

Program EVALPLOT
(Version 2021-1)

by

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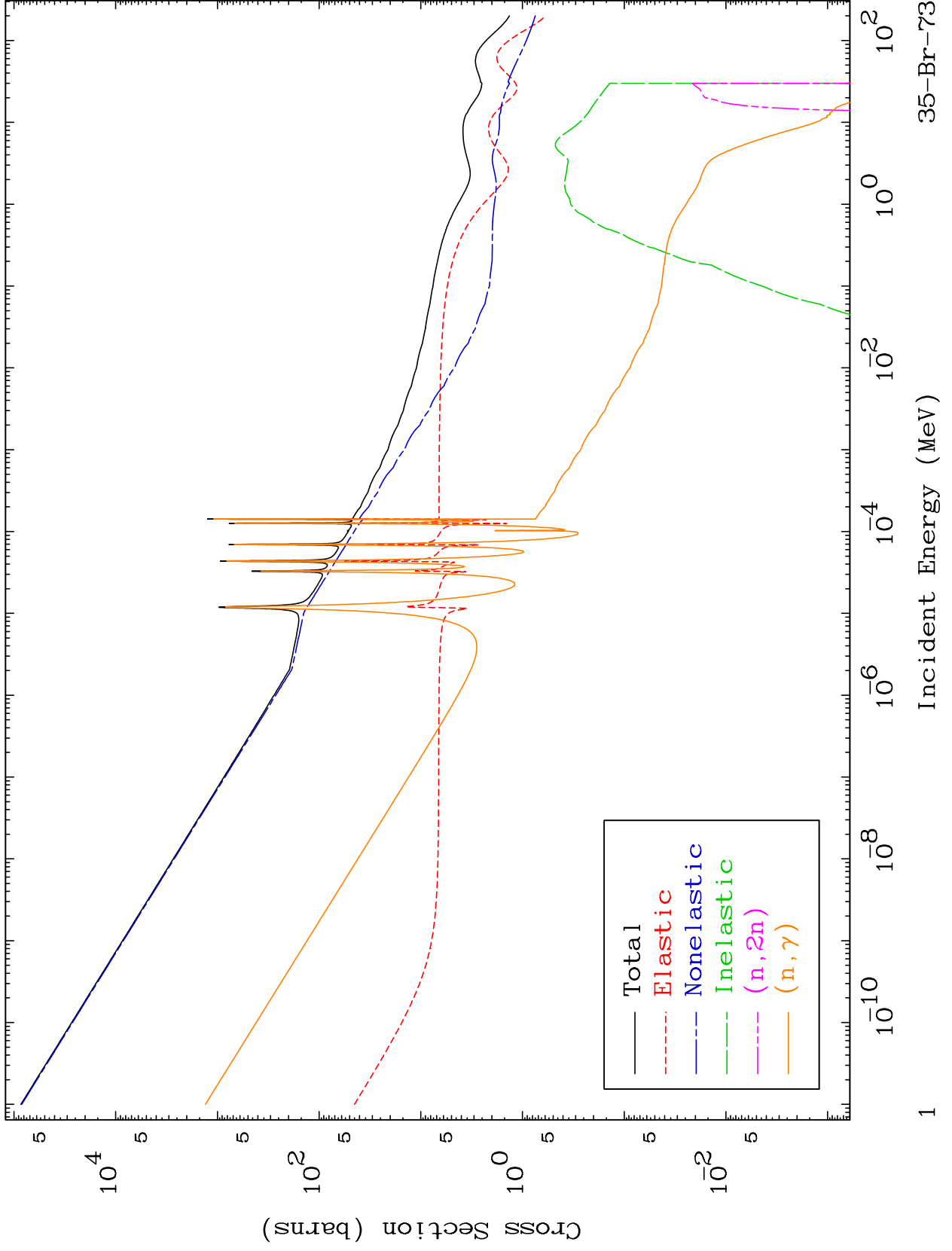
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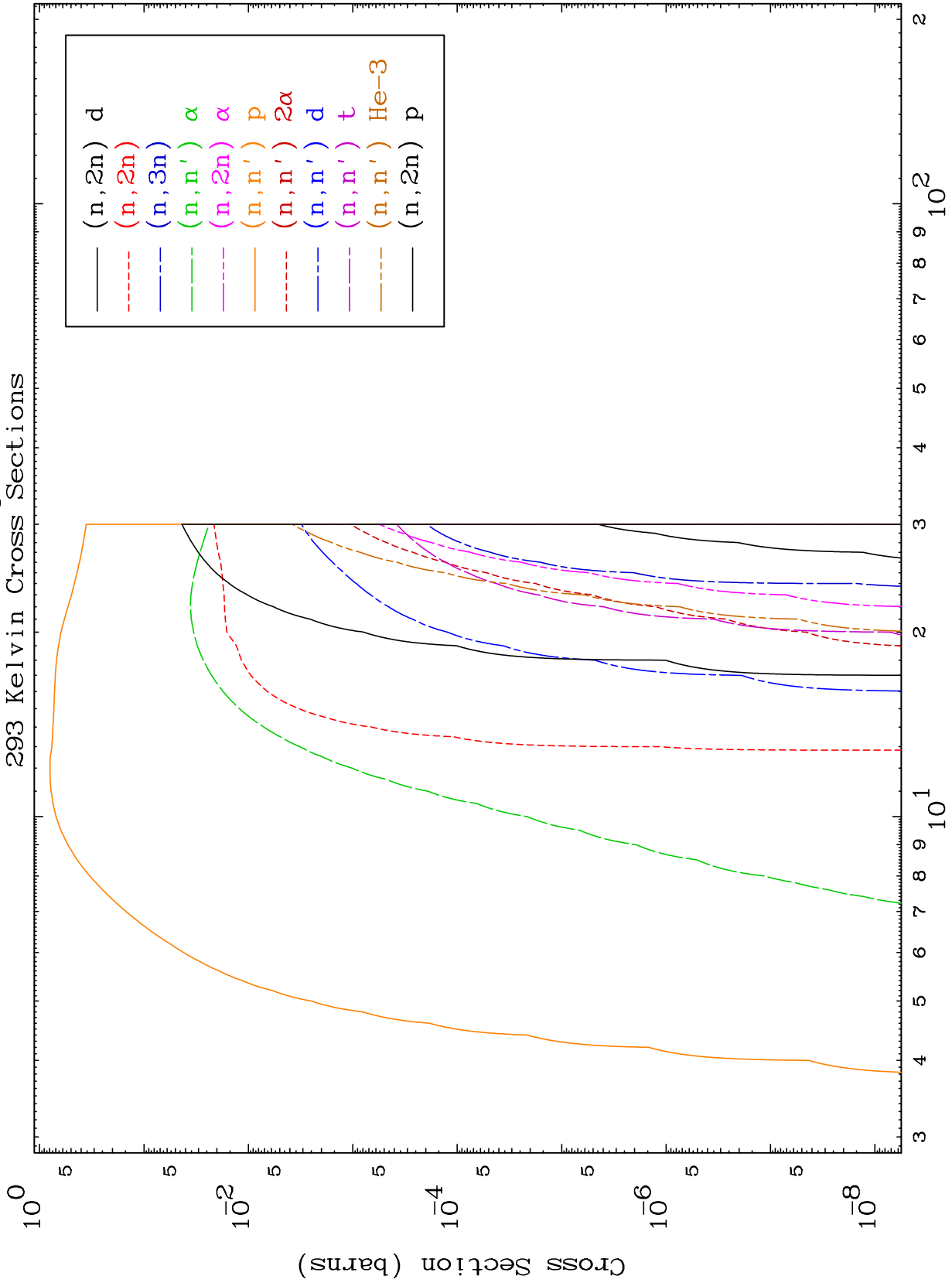
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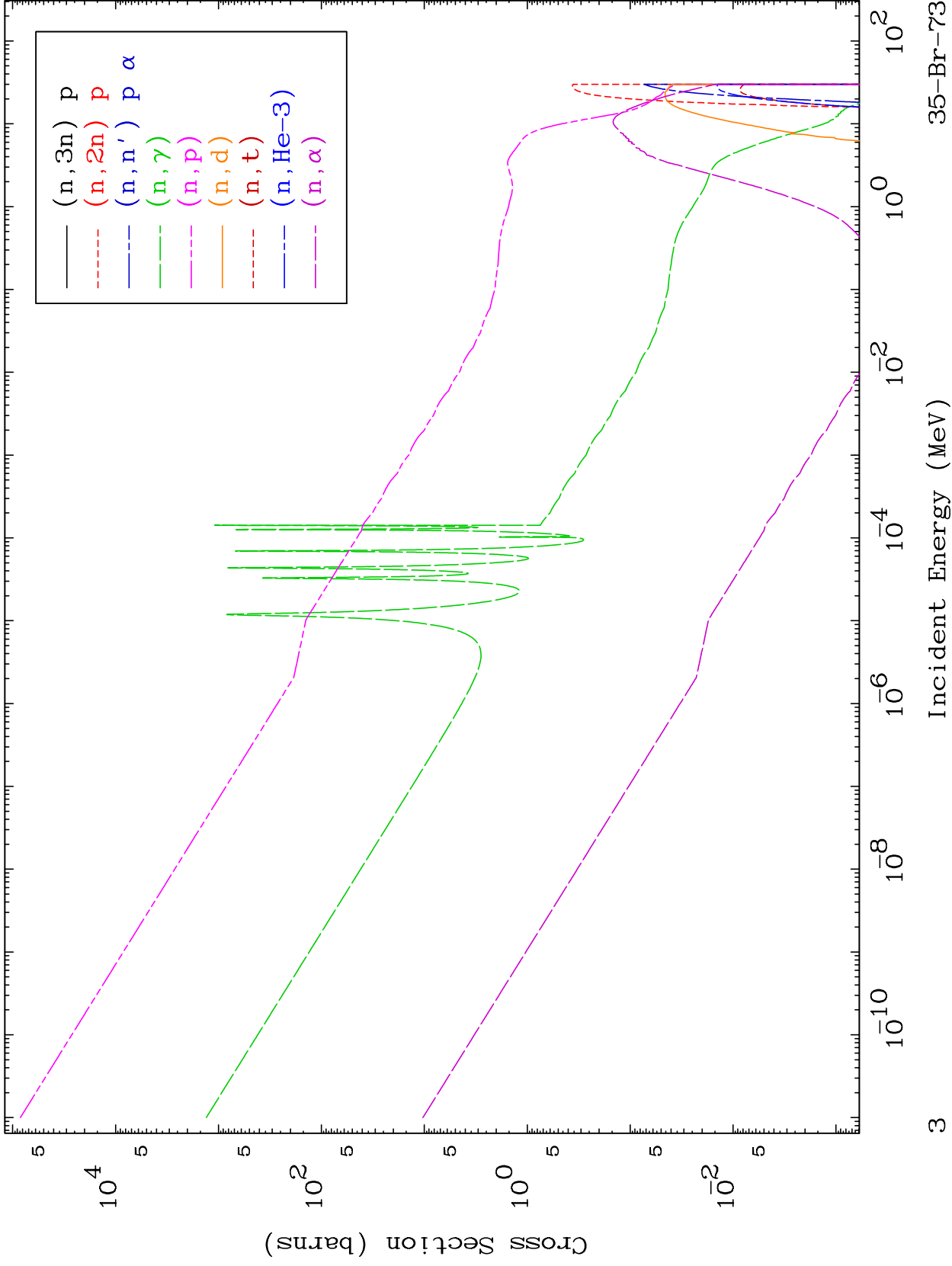
MAT 3507

Neutron Major
293 Kelvin Cross Sections

35-Br-73



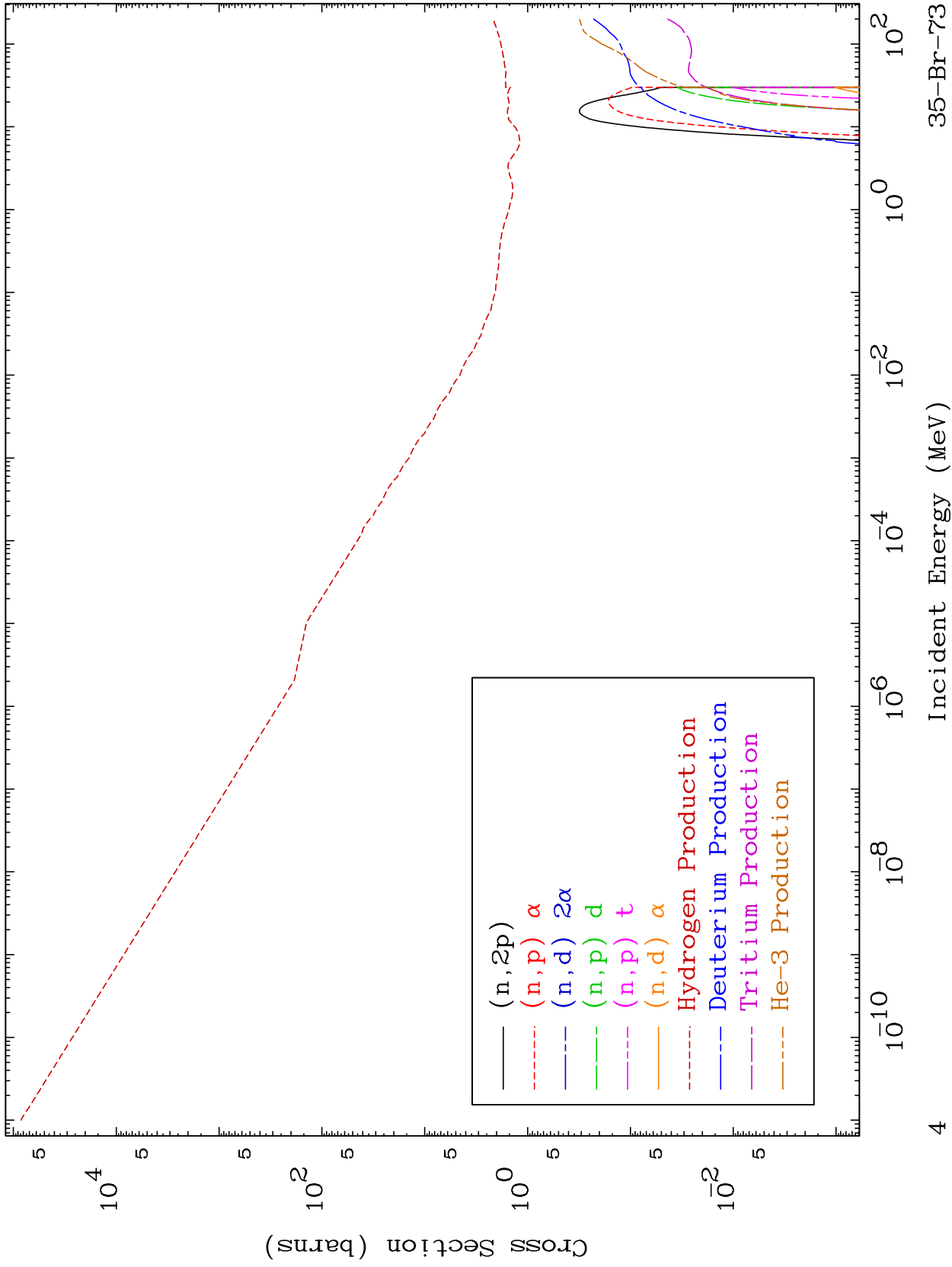




MAT 3507

Neutron Absorption
293 Kelvin Cross Sections

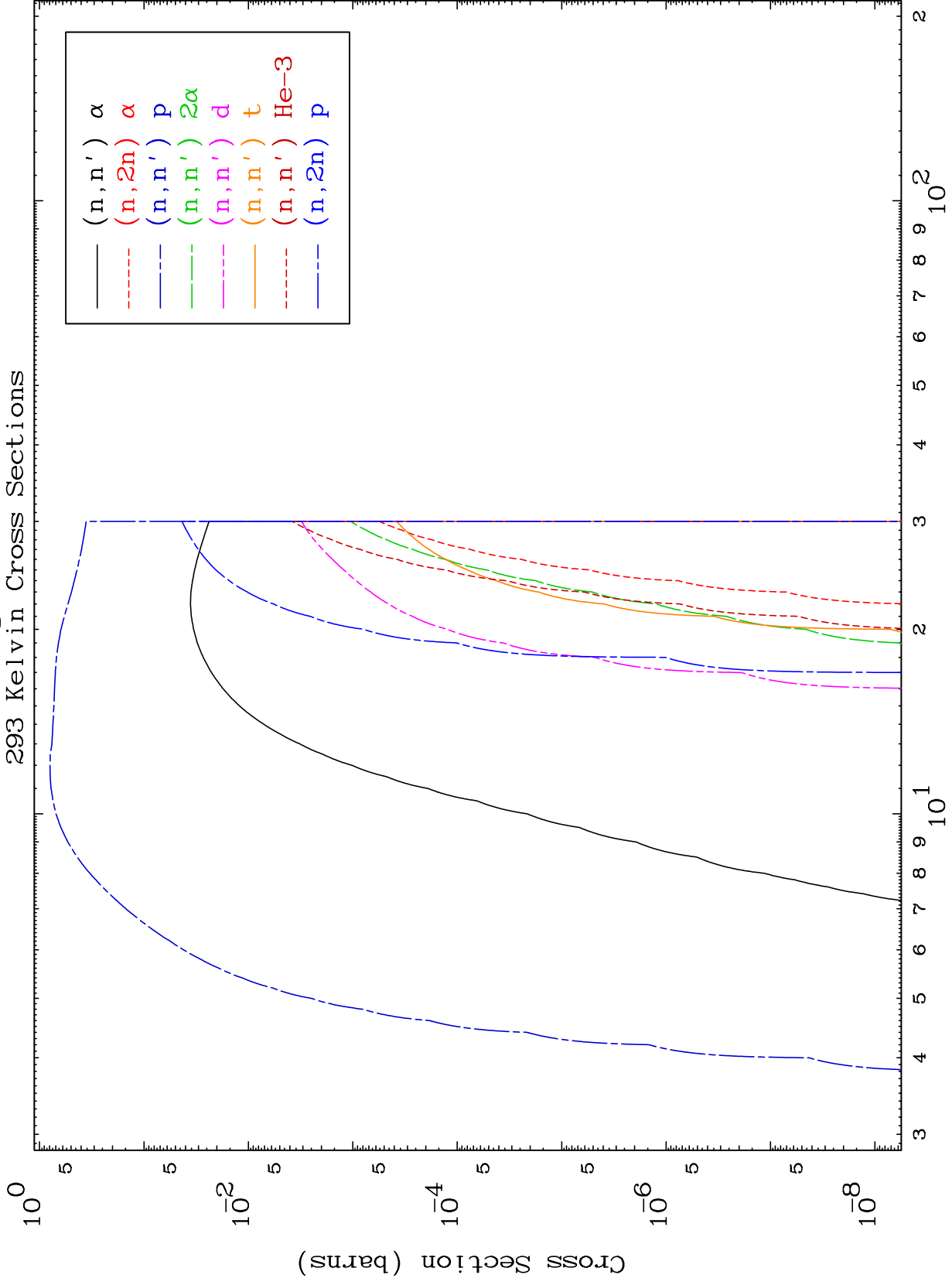
35-Br-73



MAT 3507

Charged Particle
293 Kelvin Cross Sections

35-Br-73



5

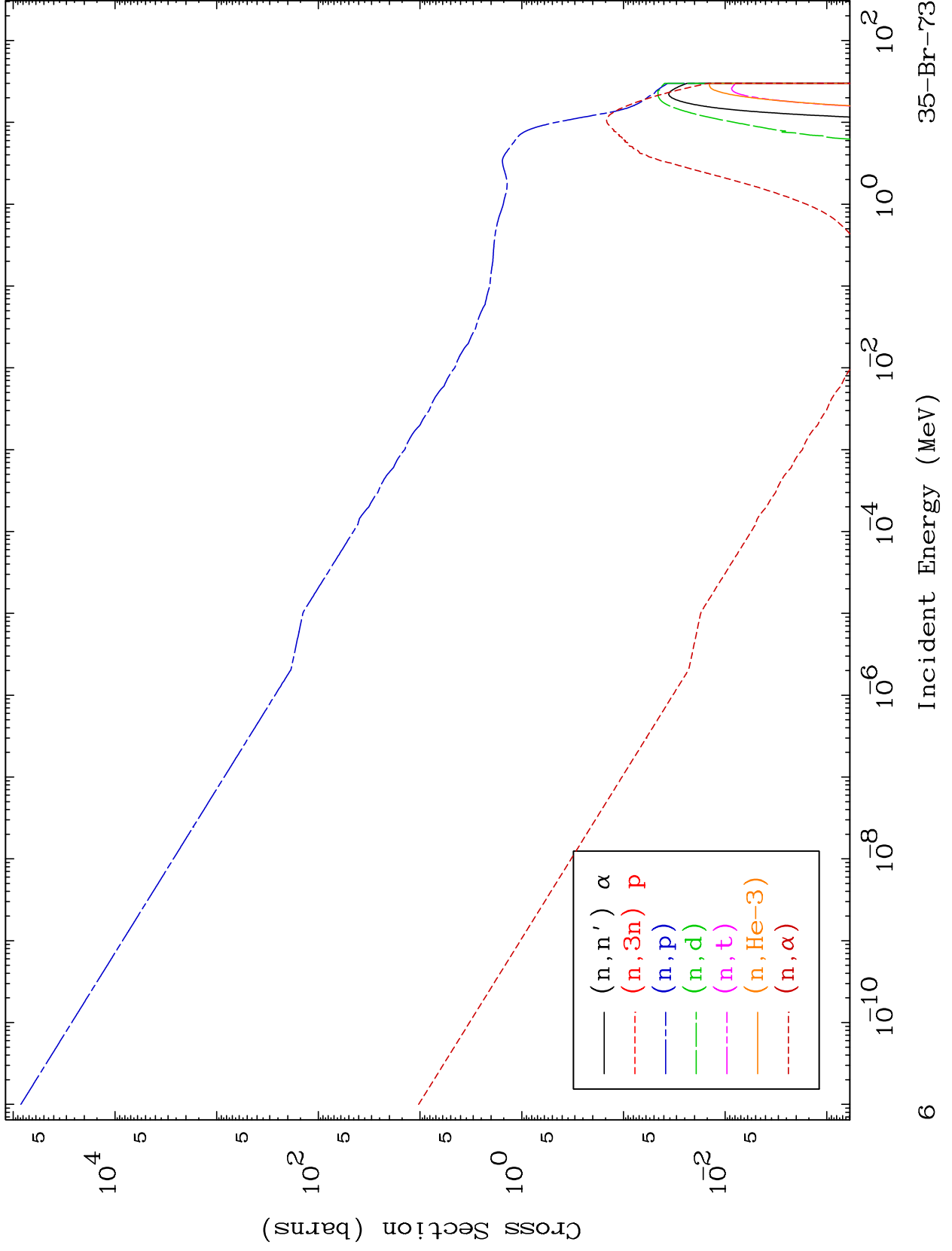
Incident Energy (MeV)

