

Program EVALPLOT
(Version 2021-1)

by

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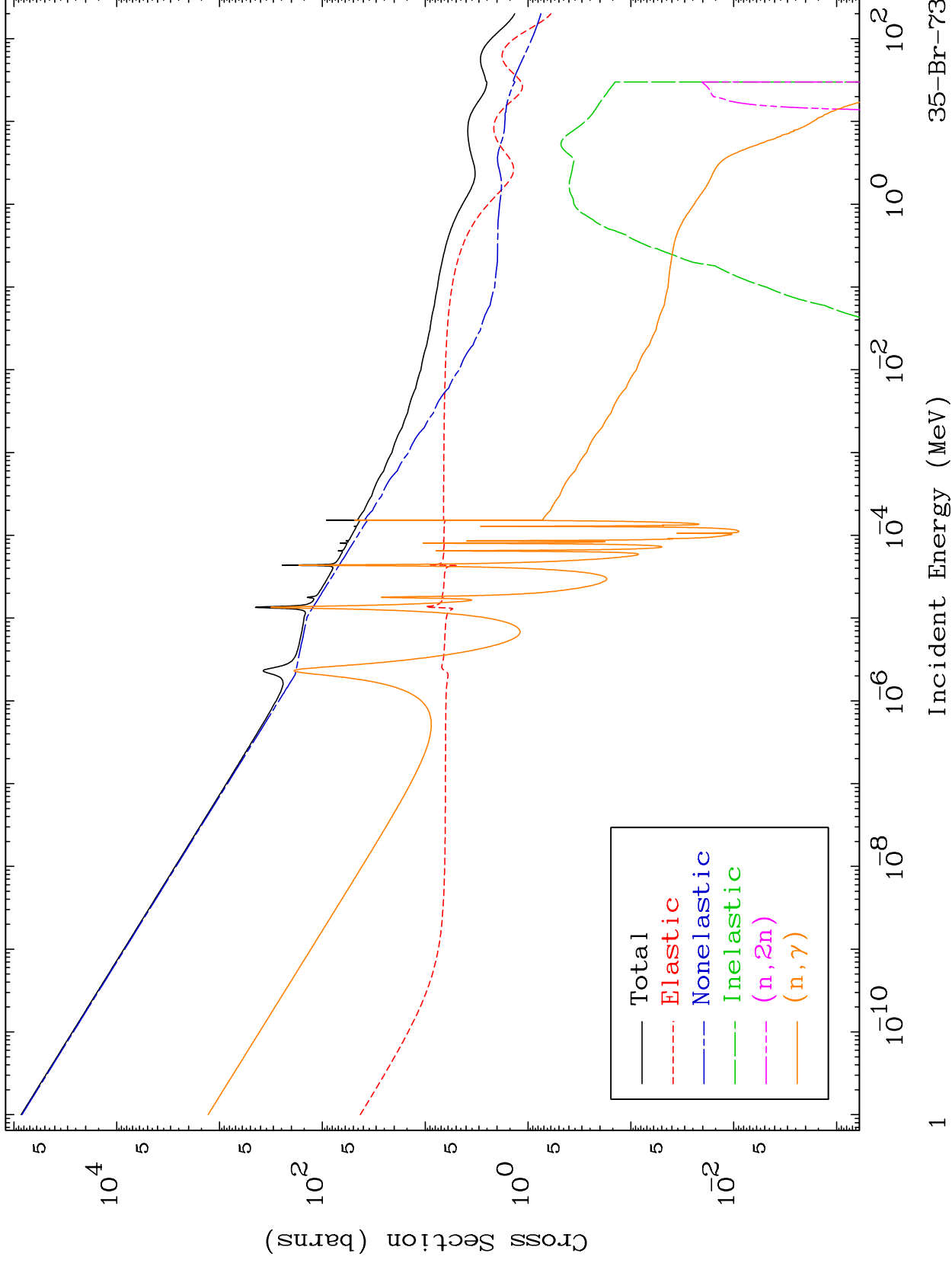
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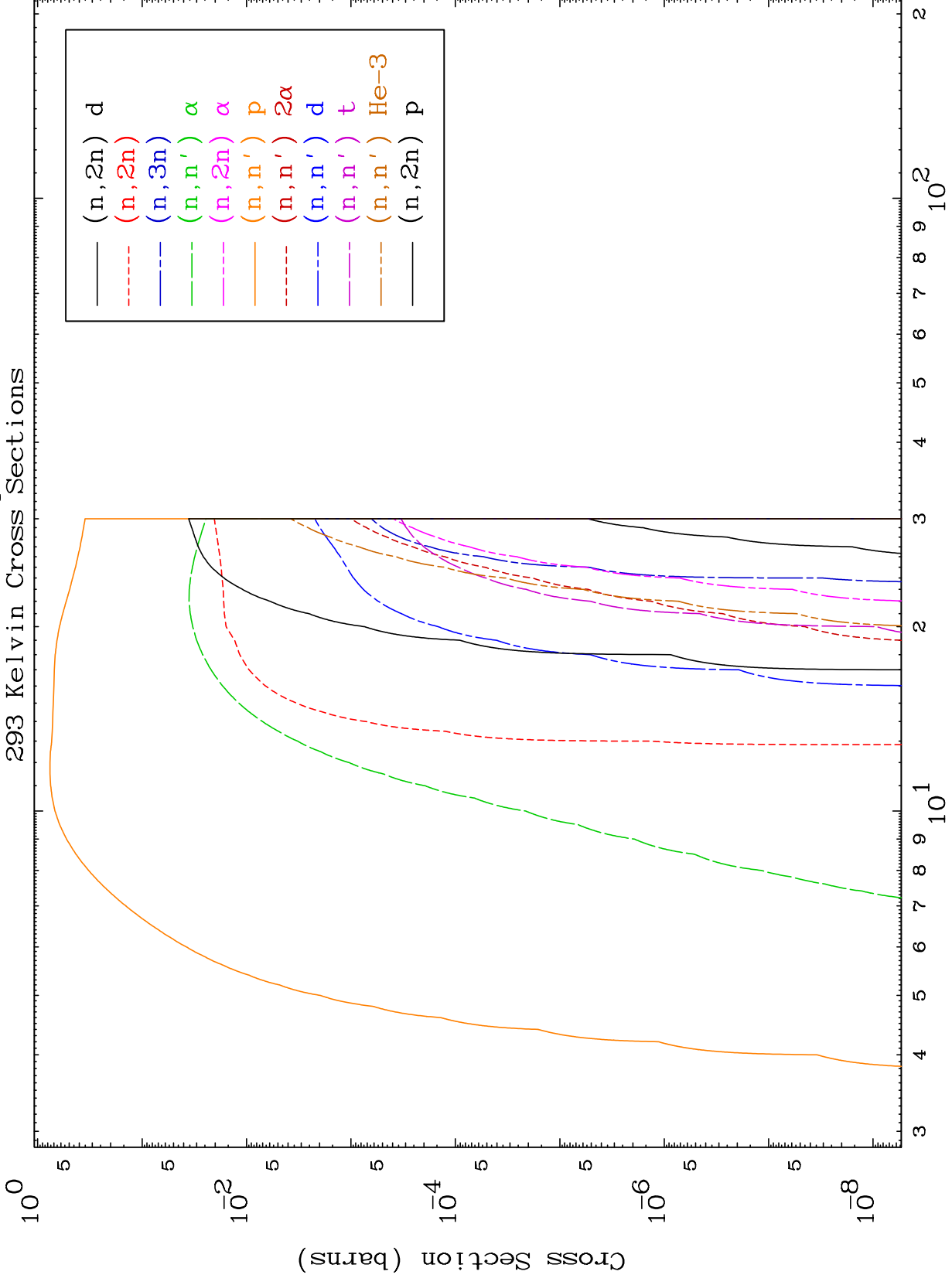
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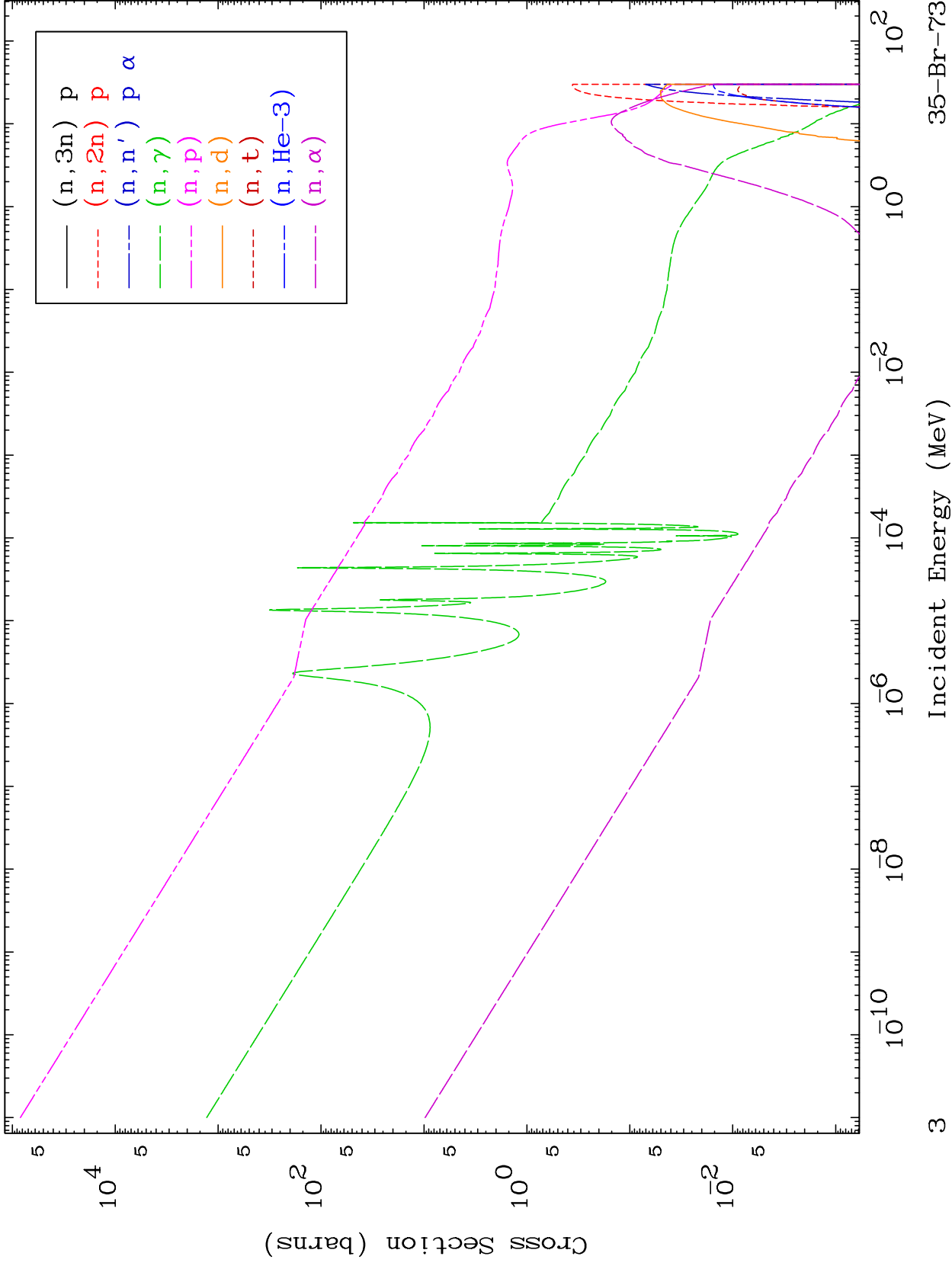
MAT 3507

Neutron Major
293 Kelvin Cross Sections

35-Br-73



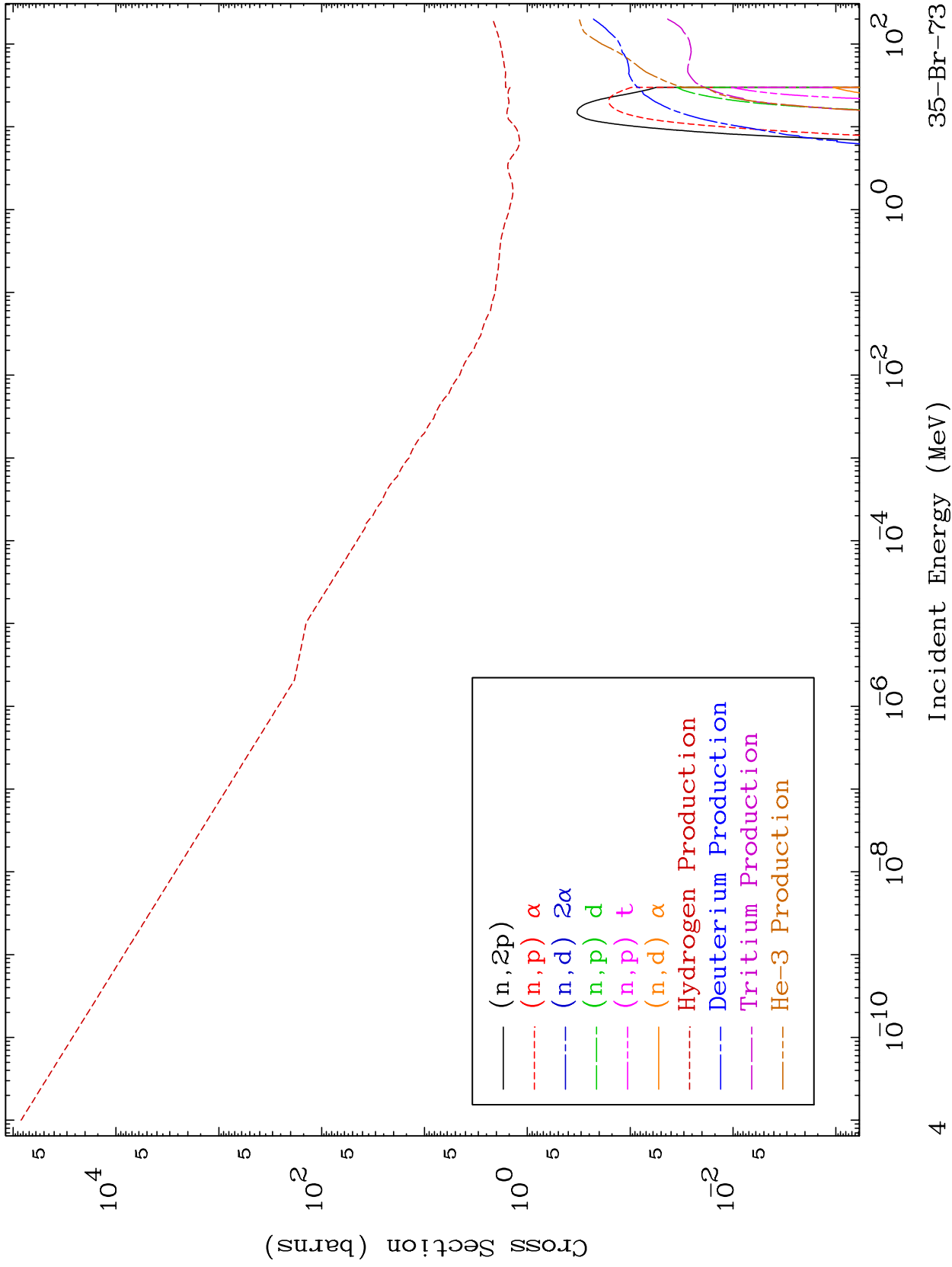




MAT 3507

Neutron Absorption
293 Kelvin Cross Sections

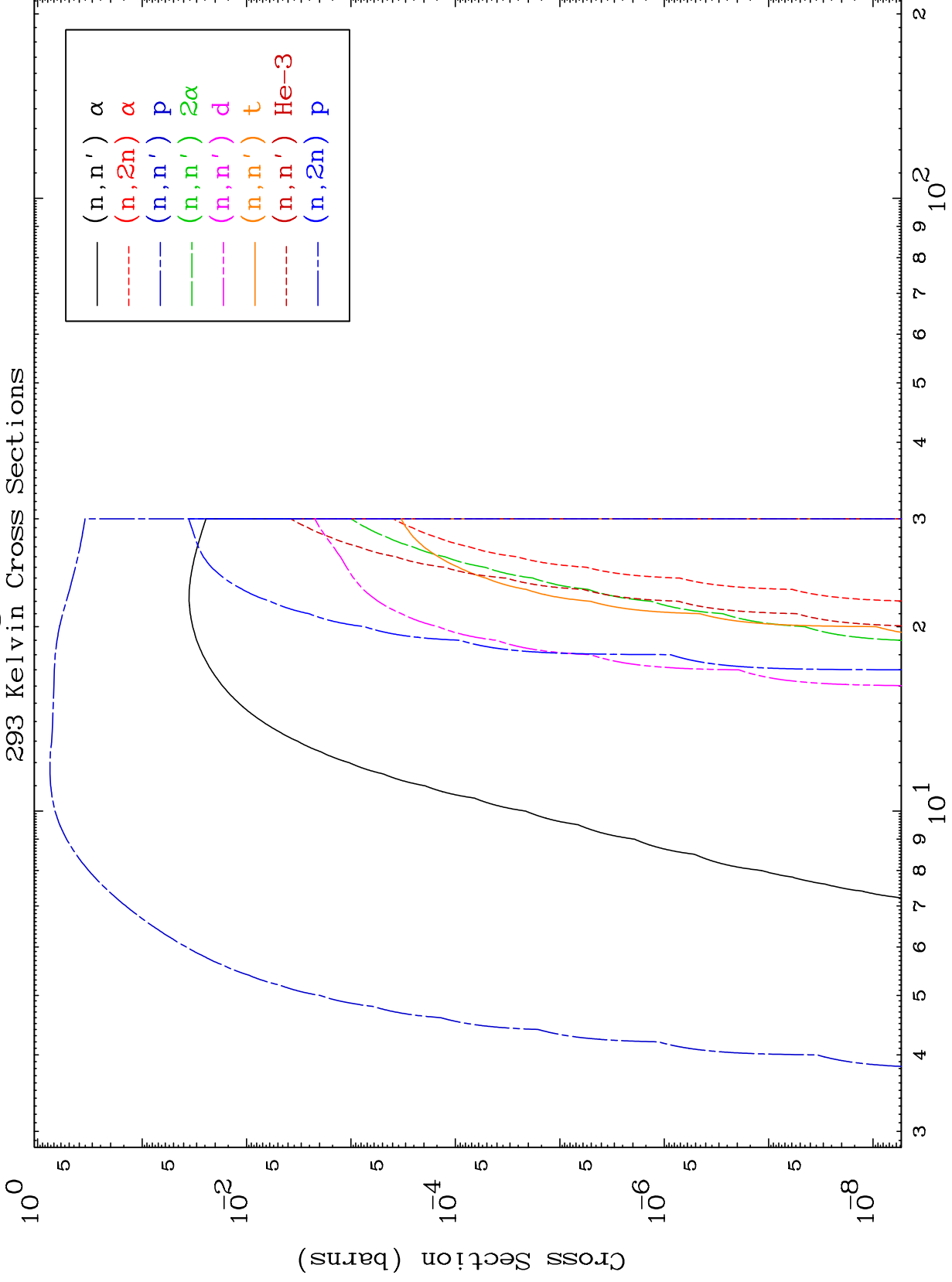
35-Br-73



MAT 3507

Charged Particle
293 Kelvin Cross Sections

35-Br-73



5

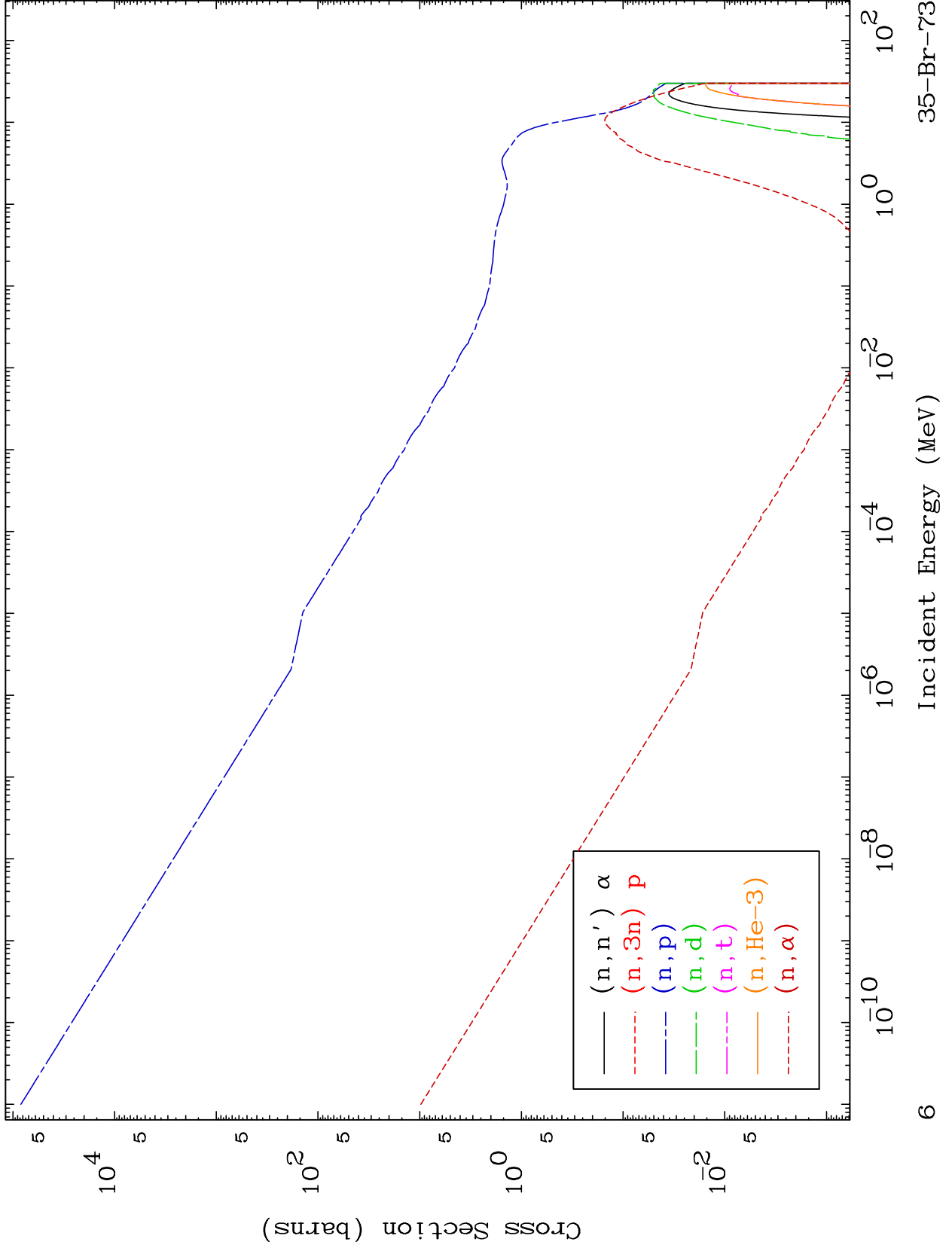
Incident Energy (MeV)

35-Br-73

MAT 3507

Charged Particle
293 Kelvin Cross Sections

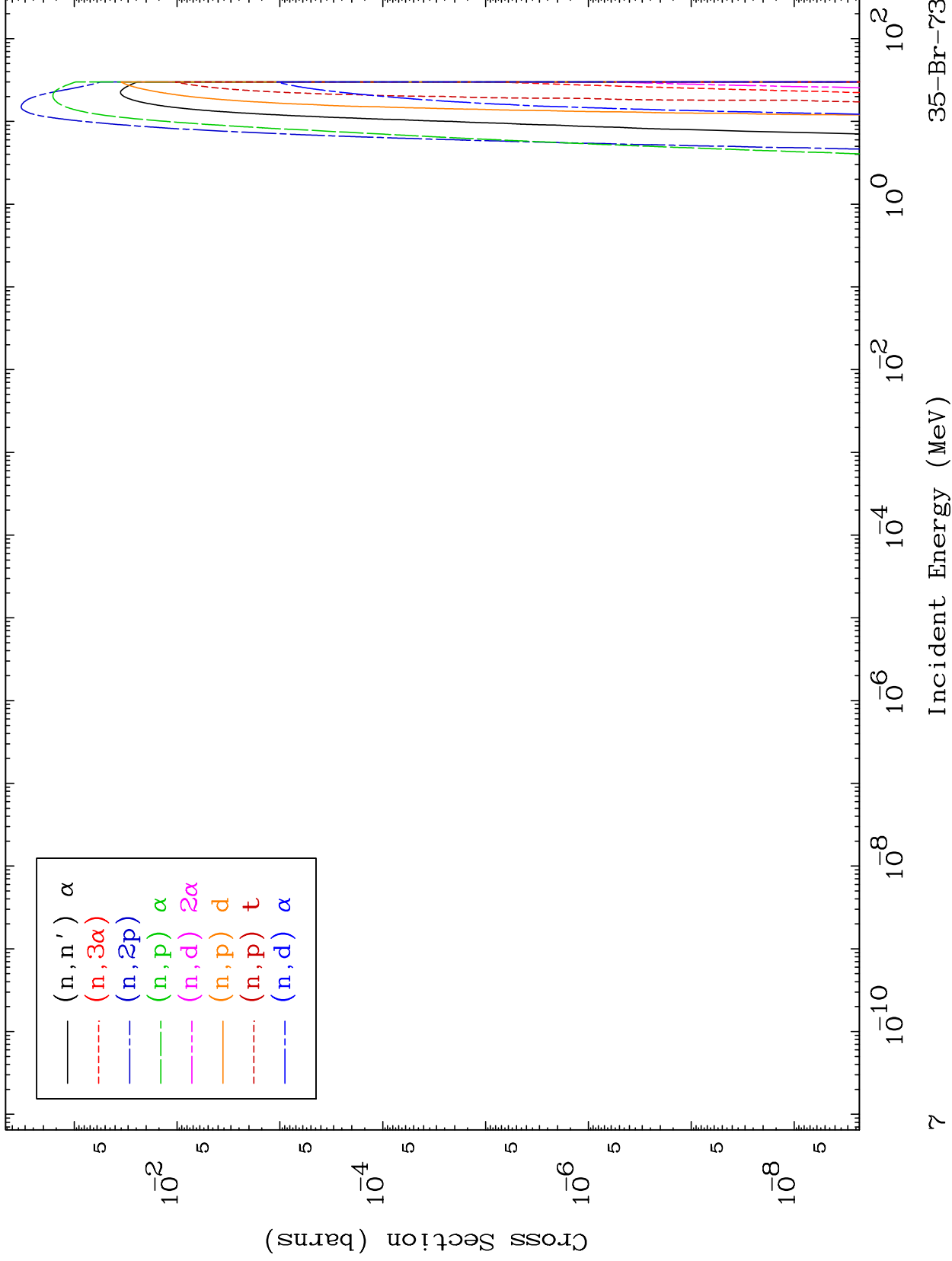
35-Br-73

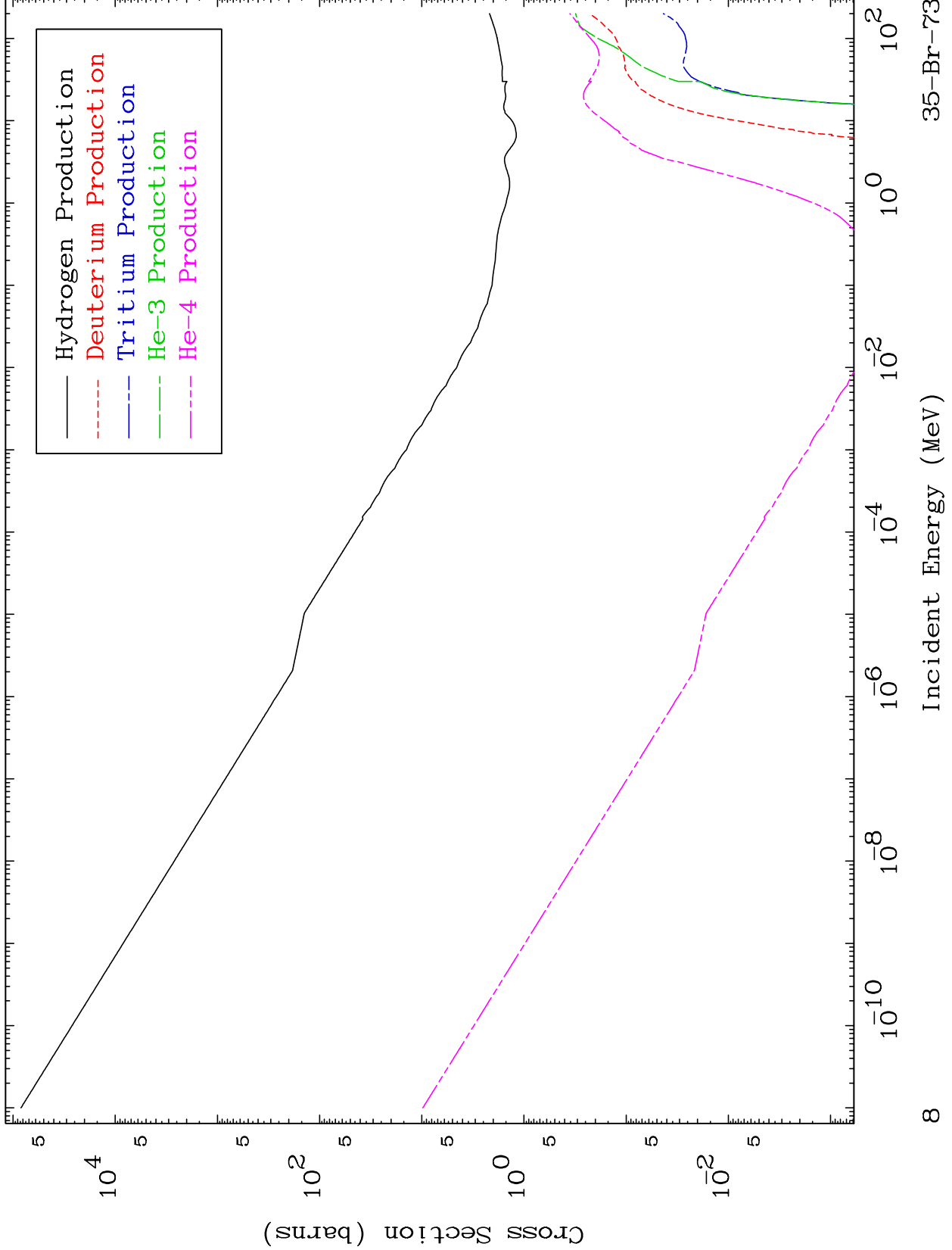


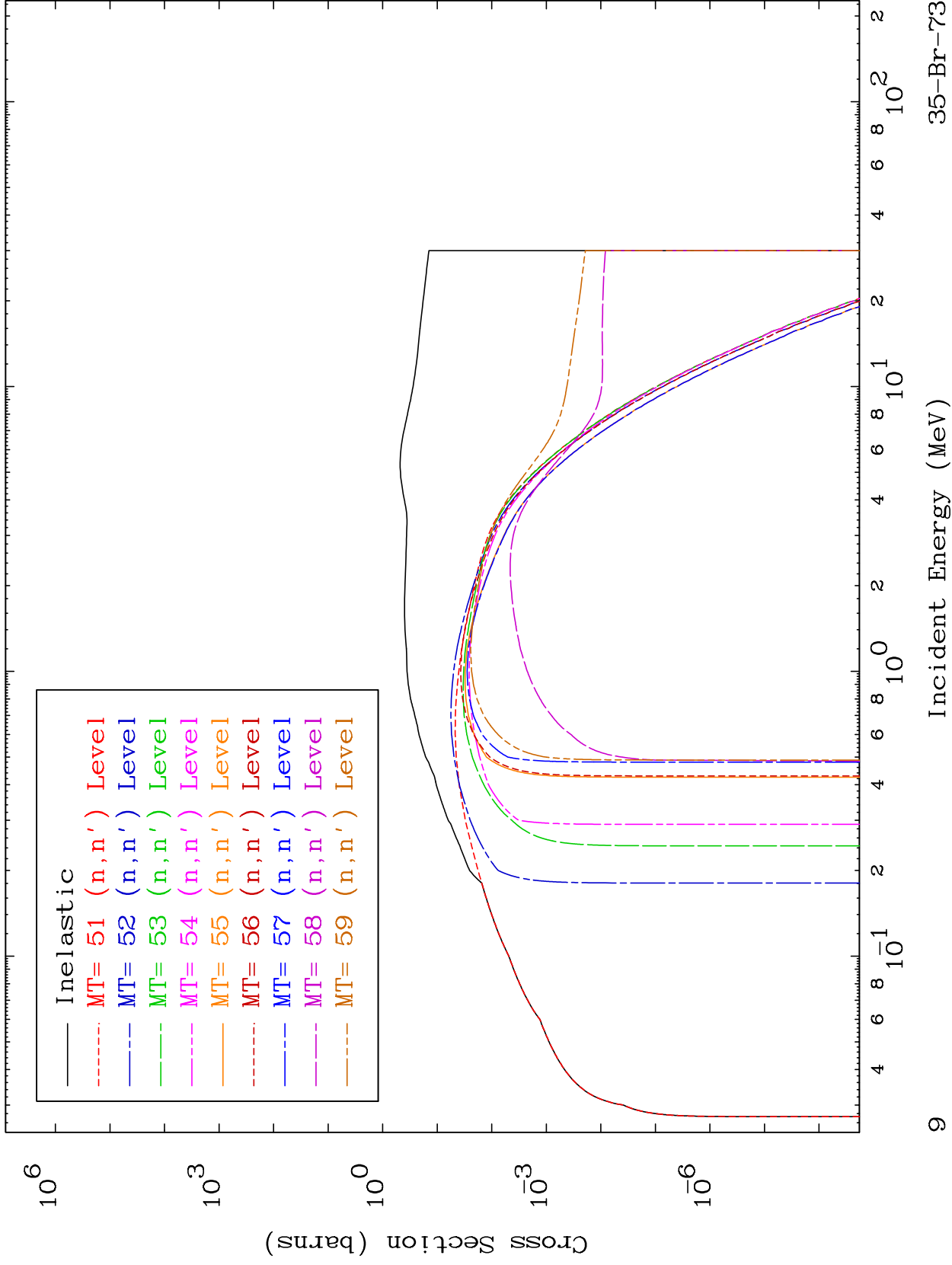
MAT 3507

Charged Particle
293 Kelvin Cross Sections

35-Br-73



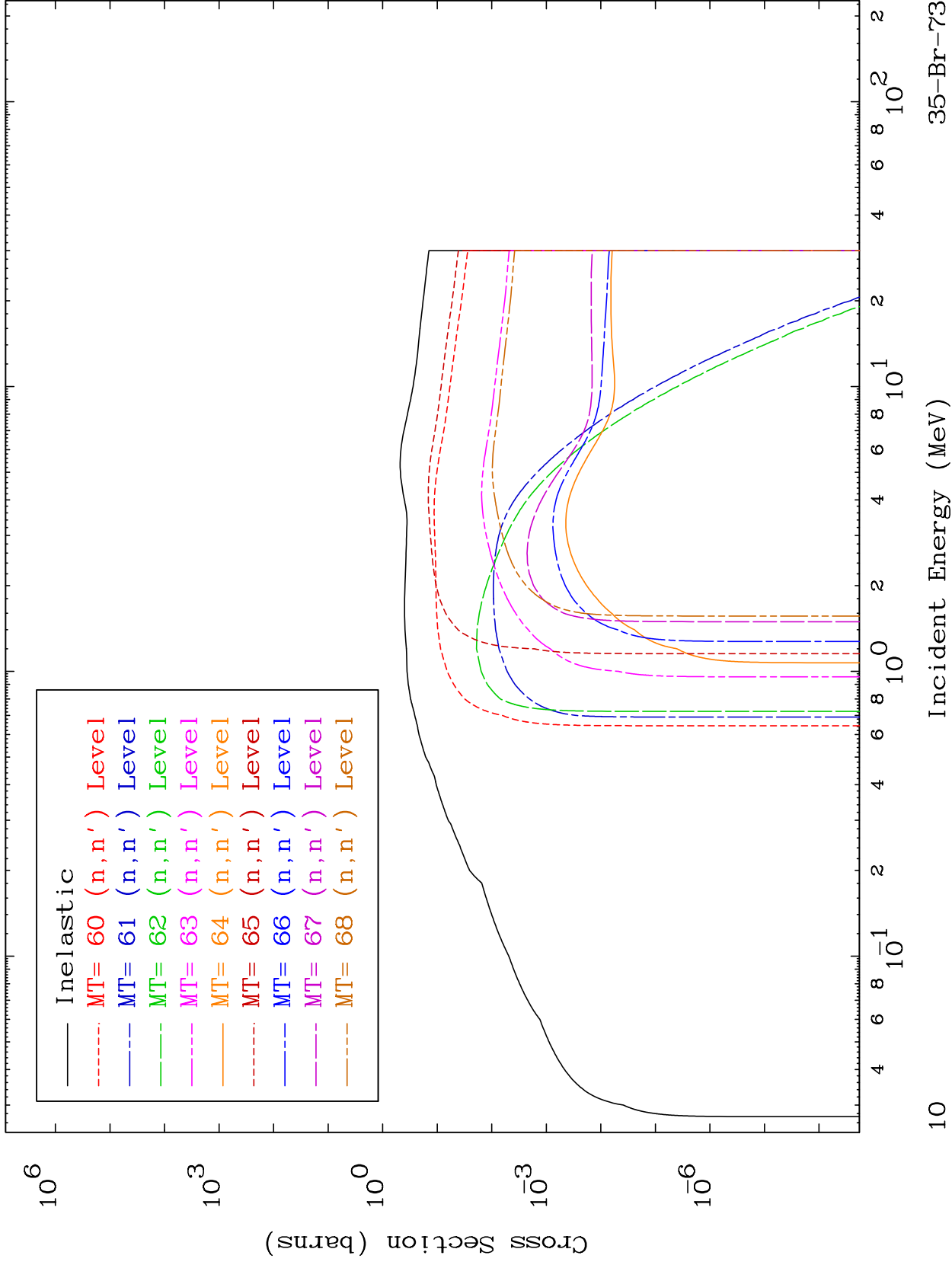




MAT 3507

(n,n') Levels
293 Kelvin Cross Sections

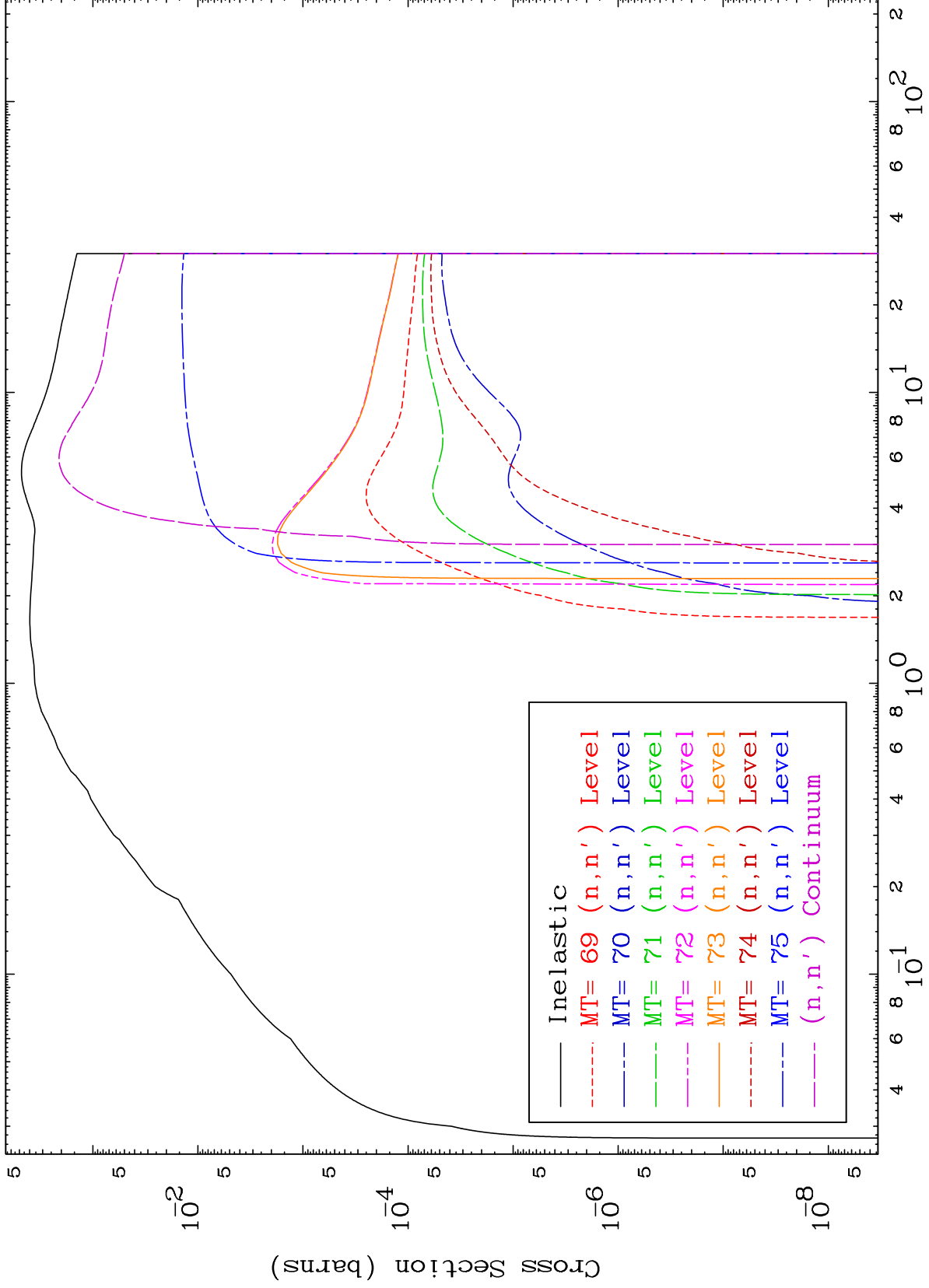
35-Br-73

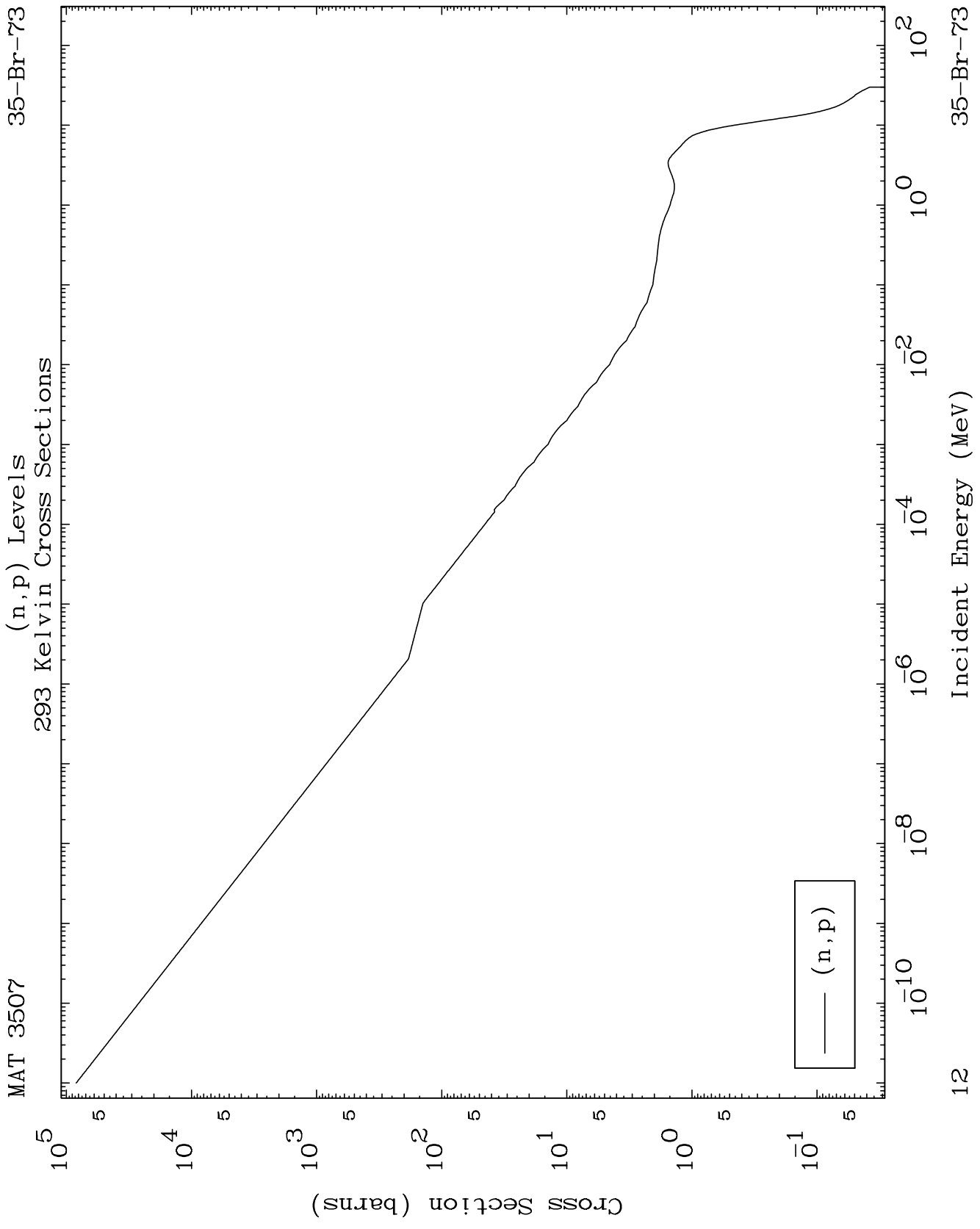


10

Incident Energy (MeV)

