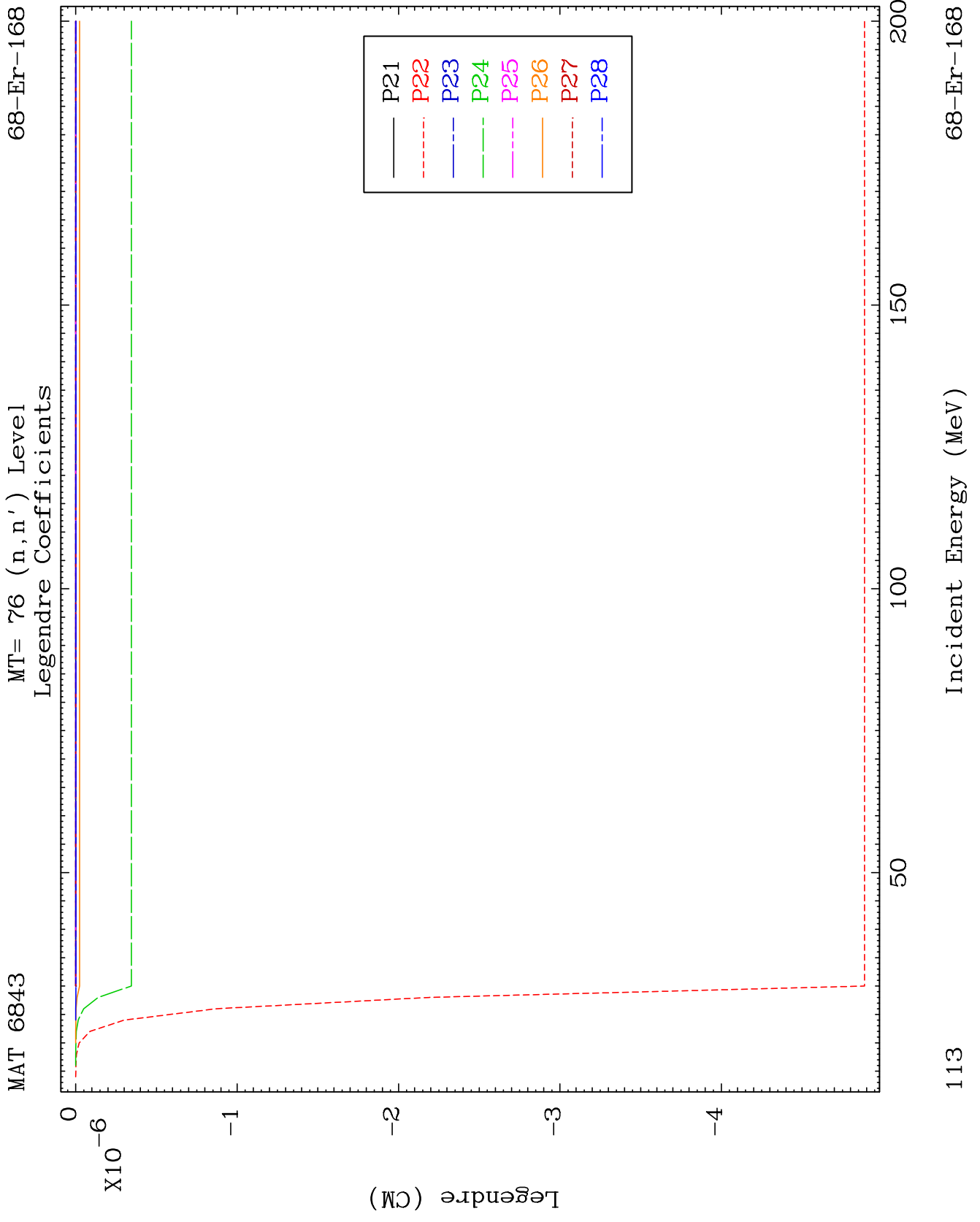
68-Er-168

MAT 6843

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

68-Er-168

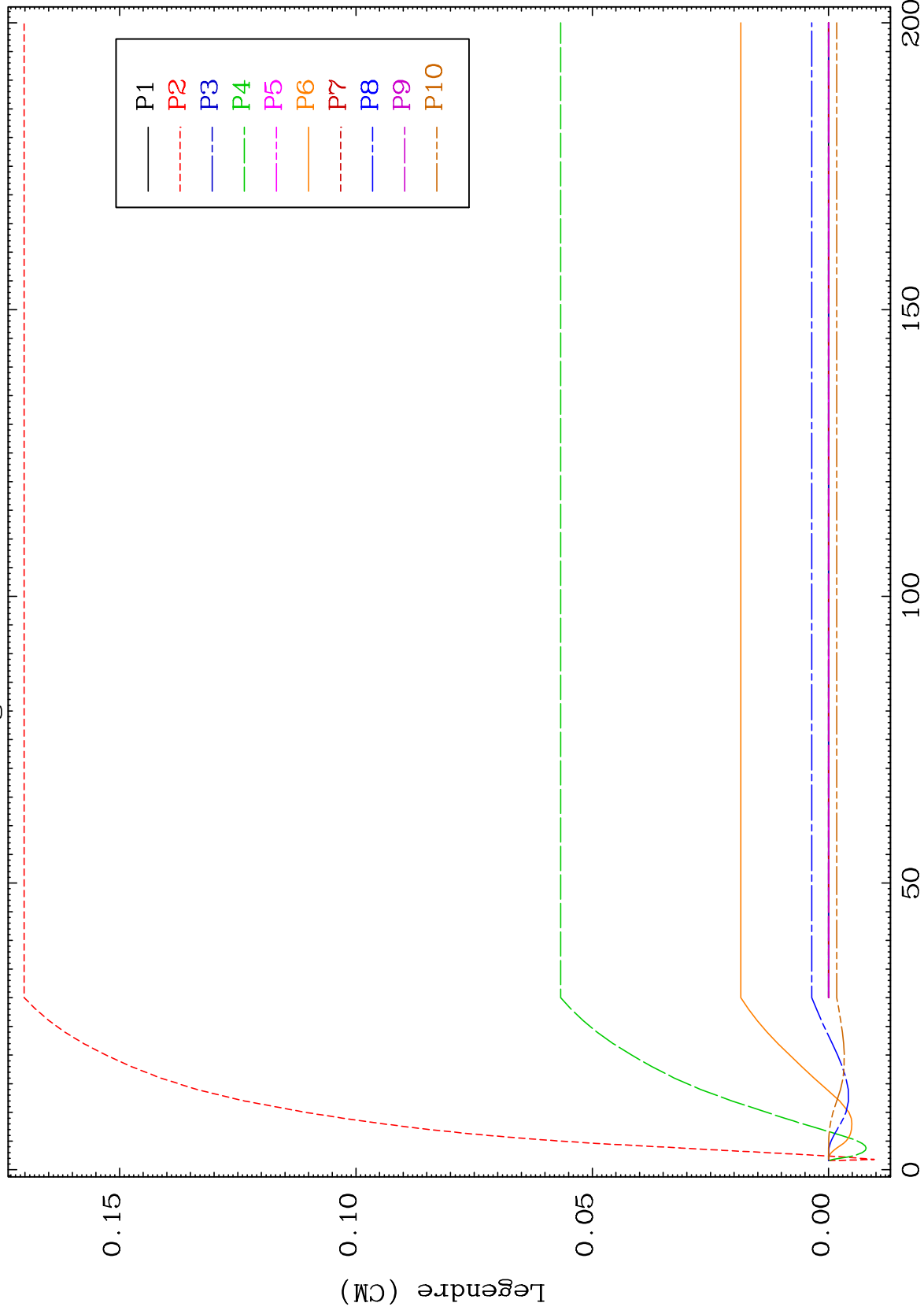




MAT 6843

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

68-Er-168



114

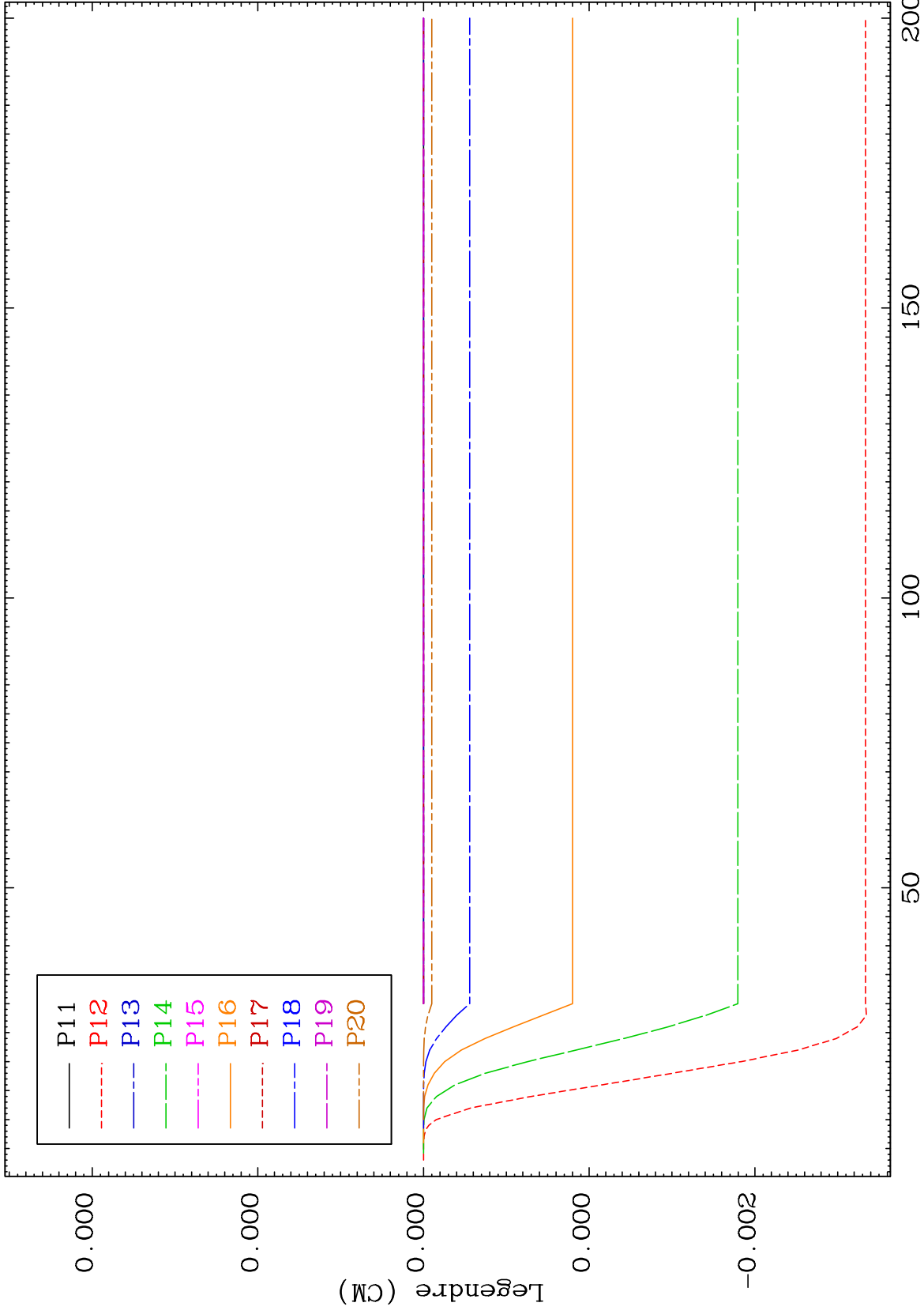
