

Program EVALPLOT  
(Version 2018-1)

by

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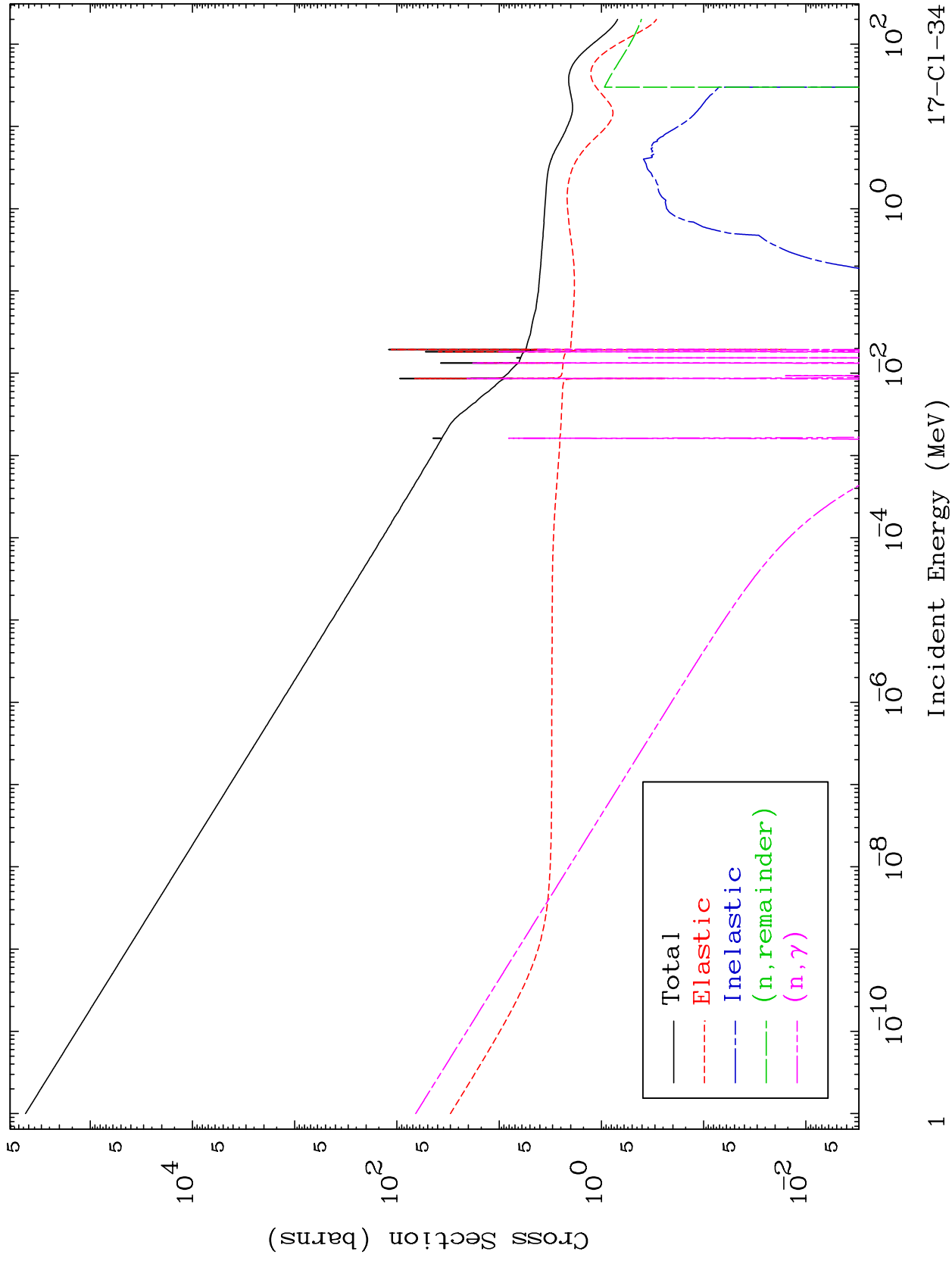
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1722

Major  
293 Kelvin Cross Sections

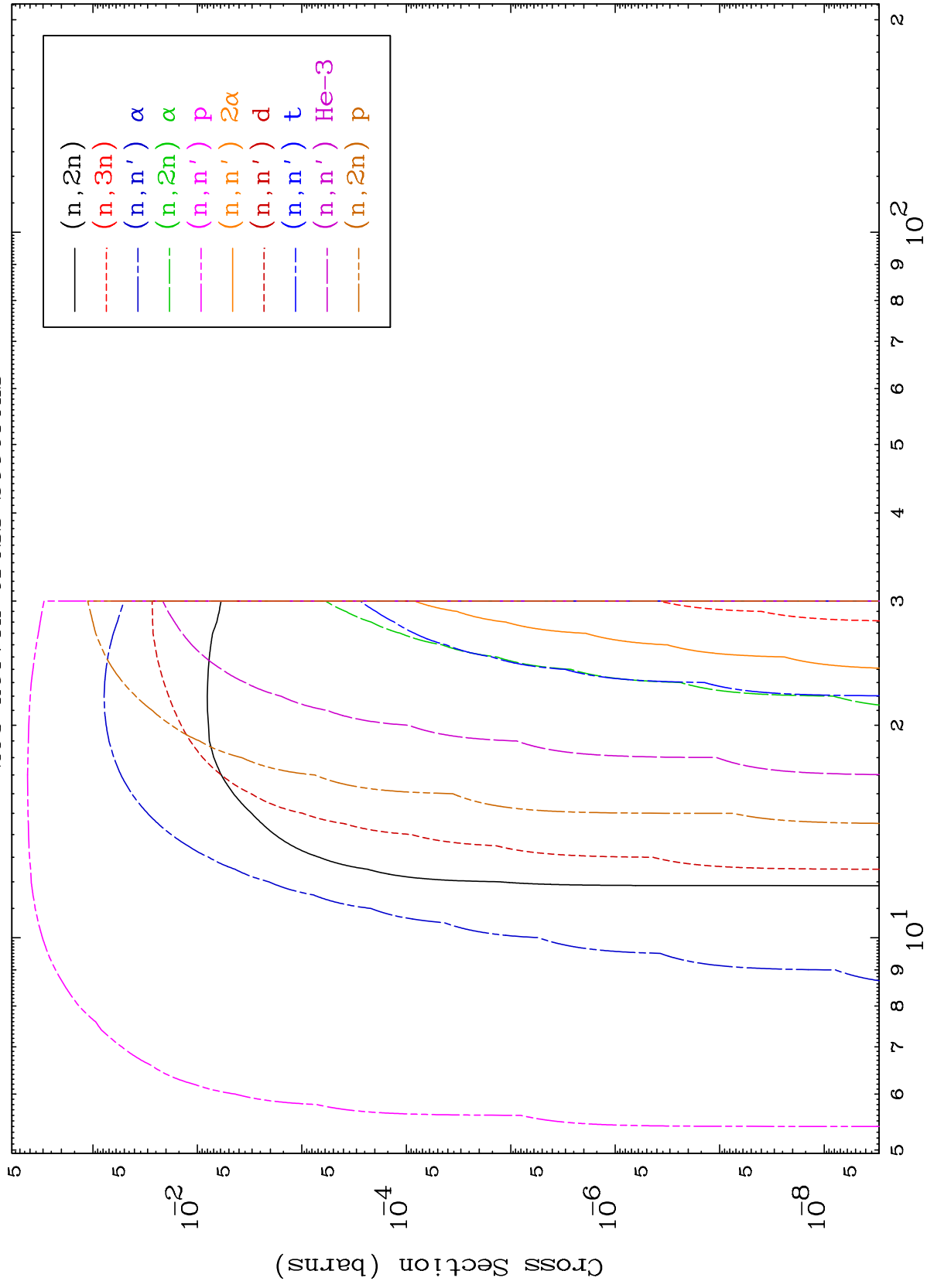
17-Cl-34



MAT 1722

Neutron Production  
293 Kelvin Cross Sections

17-Cl-34



2

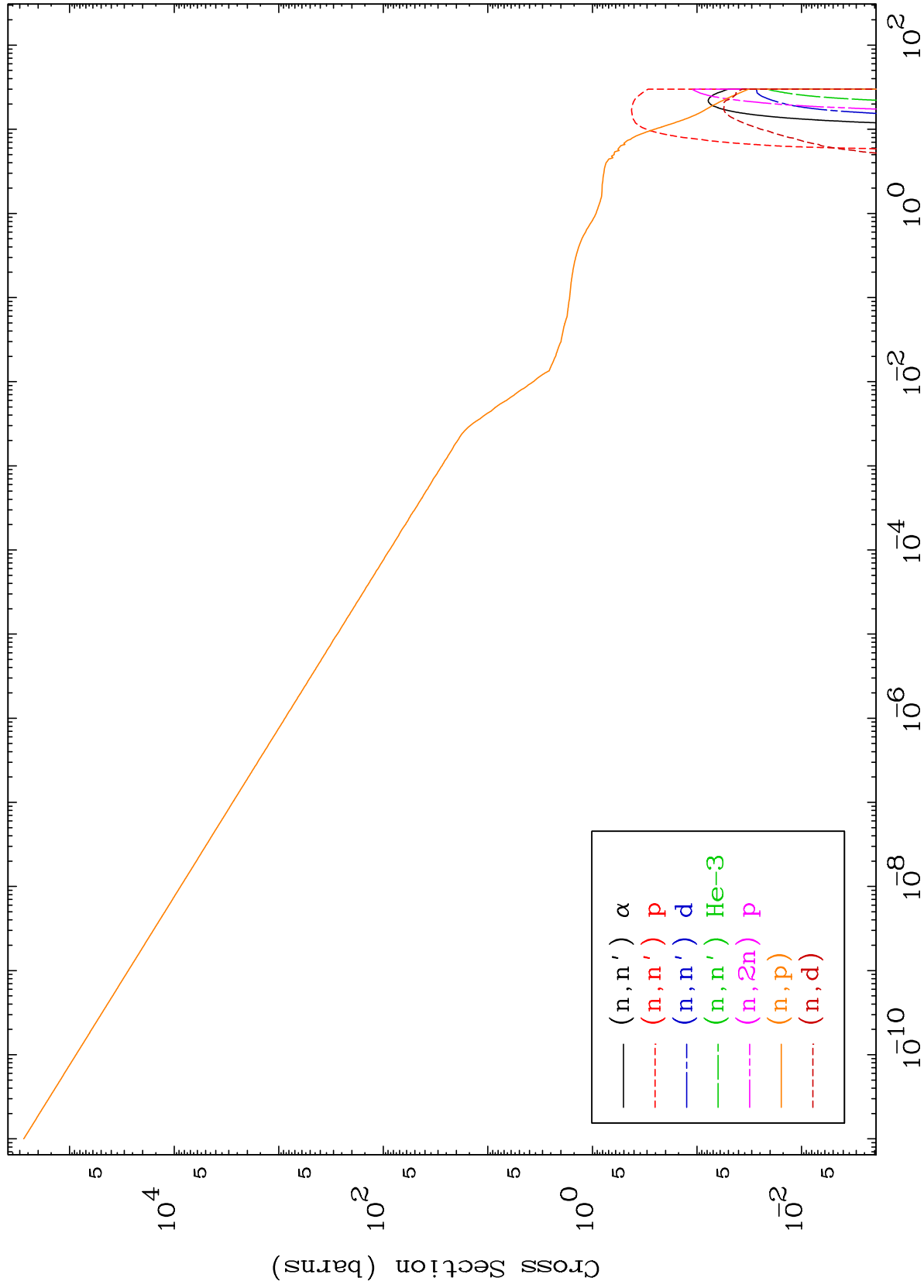
Incident Energy (MeV)

17-Cl-34

MAT 1722

293 Kelvin Cross Sections

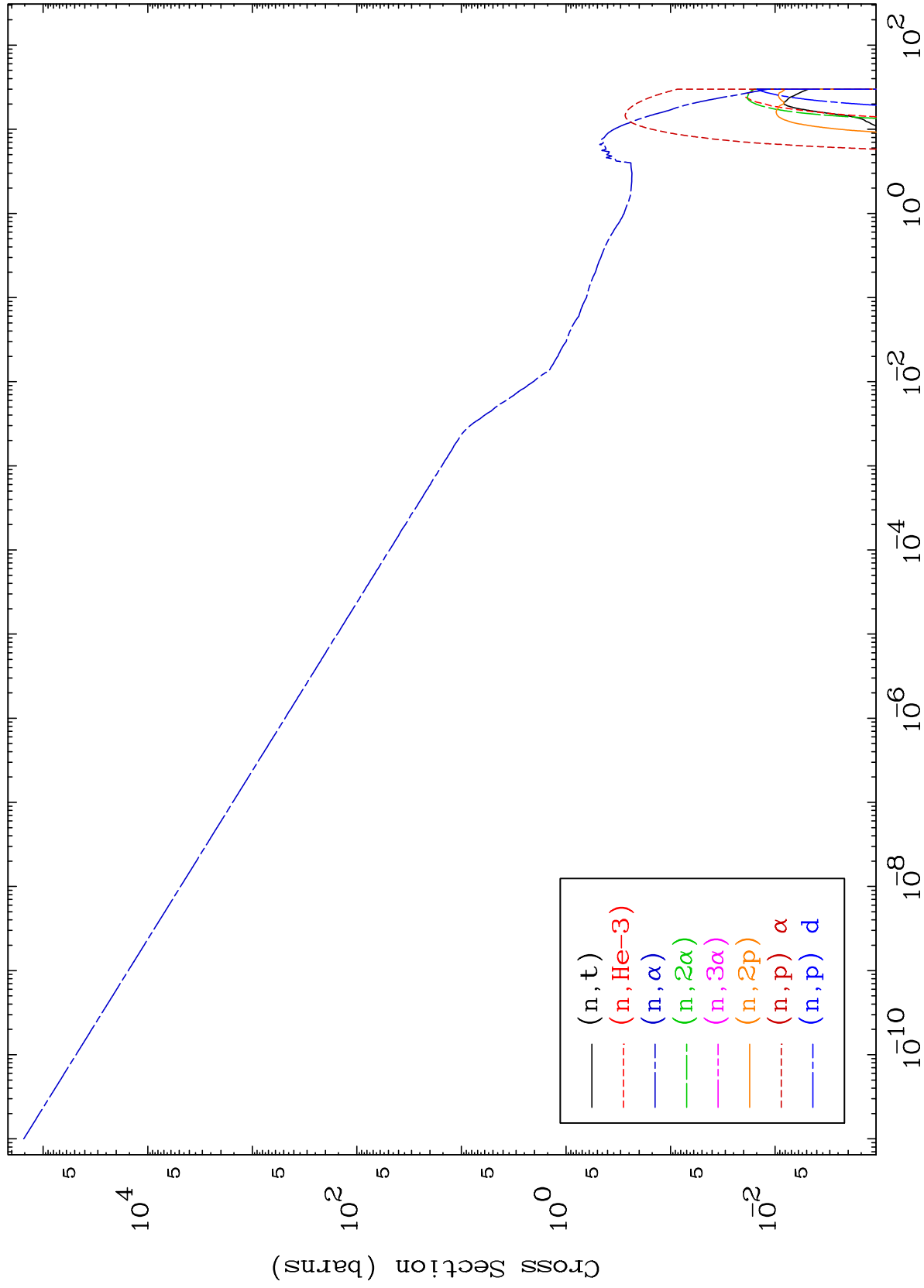
17-Cl-34

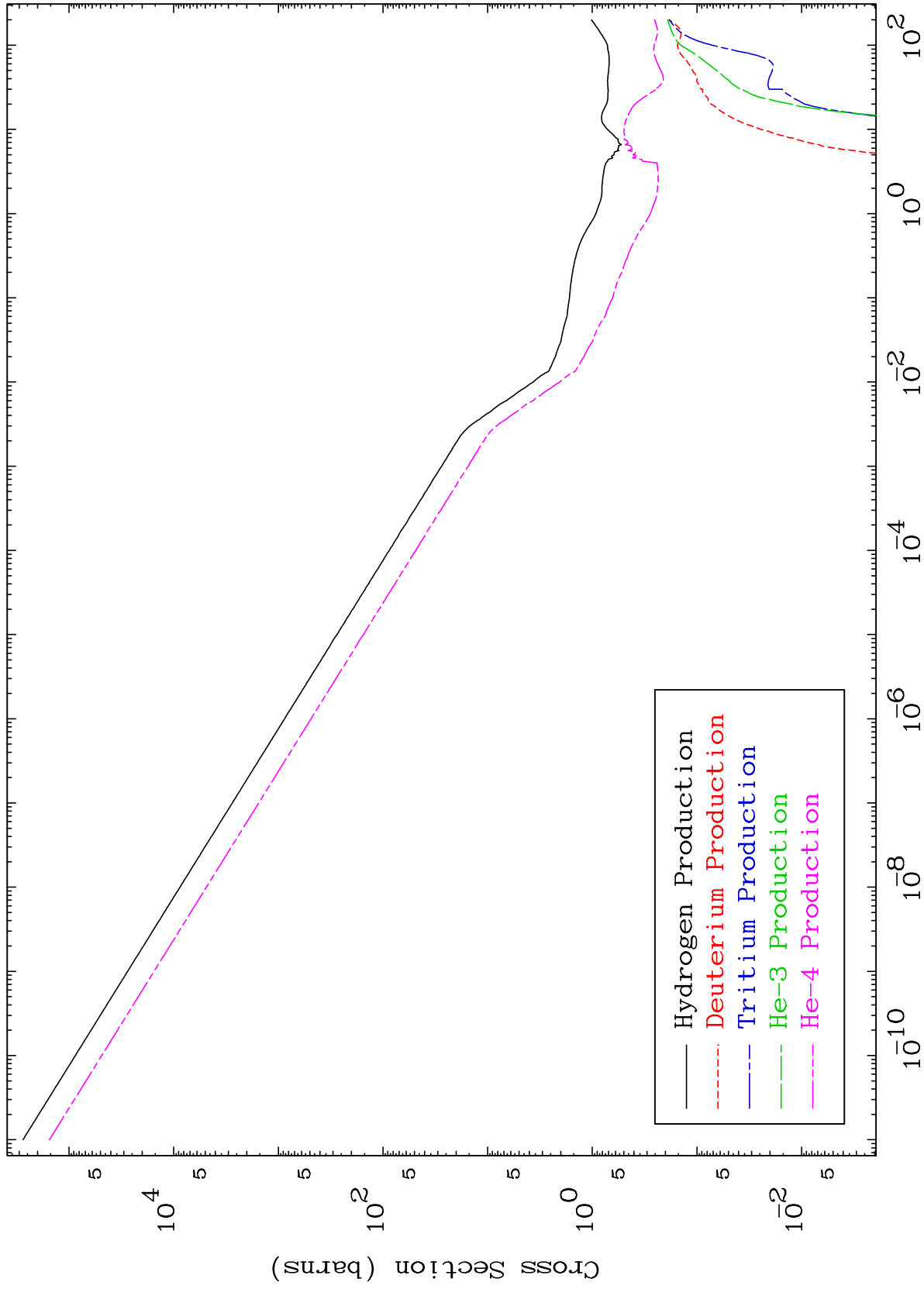


MAT 1722

293 Kelvin Cross Sections

17-Cl-34



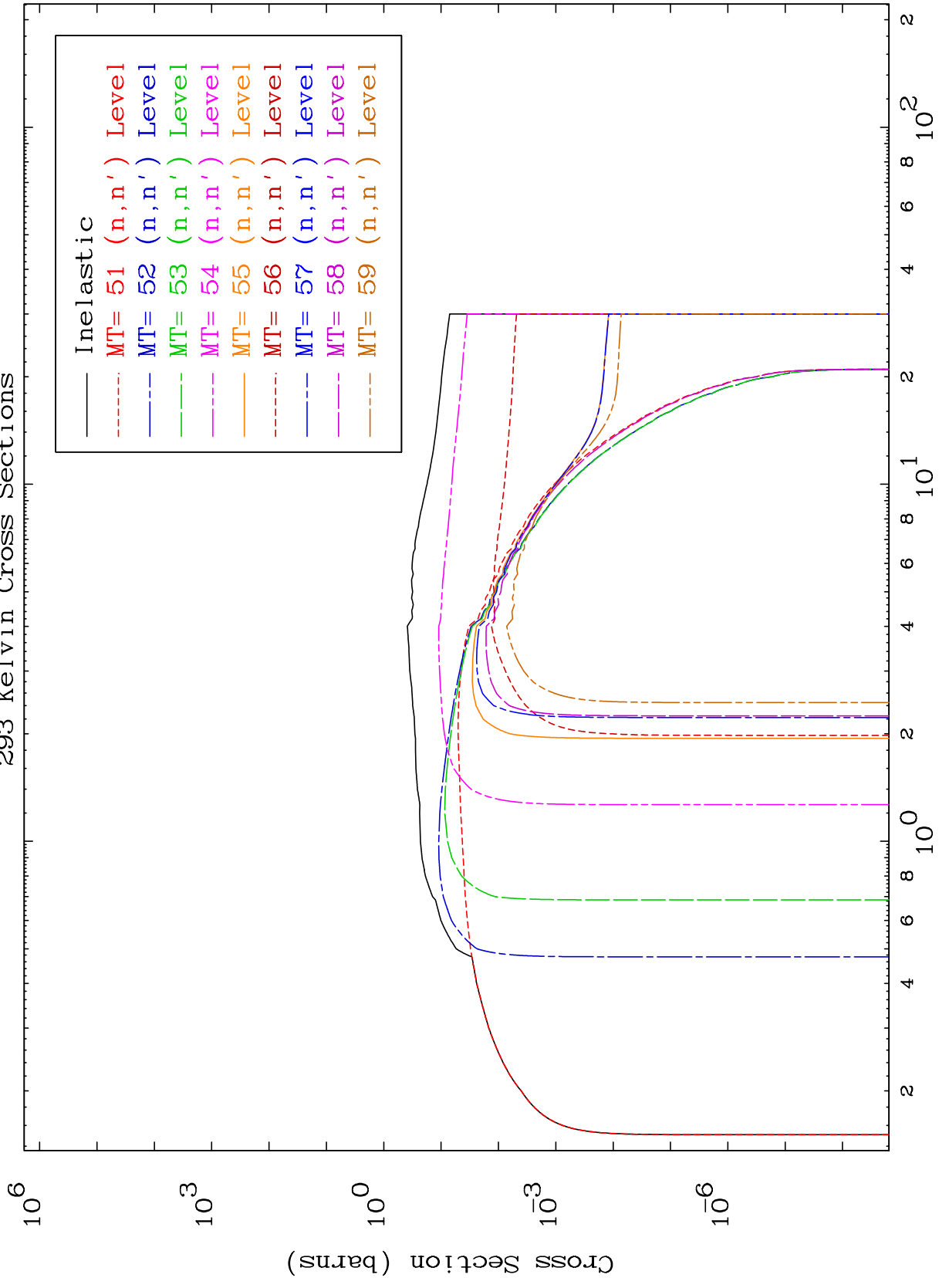


MAT 1722

(n,n') Level

17-Cl-34

293 Kelvin Cross Sections

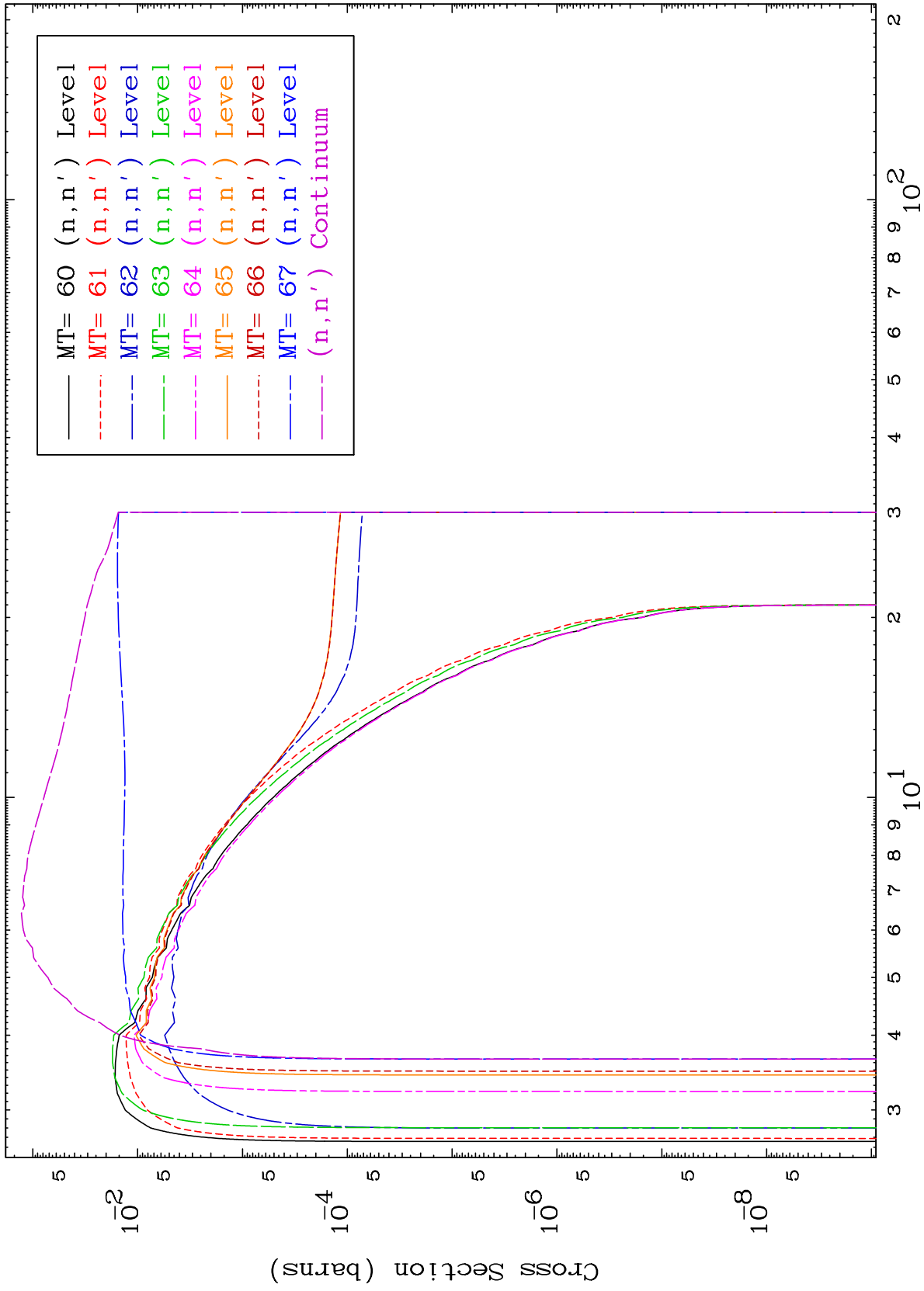


MAT 1722

(n,n') Level

17-Cl-34

293 Kelvin Cross Sections



7

Incident Energy (MeV)

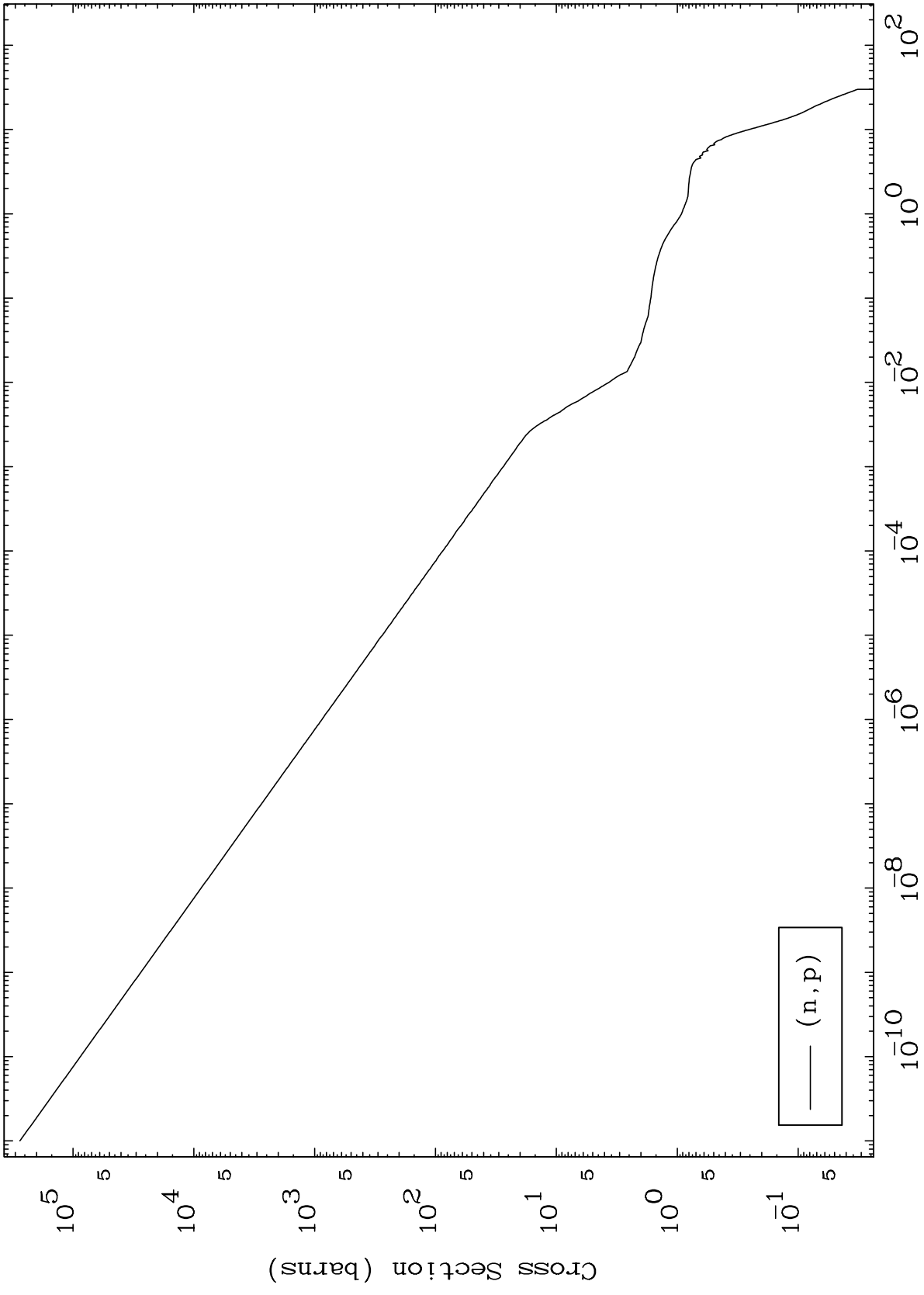
17-Cl-34



MAT 1722

293 Kelvin Cross Sections  
(n,p) Levels

17-Cl-34



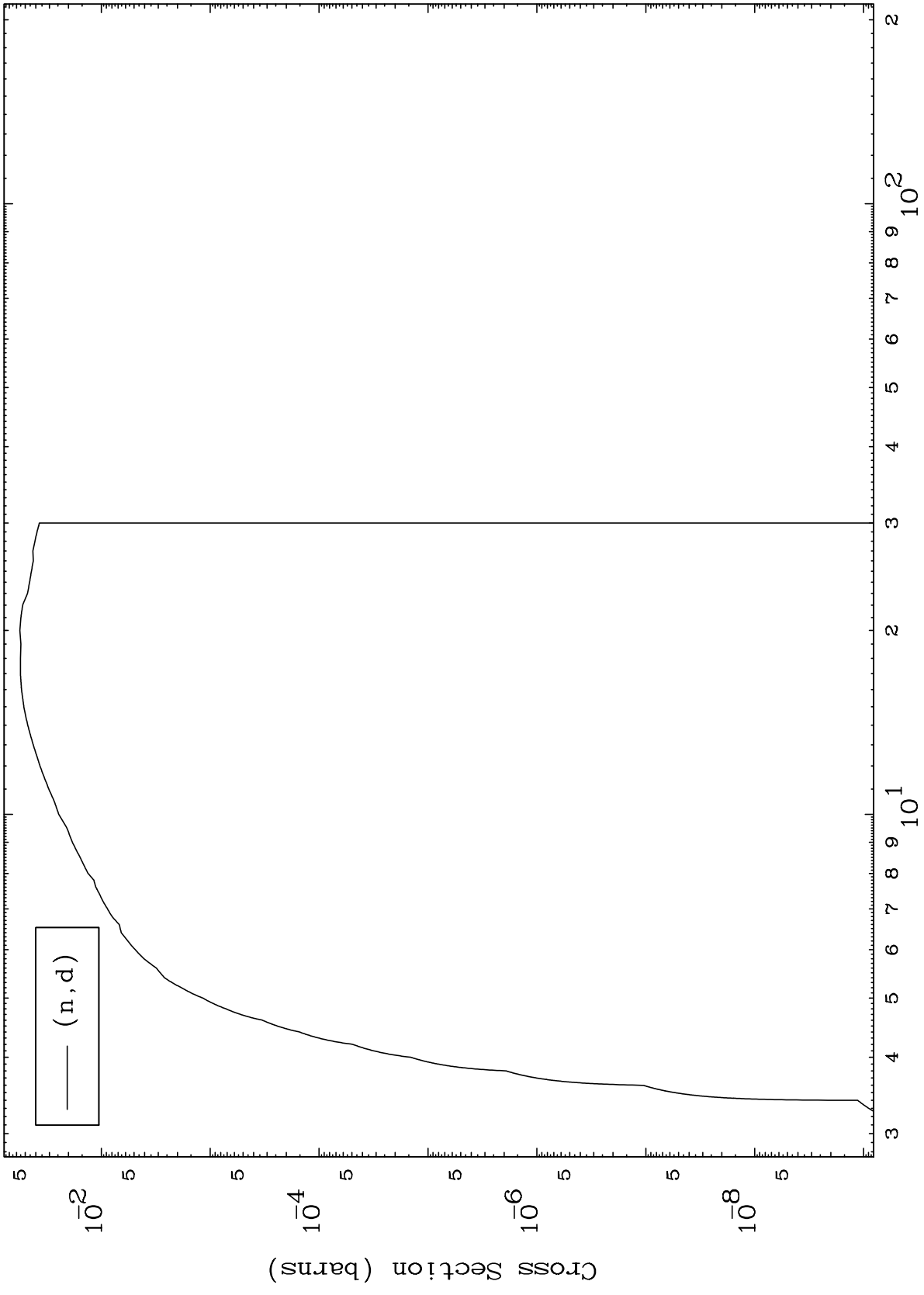
— (n, p)

