

Program EVALPLOT
(Version 2018-1)

by

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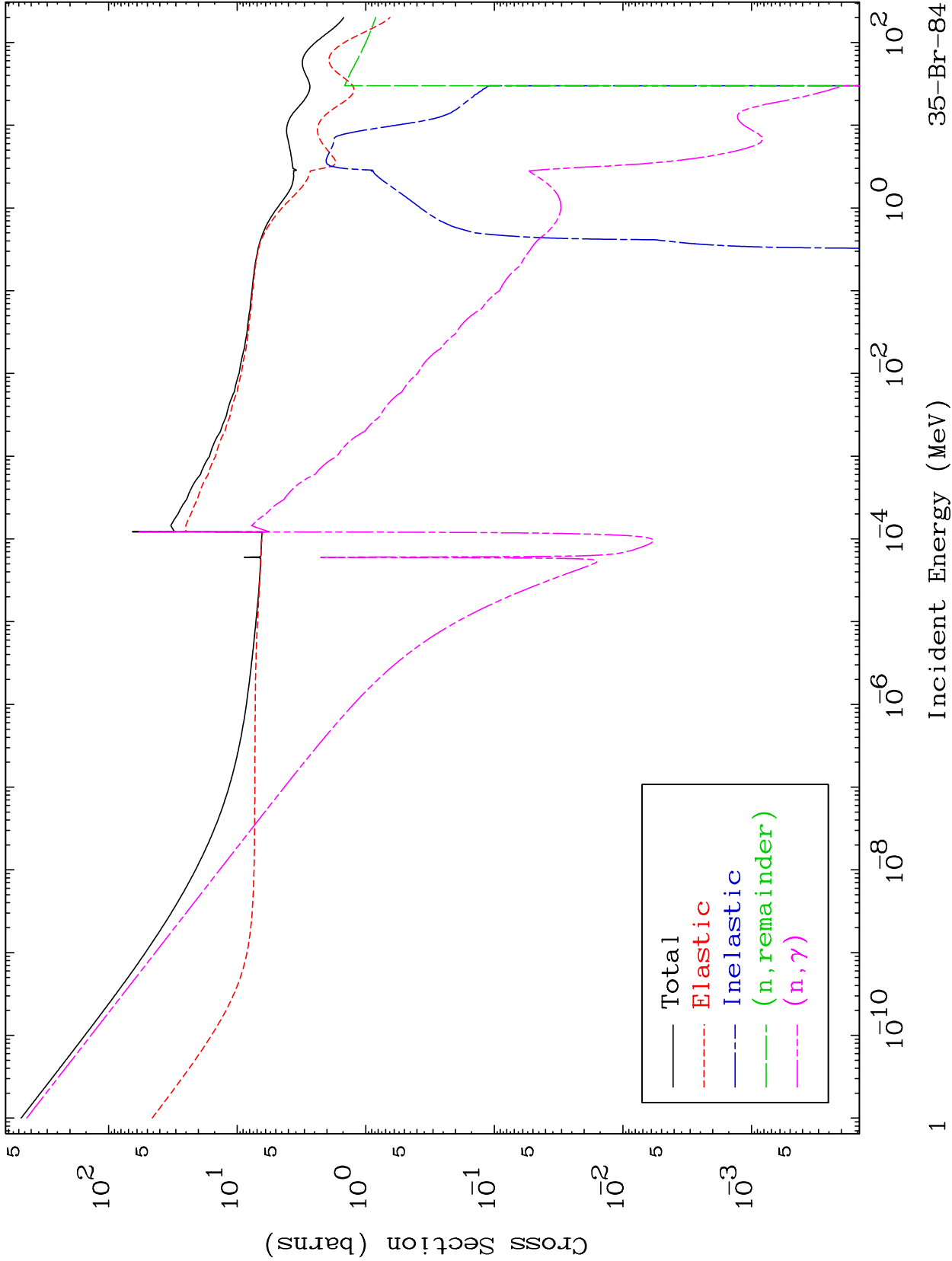
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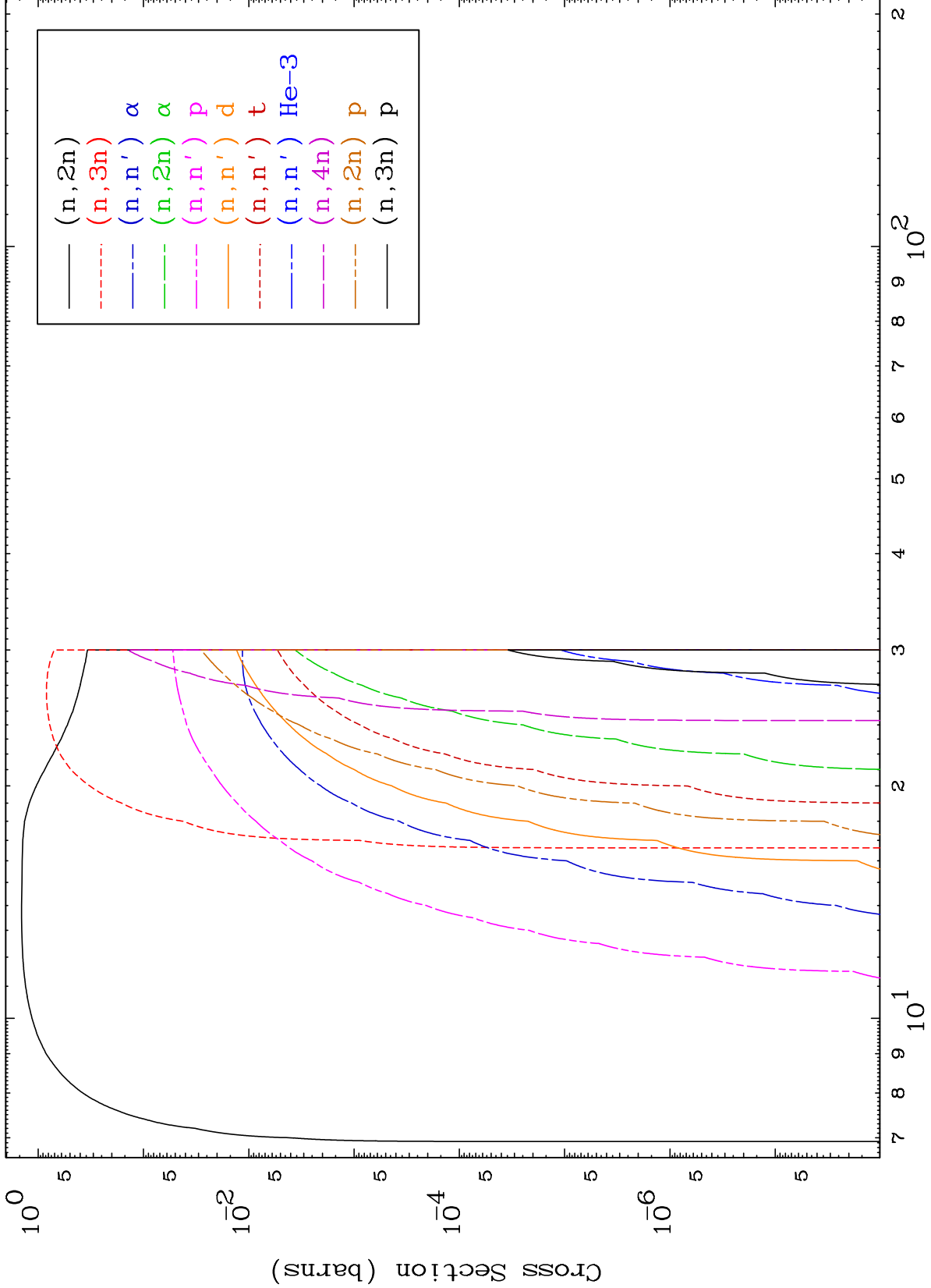
Press Mouse Button to Start

MAT 3540

Major
293 Kelvin Cross Sections

35-Br-84

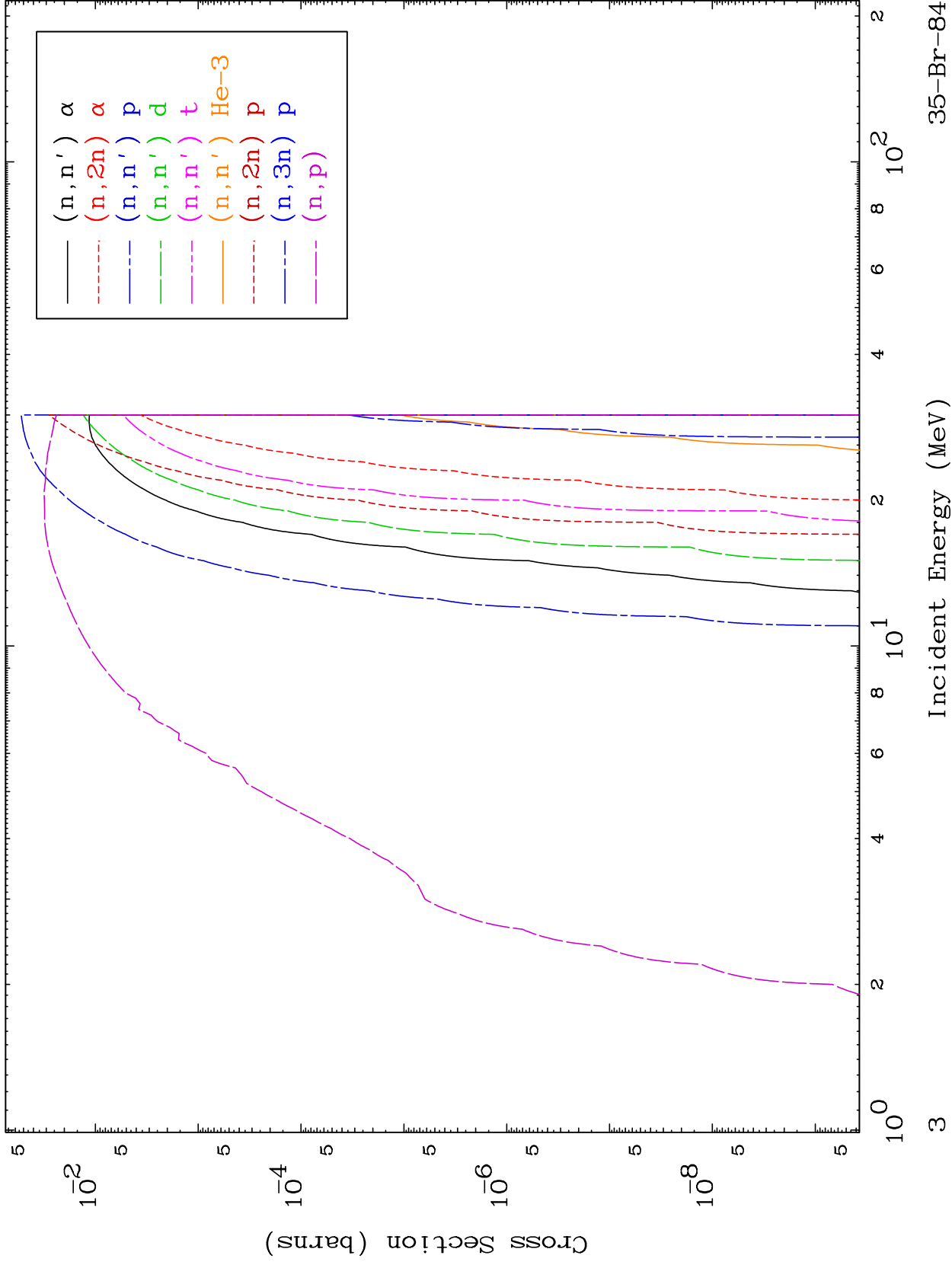




MAT 3540

Charged Particle
293 Kelvin Cross Sections

35-Br-84



35-Br-84

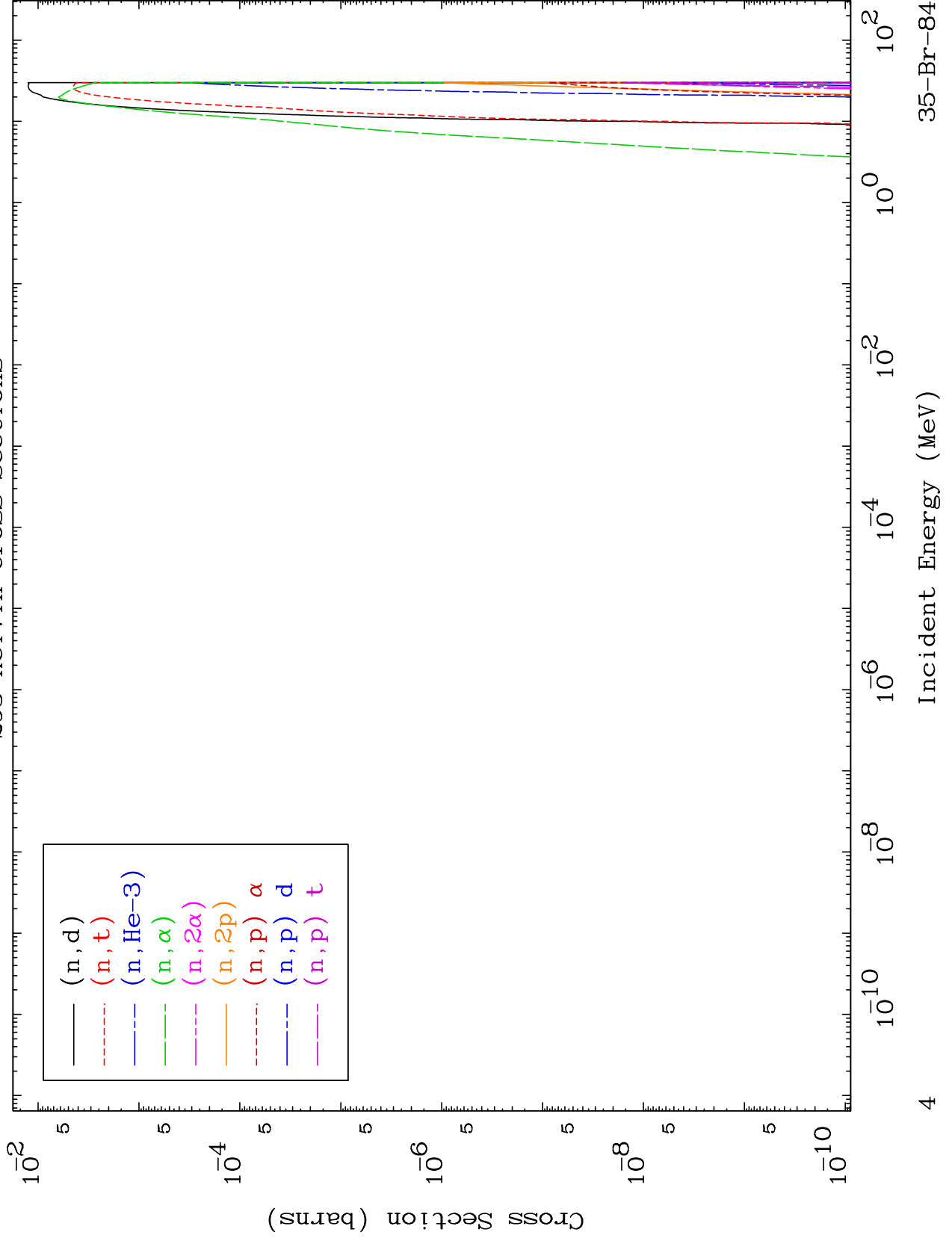
Incident Energy (MeV)

3

MAT 3540

Charged Particle
293 Kelvin Cross Sections

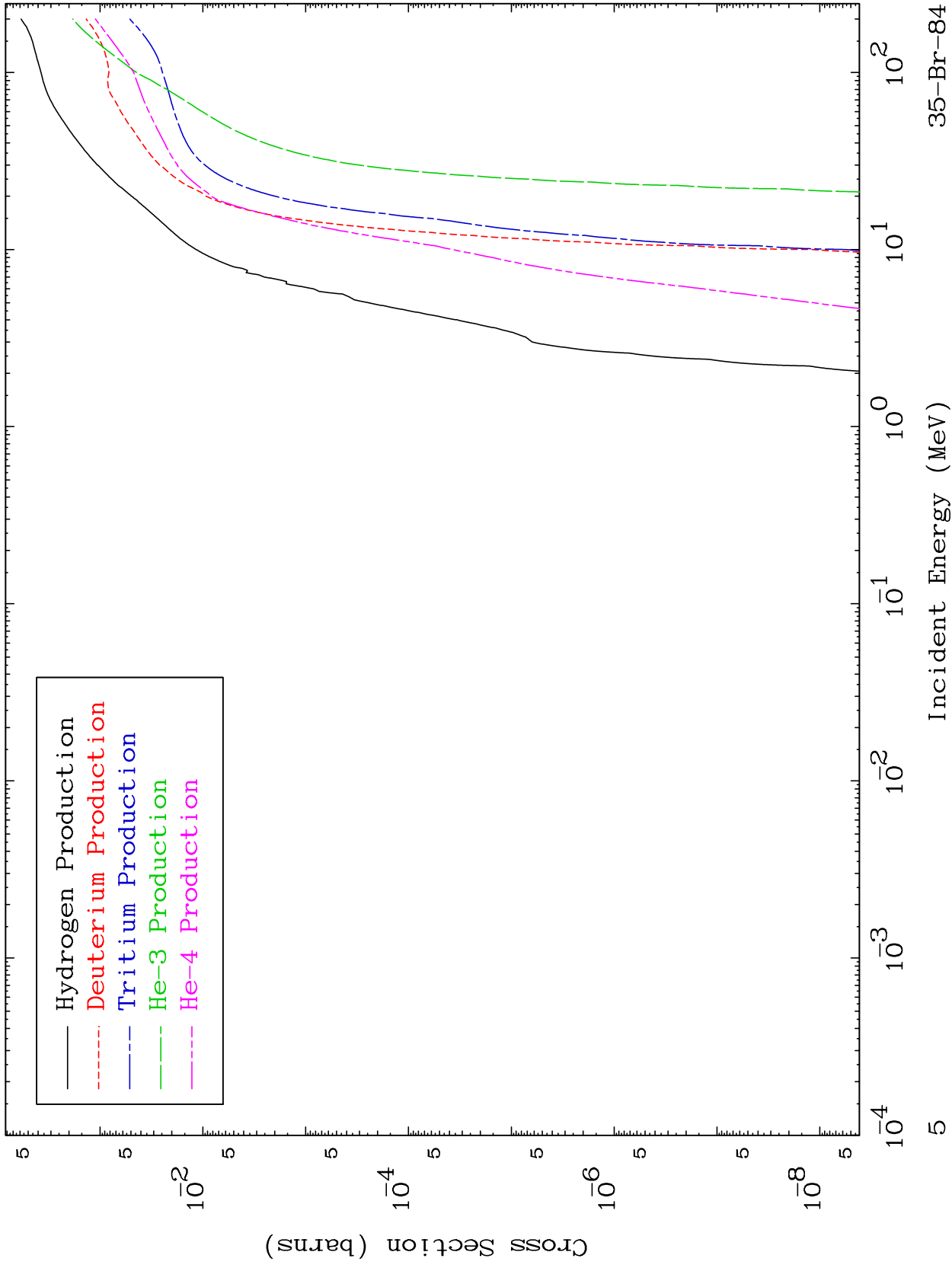
35-Br-84



MAT 3540

Particle Production
293 Kelvin Cross Sections

35-Br-84



35-Br-84

Incident Energy (MeV)

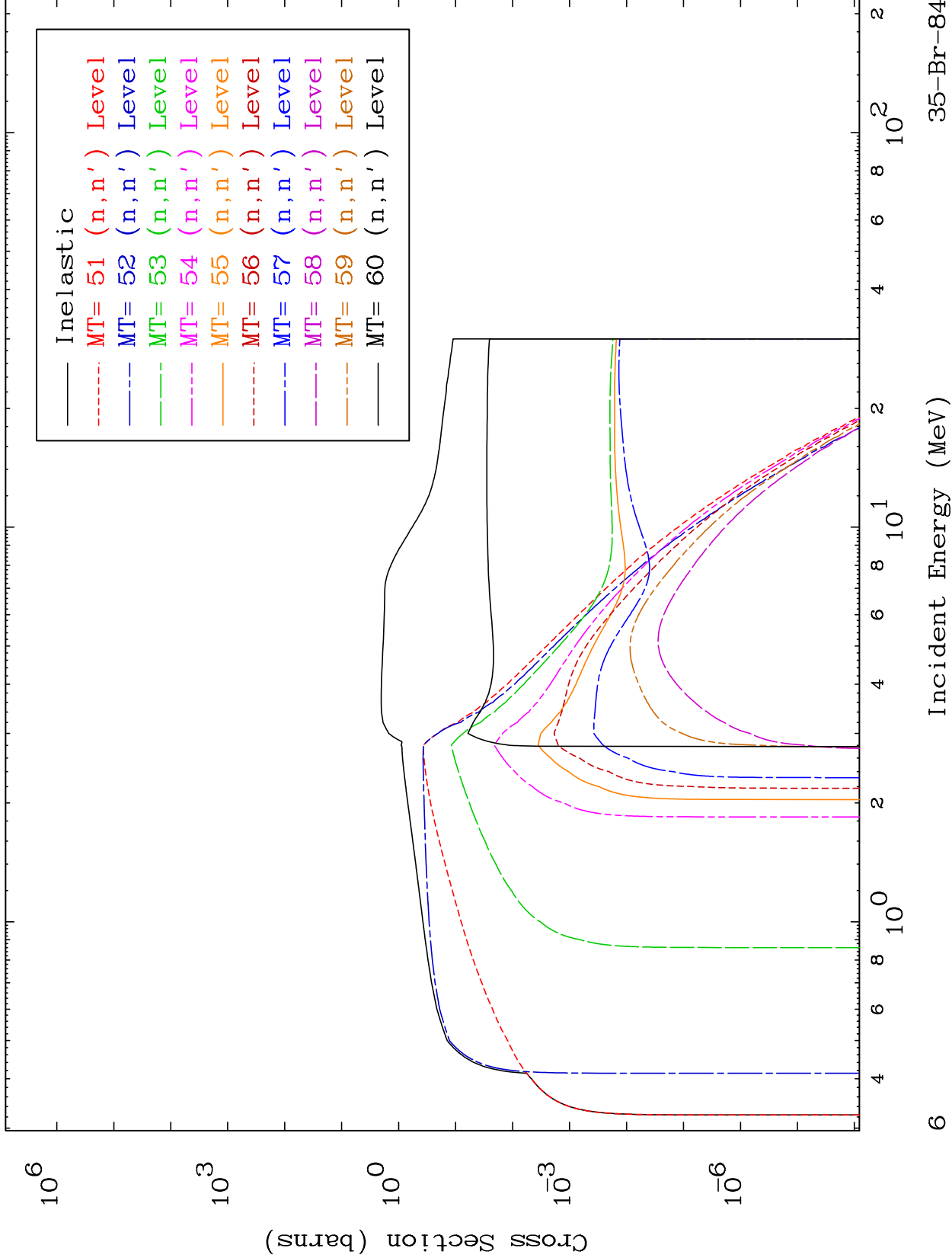
5

MAT 3540

(n,n') Level

35-Br-84

293 Kelvin Cross Sections



6

Incident Energy (MeV)

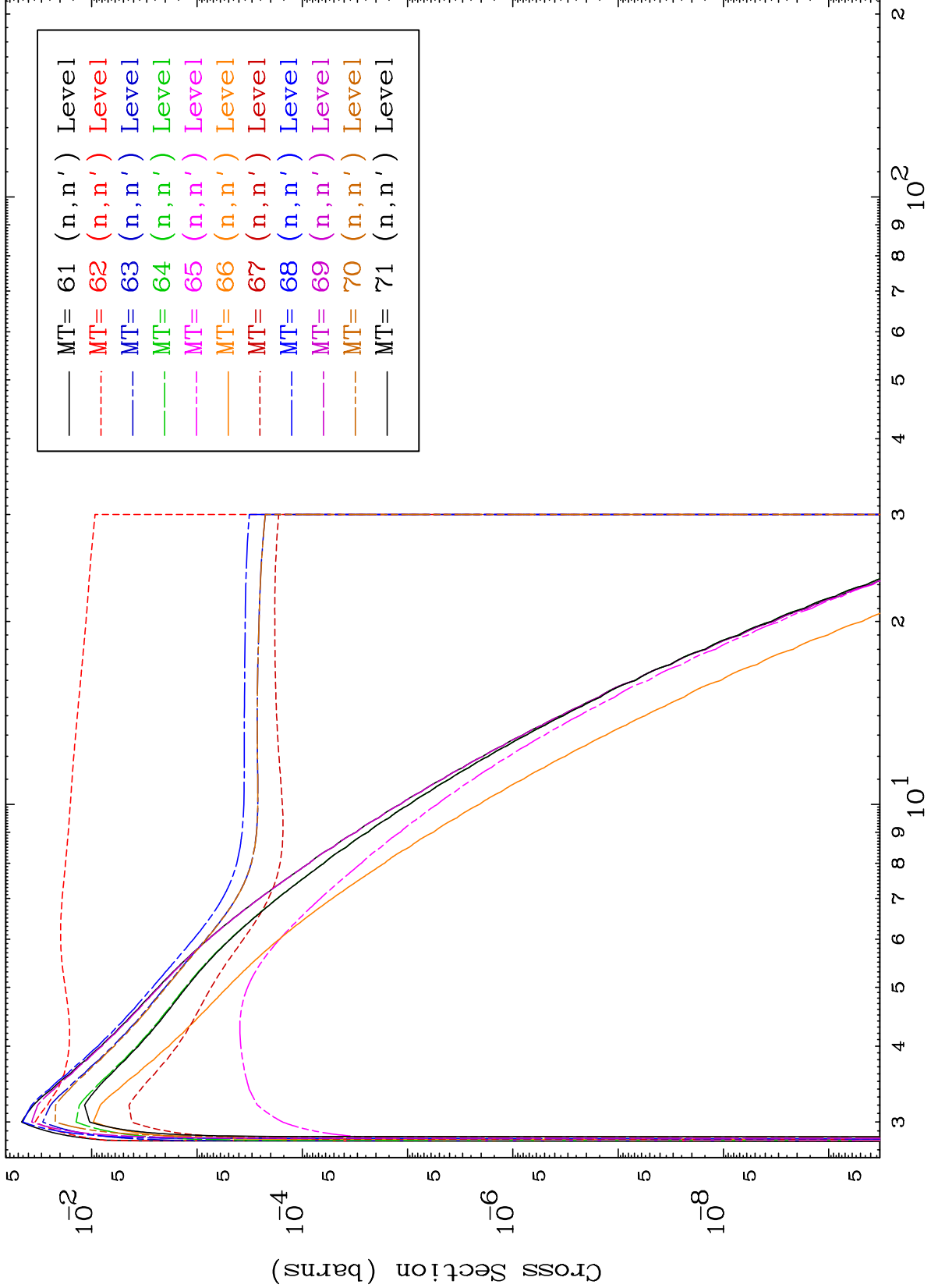
35-Br-84

MAT 3540

(n,n') Level

293 Kelvin Cross Sections

35-Br-84

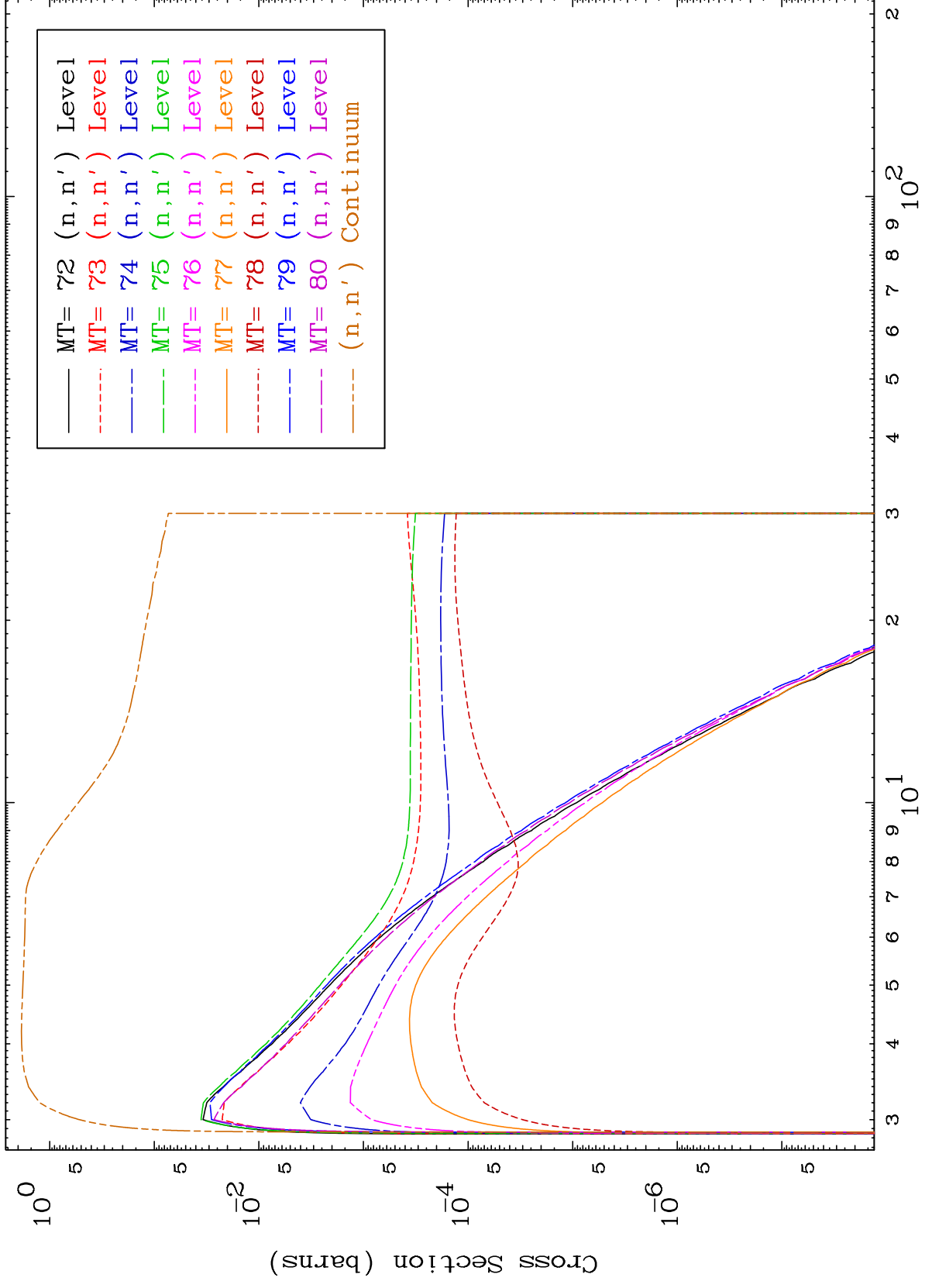


7

Incident Energy (MeV)

35-Br-84

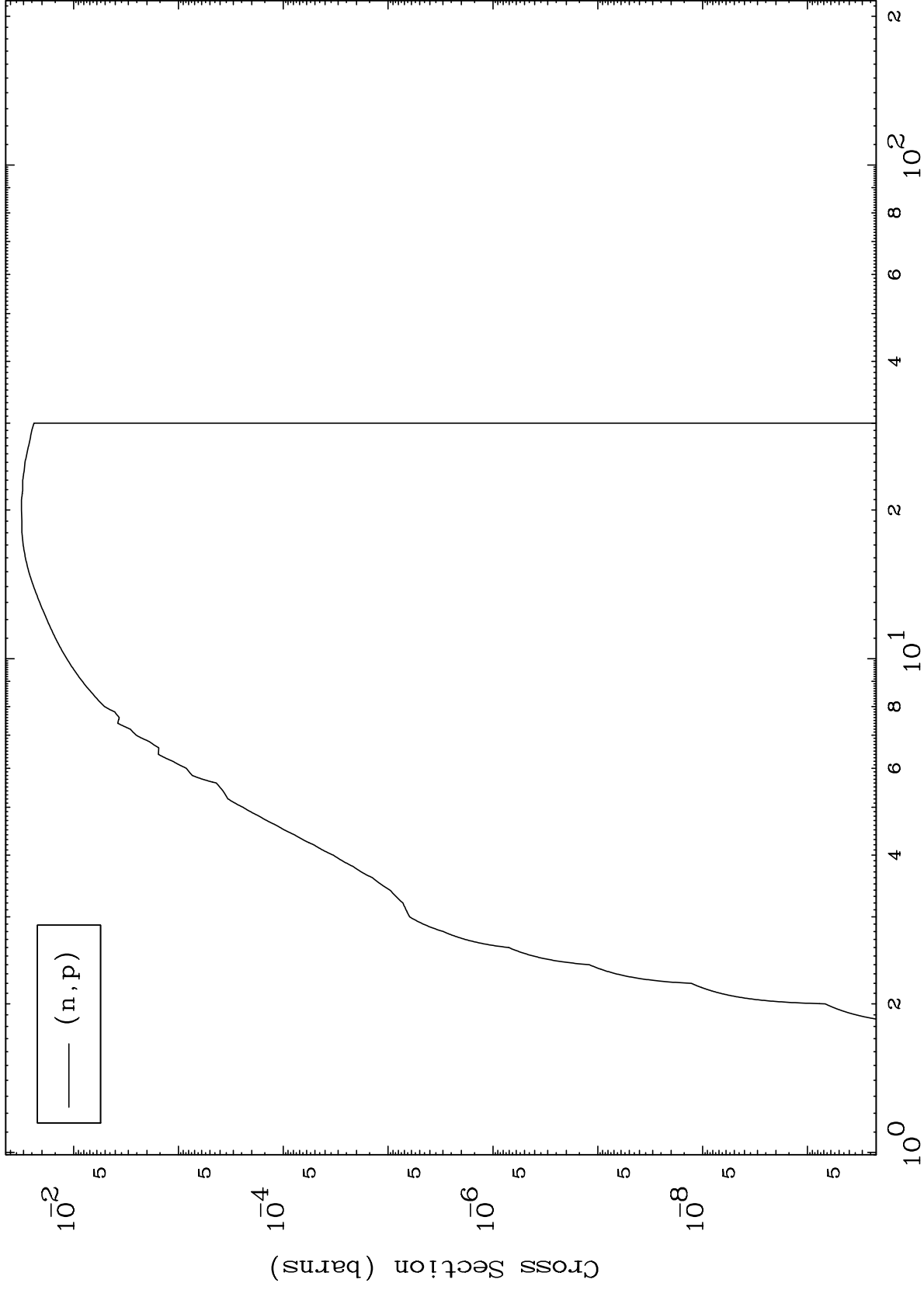
293 Kelvin Cross Sections



MAT 3540

(n,p) Levels
293 Kelvin Cross Sections

35-Br-84



9

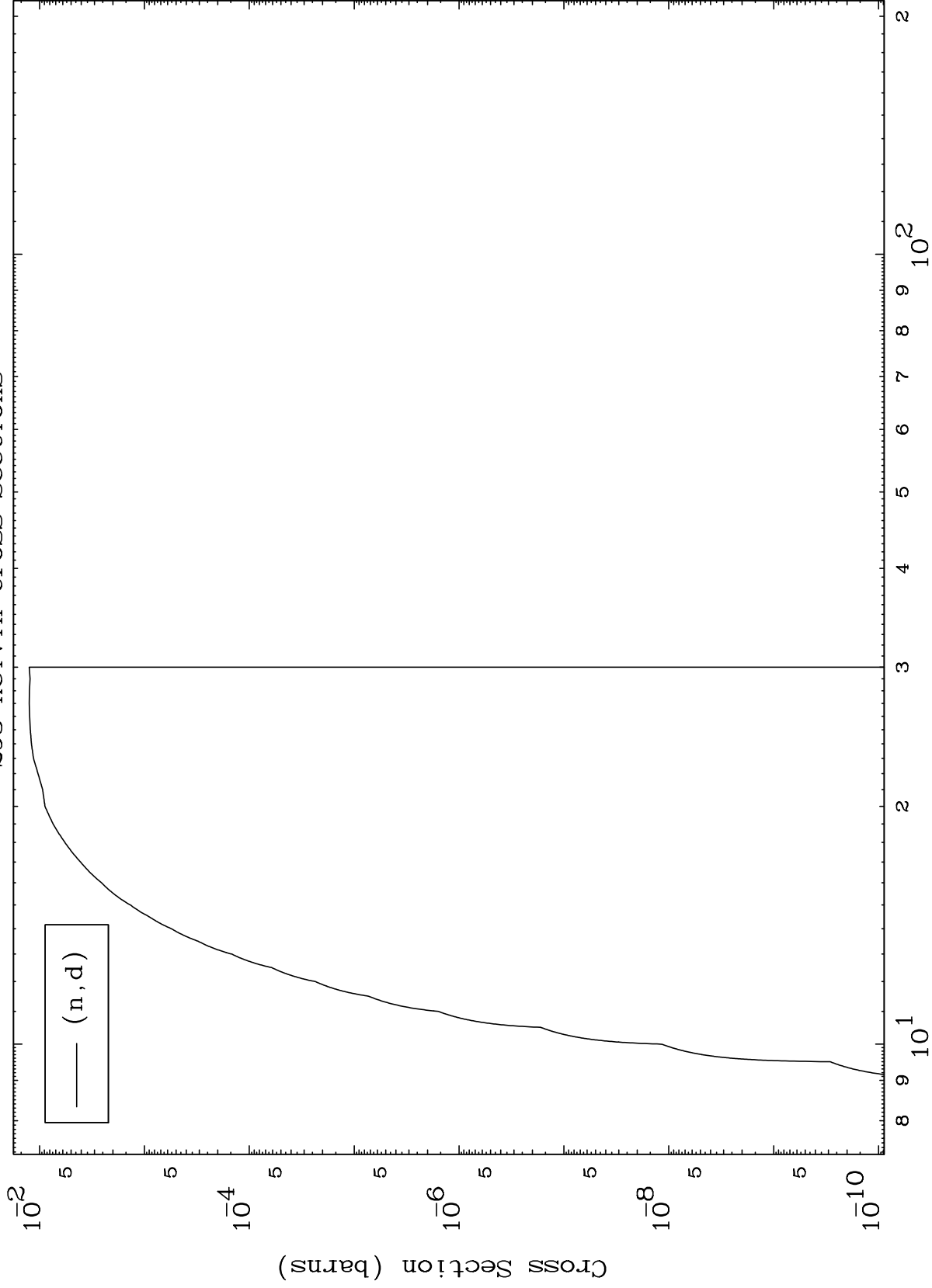
Incident Energy (MeV)

35-Br-84

MAT 3540

(n,d) Levels
293 Kelvin Cross Sections

35-Br-84



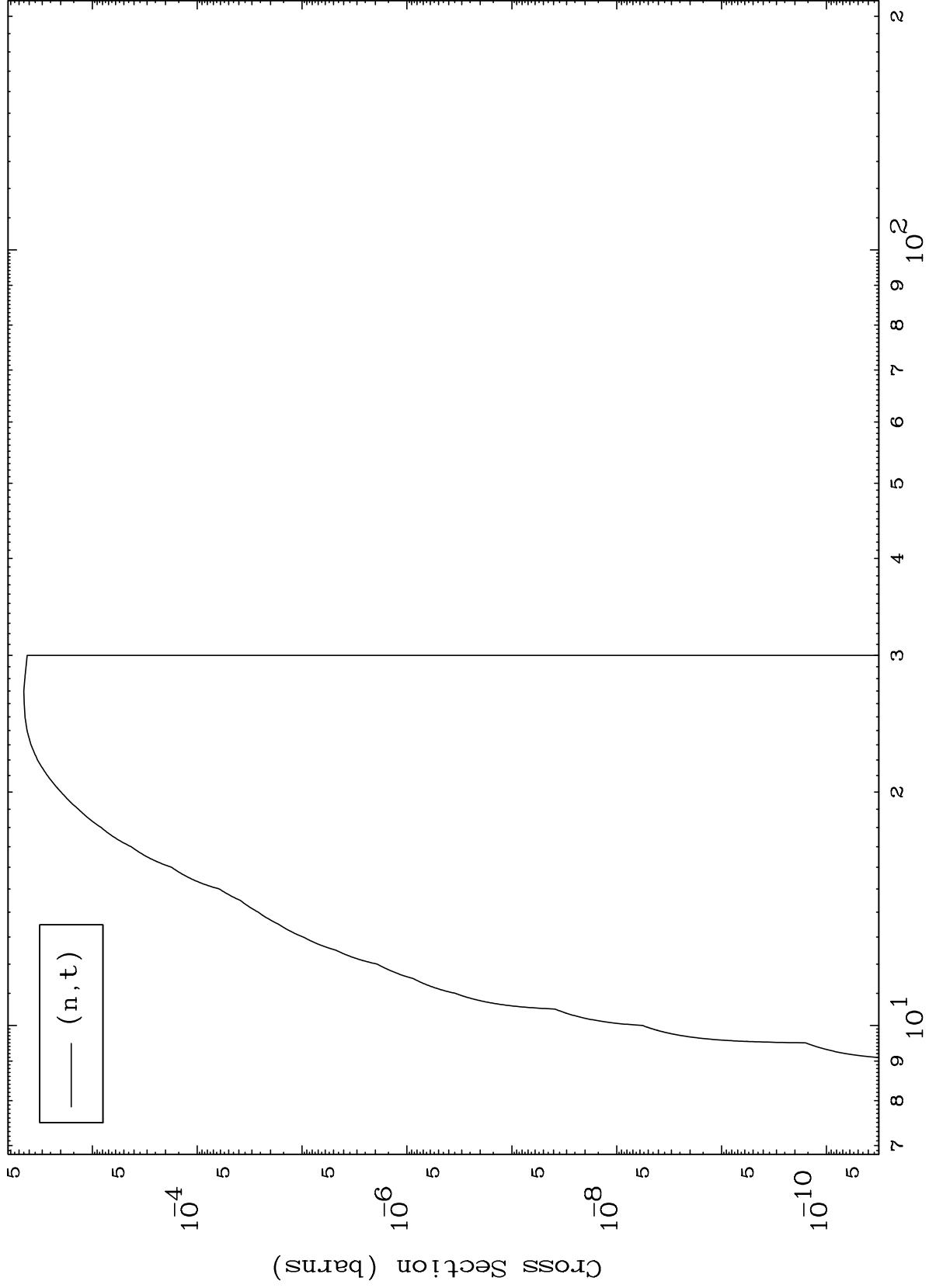
Incident Energy (MeV)

35-Br-84

MAT 3540

(n,t) Levels
293 Kelvin Cross Sections

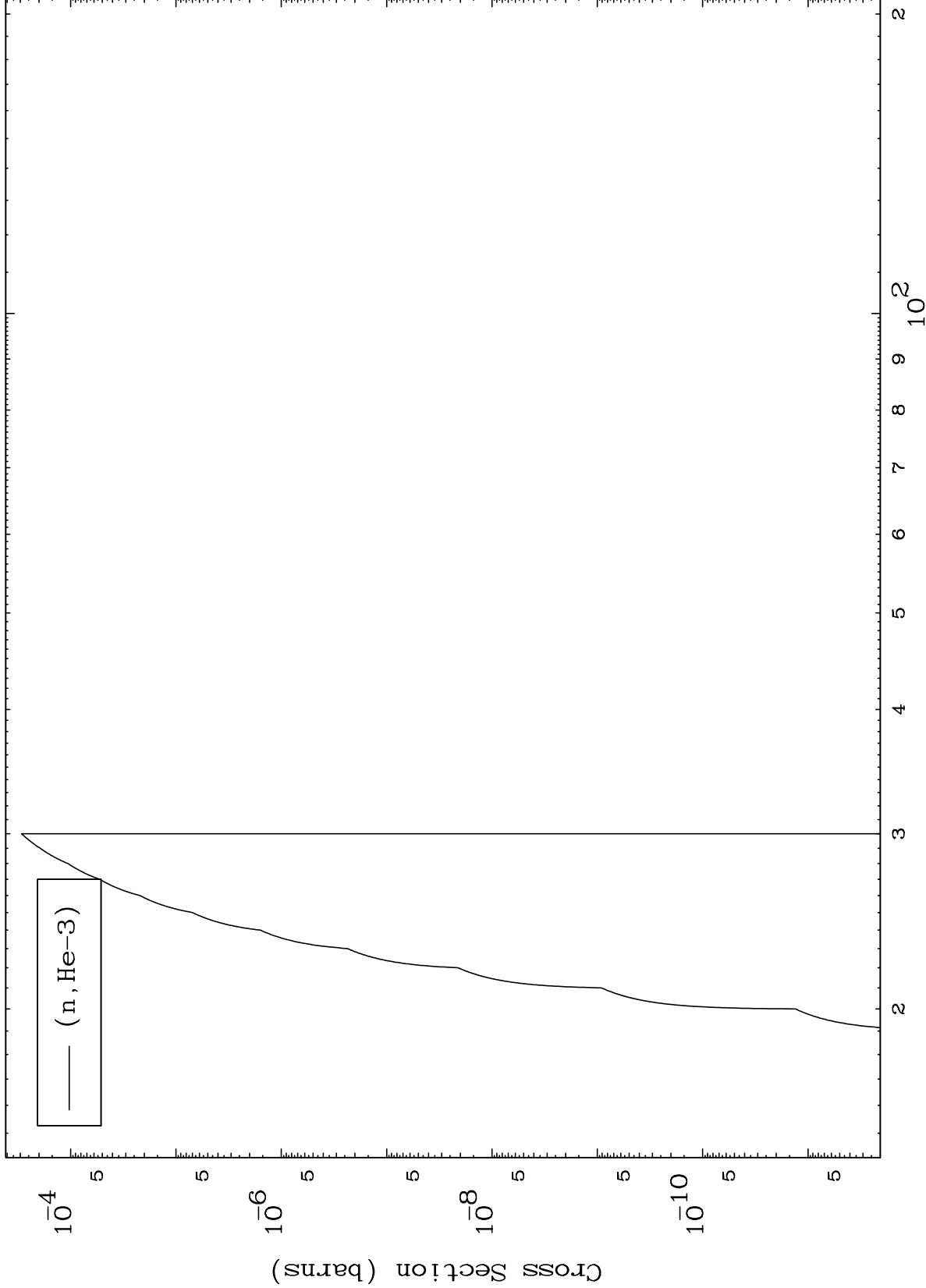
35-Br-84



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Incident Energy (MeV)

