

Program EVALPLOT
(Version 2018-1)

by

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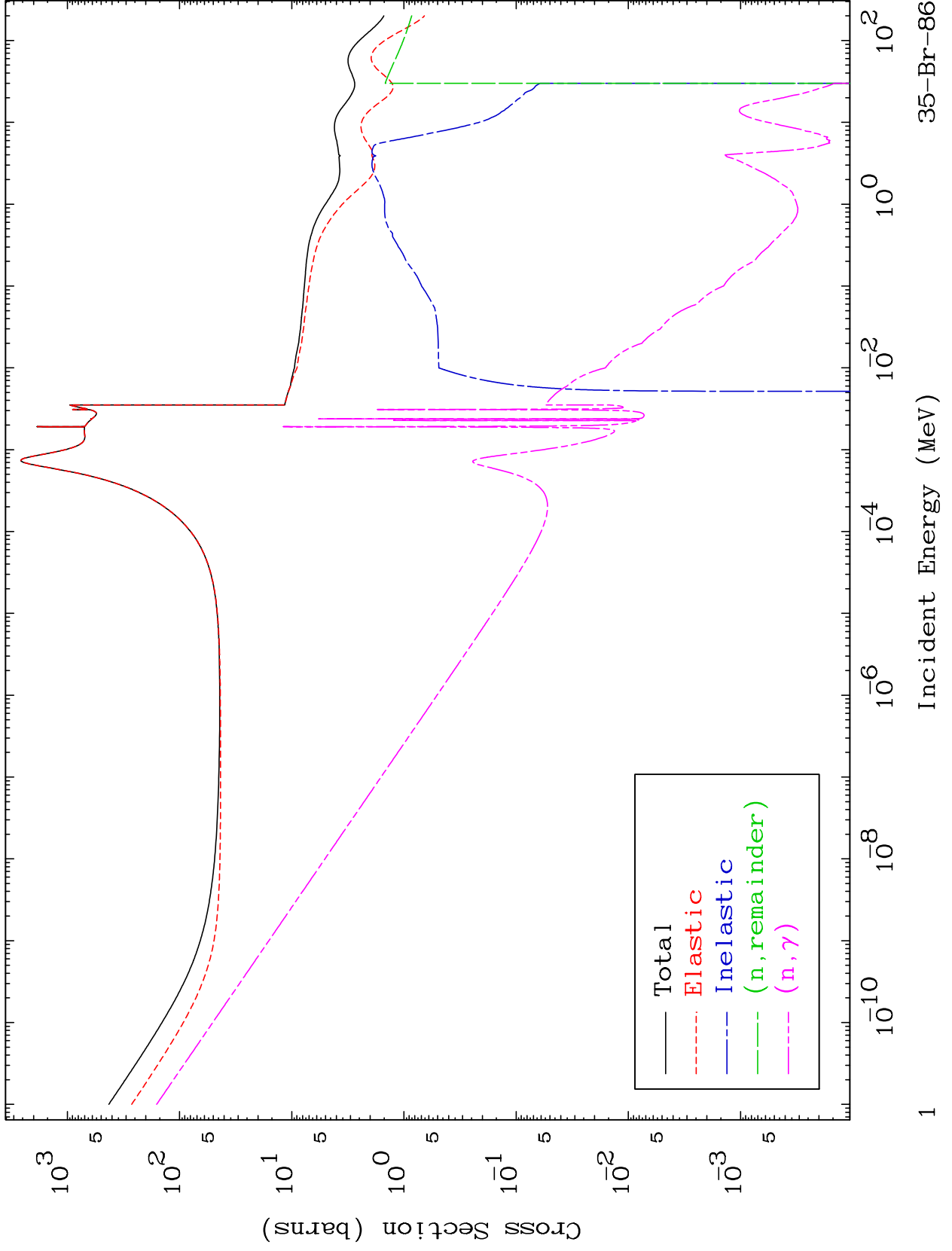
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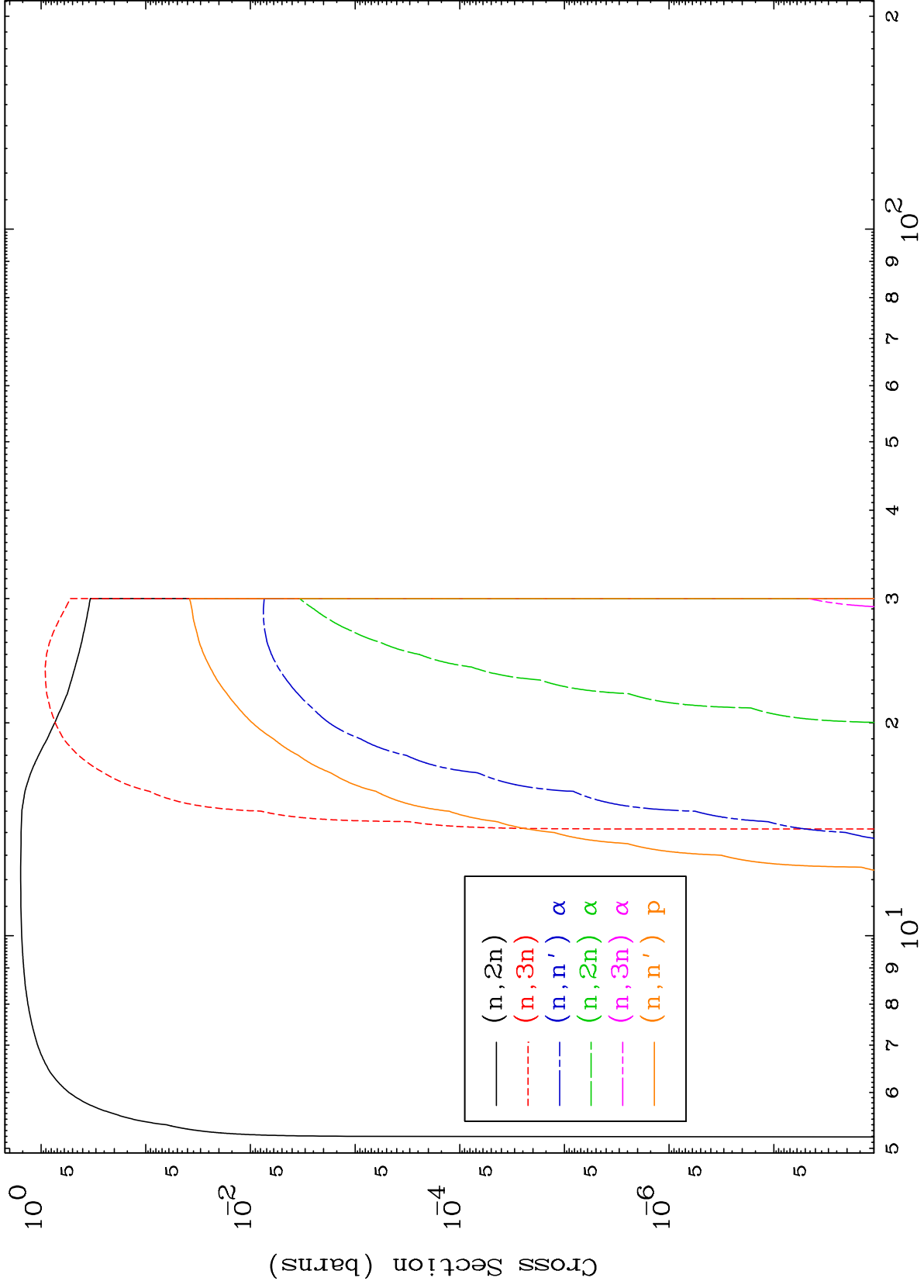
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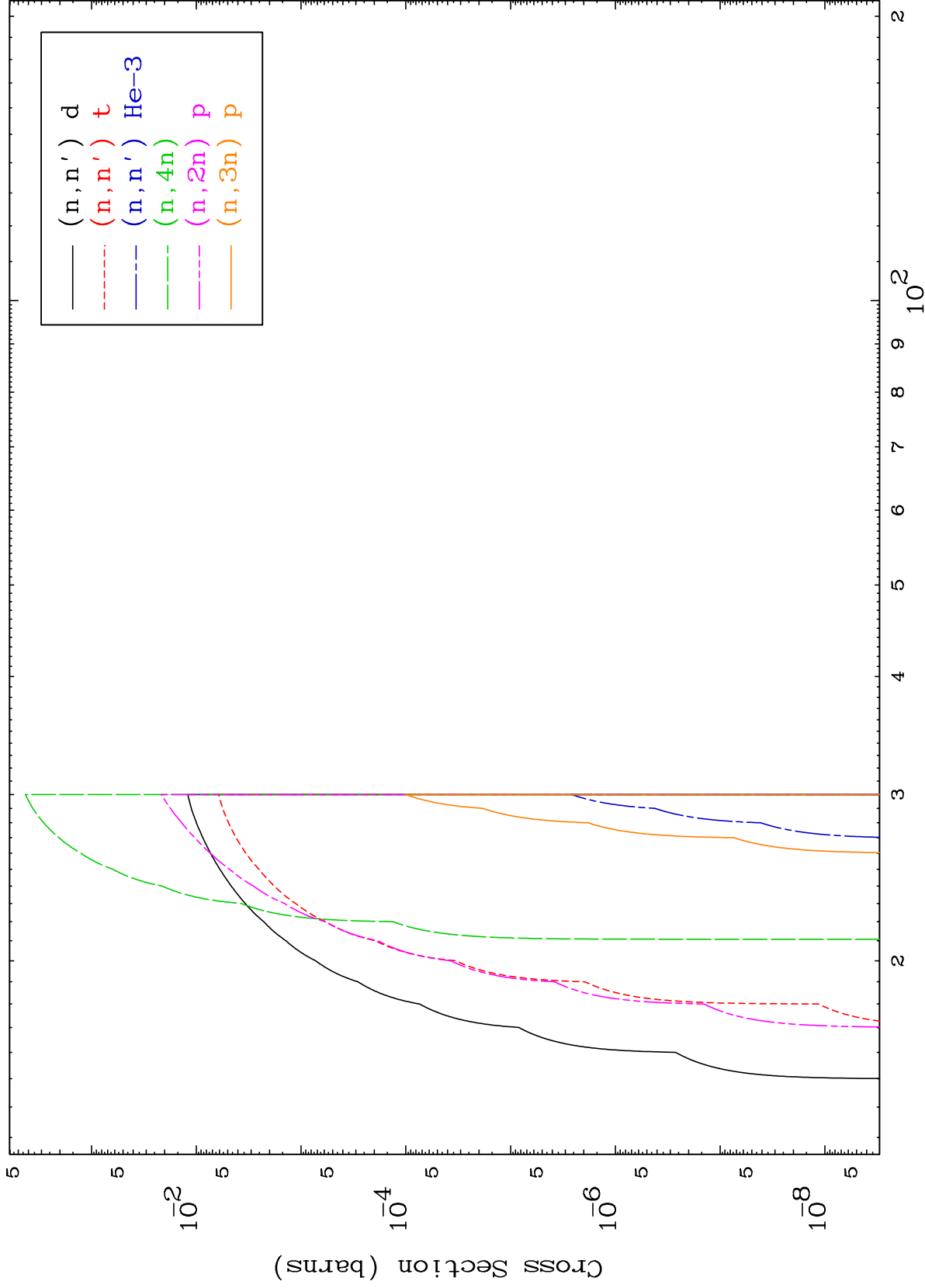
MAT 3546

Major
293 Kelvin Cross Sections

35-Br-86



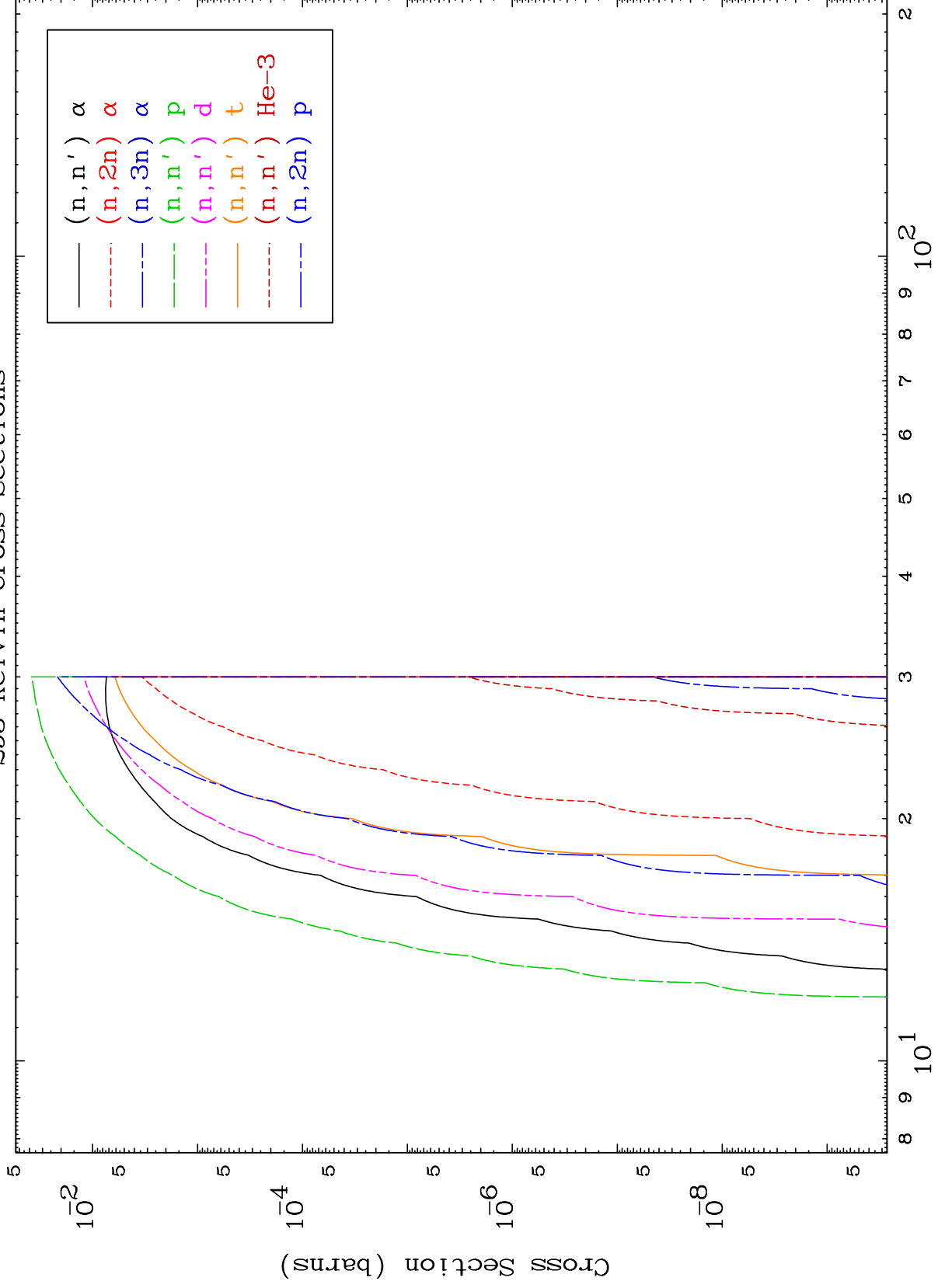




MAT 3546

Charged Particle
293 Kelvin Cross Sections

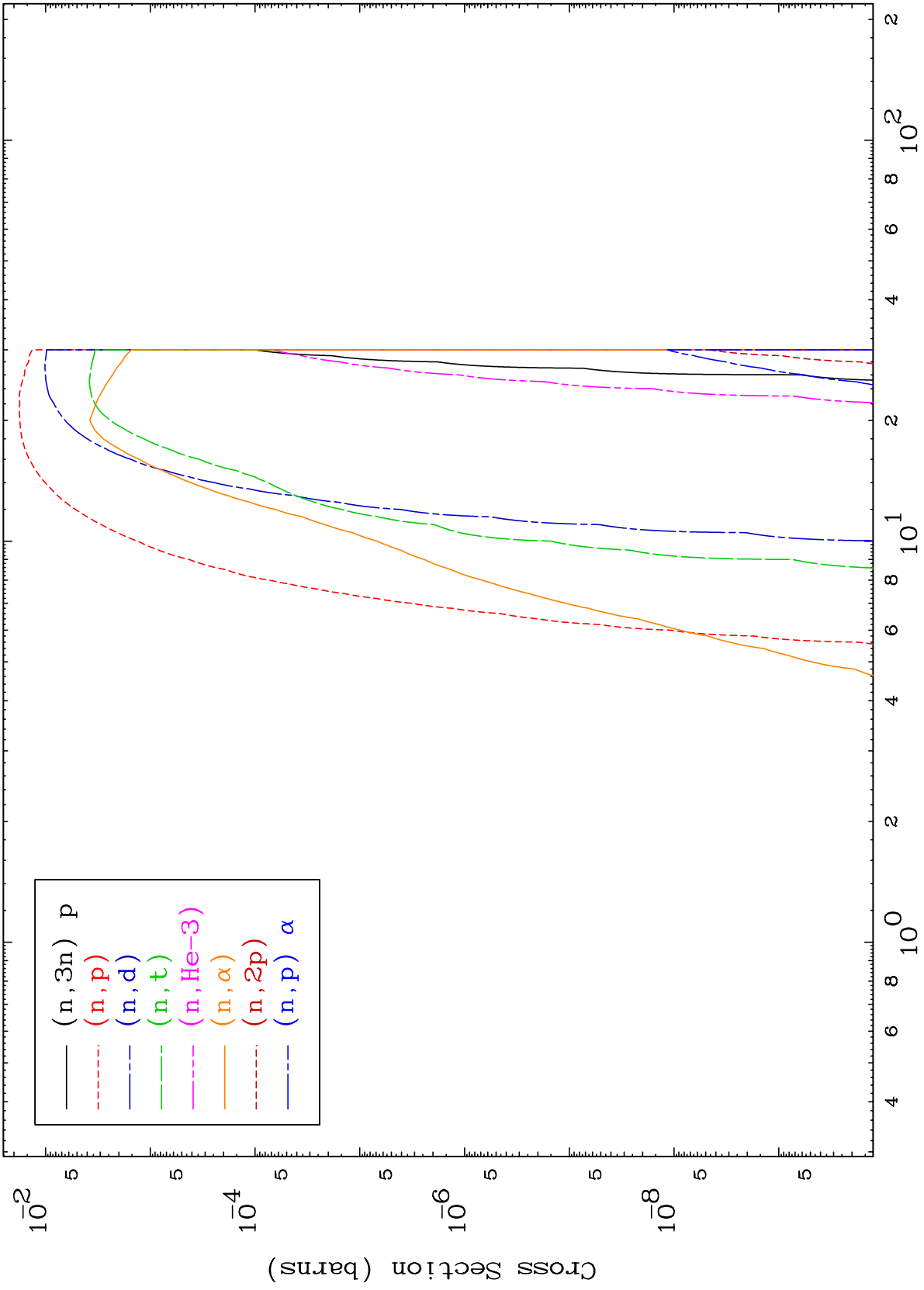
35-Br-86



4

Incident Energy (MeV)

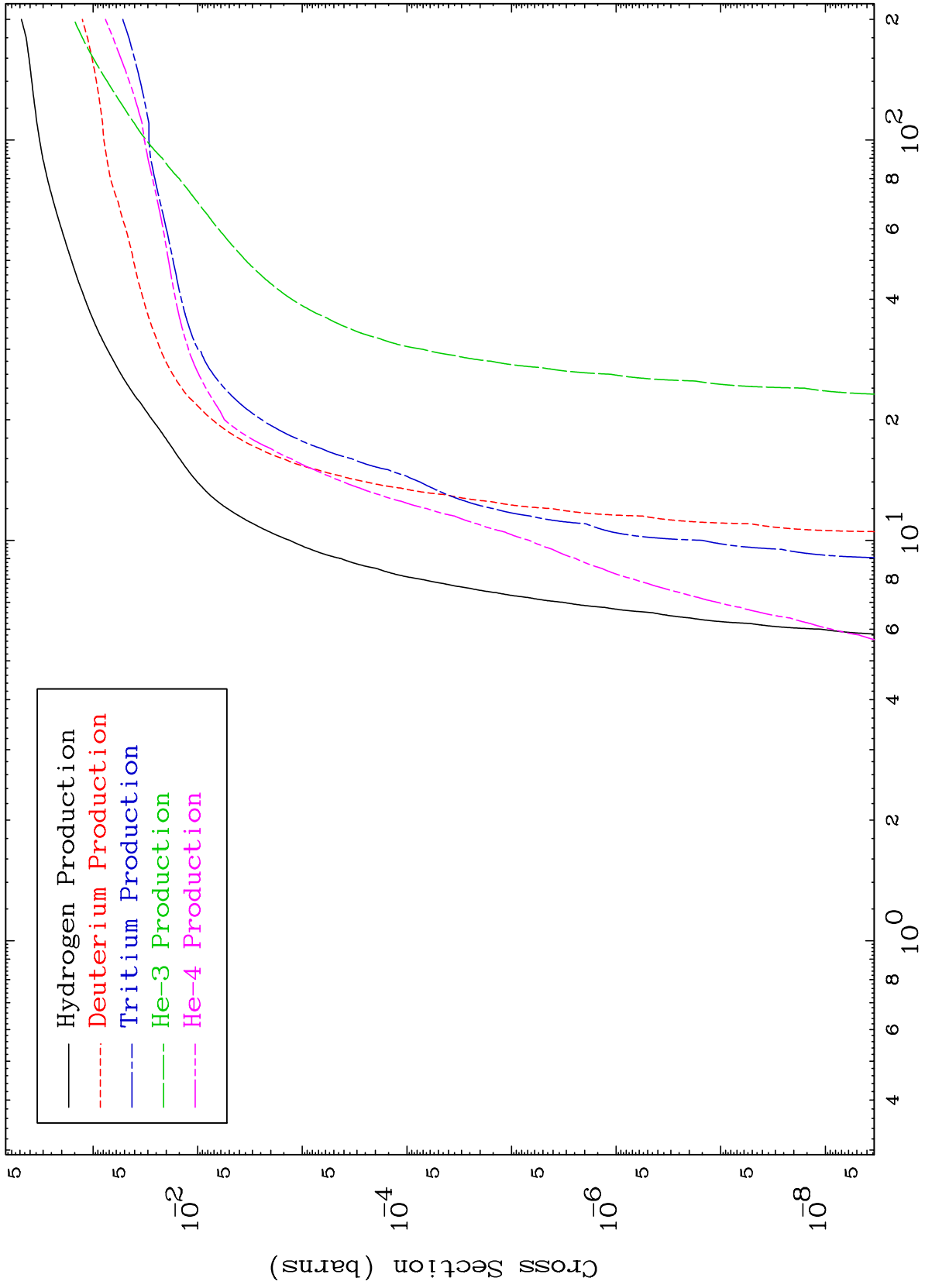
35-Br-86



MAT 3546

Particle Production
293 Kelvin Cross Sections

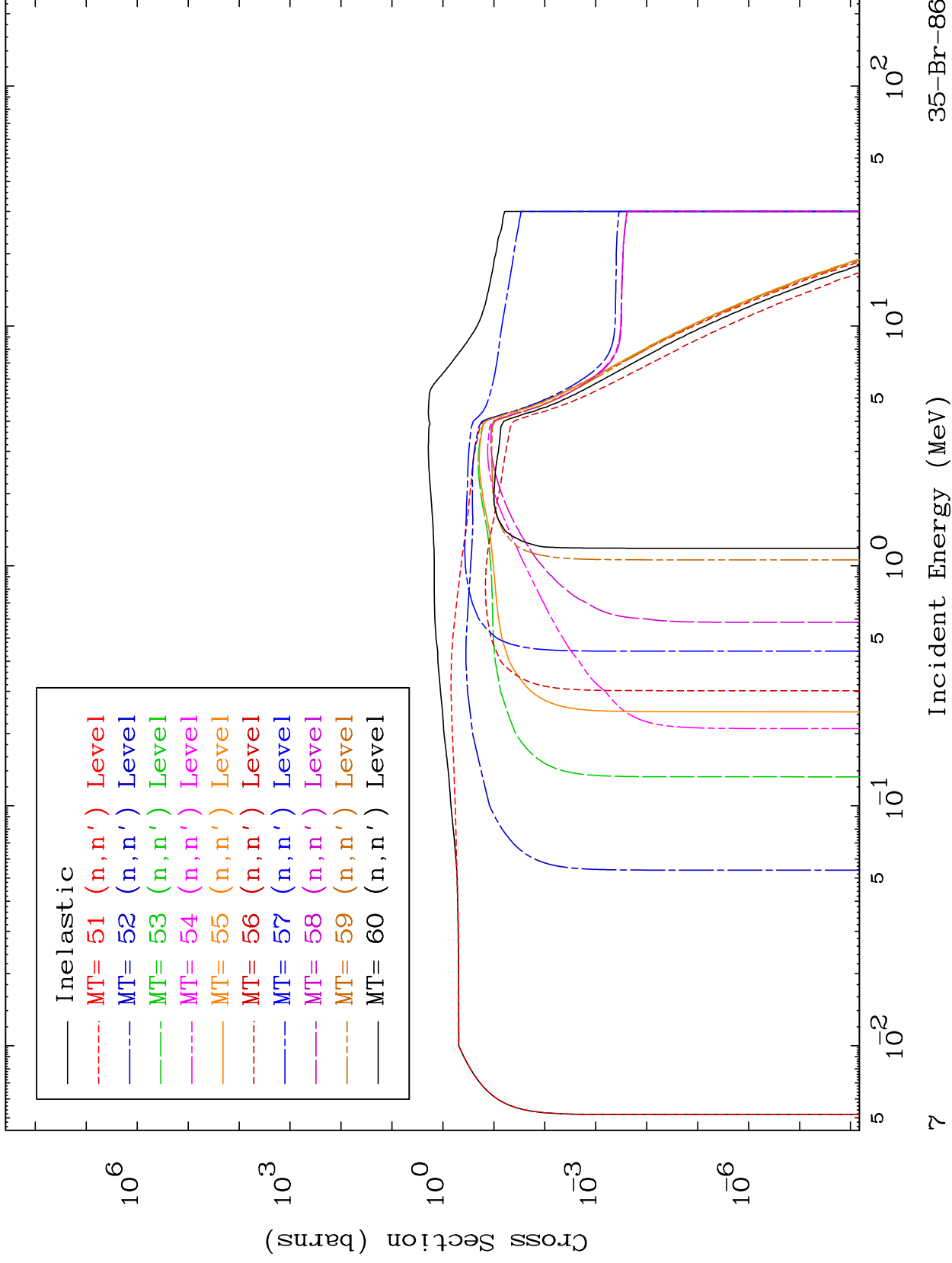
35-Br-86



6

Incident Energy (MeV)

35-Br-86

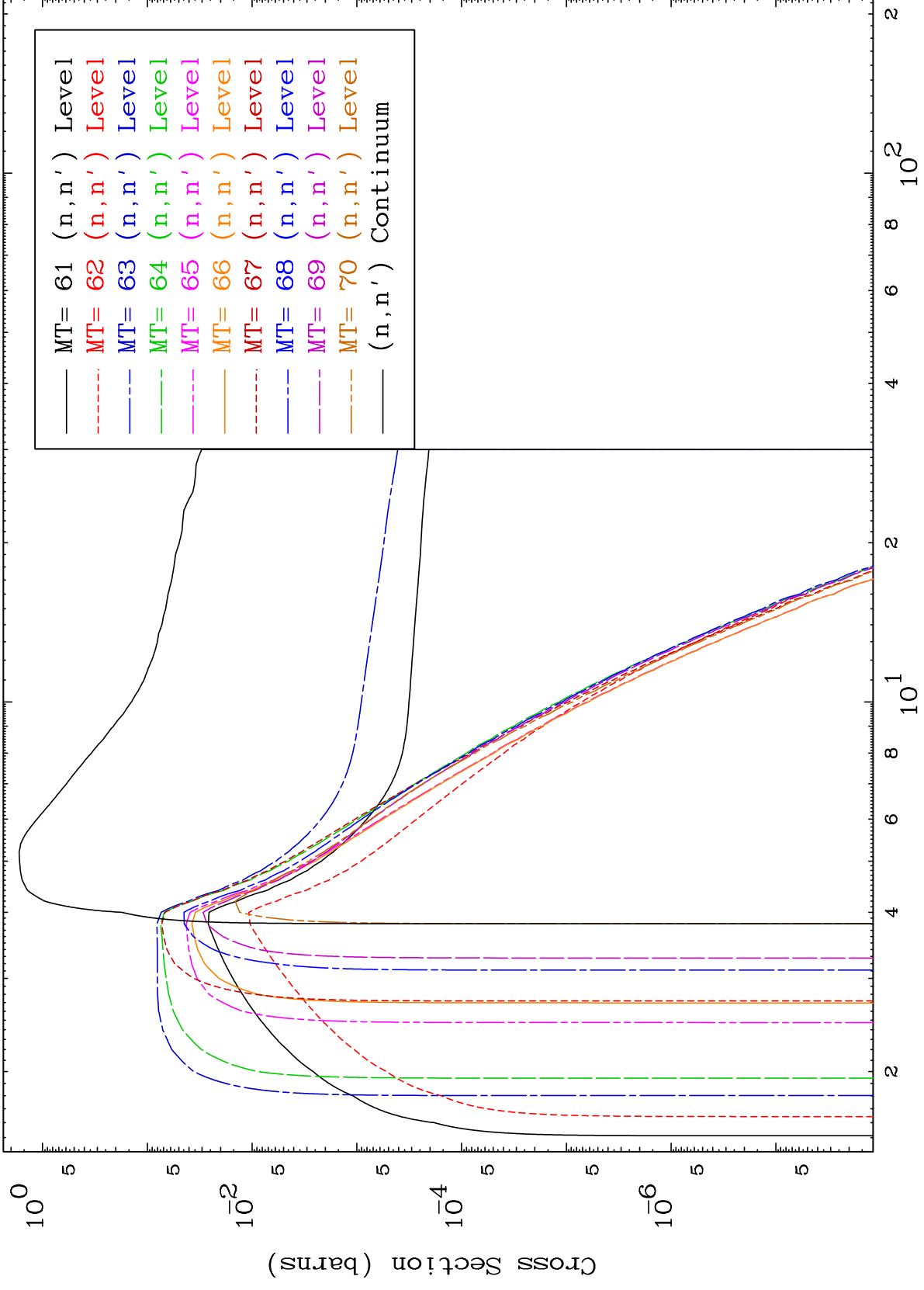


MAT 3546

(n,n') Level

35-Br-86

293 Kelvin Cross Sections

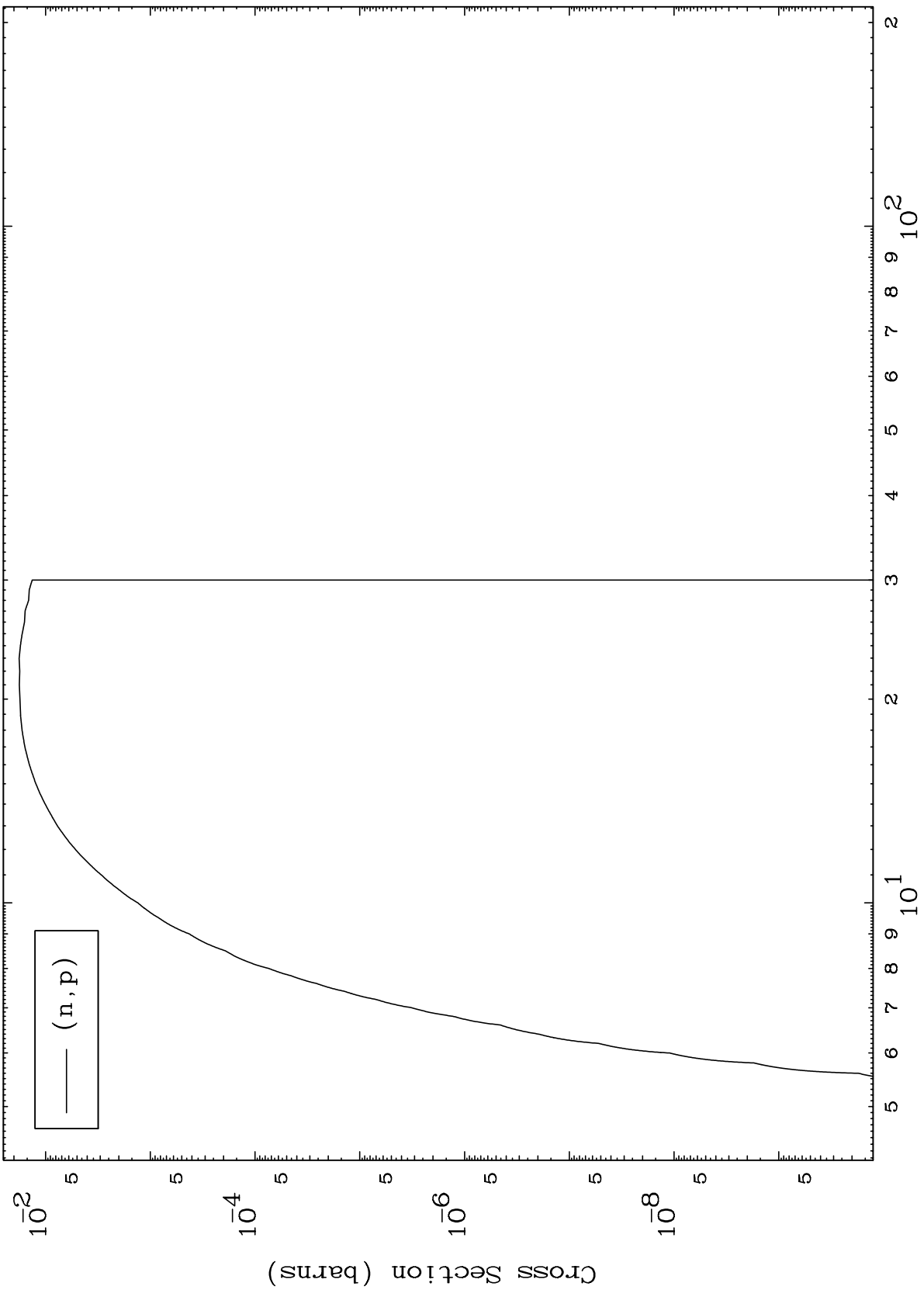


8

Incident Energy (MeV)

35-Br-86

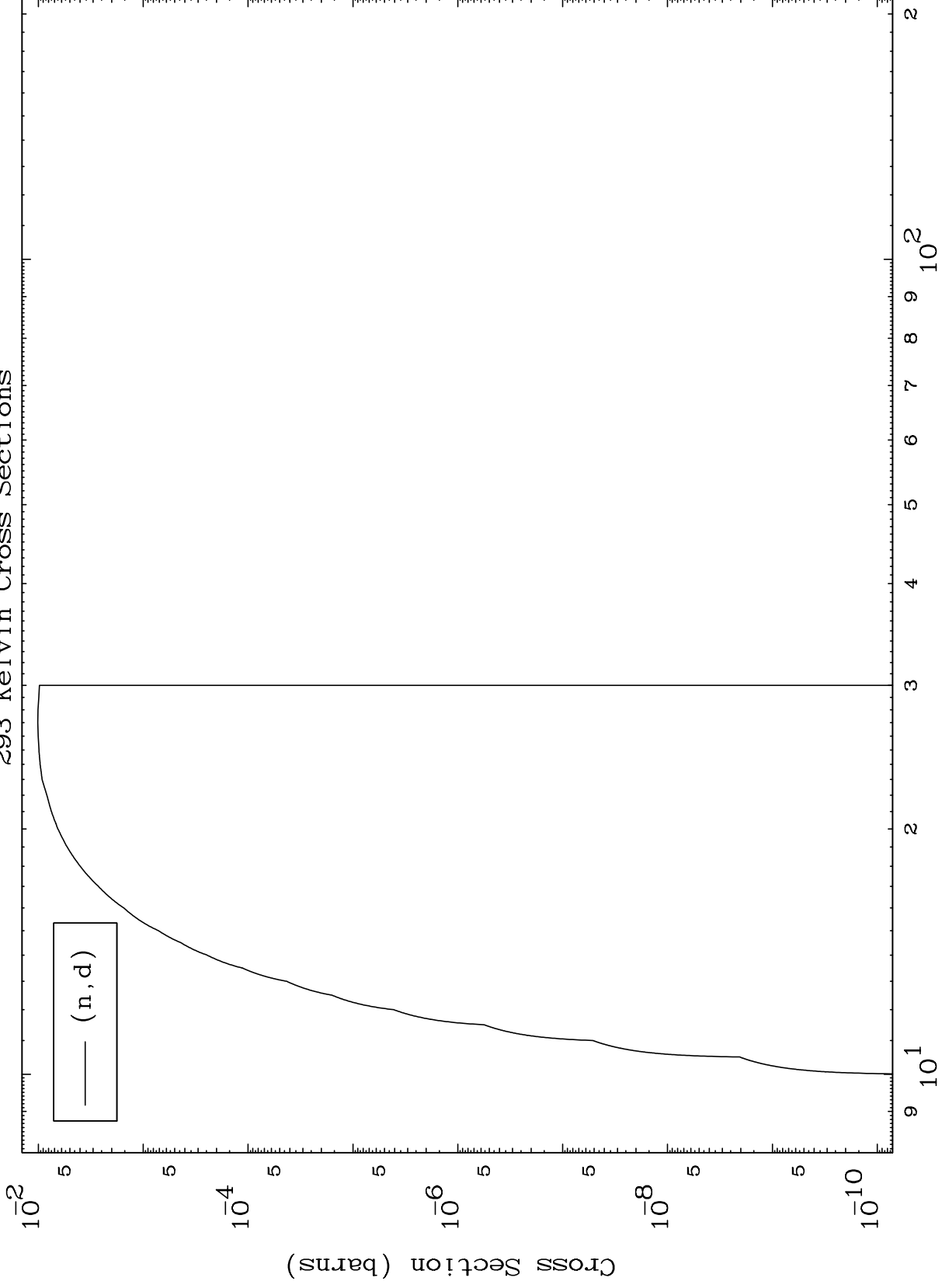
(n,p) Levels
293 Kelvin Cross Sections



MAT 3546

(n,d) Levels
293 Kelvin Cross Sections

35-Br-86



10

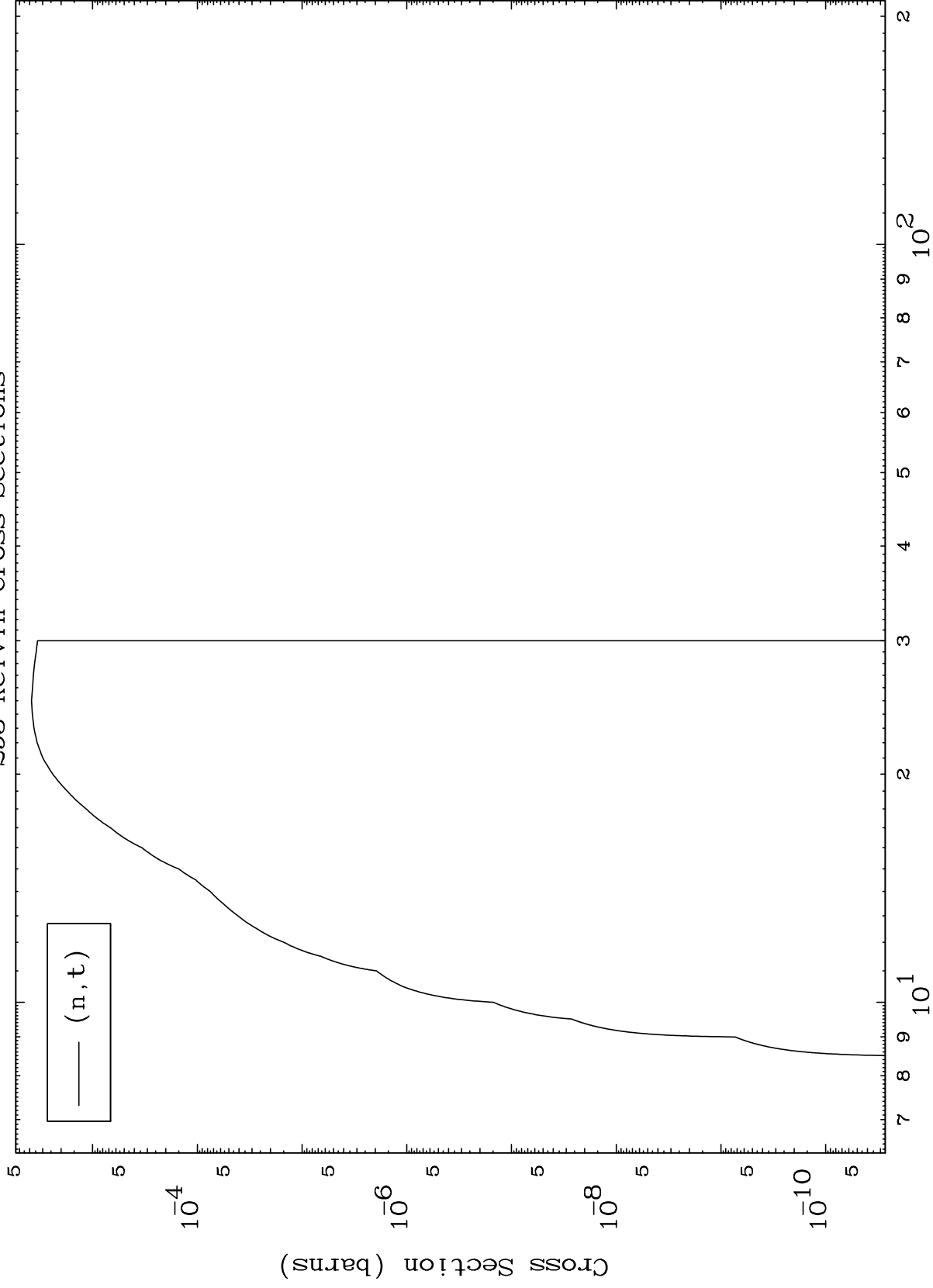
Incident Energy (MeV)

