

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

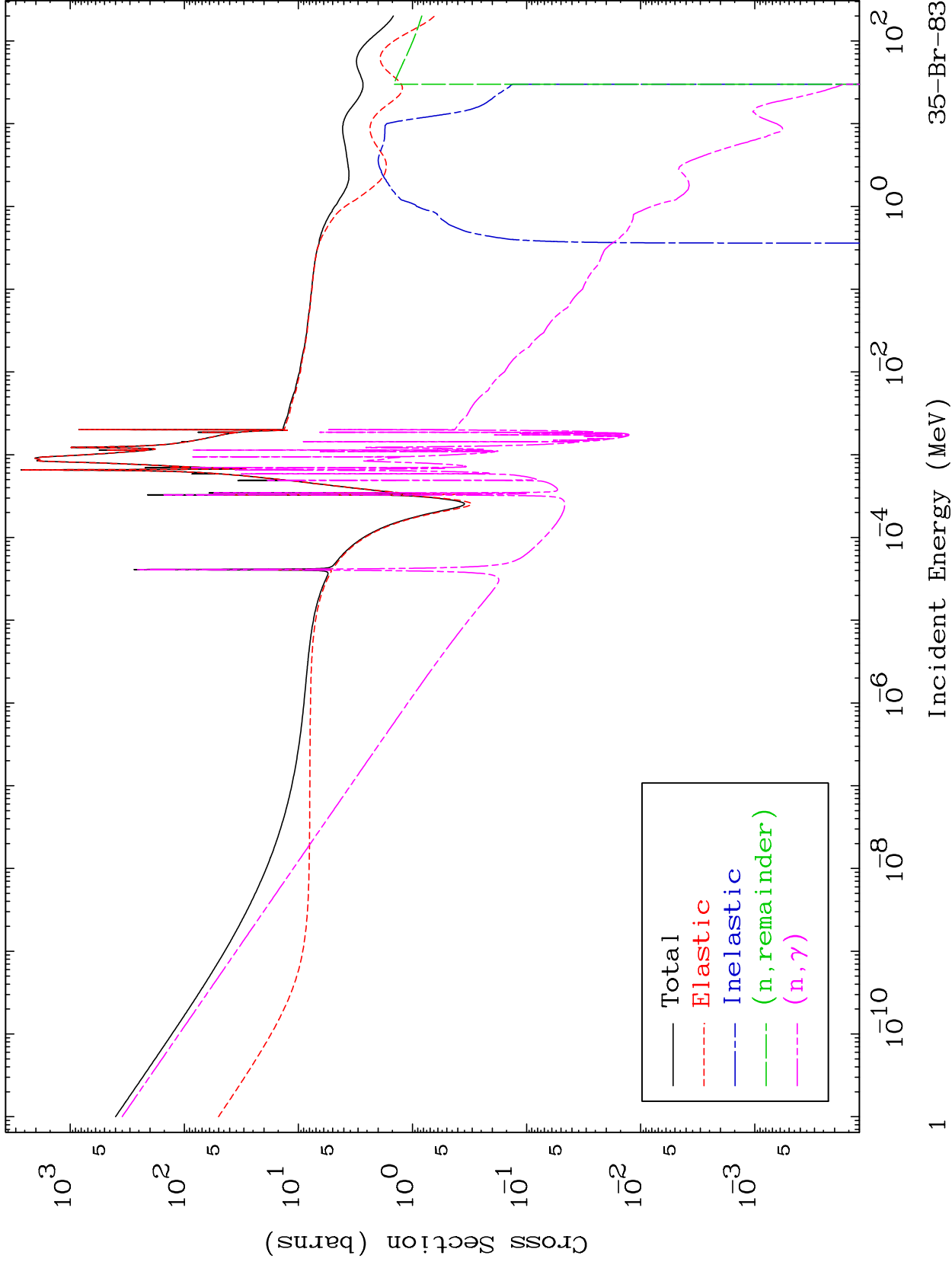
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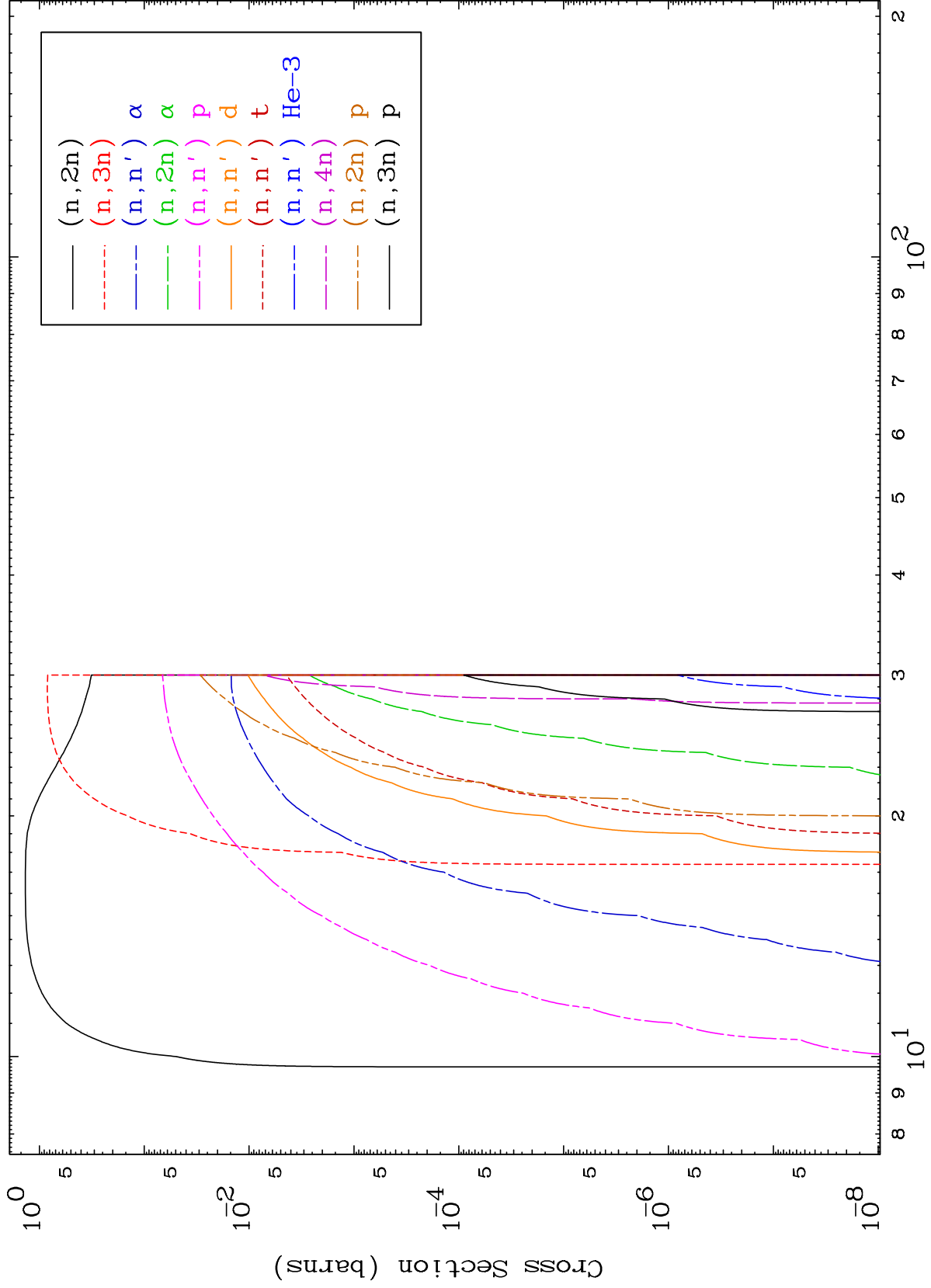
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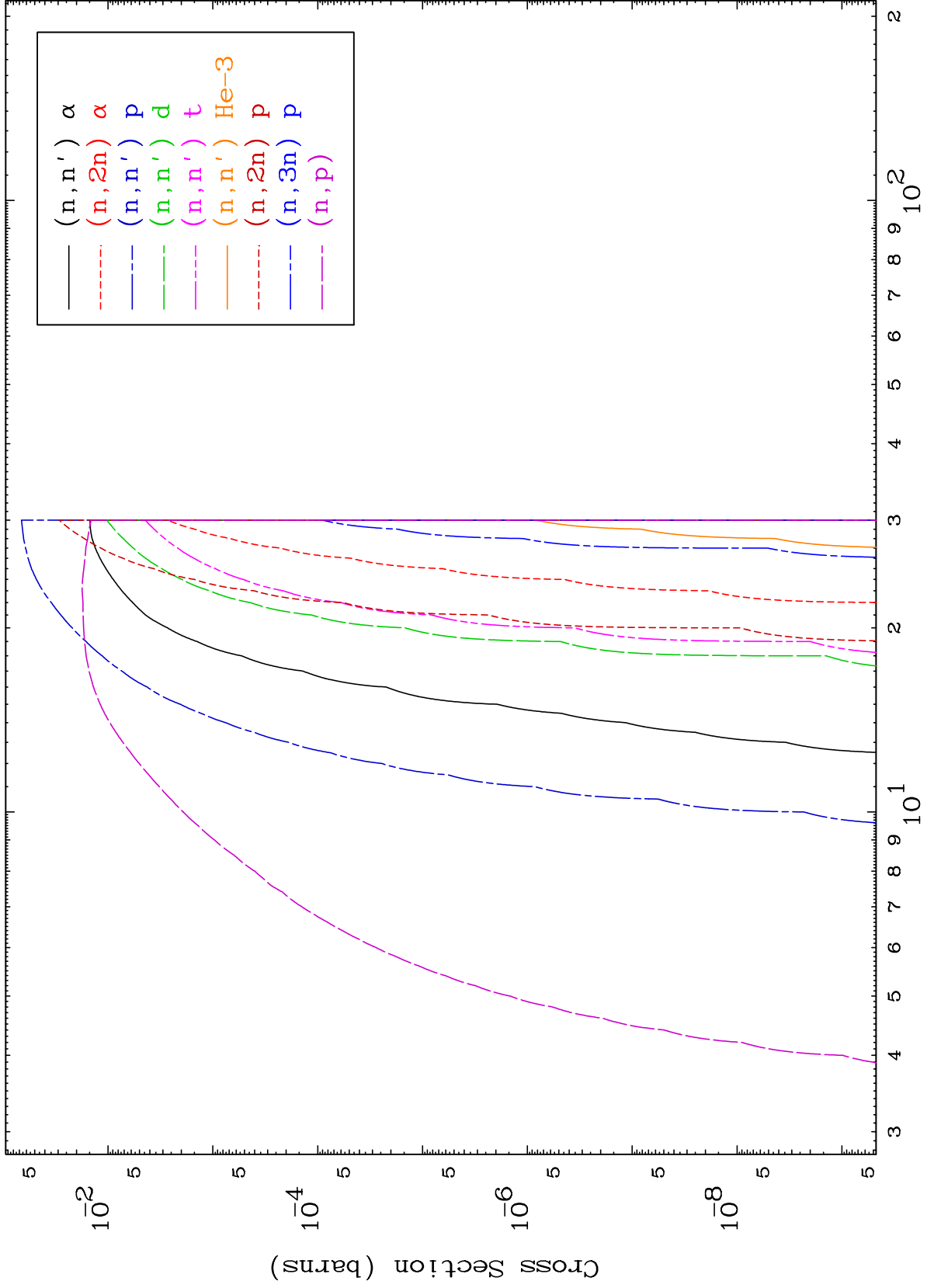
MAT 3537

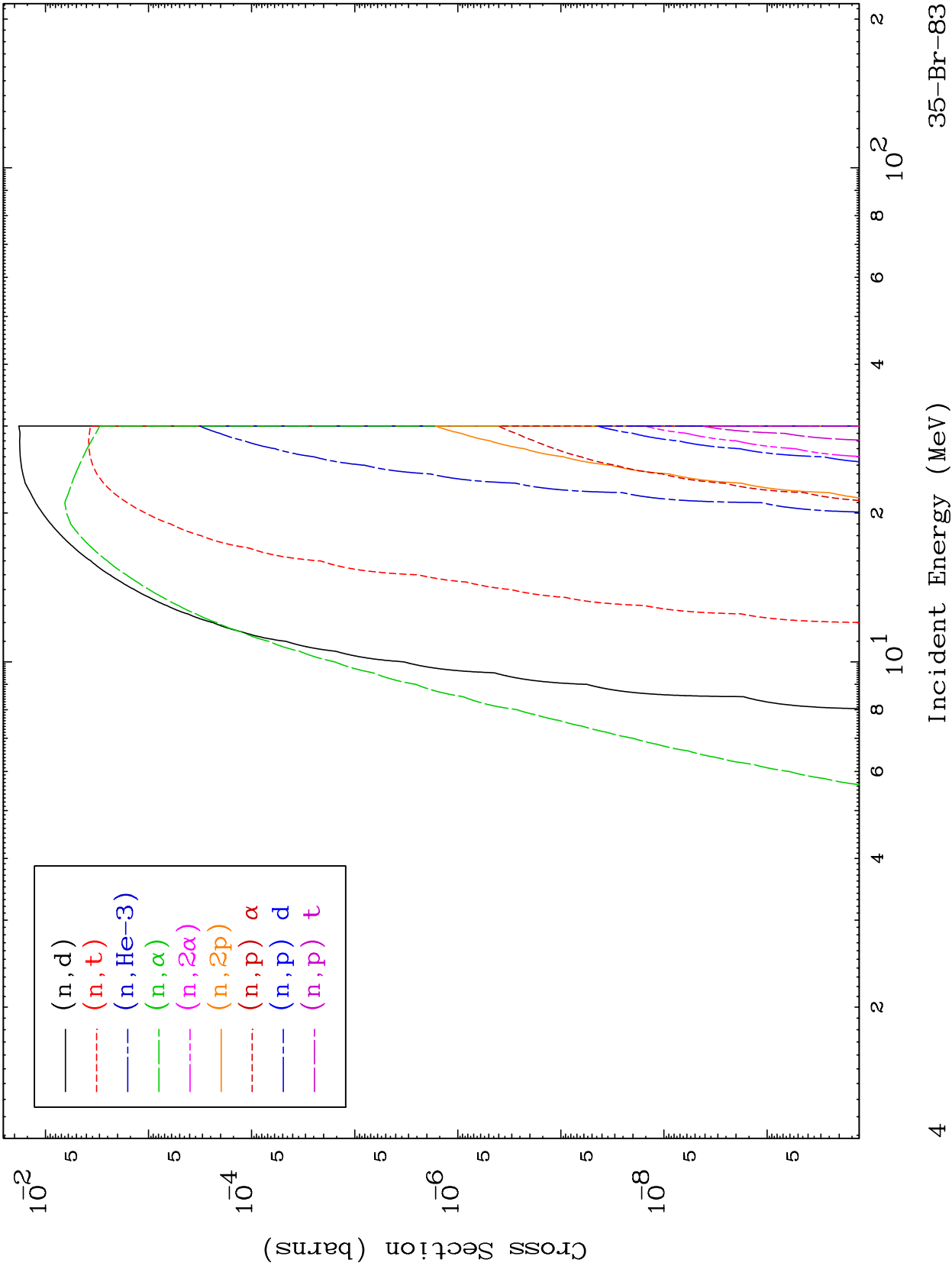
Major
293 Kelvin Cross Sections

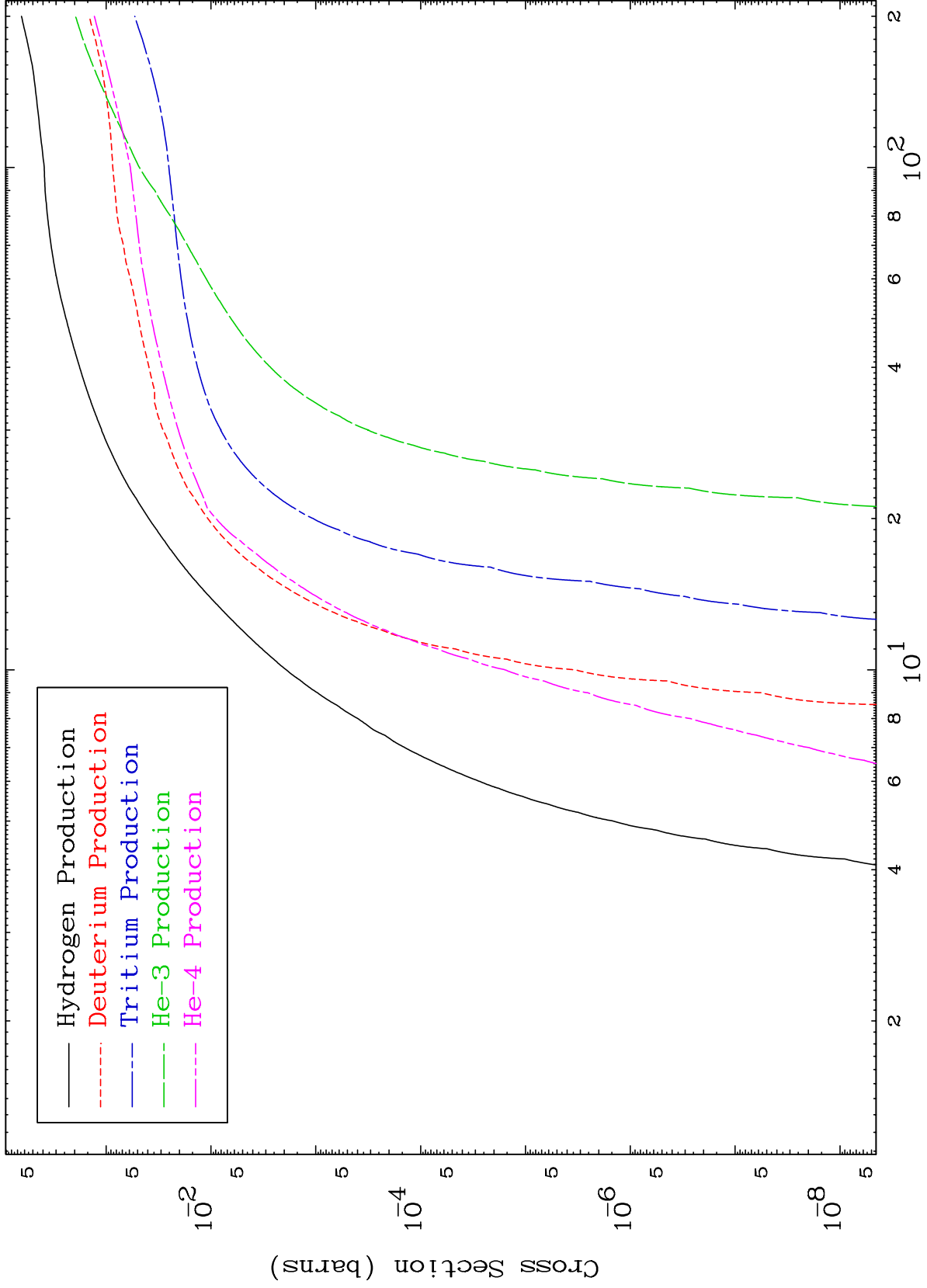
35-Br-83



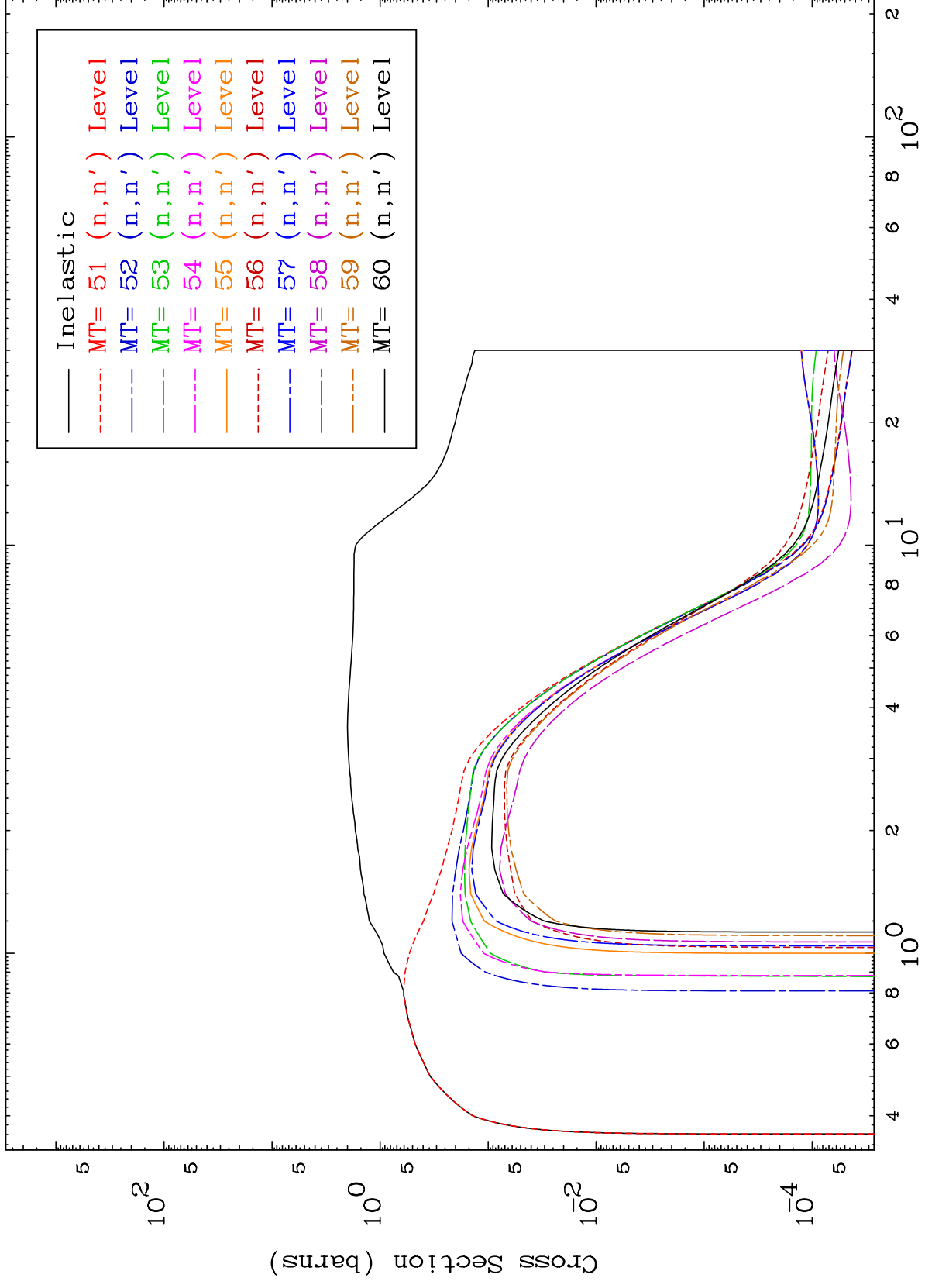








293 Kelvin Cross Sections

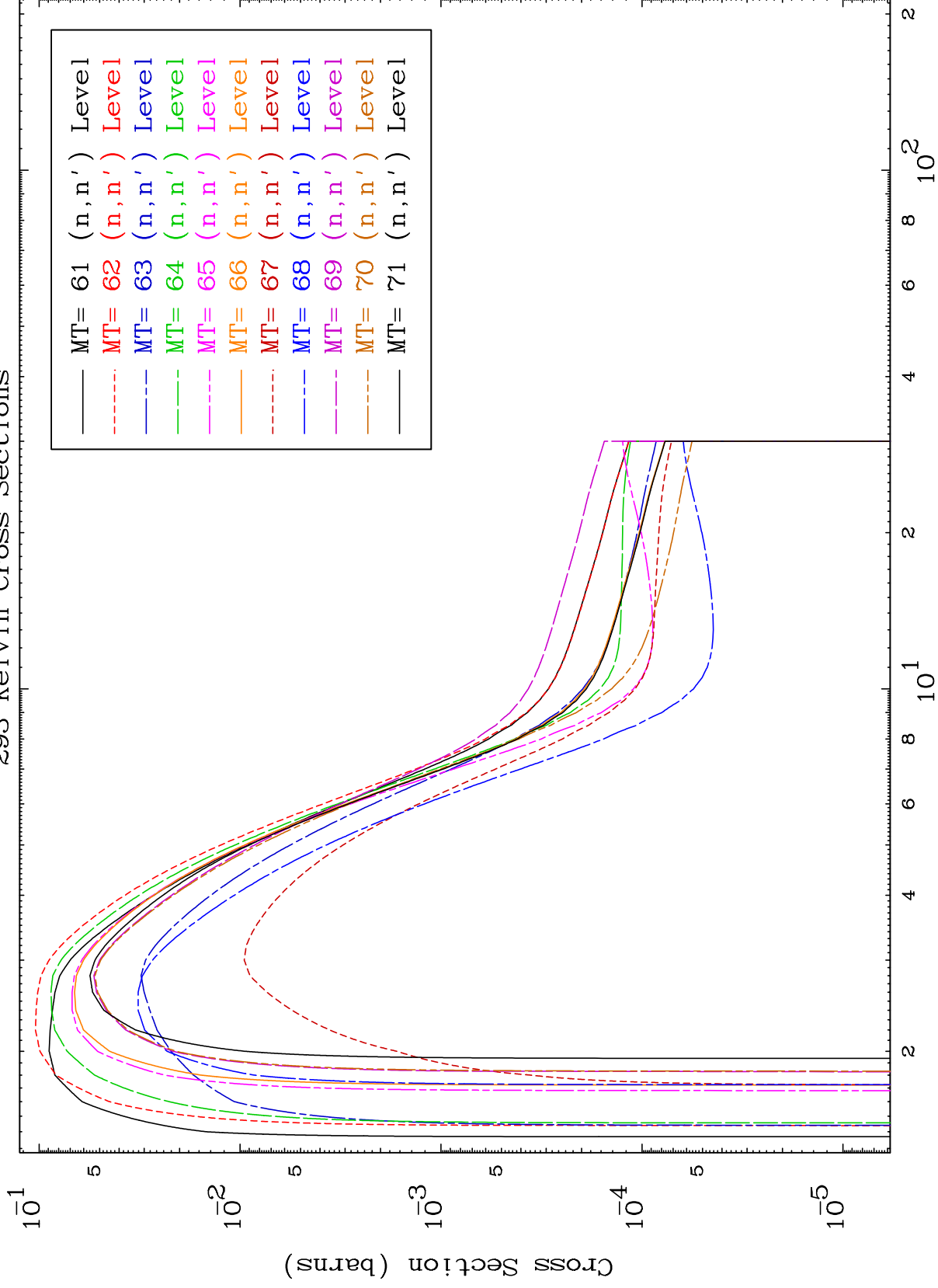


MAT 3537

(n,n') Level

35-Br-83

293 Kelvin Cross Sections



7

Incident Energy (MeV)

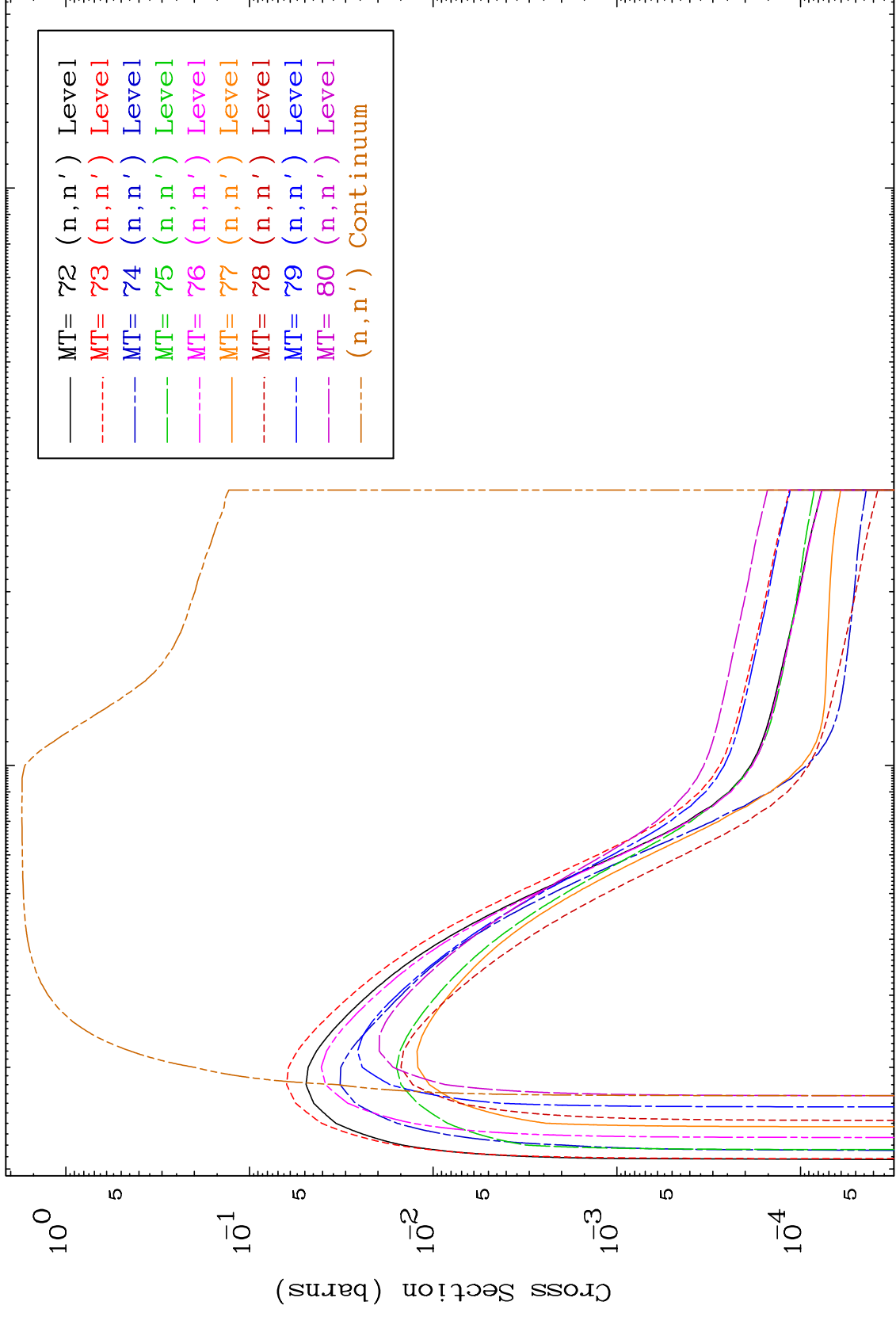
35-Br-83

MAT 3537

(n,n') Level

35-Br-83

293 Kelvin Cross Sections



8

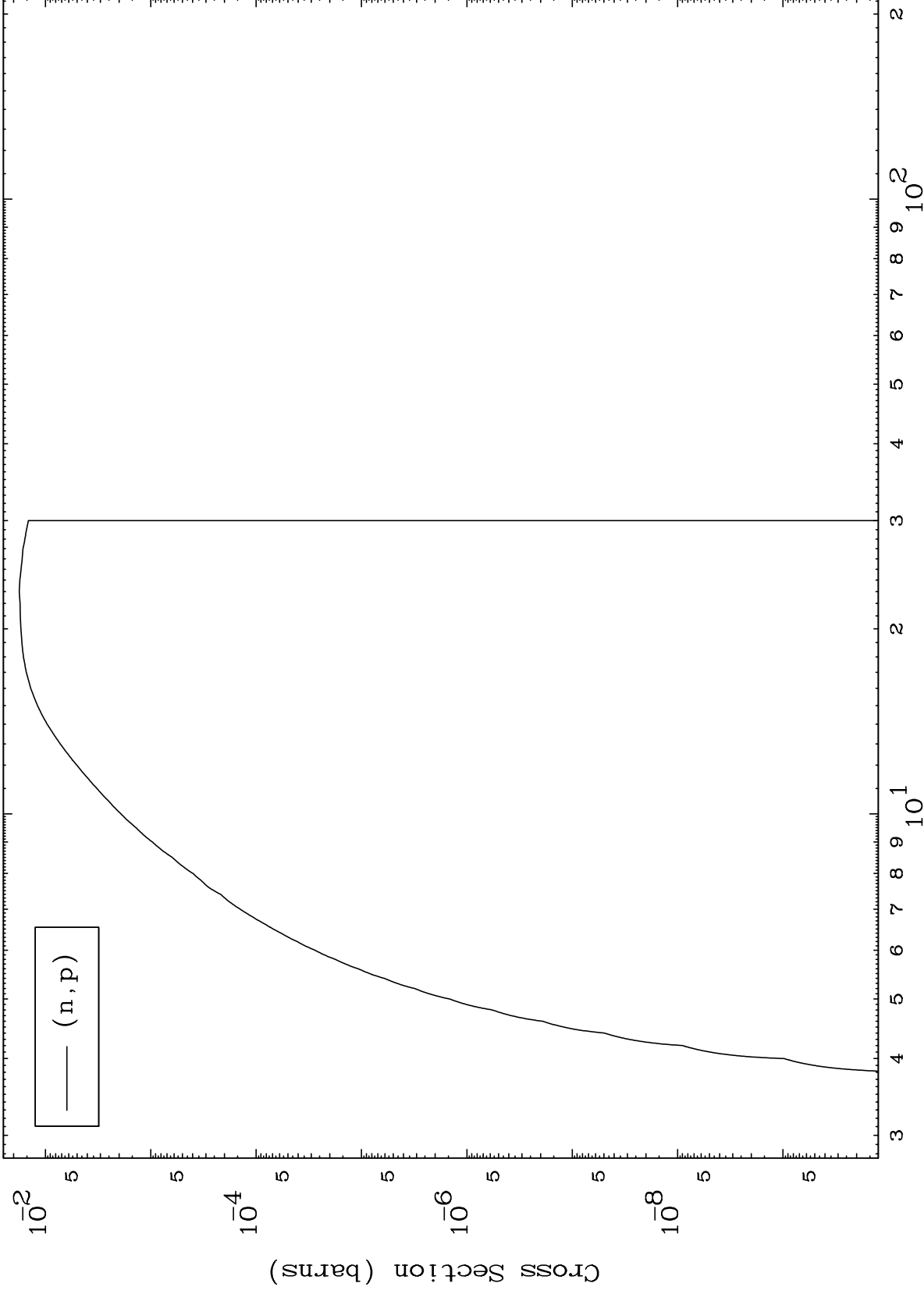
Incident Energy (MeV)

35-Br-83

MAT 3537

(n,p) Levels
293 Kelvin Cross Sections

35-Br-83



9

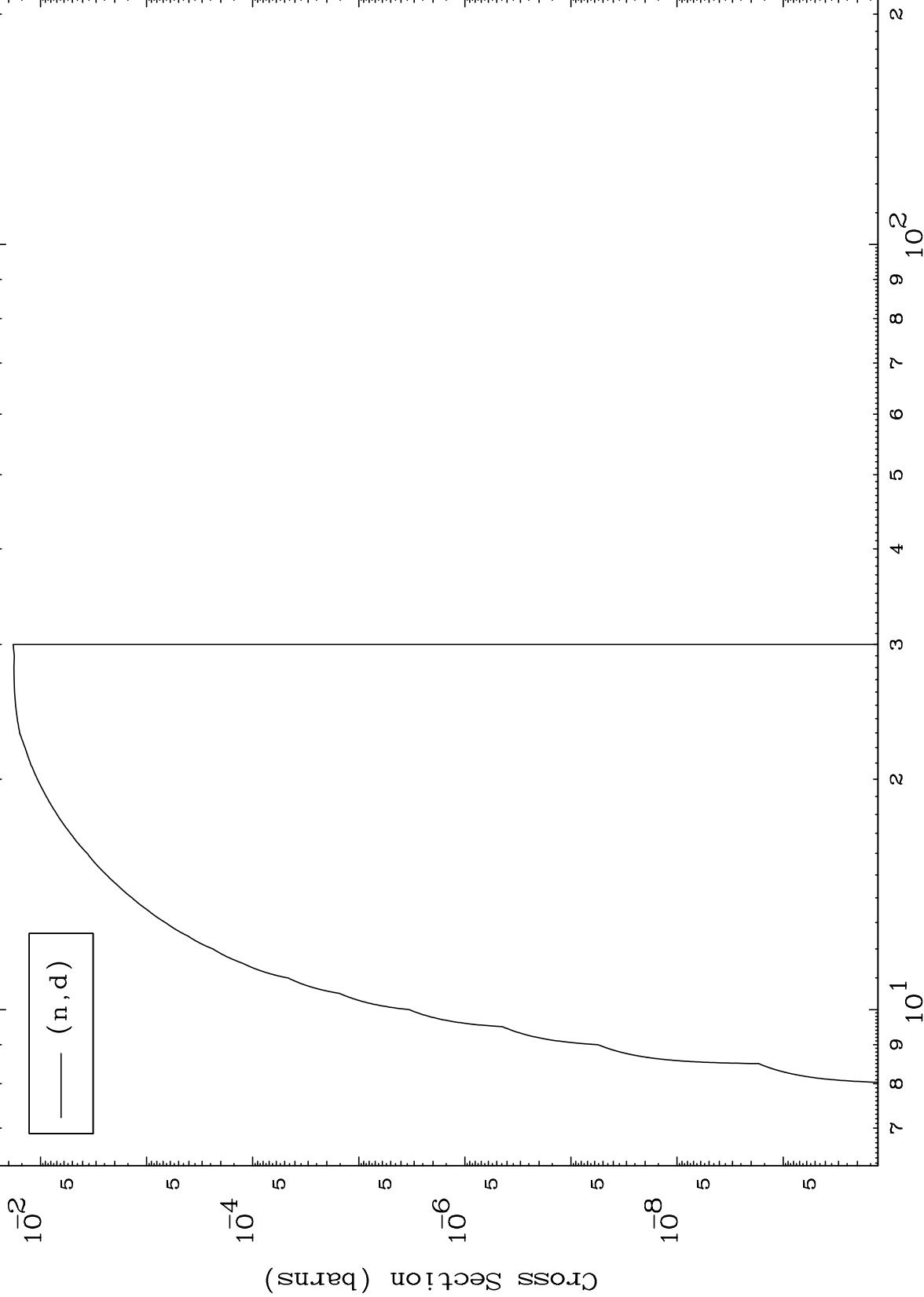
Incident Energy (MeV)

35-Br-83

MAT 3537

(n,d) Levels
293 Kelvin Cross Sections

35-Br-83



10

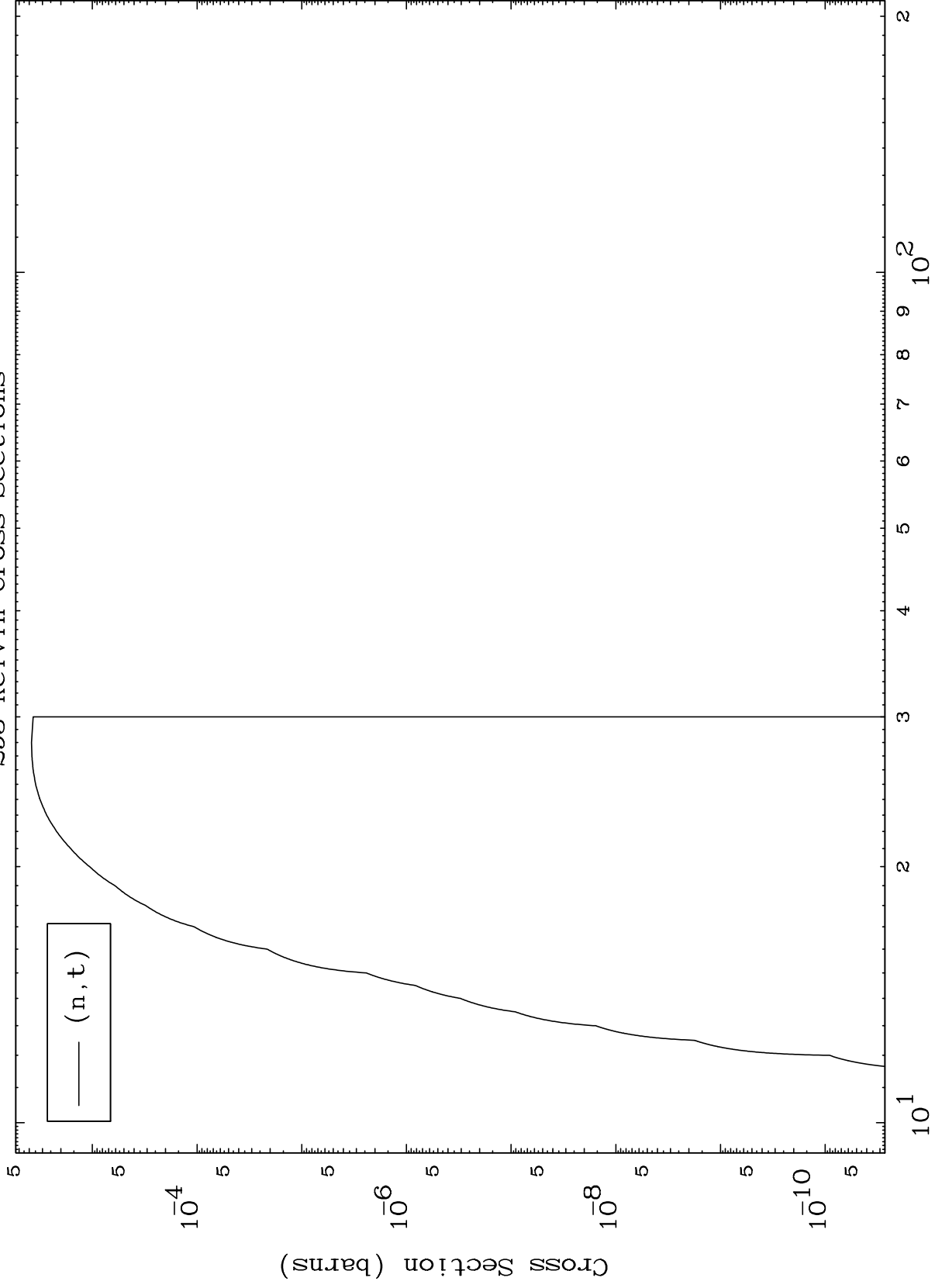
Incident Energy (MeV)

35-Br-83

MAT 3537

(n,t) Levels
293 Kelvin Cross Sections

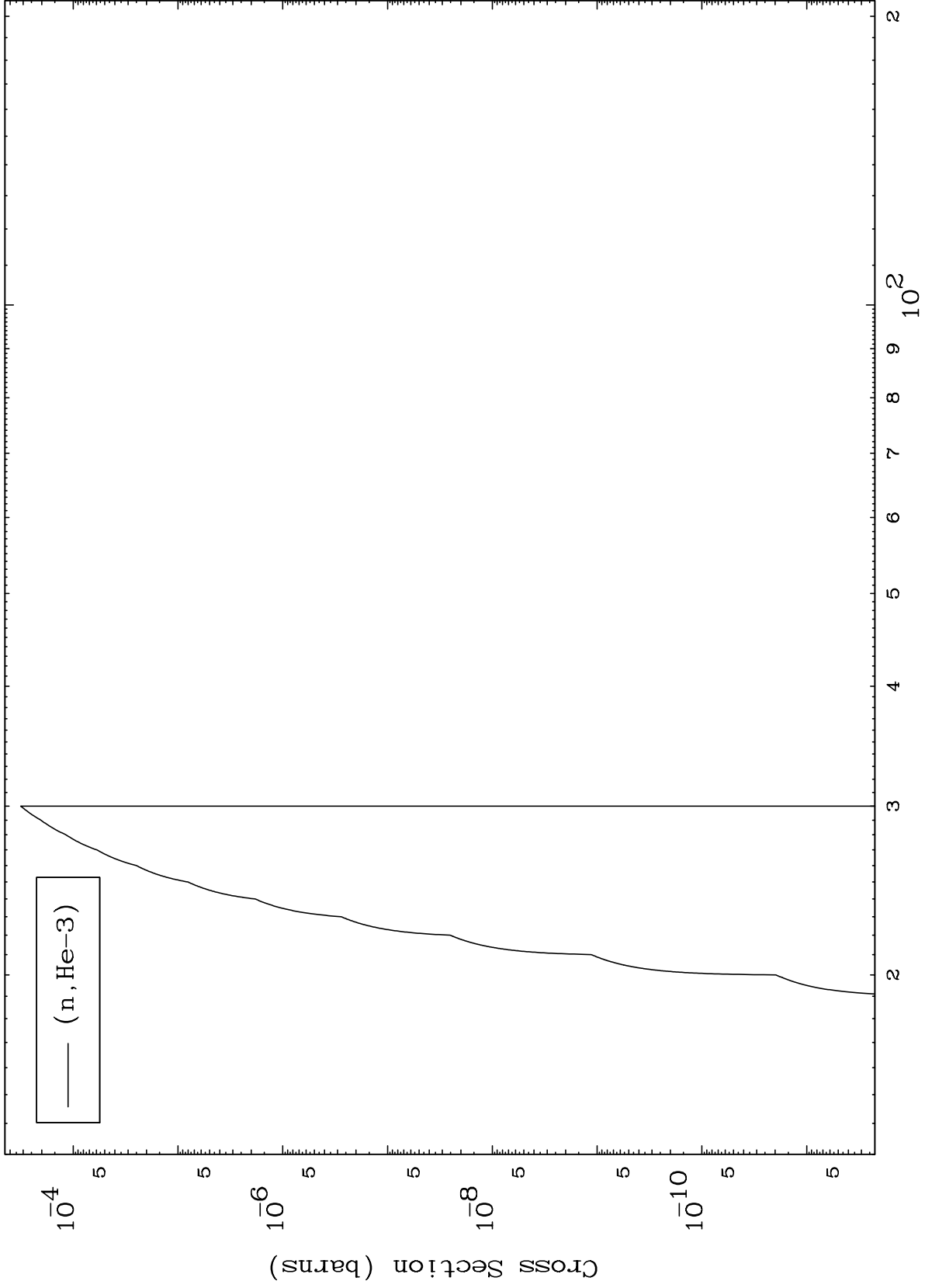
35-Br-83



11

Incident Energy (MeV)

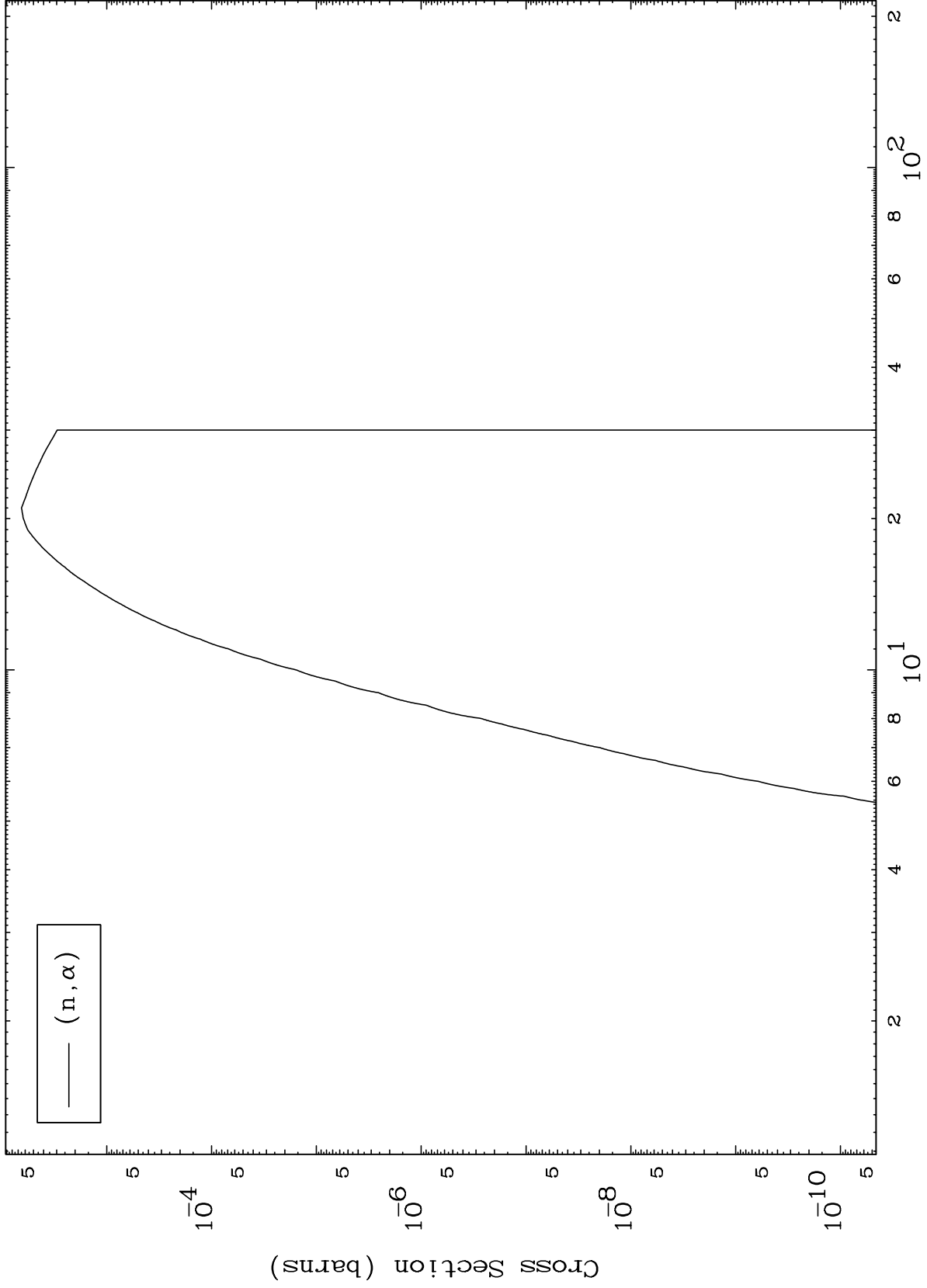
35-Br-83



MAT 3537

(n, α) Levels
293 Kelvin Cross Sections

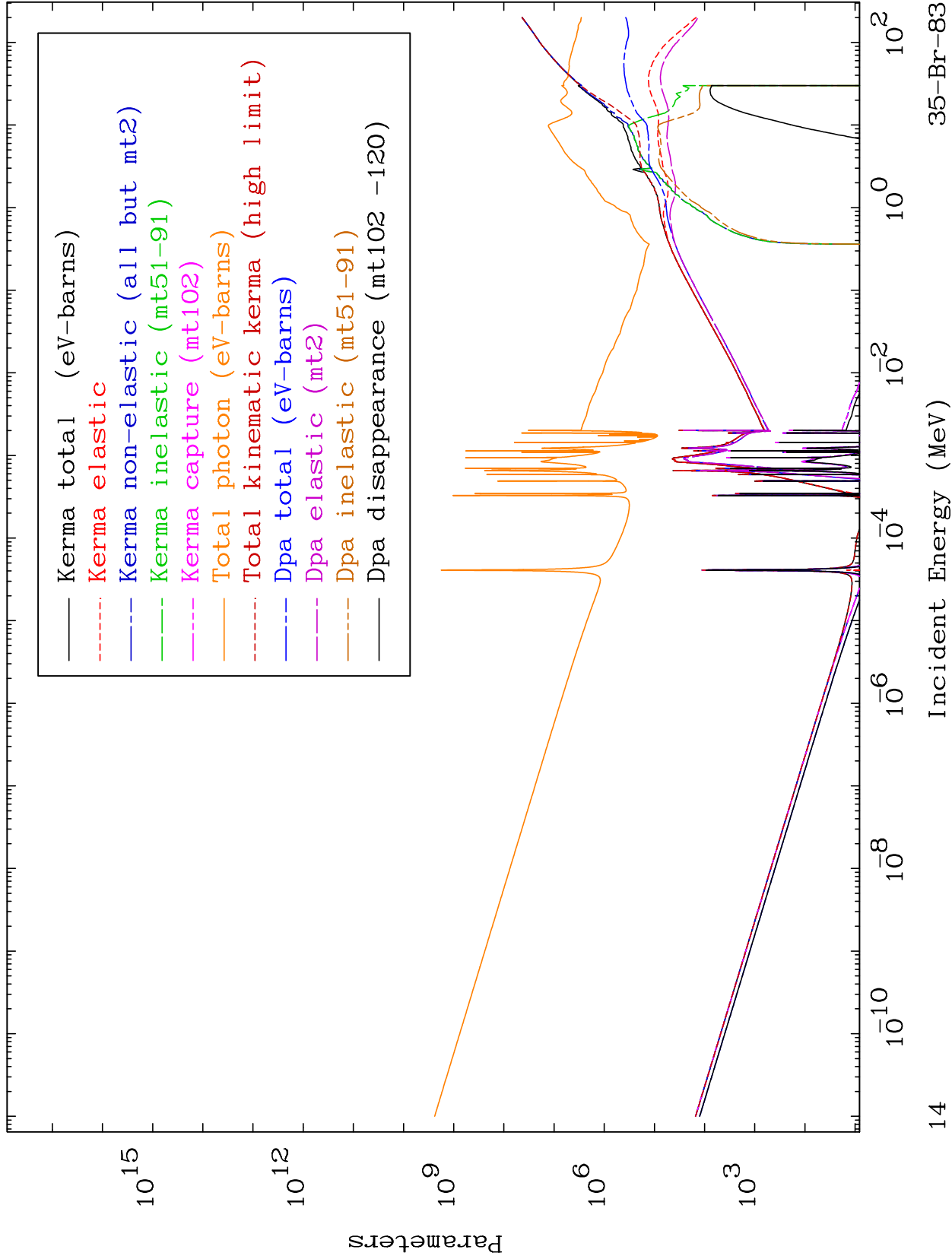
35-Br-83



13

Incident Energy (MeV)

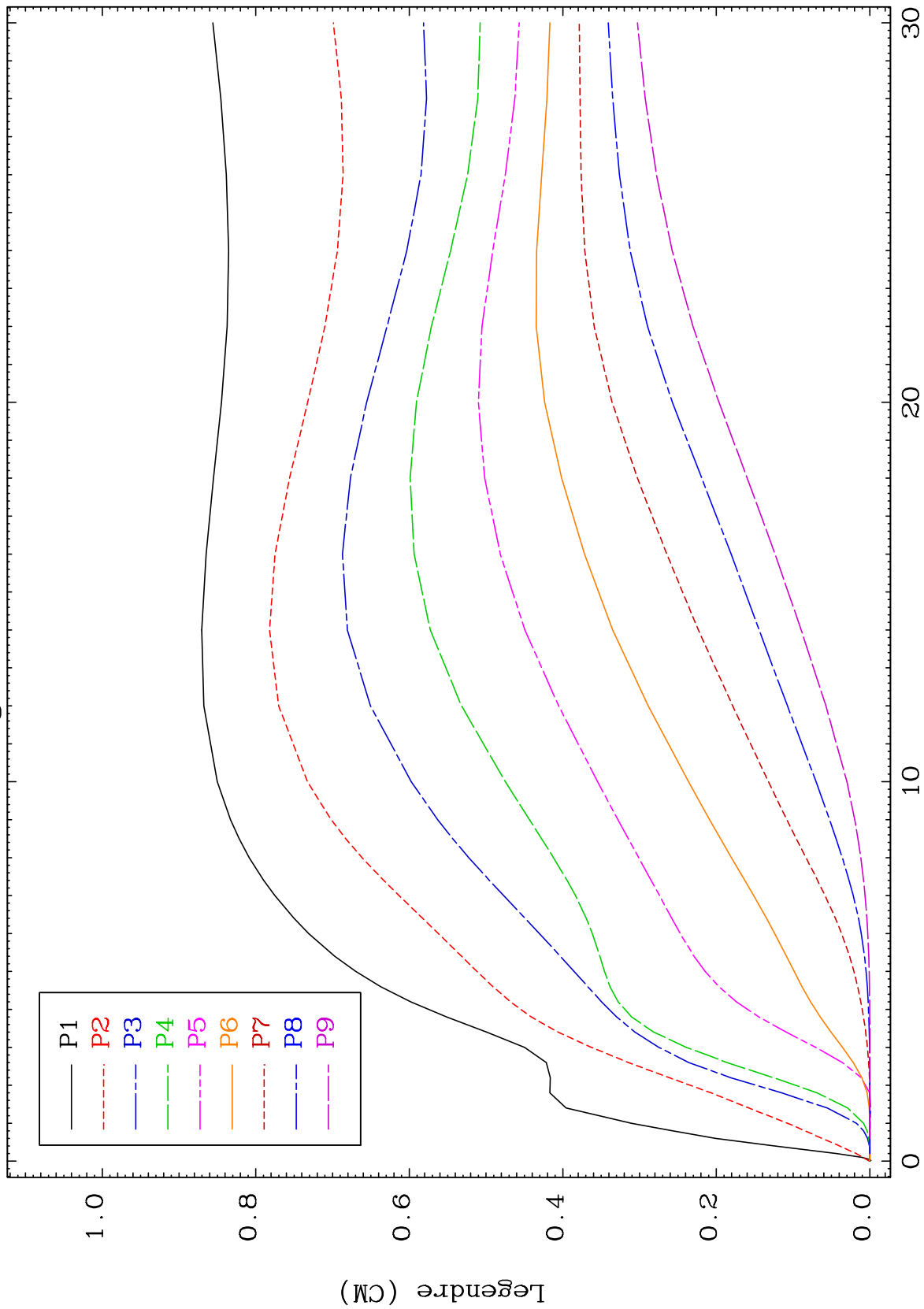
35-Br-83



MAT 3537

Elastic Legendre Coefficients

³⁵Br-83



15

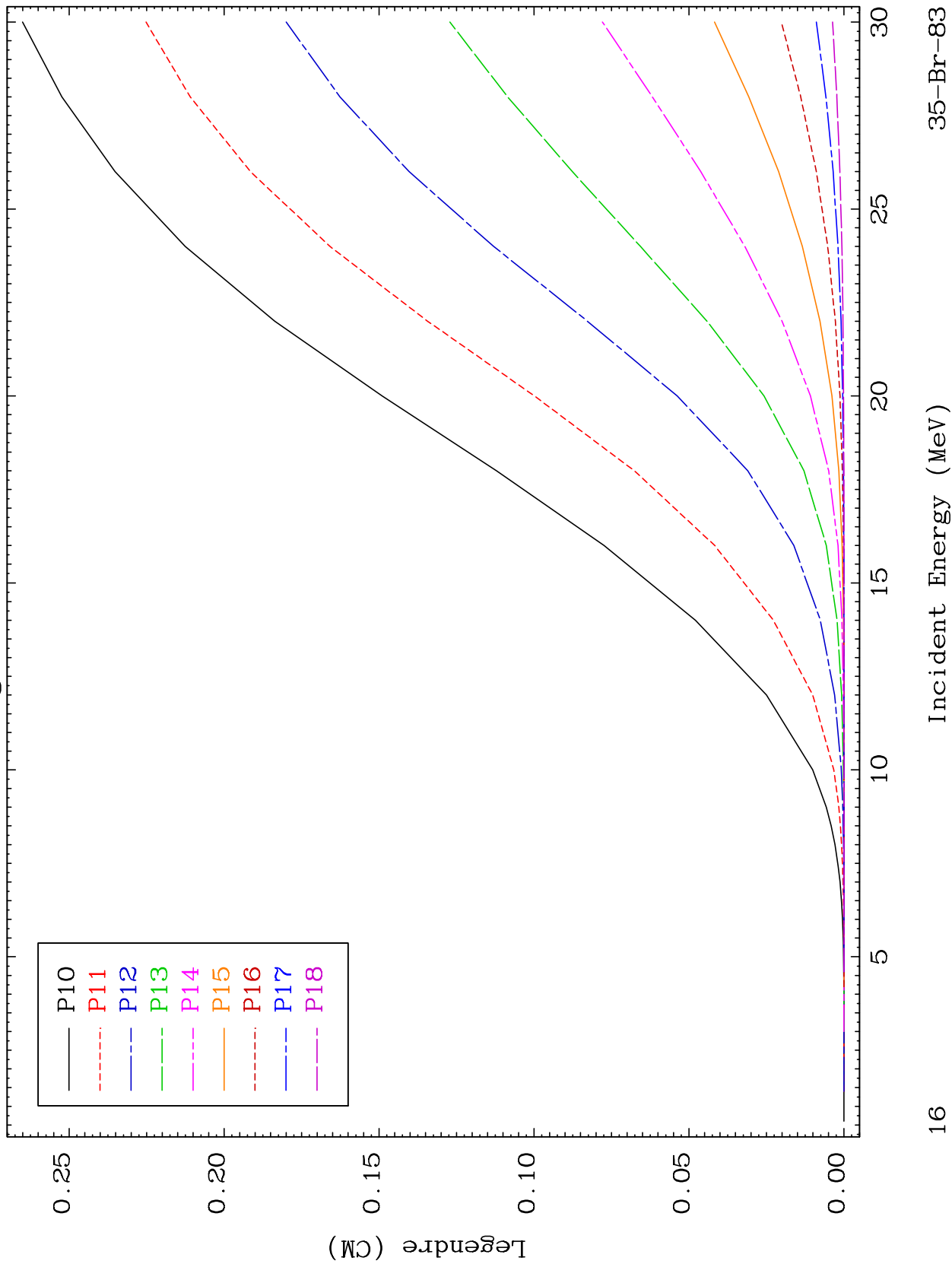
Incident Energy (MeV)

³⁵Br-83

MAT 3537

Elastic Legendre Coefficients

35-Br-83



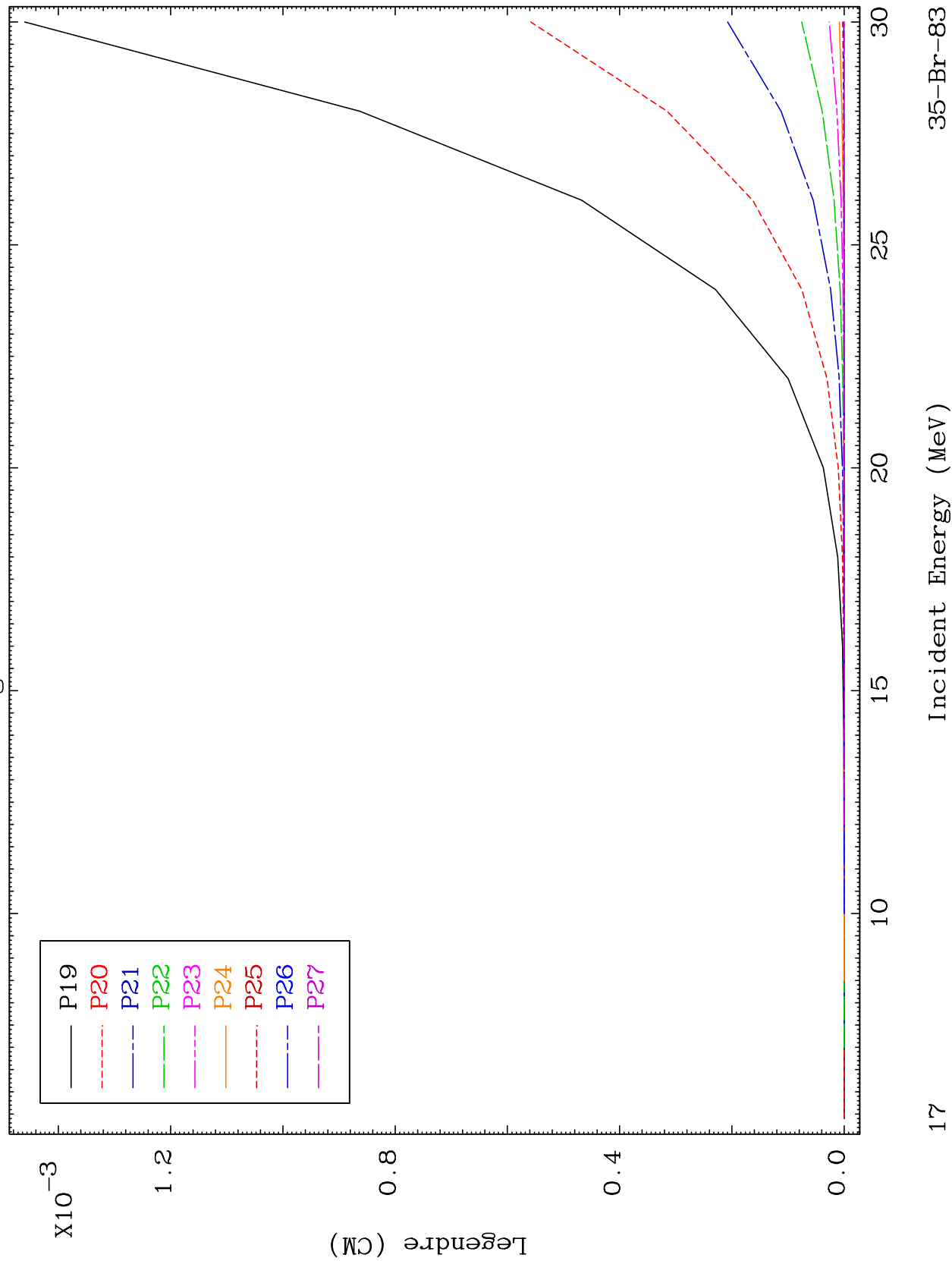
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35-Br-83