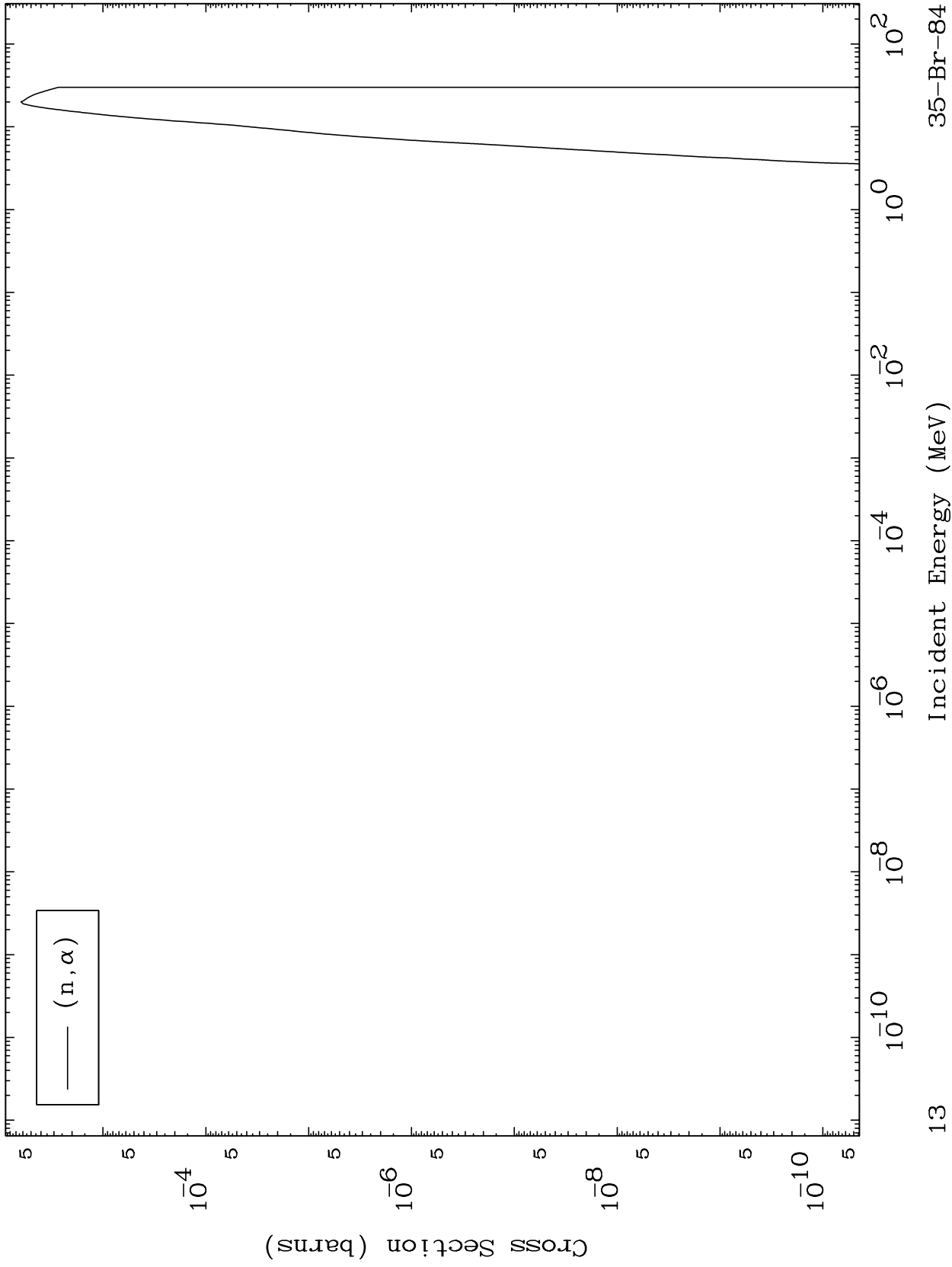
35-Br-84

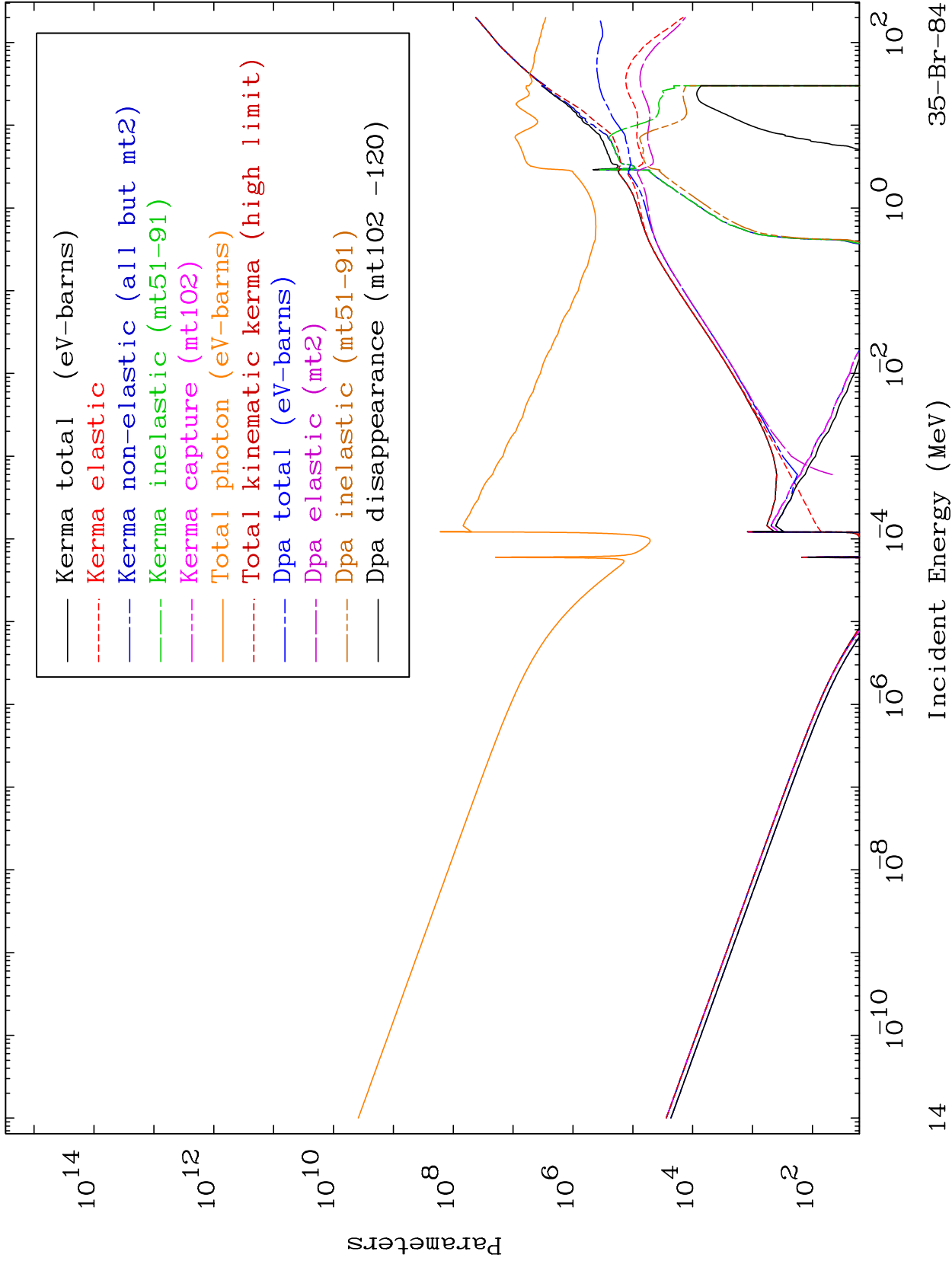


MAT 3540

(n, α) Levels
293 Kelvin Cross Sections

35-Br-84

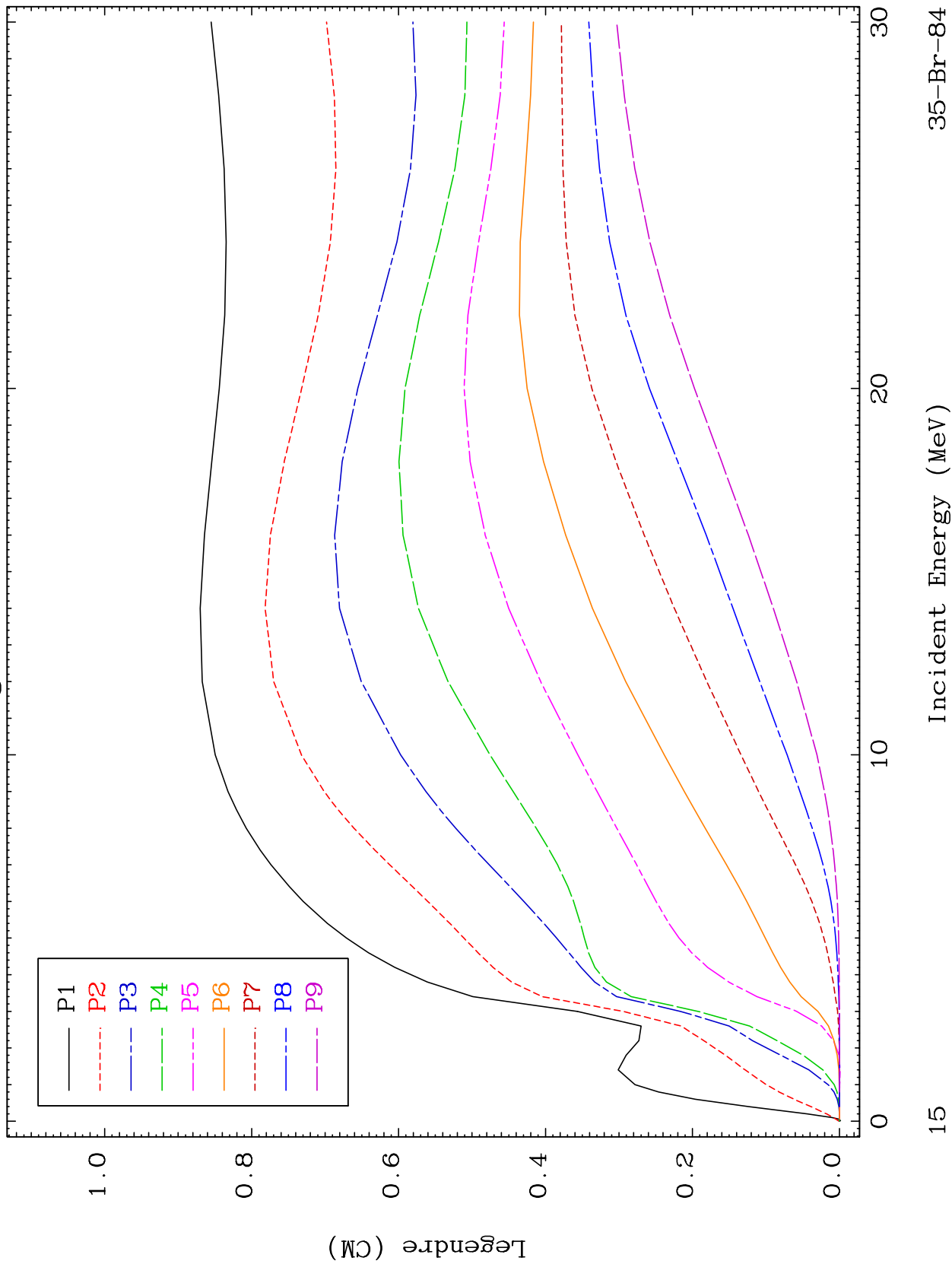




MAT 3540

Elastic Legendre Coefficients

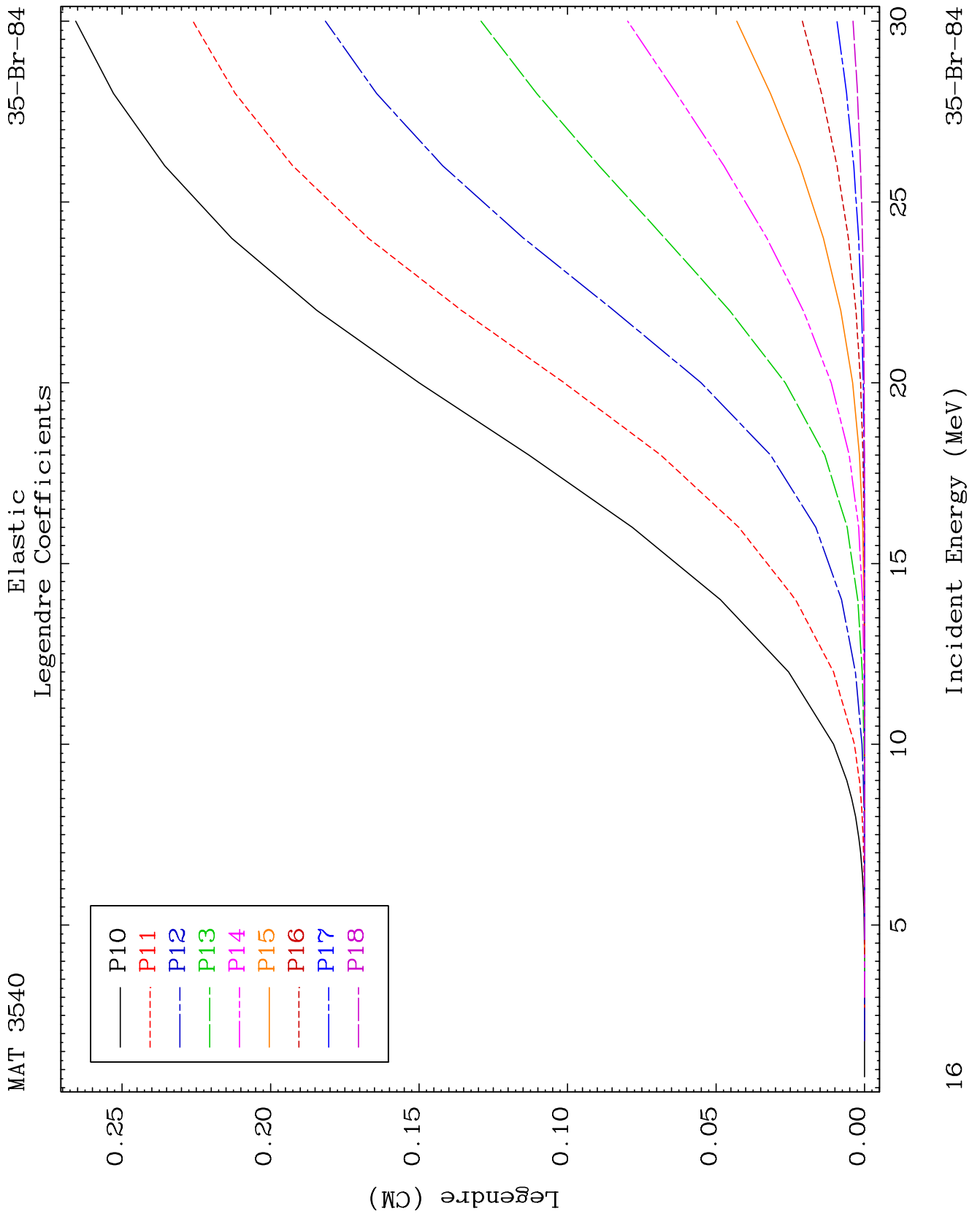
³⁵Br-84



15

Incident Energy (MeV)

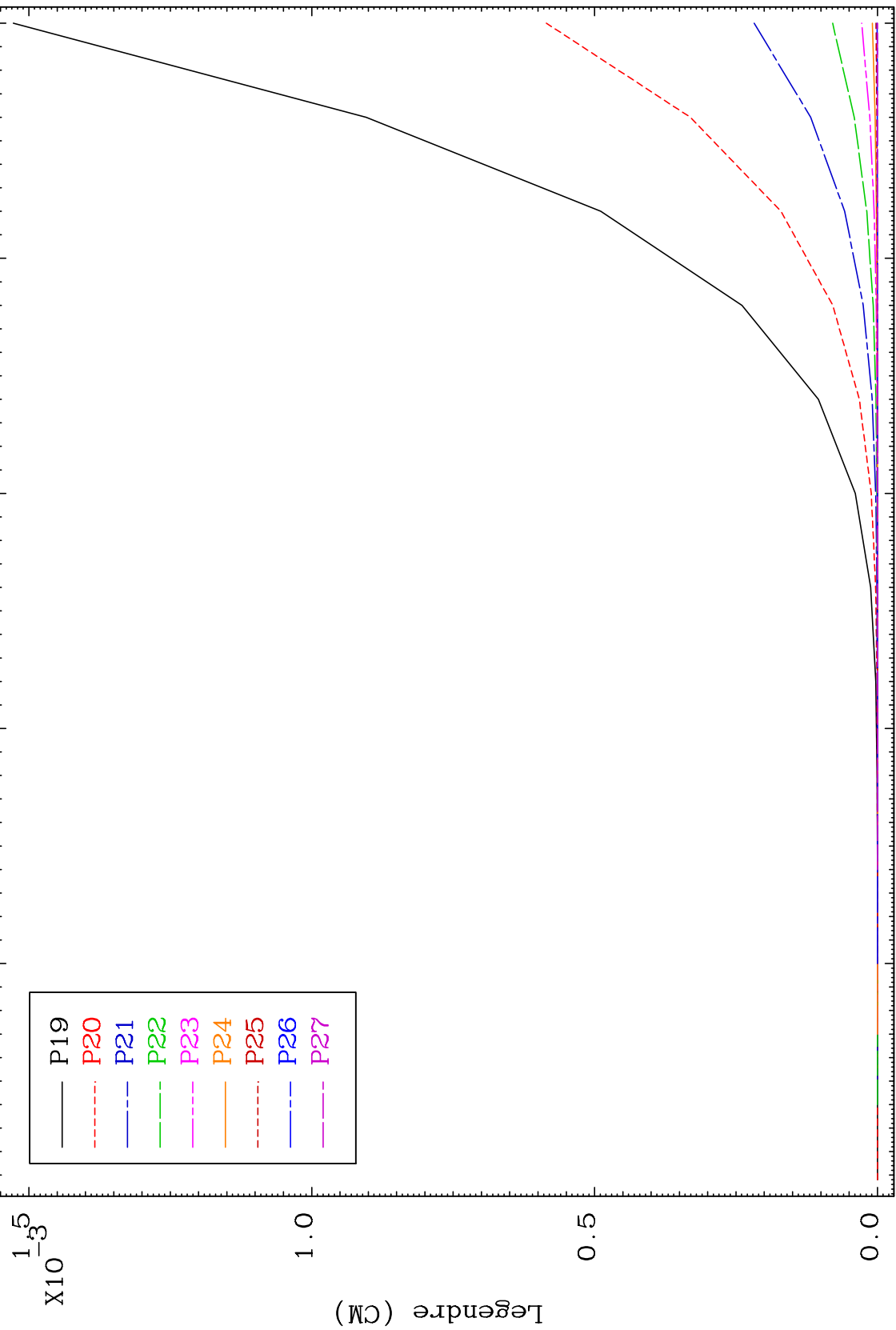
³⁵Br-84



MAT 3540

Elastic
Legendre Coefficients

35-Br-84



17

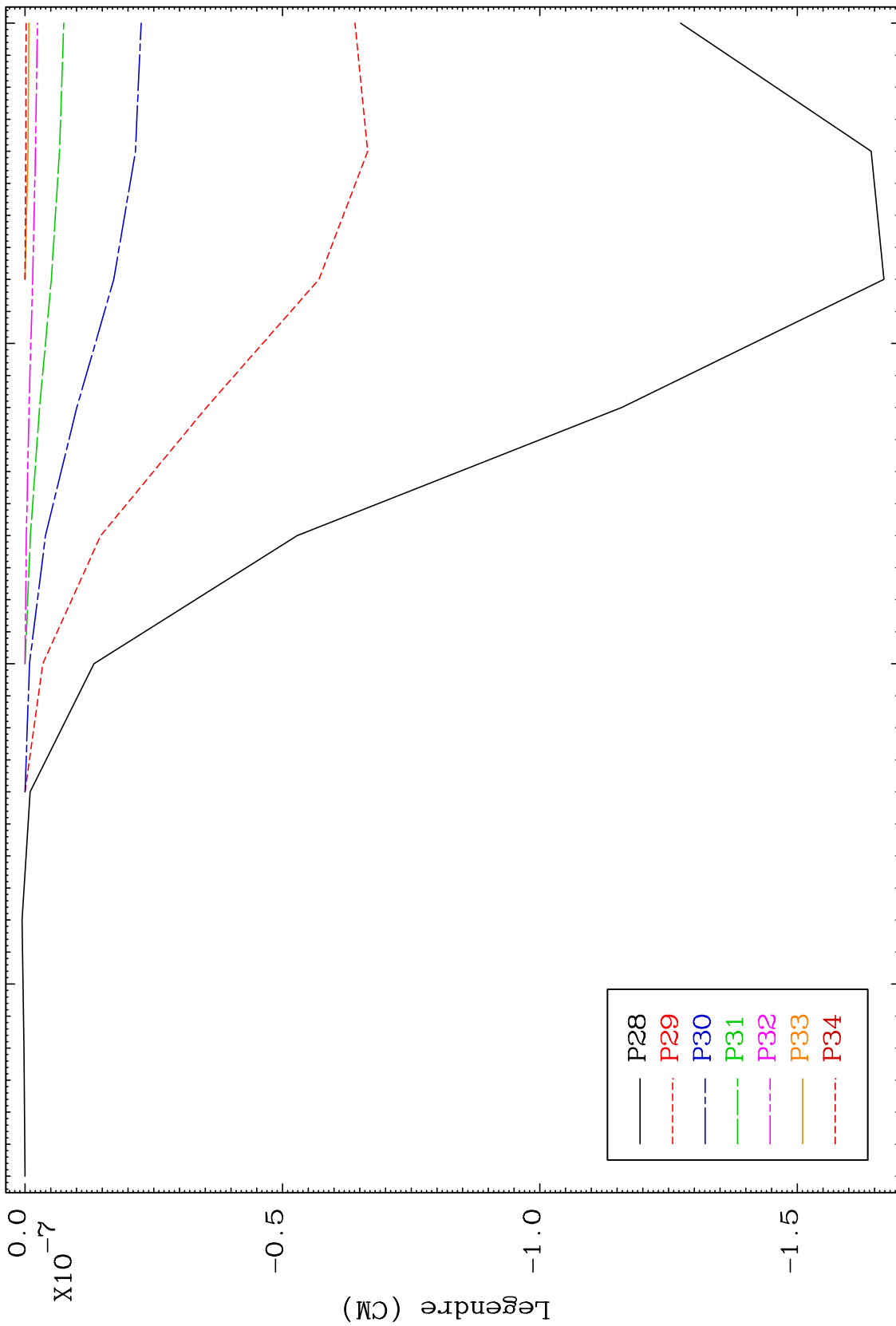
Incident Energy (MeV)

35-Br-84

MAT 3540

35-Br-84

Elastic Legendre Coefficients

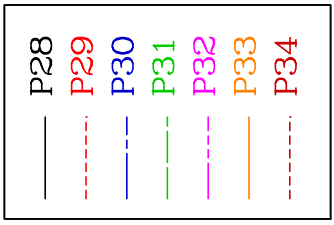


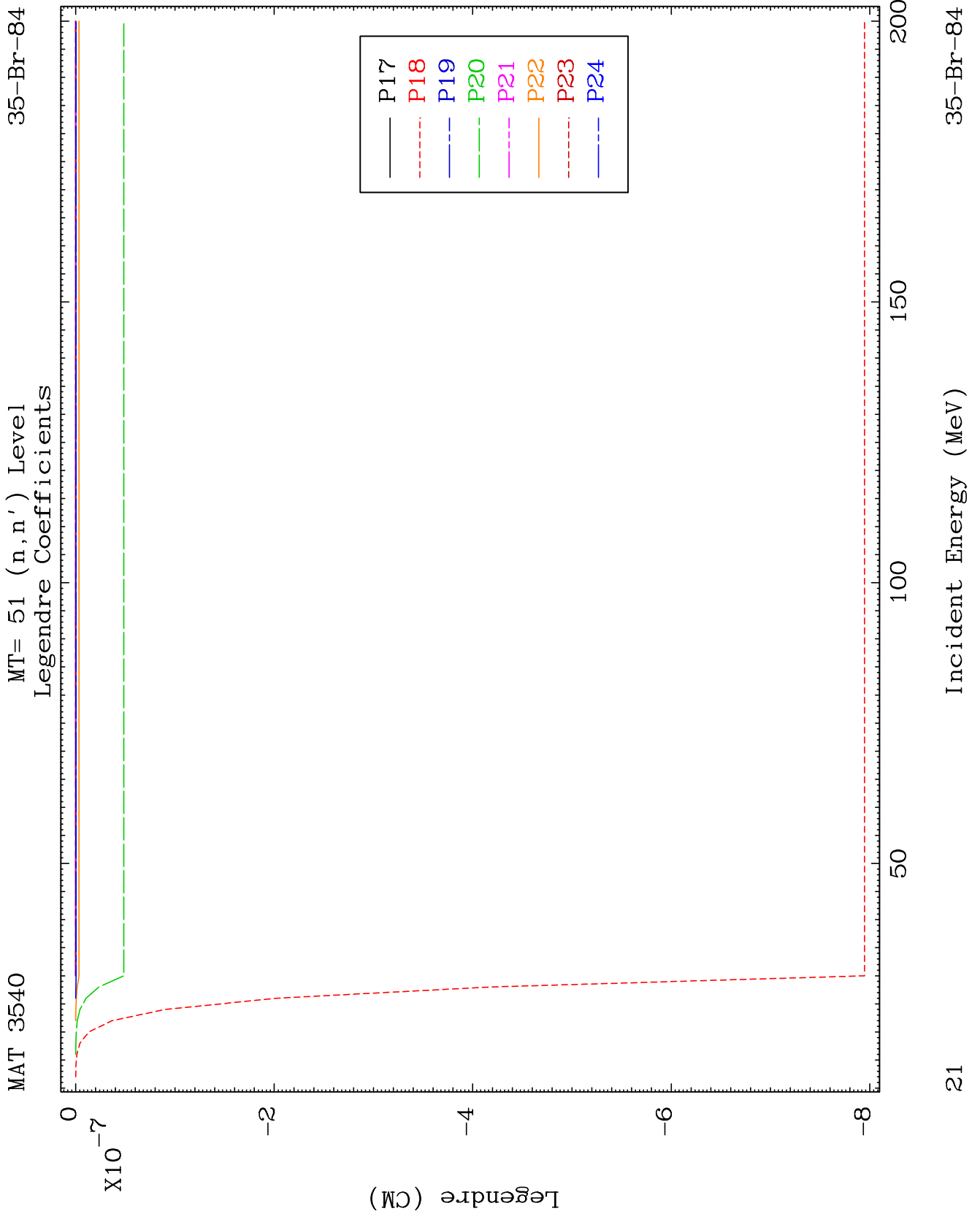
Legendre (CM)
X10⁻⁷

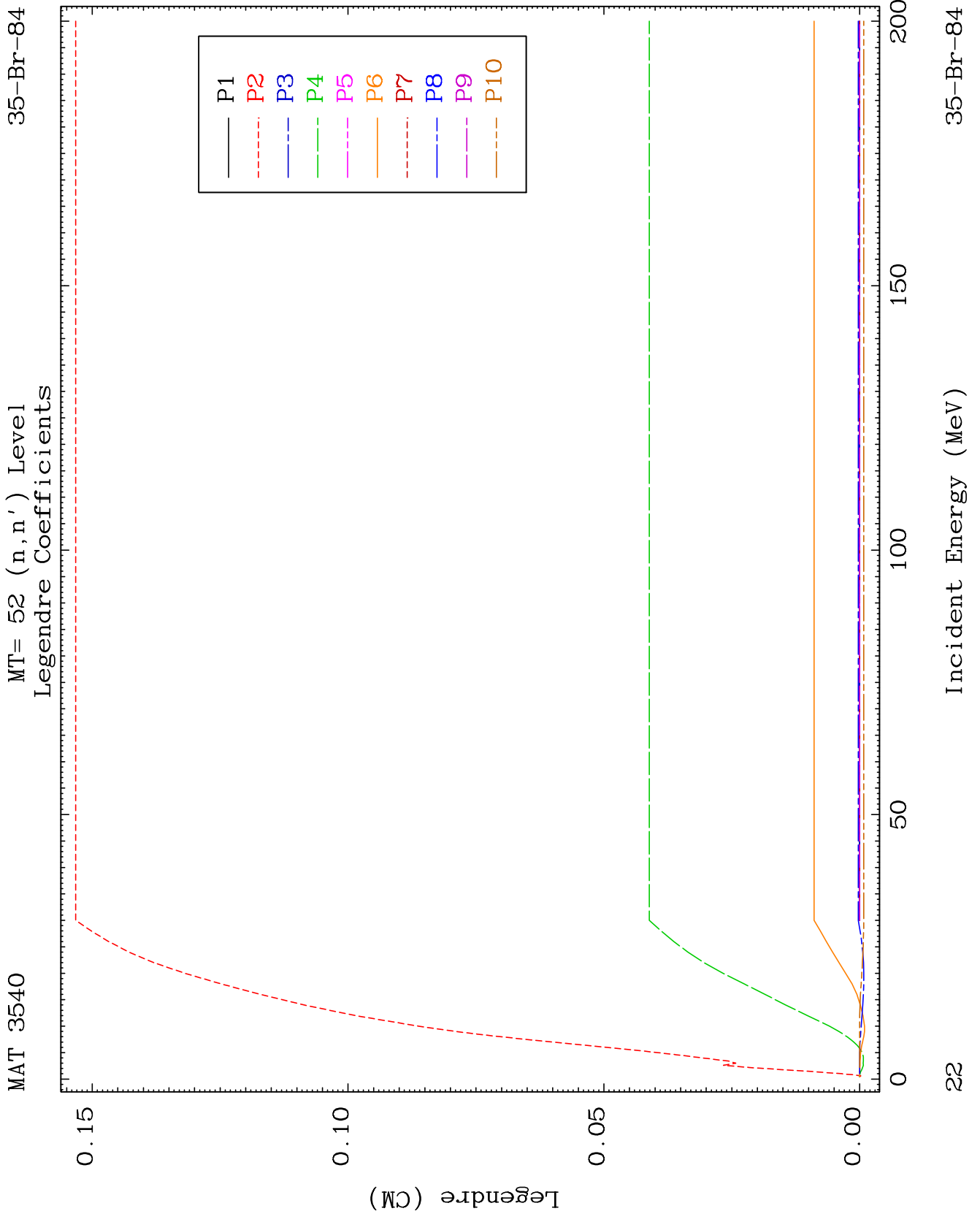
Incident Energy (MeV)

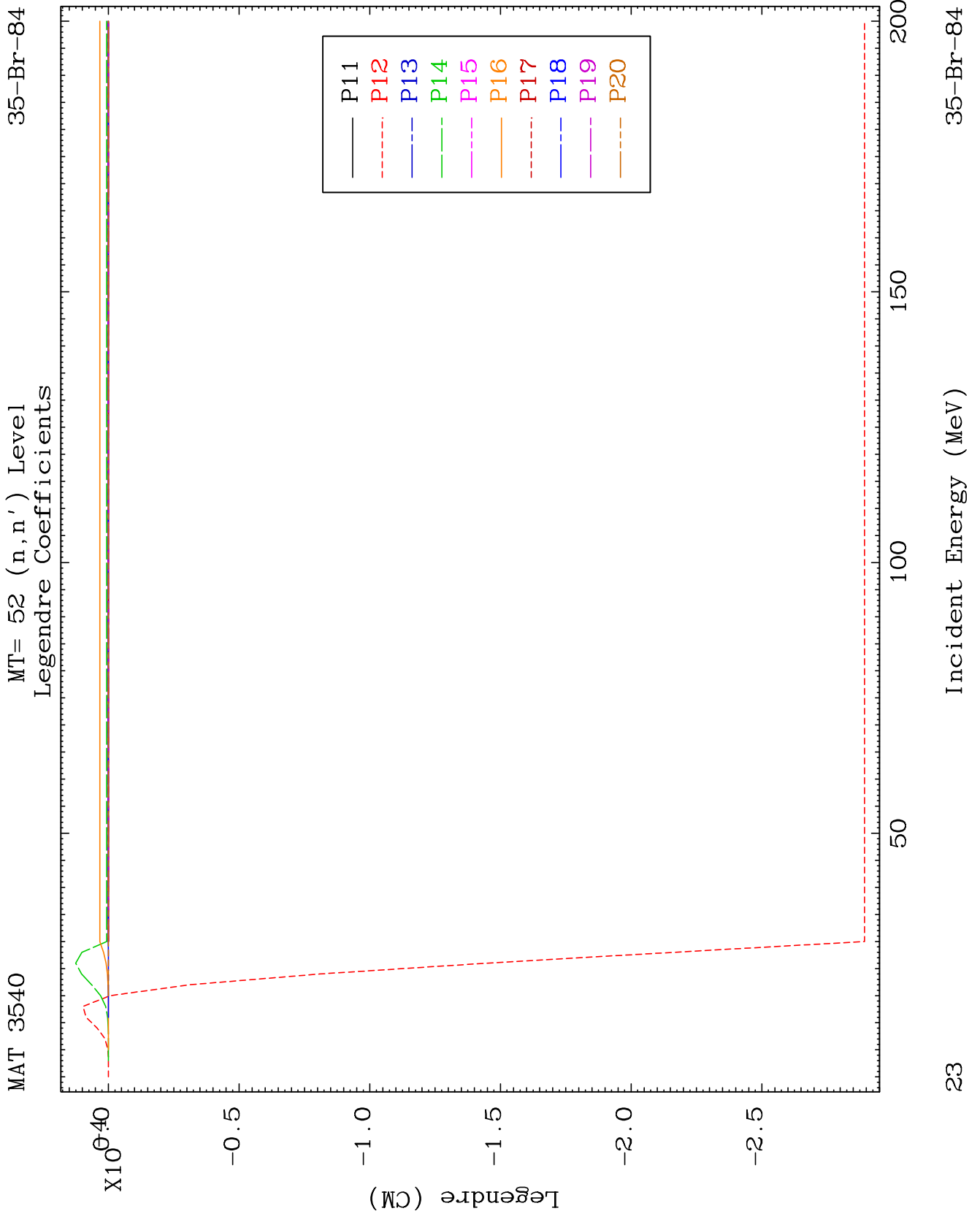
35-Br-84

18





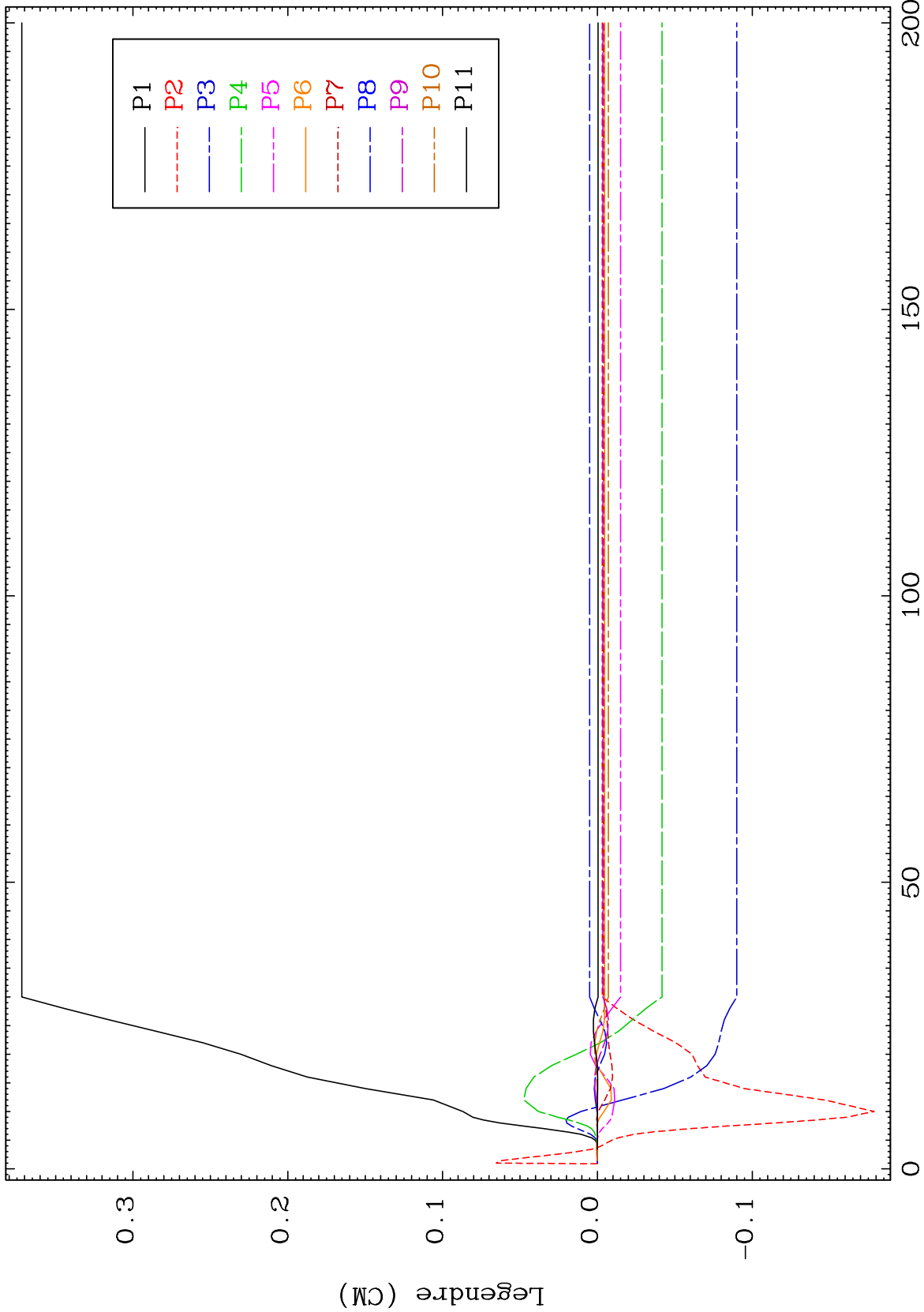




MAT 3540

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

35-Br-84



24

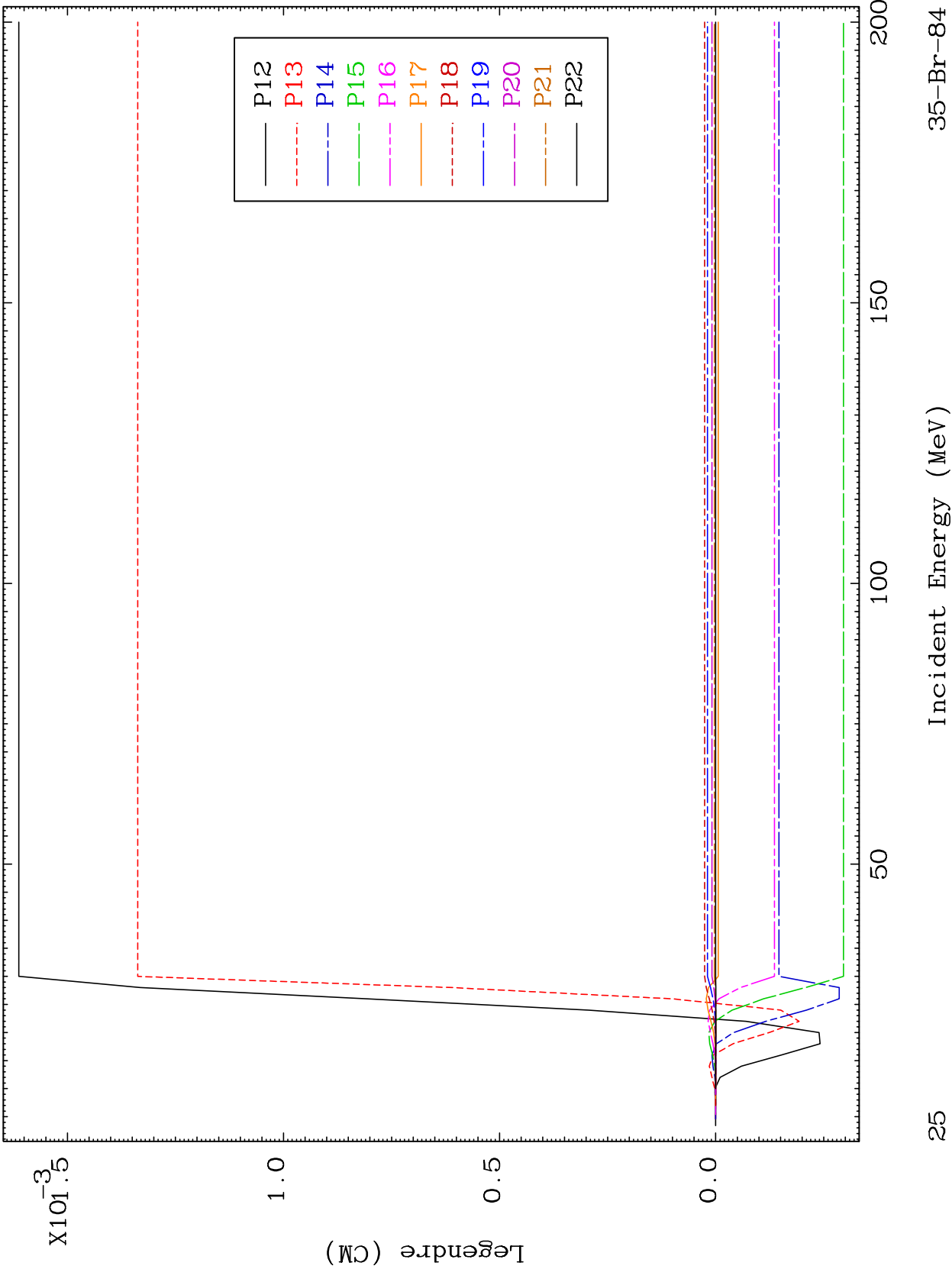
Incident Energy (MeV)

35-Br-84

MAT 3540

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

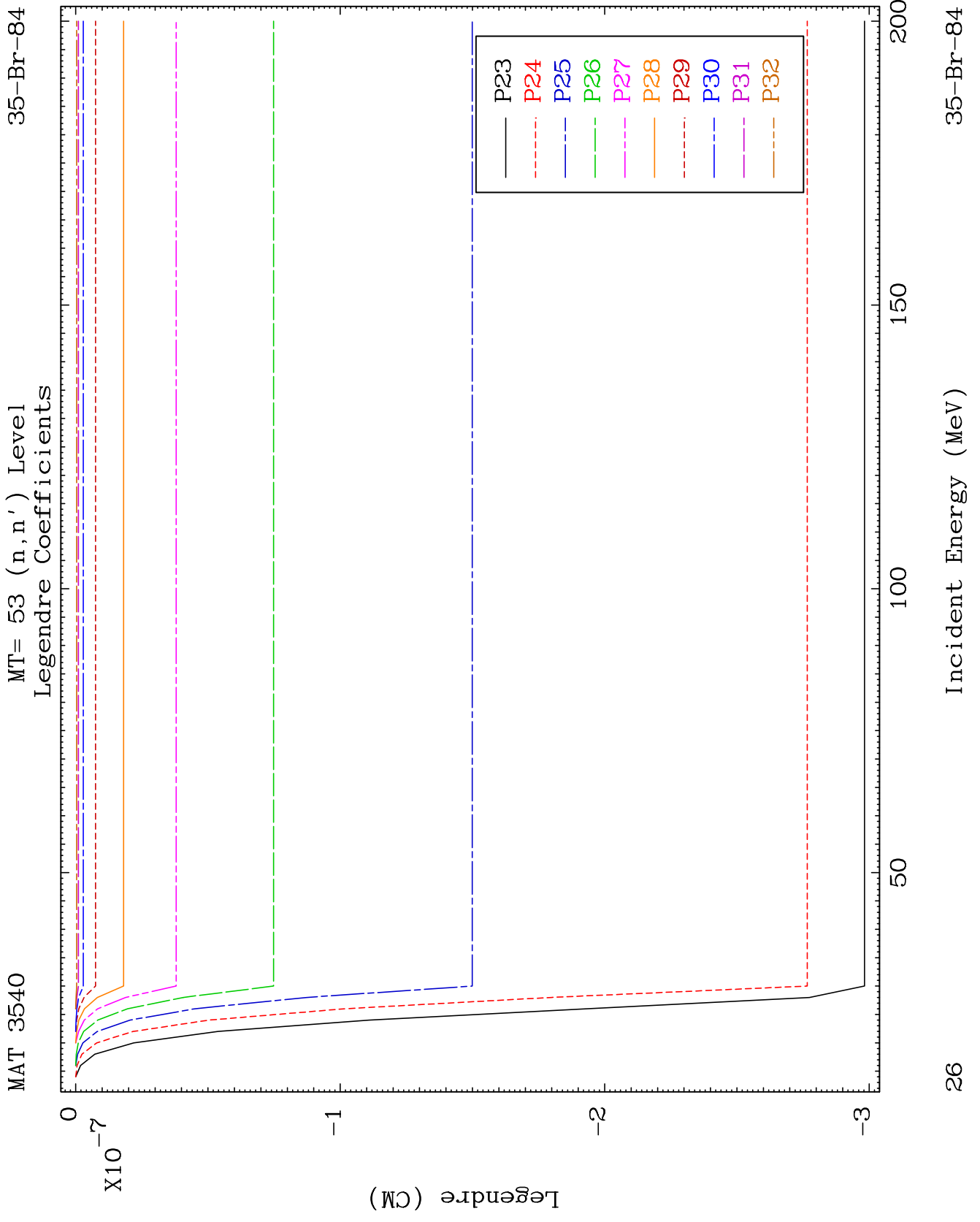
35-Br-84



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Incident Energy (MeV)

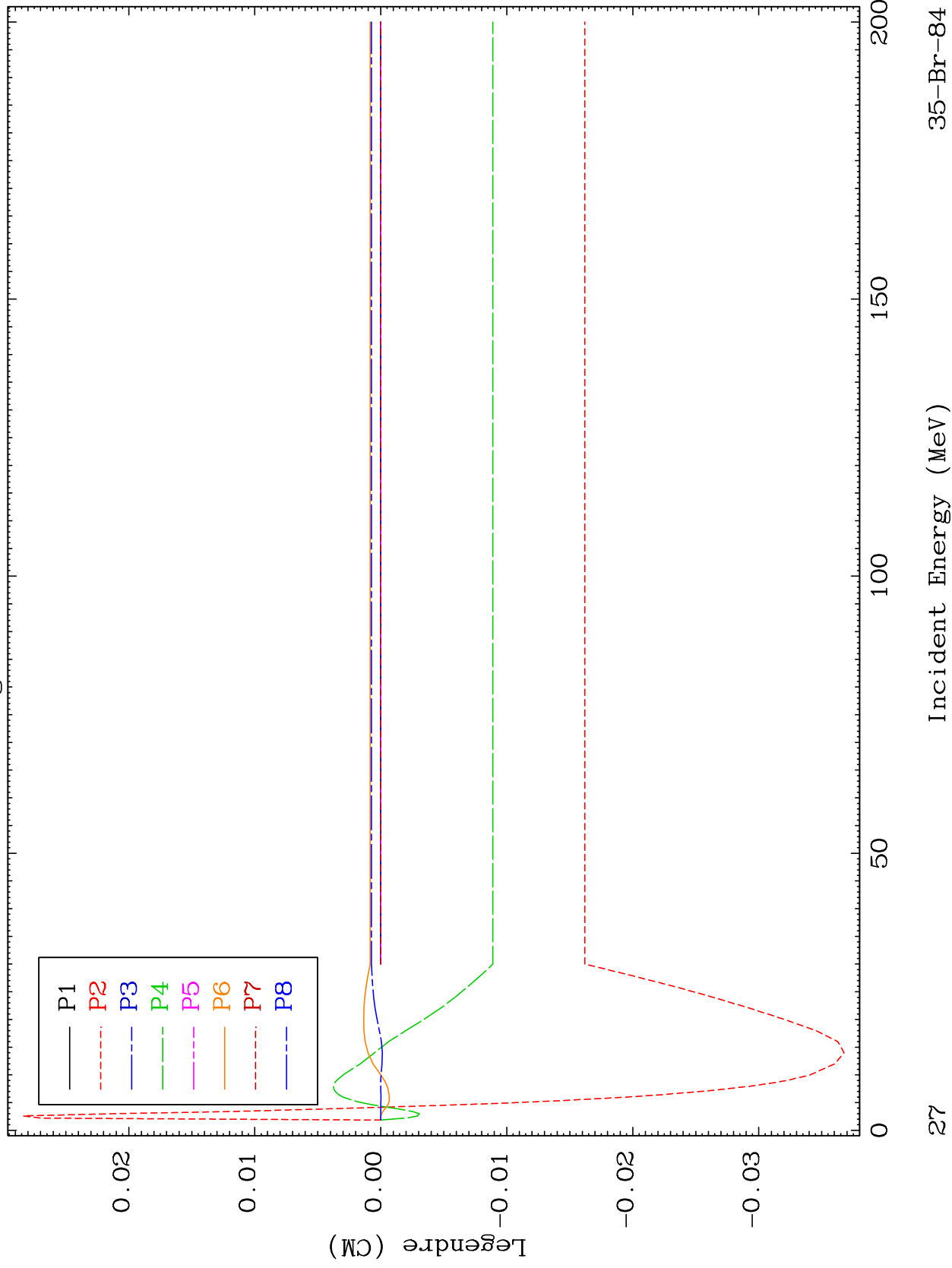
35-Br-84



MAT 3540

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

35-Br-84



27

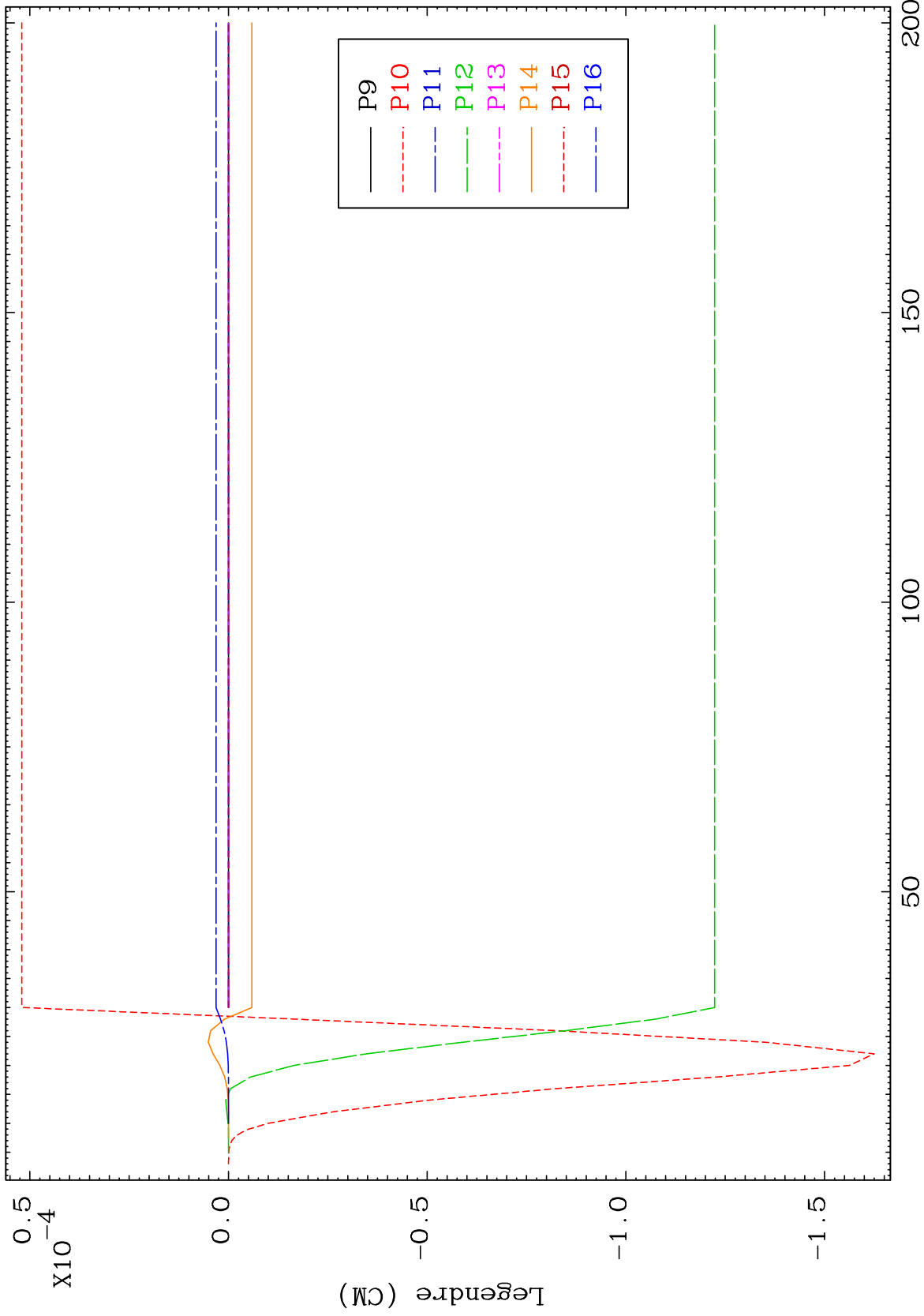
Incident Energy (MeV)

35-Br-84

MAT 3540

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

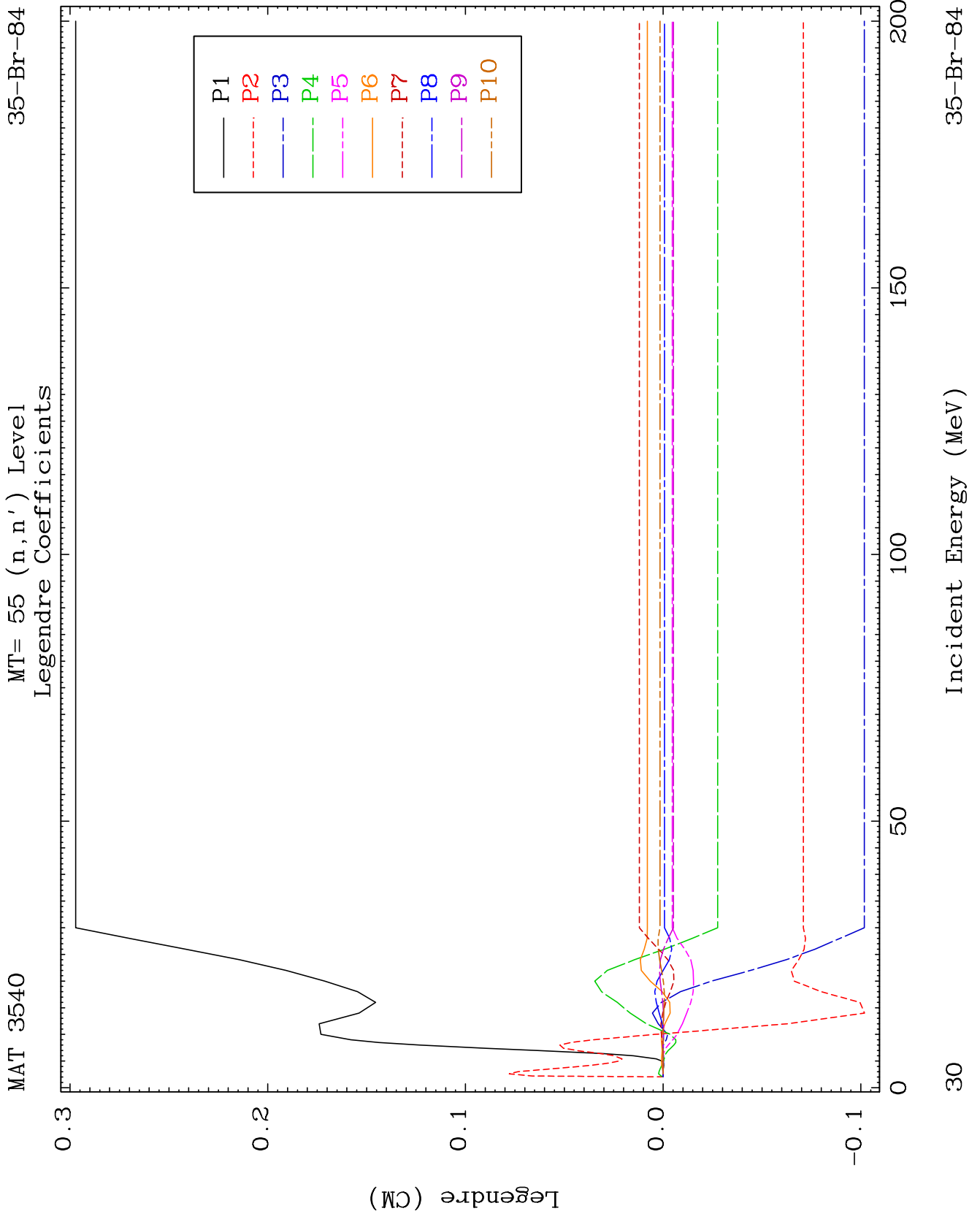
35-Br-84



28

Incident Energy (MeV)