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



115

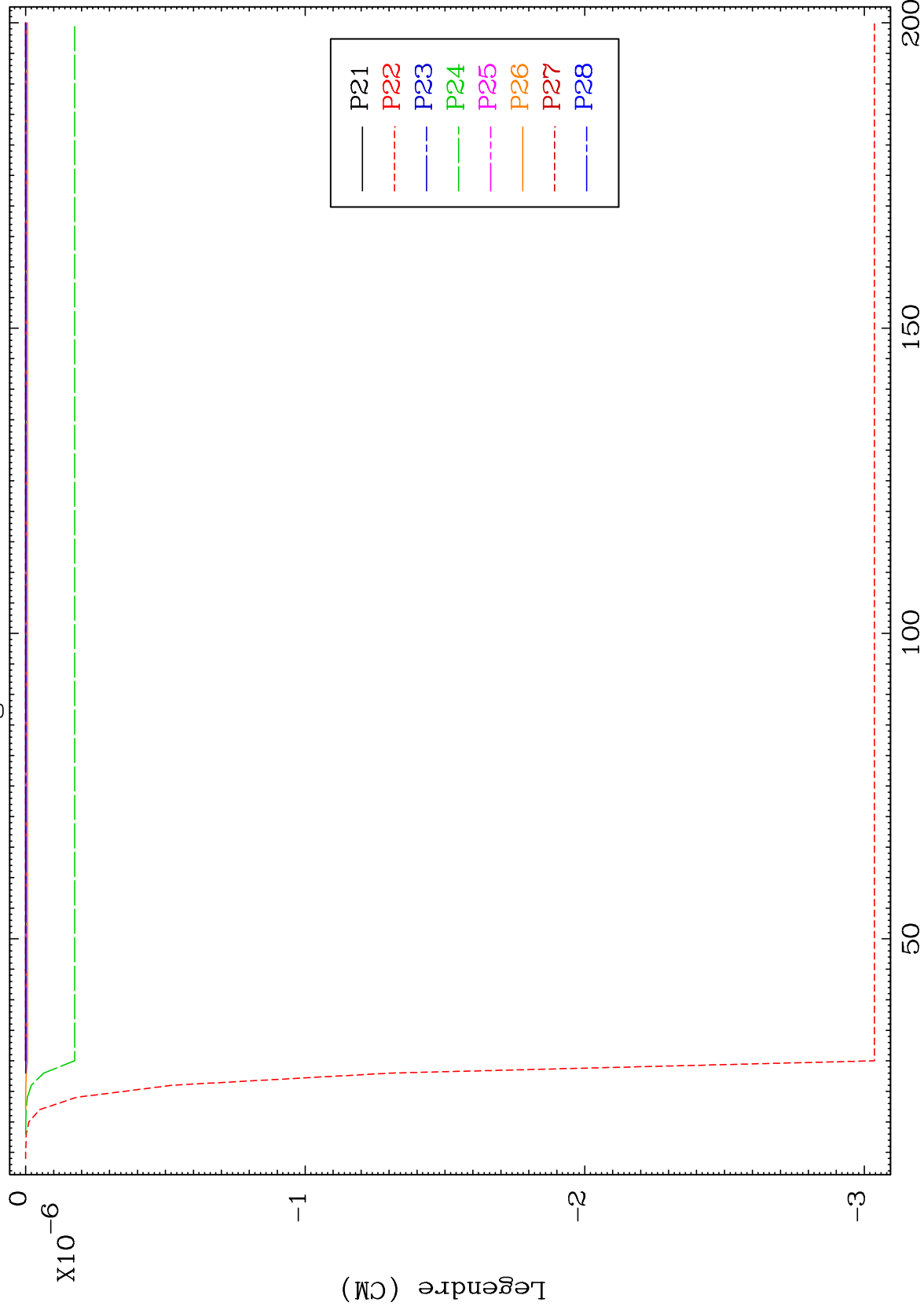
Incident Energy (MeV)

68-Er-168

MAT 6843

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

68-Er-168



68-Er-168

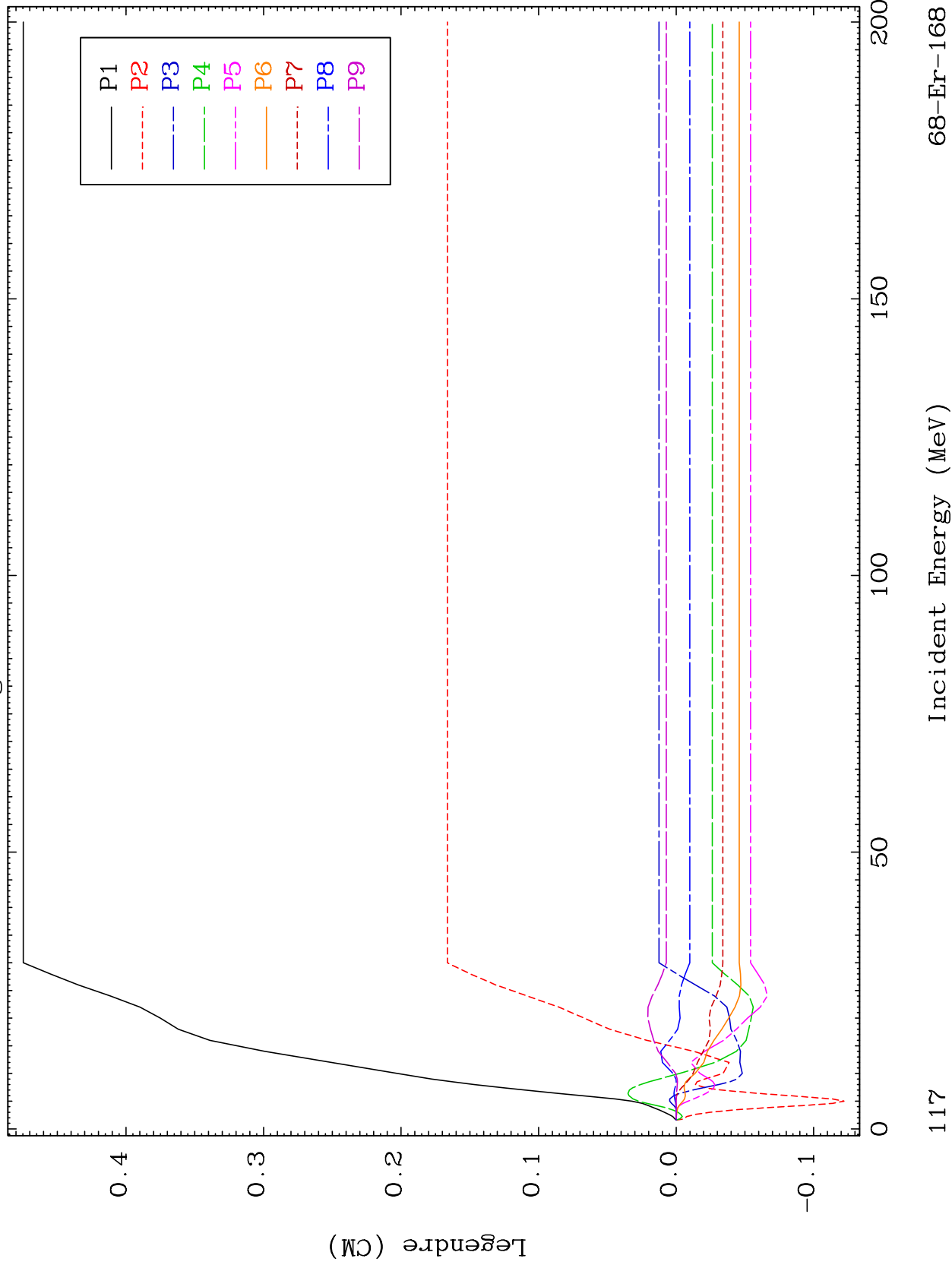
Incident Energy (MeV)

