

Program EVALPLOT
(Version 2017-1)

by

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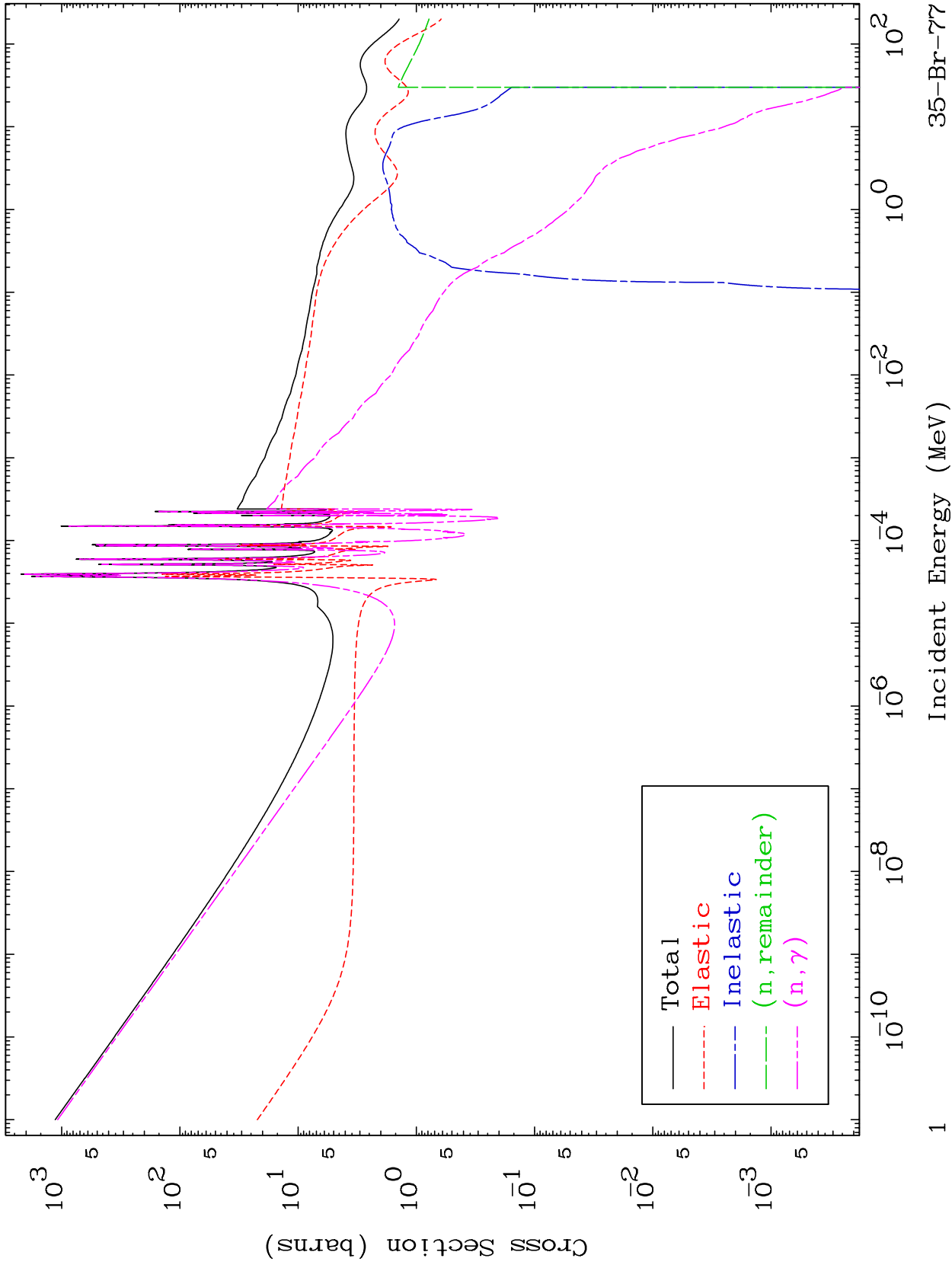
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Press Mouse Button to Start

MAT 3519

Major
293 Kelvin Cross Sections

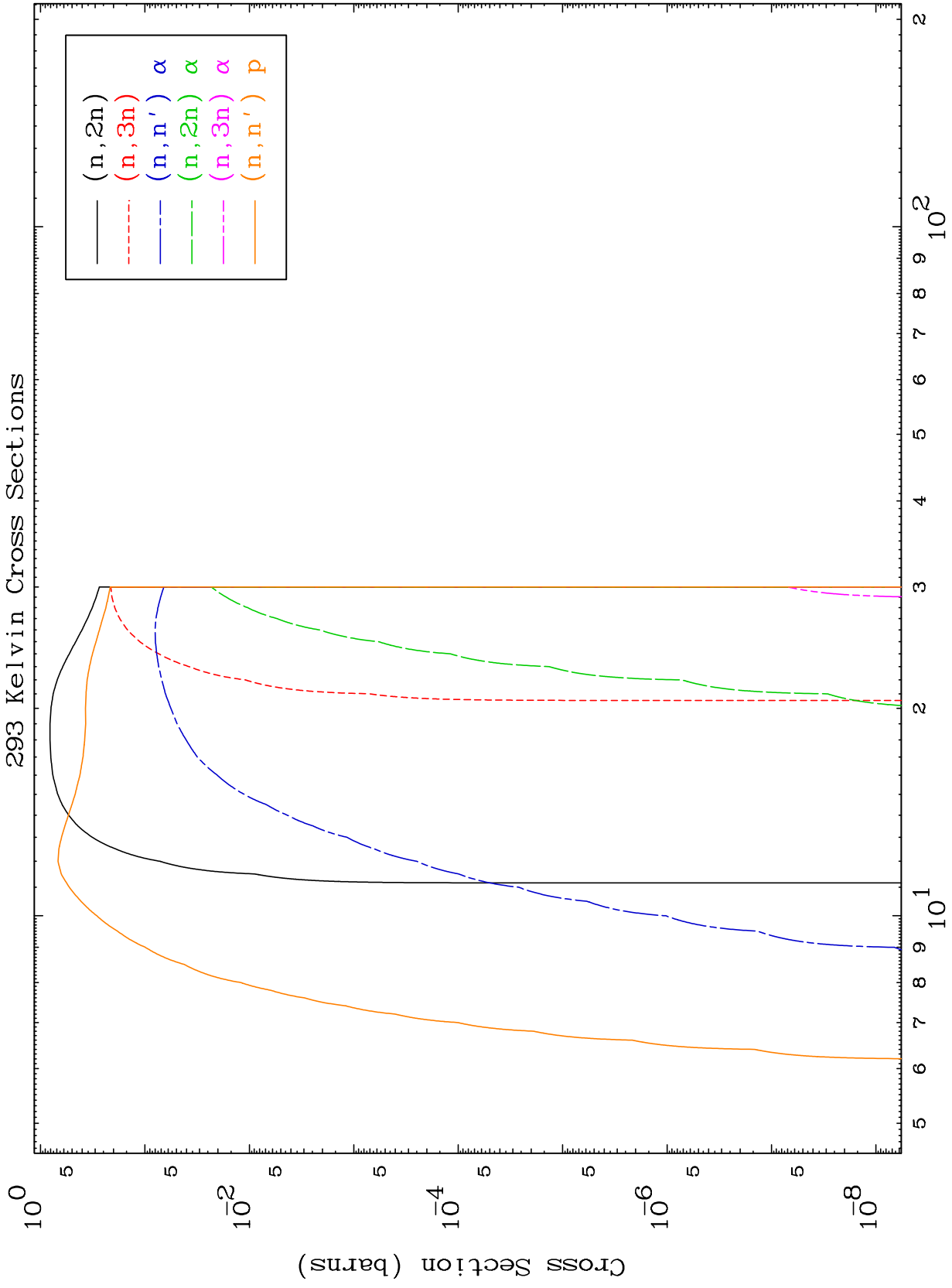
35-Br-77



MAT 3519

Neutron Production
293 Kelvin Cross Sections

35-Br-77



2

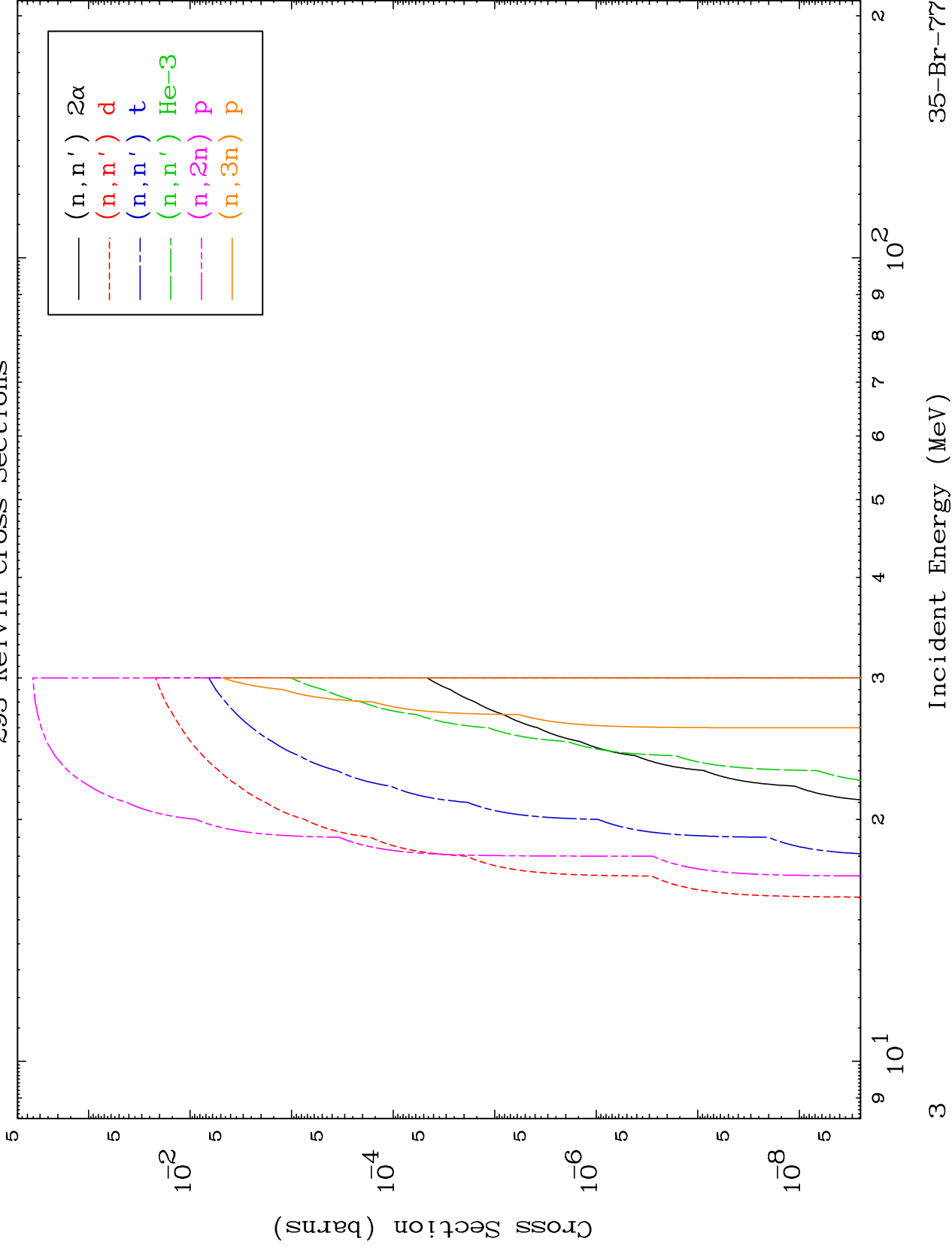
Incident Energy (MeV)

35-Br-77

MAT 3519

Neutron Production
293 Kelvin Cross Sections

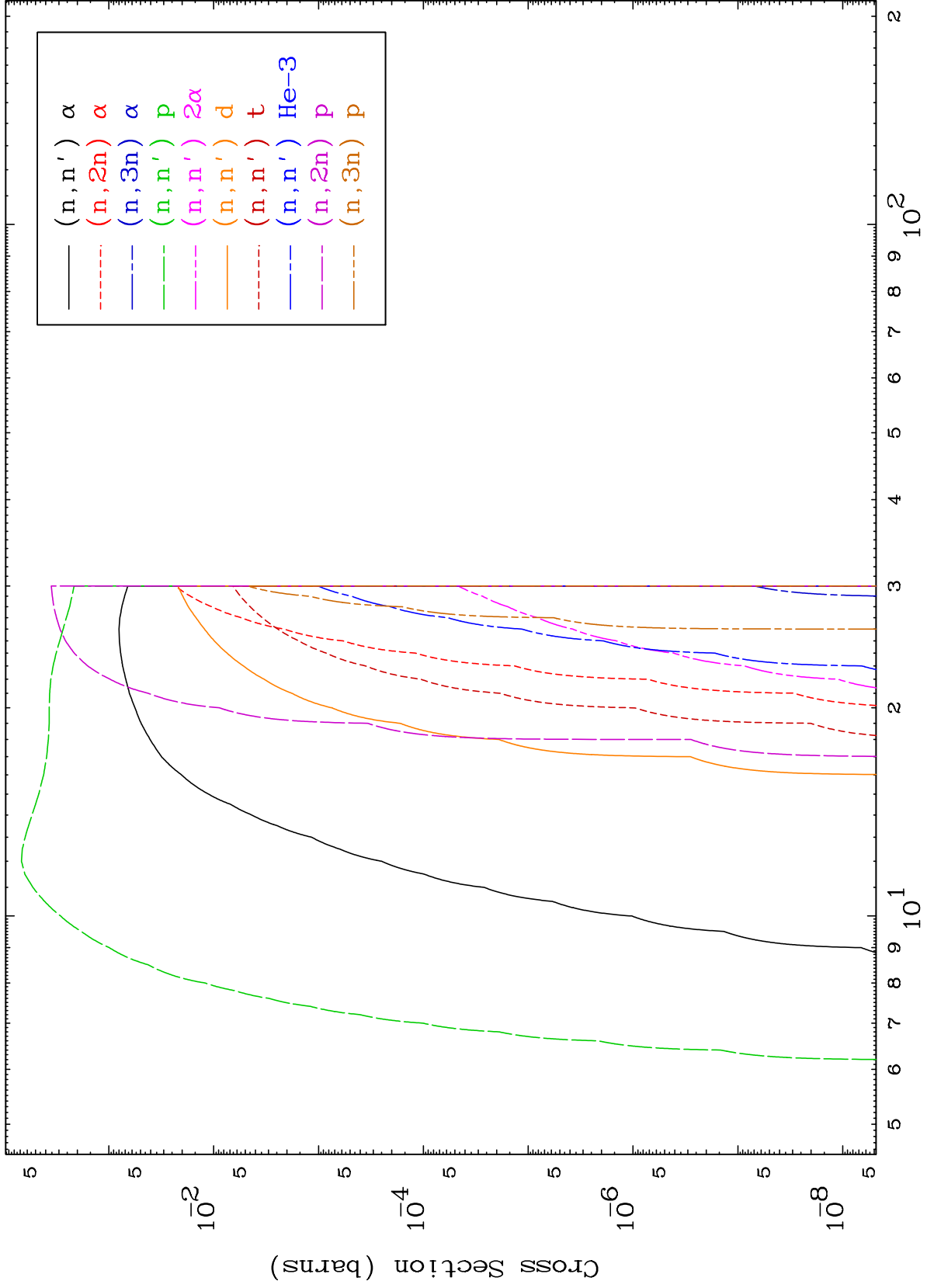
35-Br-77



35-Br-77

Incident Energy (MeV)

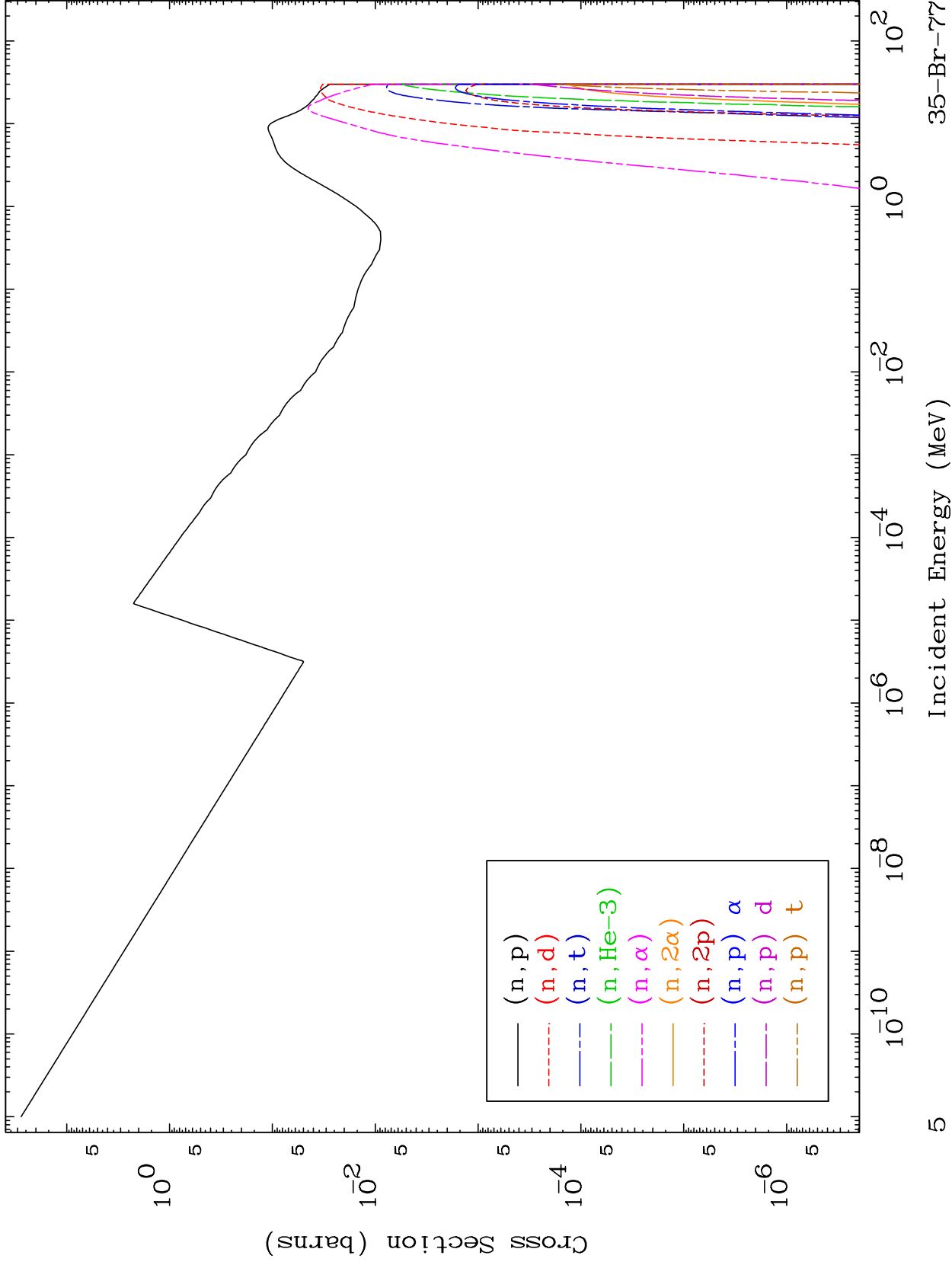
3



MAT 3519

Charged Particle
293 Kelvin Cross Sections

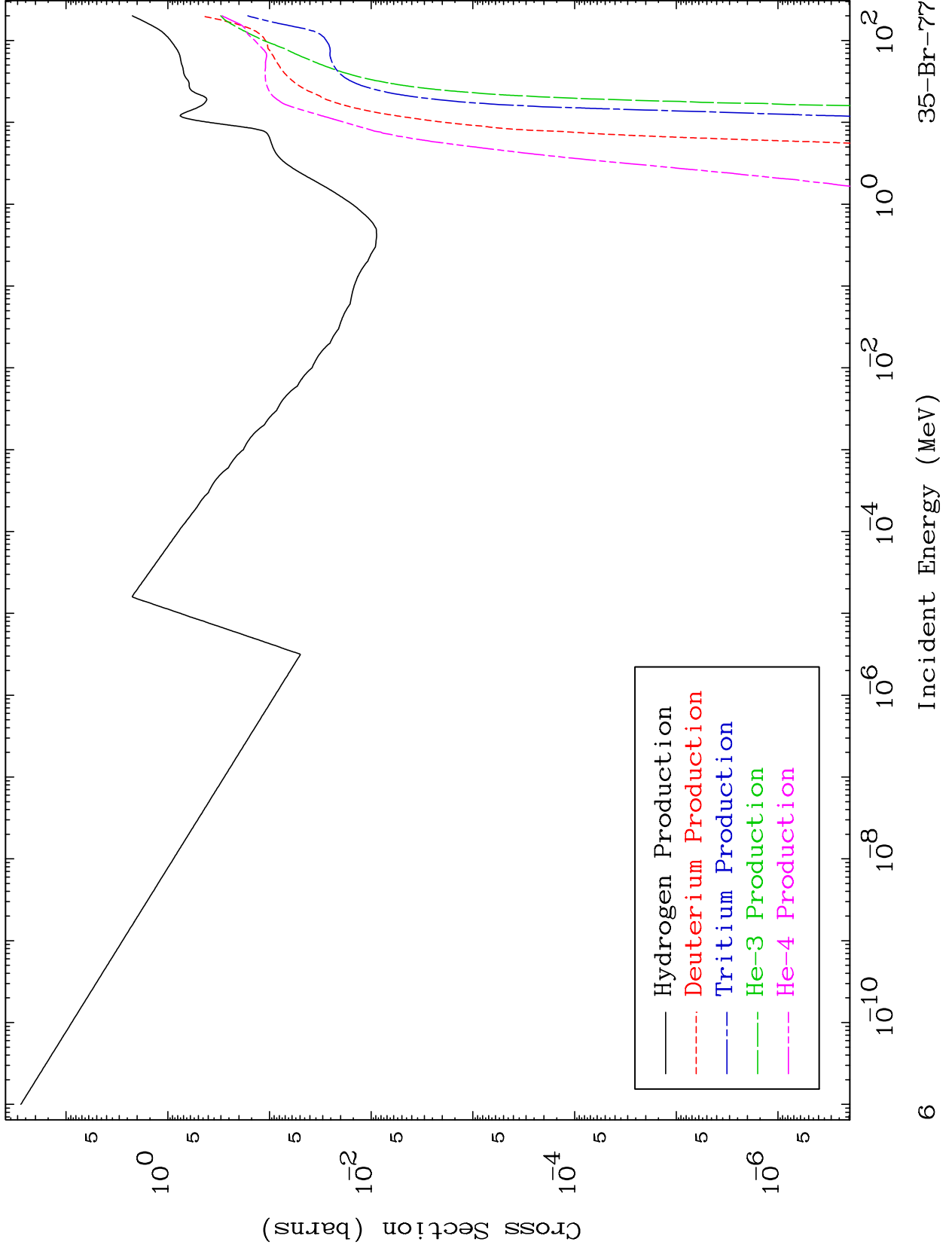
35-Br-77



MAT 3519

Particle Production
293 Kelvin Cross Sections

35-Br-77

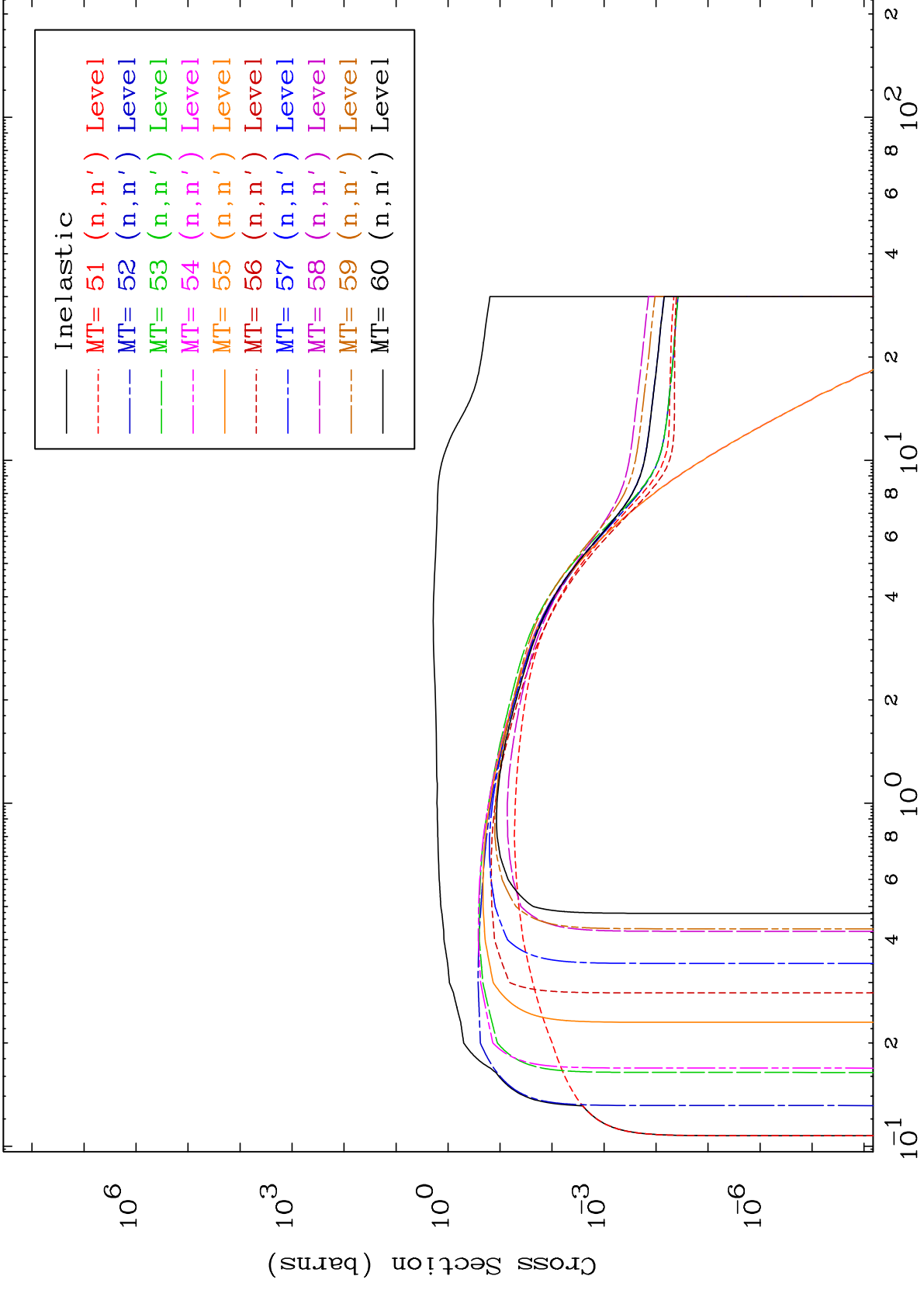


MAT 3519

(n,n') Level

35-Br-77

293 Kelvin Cross Sections

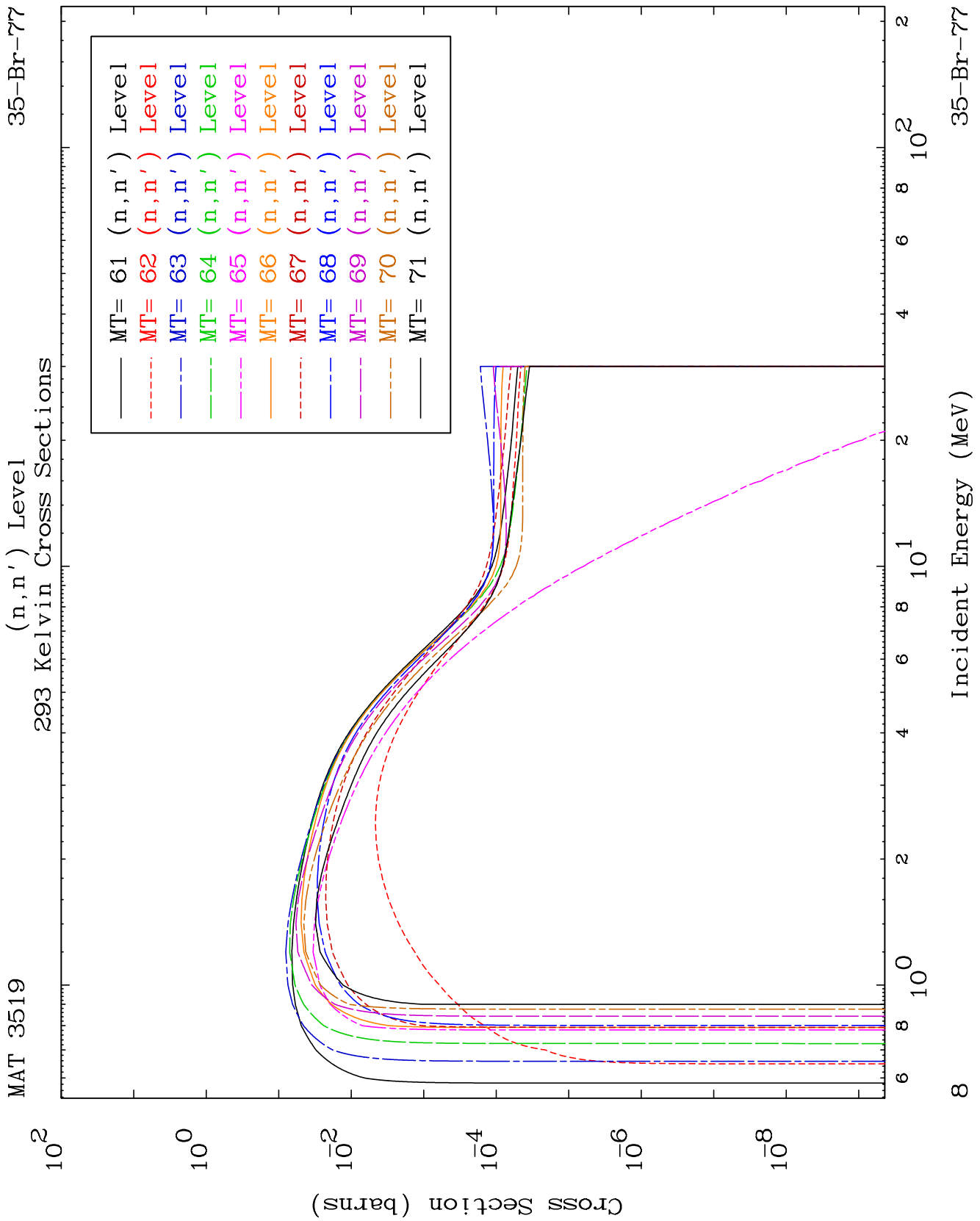


—	Inelastic
- - -	MT= 51 (n,n') Level
- . -	MT= 52 (n,n') Level
- - -	MT= 53 (n,n') Level
- . -	MT= 54 (n,n') Level
- - -	MT= 55 (n,n') Level
- . -	MT= 56 (n,n') Level
- - -	MT= 57 (n,n') Level
- . -	MT= 58 (n,n') Level
- - -	MT= 59 (n,n') Level
- . -	MT= 60 (n,n') Level

Incident Energy (MeV)

35-Br-77

7

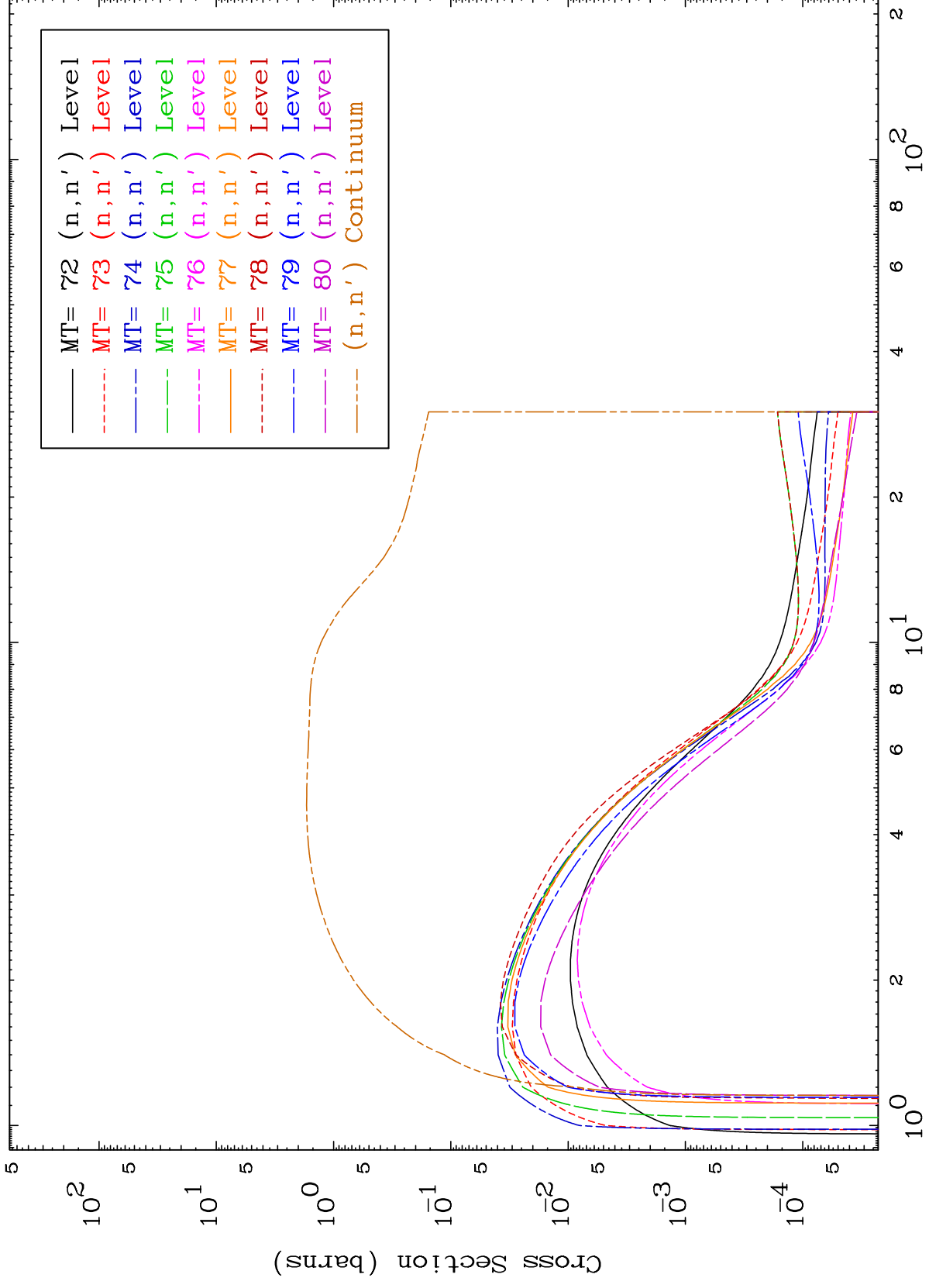


MAT 3519

(n,n') Level

35-Br-77

293 Kelvin Cross Sections



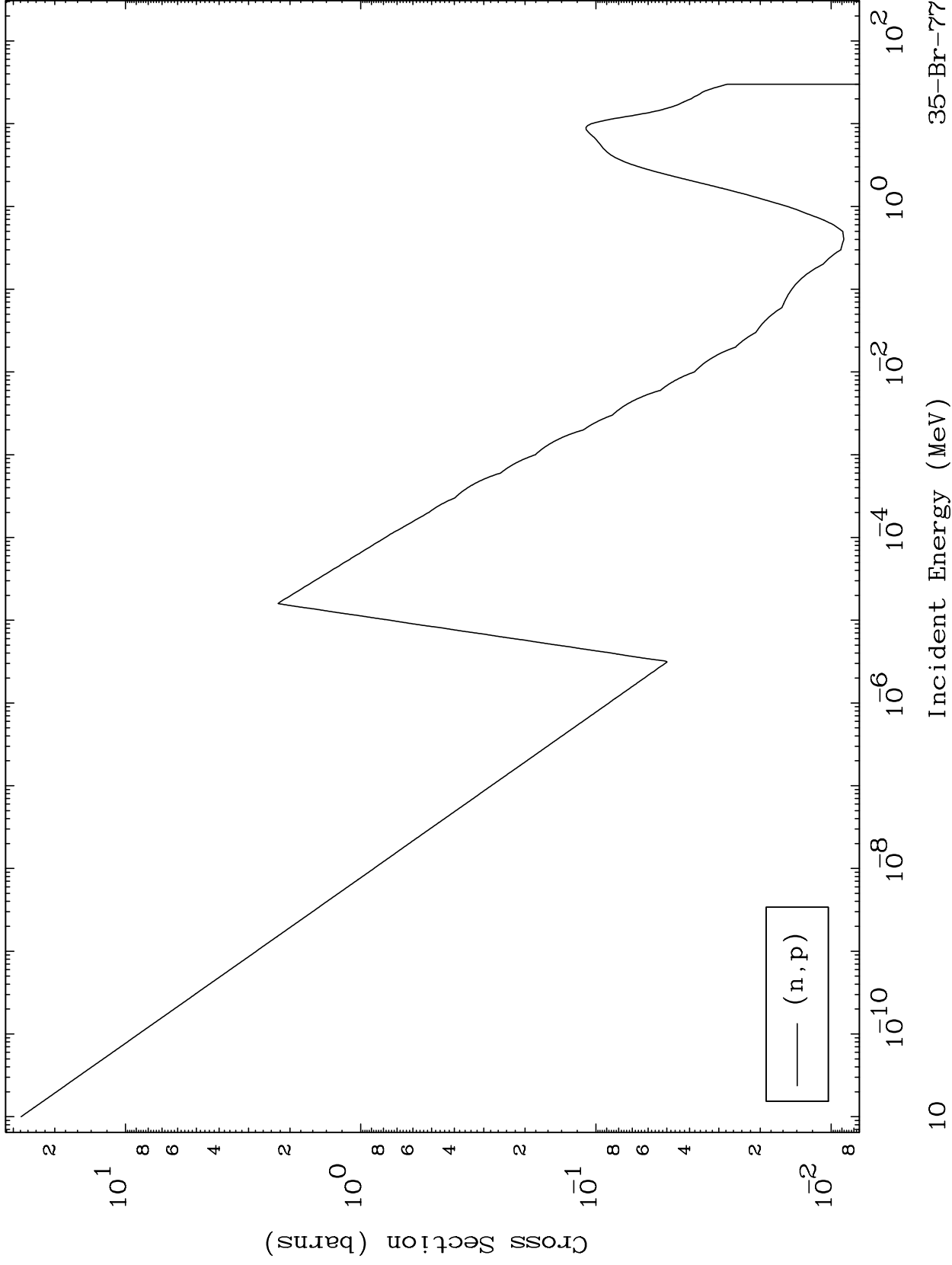
Incident Energy (MeV)

35-Br-77

MAT 3519

(n,p) Levels
293 Kelvin Cross Sections

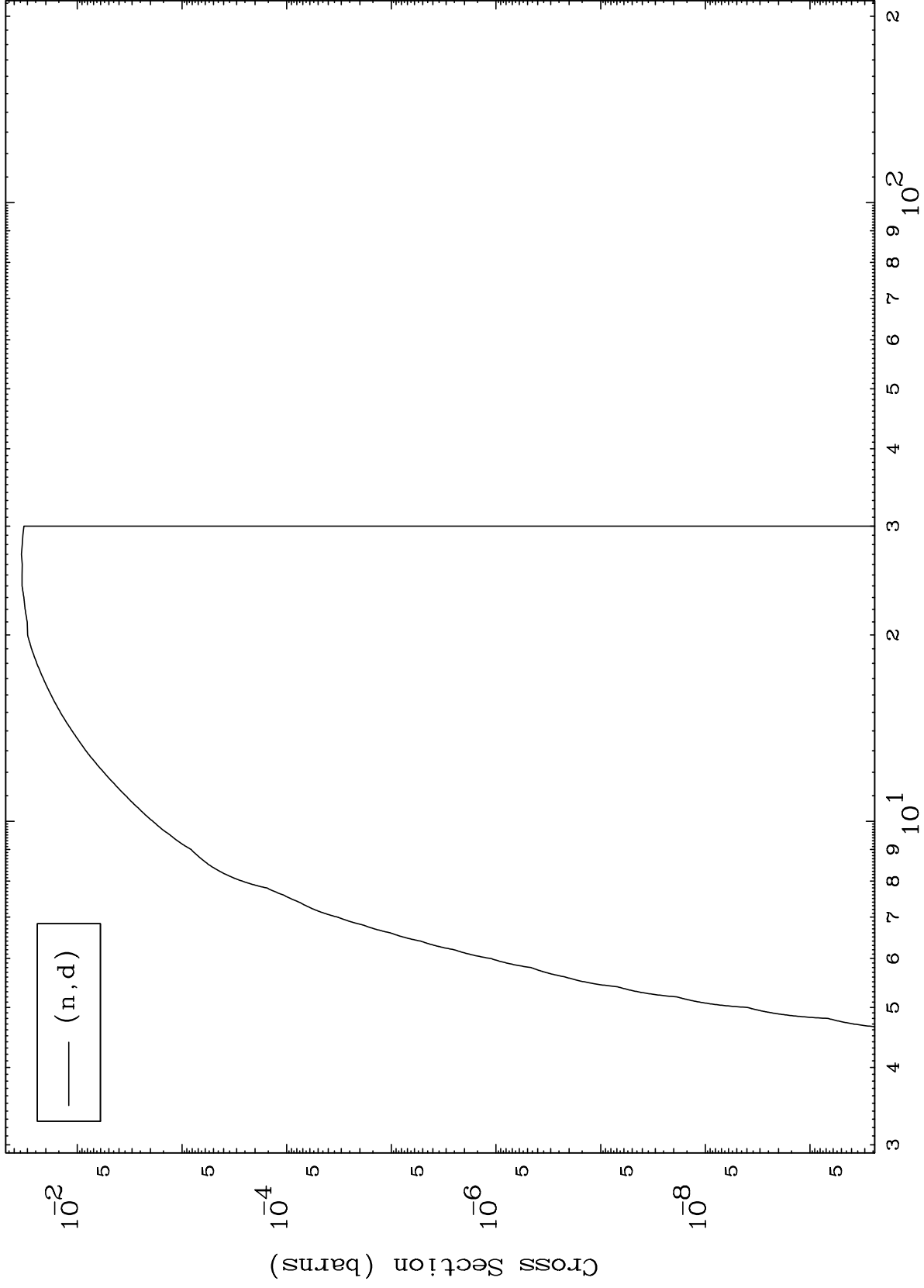
35-Br-77



MAT 3519

(n,d) Levels
293 Kelvin Cross Sections

35-Br-77



11

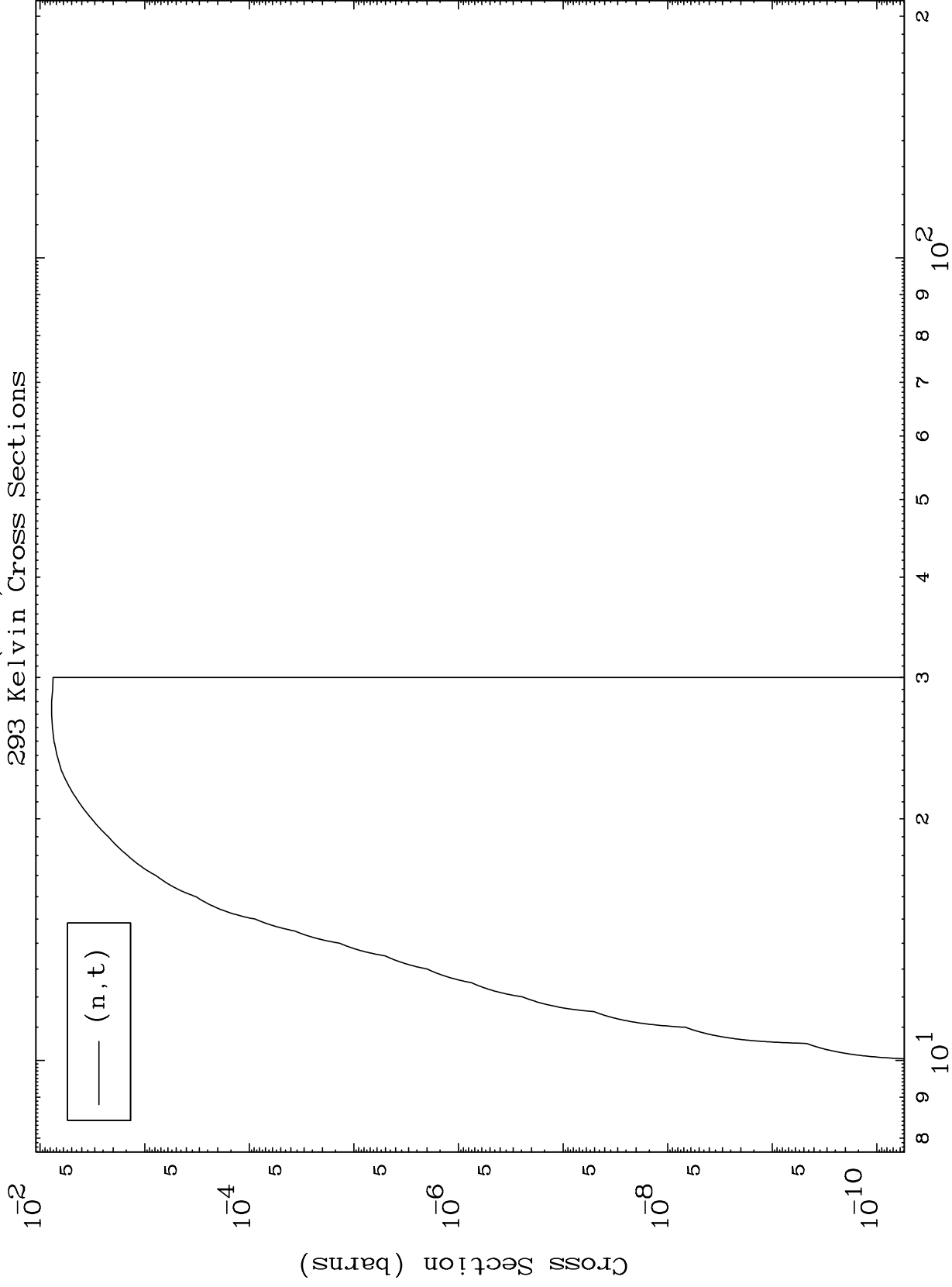
Incident Energy (MeV)

35-Br-77

MAT 3519

(n,t) Levels
293 Kelvin Cross Sections

35-Br-77



12

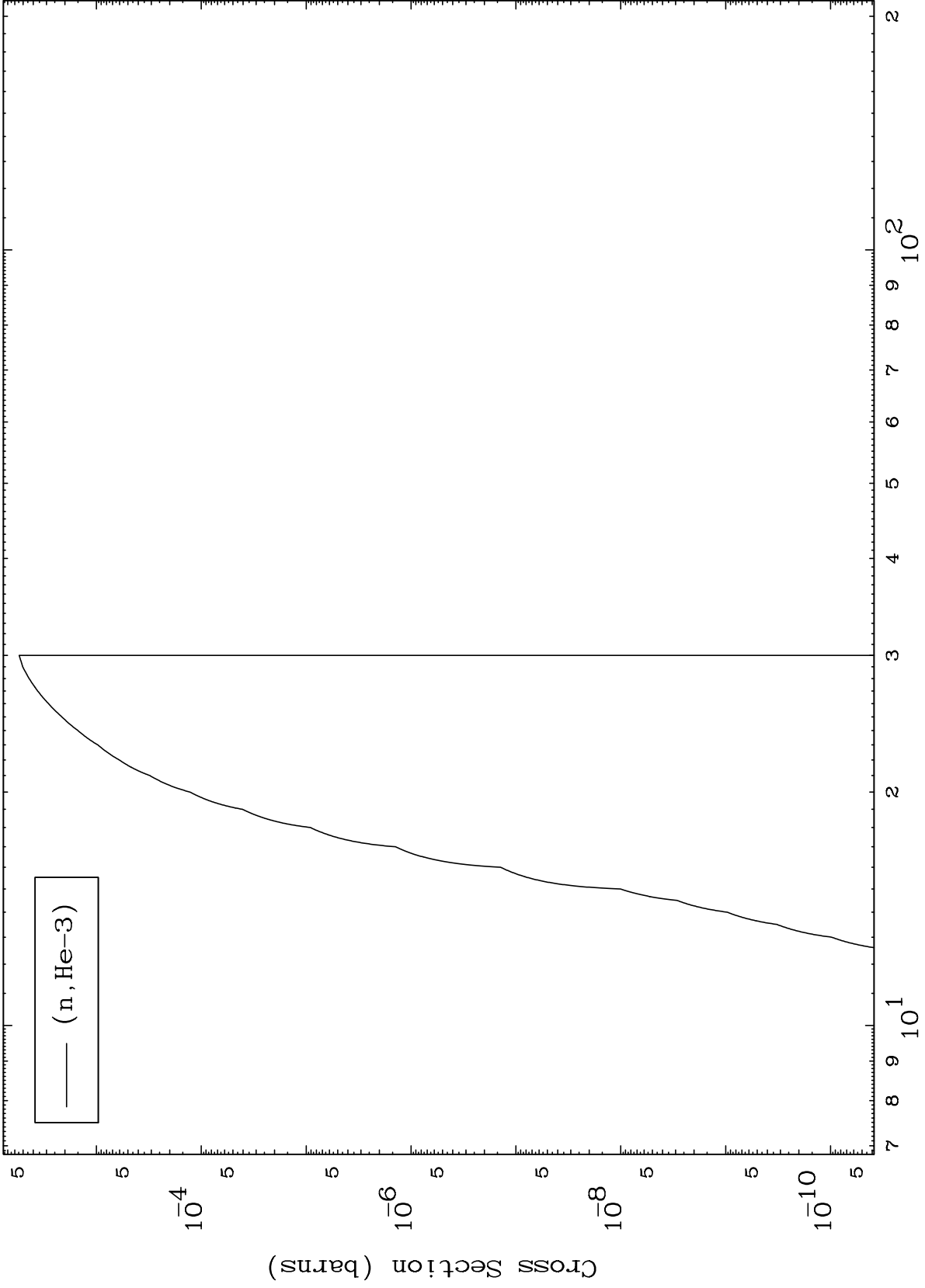
Incident Energy (MeV)

35-Br-77

MAT 3519

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-77



13

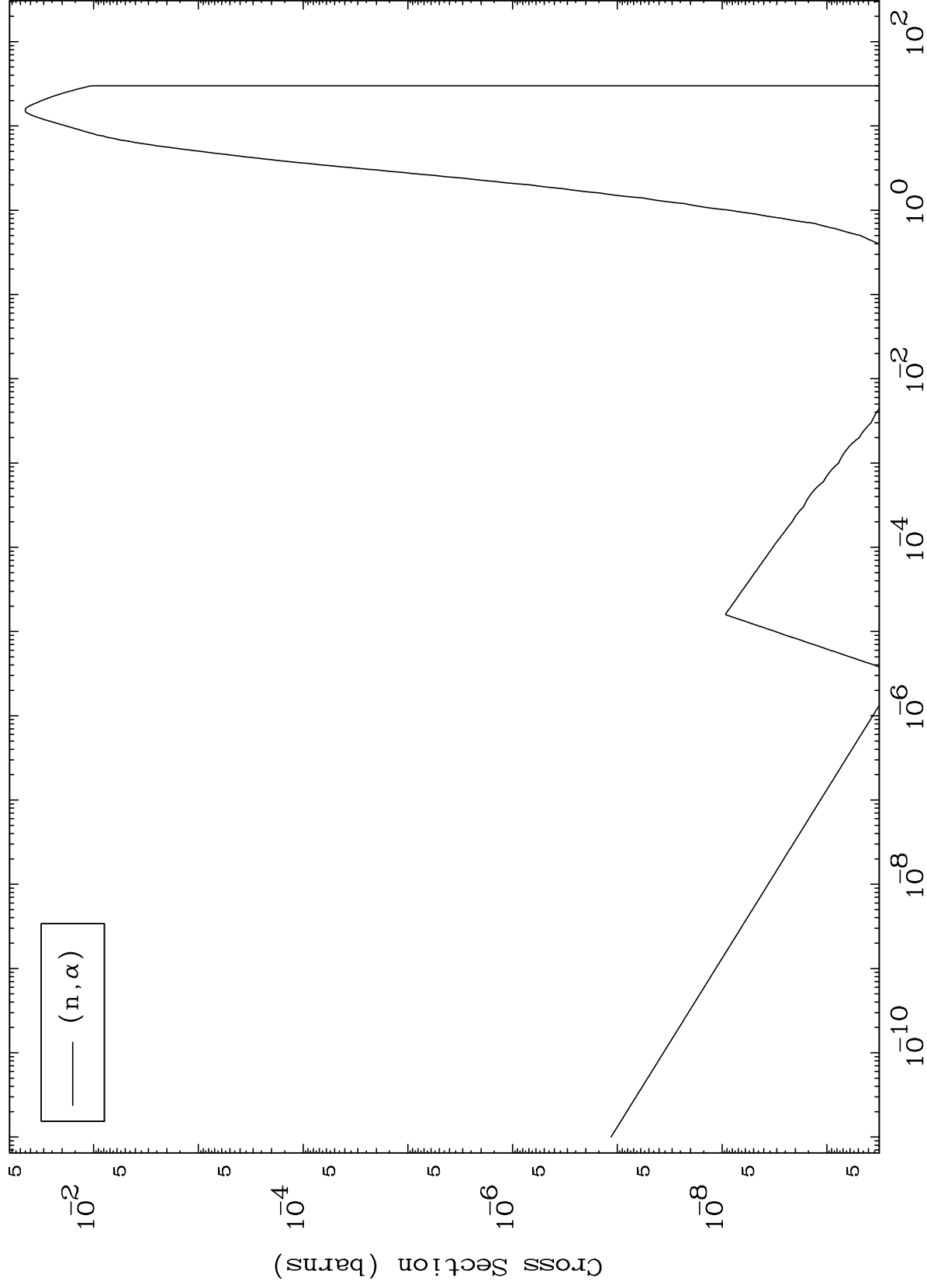
Incident Energy (MeV)

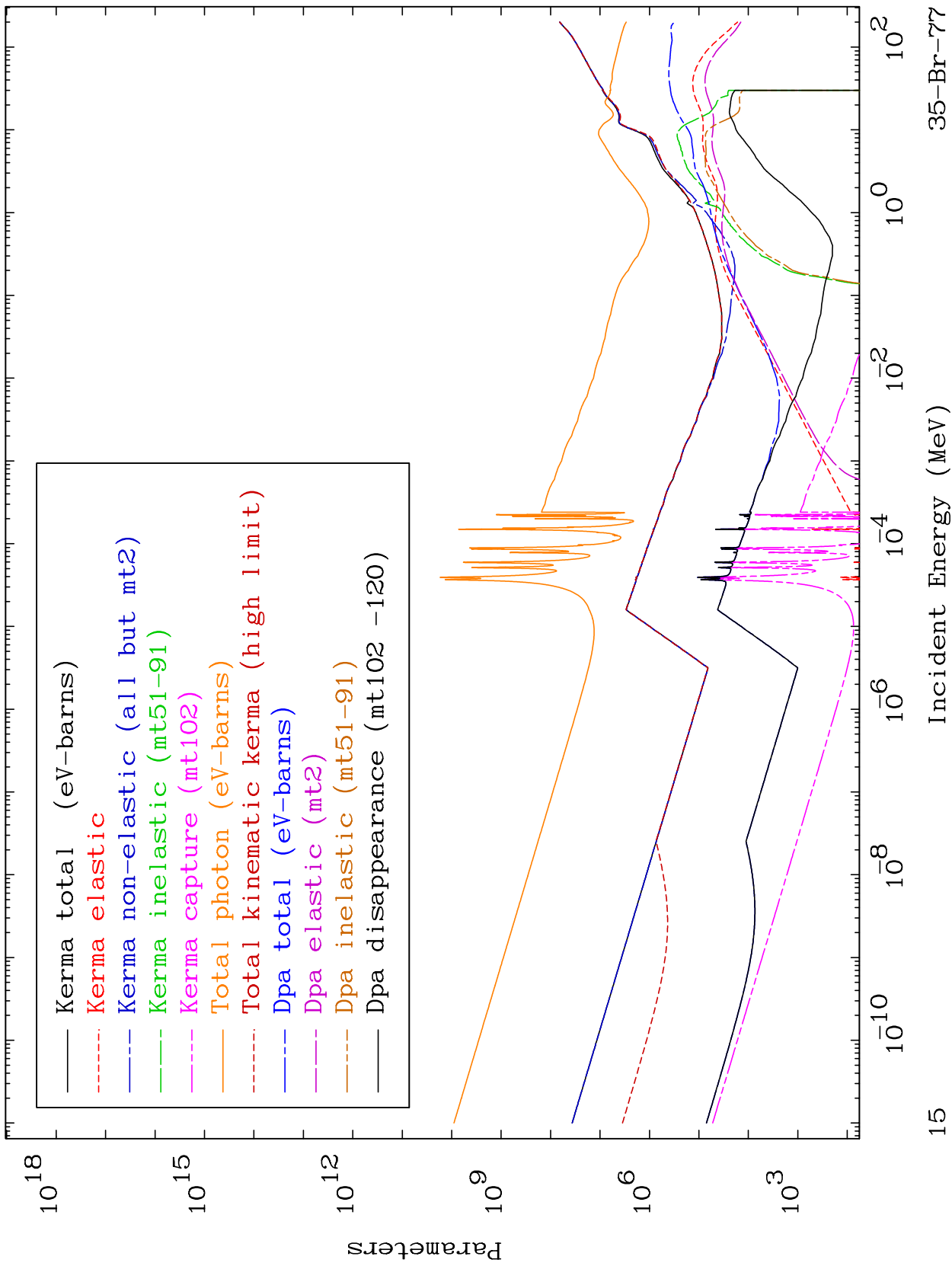
35-Br-77

MAT 3519

(n, α) Levels
293 Kelvin Cross Sections

35-Br-77

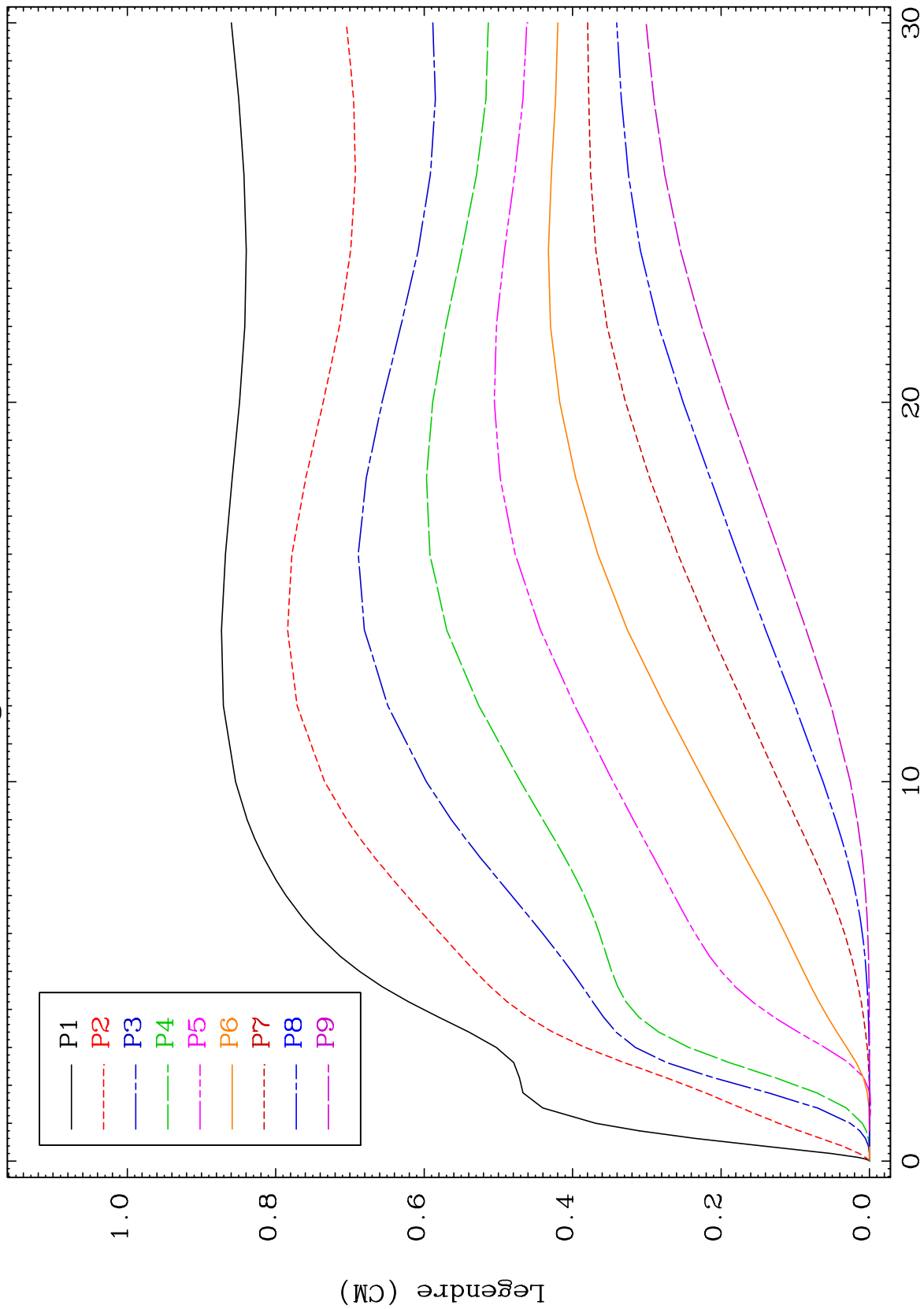




MAT 3519

Elastic Legendre Coefficients

³⁵Br-77



16

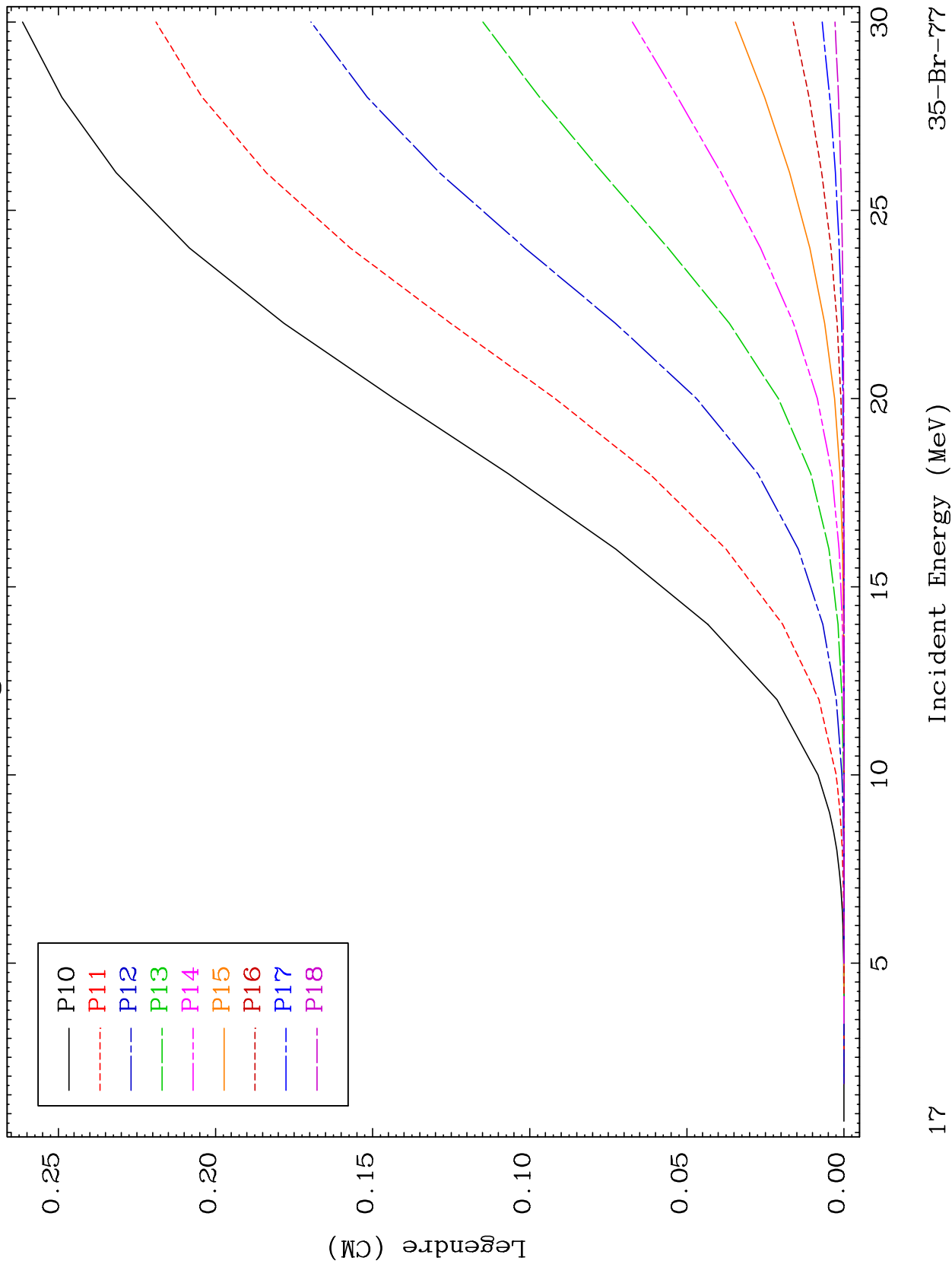
Incident Energy (MeV)

