

Program EVALPLOT
(Version 2018-1)

by

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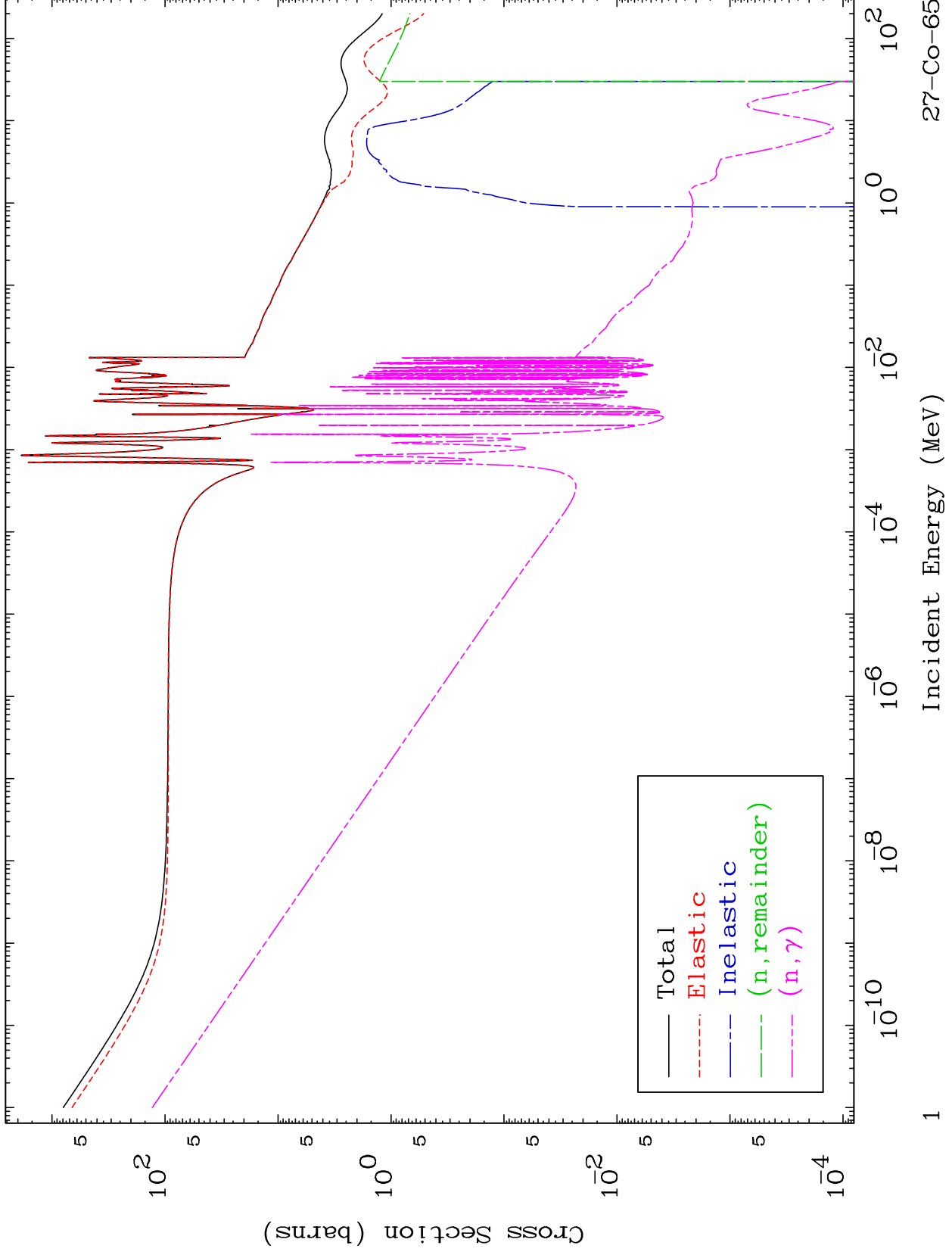
Press Mouse Button to Start

MAT 2743

Major

293 Kelvin Cross Sections

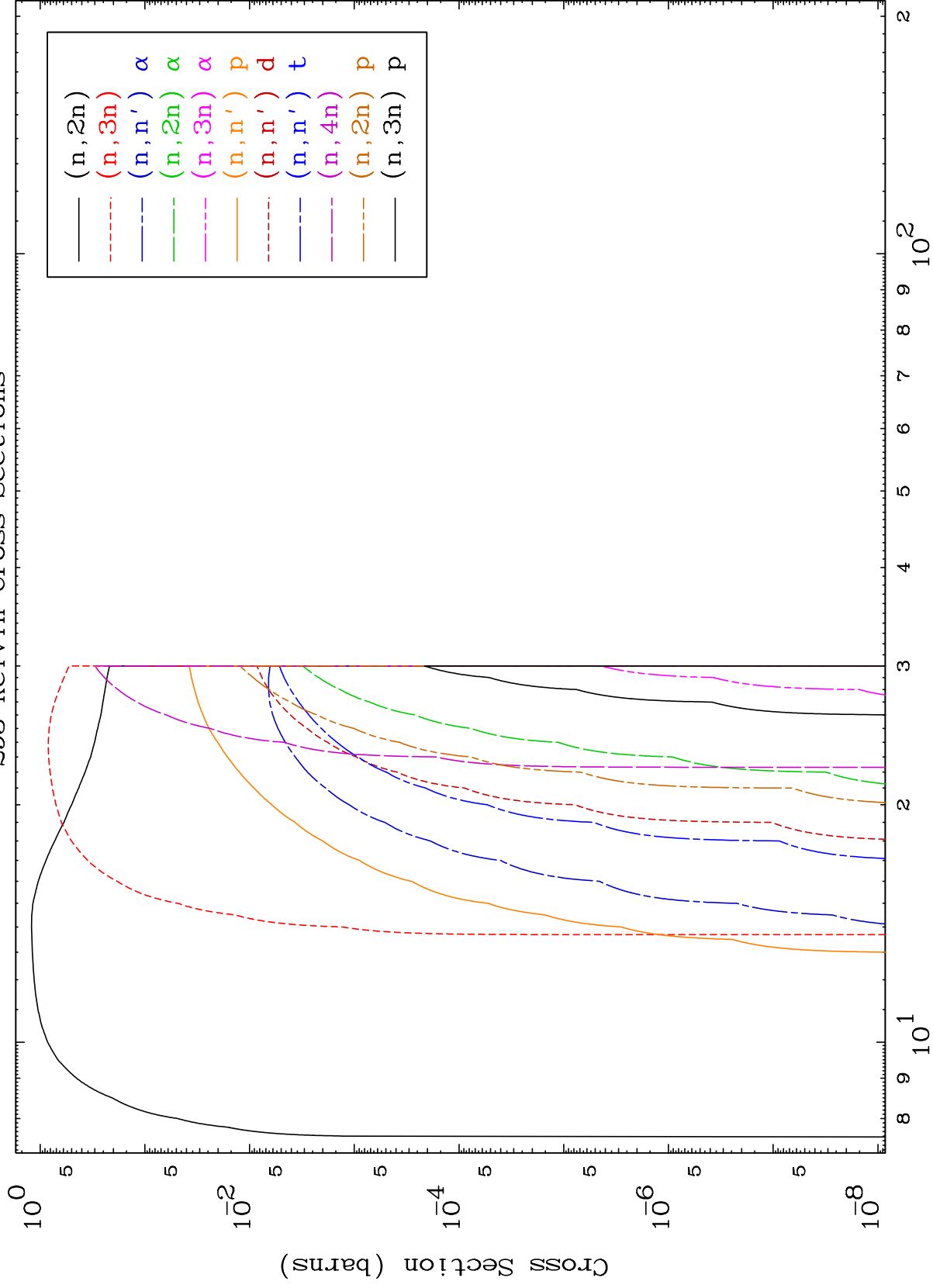
27-Co-65



MAT 2743

Neutron Production
293 Kelvin Cross Sections

27-Co-65



Incident Energy (MeV)

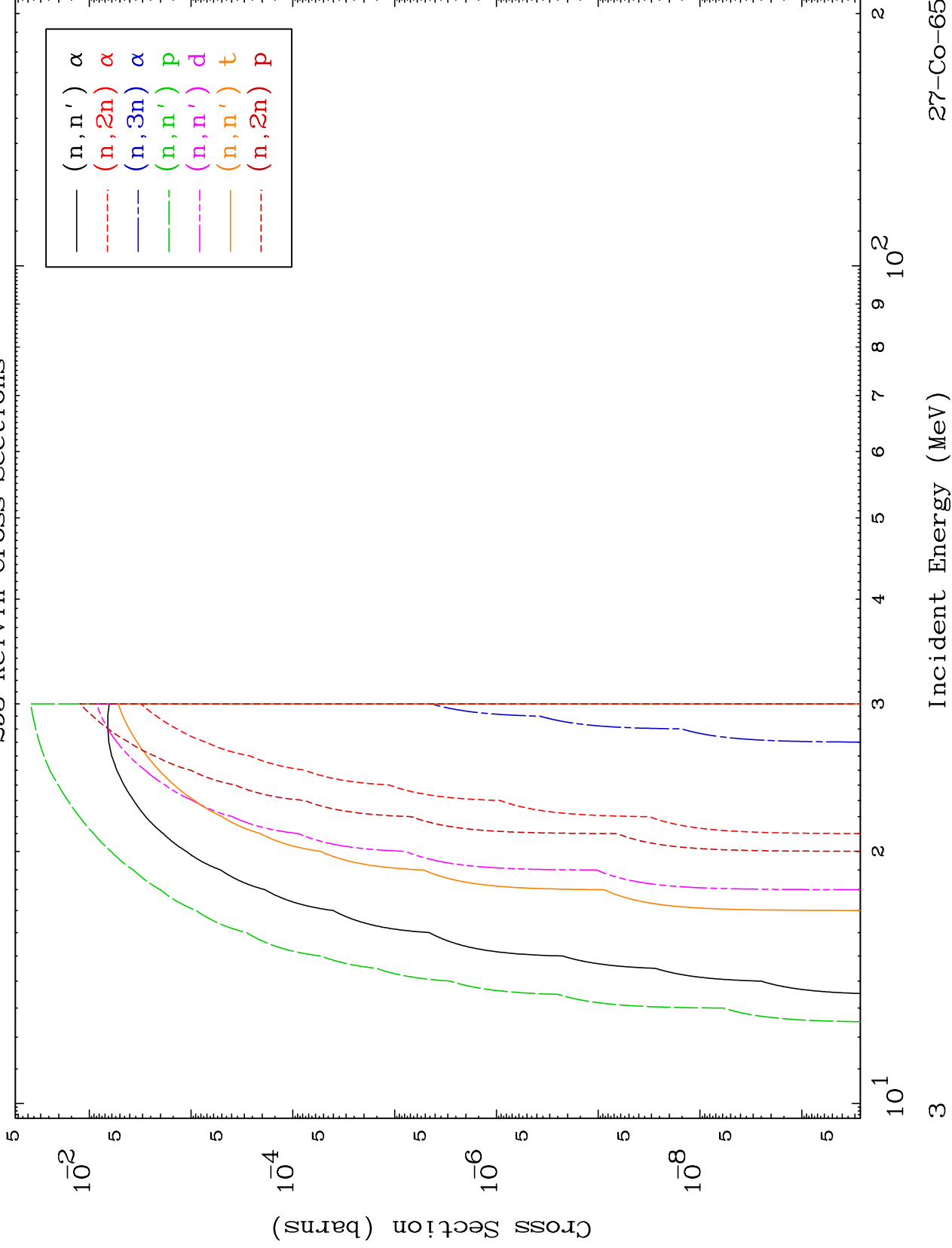
27-Co-65

2

MAT 2743

Charged Particle
293 Kelvin Cross Sections

27-Co-65



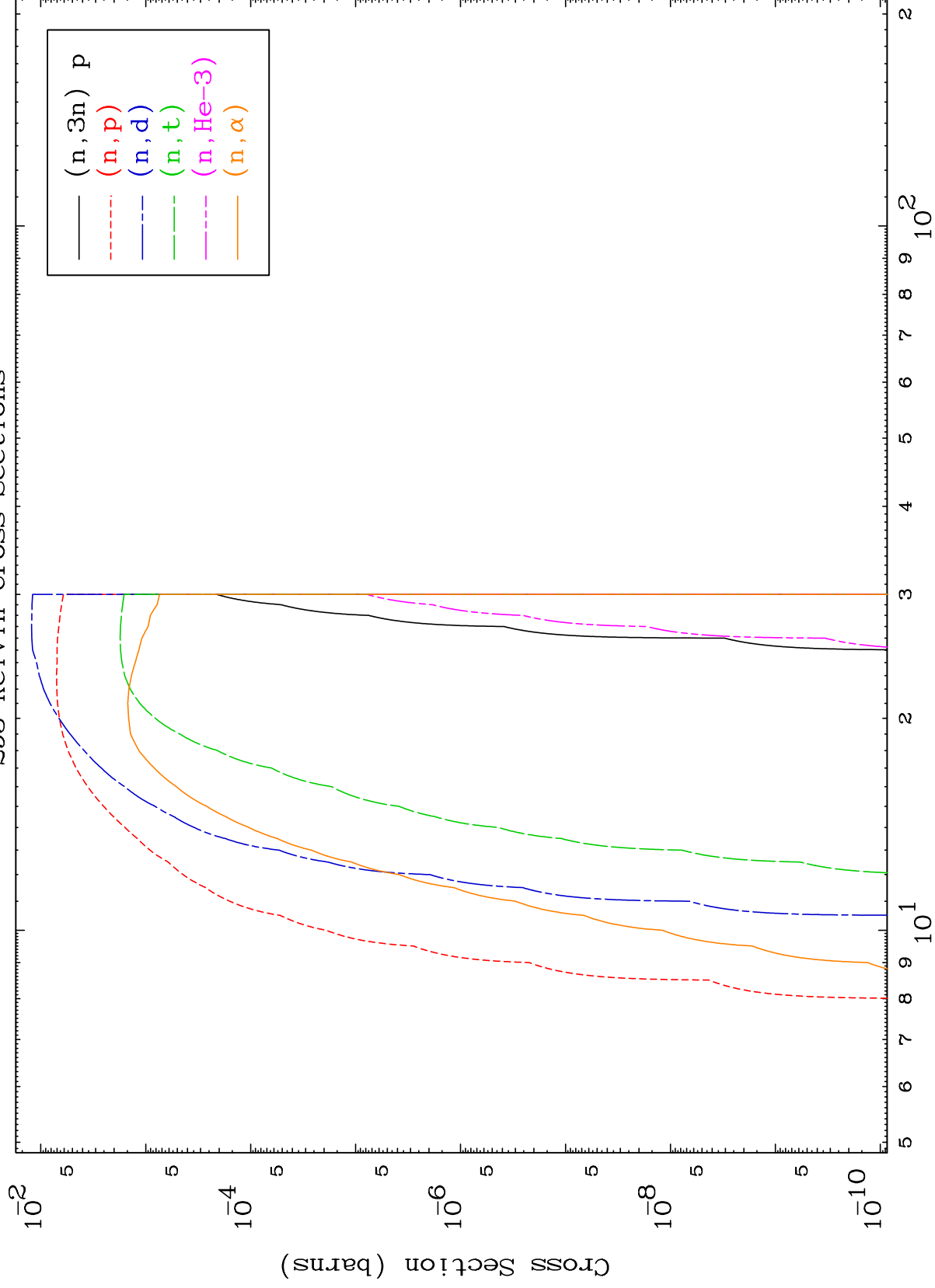
27-Co-65

Incident Energy (MeV)

MAT 2743

Charged Particle
293 Kelvin Cross Sections

27-Co-65



Incident Energy (MeV)

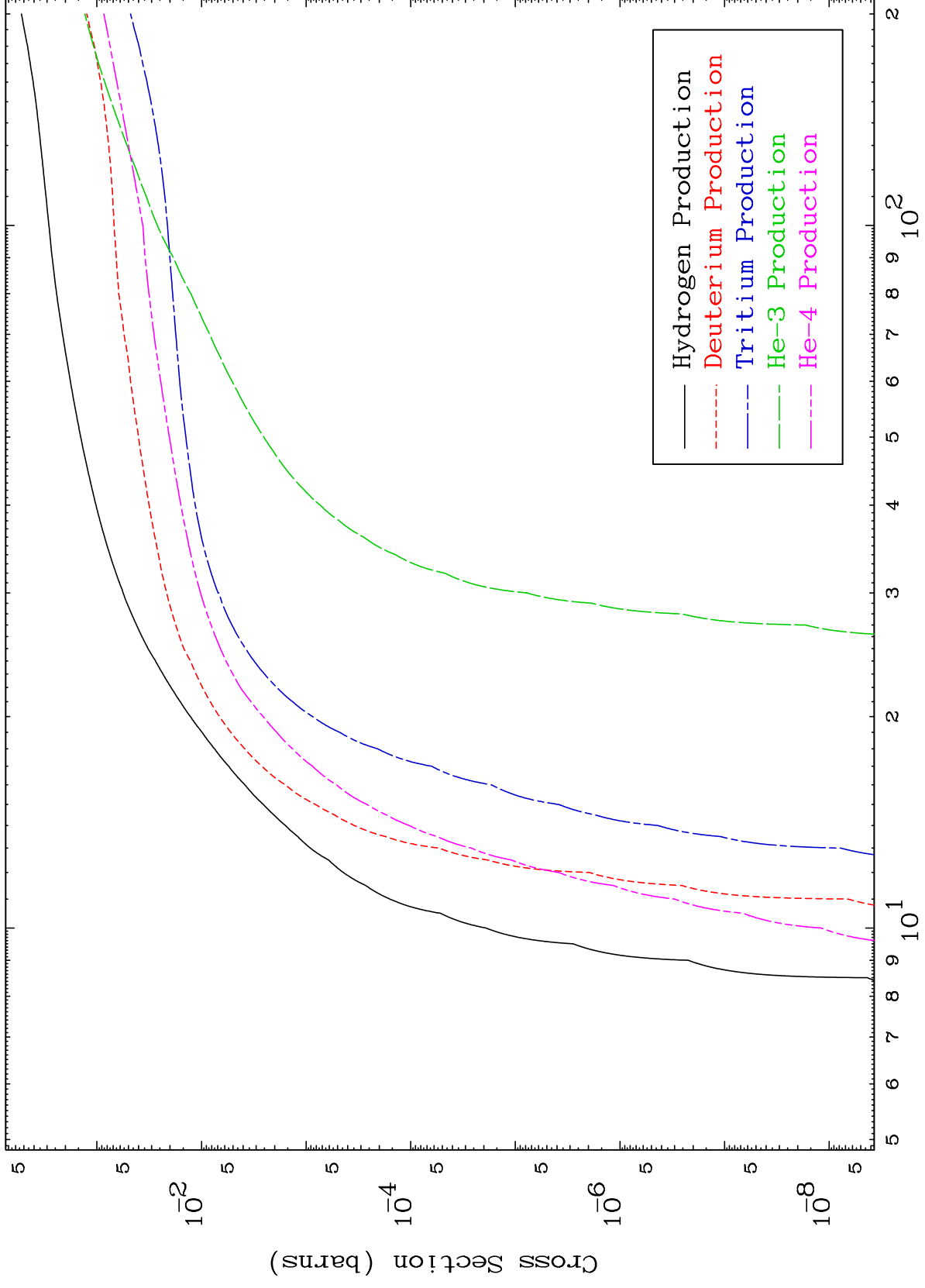
27-Co-65

4

MAT 2743

Particle Production
293 Kelvin Cross Sections

27-Co-65



27-Co-65

Incident Energy (MeV)

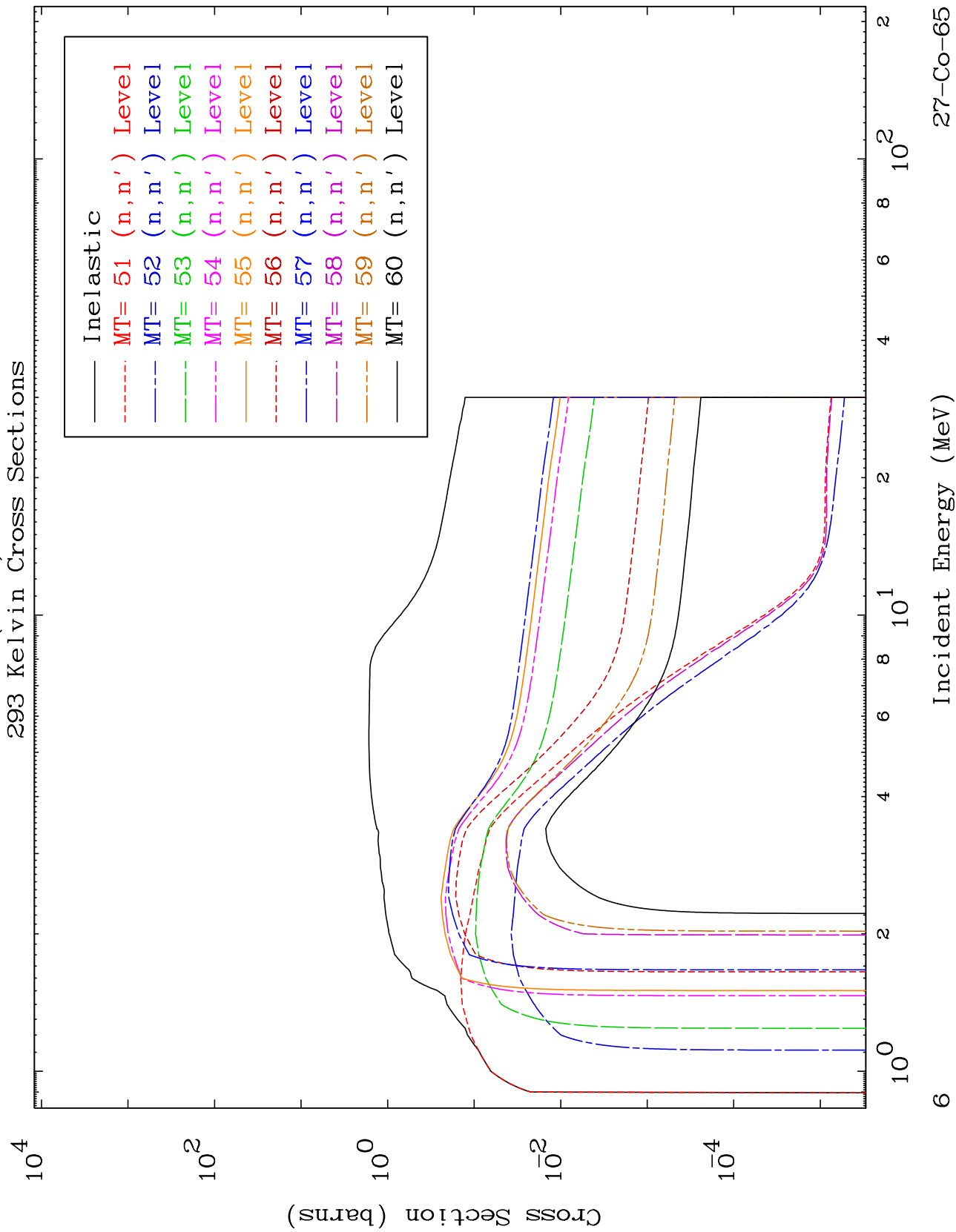
5

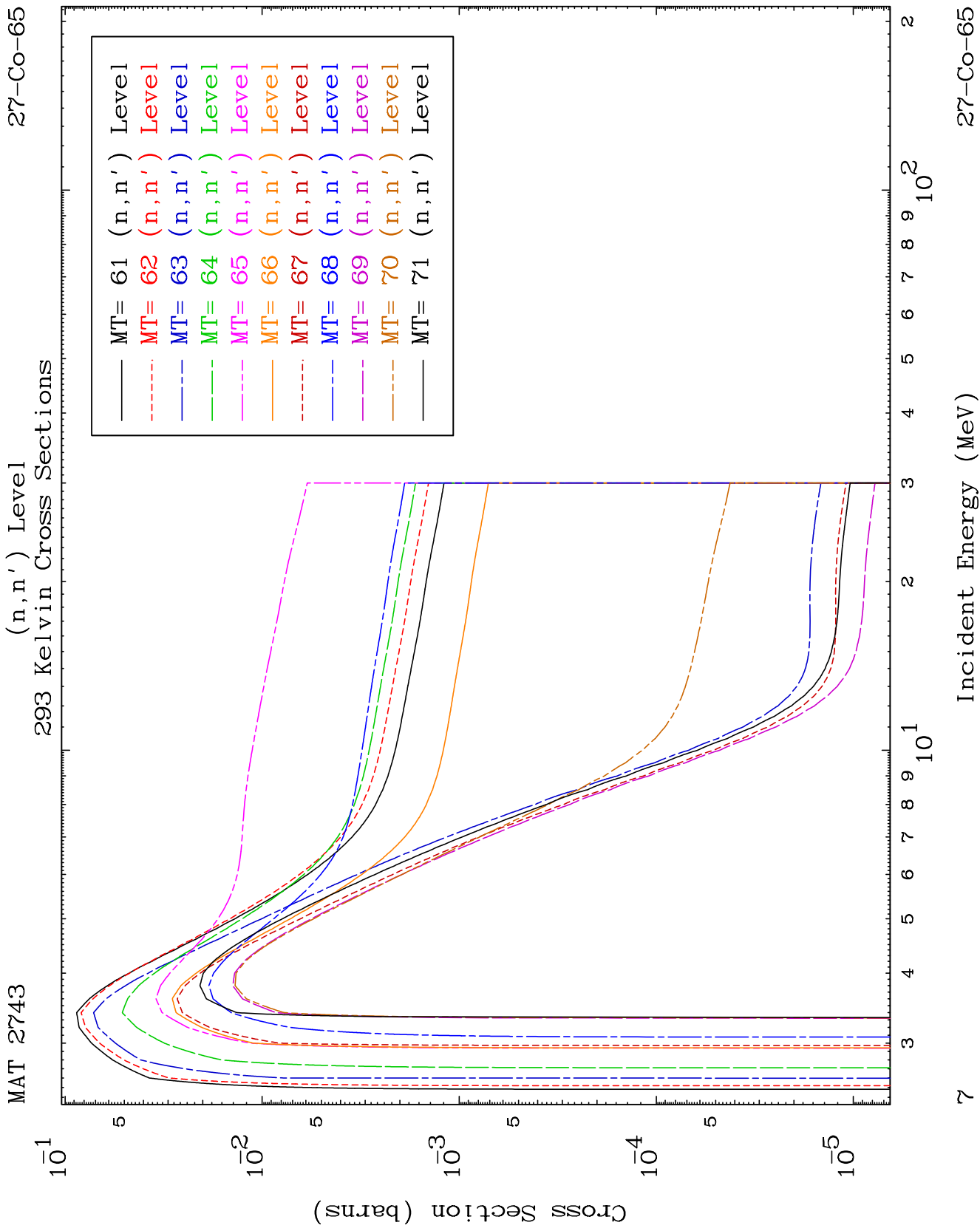
MAT 2743

(n,n') Level

27-Co-65

293 Kelvin Cross Sections



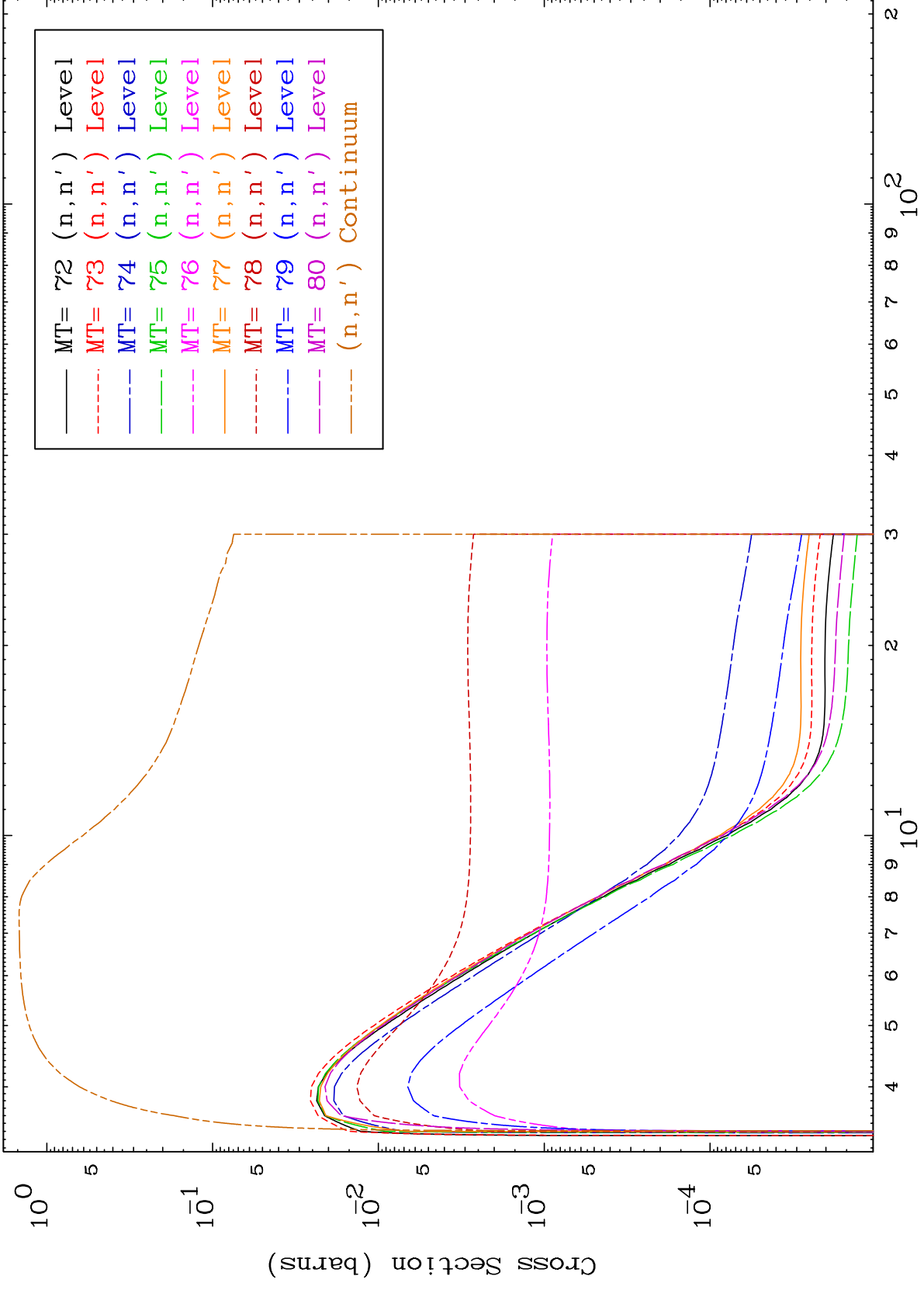


MAT 2743

(n,n') Level

27-Co-65

293 Kelvin Cross Sections



8

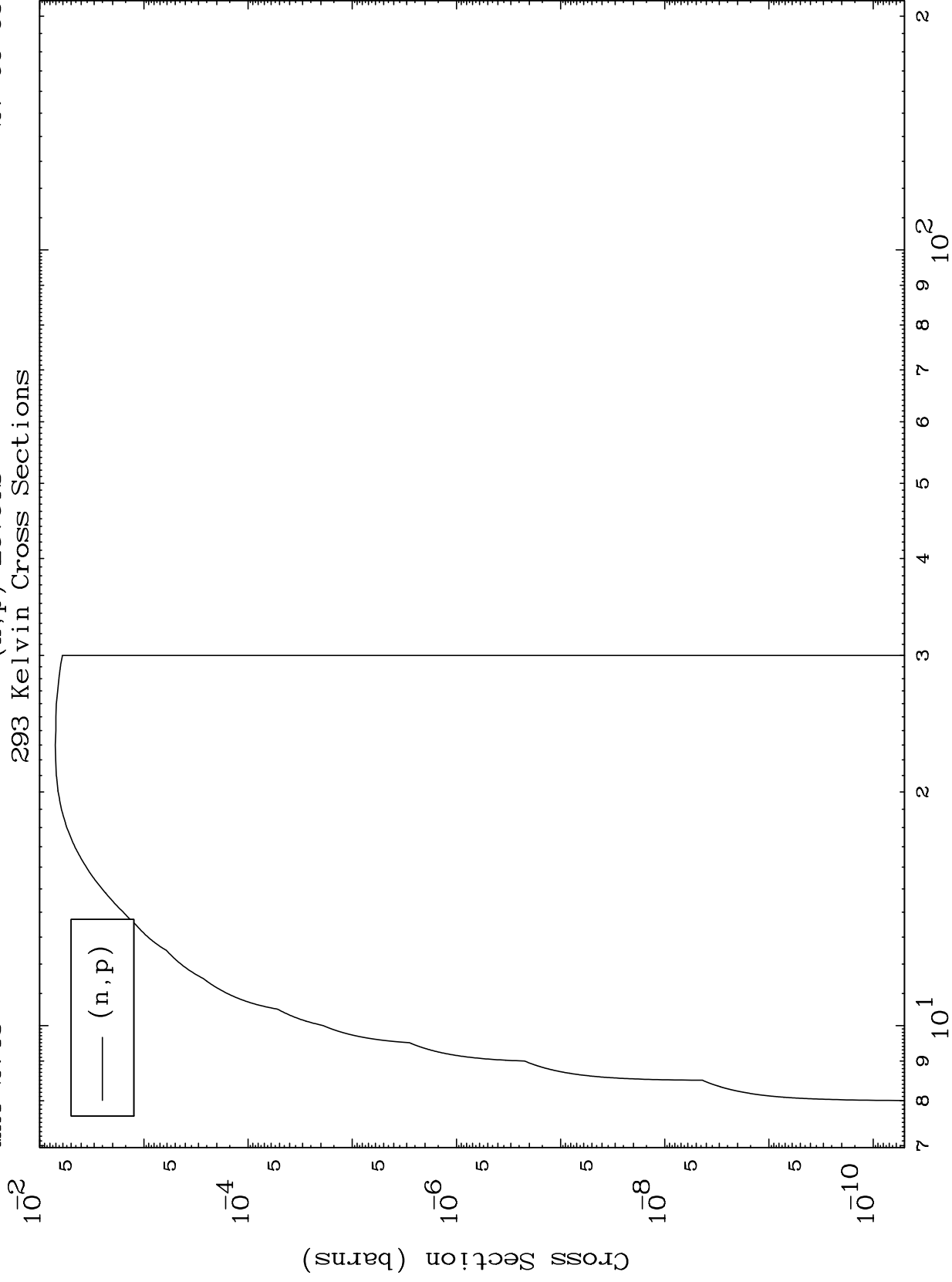
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,p) Levels
293 Kelvin Cross Sections