116

MAT 6843

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

68-Er-168



117

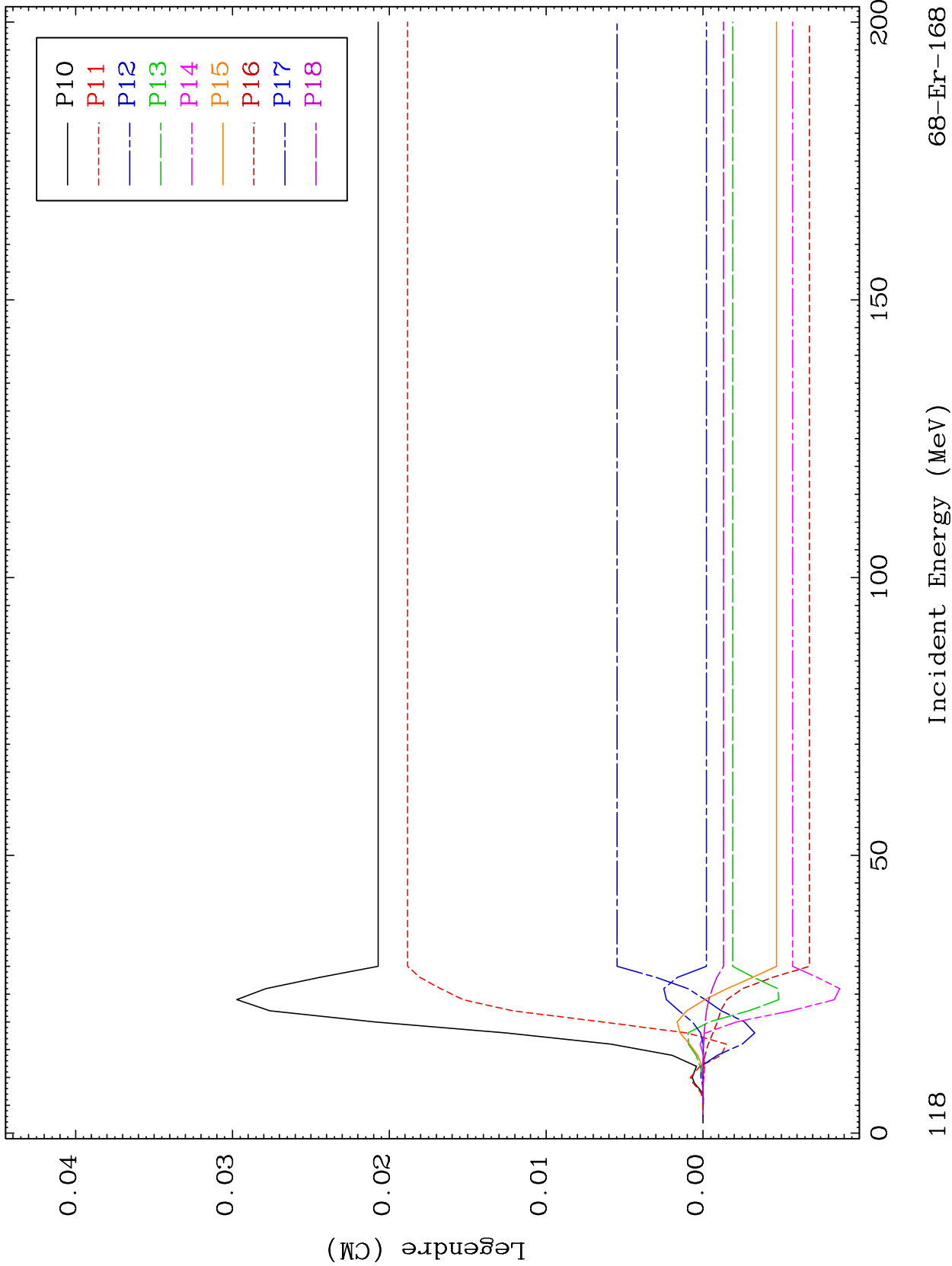
Incident Energy (MeV)