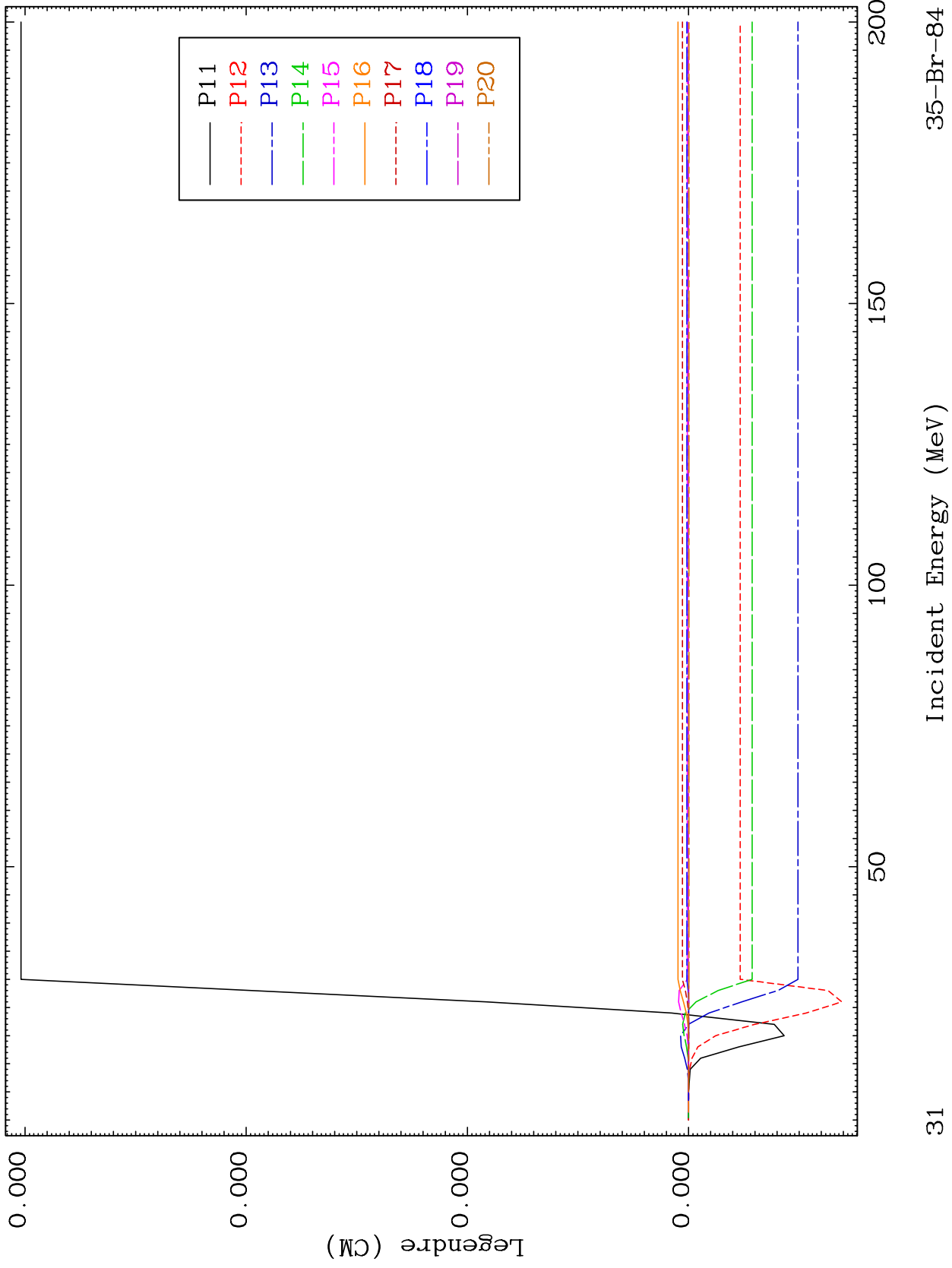
35-Br-84



MAT 3540

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

35-Br-84



31

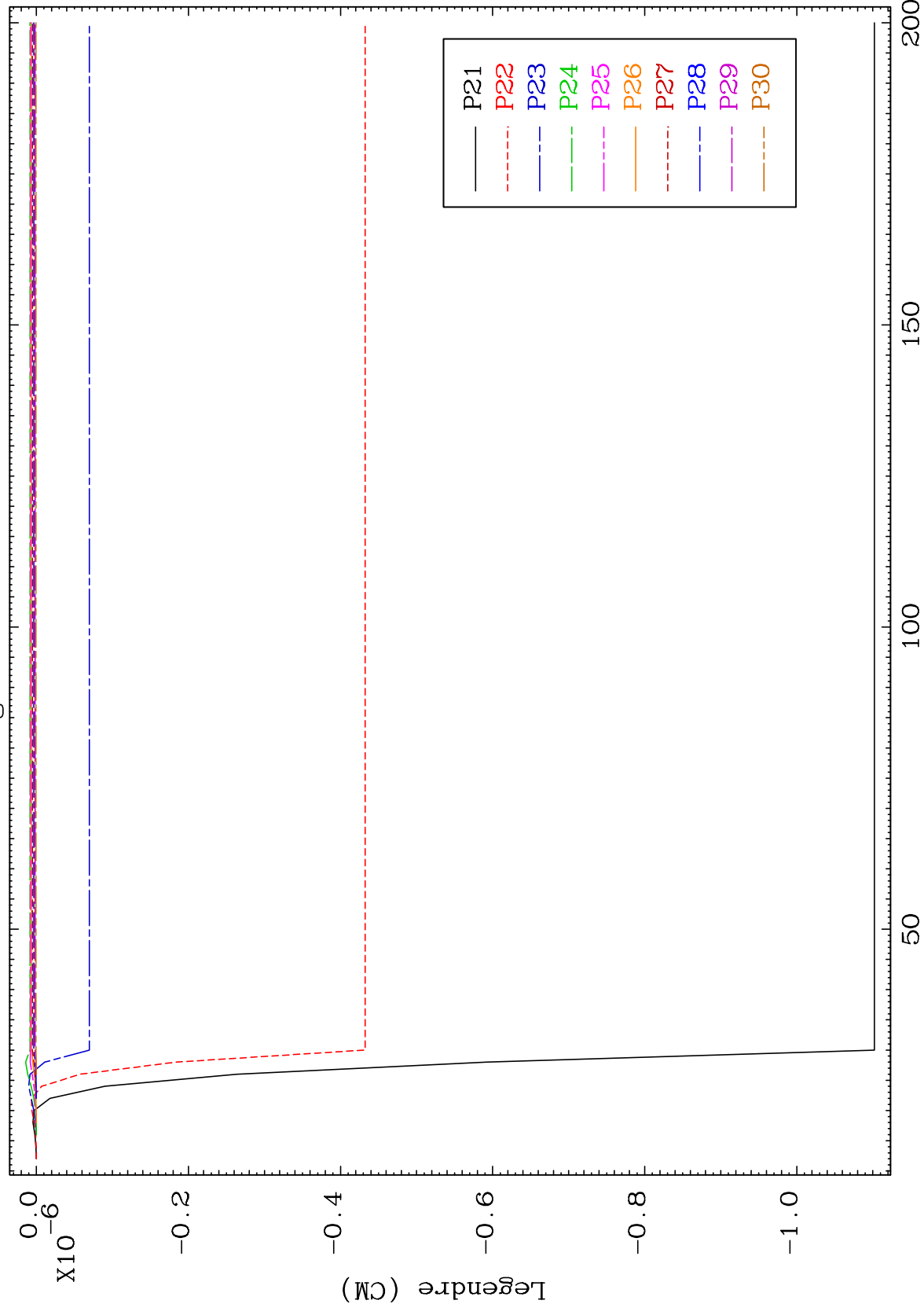
Incident Energy (MeV)

35-Br-84

MAT 3540

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

35-Br-84



32

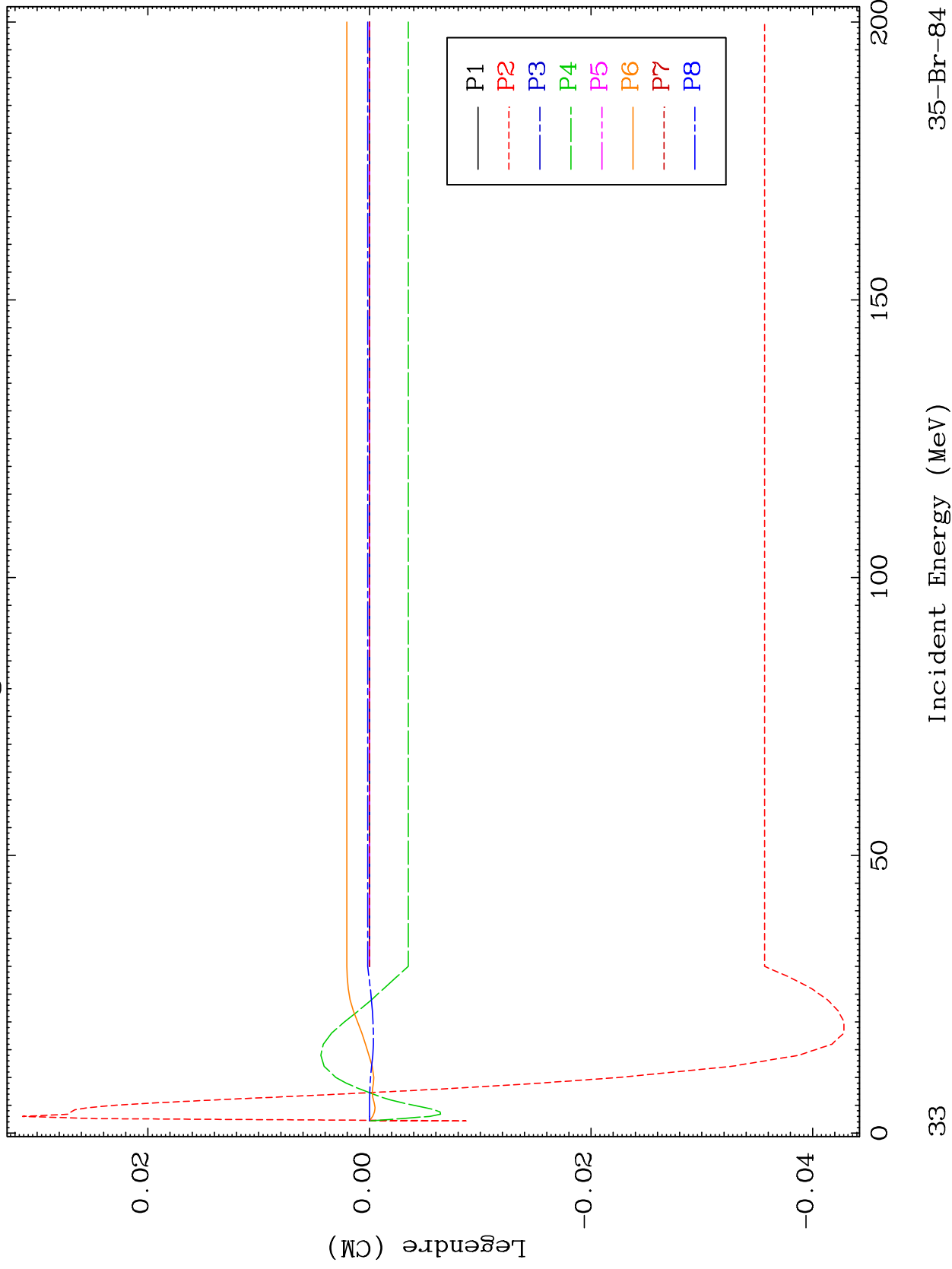
Incident Energy (MeV)

35-Br-84

MAT 3540

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

35-Br-84



35-Br-84

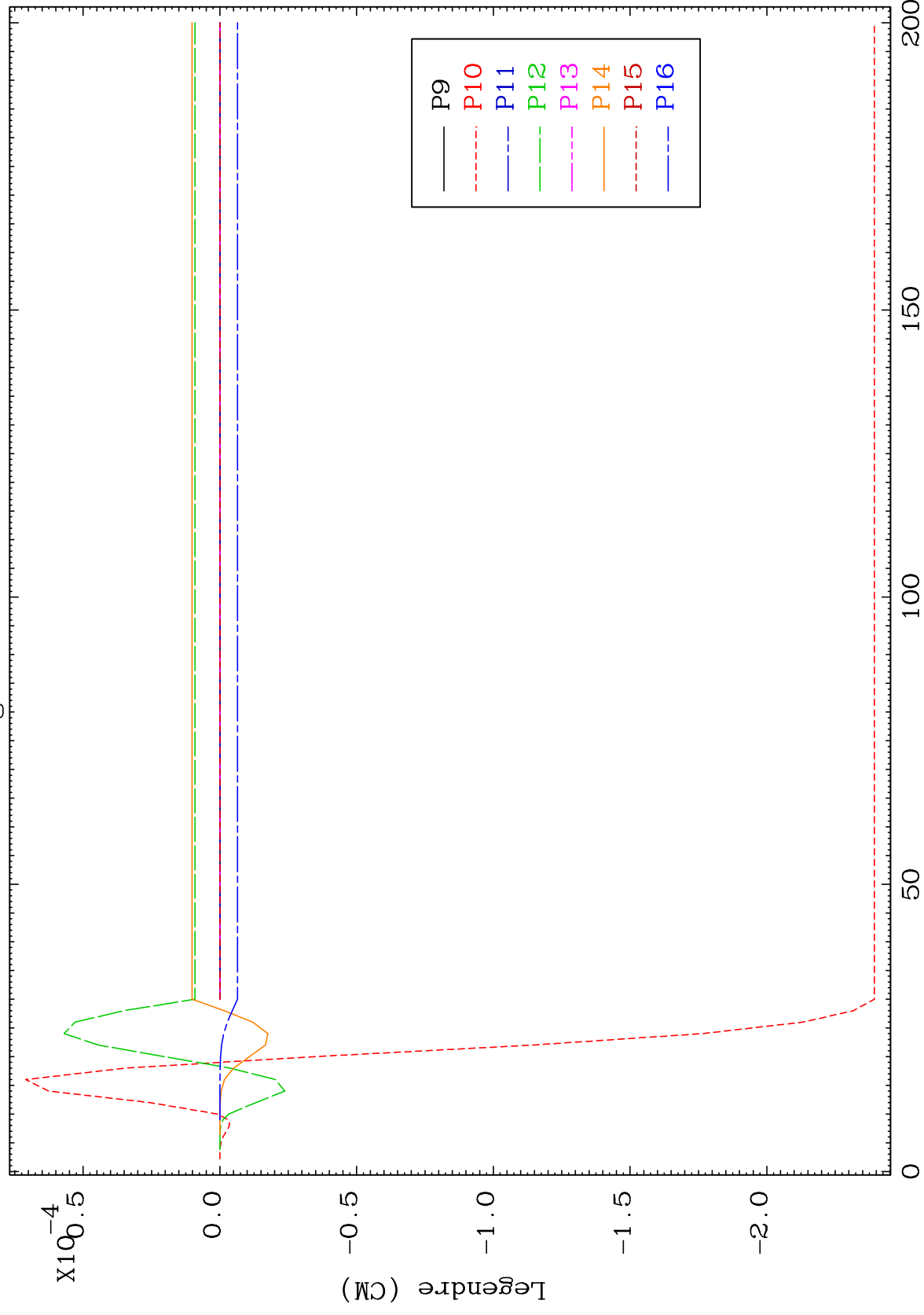
Incident Energy (MeV)

33

MAT 3540

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

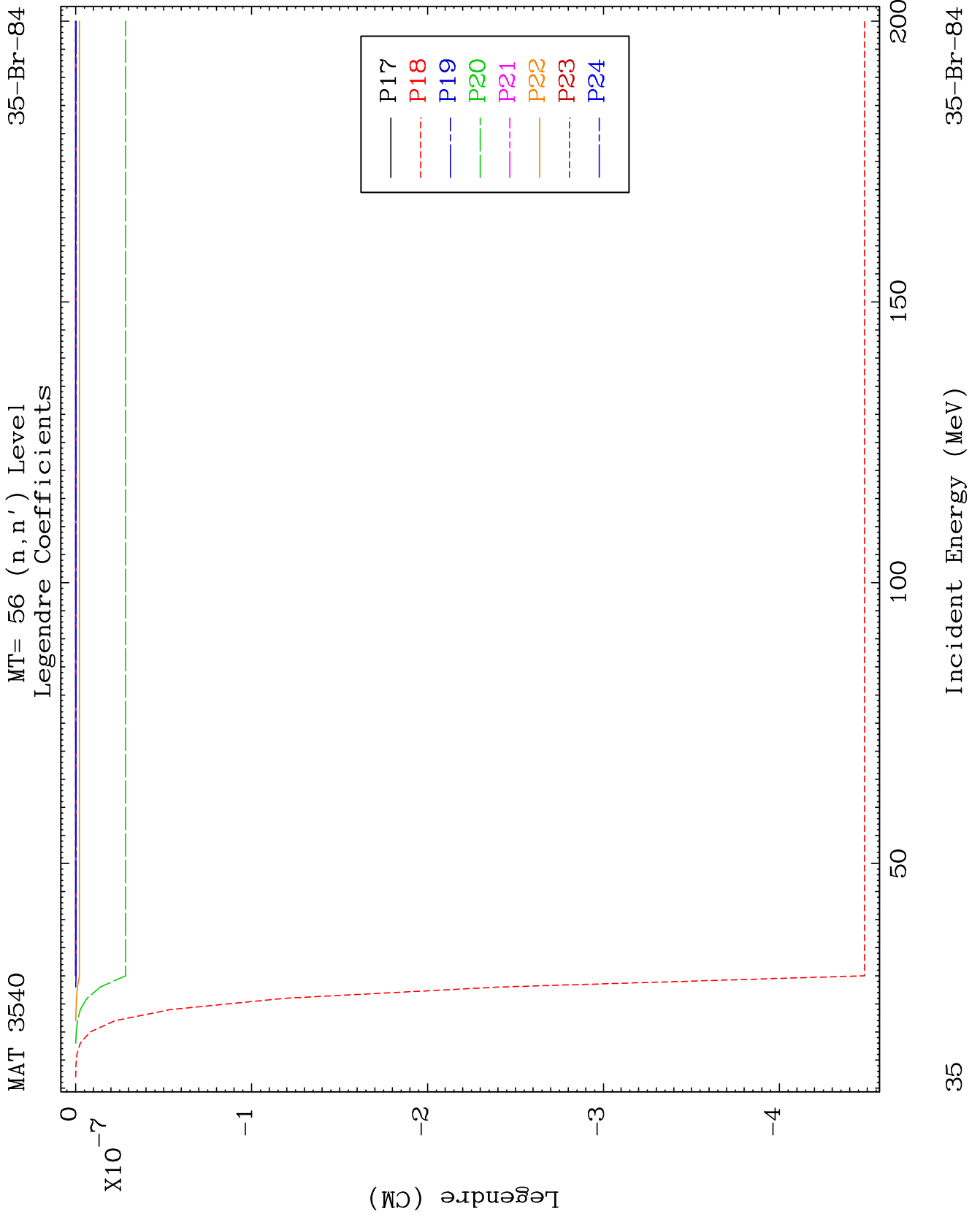
35-Br-84



34

Incident Energy (MeV)

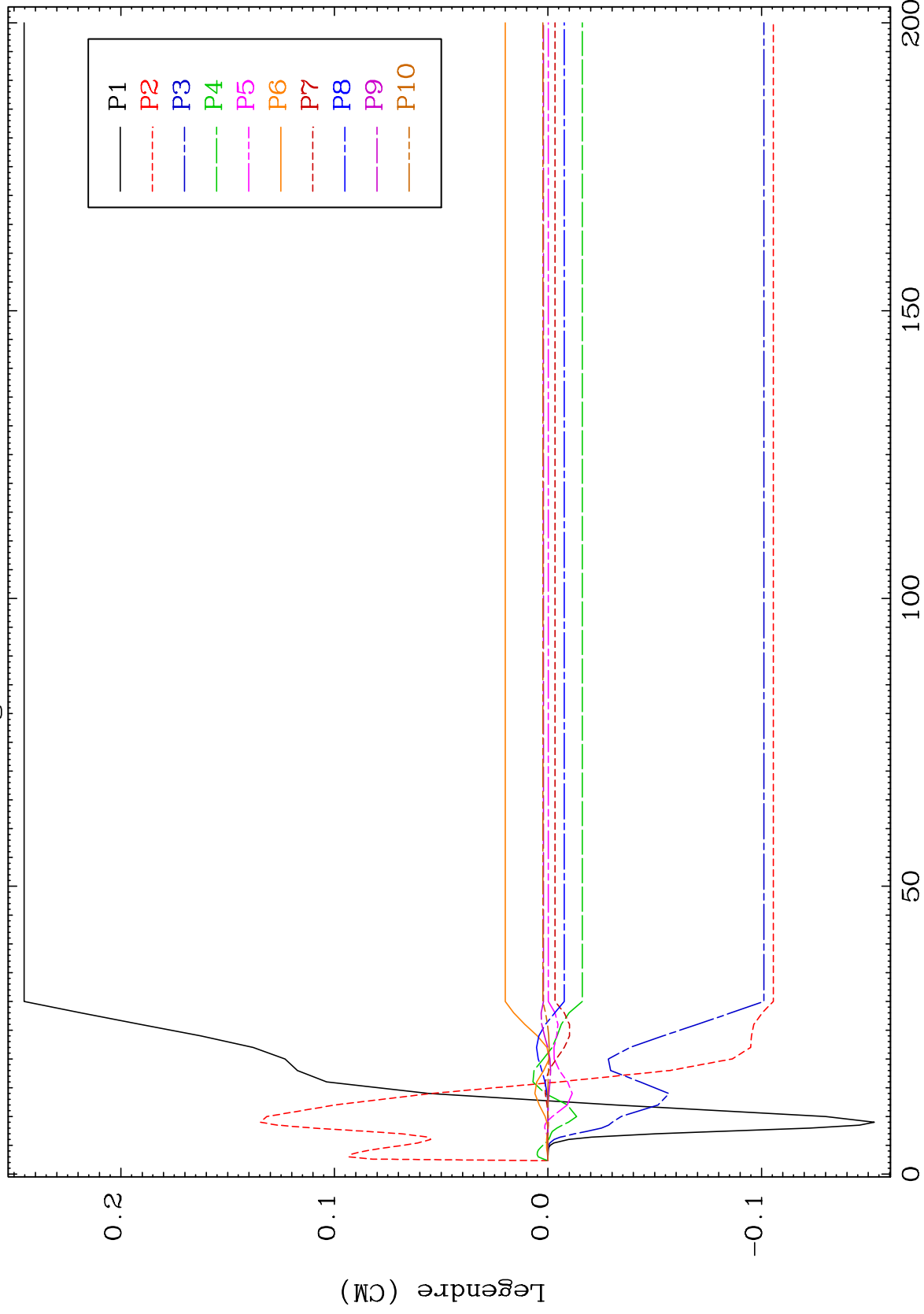
35-Br-84



MAT 3540

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

35-Br-84



36

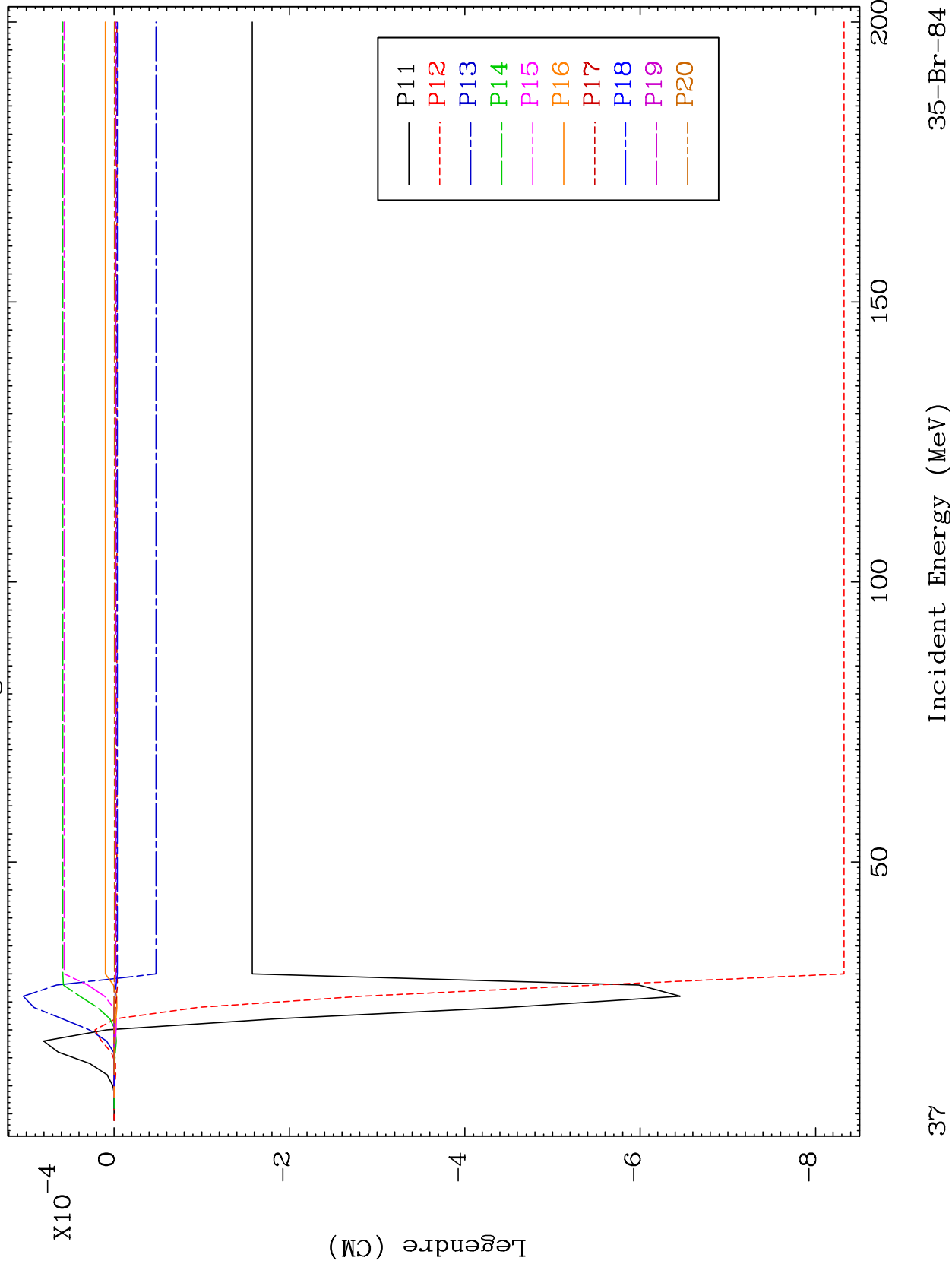
Incident Energy (MeV)

35-Br-84

MAT 3540

35-Br-84

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



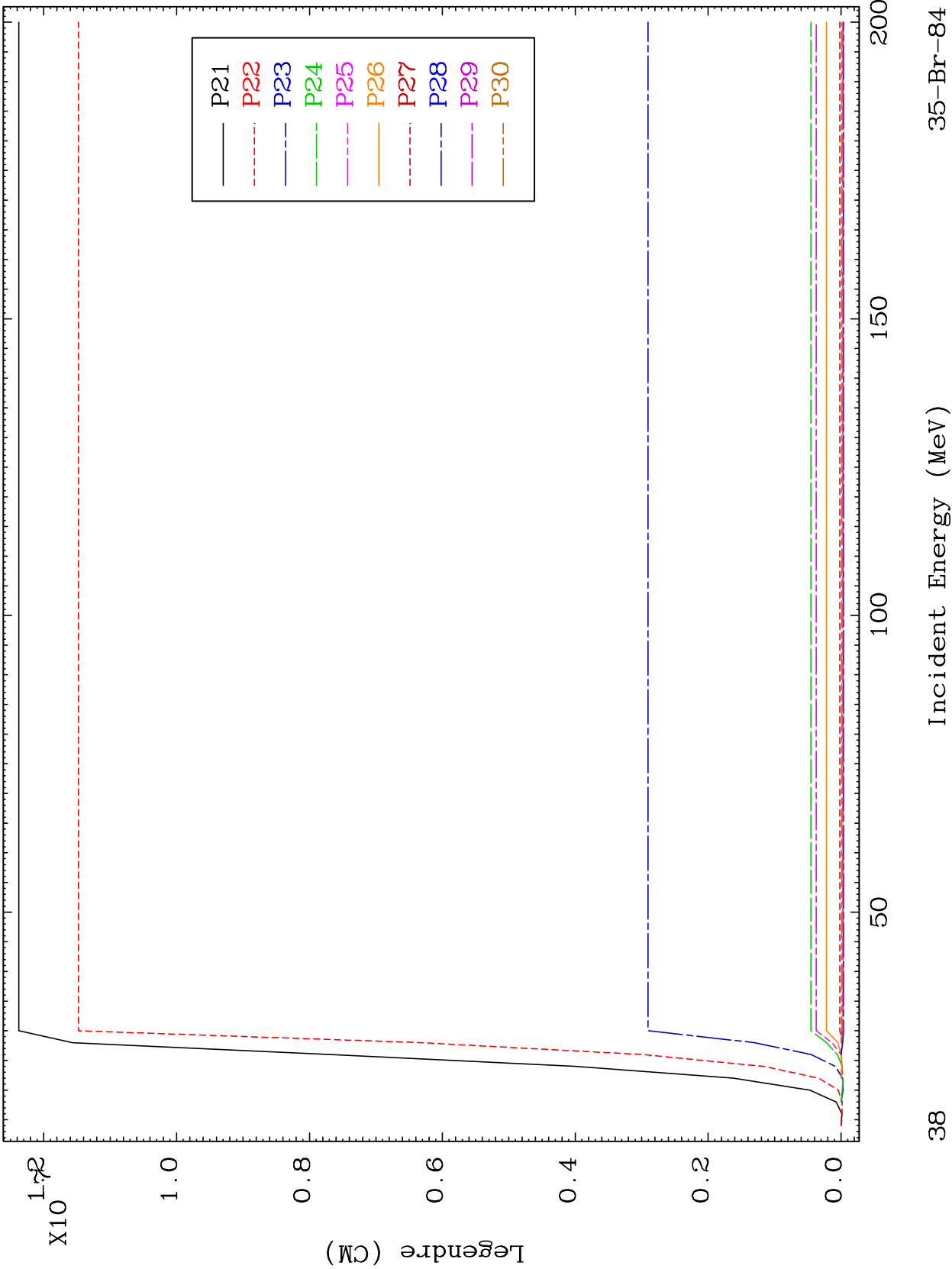
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35-Br-84

MAT 3540

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

35-Br-84



38

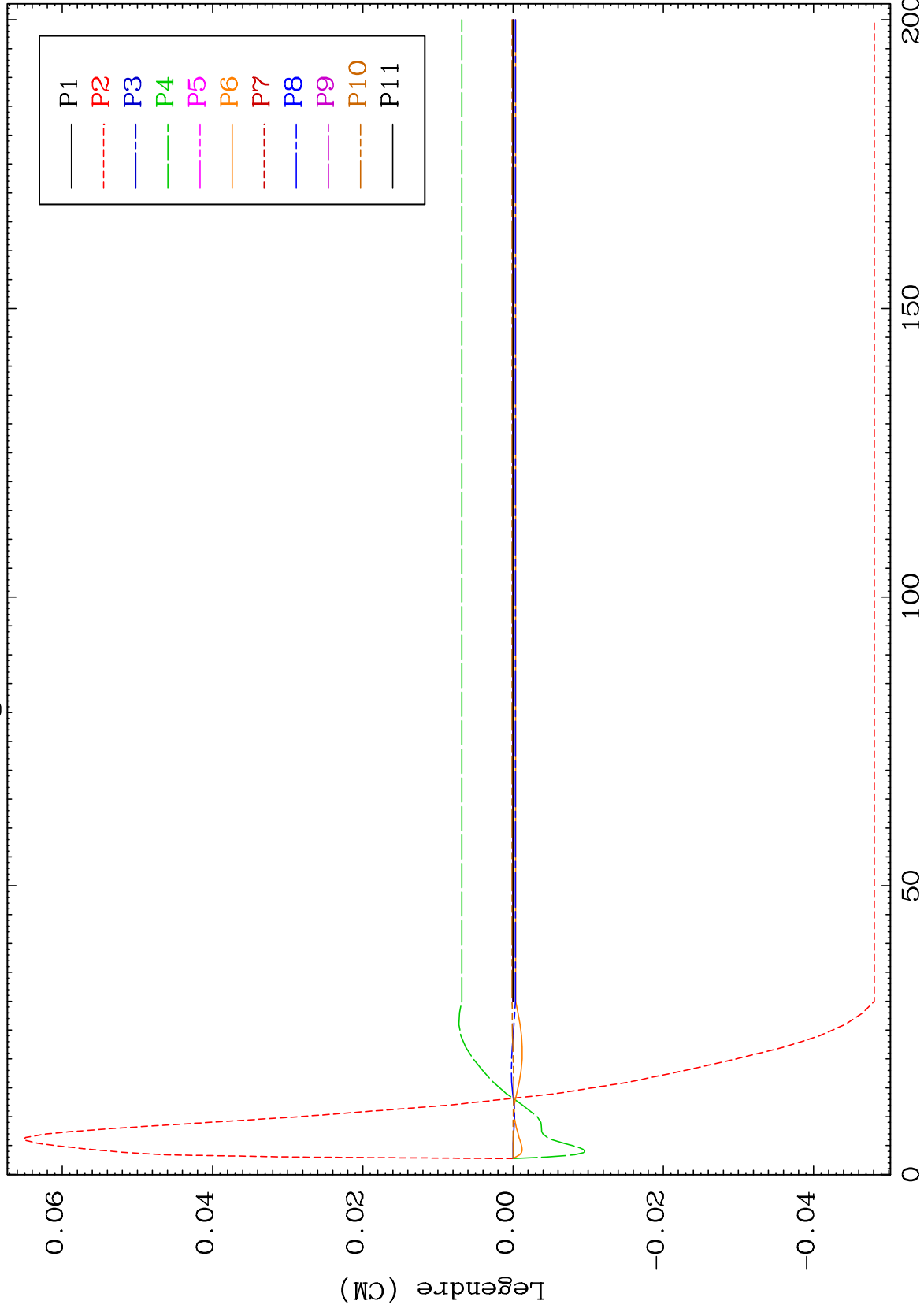
Incident Energy (MeV)

35-Br-84

MAT 3540

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

35-Br-84



39

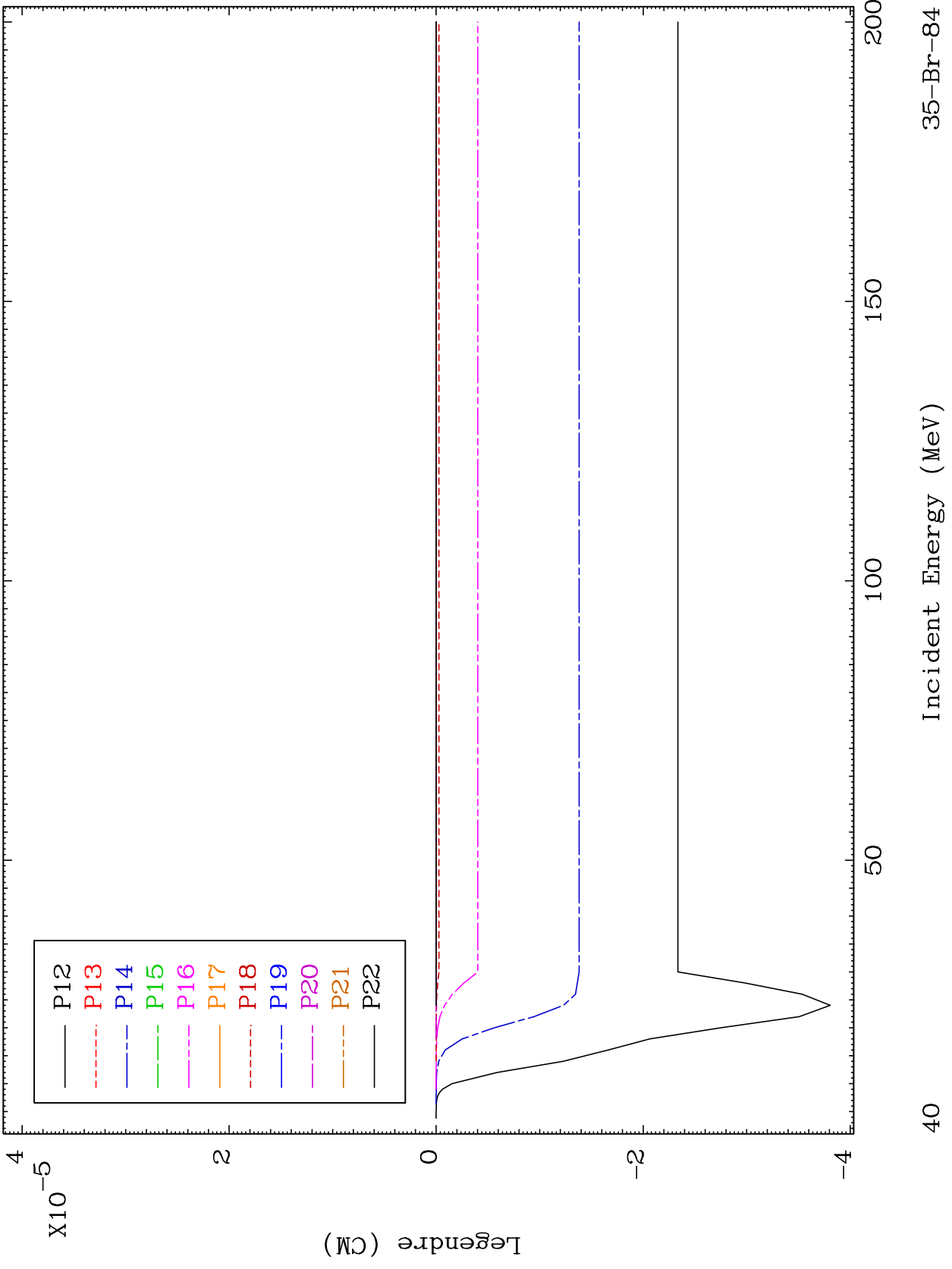
Incident Energy (MeV)

35-Br-84

MAT 3540

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

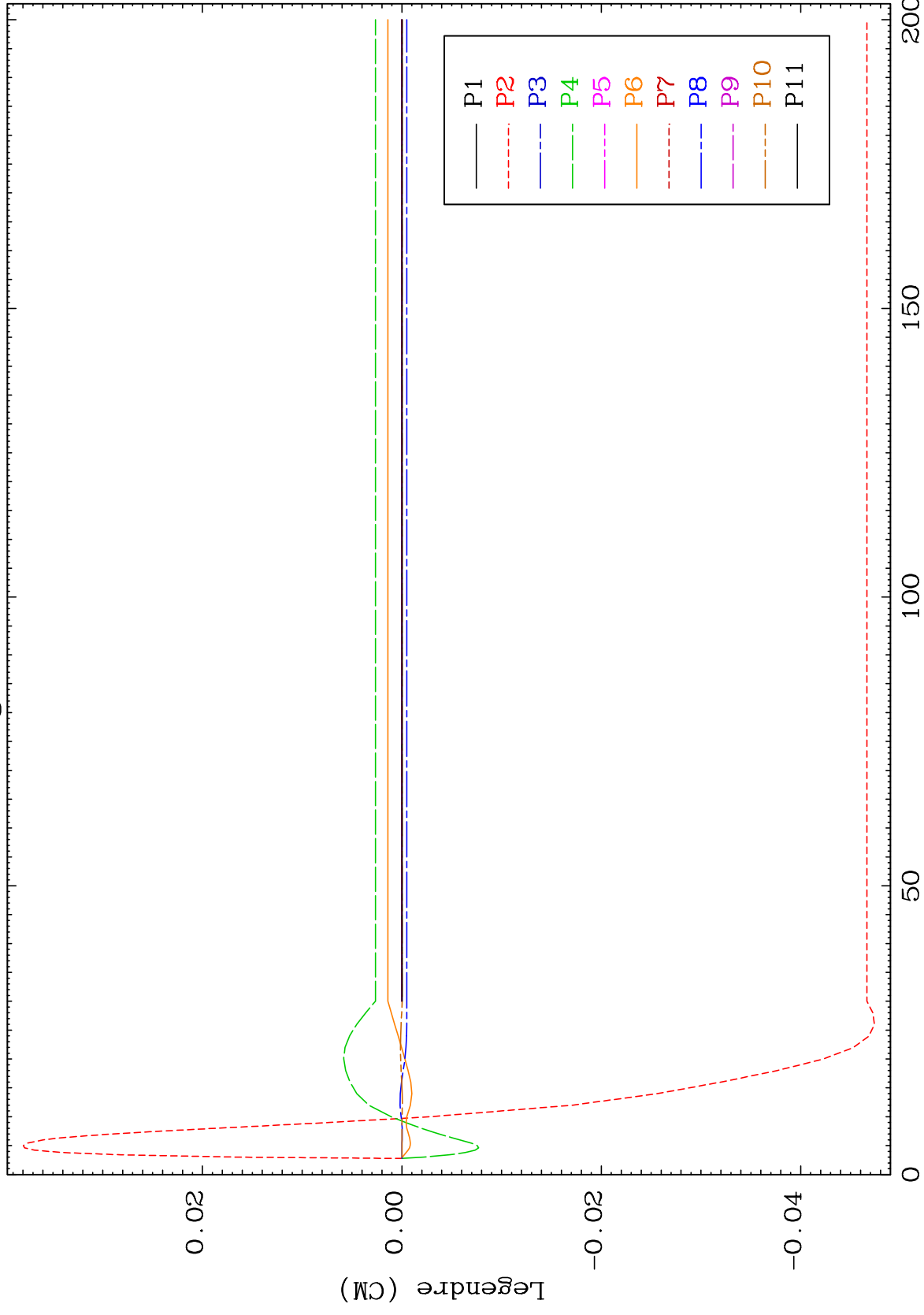
35-Br-84



MAT 3540

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

35-Br-84



41

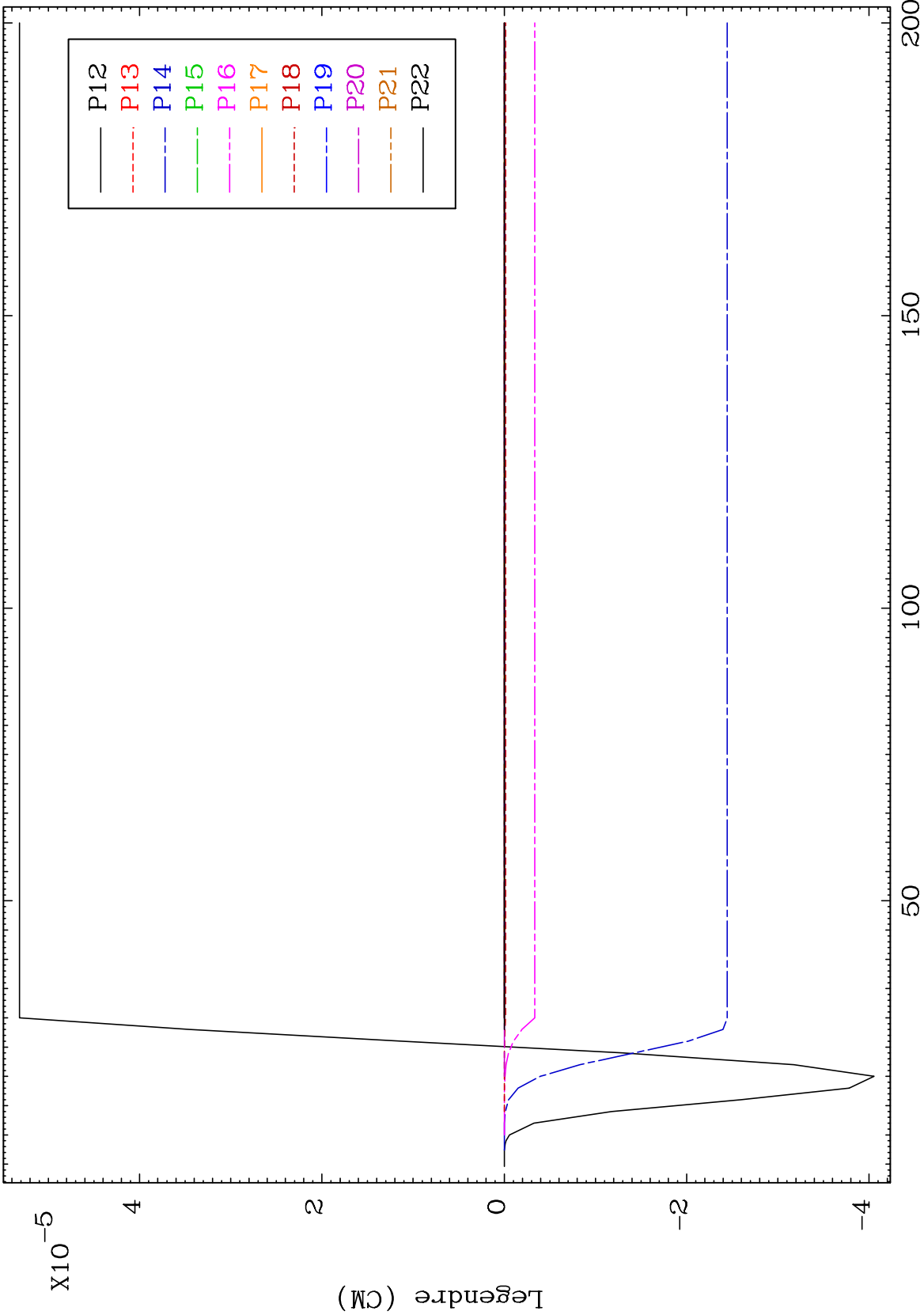
Incident Energy (MeV)

35-Br-84

MAT 3540

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

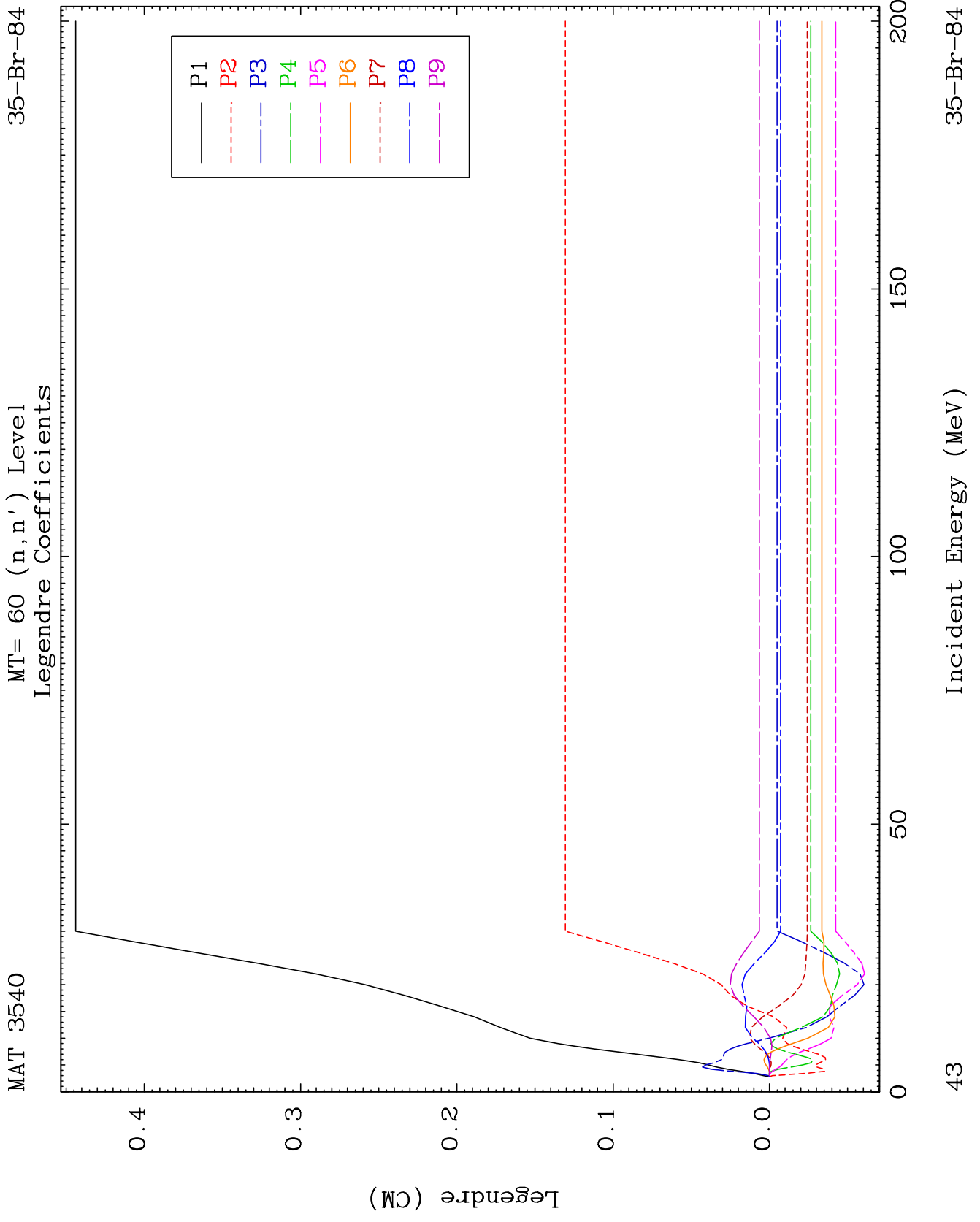
35-Br-84

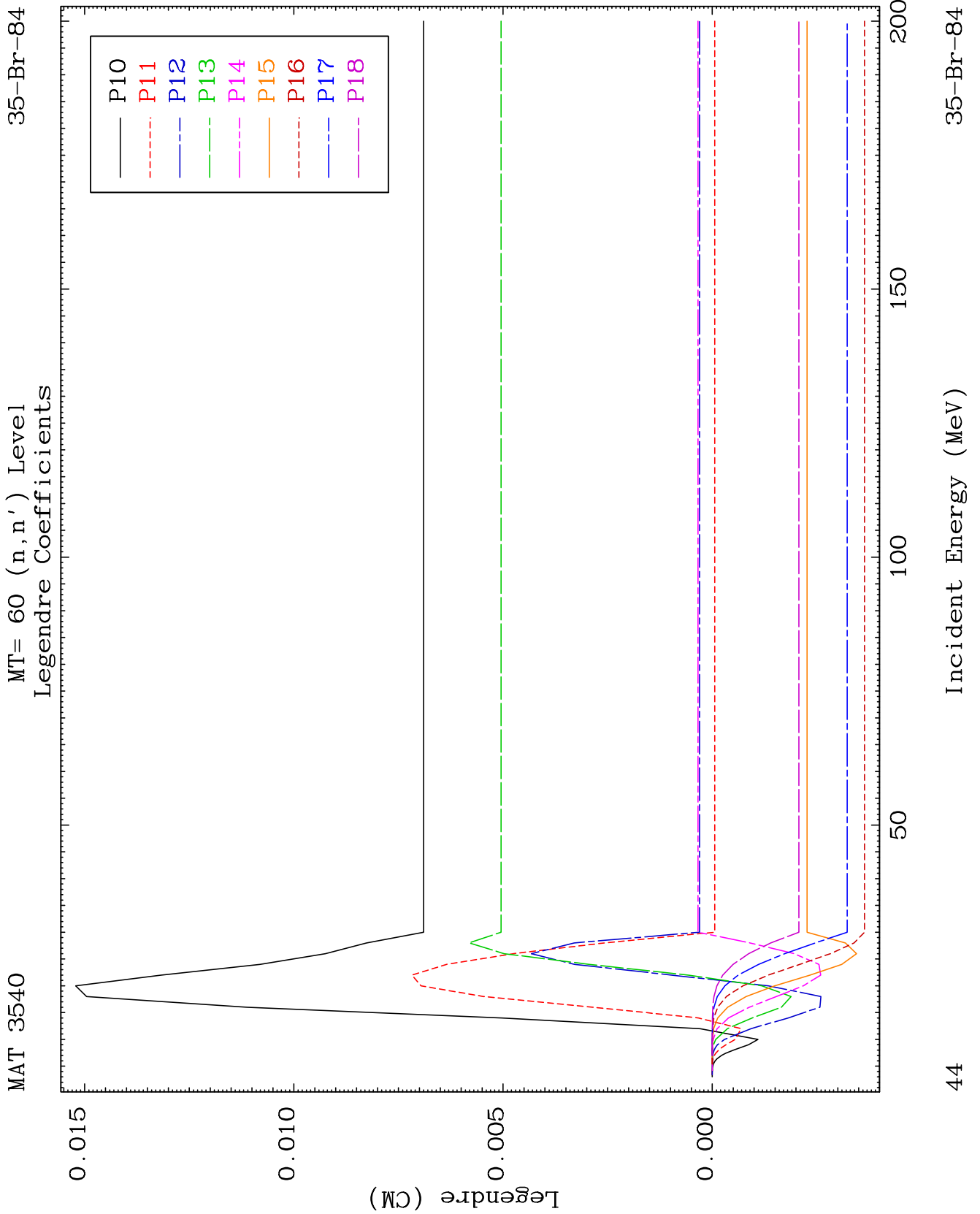


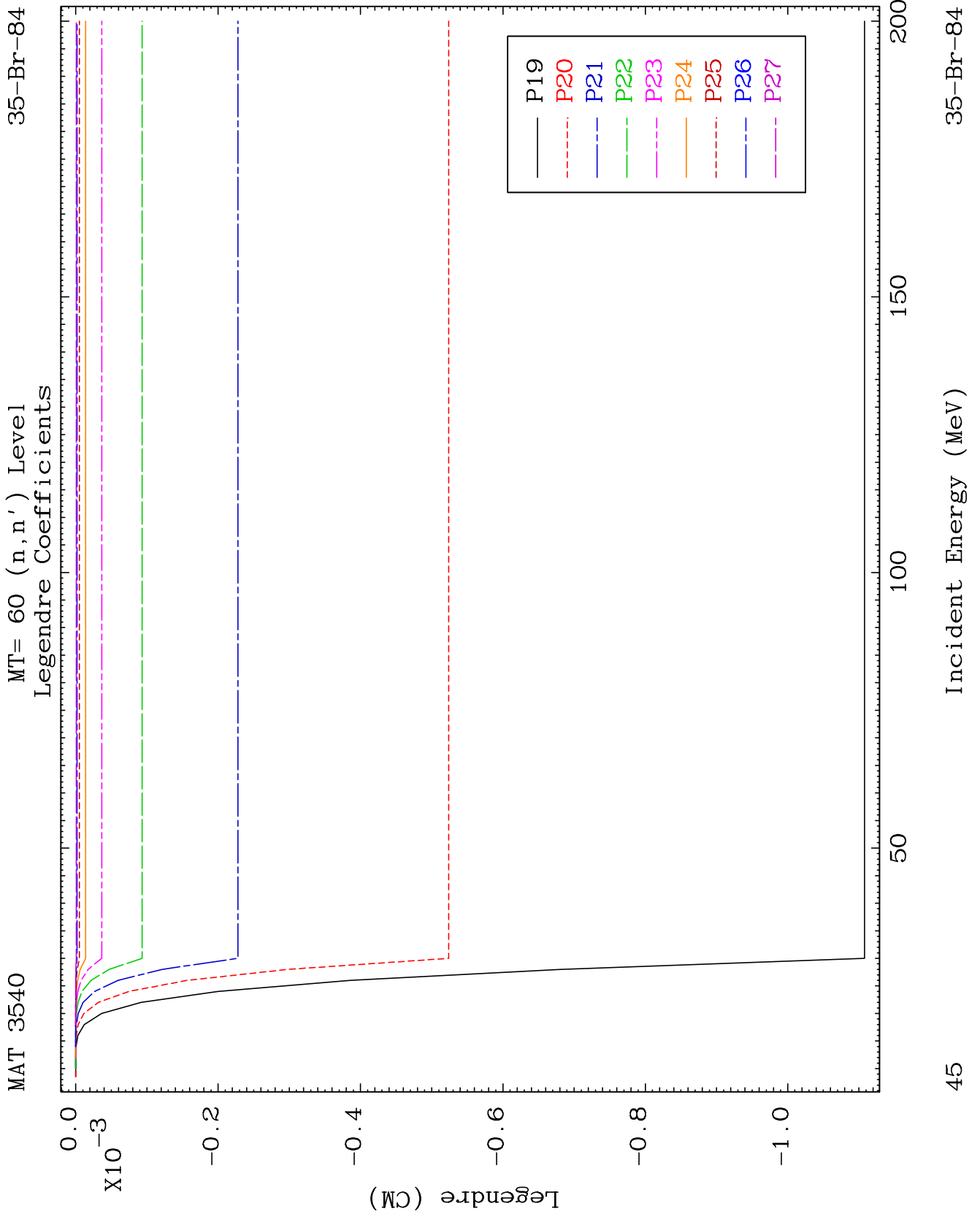
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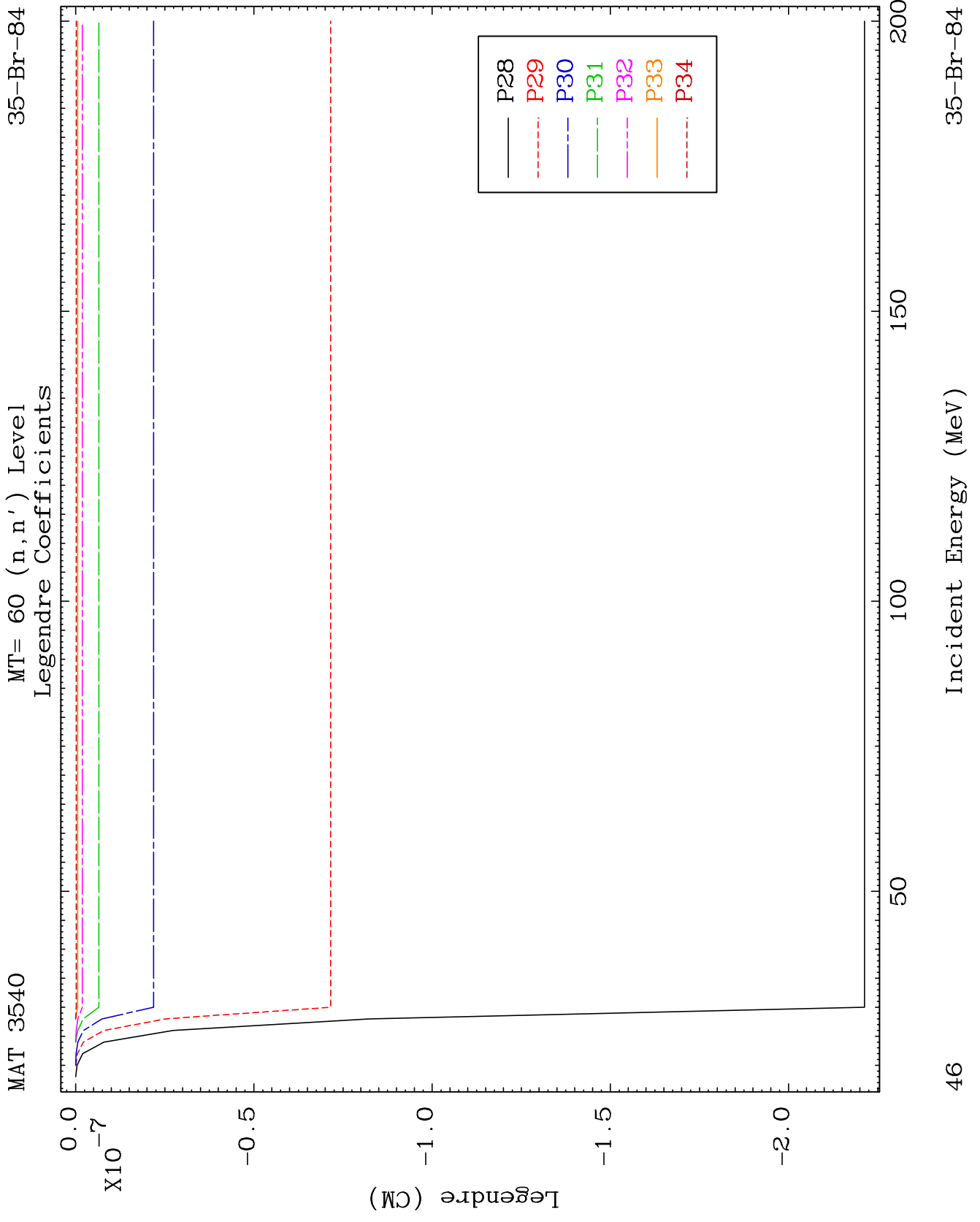
Incident Energy (MeV)