27-Co-65



9

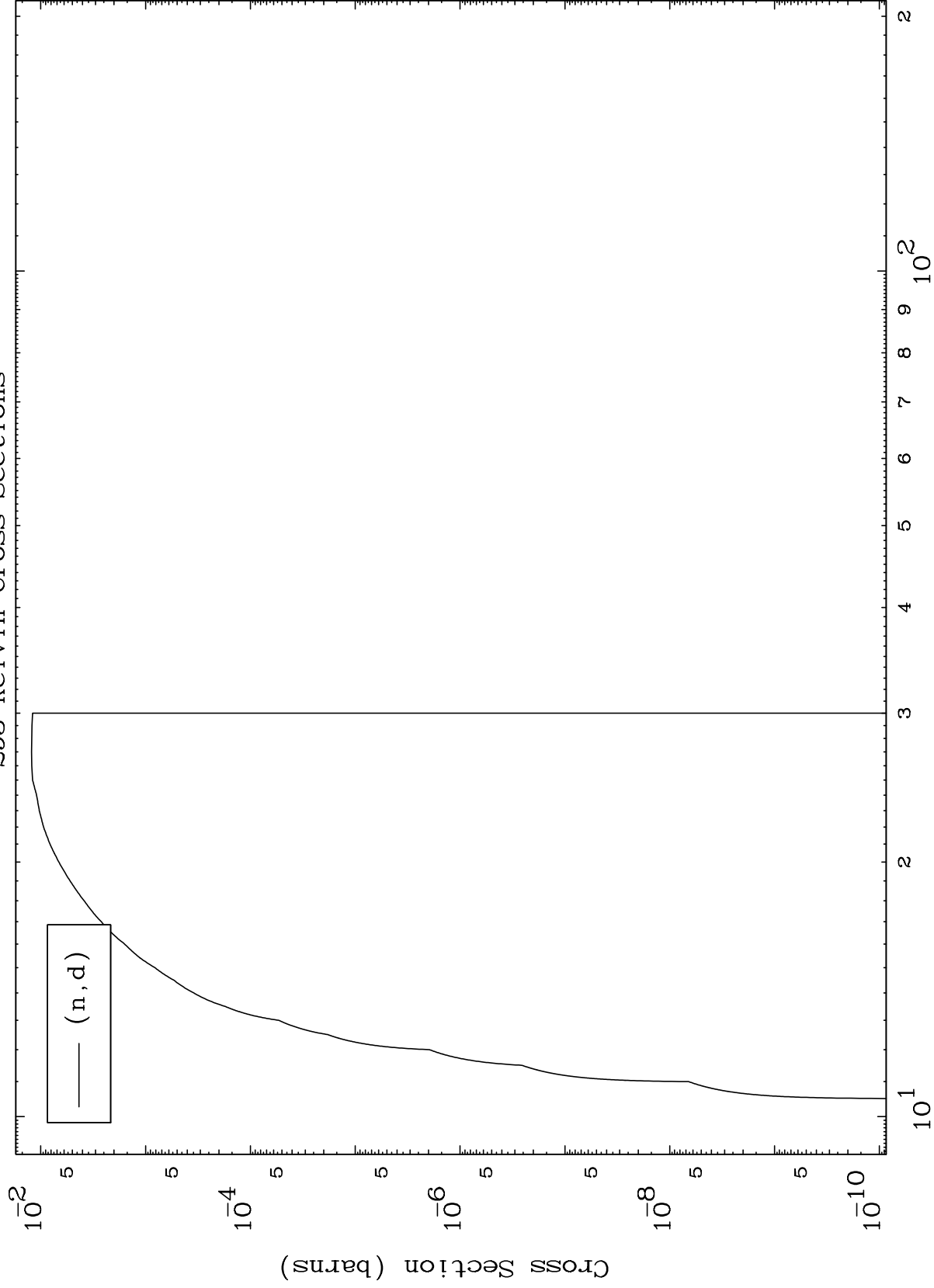
Incident Energy (MeV)

27-Co-65

MAT 2743

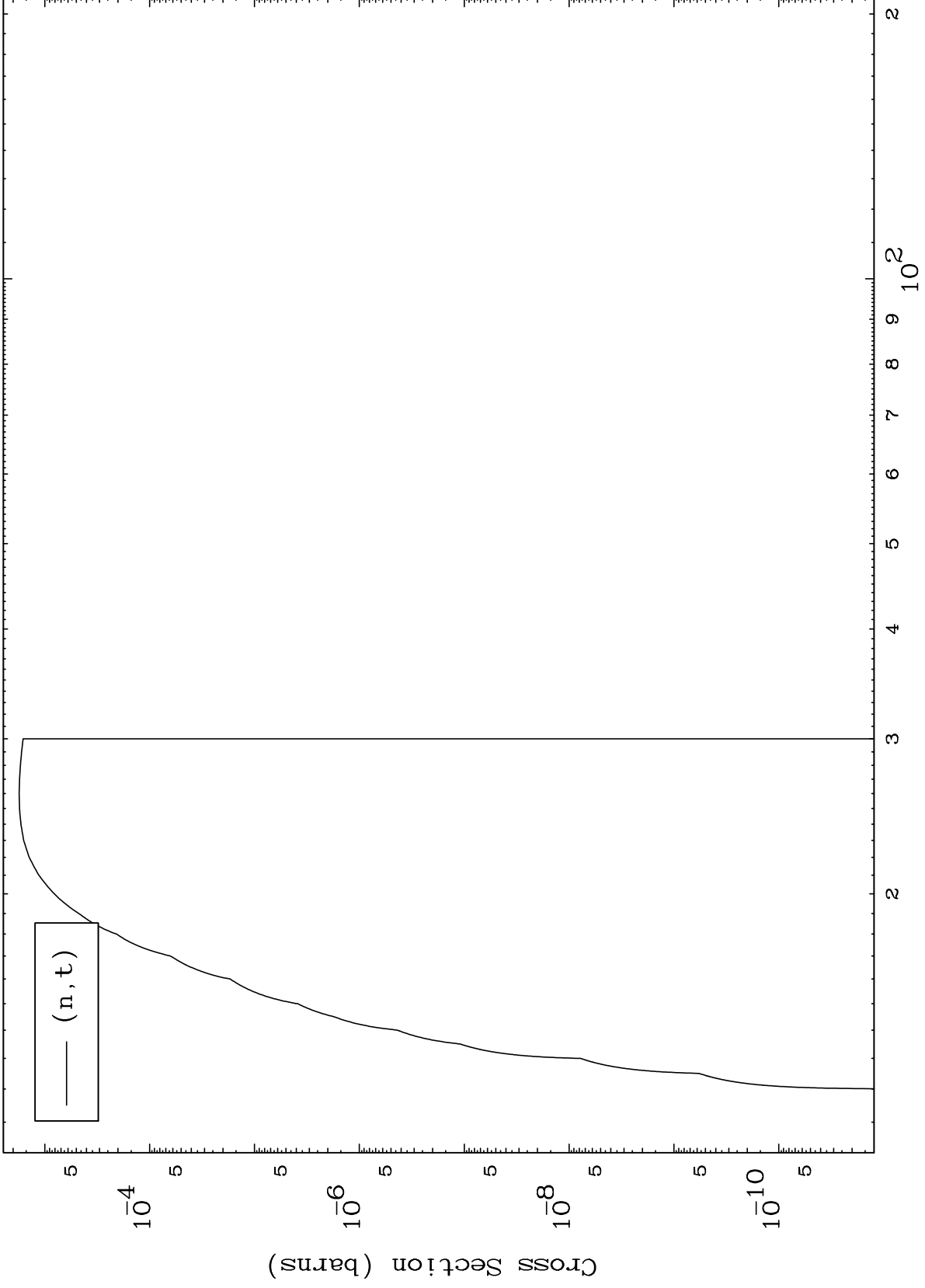
(n,d) Levels
293 Kelvin Cross Sections

27-Co-65



Incident Energy (MeV)

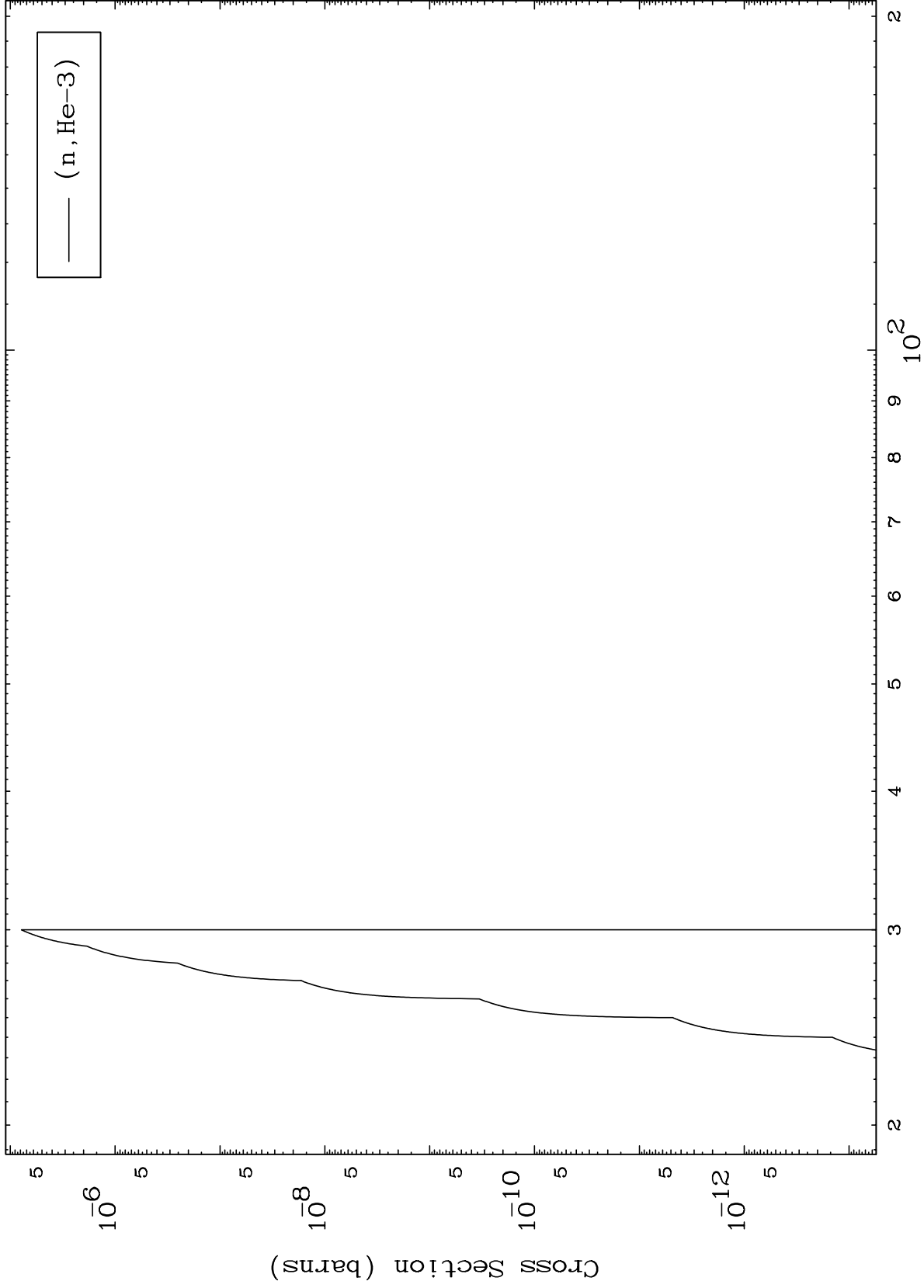
27-Co-65



MAT 2743

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-65



12

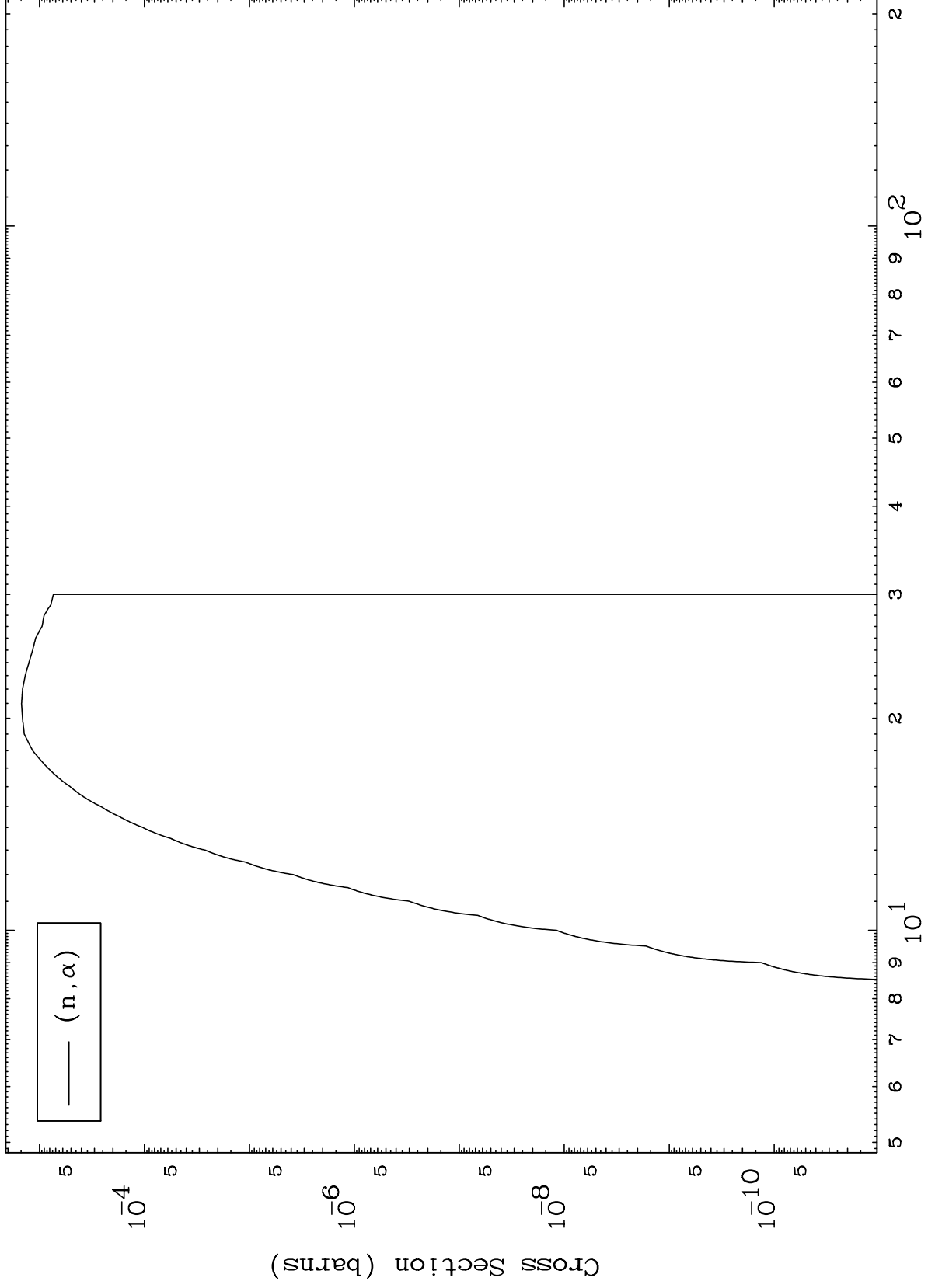
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,α) Levels
293 Kelvin Cross Sections

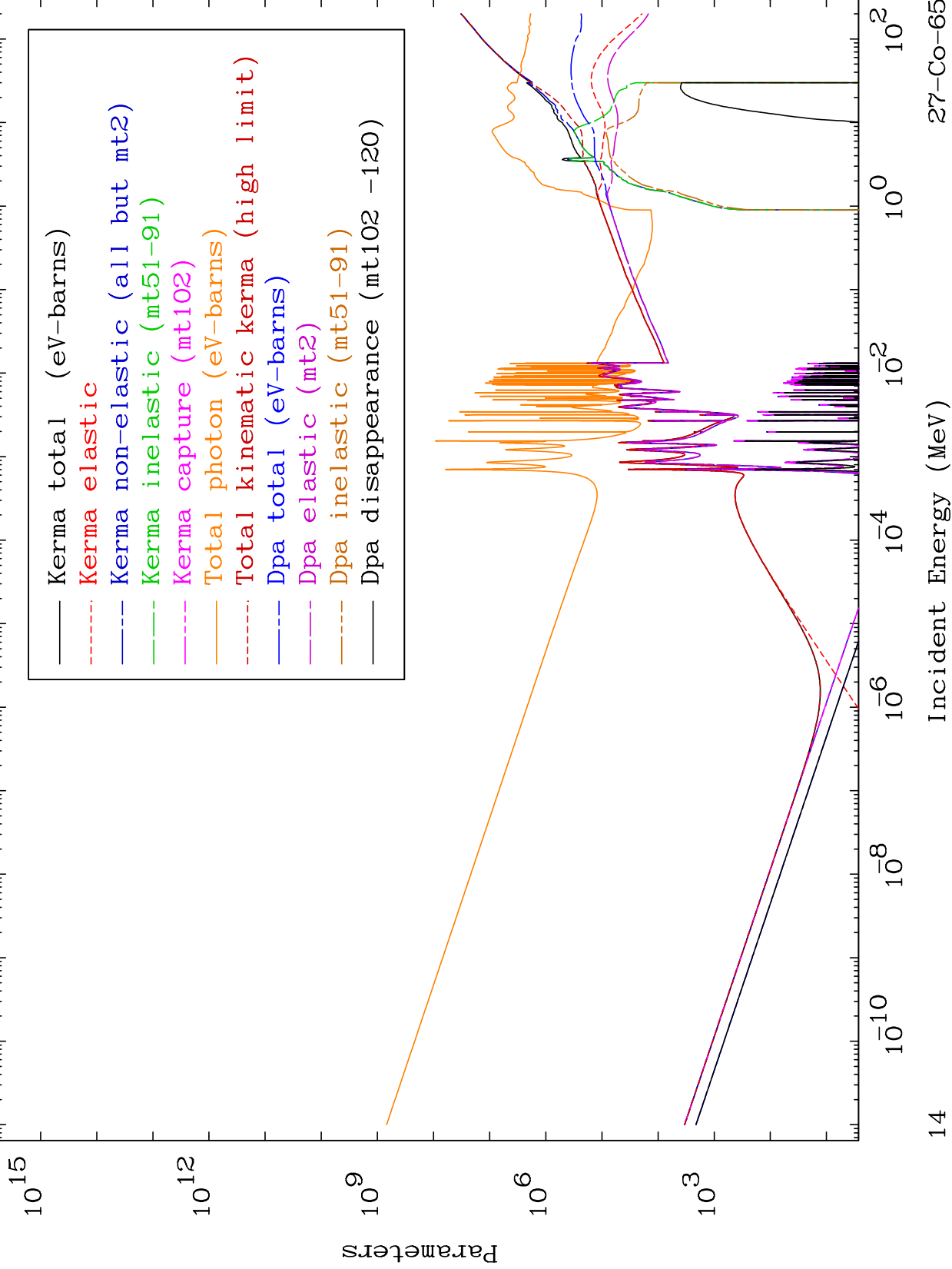
27-Co-65



13

Incident Energy (MeV)

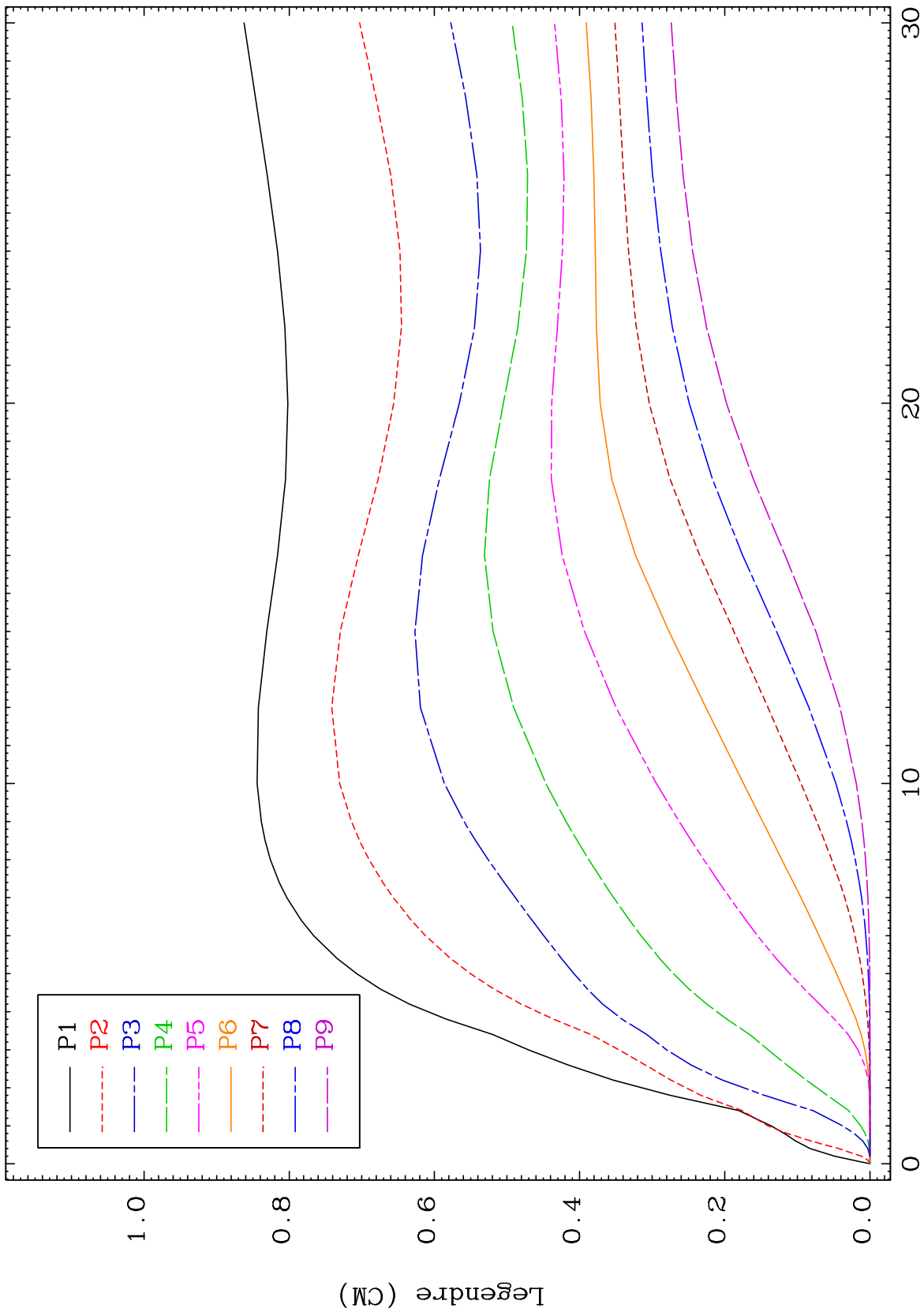
27-Co-65



MAT 2743

Elastic Legendre Coefficients

27-Co-65



15

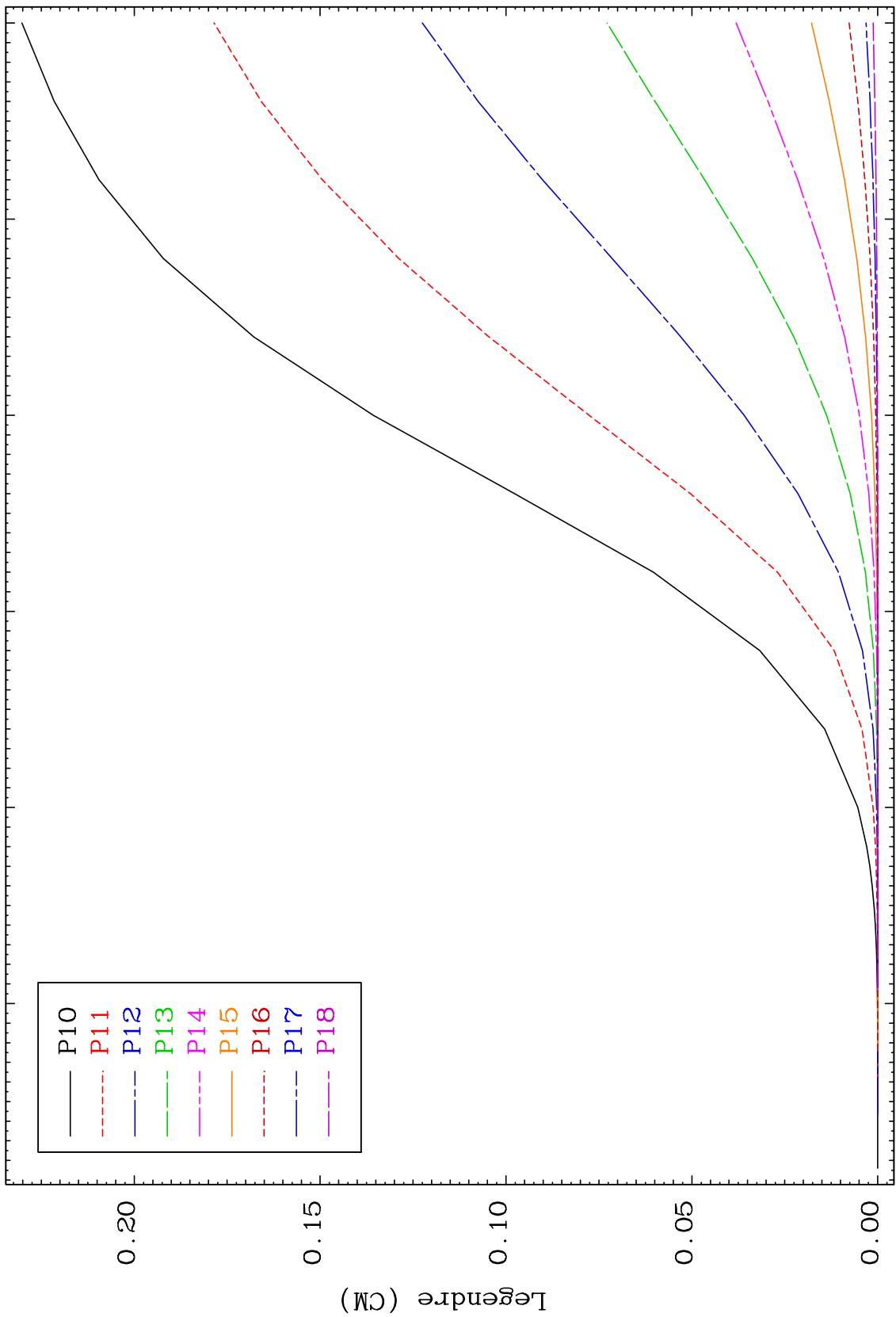
Incident Energy (MeV)

27-Co-65

MAT 2743

Elastic Legendre Coefficients

27-Co-65



16

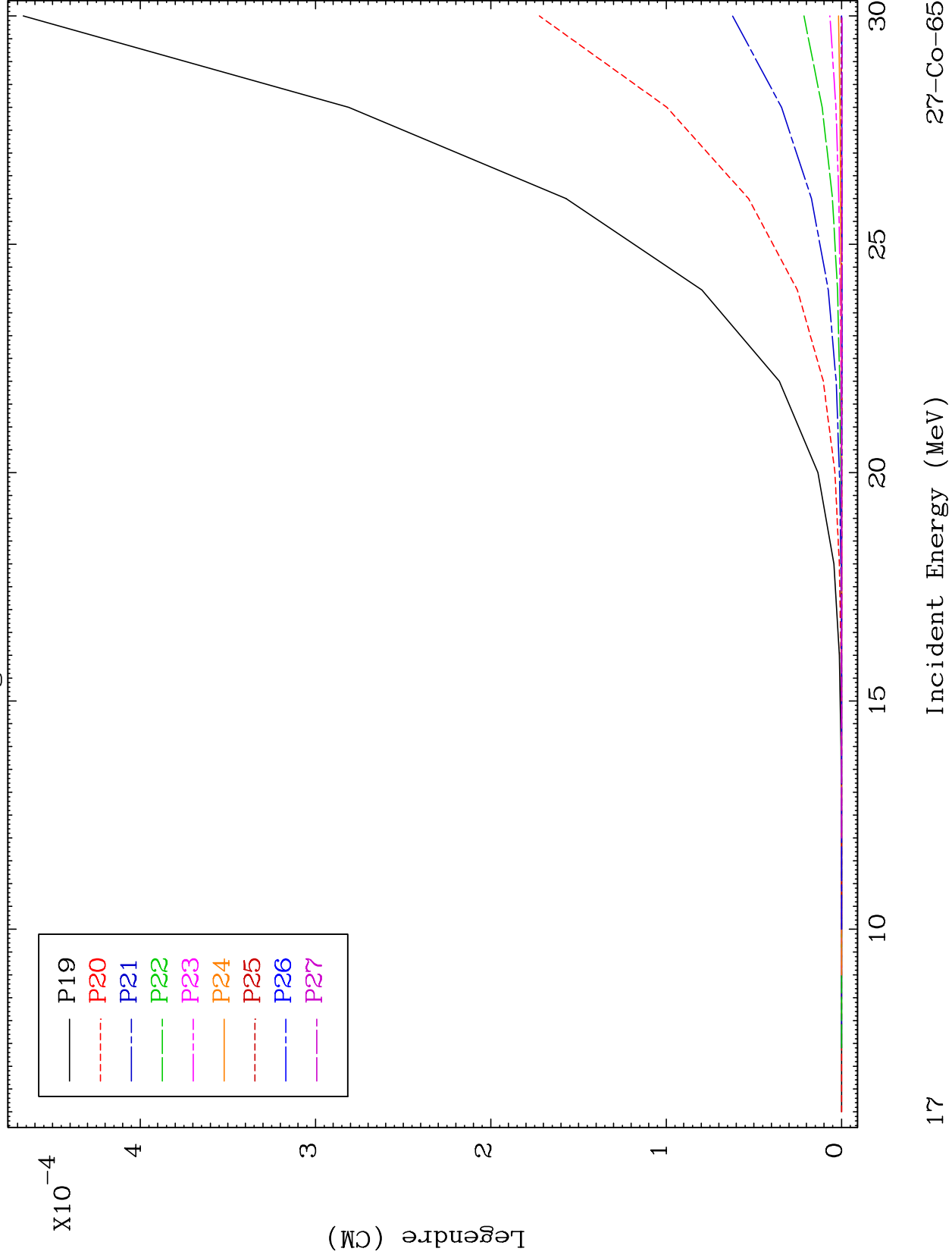
27-Co-65

Incident Energy (MeV)