35-Br-73

MAT 3507

Charged Particle
293 Kelvin Cross Sections

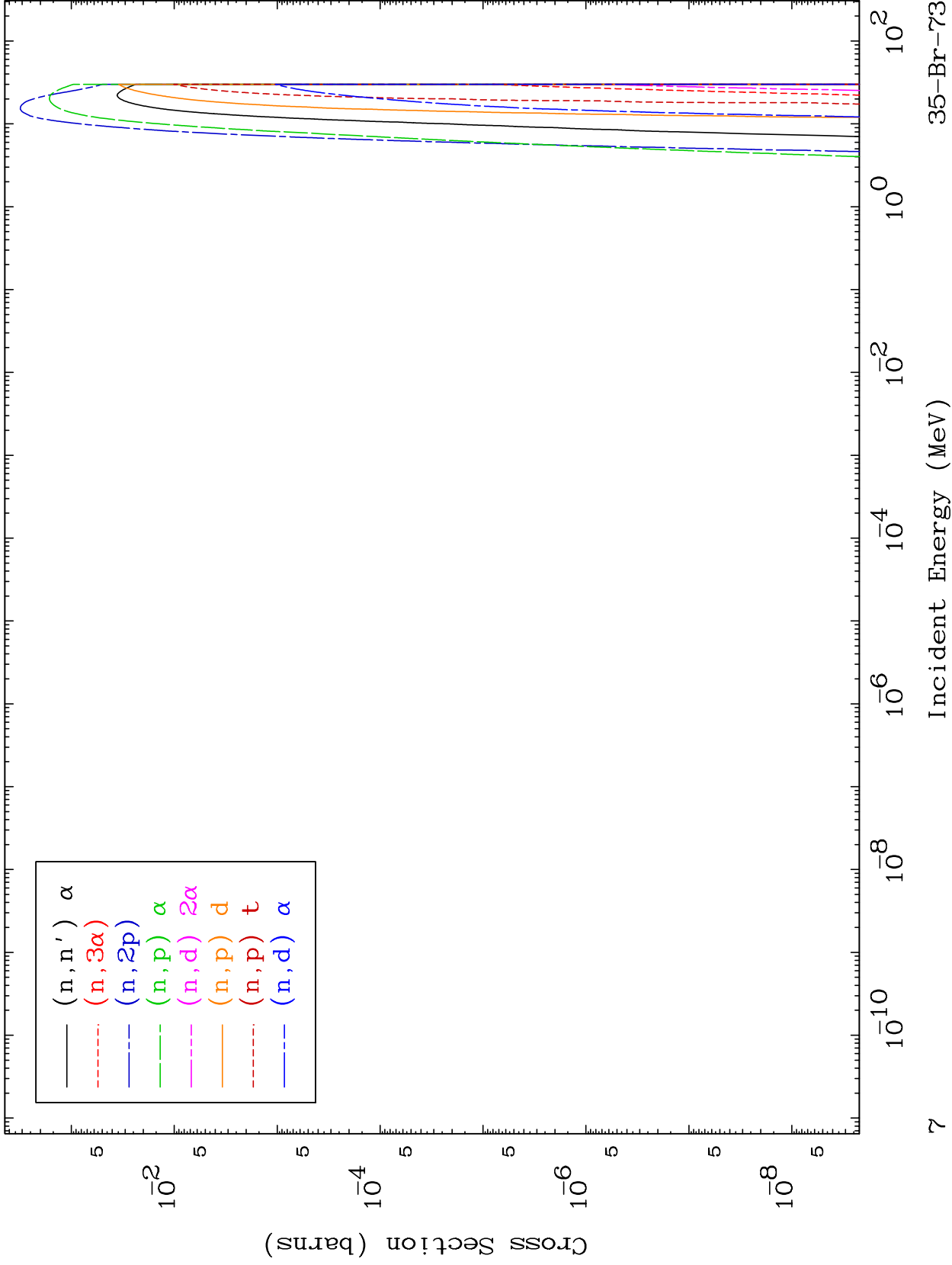
35-Br-73

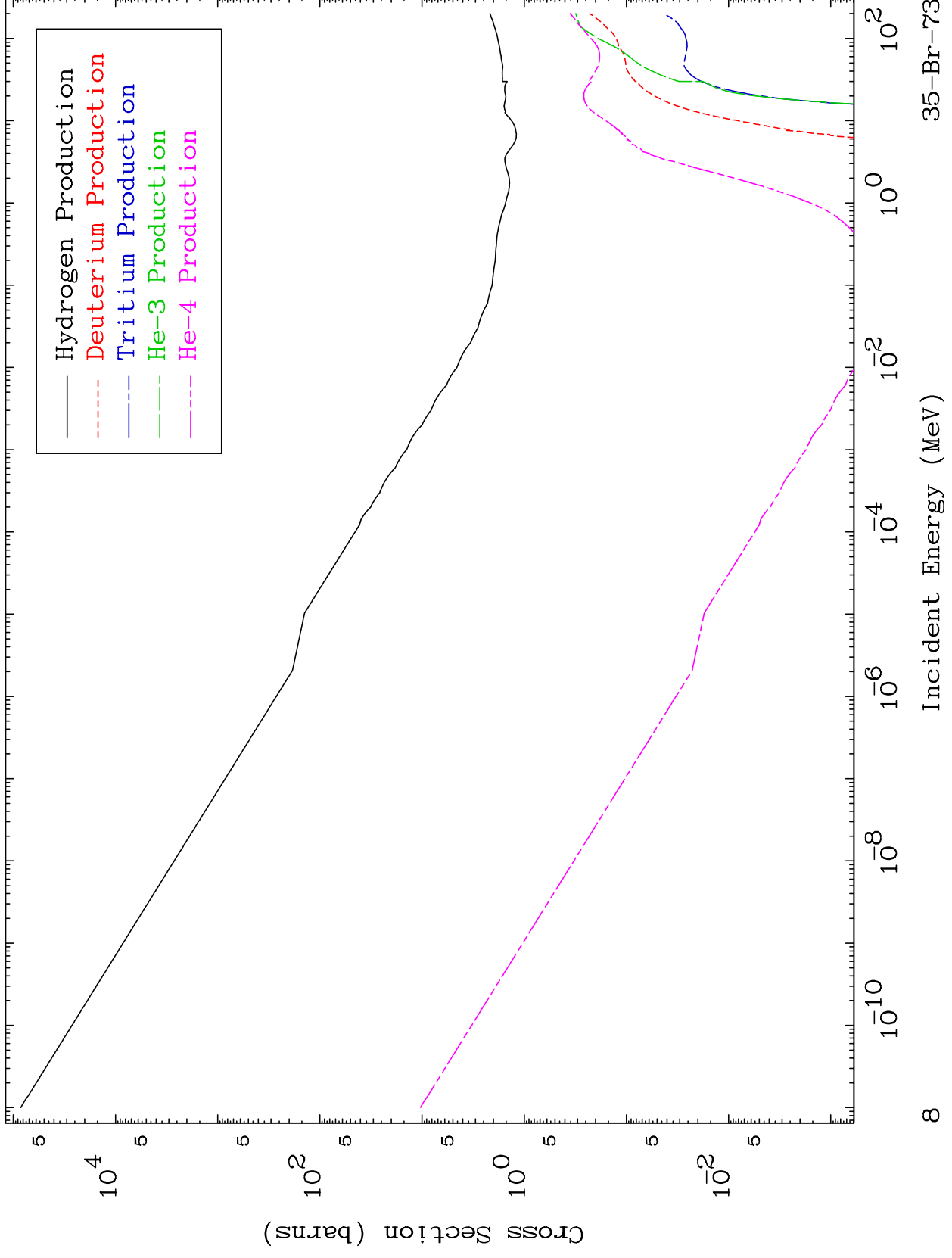


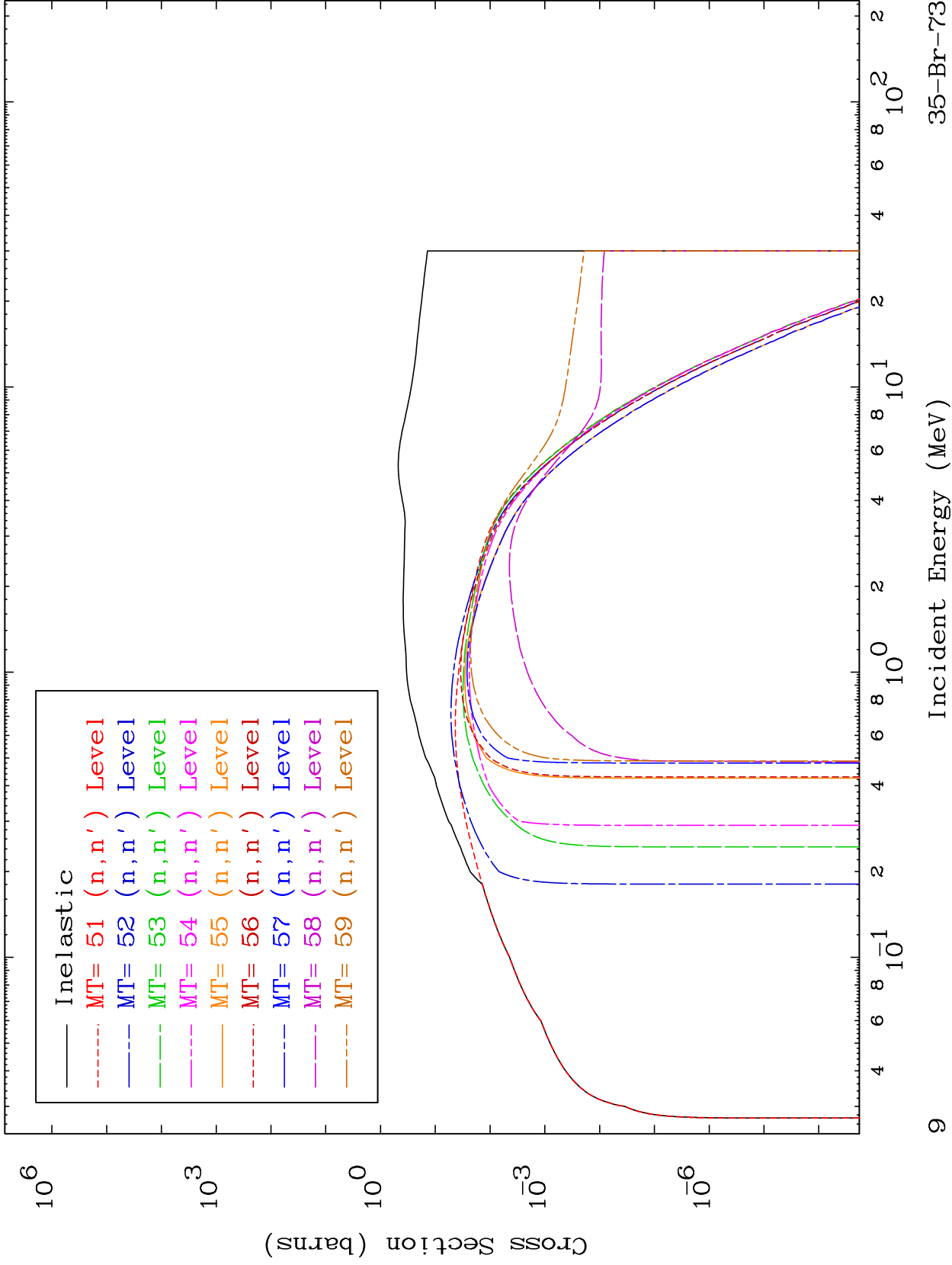
MAT 3507

Charged Particle
293 Kelvin Cross Sections

35-Br-73



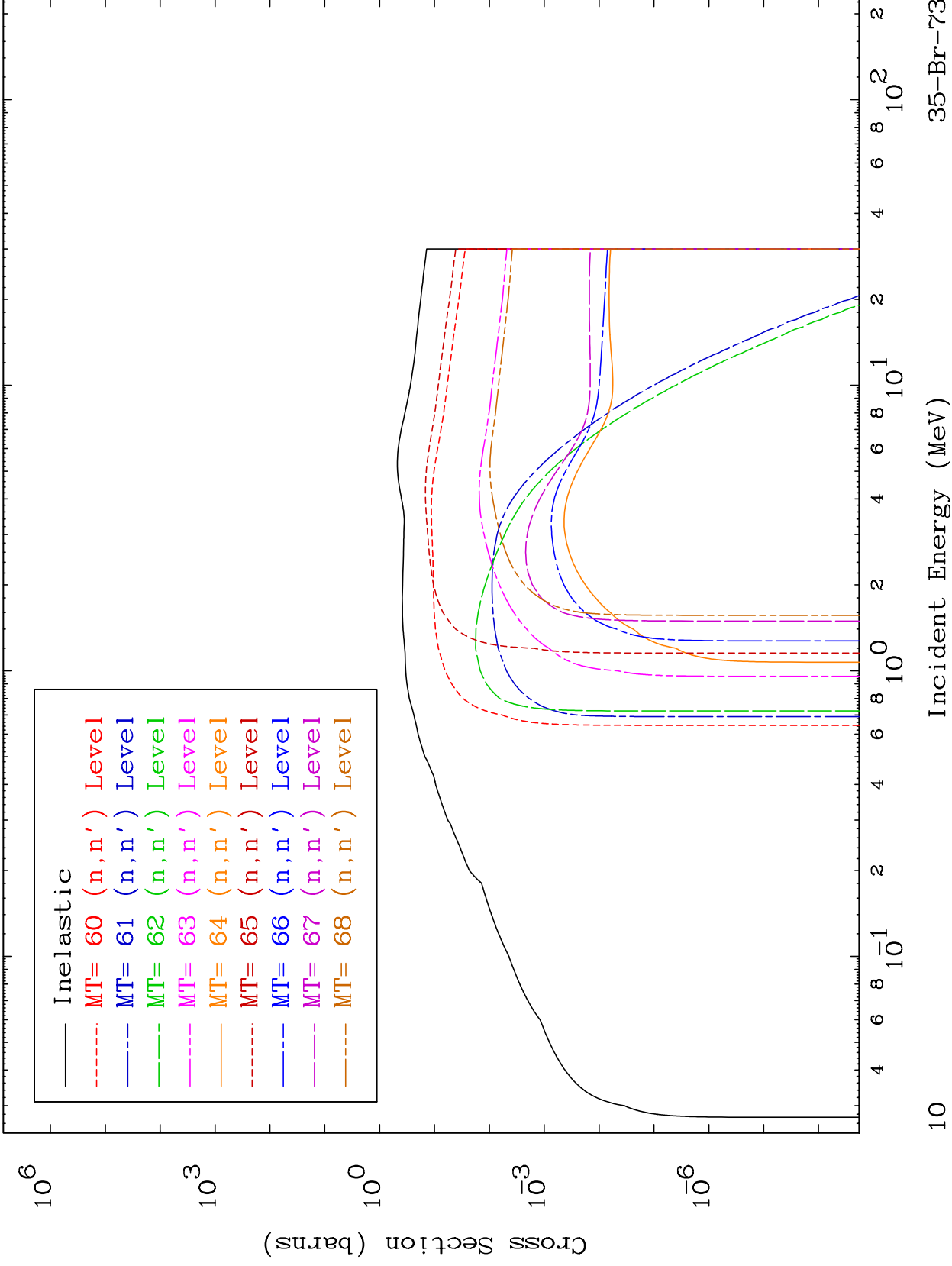




MAT 3507

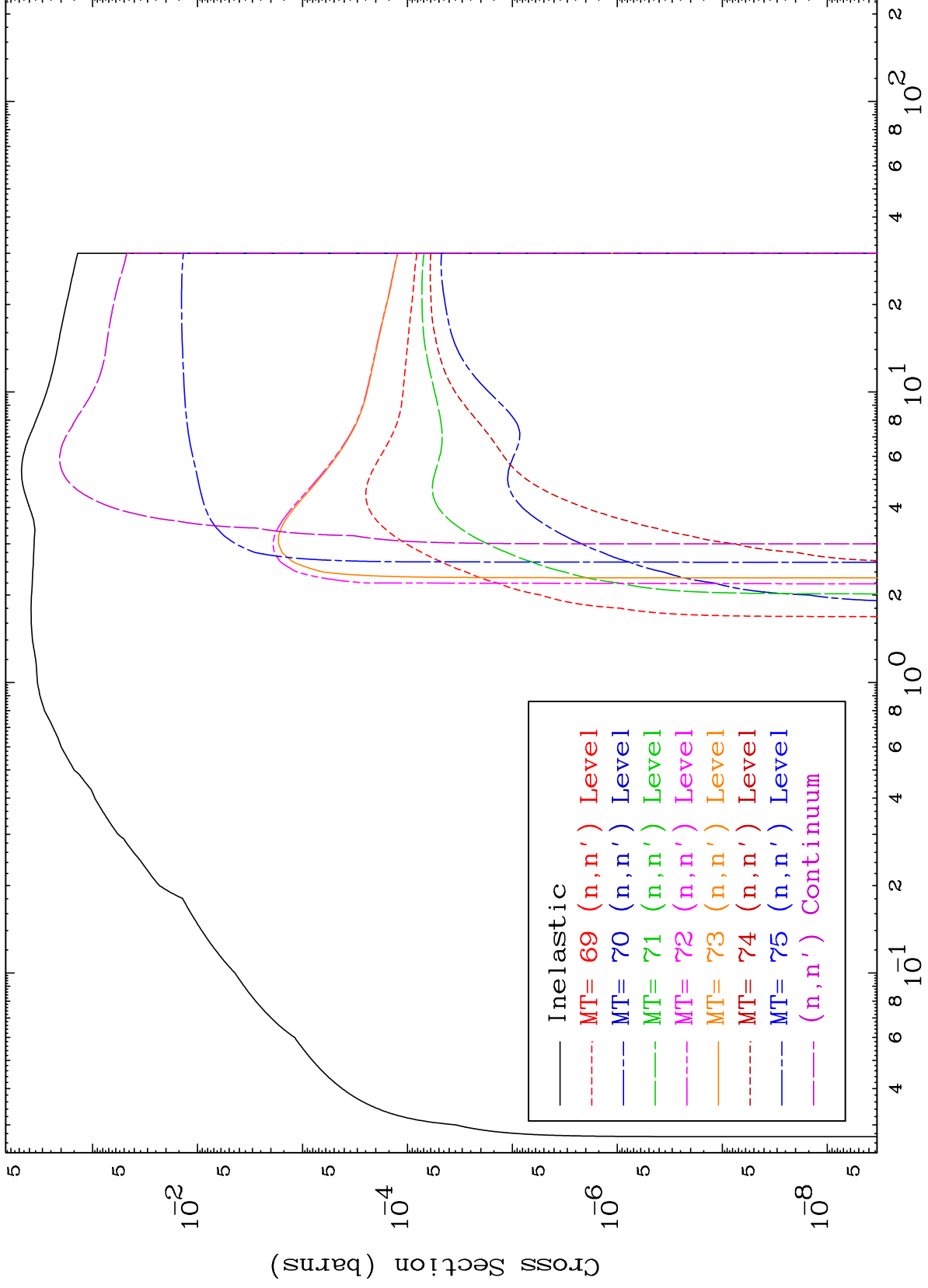
(n,n') Levels
293 Kelvin Cross Sections

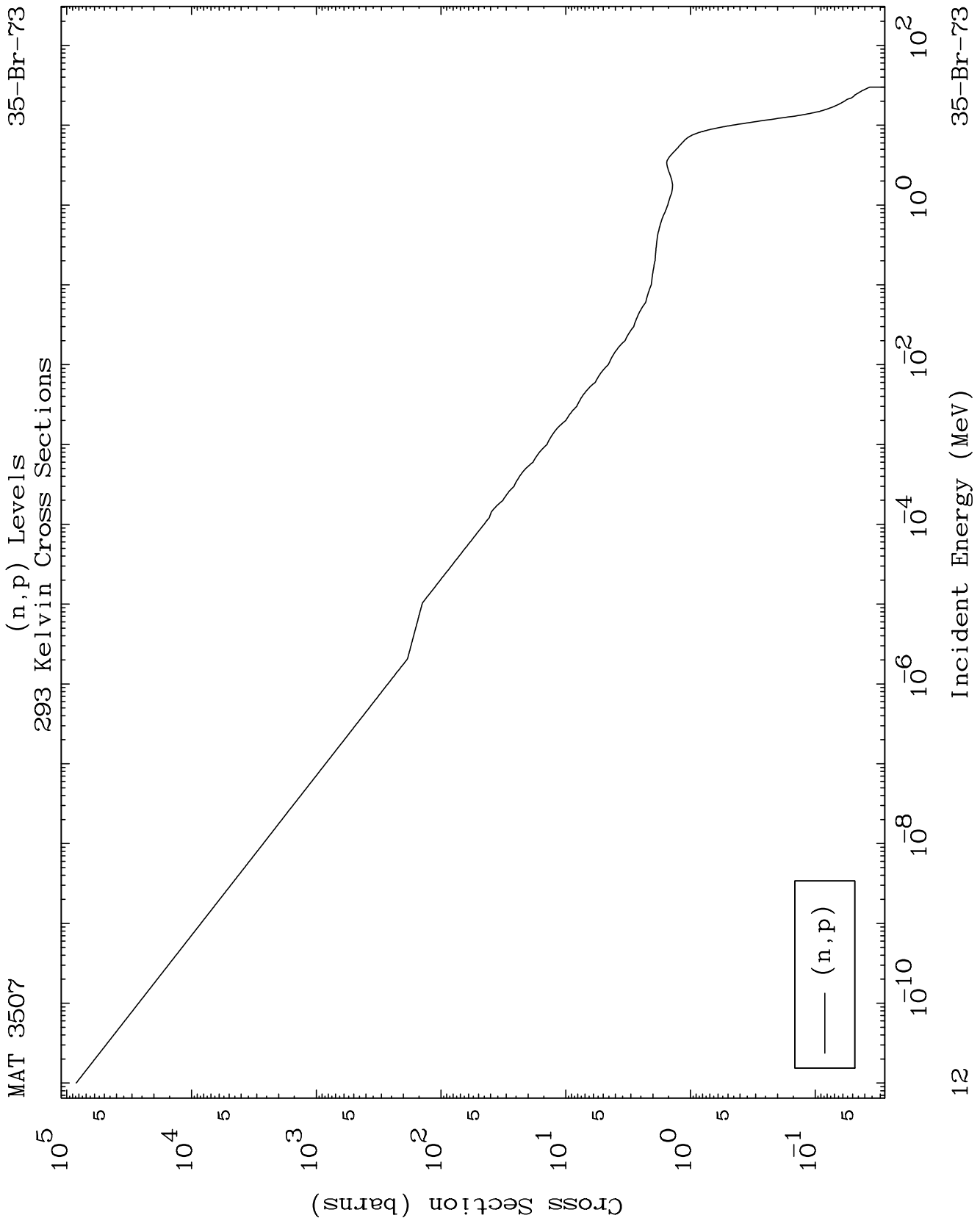
35-Br-73



10

35-Br-73

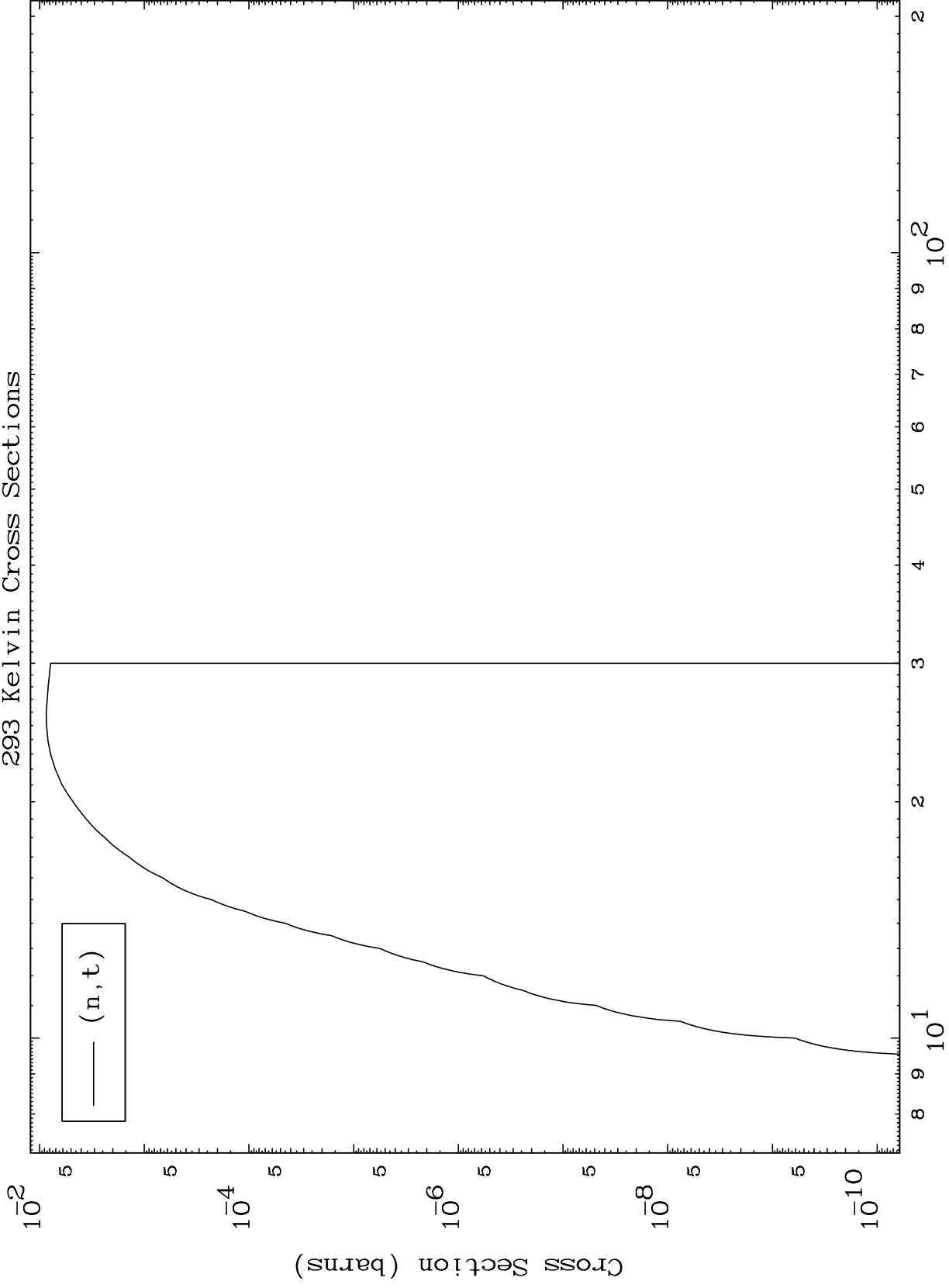




MAT 3507

(n,t) Levels
293 Kelvin Cross Sections

35-Br-73



14

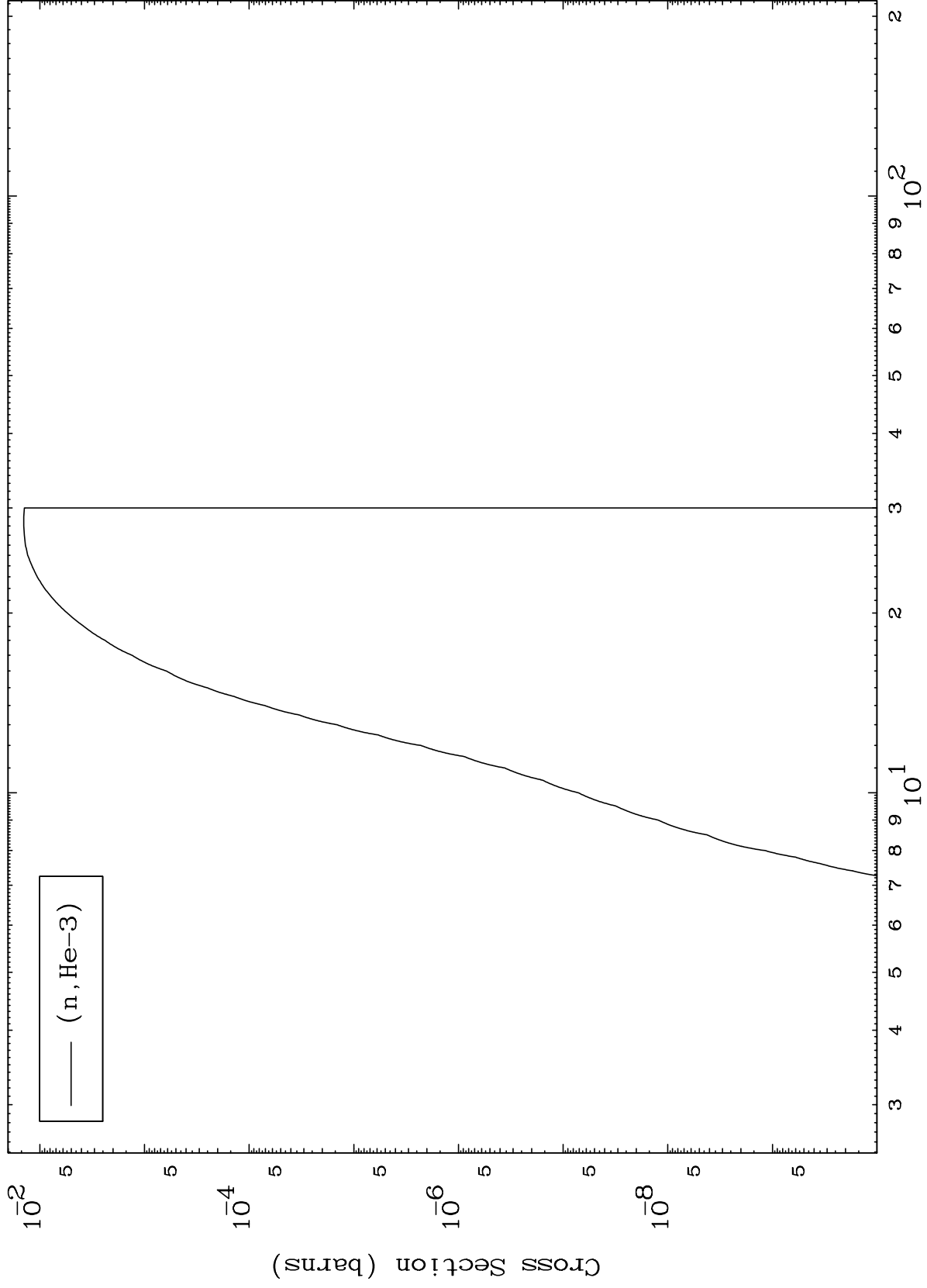
Incident Energy (MeV)

35-Br-73

MAT 3507

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-73



15

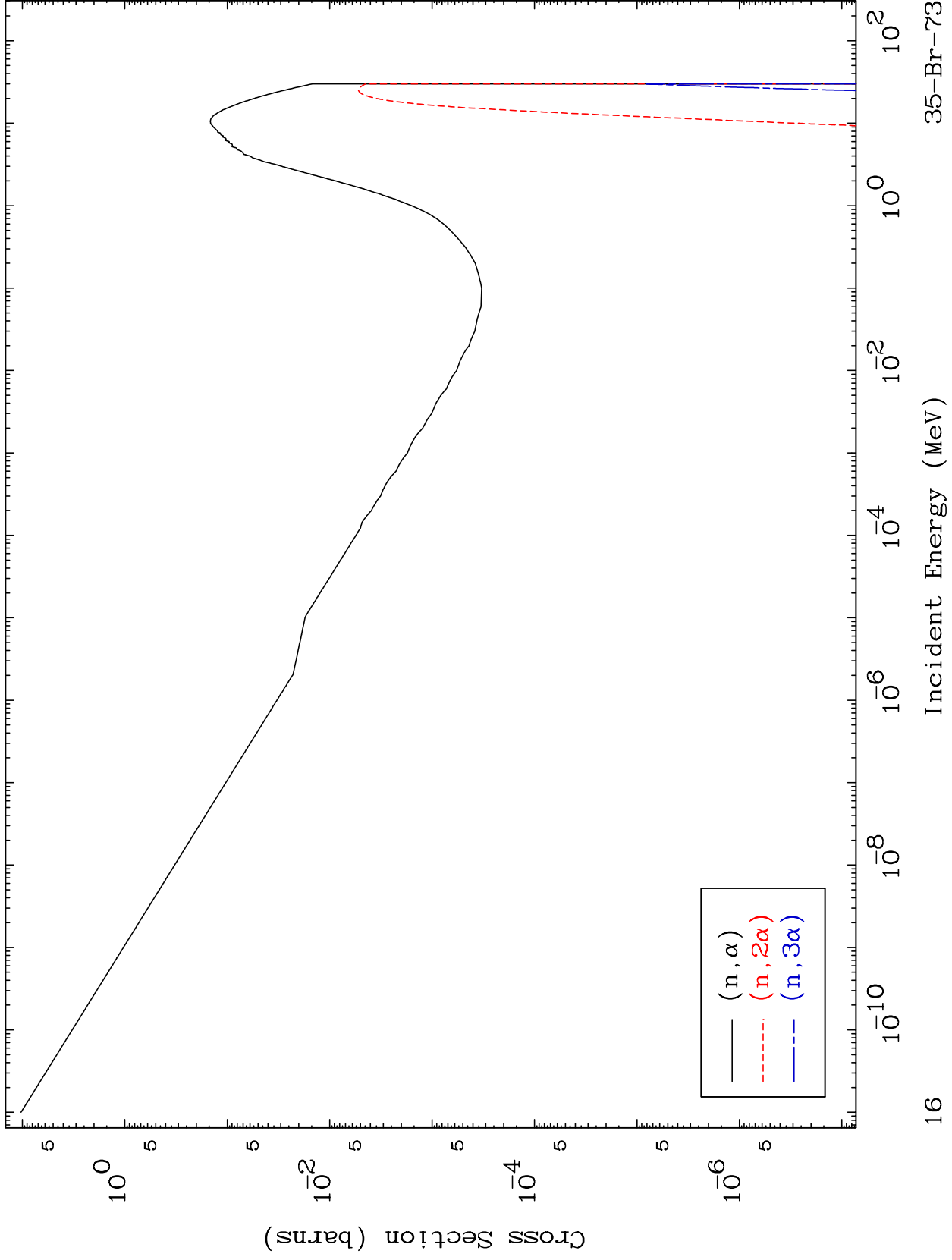
Incident Energy (MeV)

35-Br-73

MAT 3507

(n,α) Levels
293 Kelvin Cross Sections

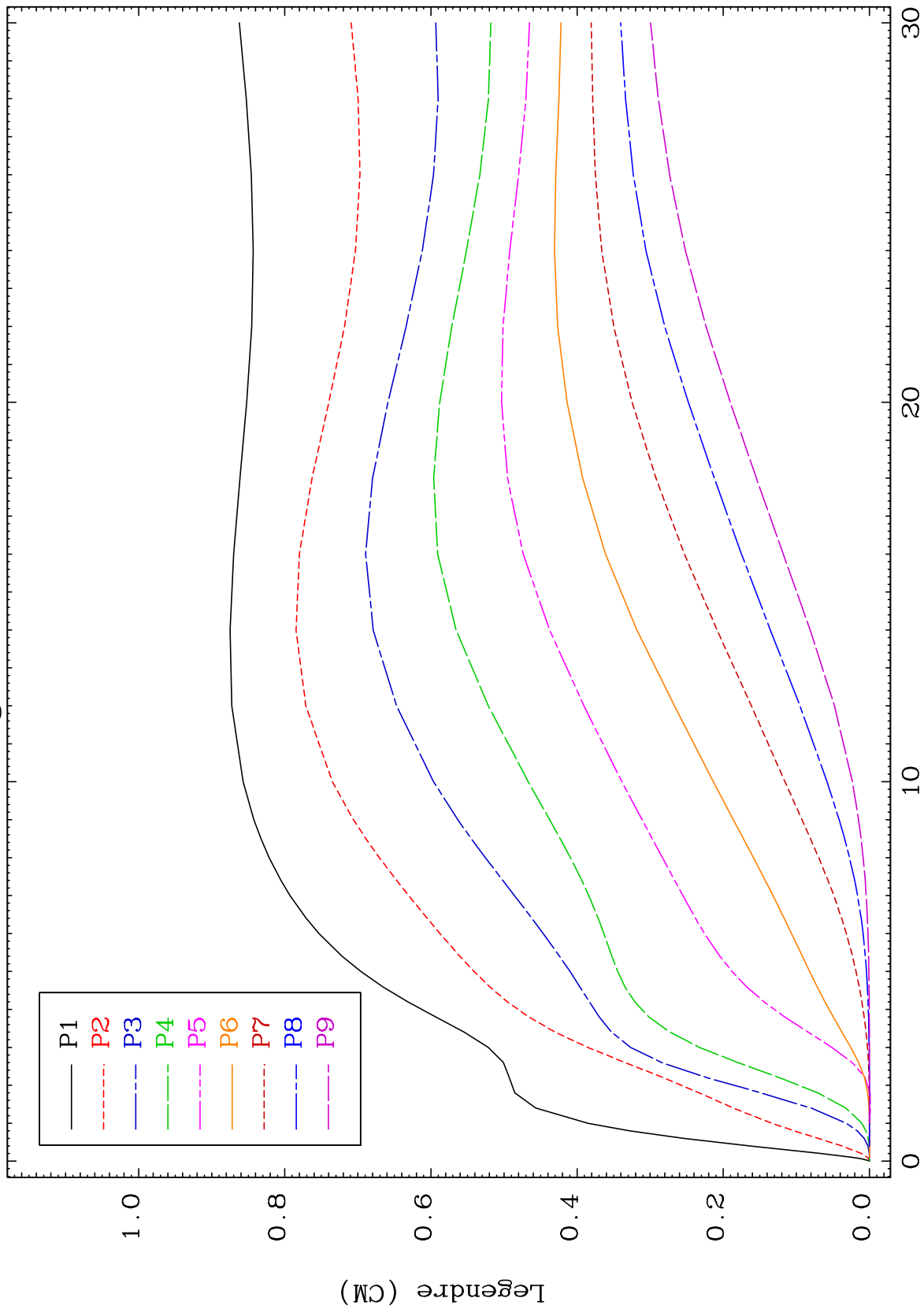
35-Br-73



MAT 3507

Elastic Legendre Coefficients

³⁵Br-73



17

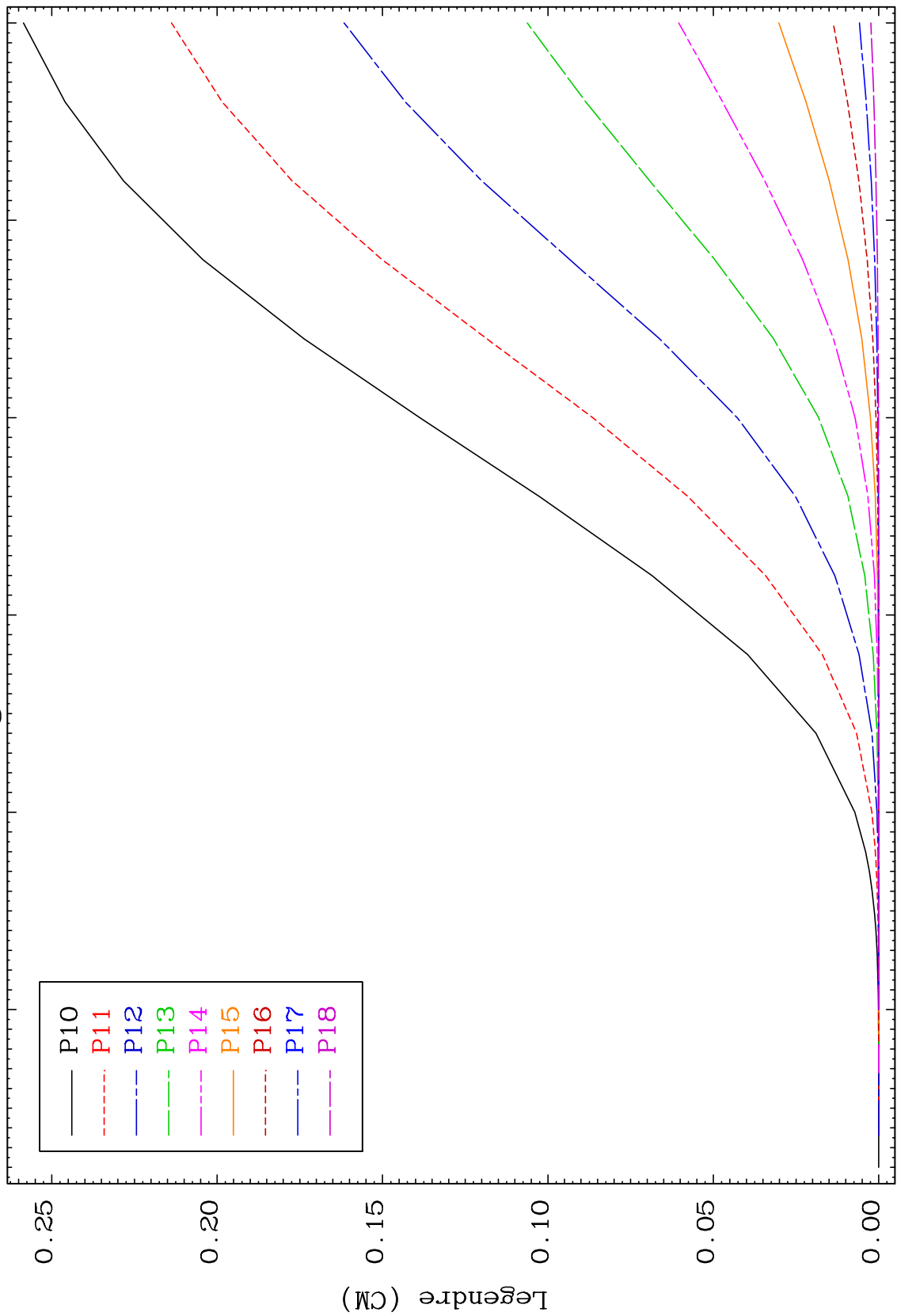
Incident Energy (MeV)

³⁵Br-73

MAT 3507

Elastic Legendre Coefficients

³⁵Br-73



18

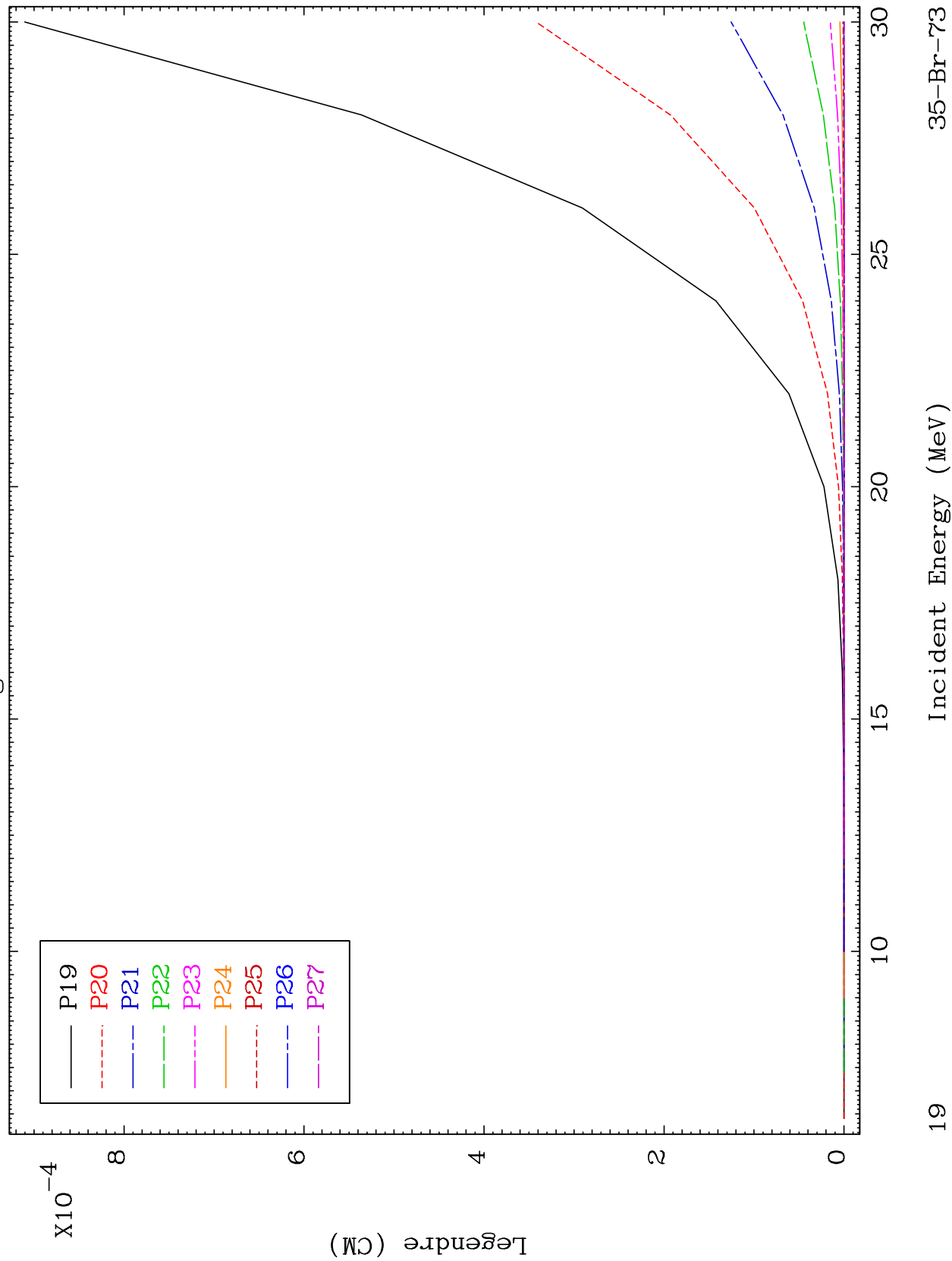
Incident Energy (MeV)

³⁵Br-73

MAT 3507

Elastic Legendre Coefficients

³⁵Br-73



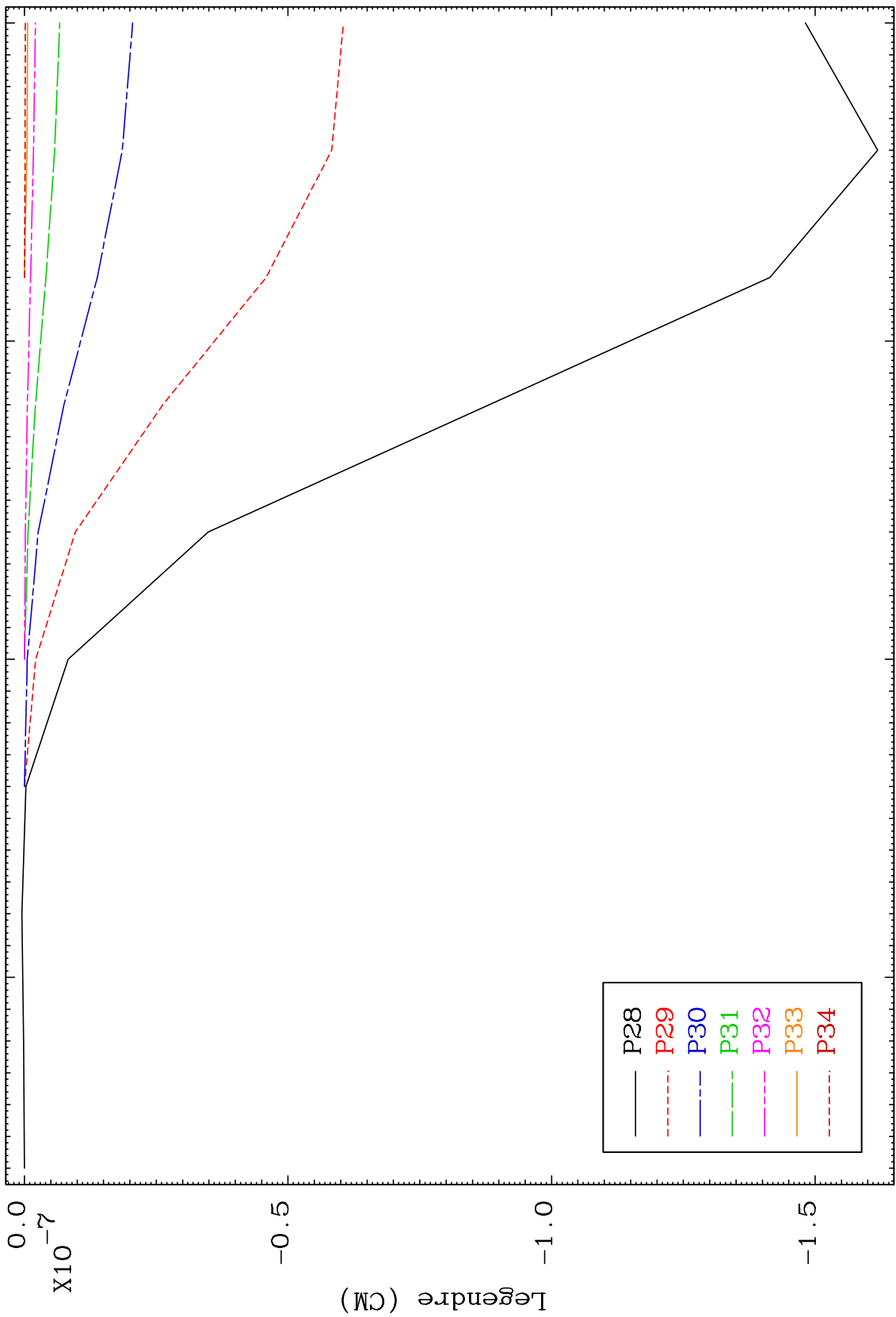
19

³⁵Br-73

MAT 3507

35-Br-73

Elastic Legendre Coefficients



10^{-7}

Legendre (CM)

Incident Energy (MeV)

35-Br-73

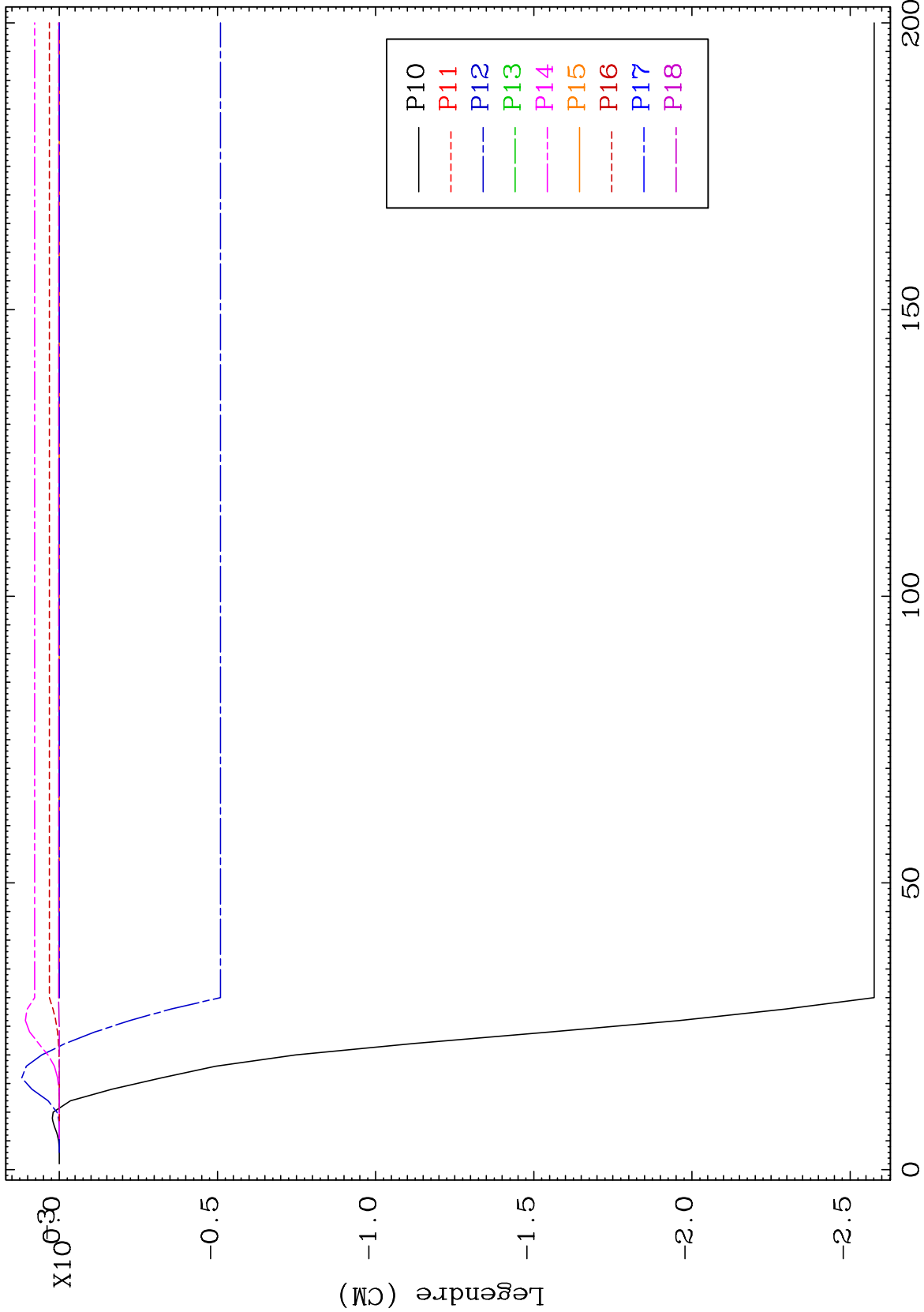
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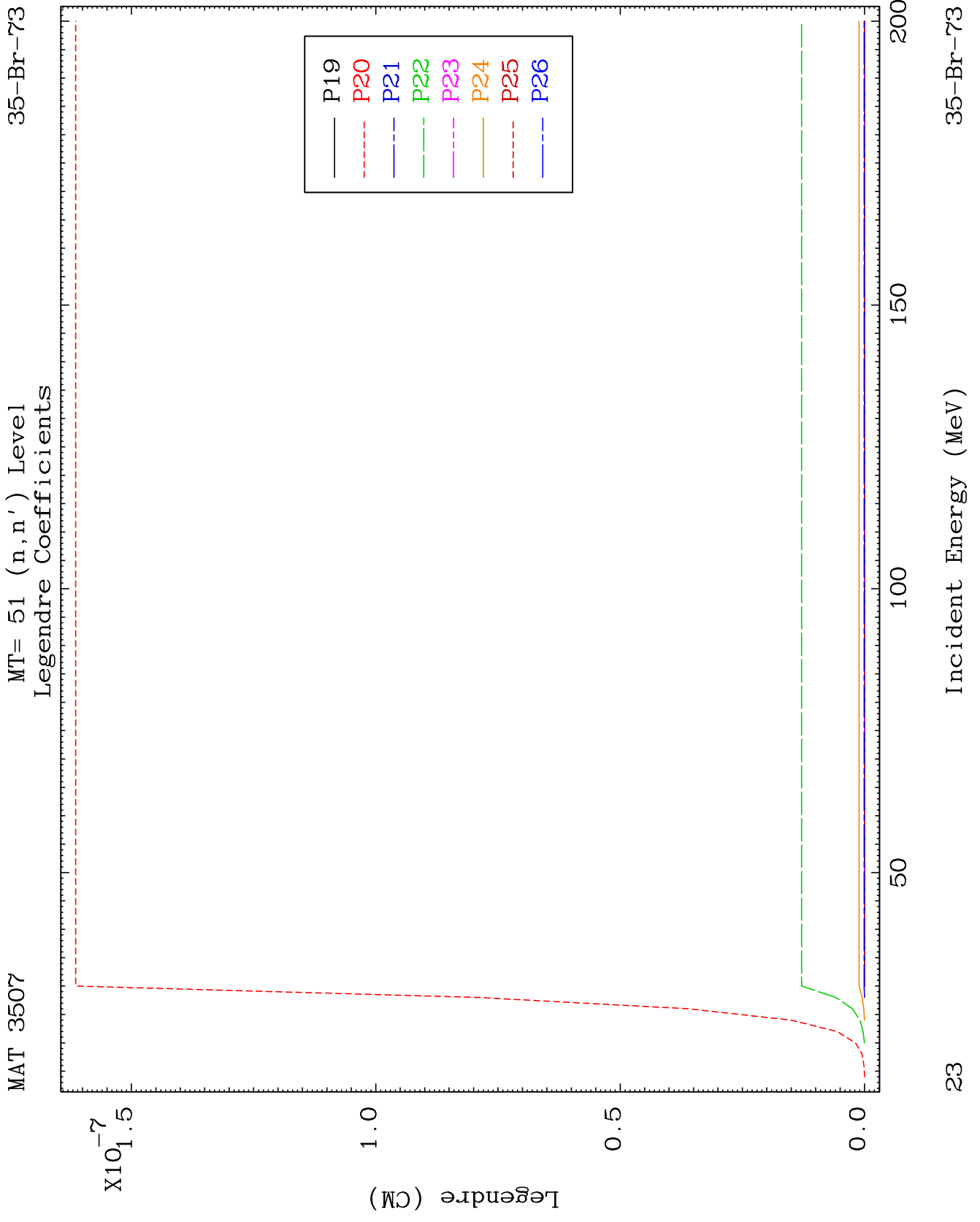
- P28
- P29
- P30
- P31
- P32
- P33
- P34

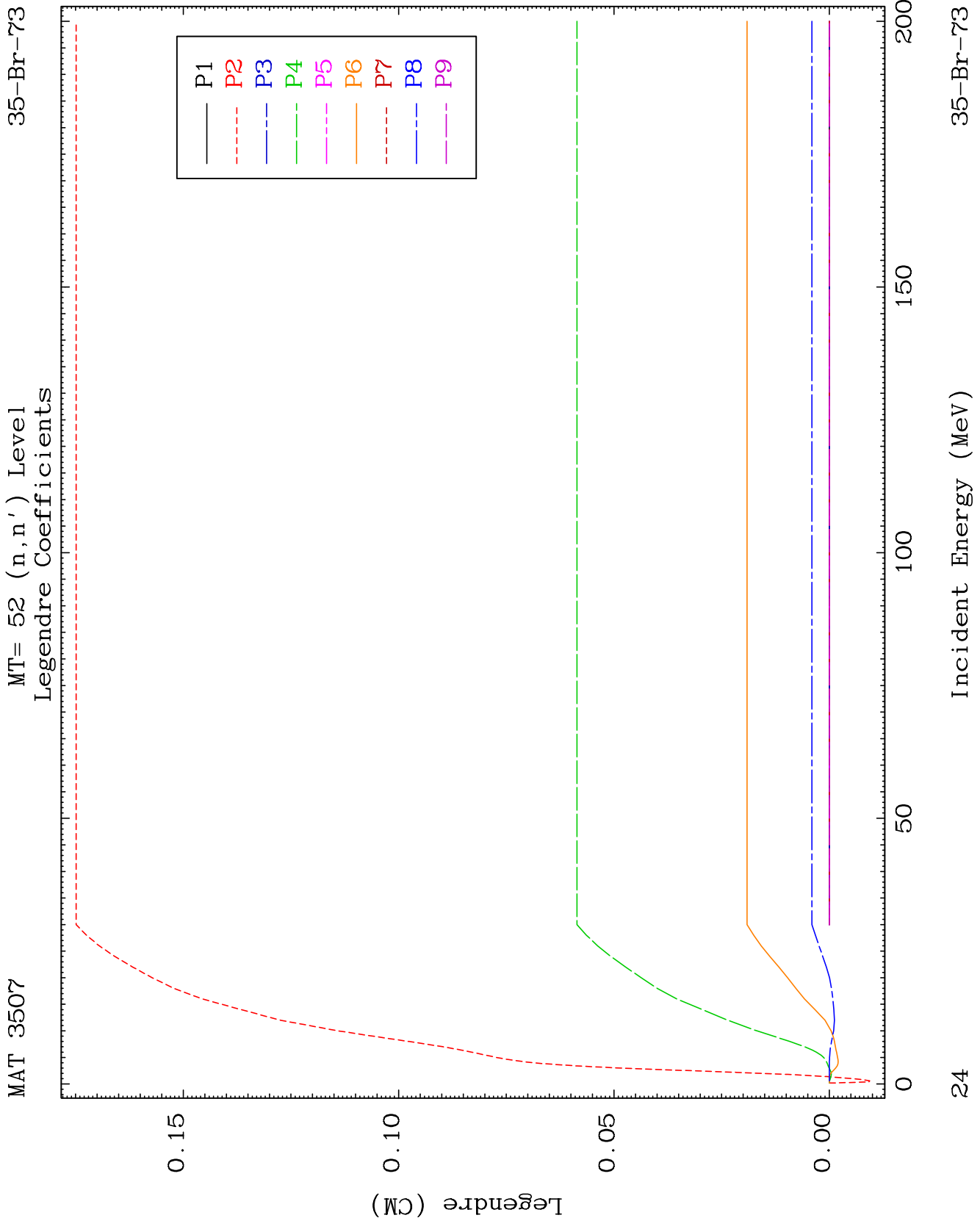
MAT 3507

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

35-Br-73



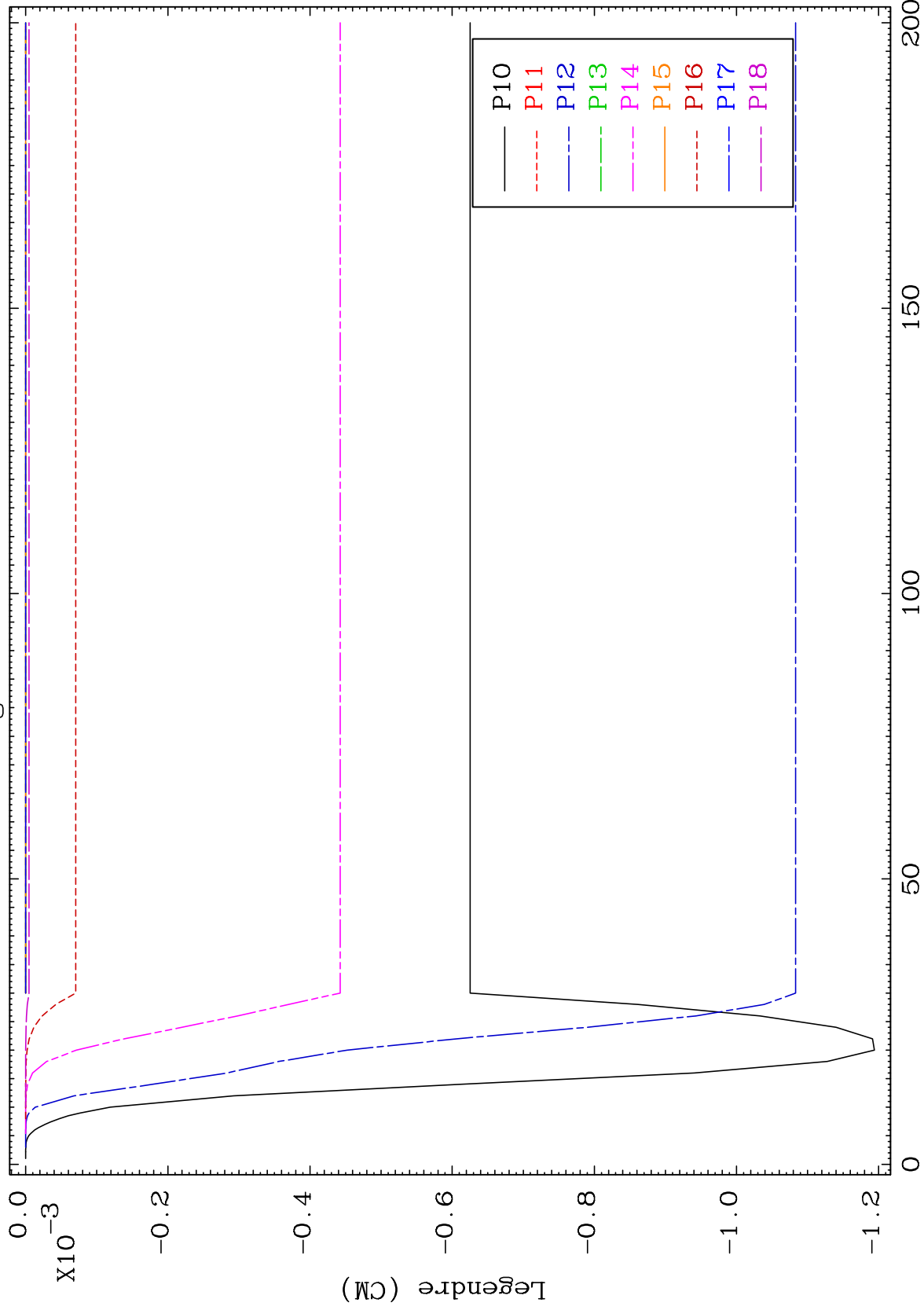




MAT 3507

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

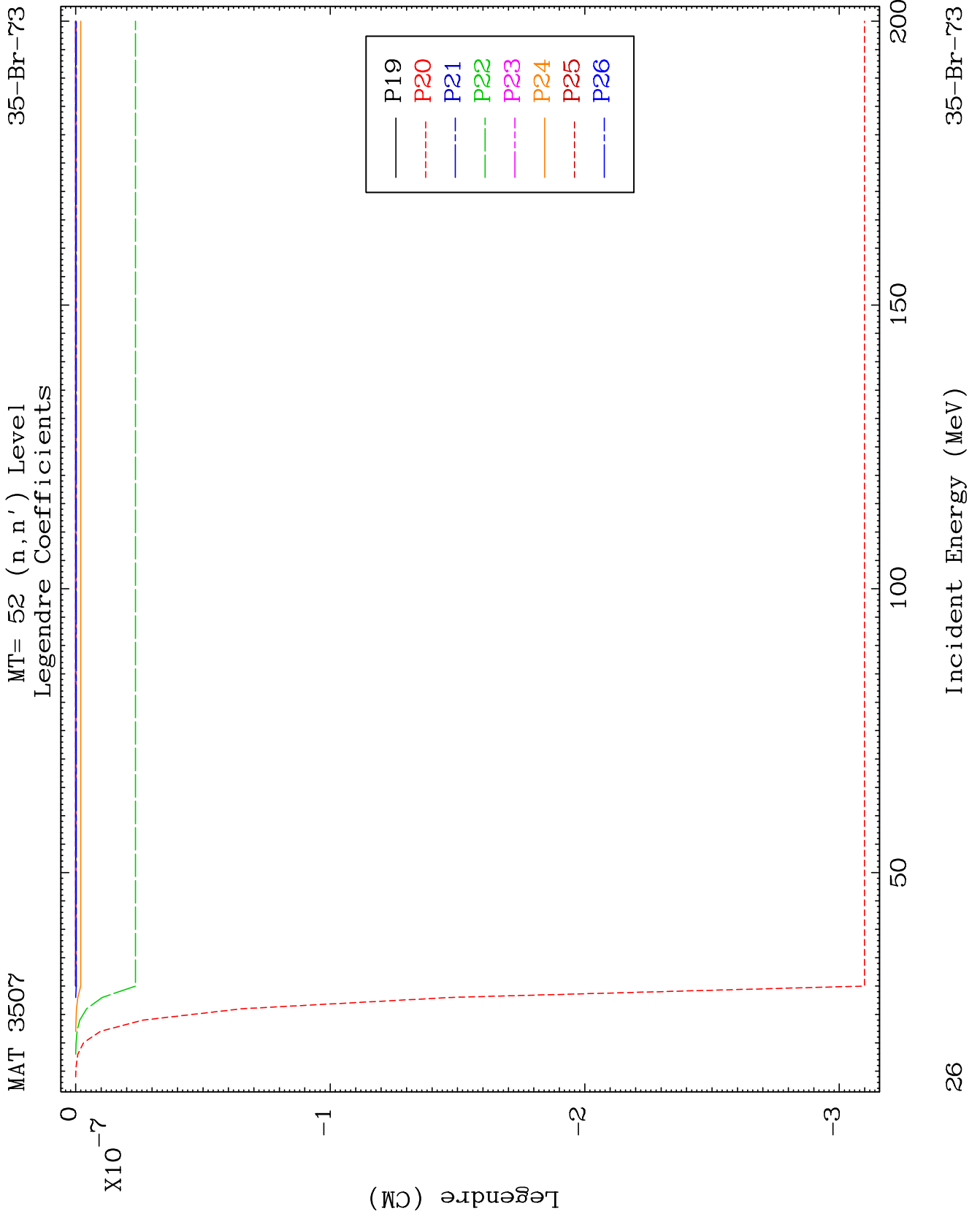
35-Br-73

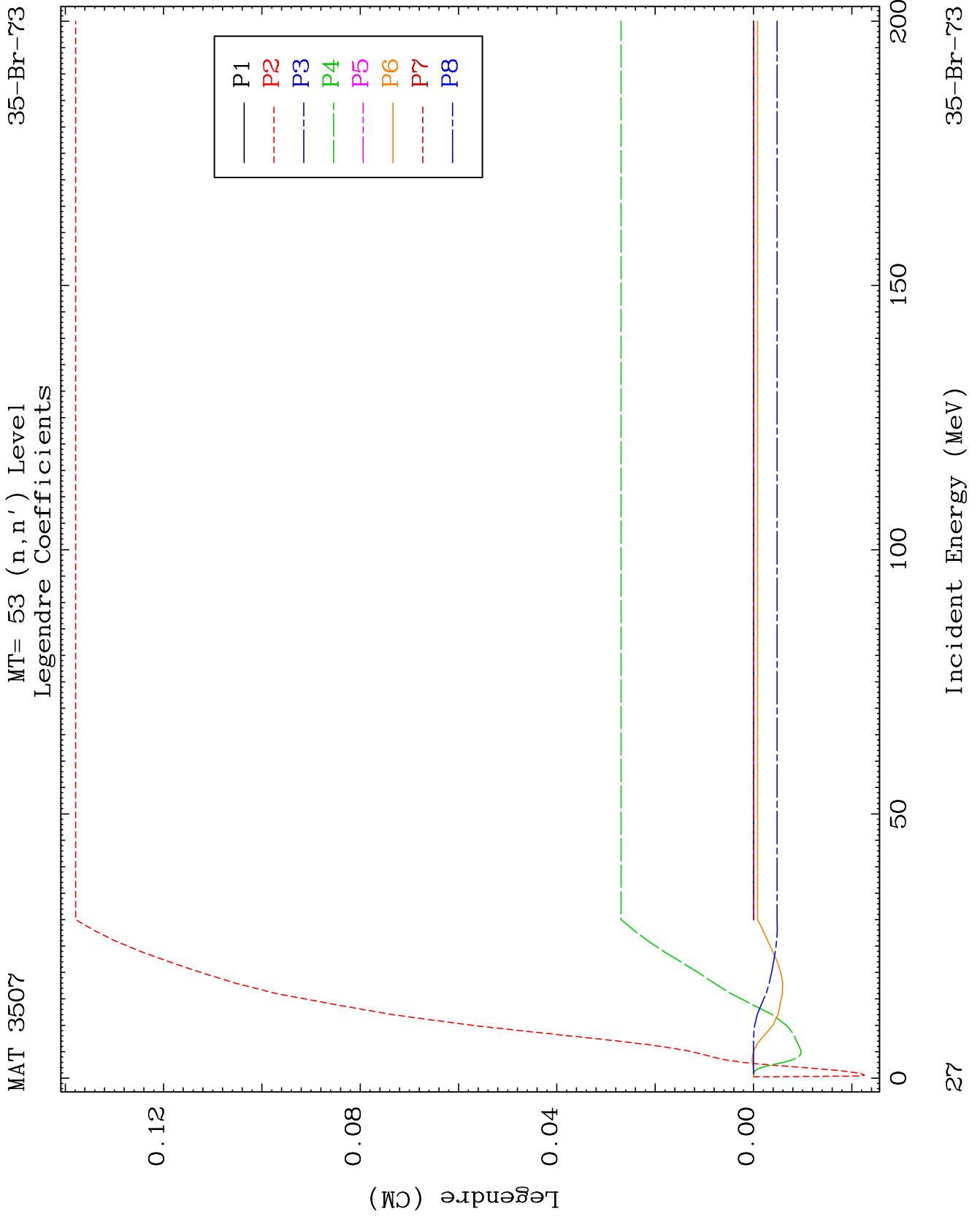


25

Incident Energy (MeV)