68-Er-168

MAT 6843

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

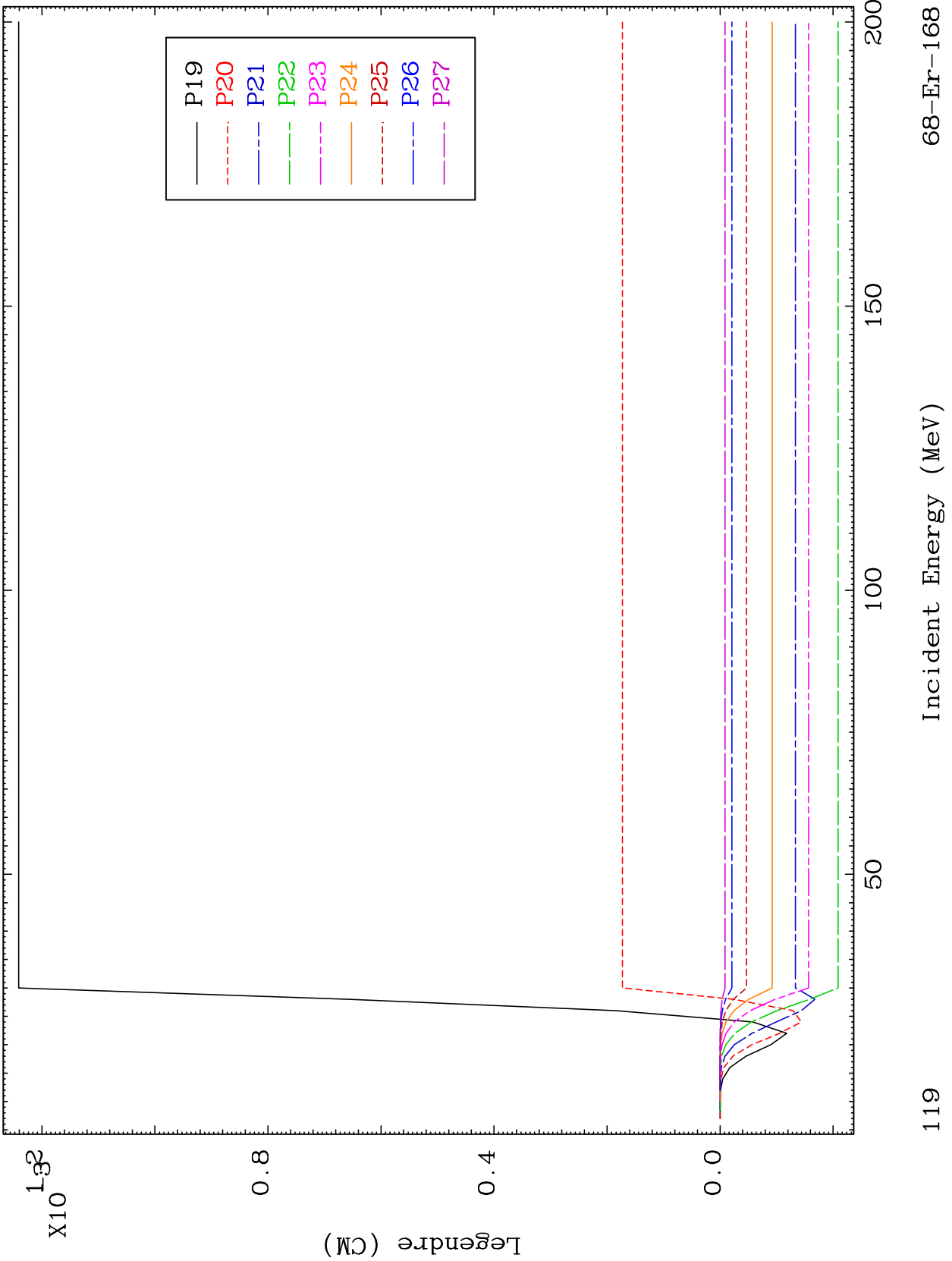
68-Er-168

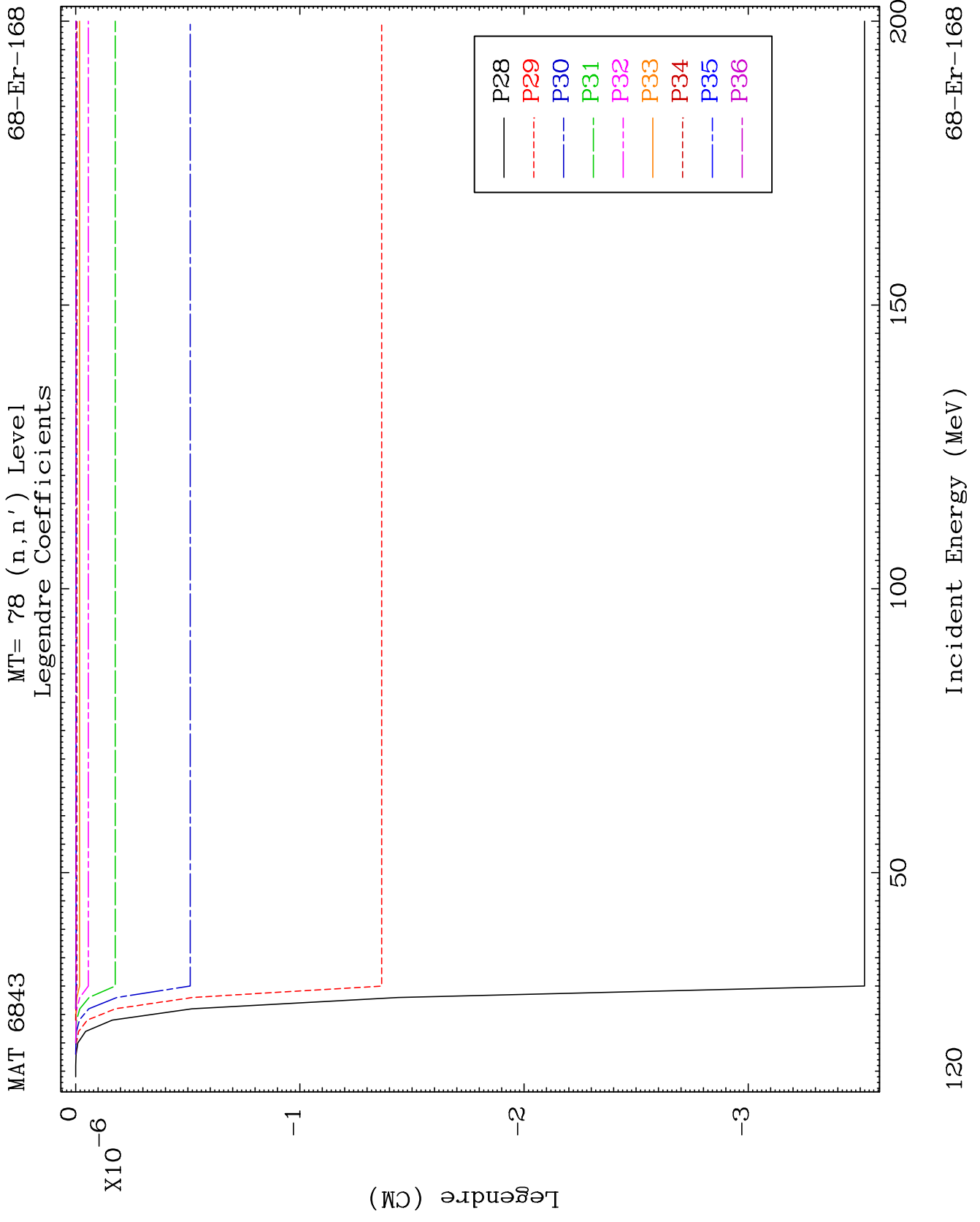


118

Incident Energy (MeV)

68-Er-168

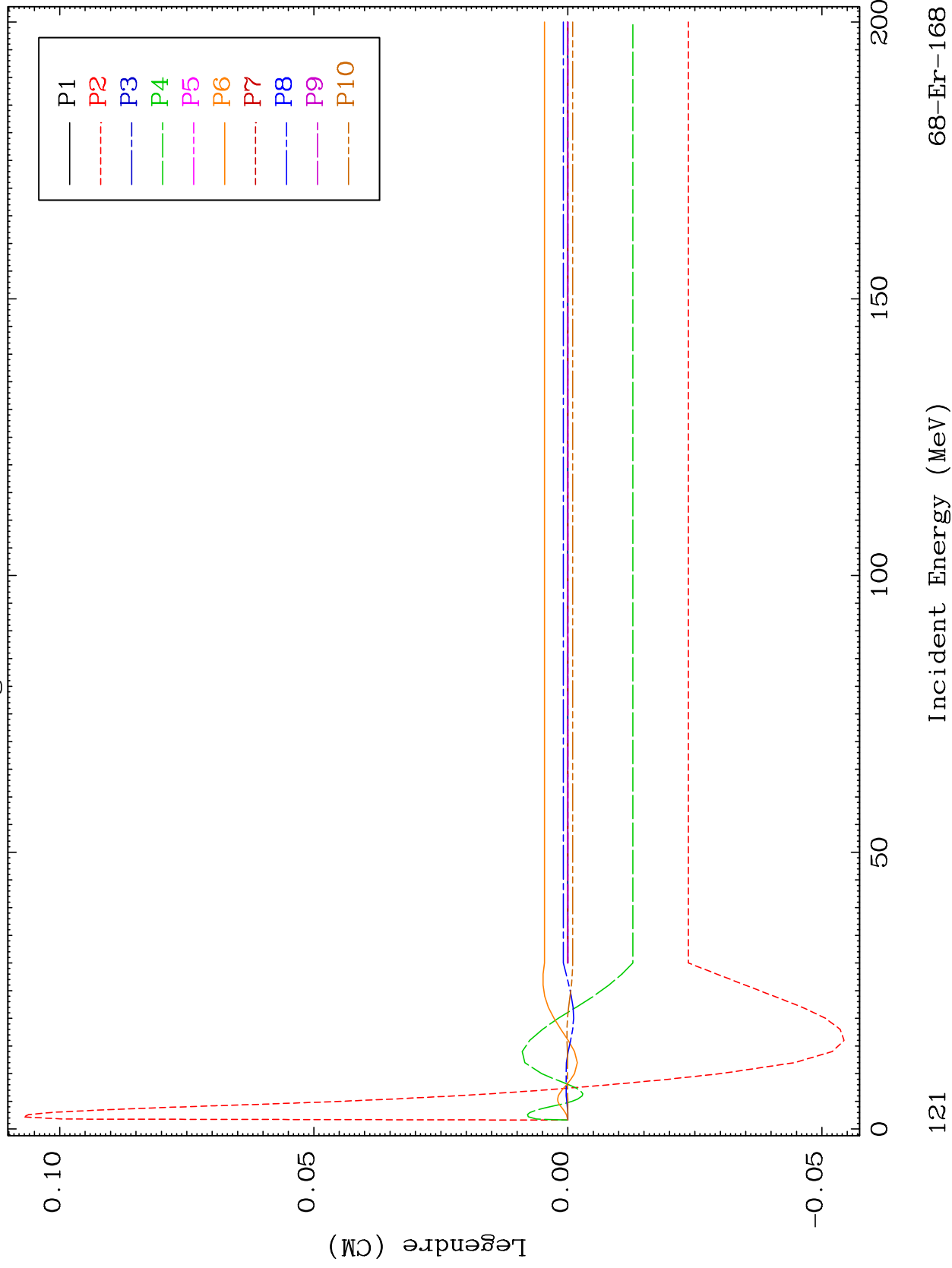




MAT 6843

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

68-Er-168



68-Er-168

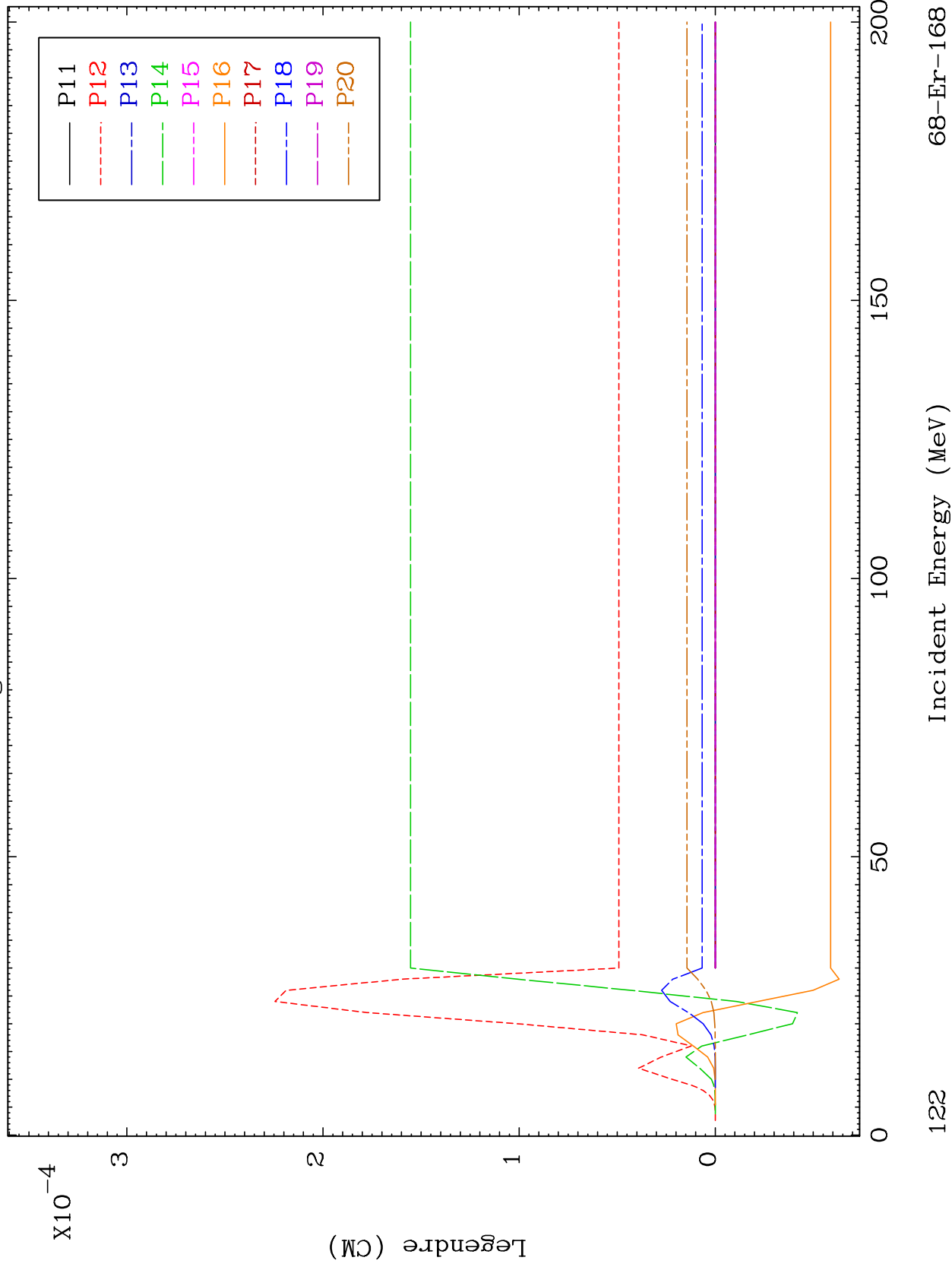
Incident Energy (MeV)