17-Cl-34

MAT 1722

(n,d) Levels  
293 Kelvin Cross Sections

17-Cl-34



9

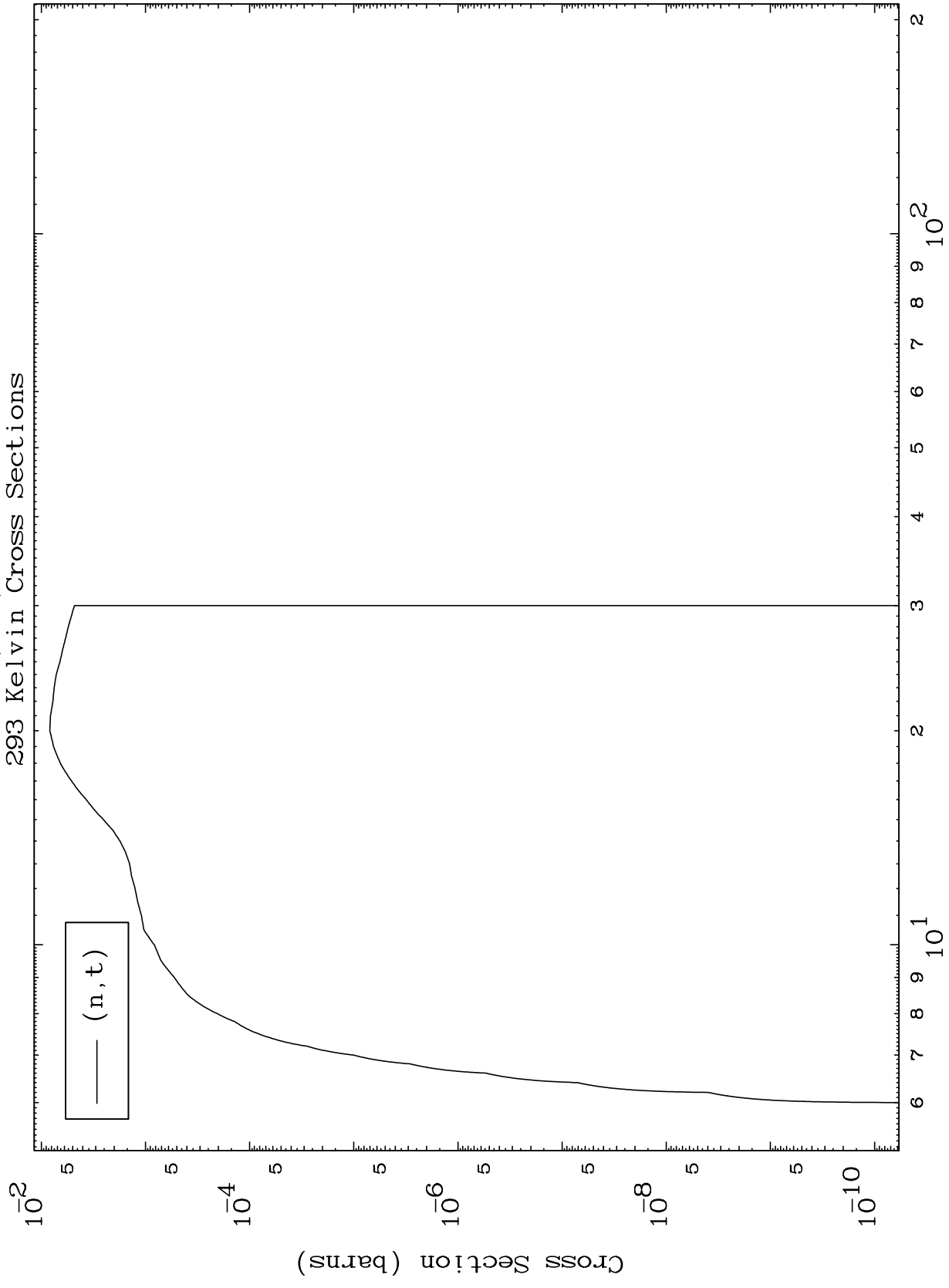
Incident Energy (MeV)

17-Cl-34

MAT 1722

(n,t) Levels  
293 Kelvin Cross Sections

17-Cl-34



10

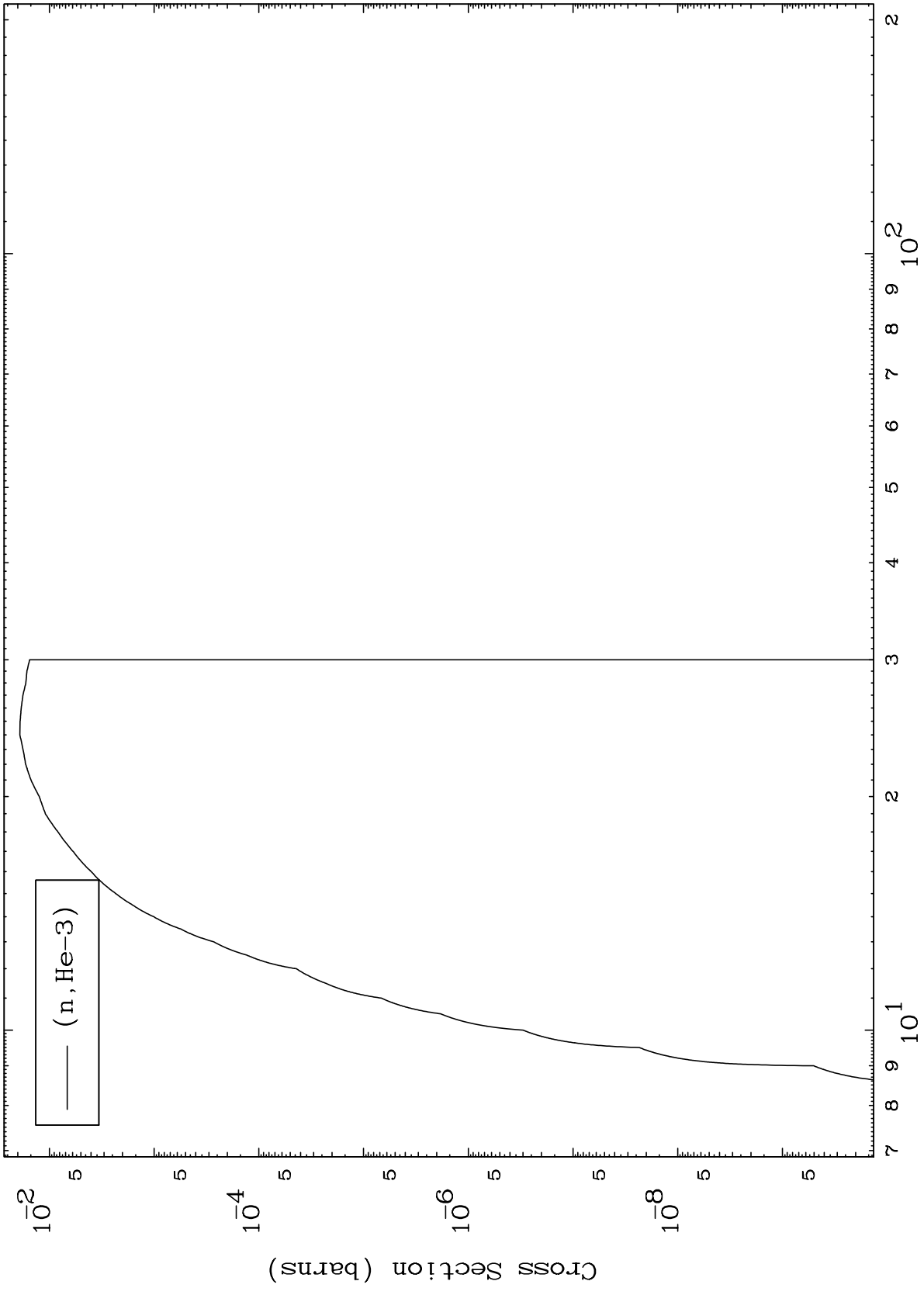
Incident Energy (MeV)

17-Cl-34

MAT 1722

(n,He3) Levels  
293 Kelvin Cross Sections

17-Cl-34



11

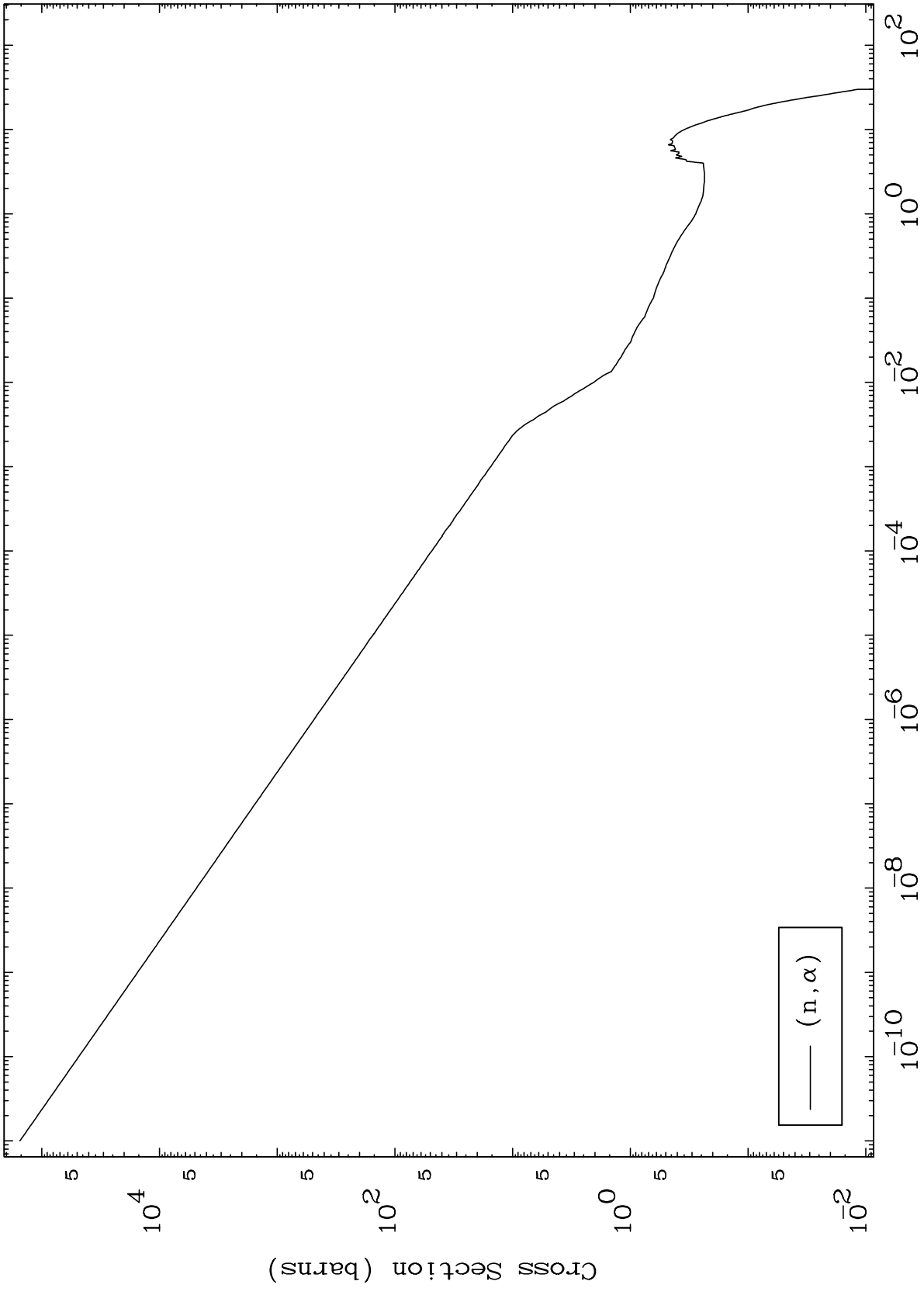
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17-Cl-34

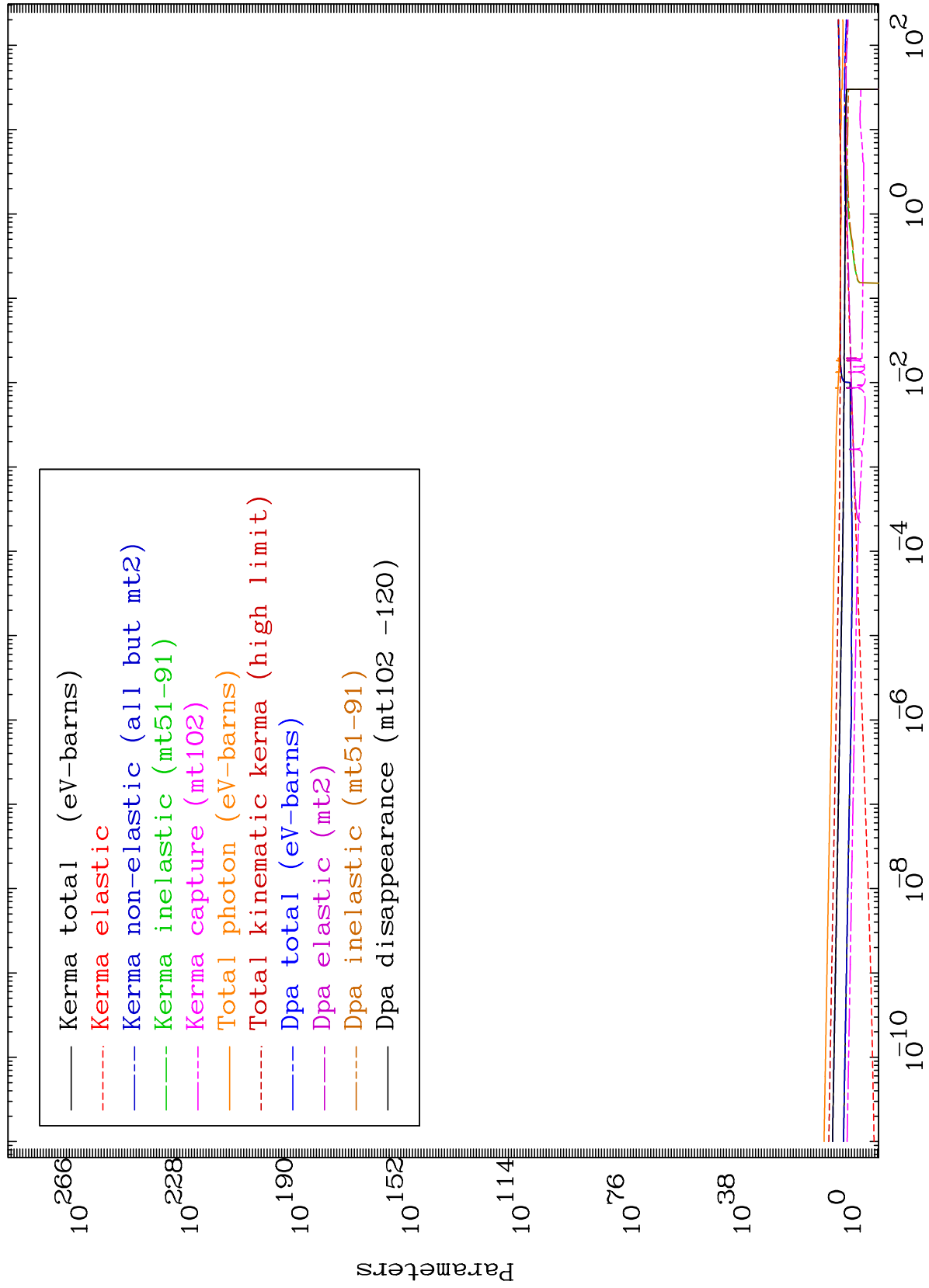
MAT 1722

(n,α) Levels  
293 Kelvin Cross Sections

17-Cl-34



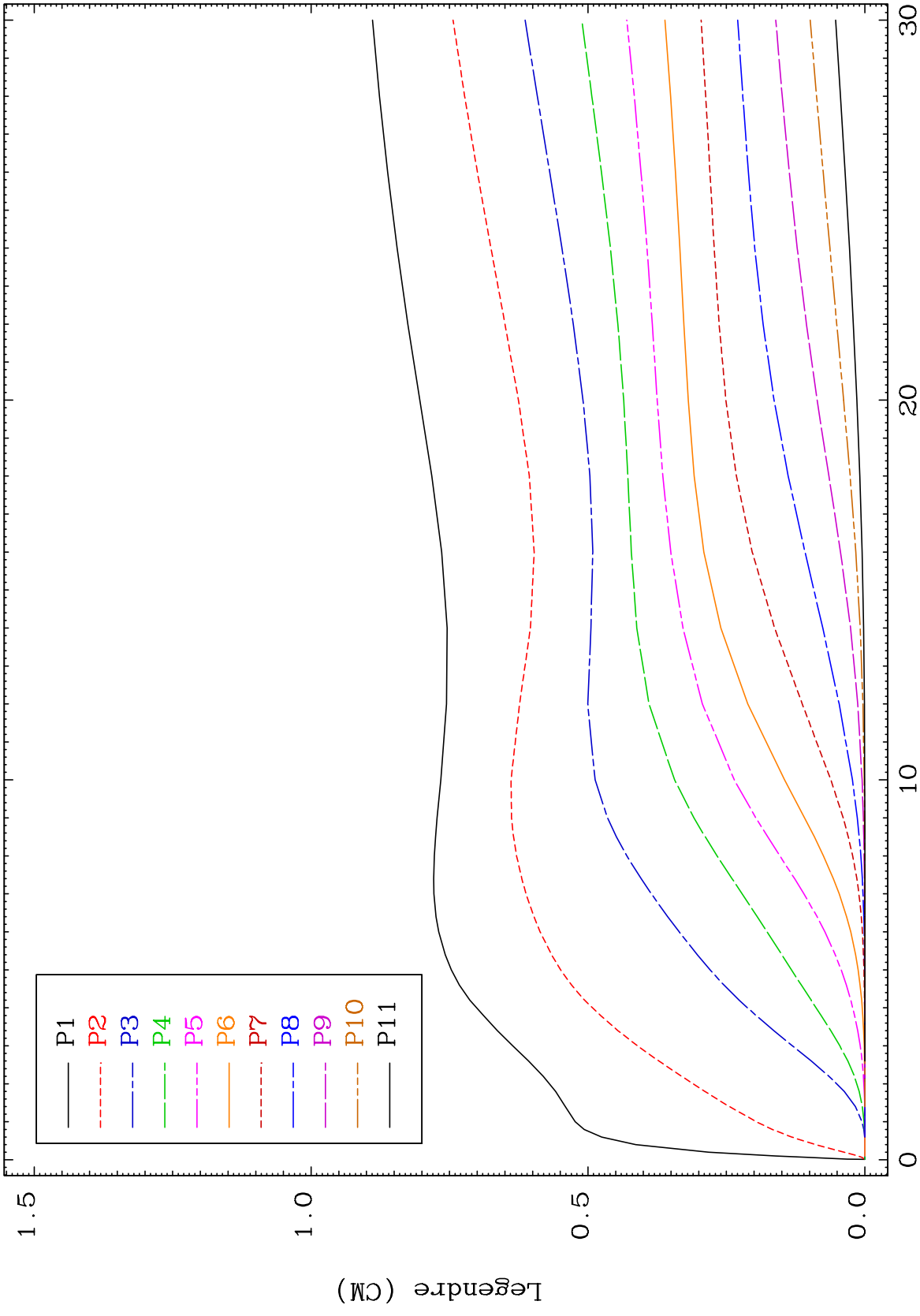
— (n,α)



MAT 1722

Elastic Legendre Coefficients

17-Cl-34



14

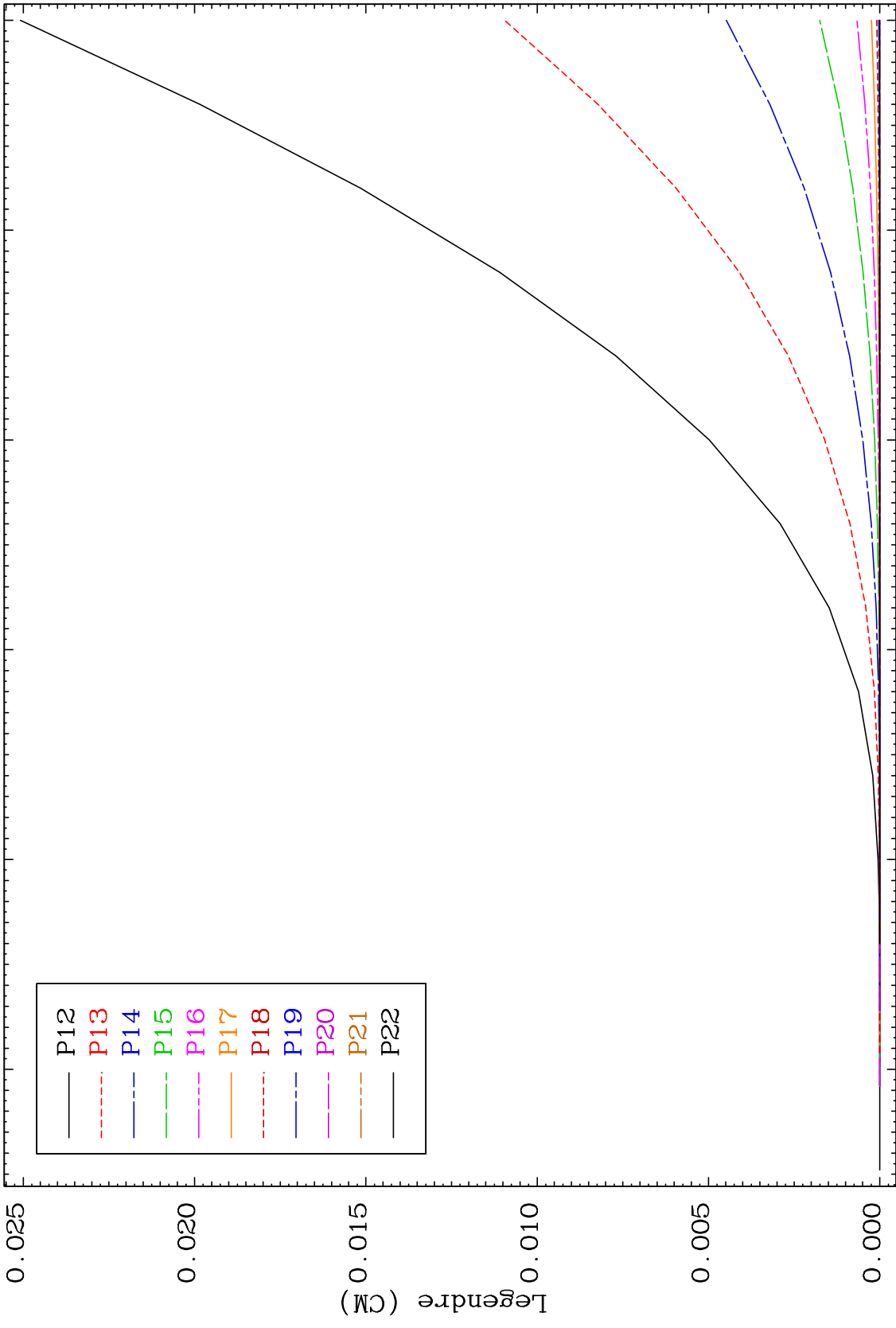
Incident Energy (MeV)

17-Cl-34

MAT 1722

Elastic Legendre Coefficients

17-Cl-34



15

Incident Energy (MeV)

17-Cl-34

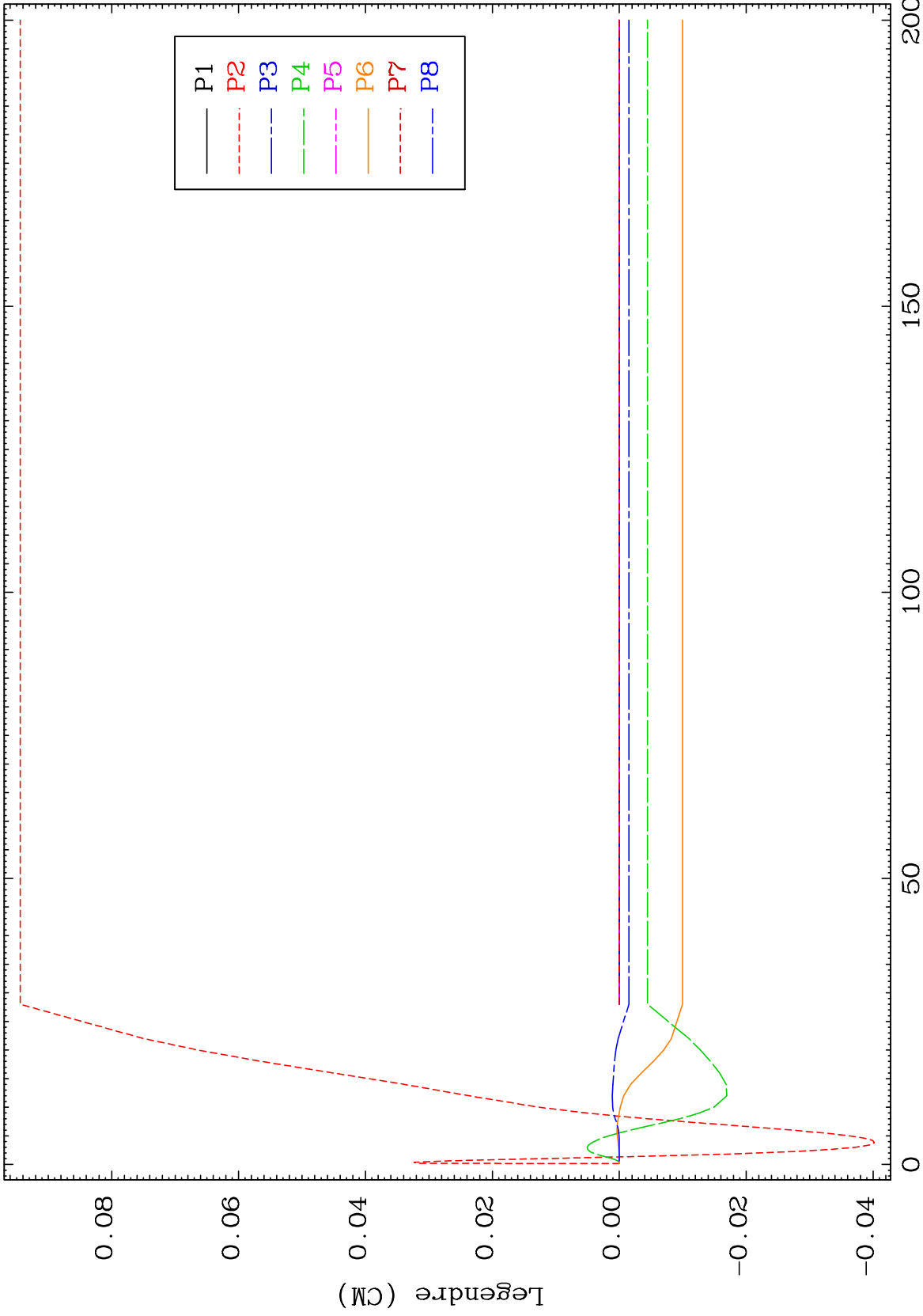




MAT 1722

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

17-Cl-34

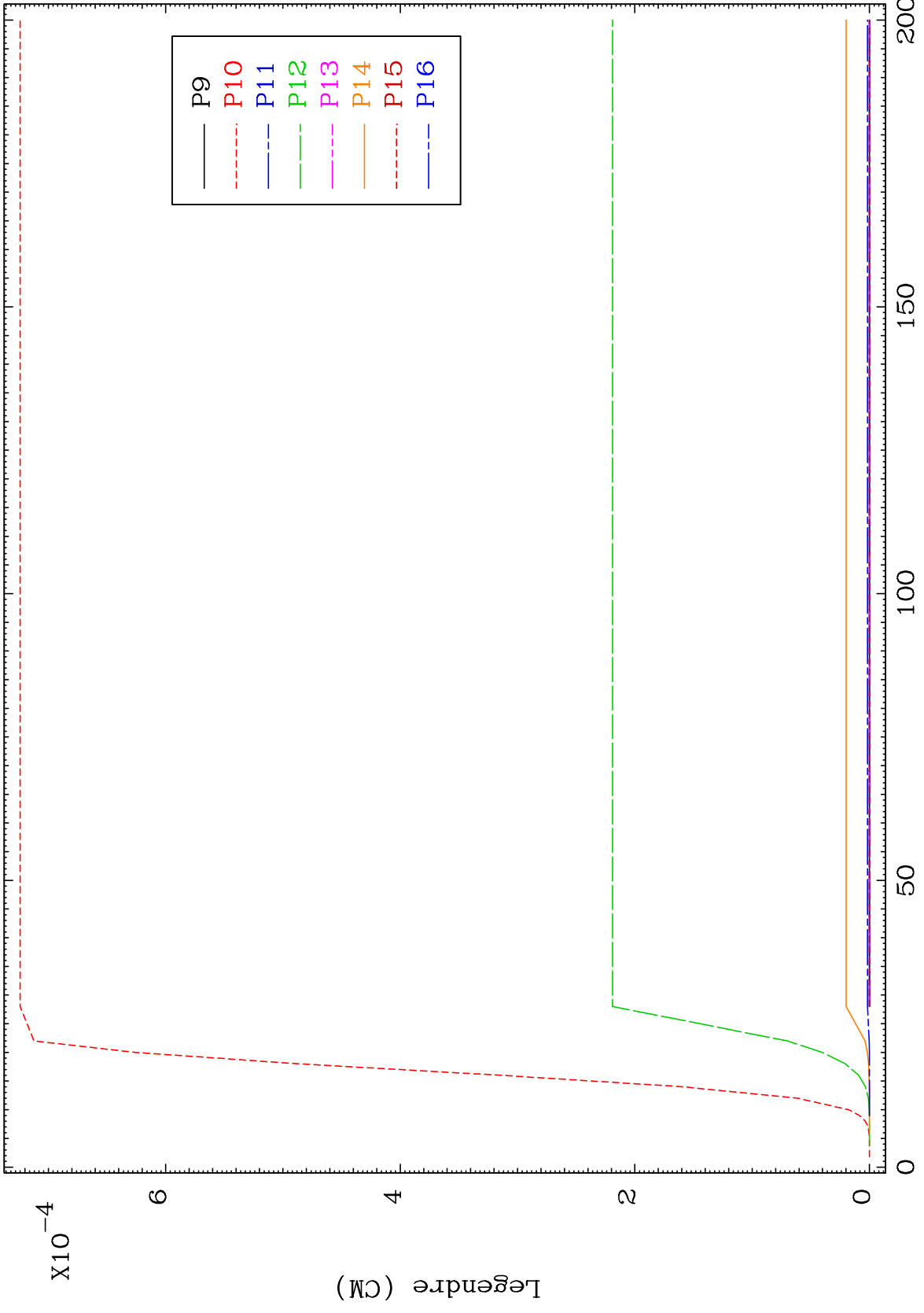


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Incident Energy (MeV)