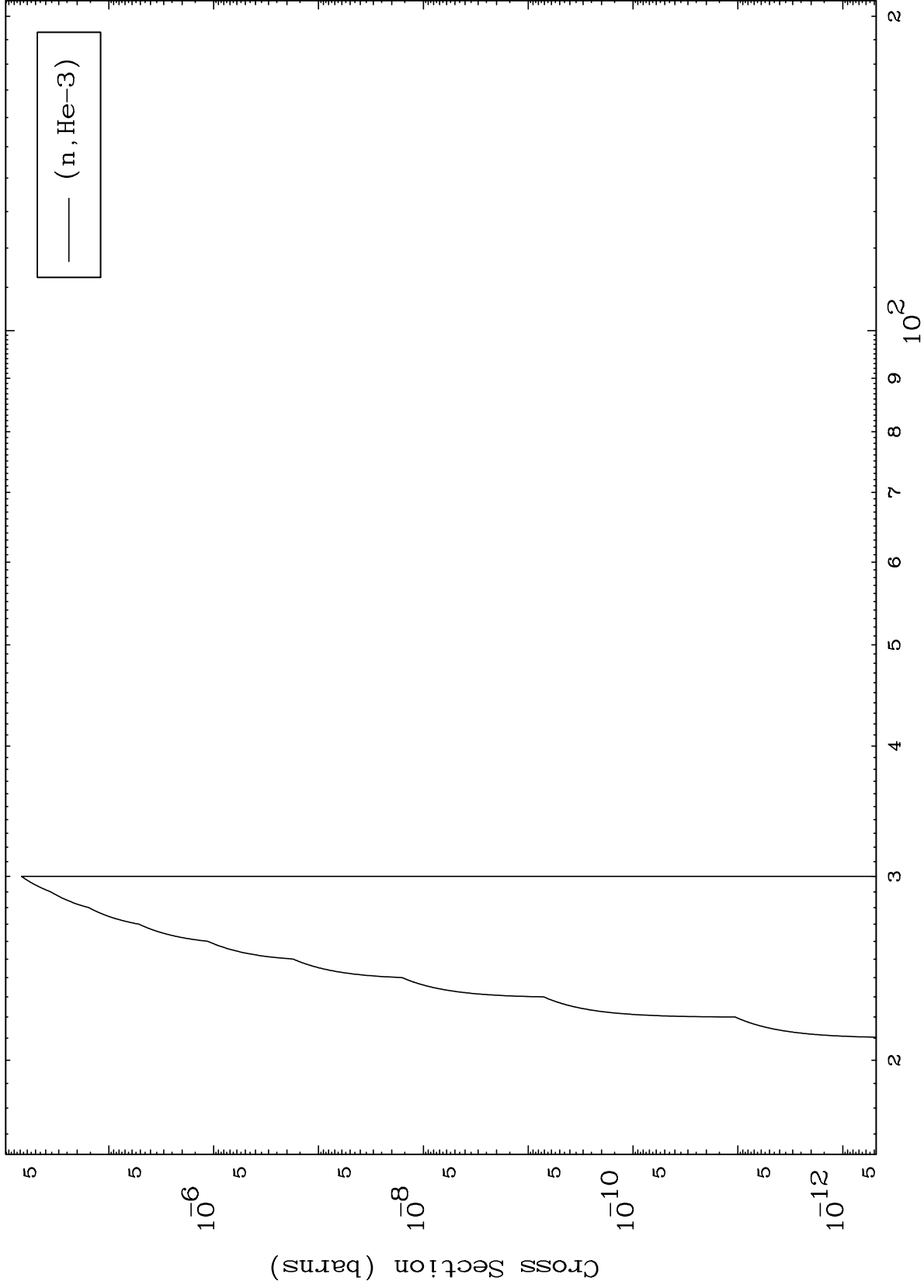
35-Br-86

MAT 3546

(n,t) Levels
293 Kelvin Cross Sections

35-Br-86

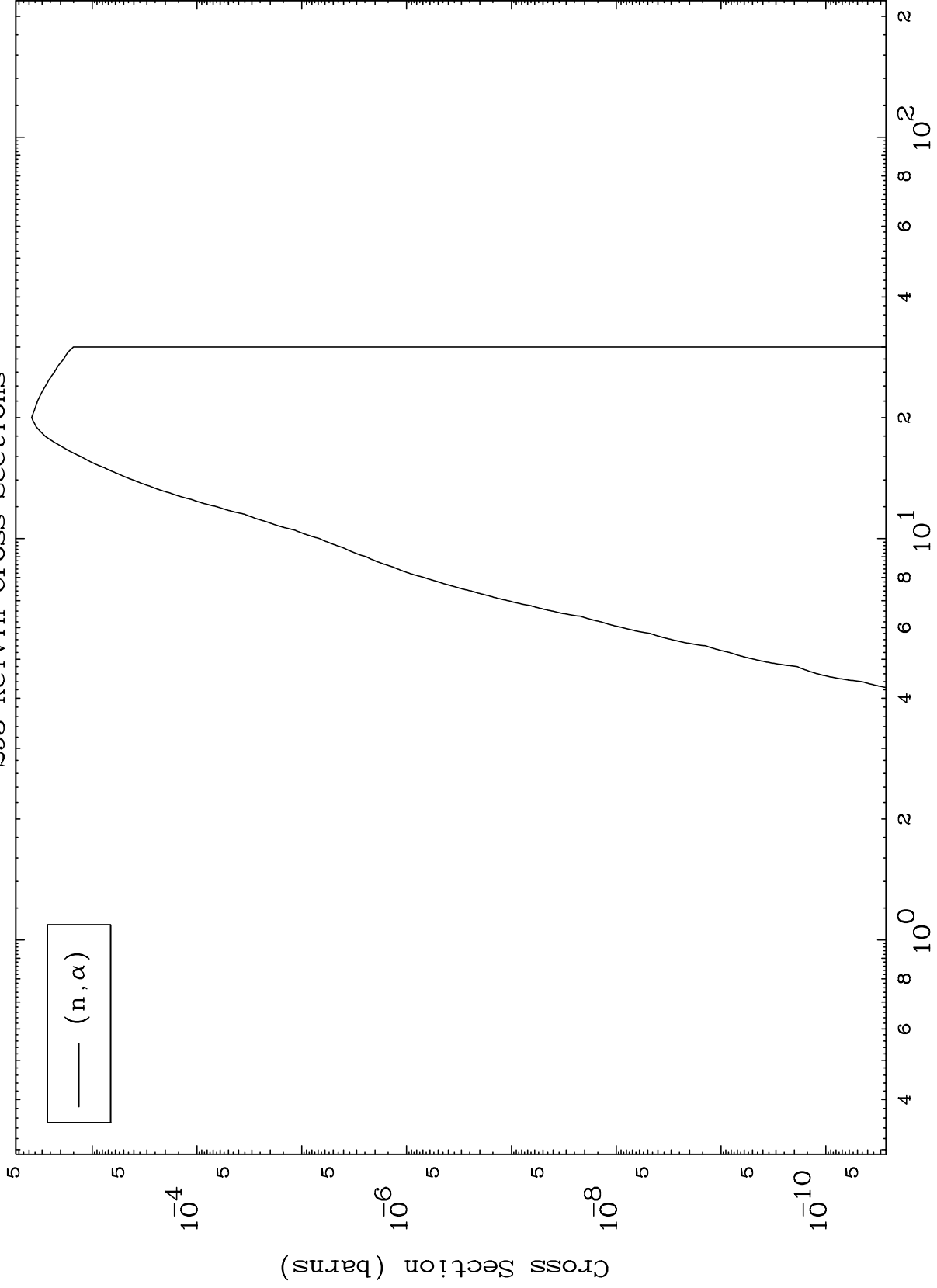




MAT 3546

(n, α) Levels
293 Kelvin Cross Sections

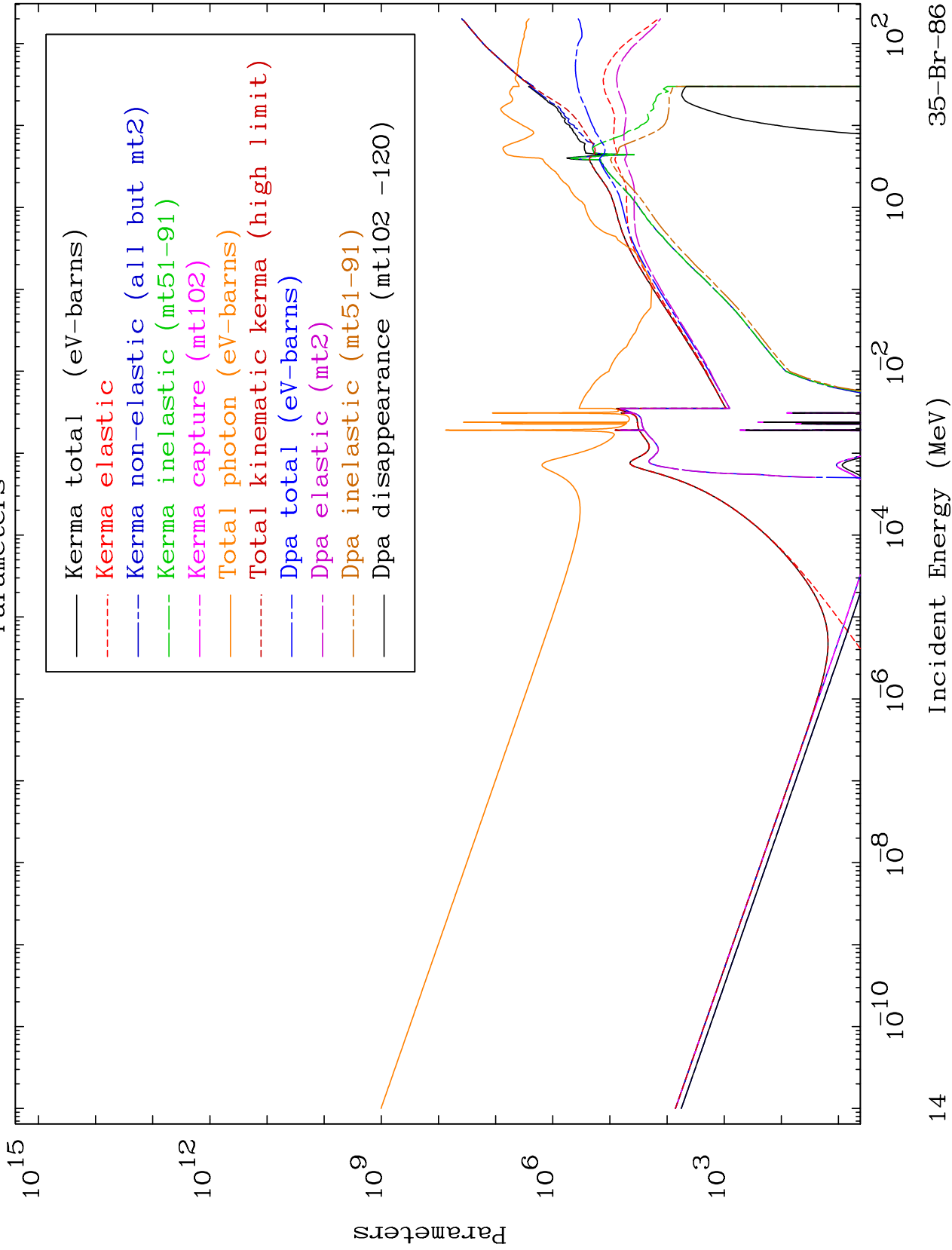
35-Br-86



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Incident Energy (MeV)

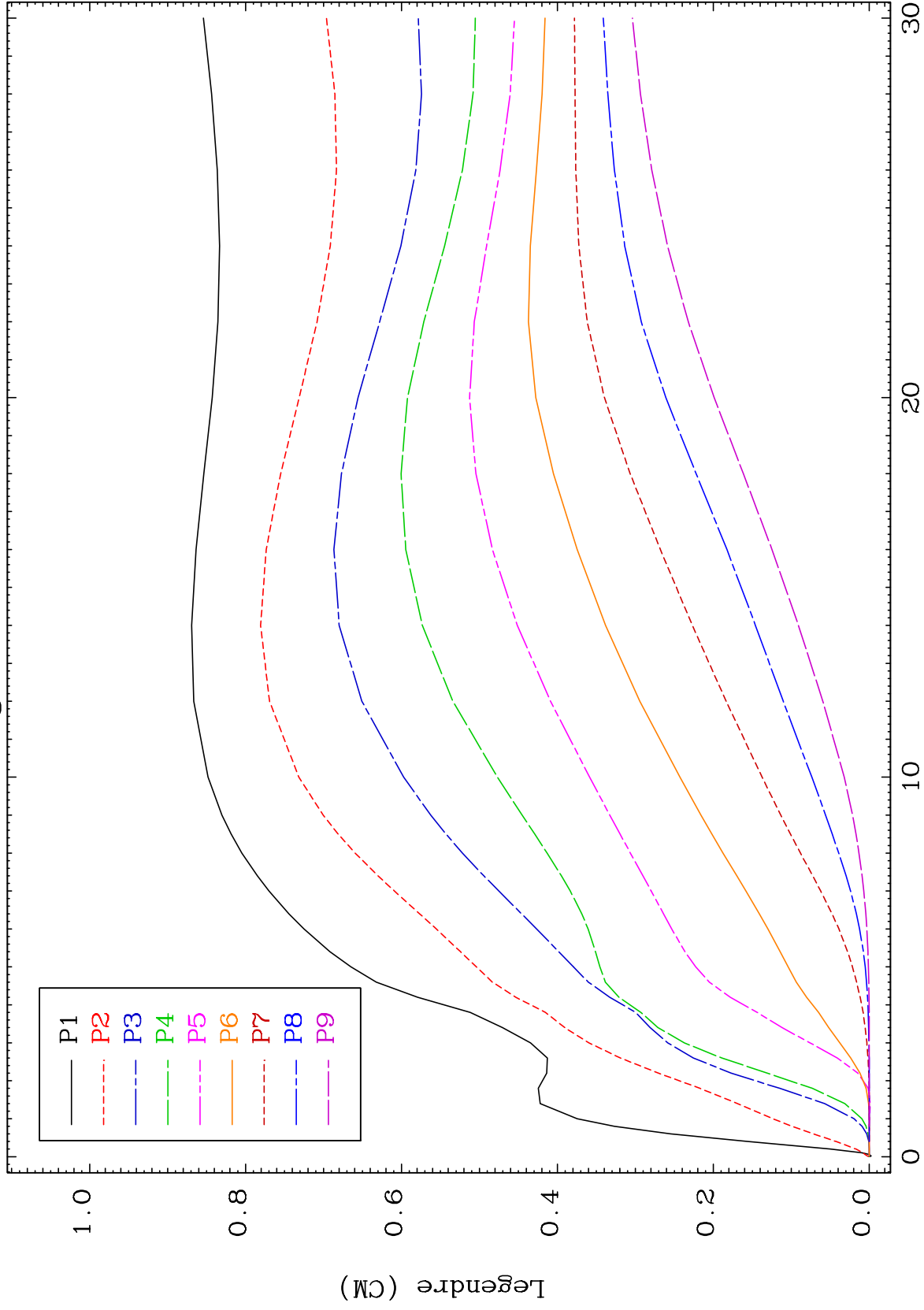
35-Br-86



MAT 3546

Elastic Legendre Coefficients

³⁵Br-86



15

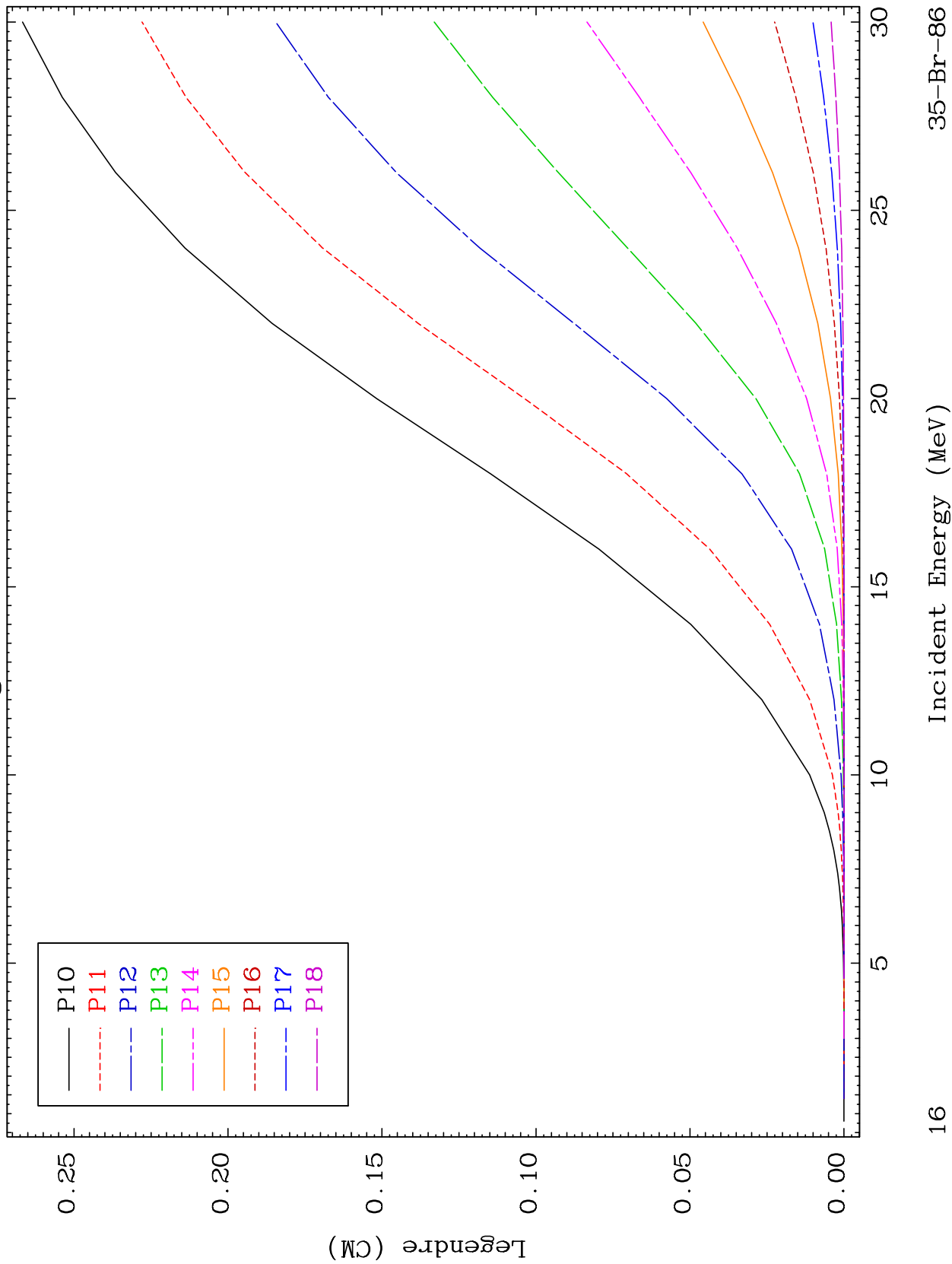
Incident Energy (MeV)

³⁵Br-86

MAT 3546

Elastic Legendre Coefficients

³⁵Br-86



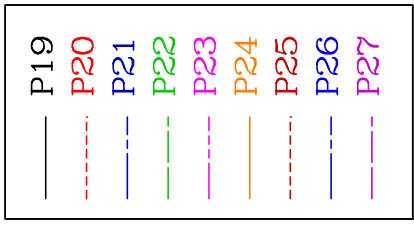
16

³⁵Br-86

MAT 3546

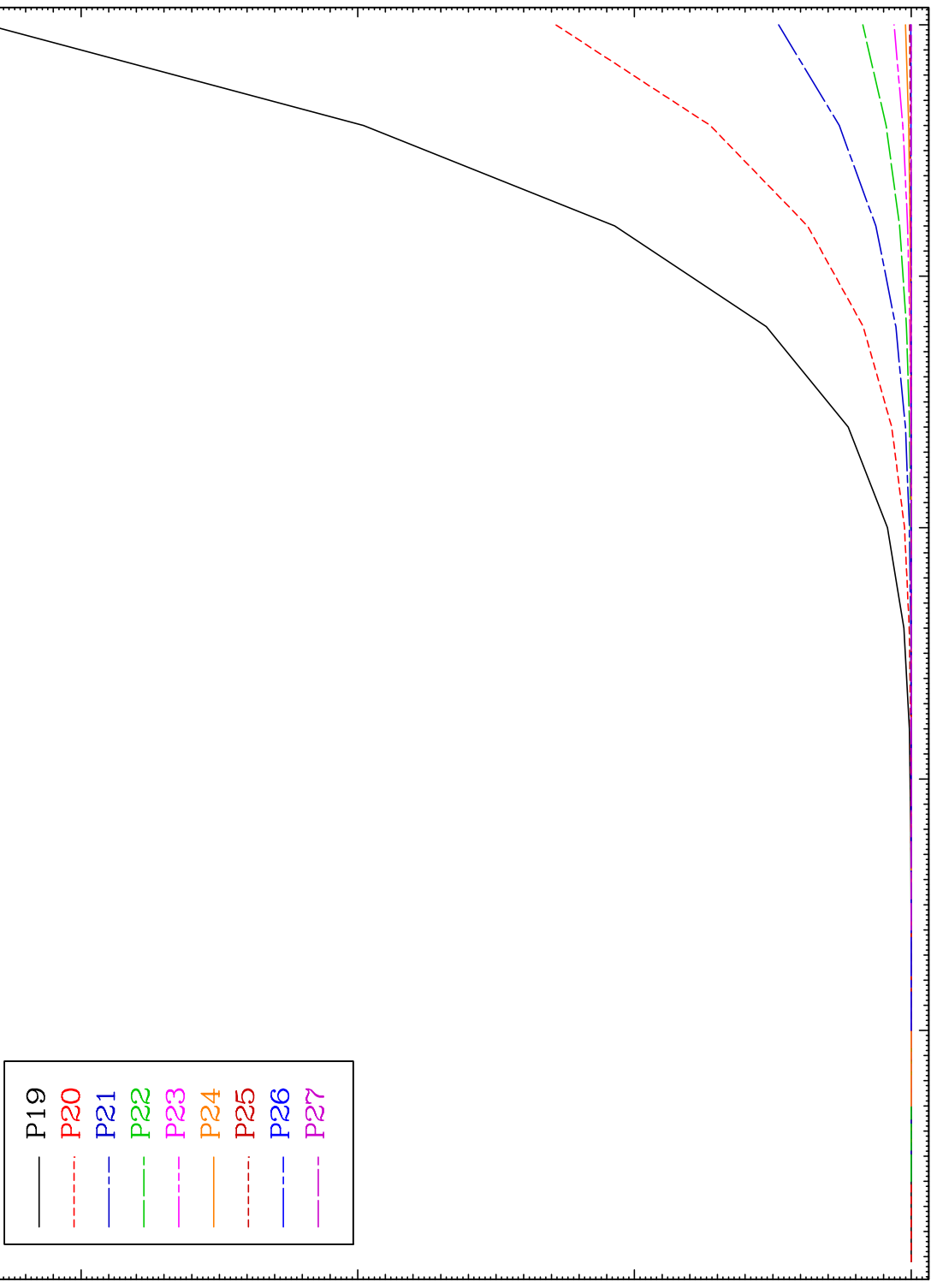
Elastic Legendre Coefficients

³⁵Br-86



$\times 10^{-3}$

Legendre (CM)



30

25

20

15

10

17

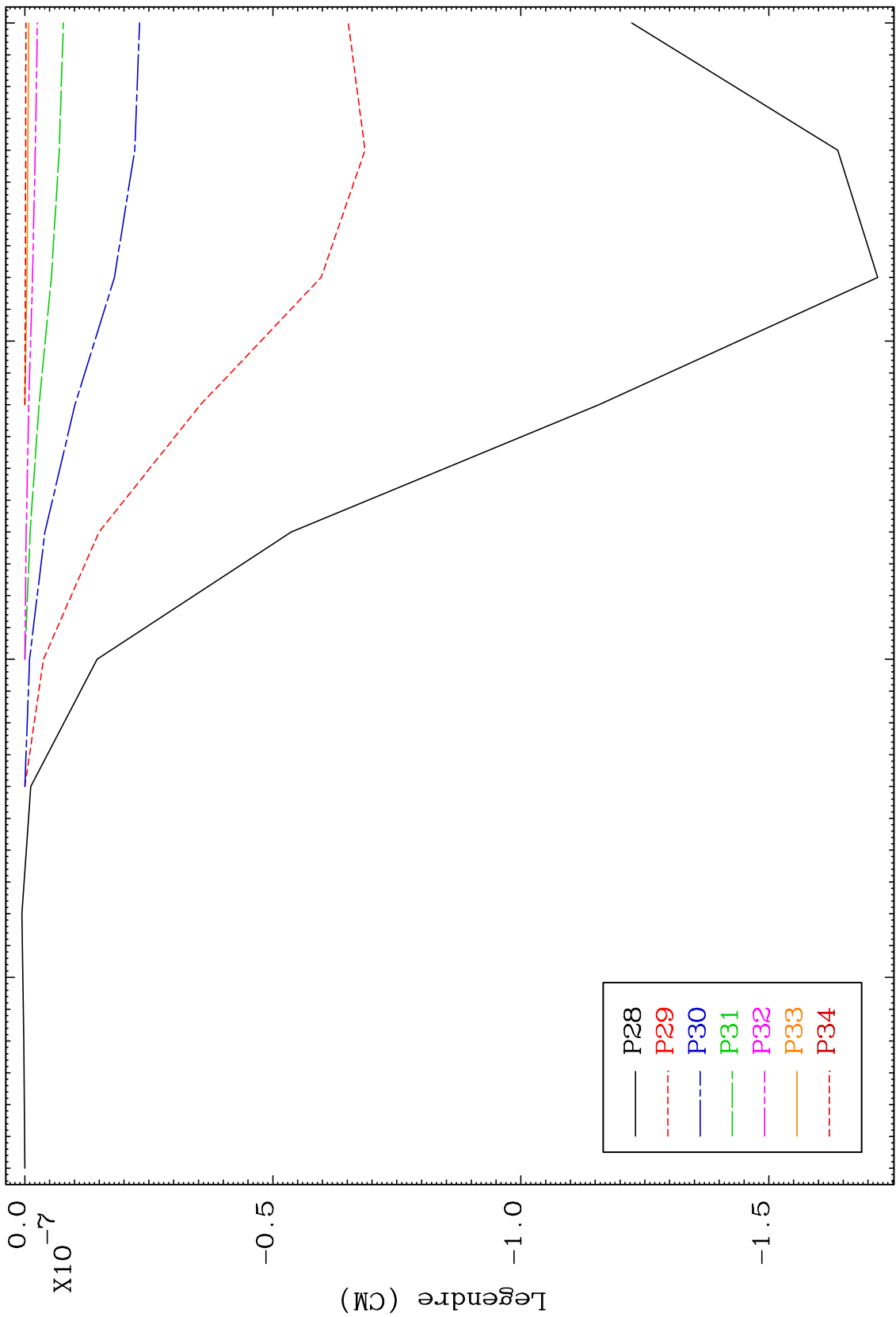
Incident Energy (MeV)

³⁵Br-86

MAT 3546

35-Br-86

Elastic Legendre Coefficients



18

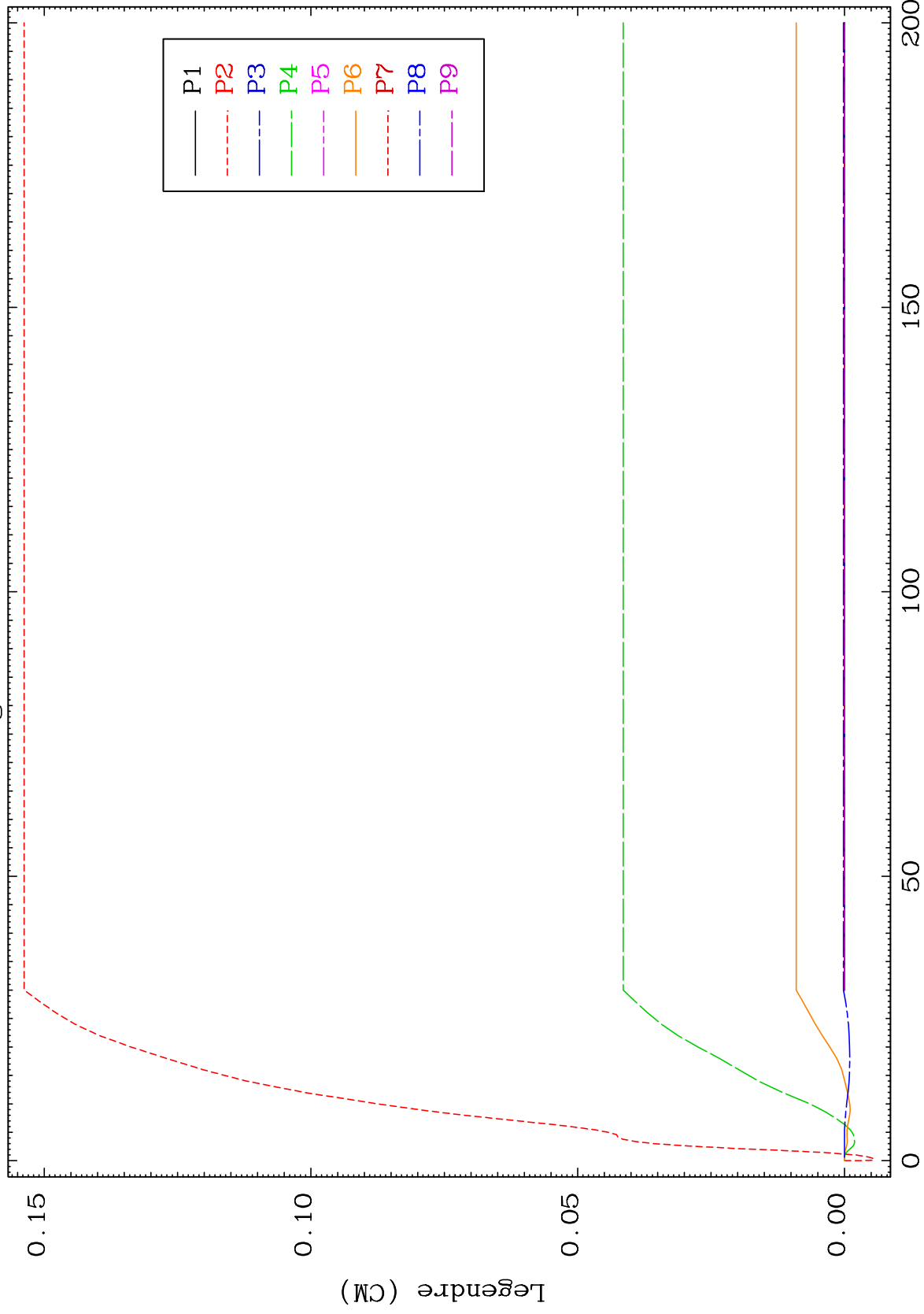
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86



19

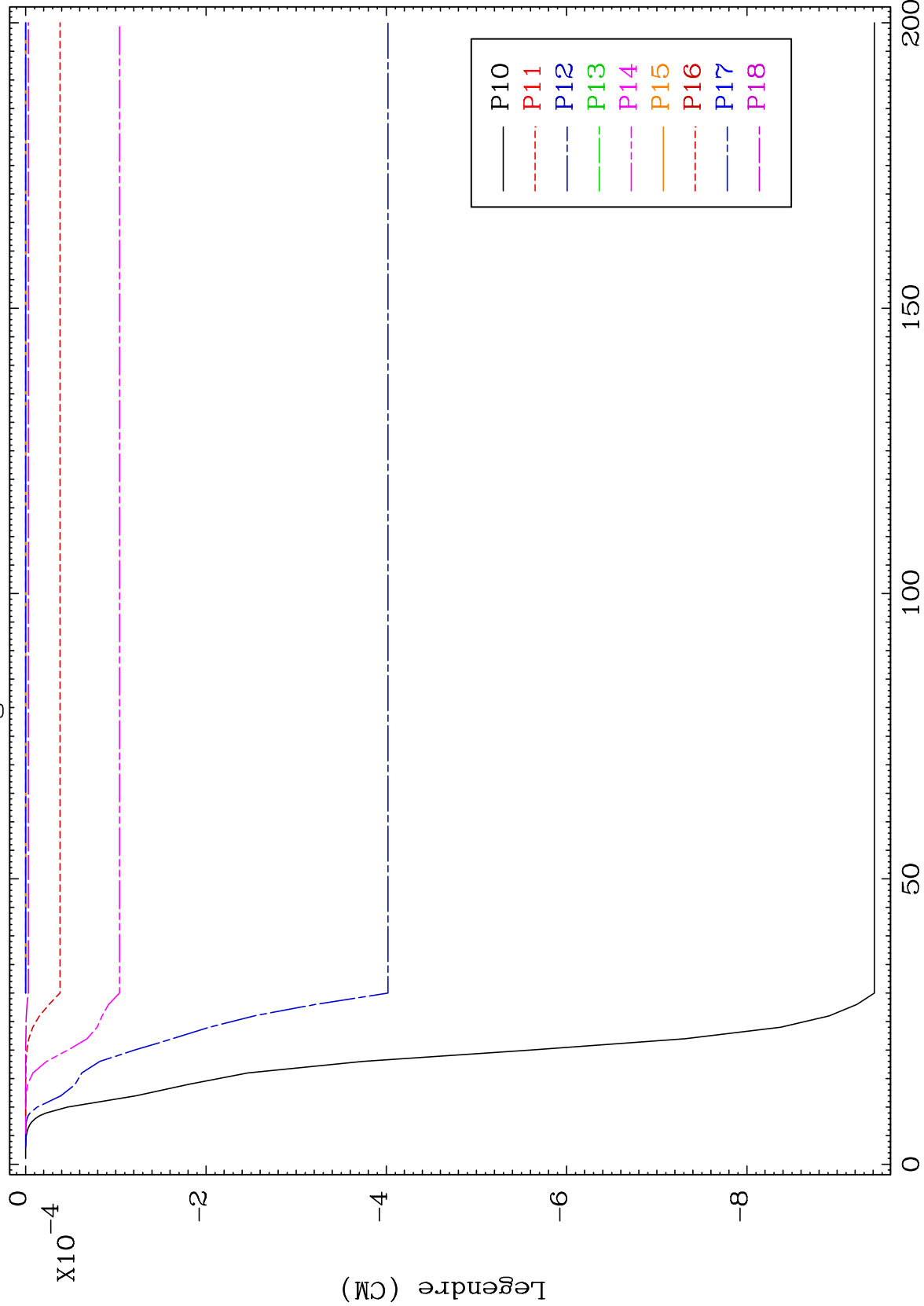
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86