35-Br-73

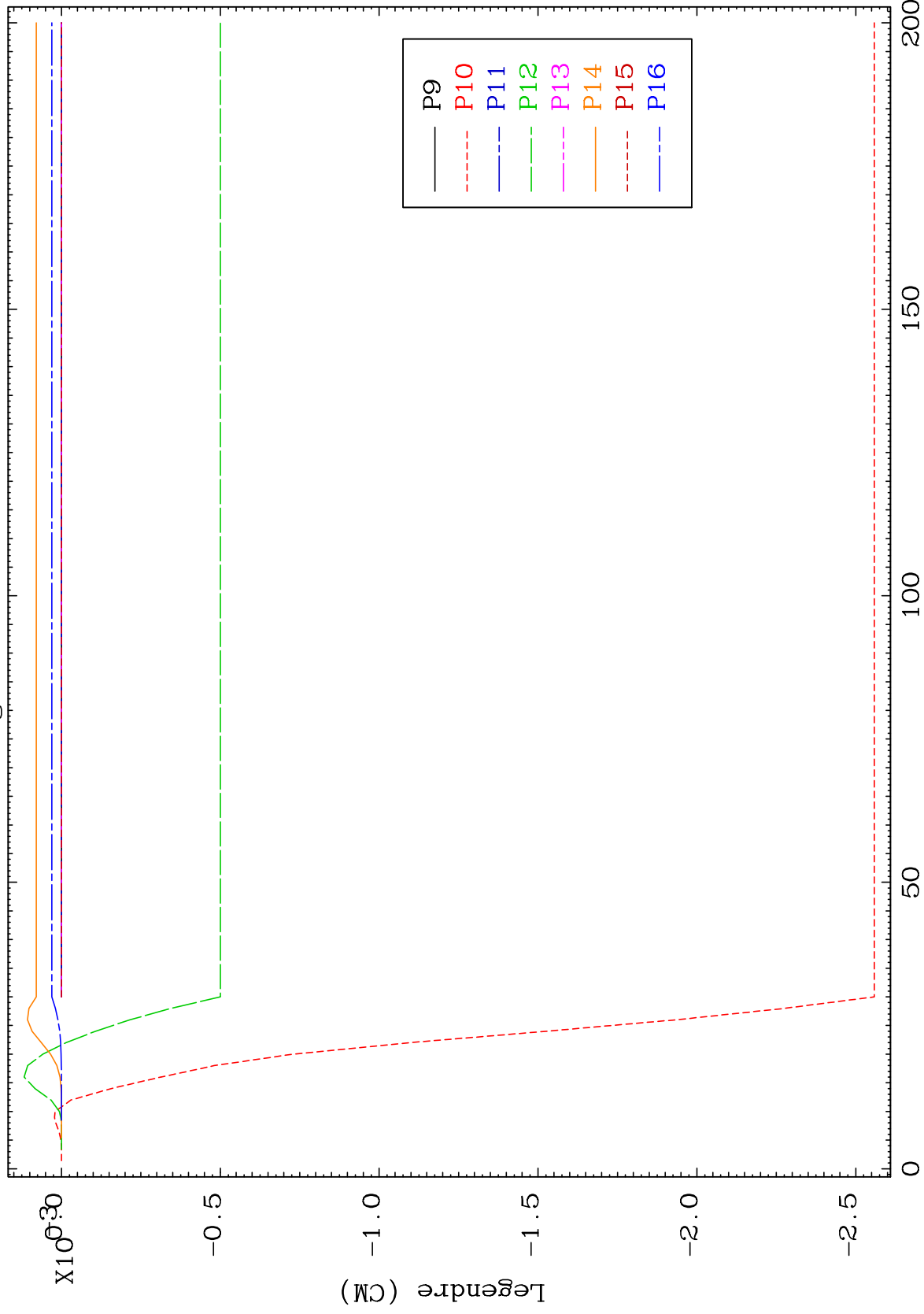




MAT 3507

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

35-Br-73

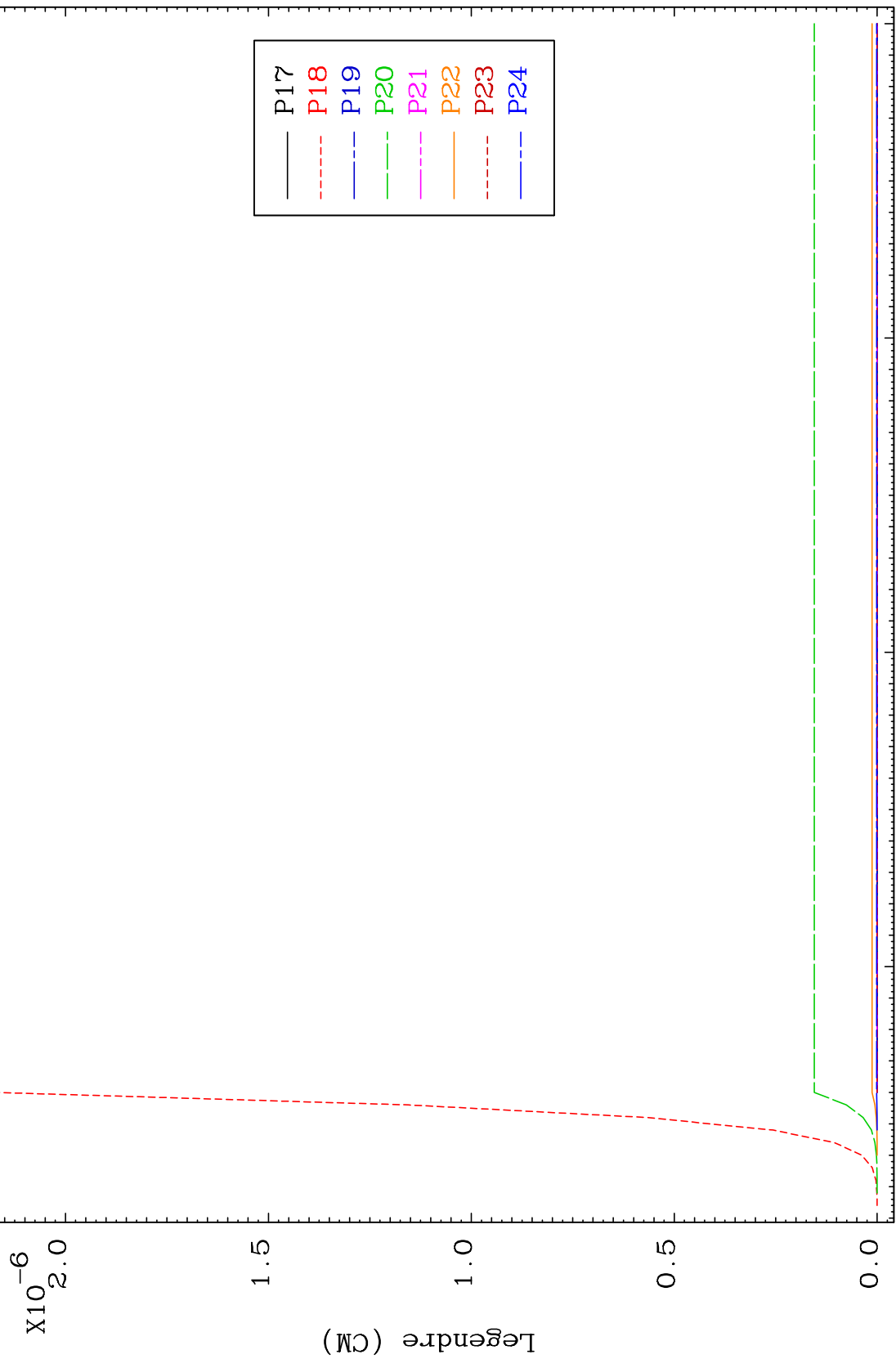


28

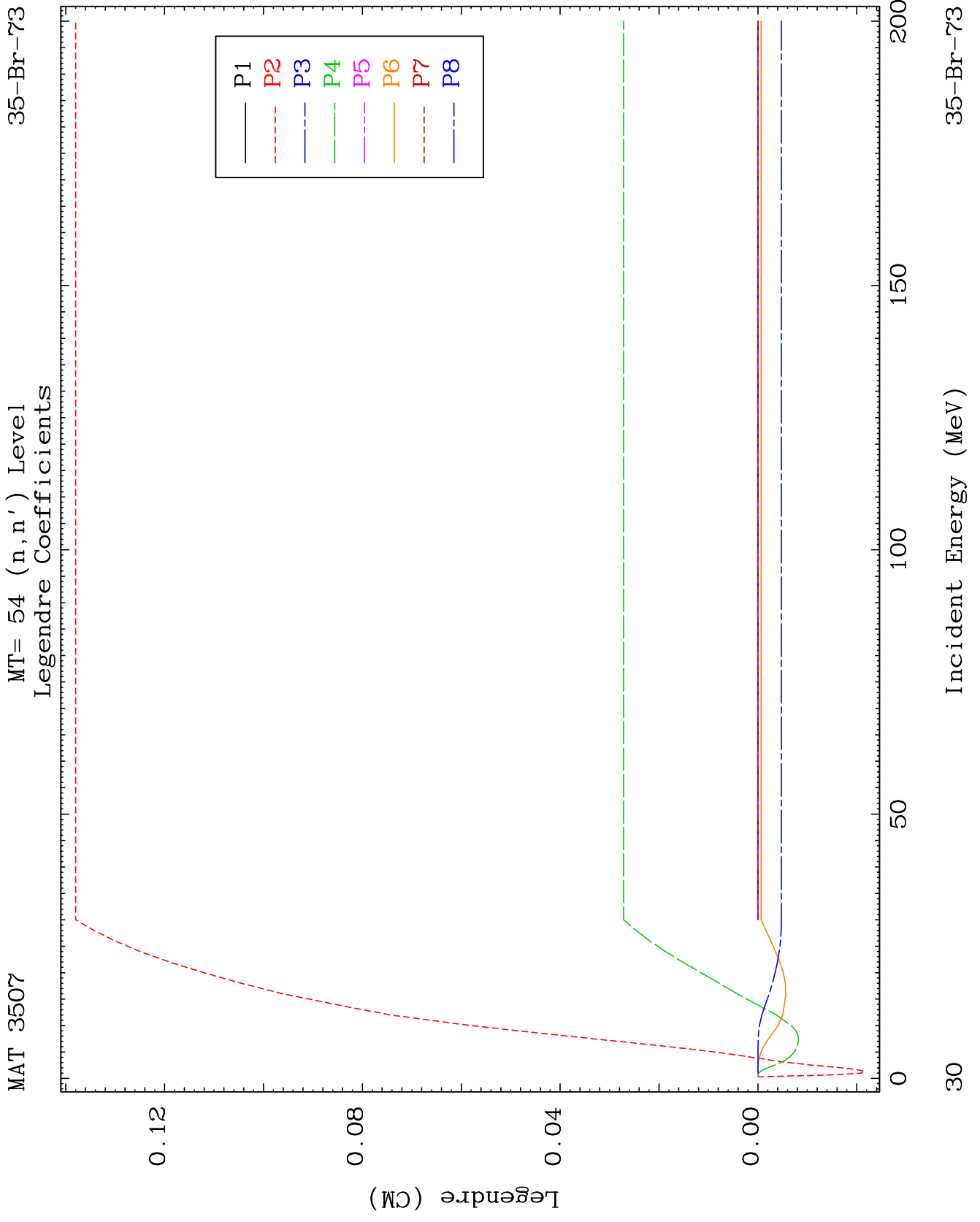
Incident Energy (MeV)

35-Br-73

MAT 3507 MT= 53 (n,n') Level Legendre Coefficients 35-Br-73



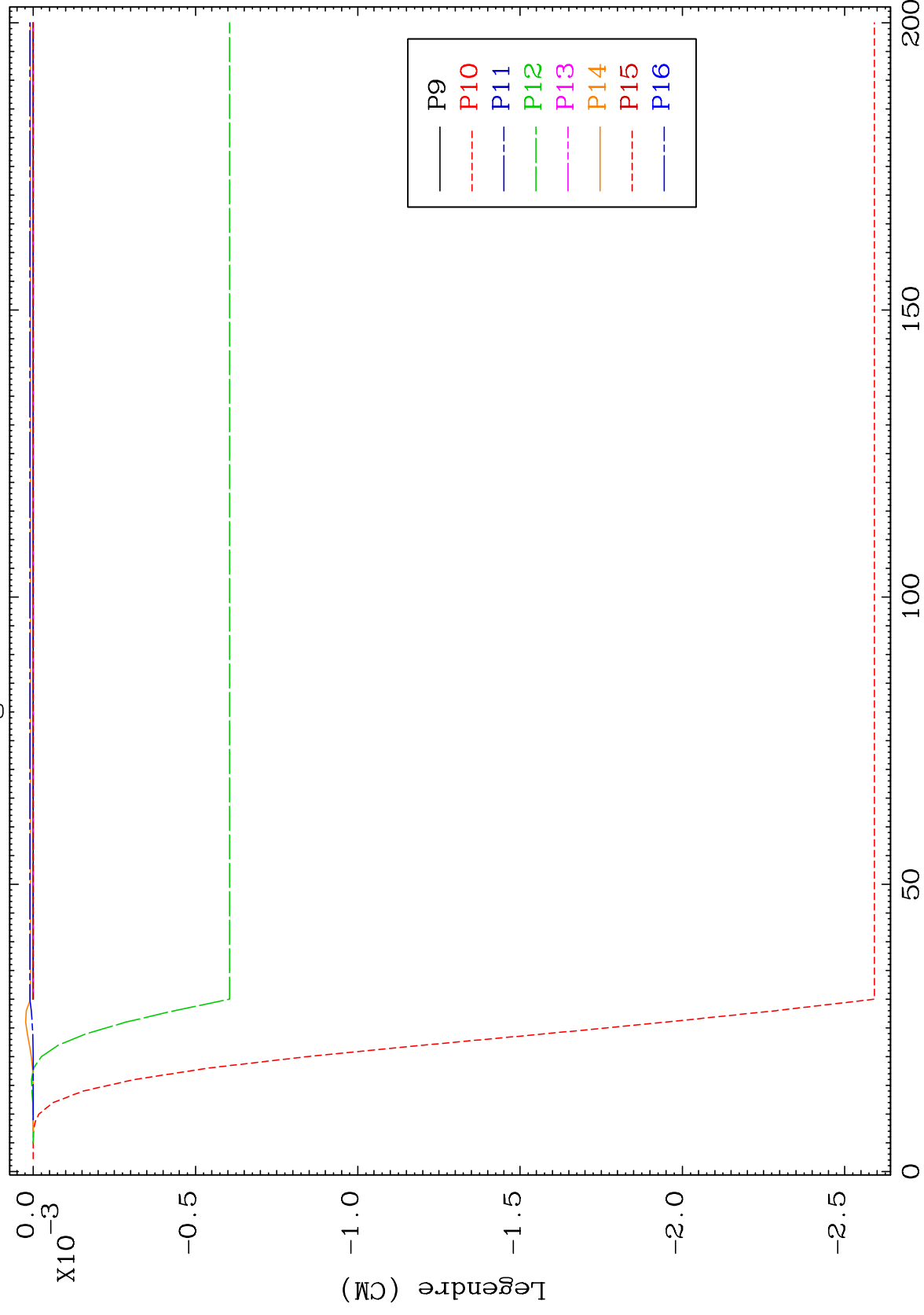
29 Incident Energy (MeV) 35-Br-73



MAT 3507

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

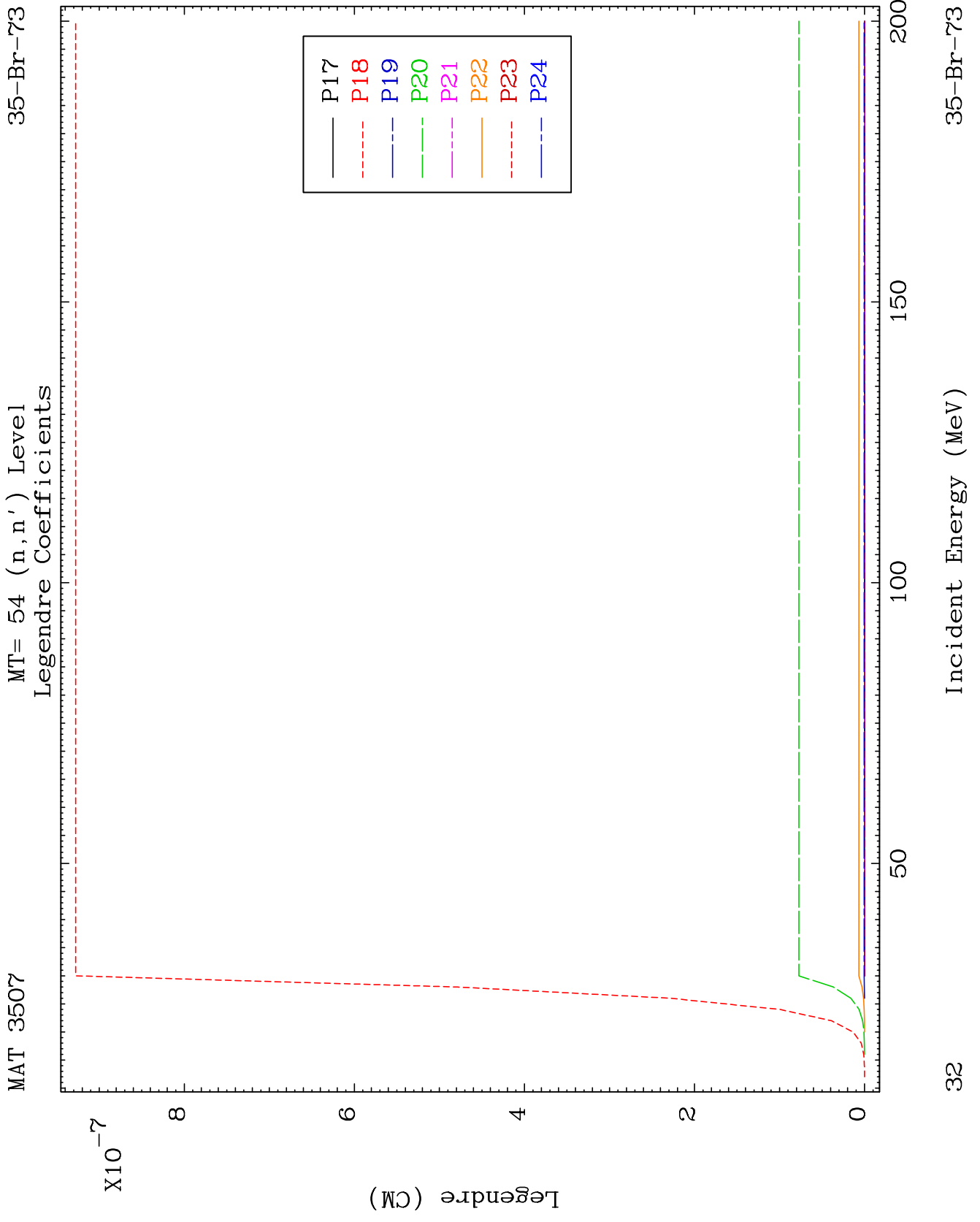
35-Br-73



31

Incident Energy (MeV)

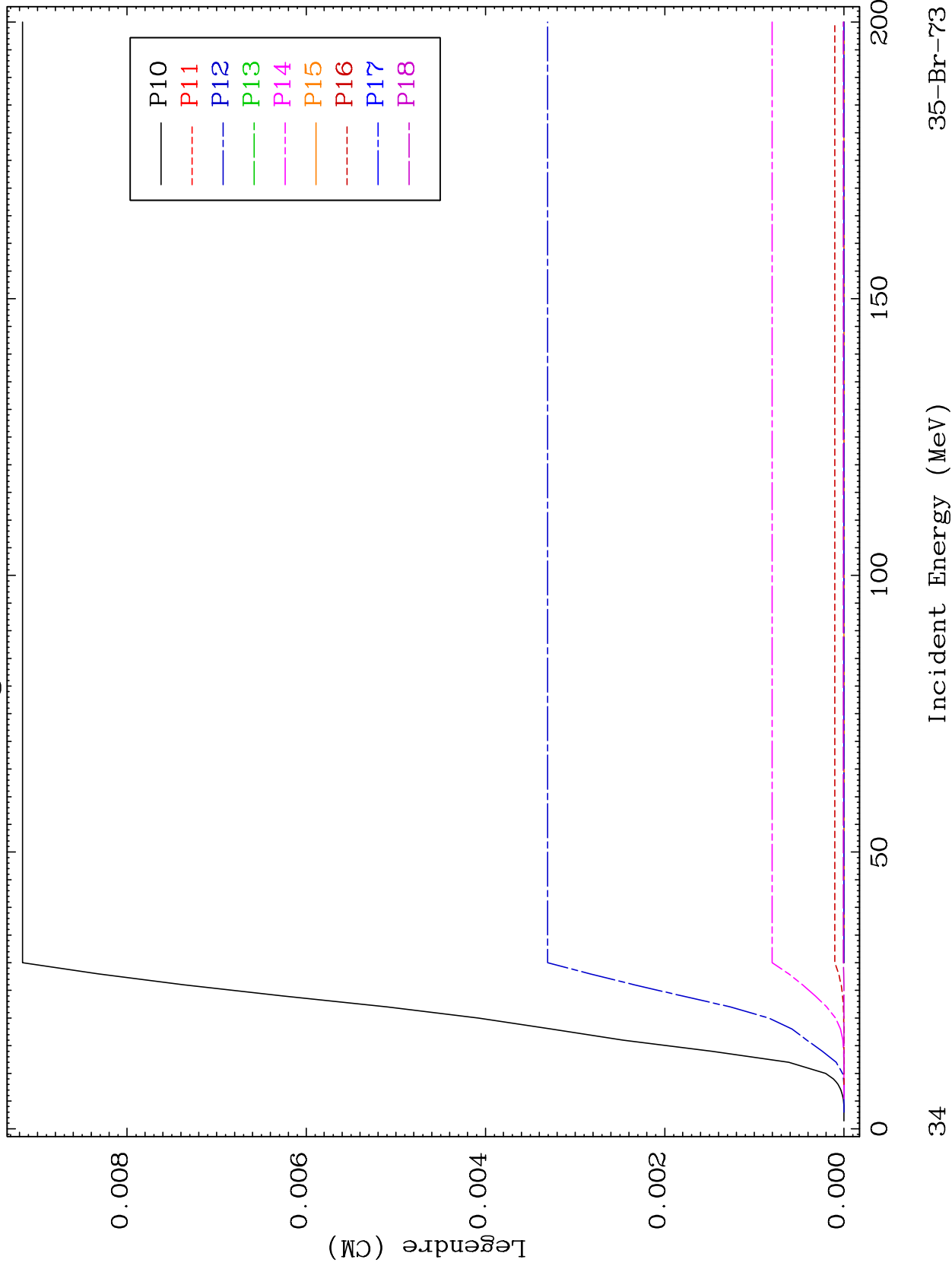
35-Br-73

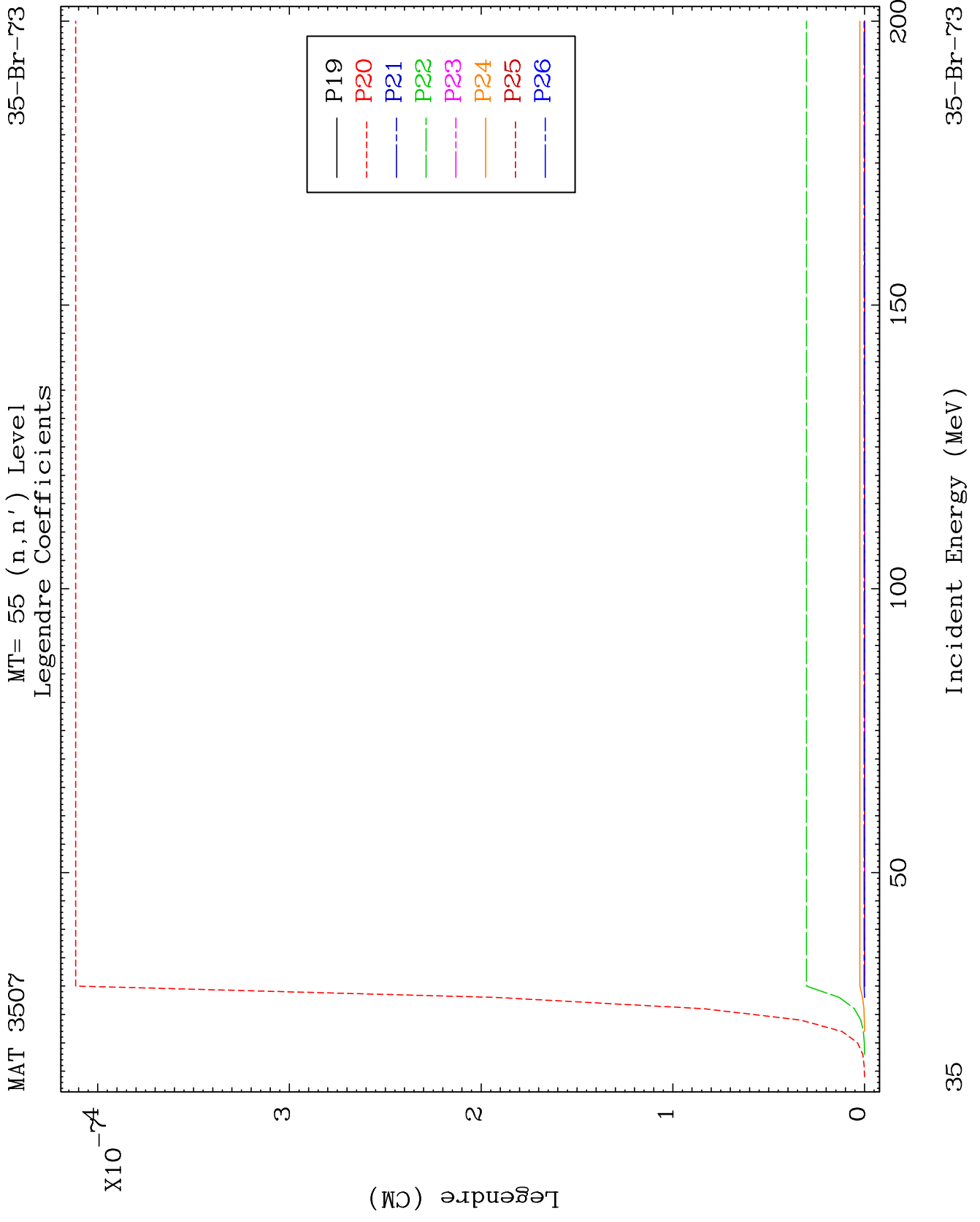


MAT 3507

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

35-Br-73

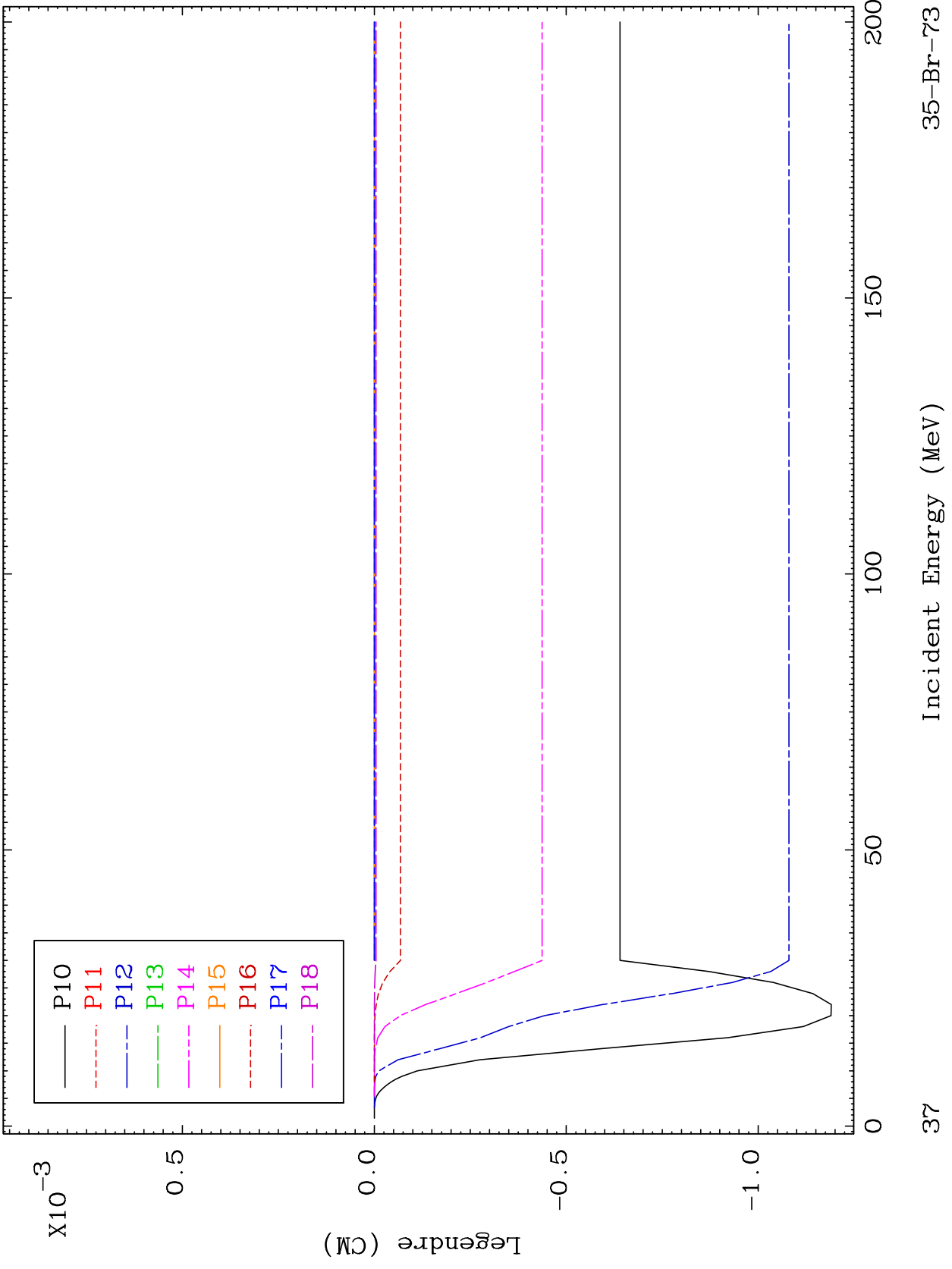




MAT 3507

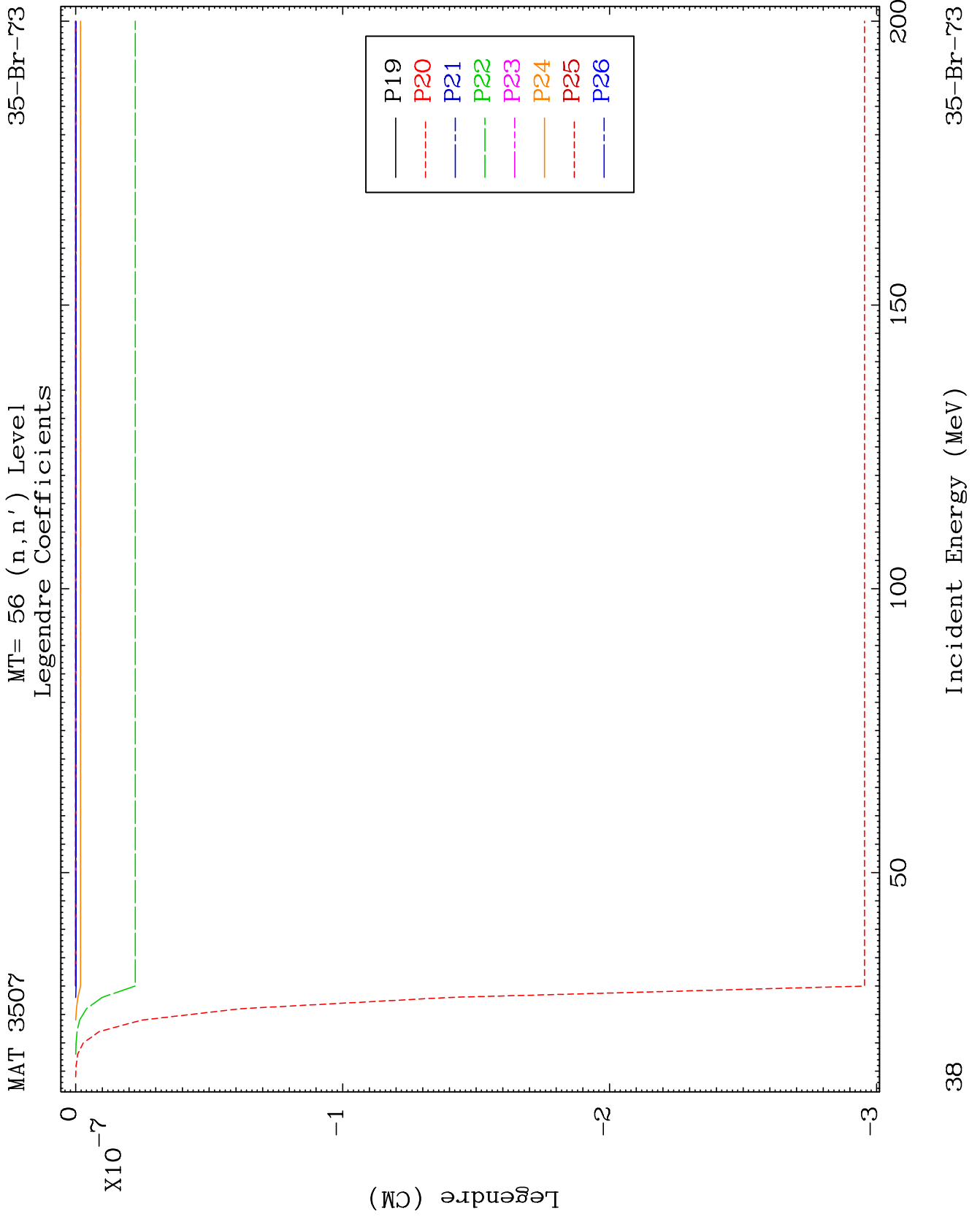
MT= 56 (n,n') Level
Legendre Coefficients