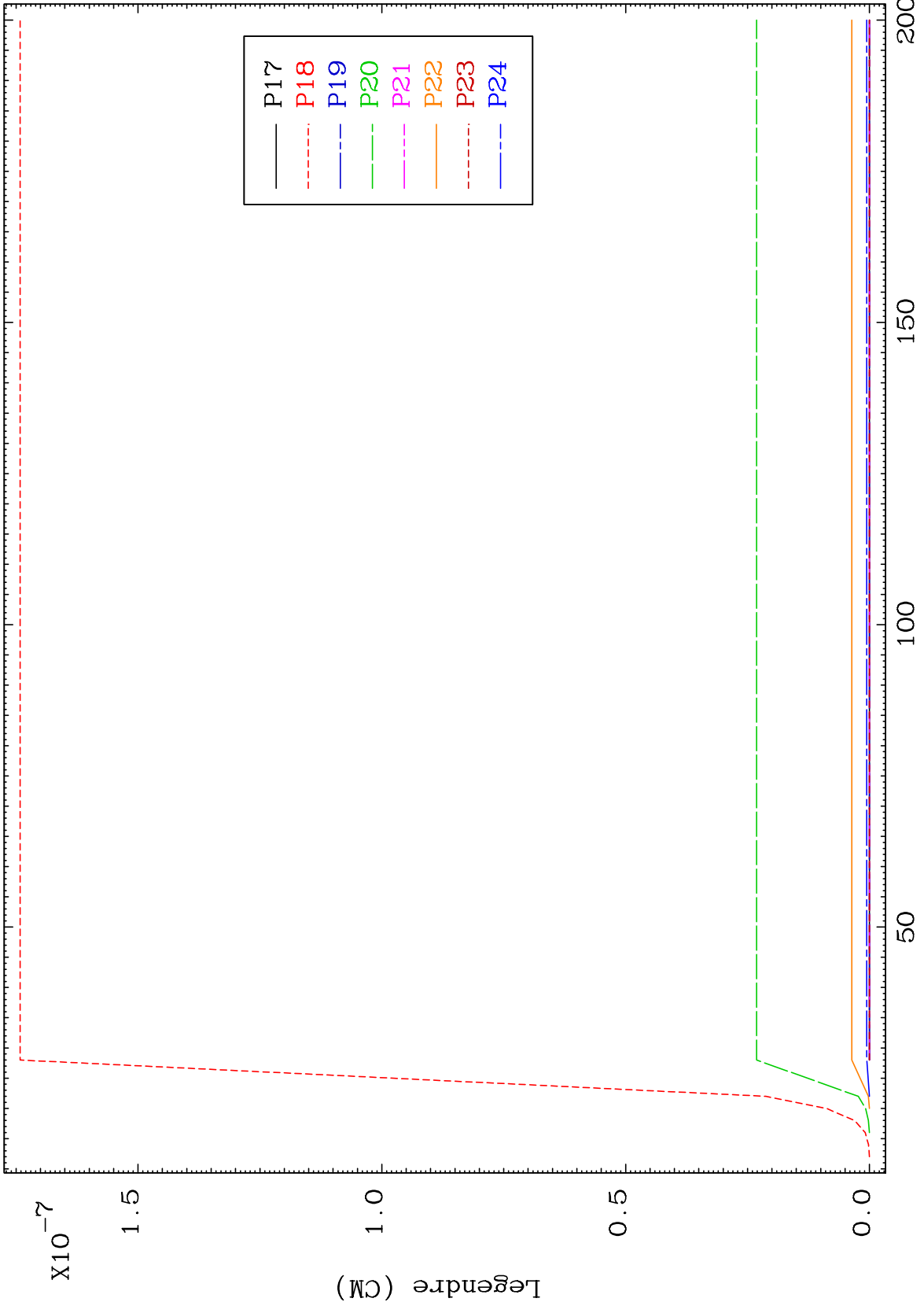
17-Cl-34

MAT 1722 MT= 51 (n,n') Level Legendre Coefficients 17-Cl-34



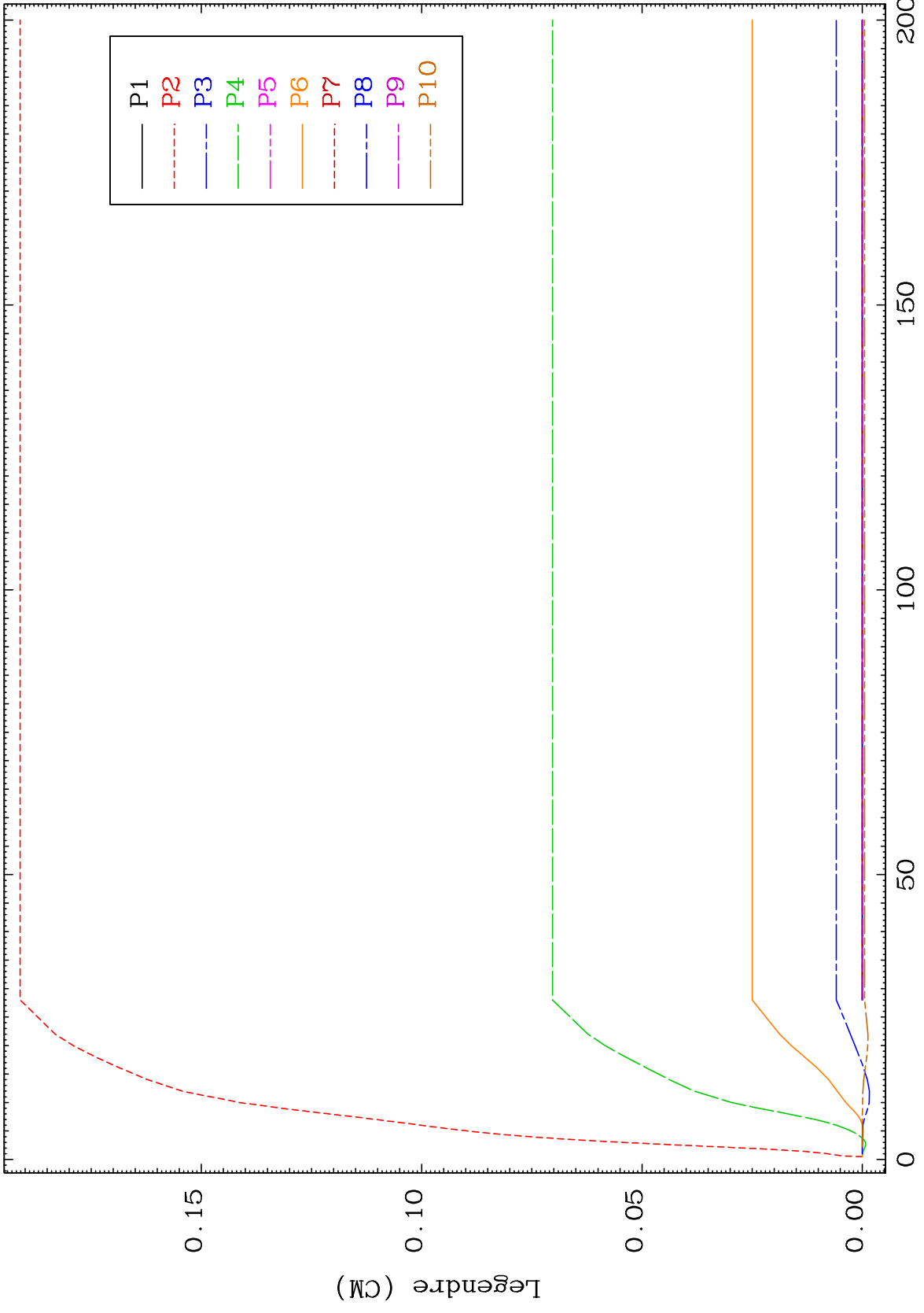
18 17-Cl-34

MAT 1722 MT= 51 (n,n') Level Legendre Coefficients 17-Cl-34



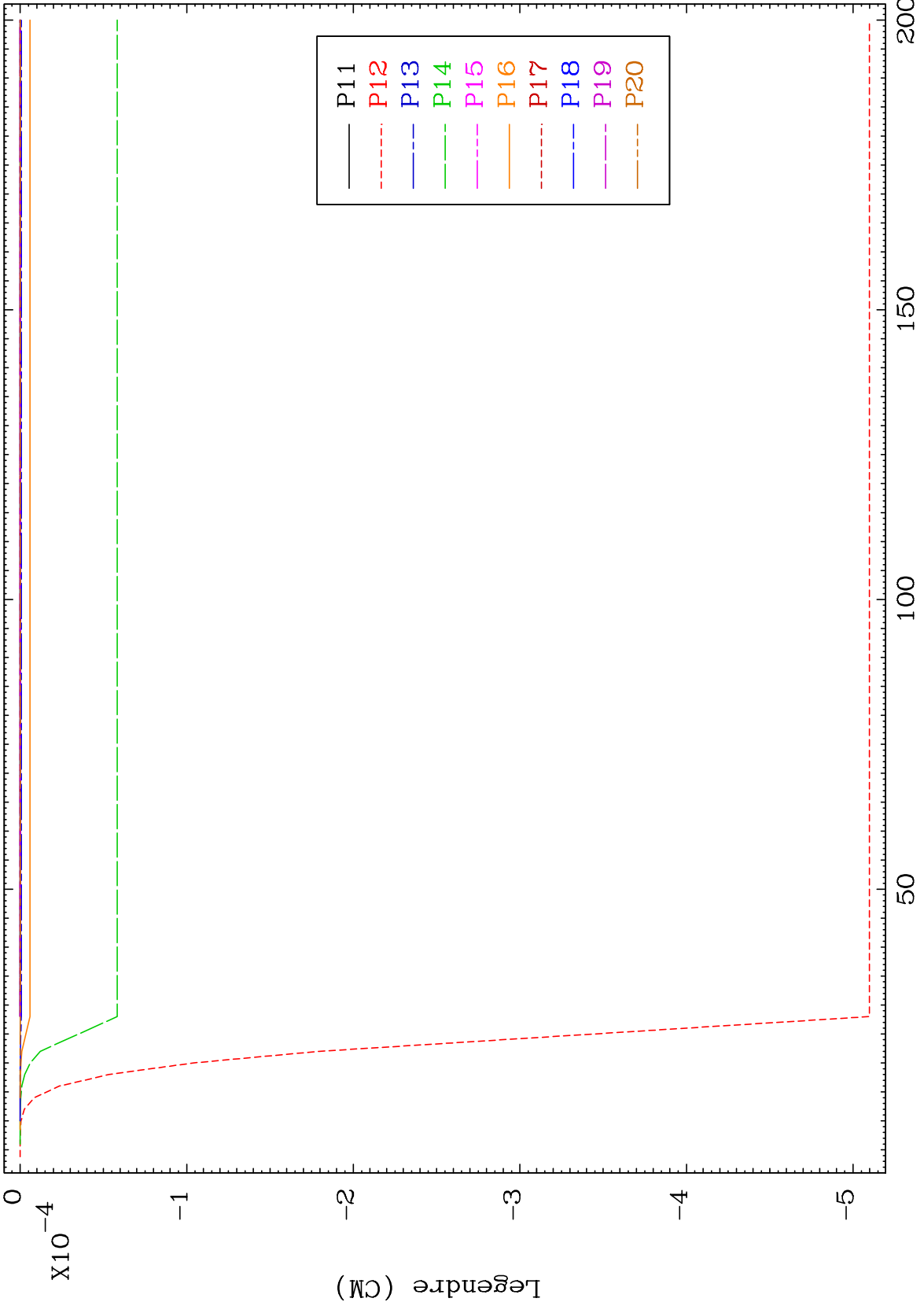
19 17-Cl-34

MAT 1722 MT= 52 (n,n') Level Legendre Coefficients 17-Cl-34



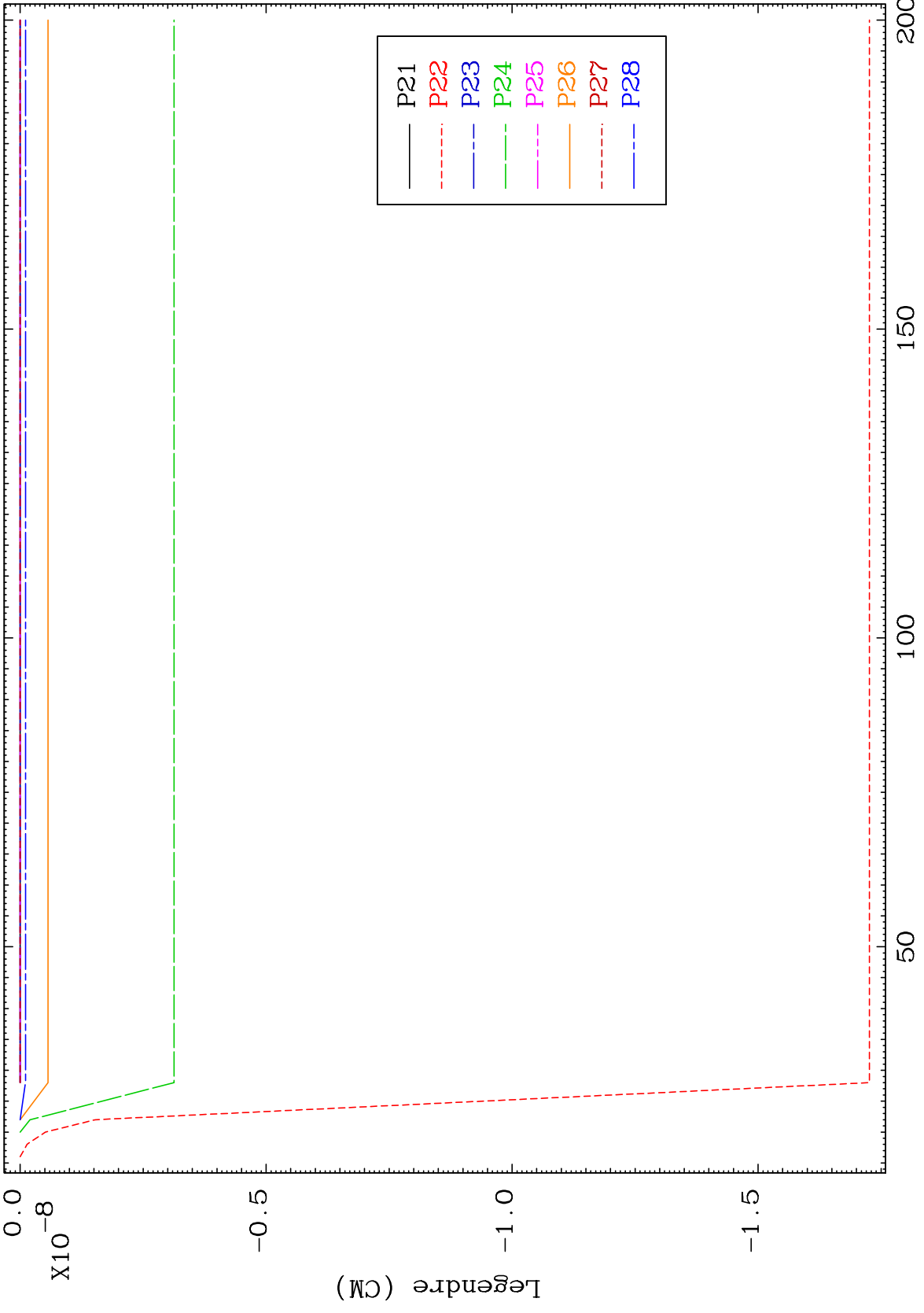
Incident Energy (MeV) 17-Cl-34

MAT 1722 MT= 52 (n,n') Level Legendre Coefficients 17-Cl-34



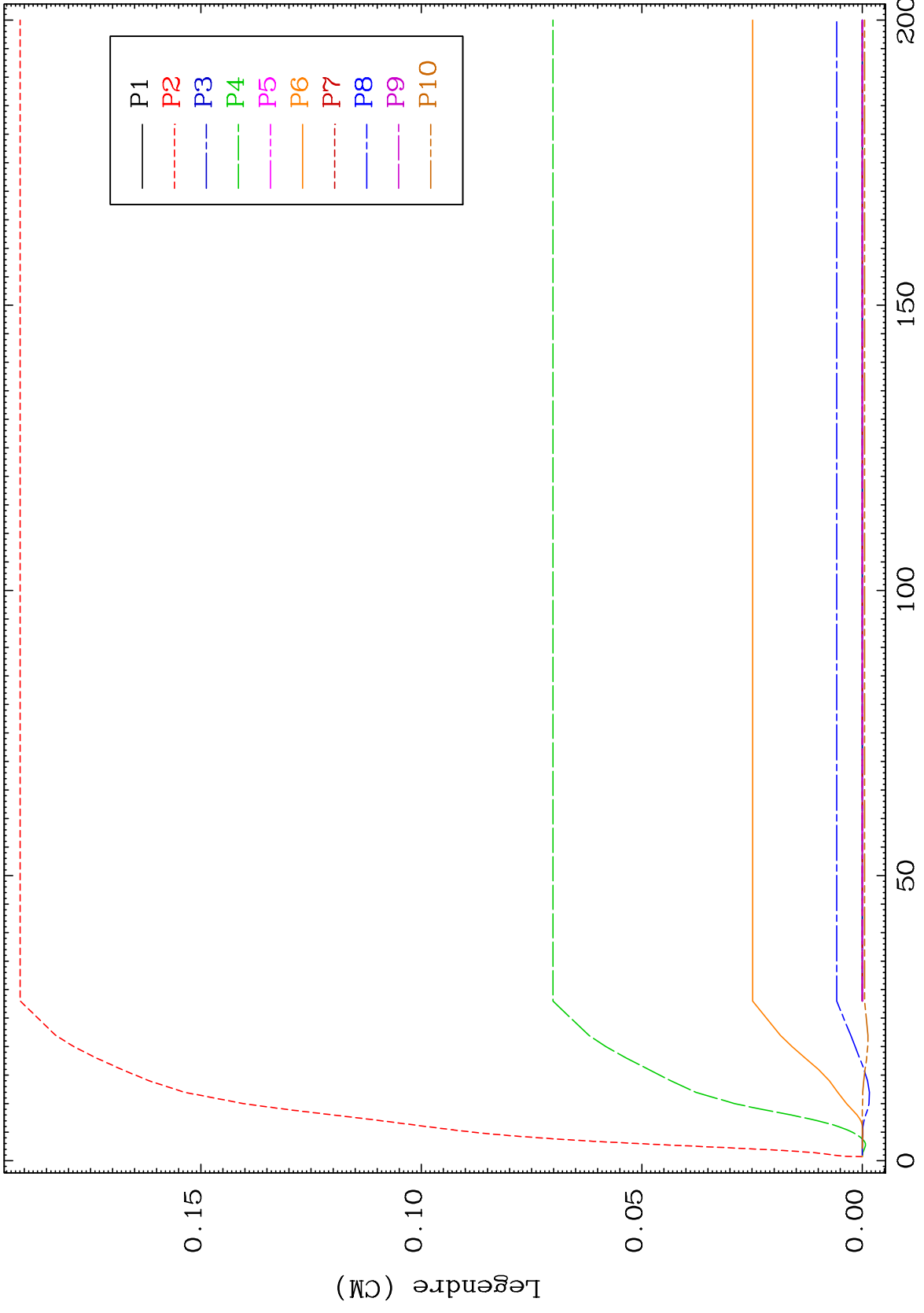
21 17-Cl-34

MAT 1722 MT= 52 (n,n') Level Legendre Coefficients 17-Cl-34



22 Incident Energy (MeV) 17-Cl-34

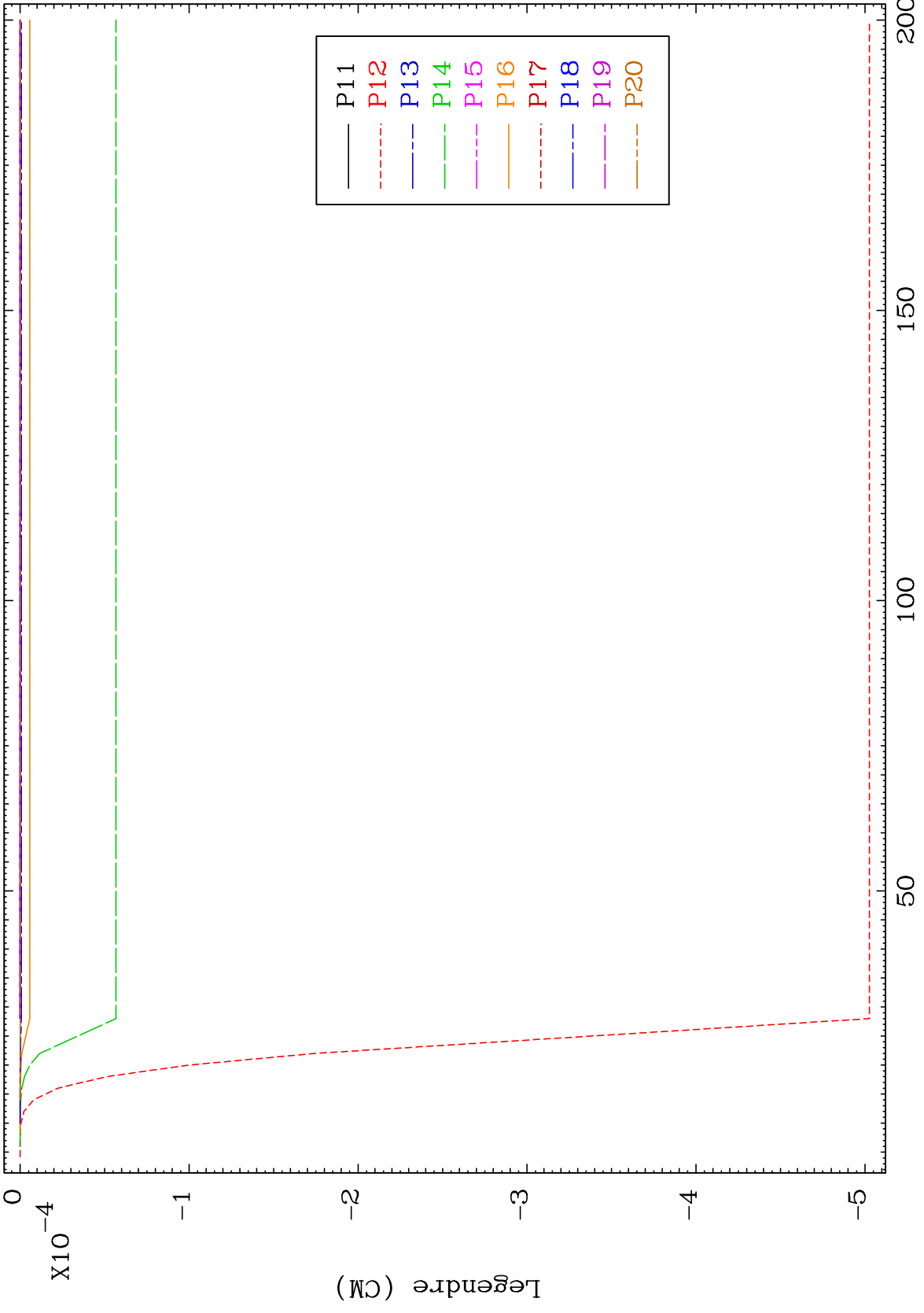
MAT 1722 MT= 53 (n,n') Level Legendre Coefficients 17-Cl-34



23 17-Cl-34

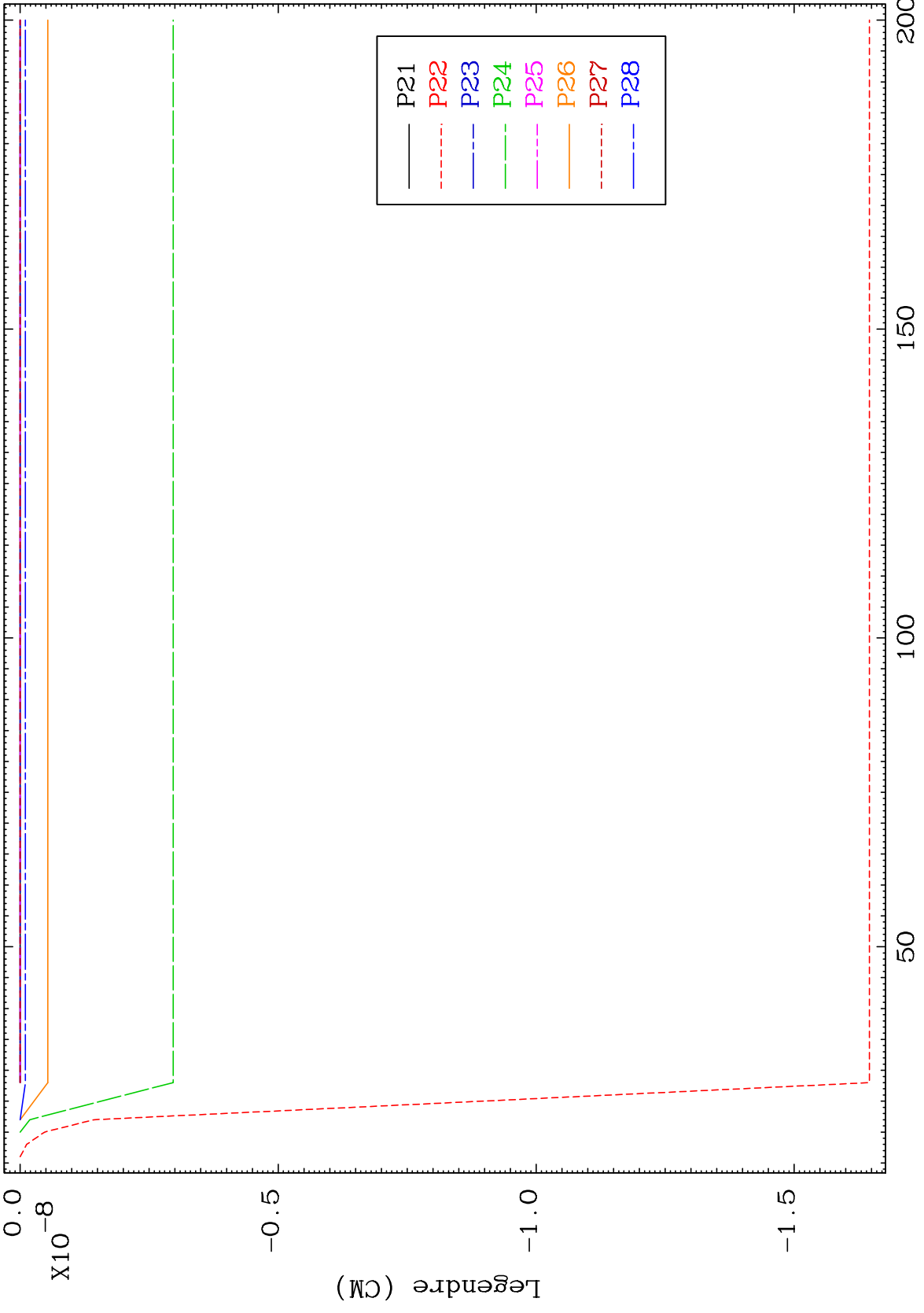


MAT 1722 MT= 53 (n,n') Level Legendre Coefficients 17-Cl-34



24 17-Cl-34

MAT 1722 MT= 53 (n,n') Level Legendre Coefficients 17-Cl-34

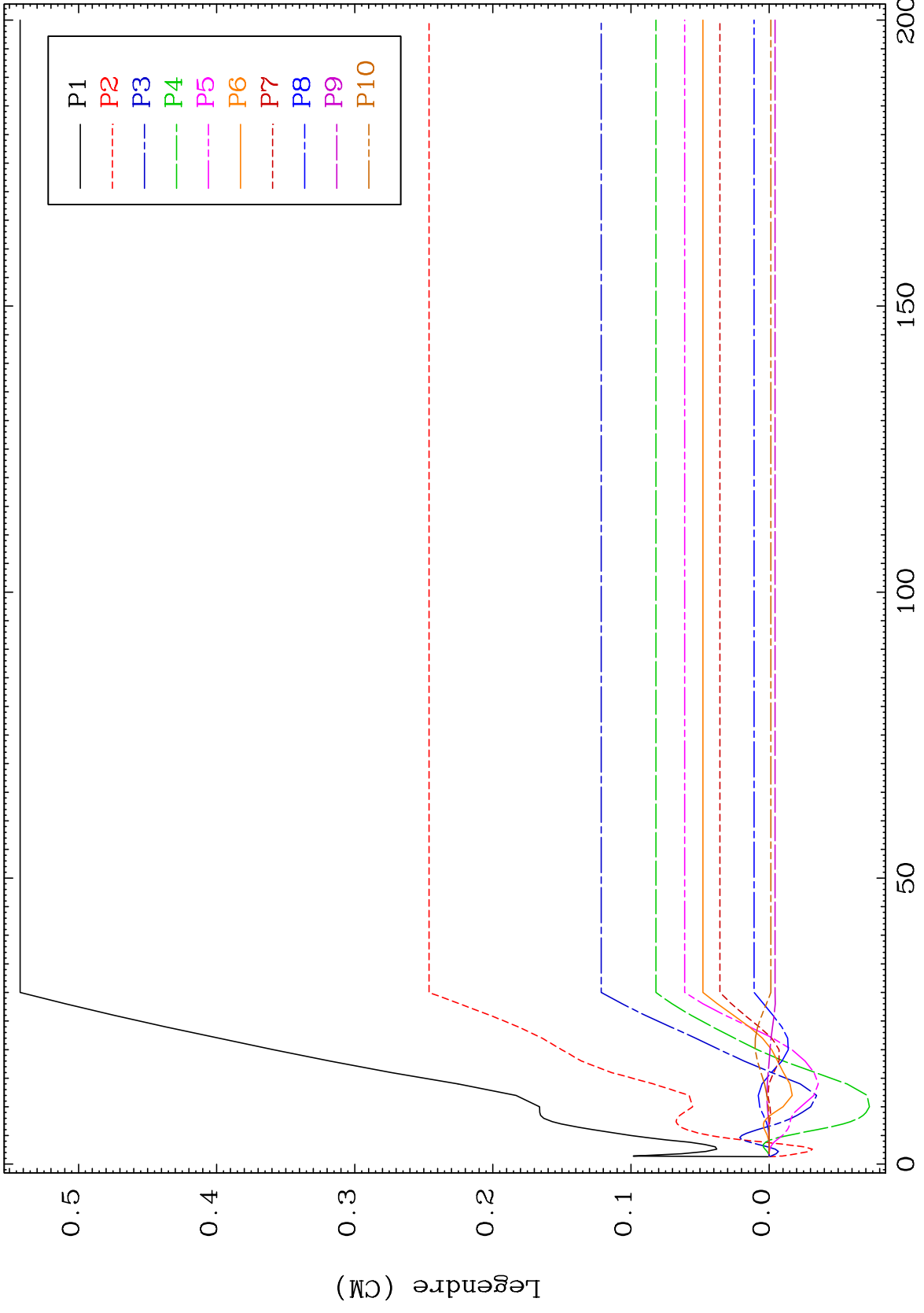


25 Incident Energy (MeV) 17-Cl-34

MAT 1722

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

17-Cl-34



26

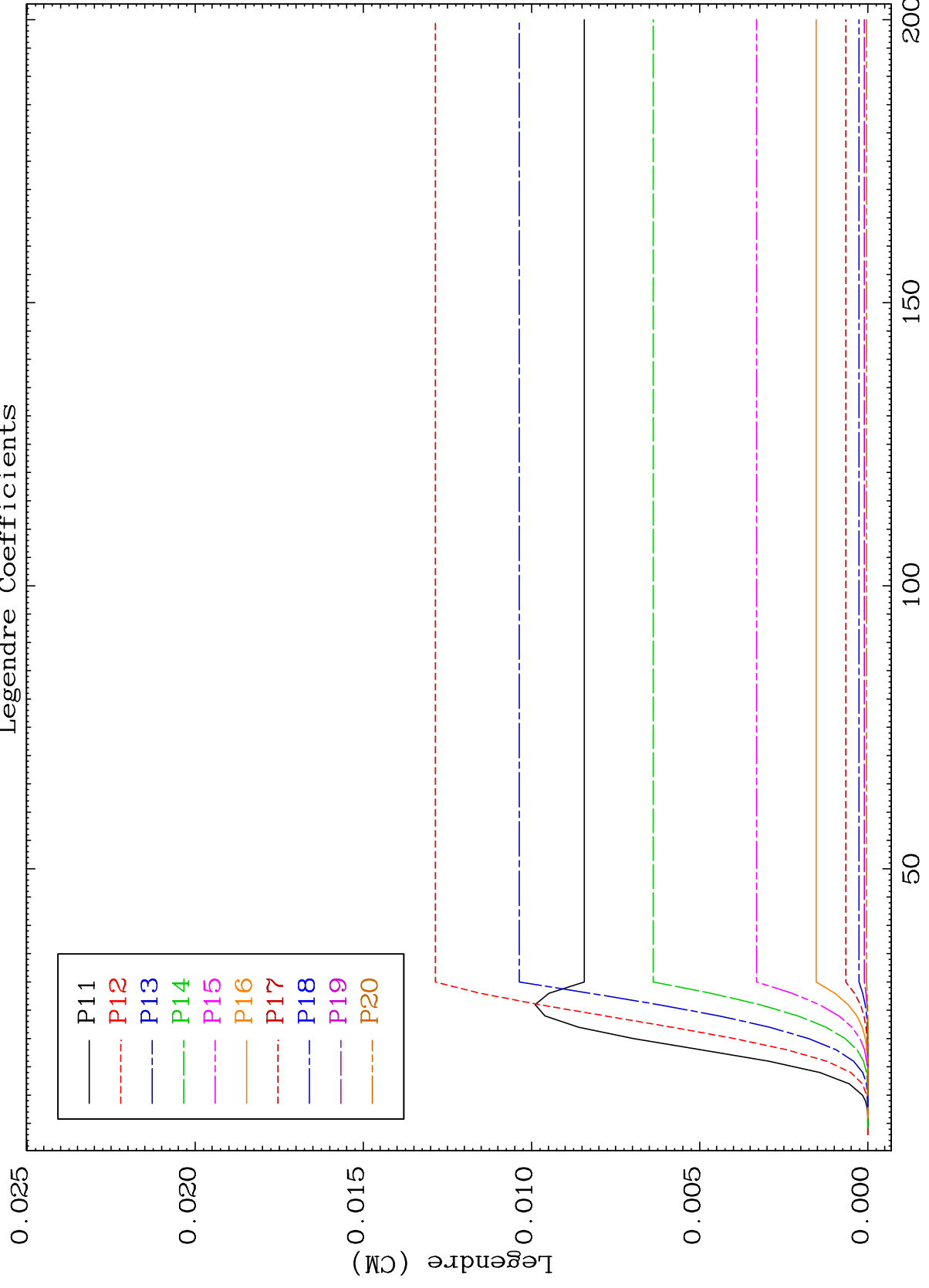
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