121

MAT 6843

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

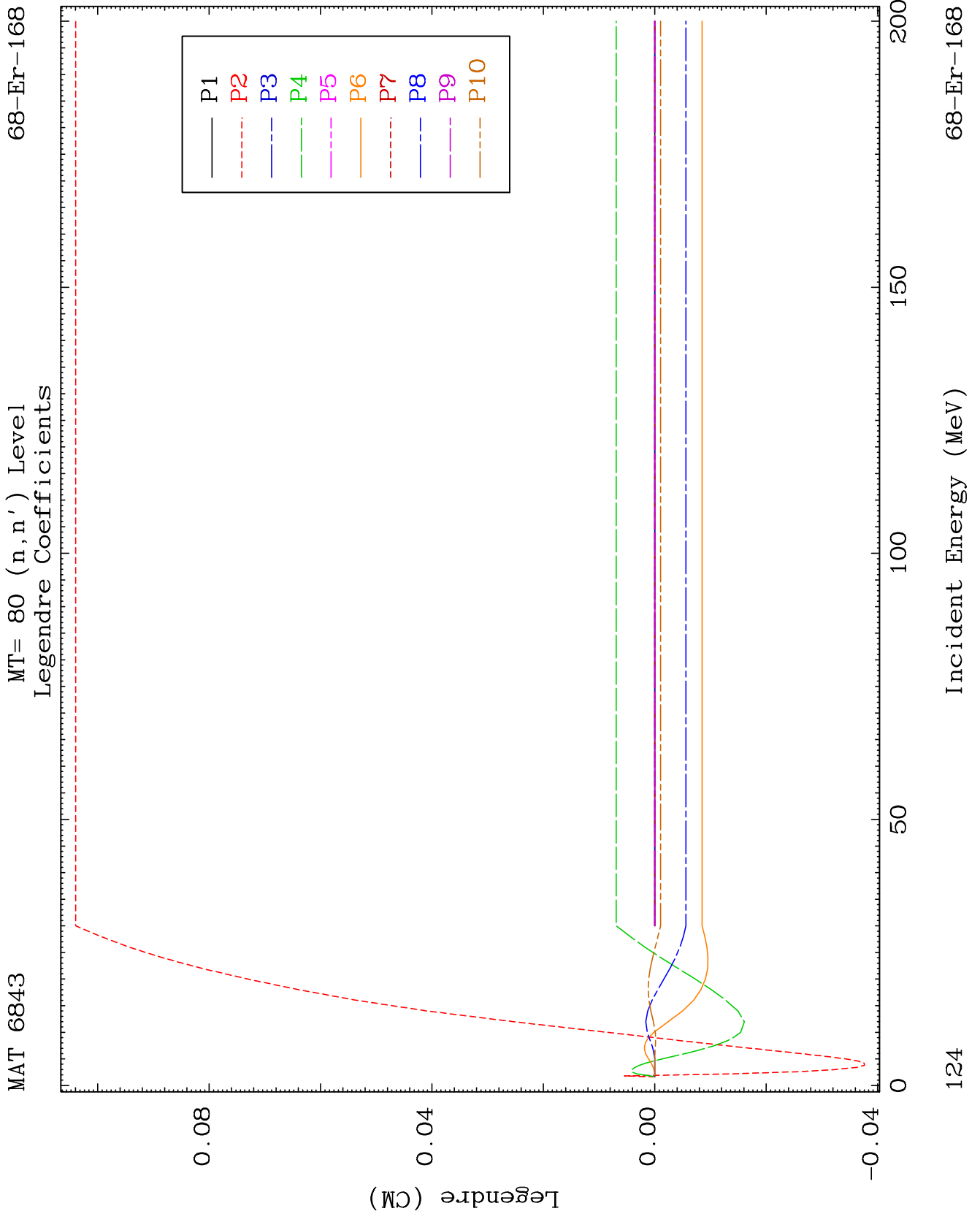
68-Er-168



68-Er-168

Incident Energy (MeV)