³⁵Br-77

MAT 3519

Elastic Legendre Coefficients

³⁵Br-⁷⁷

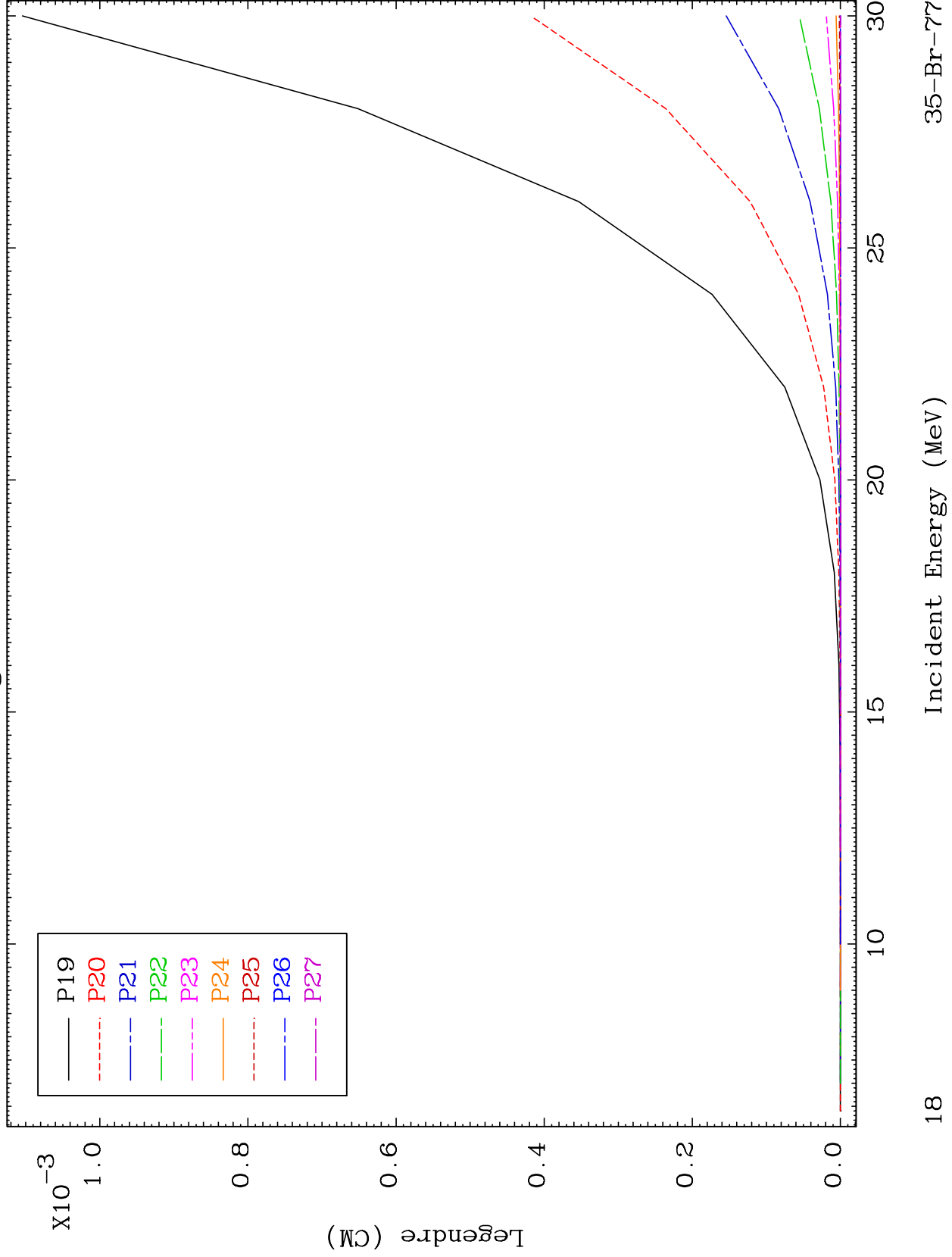


17

MAT 3519

Elastic Legendre Coefficients

³⁵Br-77



18

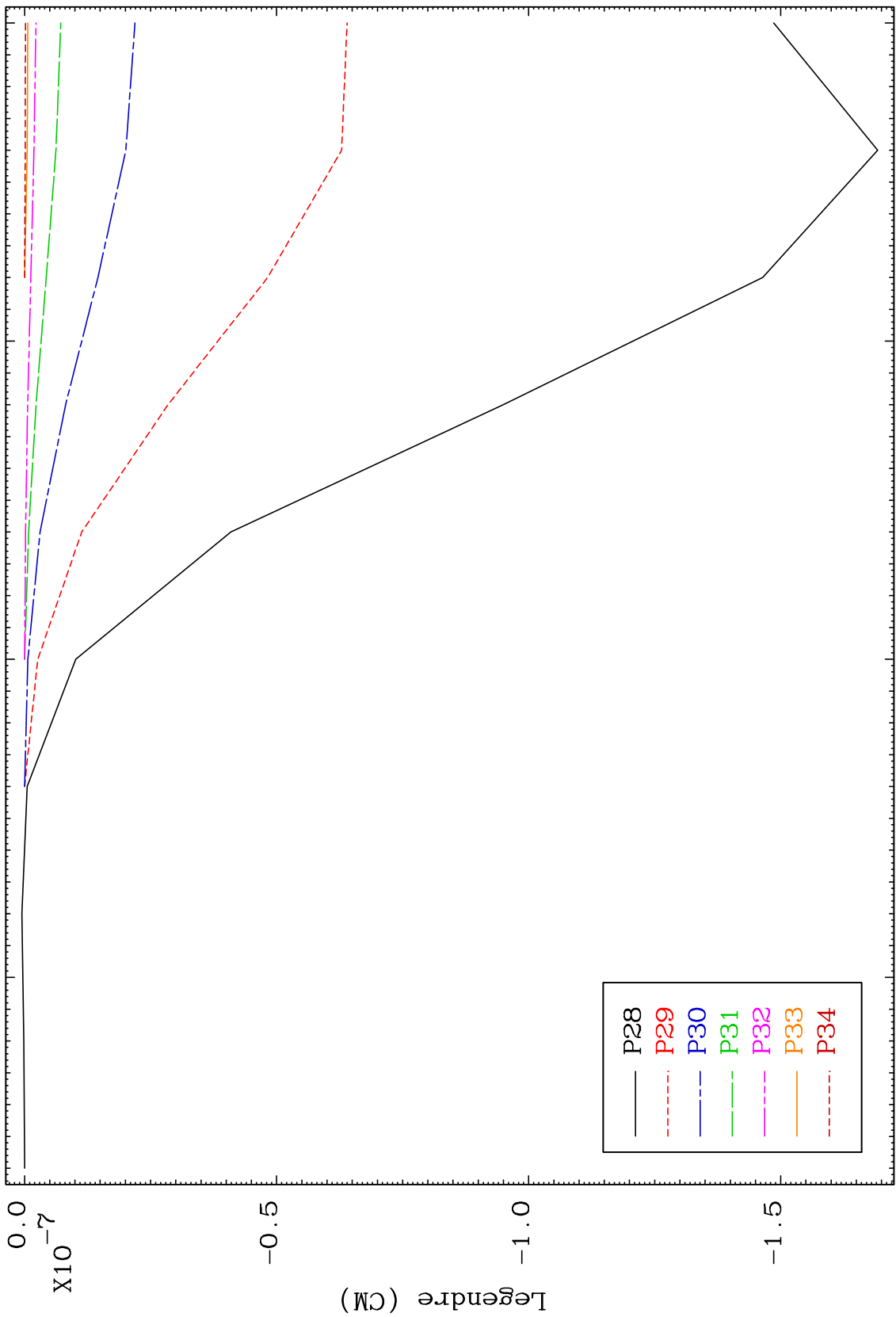
Incident Energy (MeV)

³⁵Br-77

MAT 3519

35-Br-77

Elastic Legendre Coefficients



19

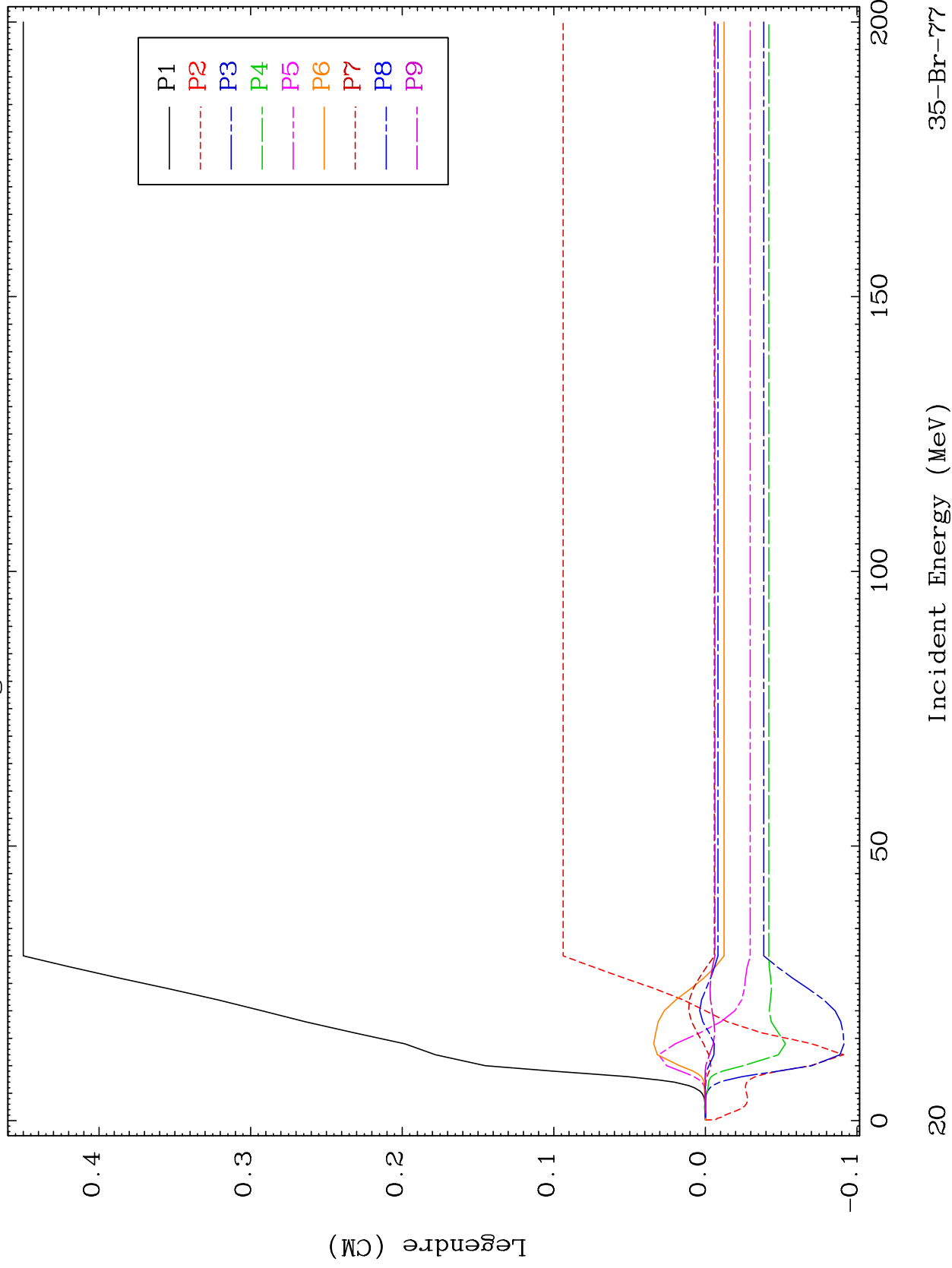
Incident Energy (MeV)

35-Br-77

MAT 3519

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

³⁵Br-⁷⁷



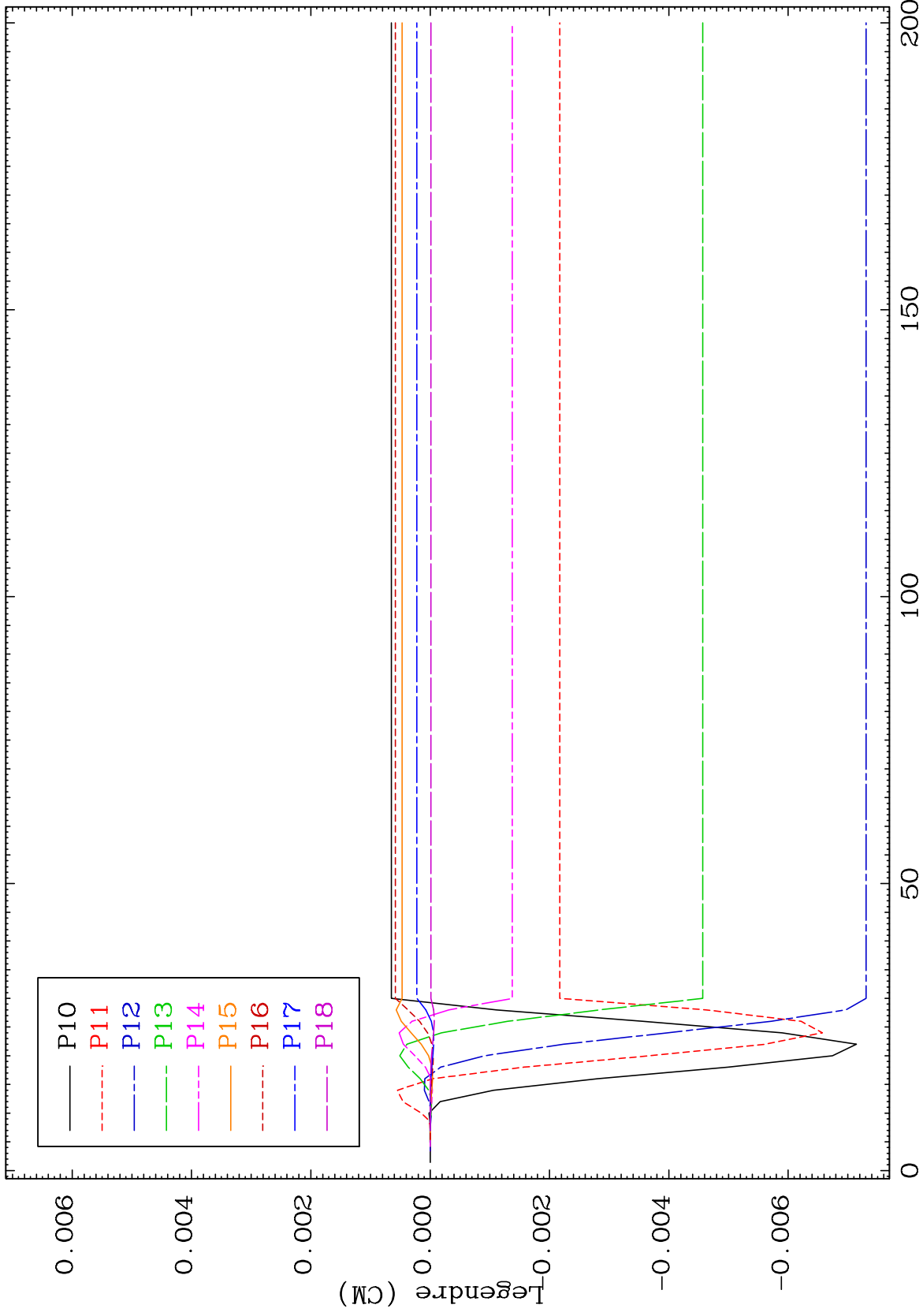
³⁵Br-⁷⁷

Incident Energy (MeV)

MAT 3519

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

35-Br-77



21

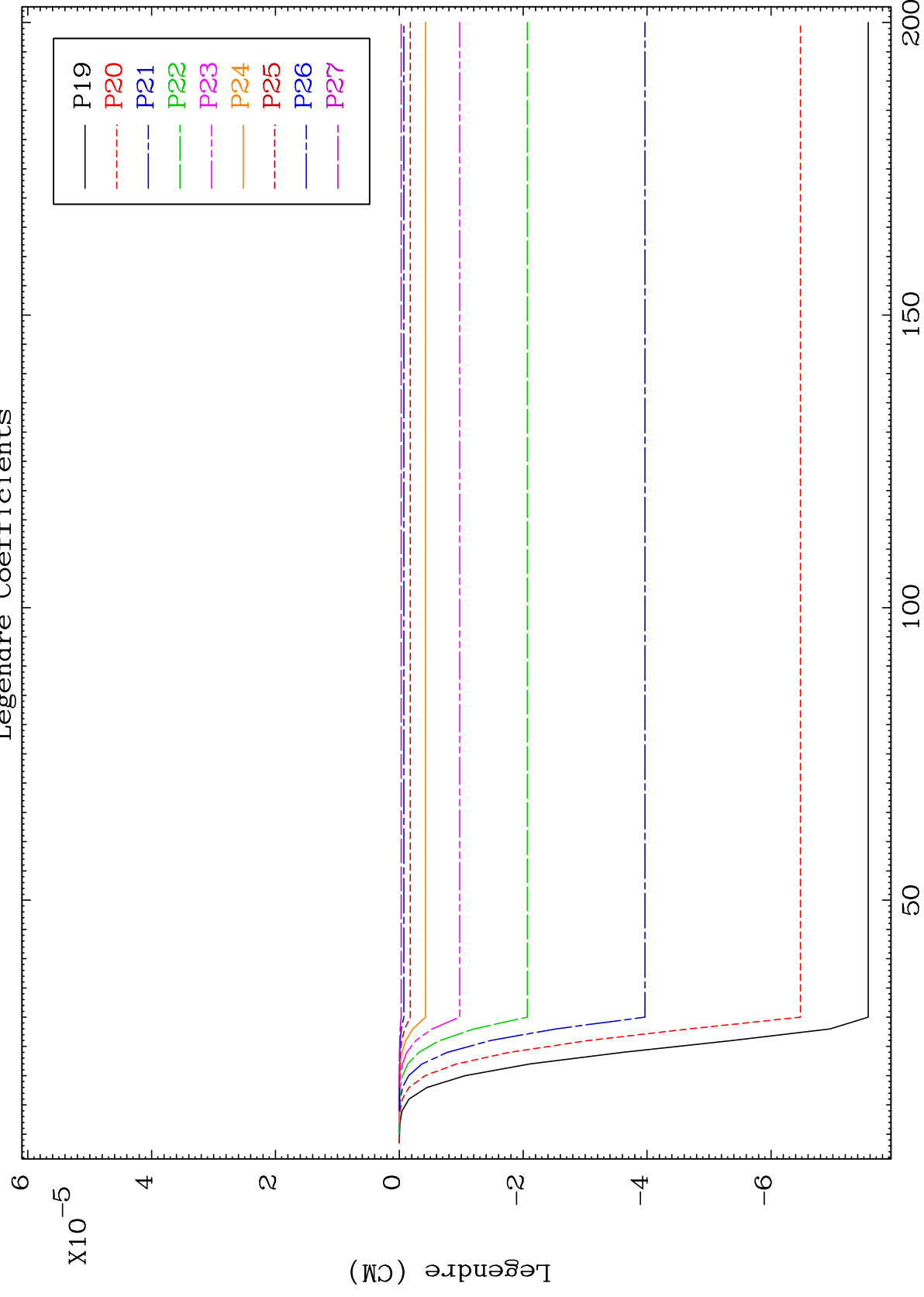
Incident Energy (MeV)

35-Br-77

MAT 3519

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

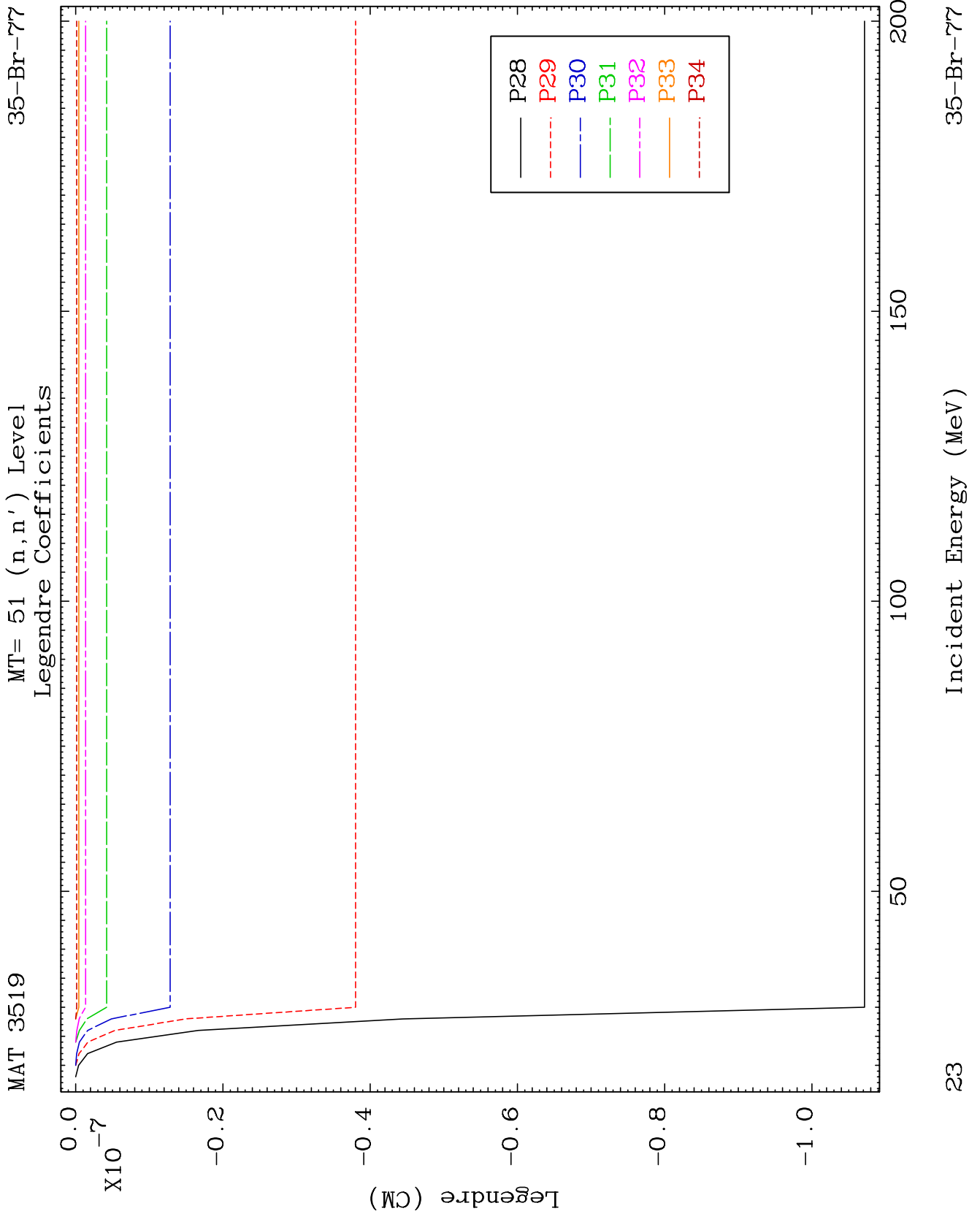
35-Br-77



22

Incident Energy (MeV)

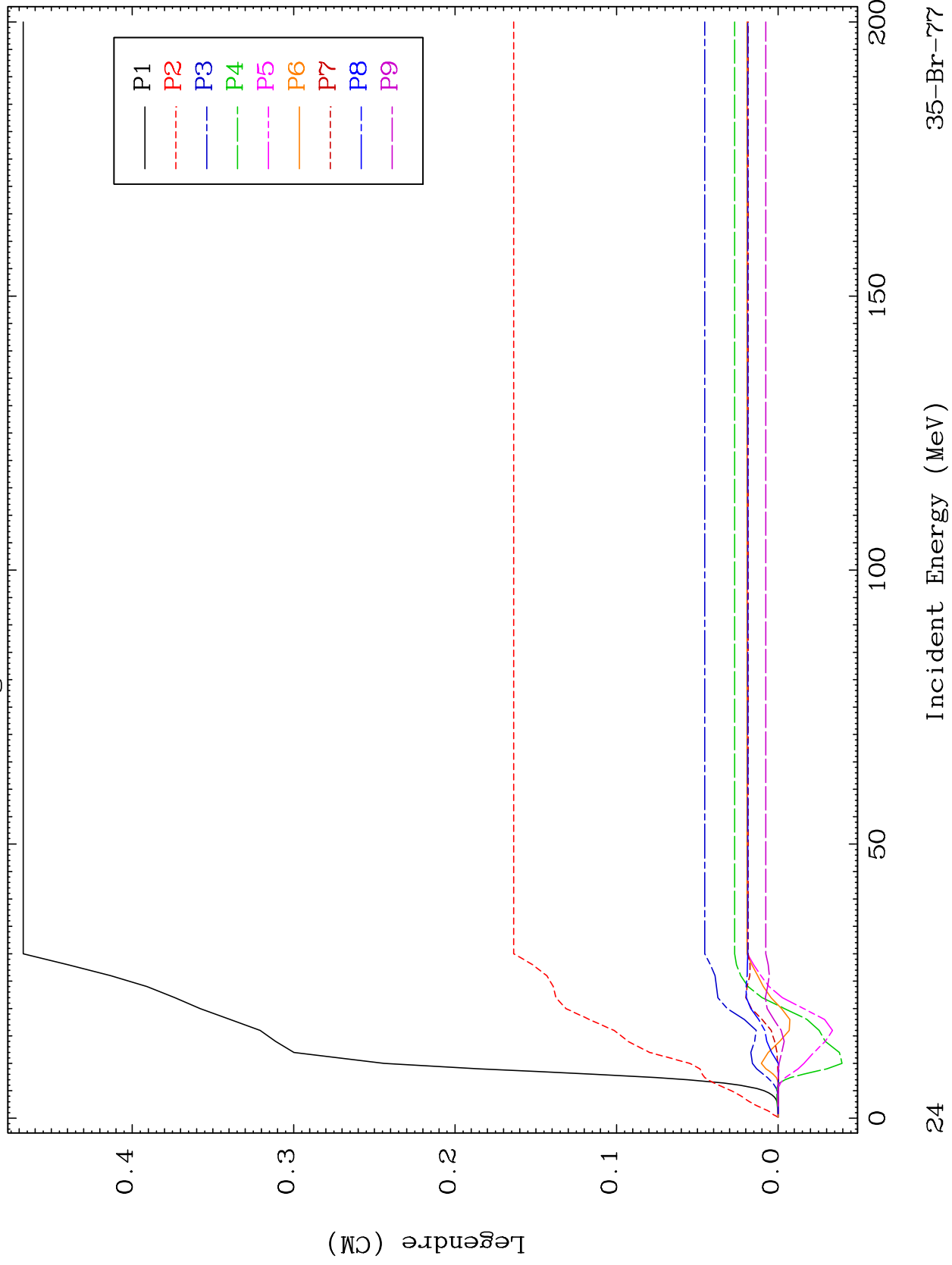
35-Br-77



MAT 3519

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

³⁵Br-77



³⁵Br-77

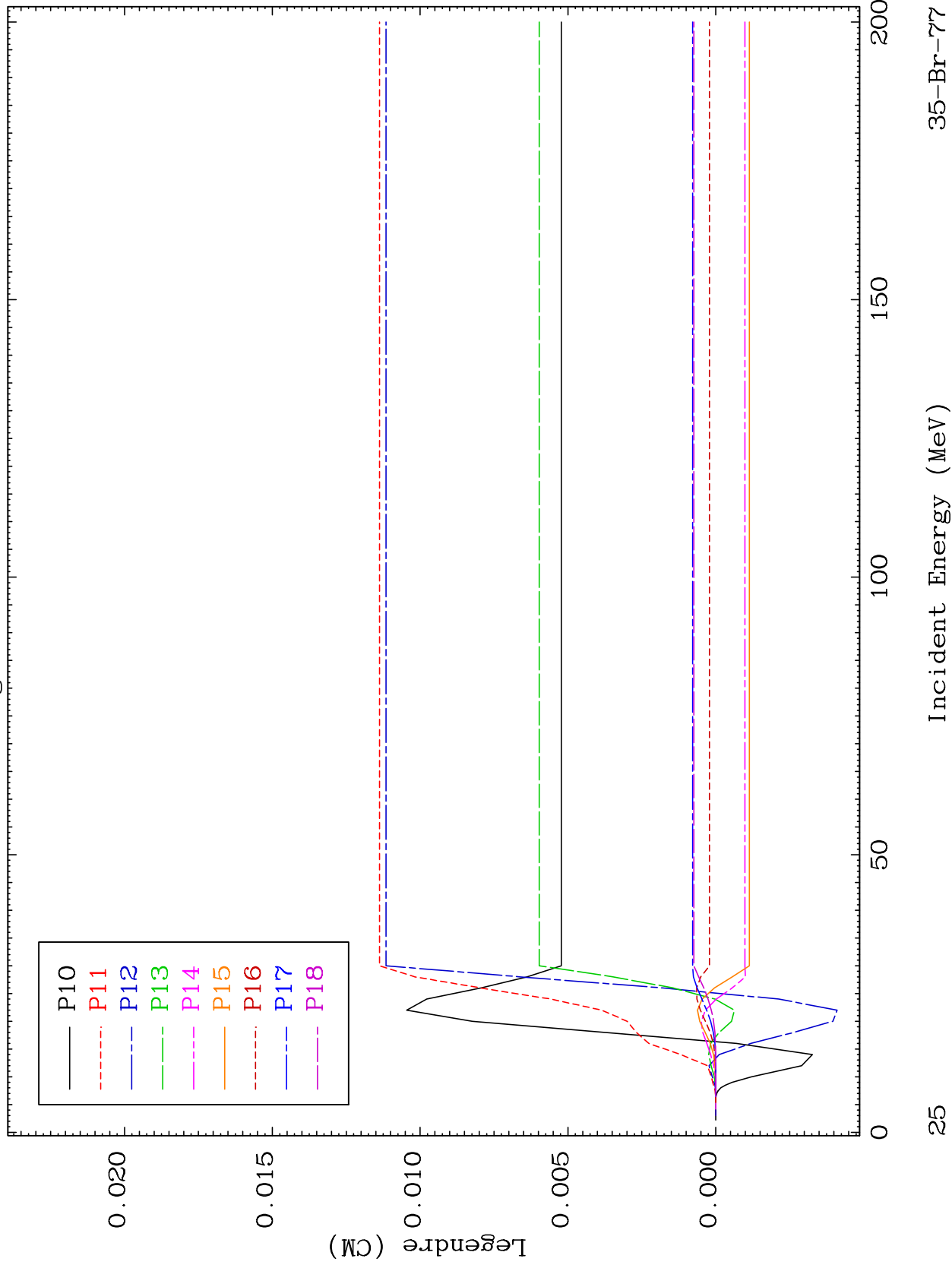
Incident Energy (MeV)

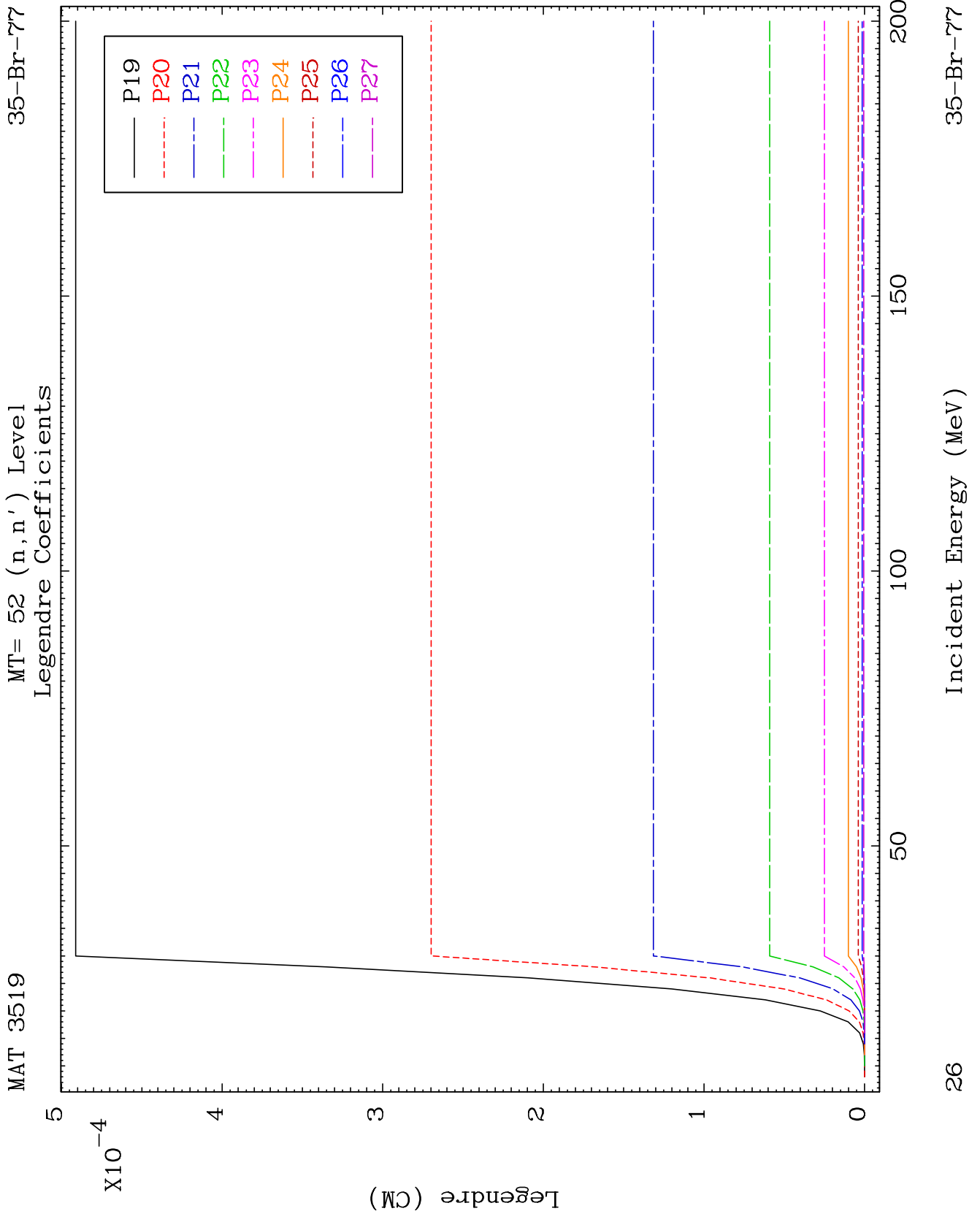
24

MAT 3519

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

35-Br-77

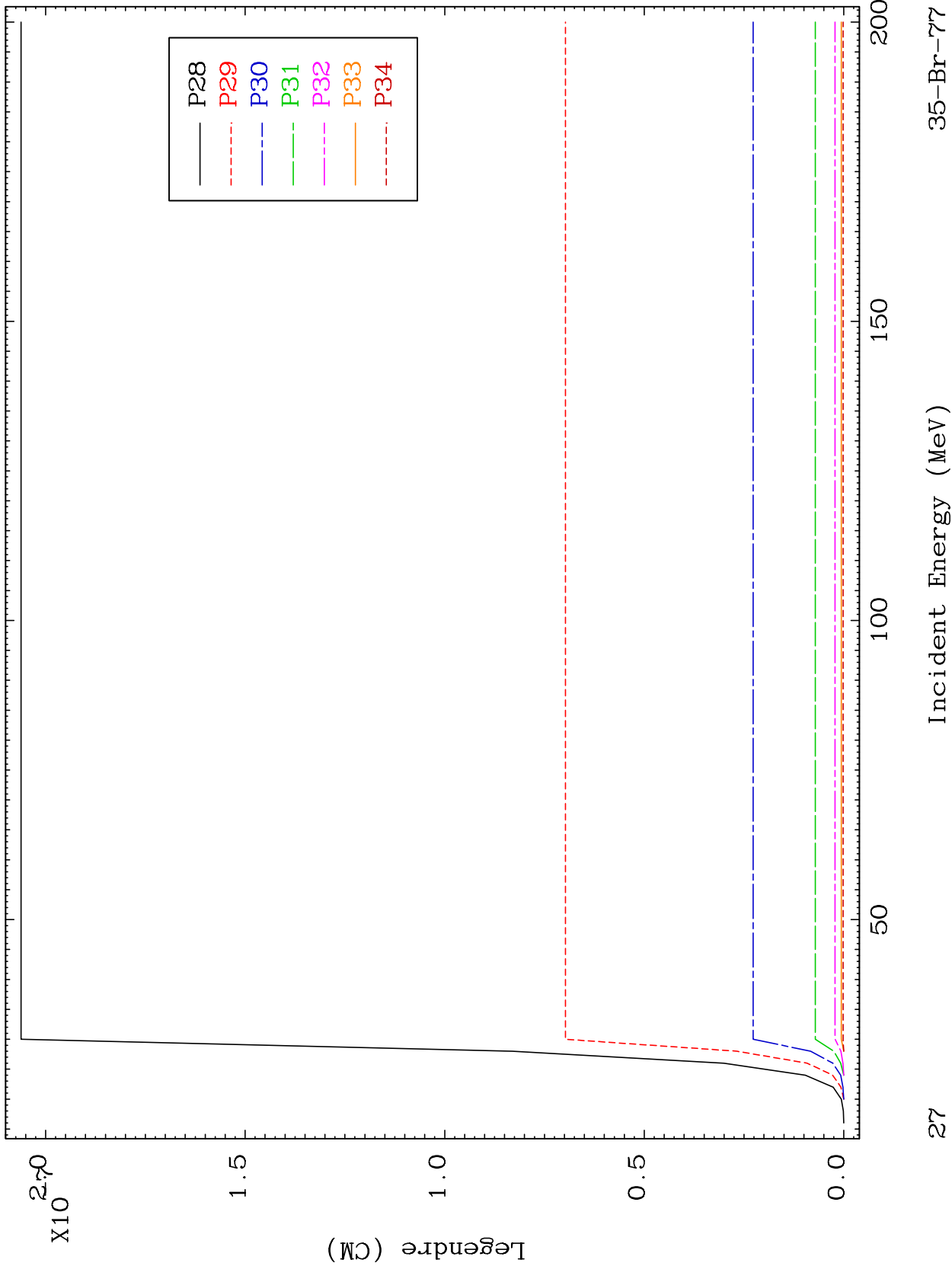




MAT 3519

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

35-Br-77

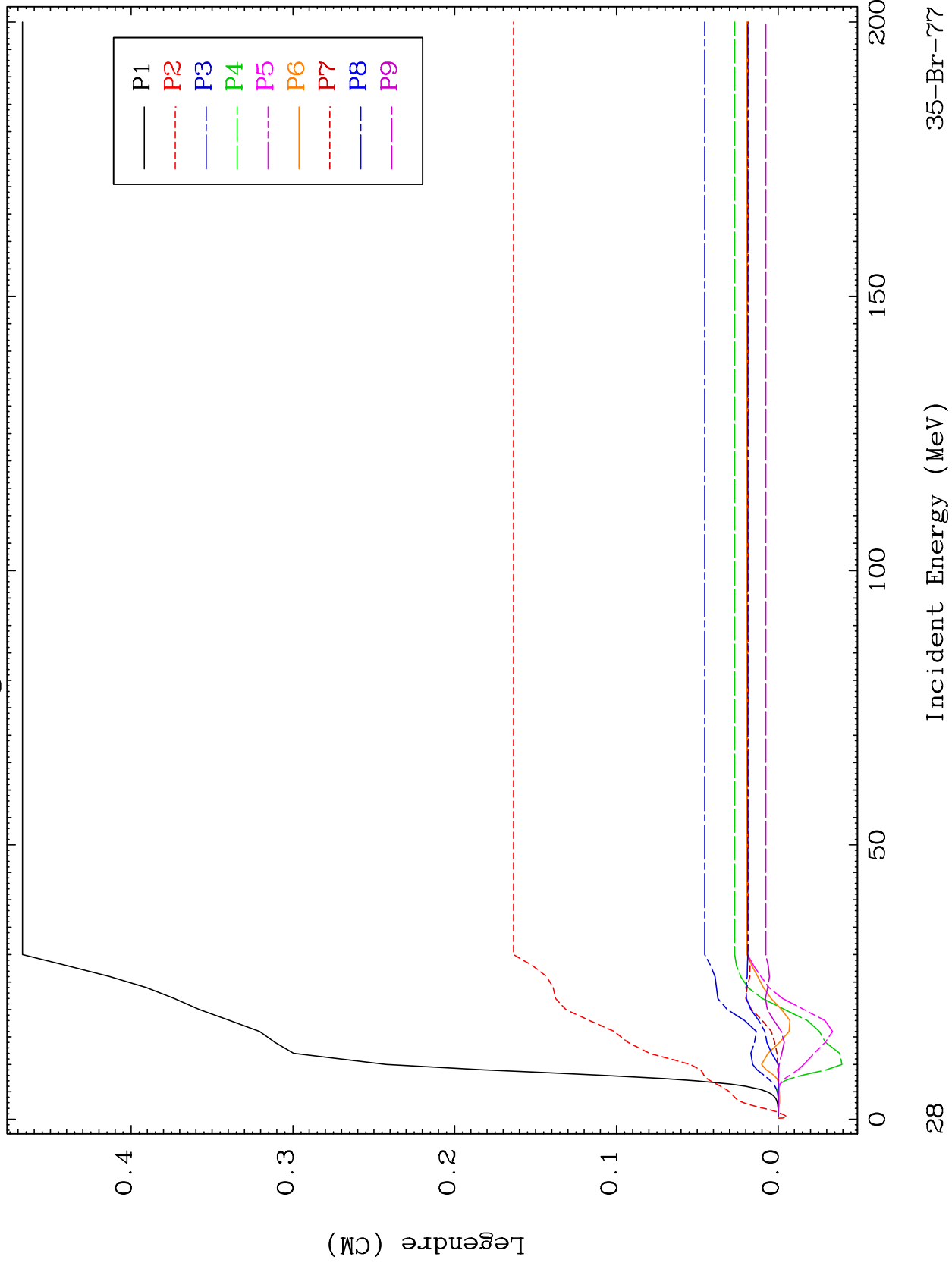


27

MAT 3519

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

35-Br-77



35-Br-77

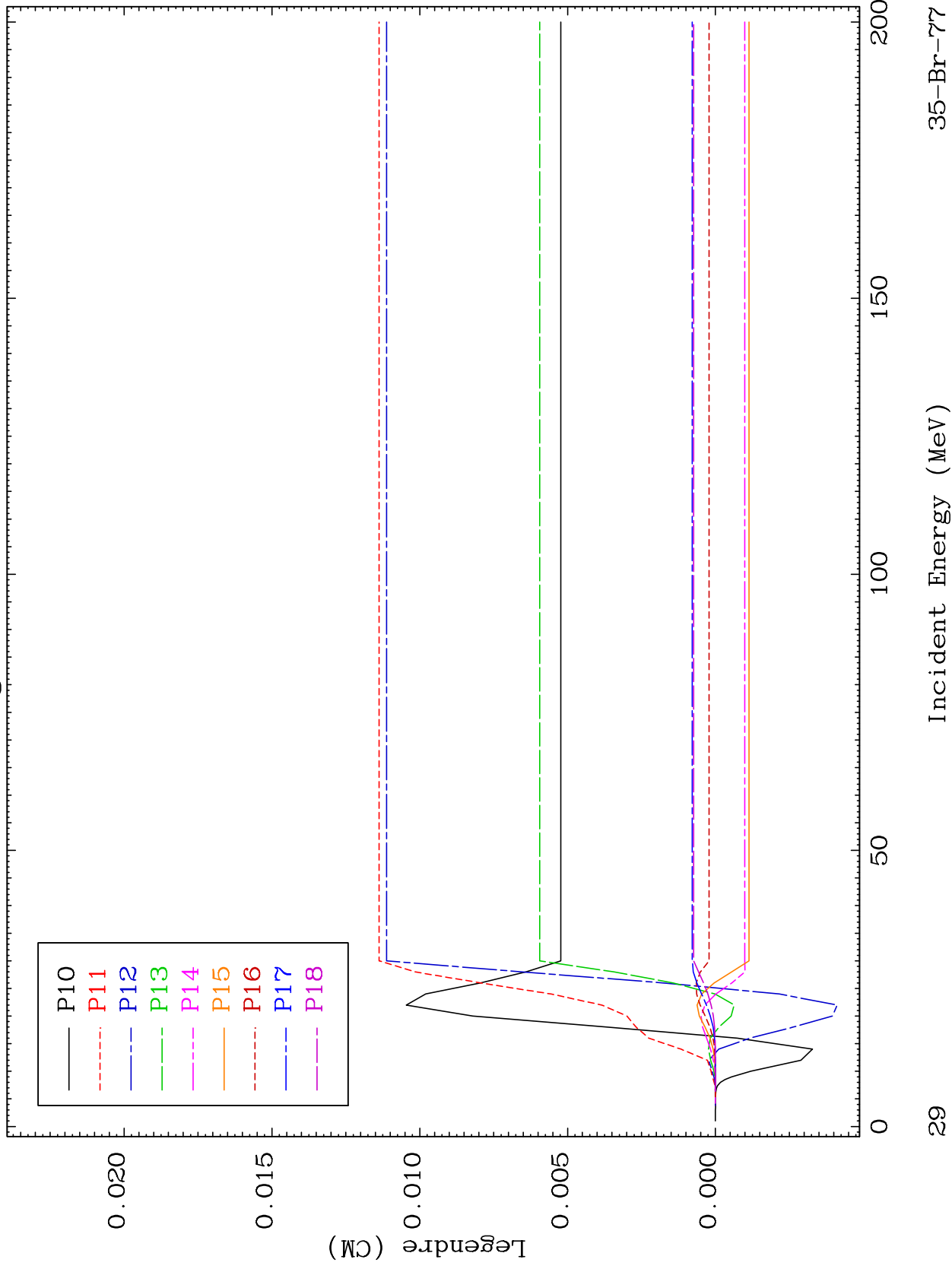
Incident Energy (MeV)

28

MAT 3519

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

35-Br-77



29

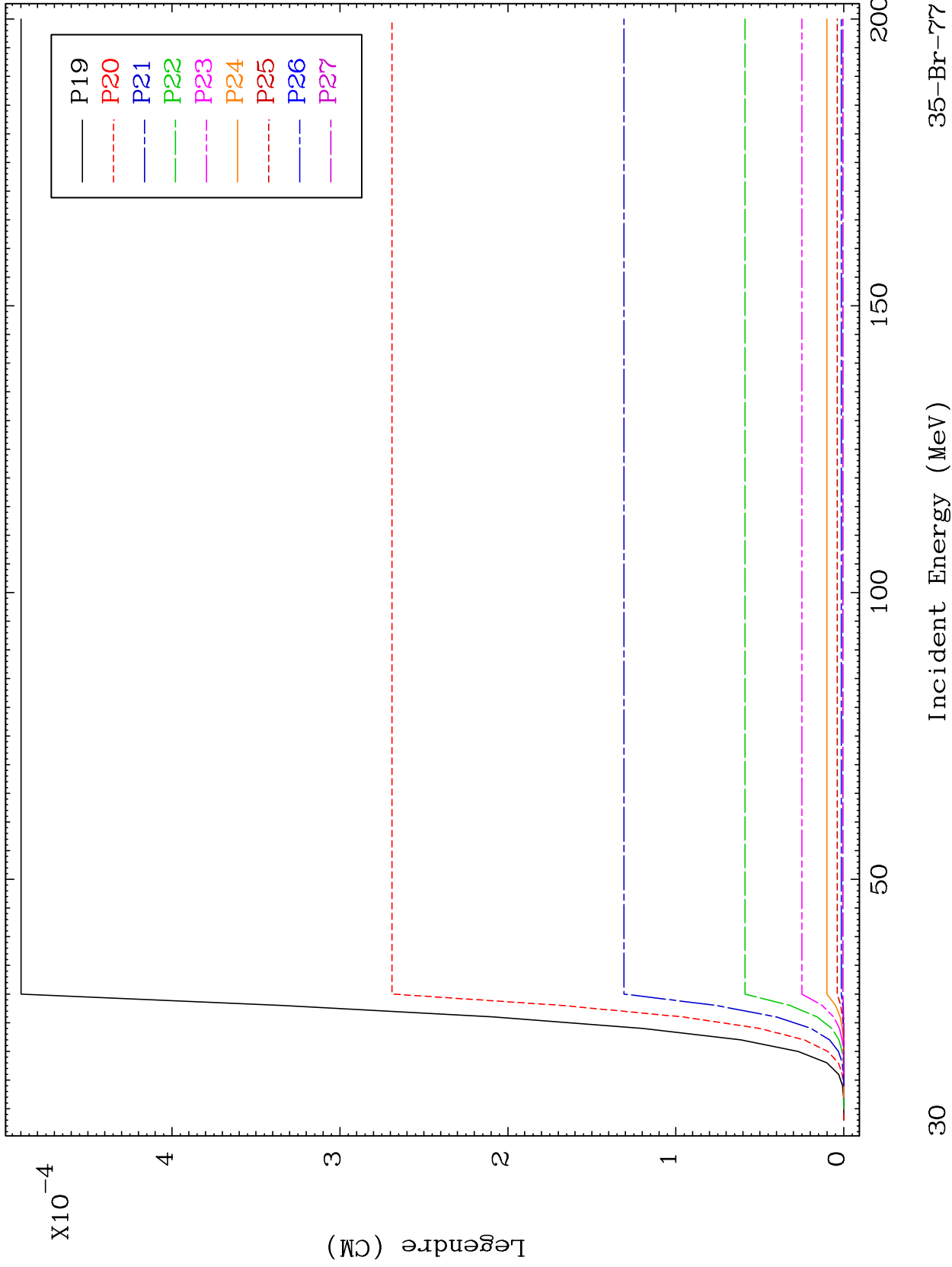
Incident Energy (MeV)