35-Br-73



37

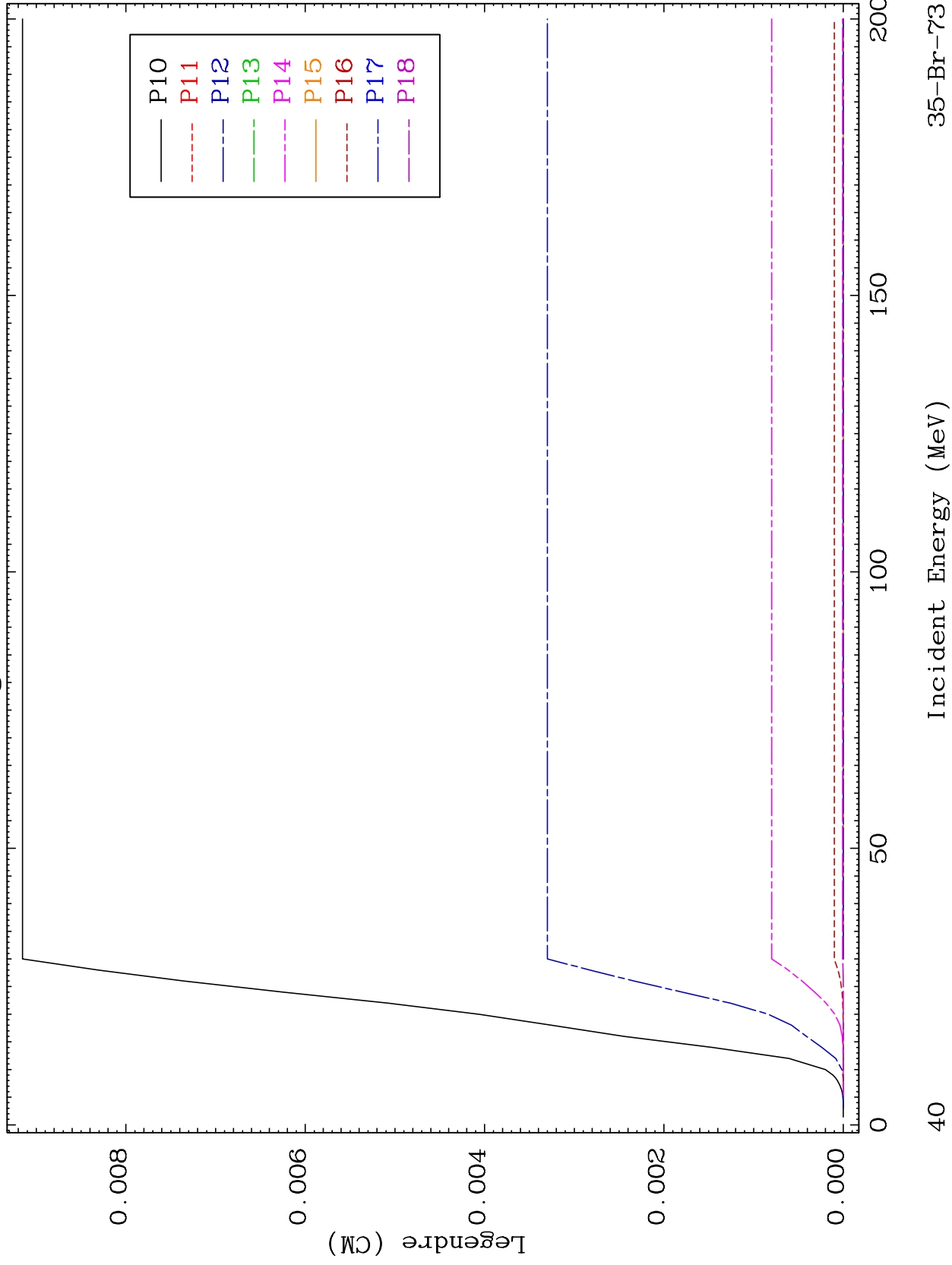
35-Br-73



MAT 3507

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

35-Br-73

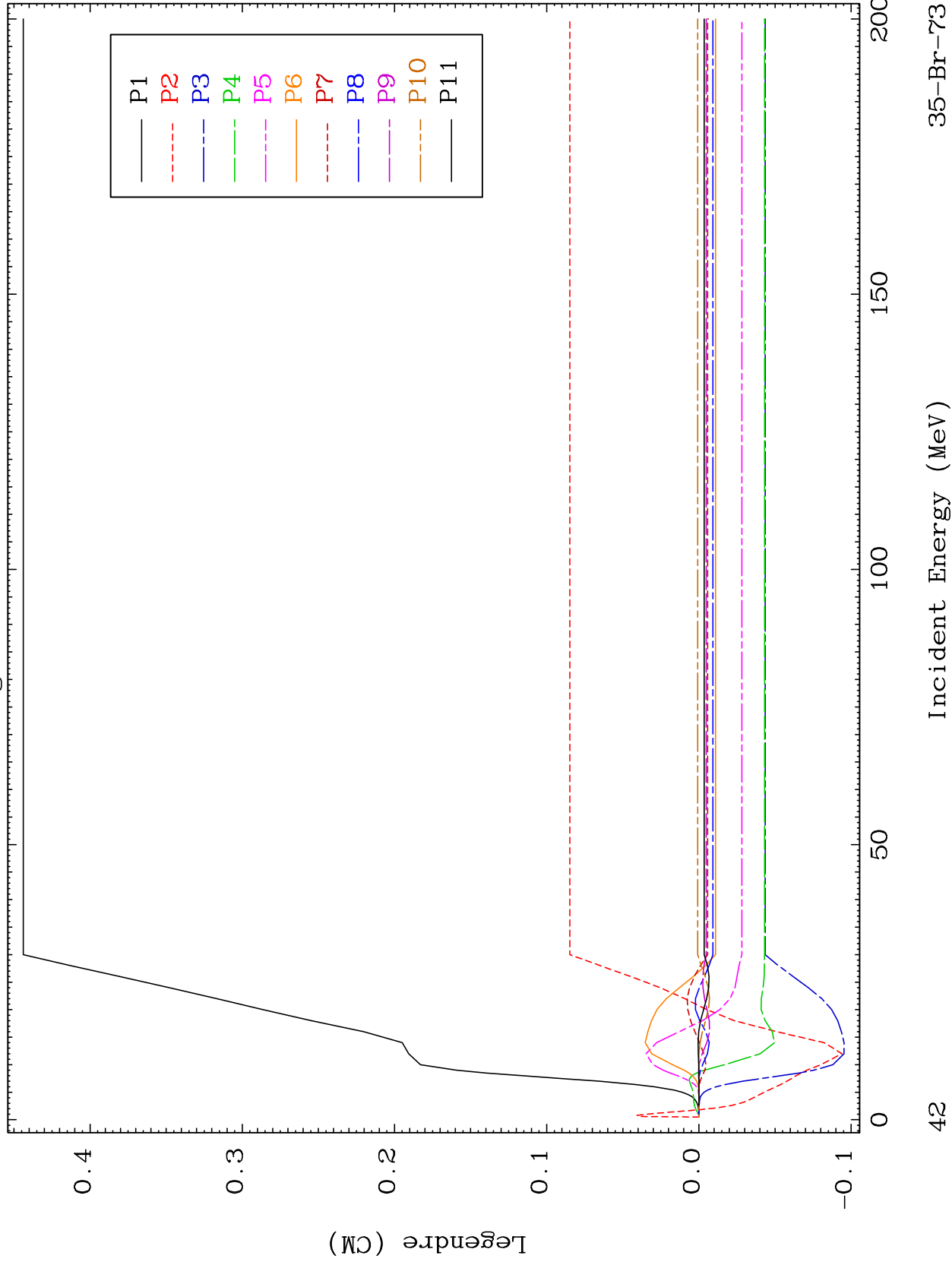


35-Br-73

MAT 3507

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

35-Br-73



35-Br-73

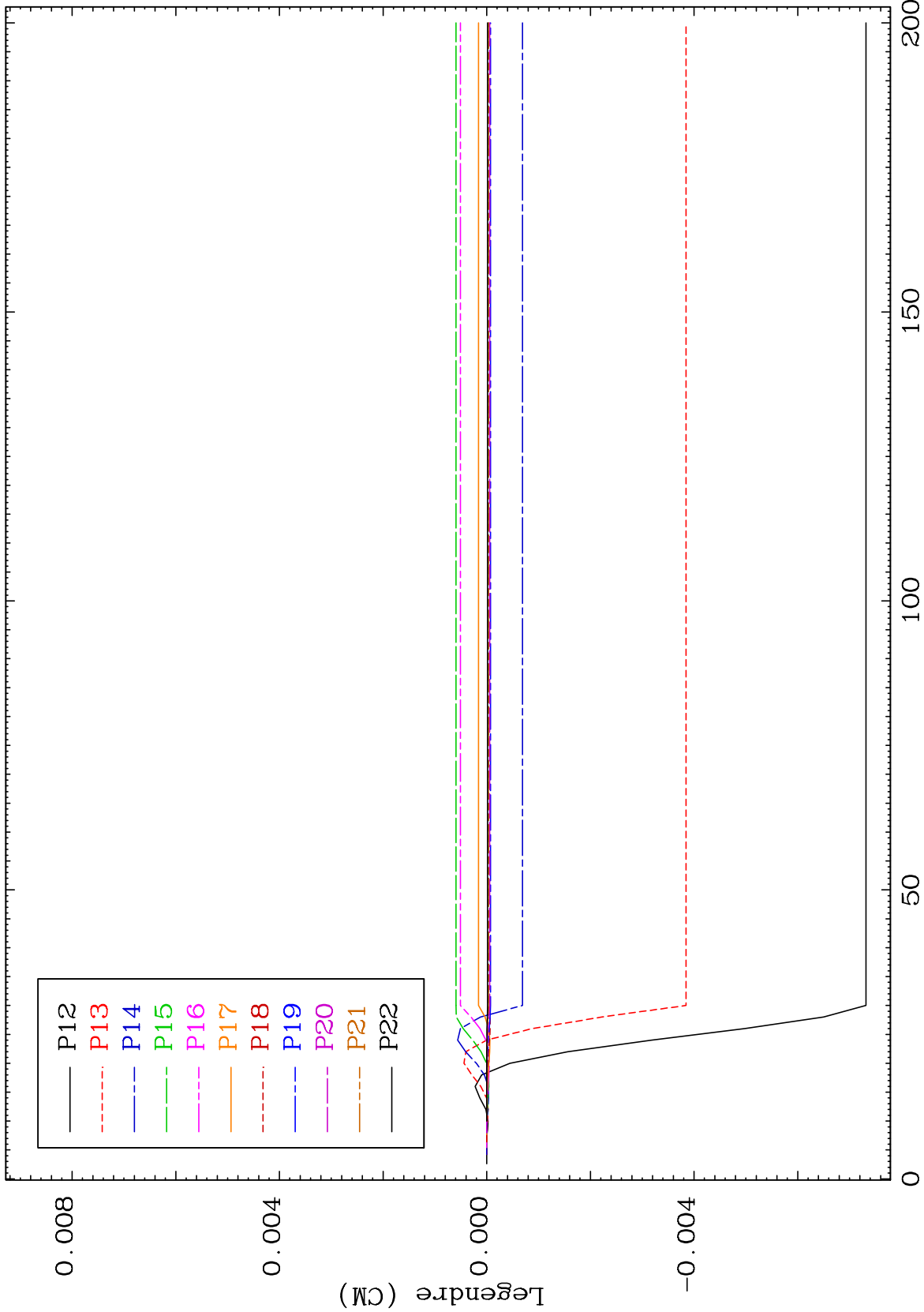
Incident Energy (MeV)

42

MAT 3507

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

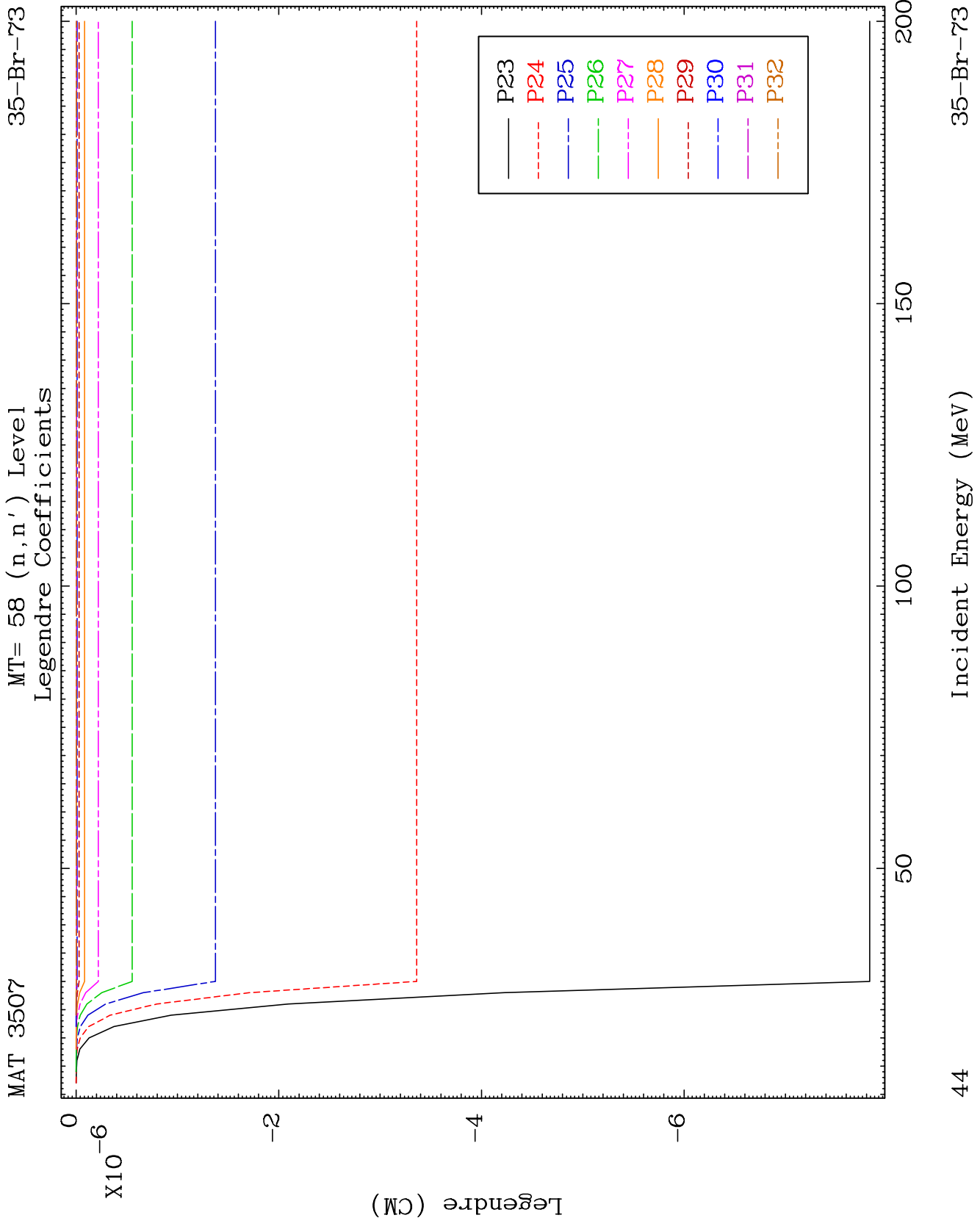
35-Br-73



43

Incident Energy (MeV)

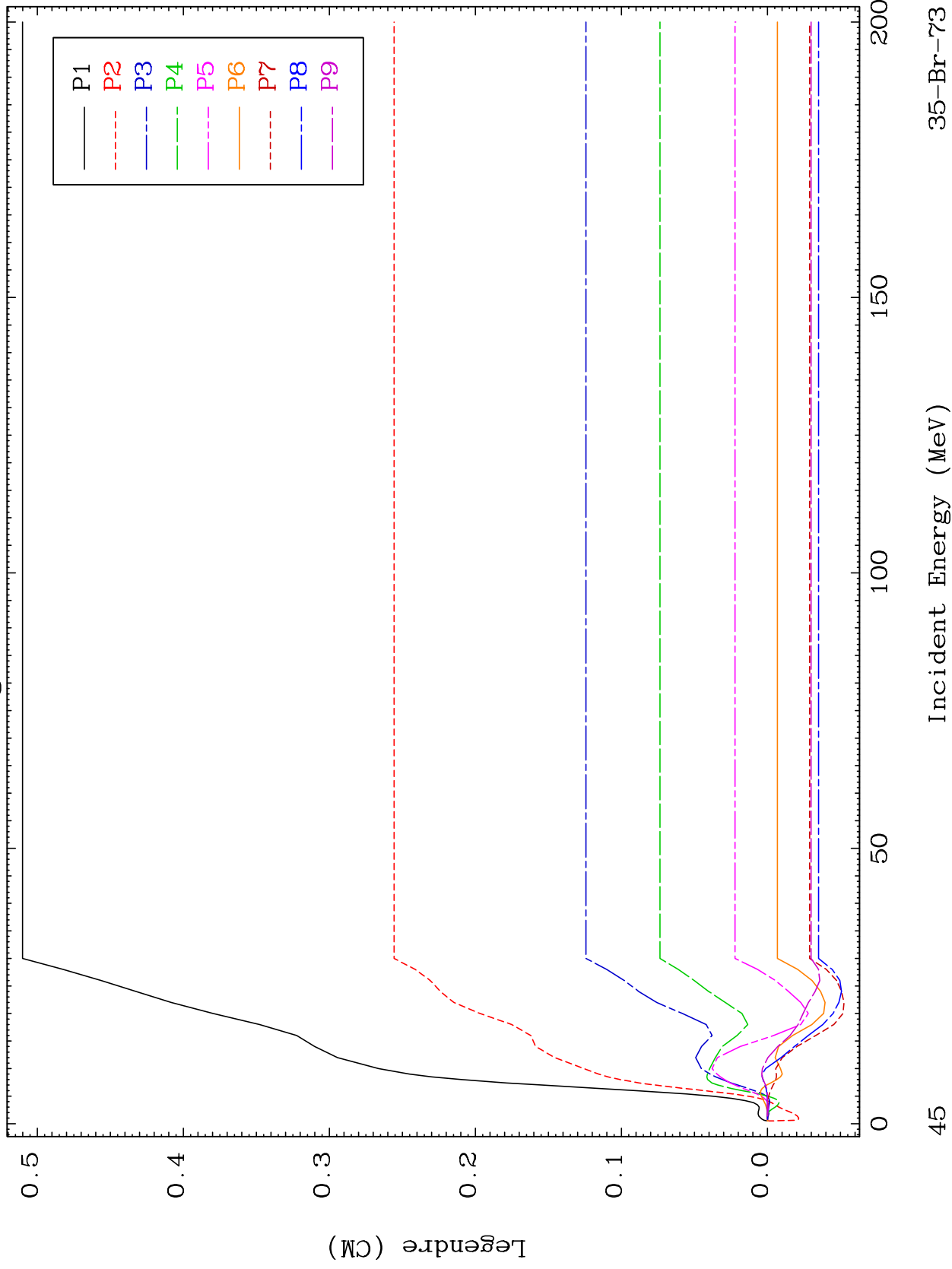
35-Br-73



MAT 3507

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

35-Br-73



35-Br-73

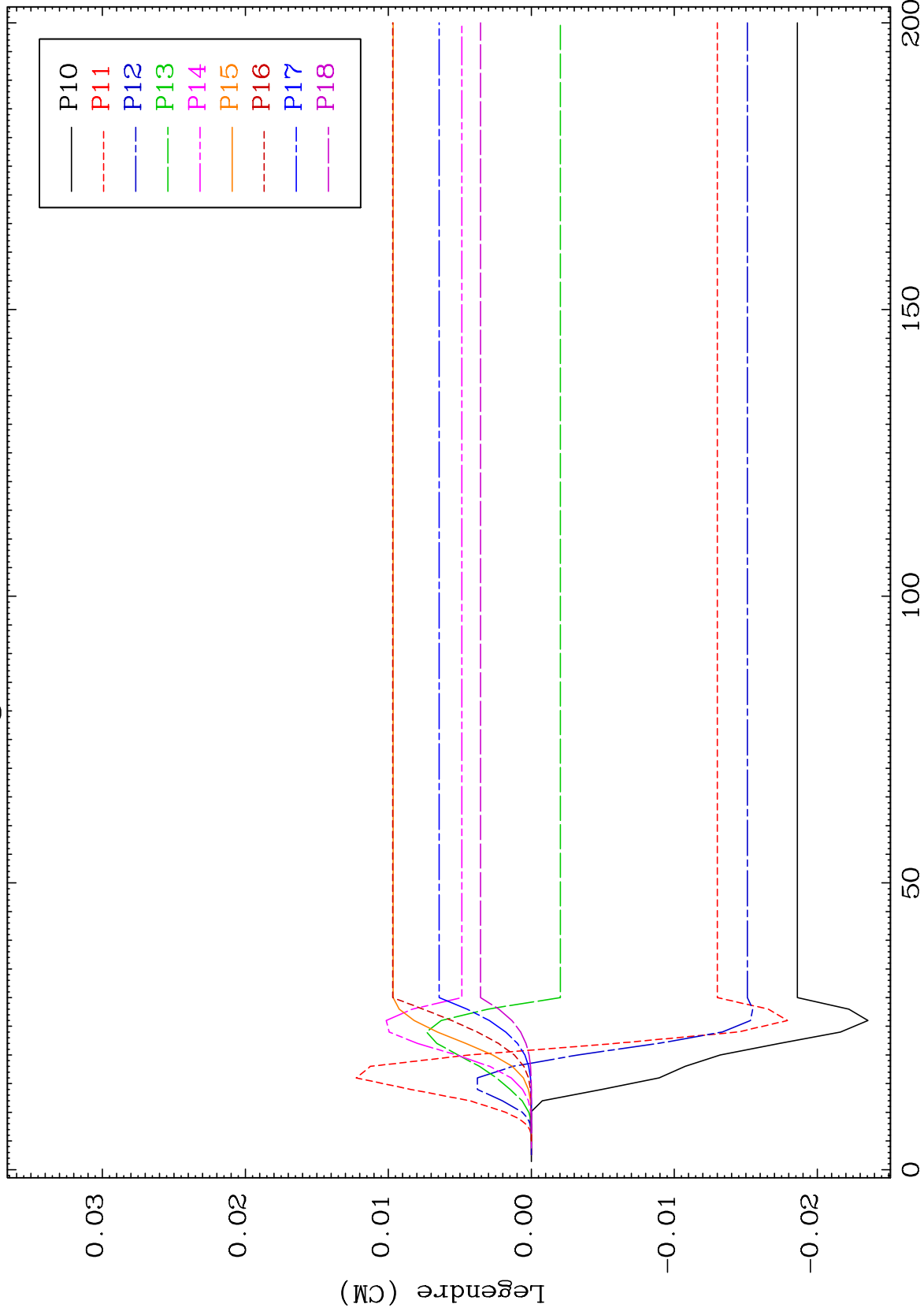
Incident Energy (MeV)

45

MAT 3507

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

35-Br-73



46

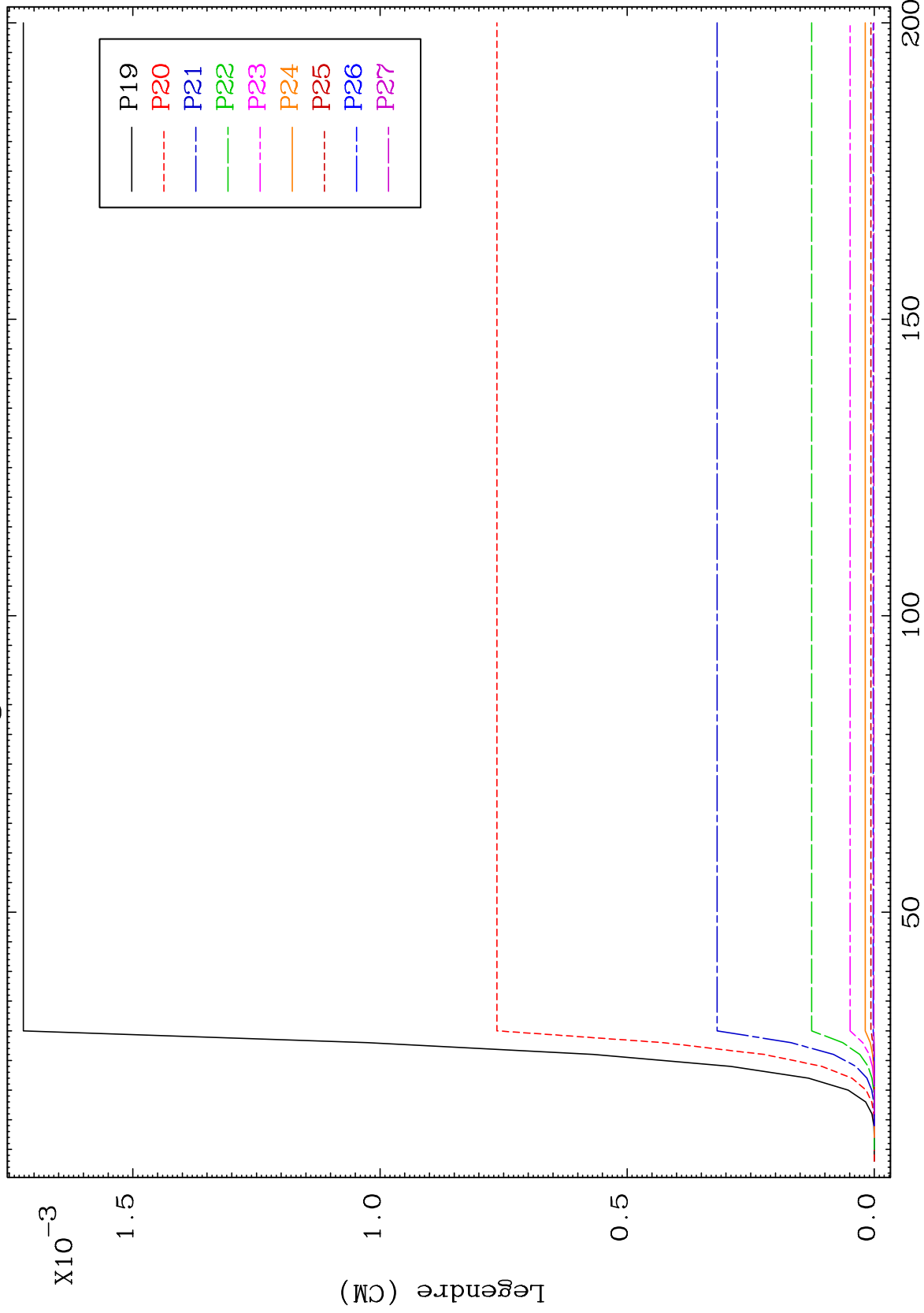
Incident Energy (MeV)

35-Br-73

MAT 3507

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

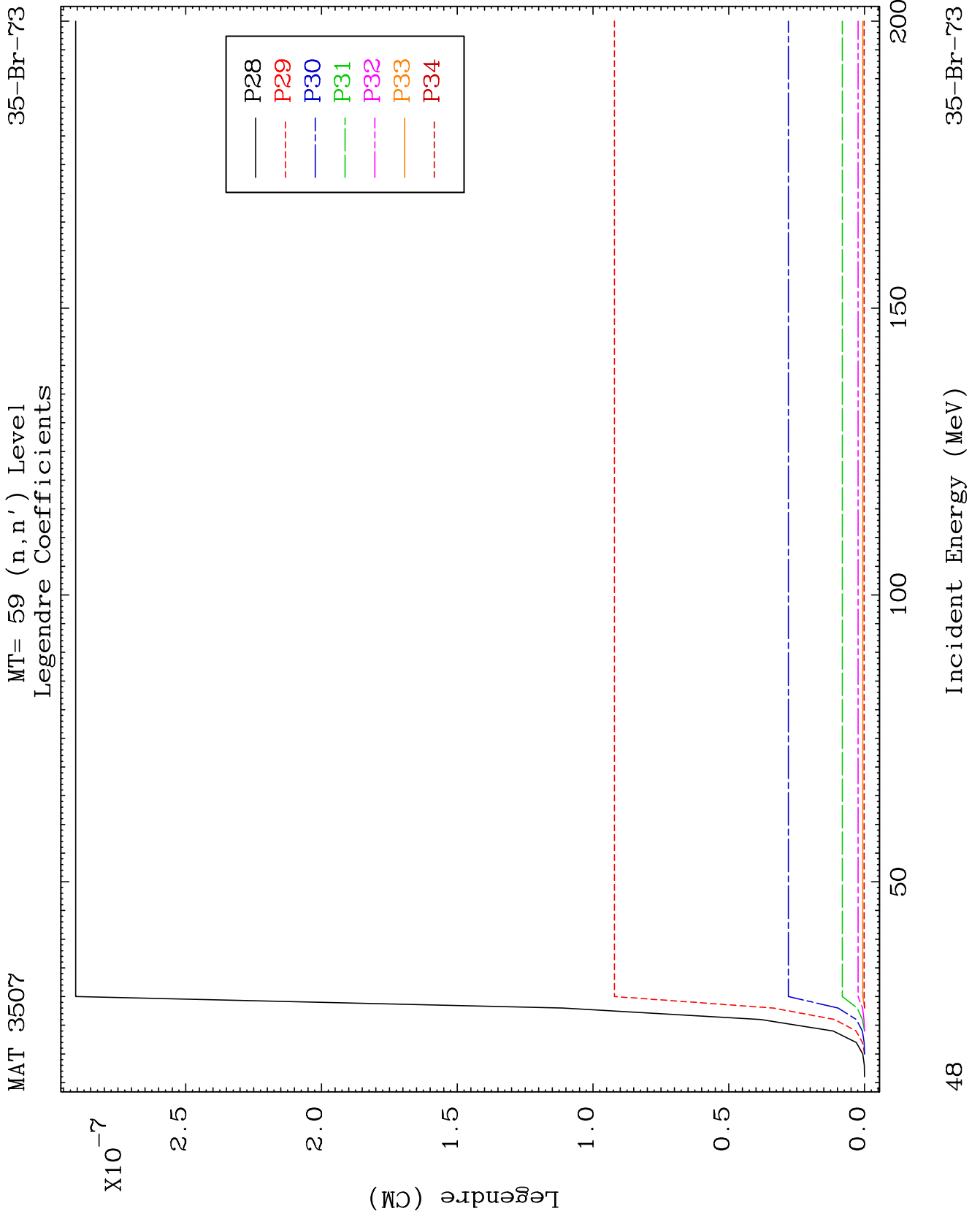
35-Br-73



47

Incident Energy (MeV)

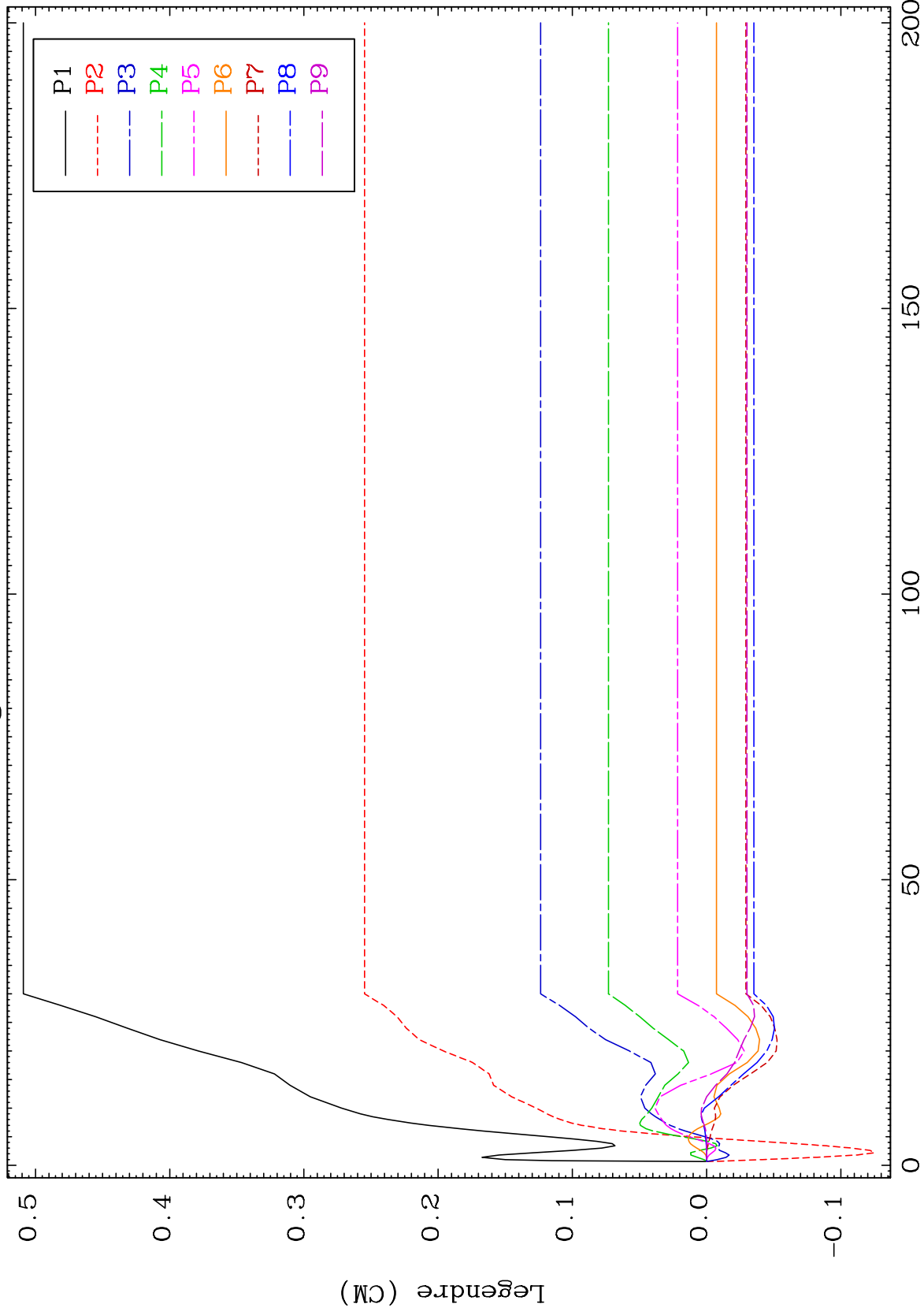
35-Br-73



MAT 3507

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

35-Br-73



49

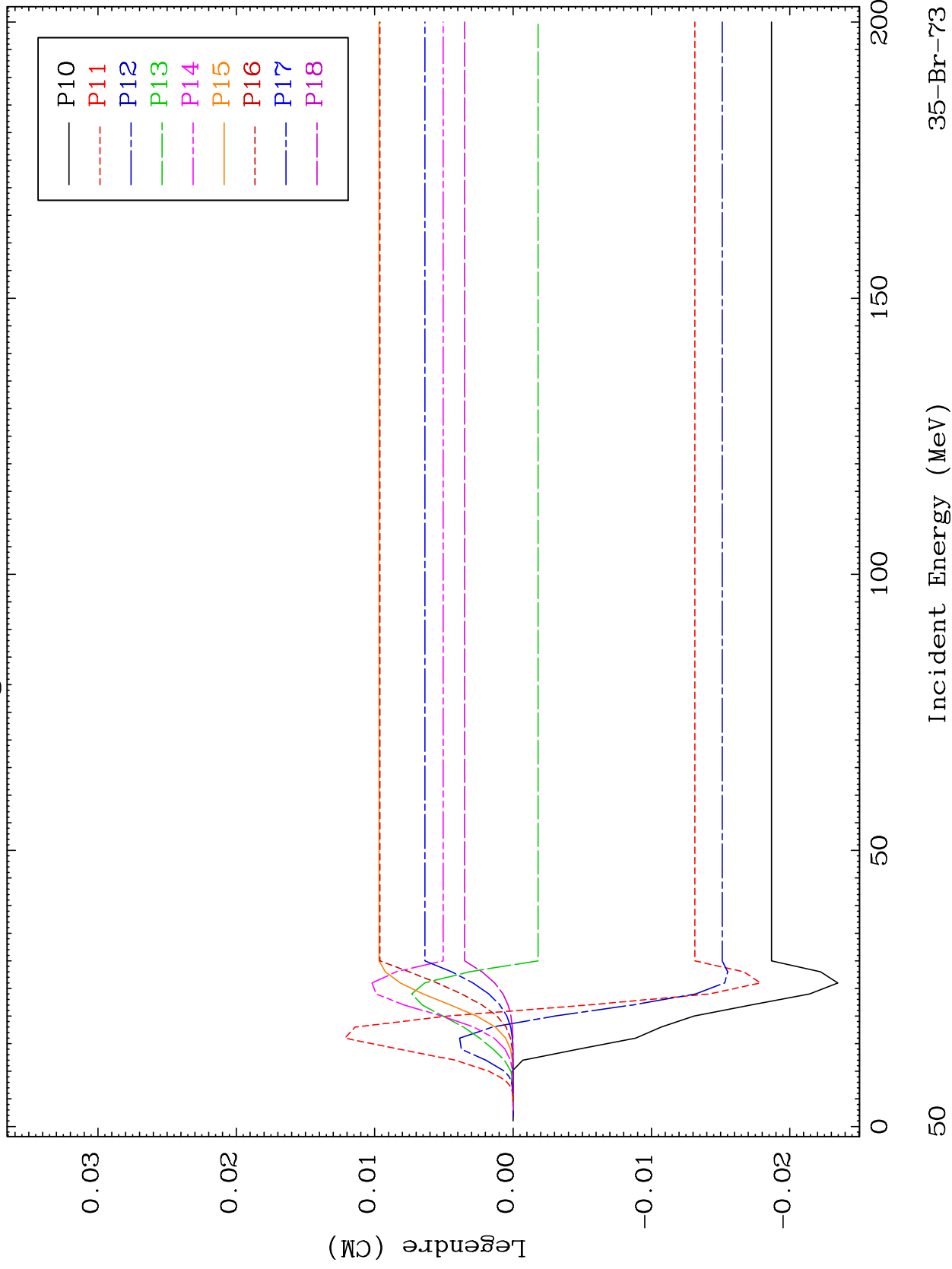
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



35-Br-73

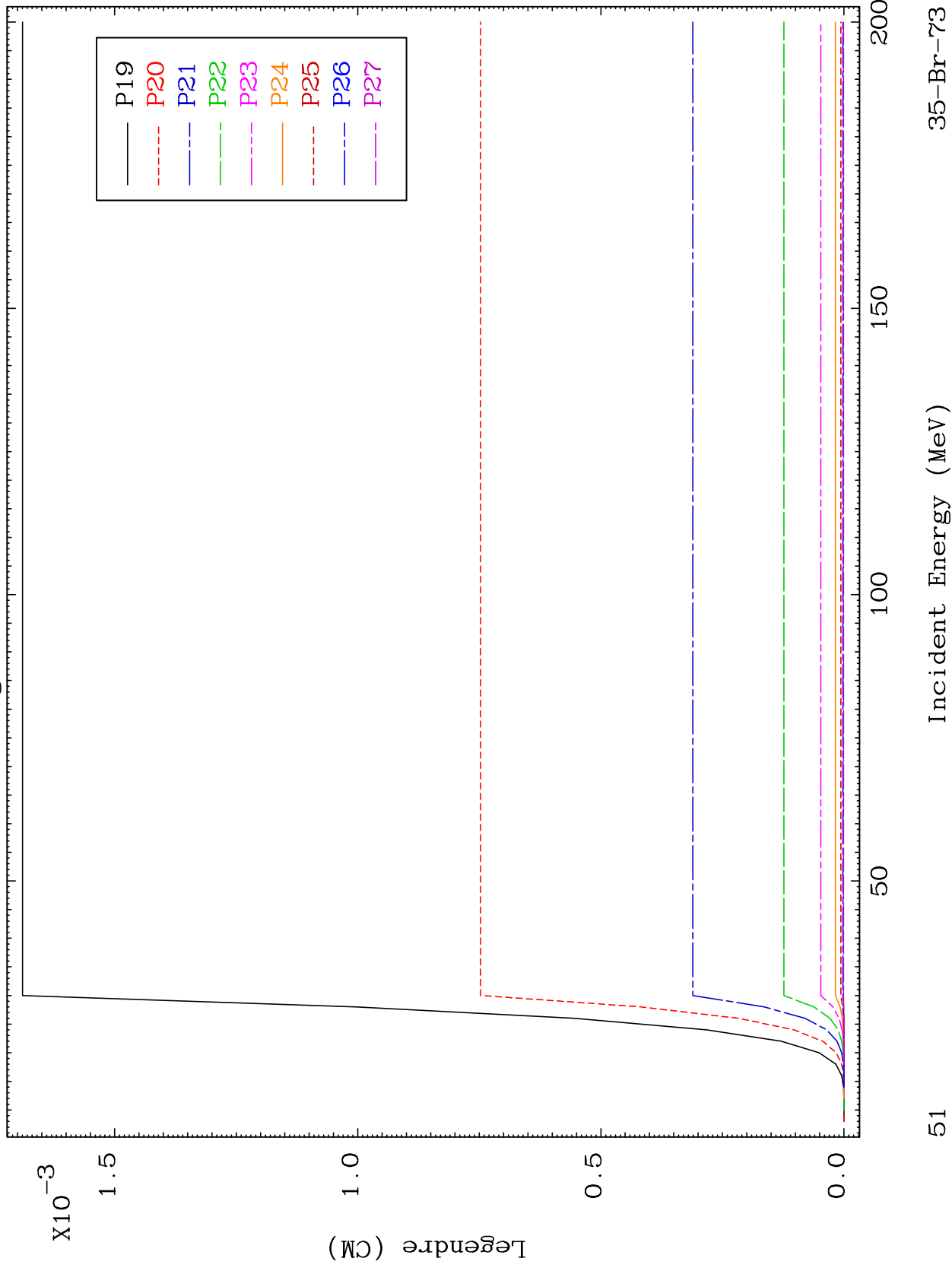
Incident Energy (MeV)

50

MAT 3507

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

35-Br-73



51

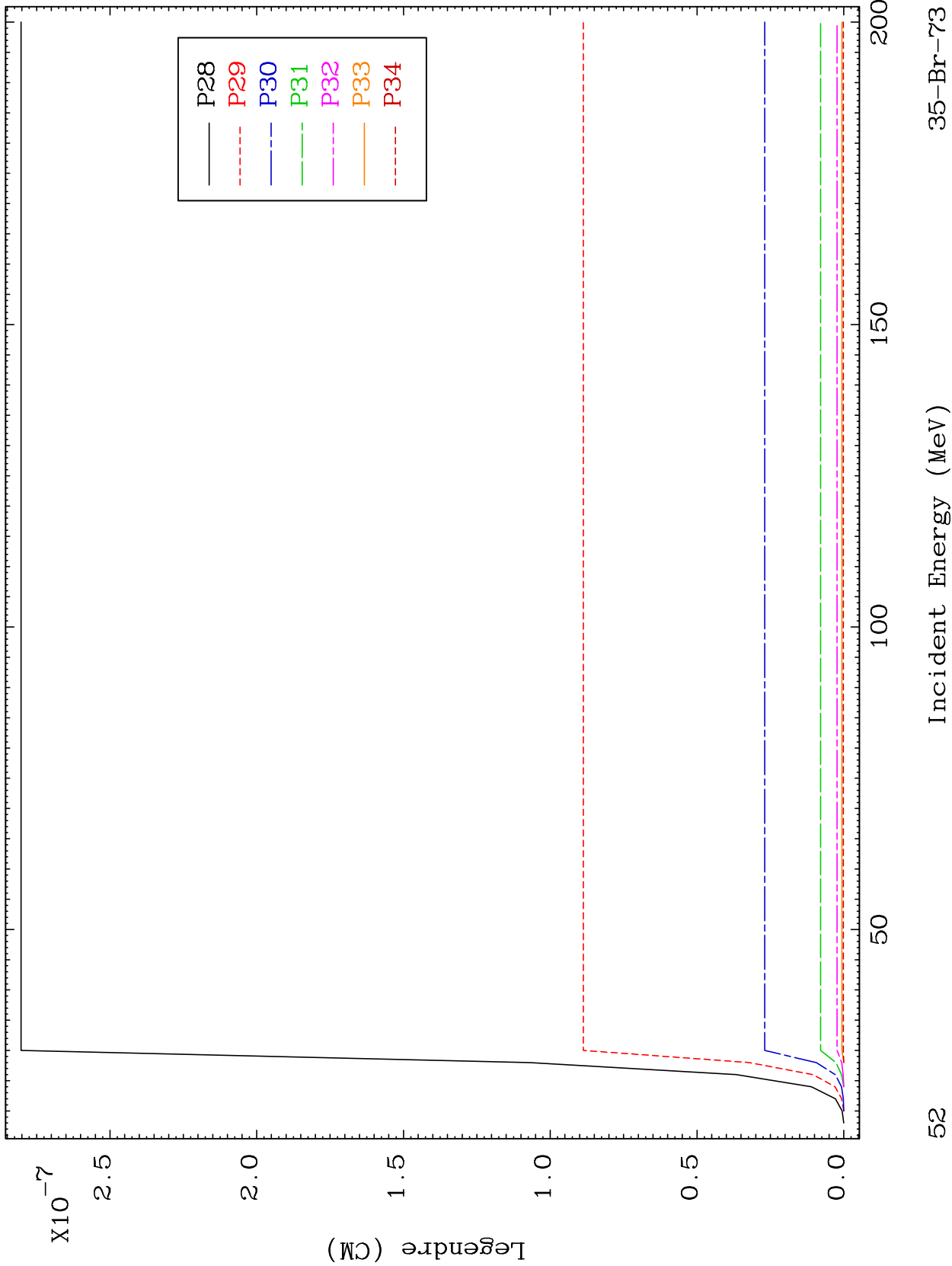
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



52

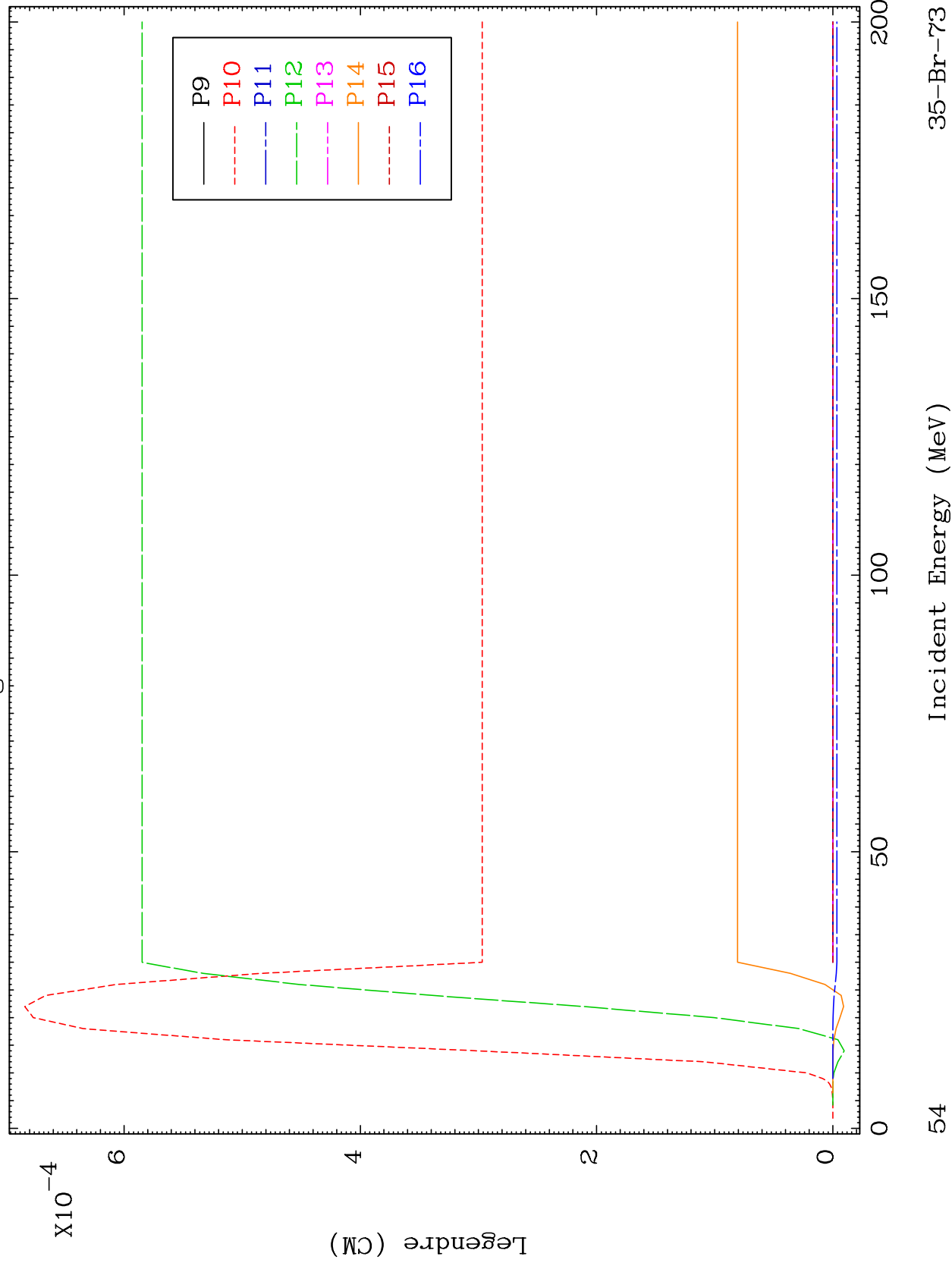
Incident Energy (MeV)

