

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

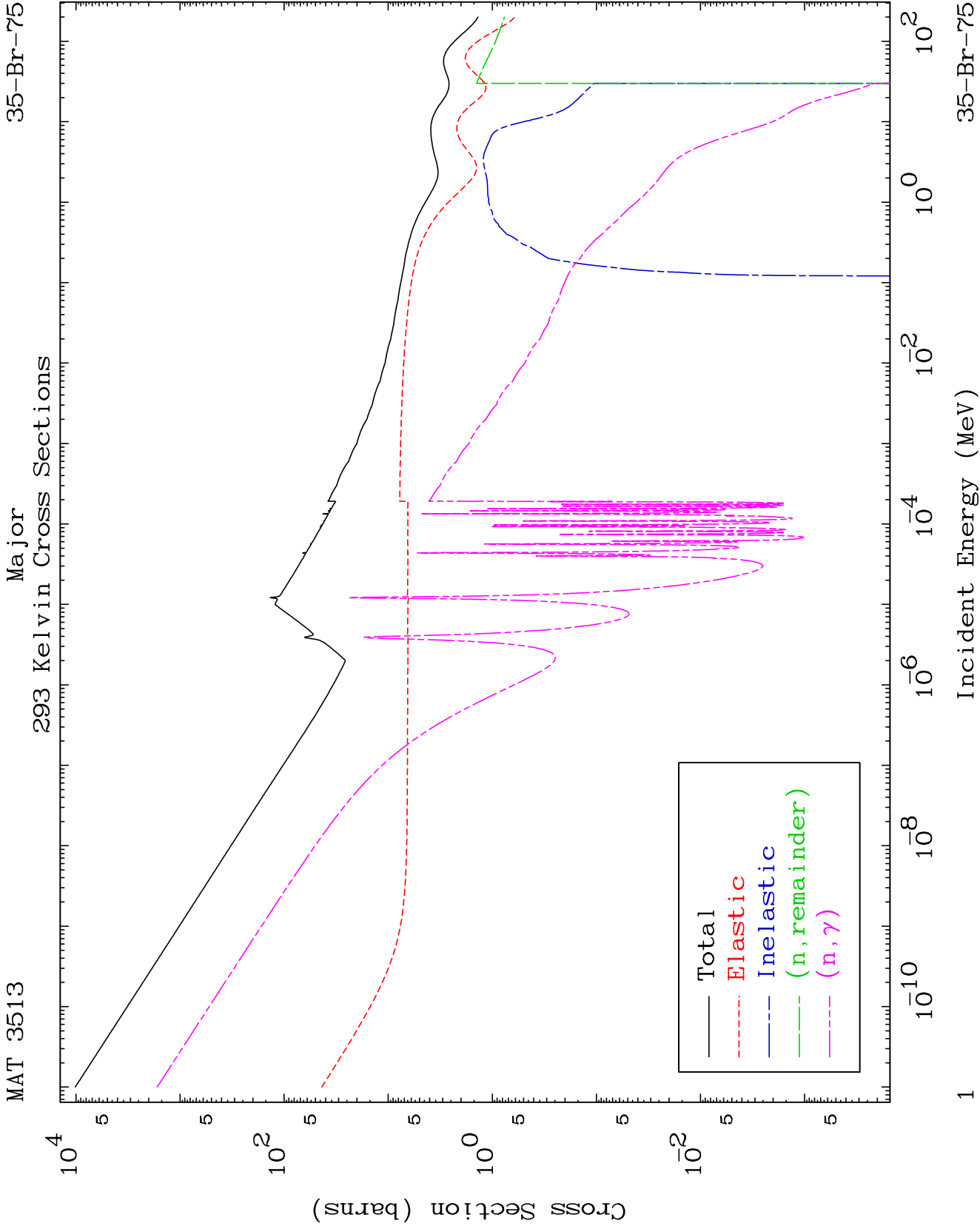
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

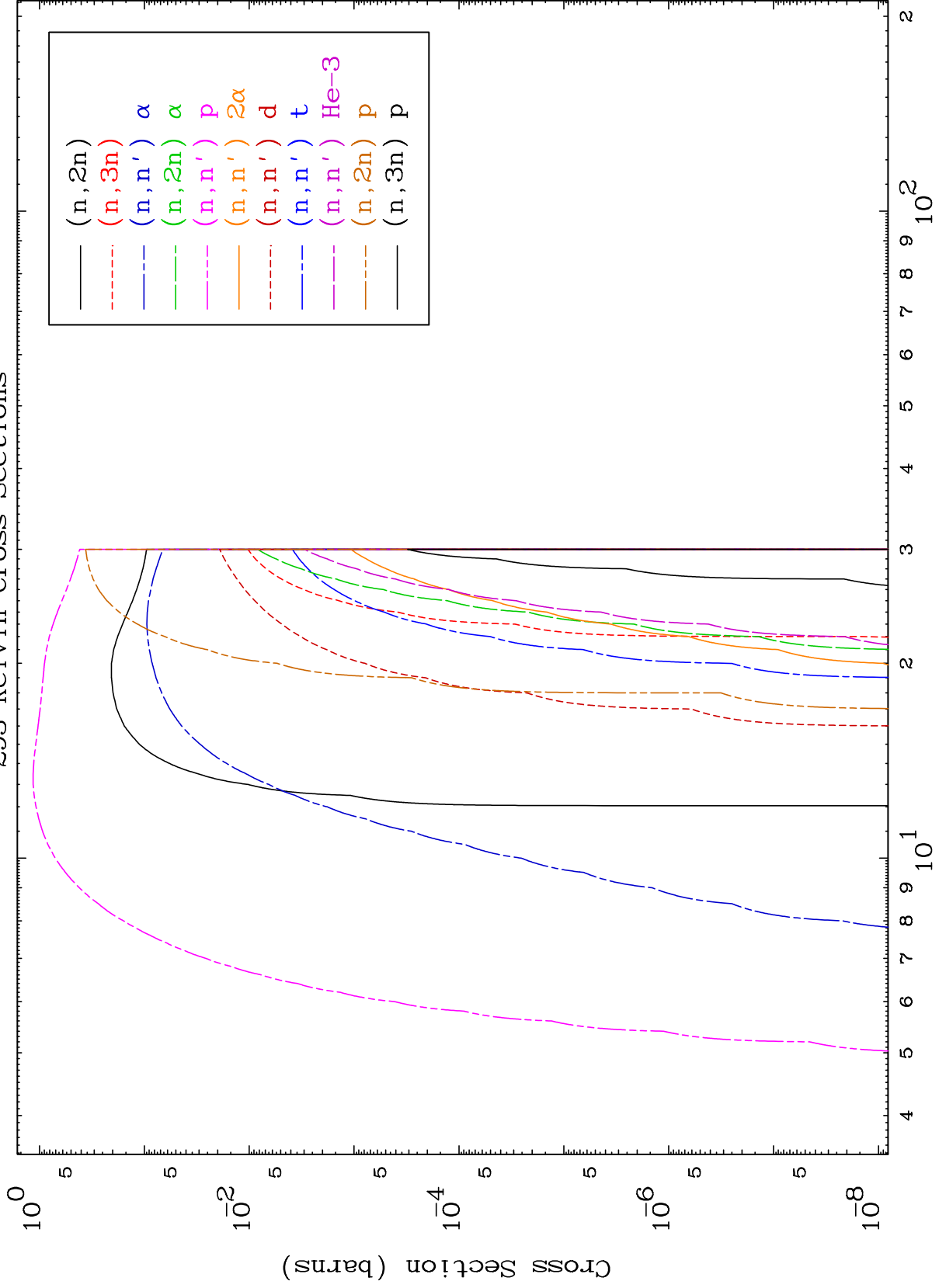
Tele: 925-443-1911

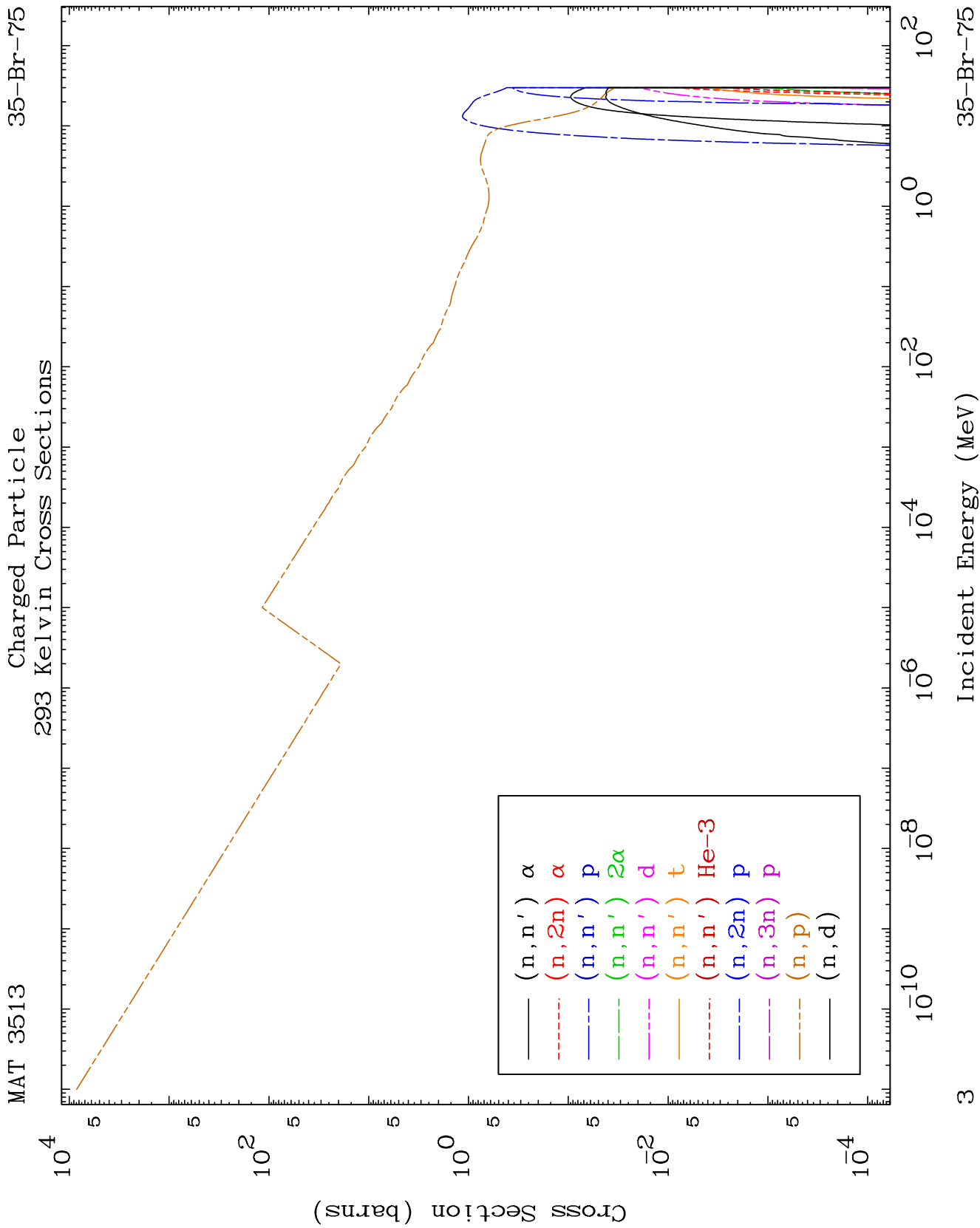
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



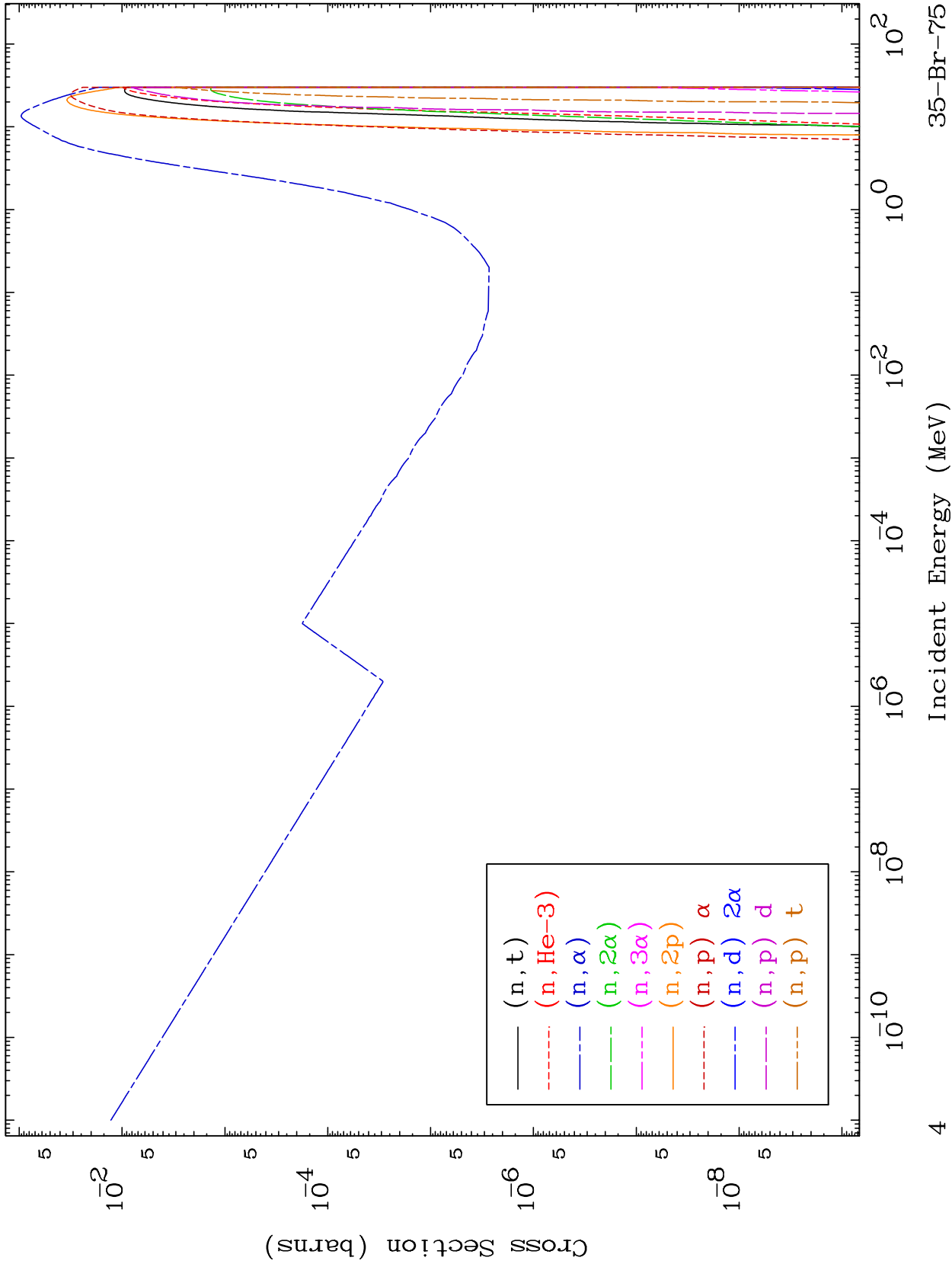




MAT 3513

Charged Particle
293 Kelvin Cross Sections

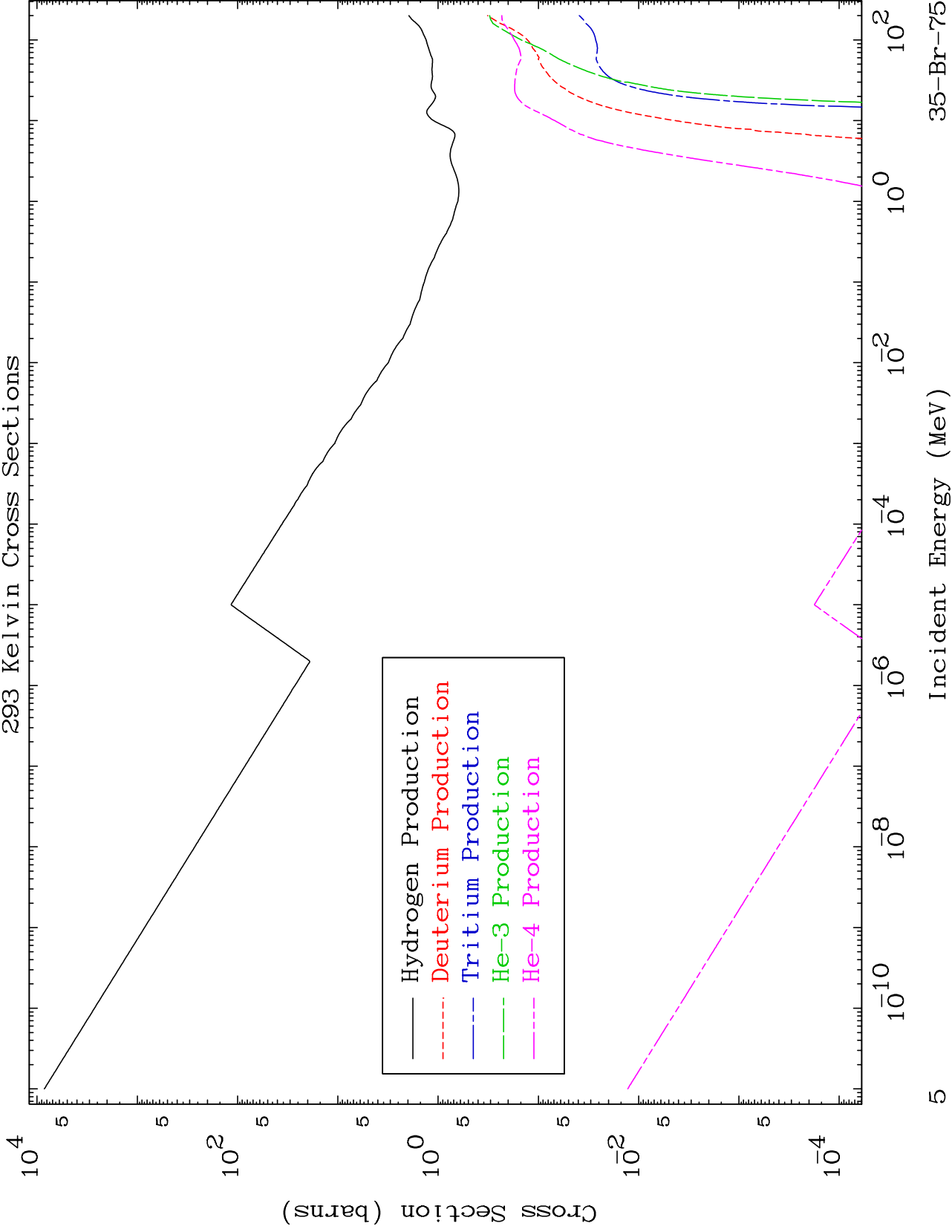
35-Br-75



MAT 3513

Particle Production
293 Kelvin Cross Sections

35-Br-75

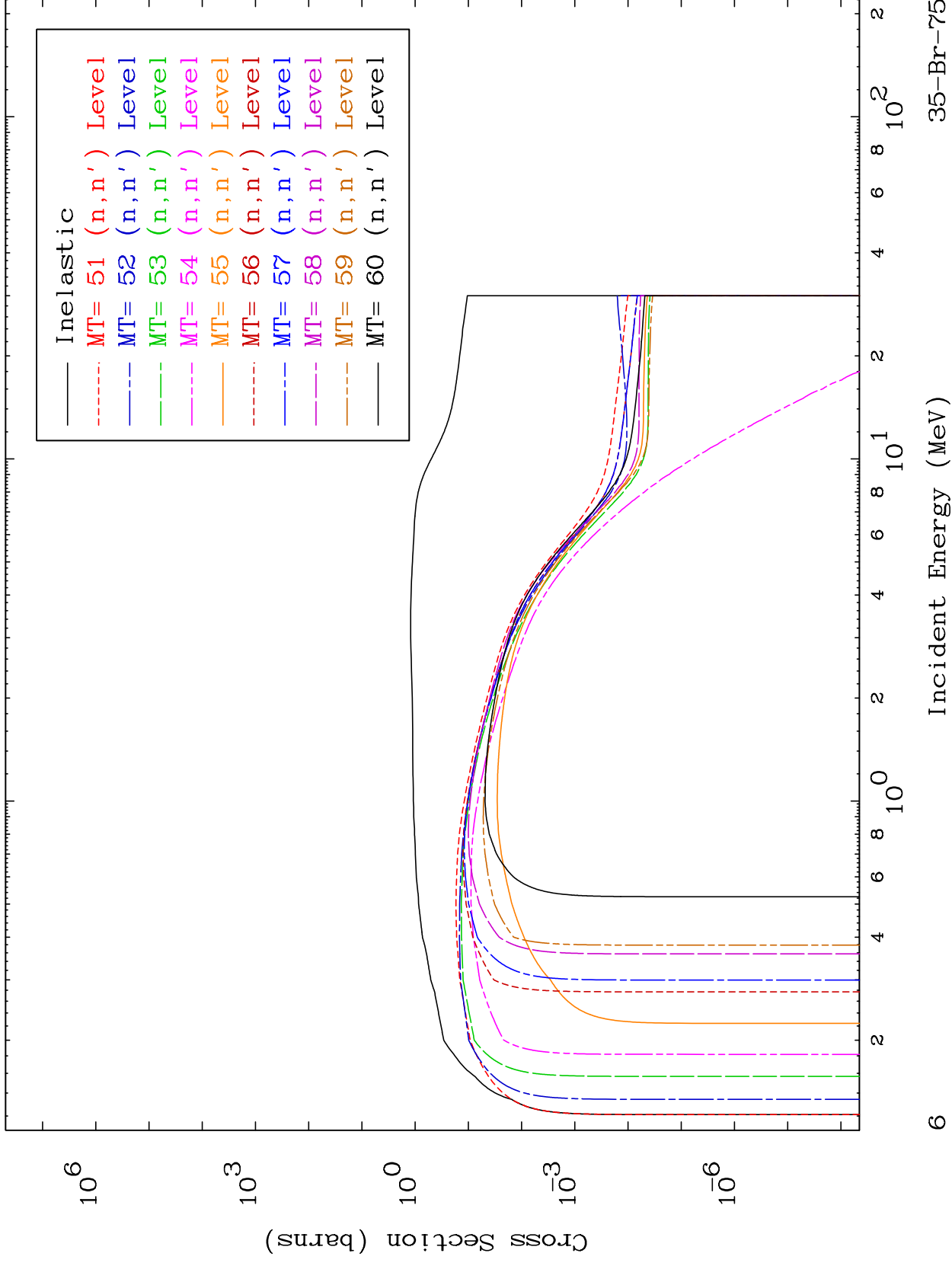


MAT 3513

(n,n') Level

35-Br-75

293 Kelvin Cross Sections

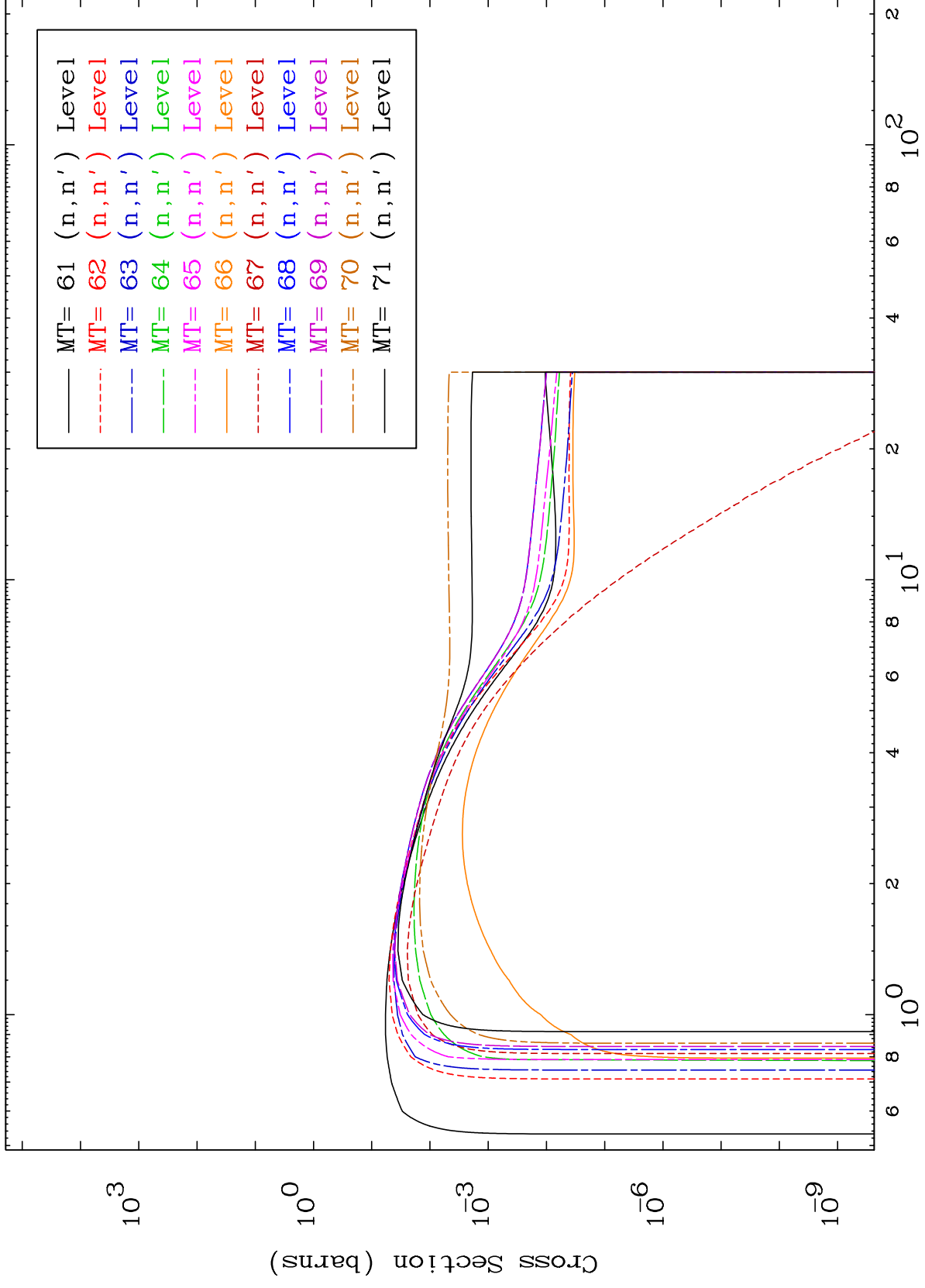


MAT 3513

(n,n') Level

35-Br-75

293 Kelvin Cross Sections



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Incident Energy (MeV)

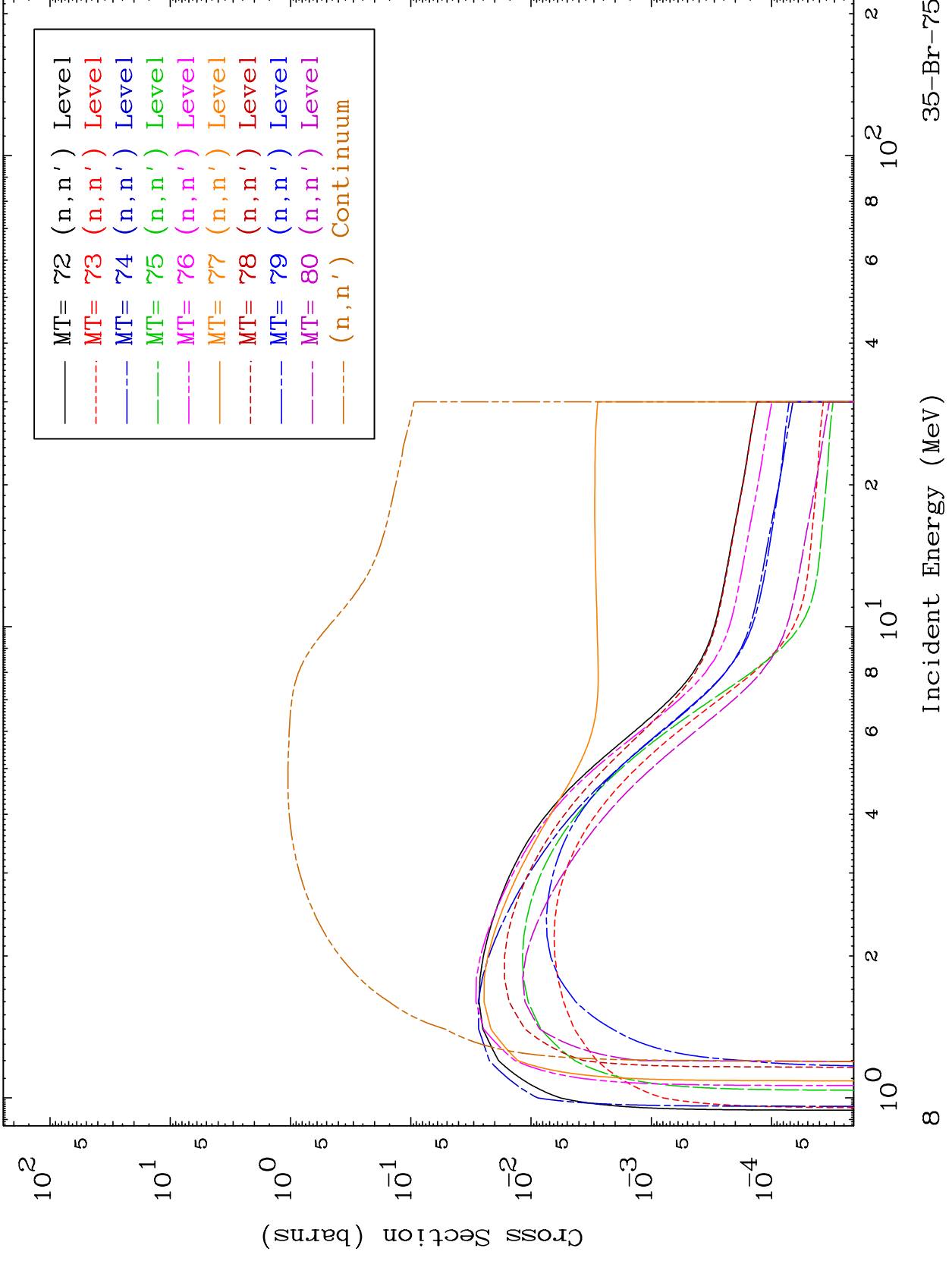
35-Br-75

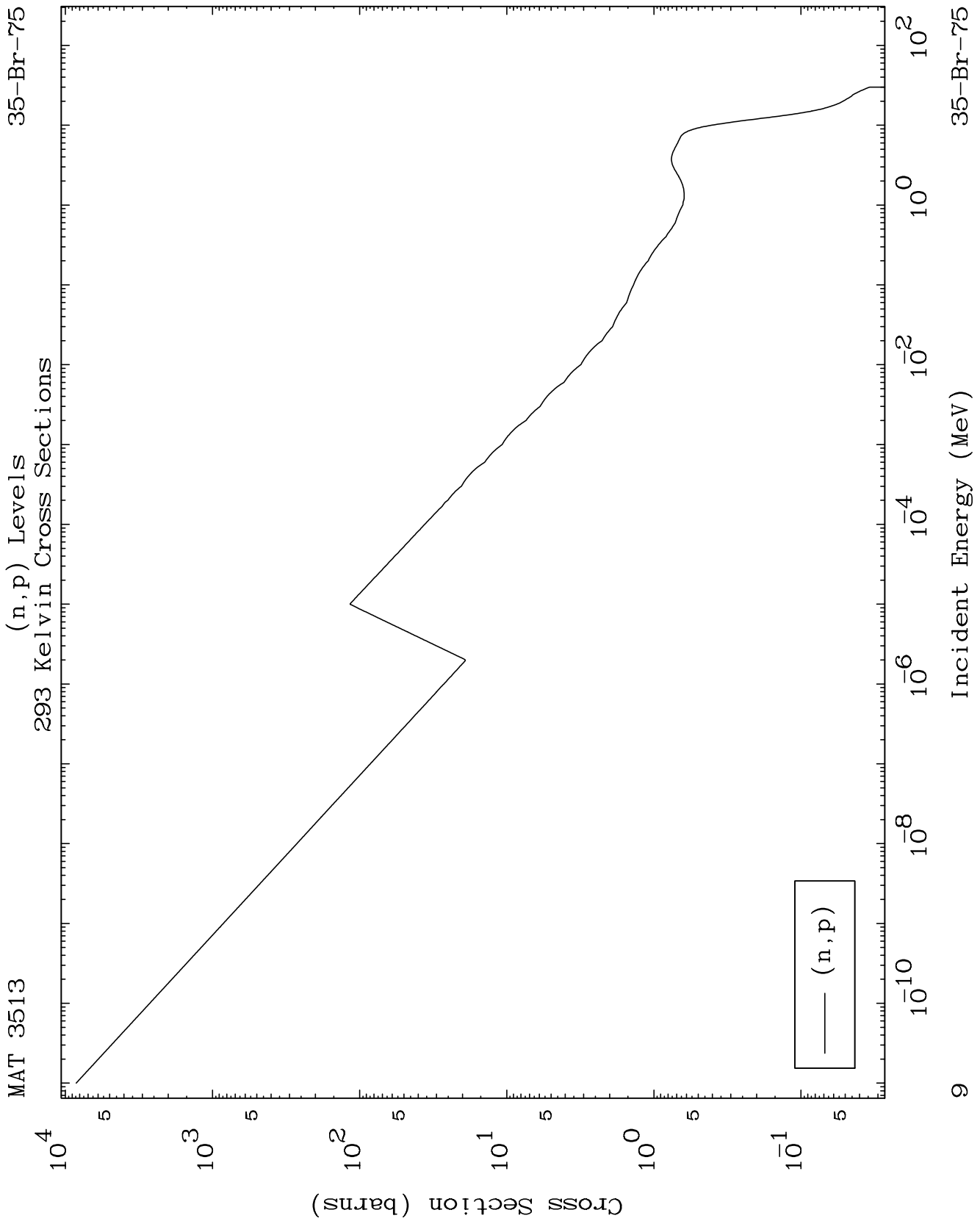
MAT 3513

(n,n') Level

293 Kelvin Cross Sections

35-Br-75

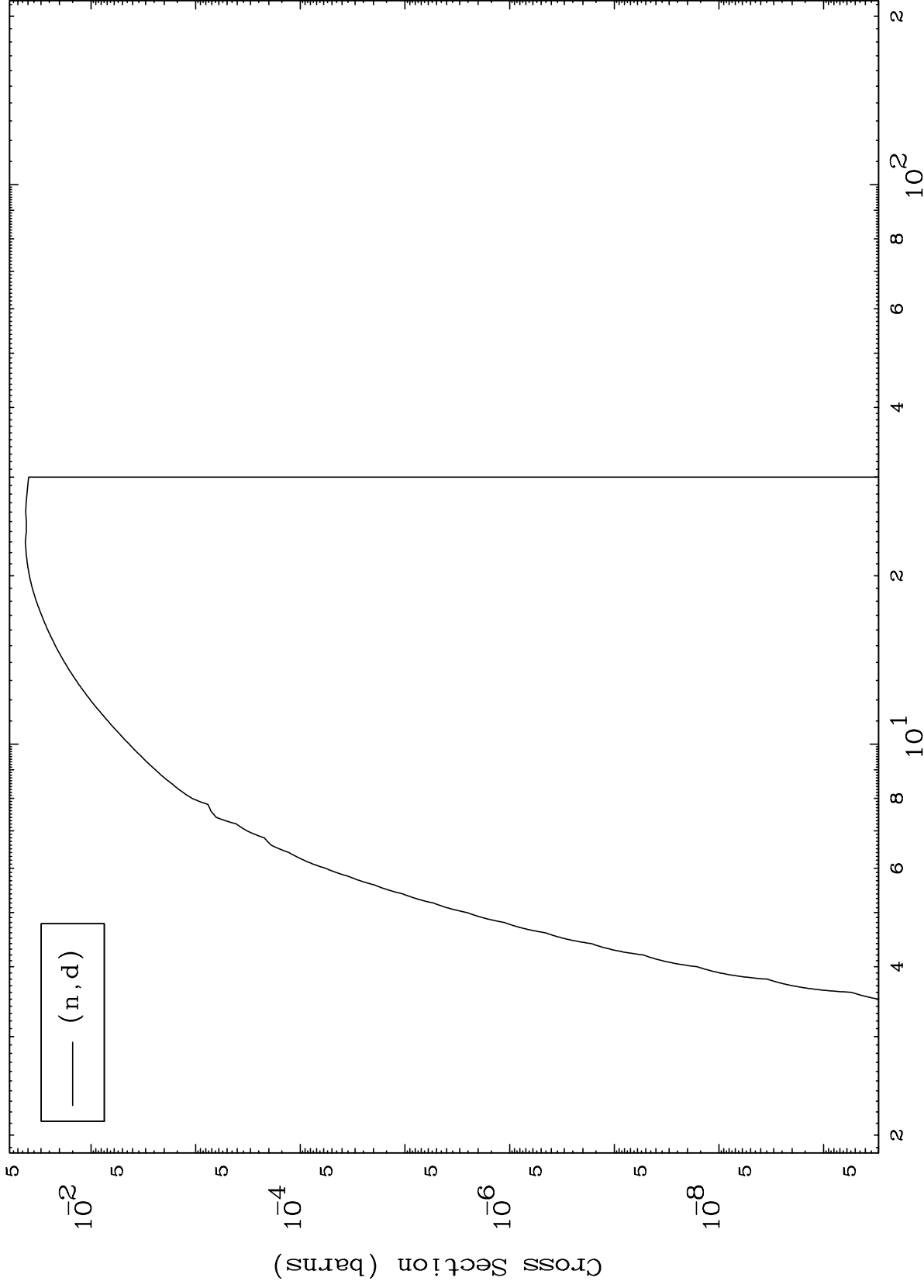




MAT 3513

(n,d) Levels
293 Kelvin Cross Sections

35-Br-75



10

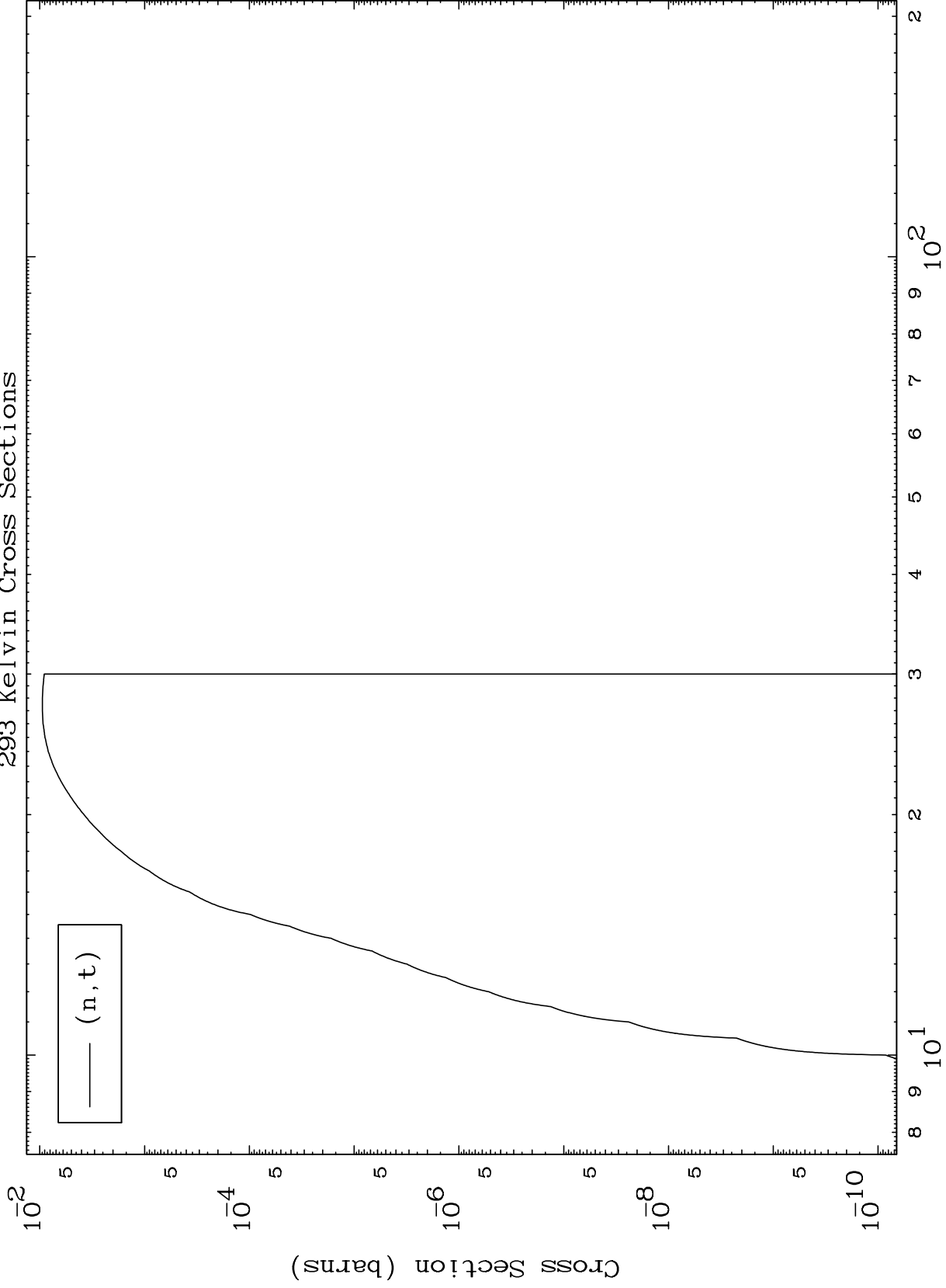
Incident Energy (MeV)

35-Br-75

MAT 3513

(n,t) Levels
293 Kelvin Cross Sections

35-Br-75



11

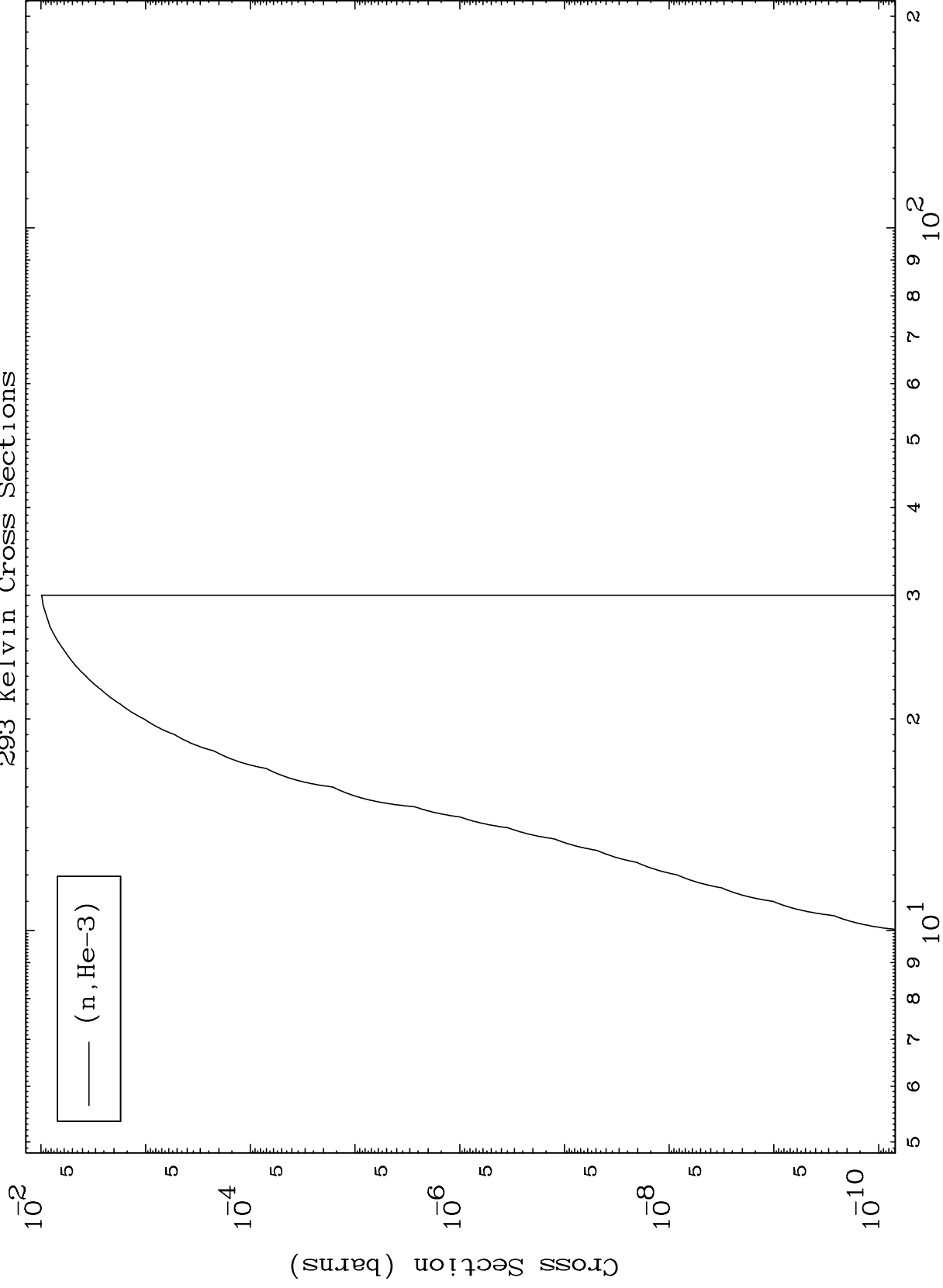
Incident Energy (MeV)

35-Br-75

MAT 3513

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-75



12

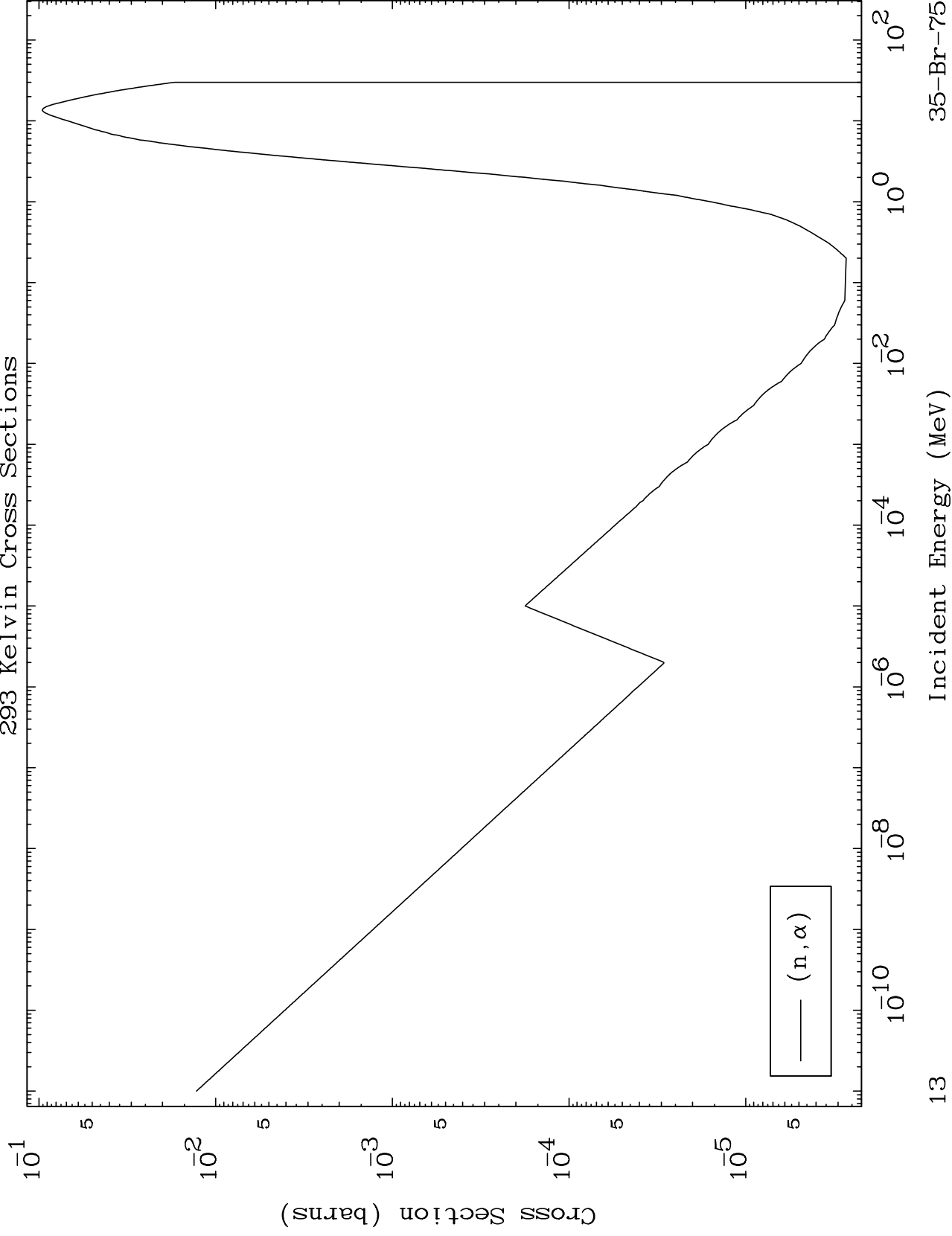
Incident Energy (MeV)

35-Br-75

MAT 3513

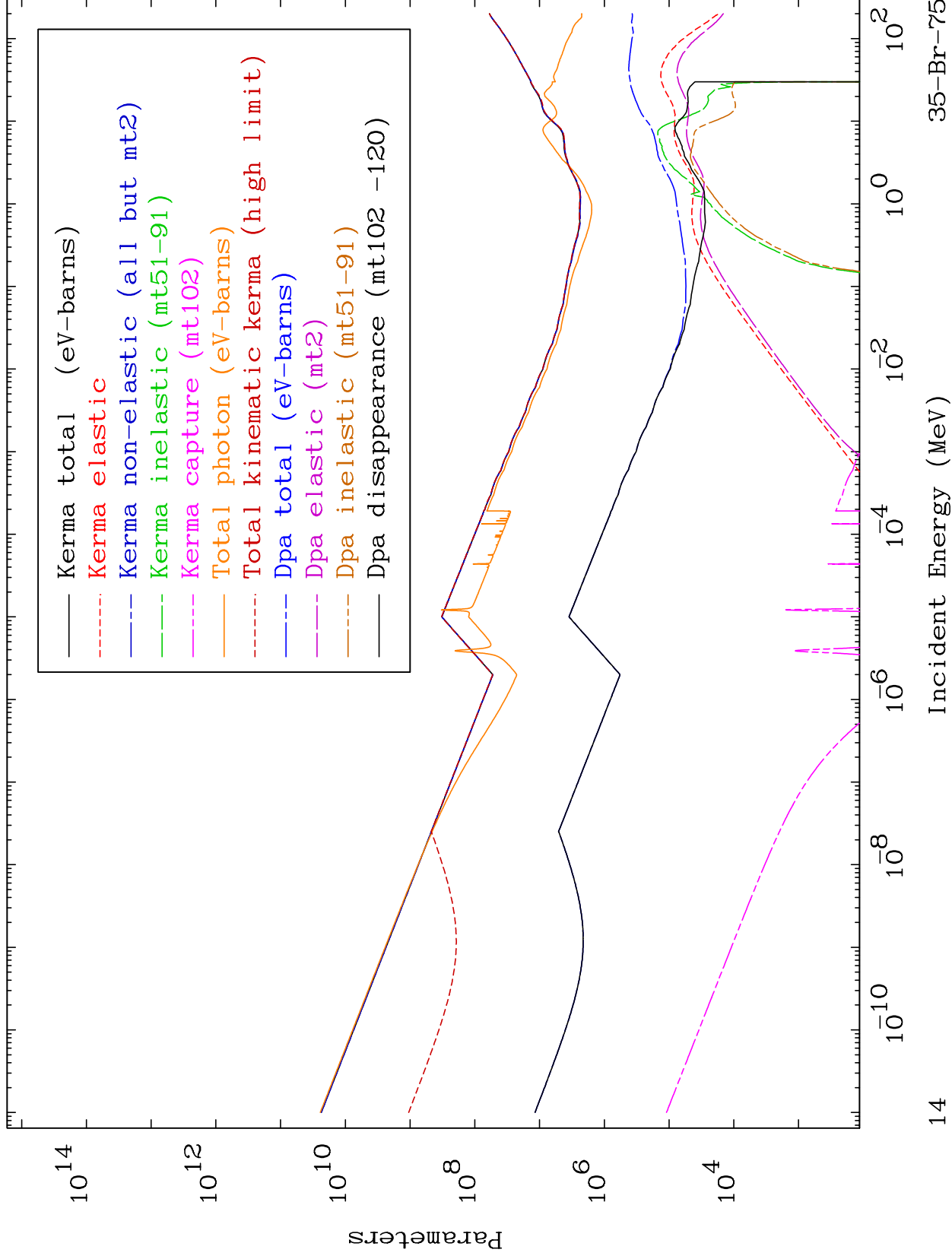
(n, α) Levels
293 Kelvin Cross Sections

35-Br-75



13

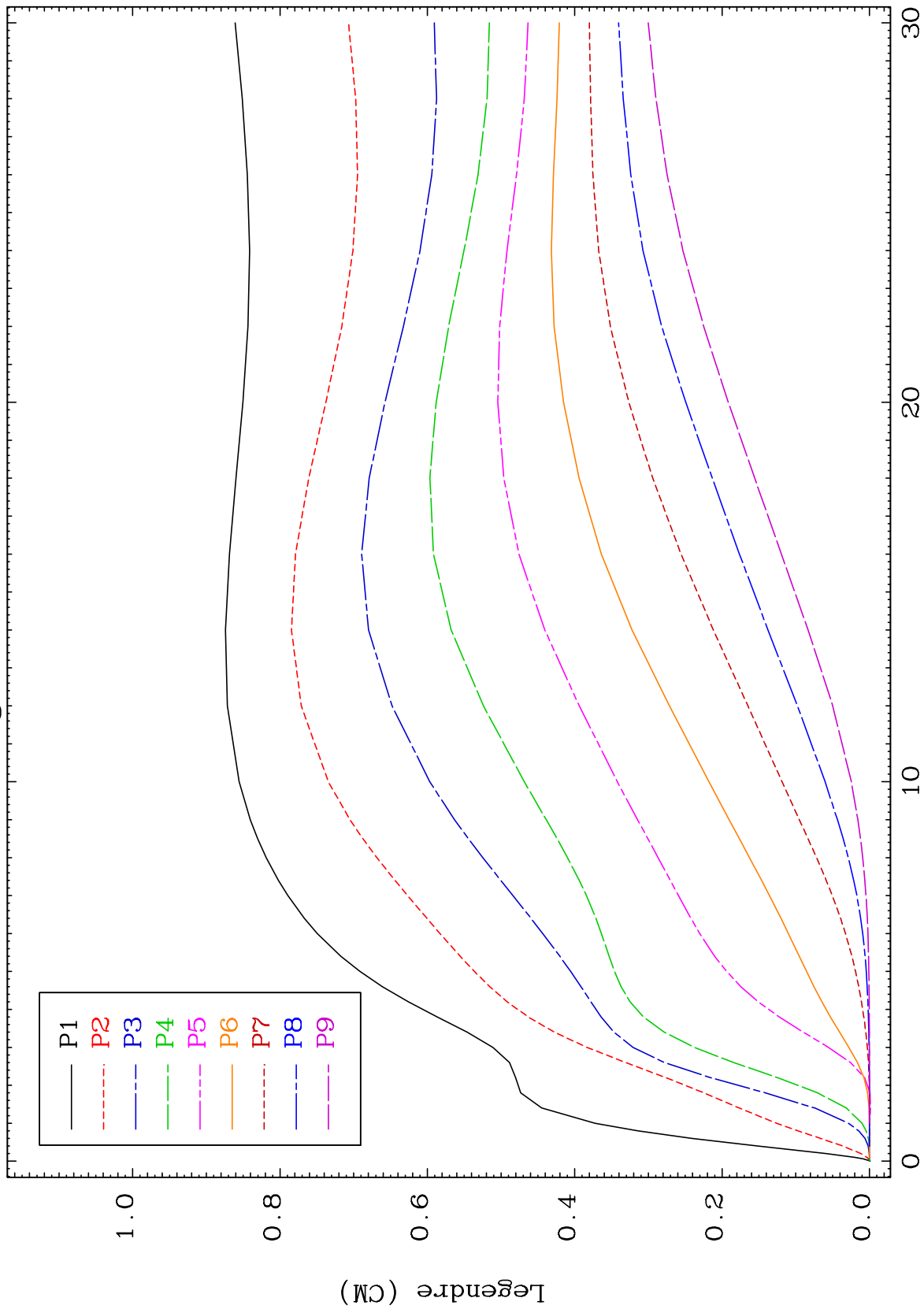
35-Br-75



MAT 3513

Elastic Legendre Coefficients

³⁵Br-75



15

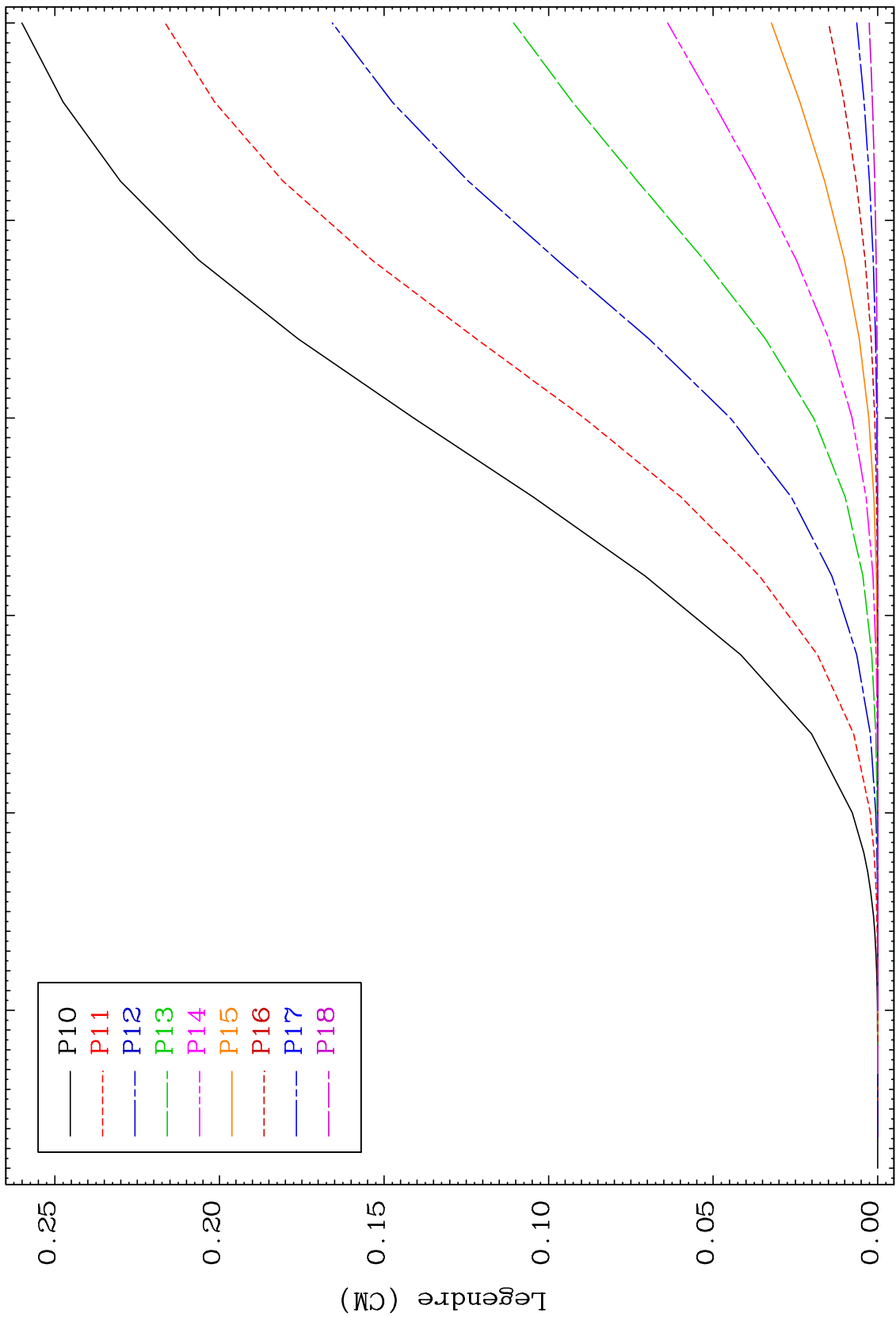
Incident Energy (MeV)