35-Br-77

MAT 3519

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

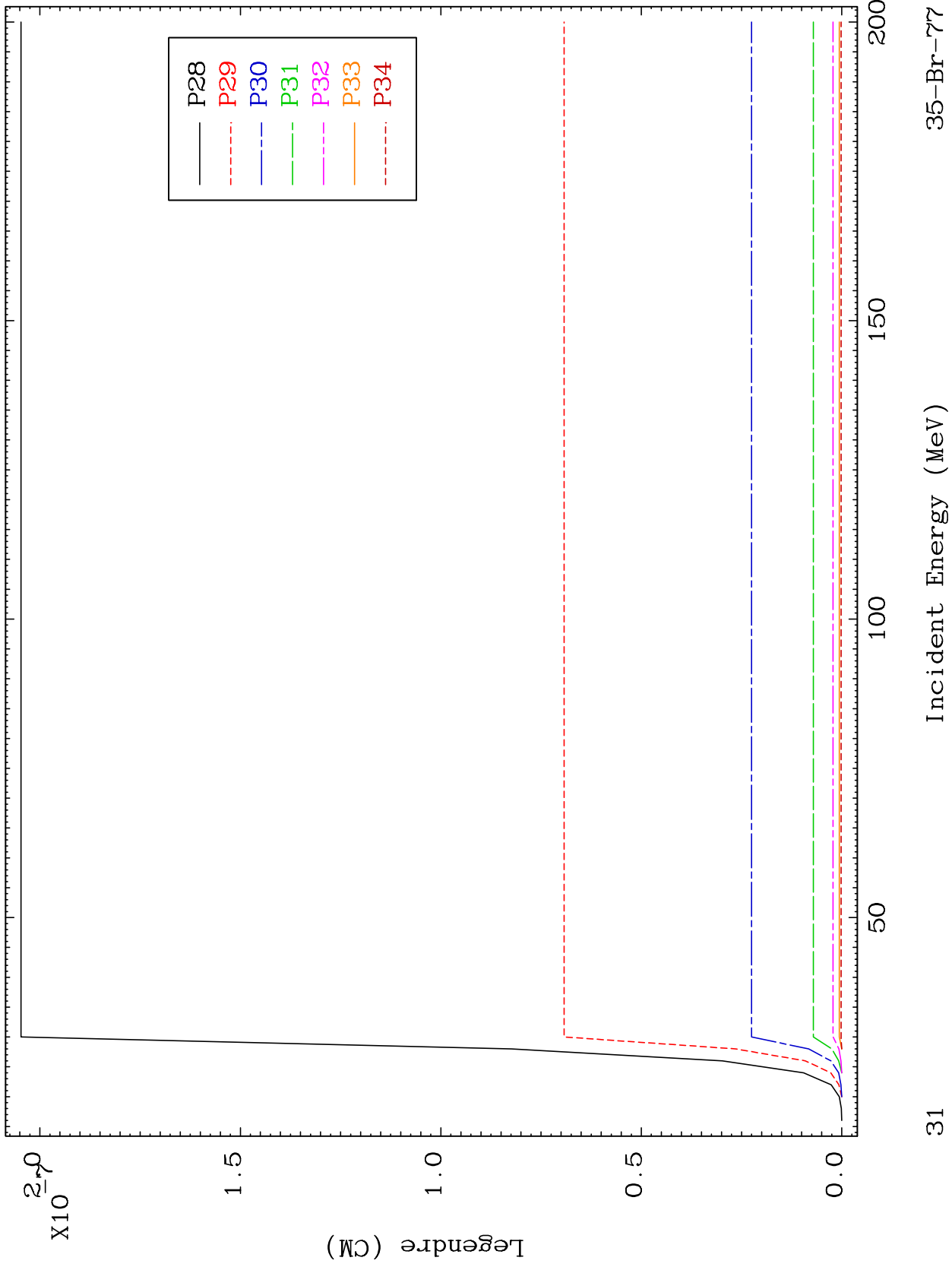
35-Br-77

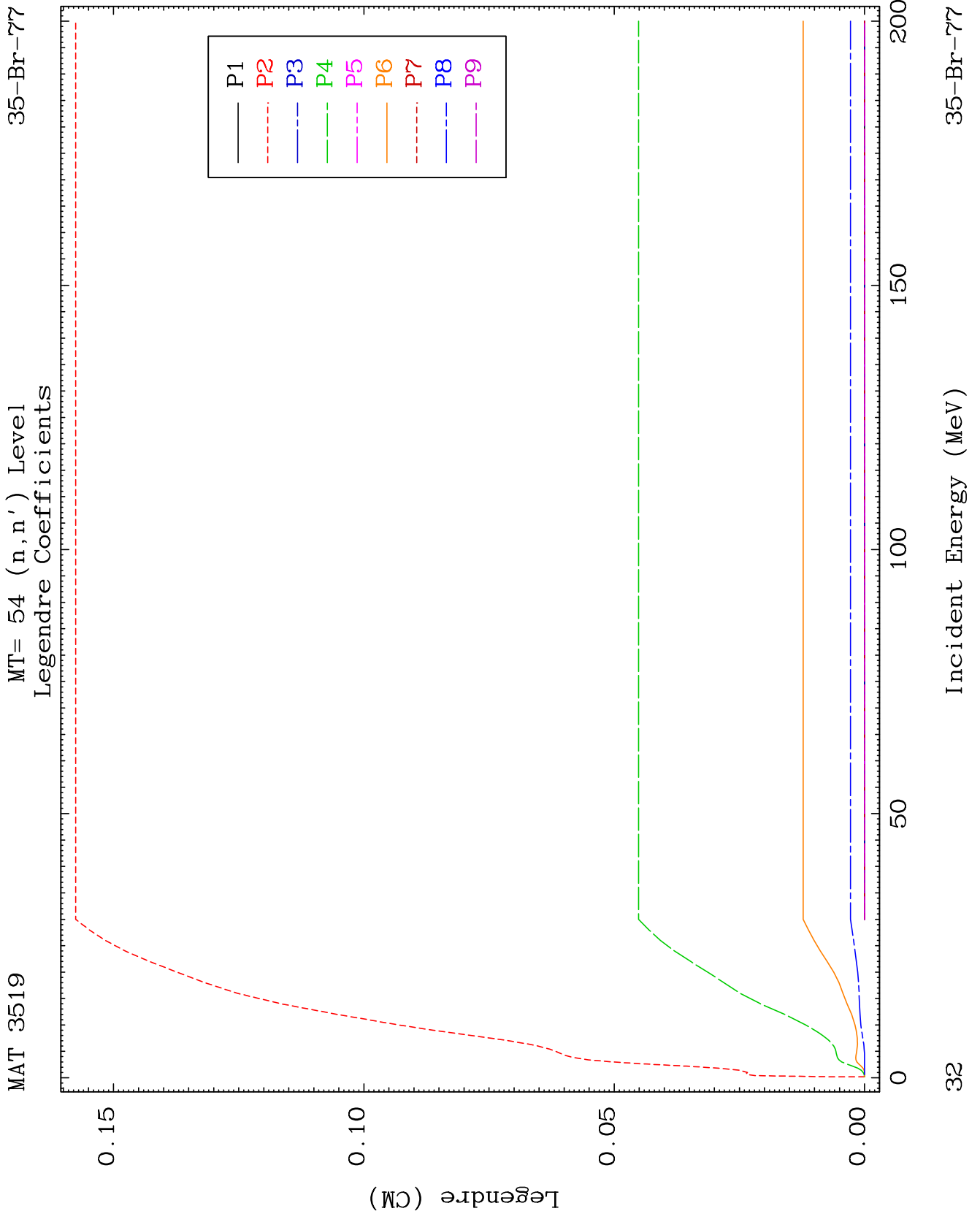


MAT 3519

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

35-Br-77

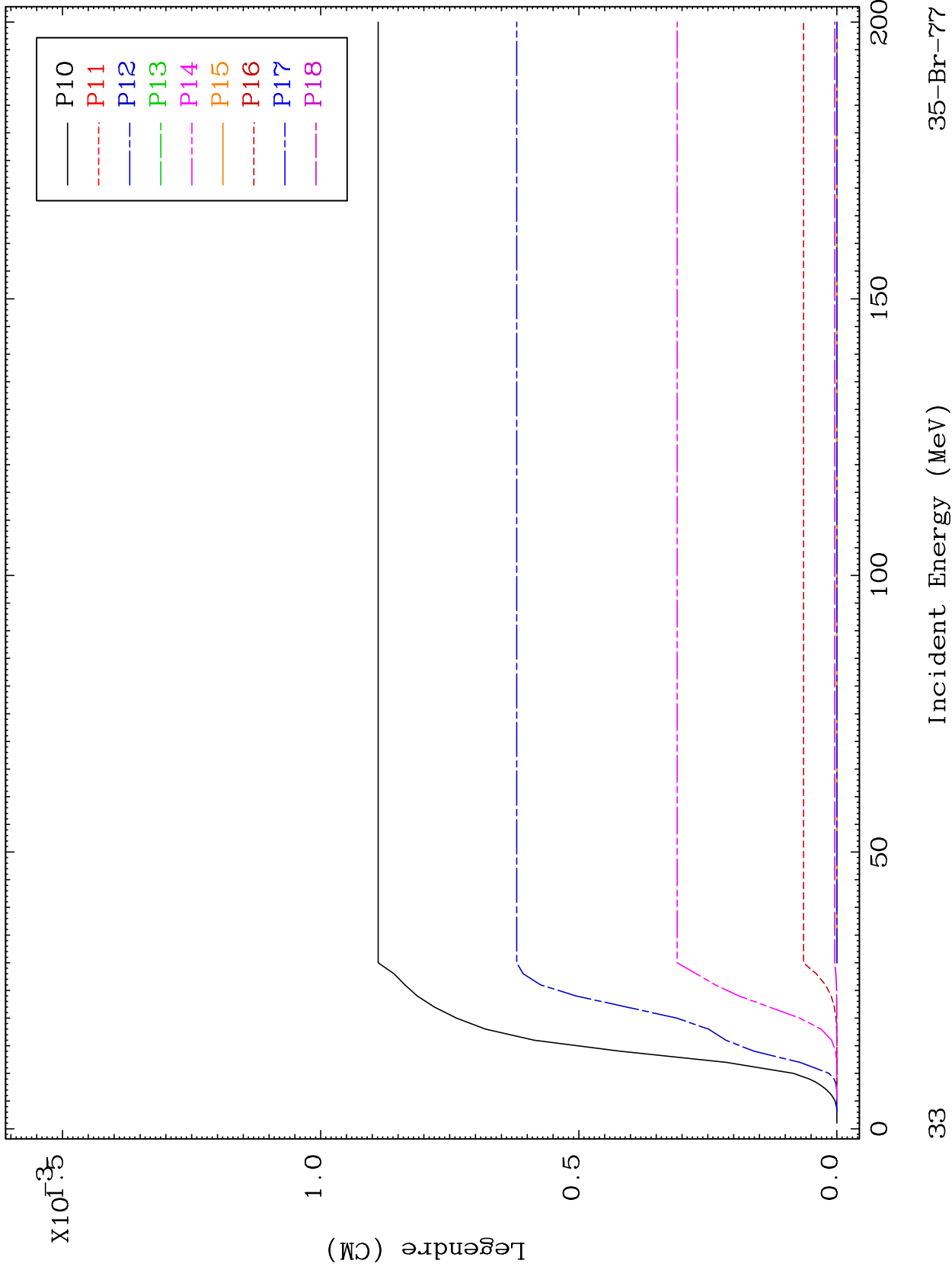




MAT 3519

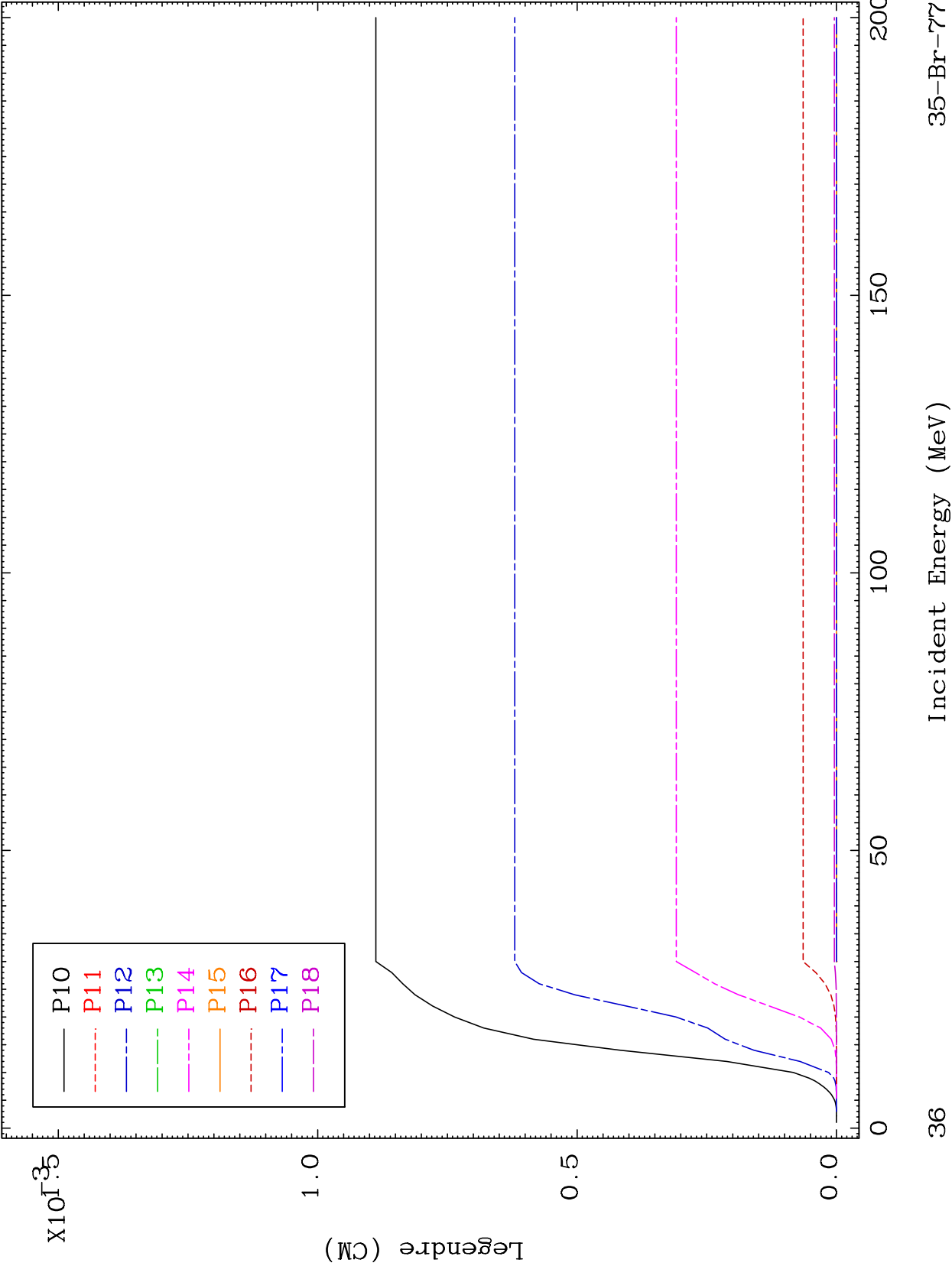
MT= 54 (n,n') Level
Legendre Coefficients

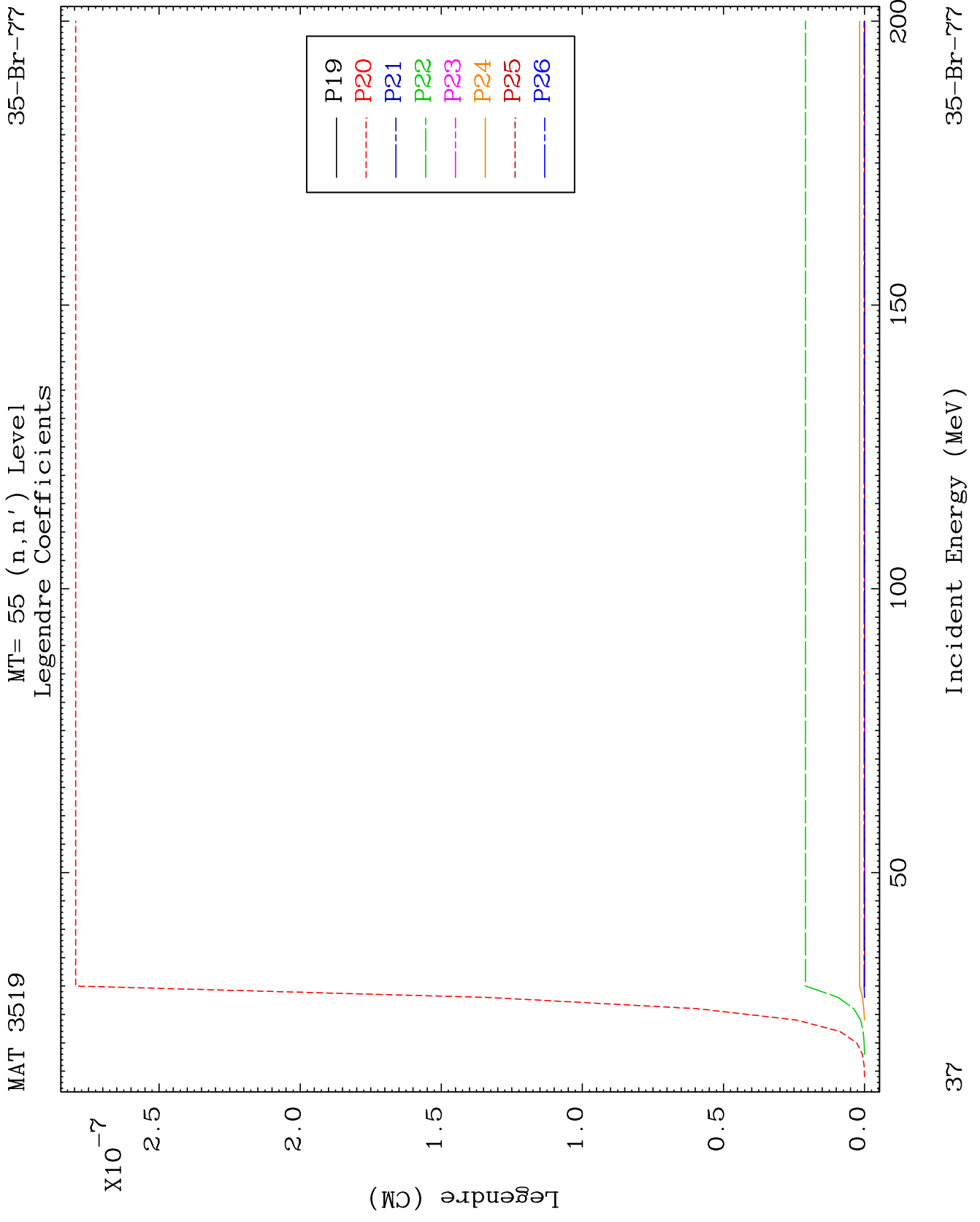
35-Br-77



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35-Br-77

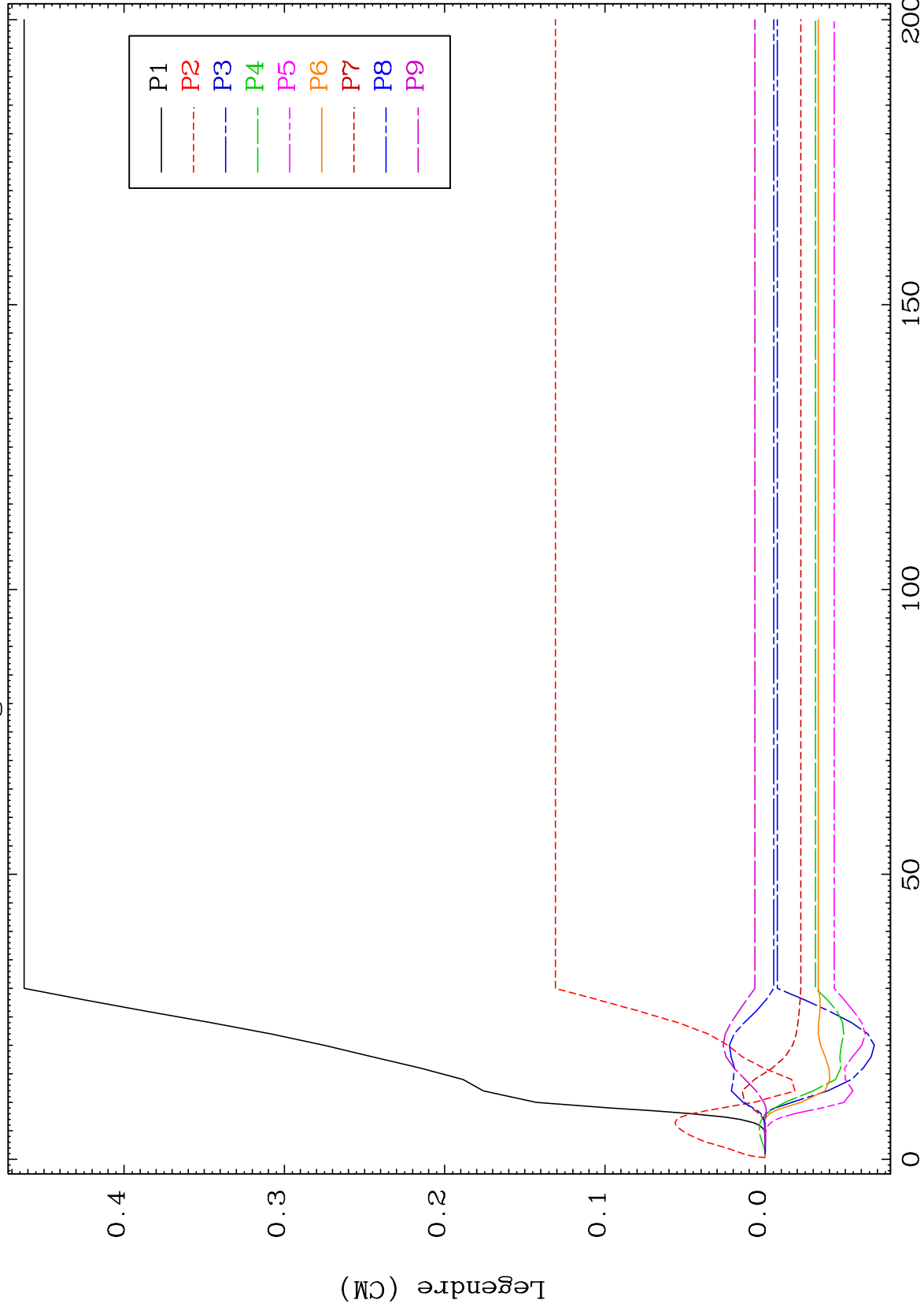




MAT 3519

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

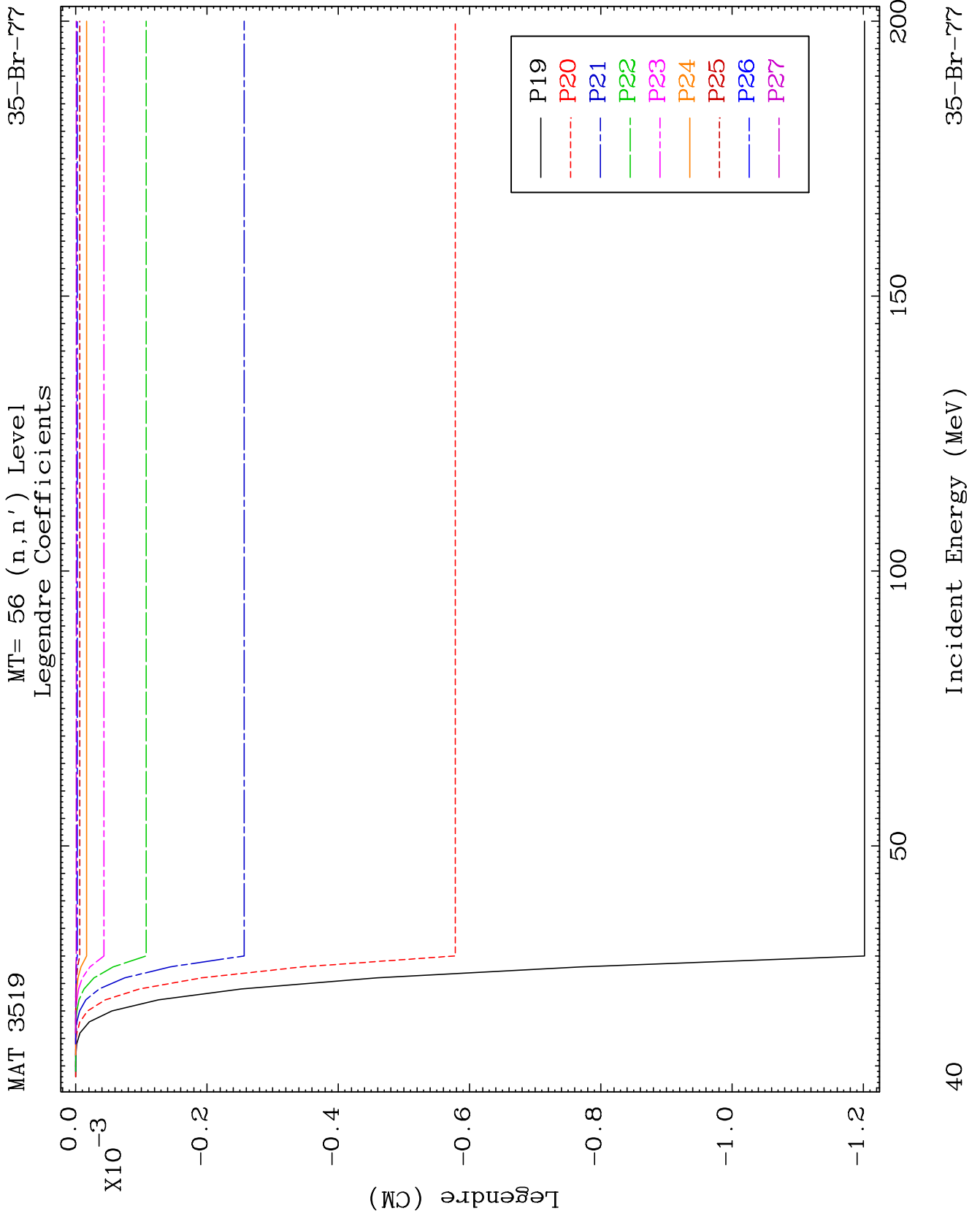
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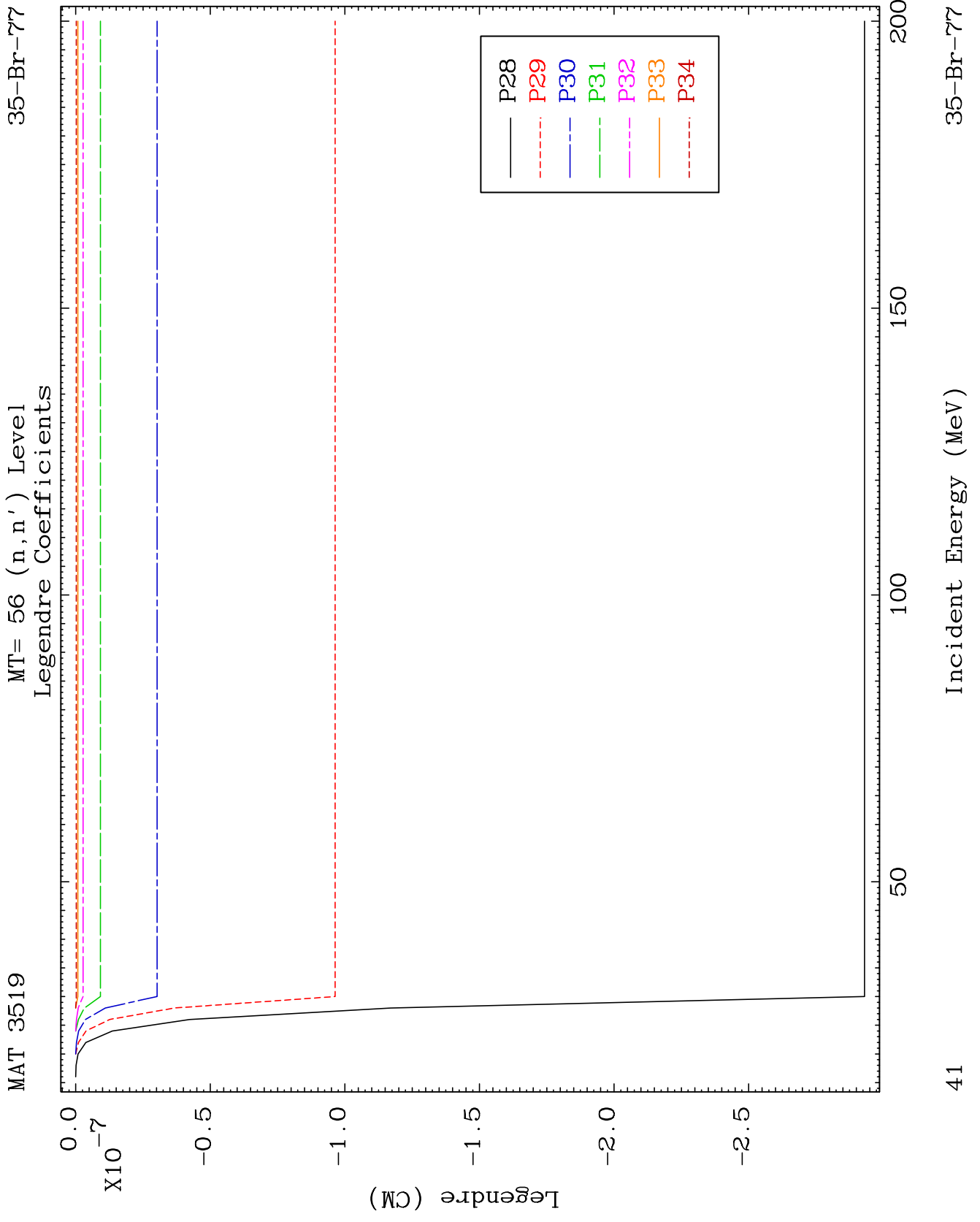


38

Incident Energy (MeV)

35-Br-77

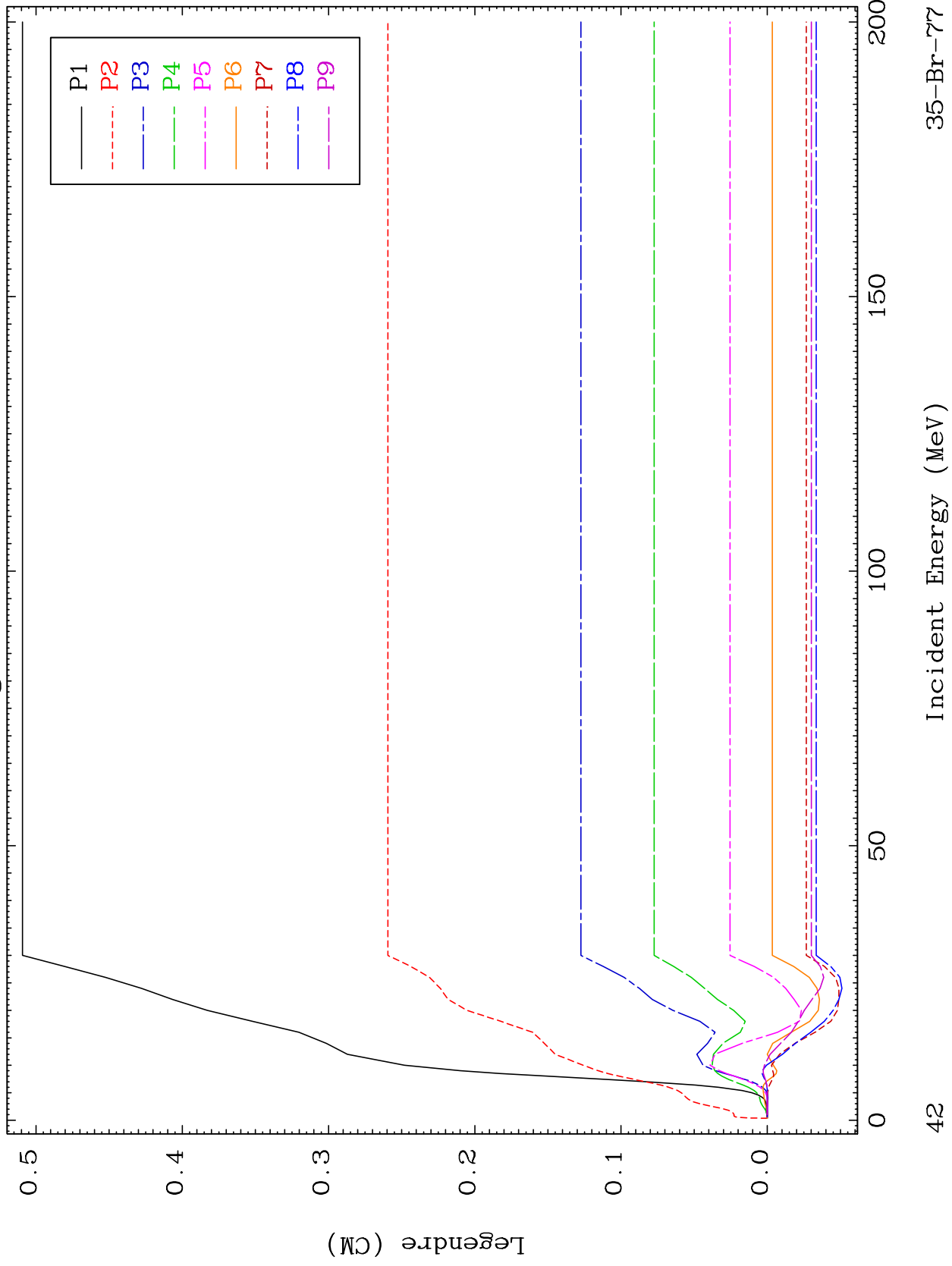




MAT 3519

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

35-Br-77



35-Br-77

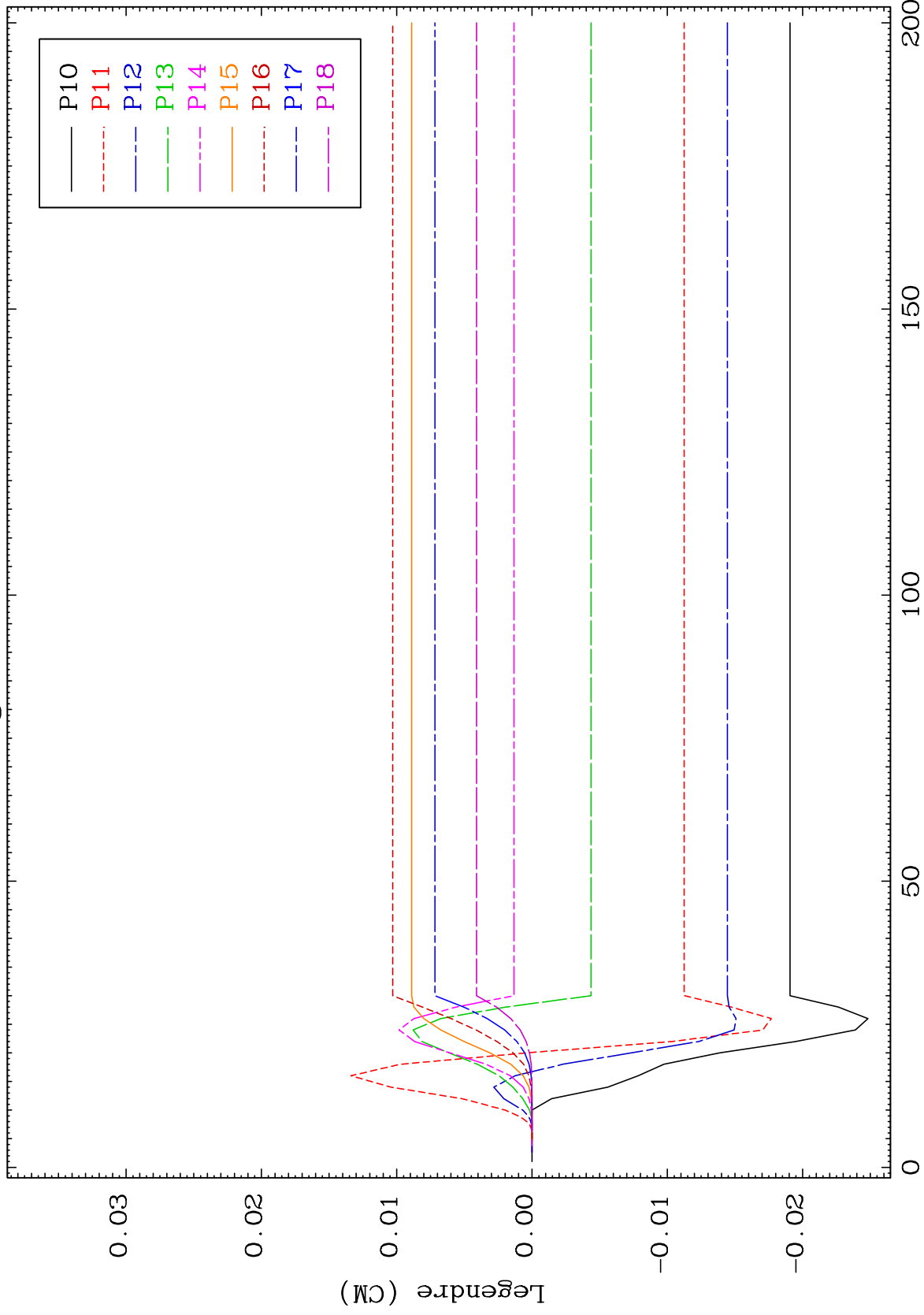
Incident Energy (MeV)

42

MAT 3519

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

35-Br-77



43

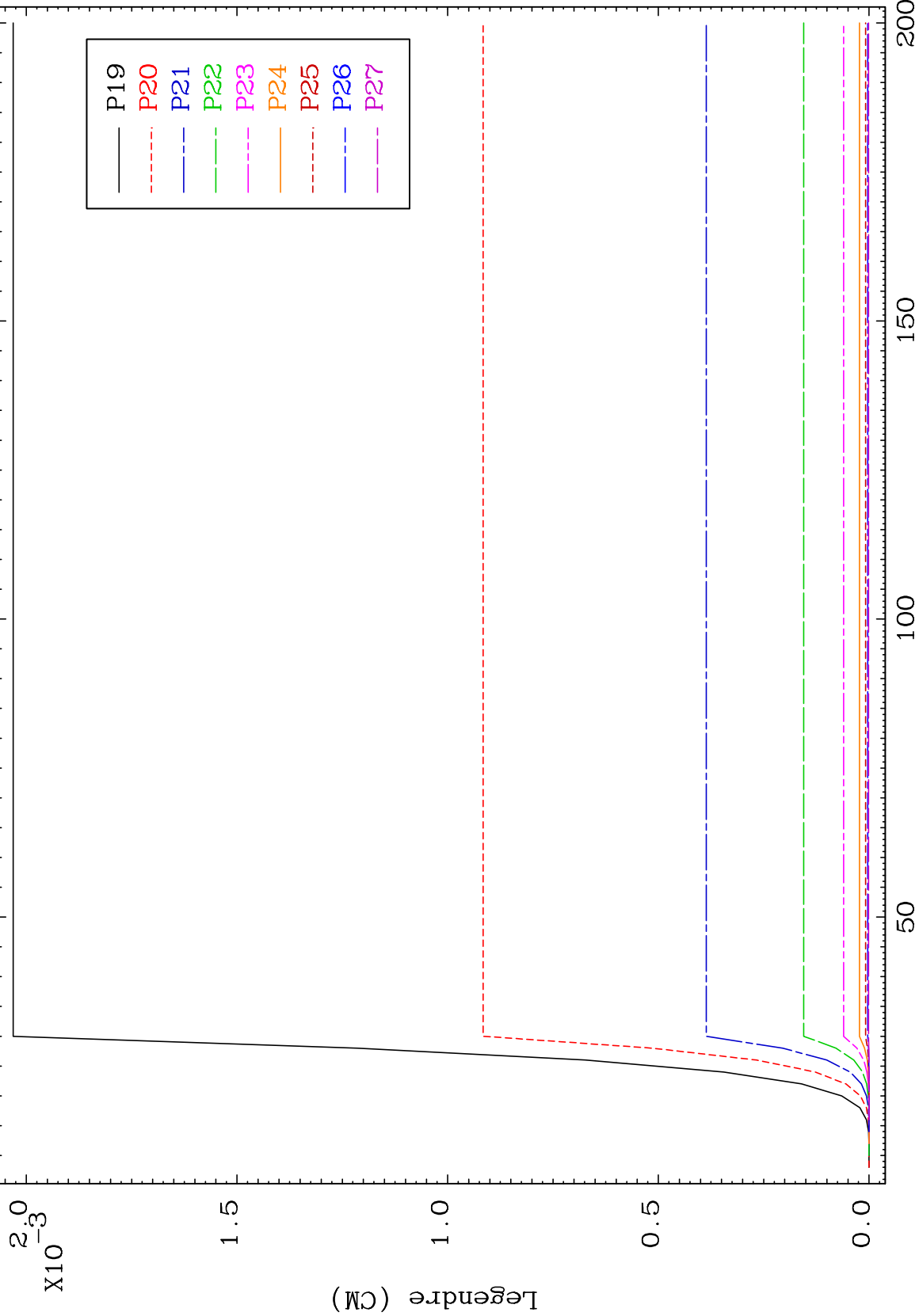
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



44

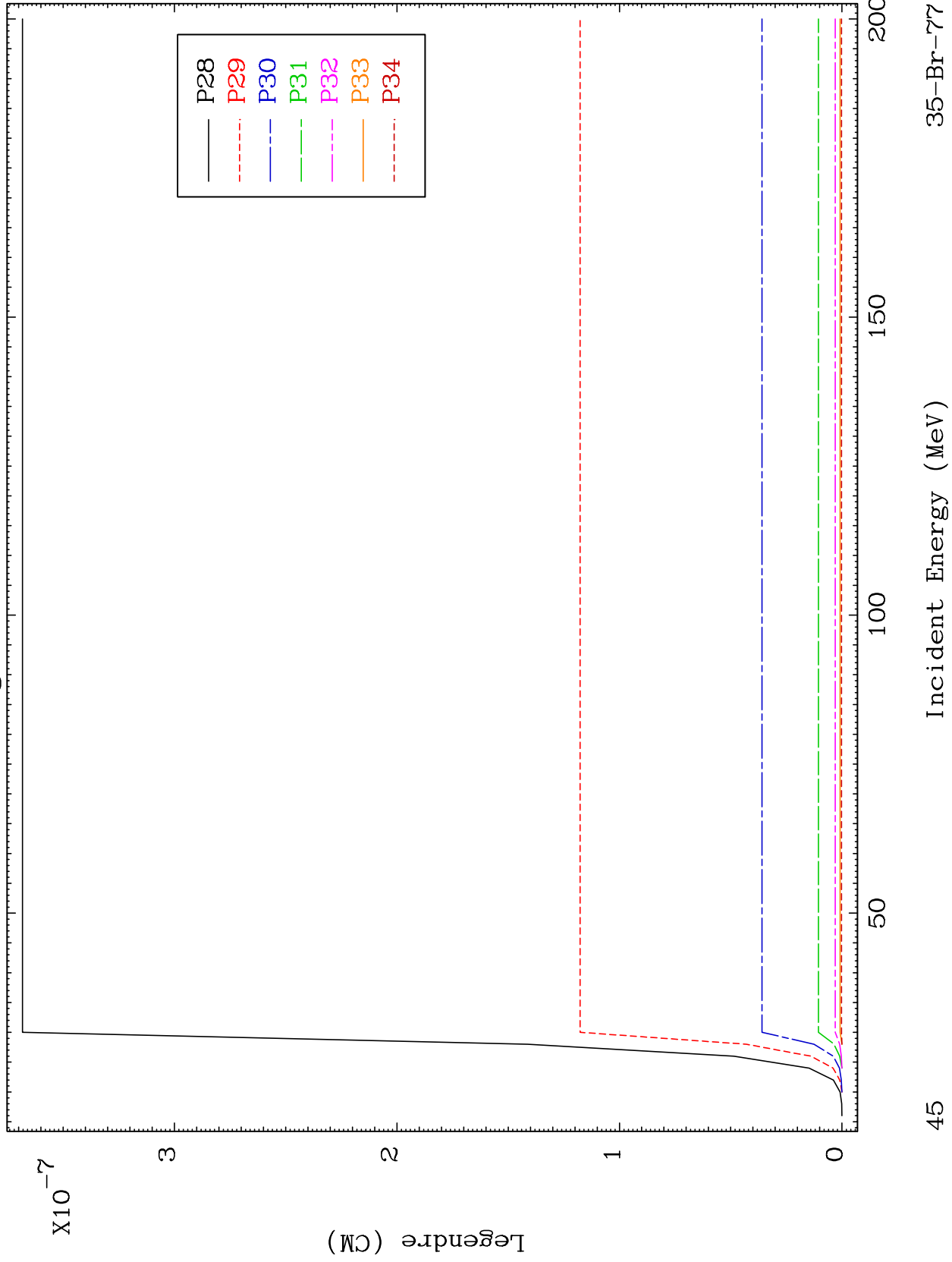
Incident Energy (MeV)

35-Br-77

MAT 3519

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

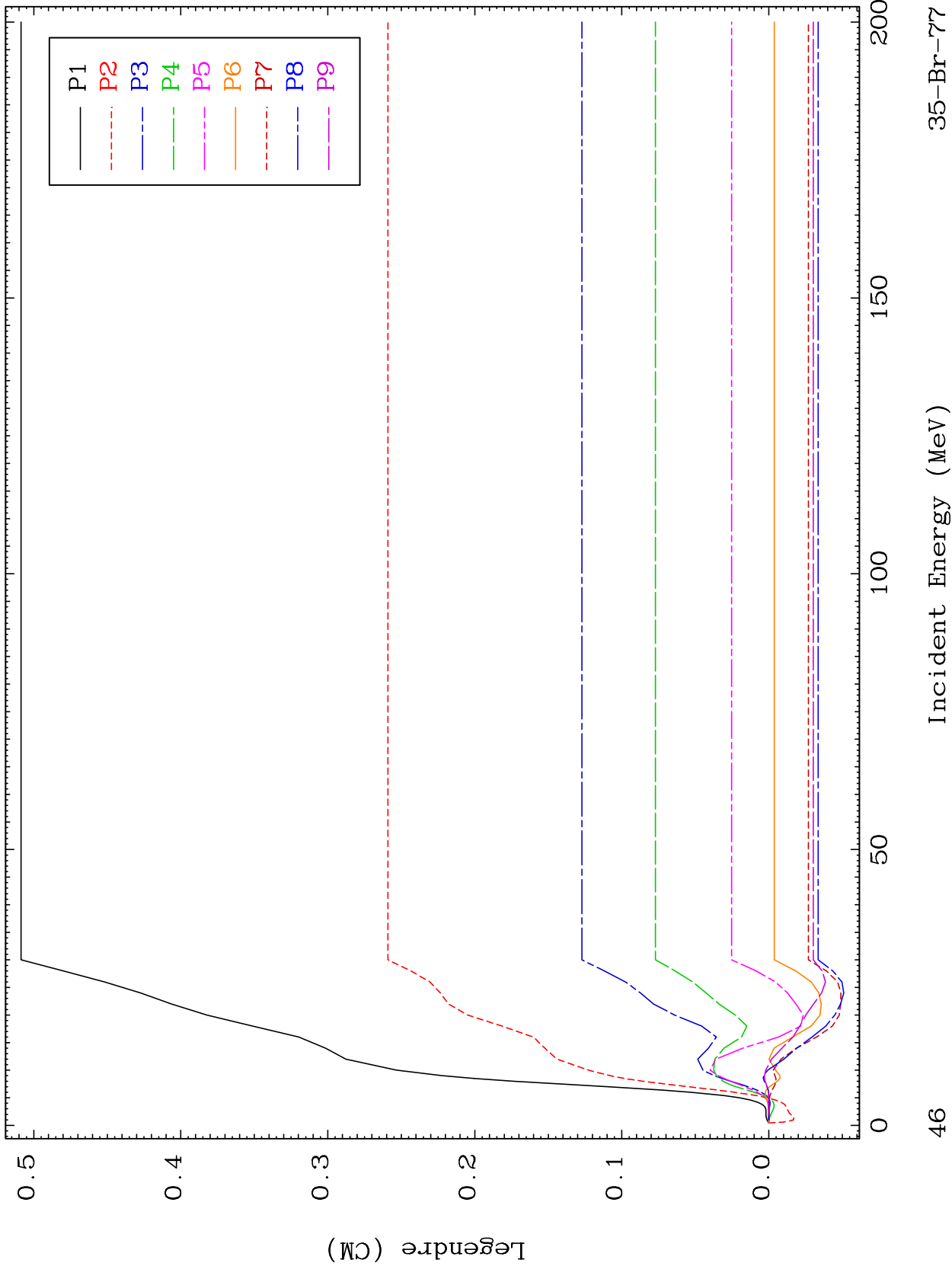
35-Br-77



MAT 3519

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

35-Br-77



35-Br-77

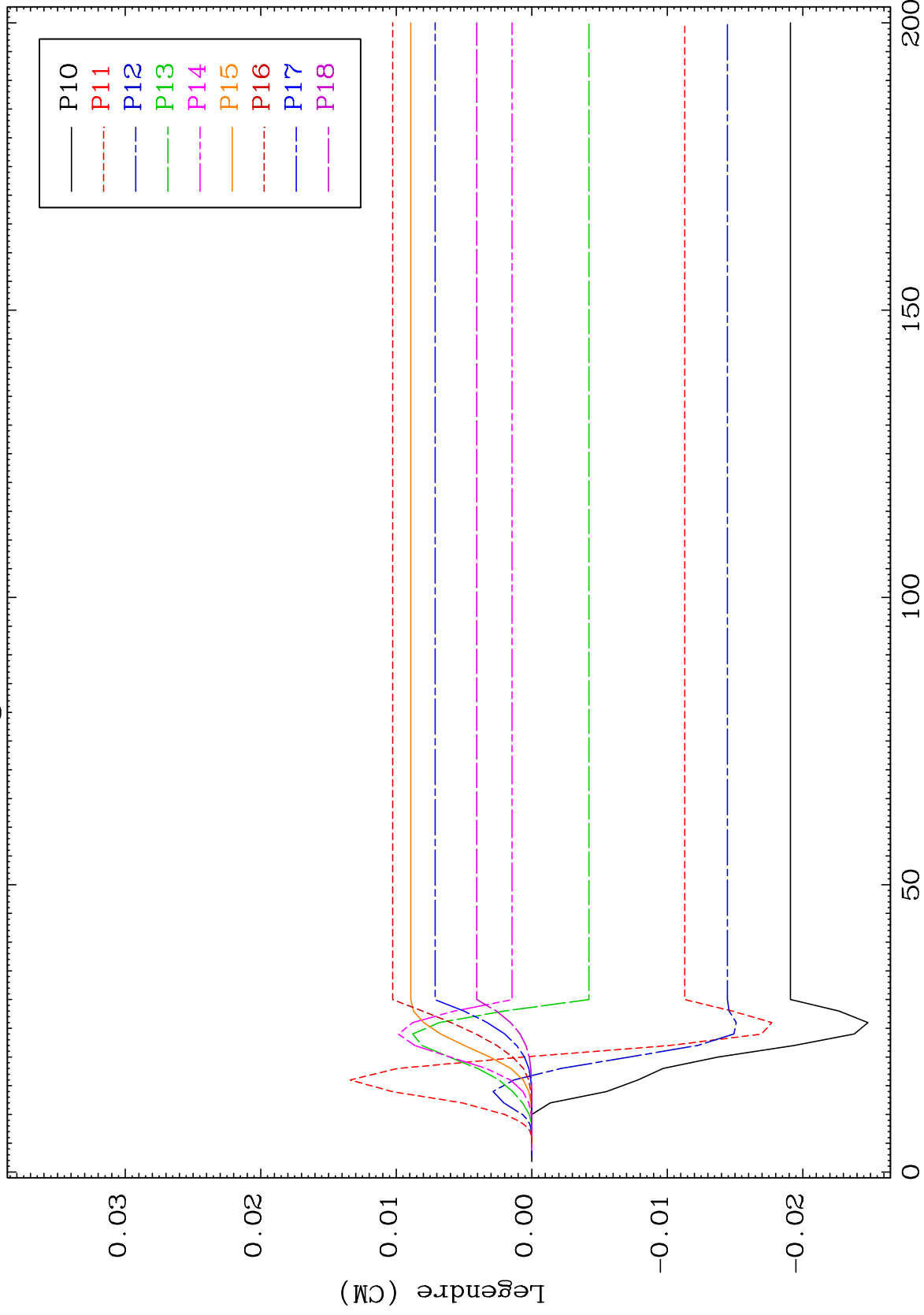
Incident Energy (MeV)

46

MAT 3519

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

35-Br-77



47

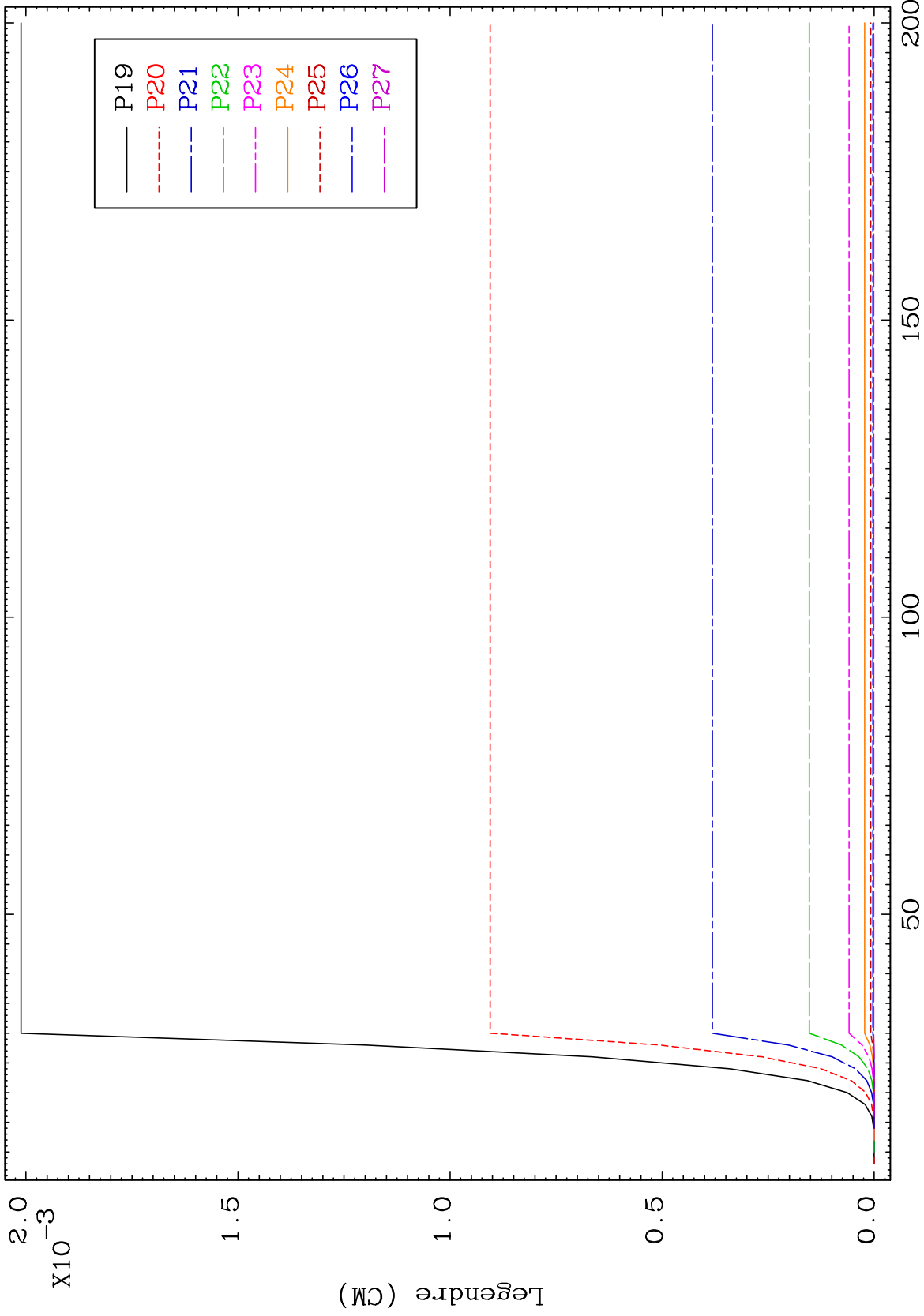
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



48

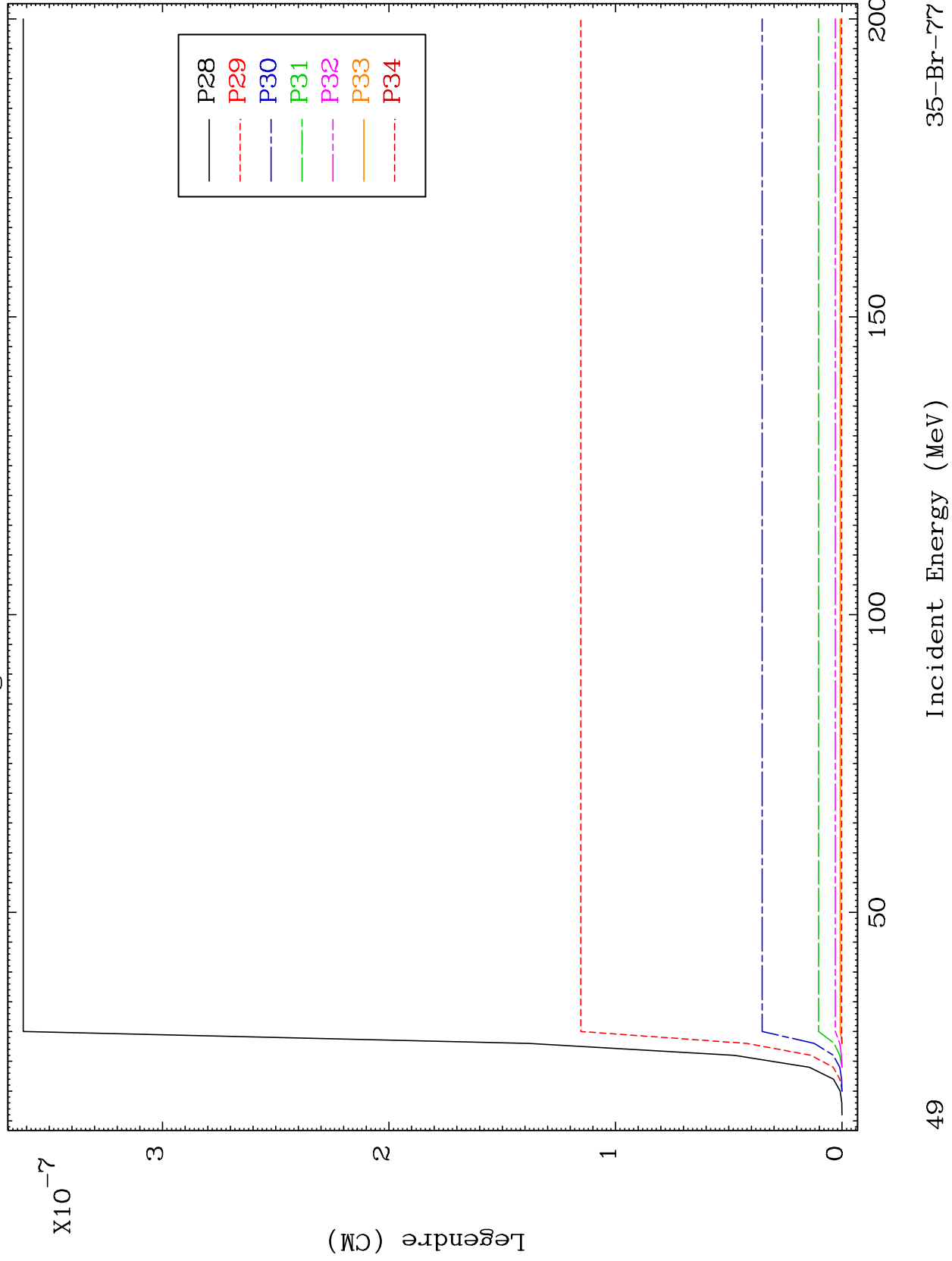
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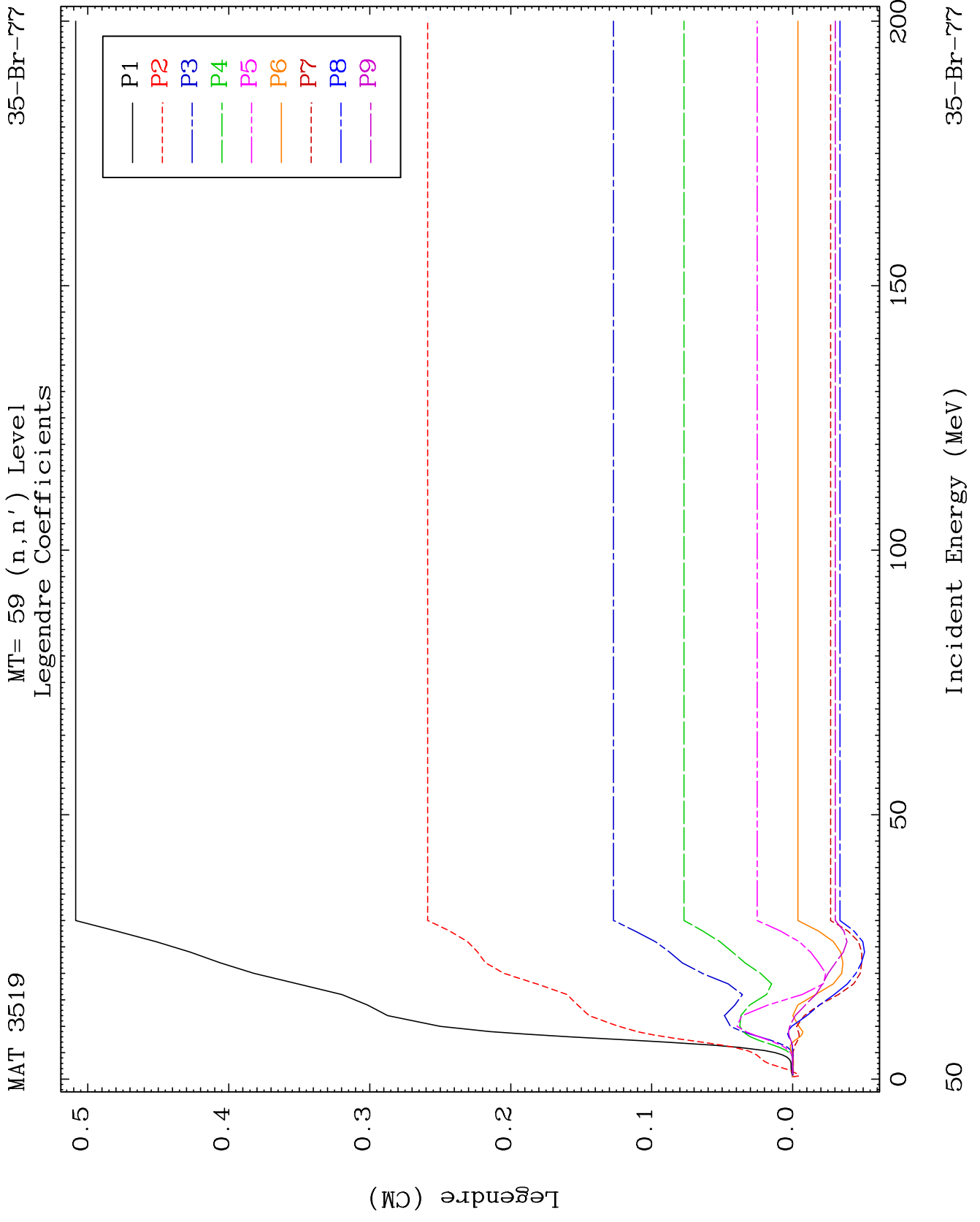
35-Br-77

MAT 3519

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

35-Br-77

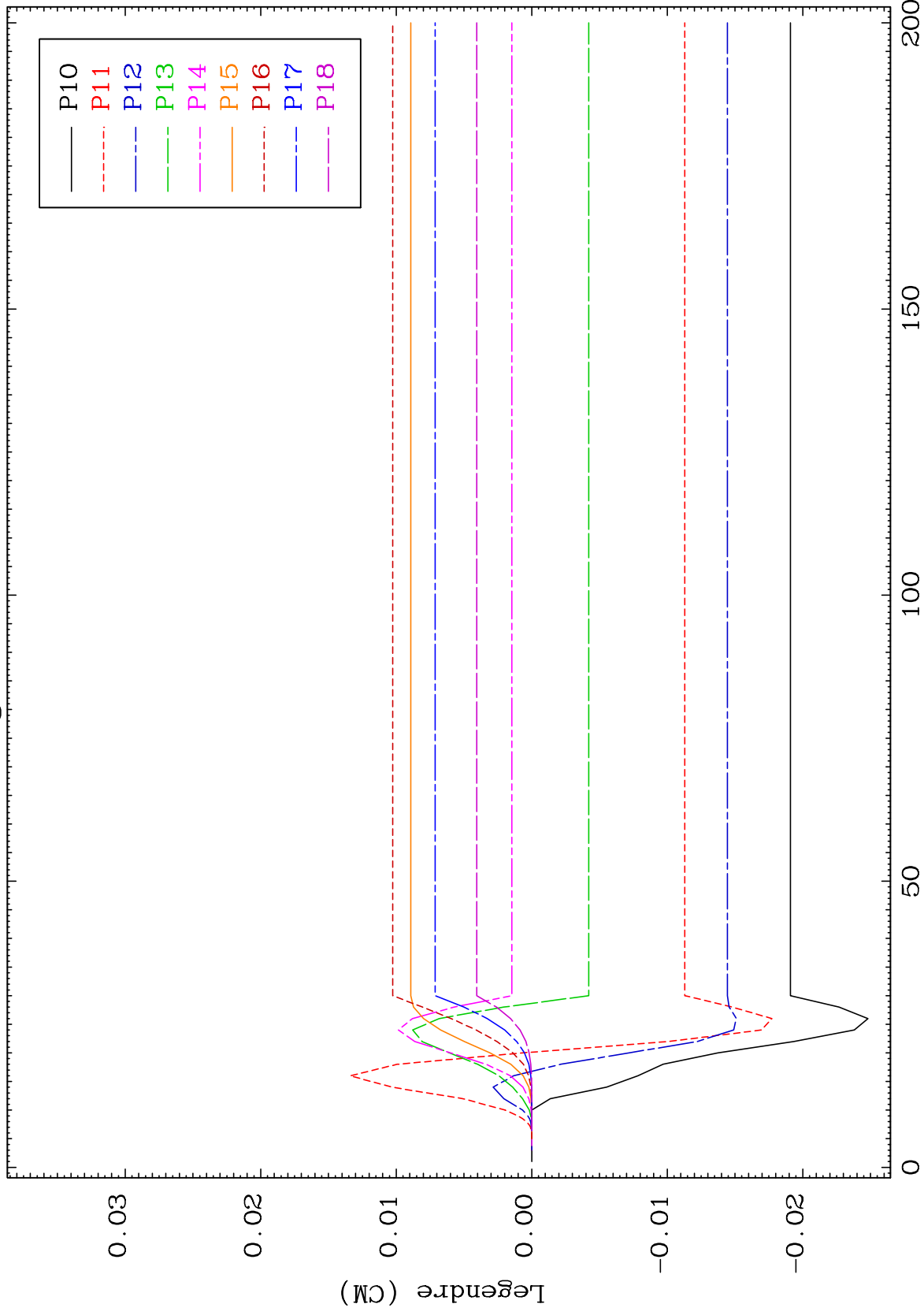




MAT 3519

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

35-Br-77



51

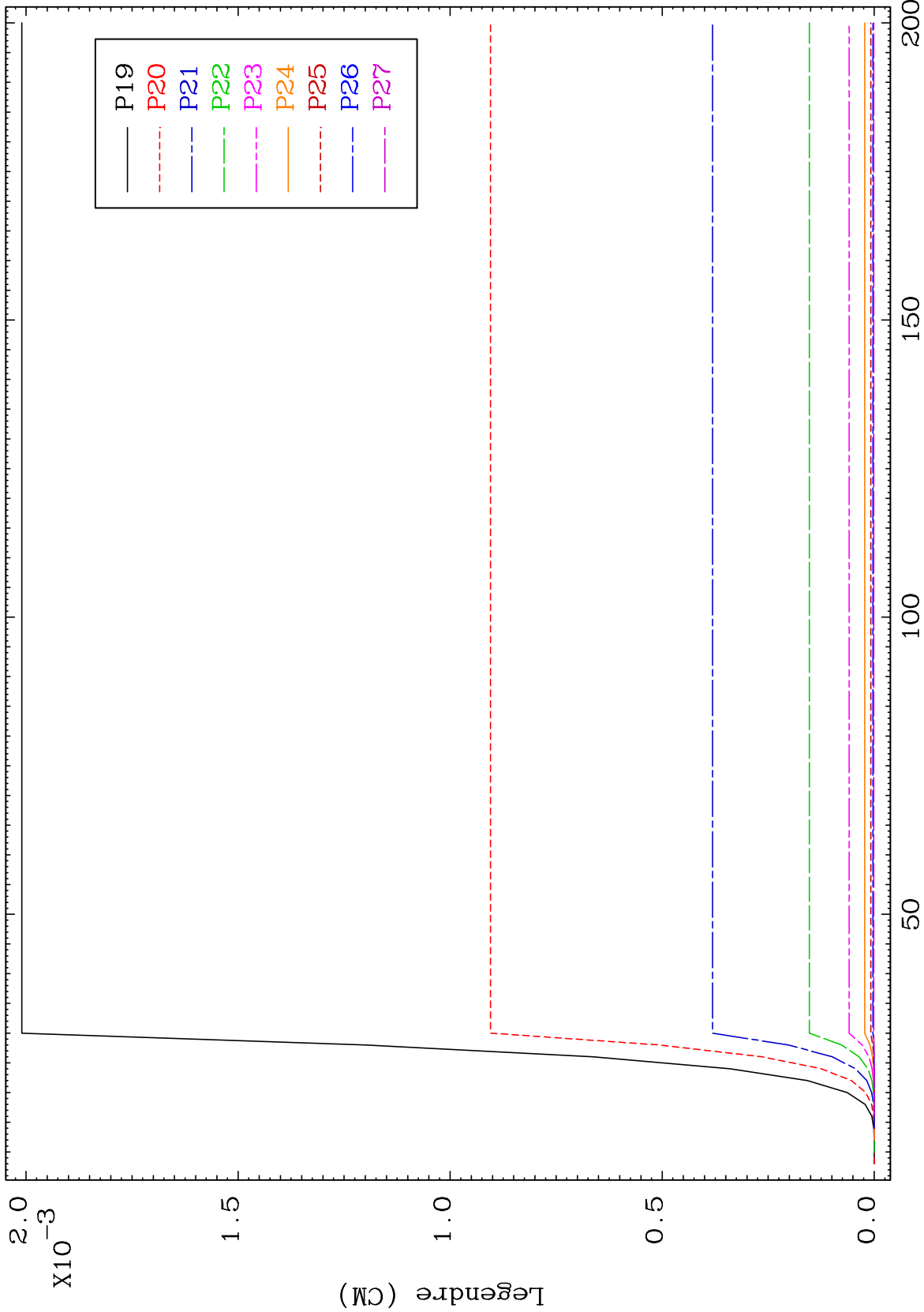
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