35-Br-73

MAT 3507

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

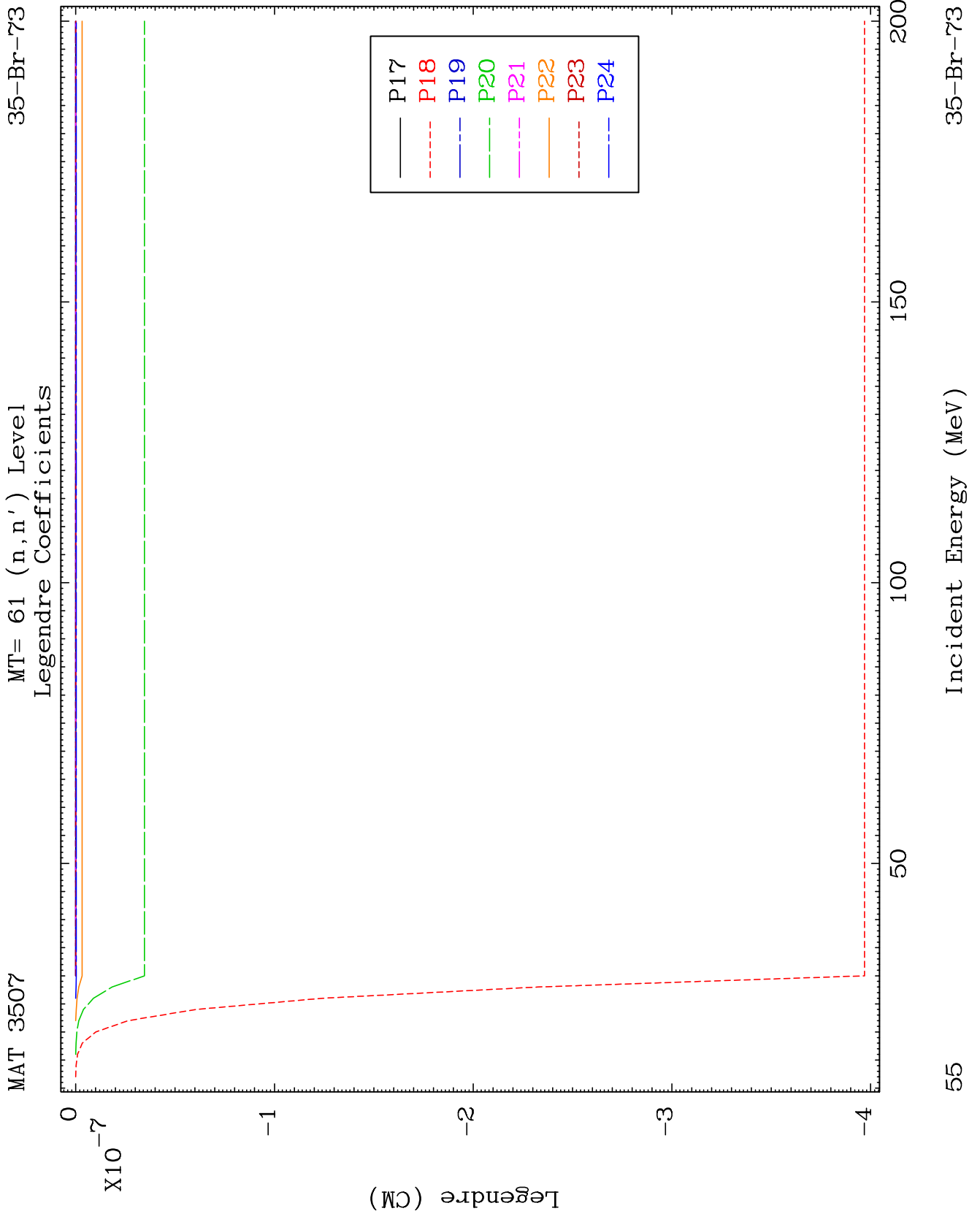
35-Br-73



54

Incident Energy (MeV)

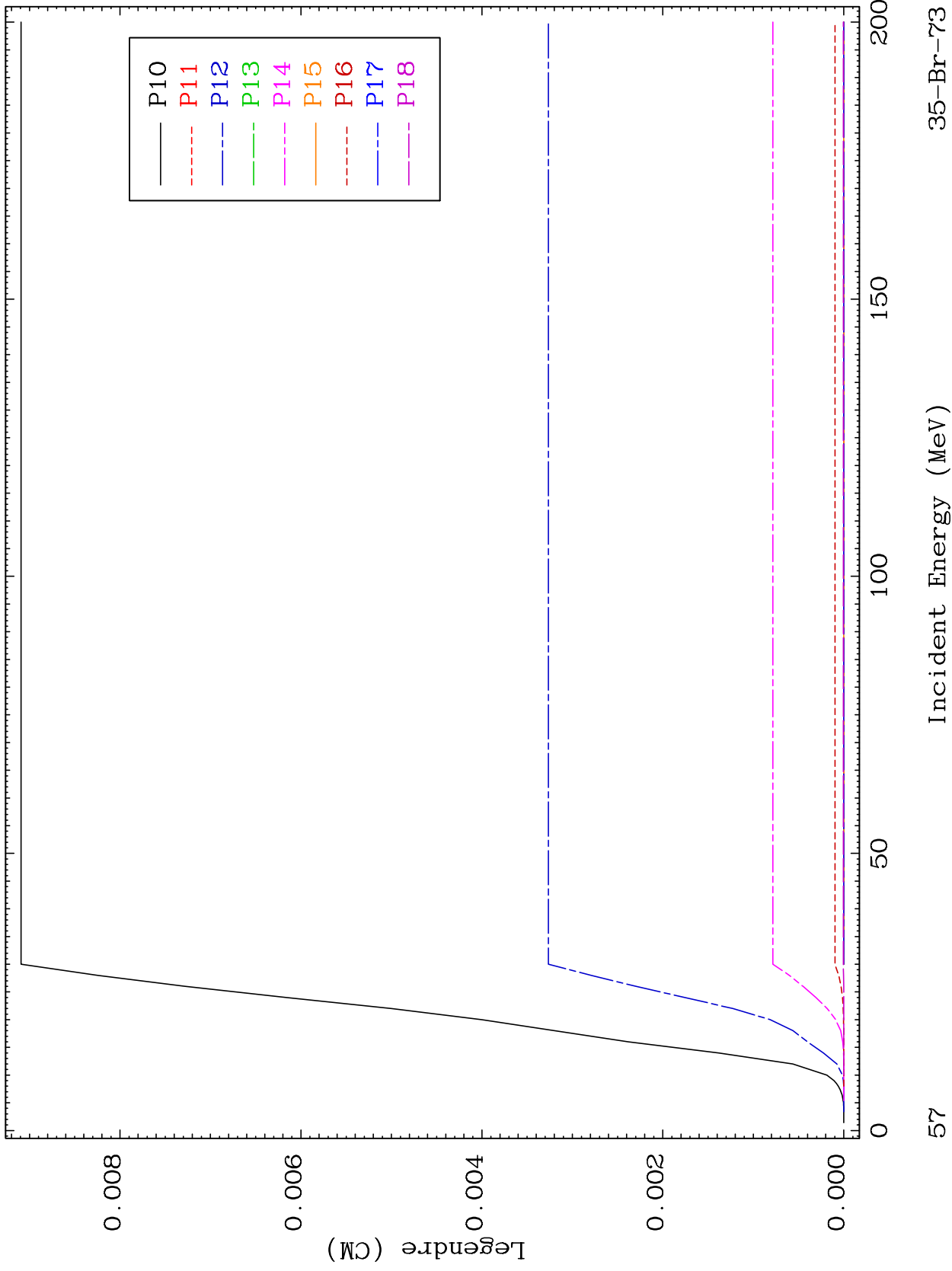
35-Br-73



MAT 3507

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

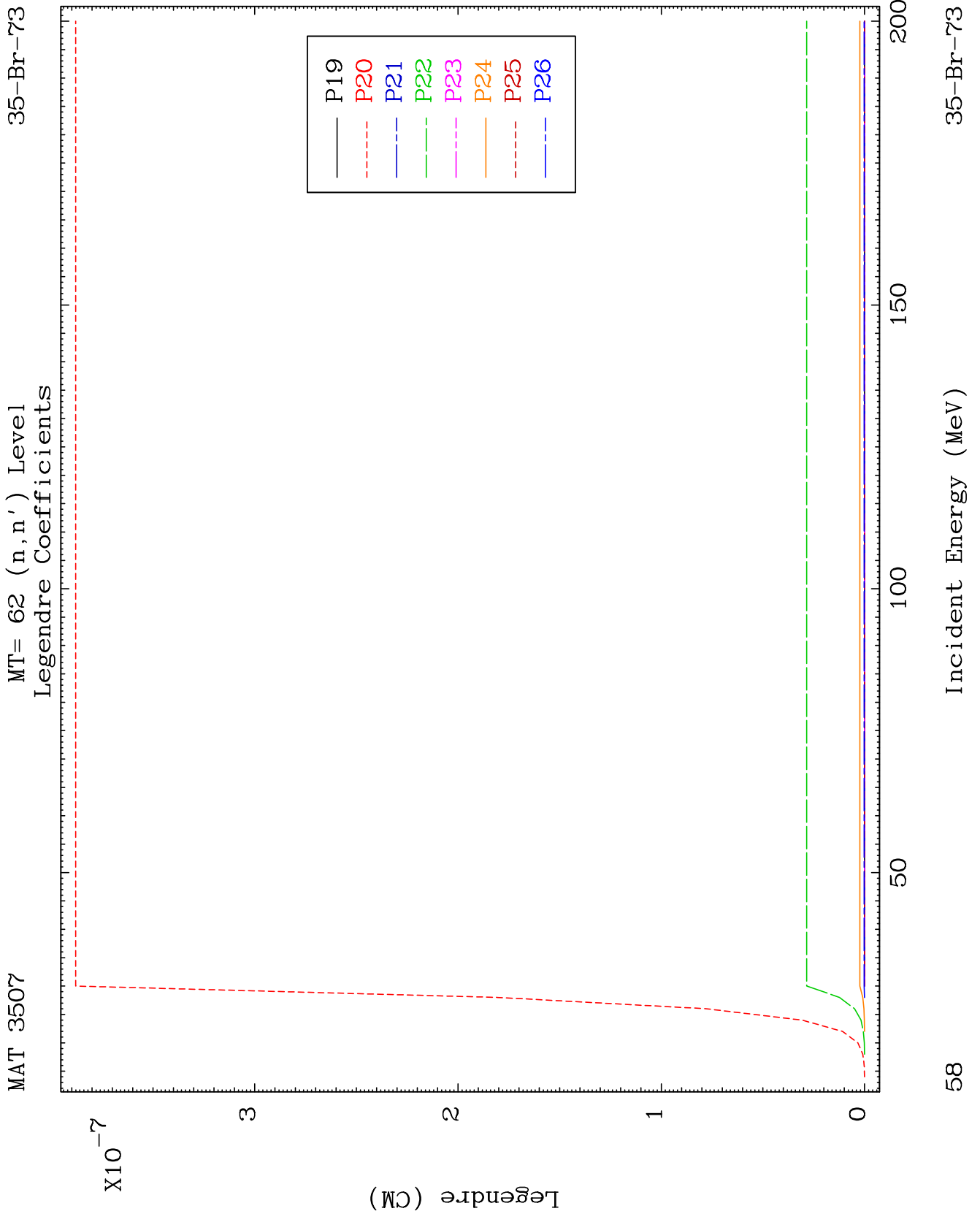
35-Br-73



57

Incident Energy (MeV)

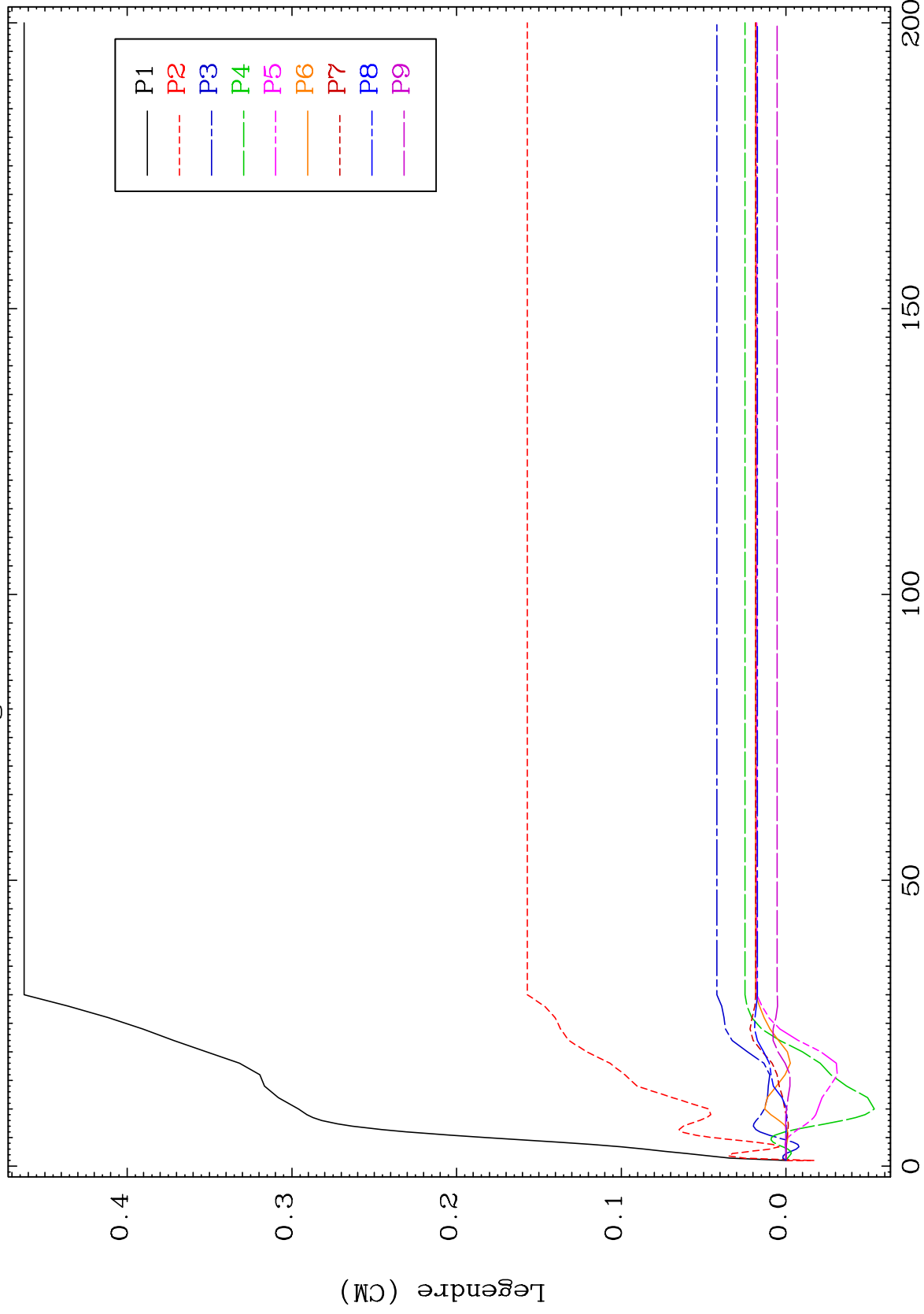
35-Br-73



MAT 3507

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

³⁵Br-⁷³



59

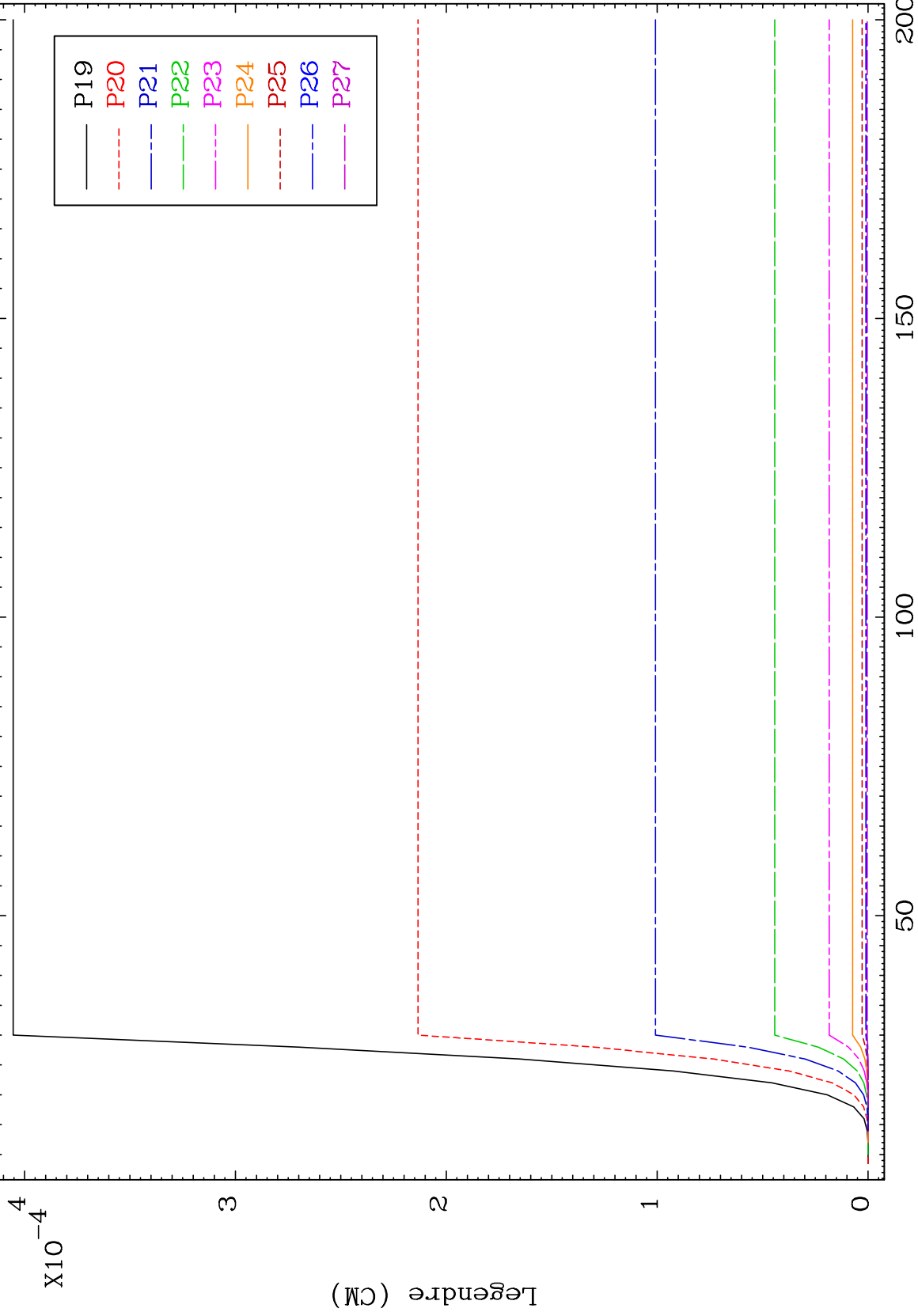
Incident Energy (MeV)

³⁵Br-⁷³

MAT 3507

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

35-Br-73



61

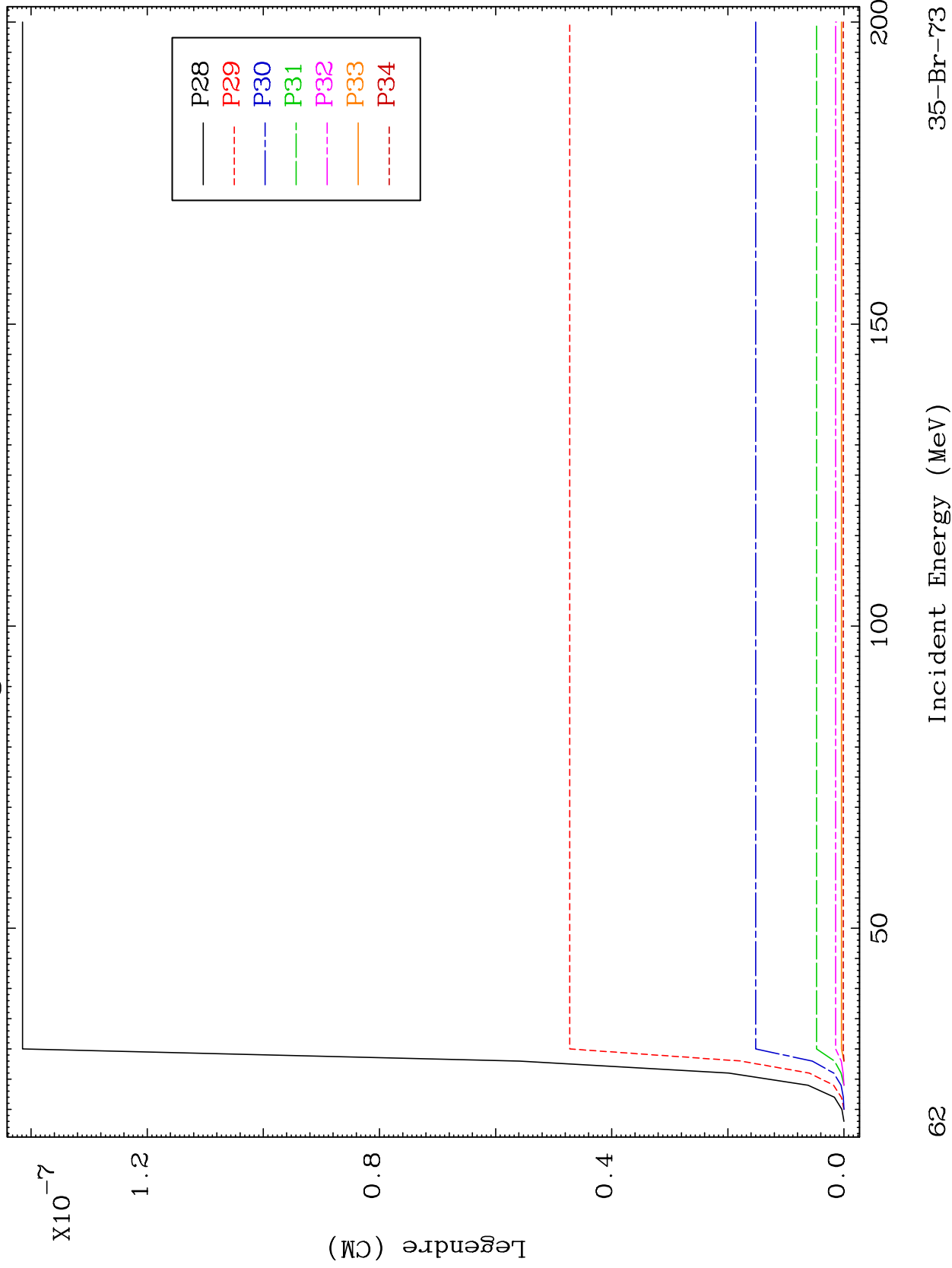
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



62

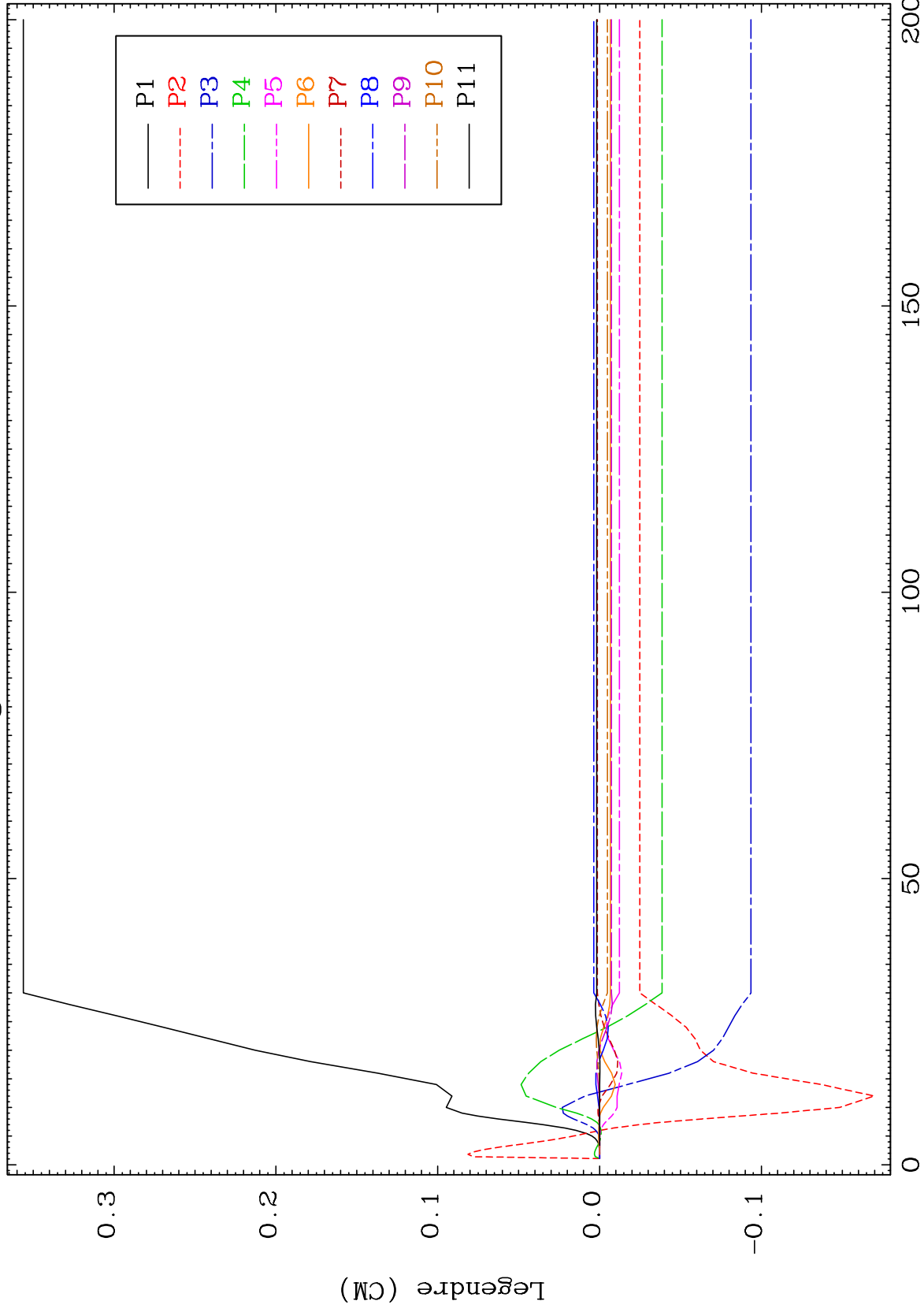
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



35-Br-73

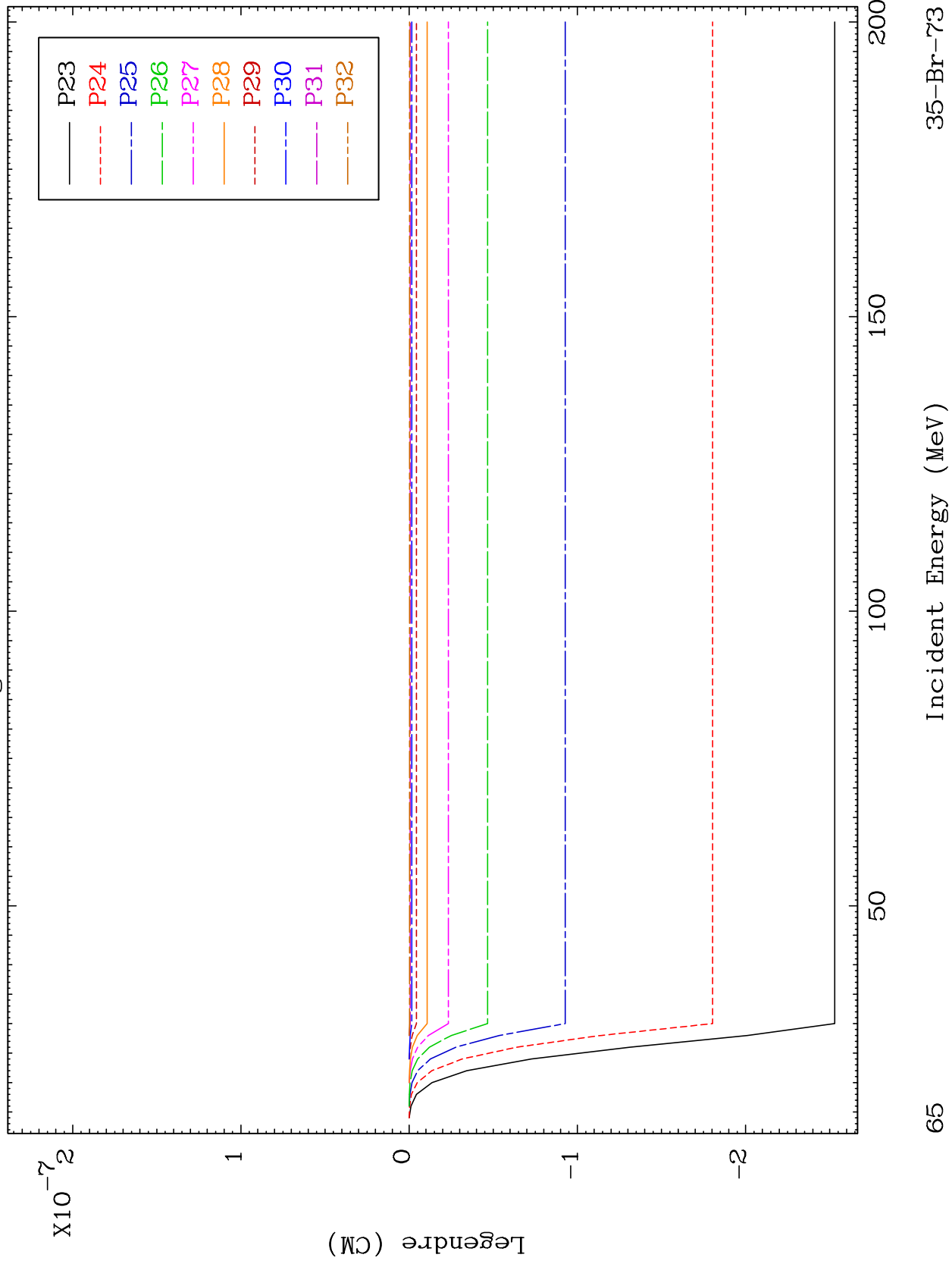
Incident Energy (MeV)

63

MAT 3507

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

35-Br-73



65

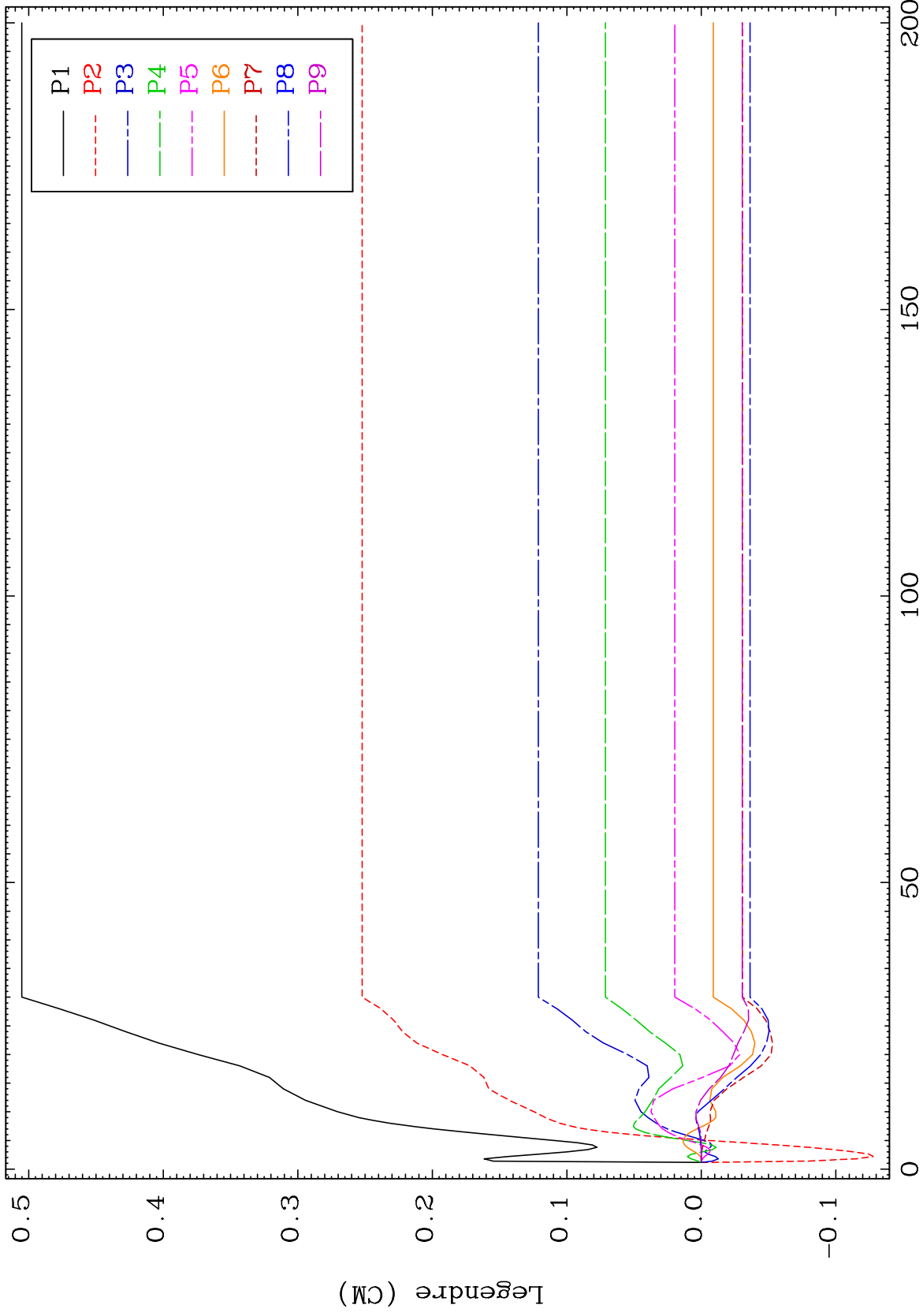
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



66

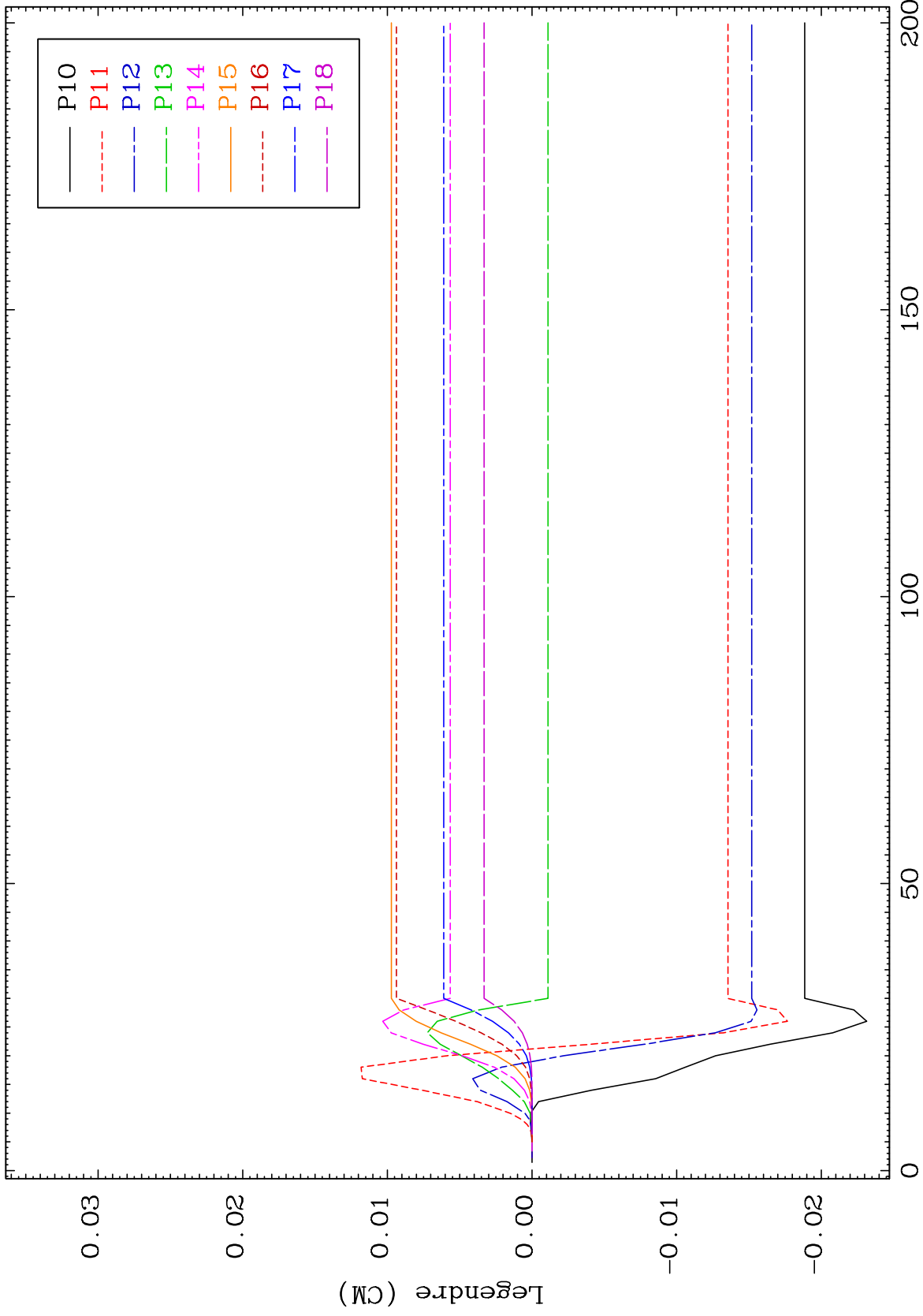
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



67

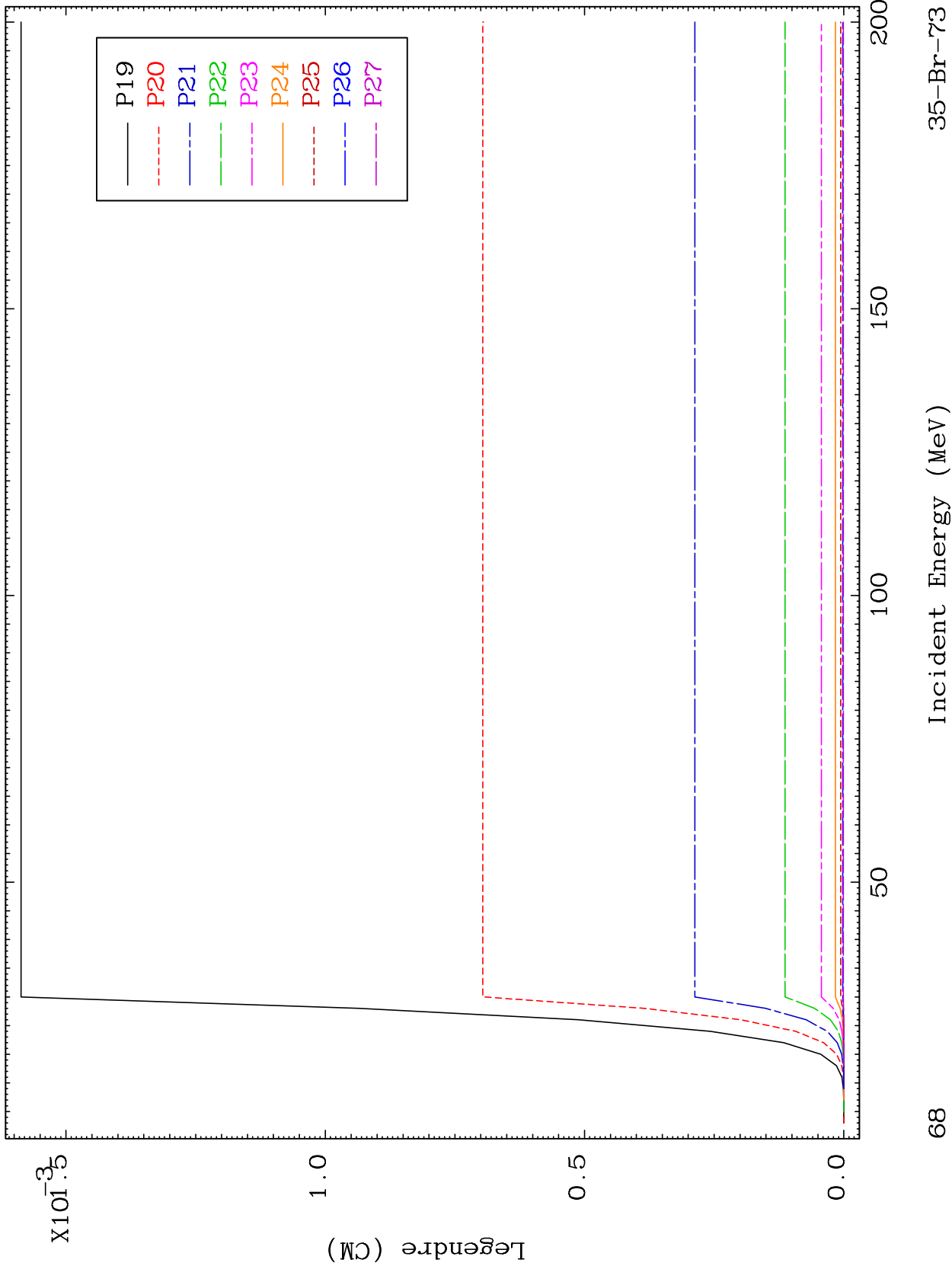
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