³⁵Br-75

MAT 3513

Elastic Legendre Coefficients

³⁵Br-⁷⁵



16

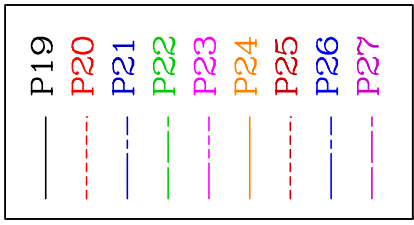
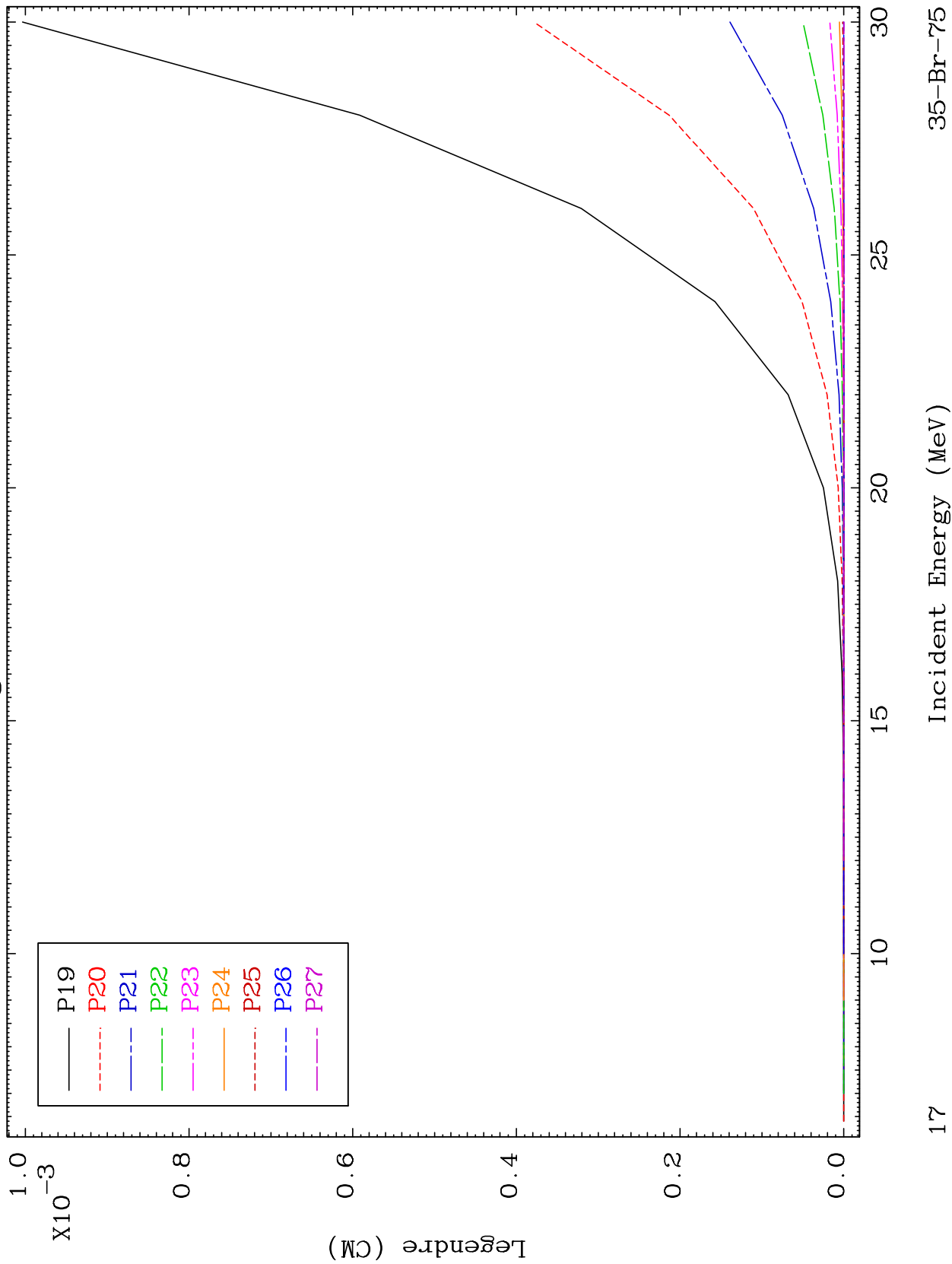
Incident Energy (MeV)

³⁵Br-⁷⁵

MAT 3513

Elastic
Legendre Coefficients

35-Br-75

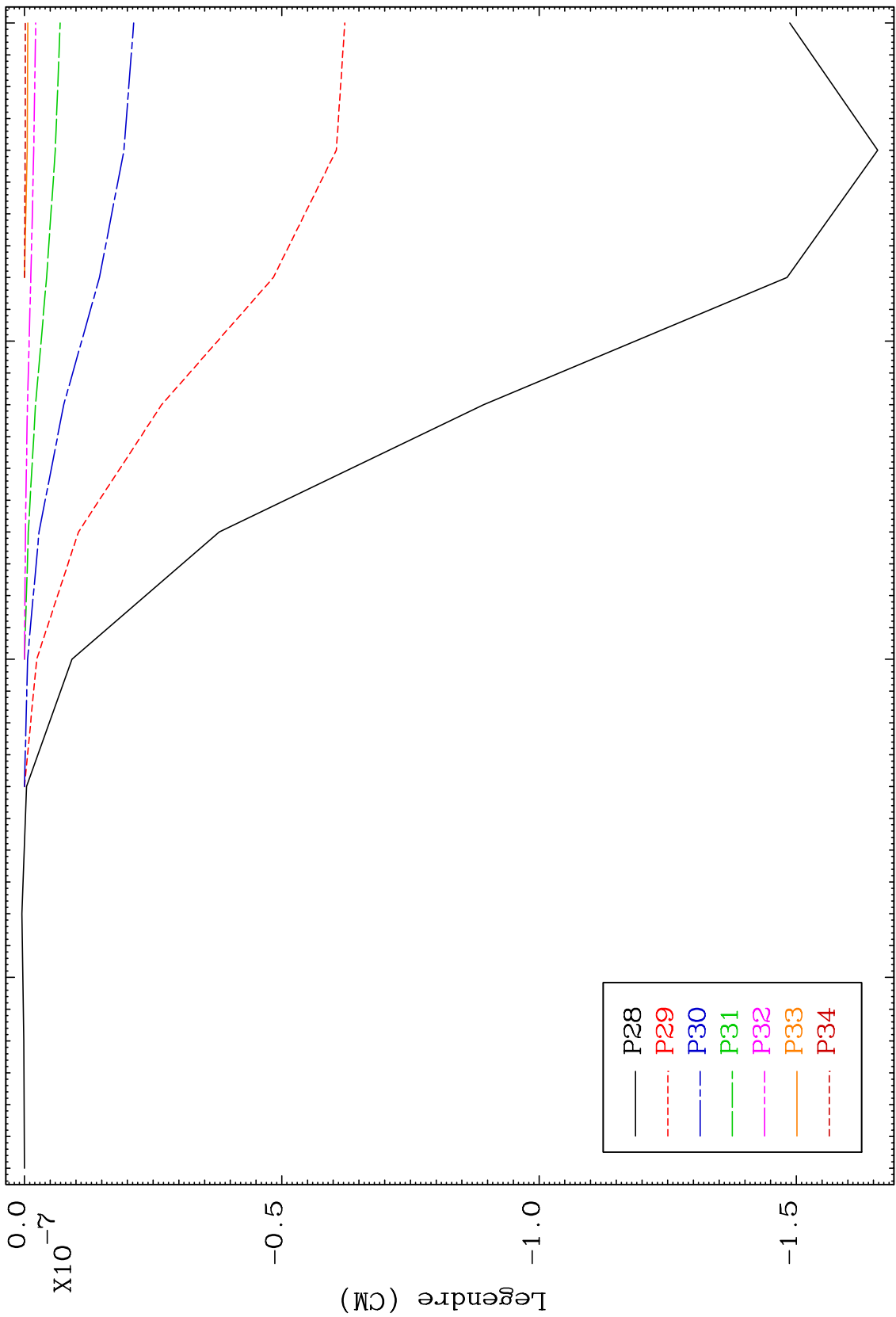


17

MAT 3513

35-Br-75

Elastic Legendre Coefficients



10^{-7}

Legendre (CM)

30

25

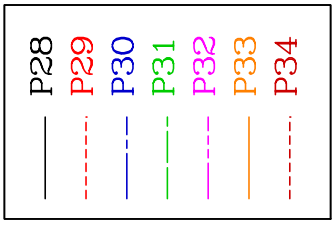
20

15

18

Incident Energy (MeV)

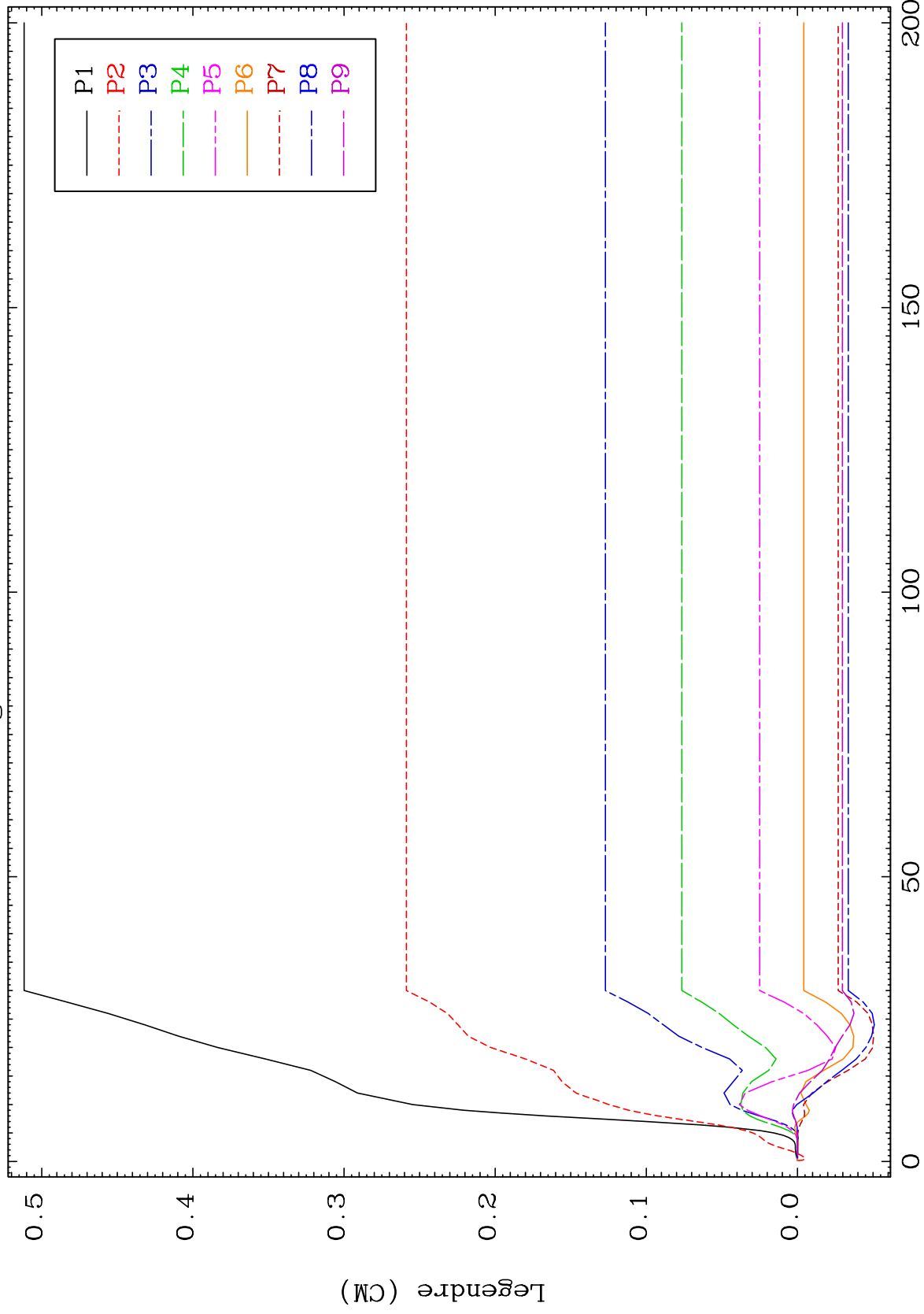
35-Br-75



MAT 3513

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

35-Br-75



19

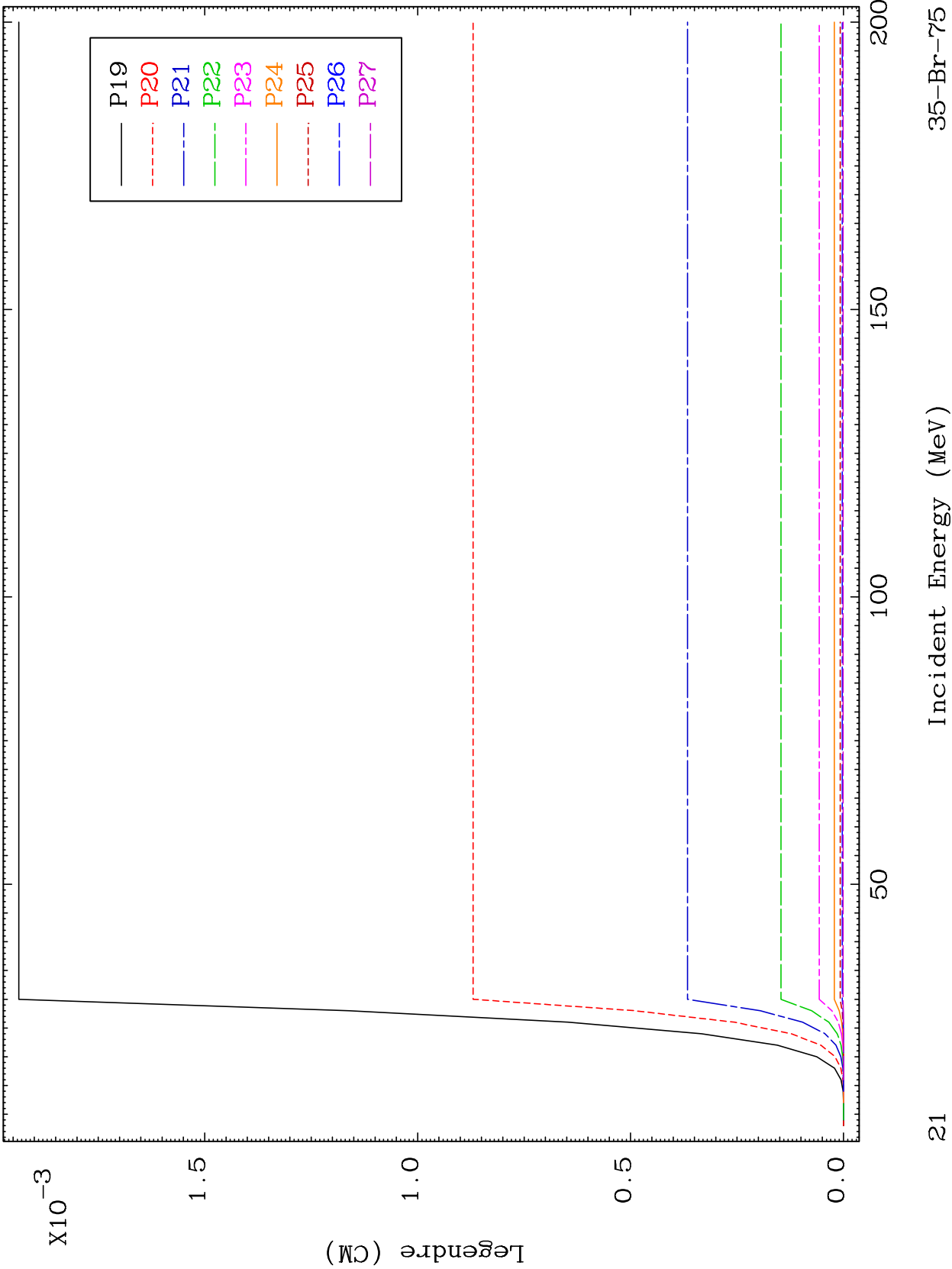
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



21

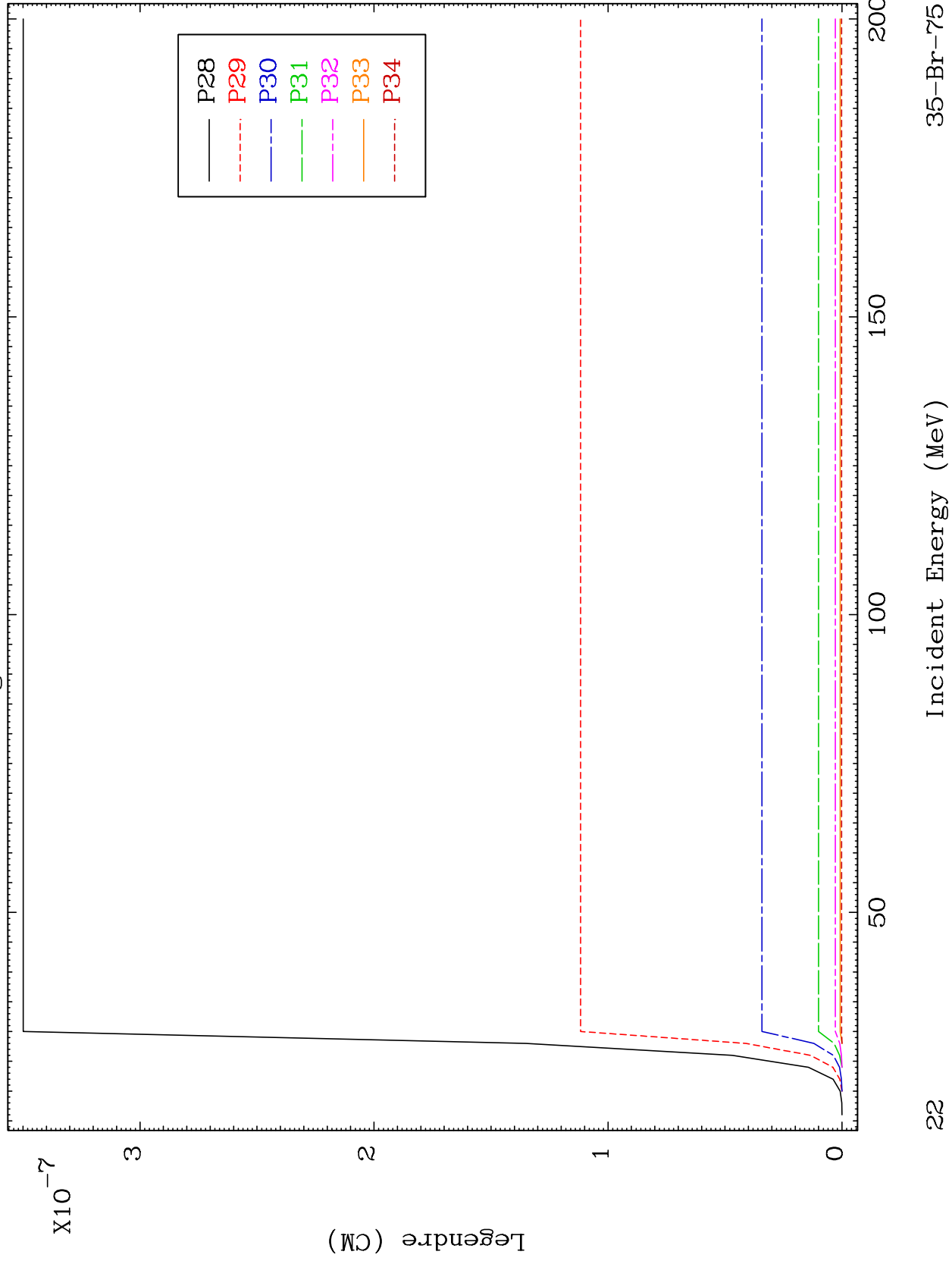
Incident Energy (MeV)

35-Br-75

MAT 3513

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

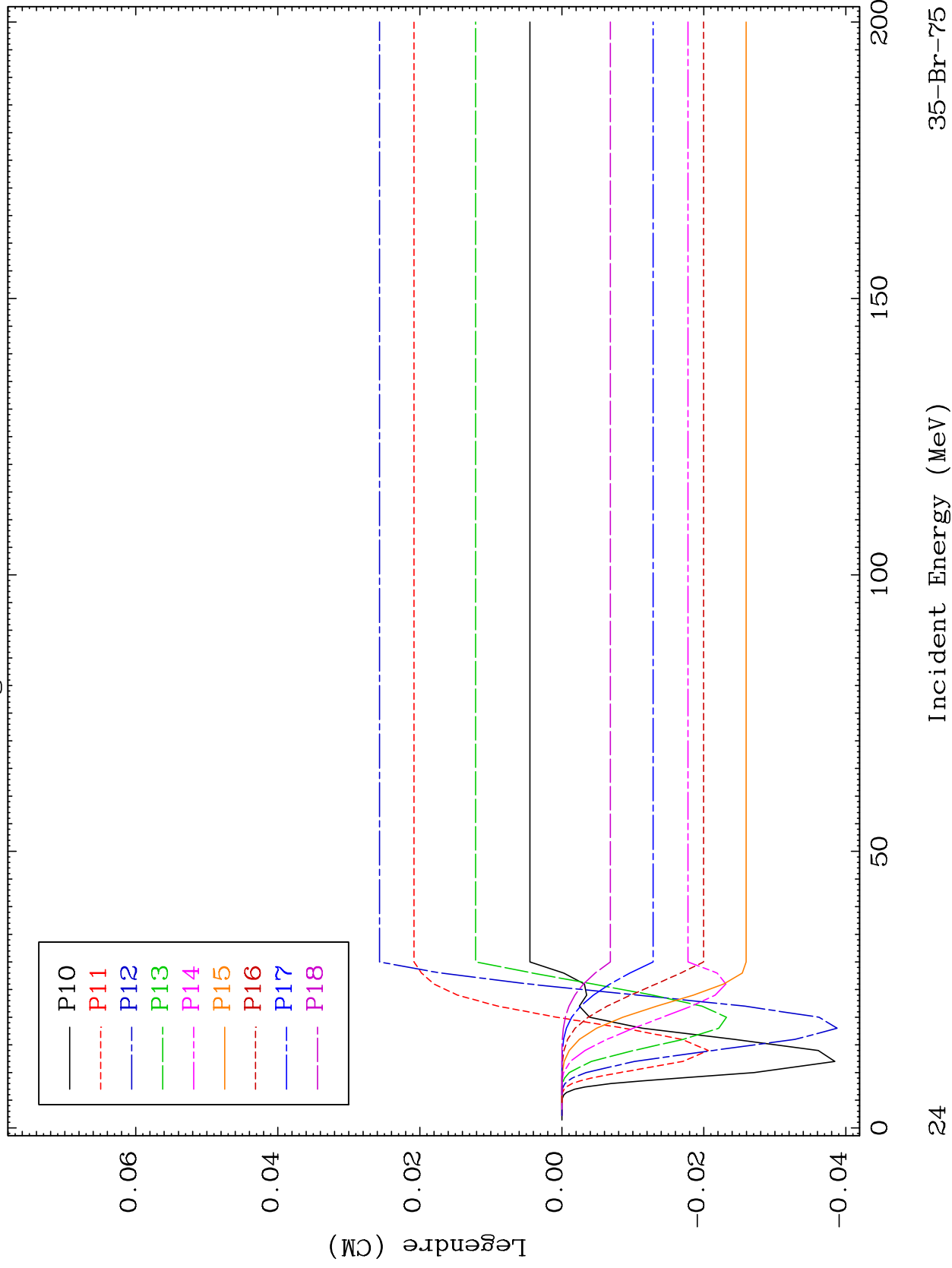
35-Br-75



MAT 3513

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

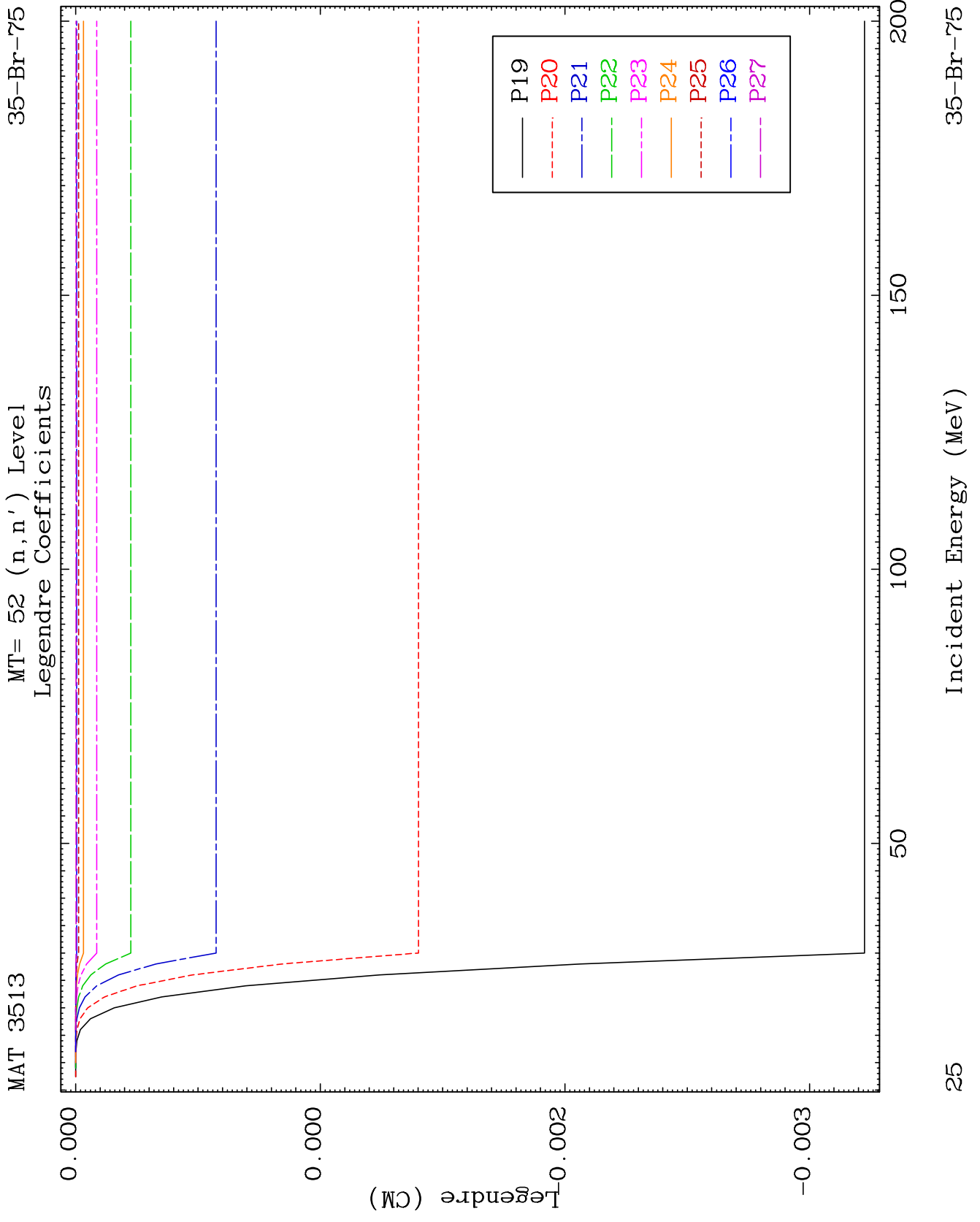
35-Br-75



24

Incident Energy (MeV)

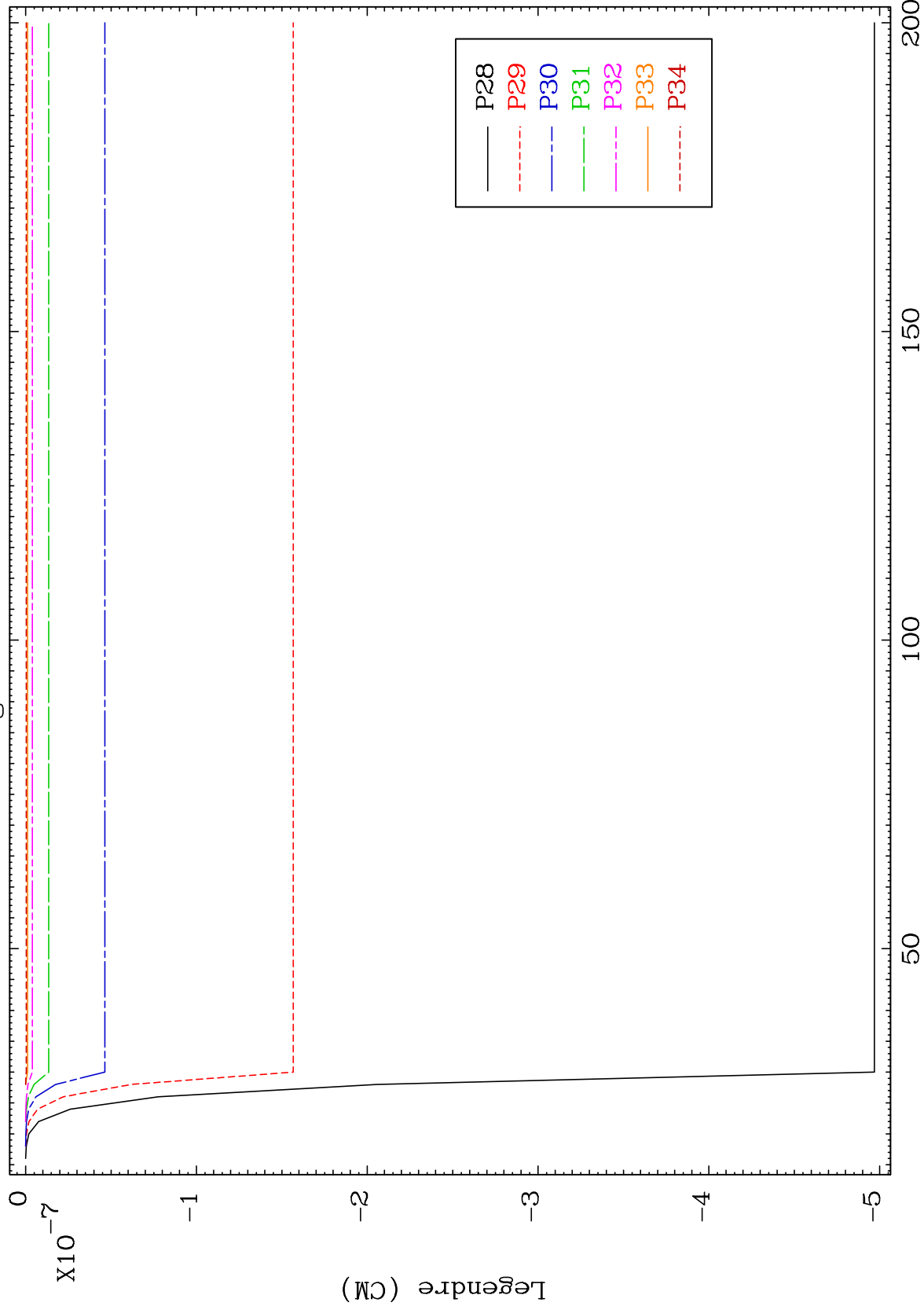
35-Br-75



MAT 3513

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

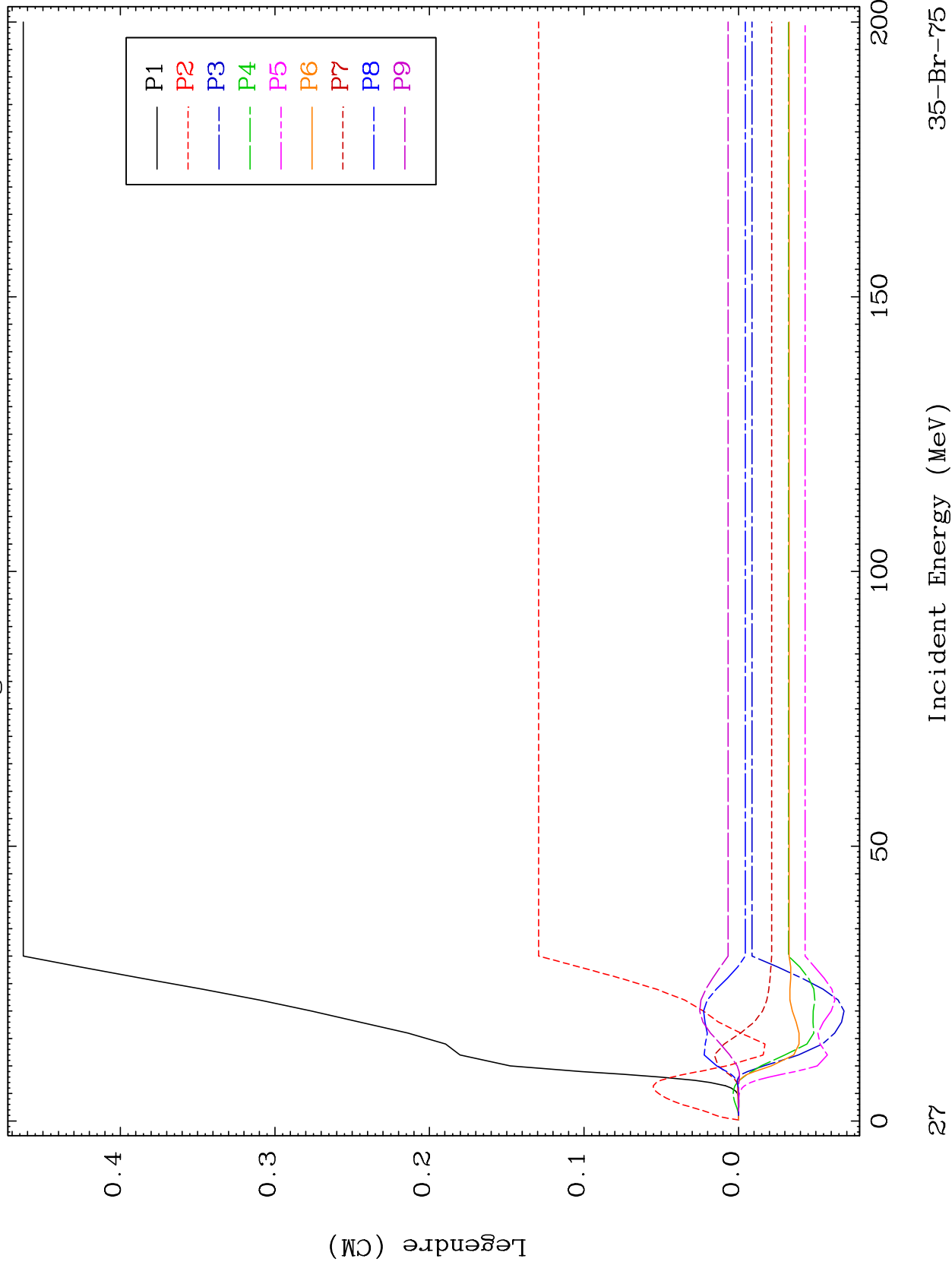
35-Br-75



MAT 3513

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

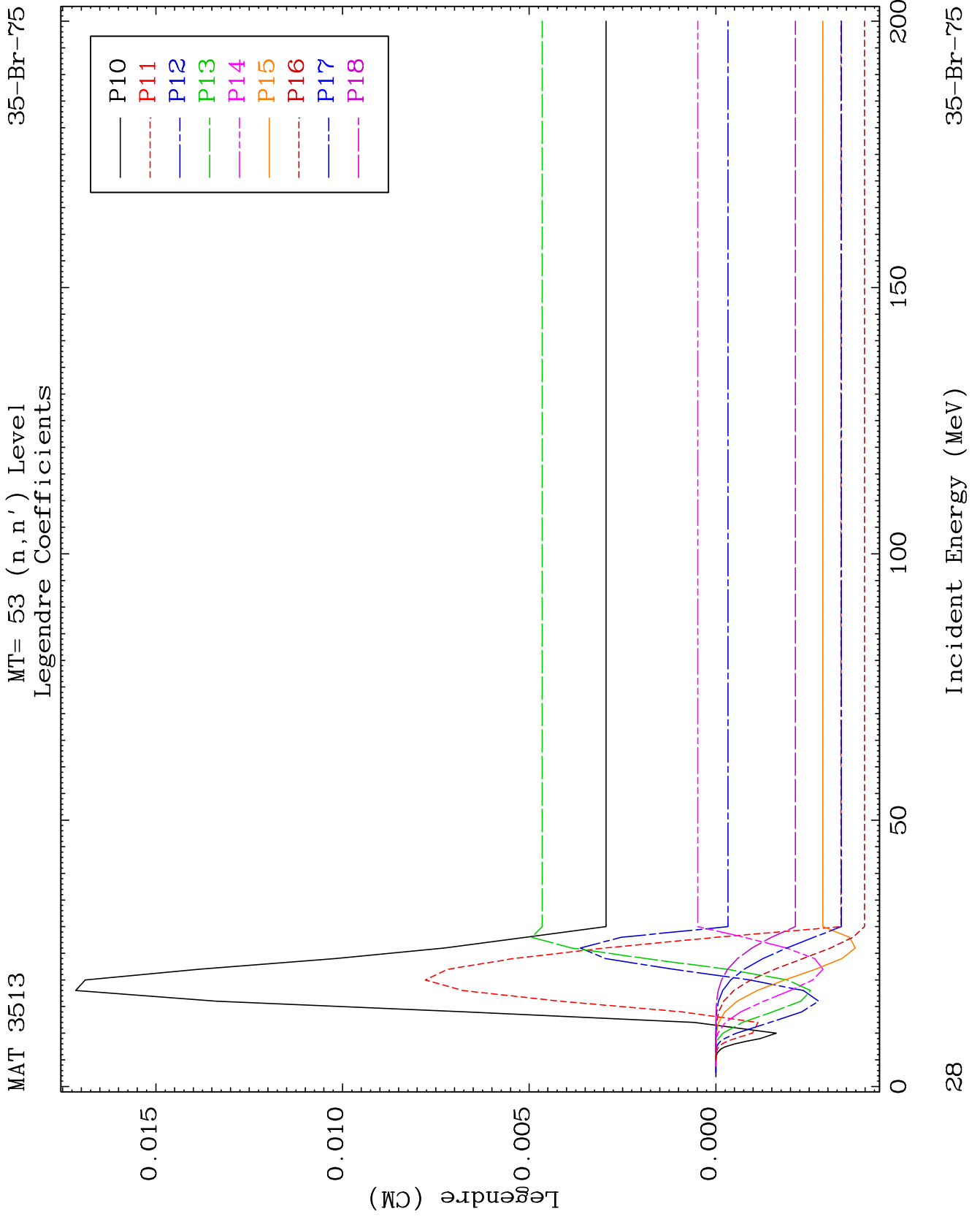
35-Br-75

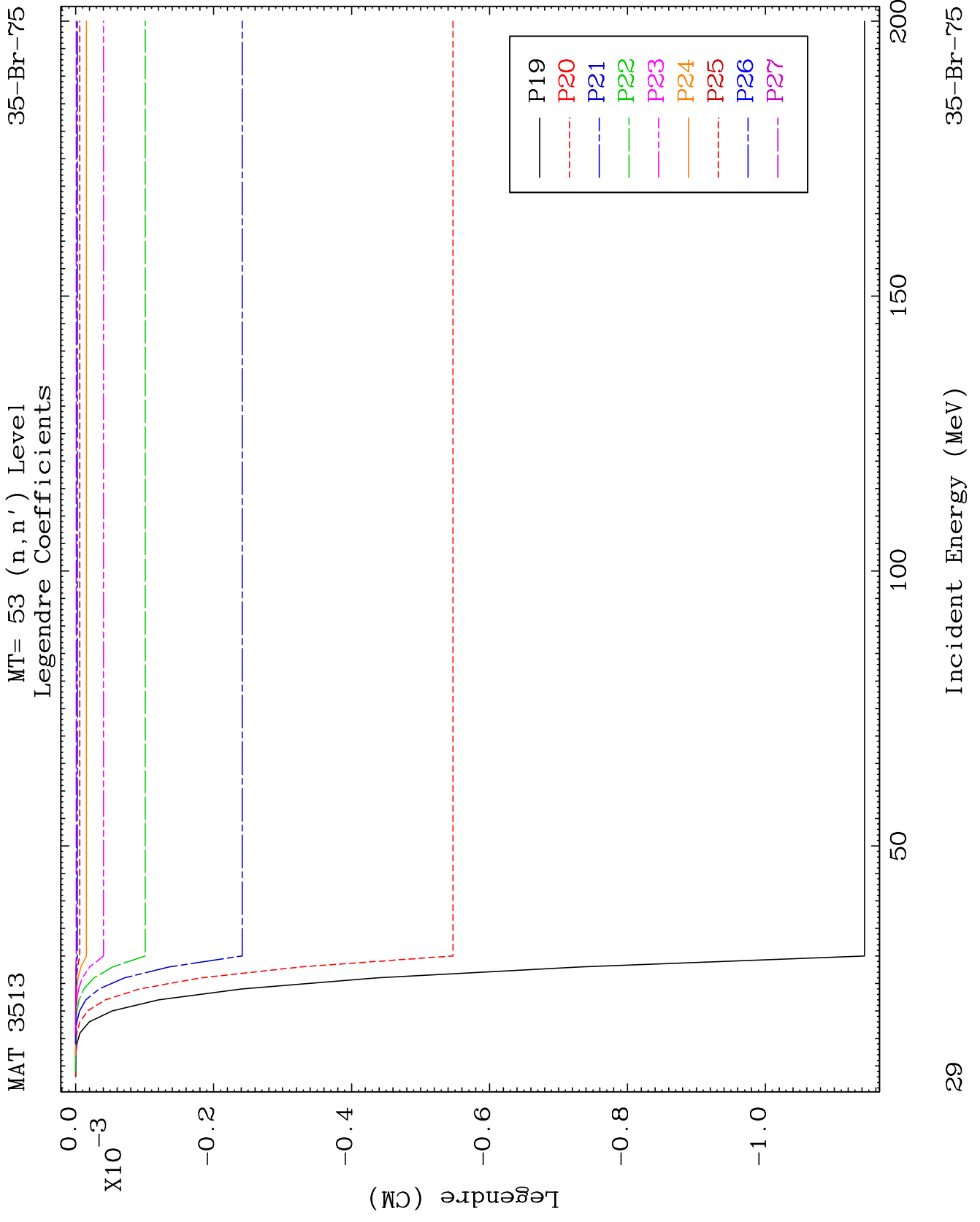


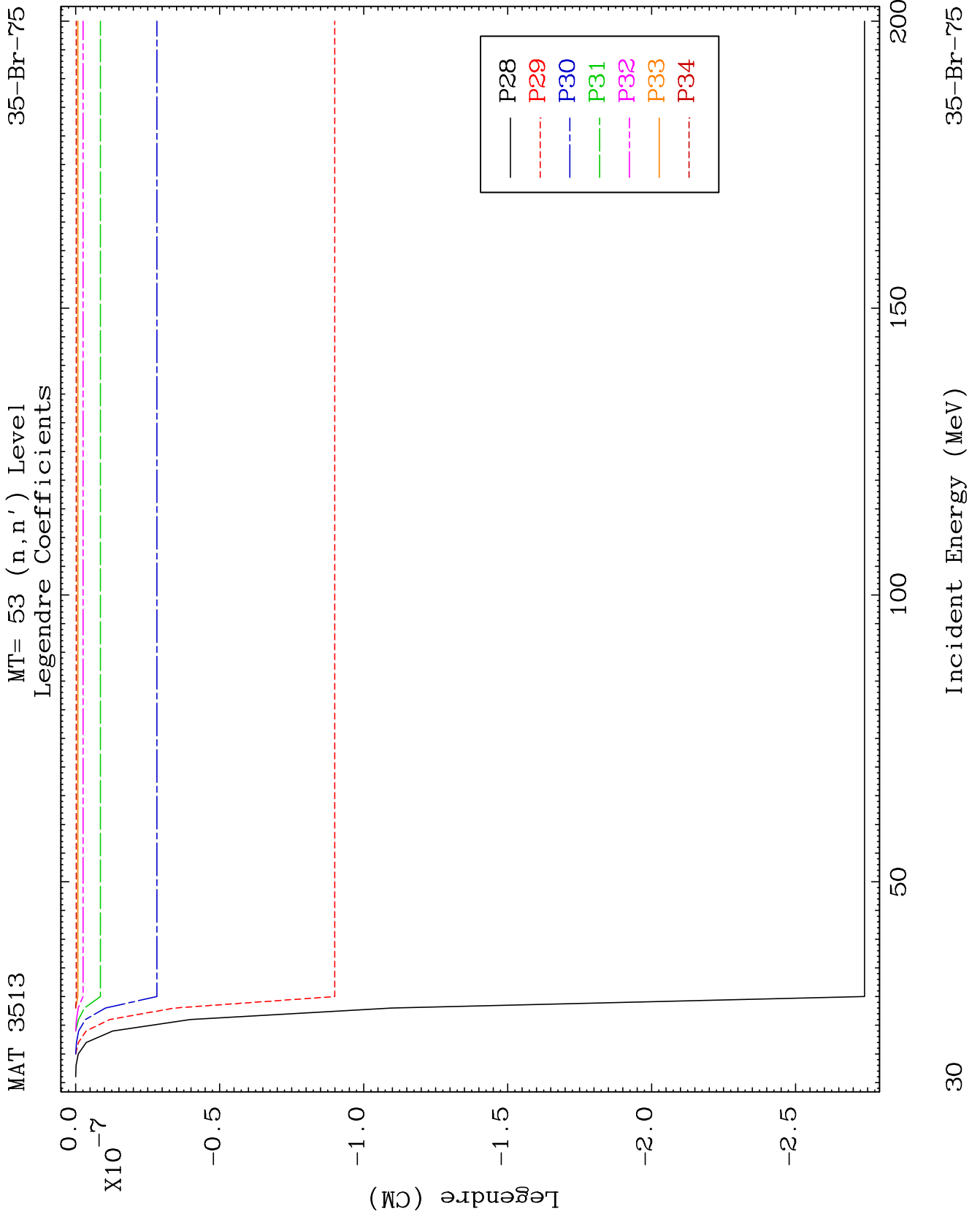
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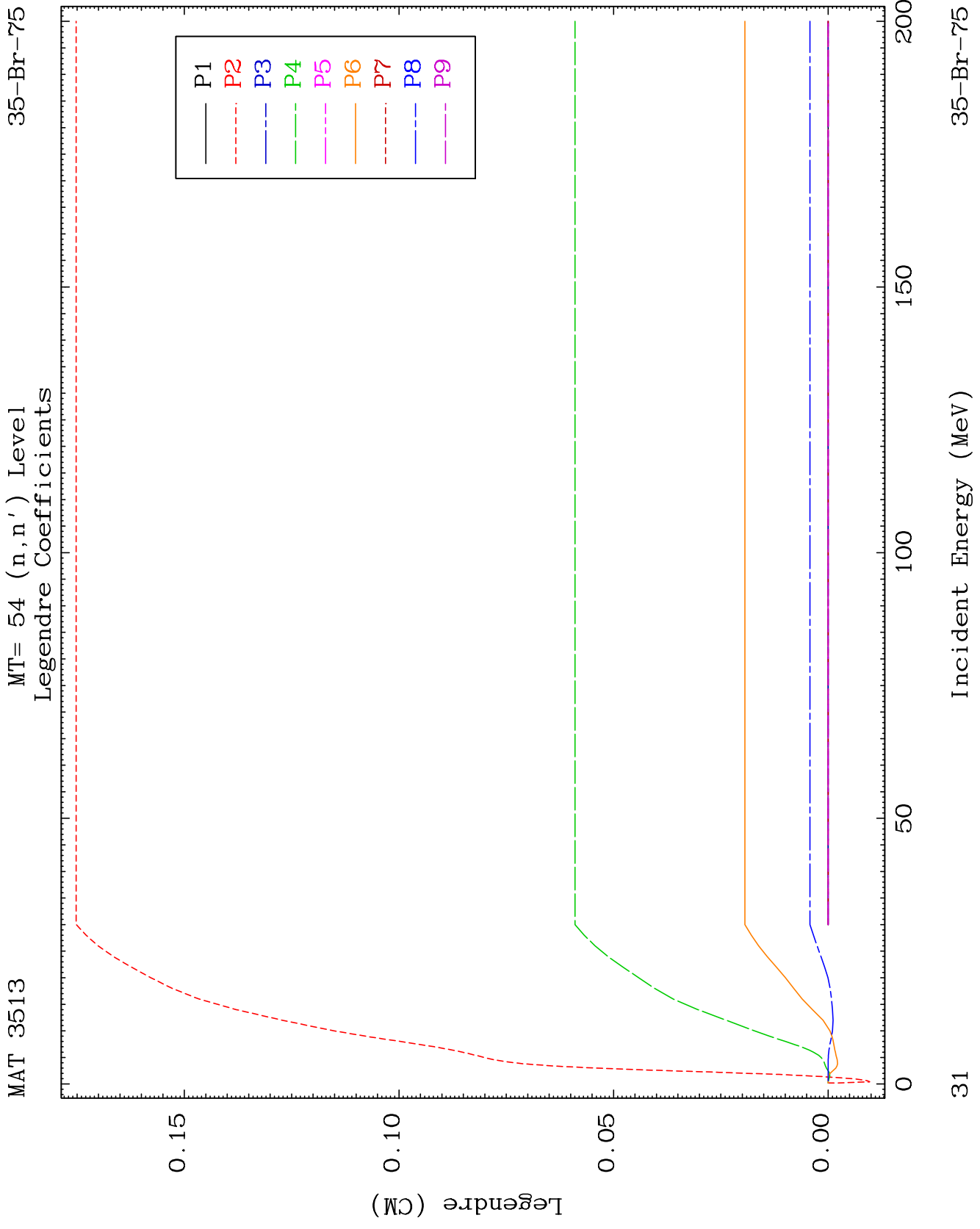
Incident Energy (MeV)

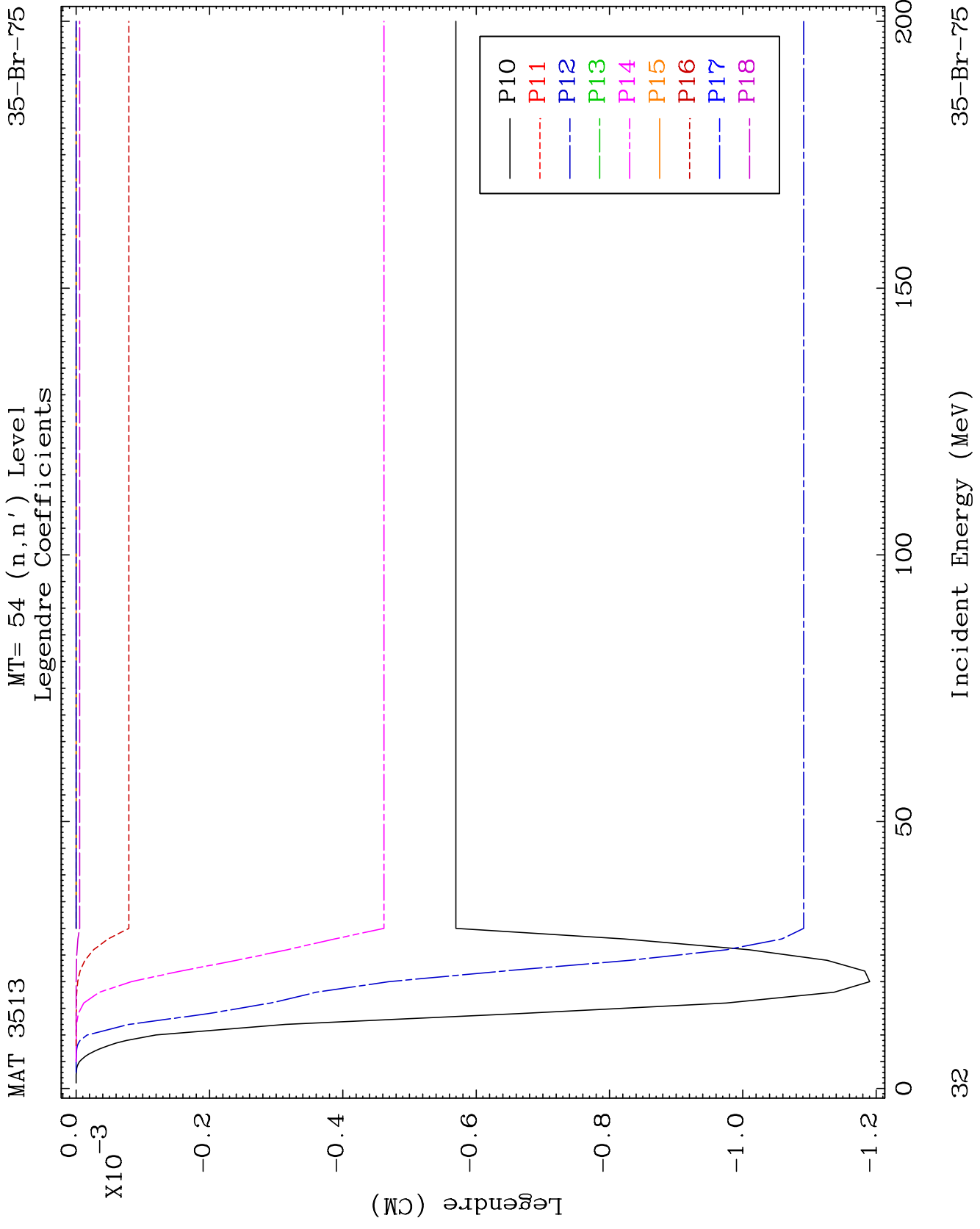
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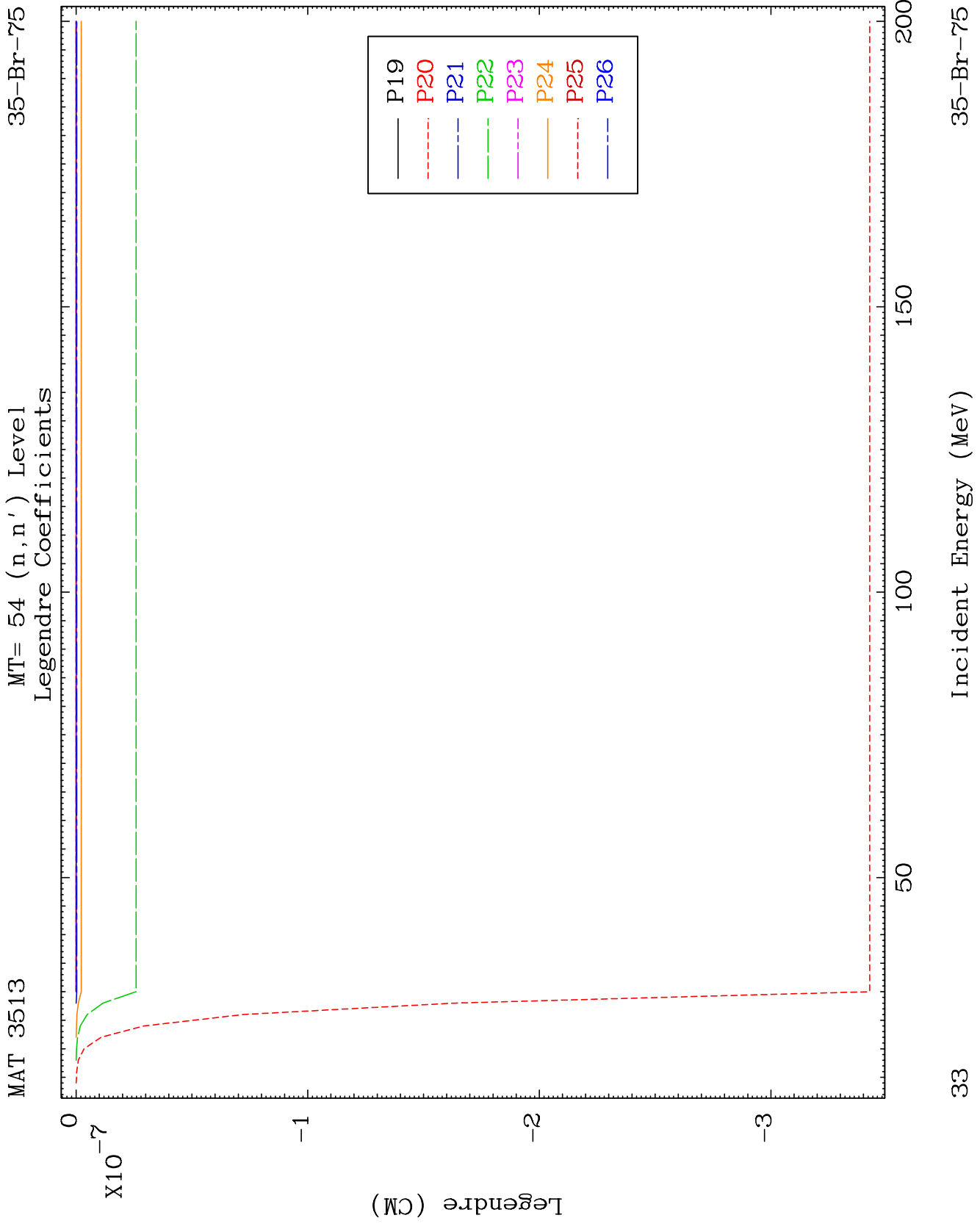