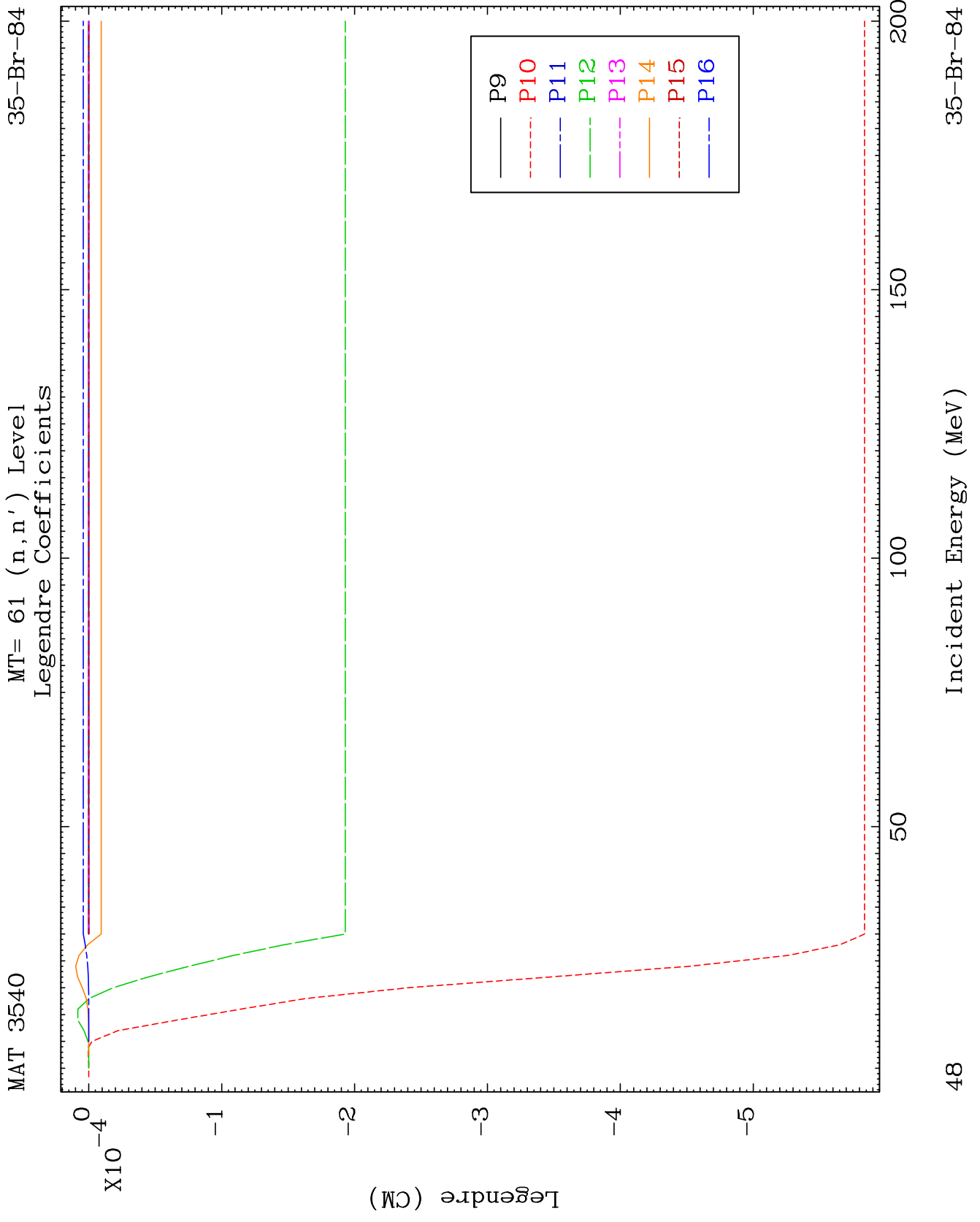
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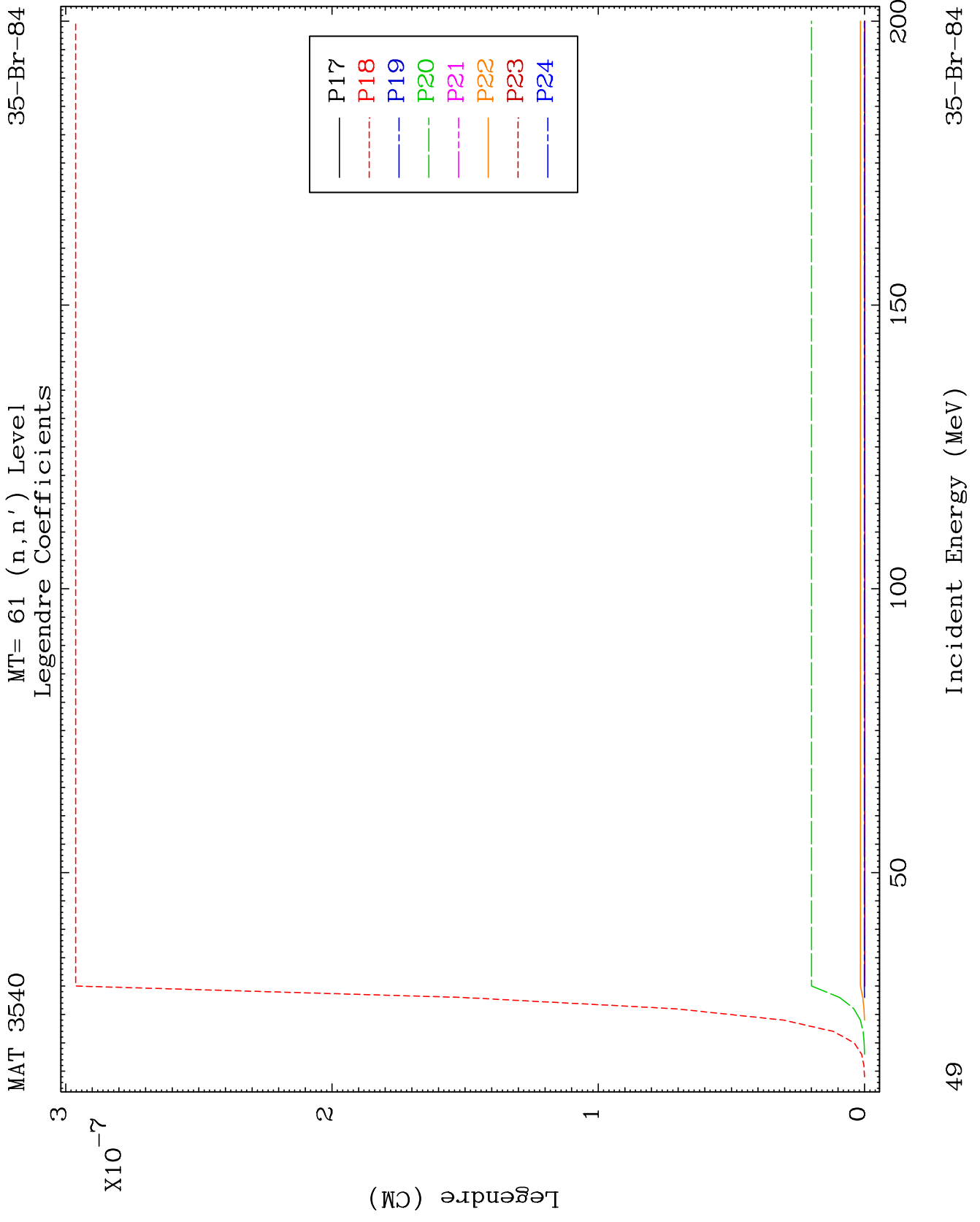








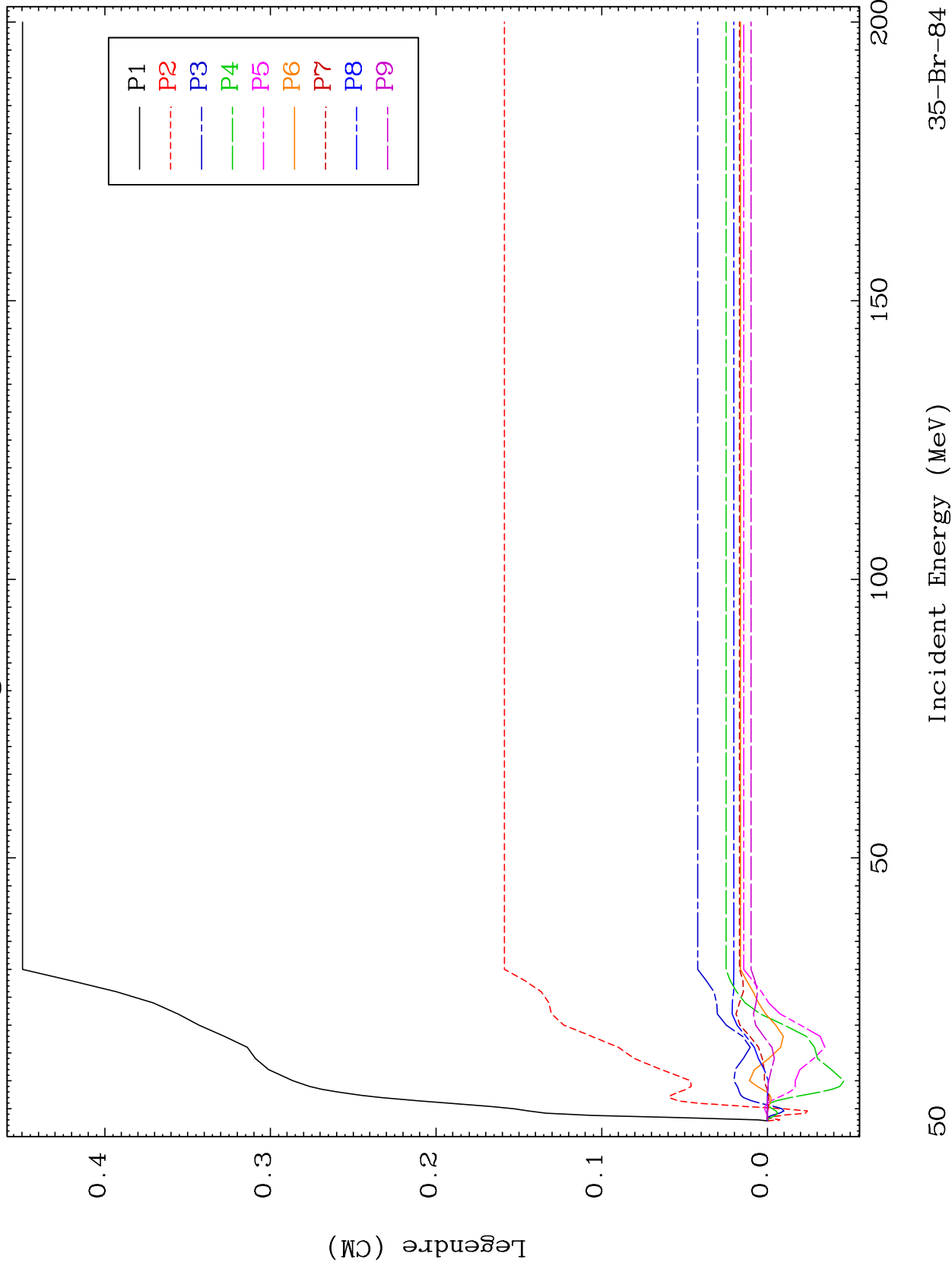




MAT 3540

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

35-Br-84



35-Br-84

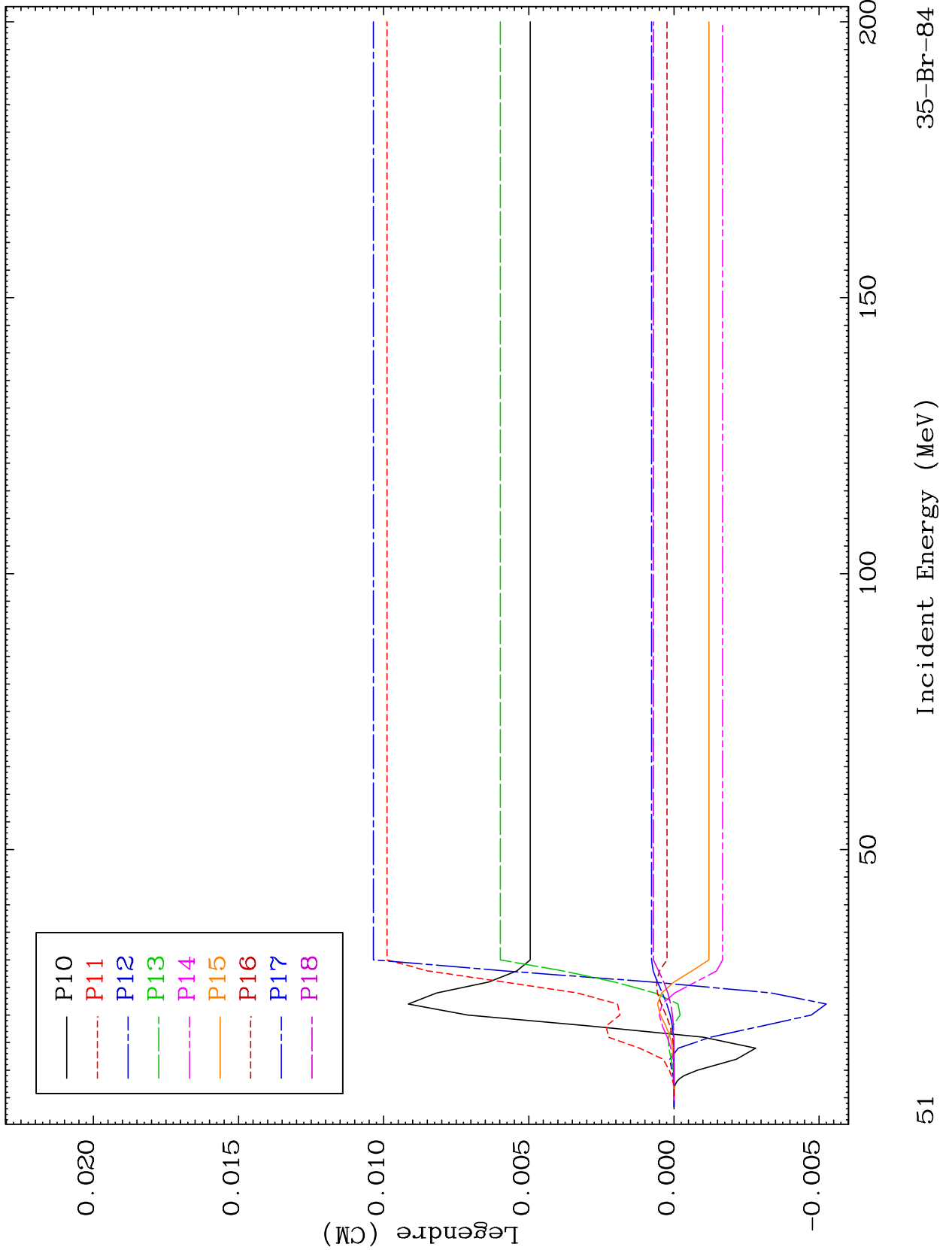
Incident Energy (MeV)

50

MAT 3540

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

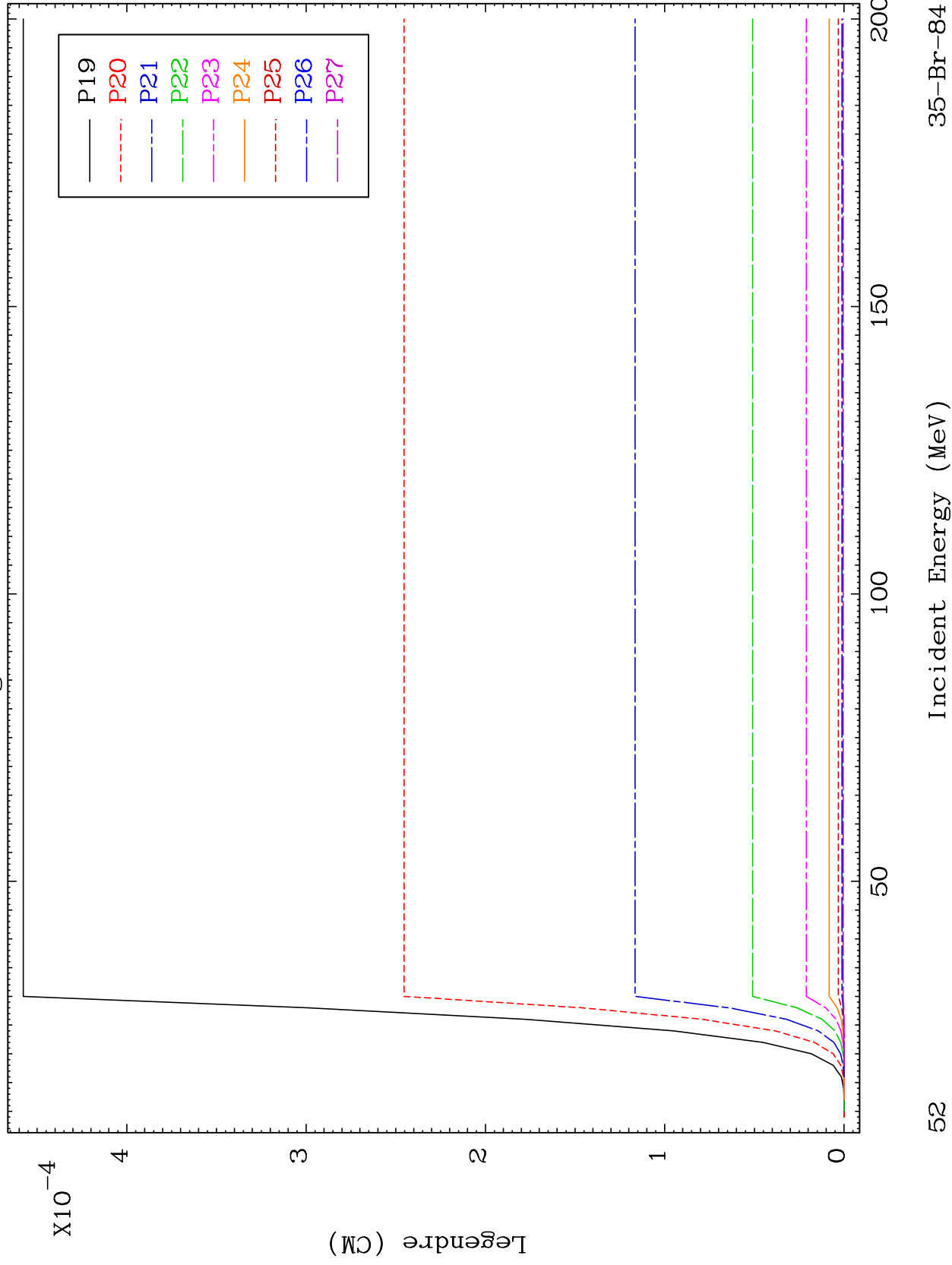
35-Br-84



MAT 3540

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

35-Br-84



52

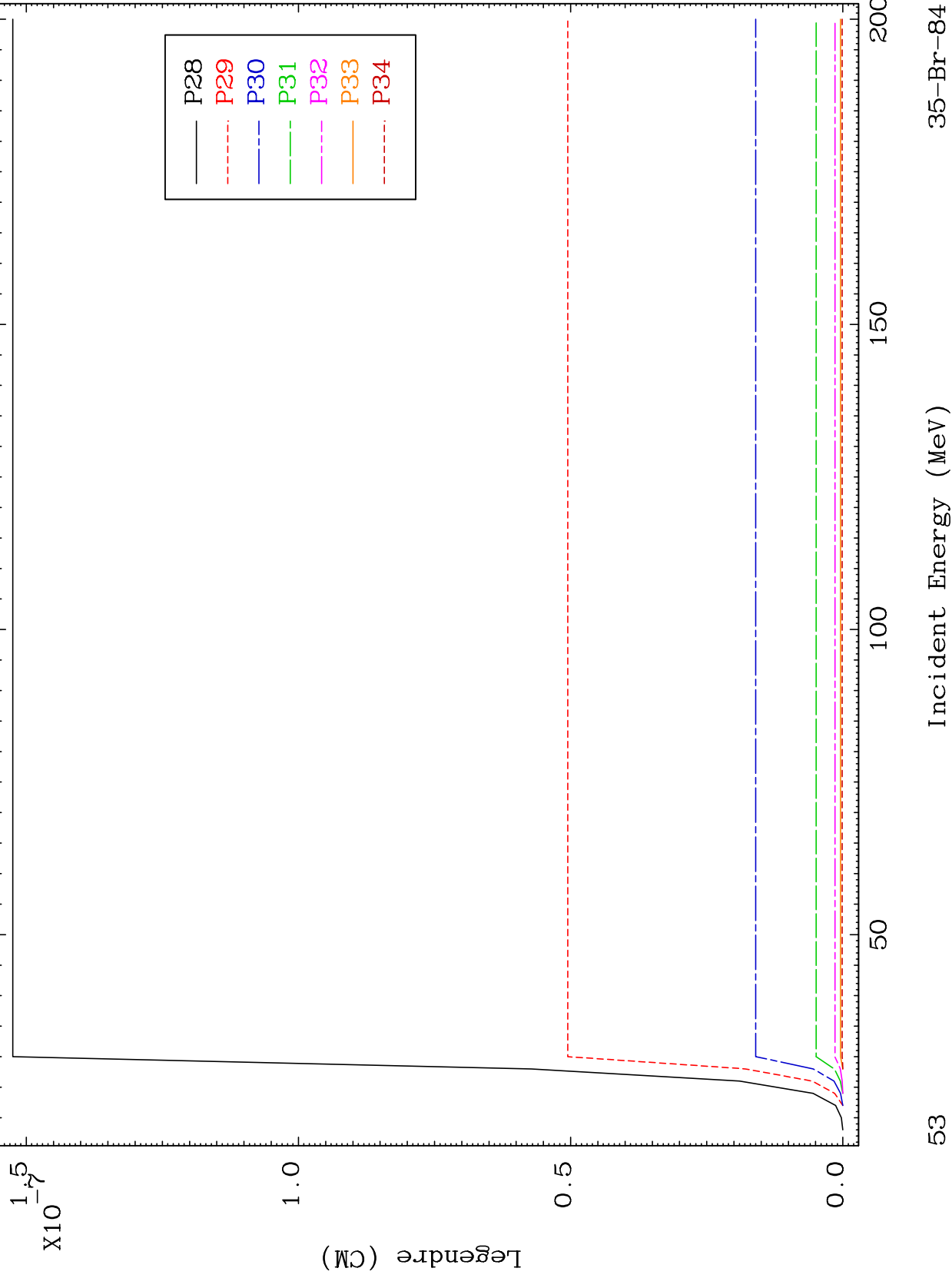
Incident Energy (MeV)

35-Br-84

MAT 3540

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

35-Br-84



53

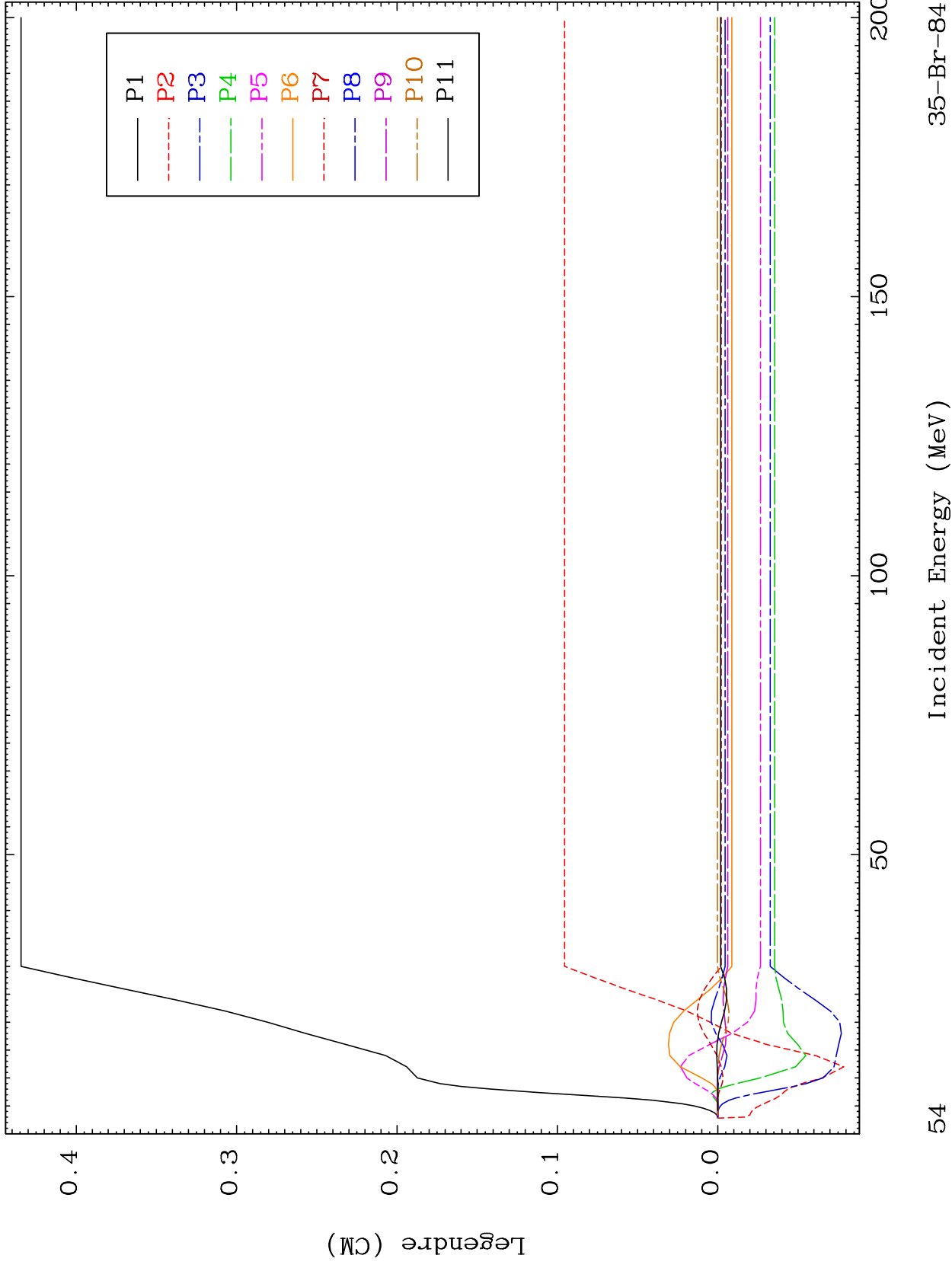
Incident Energy (MeV)

35-Br-84

MAT 3540

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

35-Br-84



54

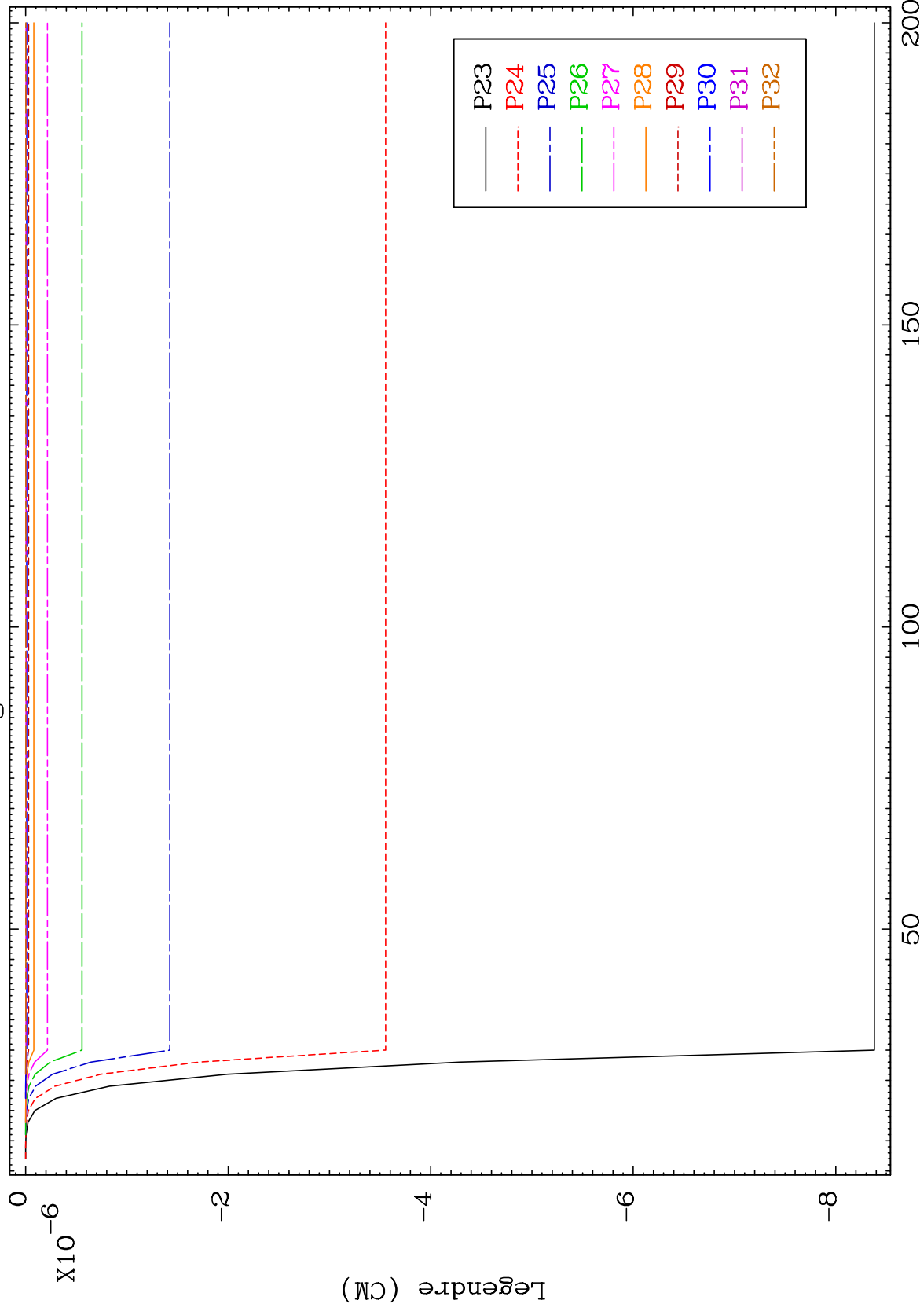
Incident Energy (MeV)

35-Br-84

MAT 3540

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

35-Br-84

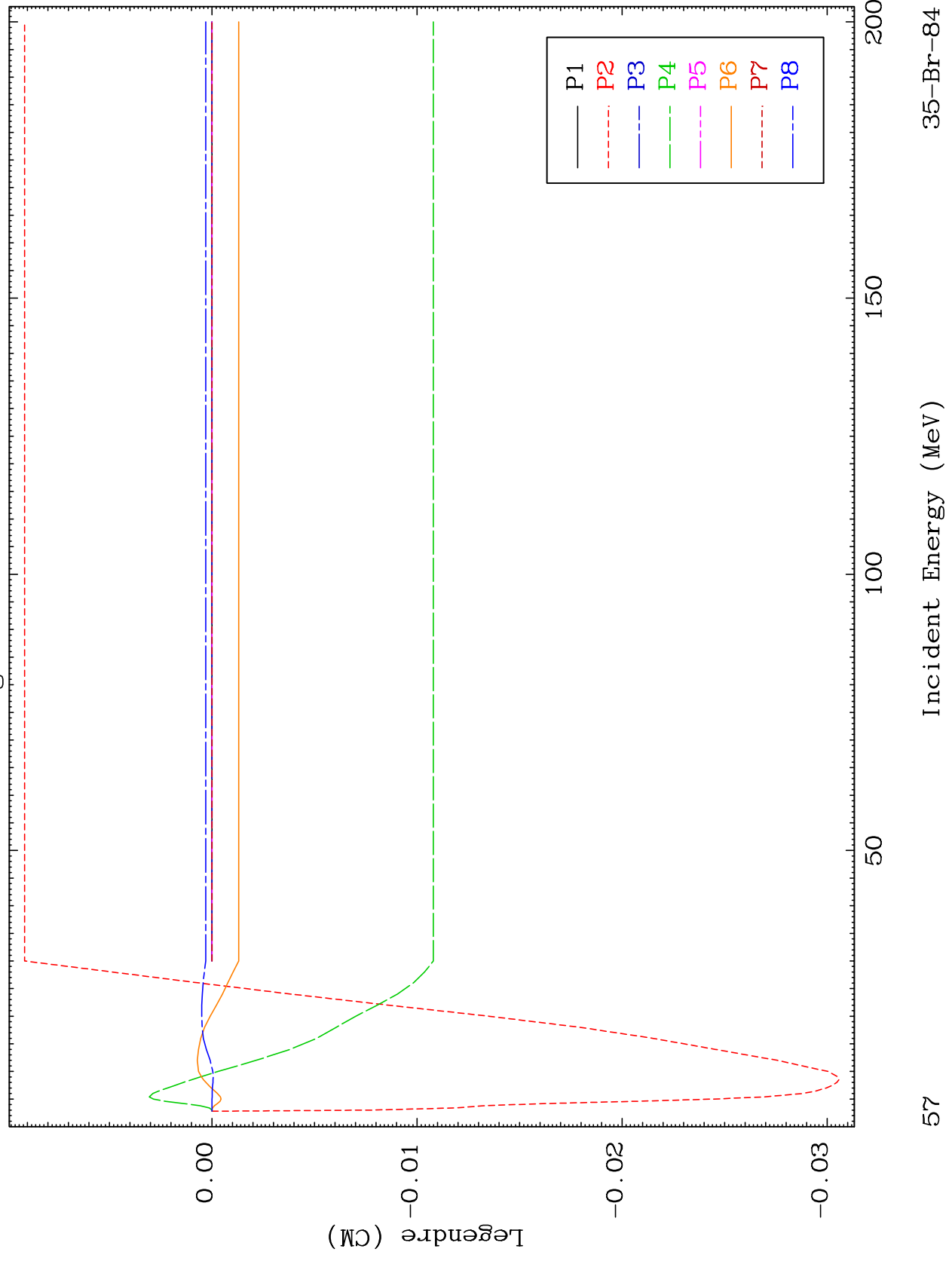


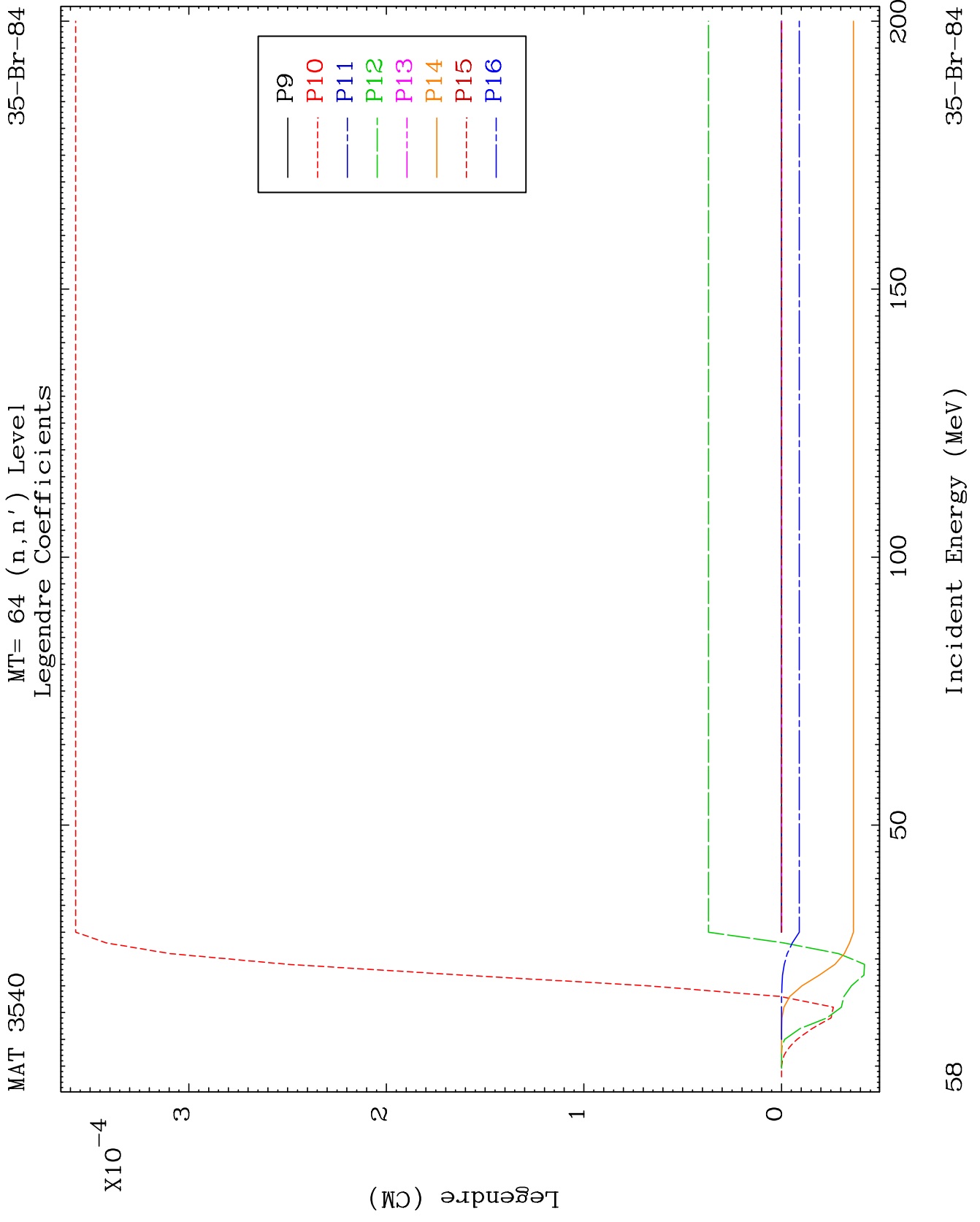
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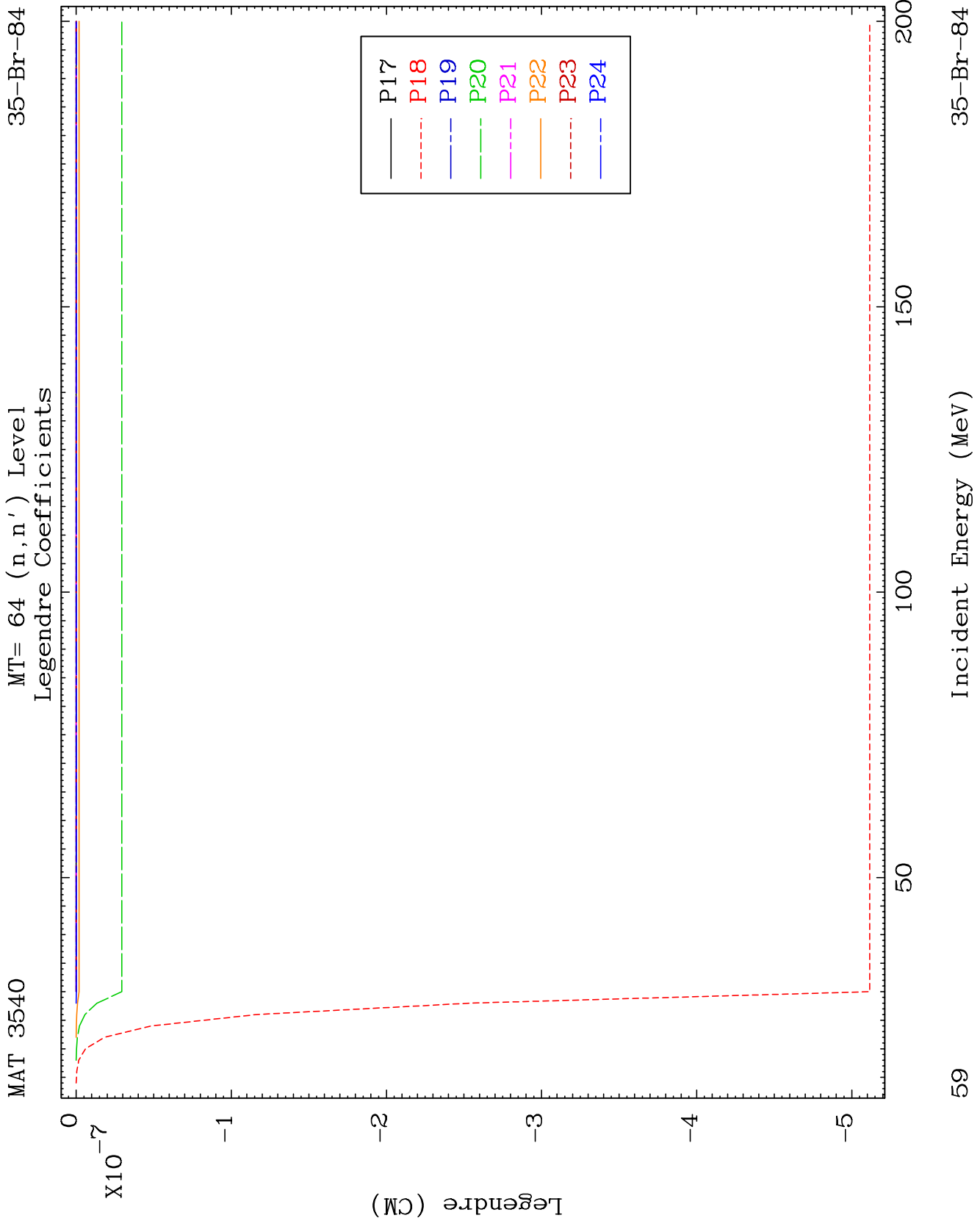
Incident Energy (MeV)