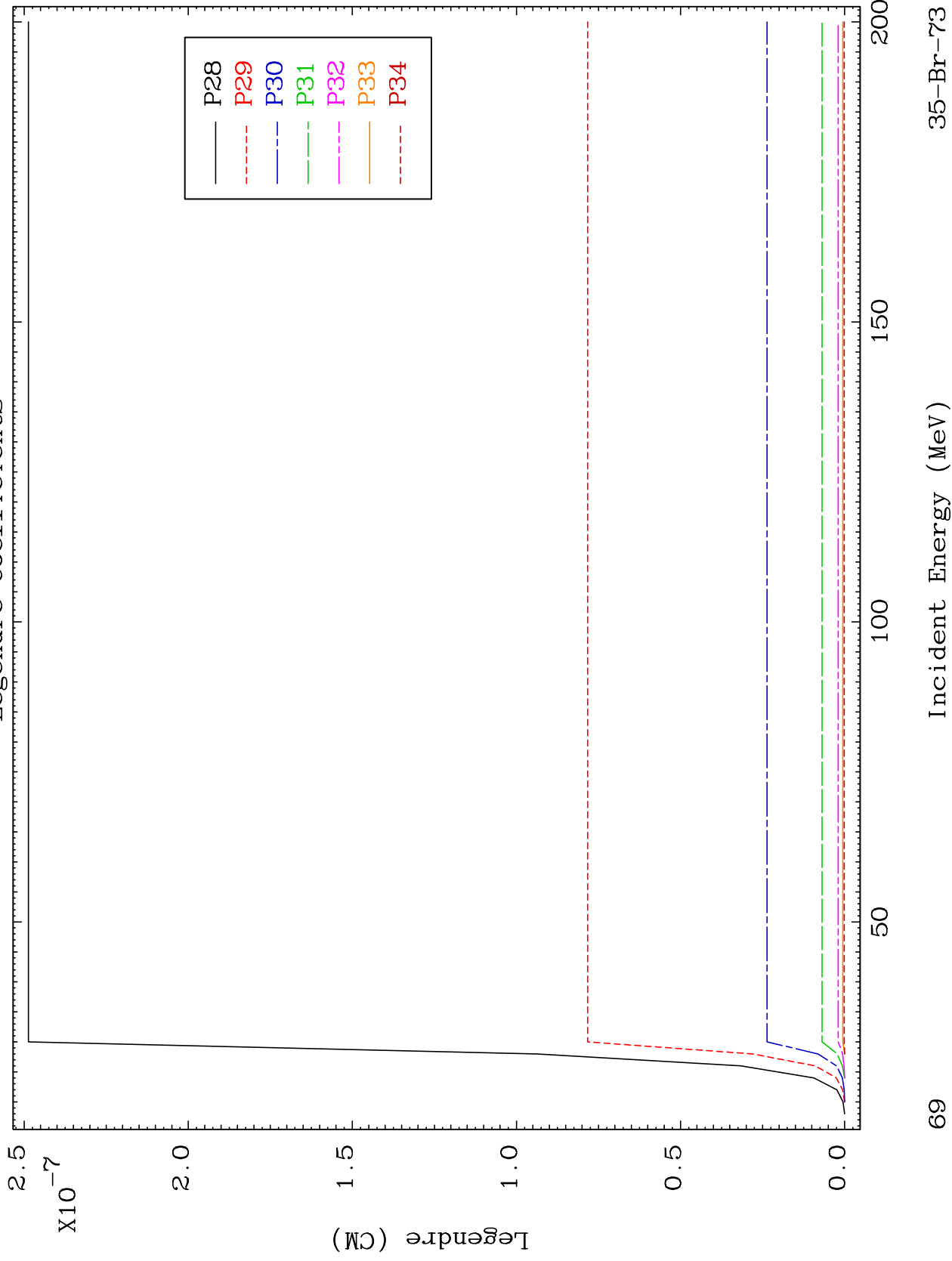
68

35-Br-73

MAT 3507

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

35-Br-73



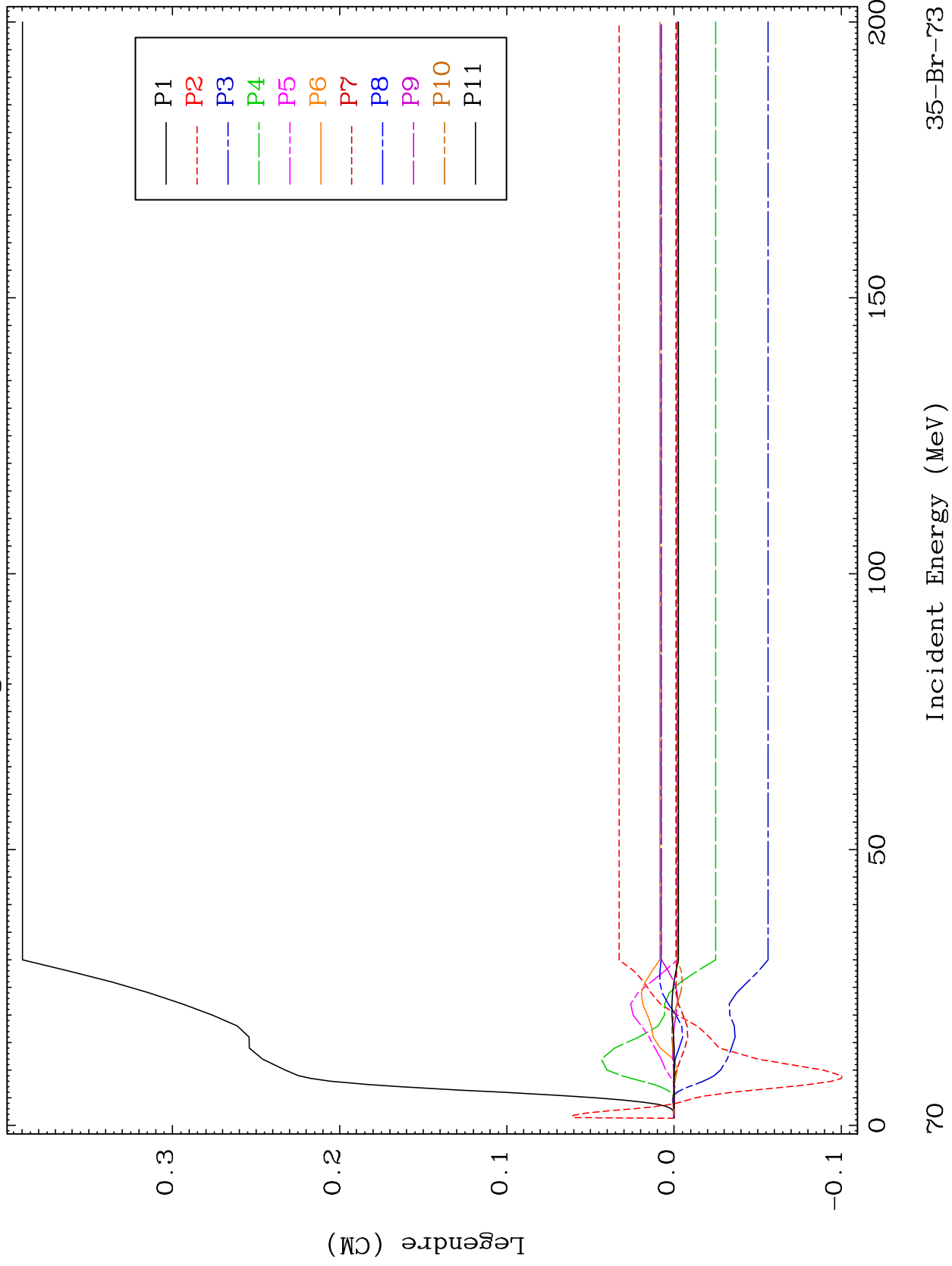
69

35-Br-73

MAT 3507

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

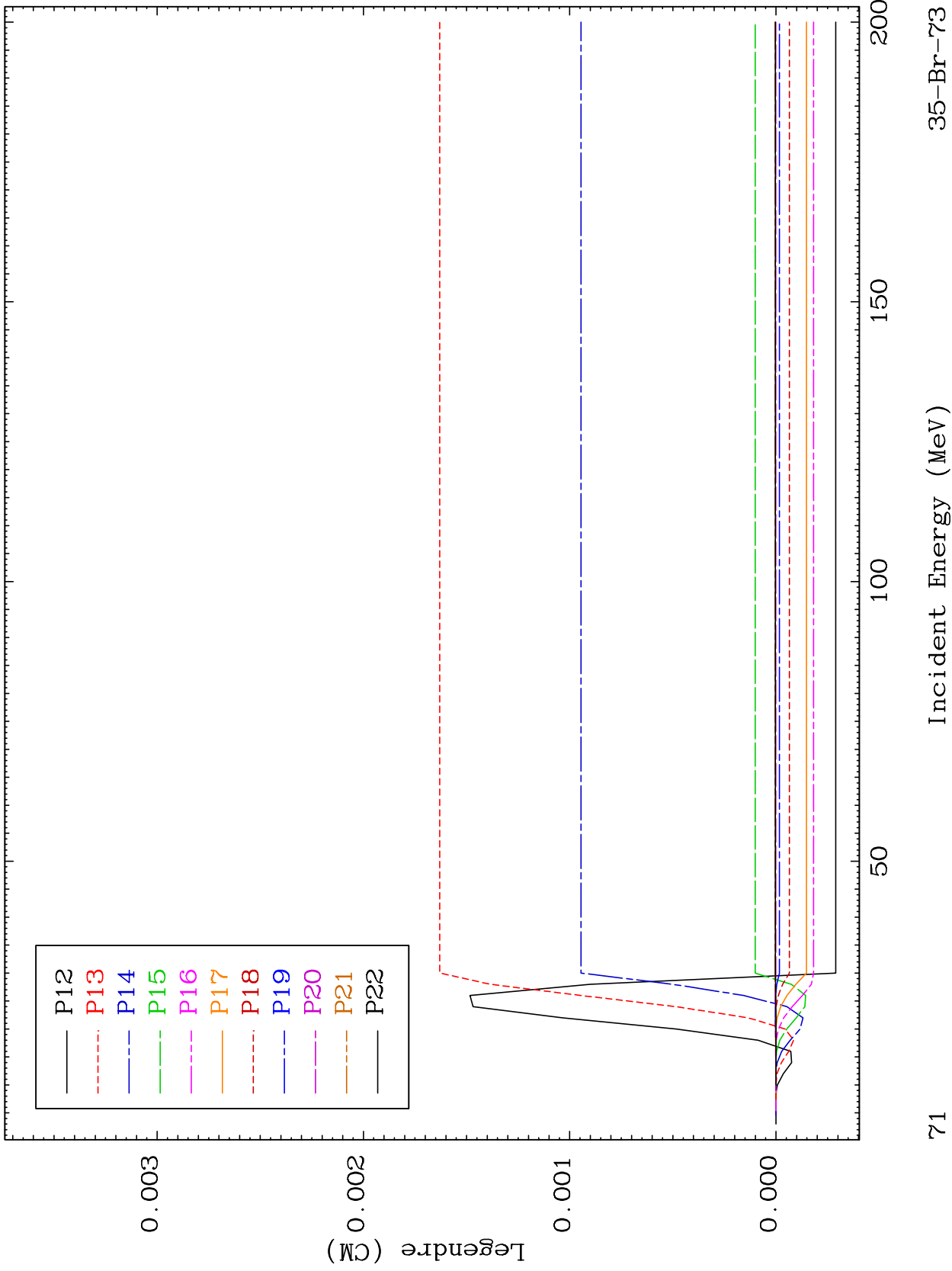
35-Br-73



35-Br-73

Incident Energy (MeV)

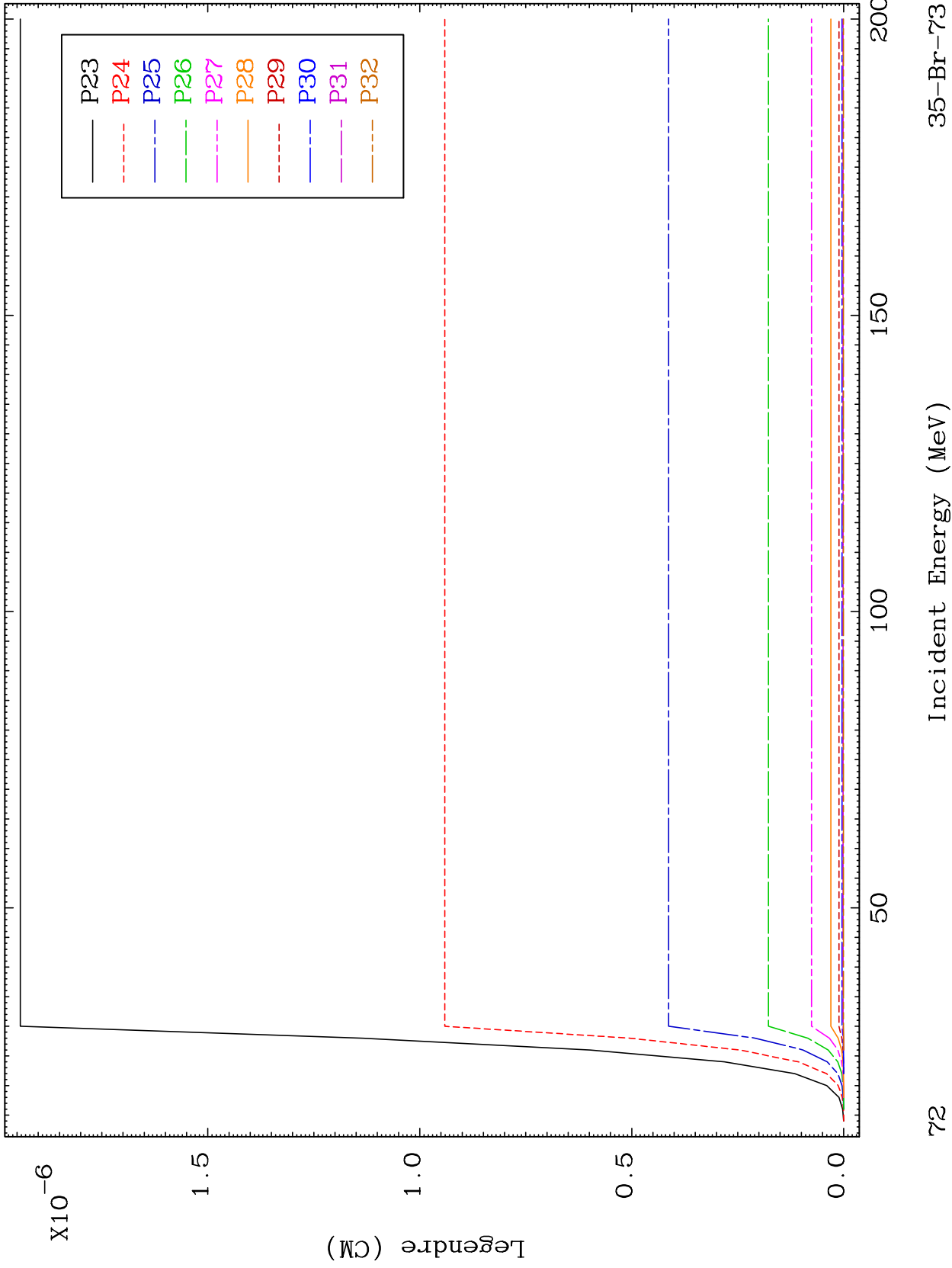
70



MAT 3507

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

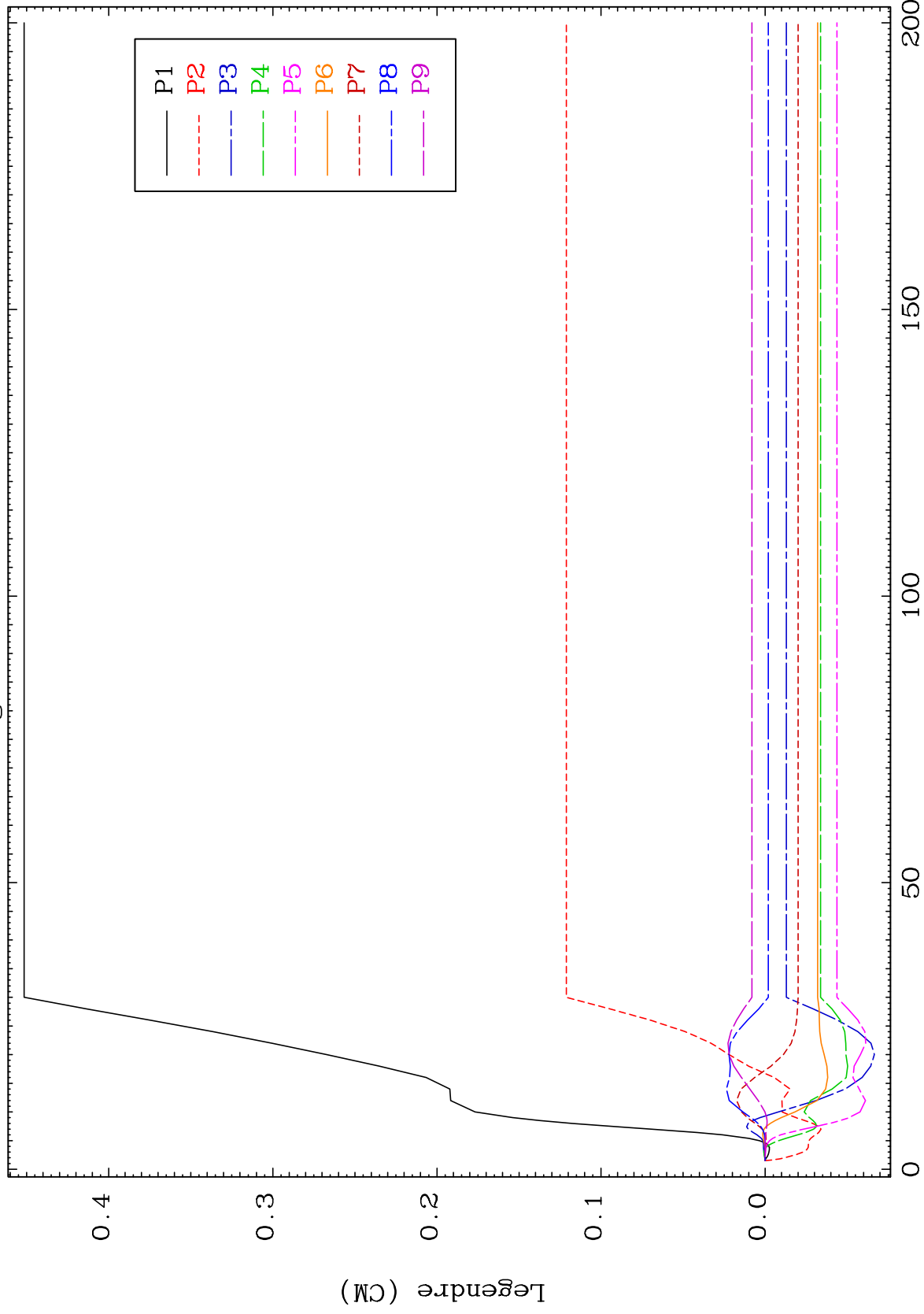
35-Br-73



MAT 3507

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

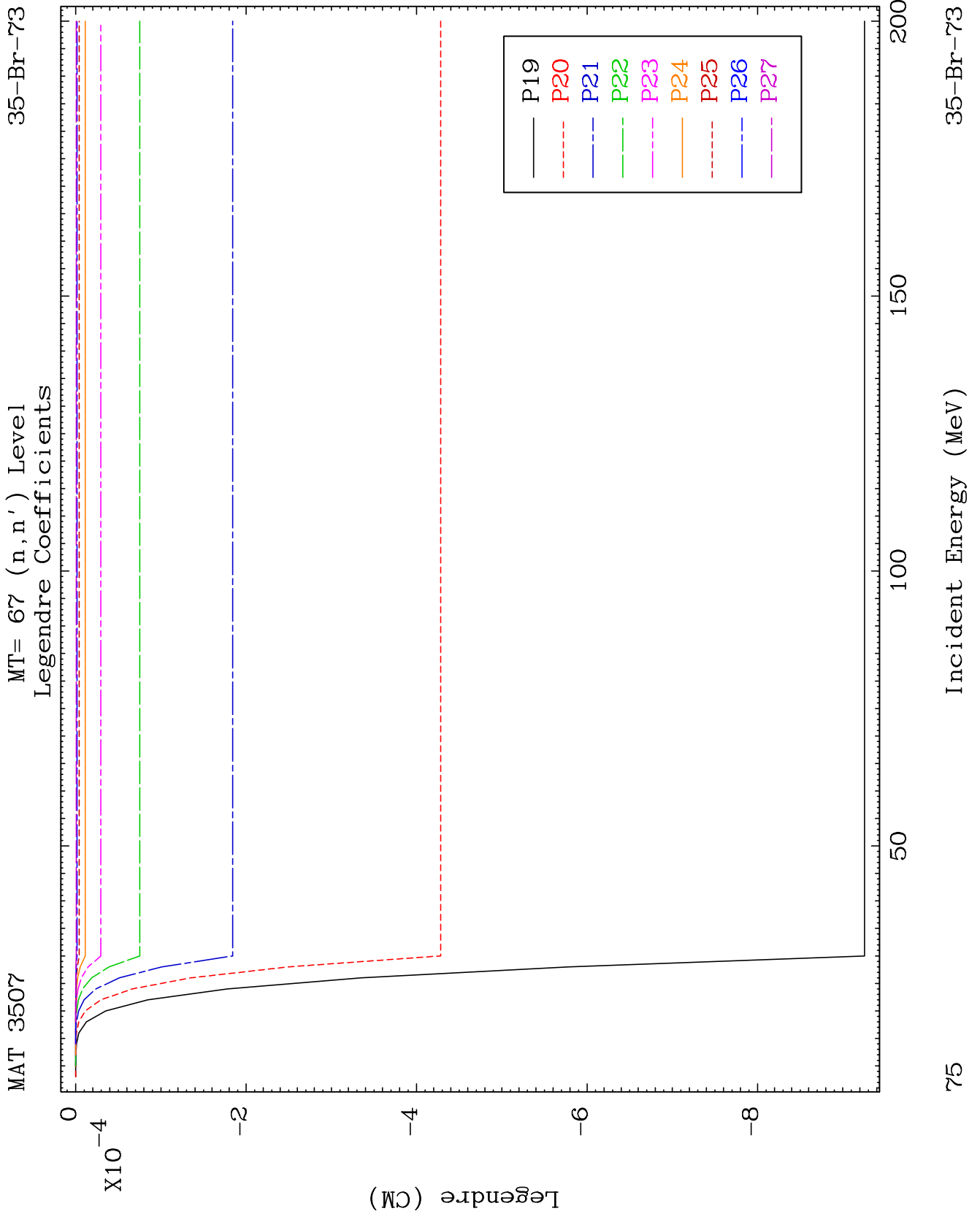
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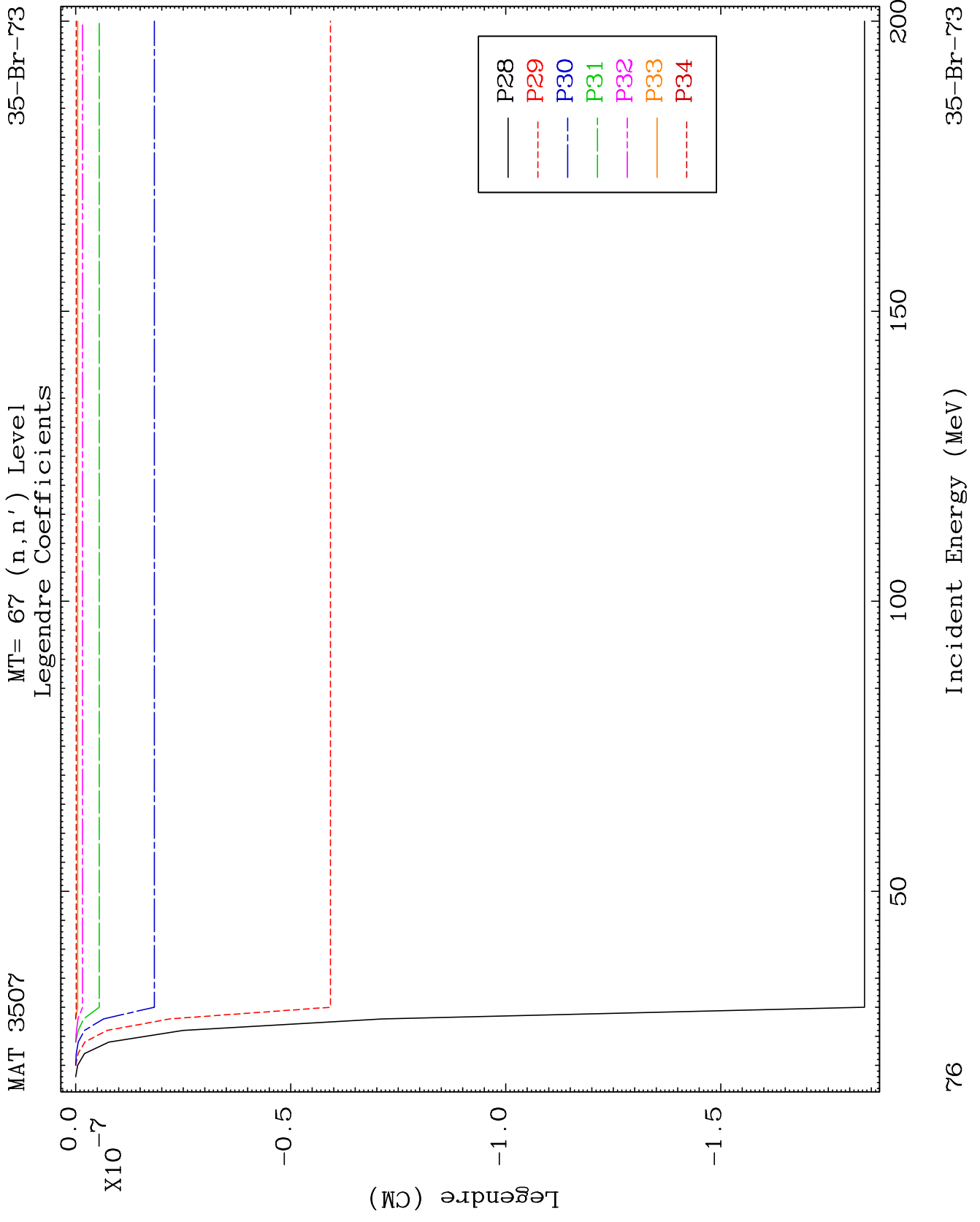


73

Incident Energy (MeV)

35-Br-73

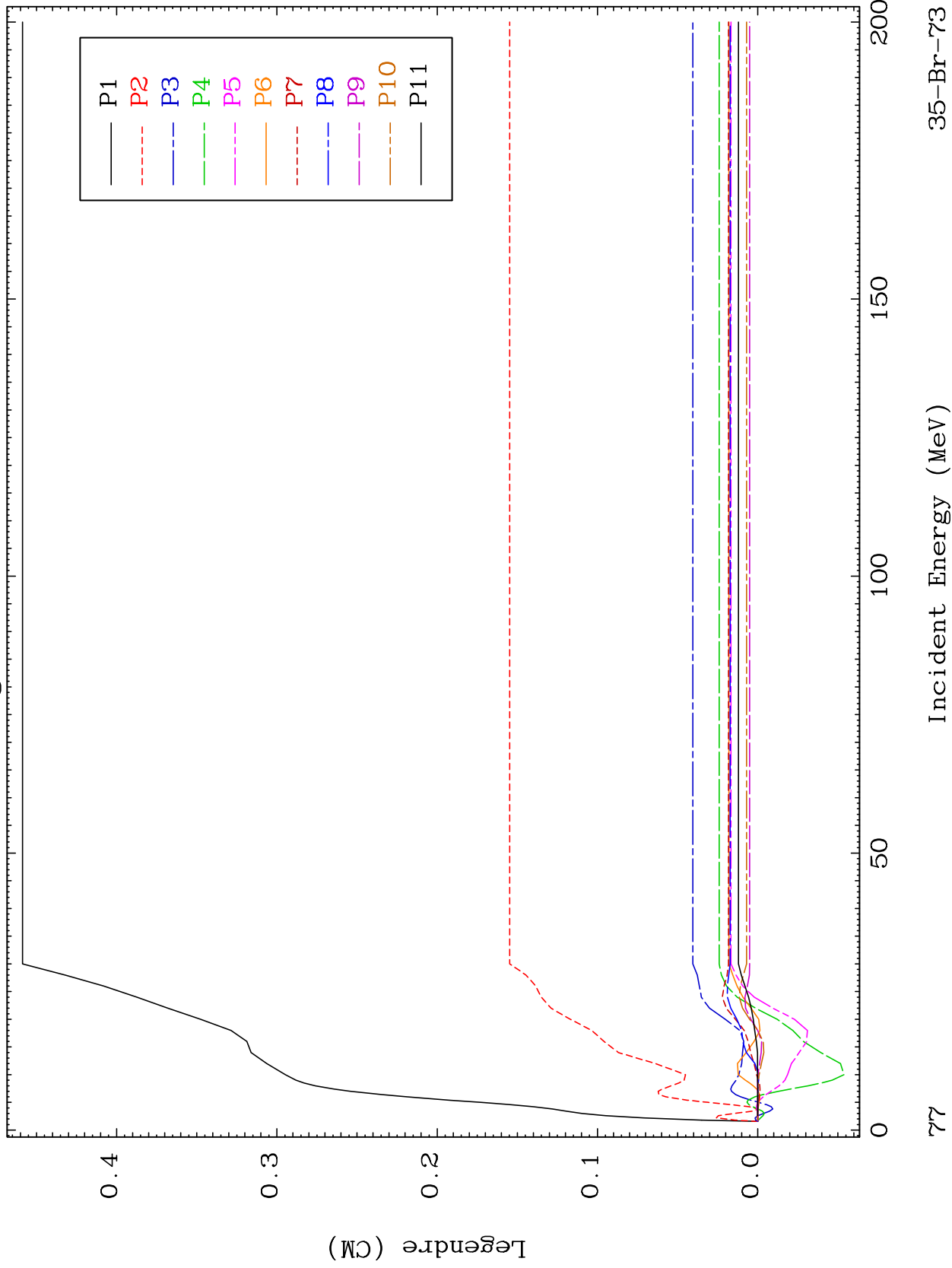




MAT 3507

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

35-Br-73



77

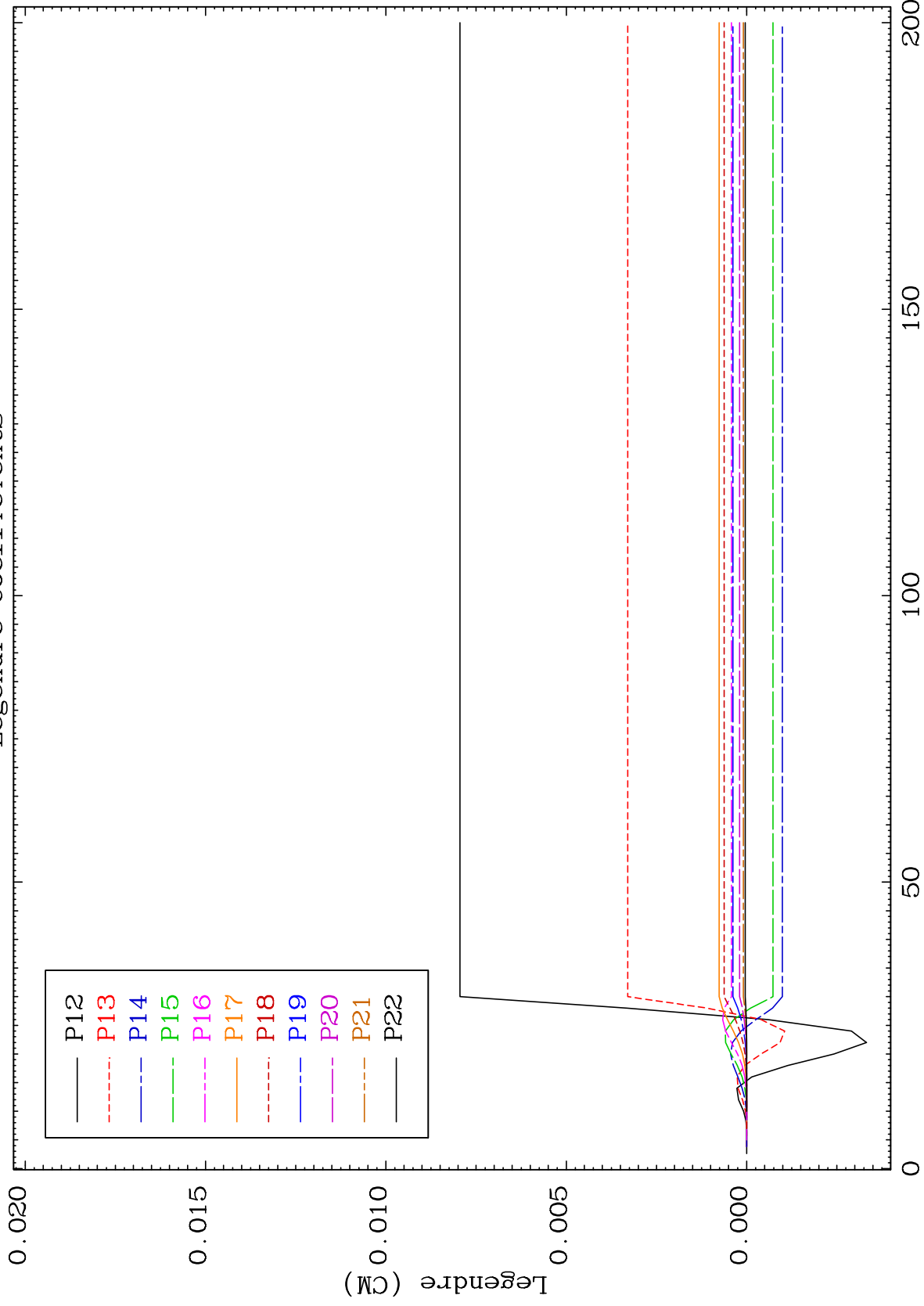
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



78

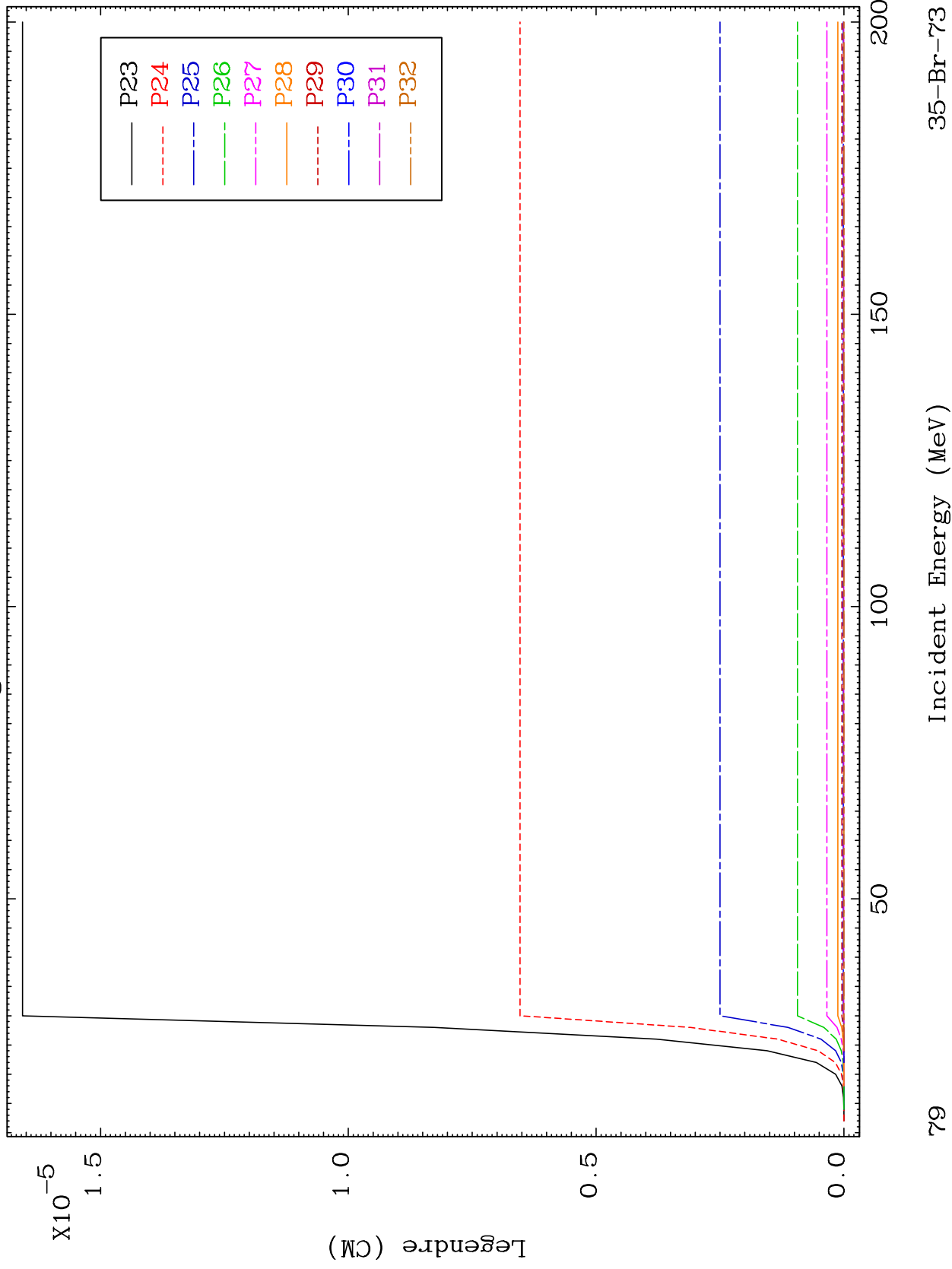
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



79

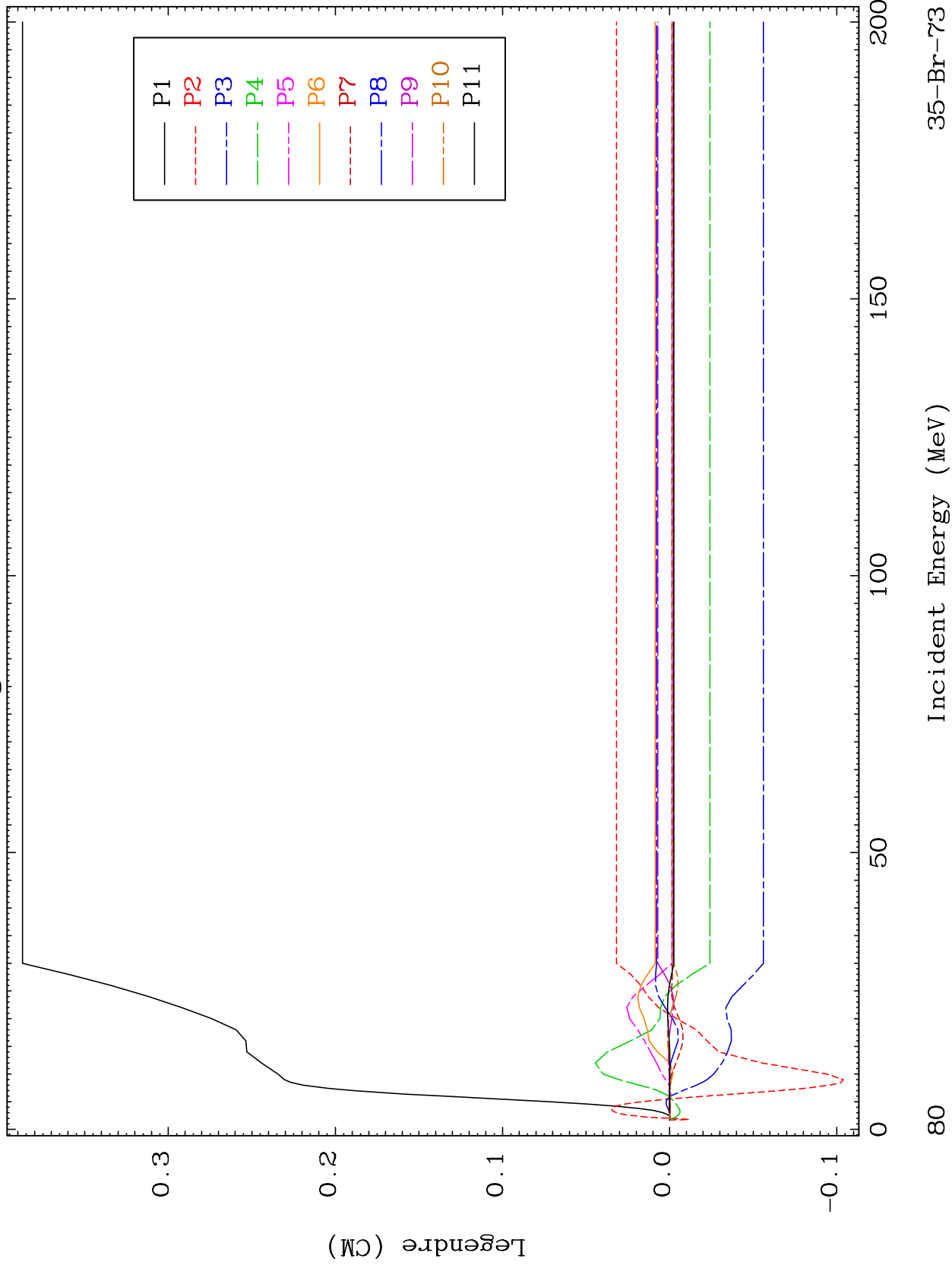
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73

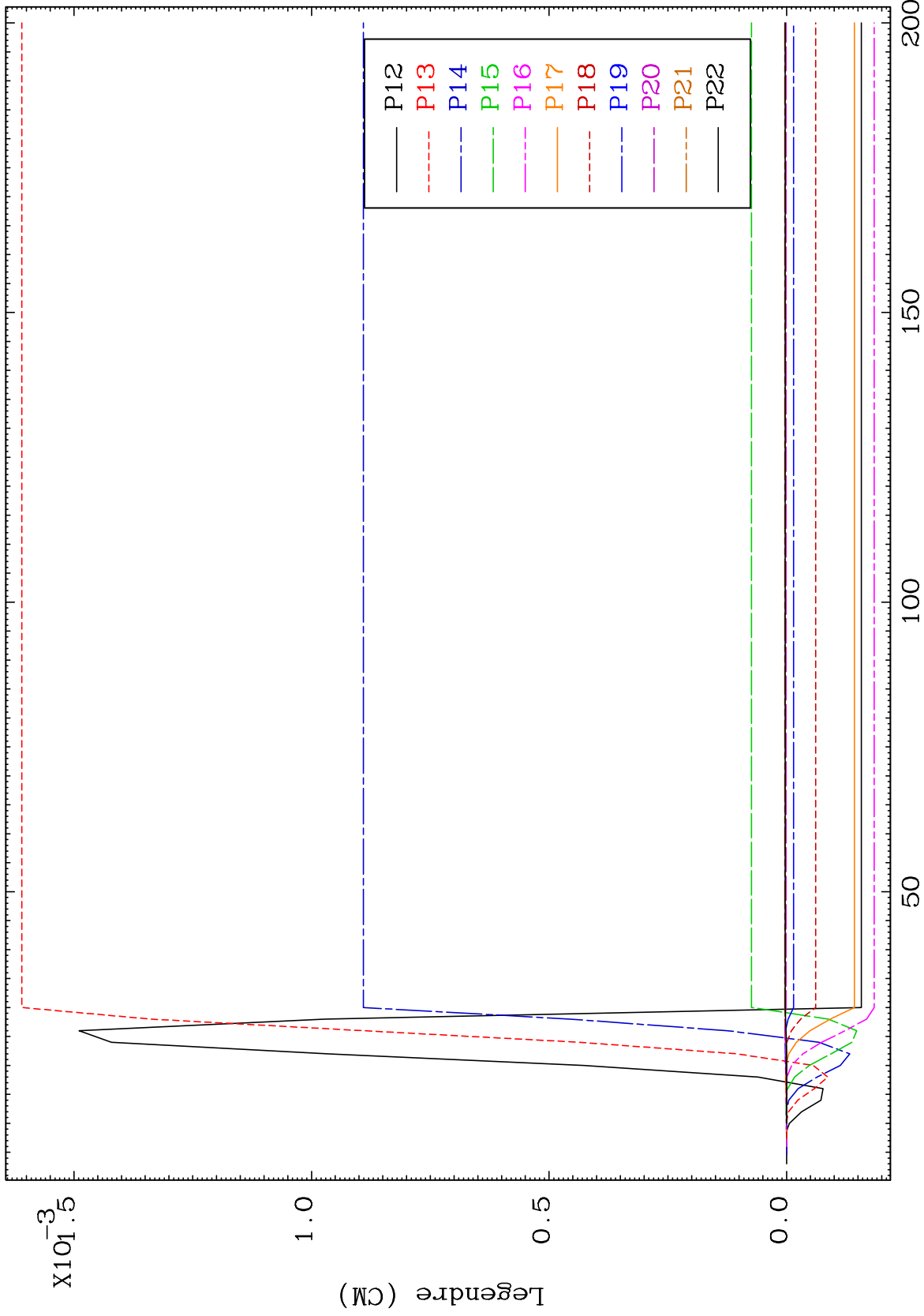


35-Br-73

MAT 3507

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

35-Br-73



81

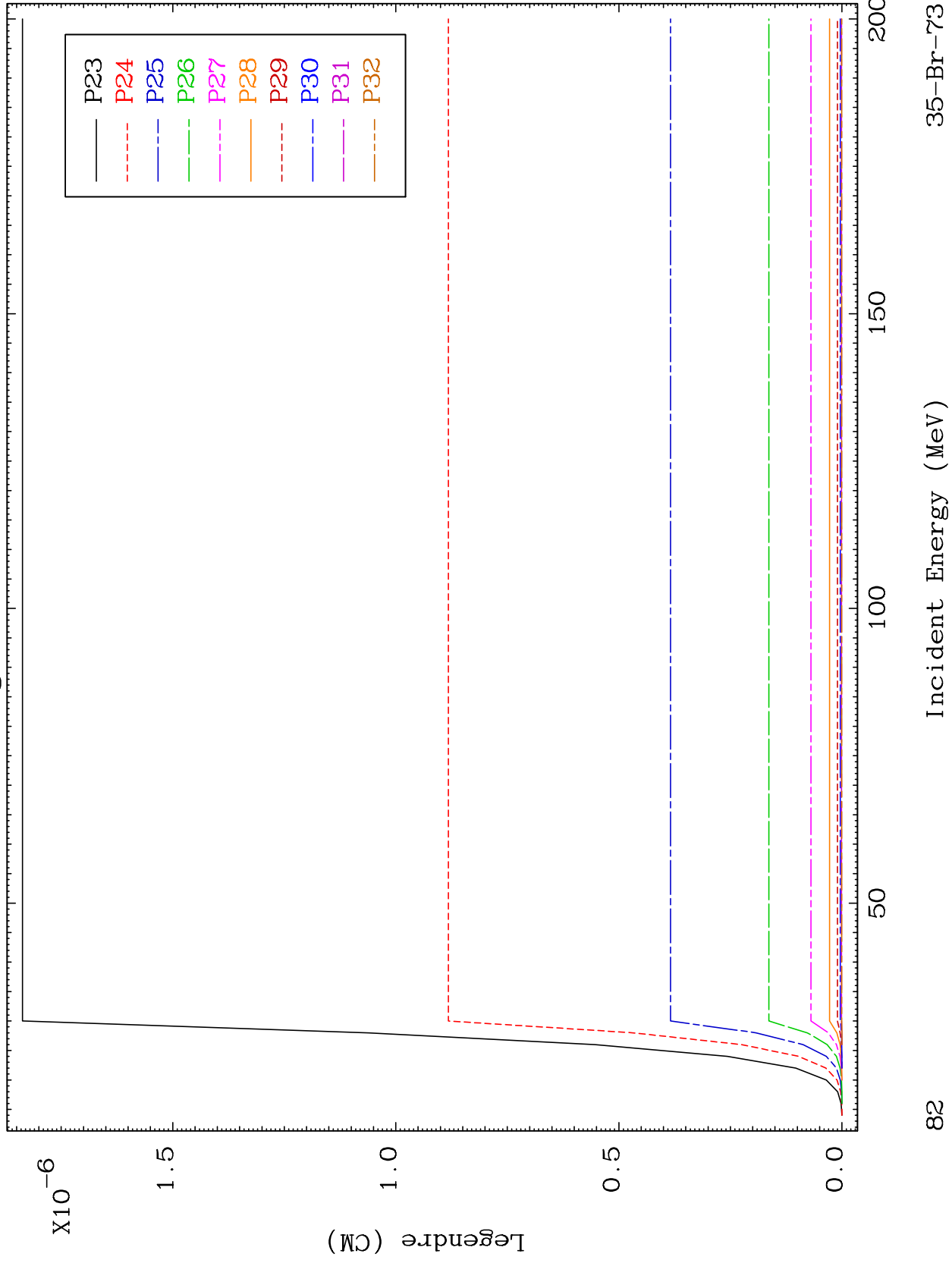
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