MAT 3537

Elastic Legendre Coefficients

35-Br-83



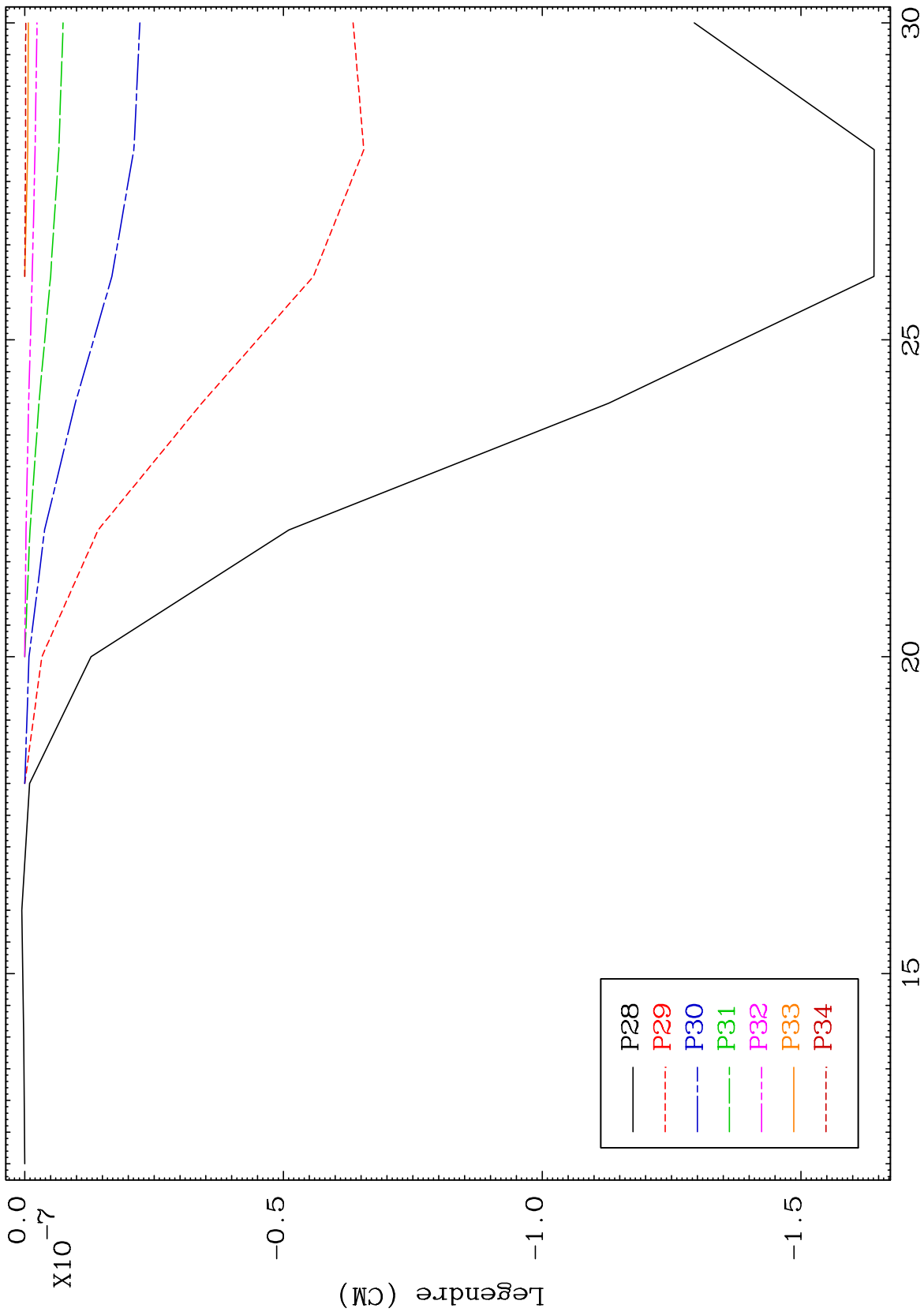
17

35-Br-83

MAT 3537

35-Br-83

Elastic Legendre Coefficients



18

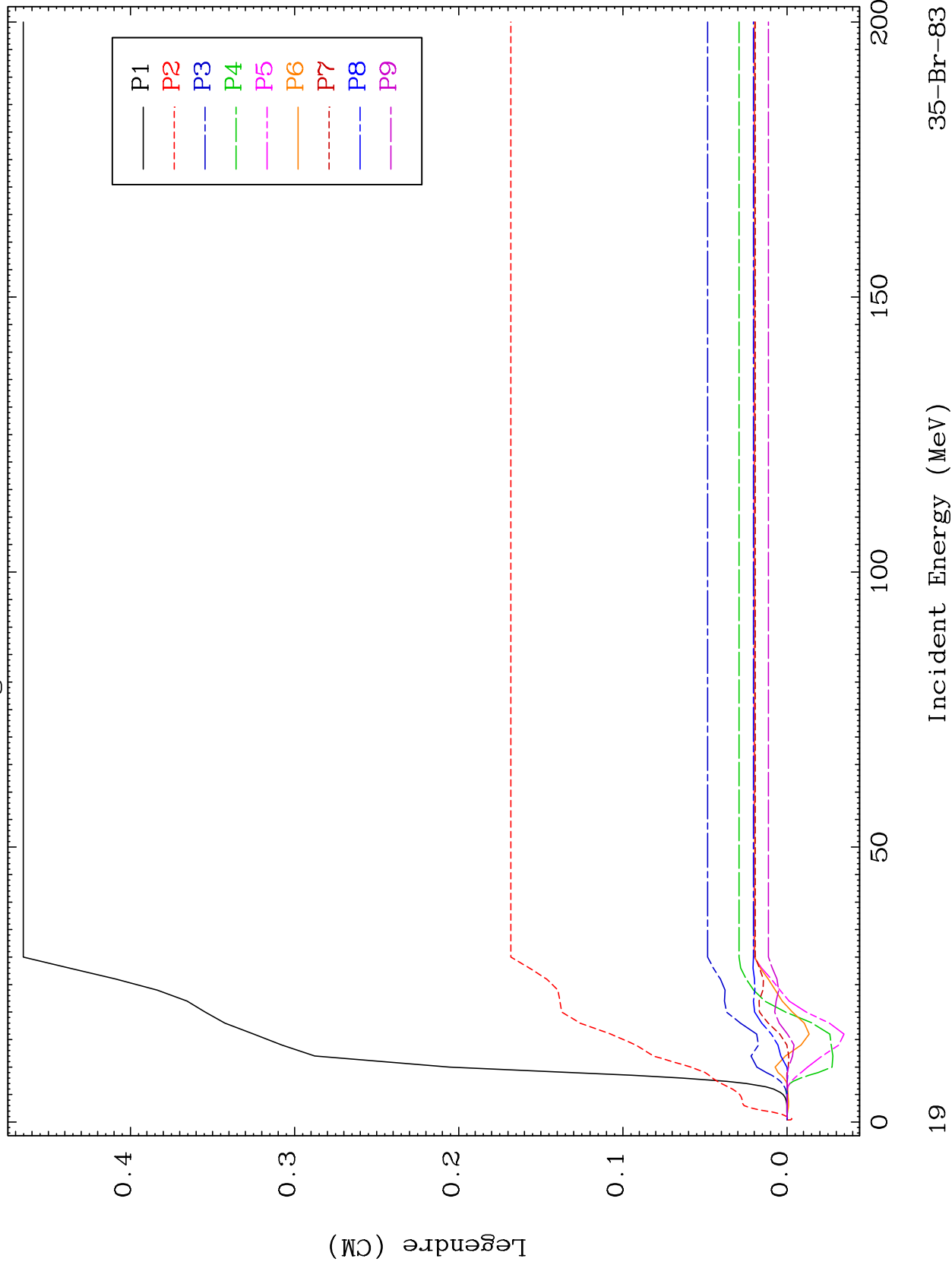
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



35-Br-83

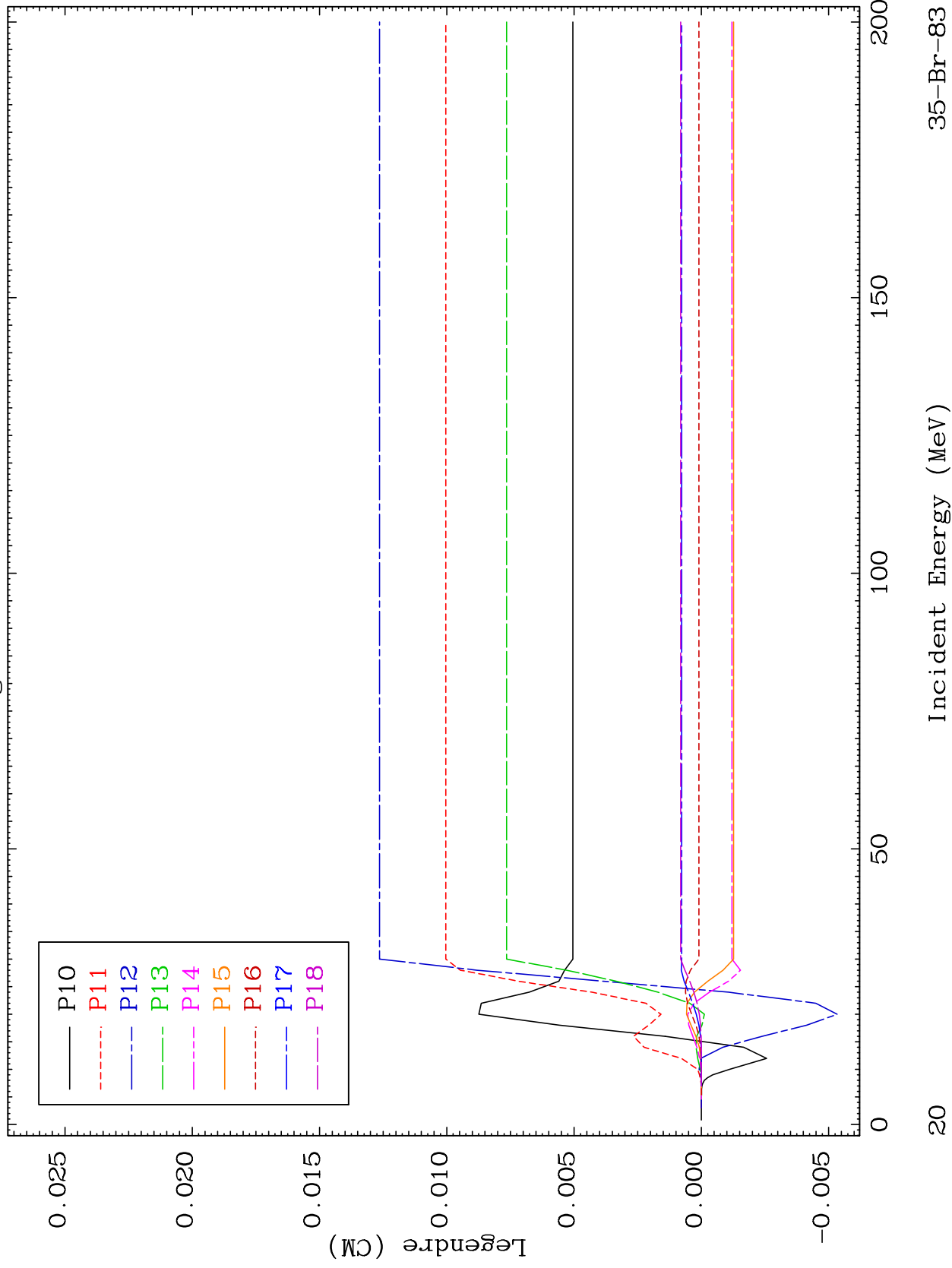
Incident Energy (MeV)

19

MAT 3537

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

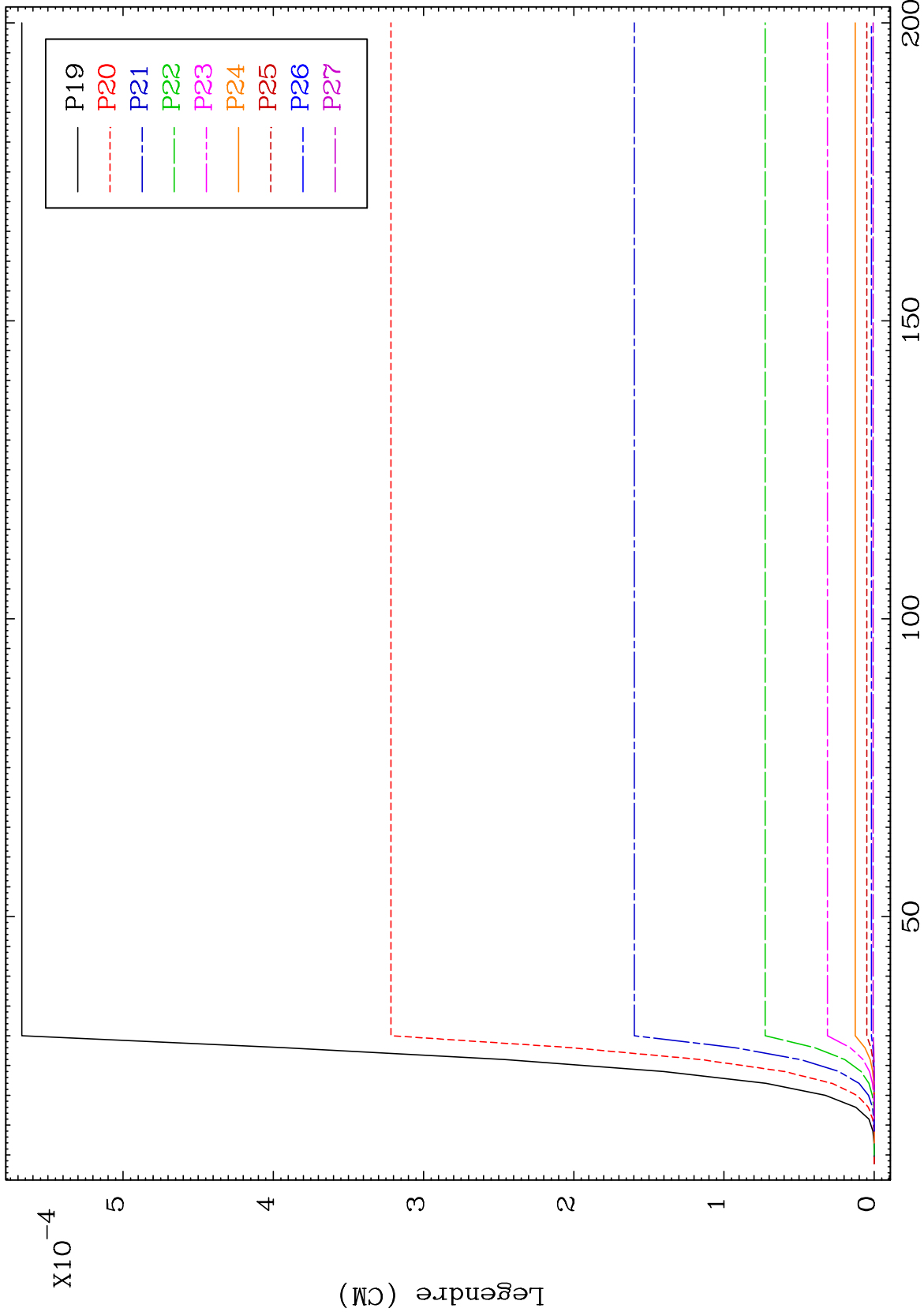
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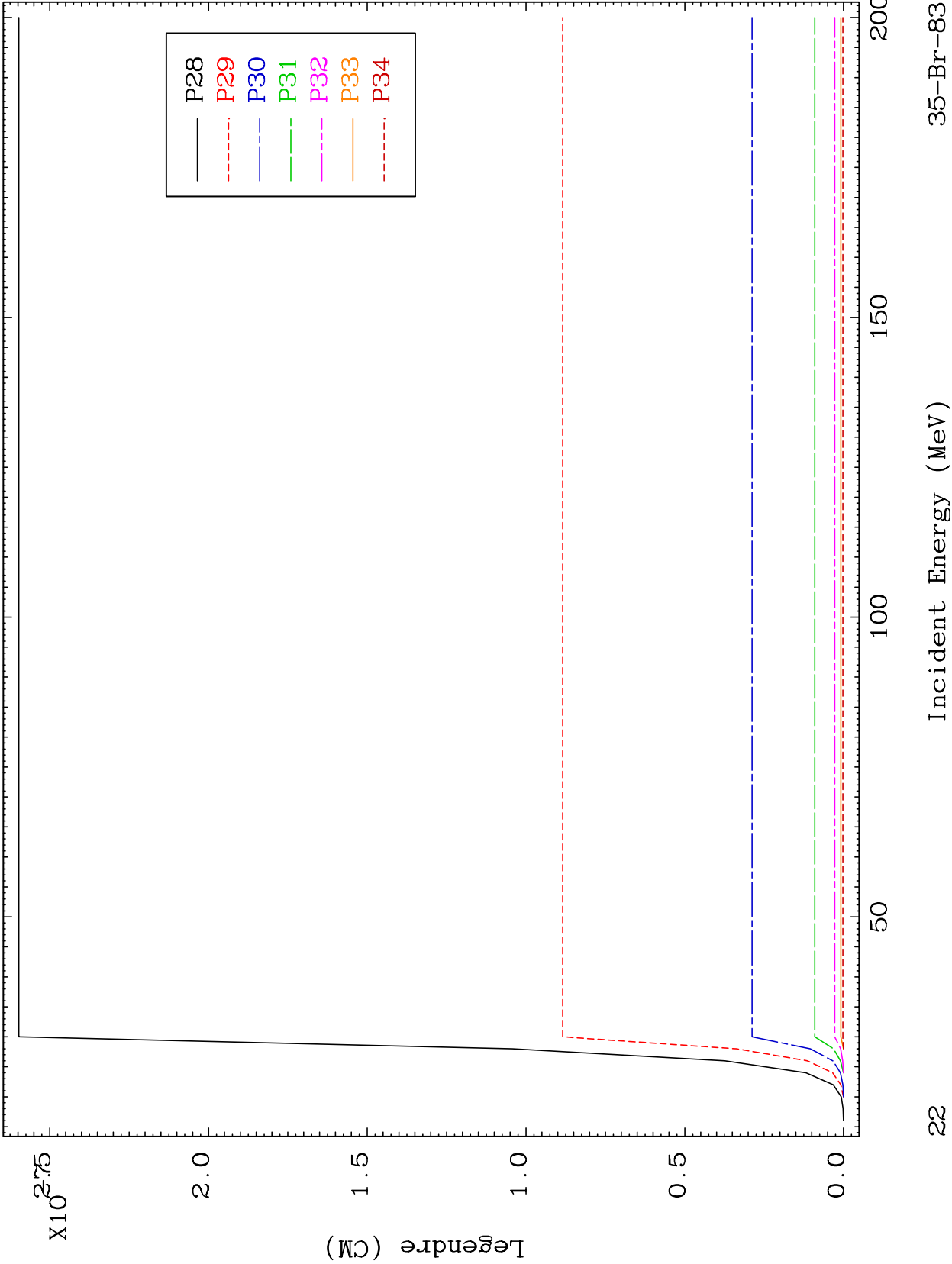


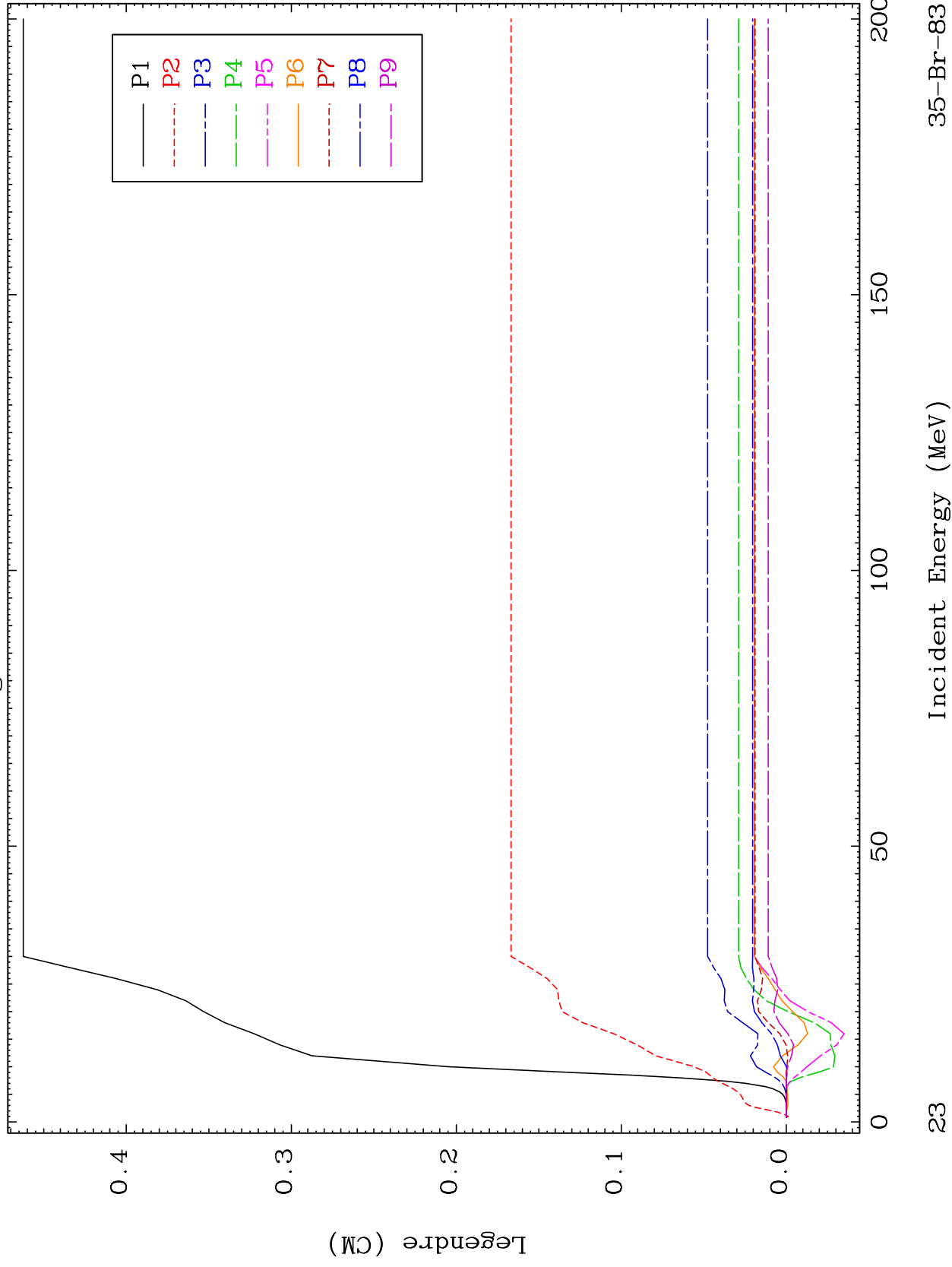
35-Br-83

Incident Energy (MeV)

0



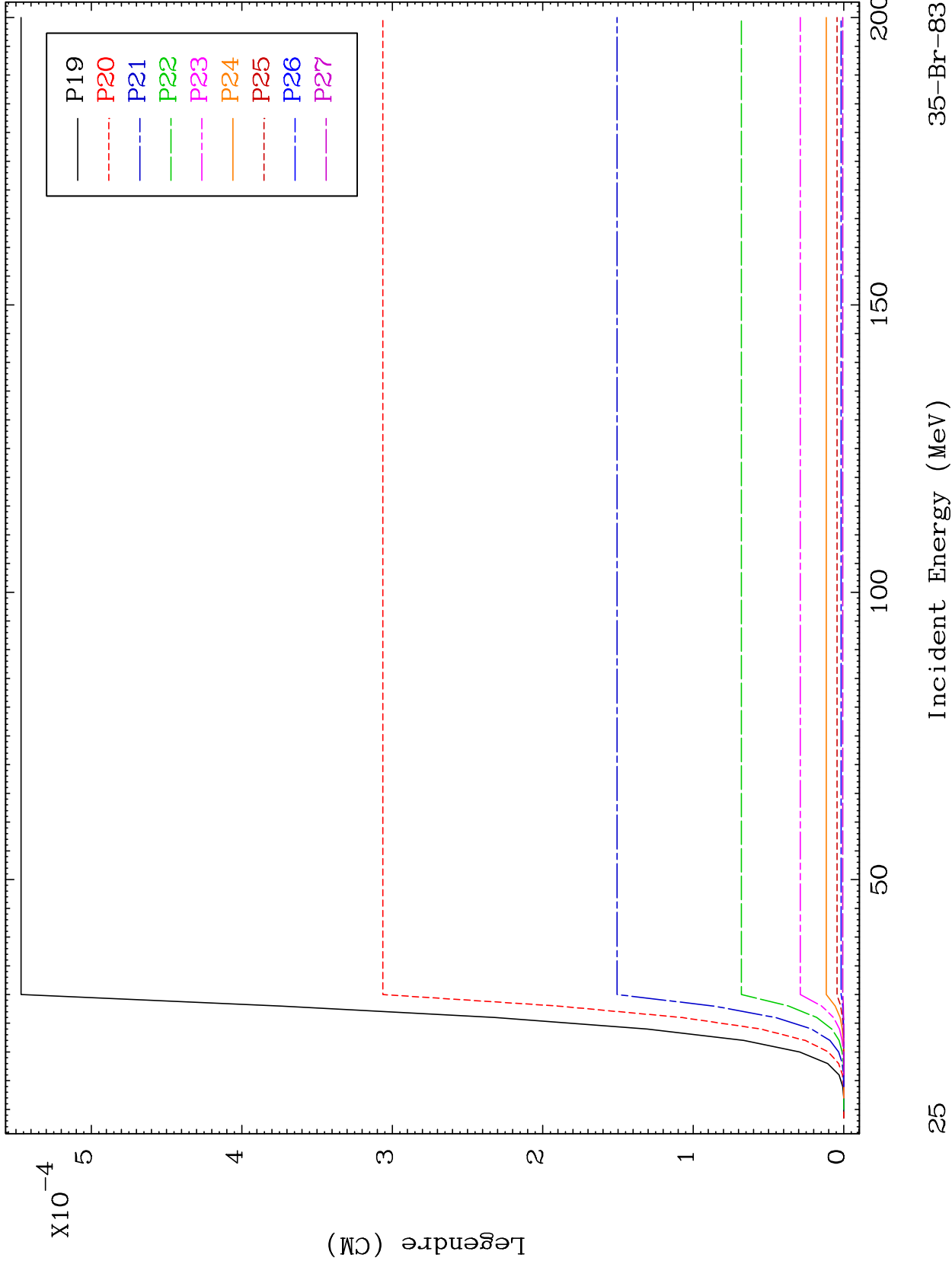




MAT 3537

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

35-Br-83



25

Incident Energy (MeV)

35-Br-83

200

150

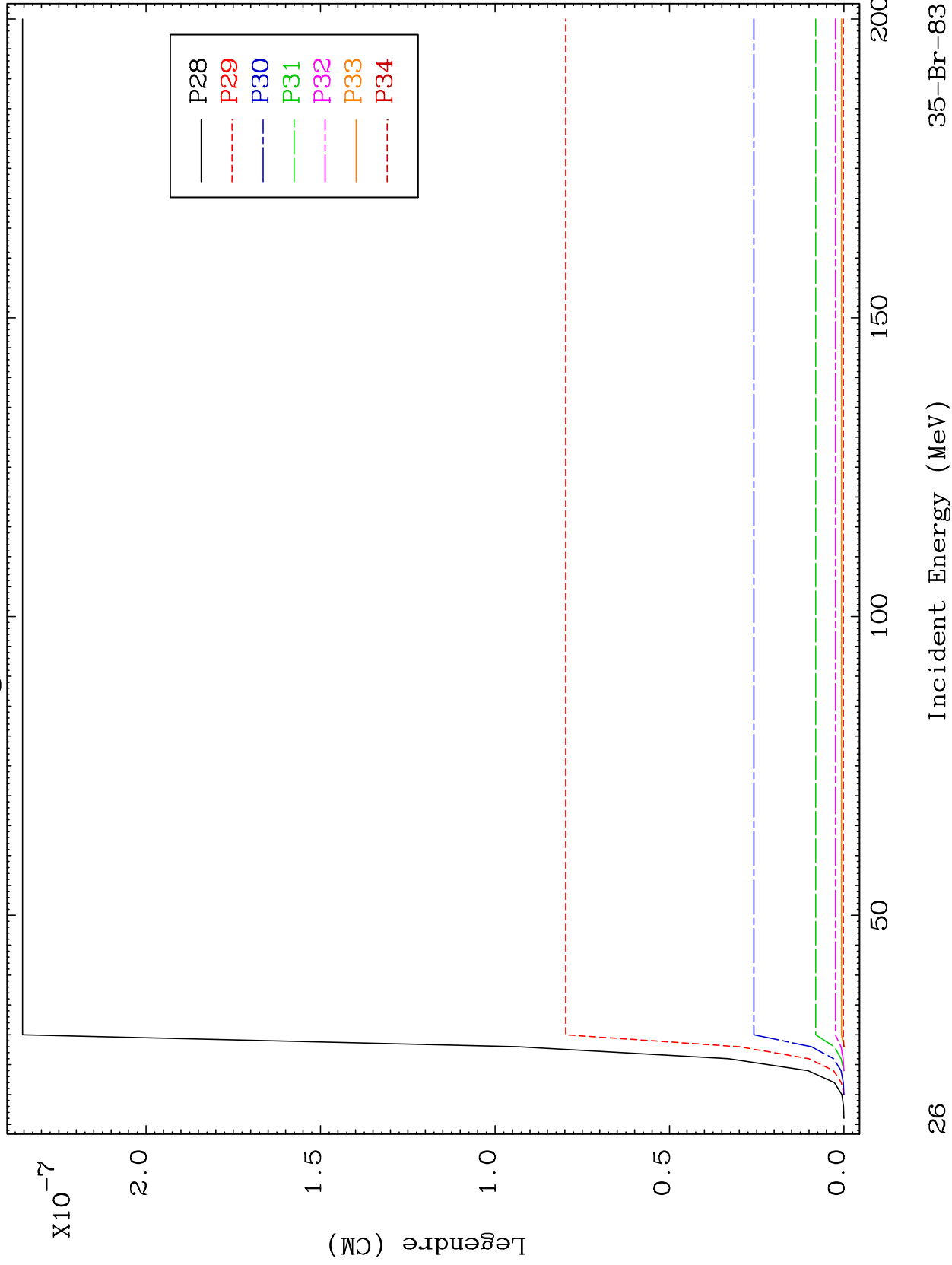
100

50

MAT 3537

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

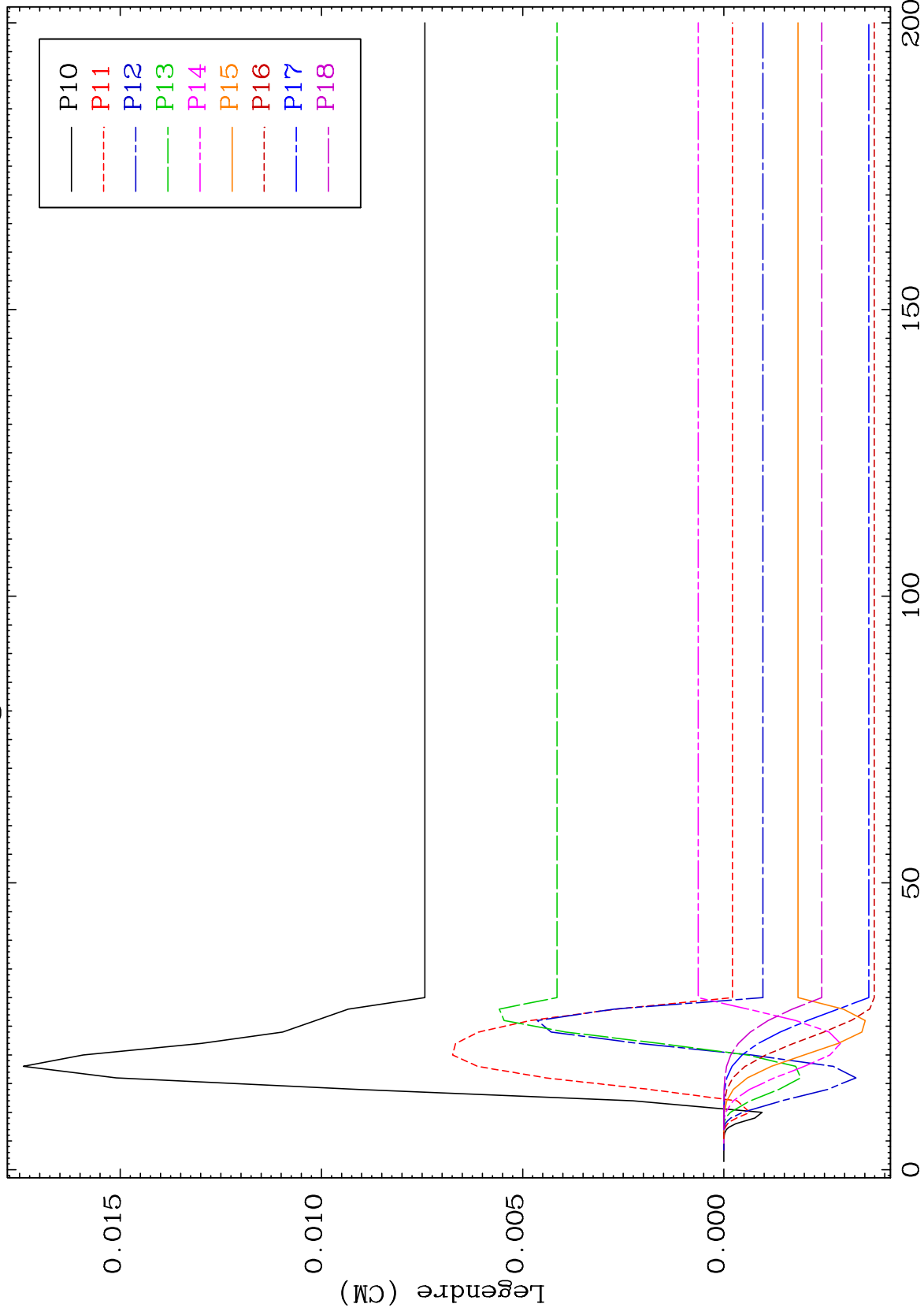
35-Br-83



MAT 3537

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

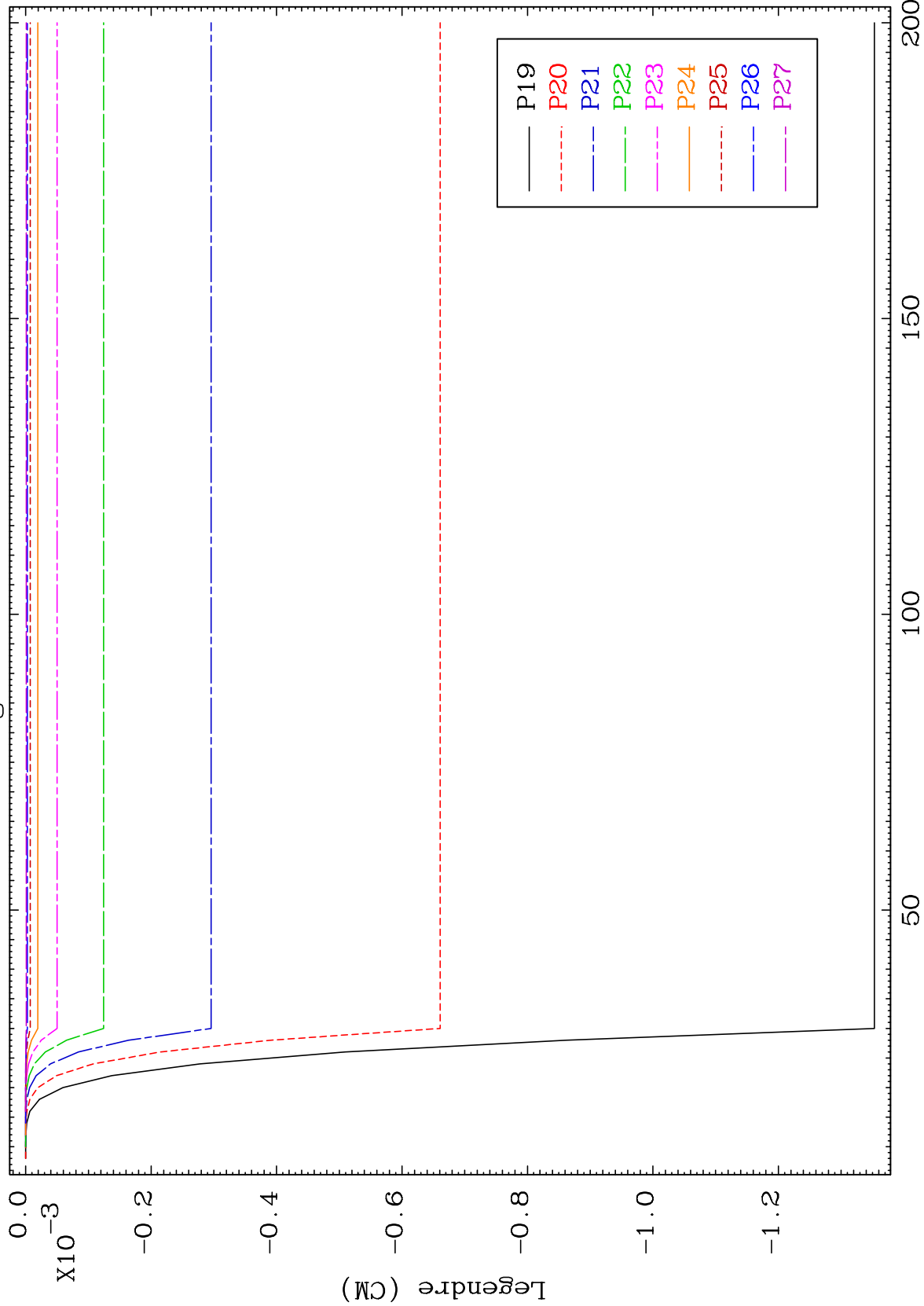
35-Br-83



28

Incident Energy (MeV)

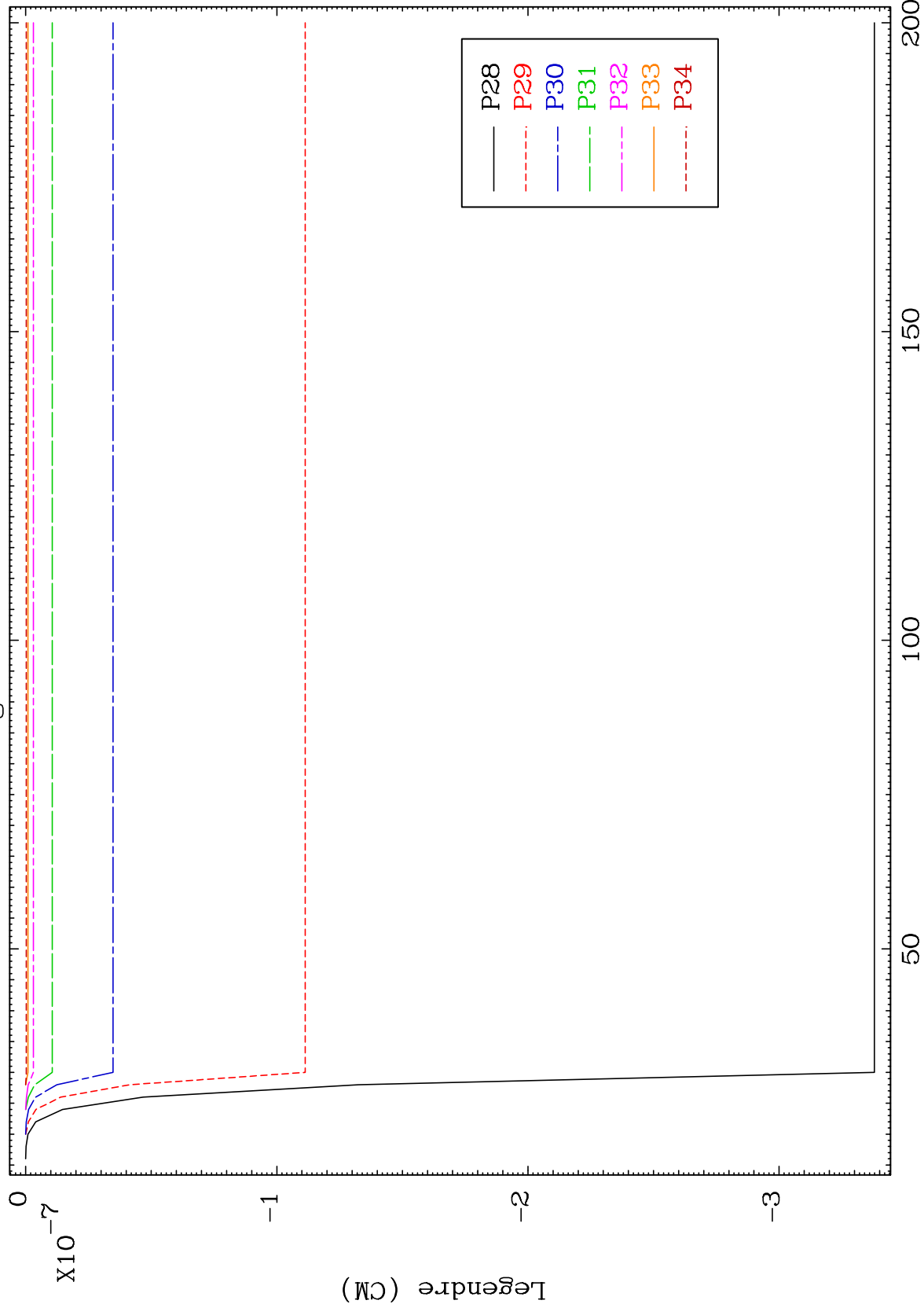
35-Br-83



MAT 3537

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

35-Br-83



30

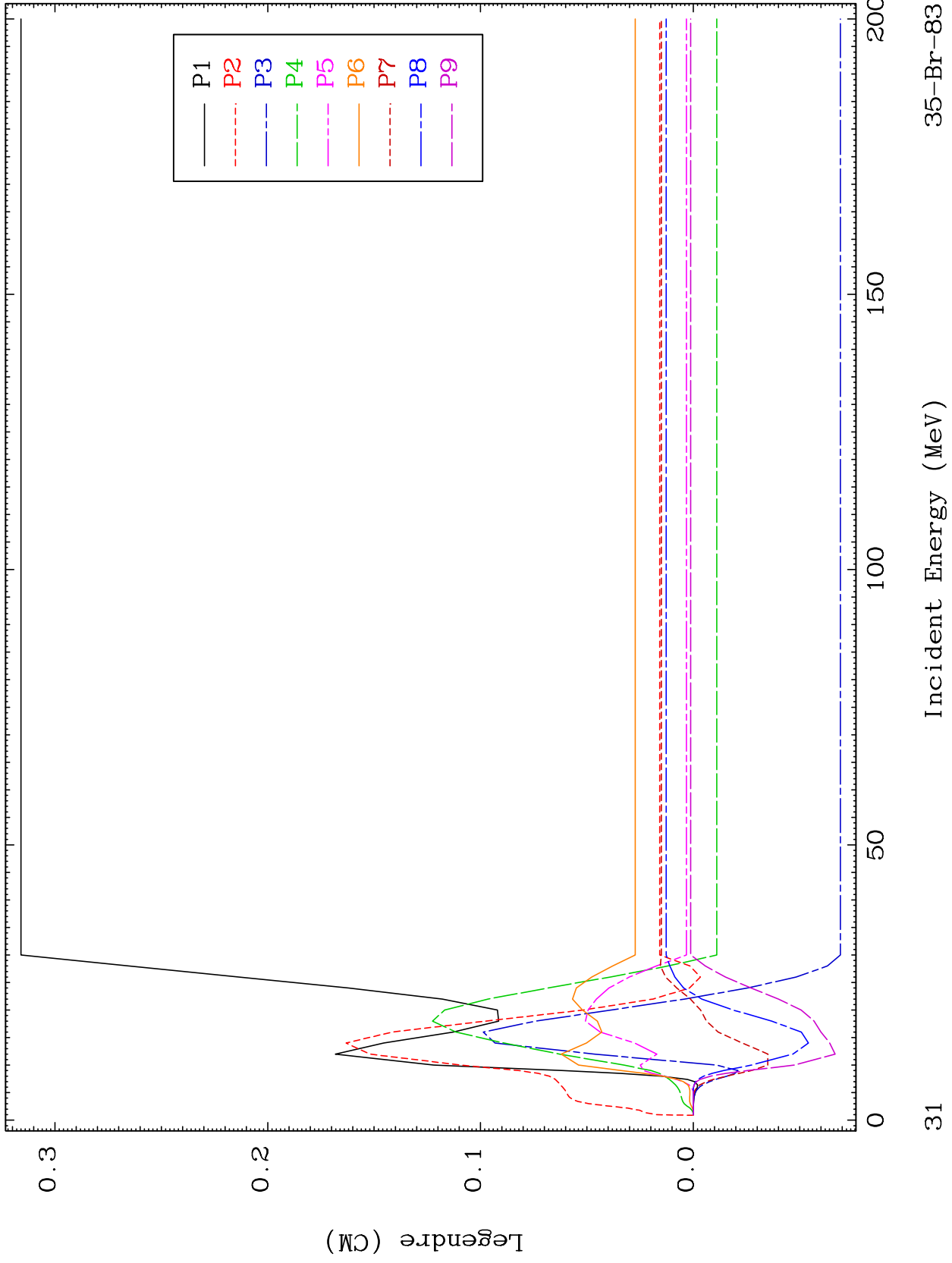
Incident Energy (MeV)

35-Br-83

MAT 3537

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

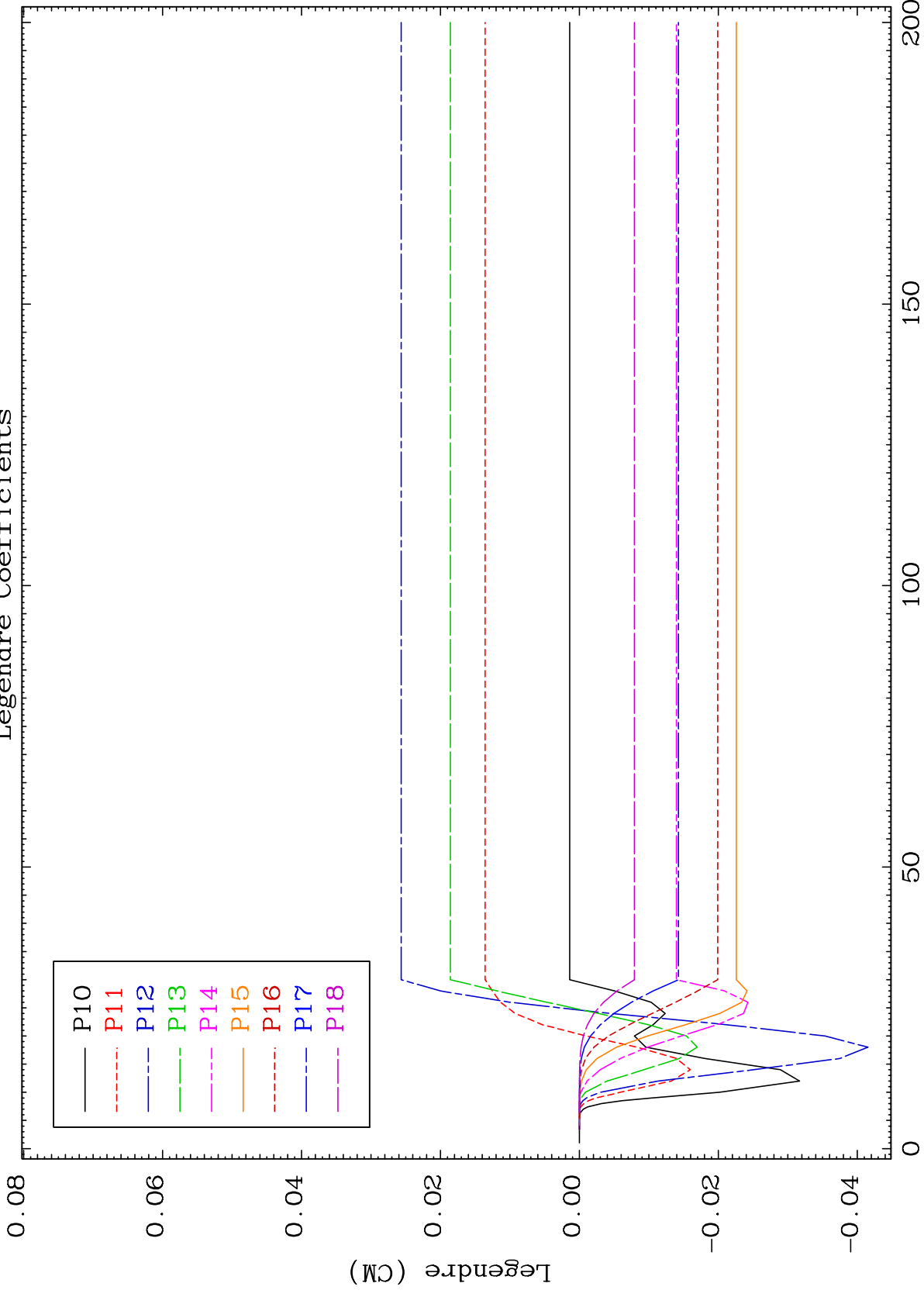
35-Br-83



MAT 3537

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

35-Br-83



32

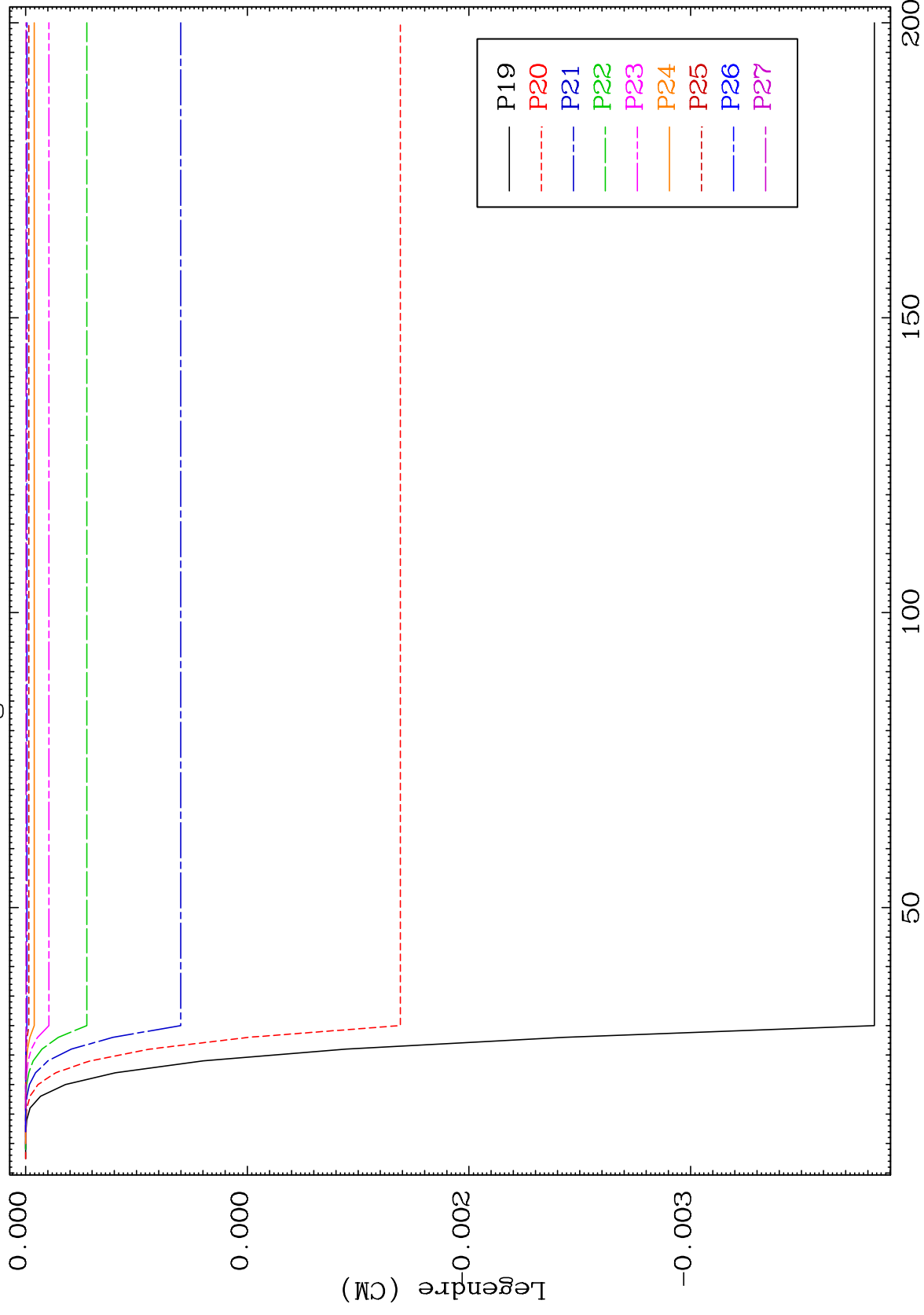
Incident Energy (MeV)

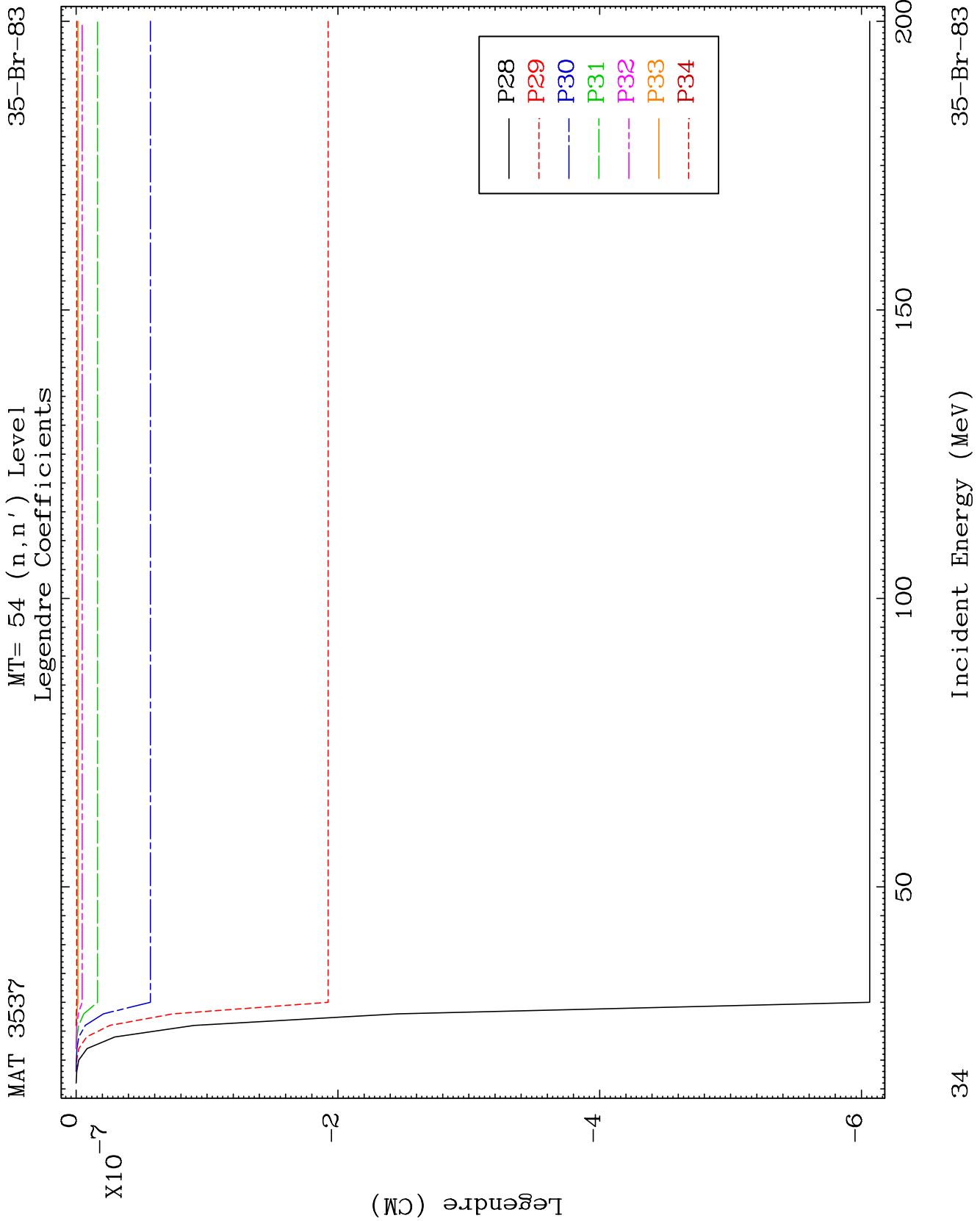
35-Br-83

MAT 3537

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

35-Br-83

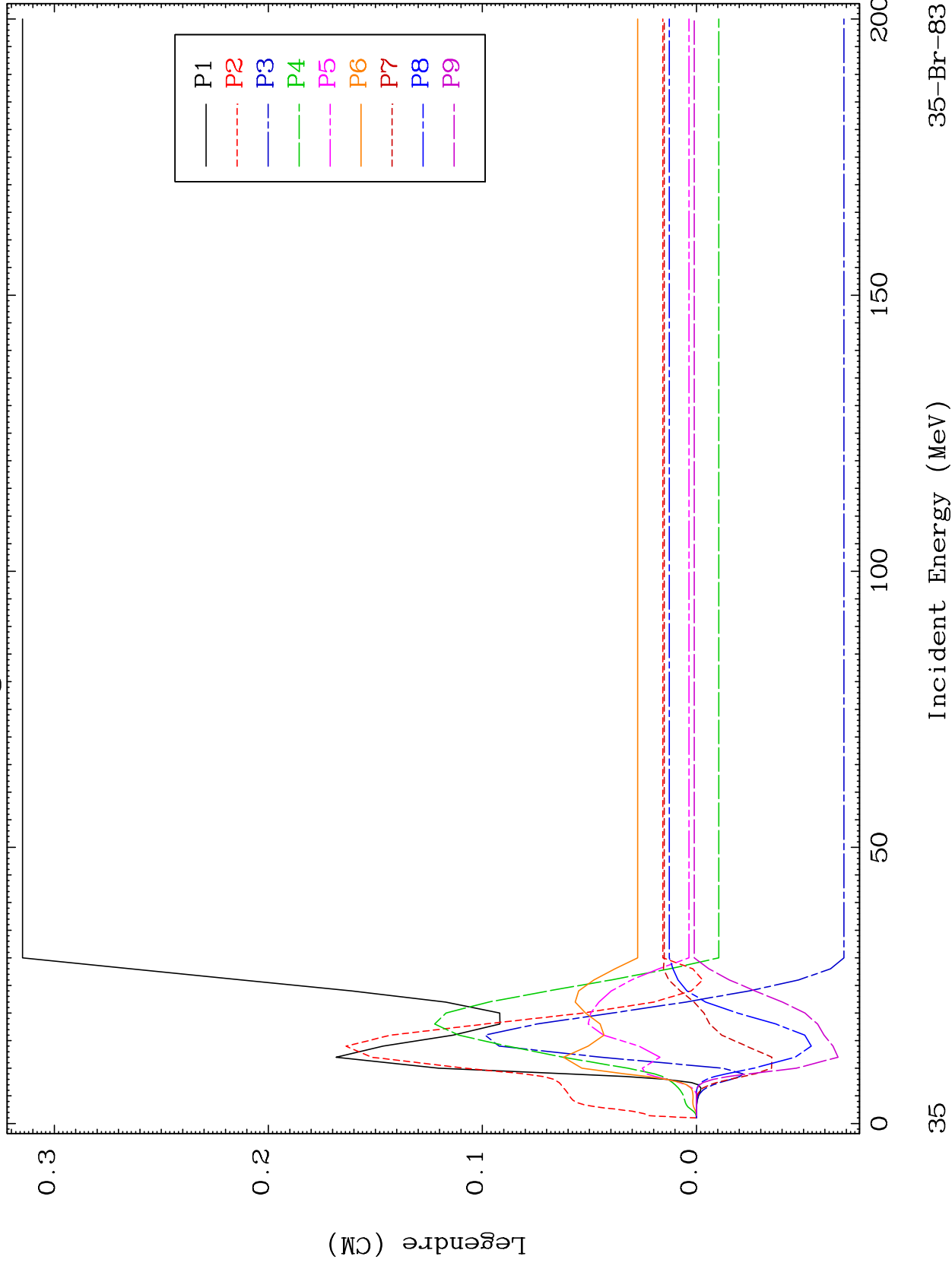




MAT 3537

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

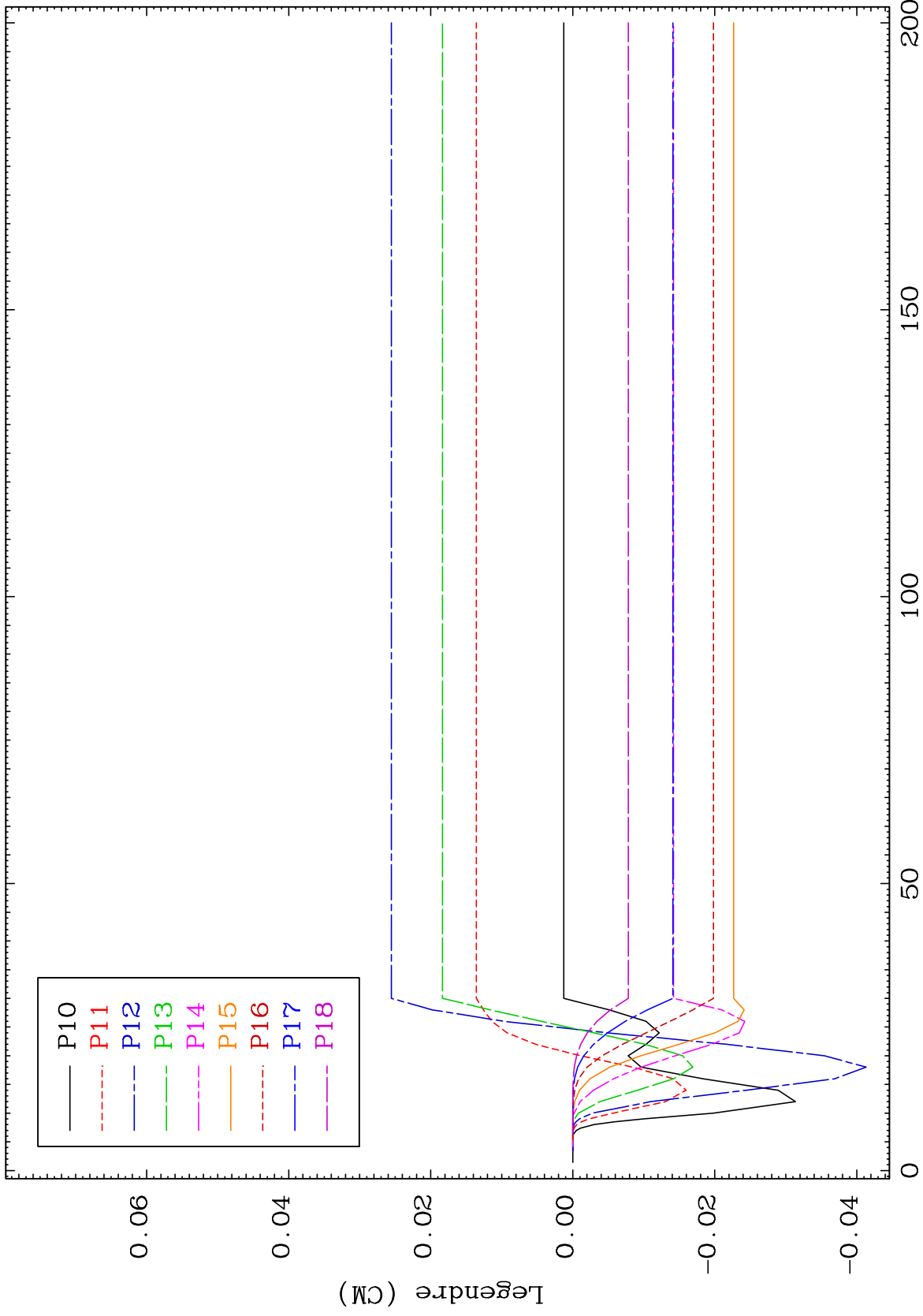
35-Br-83



35-Br-83

Incident Energy (MeV)

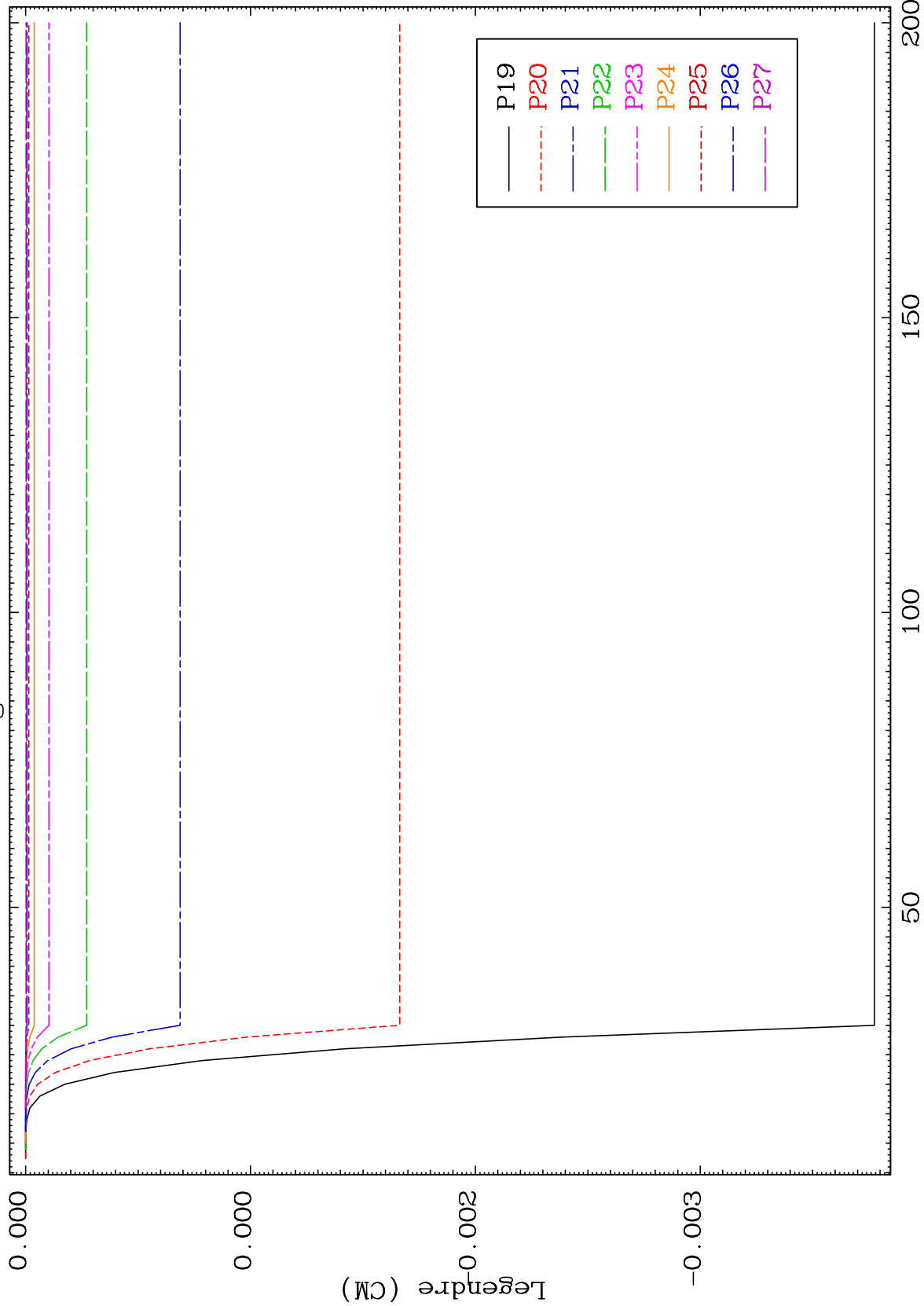
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MAT 3537