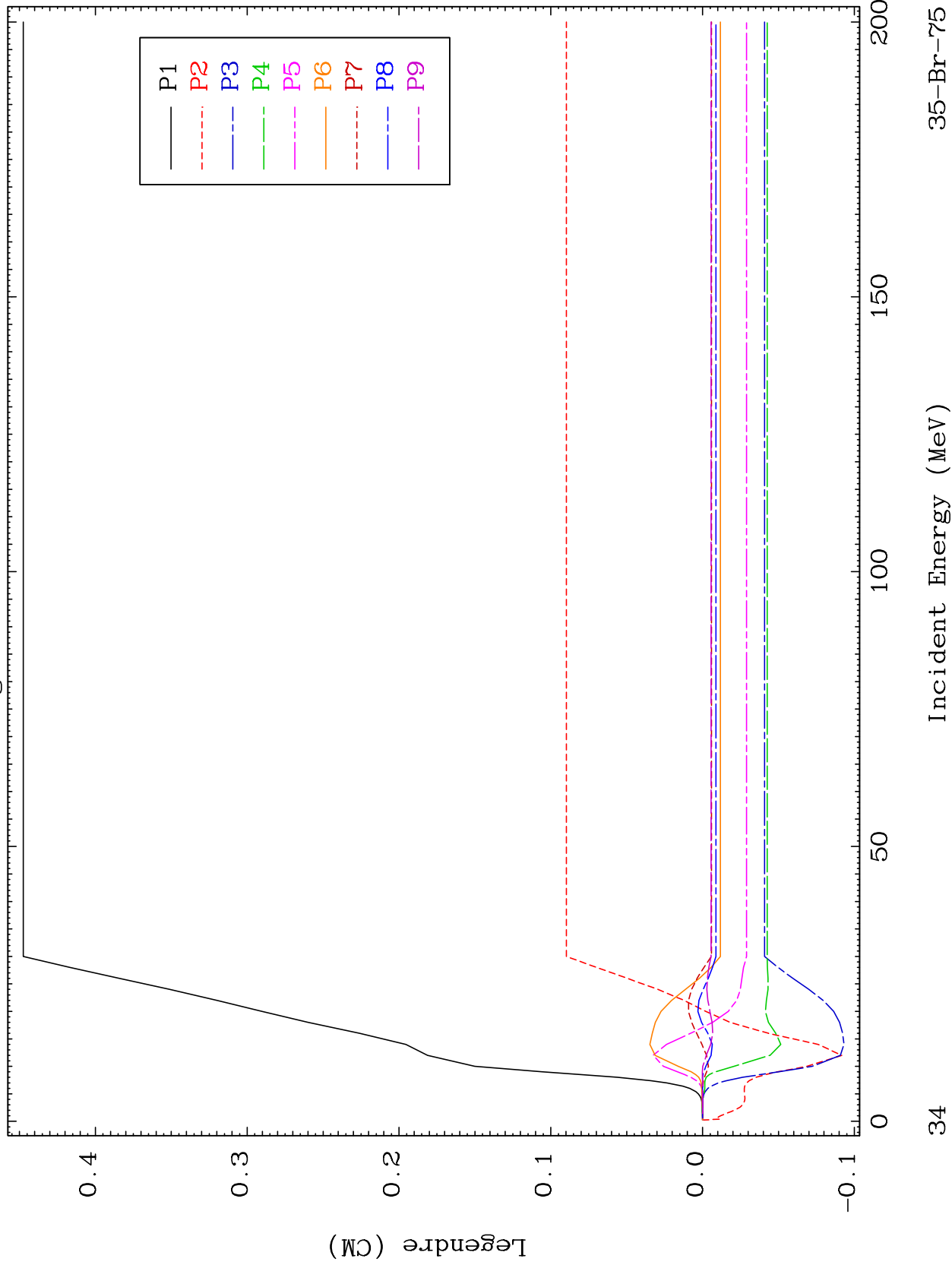




MAT 3513

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

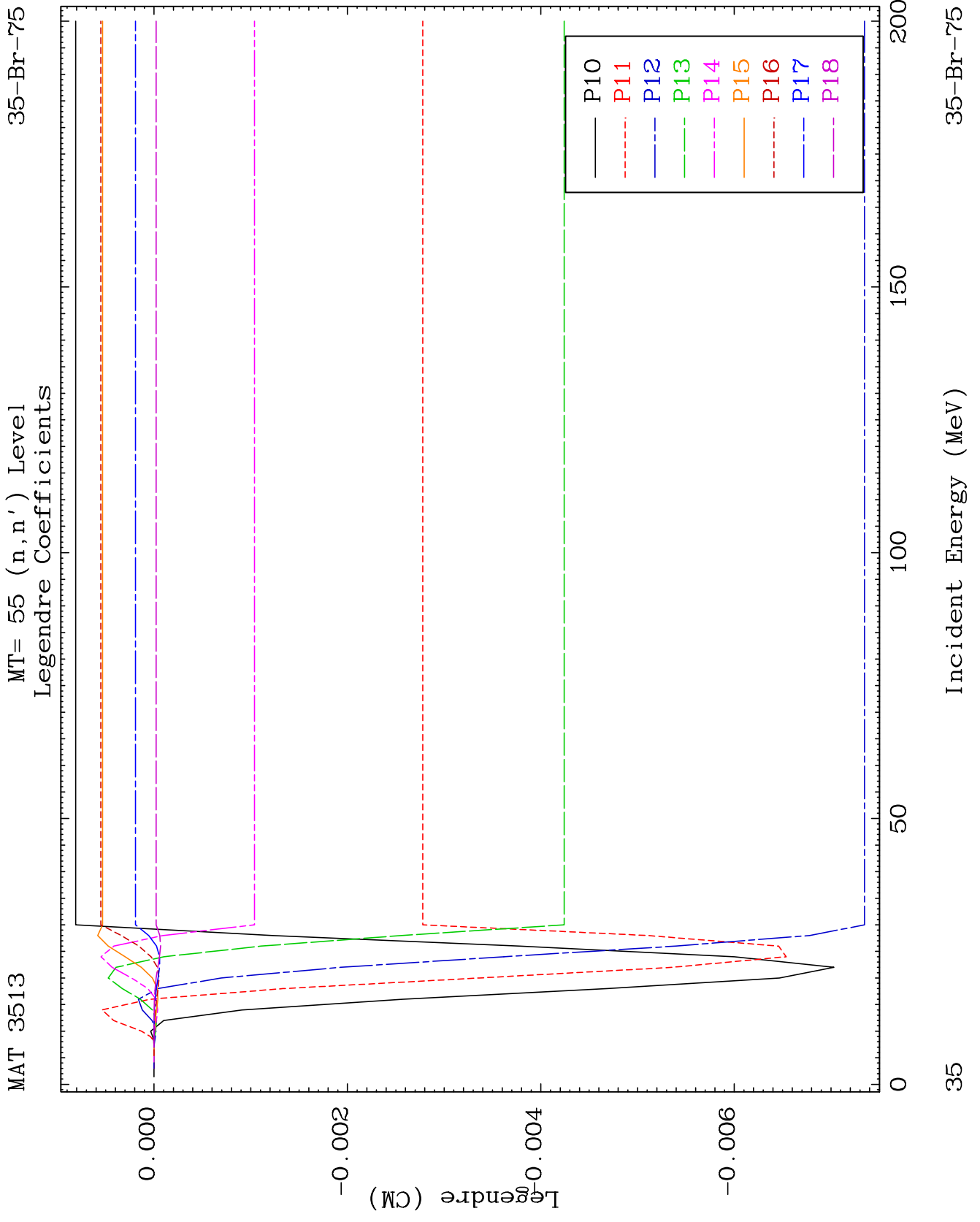
35-Br-75

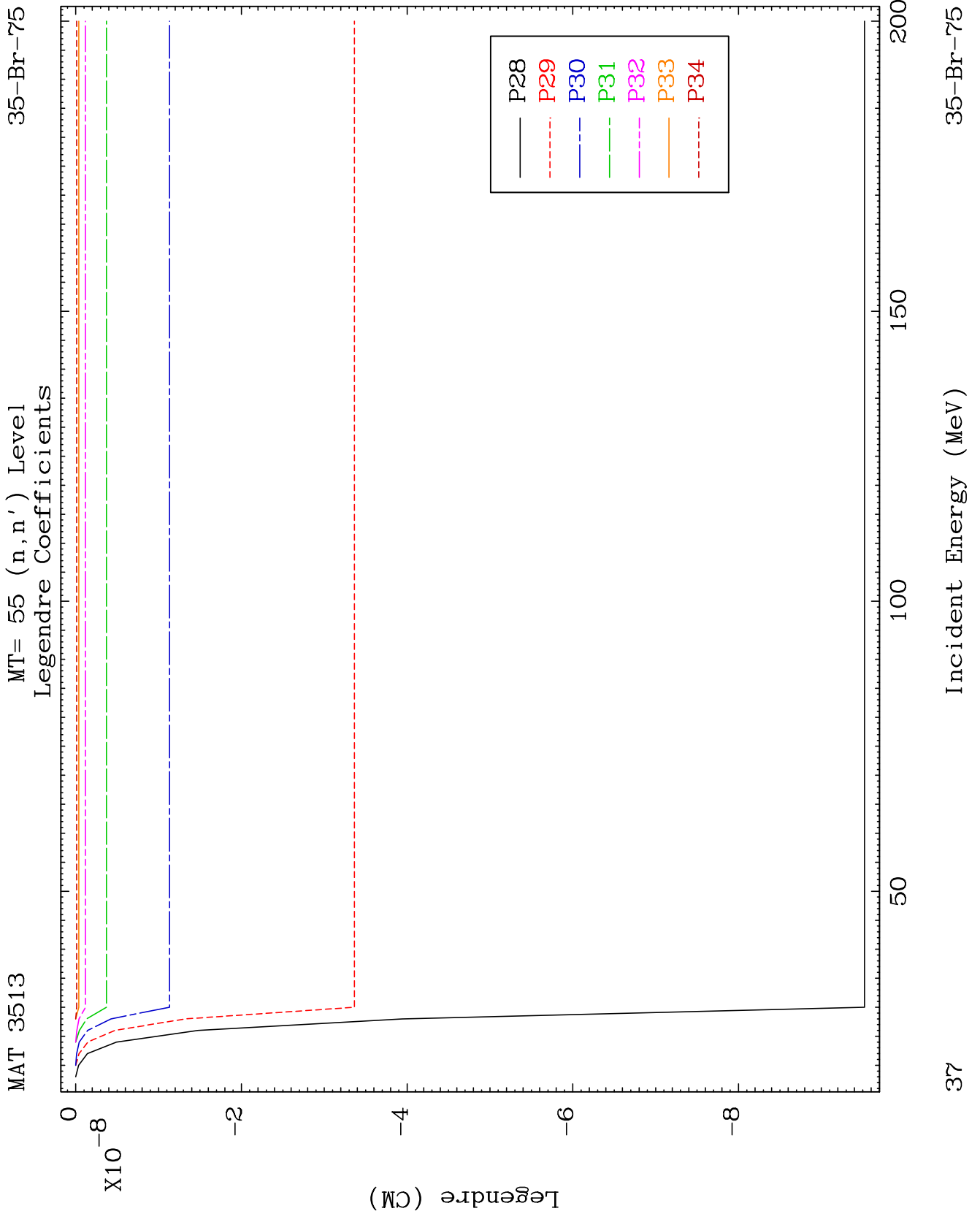


35-Br-75

Incident Energy (MeV)

34

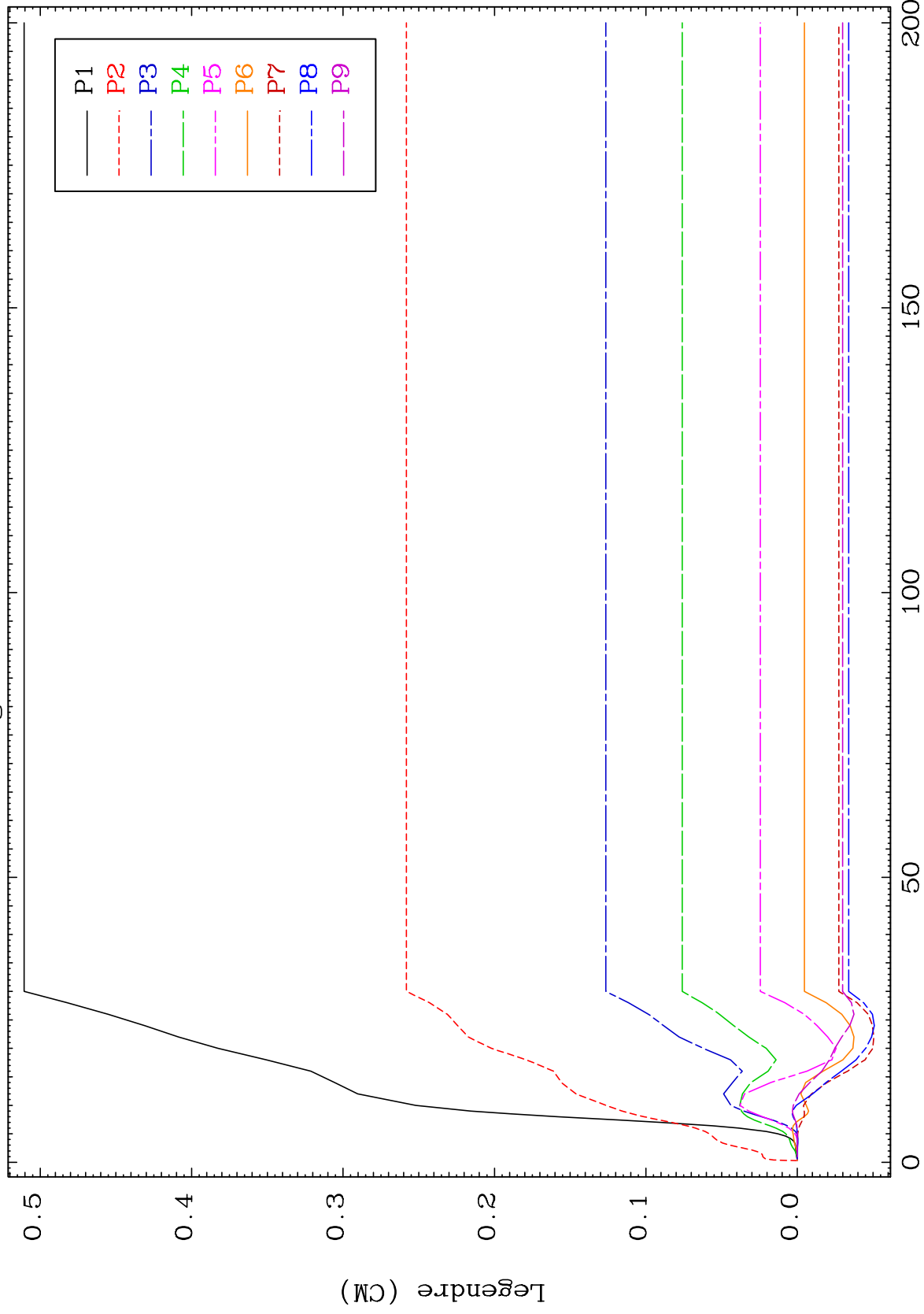




MAT 3513

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

³⁵Br-75



38

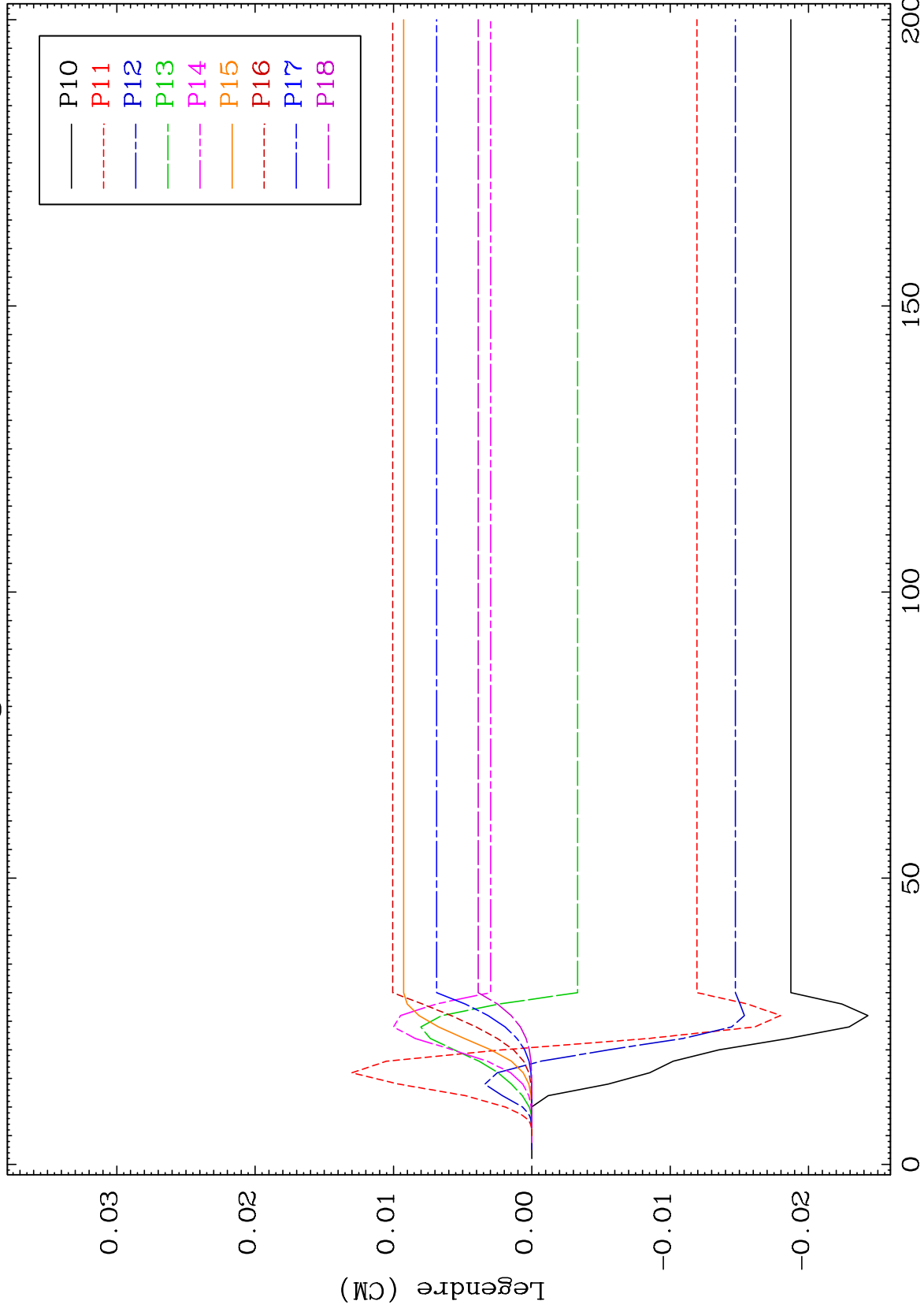
Incident Energy (MeV)

³⁵Br-75

MAT 3513

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

35-Br-75



39

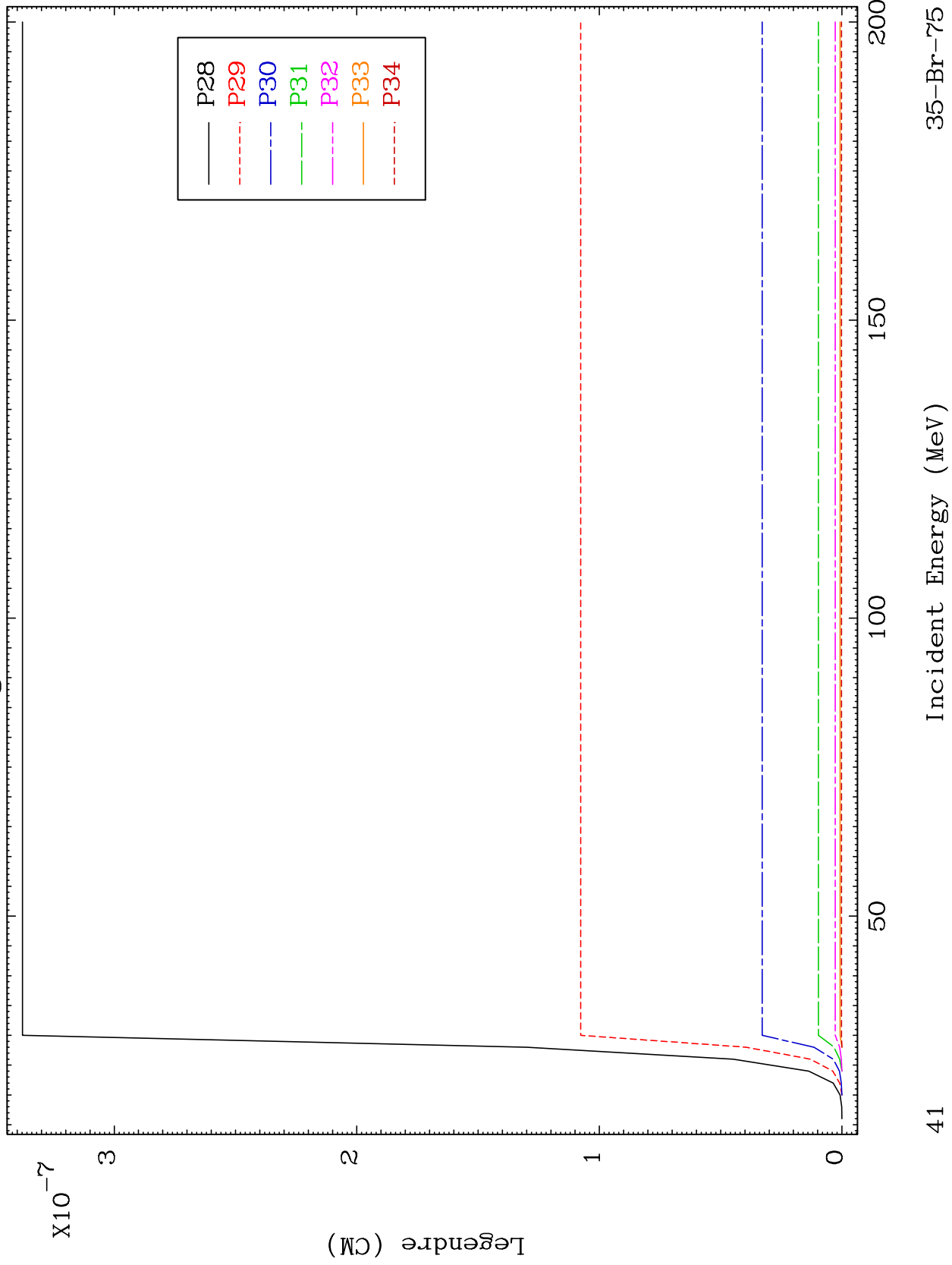
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



41

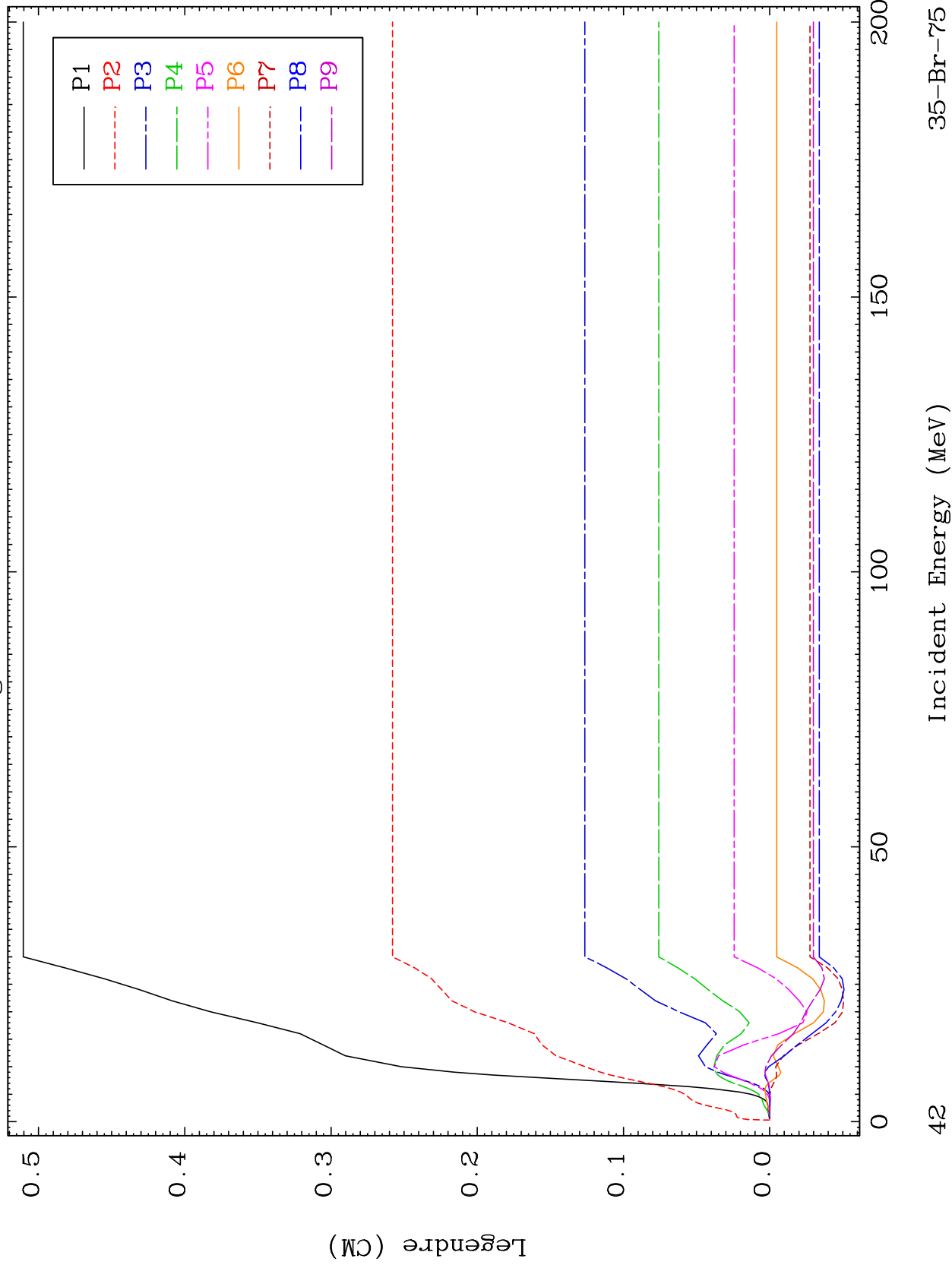
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



42

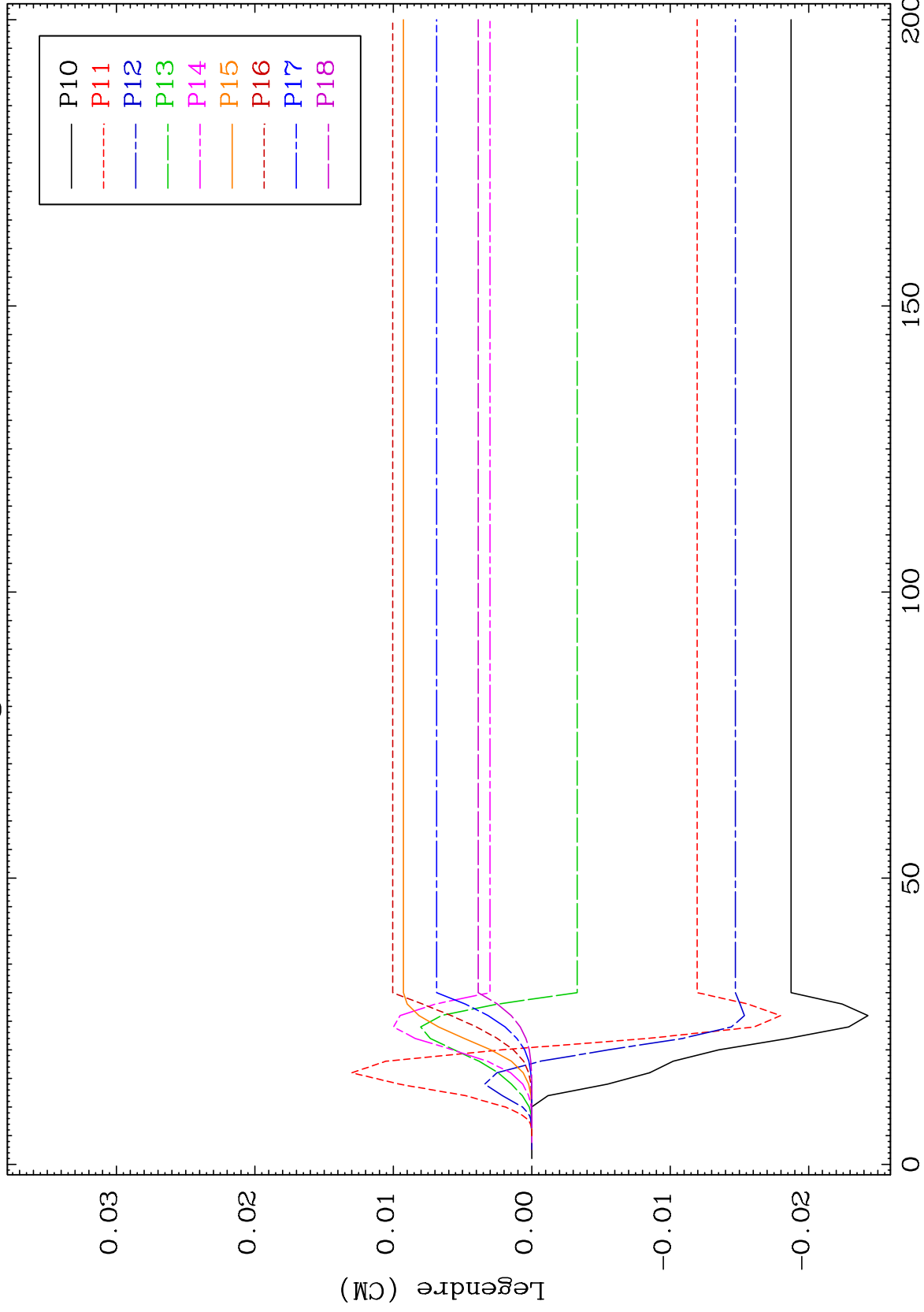
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



43

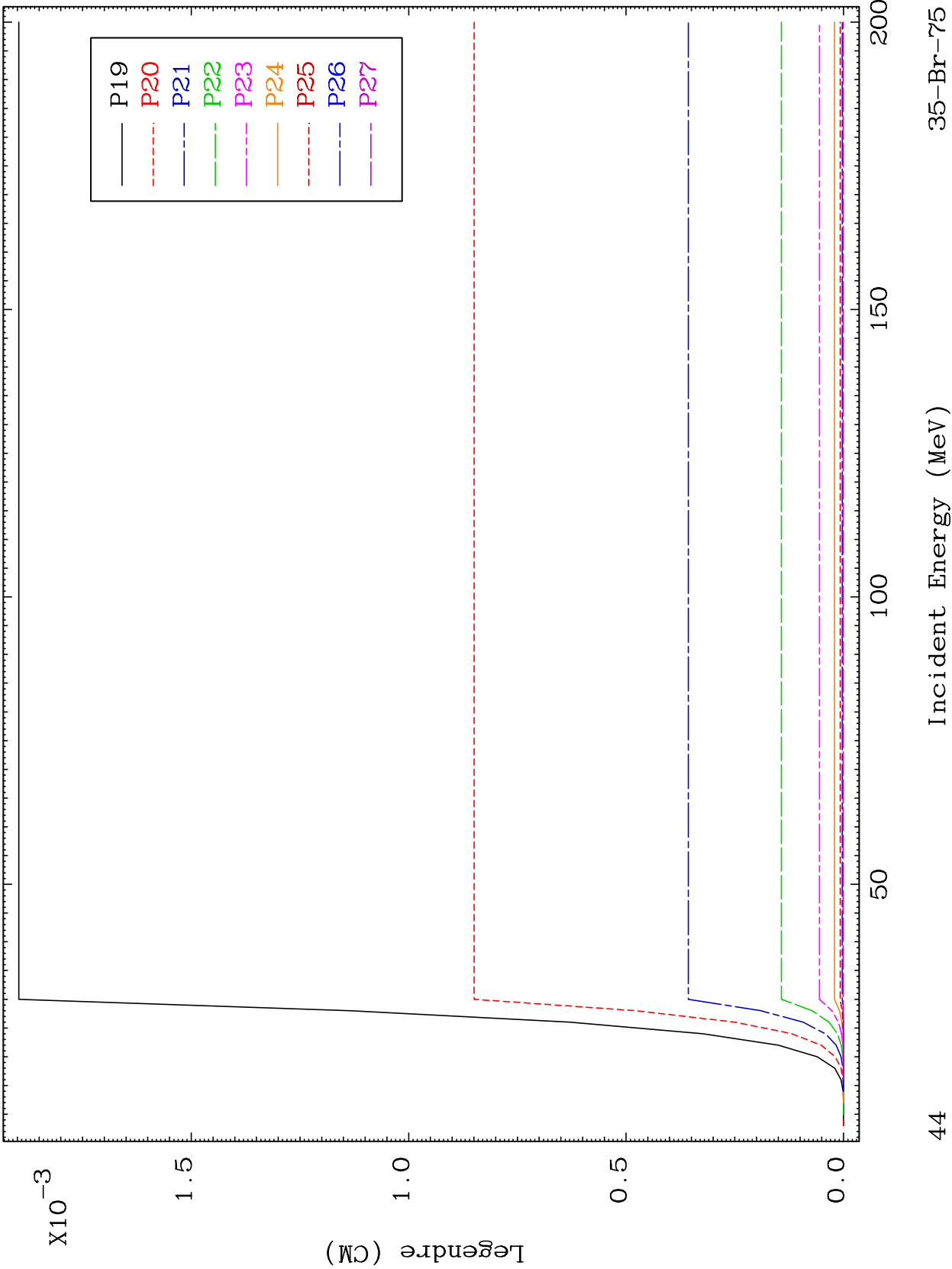
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



44

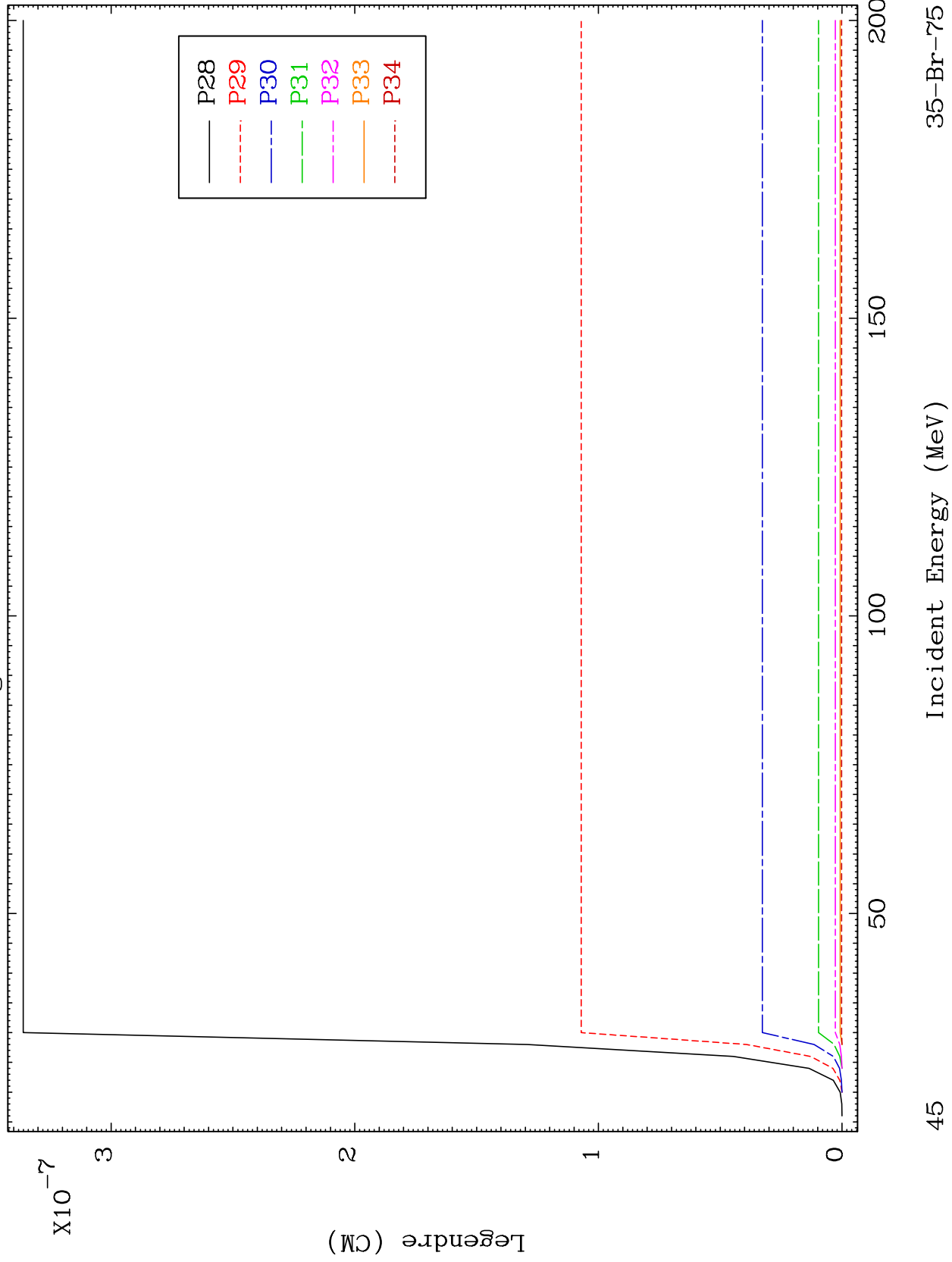
Incident Energy (MeV)

35-Br-75

MAT 3513

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

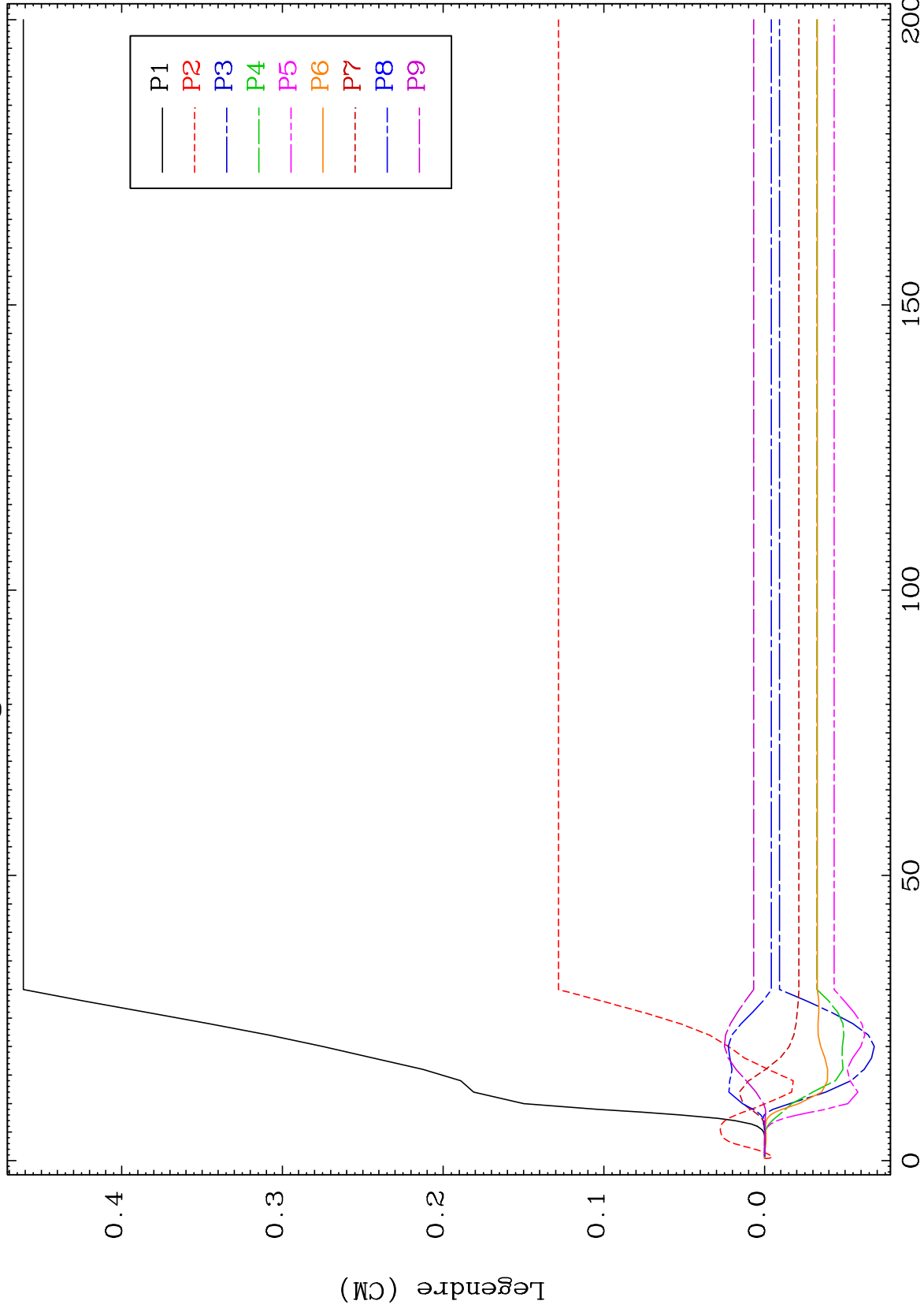
35-Br-75



MAT 3513

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

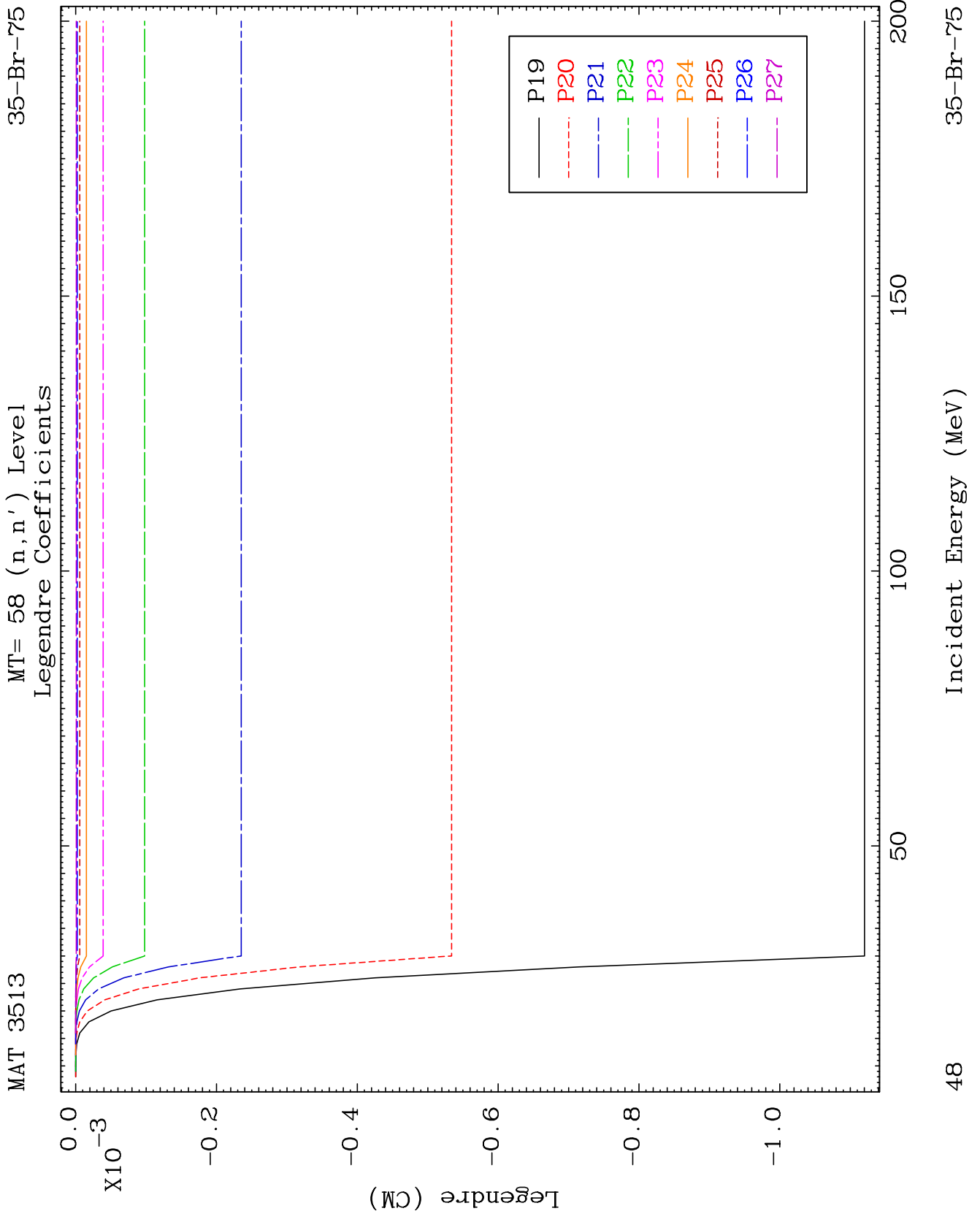
35-Br-75

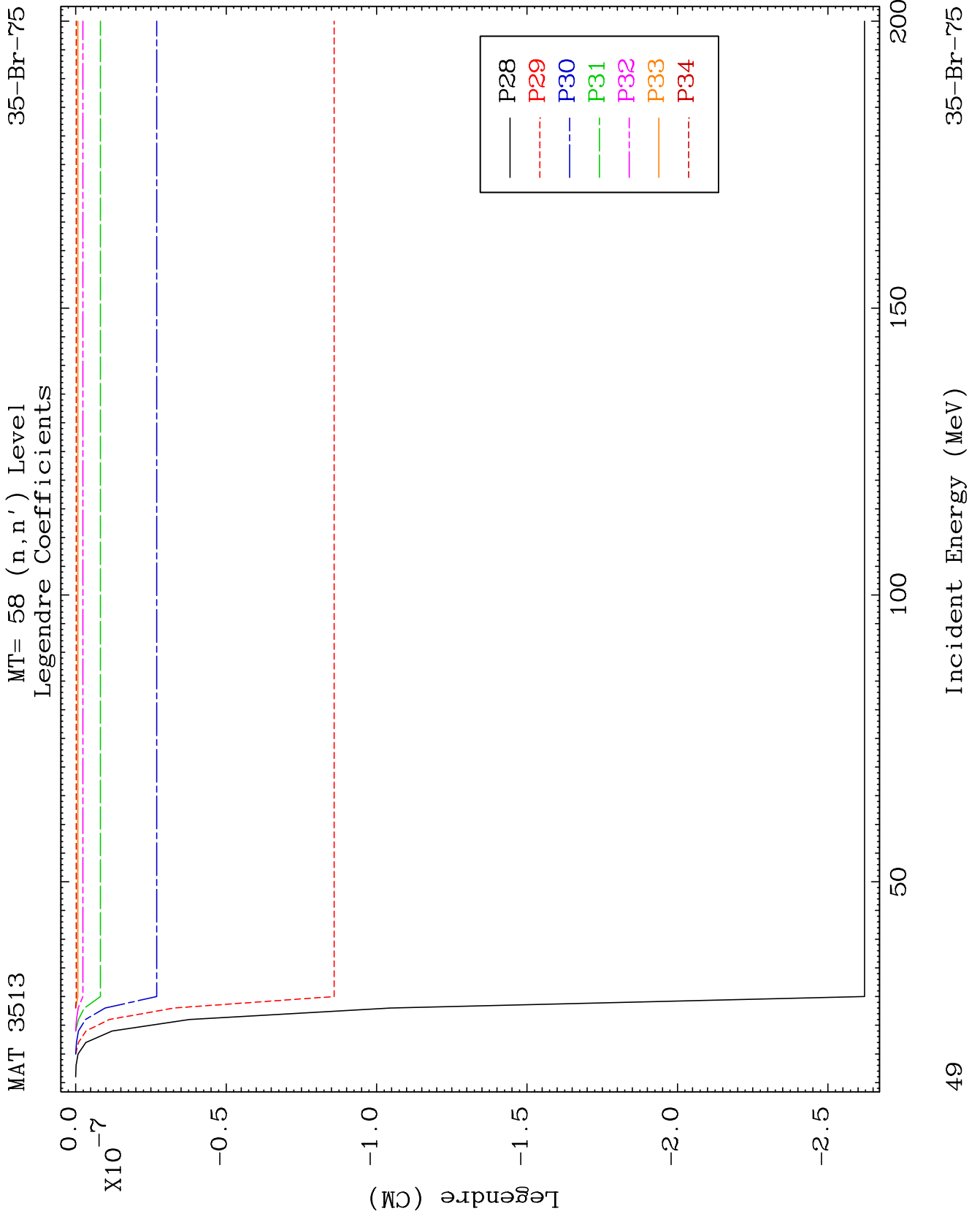


46

Incident Energy (MeV)

35-Br-75



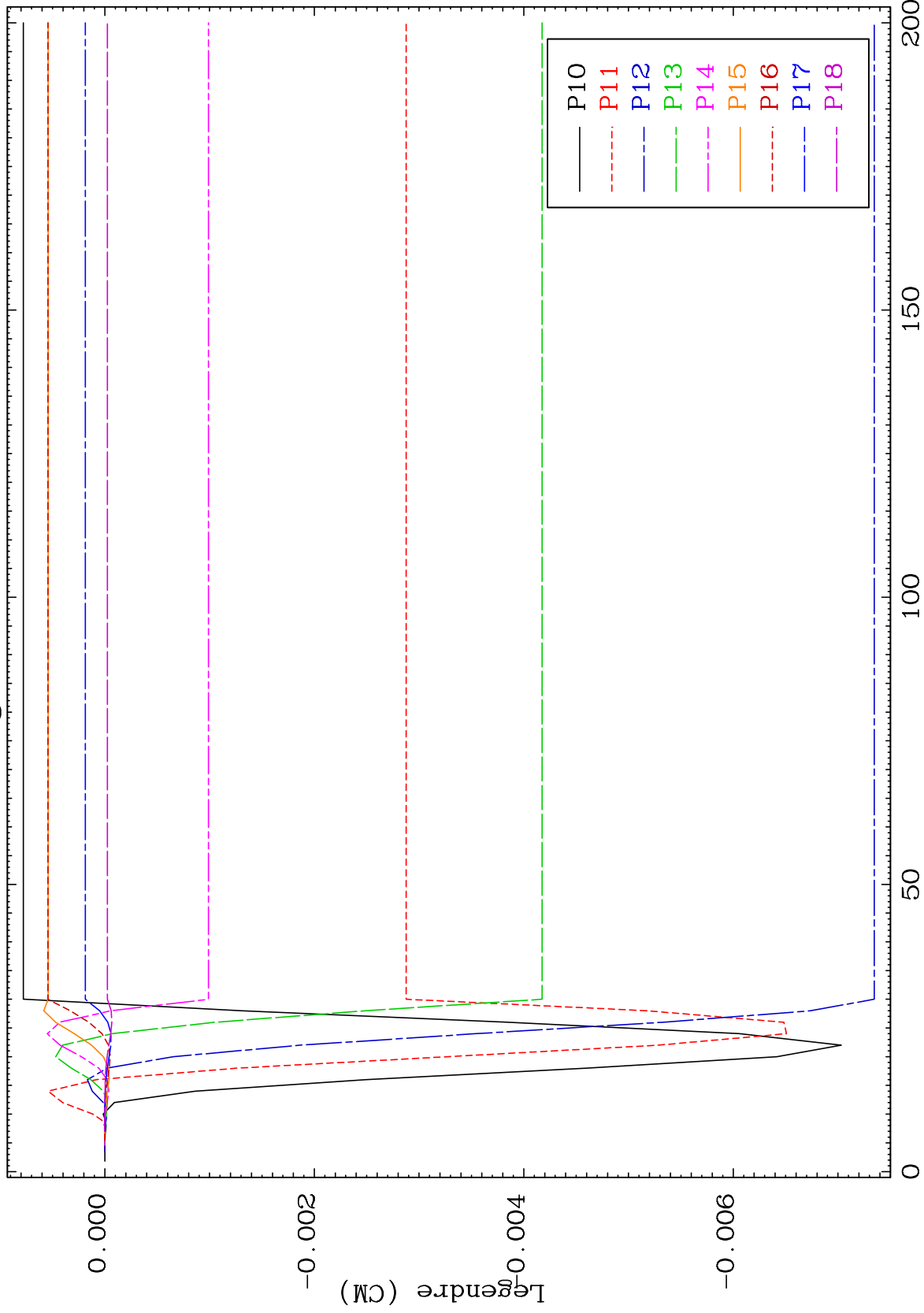


MAT 3513

MT= 59 (n,n') Level

35-Br-75

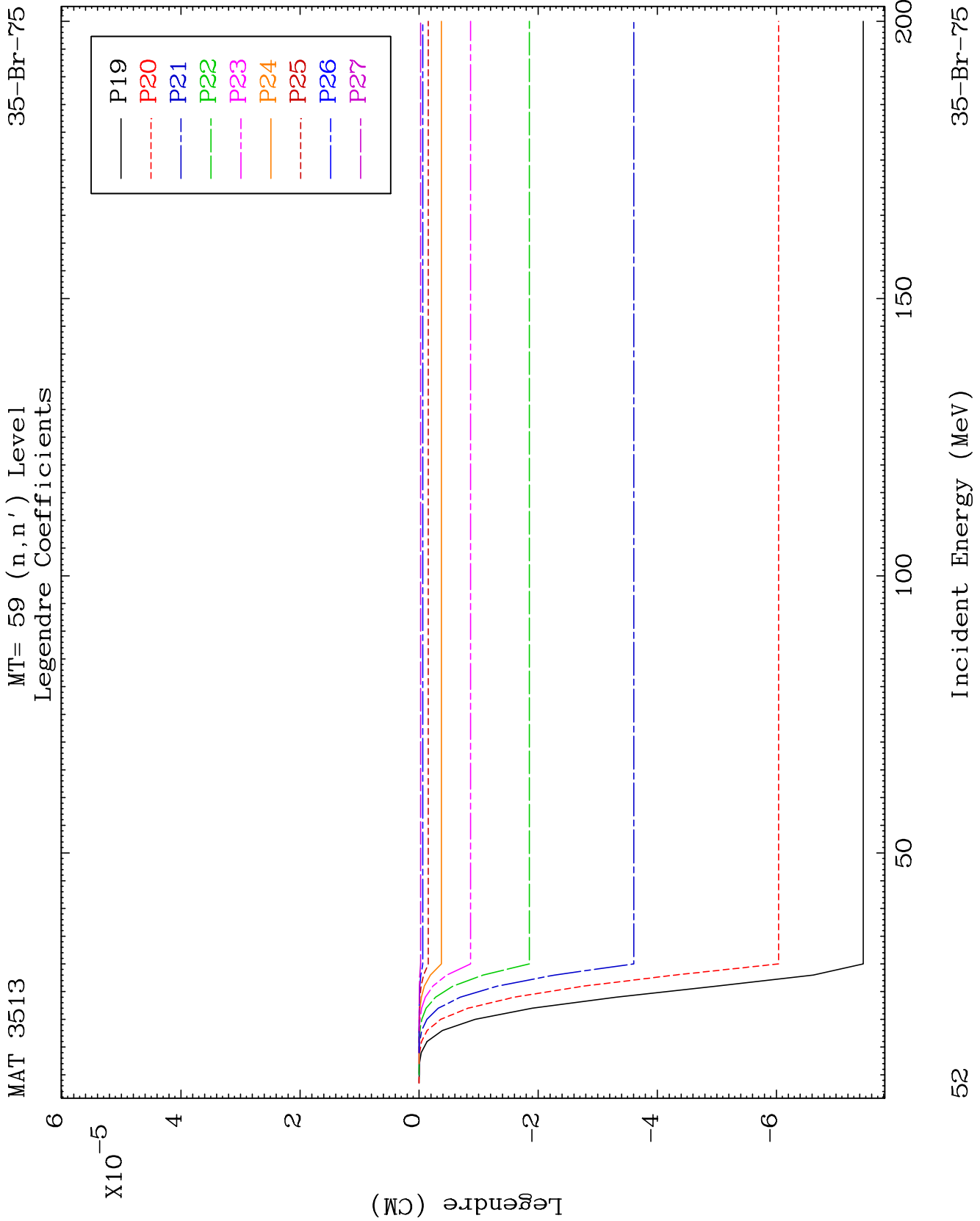
Legendre Coefficients

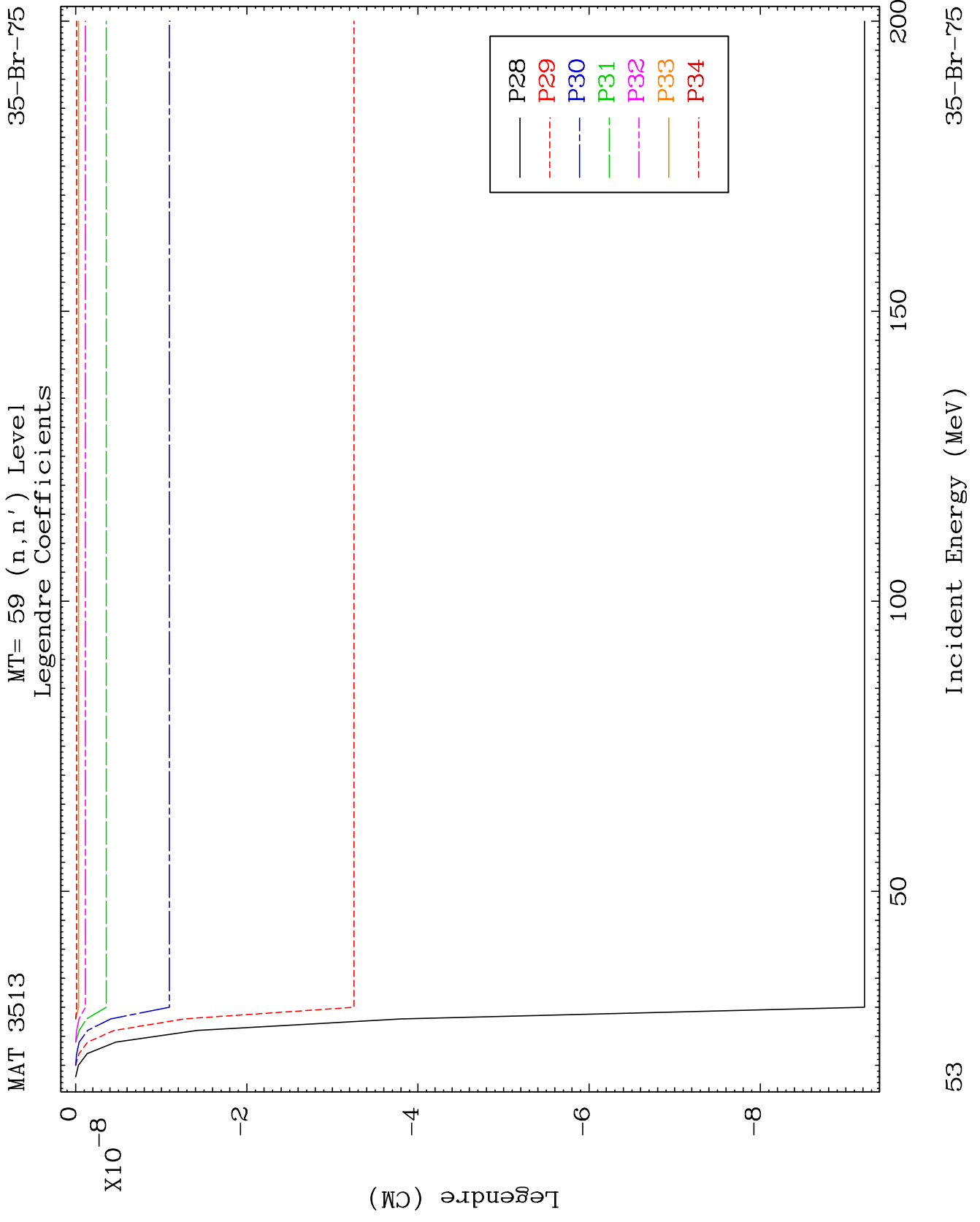


51

Incident Energy (MeV)