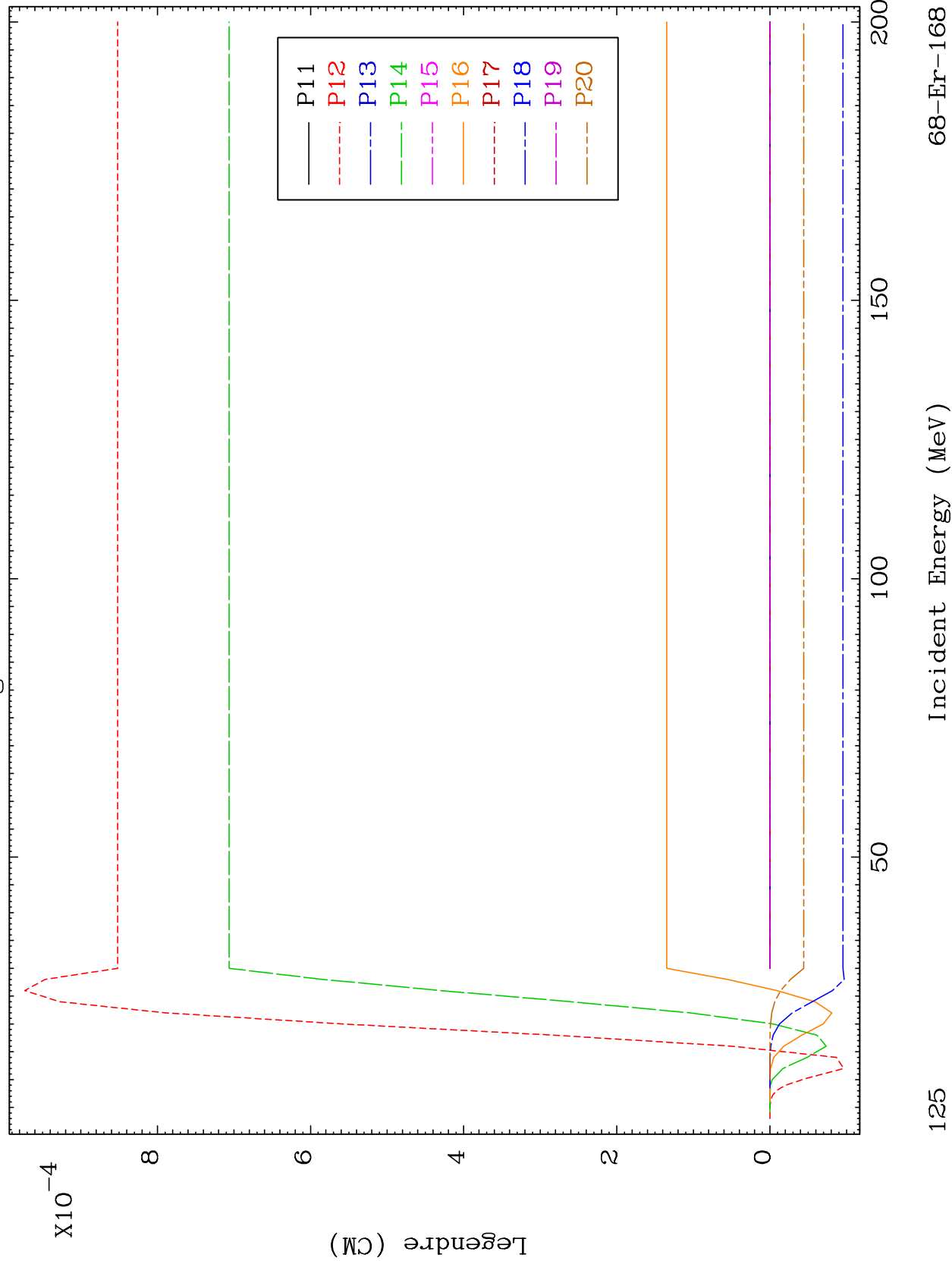
122



MAT 6843

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

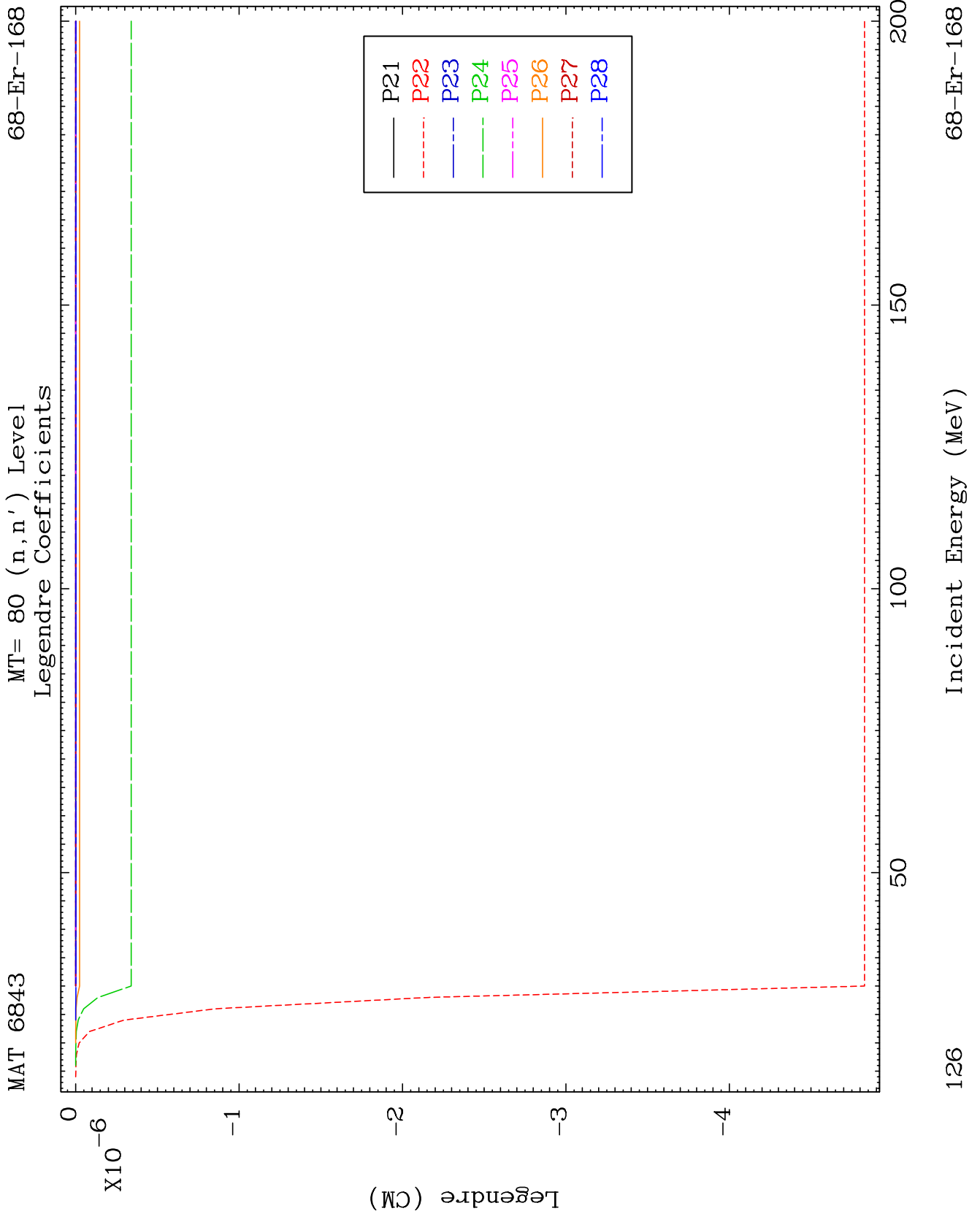
68-Er-168



68-Er-168

Incident Energy (MeV)