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

35-Br-83



37

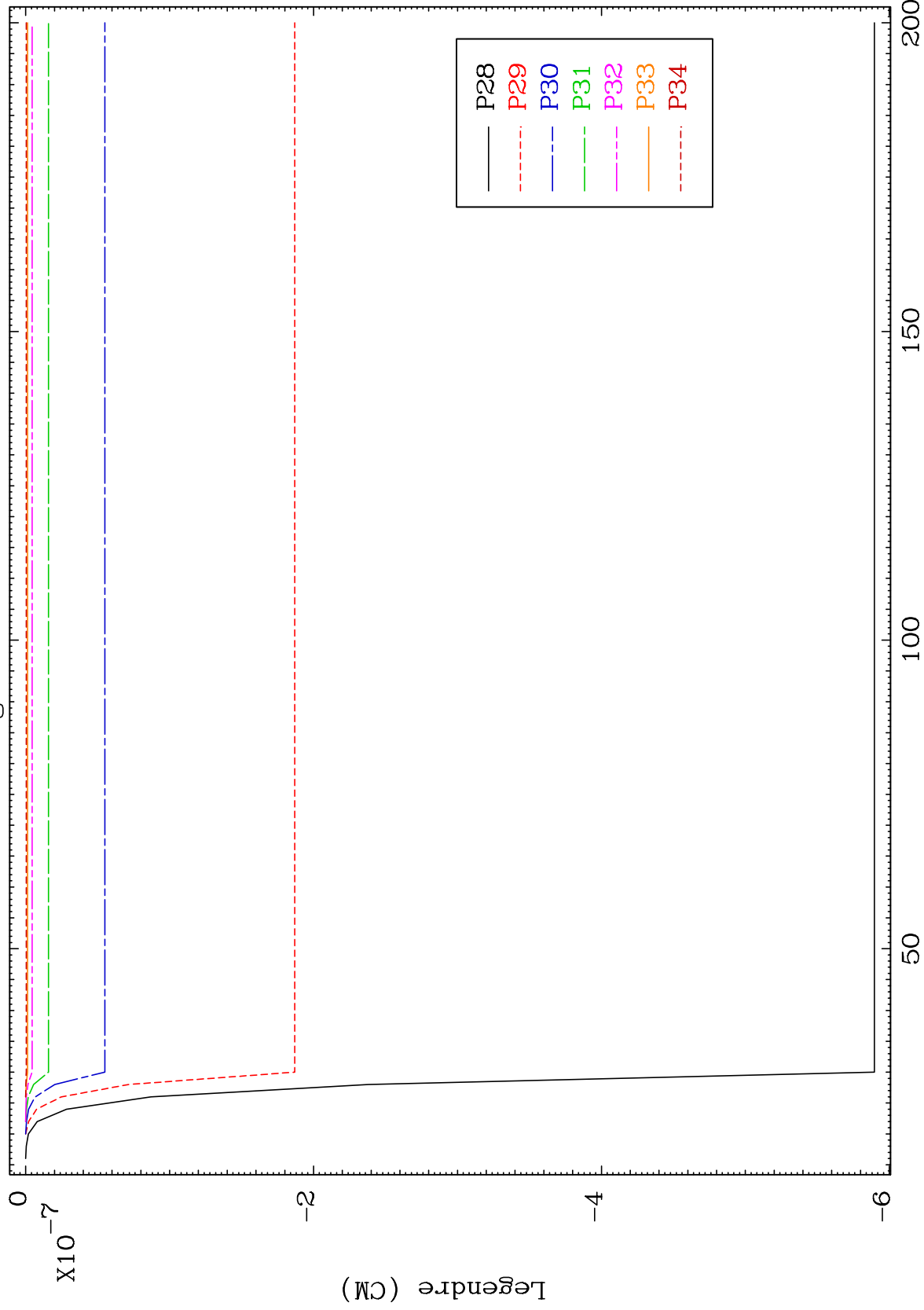
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



38

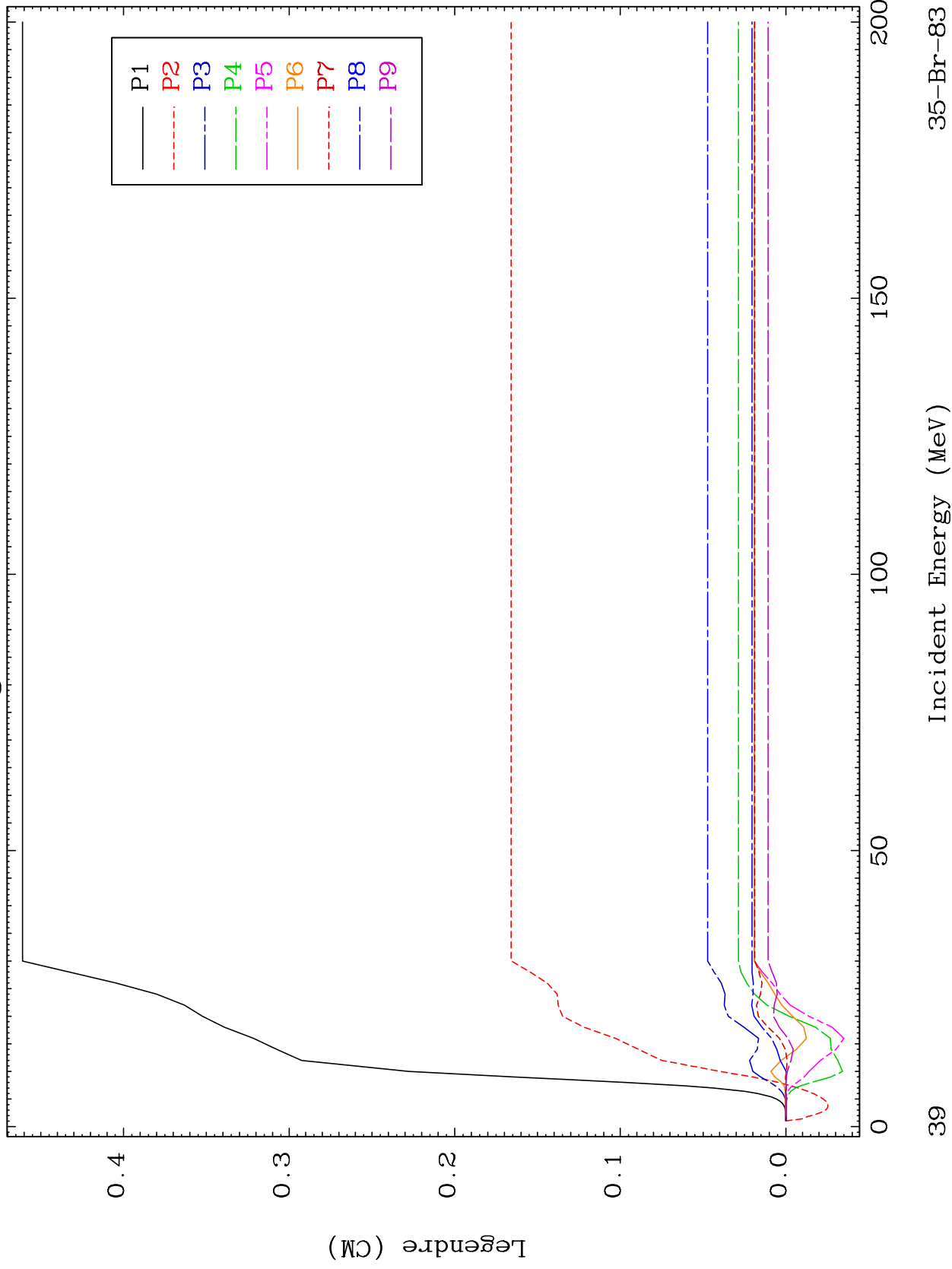
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



35-Br-83

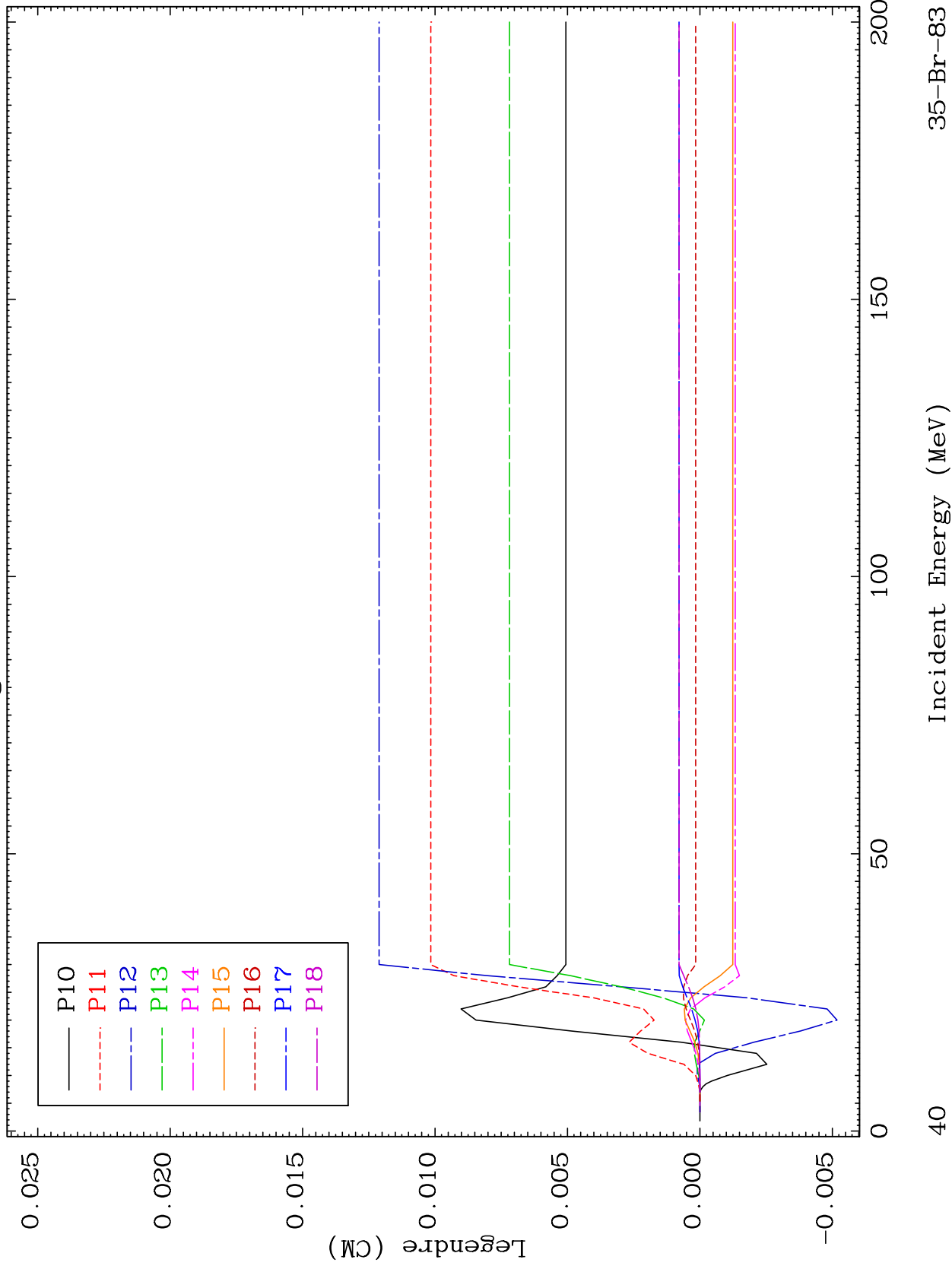
Incident Energy (MeV)

39

MAT 3537

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

35-Br-83



35-Br-83

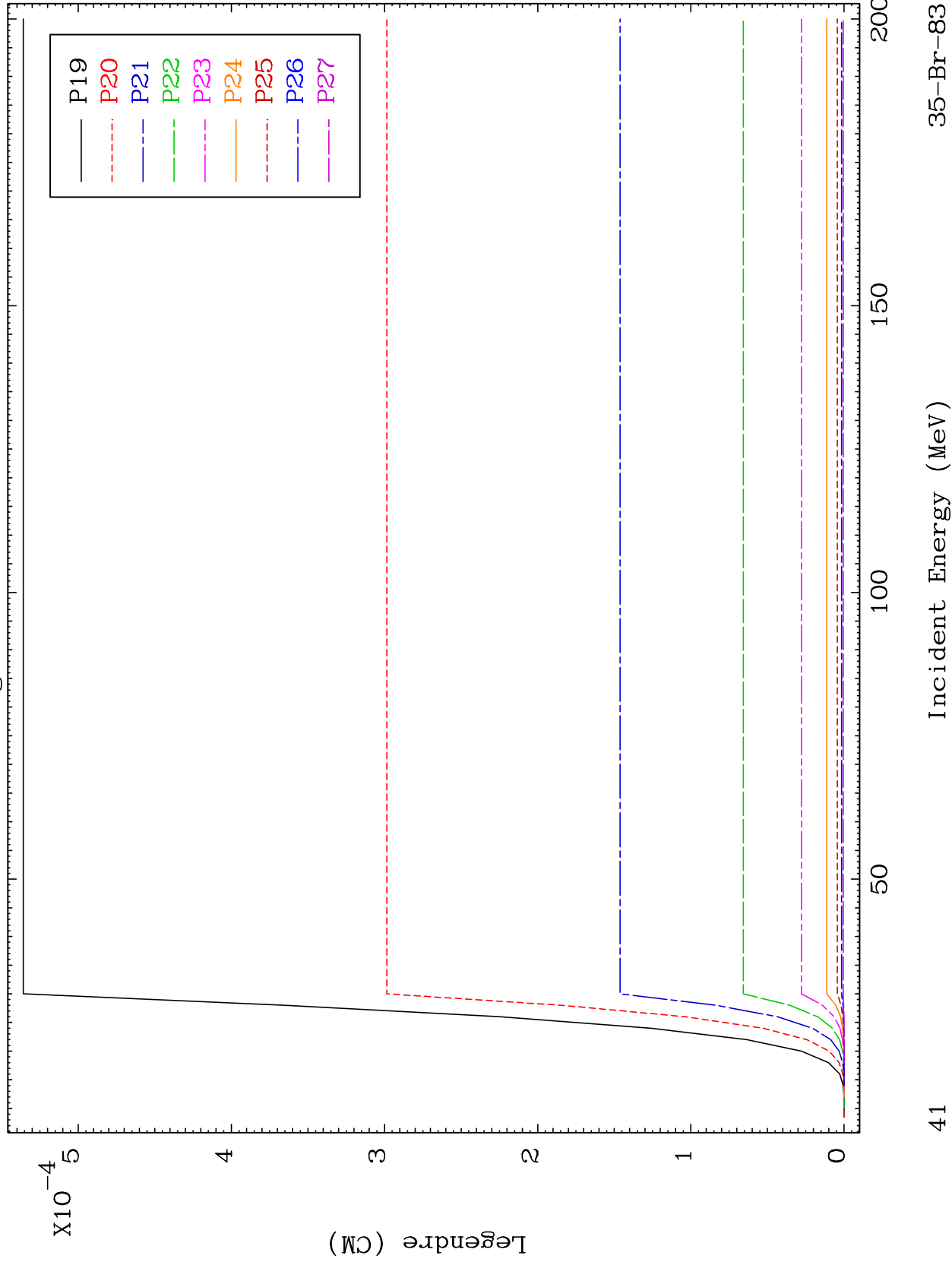
Incident Energy (MeV)

40

MAT 3537

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

35-Br-83



41

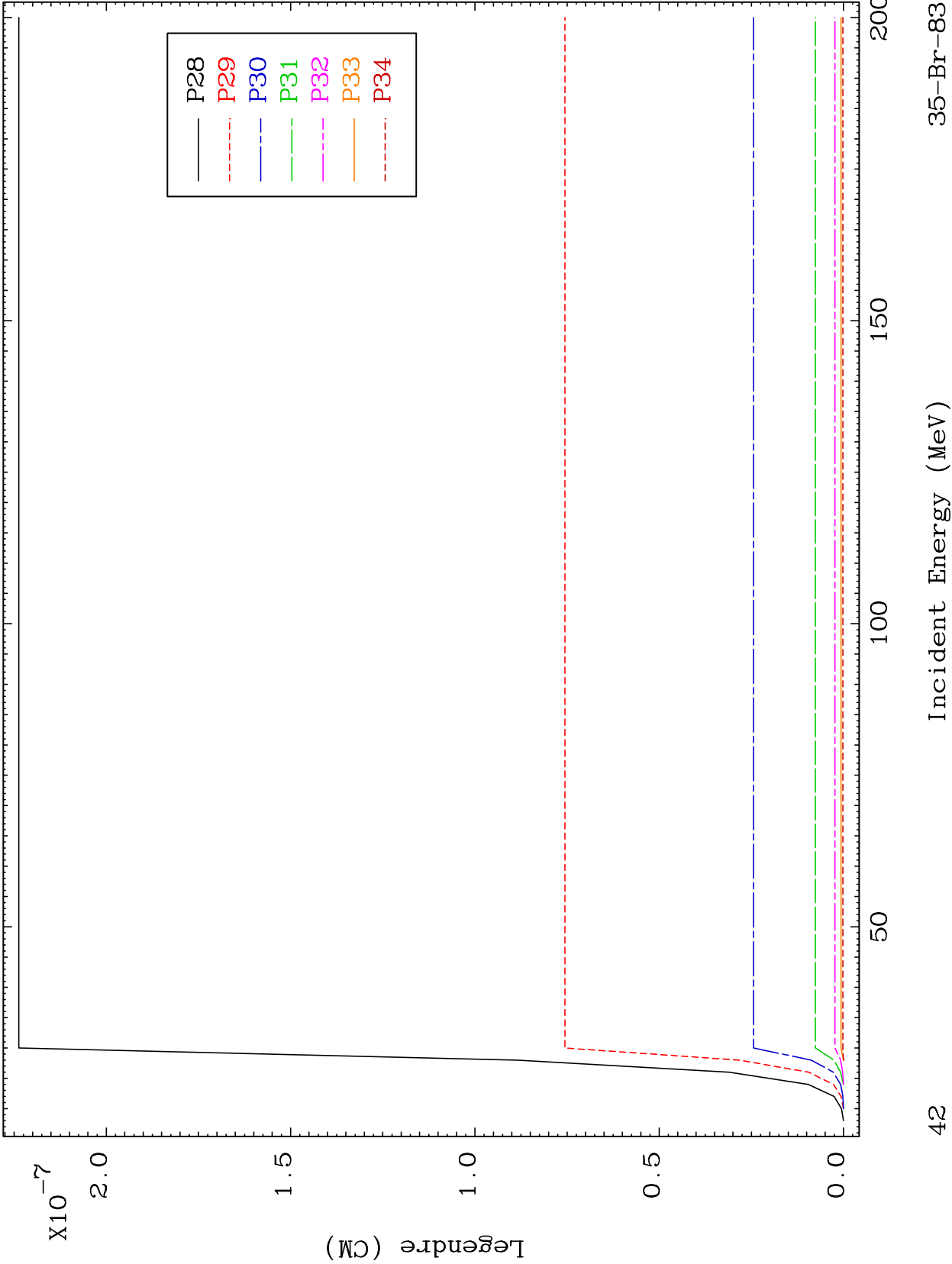
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



42

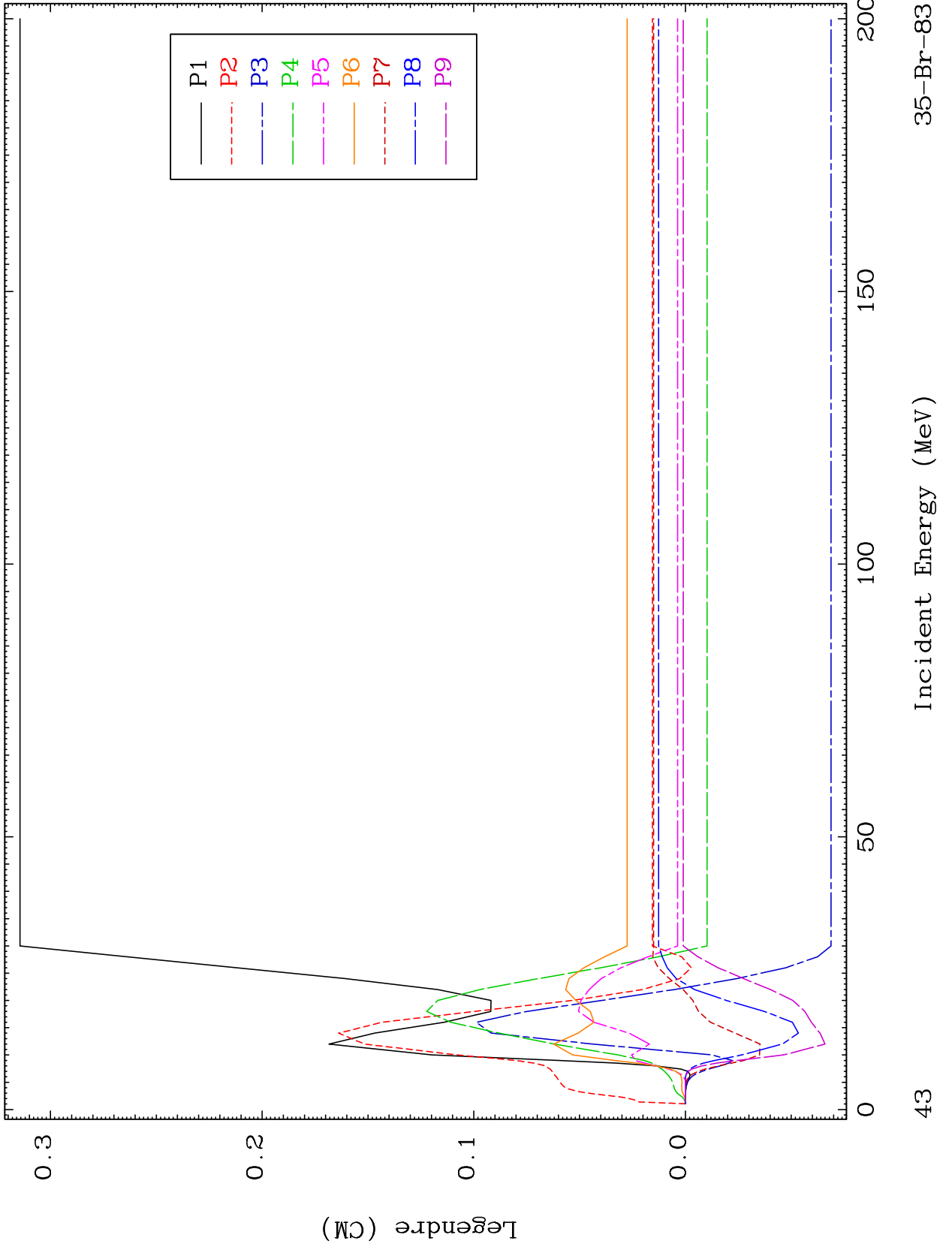
Incident Energy (MeV)

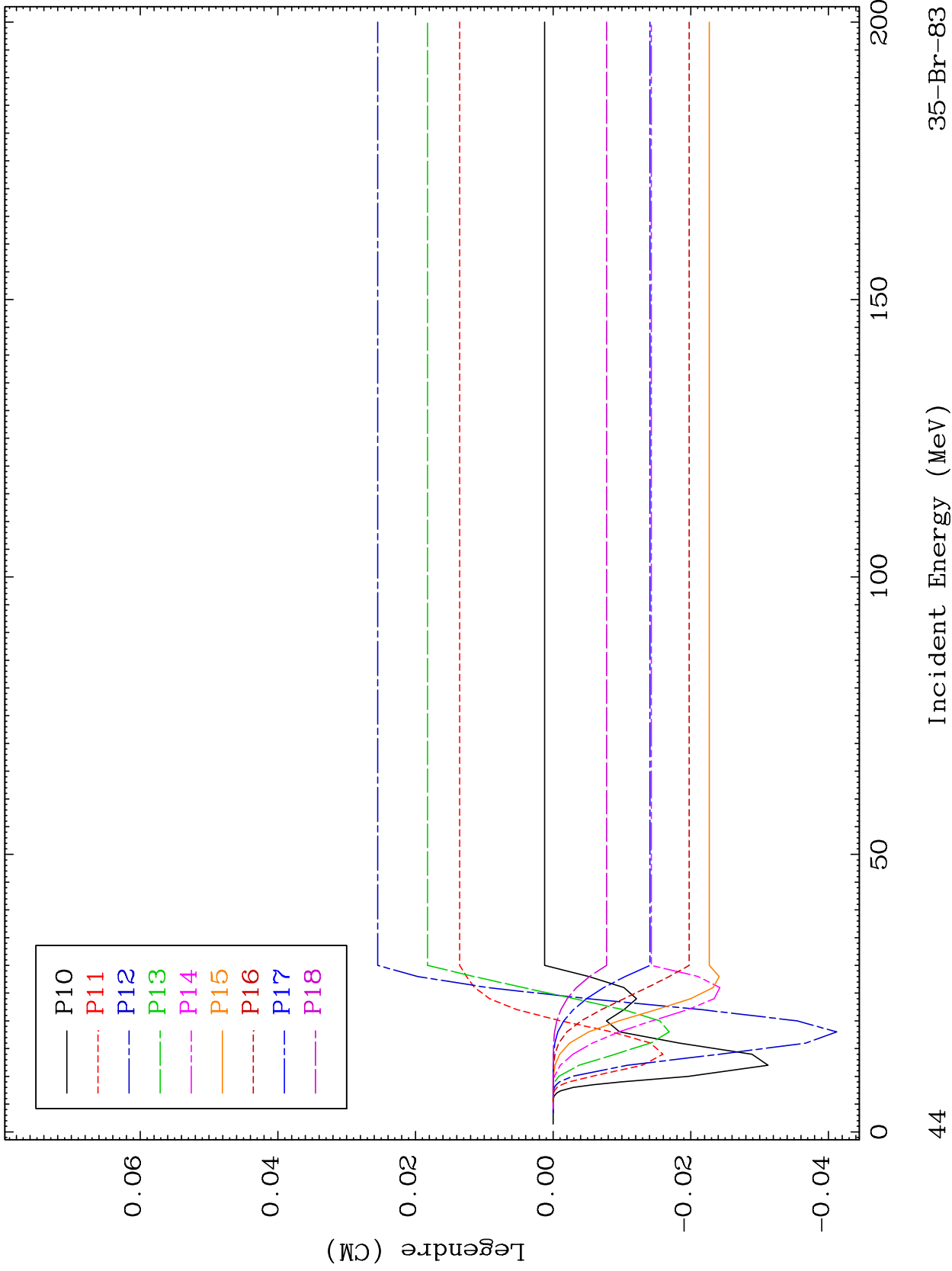
35-Br-83

MAT 3537

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

35-Br-83

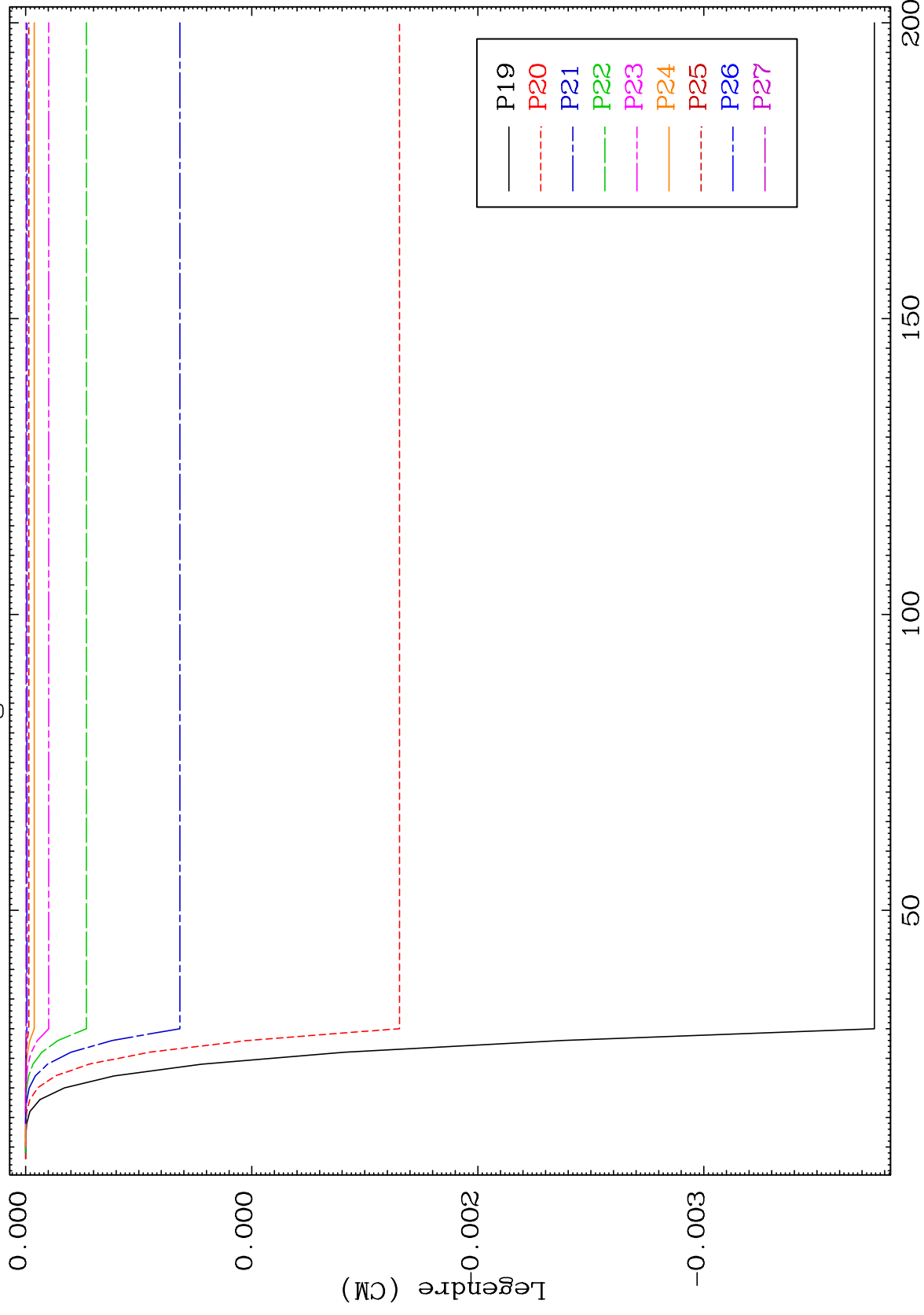




MAT 3537

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

35-Br-83



45

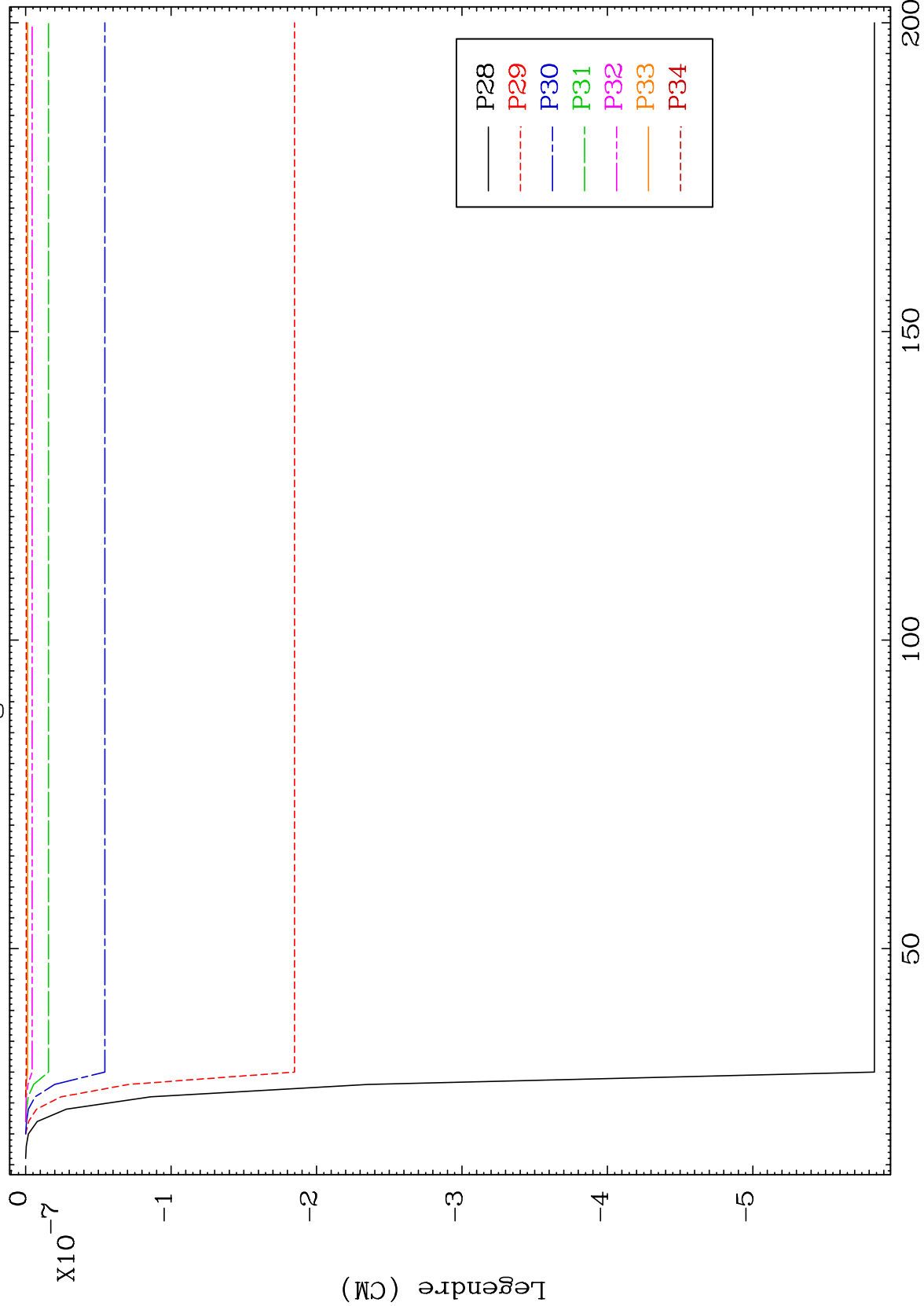
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



46

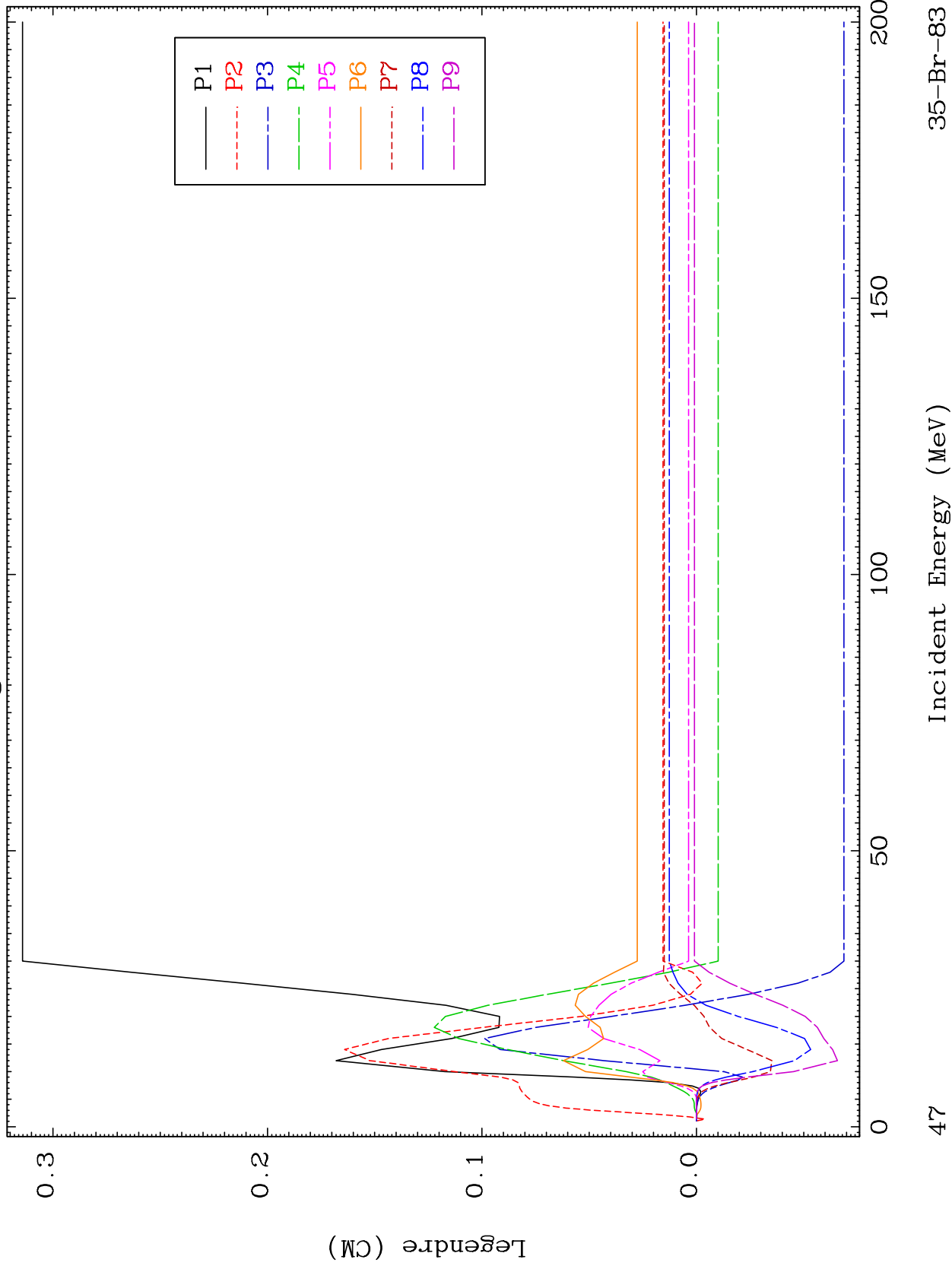
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



47

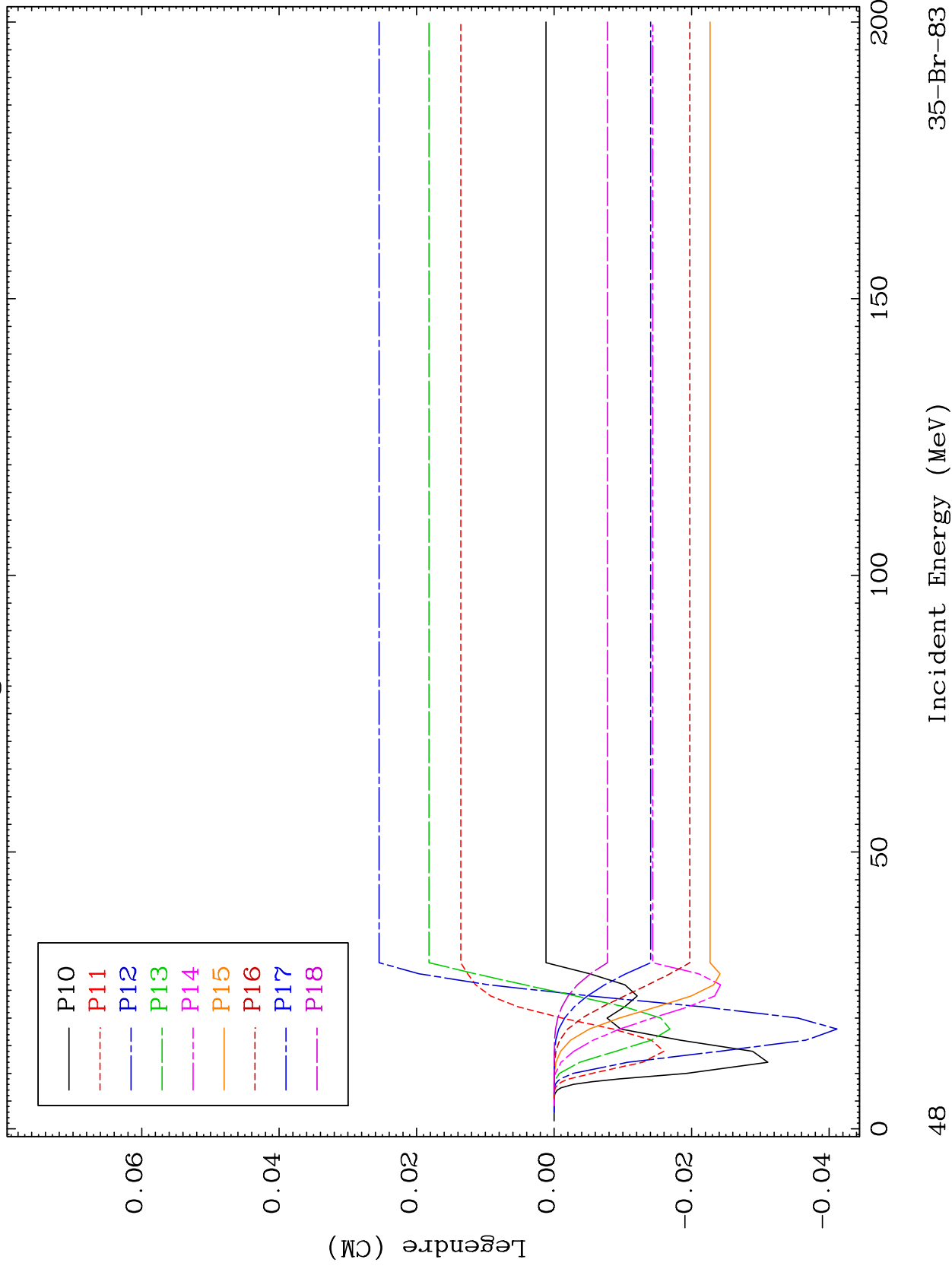
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



35-Br-83

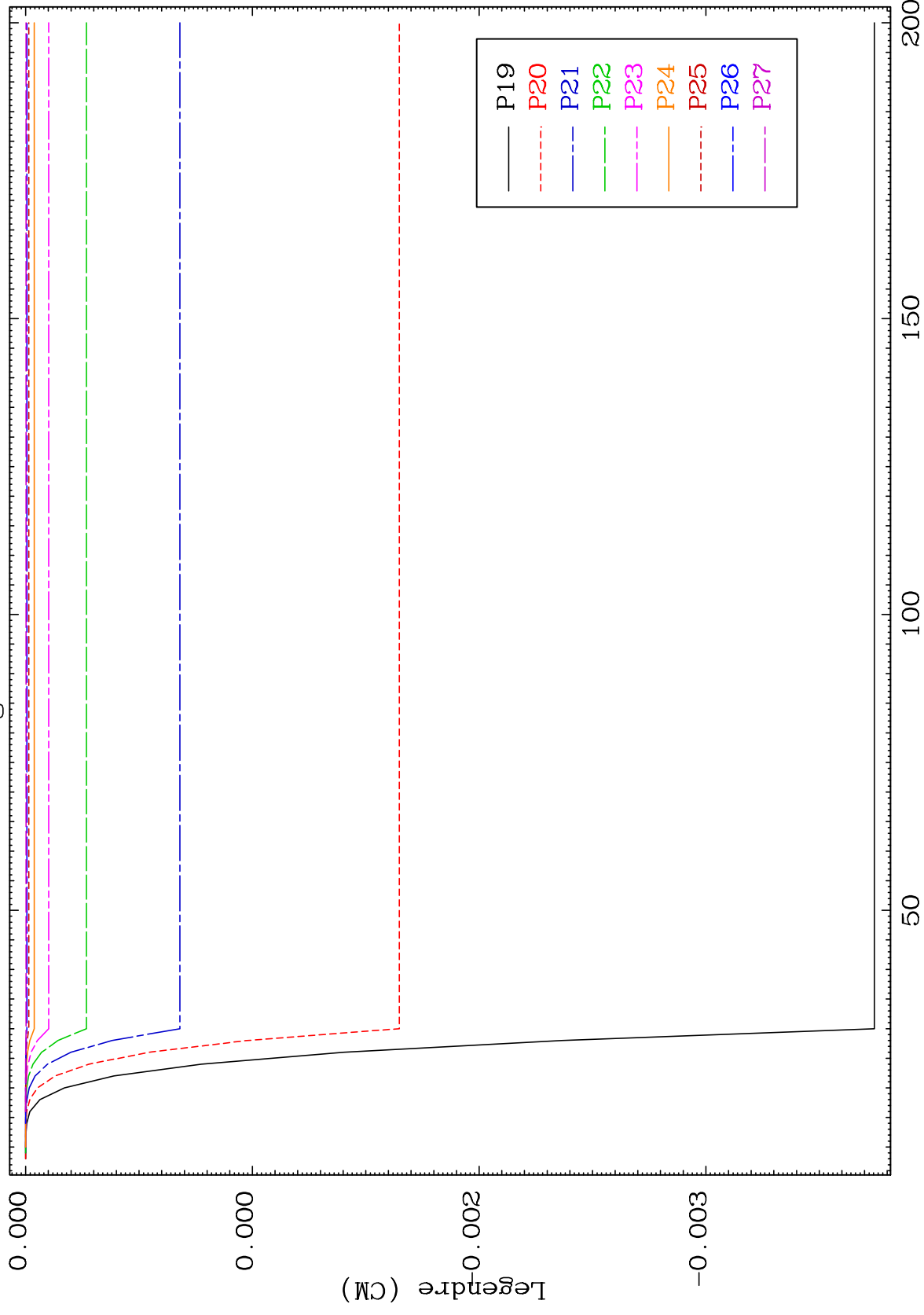
Incident Energy (MeV)

48

MAT 3537

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

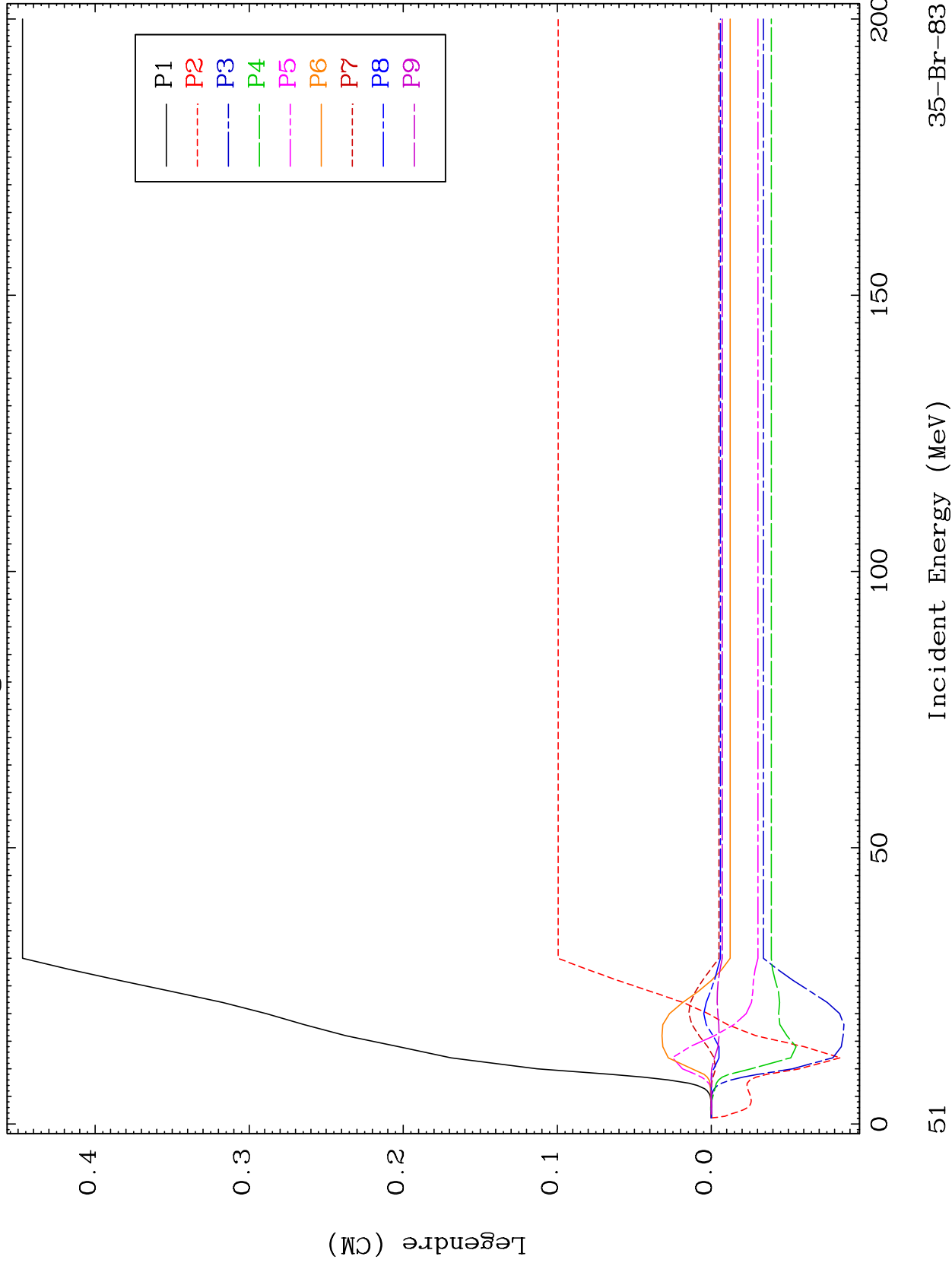
35-Br-83



MAT 3537

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

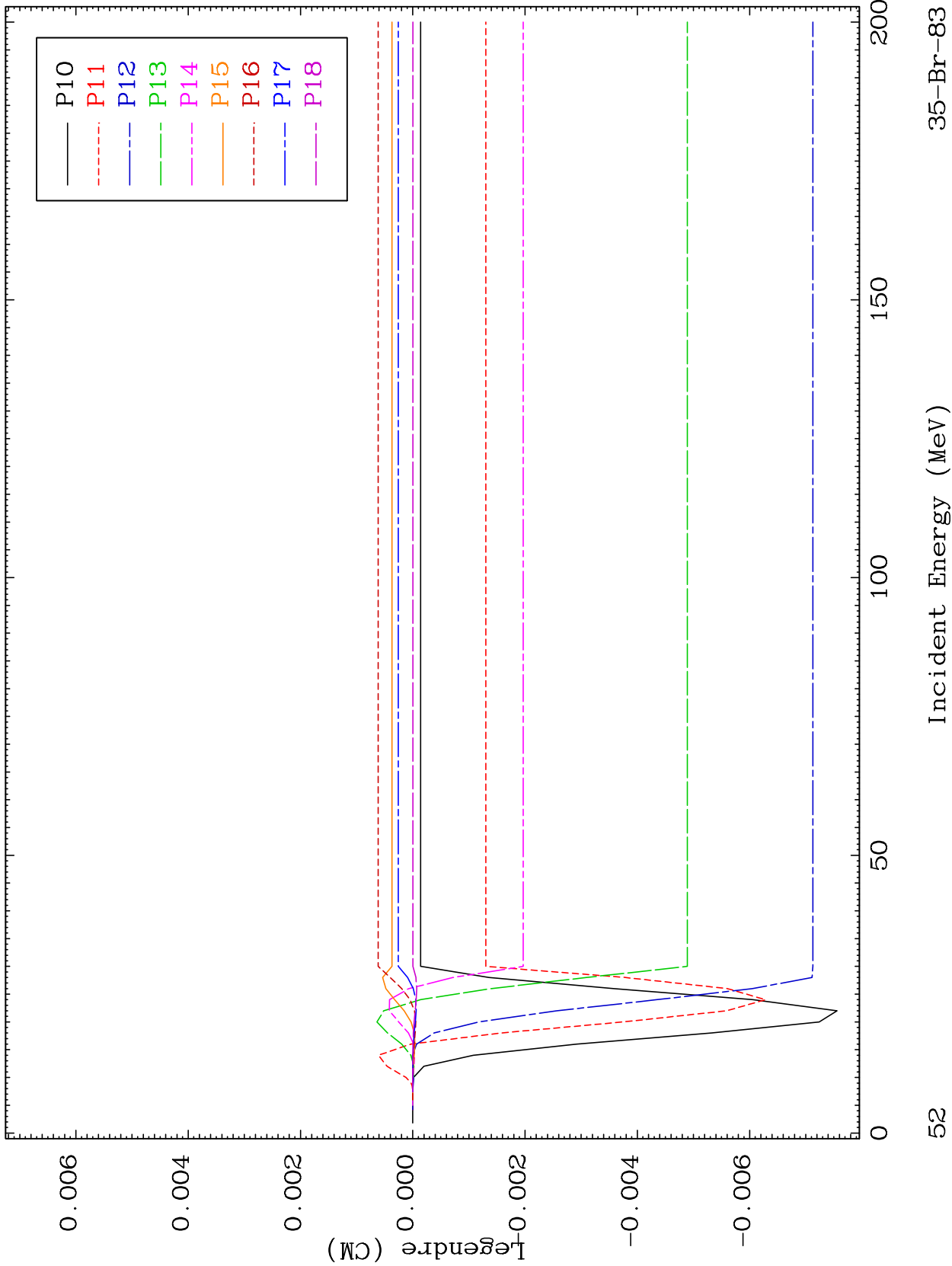
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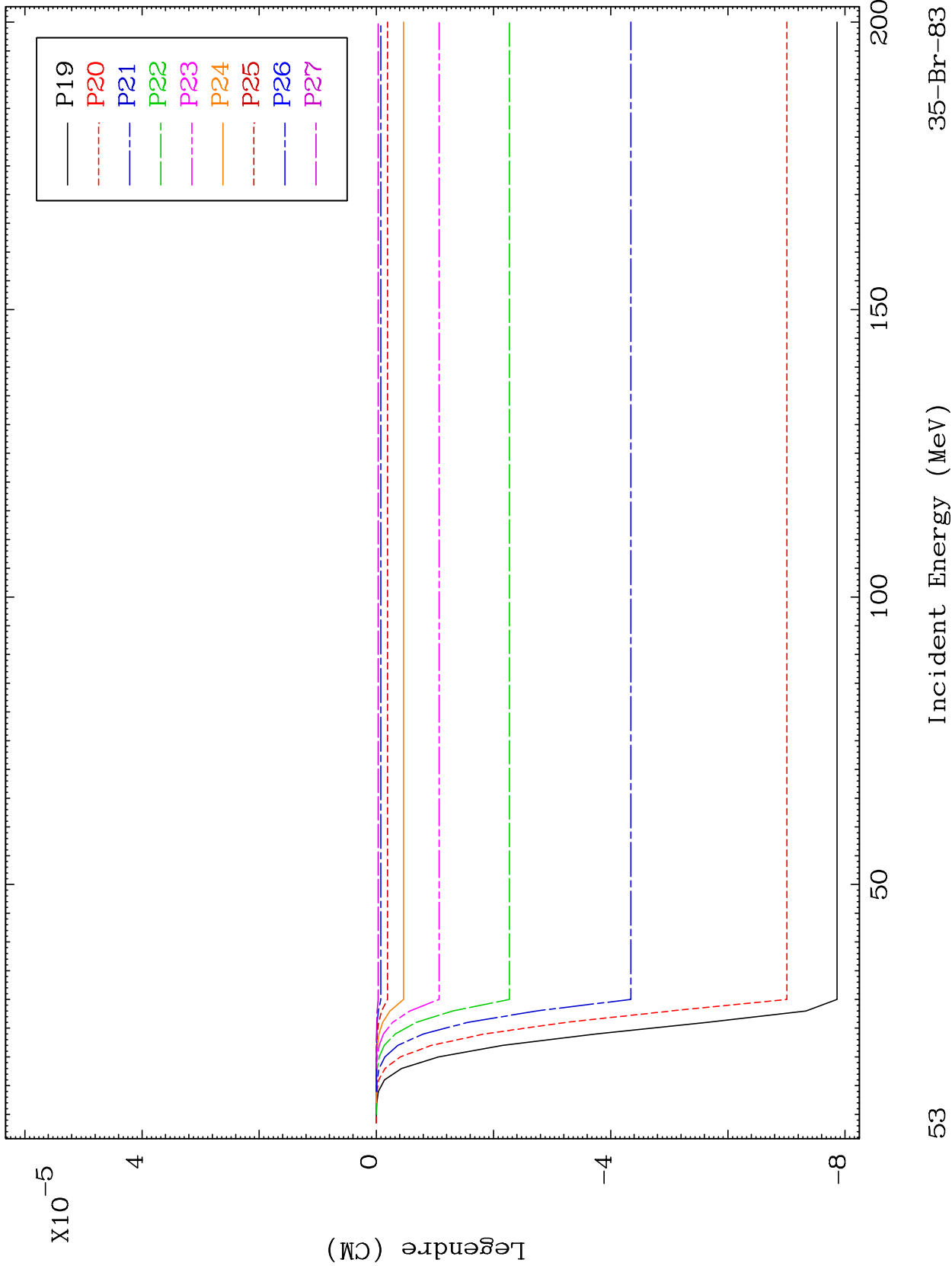


35-Br-83

Incident Energy (MeV)

51

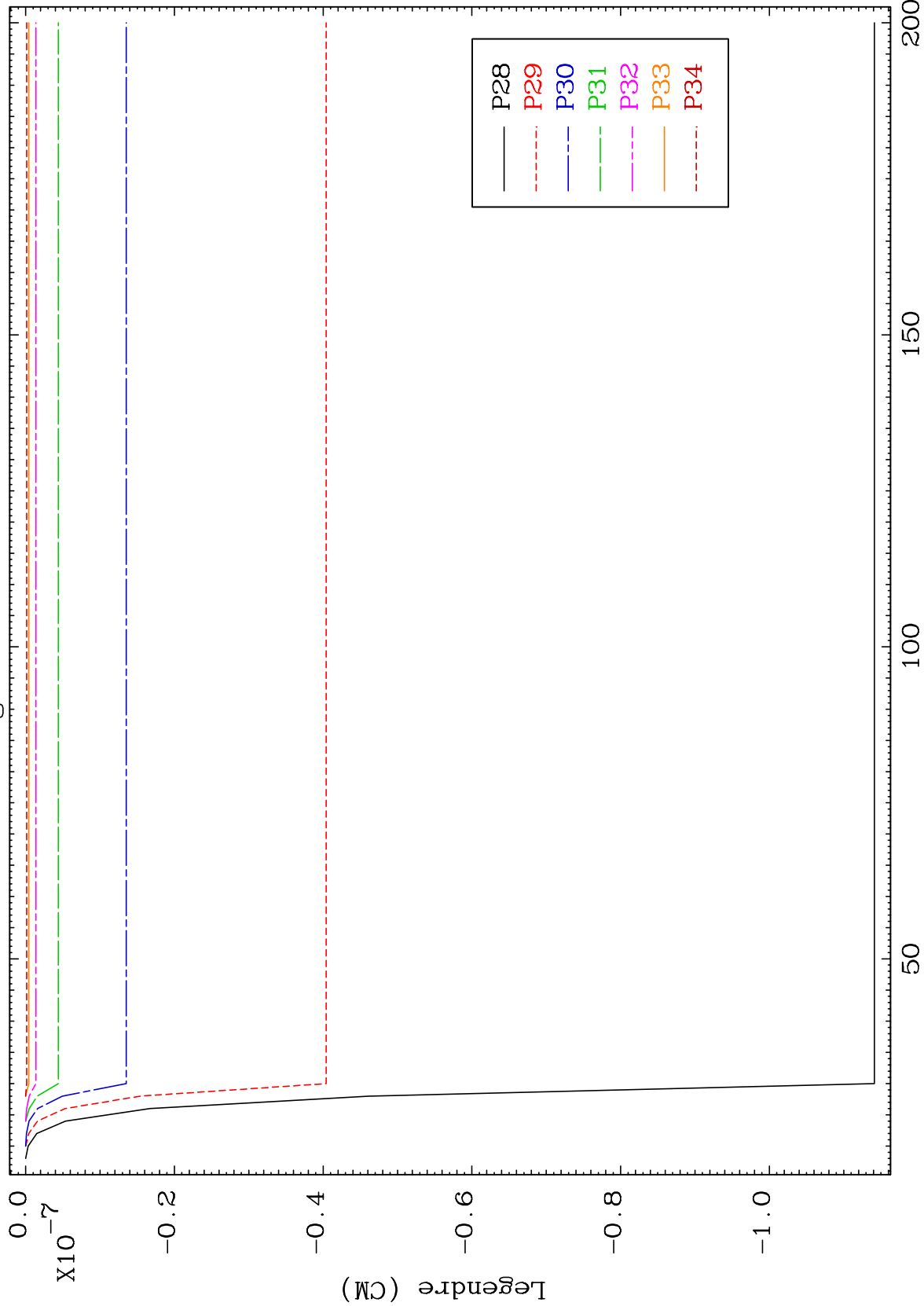




MAT 3537

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

35-Br-83



54

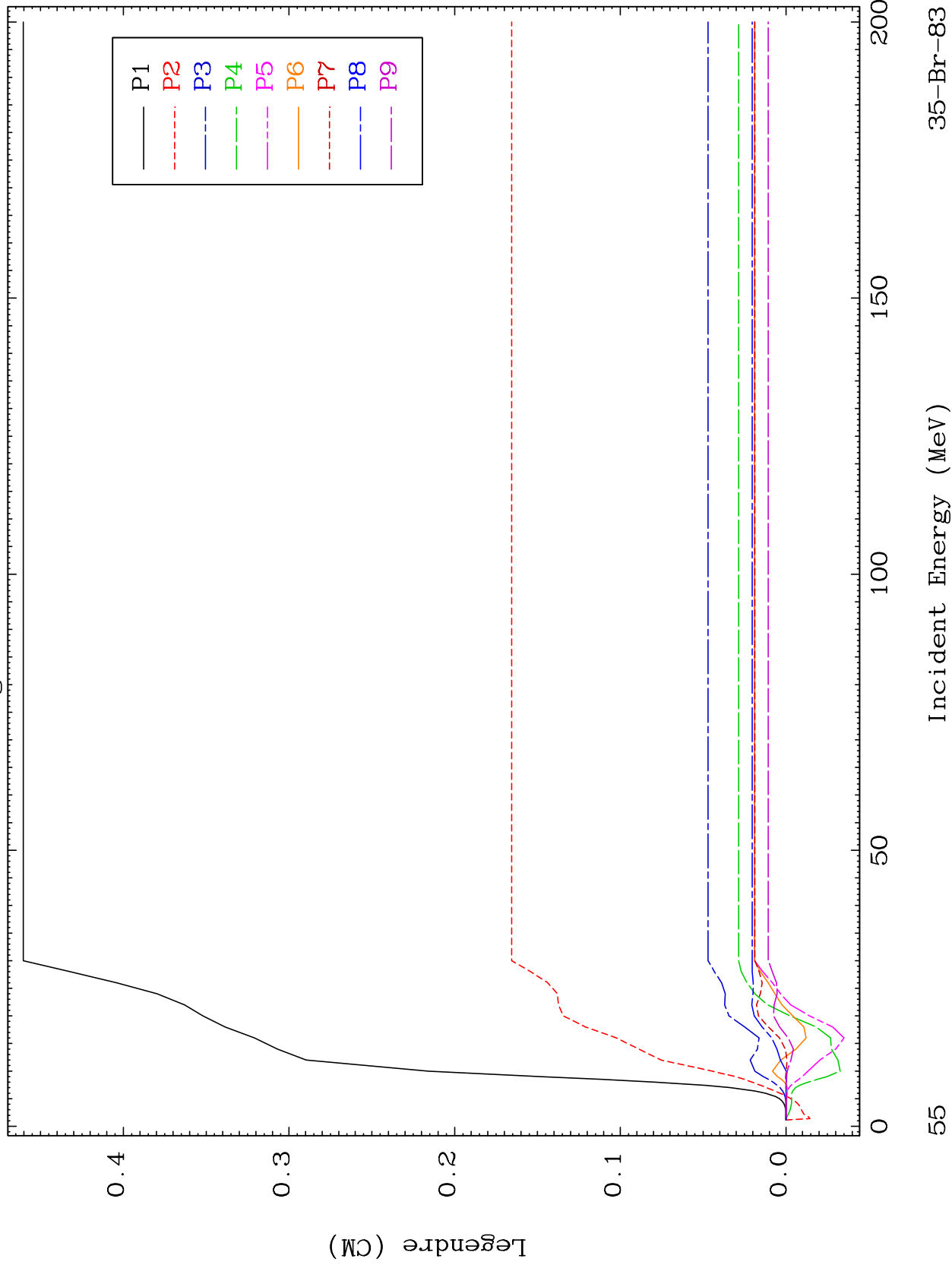
Incident Energy (MeV)

35-Br-83

MAT 3537

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

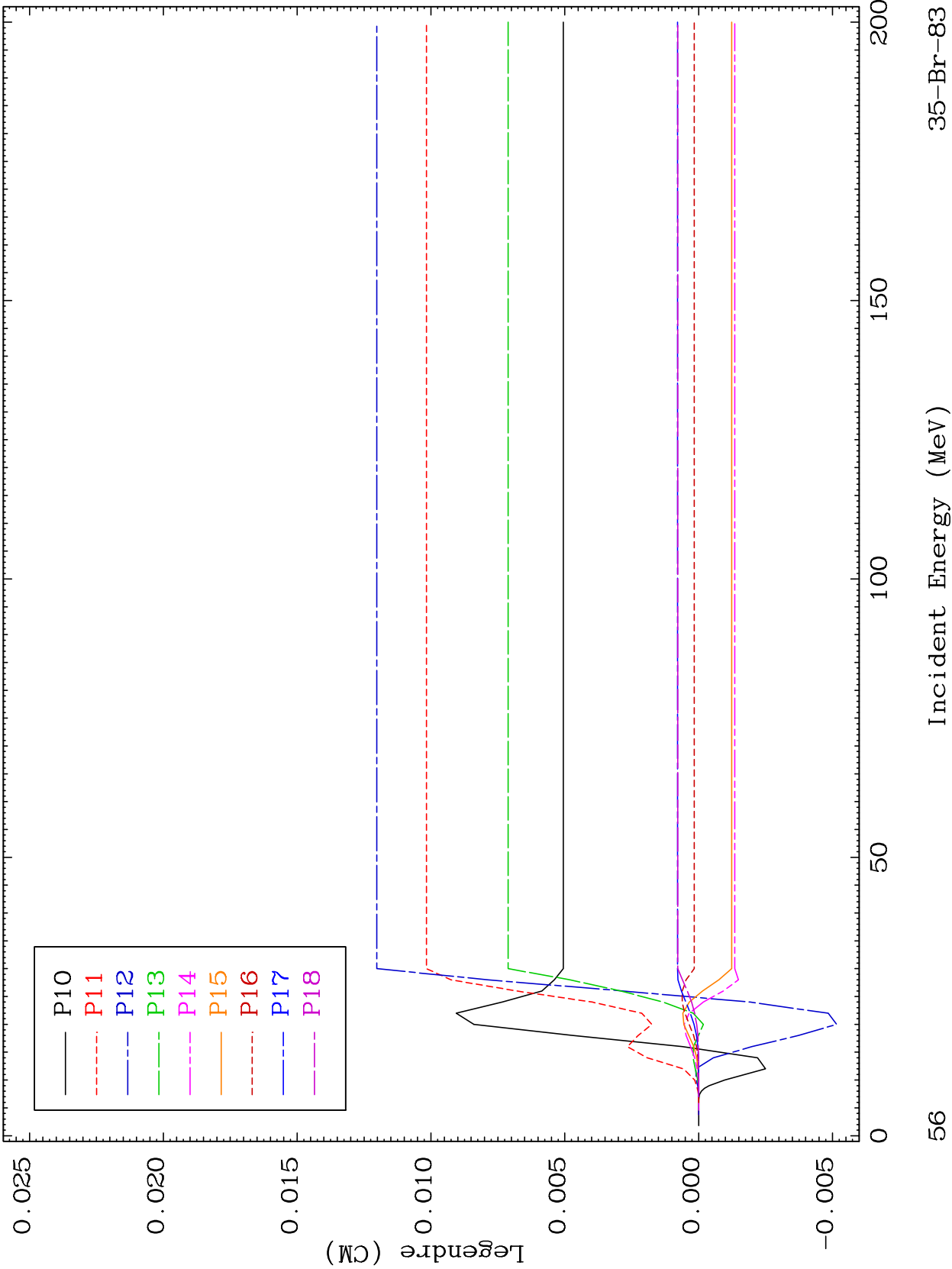
35-Br-83



35-Br-83

Incident Energy (MeV)