35-Br-75

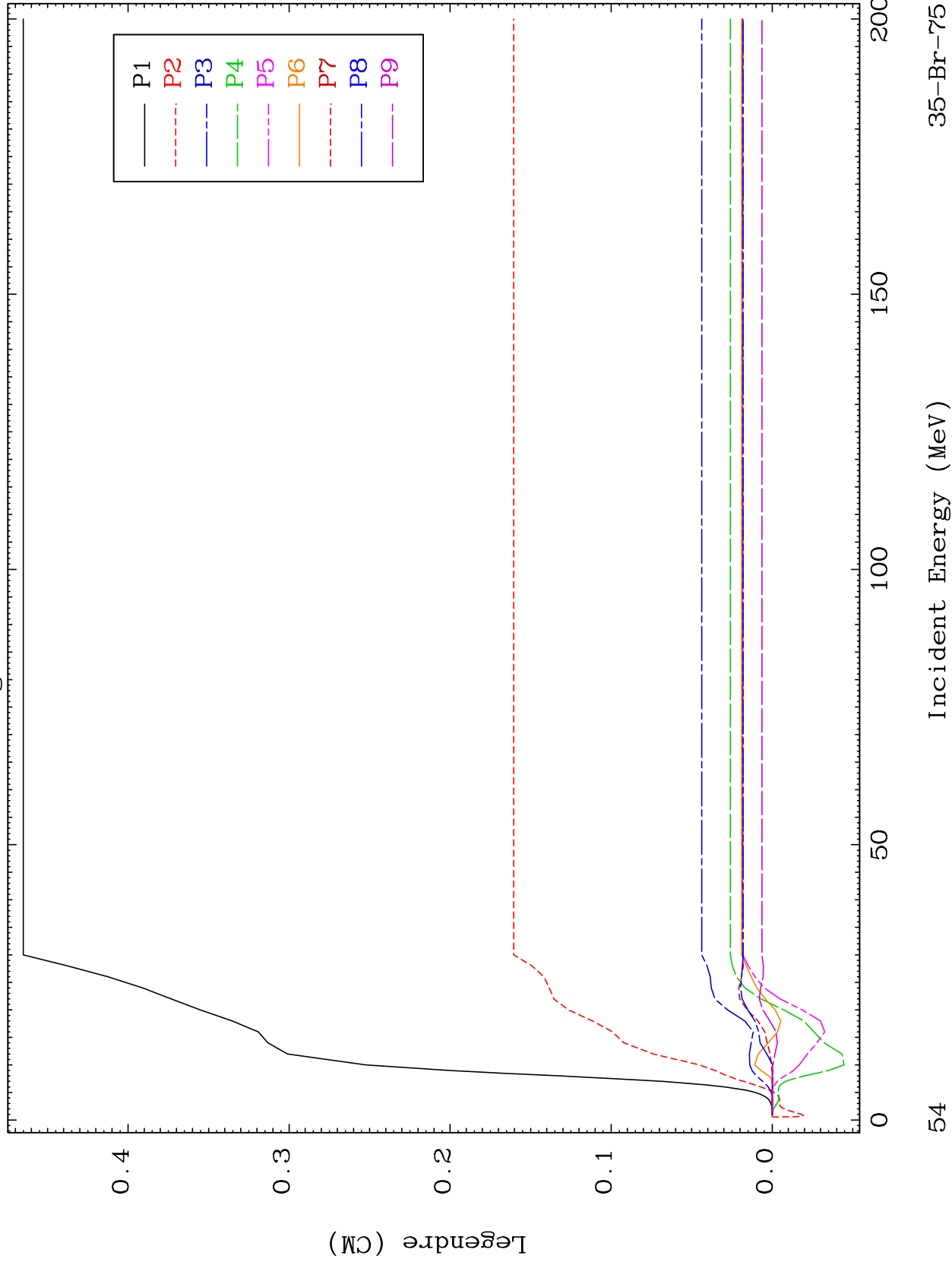




MAT 3513

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

35-Br-75



54

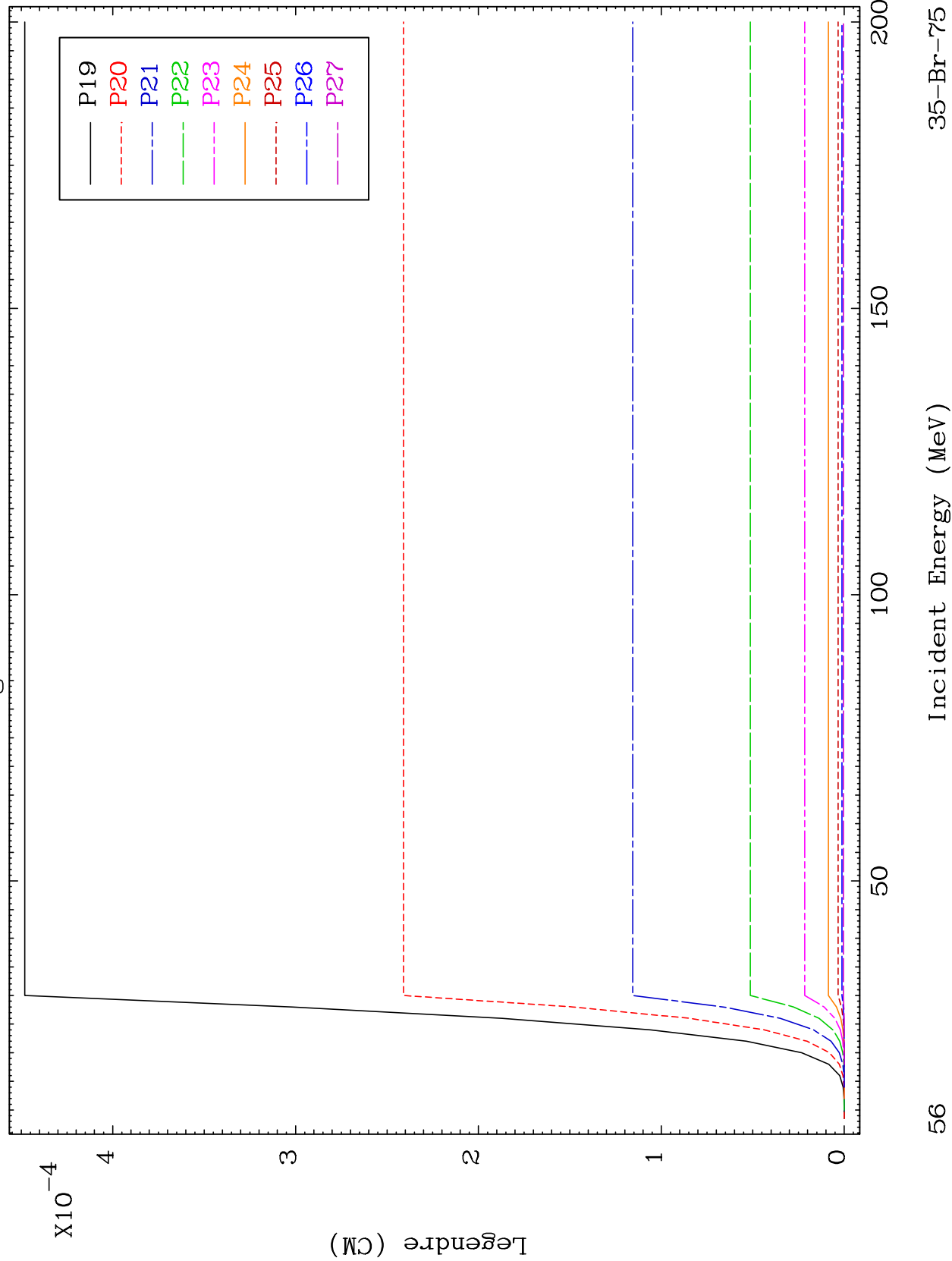
Incident Energy (MeV)

35-Br-75

MAT 3513

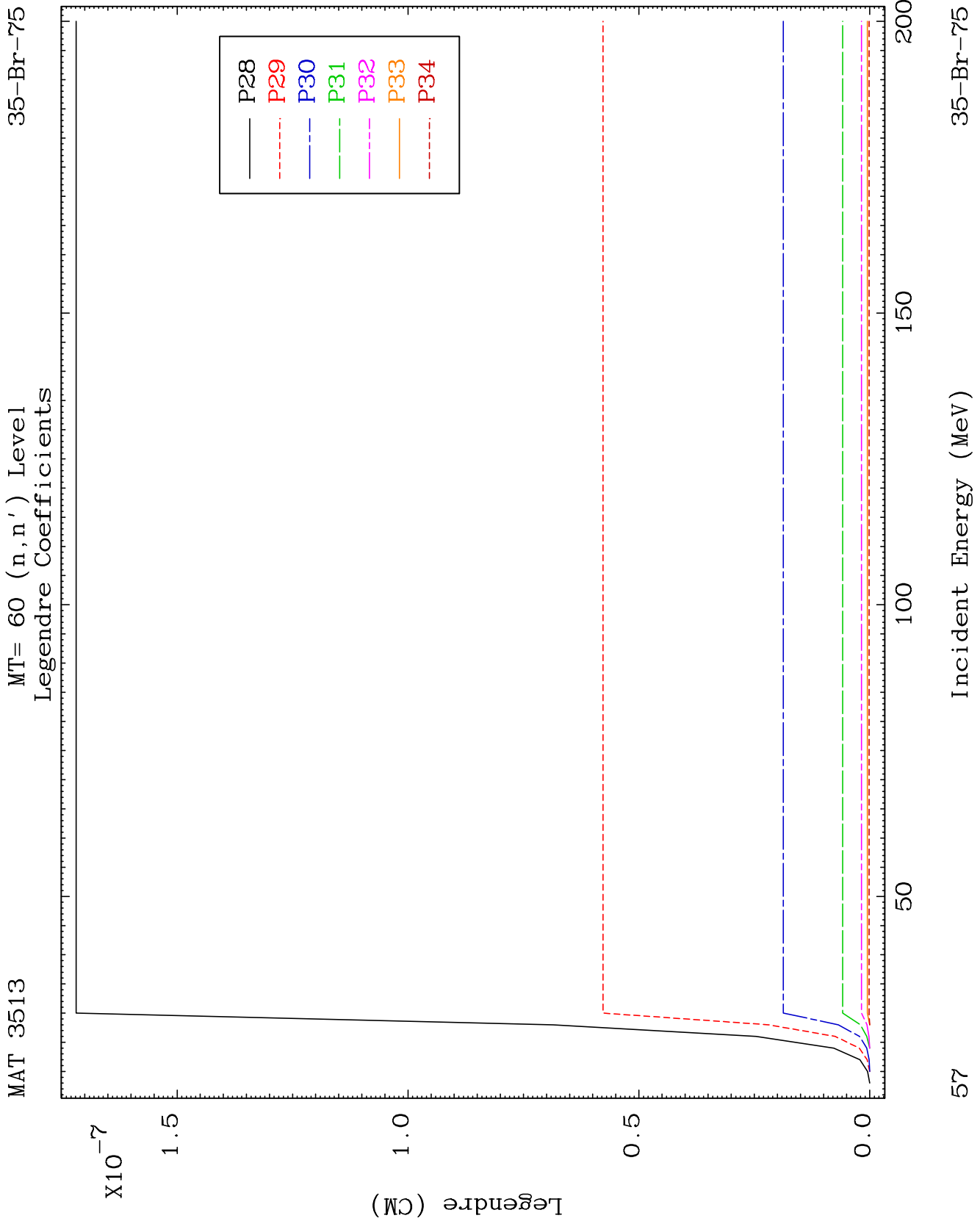
MT= 60 (n,n') Level
Legendre Coefficients

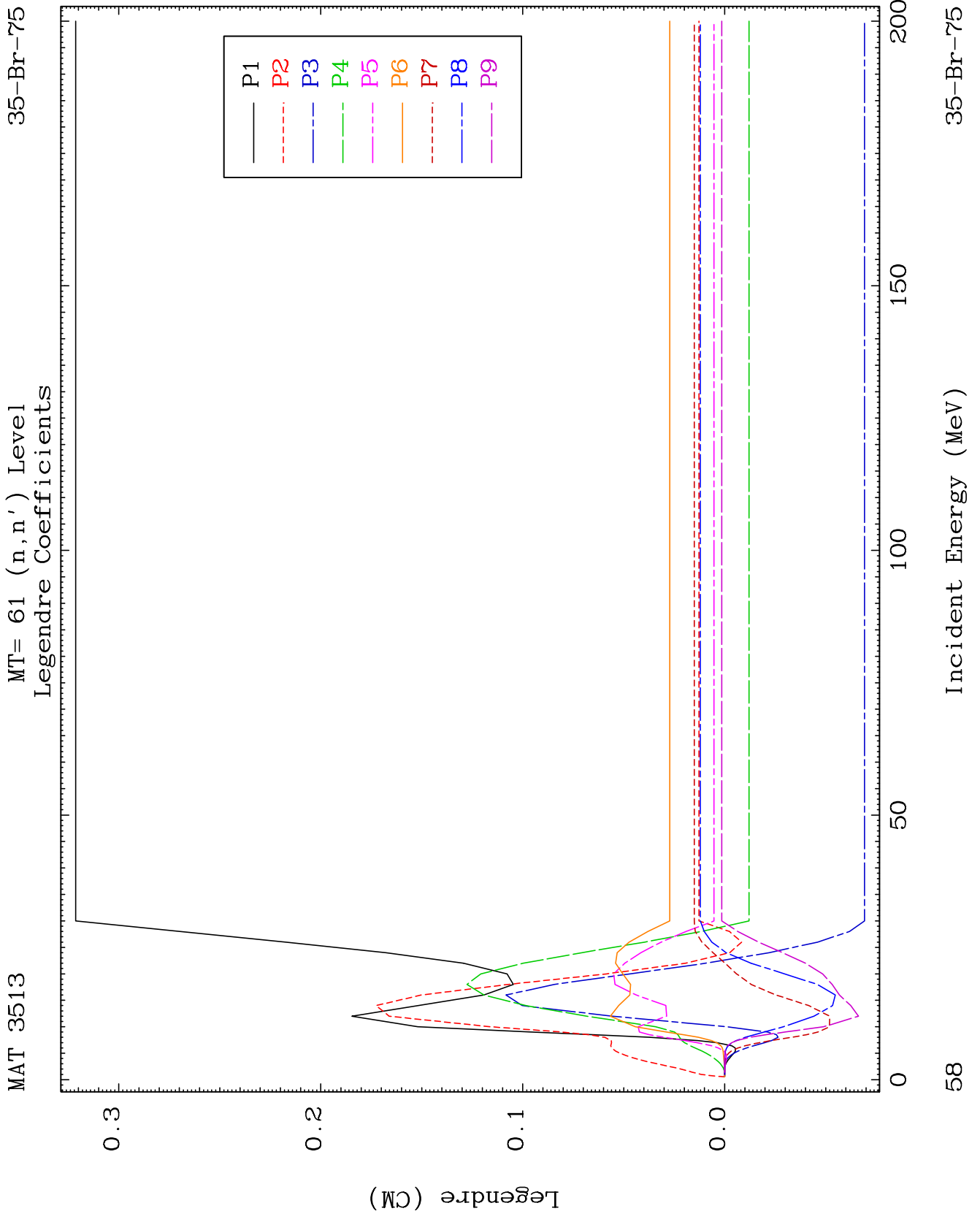
35-Br-75



56

35-Br-75

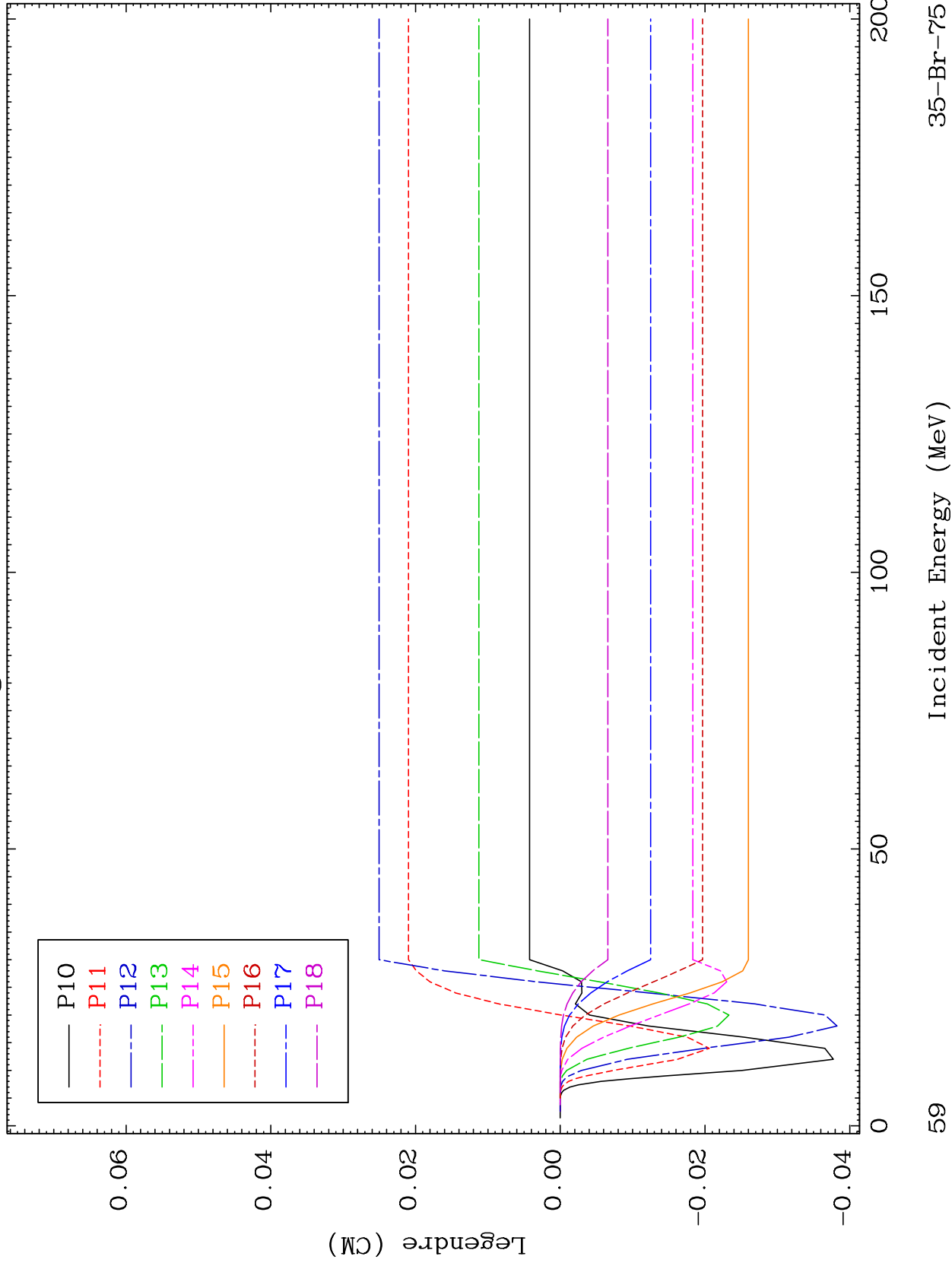




MAT 3513

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

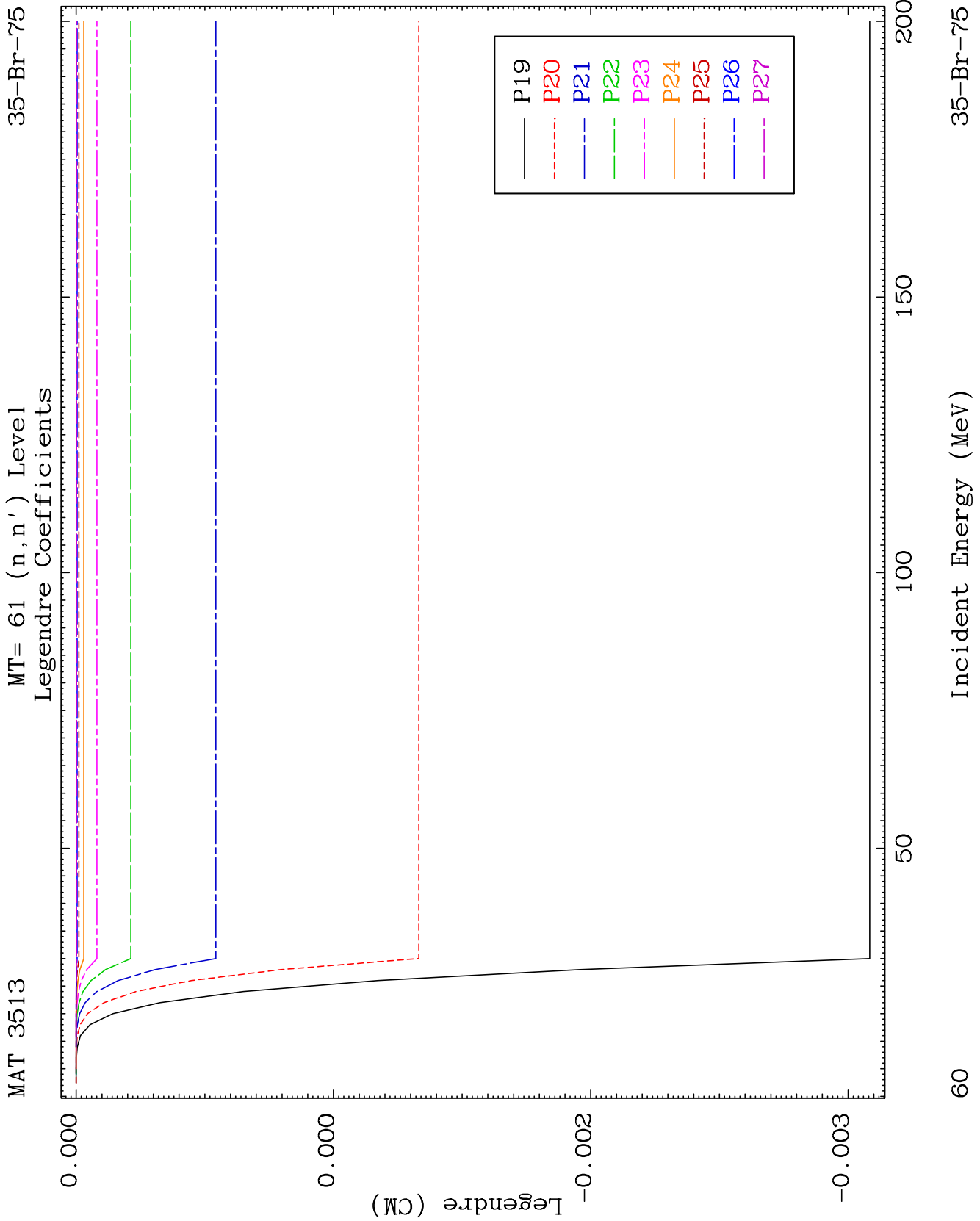
35-Br-75

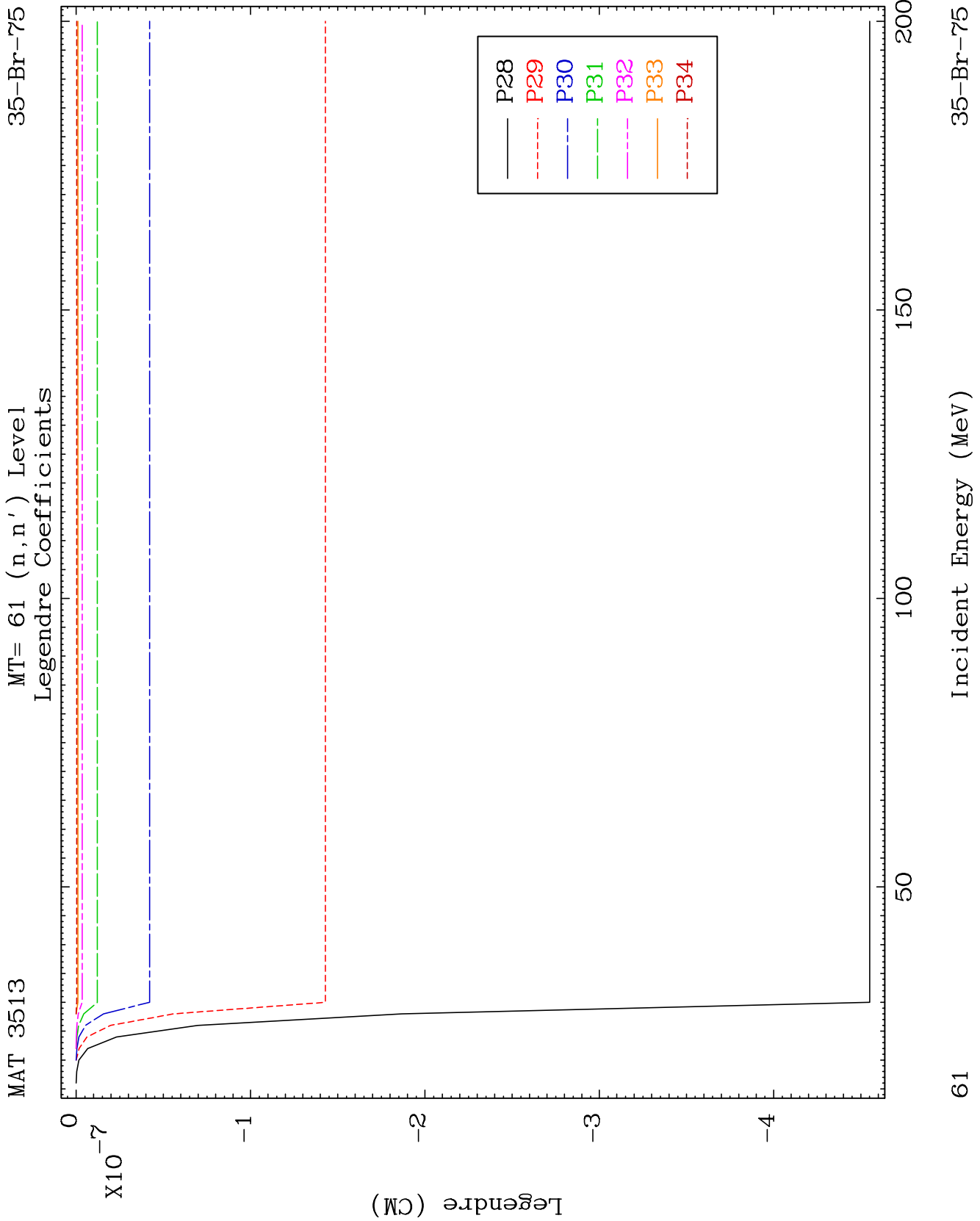


59

Incident Energy (MeV)

35-Br-75

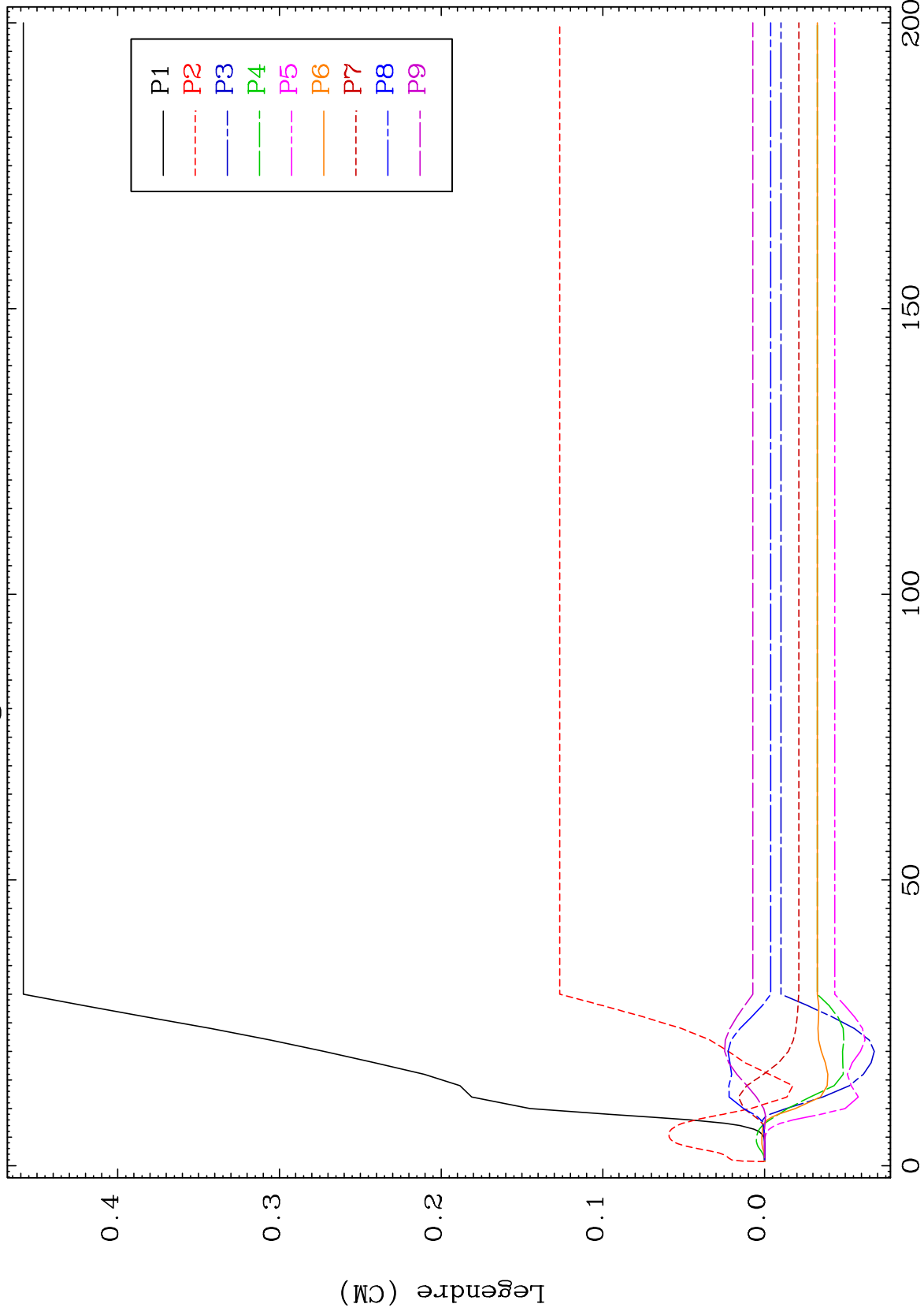




MAT 3513

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

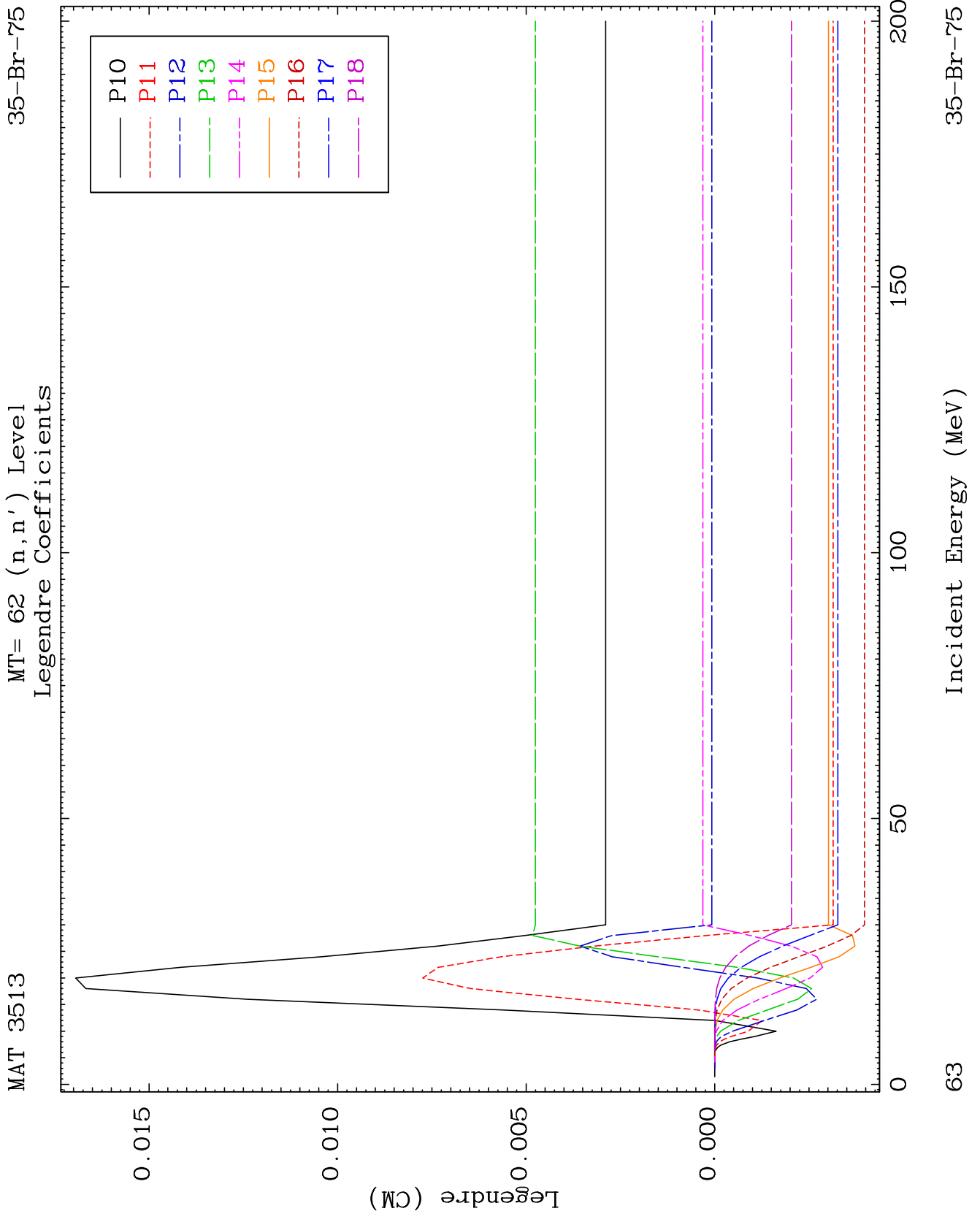
35-Br-75

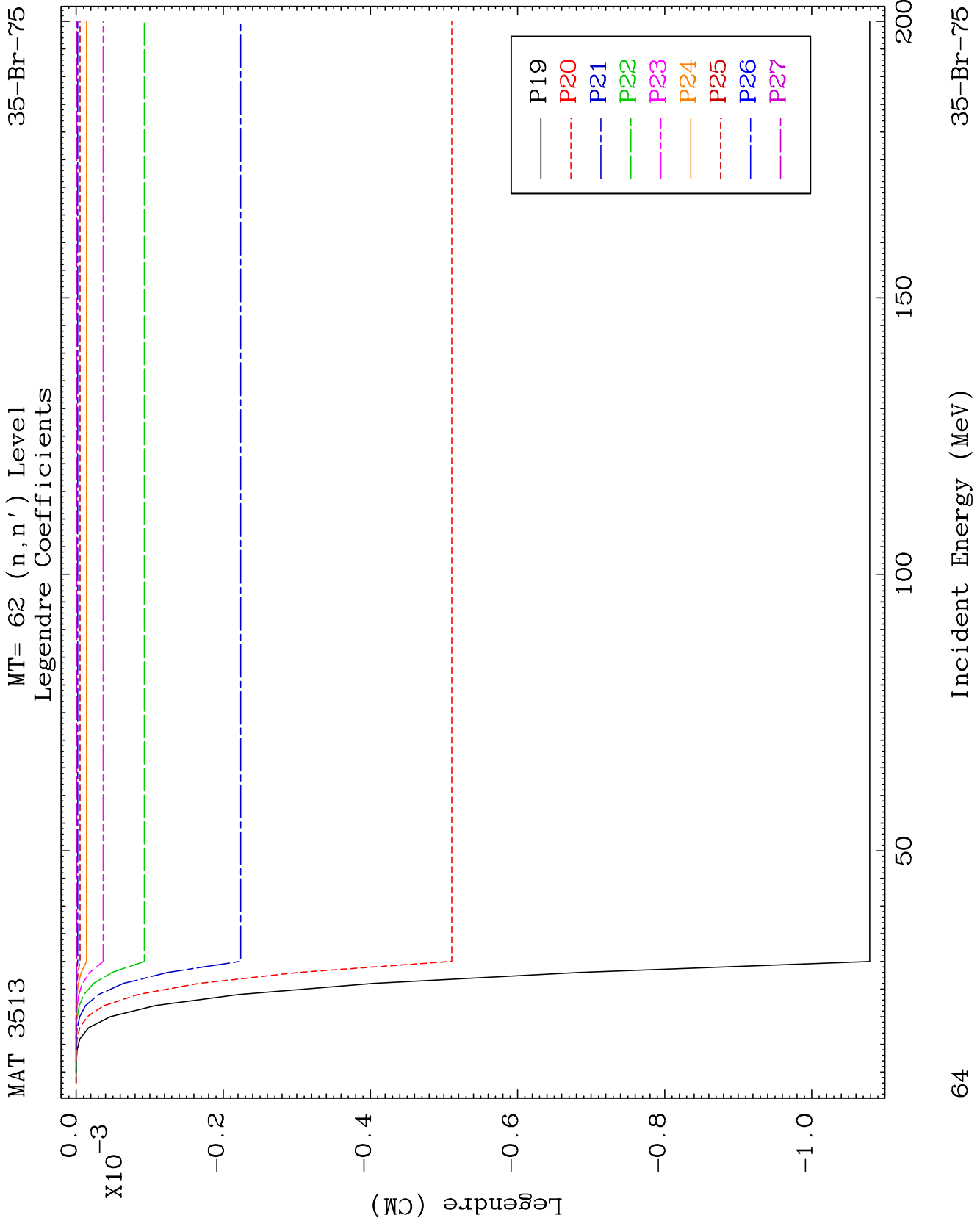


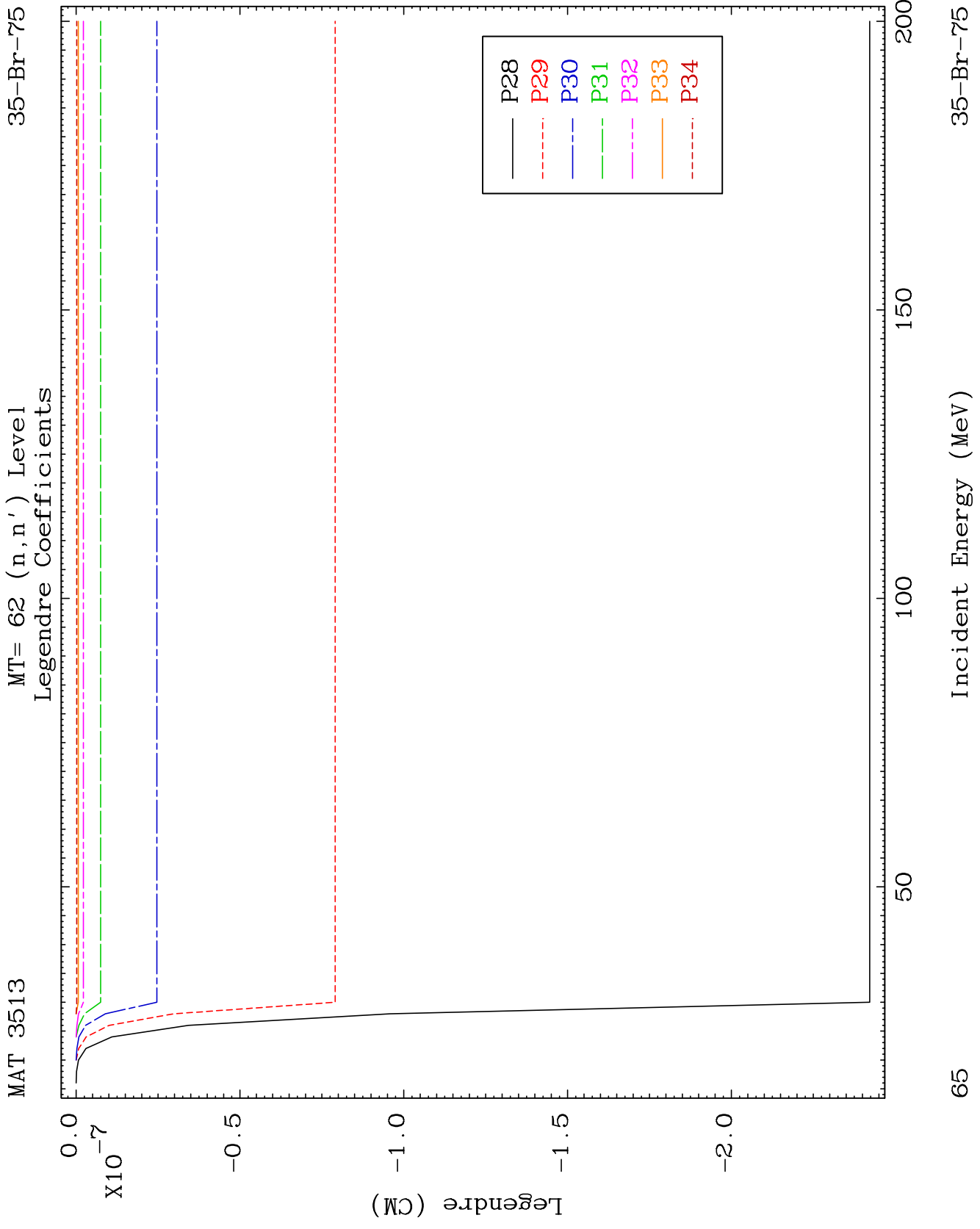
35-Br-75

Incident Energy (MeV)

62



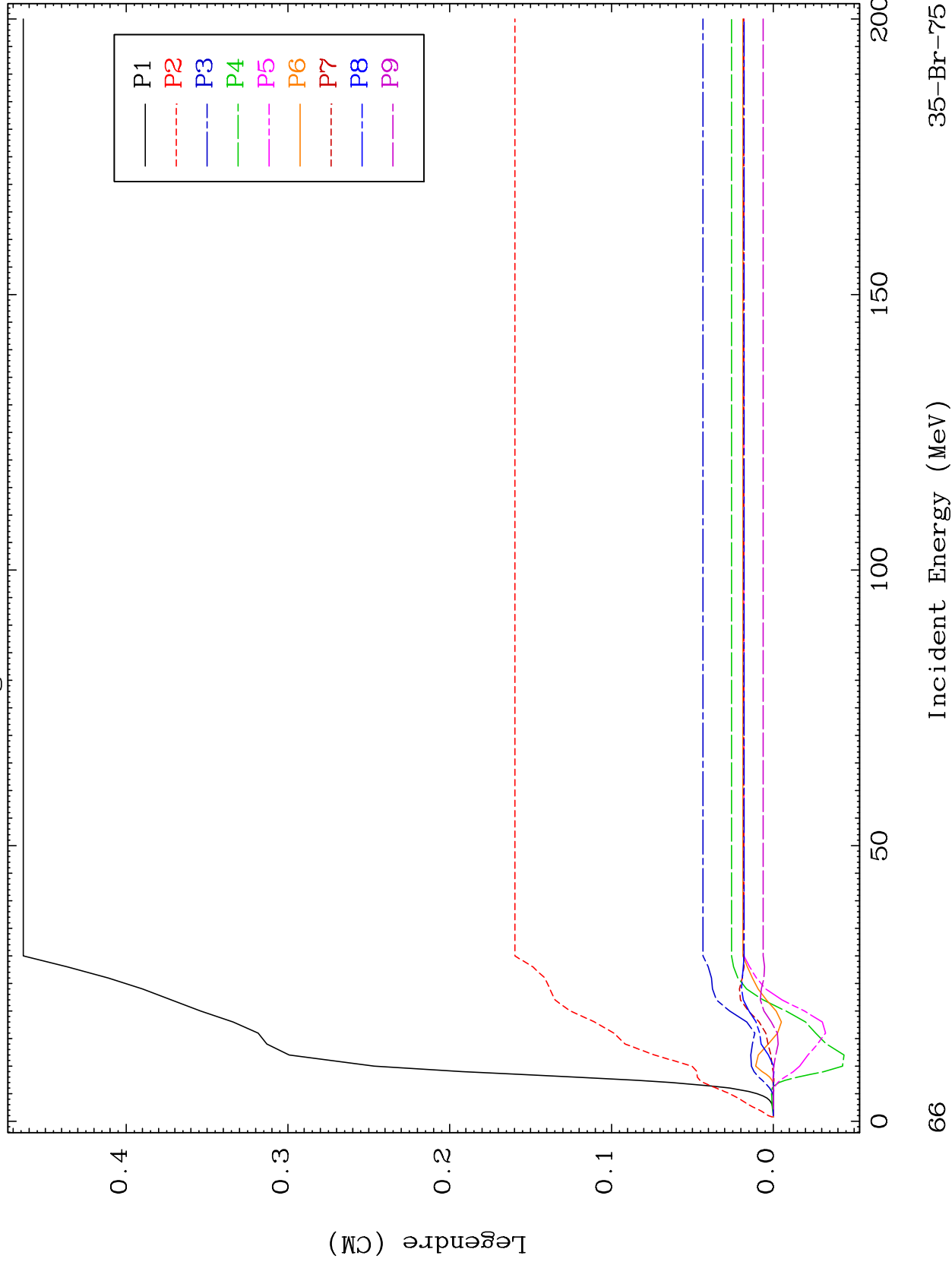




MAT 3513

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

35-Br-75



35-Br-75

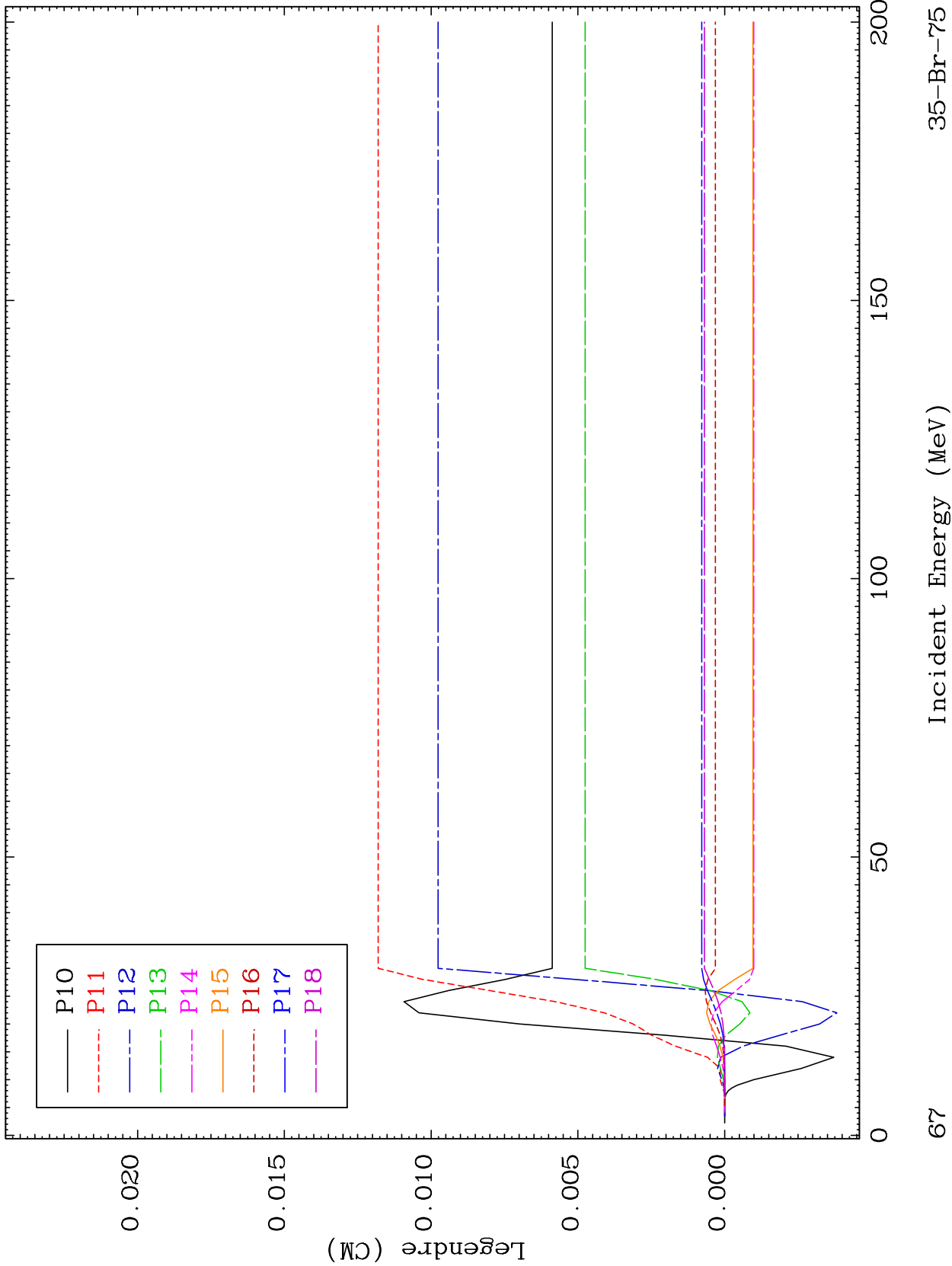
Incident Energy (MeV)

66

MAT 3513

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

35-Br-75



67

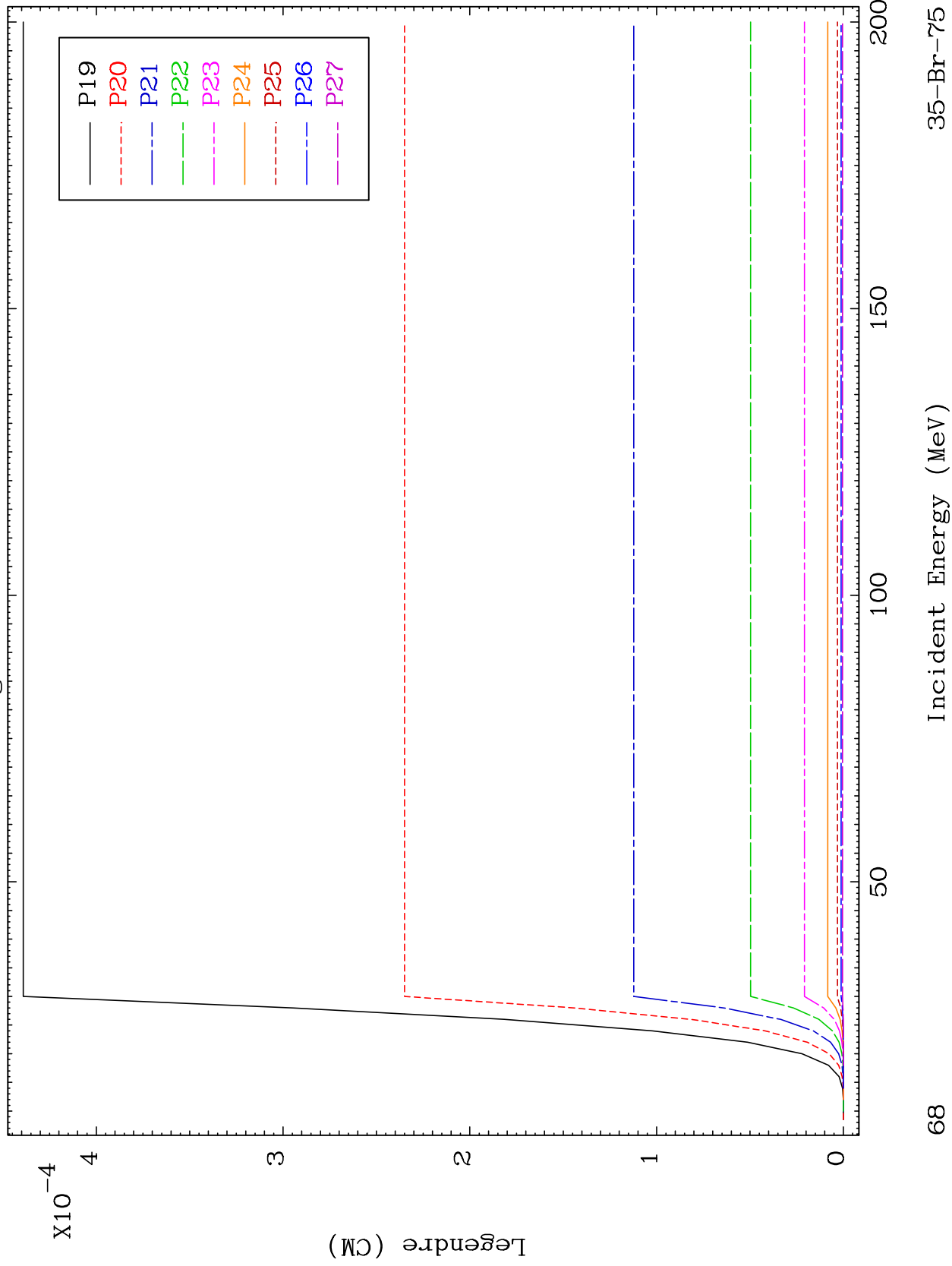
Incident Energy (MeV)

35-Br-75

MAT 3513

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

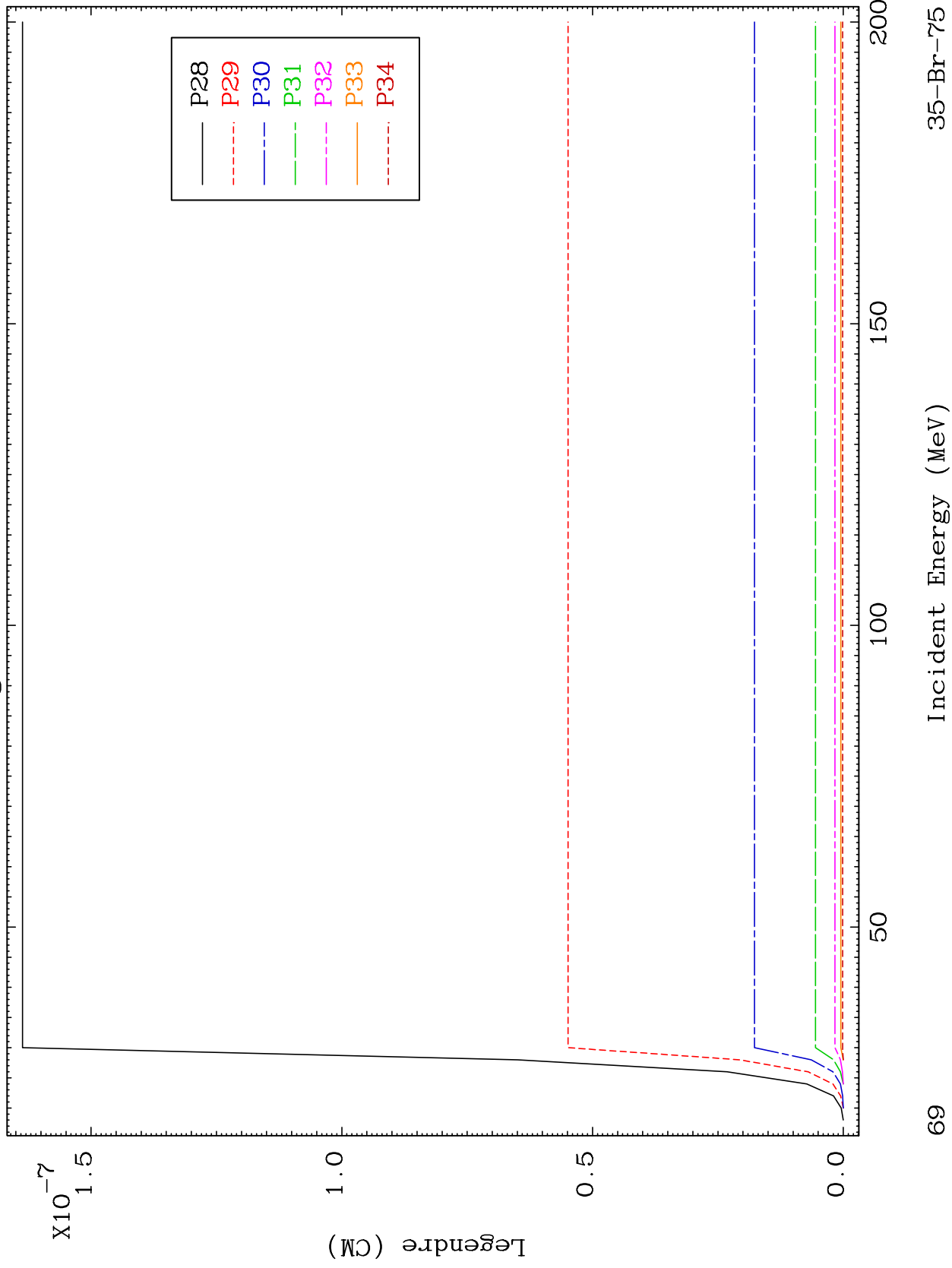
35-Br-75



MAT 3513

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

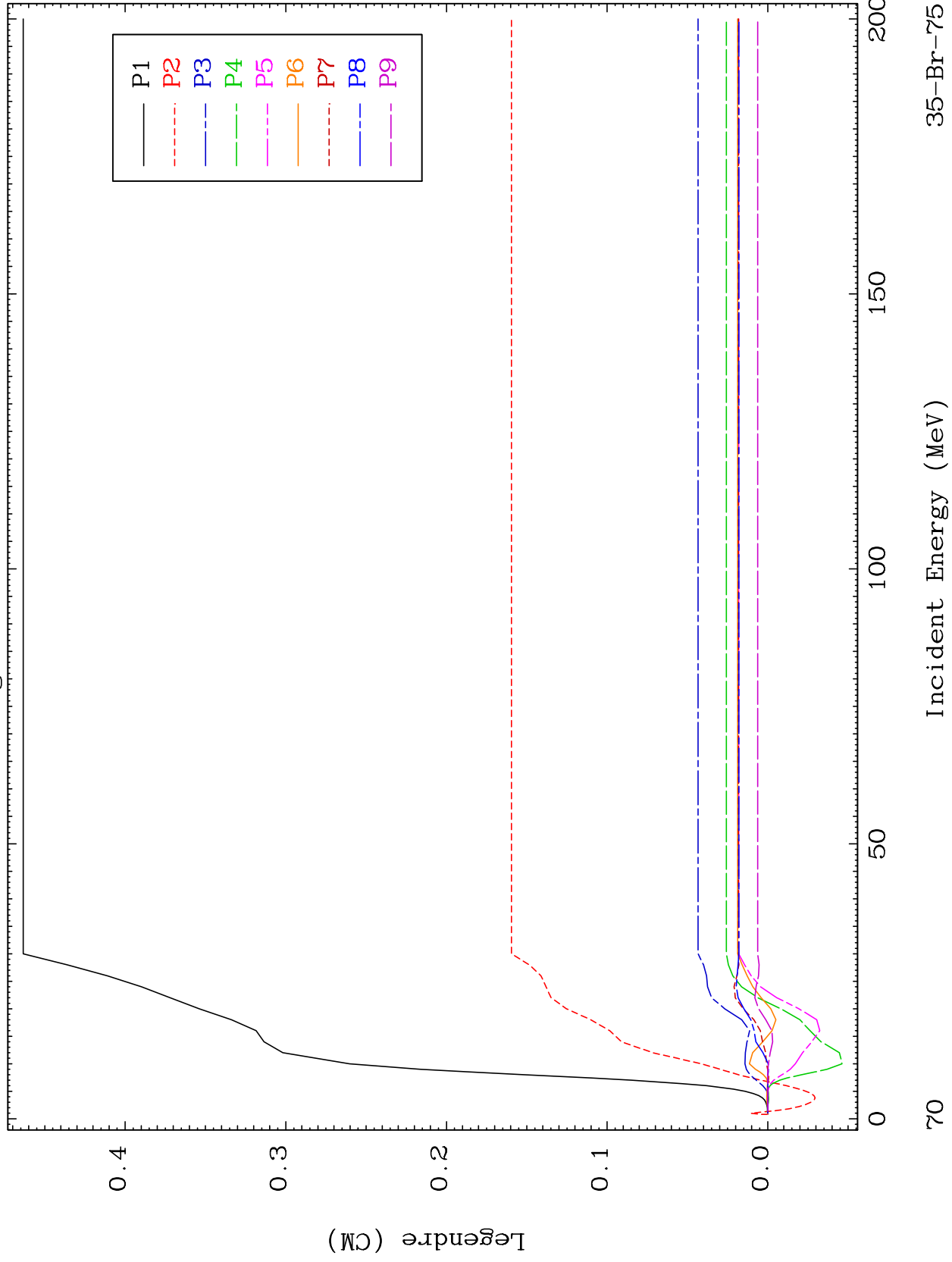
35-Br-75



MAT 3513

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

35-Br-75



35-Br-75

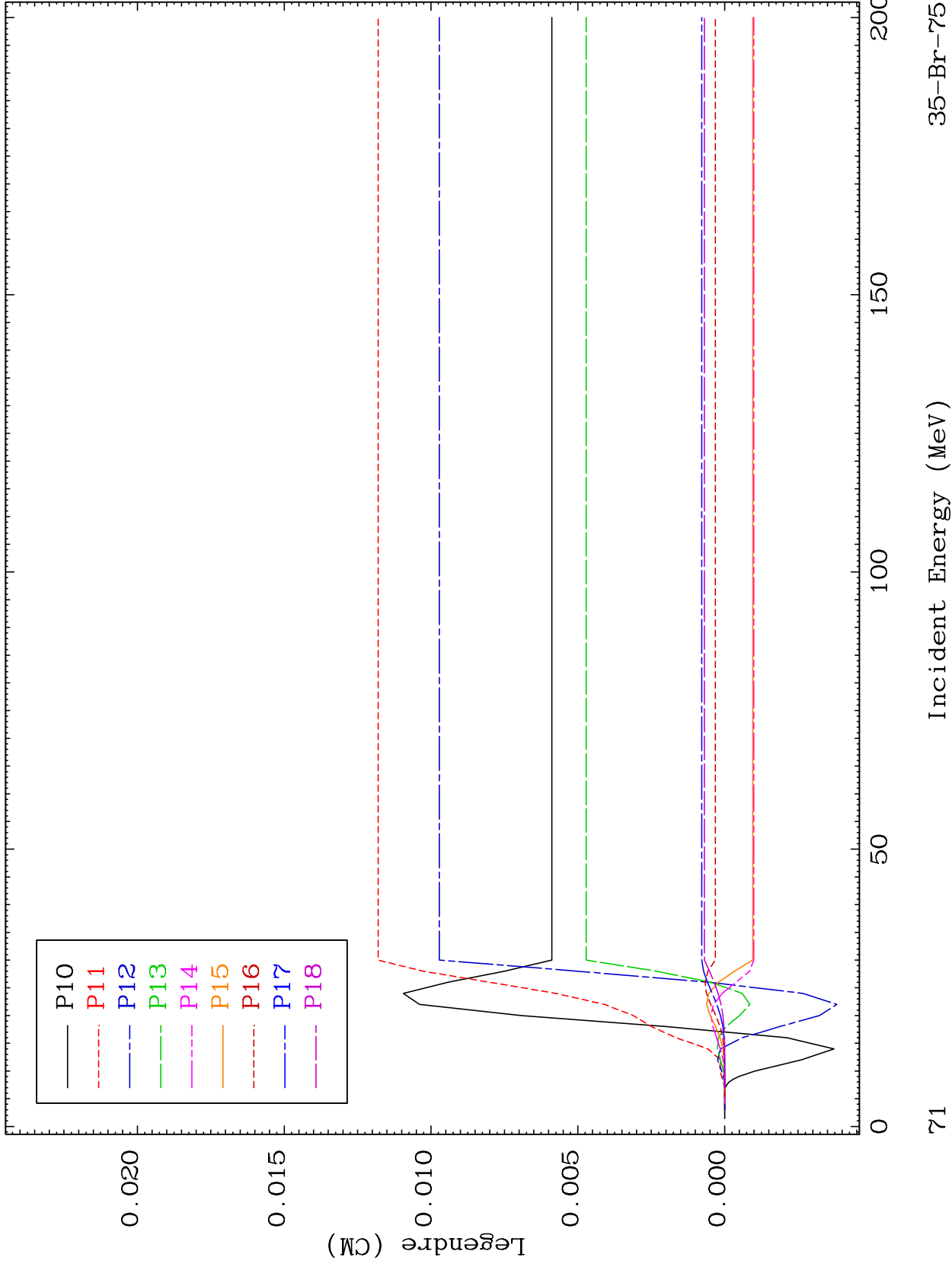
Incident Energy (MeV)