52

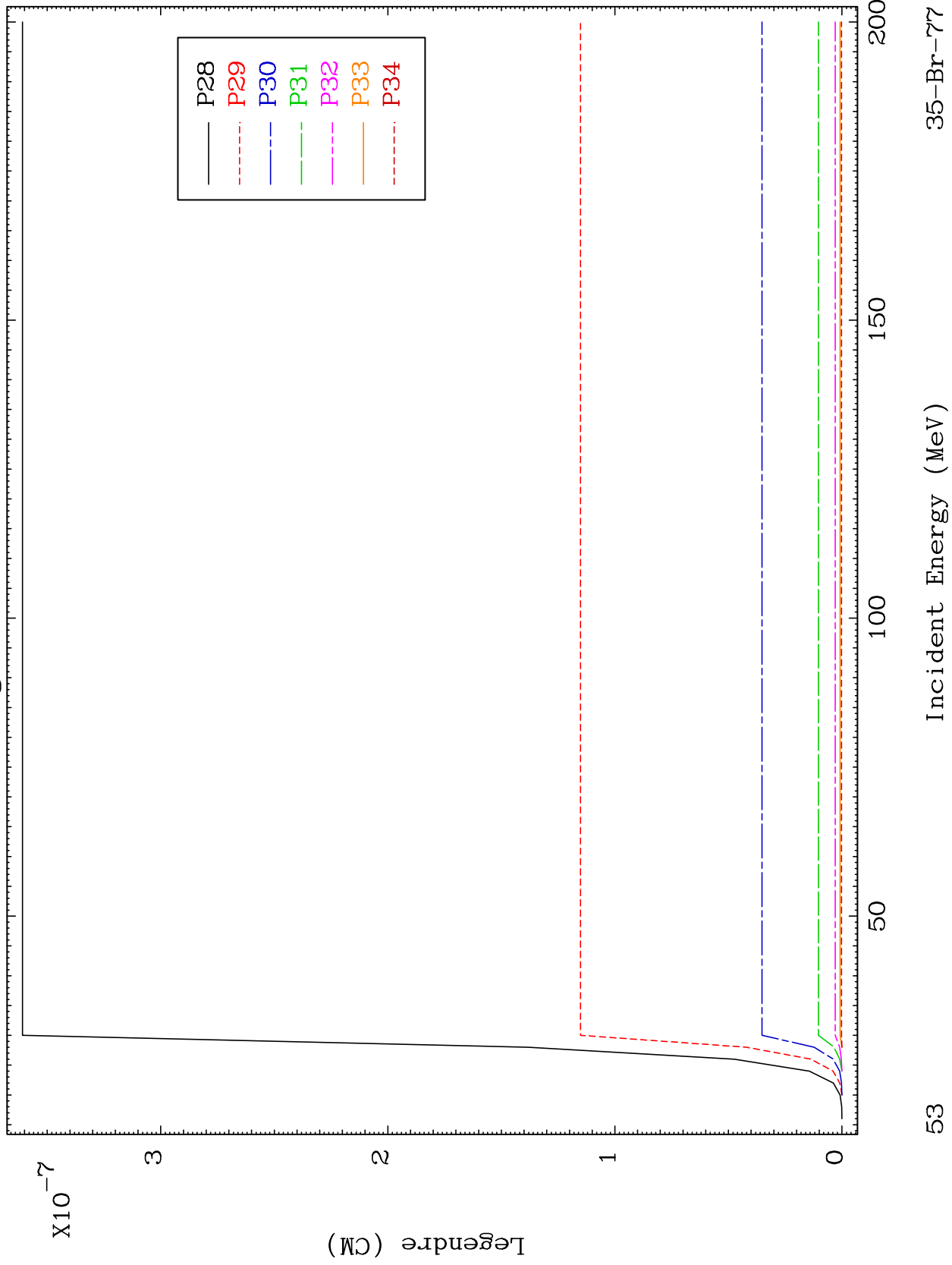
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



53

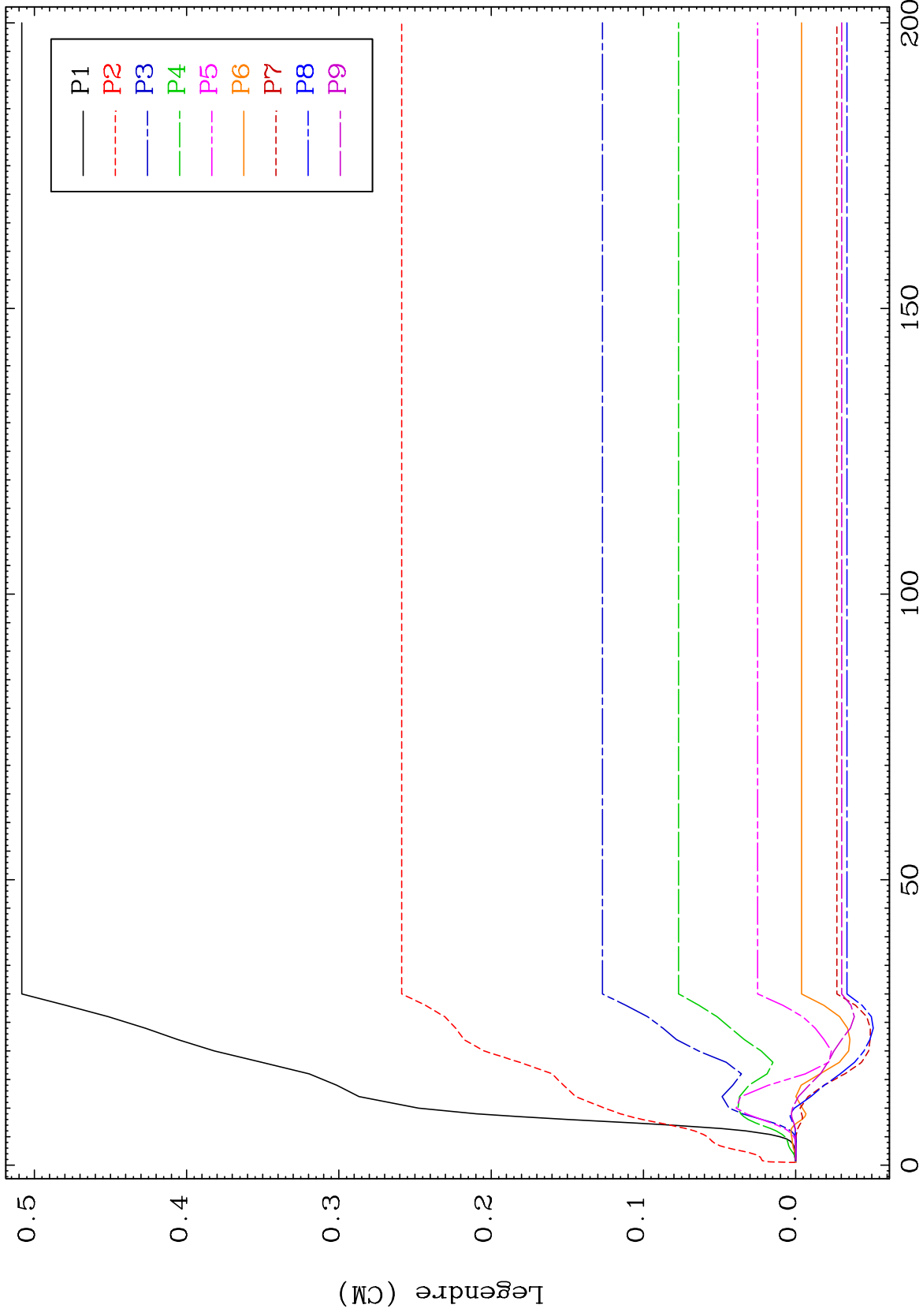
Incident Energy (MeV)

35-Br-77

MAT 3519

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

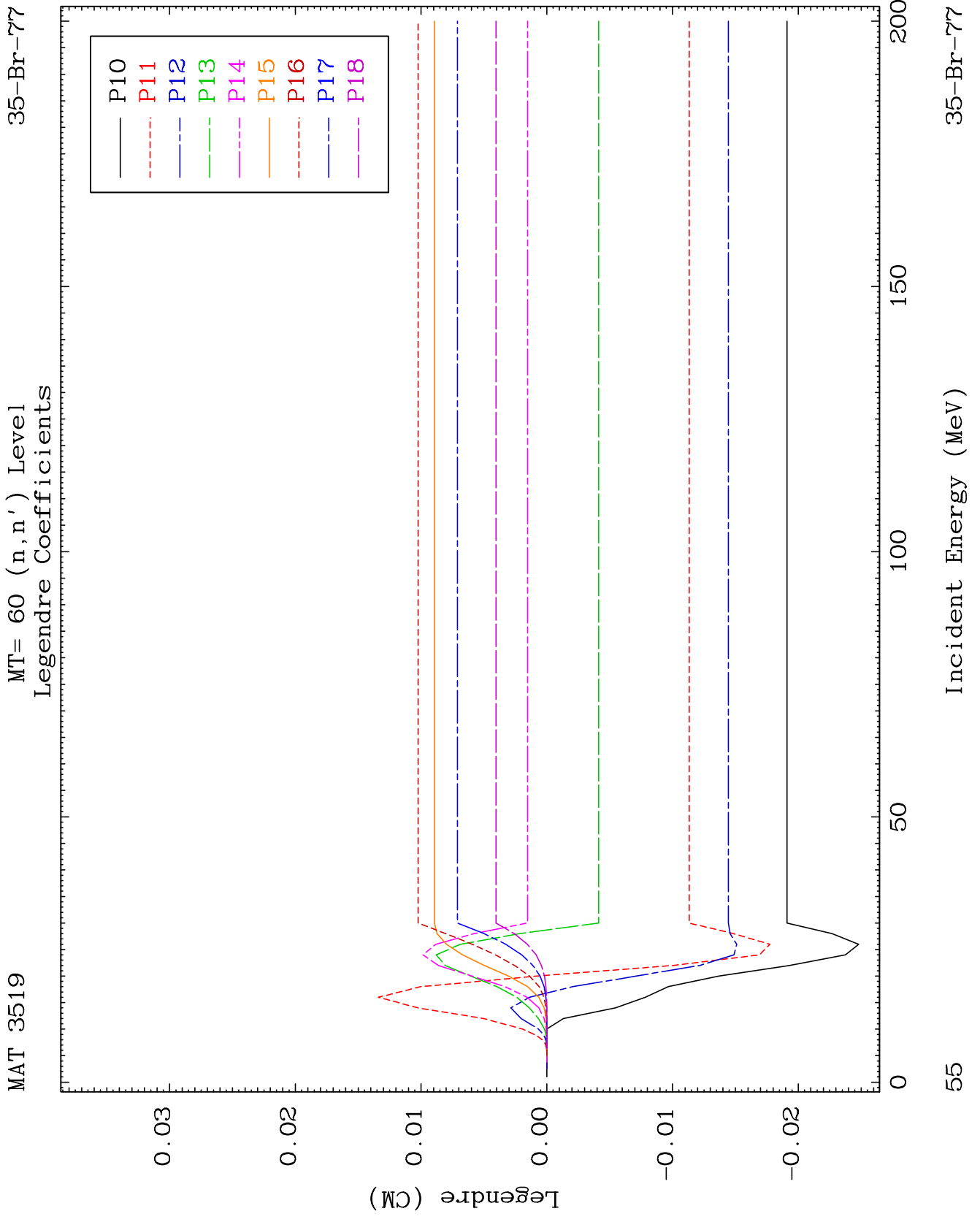
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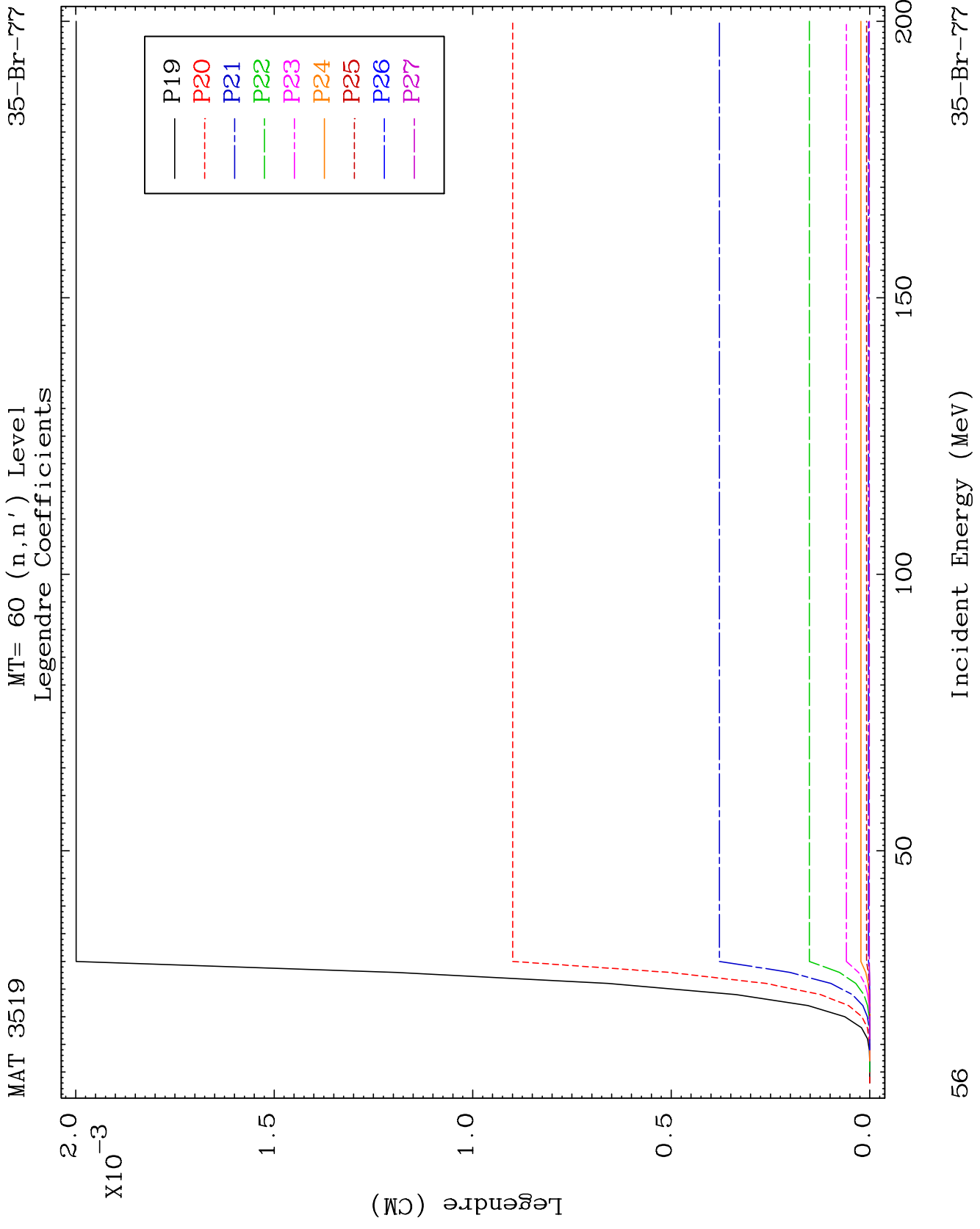


54

Incident Energy (MeV)

35-Br-77

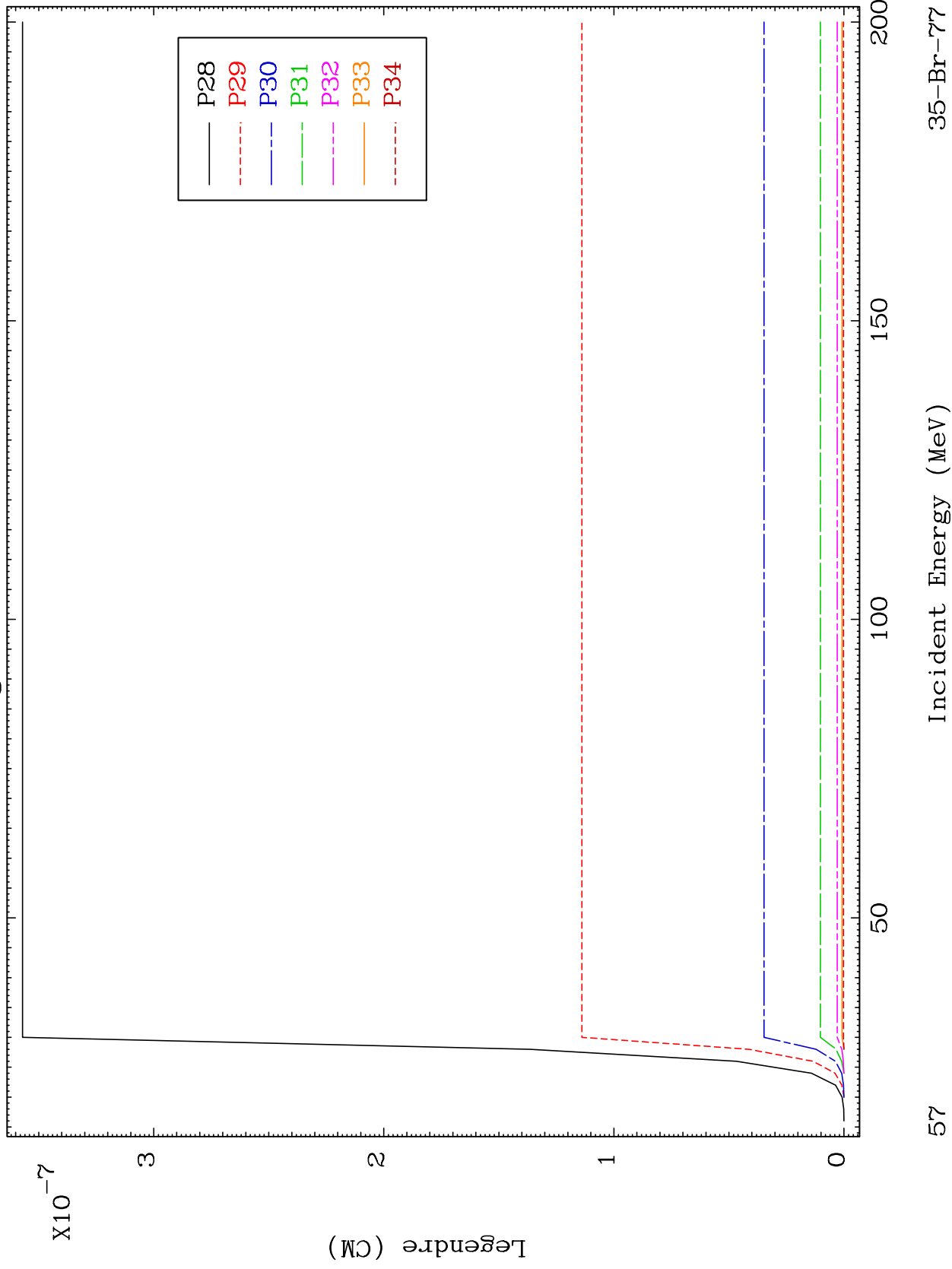




MAT 3519

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

35-Br-77



57

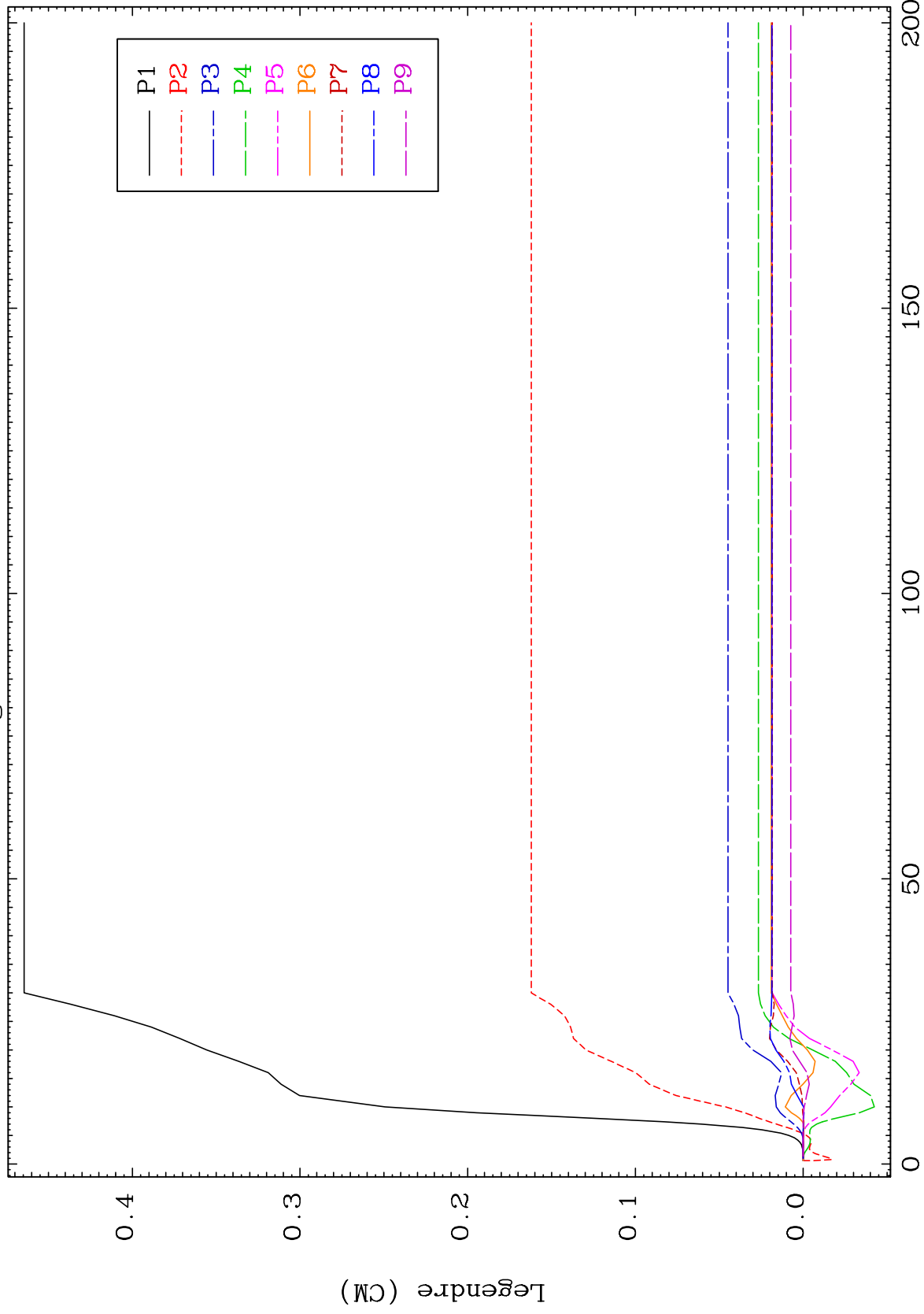
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



58

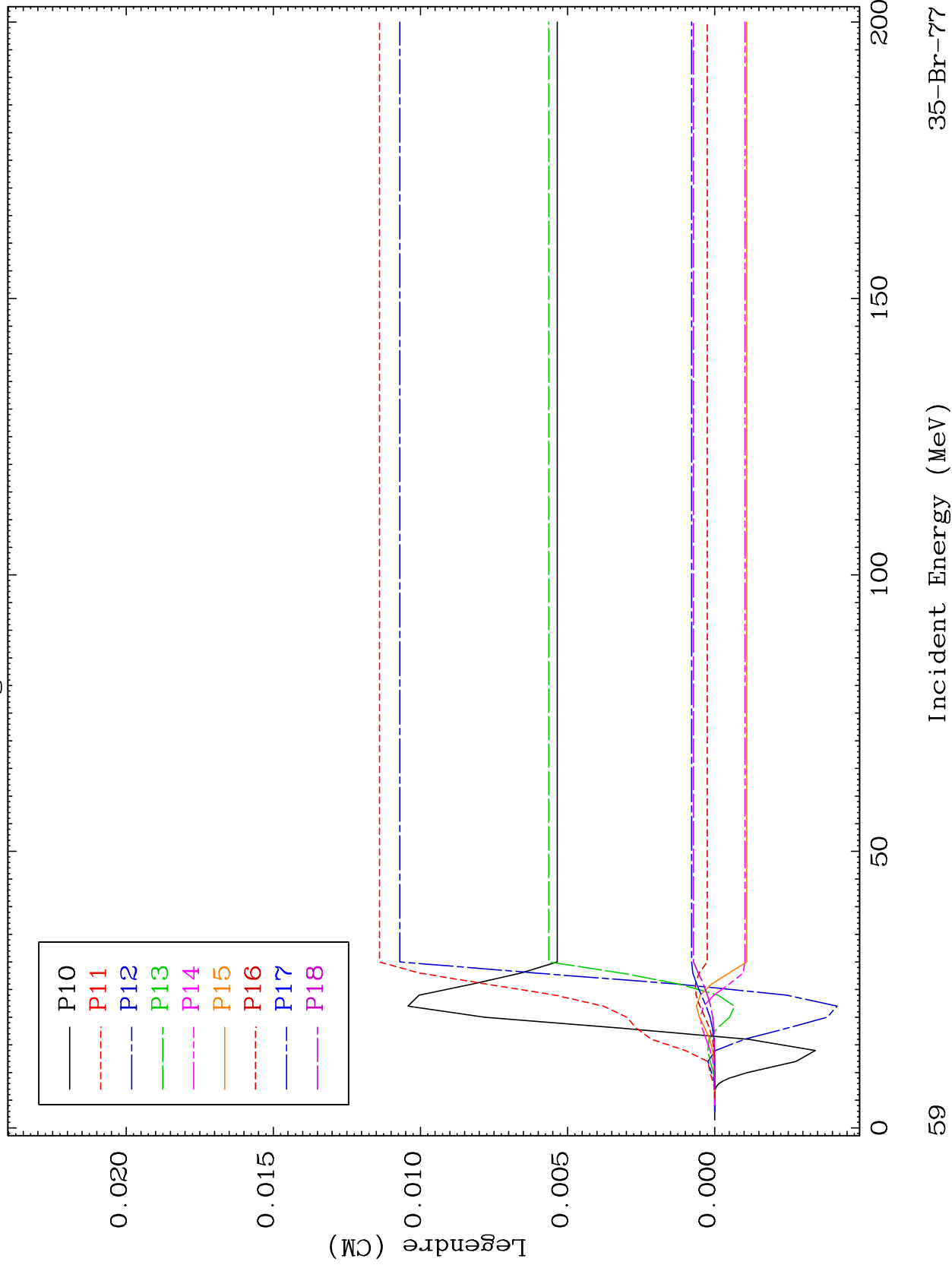
Incident Energy (MeV)

35-Br-77

MAT 3519

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

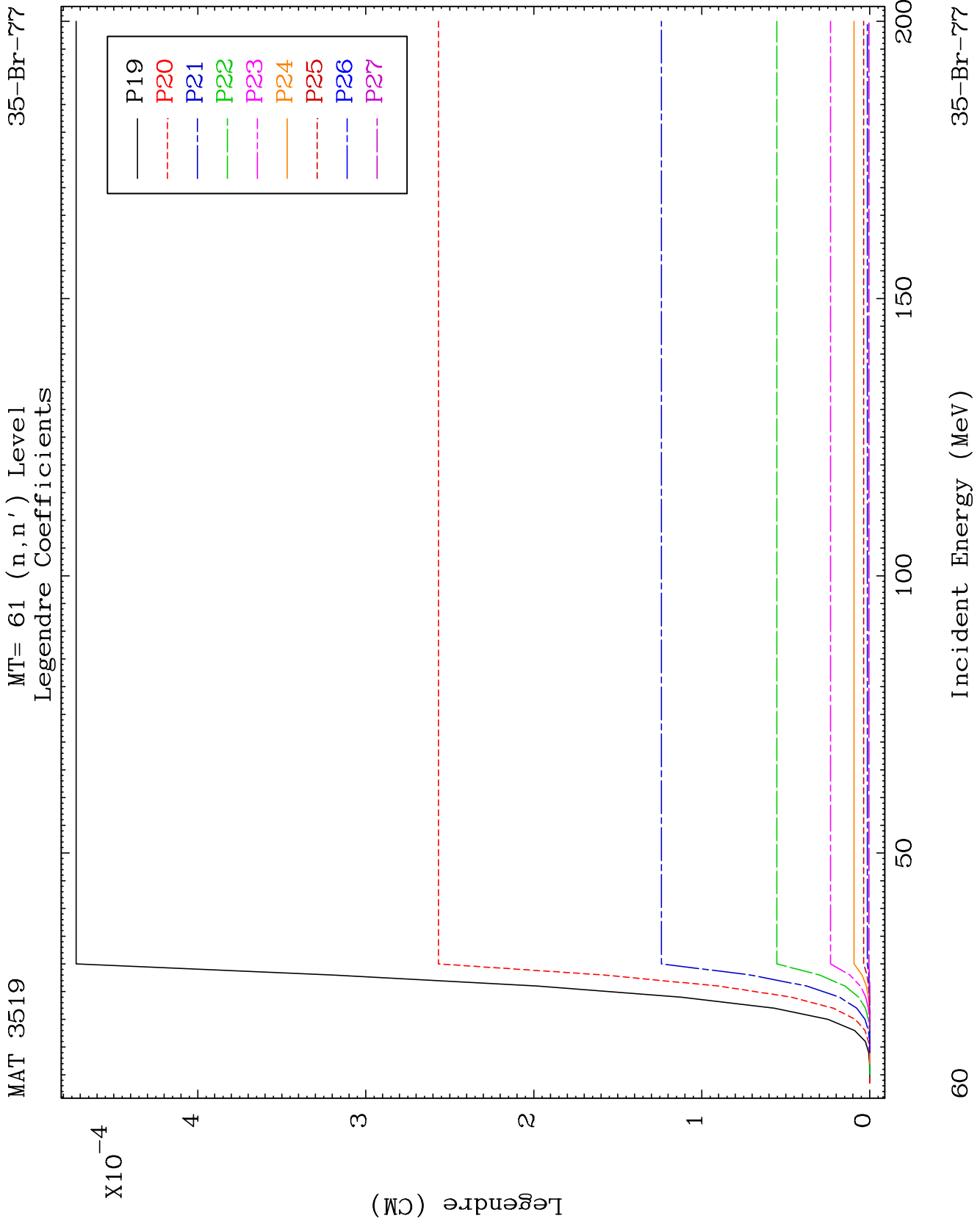
35-Br-77



59

Incident Energy (MeV)

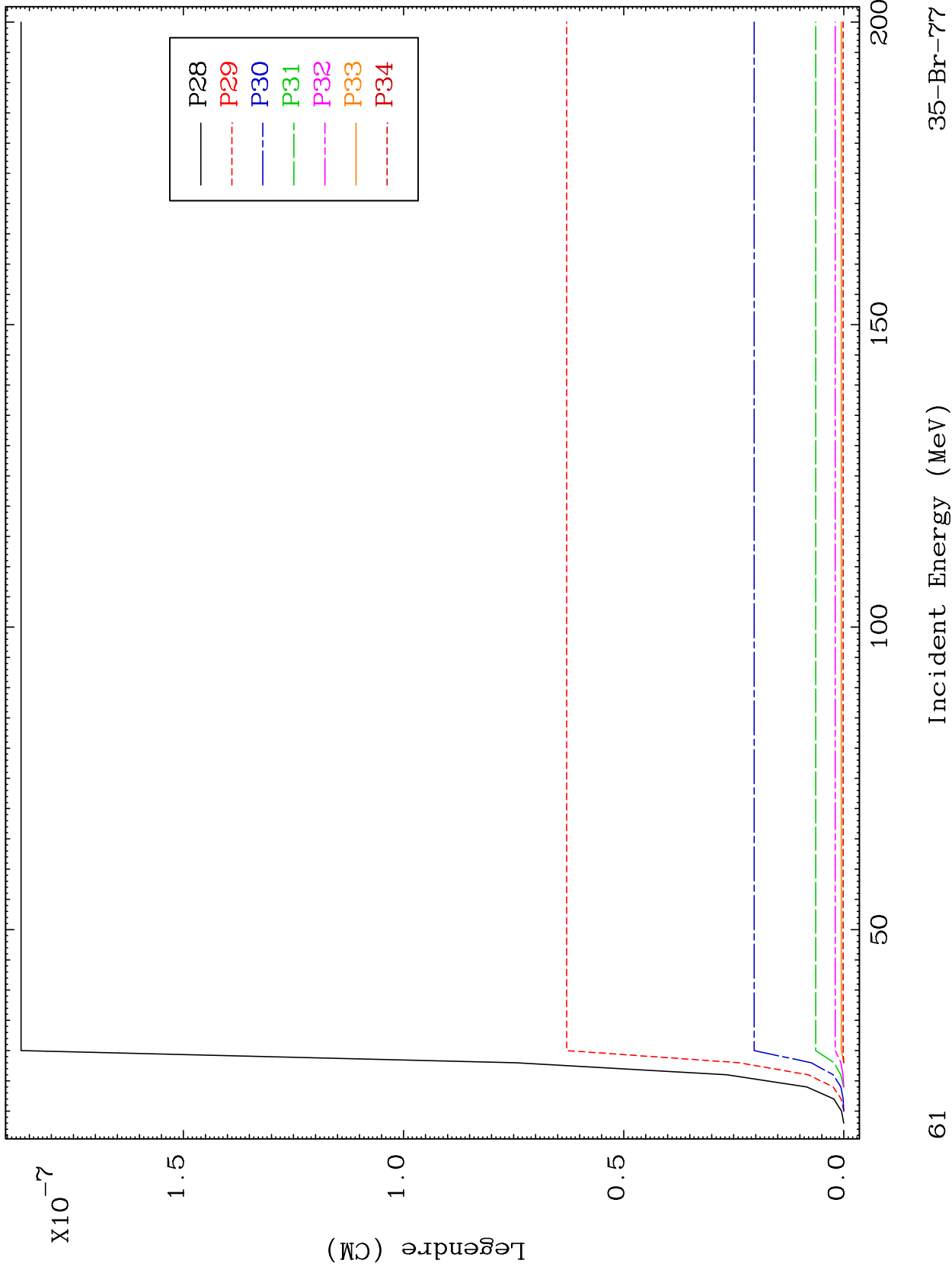
35-Br-77



MAT 3519

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

35-Br-77



61

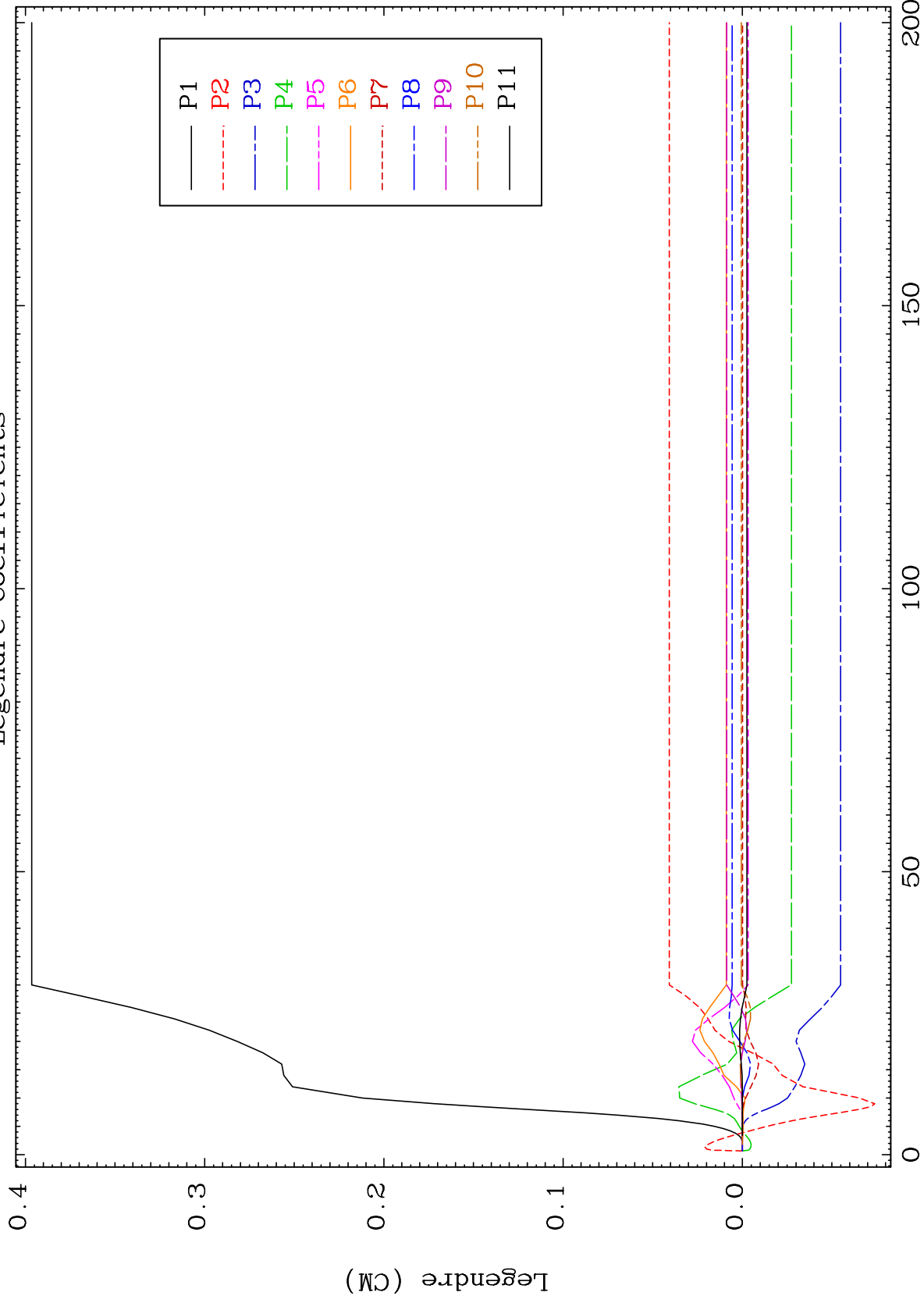
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



62

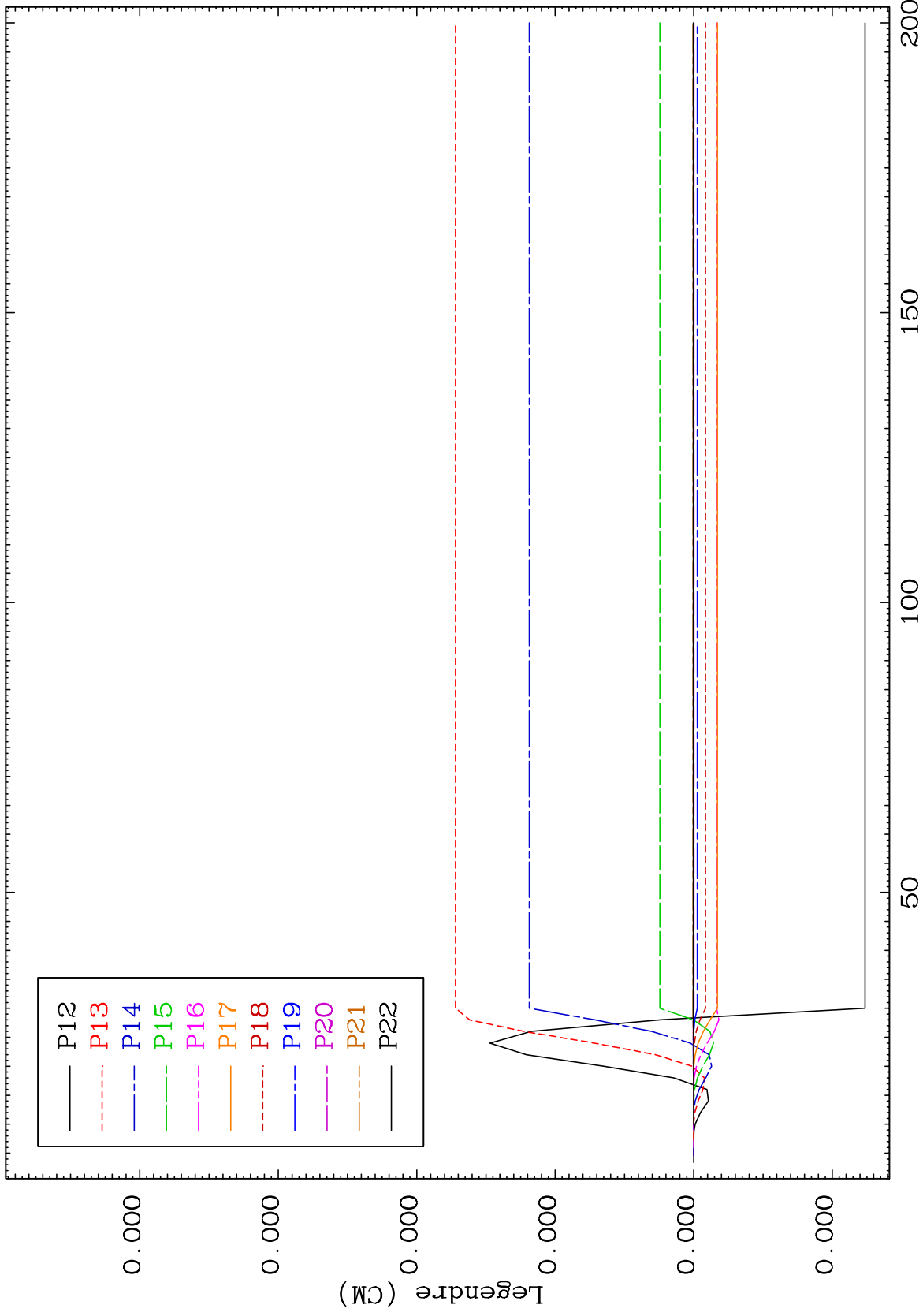
Incident Energy (MeV)

35-Br-77

MAT 3519

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

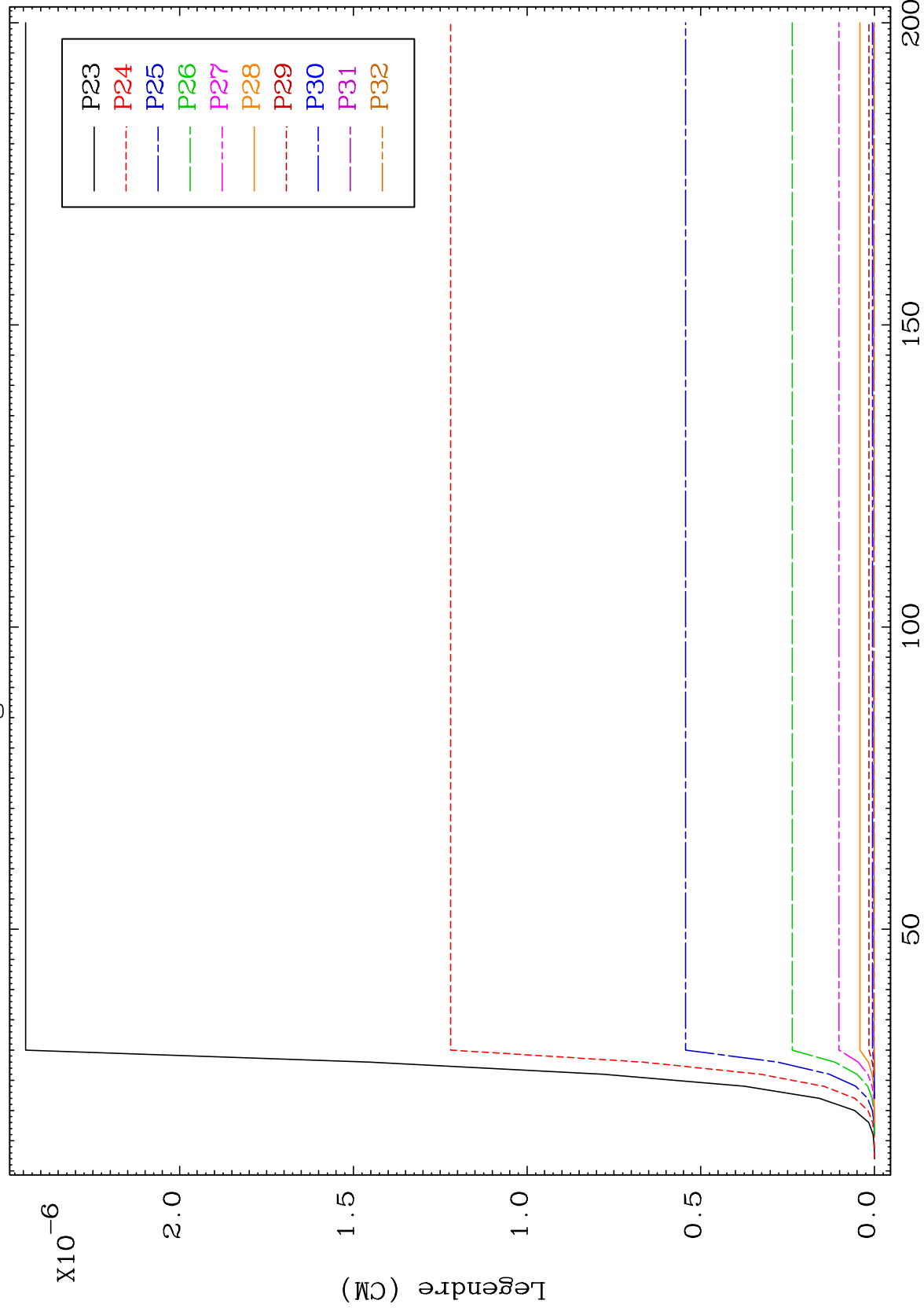
35-Br-77



MAT 3519

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

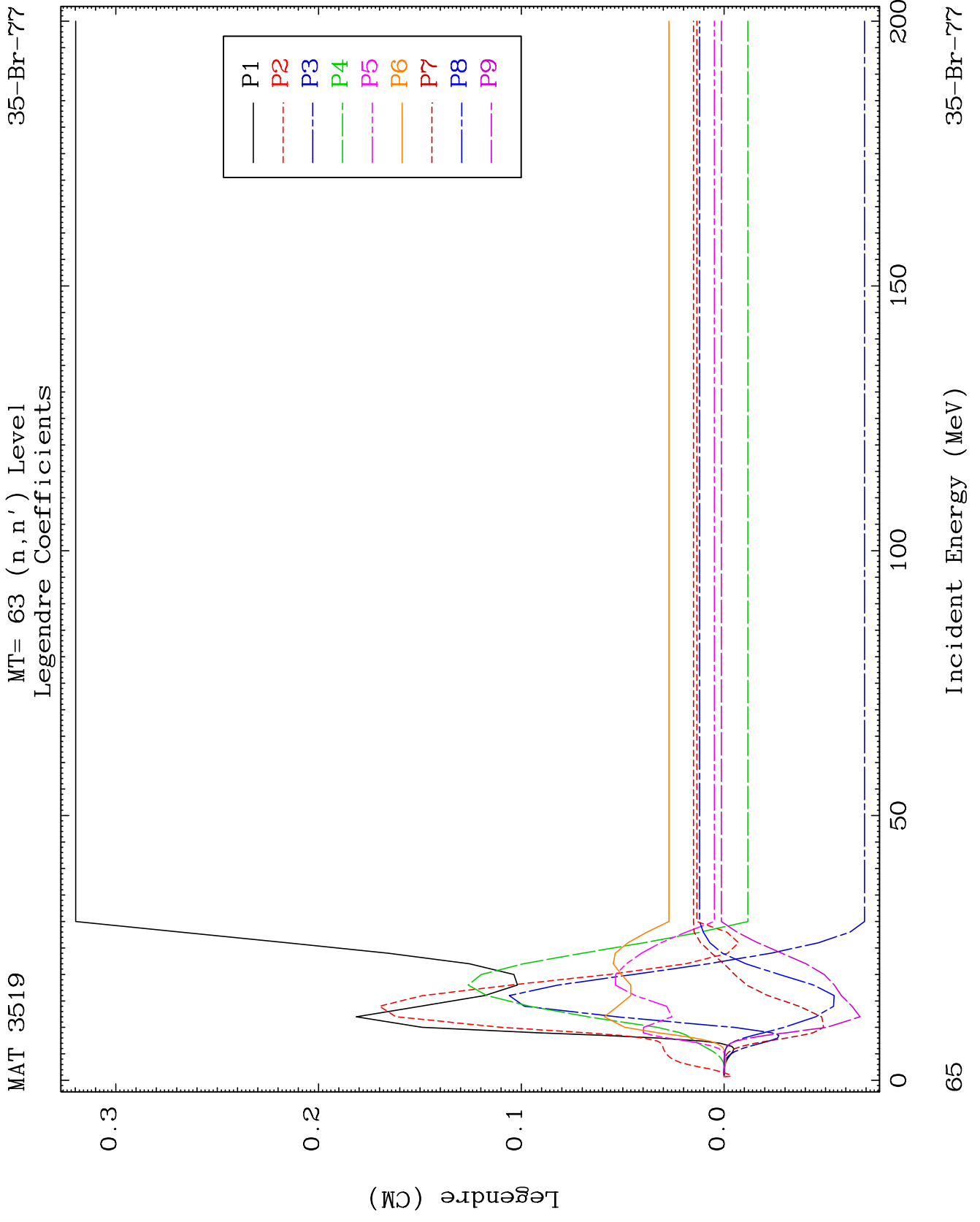
35-Br-77



64

Incident Energy (MeV)

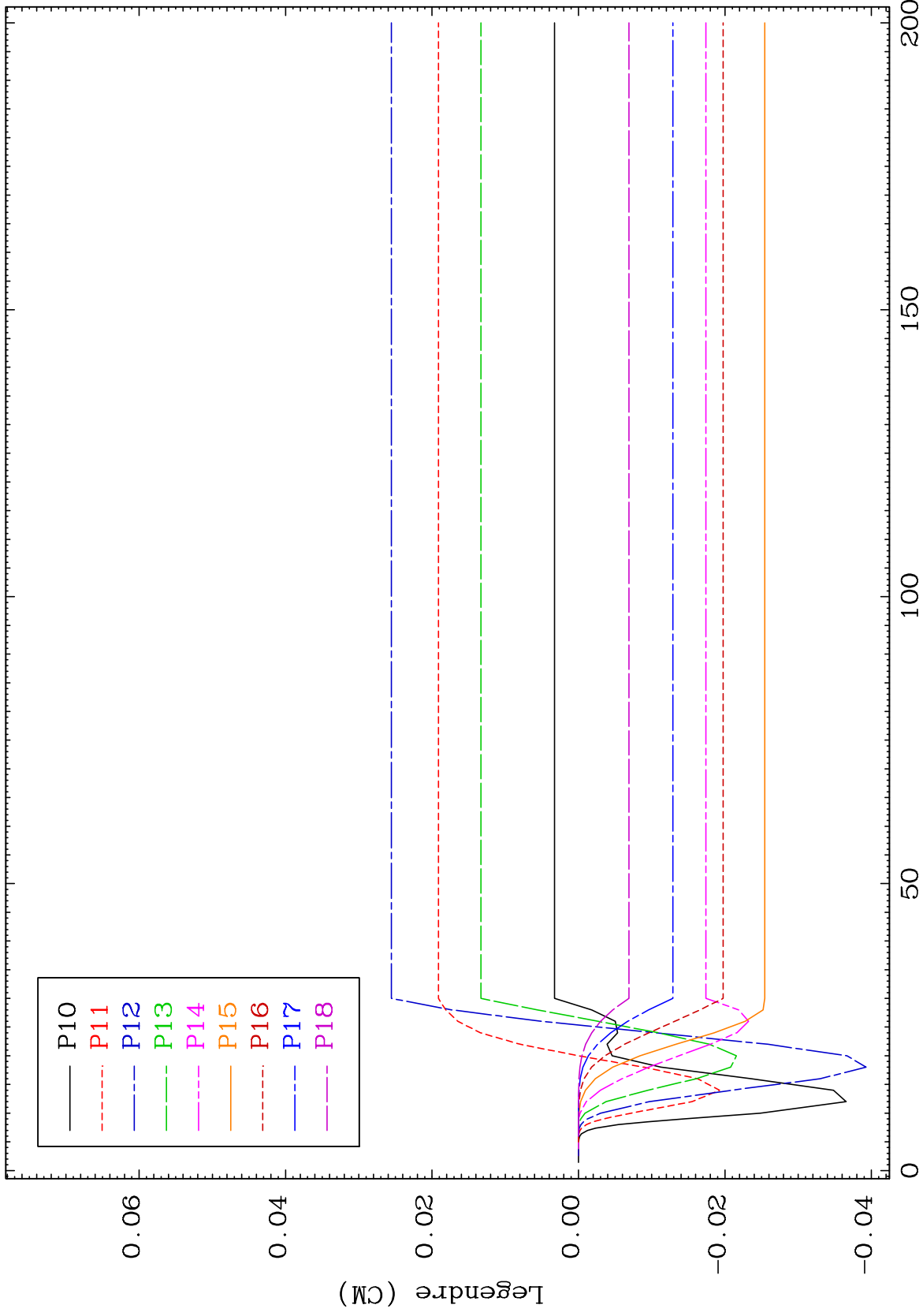
35-Br-77



MAT 3519

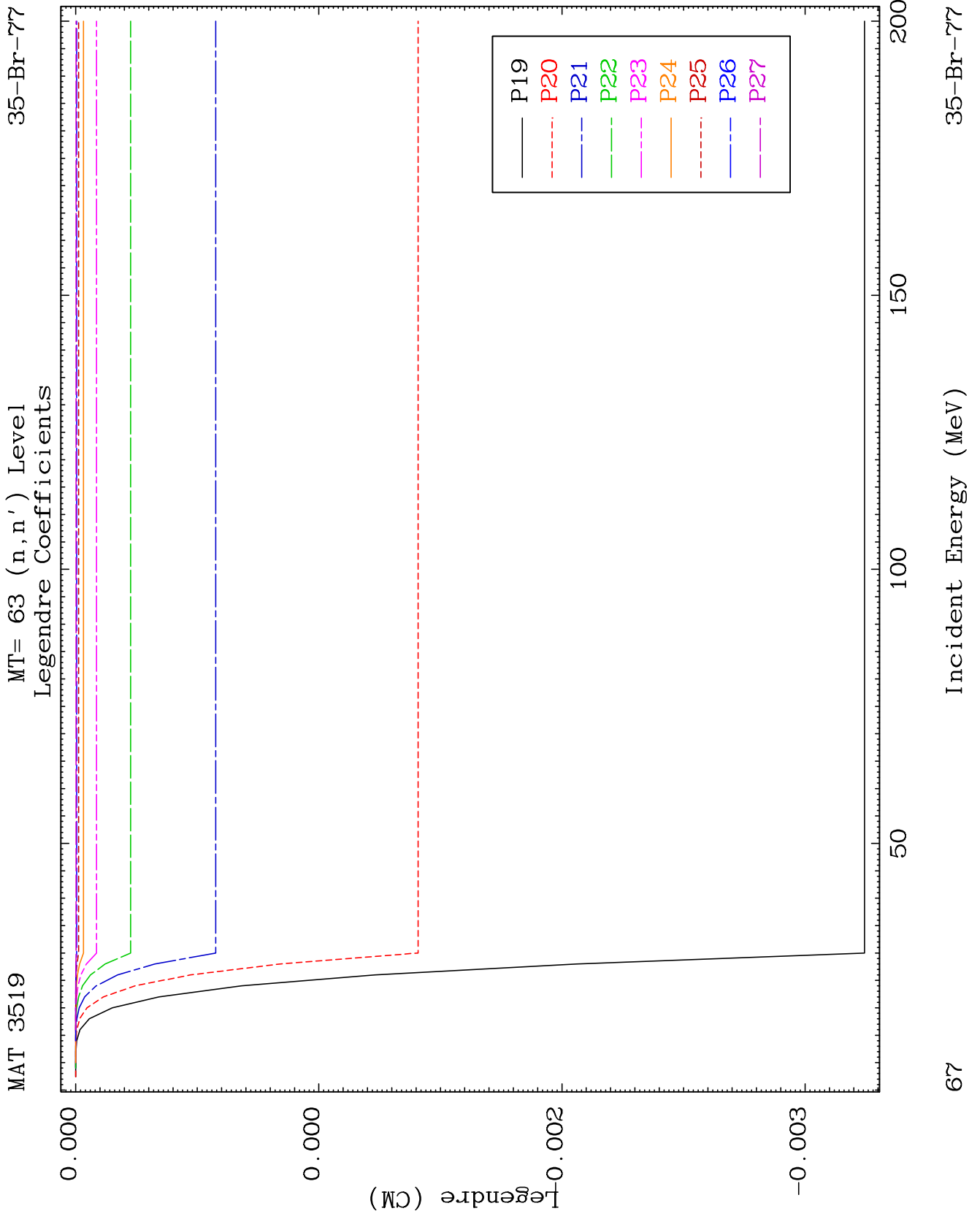
MT= 63 (n,n') Level
Legendre Coefficients