0

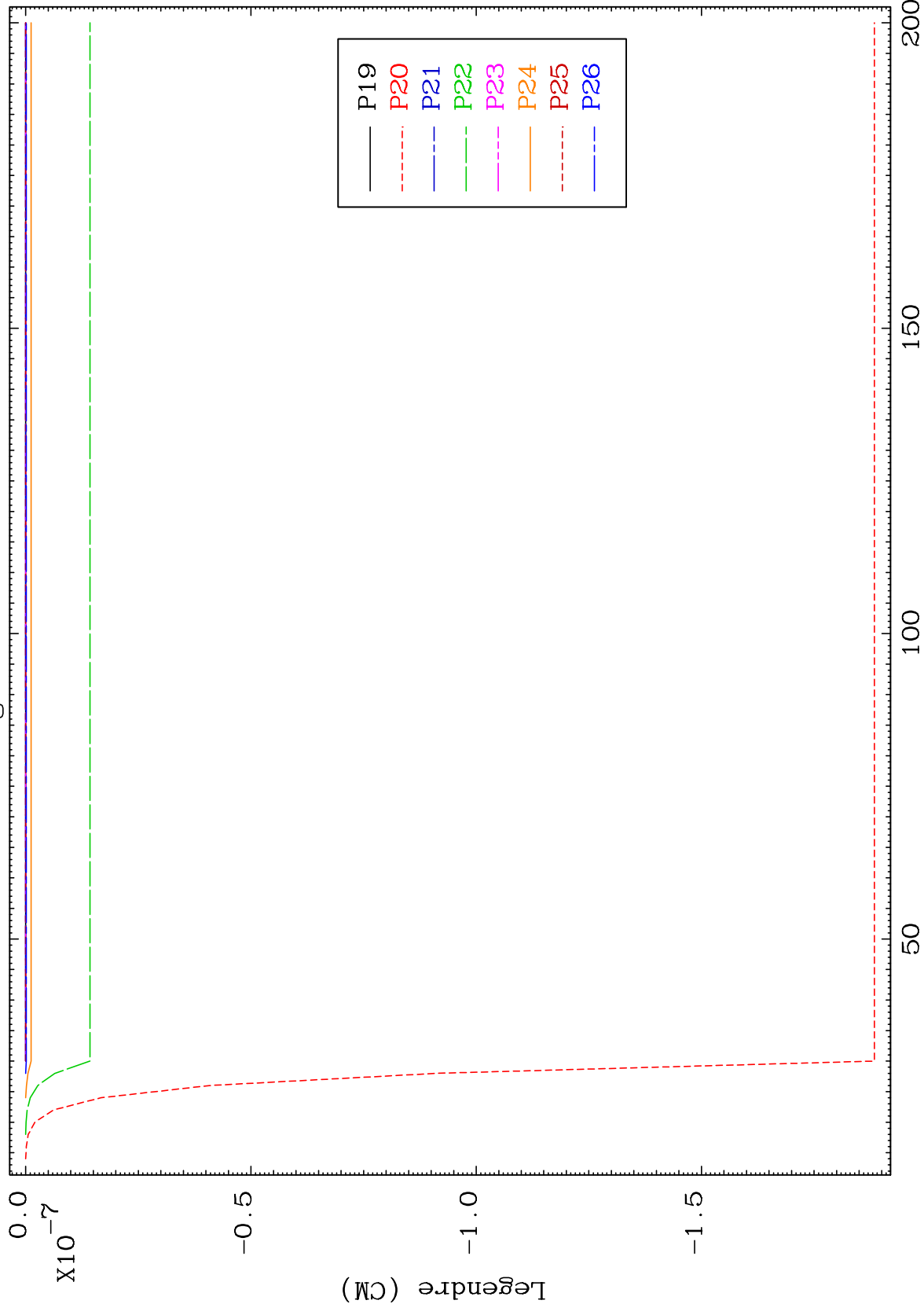
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86



35-Br-86

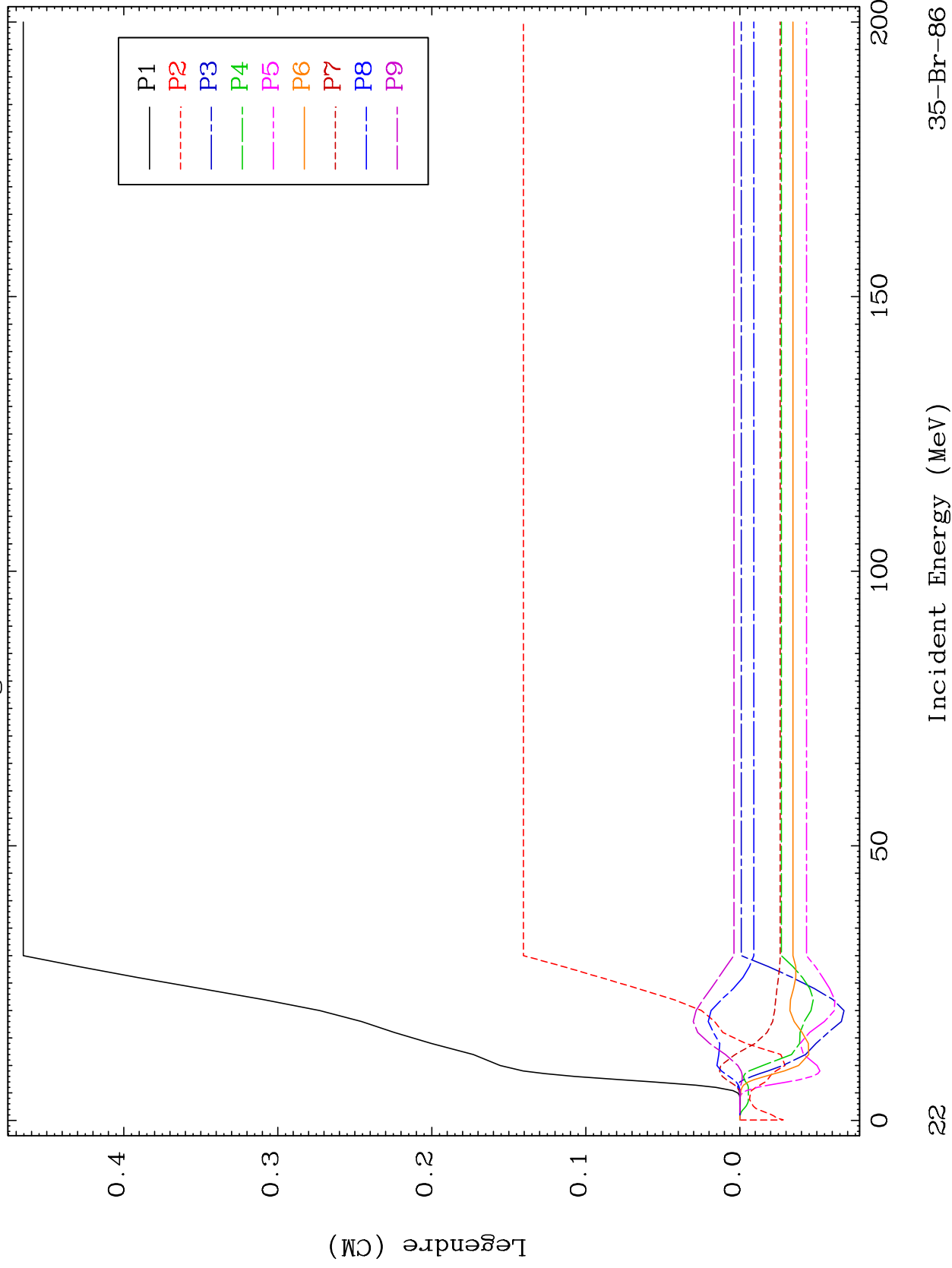
Incident Energy (MeV)

21

MAT 3546

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

35-Br-86

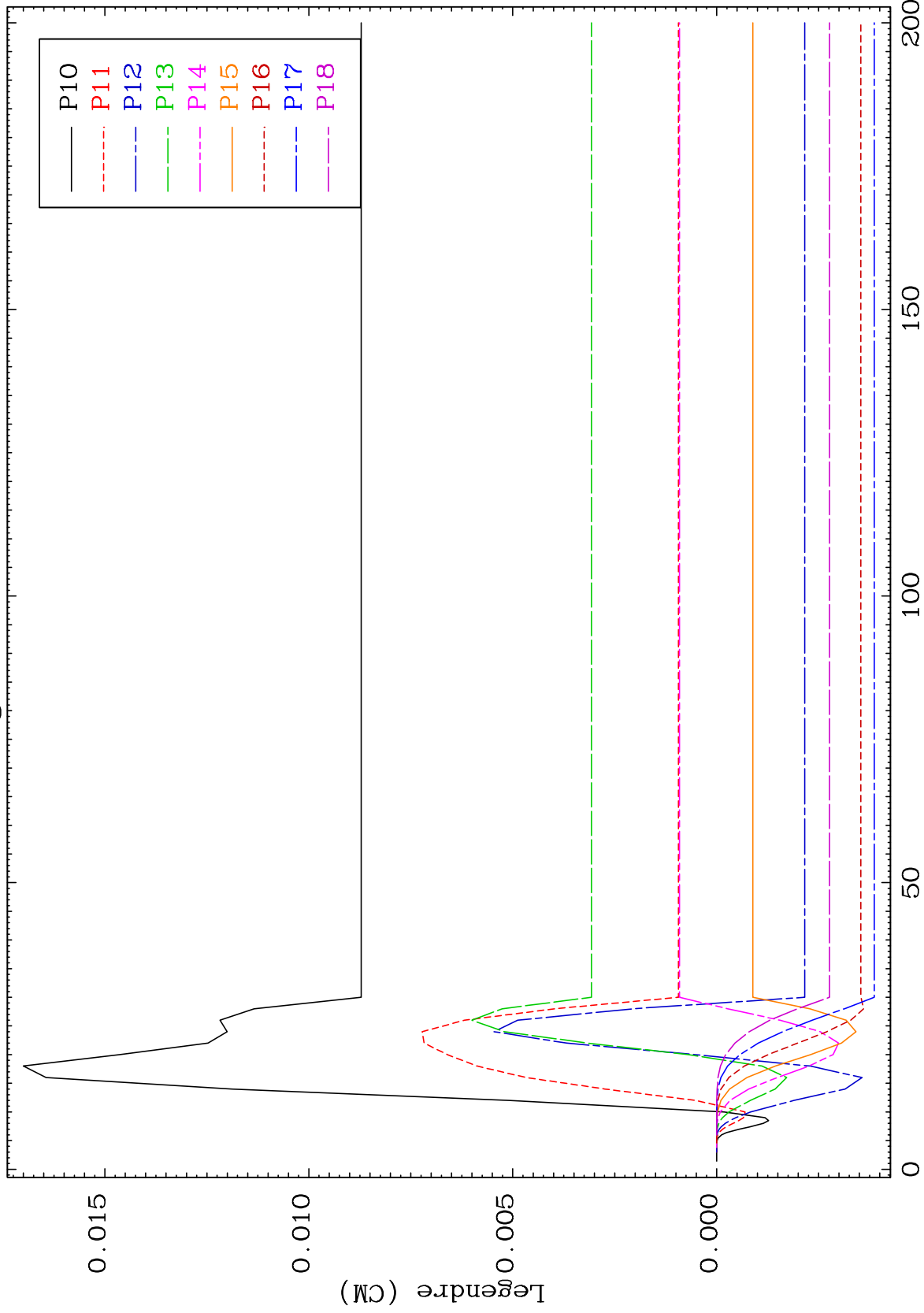


22

MAT 3546

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

35-Br-86



23

Incident Energy (MeV)

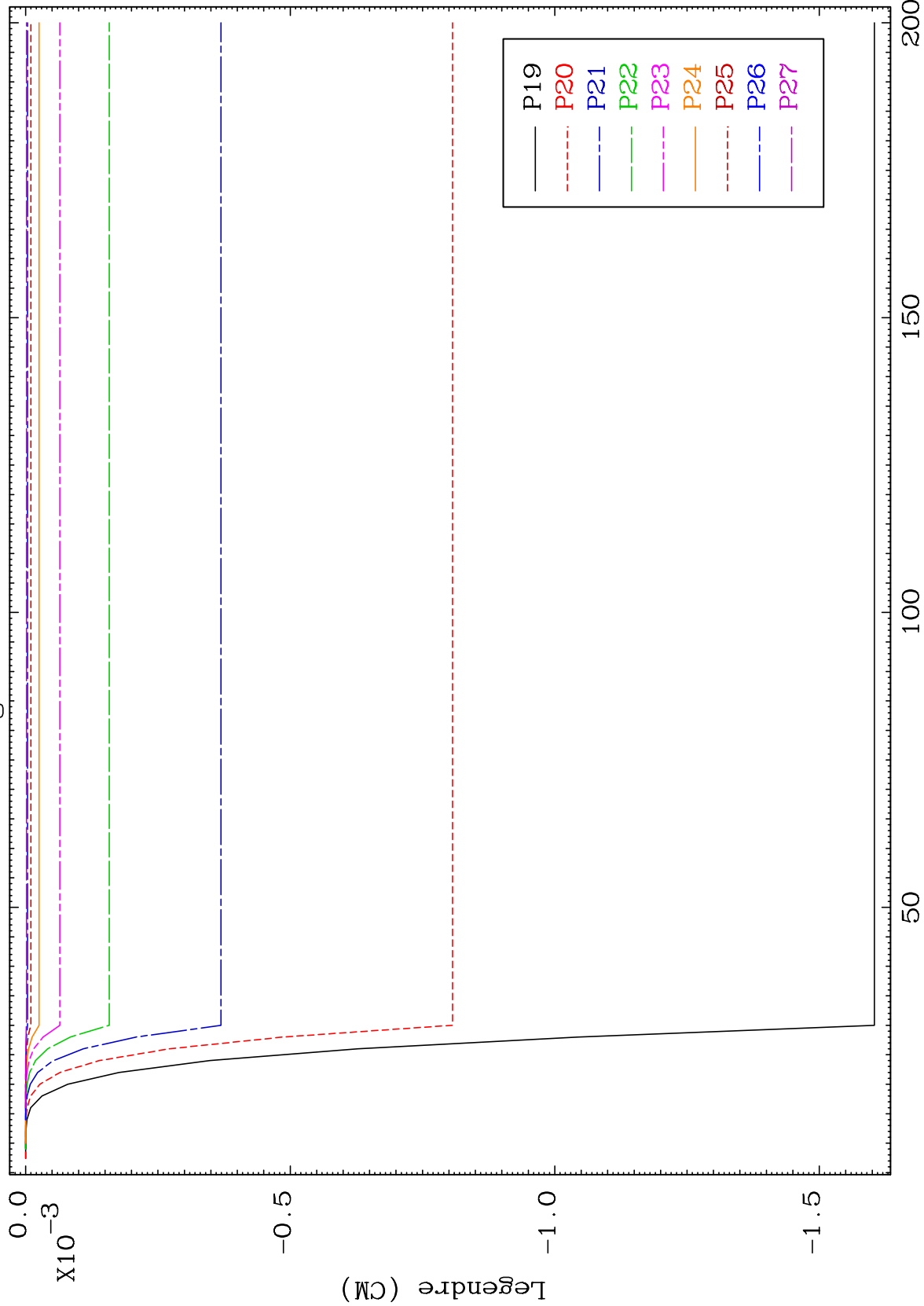
35-Br-86

MAT 3546

MT= 52 (n,n') Level

35-Br-86

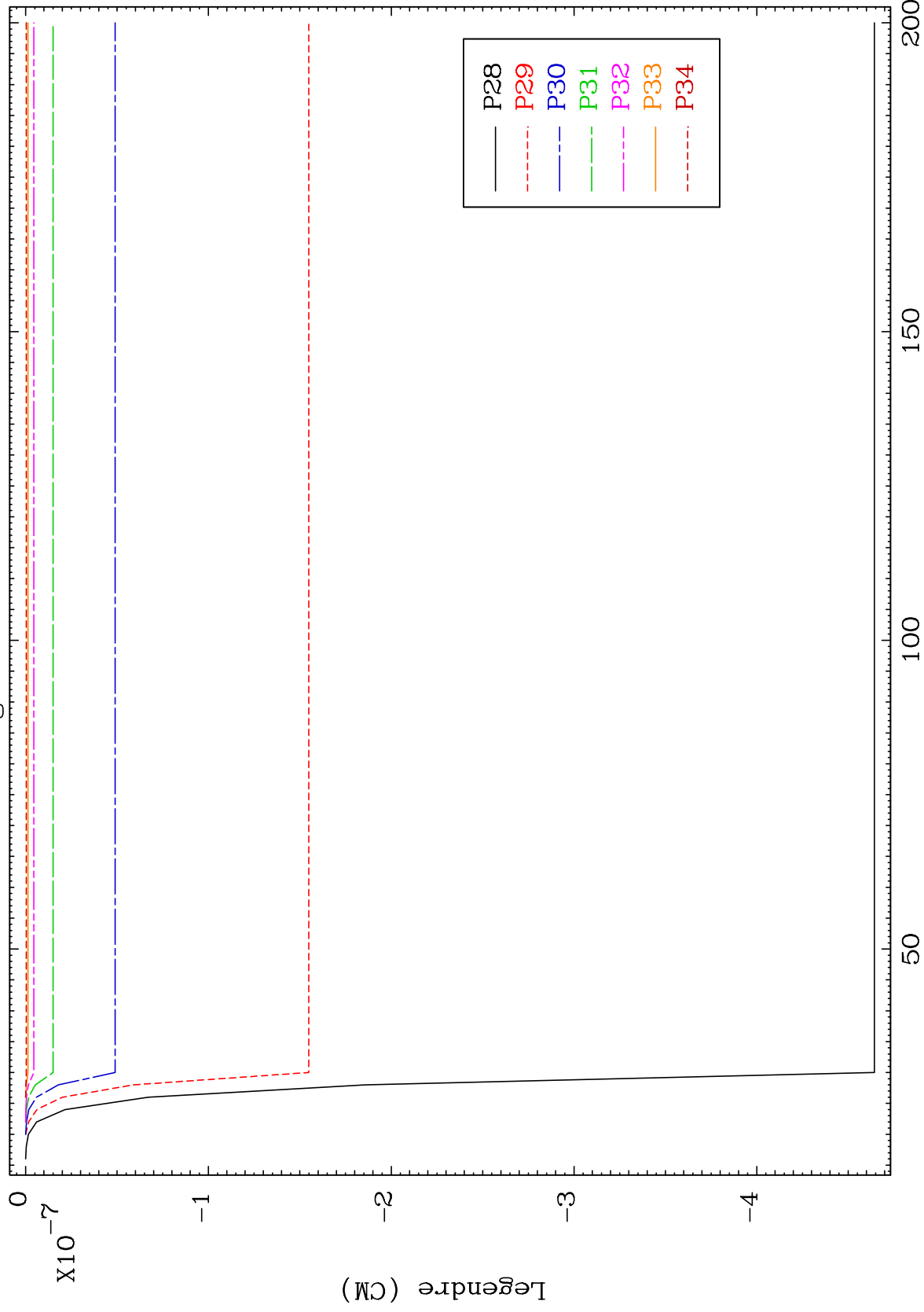
Legendre Coefficients



MAT 3546

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

35-Br-86



25

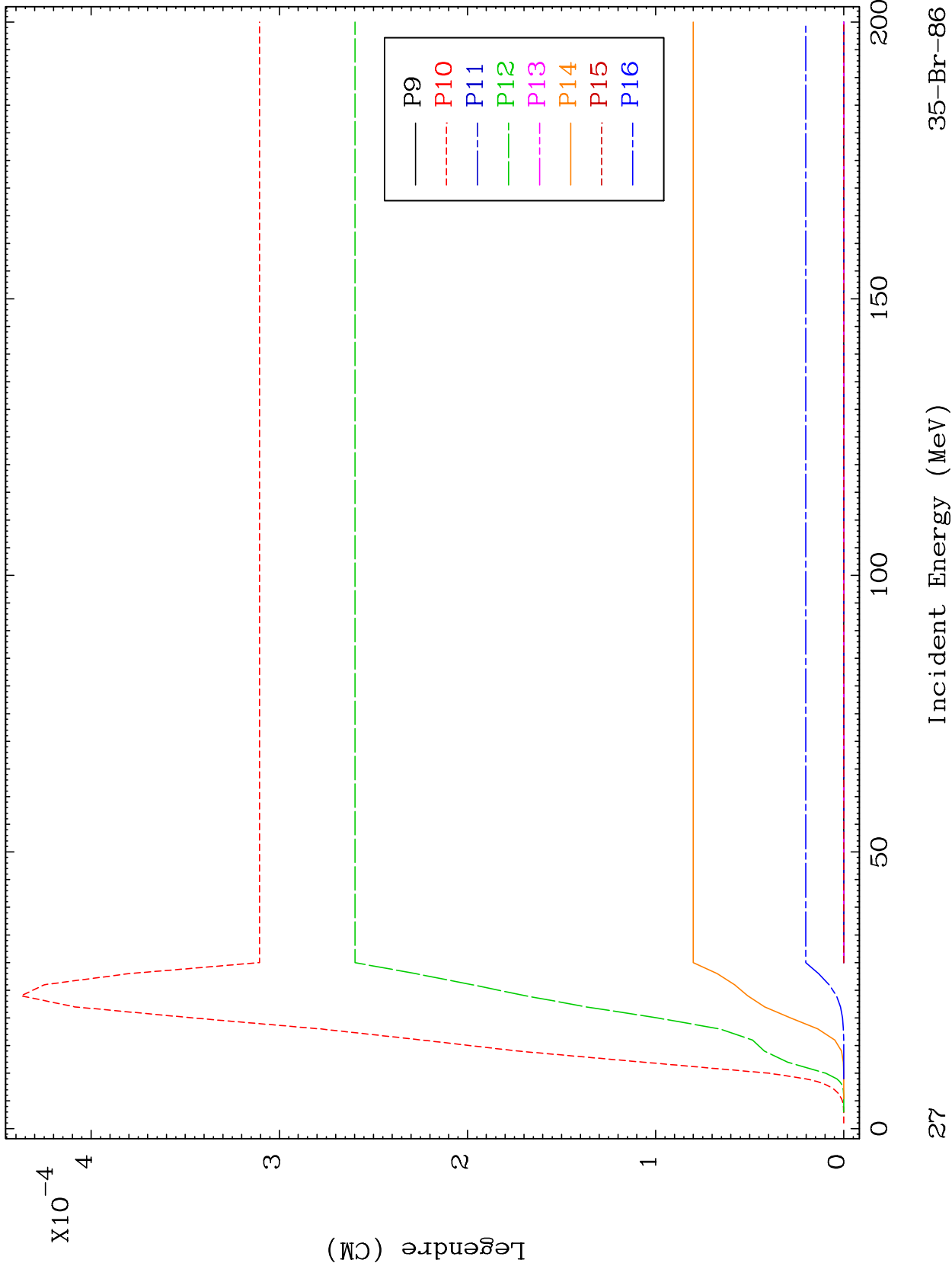
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86



27

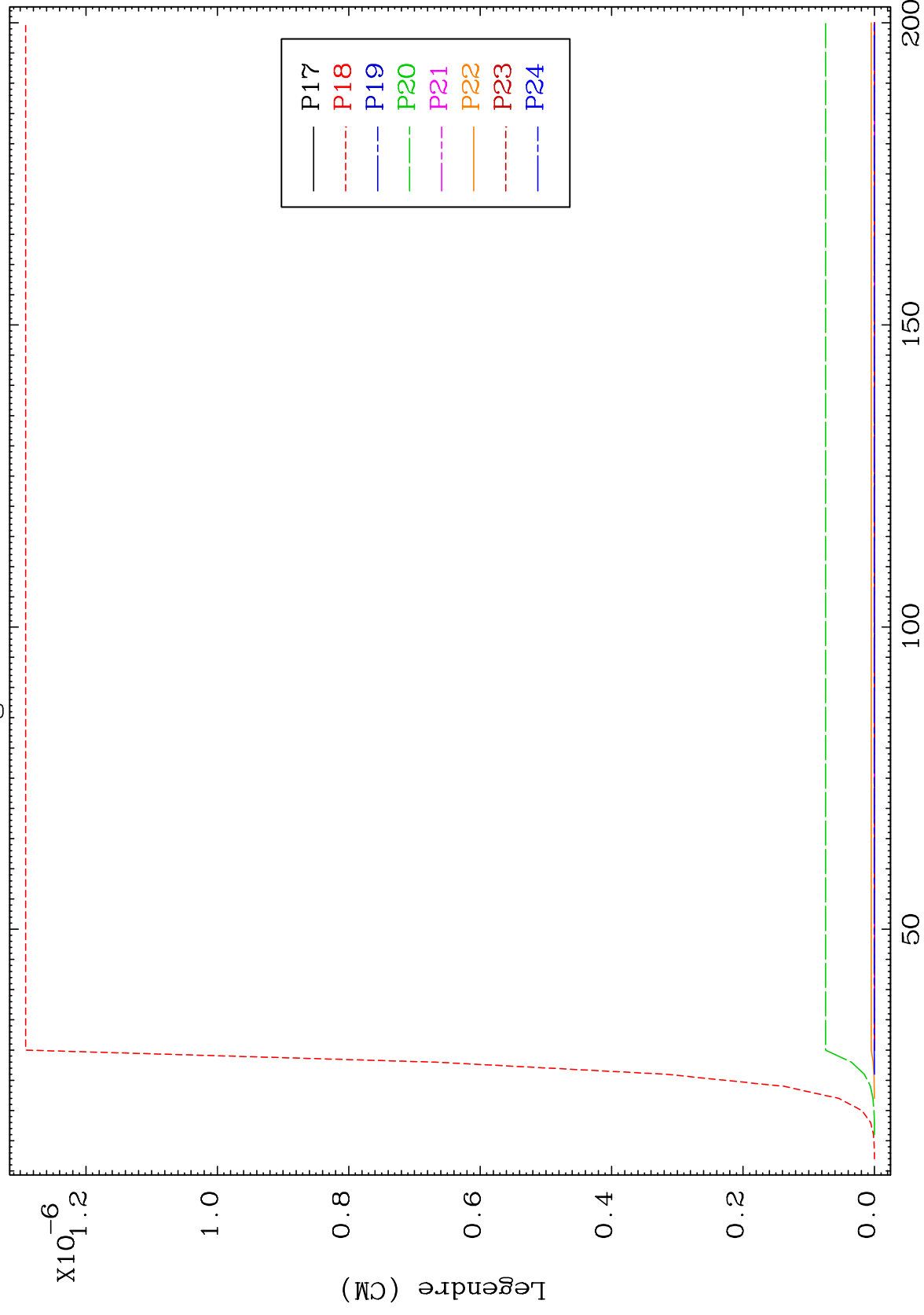
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86



35-Br-86

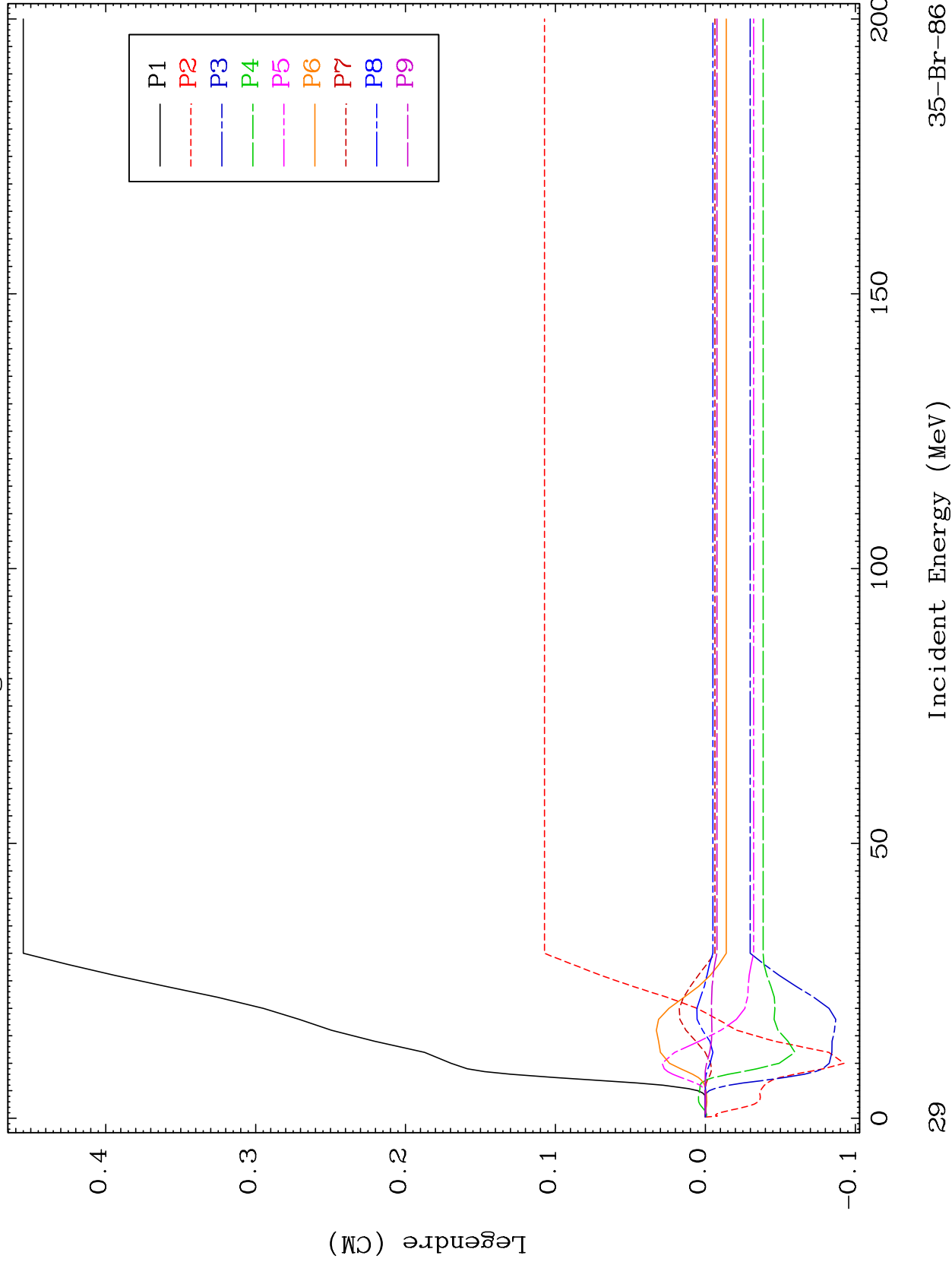
Incident Energy (MeV)

28

MAT 3546

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

35-Br-86

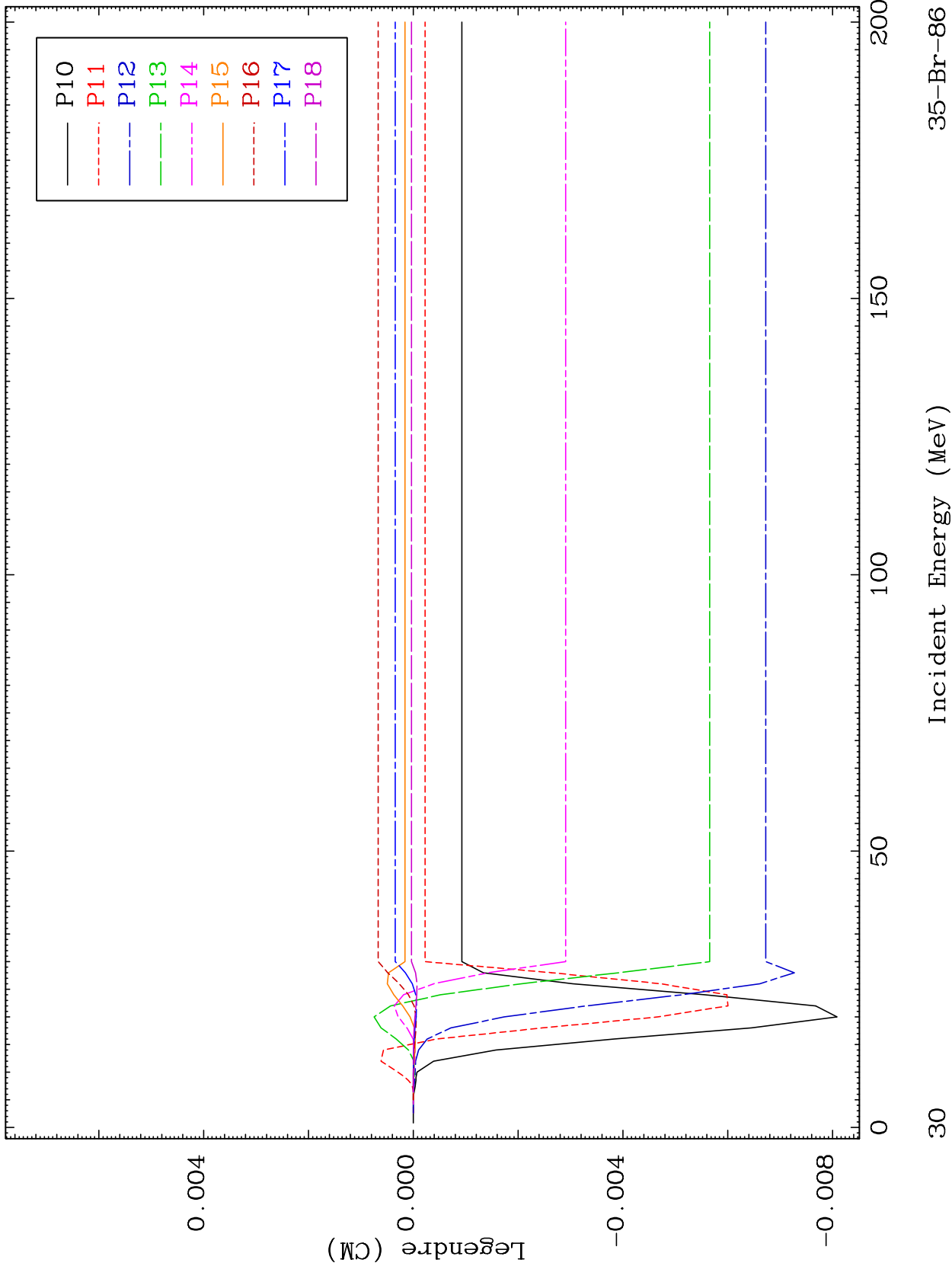


35-Br-86

MAT 3546

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

35-Br-86



35-Br-86

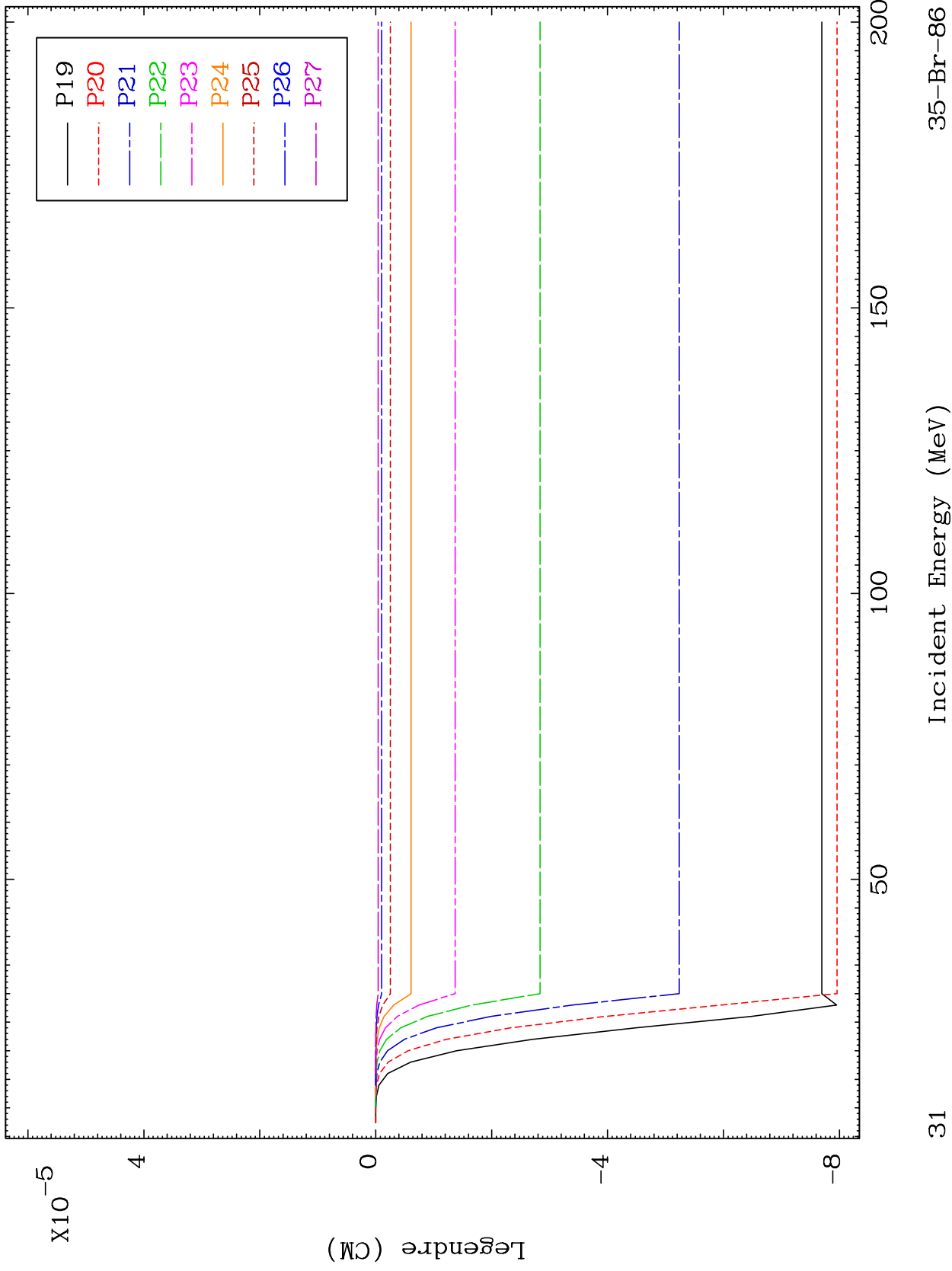
Incident Energy (MeV)

30

MAT 3546

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

35-Br-86



31

Incident Energy (MeV)