MAT 2743

Elastic Legendre Coefficients

27-Co-65



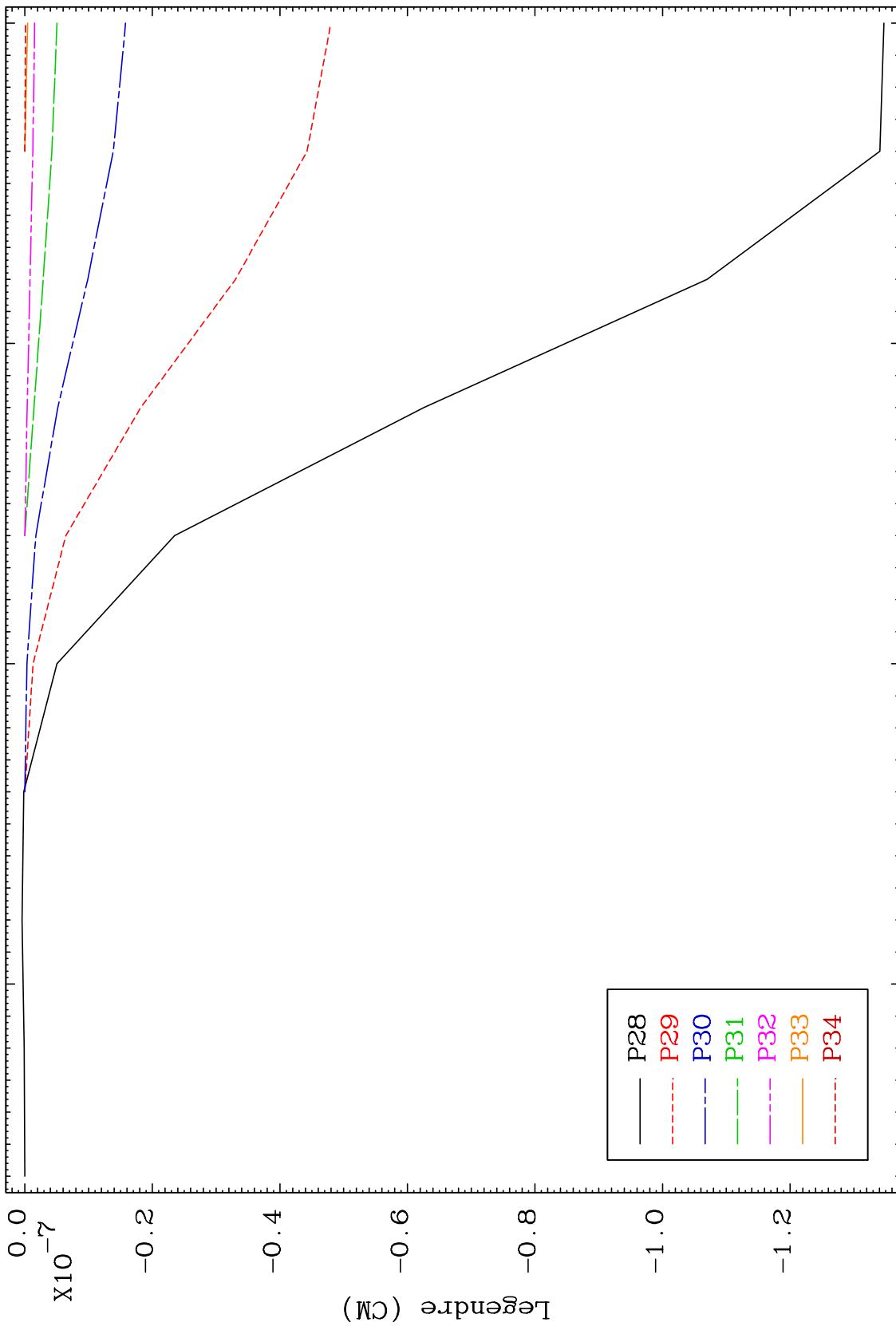
17

27-Co-65

MAT 2743

27-Co-65

Elastic Legendre Coefficients



18

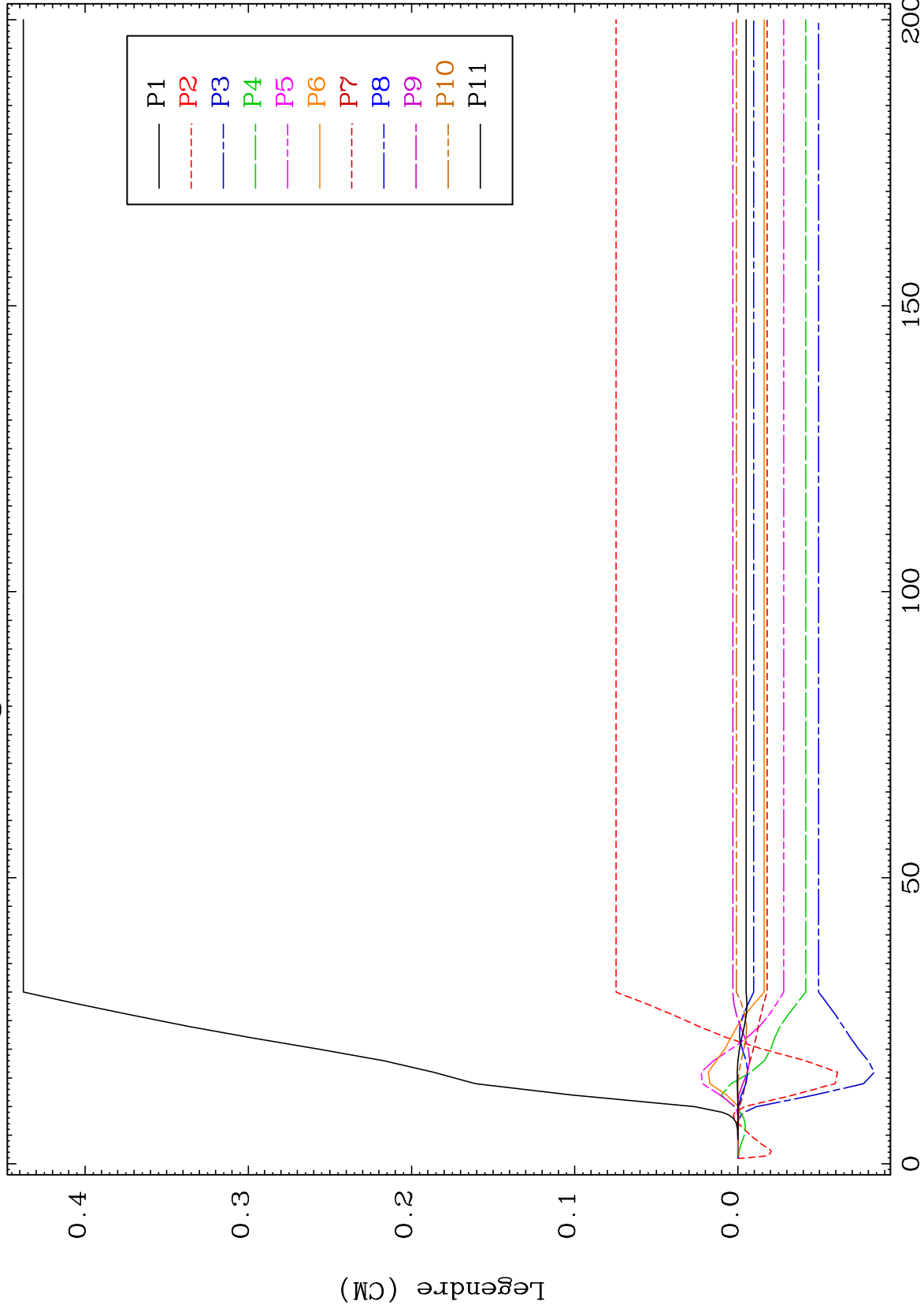
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



19

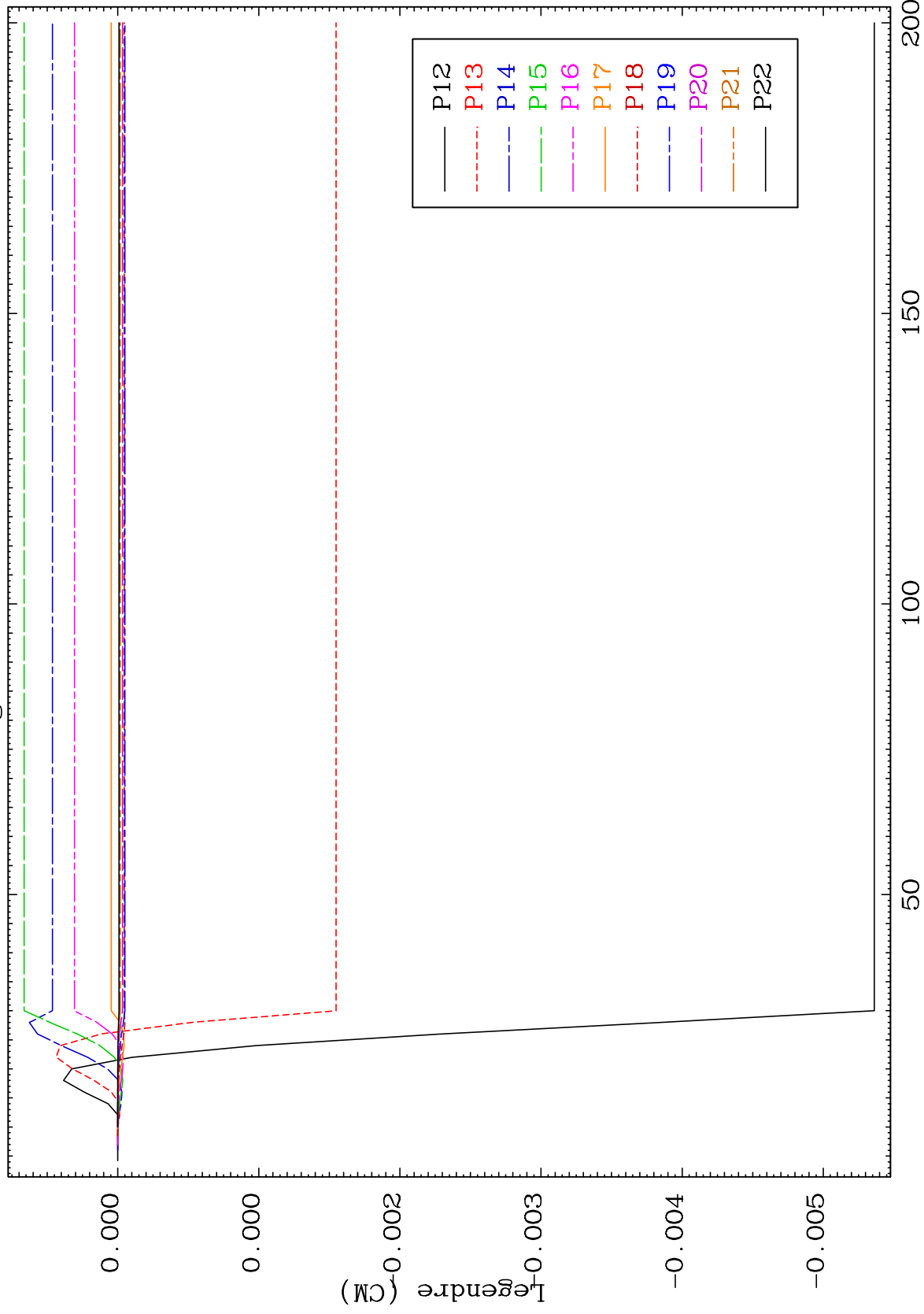
Incident Energy (MeV)

27-Co-65

MAT 2743

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

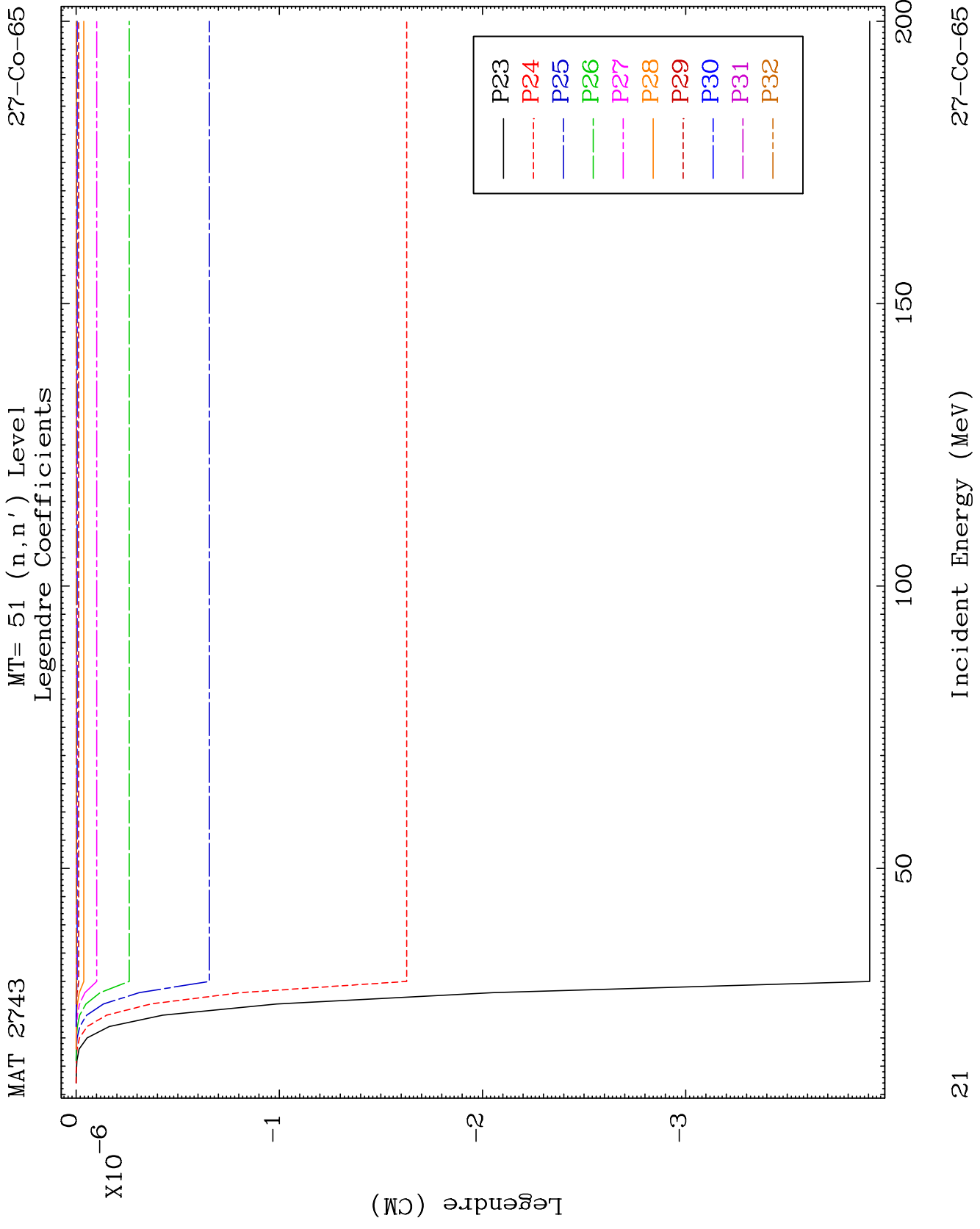
27-Co-65



20

Incident Energy (MeV)

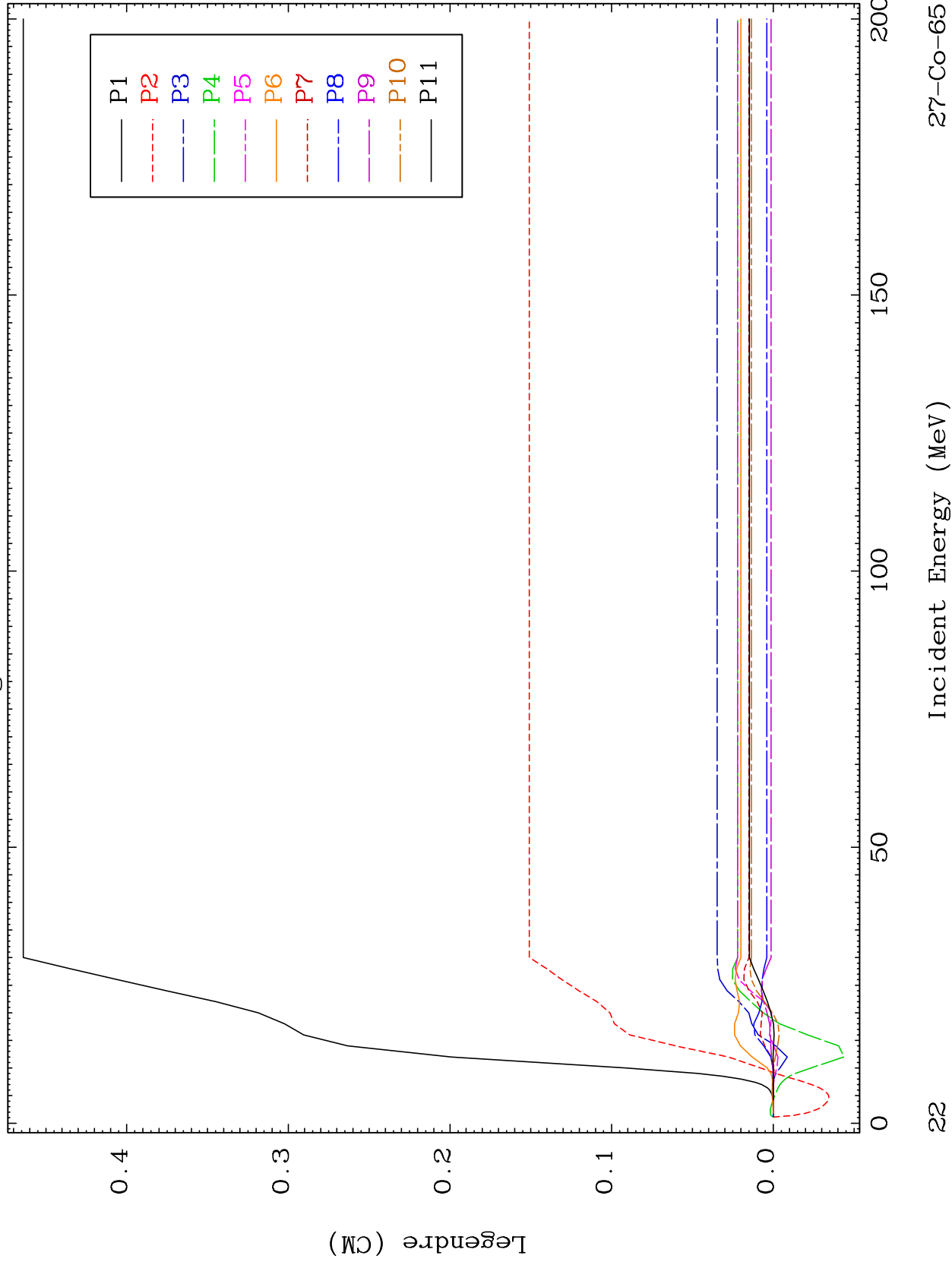
27-Co-65



MAT 2743

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

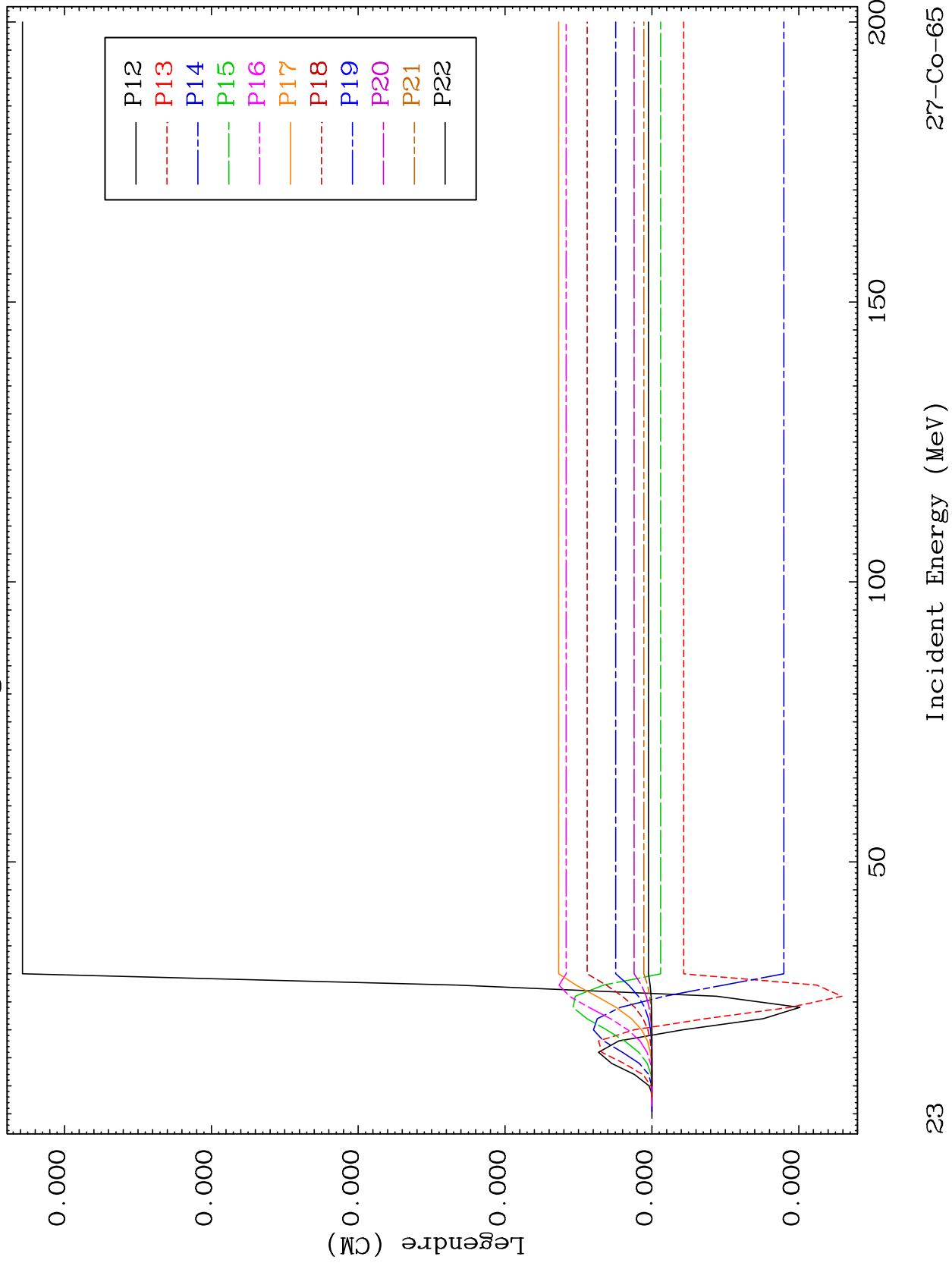
27-Co-65



MAT 2743

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

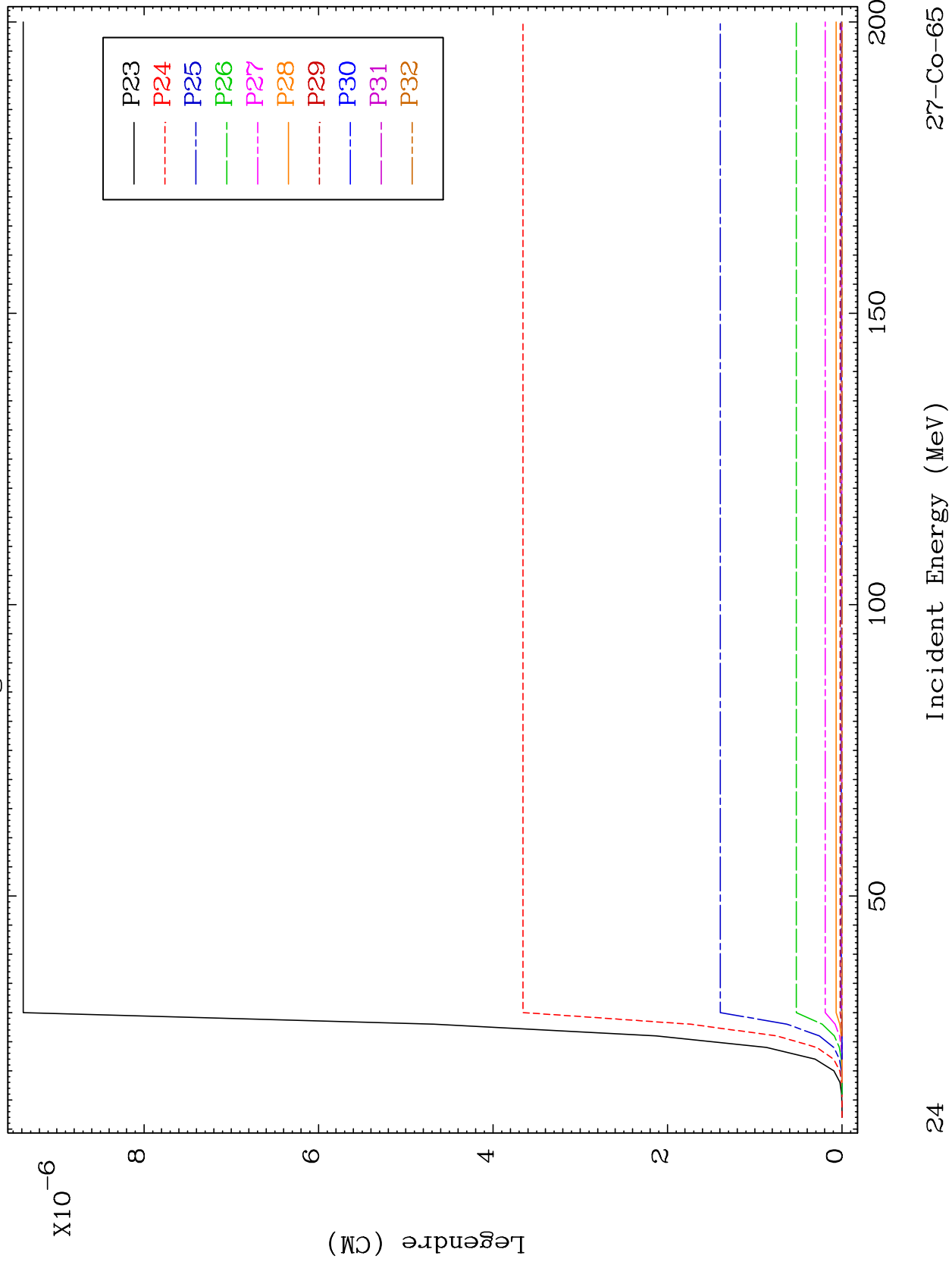
27-Co-65



MAT 2743

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

27-Co-65



24

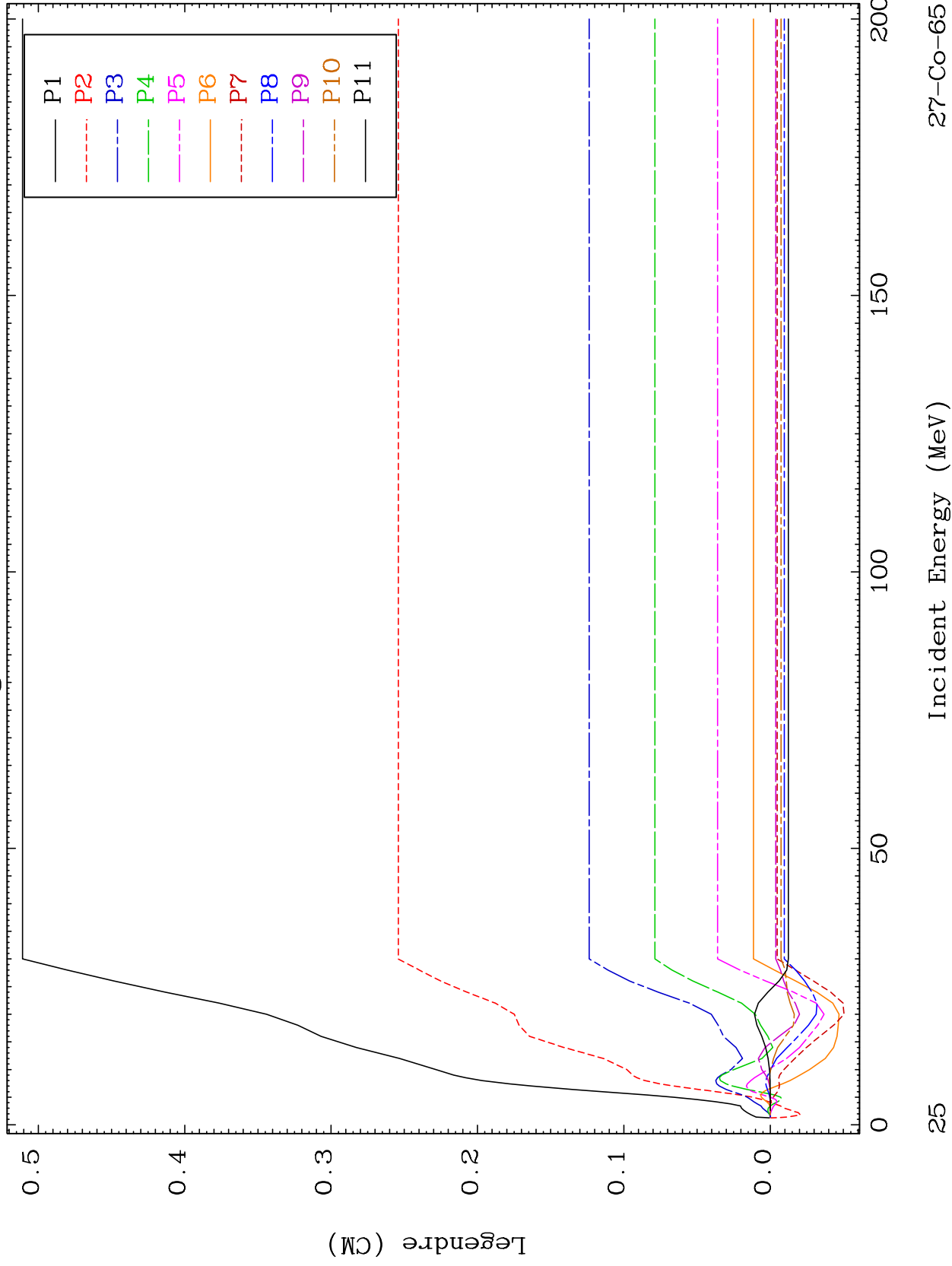
Incident Energy (MeV)