35-Br-77



66

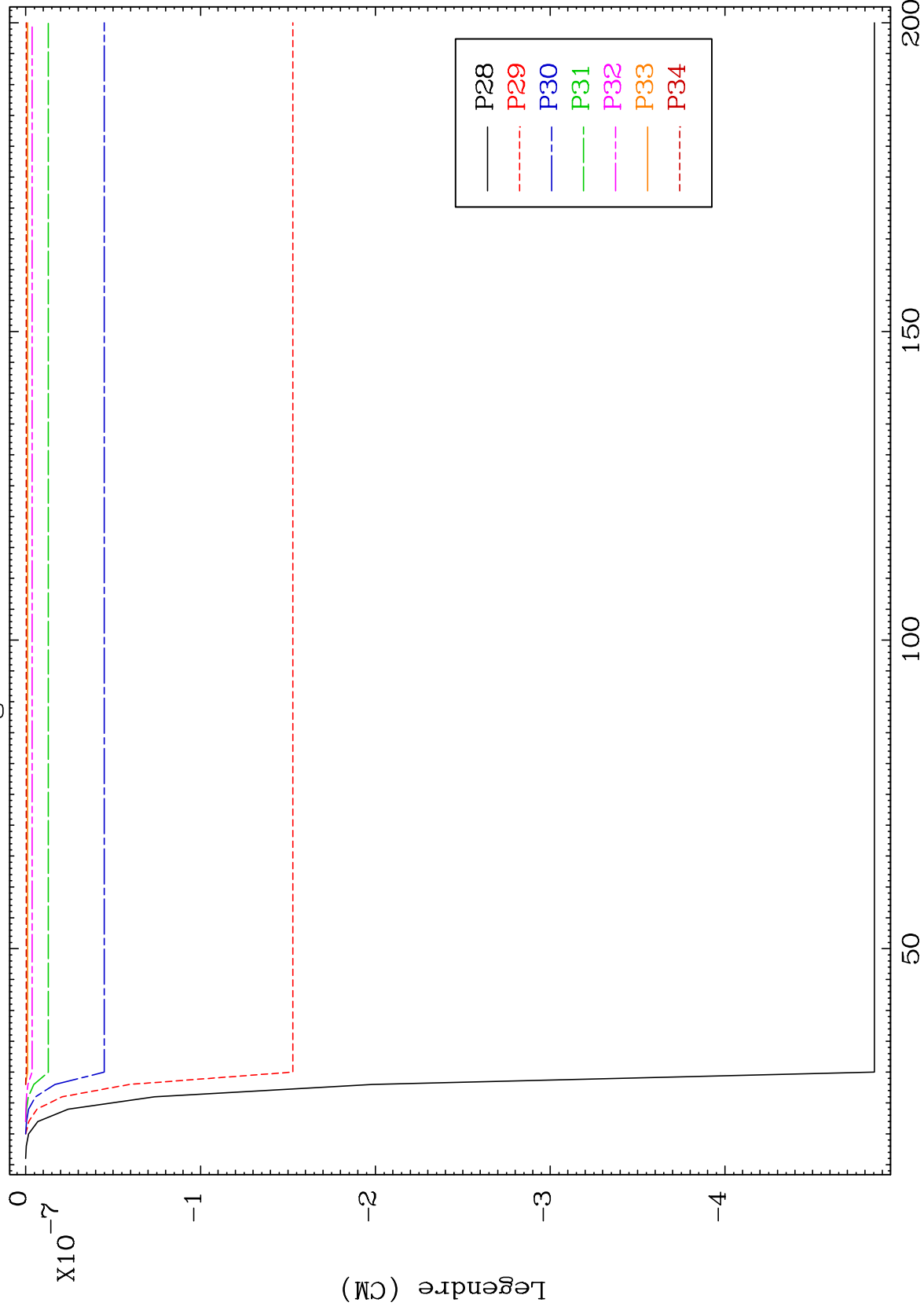
35-Br-77



MAT 3519

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

35-Br-77



68

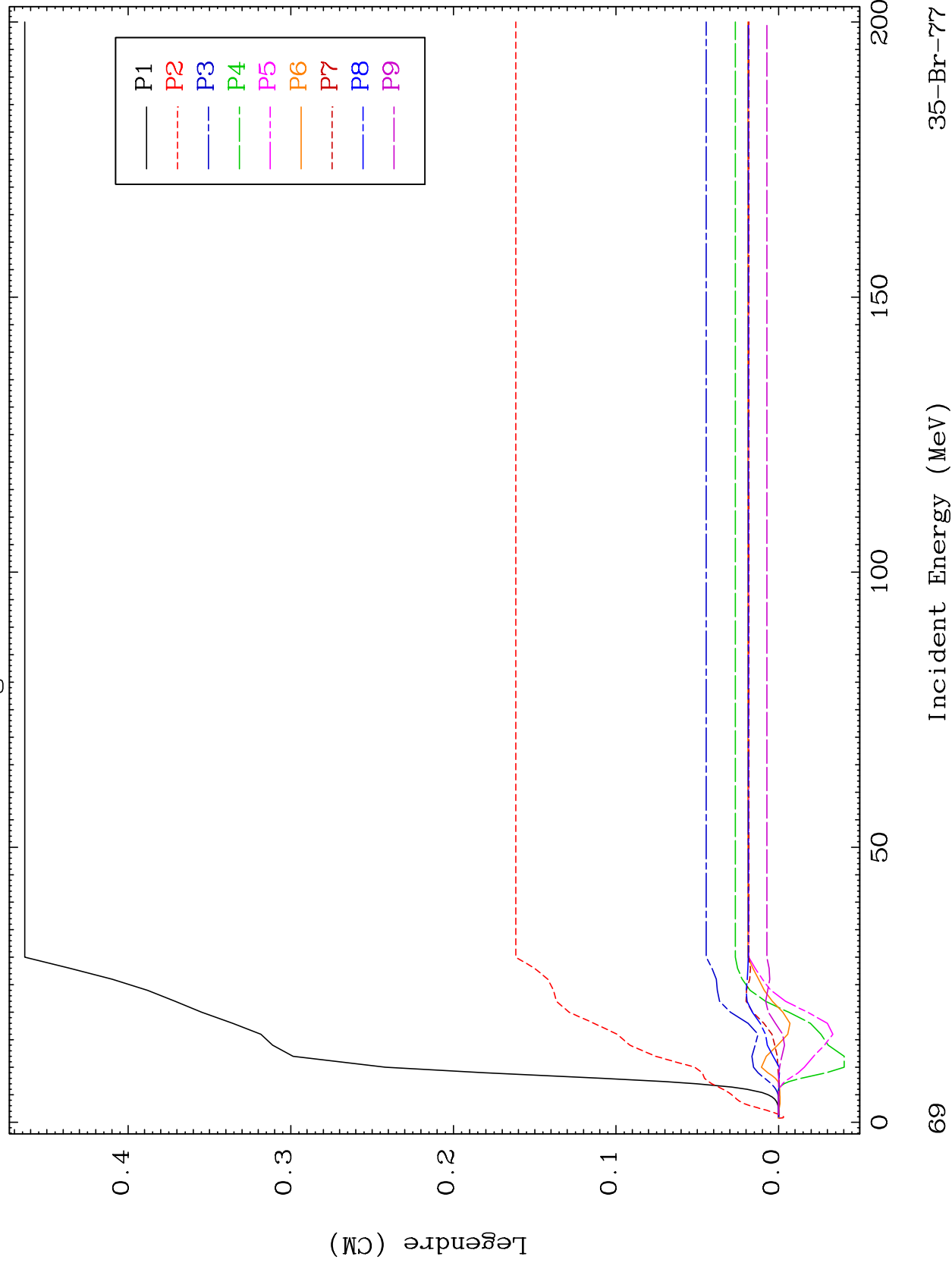
Incident Energy (MeV)

35-Br-77

MAT 3519

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

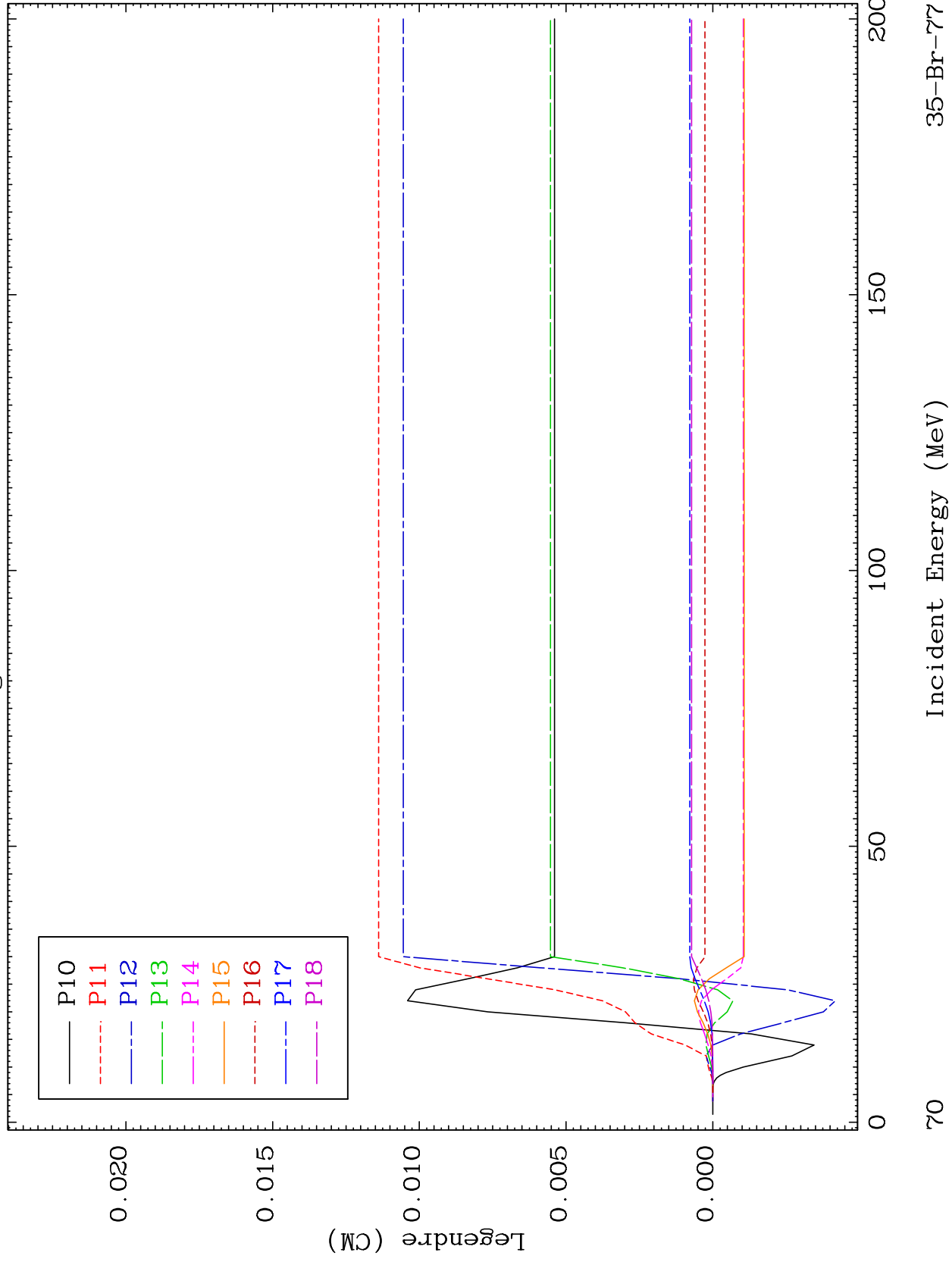
³⁵Br-⁷⁷



MAT 3519

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

35-Br-77



35-Br-77

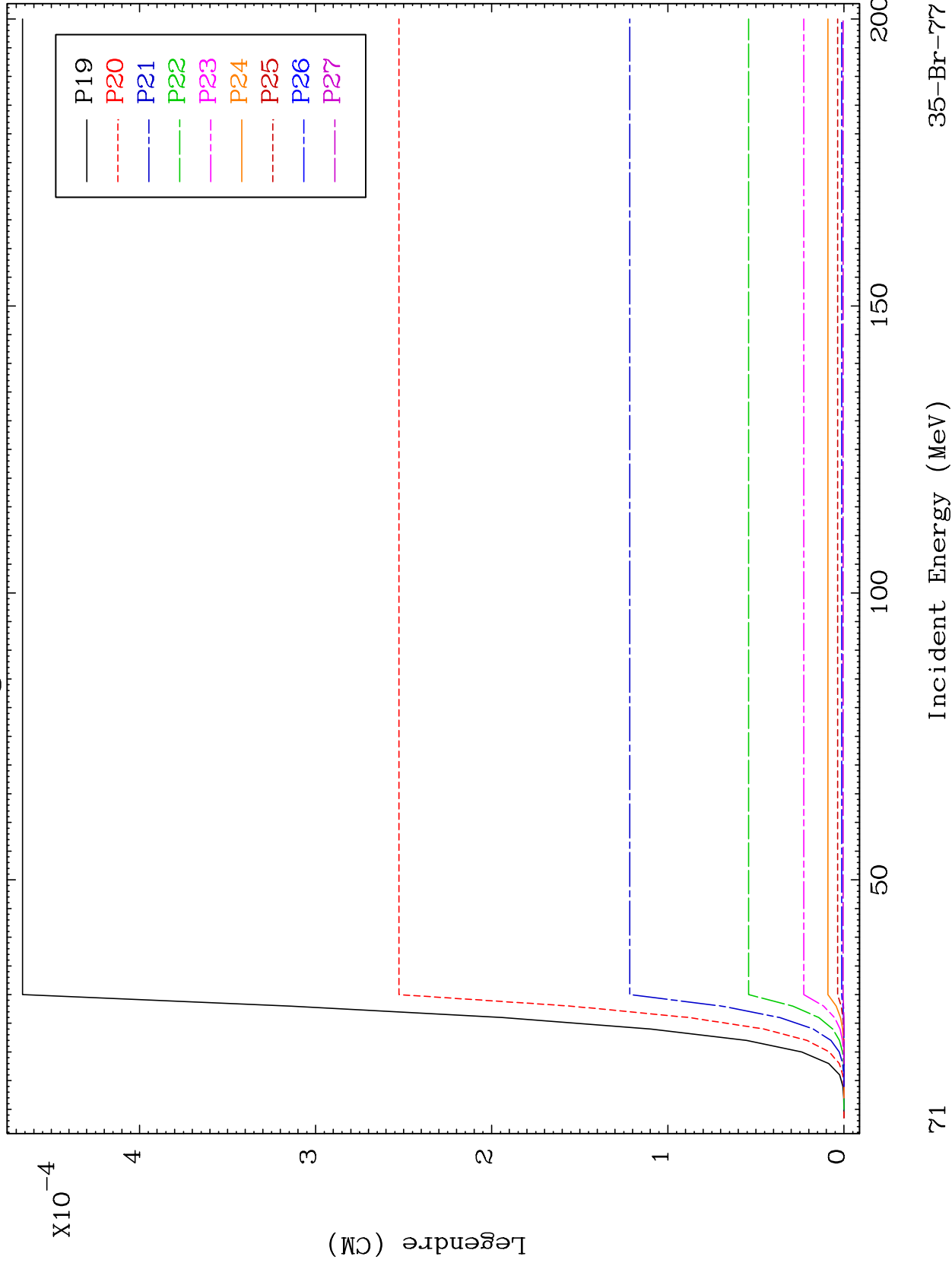
Incident Energy (MeV)

70

MAT 3519

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

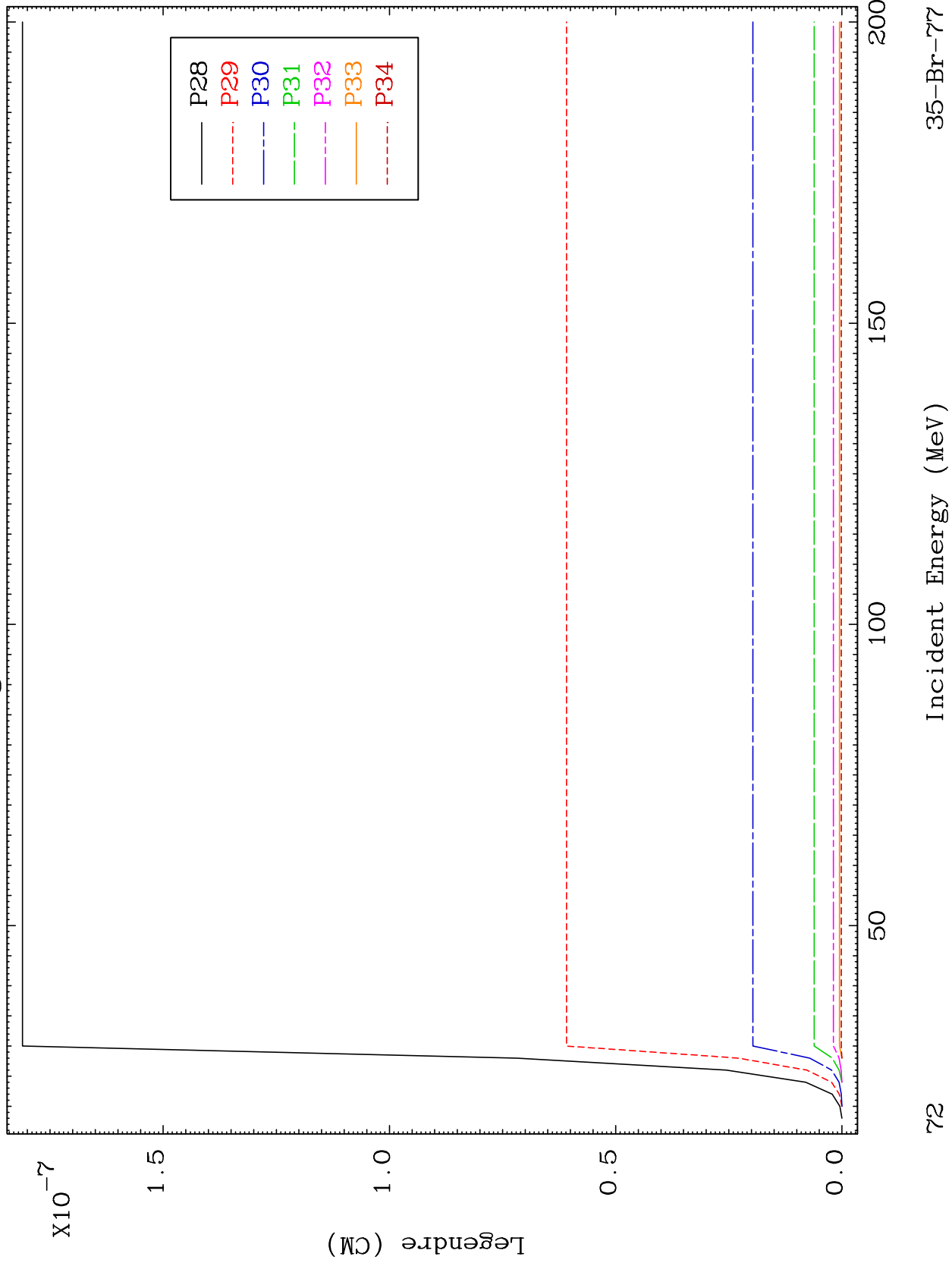
35-Br-77



MAT 3519

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

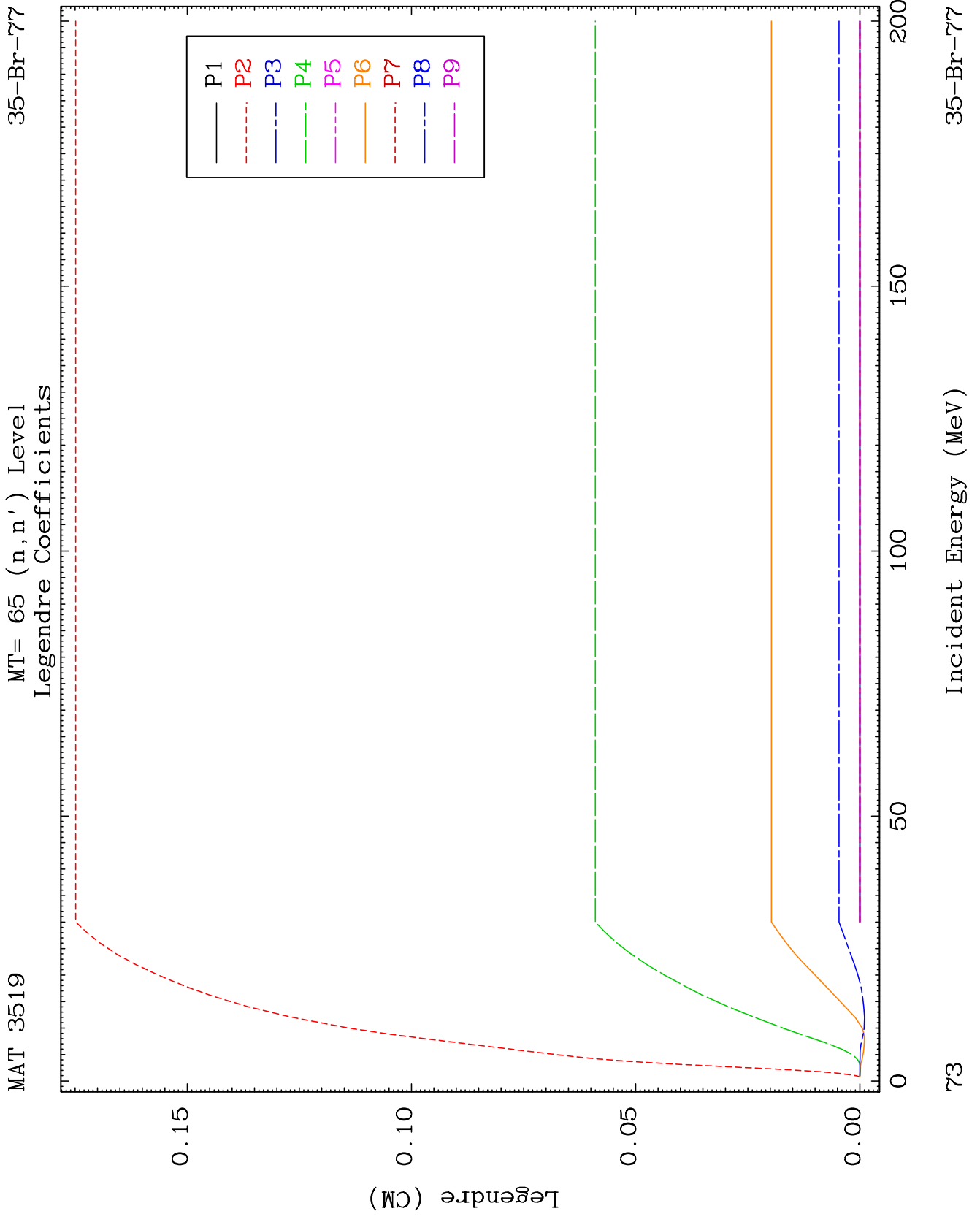
35-Br-77



72

Incident Energy (MeV)

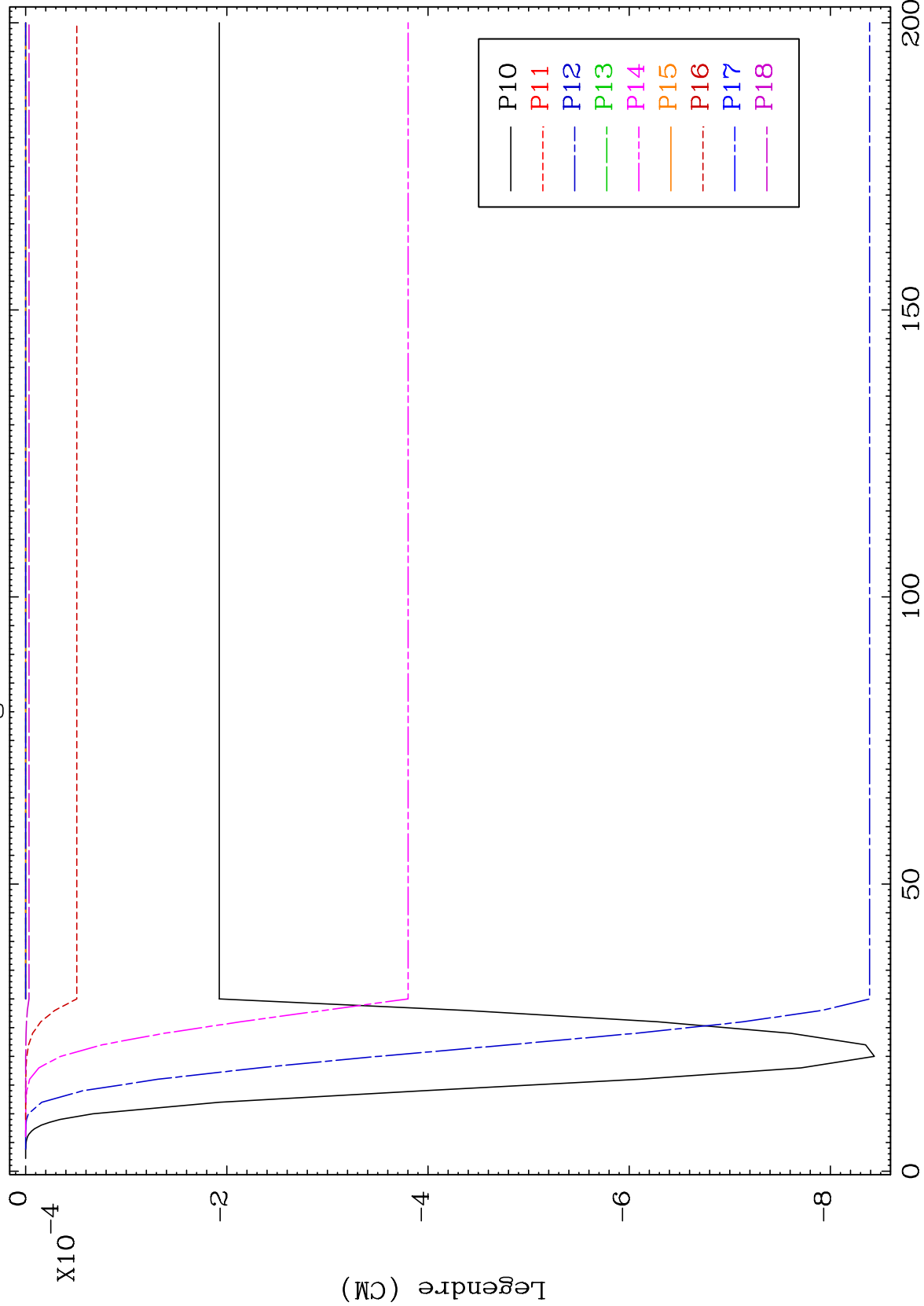
35-Br-77



MAT 3519

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

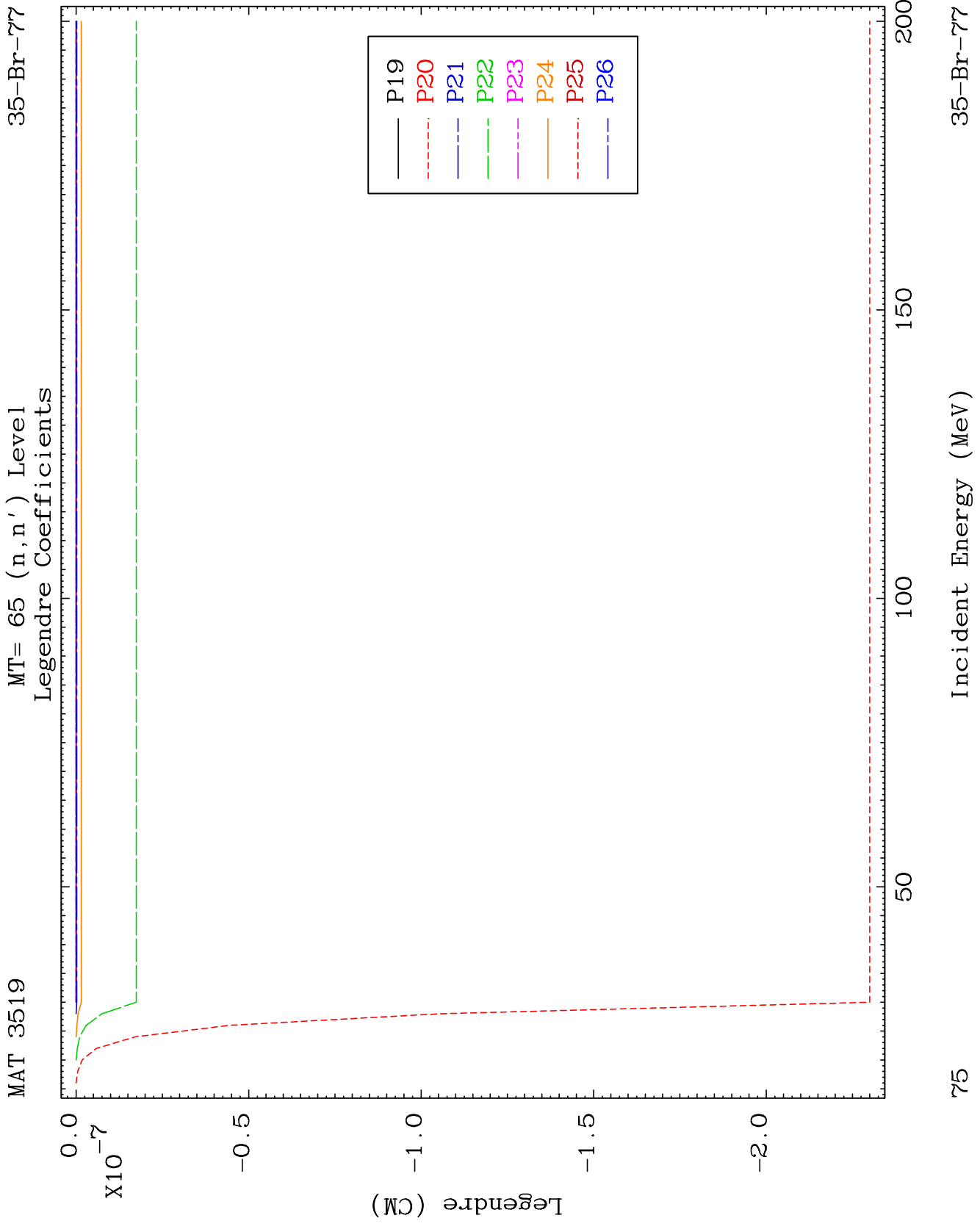
35-Br-77



74

Incident Energy (MeV)

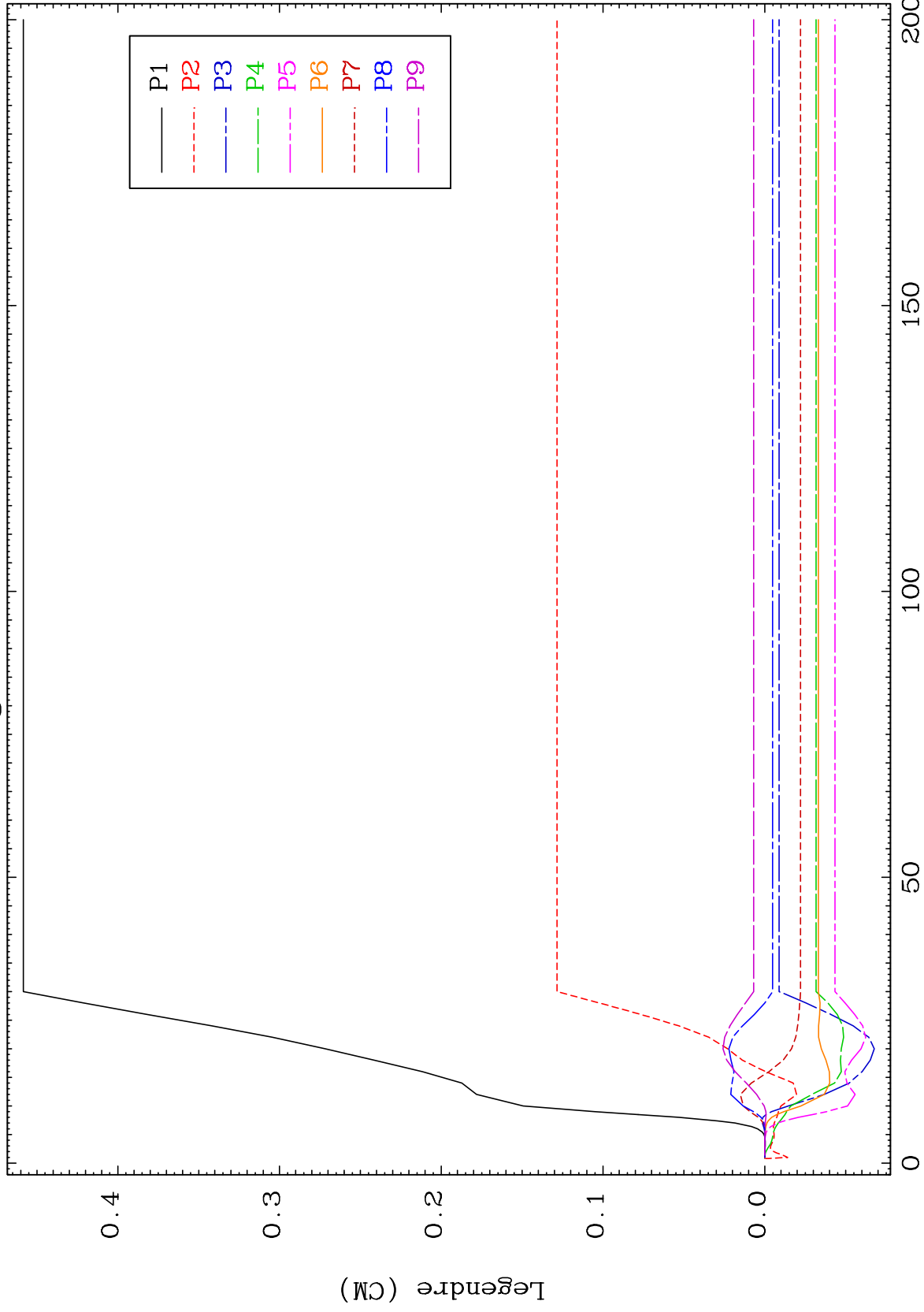
35-Br-77



MAT 3519

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

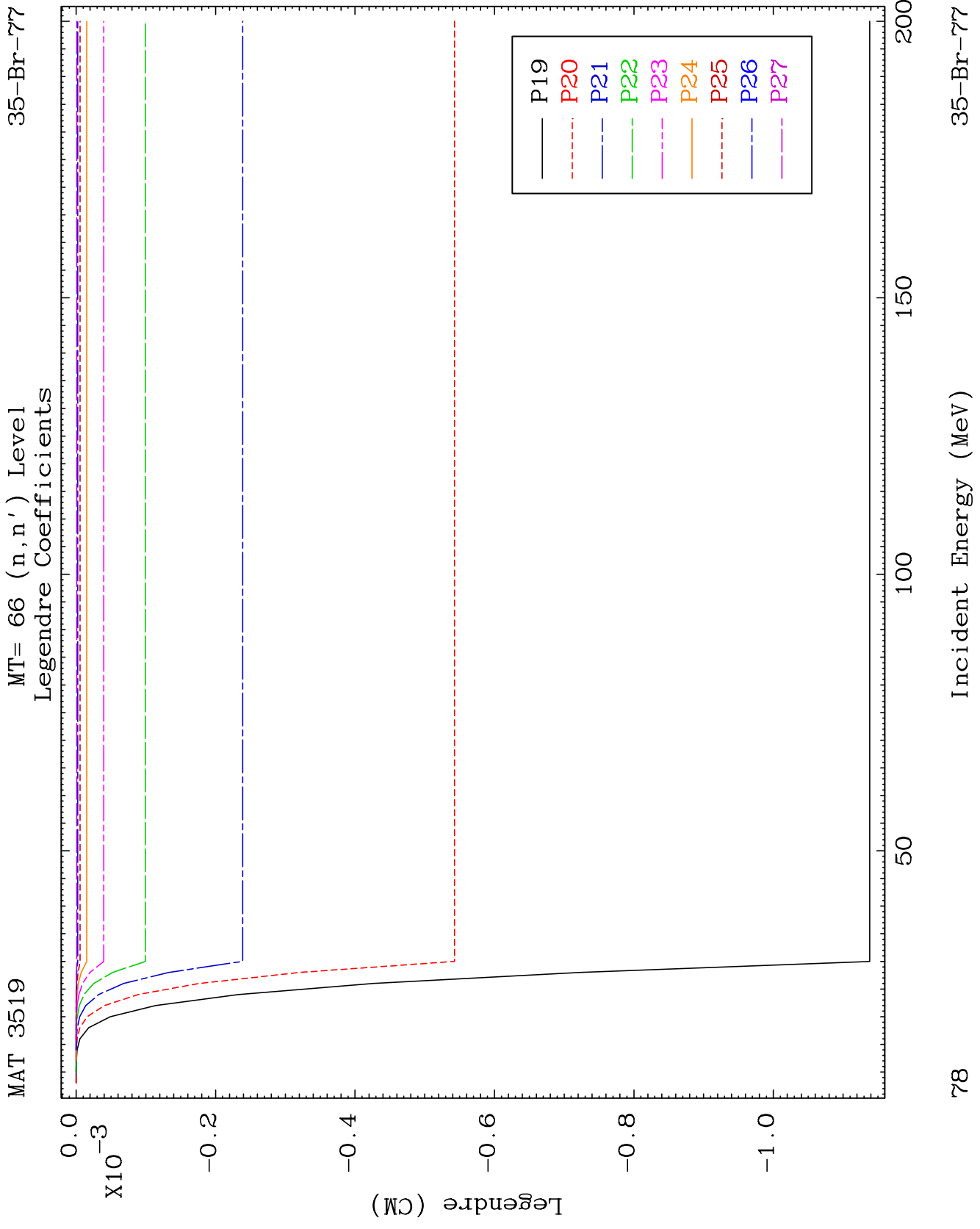
35-Br-77

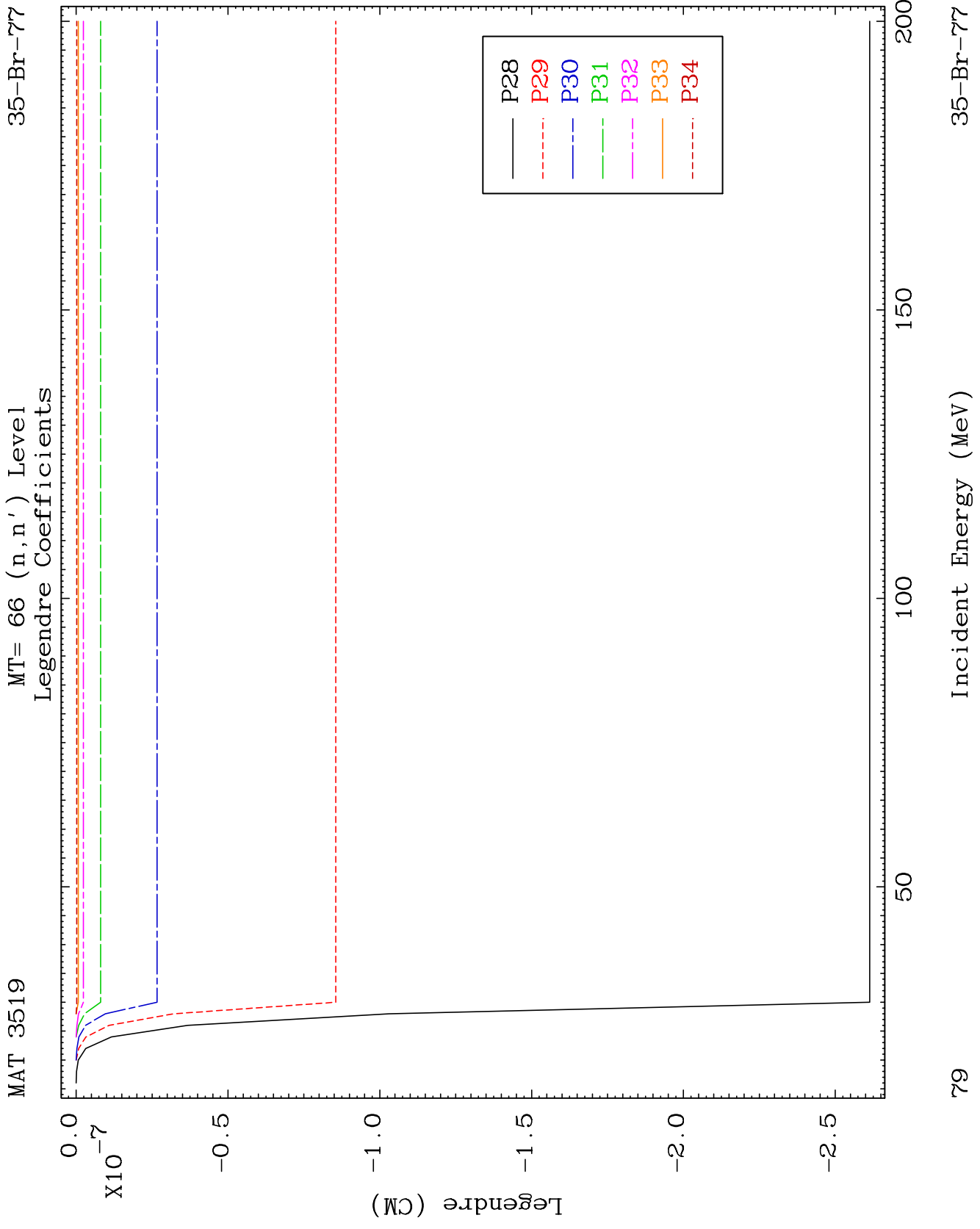


76

Incident Energy (MeV)

35-Br-77

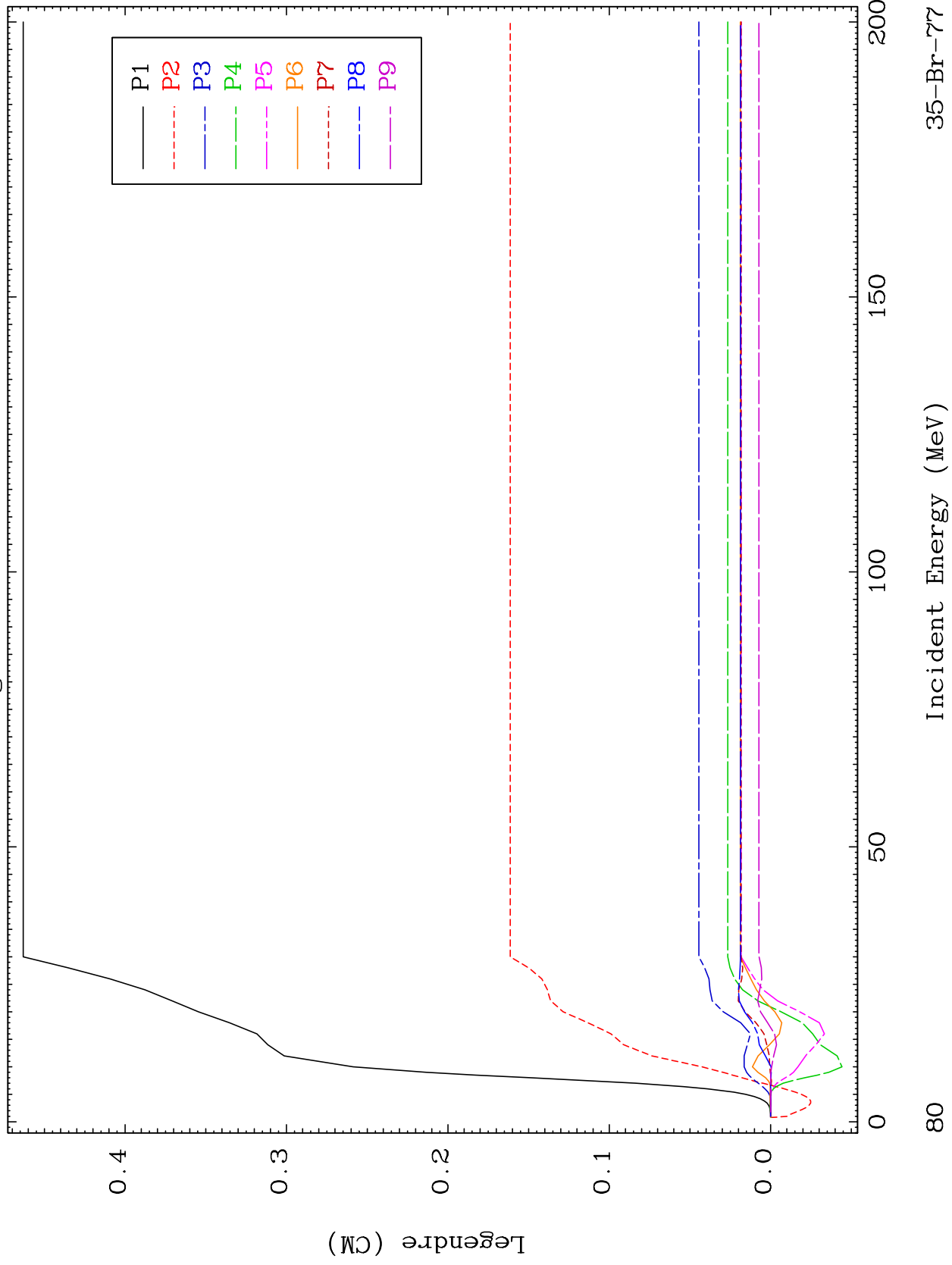




MAT 3519

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

35-Br-77



35-Br-77

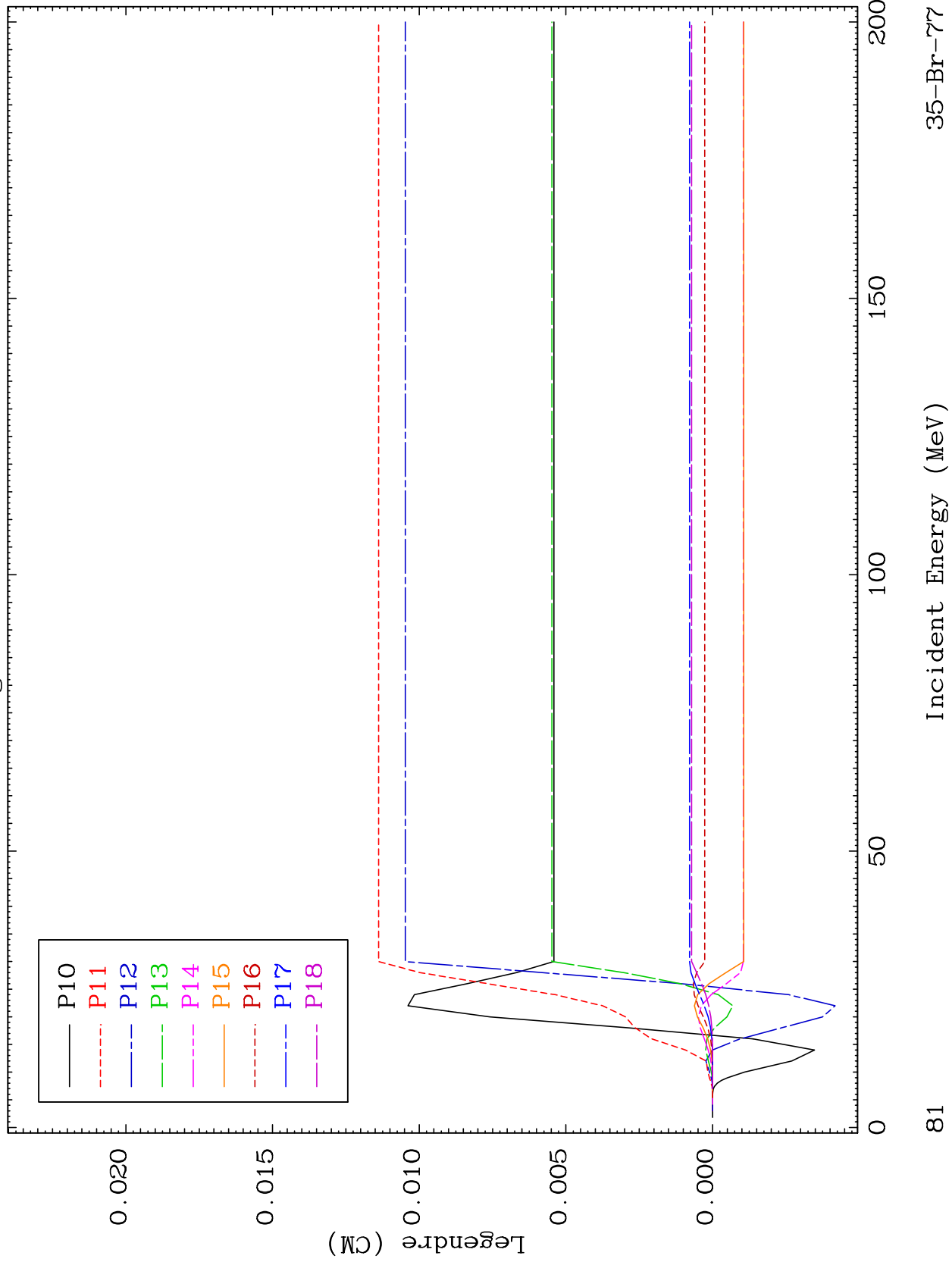
Incident Energy (MeV)

80

MAT 3519

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

35-Br-77



81

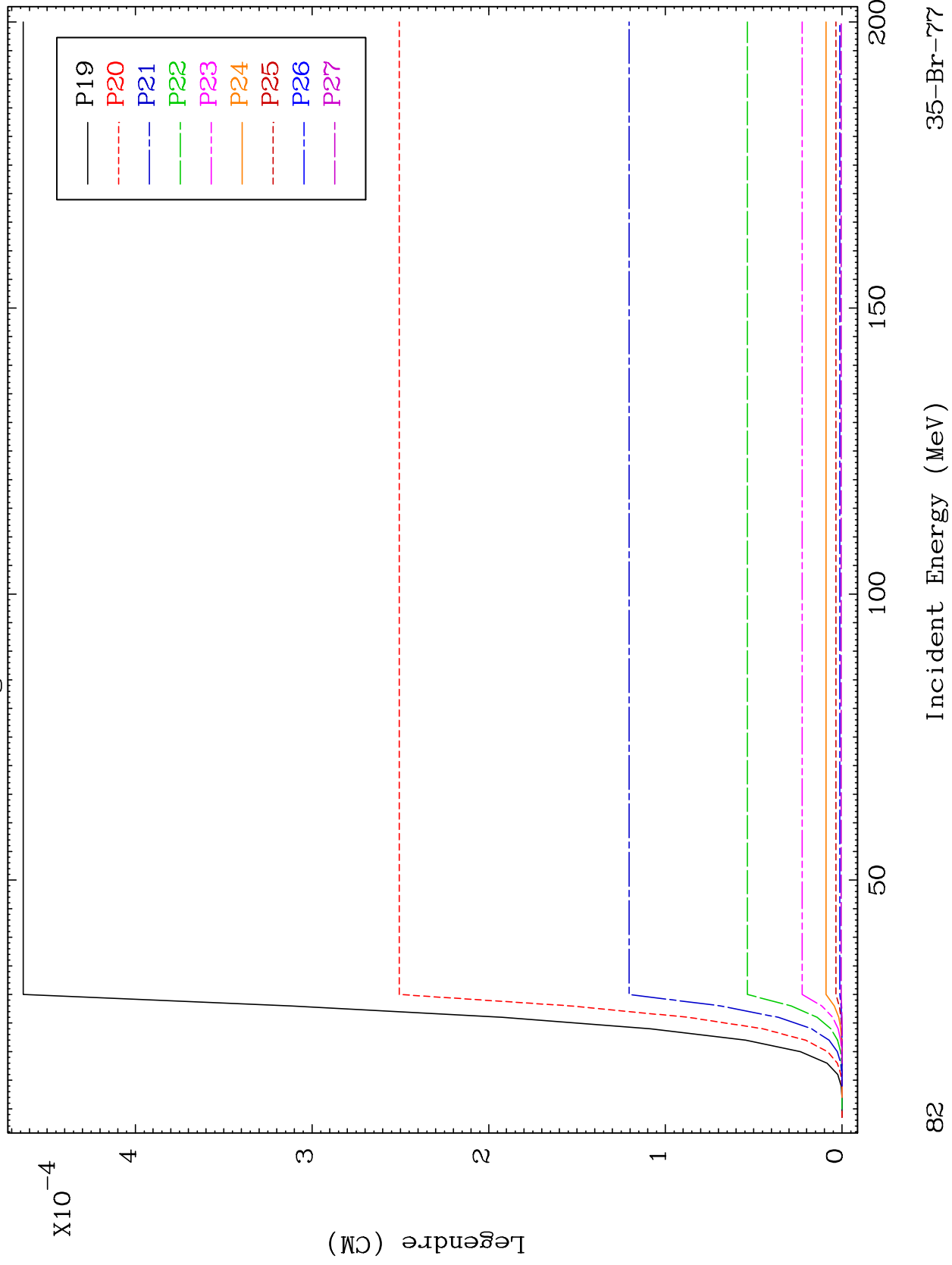
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



82

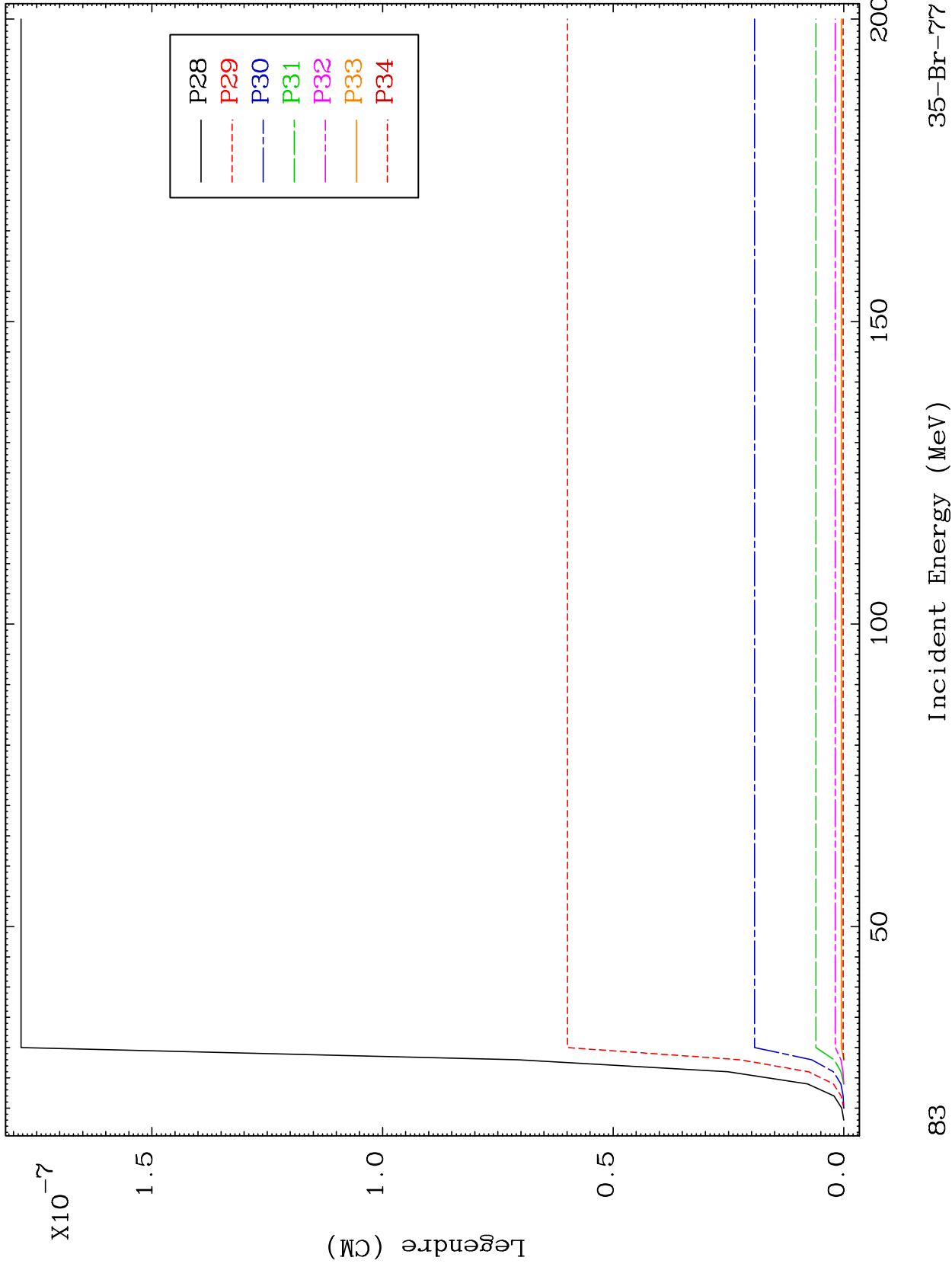
Incident Energy (MeV)

35-Br-77

MAT 3519

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

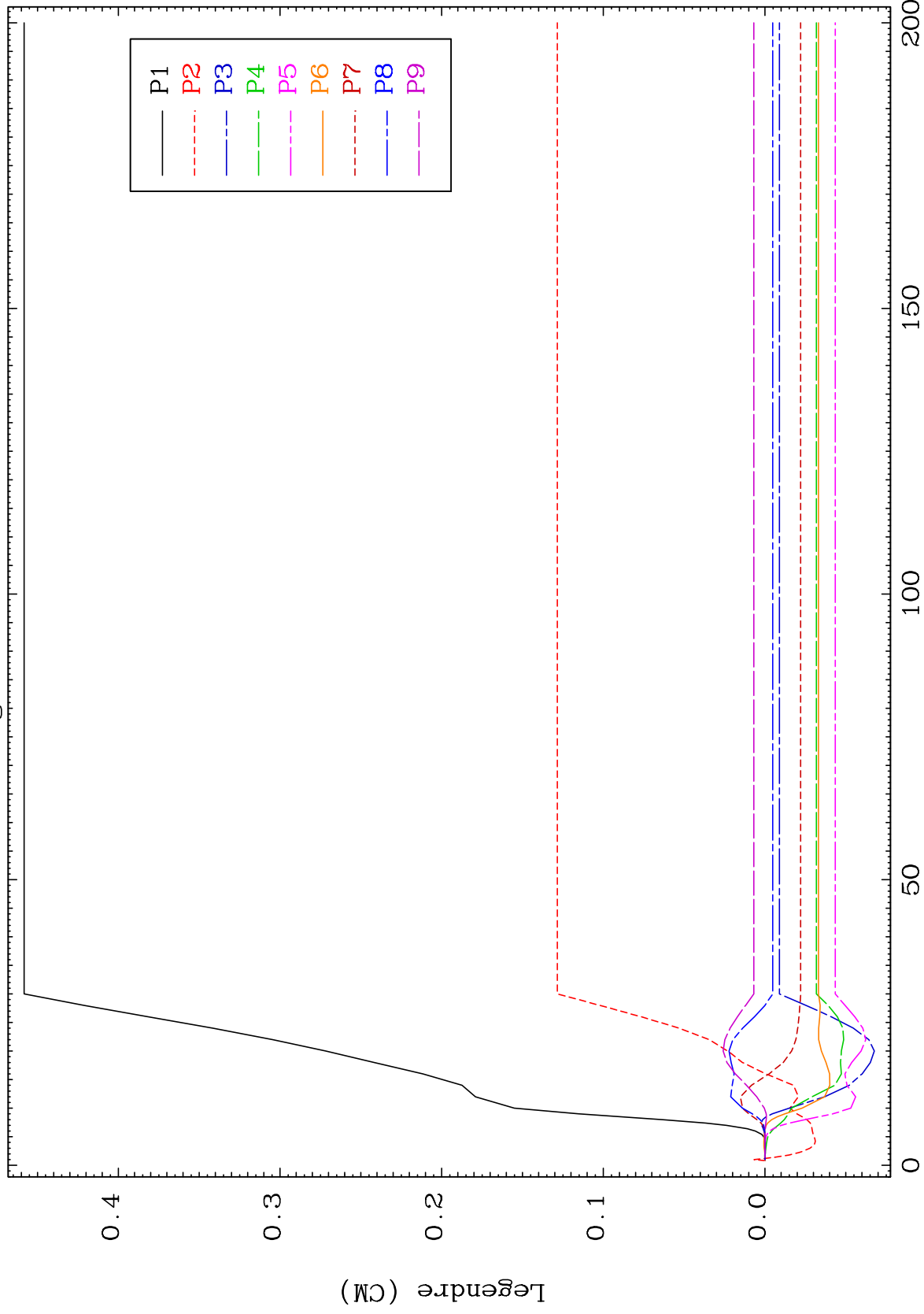
35-Br-77



MAT 3519

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

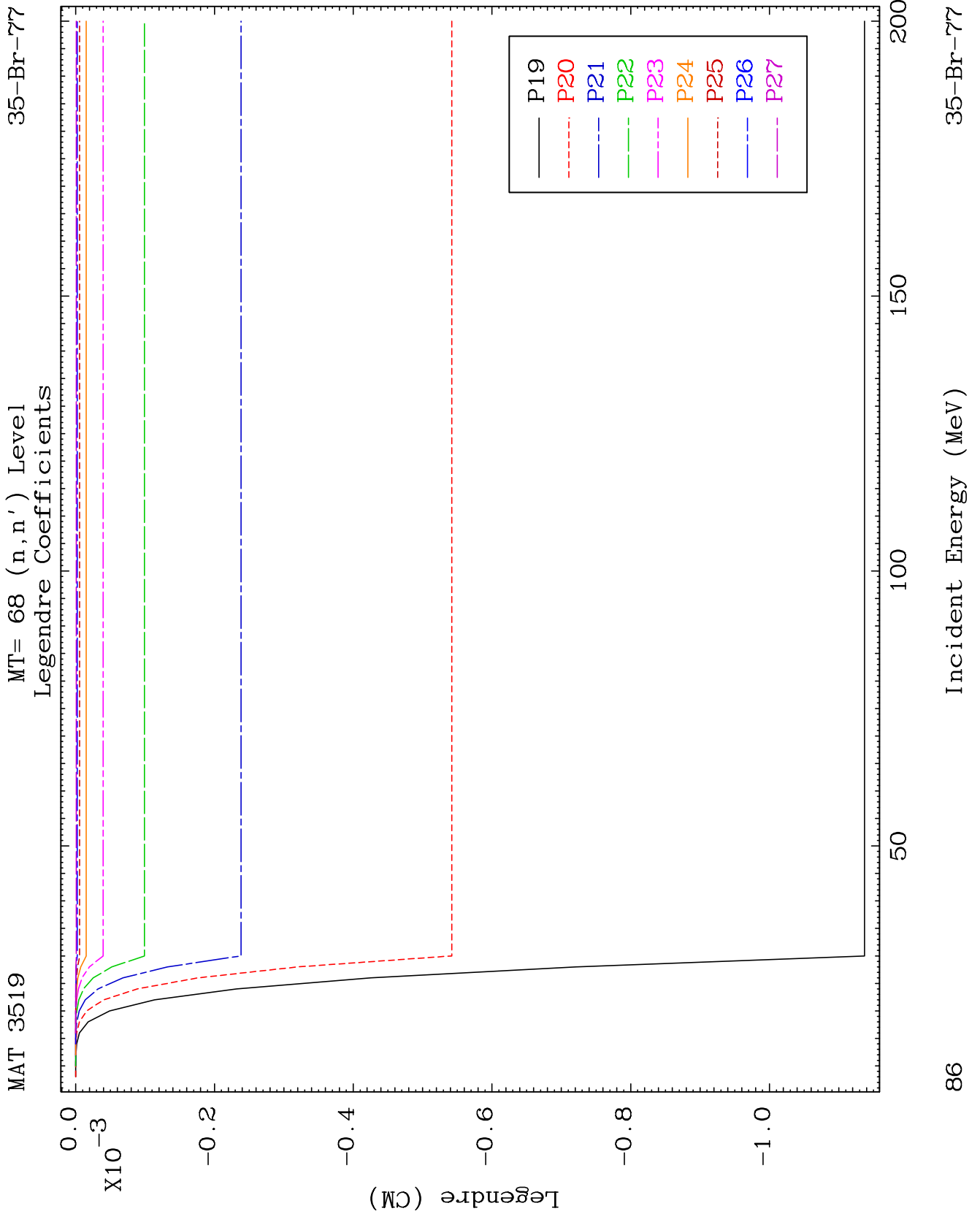
35-Br-77



84

Incident Energy (MeV)