35-Br-73

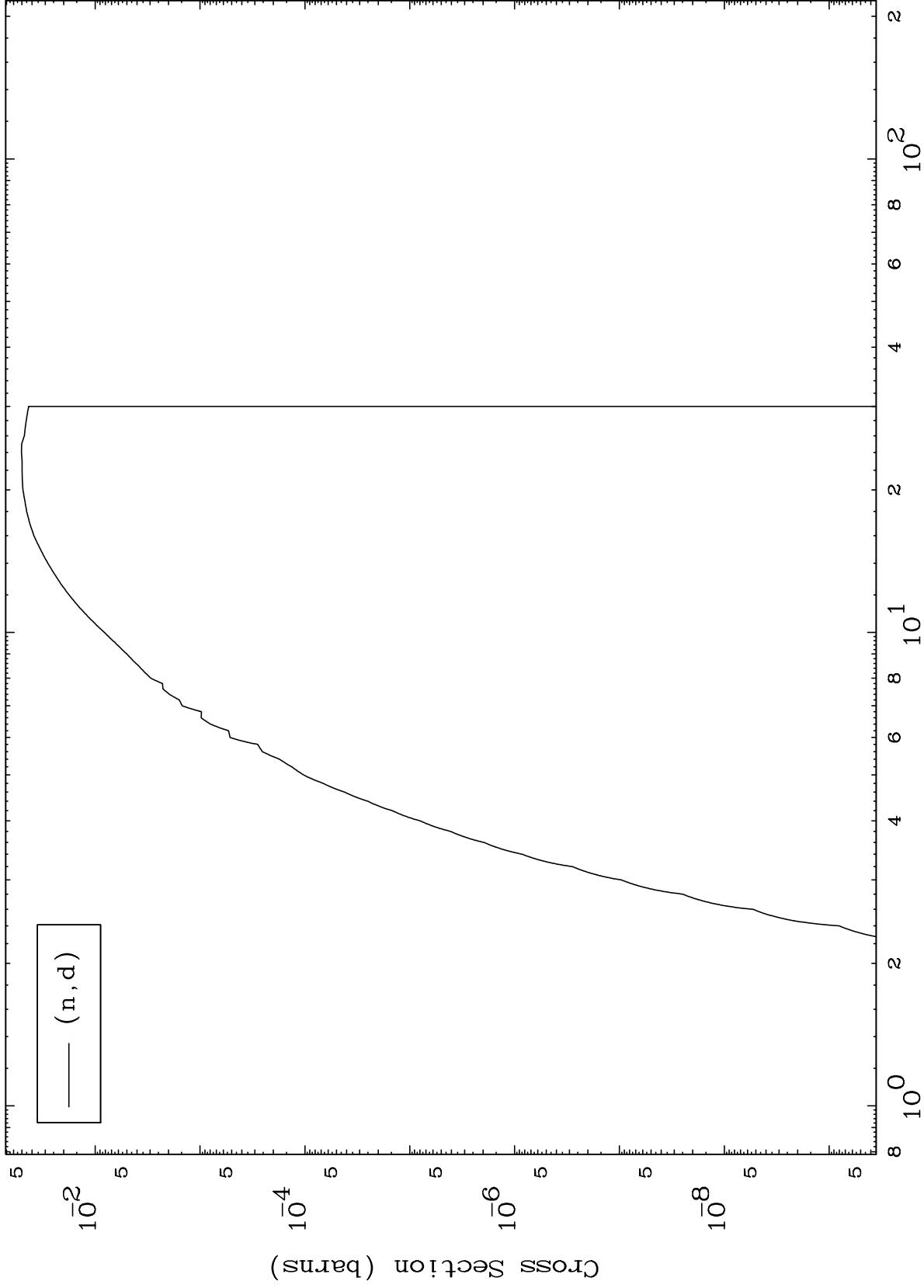




MAT 3507

(n,d) Levels
293 Kelvin Cross Sections

35-Br-73



13

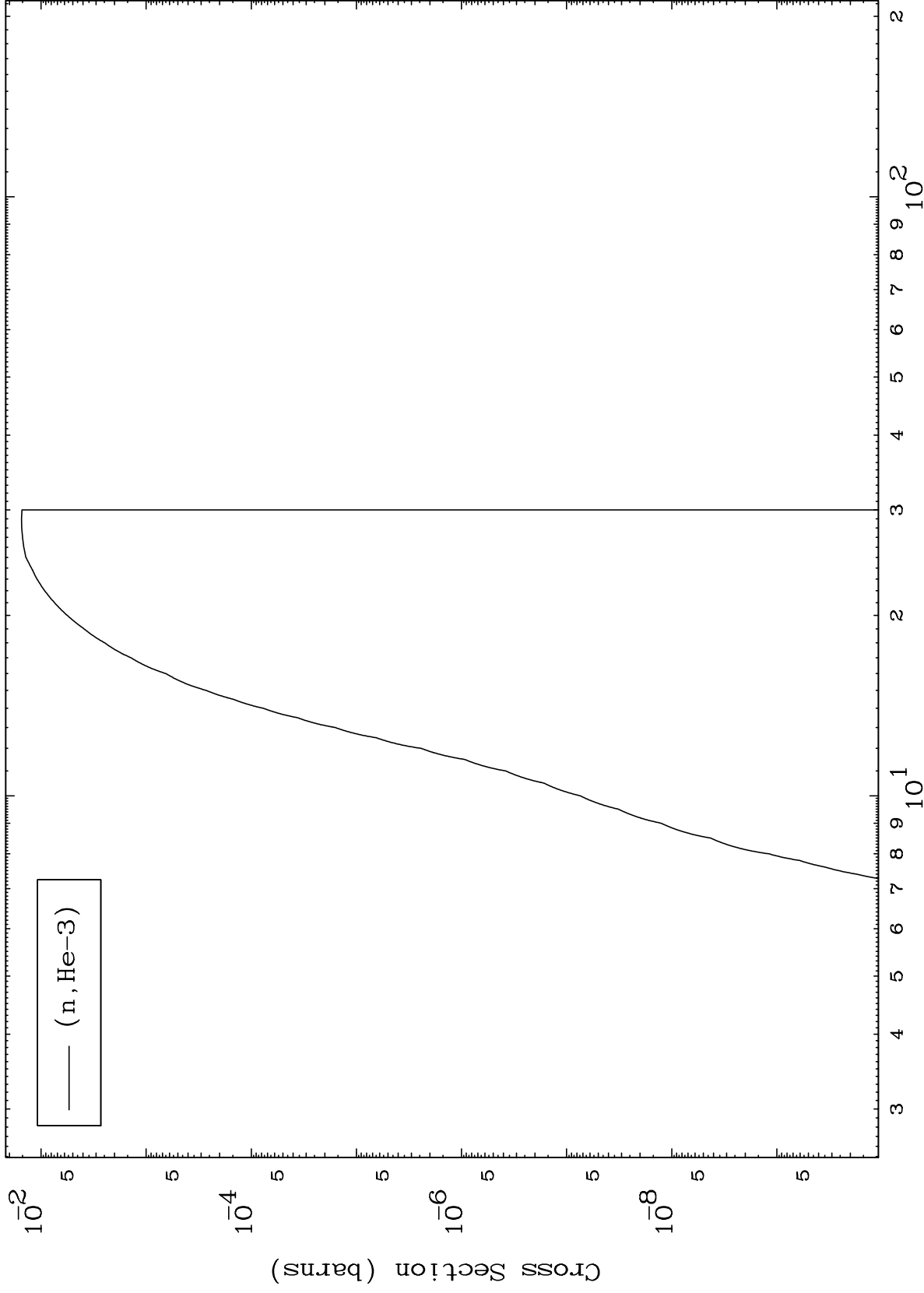
Incident Energy (MeV)

35-Br-73

MAT 3507

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-73



15

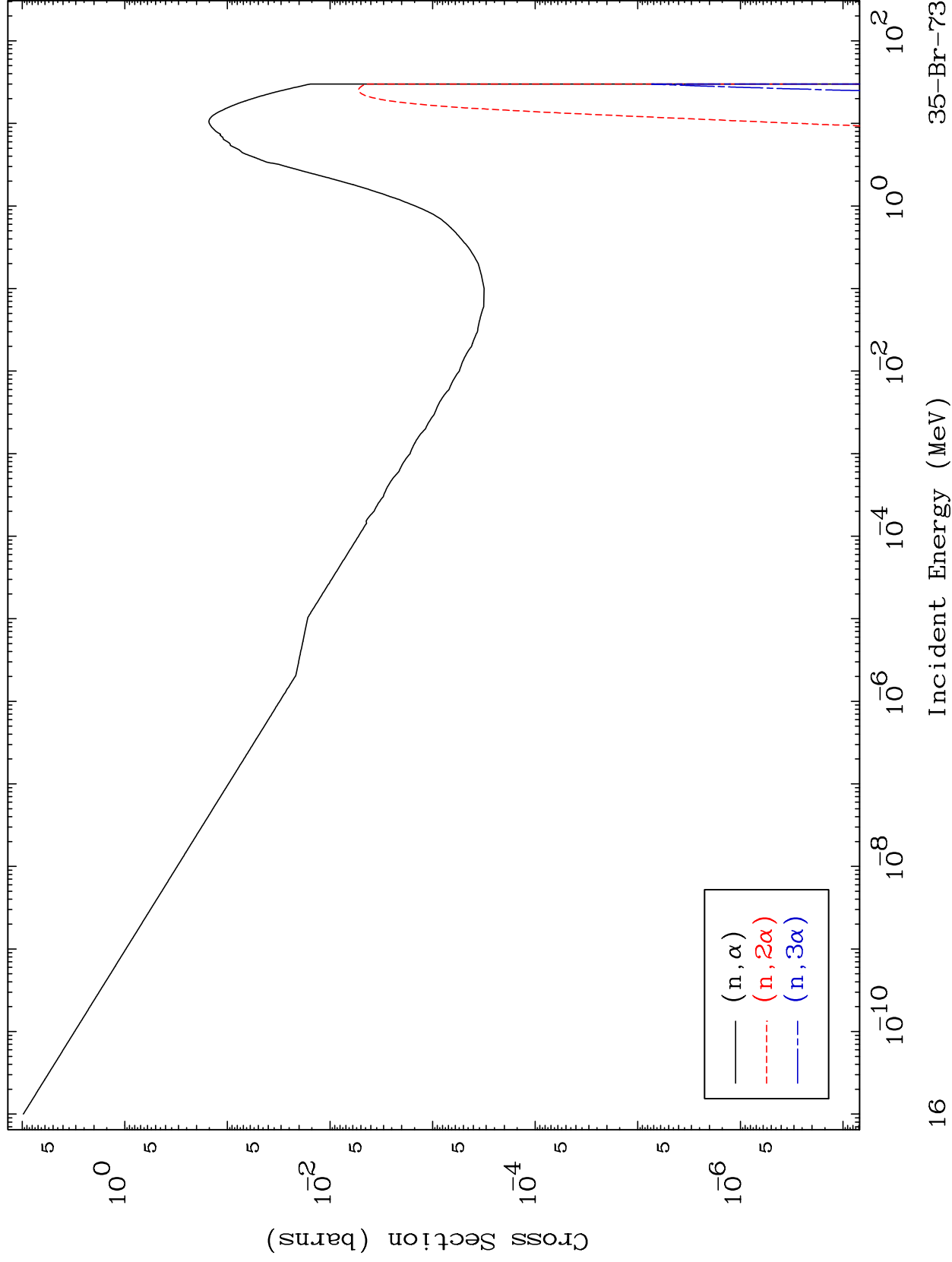
Incident Energy (MeV)

35-Br-73

MAT 3507

(n,α) Levels
293 Kelvin Cross Sections

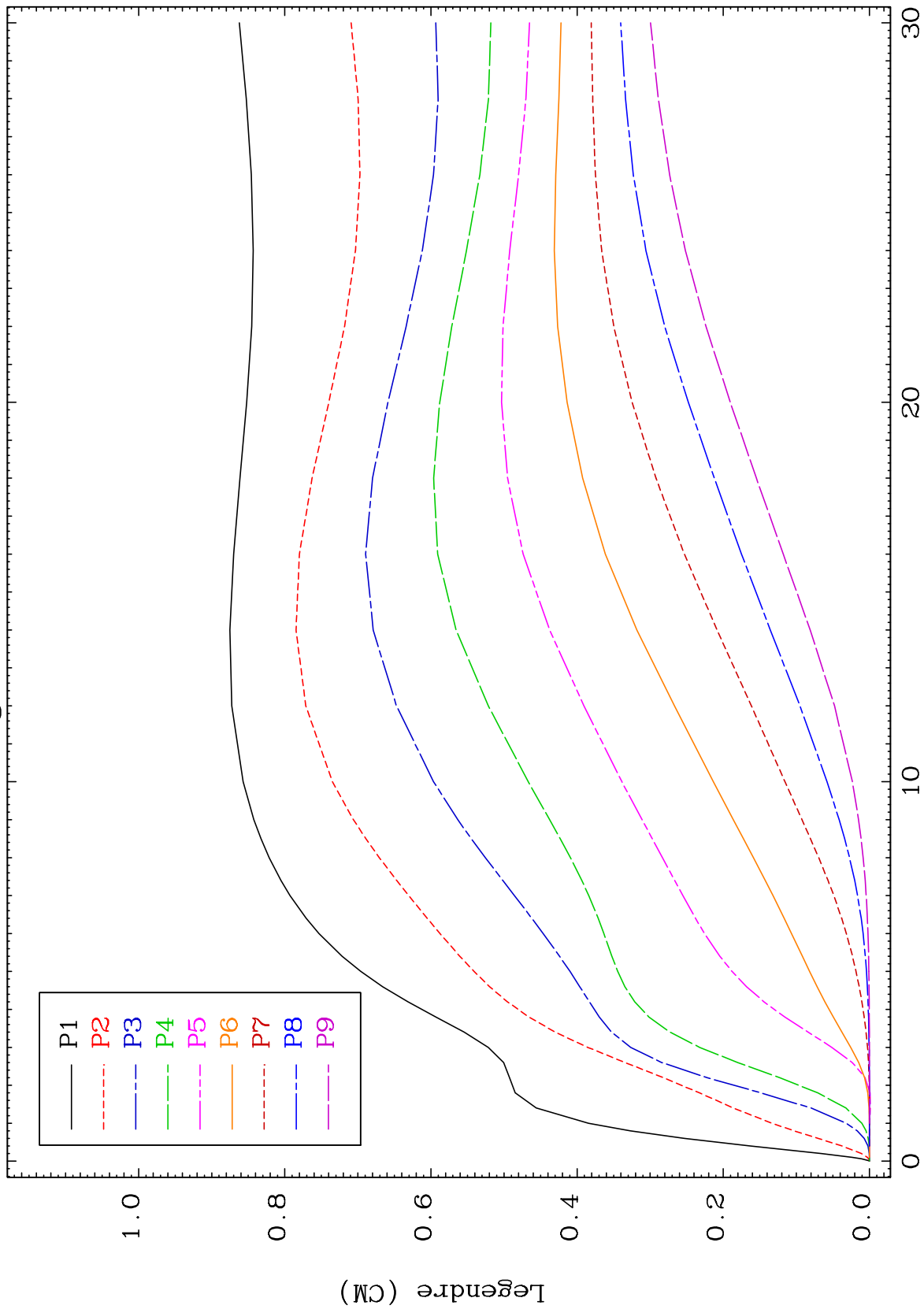
35-Br-73



MAT 3507

Elastic Legendre Coefficients

³⁵Br-⁷³



17

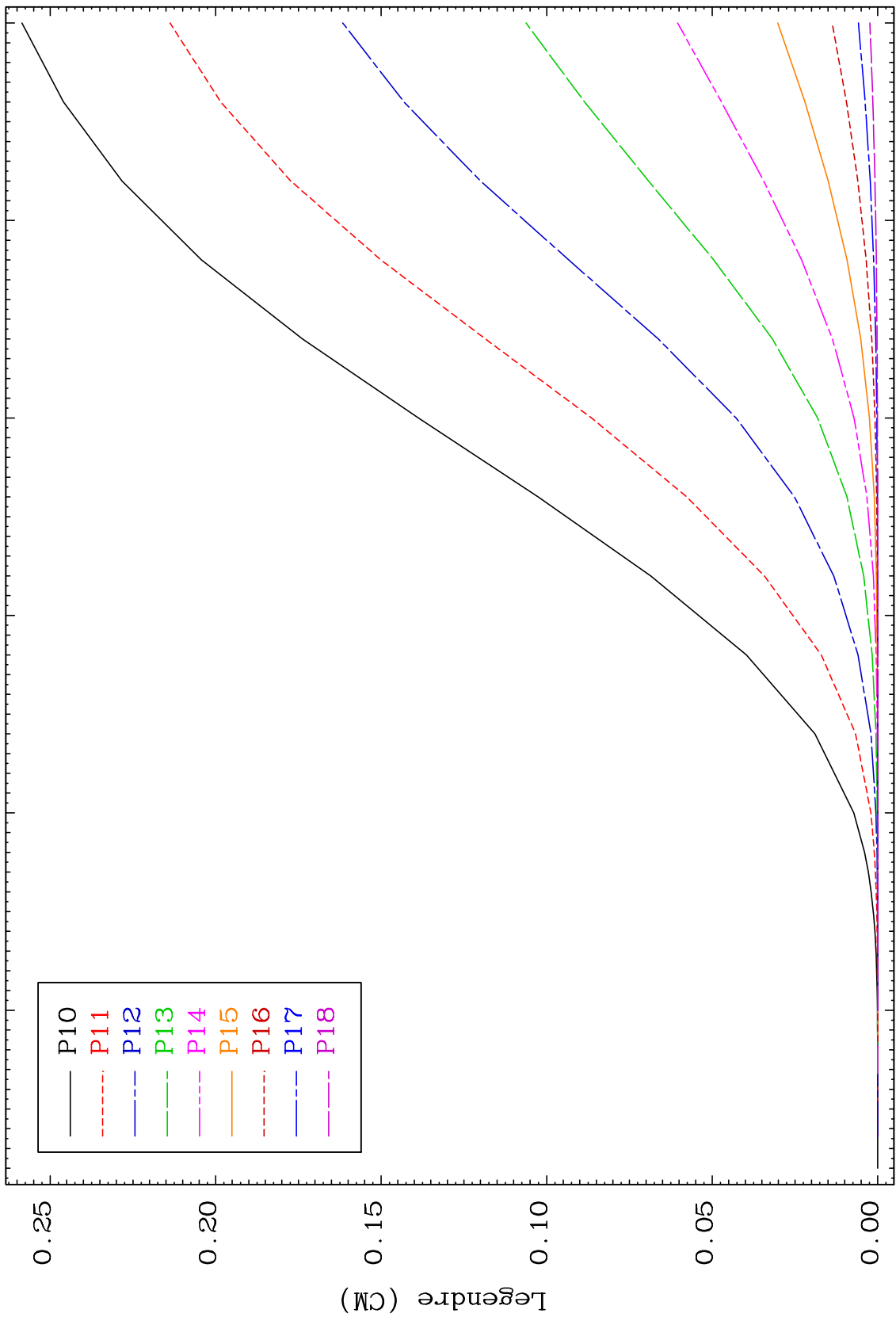
Incident Energy (MeV)

³⁵Br-⁷³

MAT 3507

Elastic Legendre Coefficients

³⁵Br-73



18

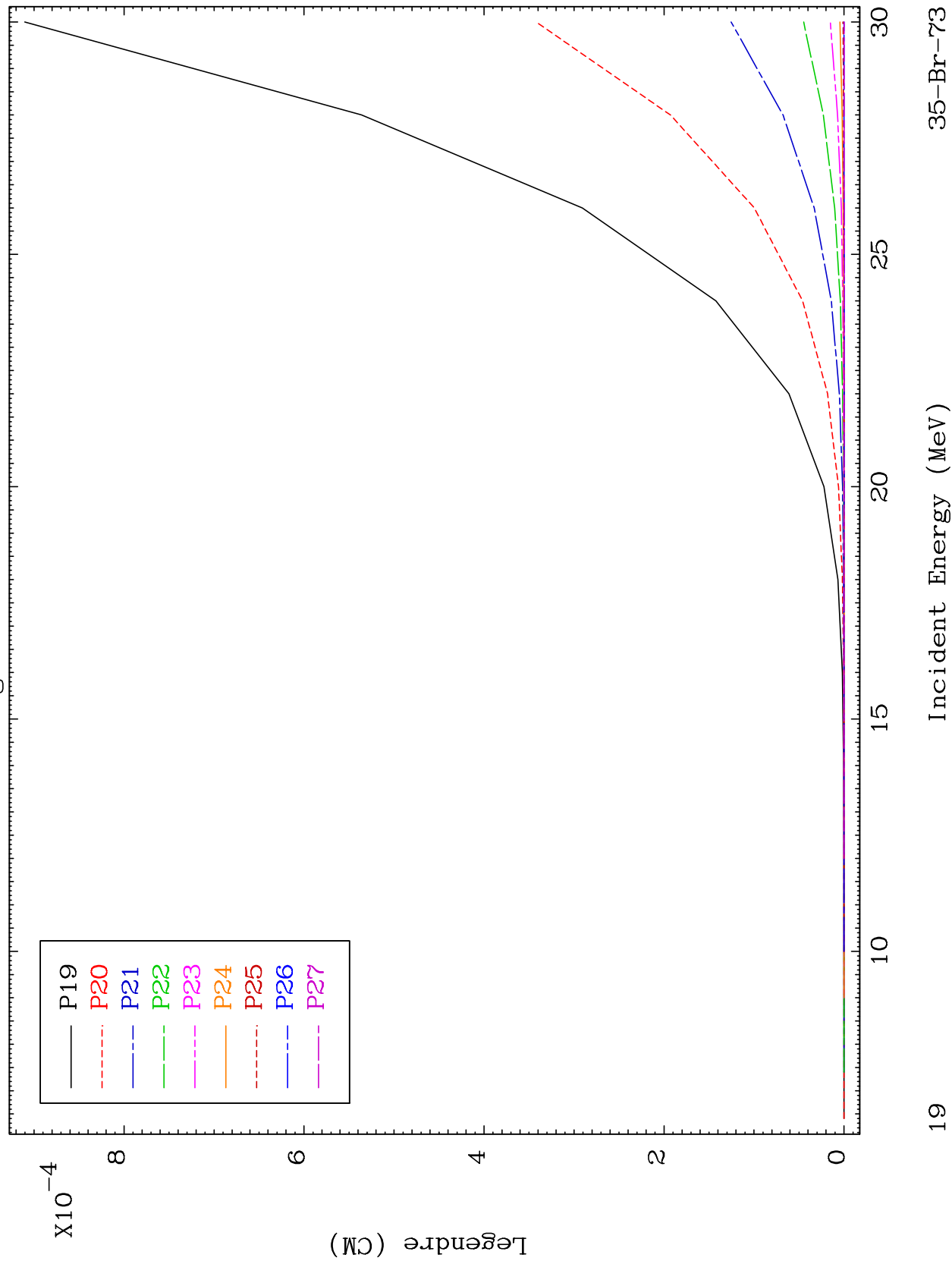
Incident Energy (MeV)

³⁵Br-73

MAT 3507

Elastic Legendre Coefficients

³⁵Br-73



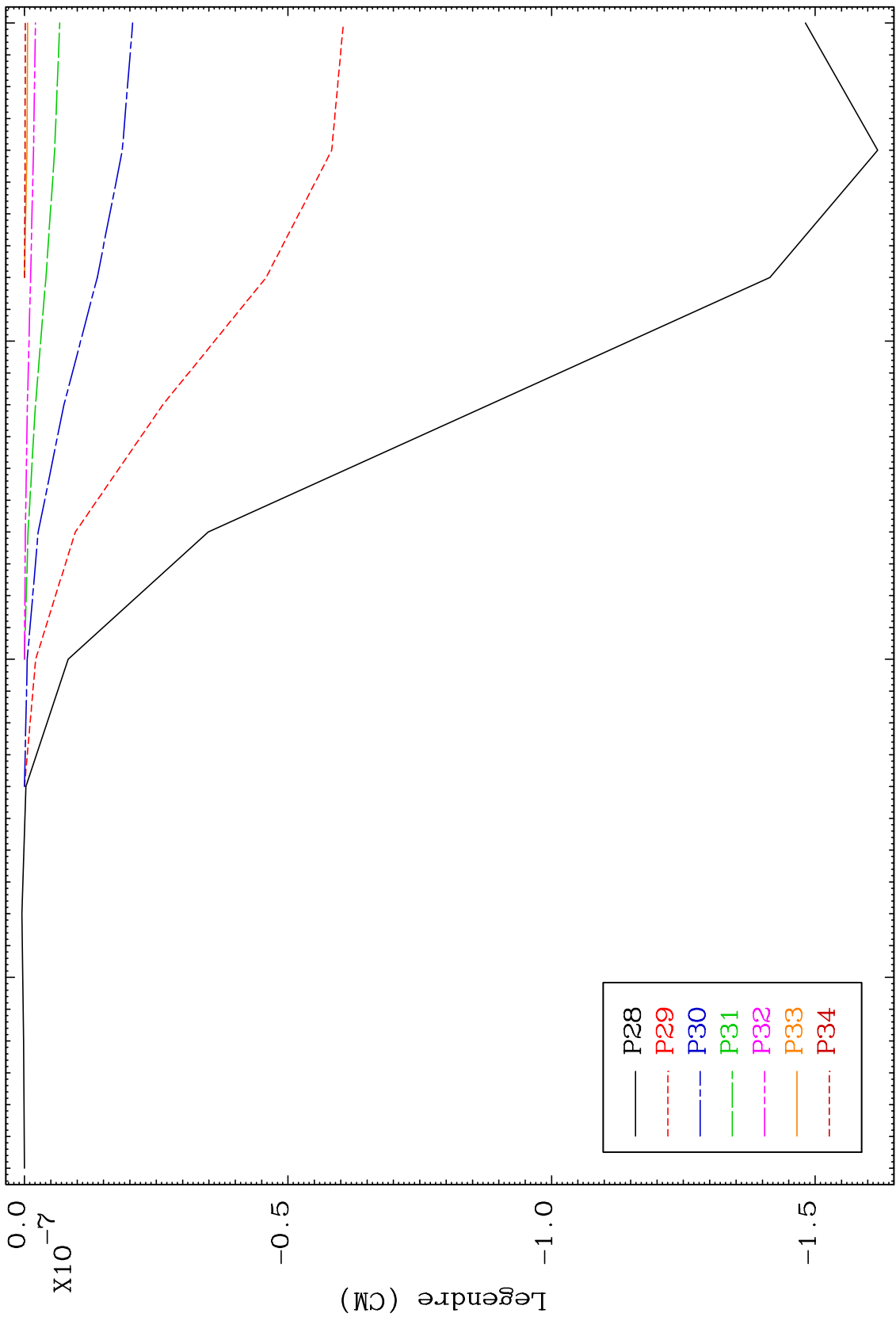
19

³⁵Br-73

MAT 3507

35-Br-73

Elastic Legendre Coefficients



10^{-7}

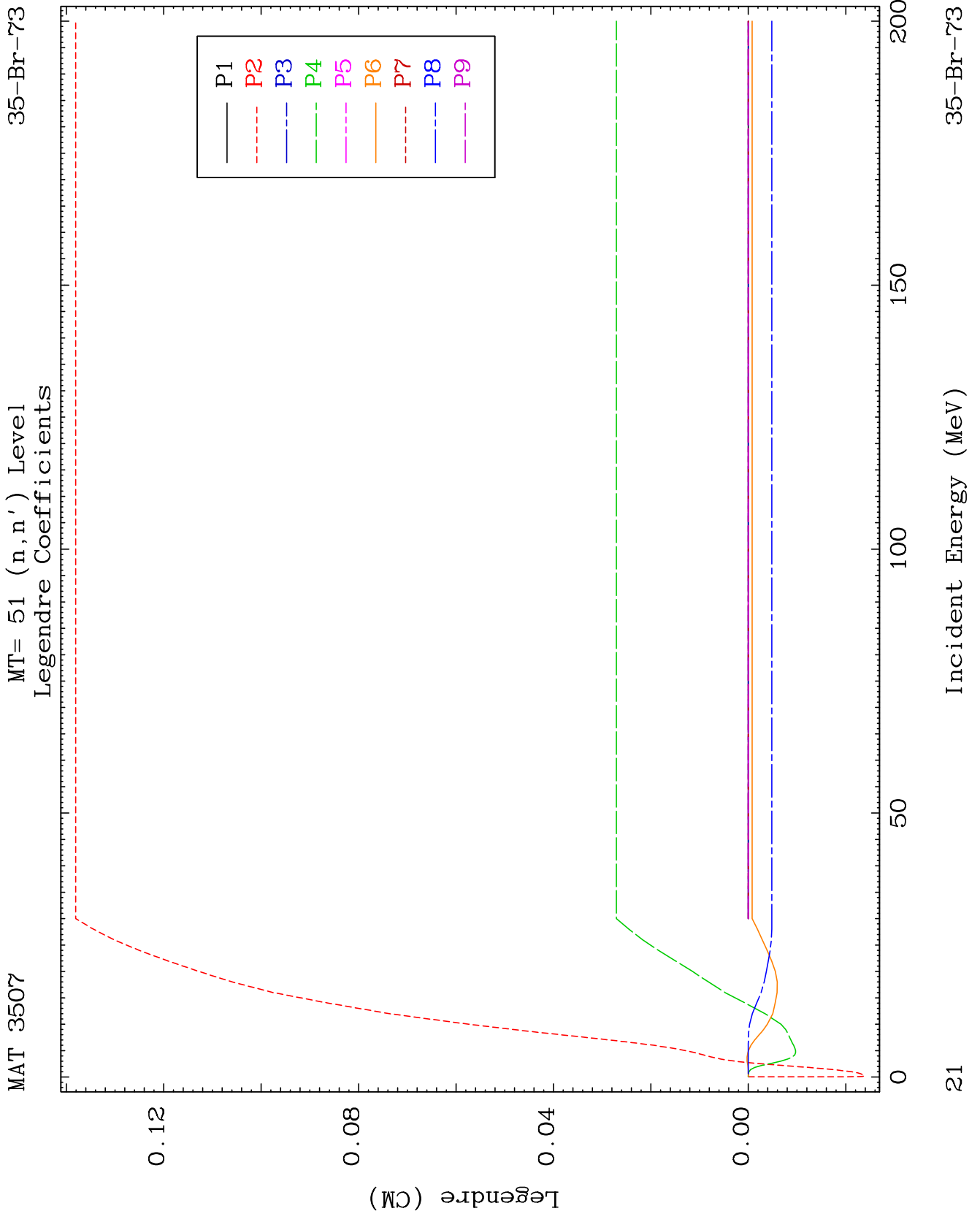
Legendre (CM)

Incident Energy (MeV)

35-Br-73

20

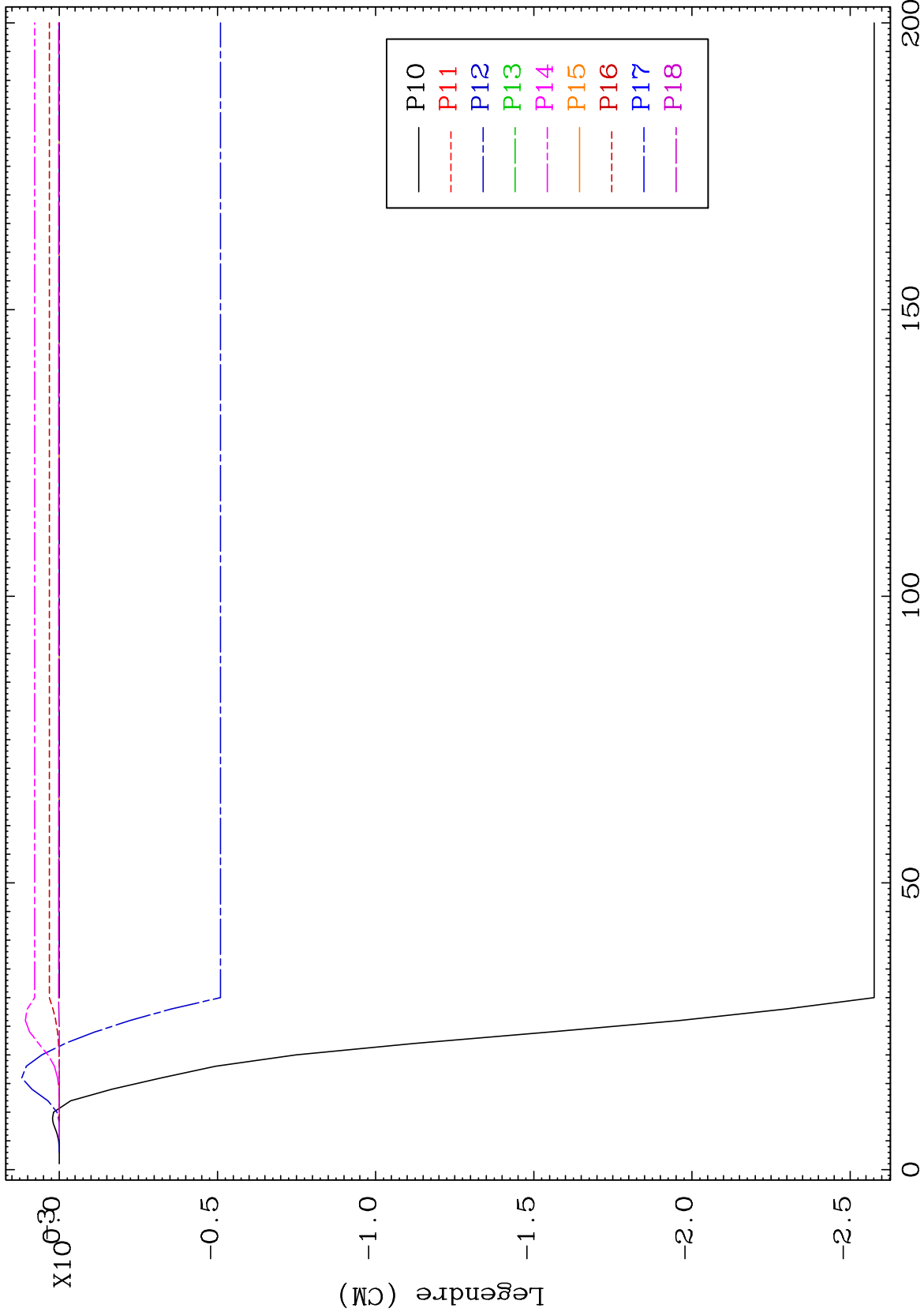
- P28
- P29
- P30
- P31
- P32
- P33
- P34

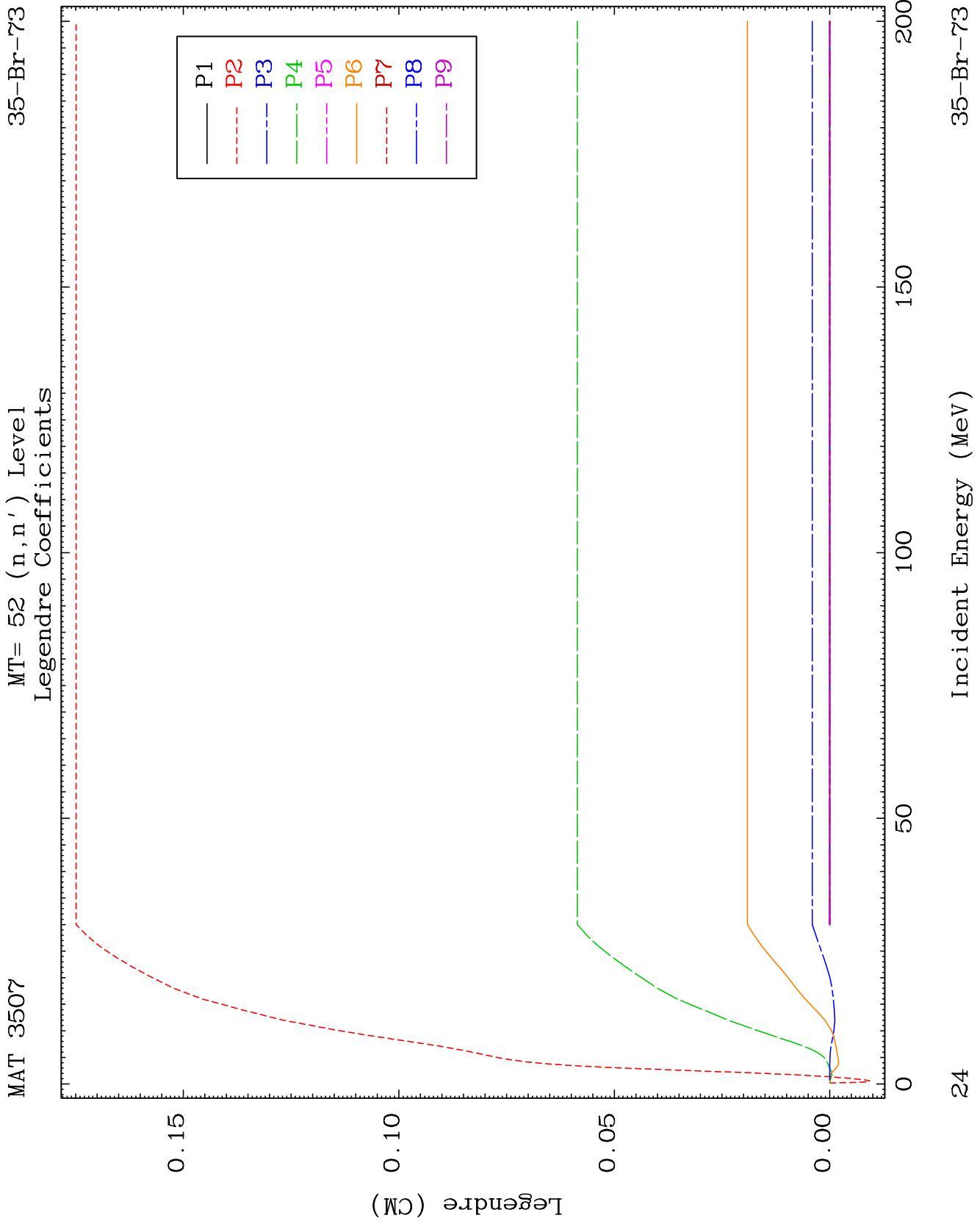


MAT 3507

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

35-Br-73

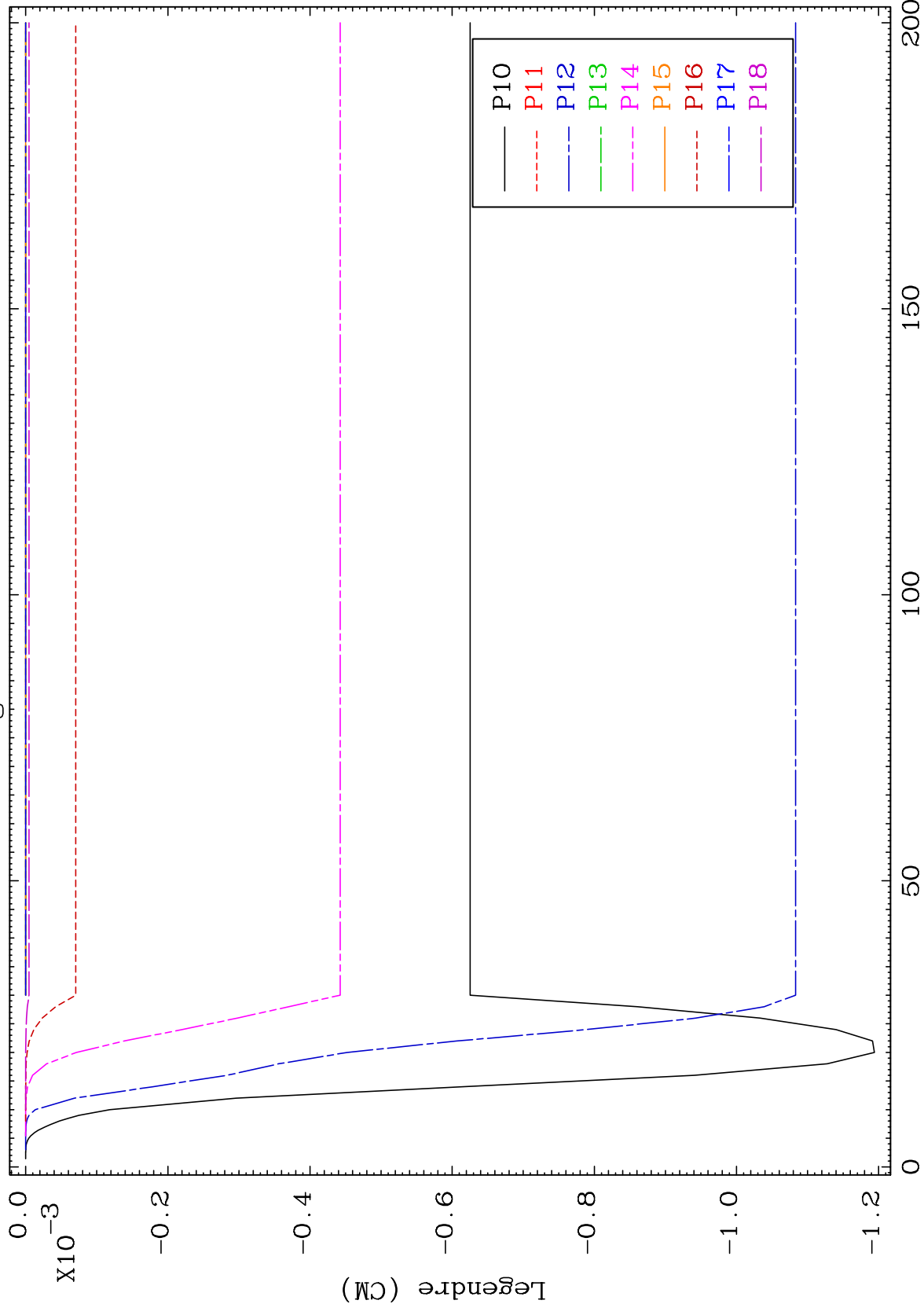




MAT 3507

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

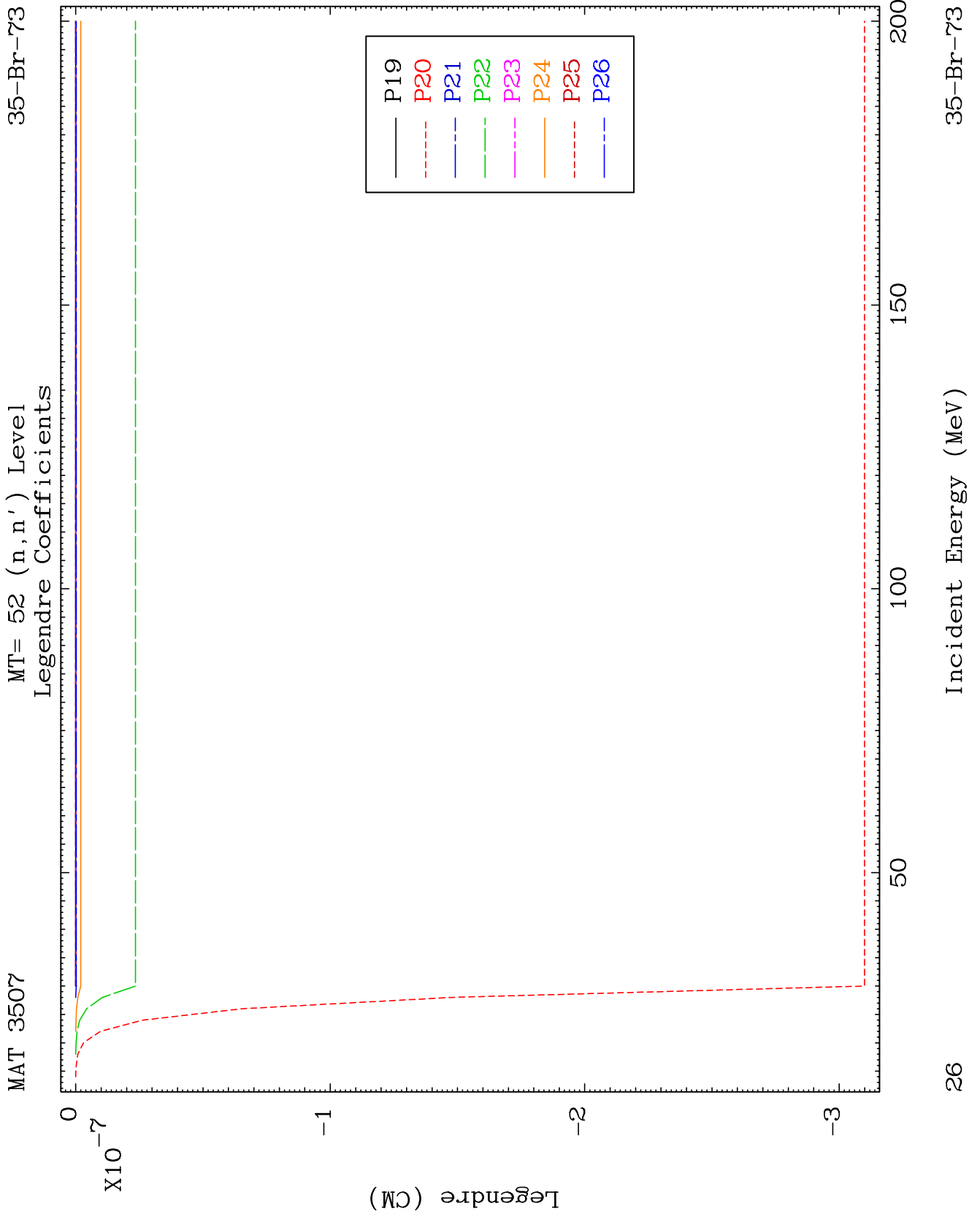
35-Br-73

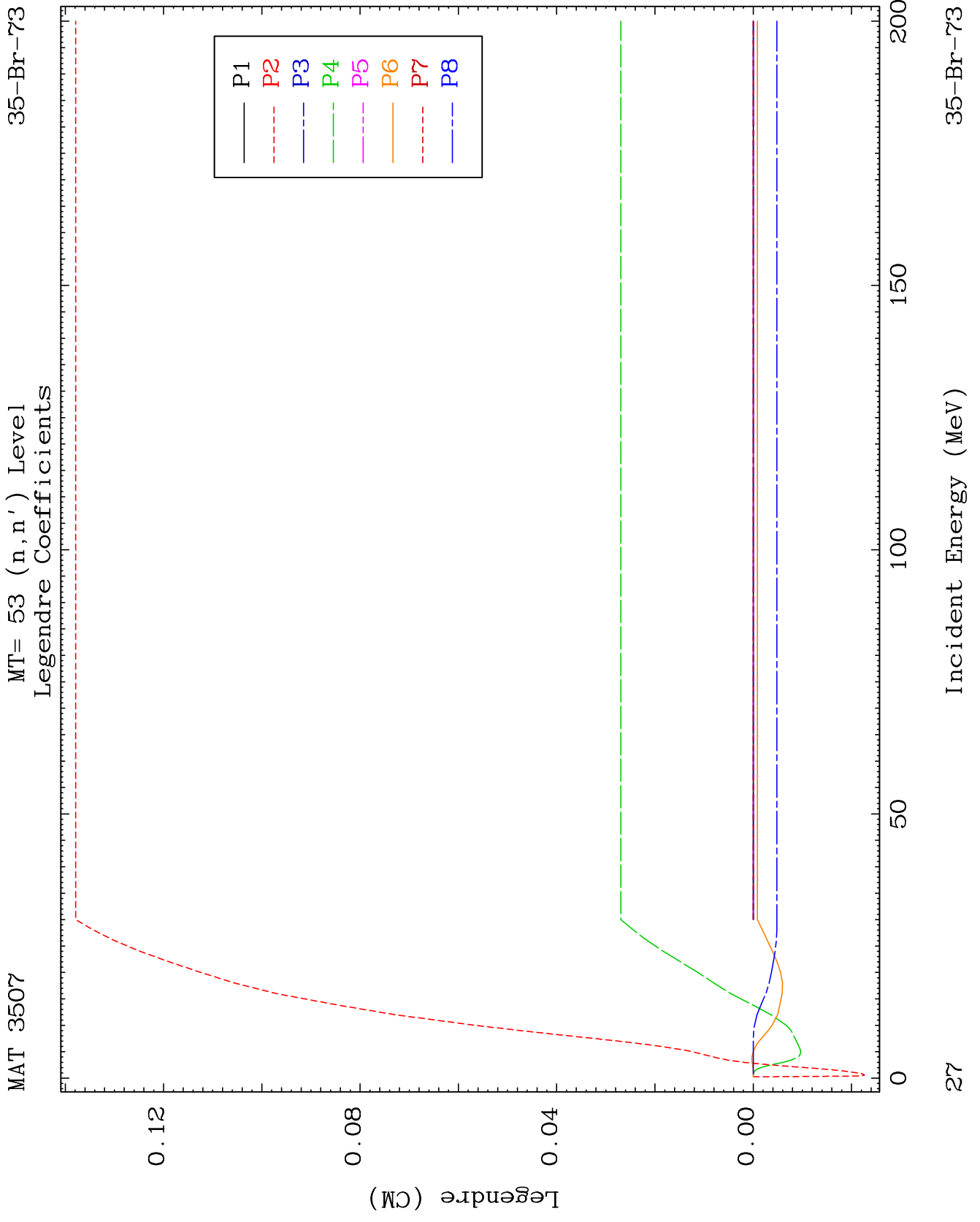


25

Incident Energy (MeV)