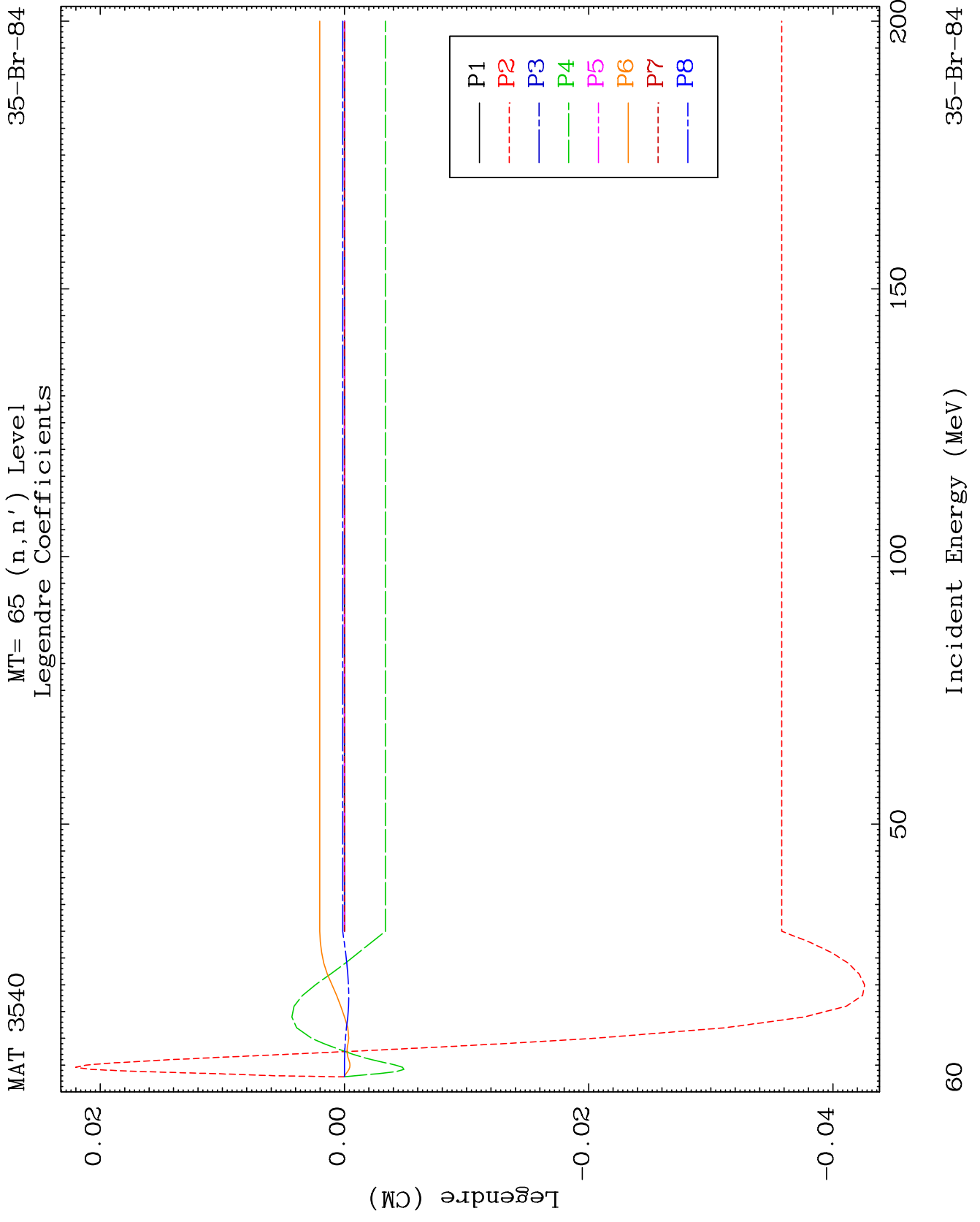
35-Br-84

MAT 3540 MT= 64 (n,n') Level Legendre Coefficients 35-Br-84





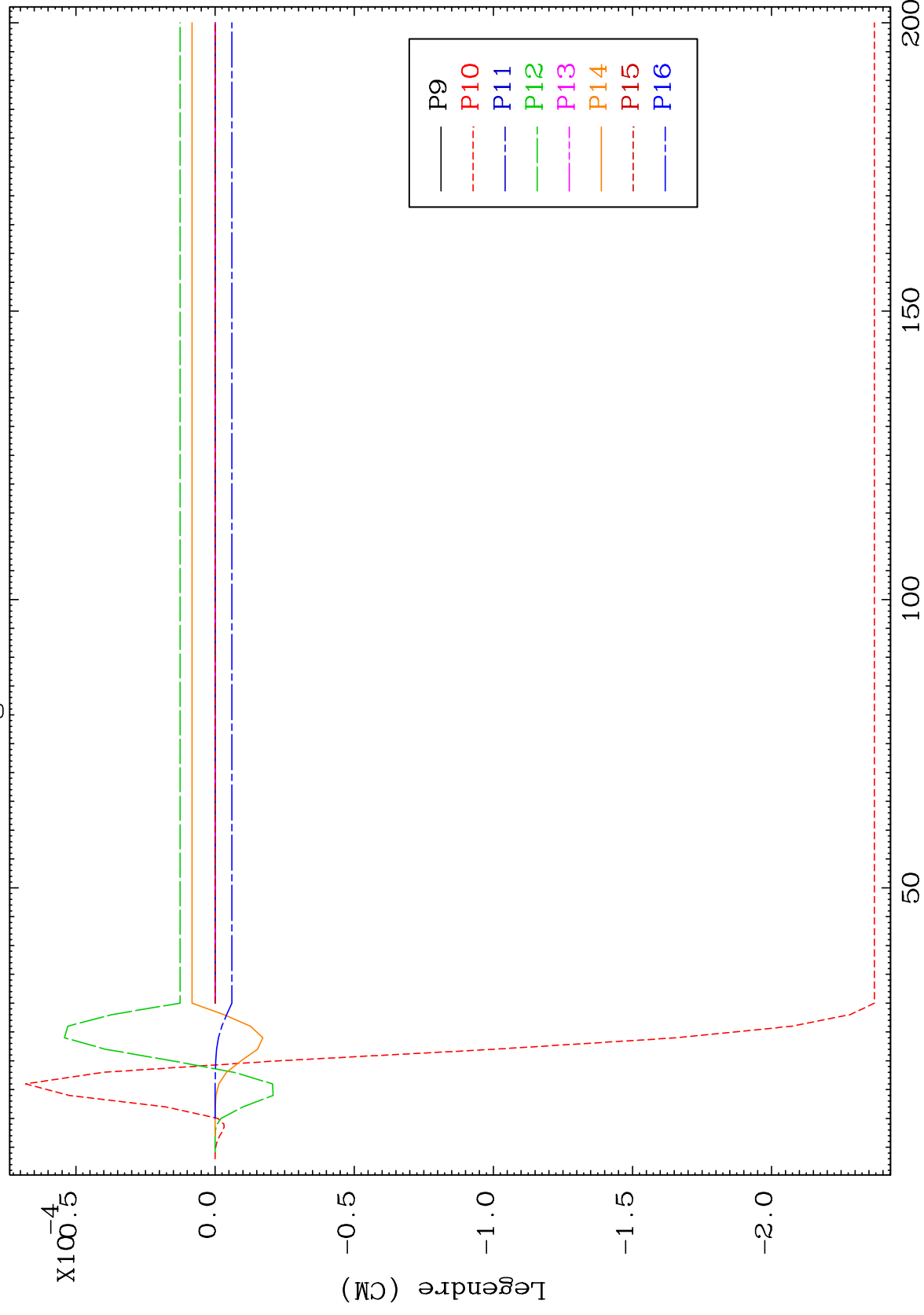




MAT 3540

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

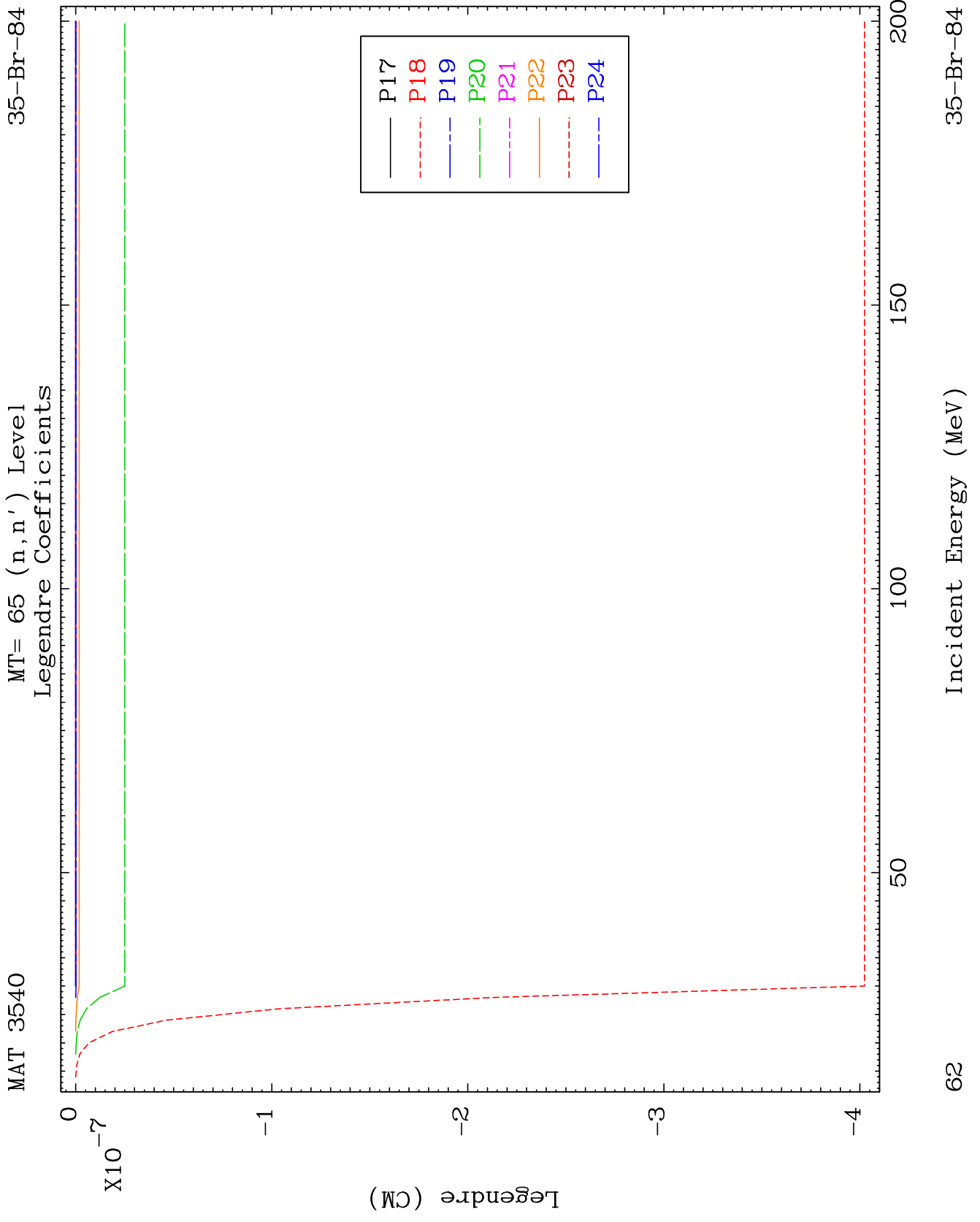
35-Br-84



61

Incident Energy (MeV)

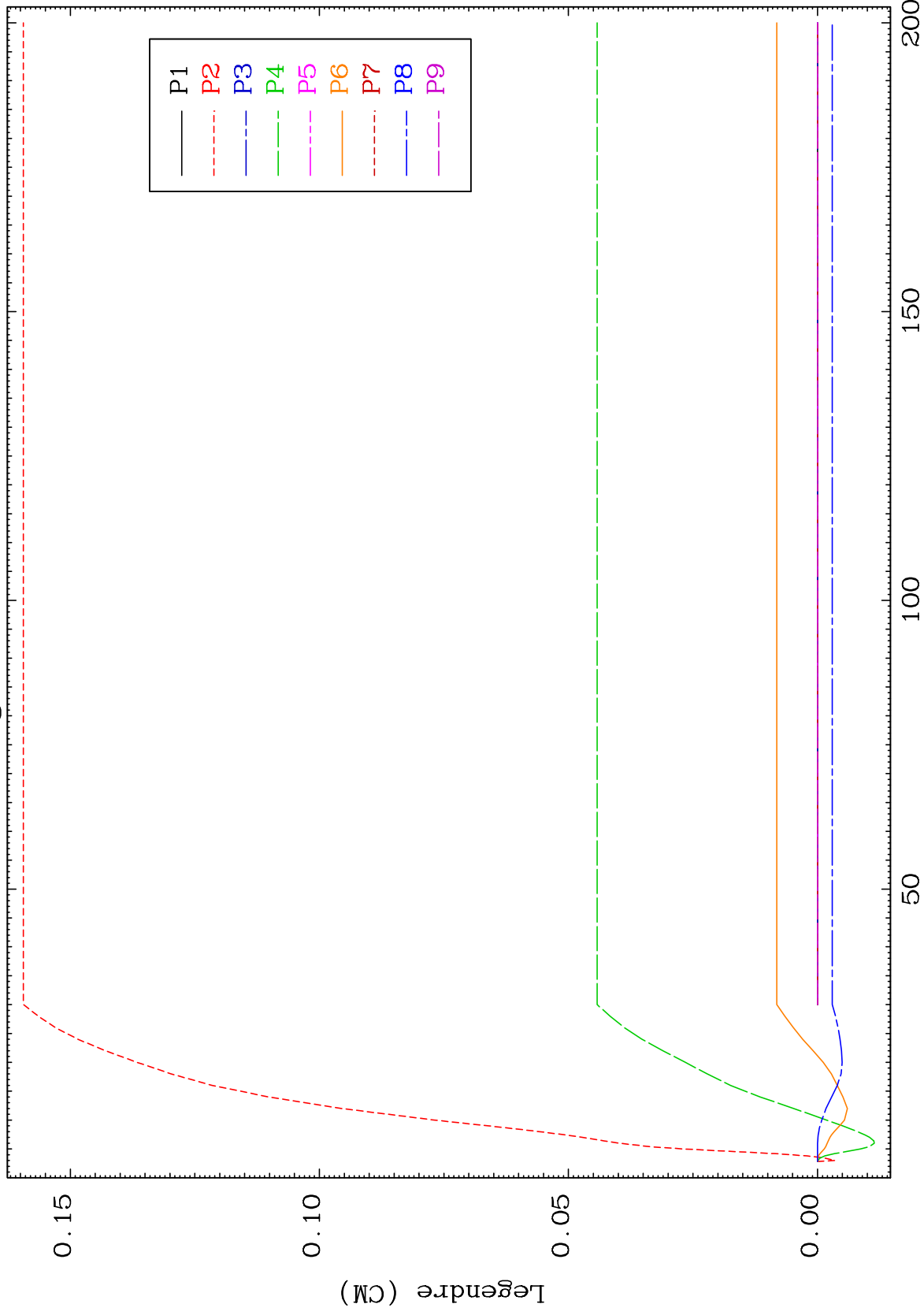
35-Br-84



MAT 3540

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

35-Br-84



63

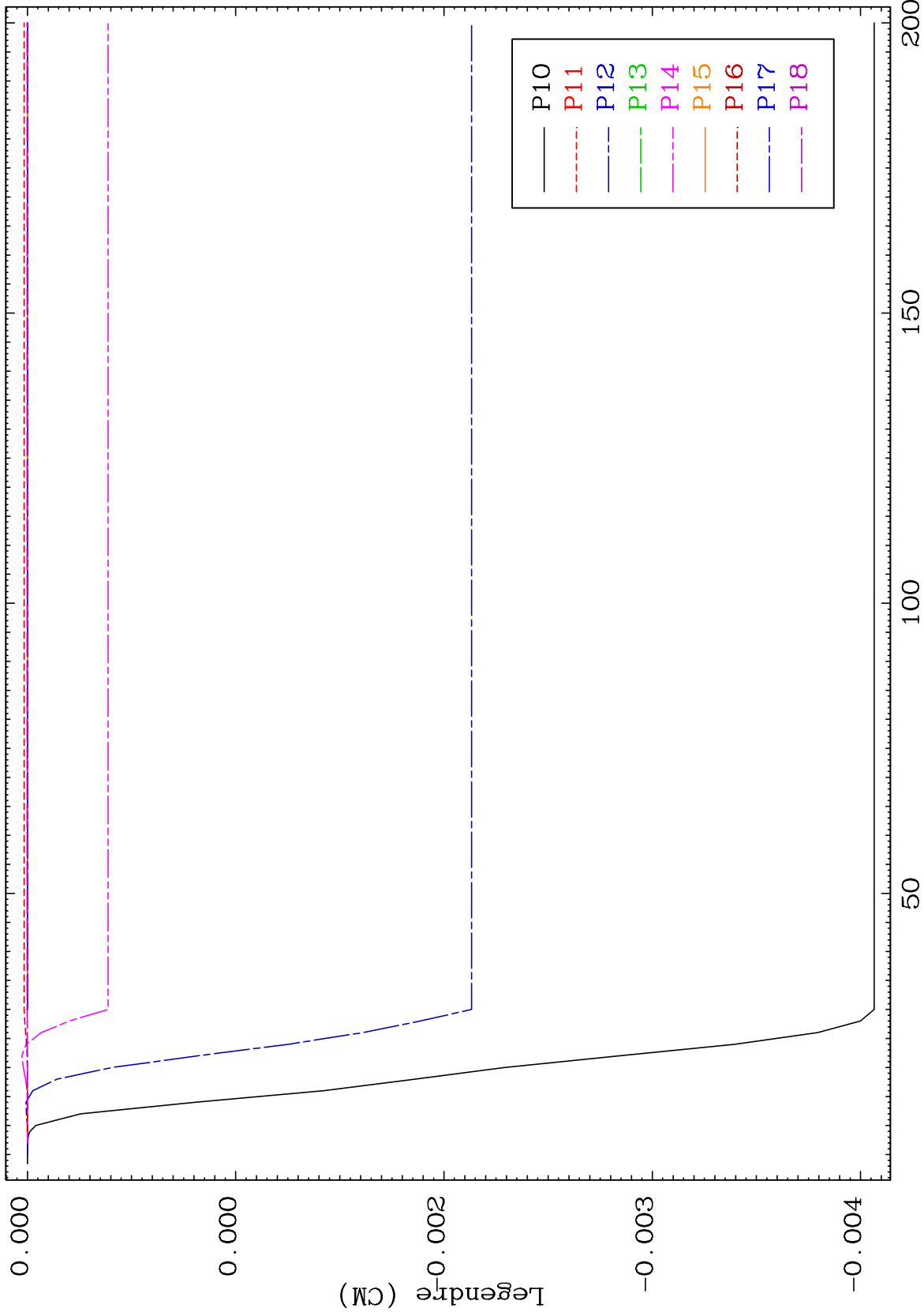
Incident Energy (MeV)

35-Br-84

MAT 3540

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

35-Br-84



64

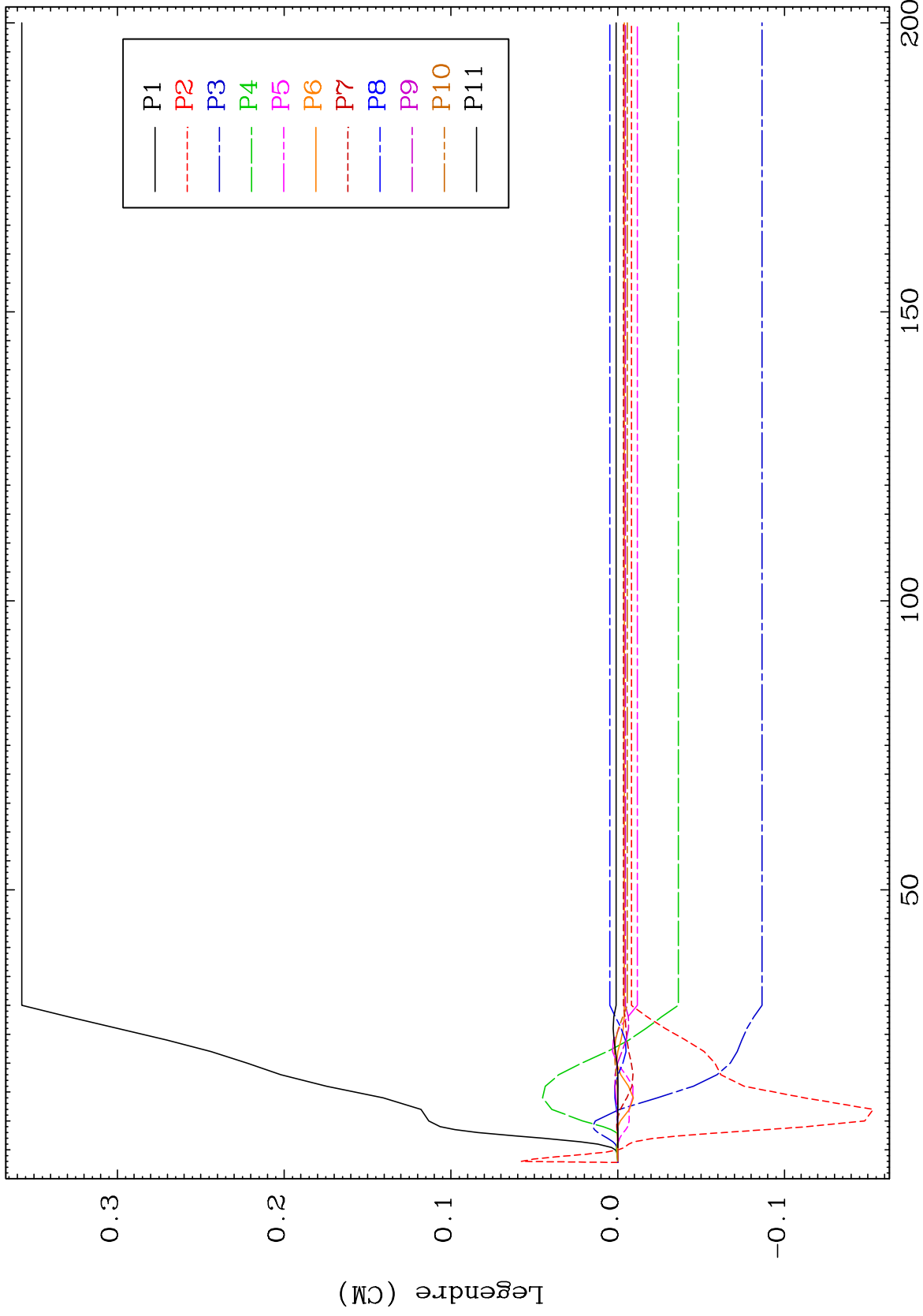
Incident Energy (MeV)

35-Br-84

MAT 3540

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

35-Br-84



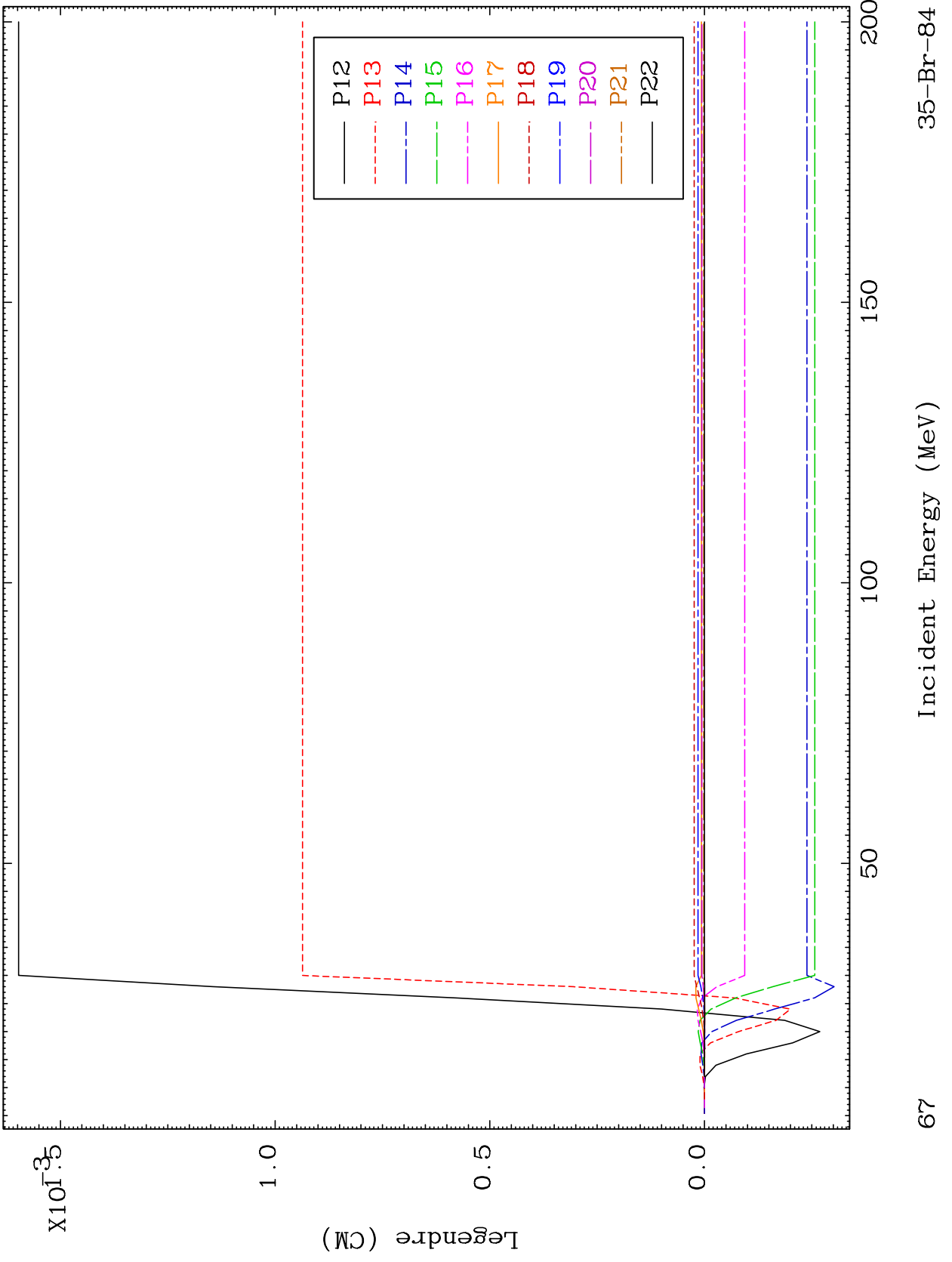
66

35-Br-84

MAT 3540

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

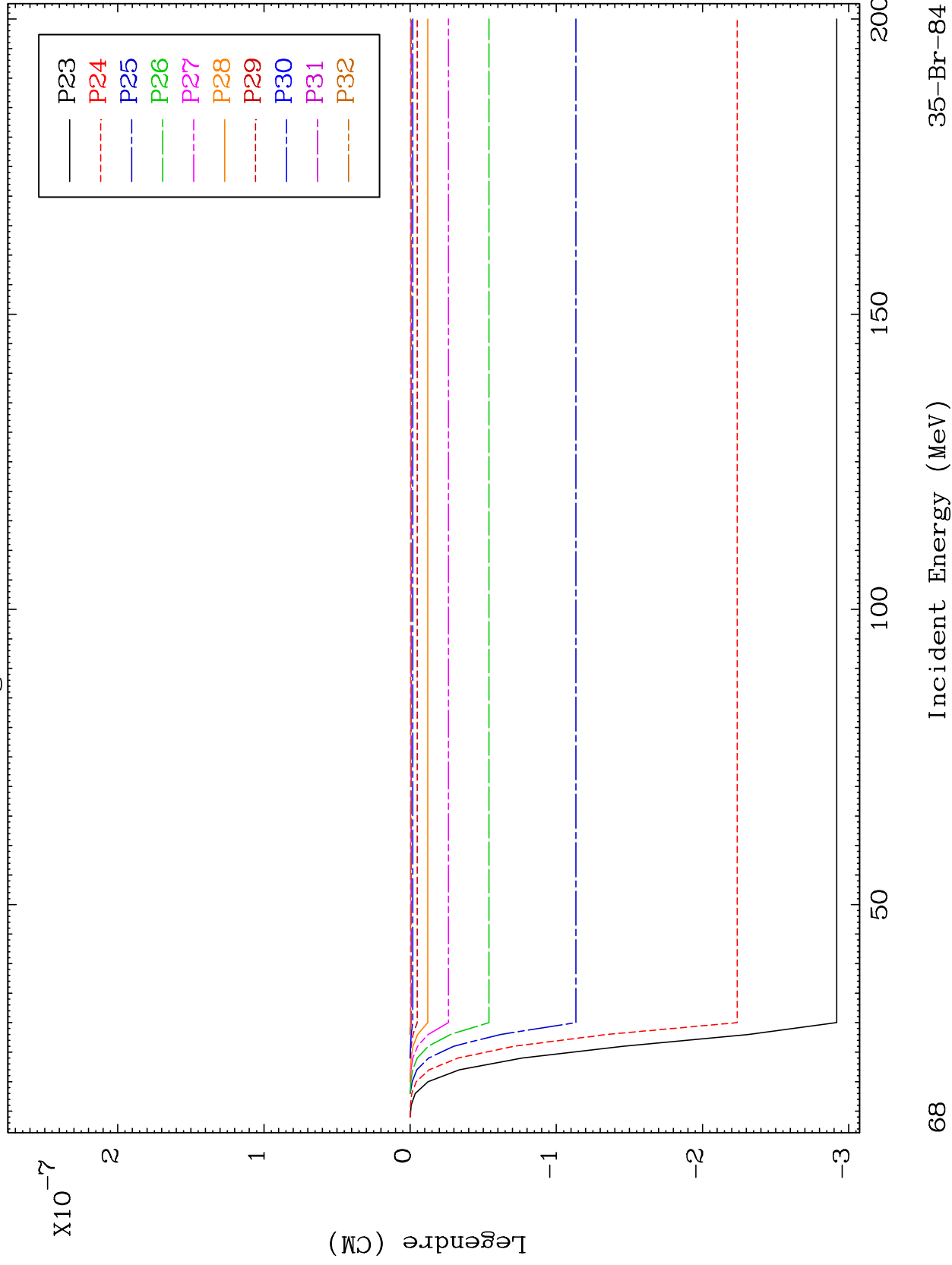
35-Br-84



MAT 3540

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

35-Br-84



68

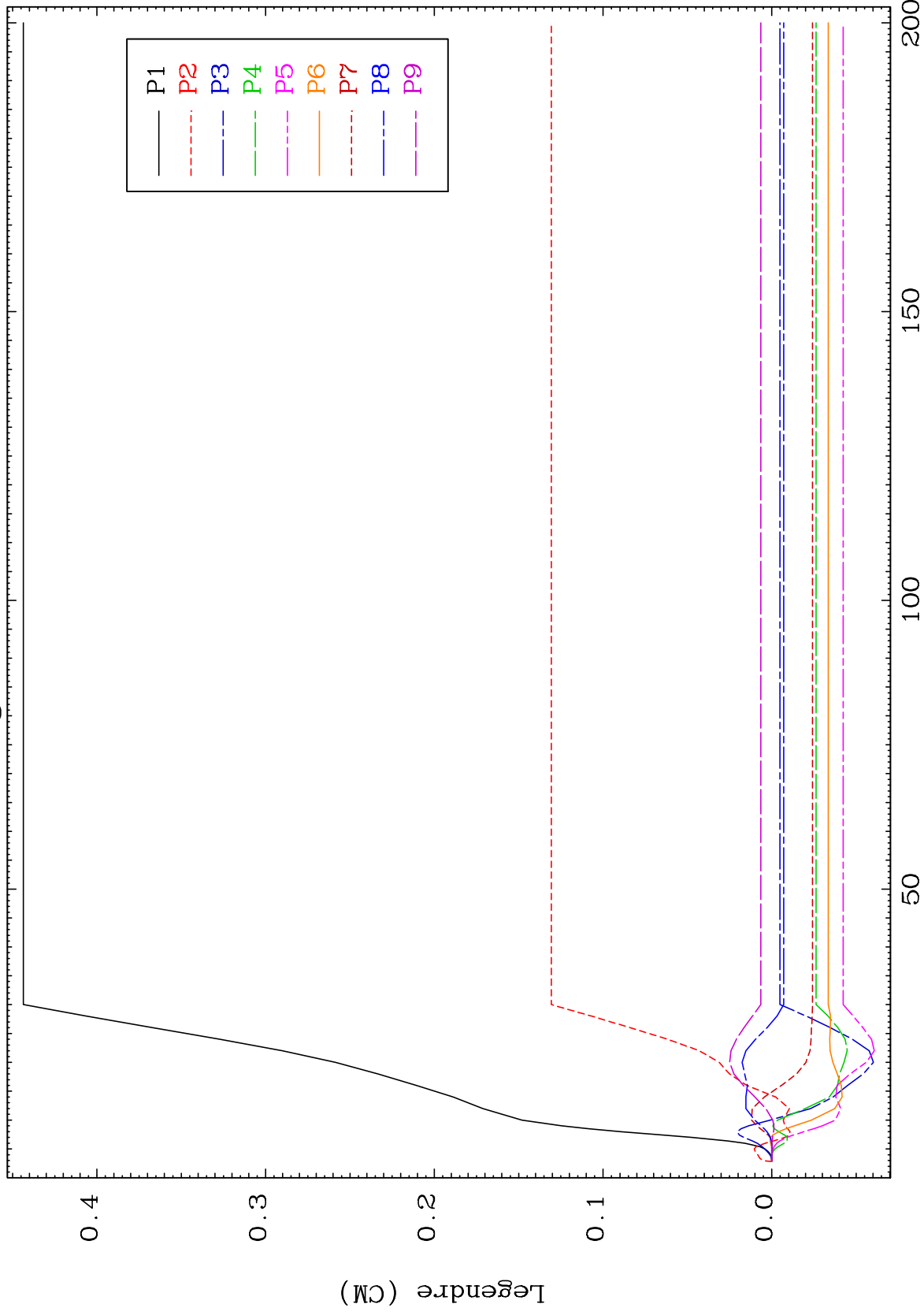
Incident Energy (MeV)

35-Br-84

MAT 3540

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

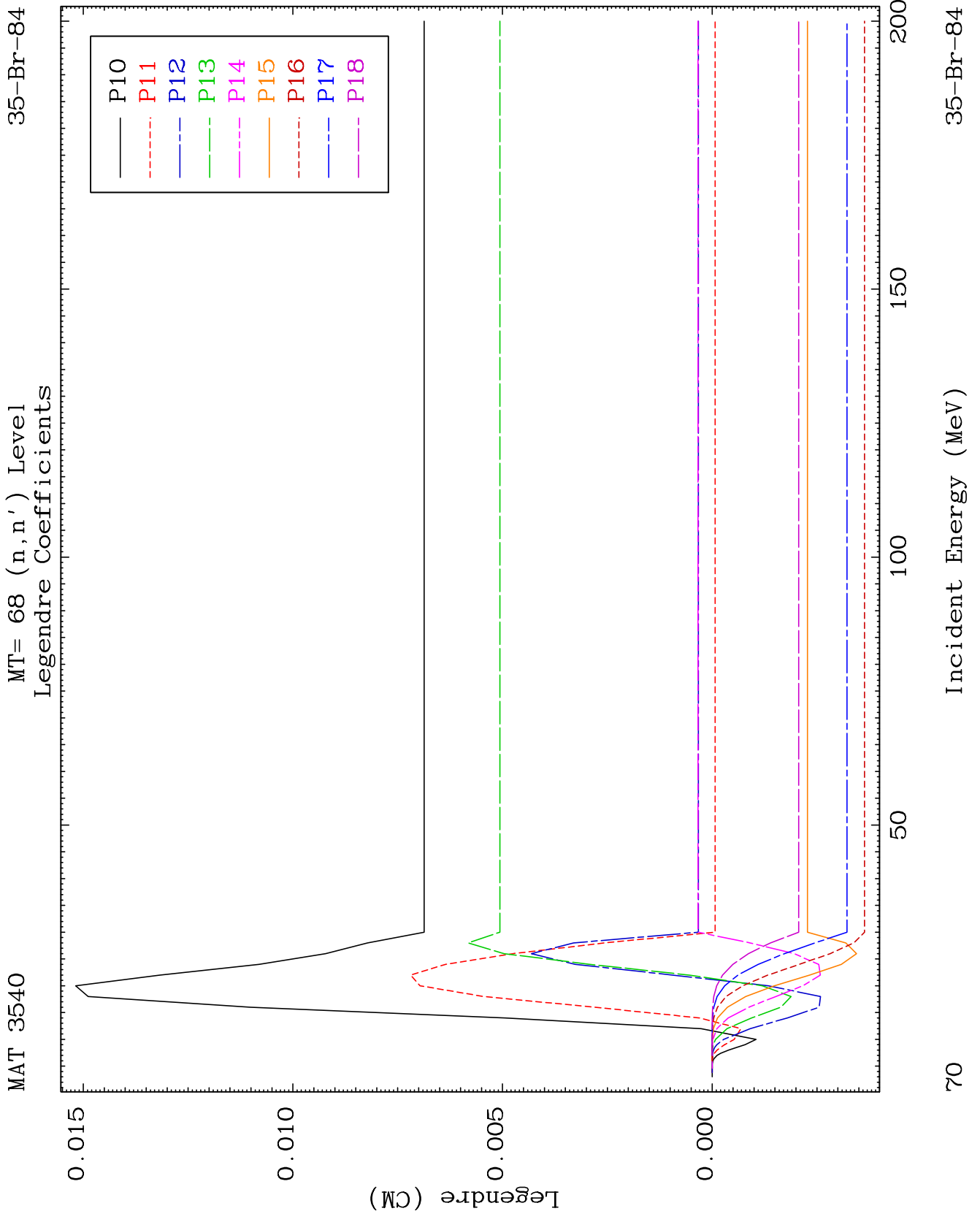
35-Br-84

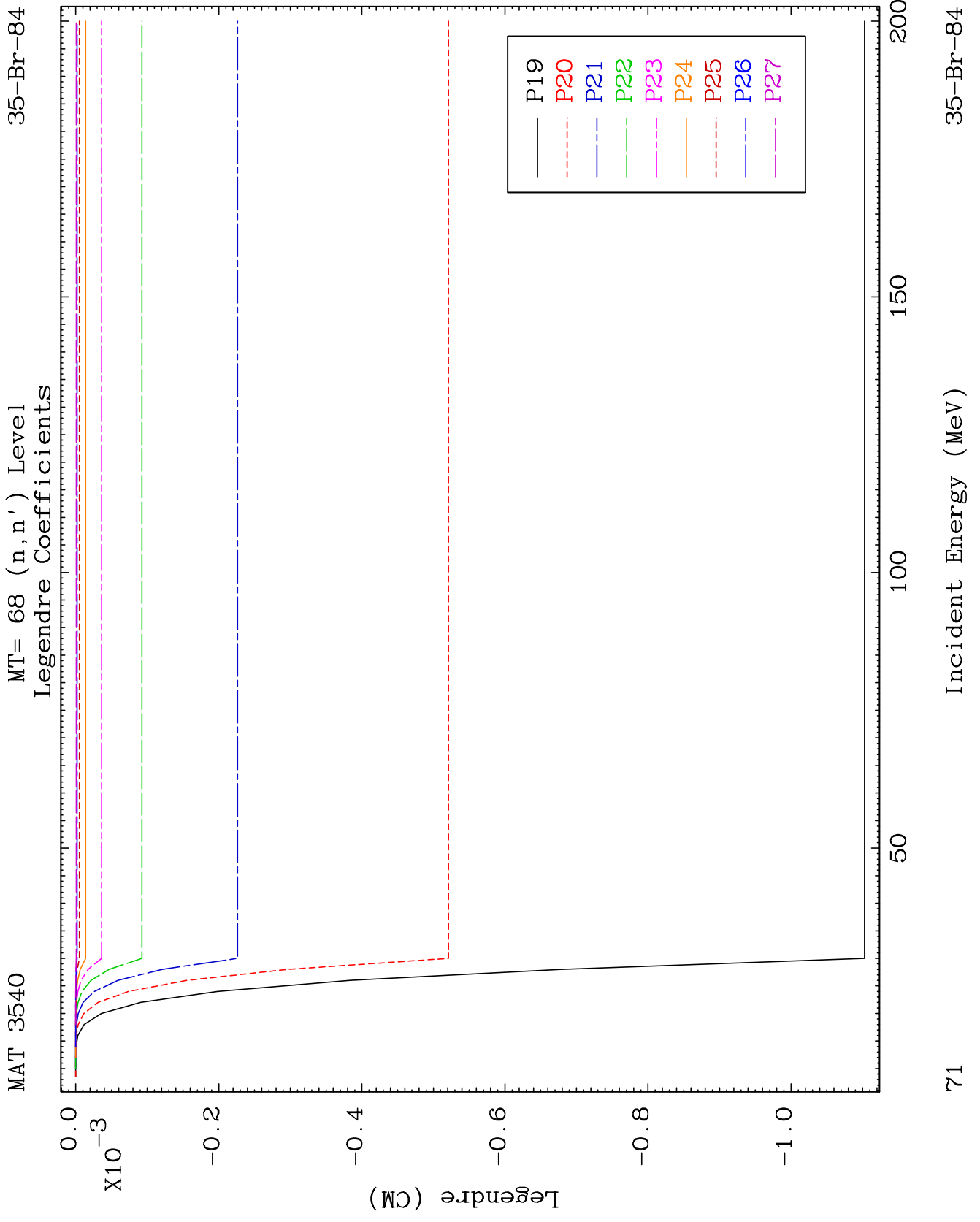


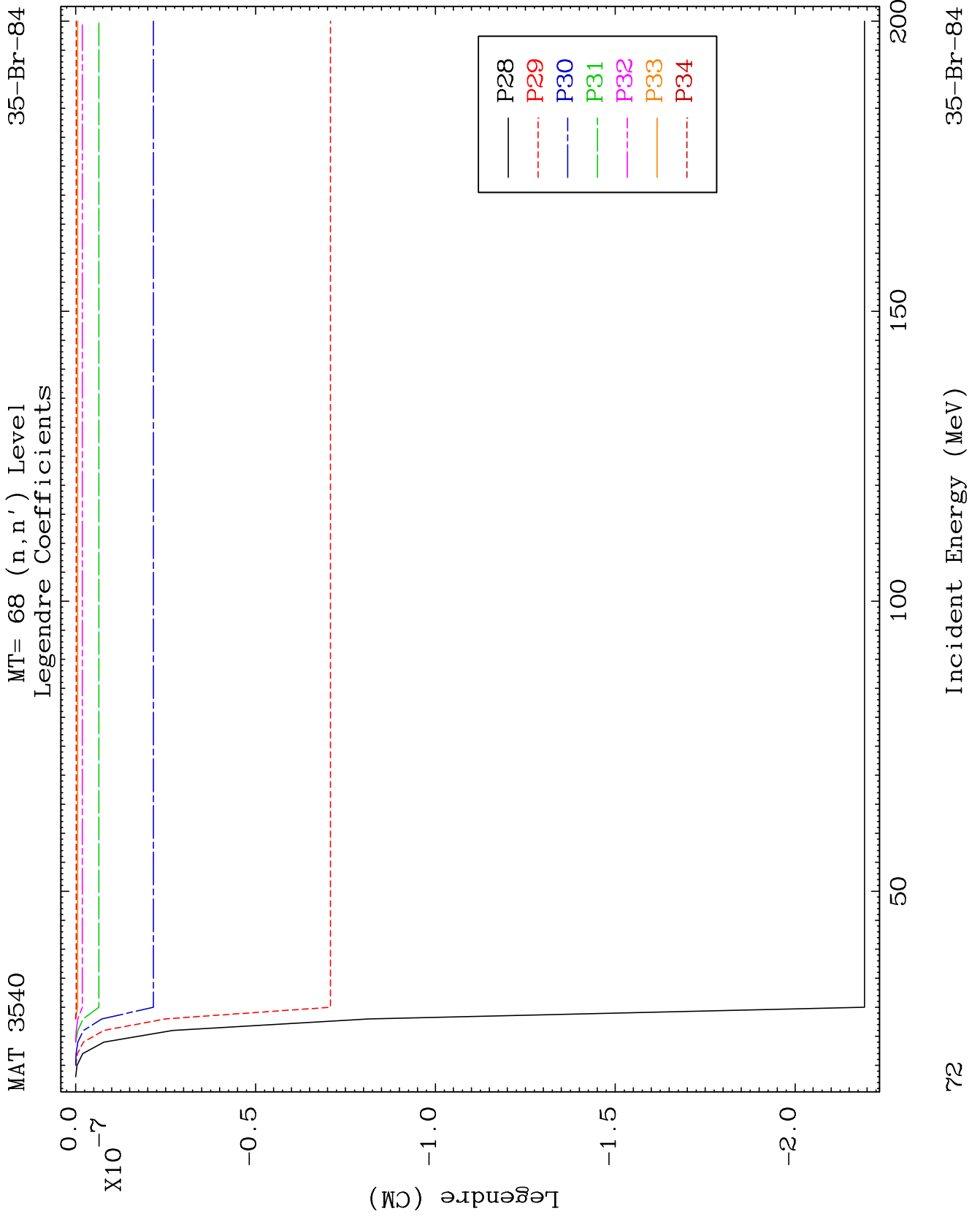
69

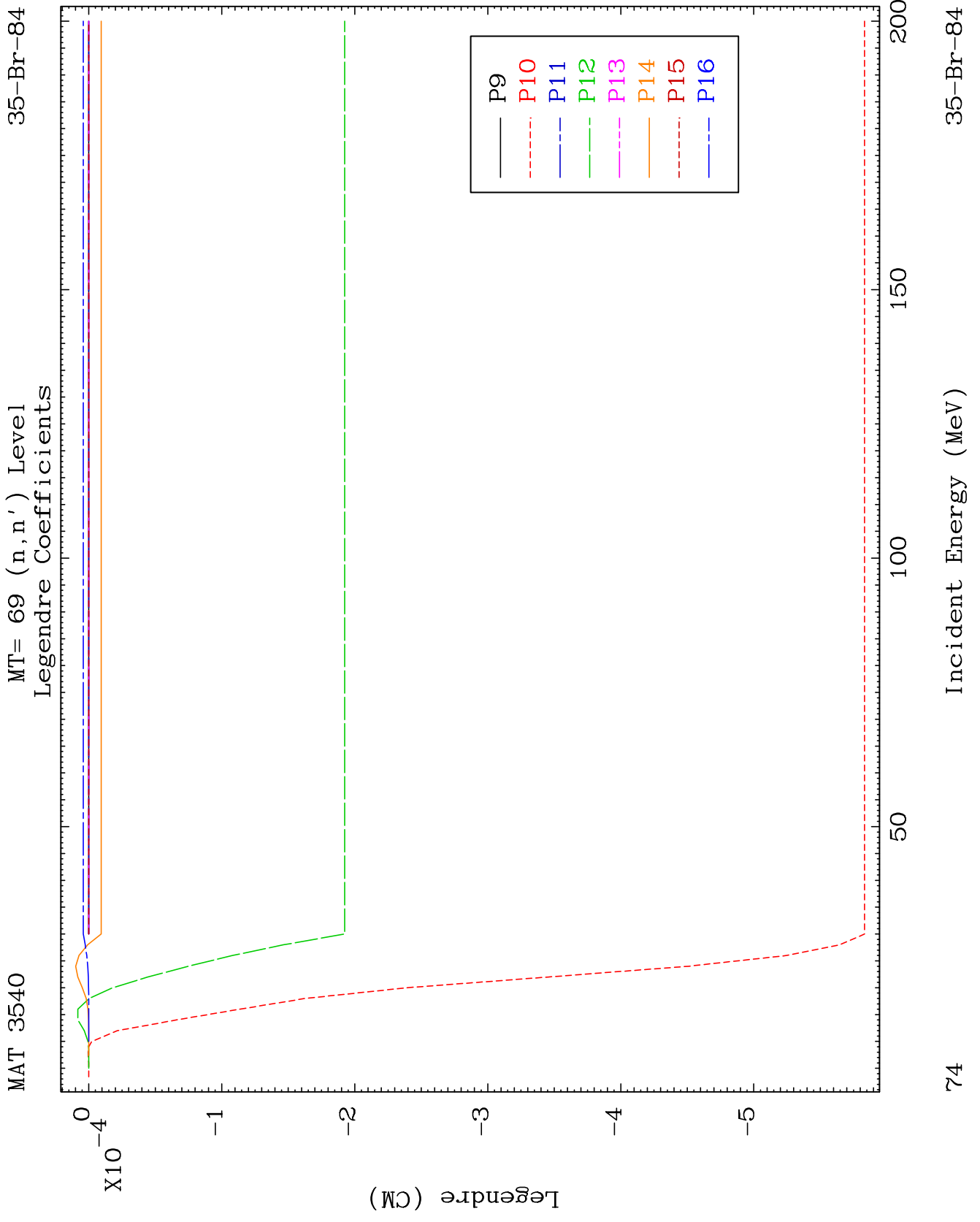
Incident Energy (MeV)

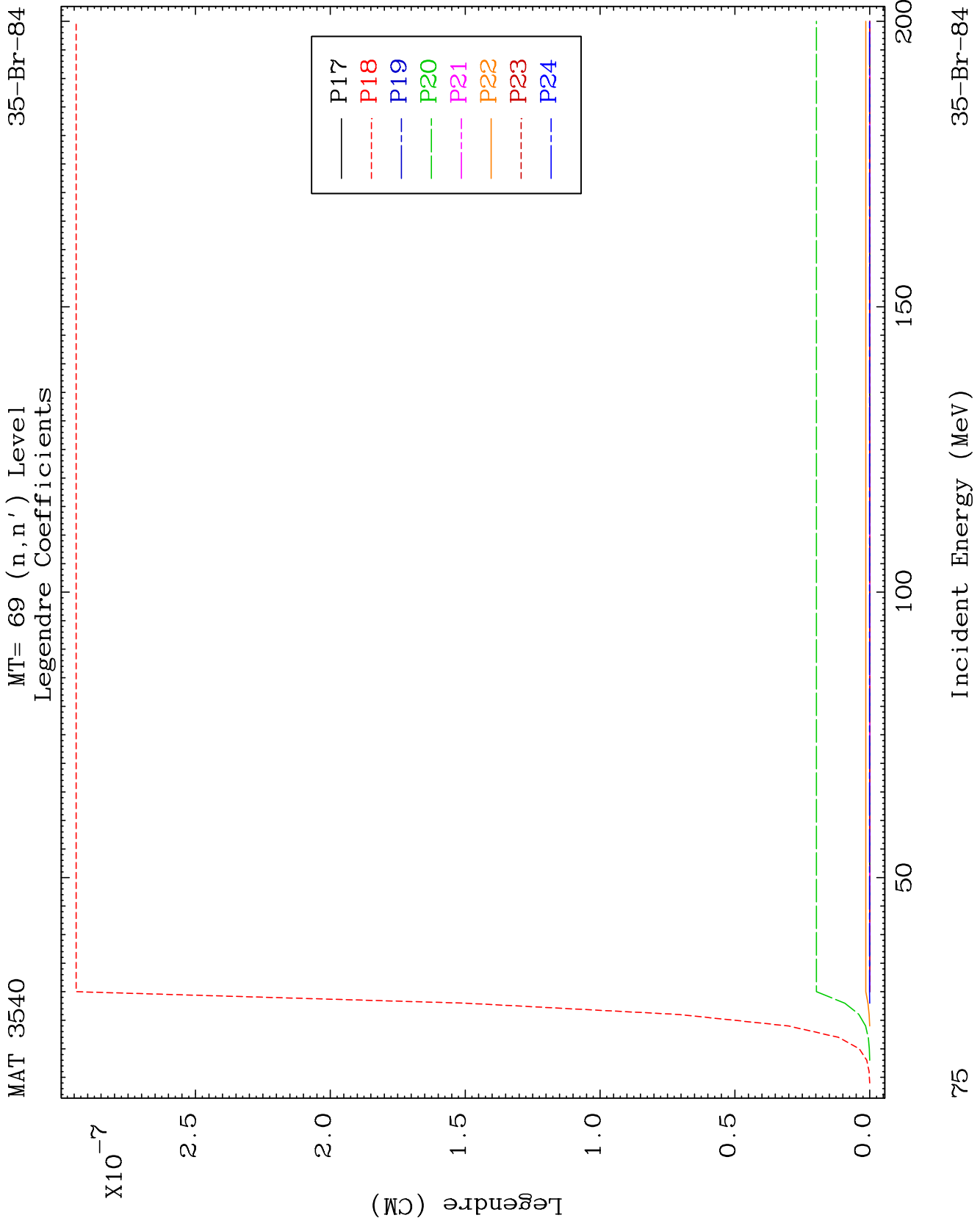
35-Br-84







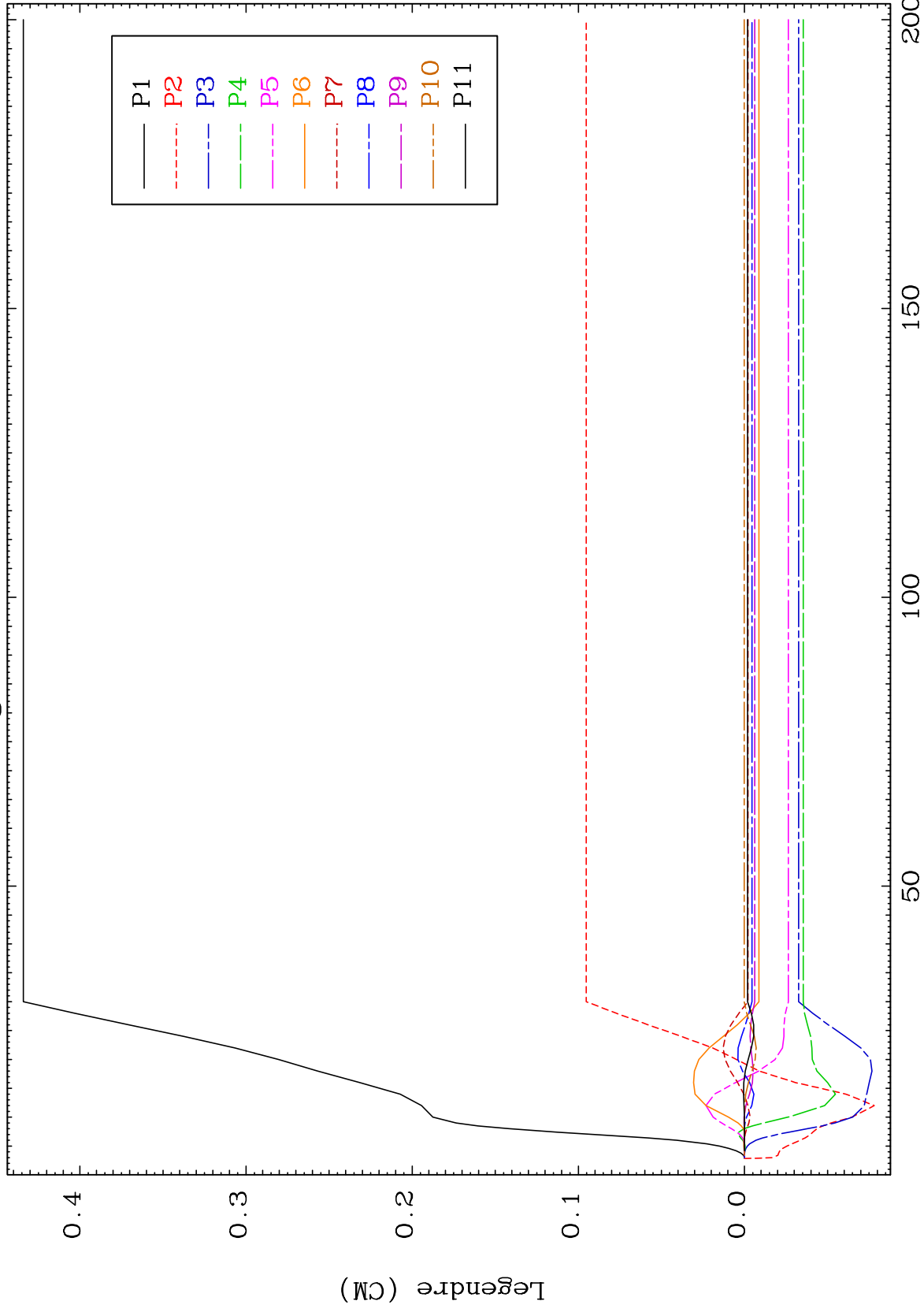




MAT 3540

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

35-Br-84



76

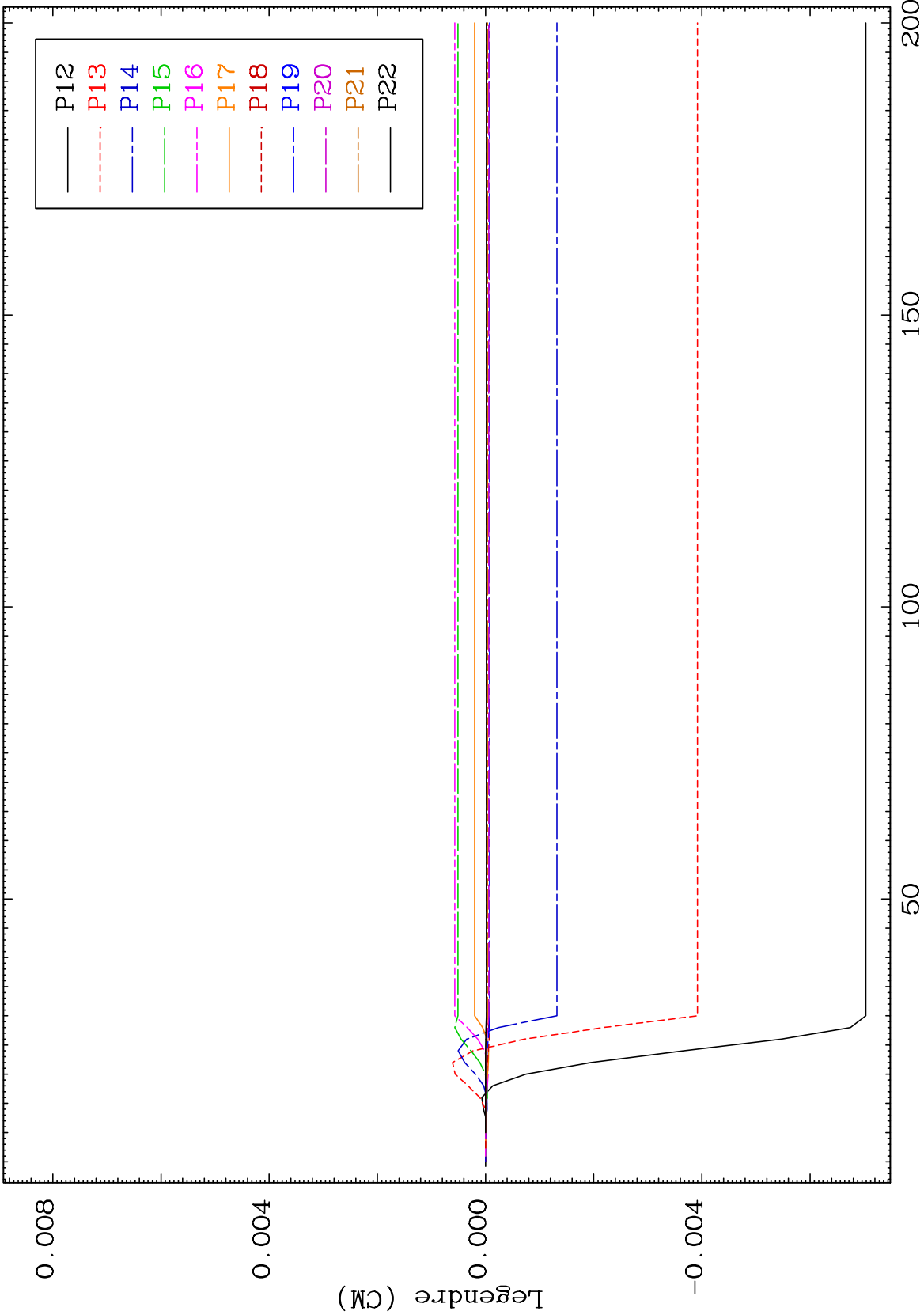
Incident Energy (MeV)