27

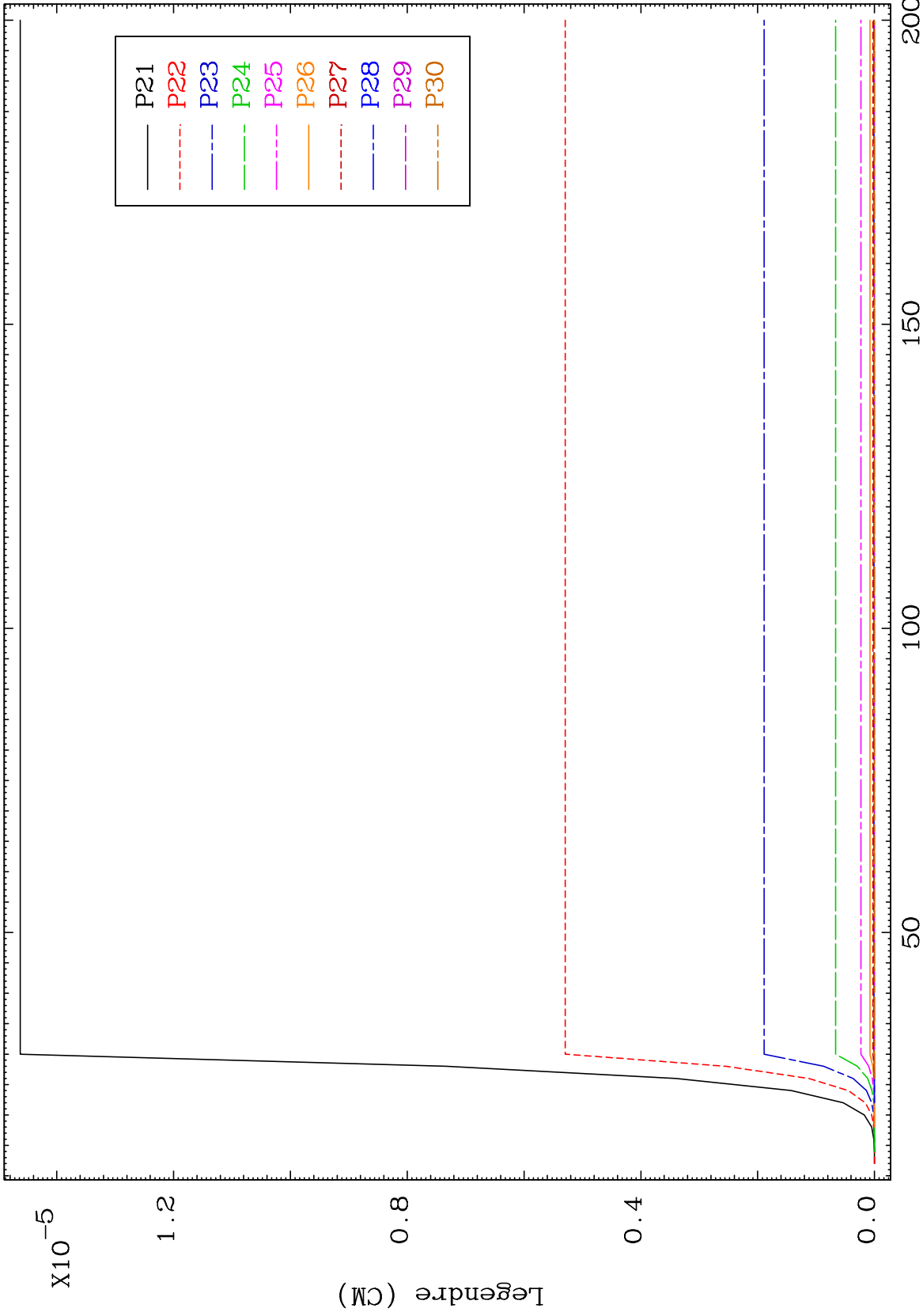
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



28

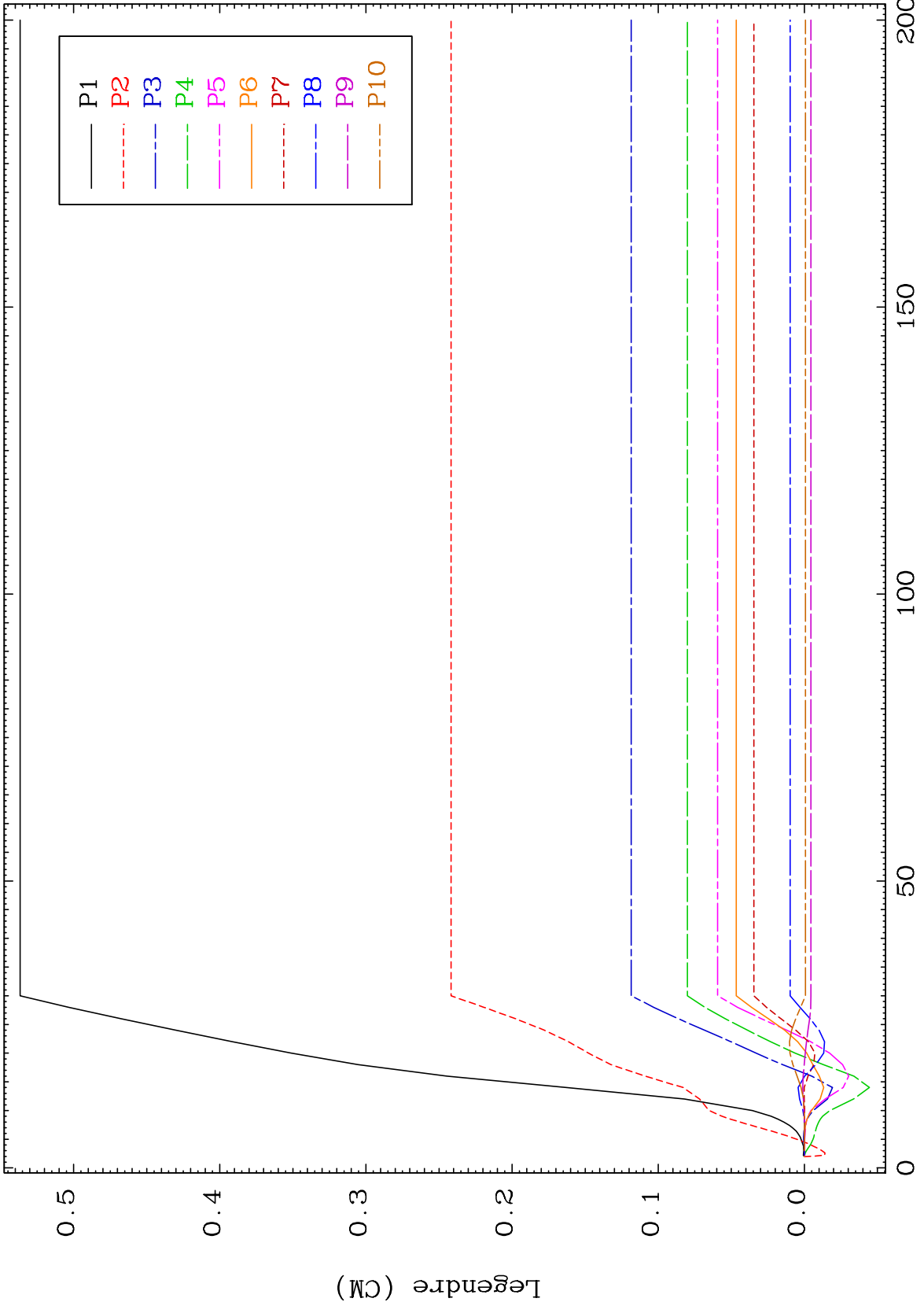
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



29

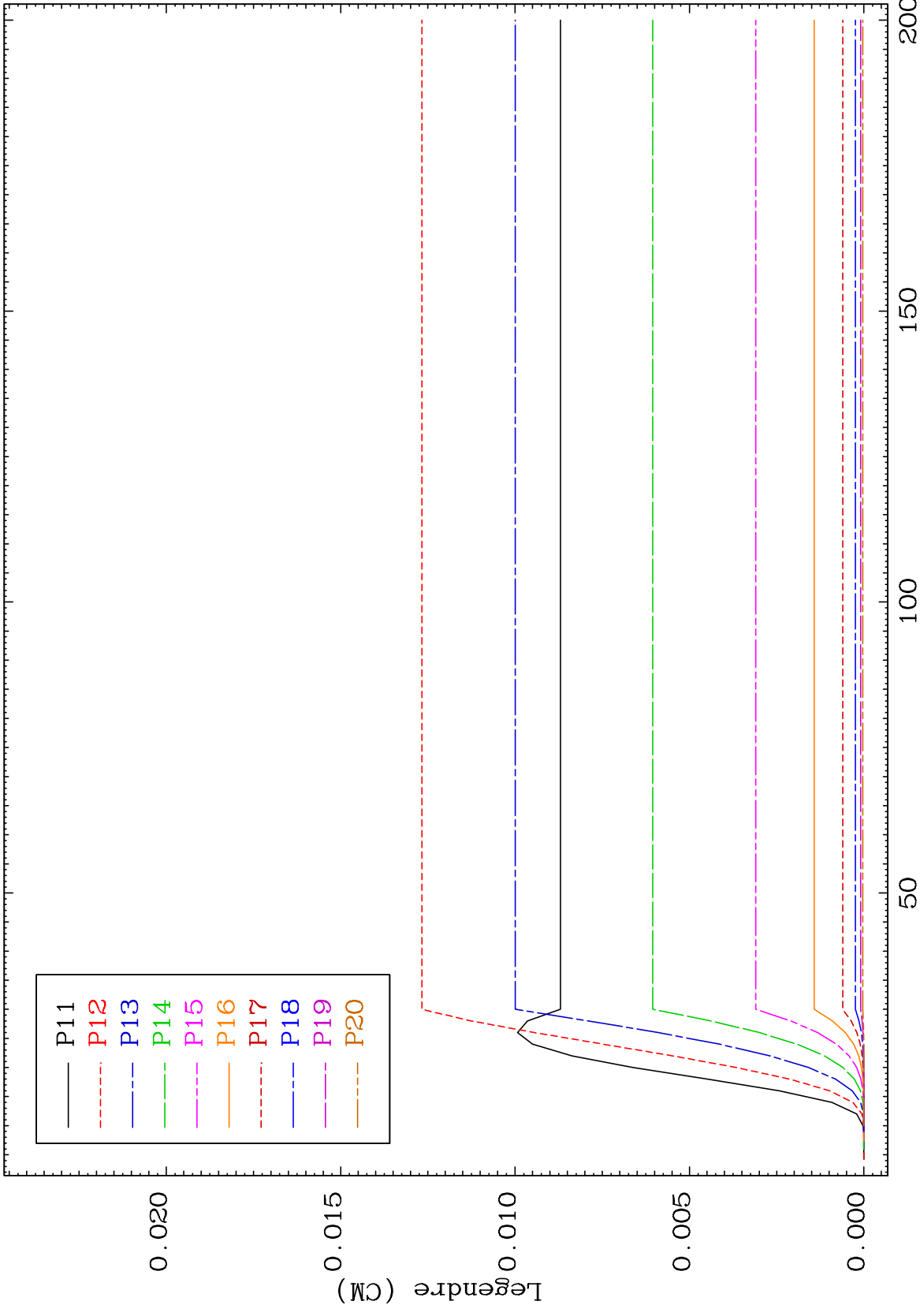
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



30

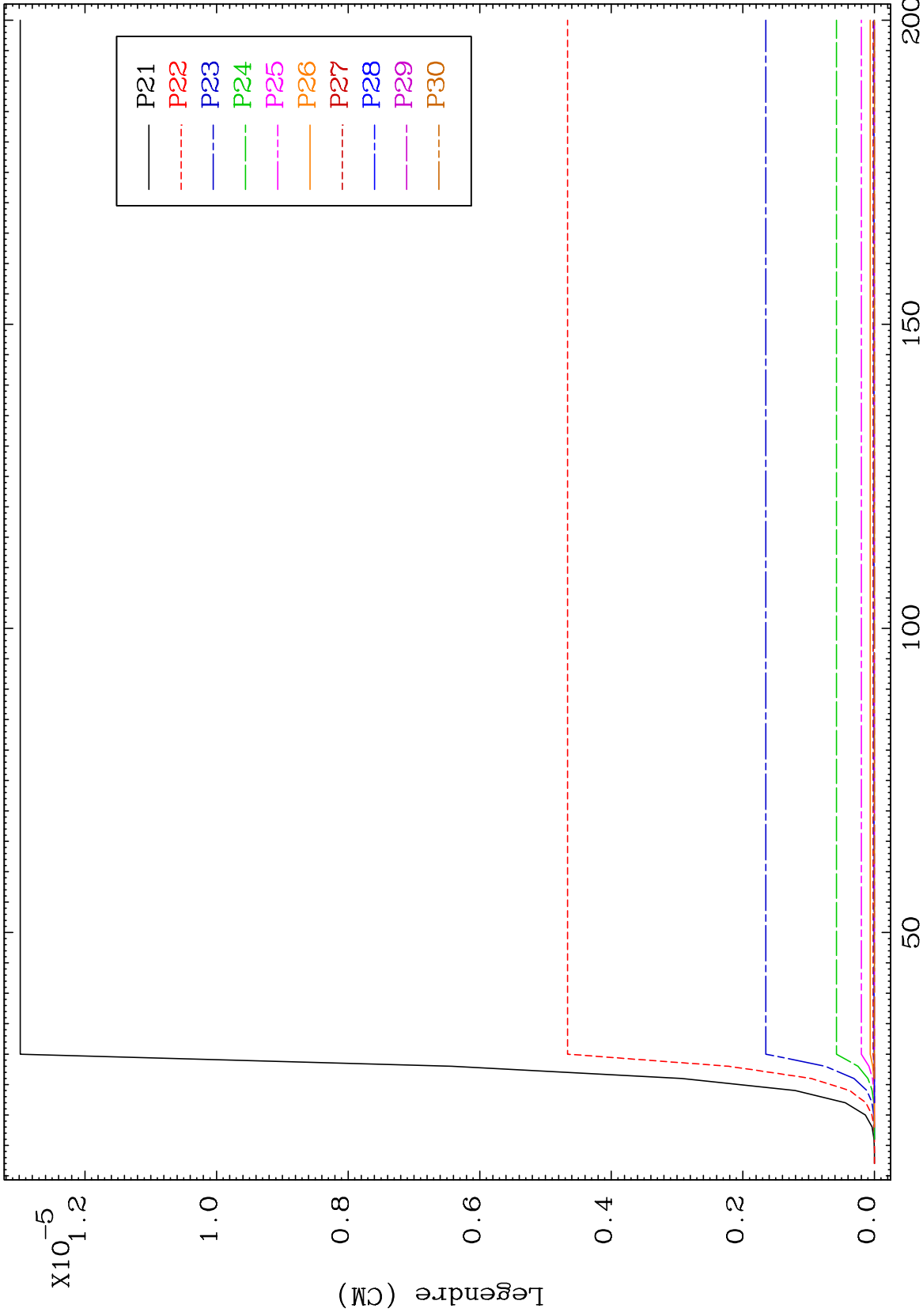
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



31

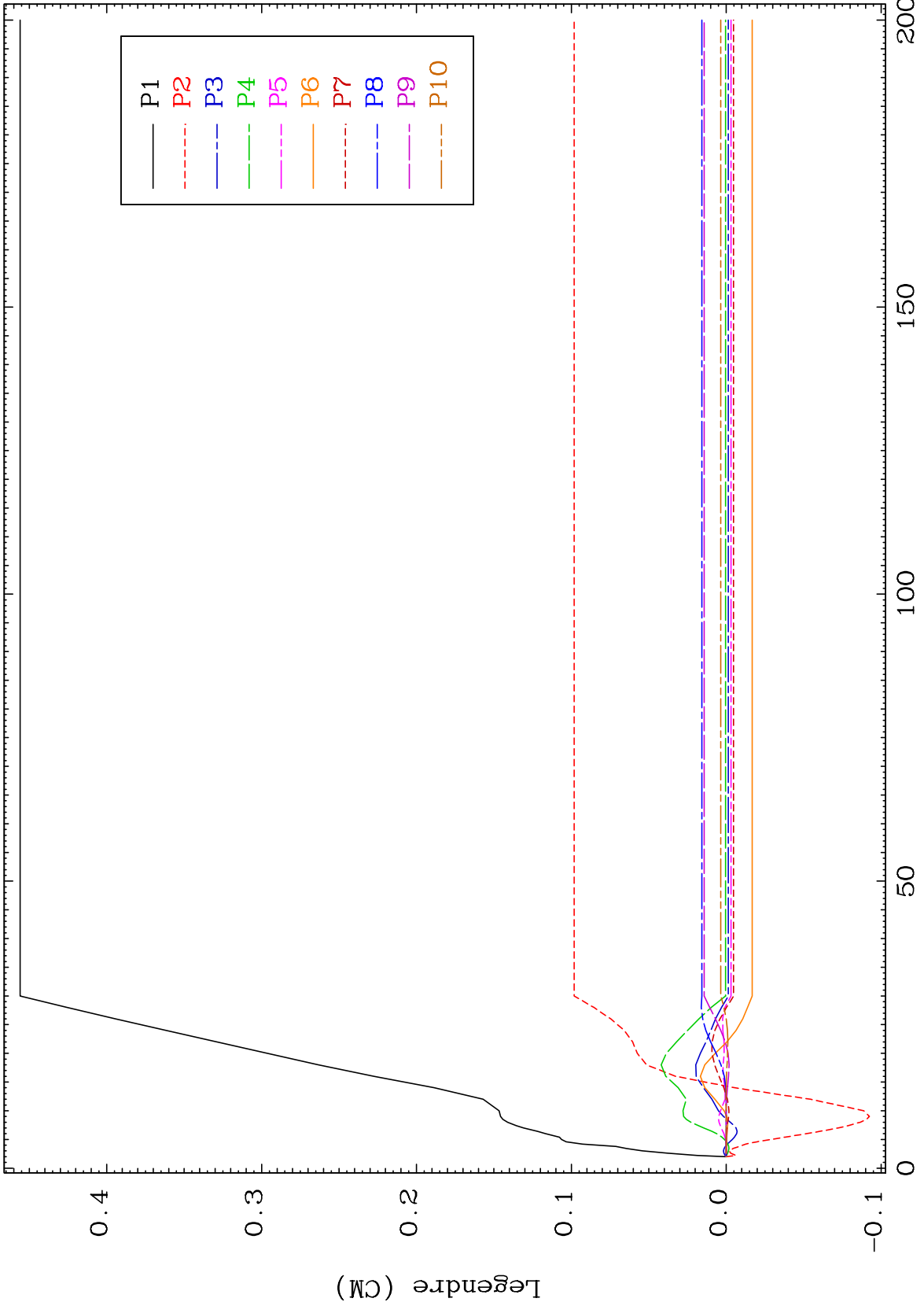
17-Cl-34



MAT 1722

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

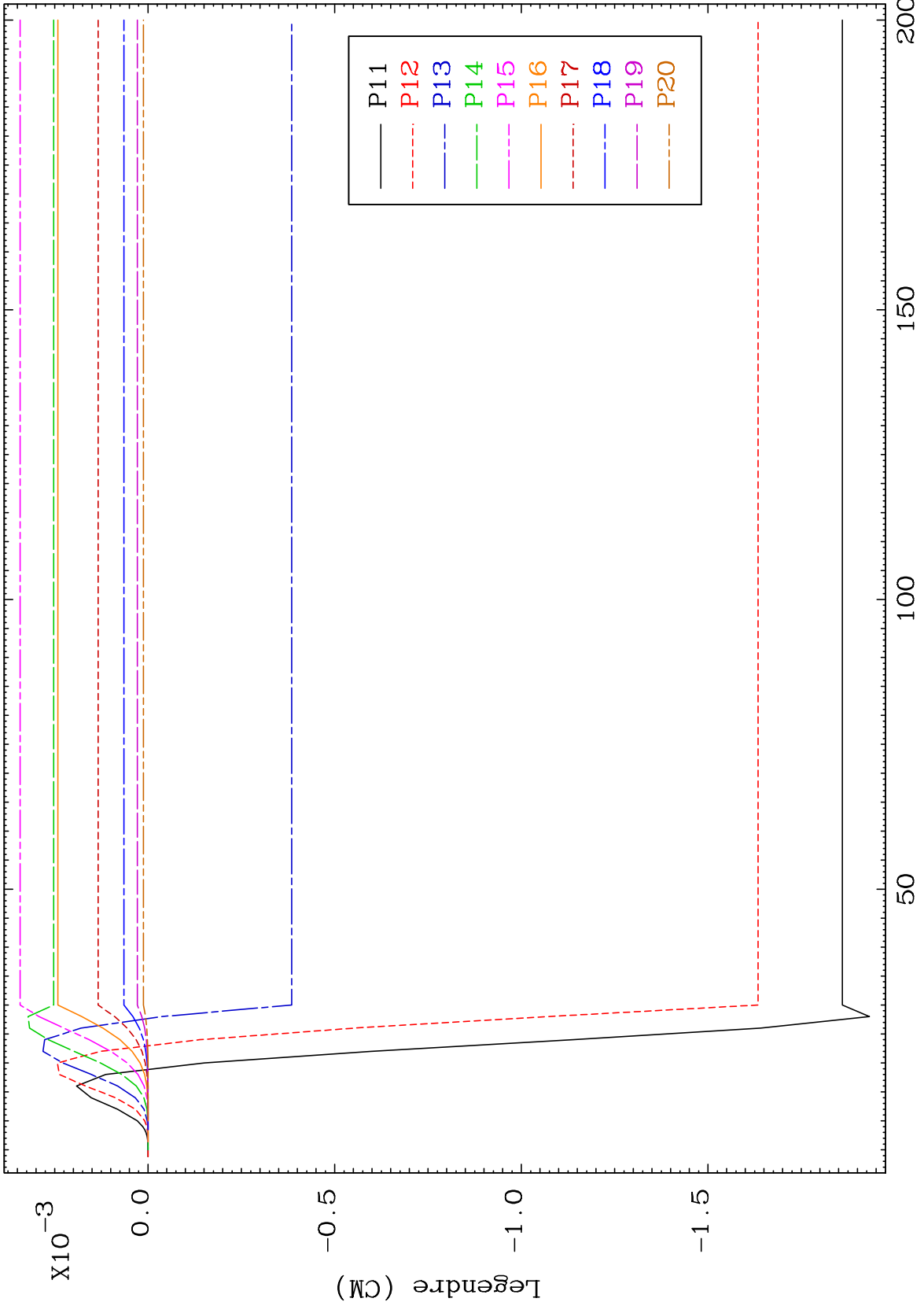
17-Cl-34



32

Incident Energy (MeV)

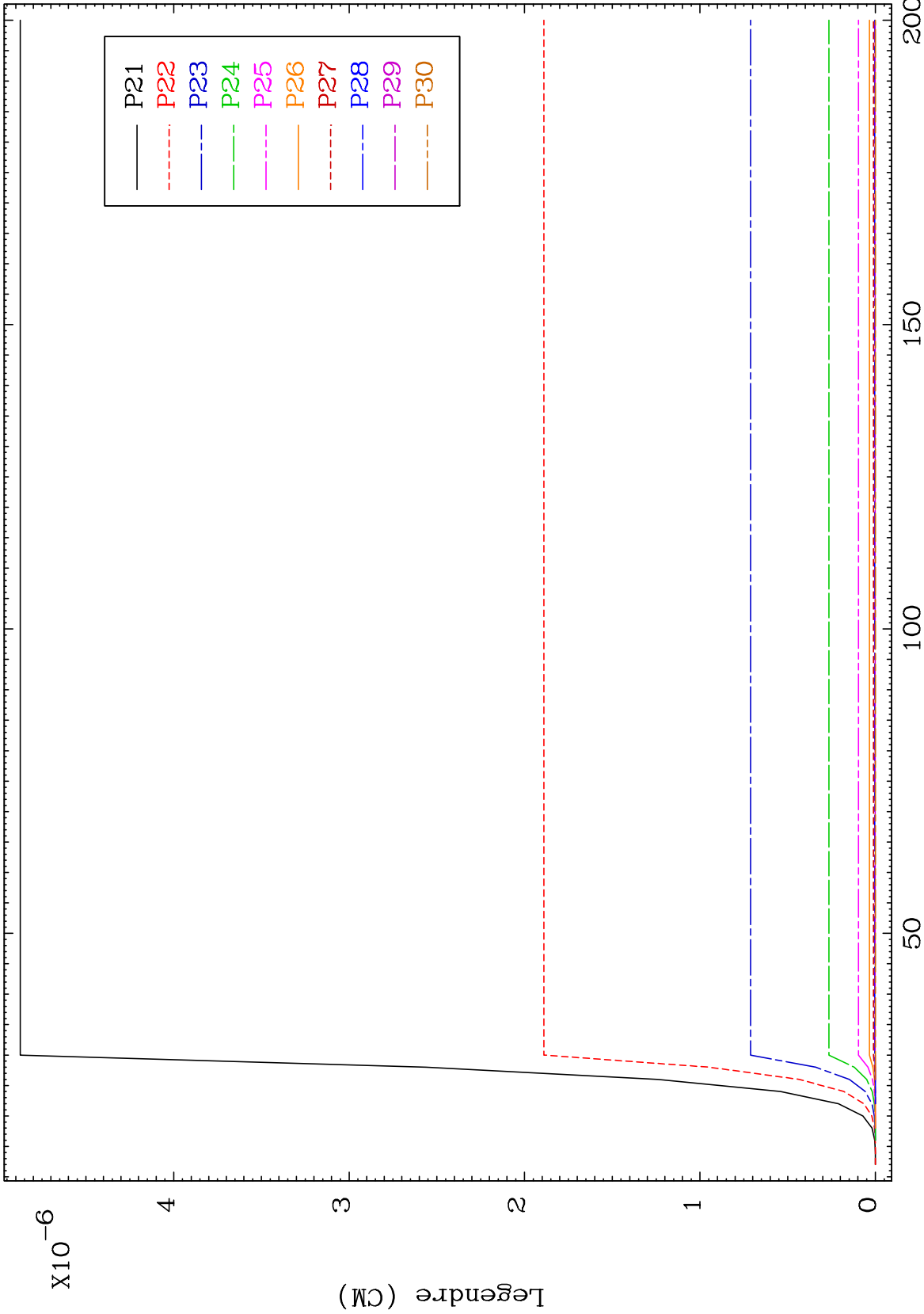
17-Cl-34



MAT 1722

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

17-Cl-34



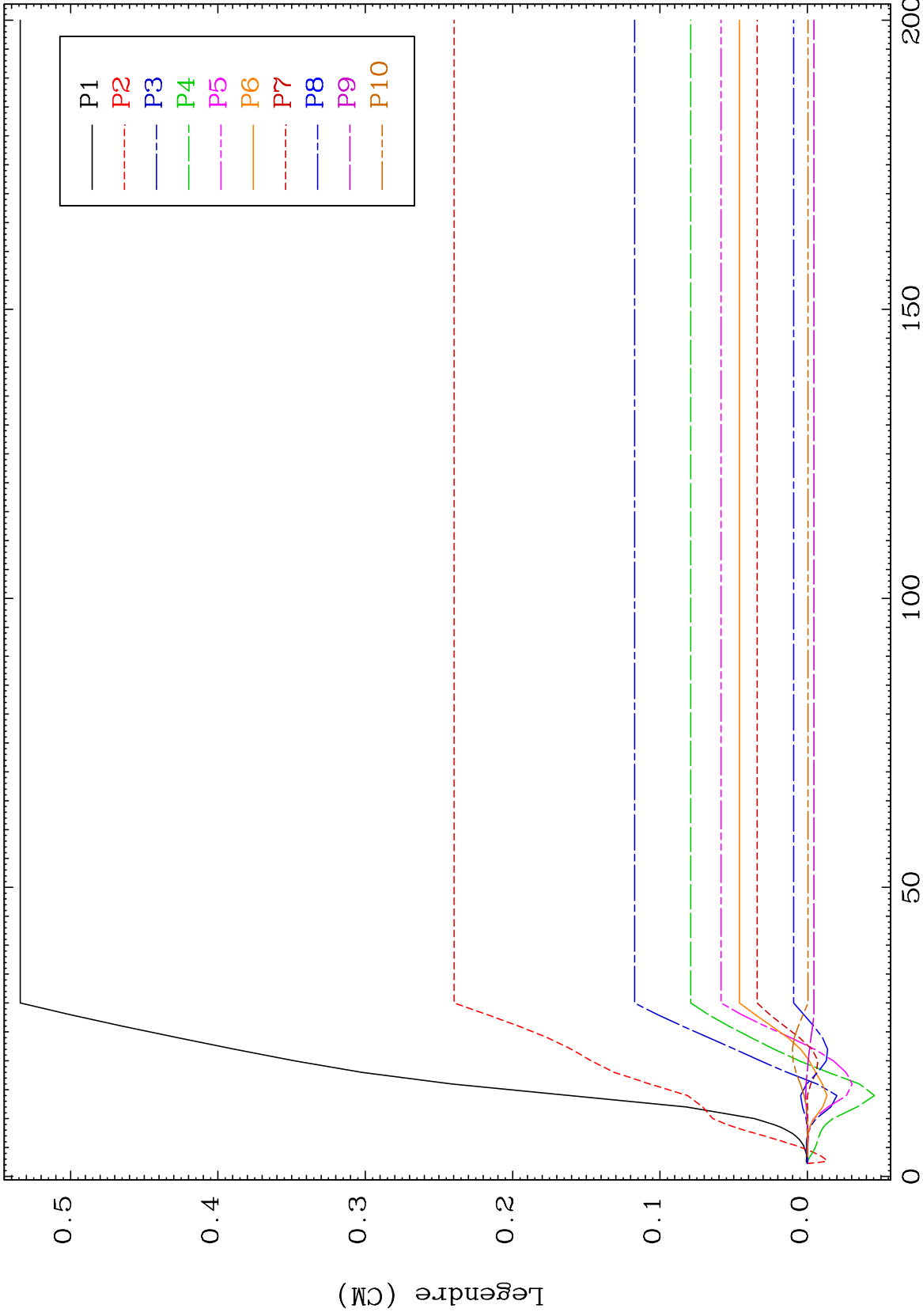
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17-Cl-34