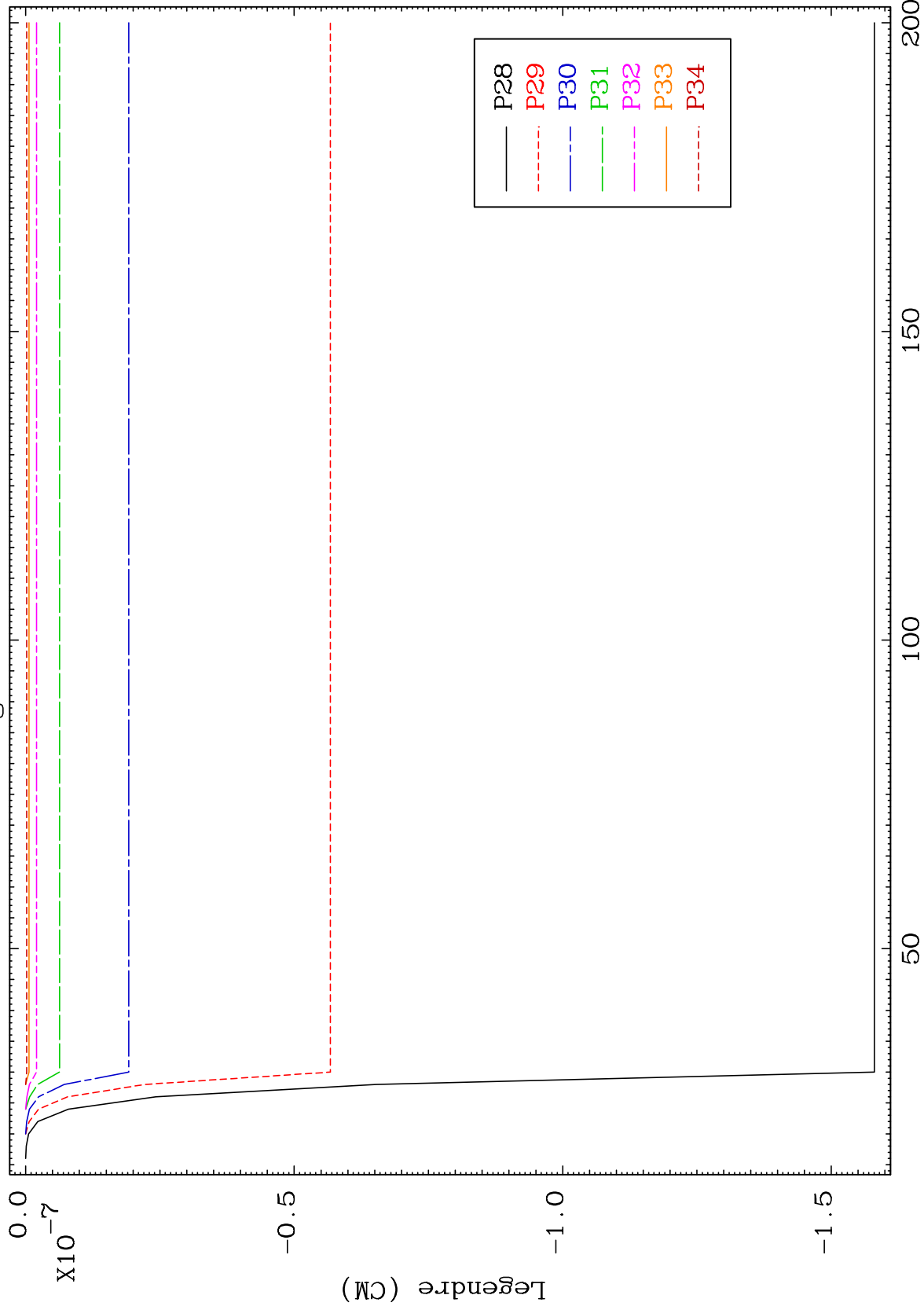
35-Br-86

MAT 3546

MT= 54 (n,n') Level

35-Br-86

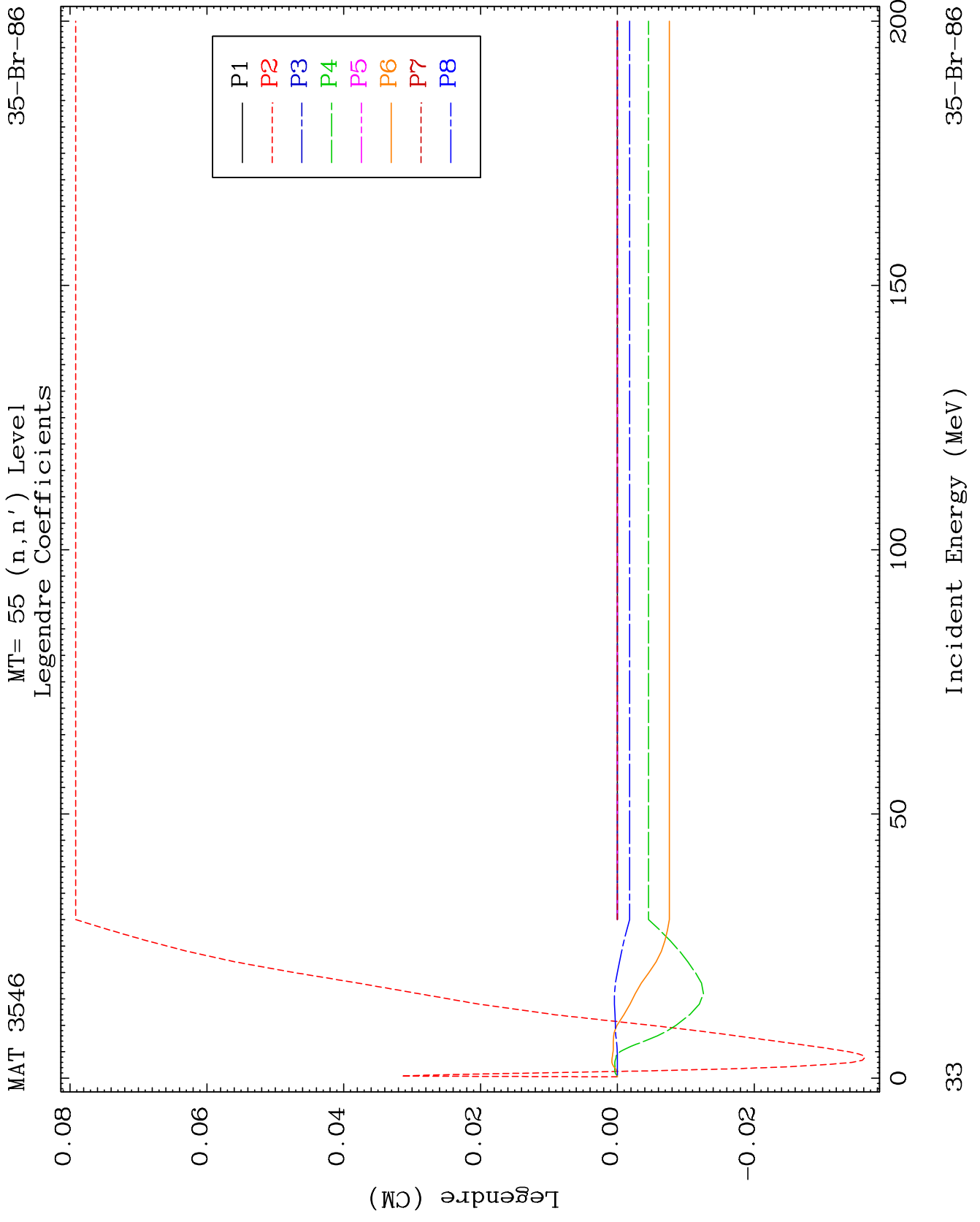
Legendre Coefficients



32

Incident Energy (MeV)

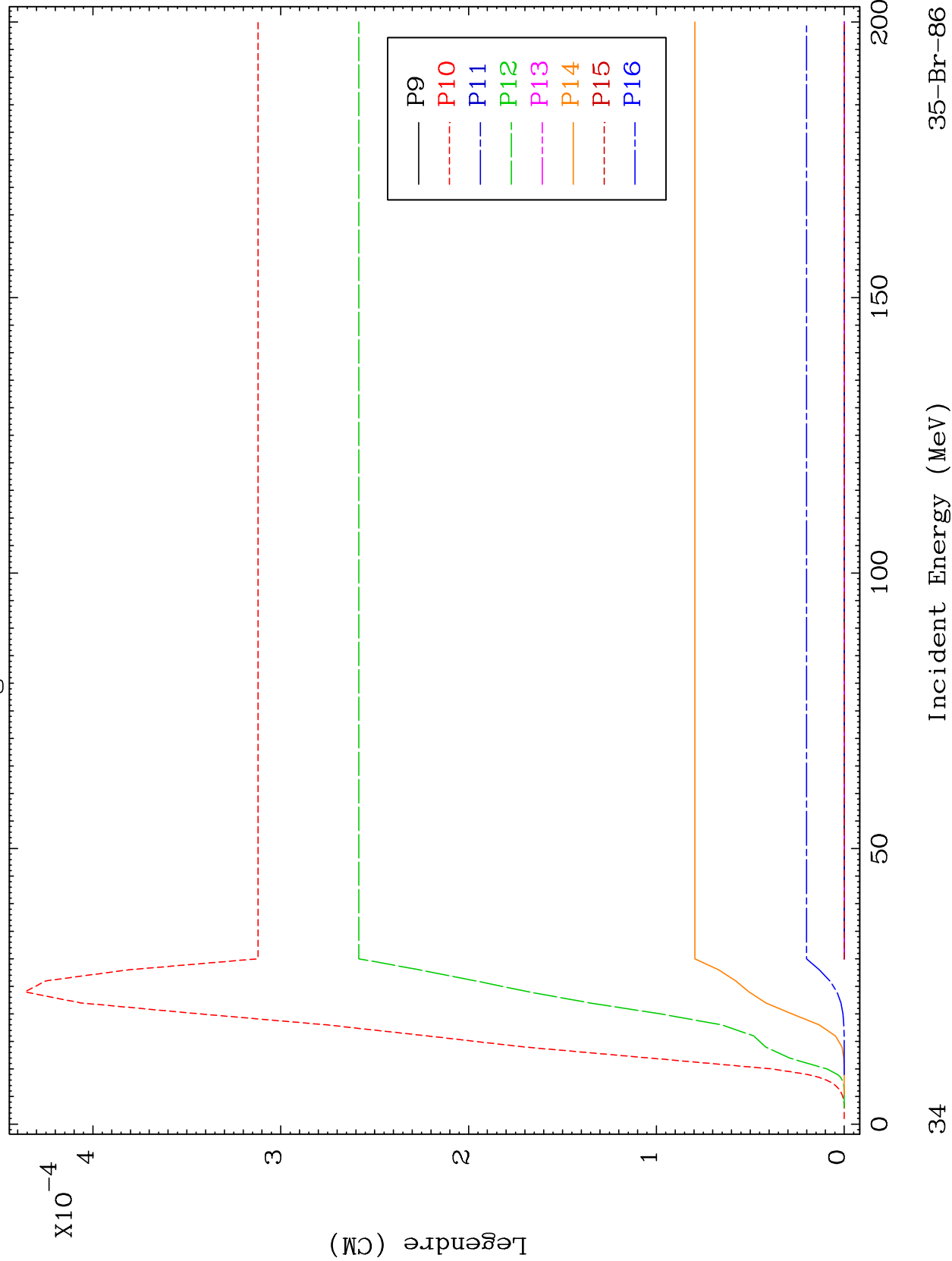
35-Br-86



MAT 3546

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

35-Br-86



34

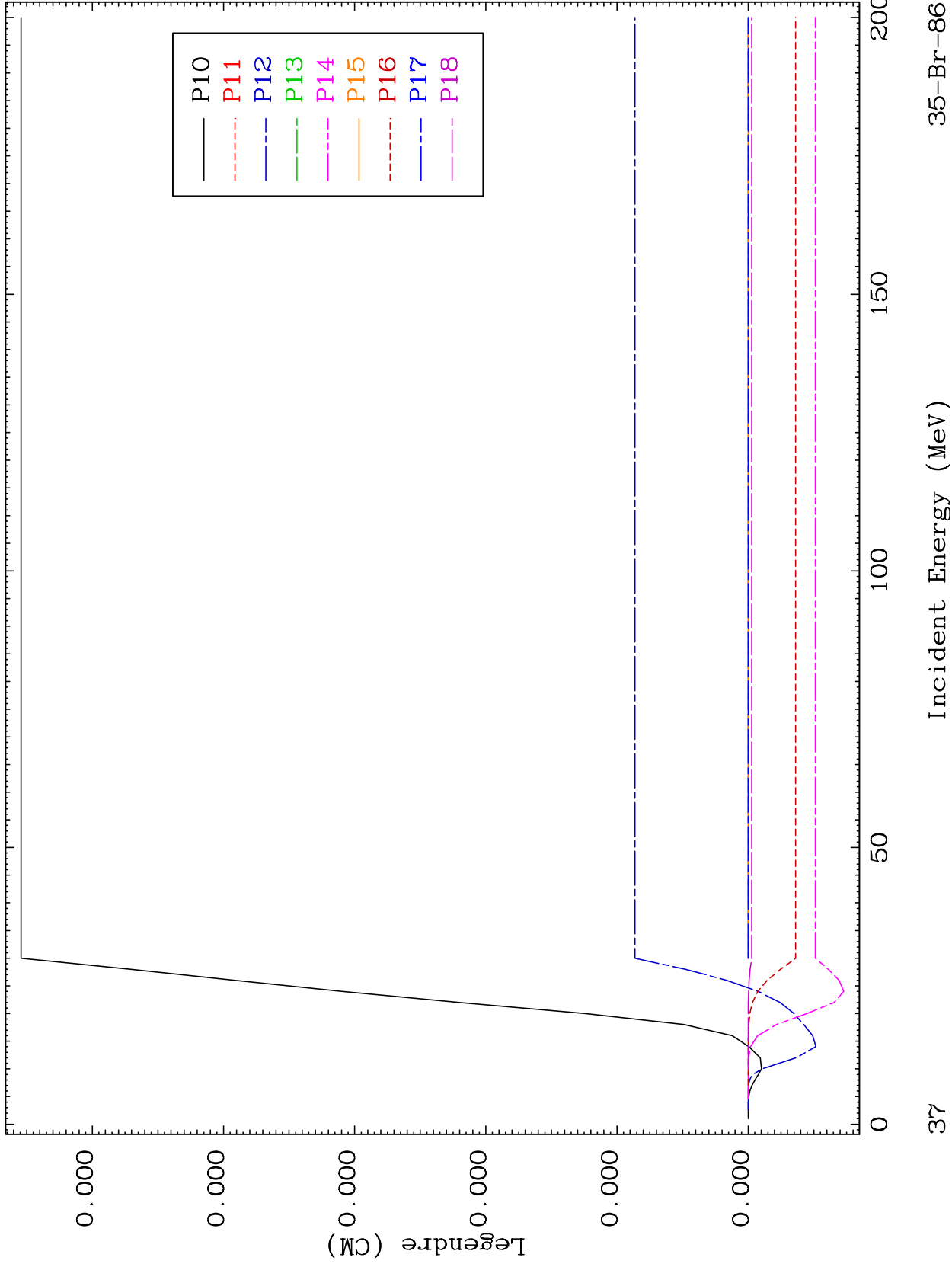
Incident Energy (MeV)

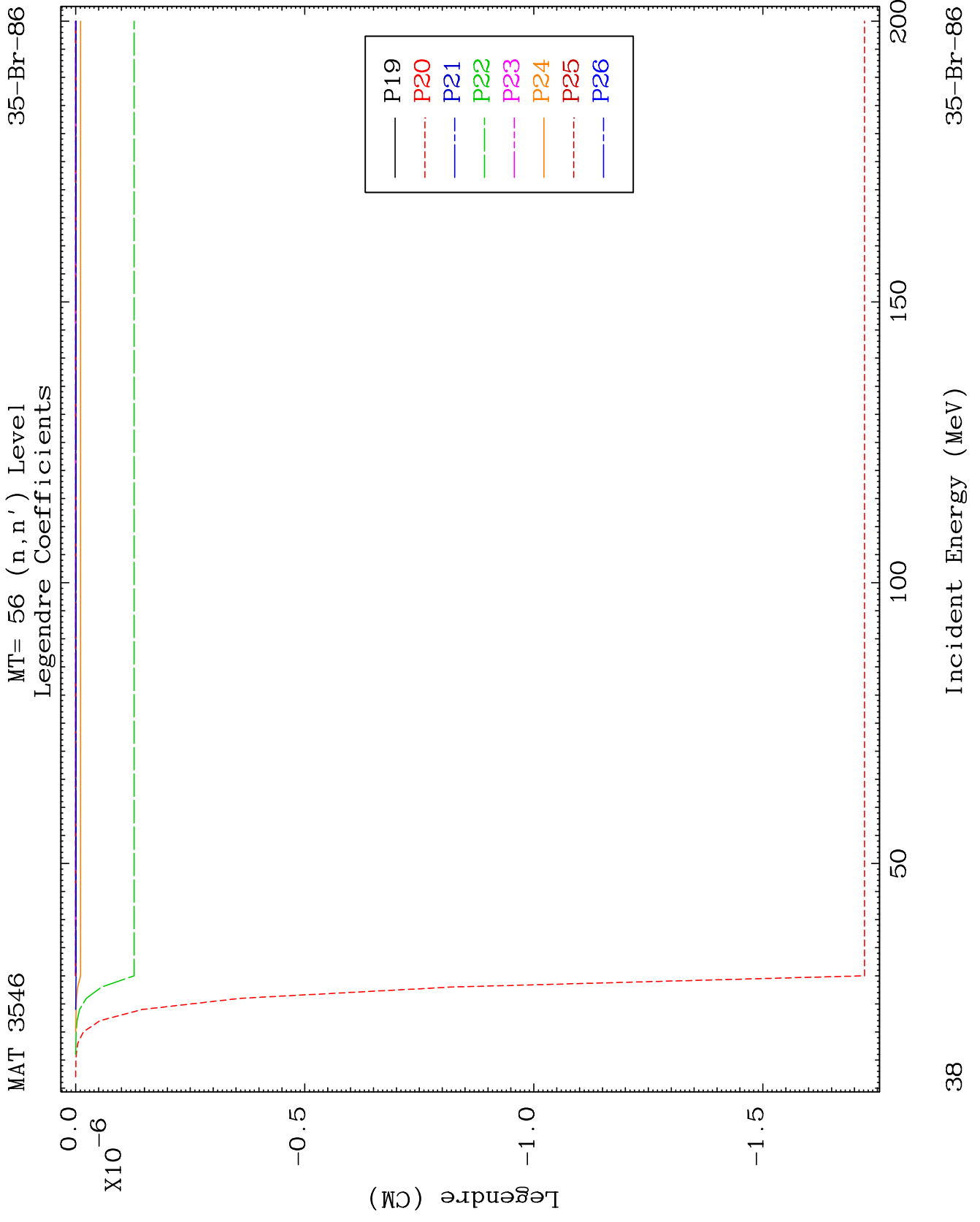
35-Br-86

MAT 3546

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

35-Br-86

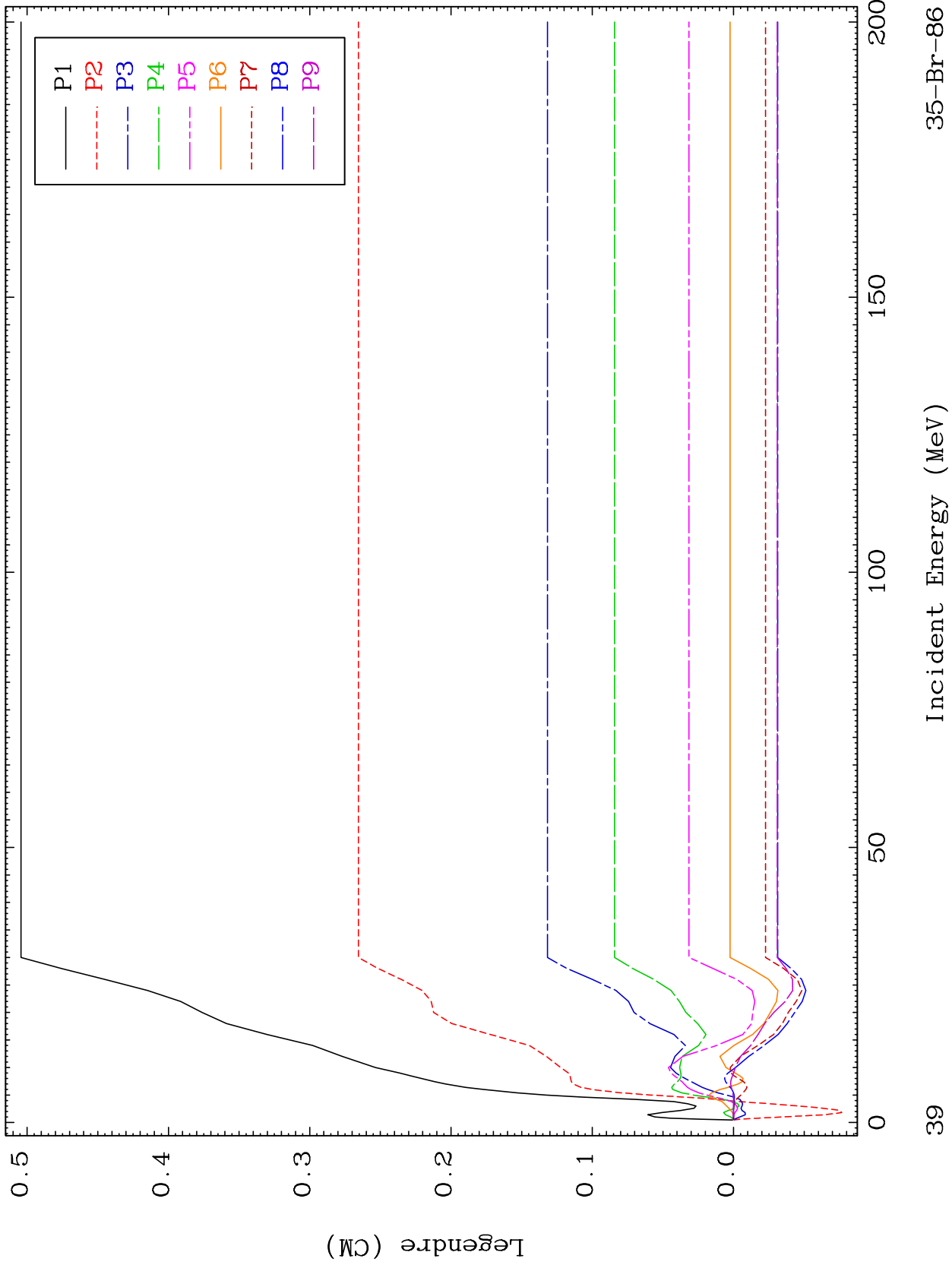




MAT 3546

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

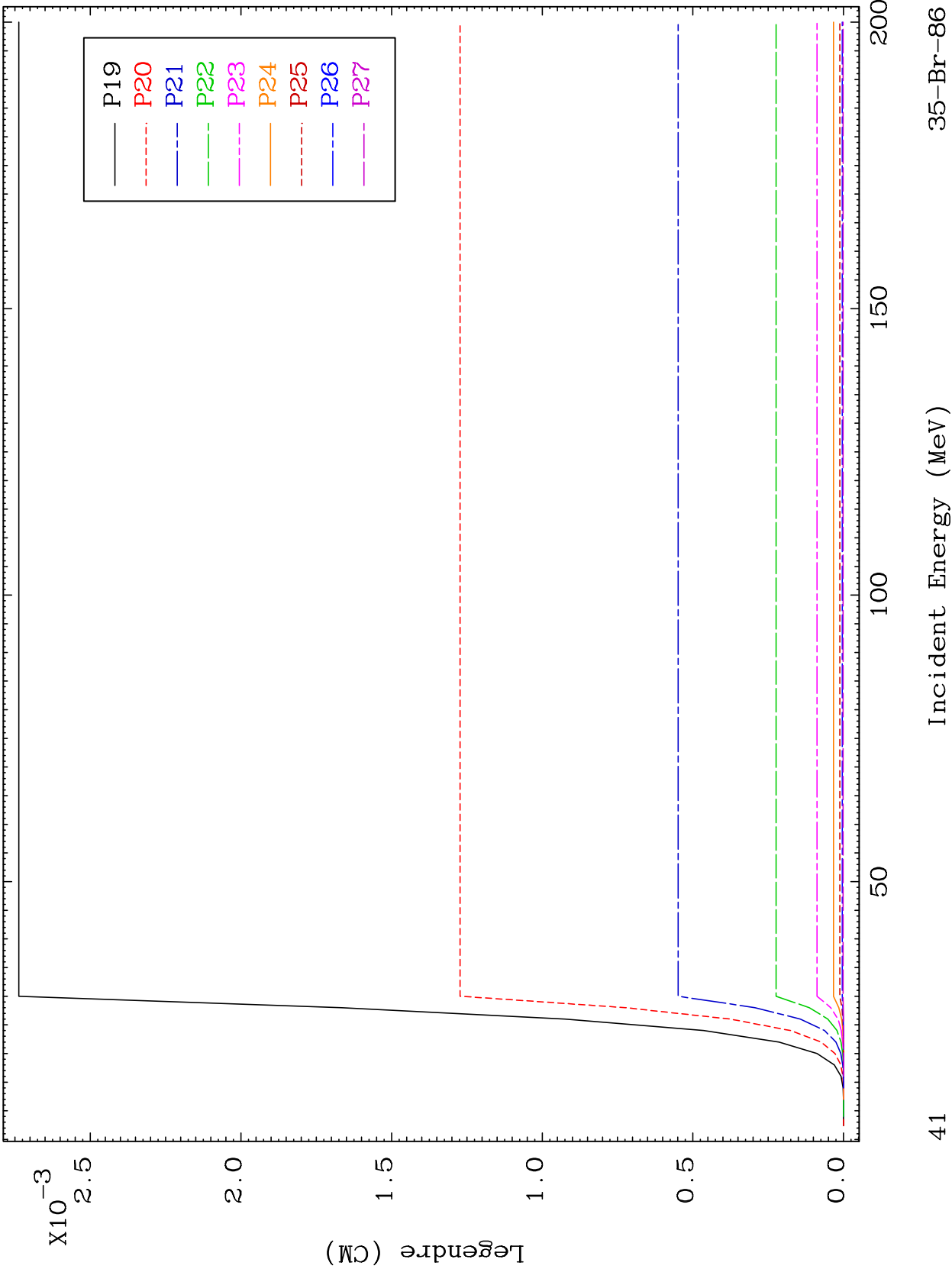
35-Br-86



35-Br-86

Incident Energy (MeV)

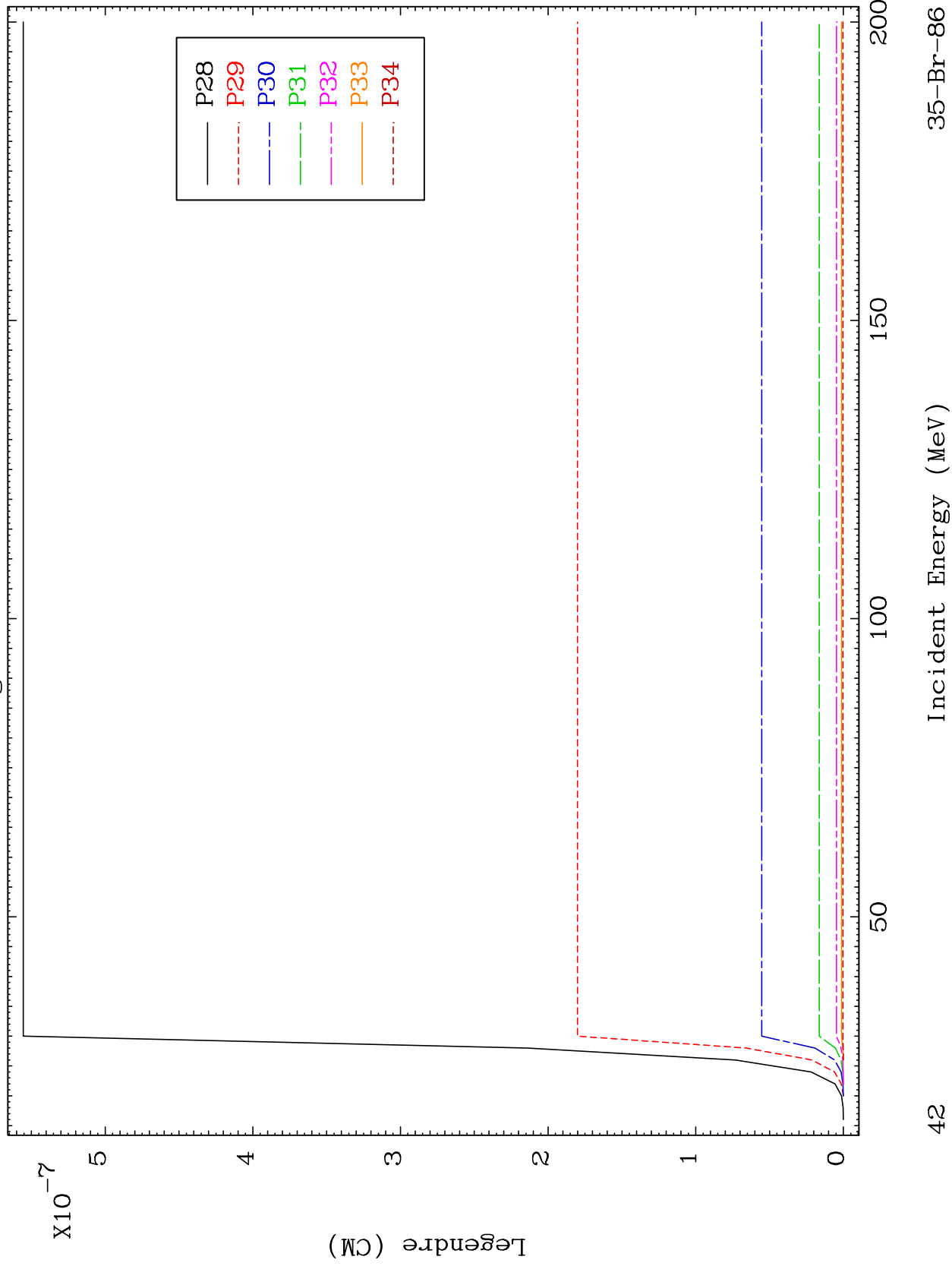
39



MAT 3546

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

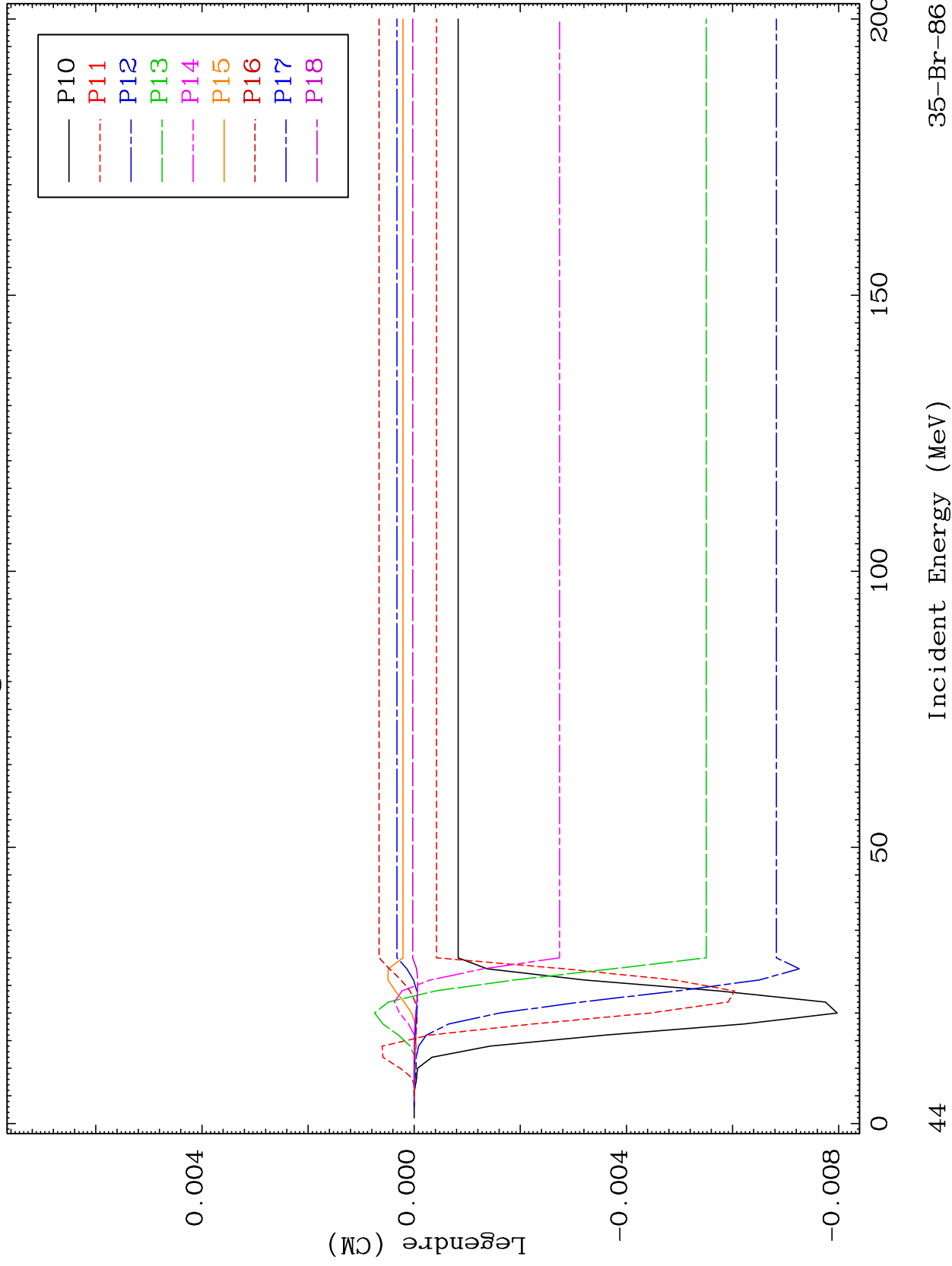
35-Br-86



MAT 3546

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

35-Br-86



44

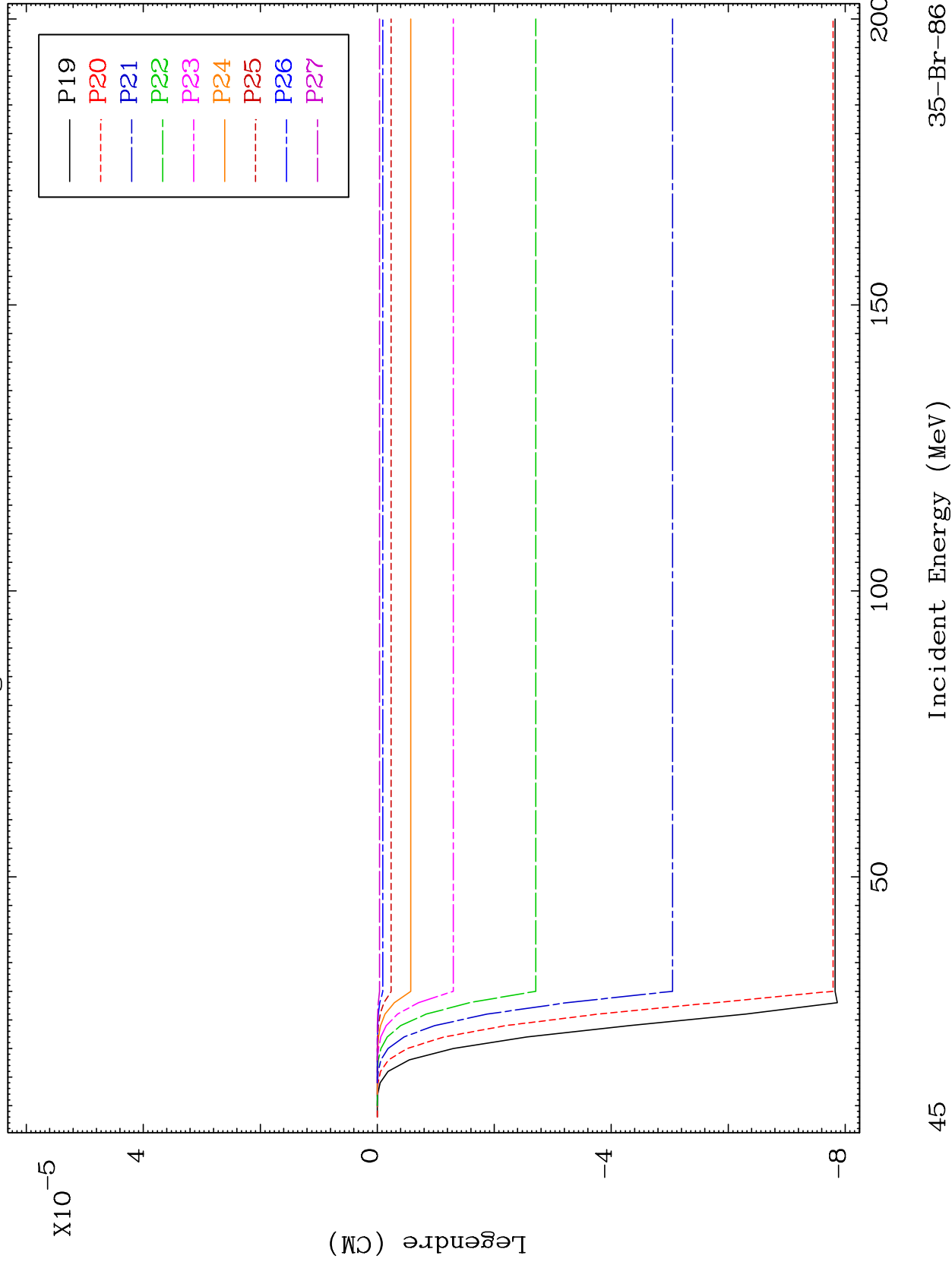
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86