35-Br-73

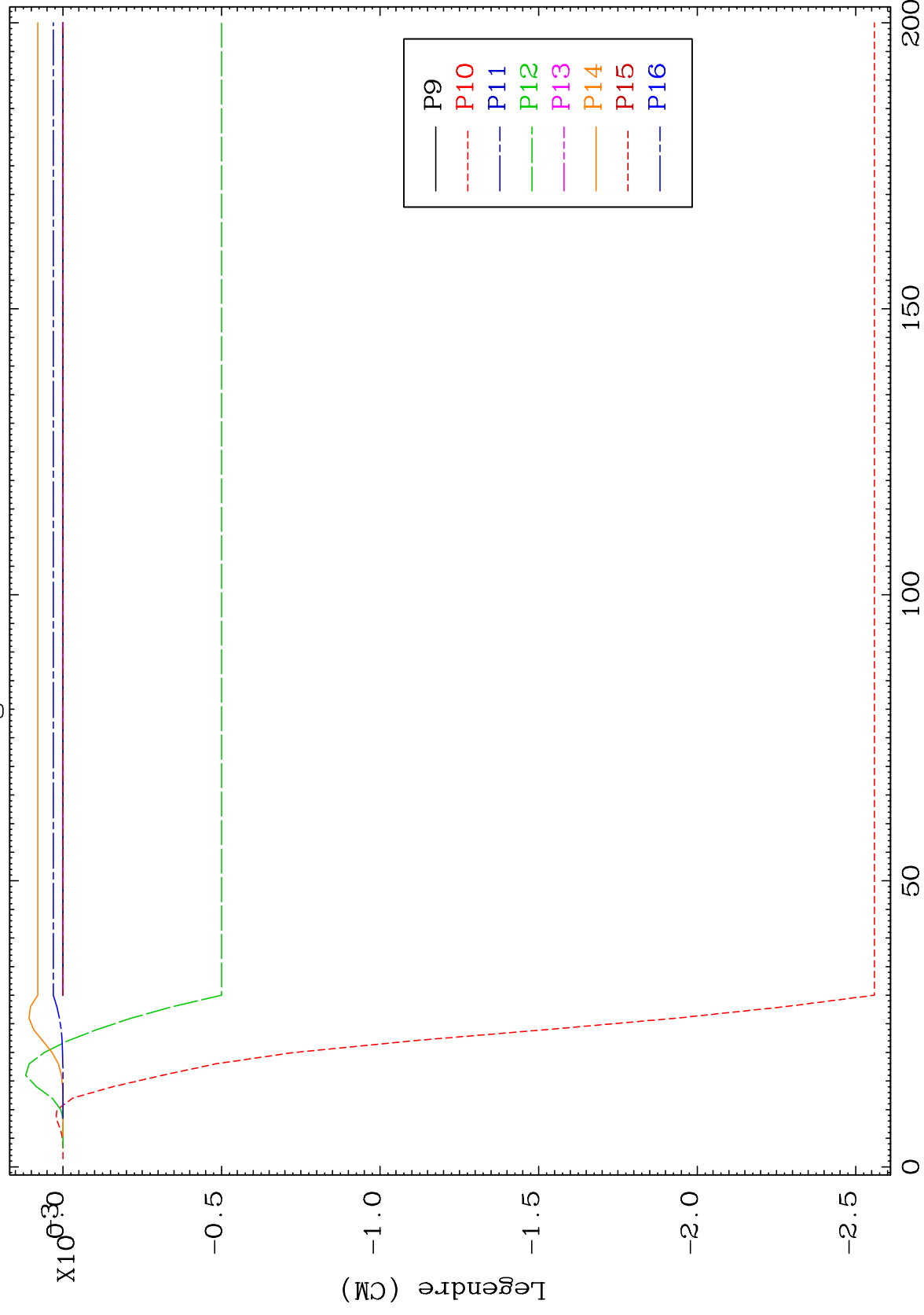




MAT 3507

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

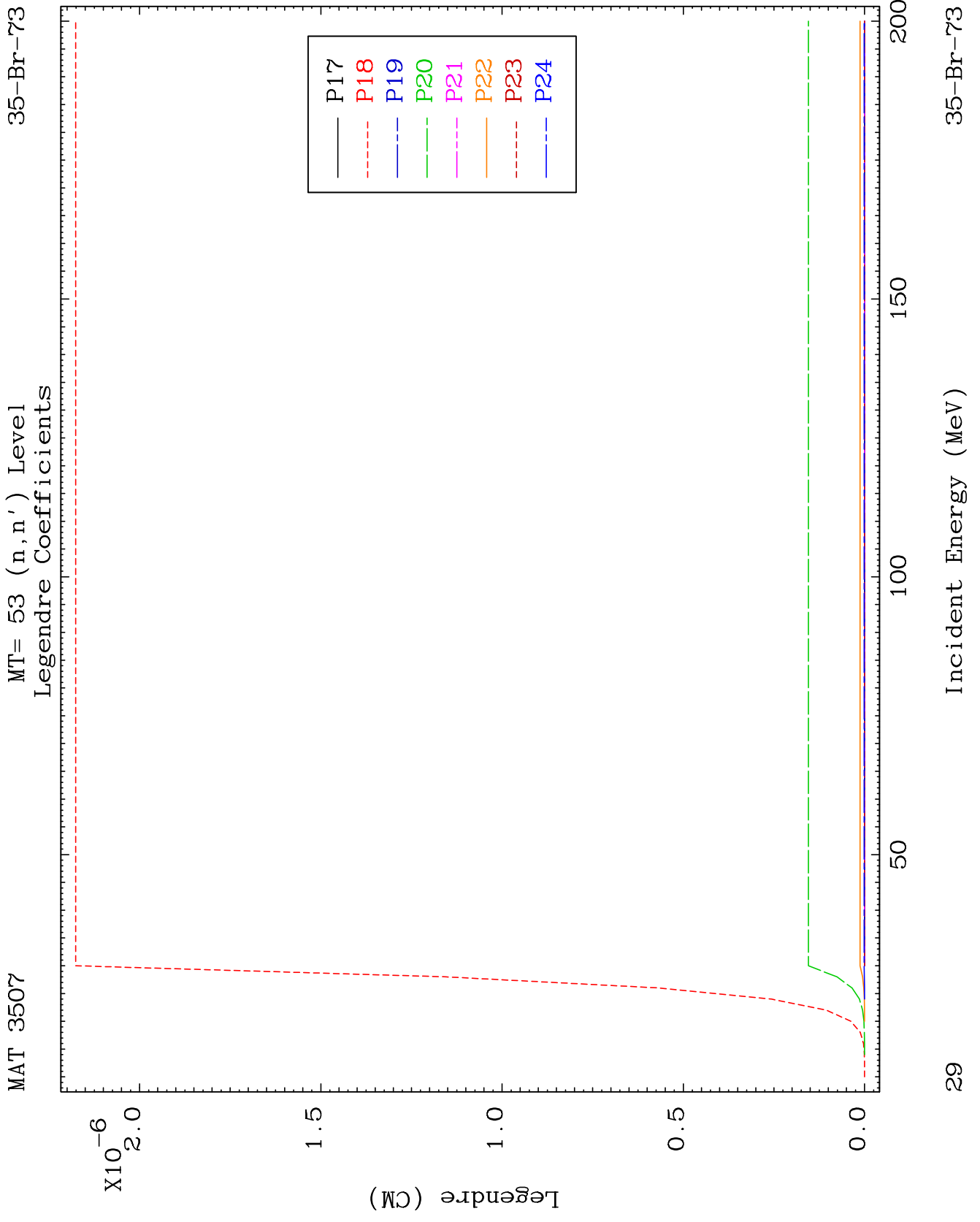
35-Br-73



28

Incident Energy (MeV)

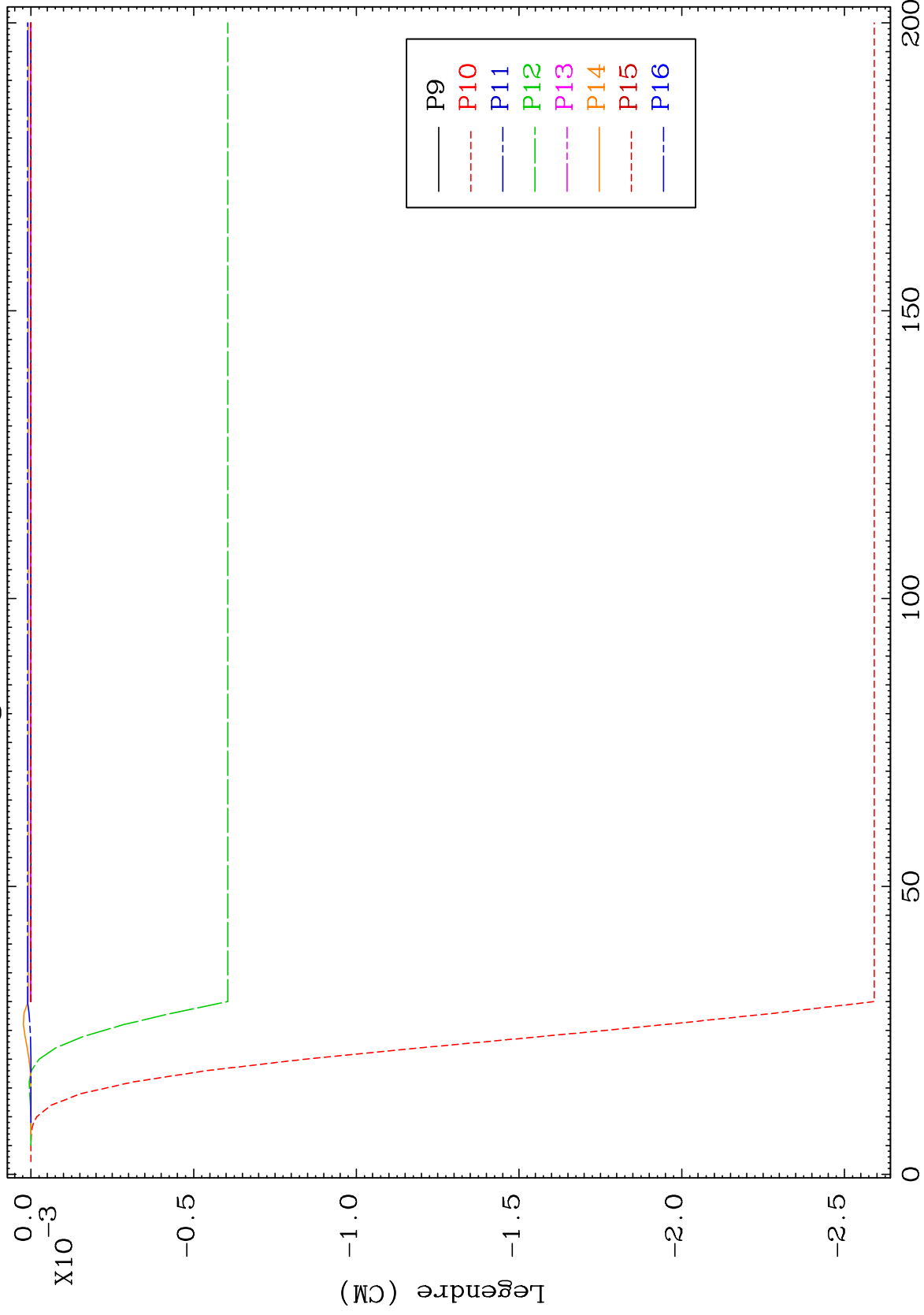
35-Br-73



MAT 3507

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

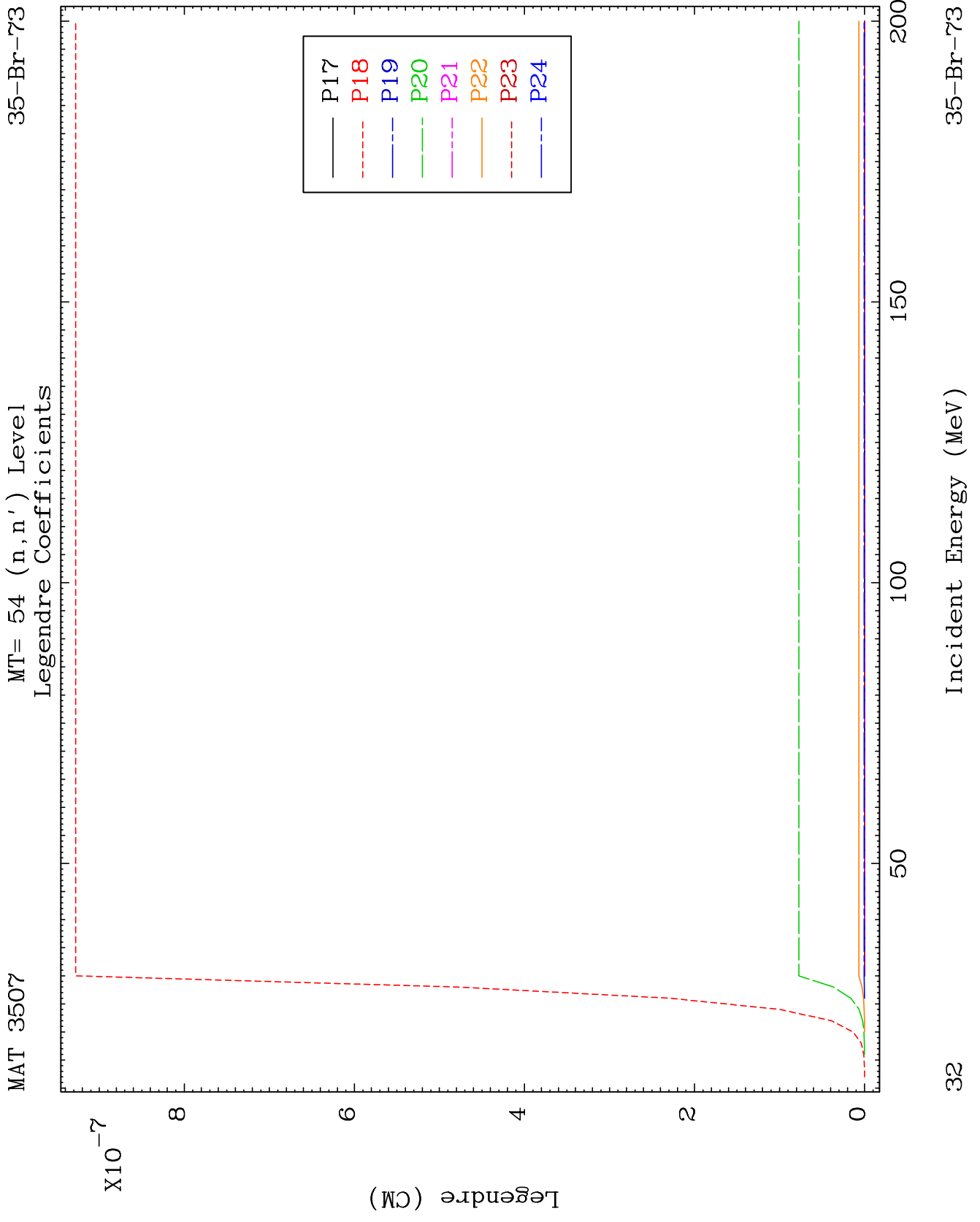
35-Br-73

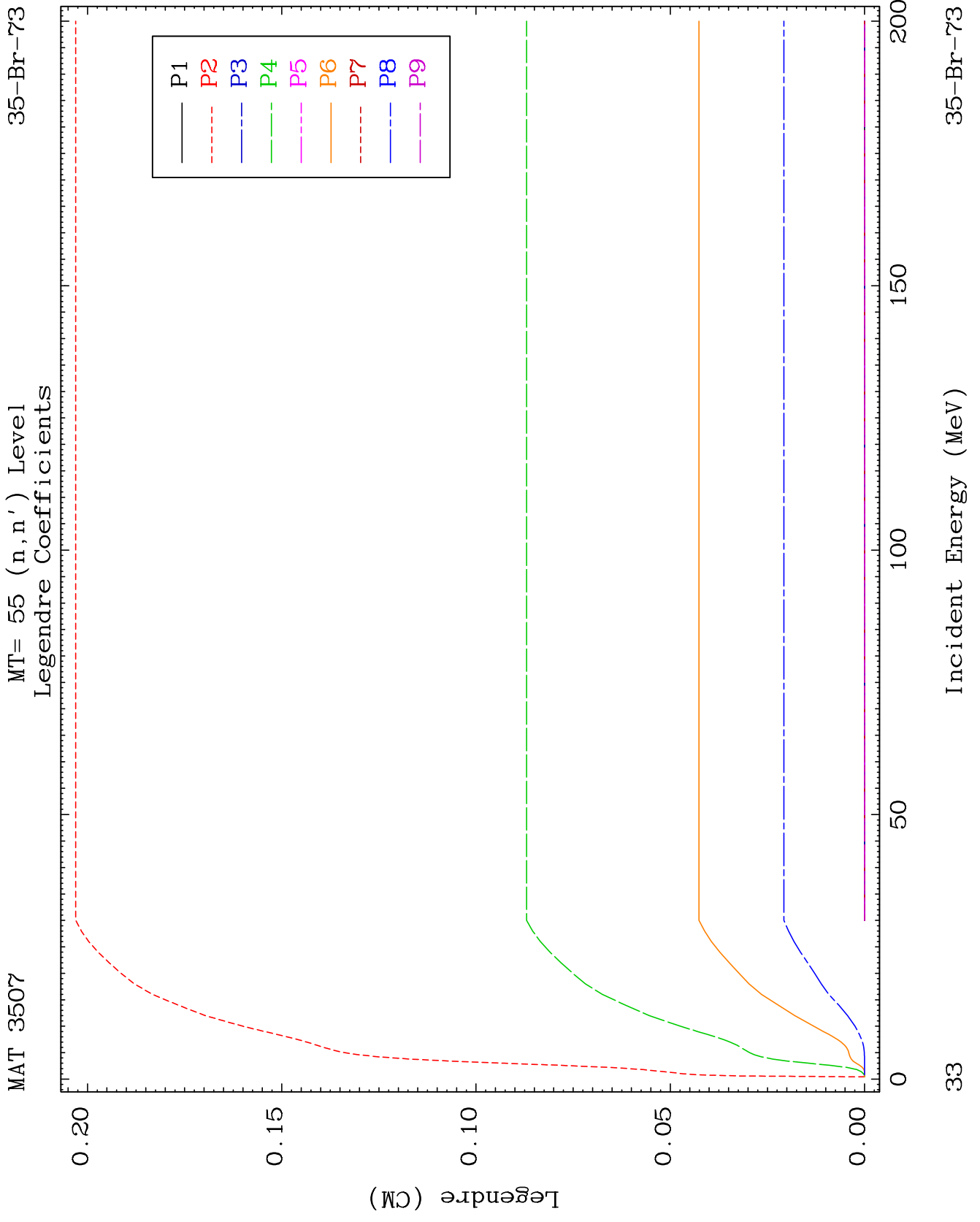


31

Incident Energy (MeV)

35-Br-73

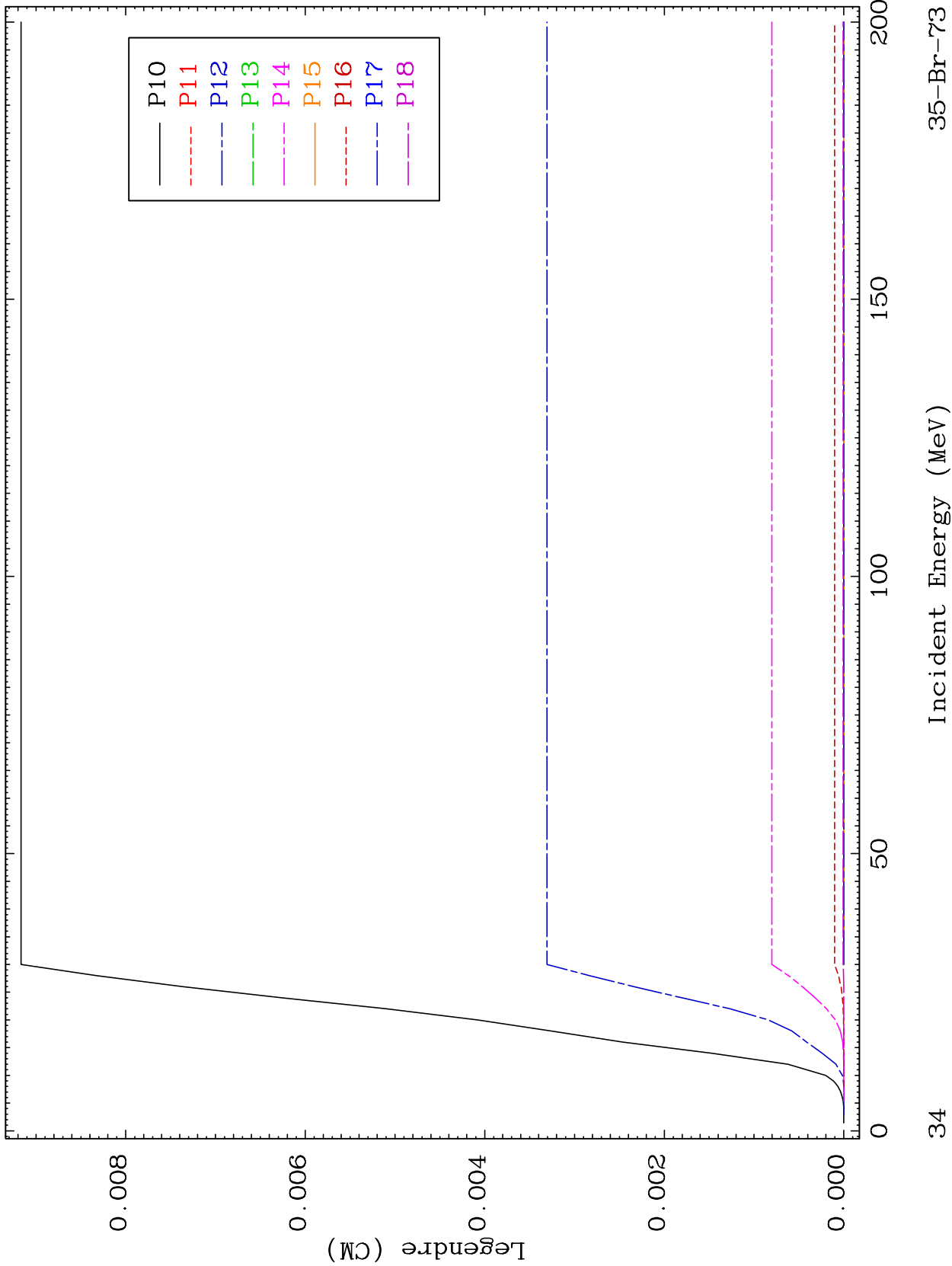




MAT 3507

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

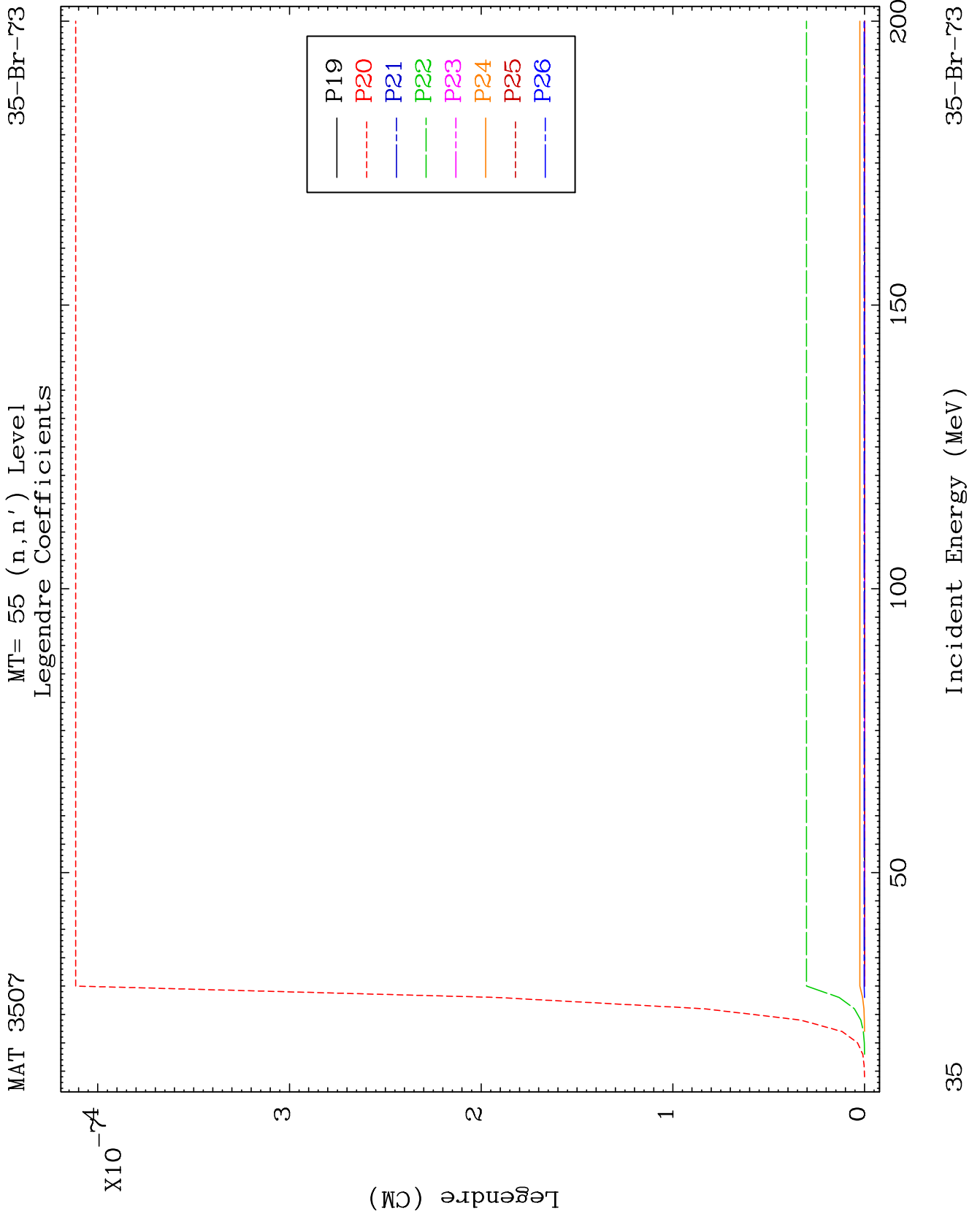
35-Br-73

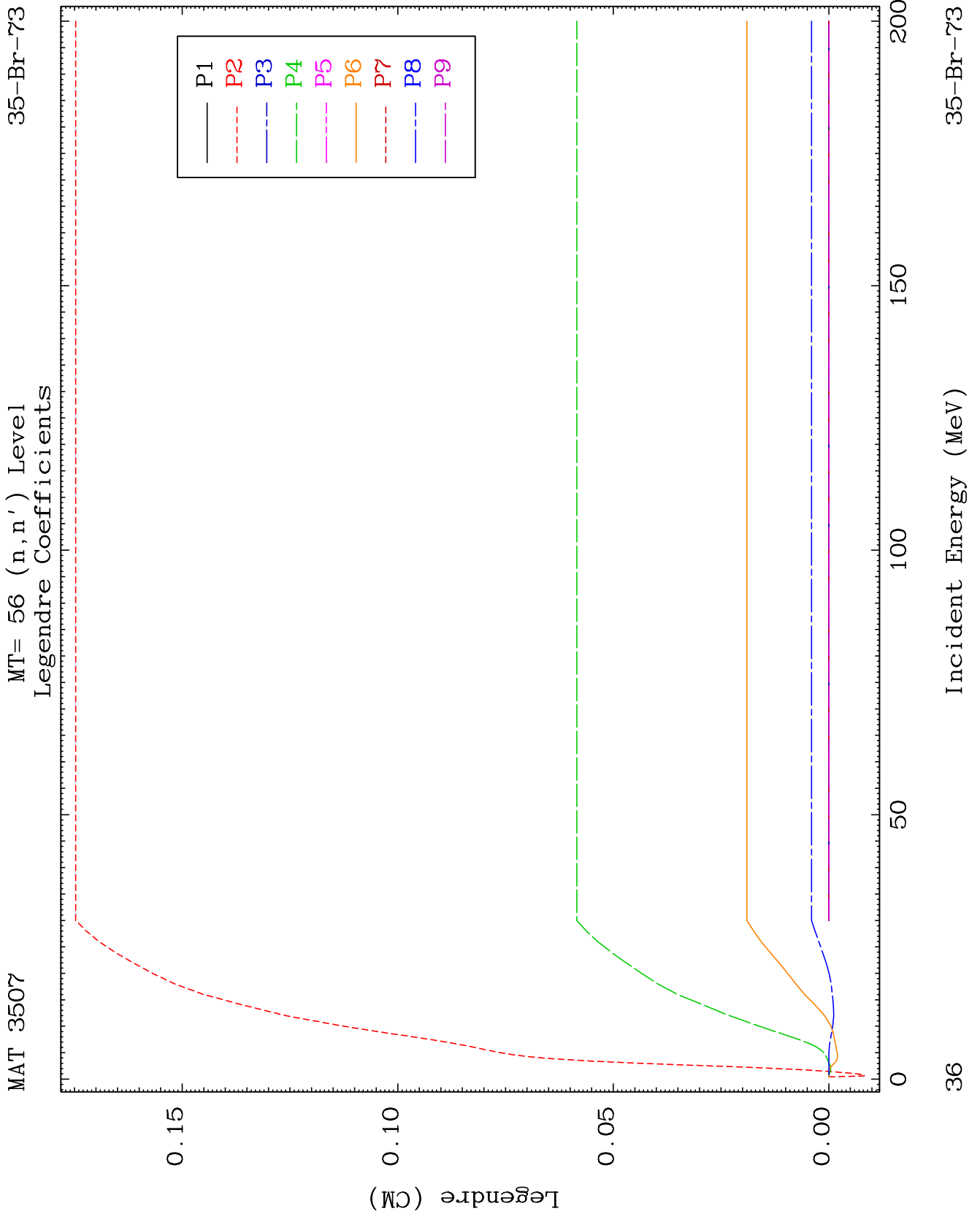


34

Incident Energy (MeV)

35-Br-73

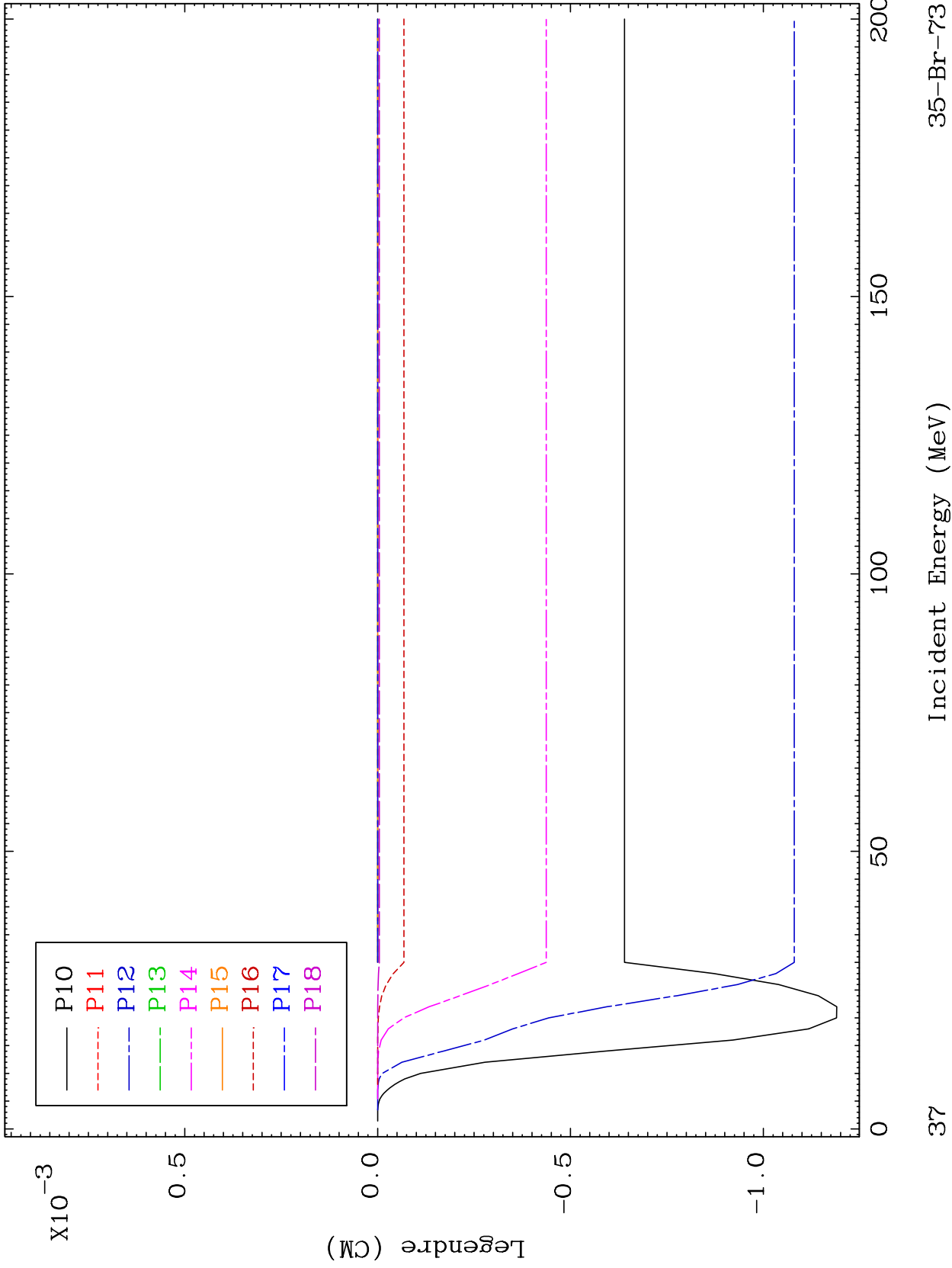


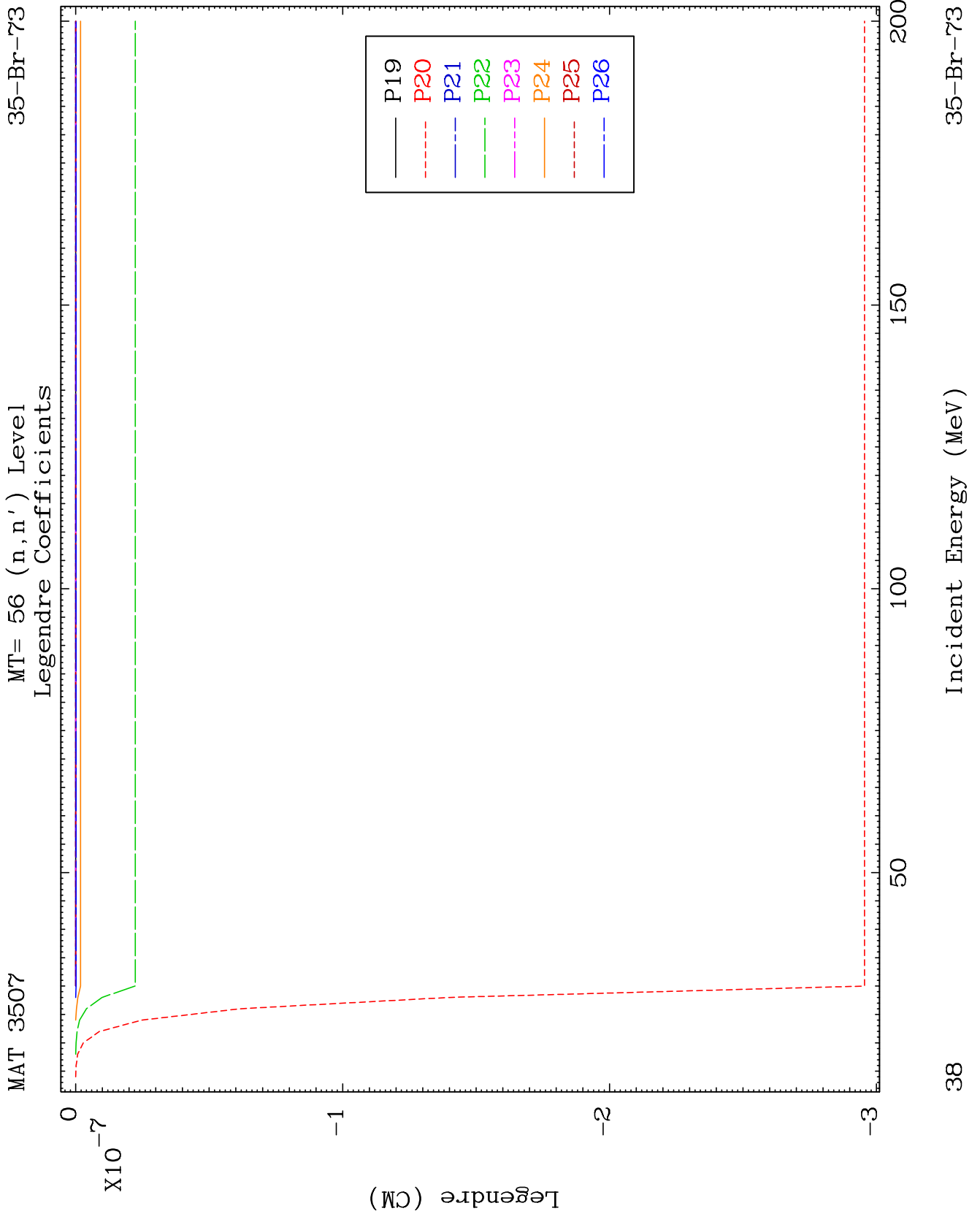


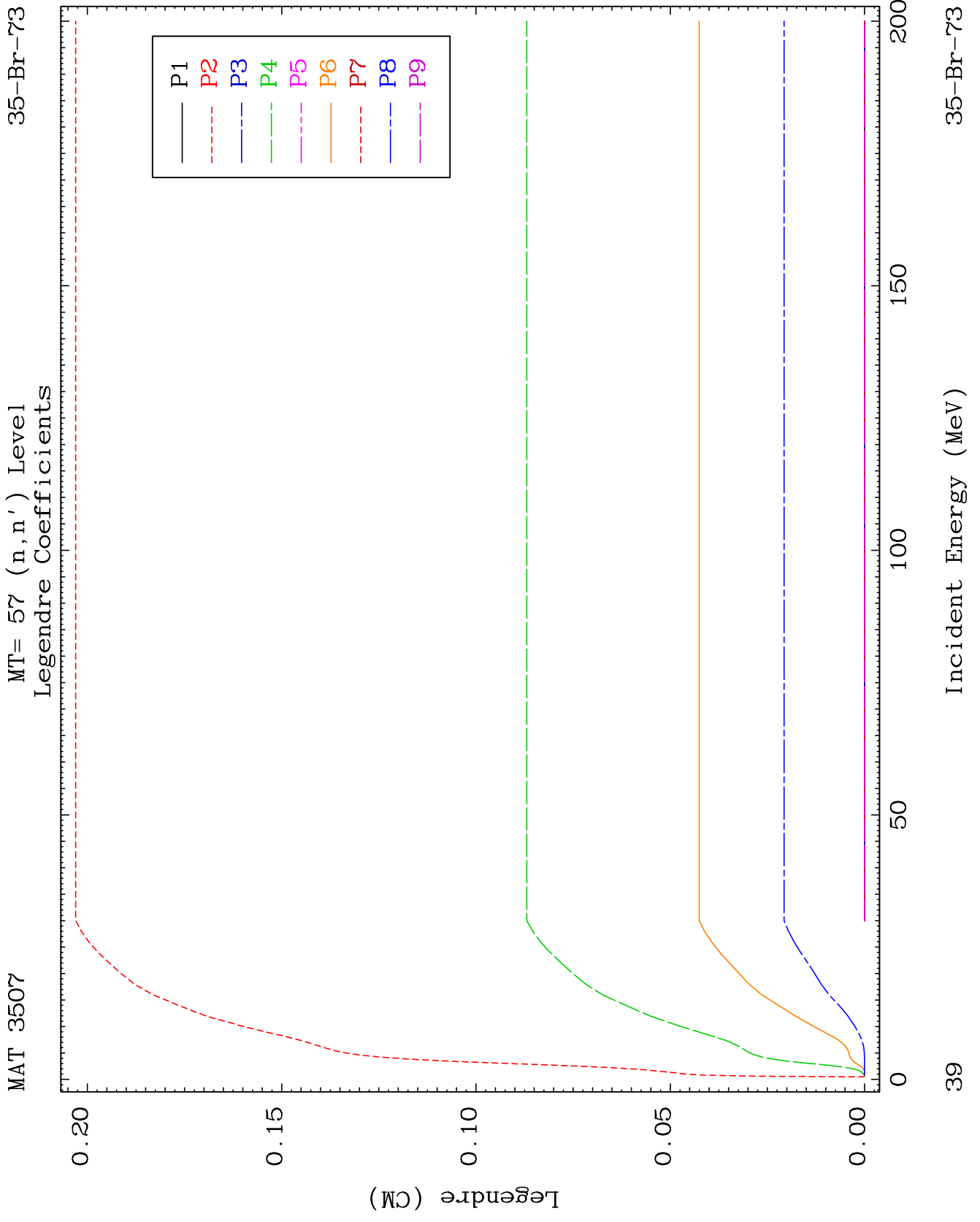
MAT 3507

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

35-Br-73



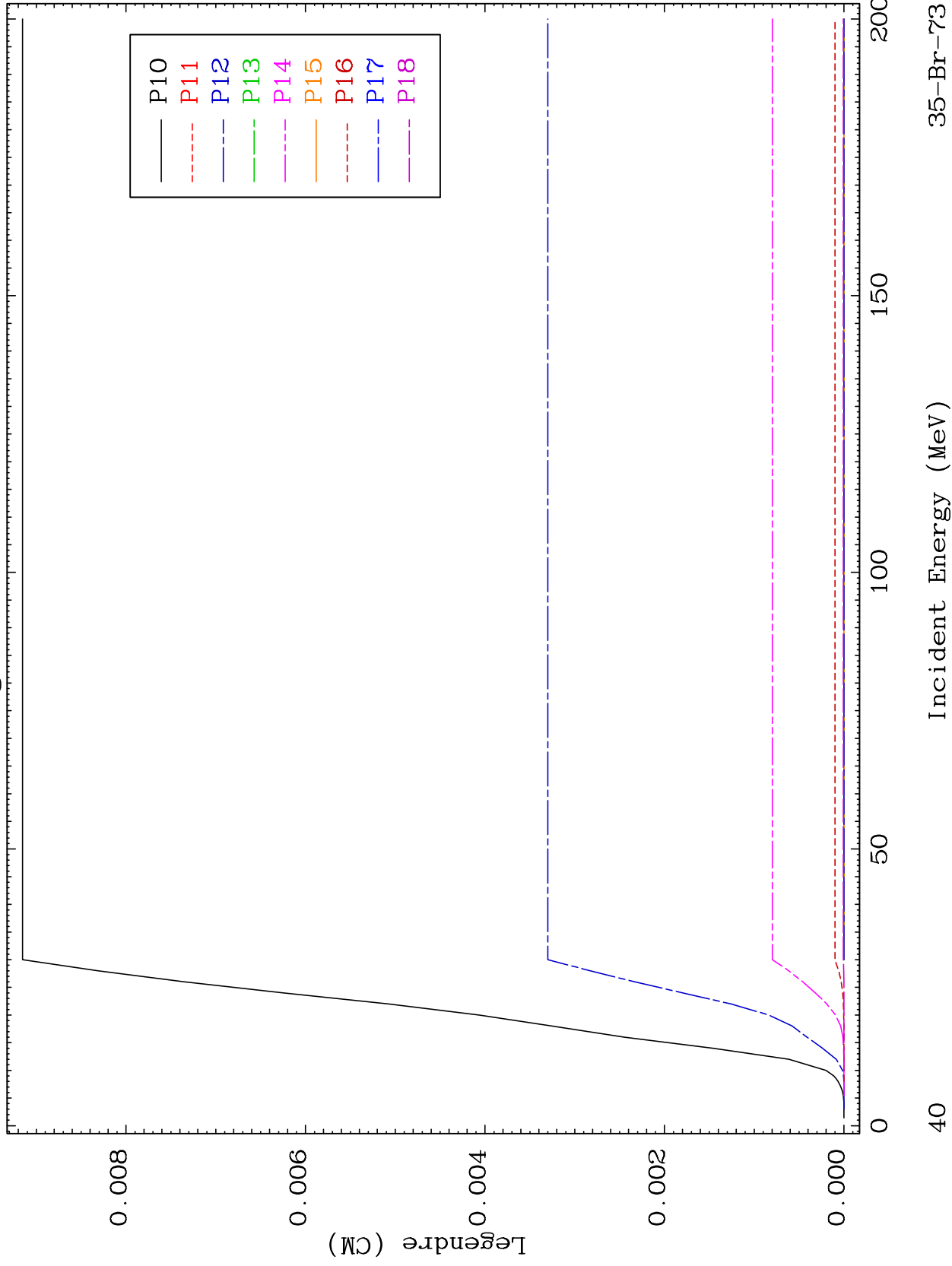




MAT 3507

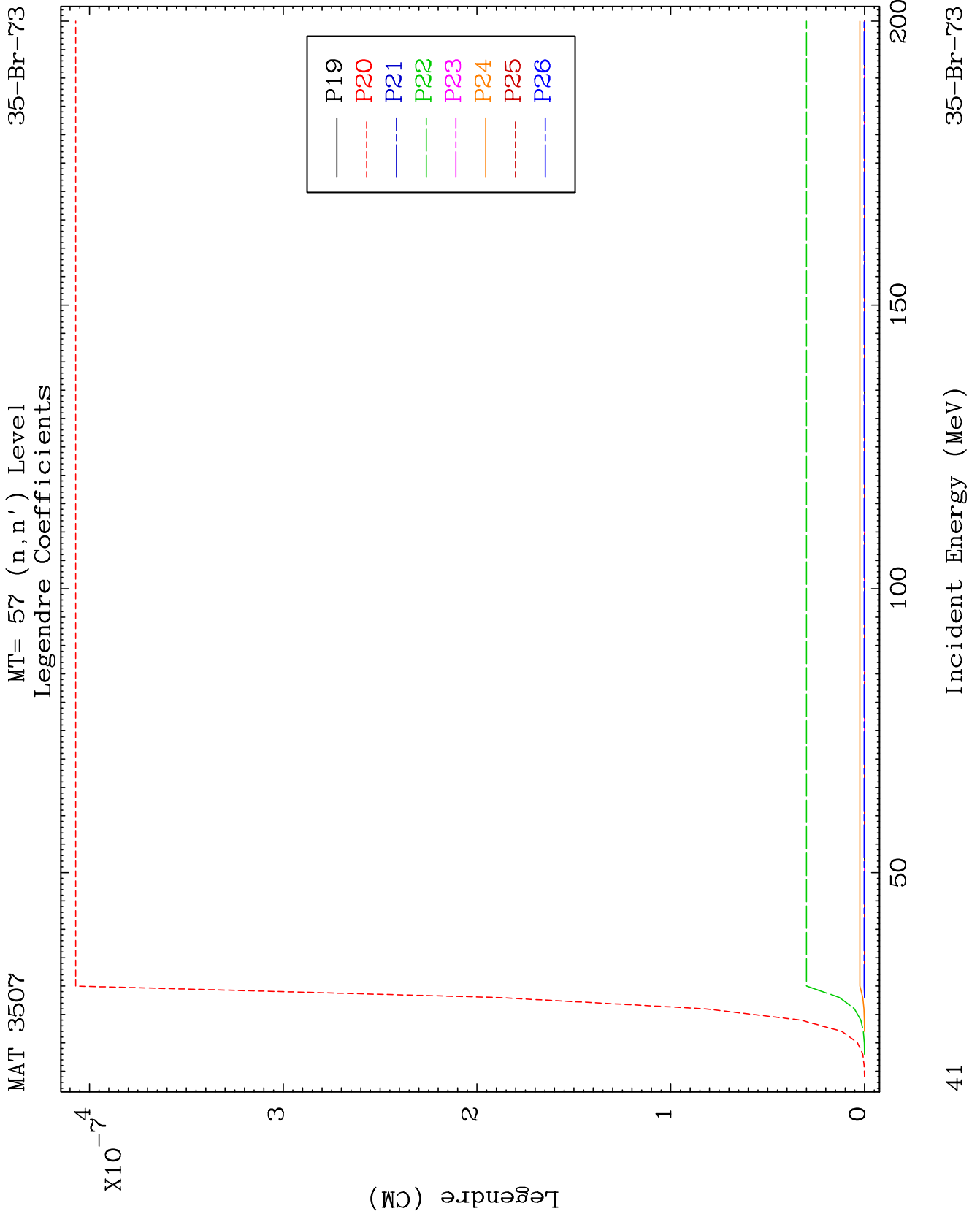
MT= 57 (n,n') Level
Legendre Coefficients