82

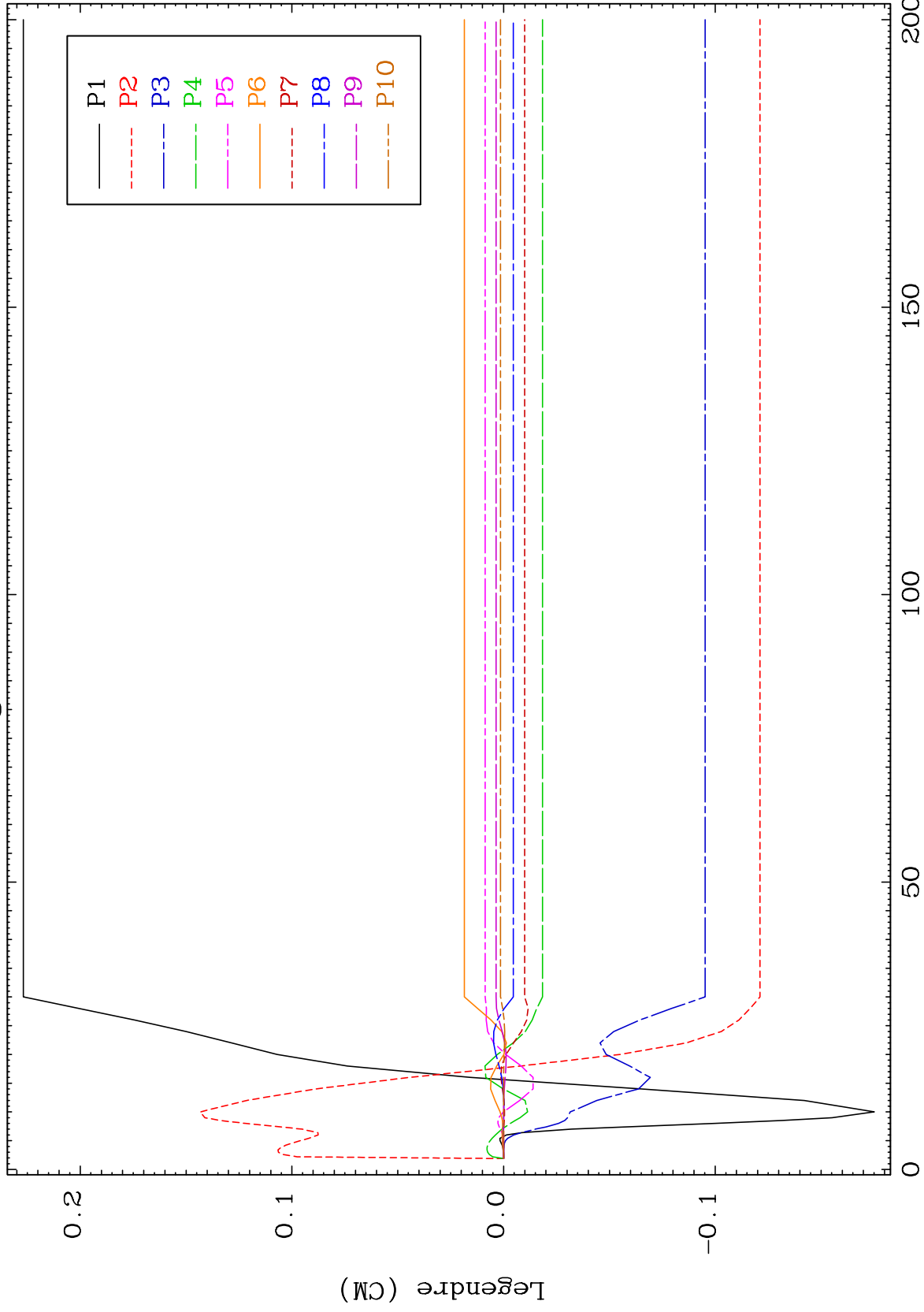
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



83

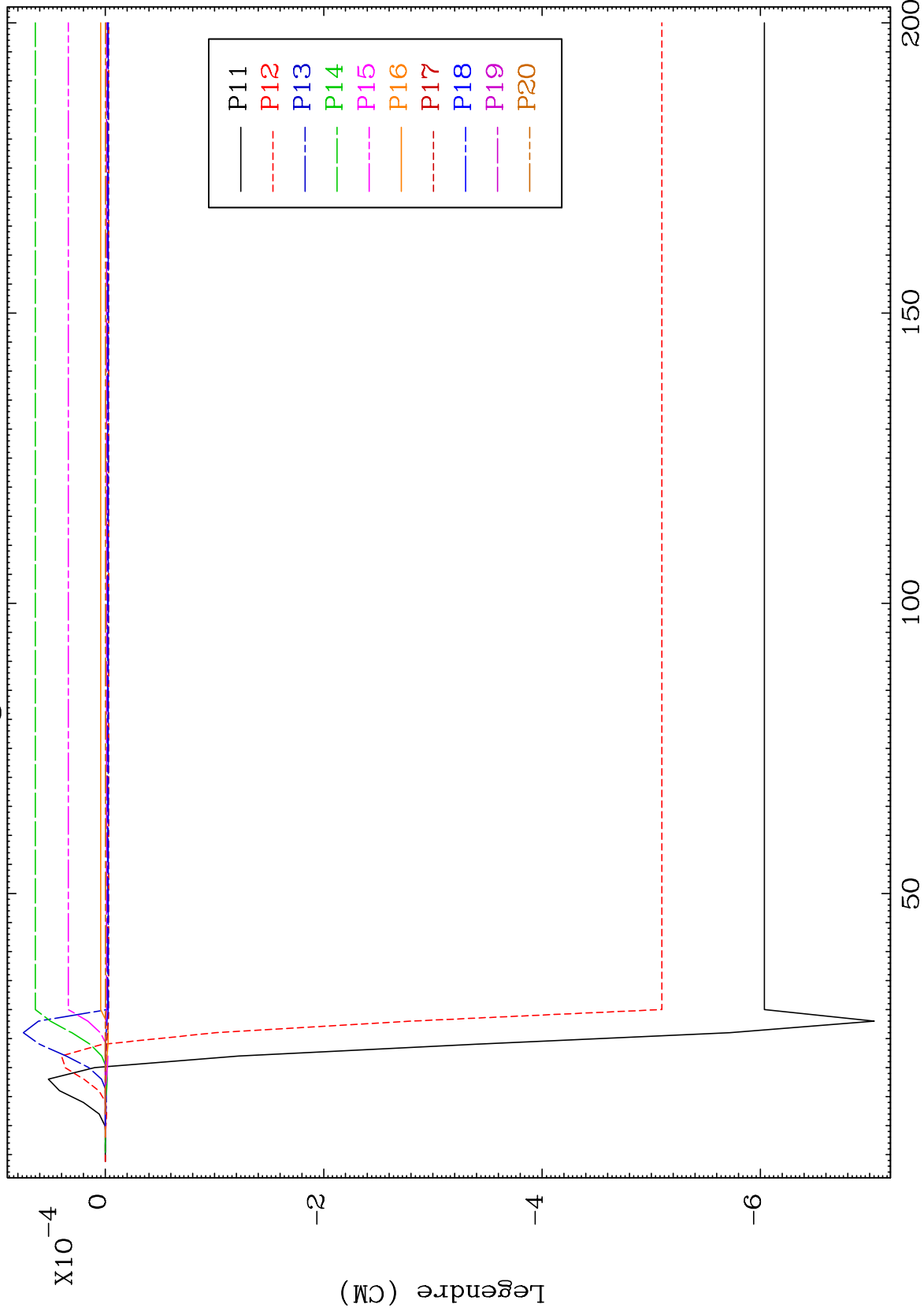
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



84

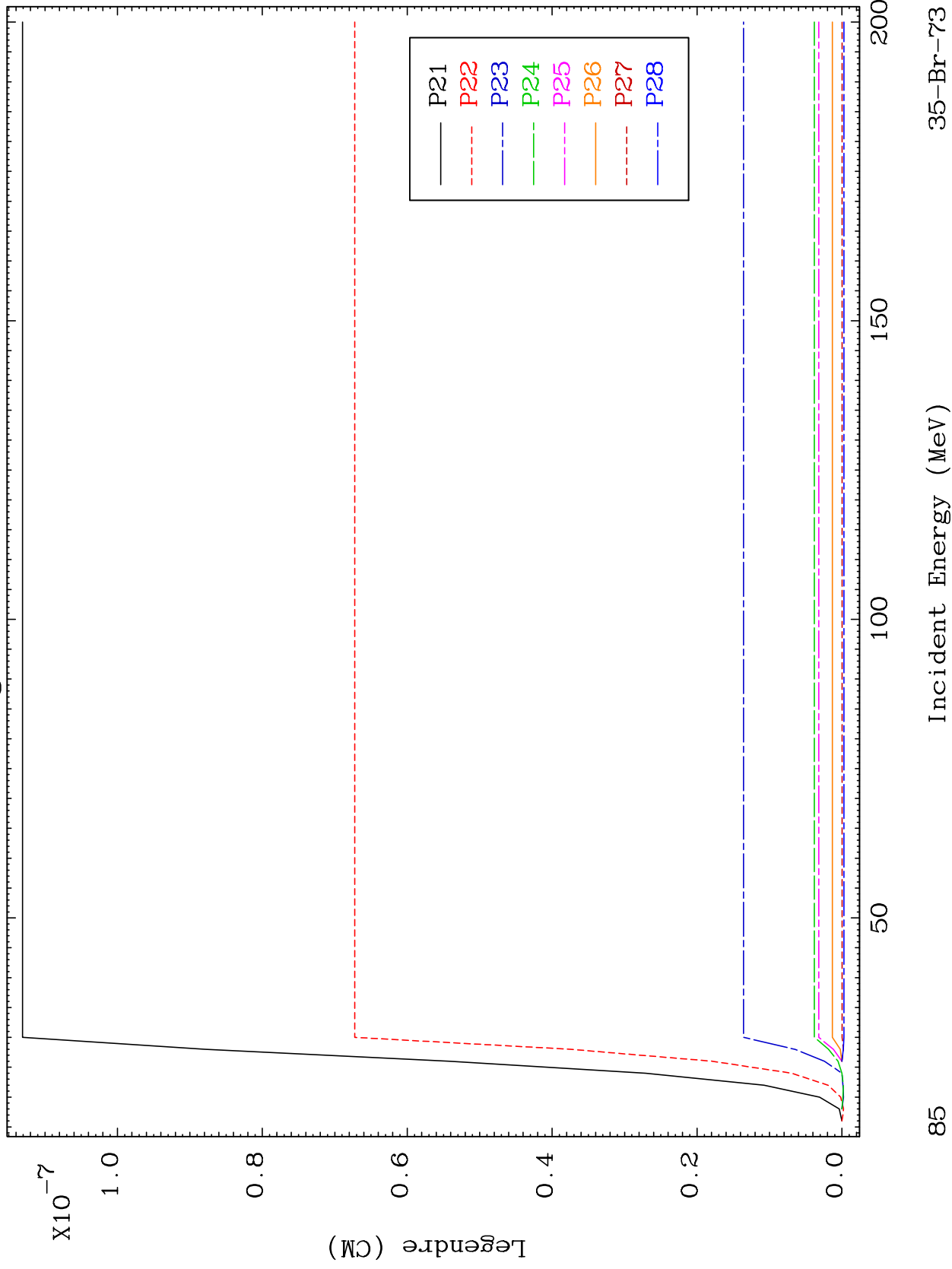
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



85

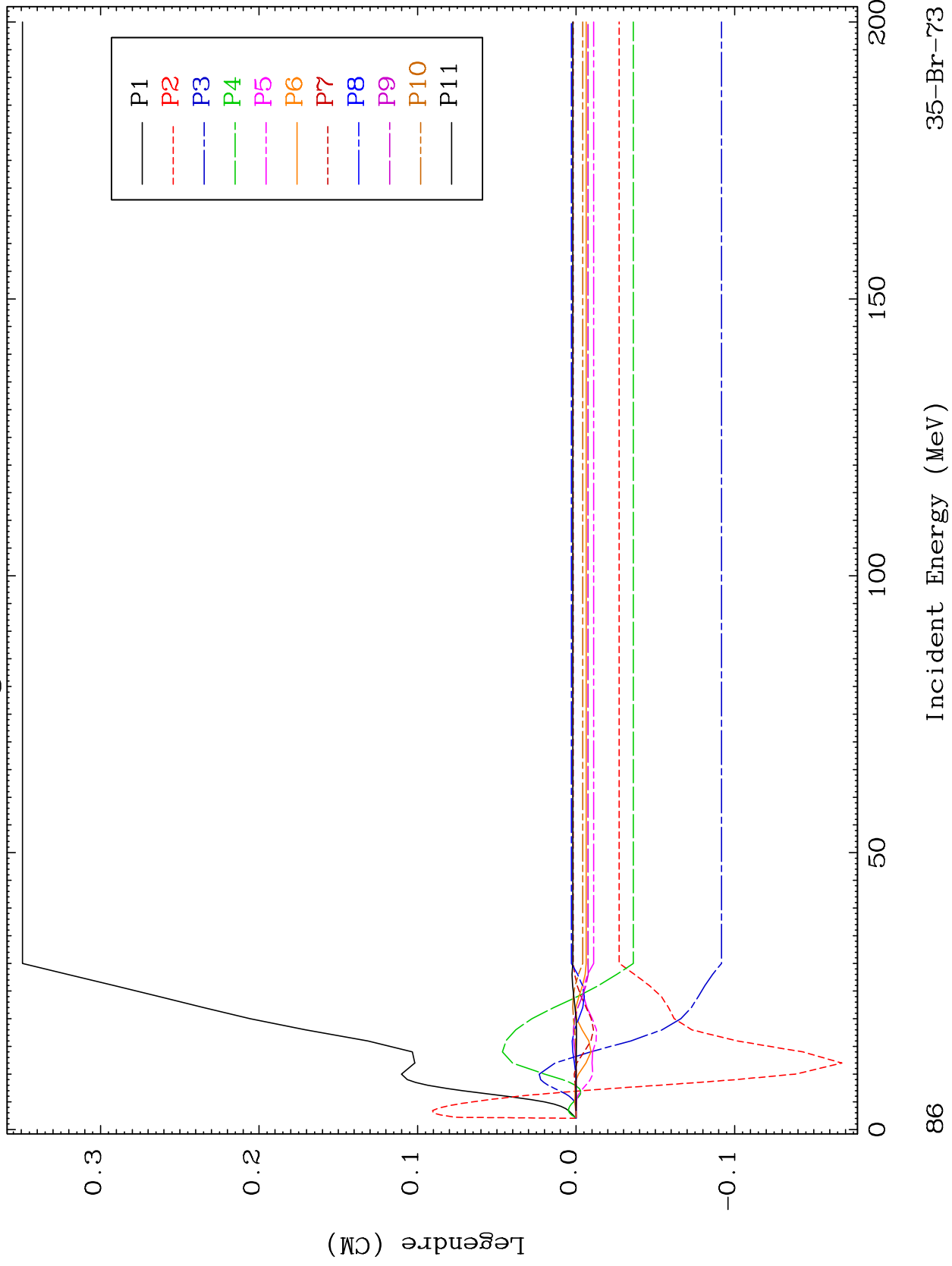
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



35-Br-73

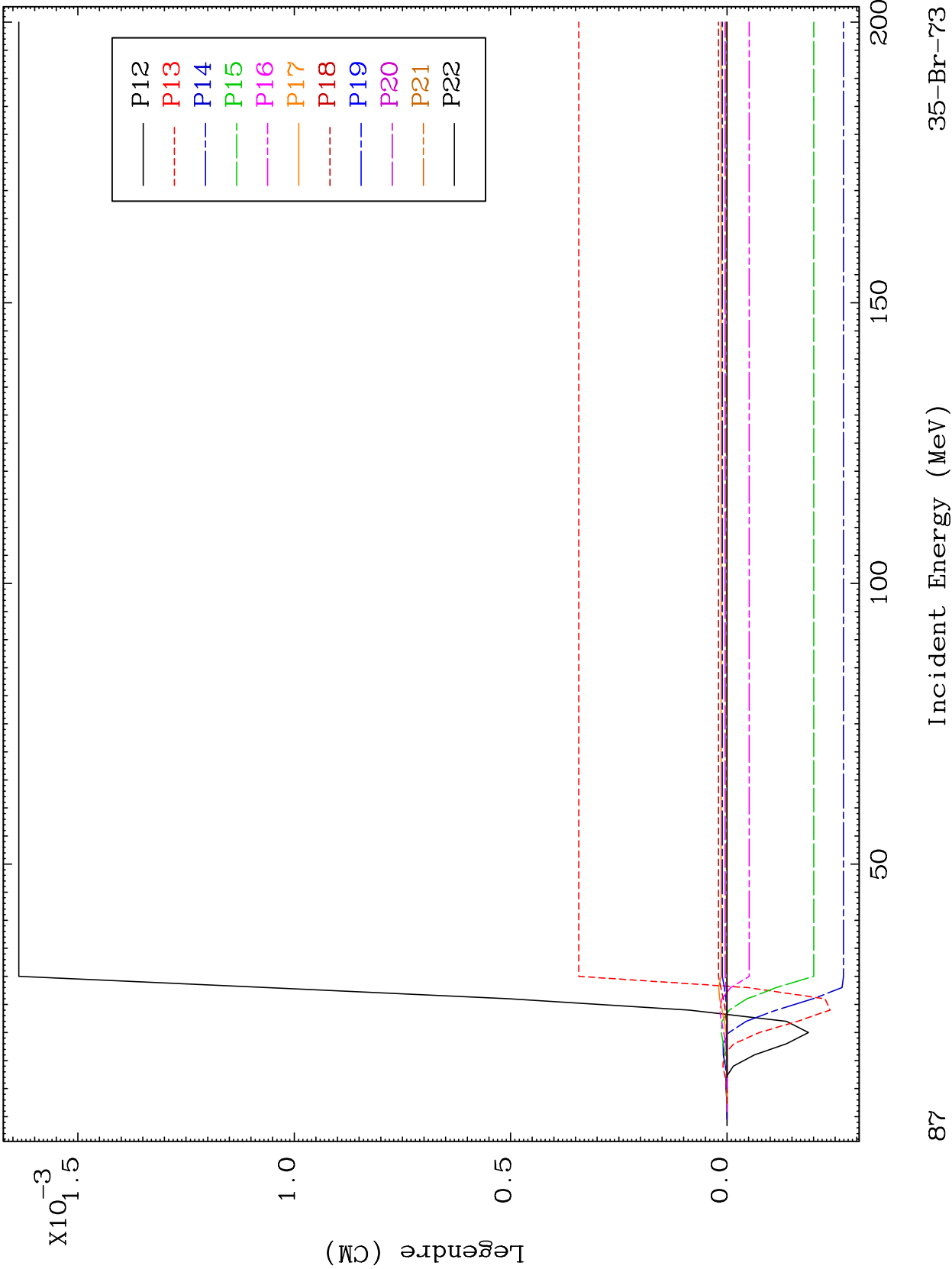
Incident Energy (MeV)

86

MAT 3507

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

35-Br-73



87

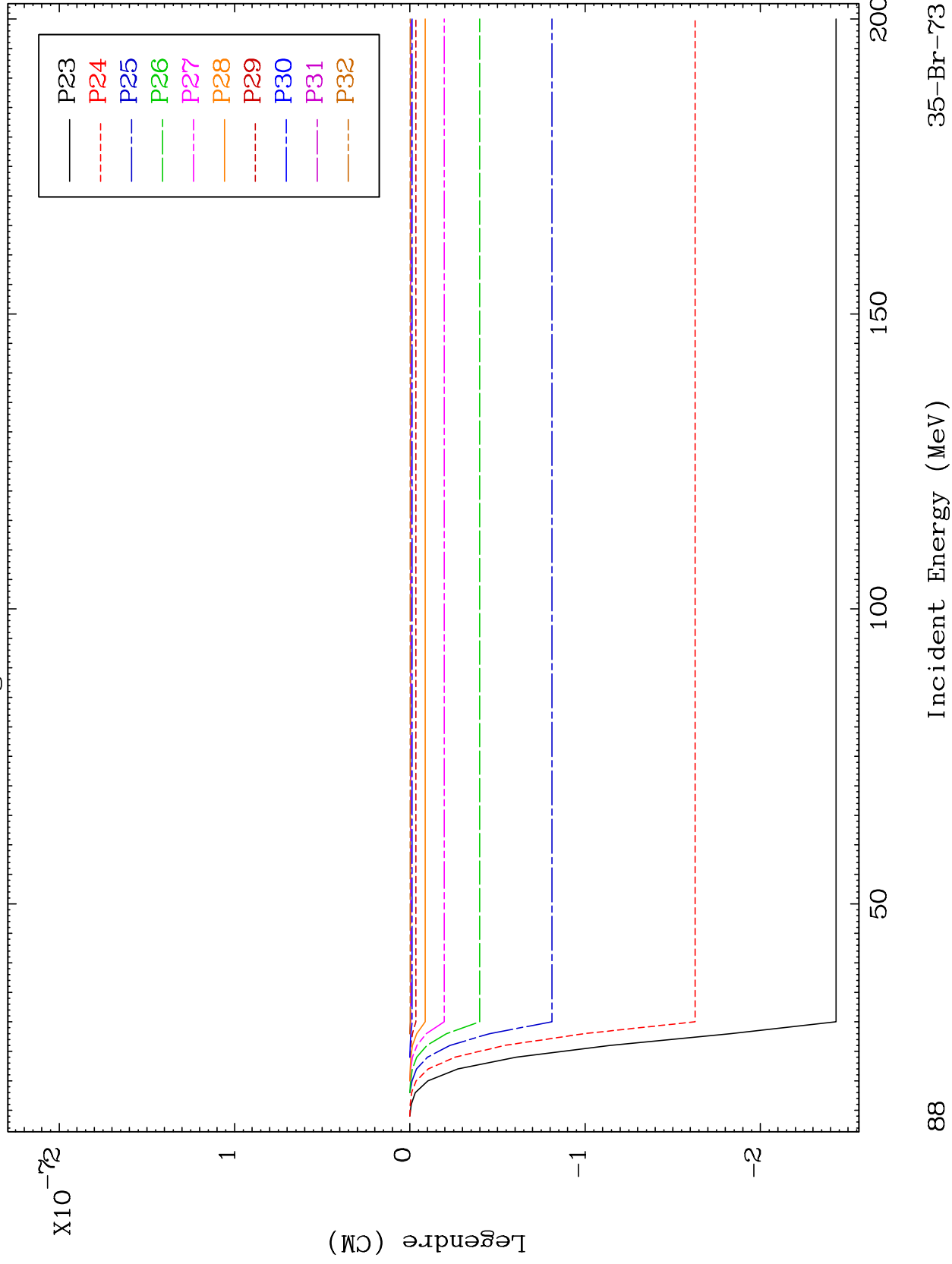
Incident Energy (MeV)

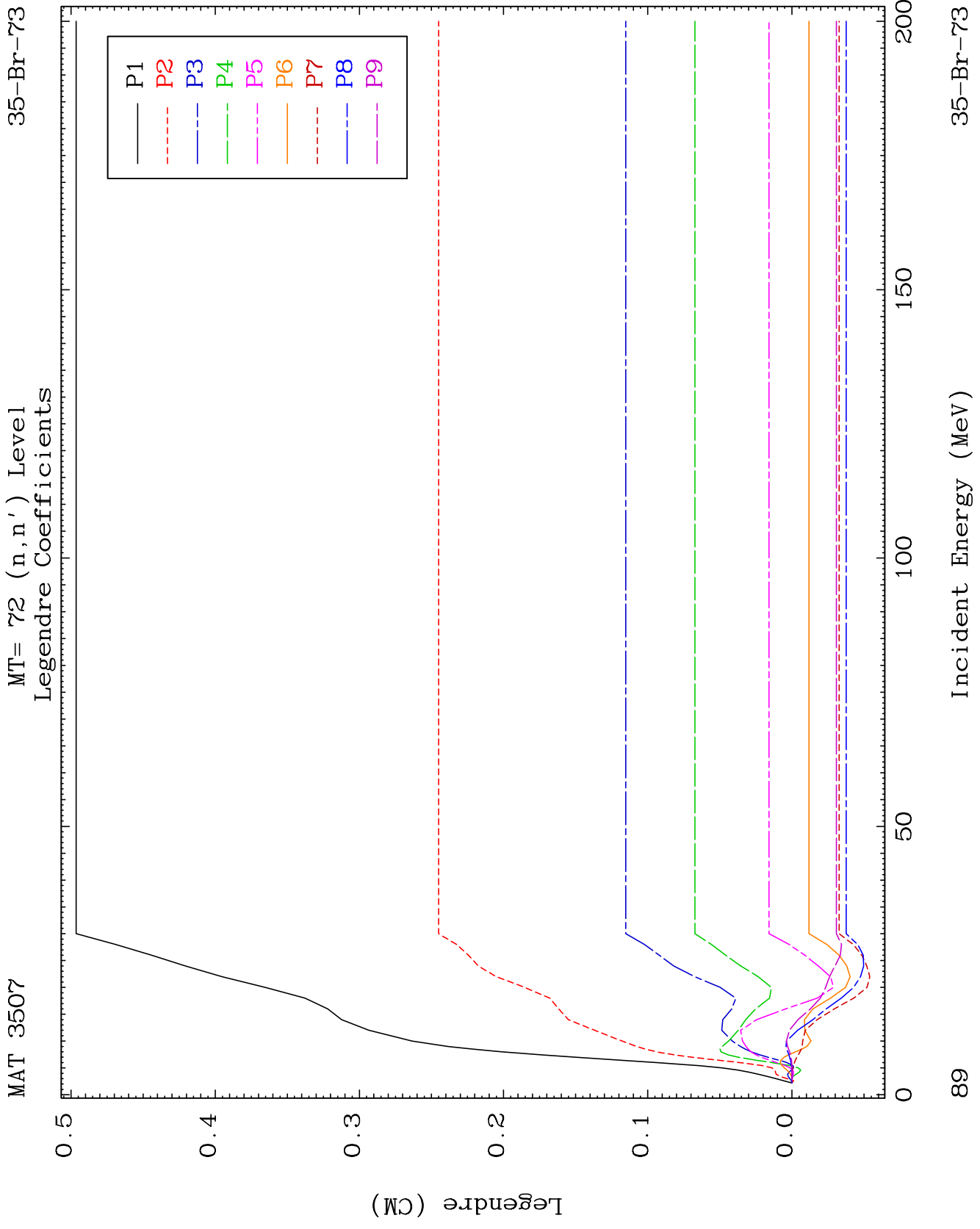
35-Br-73

MAT 3507

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

35-Br-73

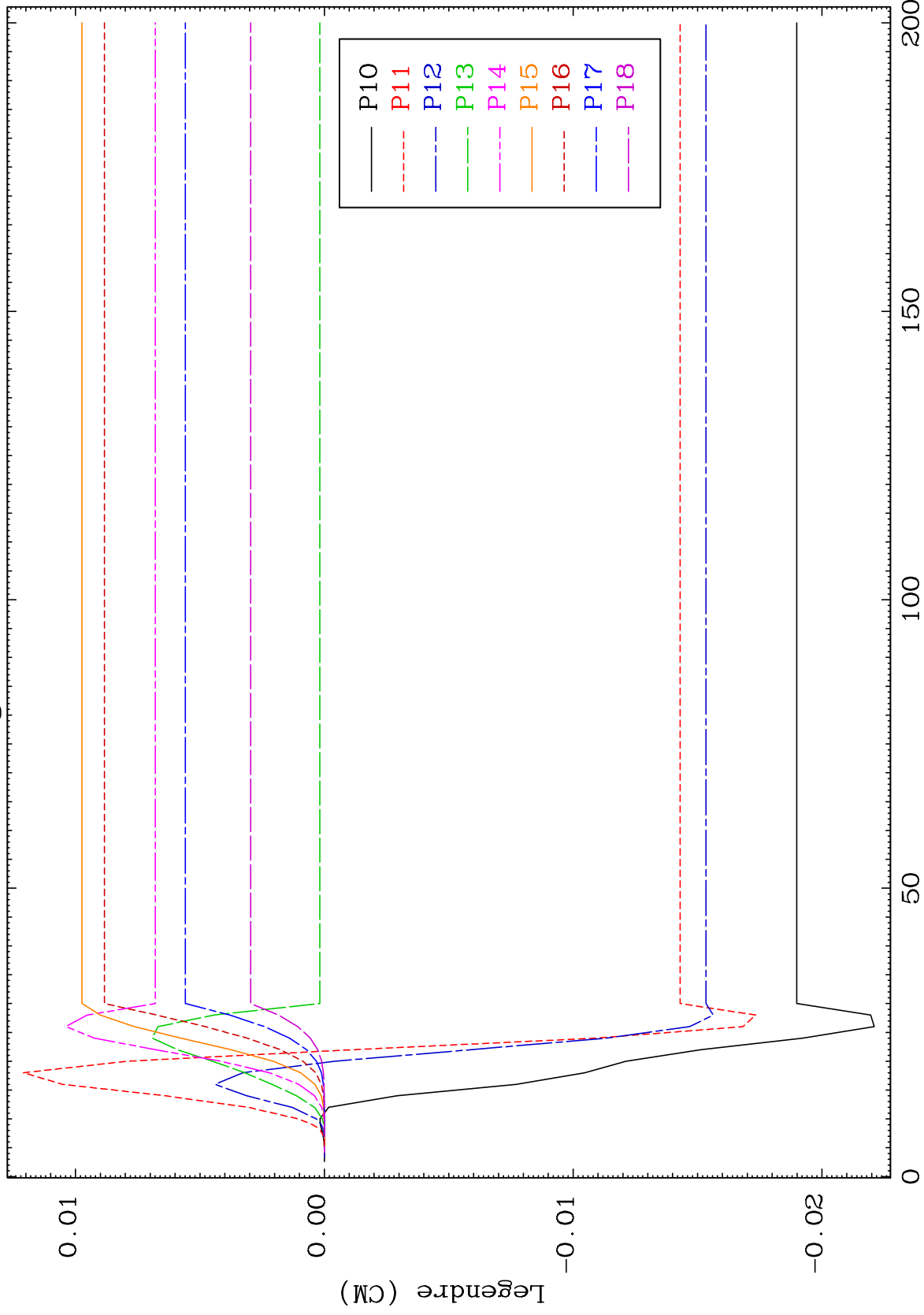




MAT 3507

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

35-Br-73



90

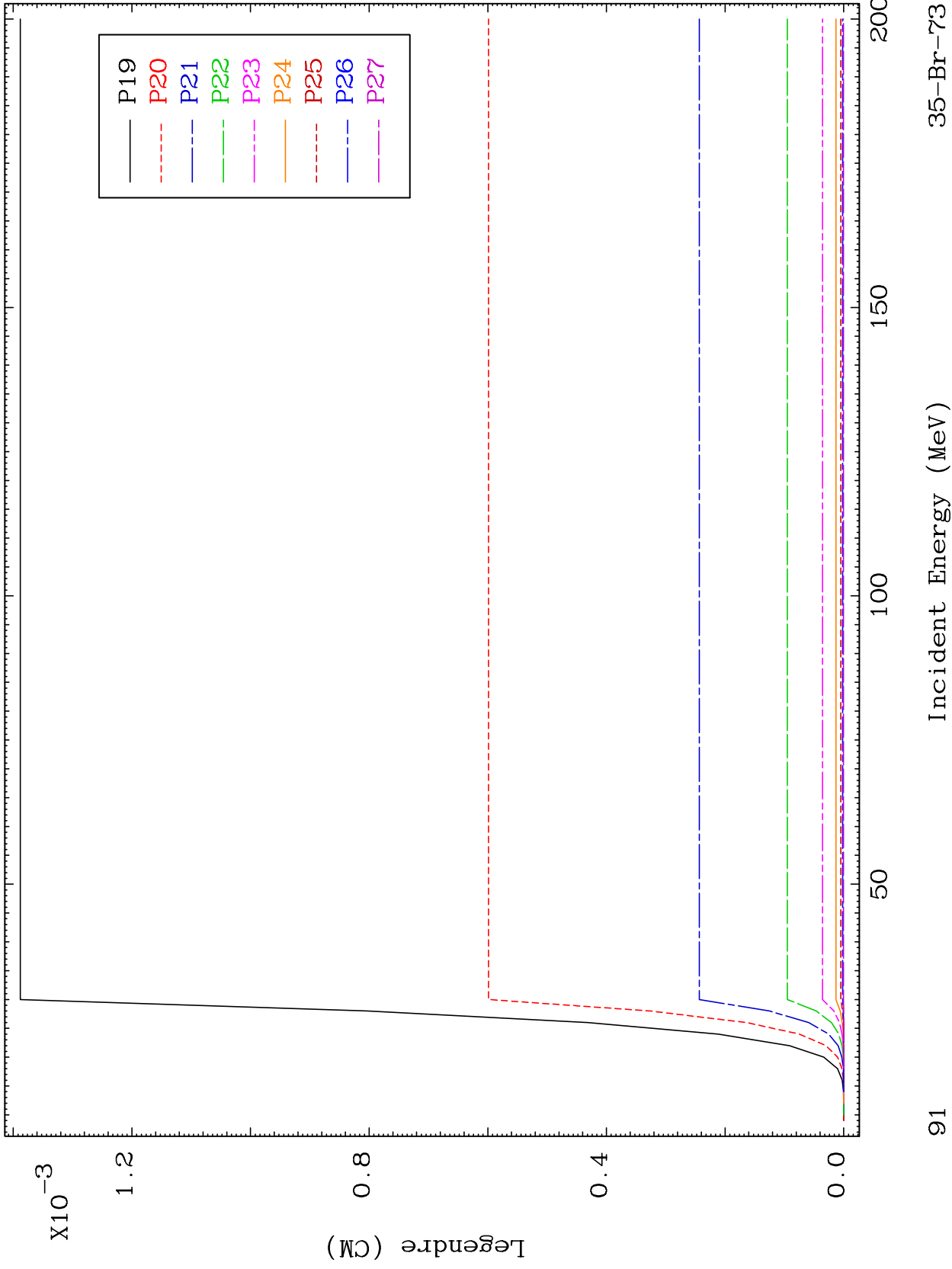
Incident Energy (MeV)

35-Br-73

MAT 3507

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

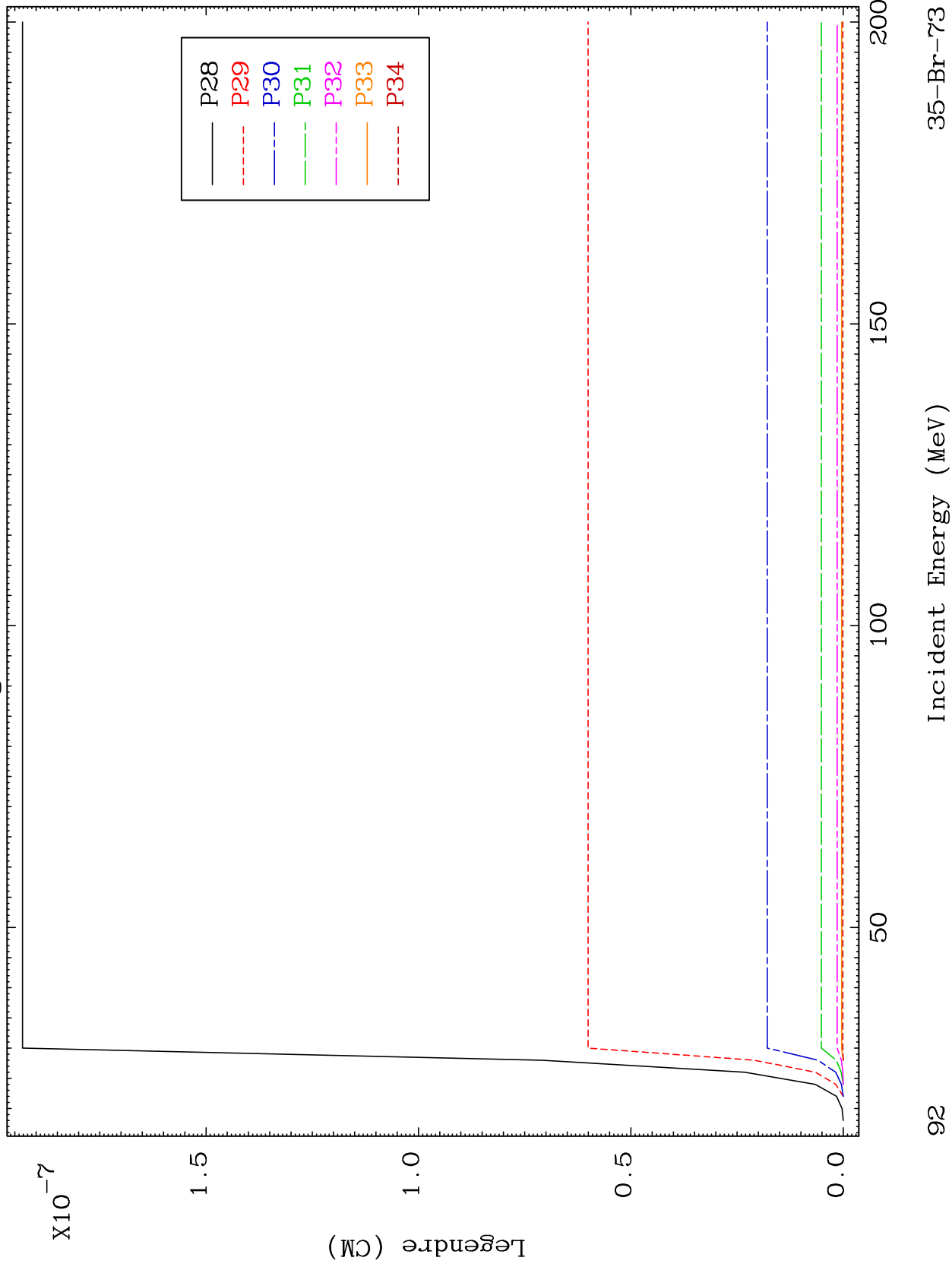
35-Br-73



MAT 3507

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

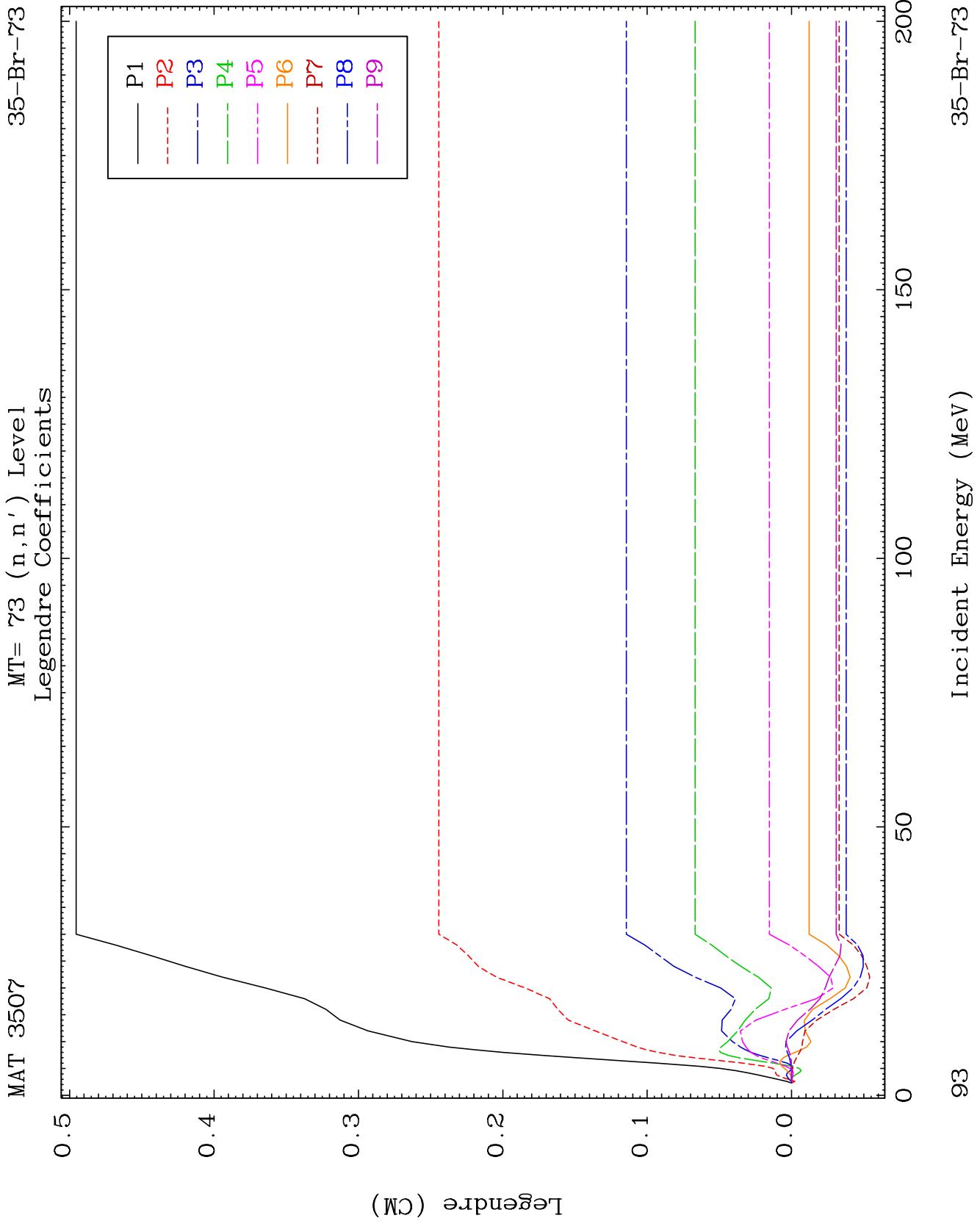
35-Br-73



92

Incident Energy (MeV)