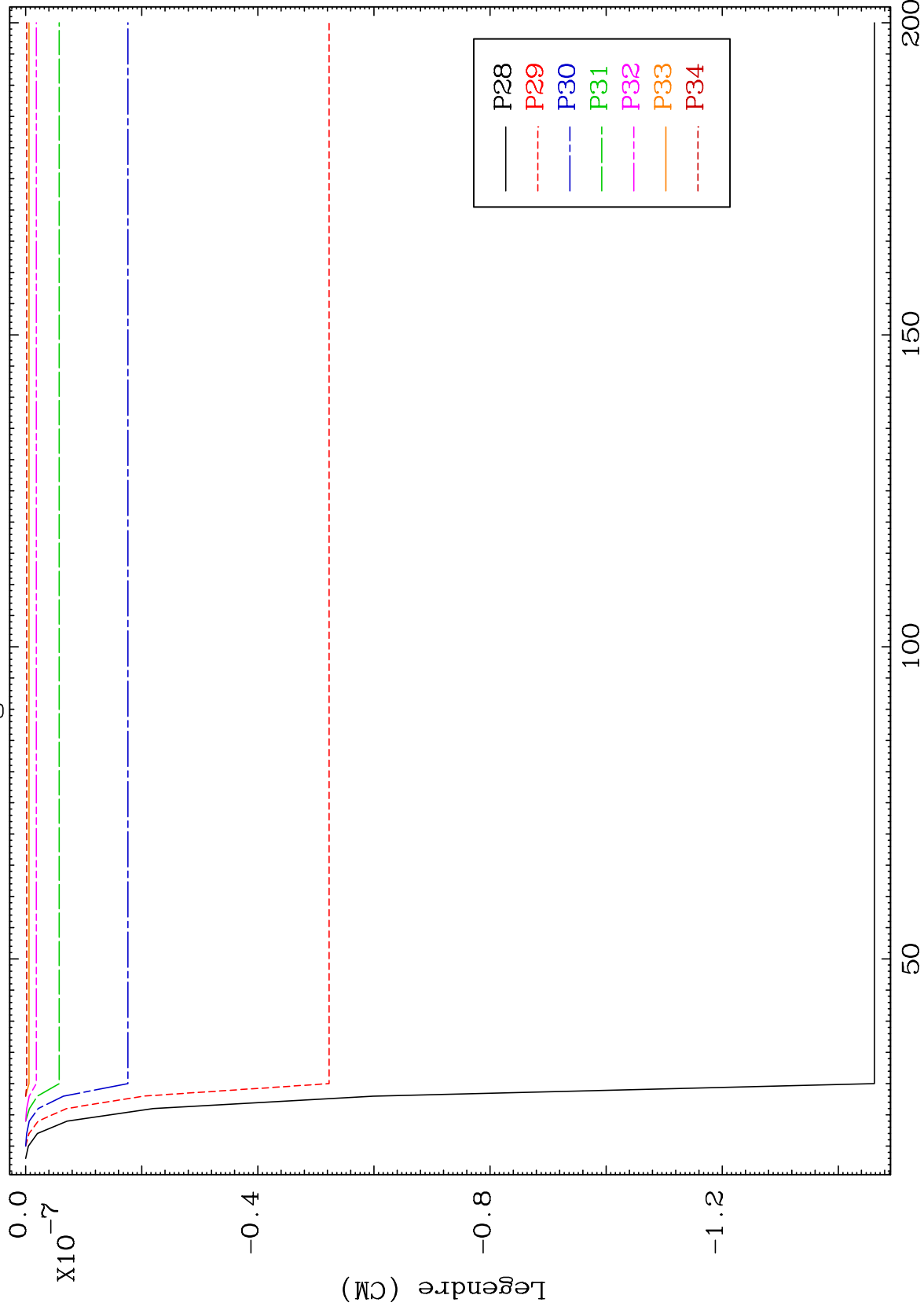


MAT 3546

MT= 58 (n,n') Level

35-Br-86

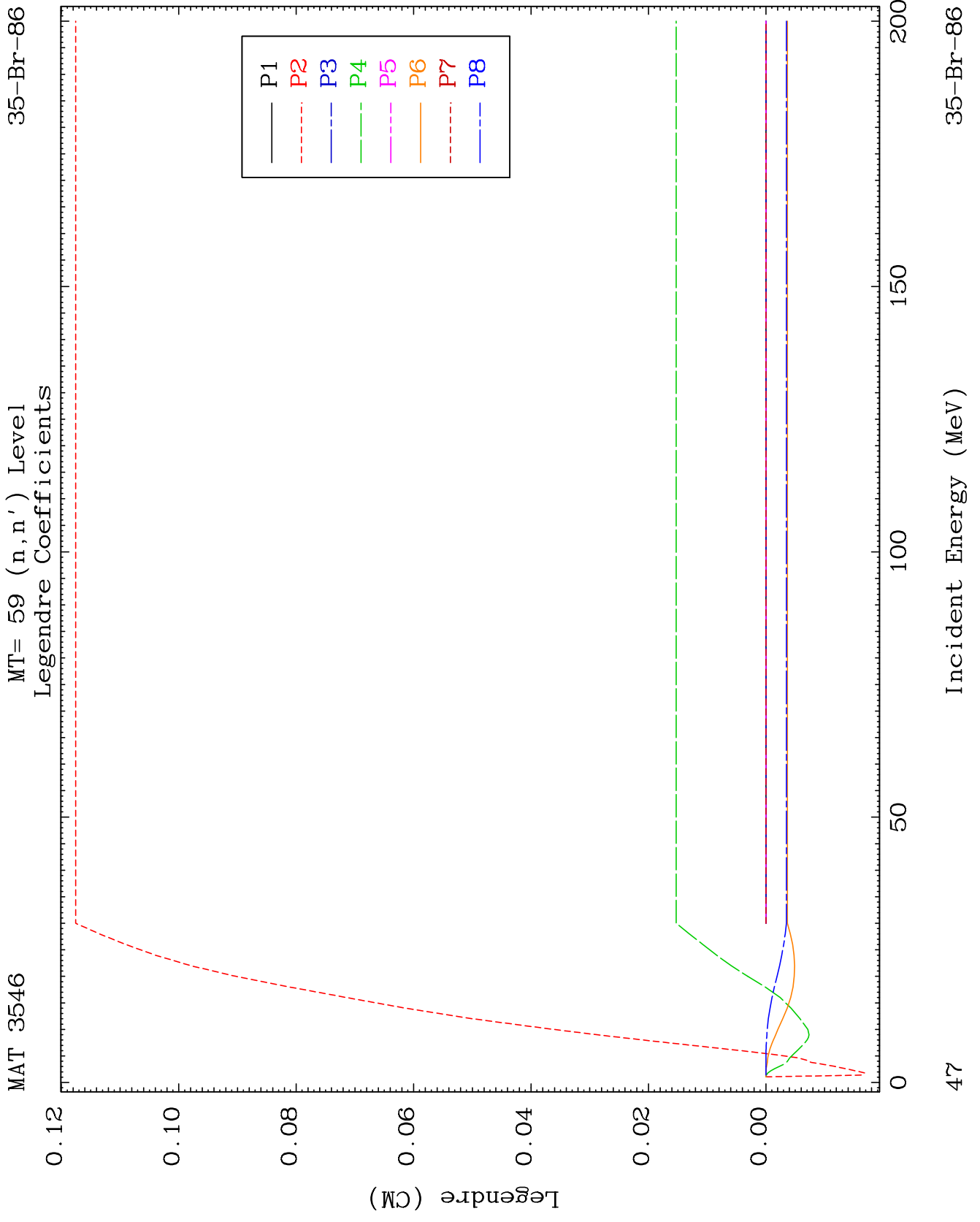
Legendre Coefficients

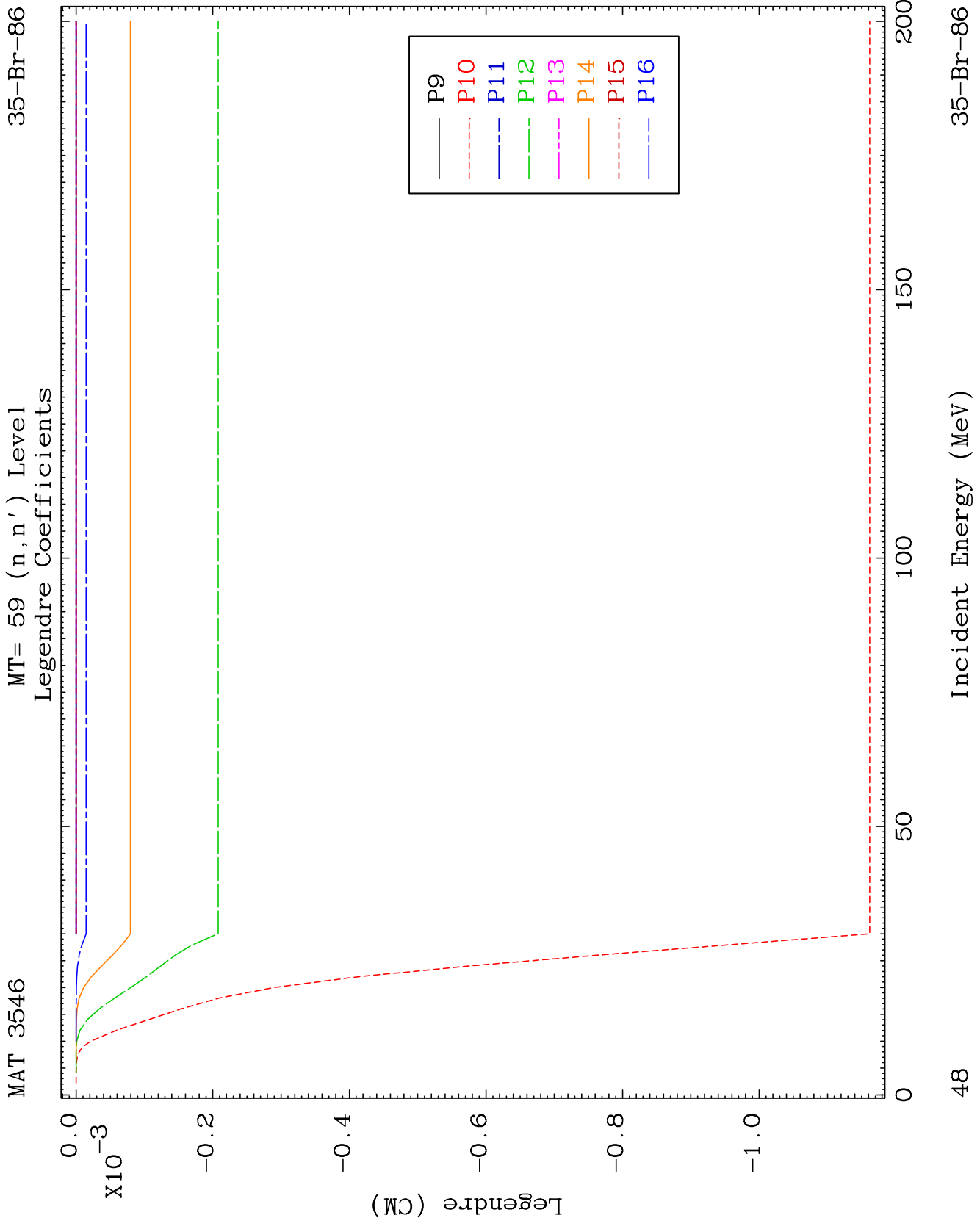


46

Incident Energy (MeV)

35-Br-86

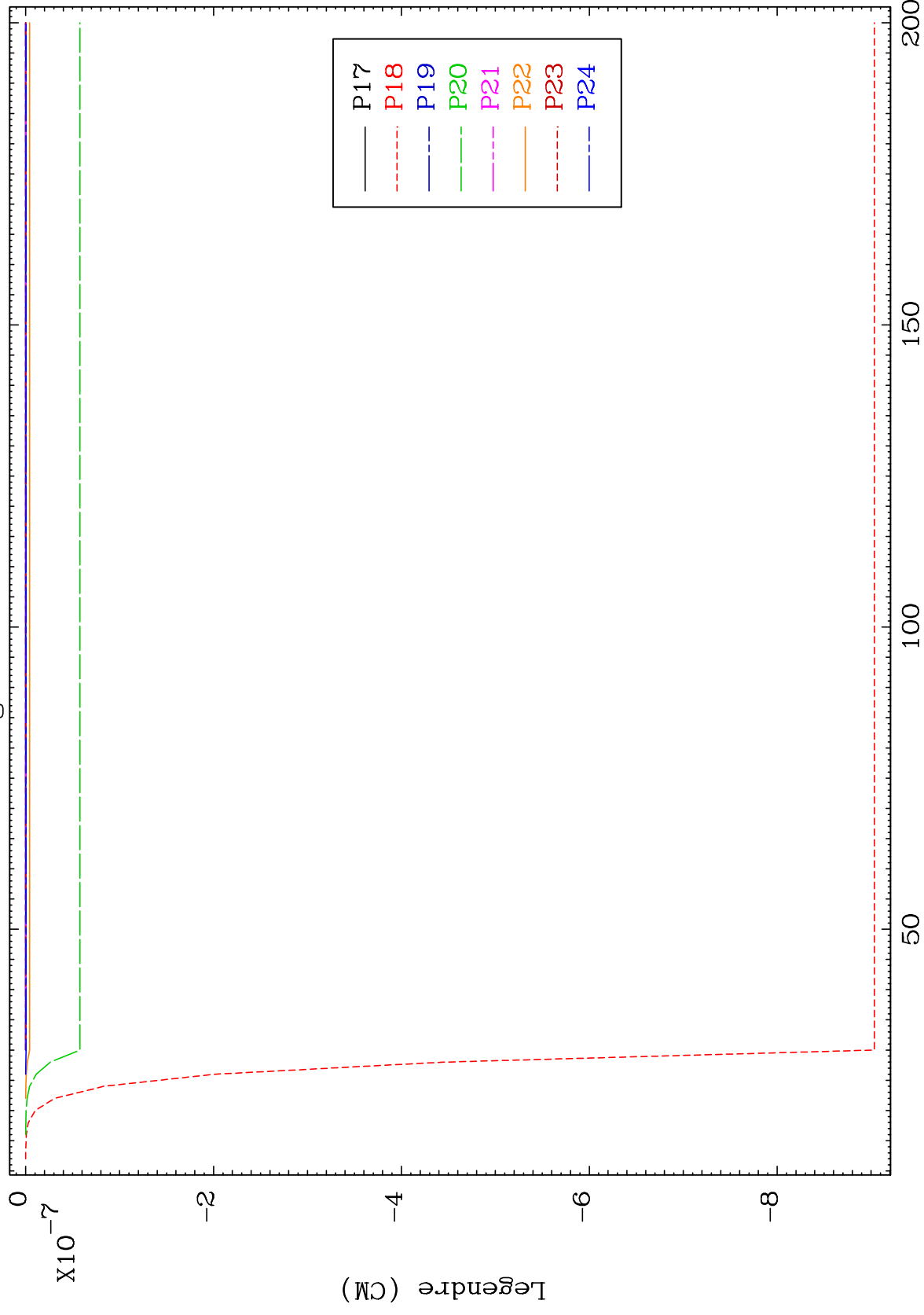




MAT 3546

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

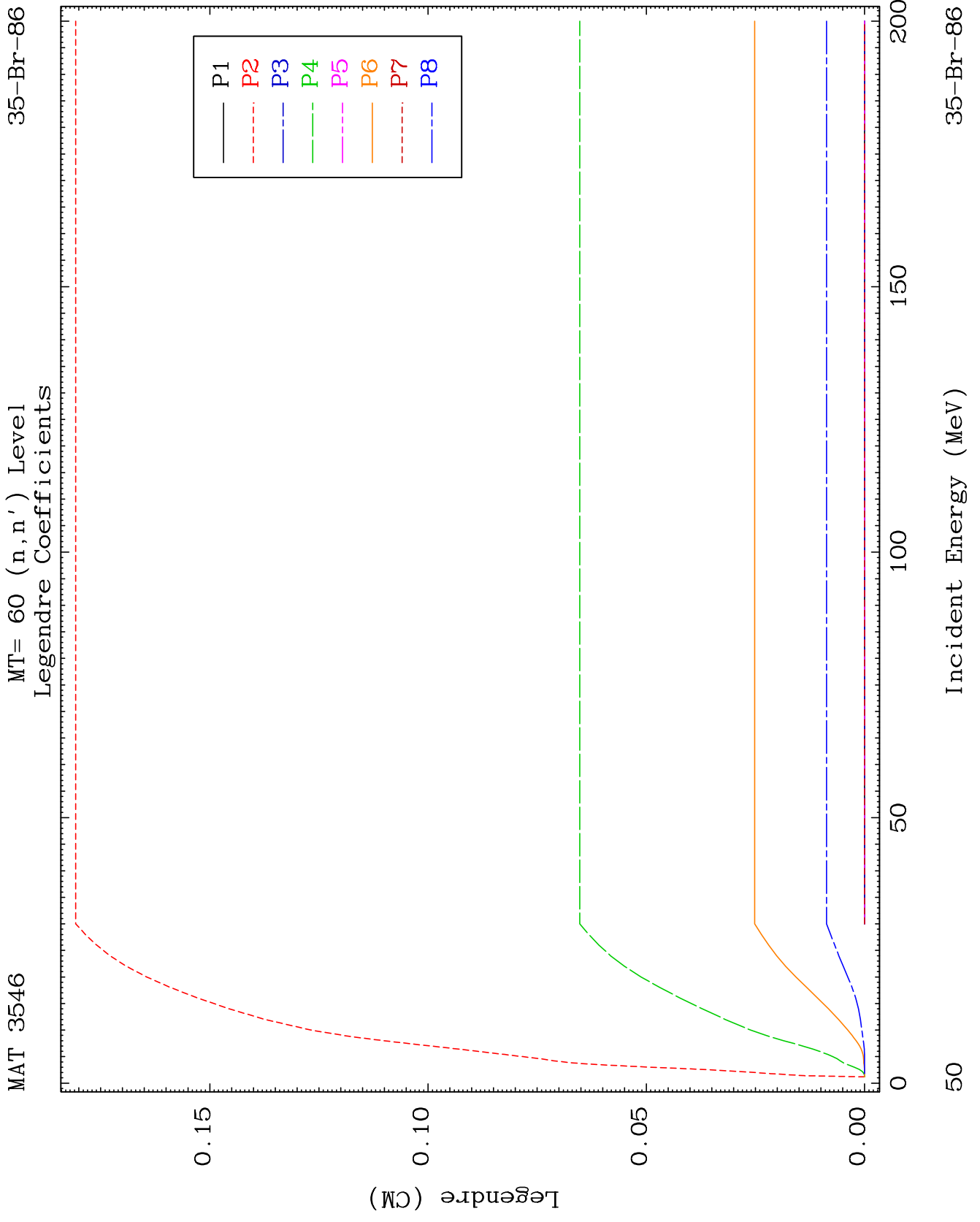
35-Br-86



35-Br-86

Incident Energy (MeV)

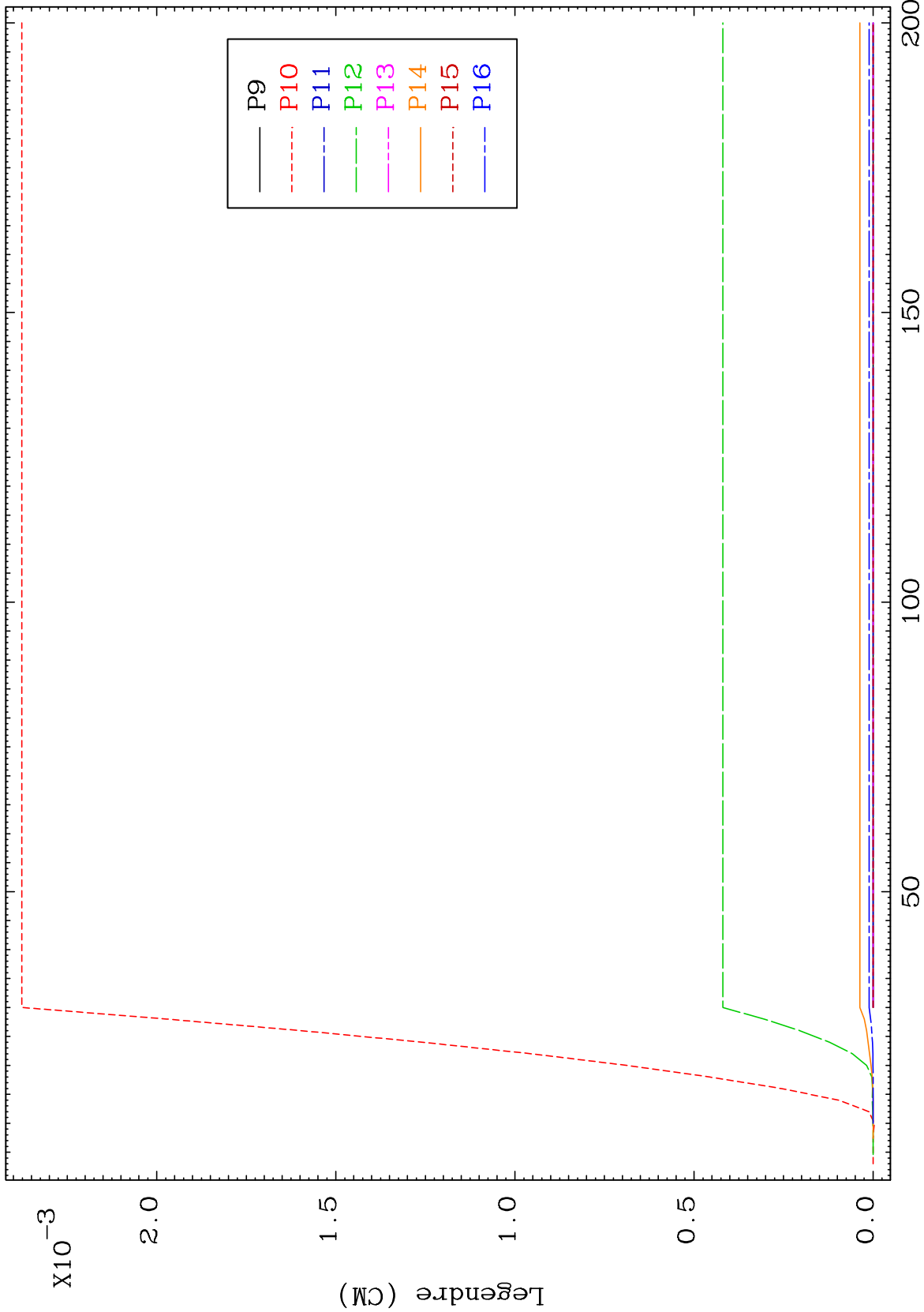
49



MAT 3546

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

35-Br-86



51

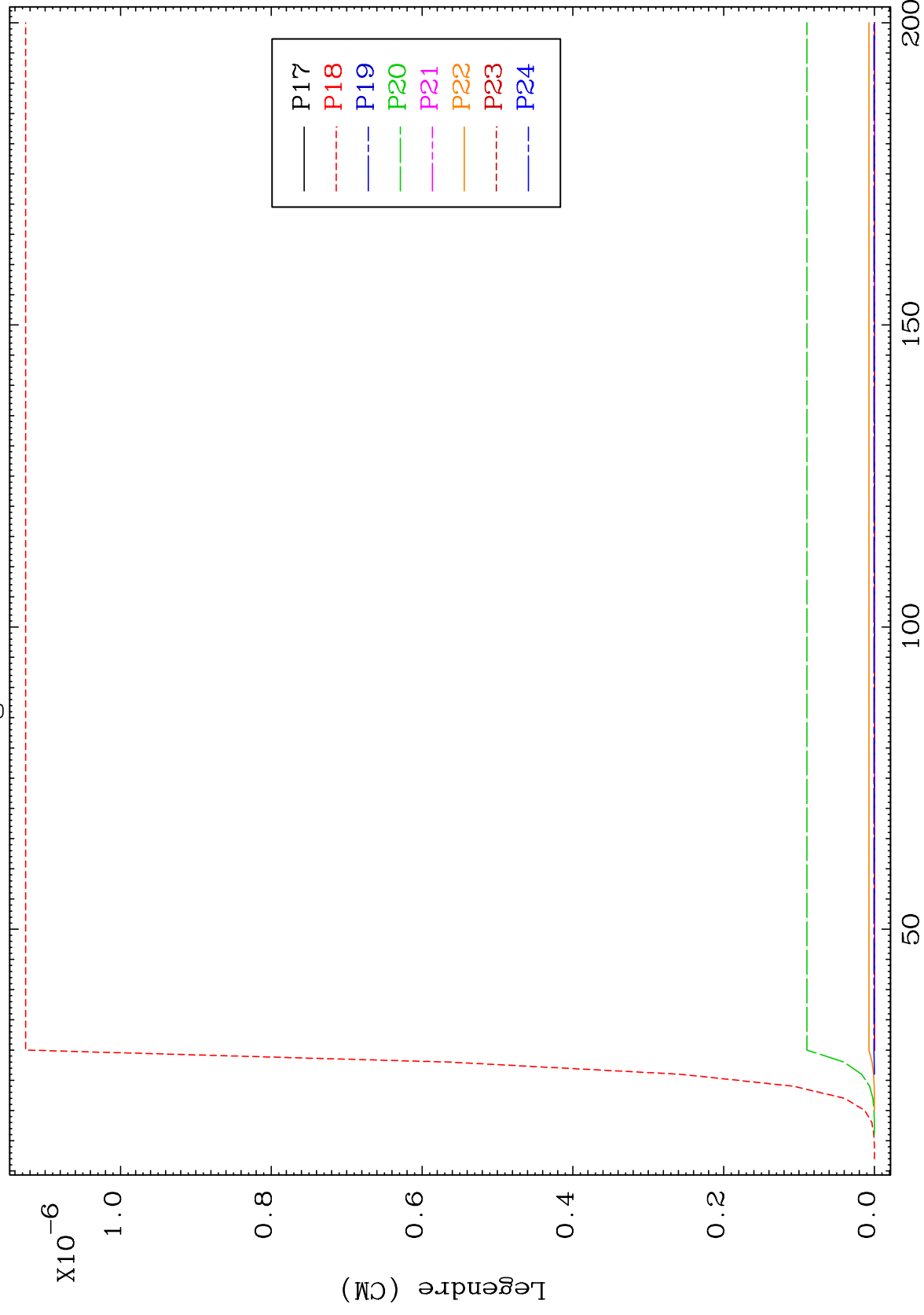
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86



35-Br-86

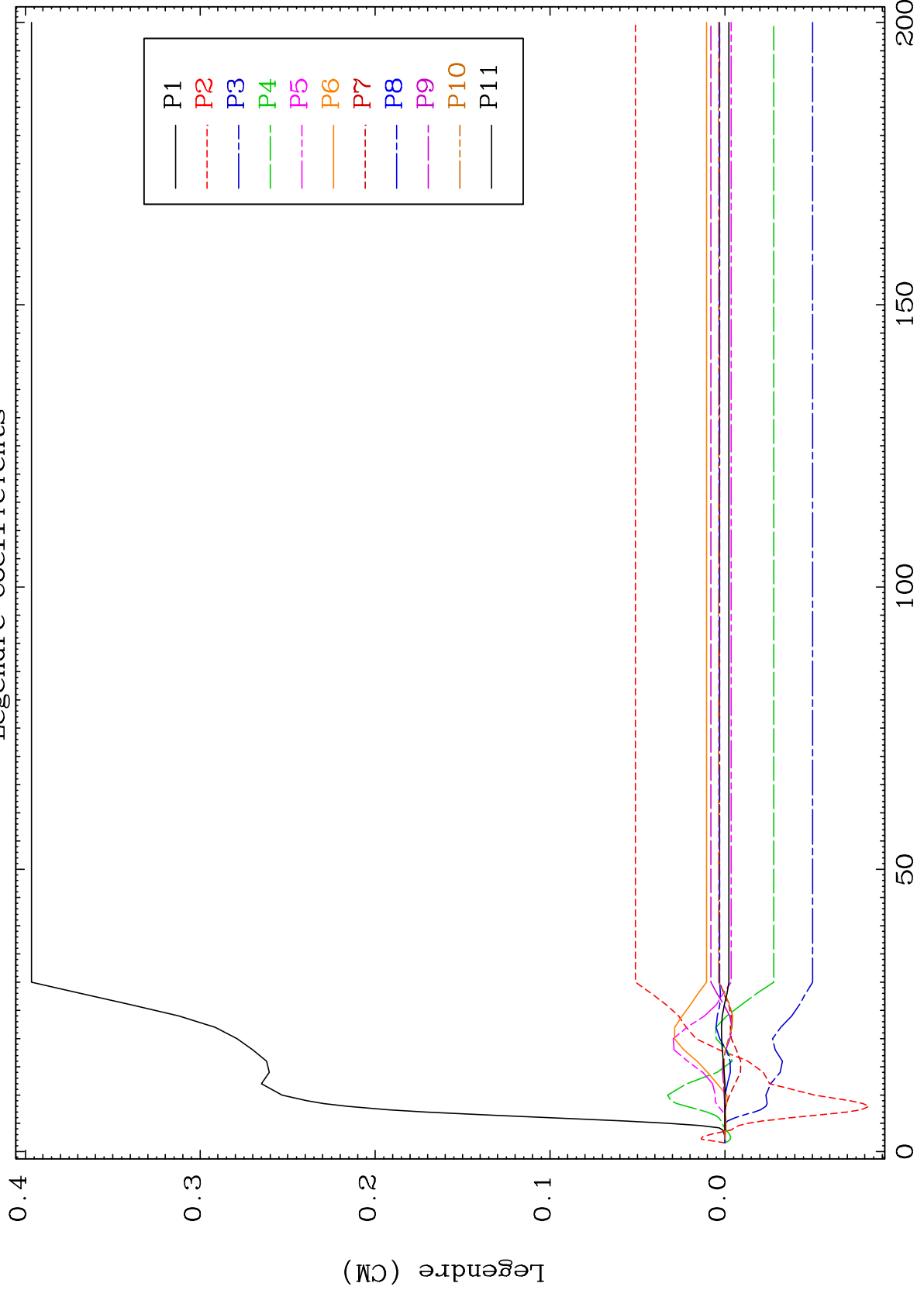
Incident Energy (MeV)

52

MAT 3546

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

35-Br-86



53

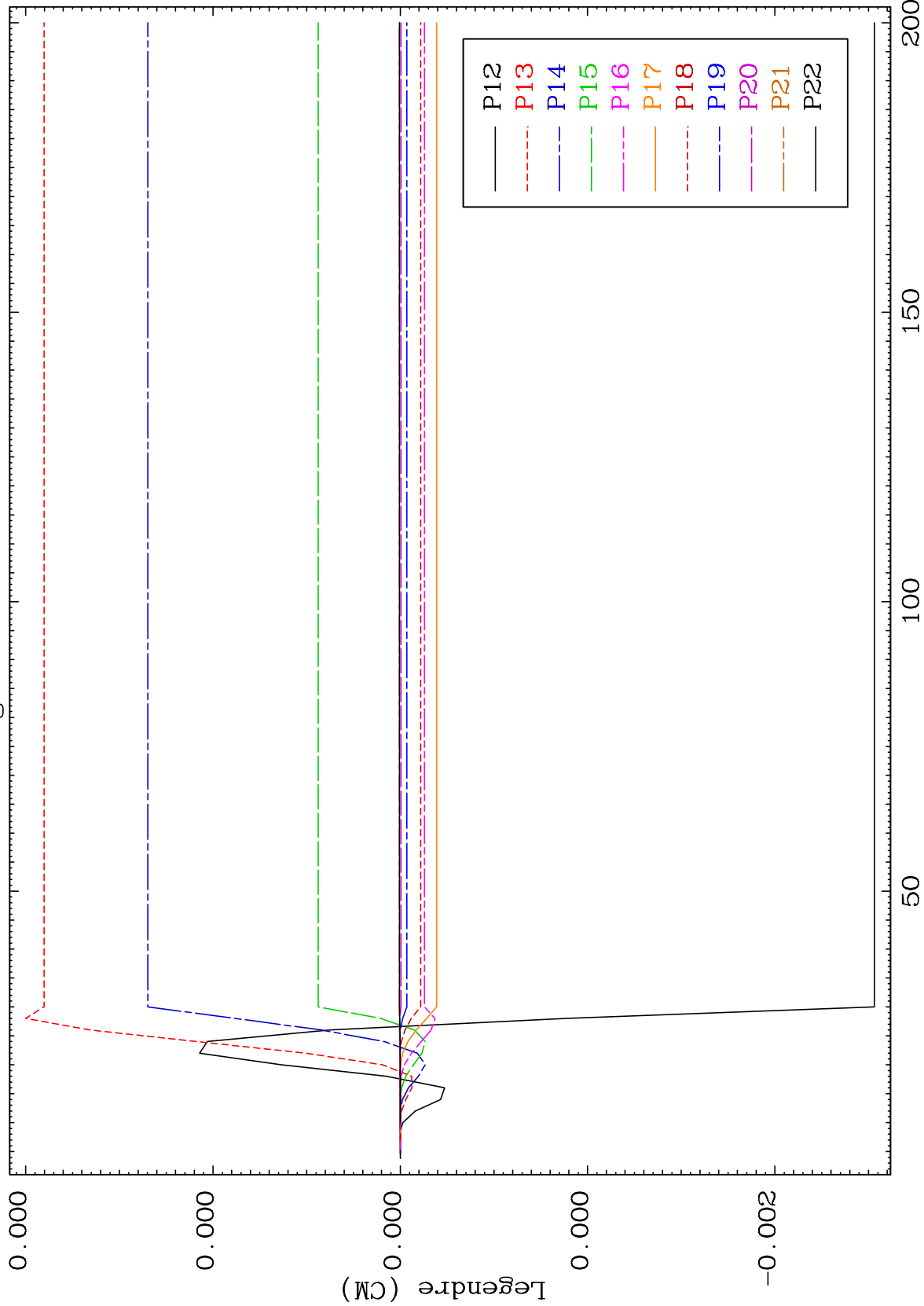
Incident Energy (MeV)

35-Br-86

MAT 3546

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

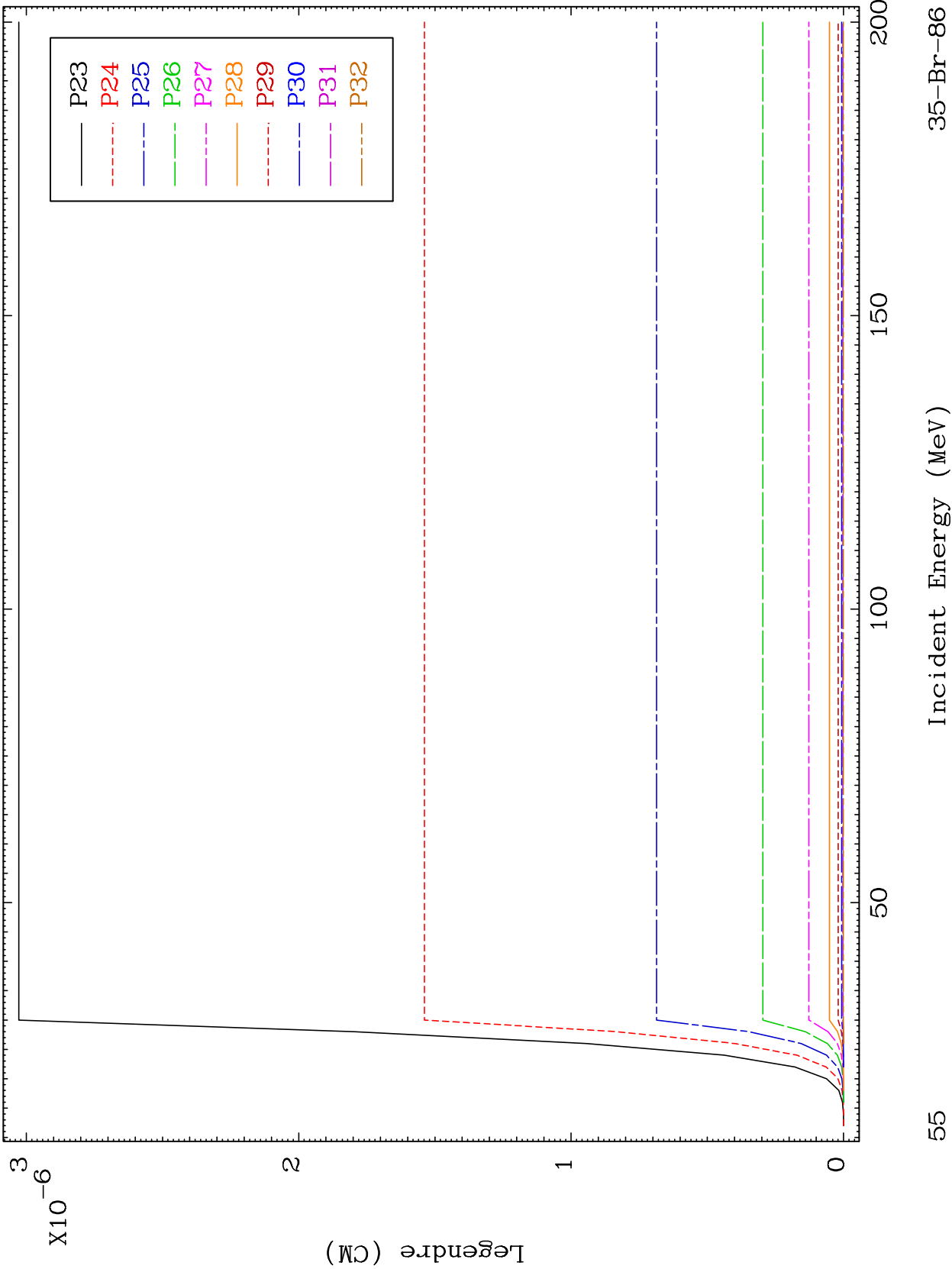
35-Br-86



MAT 3546

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

35-Br-86



55

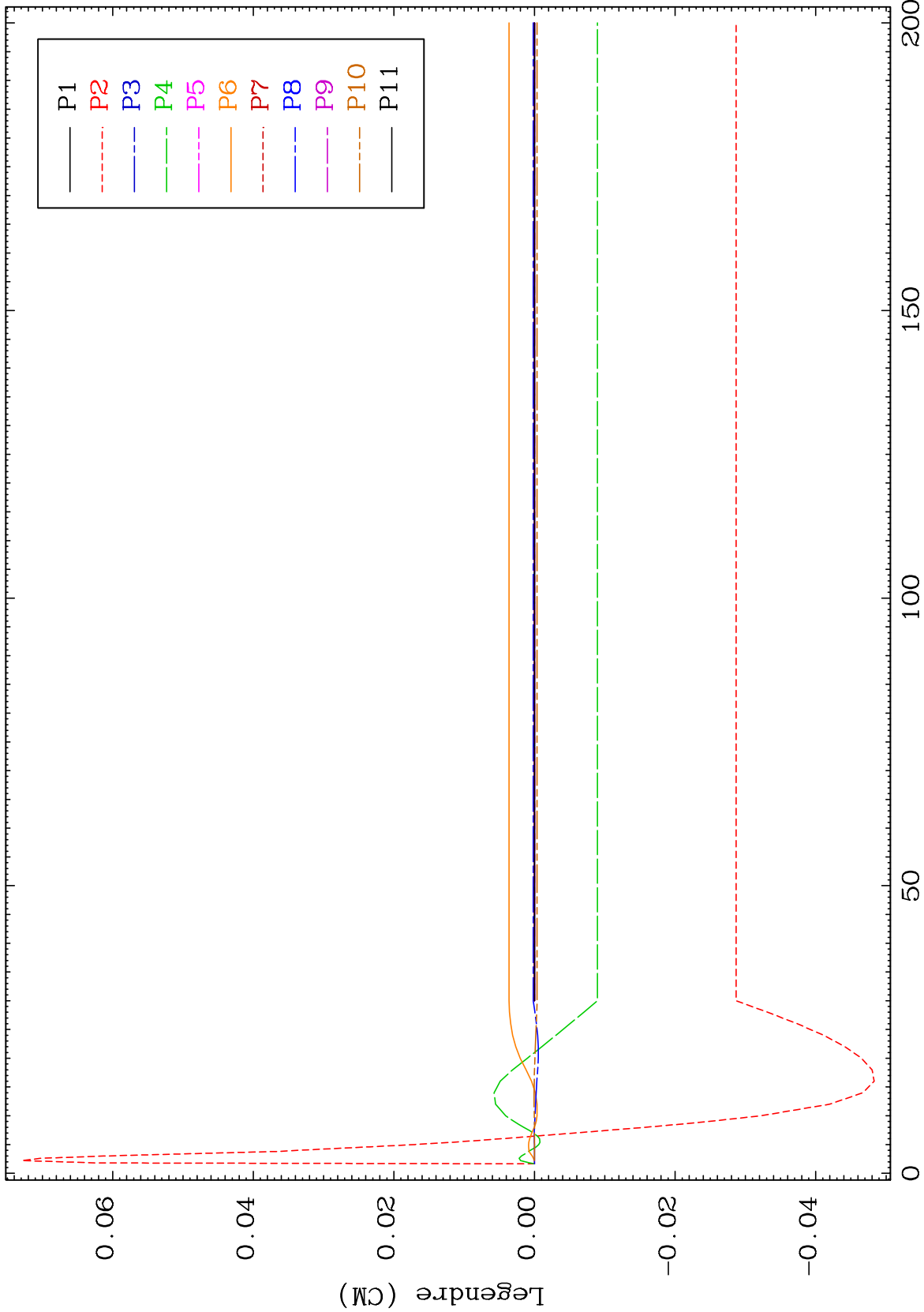
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86