MAT 1722

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

17-Cl-34



35

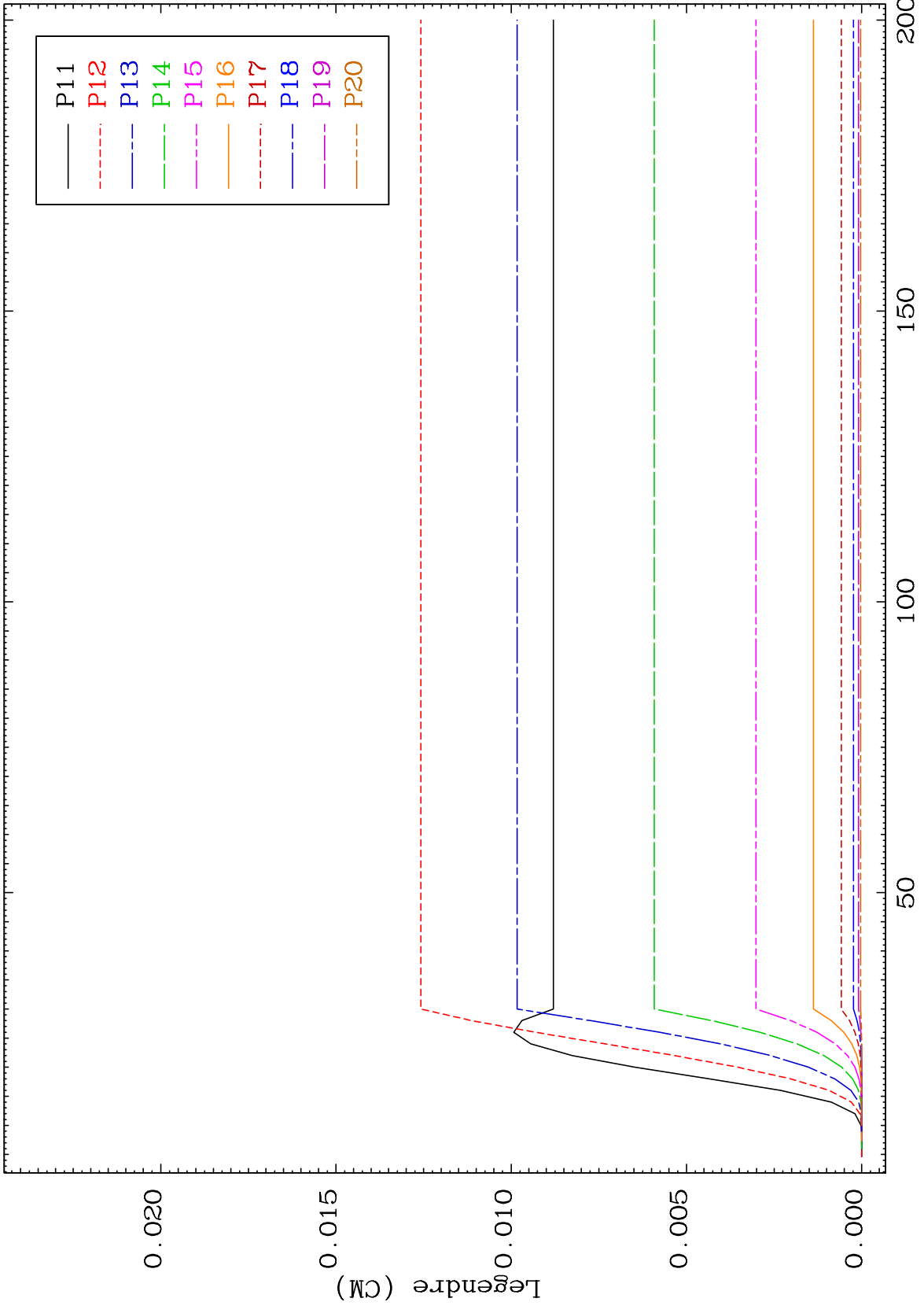
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



36

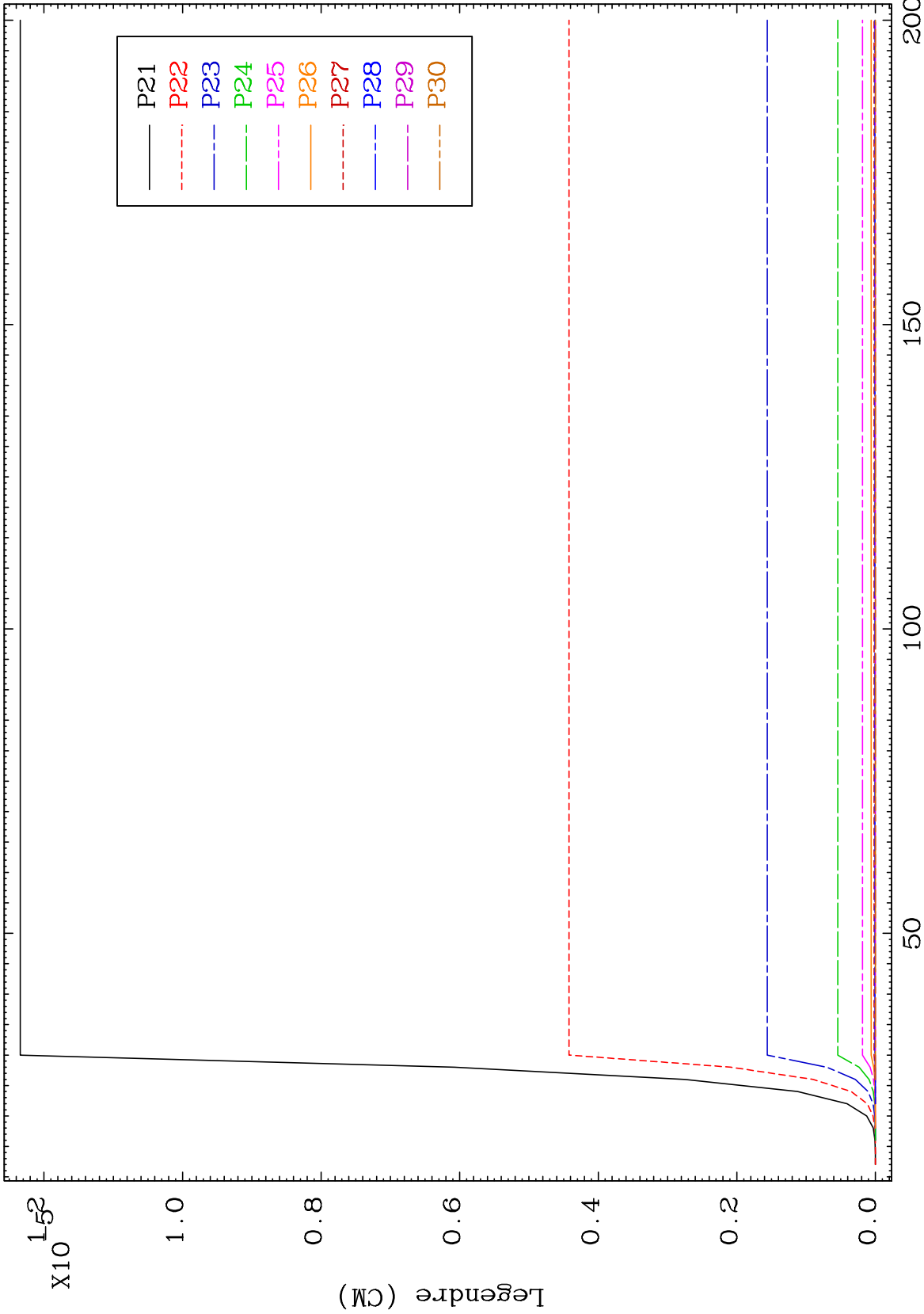
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-C1-34



37

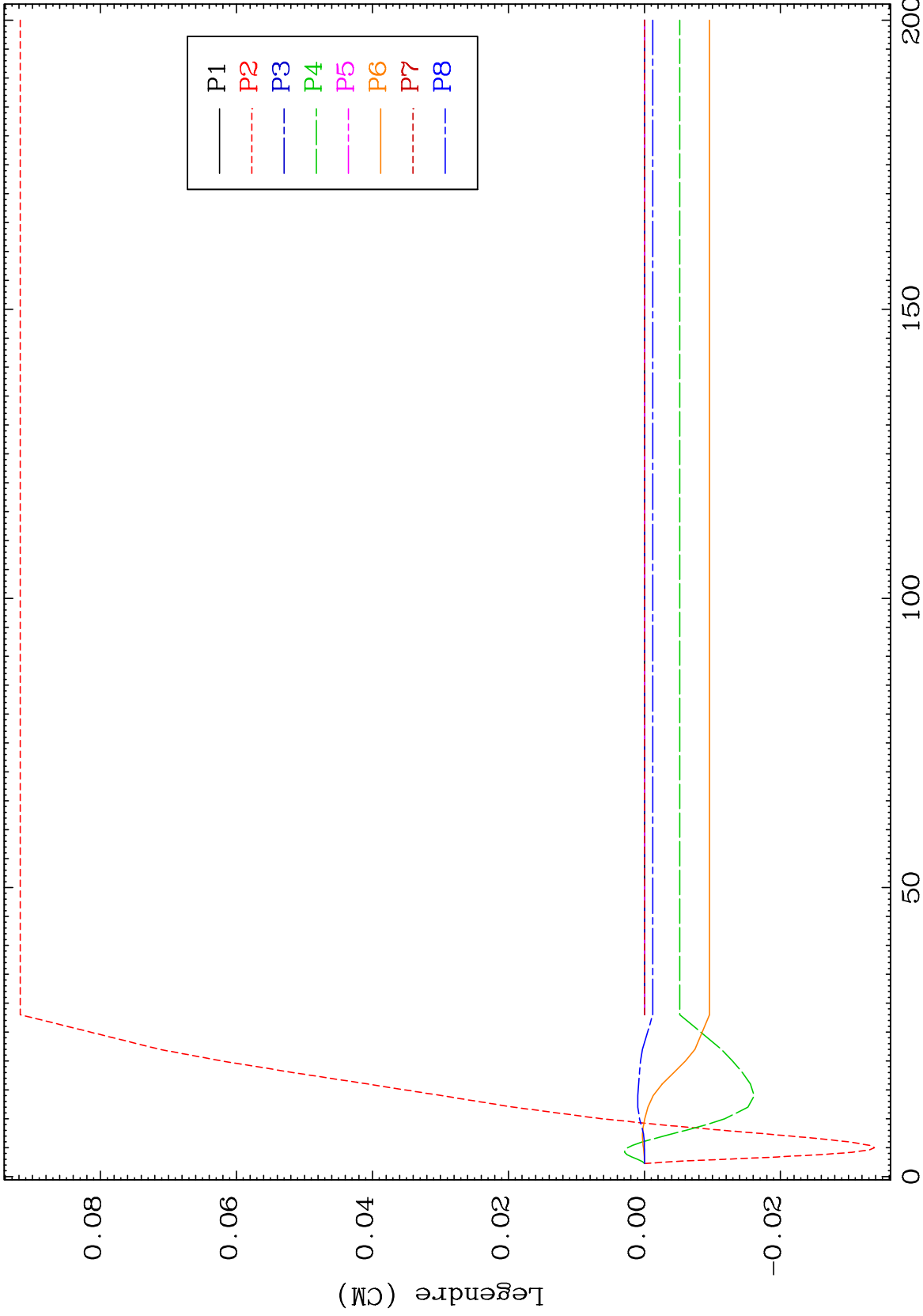
Incident Energy (MeV)

17-C1-34

MAT 1722

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

17-Cl-34



38

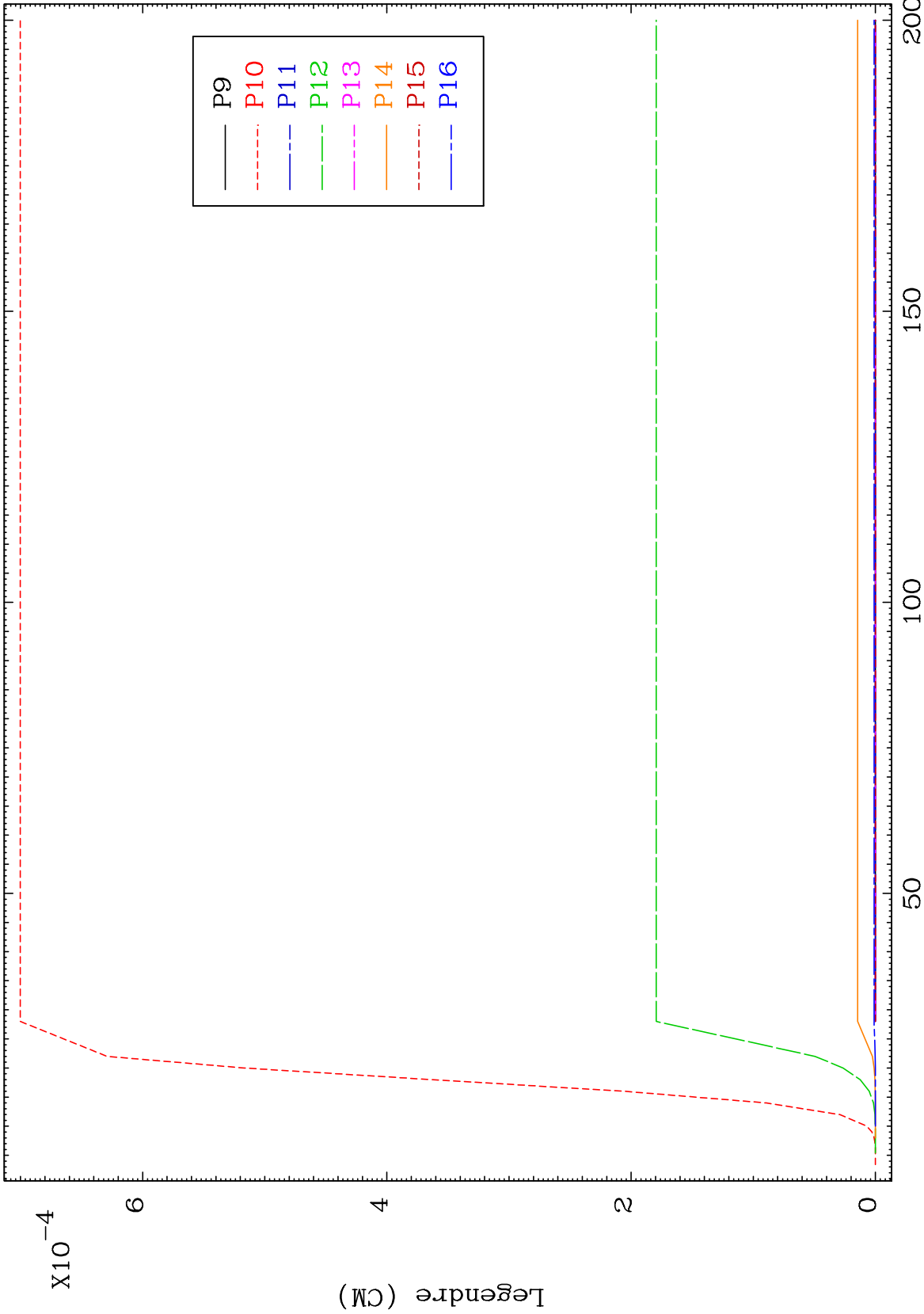
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



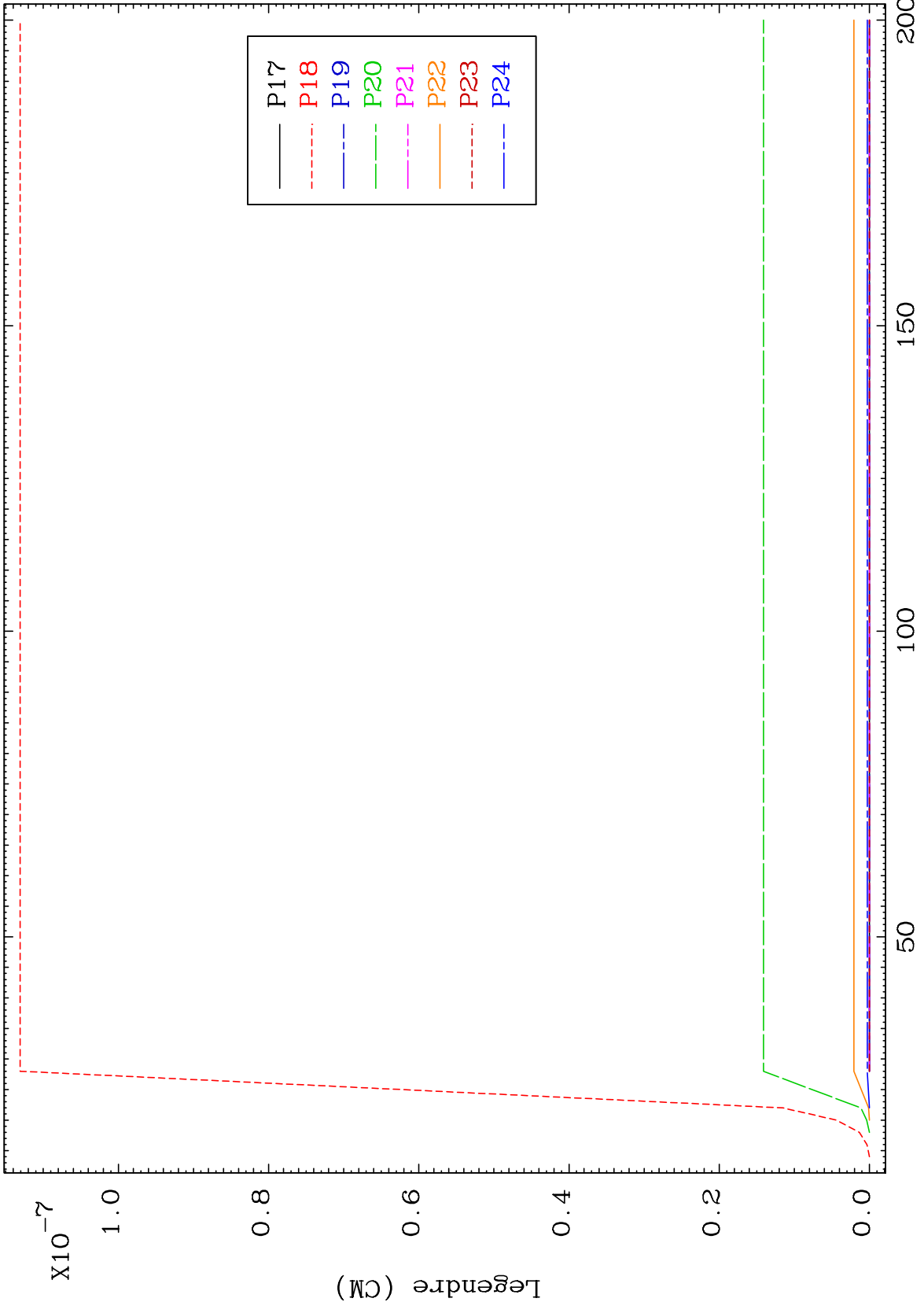
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Incident Energy (MeV)

17-Cl-34



MAT 1722 MT= 58 (n,n') Level Legendre Coefficients 17-Cl-34

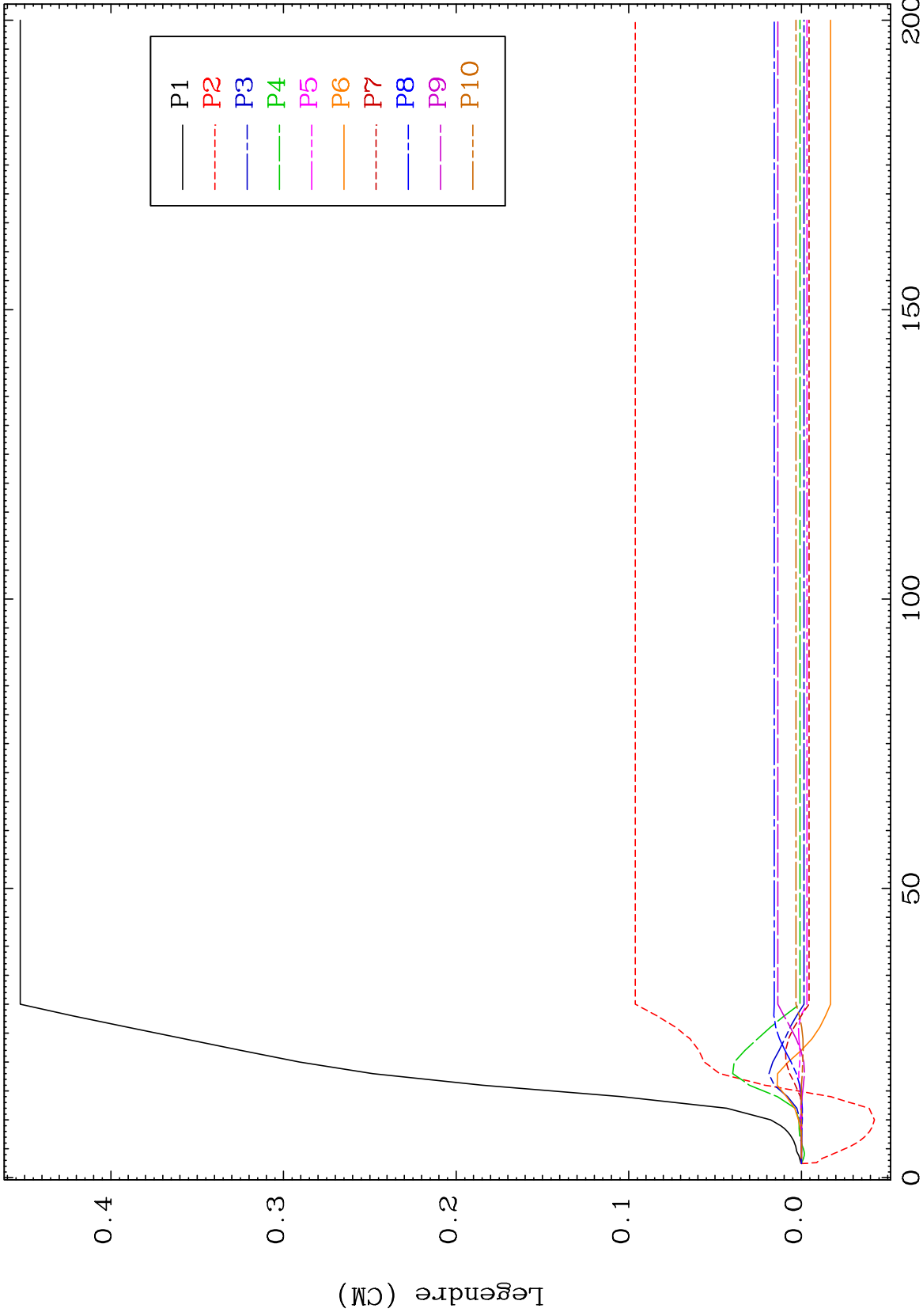


17-Cl-34

MAT 1722

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

17-Cl-34



41

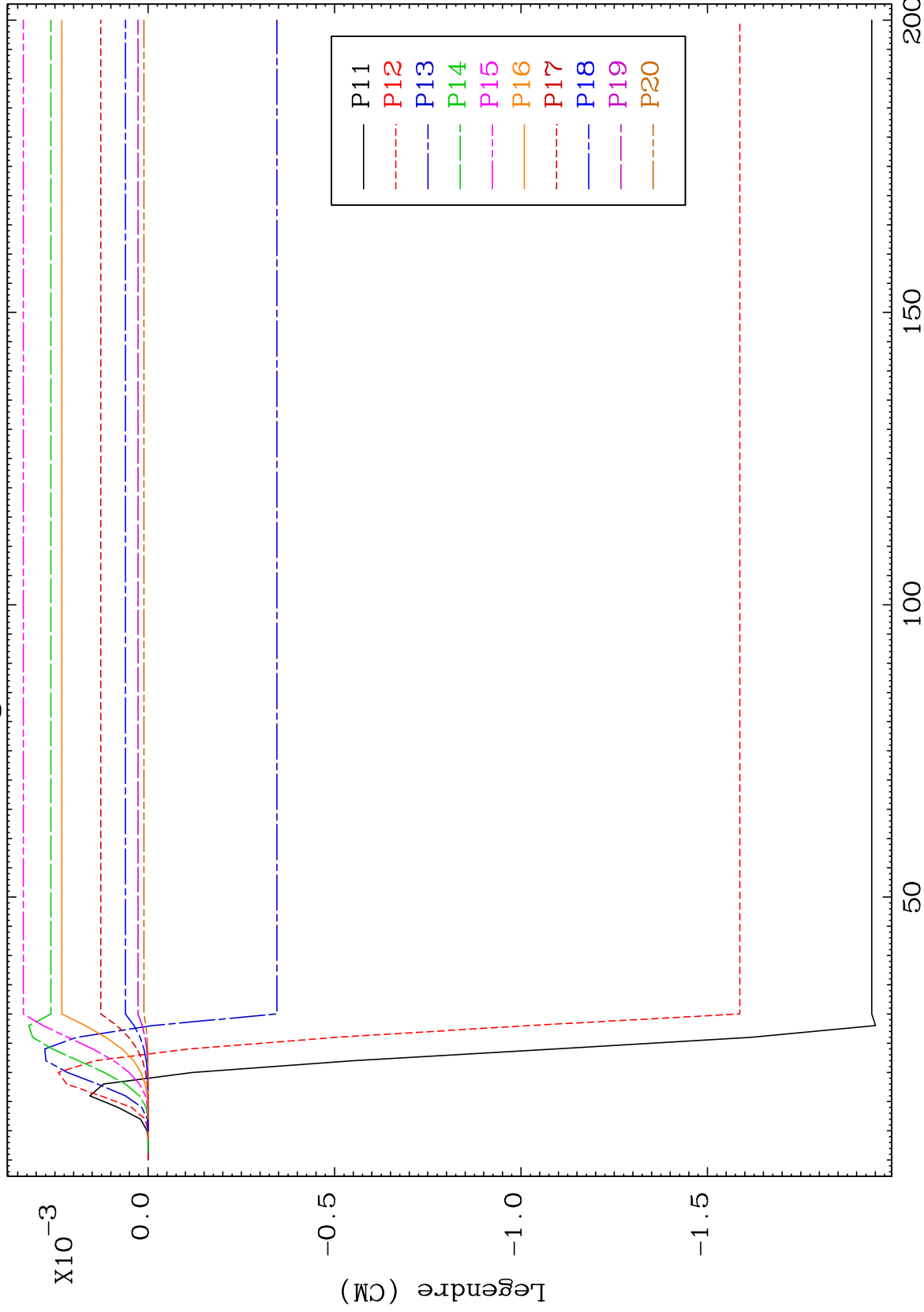
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



42

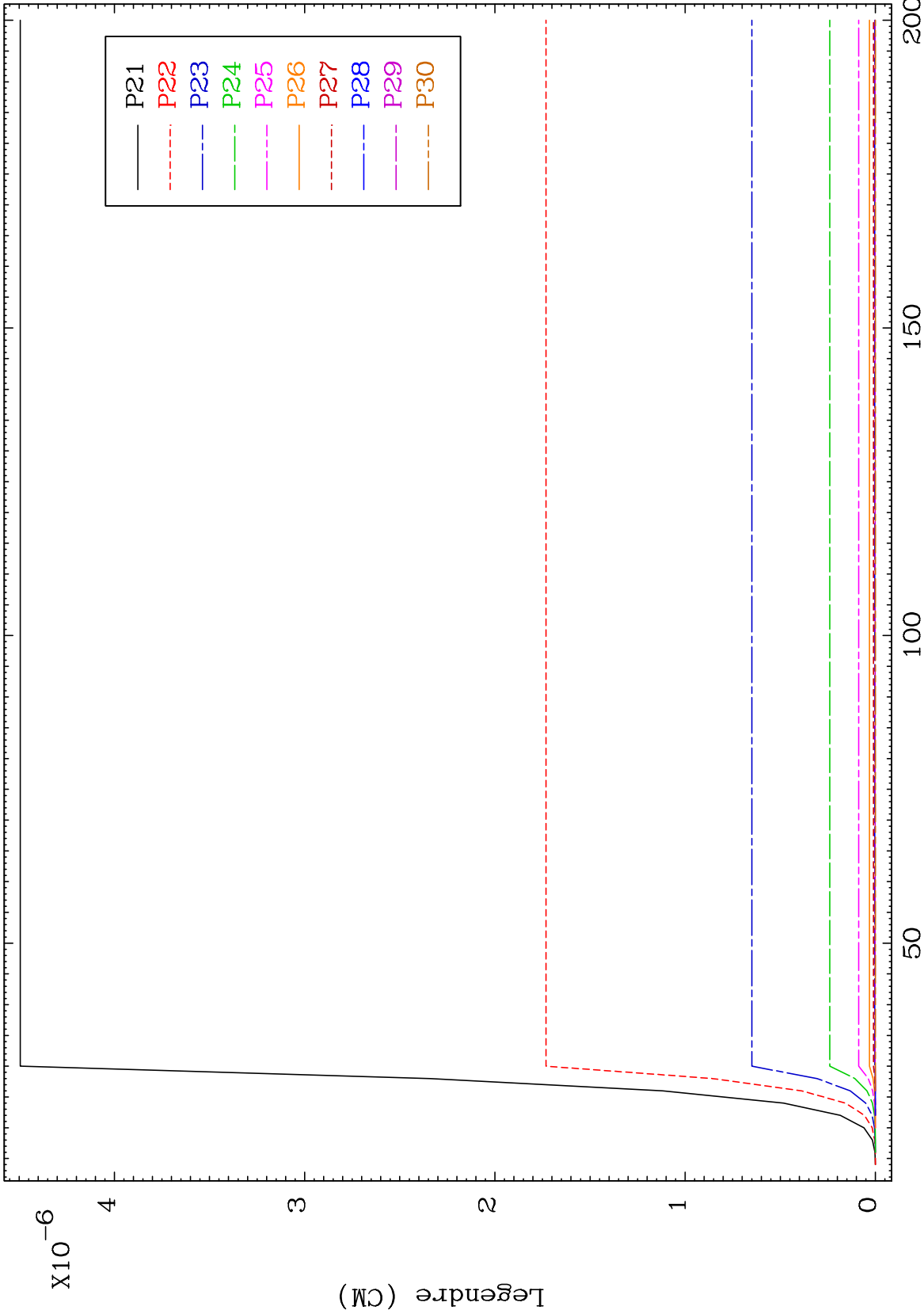
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34

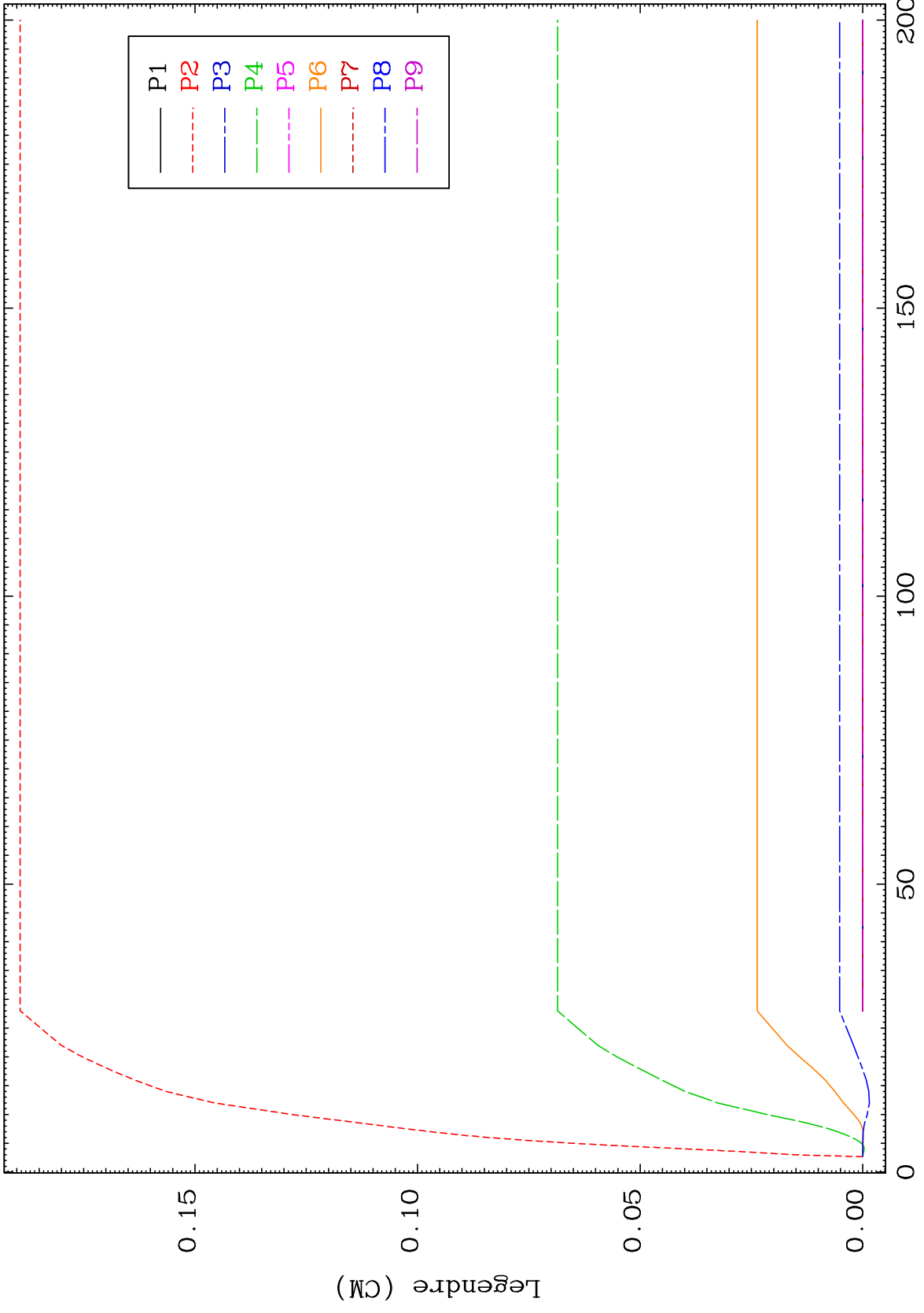


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Incident Energy (MeV)