27-Co-65

MAT 2743

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

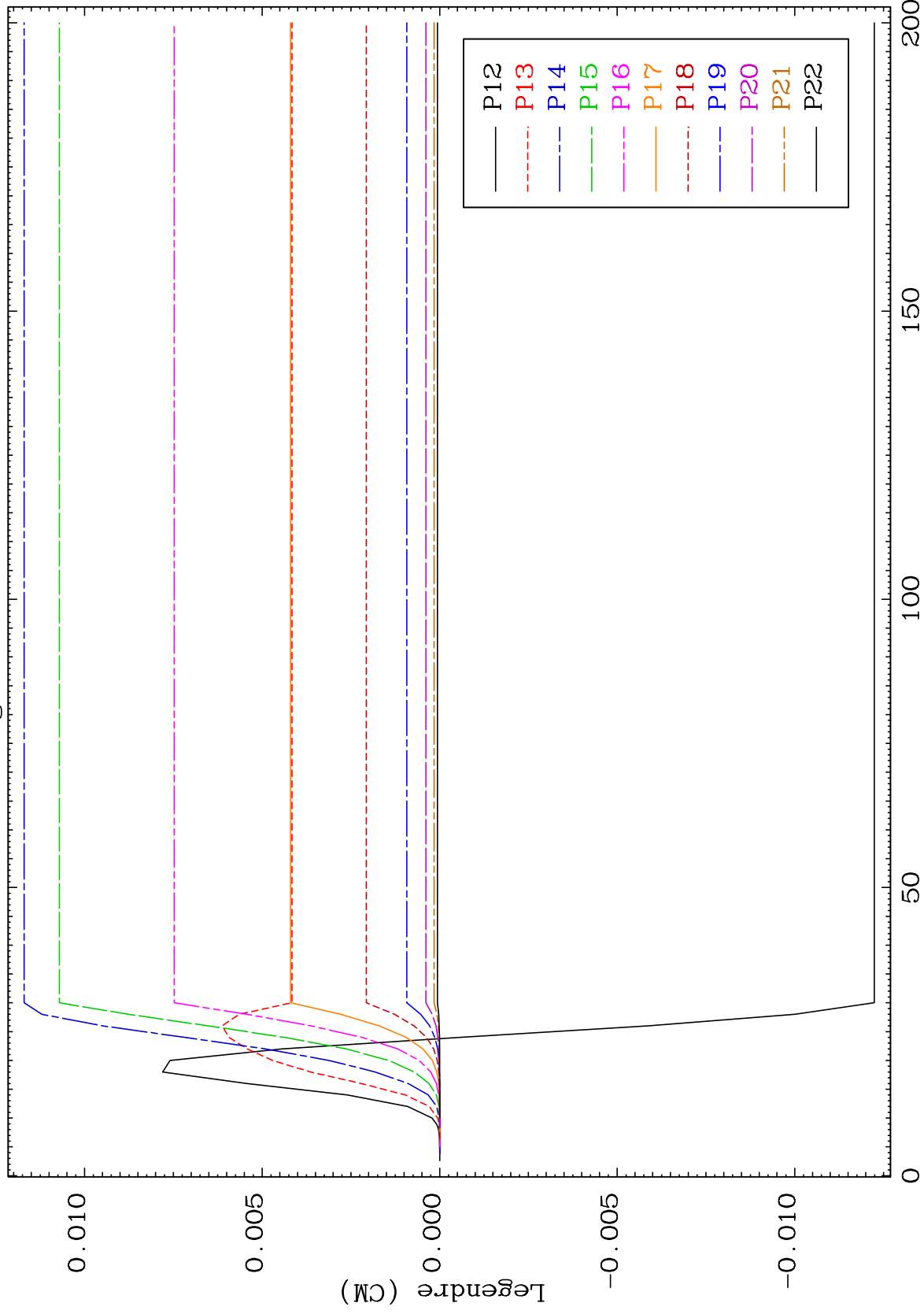
27-Co-65



MAT 2743

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

27-Co-65



26

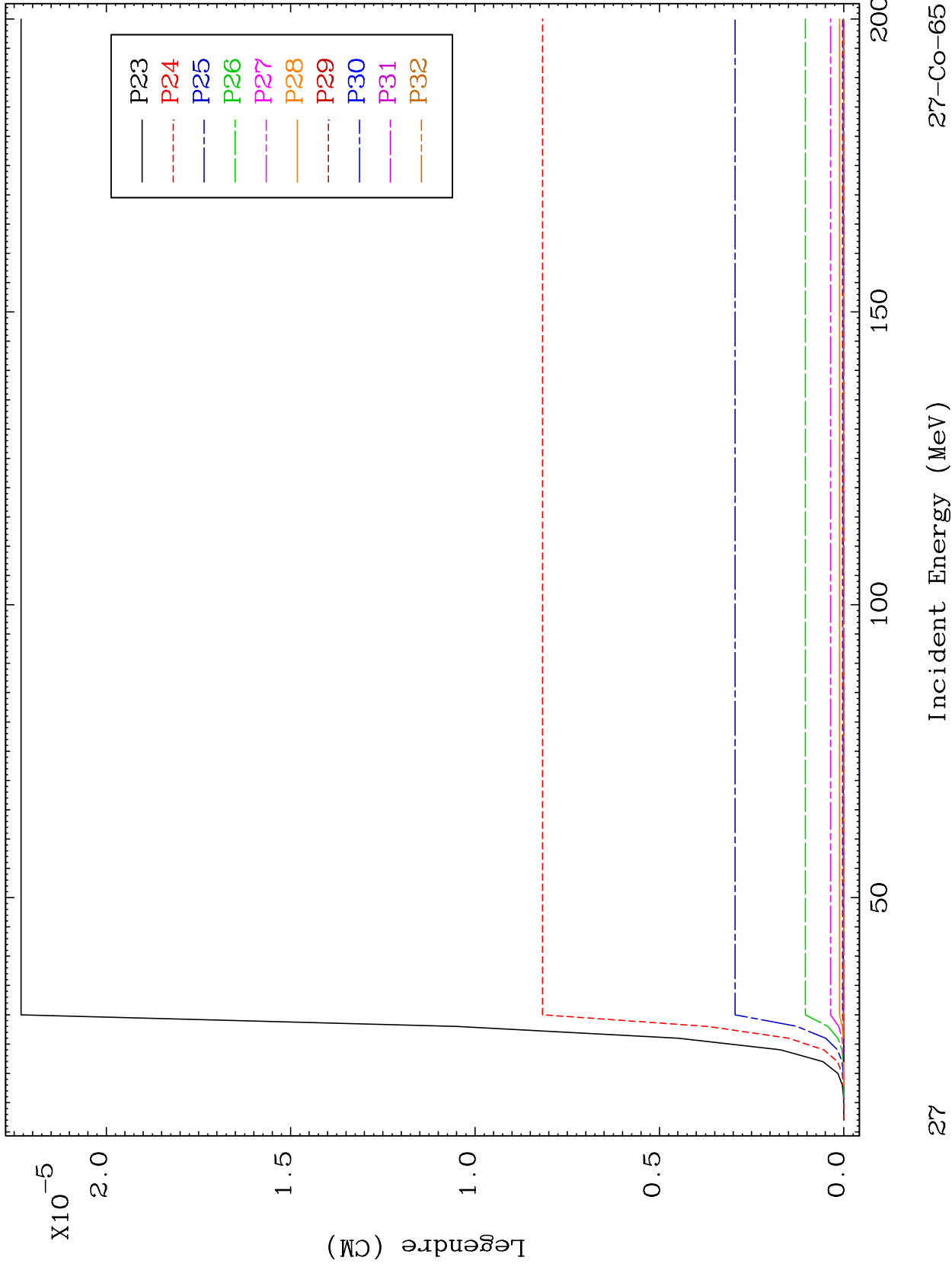
Incident Energy (MeV)

27-Co-65

MAT 2743

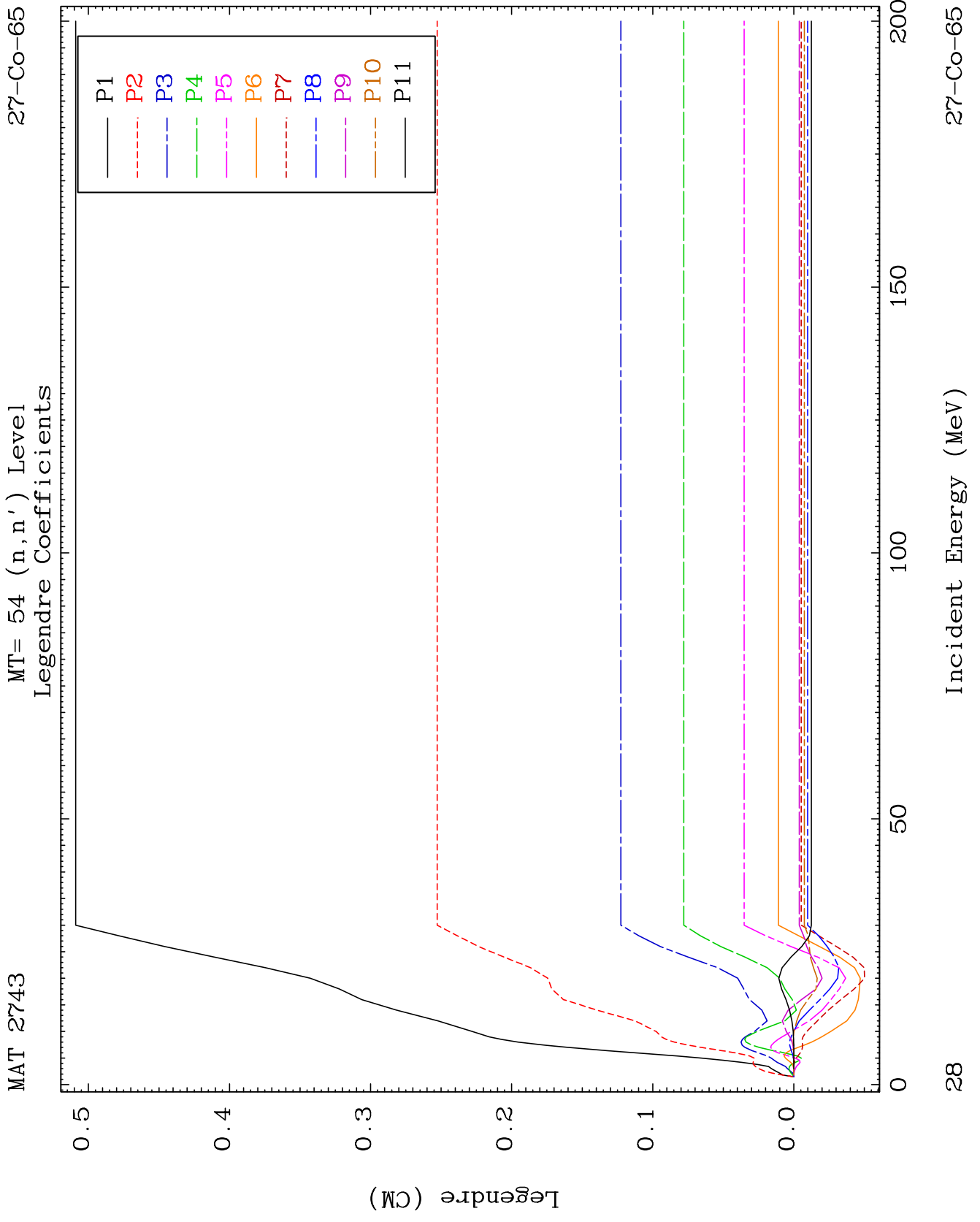
MT= 53 (n,n') Level
Legendre Coefficients

27-Co-65



27

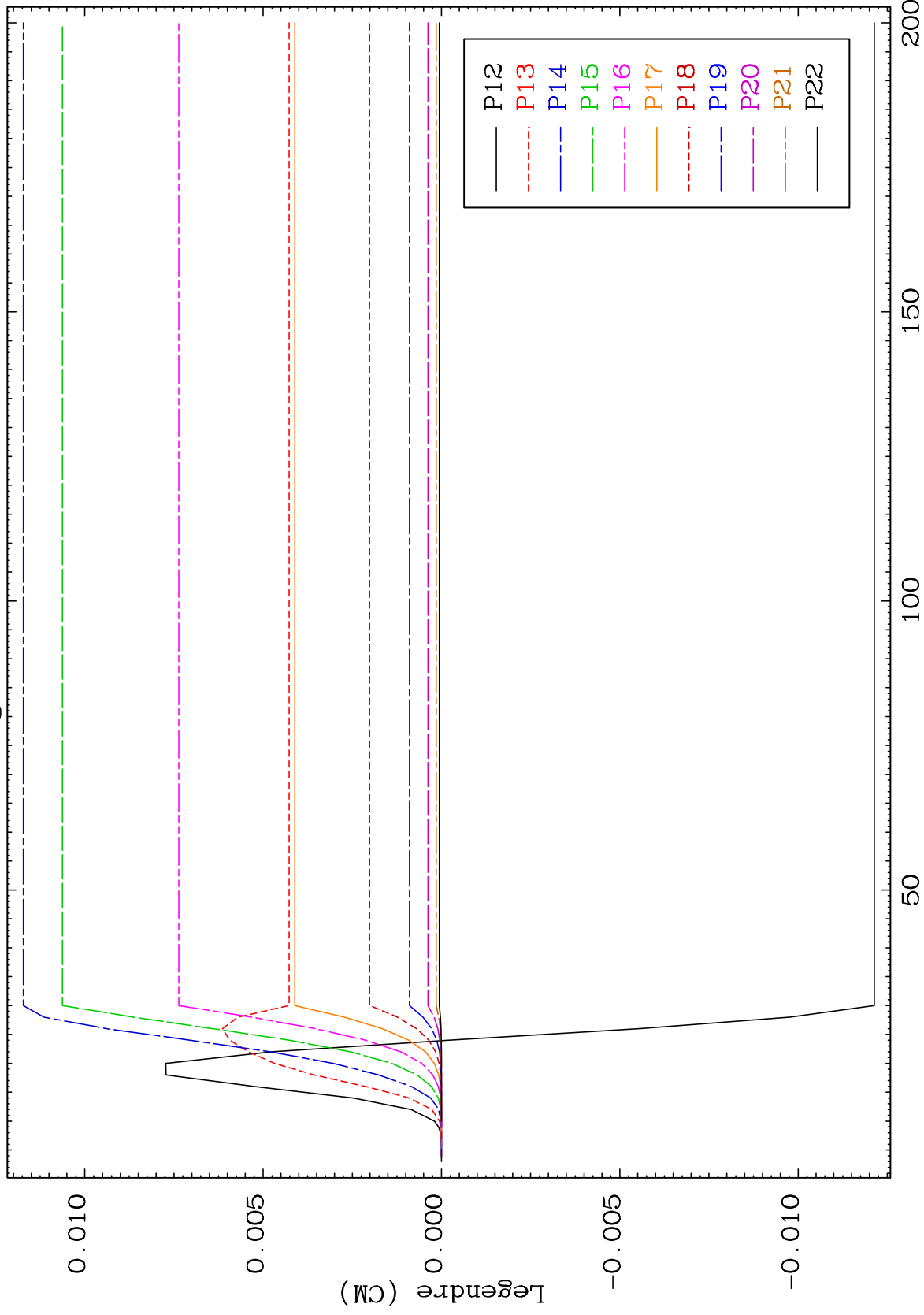
27-Co-65



MAT 2743

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

27-Co-65



29

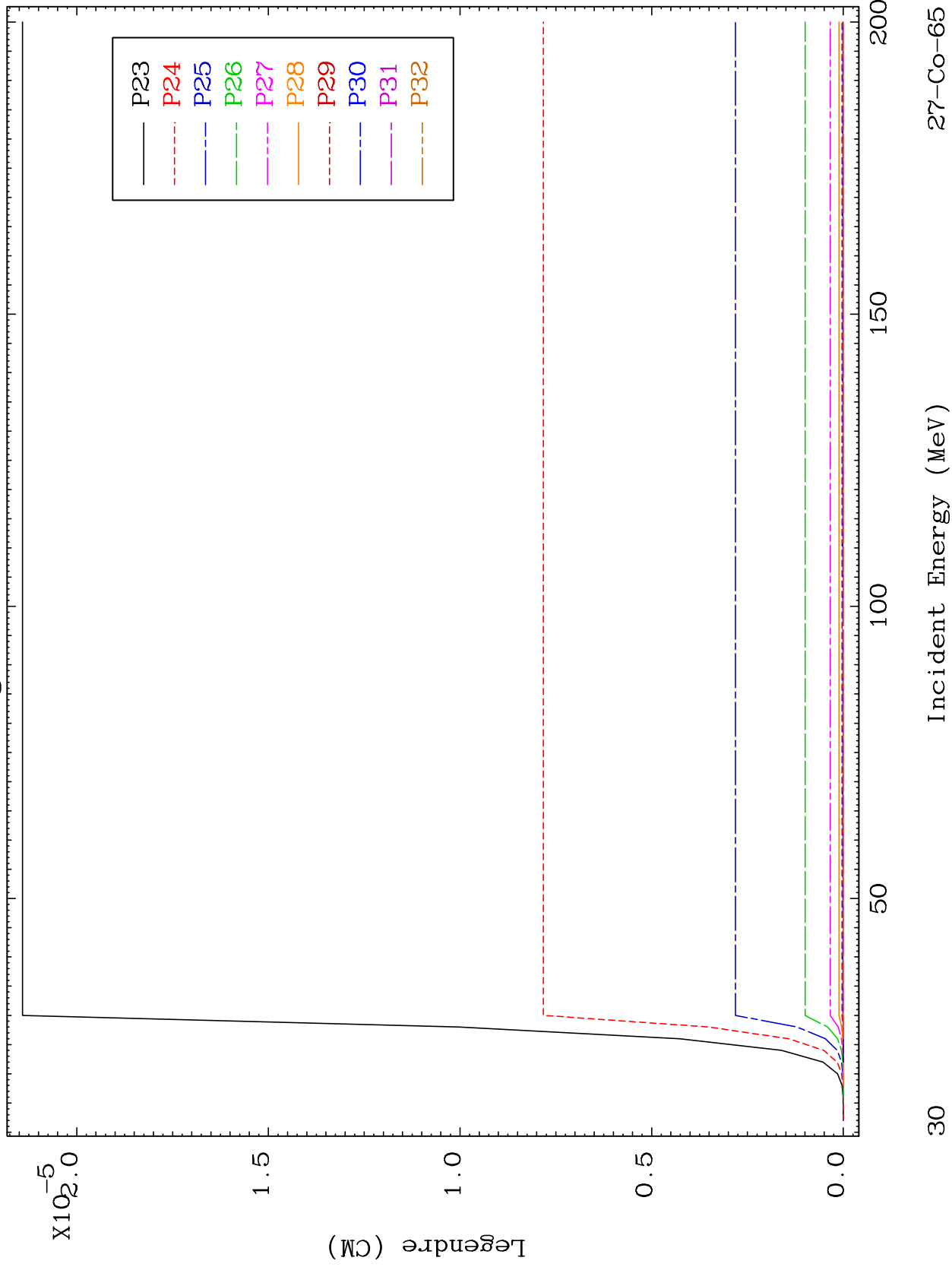
Incident Energy (MeV)

27-Co-65

MAT 2743

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

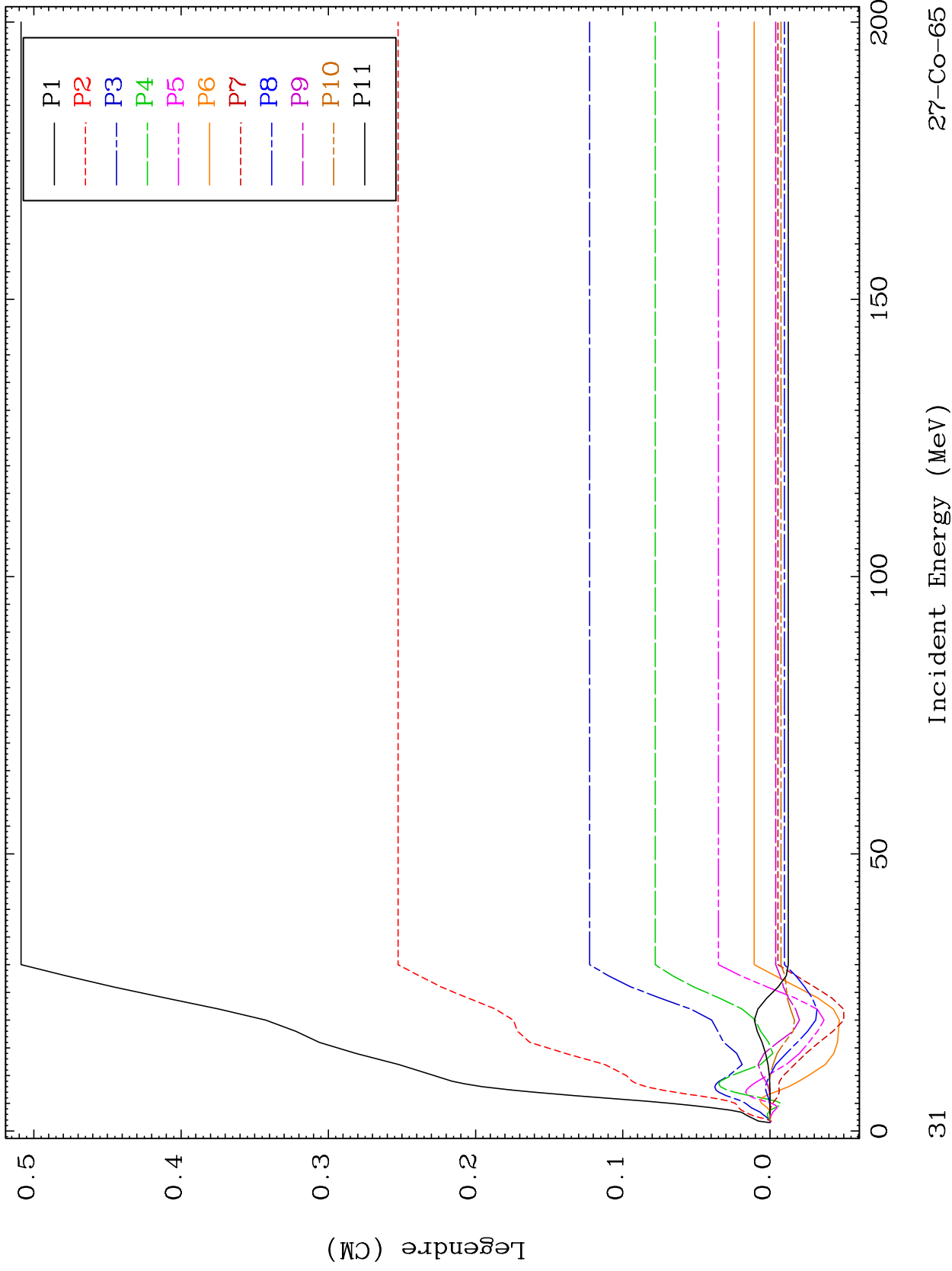
27-Co-65



MAT 2743

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

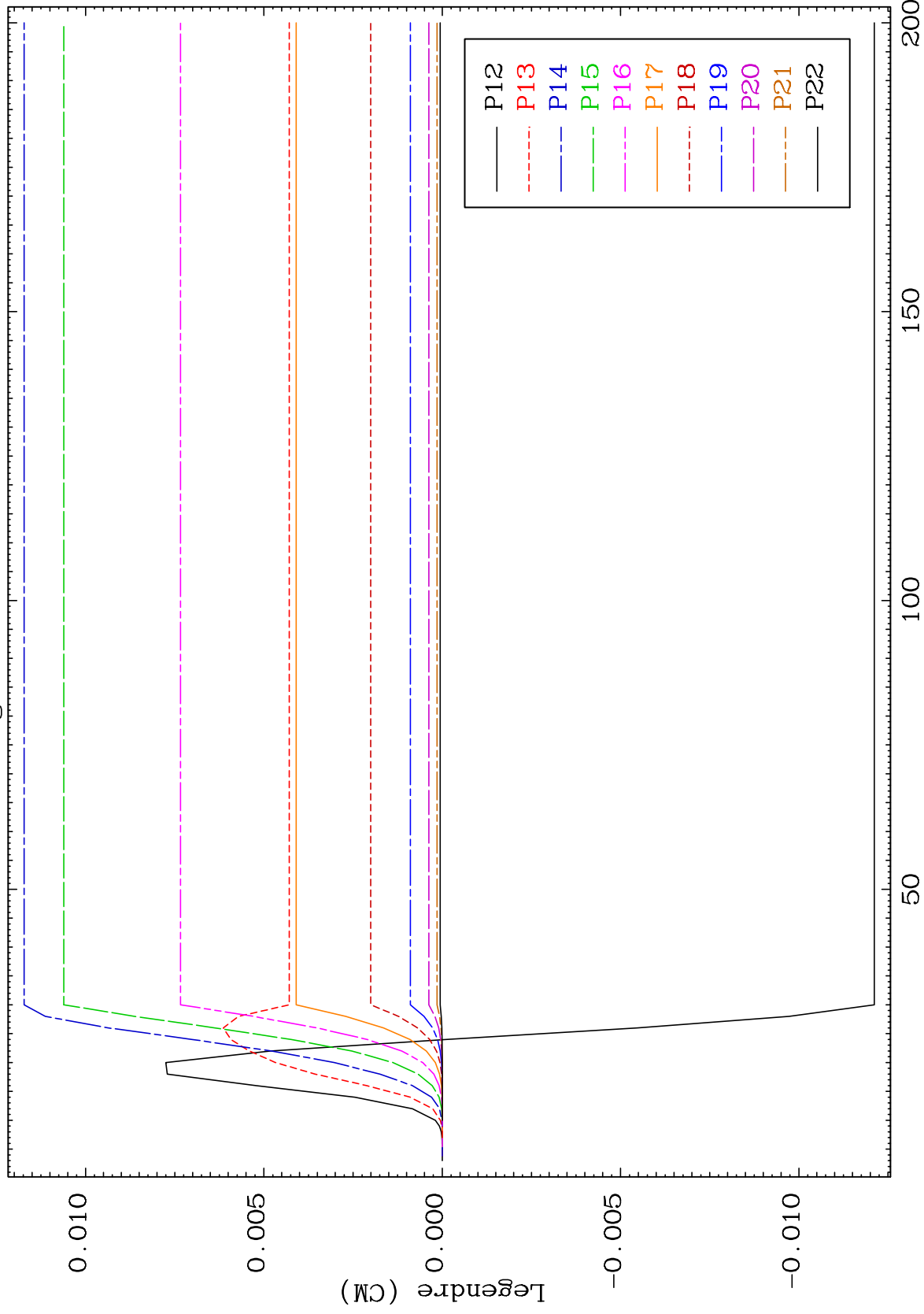
27-Co-65



MAT 2743

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

27-Co-65



32

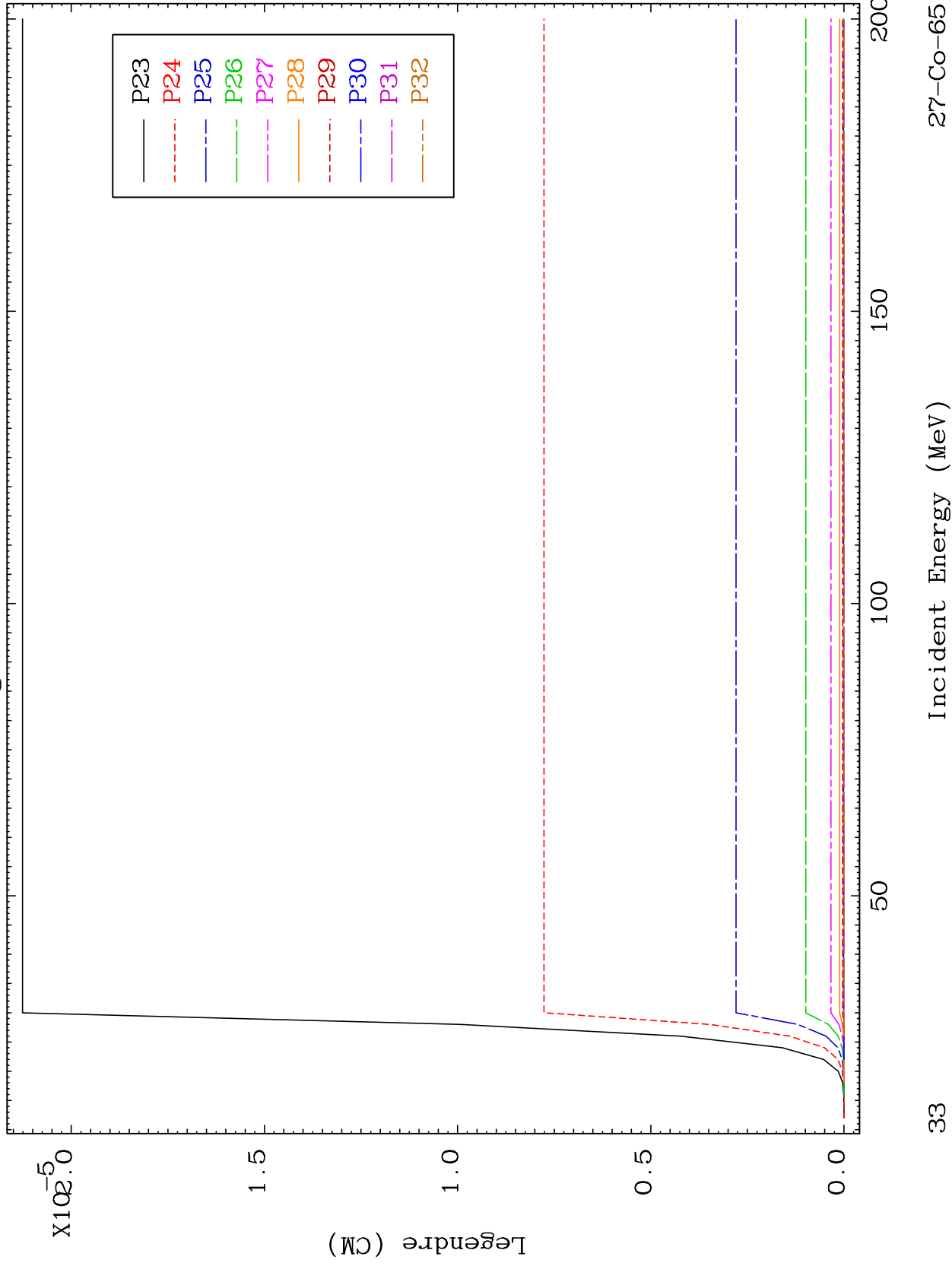
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