56

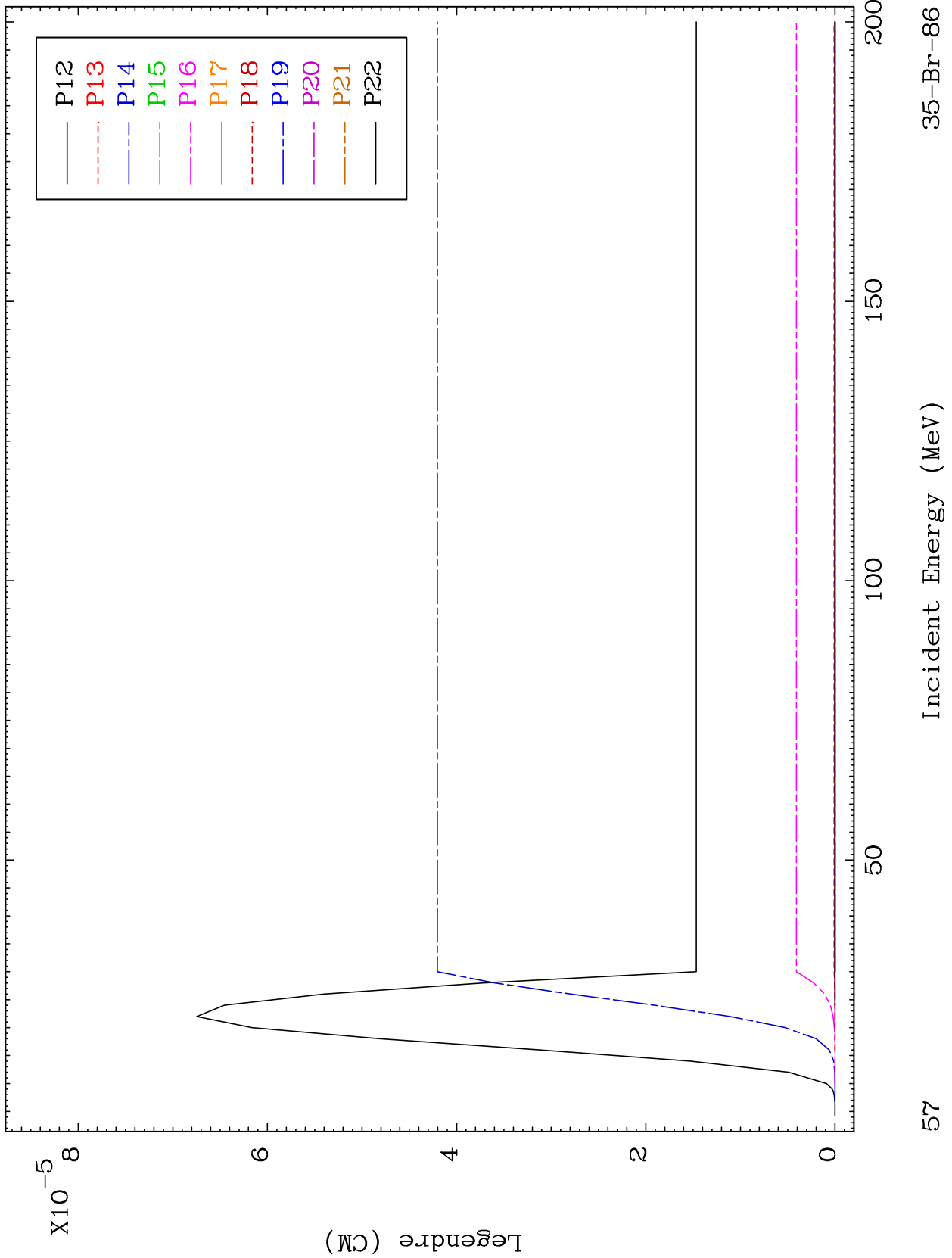
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86



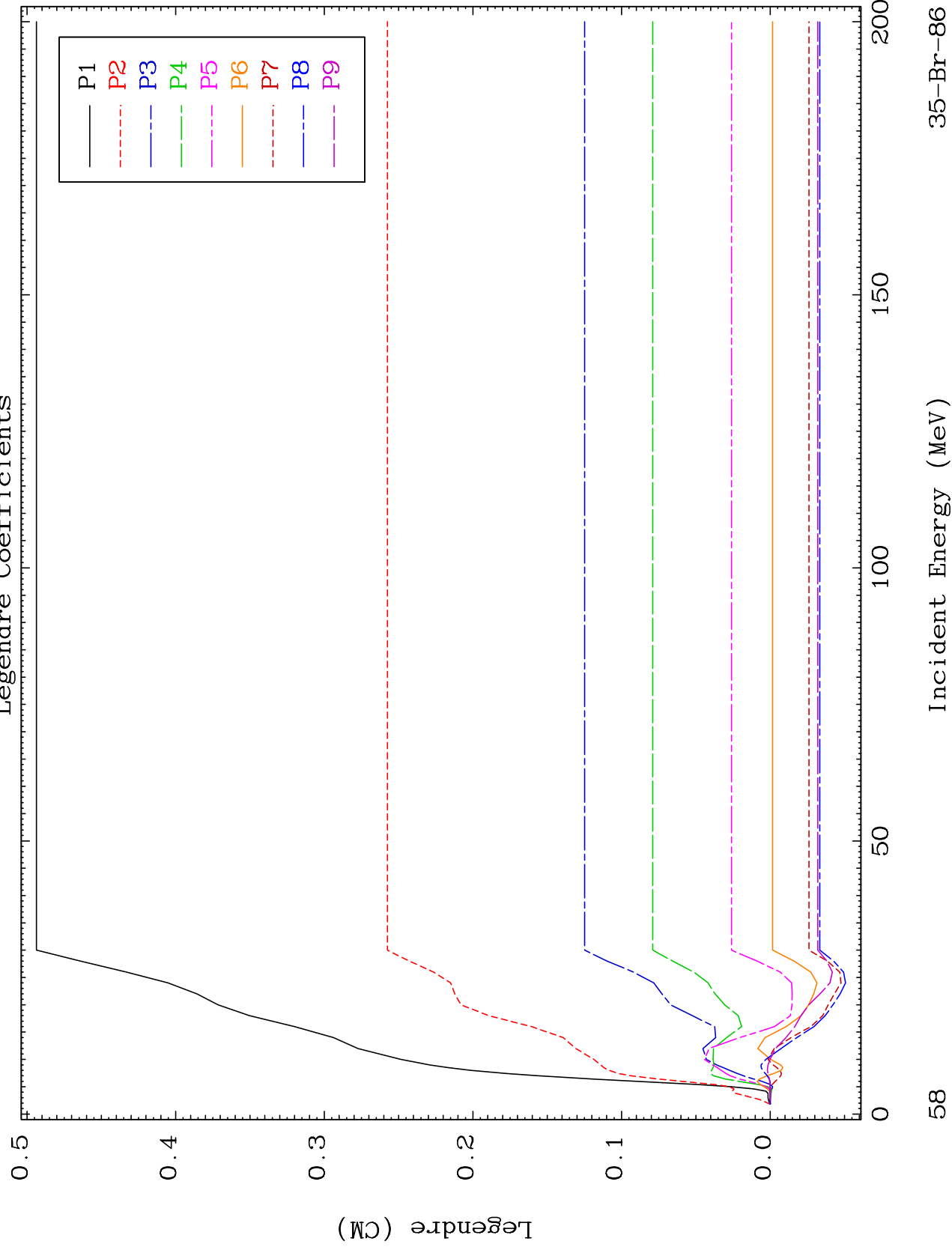
57

35-Br-86

MAT 3546

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

35-Br-86



58

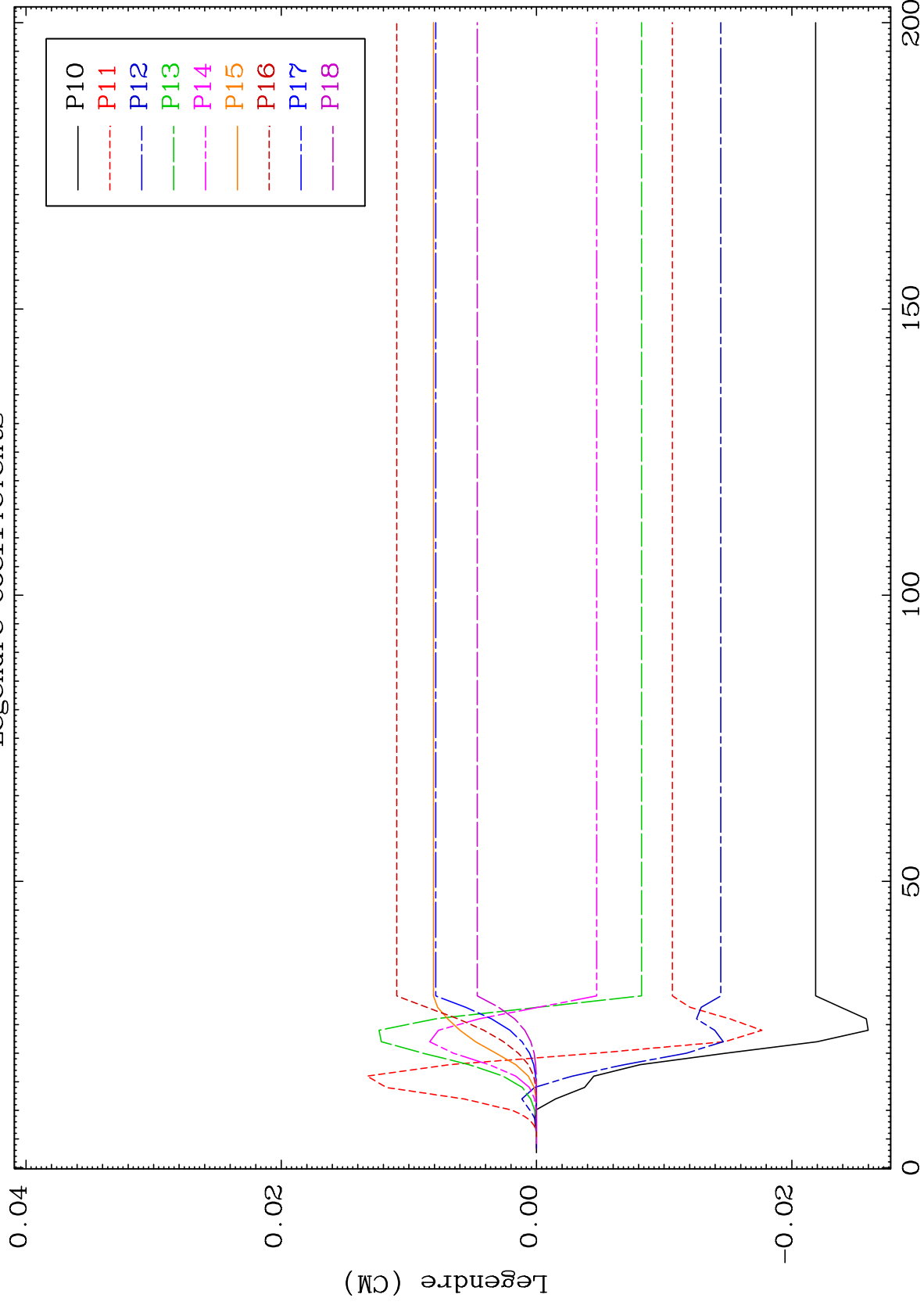
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86



59

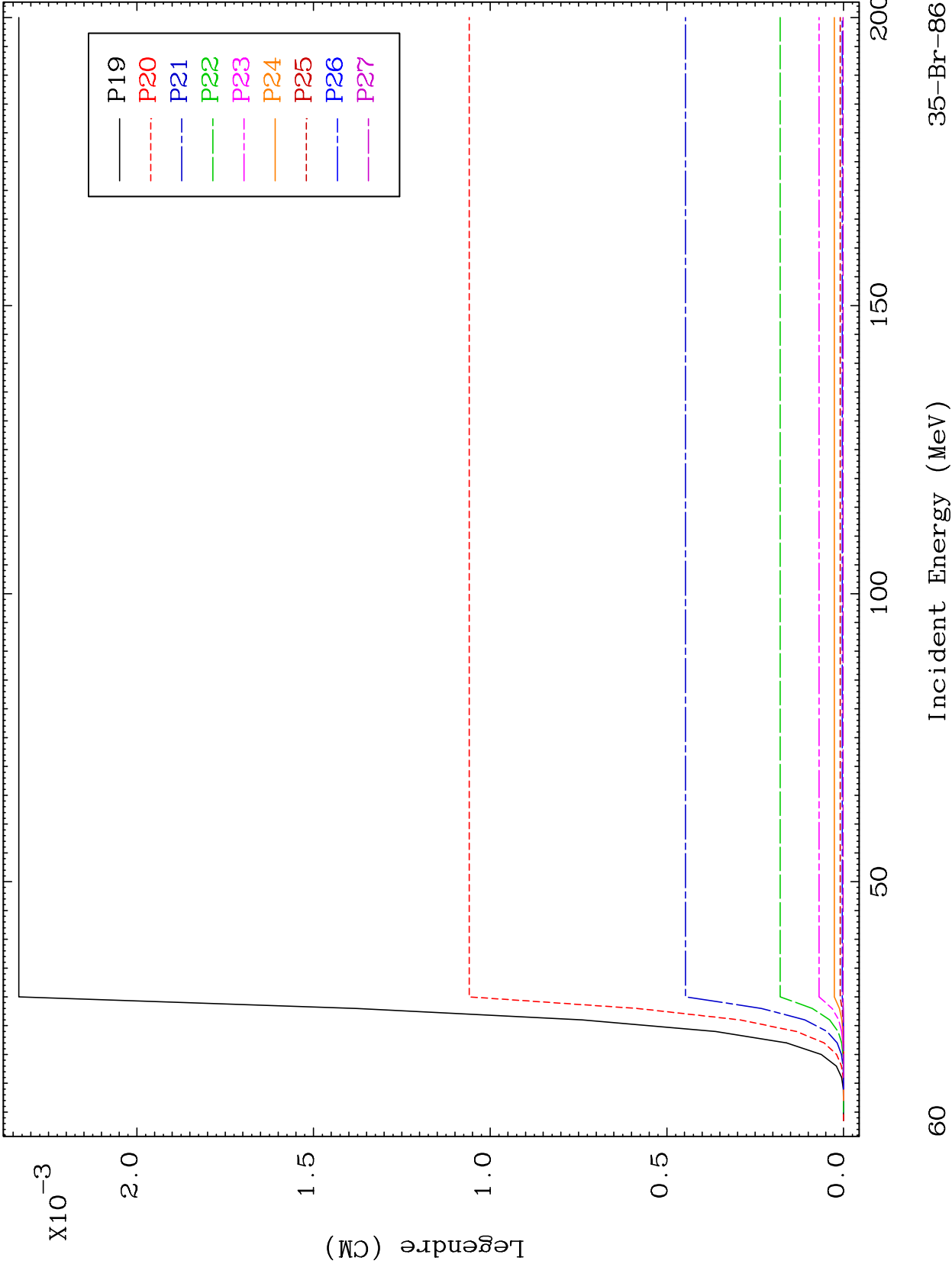
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86



60

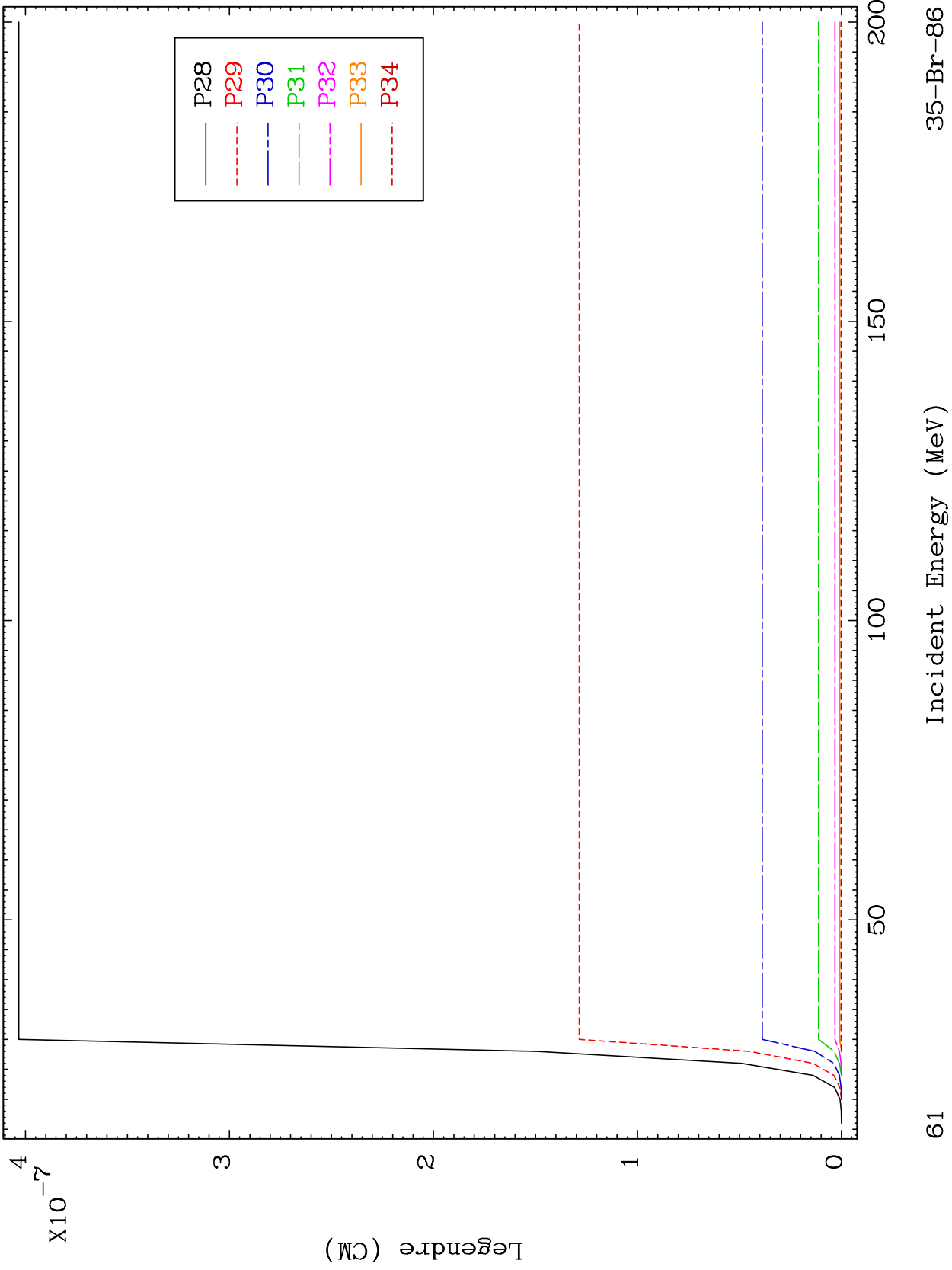
Incident Energy (MeV)

35-Br-86

MAT 3546

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

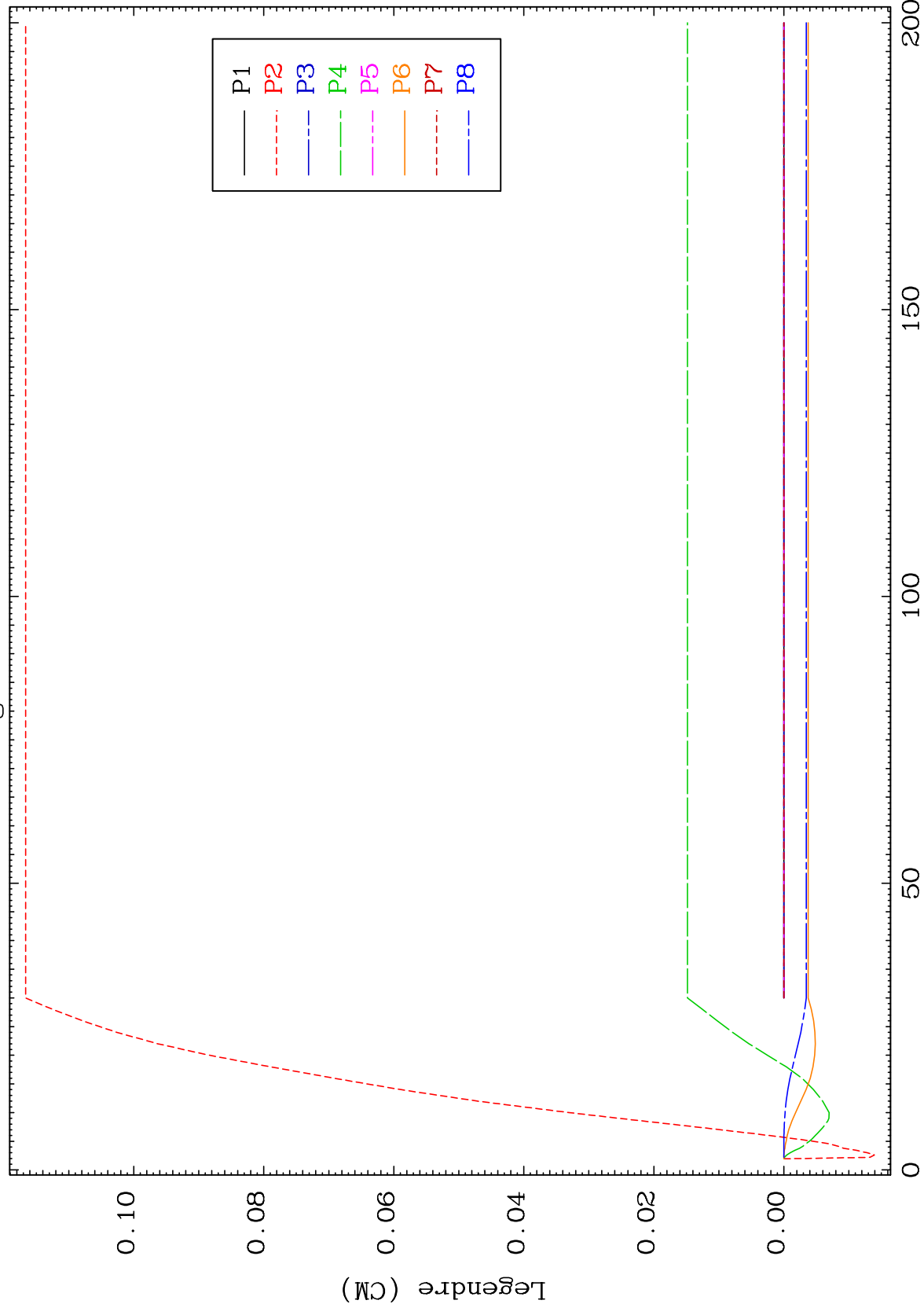
35-Br-86



MAT 3546

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

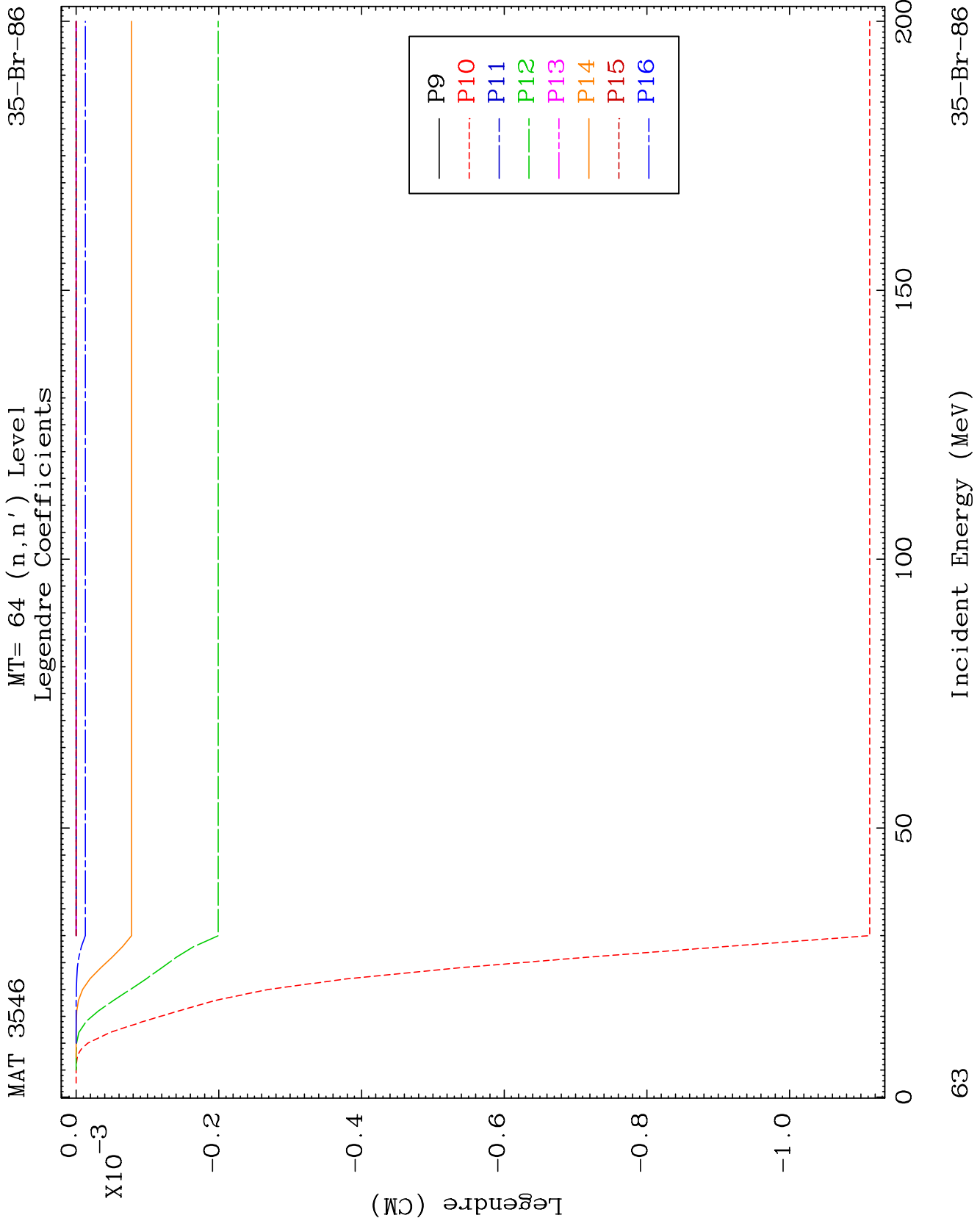
35-Br-86



35-Br-86

Incident Energy (MeV)

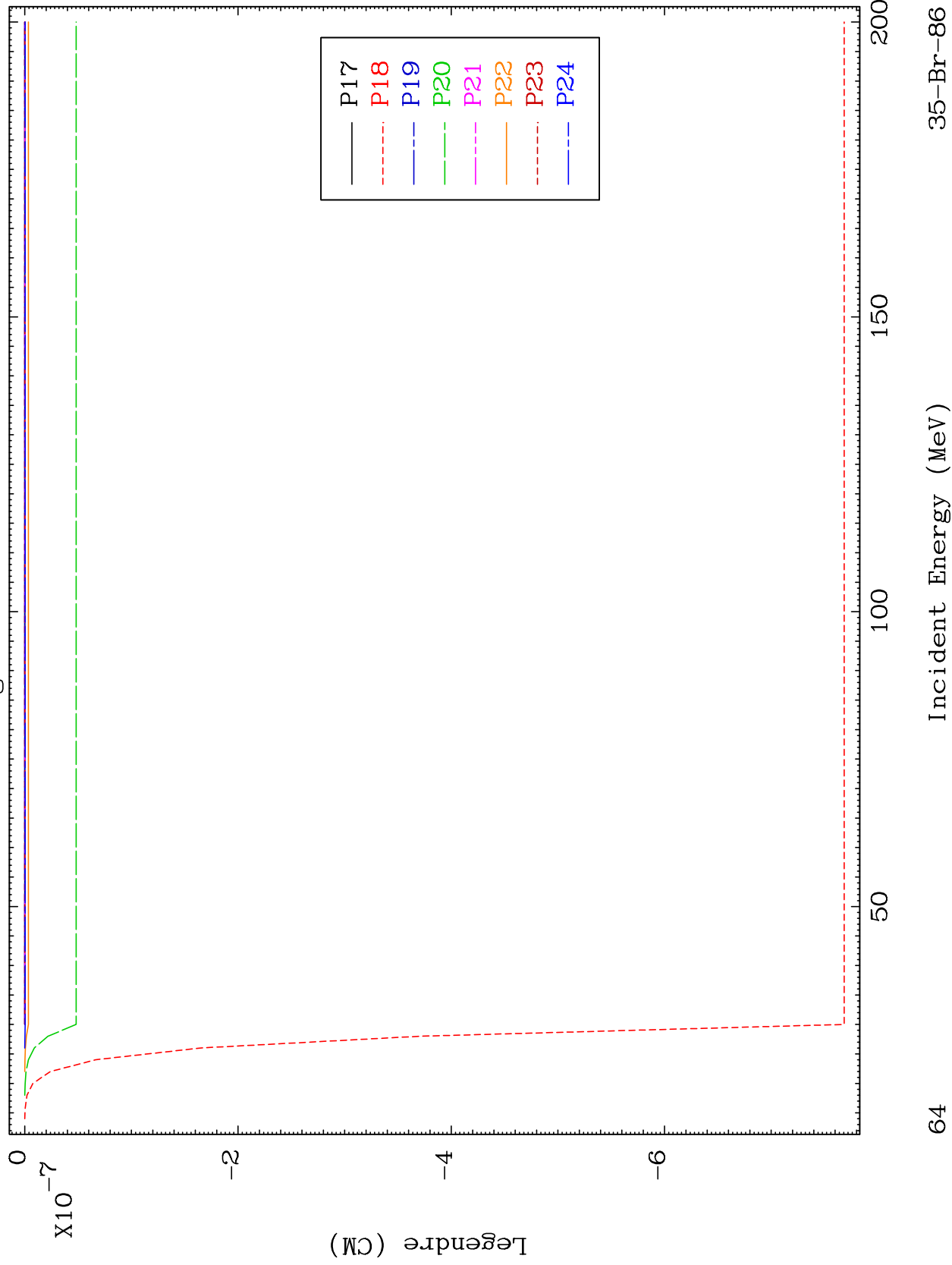
62

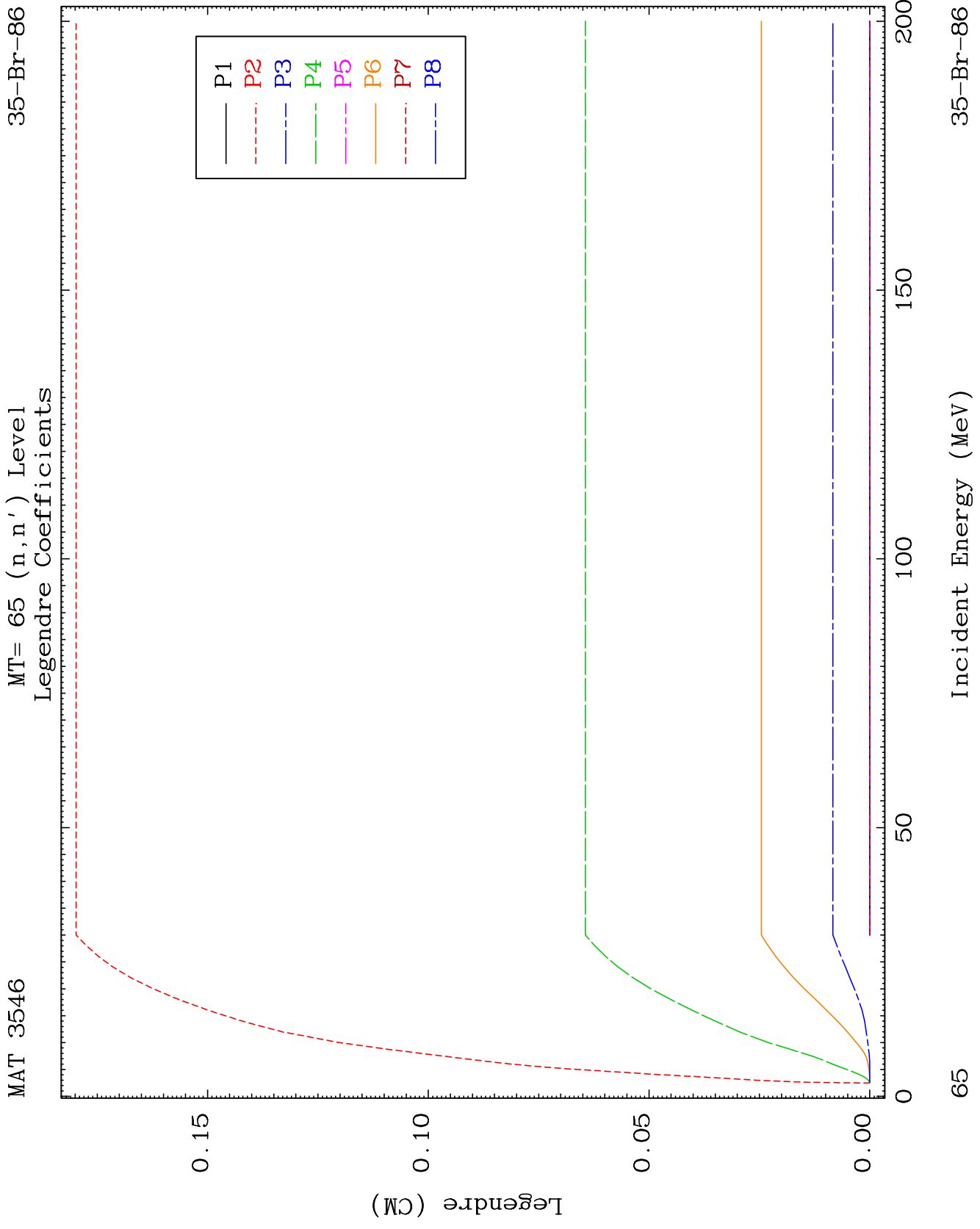


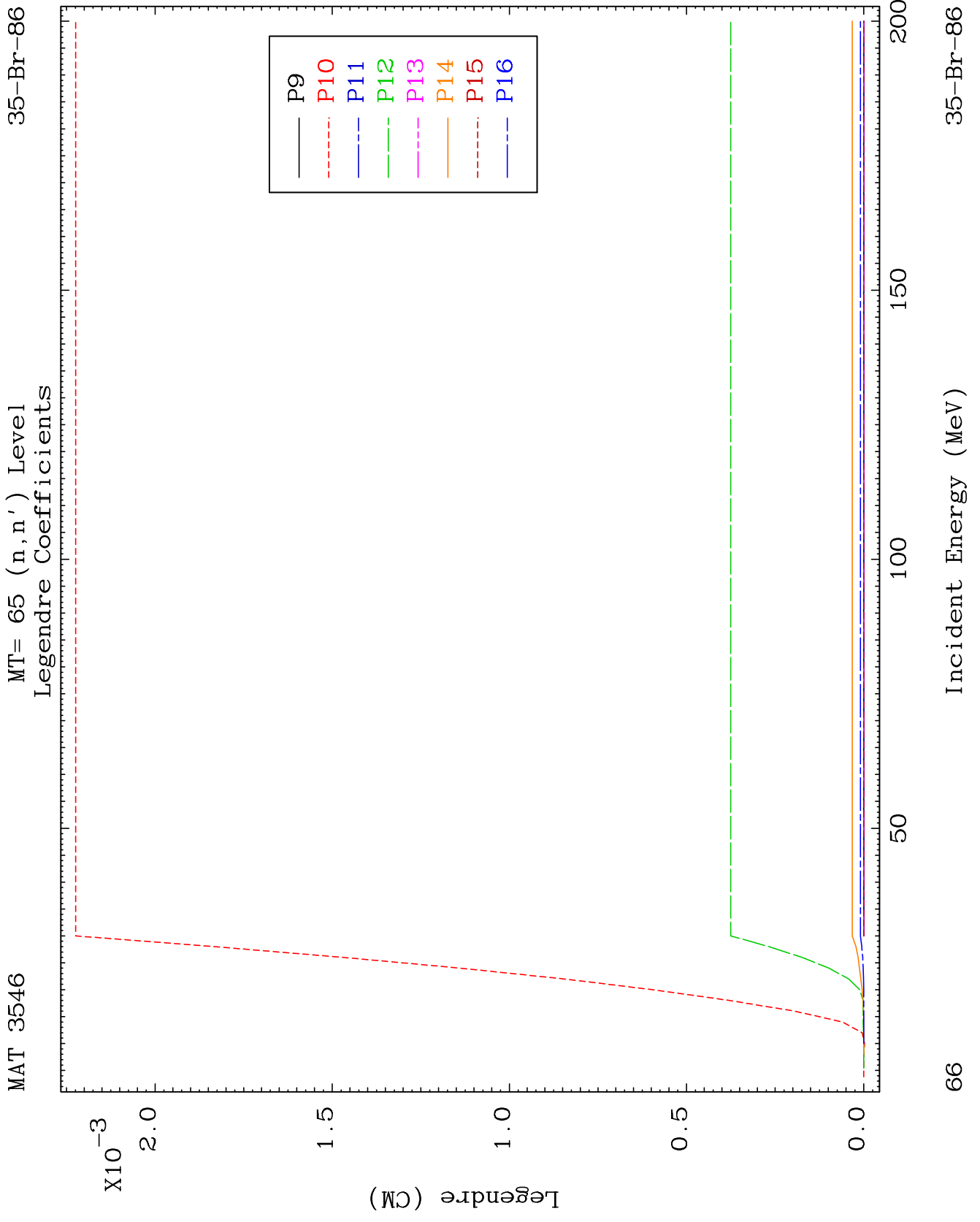
MAT 3546

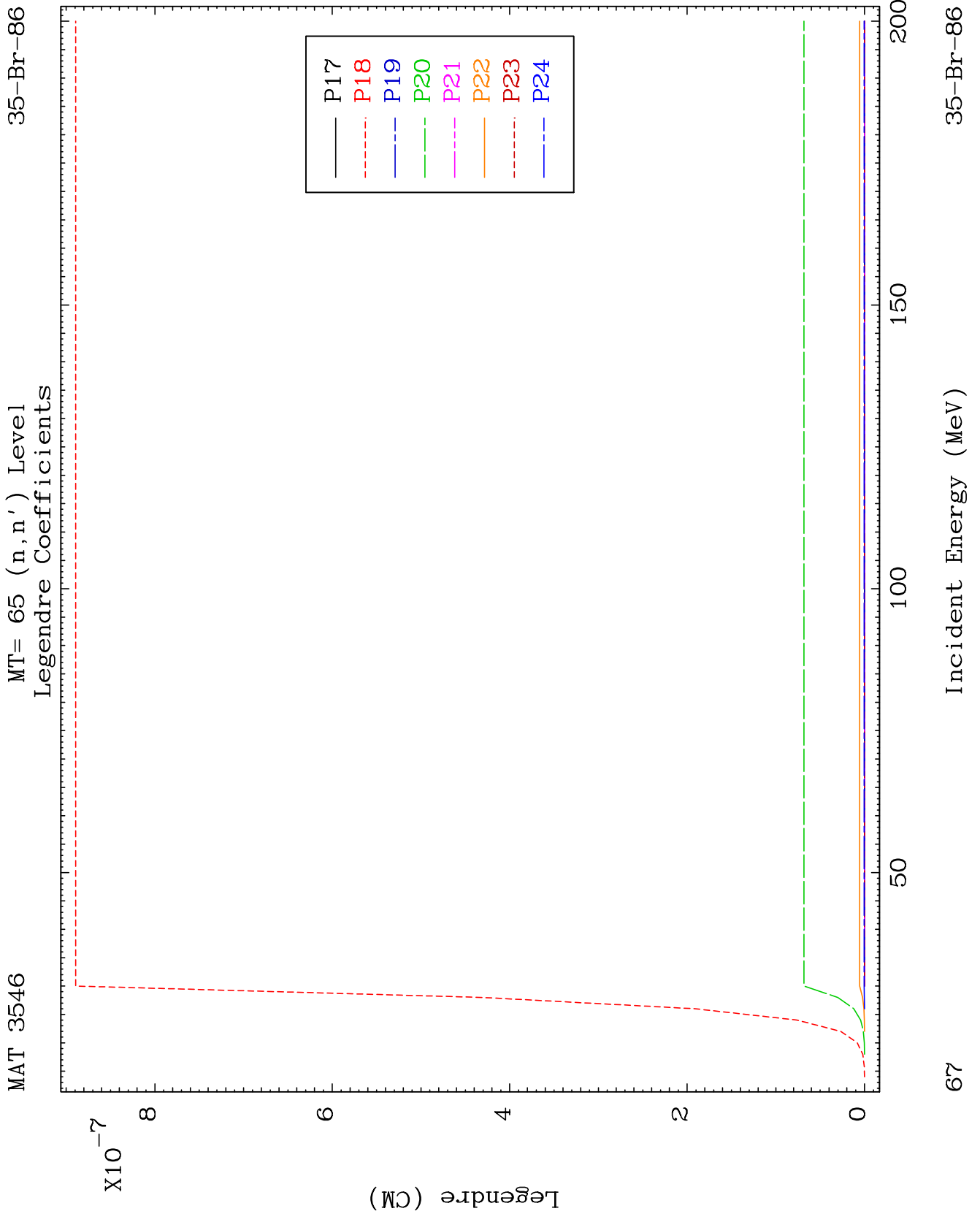
MT= 64 (n,n') Level
Legendre Coefficients