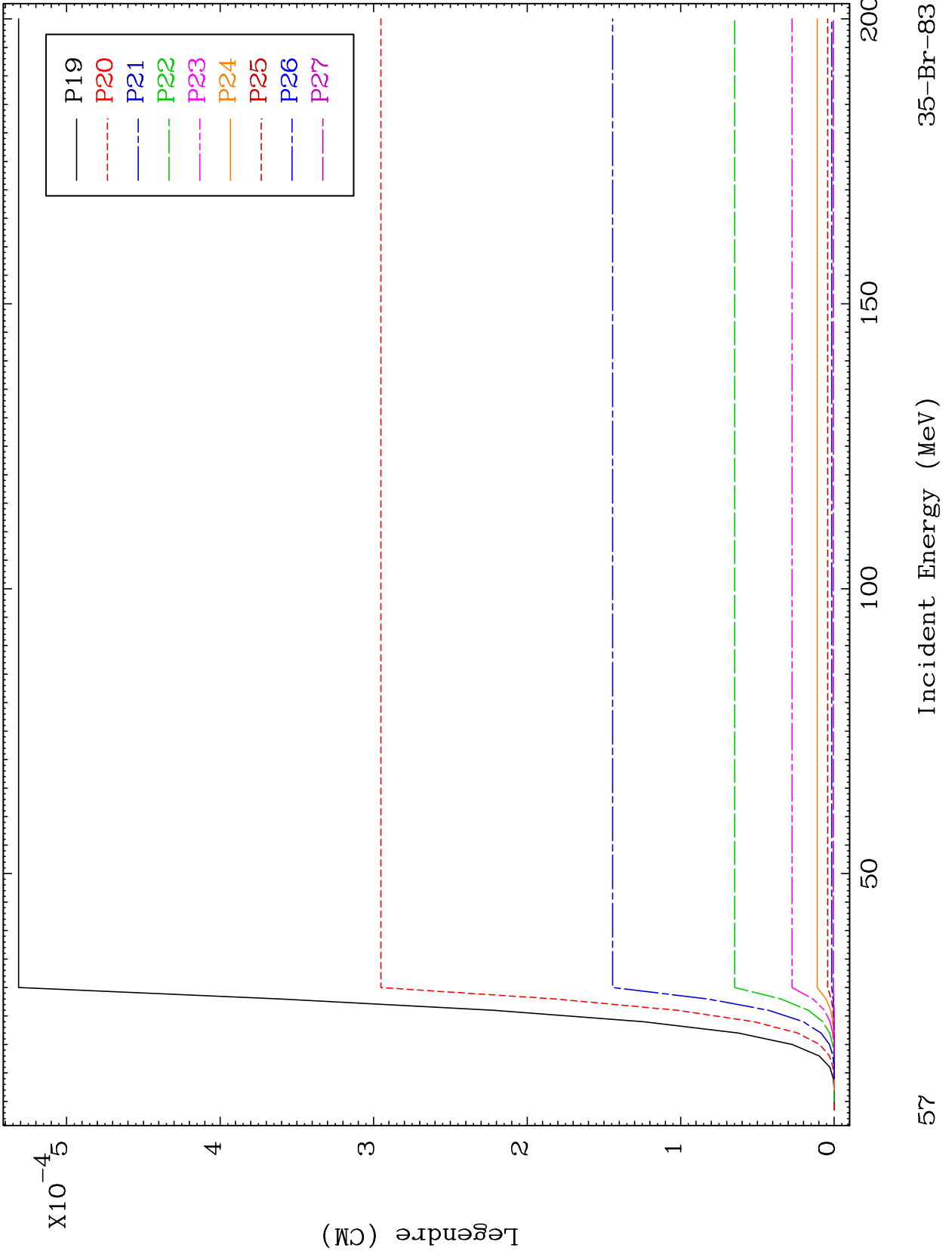
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MAT 3537

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

35-Br-83



57

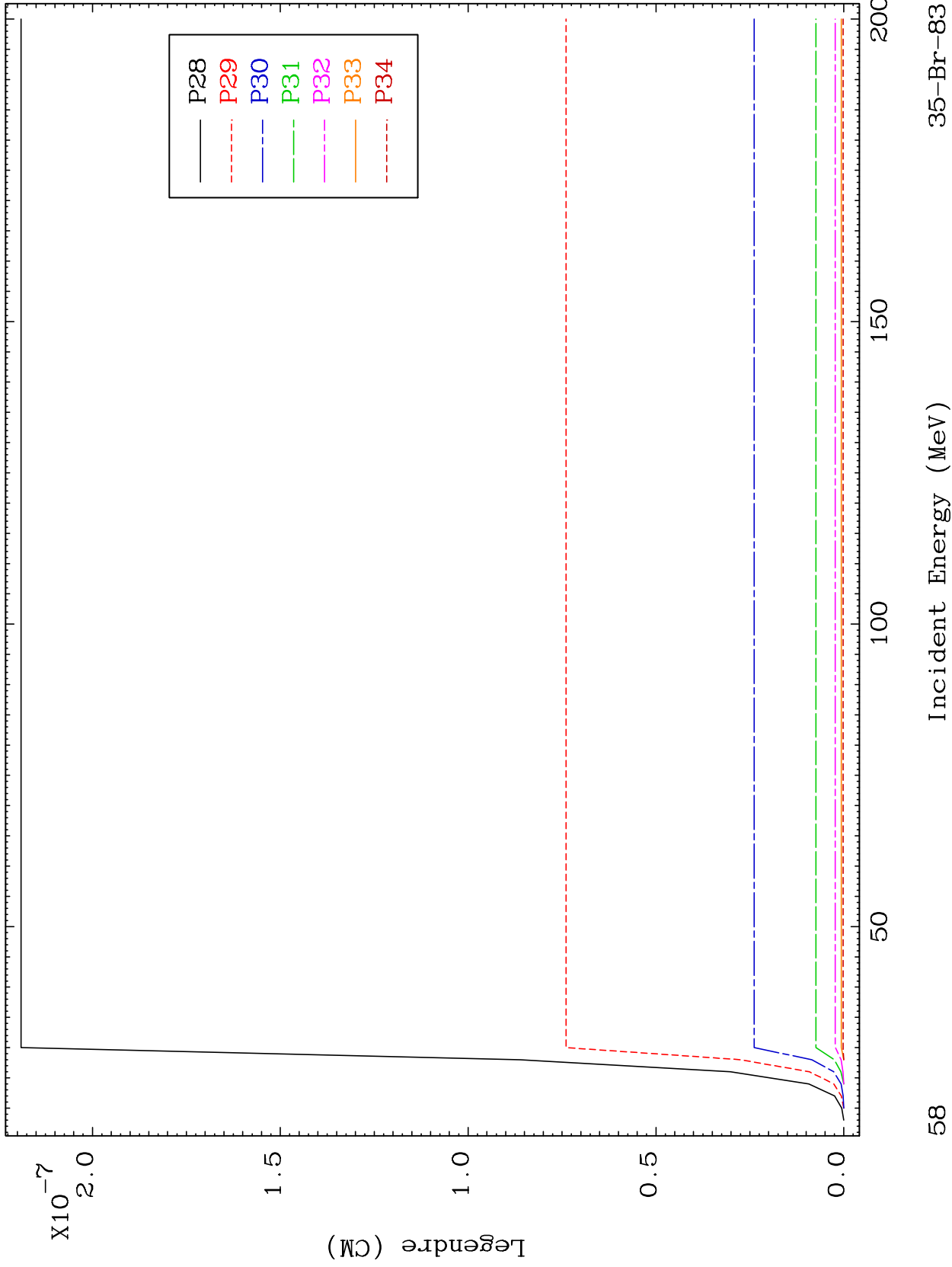
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



58

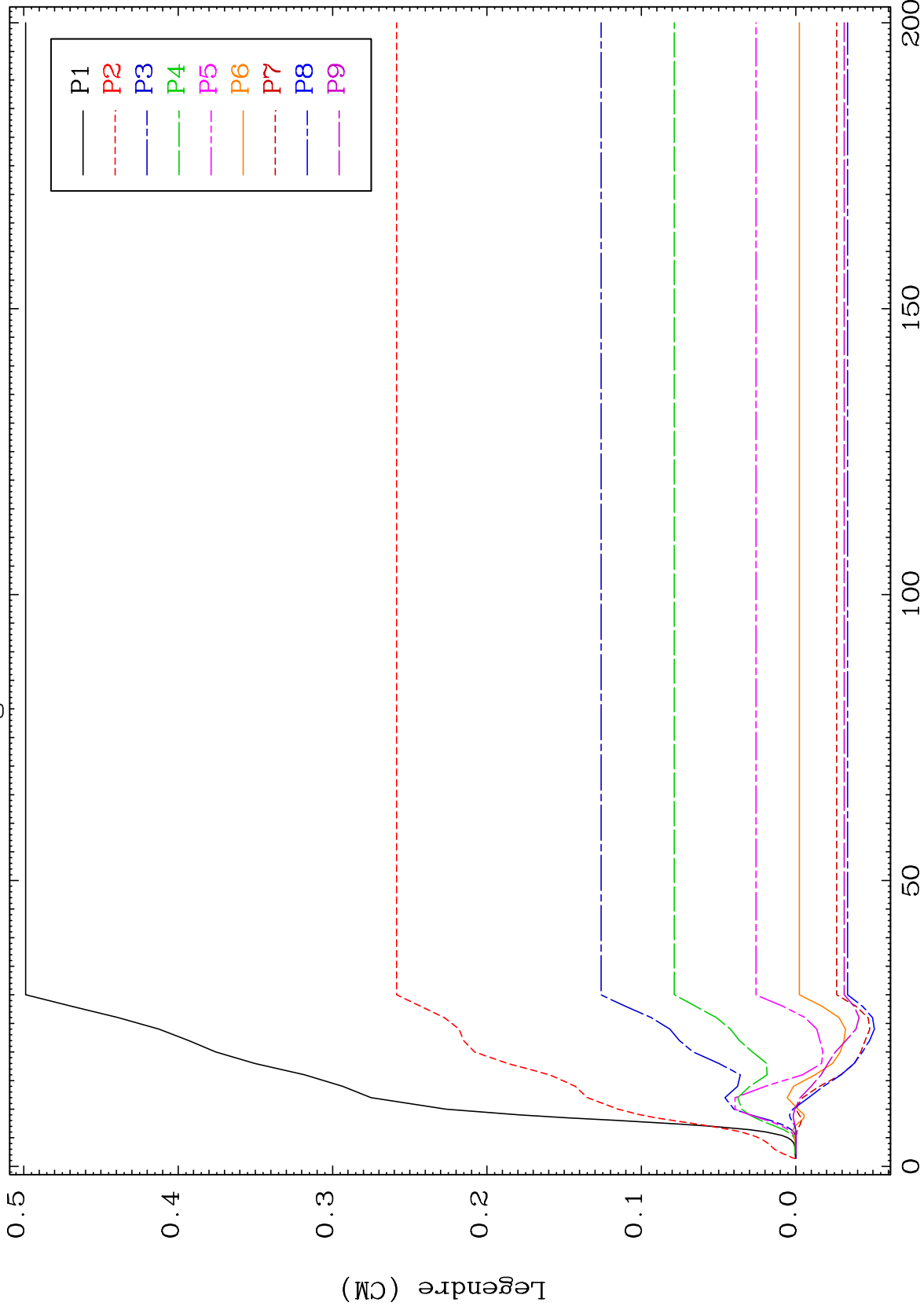
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



59

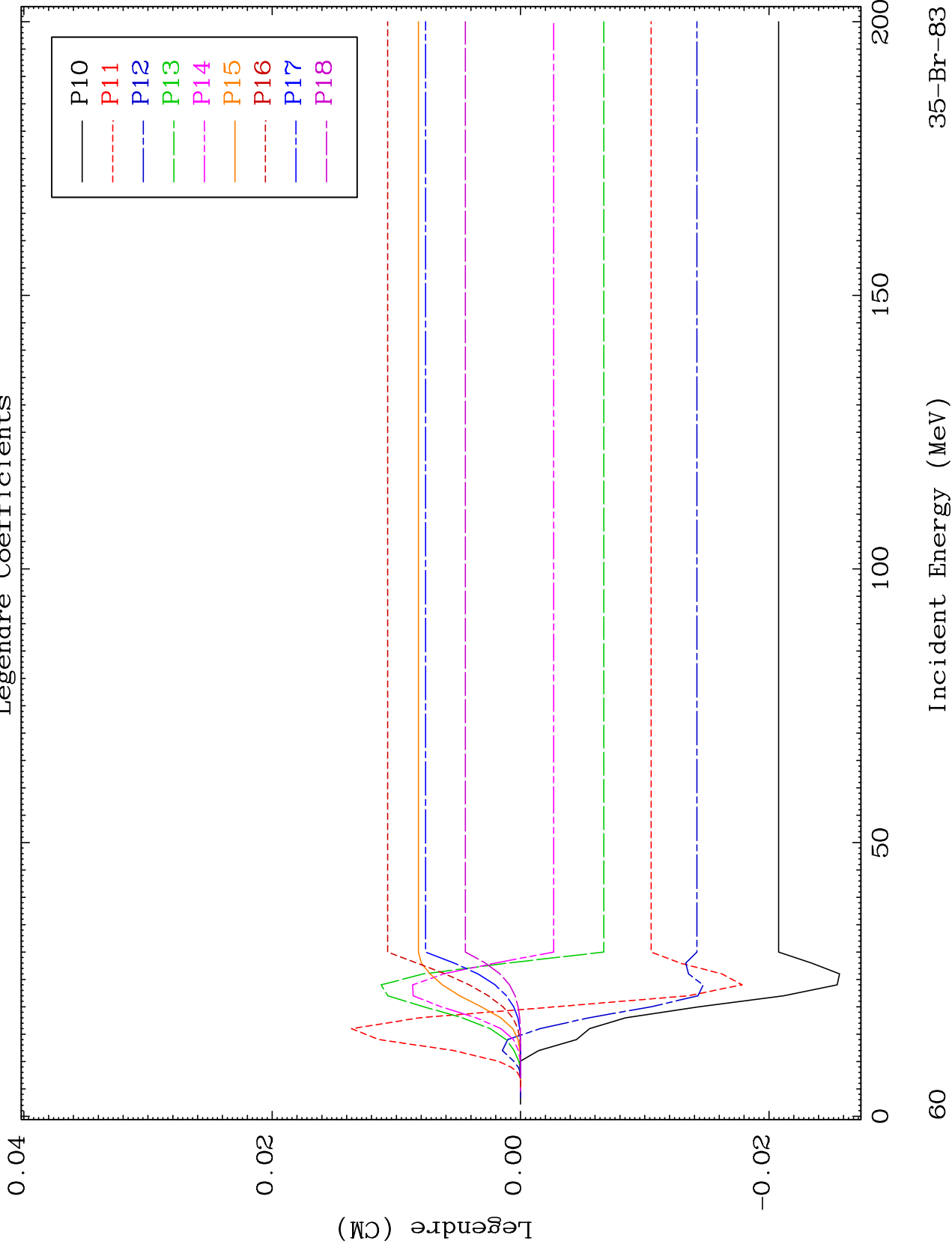
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



35-Br-83

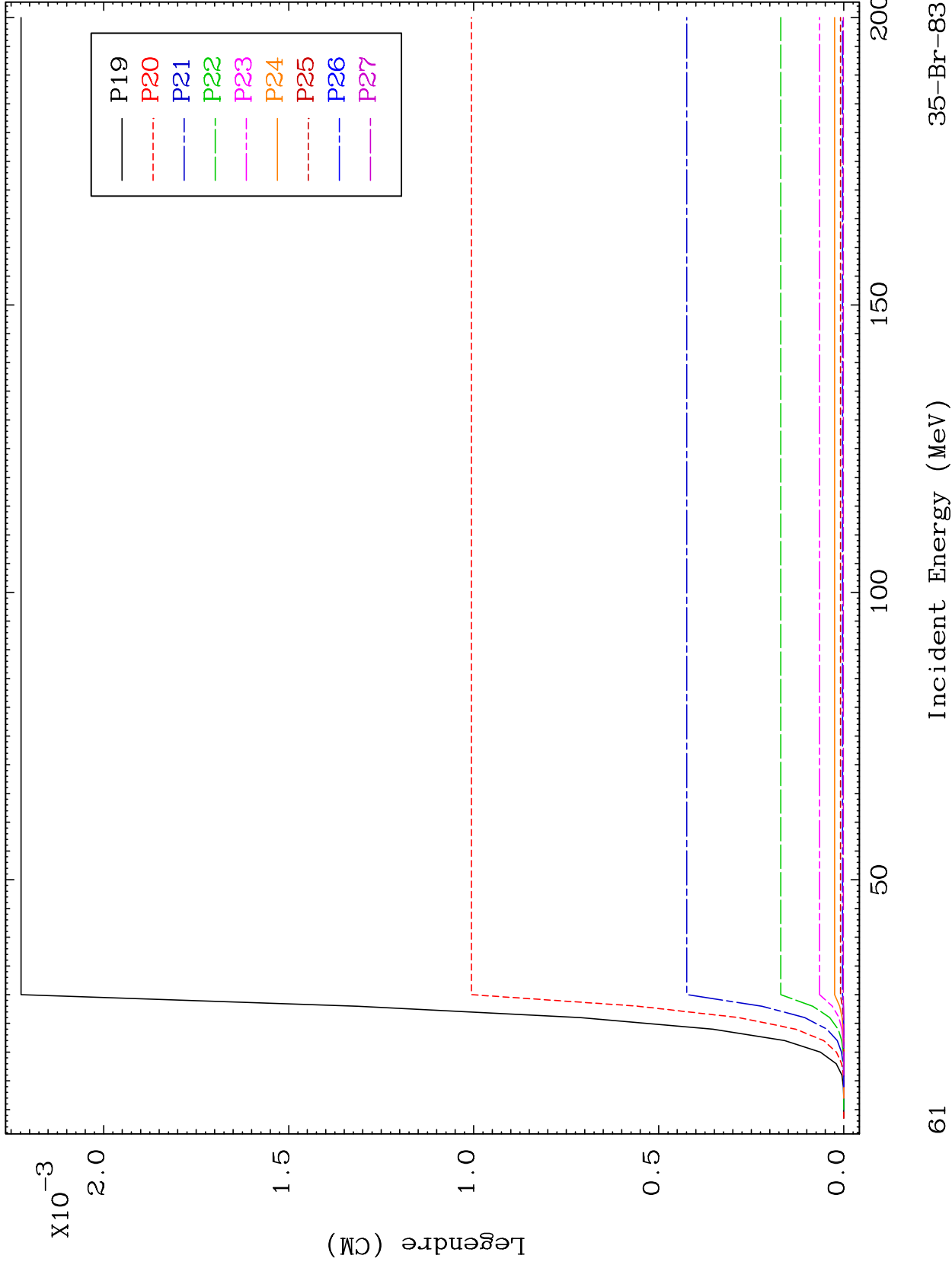
Incident Energy (MeV)

60

MAT 3537

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

35-Br-83



61

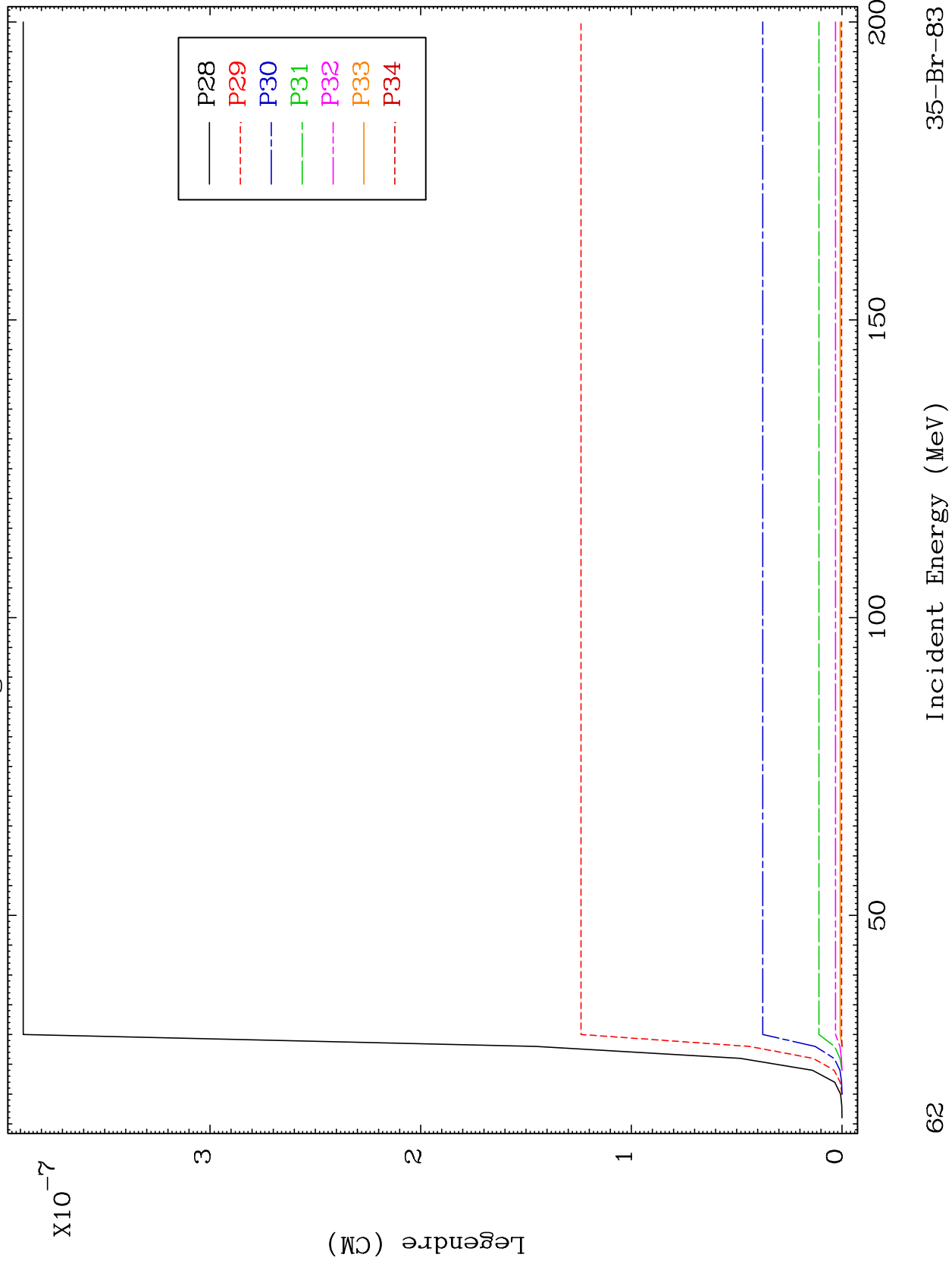
Incident Energy (MeV)

35-Br-83

MAT 3537

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

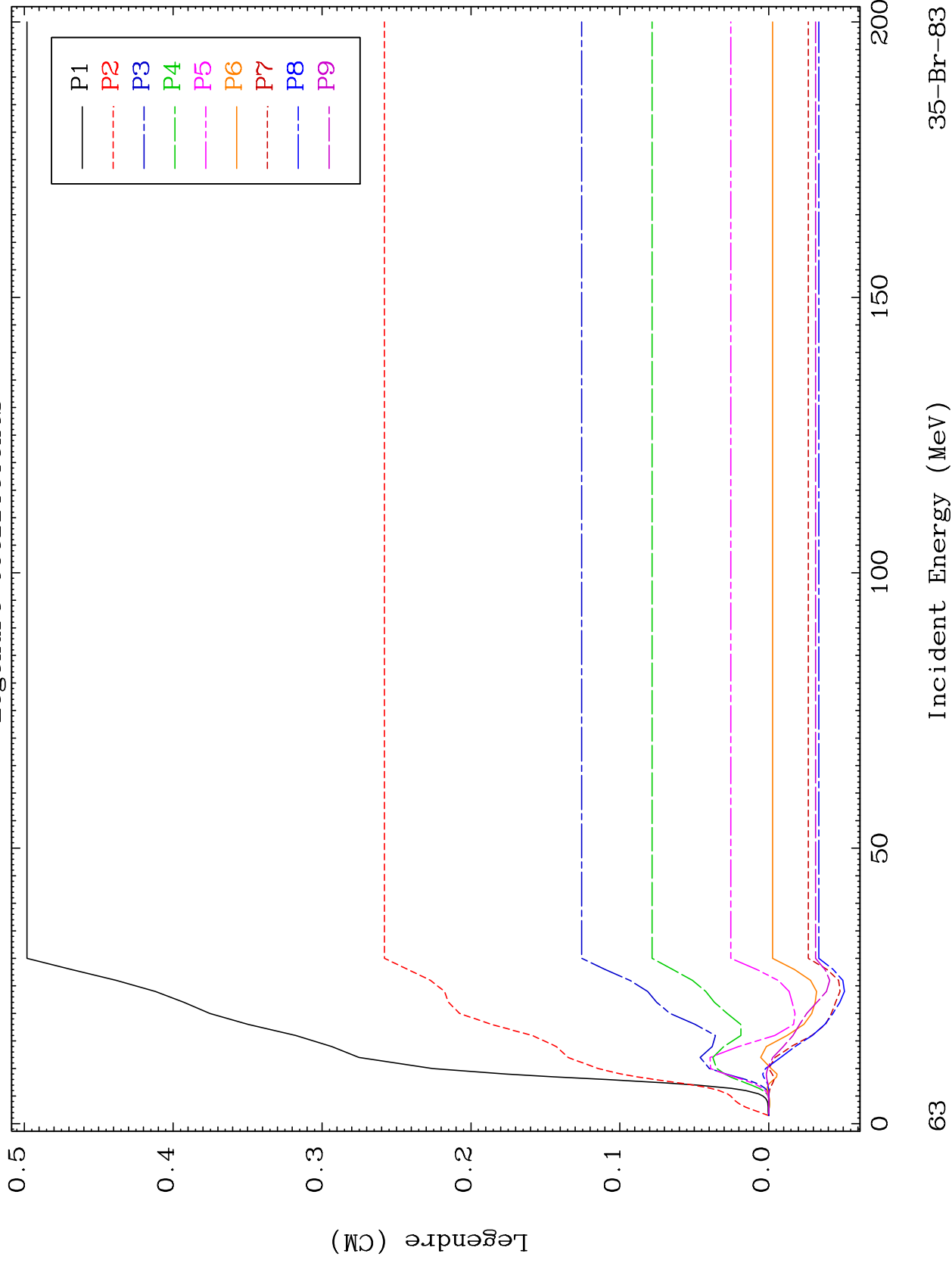
35-Br-83



MAT 3537

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

35-Br-83



63

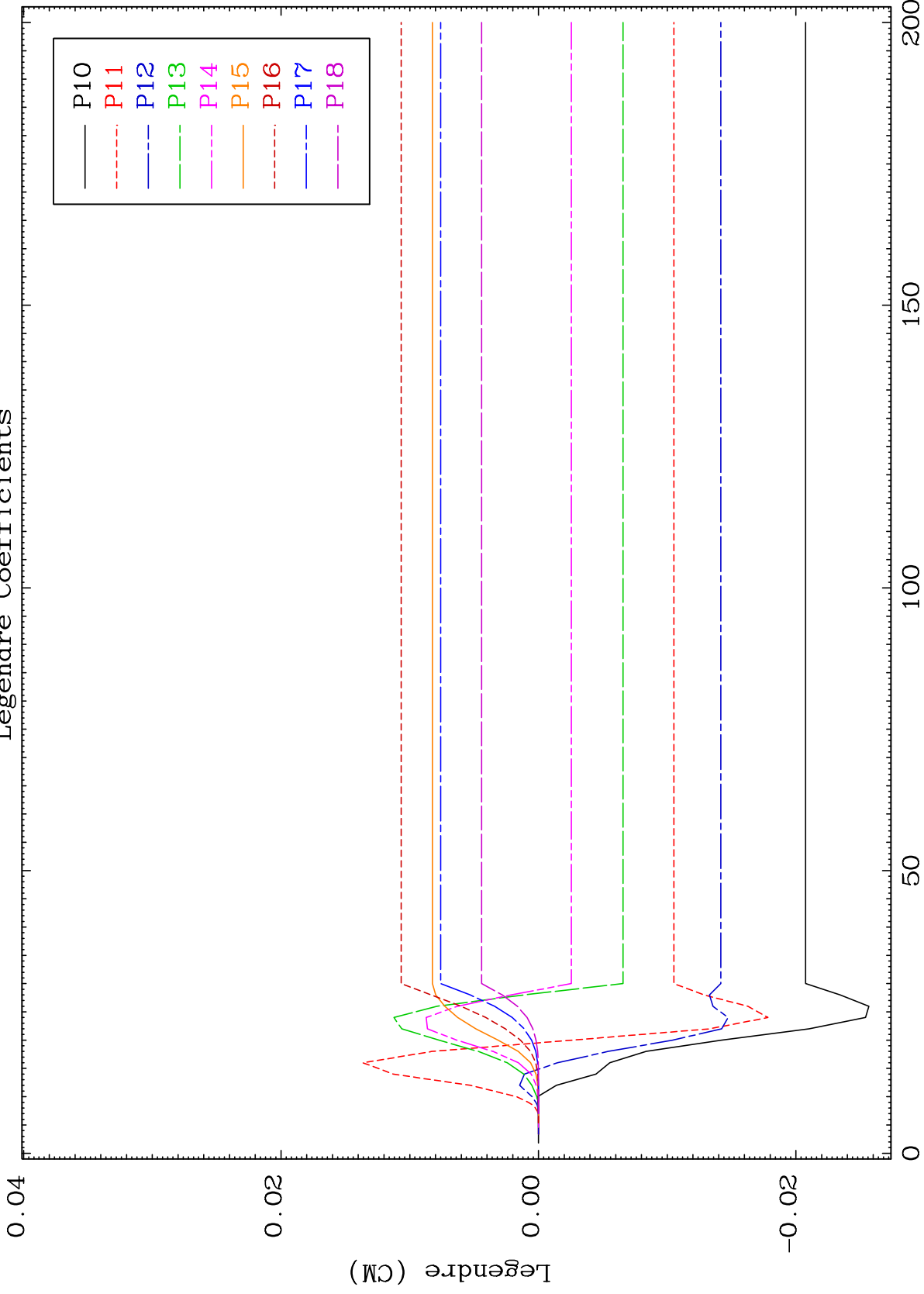
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



35-Br-83

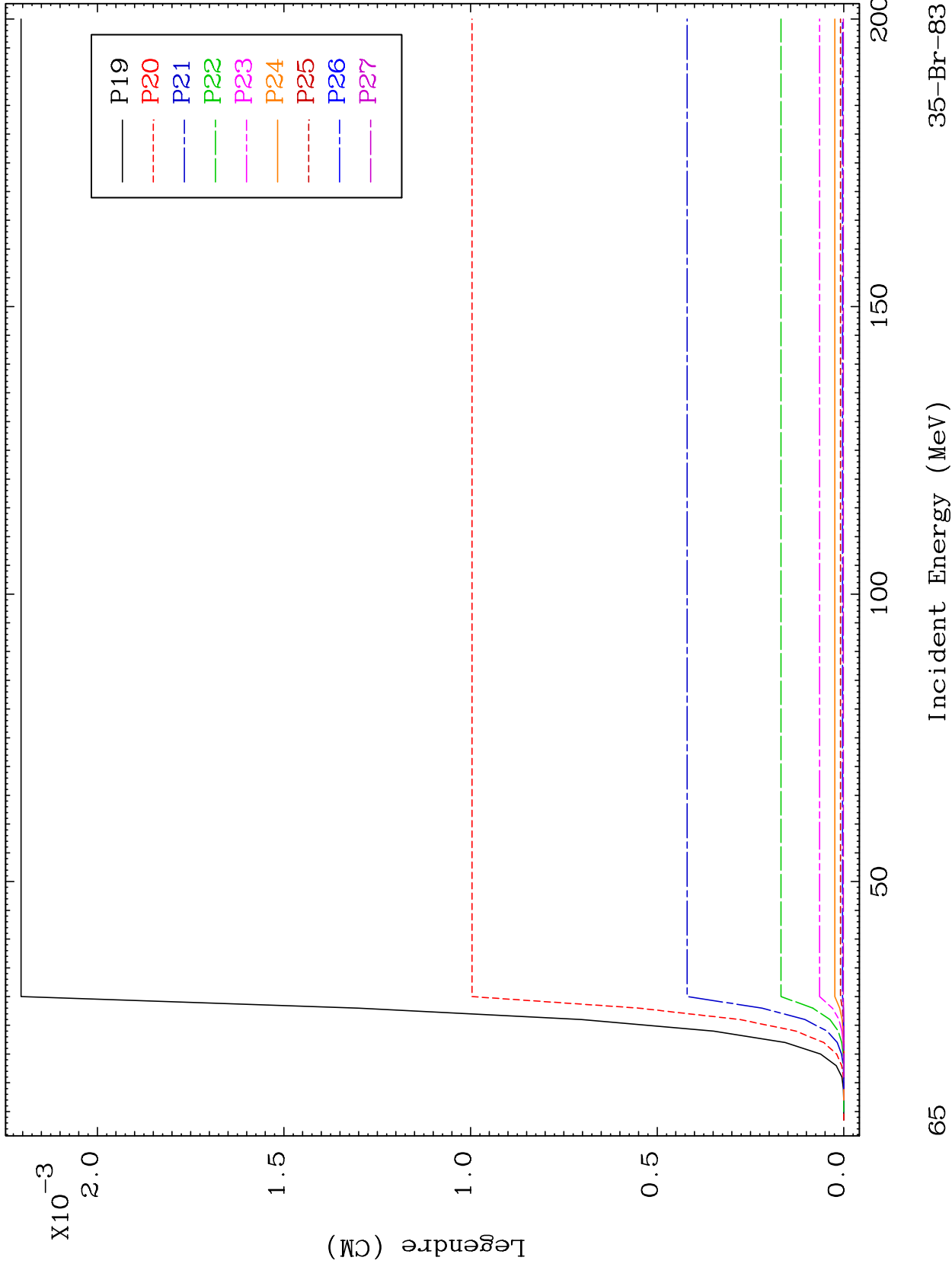
Incident Energy (MeV)

64

MAT 3537

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

35-Br-83



65

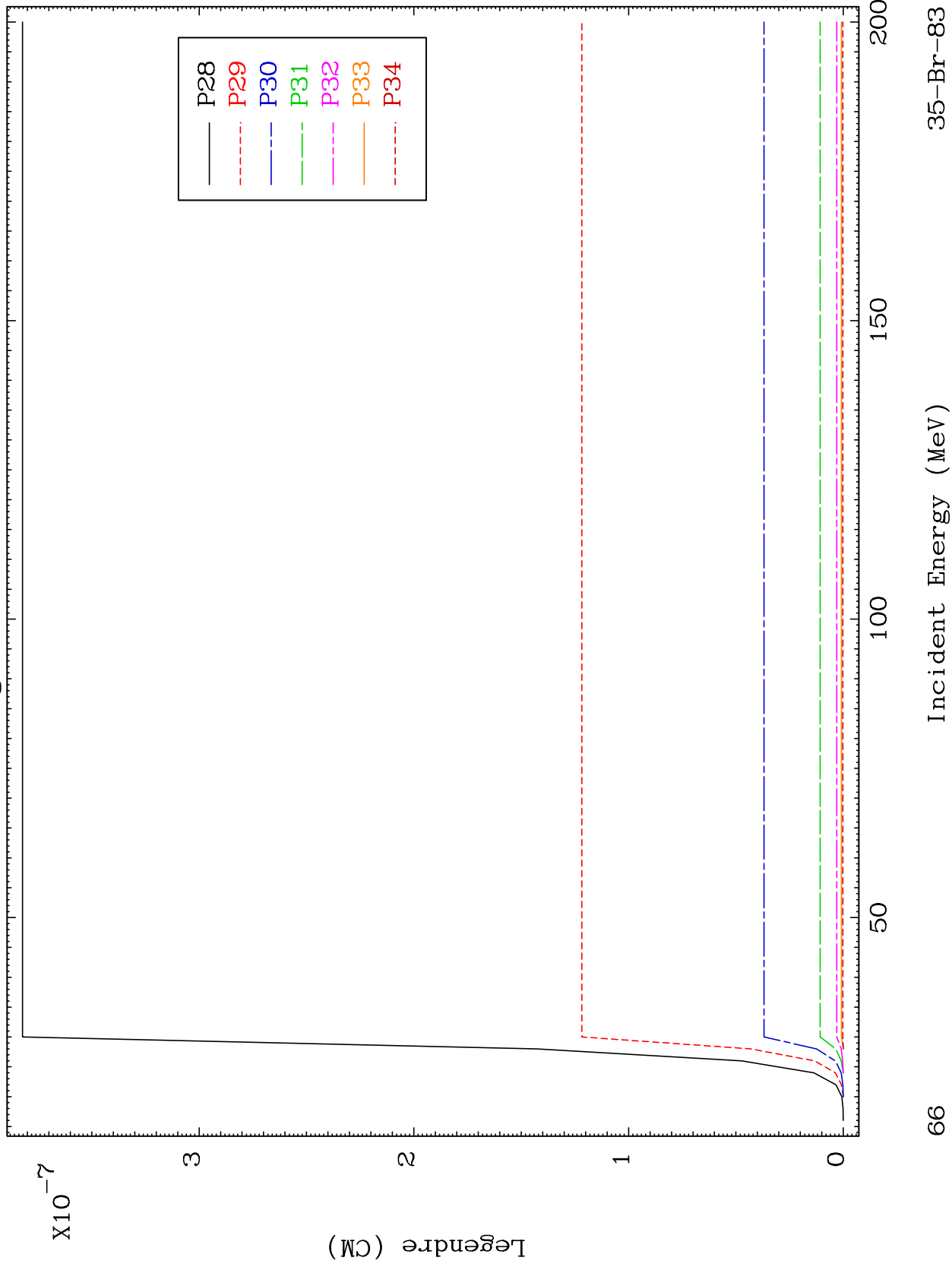
Incident Energy (MeV)

35-Br-83

MAT 3537

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

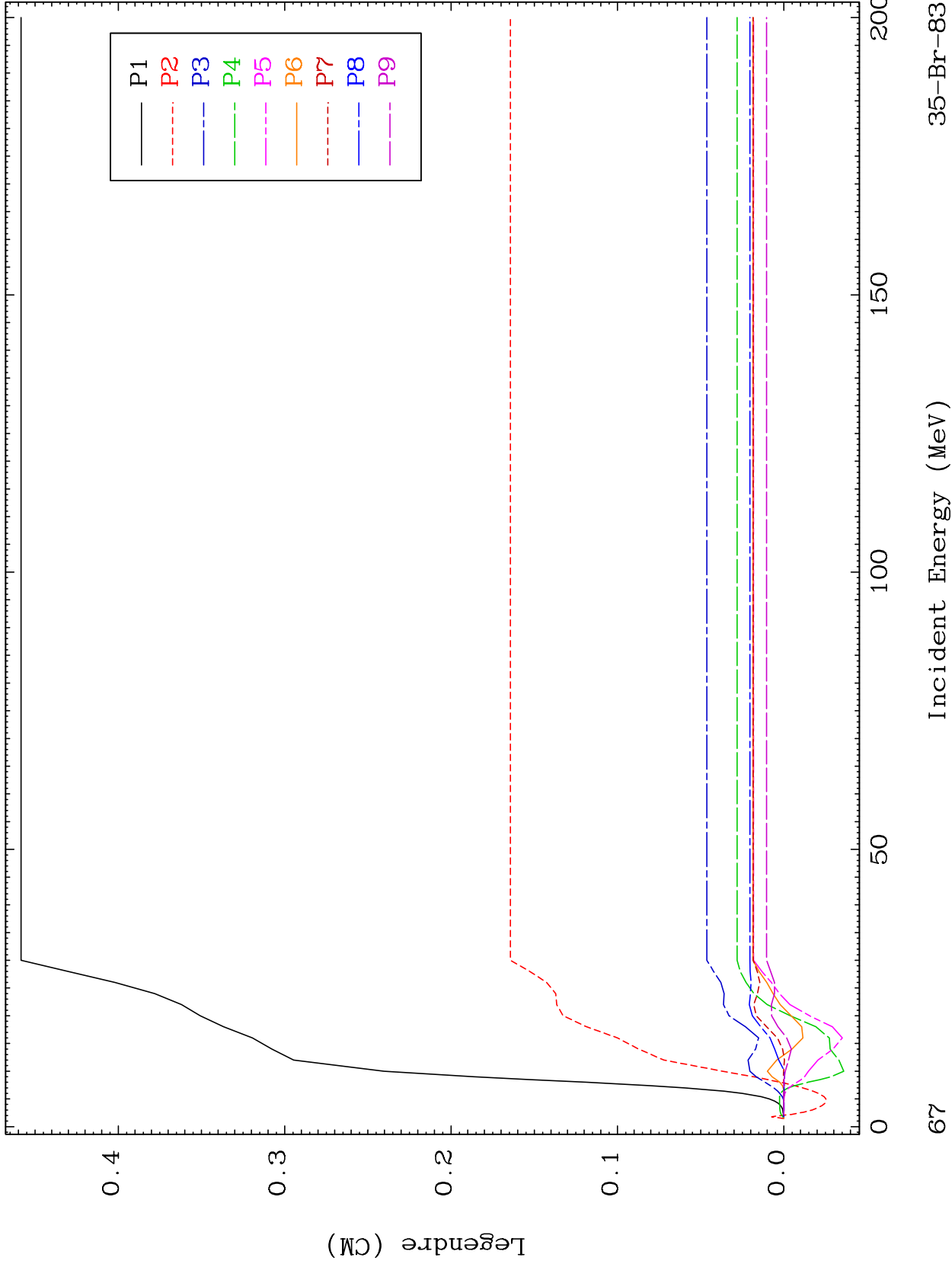
35-Br-83



MAT 3537

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

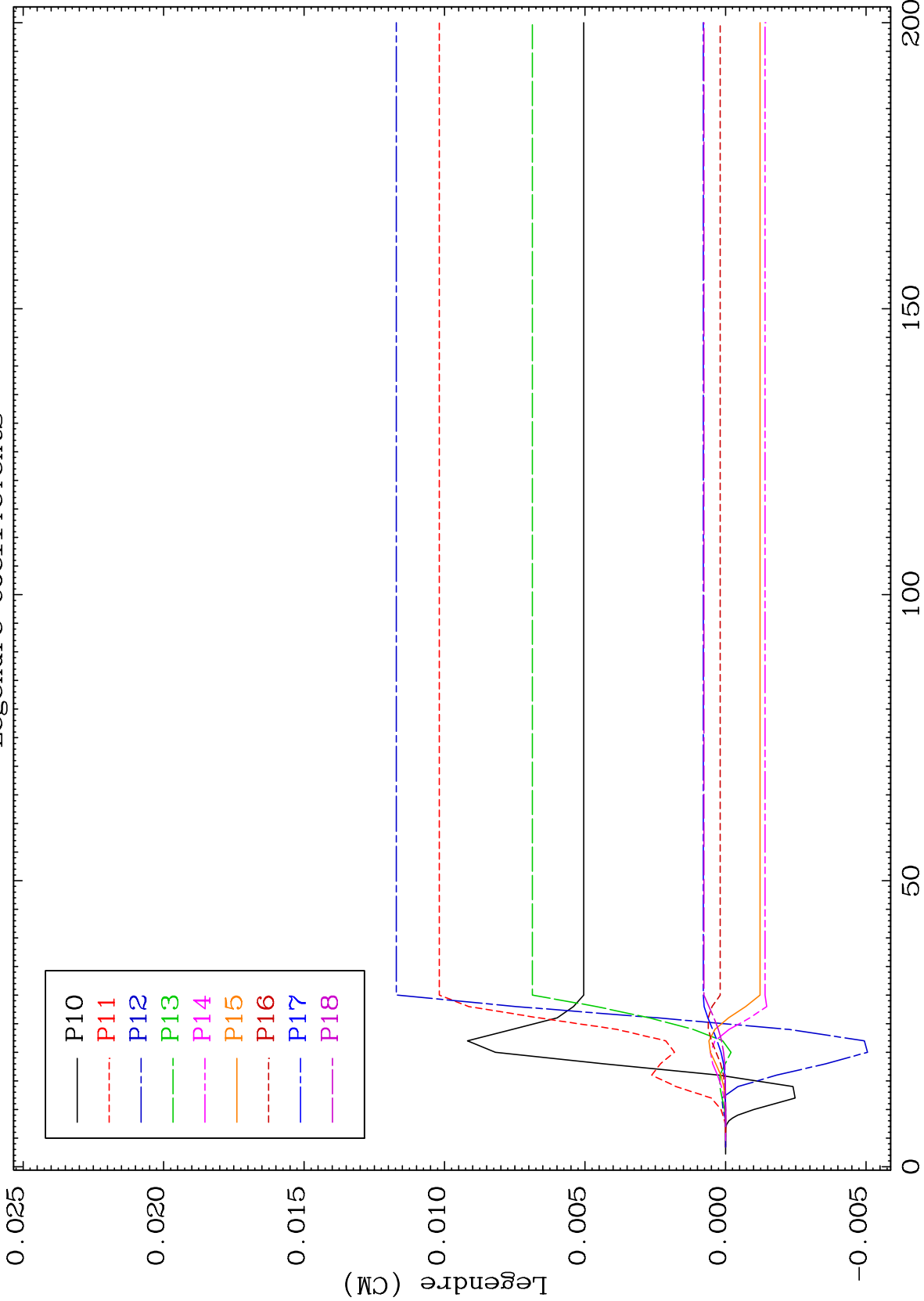
35-Br-83



35-Br-83

Incident Energy (MeV)

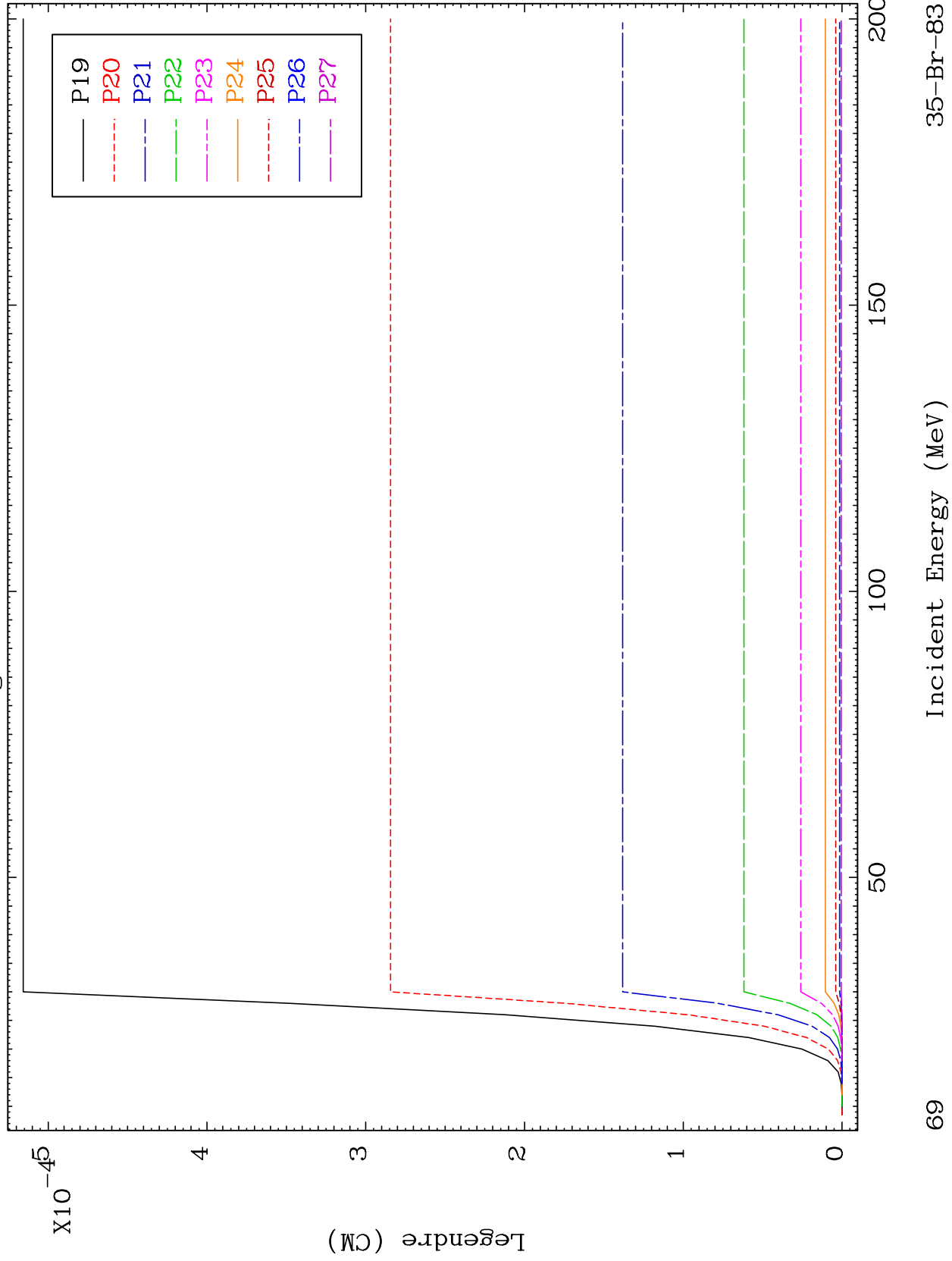
67



MAT 3537

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

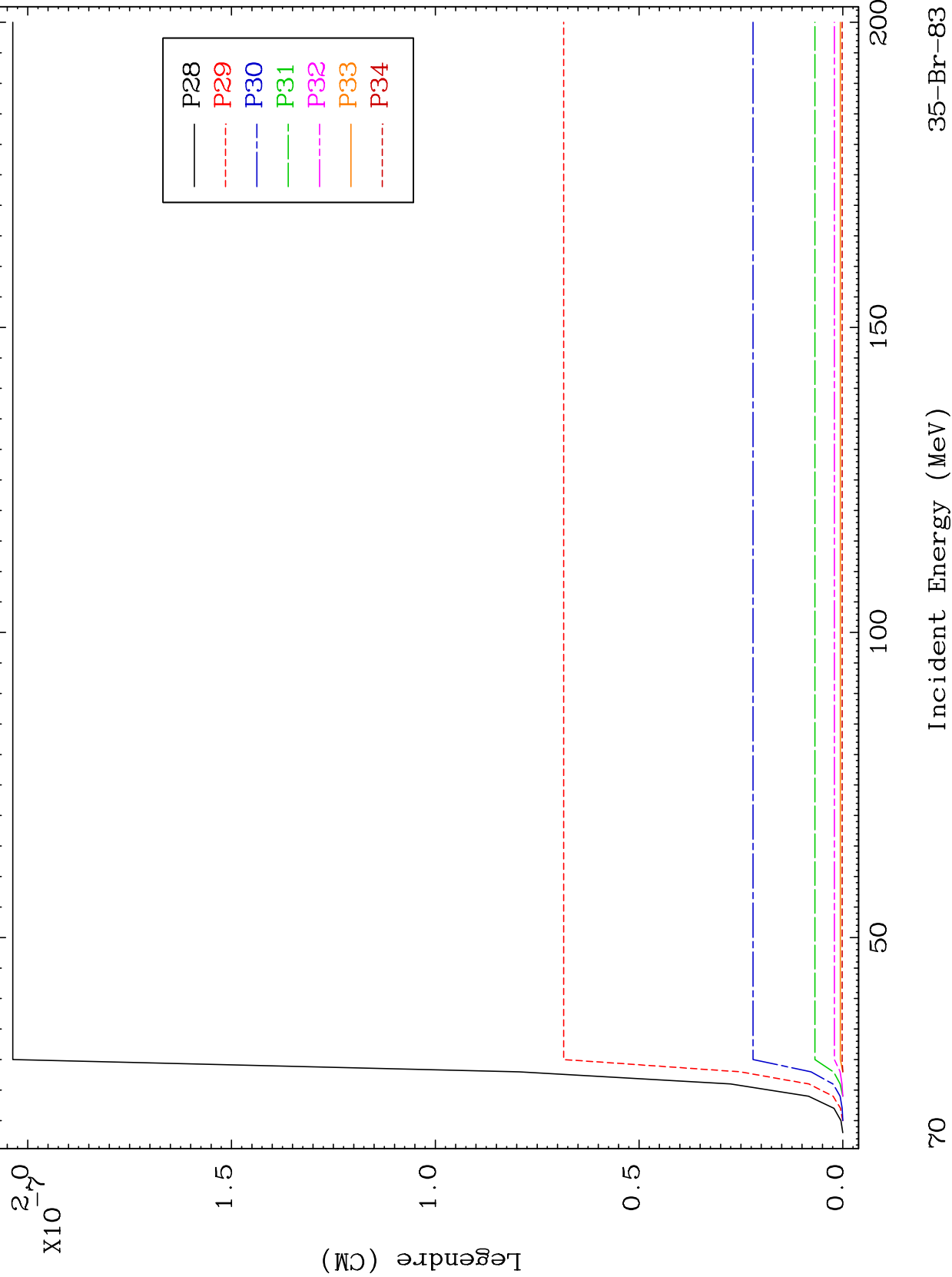
35-Br-83



MAT 3537

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

35-Br-83



35-Br-83

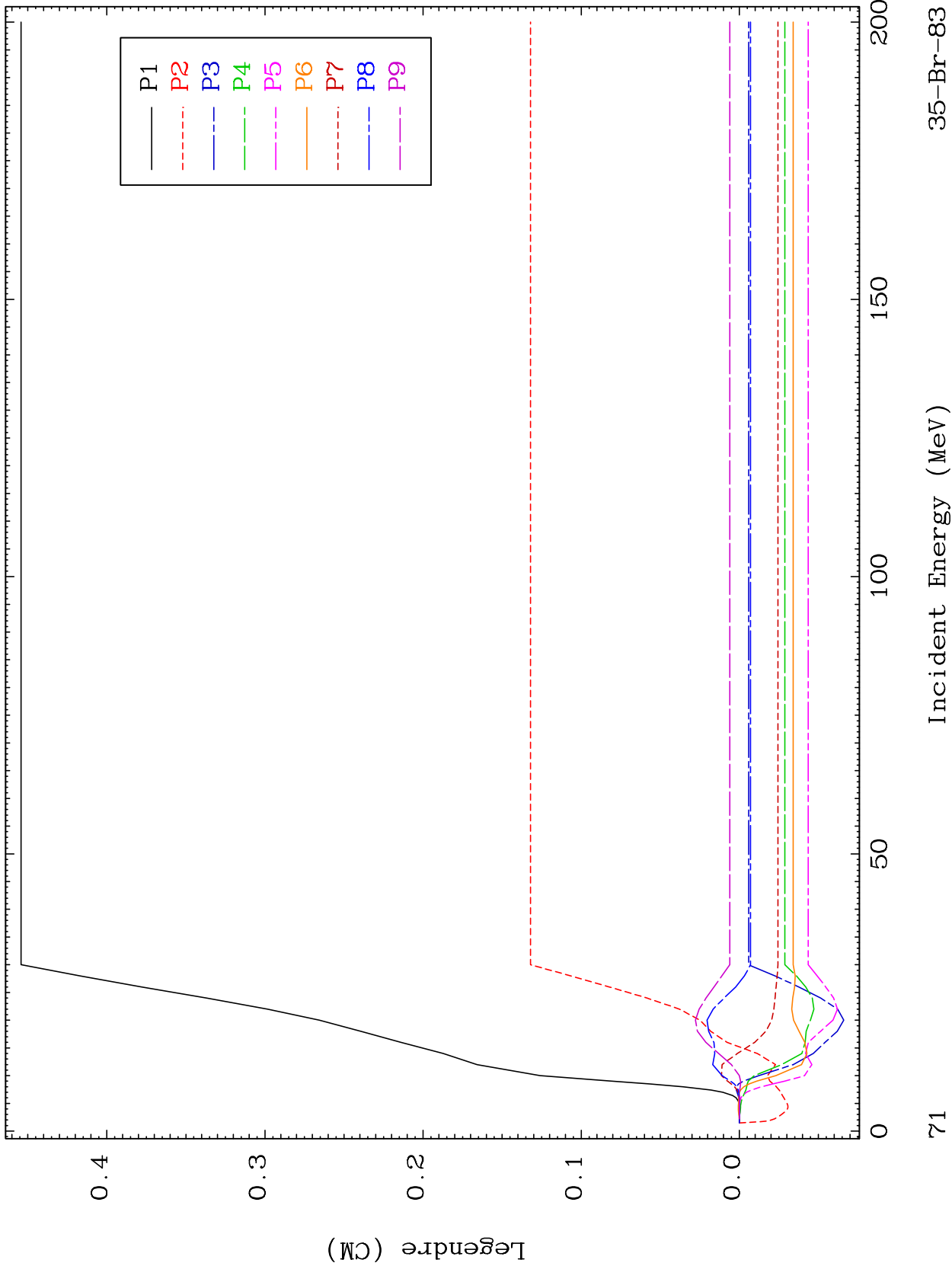
Incident Energy (MeV)

70

MAT 3537

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

35-Br-83

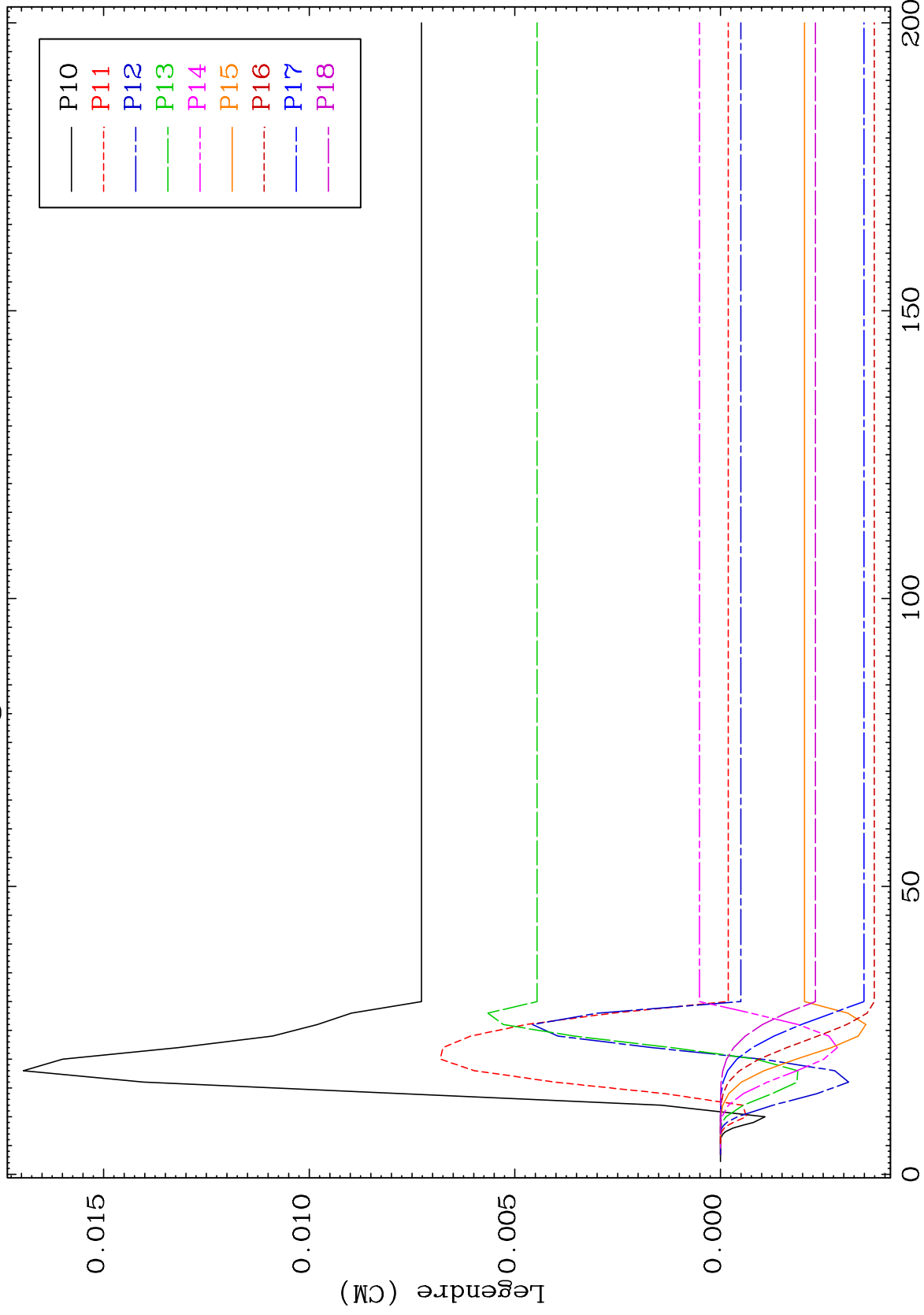


35-Br-83

MAT 3537

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

35-Br-83



72

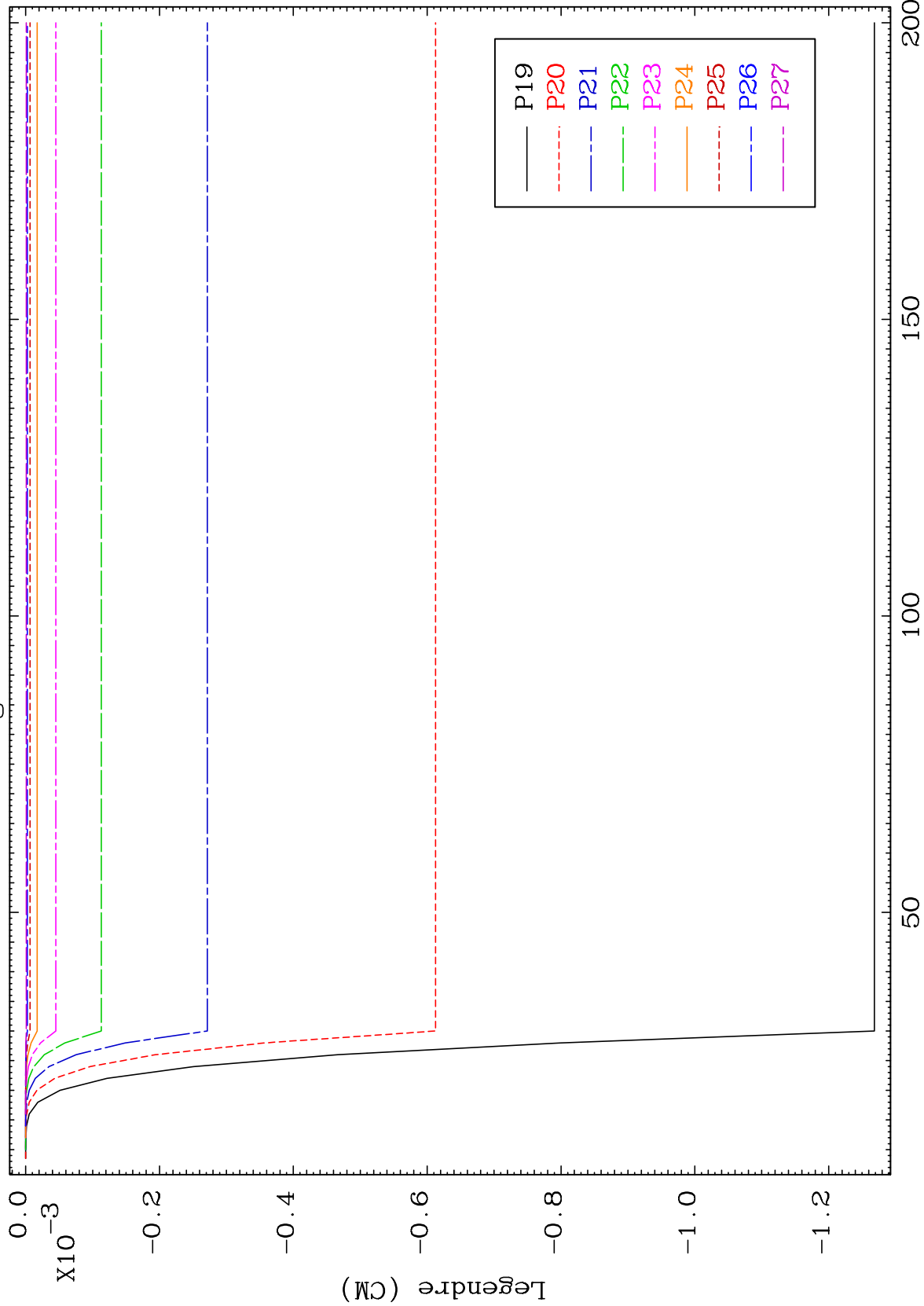
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