35-Br-73



35-Br-73

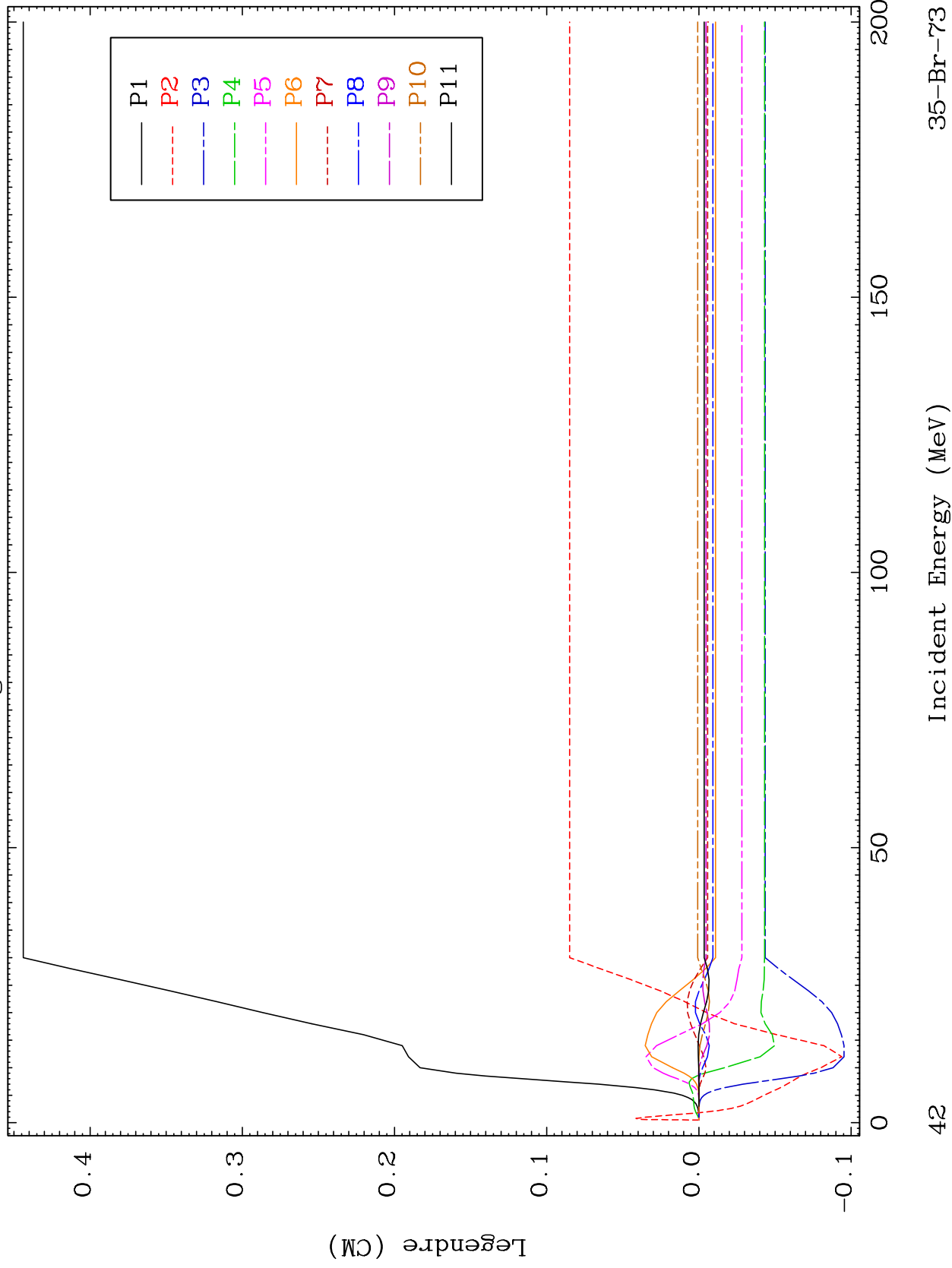
Incident Energy (MeV)



MAT 3507

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

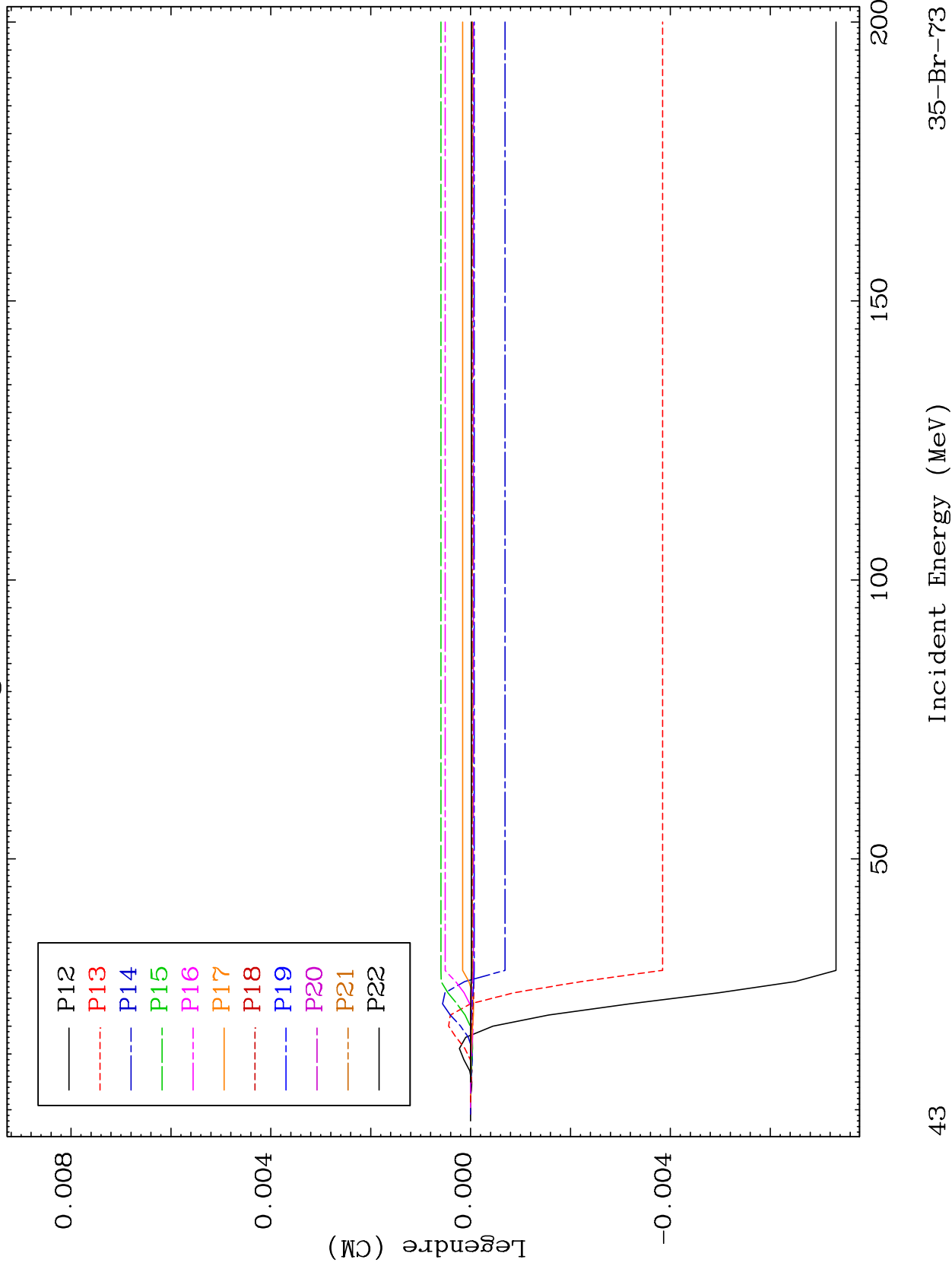
35-Br-73



MAT 3507

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

35-Br-73



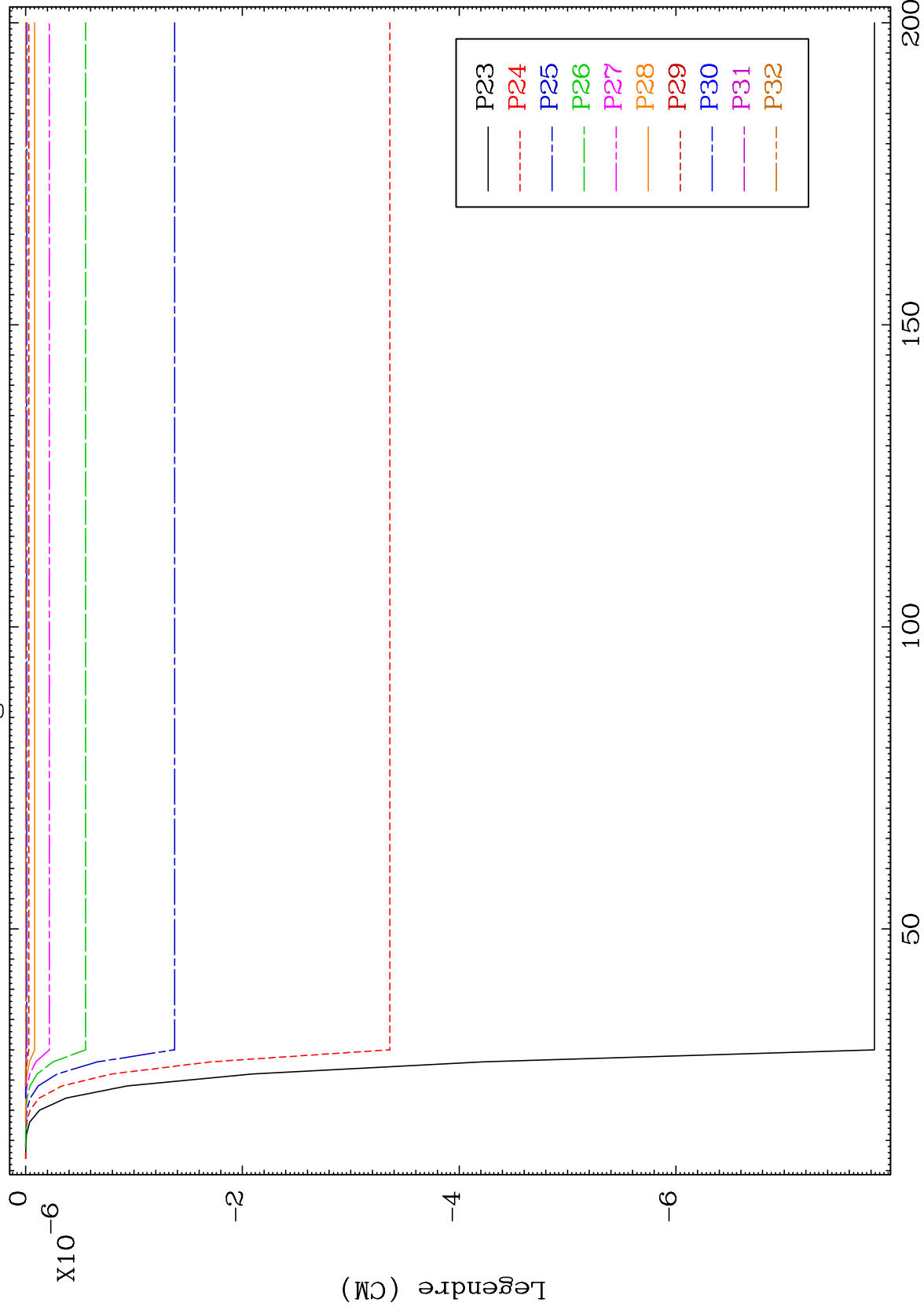
43

35-Br-73

MAT 3507

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

35-Br-73



44

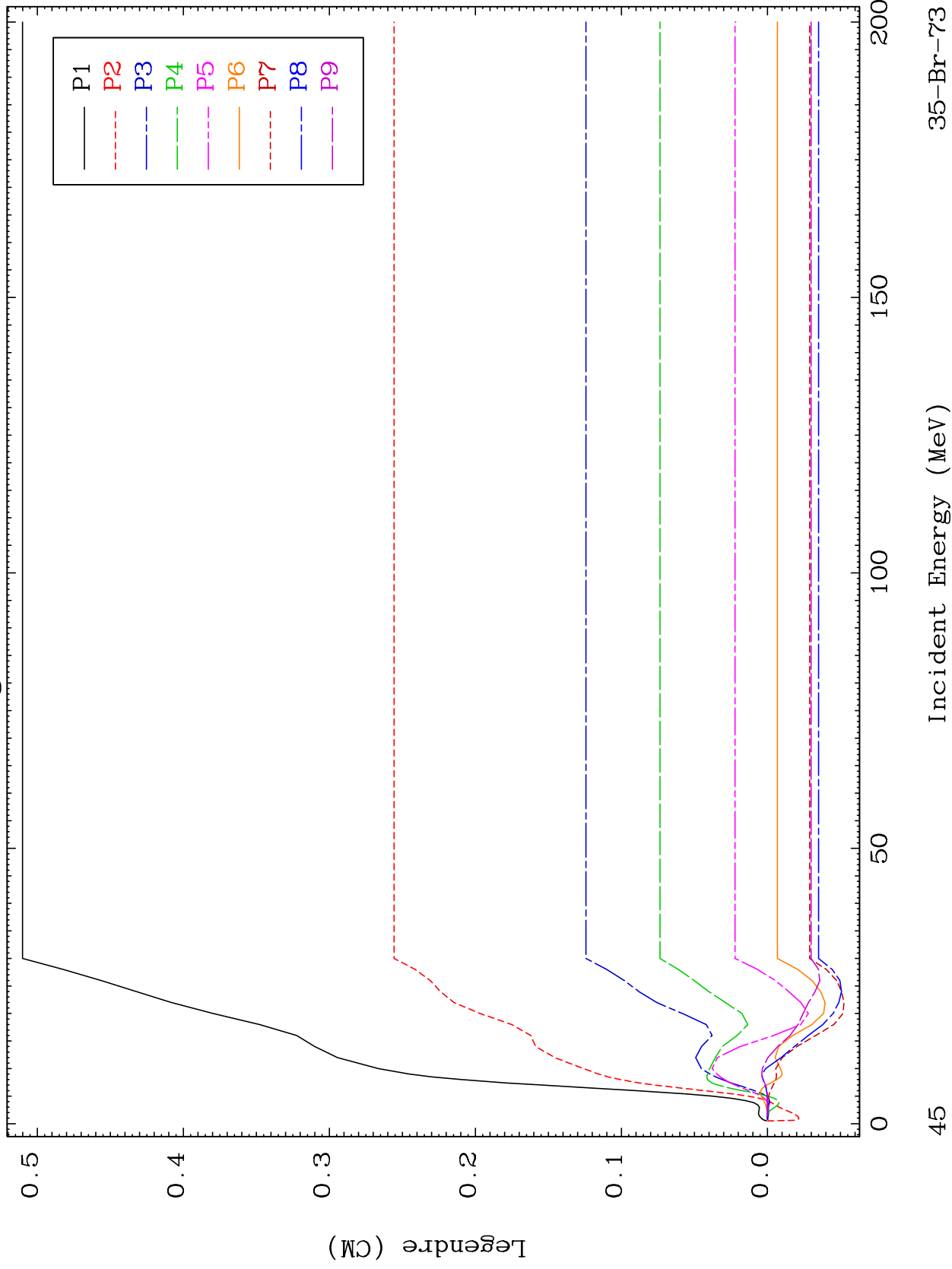
Incident Energy (MeV)

35-Br-73

MAT 3507

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

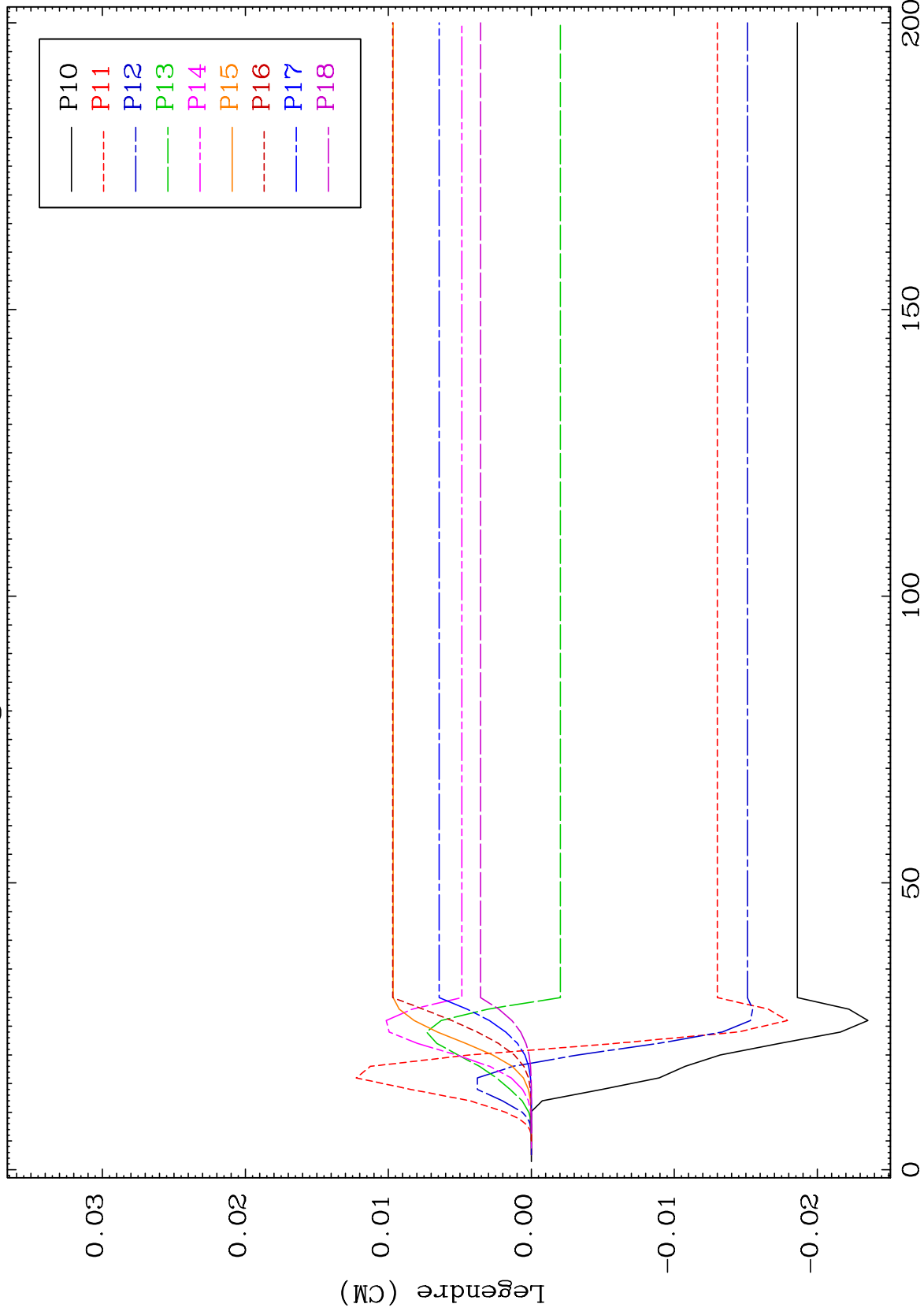
35-Br-73



MAT 3507

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

35-Br-73



46

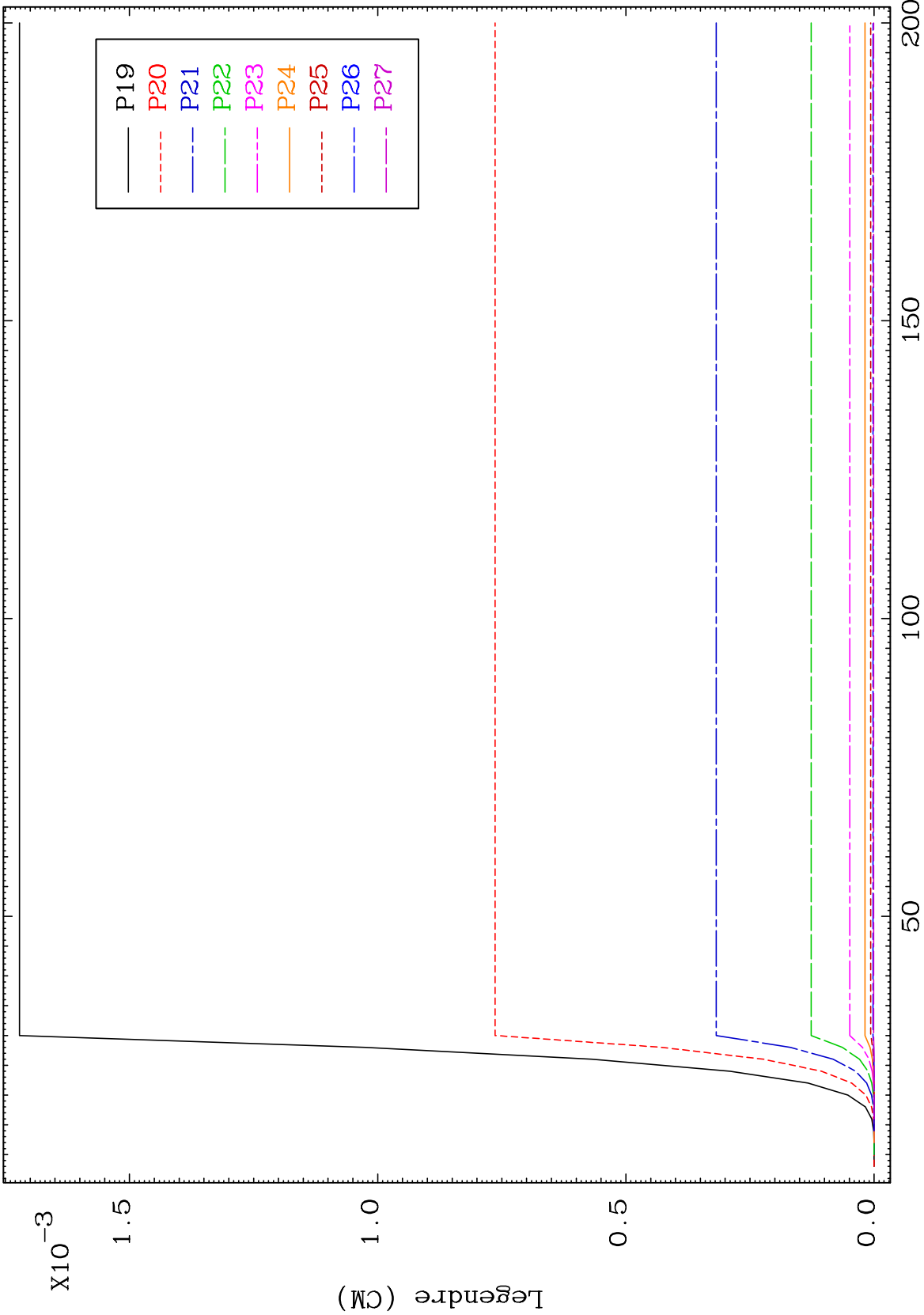
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



47

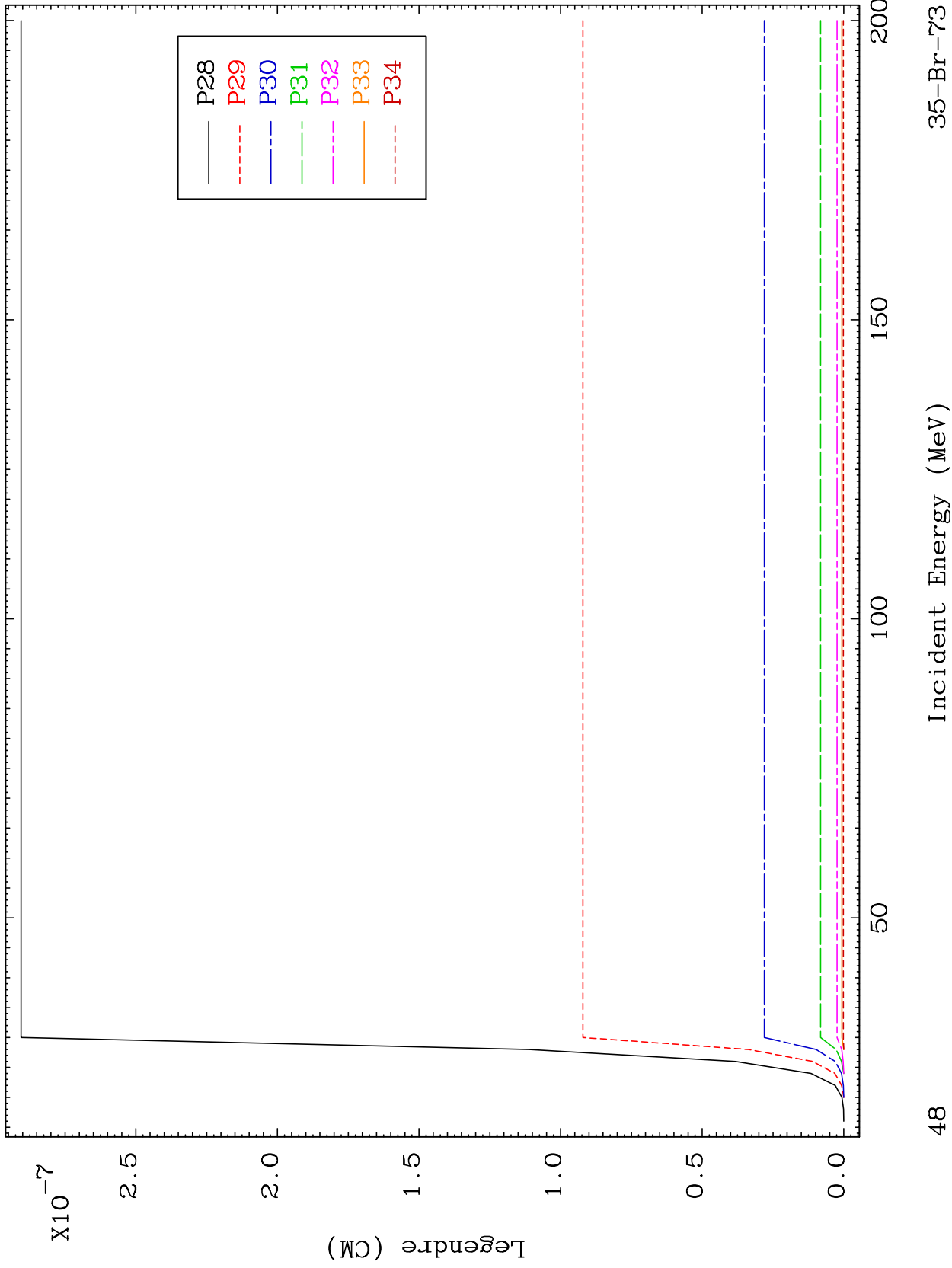
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



48

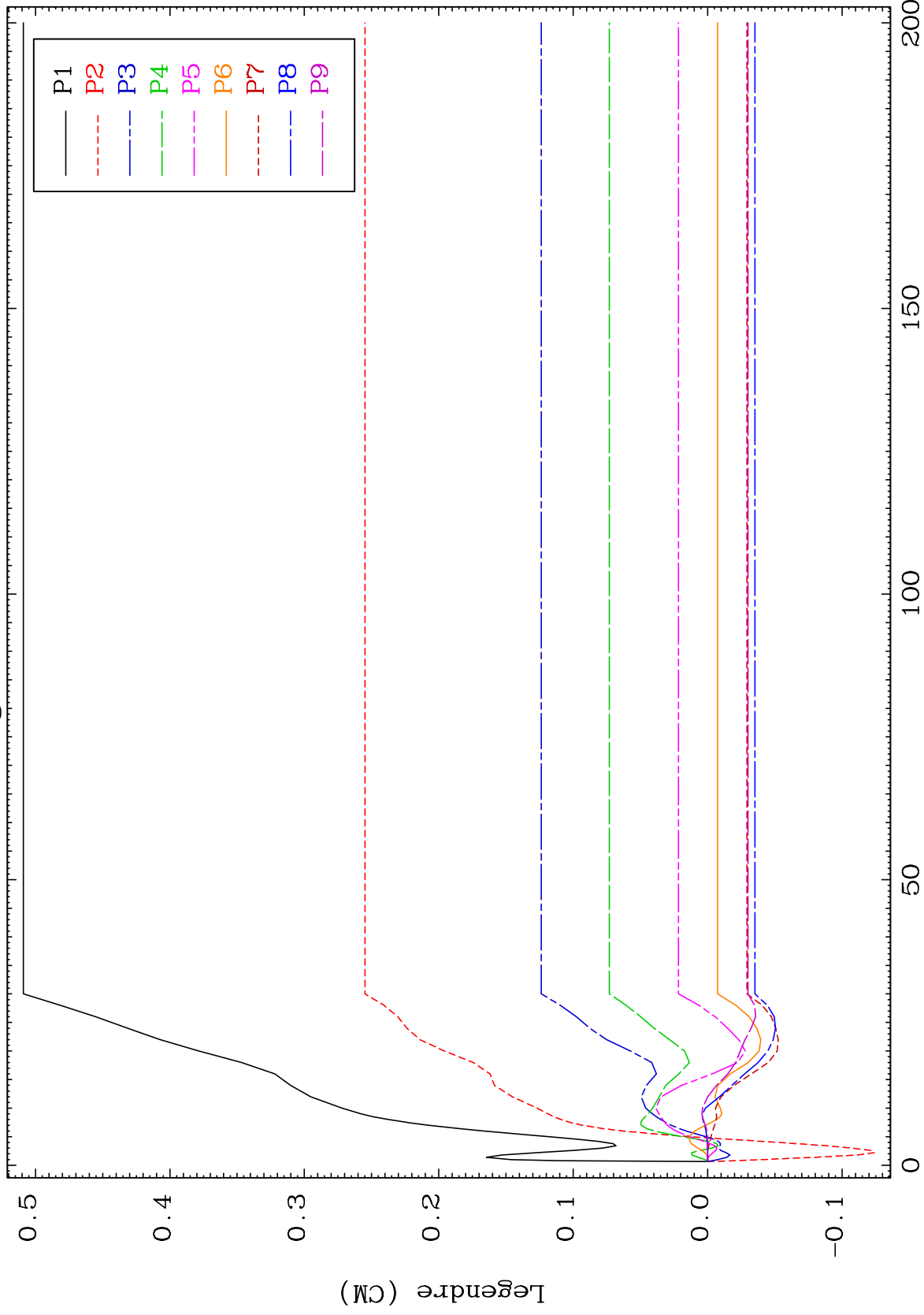
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



49

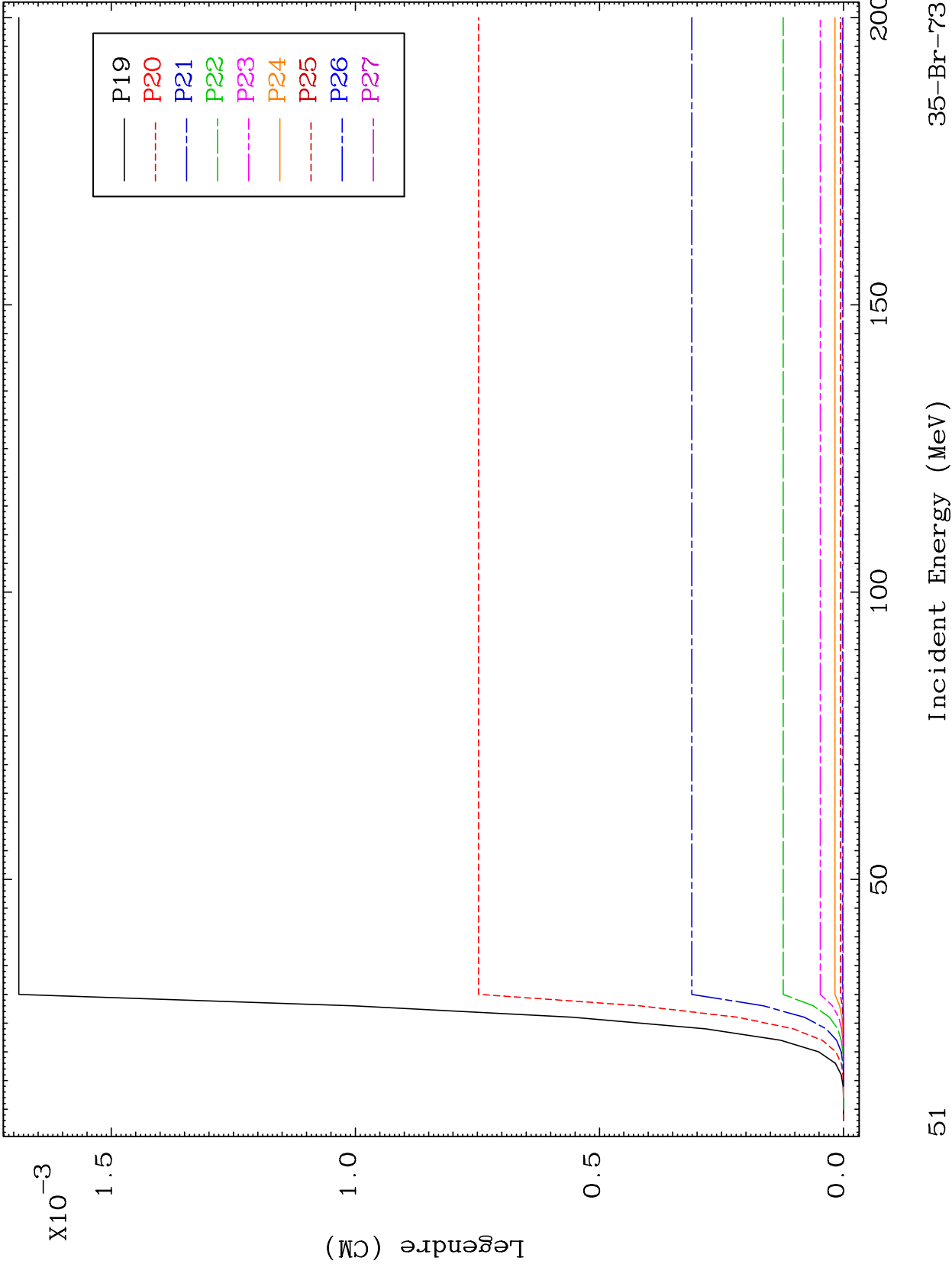
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



51

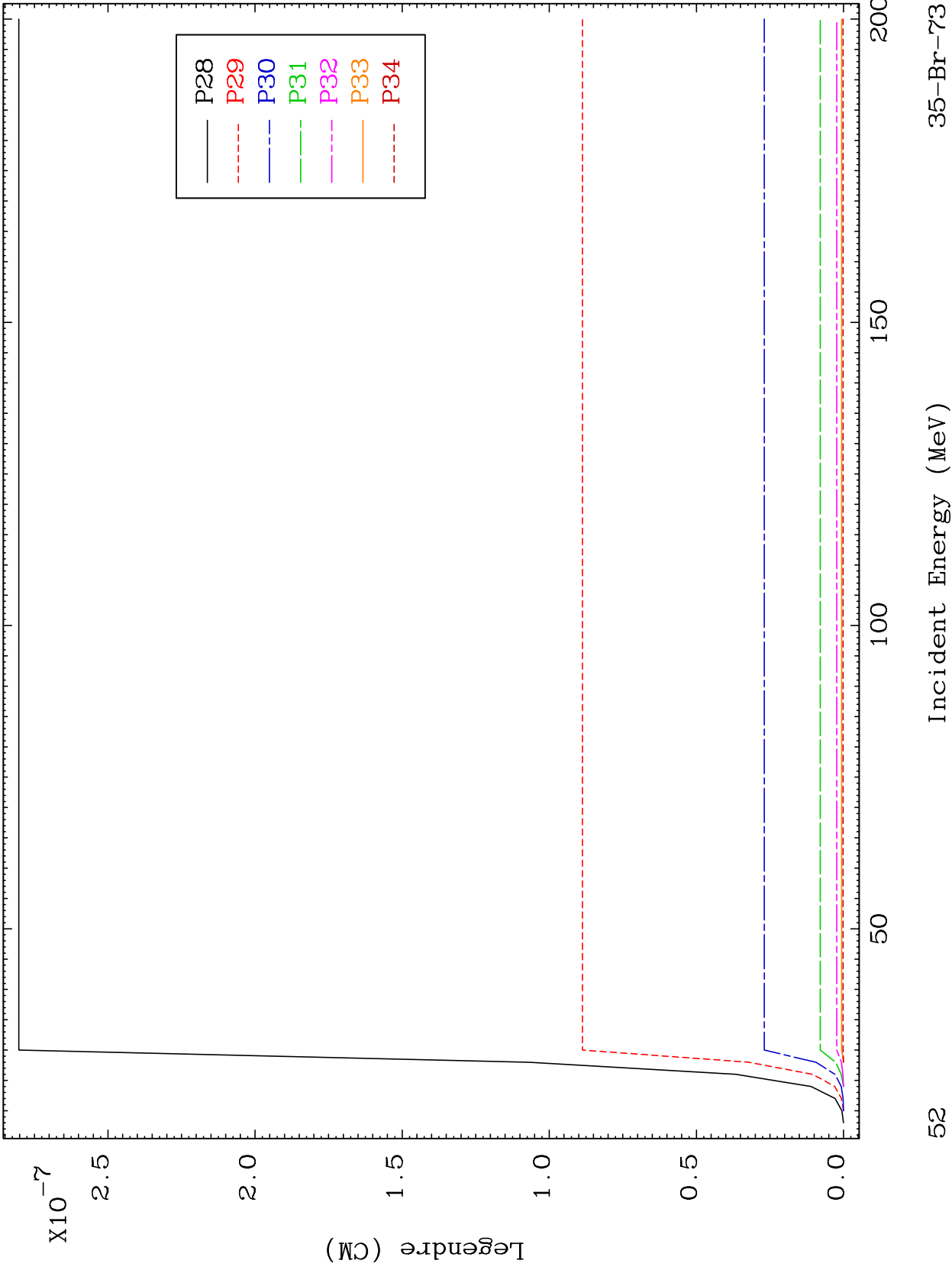
Incident Energy (MeV)