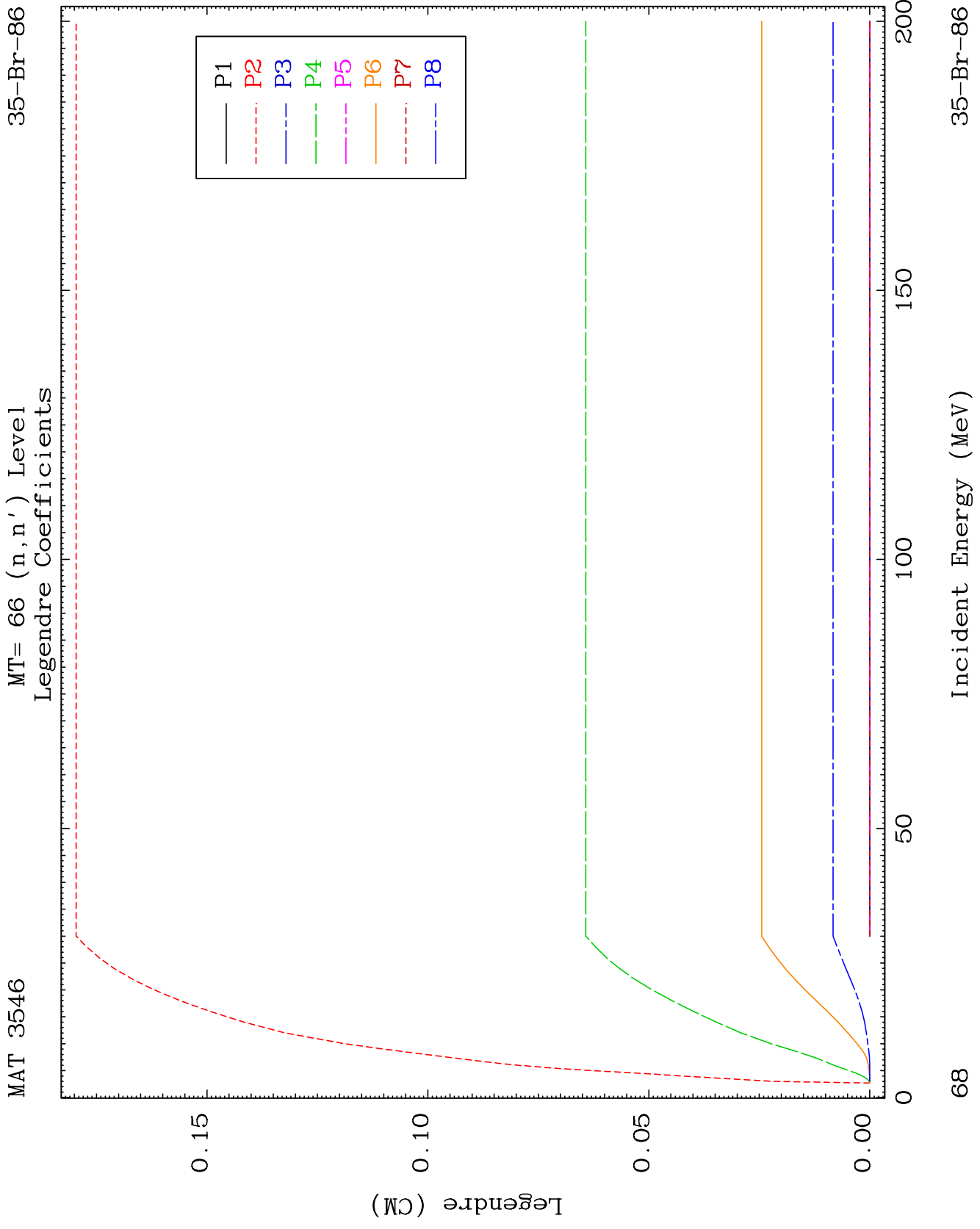
35-Br-86







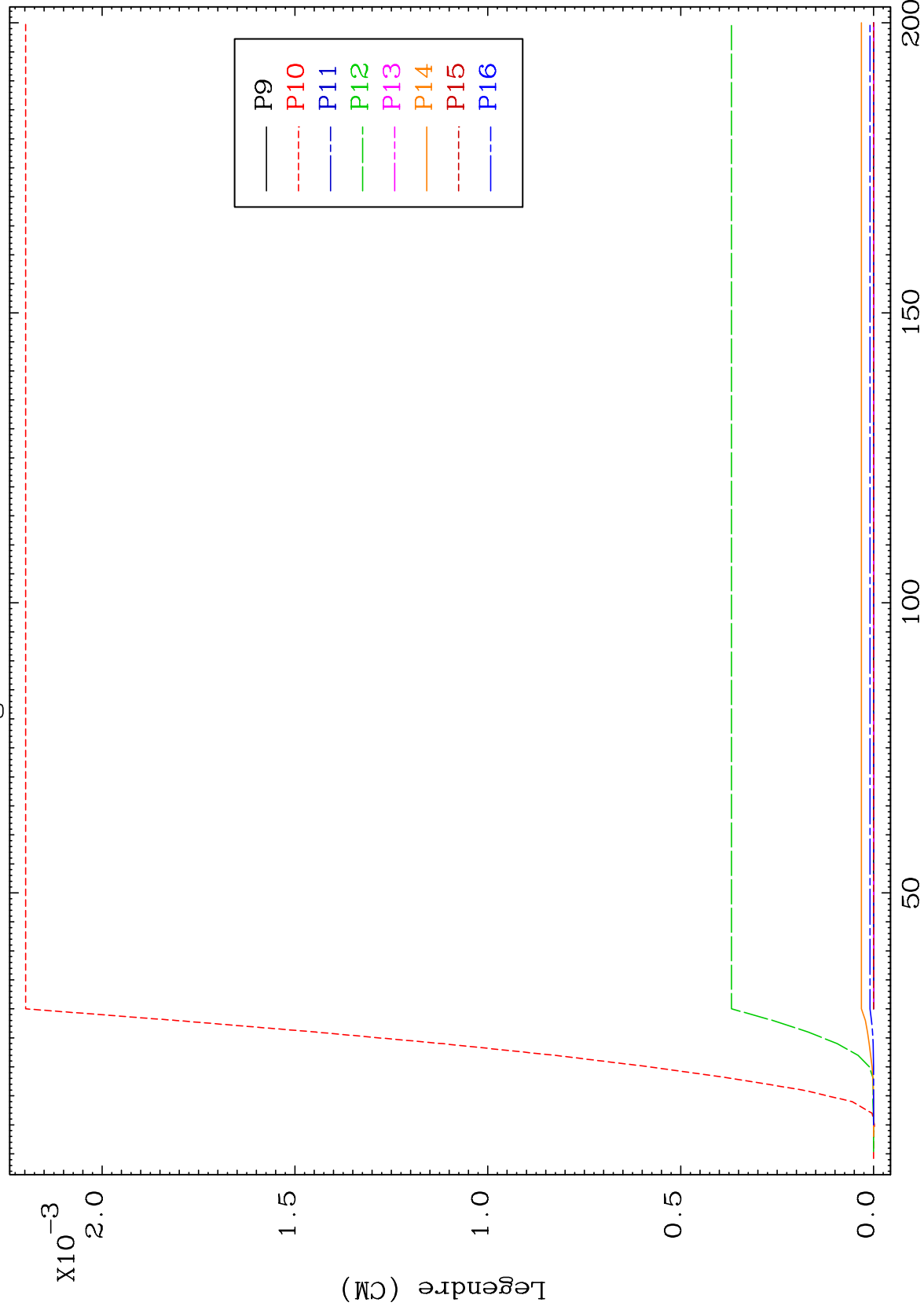




MAT 3546

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

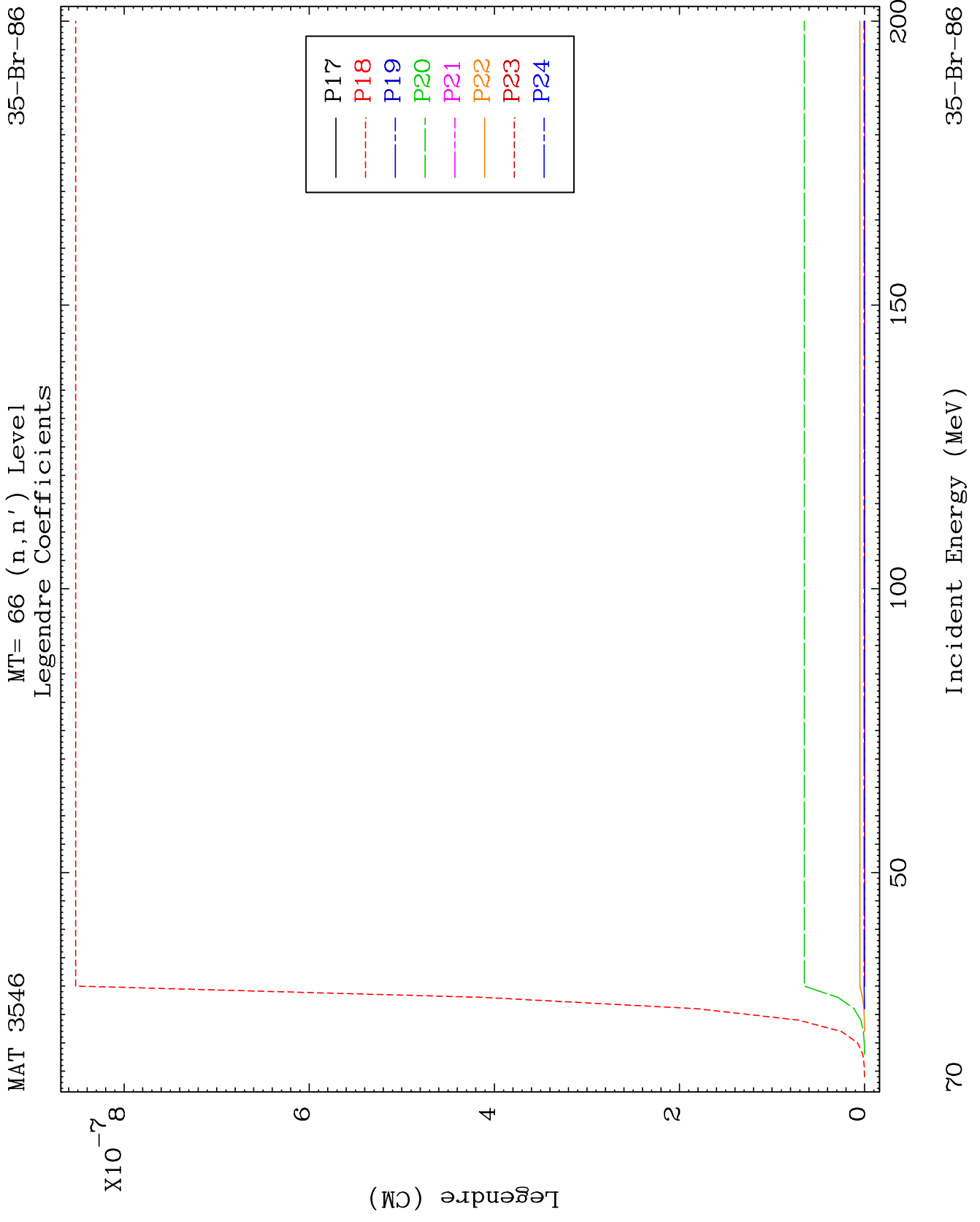
35-Br-86



69

Incident Energy (MeV)

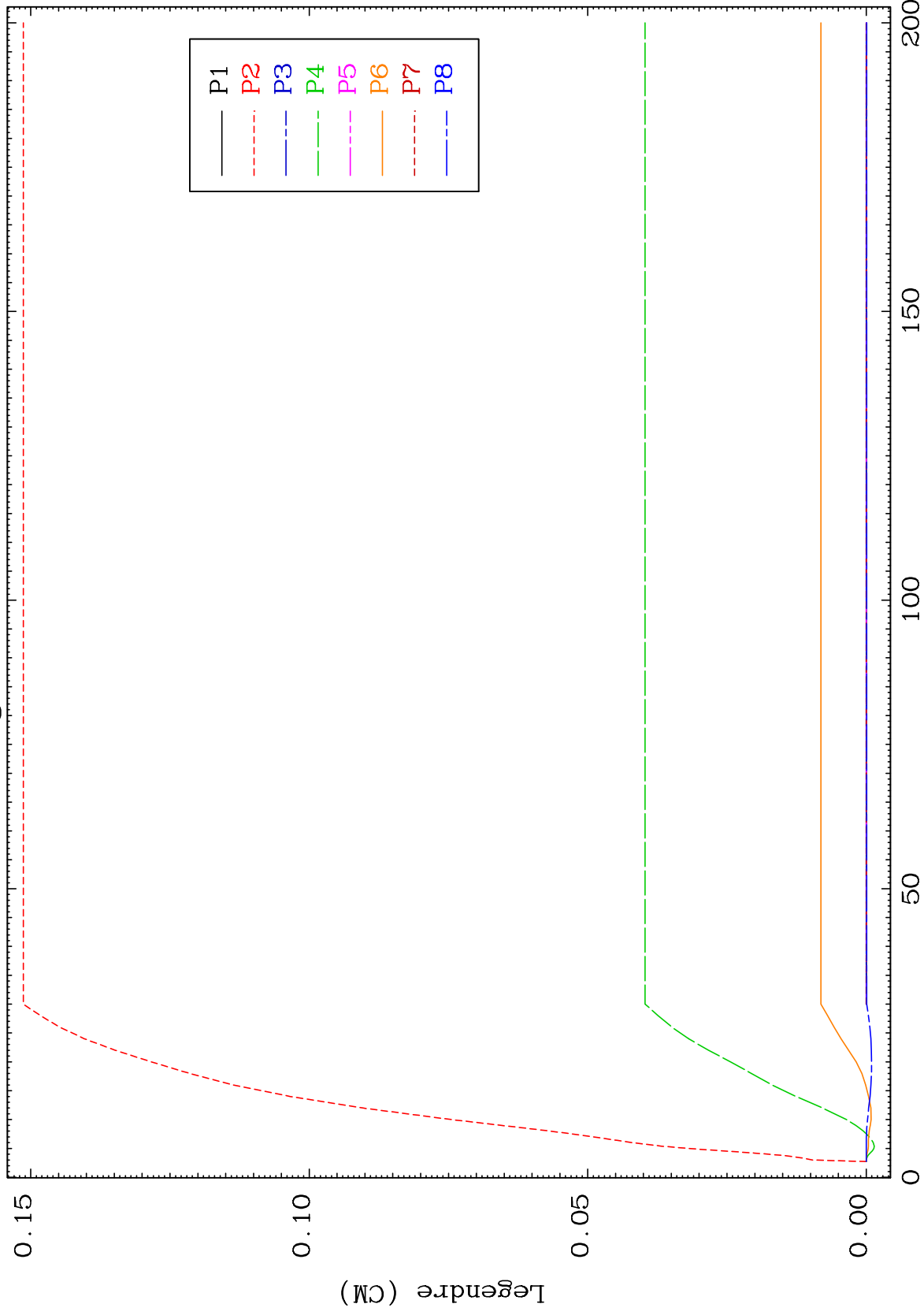
35-Br-86



MAT 3546

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

35-Br-86



71

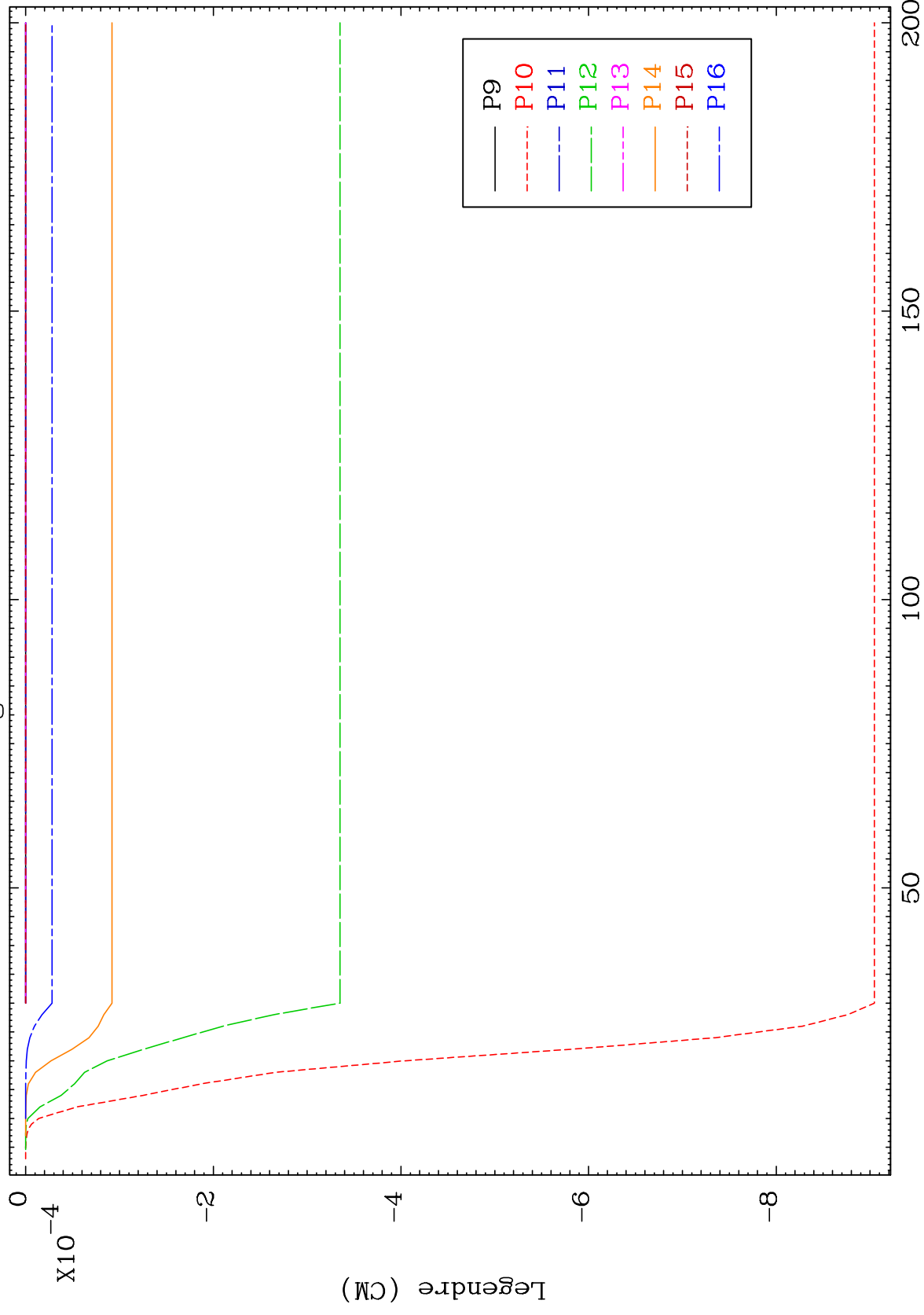
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86



72

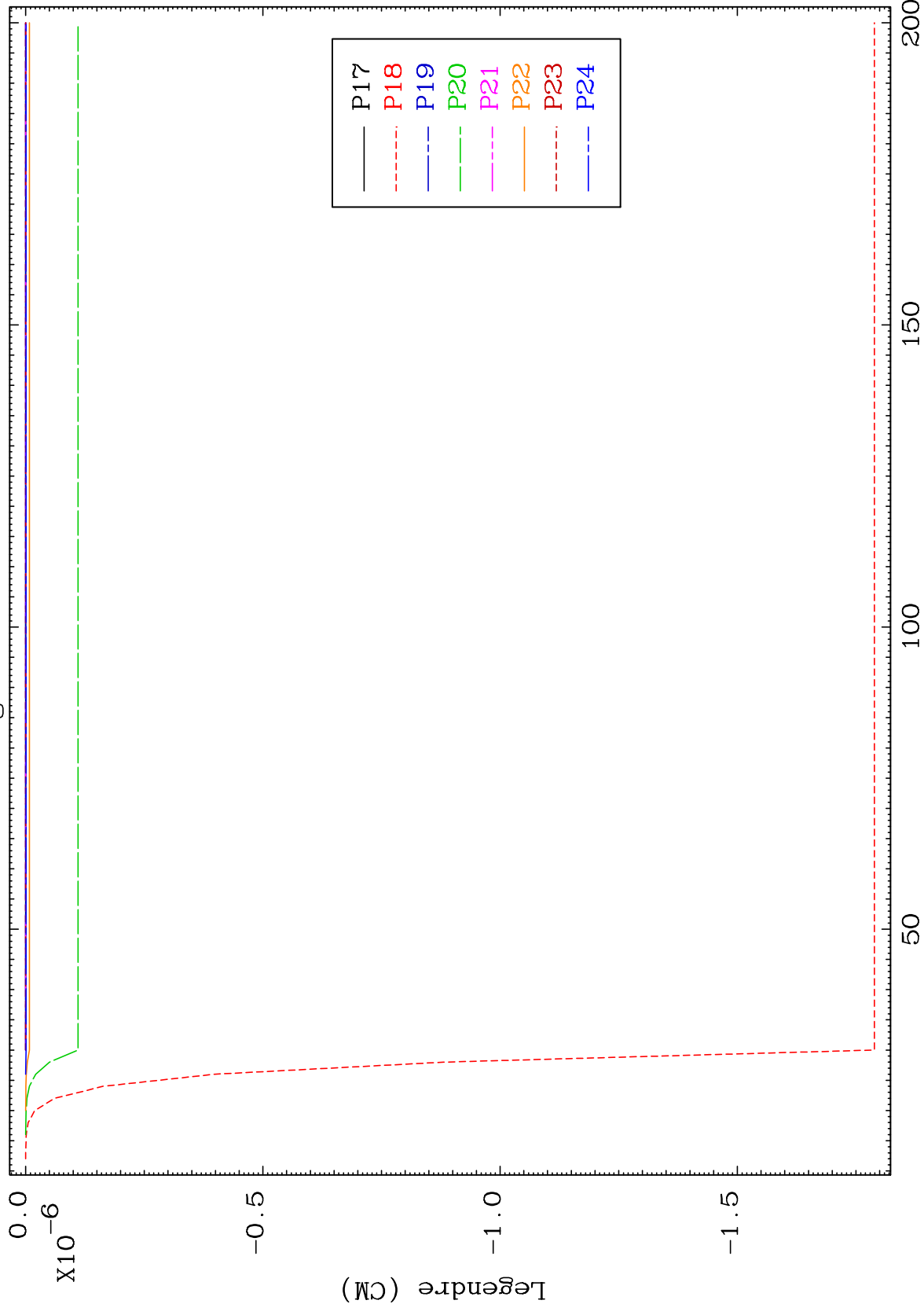
Incident Energy (MeV)

35-Br-86

MAT 3546

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

35-Br-86



35-Br-86

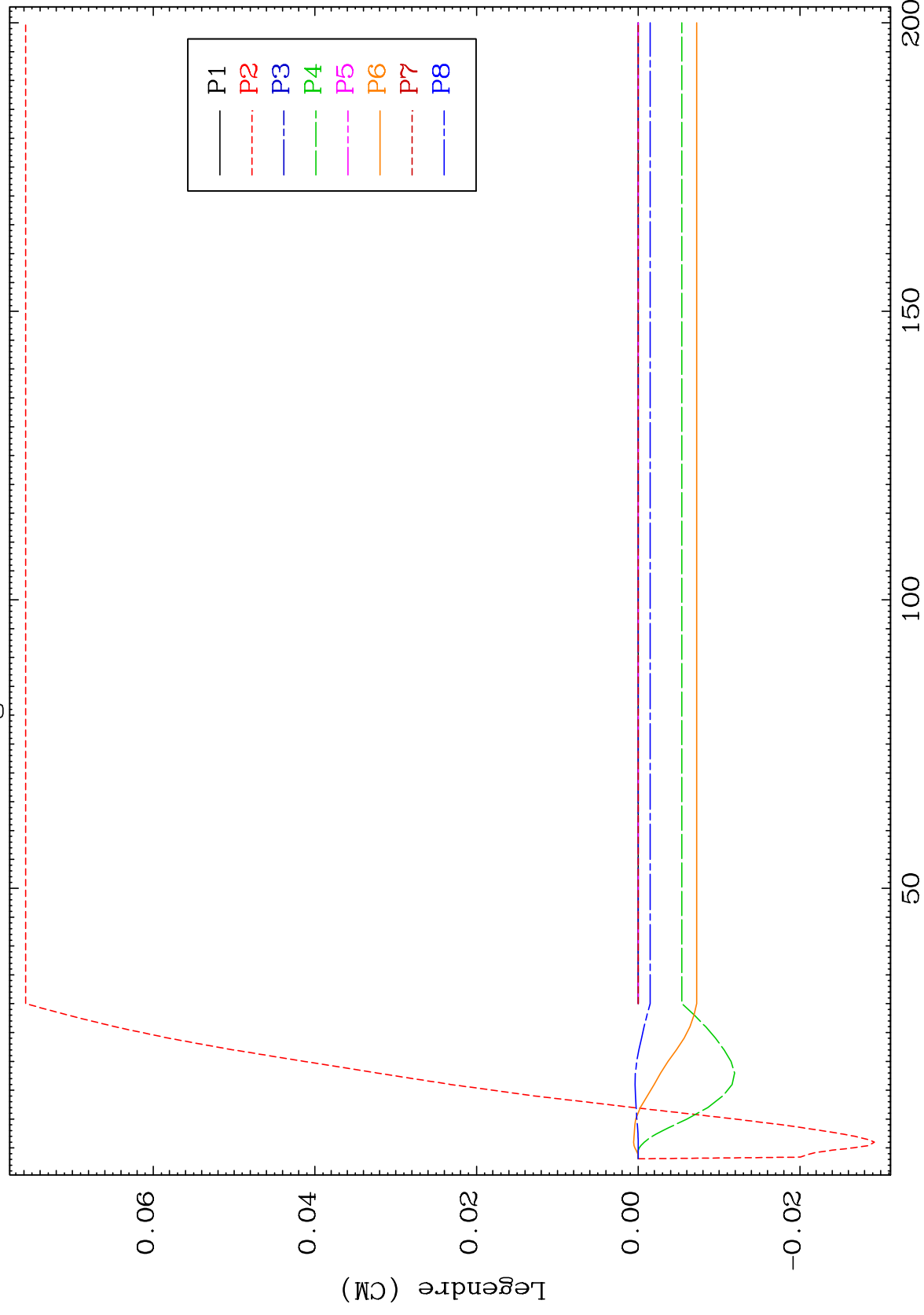
Incident Energy (MeV)

73

MAT 3546

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

35-Br-86



35-Br-86

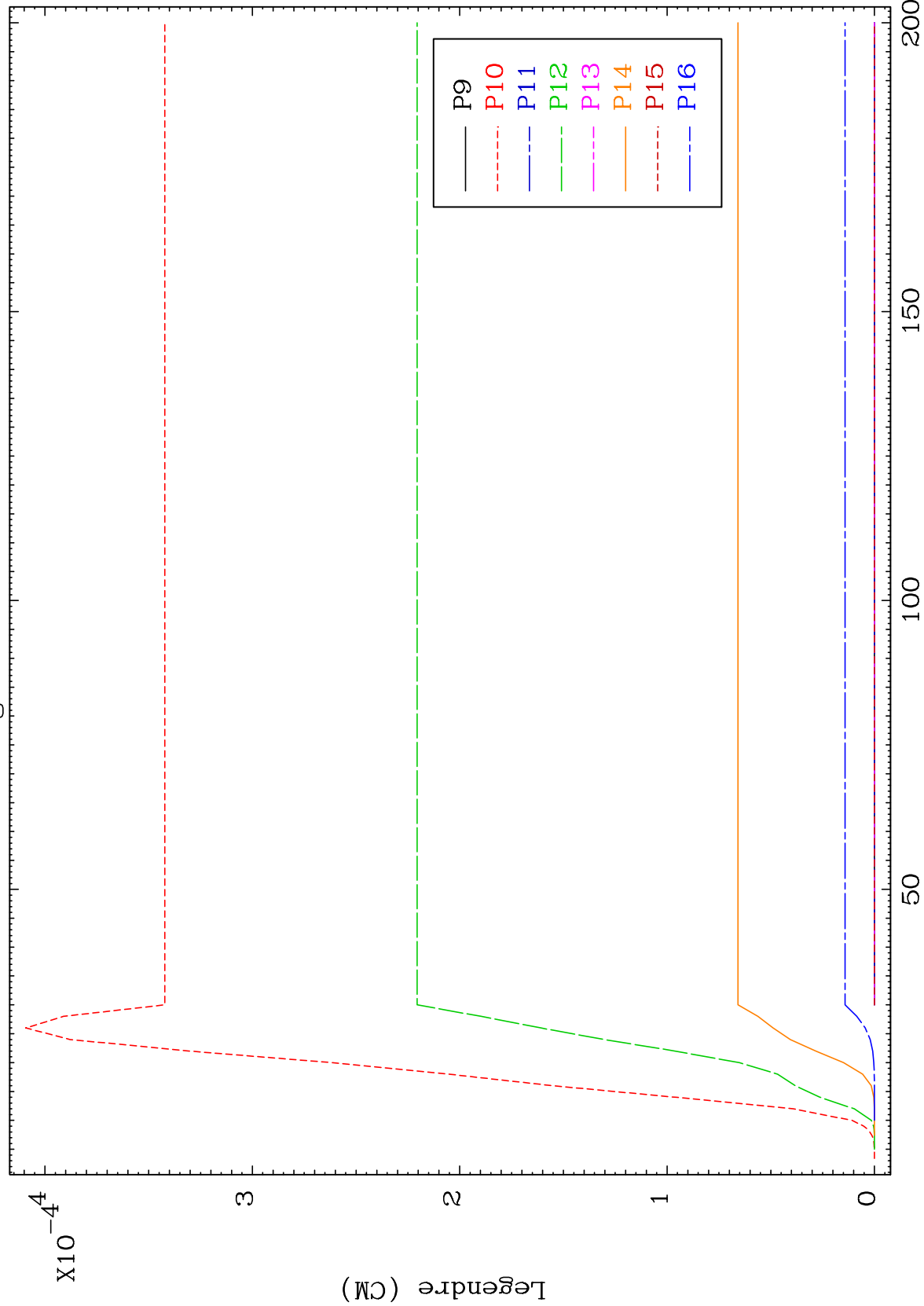
Incident Energy (MeV)

74

MAT 3546

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

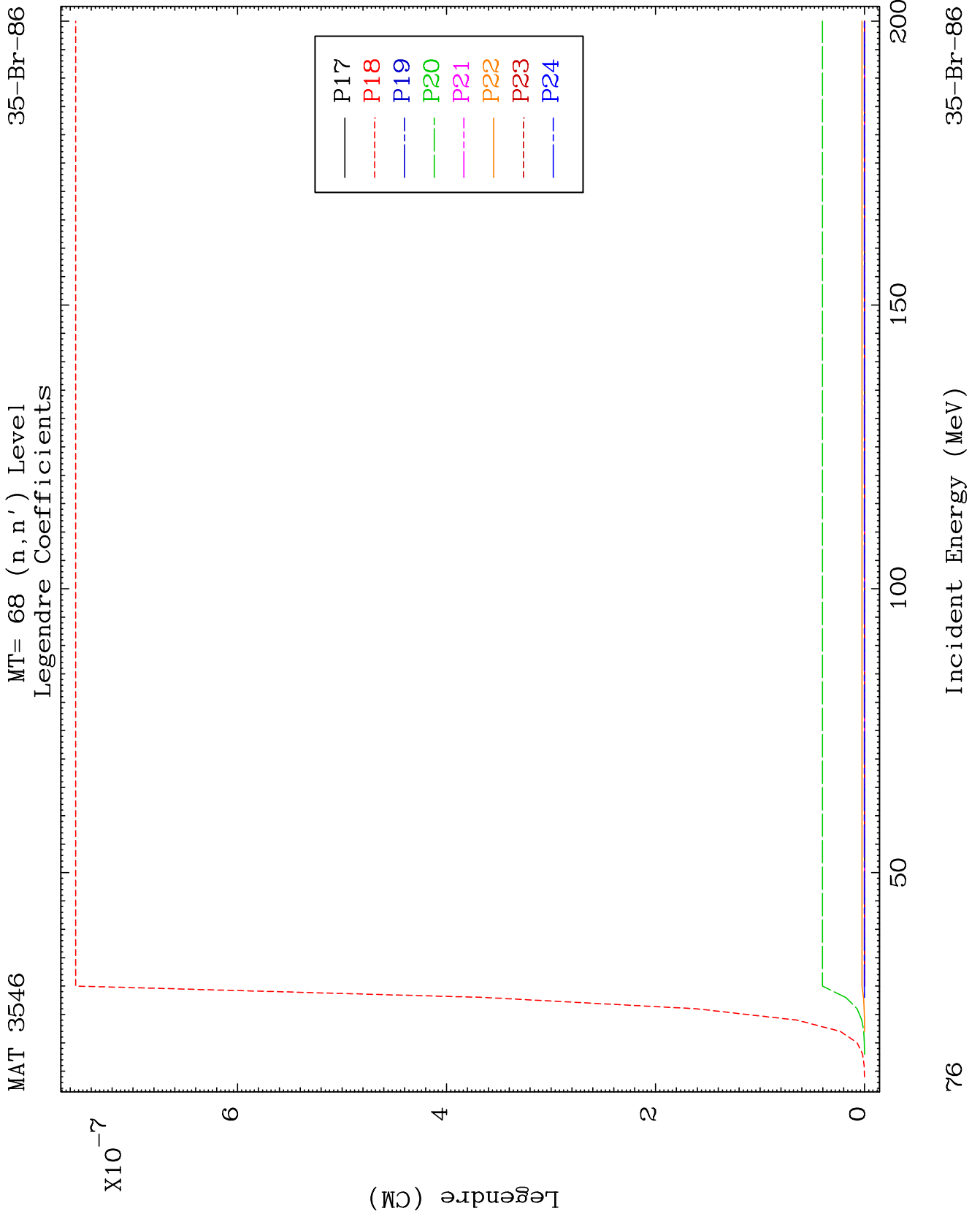
35-Br-86



75

Incident Energy (MeV)