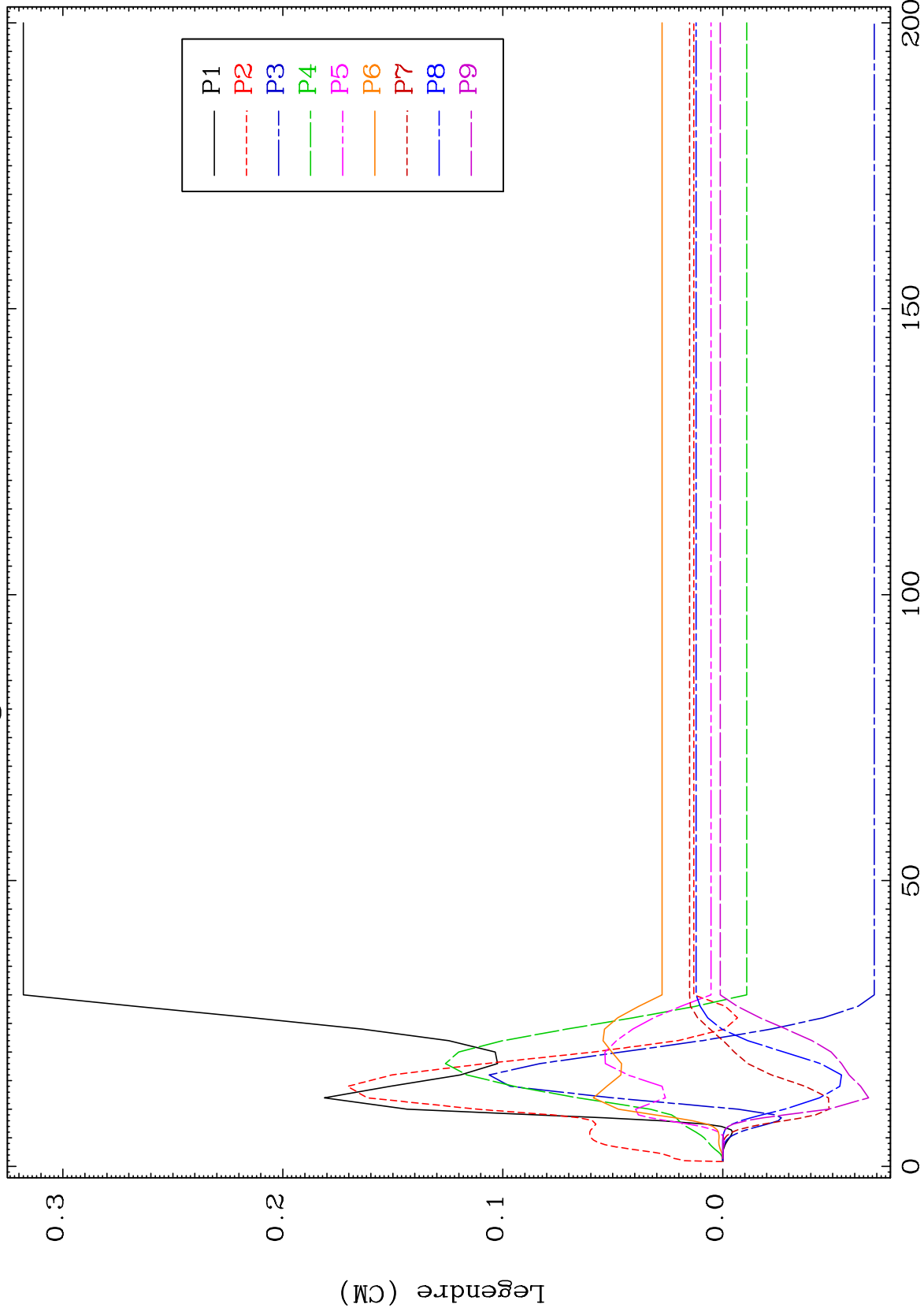
35-Br-77



MAT 3519

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

35-Br-77



88

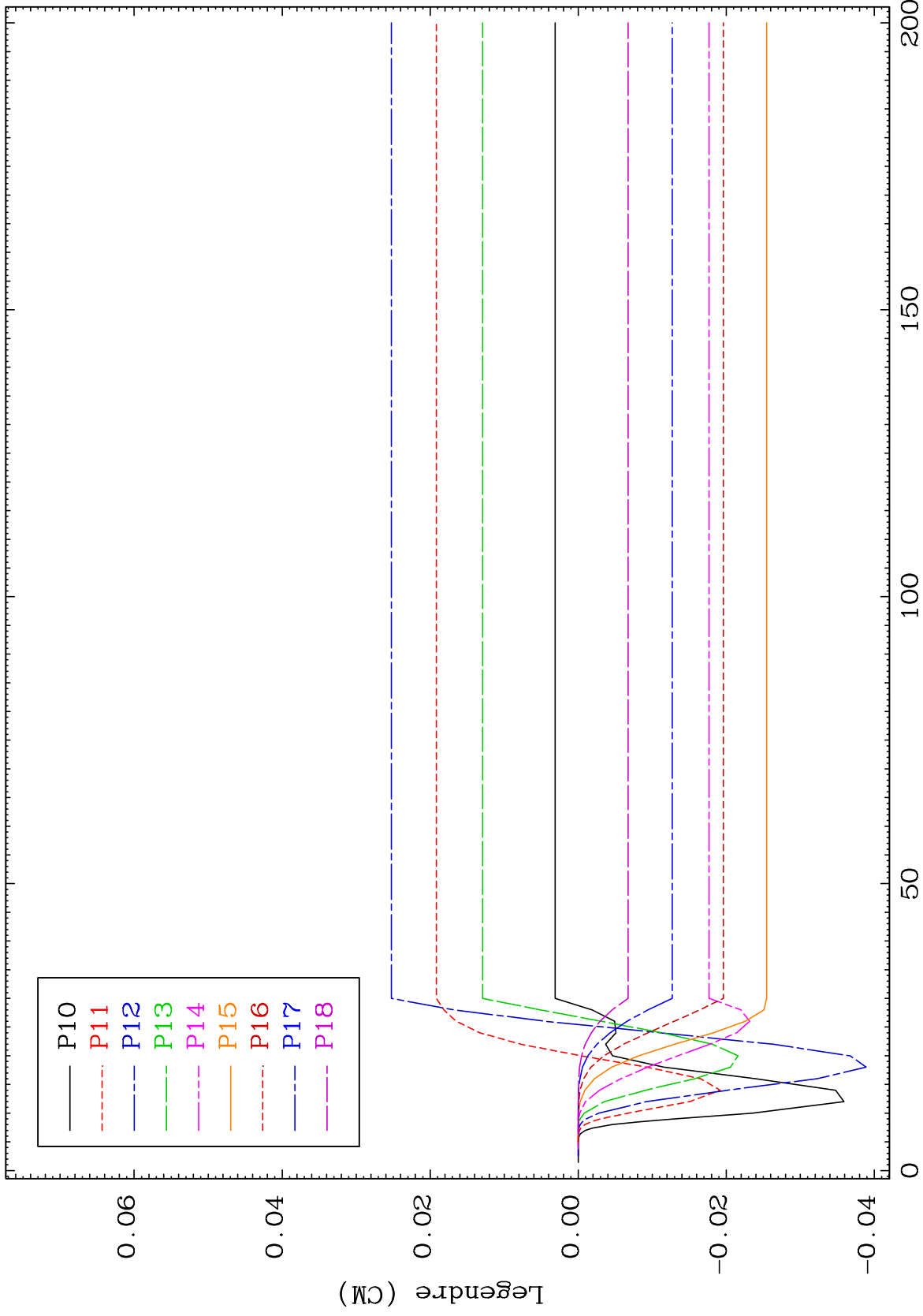
Incident Energy (MeV)

35-Br-77

MAT 3519

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

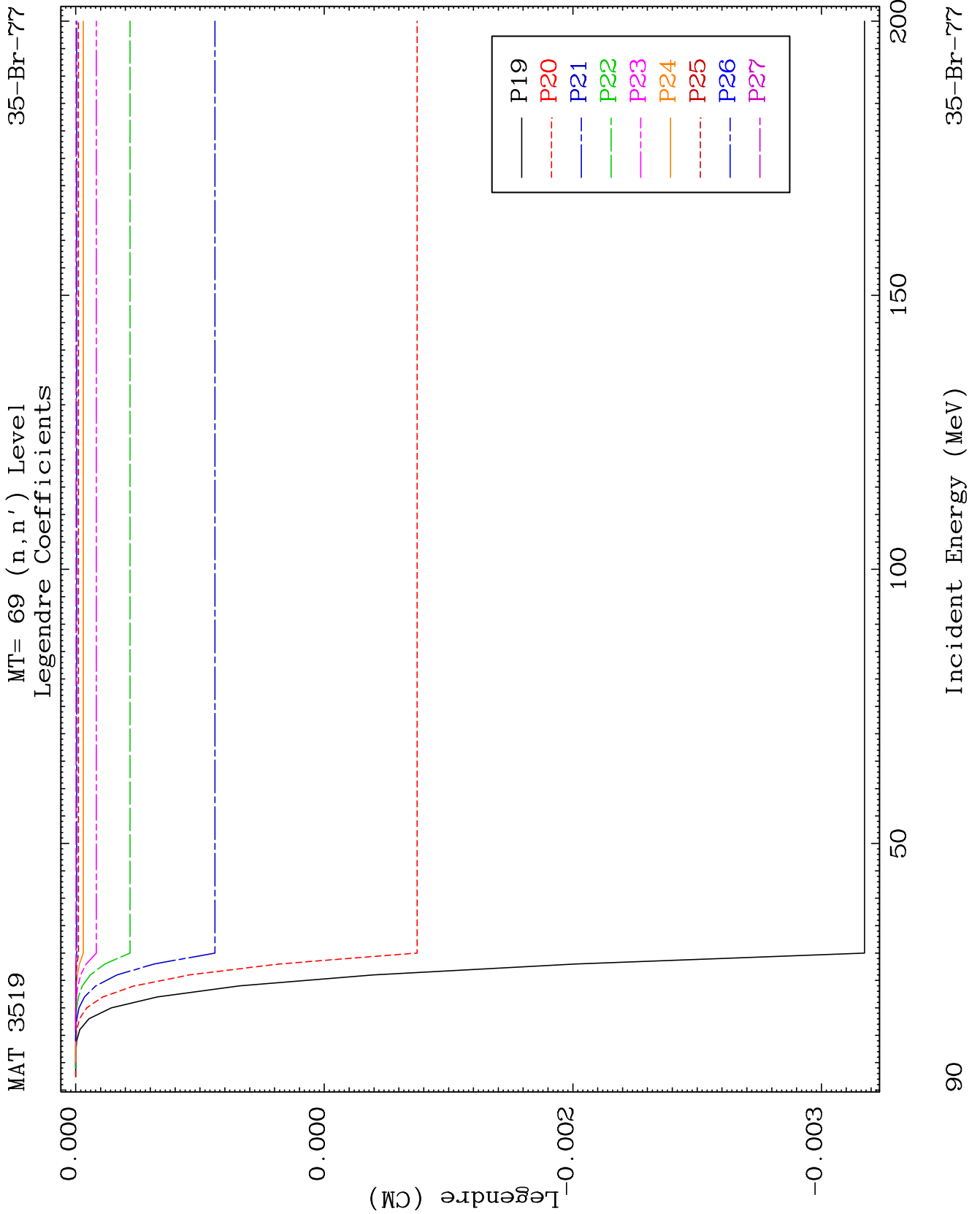
35-Br-77



89

Incident Energy (MeV)

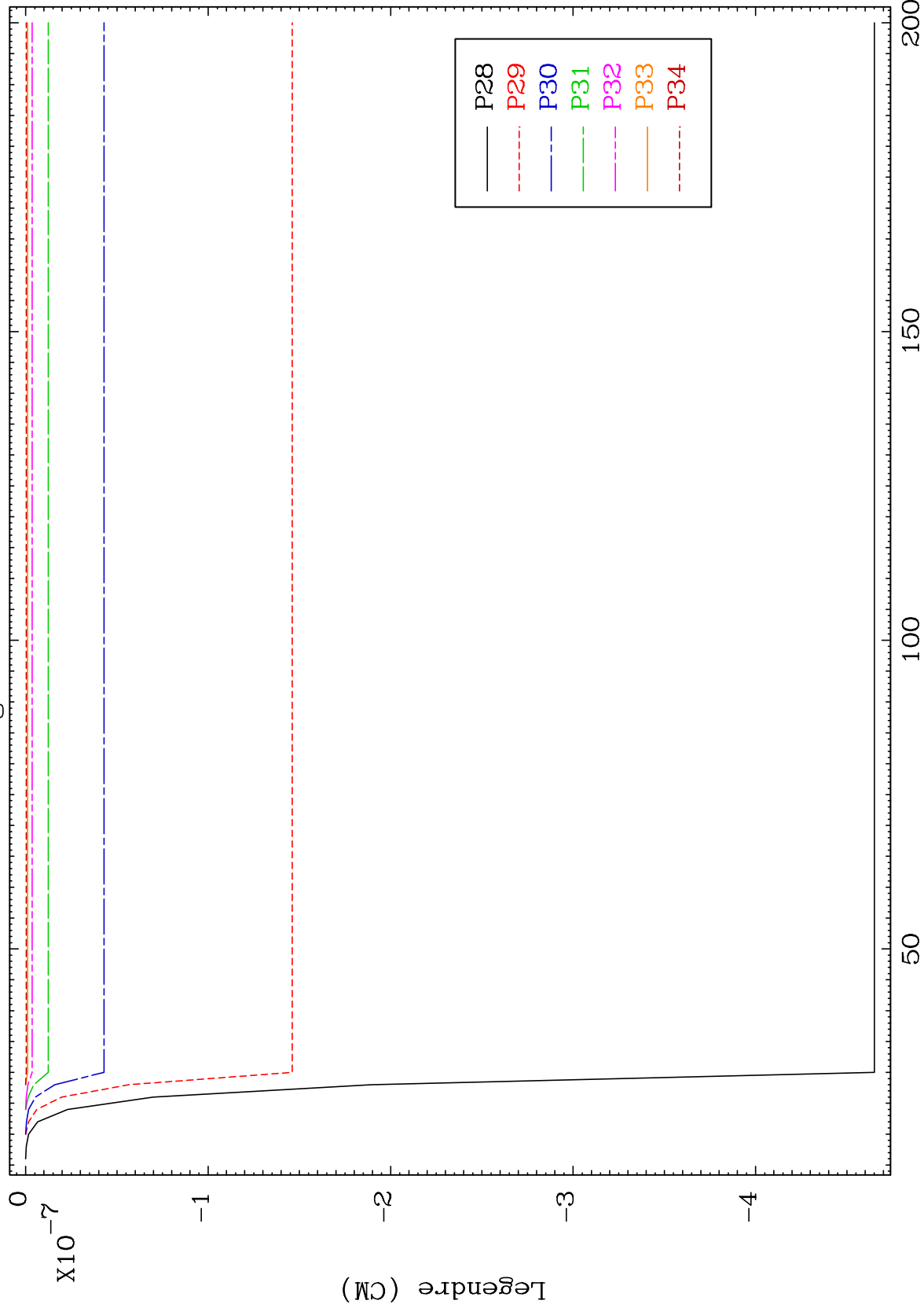
35-Br-77



MAT 3519

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

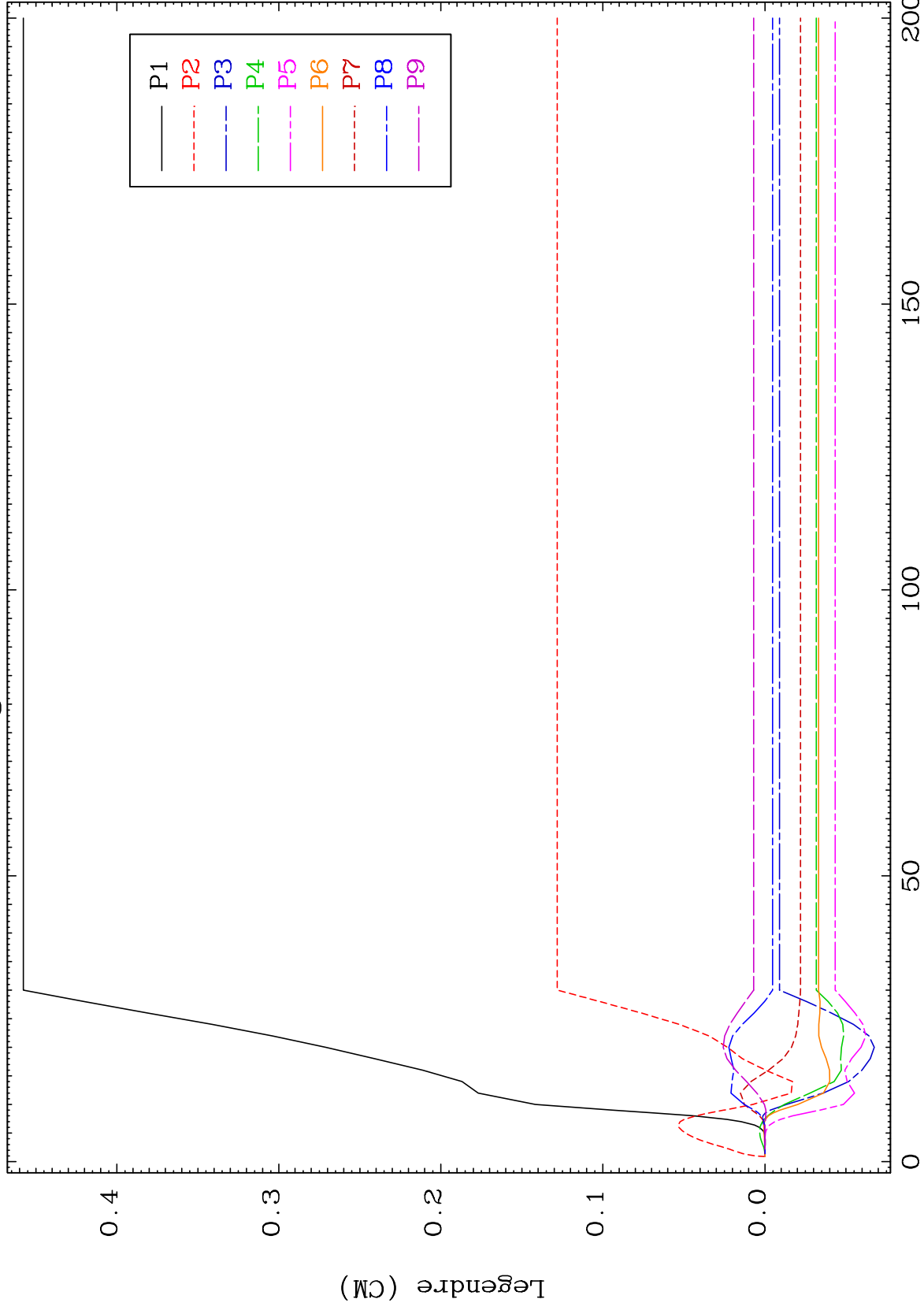
35-Br-77



MAT 3519

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

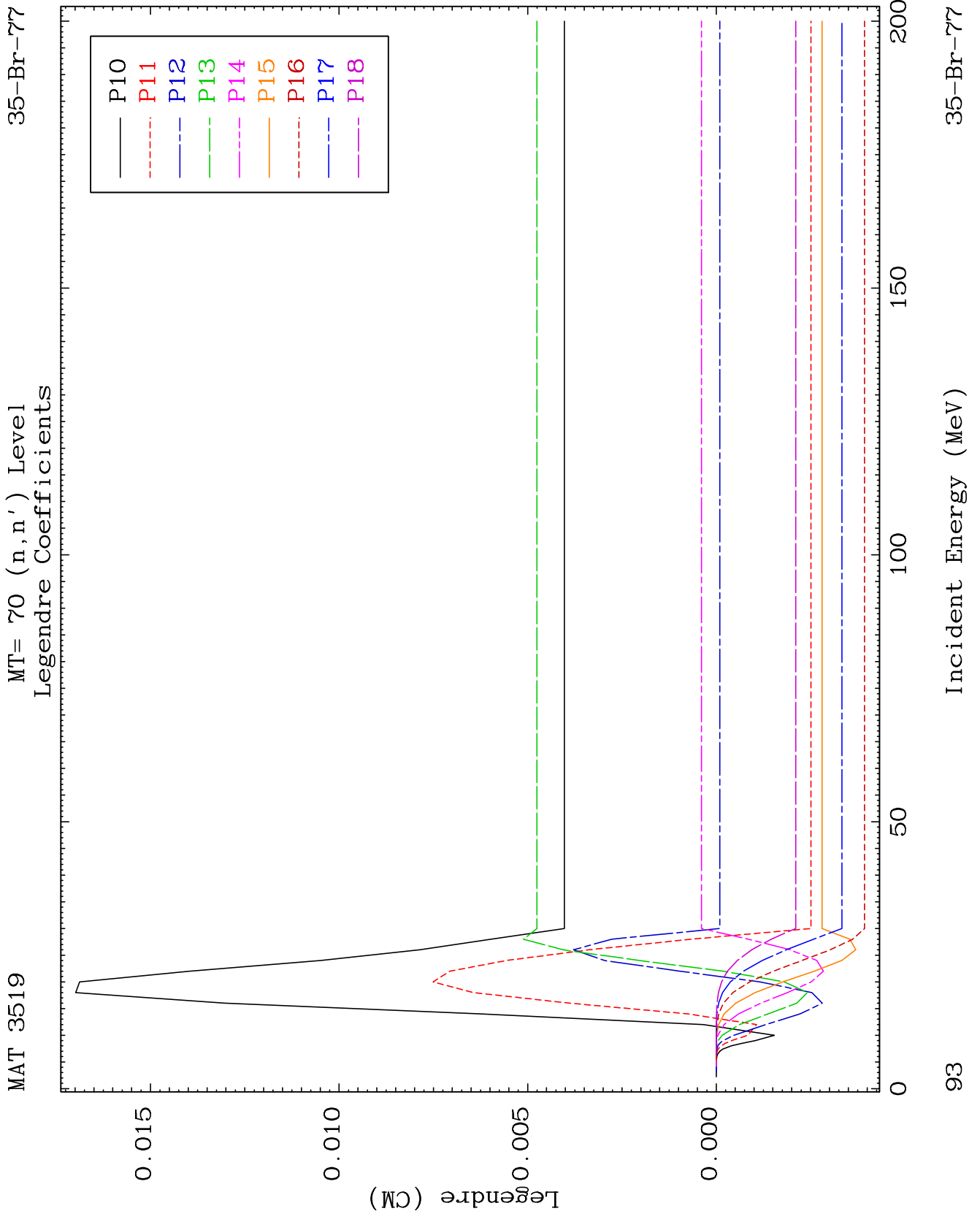
35-Br-77

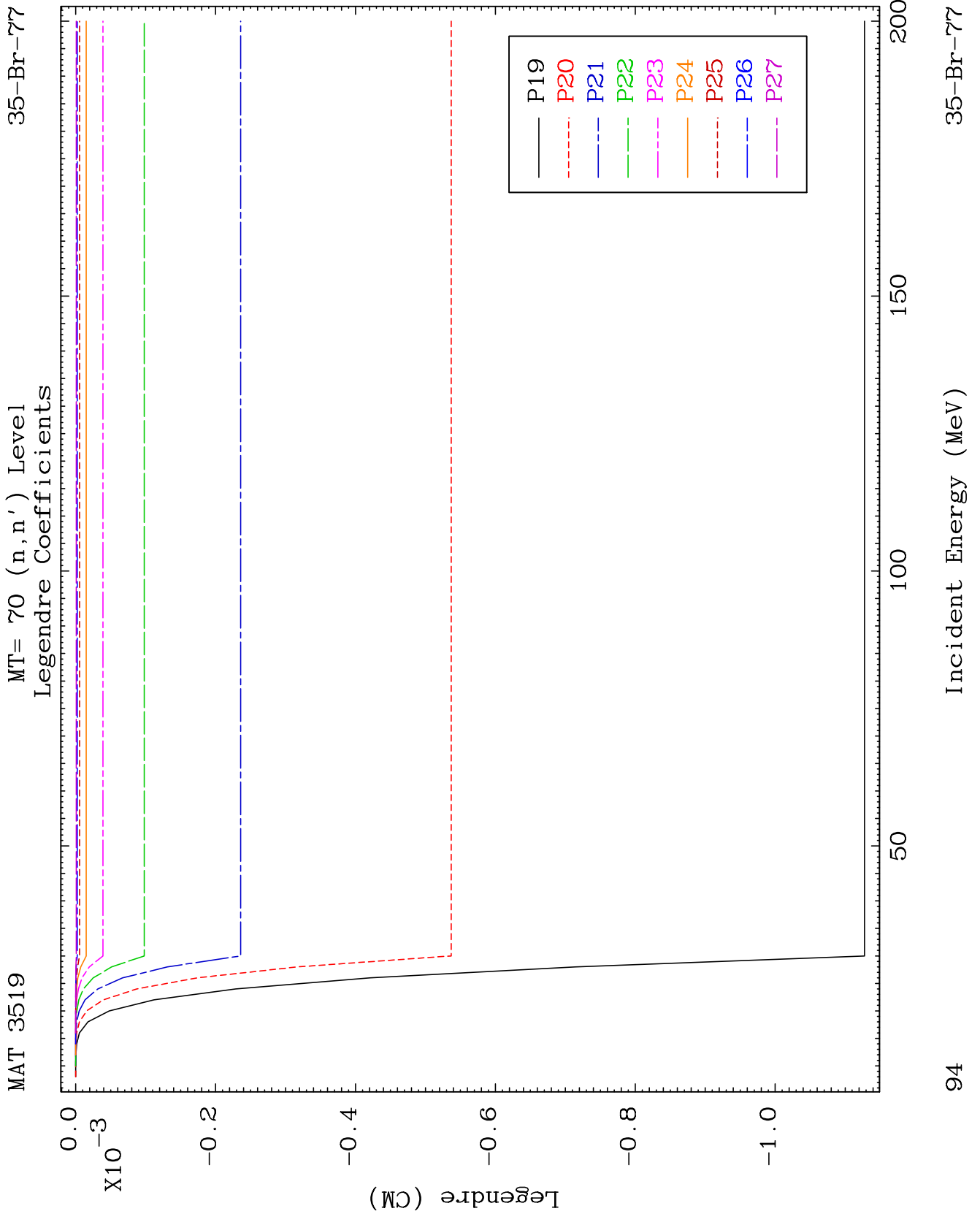


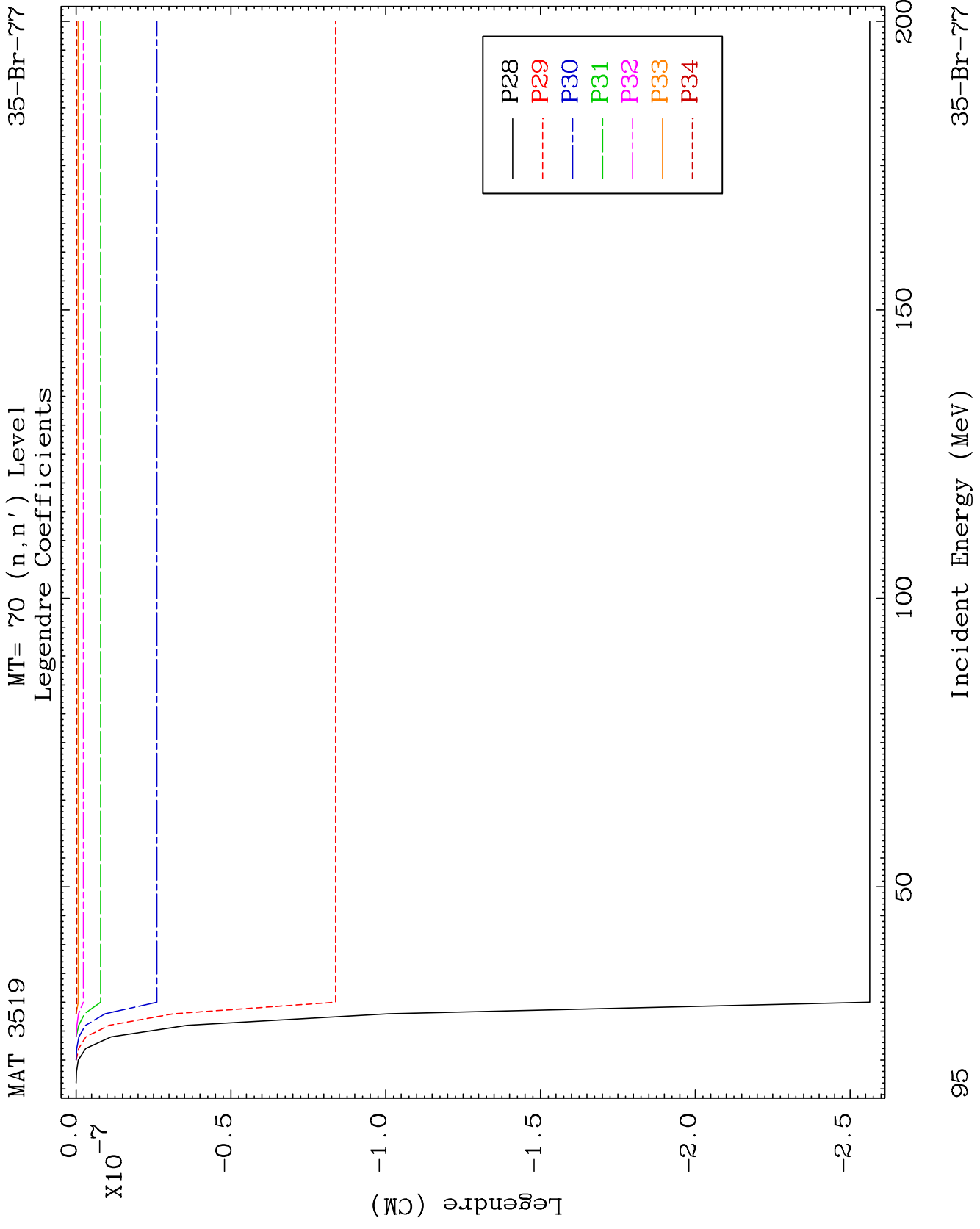
92

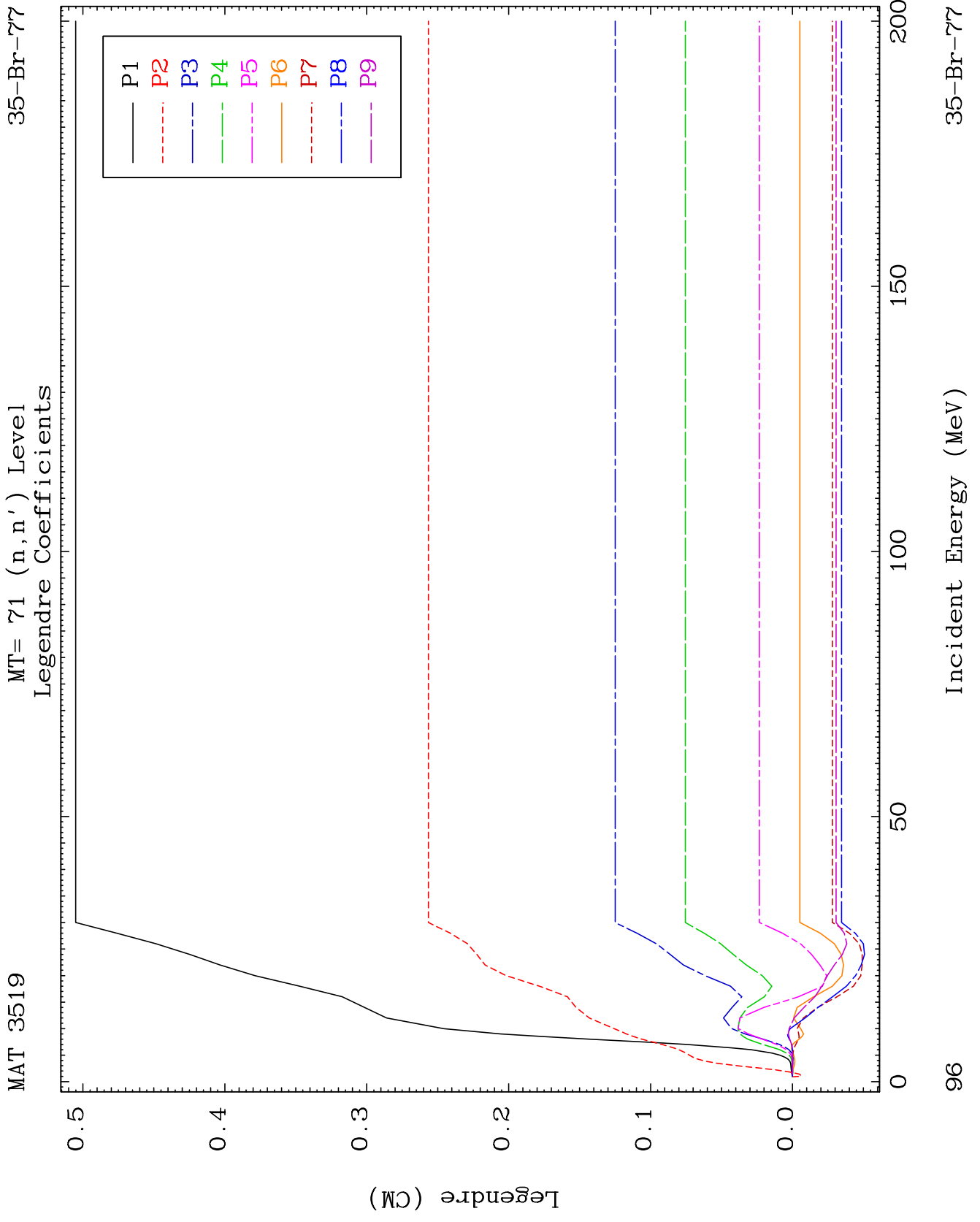
Incident Energy (MeV)

35-Br-77





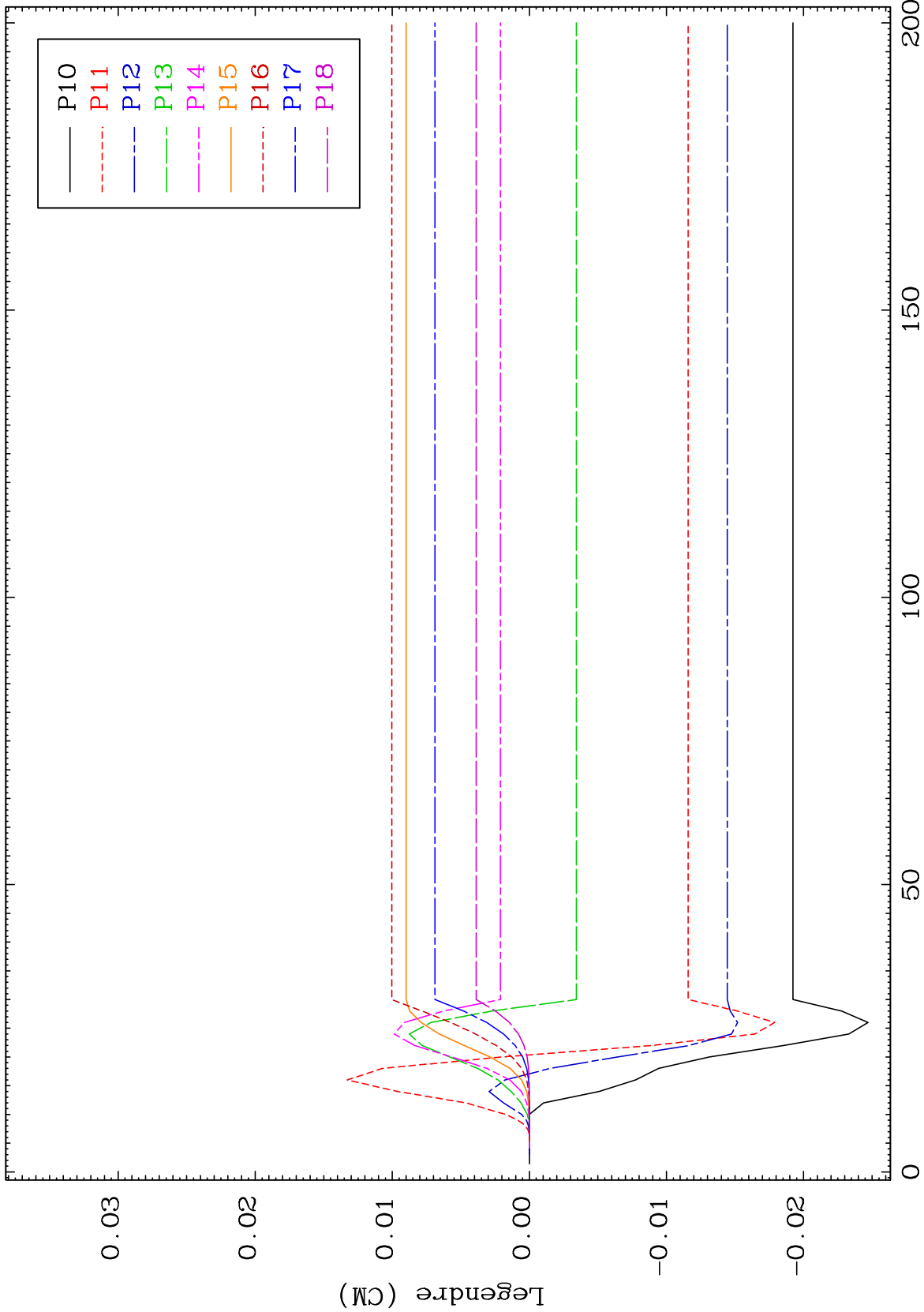




MAT 3519

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

35-Br-77



97

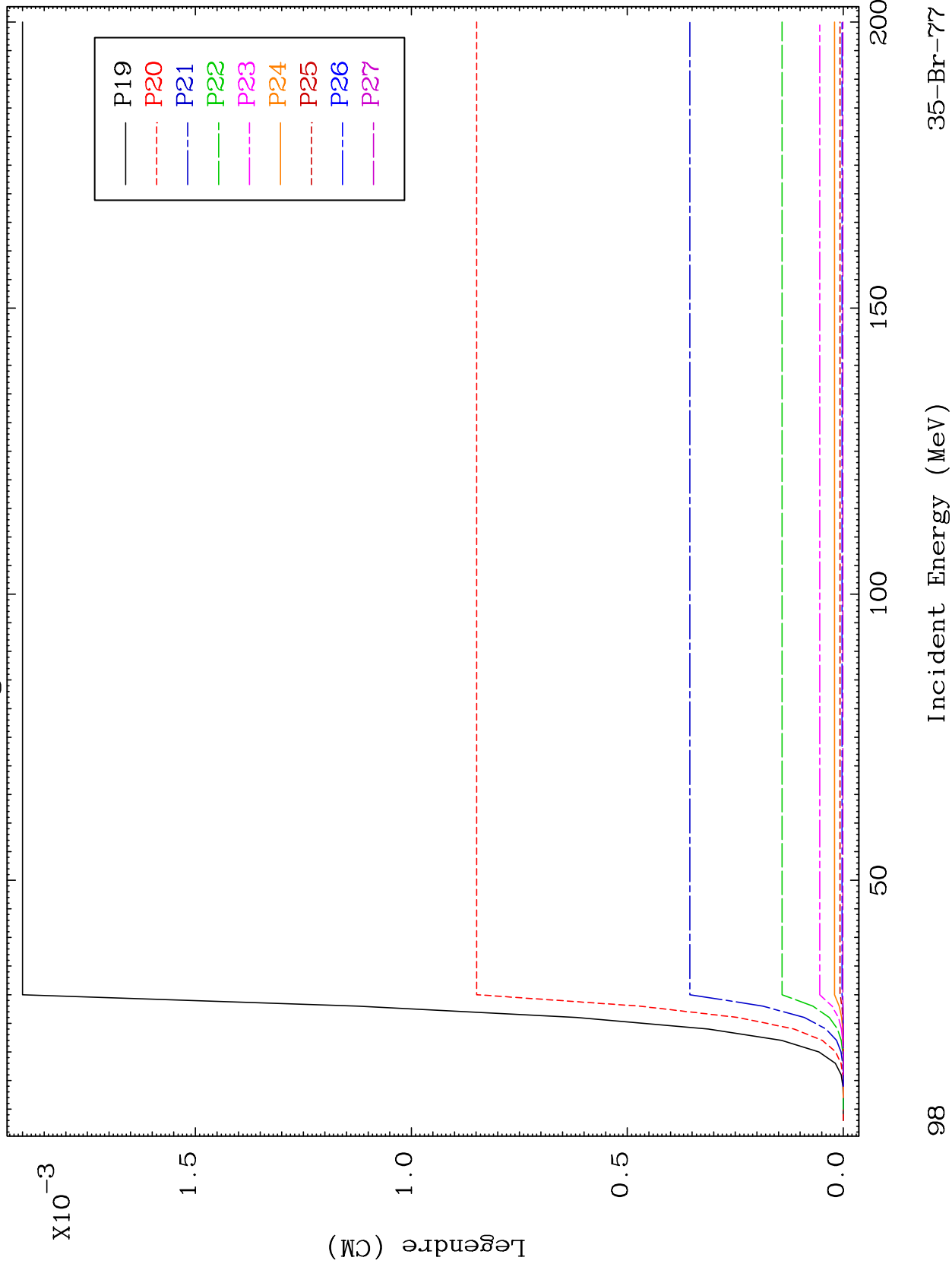
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



98

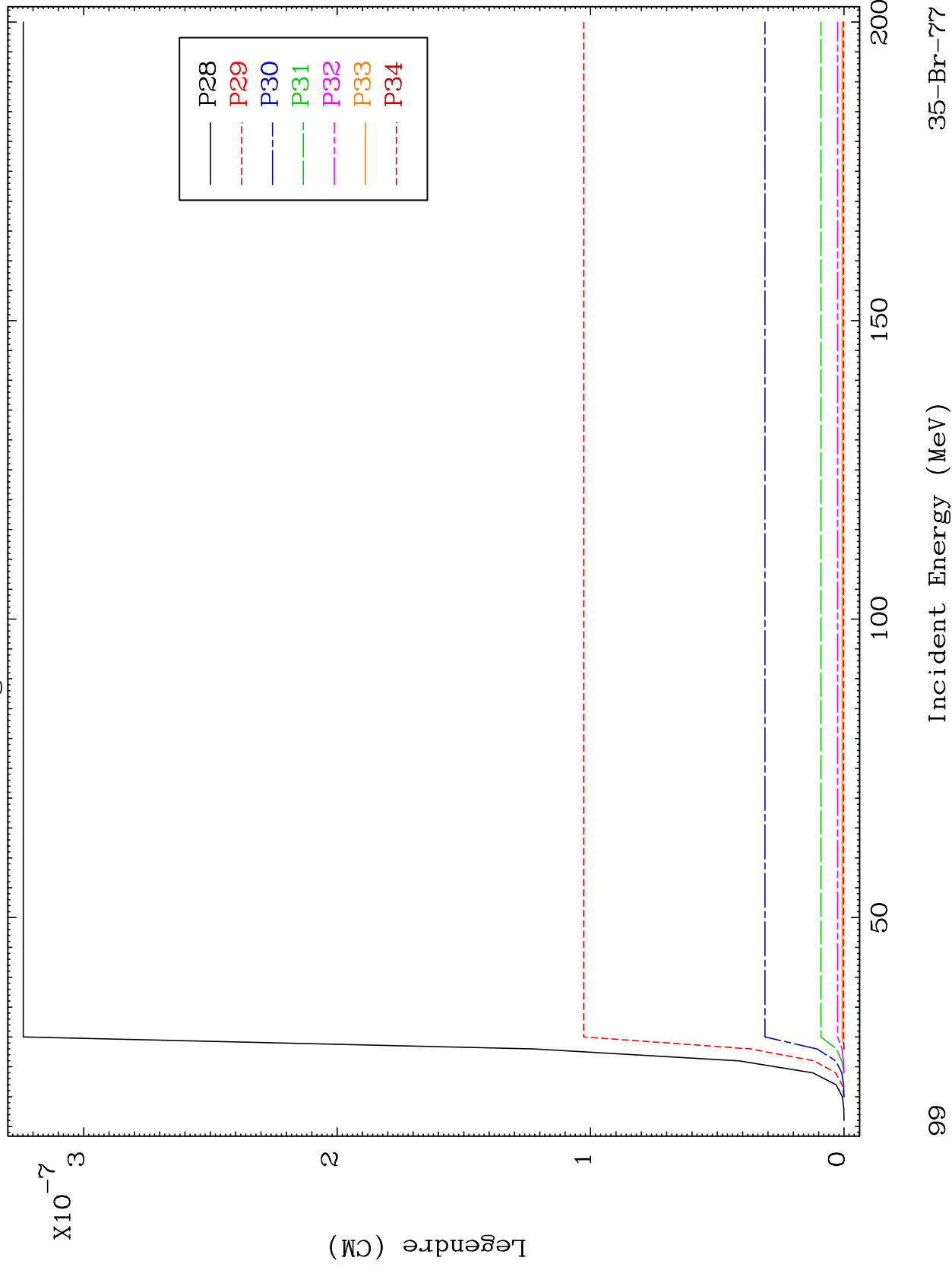
Incident Energy (MeV)

35-Br-77

MAT 3519

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

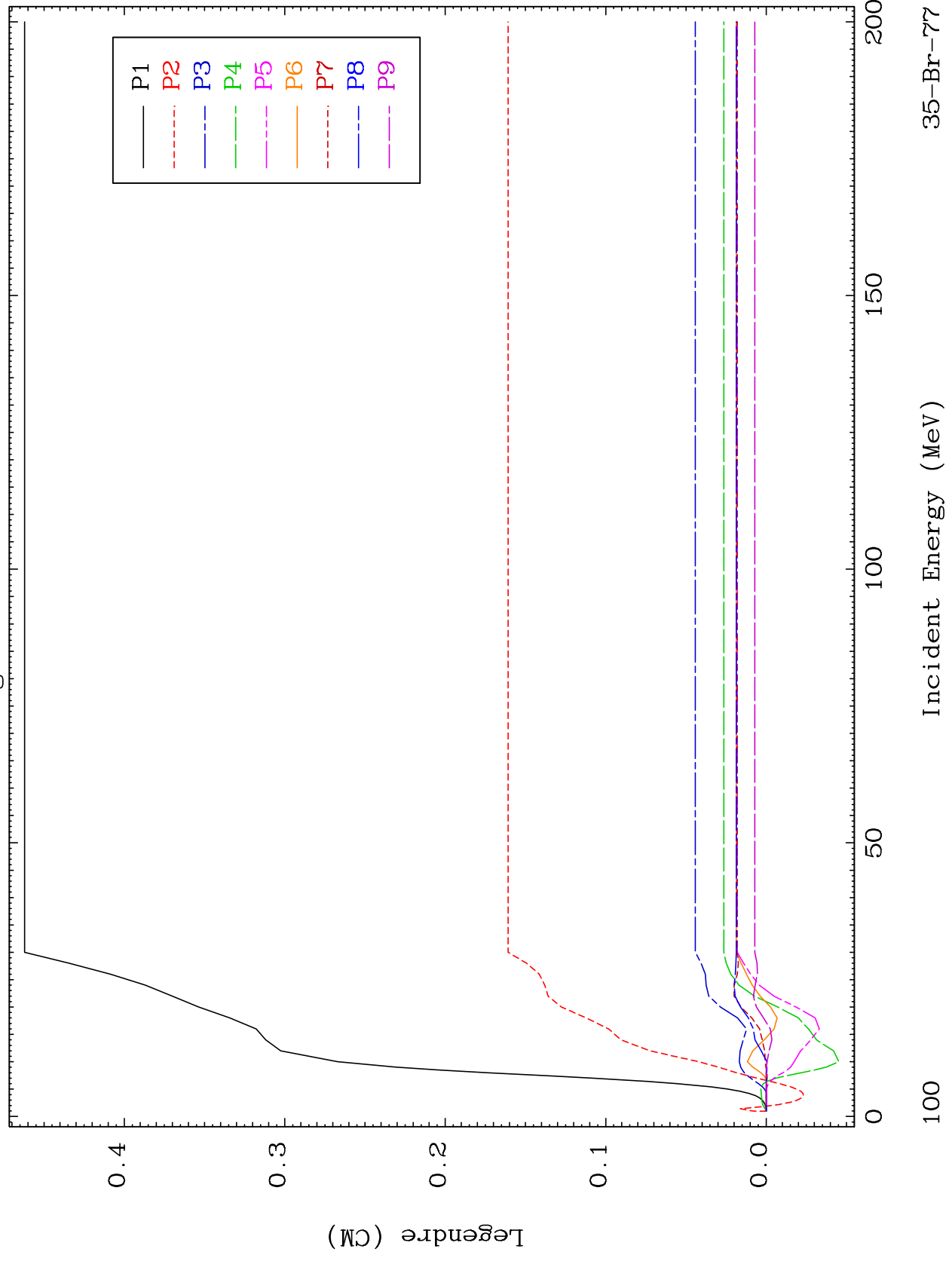
35-Br-77



MAT 3519

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

35-Br-77

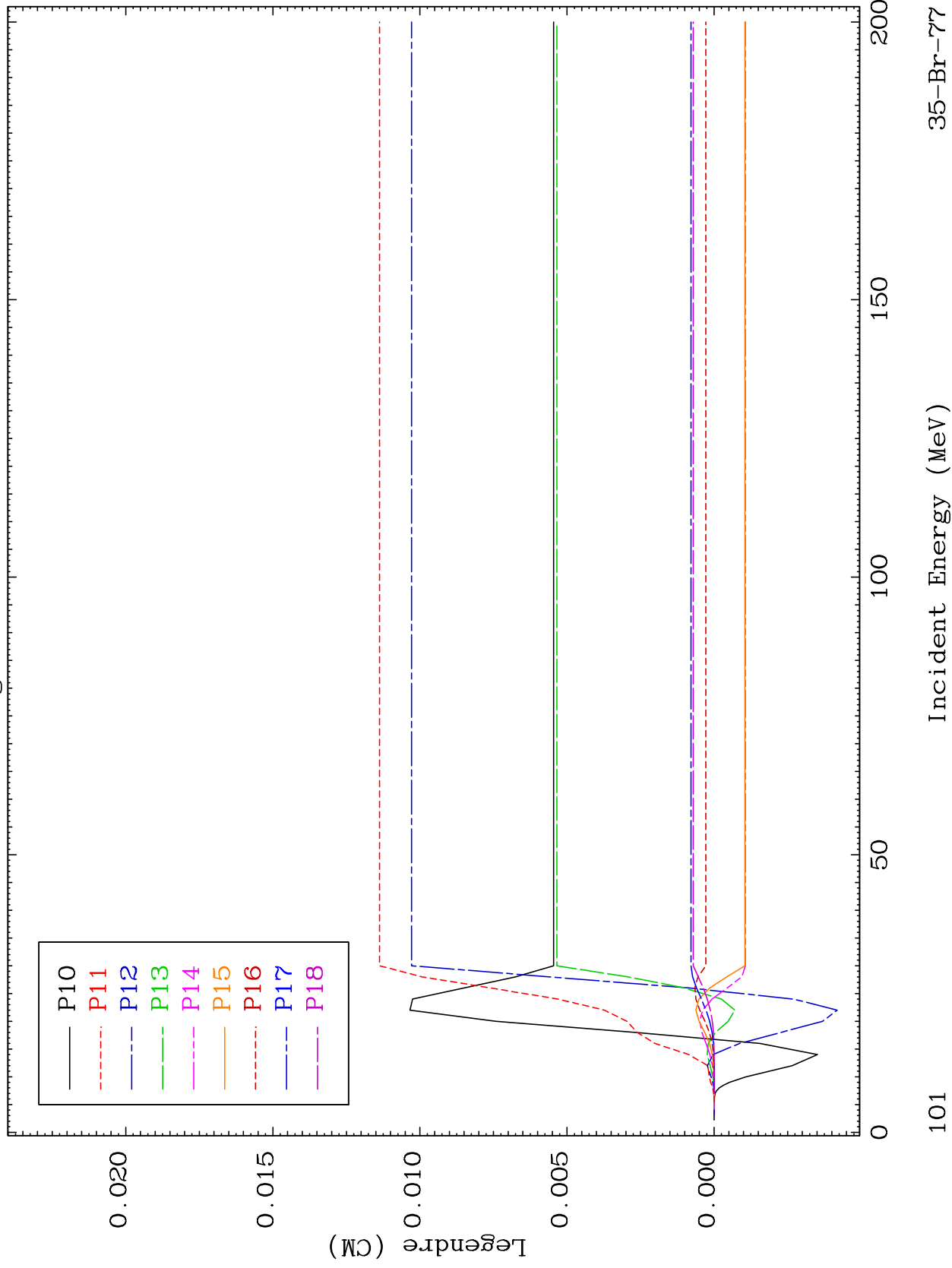


35-Br-77

MAT 3519

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

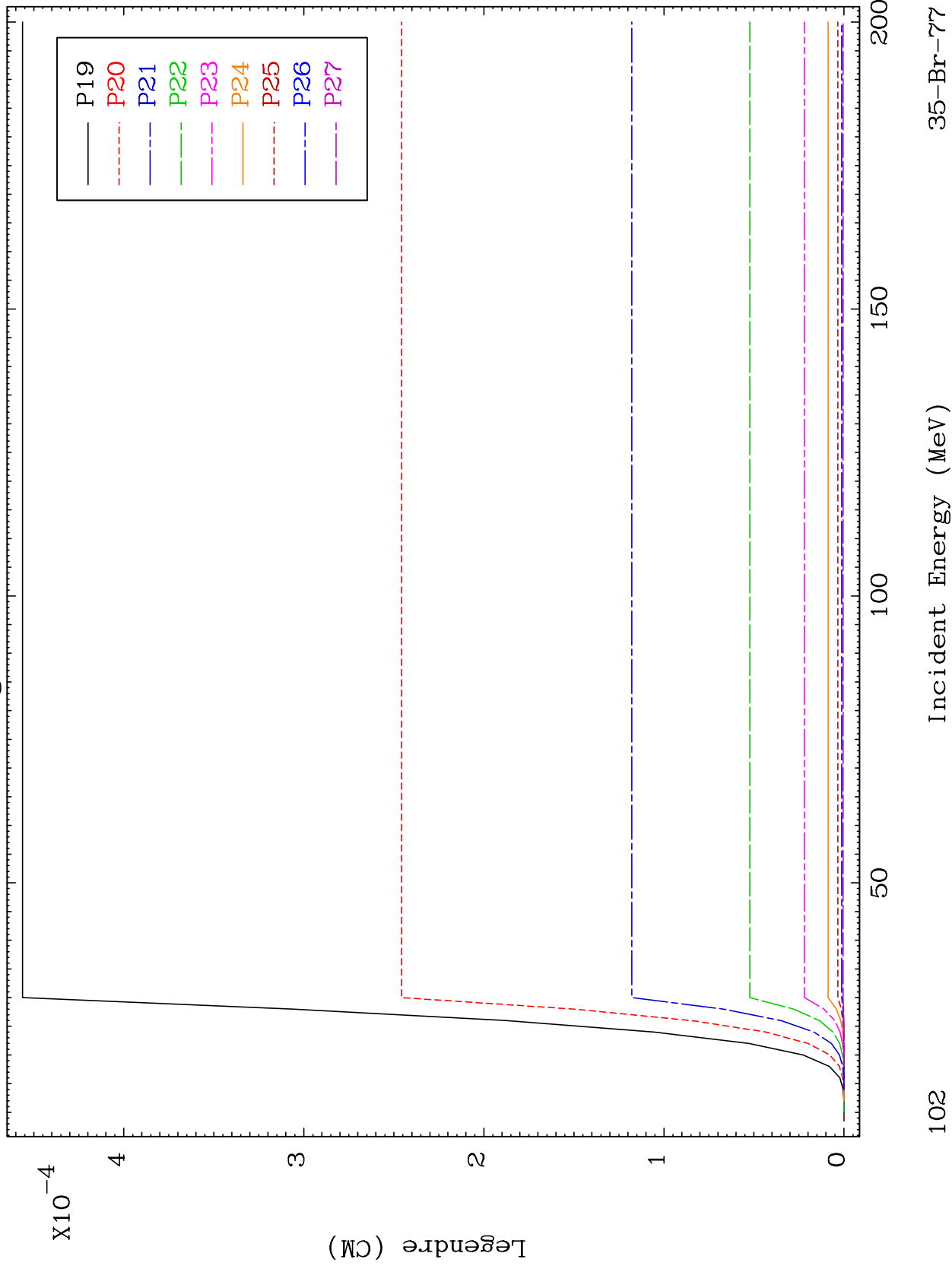
35-Br-77



MAT 3519

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

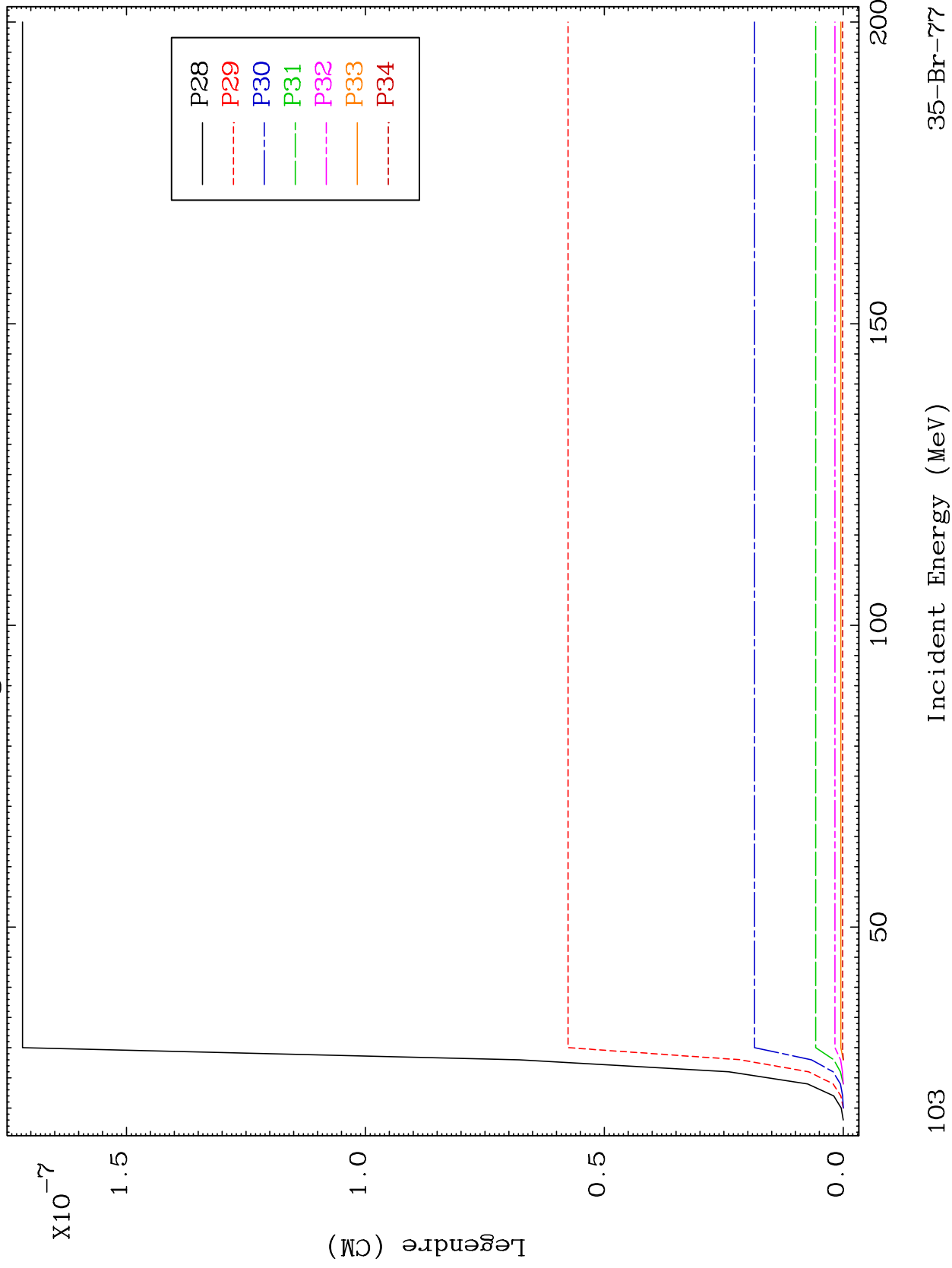
35-Br-77



MAT 3519

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

35-Br-77



103

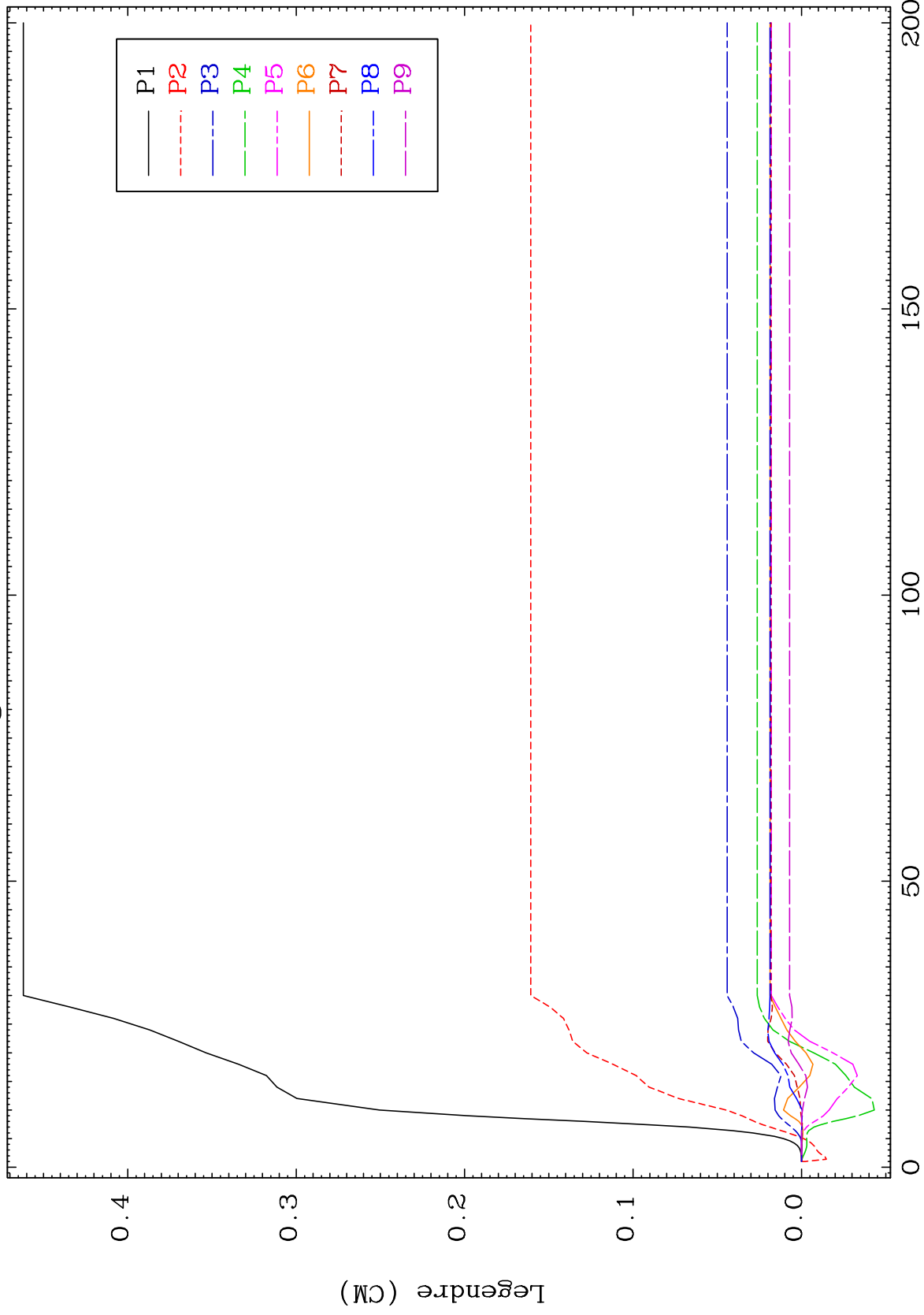
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