35-Br-73

MAT 3507

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

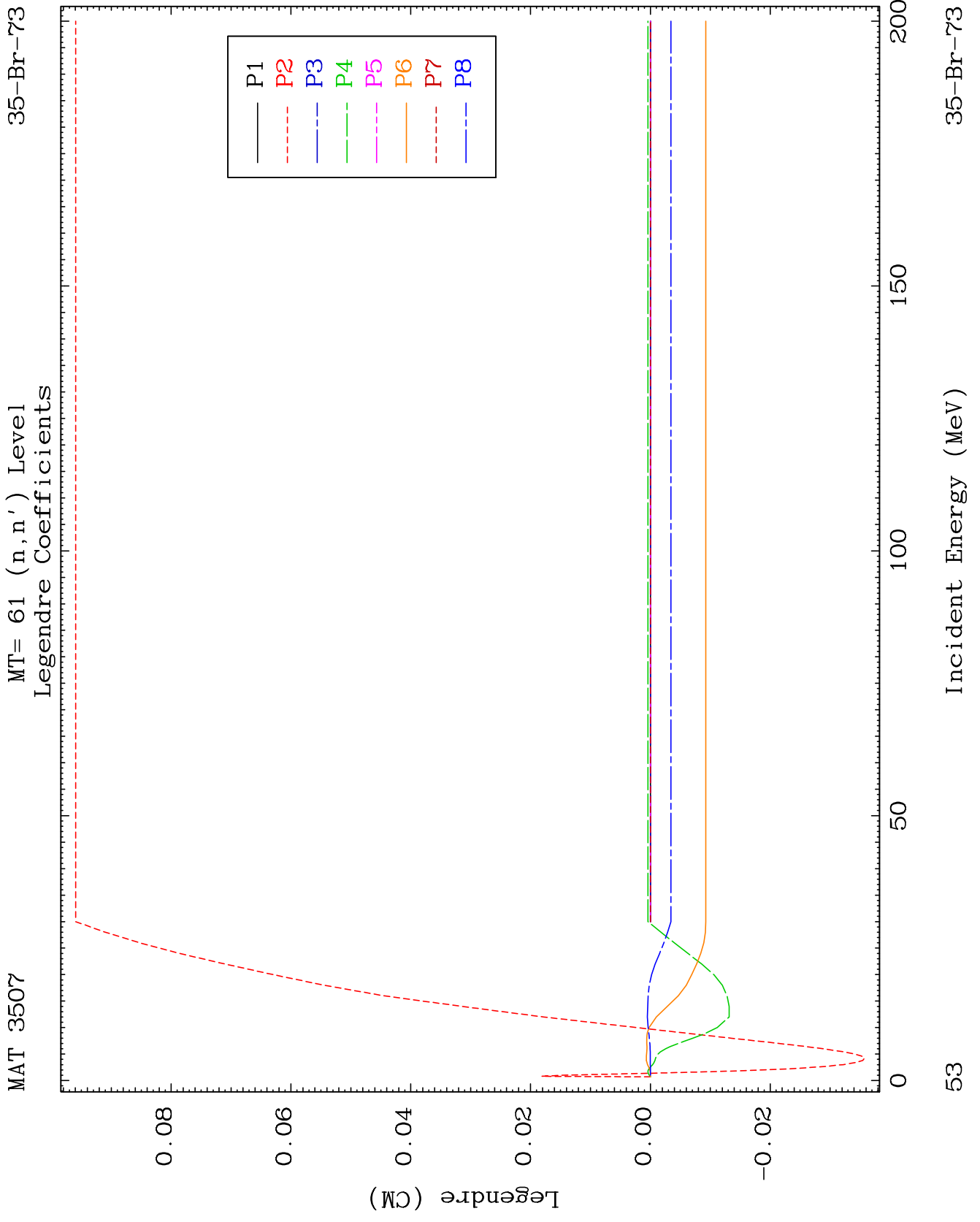
35-Br-73

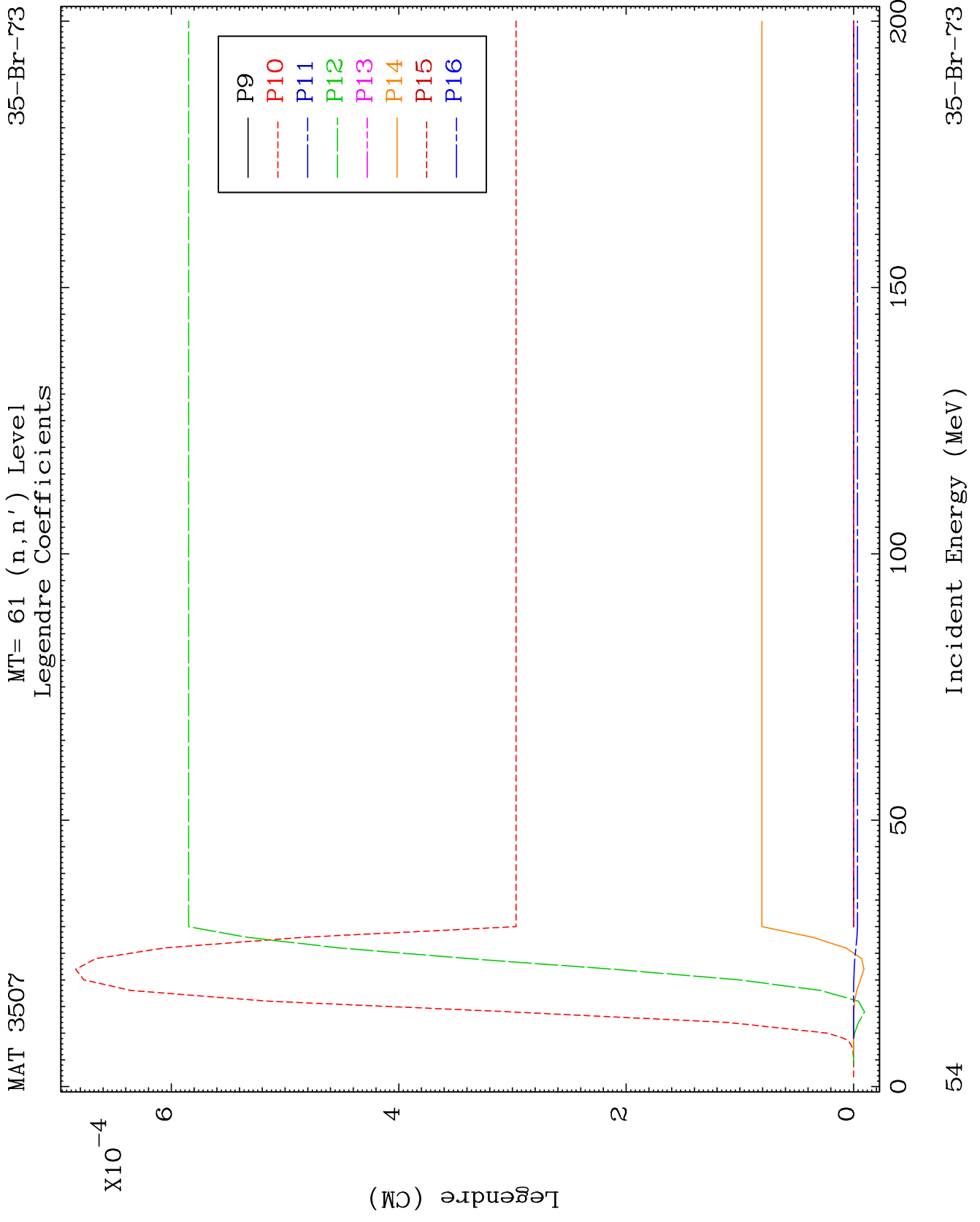


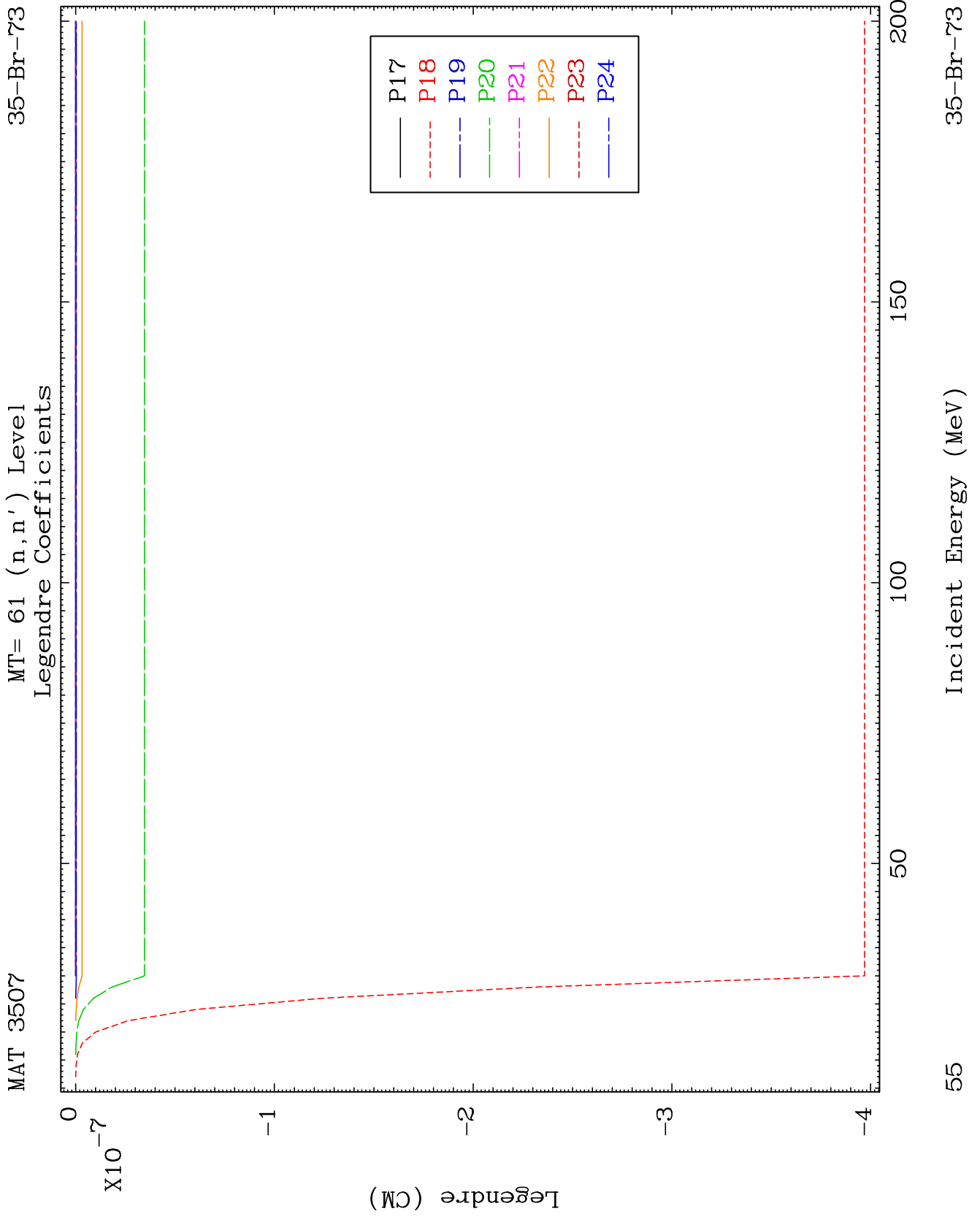
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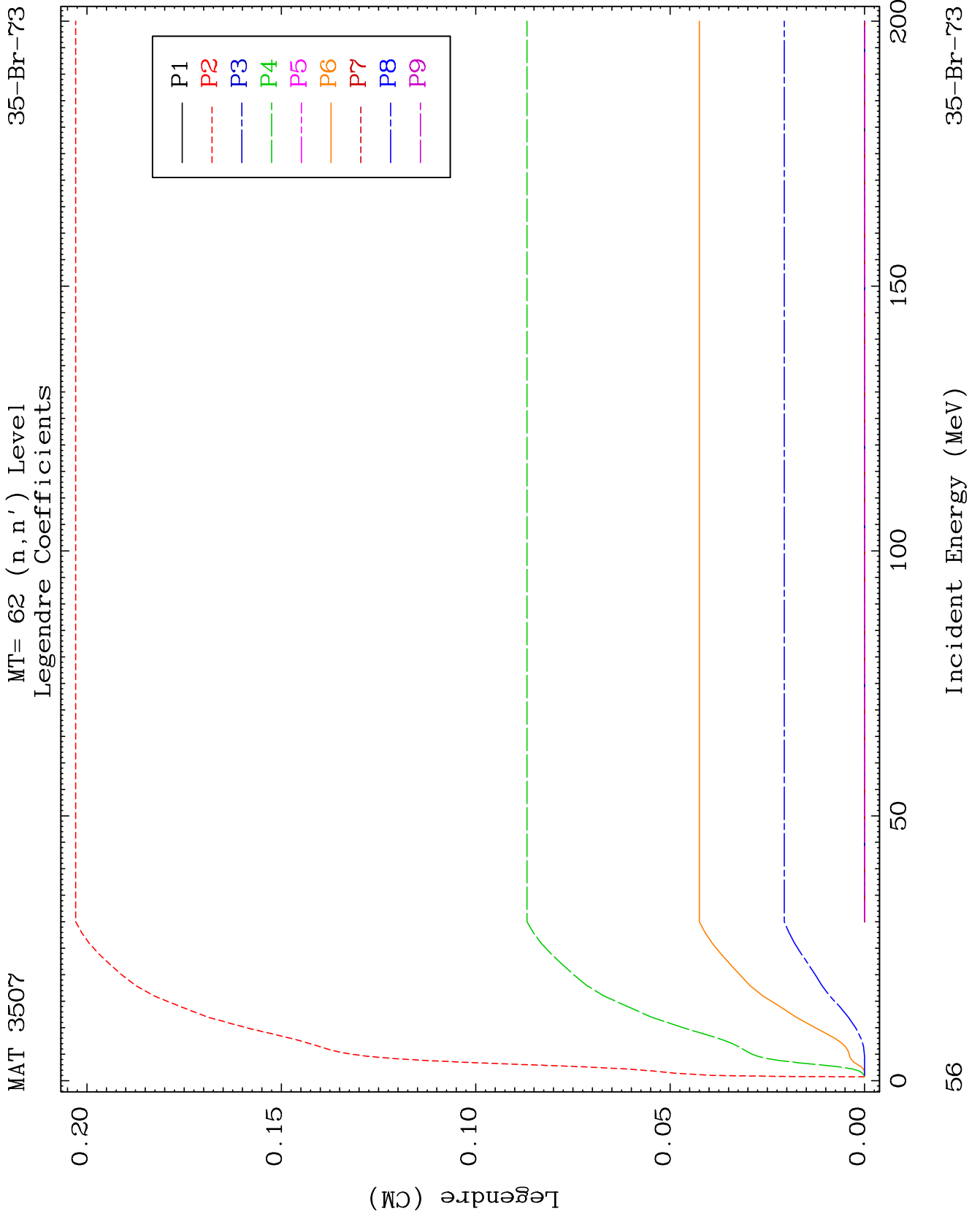
Incident Energy (MeV)

35-Br-73





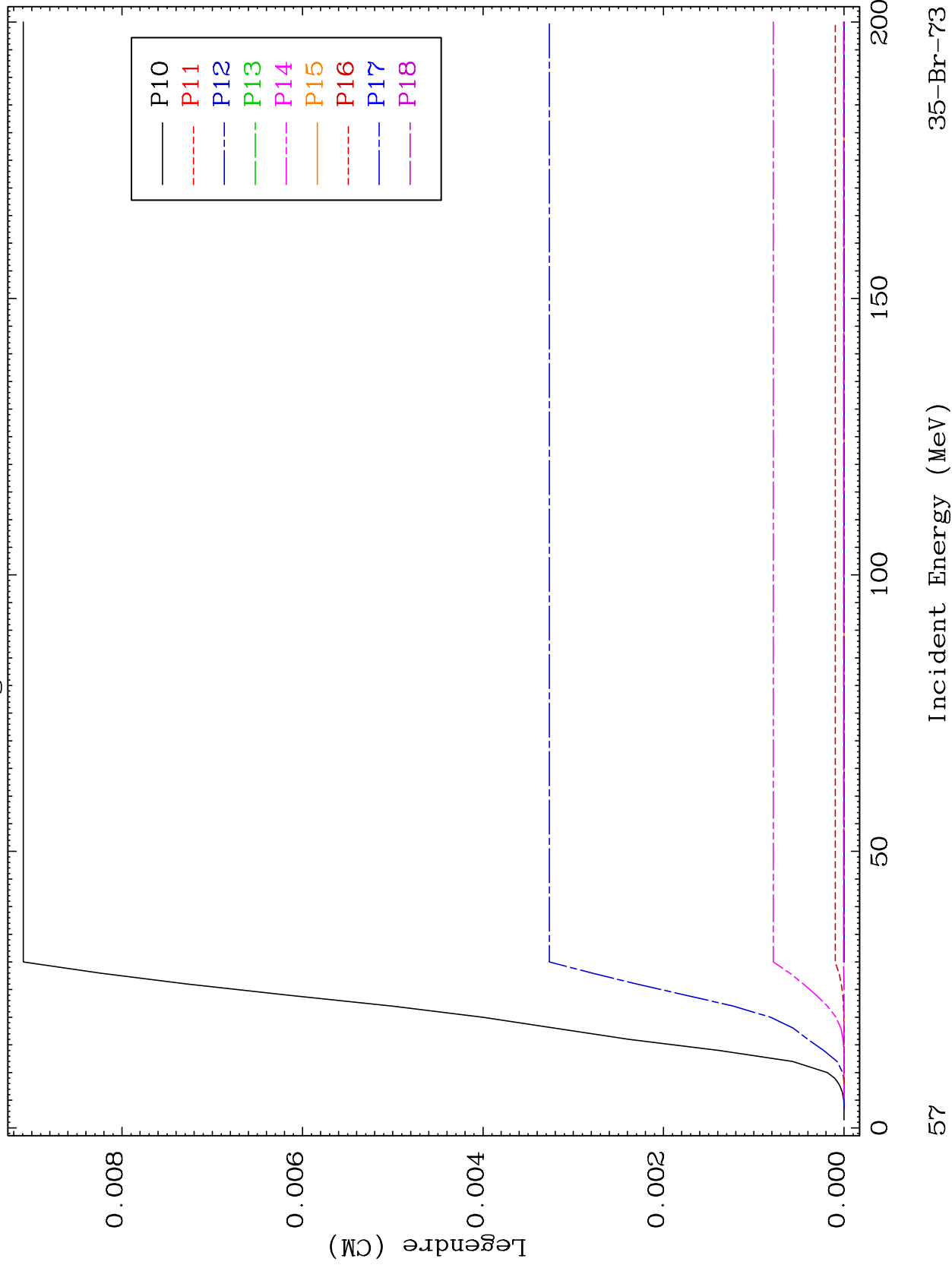




MAT 3507

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

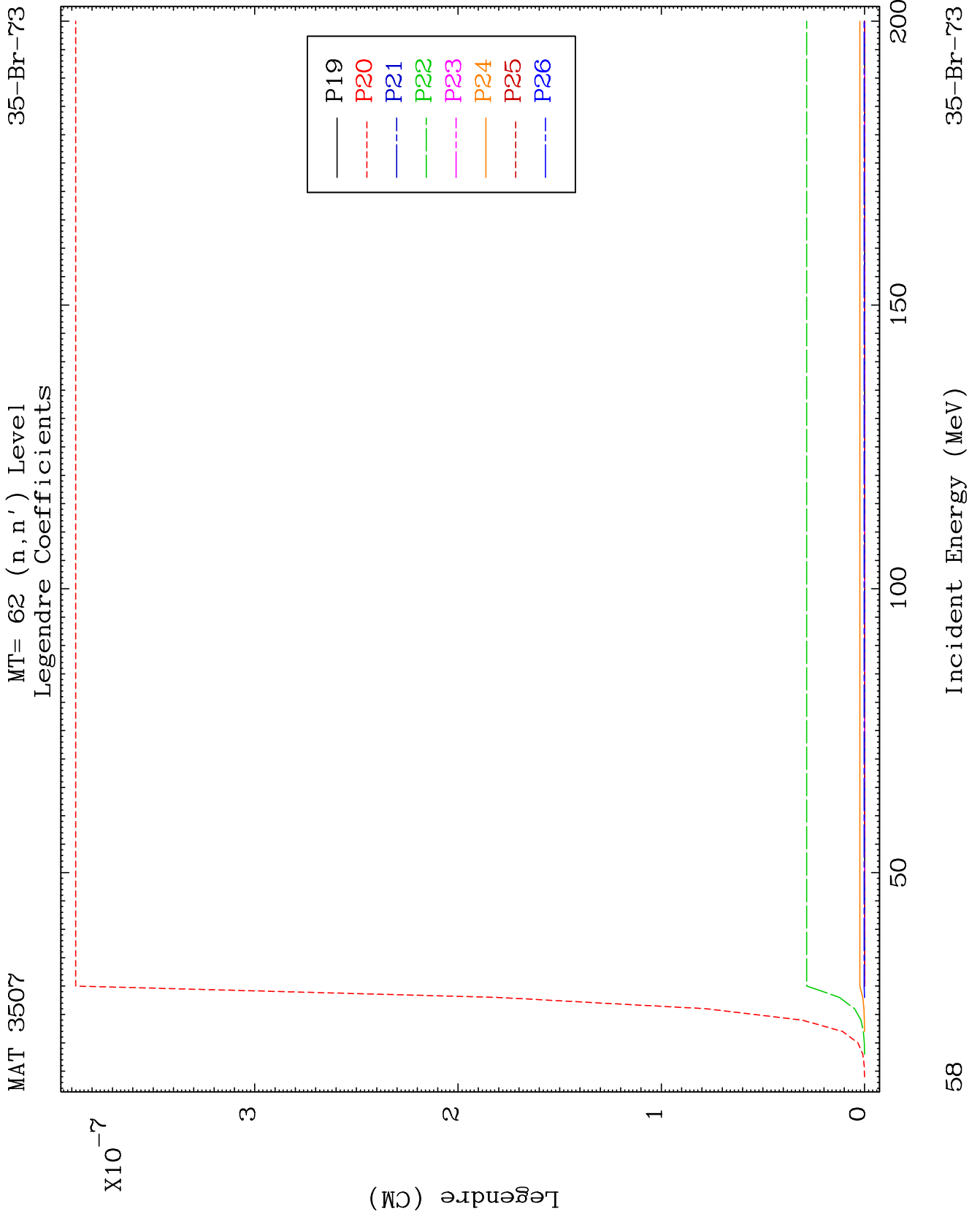
35-Br-73



57

Incident Energy (MeV)

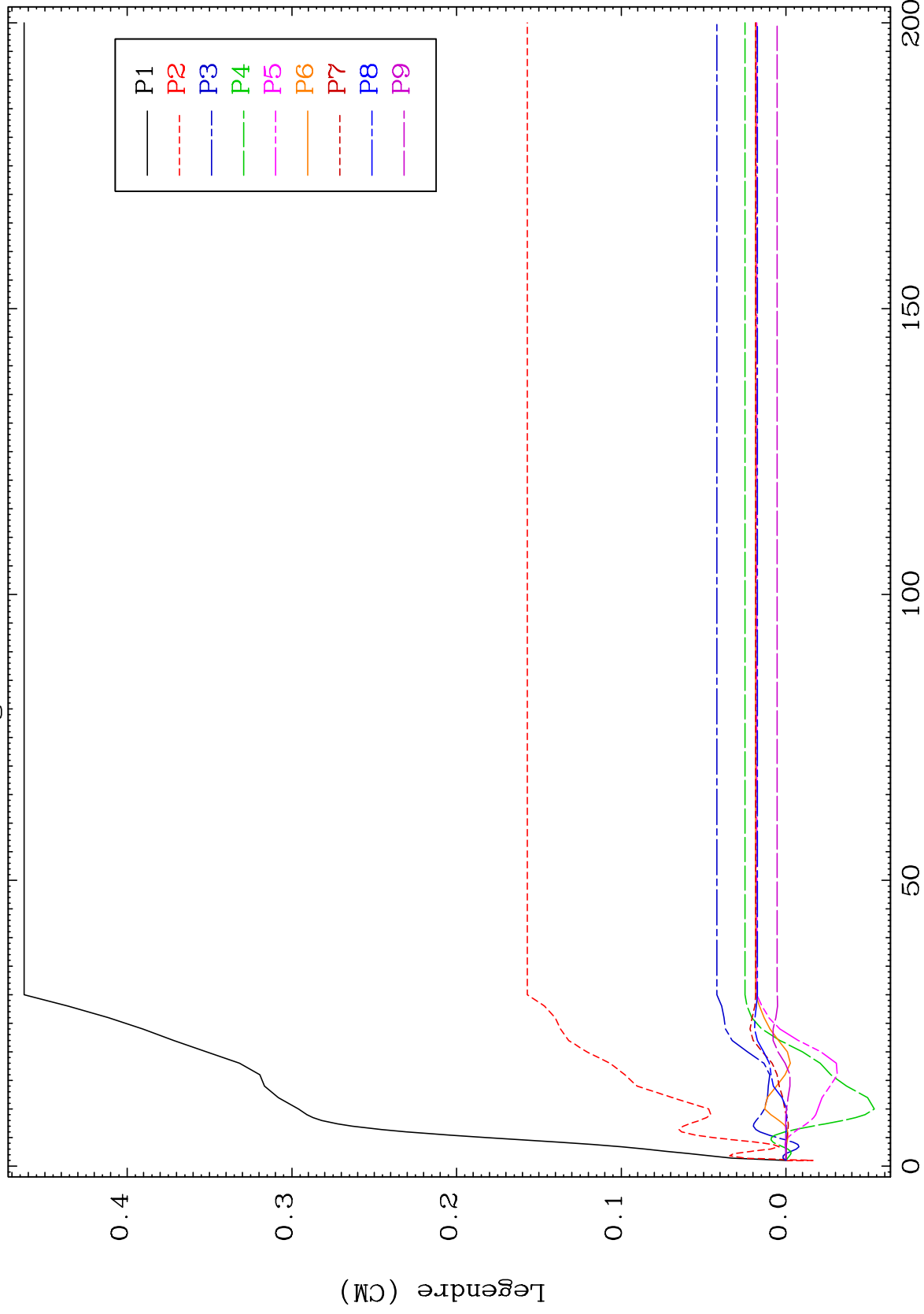
35-Br-73



MAT 3507

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

³⁵Br-73



59

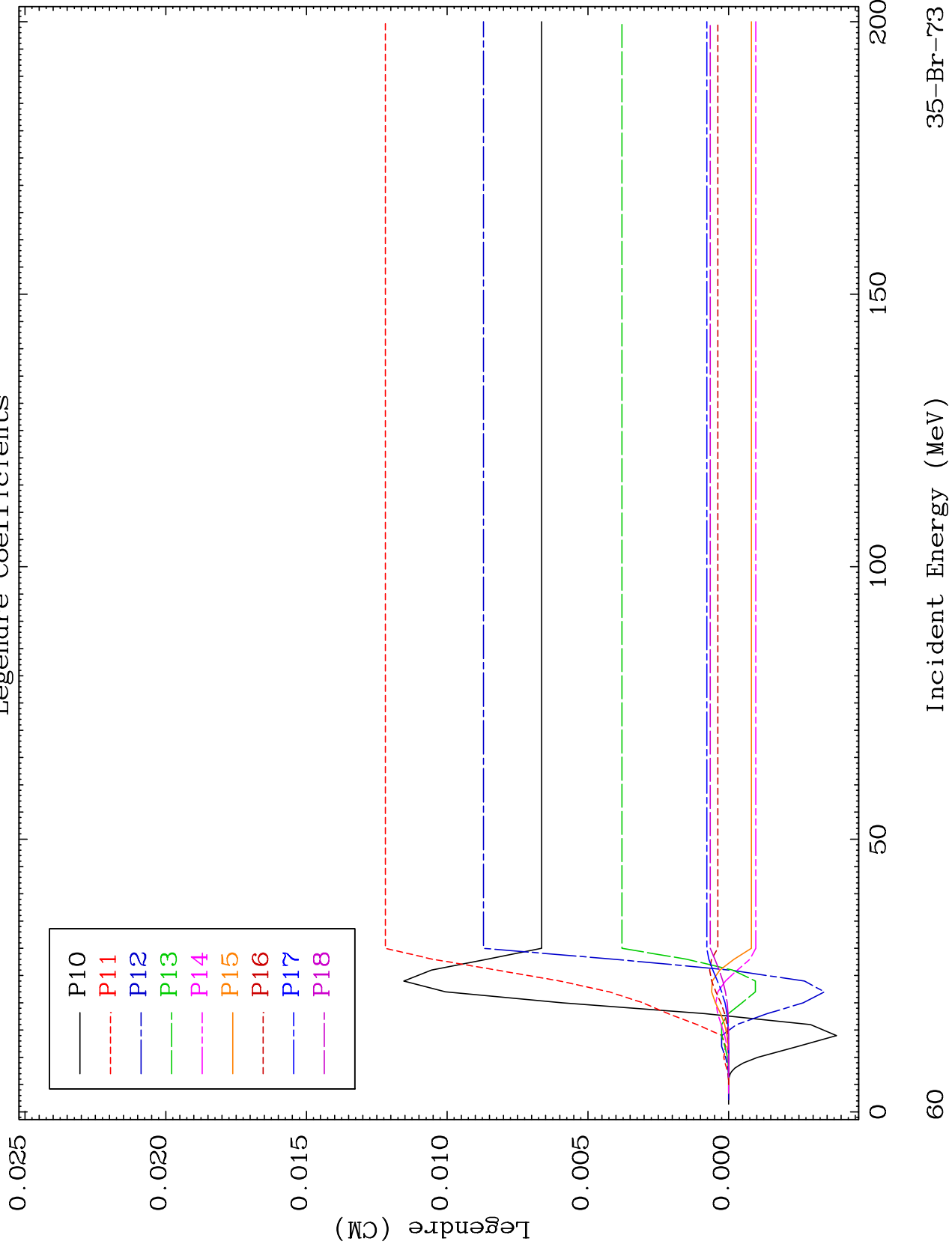
Incident Energy (MeV)

³⁵Br-73

MAT 3507

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

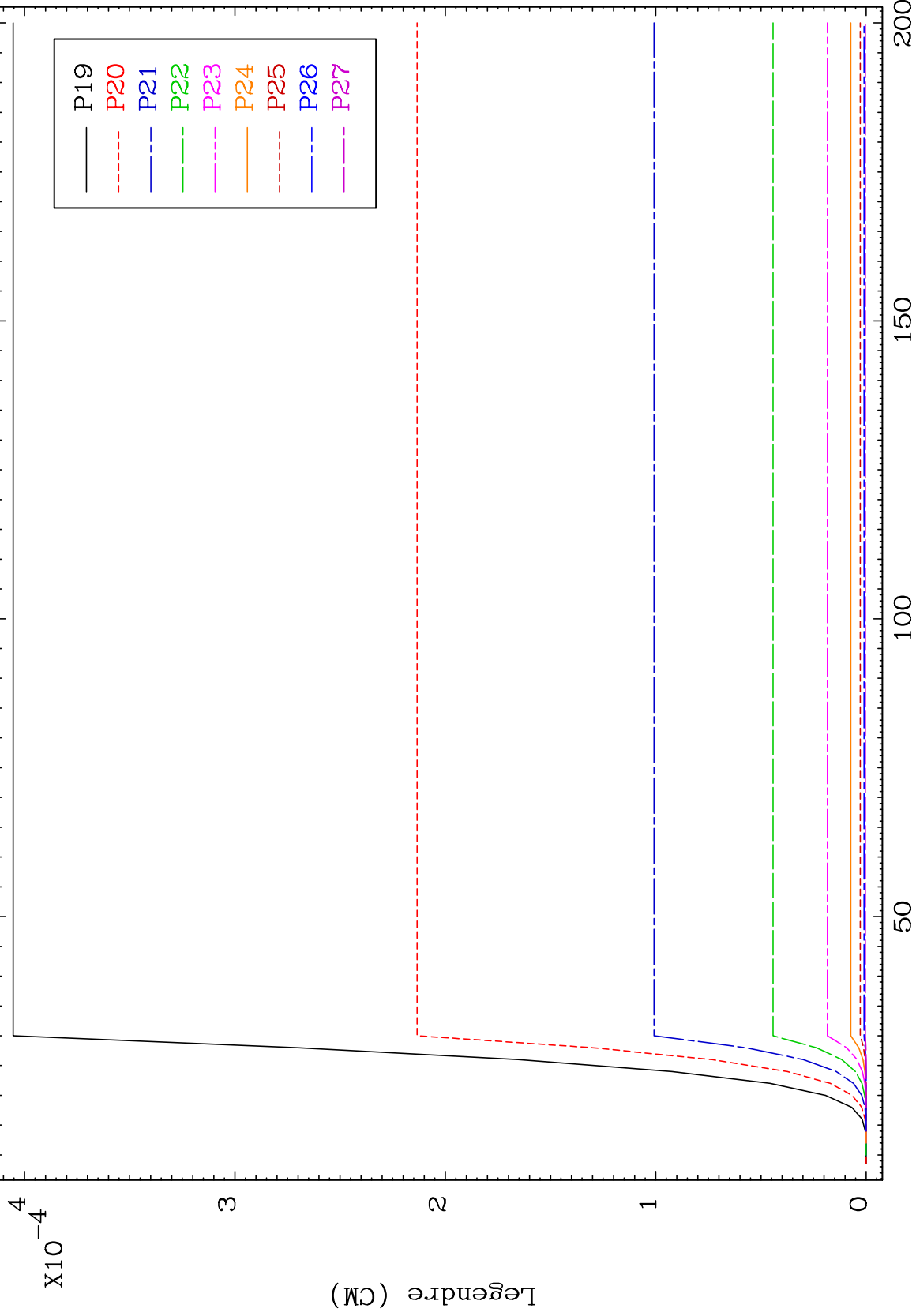
35-Br-73



MAT 3507

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

35-Br-73



61

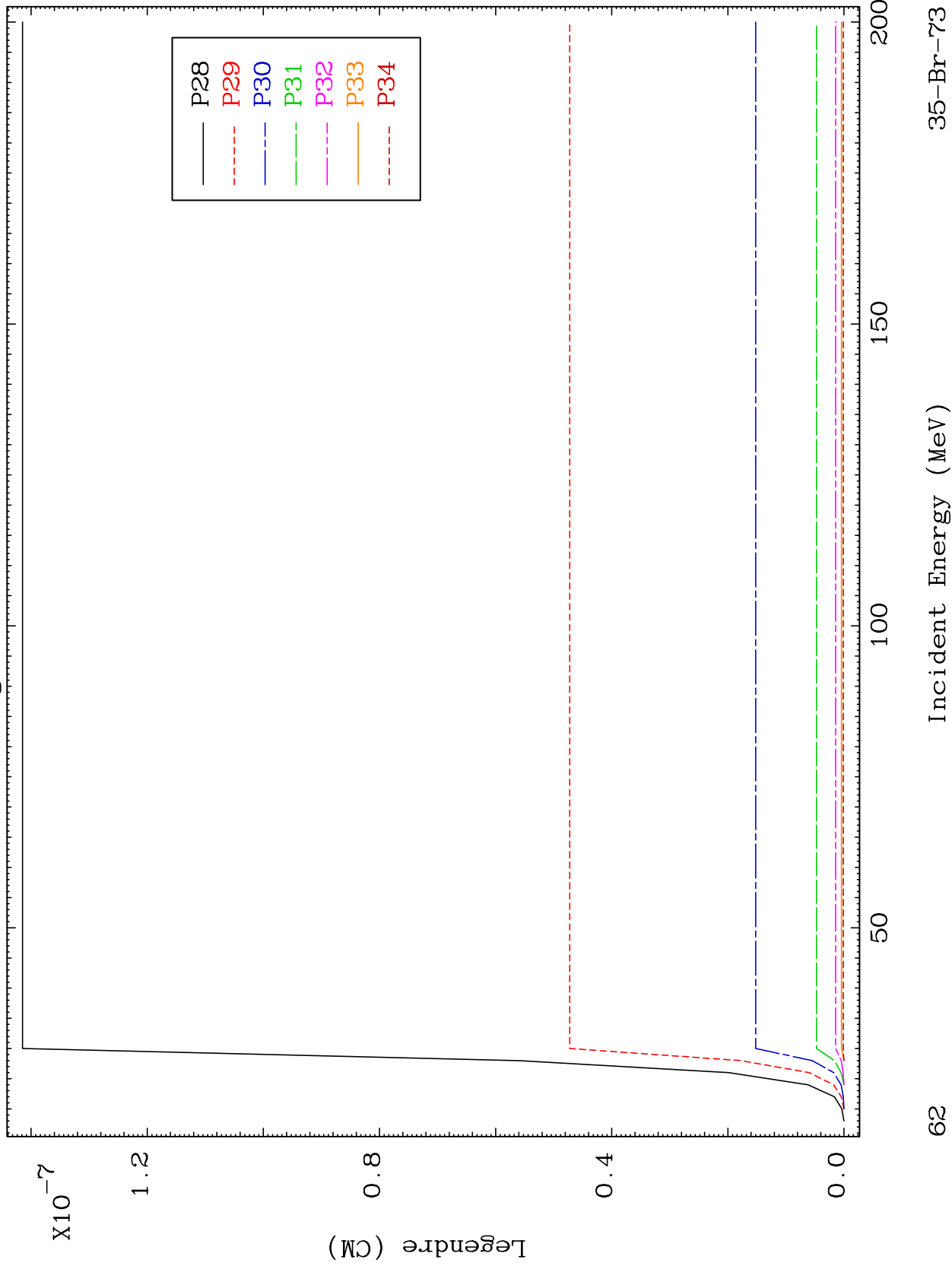
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73

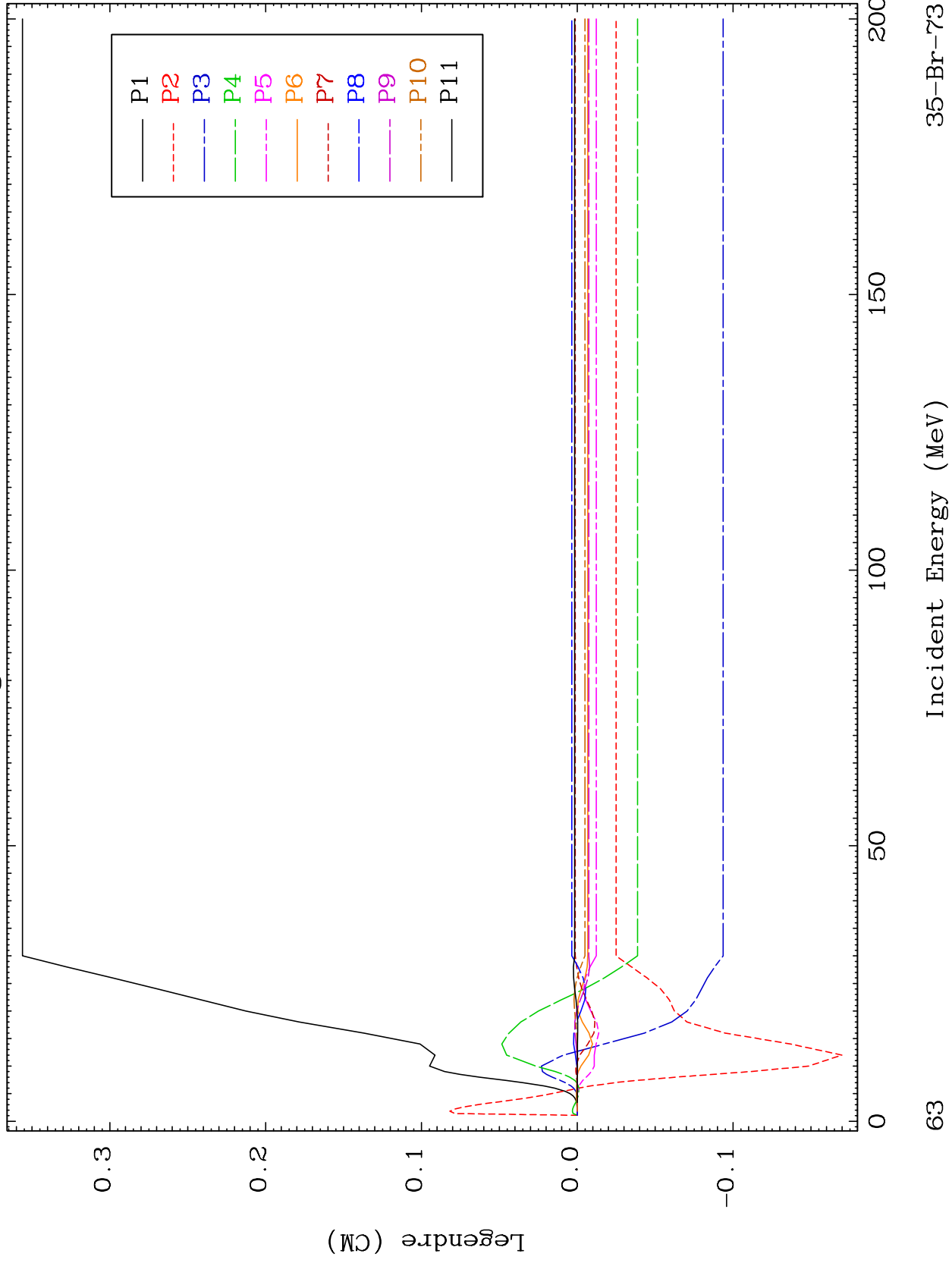


62

MAT 3507

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

35-Br-73



35-Br-73

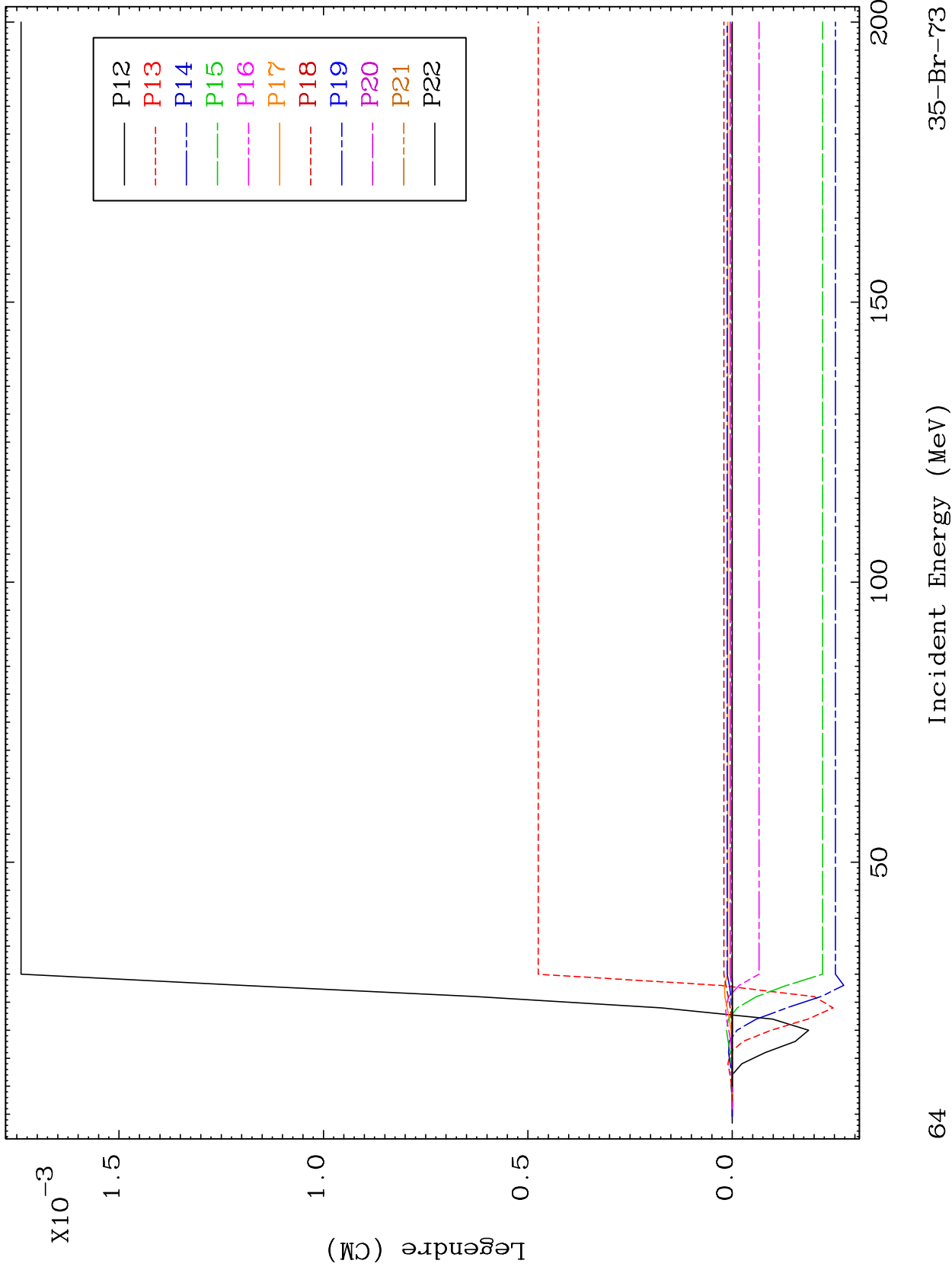
Incident Energy (MeV)

63

MAT 3507

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

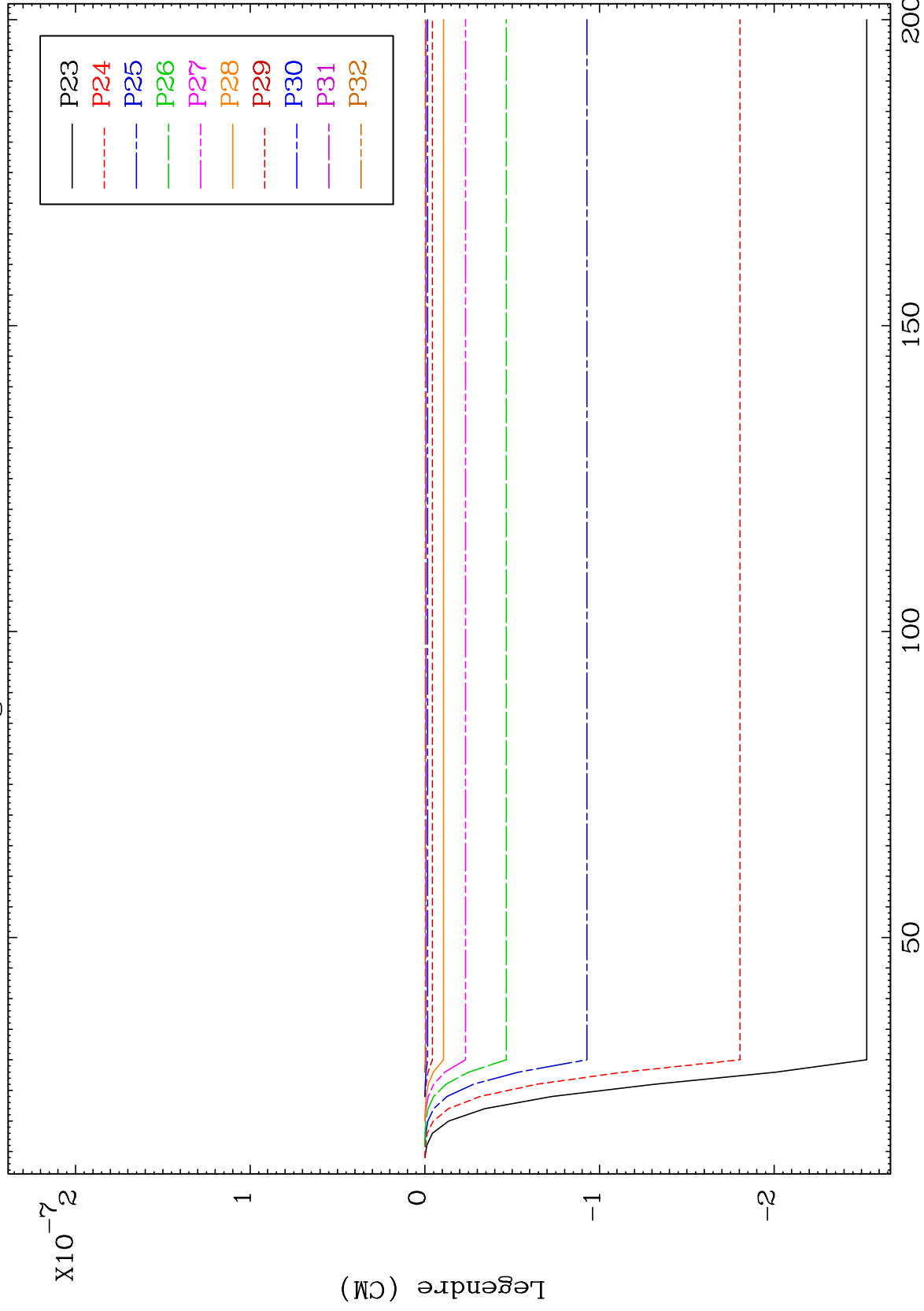
35-Br-73



MAT 3507

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

35-Br-73



65

Incident Energy (MeV)