35-Br-84

MAT 3540

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

35-Br-84



77

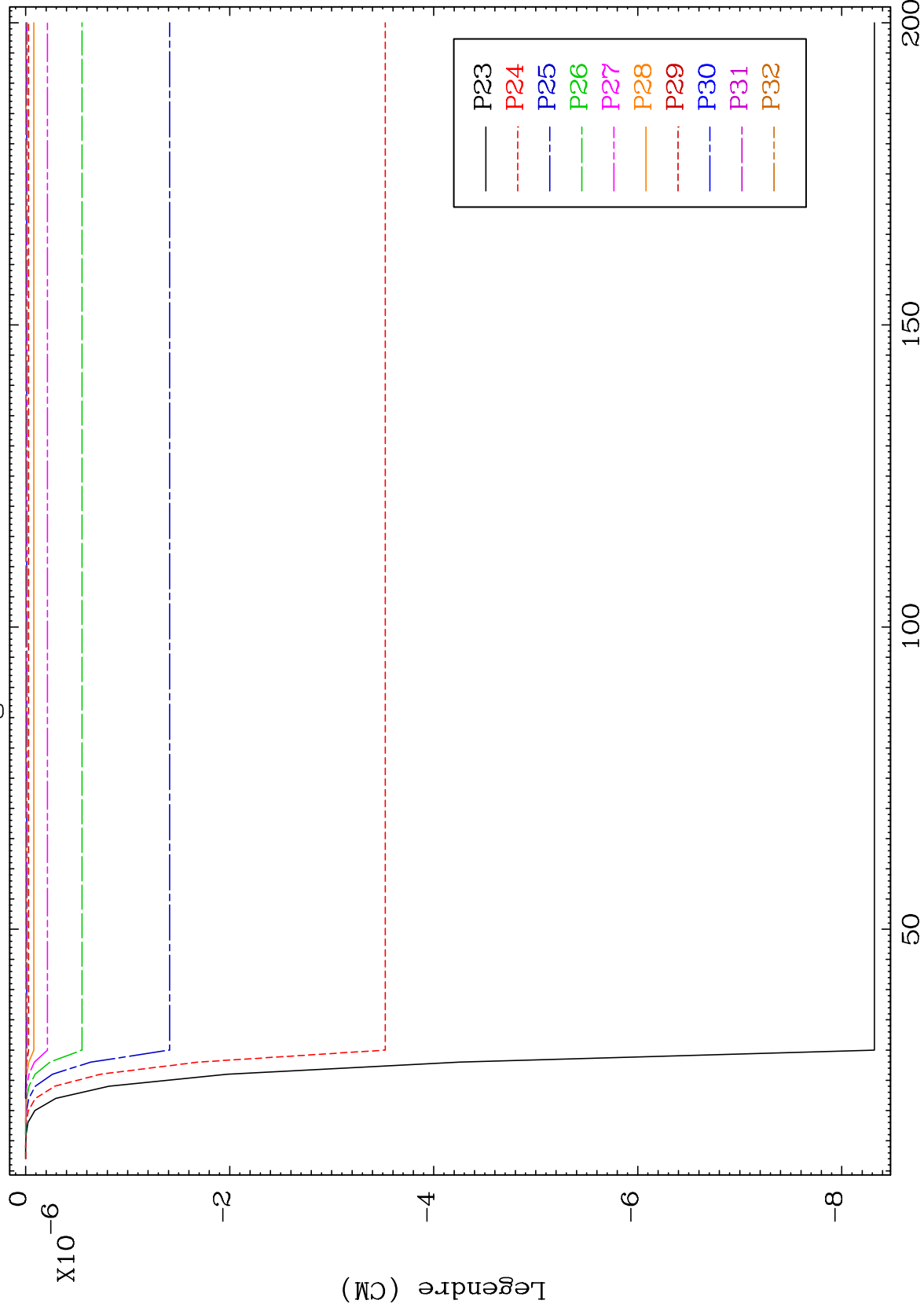
Incident Energy (MeV)

35-Br-84

MAT 3540

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

35-Br-84

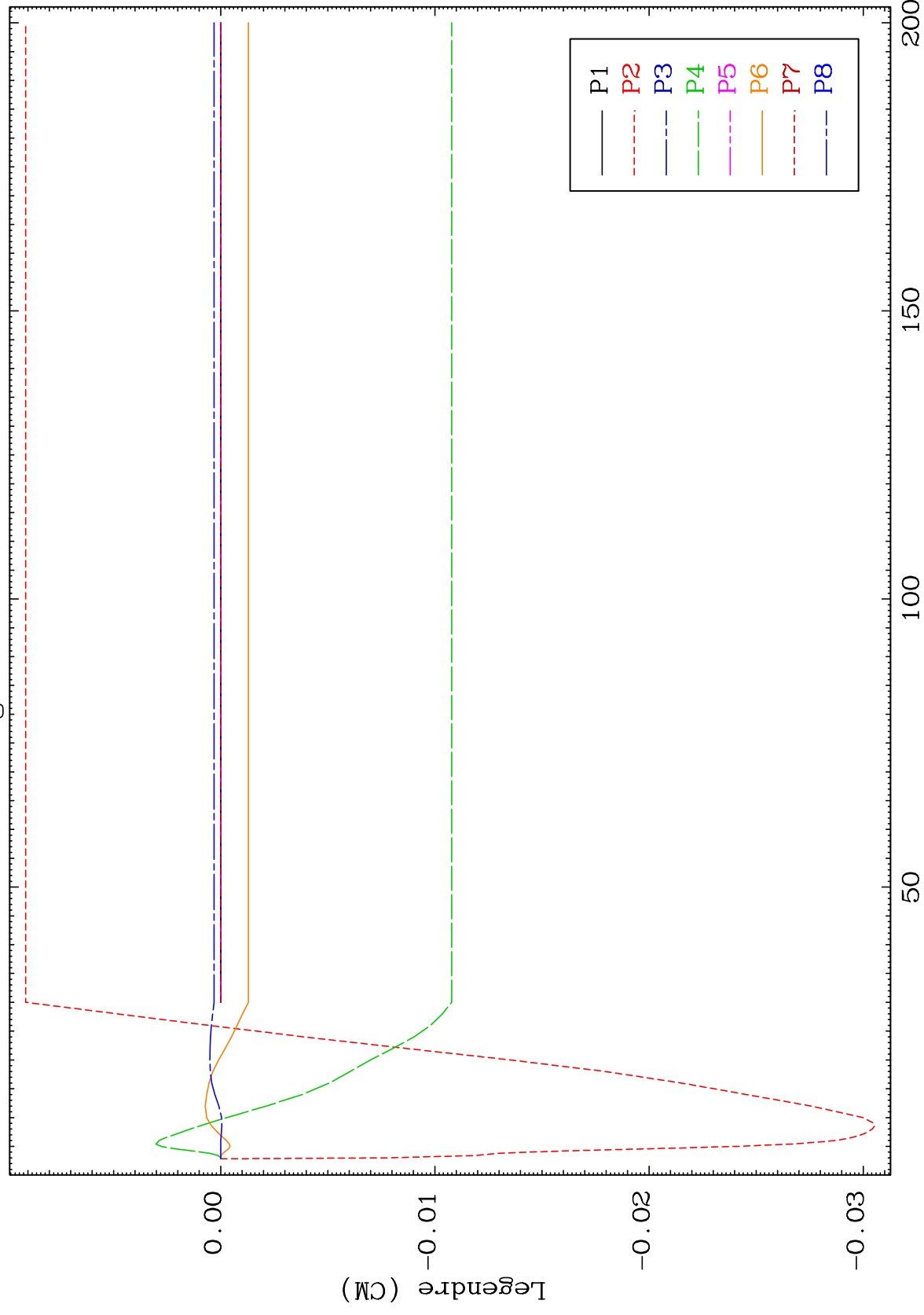


35-Br-84

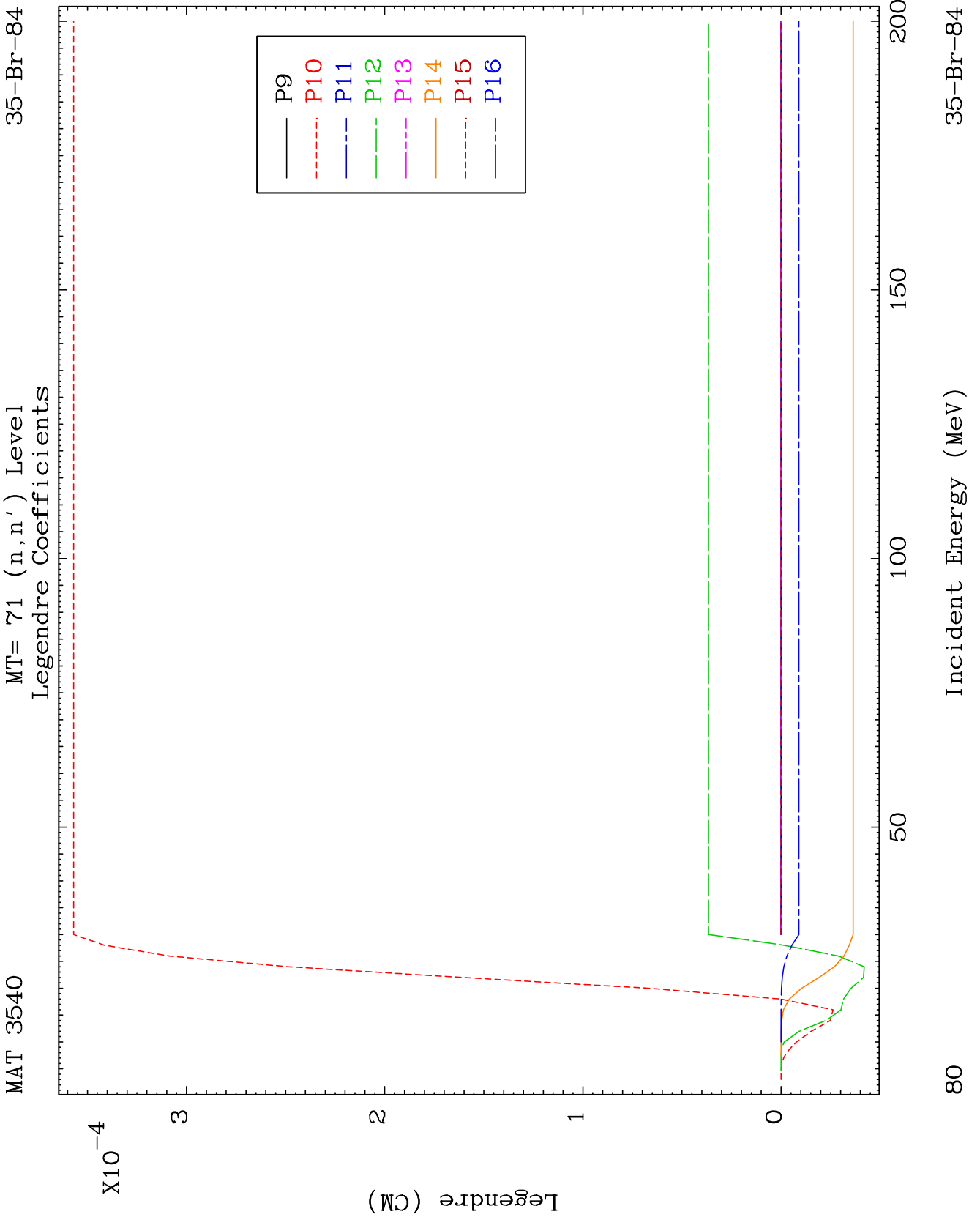
Incident Energy (MeV)

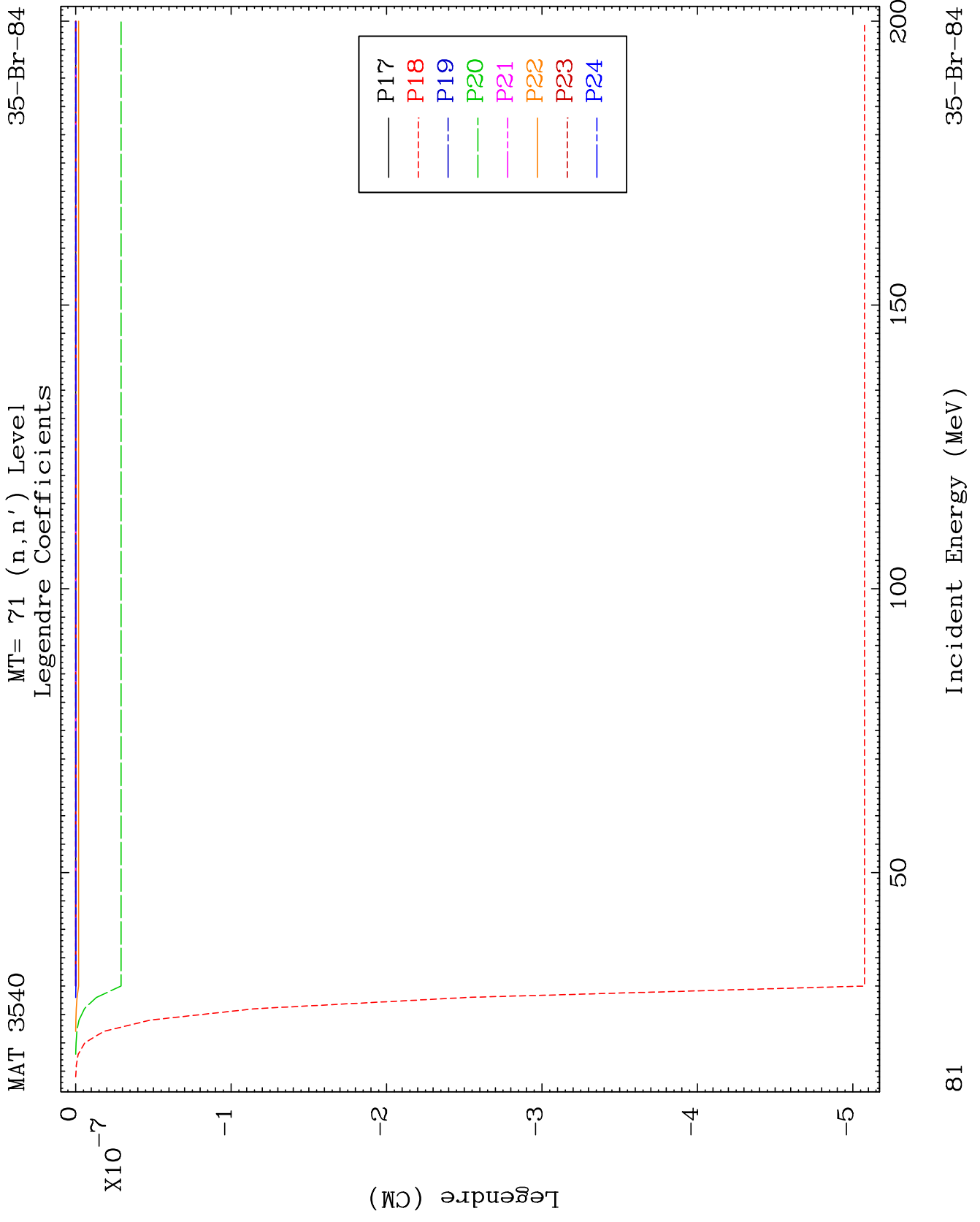
78

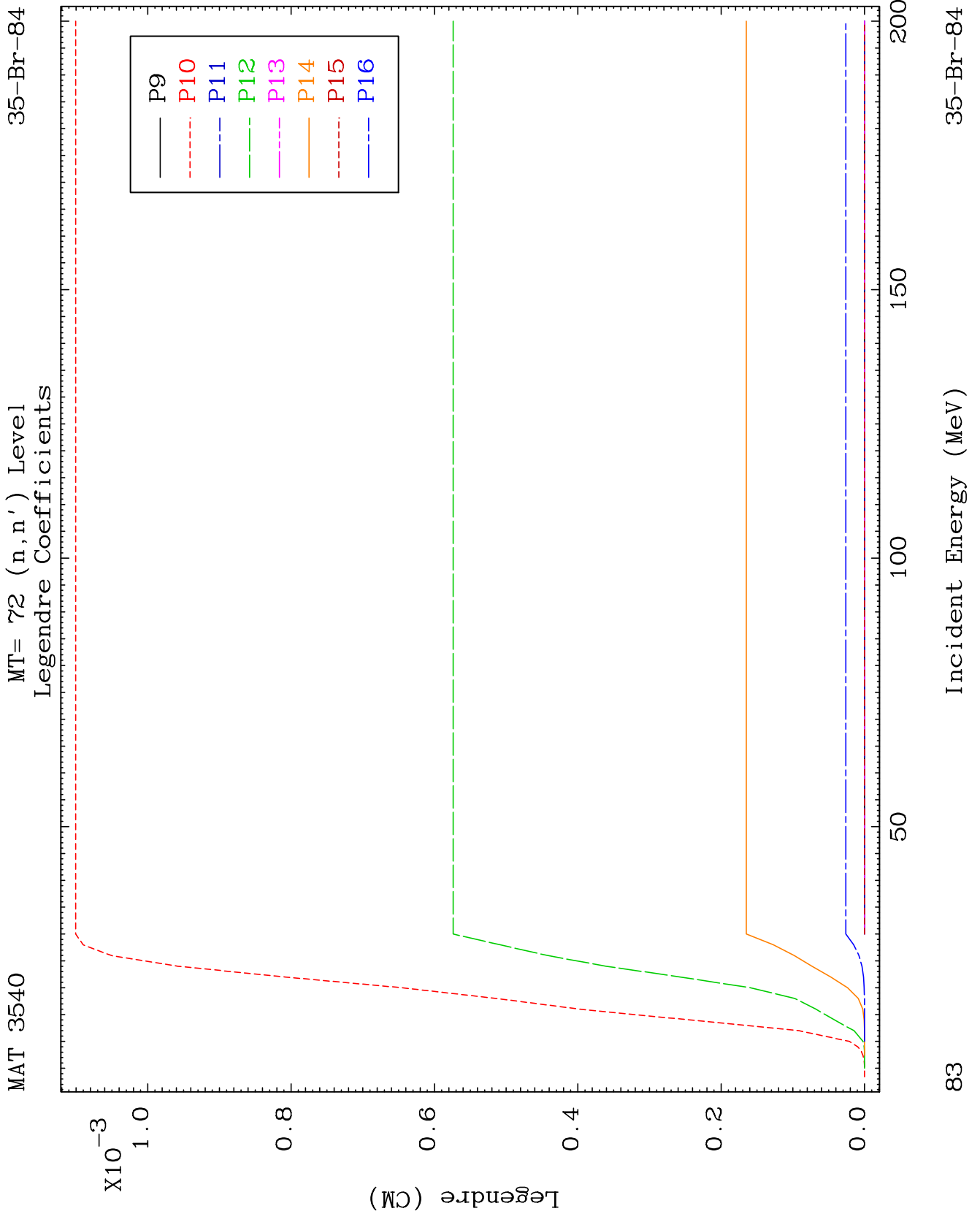
MAT 3540 MT= 71 (n,n') Level Legendre Coefficients 35-Br-84

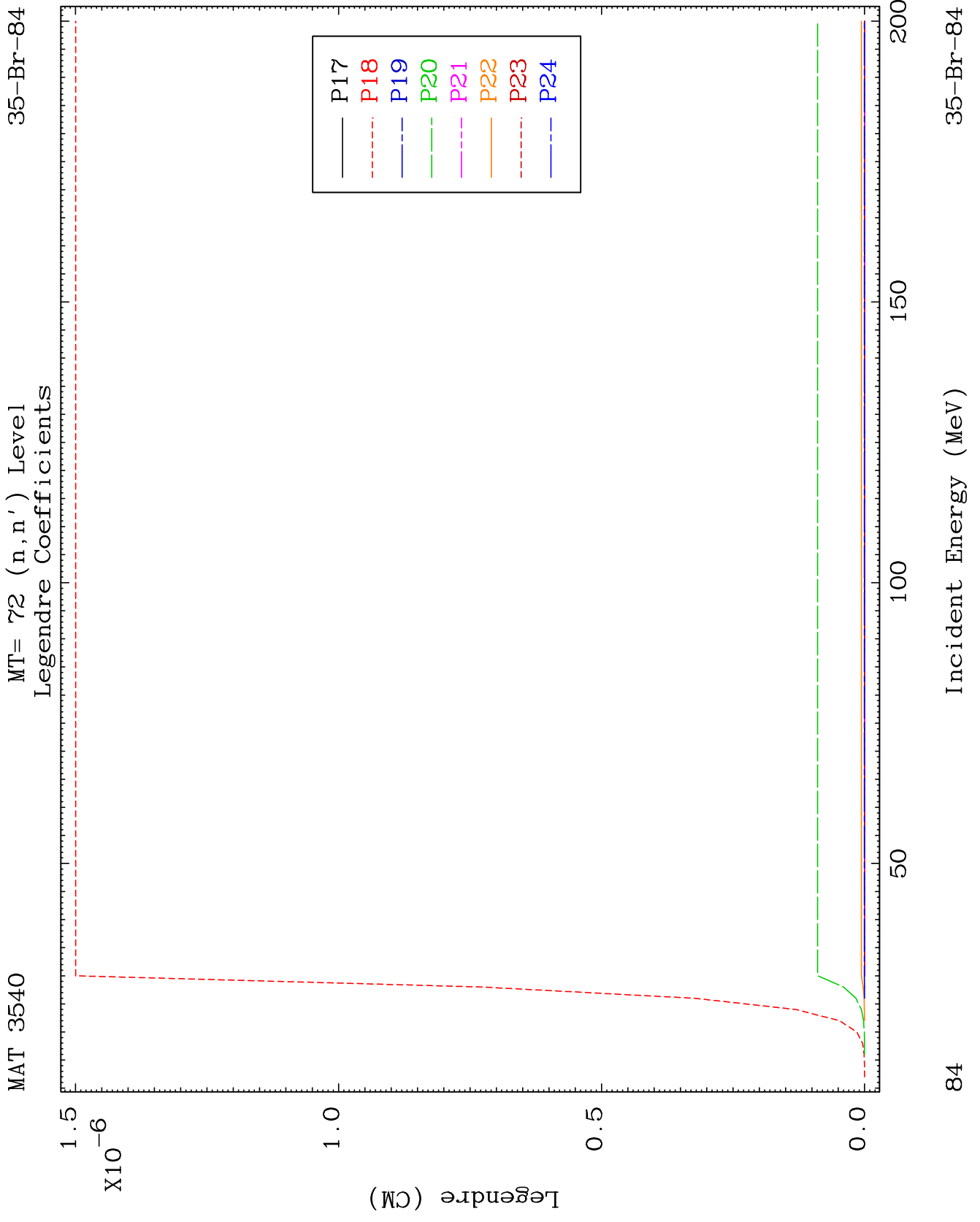


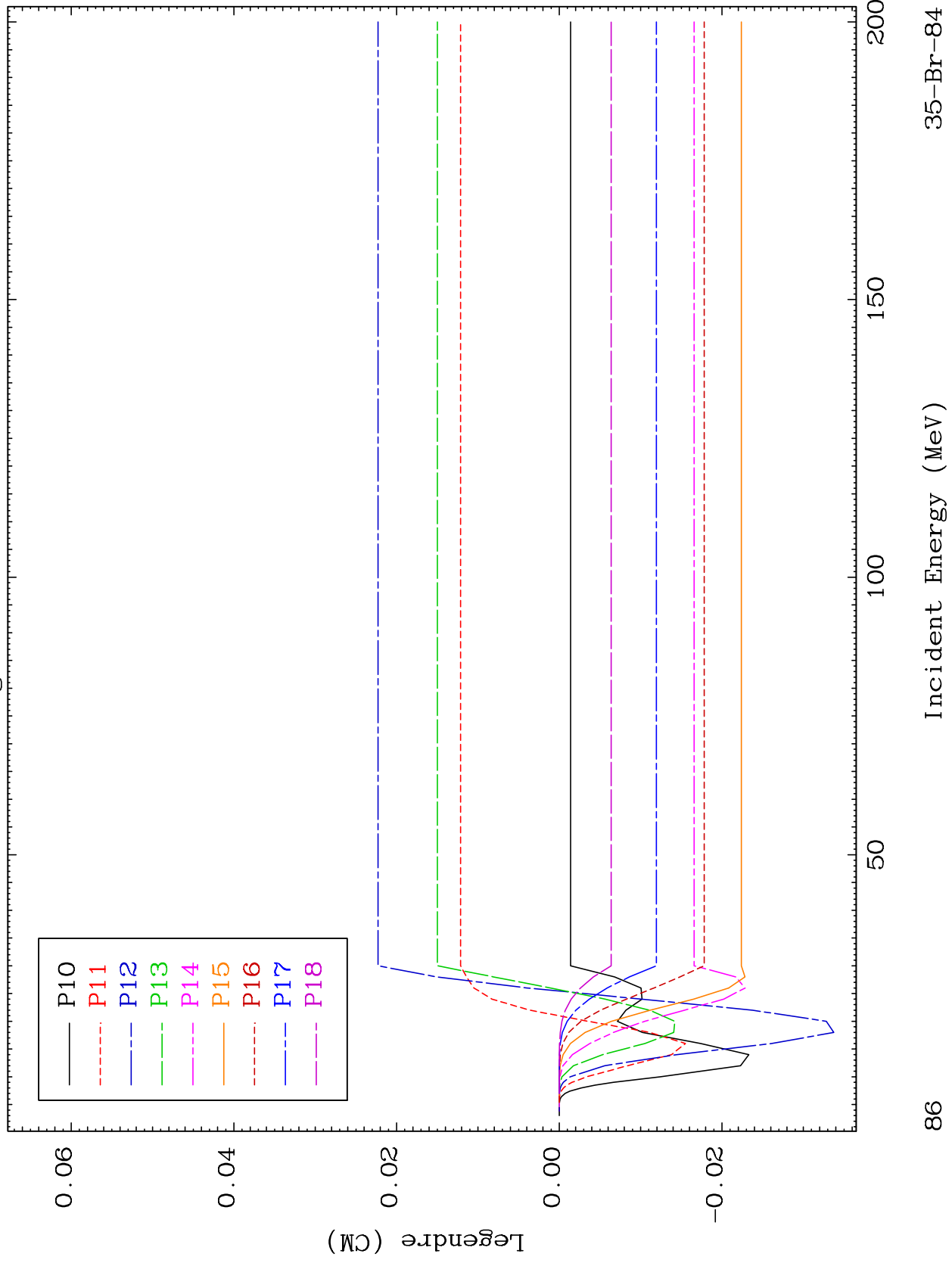
79 35-Br-84

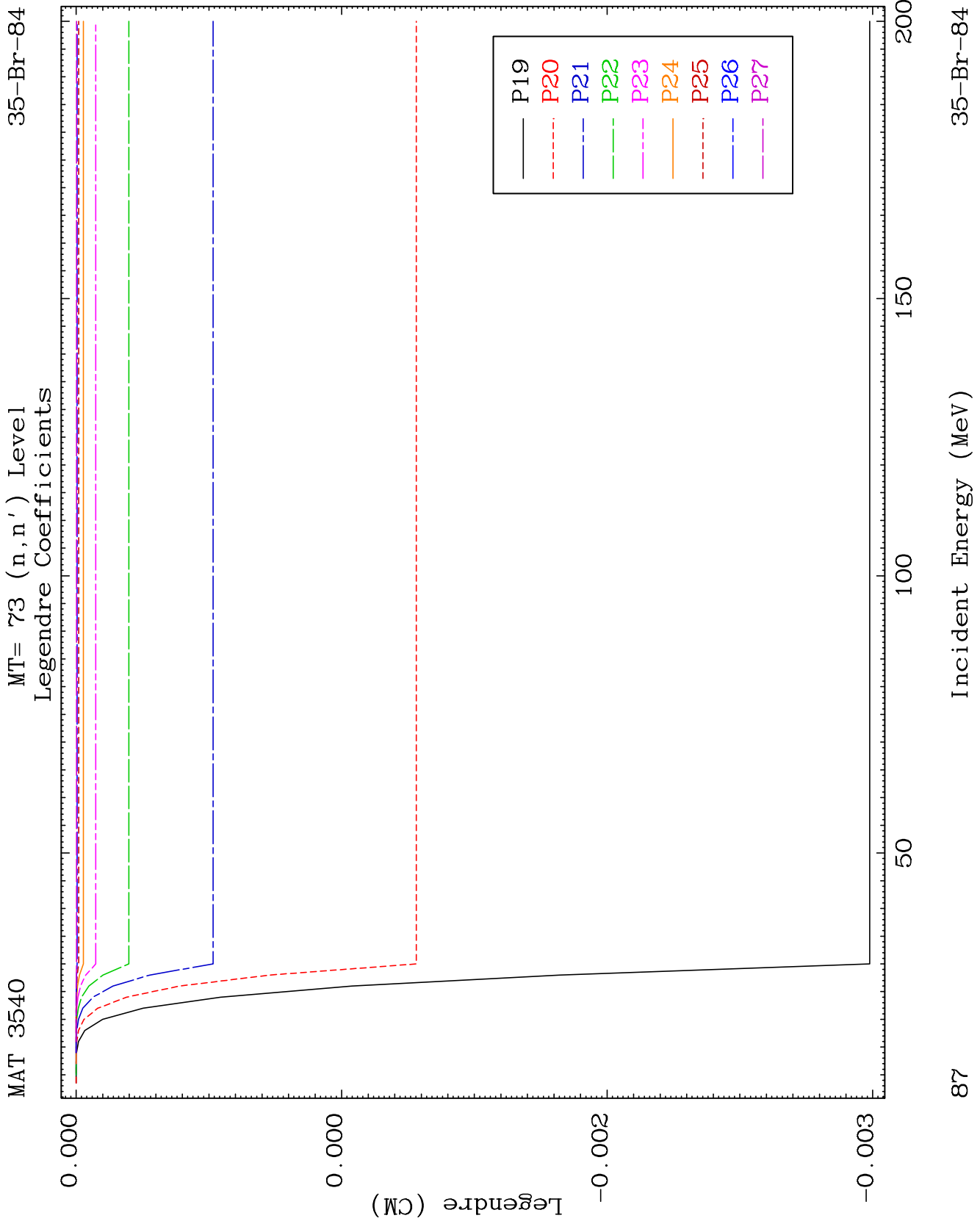


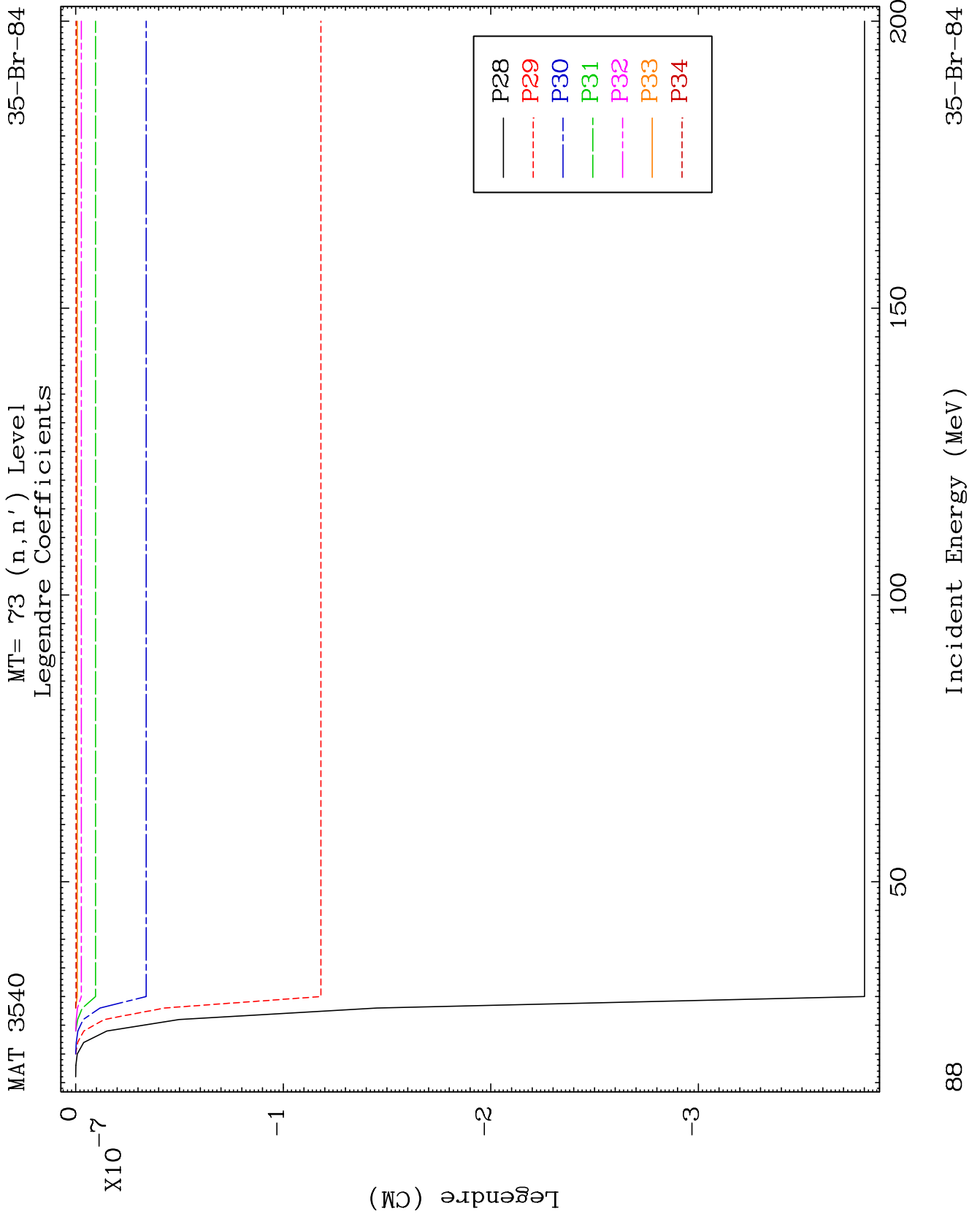








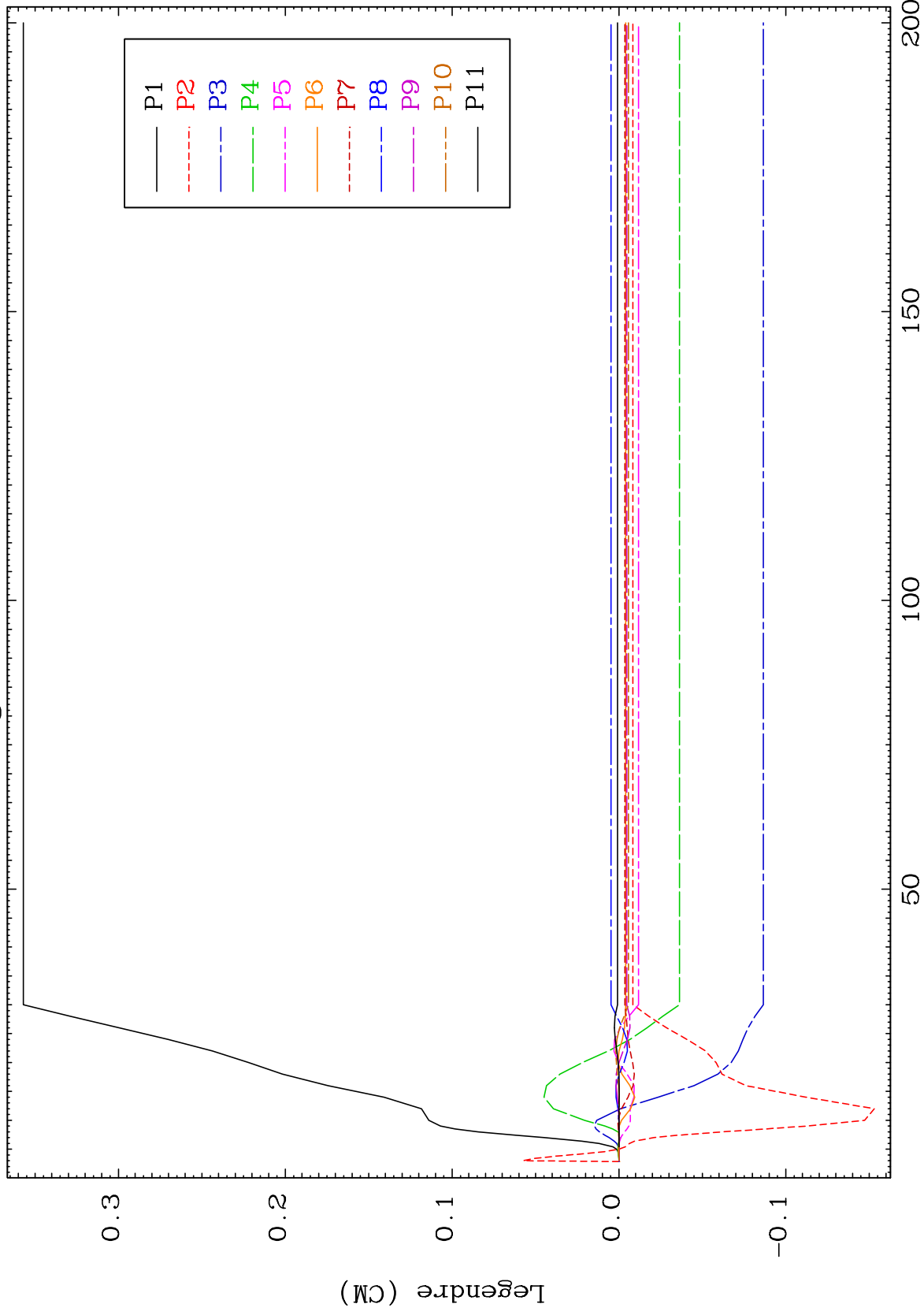




MAT 3540

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

35-Br-84



89

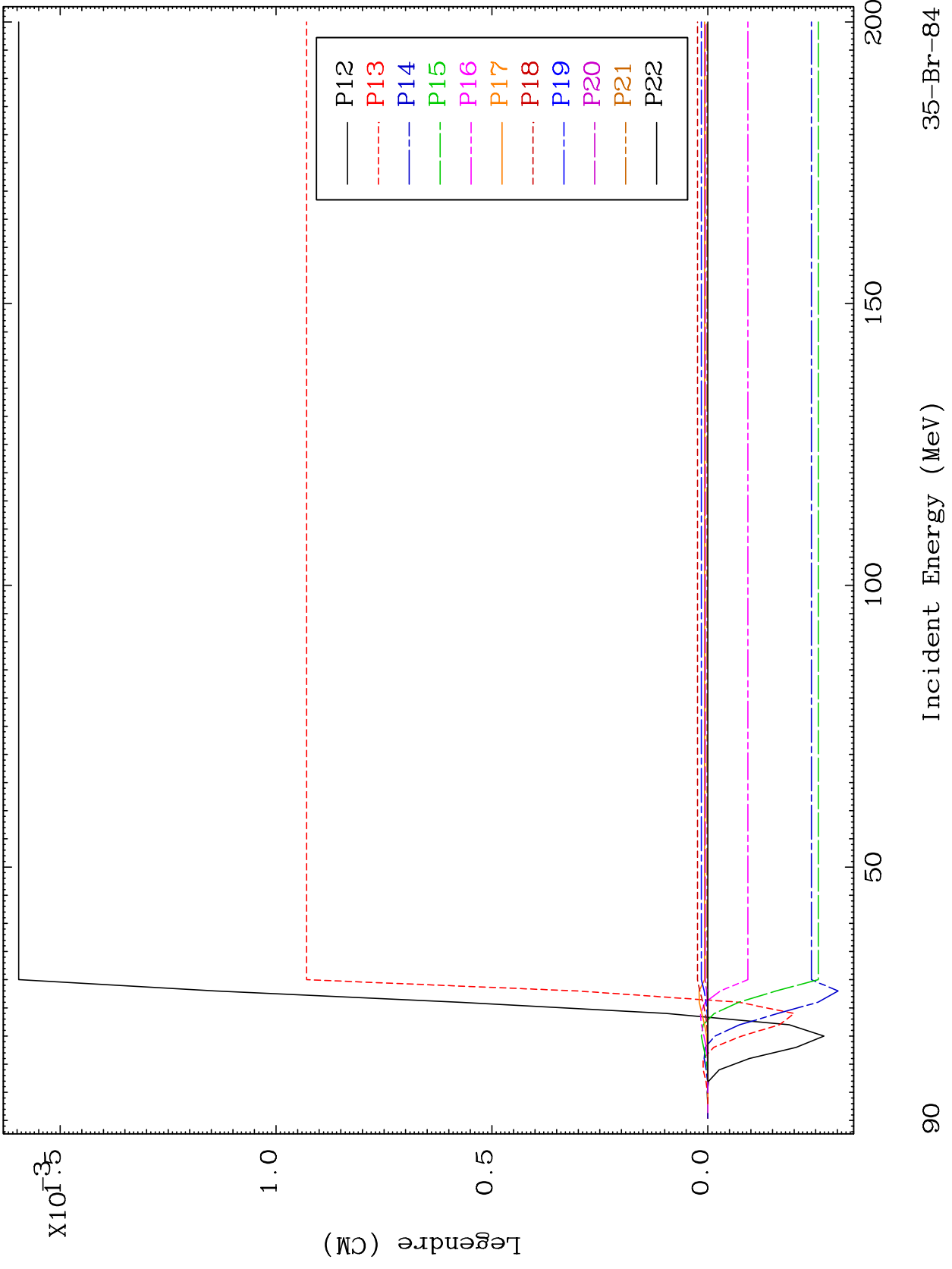
Incident Energy (MeV)