104

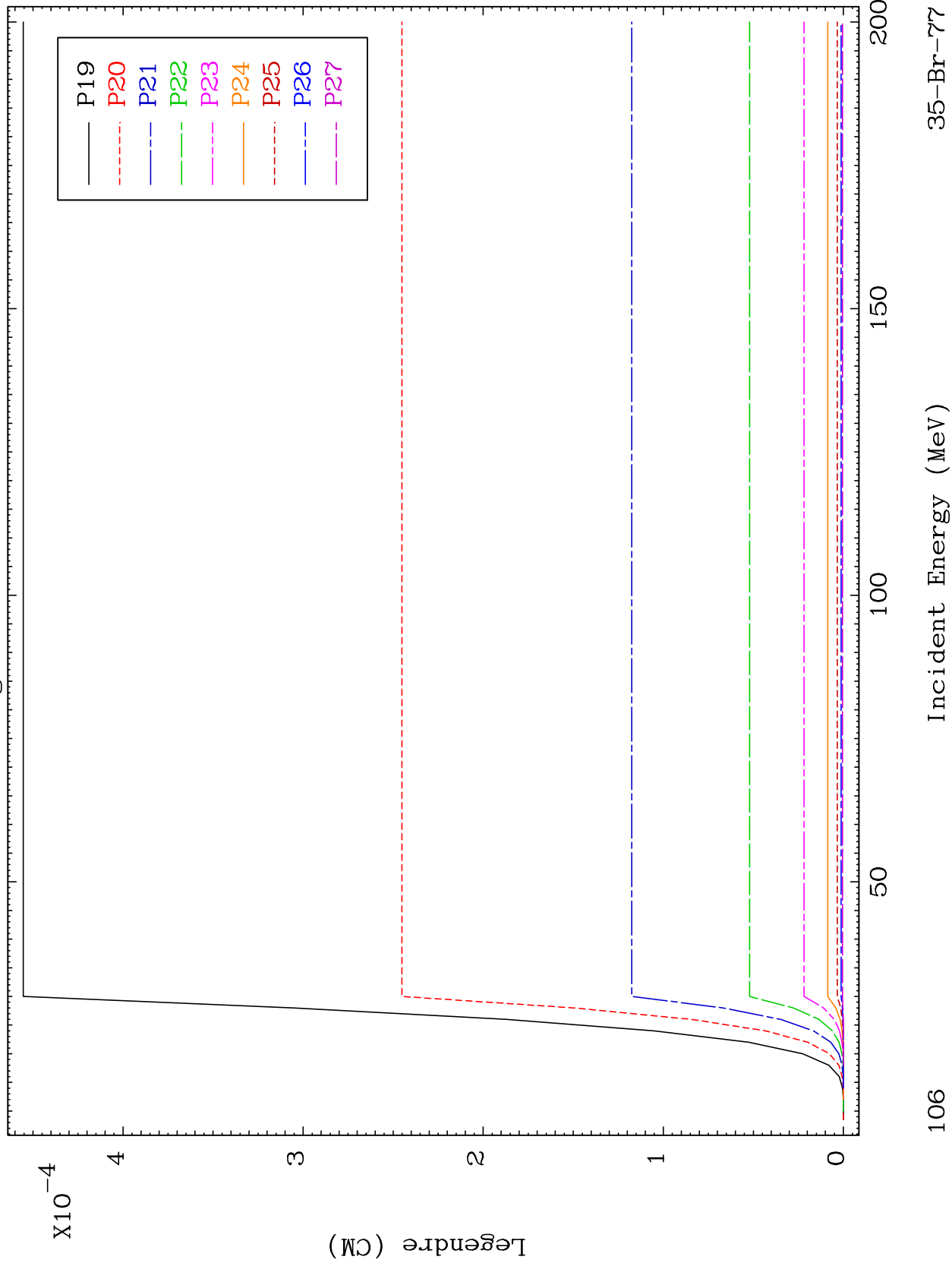
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



106

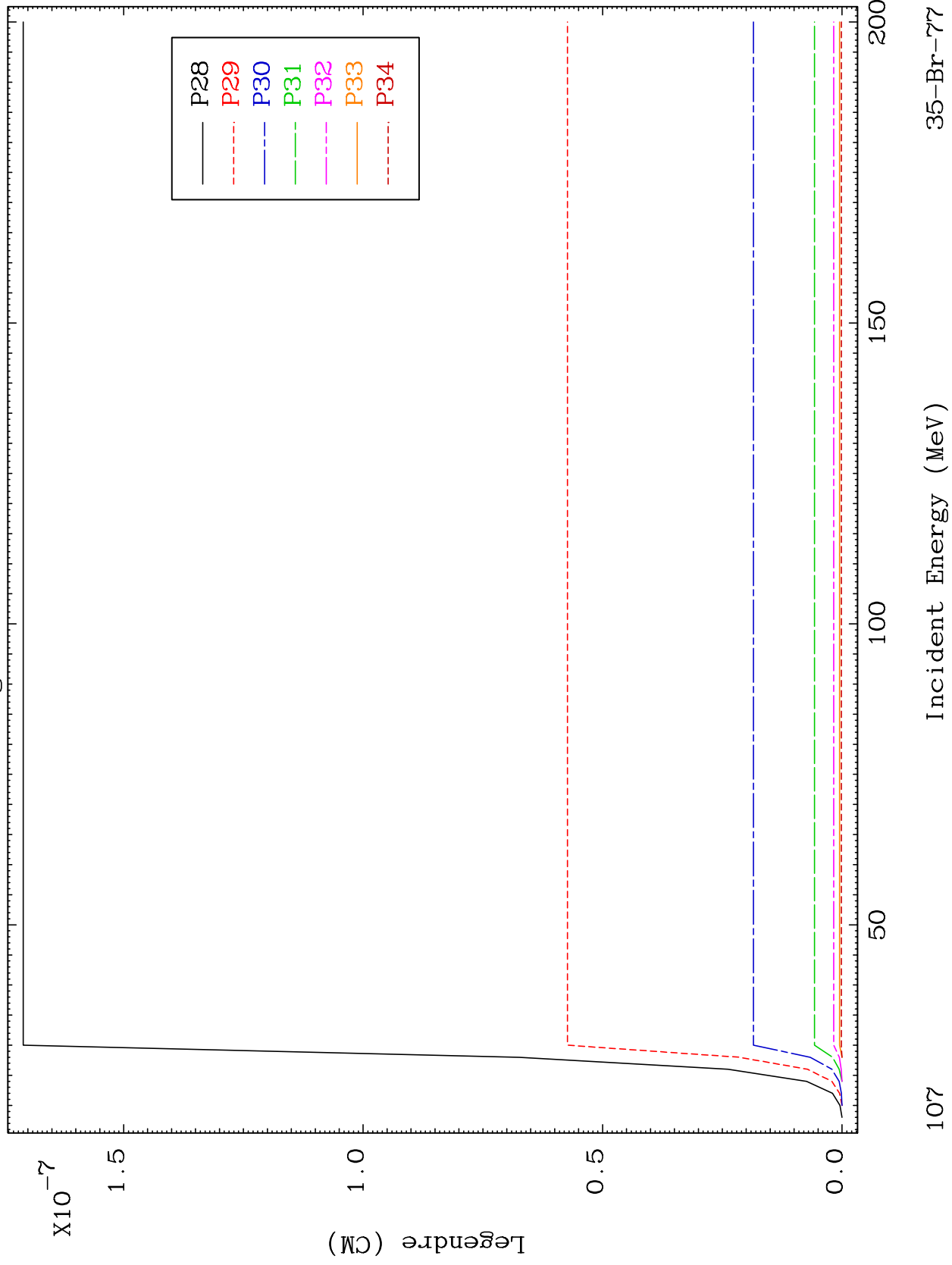
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



107

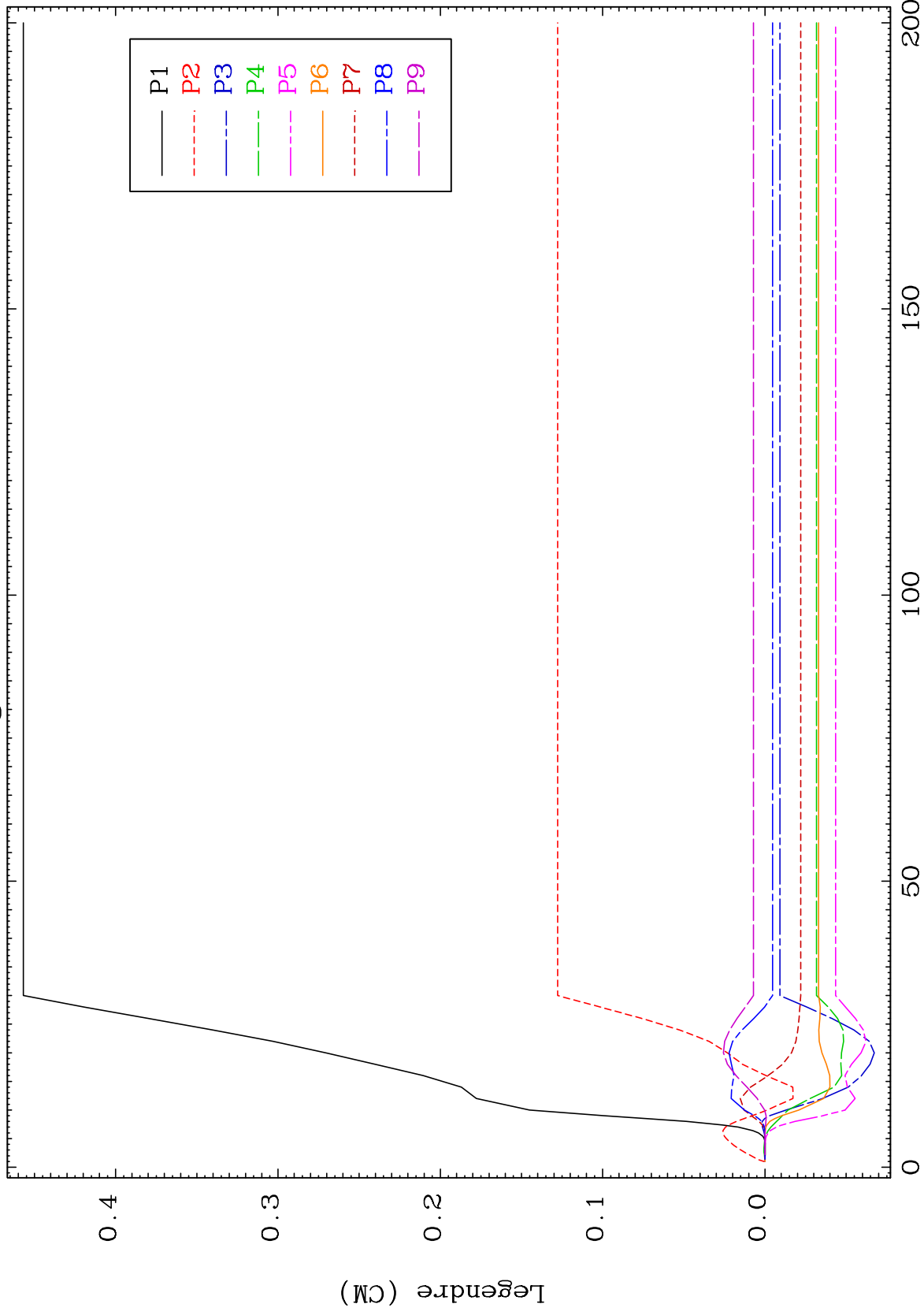
Incident Energy (MeV)

35-Br-77

MAT 3519

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

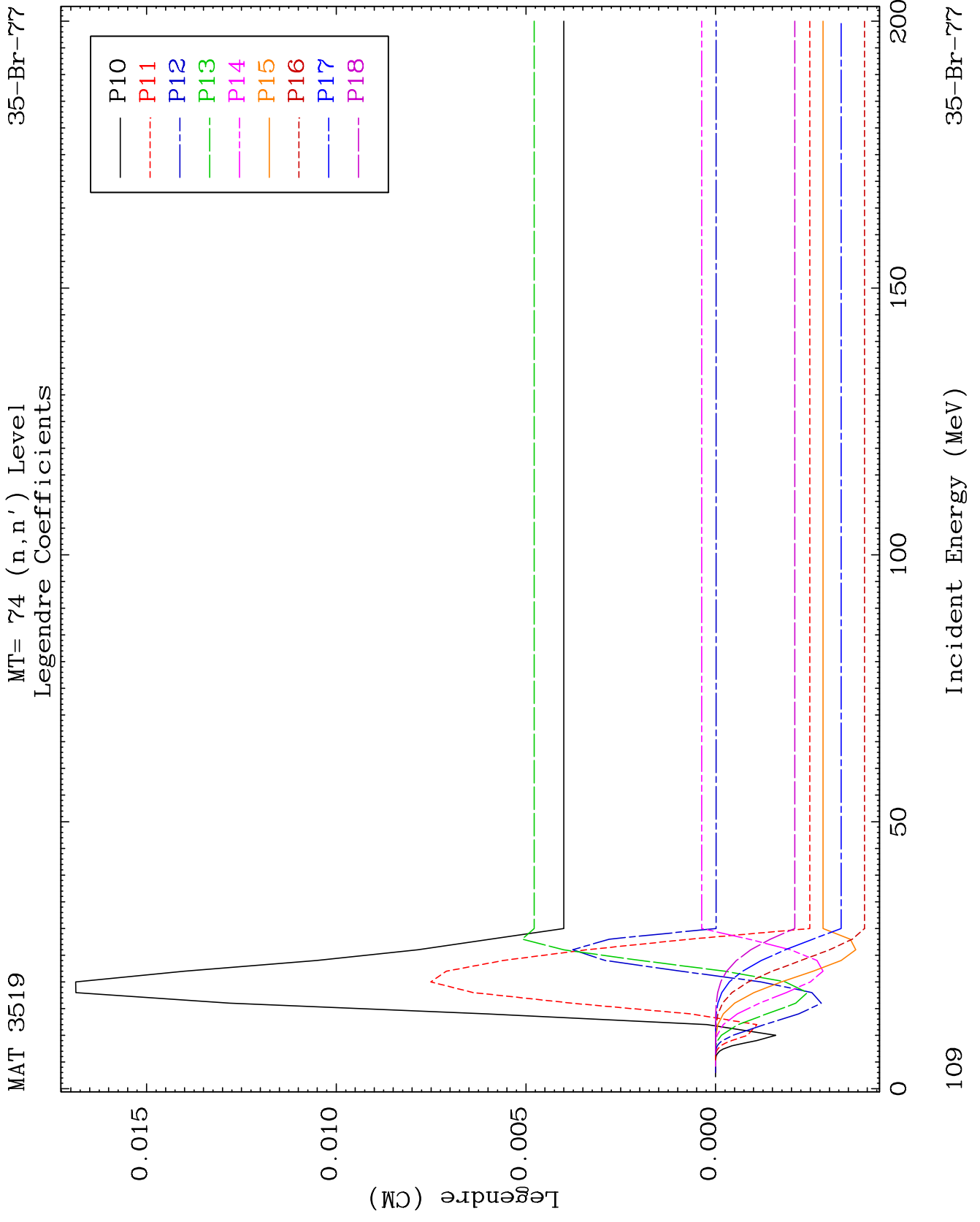
35-Br-77

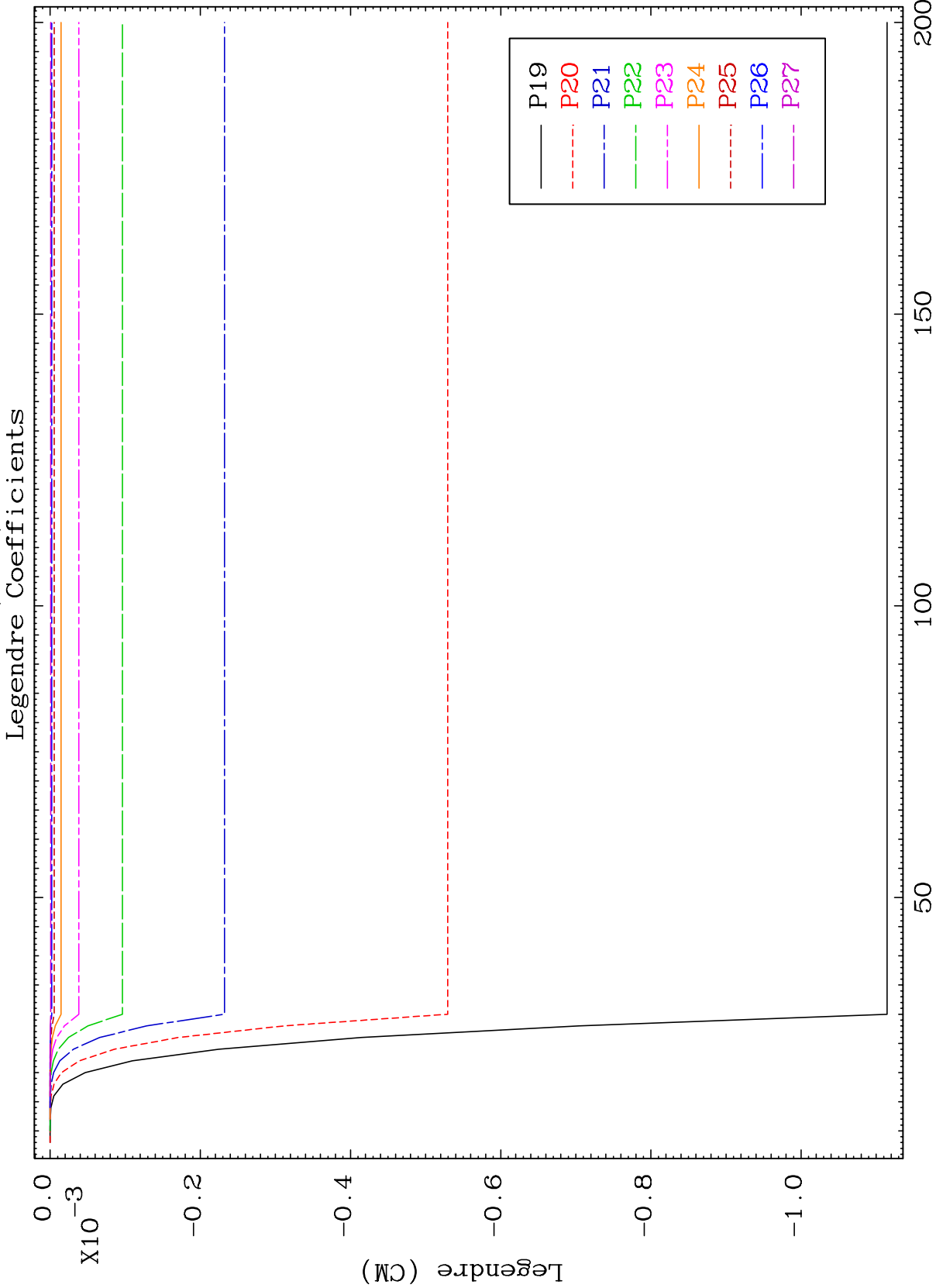


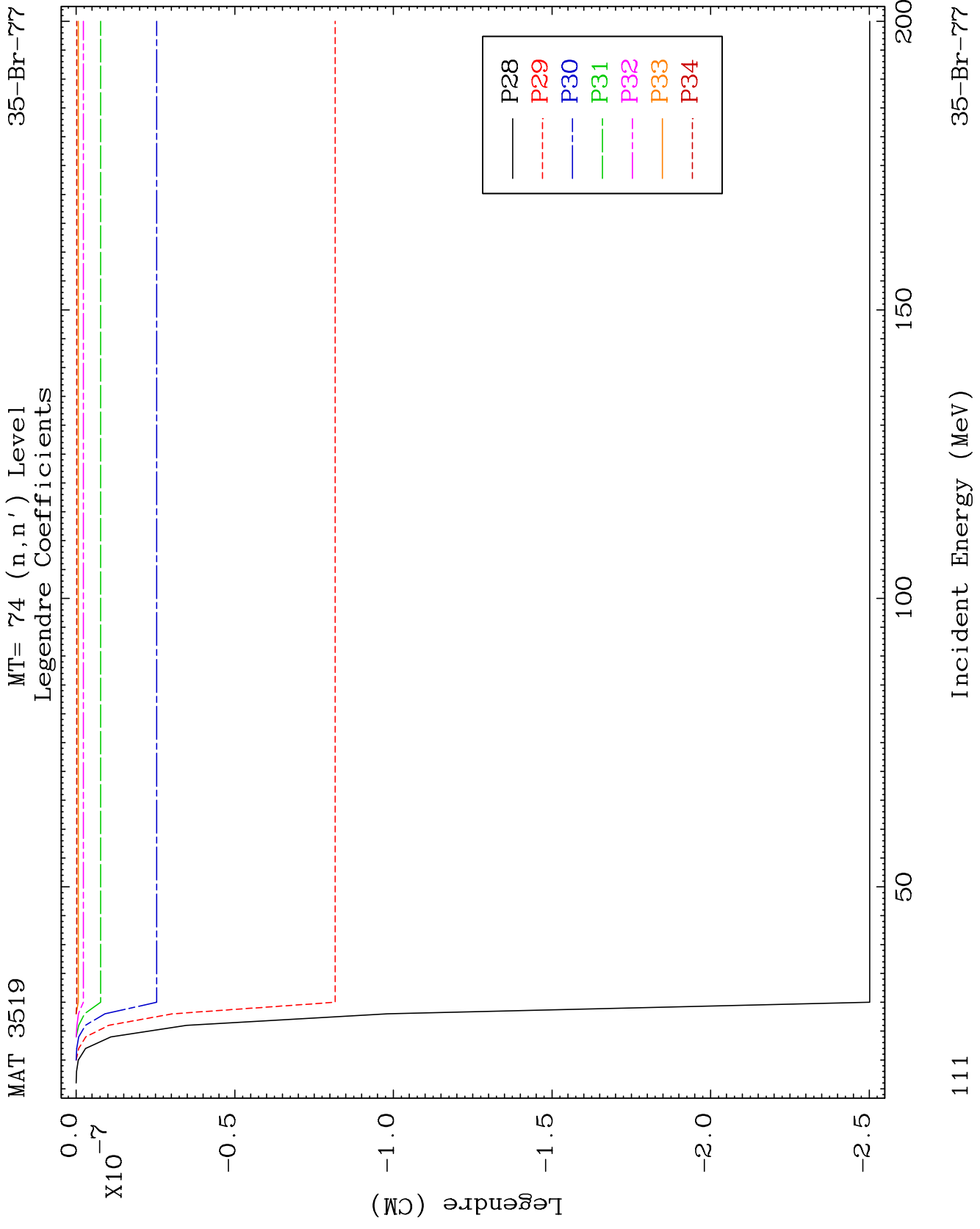
108

Incident Energy (MeV)

35-Br-77



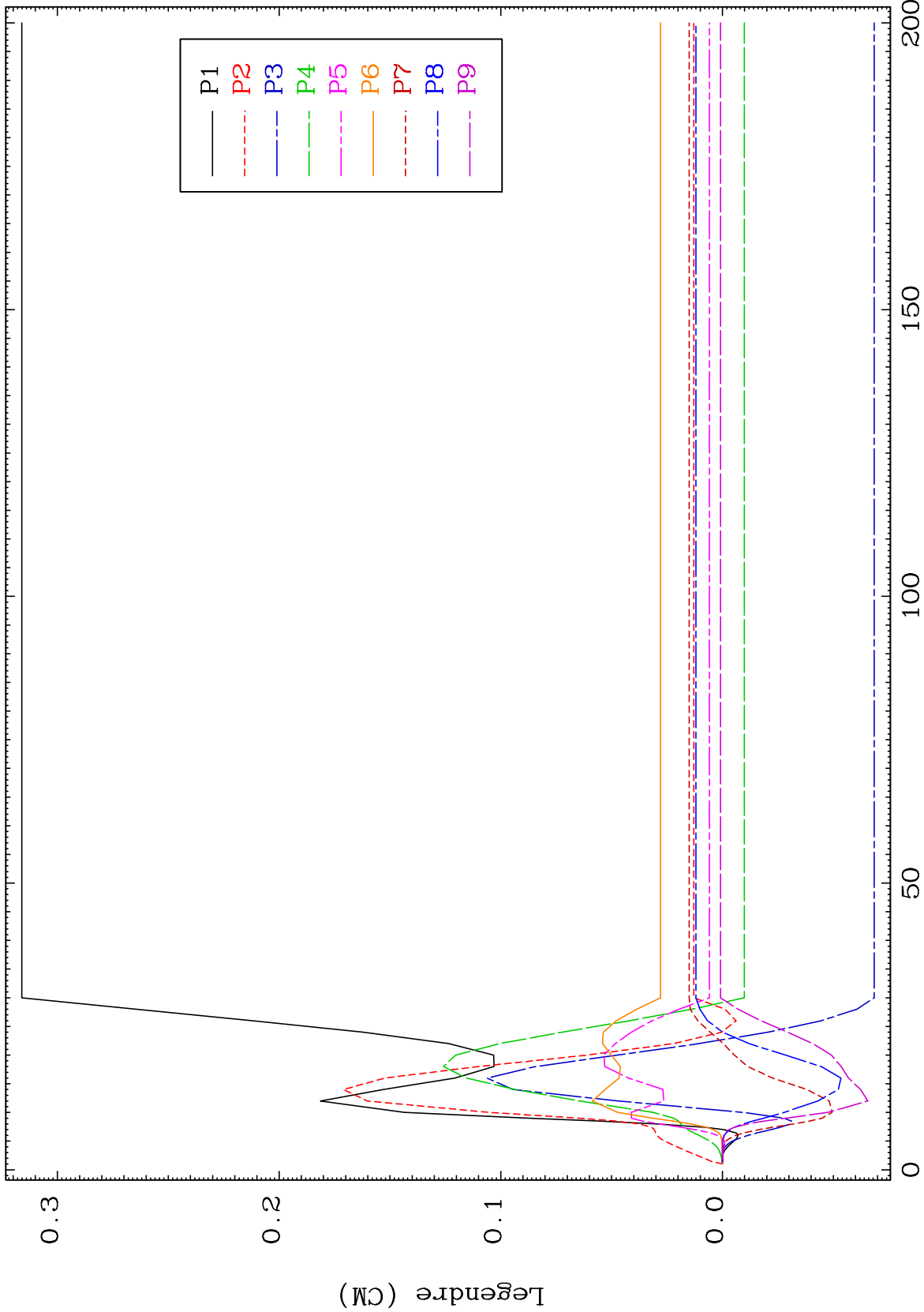




MAT 3519

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

35-Br-77



112

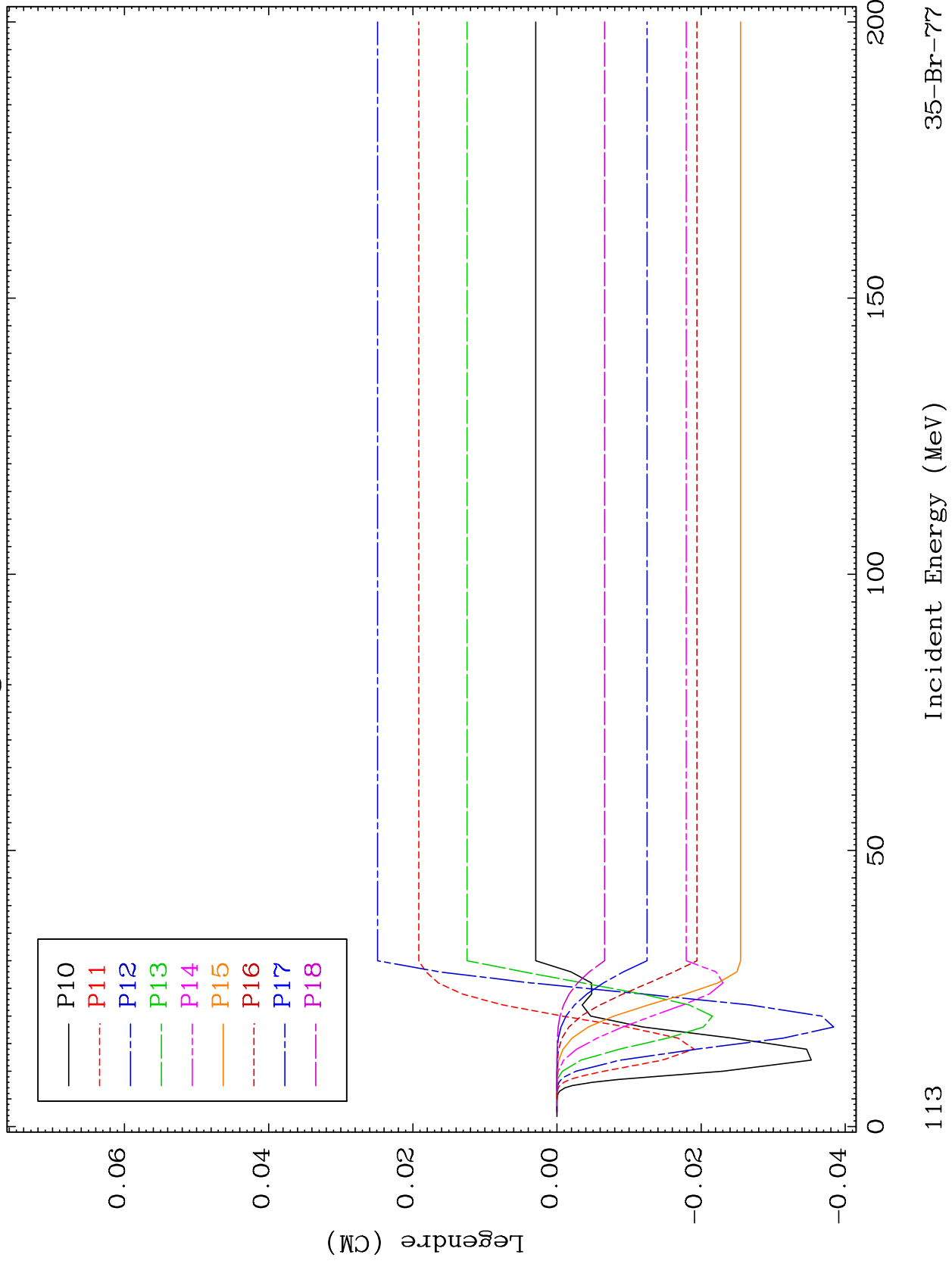
Incident Energy (MeV)

35-Br-77

MAT 3519

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

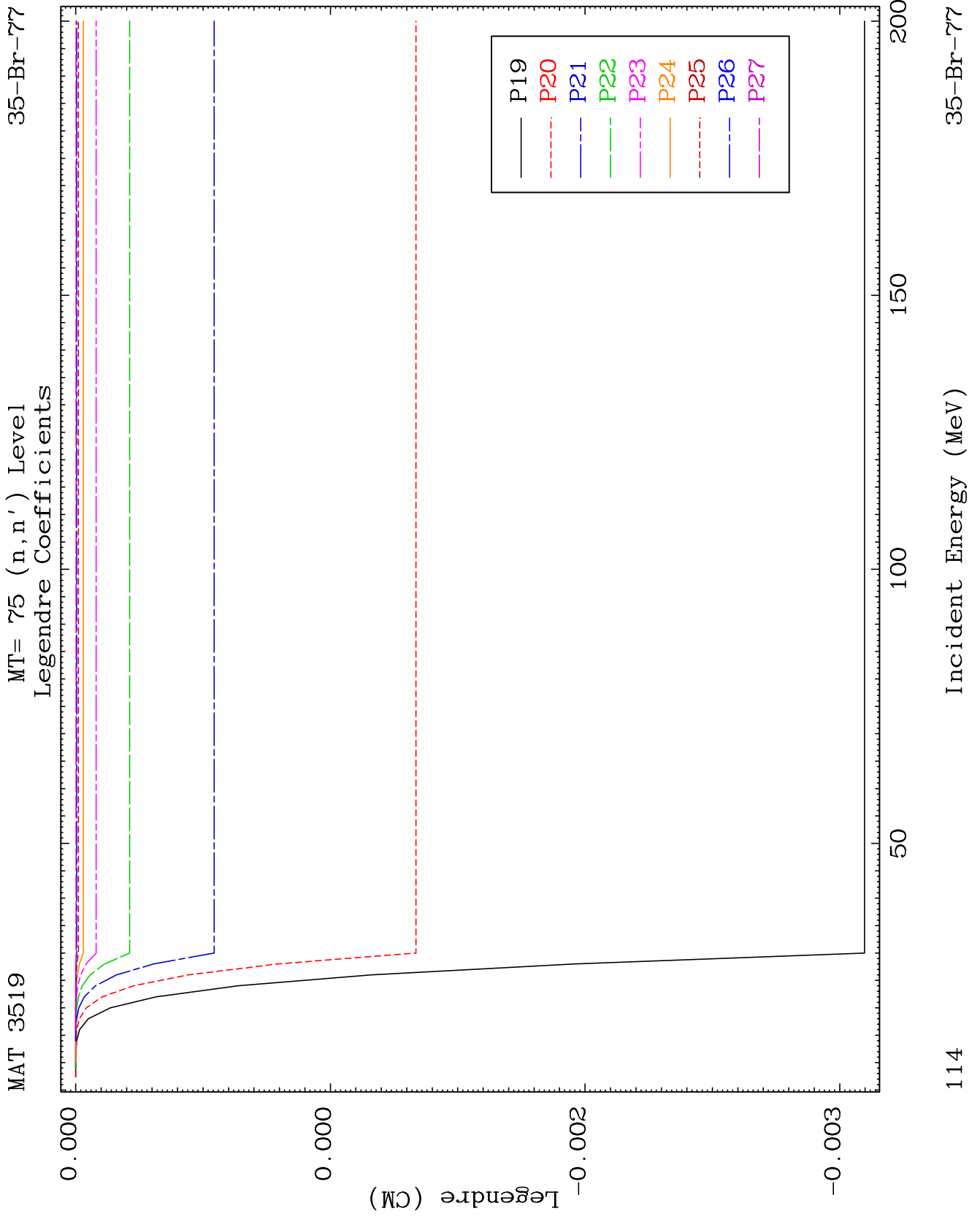
35-Br-77

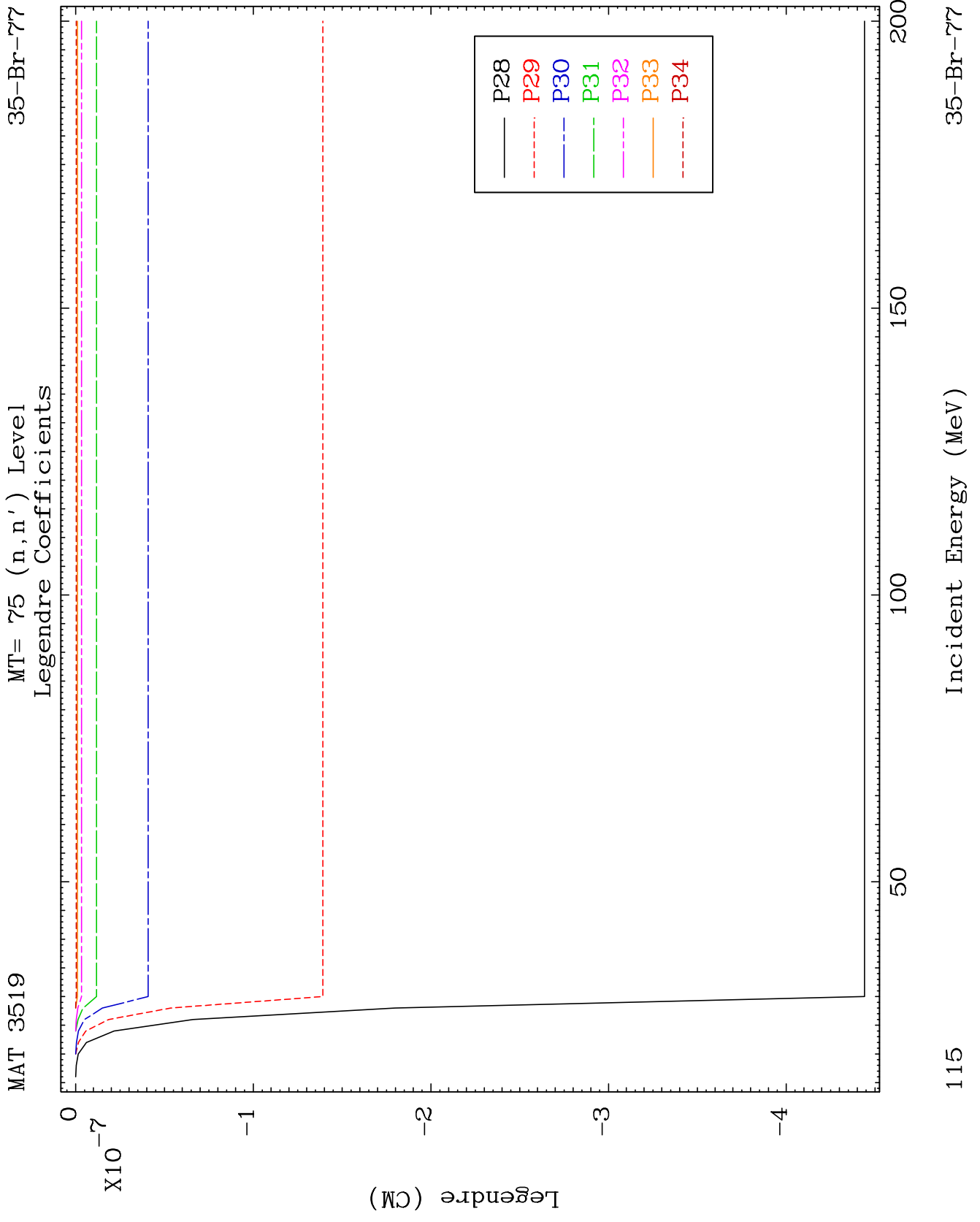


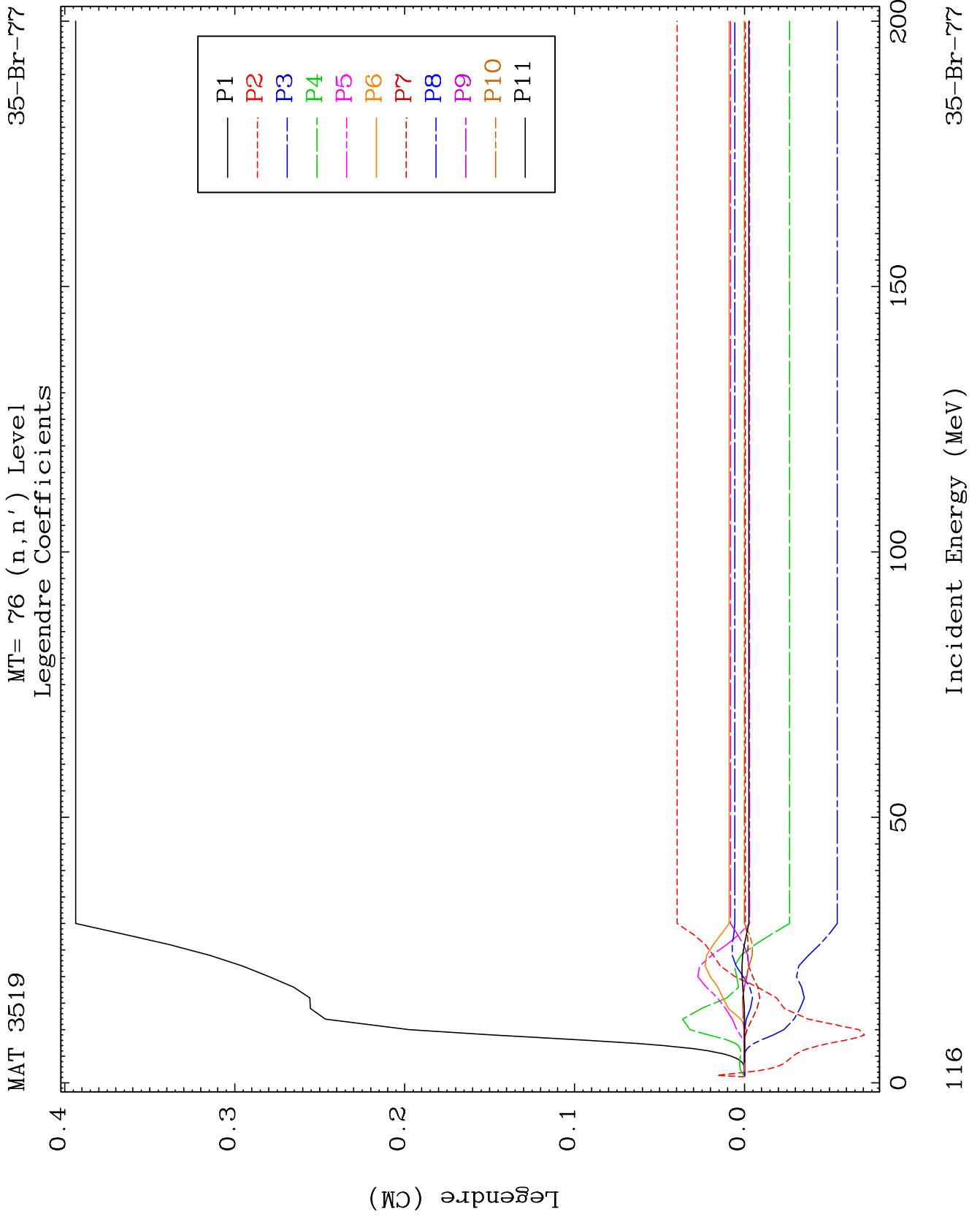
113

Incident Energy (MeV)

35-Br-77



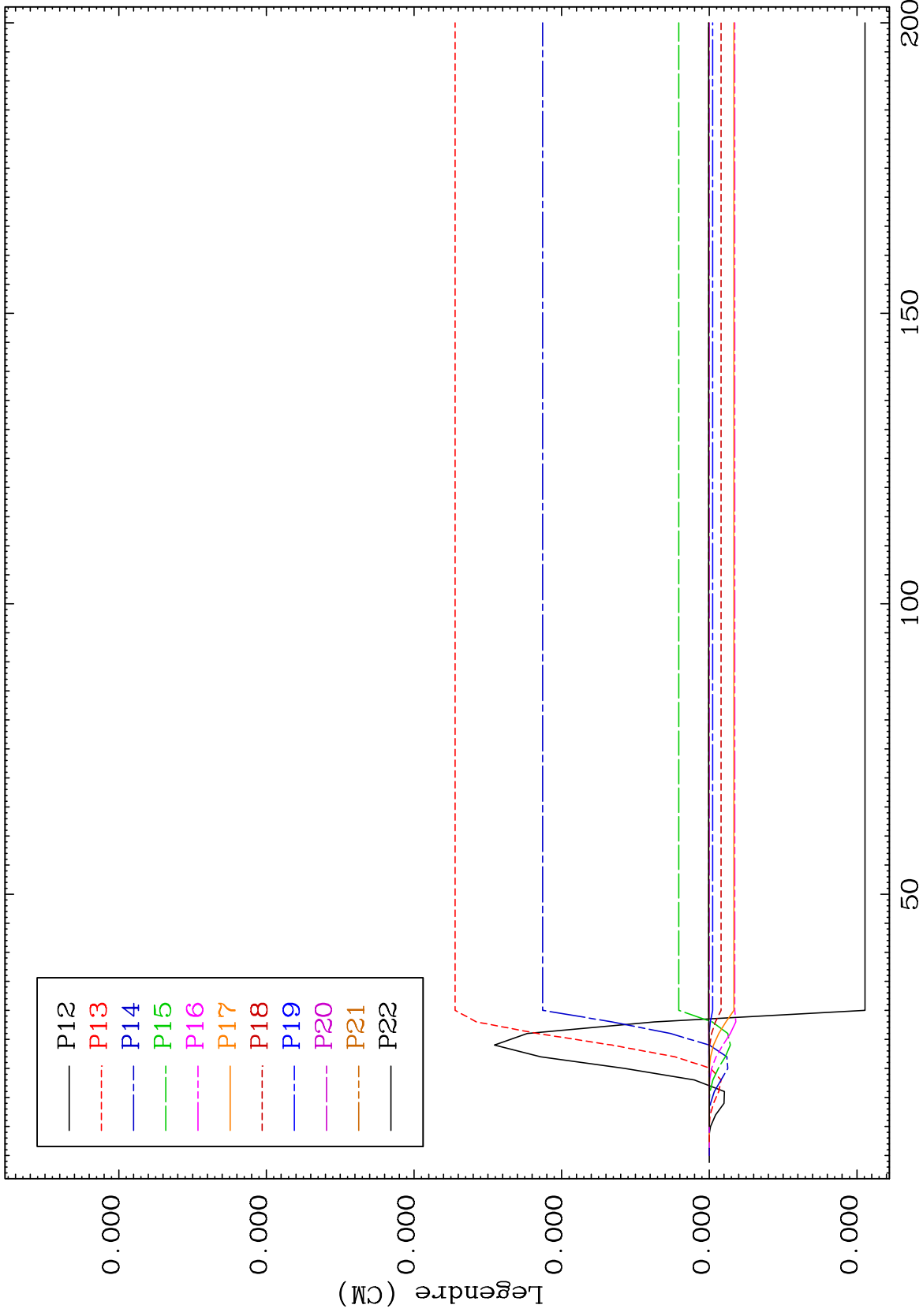




MAT 3519

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

35-Br-77



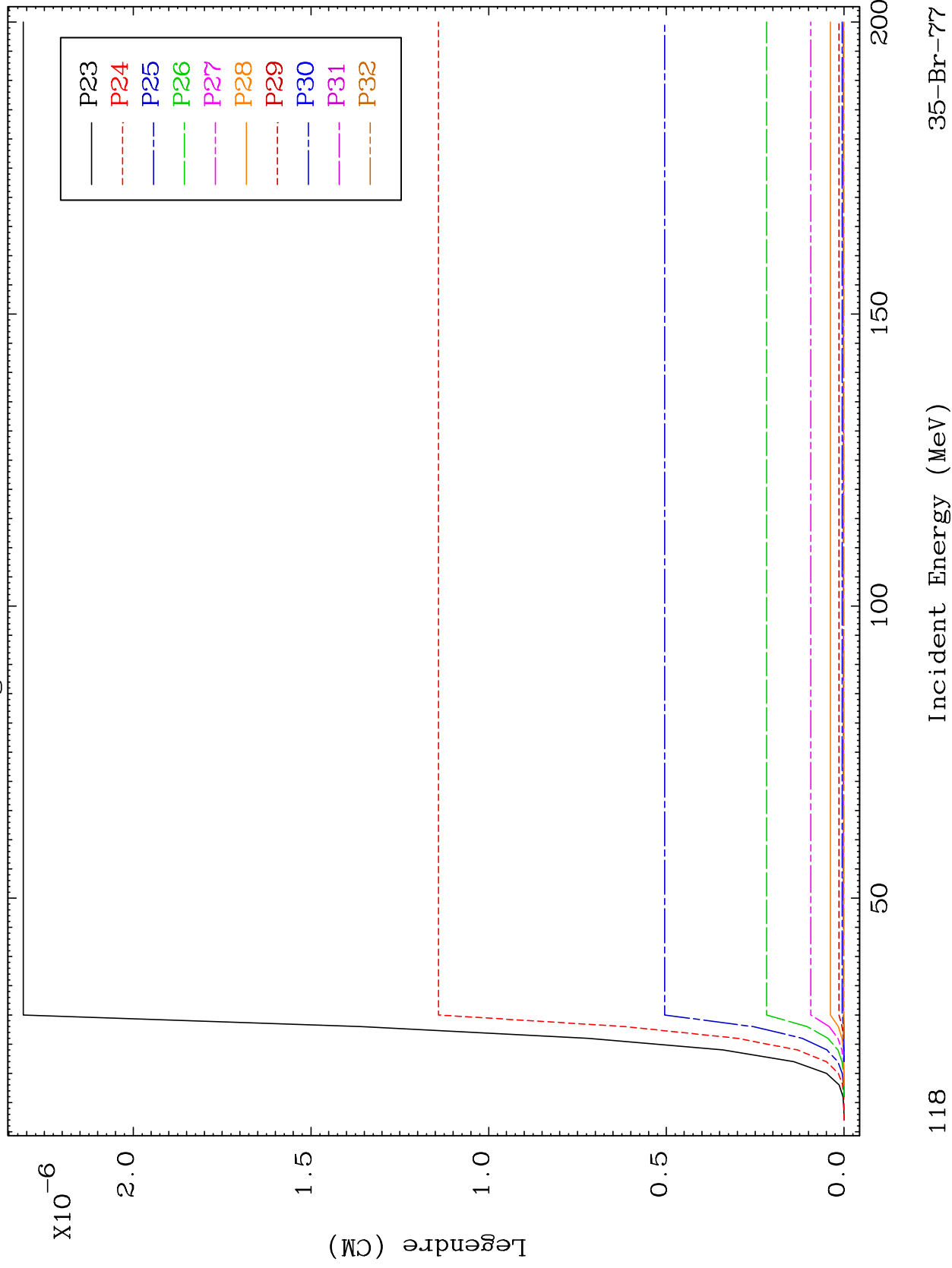
117

35-Br-77

MAT 3519

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

35-Br-77



118

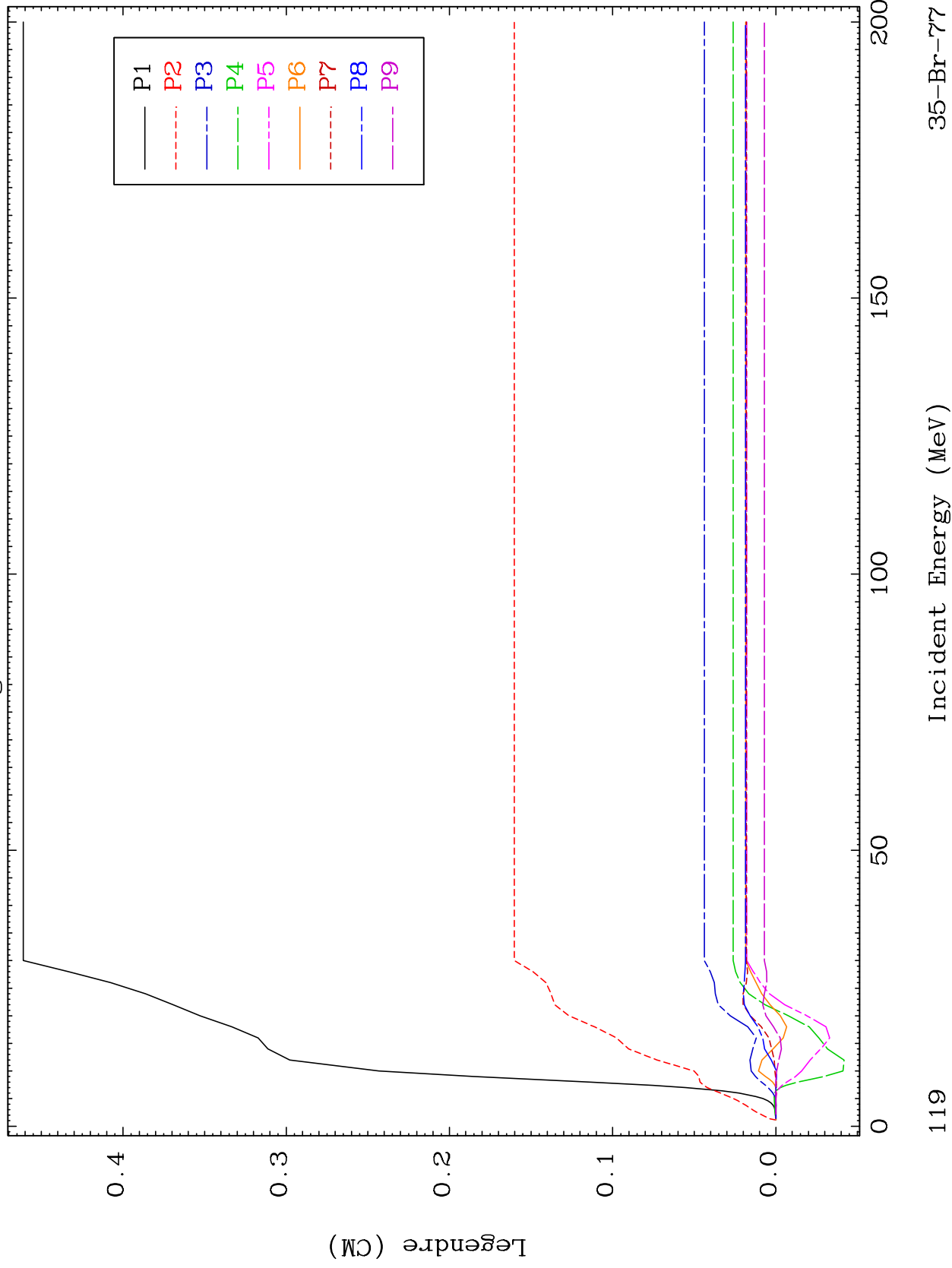
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



119

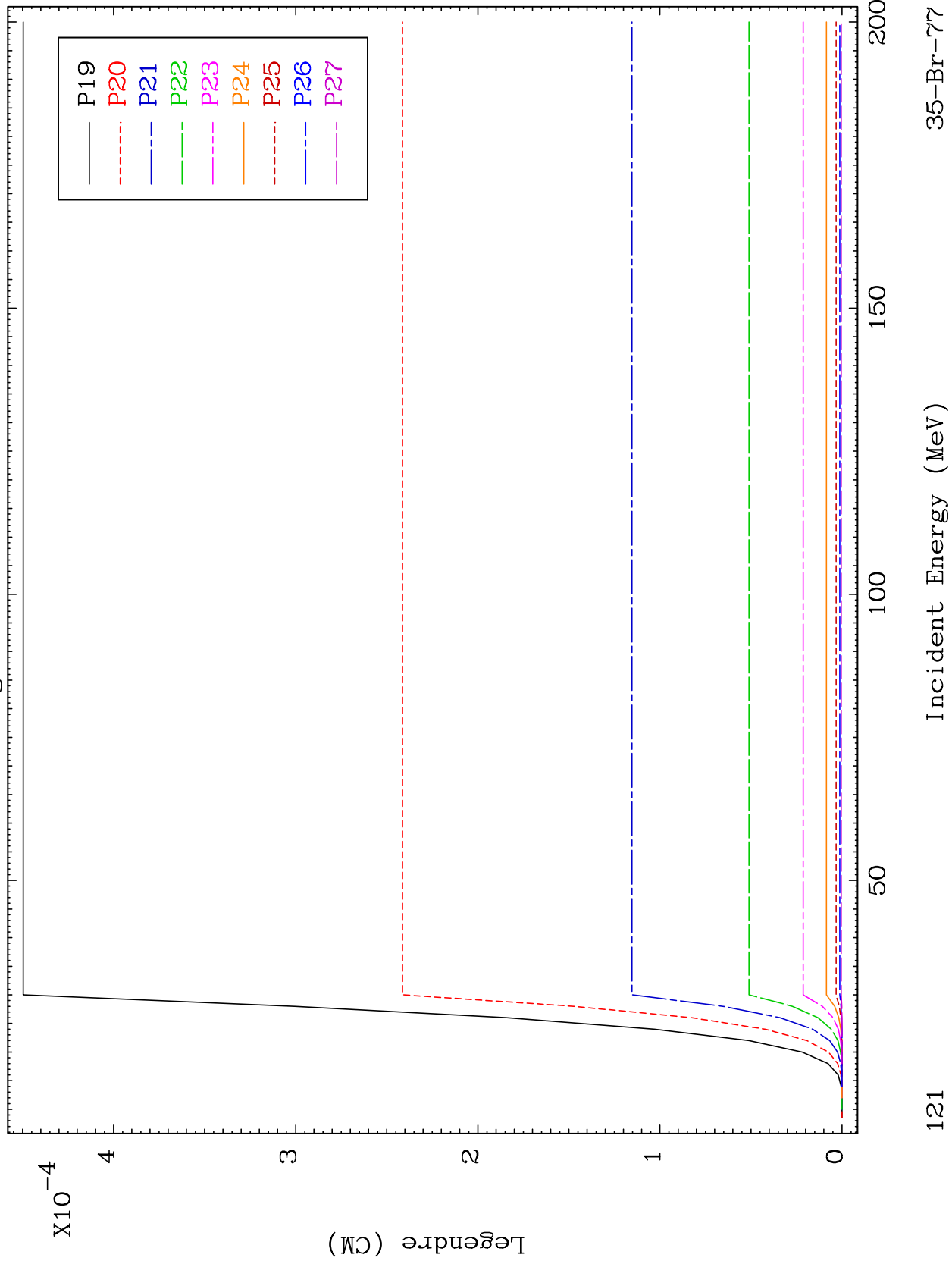
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