73

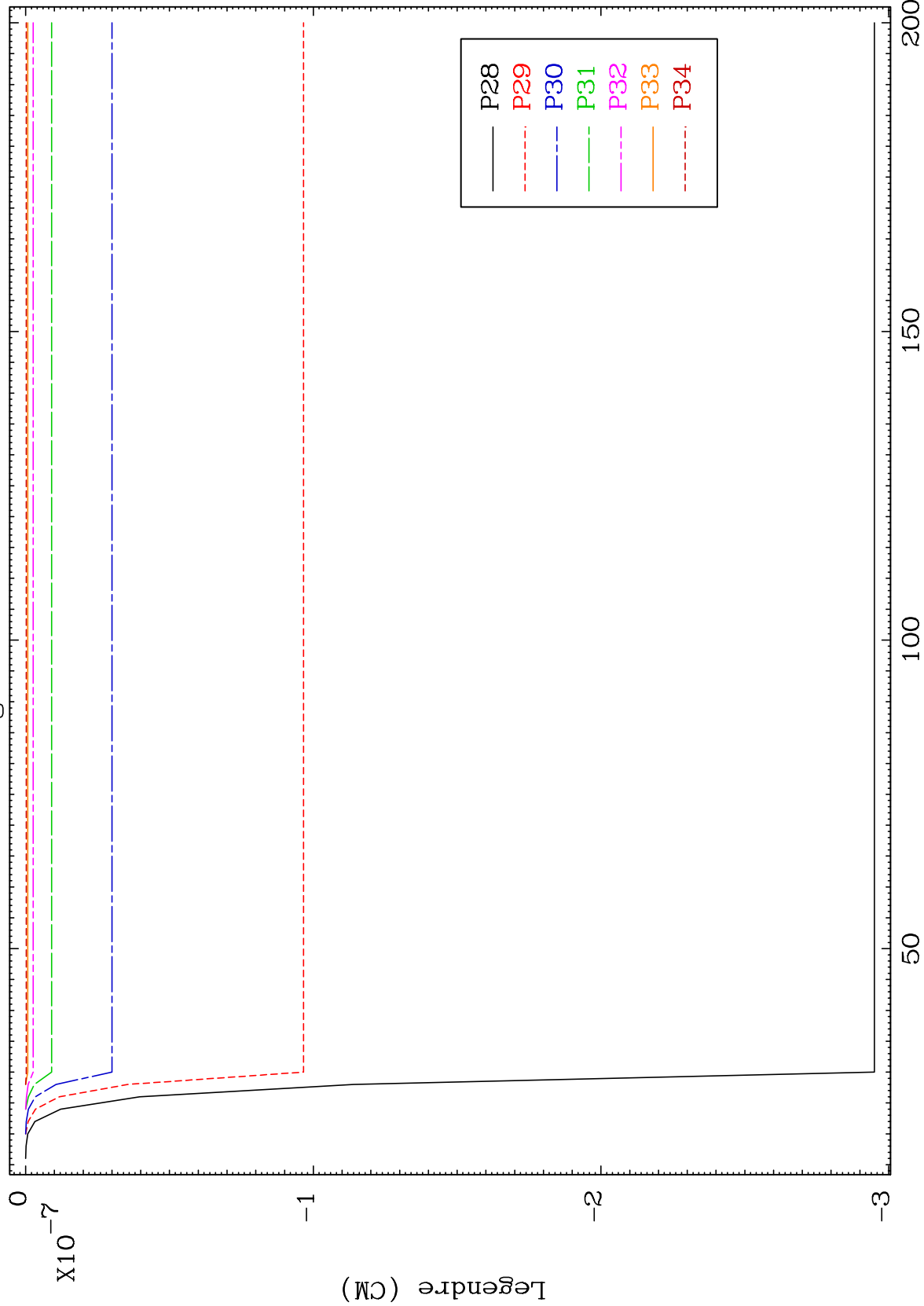
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



74

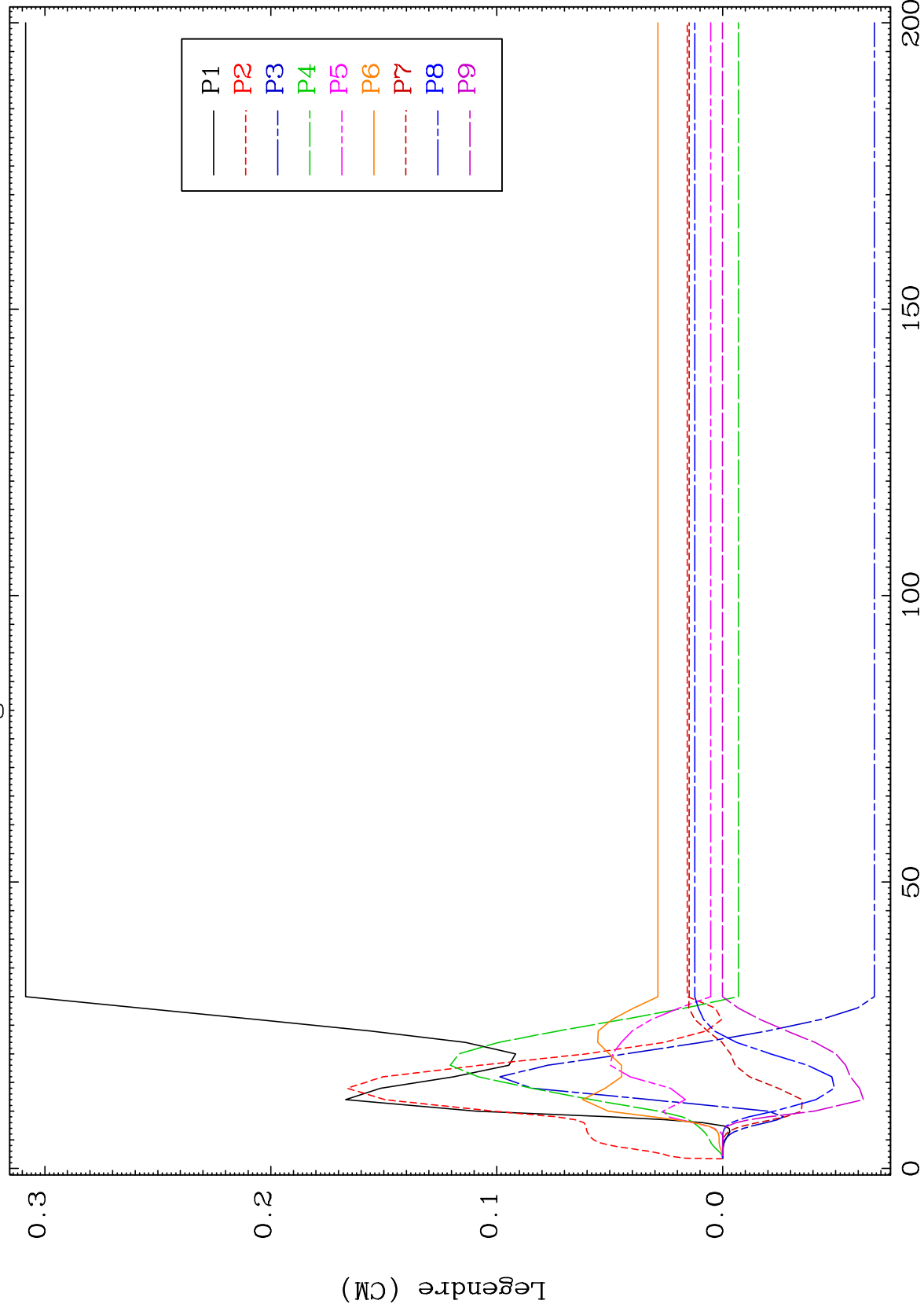
Incident Energy (MeV)

35-Br-83

MAT 3537

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

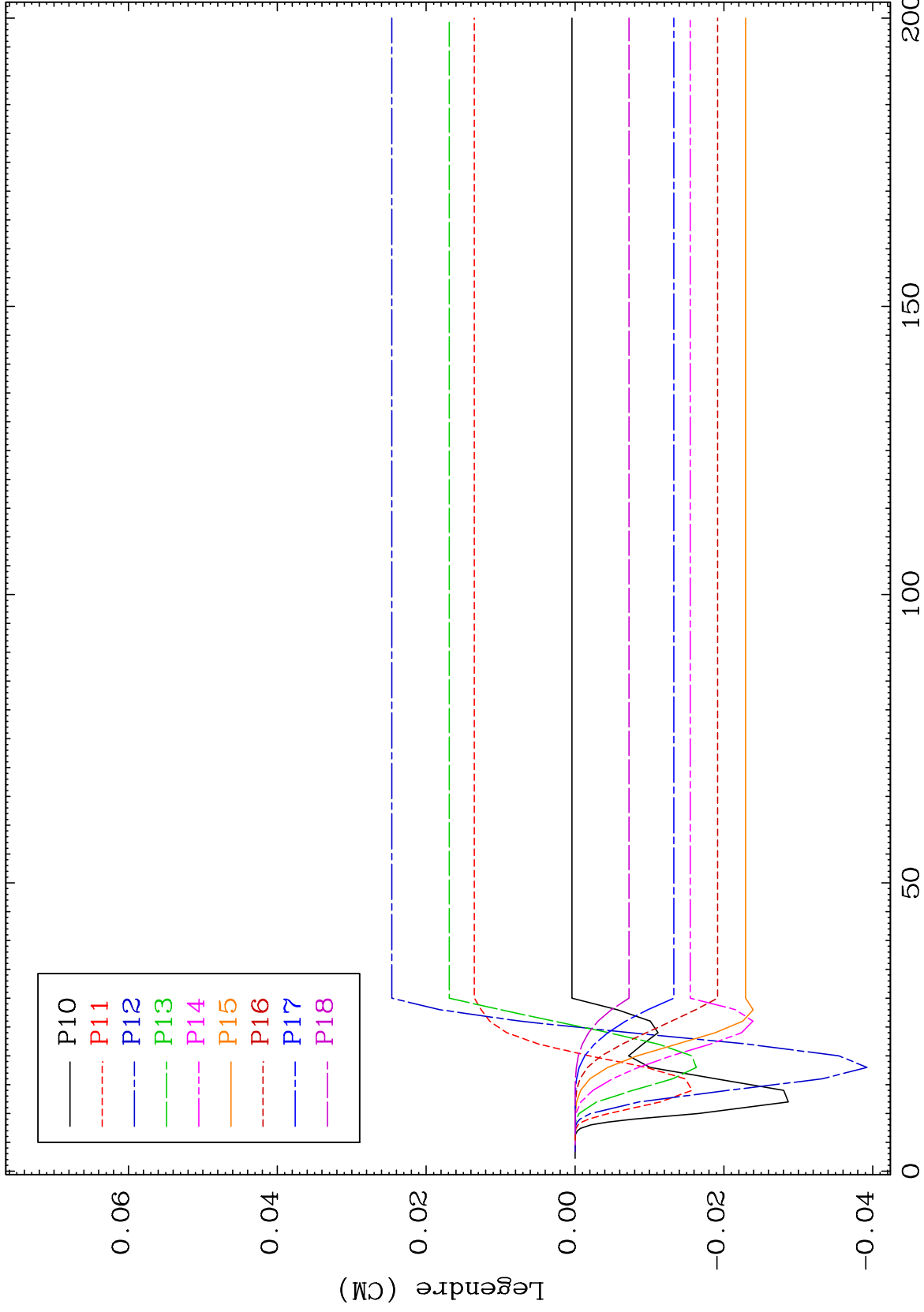
35-Br-83



35-Br-83

Incident Energy (MeV)

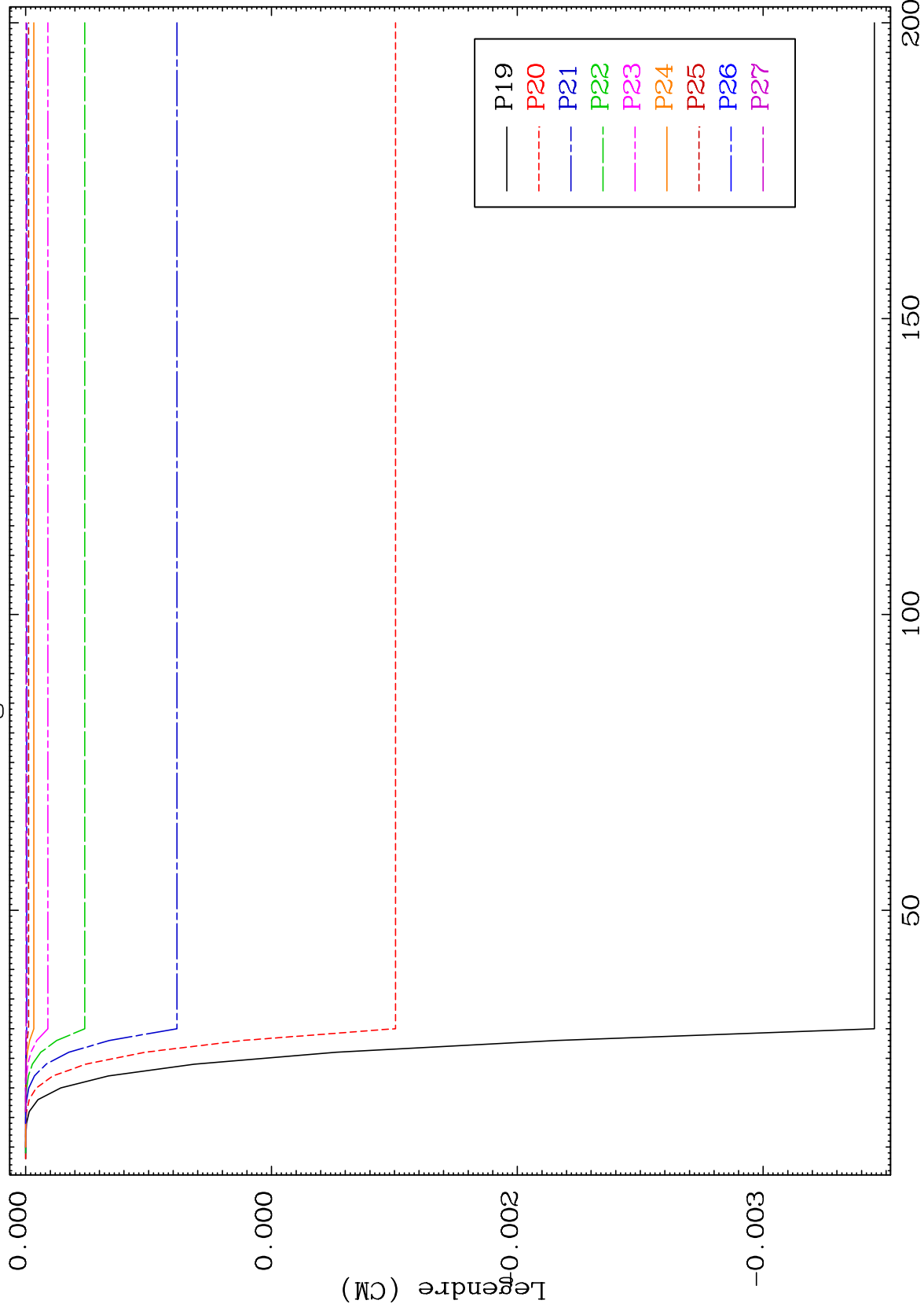
75



MAT 3537

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

35-Br-83



77

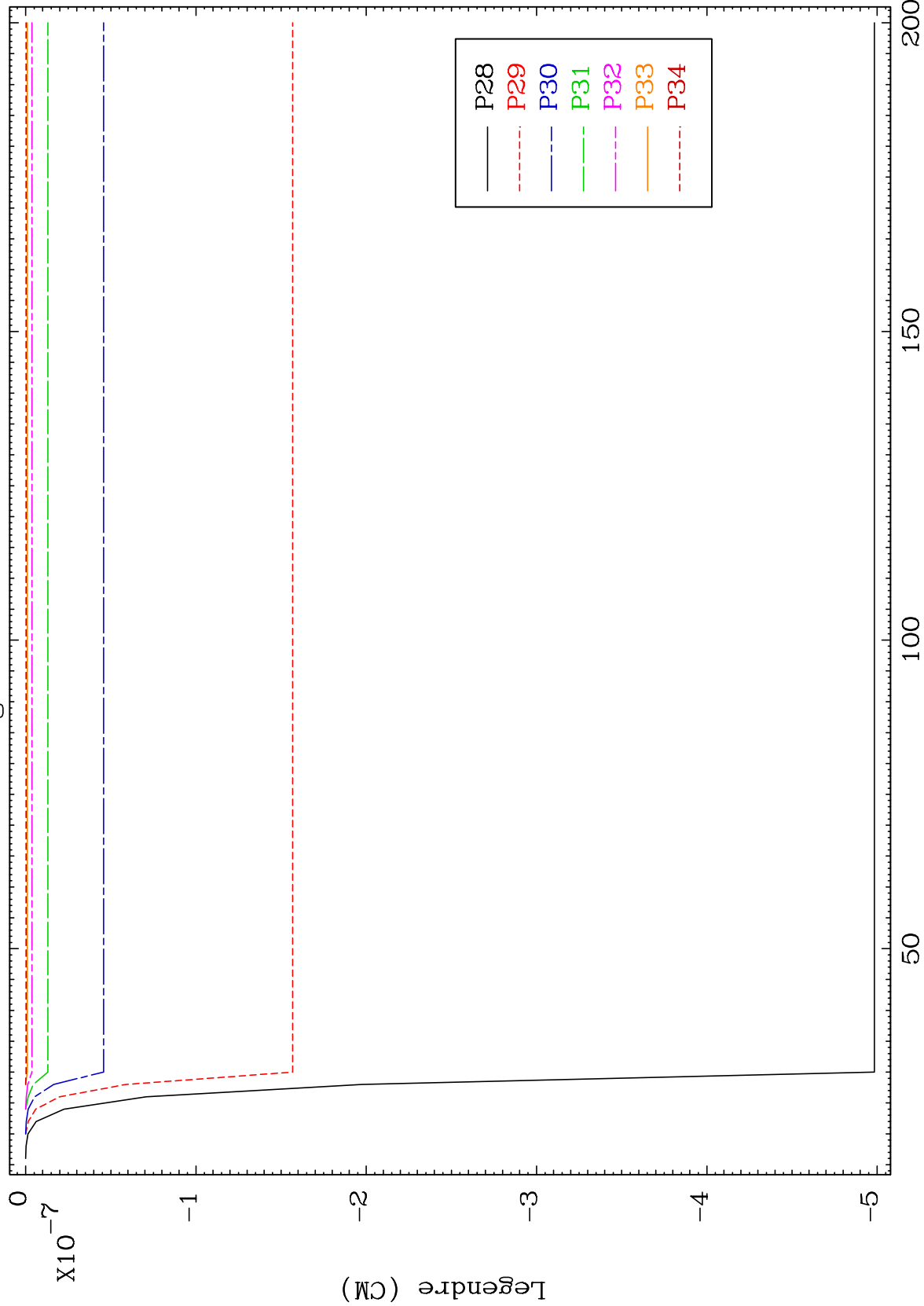
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



78

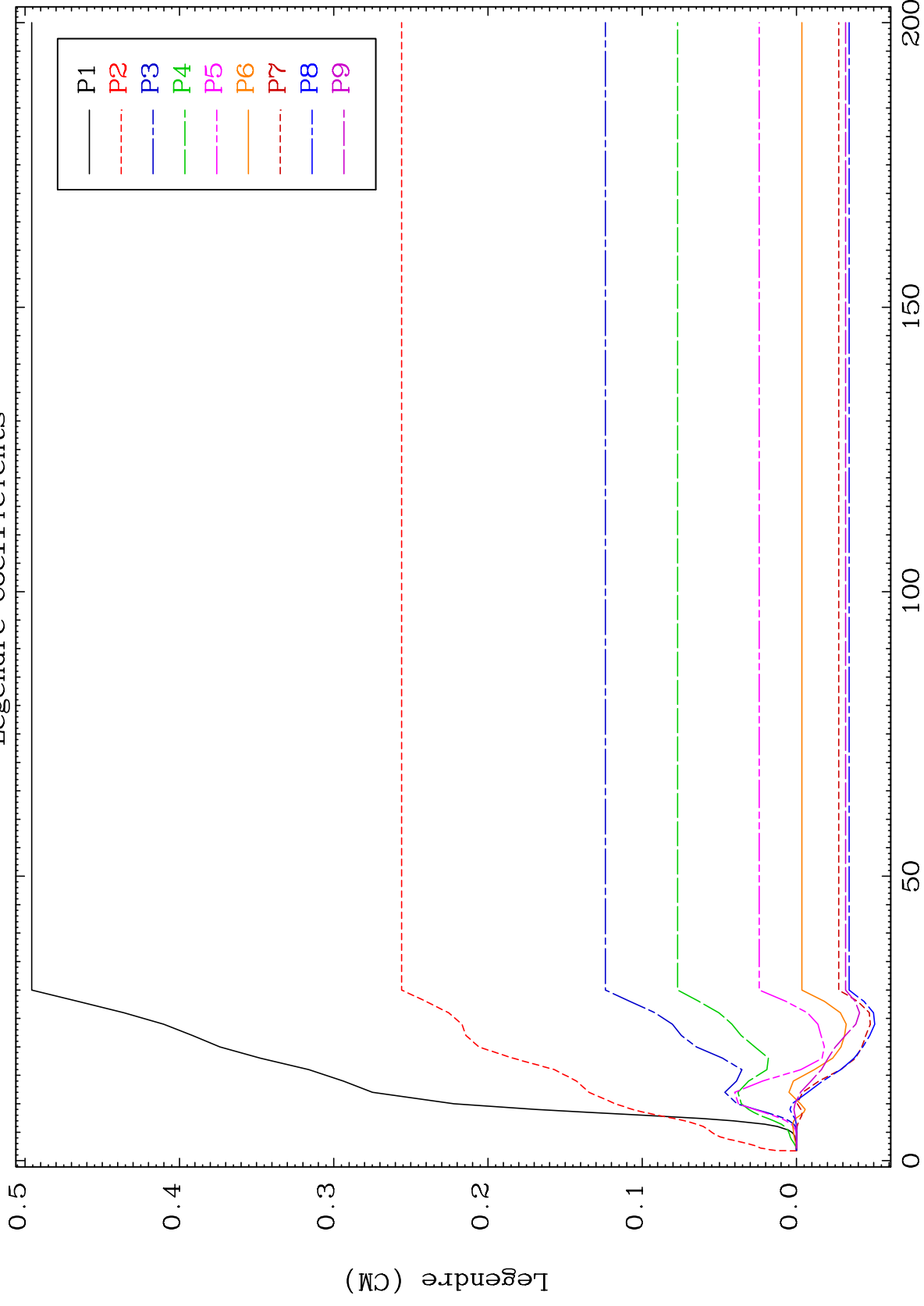
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



79

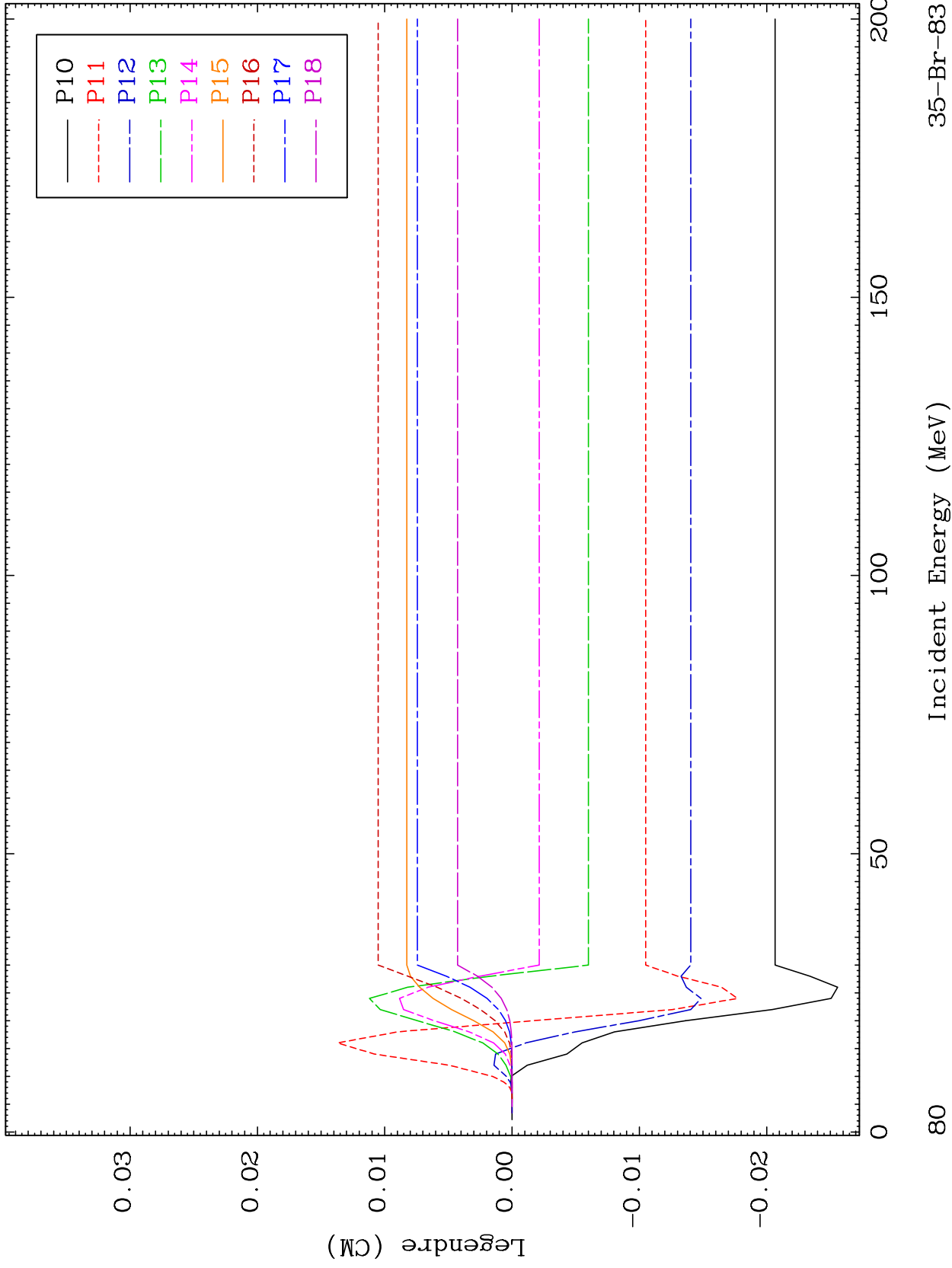
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



35-Br-83

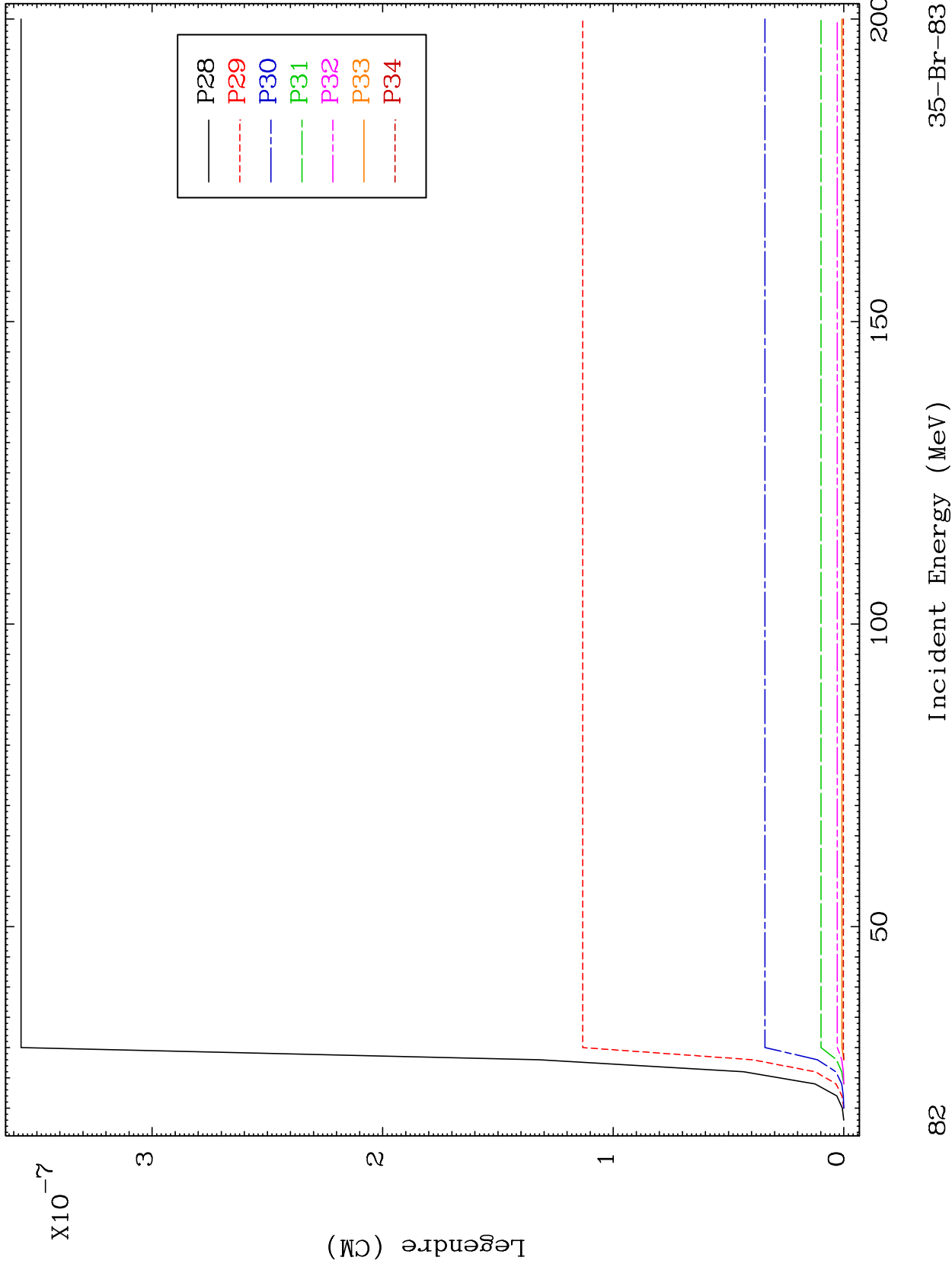
Incident Energy (MeV)

80

MAT 3537

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

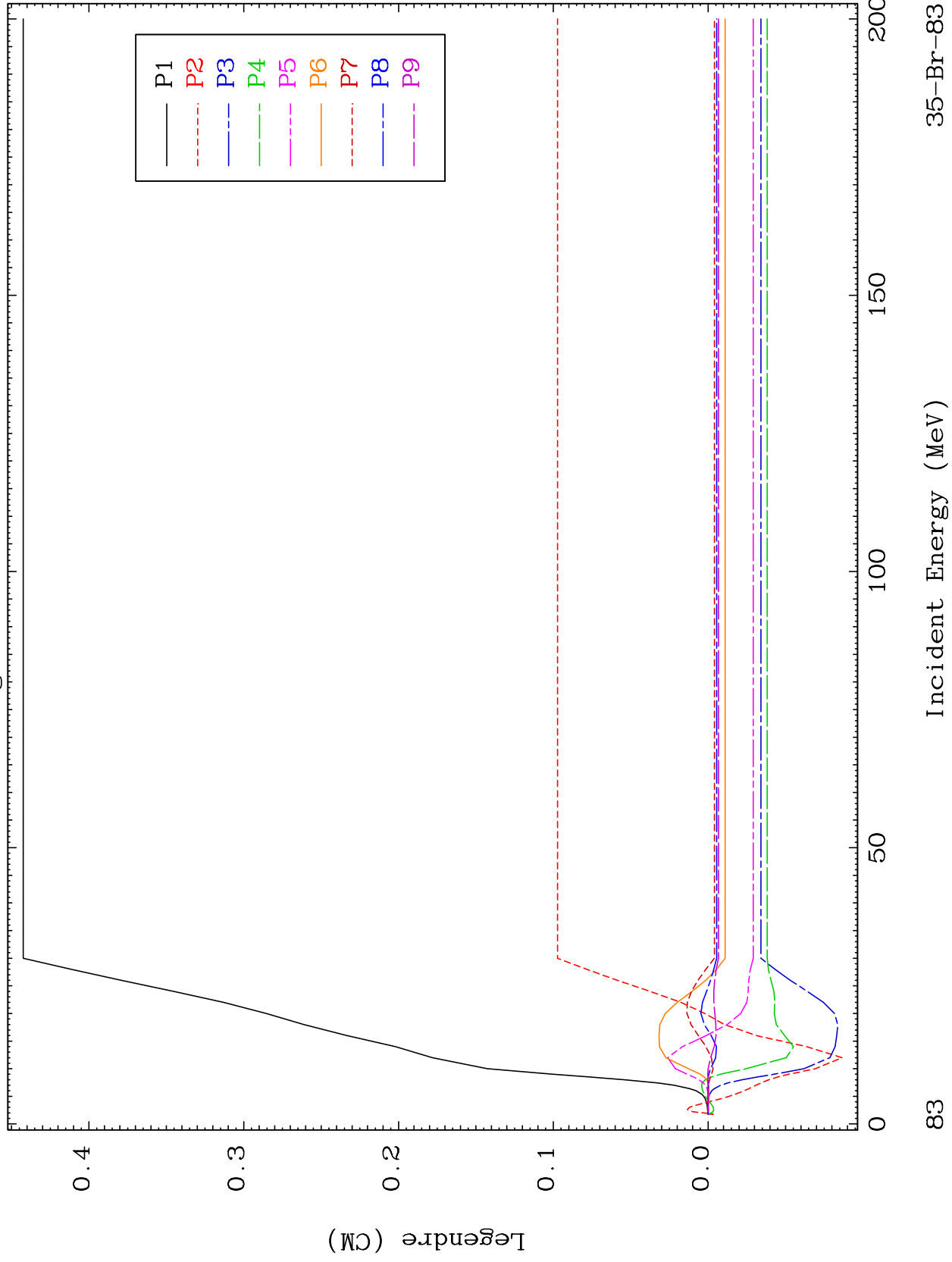
35-Br-83



MAT 3537

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

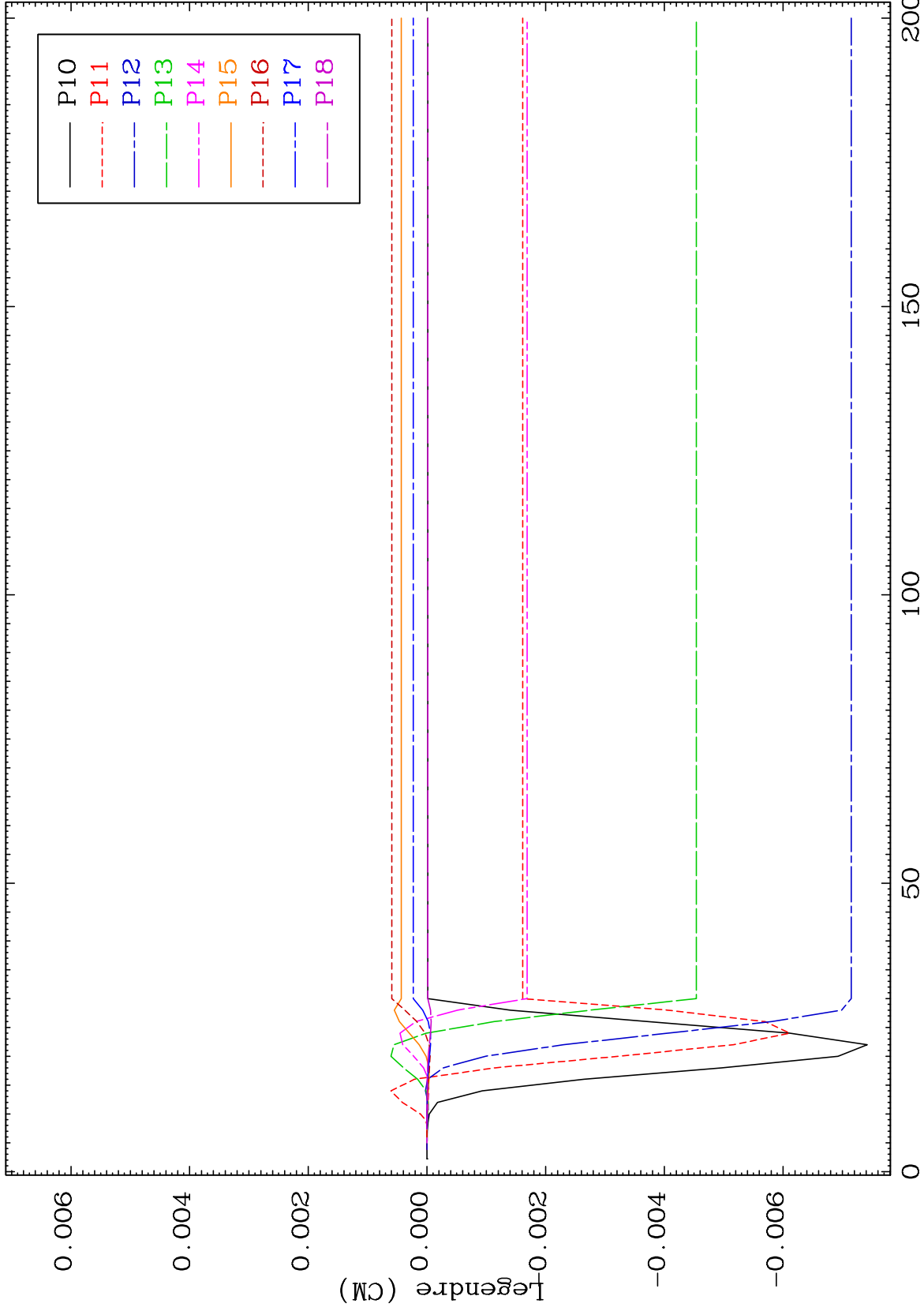
35-Br-83



35-Br-83

Incident Energy (MeV)

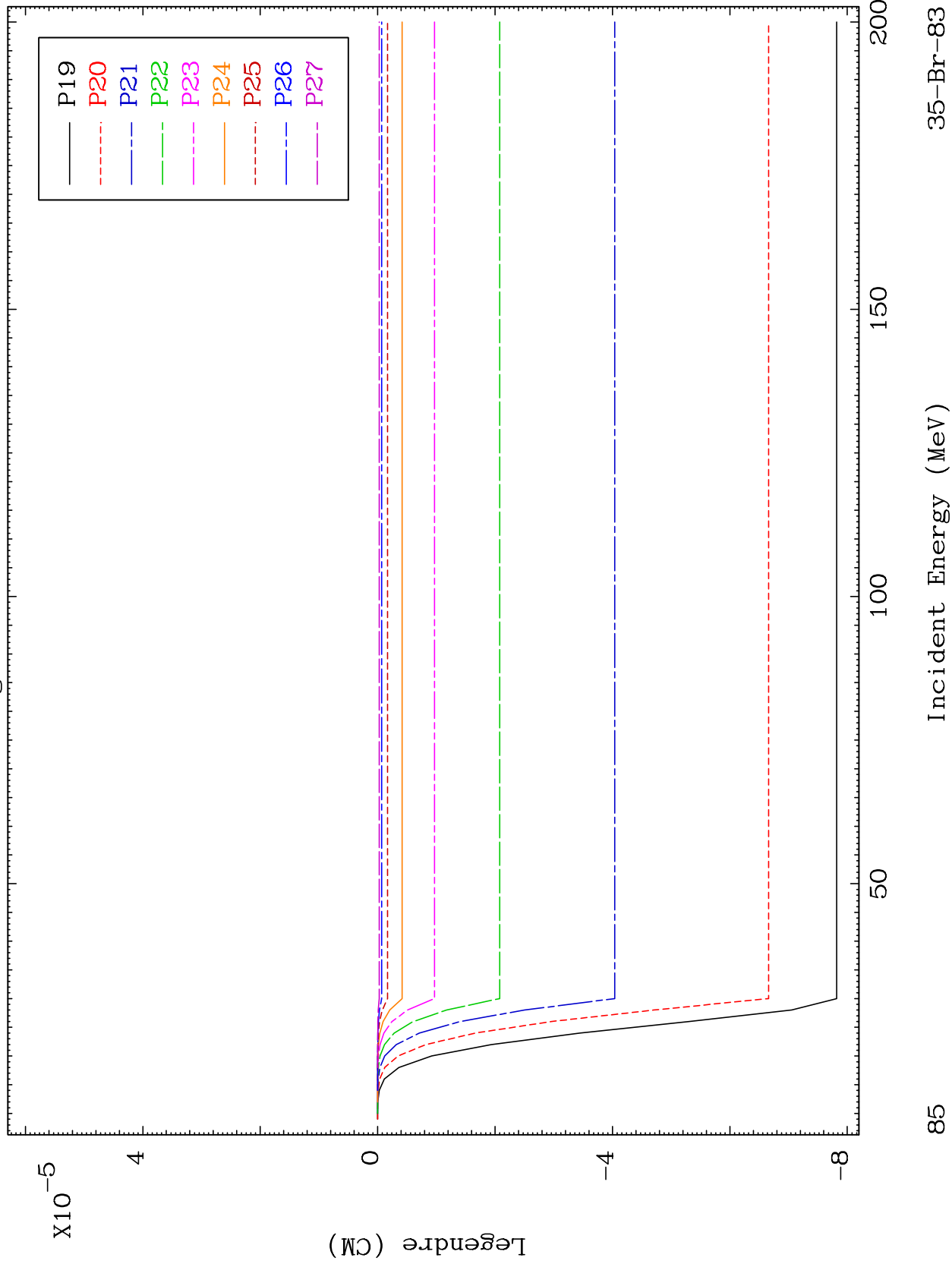
83



MAT 3537

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

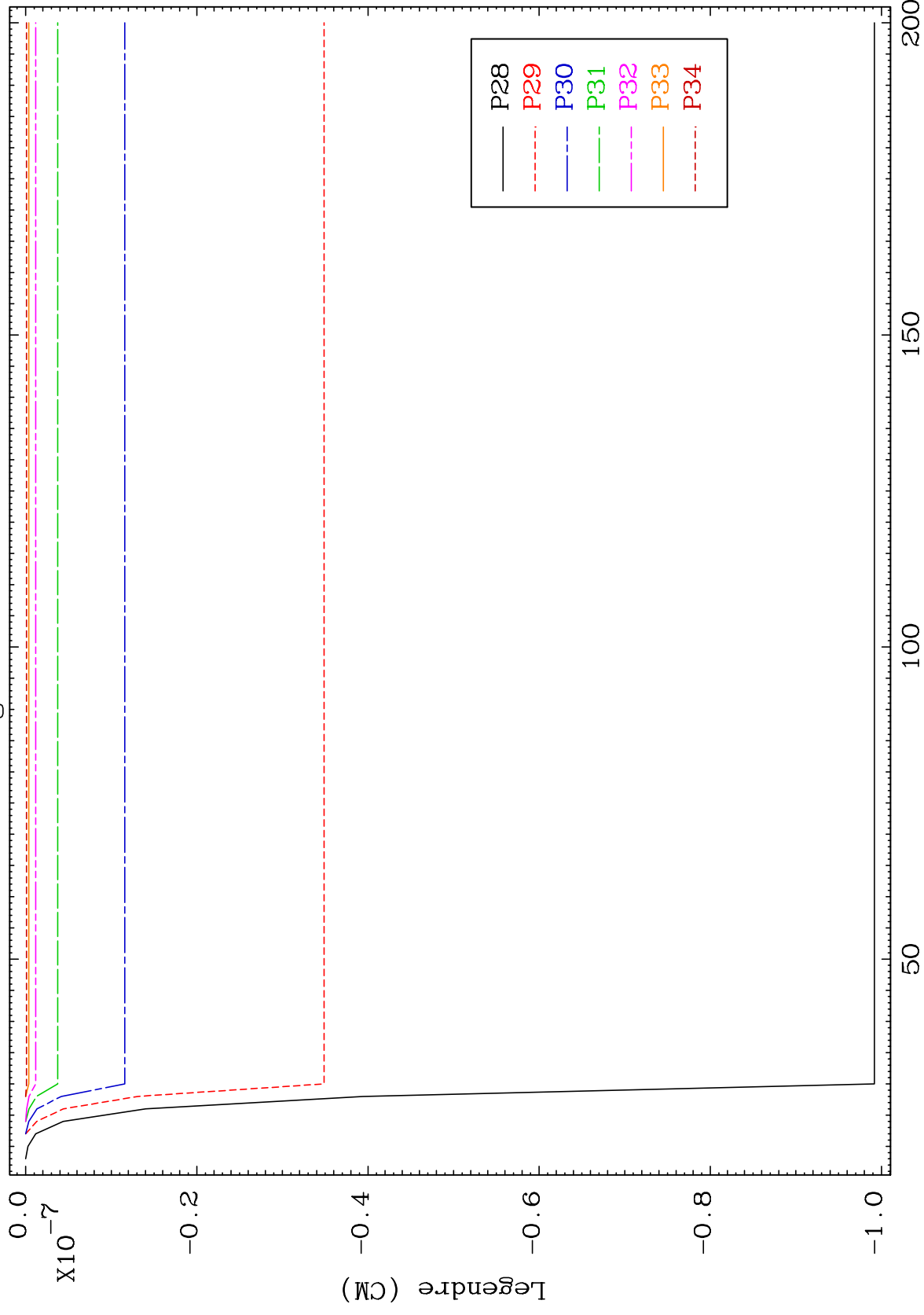
35-Br-83



MAT 3537

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

35-Br-83



86

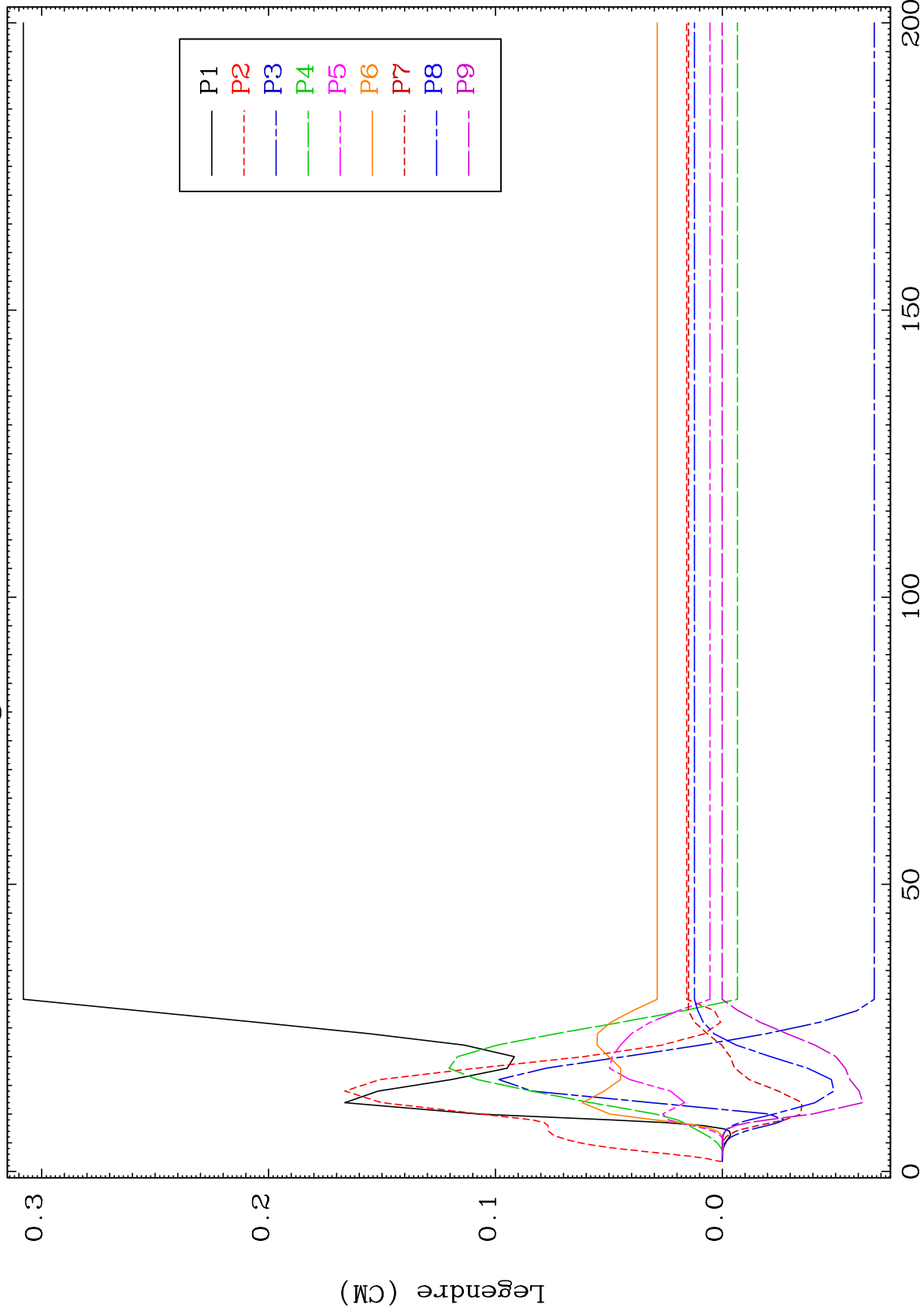
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



87

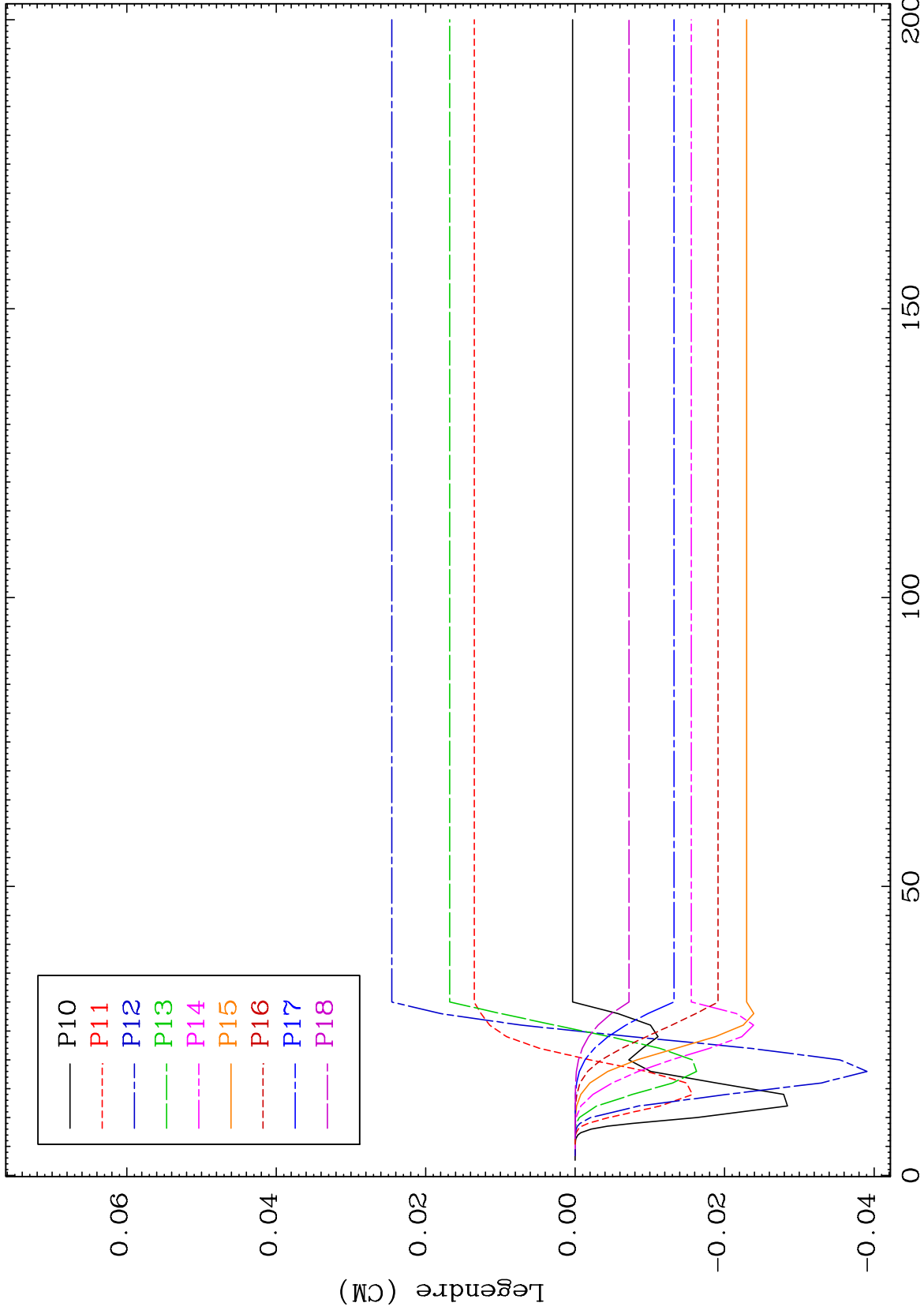
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



88

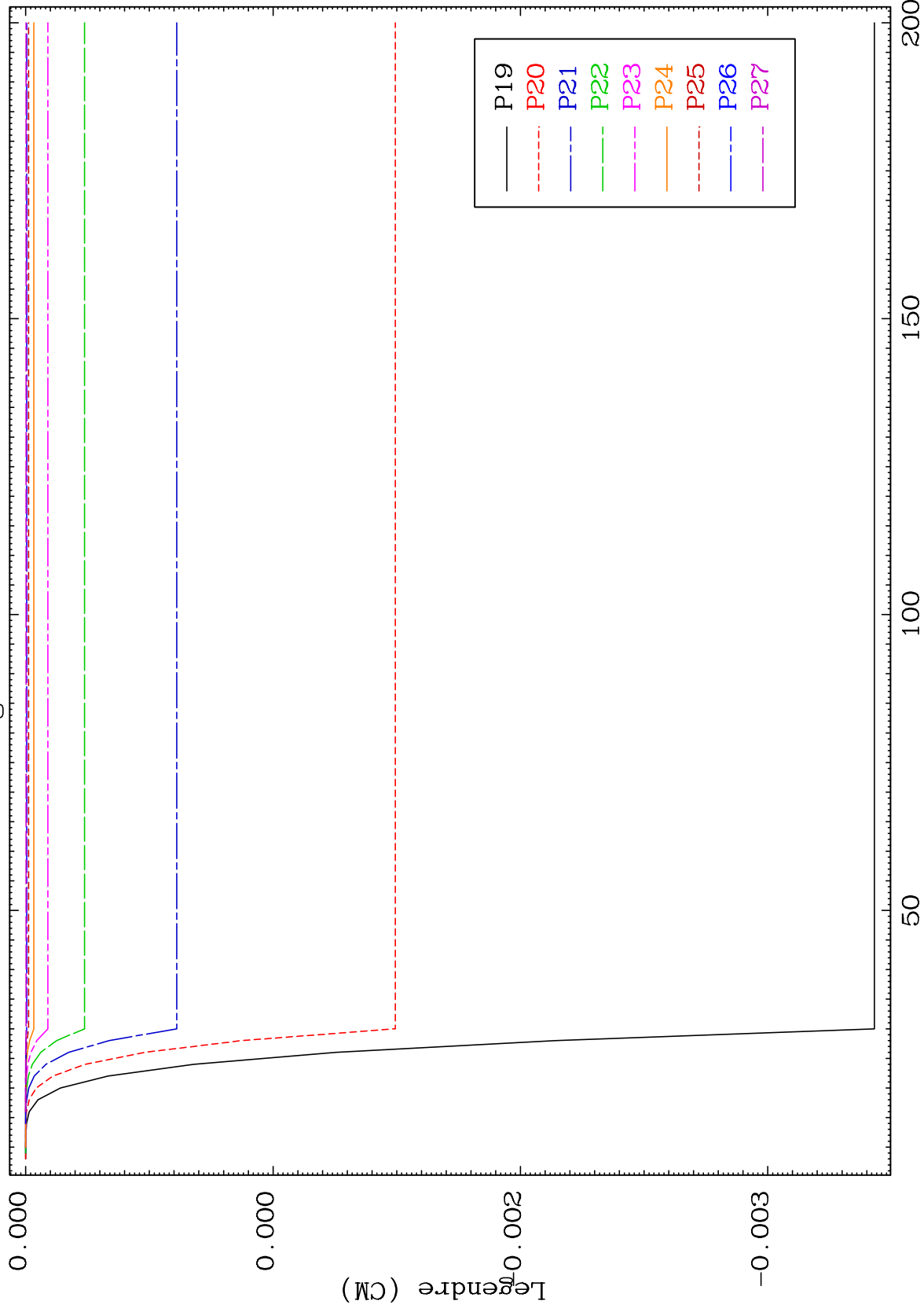
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



89

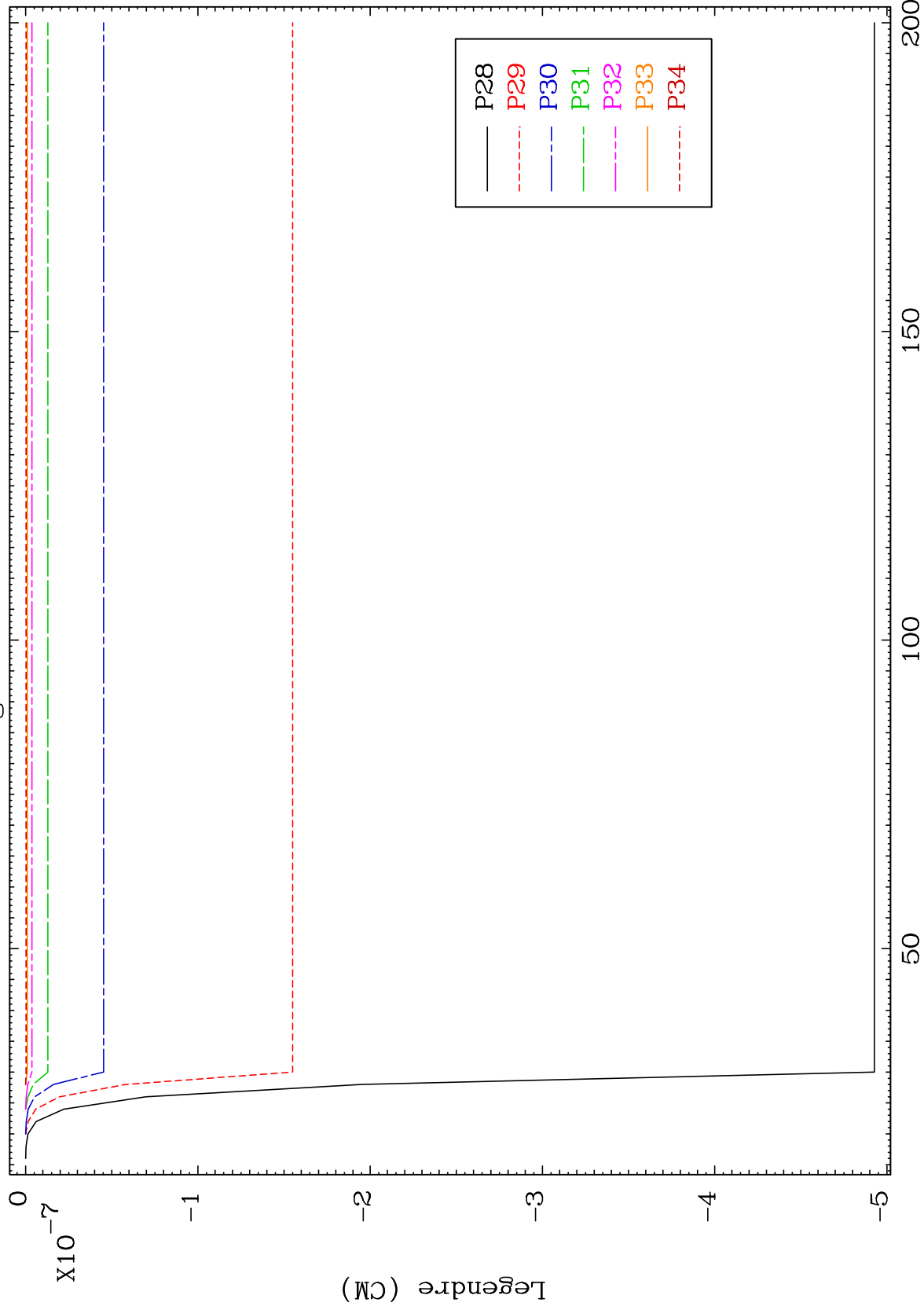
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



90

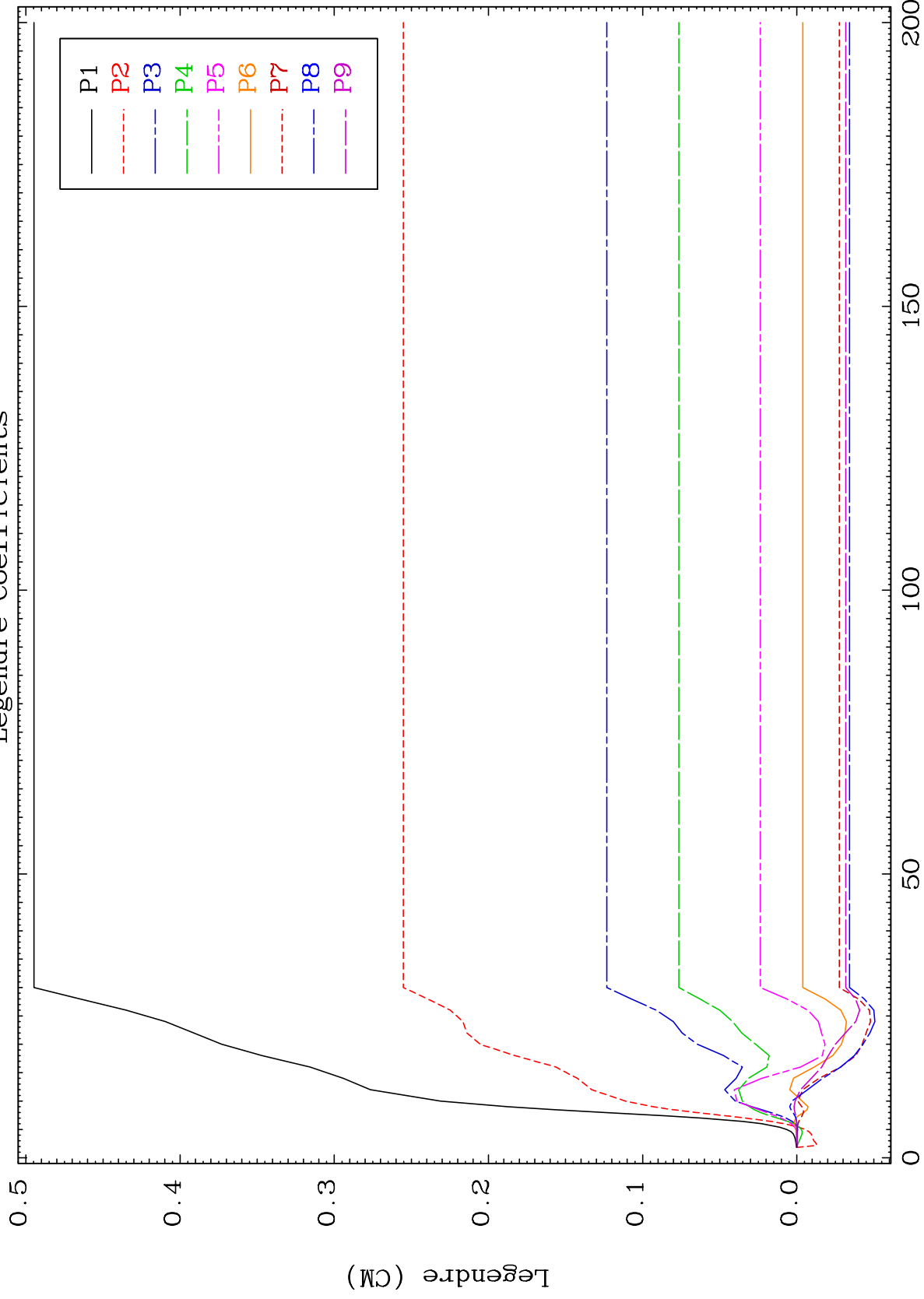
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



91

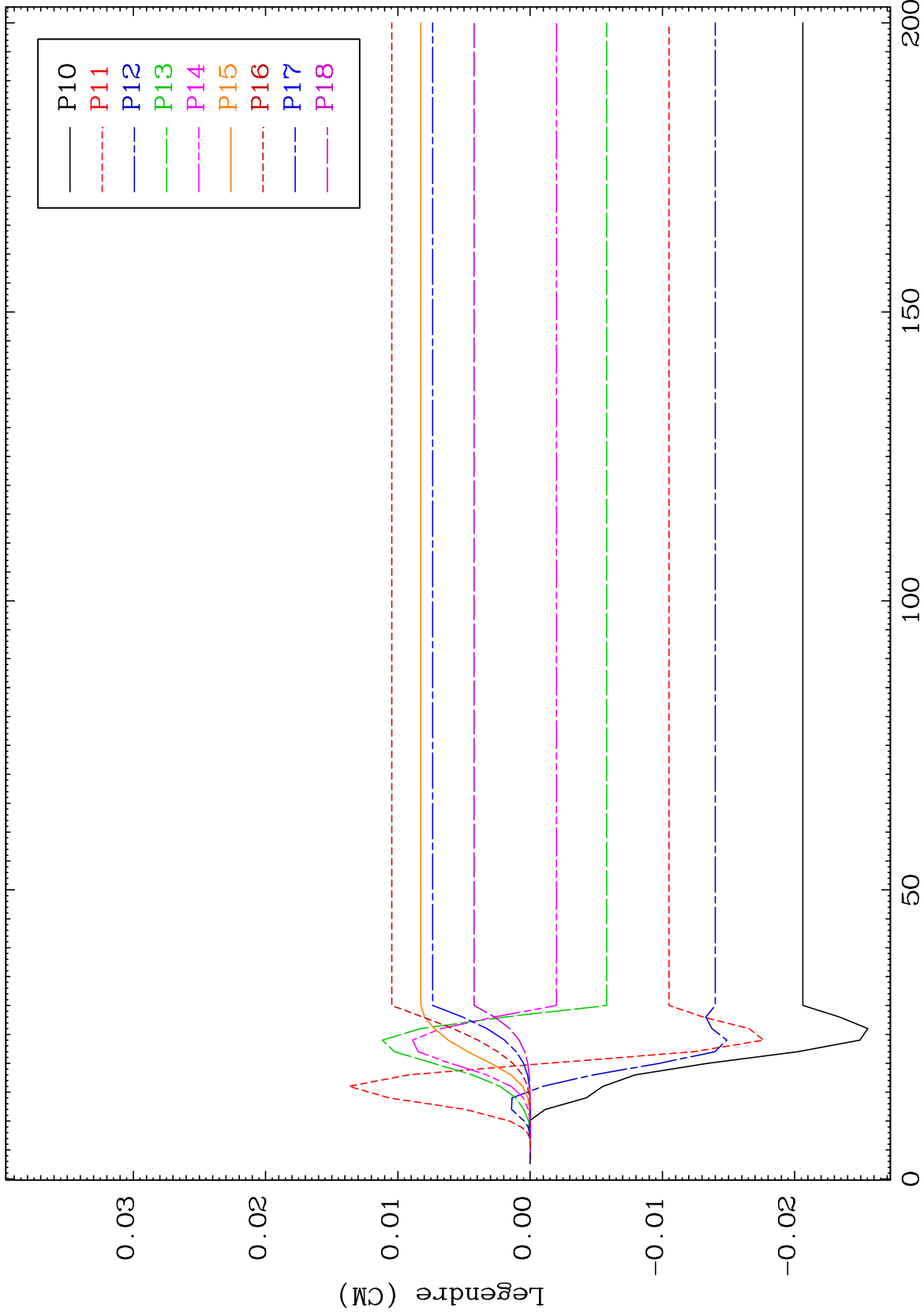
Incident Energy (MeV)