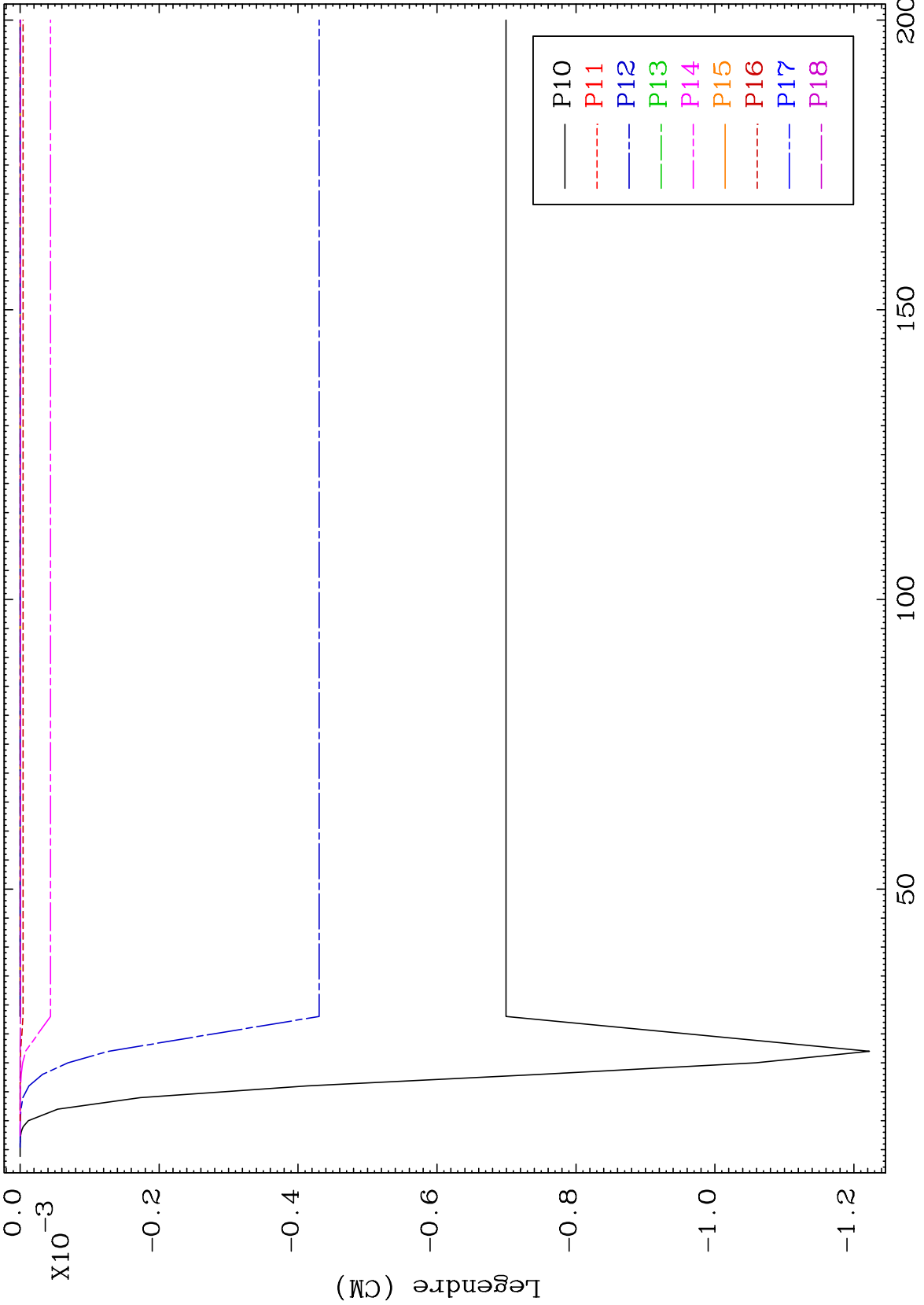
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MAT 1722 MT= 60 (n,n') Level Legendre Coefficients 17-Cl-34



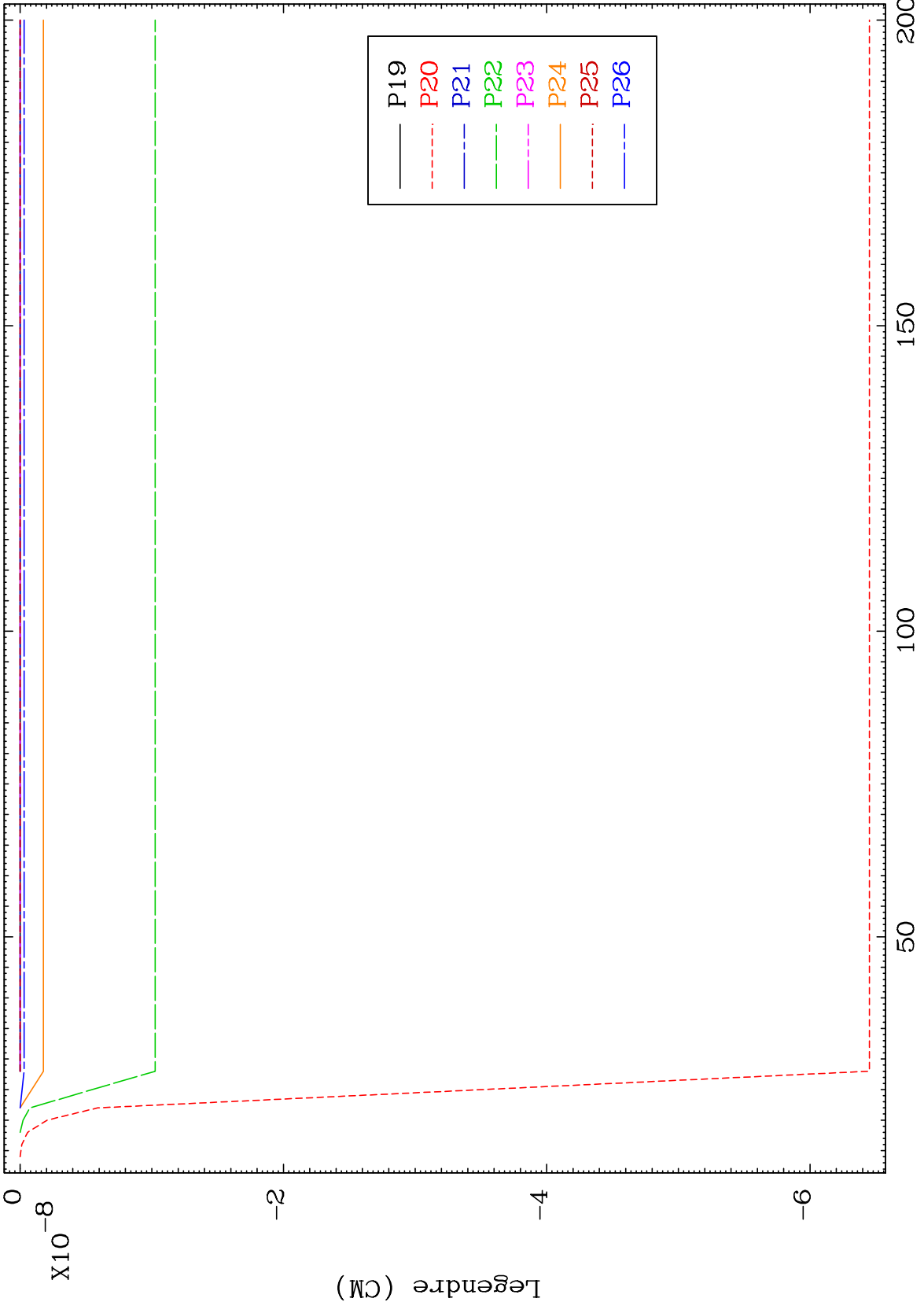
44 Incident Energy (MeV) 17-Cl-34

MAT 1722 MT= 60 (n,n') Level Legendre Coefficients 17-Cl-34



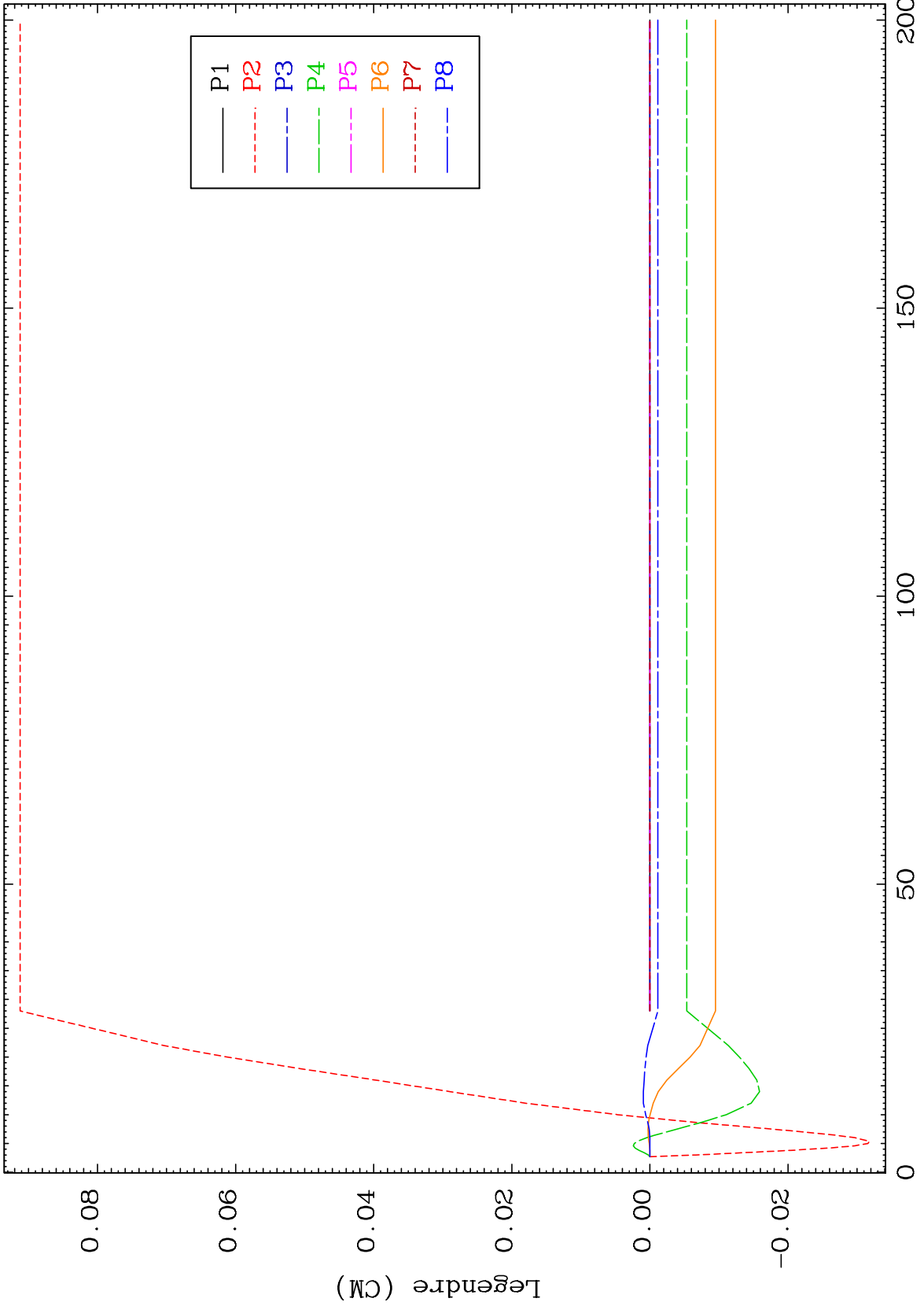
45 50 100 150 200 17-Cl-34

MAT 1722 MT= 60 (n,n') Level Legendre Coefficients 17-Cl-34



46 17-Cl-34

MAT 1722 MT= 61 (n,n') Level Legendre Coefficients 17-CI-34



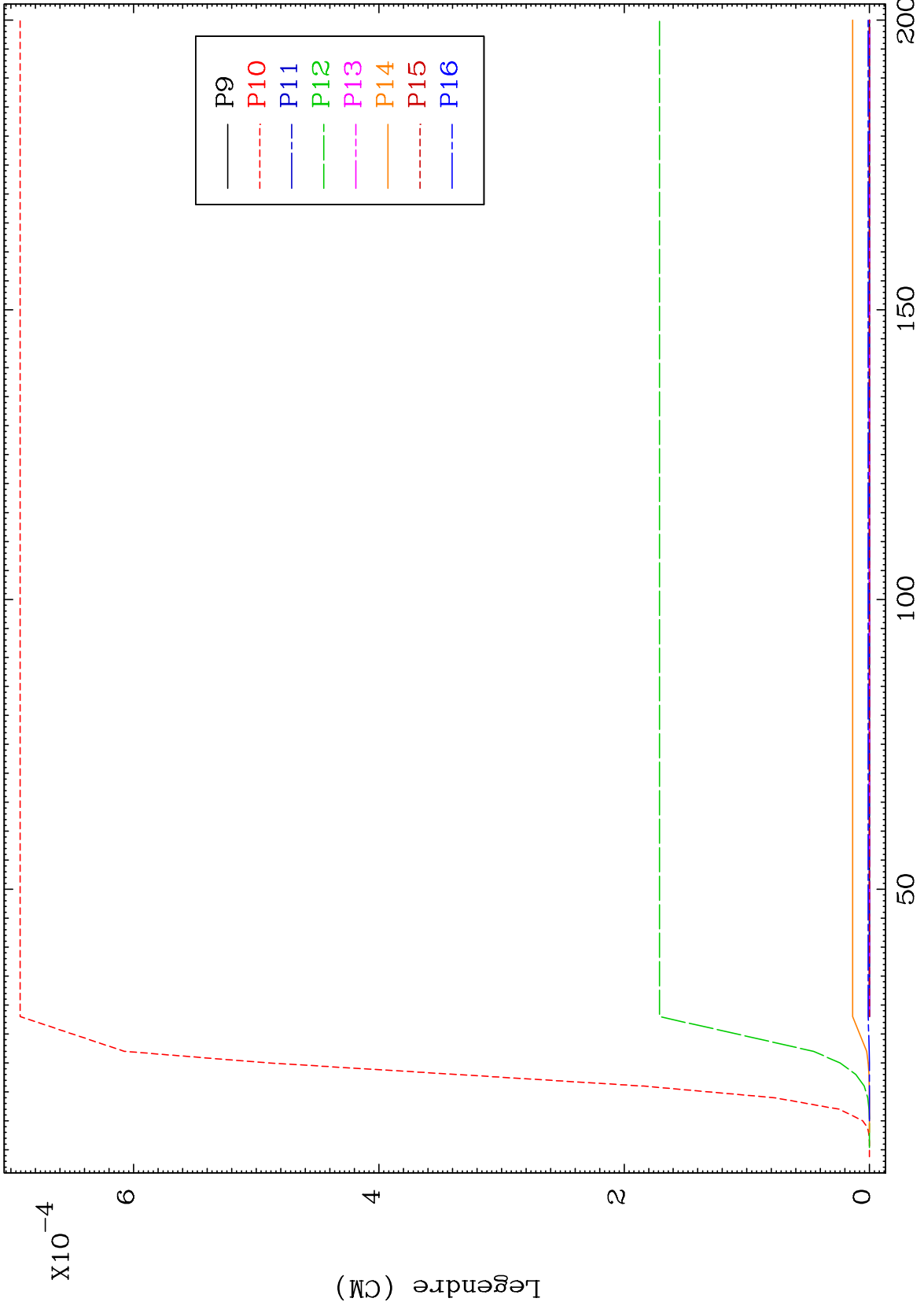
47 17-CI-34



MAT 1722

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

17-Cl-34



48

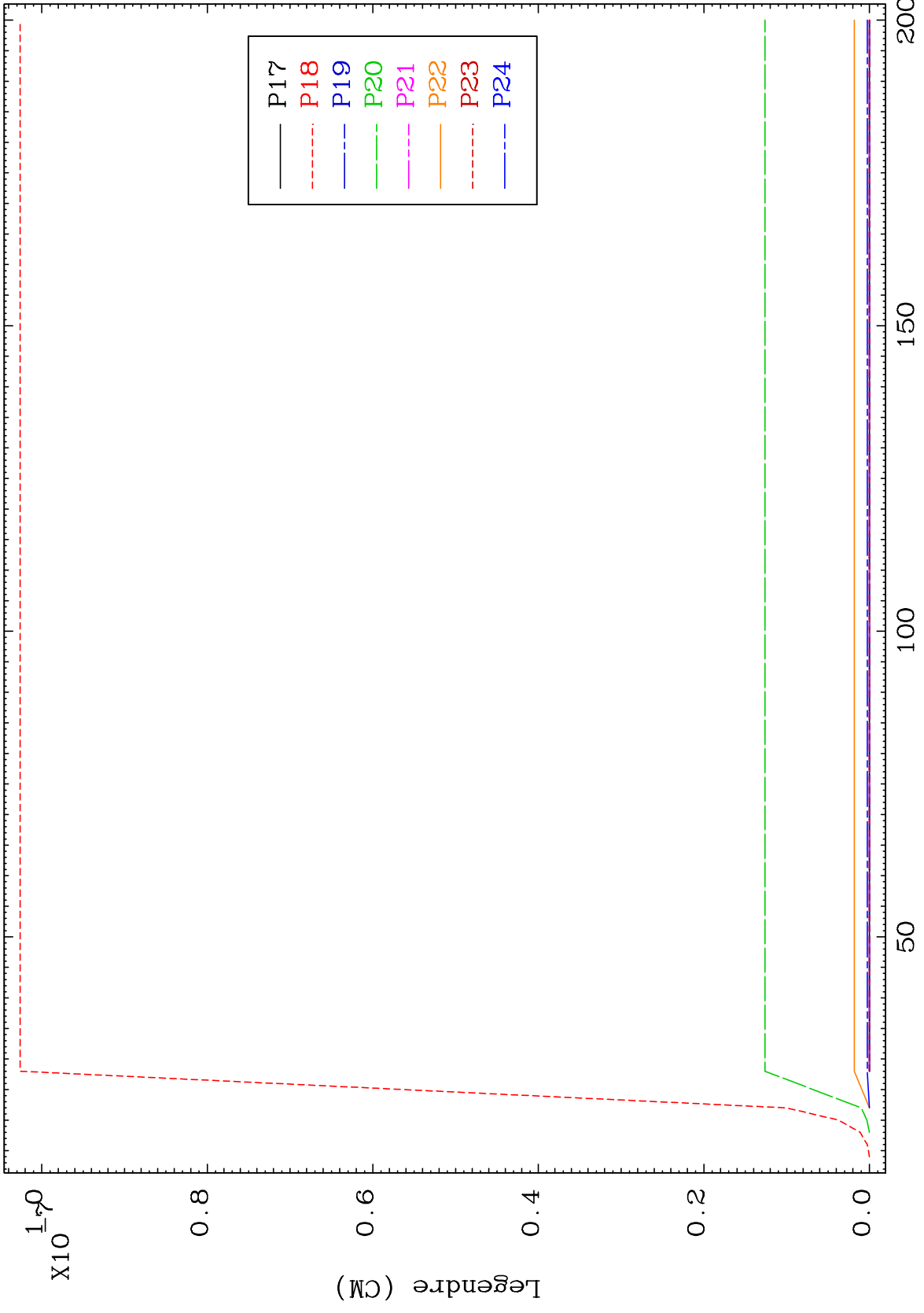
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



49

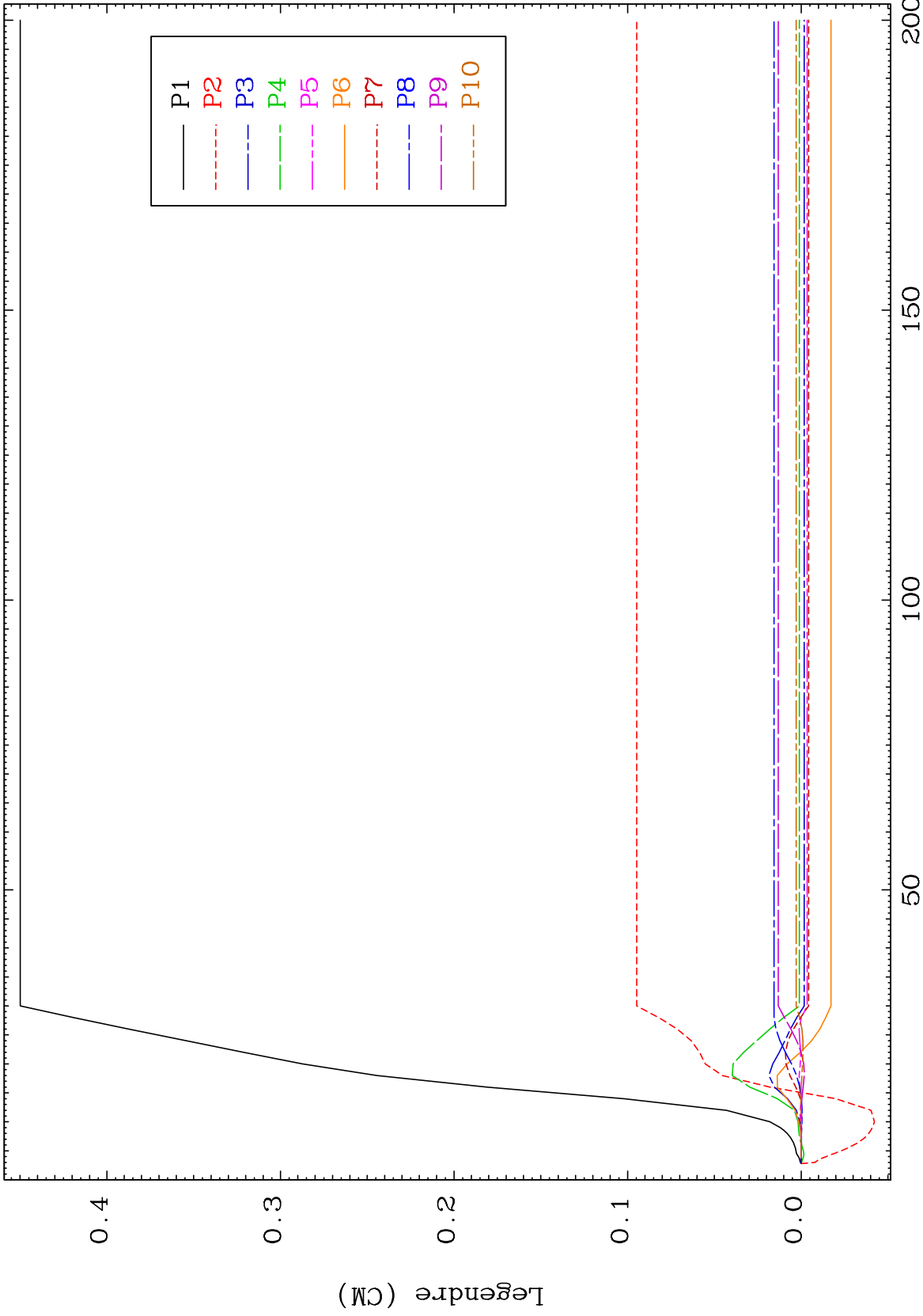
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



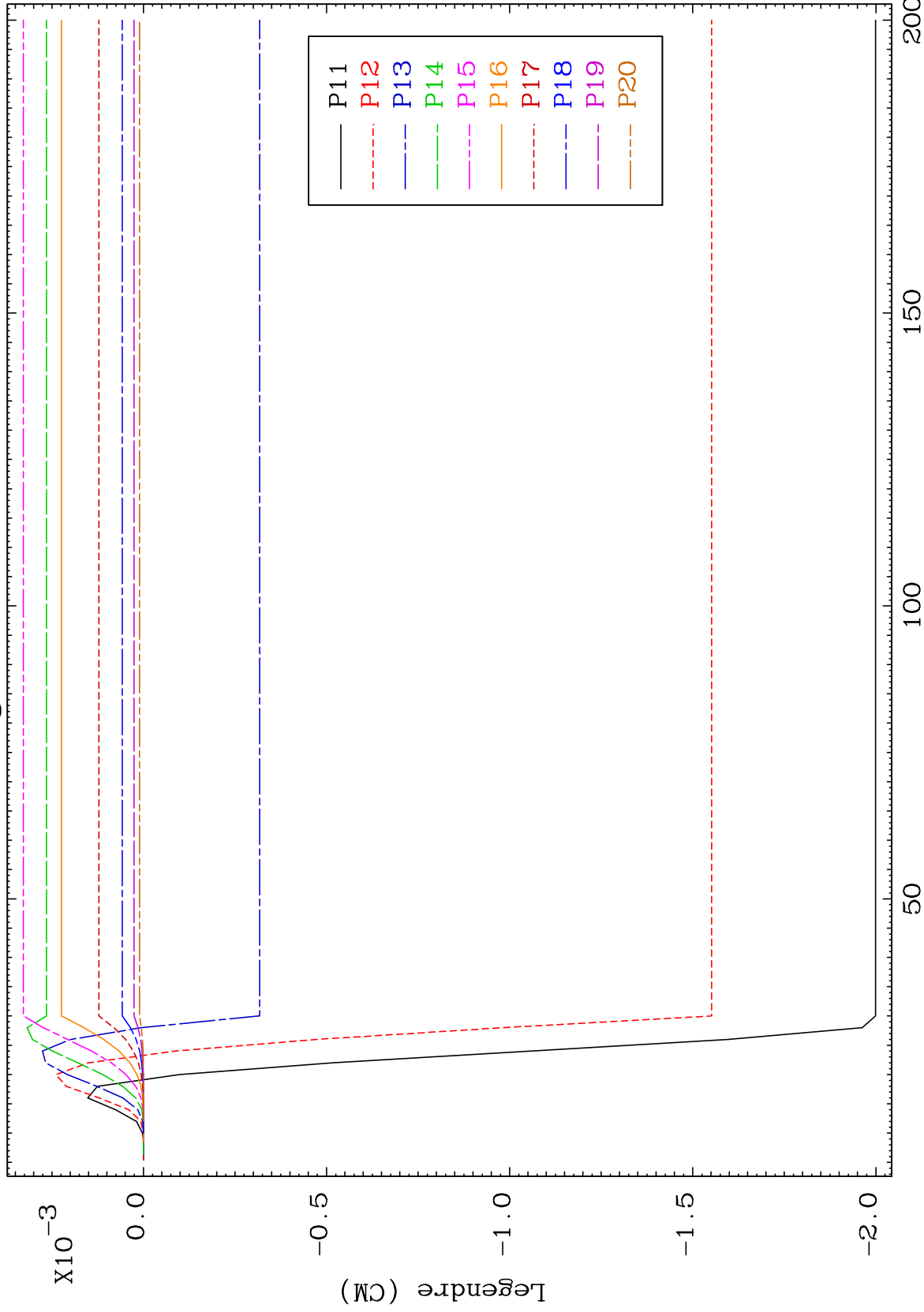
17-Cl-34

Incident Energy (MeV)

MAT 1722

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

17-Cl-34



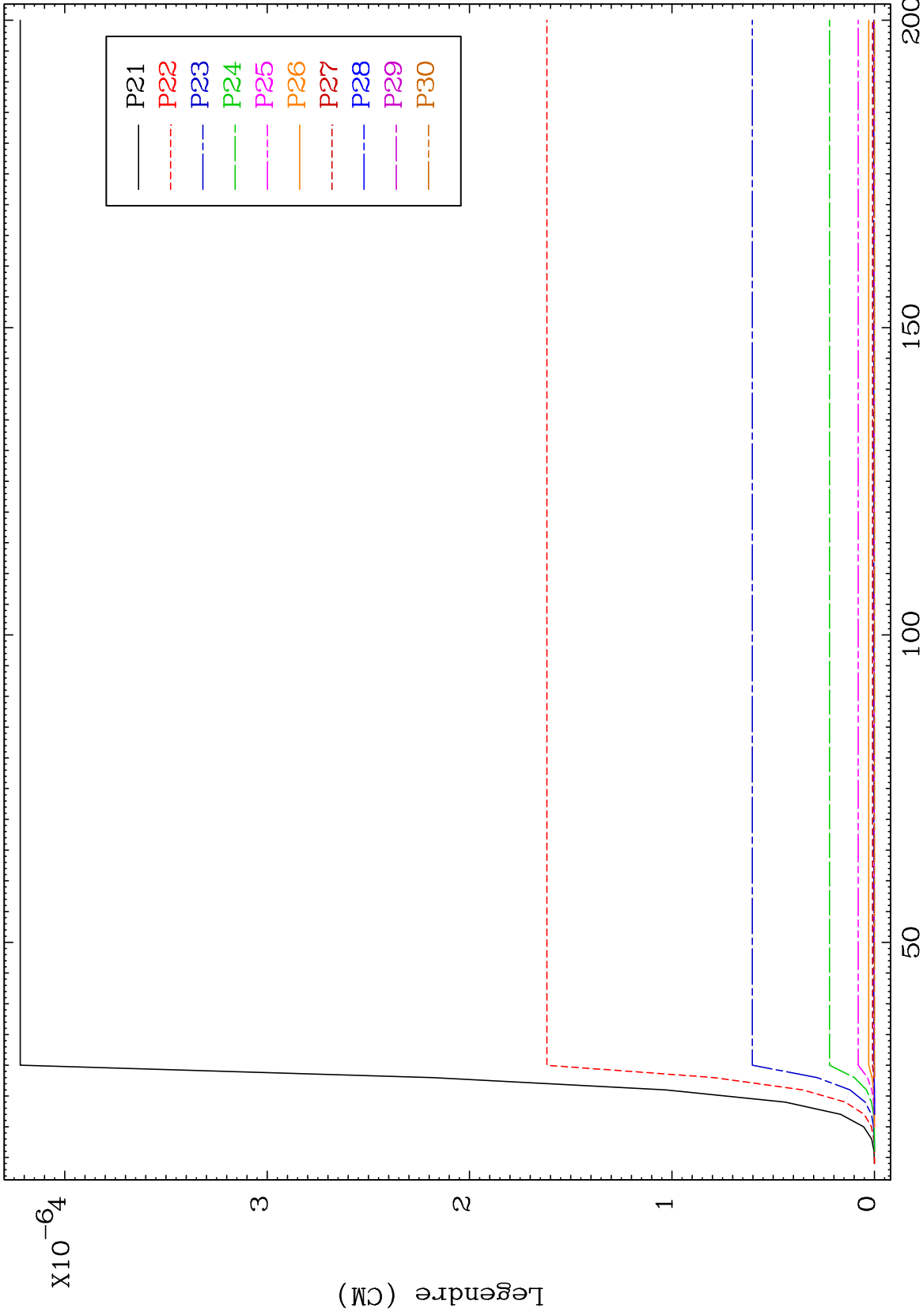
51

17-Cl-34

MAT 1722

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

17-Cl-34

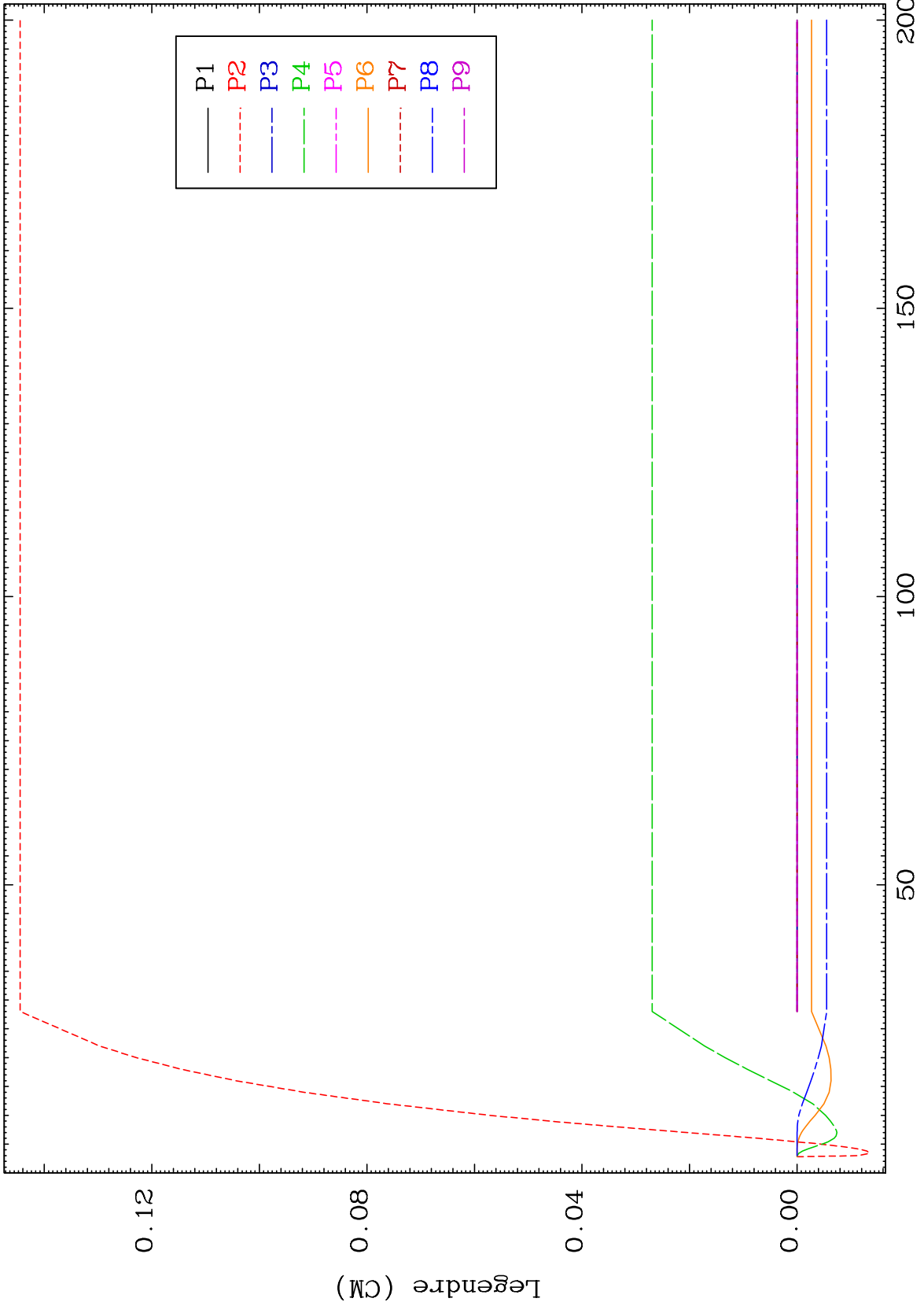


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Incident Energy (MeV)