70

MAT 3513

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

35-Br-75



71

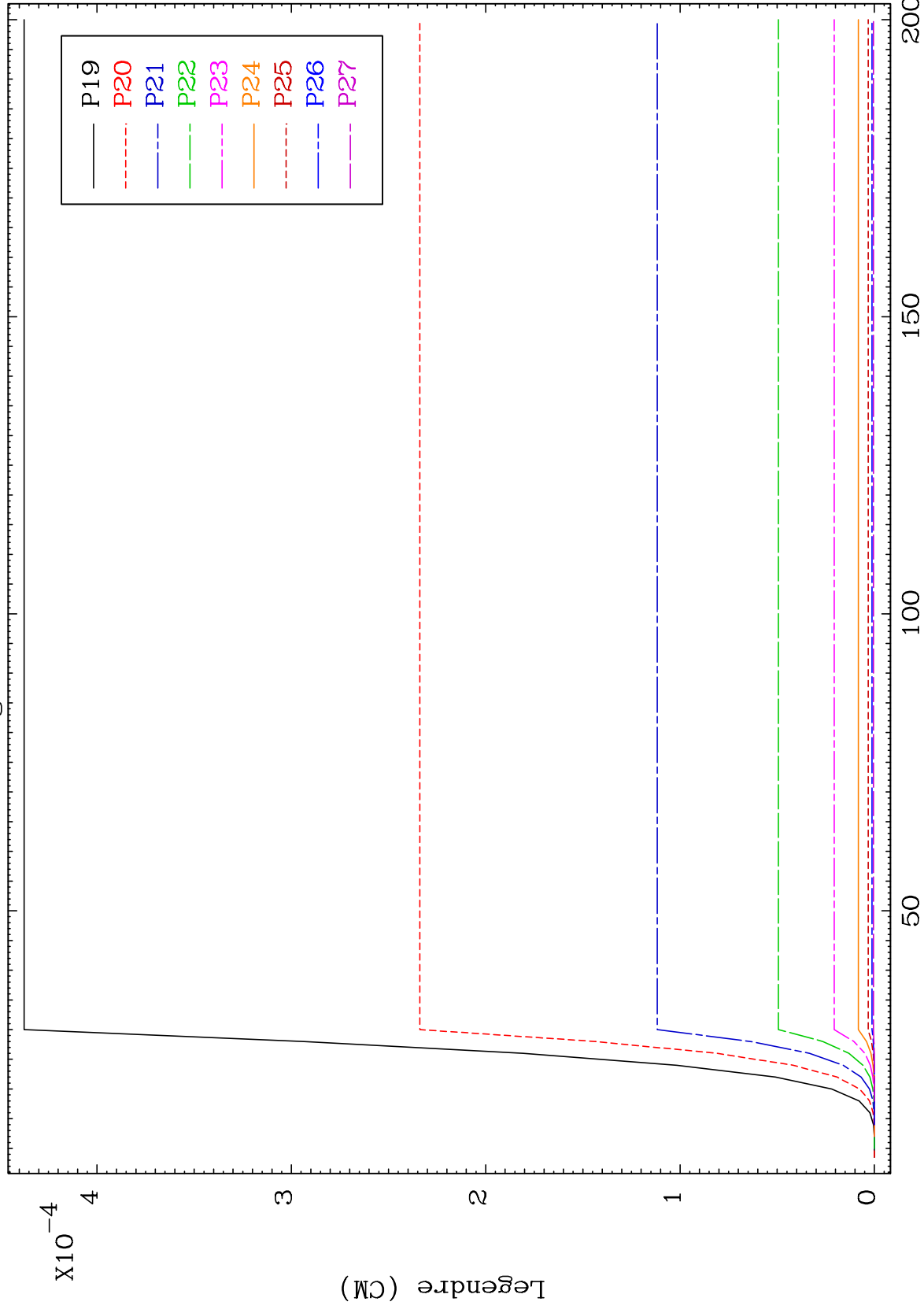
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



72

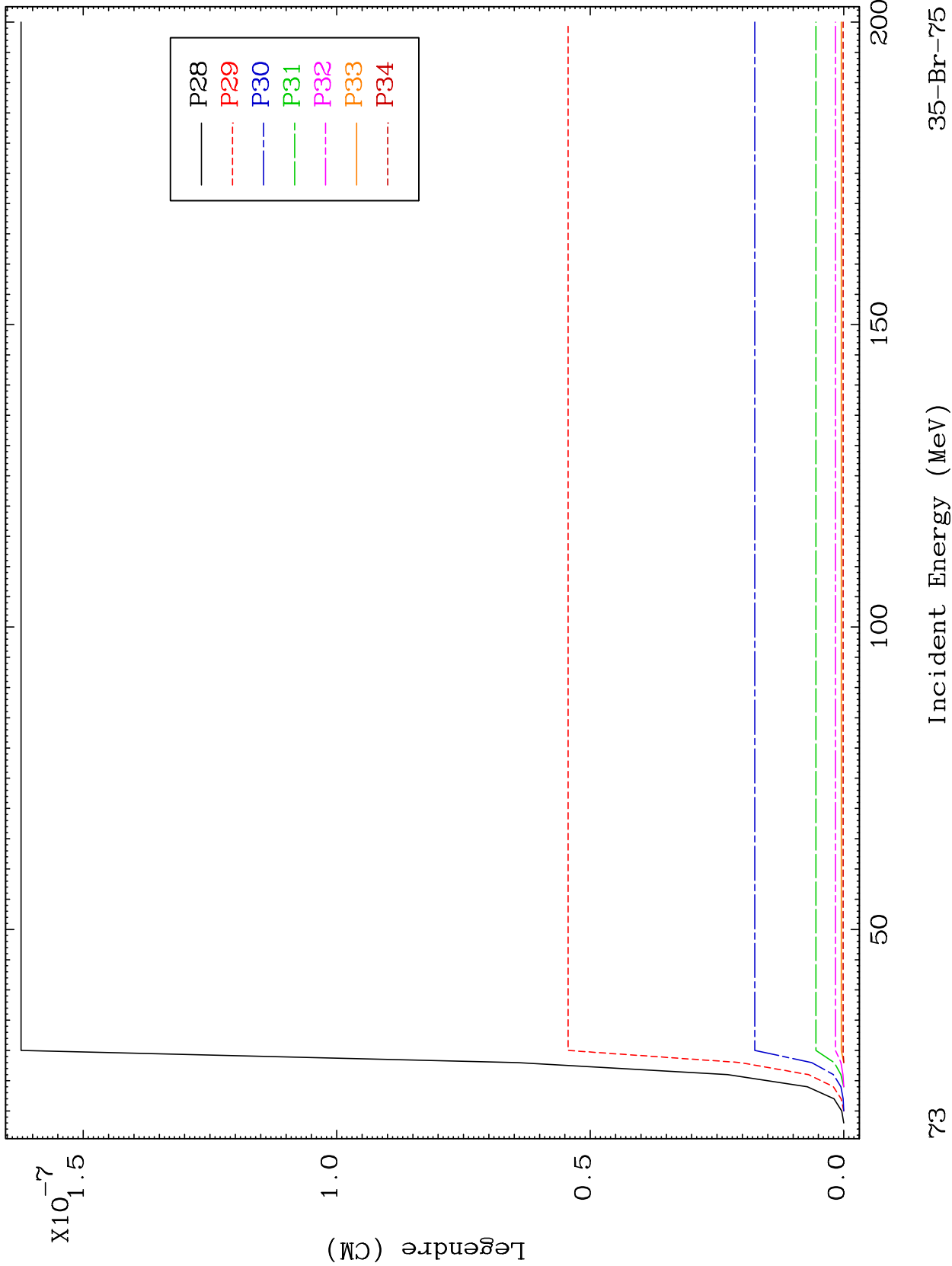
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



73

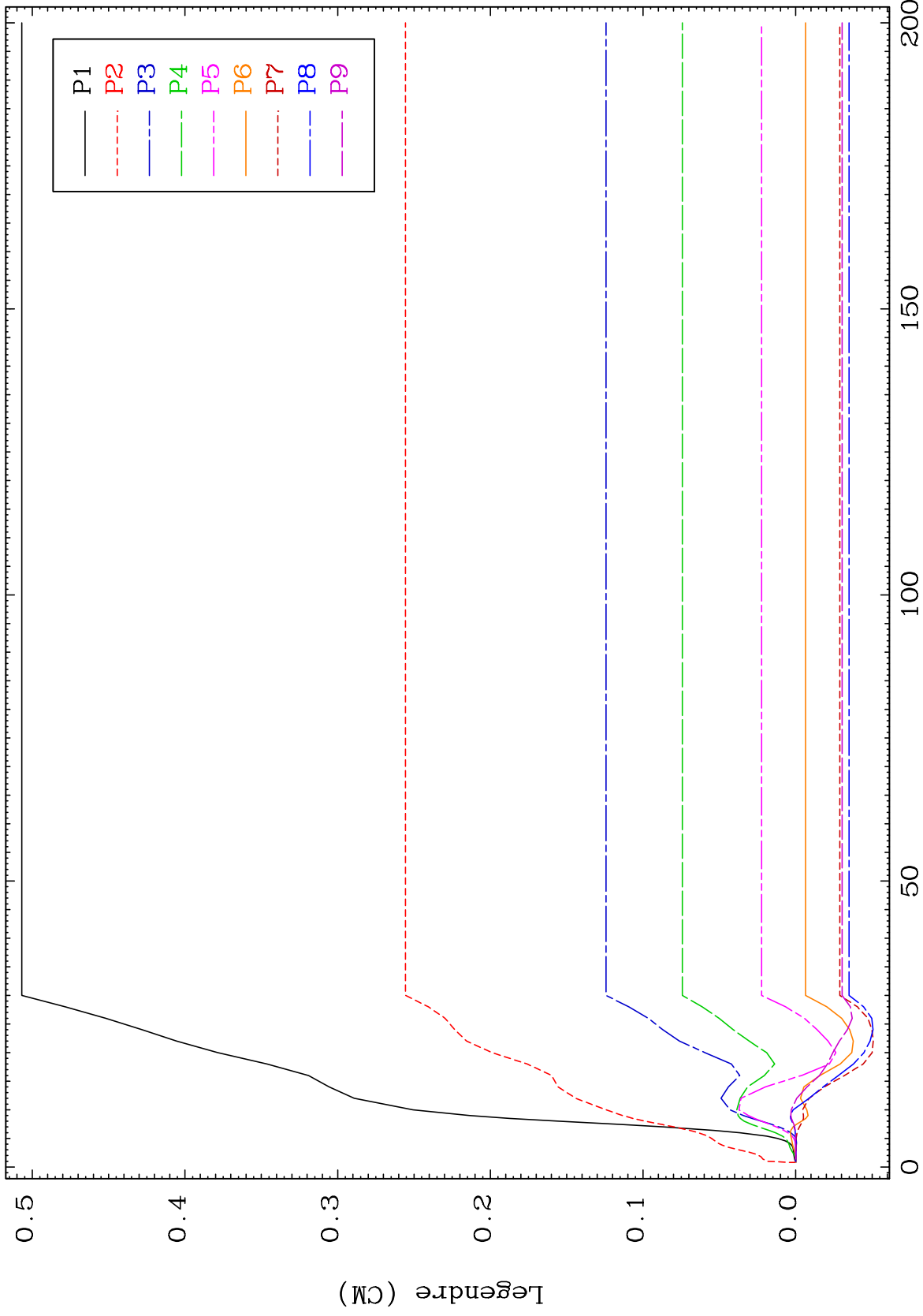
Incident Energy (MeV)

35-Br-75

MAT 3513

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

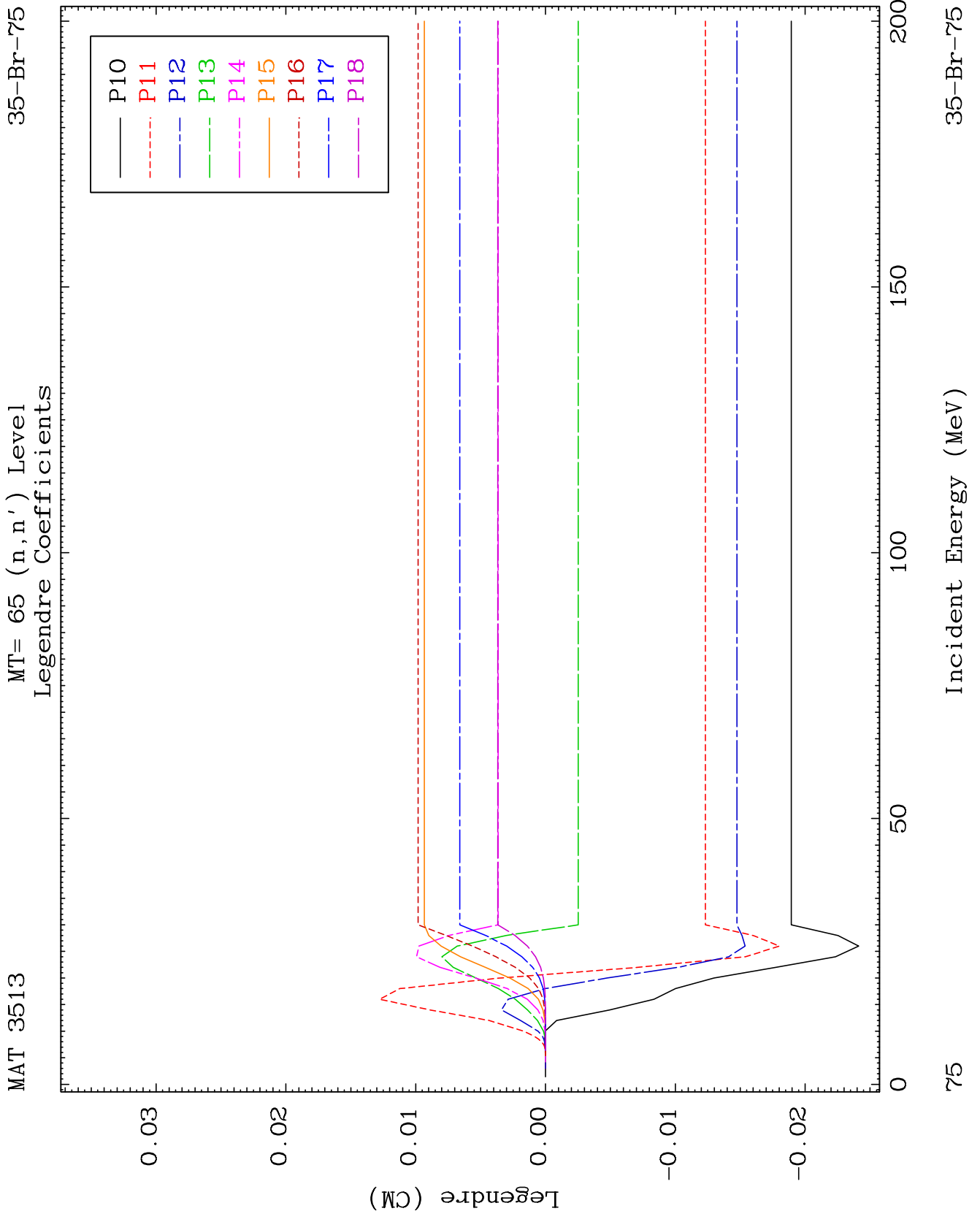
35-Br-75



74

Incident Energy (MeV)

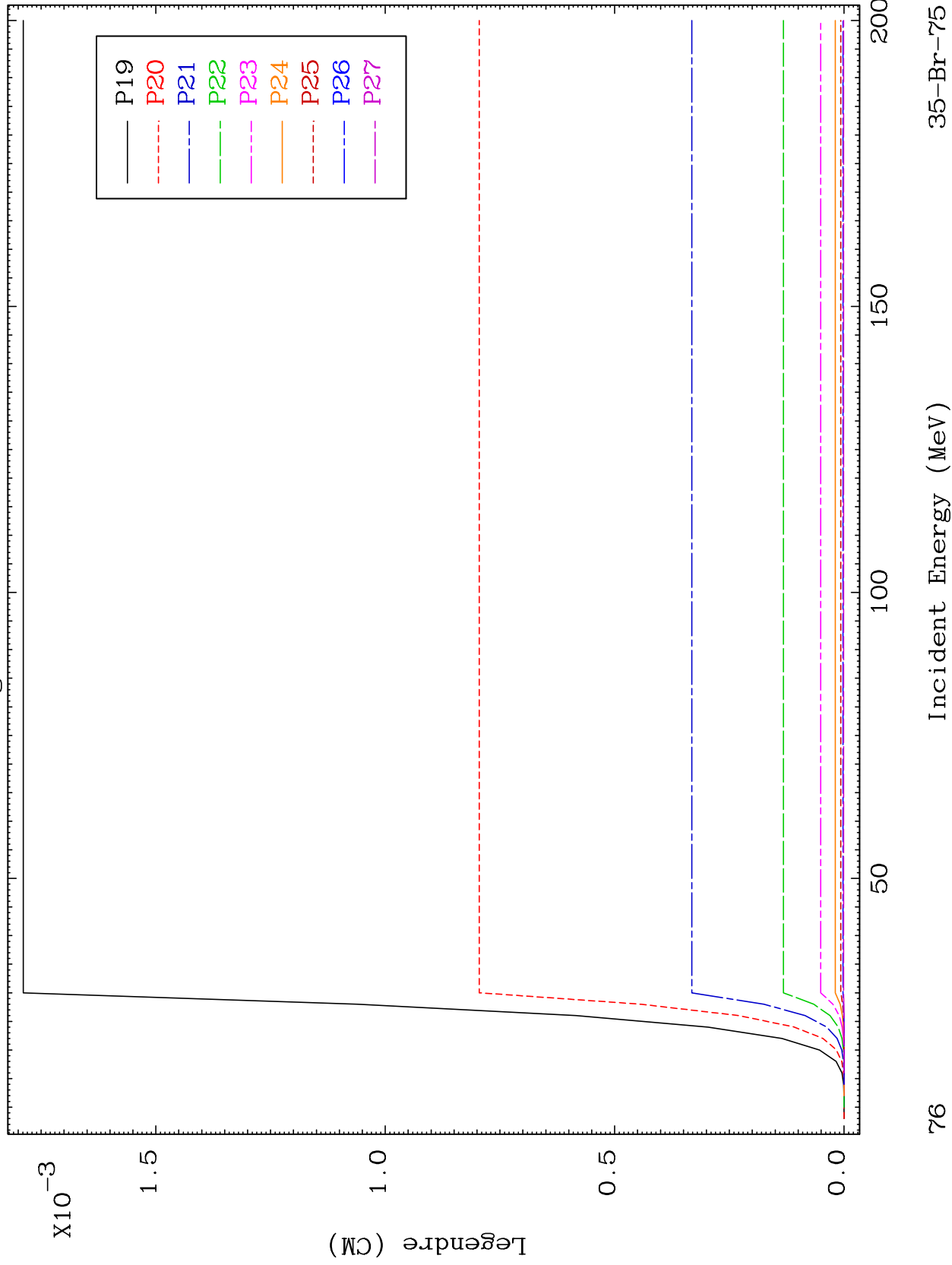
35-Br-75

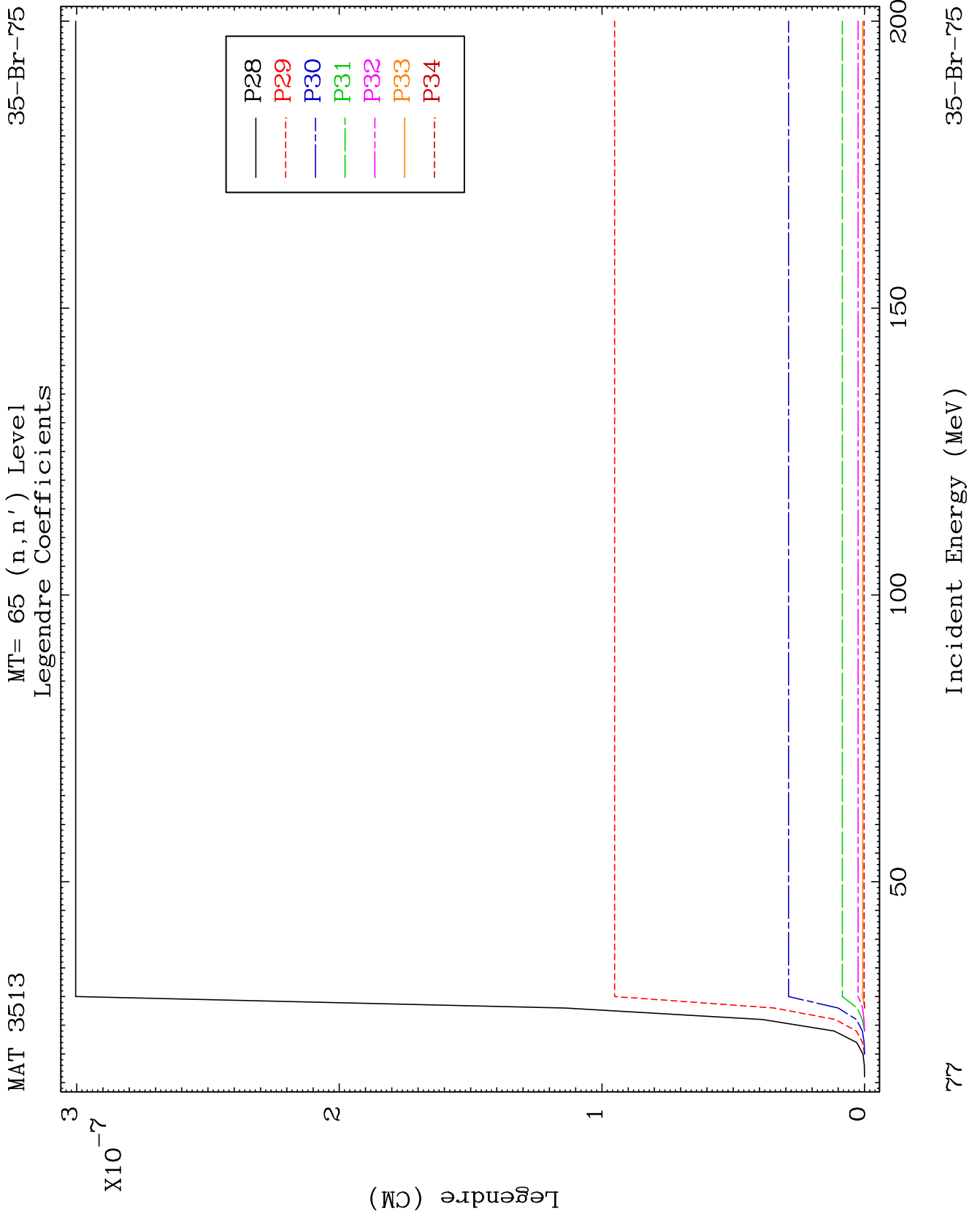


MAT 3513

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

35-Br-75

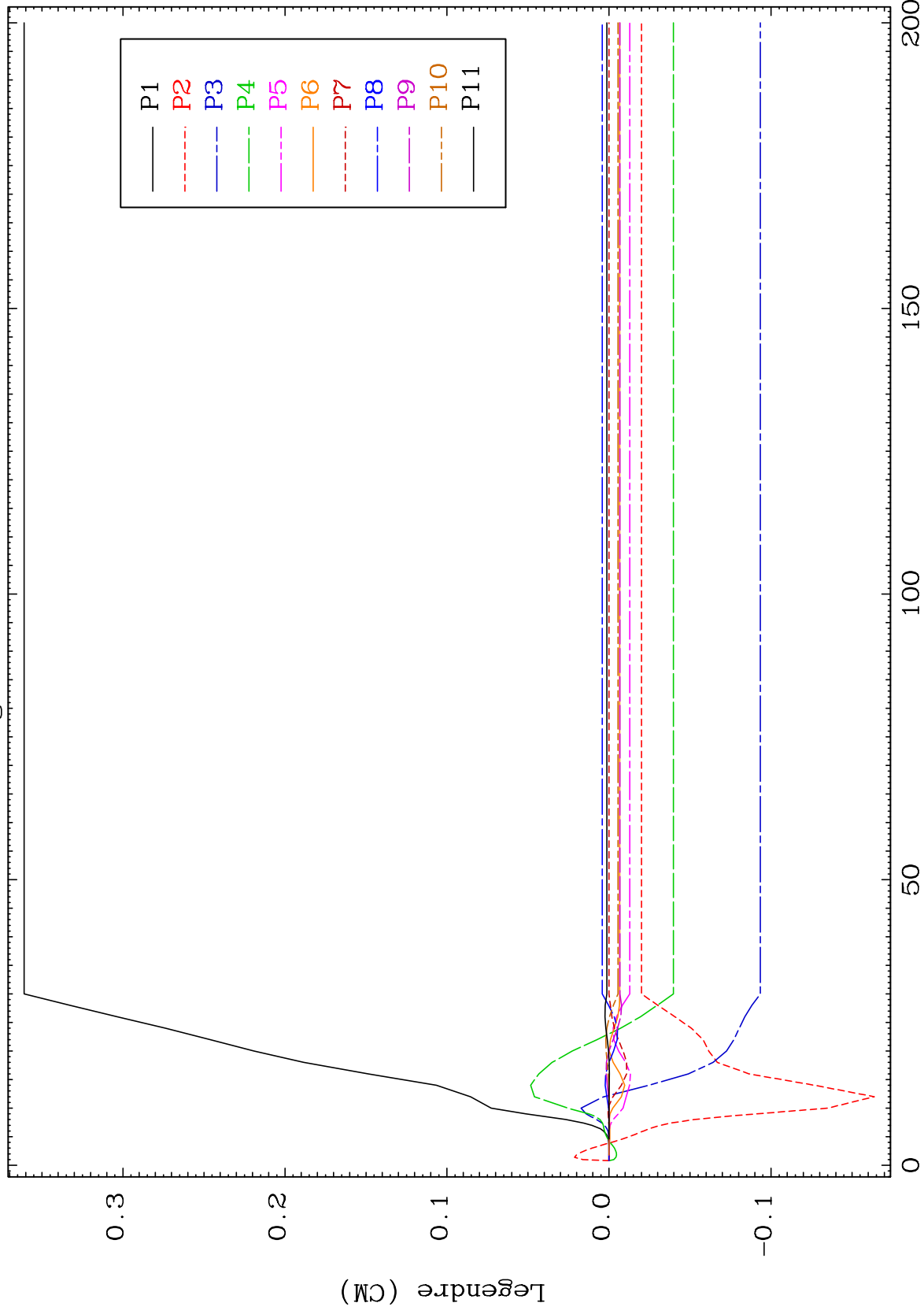




MAT 3513

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

35-Br-75



78

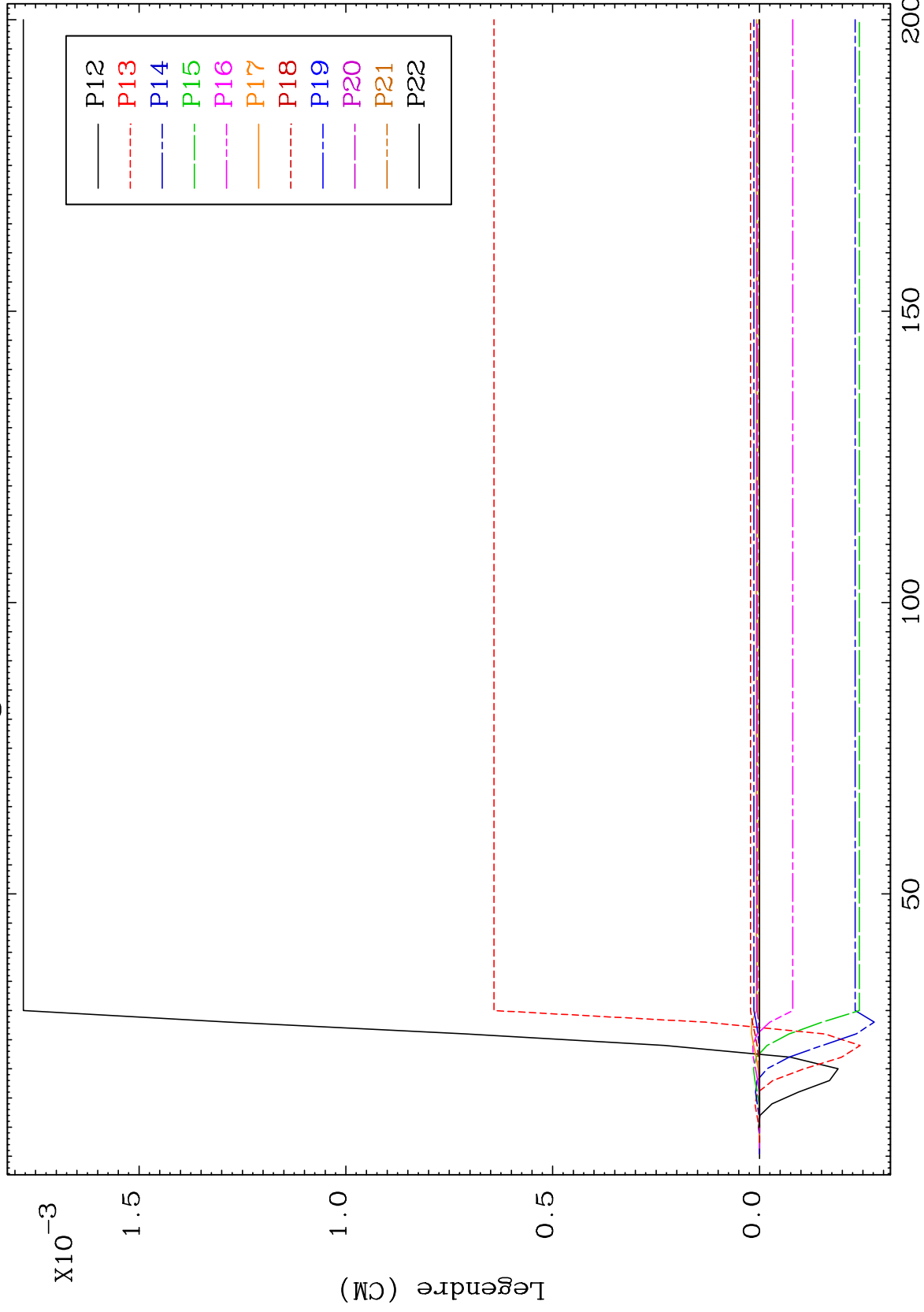
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



79

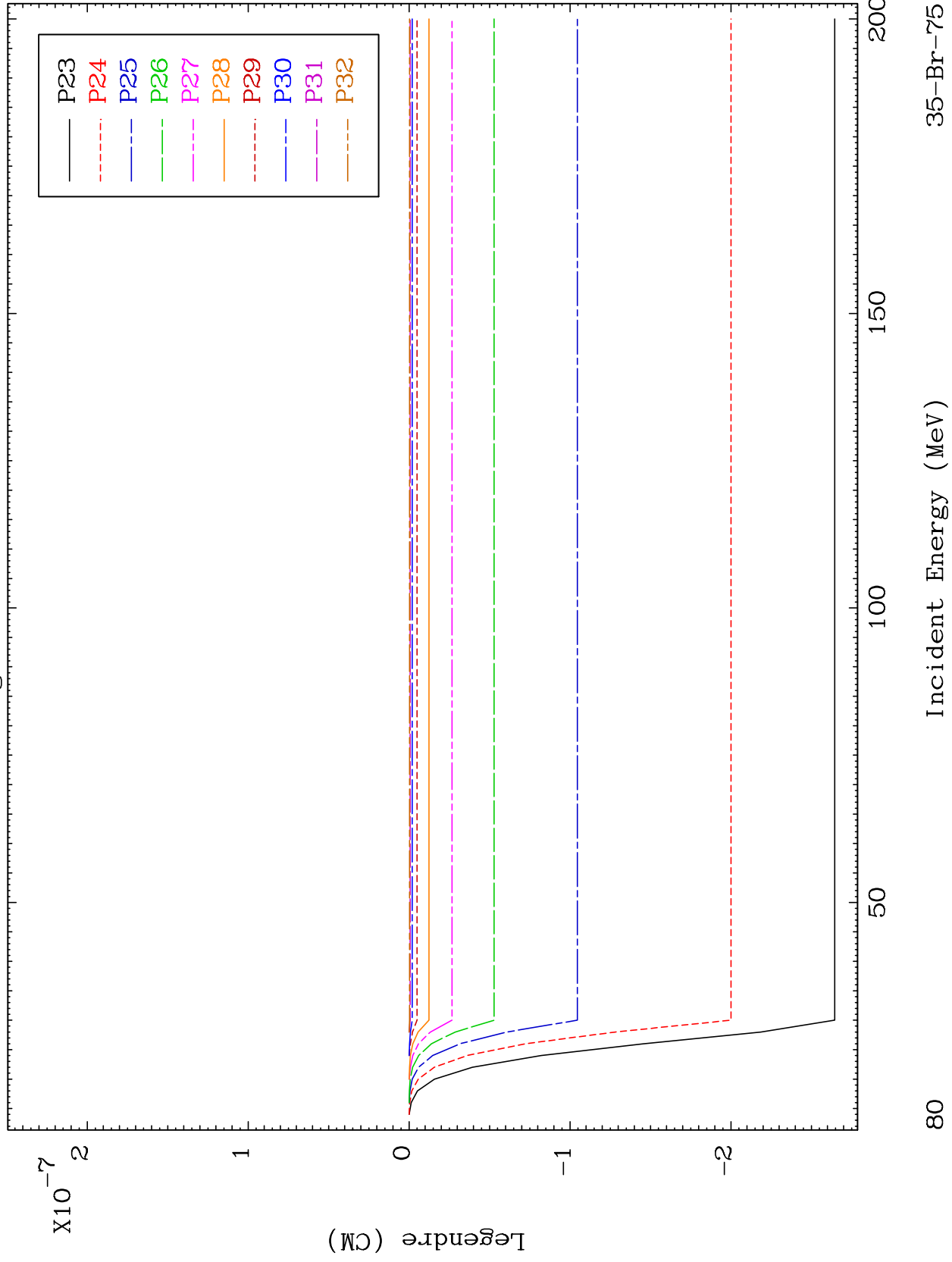
Incident Energy (MeV)

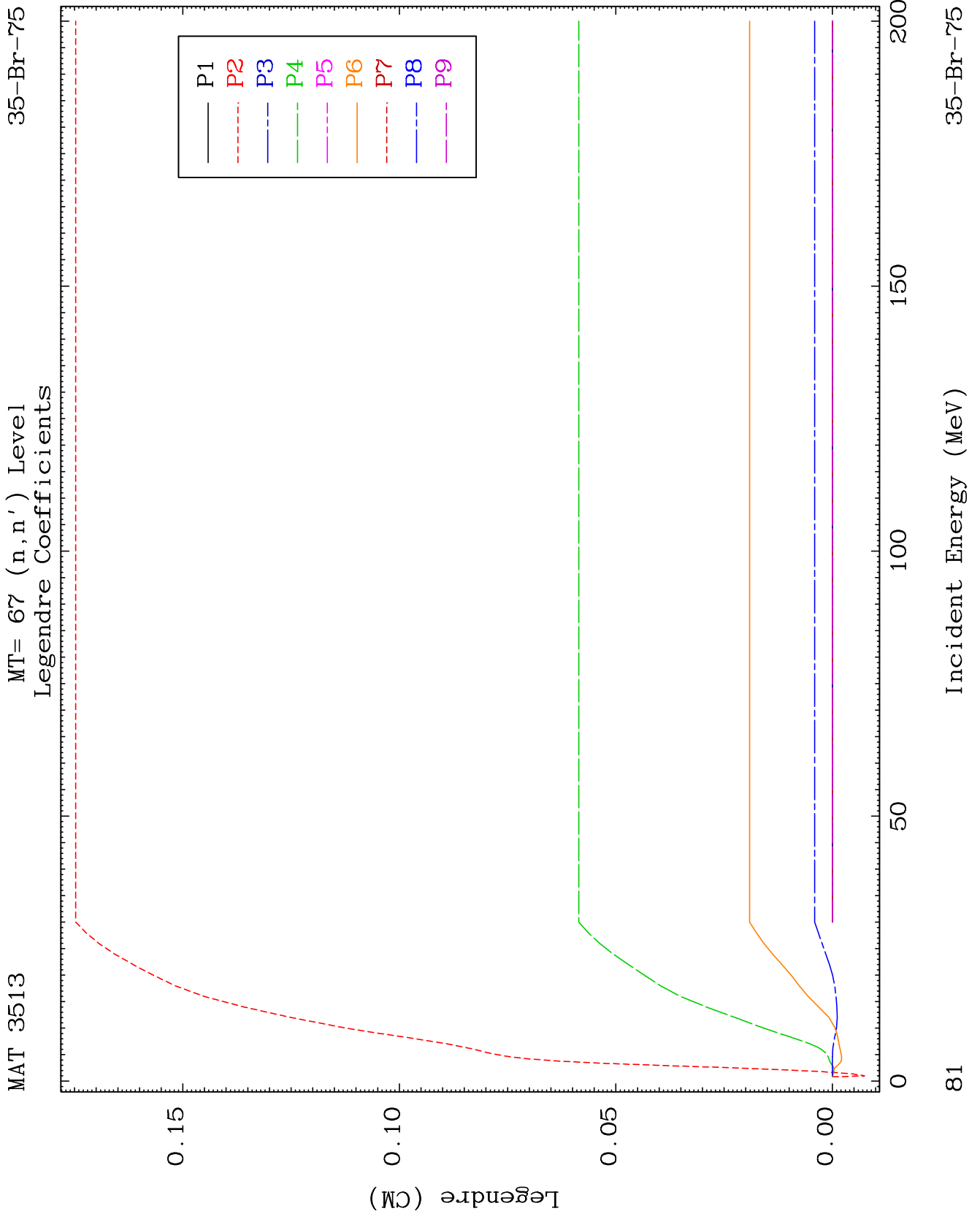
35-Br-75

MAT 3513

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

35-Br-75

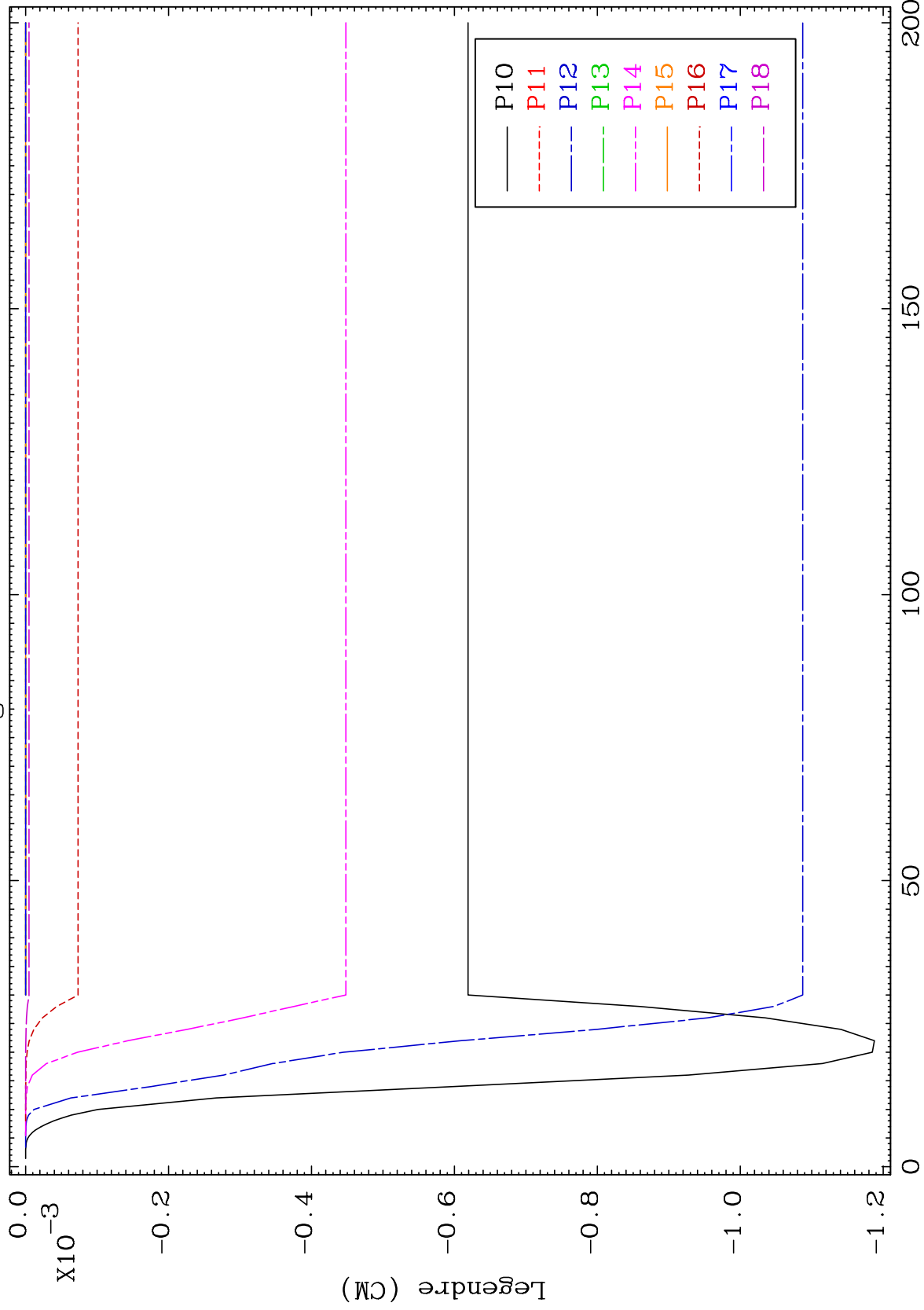




MAT 3513

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

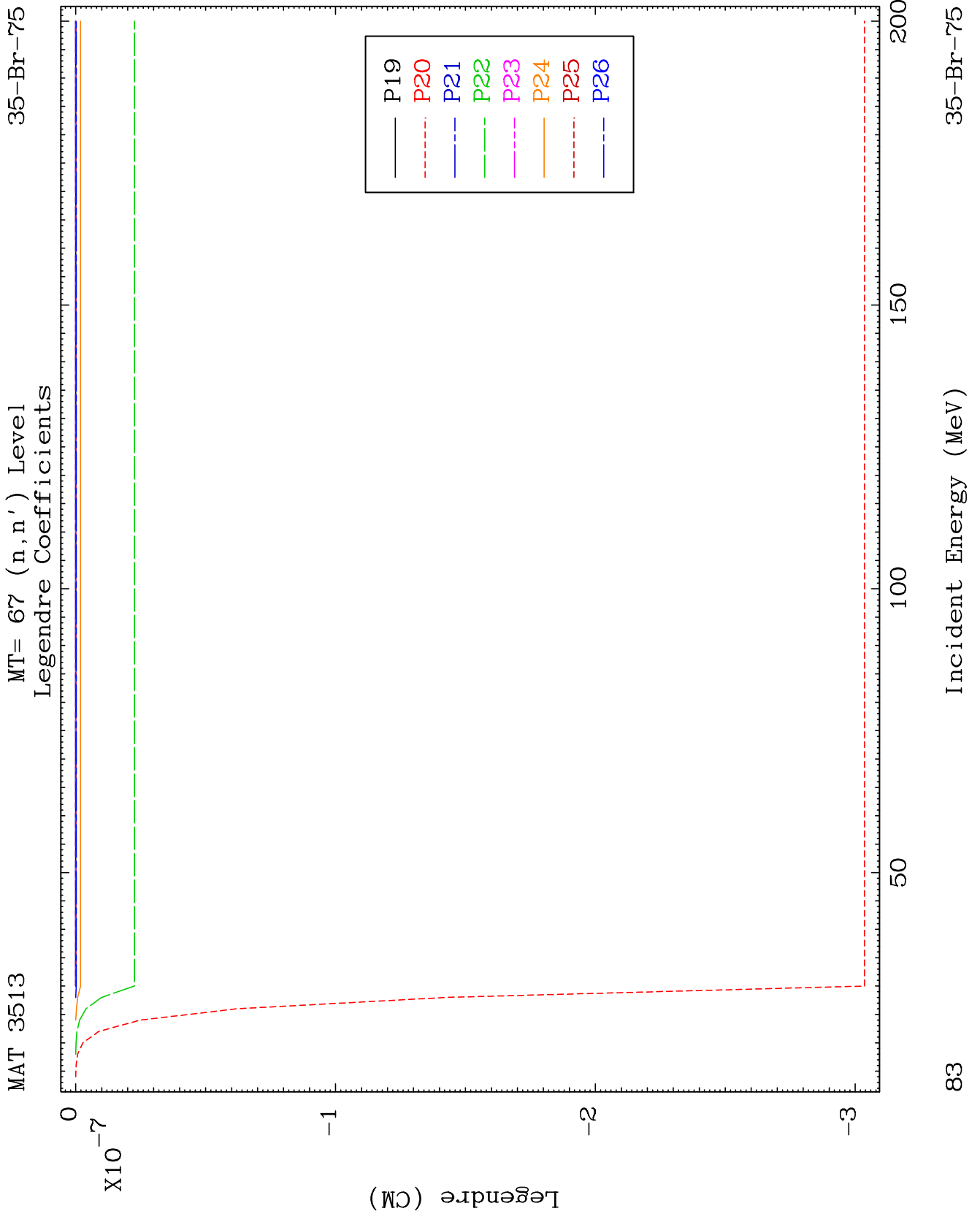
35-Br-75



82

Incident Energy (MeV)

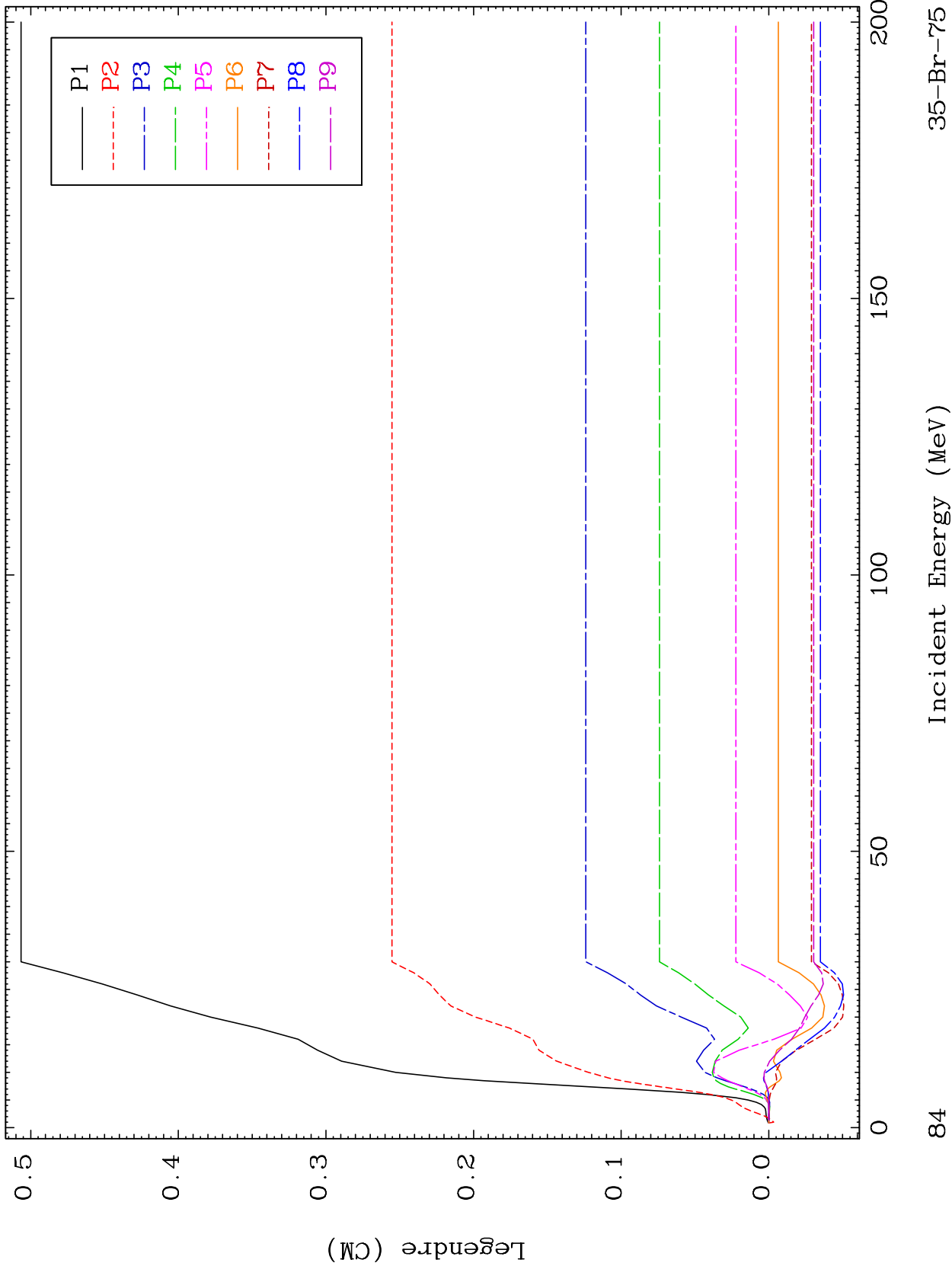
35-Br-75

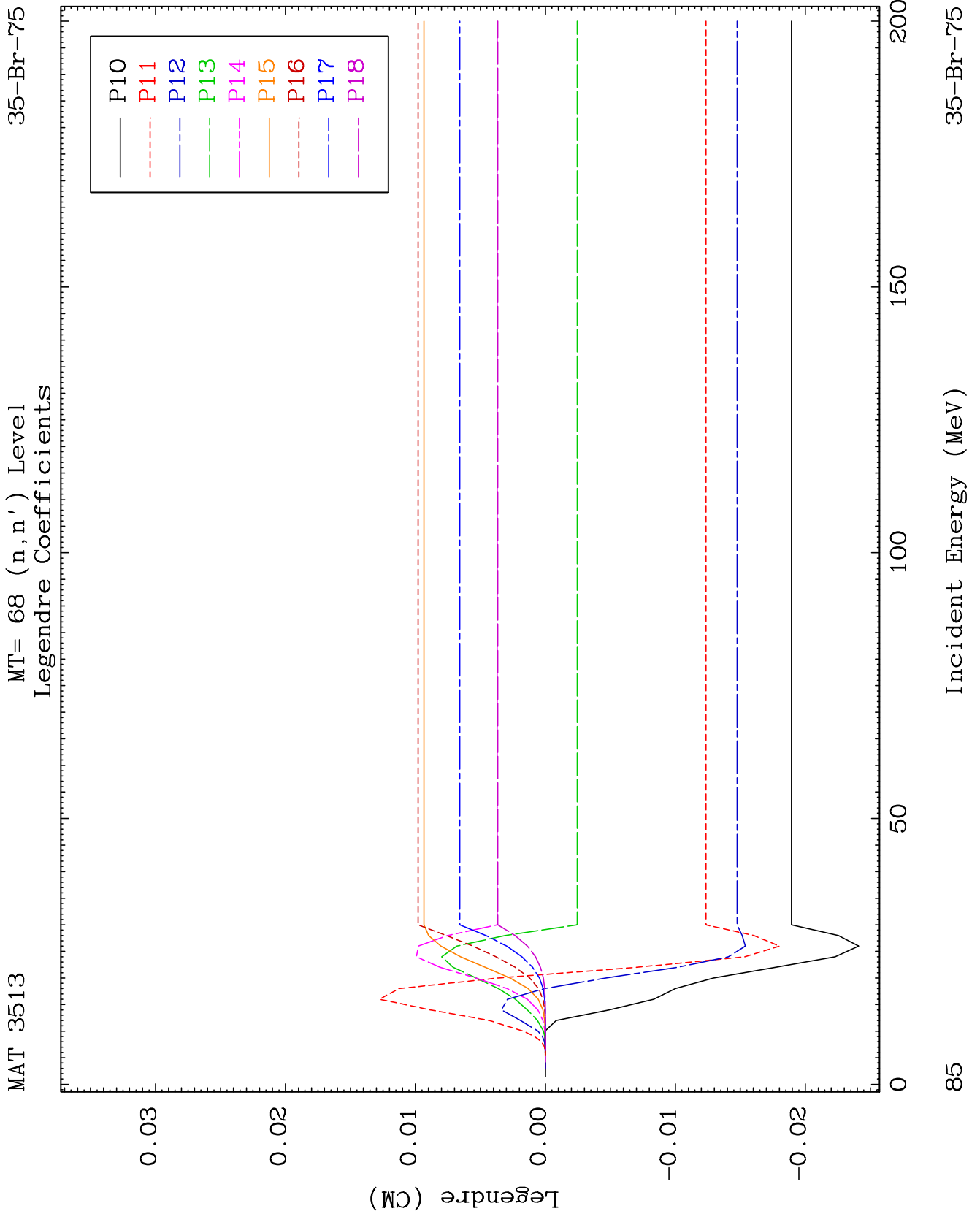


MAT 3513

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

35-Br-75

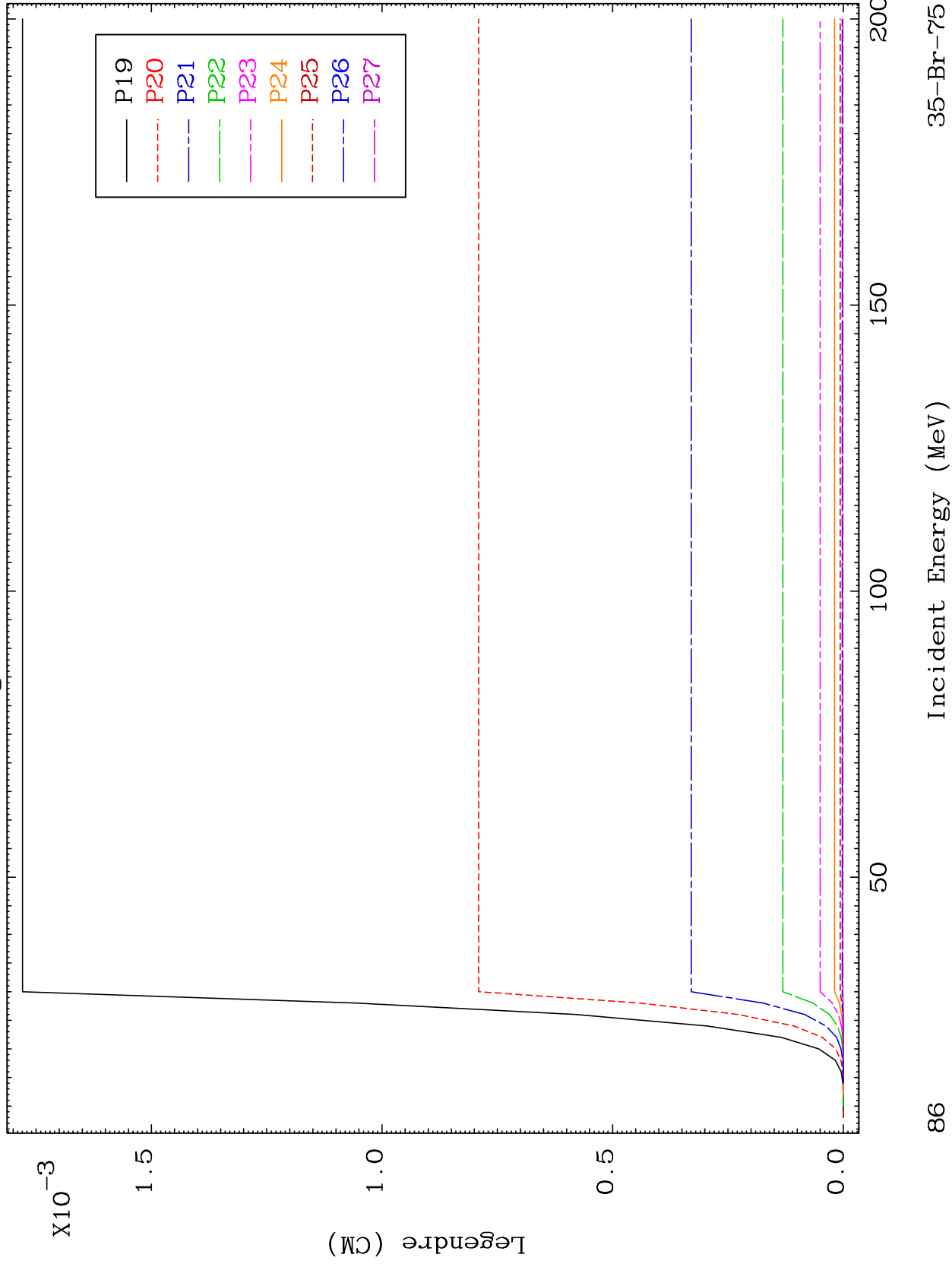




MAT 3513

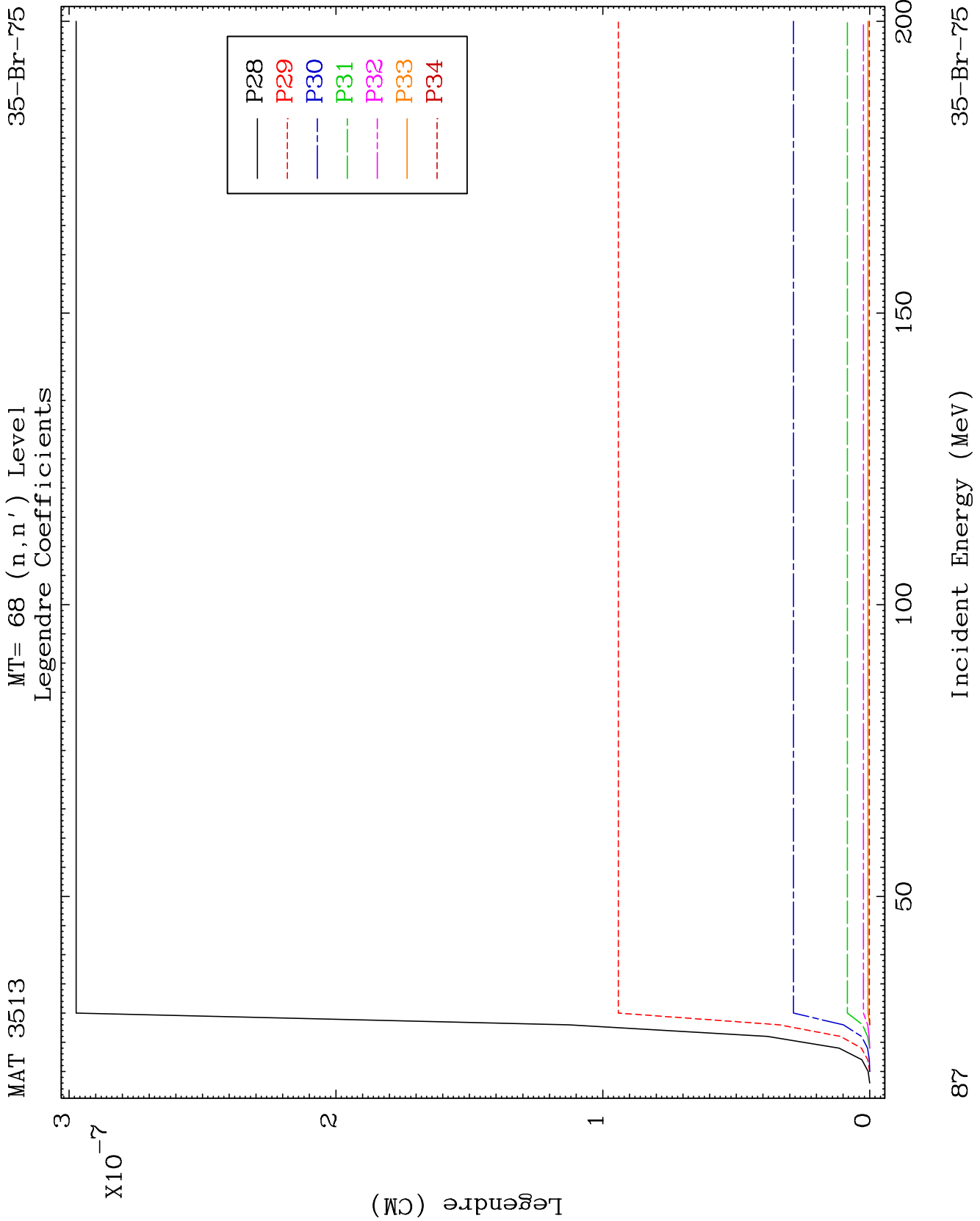
MT= 68 (n,n') Level
Legendre Coefficients