33

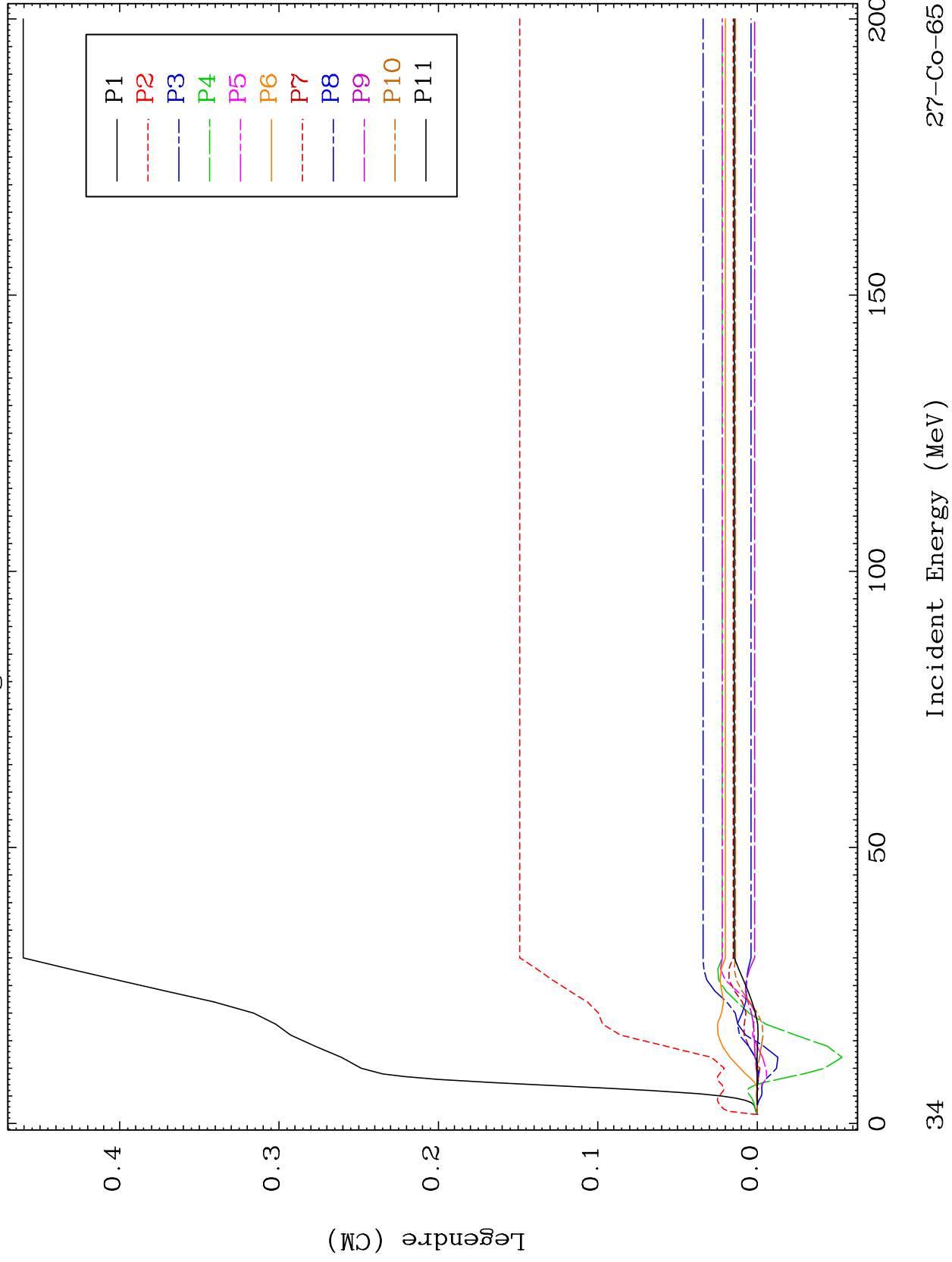
Incident Energy (MeV)

27-Co-65

MAT 2743

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

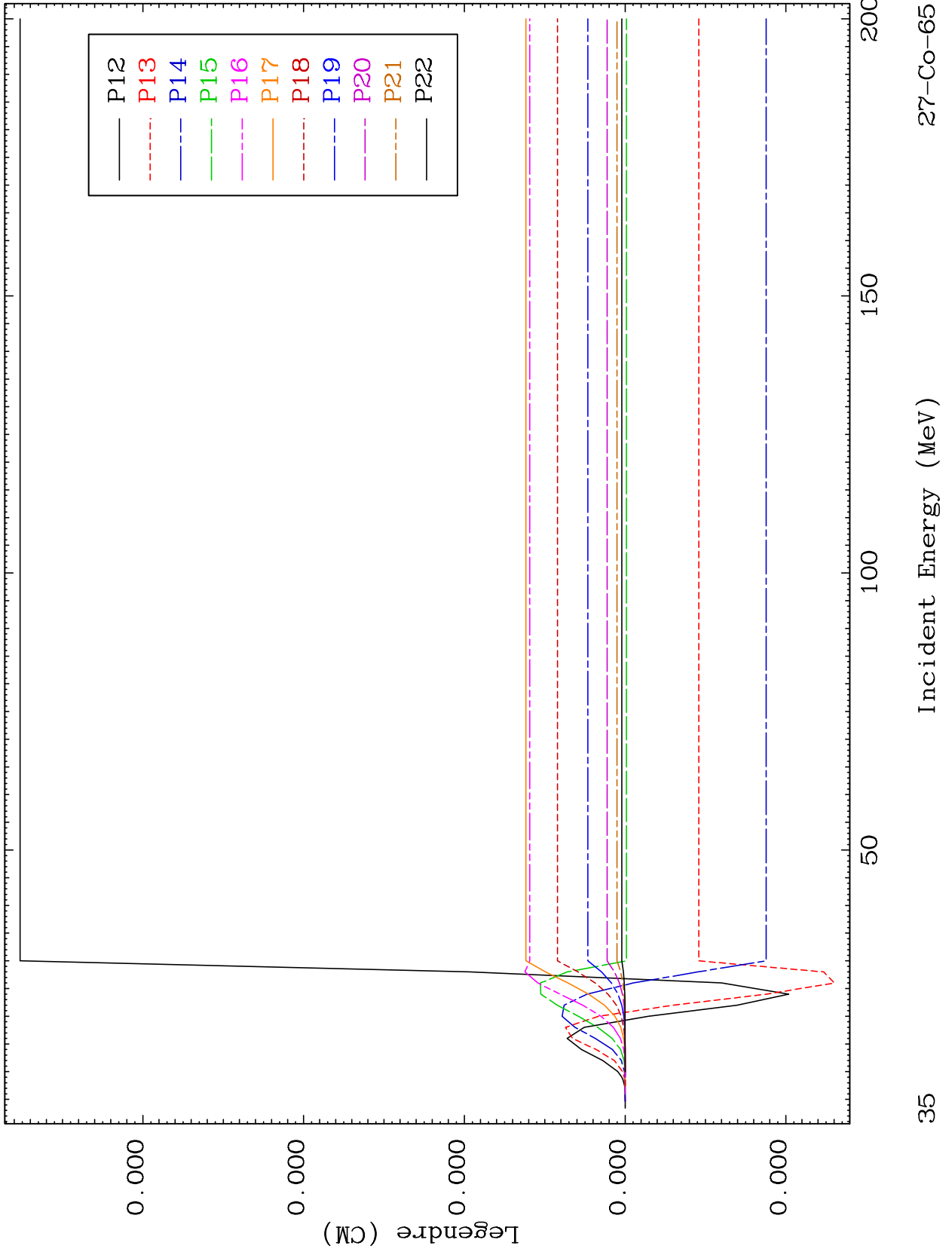
27-Co-65



MAT 2743

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

27-Co-65



35

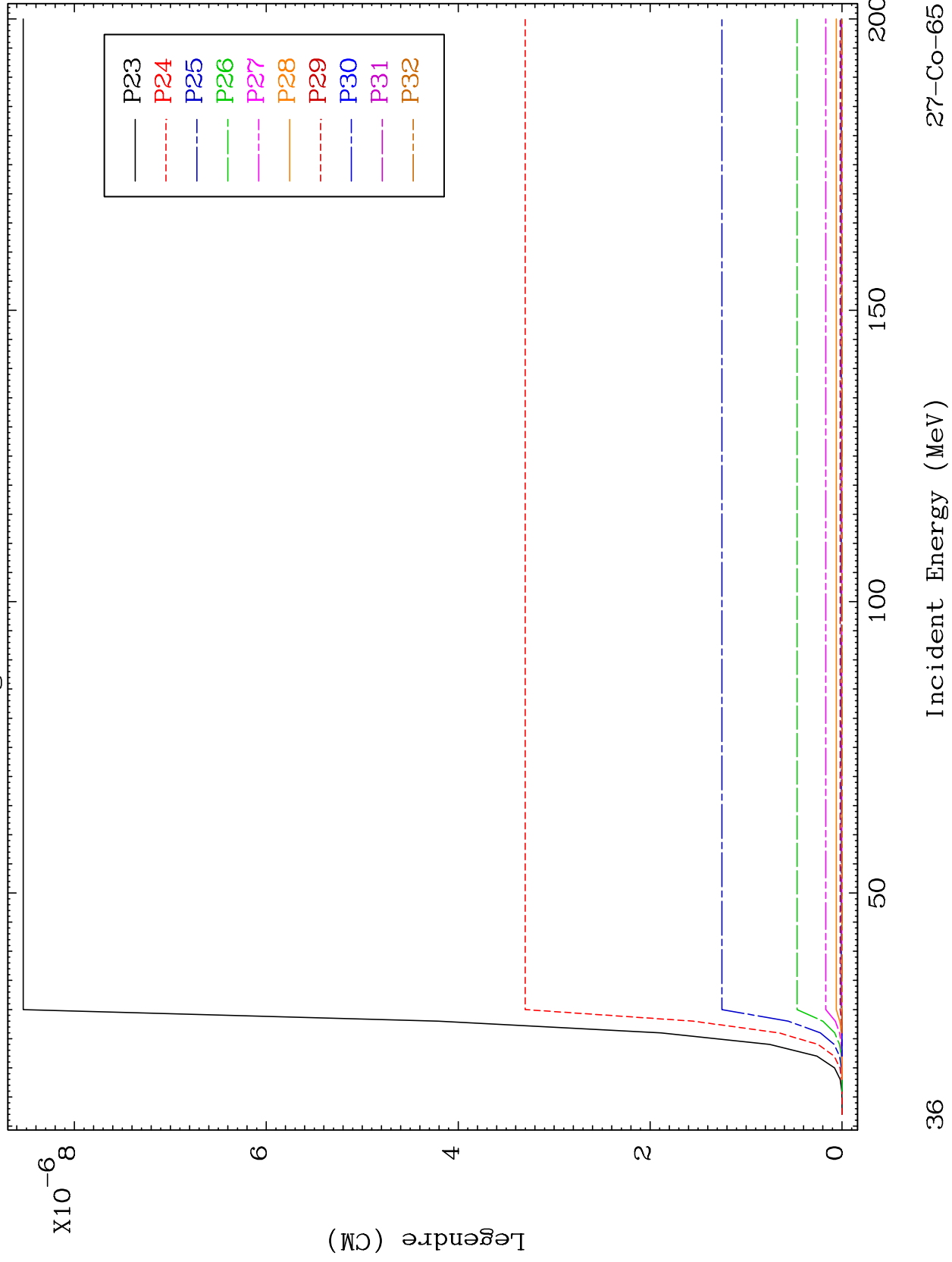
Incident Energy (MeV)

27-Co-65

MAT 2743

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

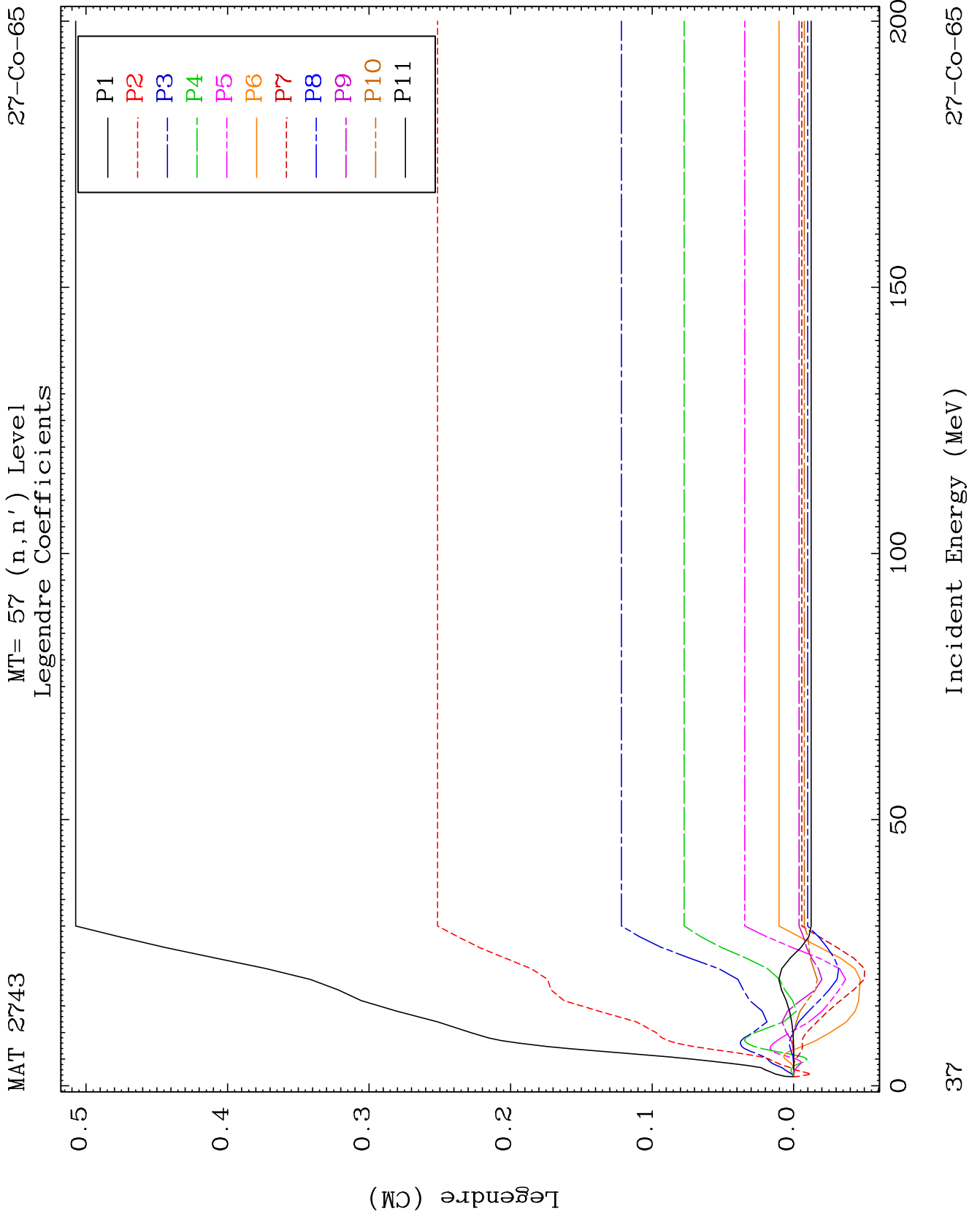
27-Co-65



36

Incident Energy (MeV)

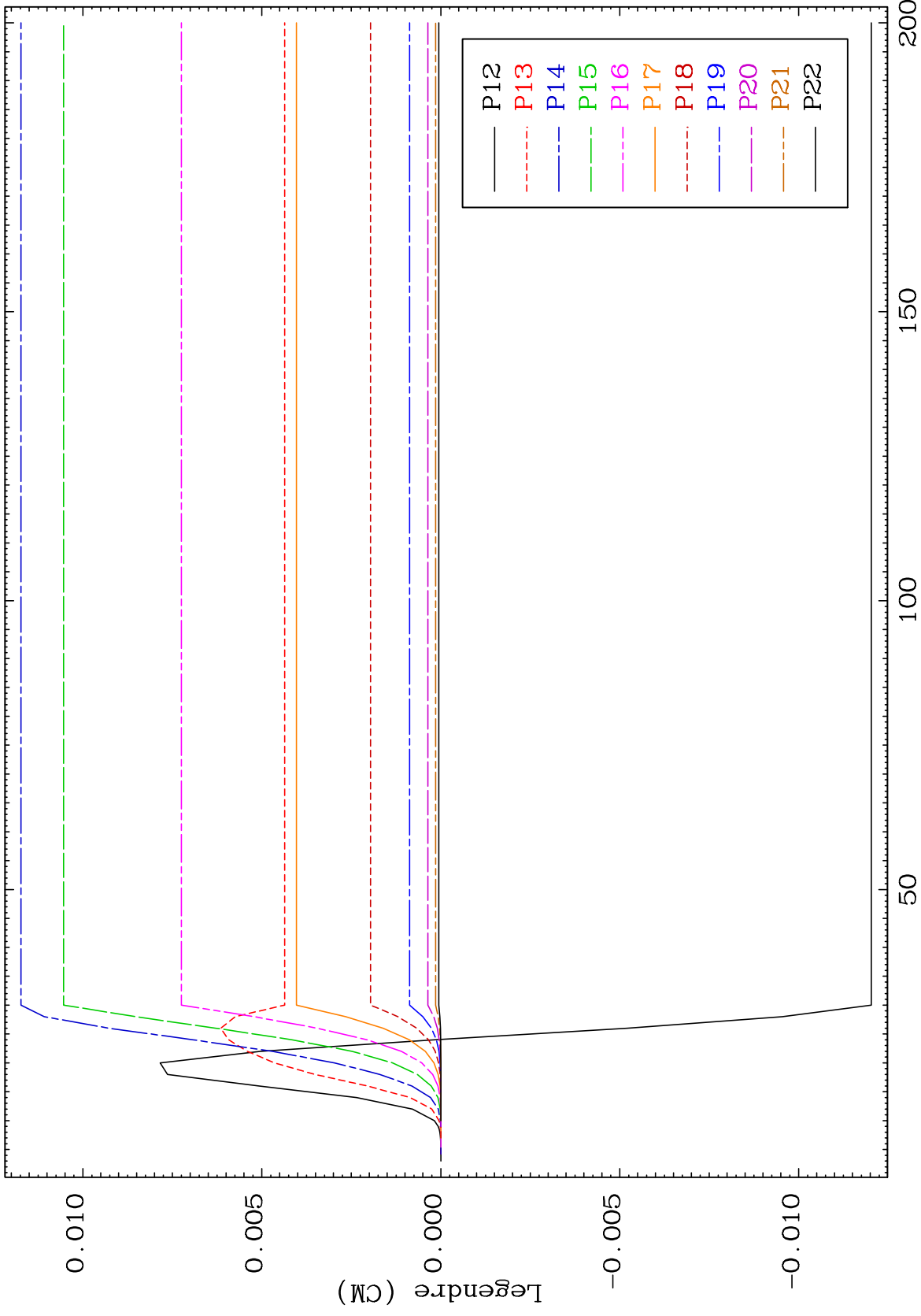
27-Co-65



MAT 2743

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

27-Co-65



38

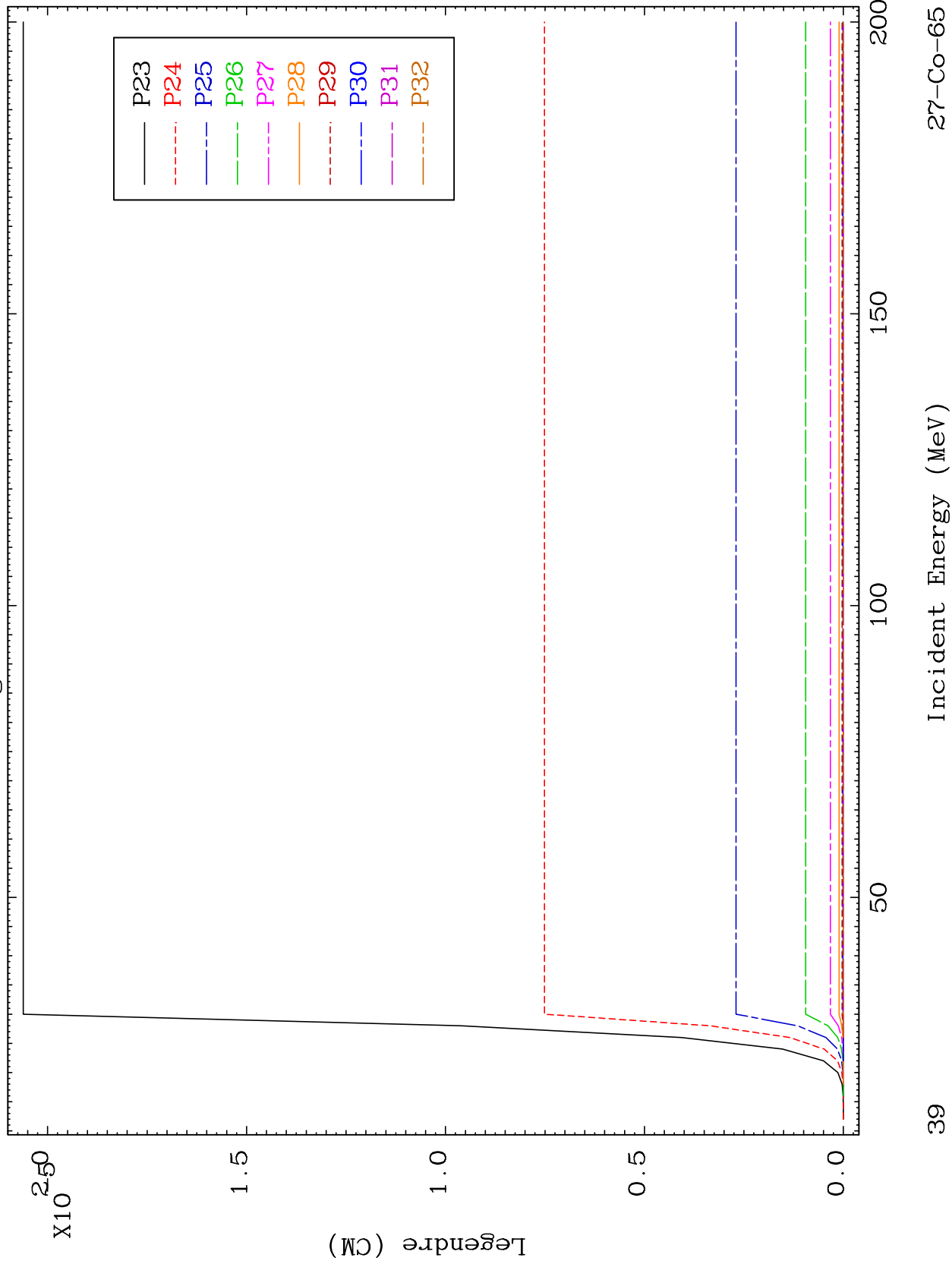
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