50

100

150

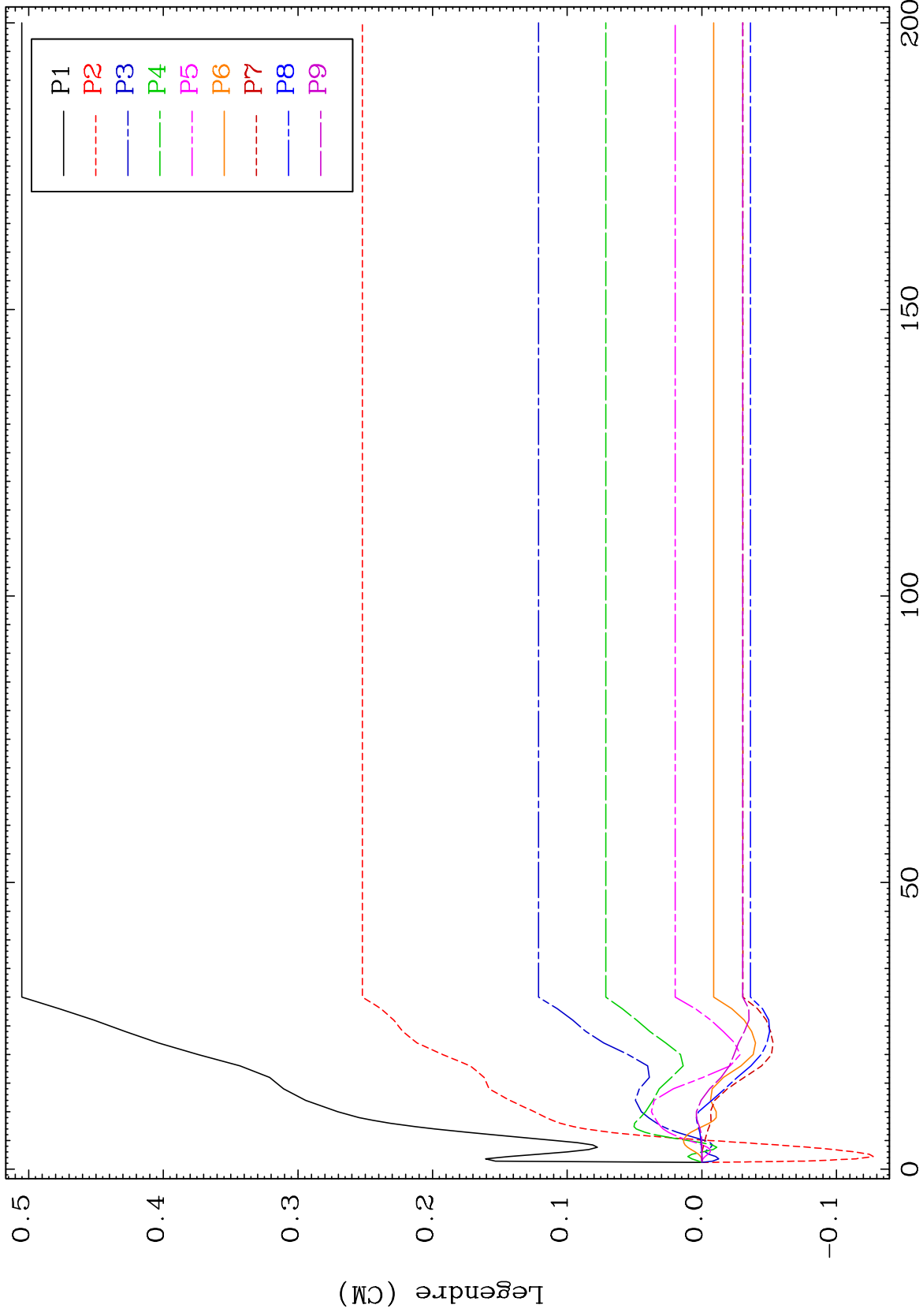
200

35-Br-73

MAT 3507

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

35-Br-73



66

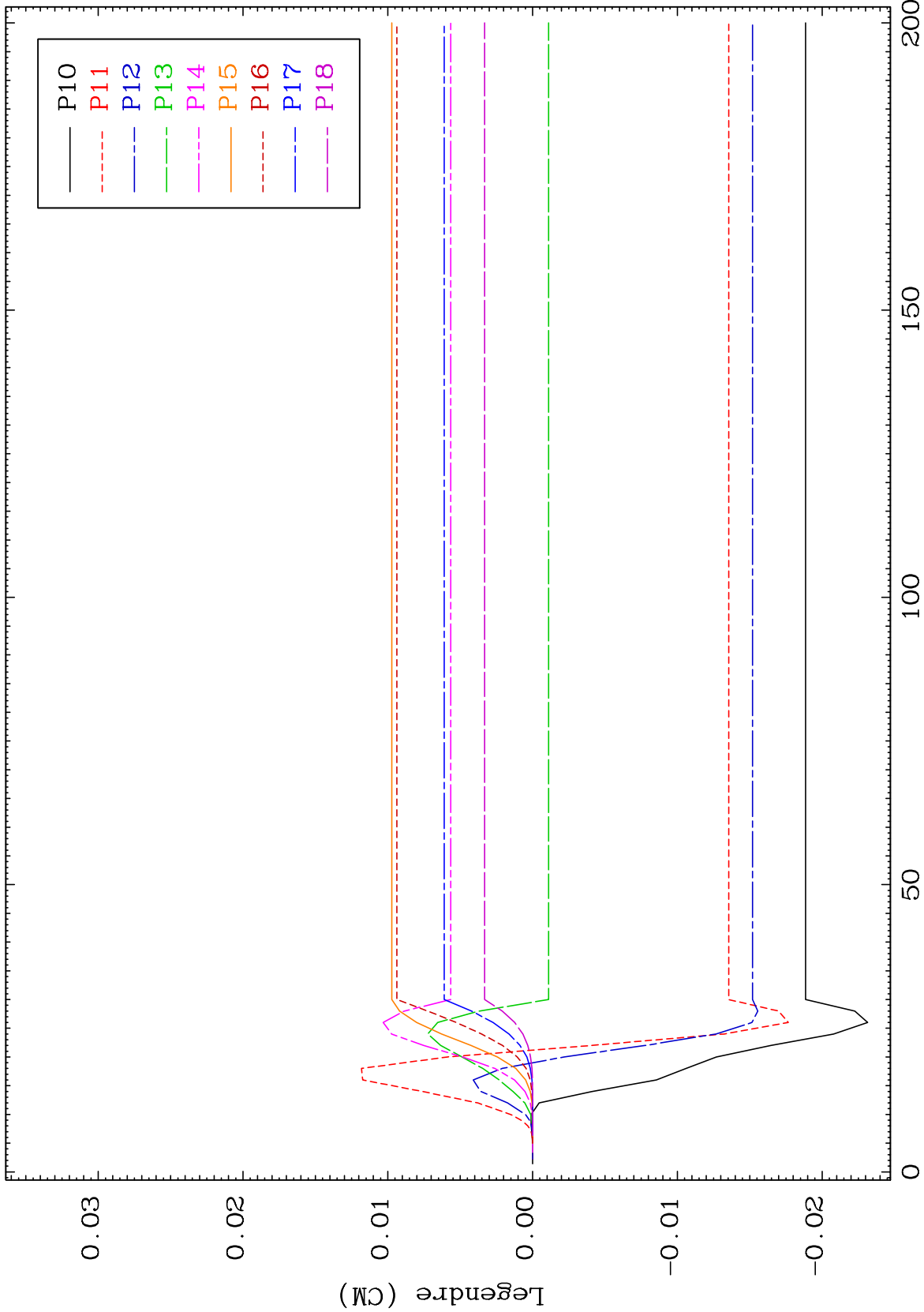
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



67

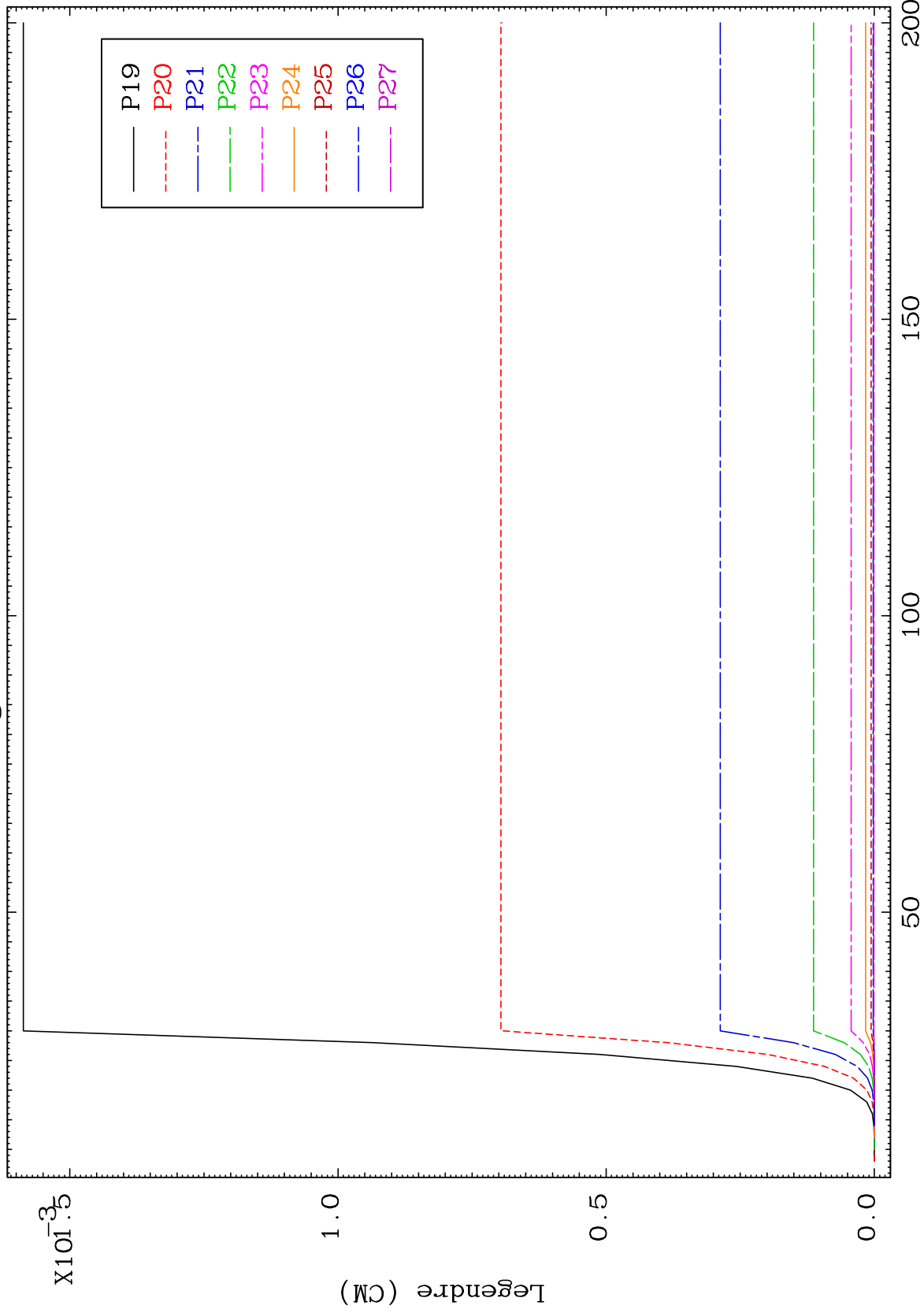
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



68

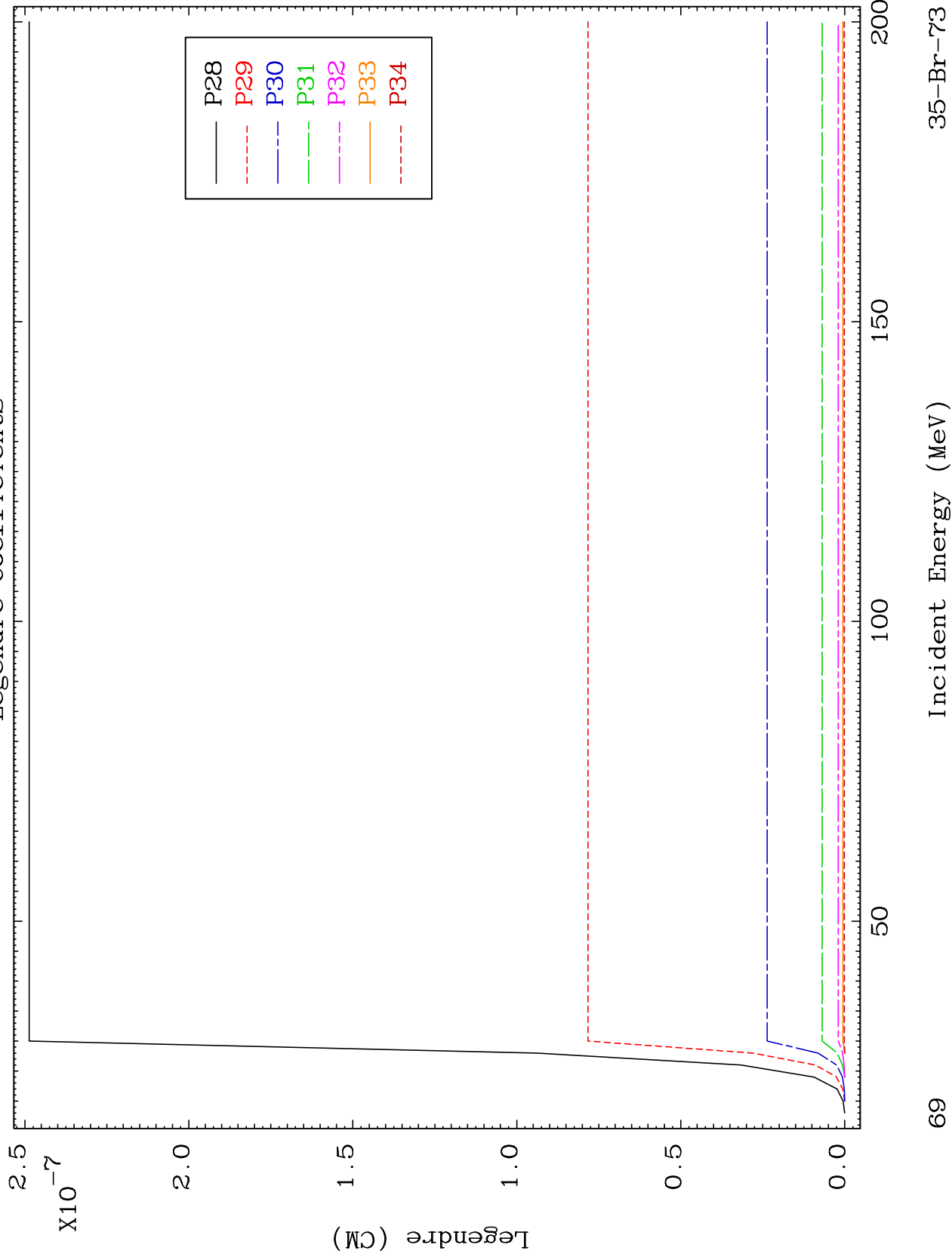
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



69

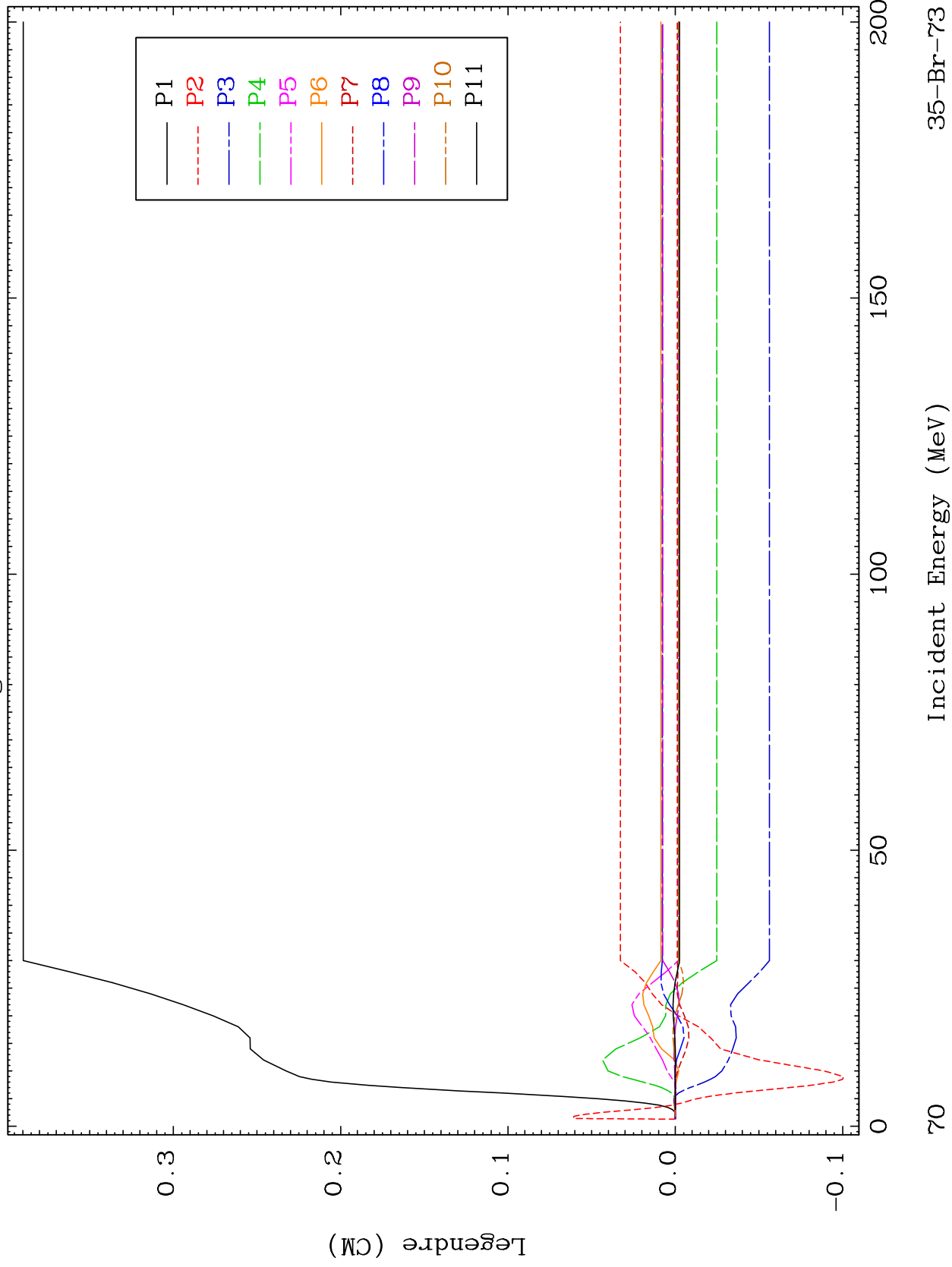
Incident Energy (MeV)

35-Br-73

MAT 3507

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

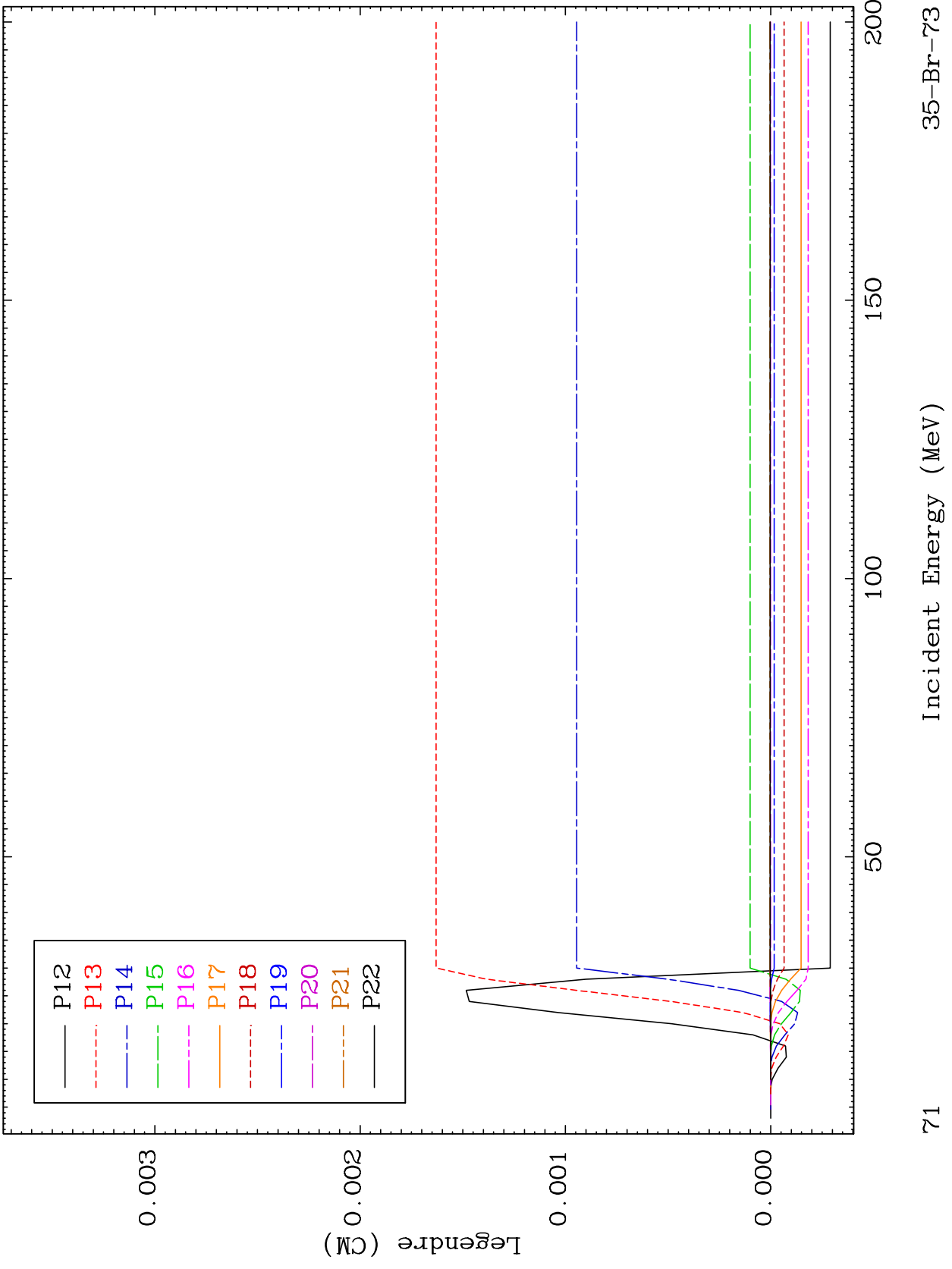
35-Br-73



35-Br-73

Incident Energy (MeV)

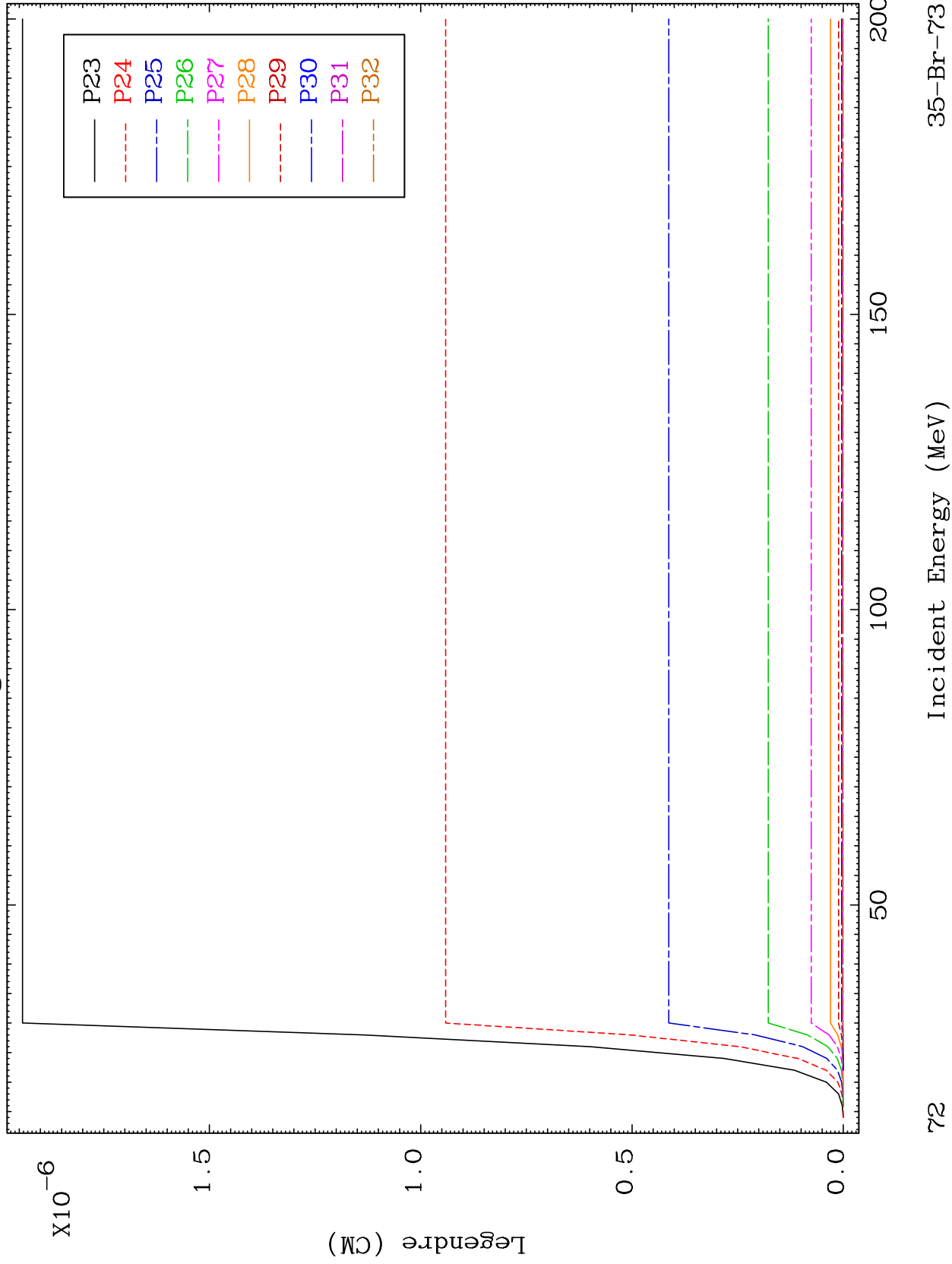
70



MAT 3507

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

35-Br-73

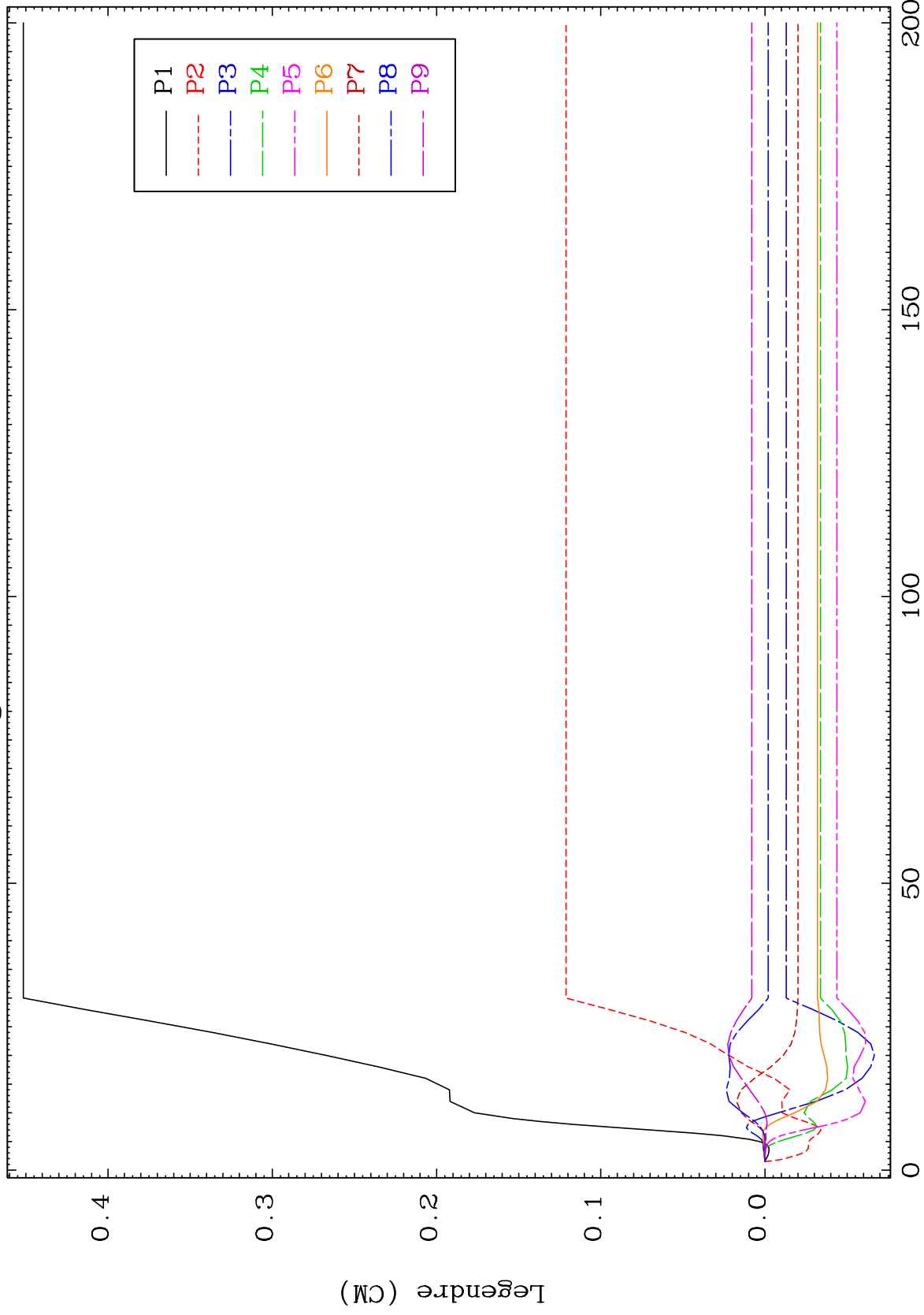


72

MAT 3507

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

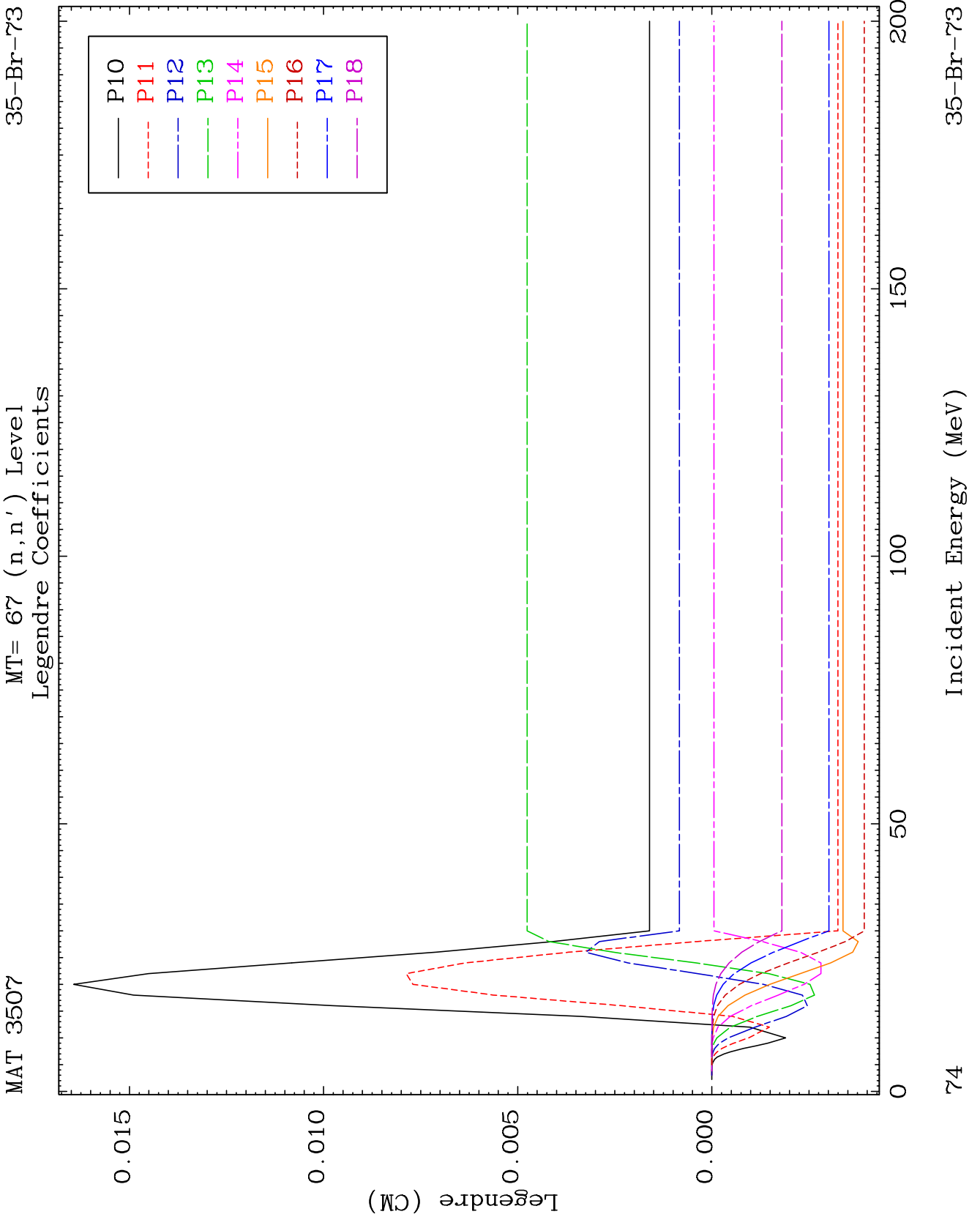
35-Br-73

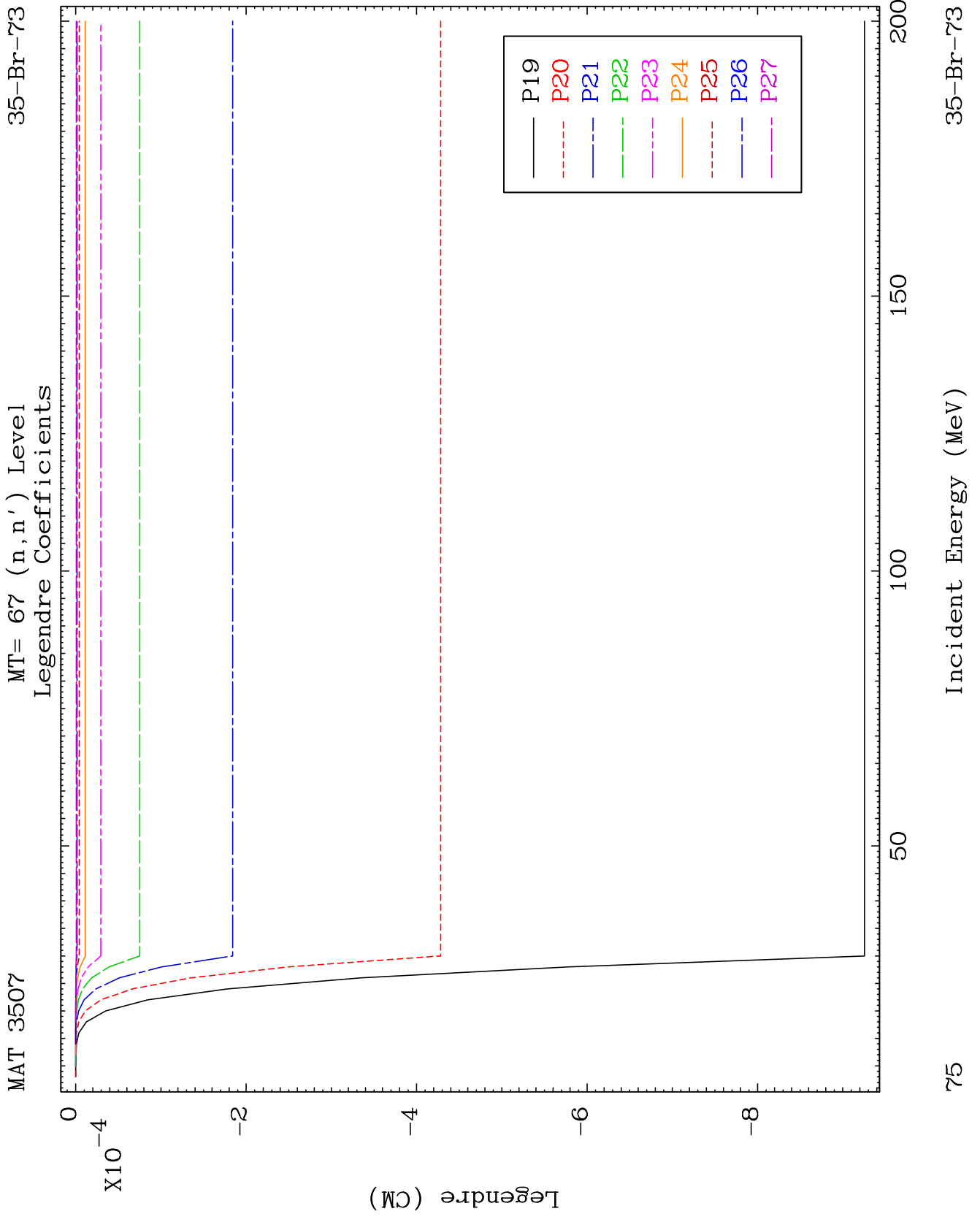


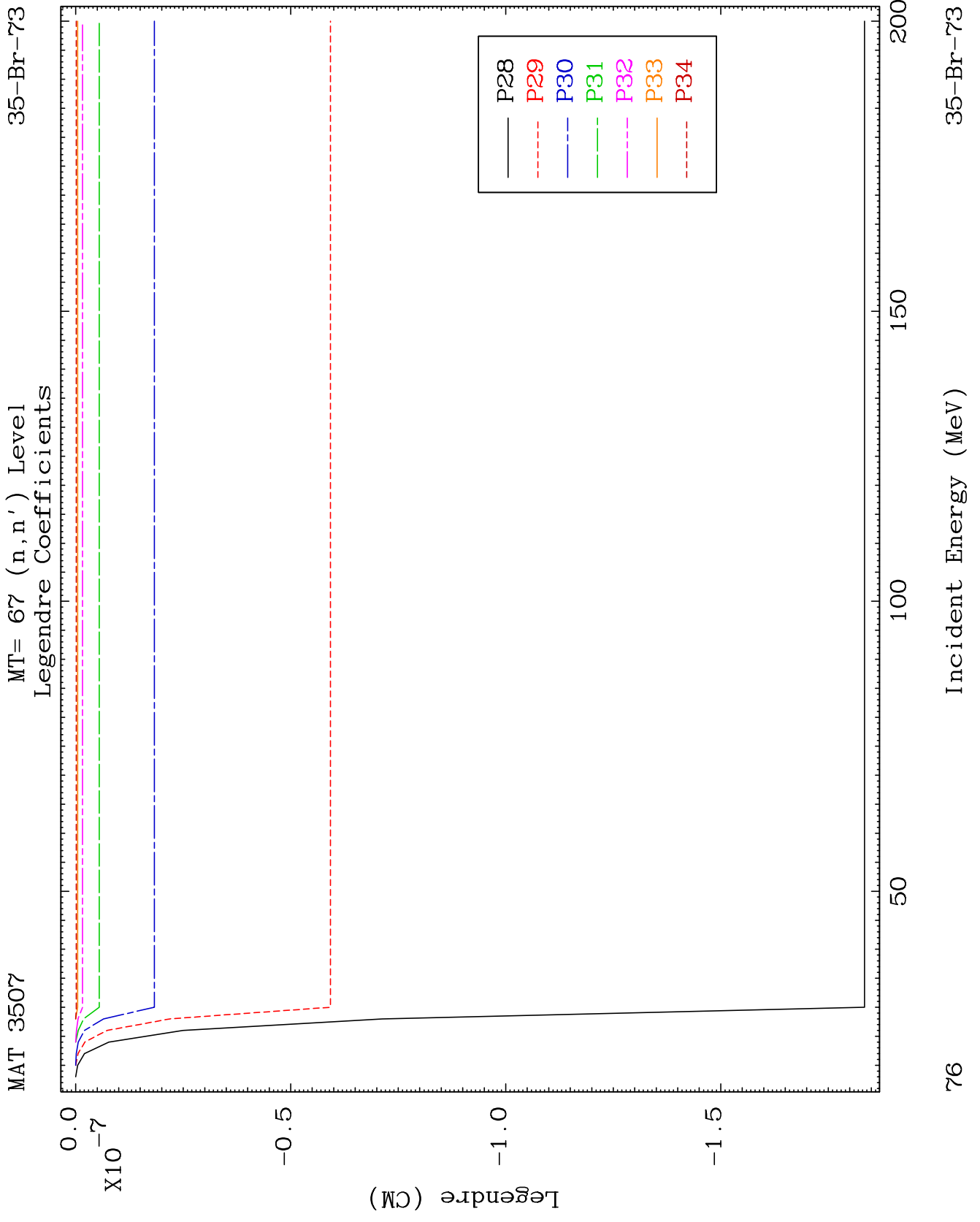
73

Incident Energy (MeV)

35-Br-73



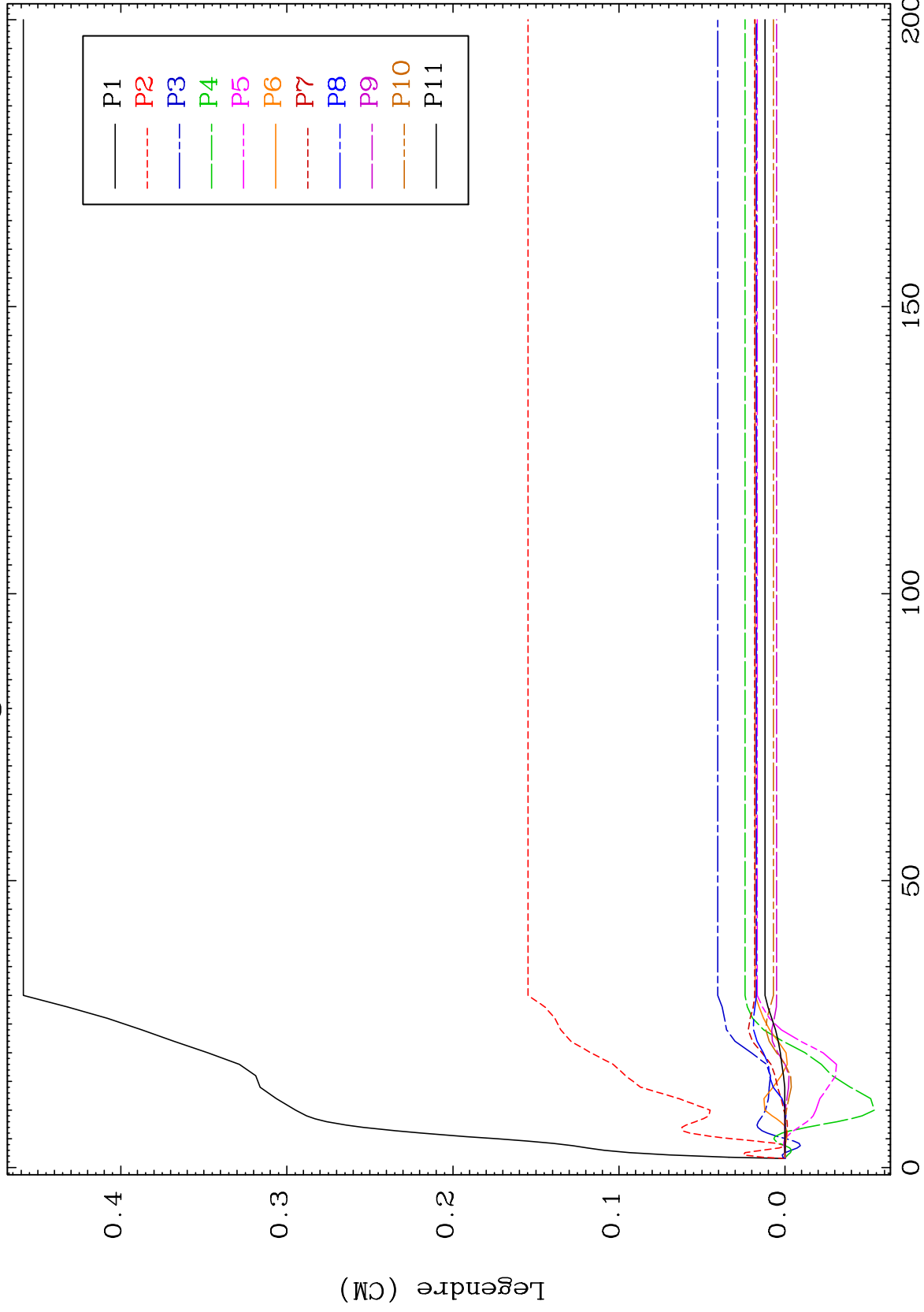




MAT 3507

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

35-Br-73



77

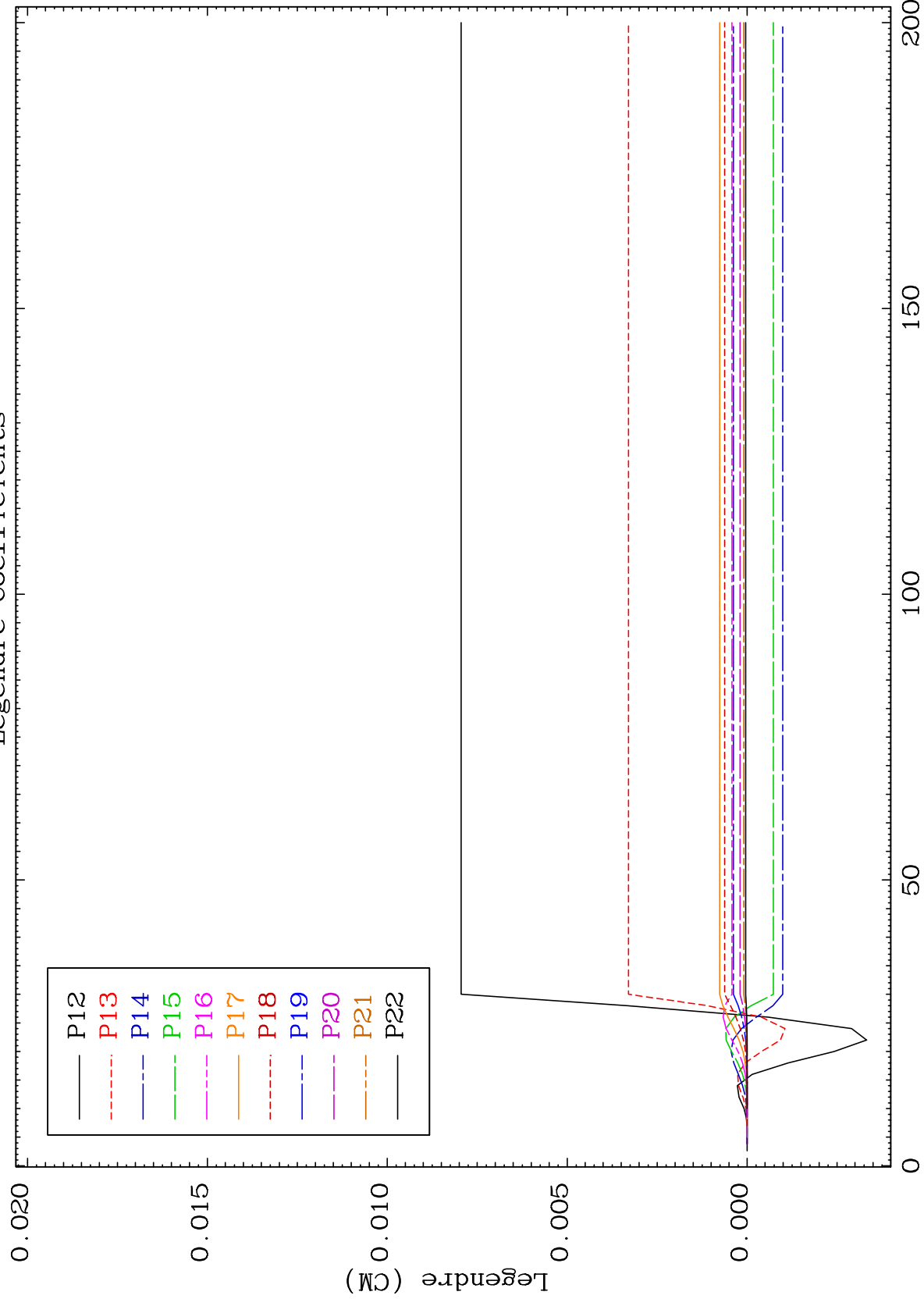
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