35-Br-75



86

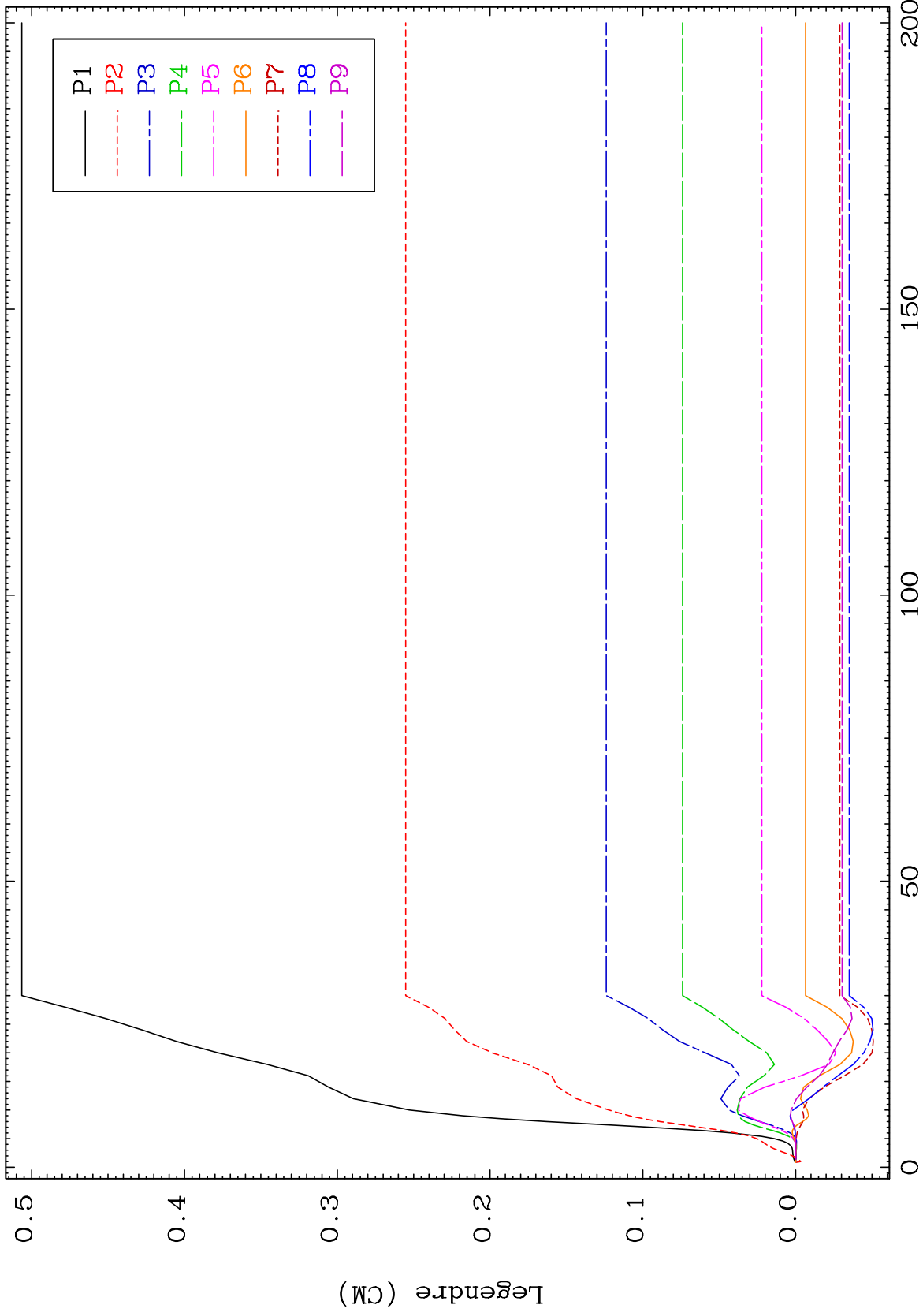
35-Br-75



MAT 3513

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

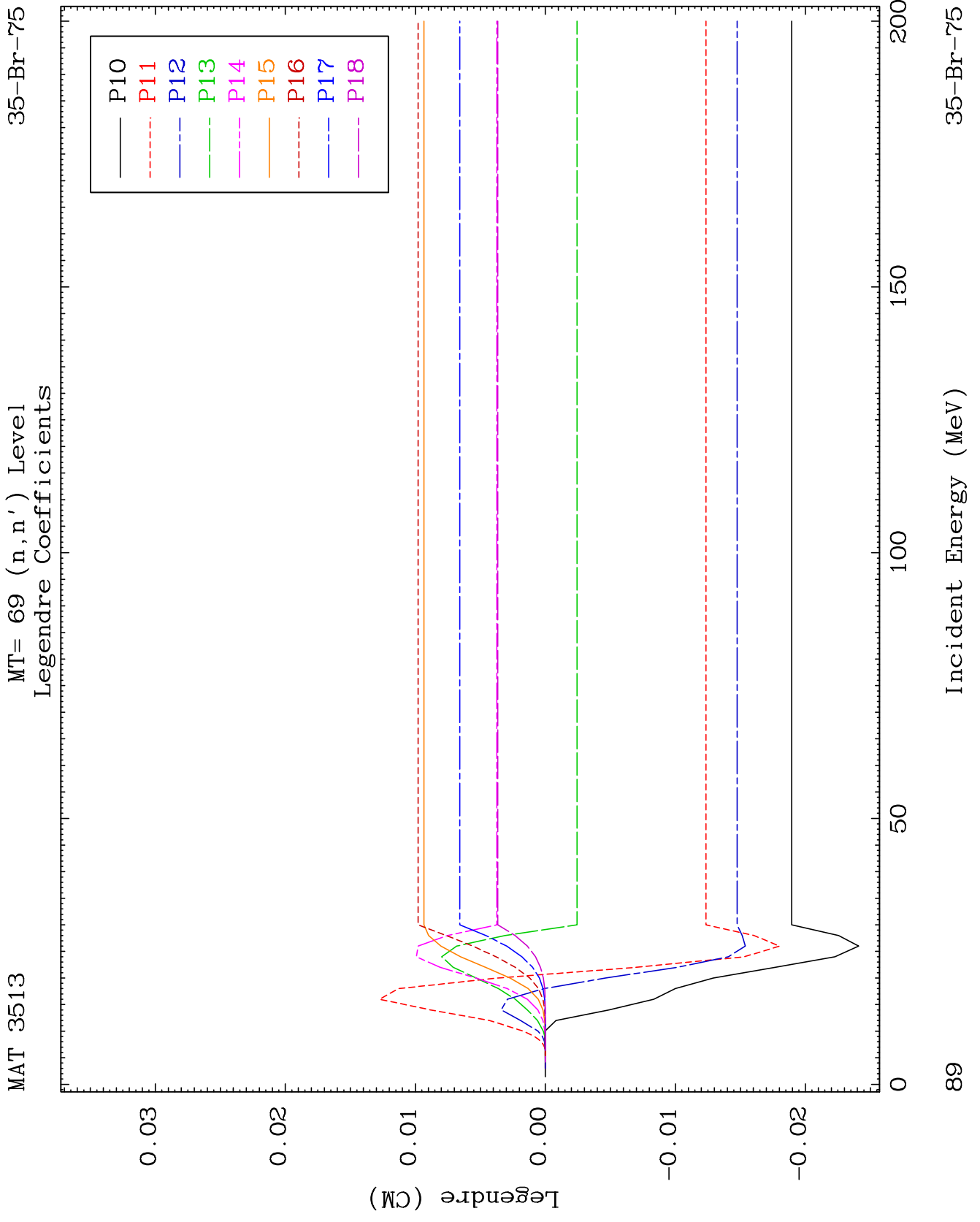
35-Br-75



88

Incident Energy (MeV)

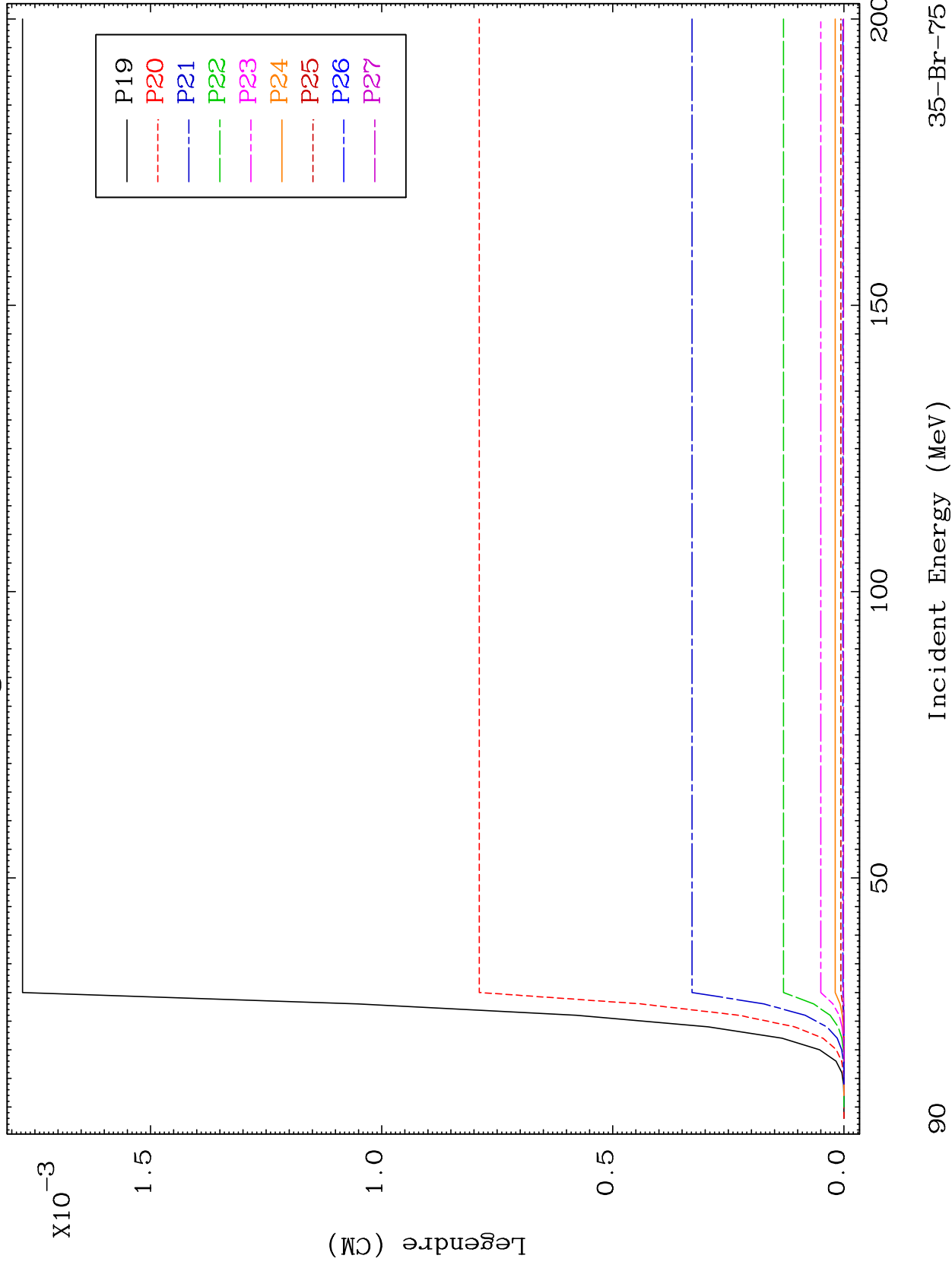
35-Br-75



MAT 3513

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

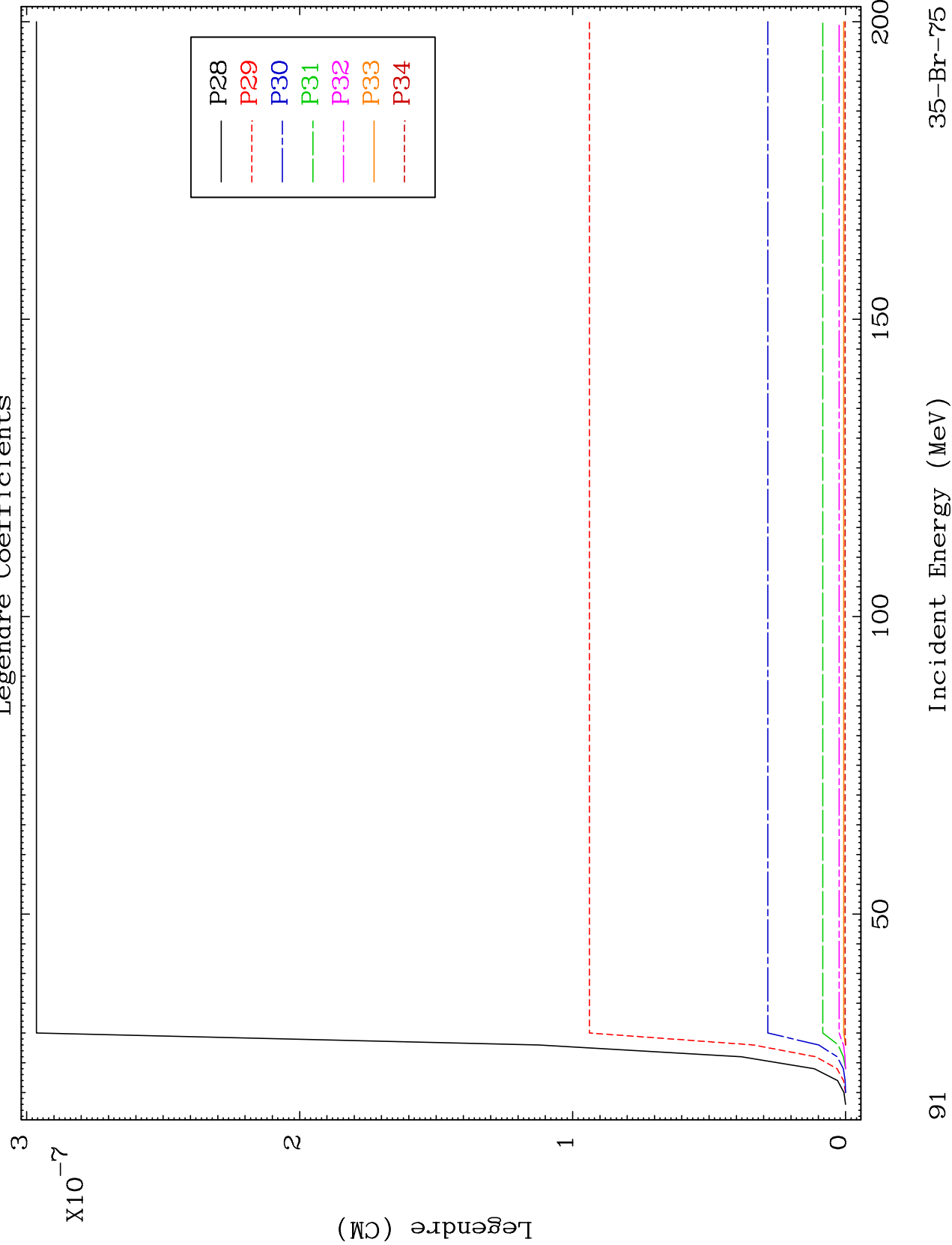
35-Br-75



MAT 3513

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

35-Br-75



91

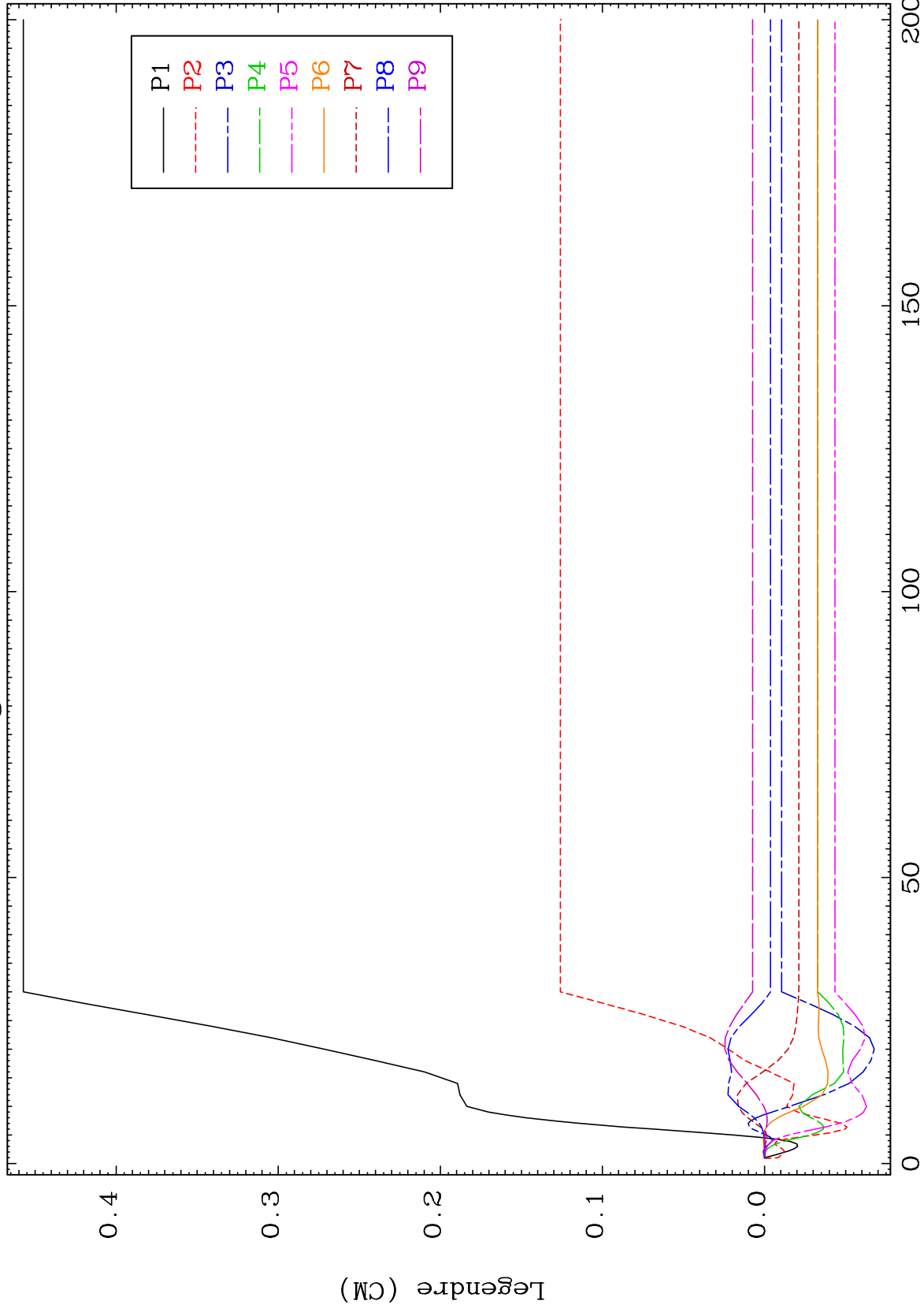
Incident Energy (MeV)

35-Br-75

MAT 3513

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

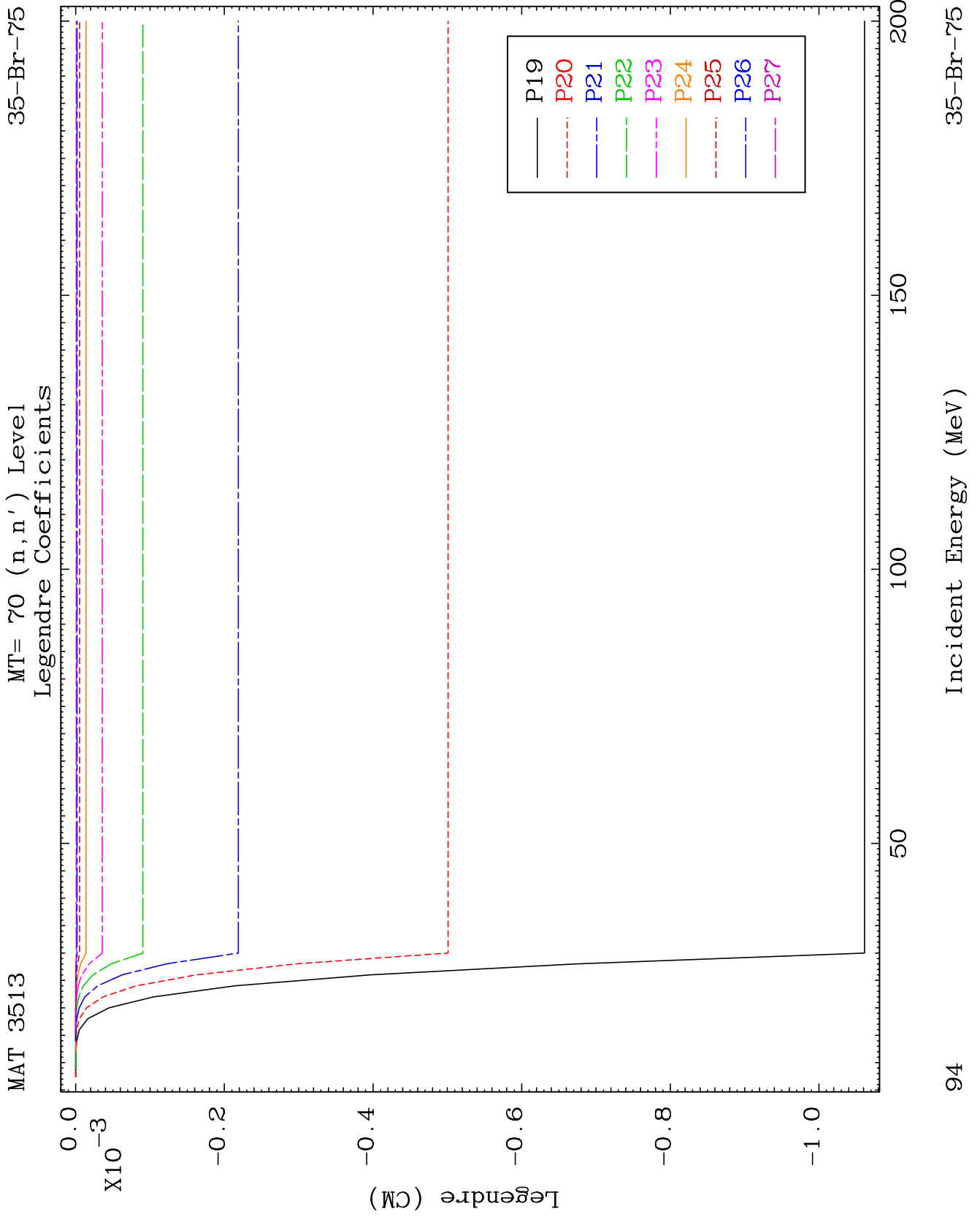
35-Br-75

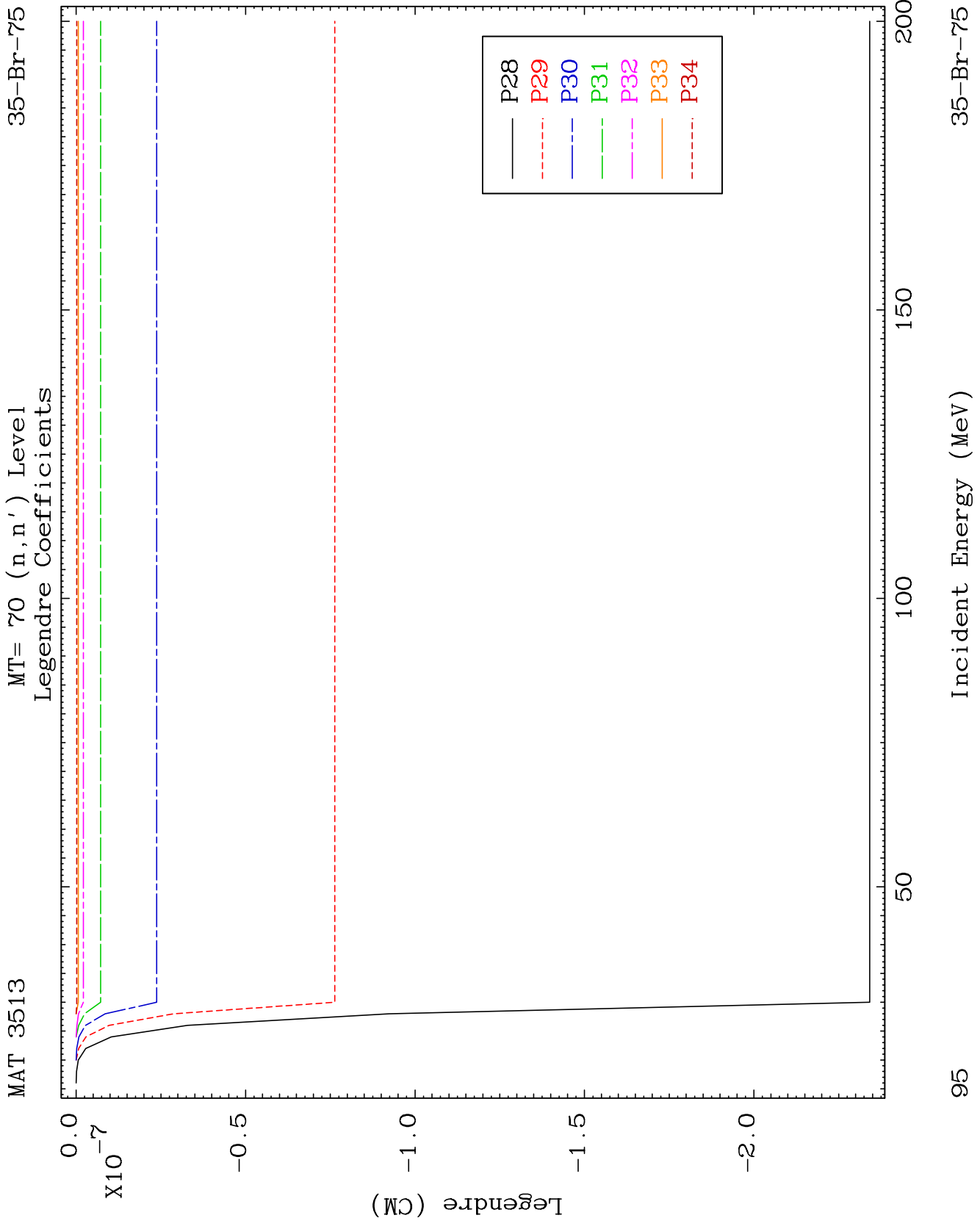


92

Incident Energy (MeV)

35-Br-75

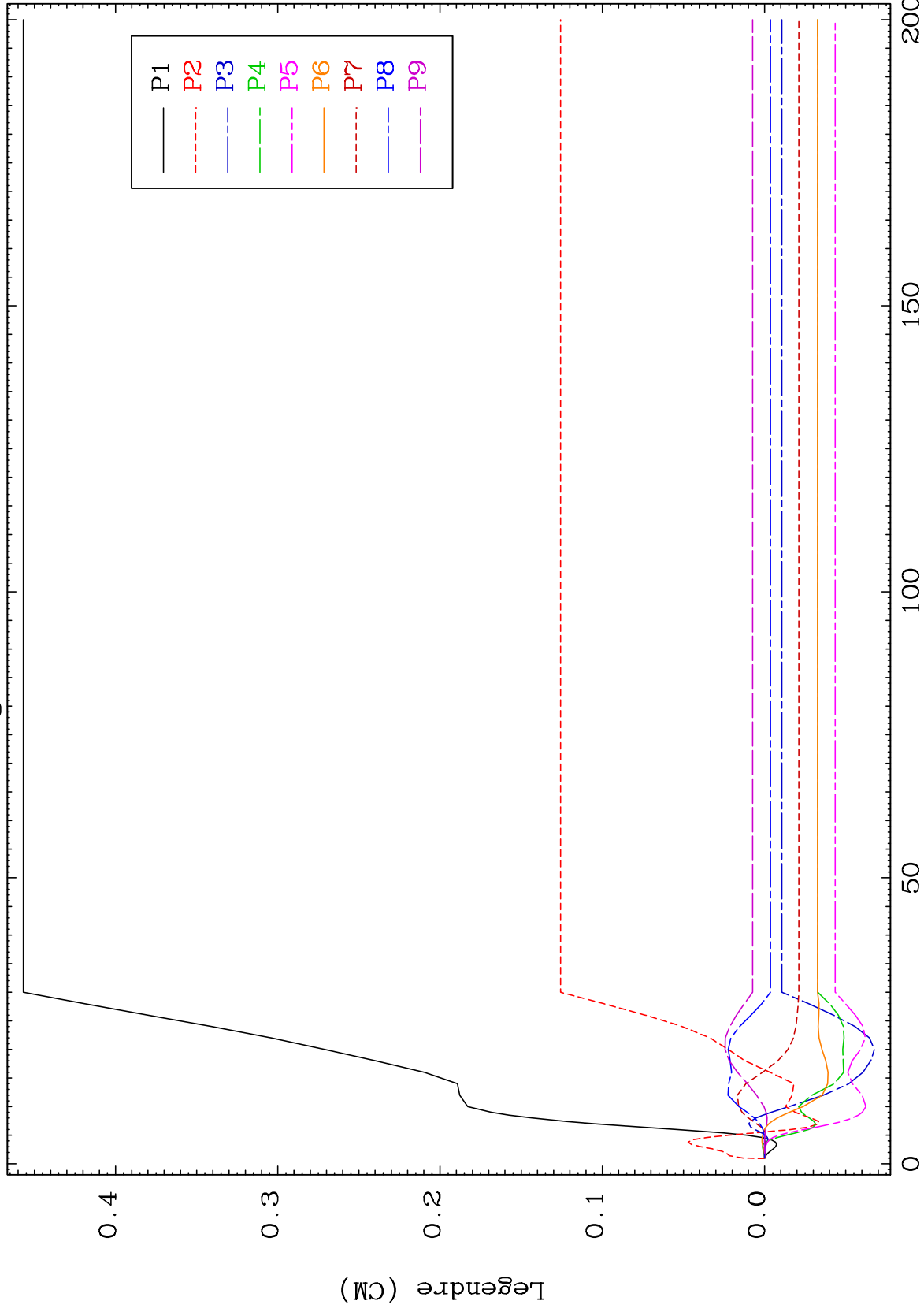




MAT 3513

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

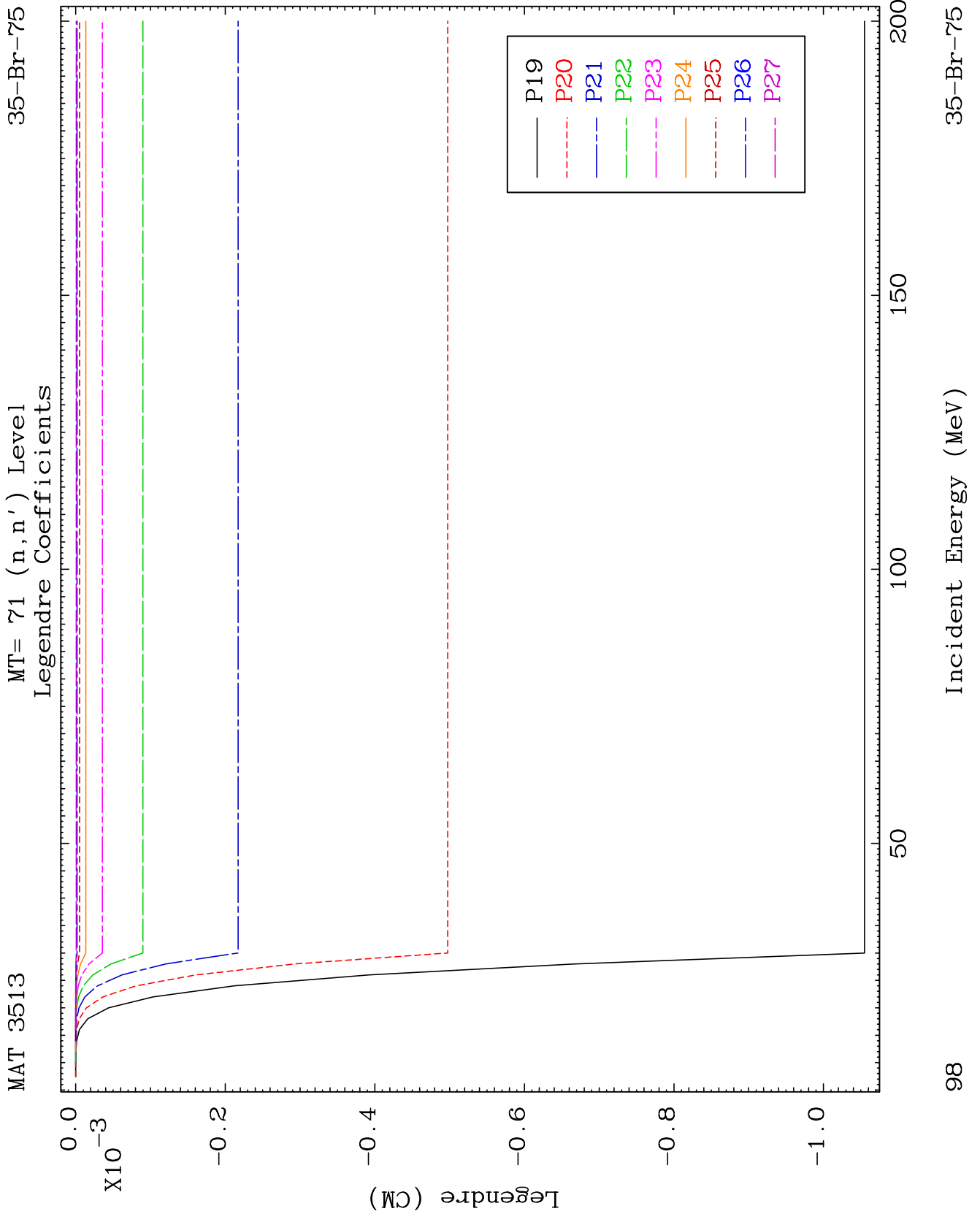
35-Br-75

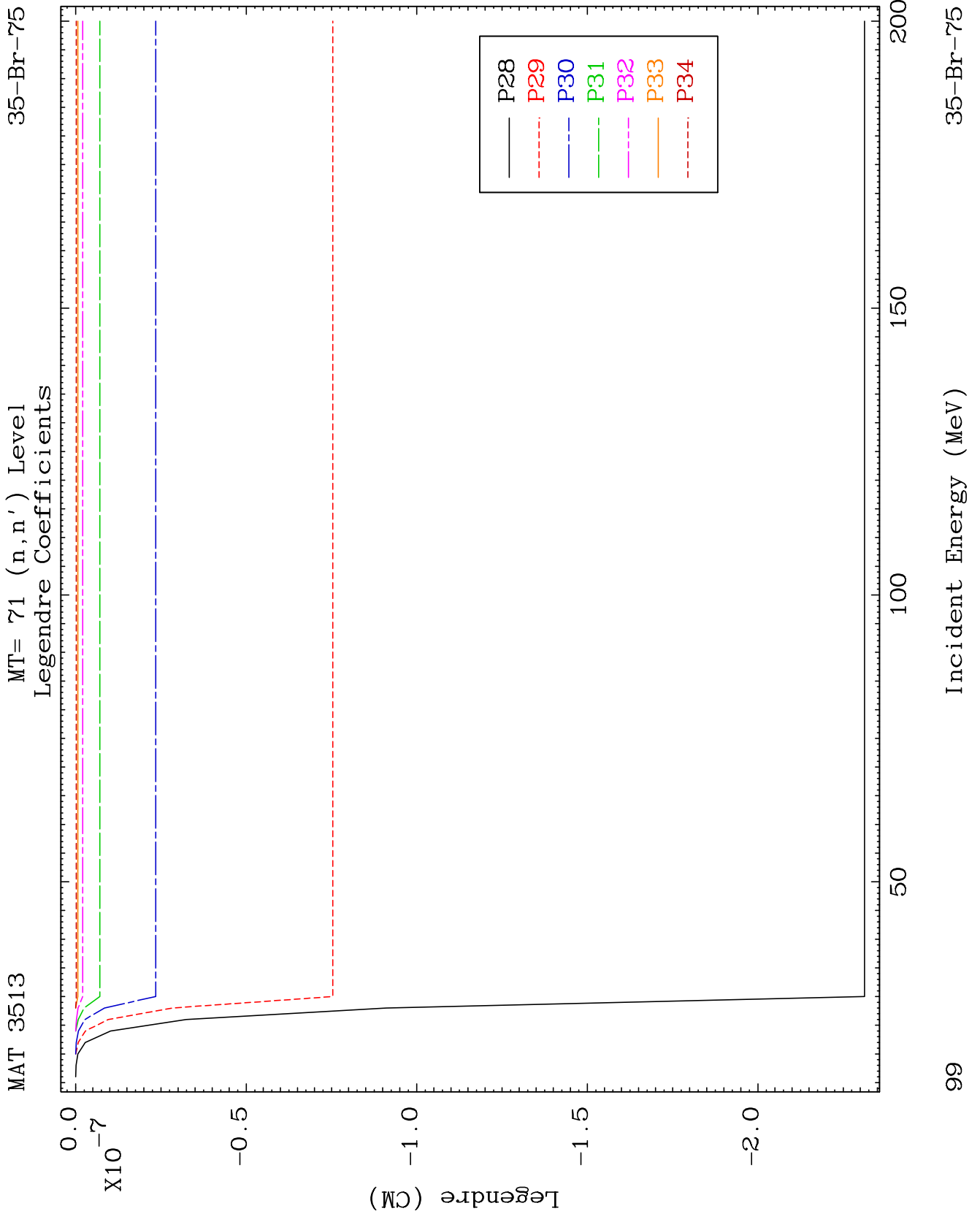


96

Incident Energy (MeV)

35-Br-75

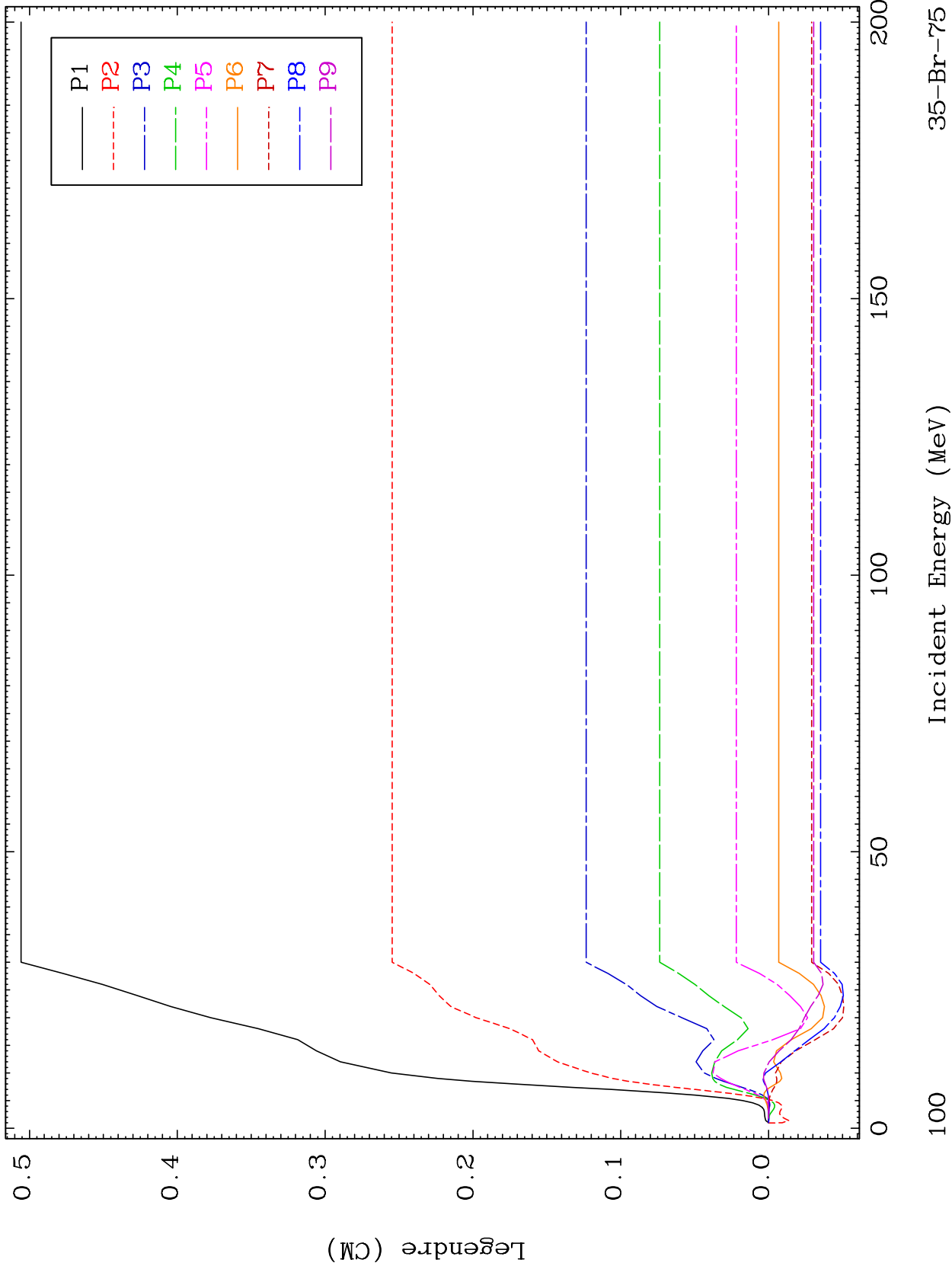




MAT 3513

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

35-Br-75



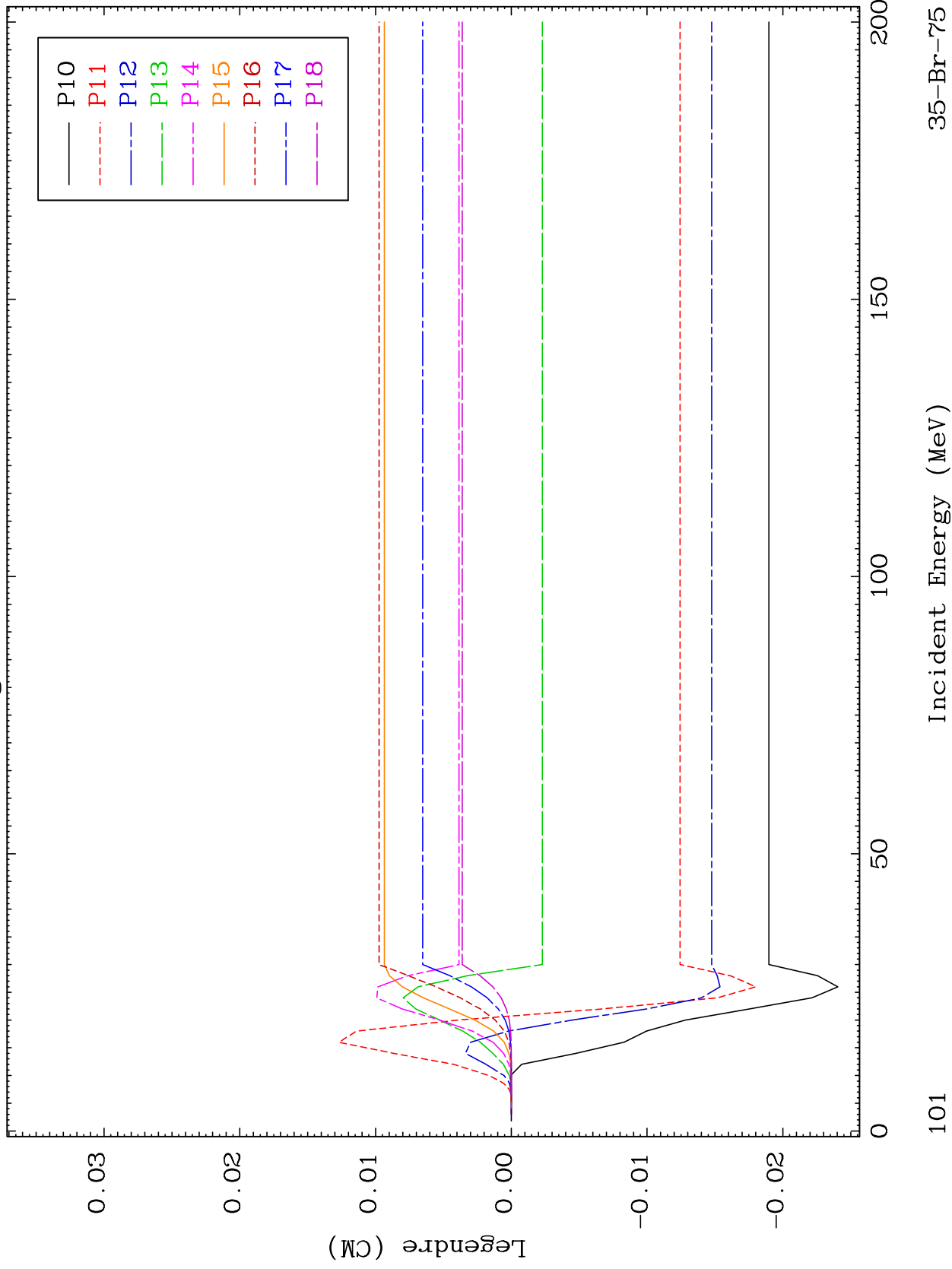
35-Br-75

Incident Energy (MeV)

MAT 3513

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

35-Br-75



101

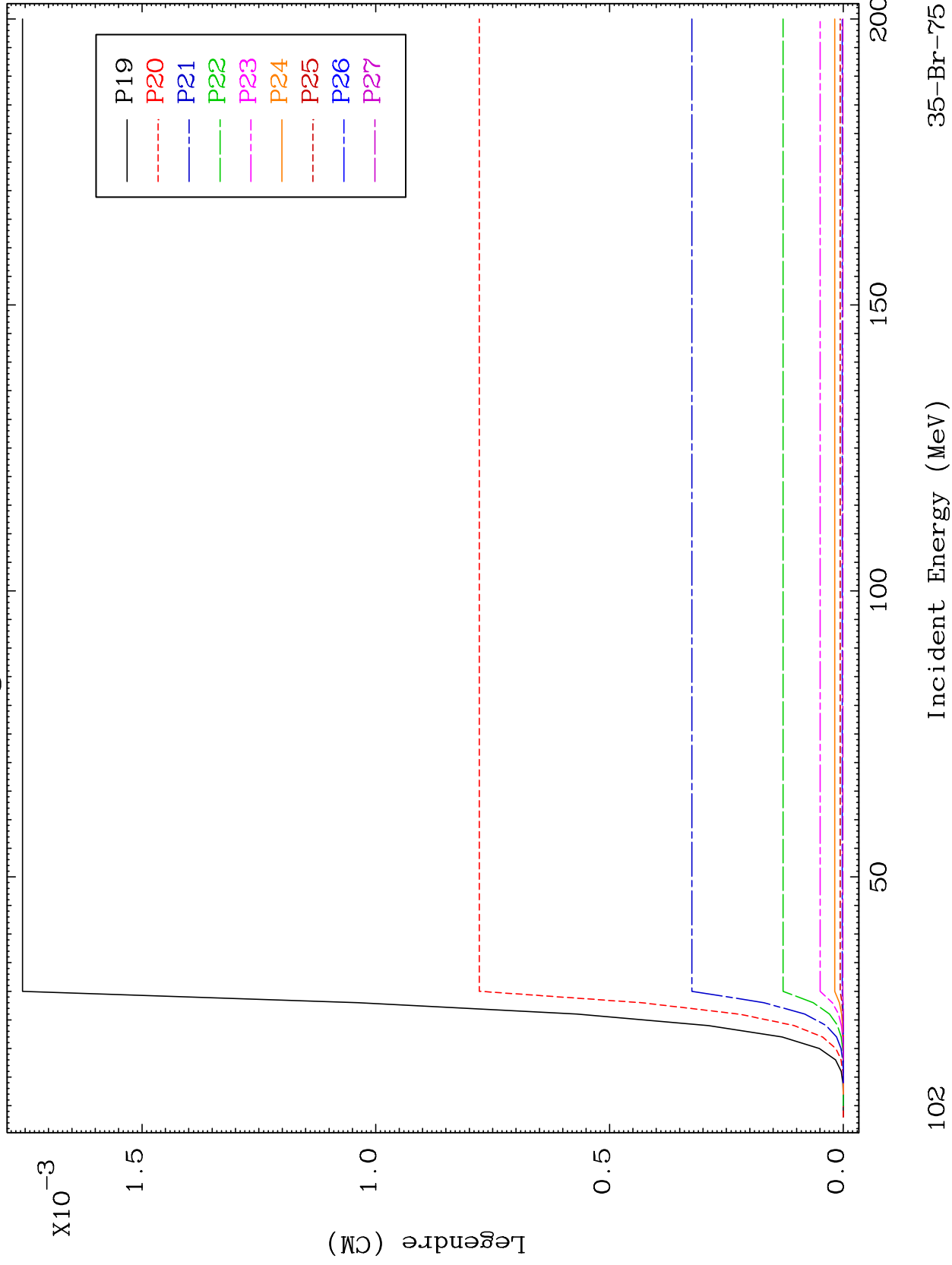
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



102

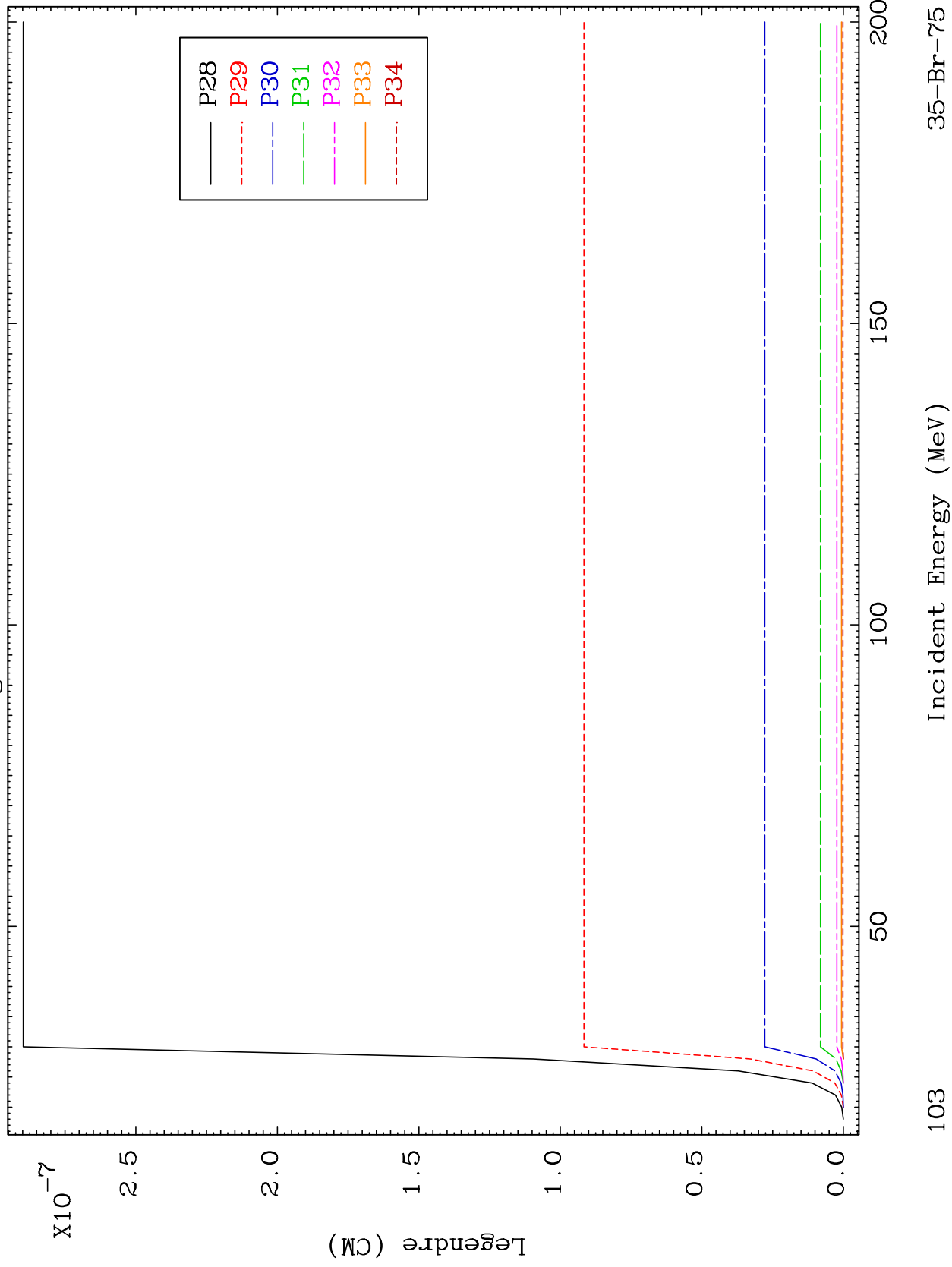
Incident Energy (MeV)