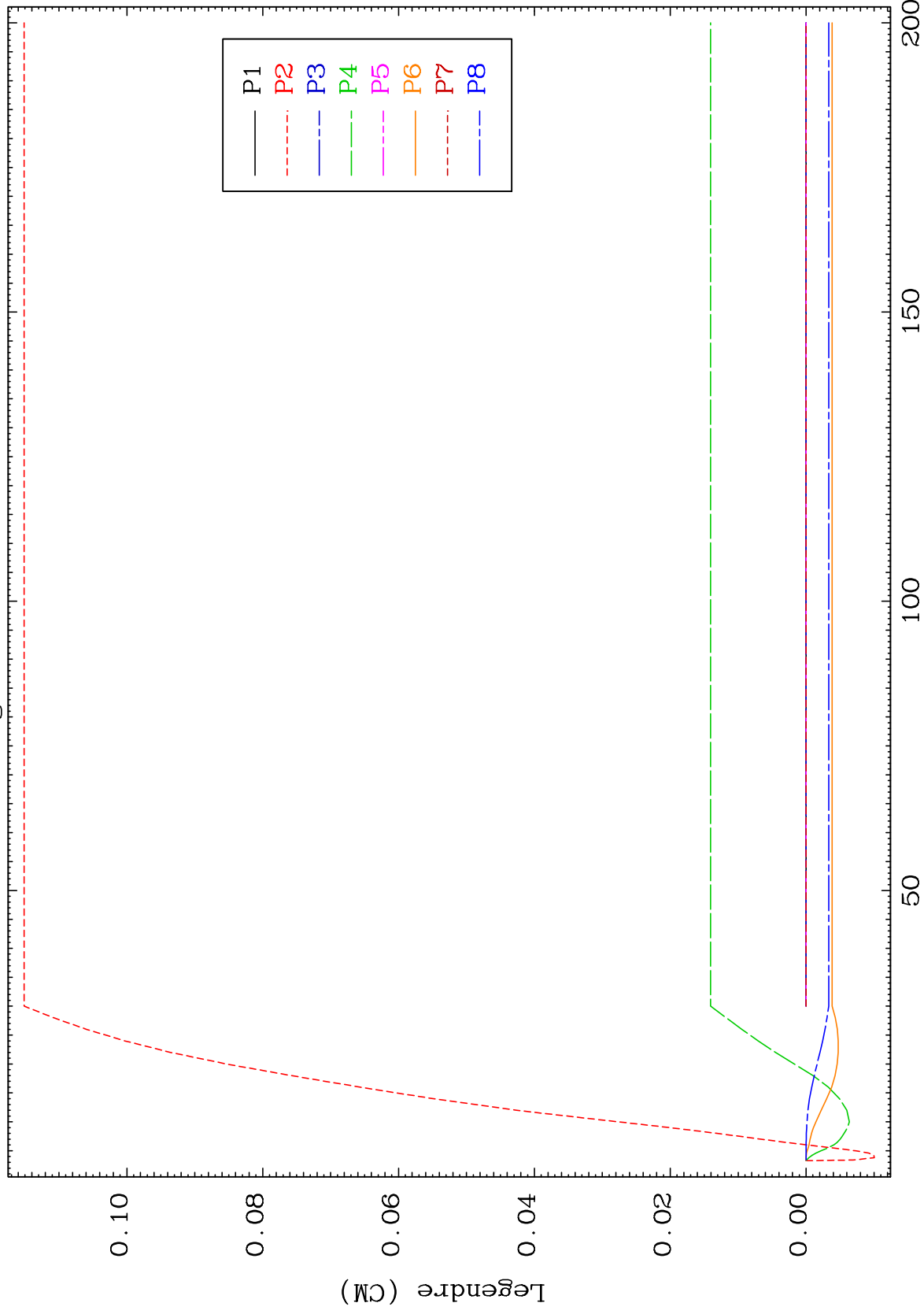
35-Br-86



MAT 3546

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

35-Br-86



77

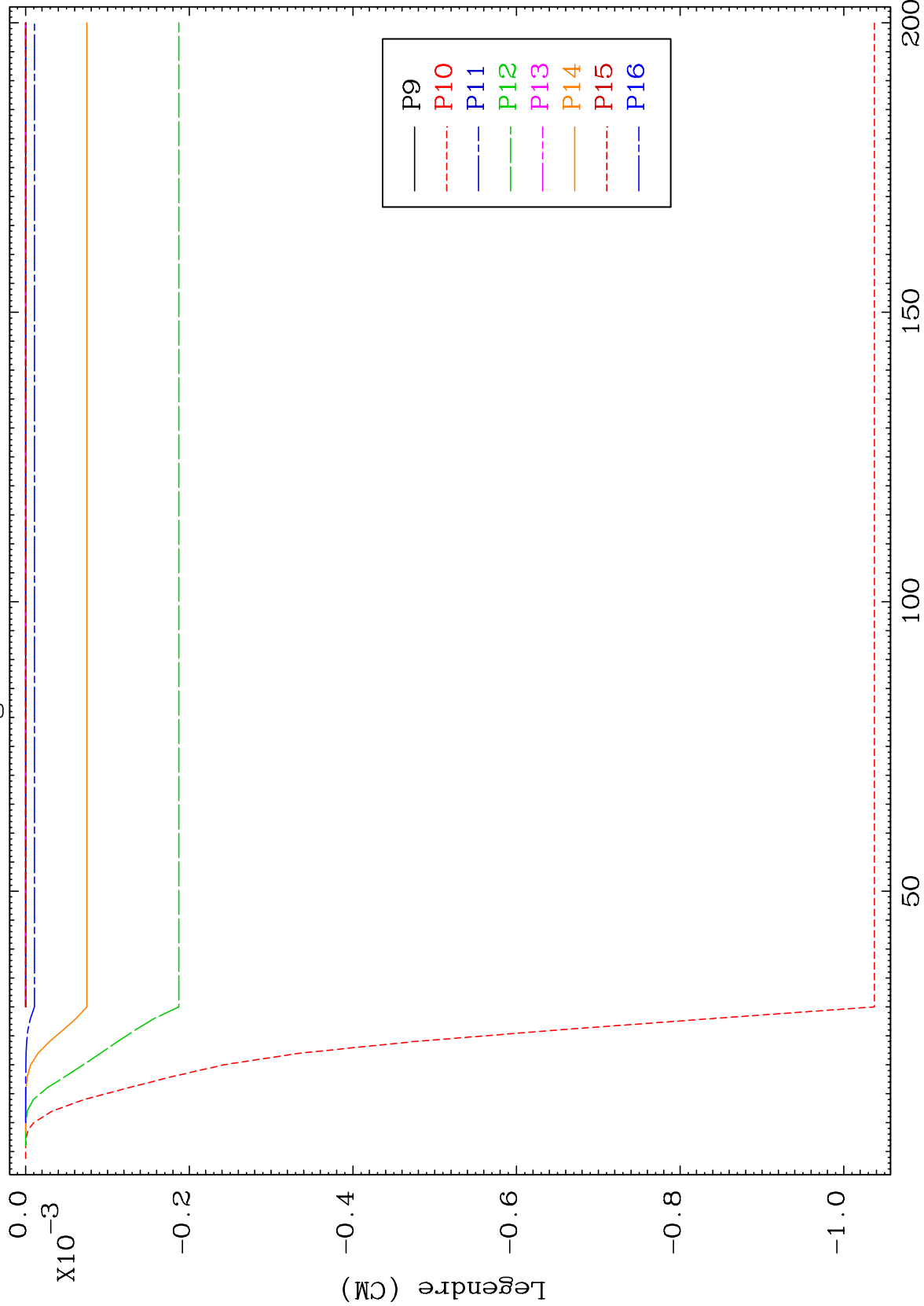
Incident Energy (MeV)

35-Br-86

MAT 3546

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

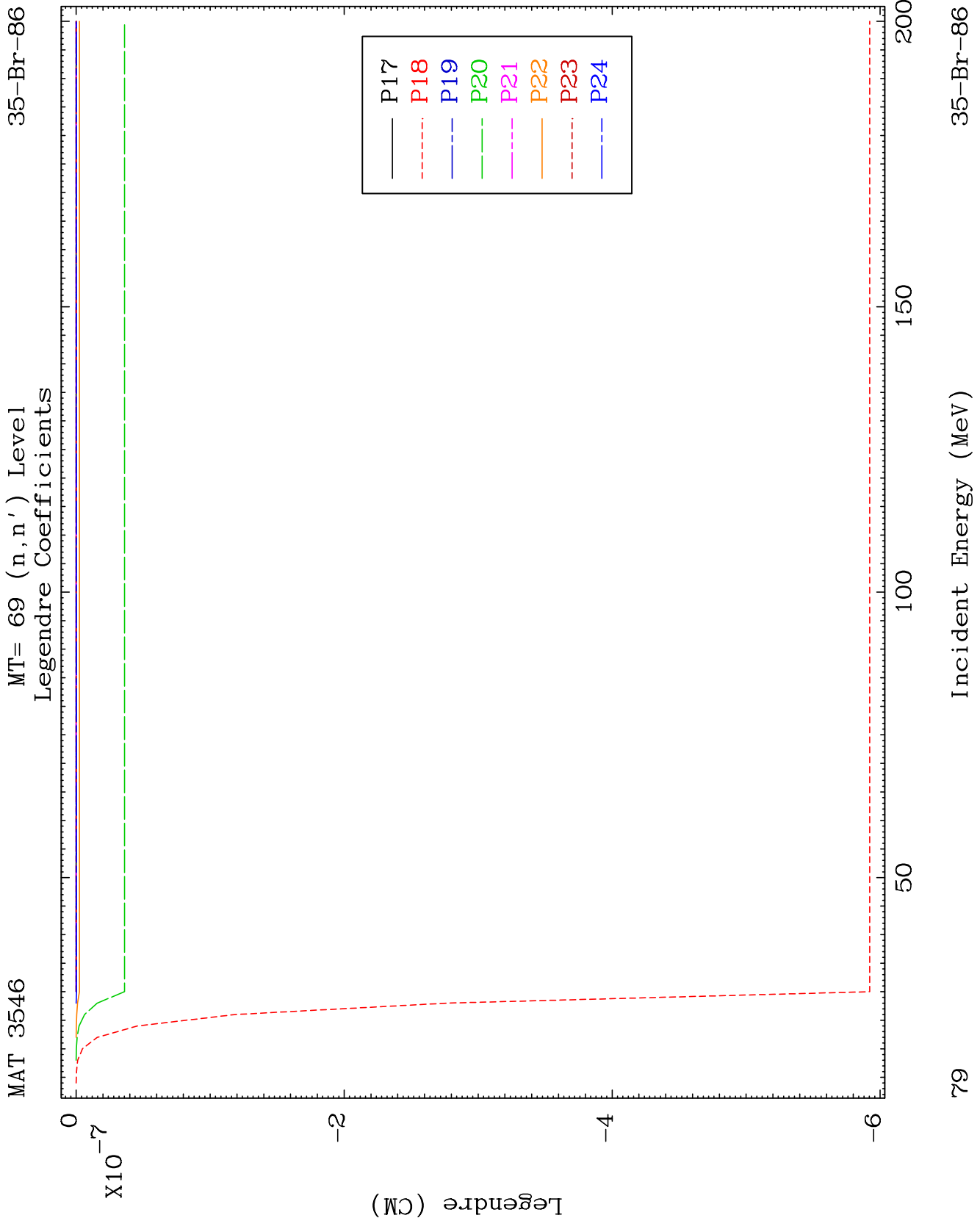
35-Br-86

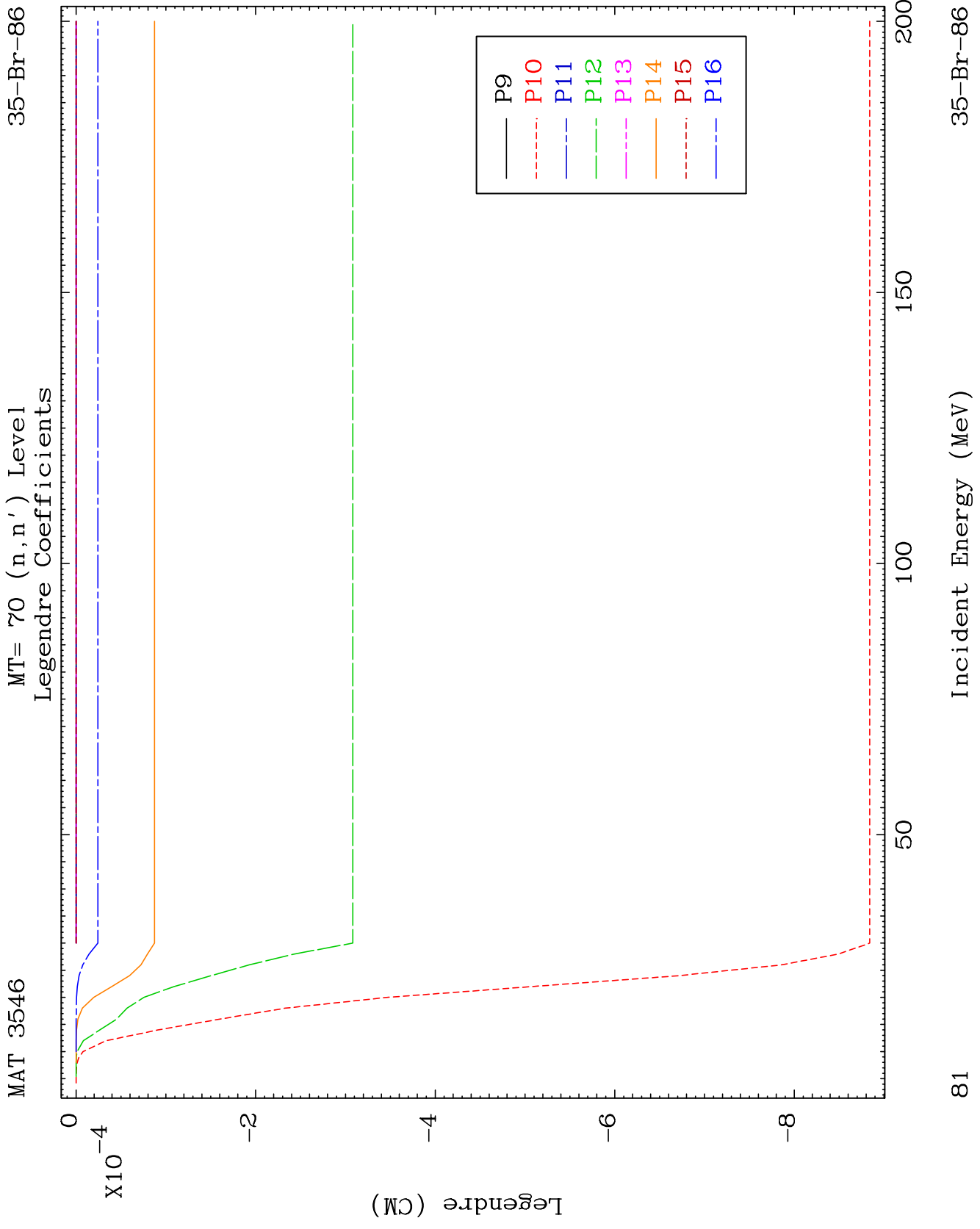


78

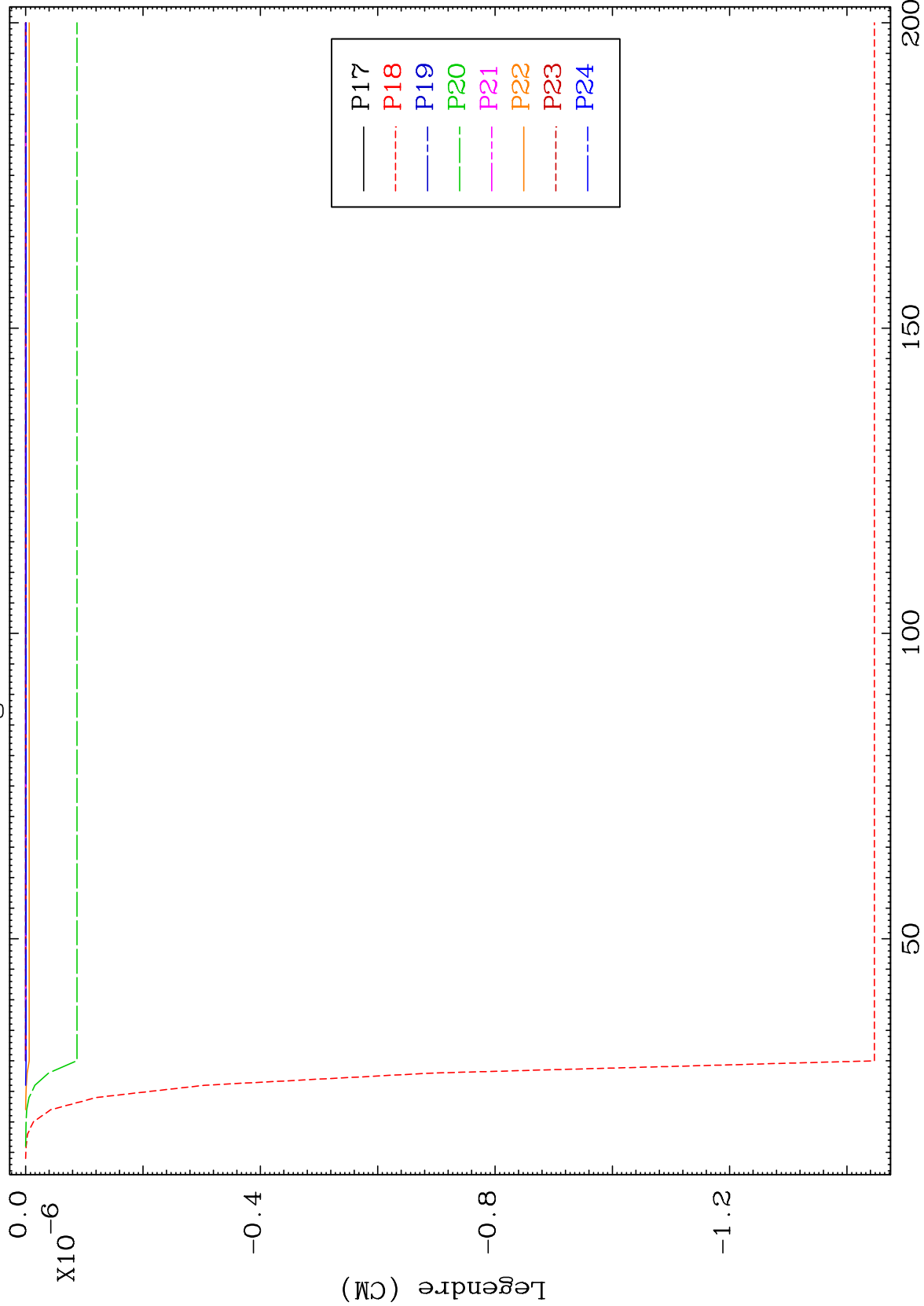
Incident Energy (MeV)

35-Br-86





Legendre Coefficients

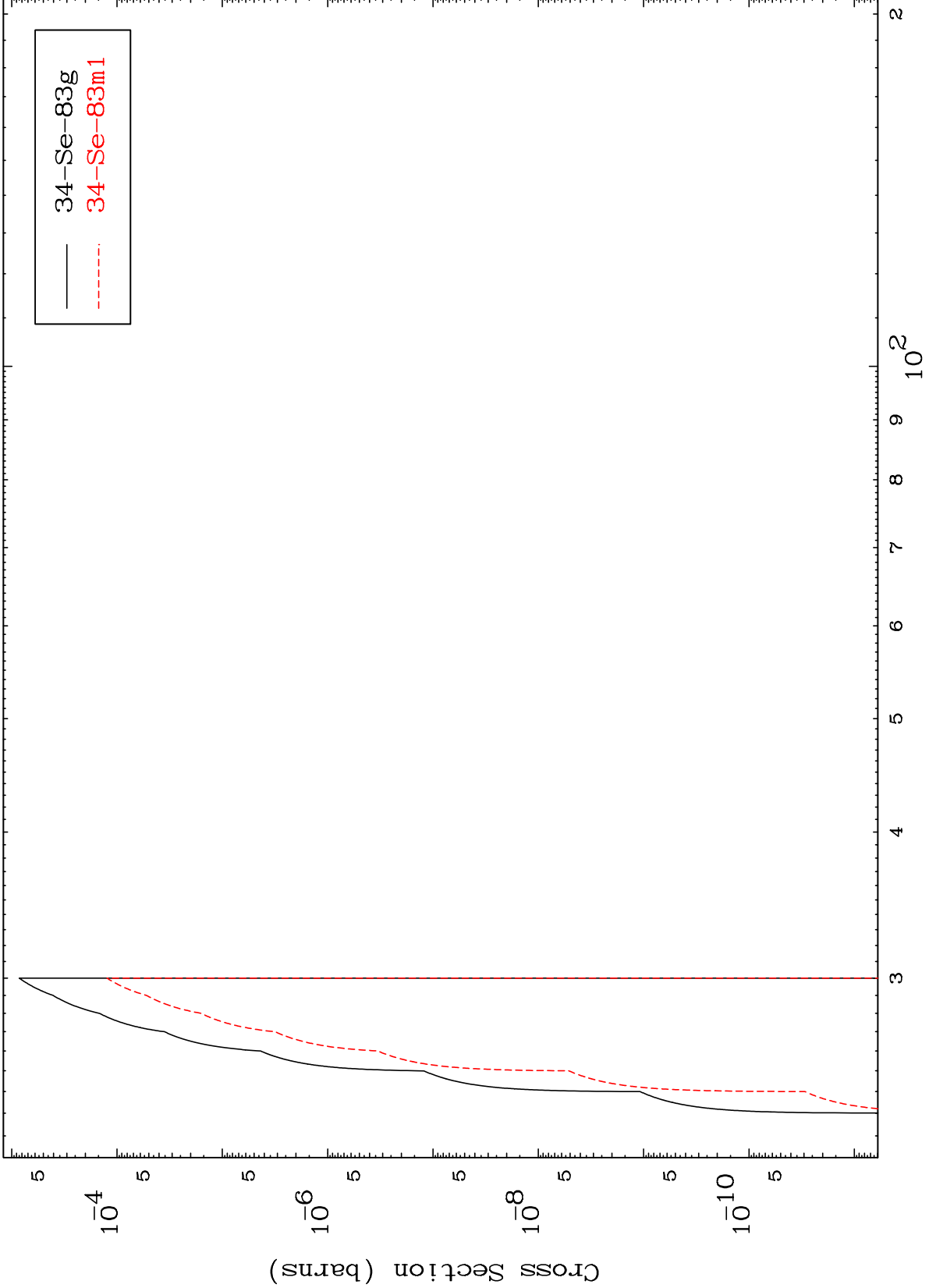


MAT 3546

(n,2n) d

35-Br-86

Radionuclide Production Cross Section

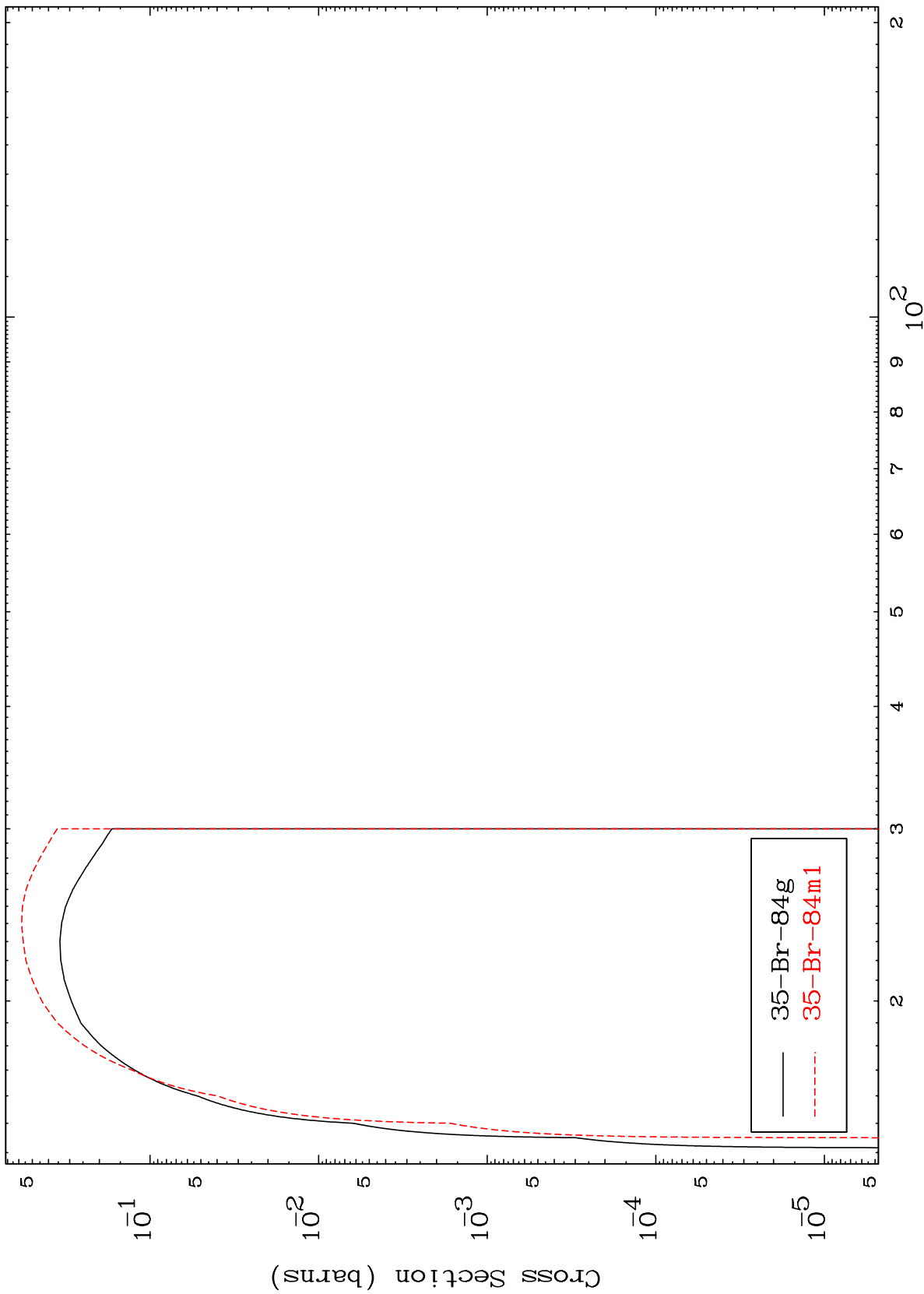


83

Incident Energy (MeV)

35-Br-86

(n,3n)
Radionuclide Production Cross Section

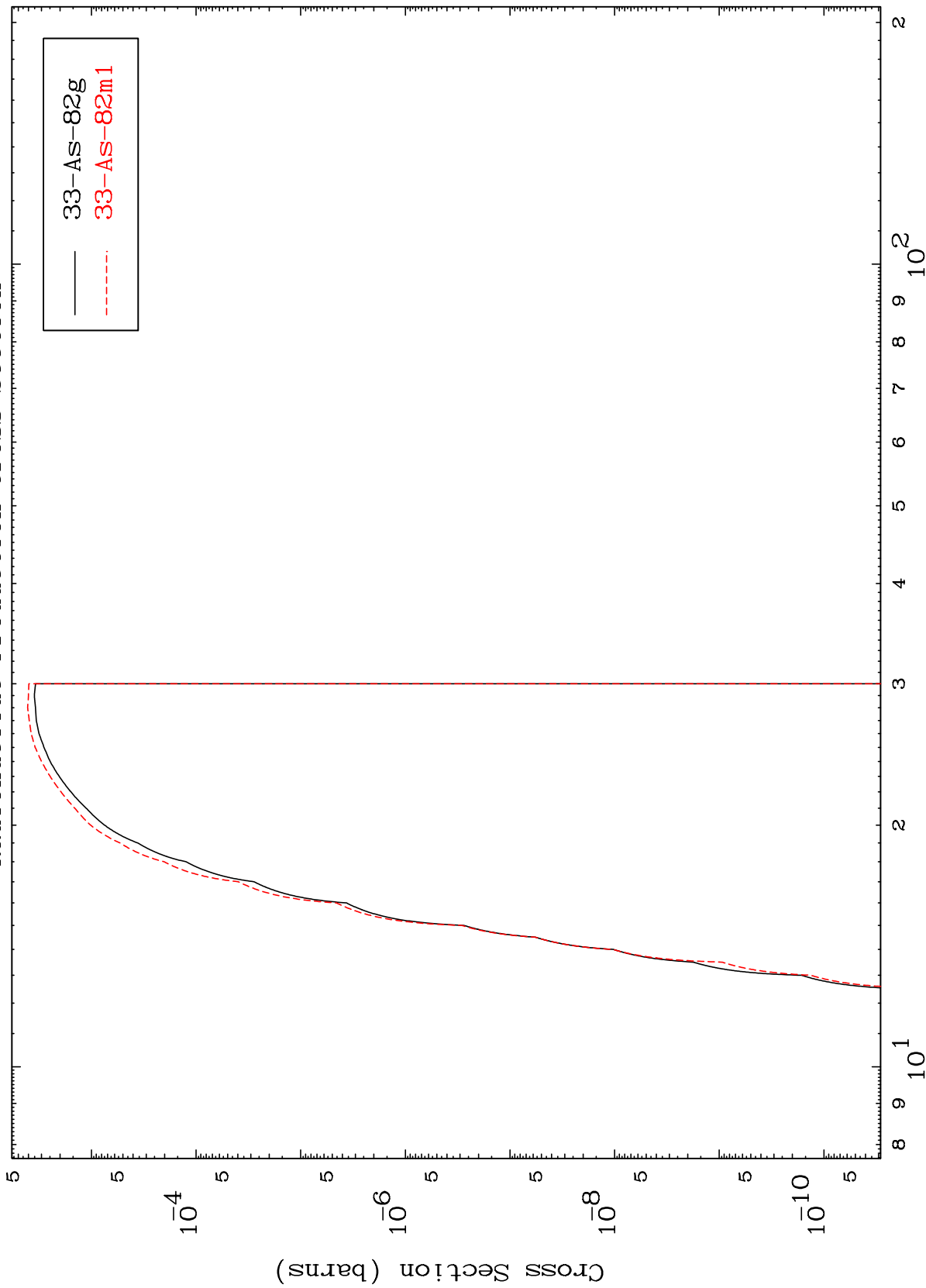


MAT 3546

$(n, n') \alpha$

35-Br-86

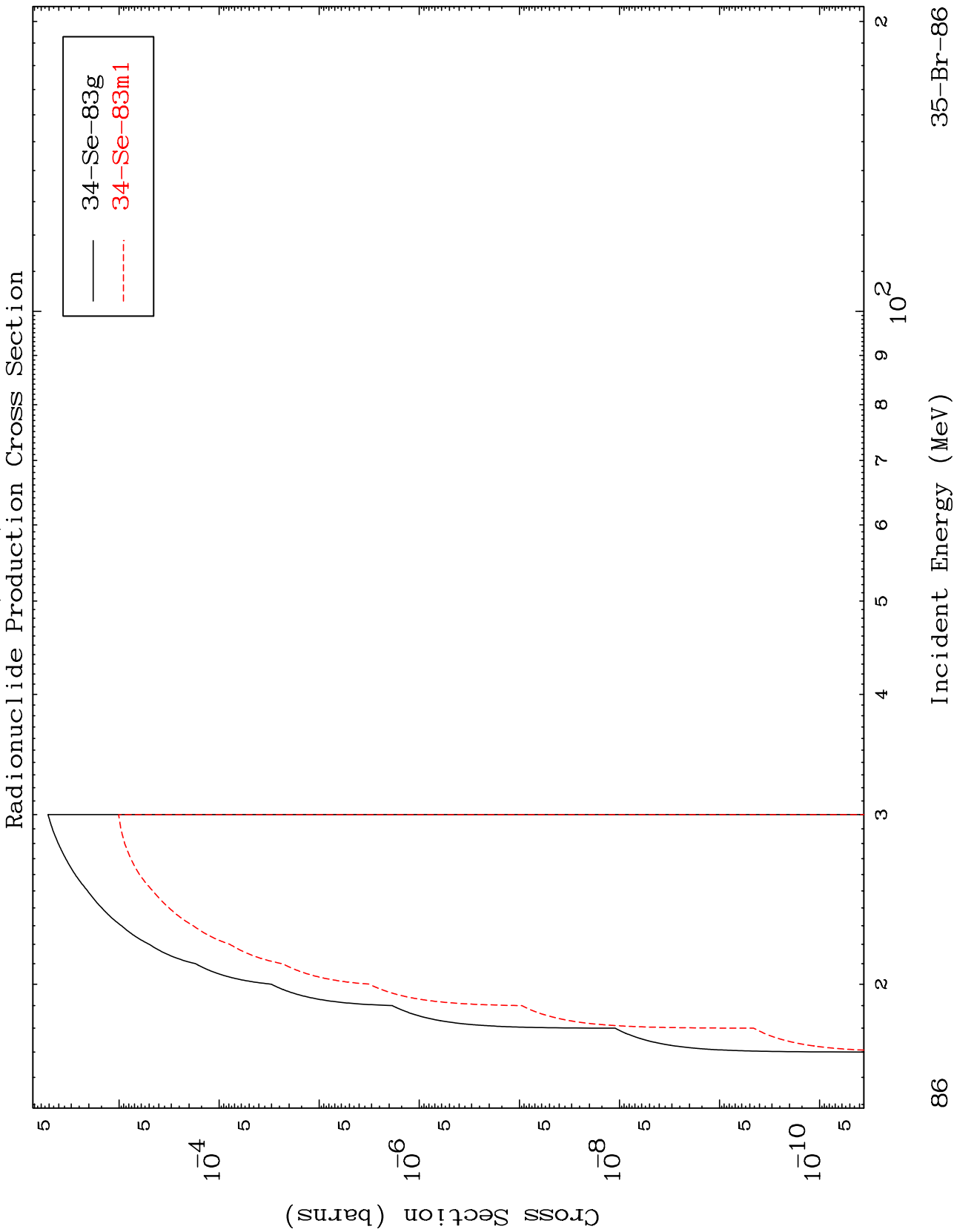
Radionuclide Production Cross Section



85

Incident Energy (MeV)

35-Br-86

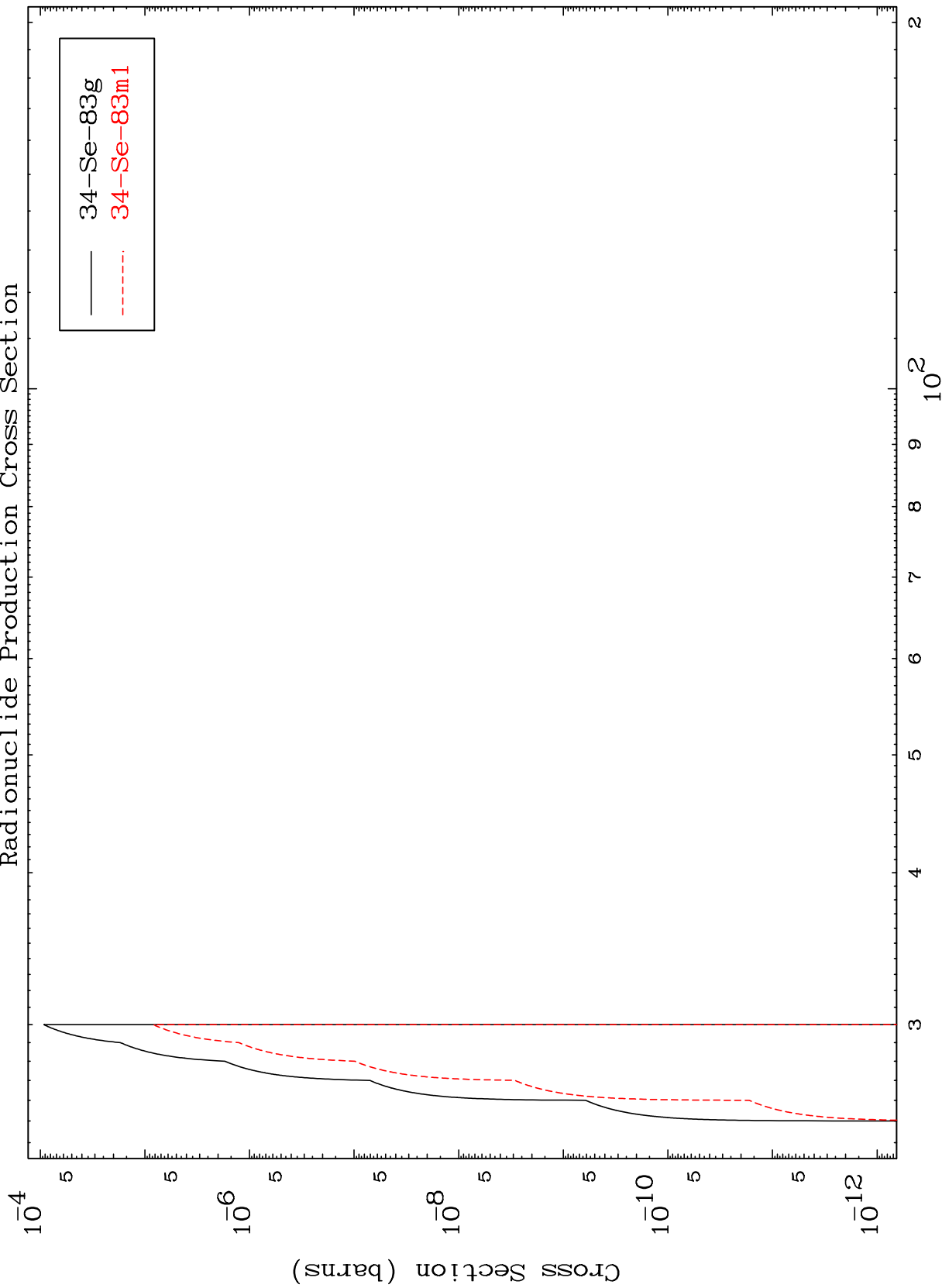


MAT 3546

(n,3n) p

35-Br-86

Radionuclide Production Cross Section



87

Incident Energy (MeV)

35-Br-86