35-Br-83

MAT 3537

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

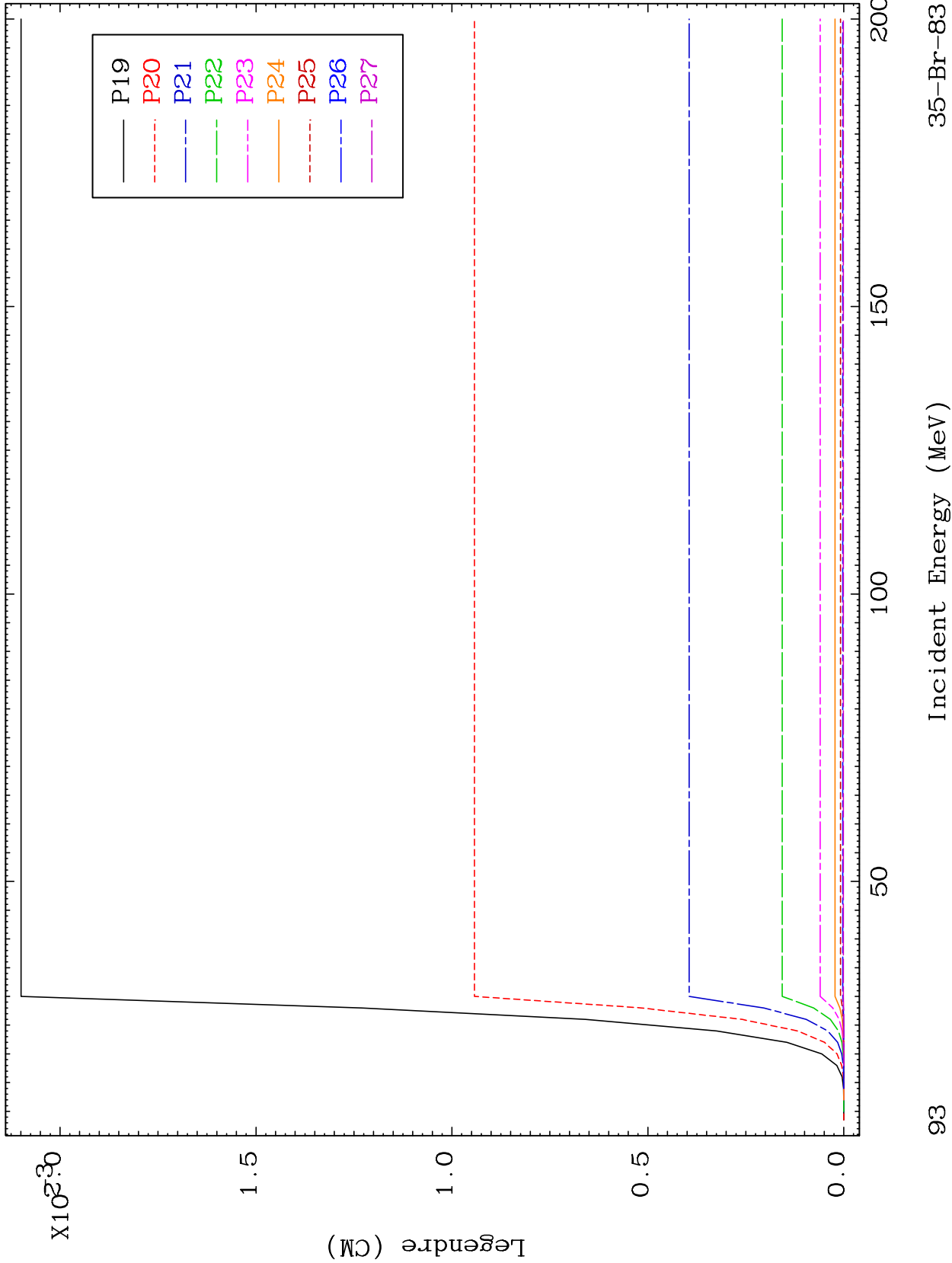
35-Br-83



92

Incident Energy (MeV)

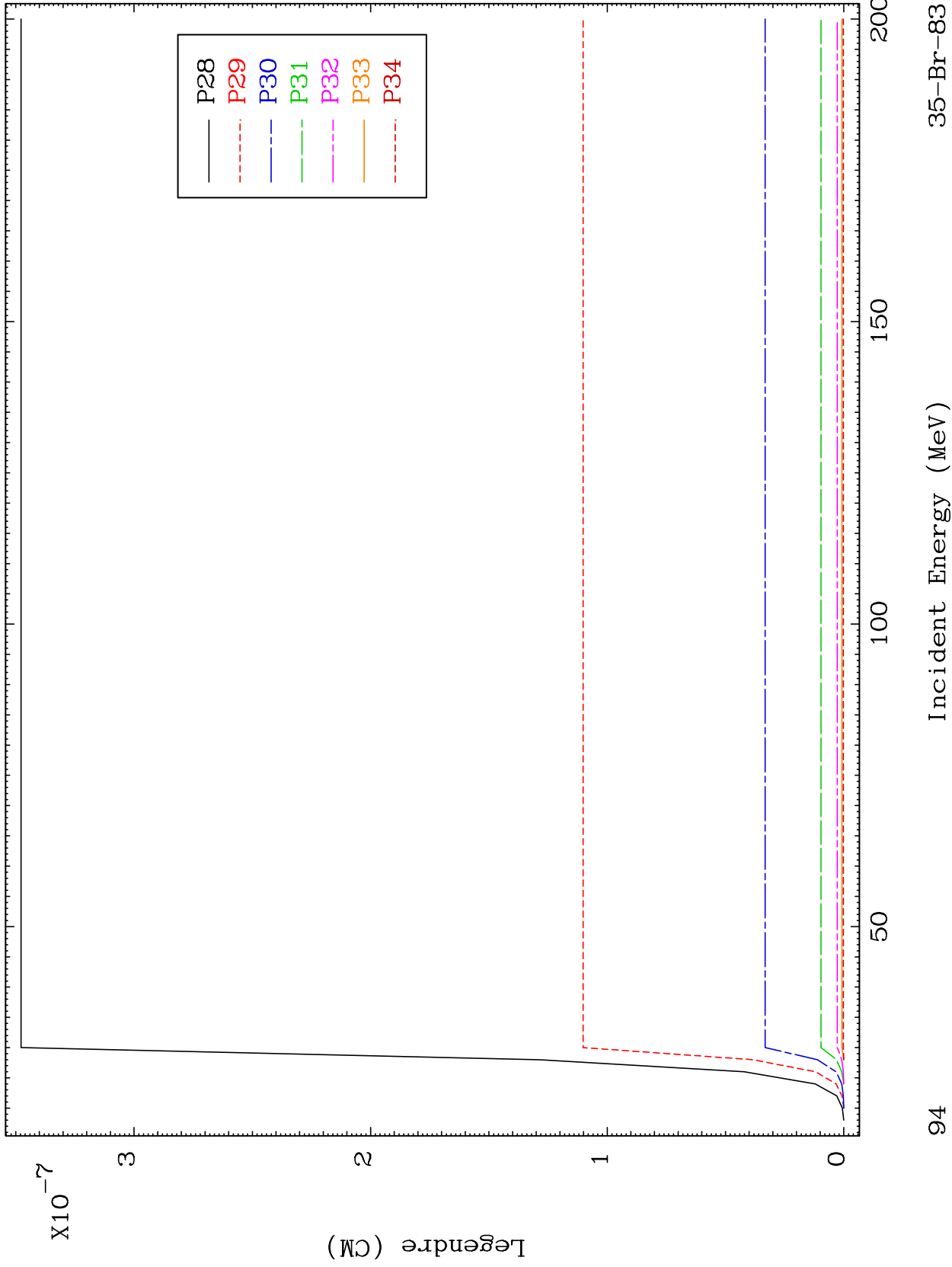
35-Br-83



MAT 3537

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

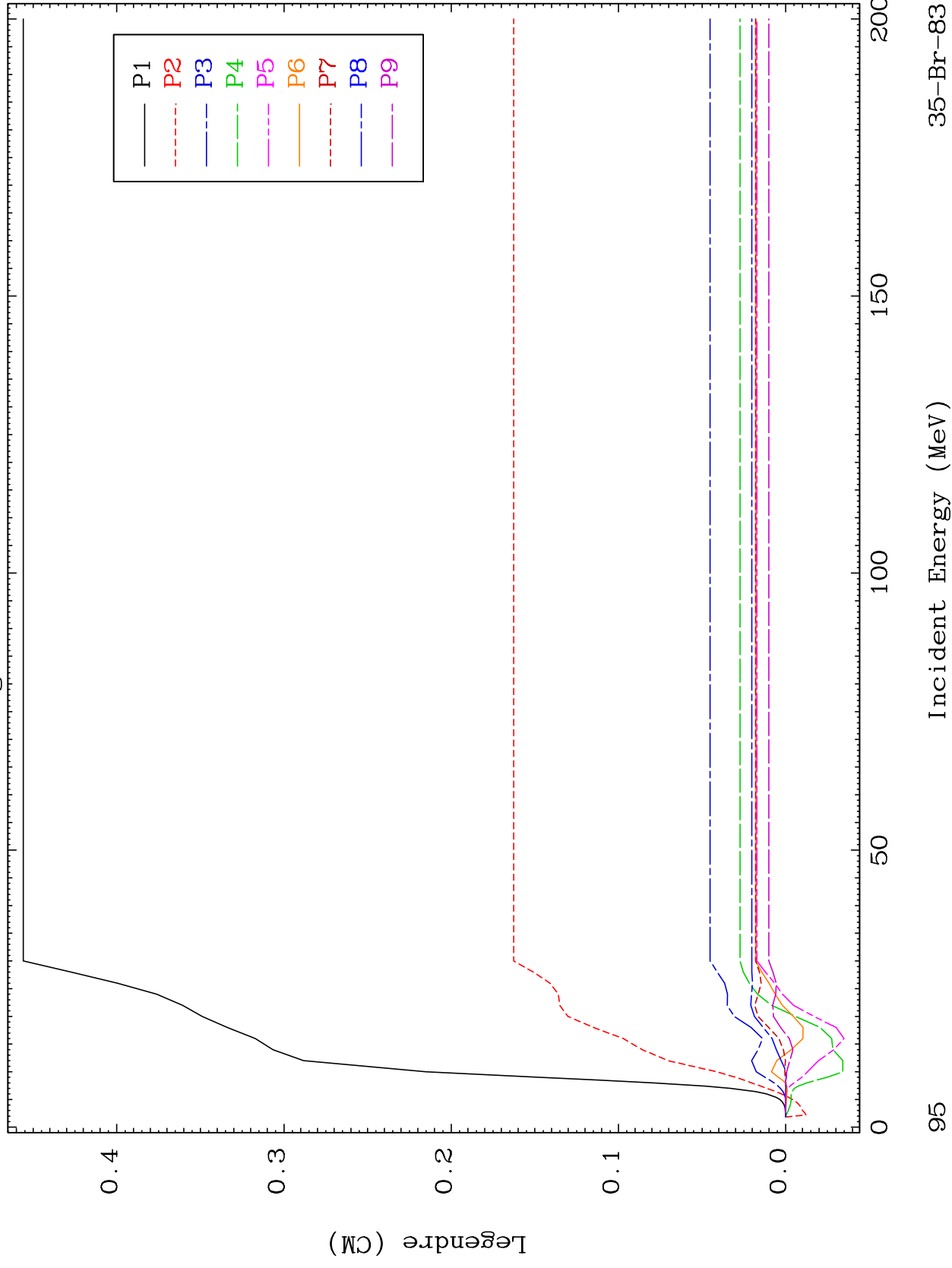
35-Br-83

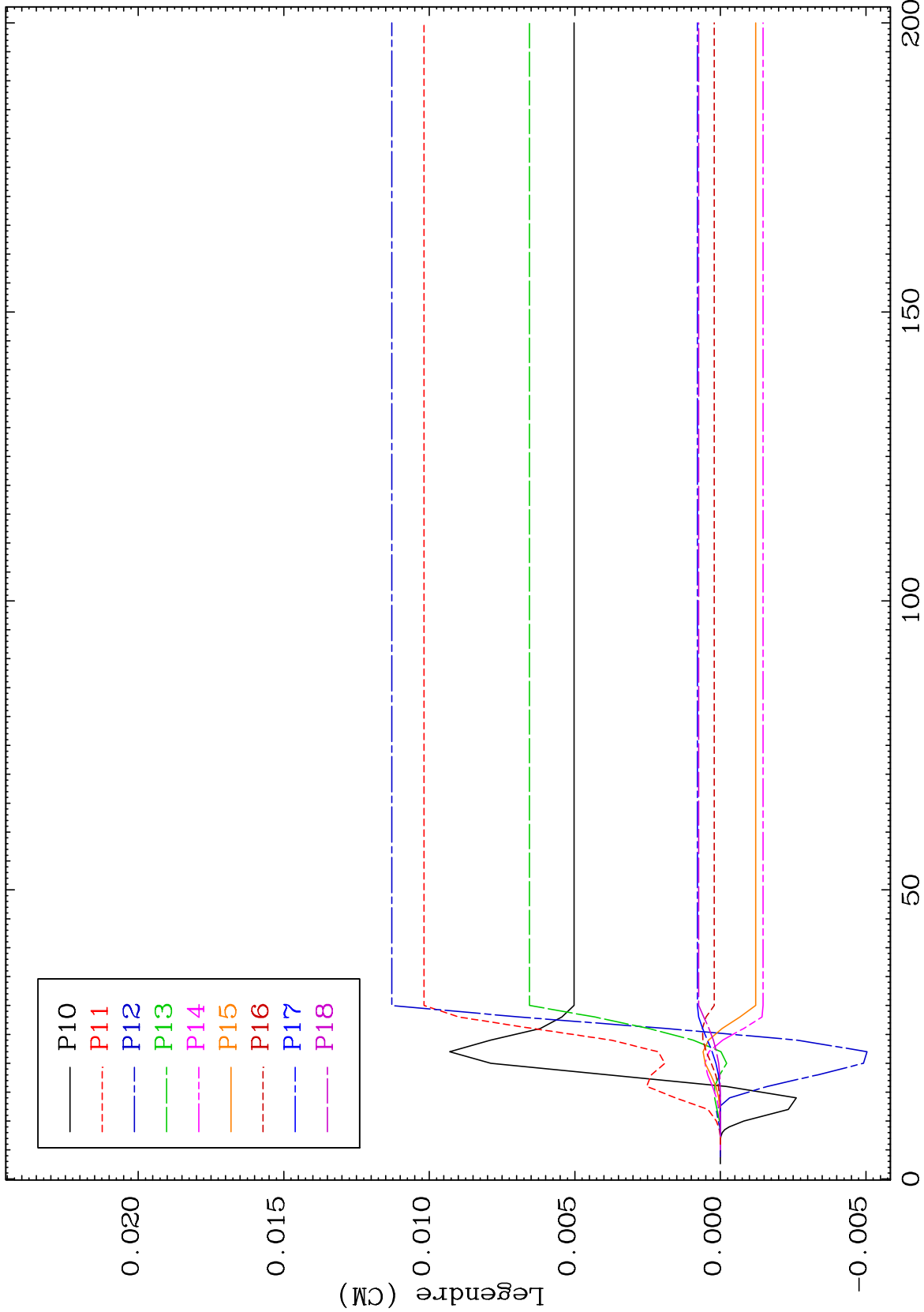


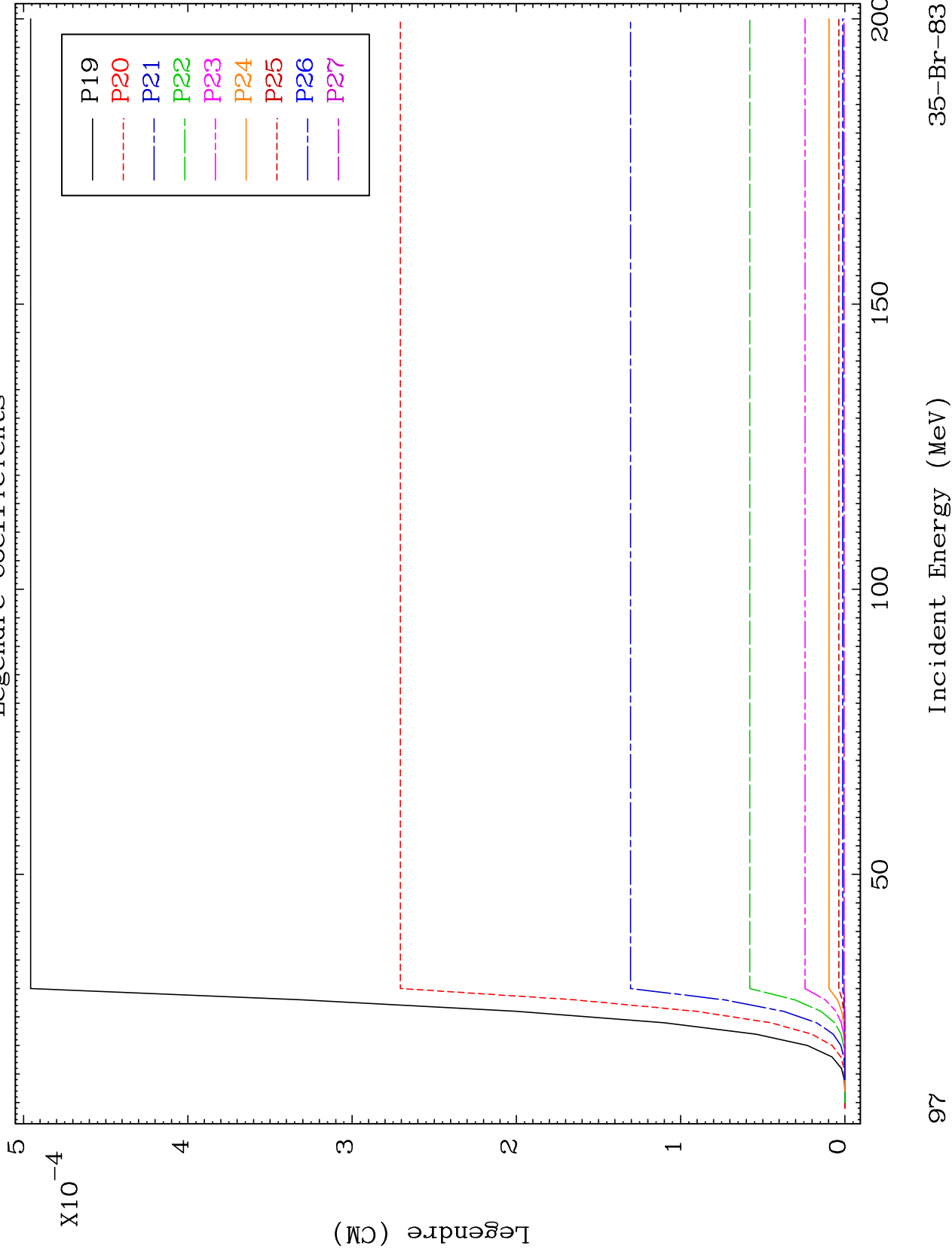
MAT 3537

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

35-Br-83



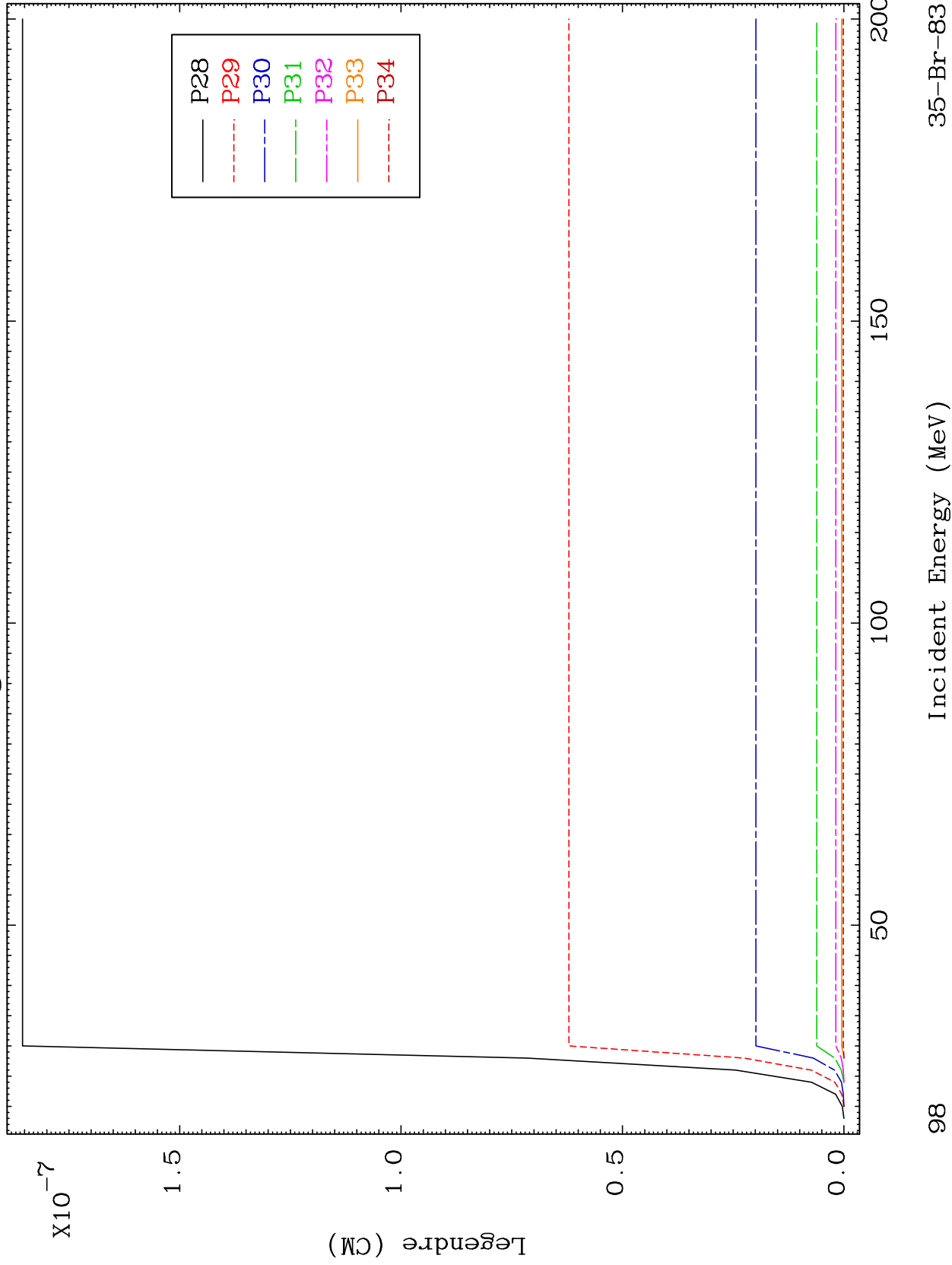




MAT 3537

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

35-Br-83



98

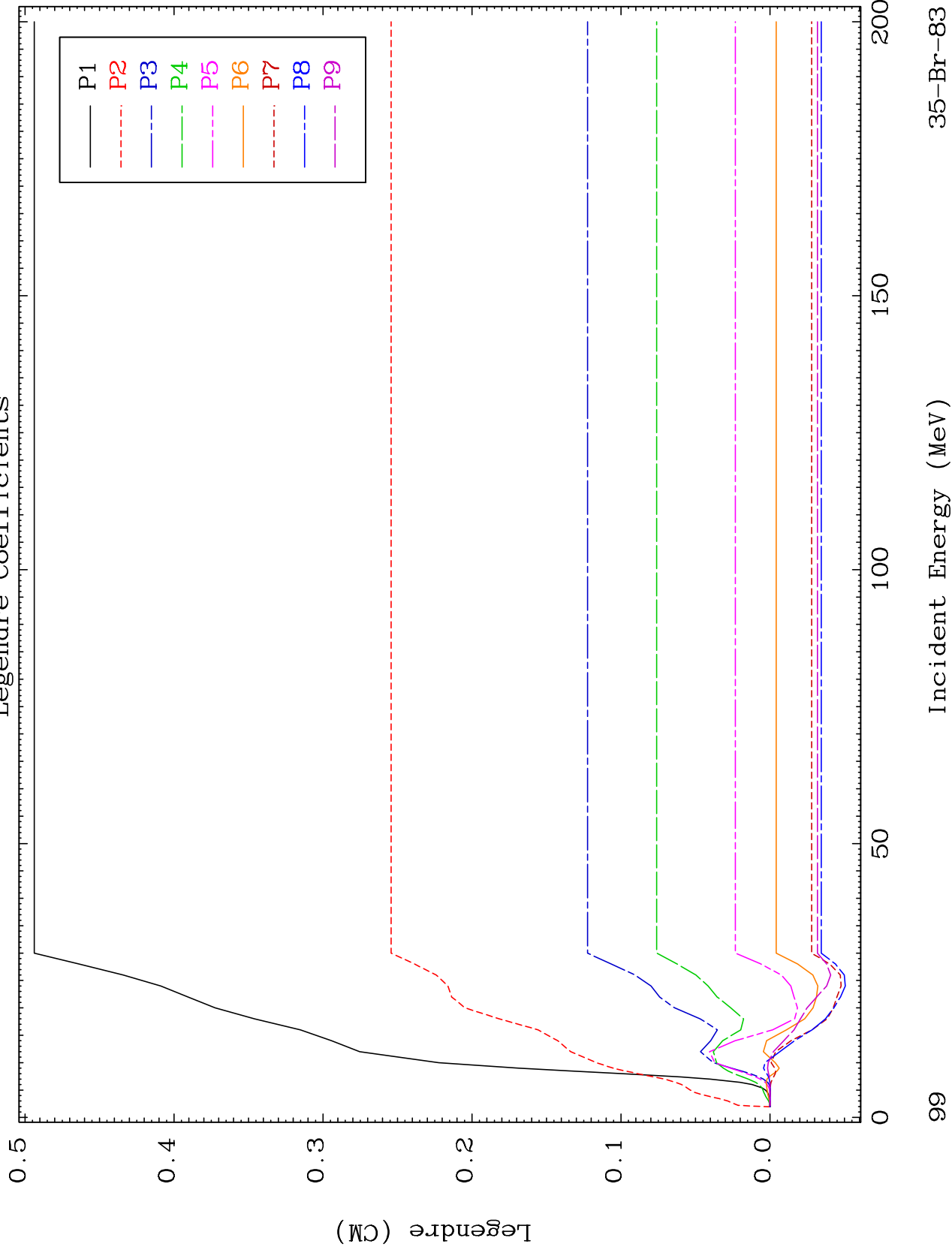
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



35-Br-83

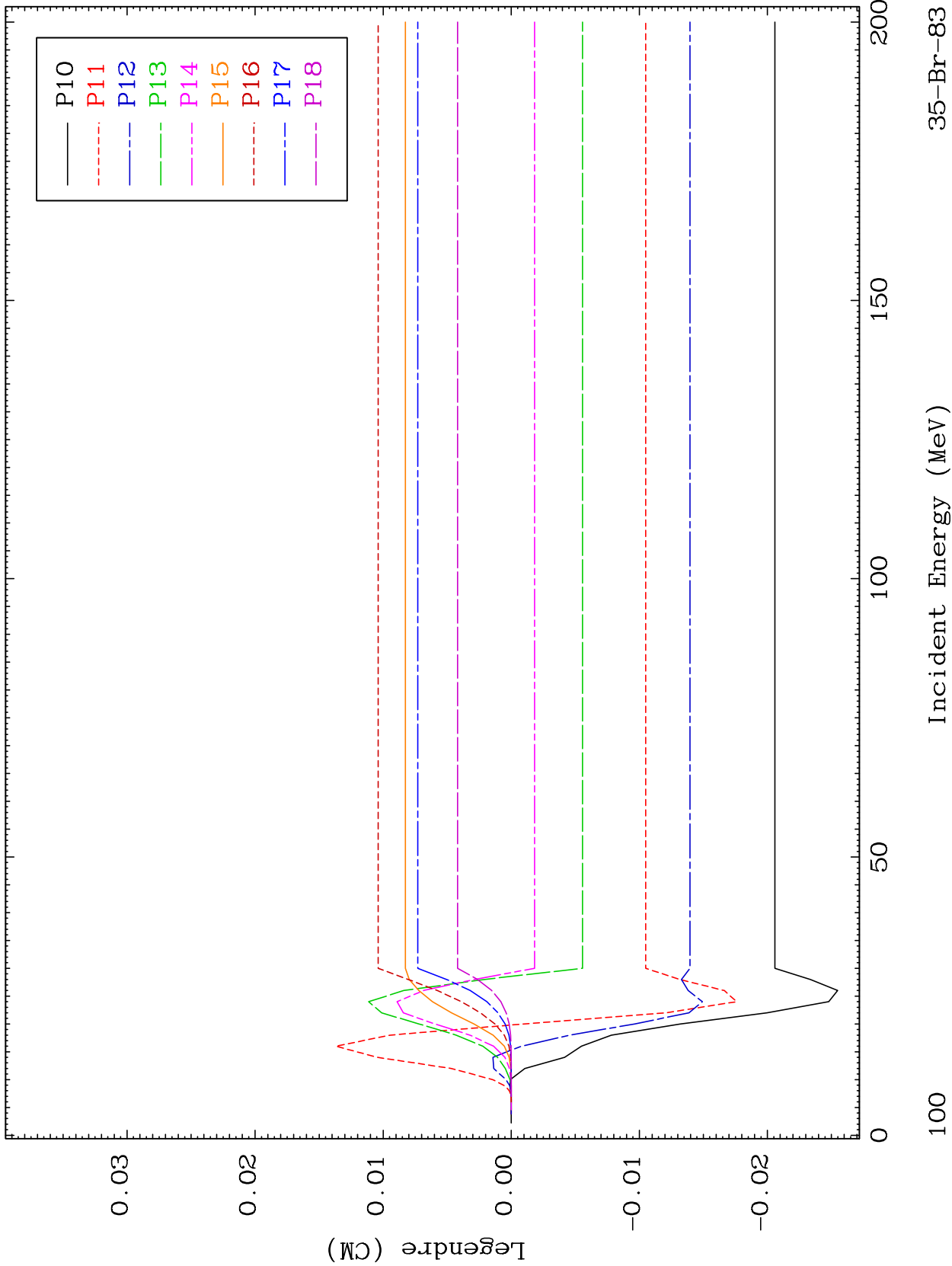
Incident Energy (MeV)

99

MAT 3537

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

35-Br-83



35-Br-83

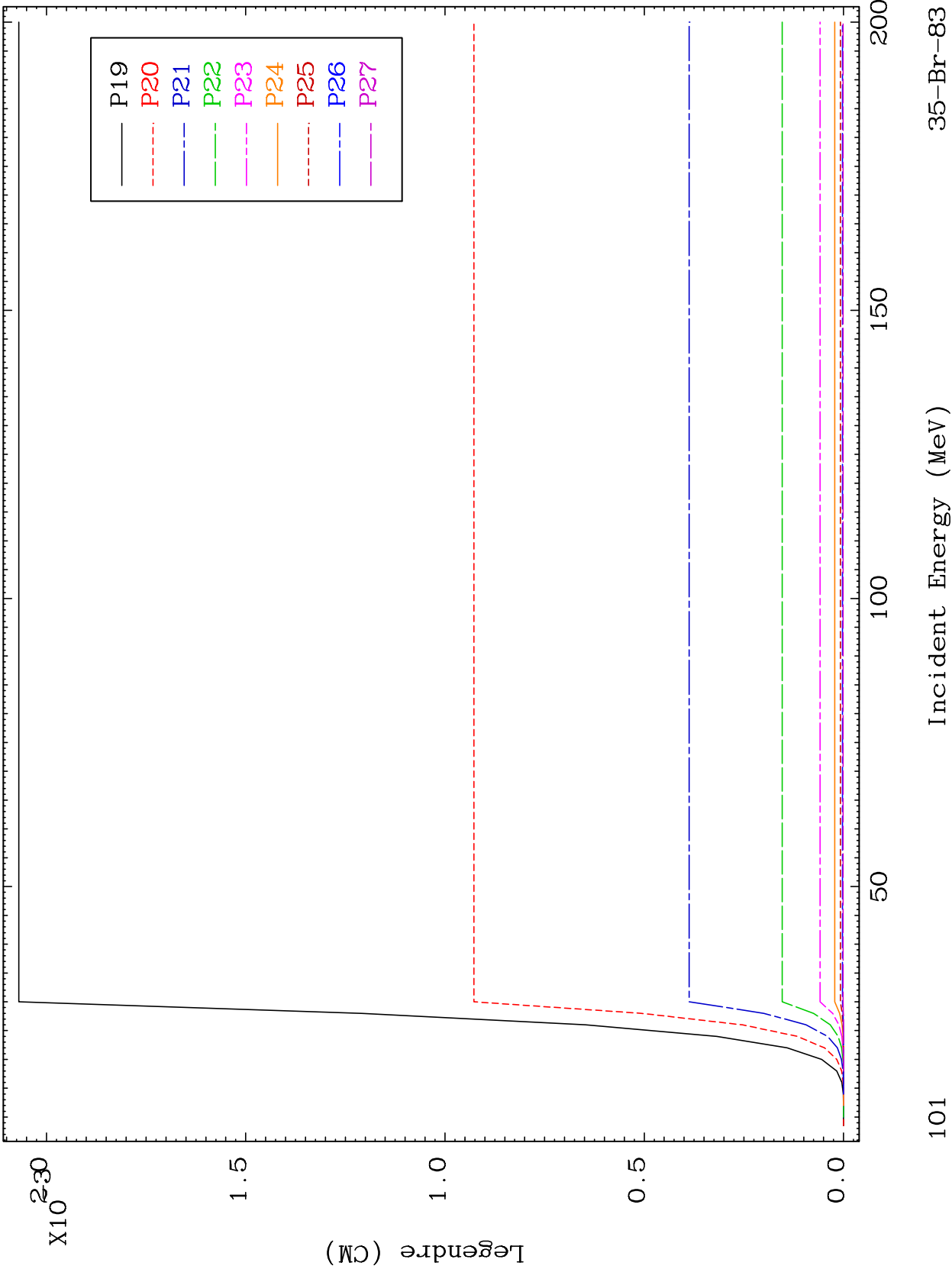
Incident Energy (MeV)

100

MAT 3537

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

35-Br-83



101

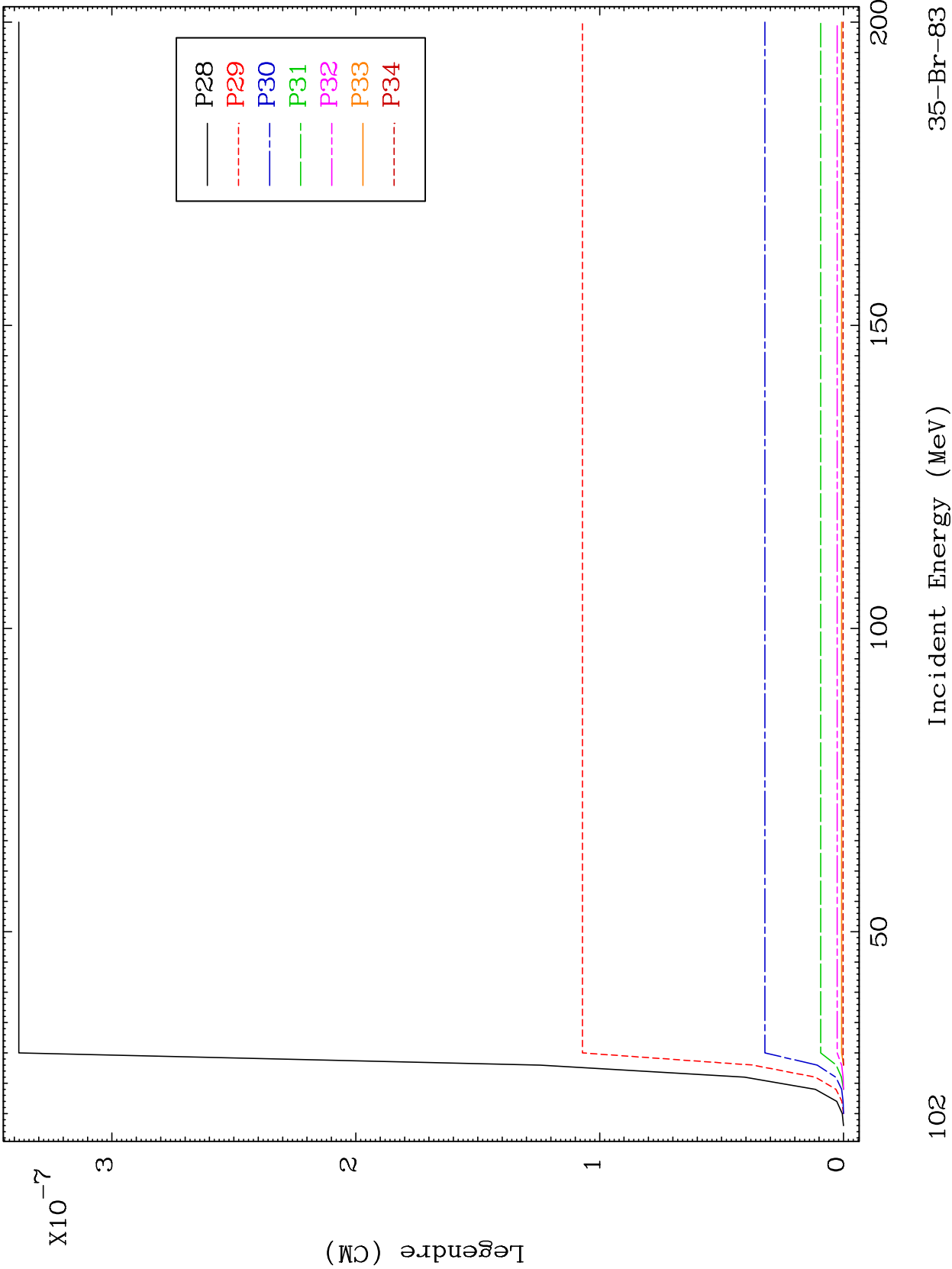
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



102

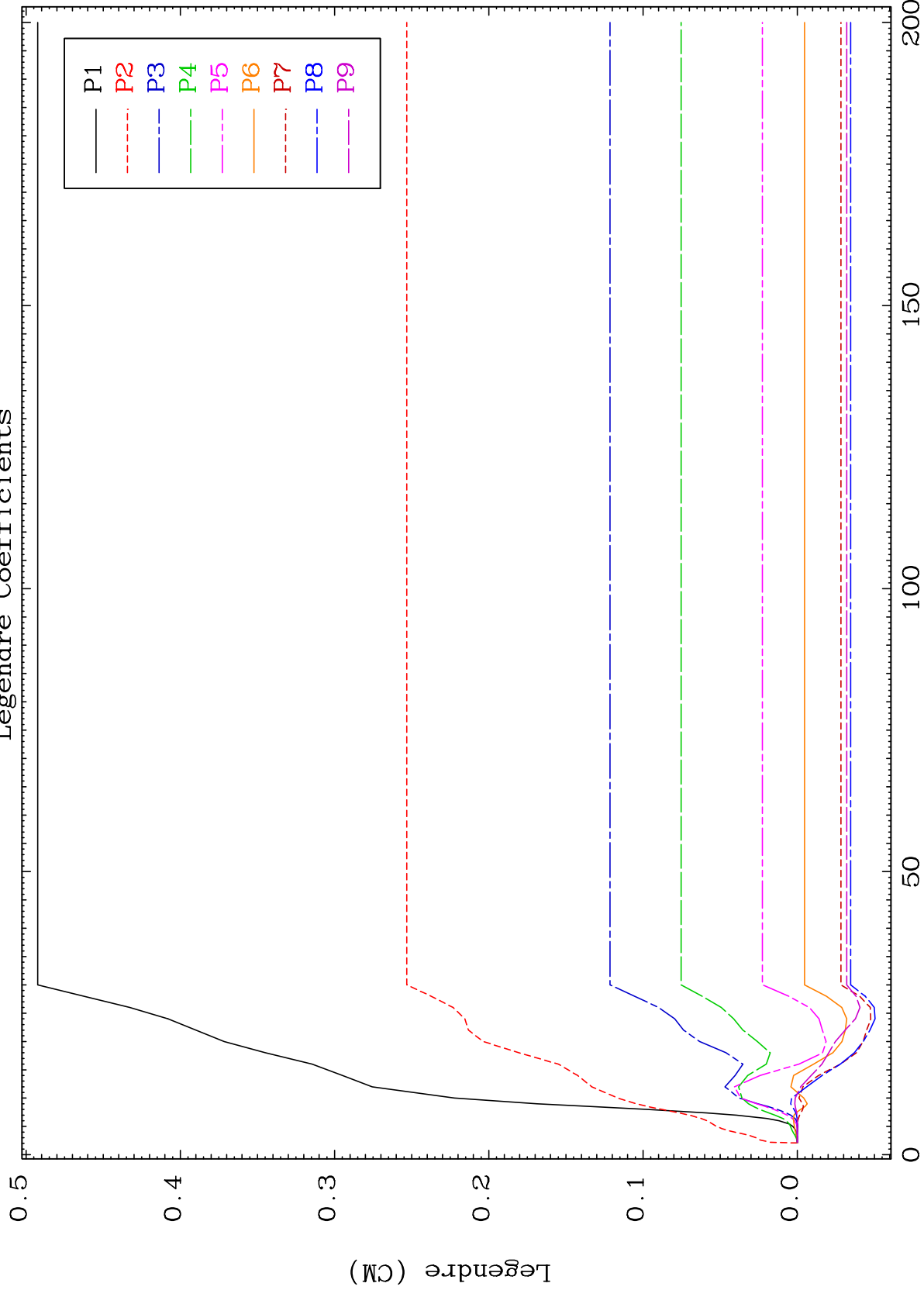
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



103

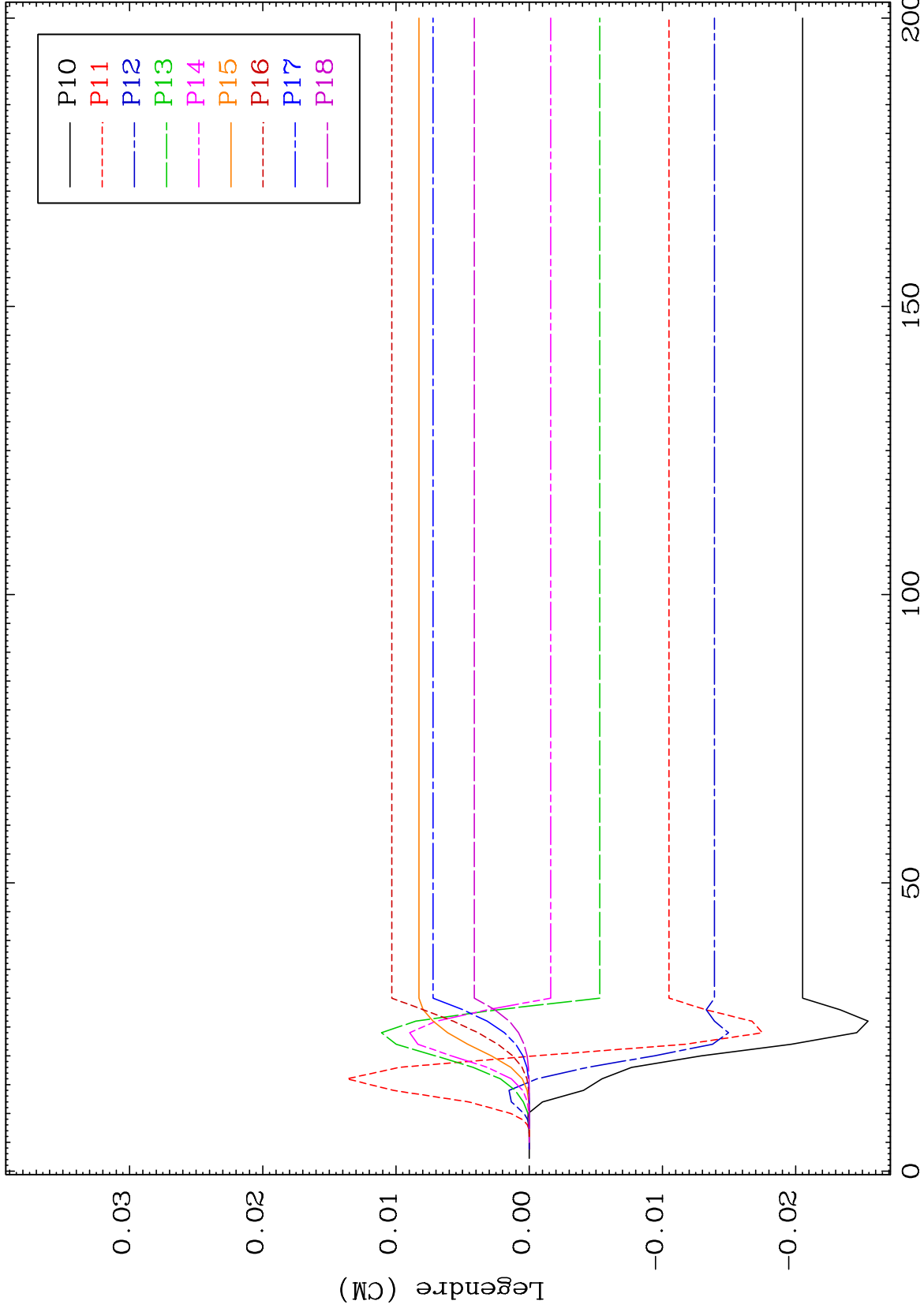
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



104

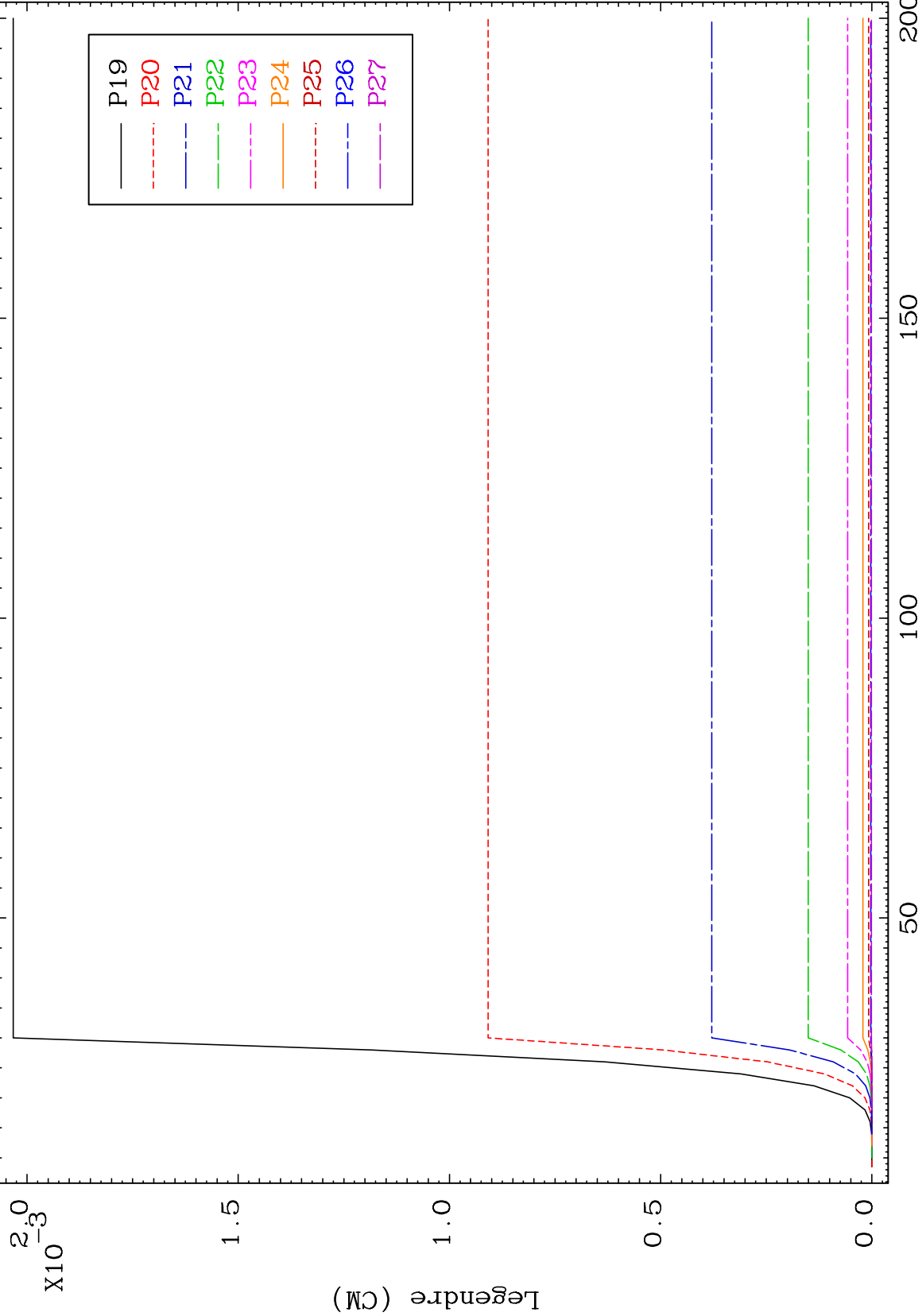
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



105

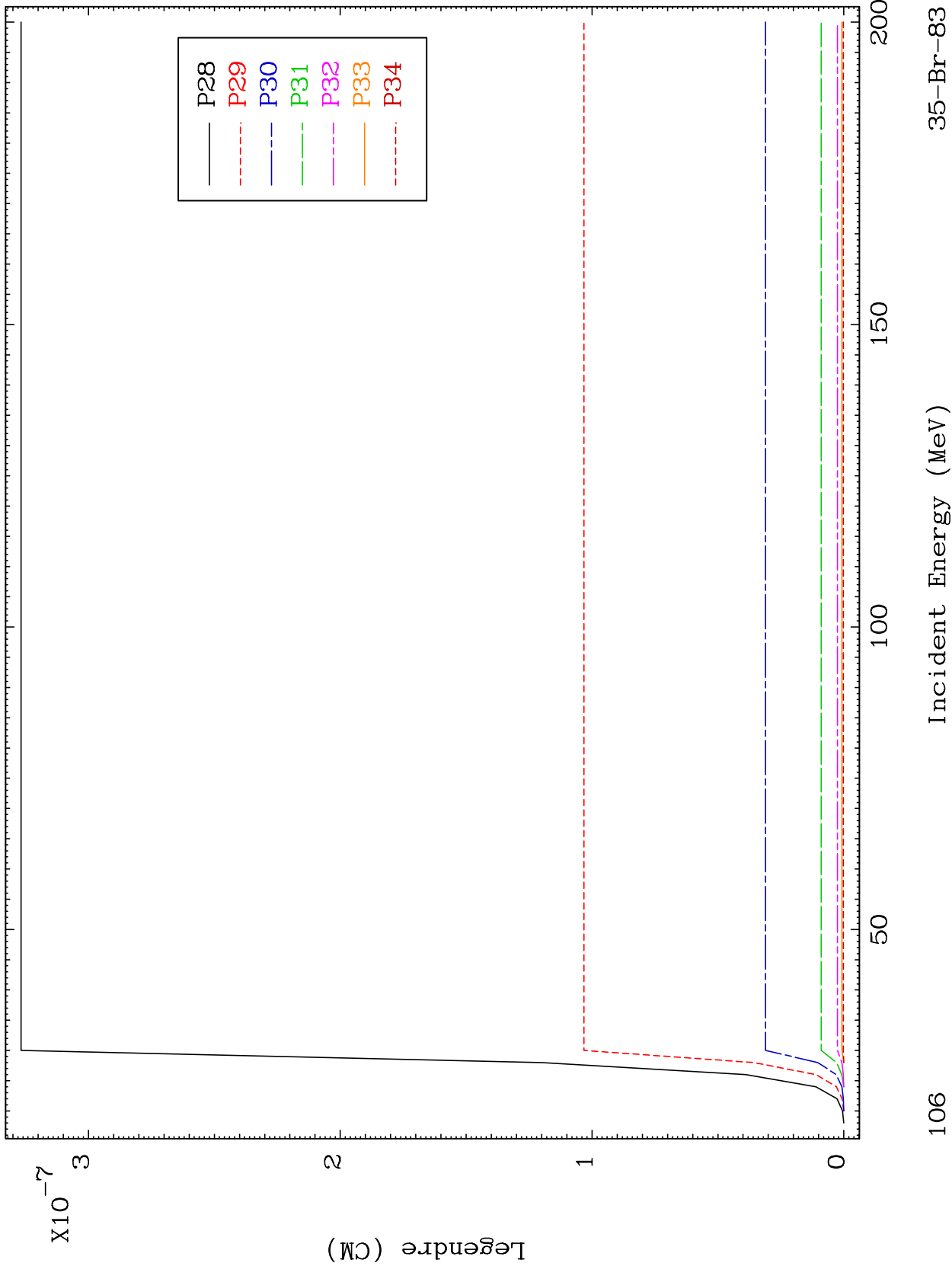
Incident Energy (MeV)

35-Br-83

MAT 3537

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

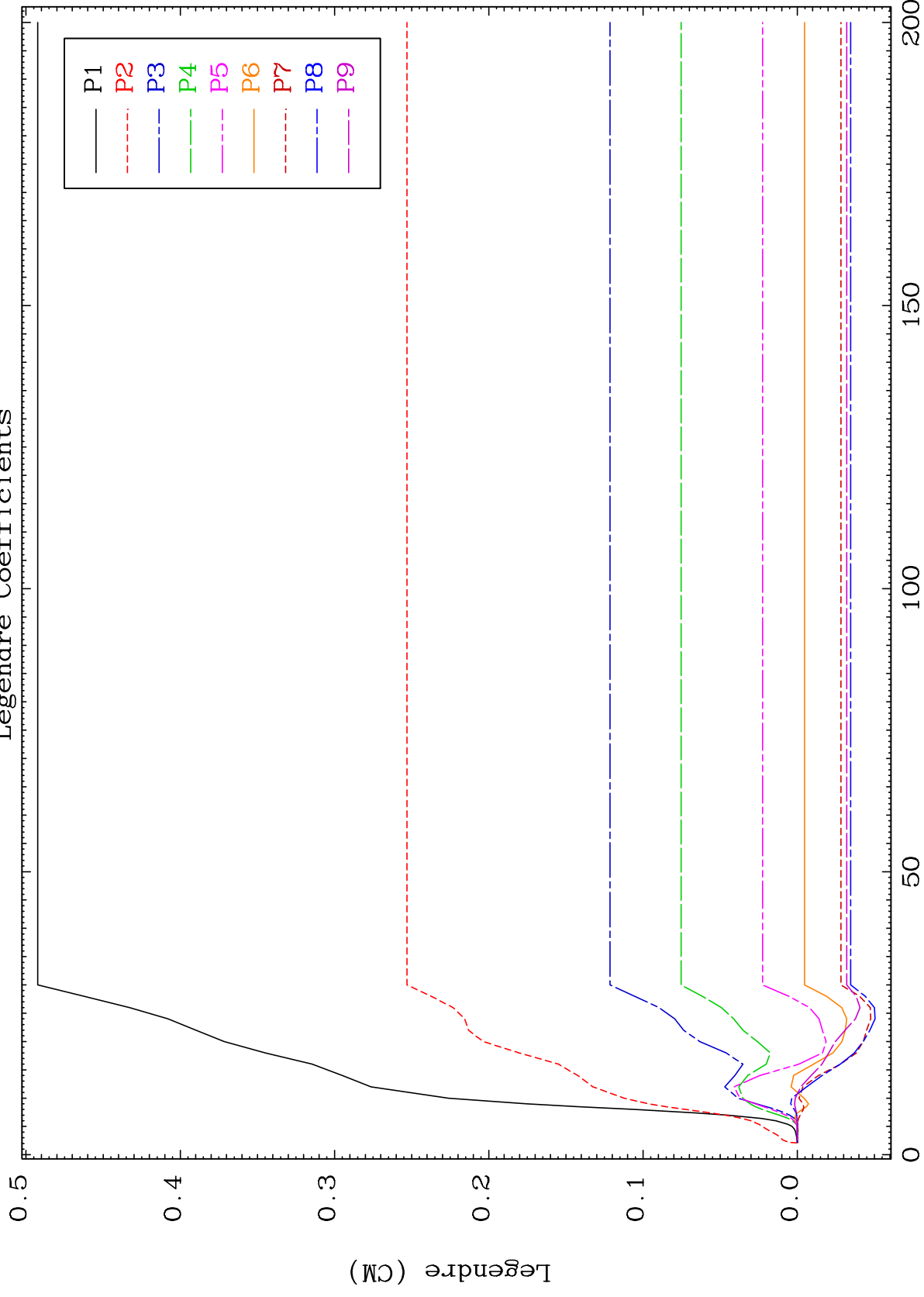
35-Br-83



MAT 3537

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

35-Br-83



107

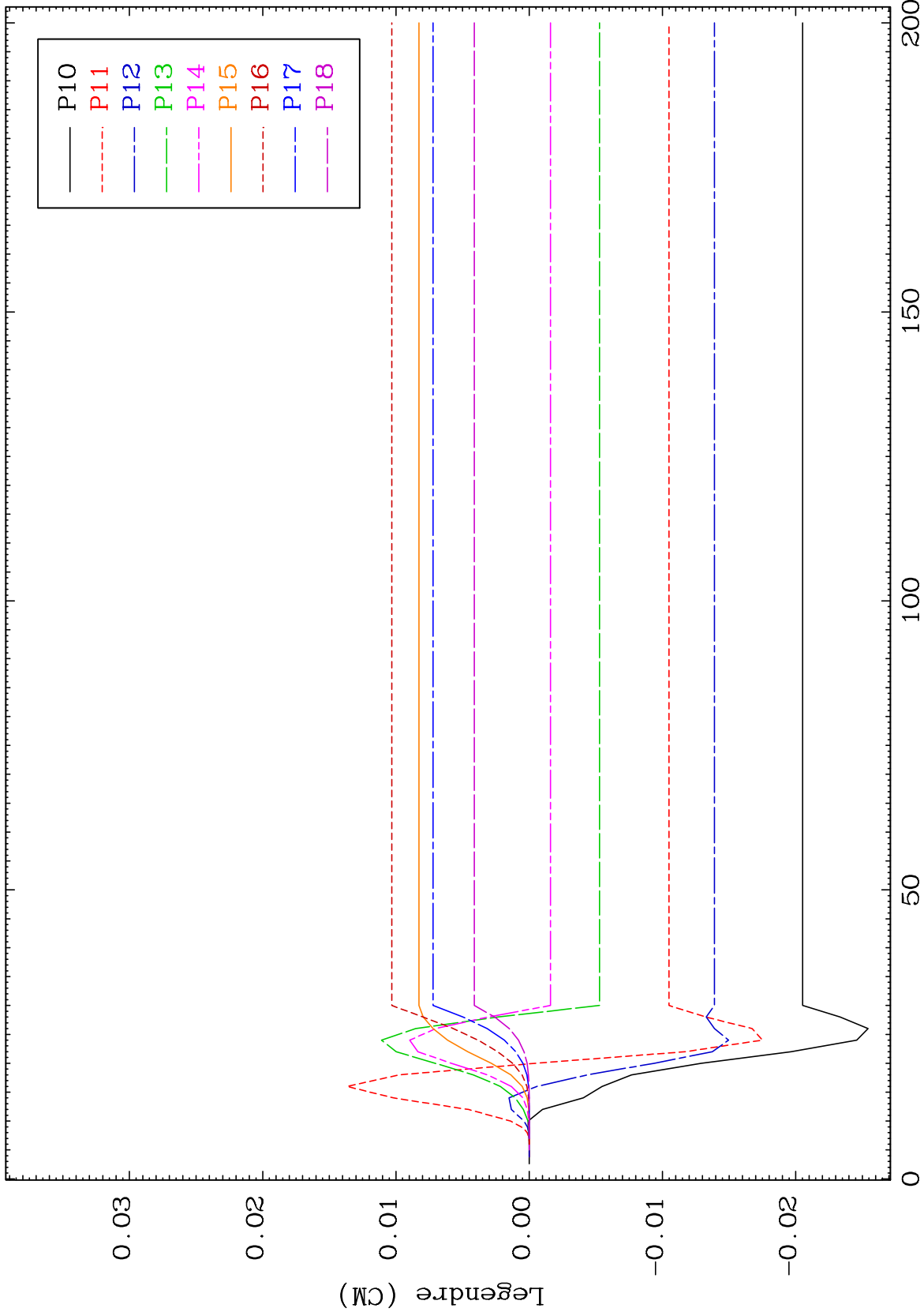
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



108

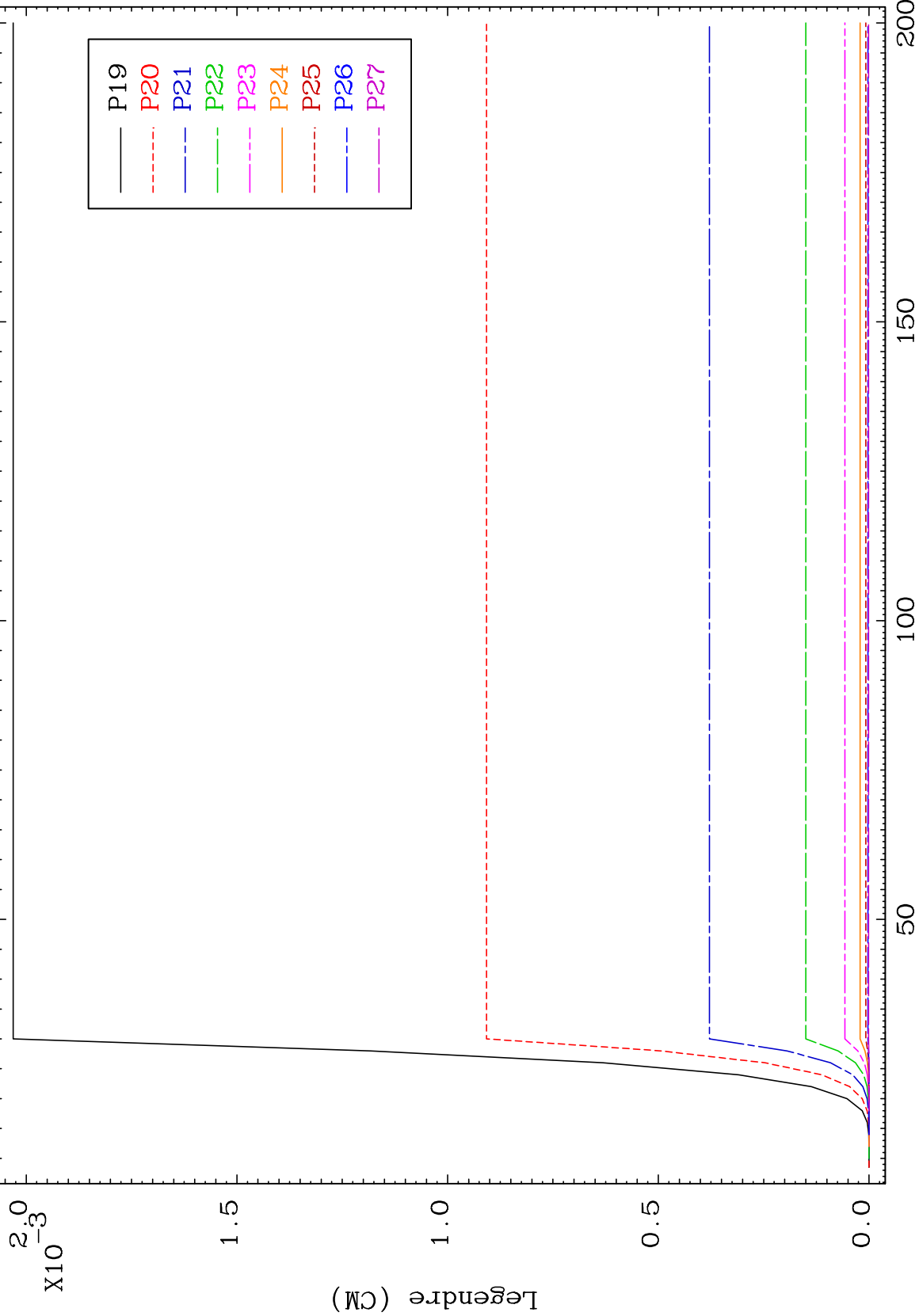
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



109

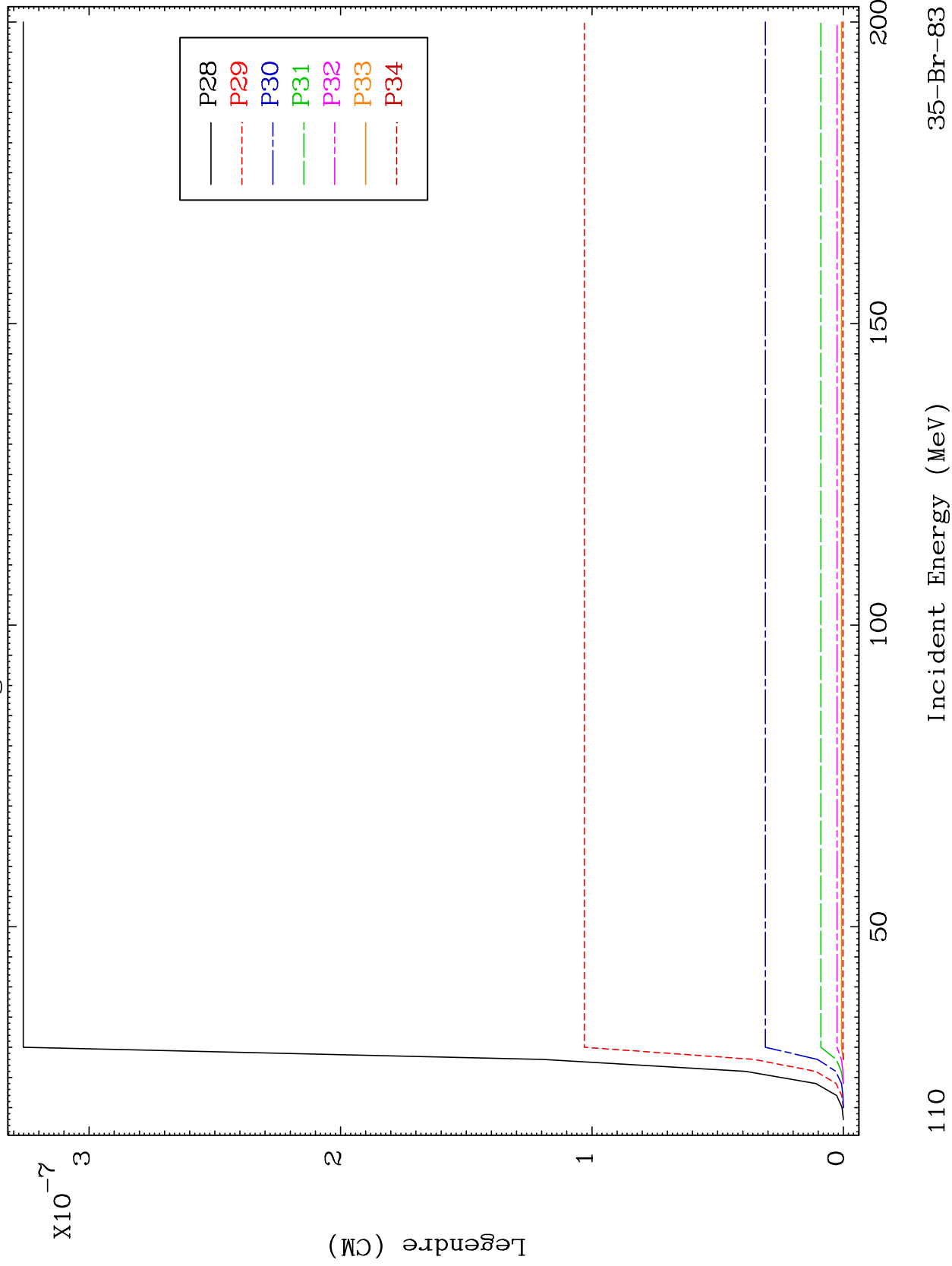
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