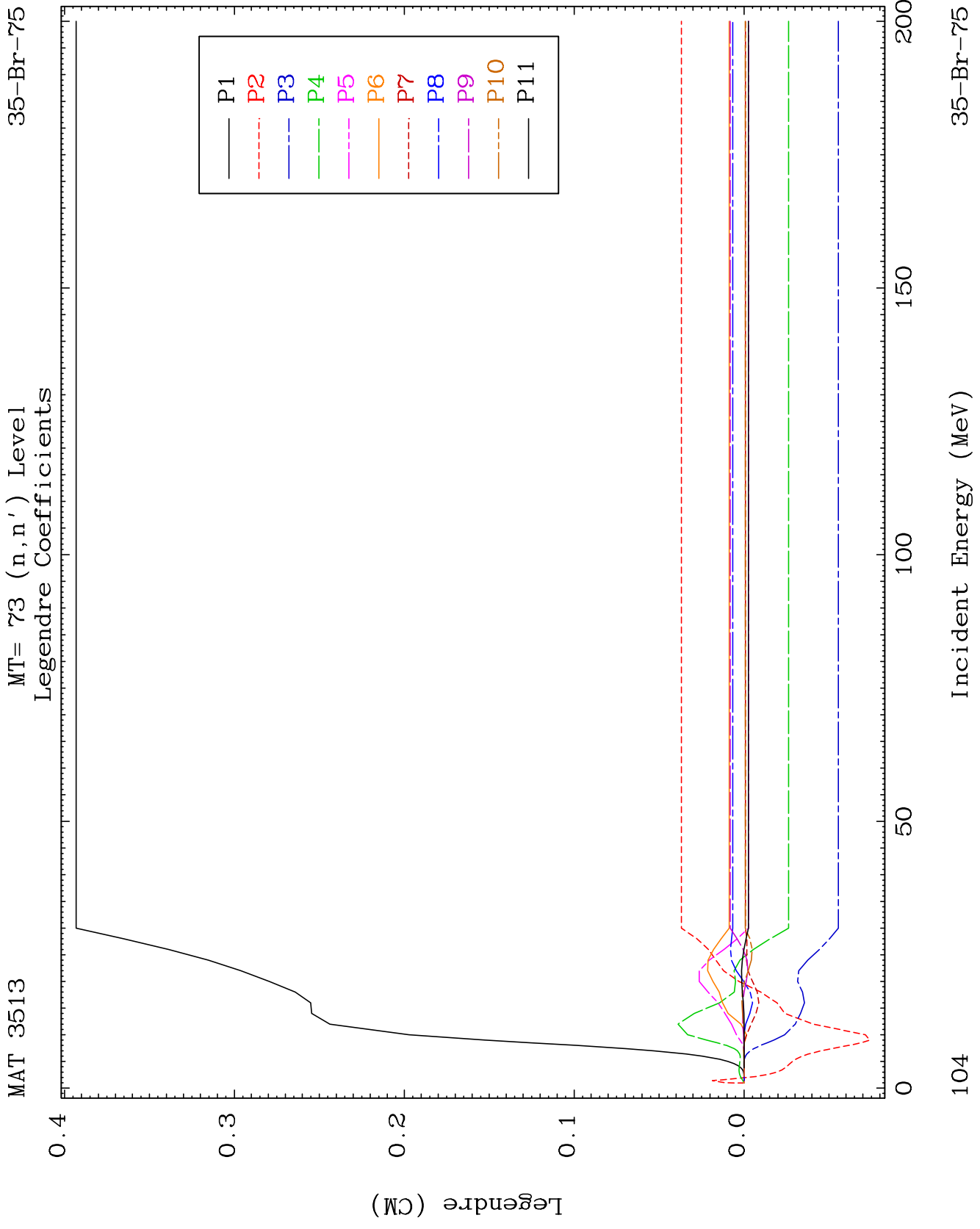
35-Br-75

MAT 3513

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

35-Br-75

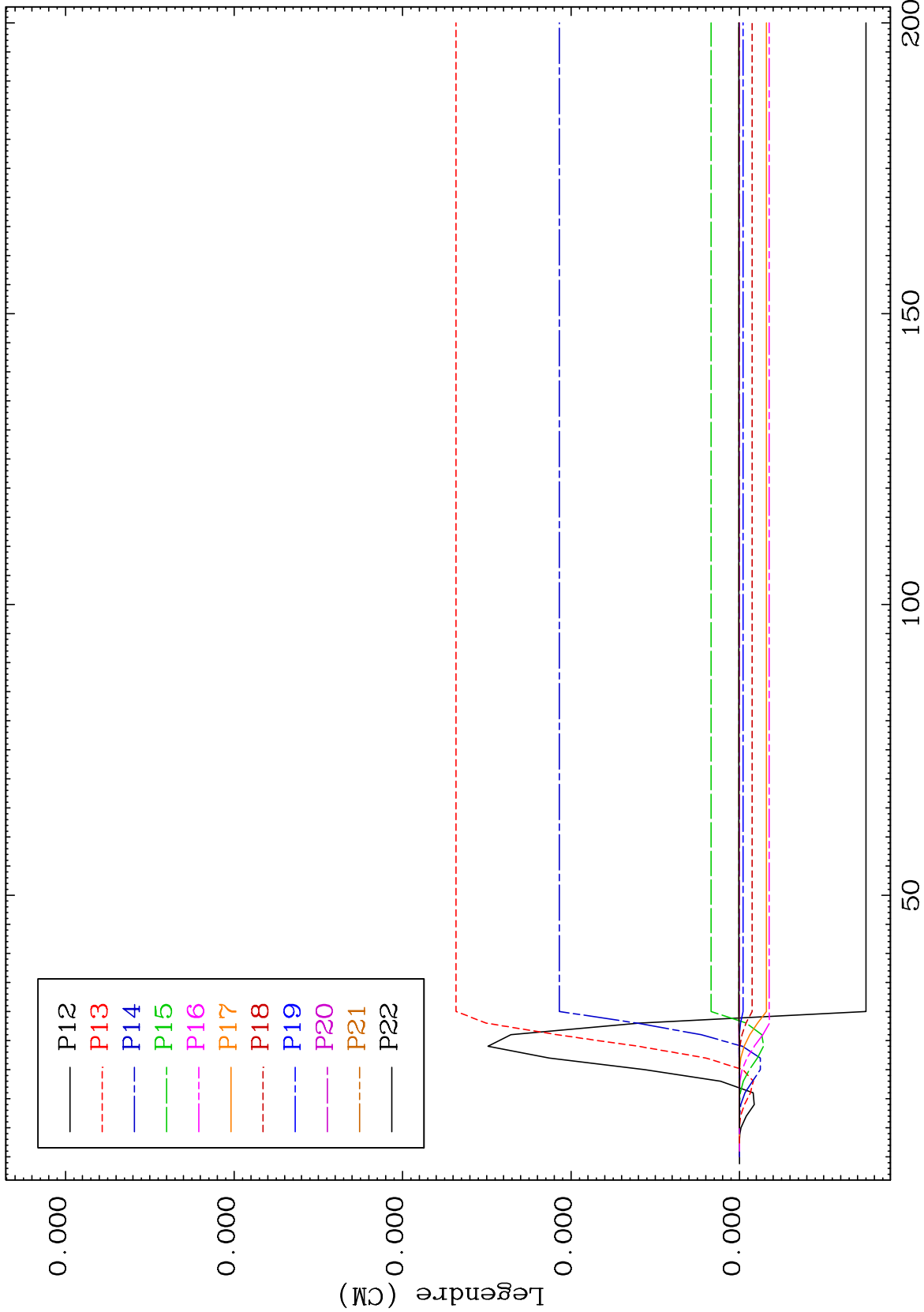




MAT 3513

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

35-Br-75



105

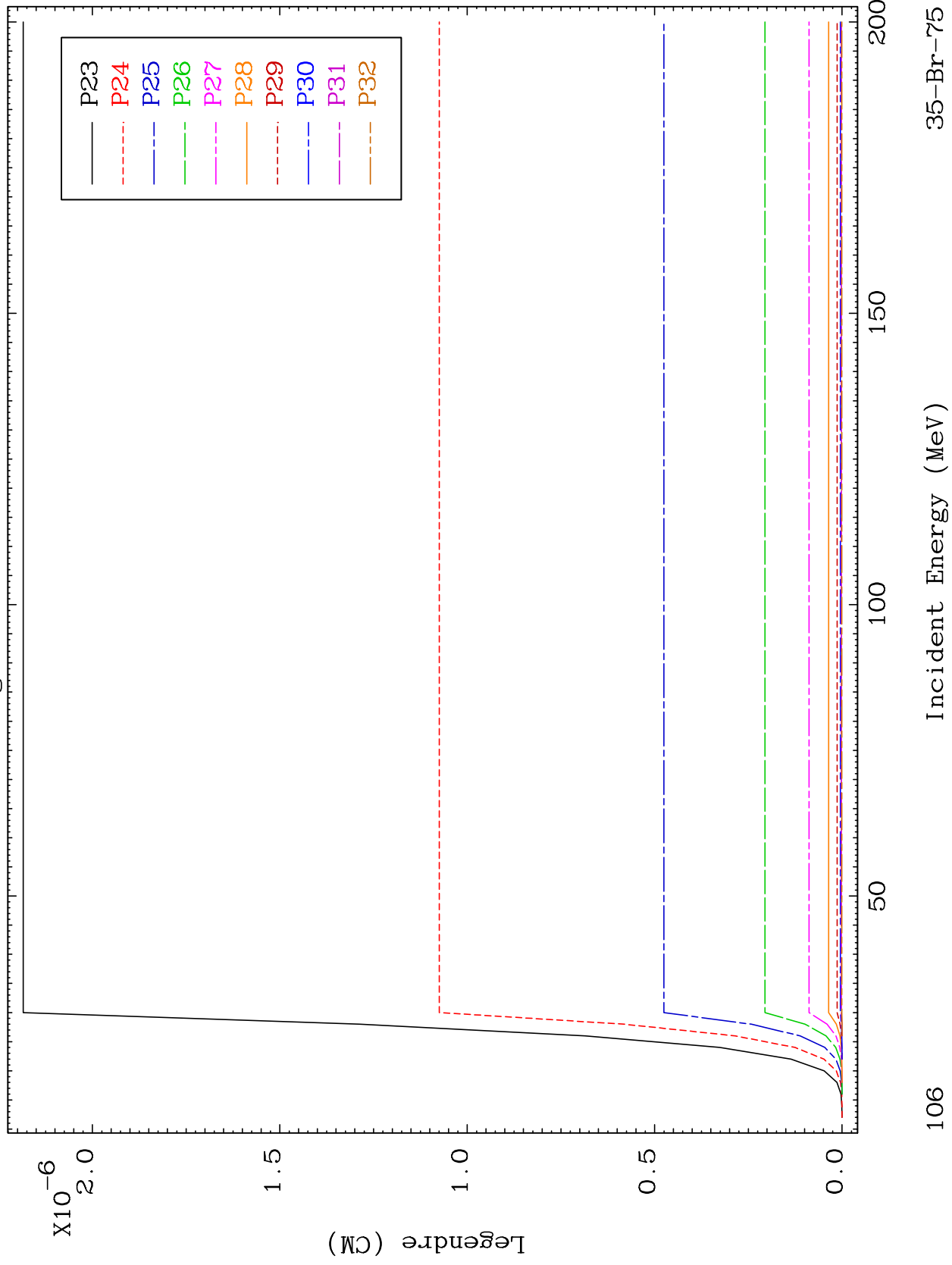
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75

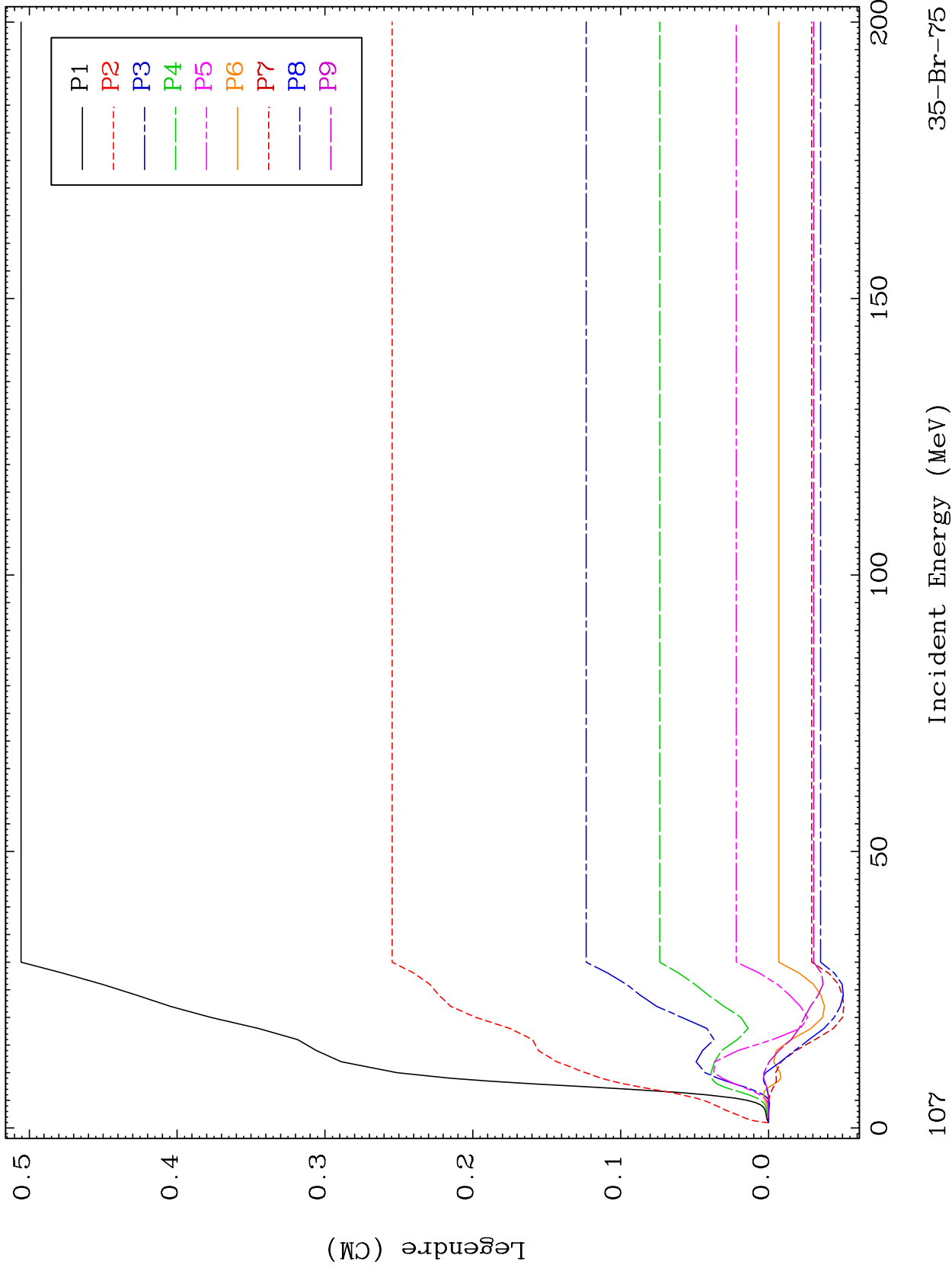


106

MAT 3513

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

35-Br-75



107

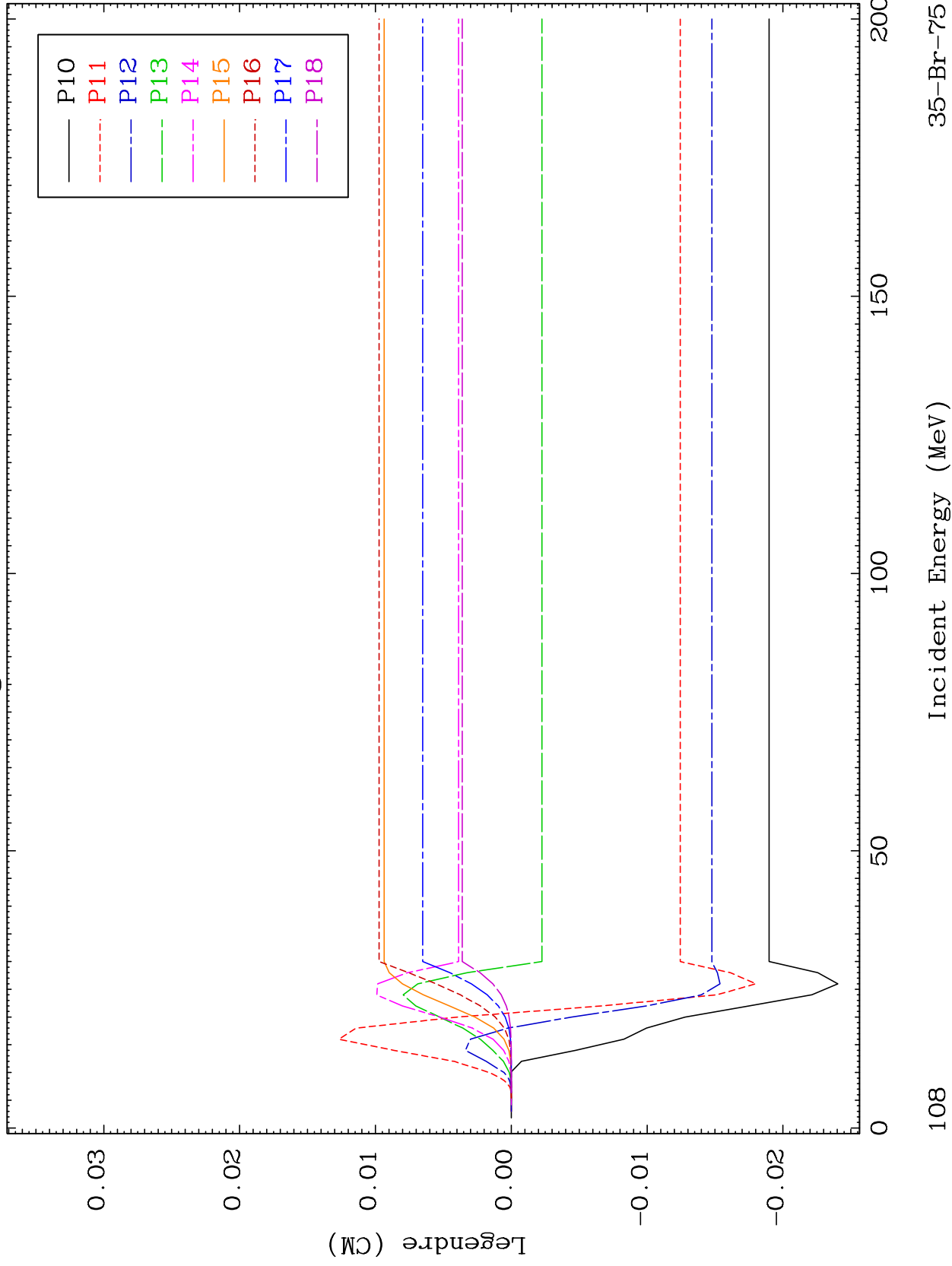
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



108

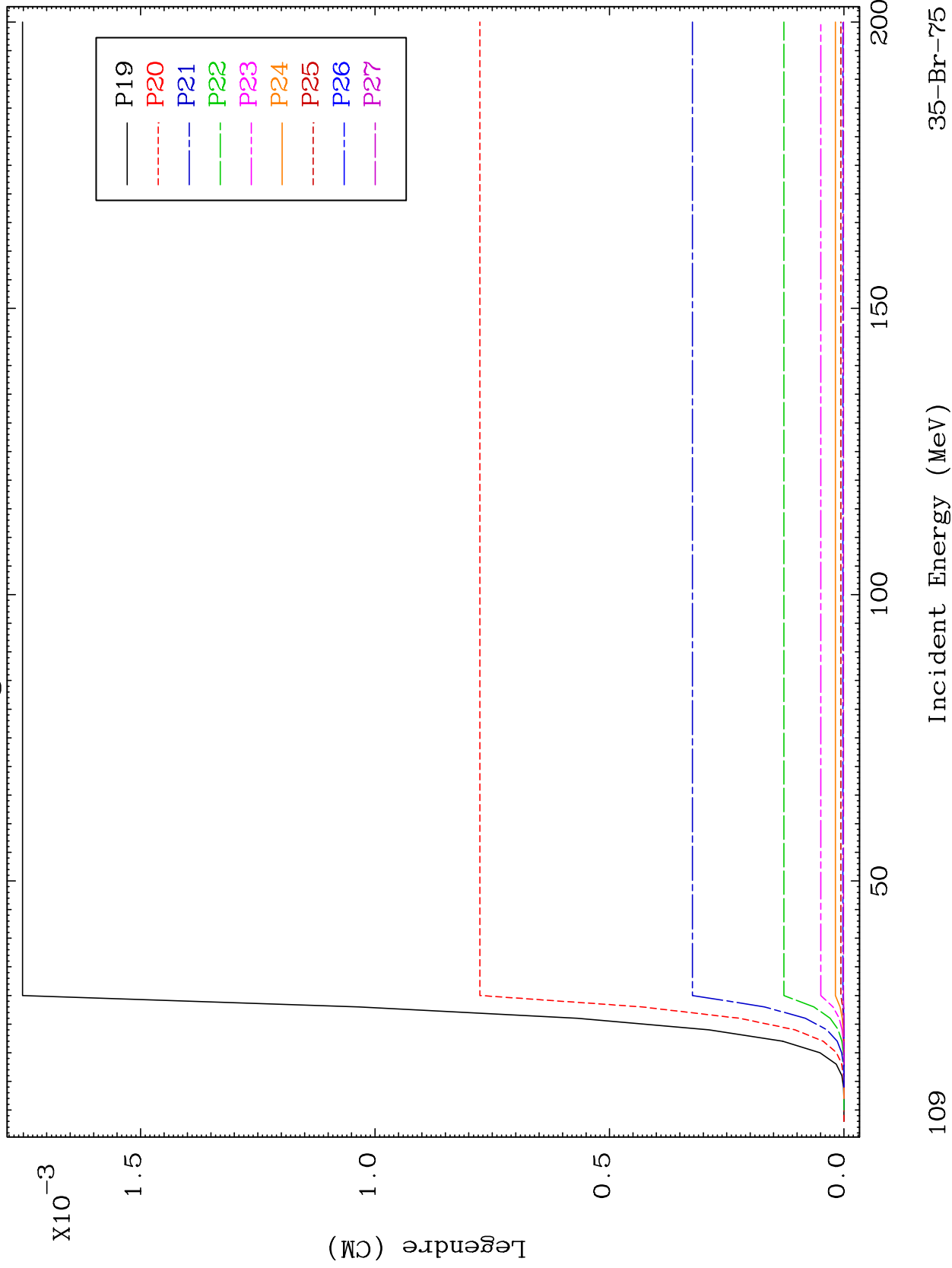
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75

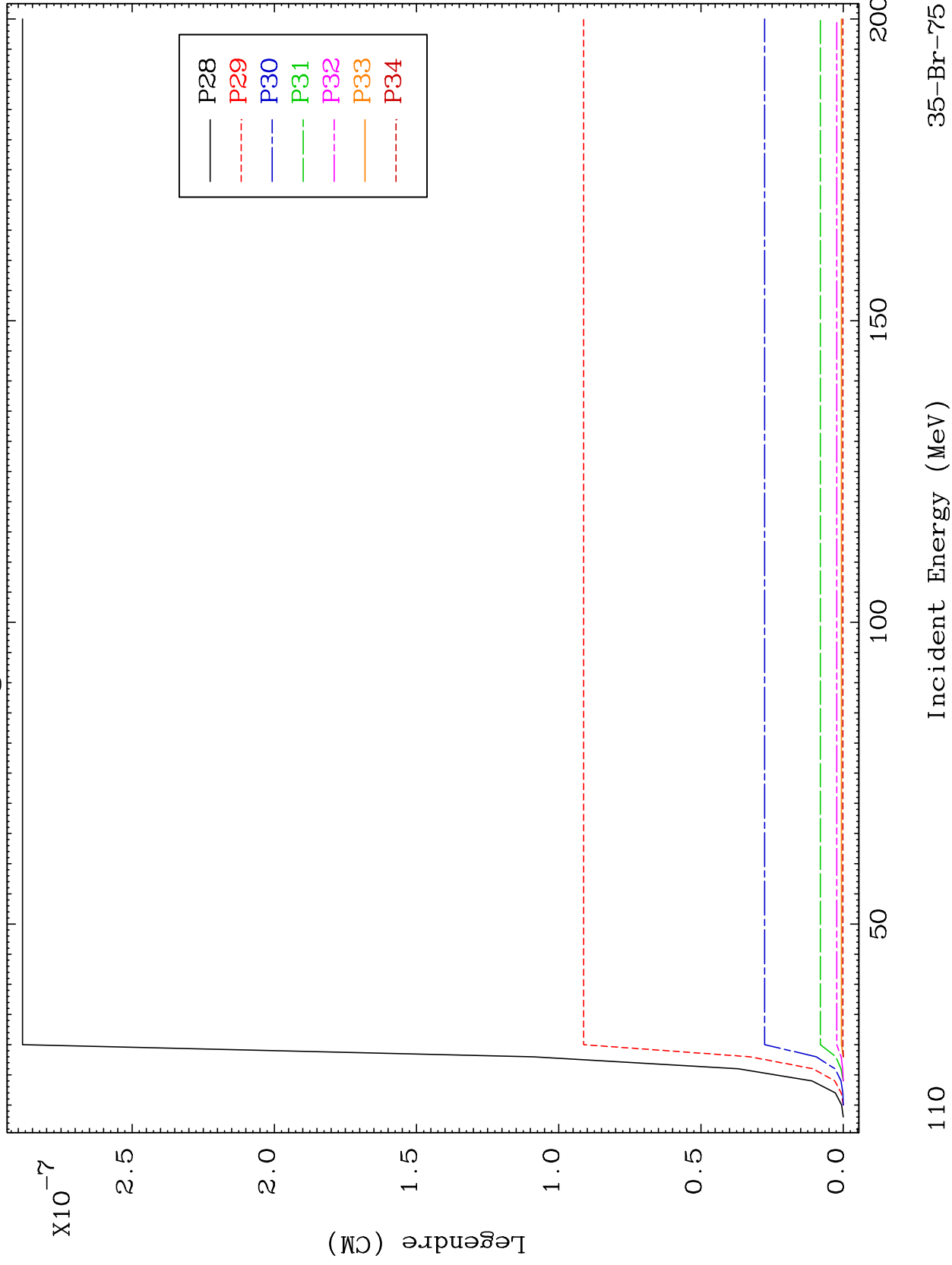


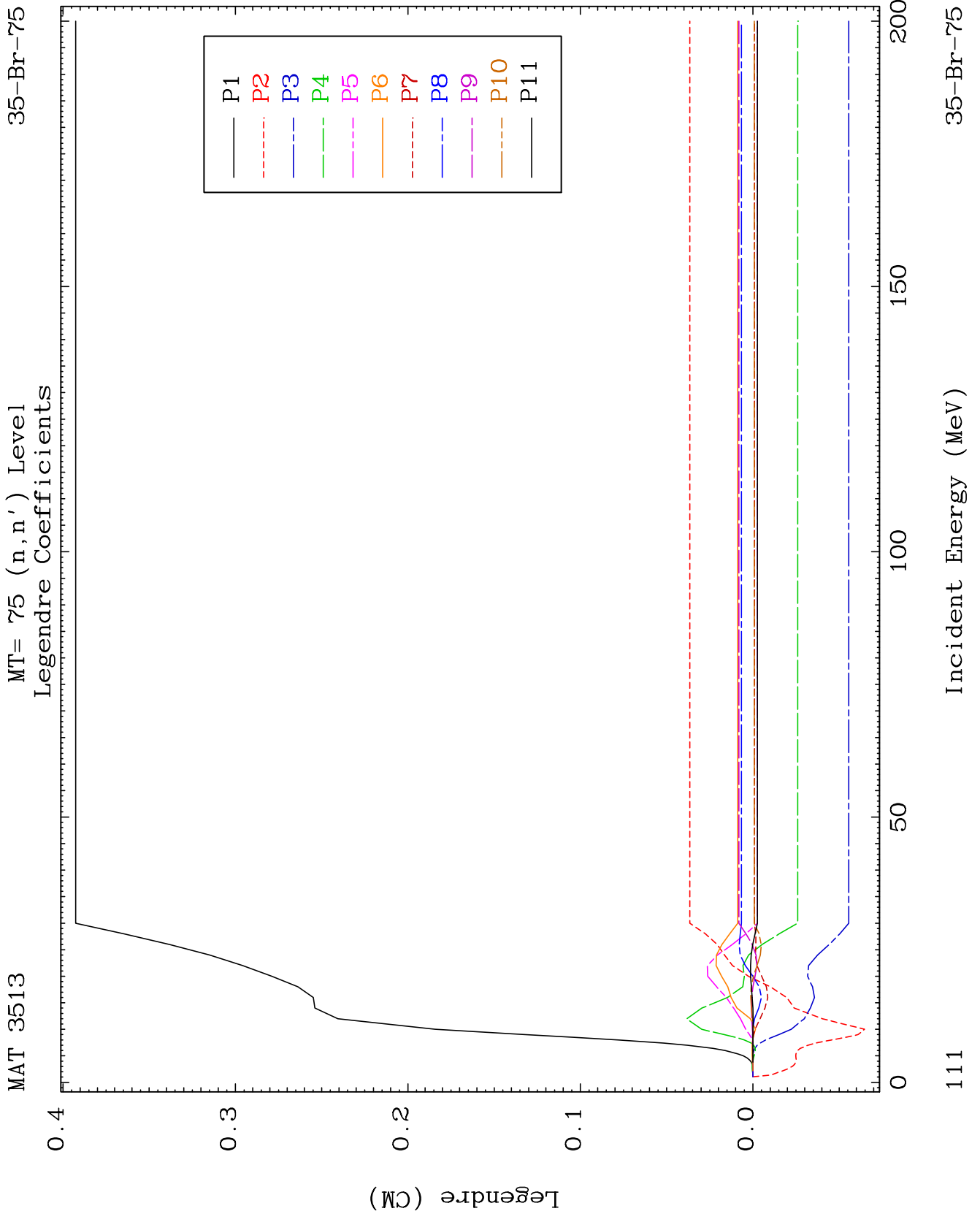
109

MAT 3513

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

35-Br-75

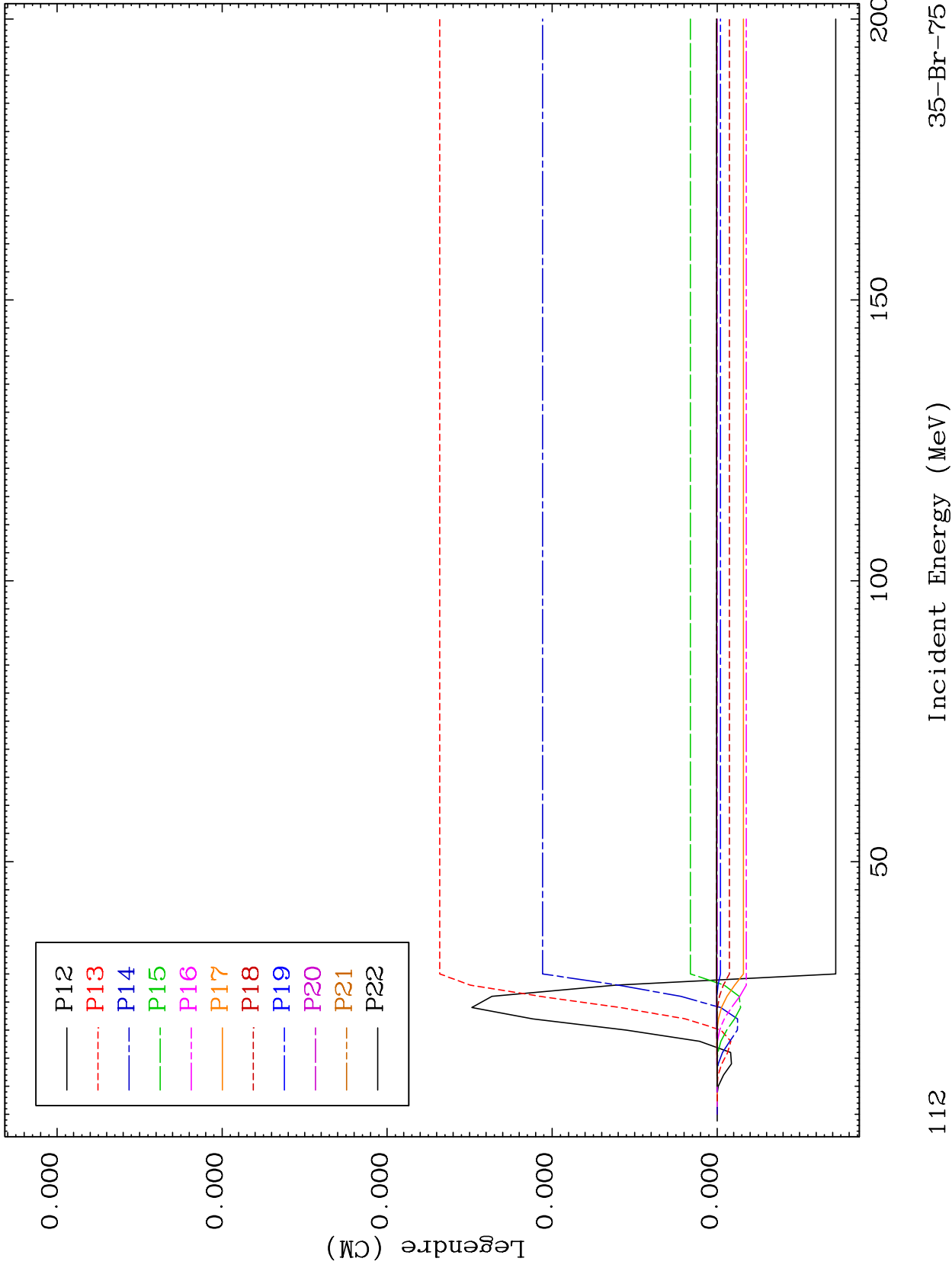




MAT 3513

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

35-Br-75

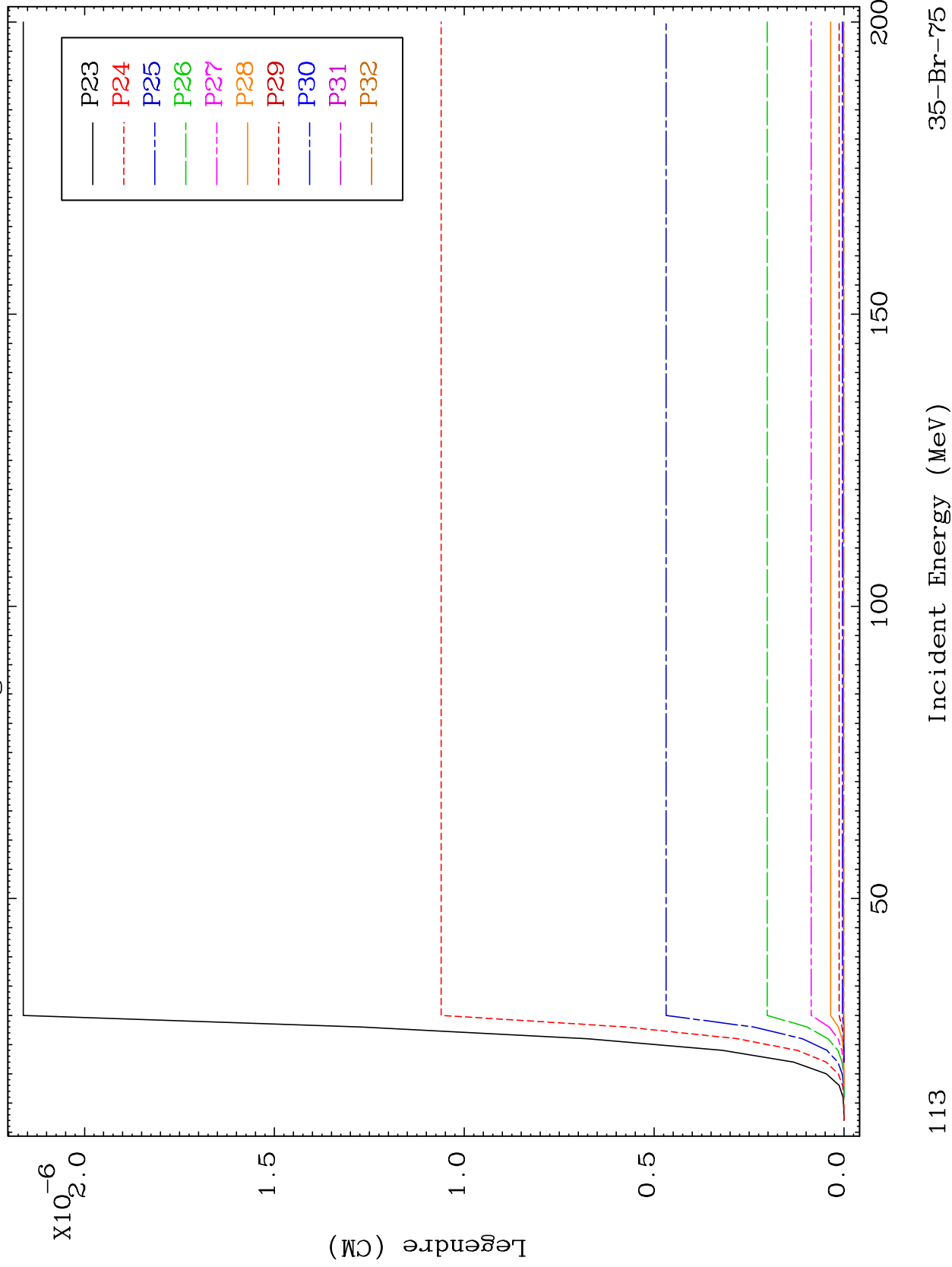


112

MAT 3513

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

35-Br-75

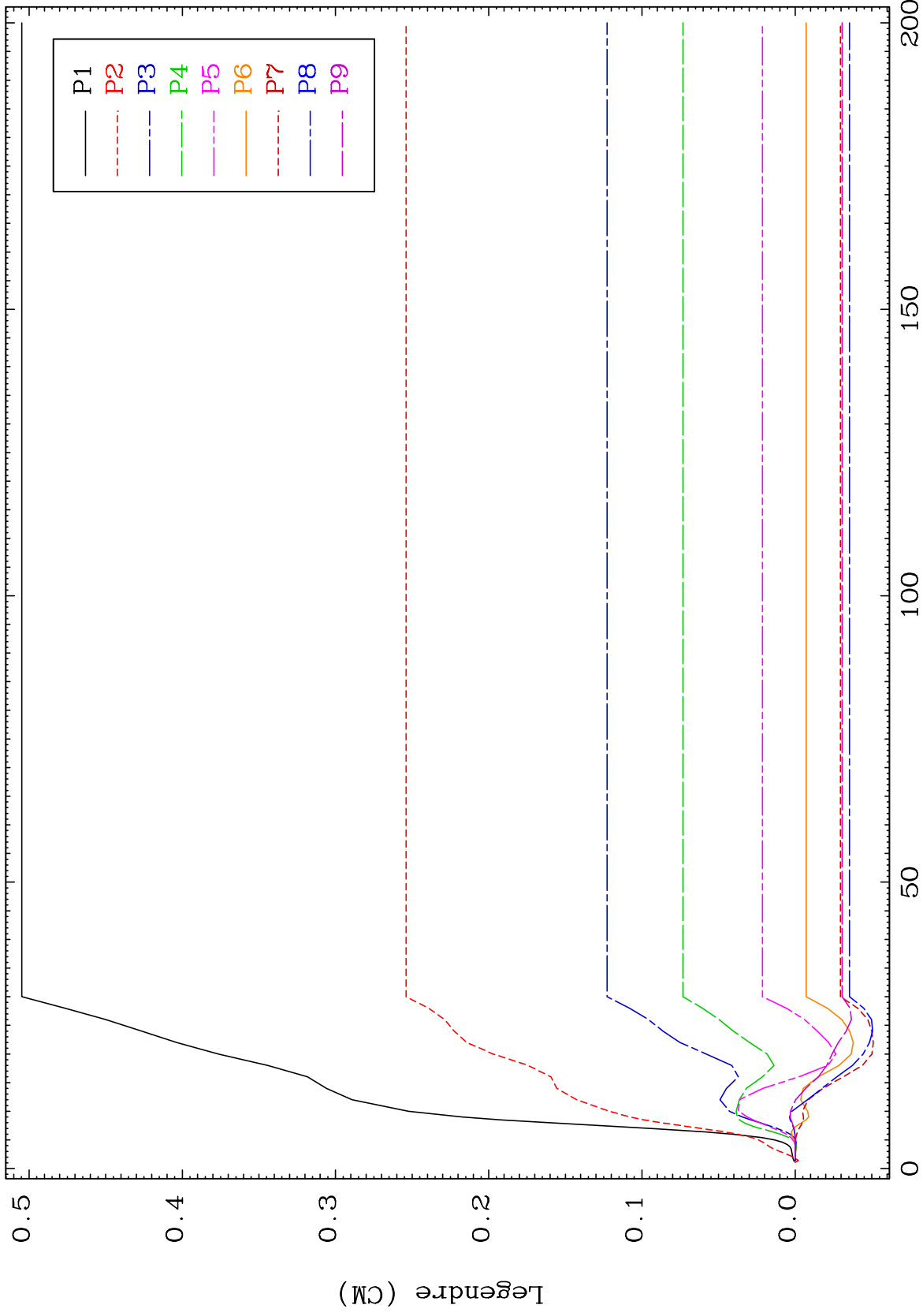


113

MAT 3513

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

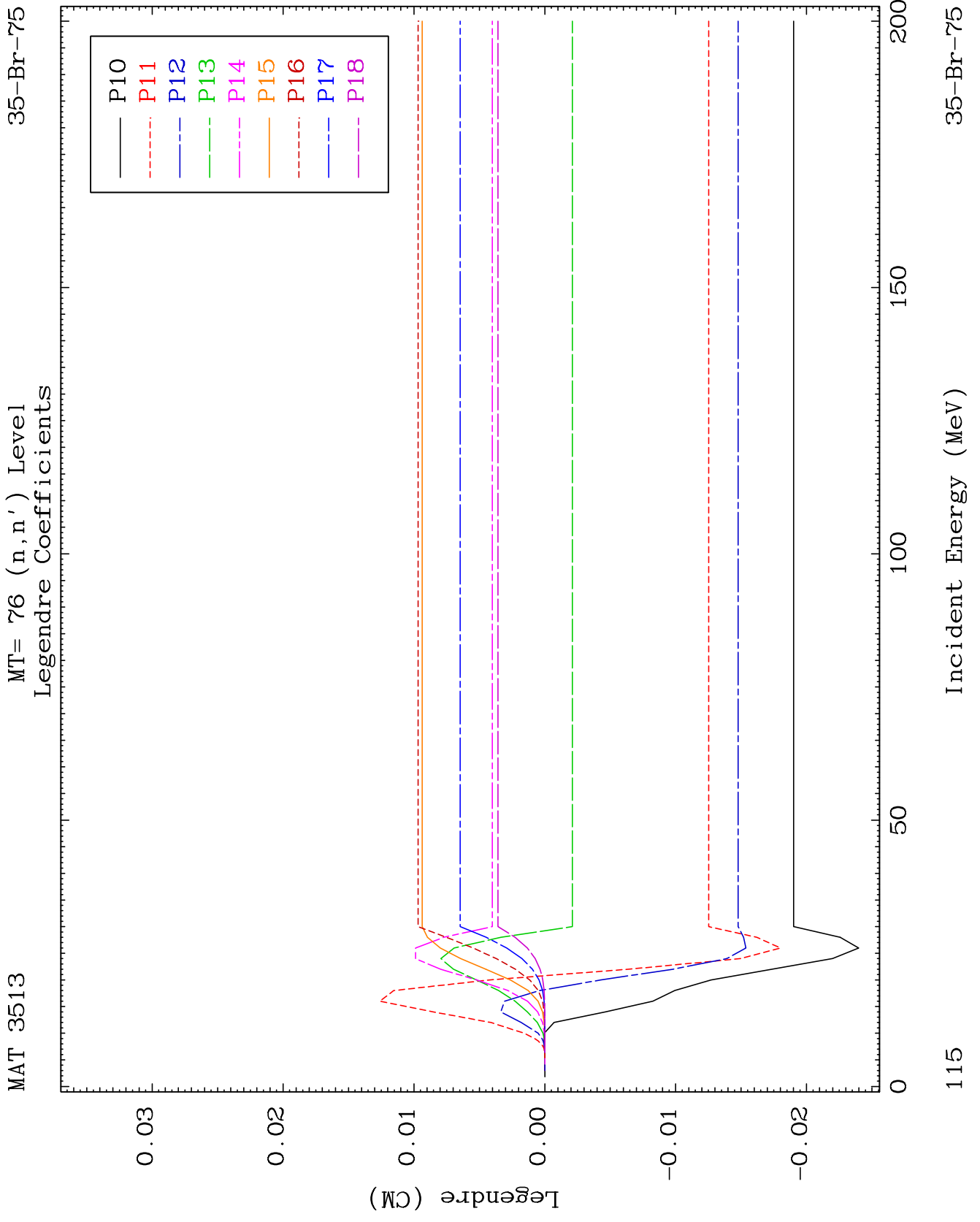
35-Br-75



114

Incident Energy (MeV)

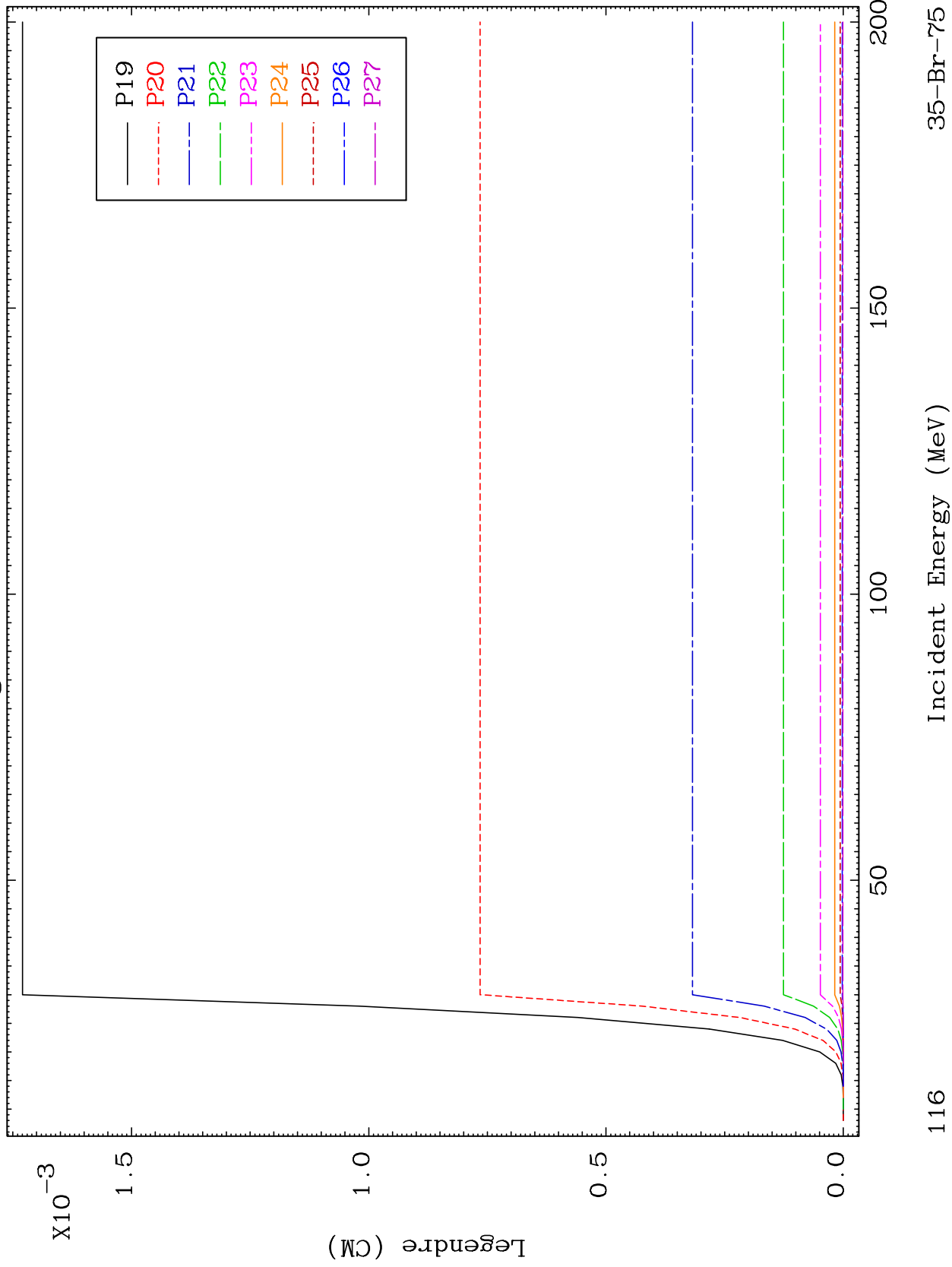
35-Br-75



MAT 3513

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

35-Br-75



116

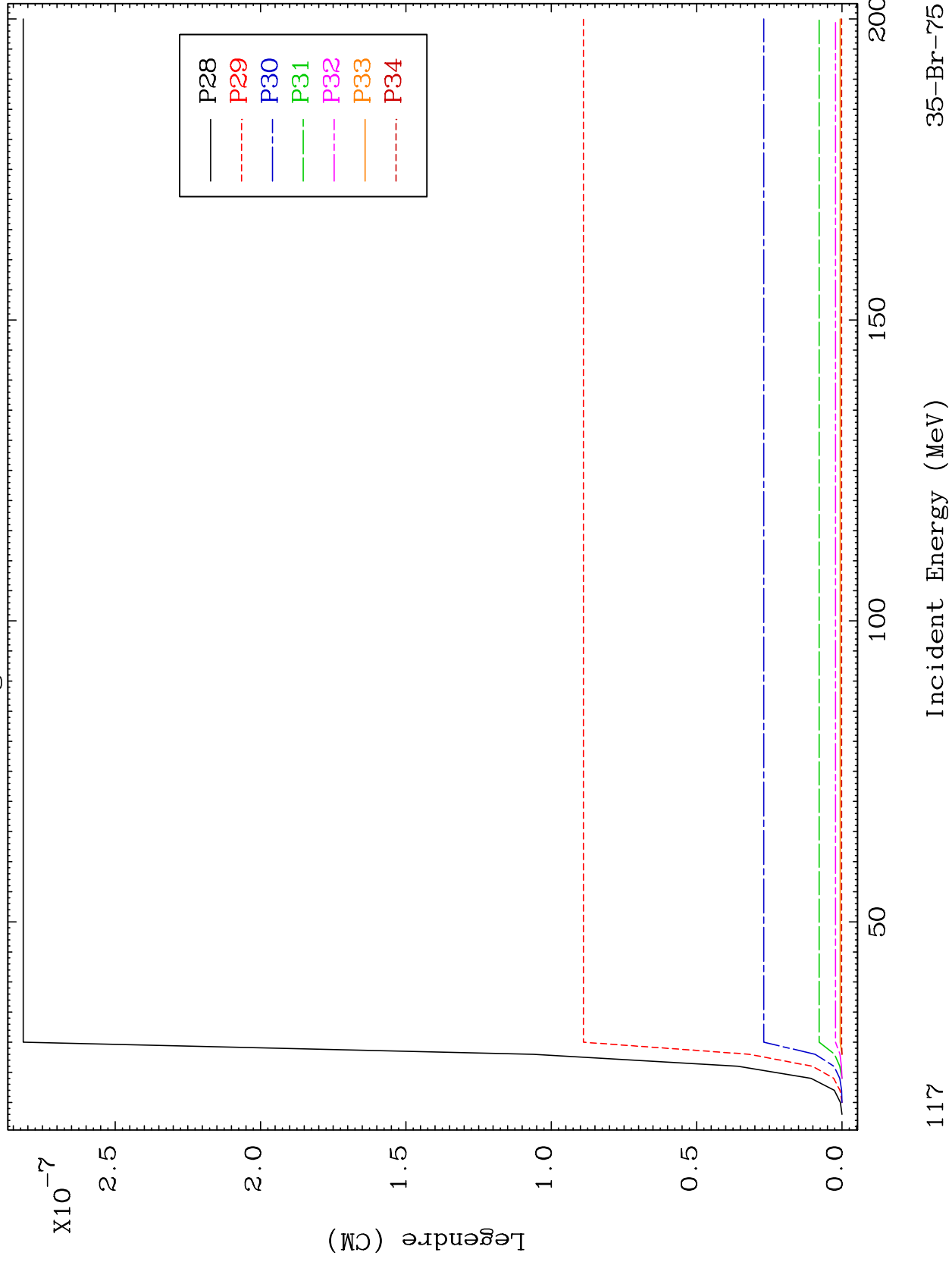
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



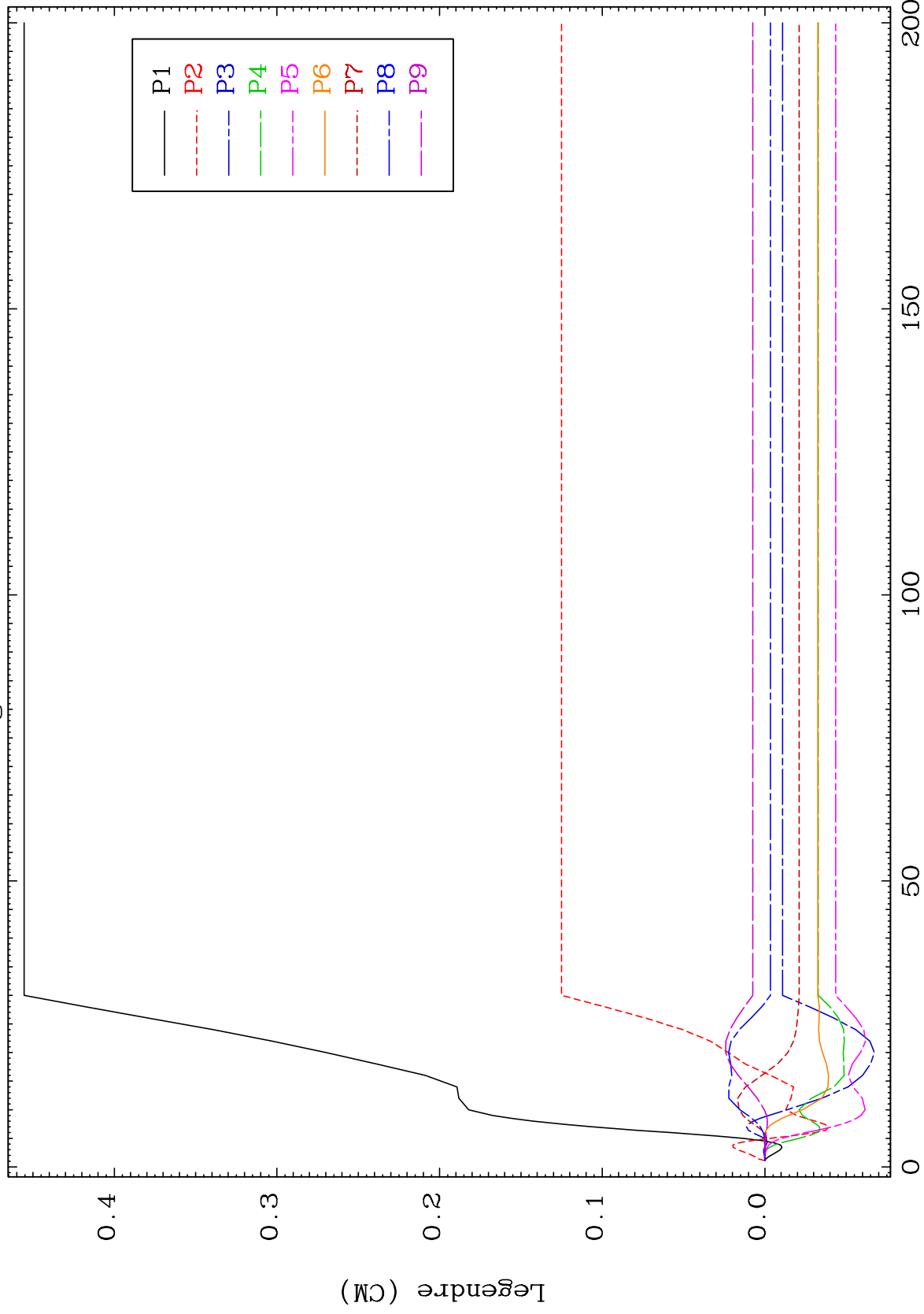
117

35-Br-75

MAT 3513

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

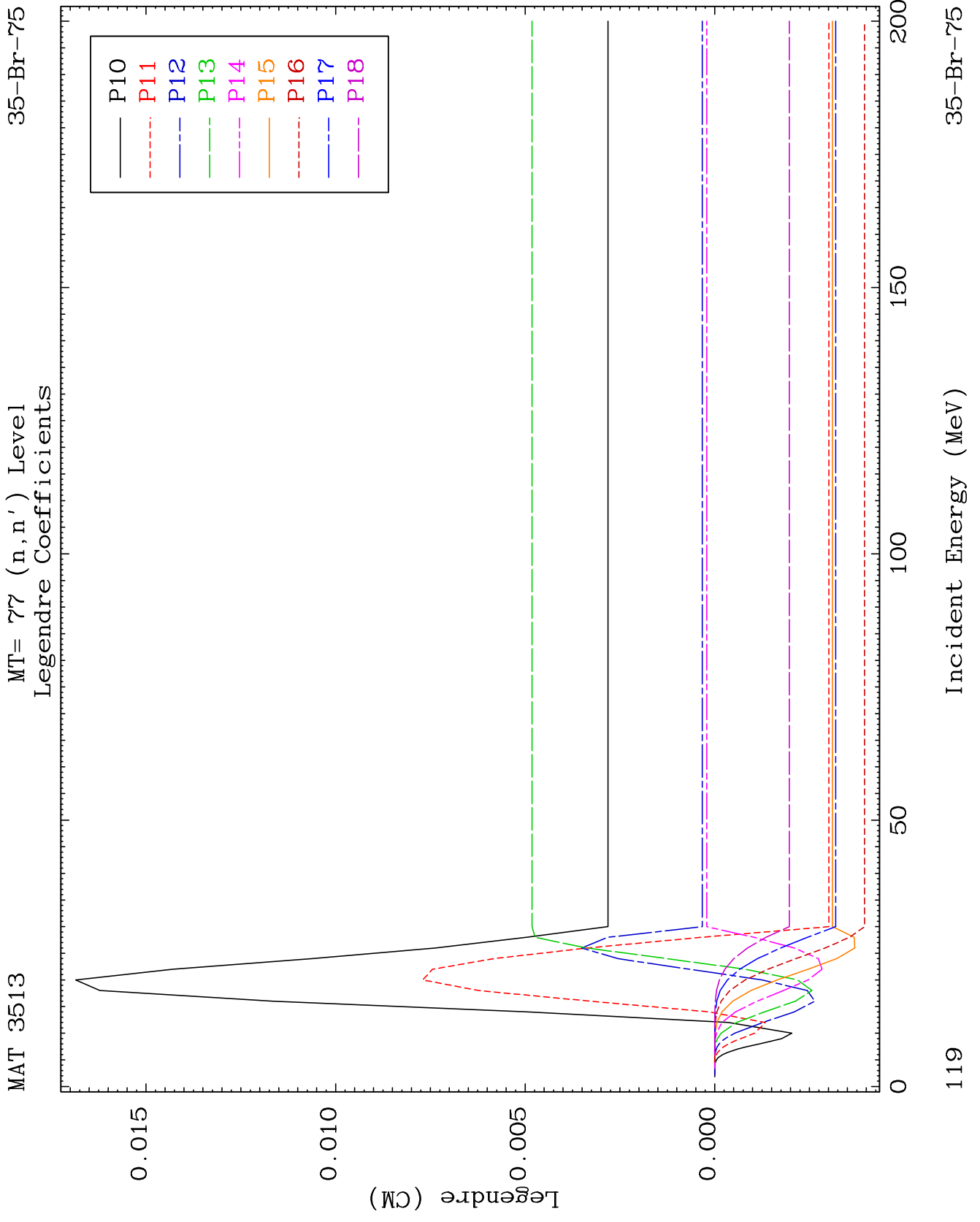
35-Br-75

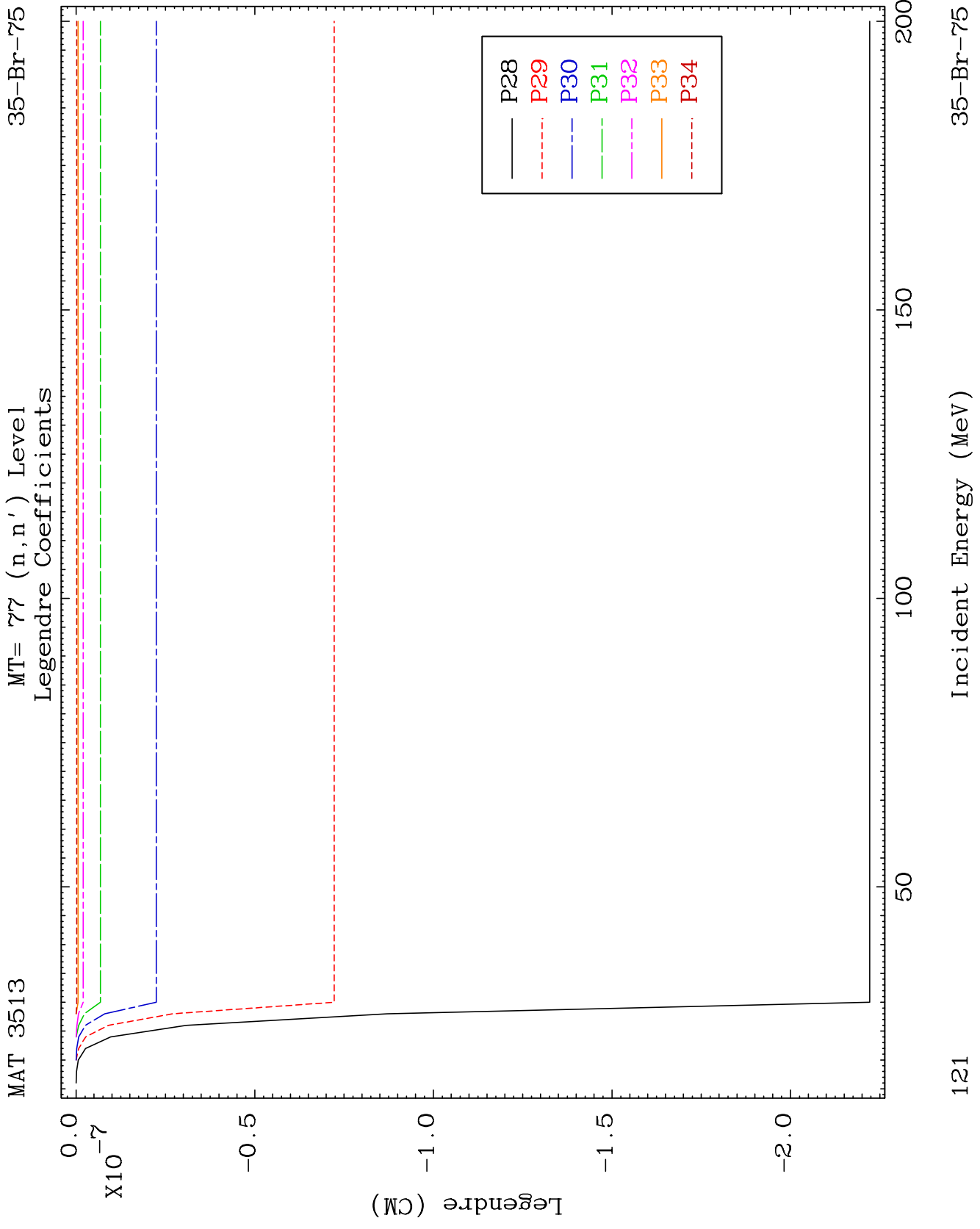


118

Incident Energy (MeV)