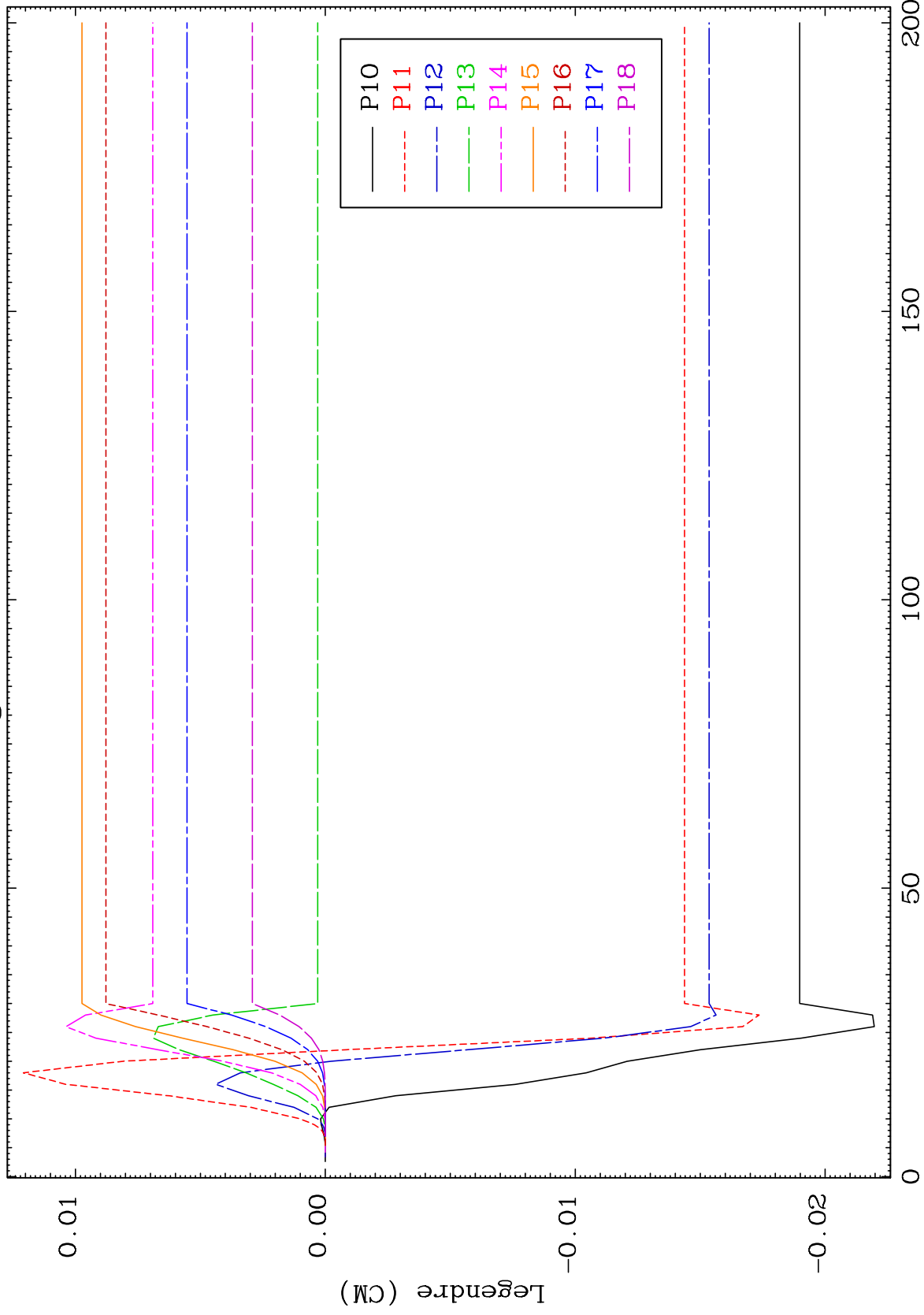
35-Br-73



MAT 3507

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

35-Br-73



94

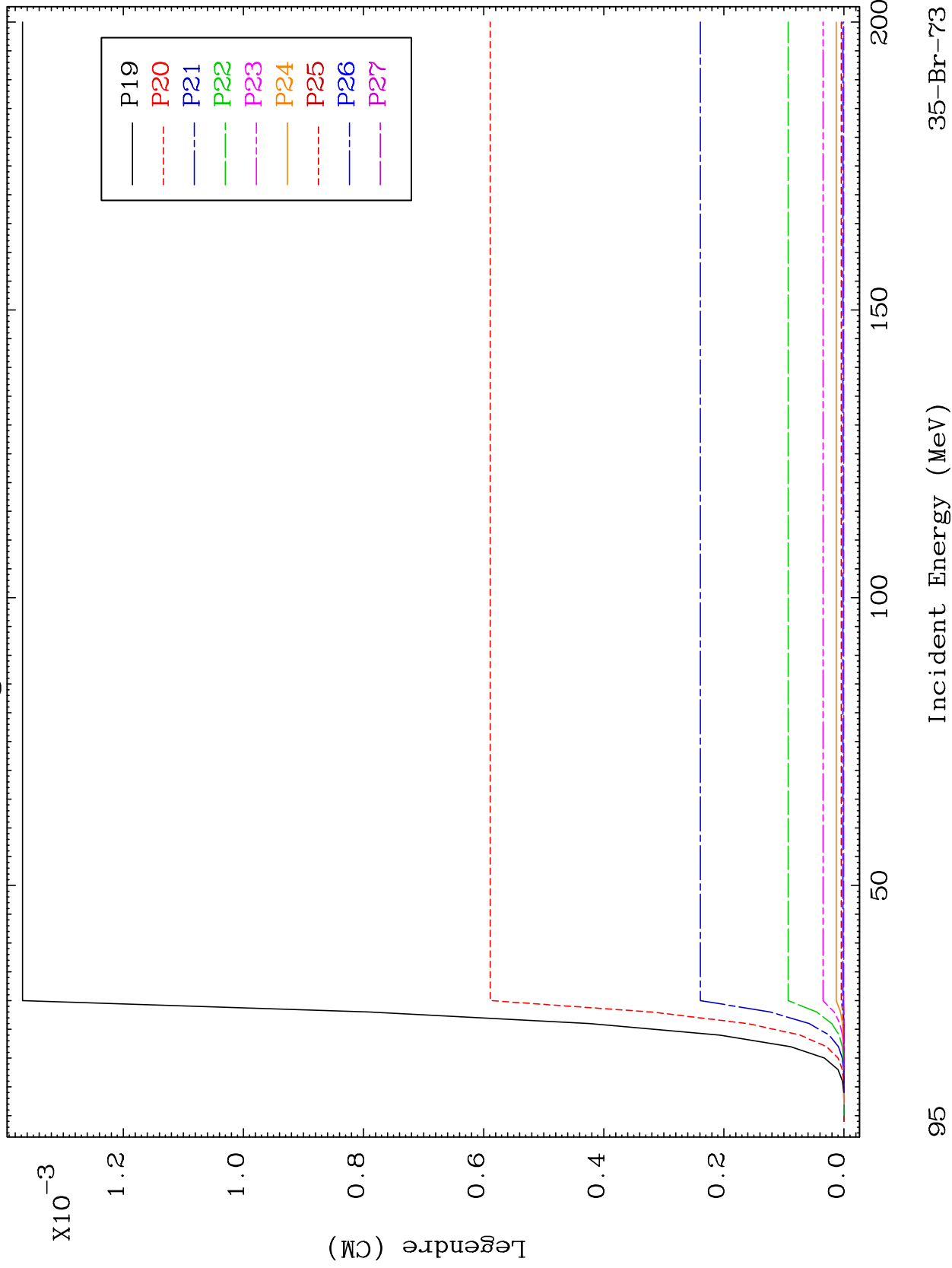
Incident Energy (MeV)

35-Br-73

MAT 3507

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

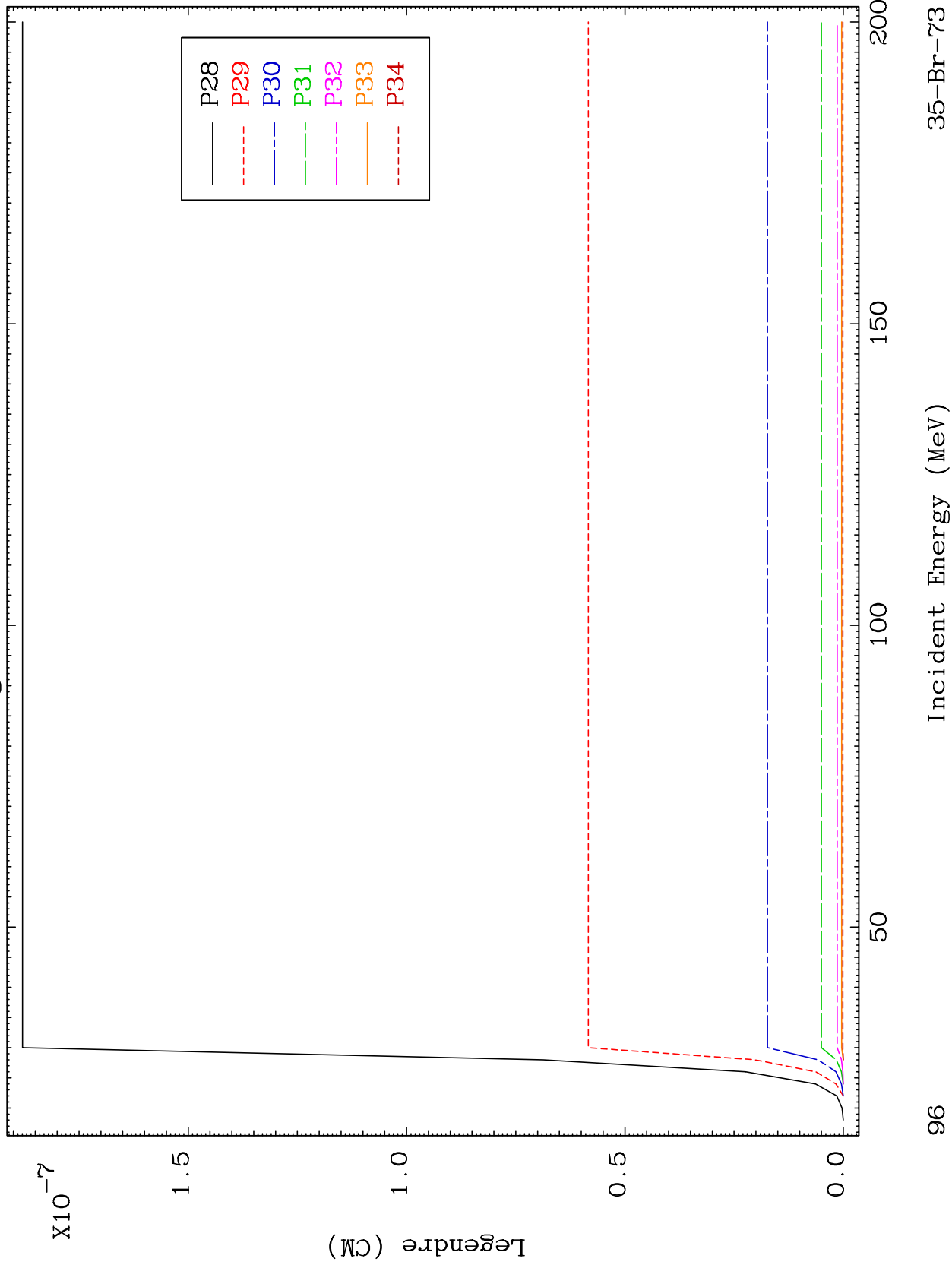
35-Br-73



MAT 3507

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

35-Br-73



96

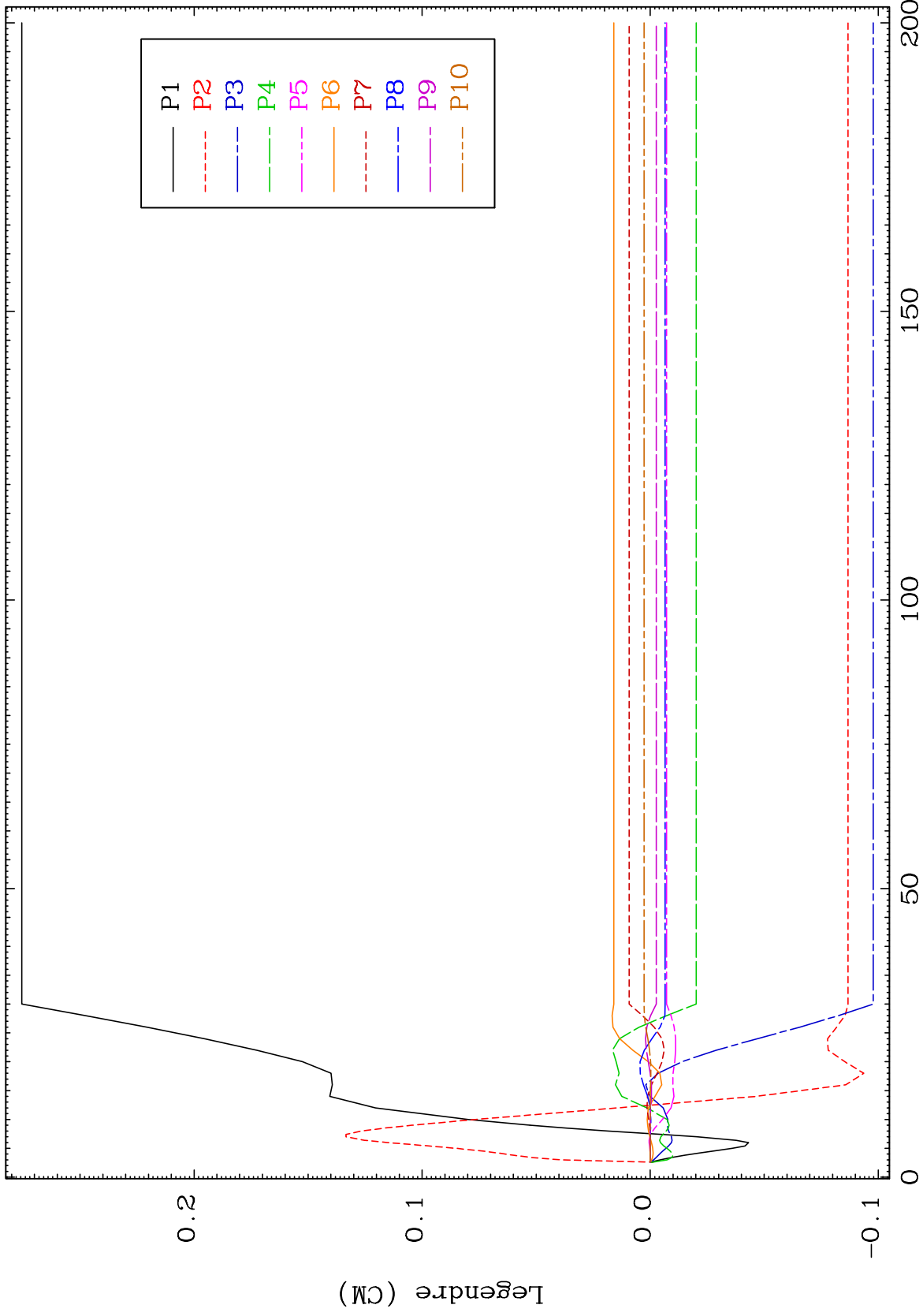
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



97

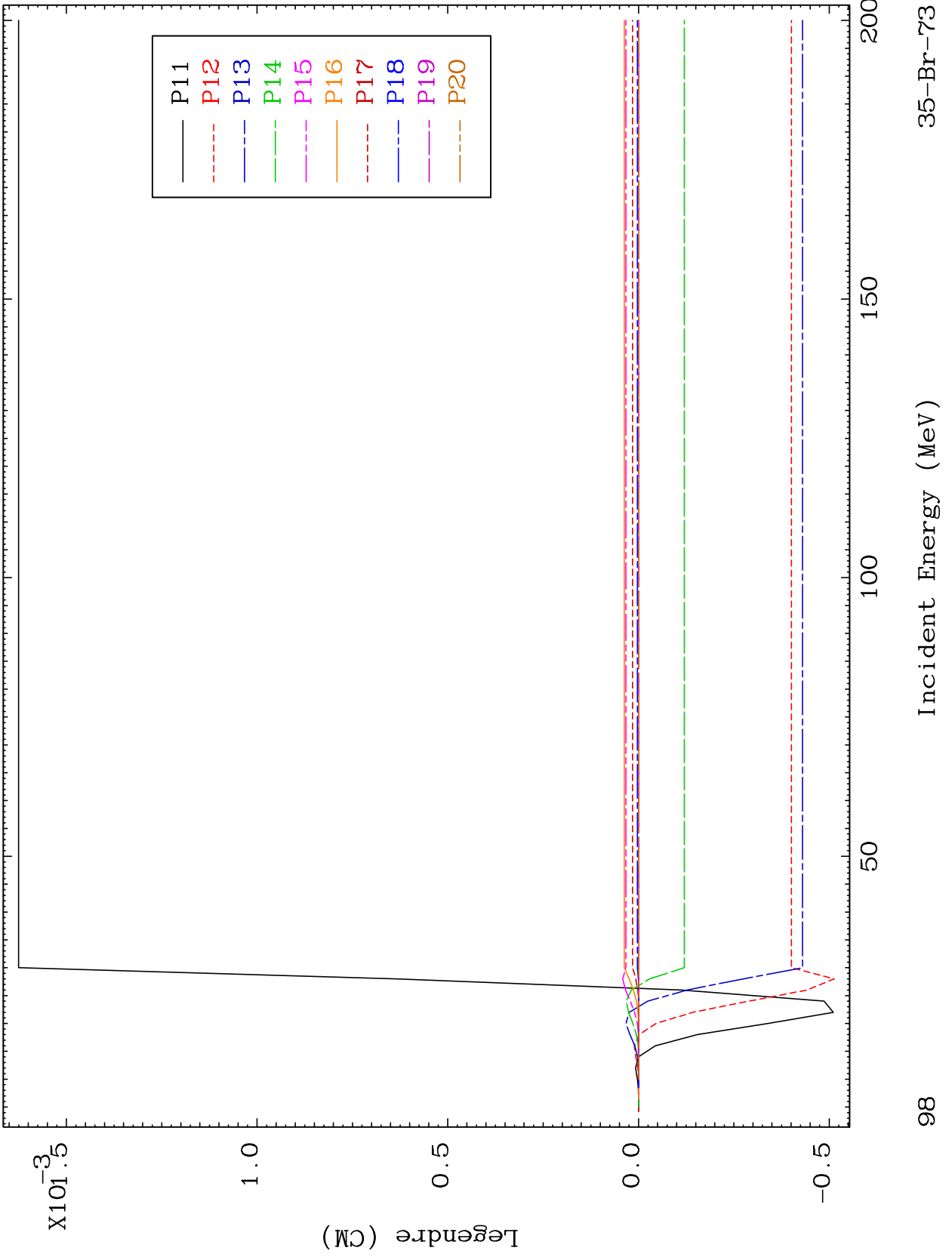
Incident Energy (MeV)

35-Br-73

MAT 3507

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

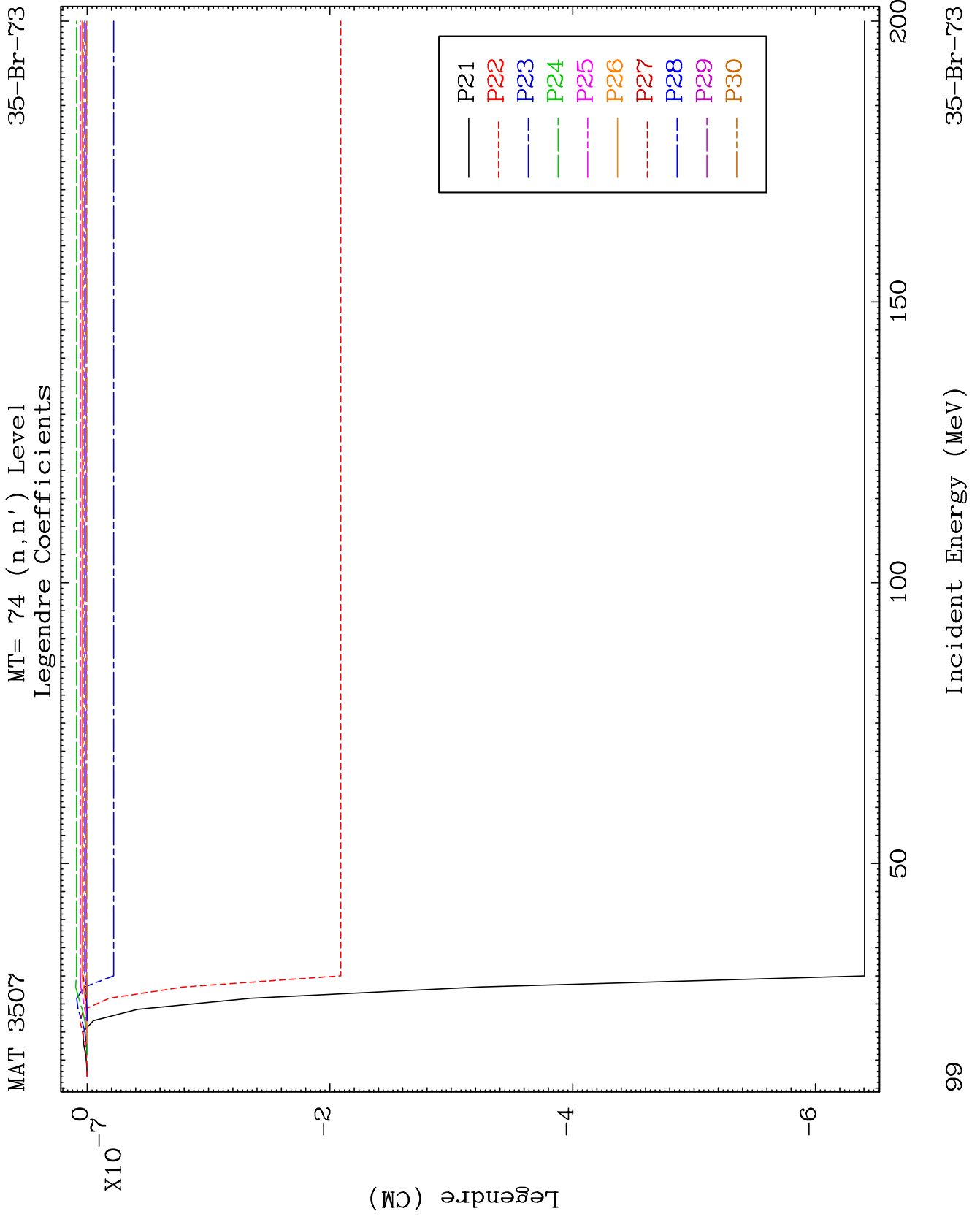
35-Br-73



98

Incident Energy (MeV)

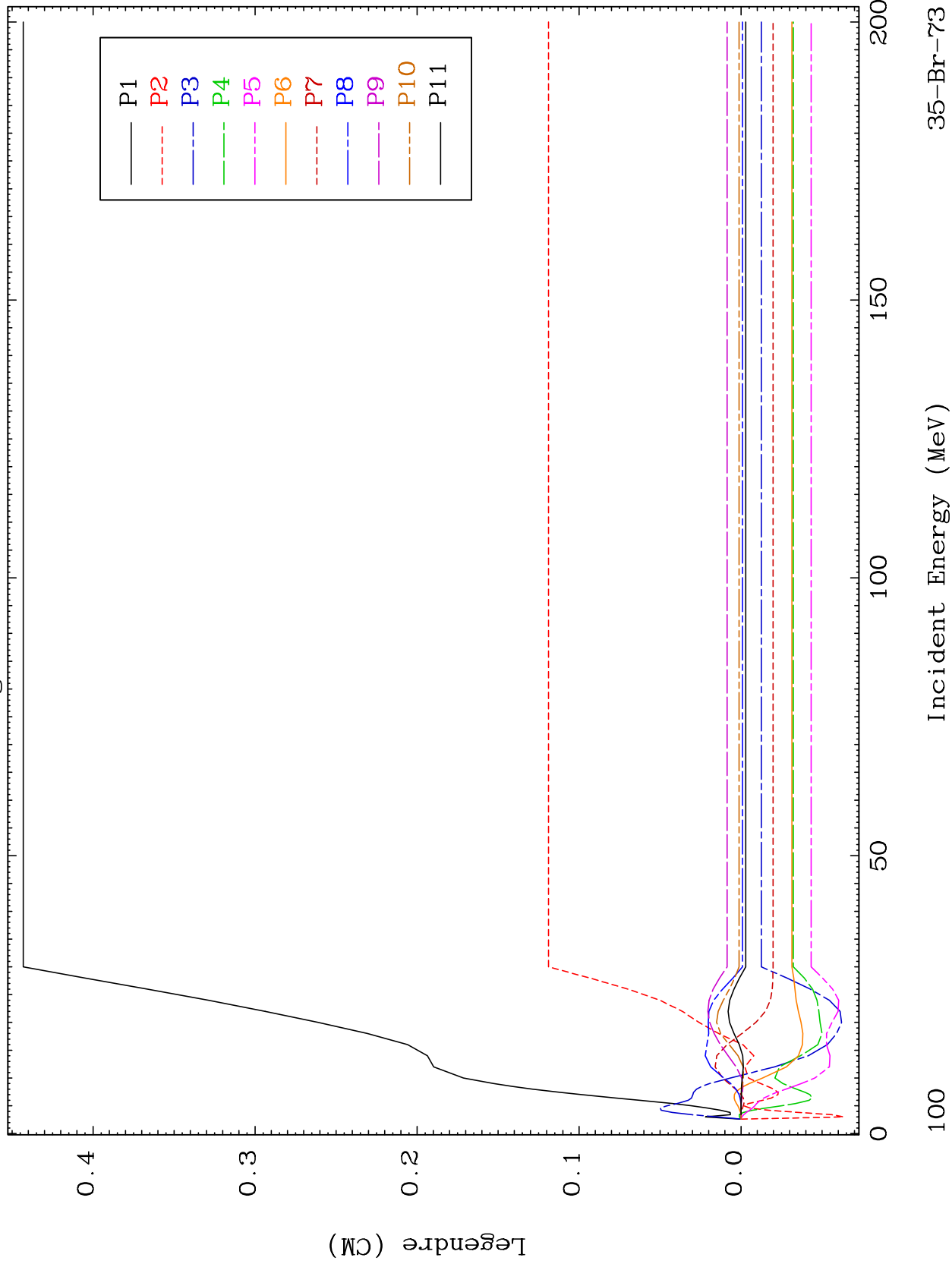
35-Br-73



MAT 3507

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

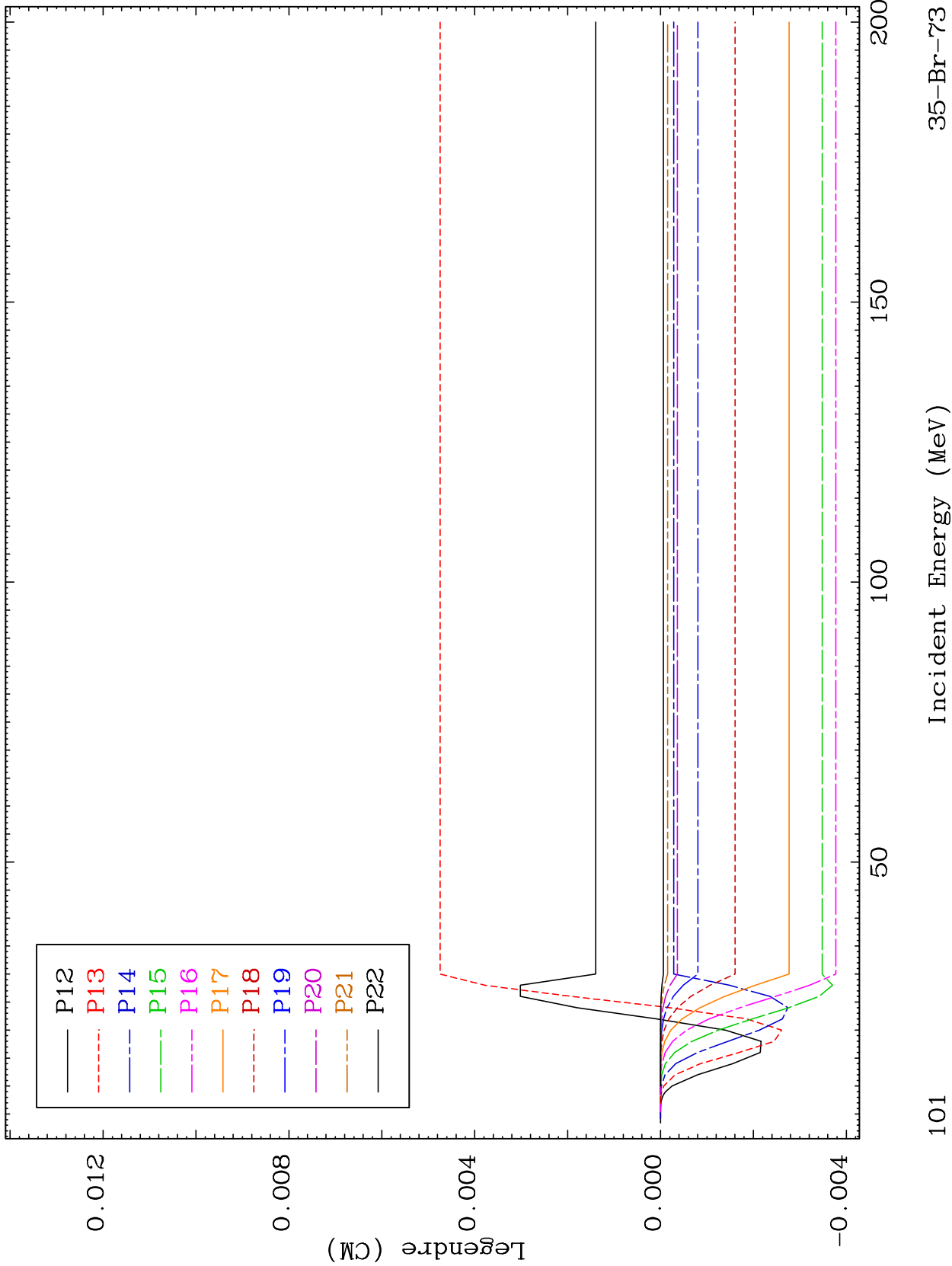
35-Br-73



MAT 3507

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

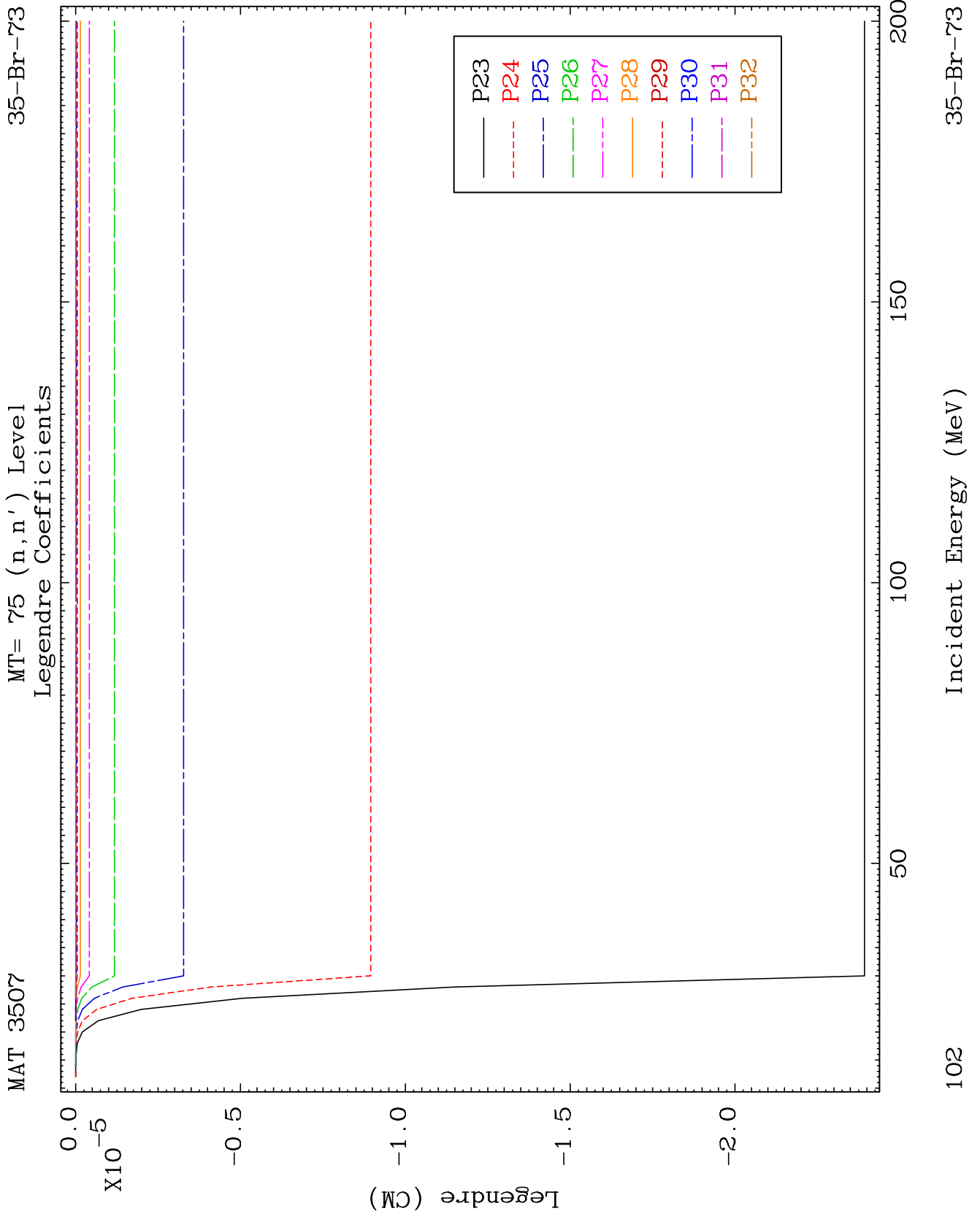
35-Br-73



101

Incident Energy (MeV)

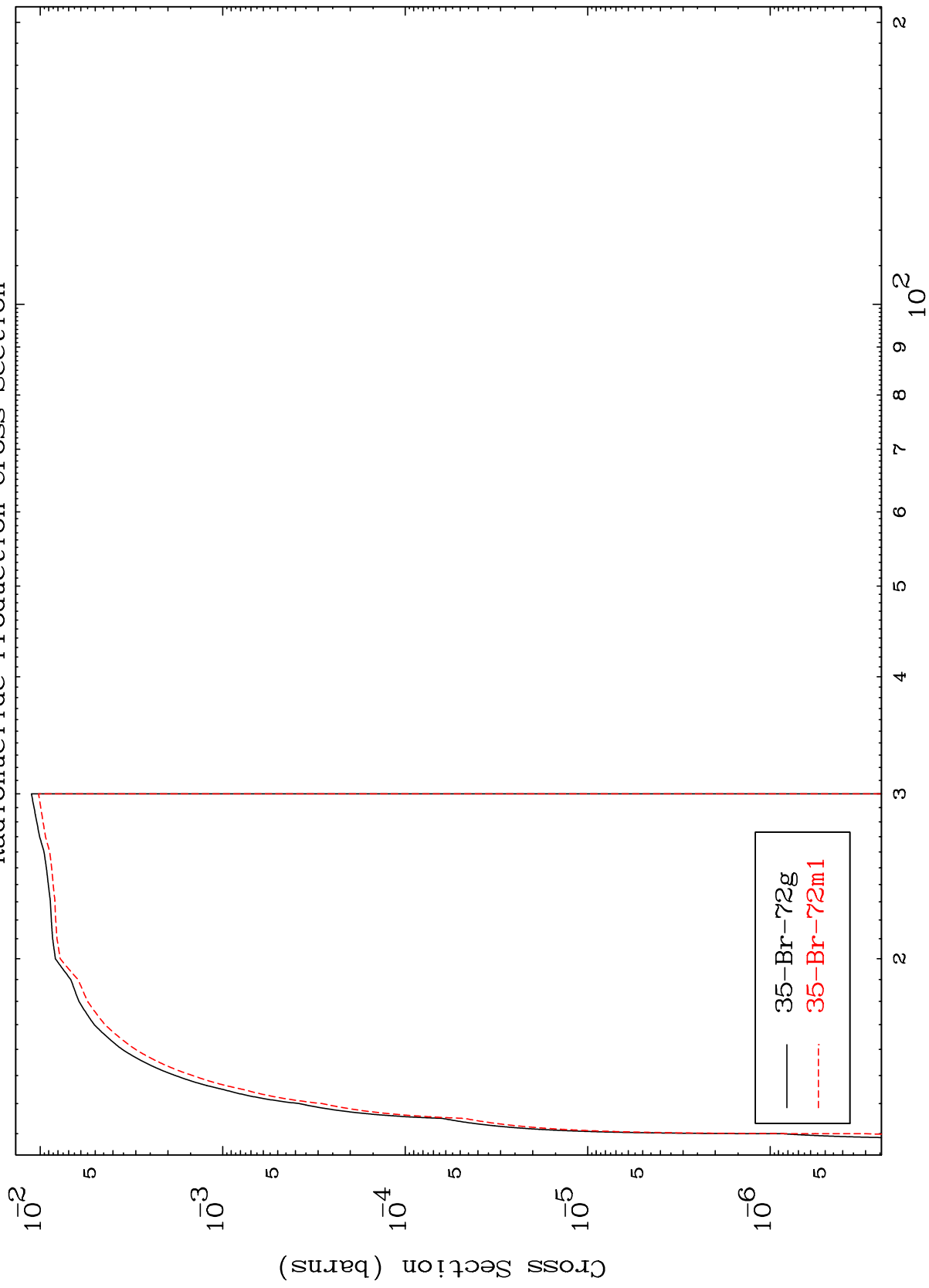
35-Br-73



MAT 3507

³⁵Br-73

(n,2n) Radionuclide Production Cross Section



103

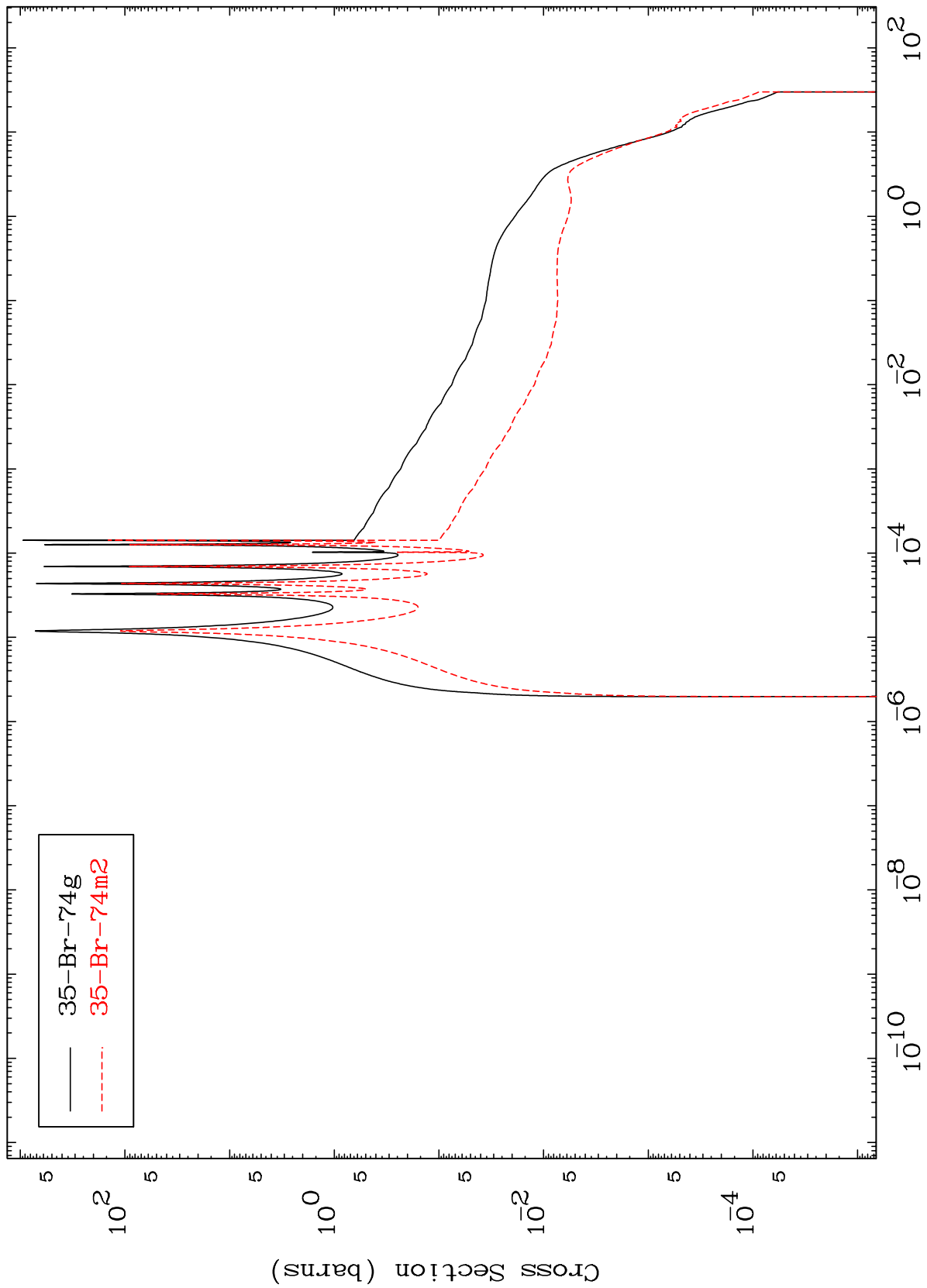
³⁵Br-73

Incident Energy (MeV)

MAT 3507

$^{35}\text{Br-73}$

Radionuclide Production Cross Section



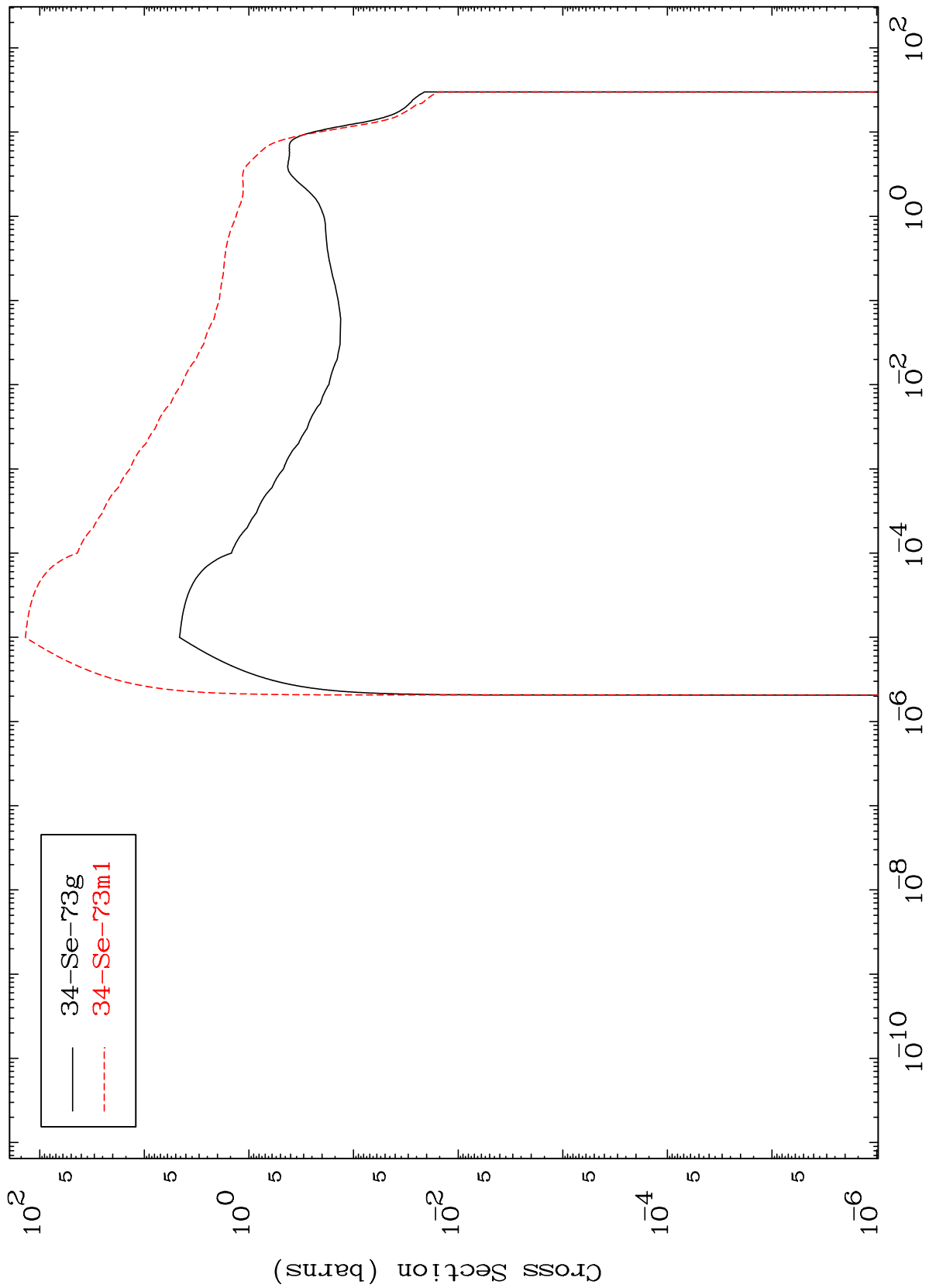
104

$^{35}\text{Br-73}$

MAT 3507

³⁵Br-73

(n,p)
Radionuclide Production Cross Section



— 34-Se-73g
- - - 34-Se-73m1

105

³⁵Br-73