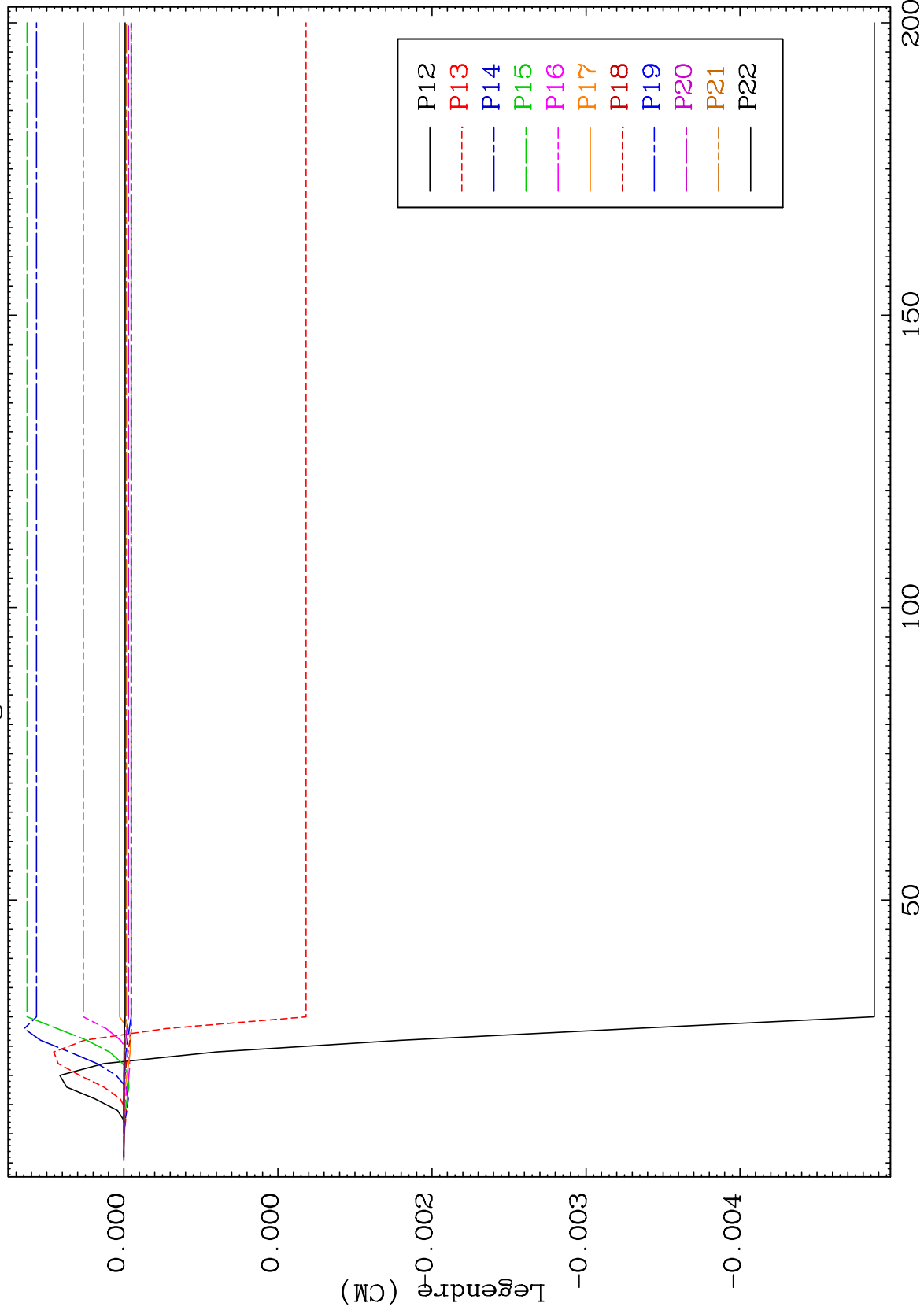
39

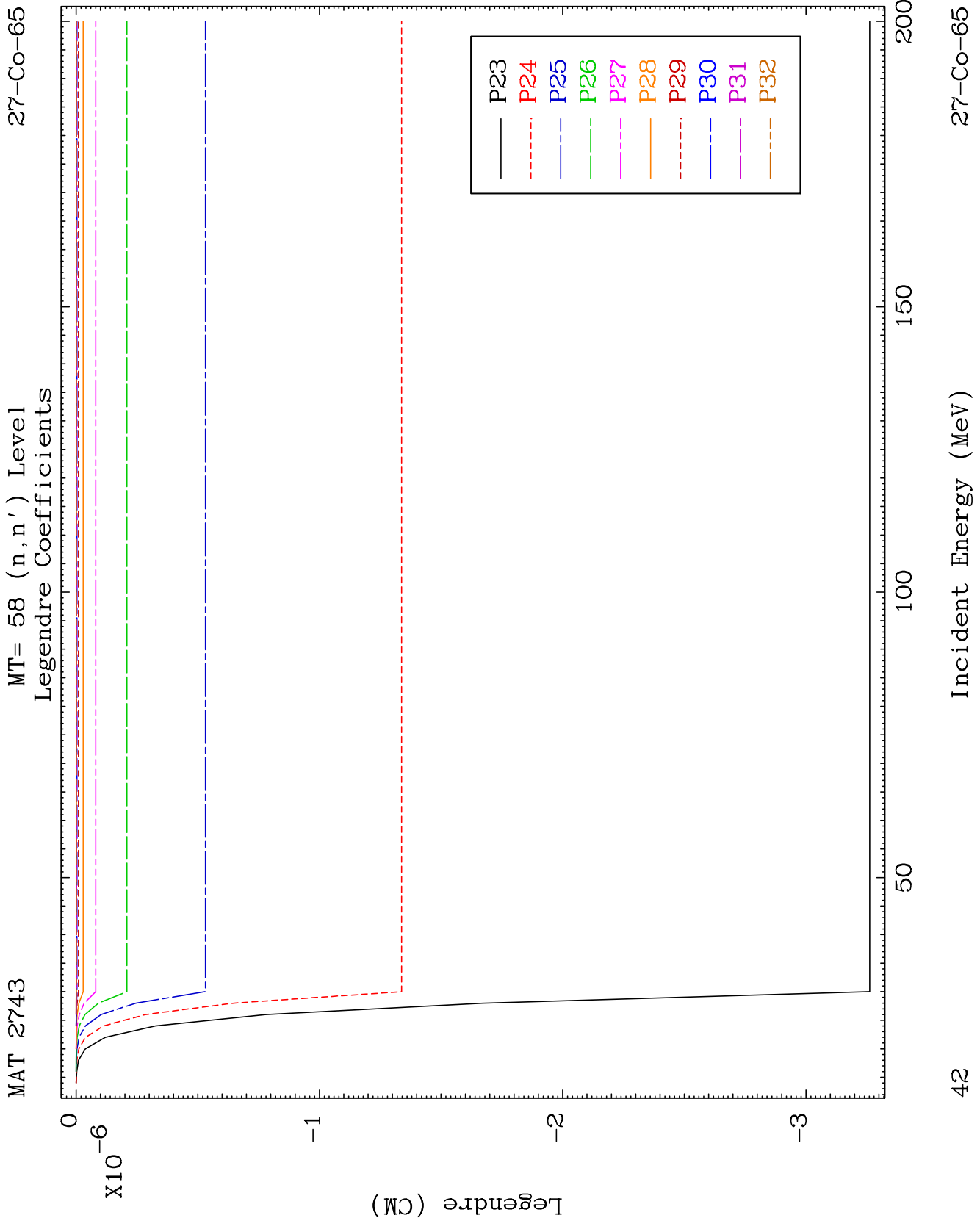
27-Co-65

MAT 2743

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

27-Co-65

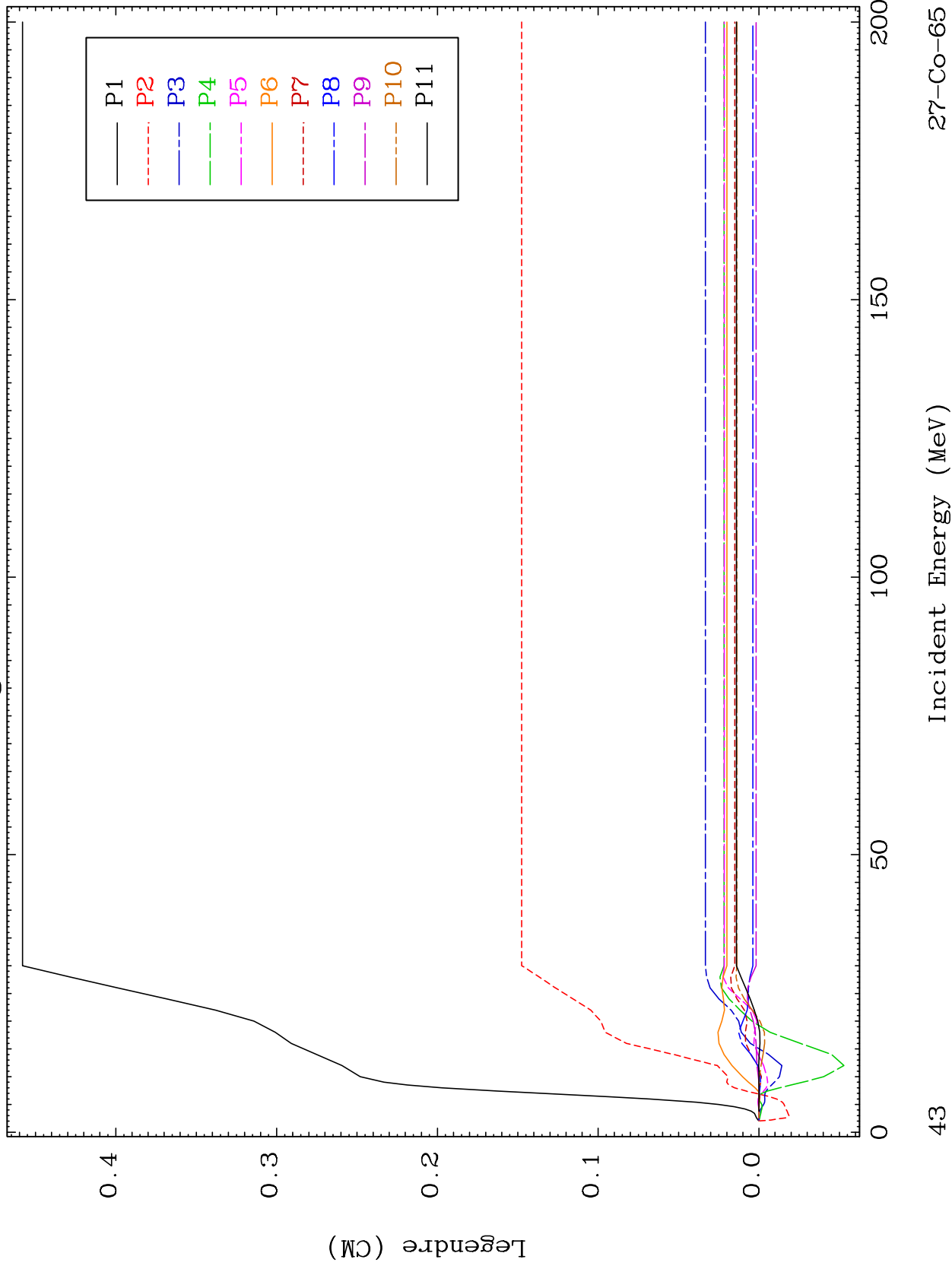




MAT 2743

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

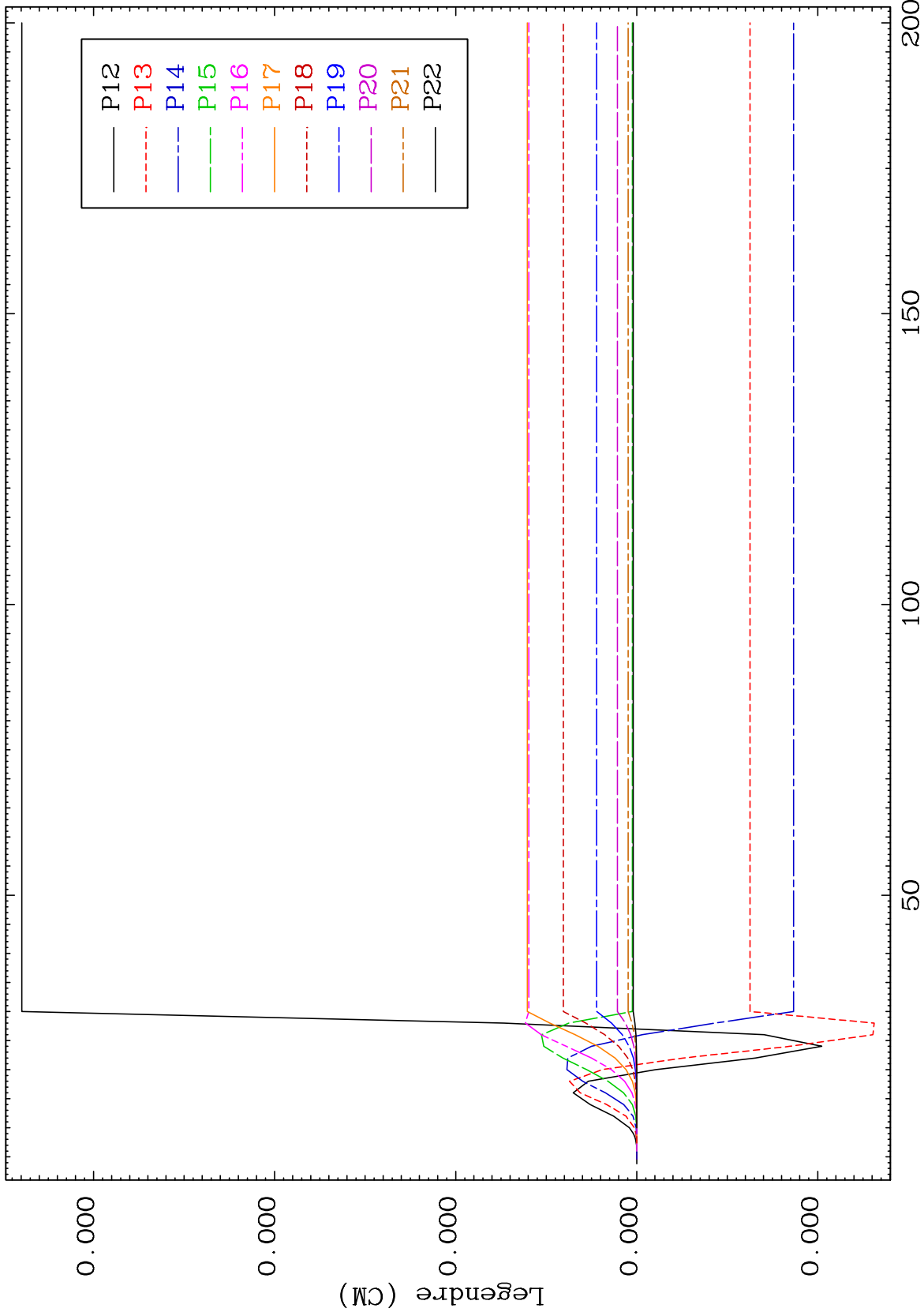
27-Co-65



MAT 2743

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

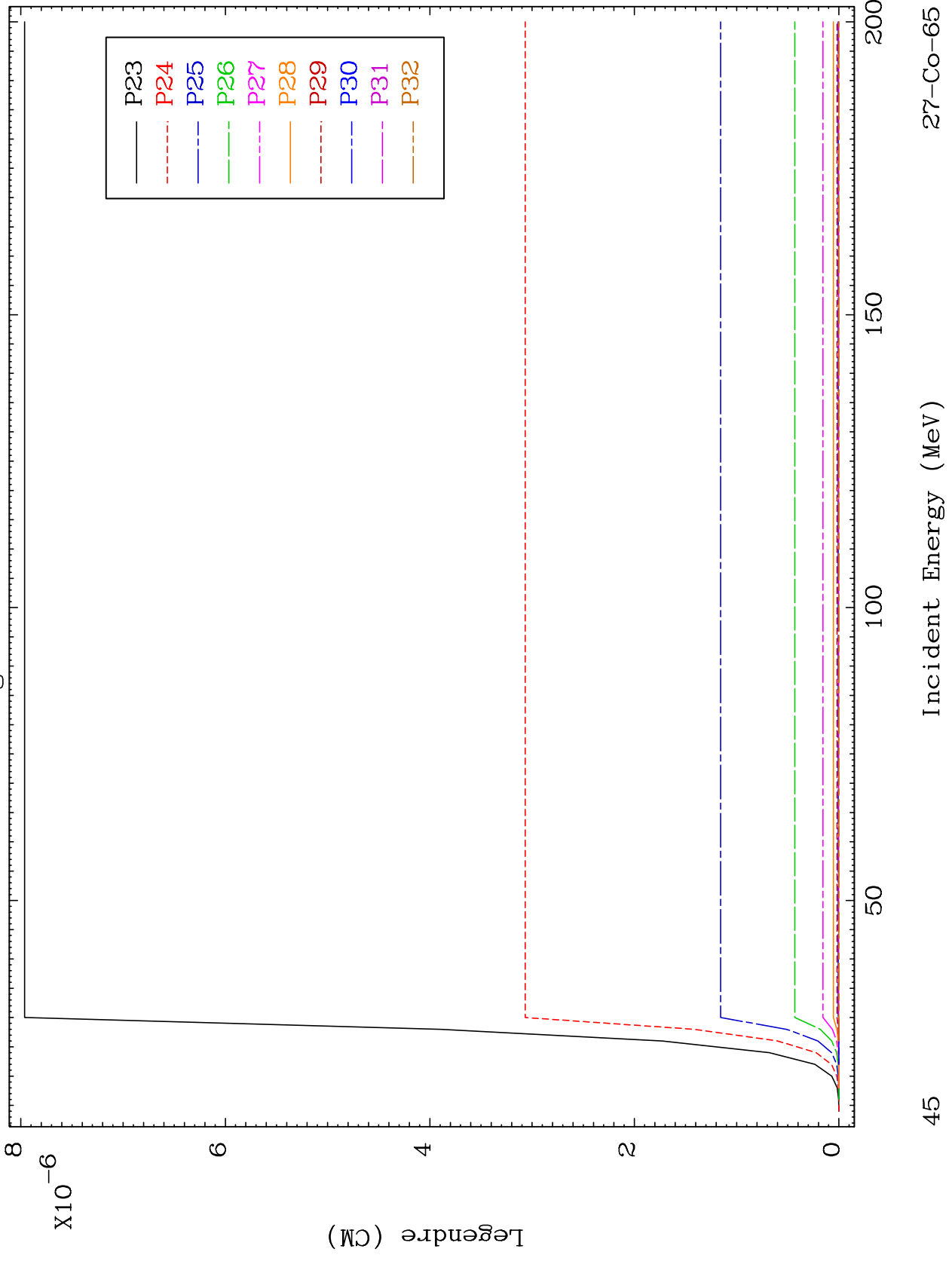
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MAT 2743

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

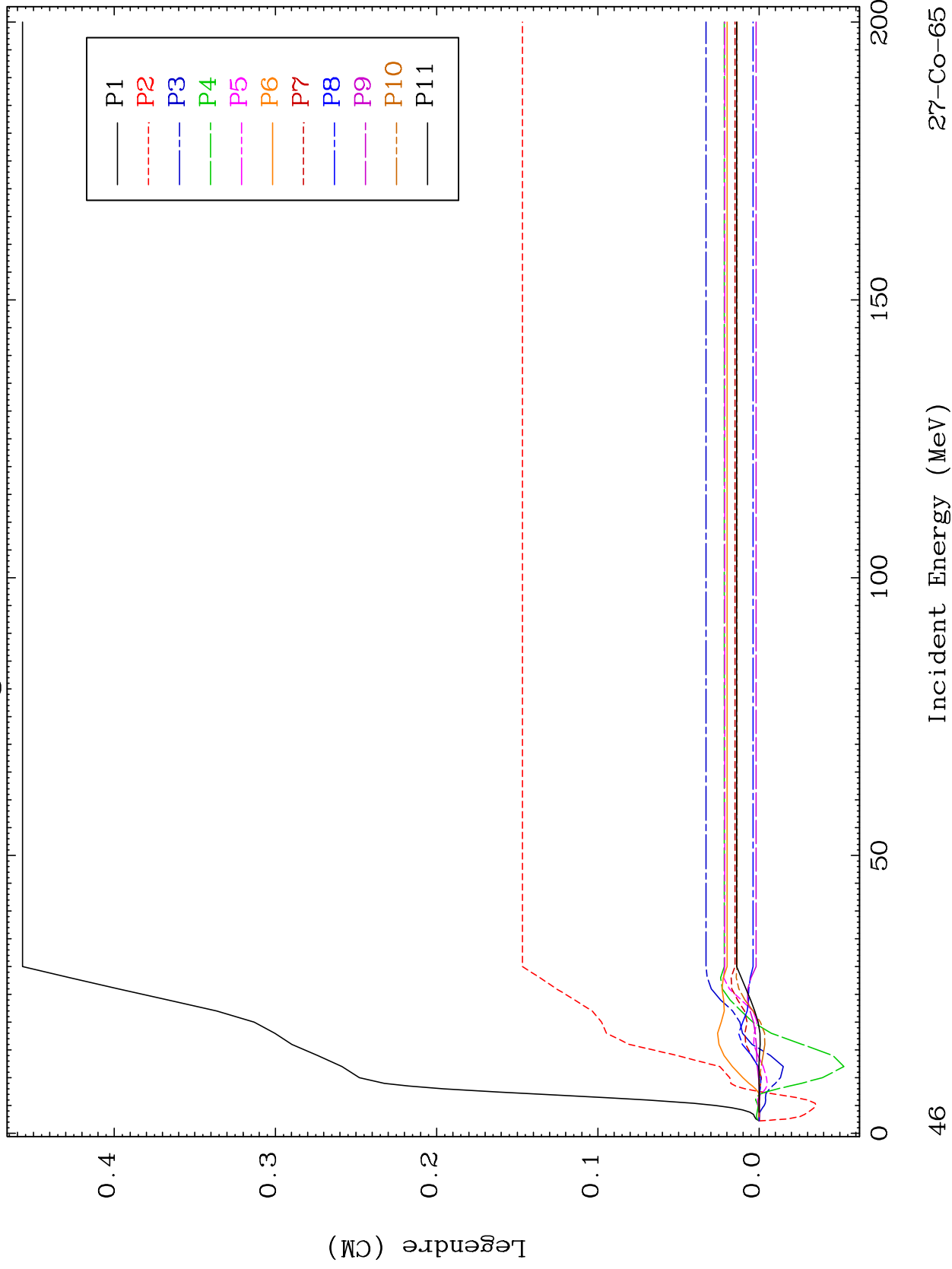
27-Co-65



MAT 2743

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

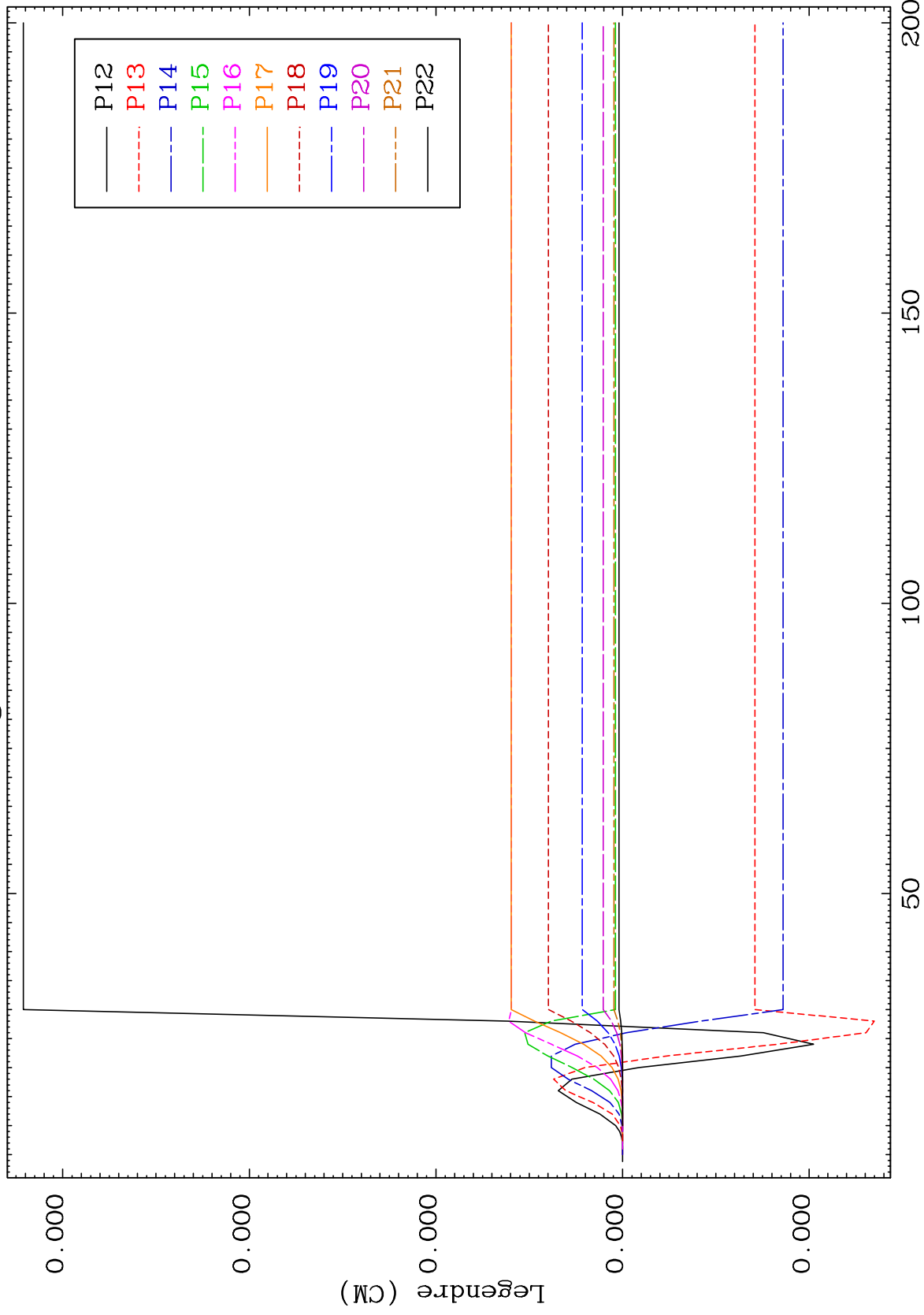
27-Co-65



MAT 2743

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

27-Co-65



47

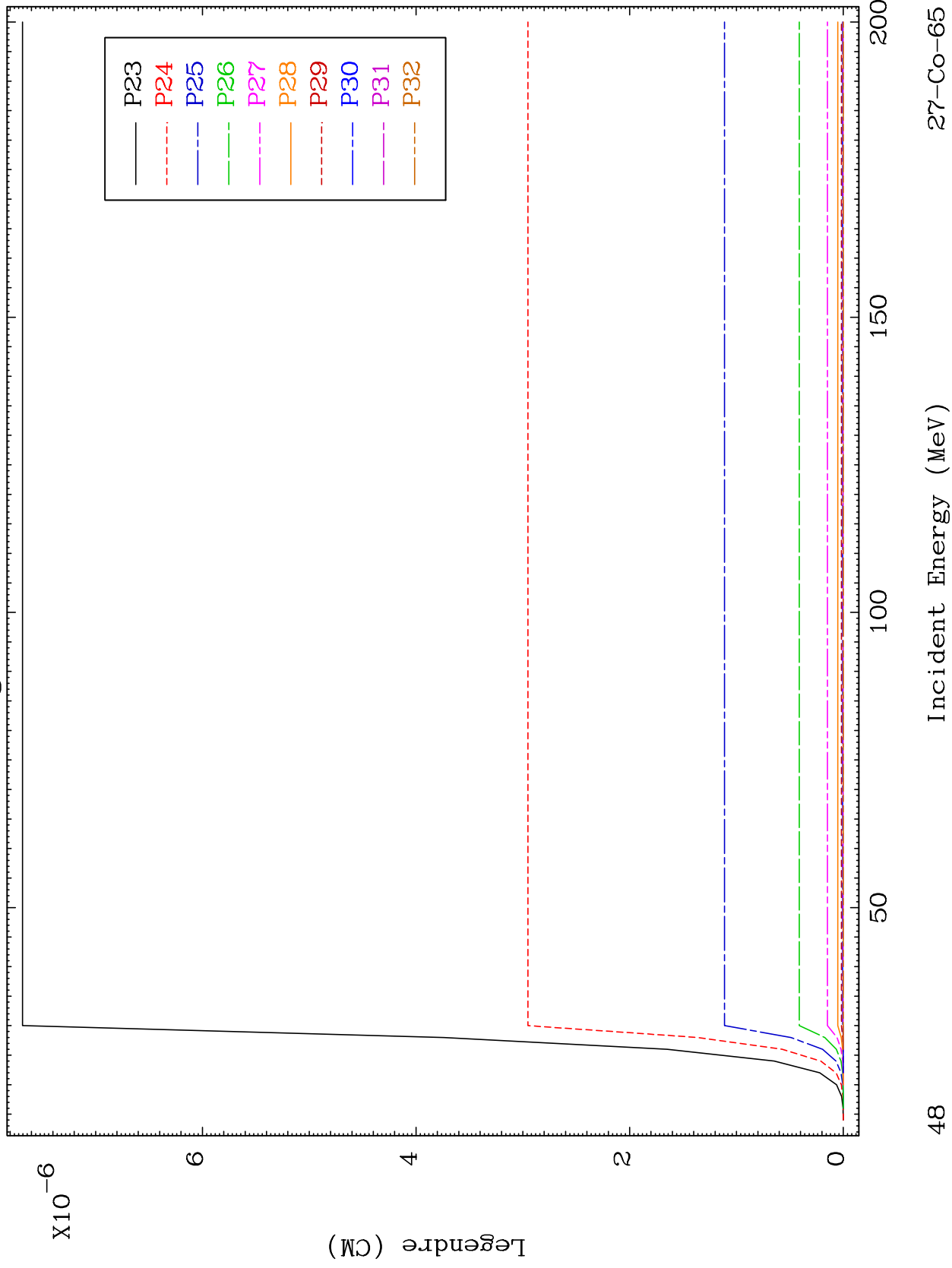
Incident Energy (MeV)

27-Co-65

MAT 2743

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

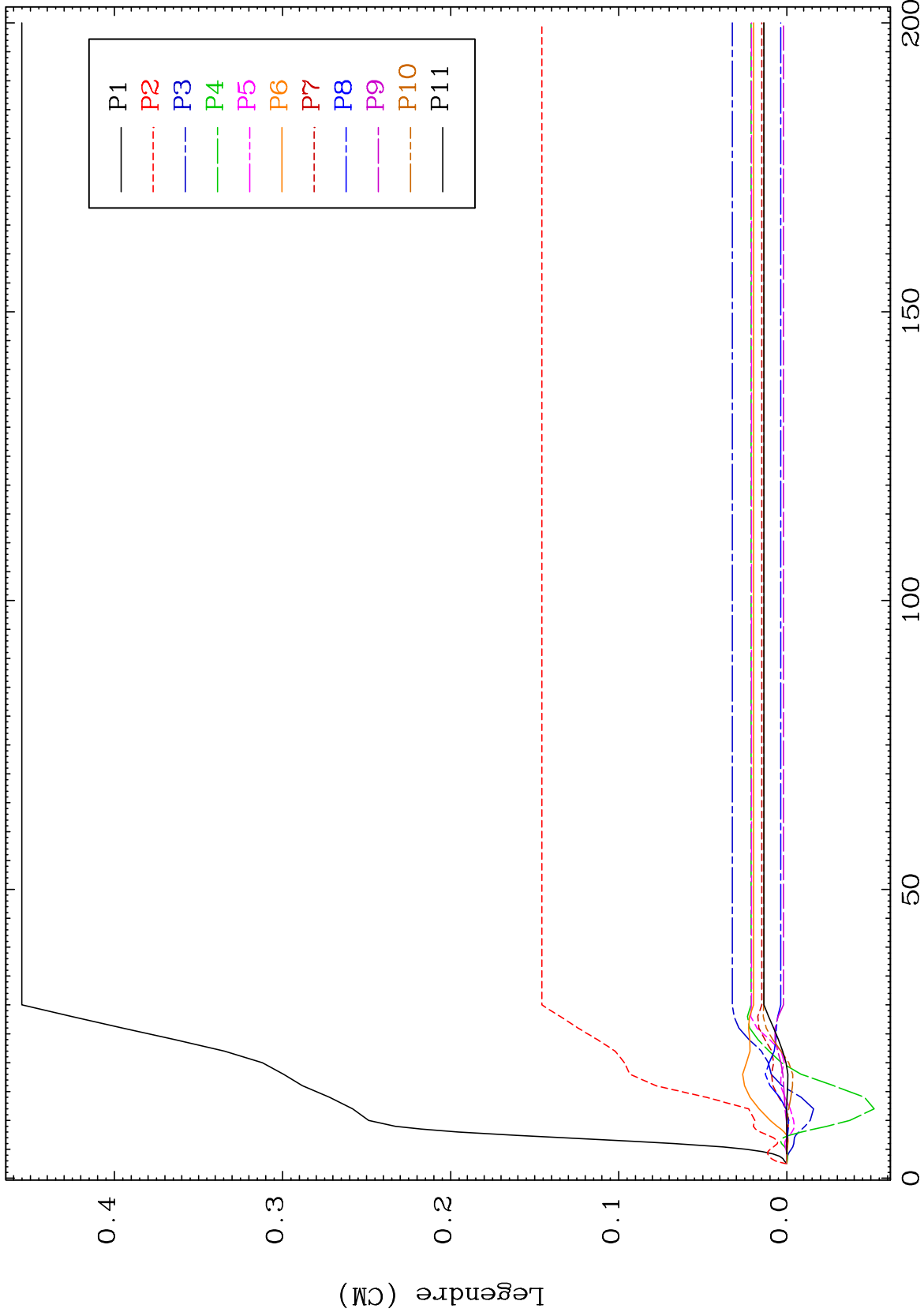
27-Co-65



MAT 2743

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

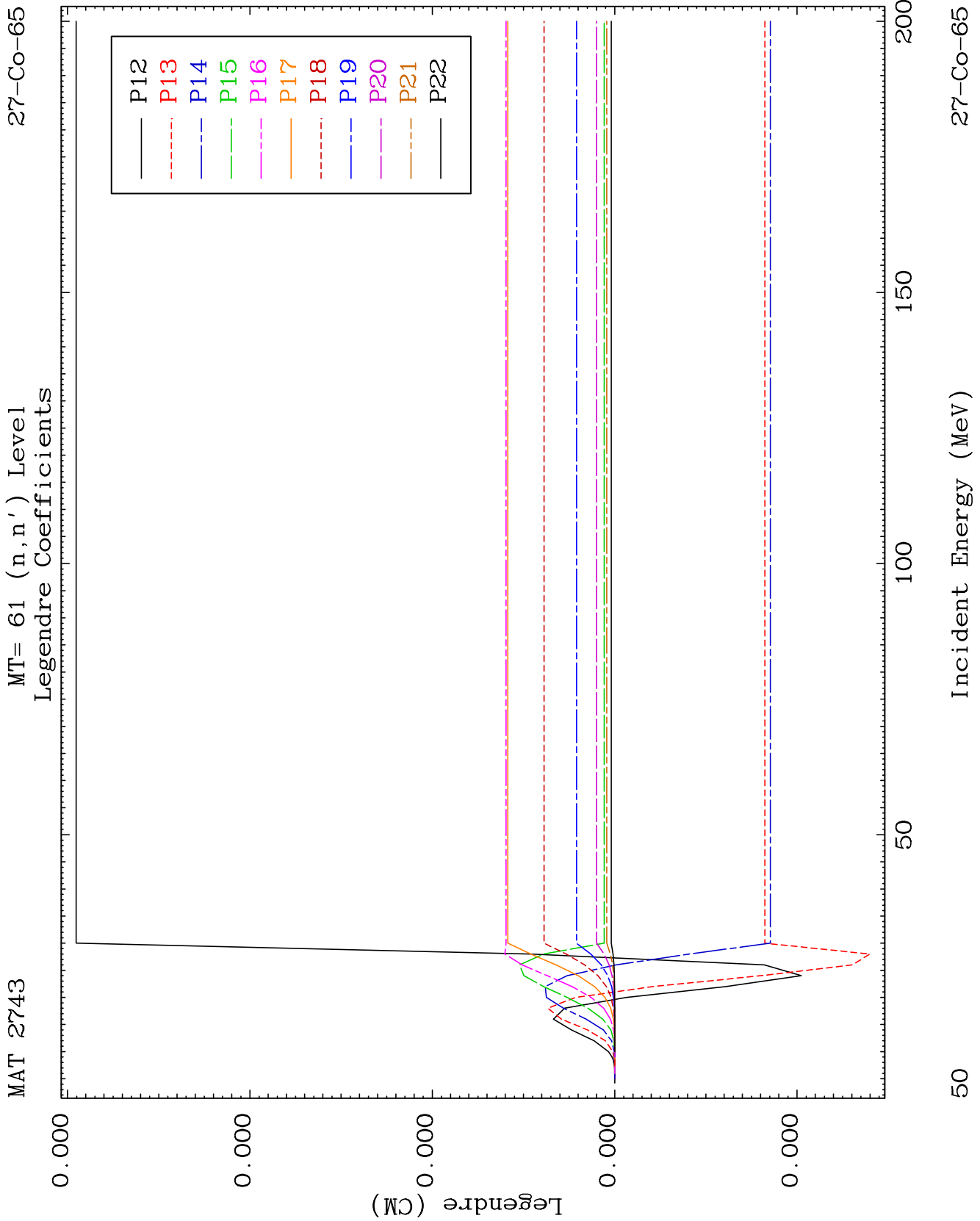
27-Co-65



49

Incident Energy (MeV)