35-Br-75

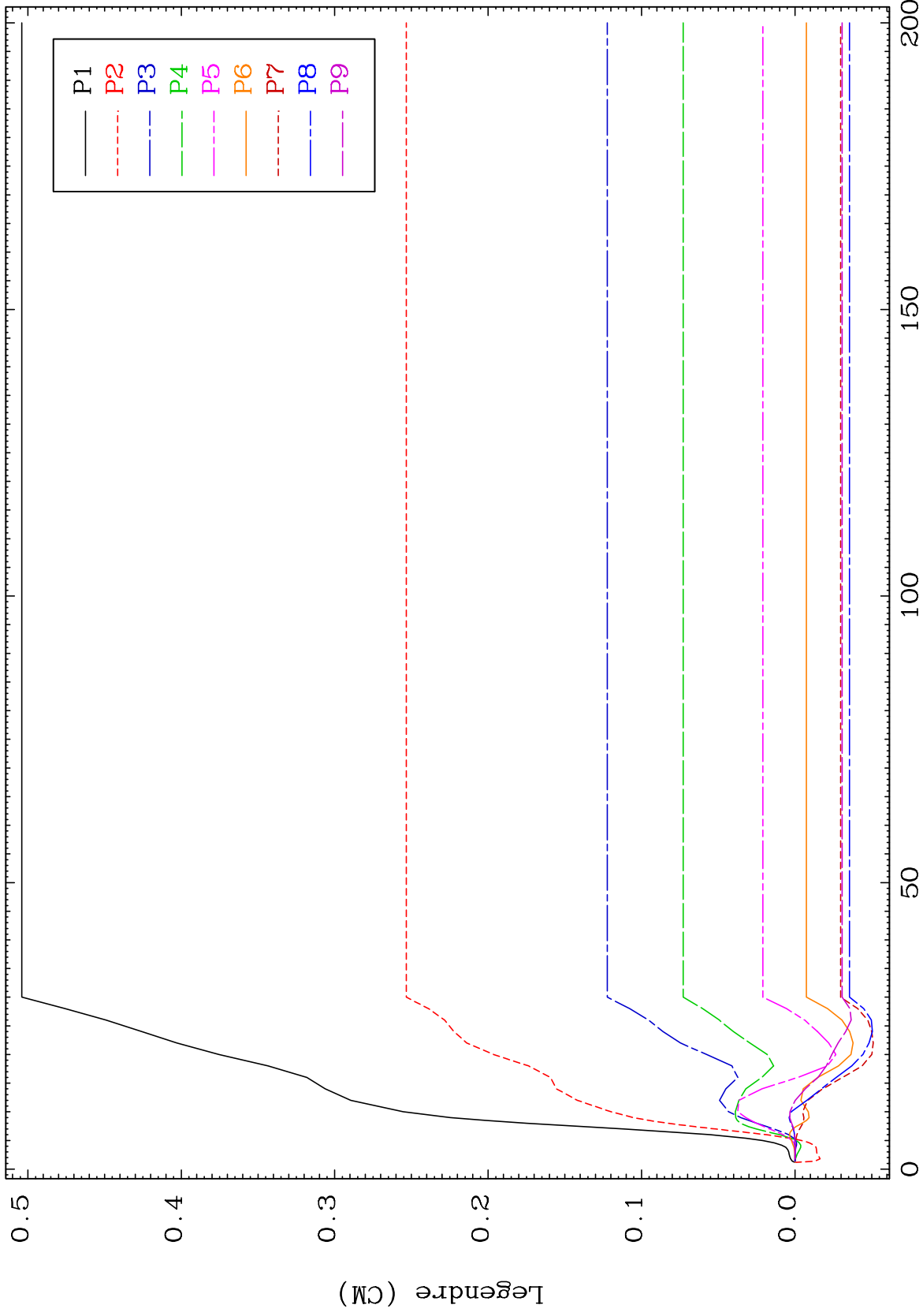




MAT 3513

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

35-Br-75



35-Br-75

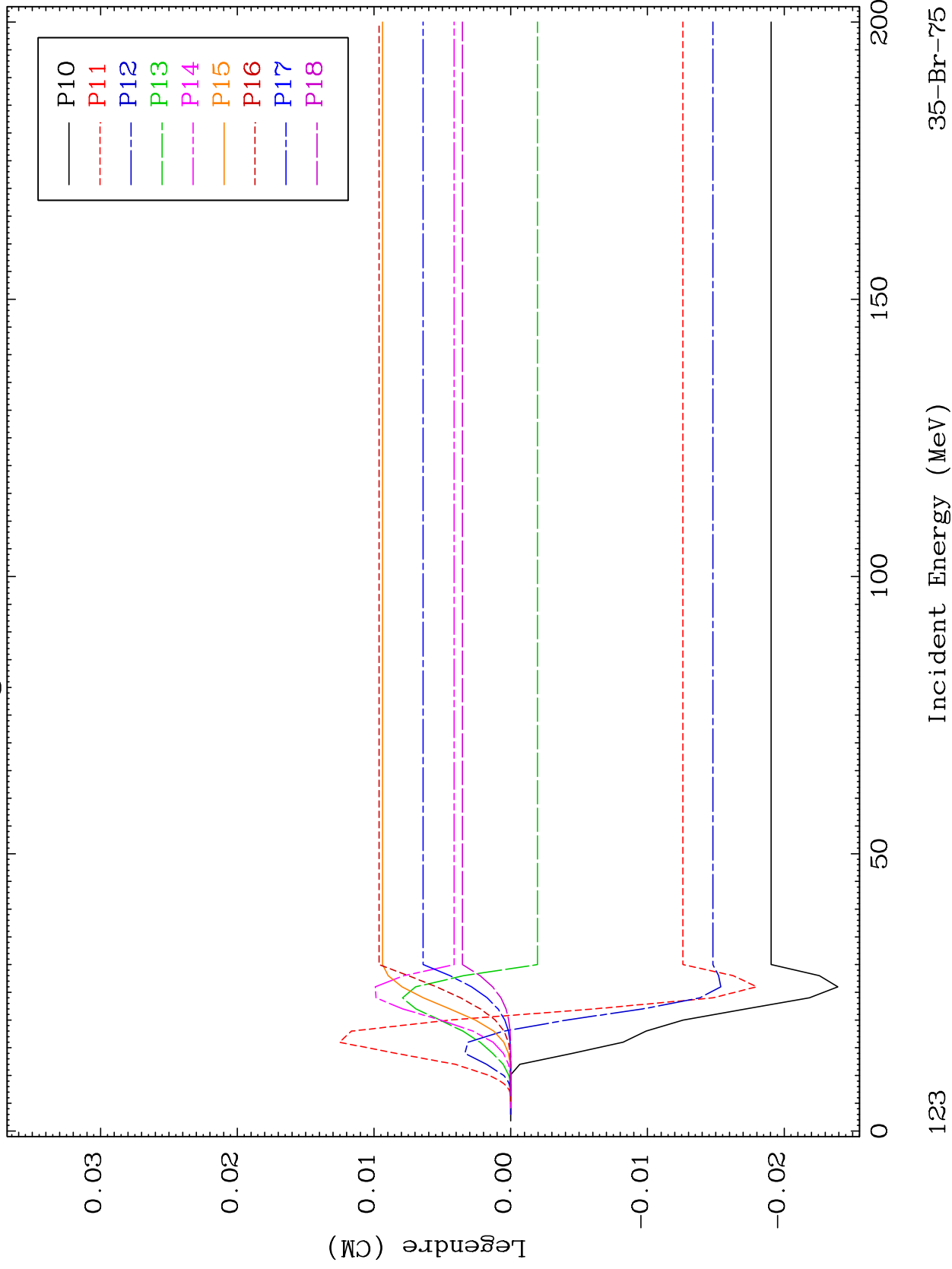
Incident Energy (MeV)

122

MAT 3513

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

35-Br-75



123

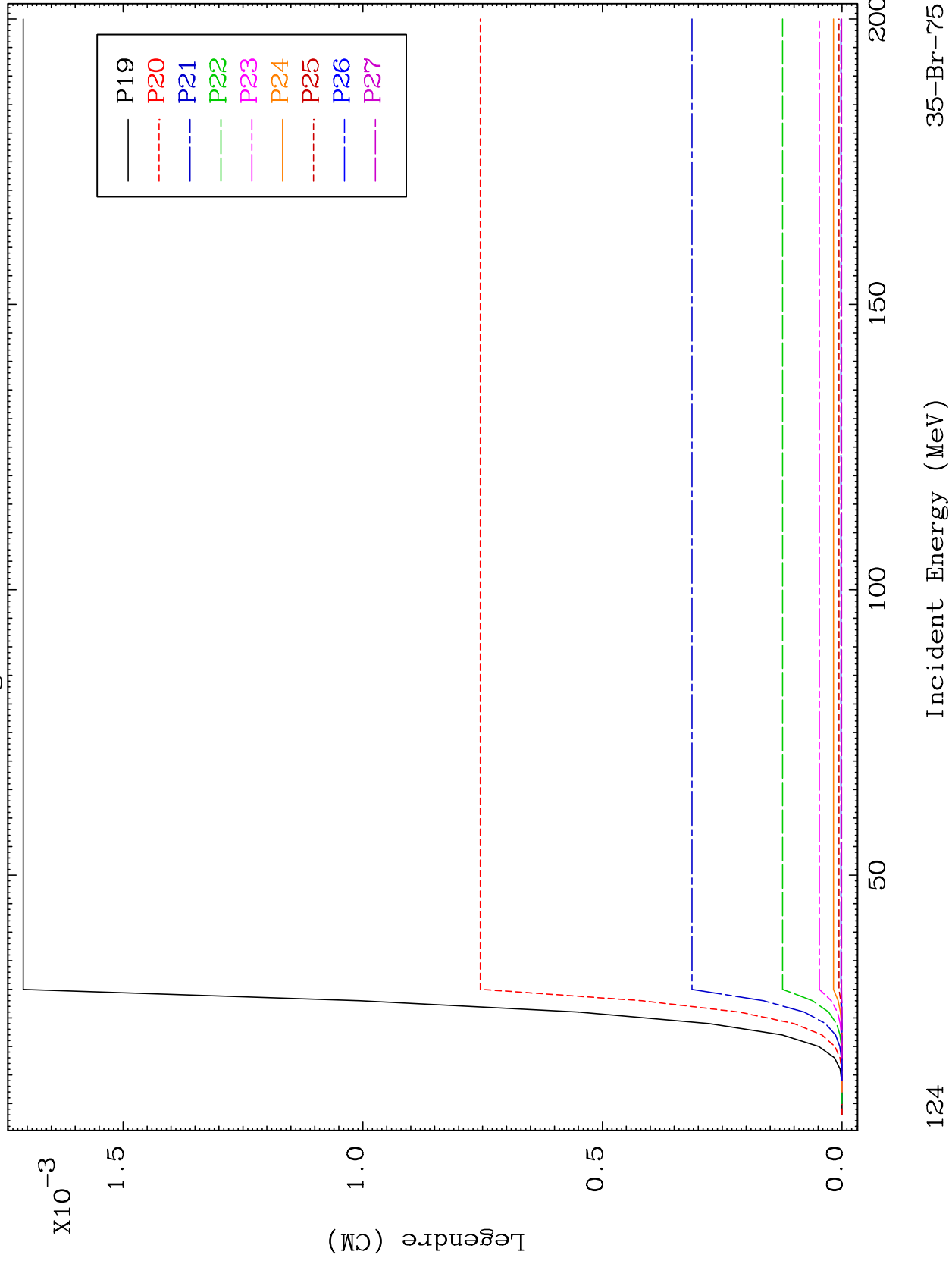
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



124

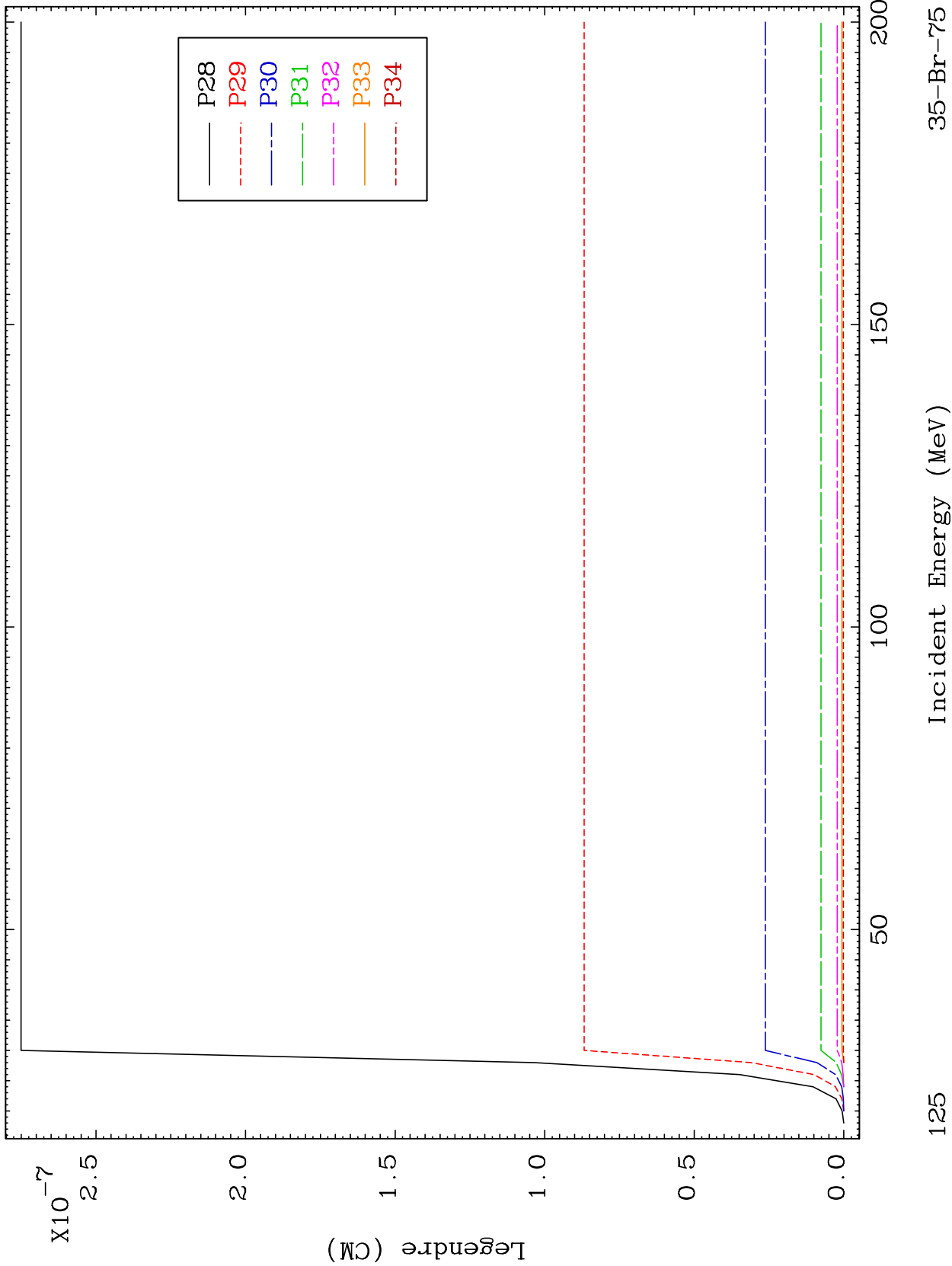
Incident Energy (MeV)

35-Br-75

MAT 3513

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

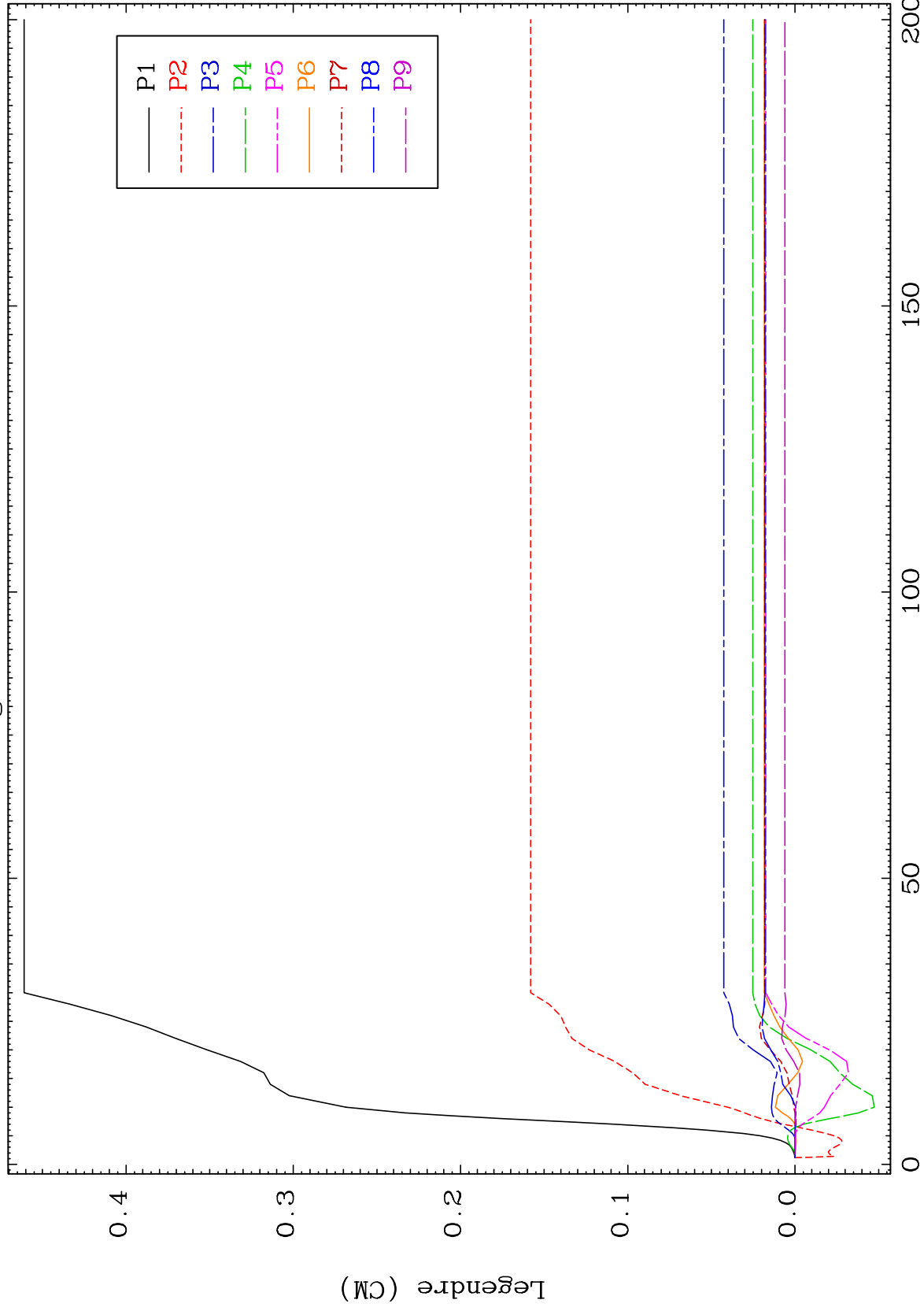
35-Br-75



MAT 3513

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

35-Br-75



126

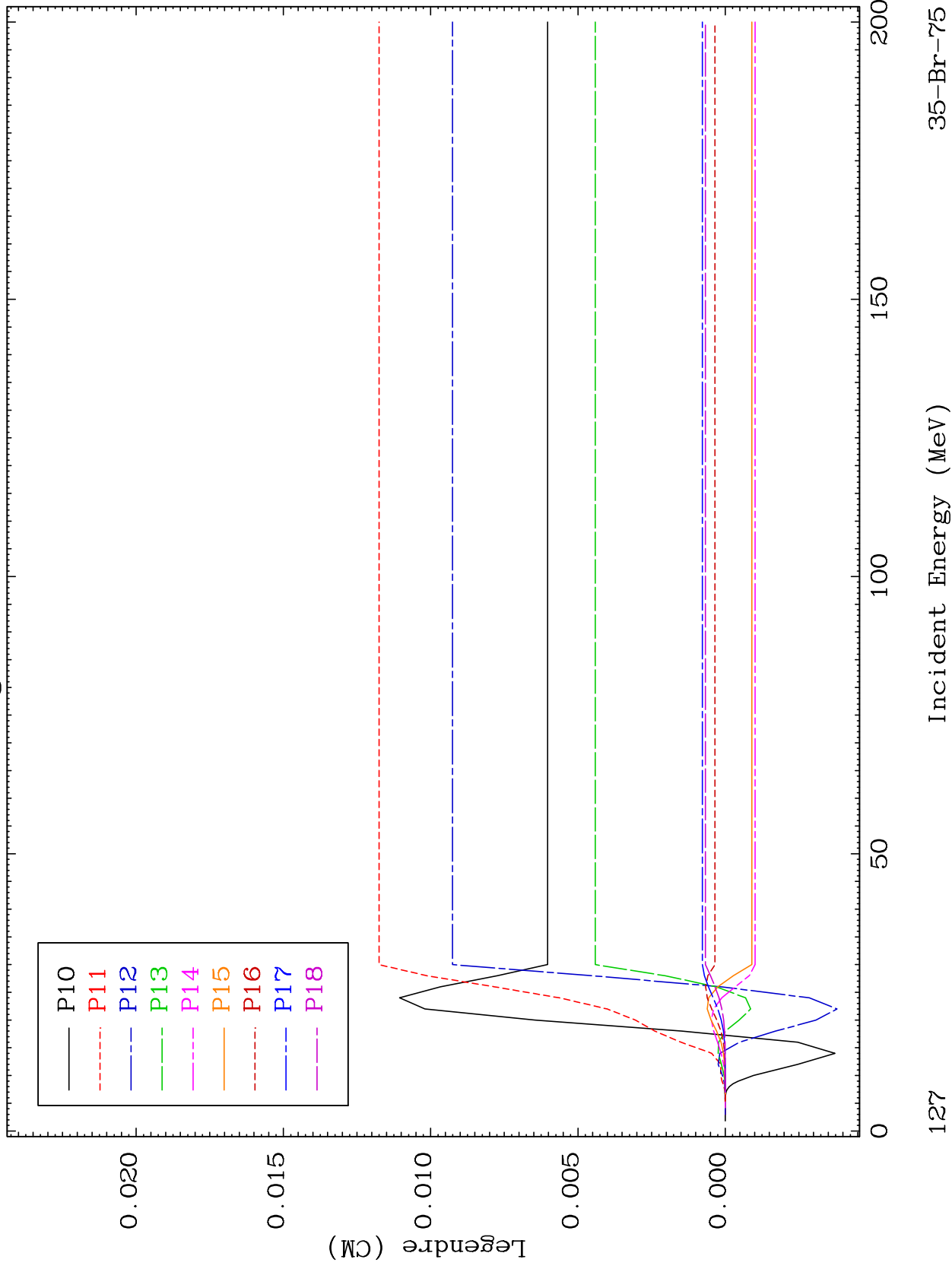
Incident Energy (MeV)

35-Br-75

MAT 3513

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

35-Br-75



127

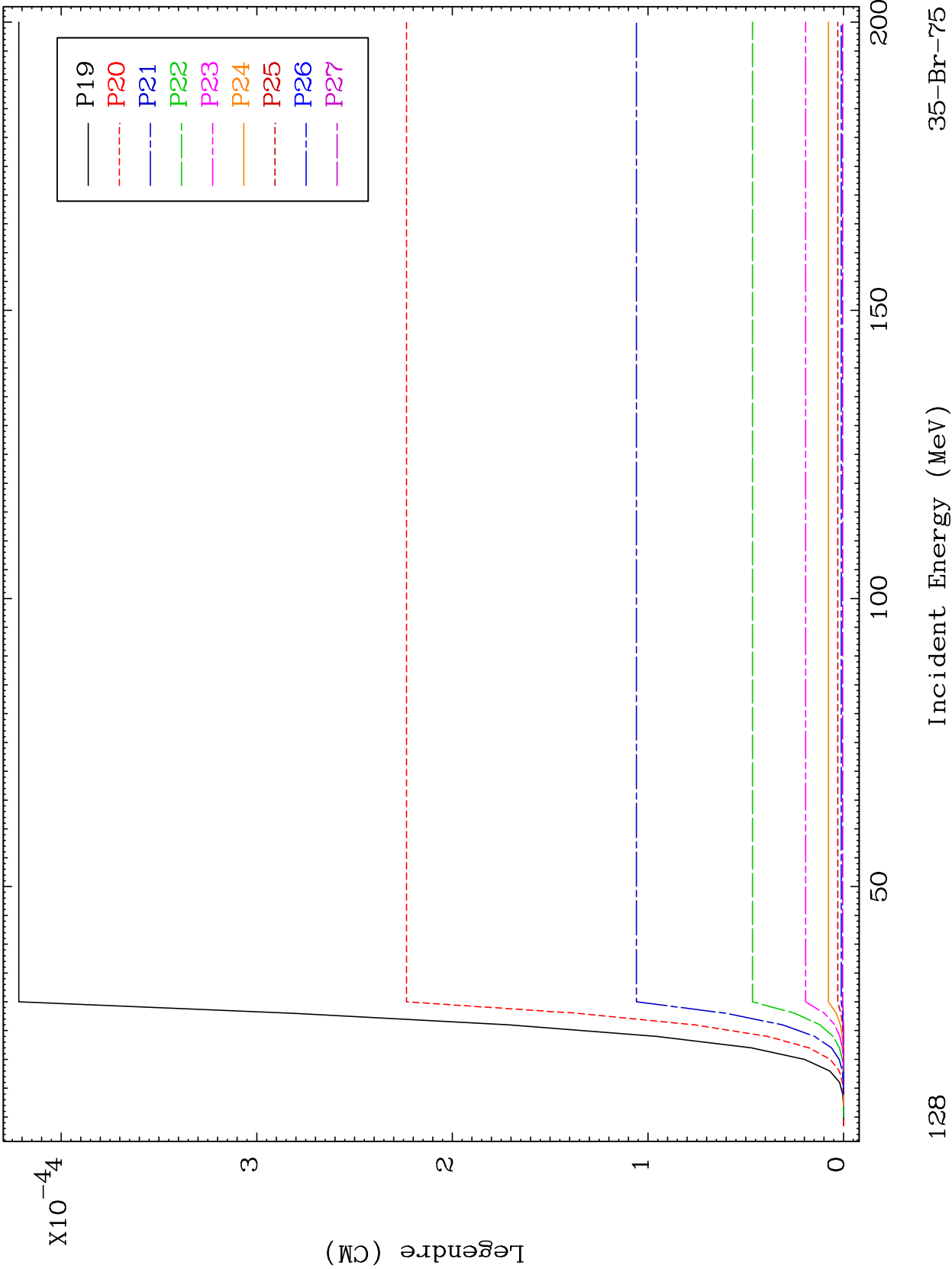
Incident Energy (MeV)

35-Br-75

MAT 3513

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

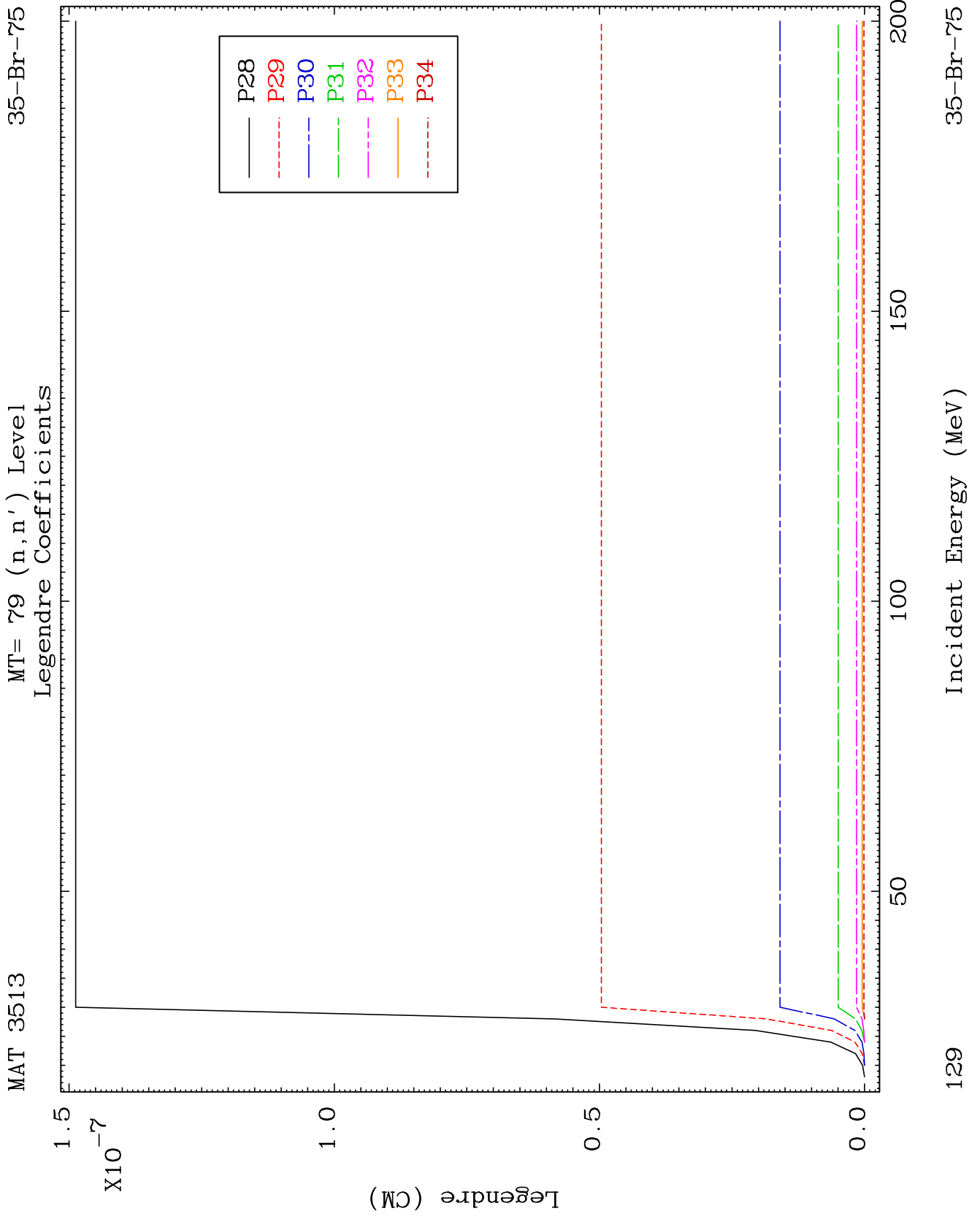
35-Br-75

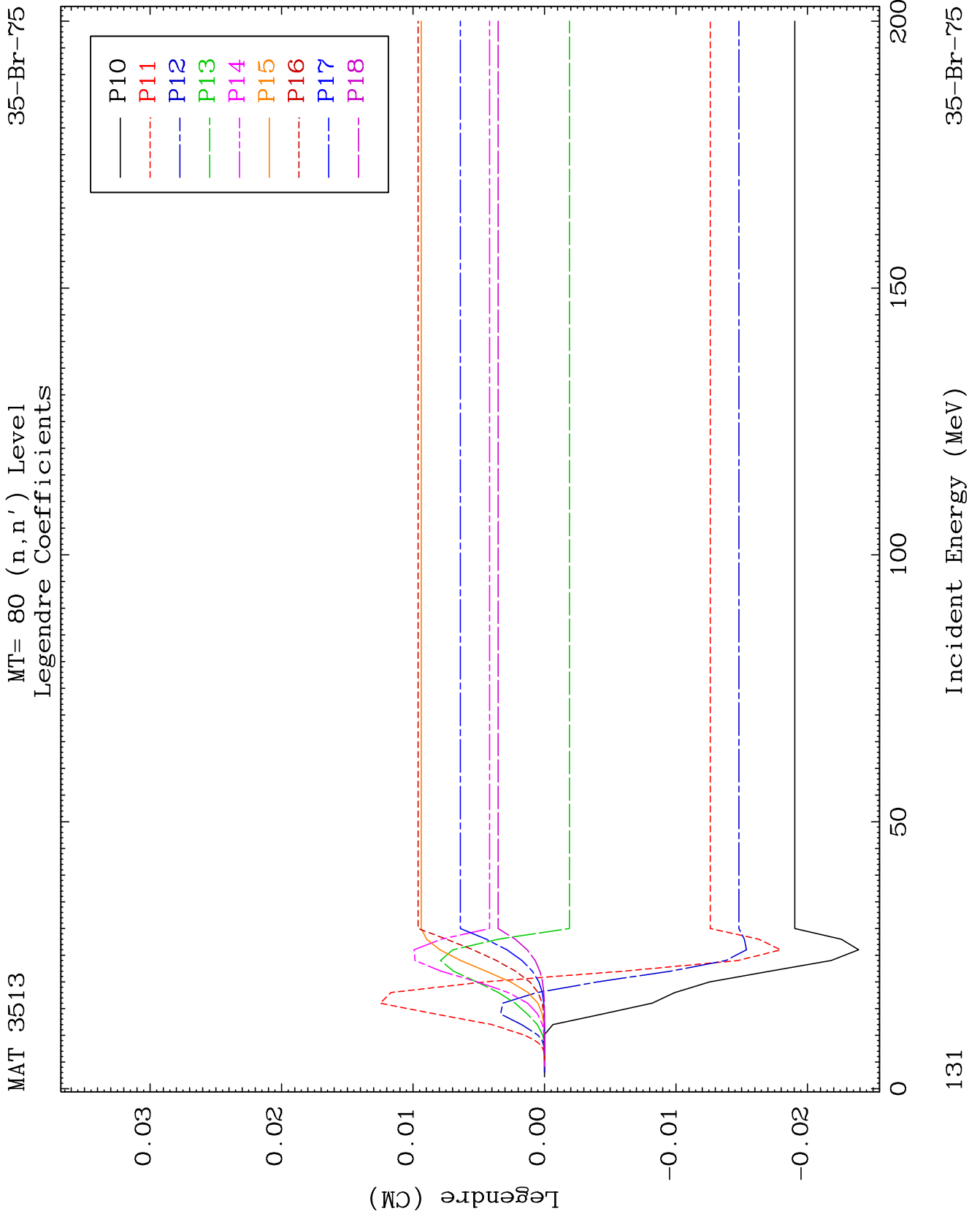


128

Incident Energy (MeV)

35-Br-75

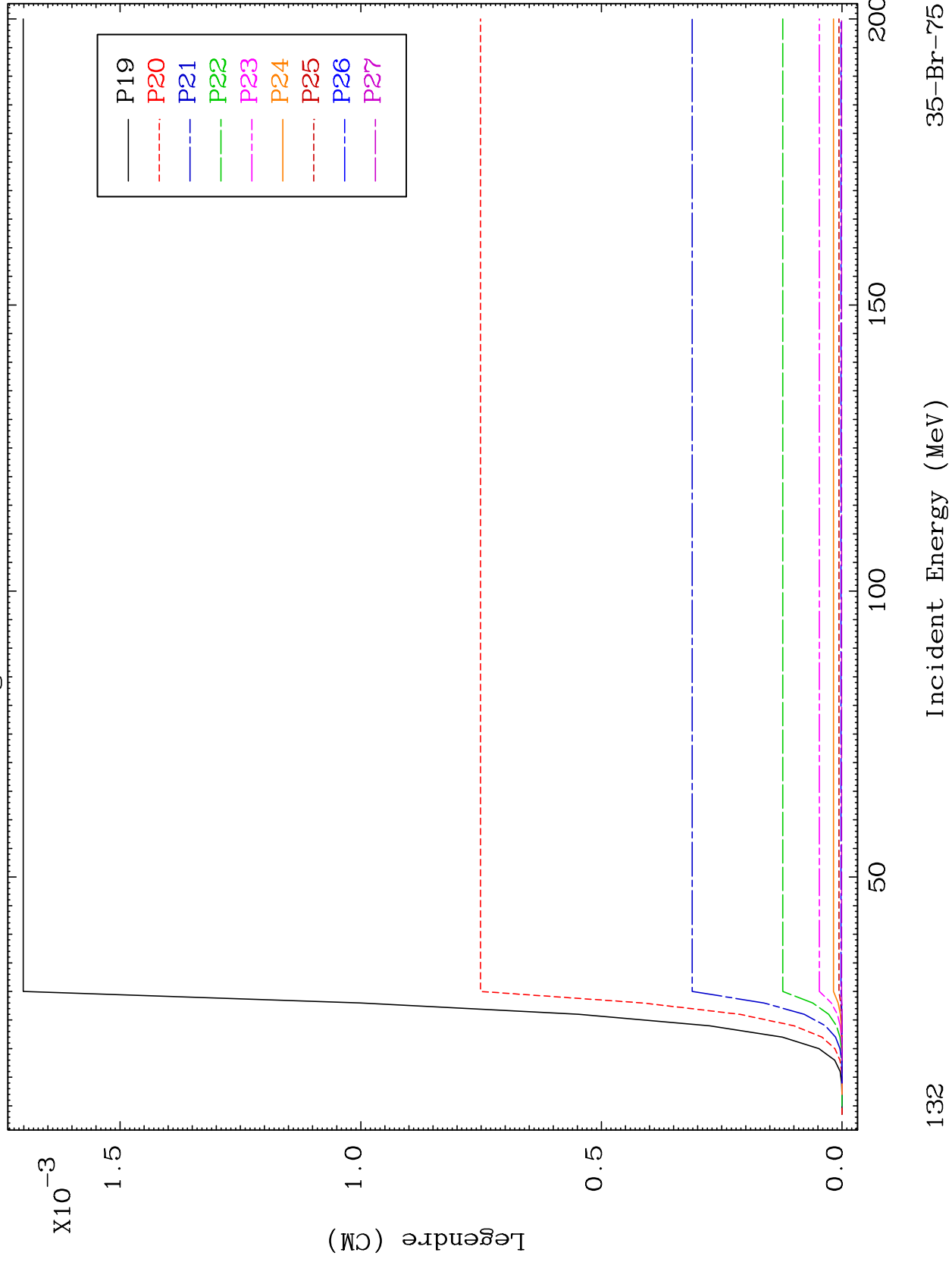


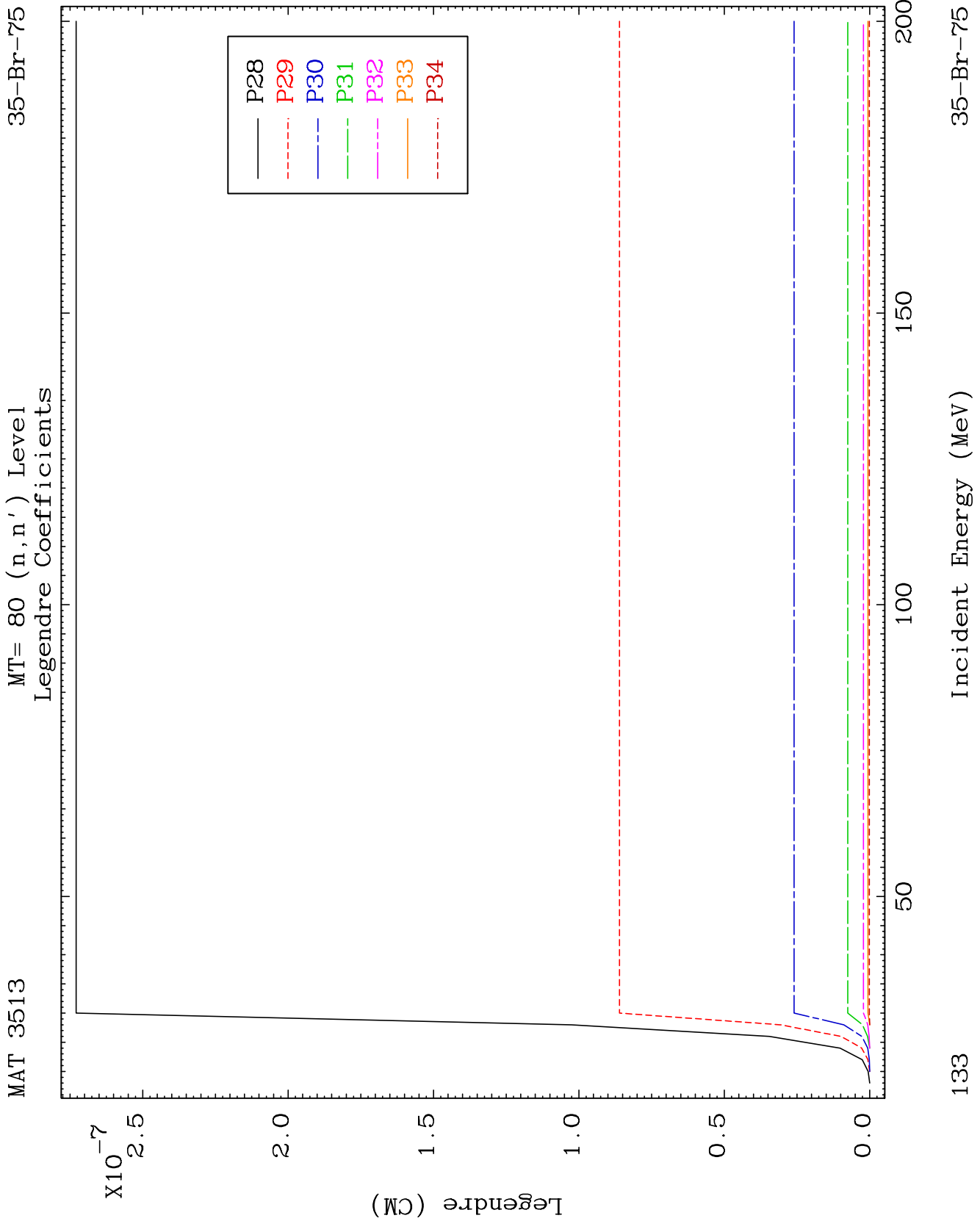


MAT 3513

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

35-Br-75



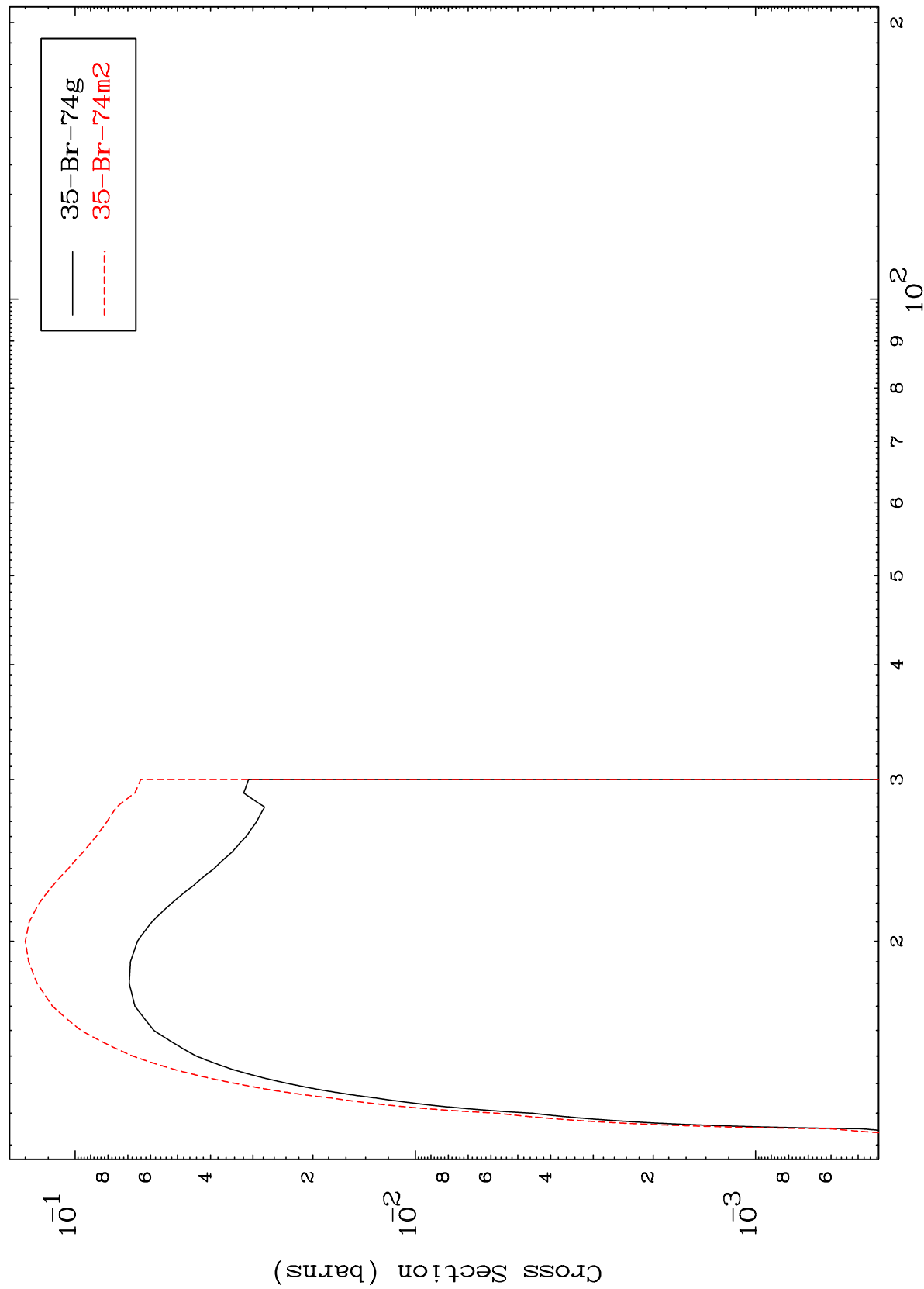


MAT 3513

35-Br-75

(n,2n)

Radionuclide Production Cross Section



134

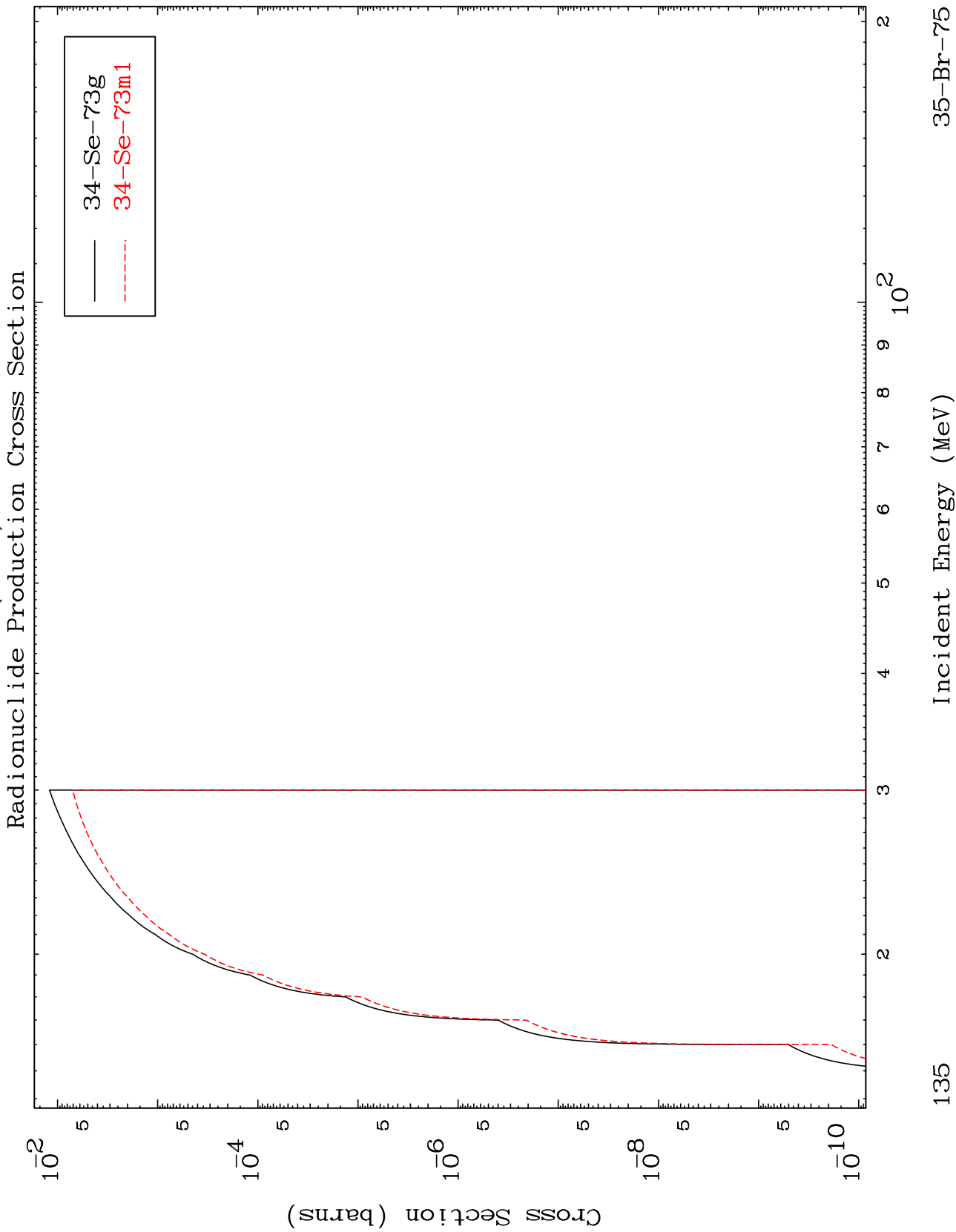
Incident Energy (MeV)

35-Br-75

MAT 3513

(n,n') d

35-Br-75

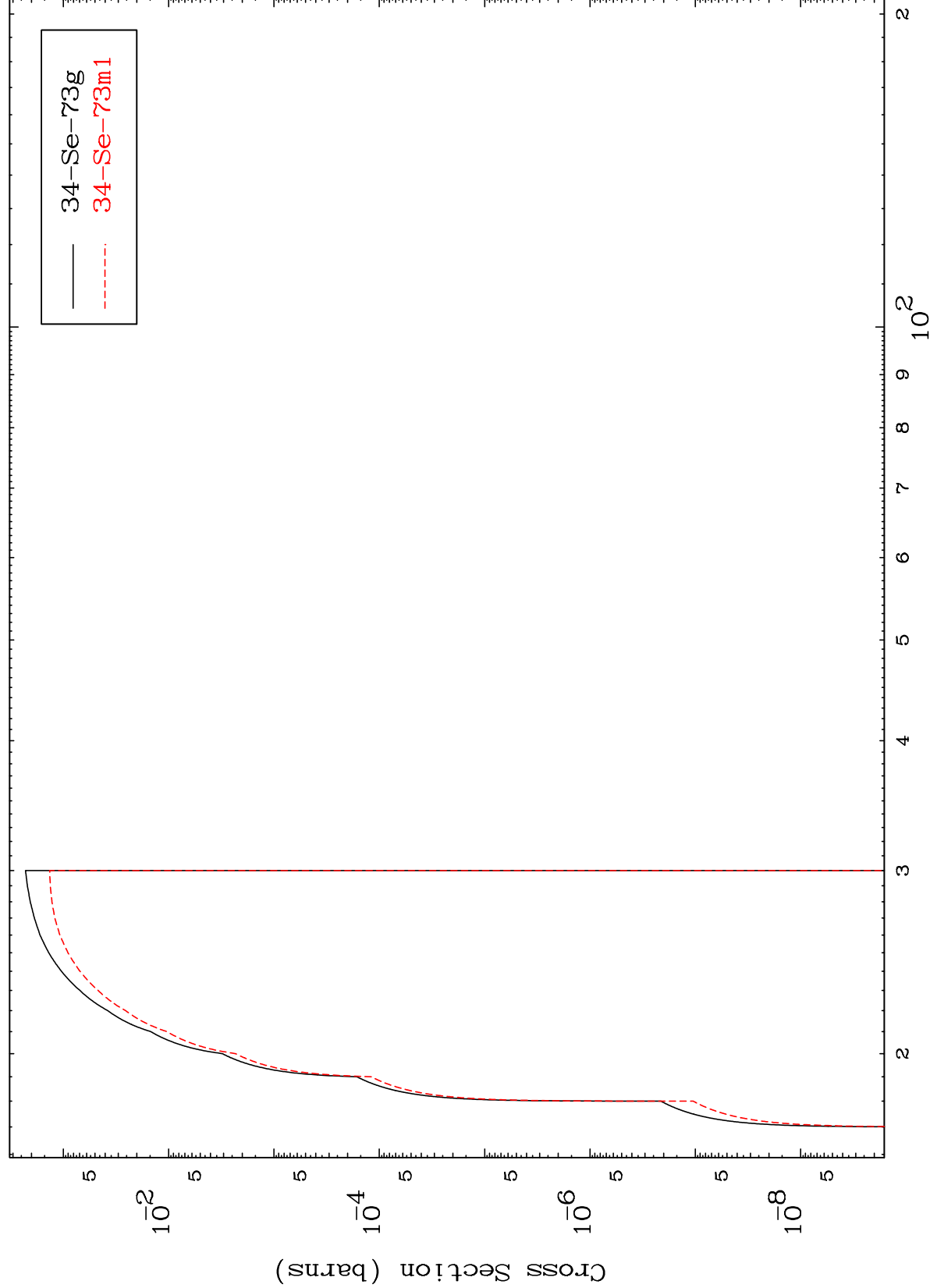


135

Incident Energy (MeV)

35-Br-75

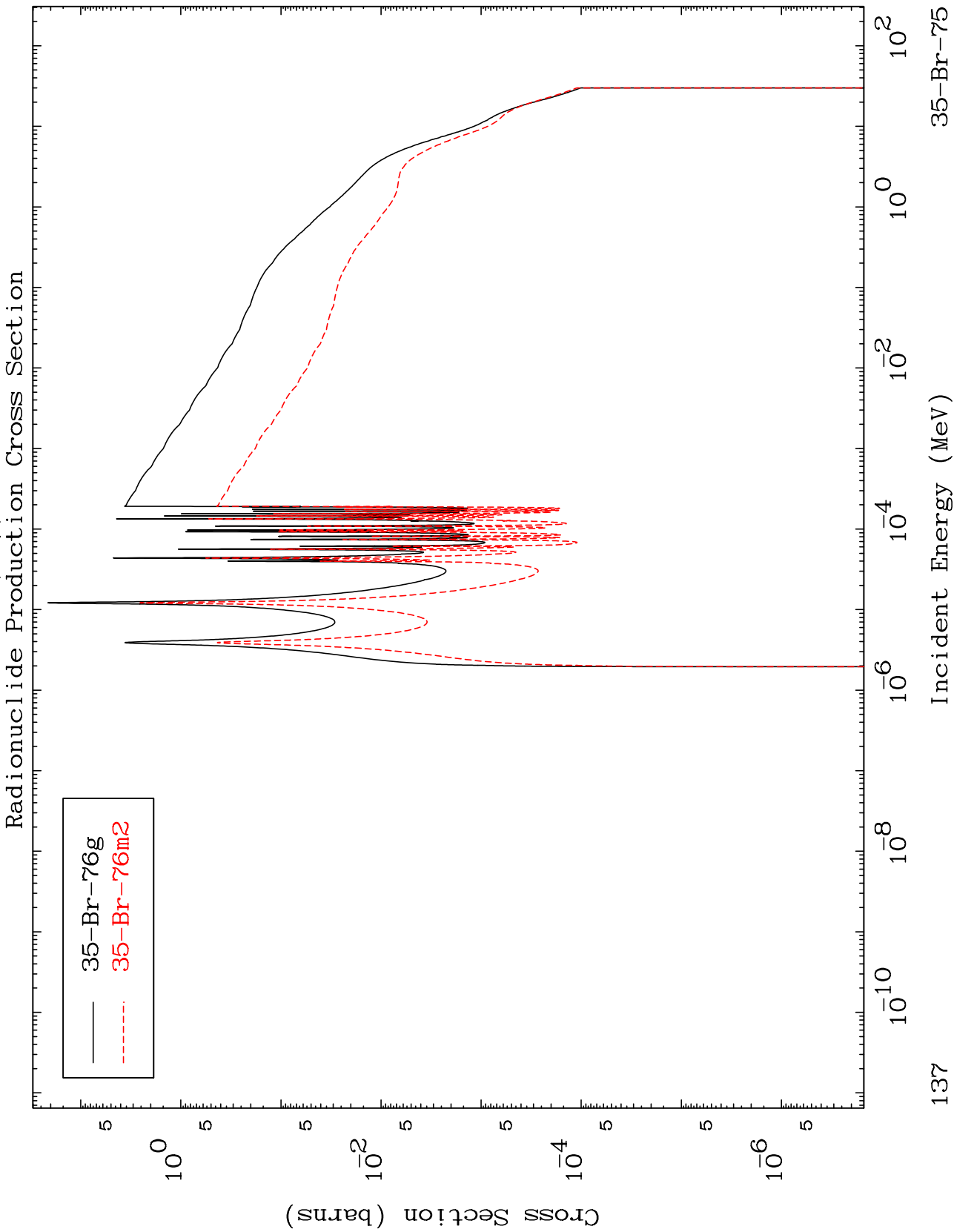
Radionuclide Production Cross Section



34-Se-73g
34-Se-73m1

MAT 3513

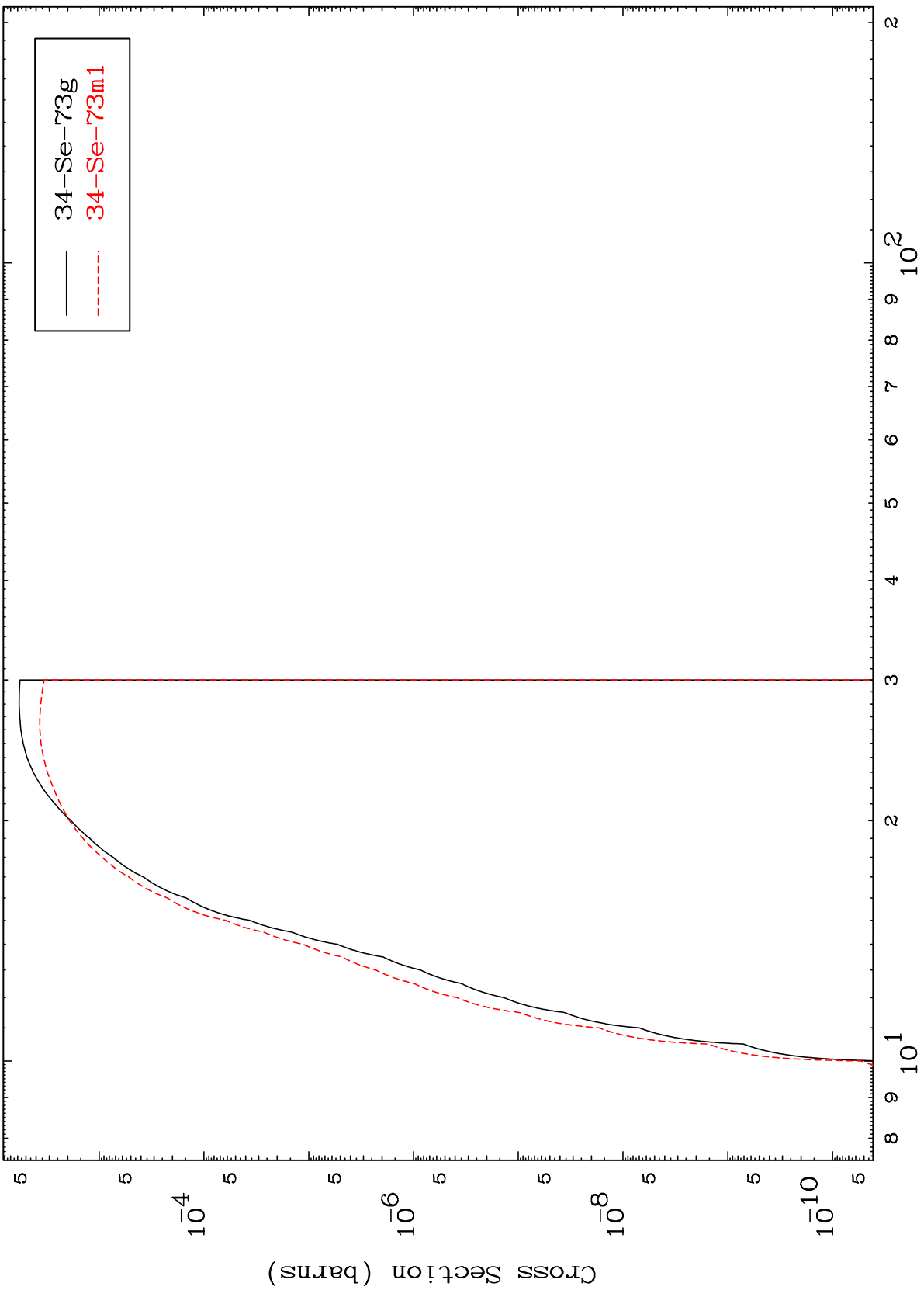
³⁵Br-75



MAT 3513

35-Br-75

(n,t)
Radionuclide Production Cross Section



138

Incident Energy (MeV)

35-Br-75