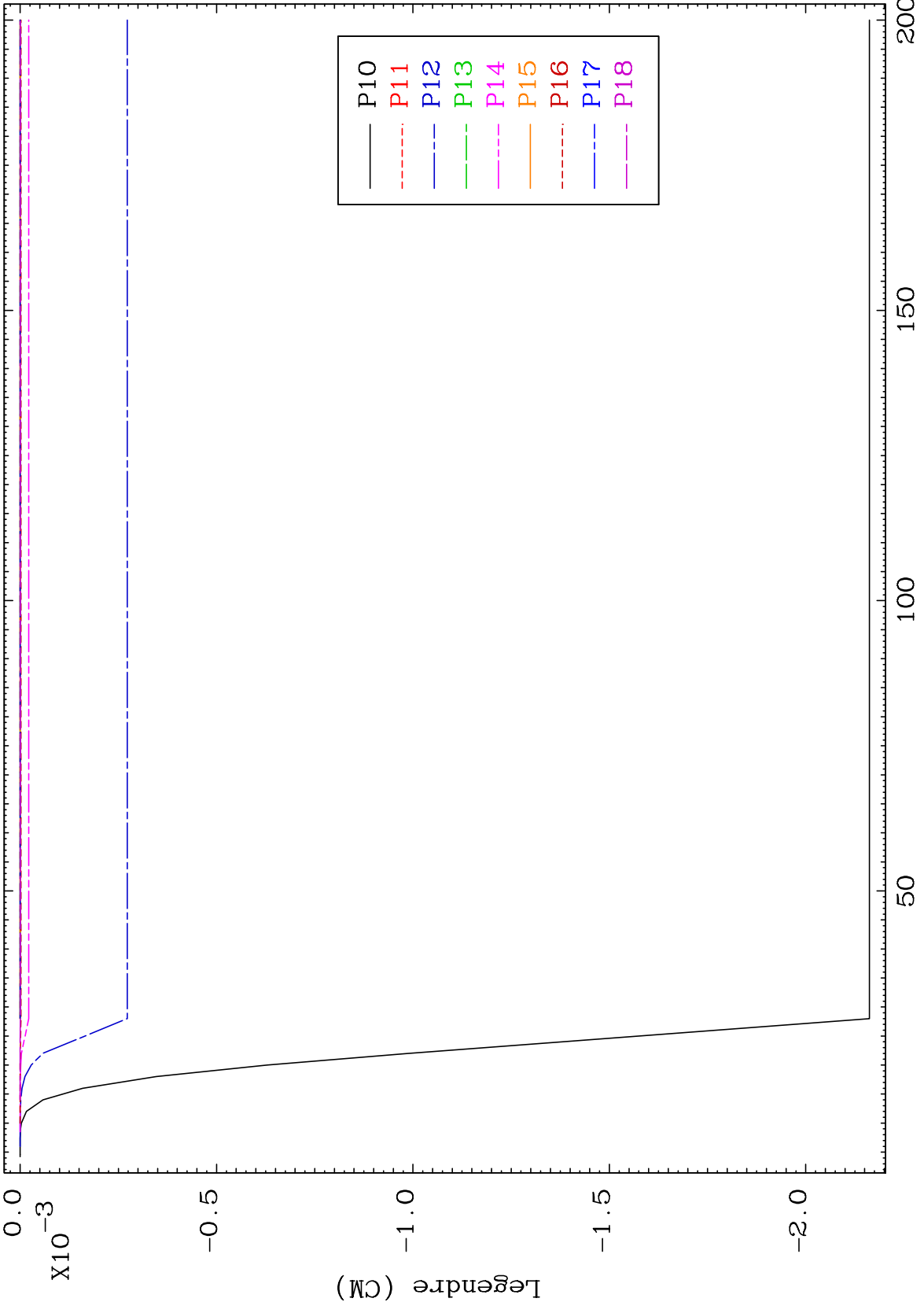
17-Cl-34

MAT 1722 MT= 63 (n,n') Level Legendre Coefficients 17-Cl-34



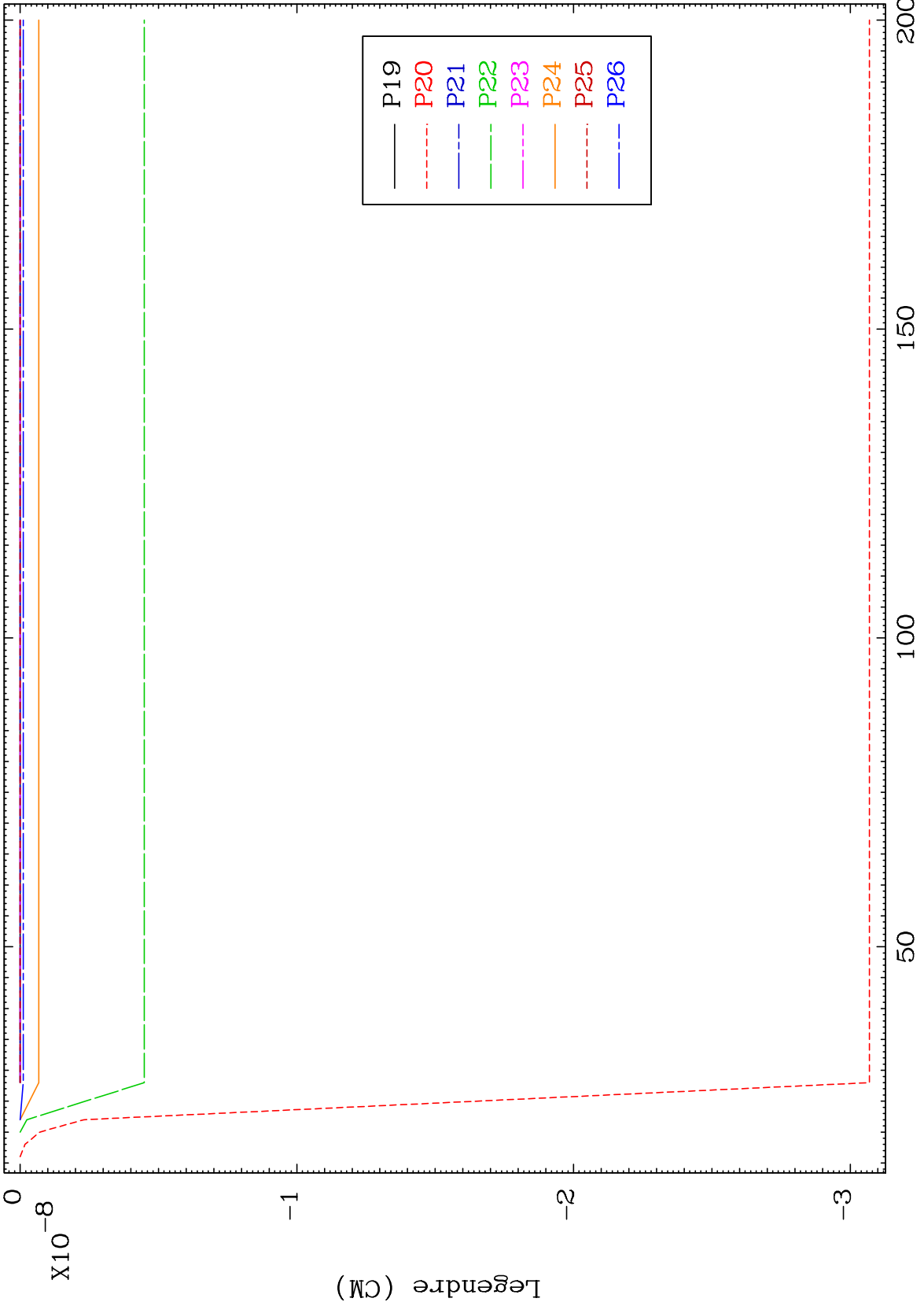
53 Incident Energy (MeV) 17-Cl-34

MAT 1722 MT= 63 (n,n') Level Legendre Coefficients 17-Cl-34



54 17-Cl-34

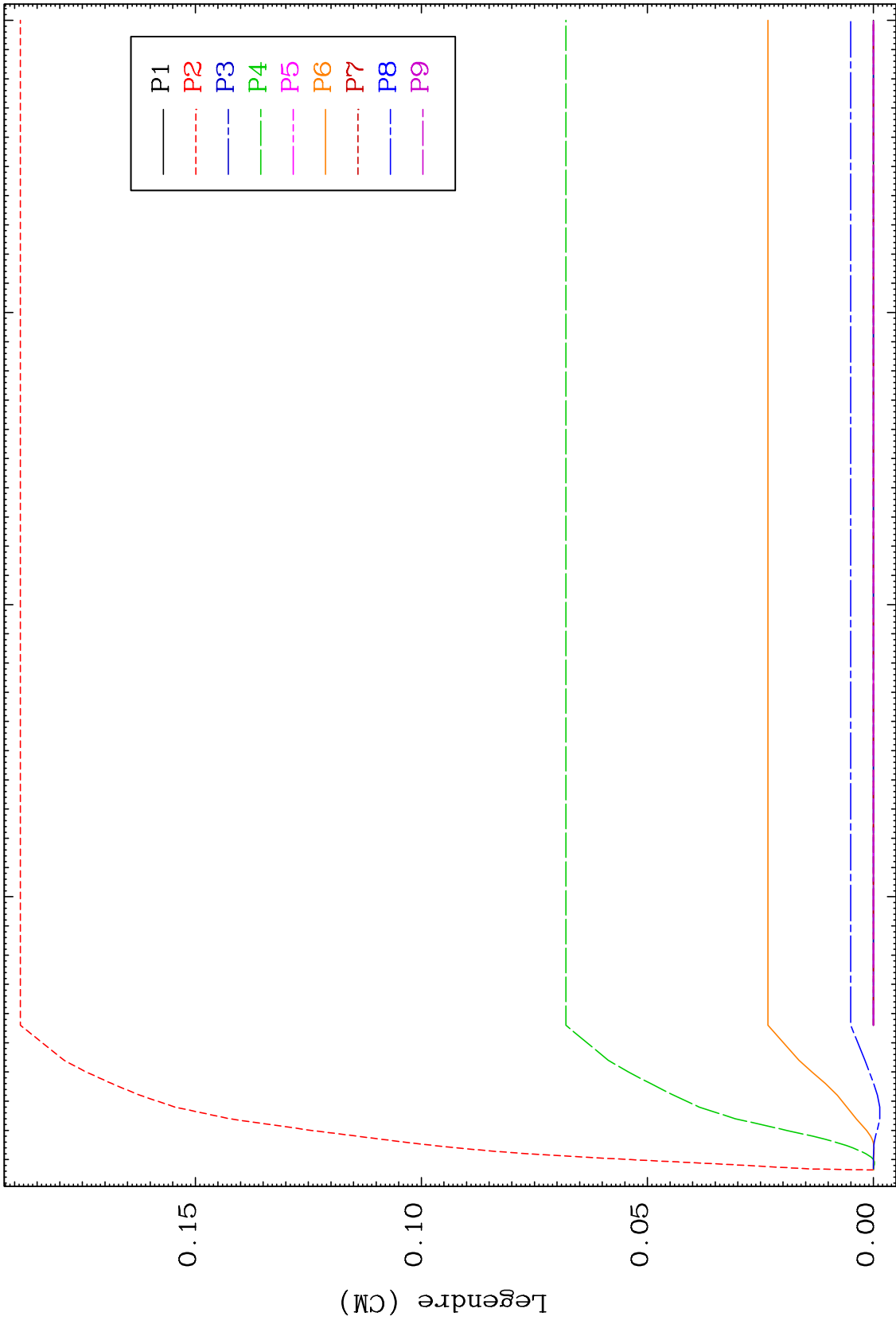
MAT 1722 MT= 63 (n,n') Level Legendre Coefficients 17-C1-34



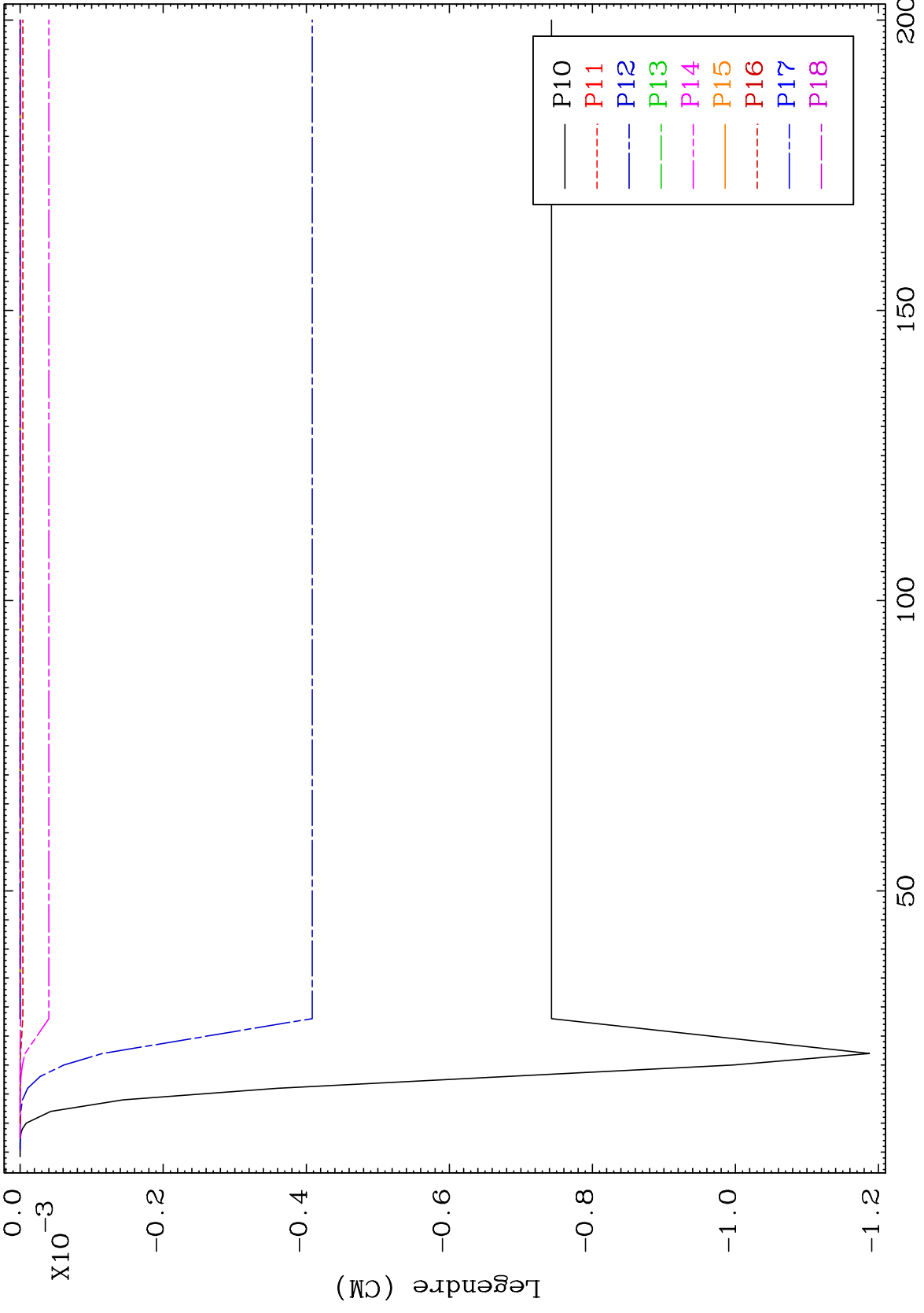
55 Incident Energy (MeV) 17-C1-34



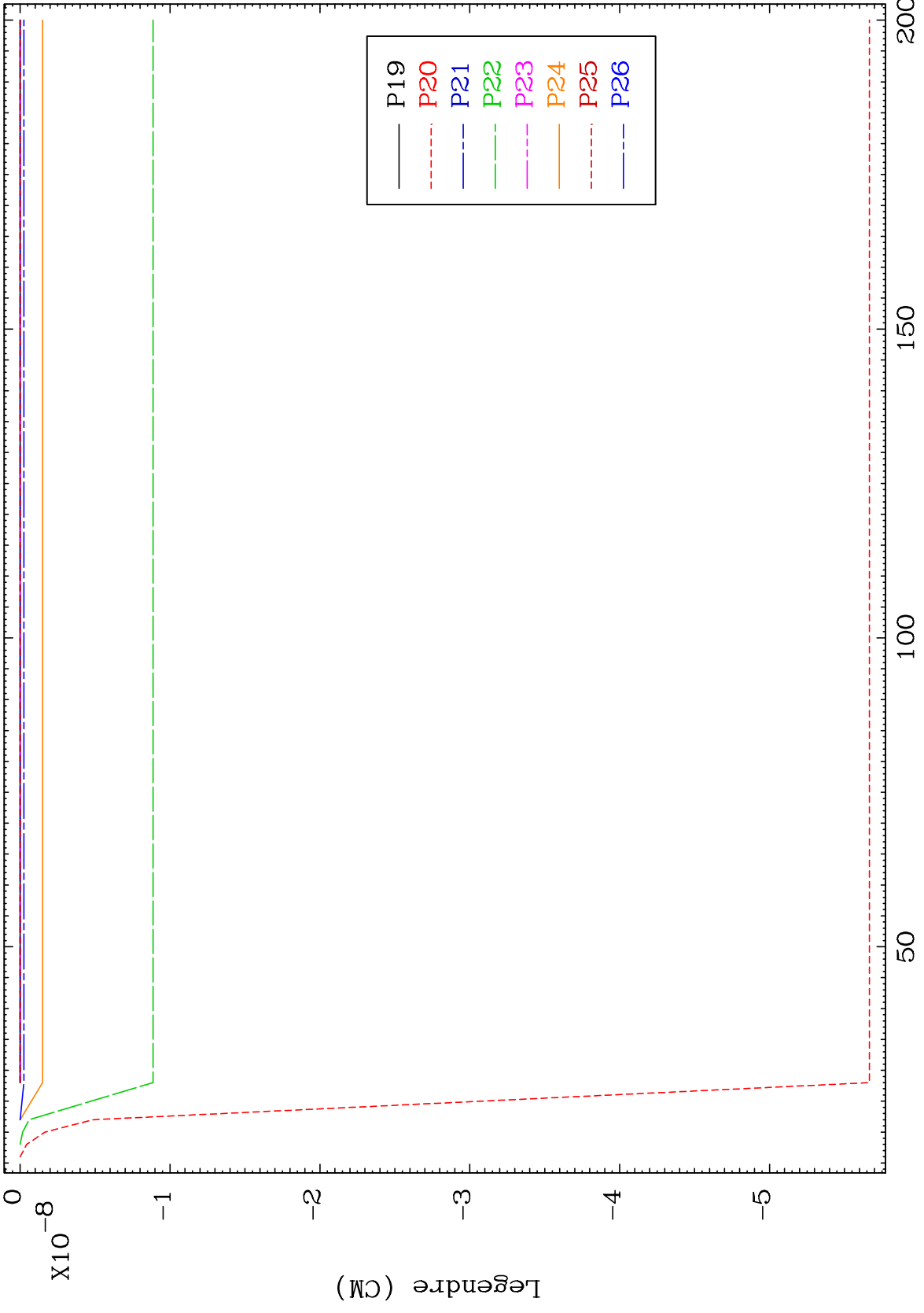
MAT 1722 MT= 64 (n,n') Level Legendre Coefficients 17-Cl-34



56 Incident Energy (MeV) 17-Cl-34



MAT 1722 MT= 64 (n,n') Level Legendre Coefficients 17-Cl-34

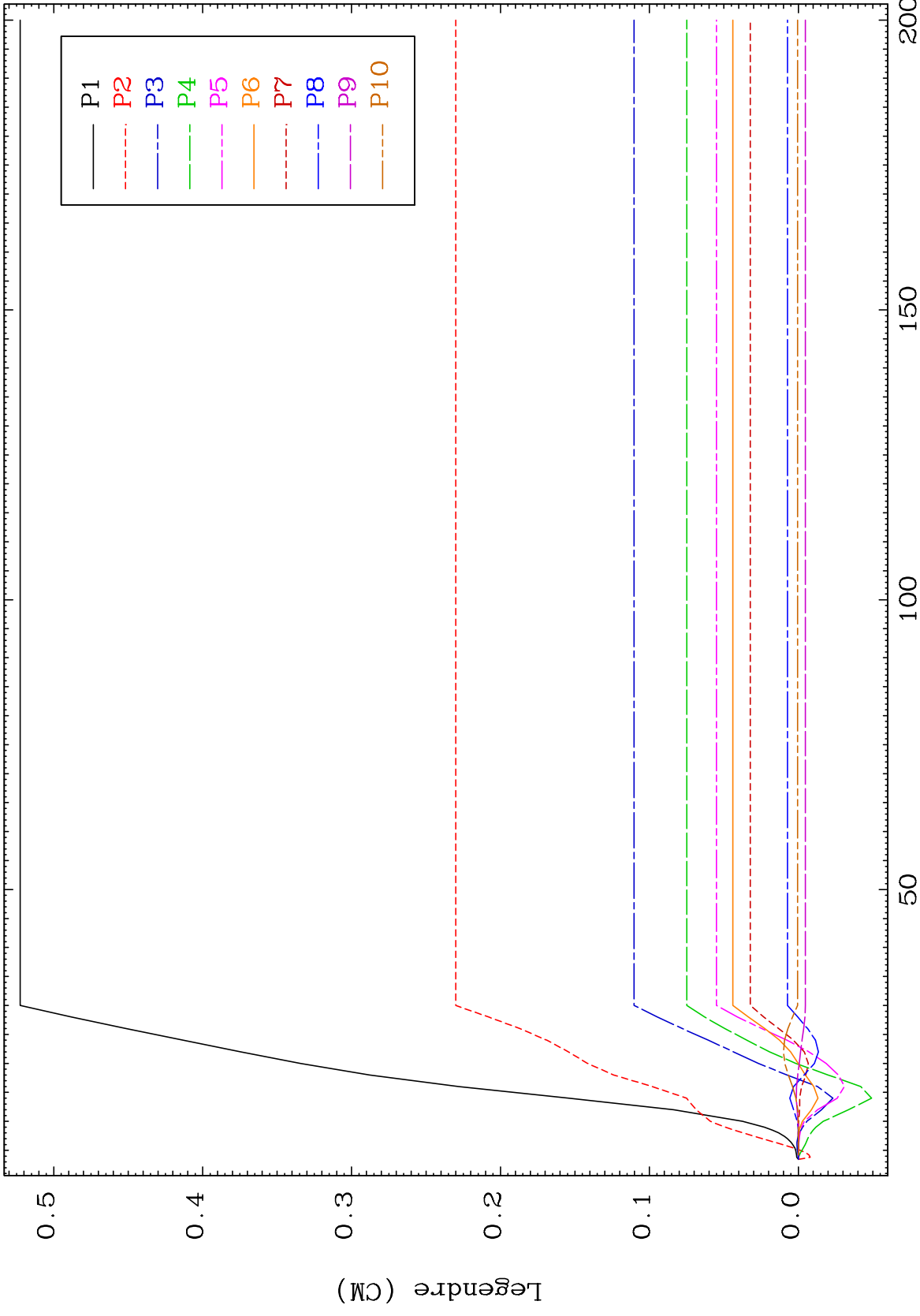


58 Incident Energy (MeV) 17-Cl-34

MAT 1722

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

17-Cl-34



59

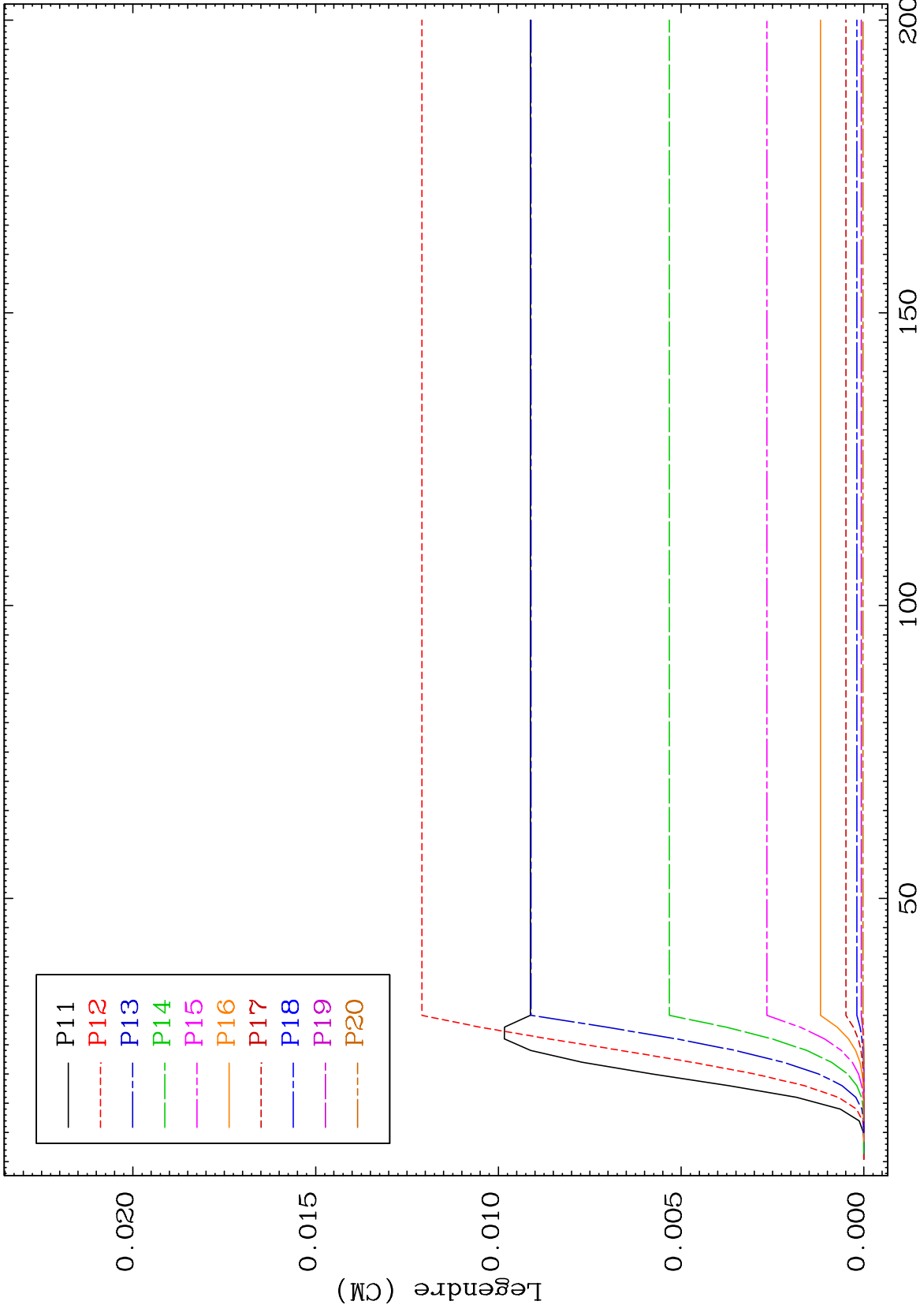
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