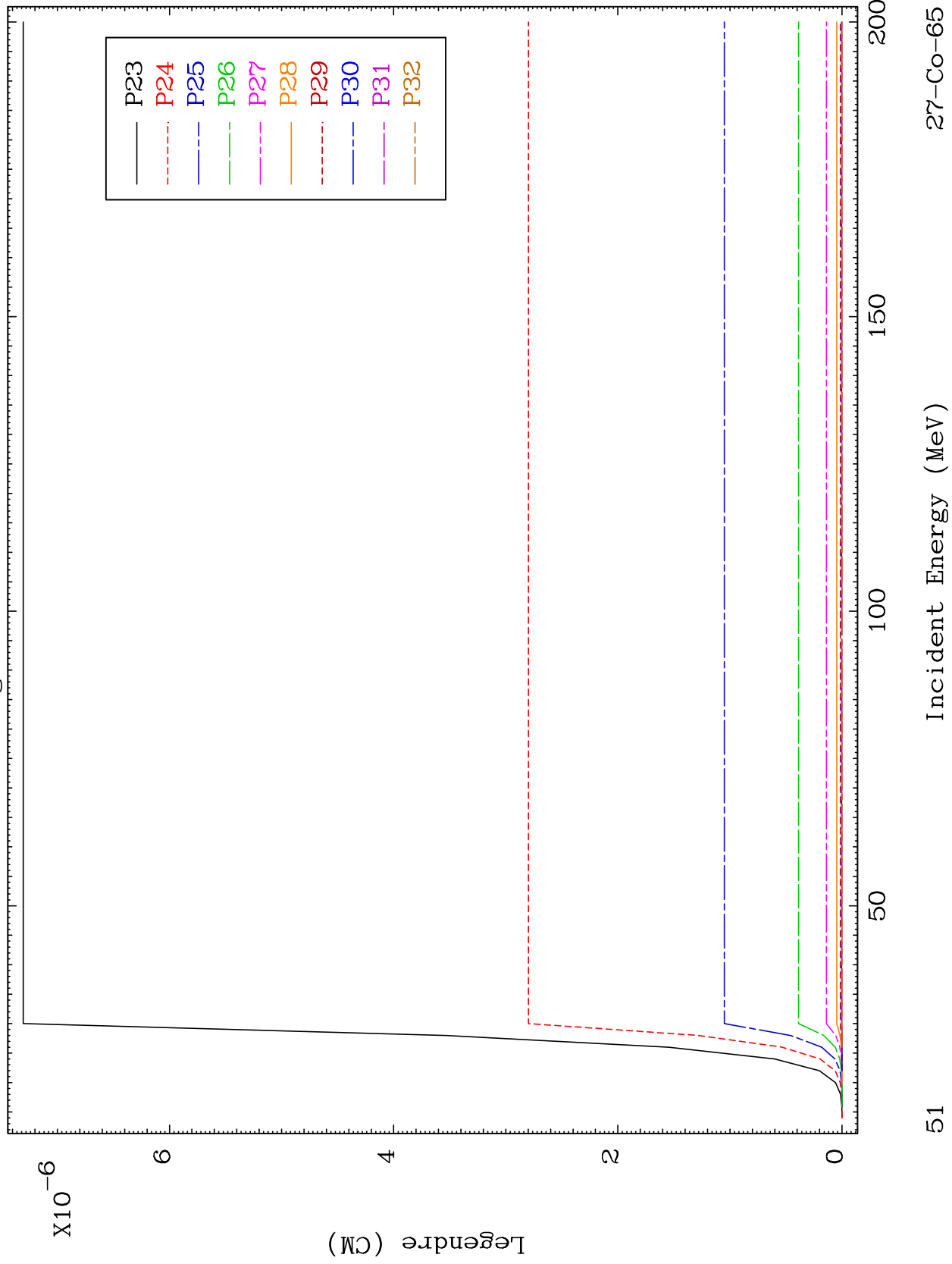
27-Co-65



MAT 2743

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

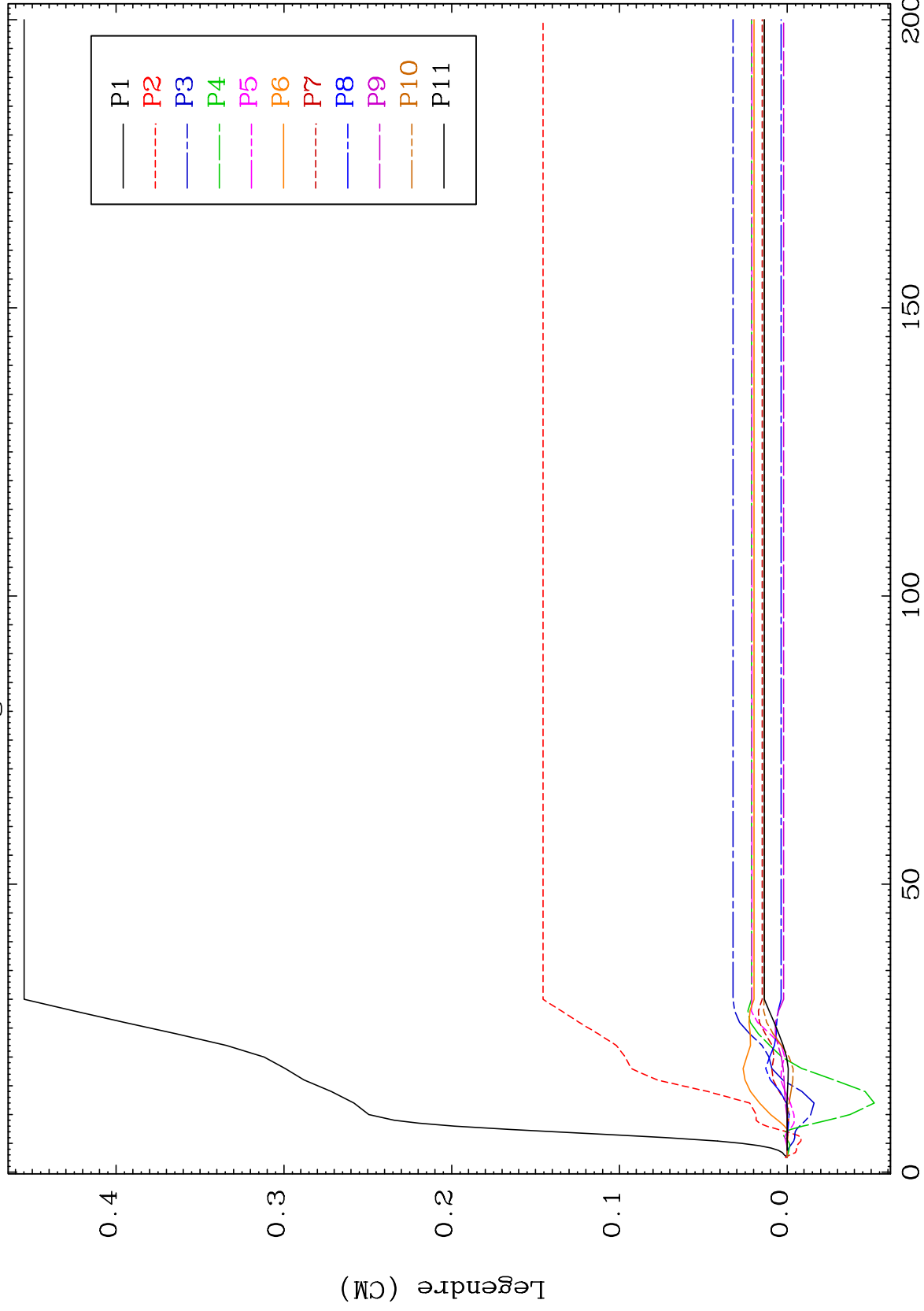
27-Co-65



MAT 2743

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

27-Co-65



52

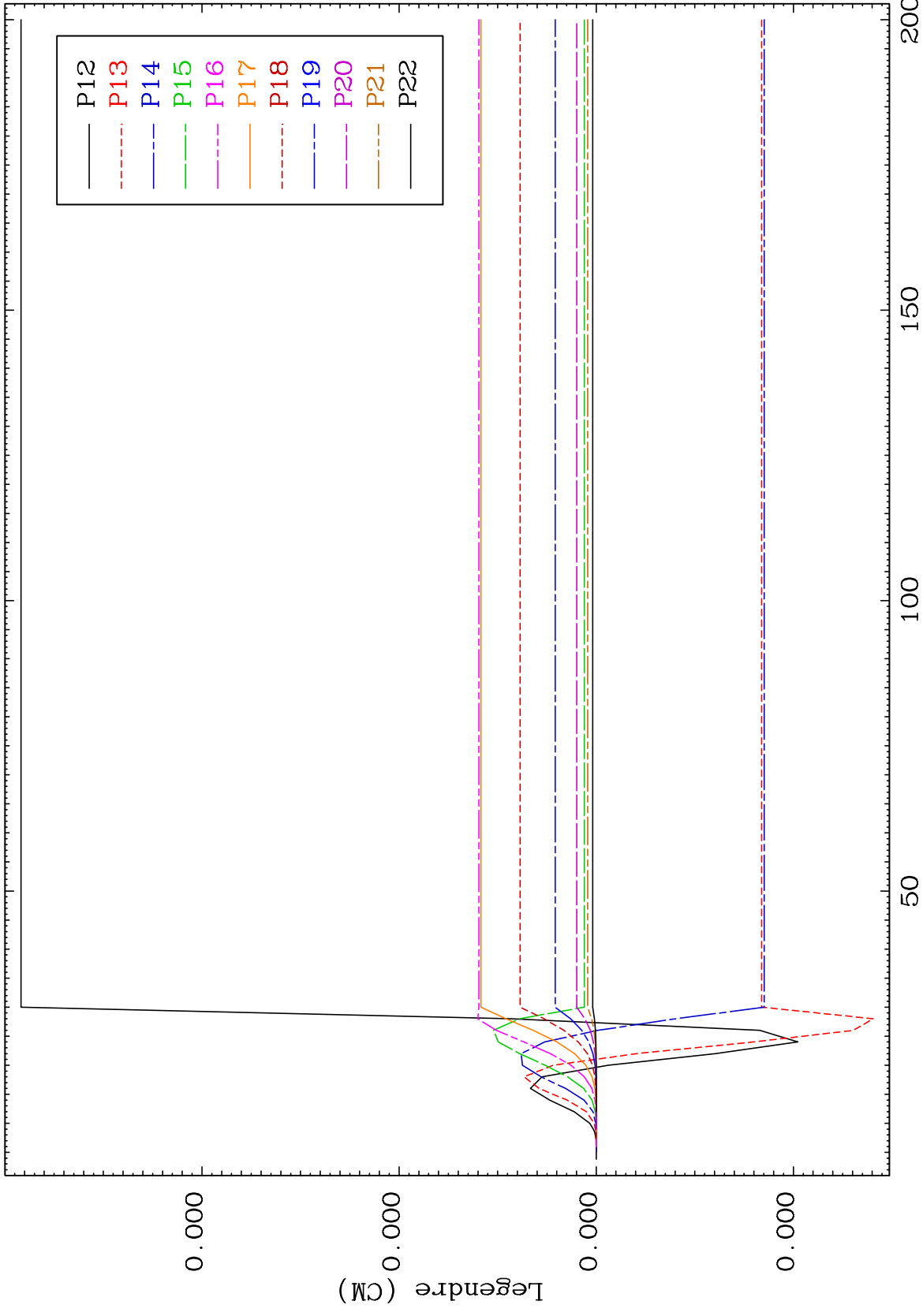
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



53

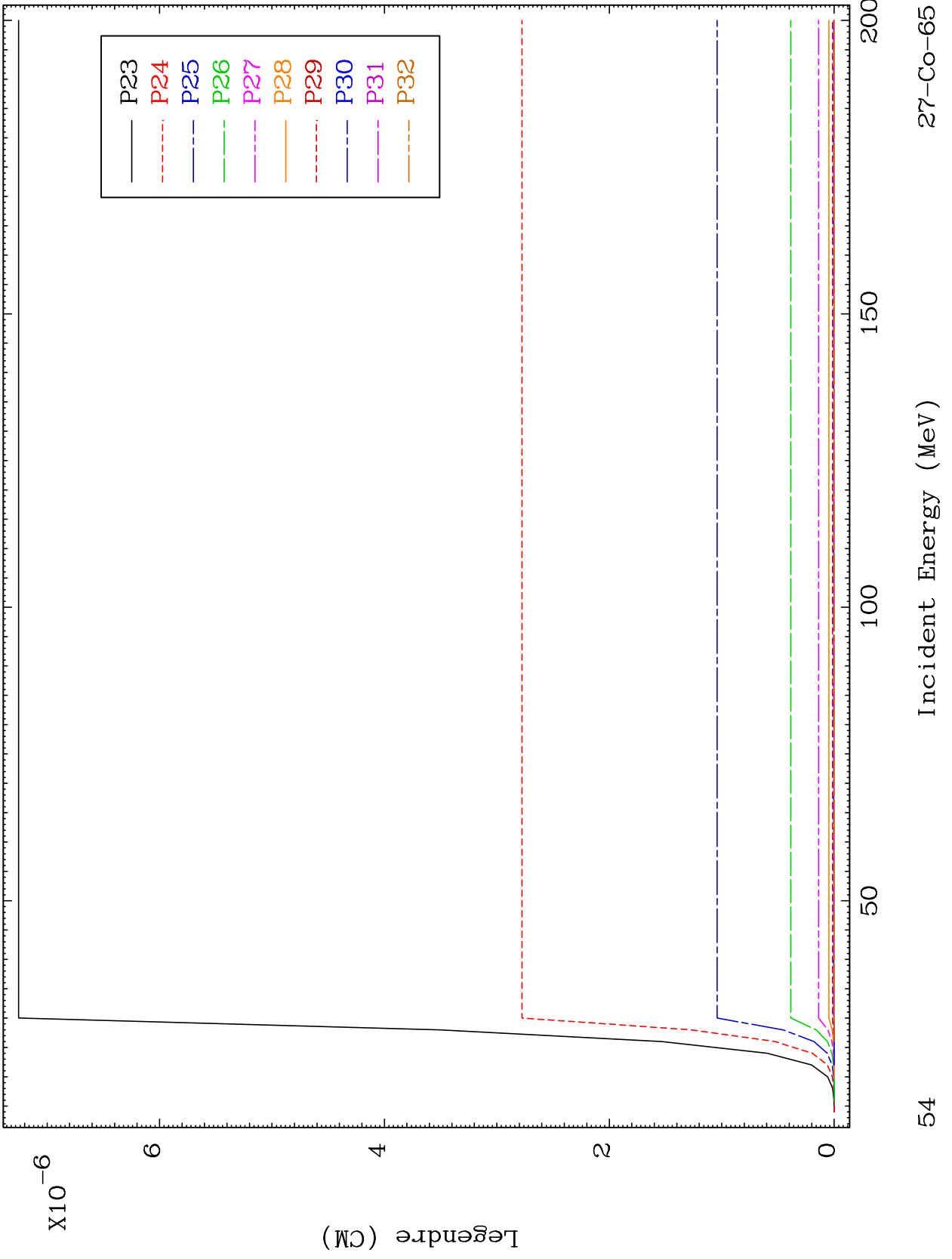
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



54

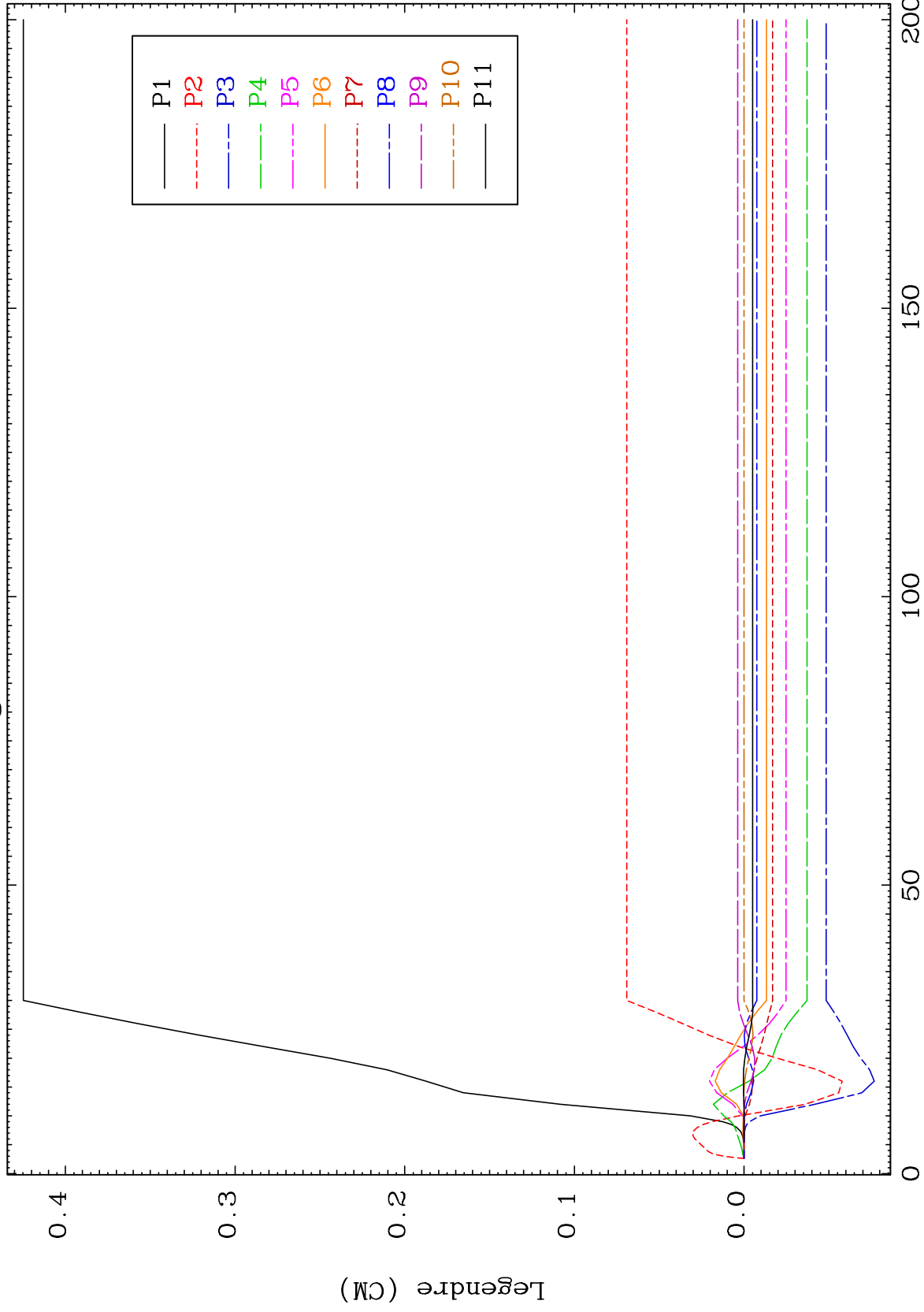
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



55

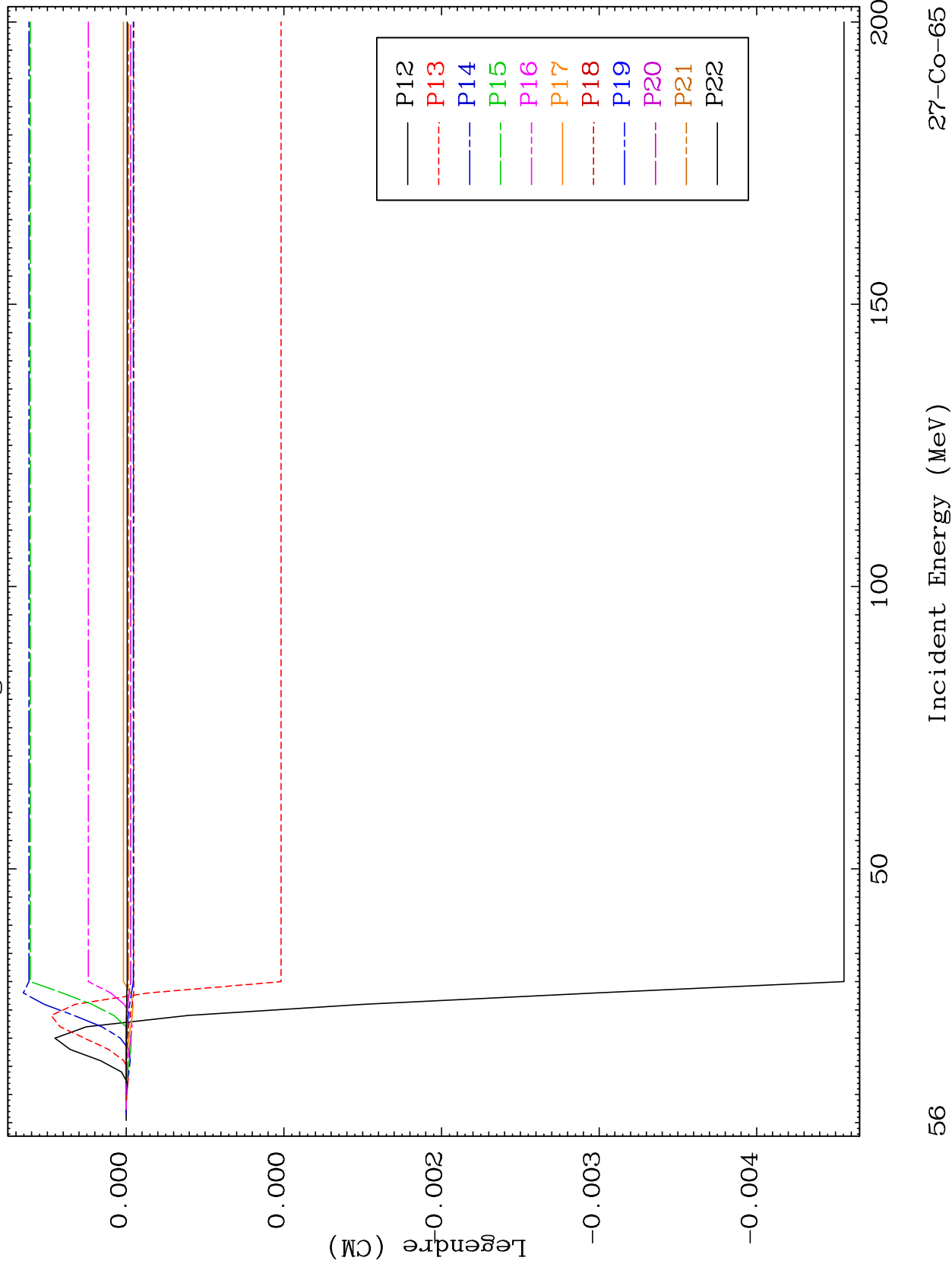
Incident Energy (MeV)

27-Co-65

MAT 2743

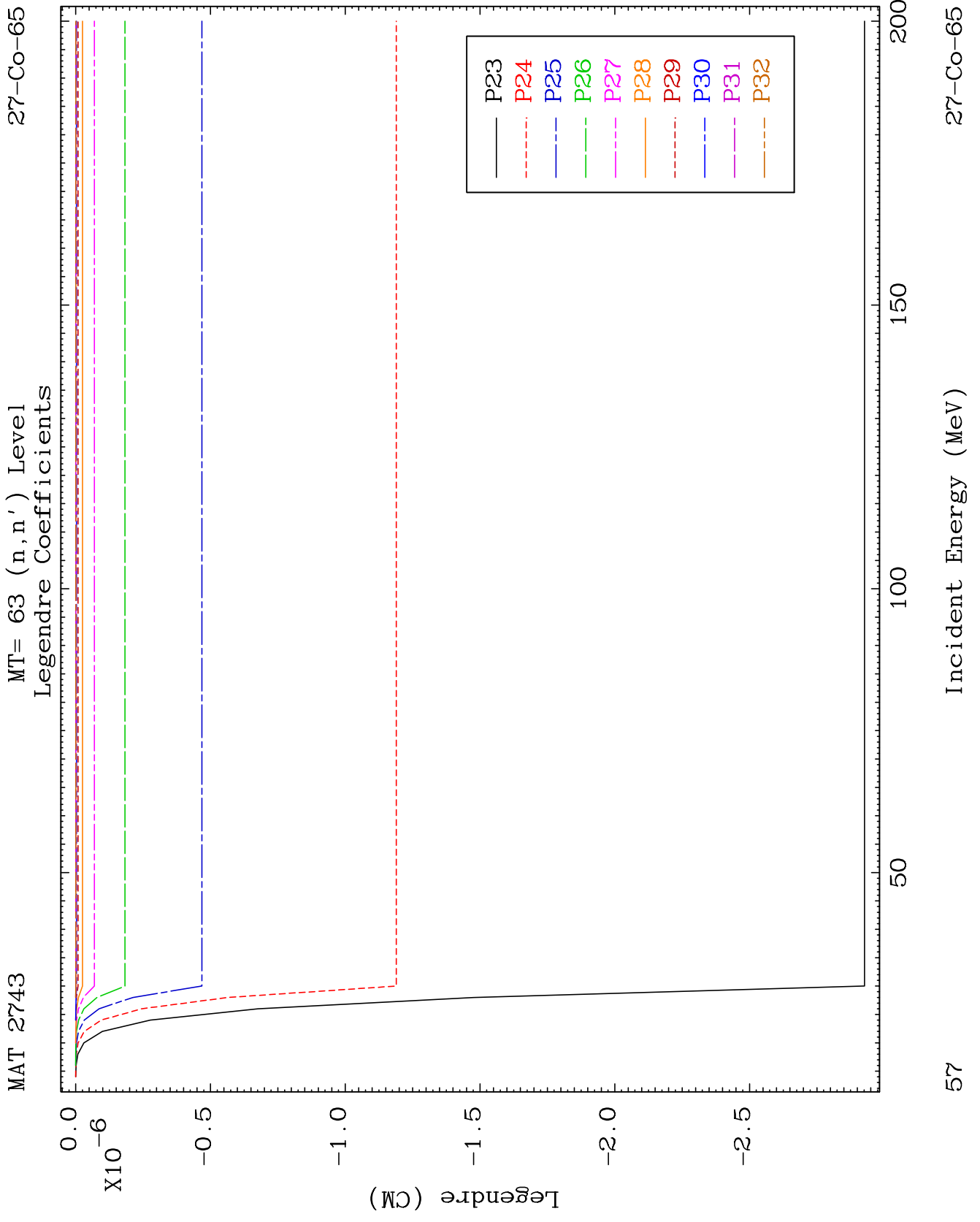
27-Co-65

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



56

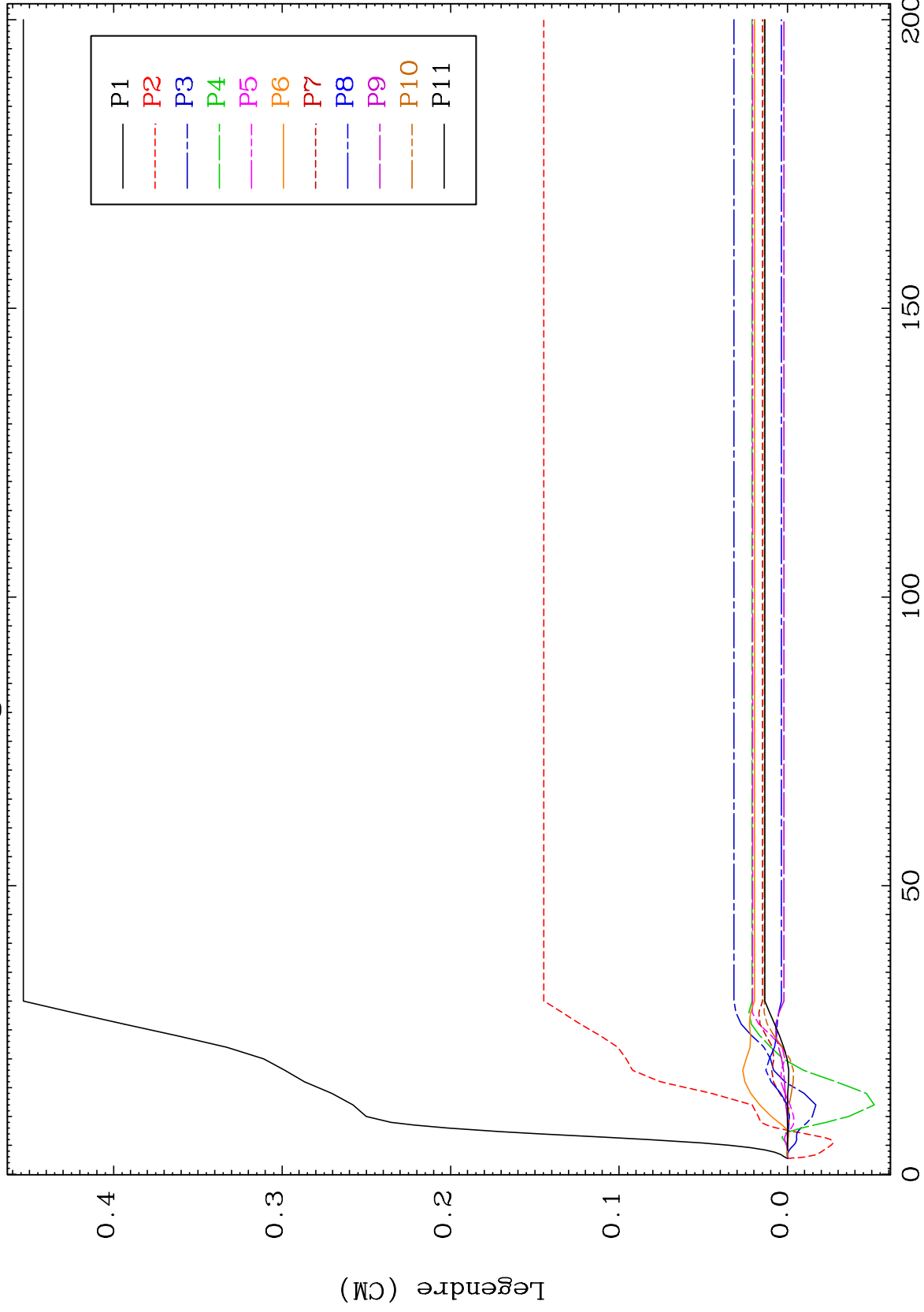
27-Co-65



MAT 2743

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

27-Co-65



58

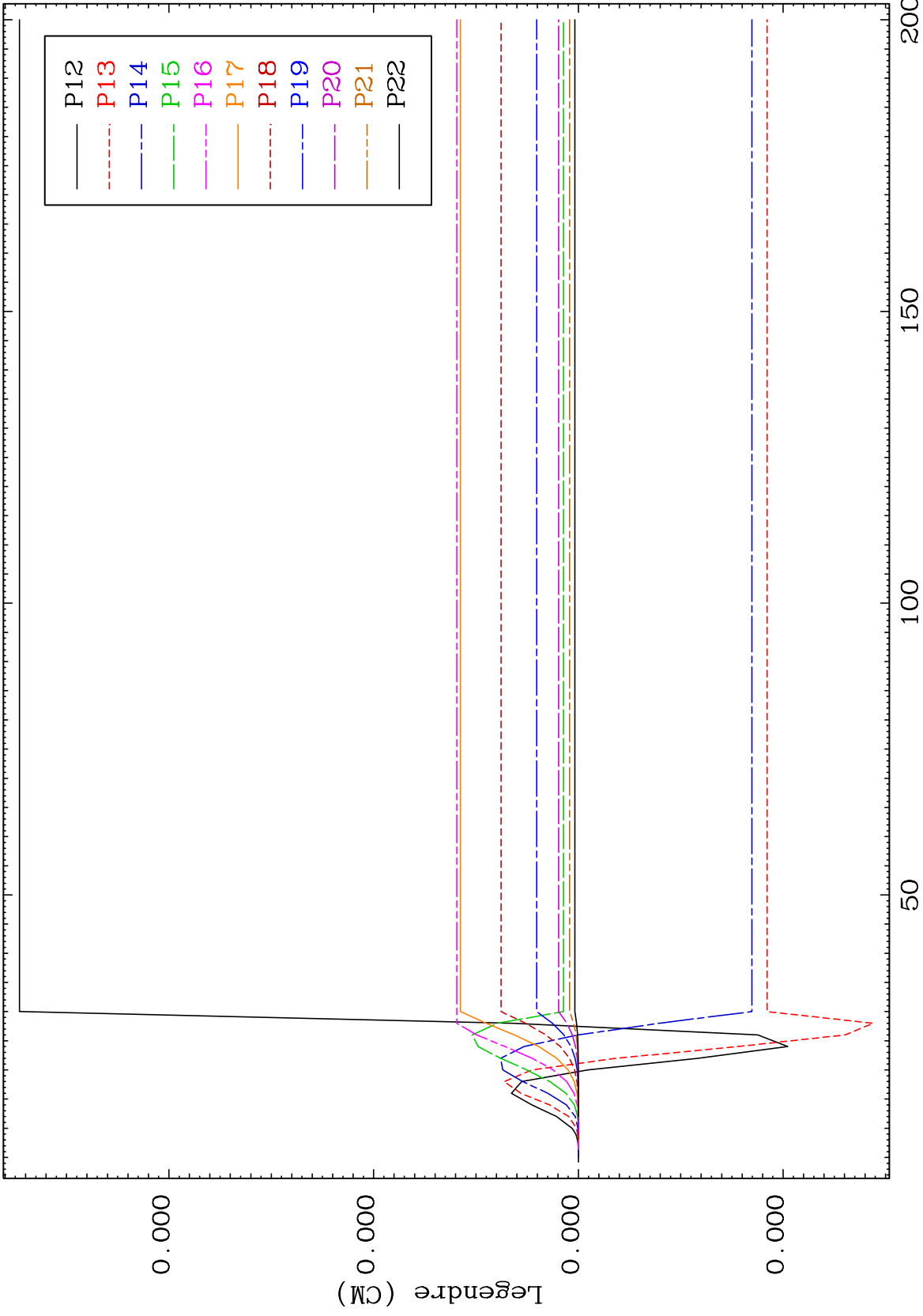
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



59

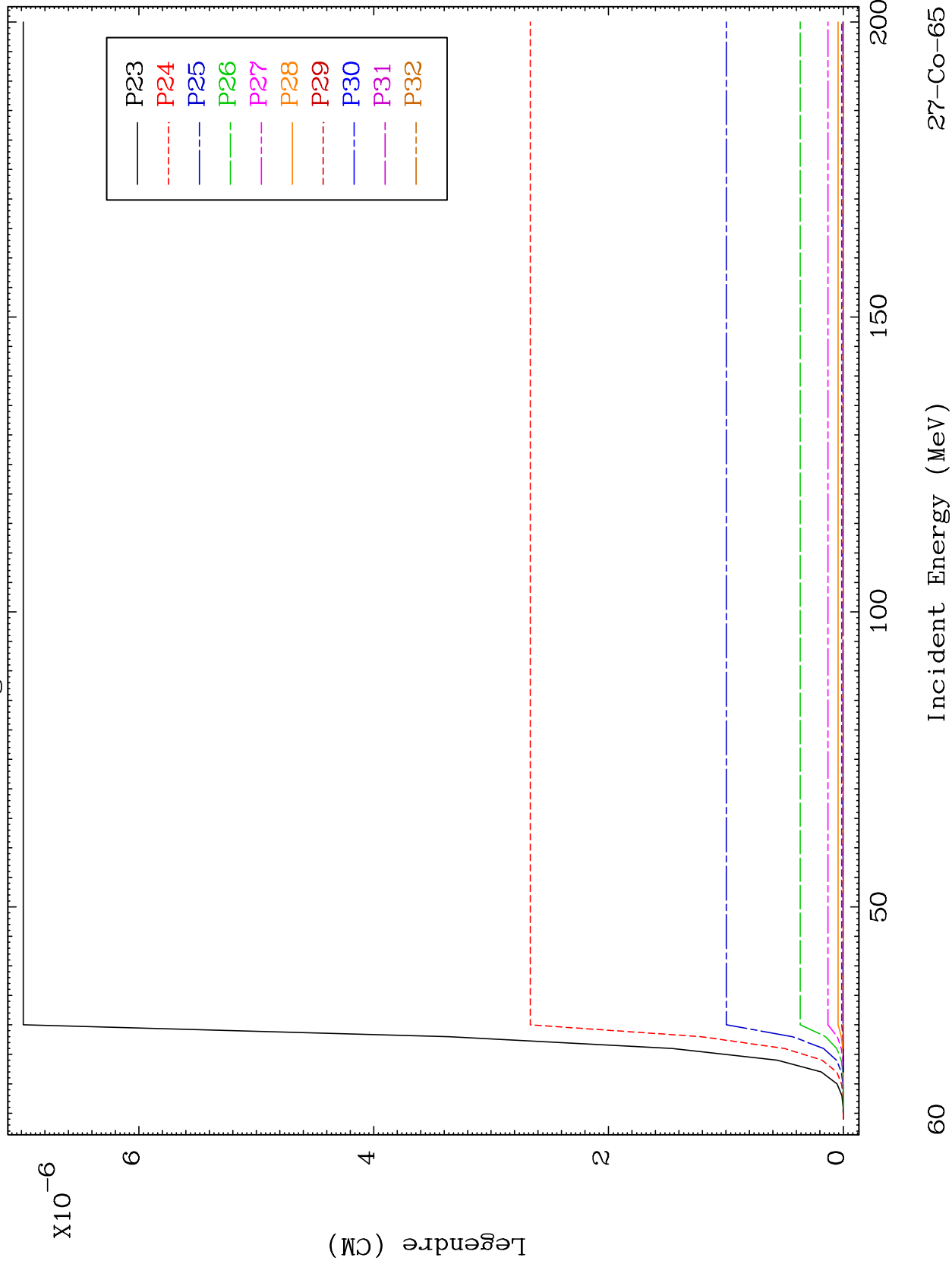
Incident Energy (MeV)