35-Br-84

MAT 3540

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

35-Br-84



90

50

100

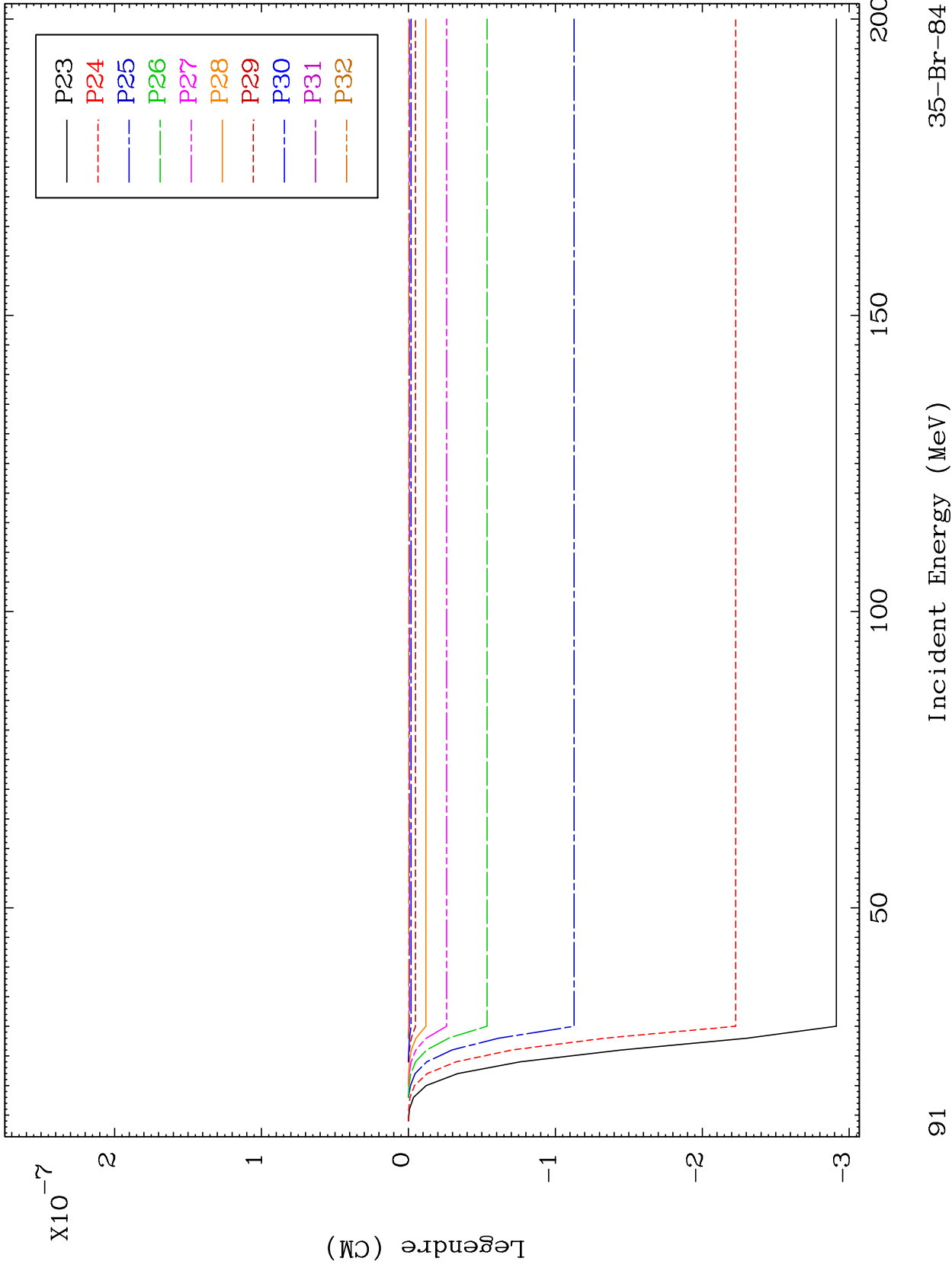
150

200

MAT 3540

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

35-Br-84

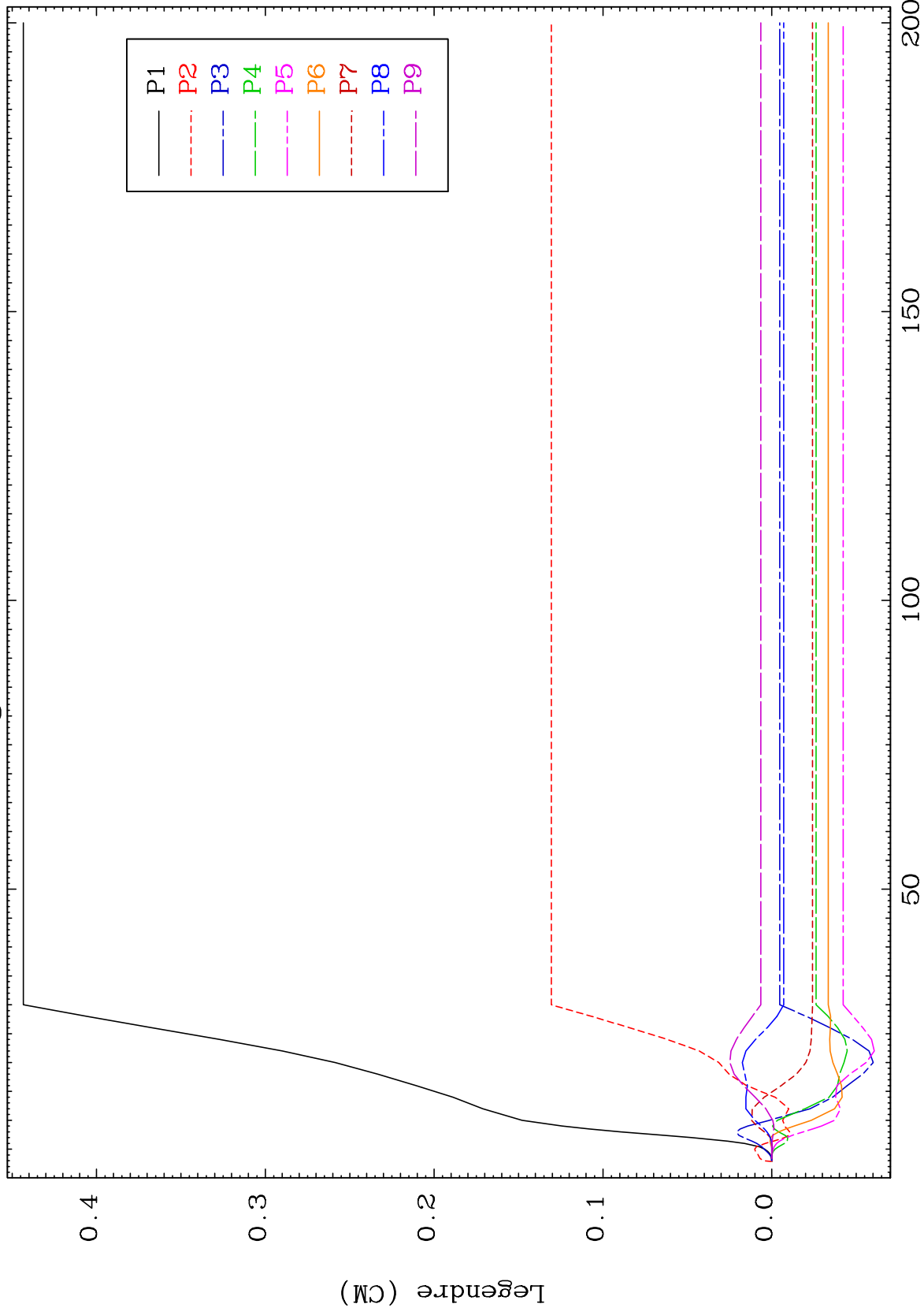


91

MAT 3540

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

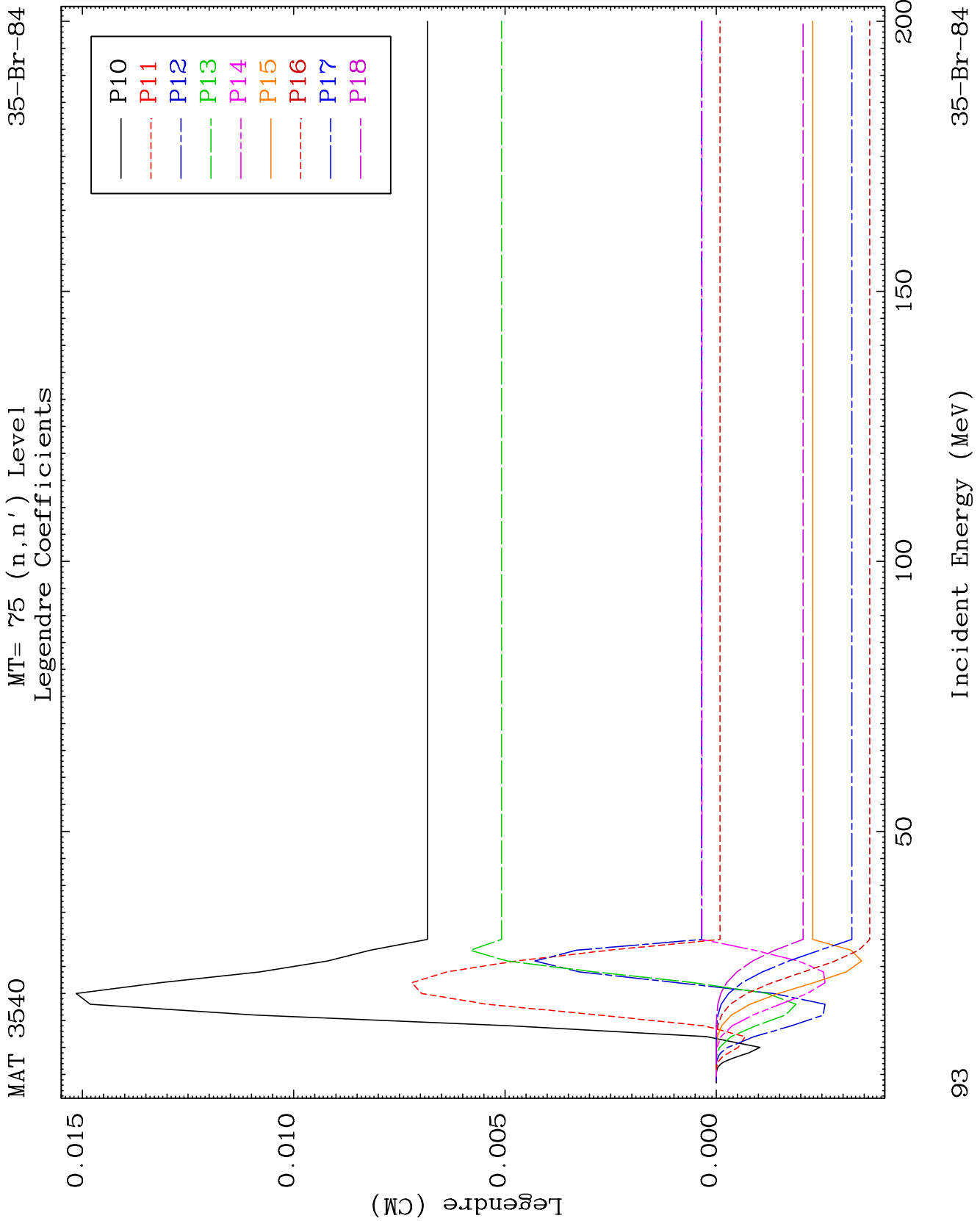
35-Br-84

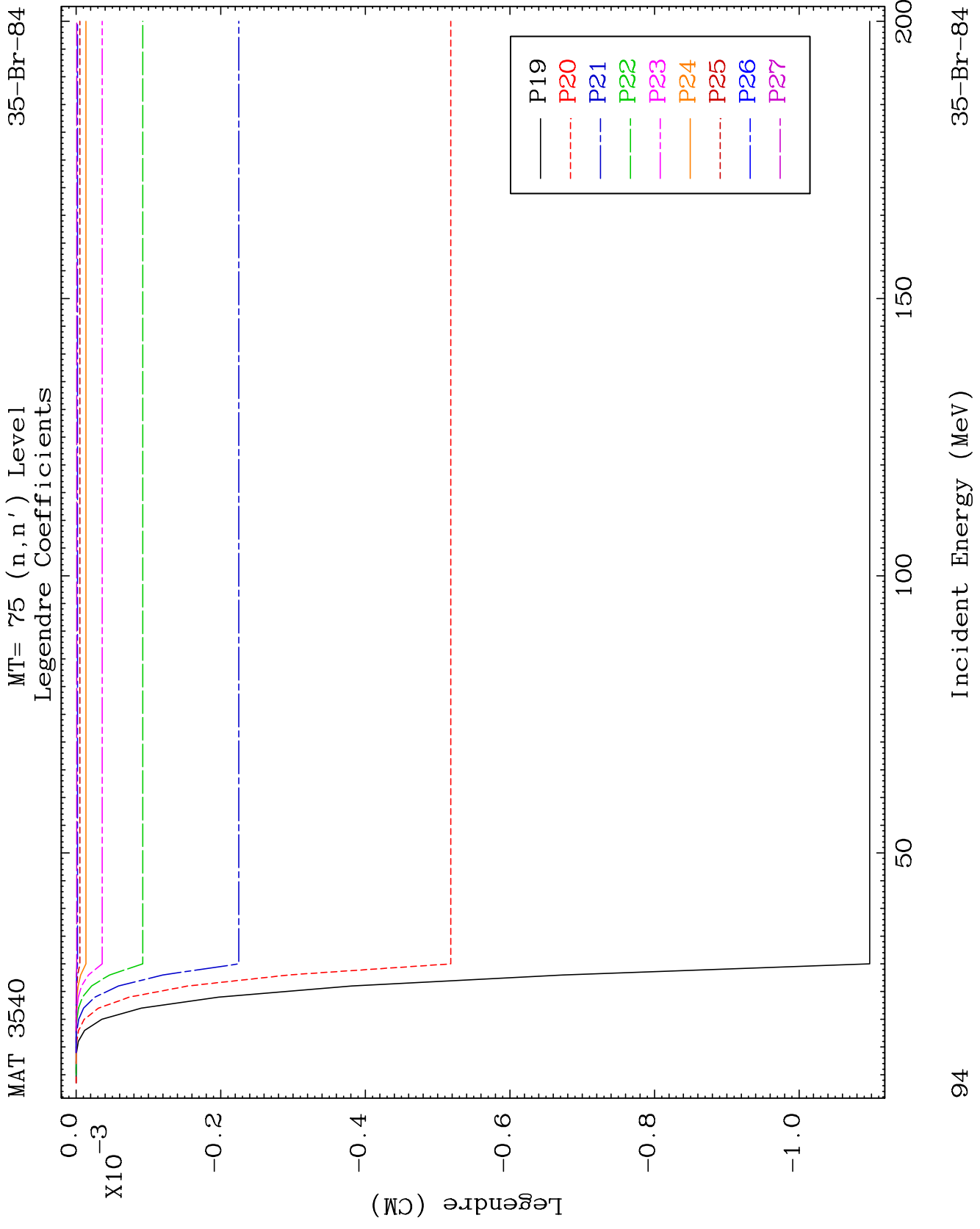


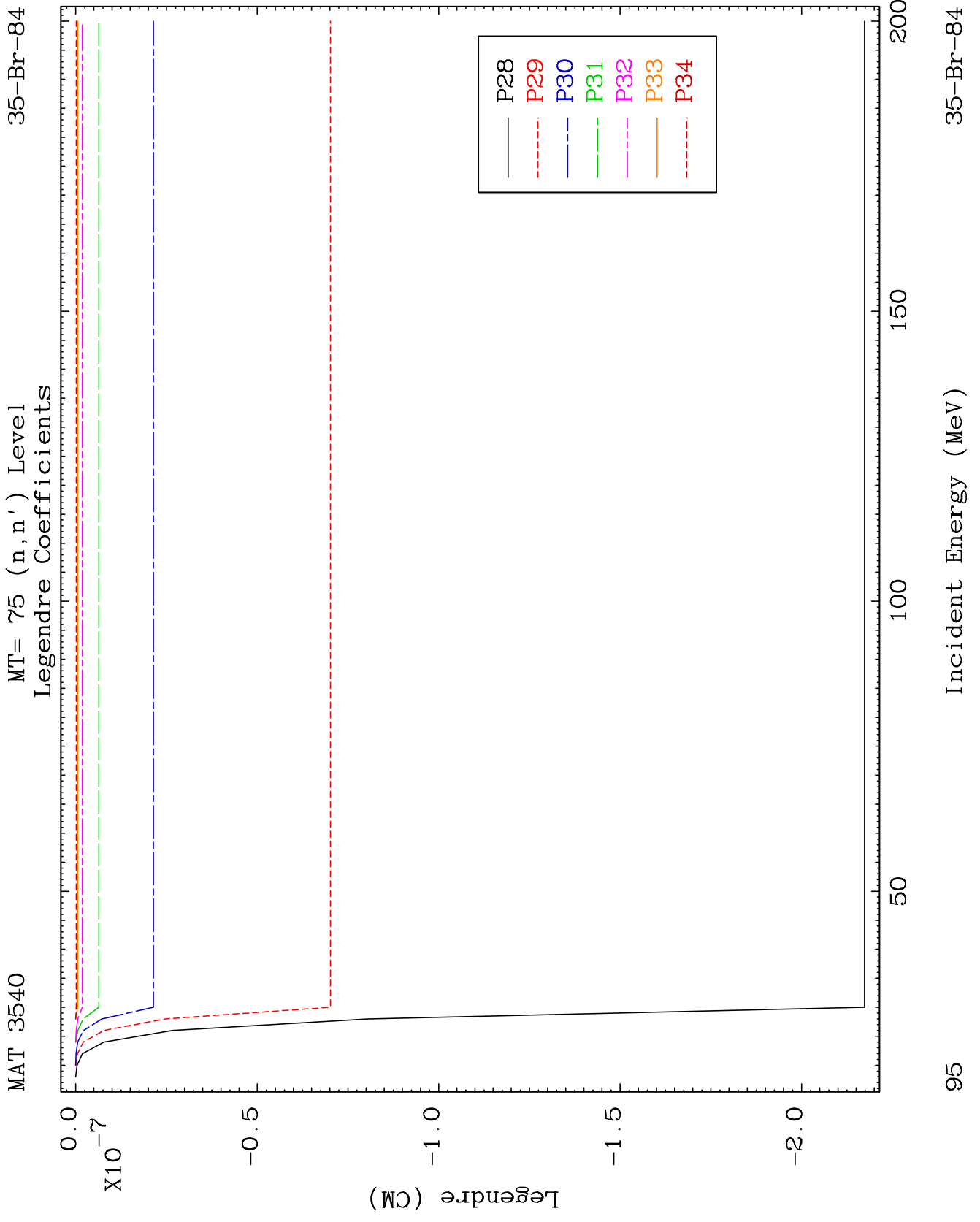
92

Incident Energy (MeV)

35-Br-84



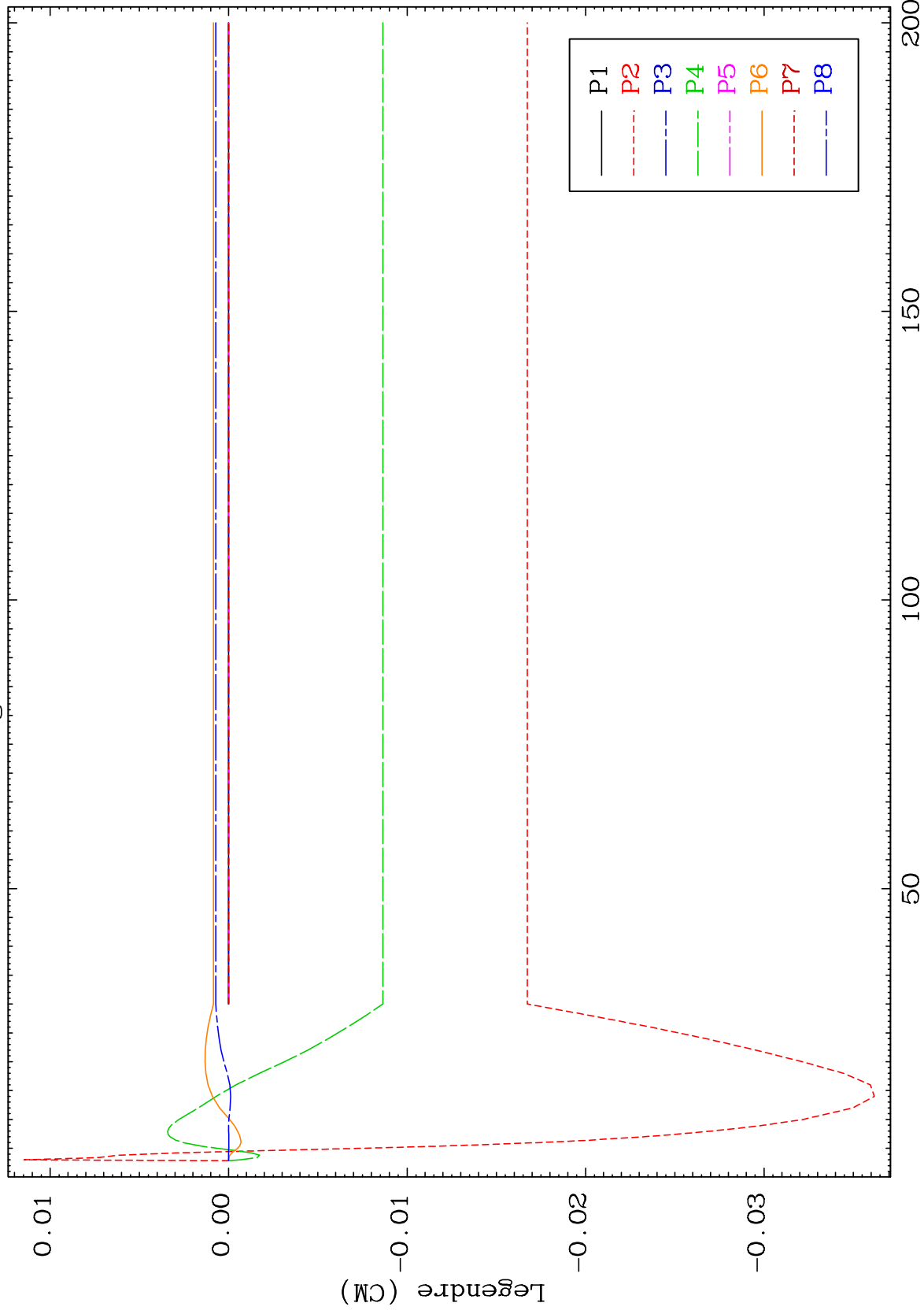




MAT 3540

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

35-Br-84



96

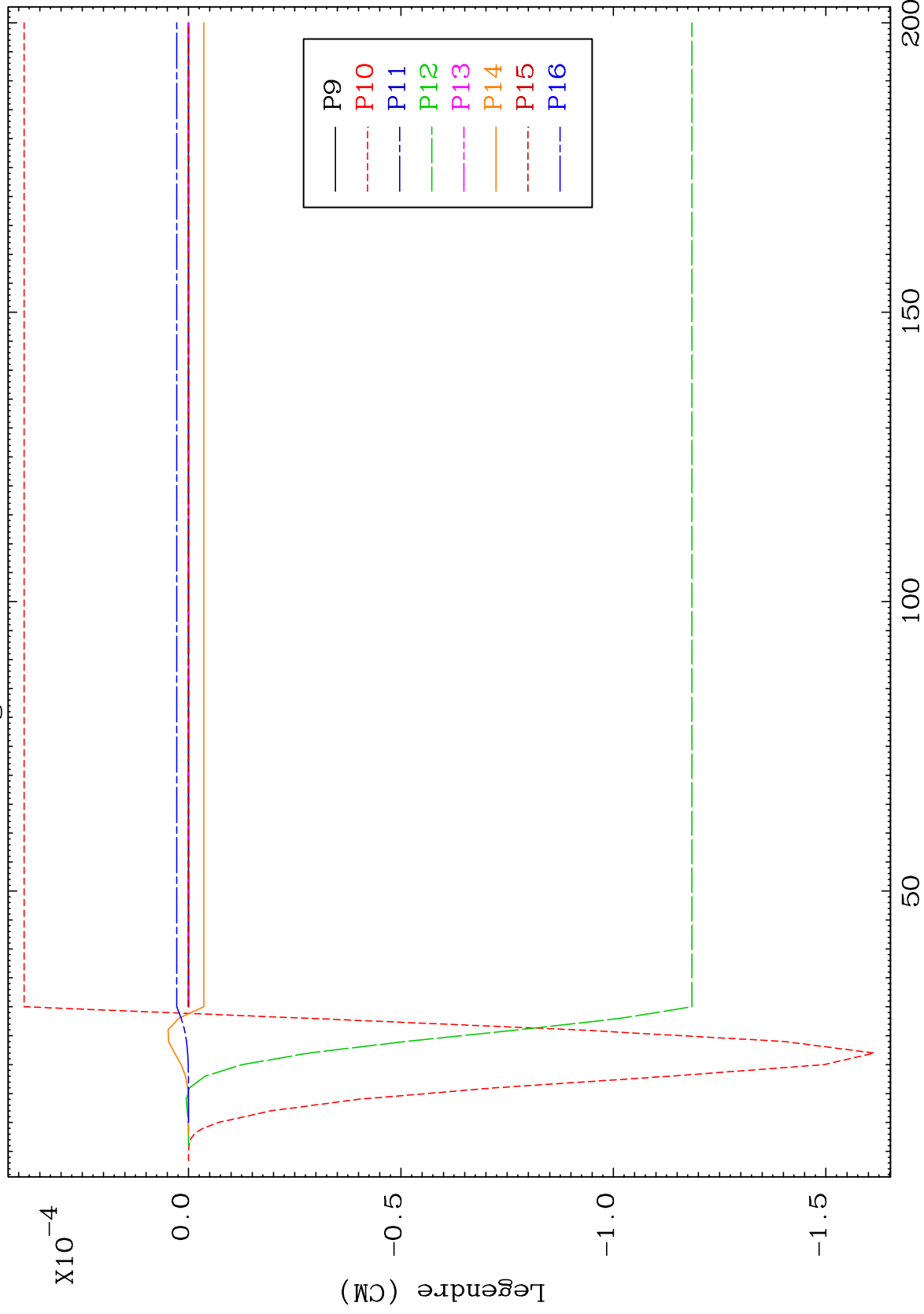
Incident Energy (MeV)

35-Br-84

MAT 3540

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

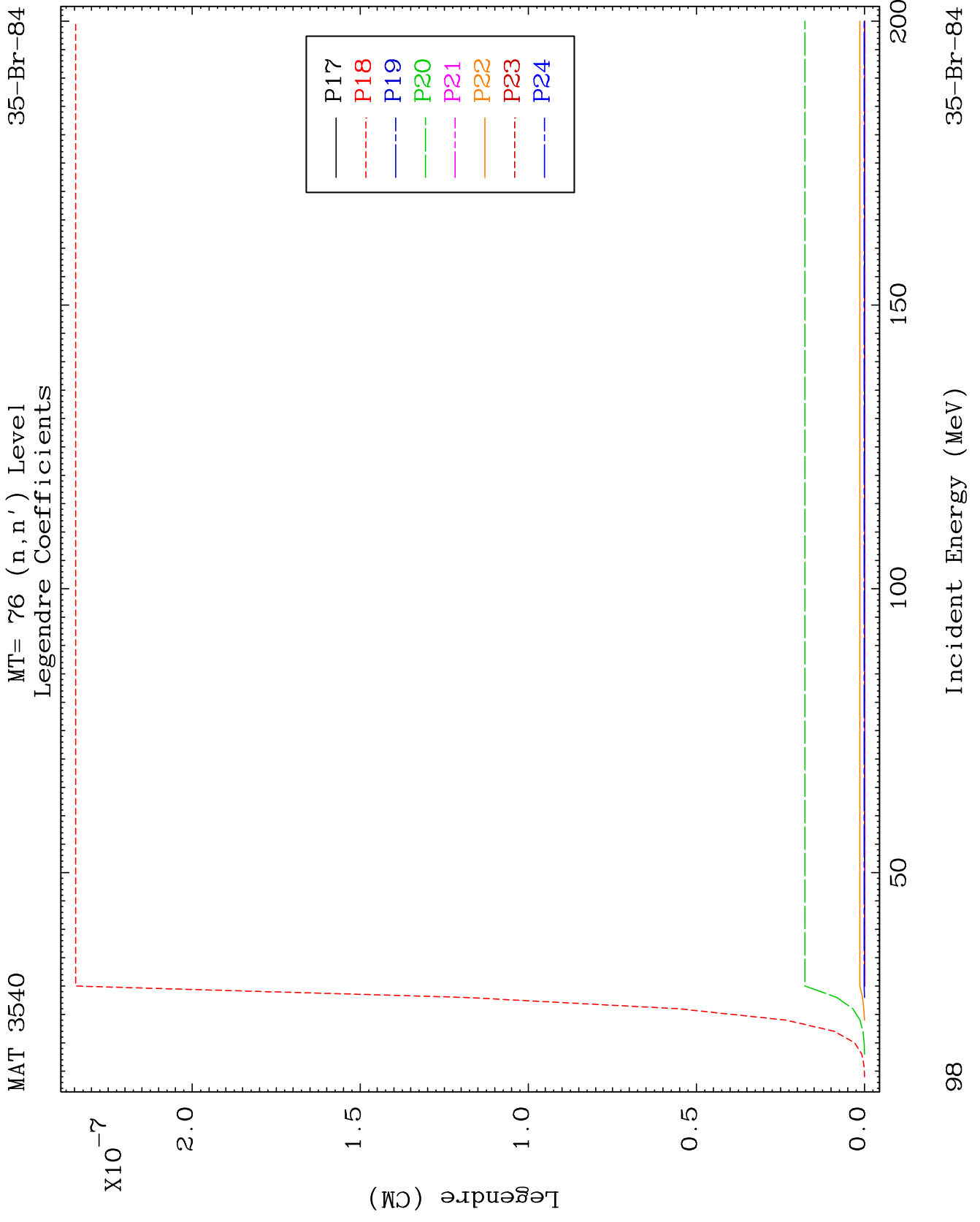
35-Br-84



97

Incident Energy (MeV)

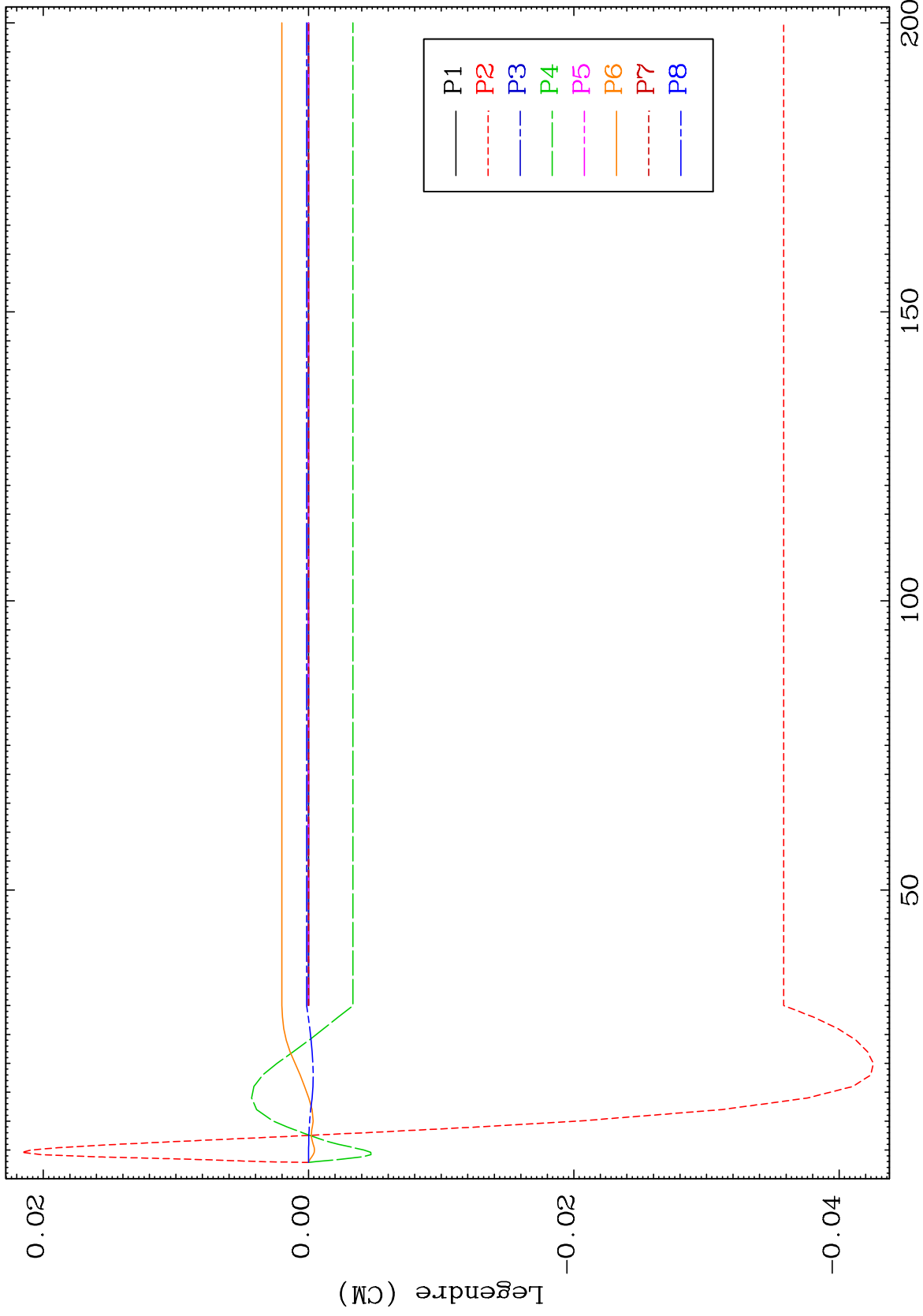
35-Br-84



MAT 3540

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

35-Br-84



99

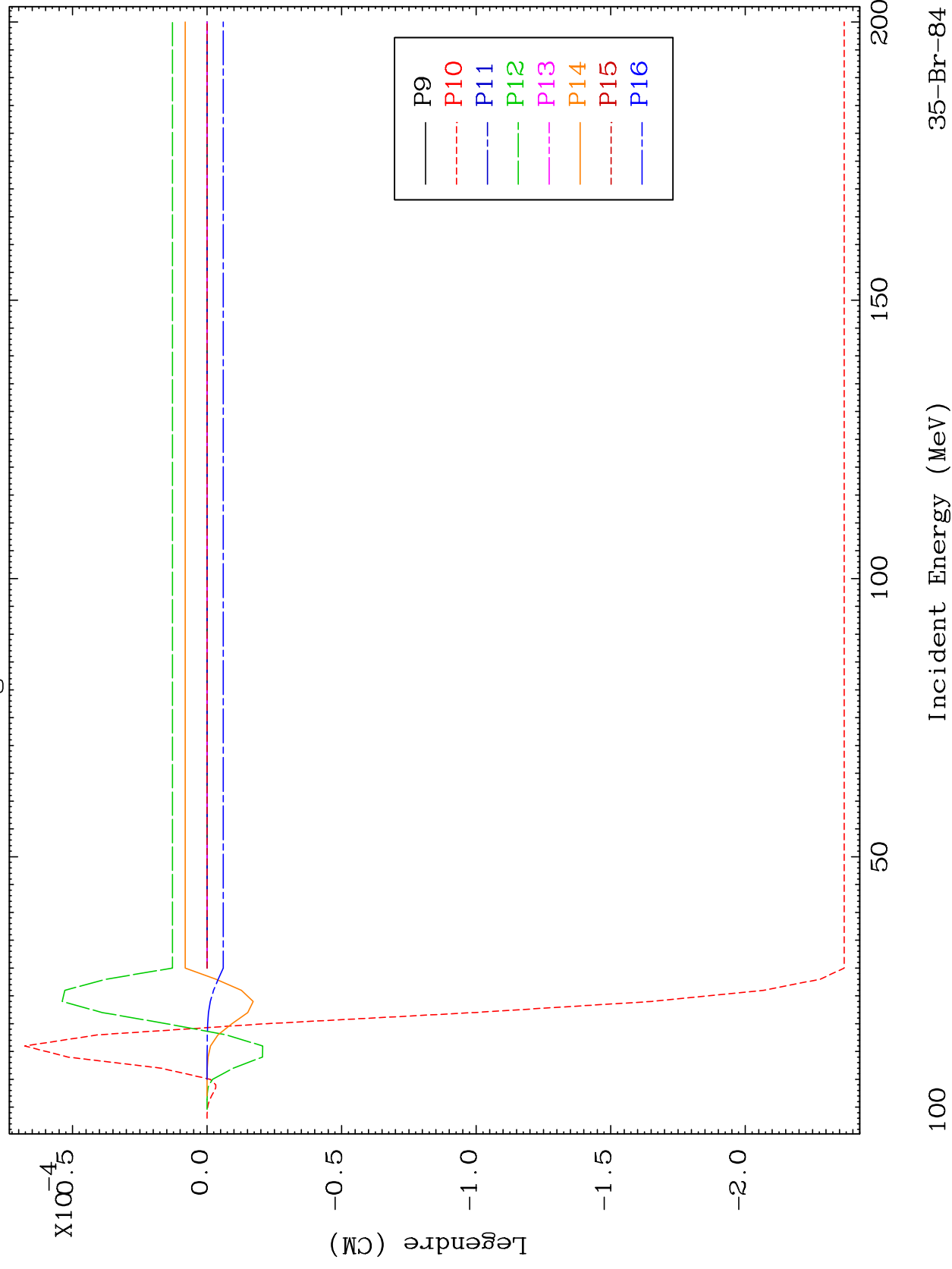
Incident Energy (MeV)

35-Br-84

MAT 3540

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

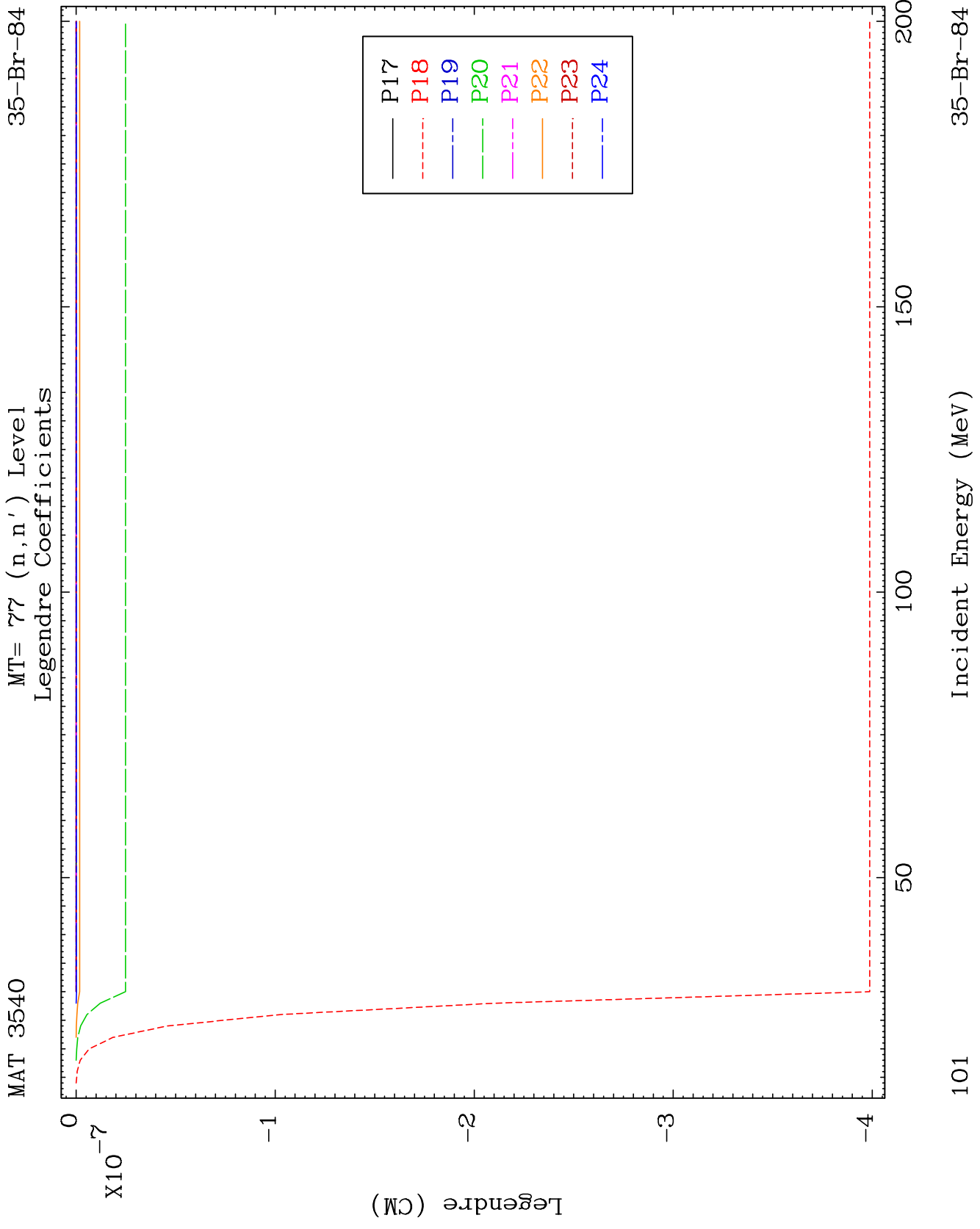
35-Br-84



100

Incident Energy (MeV)

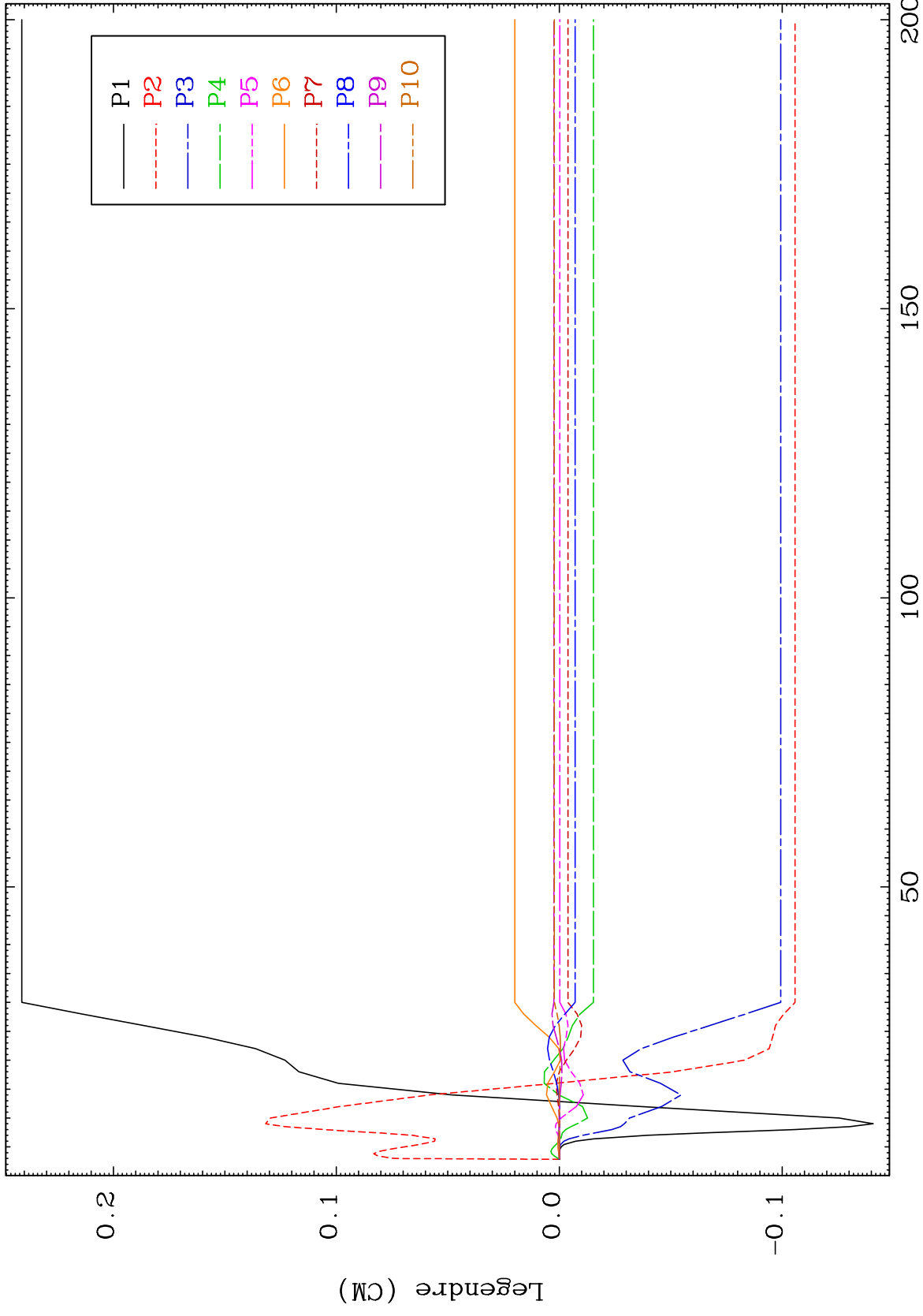
35-Br-84



MAT 3540

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

35-Br-84



102

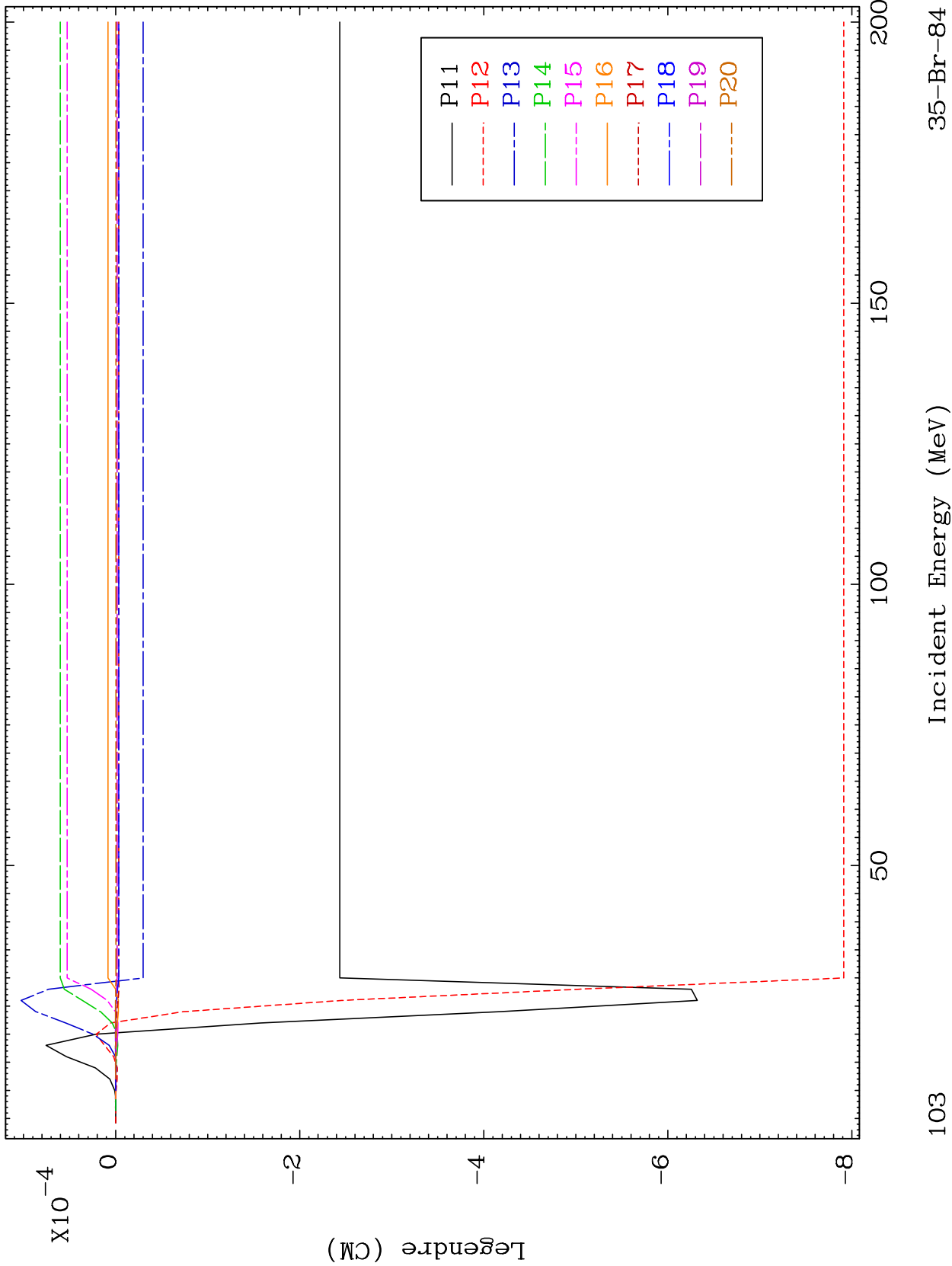
Incident Energy (MeV)

35-Br-84

MAT 3540

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

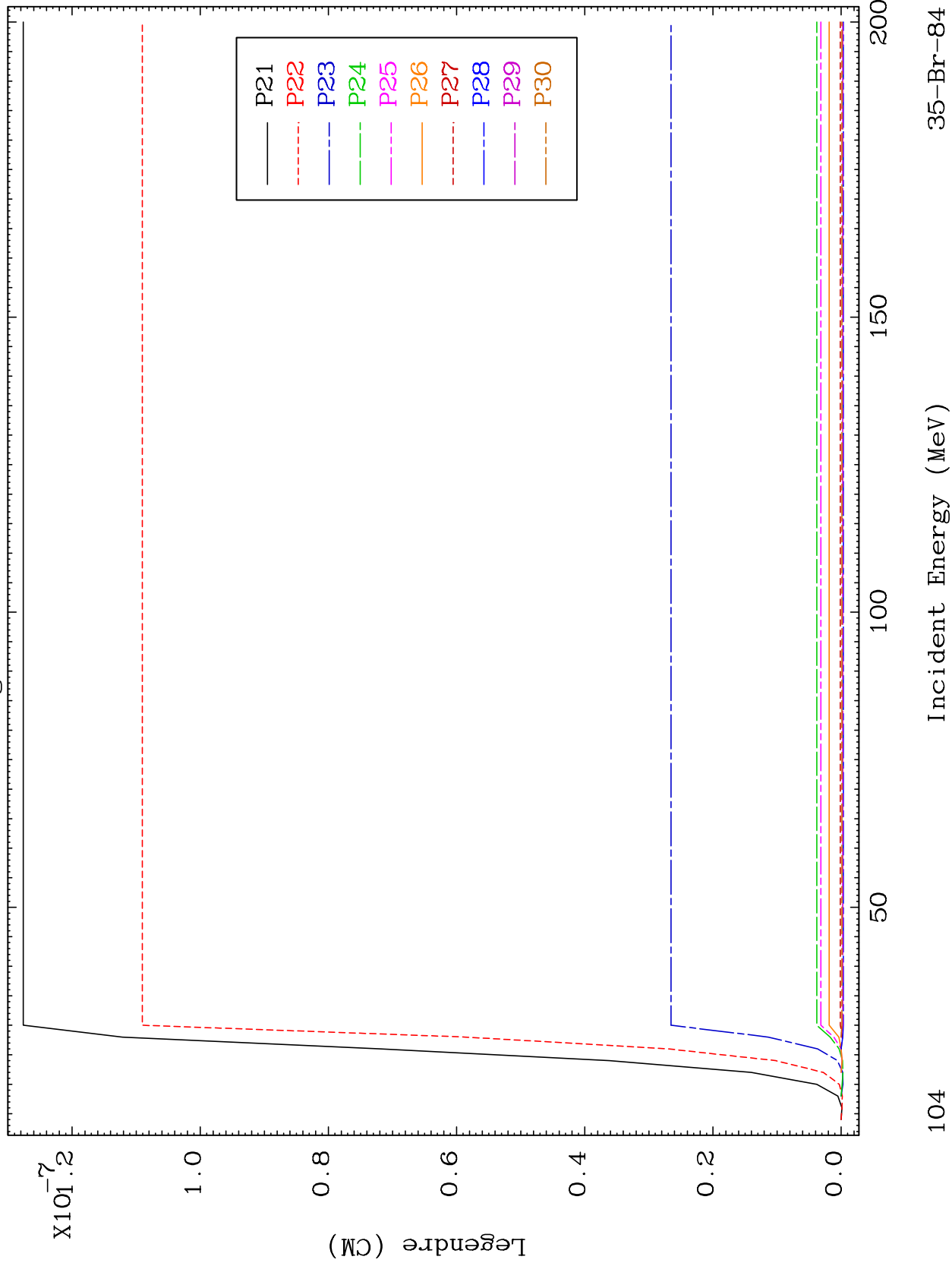
35-Br-84



MAT 3540

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

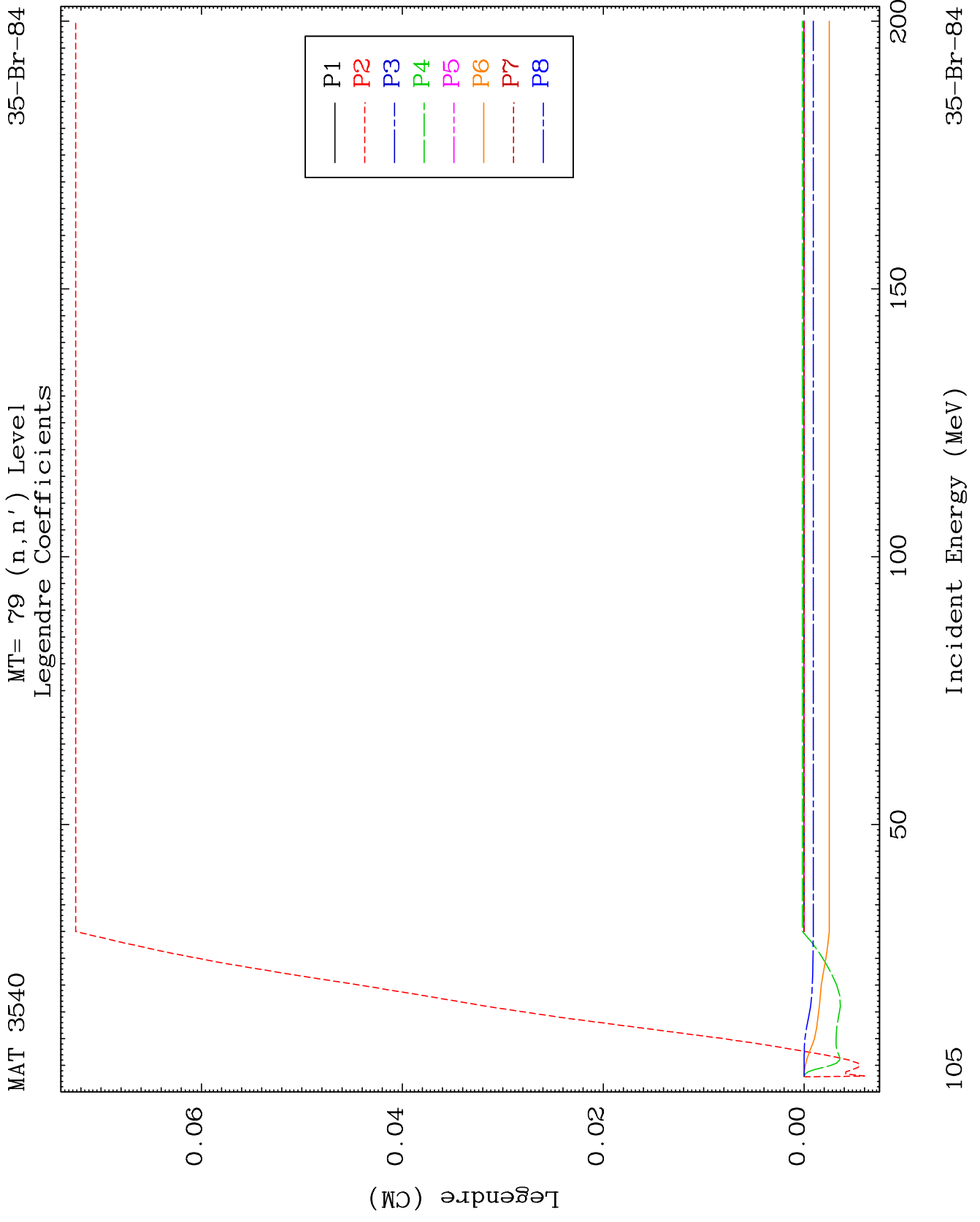
35-Br-84

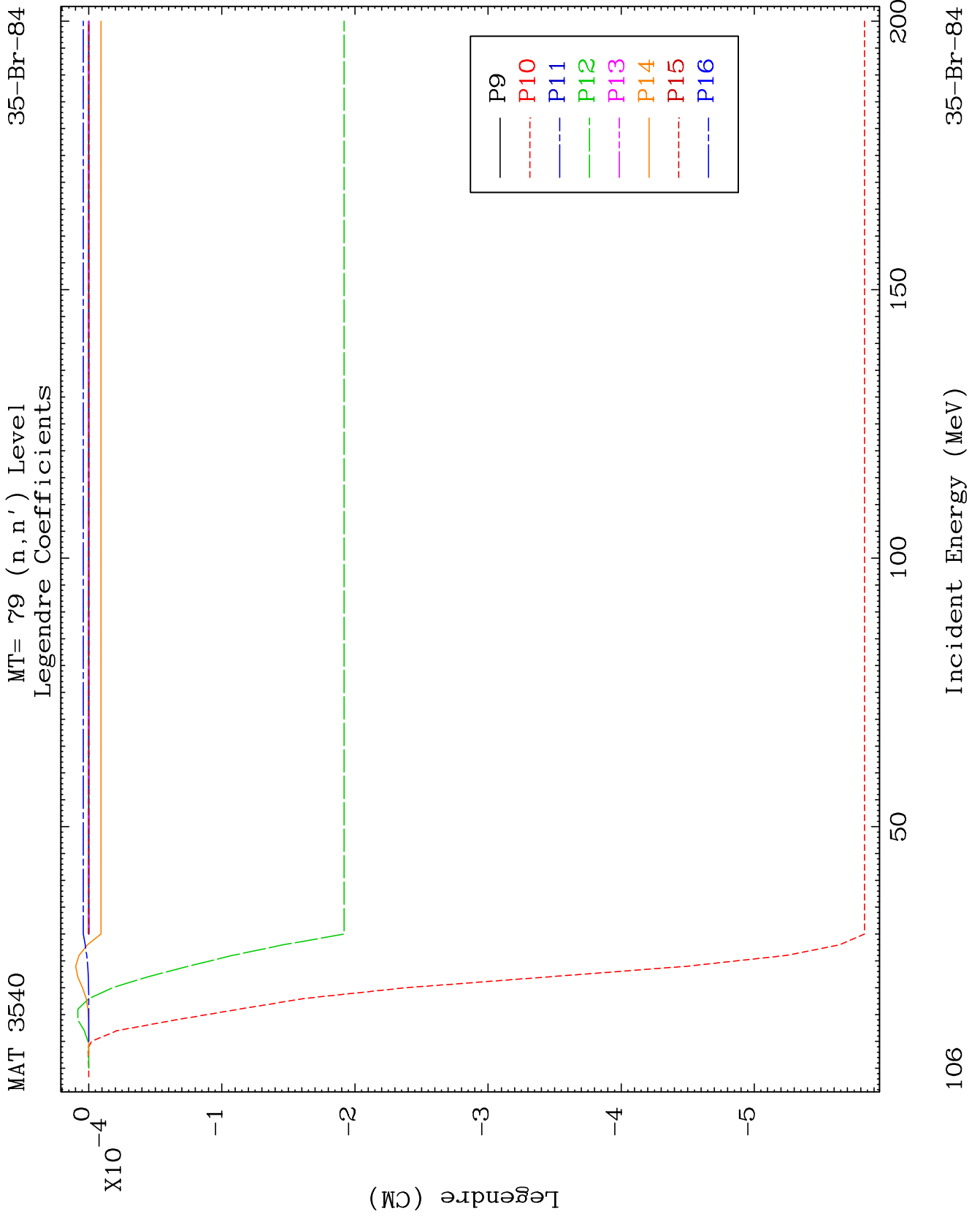


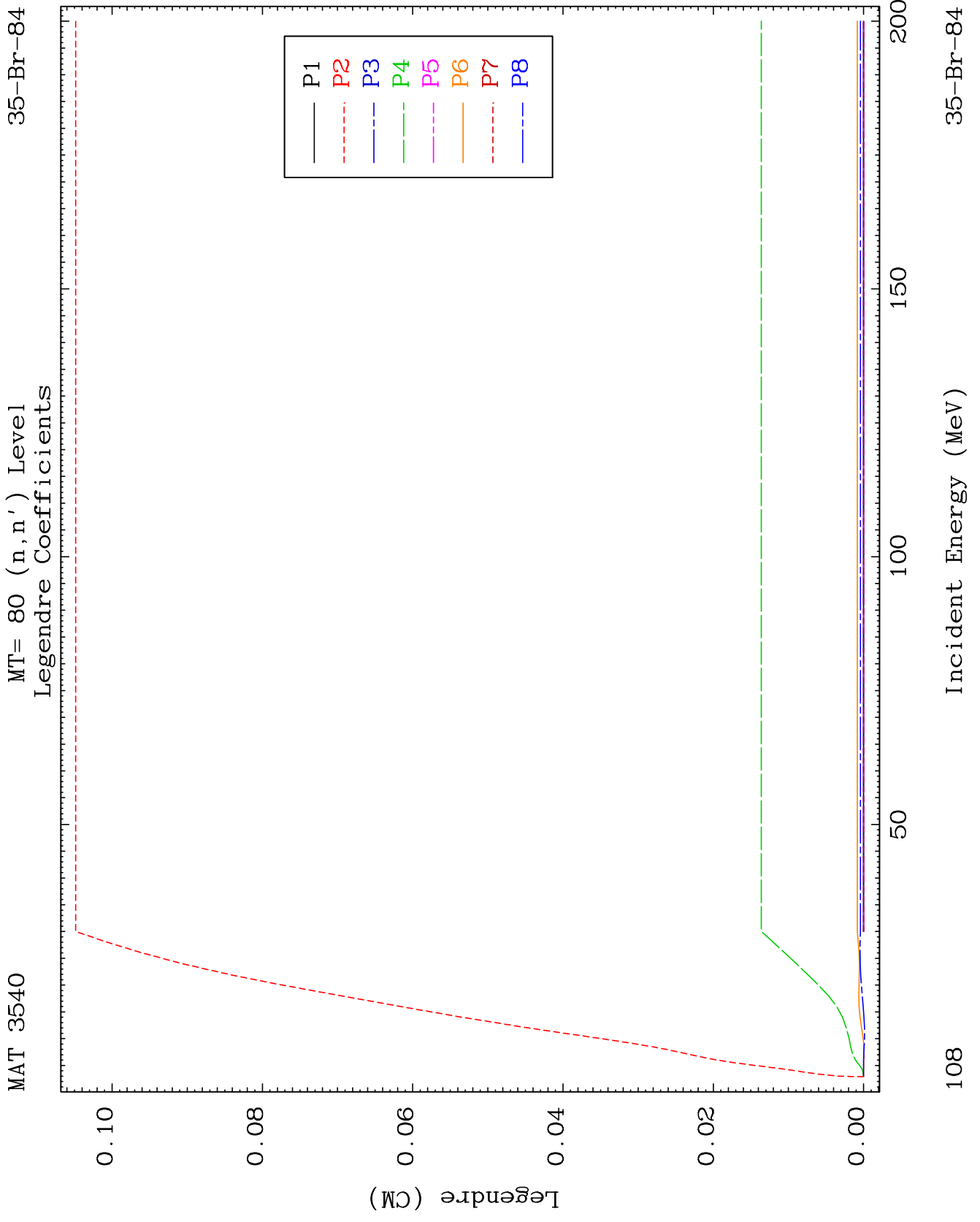
104

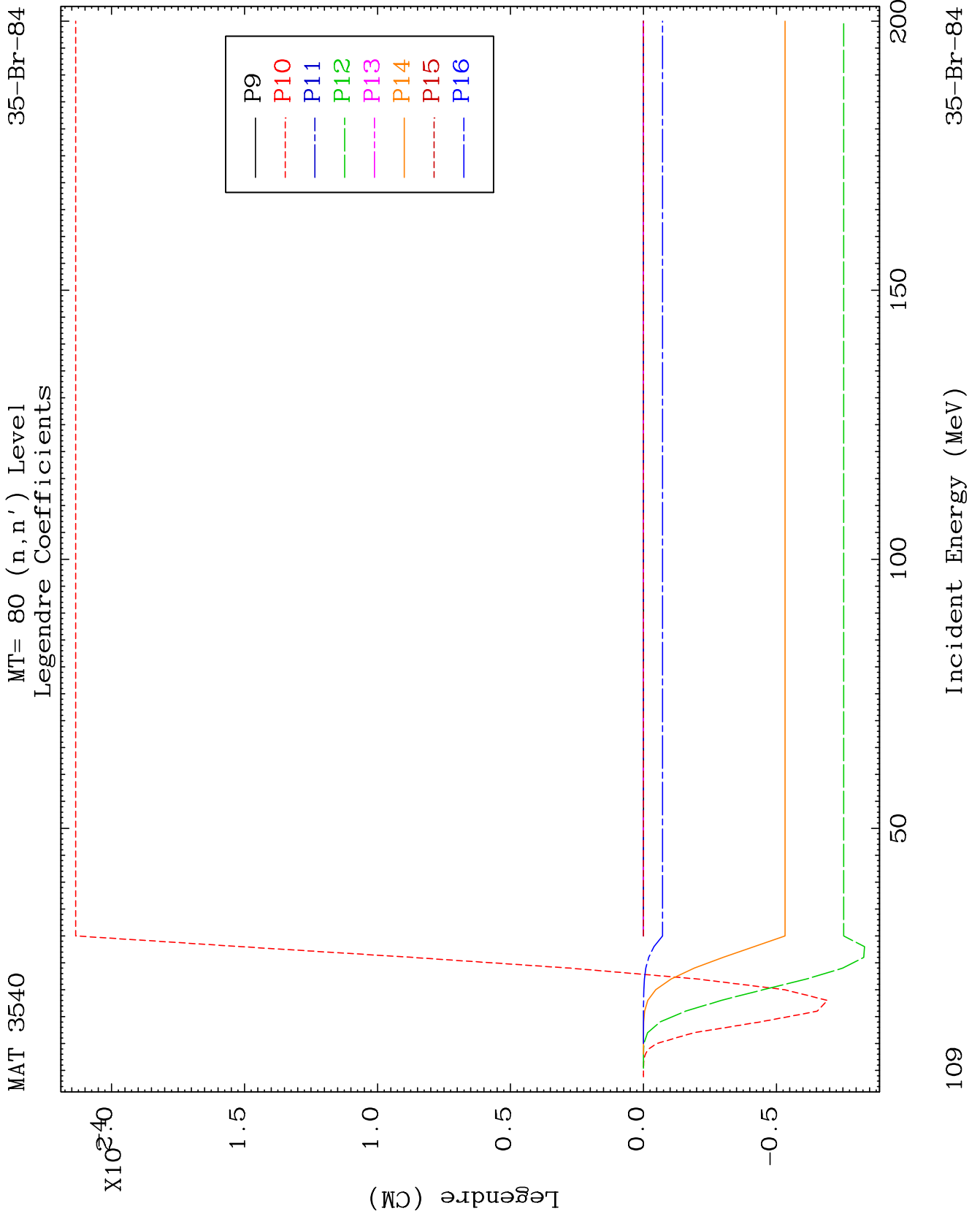
Incident Energy (MeV)