78

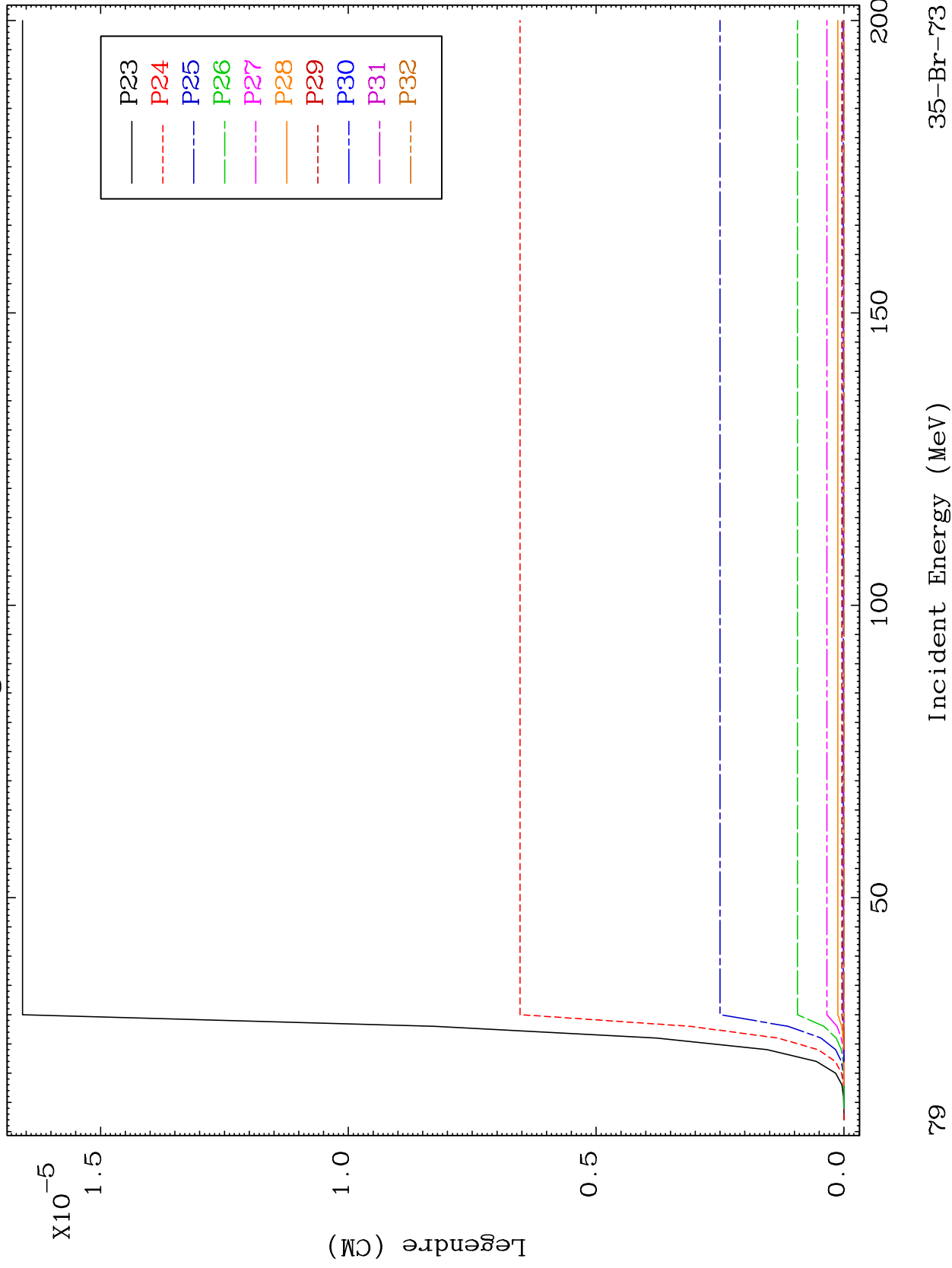
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73

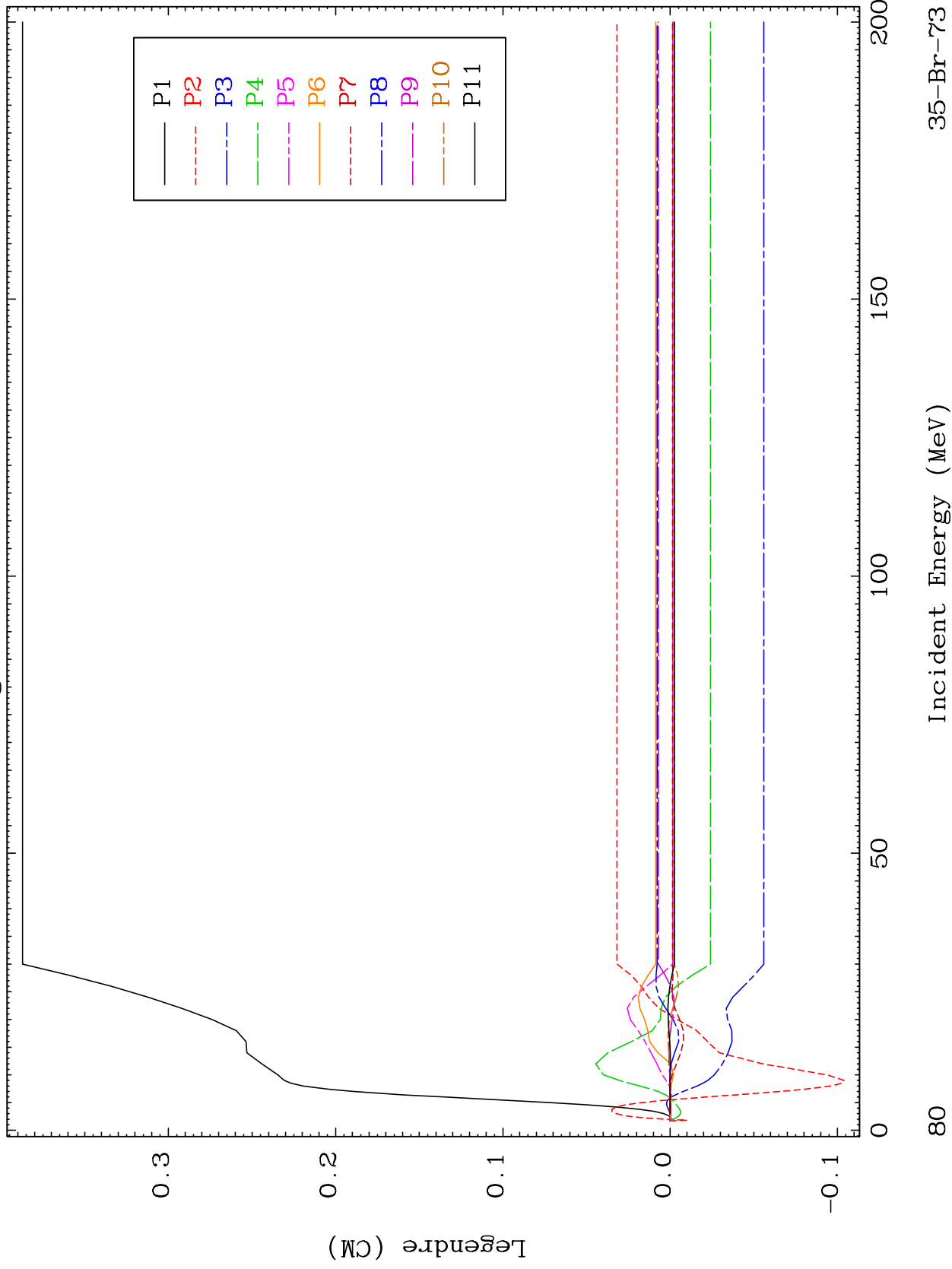


79

MAT 3507

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

35-Br-73

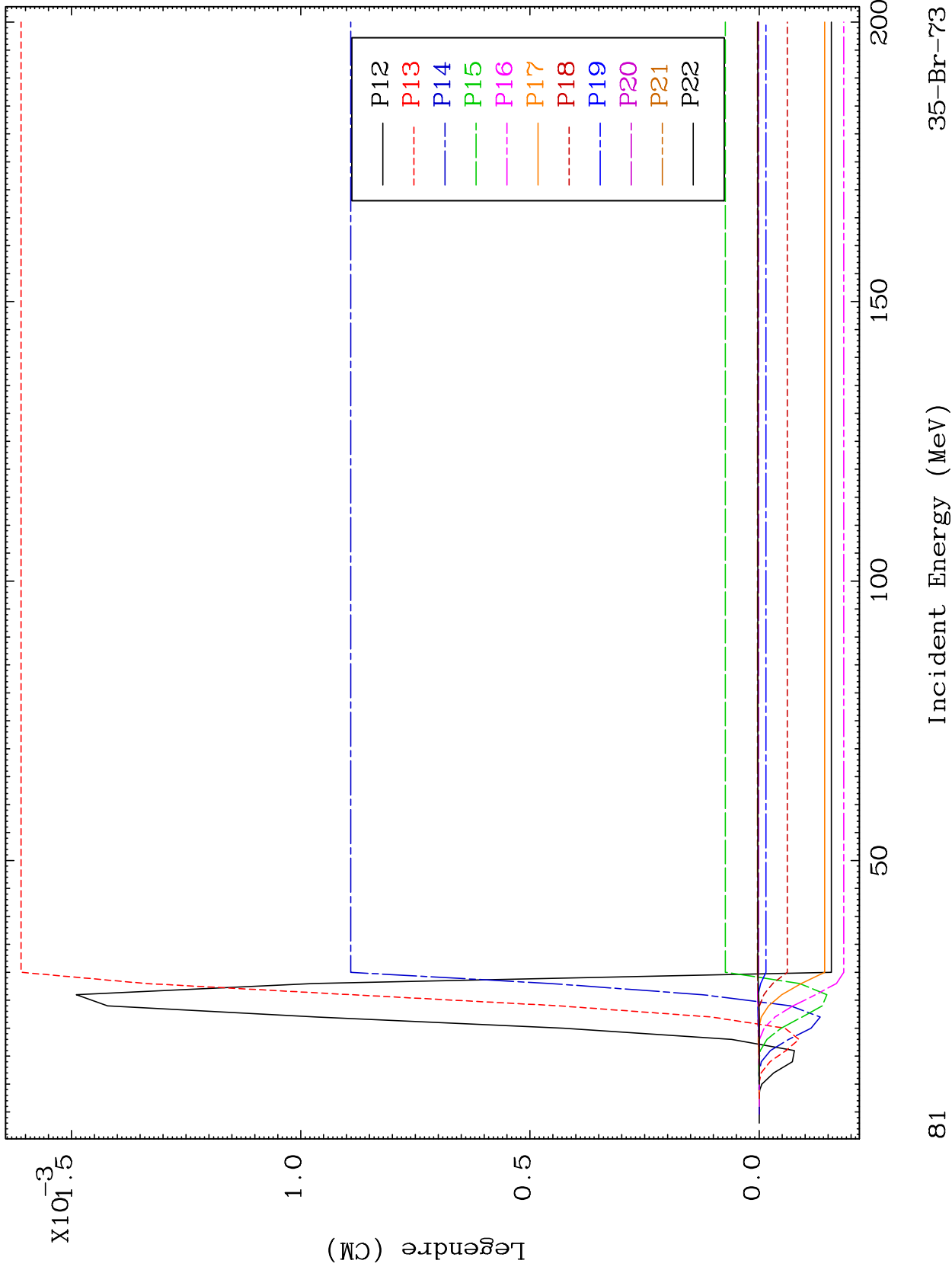


35-Br-73

MAT 3507

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

35-Br-73



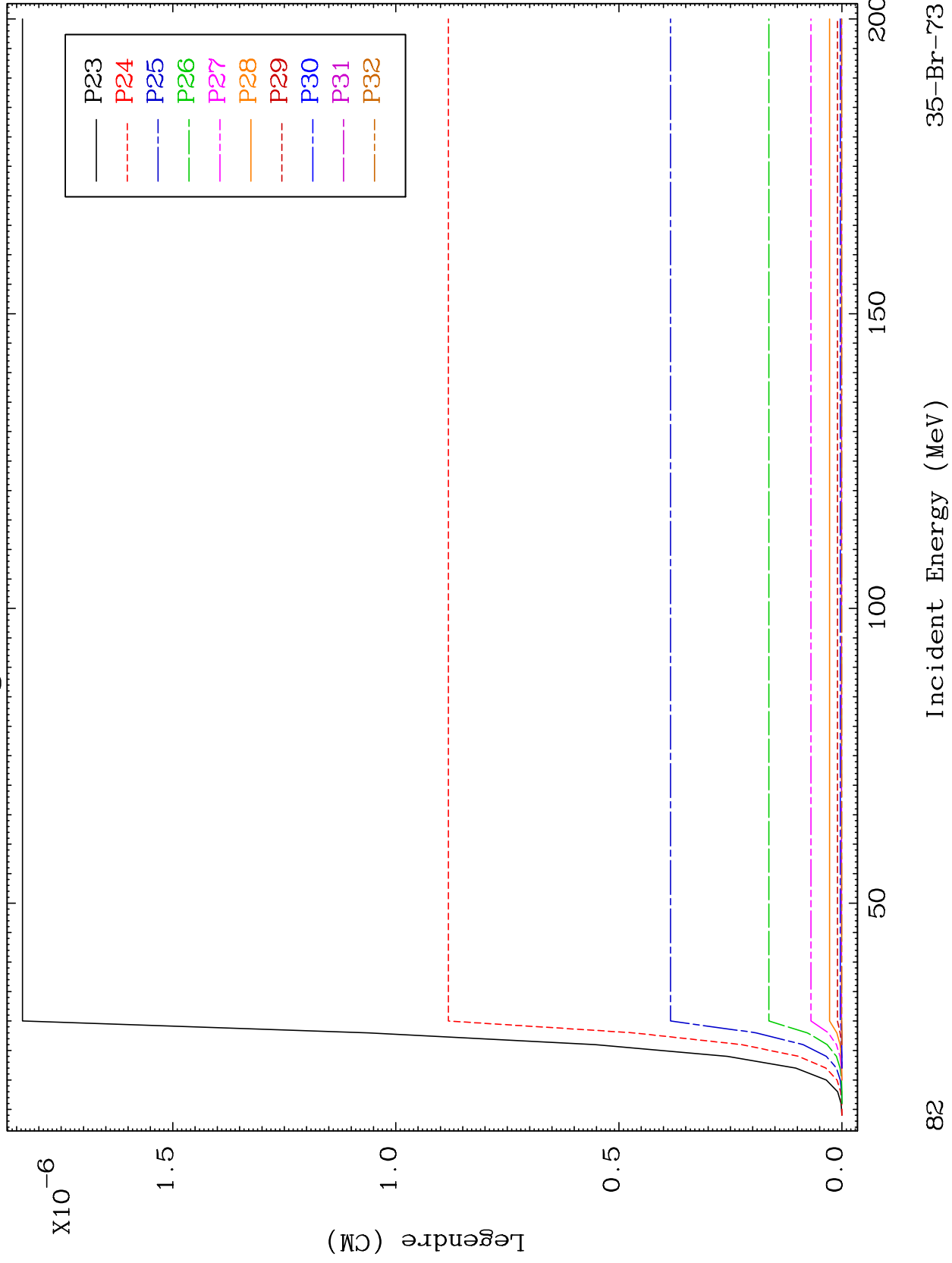
81

35-Br-73

MAT 3507

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

35-Br-73

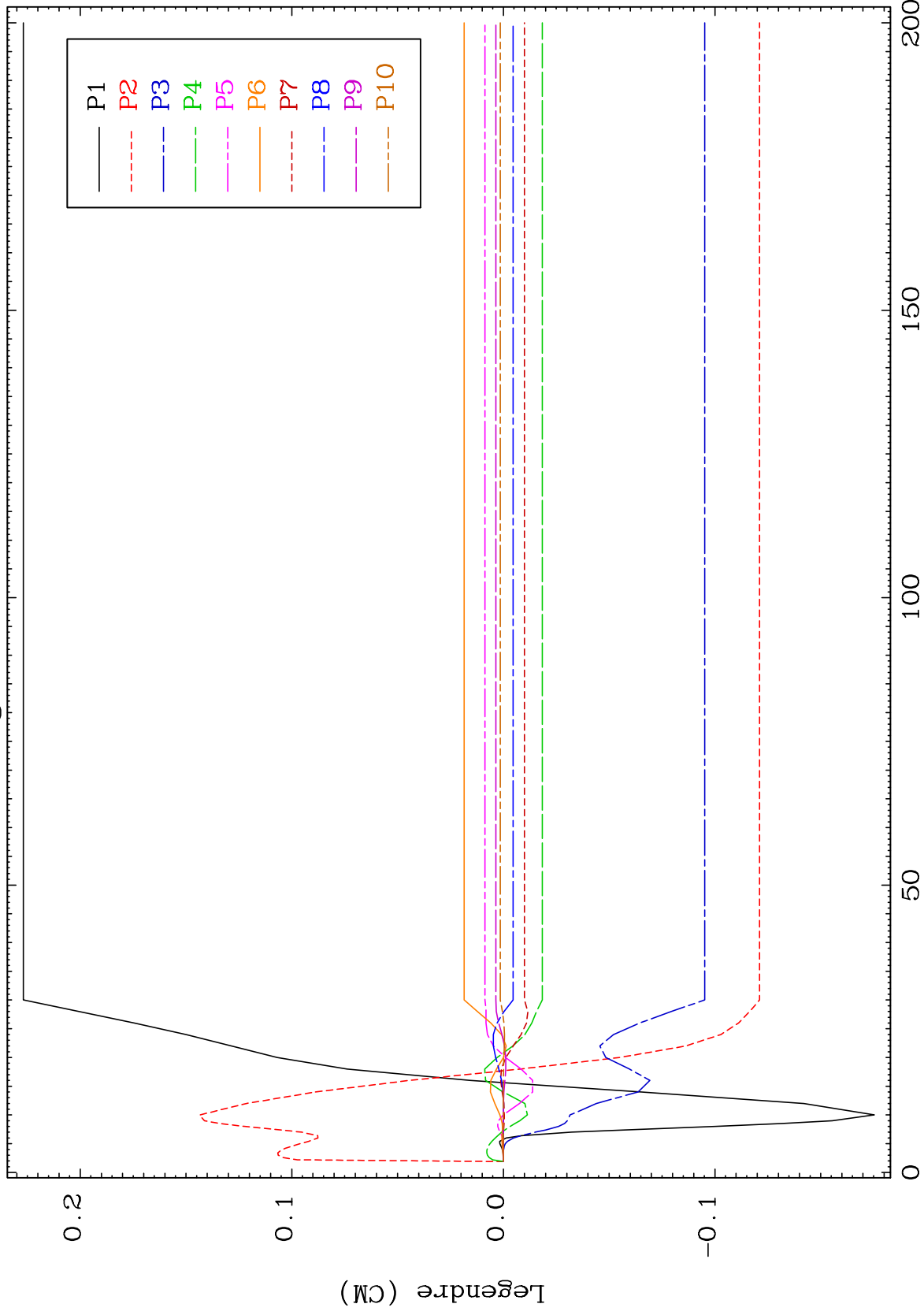


82

MAT 3507

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

35-Br-73



83

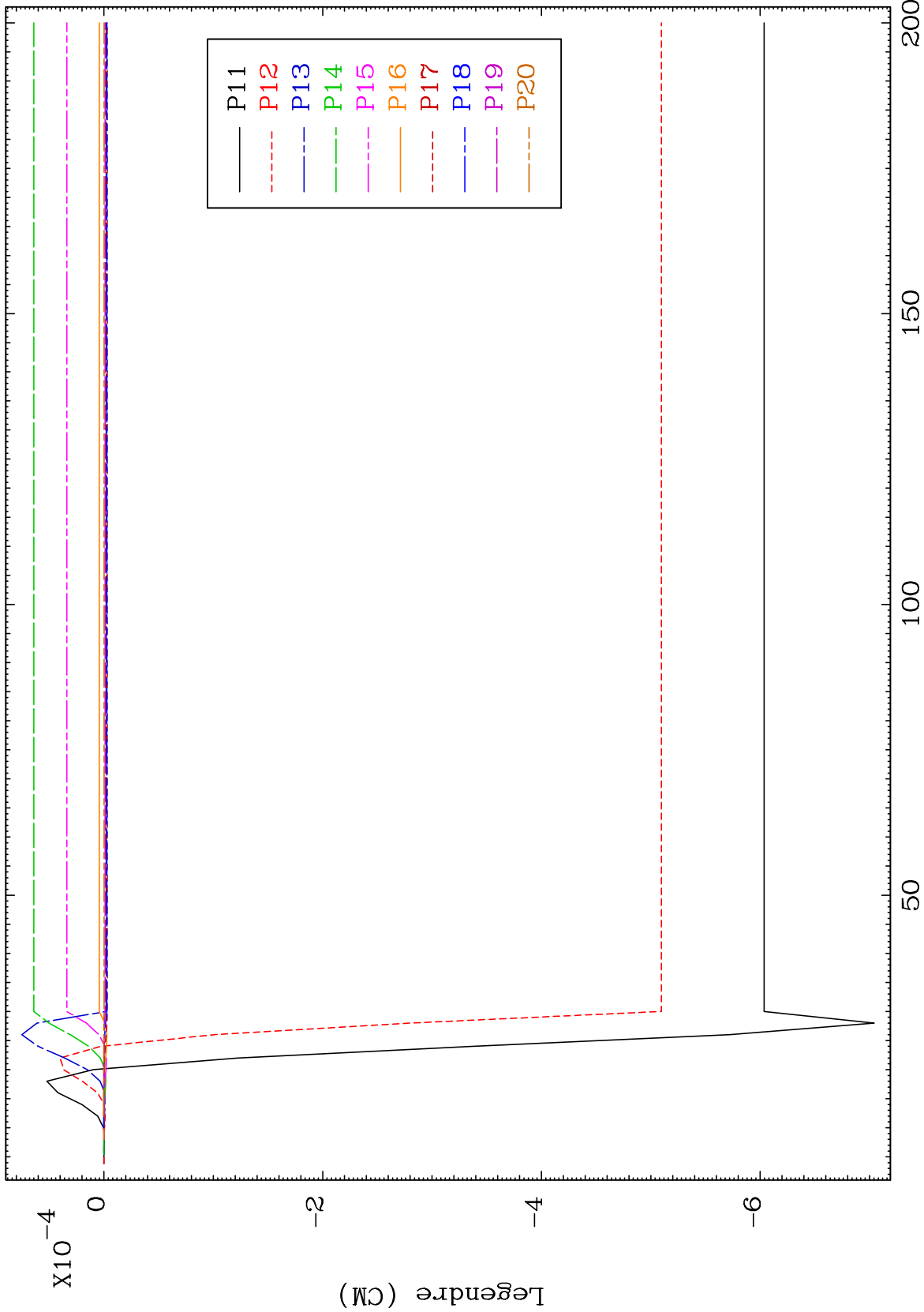
Incident Energy (MeV)

35-Br-73

MAT 3507

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

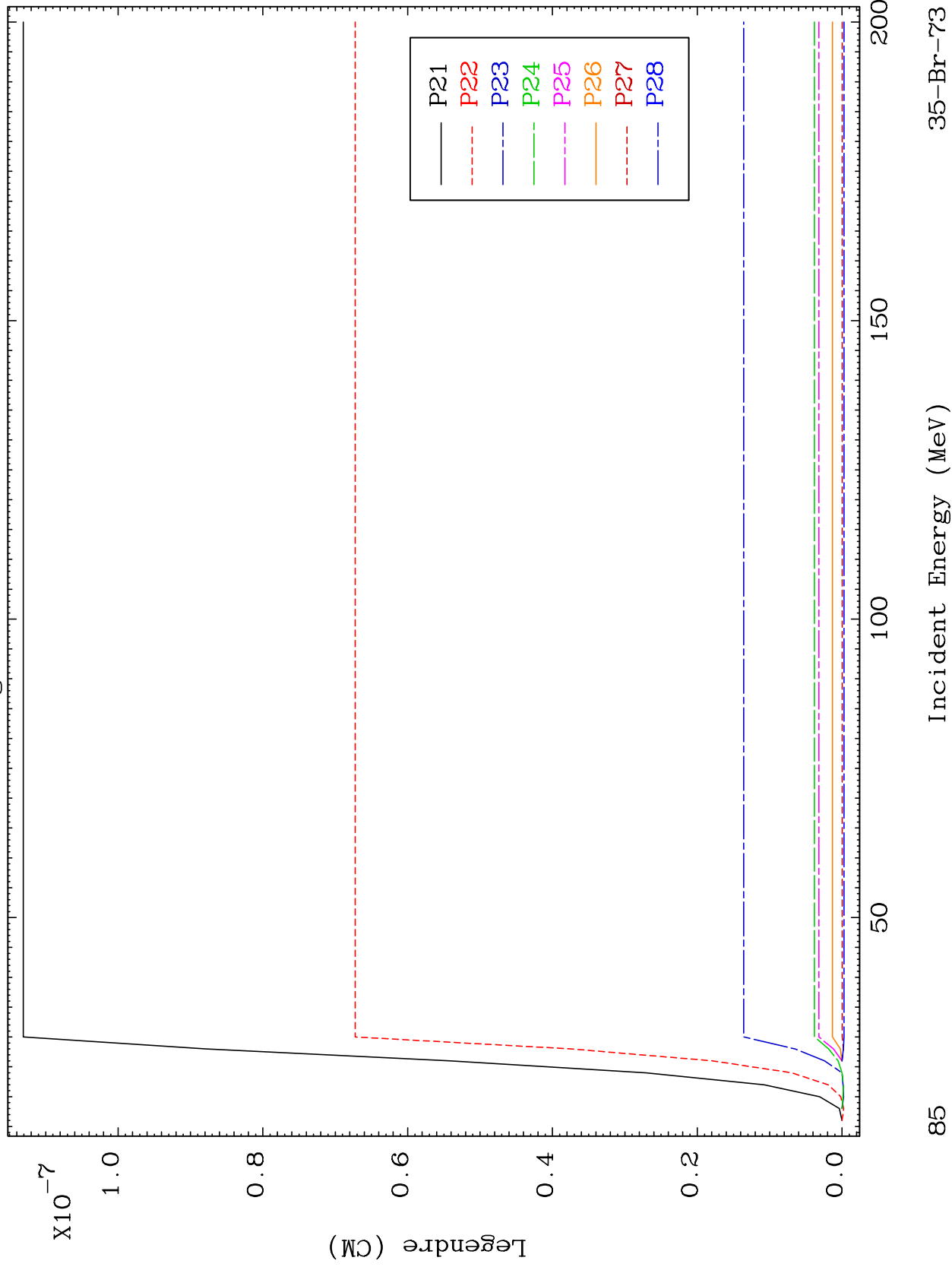
35-Br-73



MAT 3507

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

35-Br-73



85

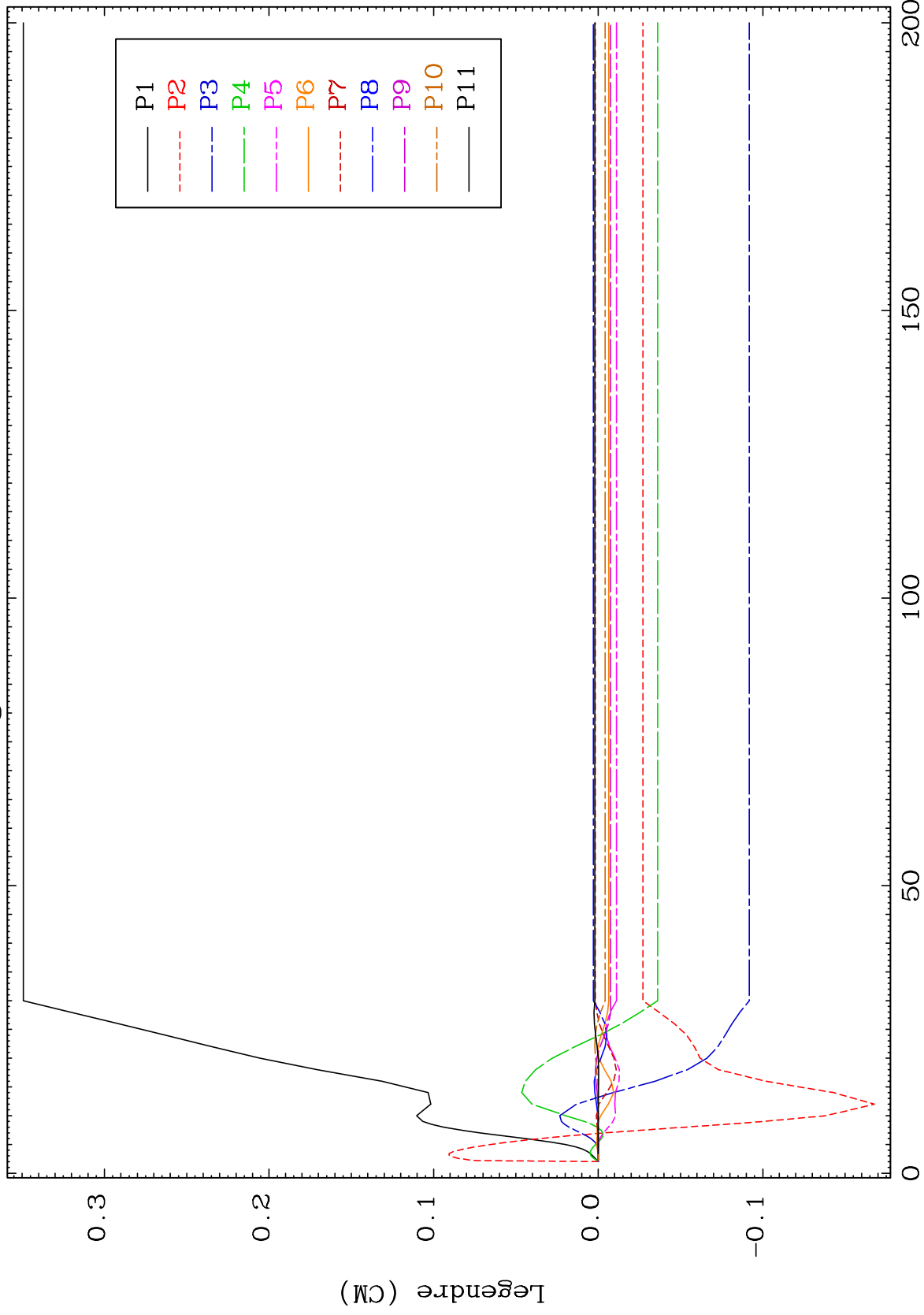
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



86

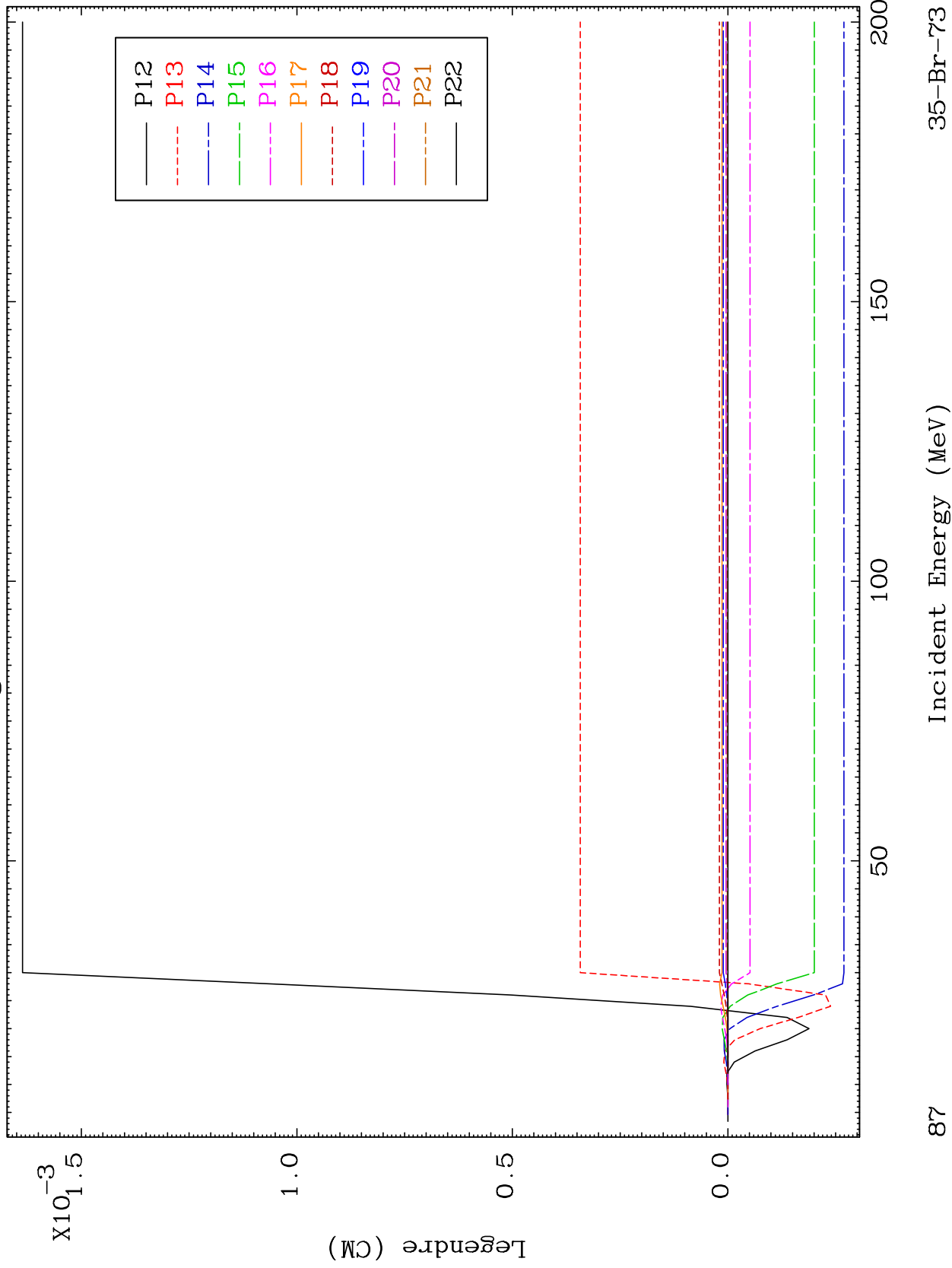
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



87

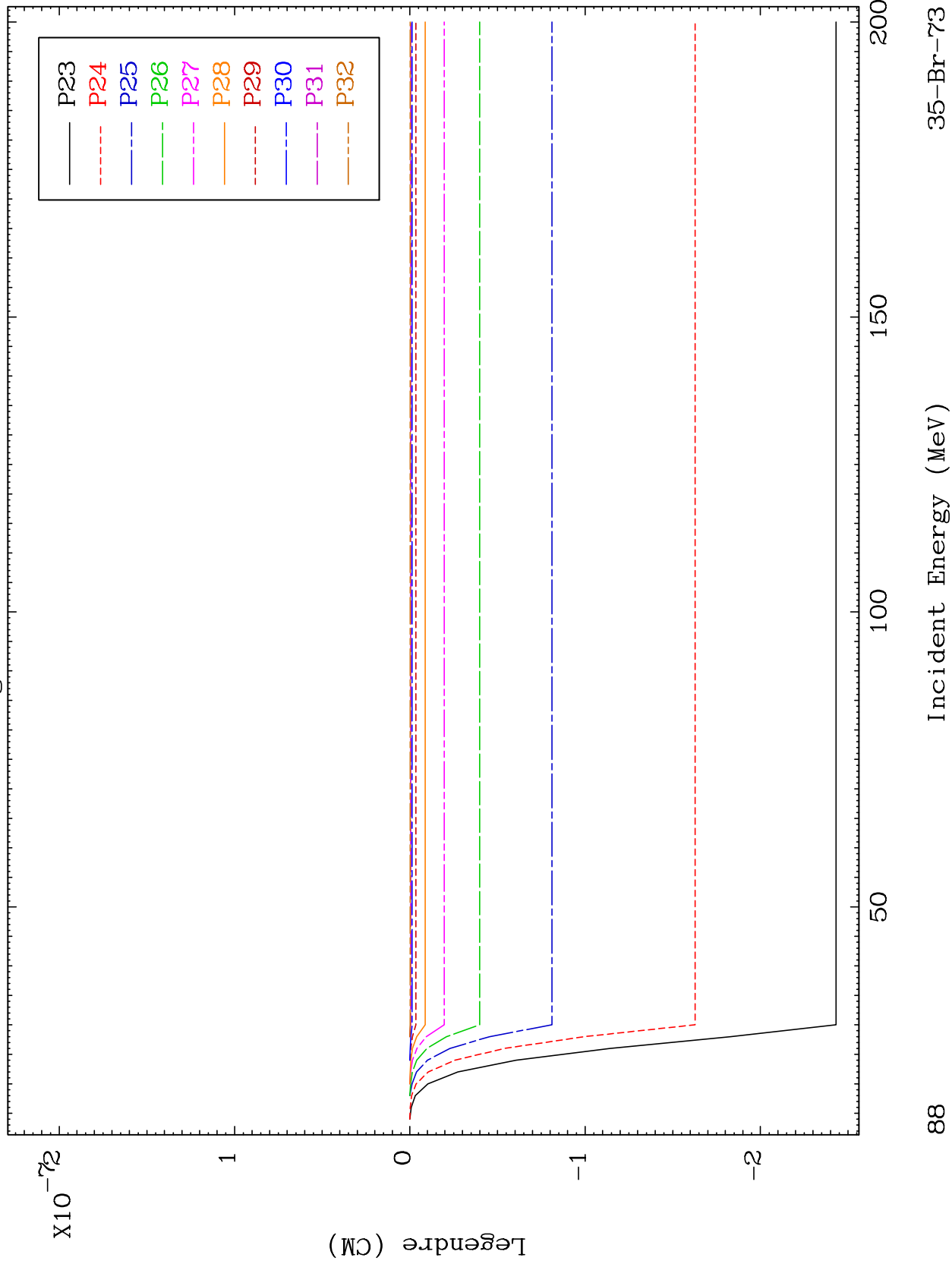
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



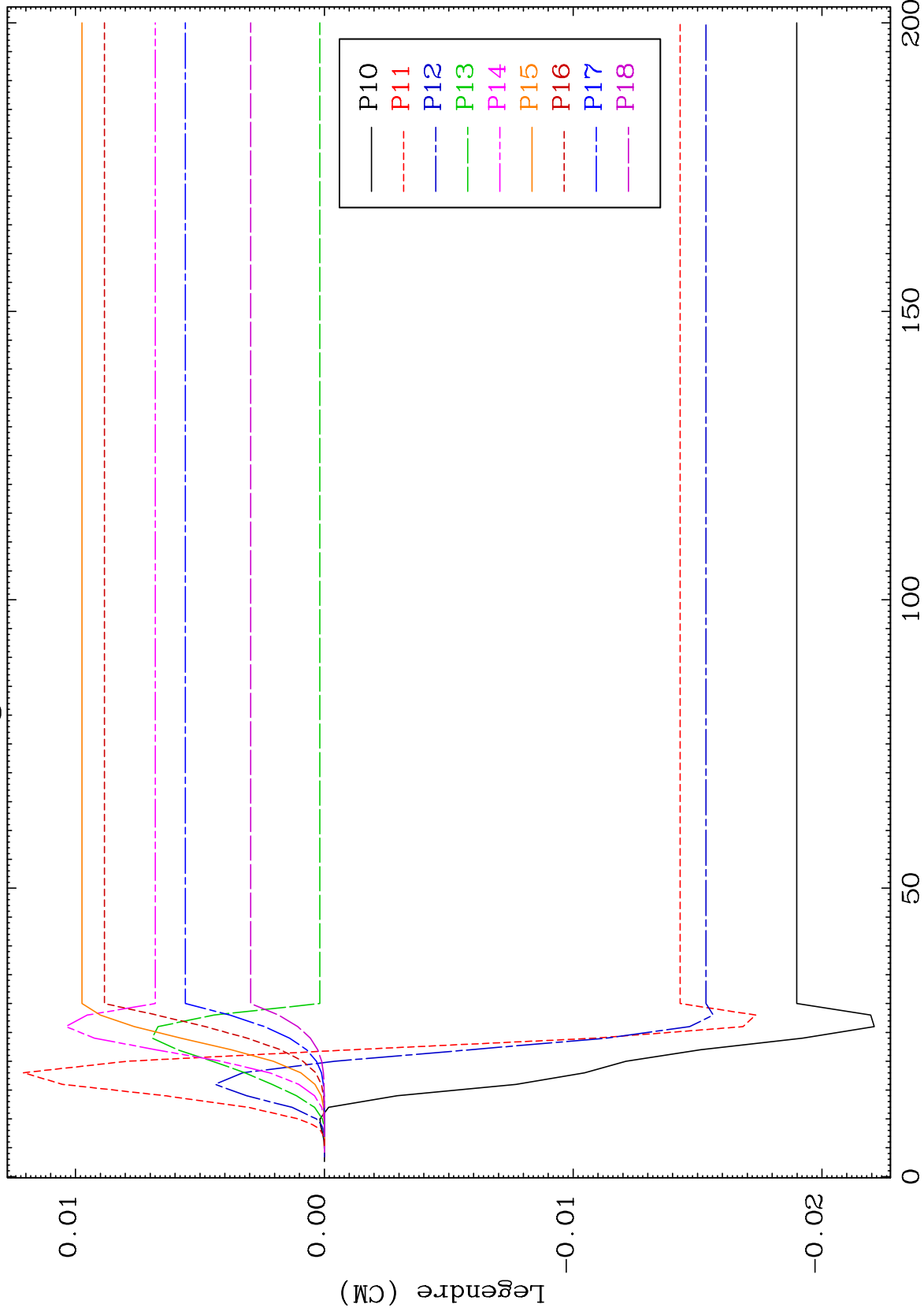
88

35-Br-73

MAT 3507

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

35-Br-73



90

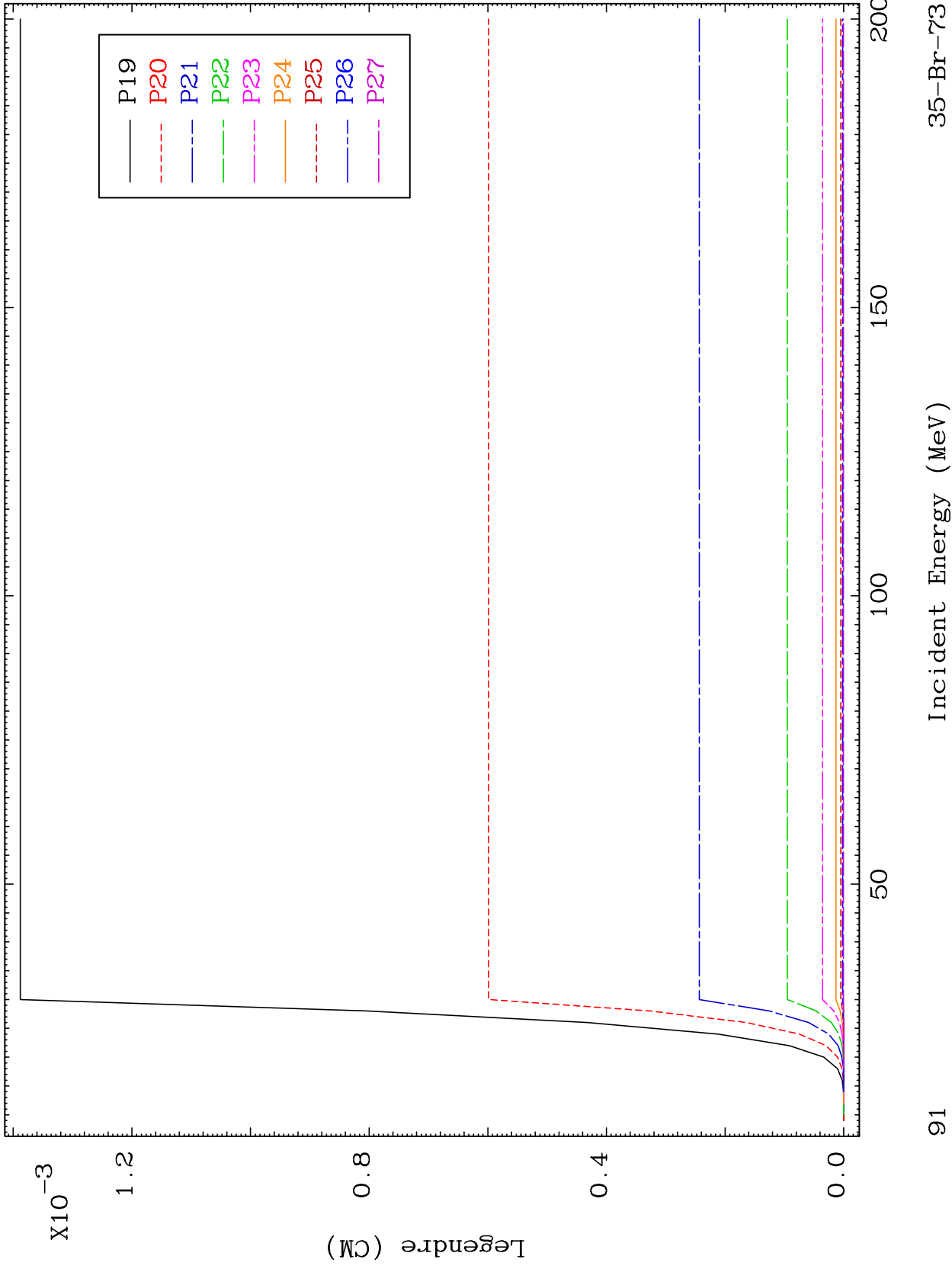
Incident Energy (MeV)