110

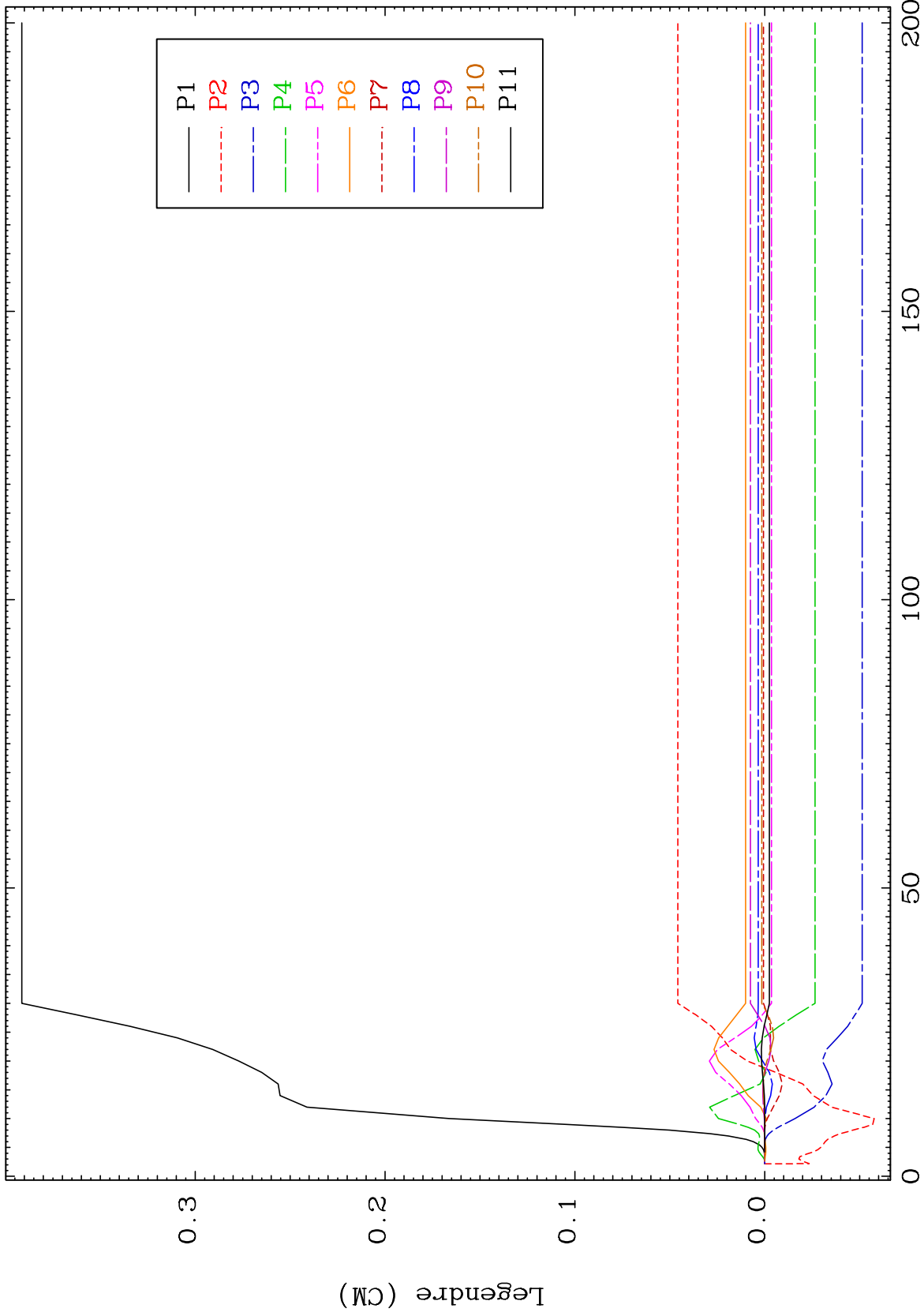
Incident Energy (MeV)

35-Br-83

MAT 3537

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

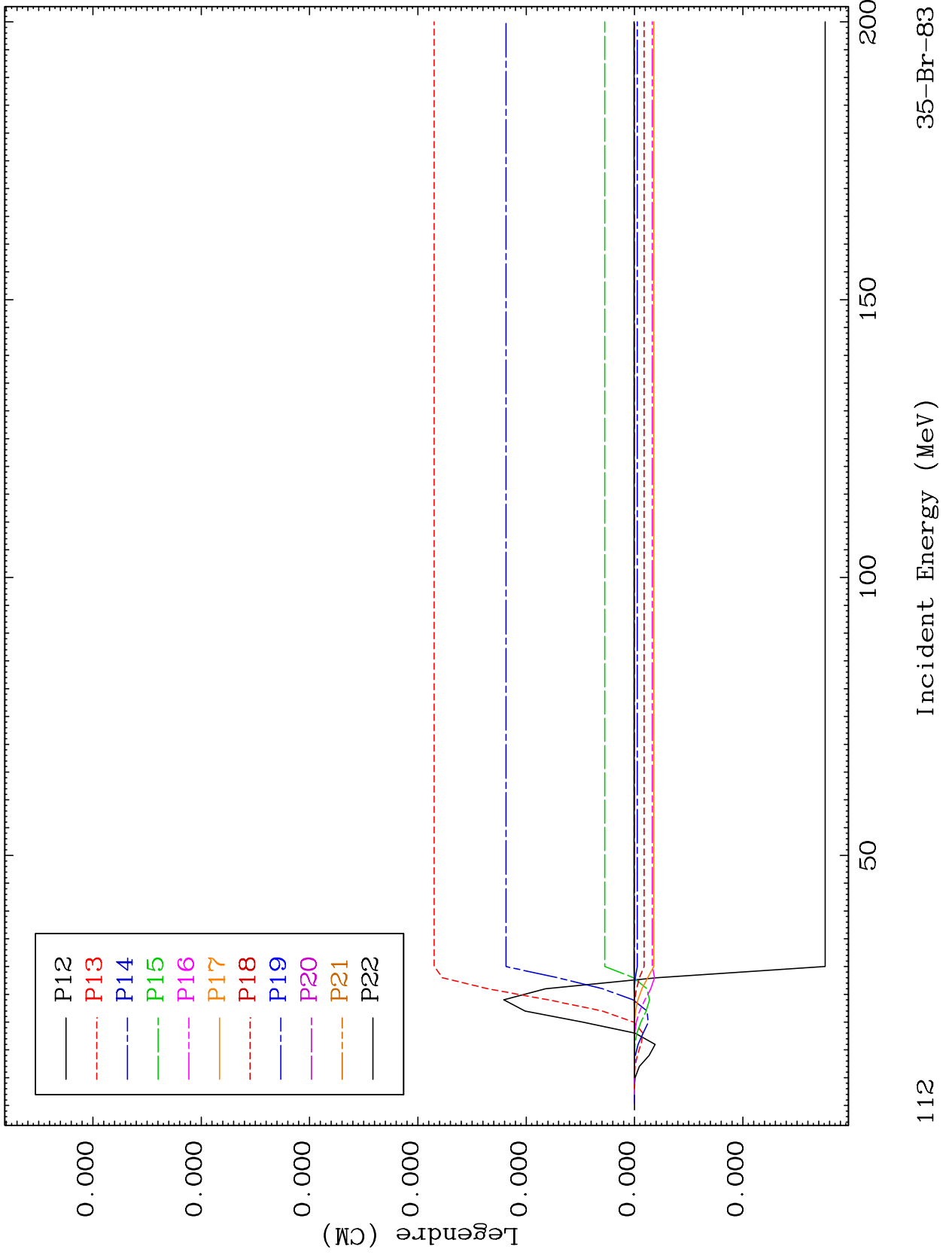
35-Br-83



111

Incident Energy (MeV)

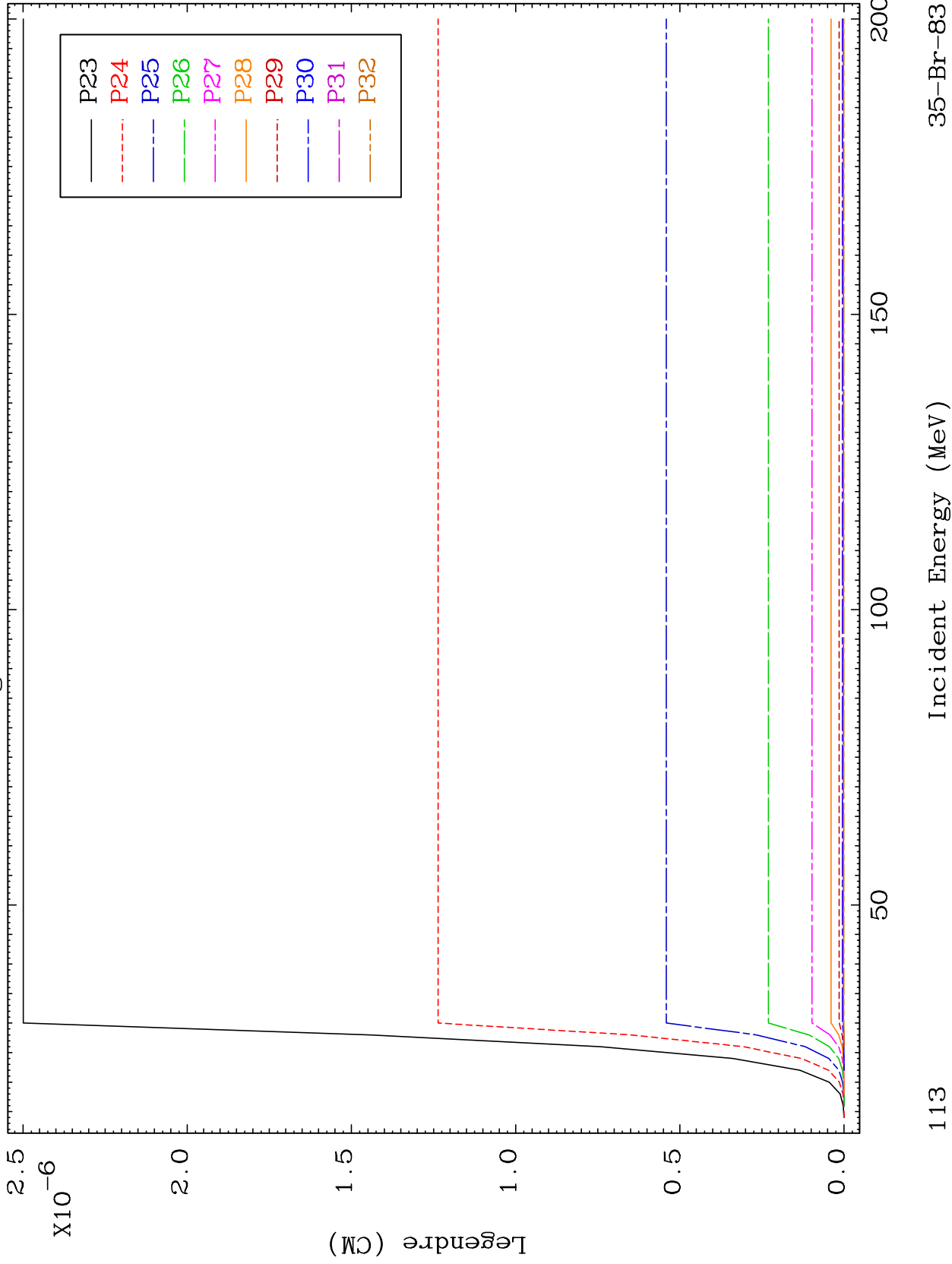
35-Br-83



MAT 3537

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

35-Br-83



113

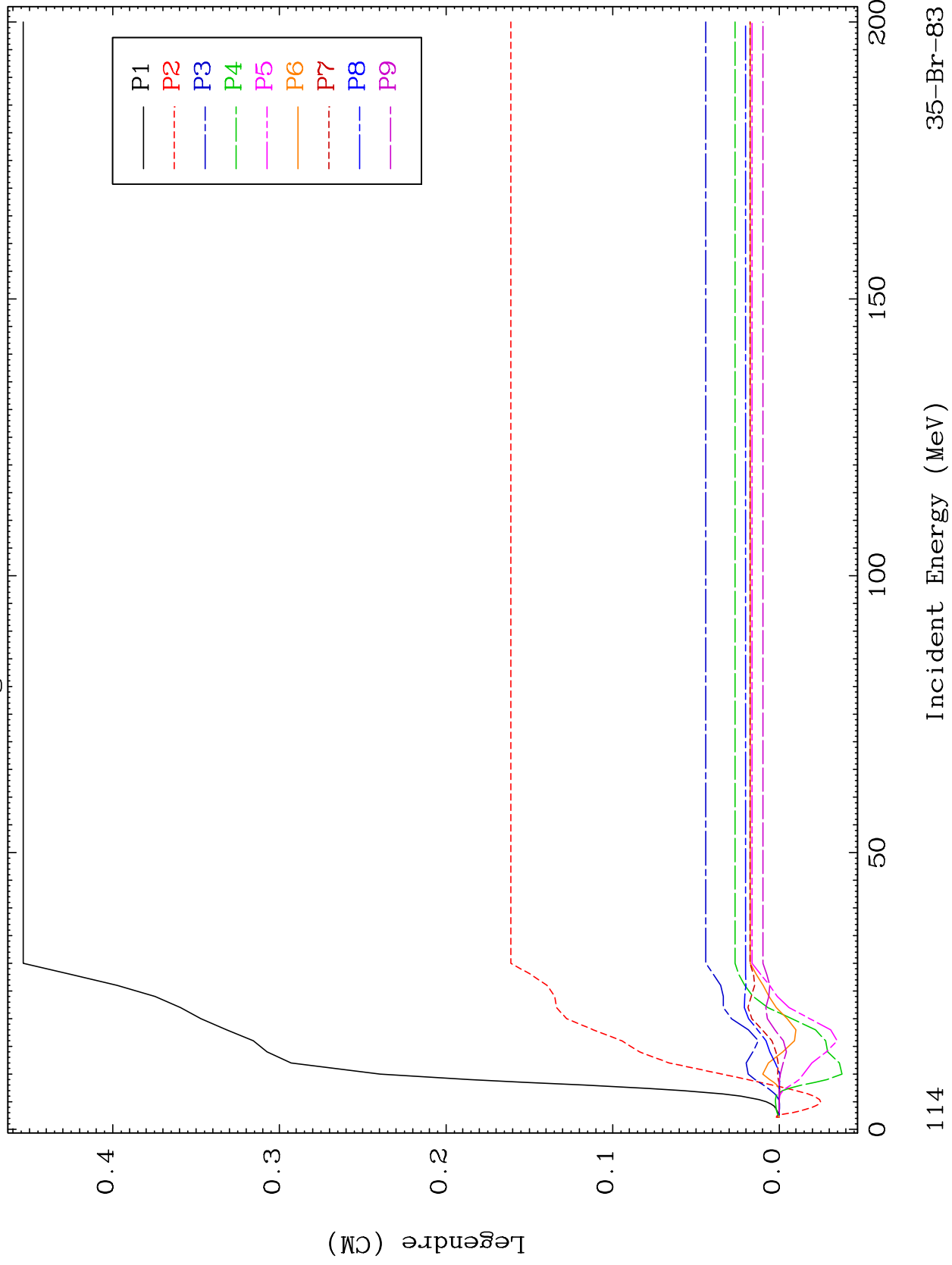
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



35-Br-83

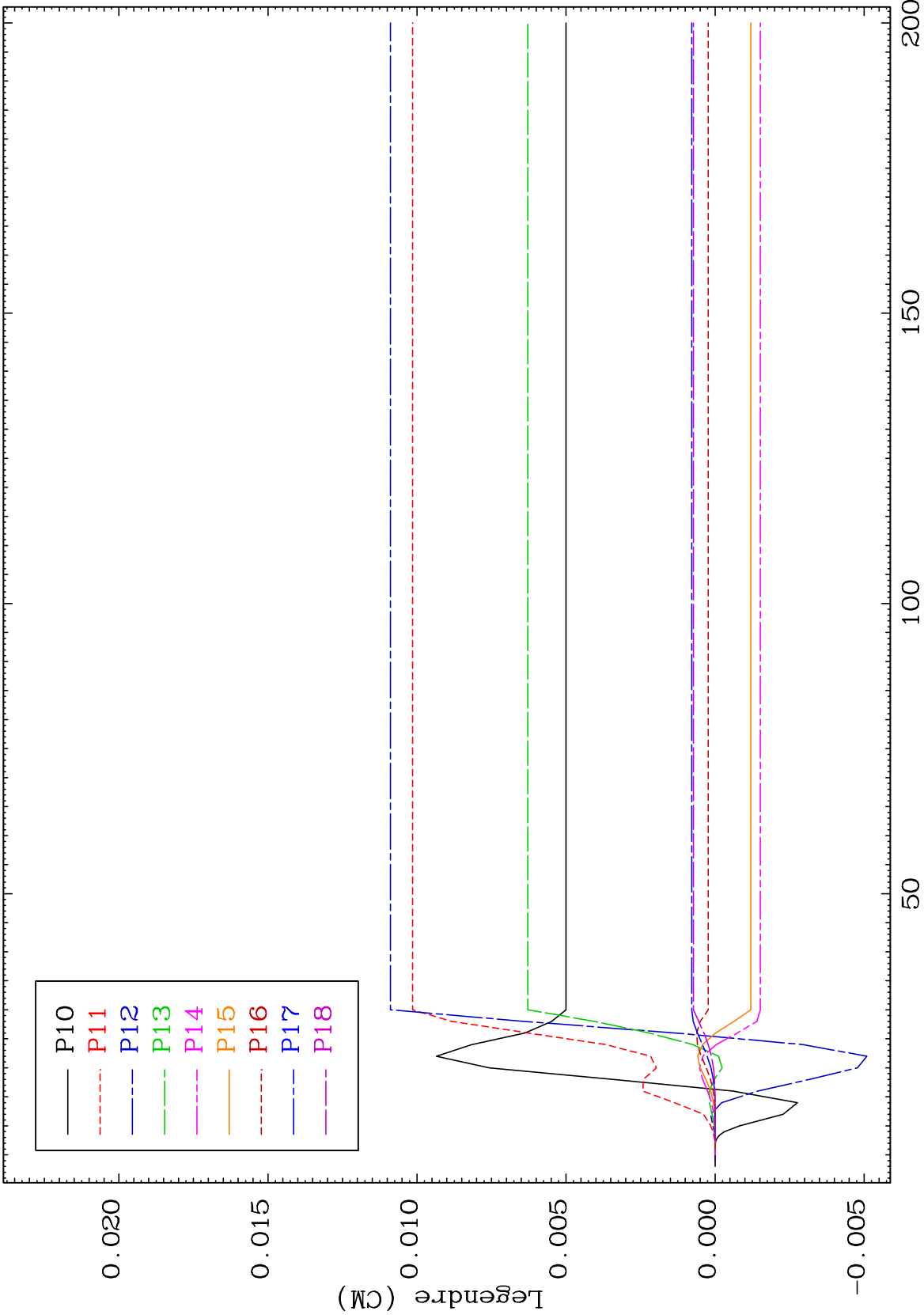
Incident Energy (MeV)

114

MAT 3537

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

35-Br-83



35-Br-83

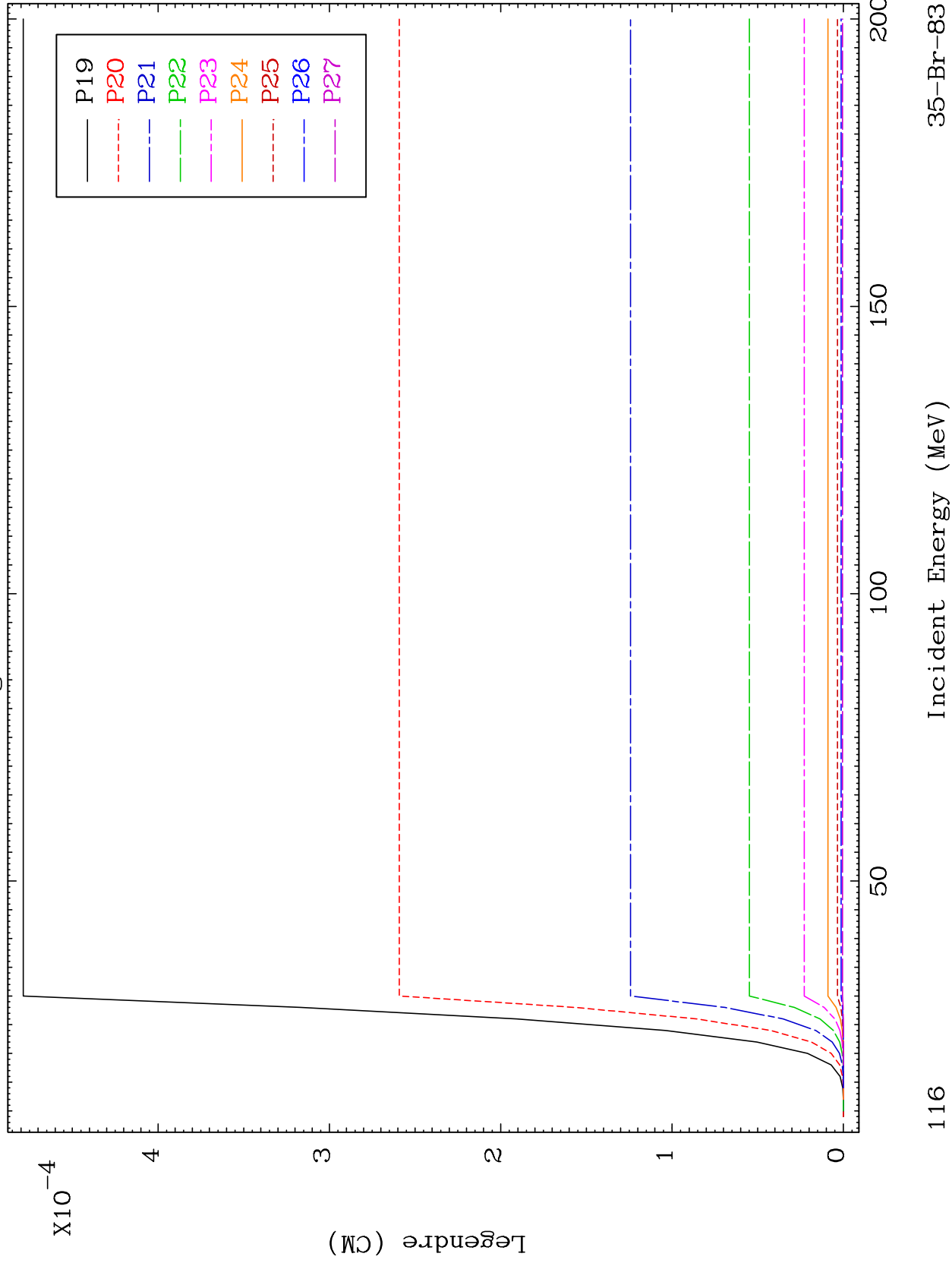
Incident Energy (MeV)

115

MAT 3537

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

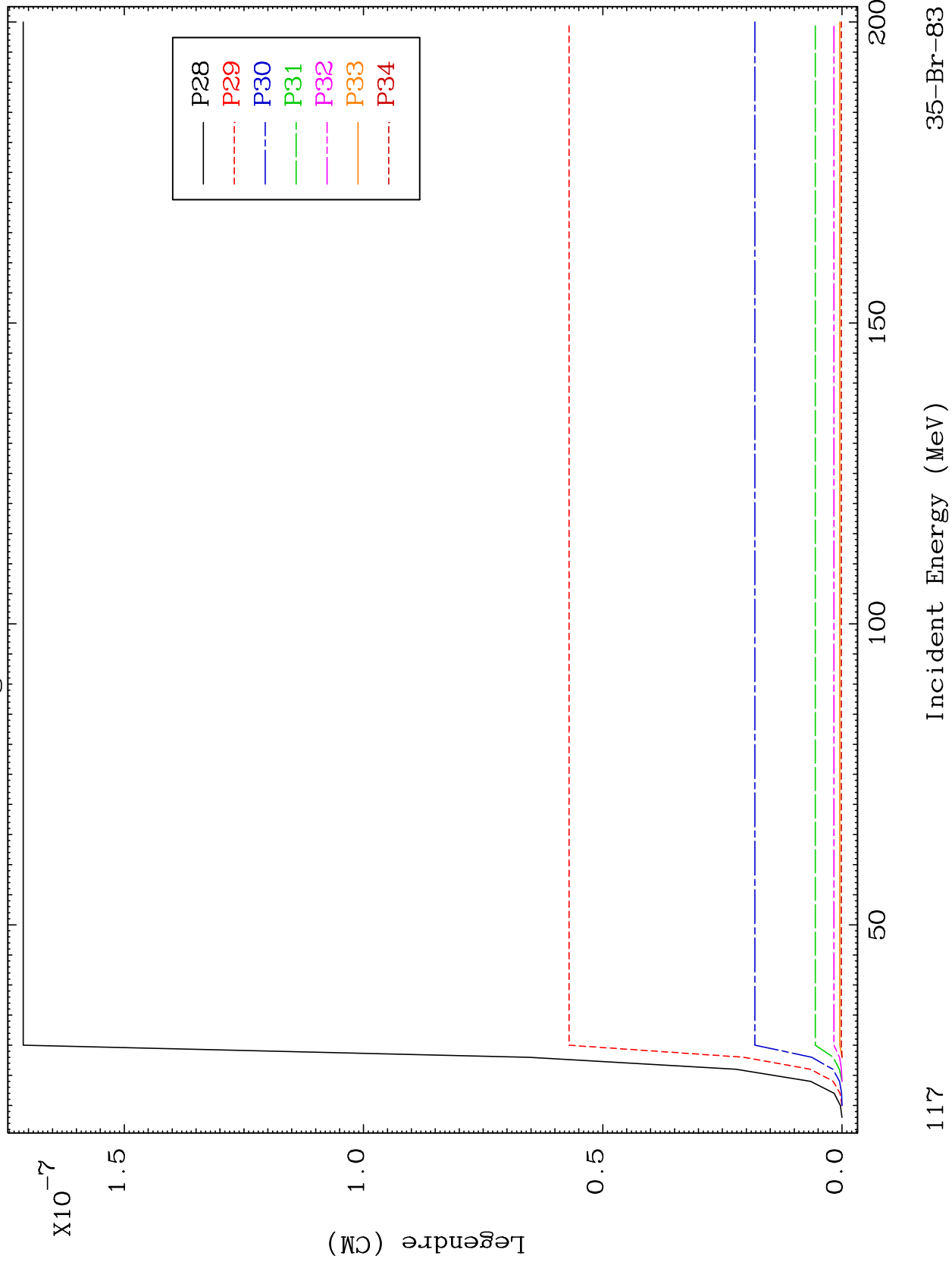
35-Br-83



MAT 3537

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

35-Br-83



117

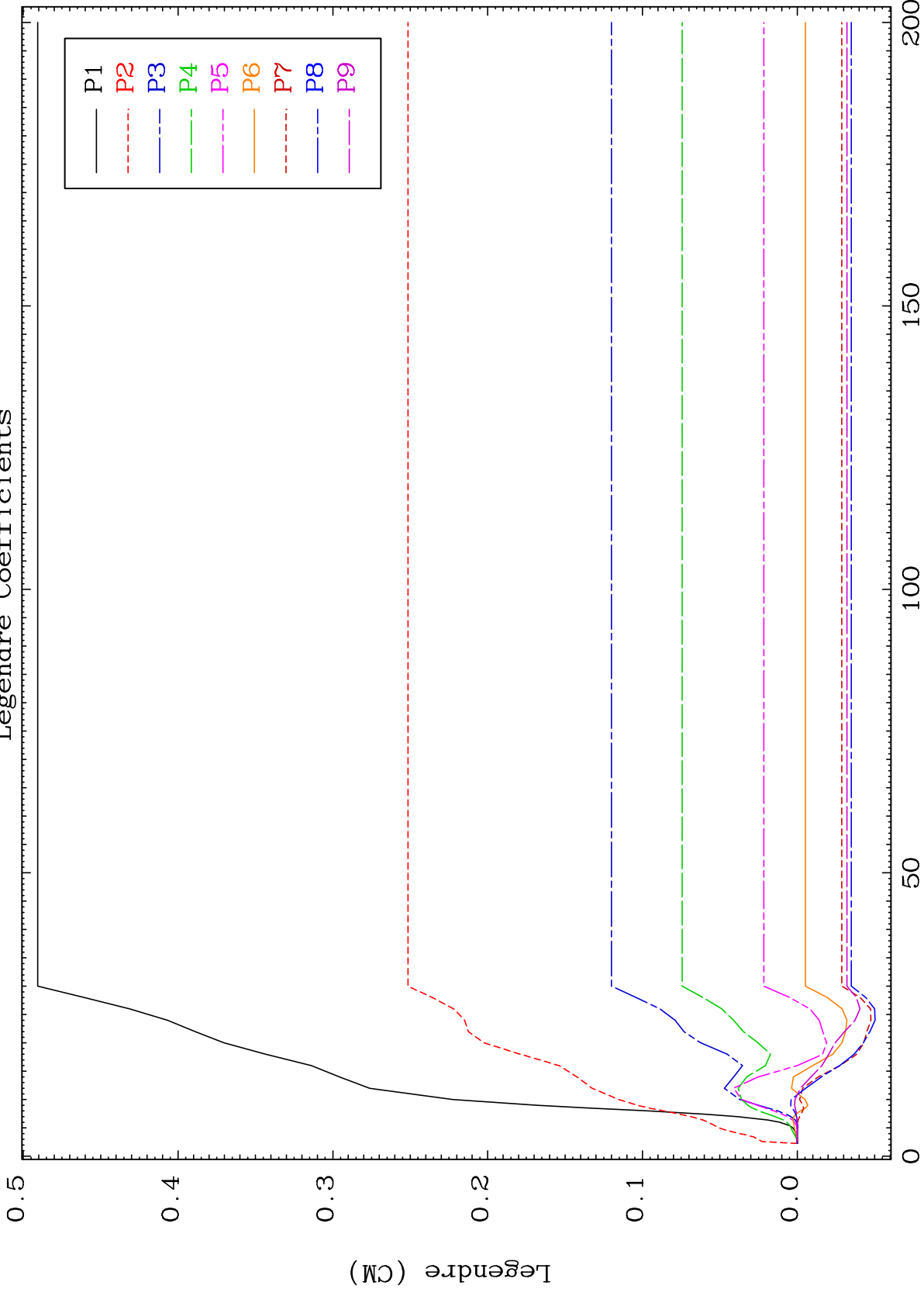
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



118

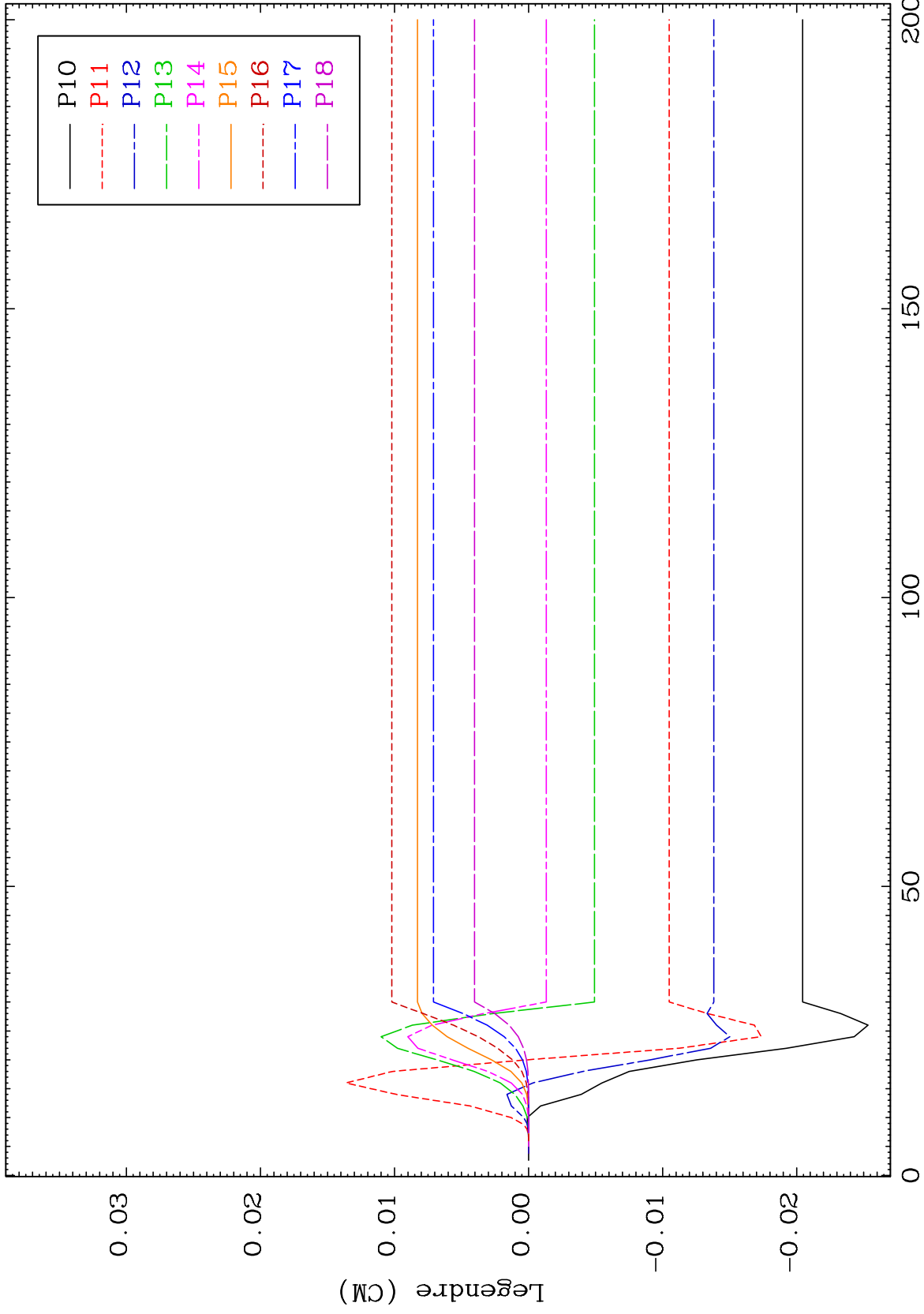
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



119

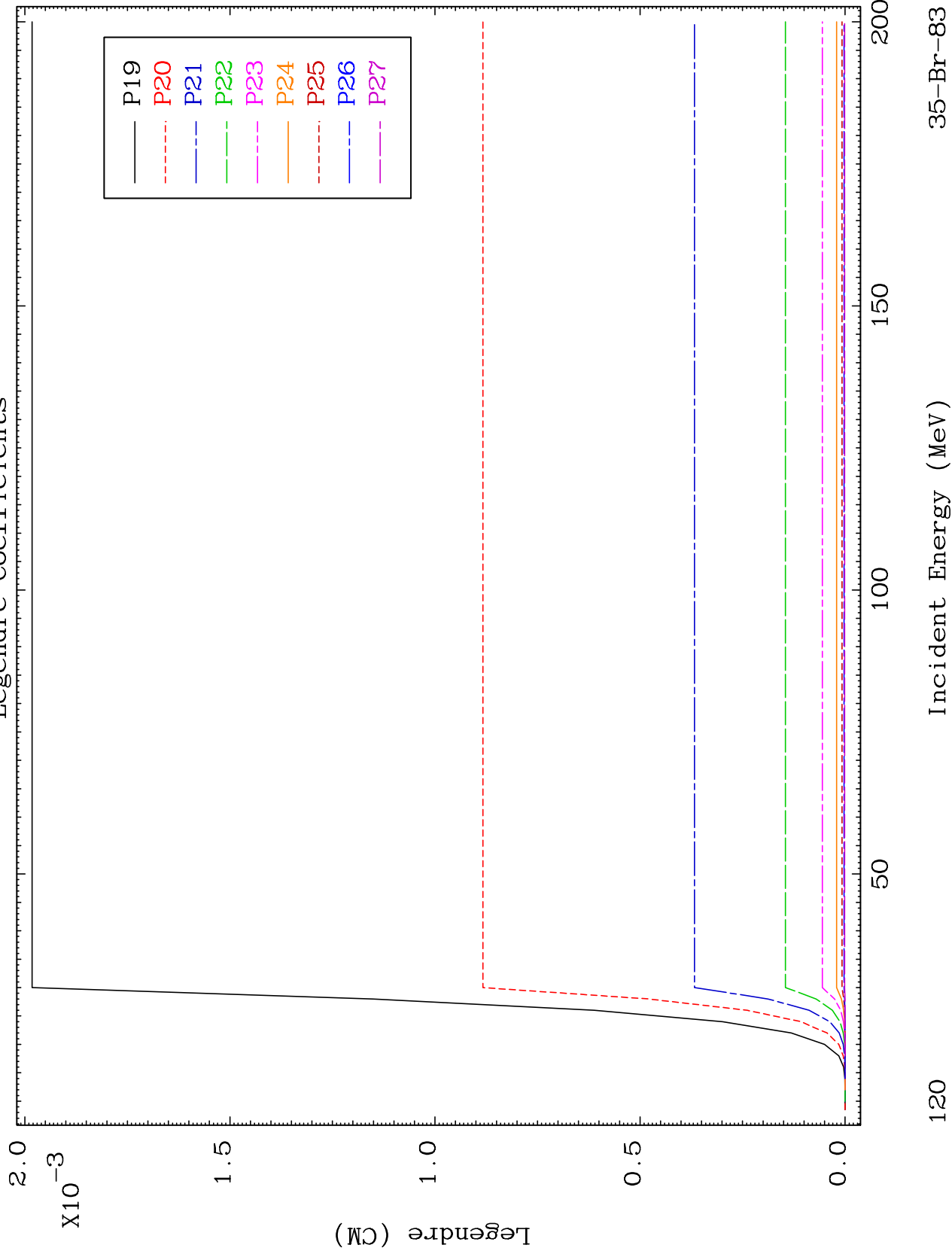
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



120

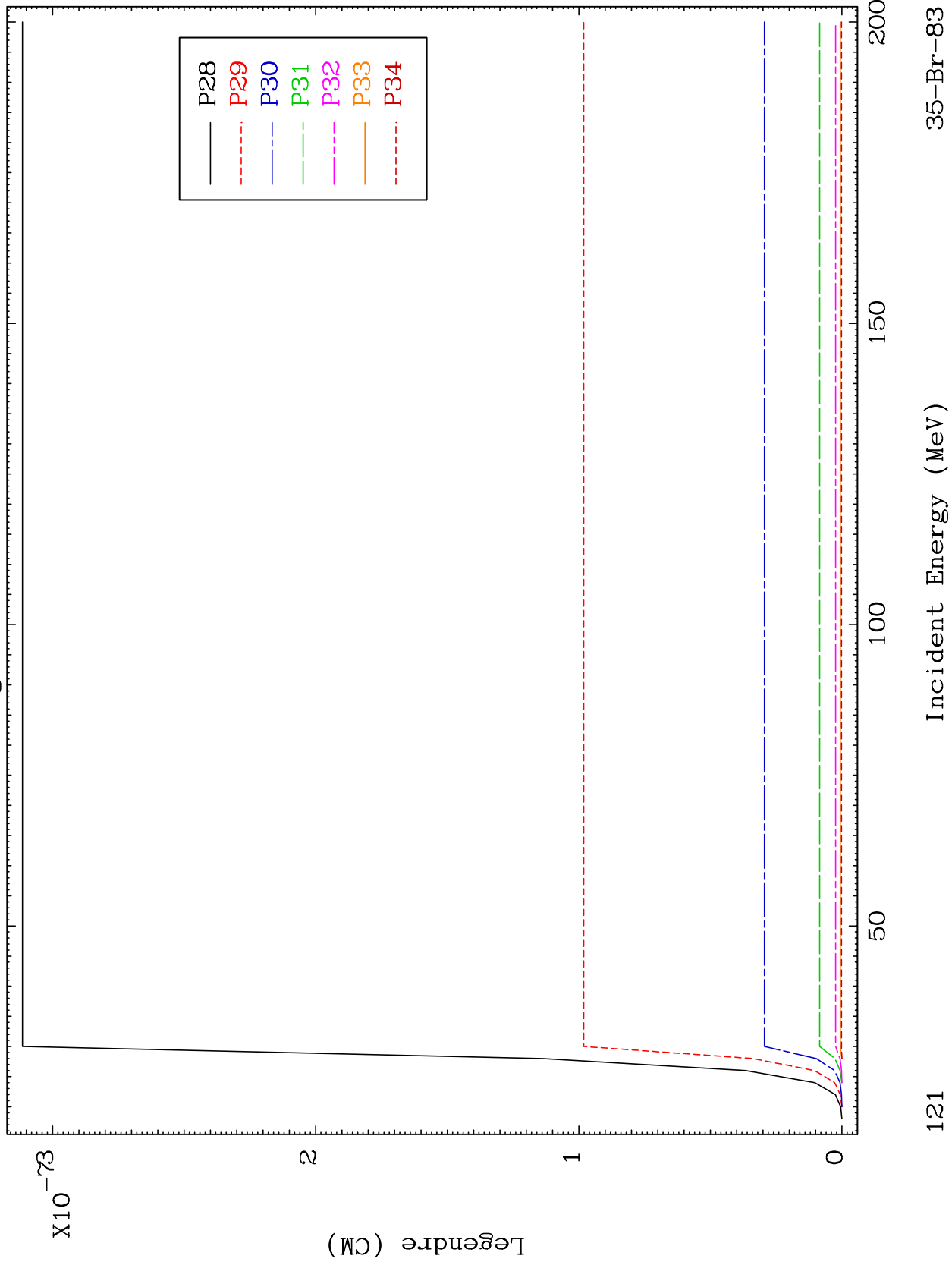
Incident Energy (MeV)

35-Br-83

MAT 3537

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

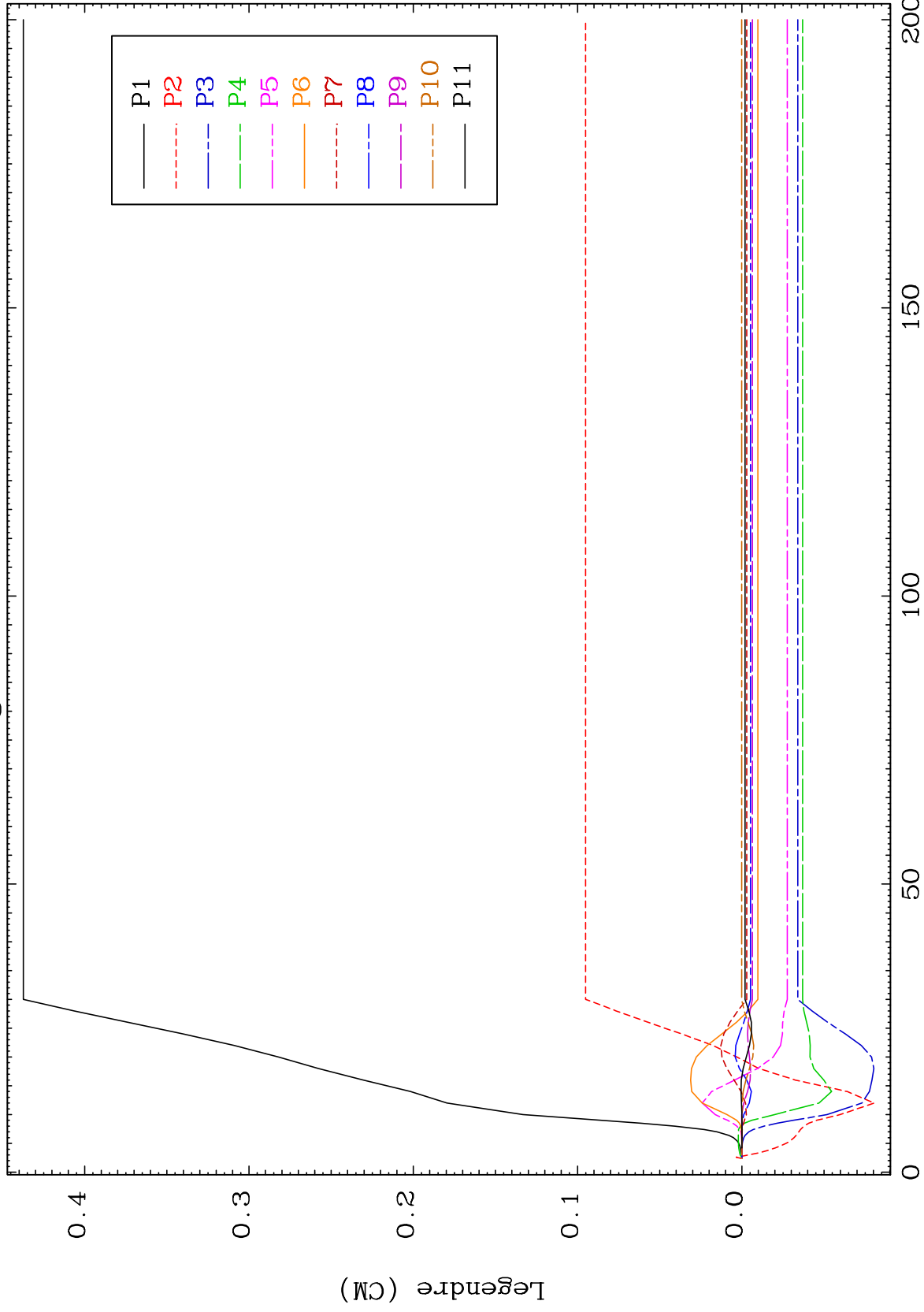
35-Br-83



MAT 3537

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

35-Br-83



122

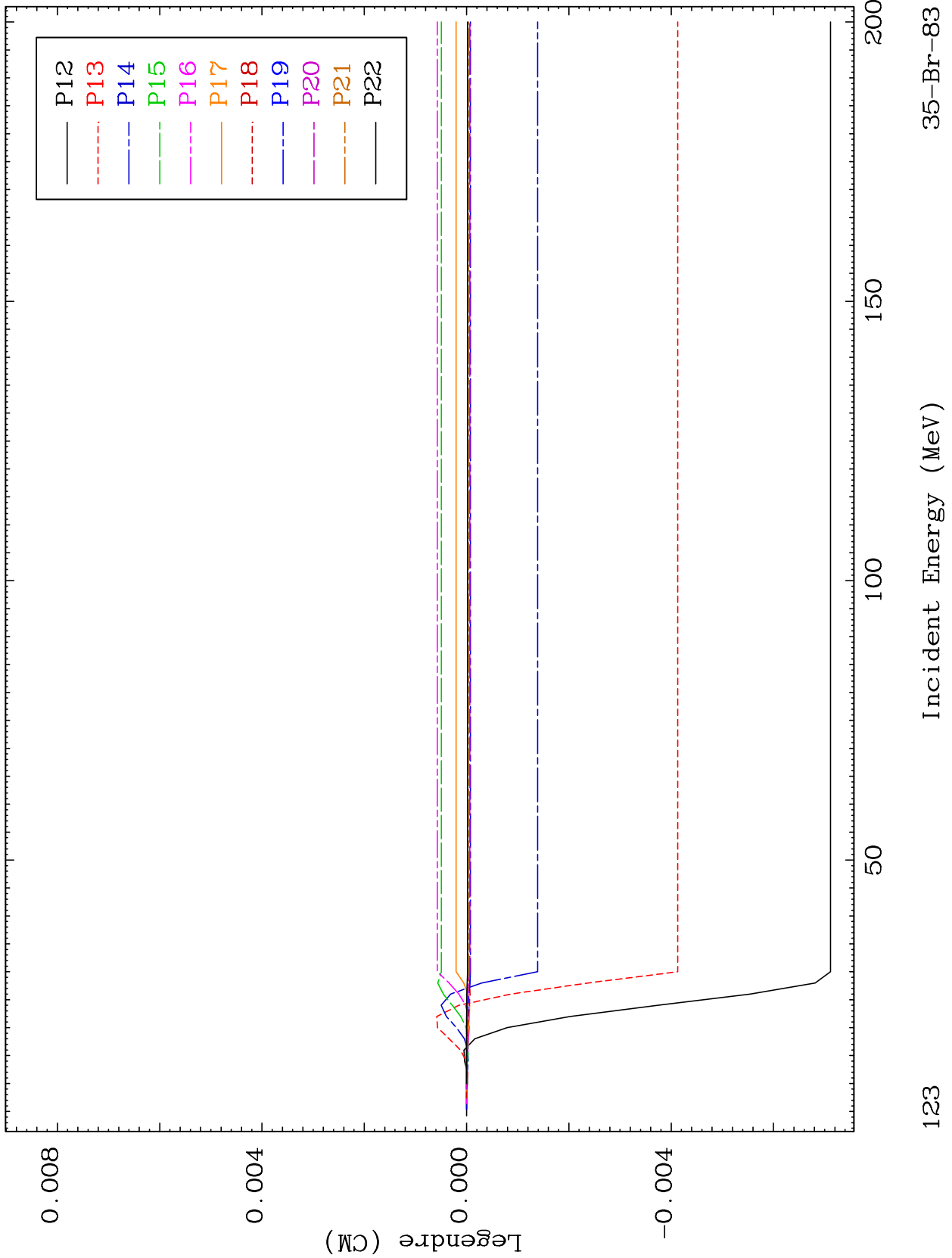
Incident Energy (MeV)

35-Br-83

MAT 3537

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

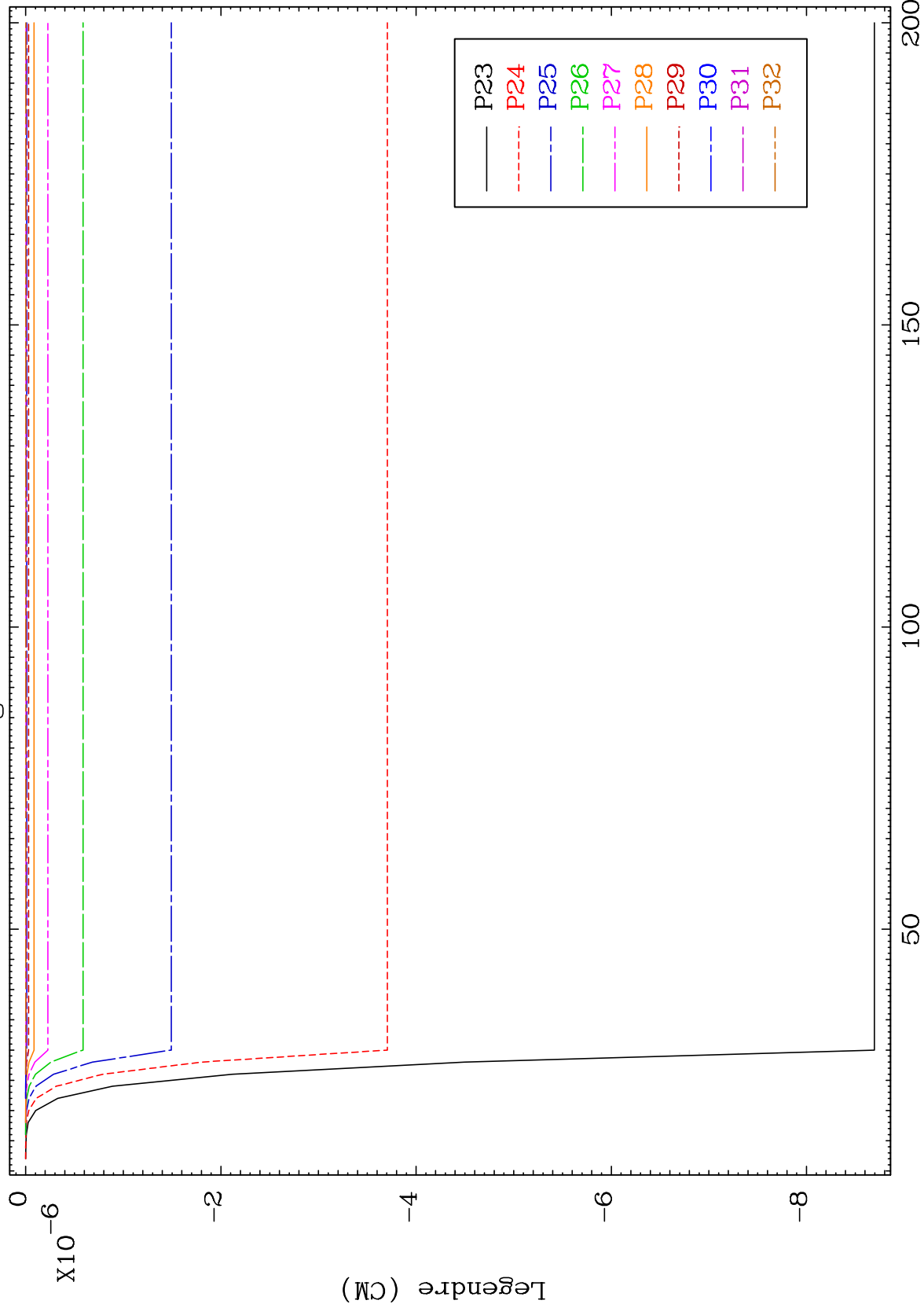
35-Br-83



MAT 3537

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

35-Br-83



124

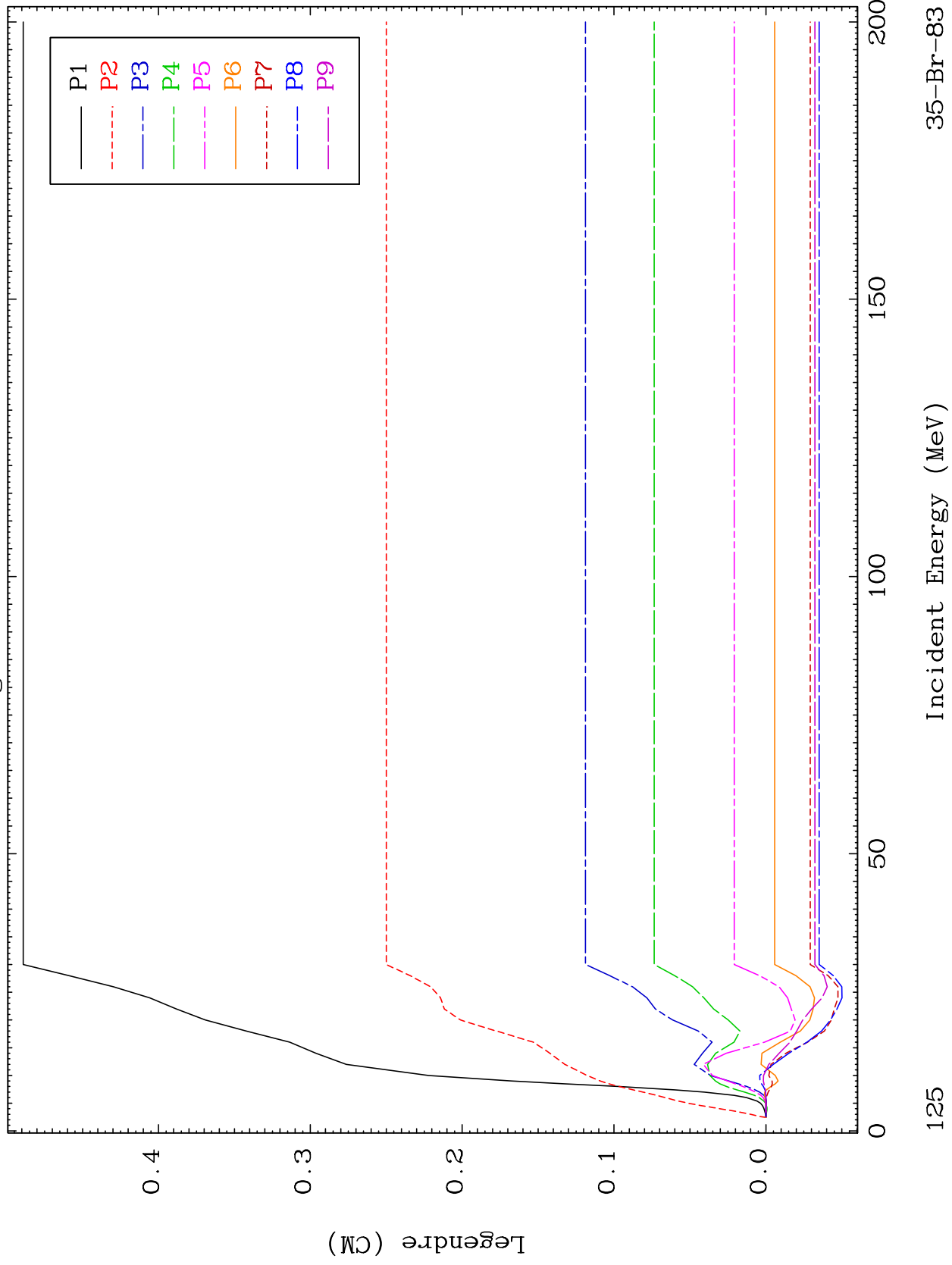
Incident Energy (MeV)

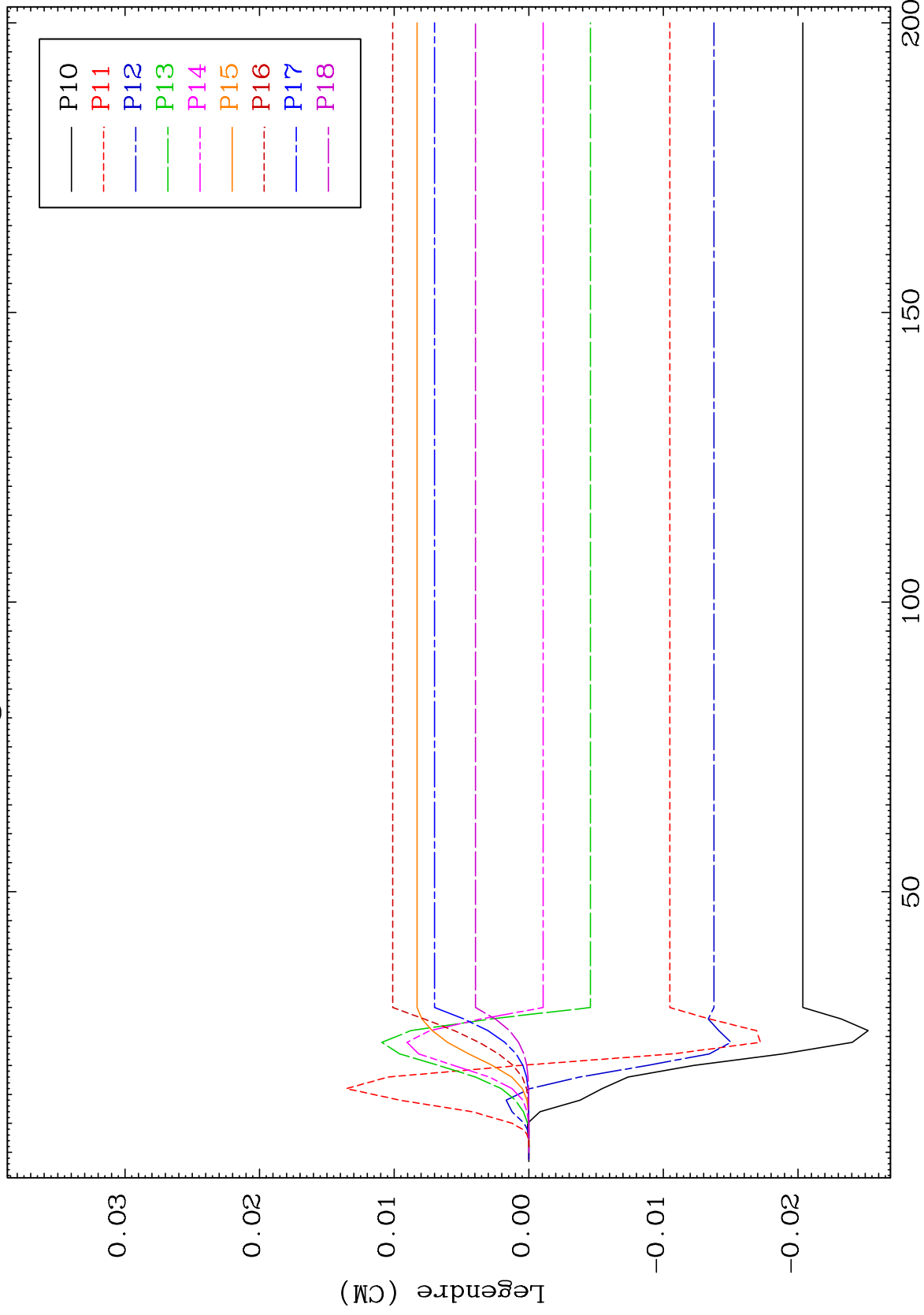
35-Br-83

MAT 3537

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

35-Br-83

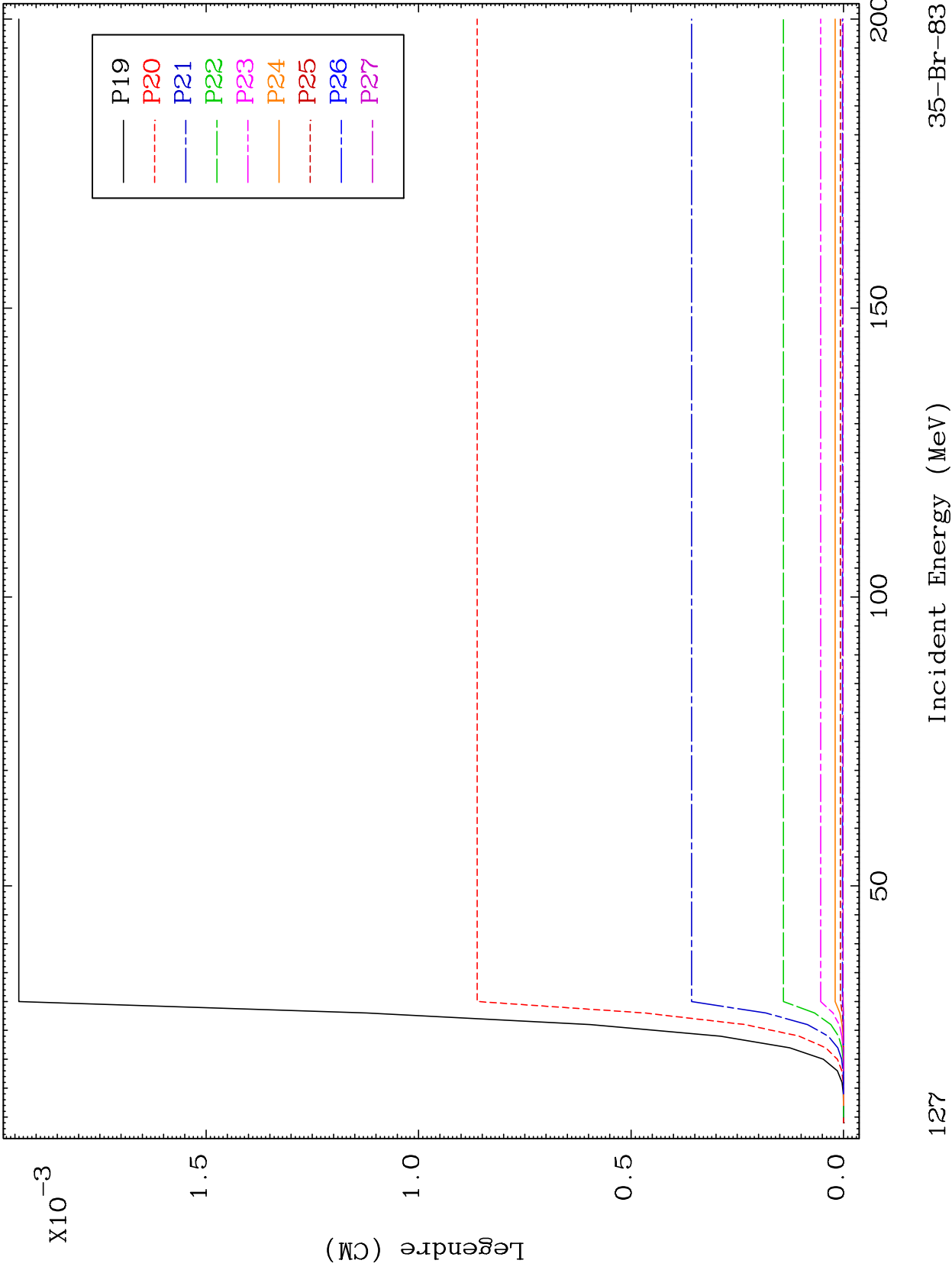




MAT 3537

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

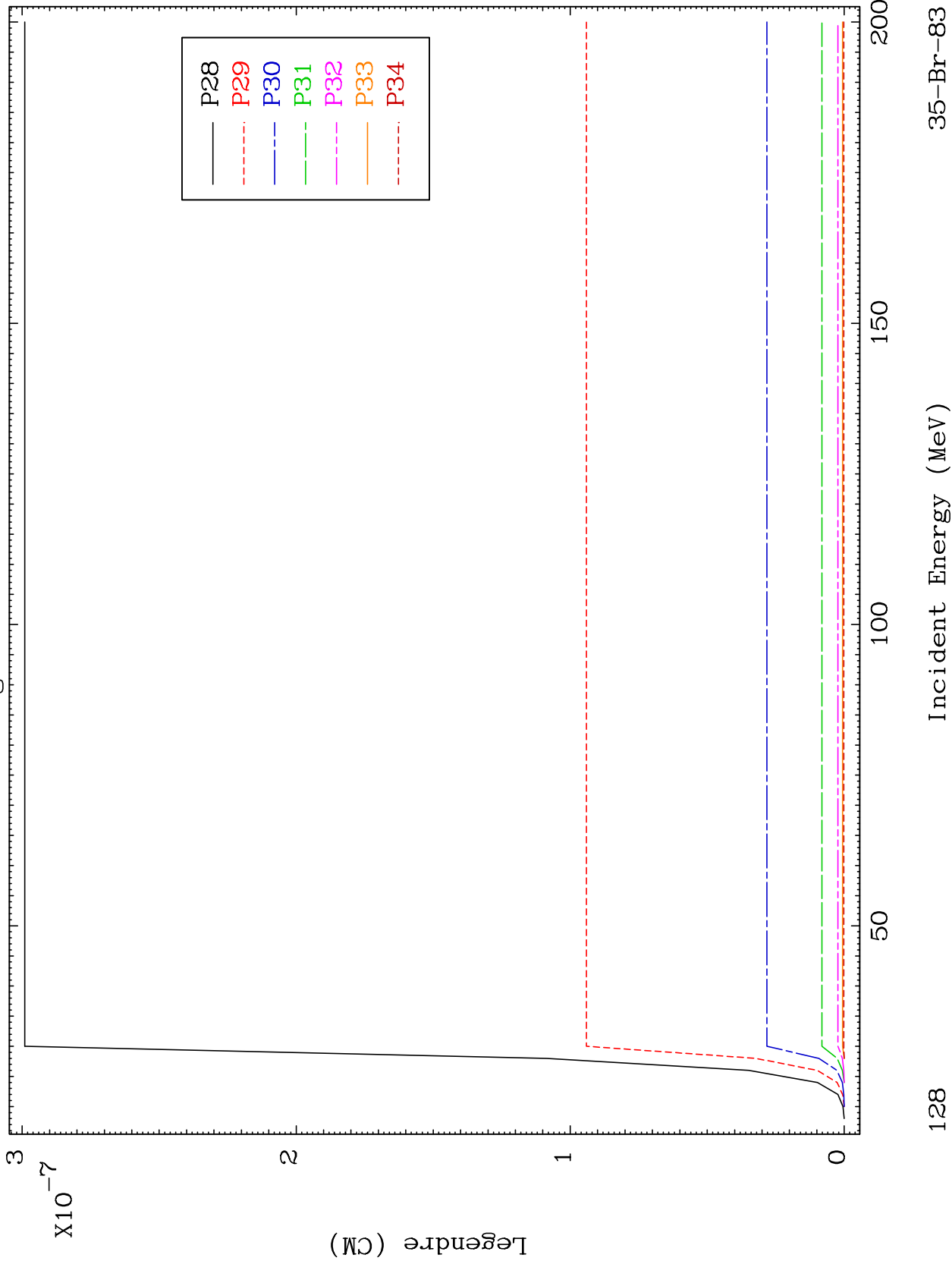
35-Br-83



MAT 3537

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

35-Br-83



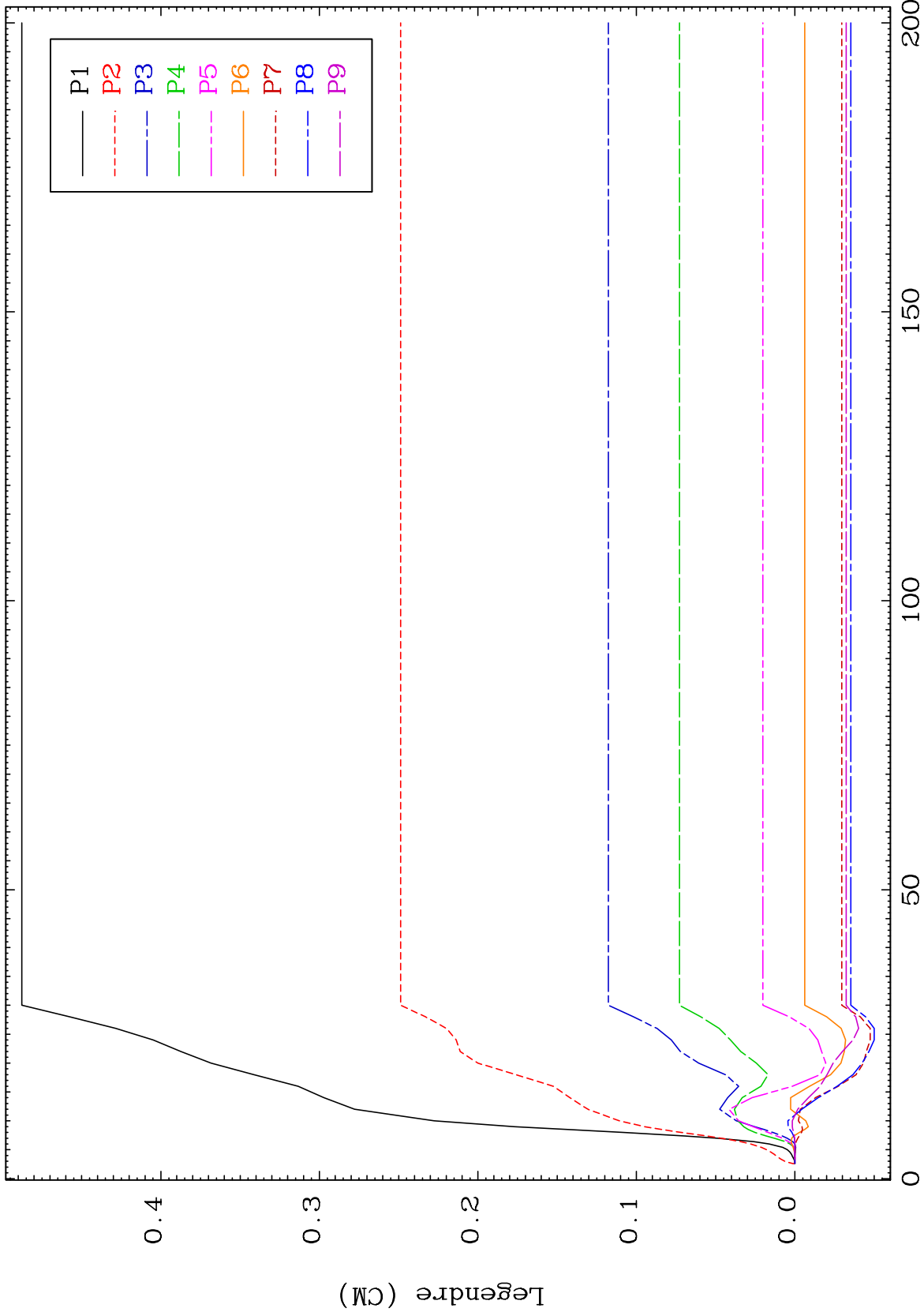
128

35-Br-83

MAT 3537

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

35-Br-83



129

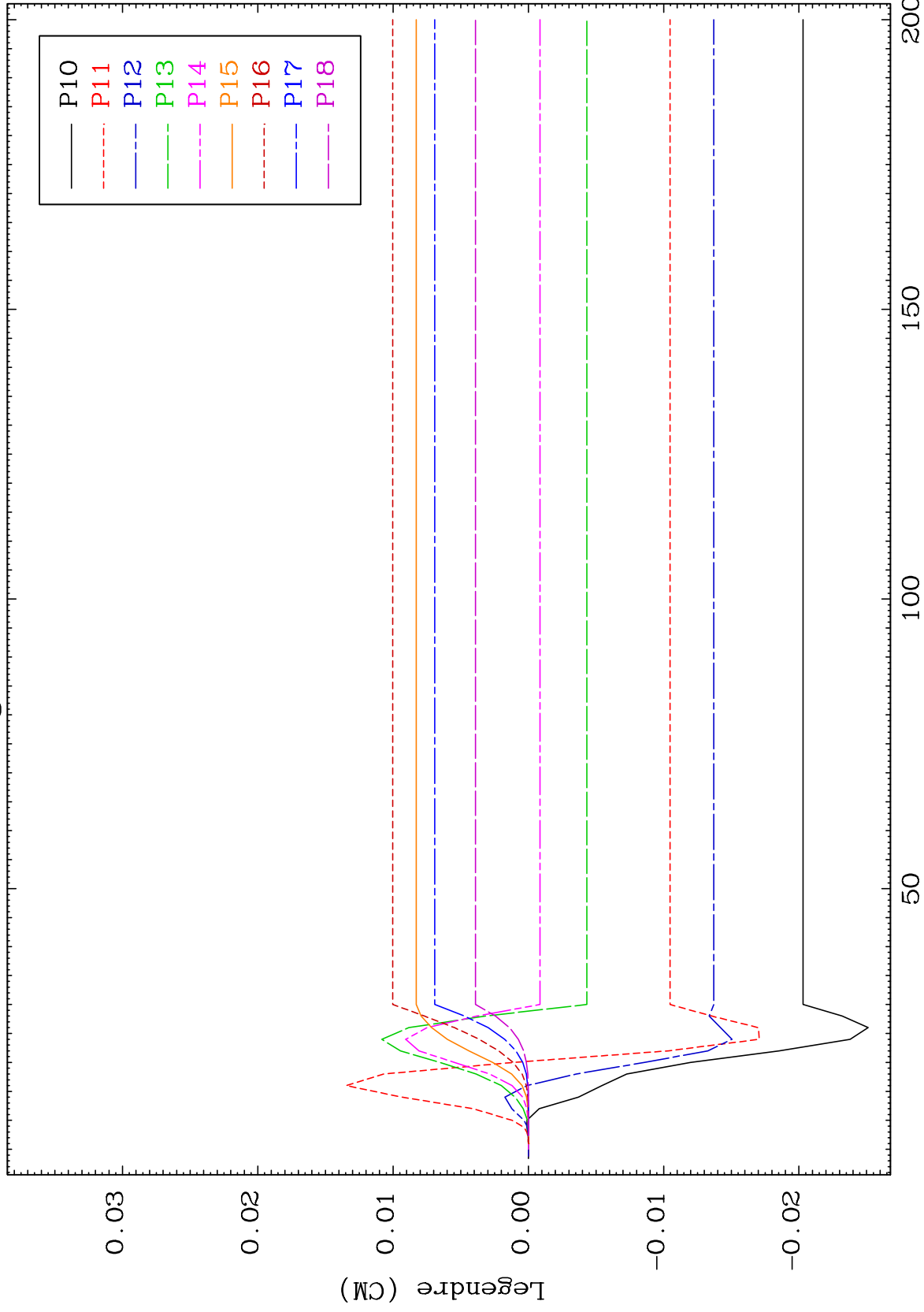
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