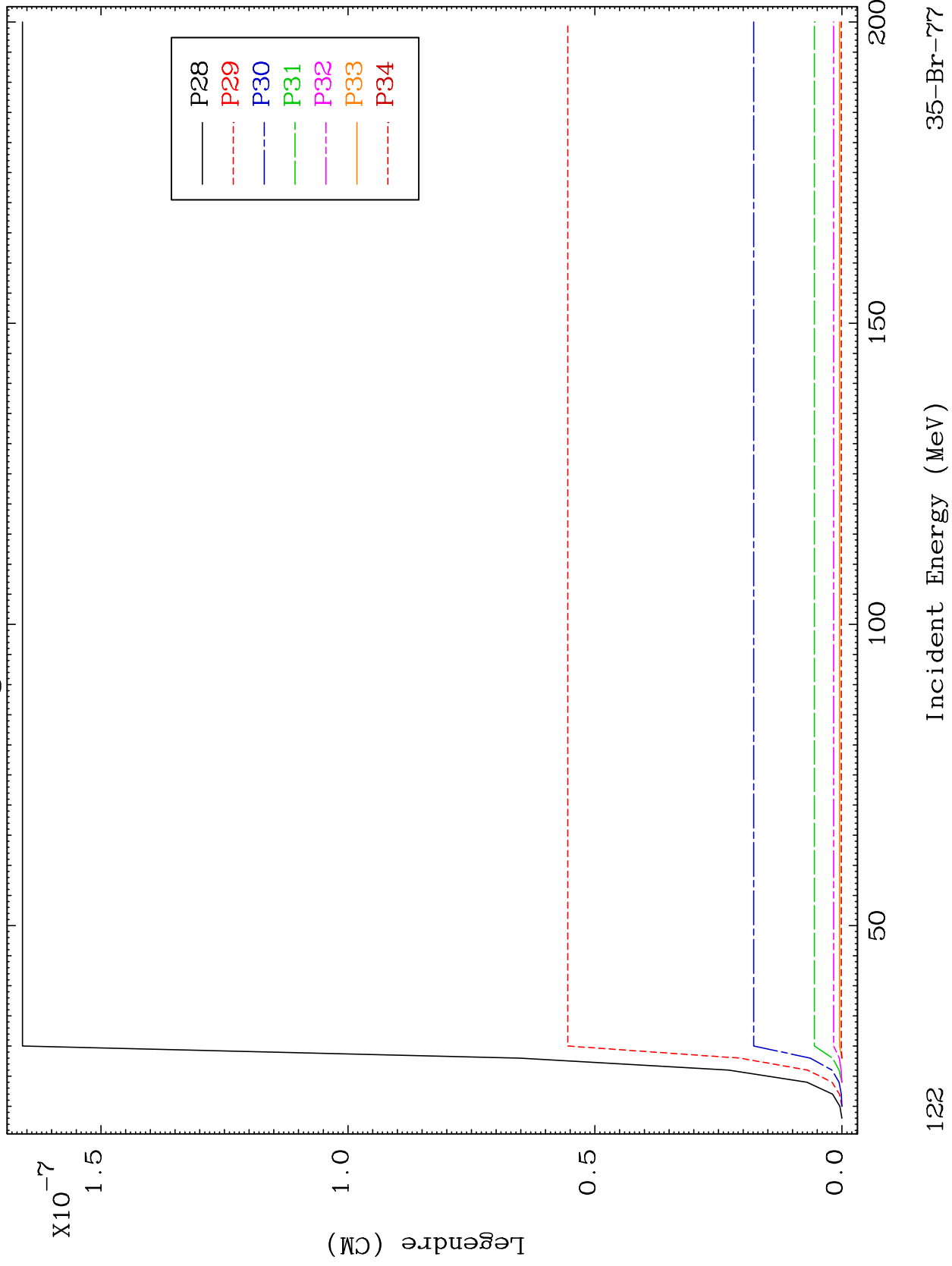
121

35-Br-77

MAT 3519

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

35-Br-77



122

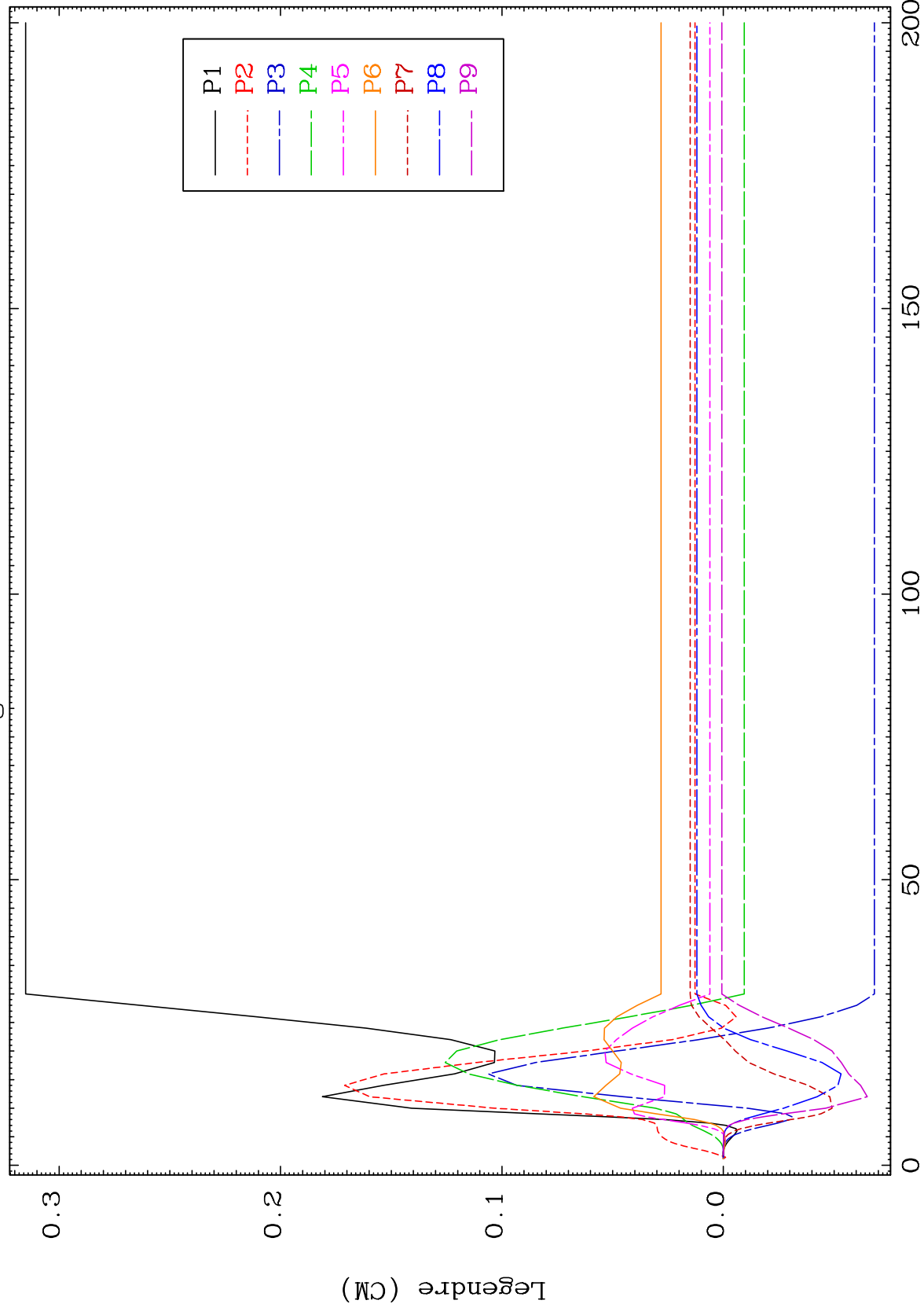
Incident Energy (MeV)

35-Br-77

MAT 3519

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

35-Br-77



123

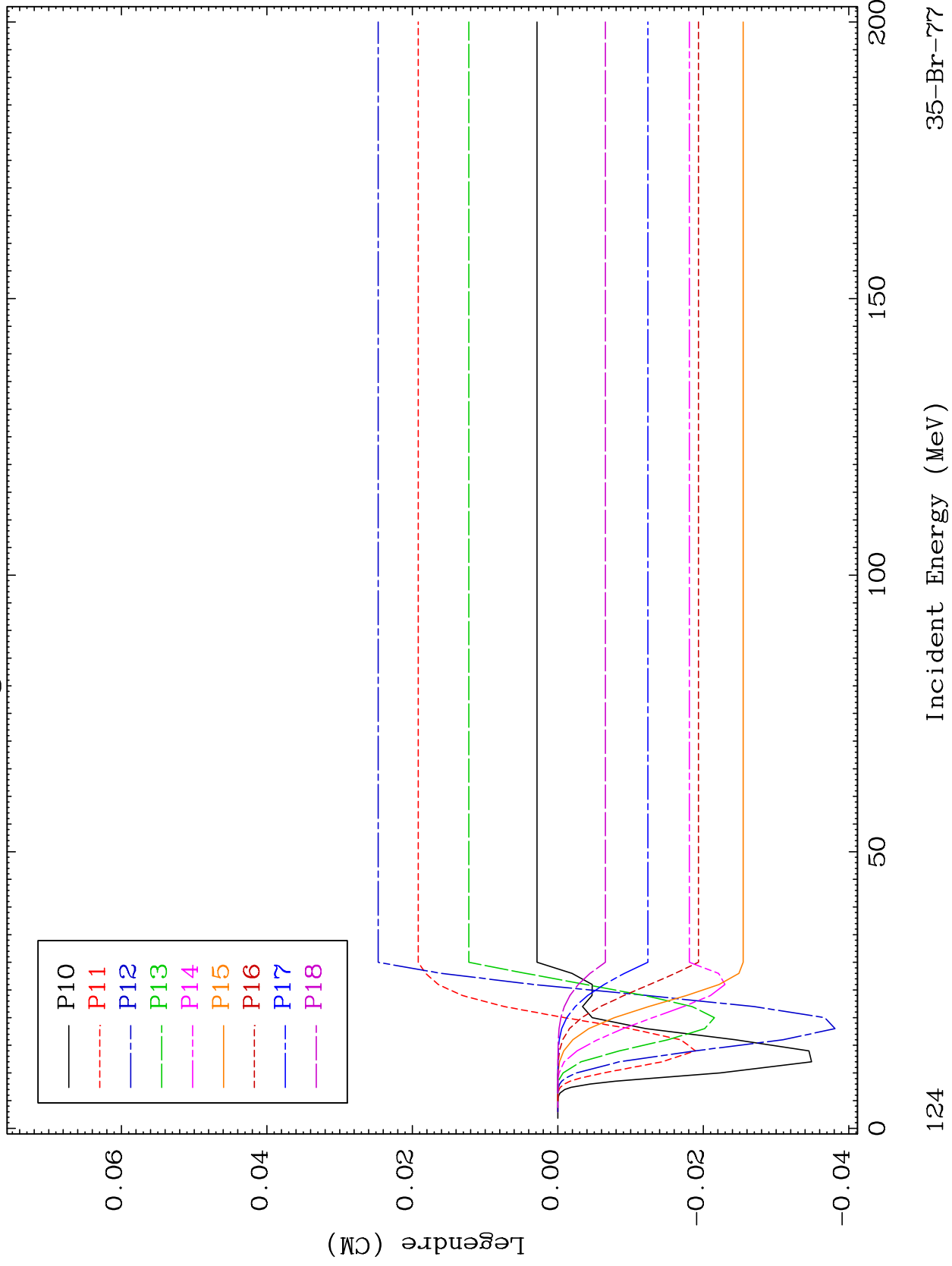
Incident Energy (MeV)

35-Br-77

MAT 3519

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

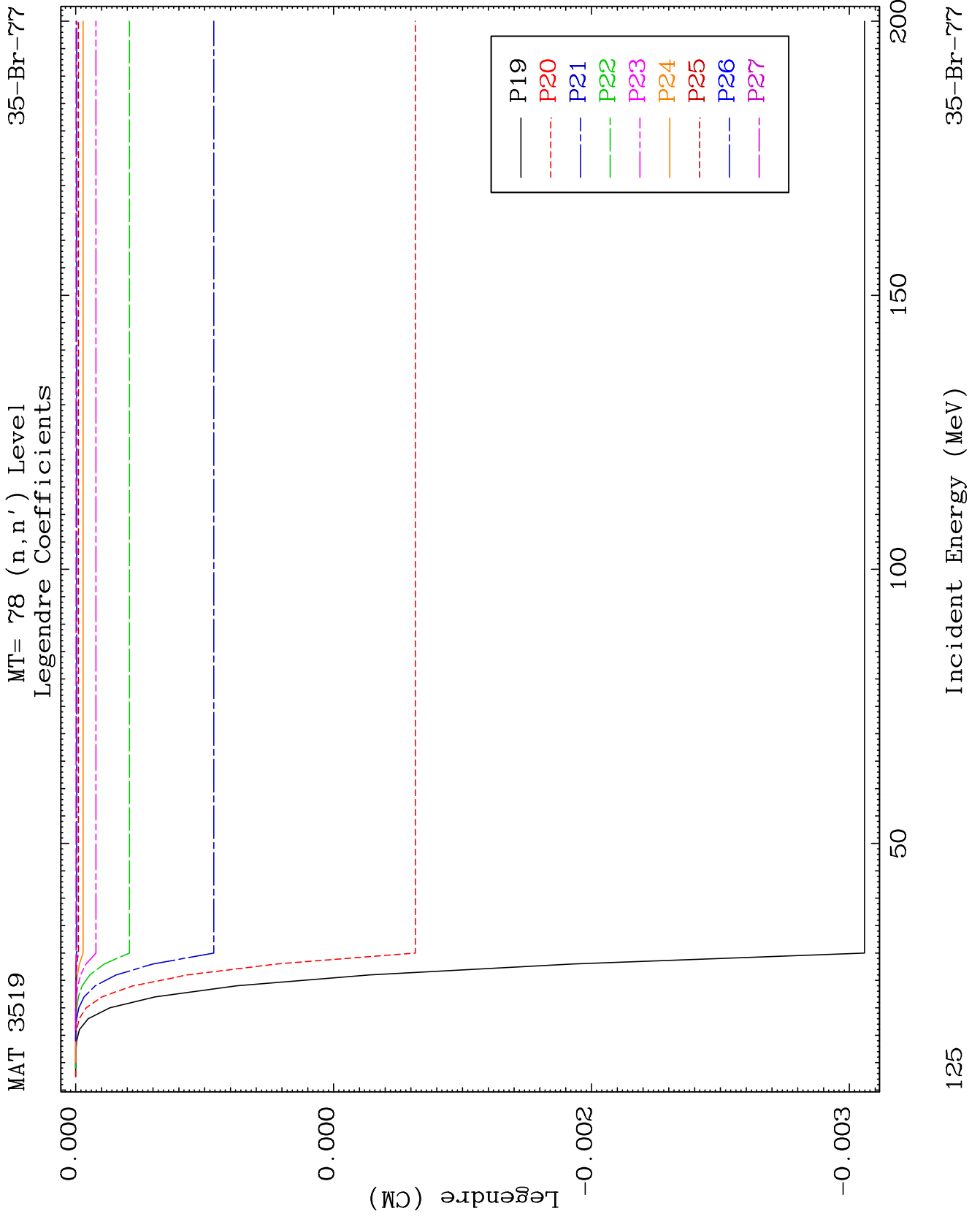
35-Br-77

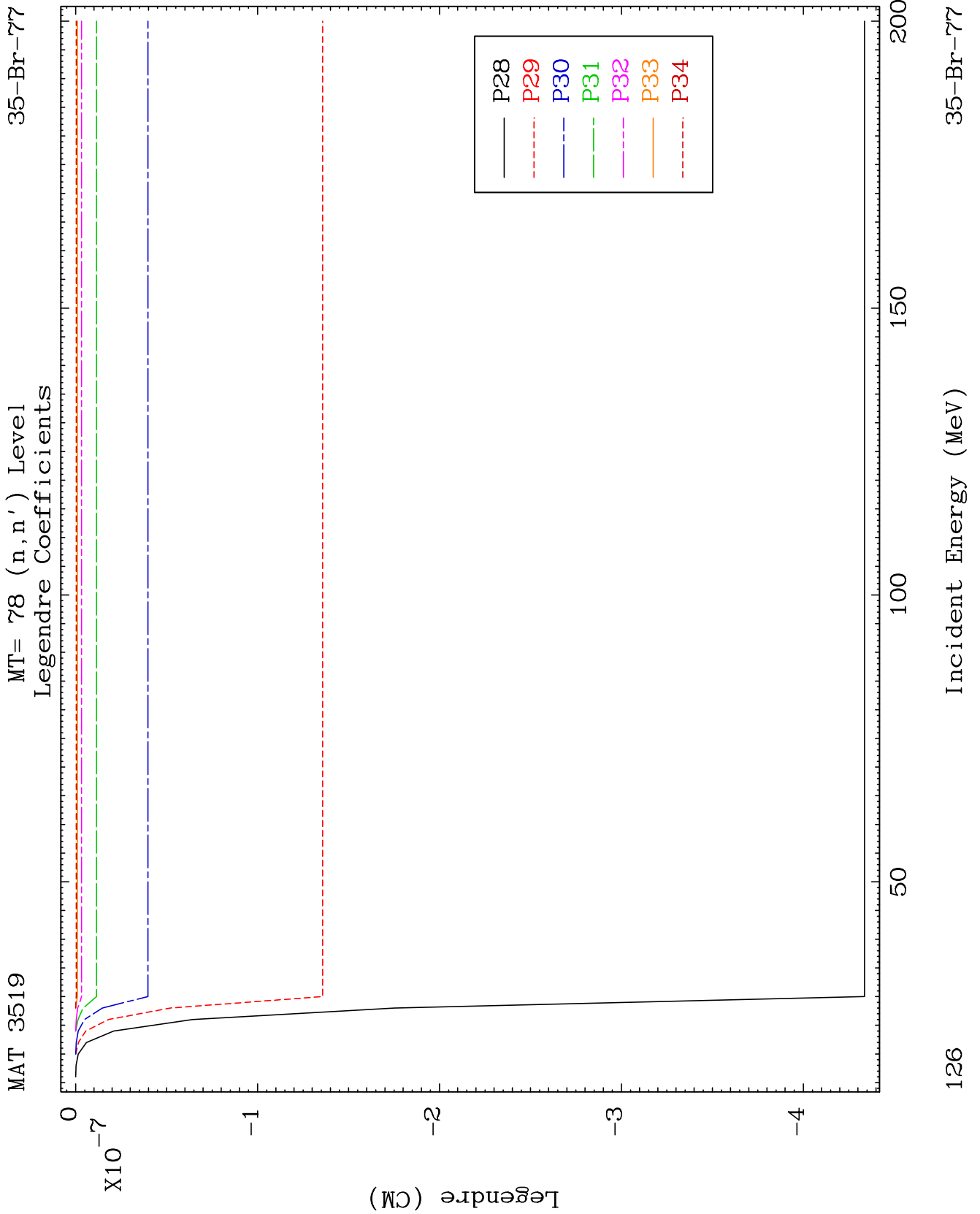


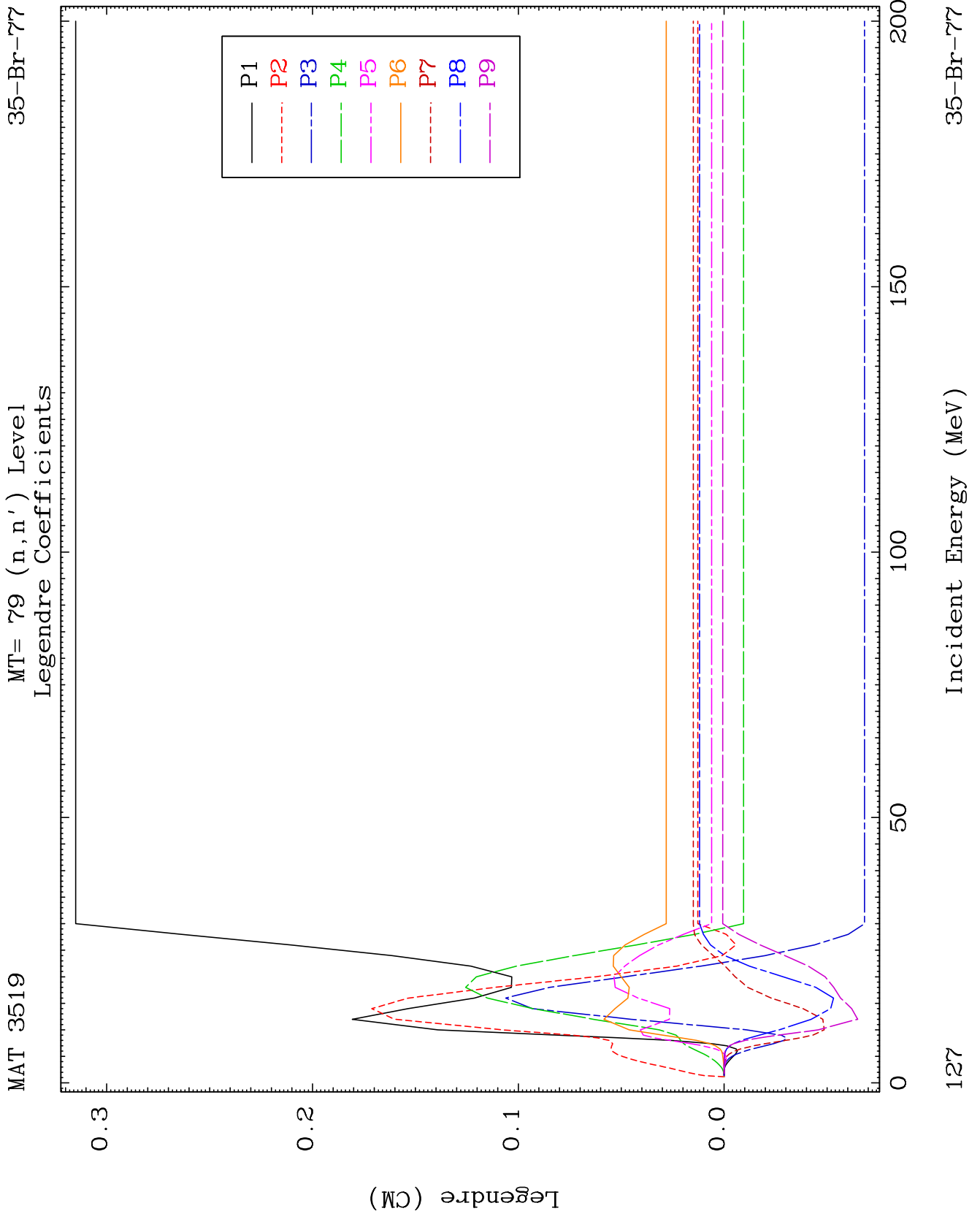
35-Br-77

Incident Energy (MeV)

124



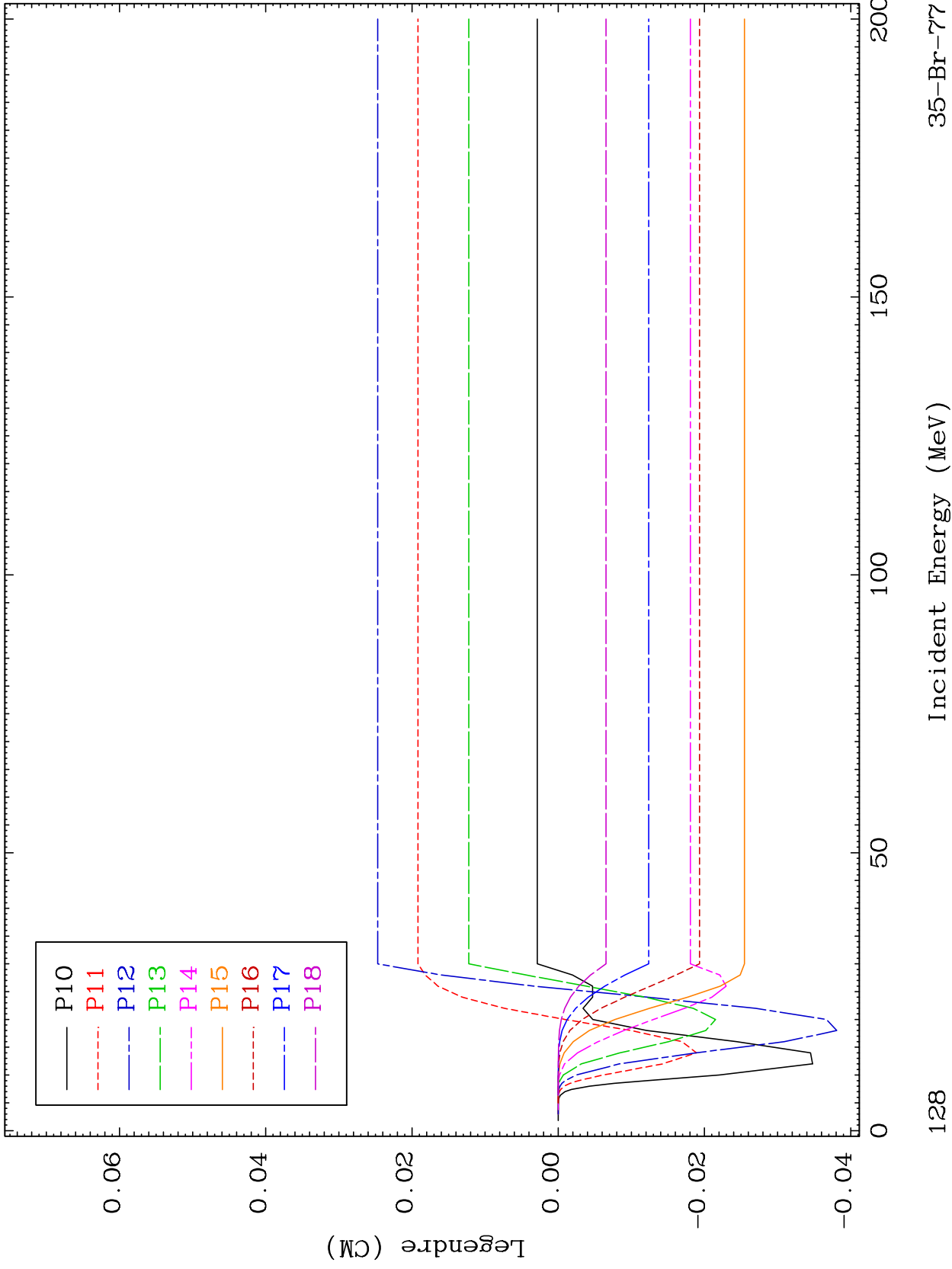




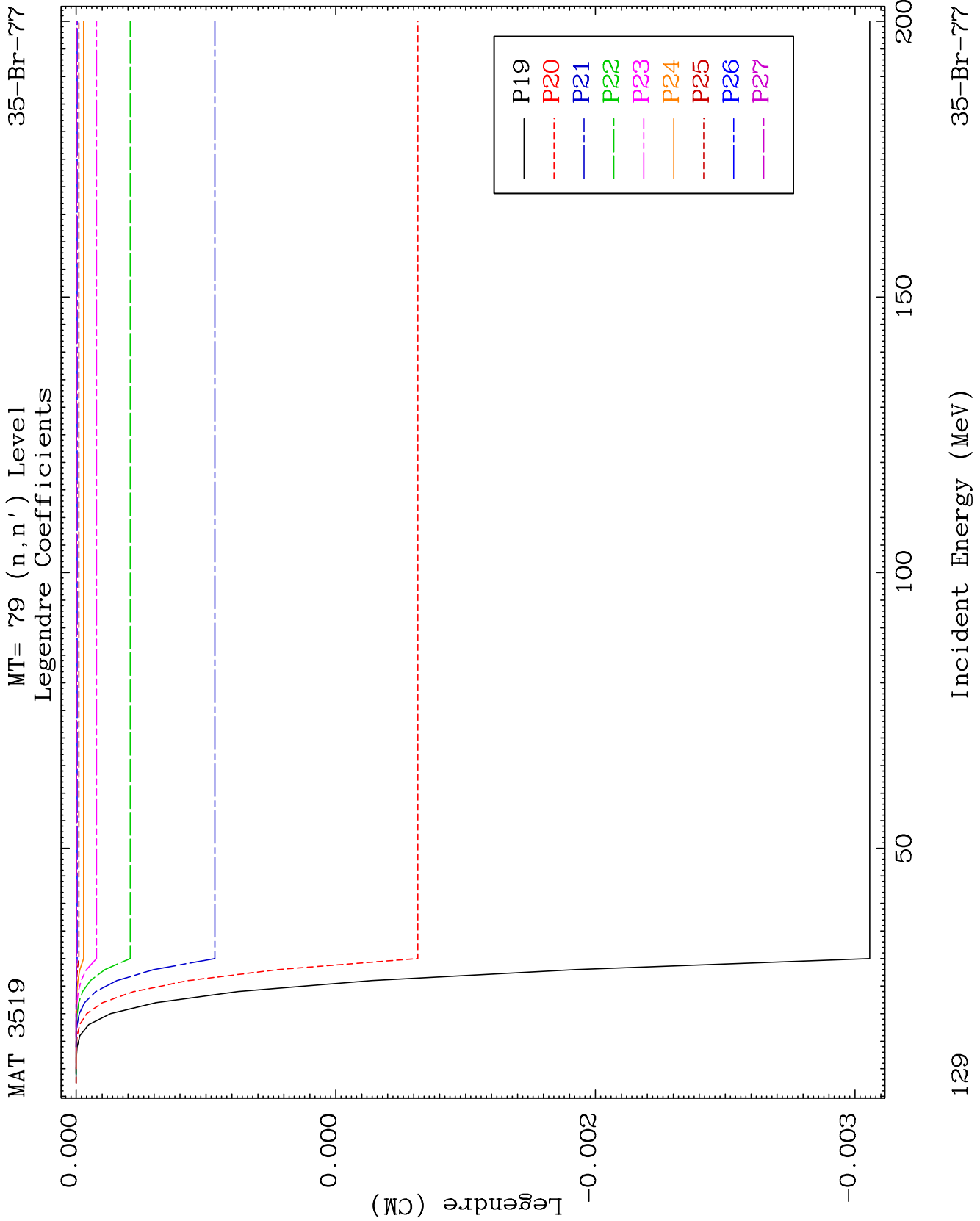
MAT 3519

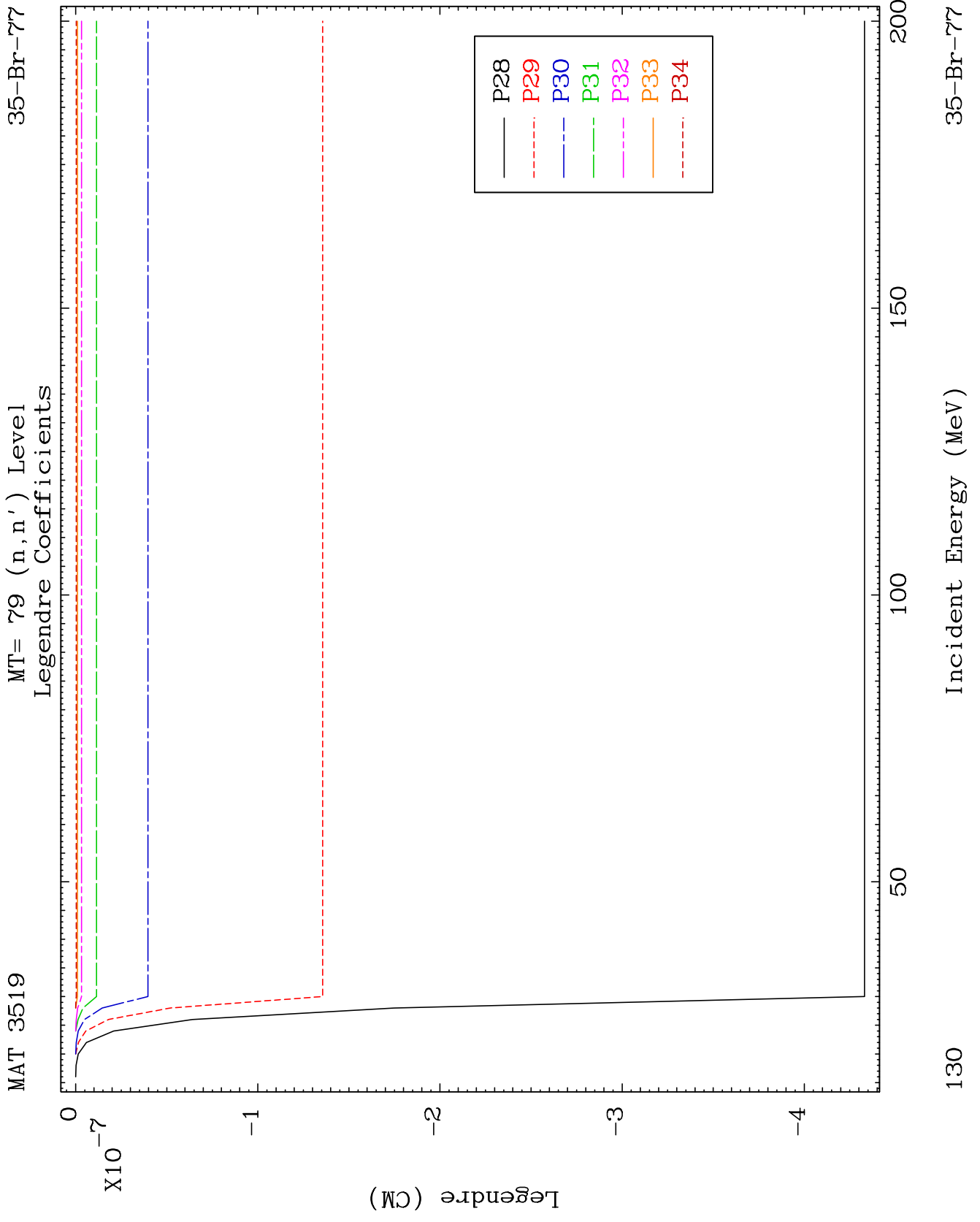
MT= 79 (n,n') Level
Legendre Coefficients

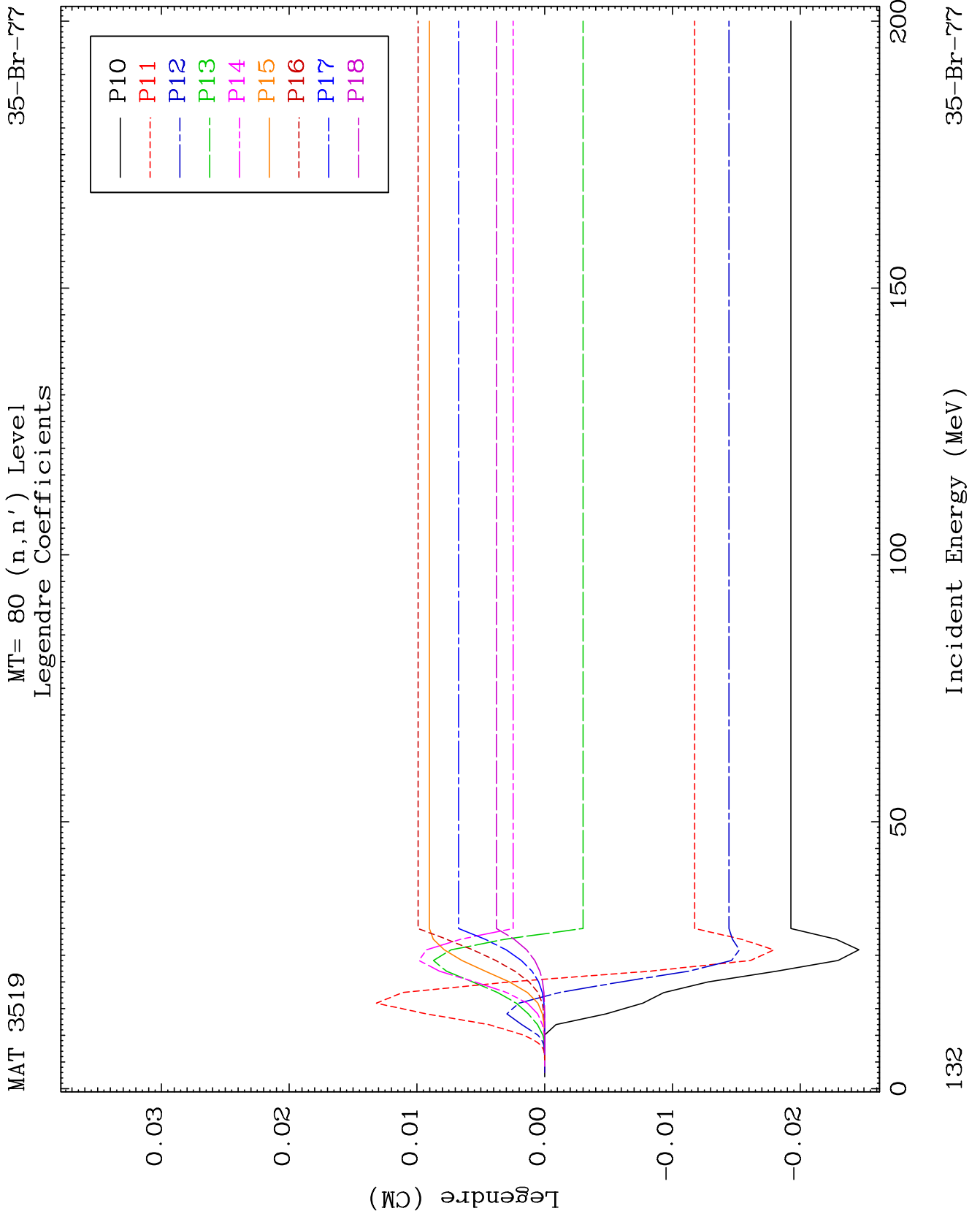
35-Br-77



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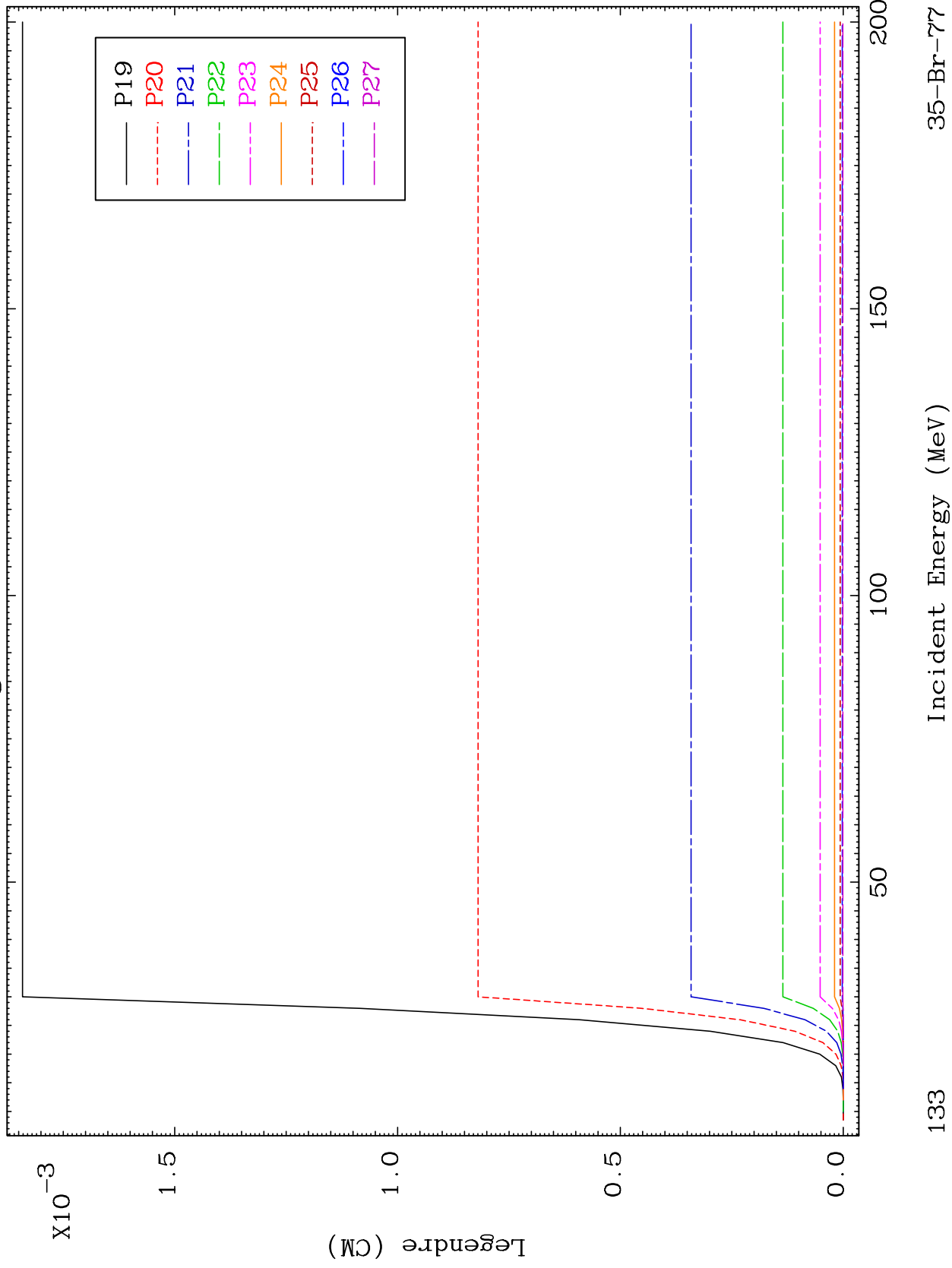




MAT 3519

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

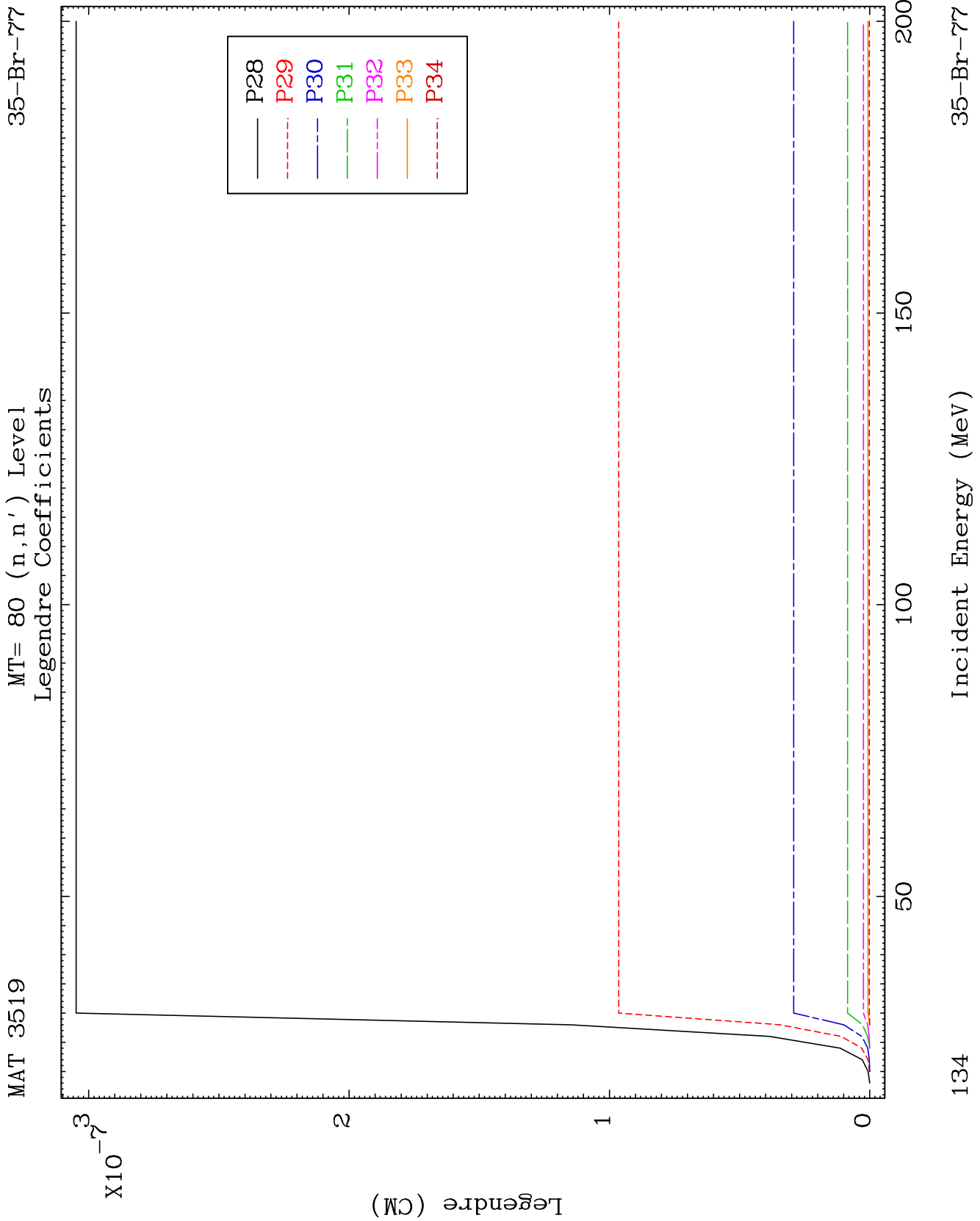
35-Br-77



133

Incident Energy (MeV)

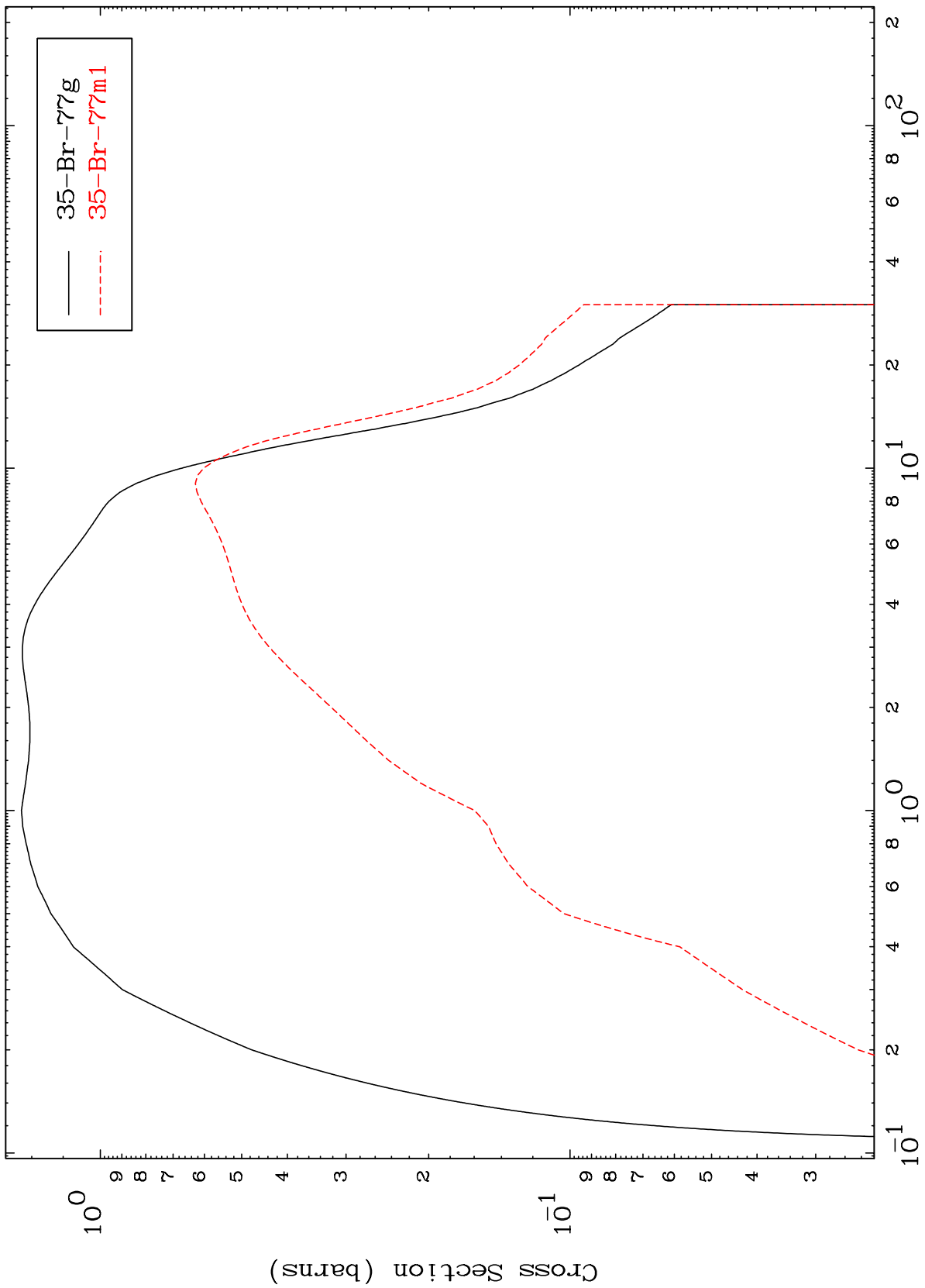
35-Br-77



MAT 3519

35-Br-77

Inelastic
Radionuclide Production Cross Section



Incident Energy (MeV)

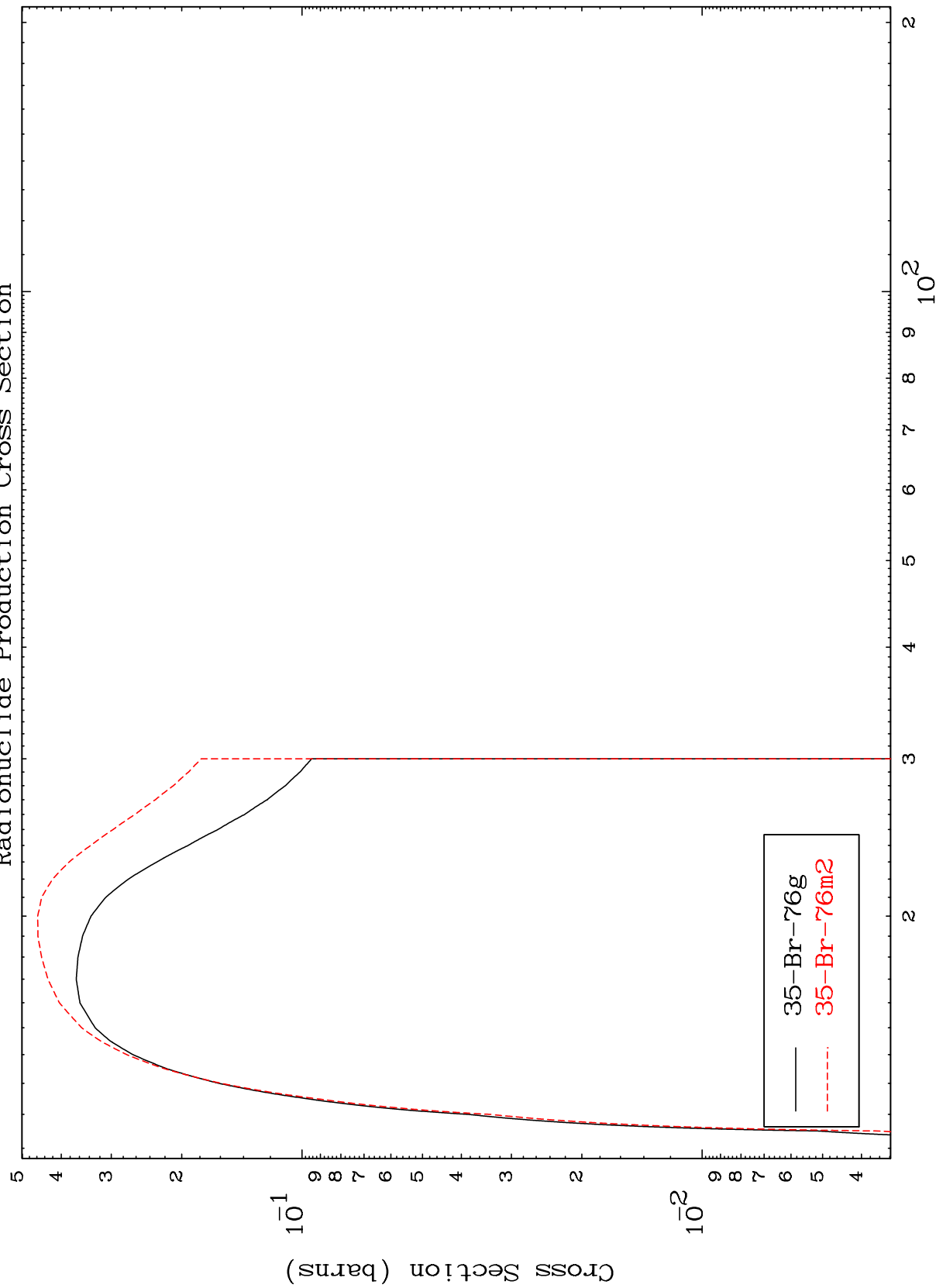
35-Br-77

135

MAT 3519

³⁵Br-77

(n,2n)
Radionuclide Production Cross Section



136

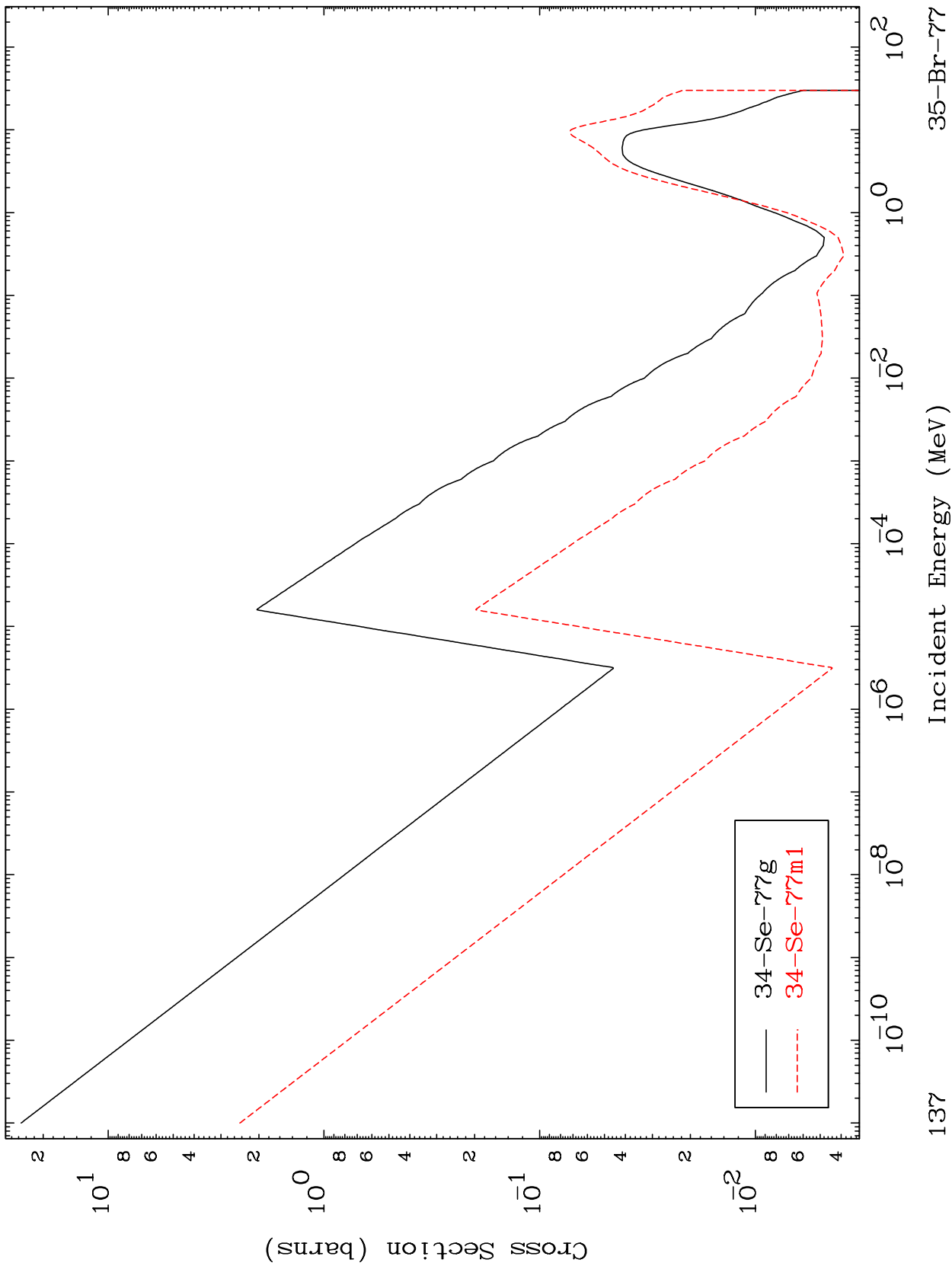
Incident Energy (MeV)

³⁵Br-77

MAT 3519

35-Br-77

(n,p)
Radionuclide Production Cross Section



137

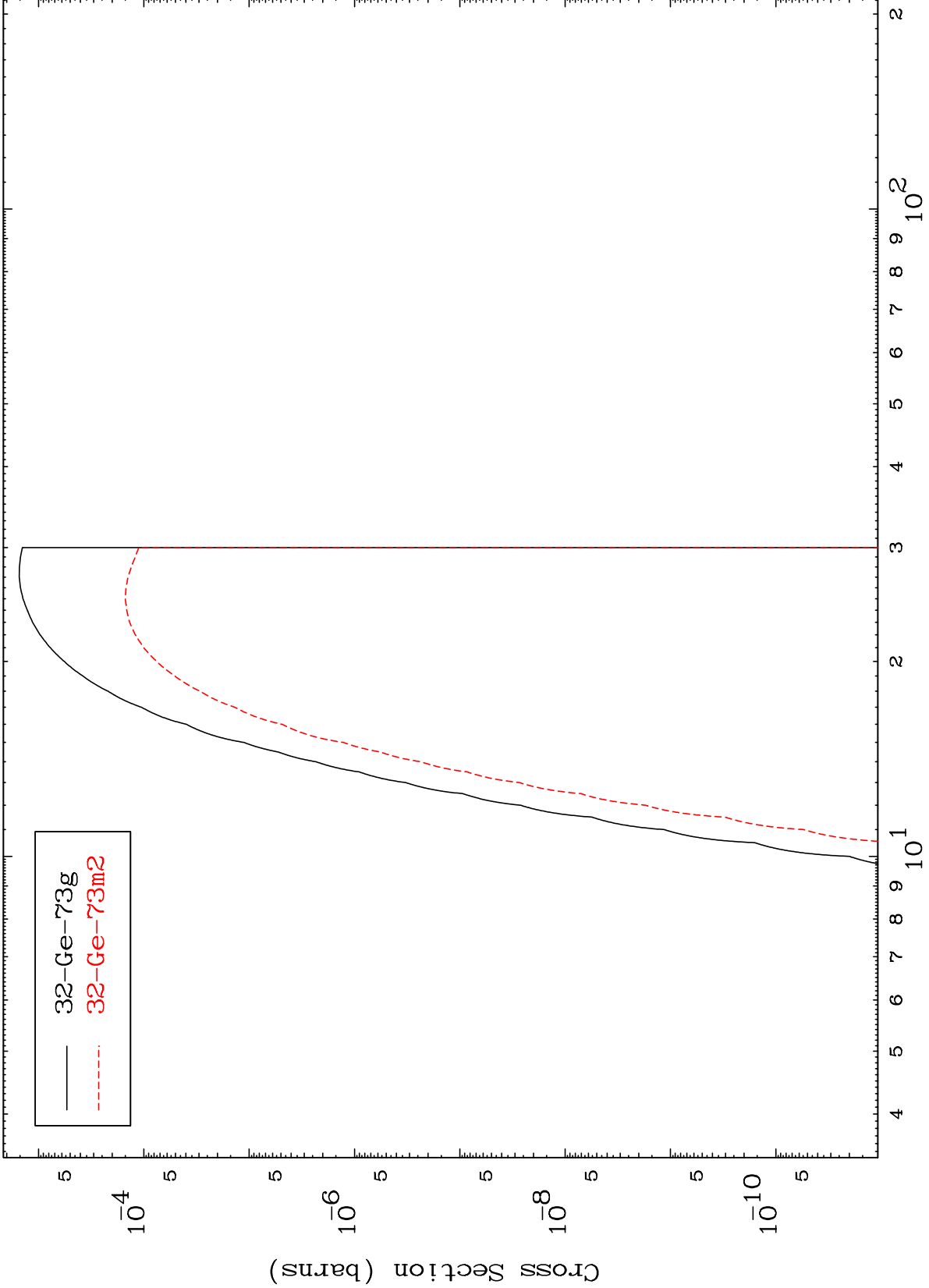
35-Br-77

MAT 3519

(n,p) α

³⁵Br-77

Radionuclide Production Cross Section



138

Incident Energy (MeV)

³⁵Br-77