35-Br-73

MAT 3507

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

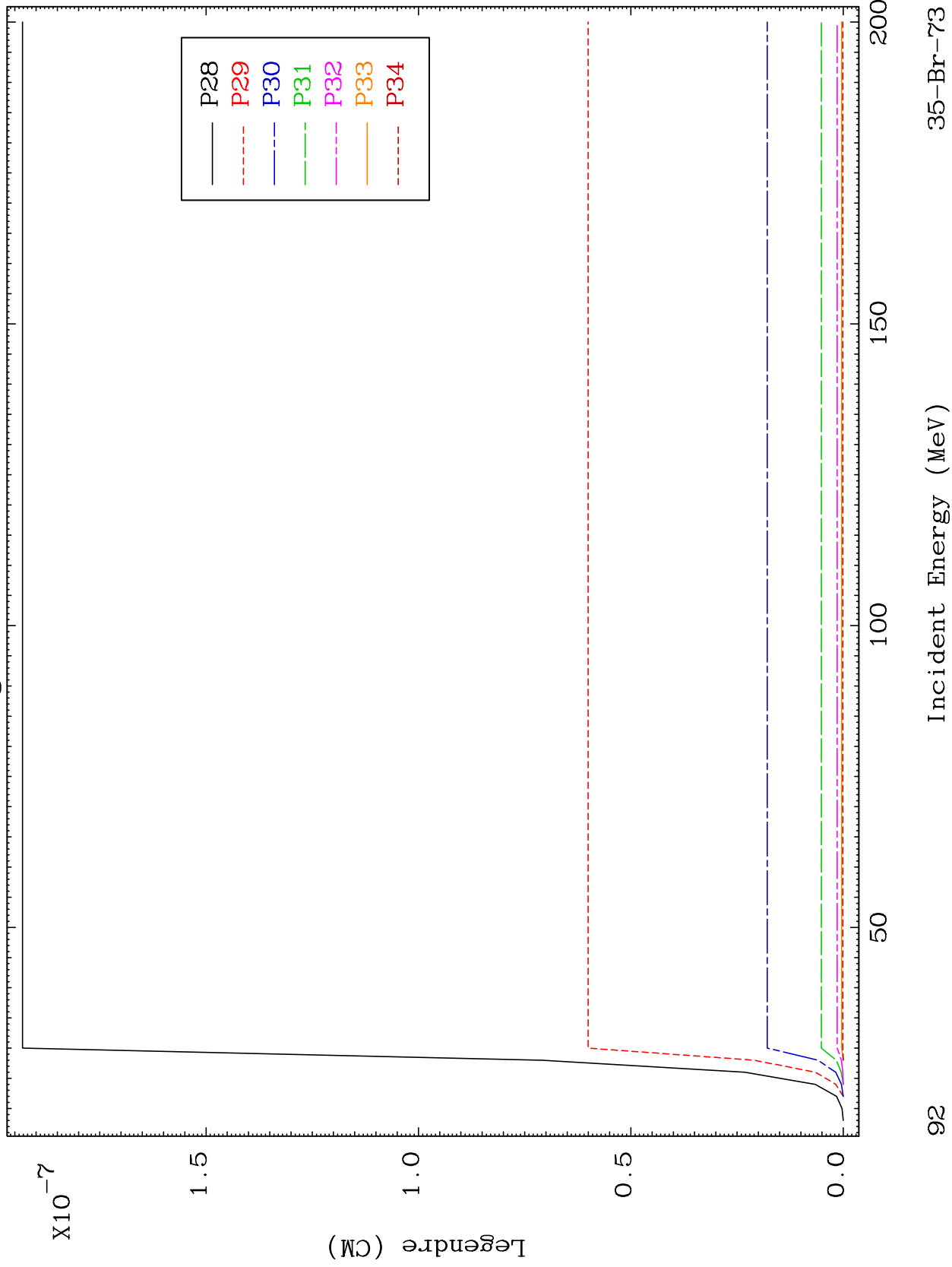
35-Br-73



MAT 3507

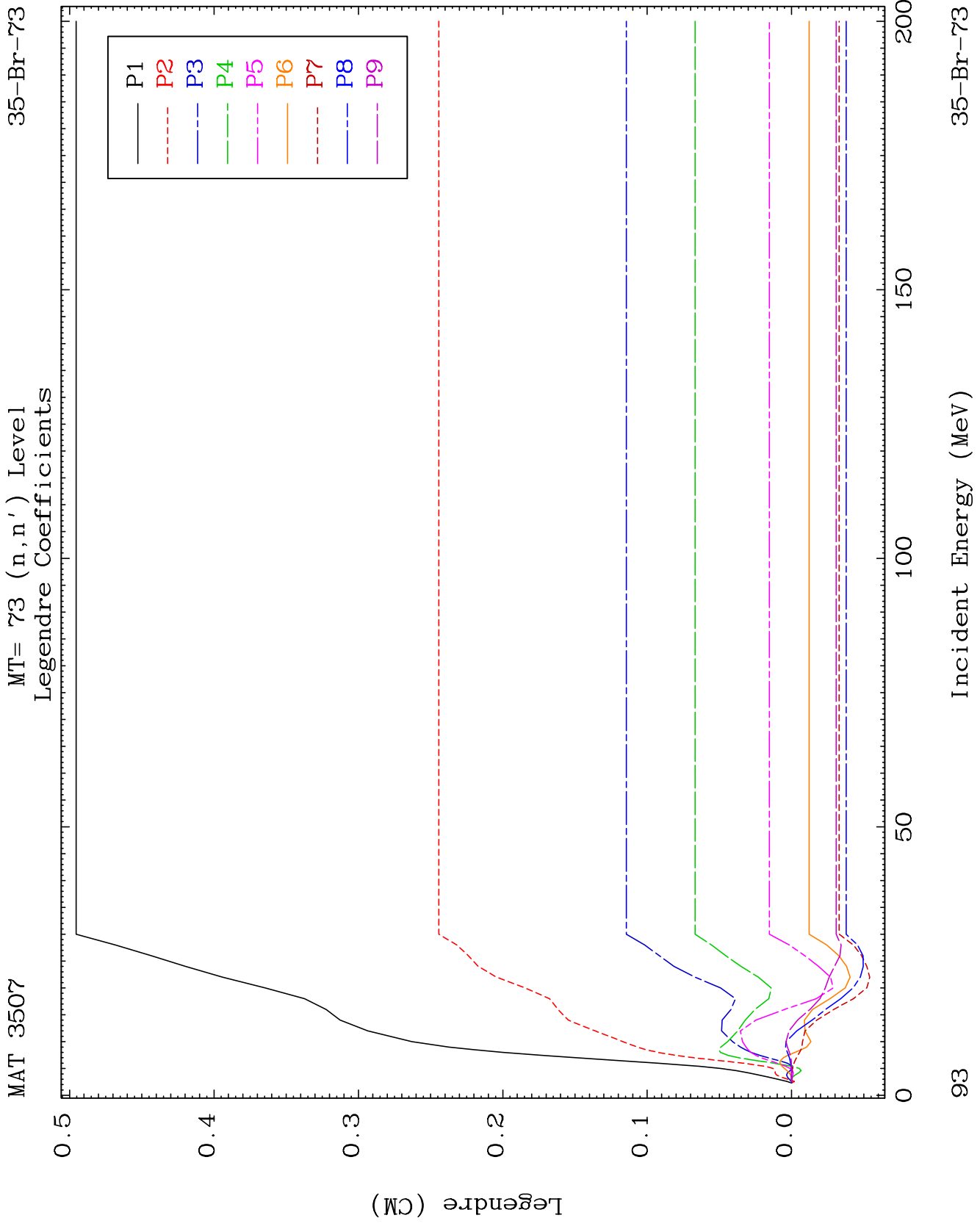
MT= 72 (n,n') Level
Legendre Coefficients

35-Br-73



92

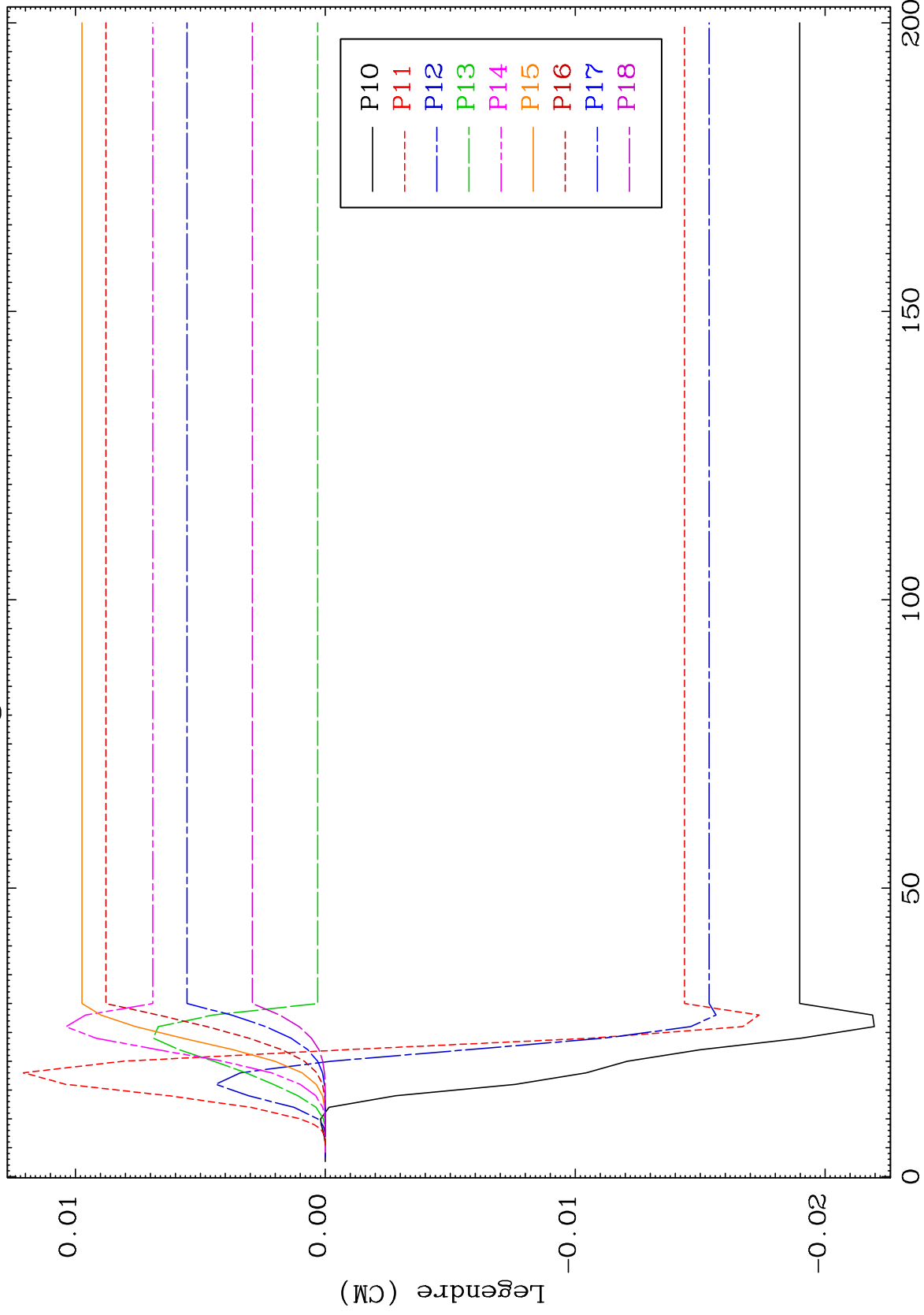
35-Br-73



MAT 3507

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

35-Br-73



94

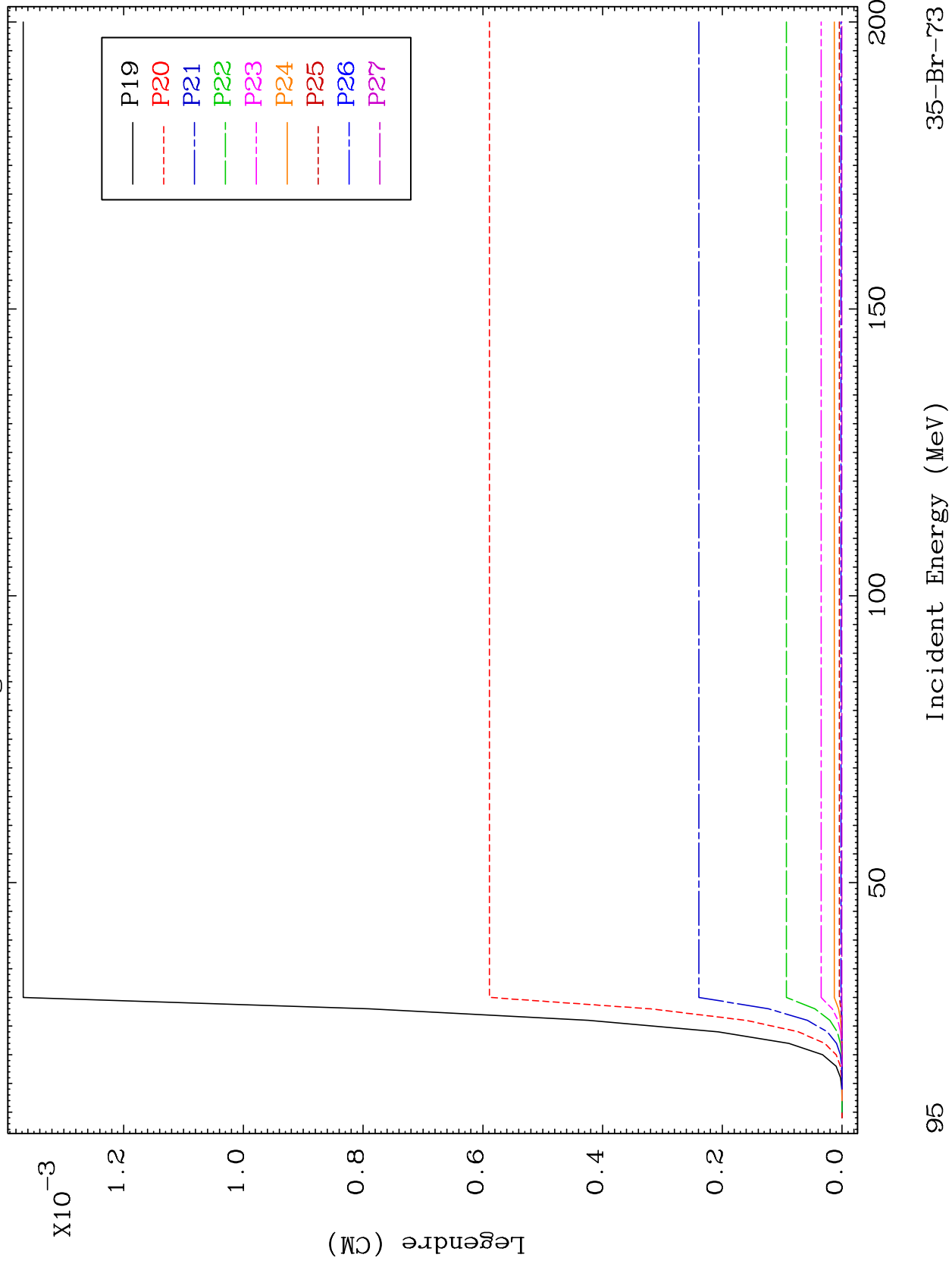
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



95

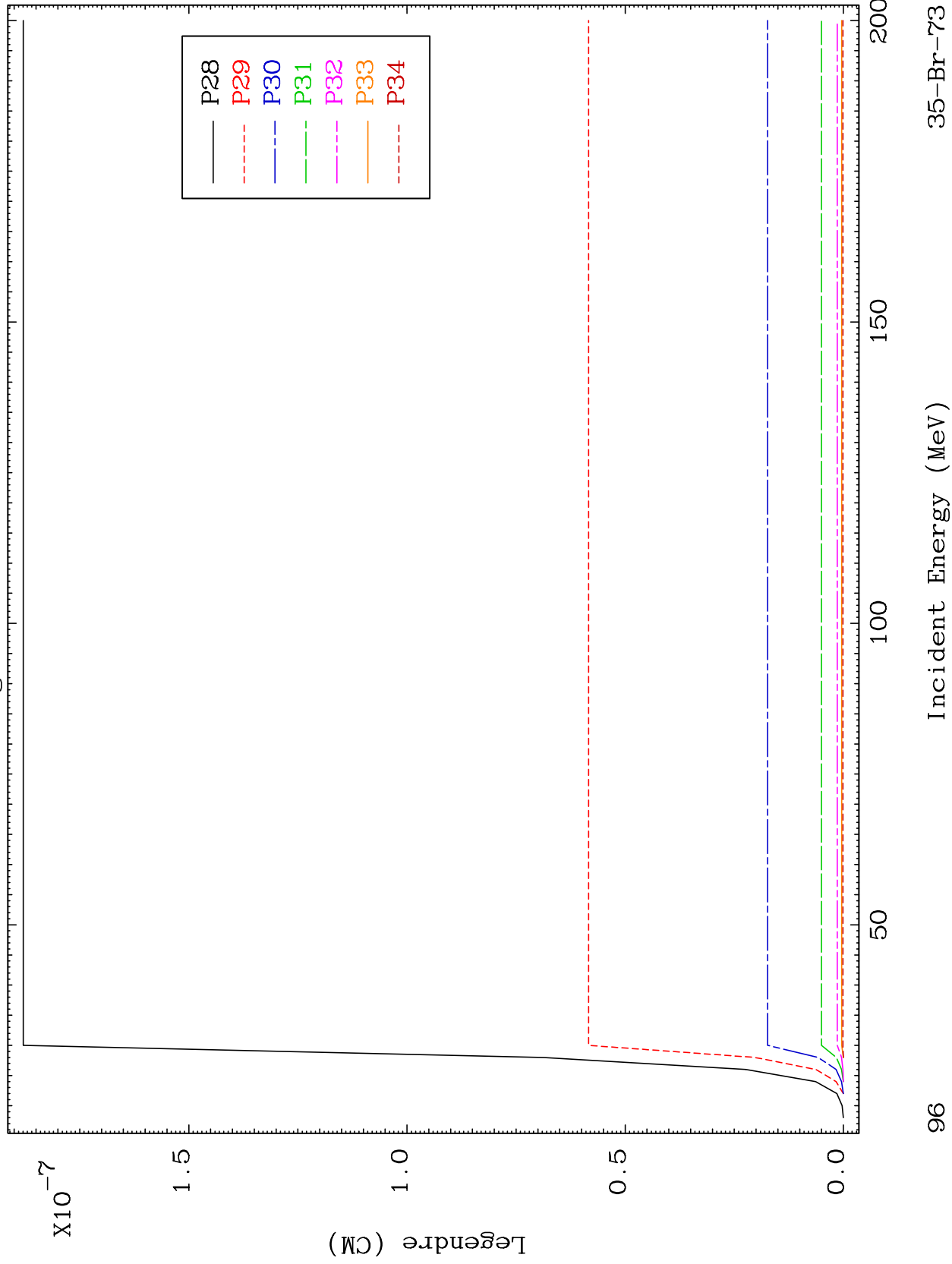
Incident Energy (MeV)

35-Br-73

MAT 3507

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

35-Br-73



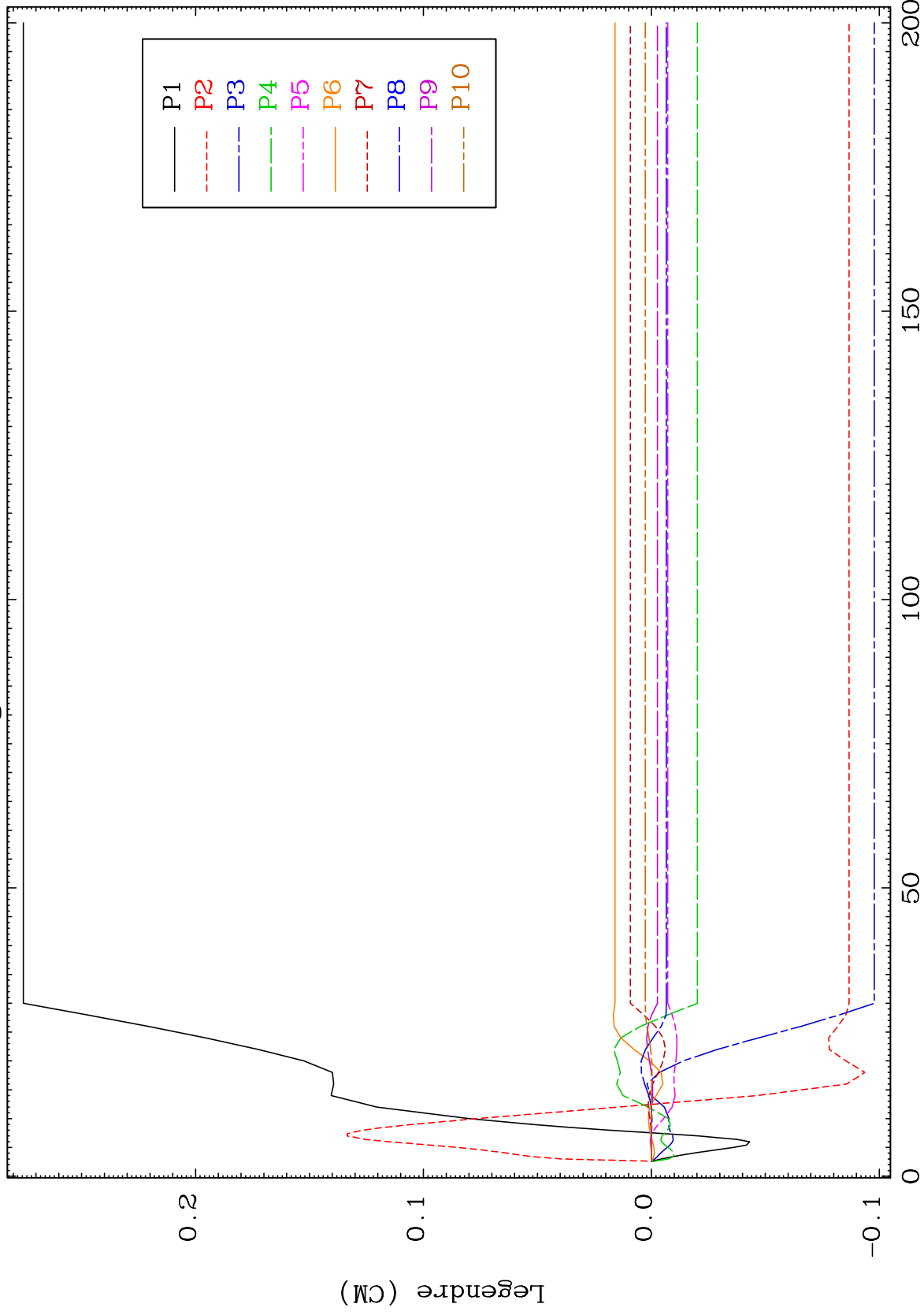
96

35-Br-73

MAT 3507

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

35-Br-73



97

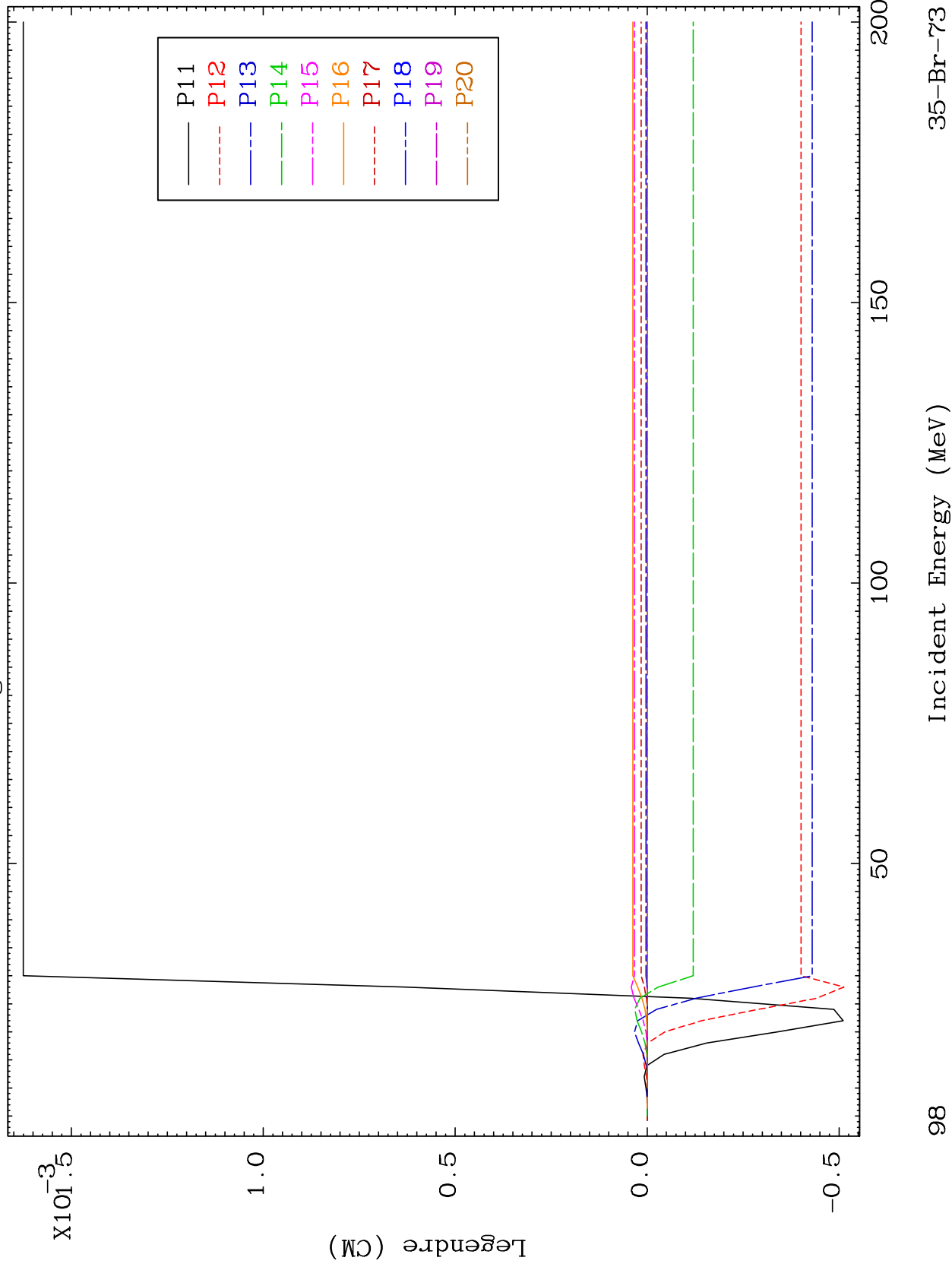
Incident Energy (MeV)

35-Br-73

MAT 3507

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

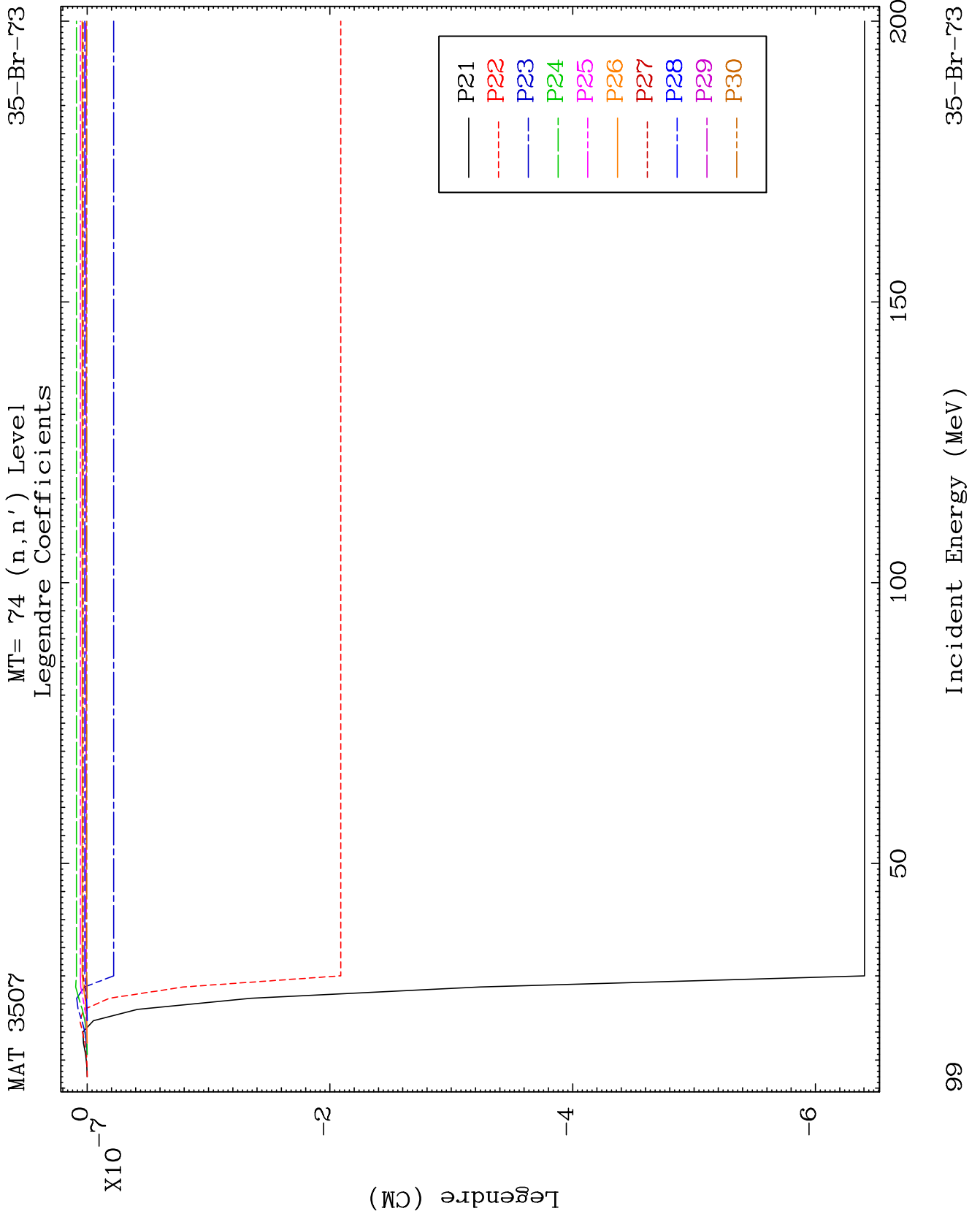
35-Br-73



98

Incident Energy (MeV)

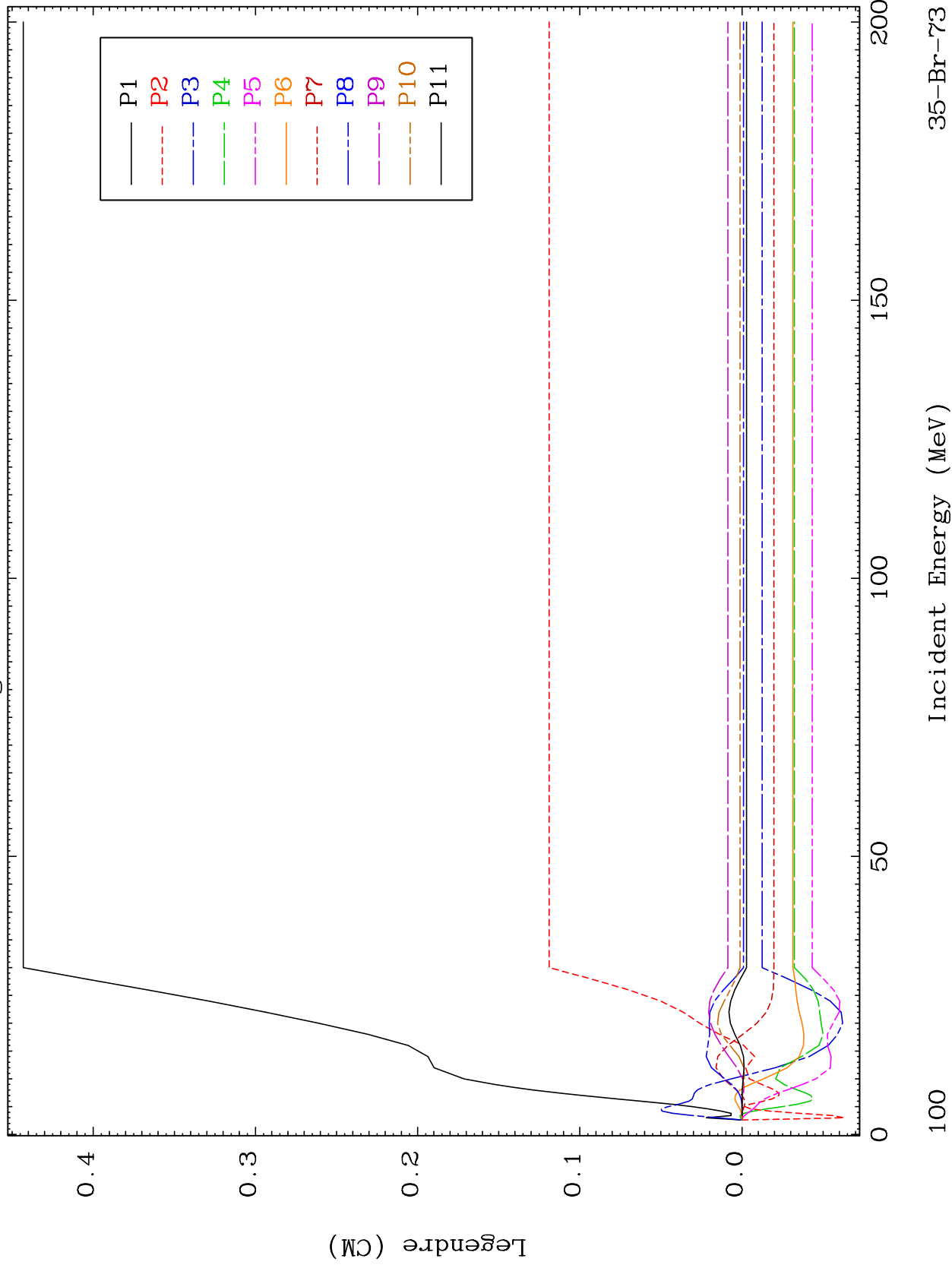
35-Br-73



MAT 3507

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

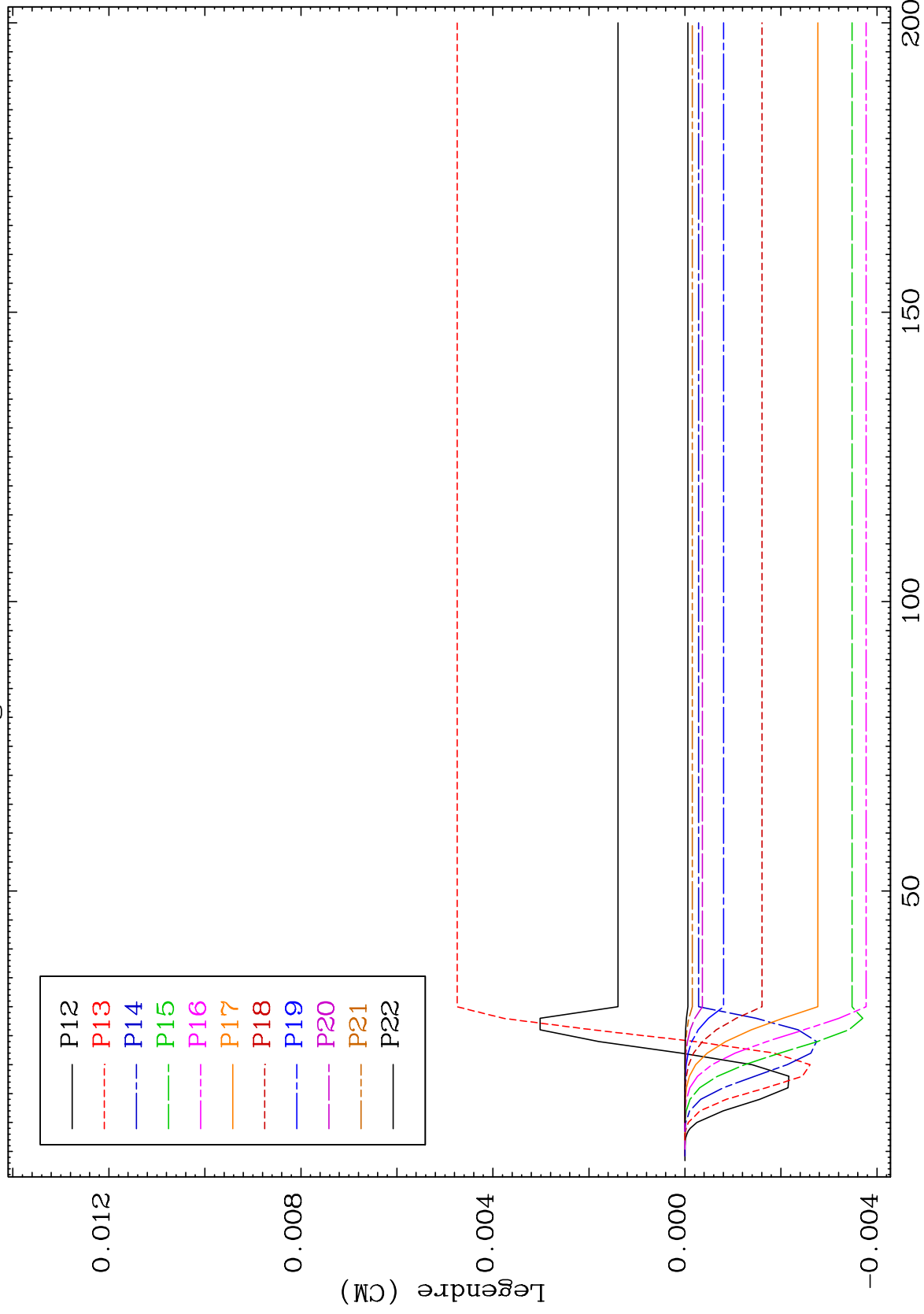
35-Br-73



MAT 3507

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

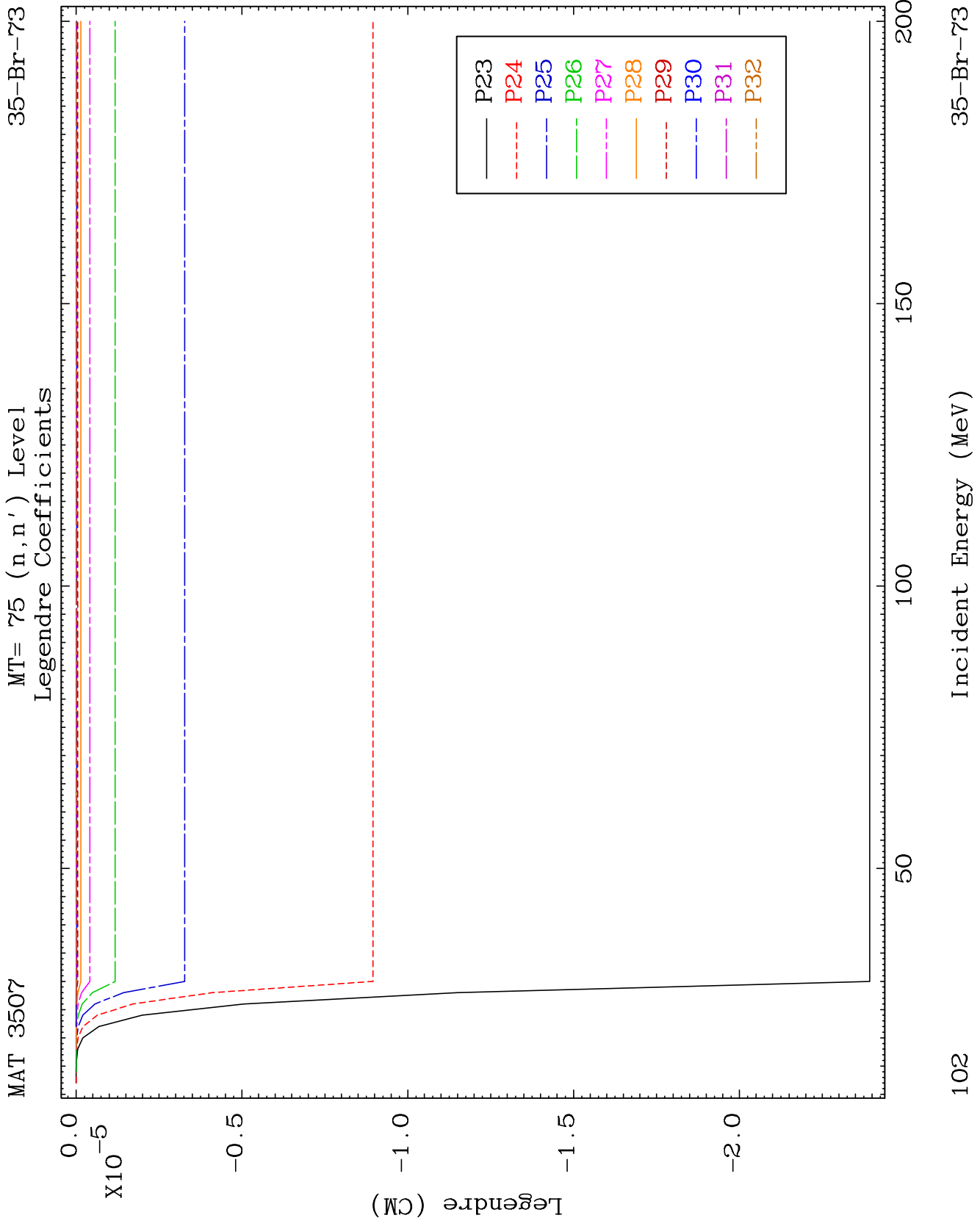
35-Br-73



101

Incident Energy (MeV)

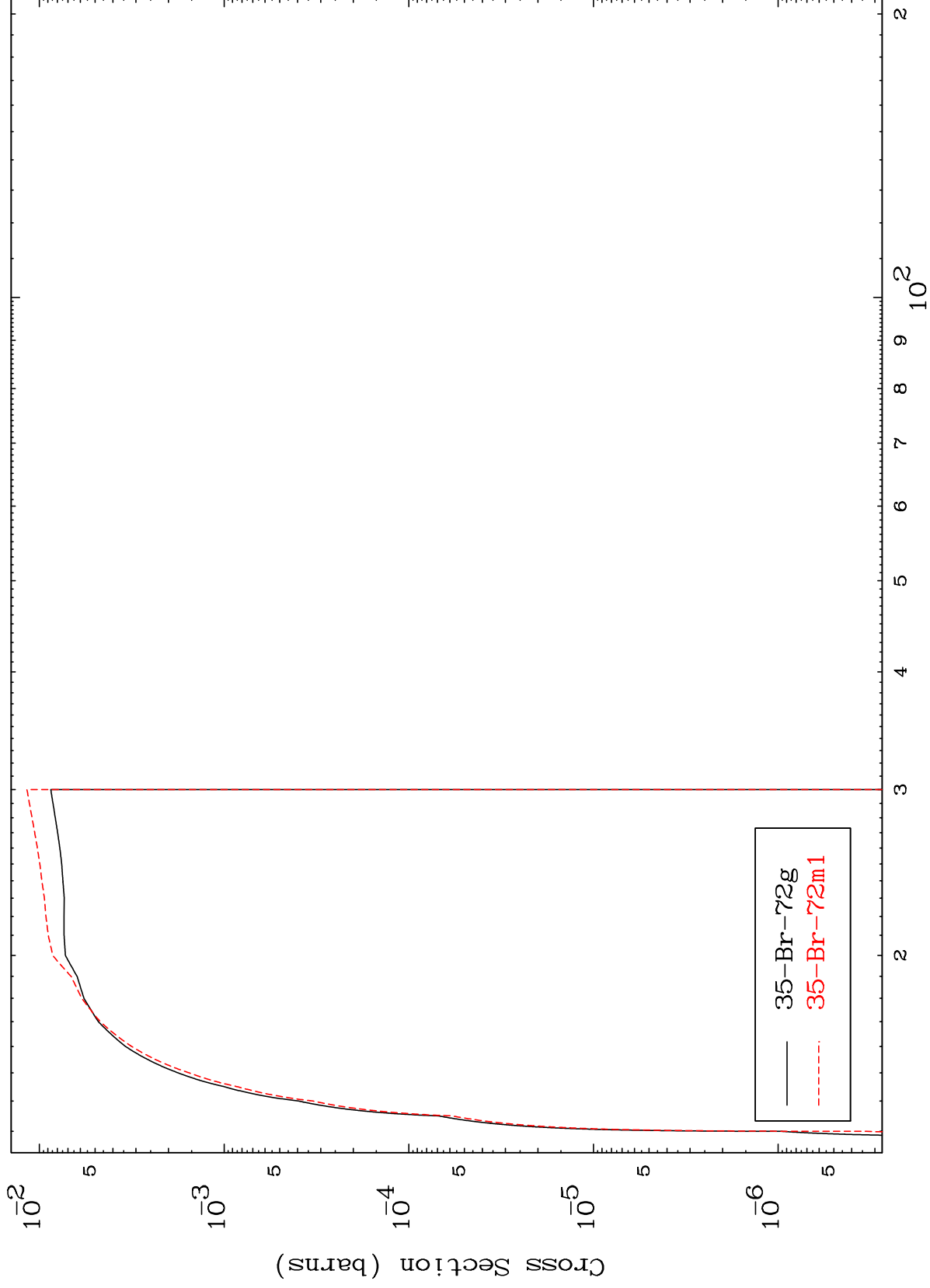
35-Br-73



MAT 3507

³⁵Br-73

Radionuclide Production Cross Section
(n,2n)



103

³⁵Br-73

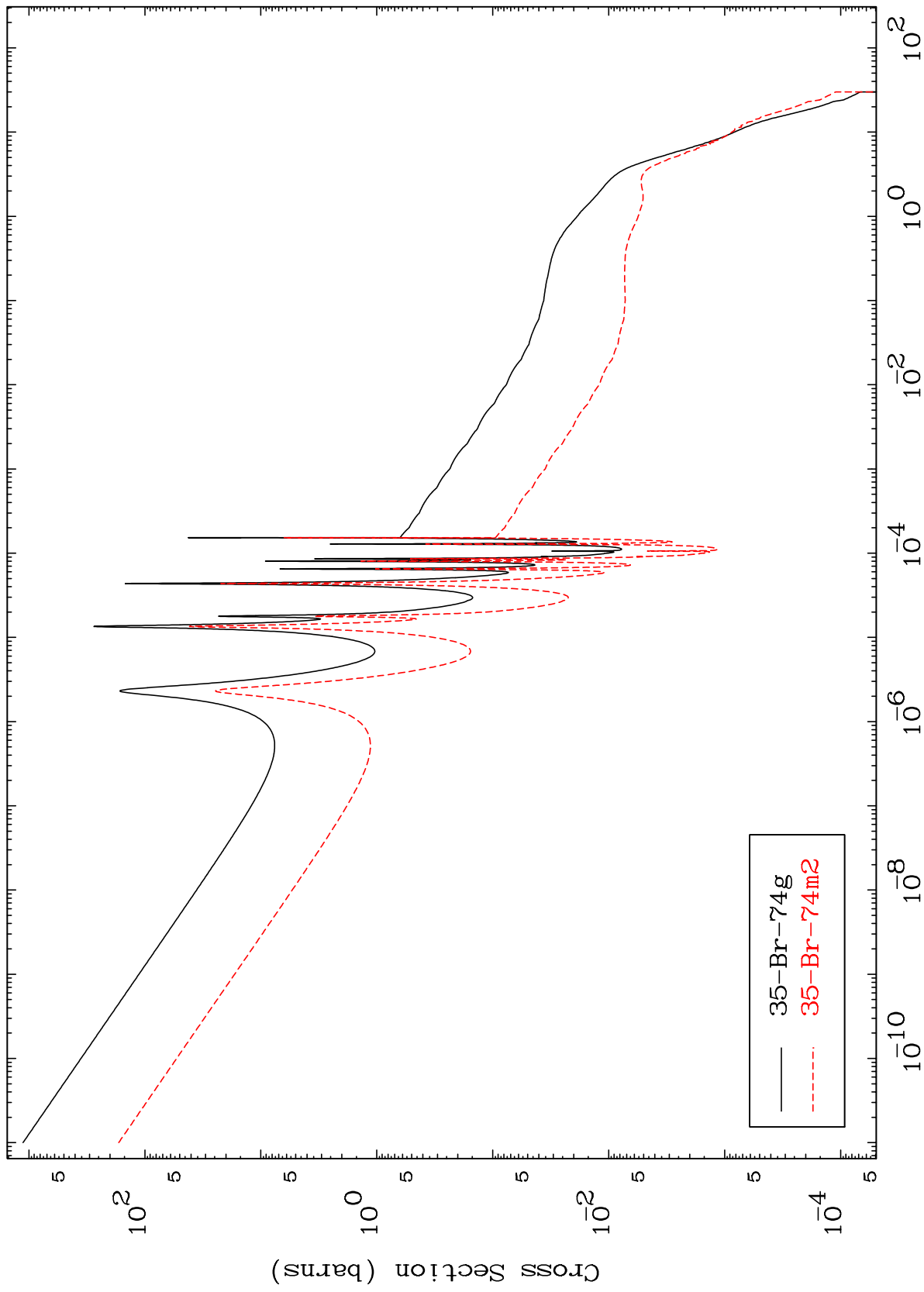
Incident Energy (MeV)

MAT 3507

³⁵Br-73

Radionuclide Production Cross Section

(n,γ)



³⁵Br-73

Incident Energy (MeV)

104

MAT 3507

35-Br-73

Radionuclide Production Cross Section

(n,p)