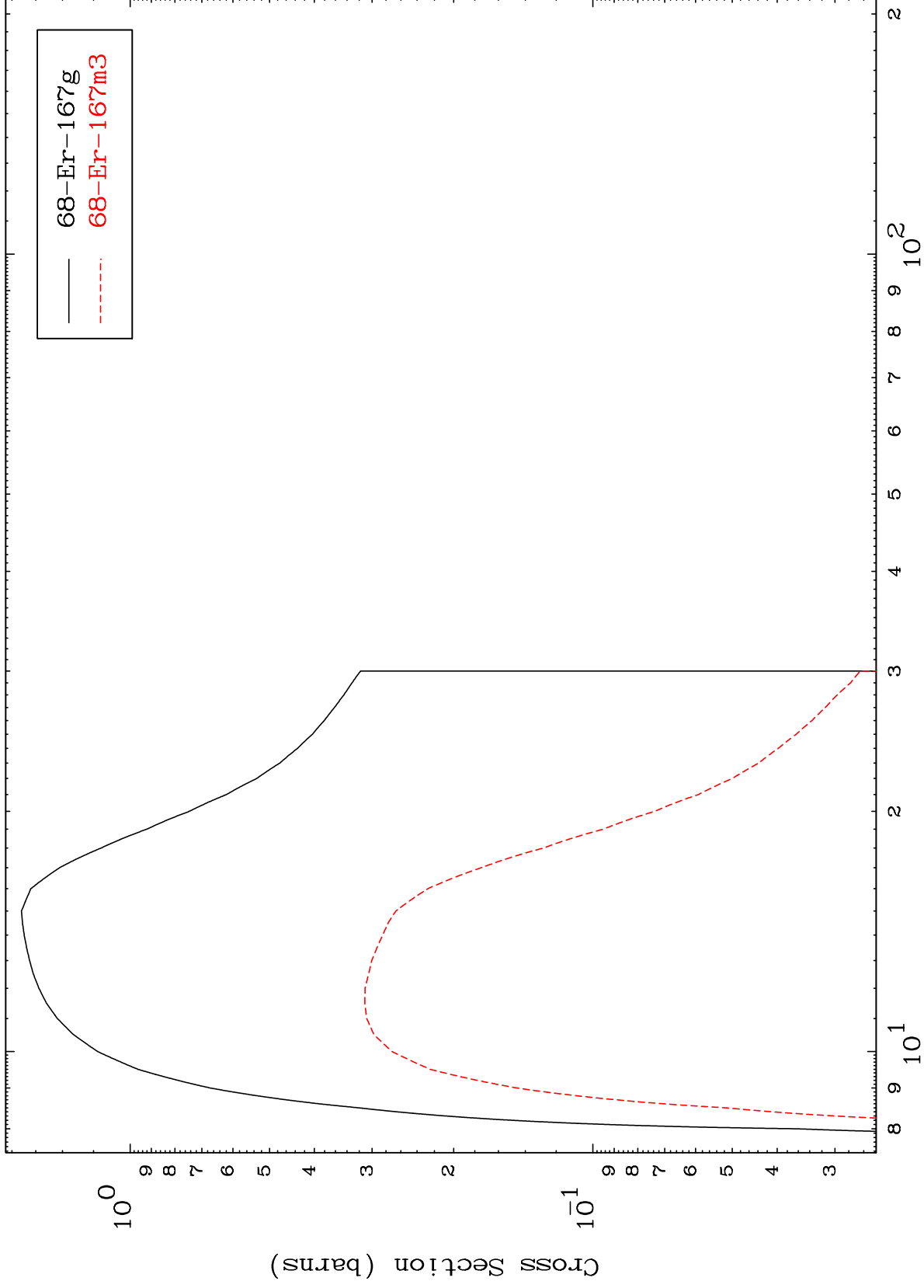
125



MAT 6843

68-Er-168

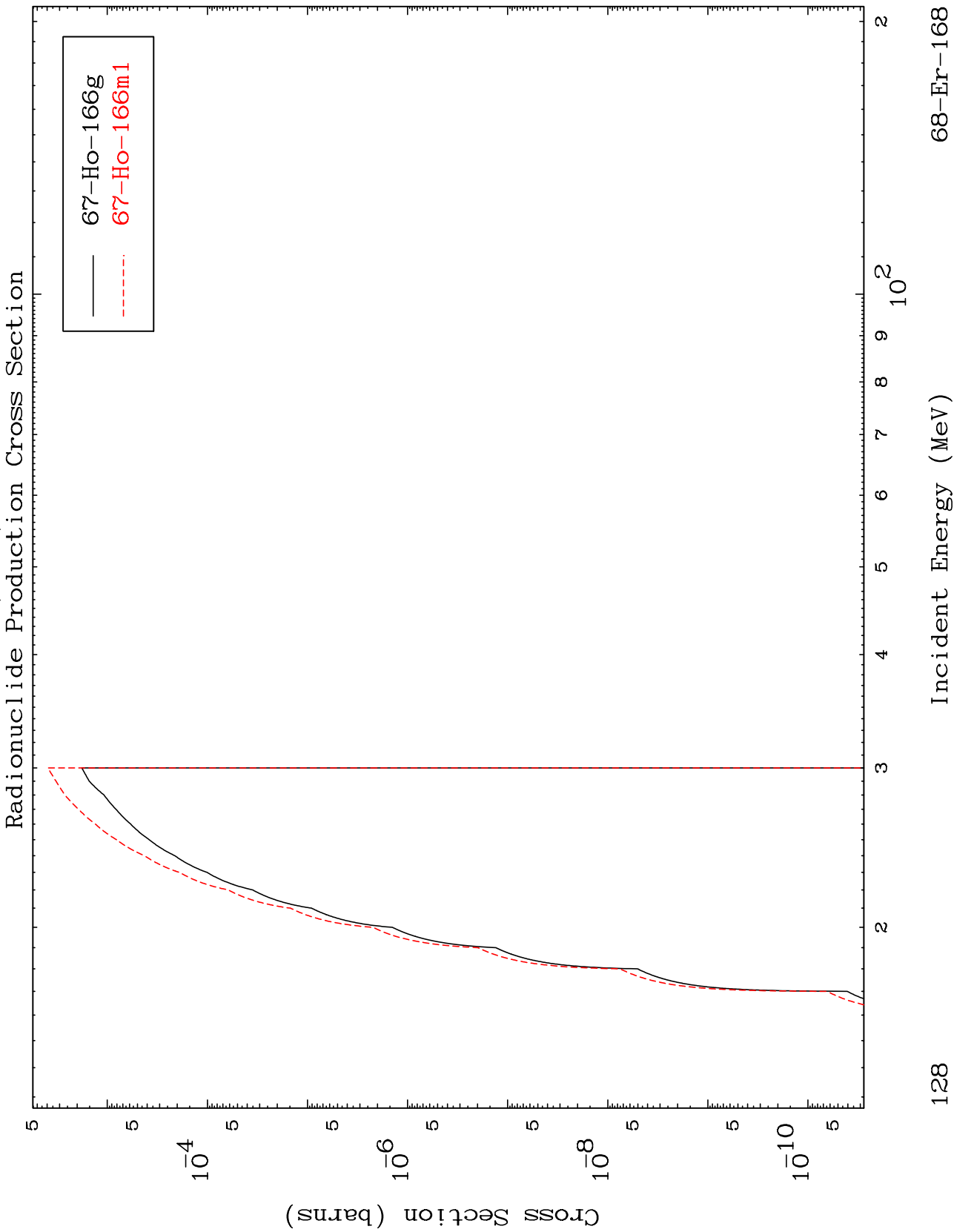
(n,2n)
Radionuclide Production Cross Section



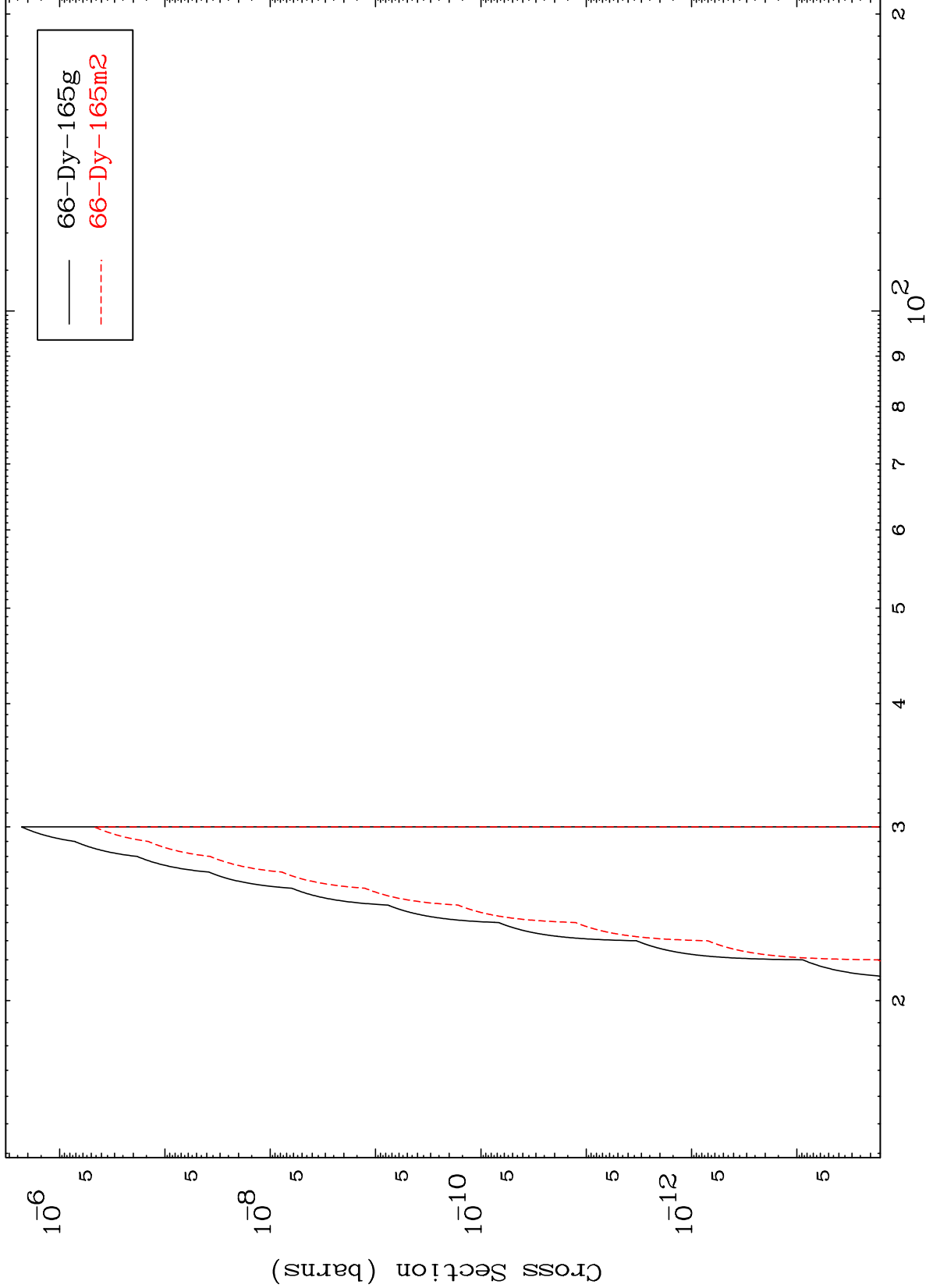
127

Incident Energy (MeV)