130

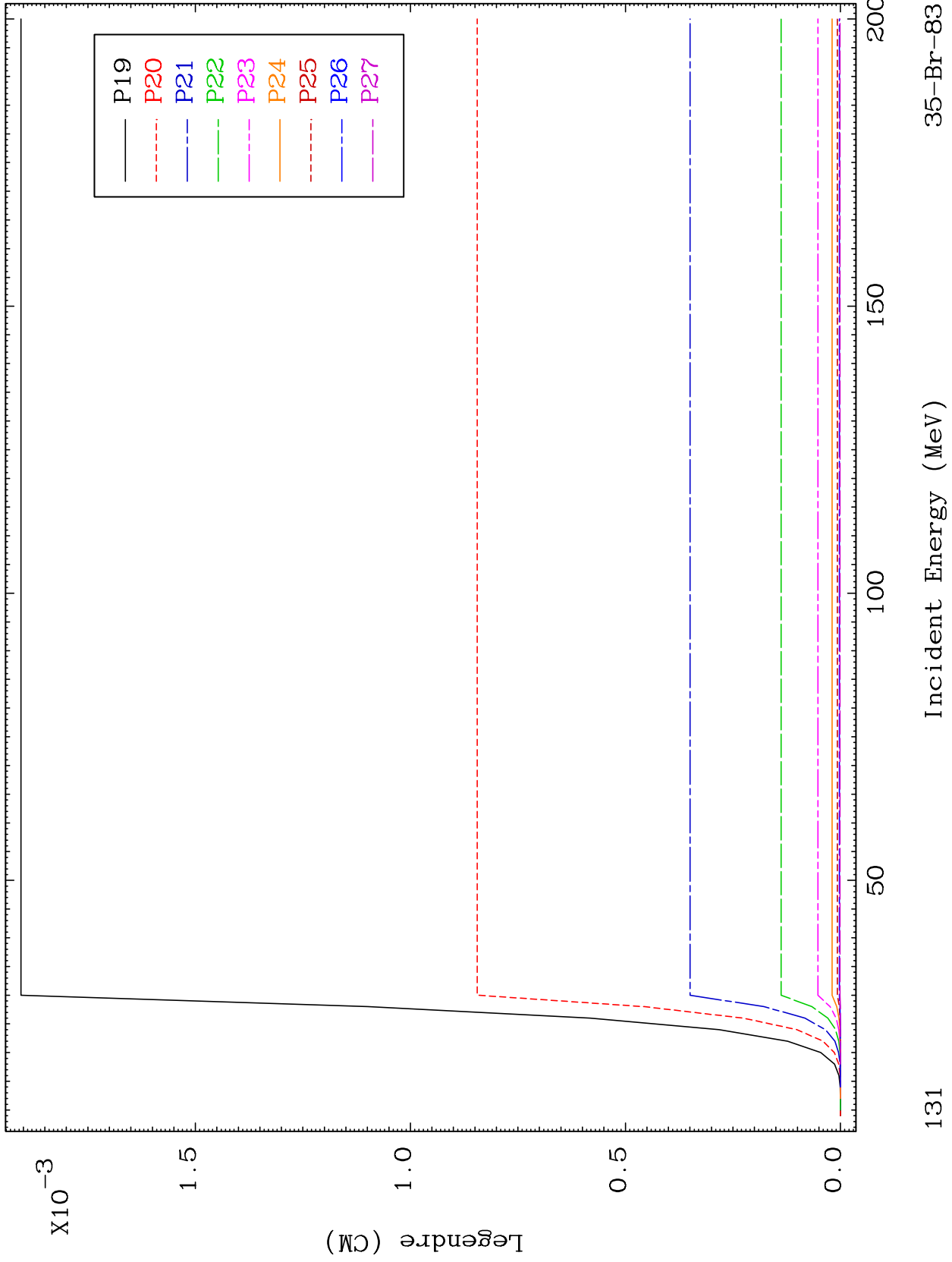
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



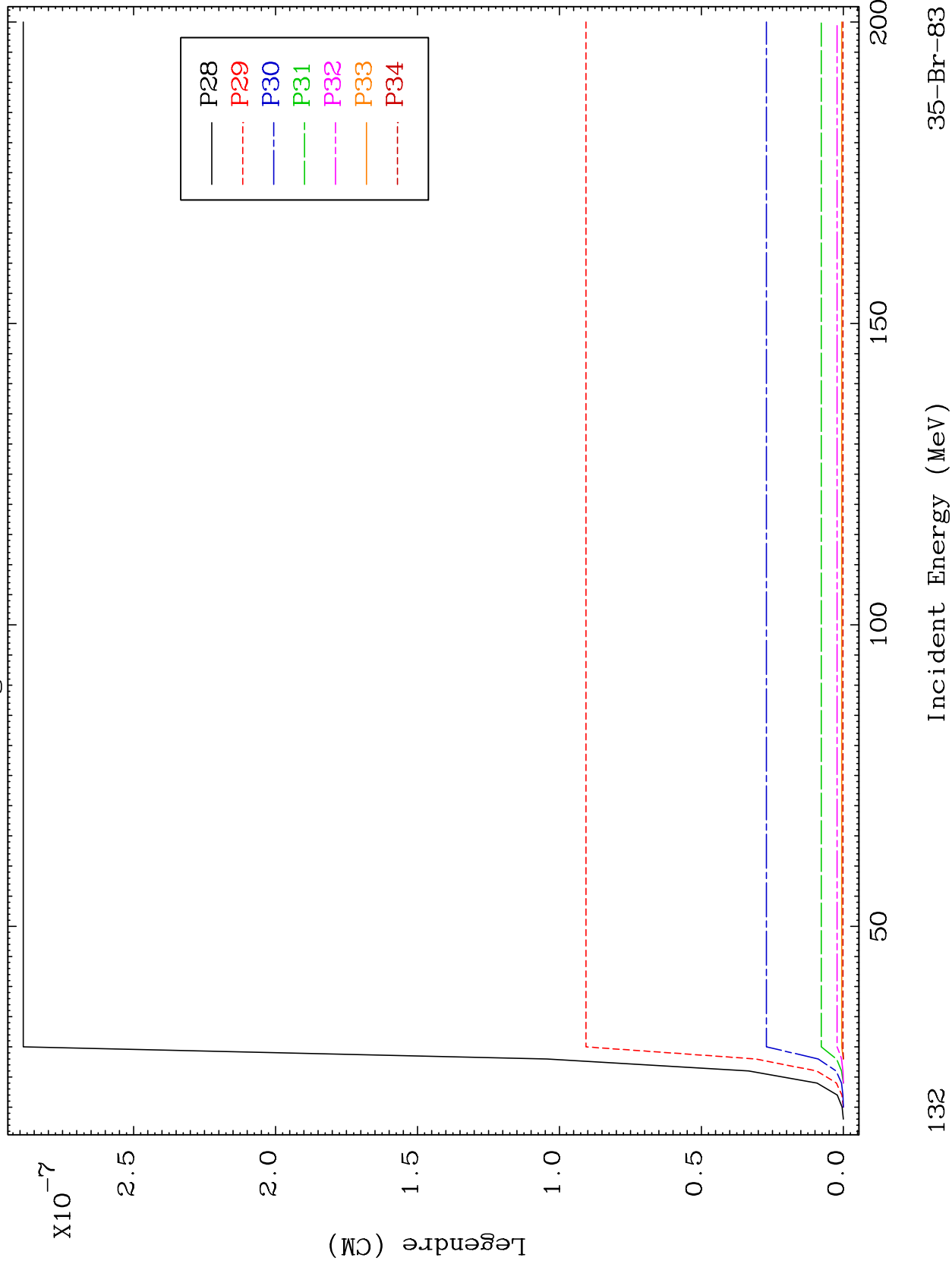
131

35-Br-83

MAT 3537

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

35-Br-83



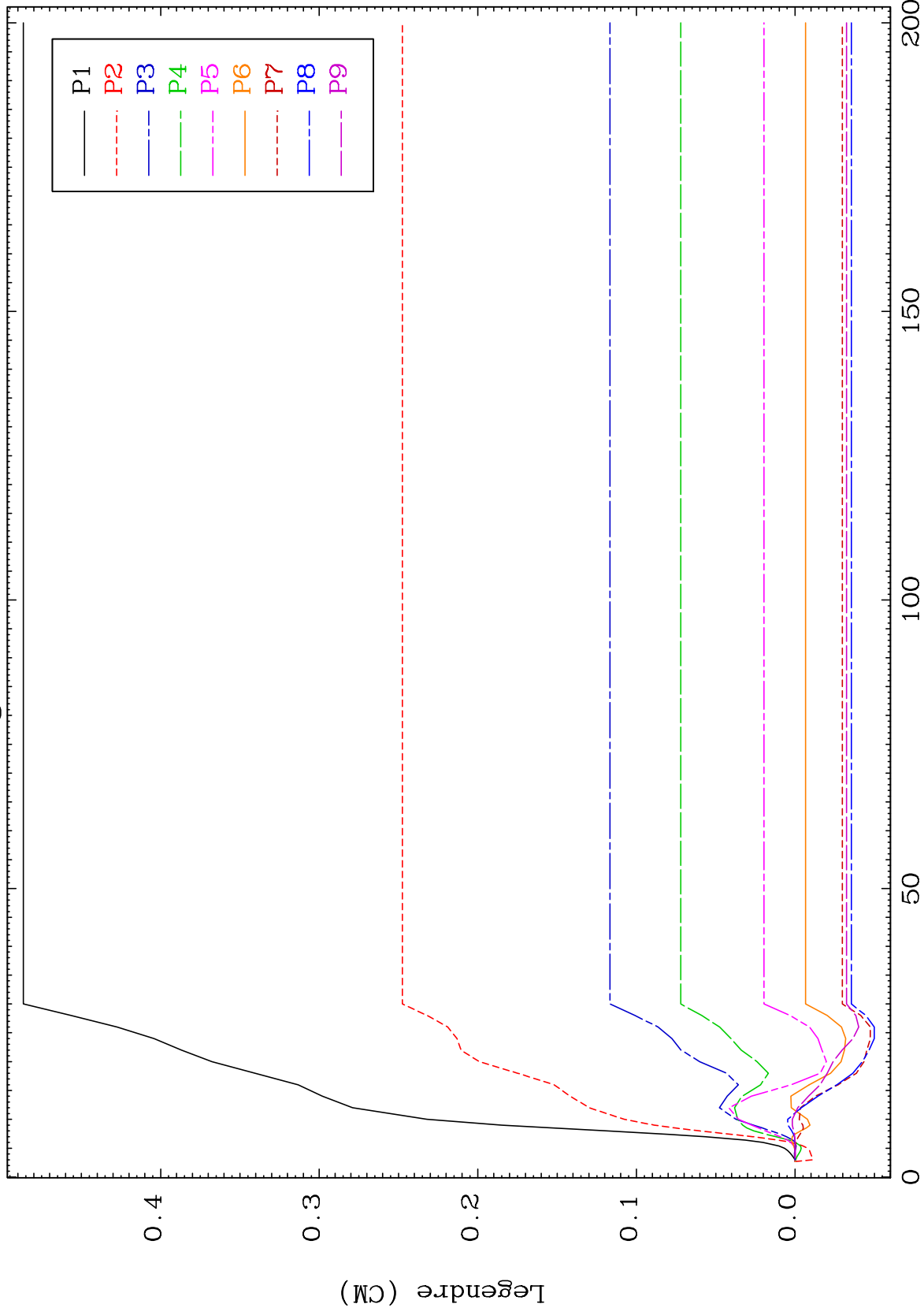
132

35-Br-83

MAT 3537

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

35-Br-83



133

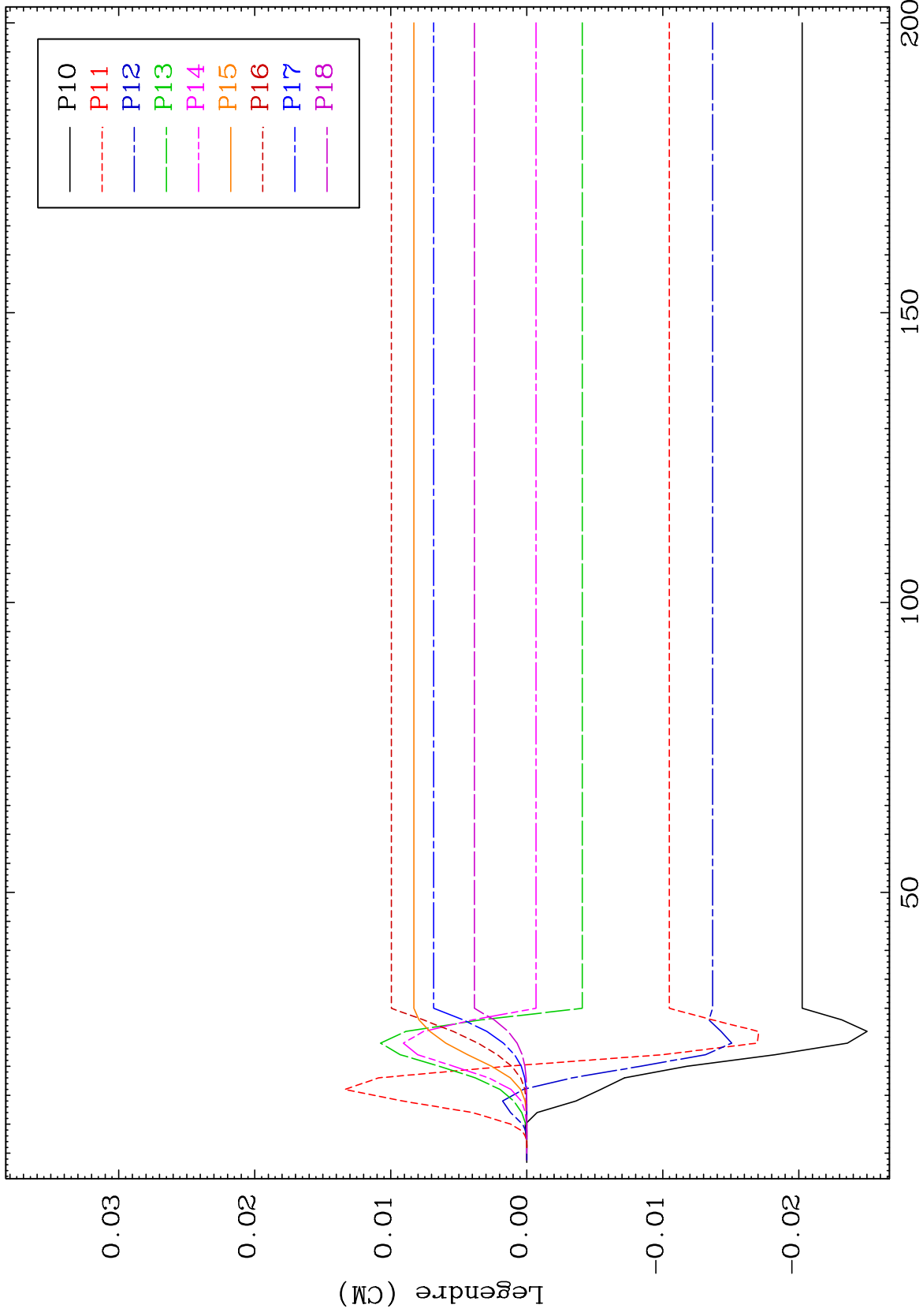
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



134

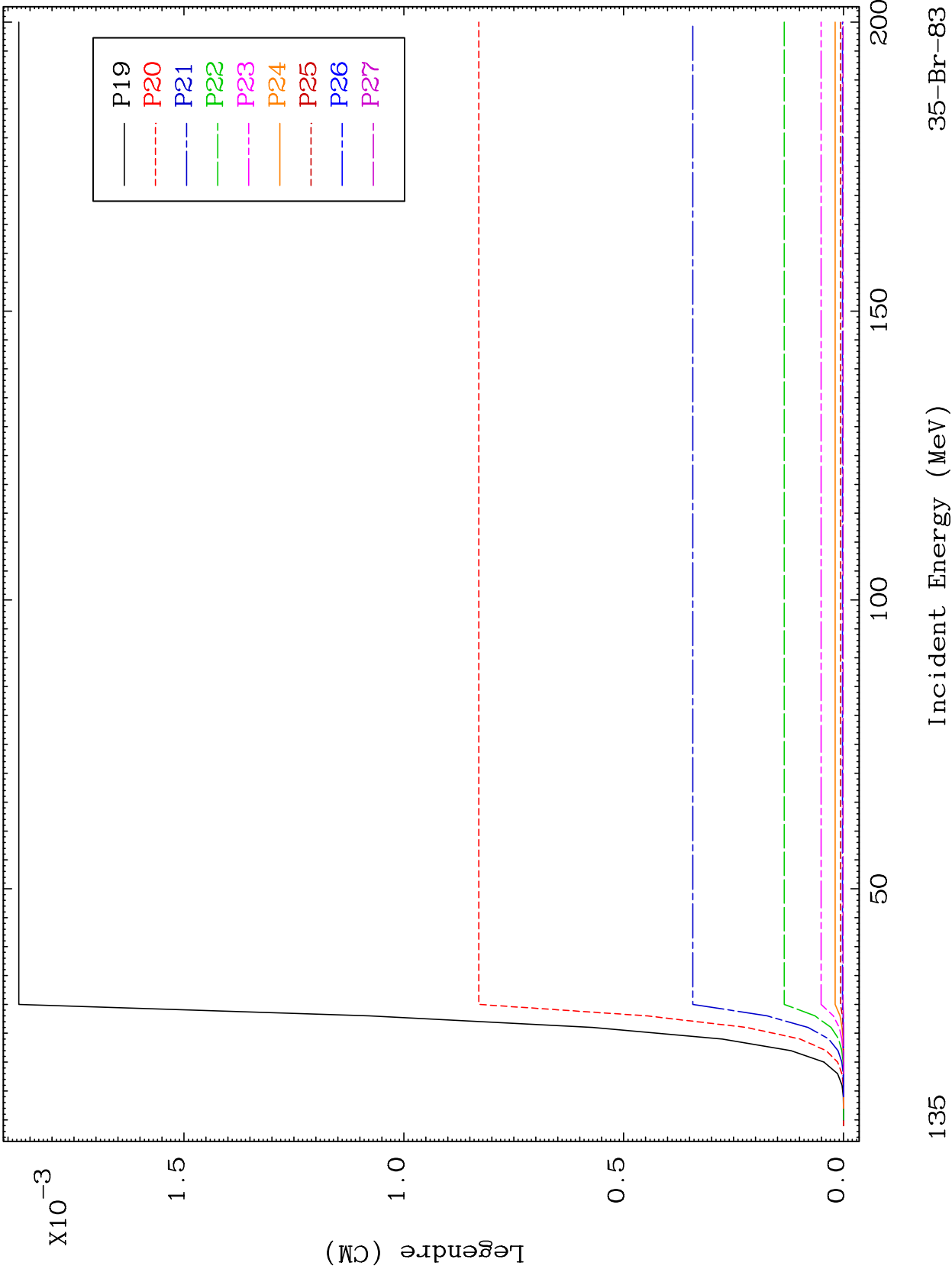
Incident Energy (MeV)

35-Br-83

MAT 3537

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

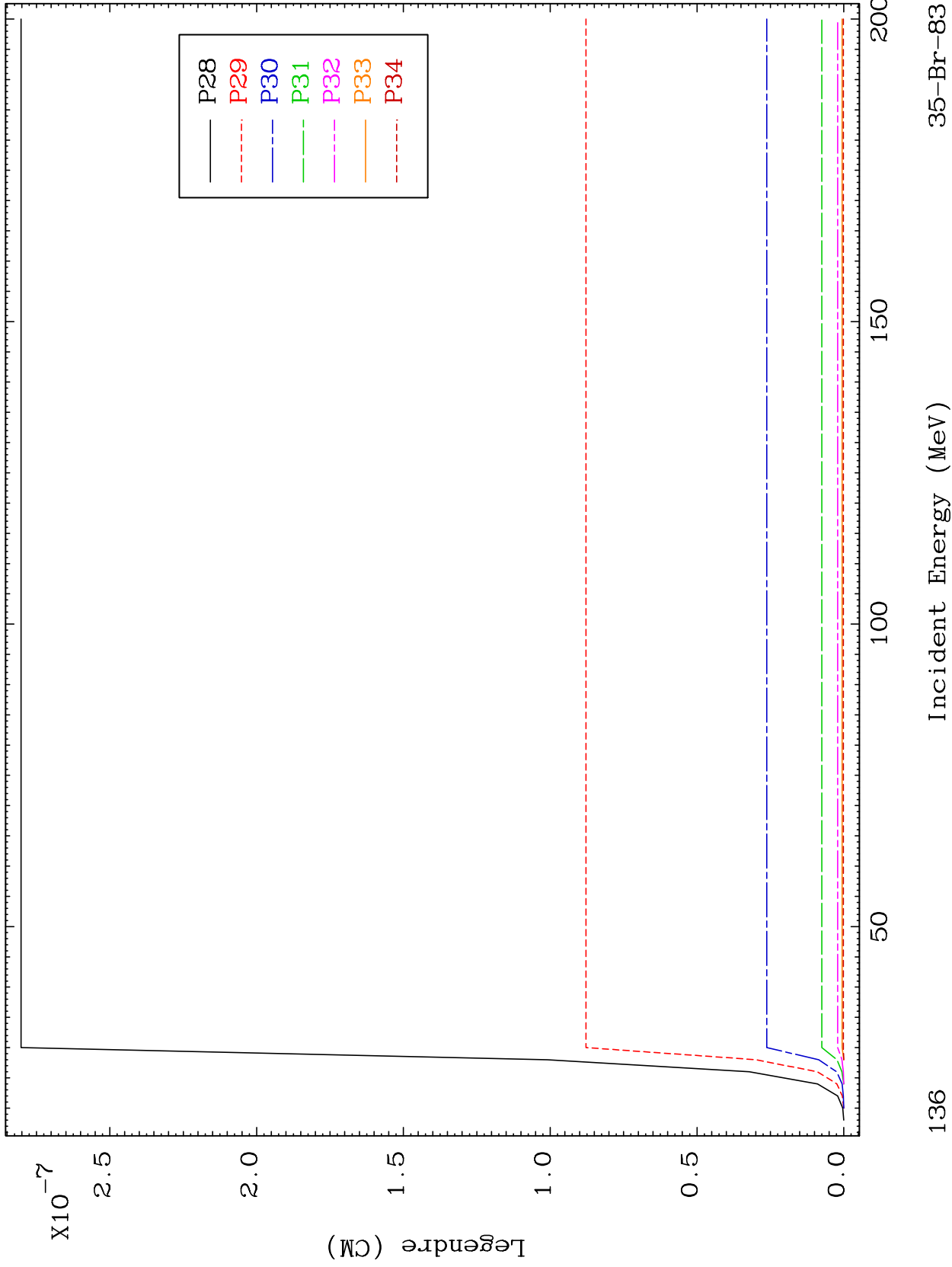
35-Br-83



MAT 3537

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

35-Br-83



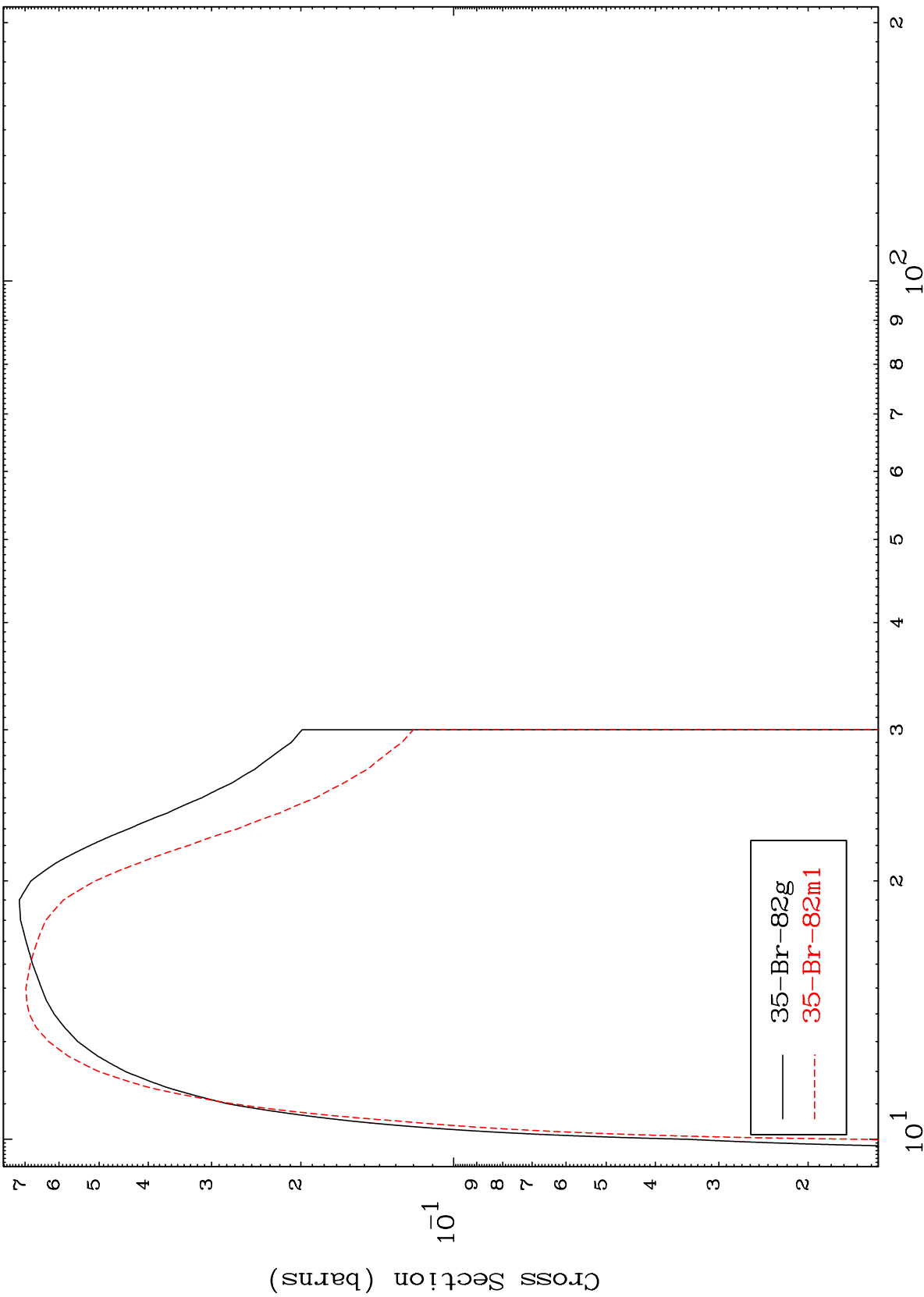
136

35-Br-83

MAT 3537

35-Br-83

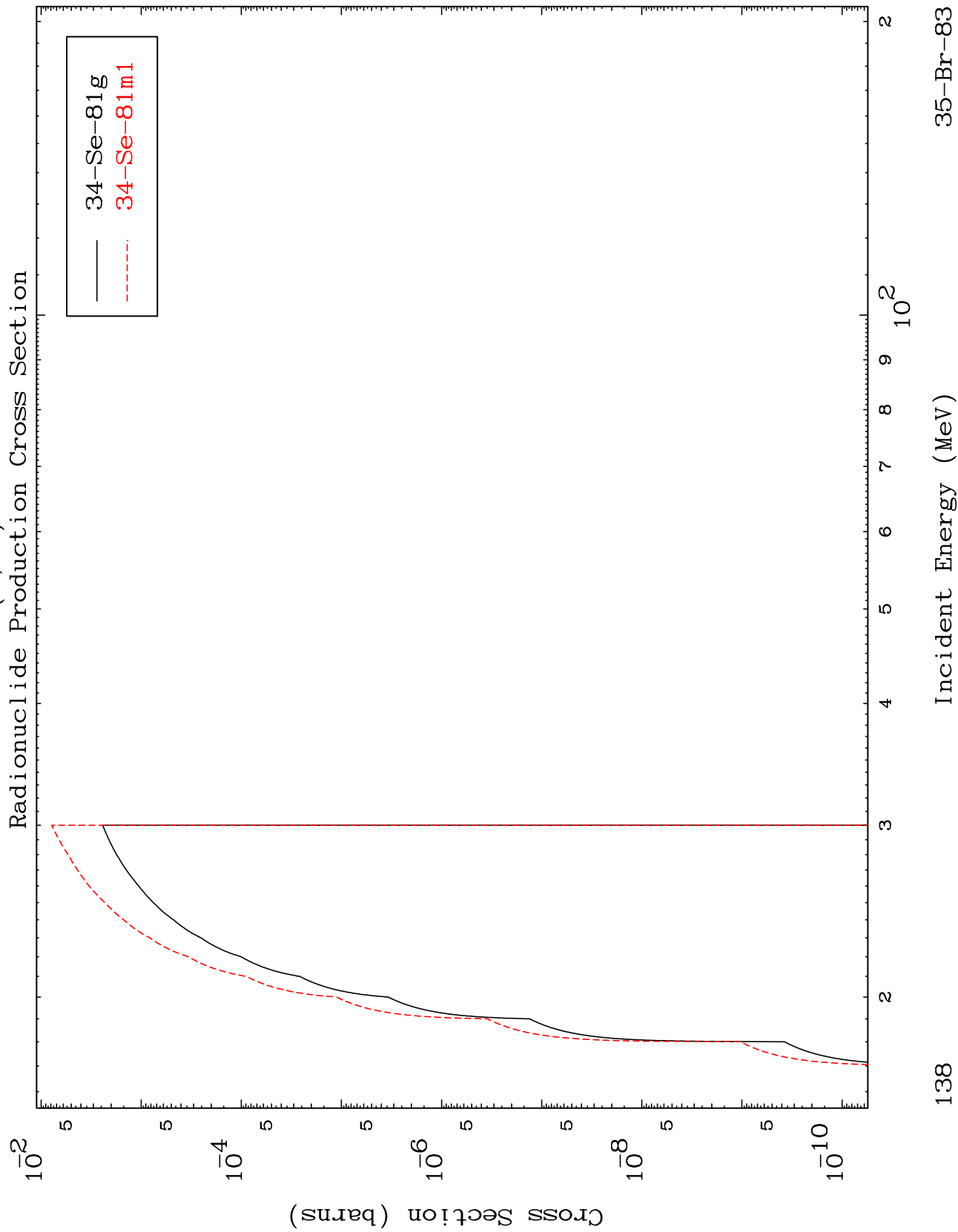
Radionuclide Production Cross Section



MAT 3537

(n,n') d

35-Br-83



138

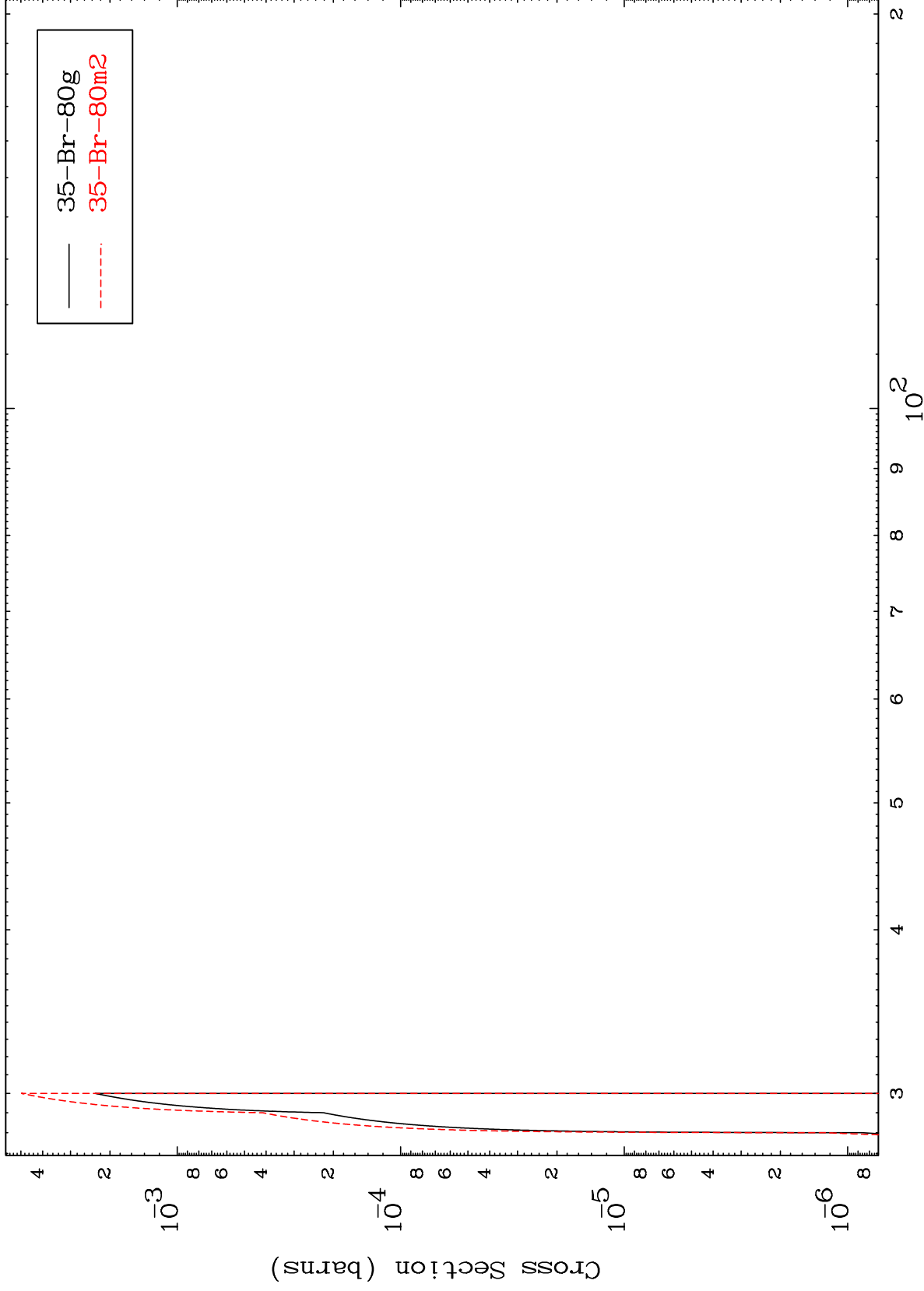
35-Br-83

MAT 3537

(n,4n)

³⁵Br-83

Radionuclide Production Cross Section



139

Incident Energy (MeV)

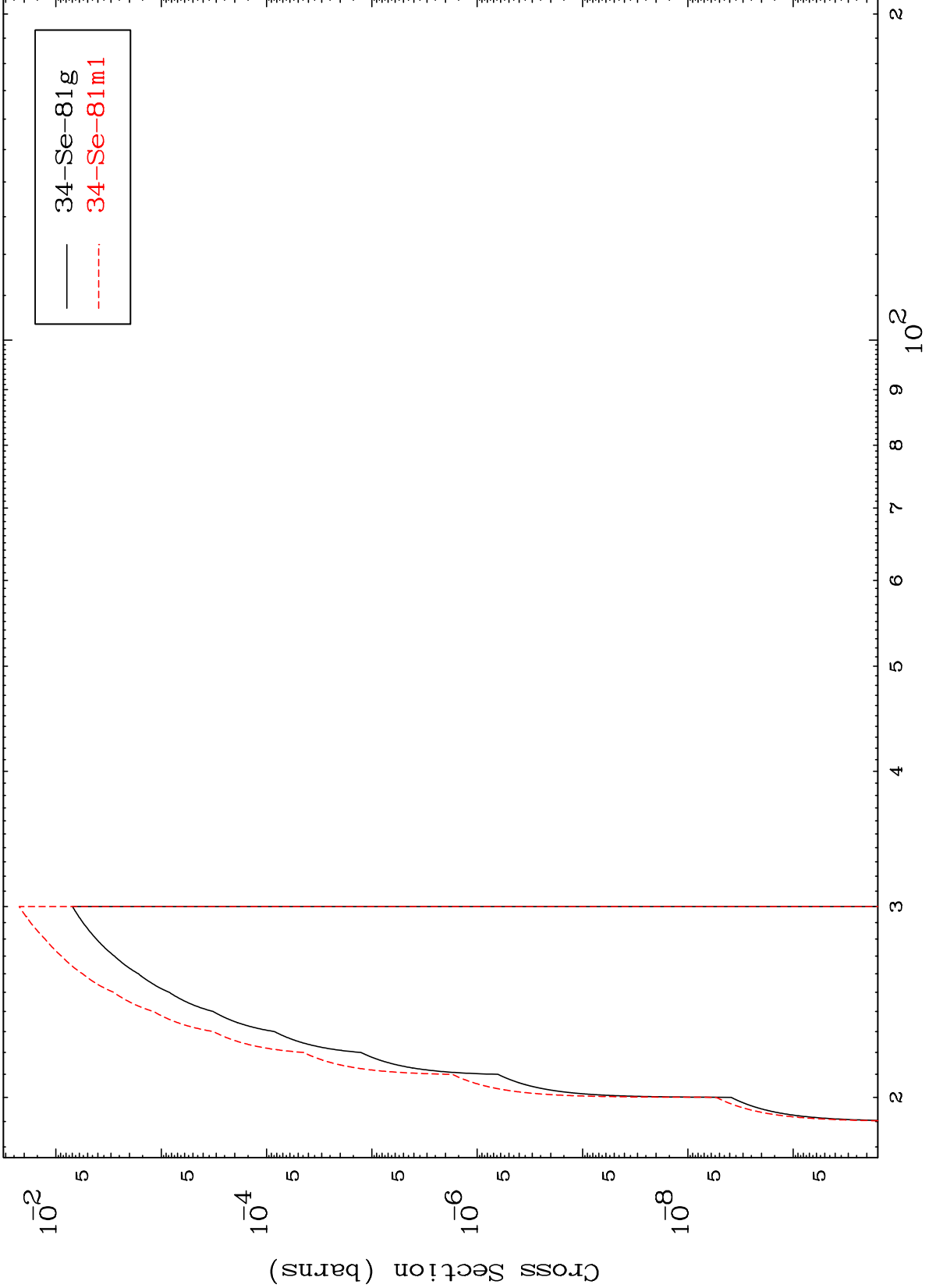
³⁵Br-83

MAT 3537

(n,2n) p

35-Br-83

Radionuclide Production Cross Section



34-Se-81g
34-Se-81m1

140

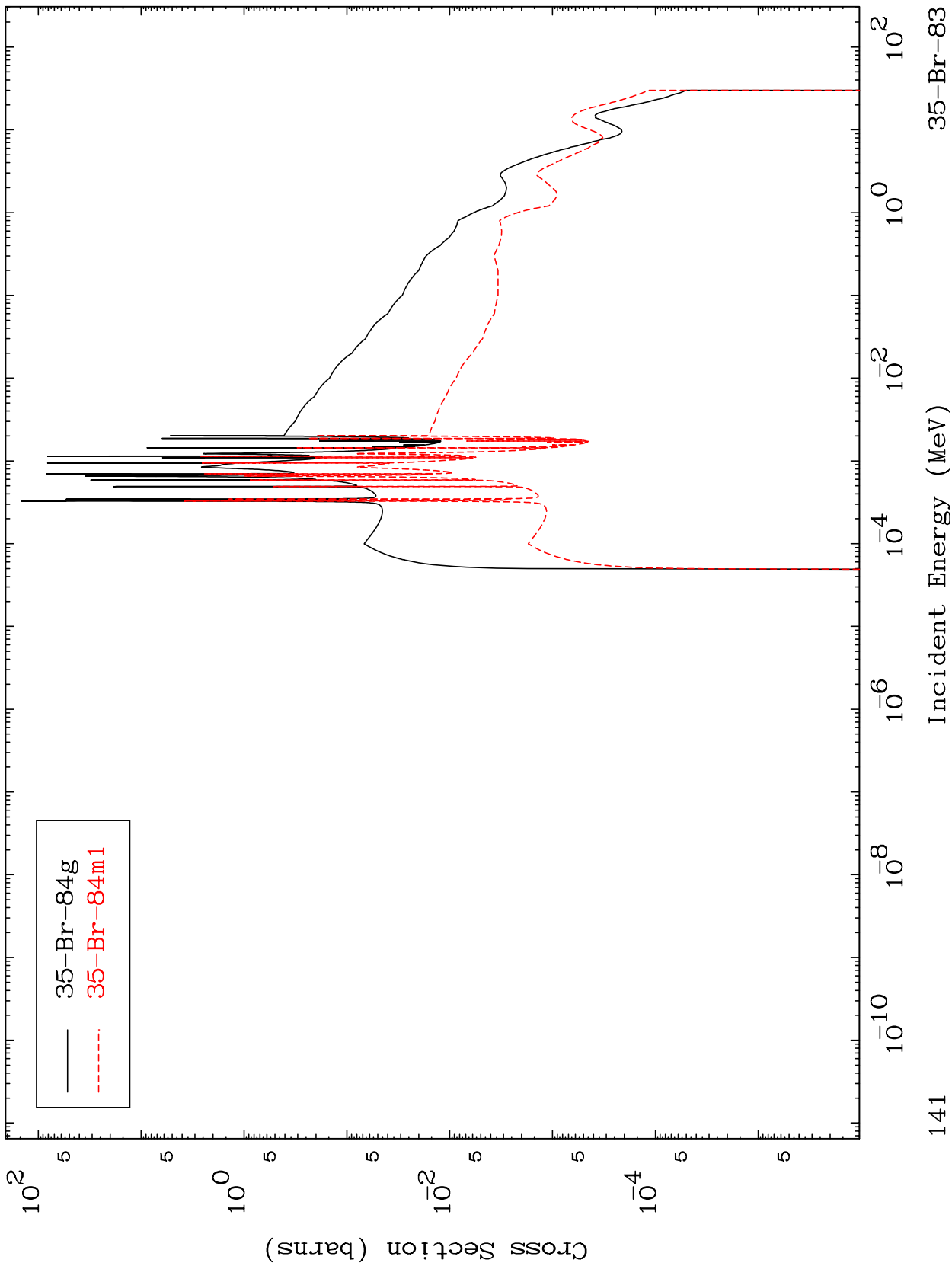
Incident Energy (MeV)

35-Br-83

MAT 3537

35-Br-83

(n, γ)
Radionuclide Production Cross Section

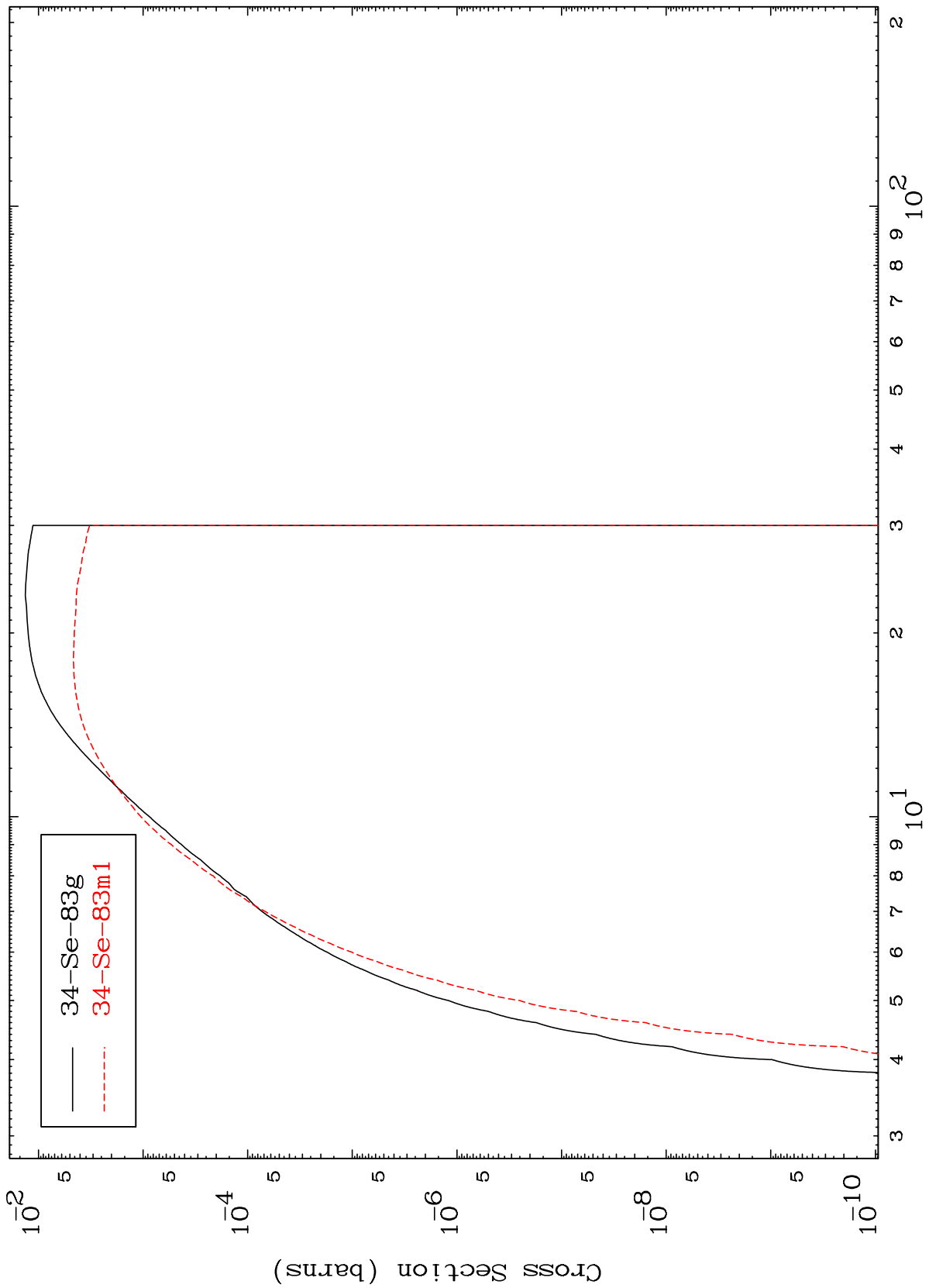


141

MAT 3537

35-Br-83

(n,p)
Radionuclide Production Cross Section



35-Br-83

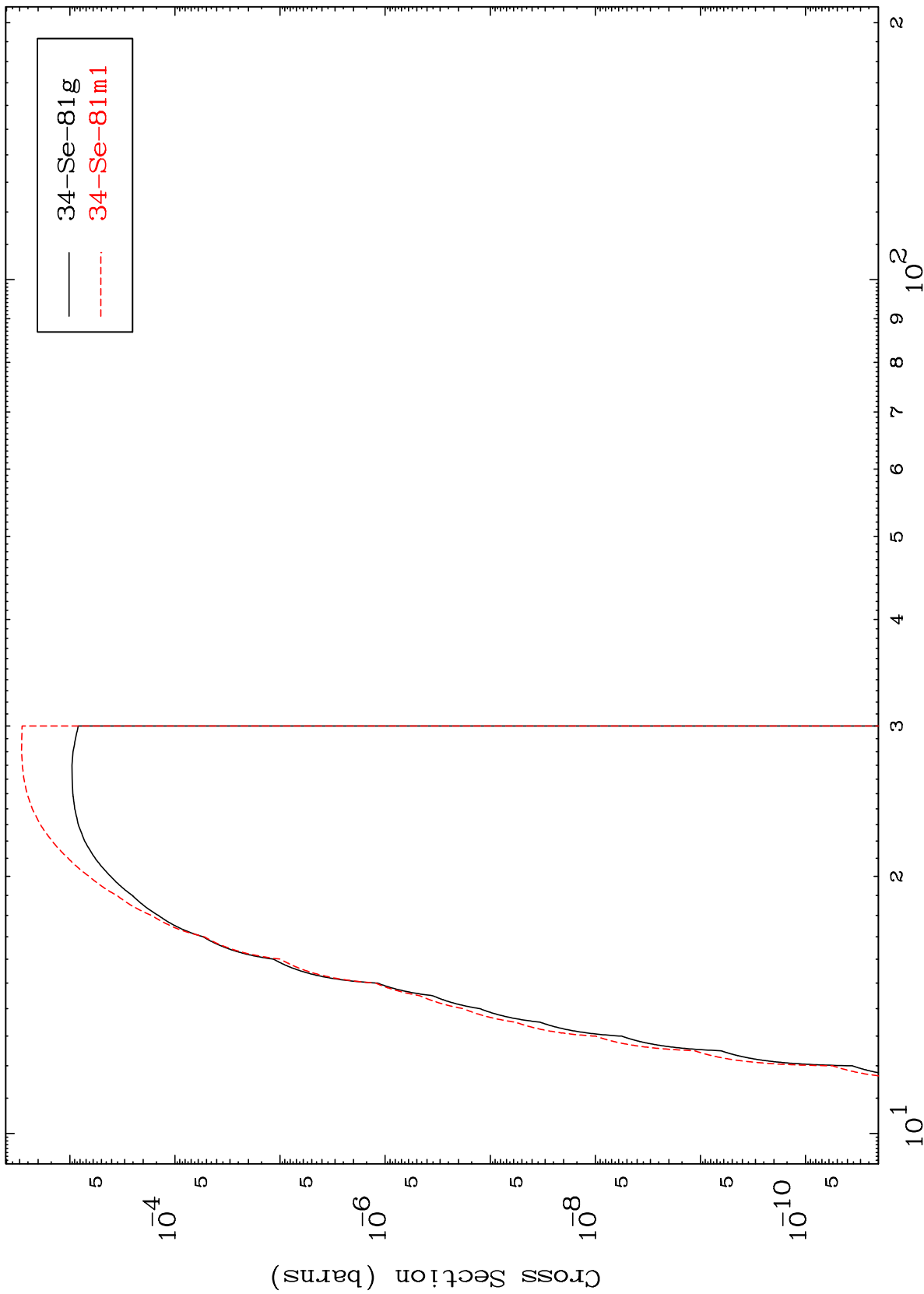
Incident Energy (MeV)

142

MAT 3537

35-Br-83

(n,t)
Radionuclide Production Cross Section



35-Br-83

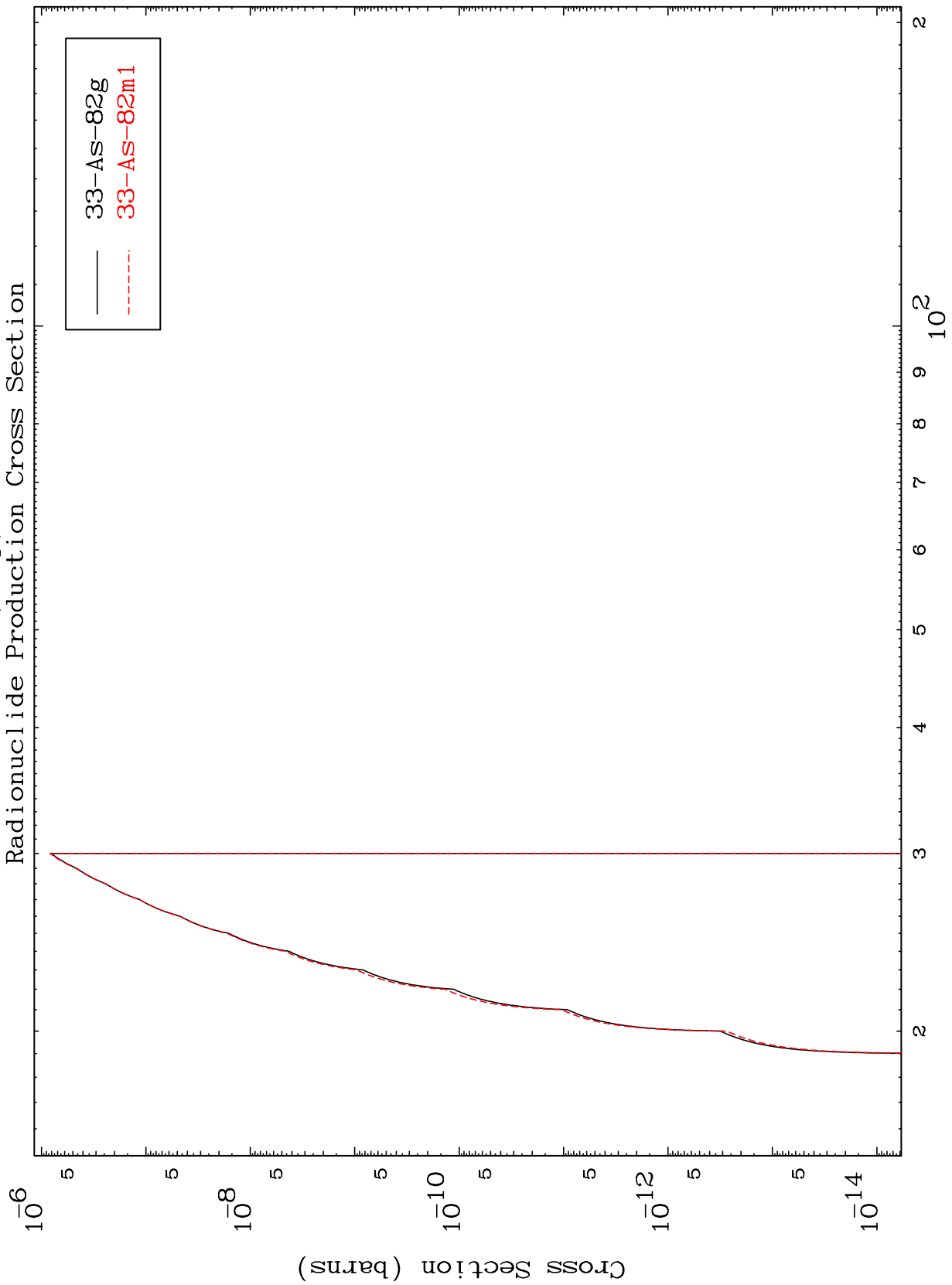
Incident Energy (MeV)

143

MAT 3537

35-Br-83

(n,2p)
Radionuclide Production Cross Section



144

Incident Energy (MeV)

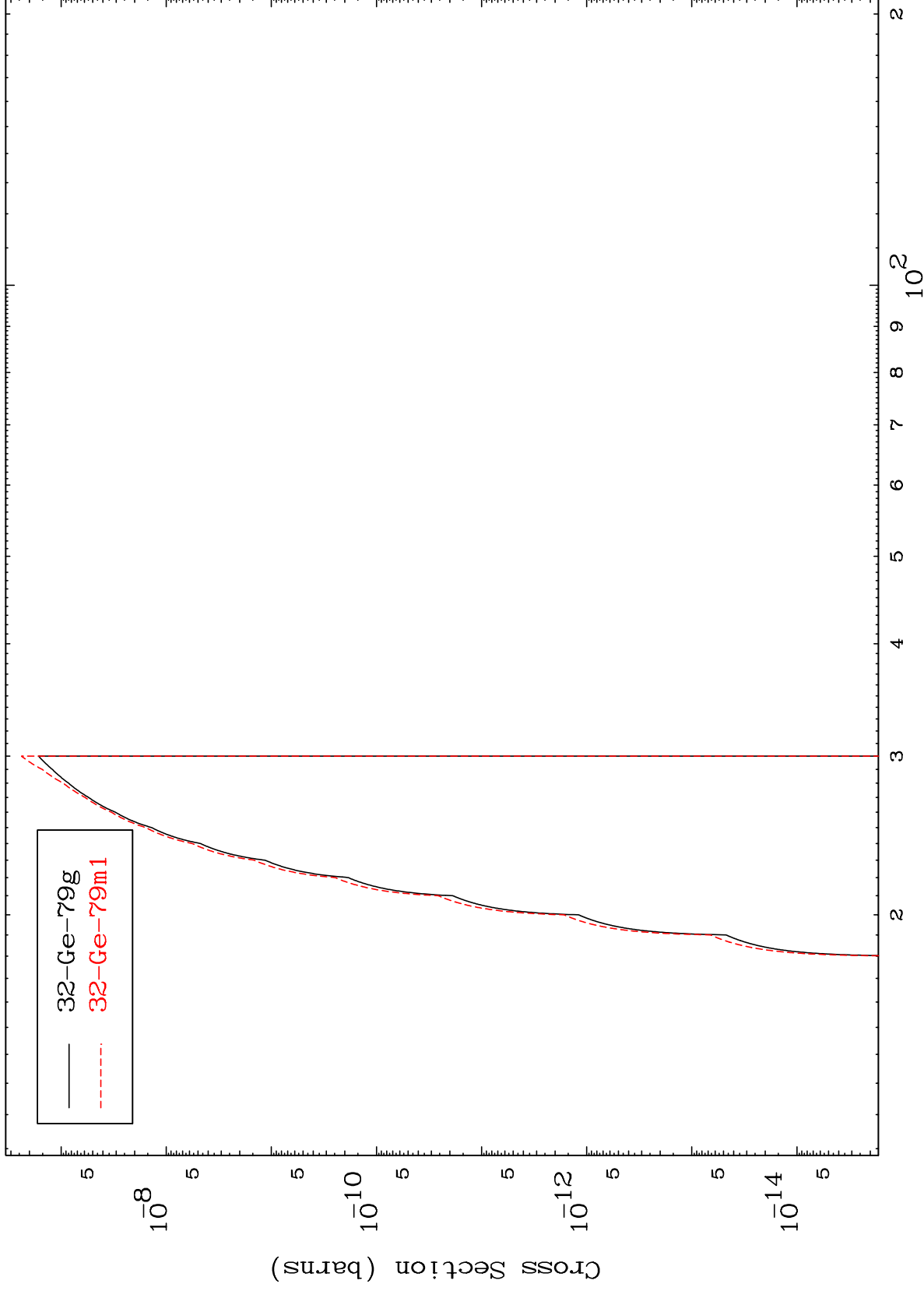
35-Br-83

MAT 3537

(n,p) α

35-Br-83

Radionuclide Production Cross Section



145

Incident Energy (MeV)

35-Br-83