60

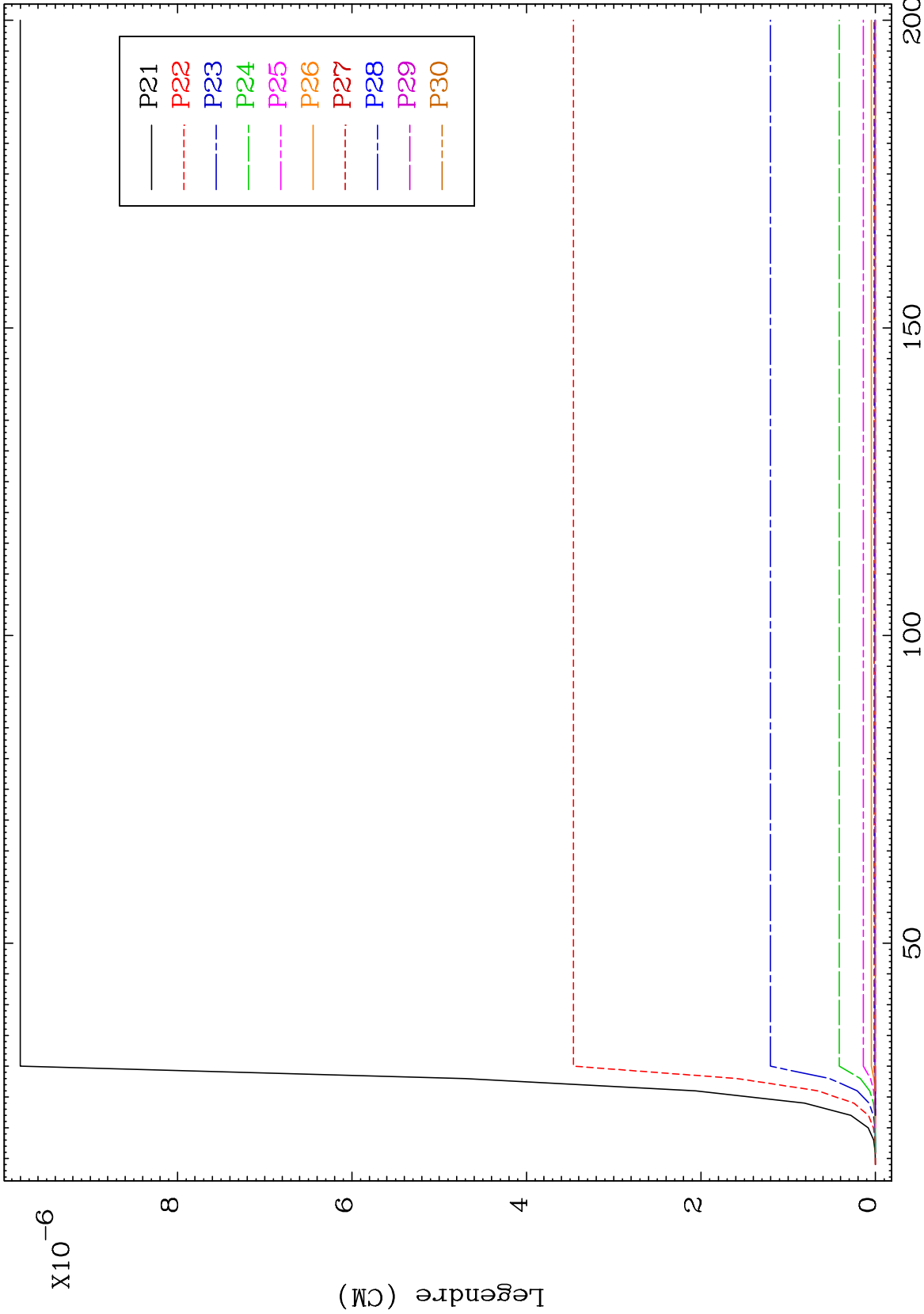
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



61

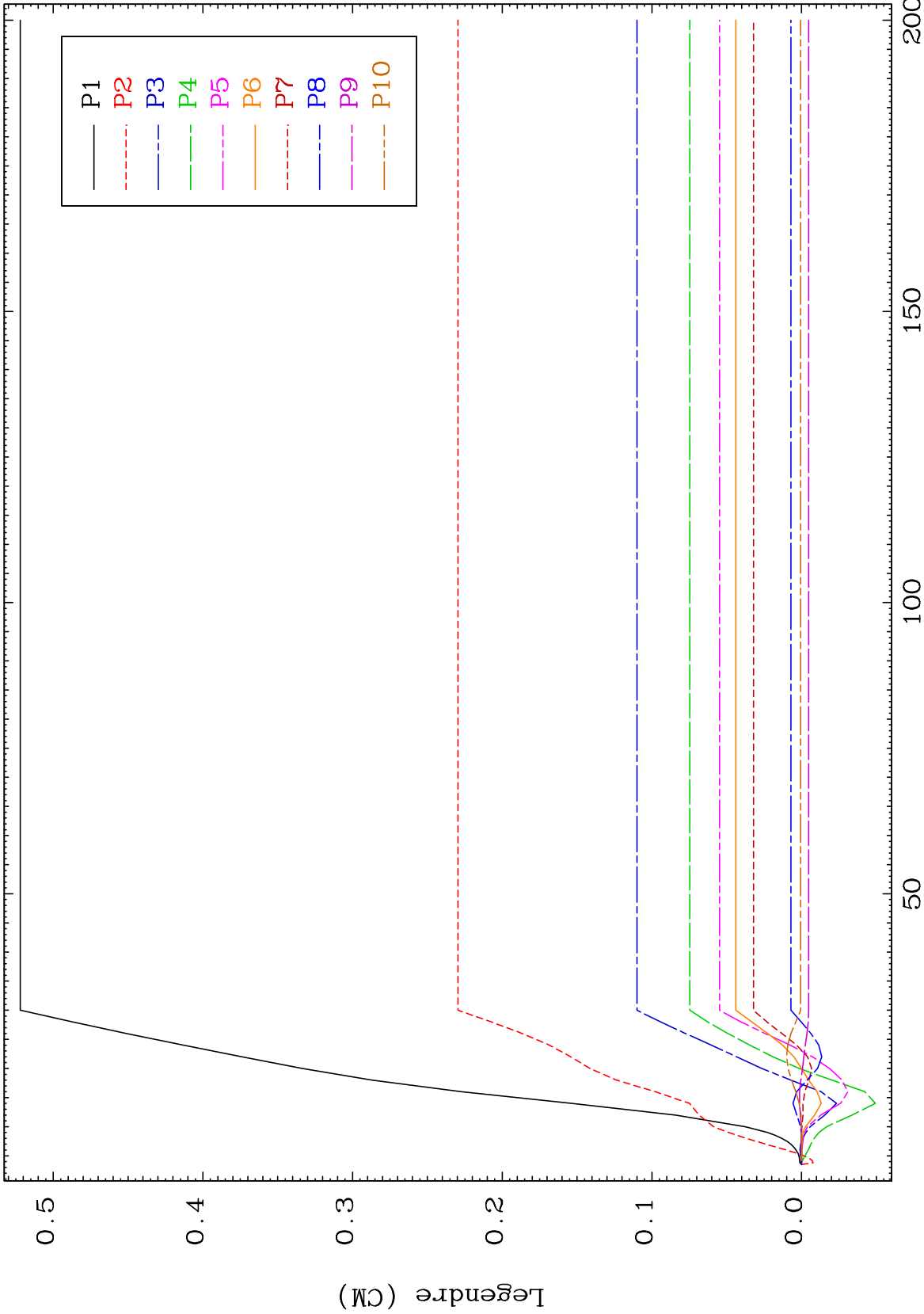
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



62

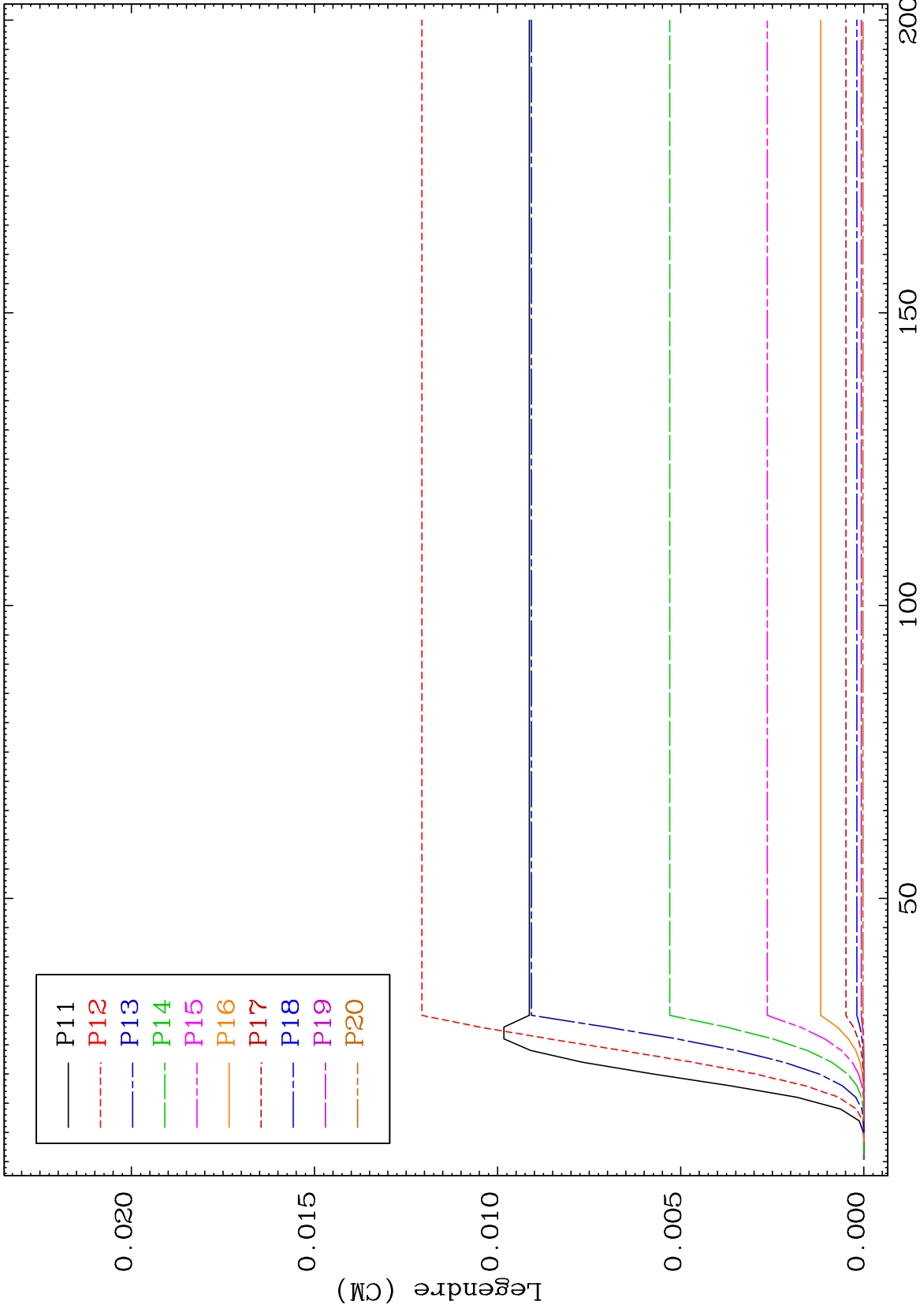
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

17-Cl-34



63

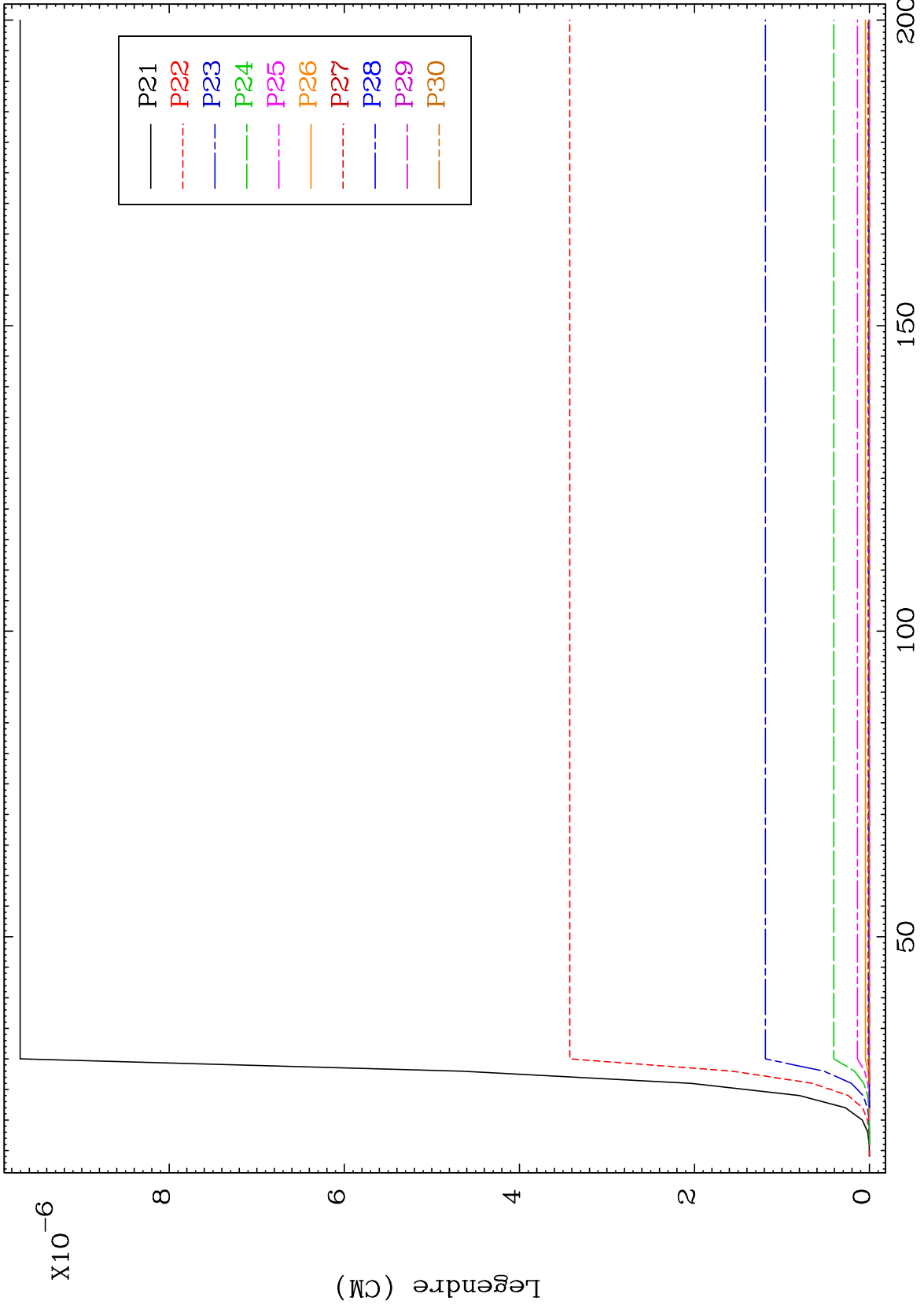
17-Cl-34



MAT 1722

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

17-Cl-34



64

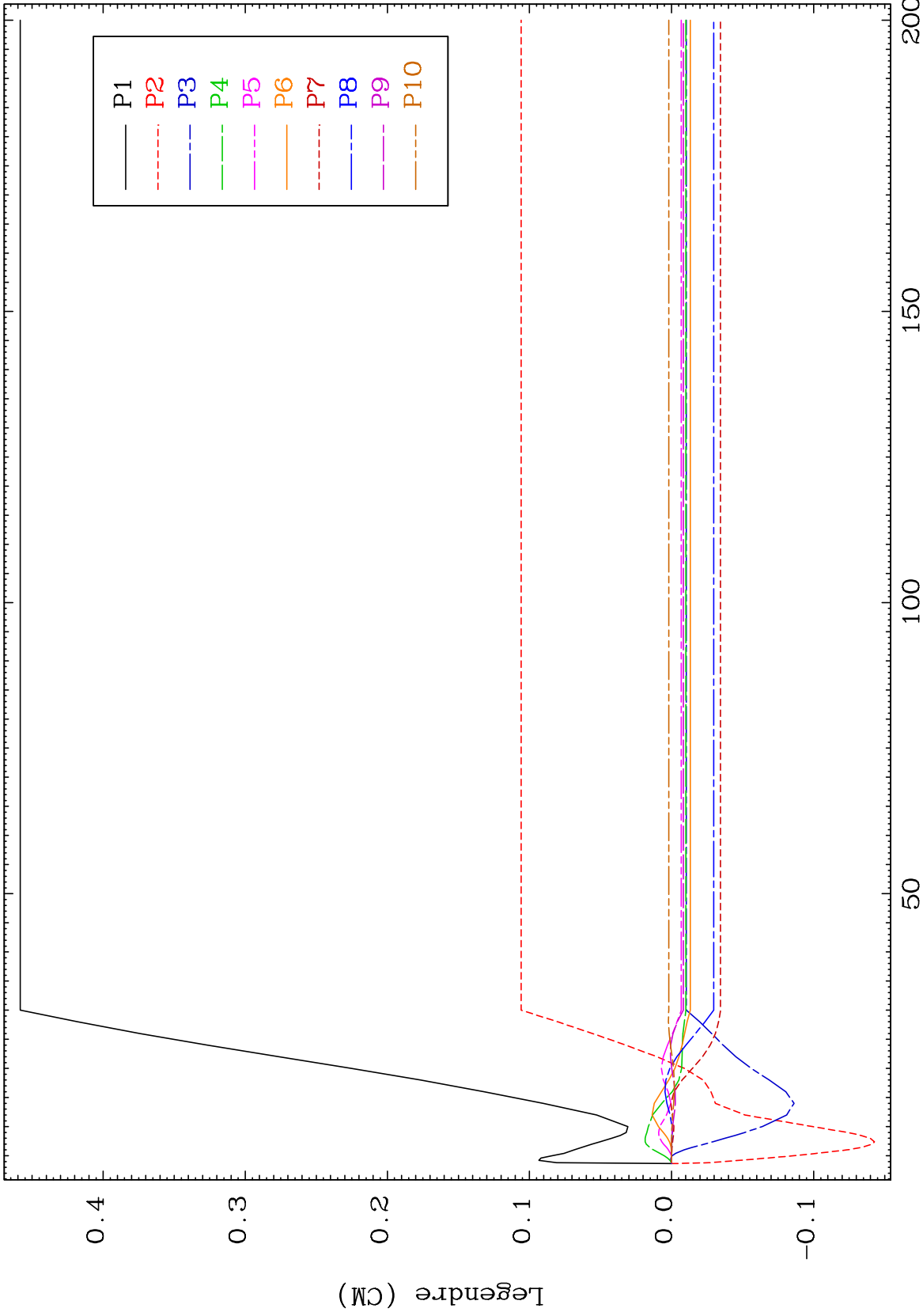
Incident Energy (MeV)

17-Cl-34

MAT 1722

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

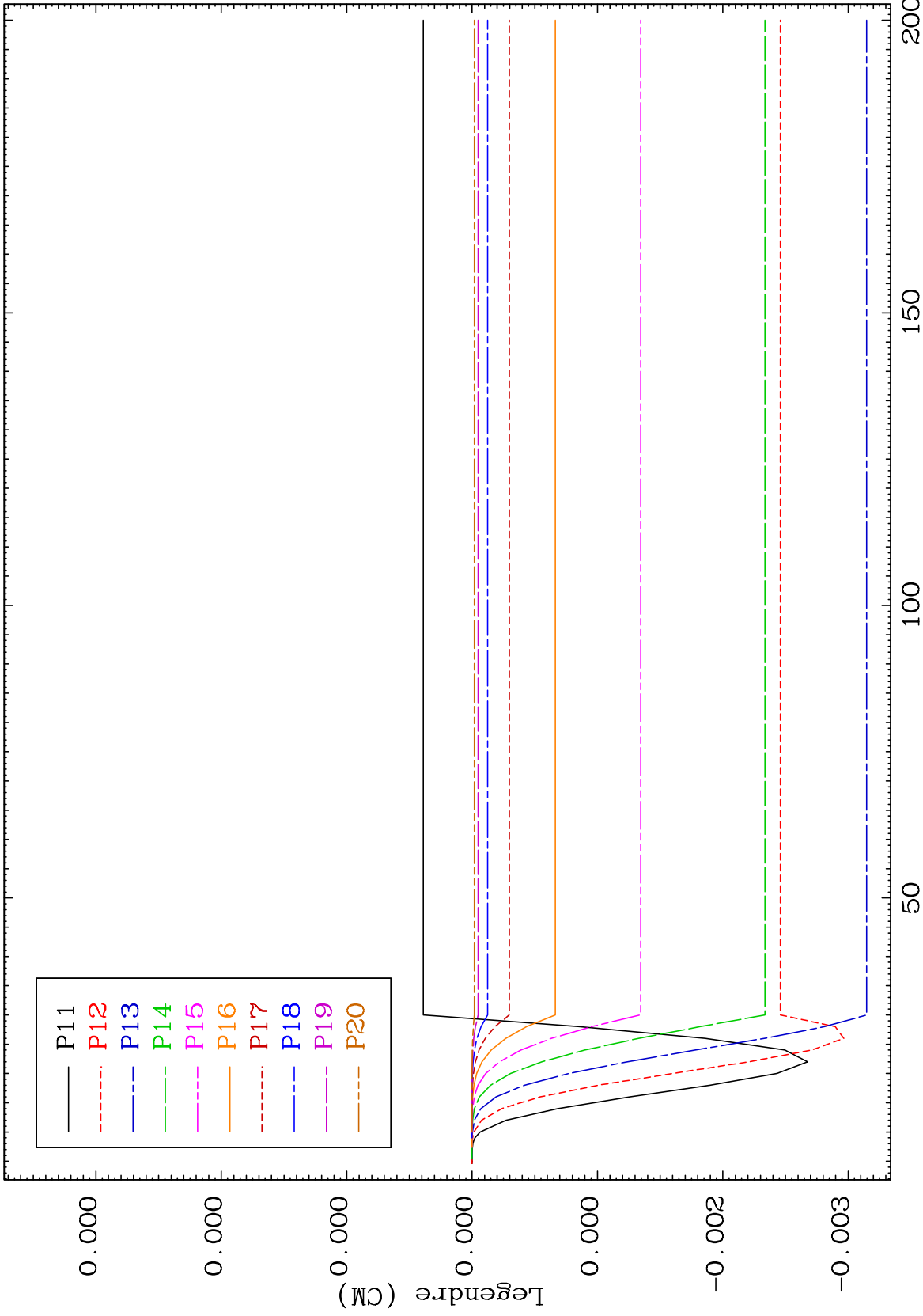
17-Cl-34



65

Incident Energy (MeV)

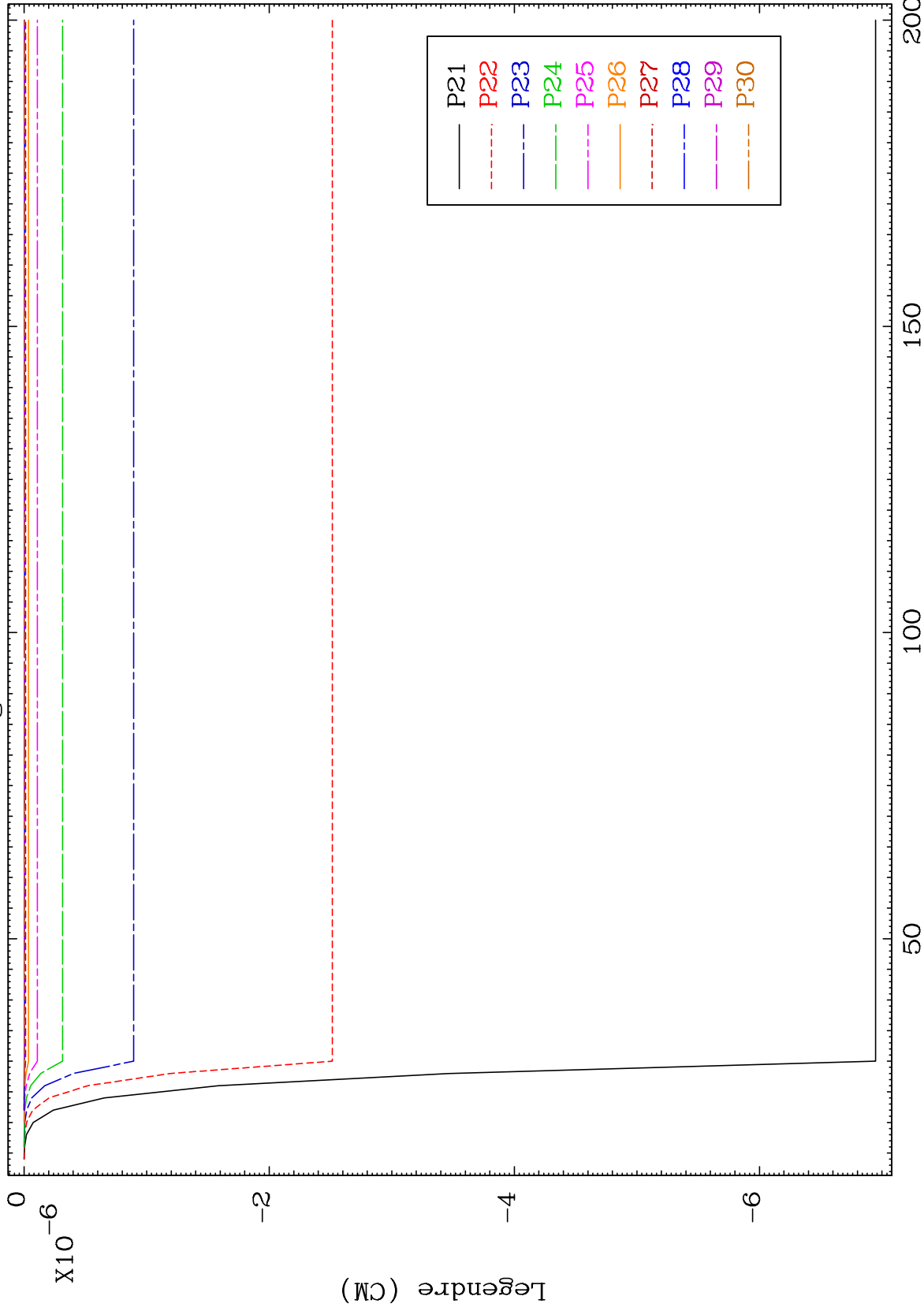
17-Cl-34



MAT 1722

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

17-Cl-34



17-Cl-34

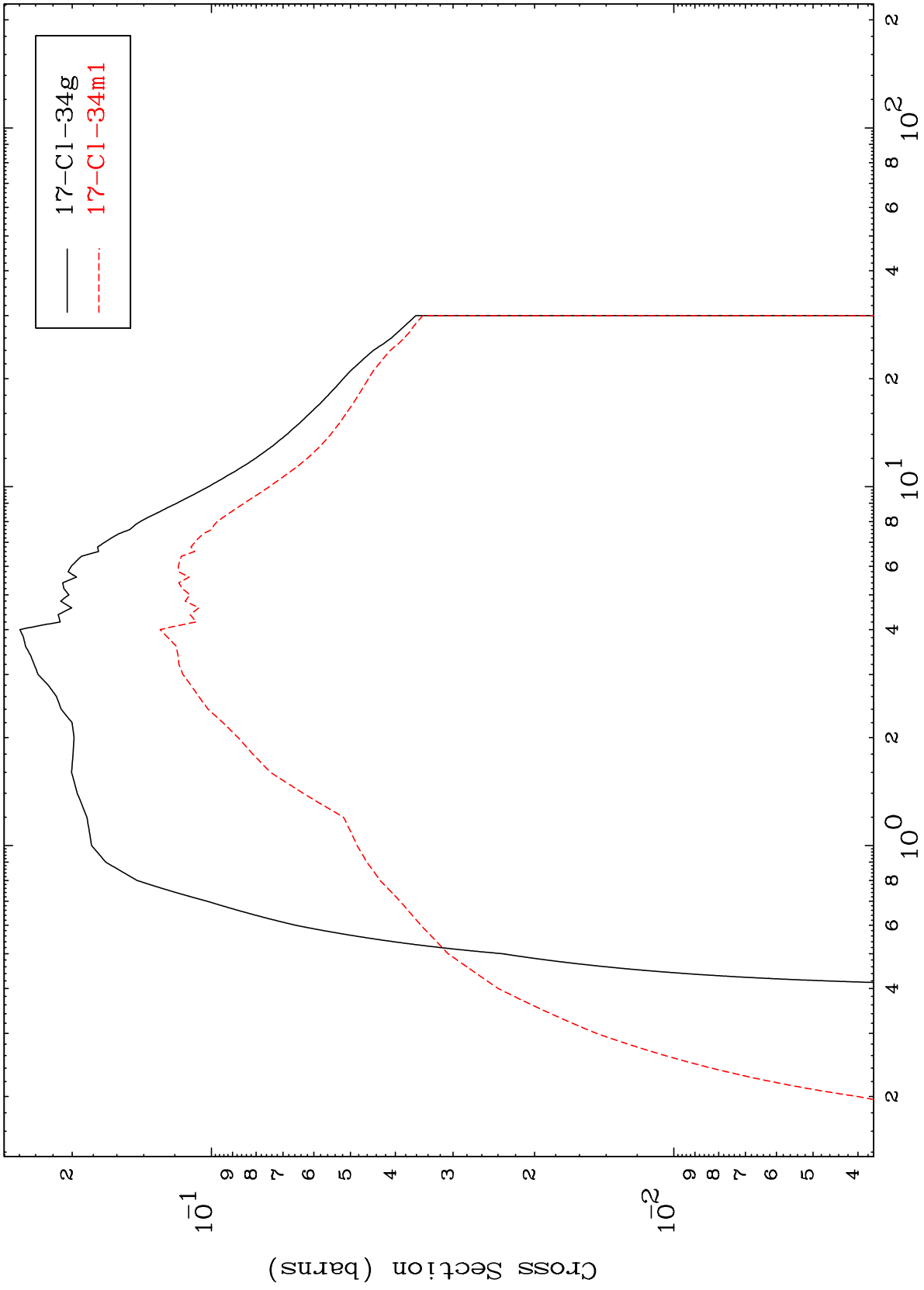
Incident Energy (MeV)

67

MAT 1722

17-Cl-34

Inelastic  
Radionuclide Production Cross Section



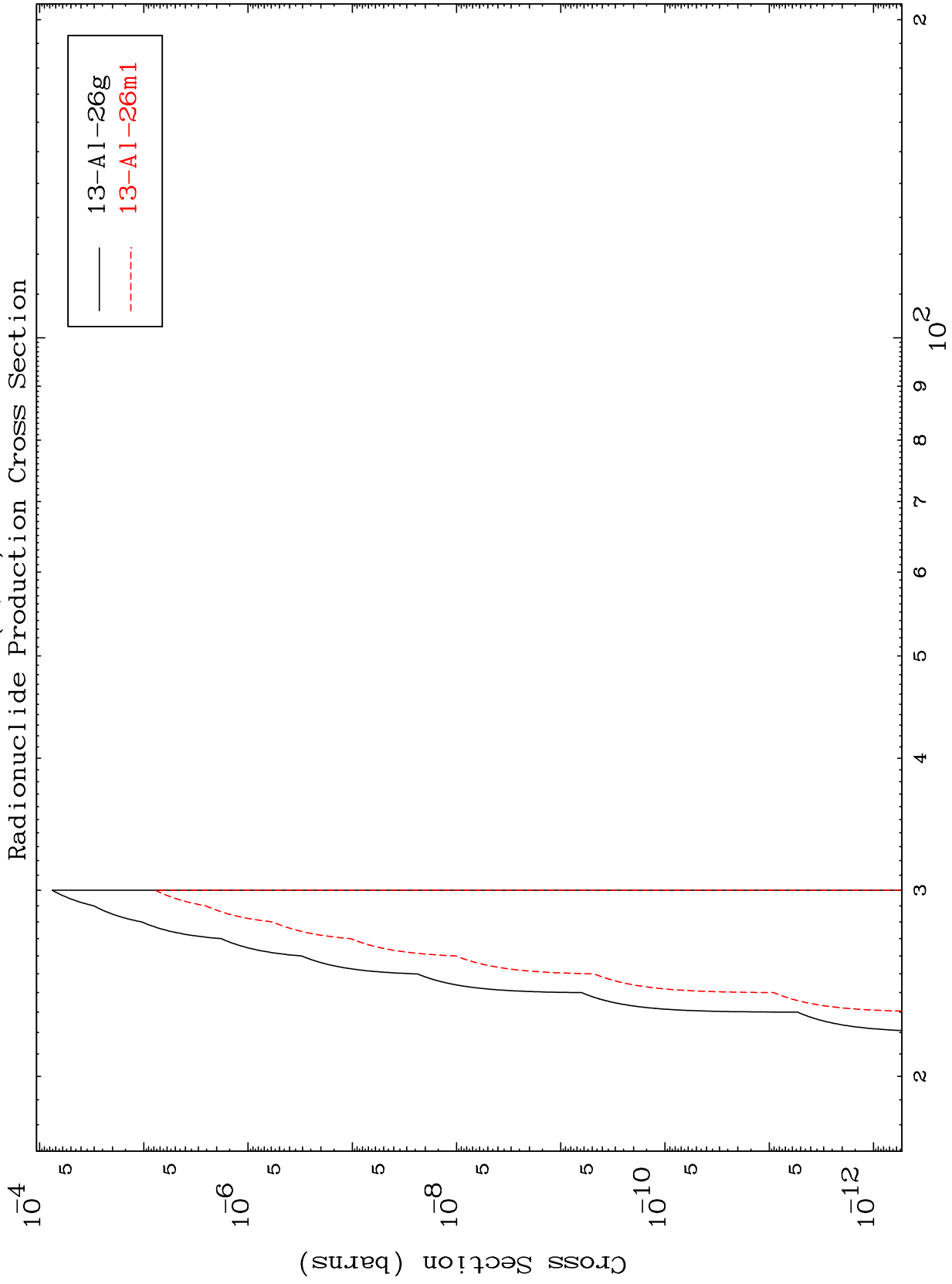
68

17-Cl-34

MAT 1722

(n,n') 2α

17-Cl-34



69

17-Cl-34