68-Er-168



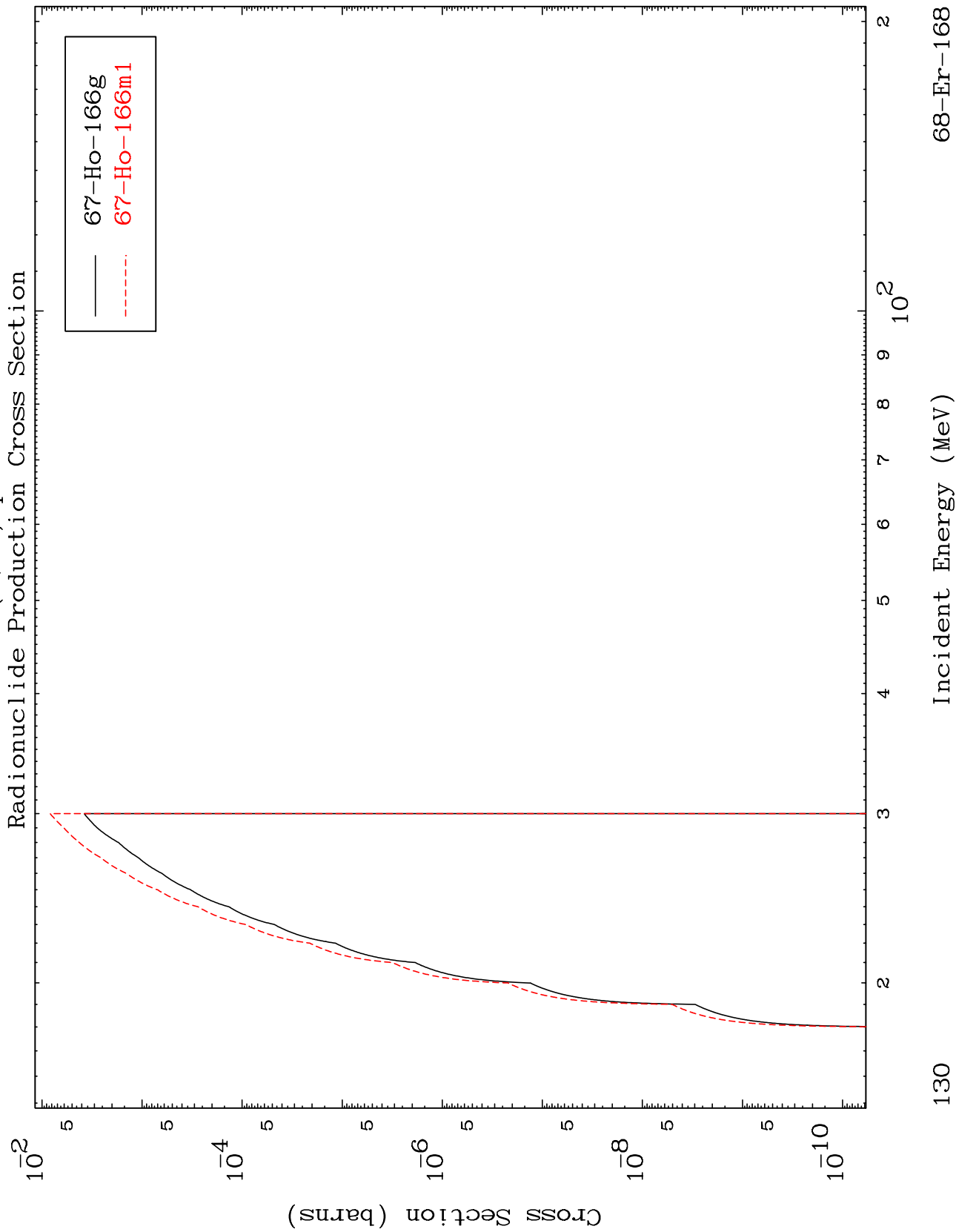
Radionuclide Production Cross Section



MAT 6843

(n,2n) p

68-Er-168



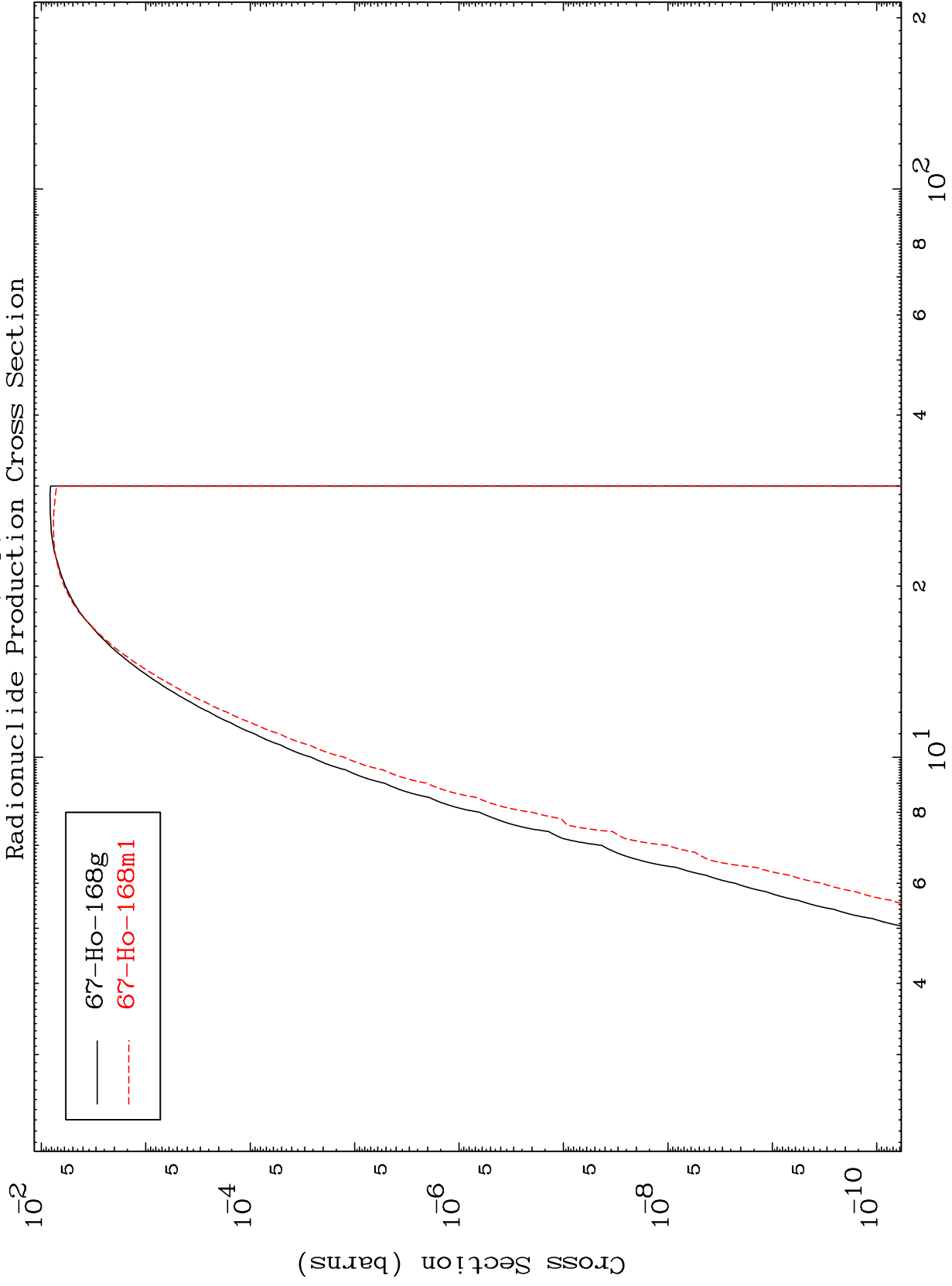
130

68-Er-168

MAT 6843

68-Er-168

(n,p)
Radionuclide Production Cross Section

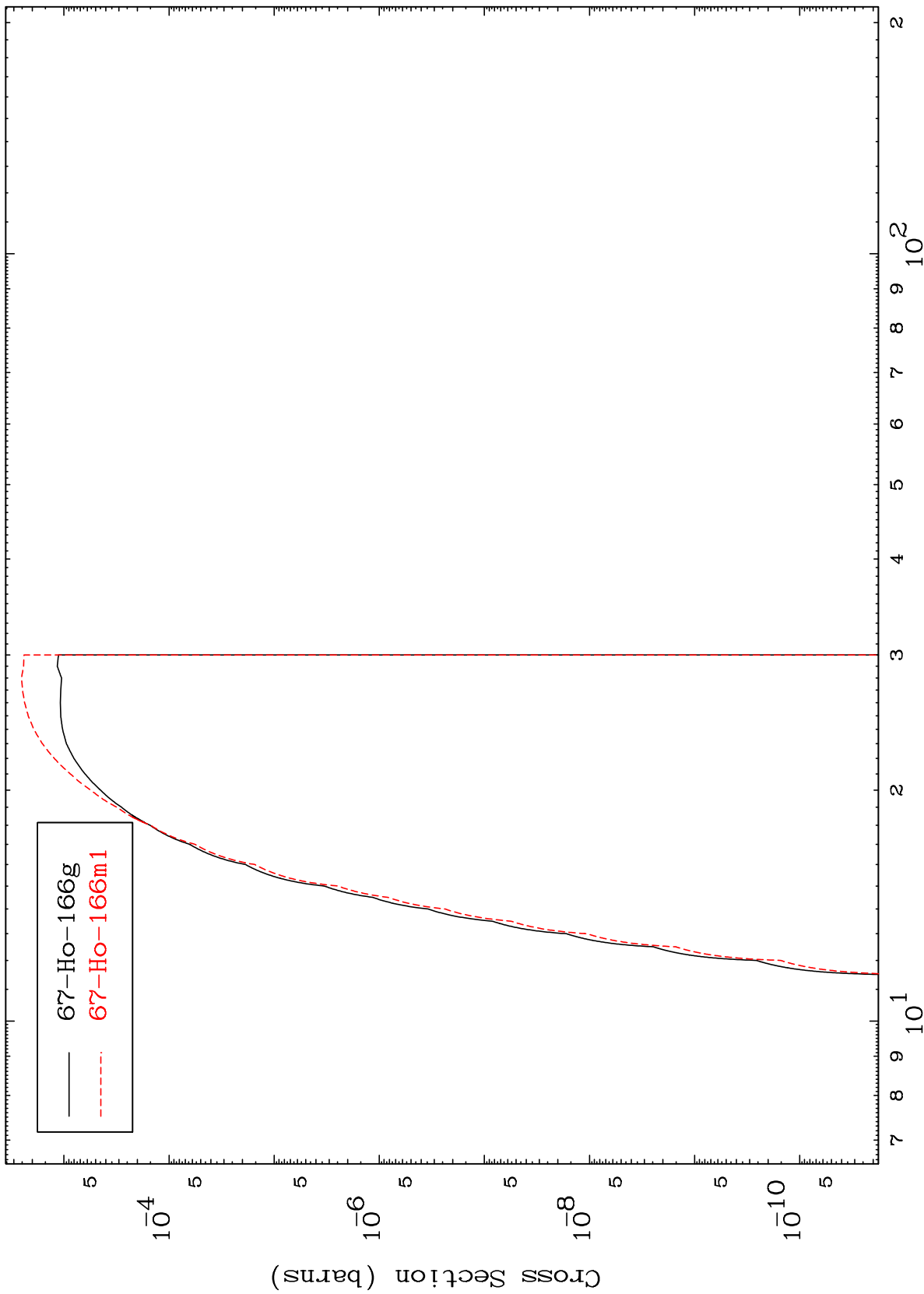


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Incident Energy (MeV)

(n, t)
Radionuclide Production Cross Section



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(n, α)

68-Er-168

Radionuclide Production Cross Section