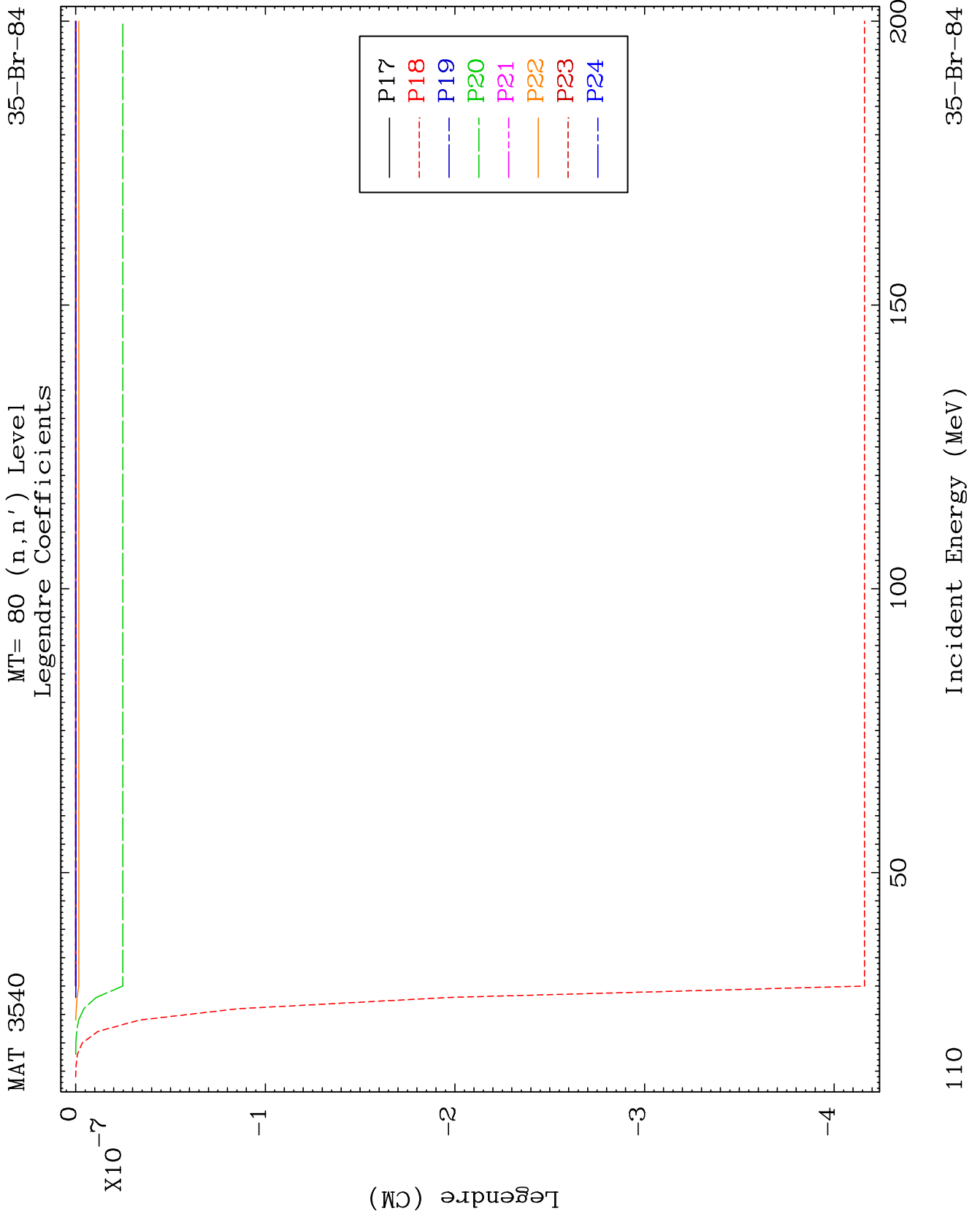
35-Br-84







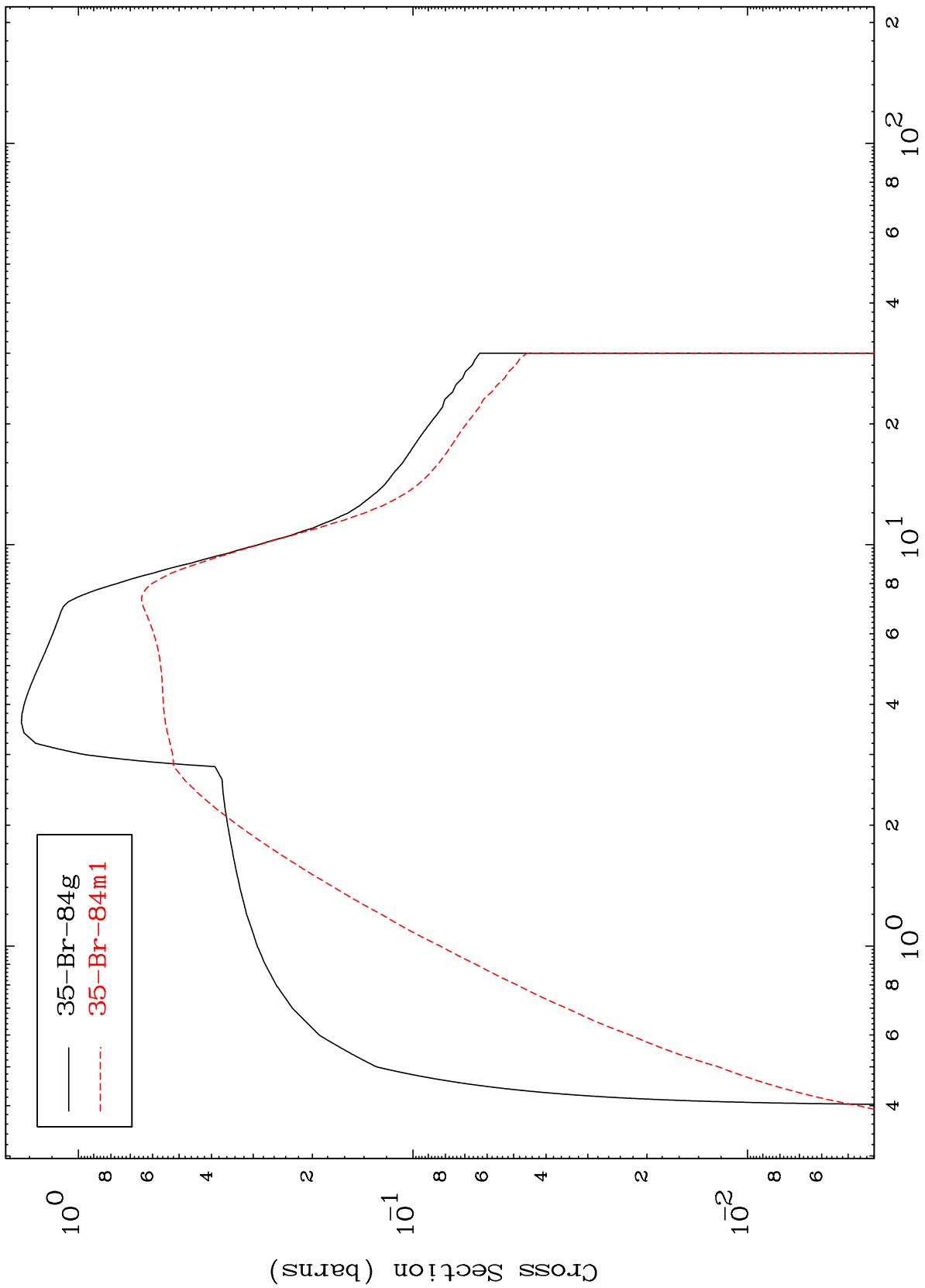




MAT 3540

35-Br-84

Inelastic
Radionuclide Production Cross Section



— 35-Br-84g
- - - 35-Br-84m1

35-Br-84

Incident Energy (MeV)

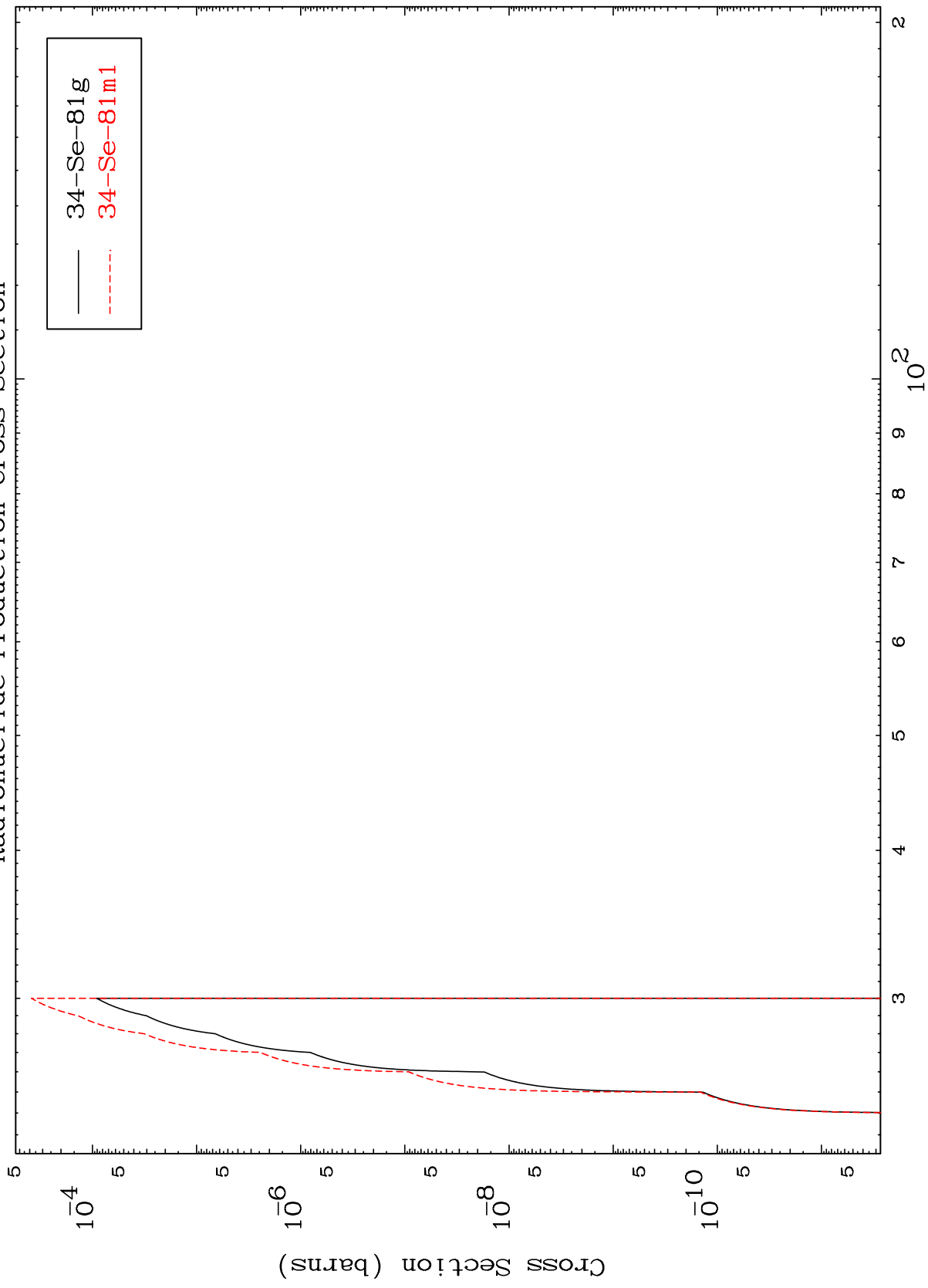
111

MAT 3540

(n,2n) d

35-Br-84

Radionuclide Production Cross Section



112

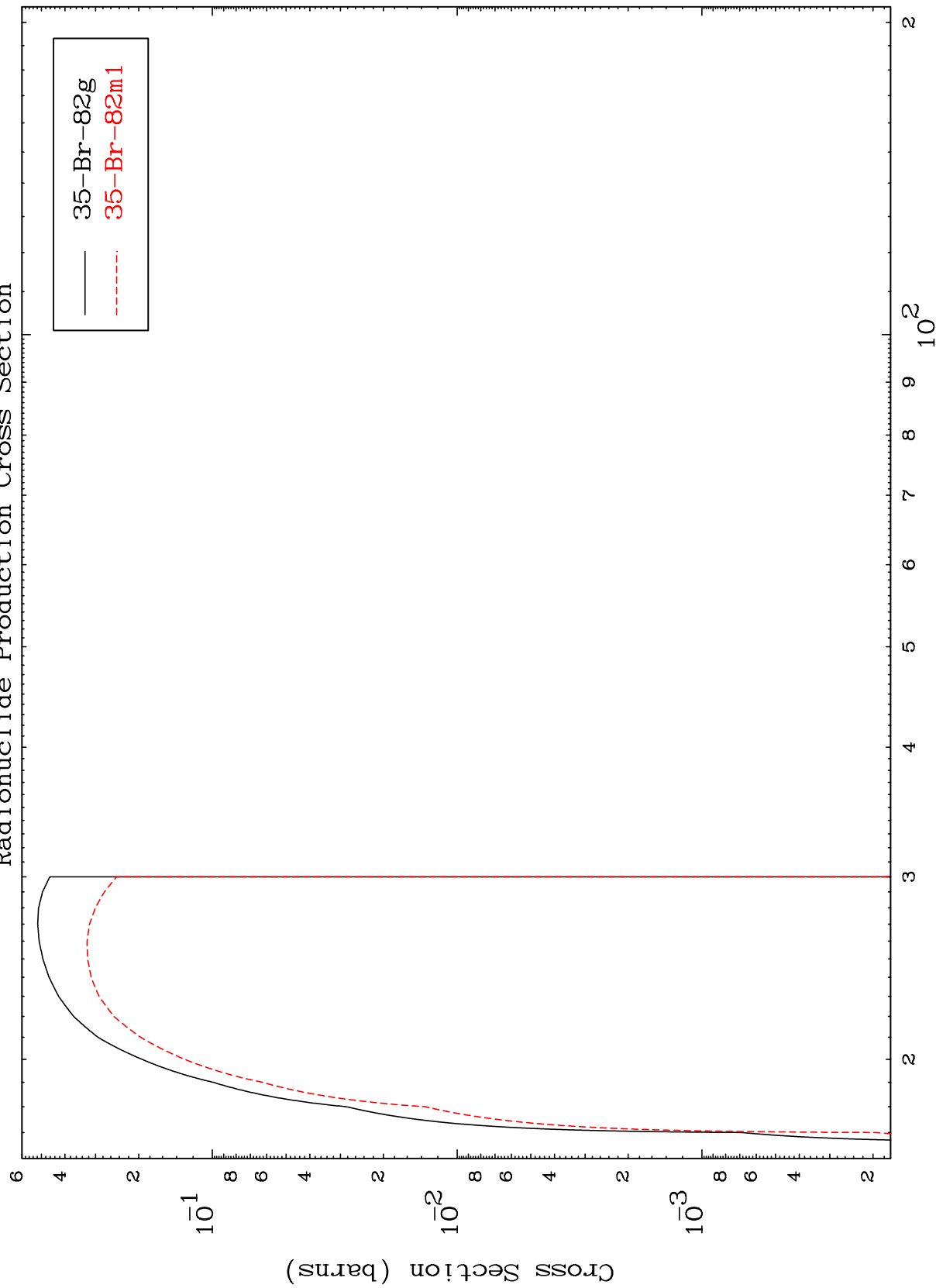
Incident Energy (MeV)

35-Br-84

MAT 3540

35-Br-84

(n,3n)
Radionuclide Production Cross Section



113

Incident Energy (MeV)

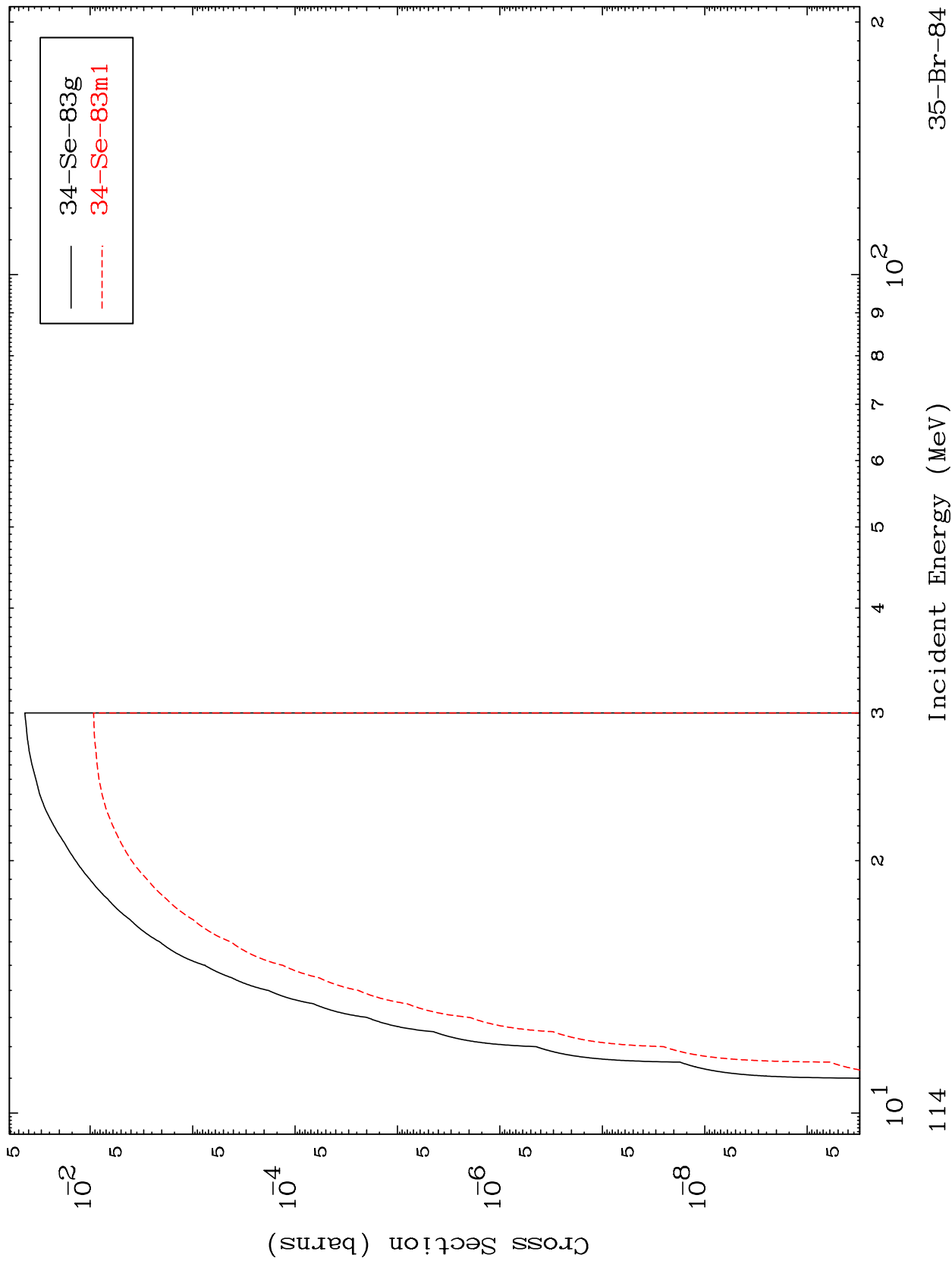
35-Br-84

MAT 3540

(n,n') p

35-Br-84

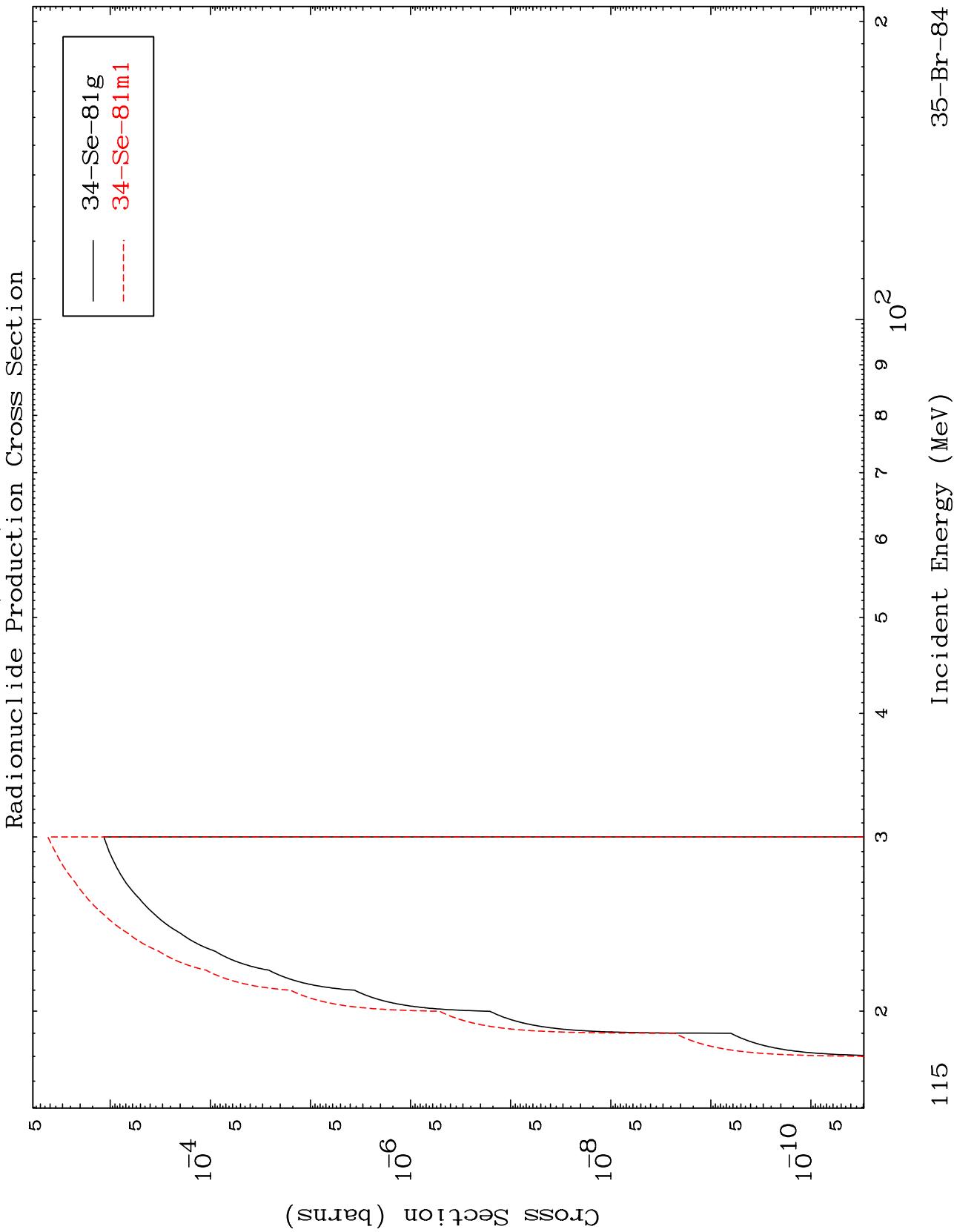
Radionuclide Production Cross Section



MAT 3540

(n,n') t

35-Br-84



115

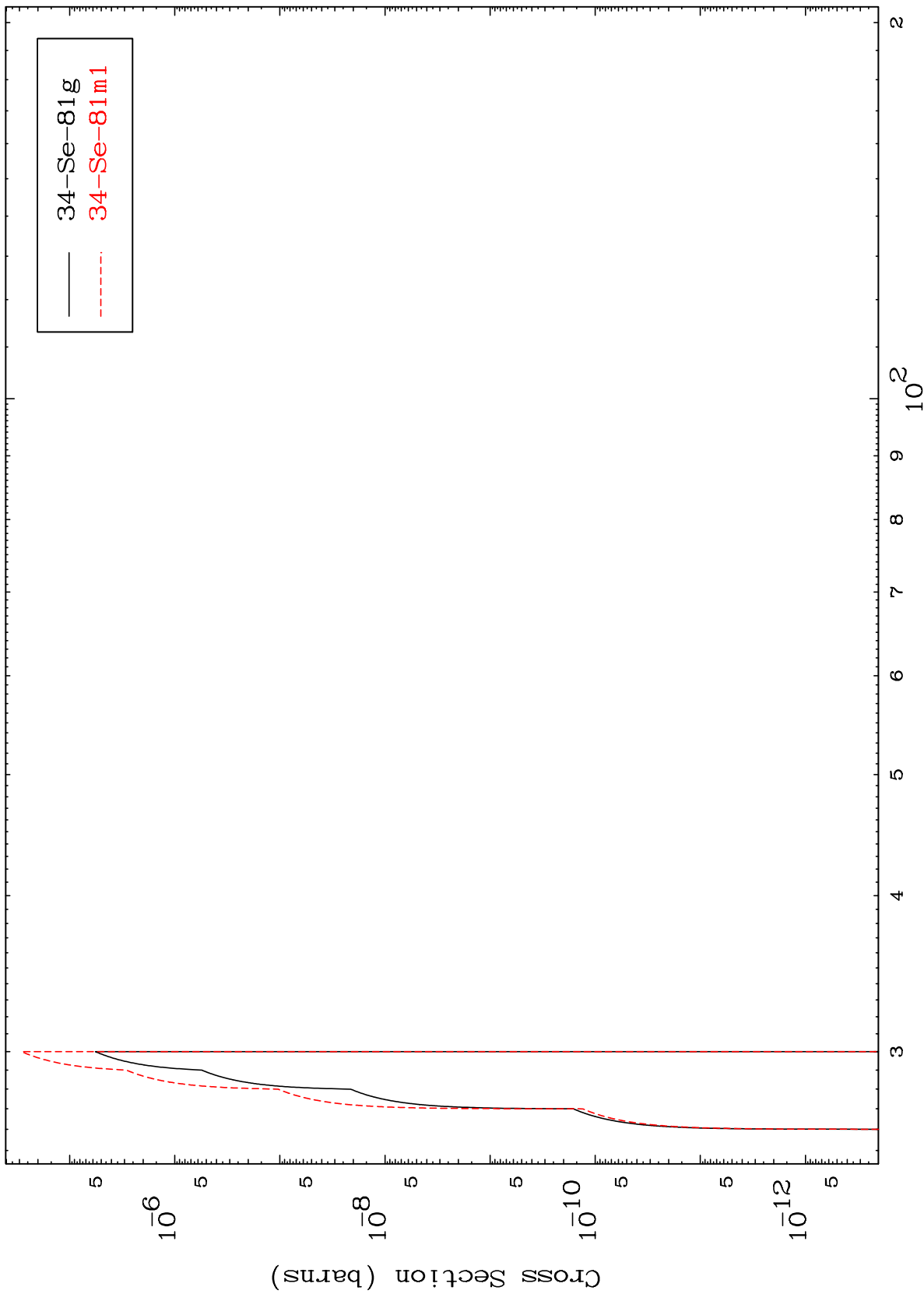
Incident Energy (MeV)

35-Br-84

MAT 3540

35-Br-84

(n,3n) p
Radionuclide Production Cross Section



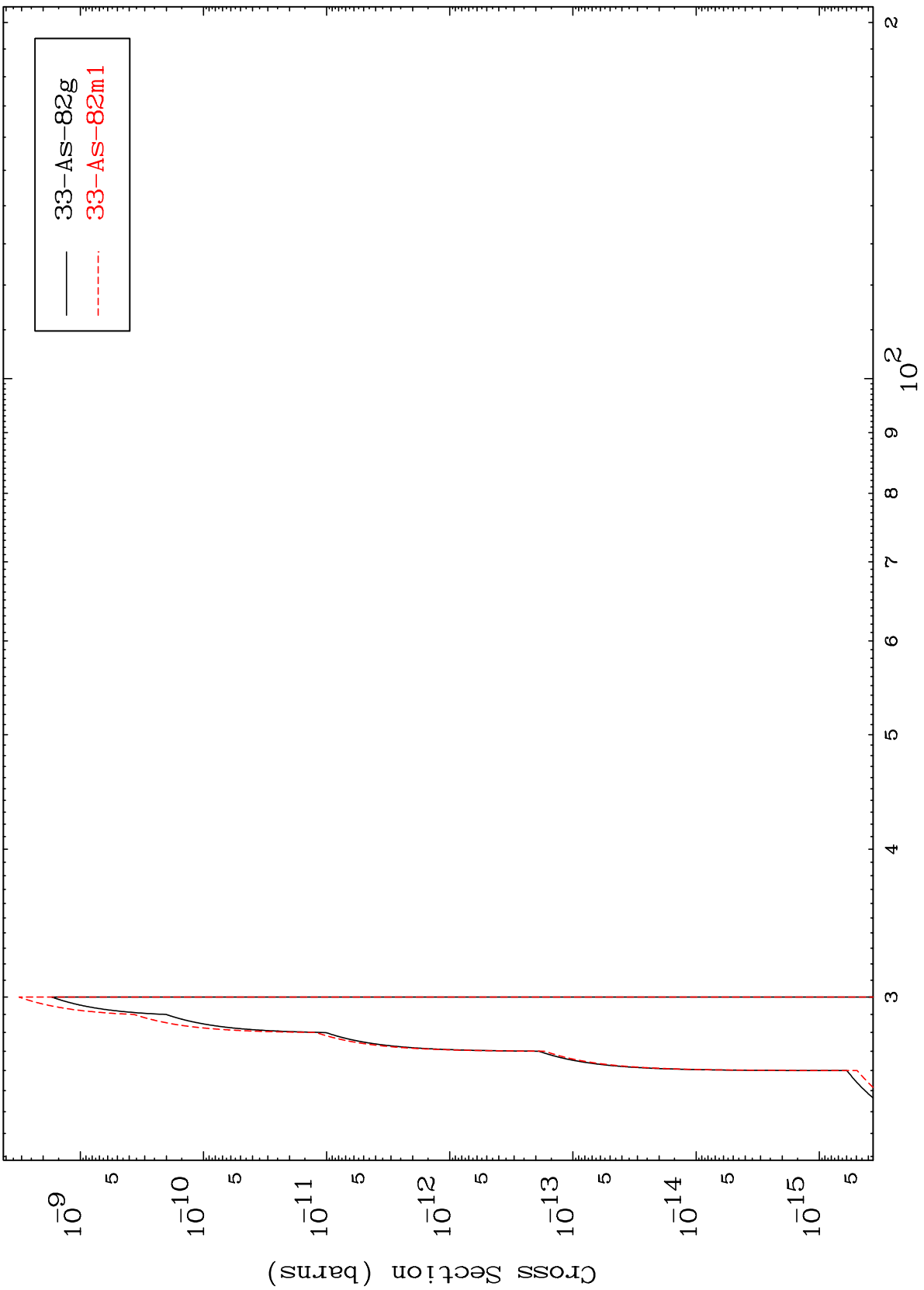
34-Se-81g
34-Se-81m1

116

Incident Energy (MeV)

35-Br-84

Radionuclide Production Cross Section



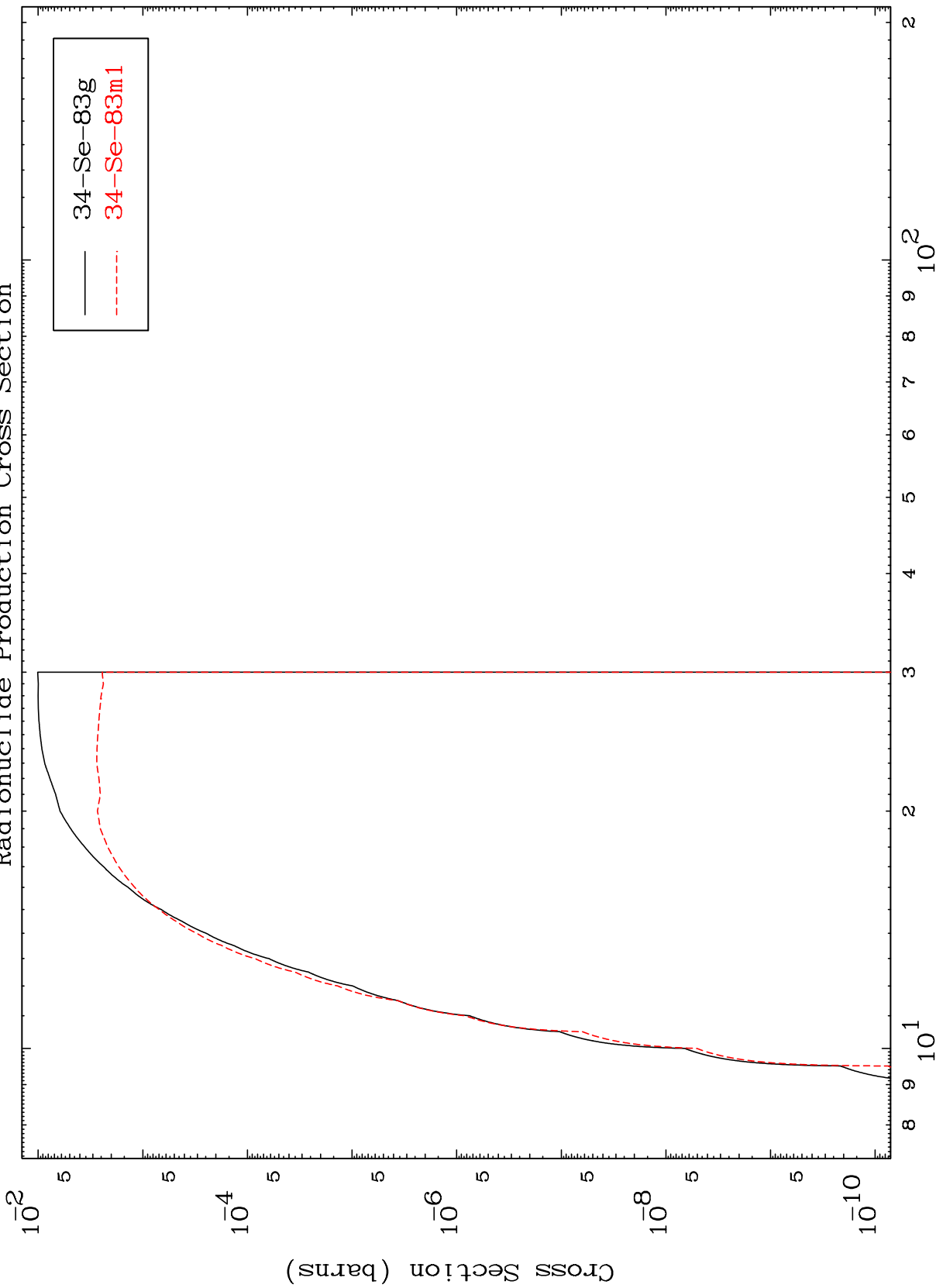
33-As-82g
33-As-82m1

MAT 3540

(n,d)

35-Br-84

Radionuclide Production Cross Section

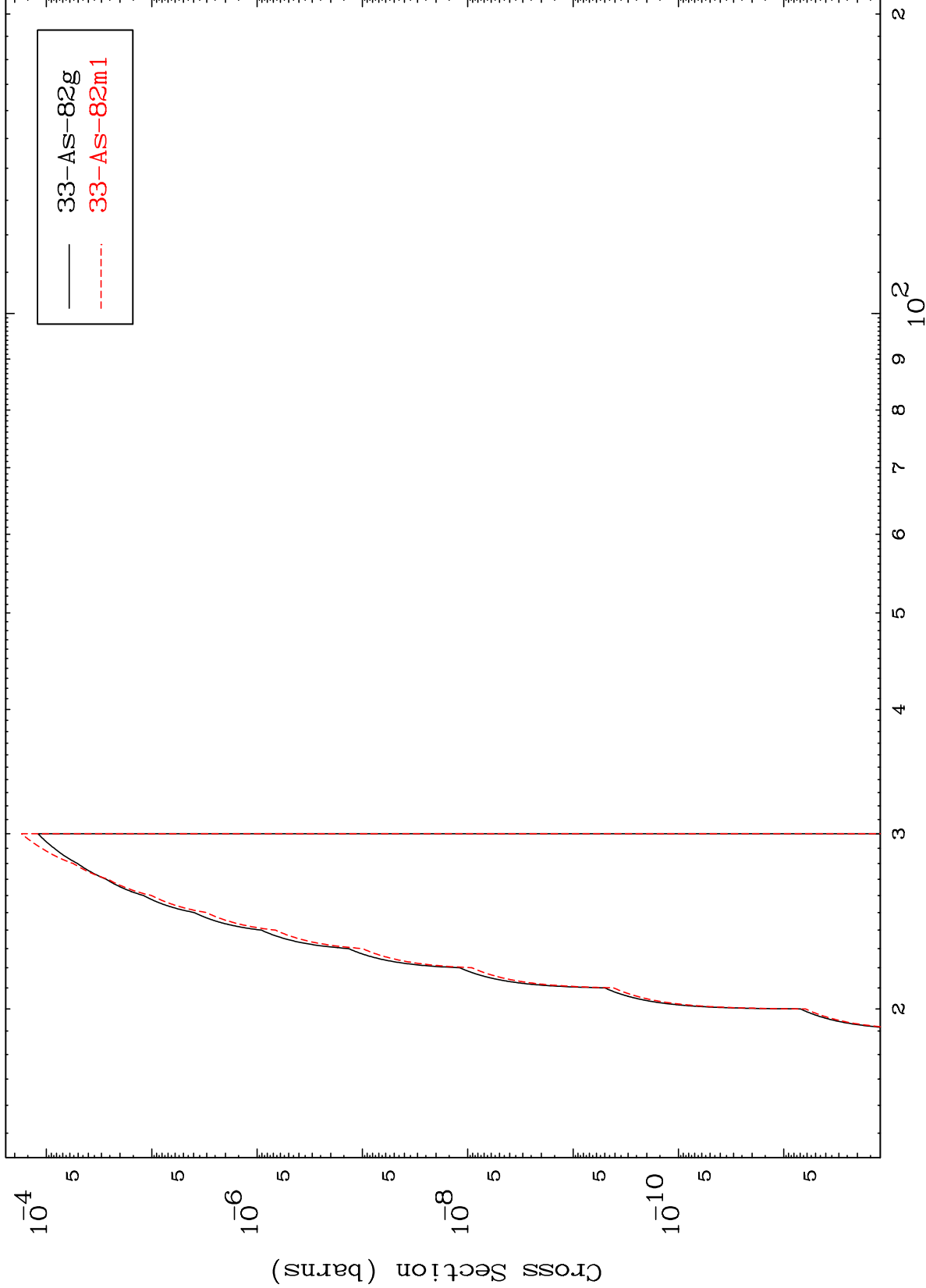


118

Incident Energy (MeV)

35-Br-84

Radionuclide Production Cross Section

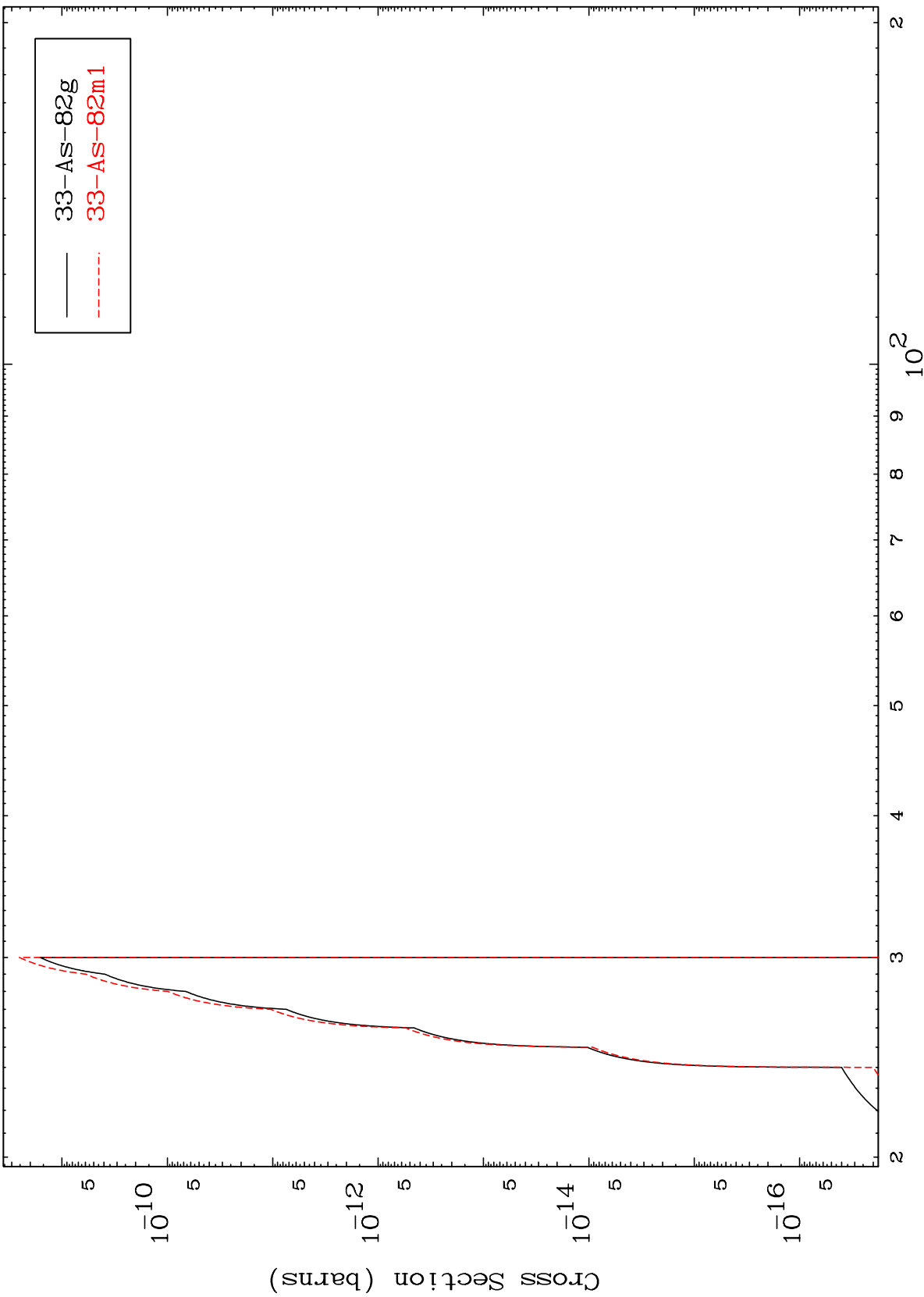


MAT 3540

(n,p) d

35-Br-84

Radionuclide Production Cross Section



120

Incident Energy (MeV)

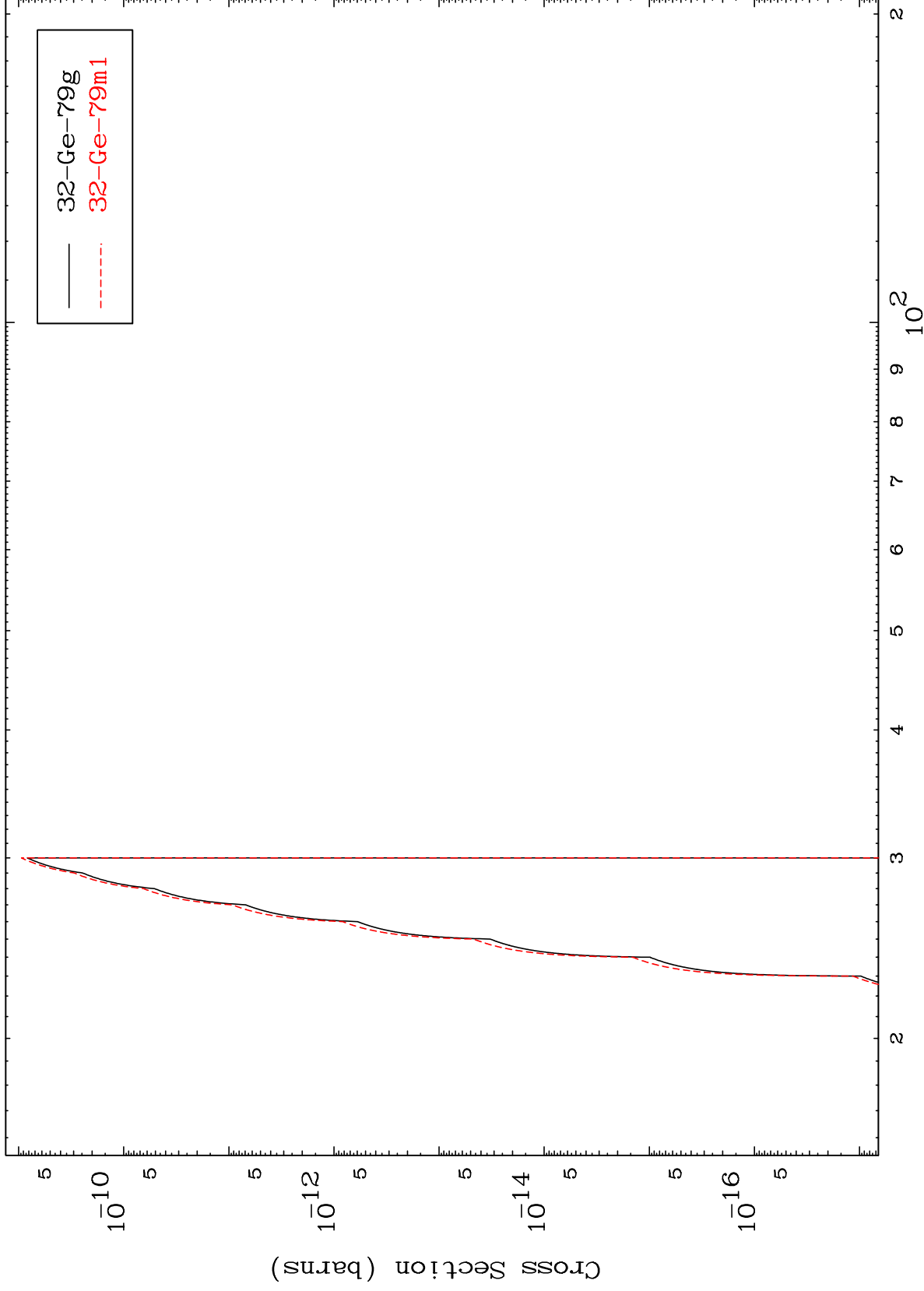
35-Br-84

MAT 3540

(n,d) α

35-Br-84

Radionuclide Production Cross Section



121

Incident Energy (MeV)

35-Br-84