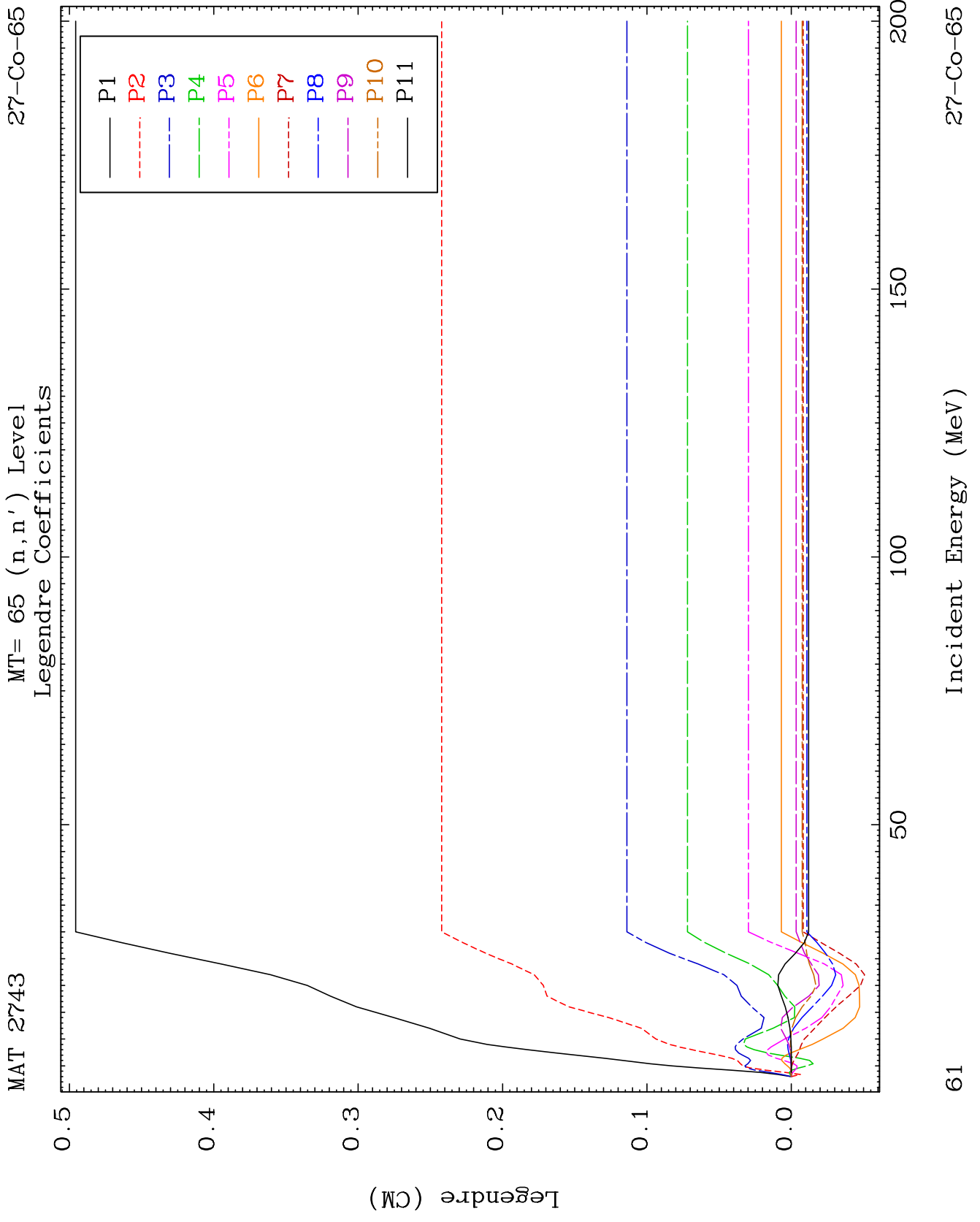
27-Co-65

MAT 2743

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

27-Co-65

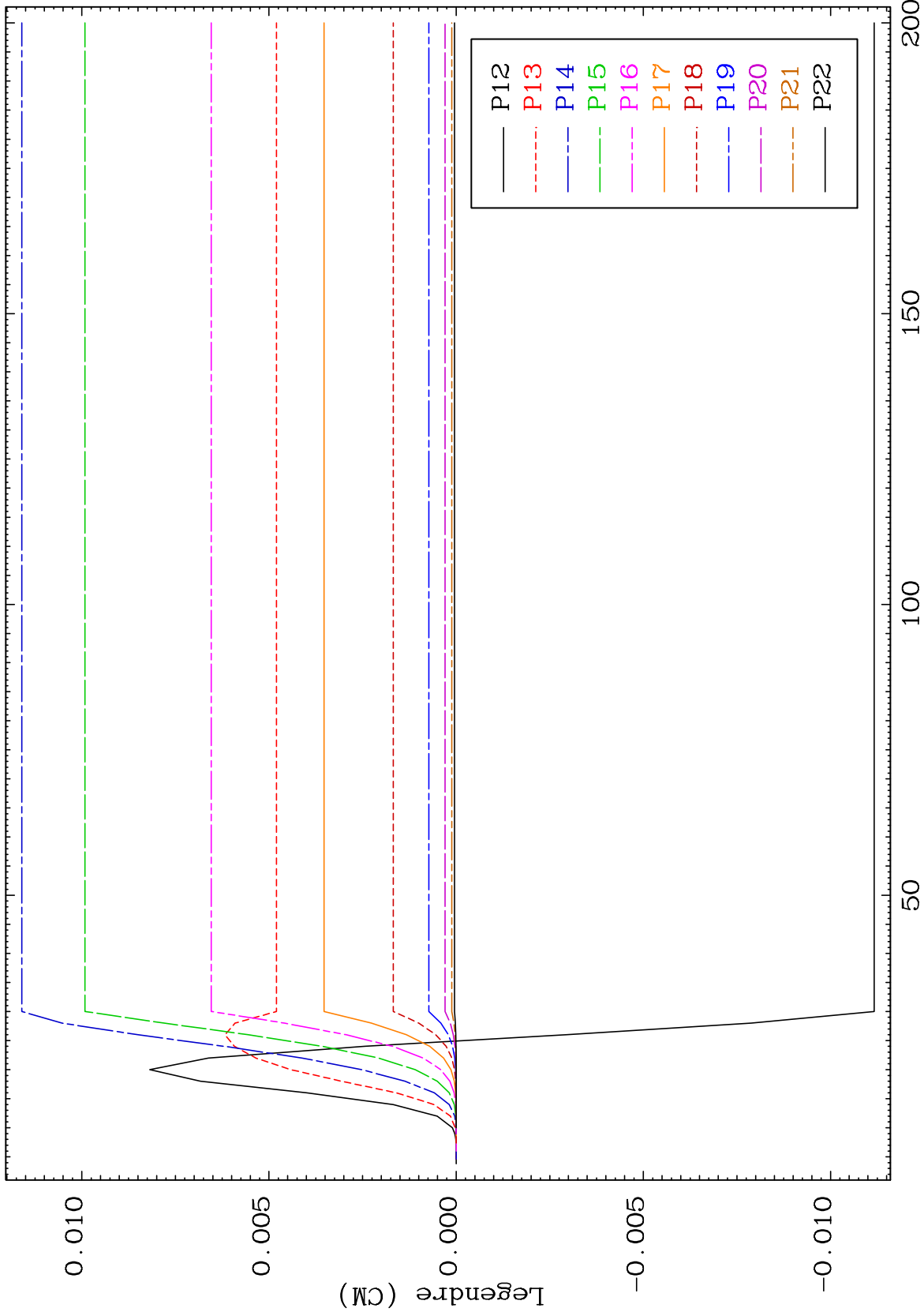




MAT 2743

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

27-Co-65



62

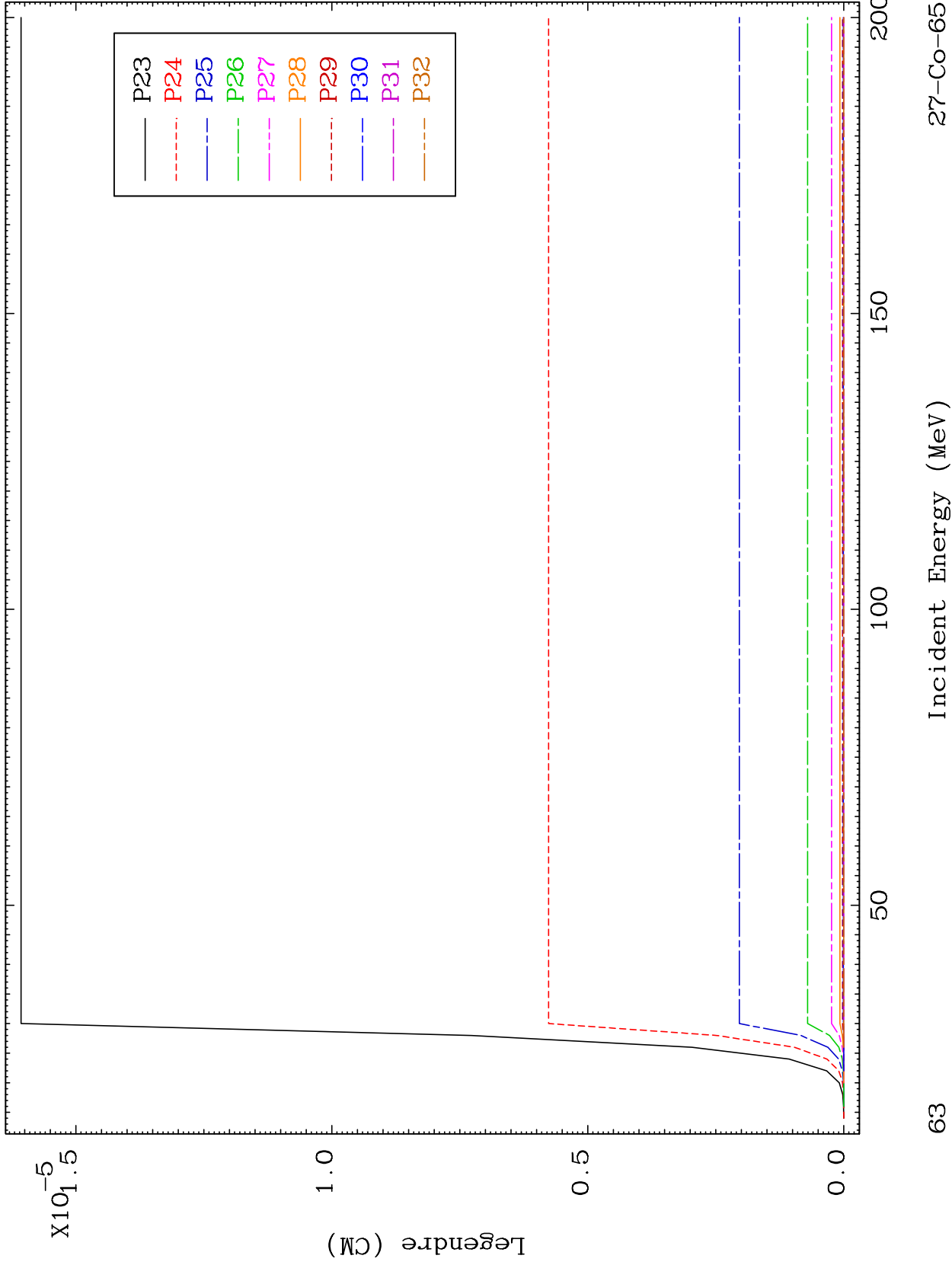
Incident Energy (MeV)

27-Co-65

MAT 2743

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

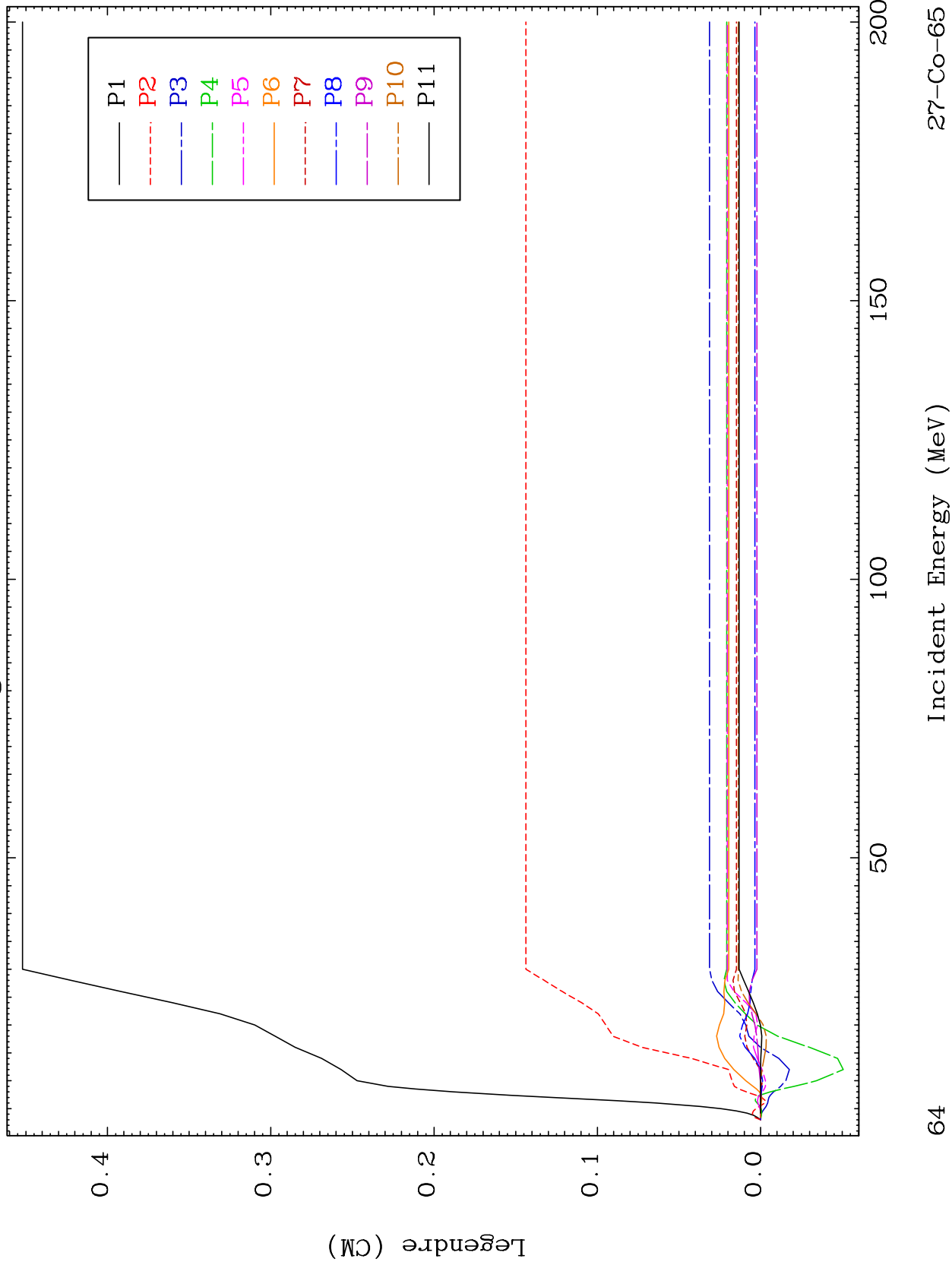
27-Co-65



MAT 2743

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

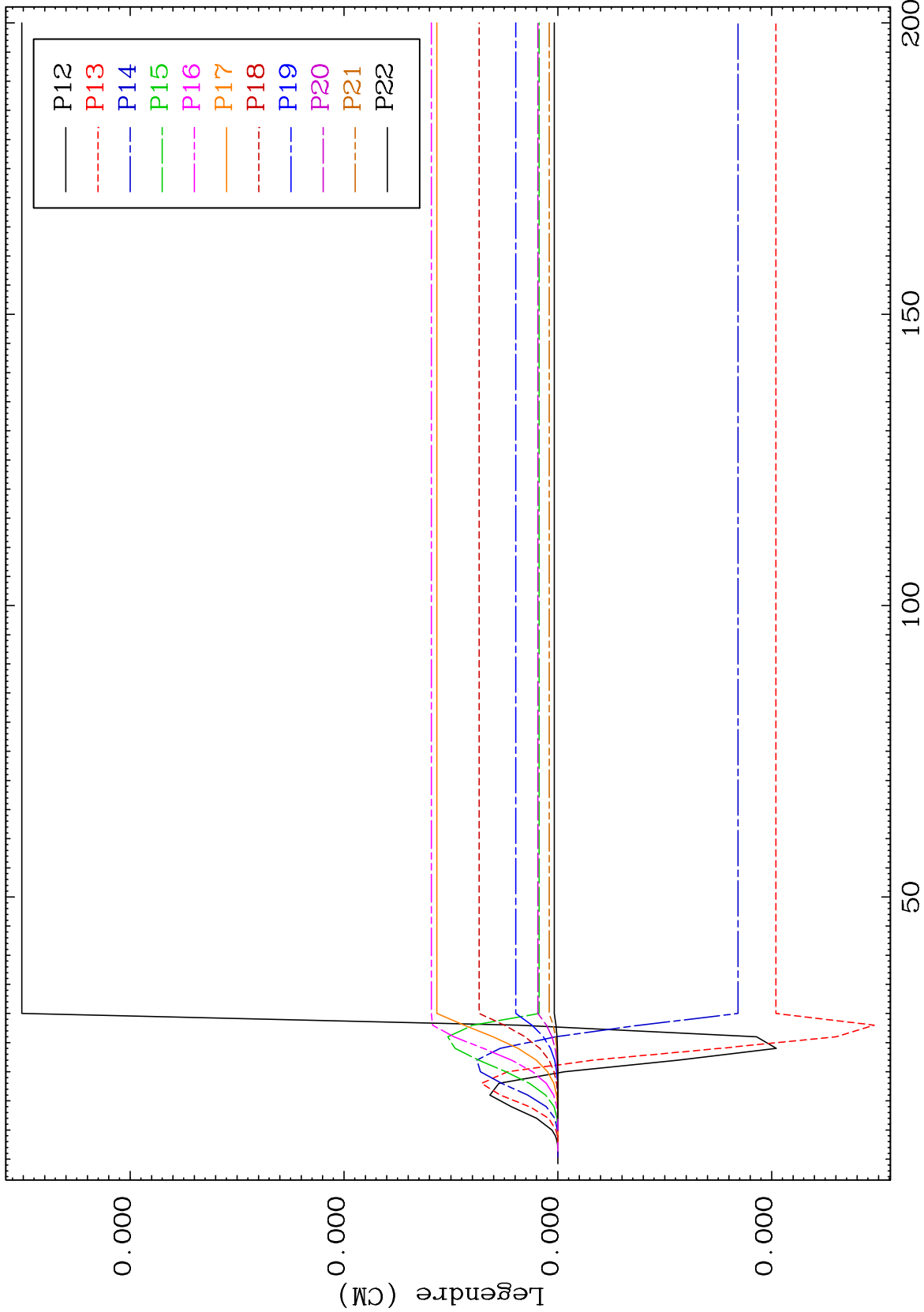
27-Co-65



MAT 2743

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

27-Co-65



65

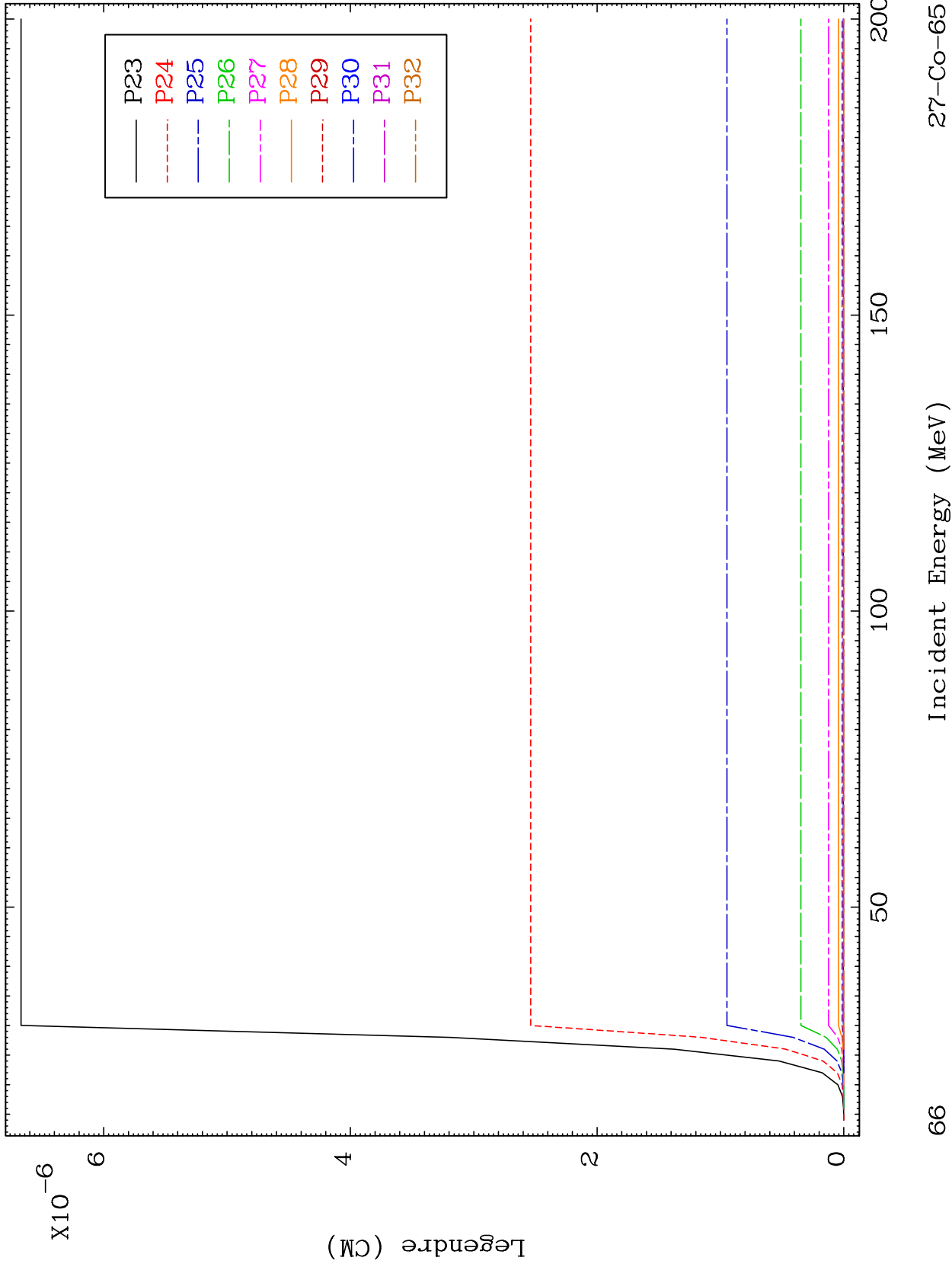
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



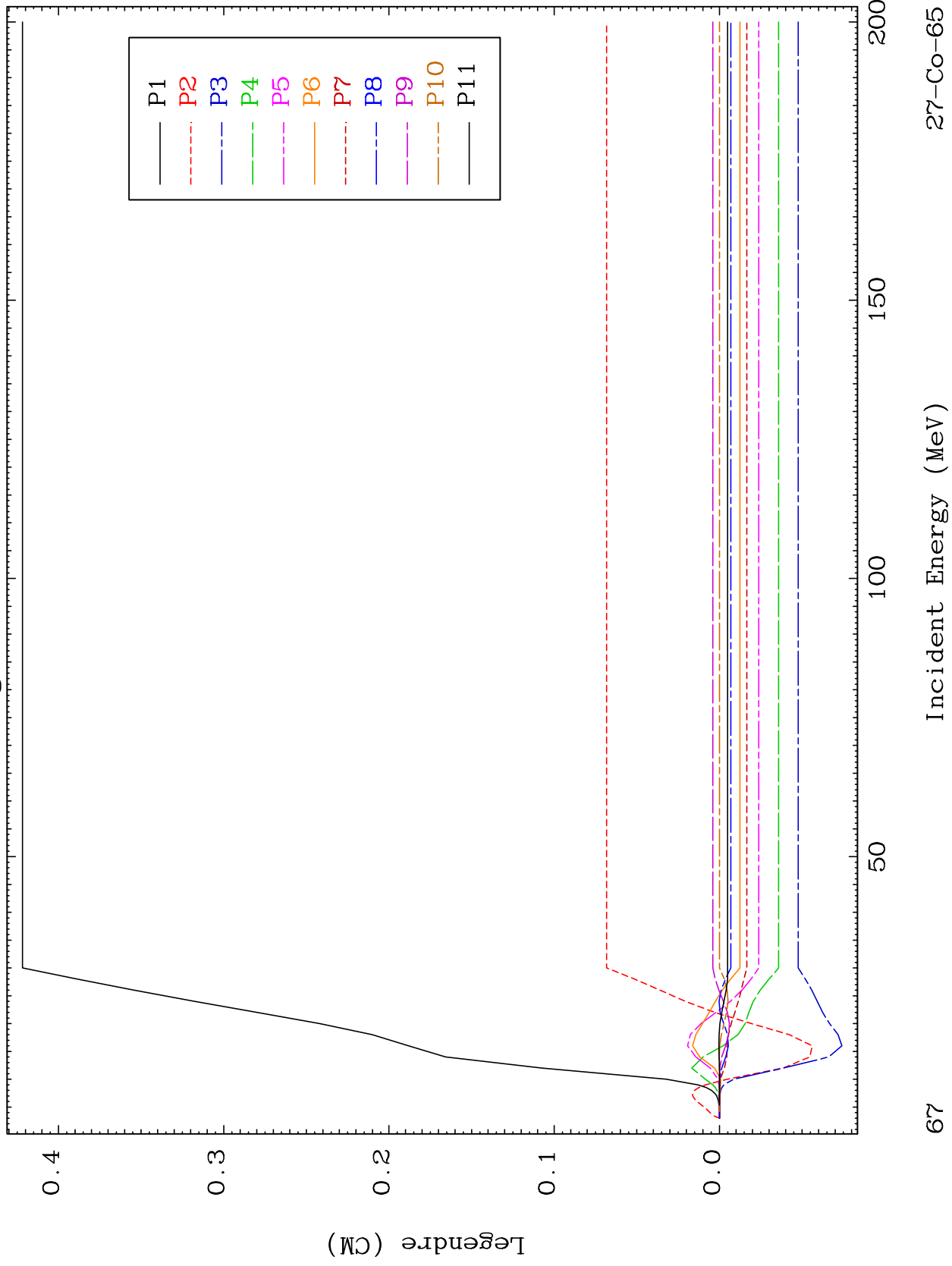
66

27-Co-65

MAT 2743

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

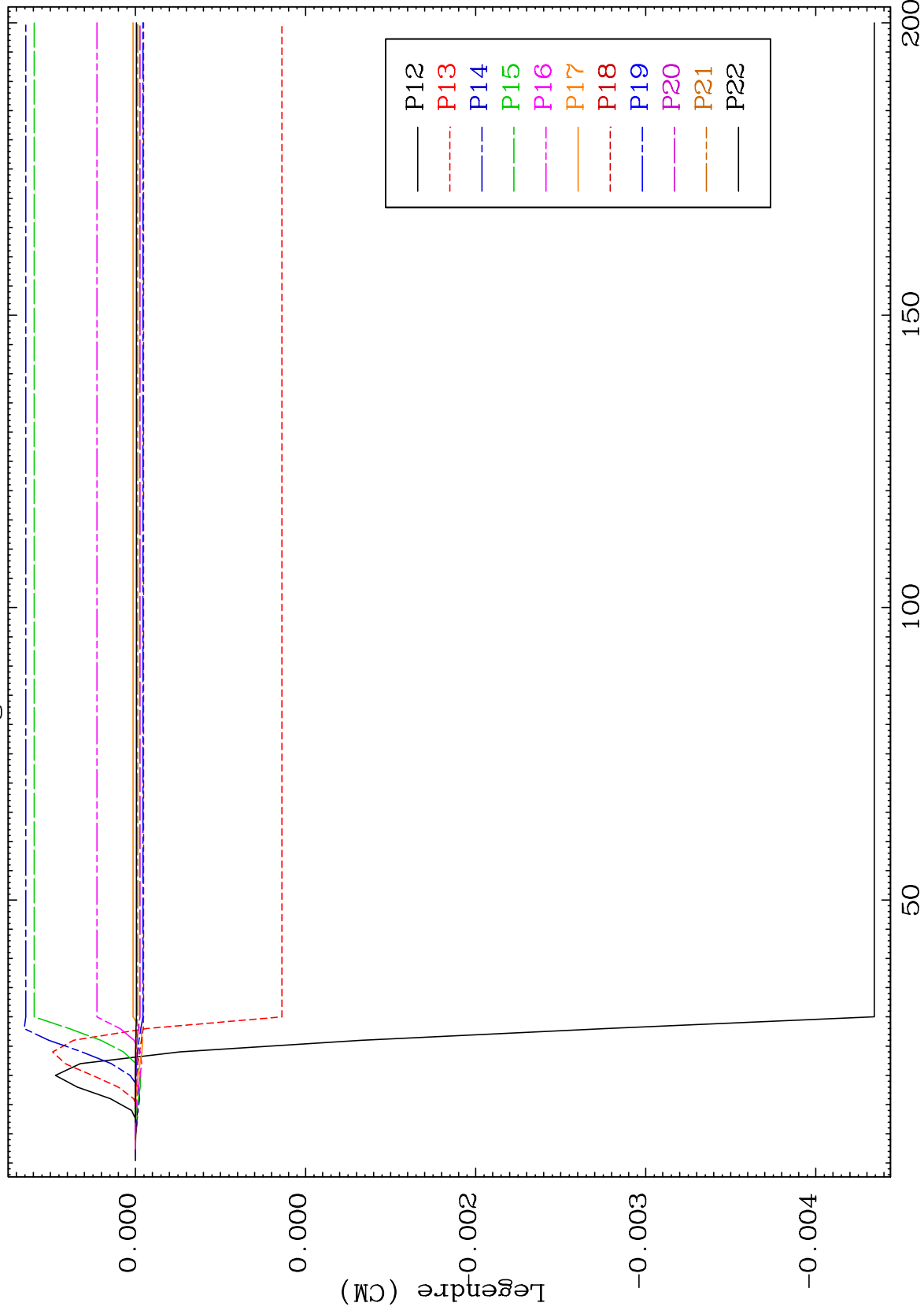
27-Co-65



MAT 2743

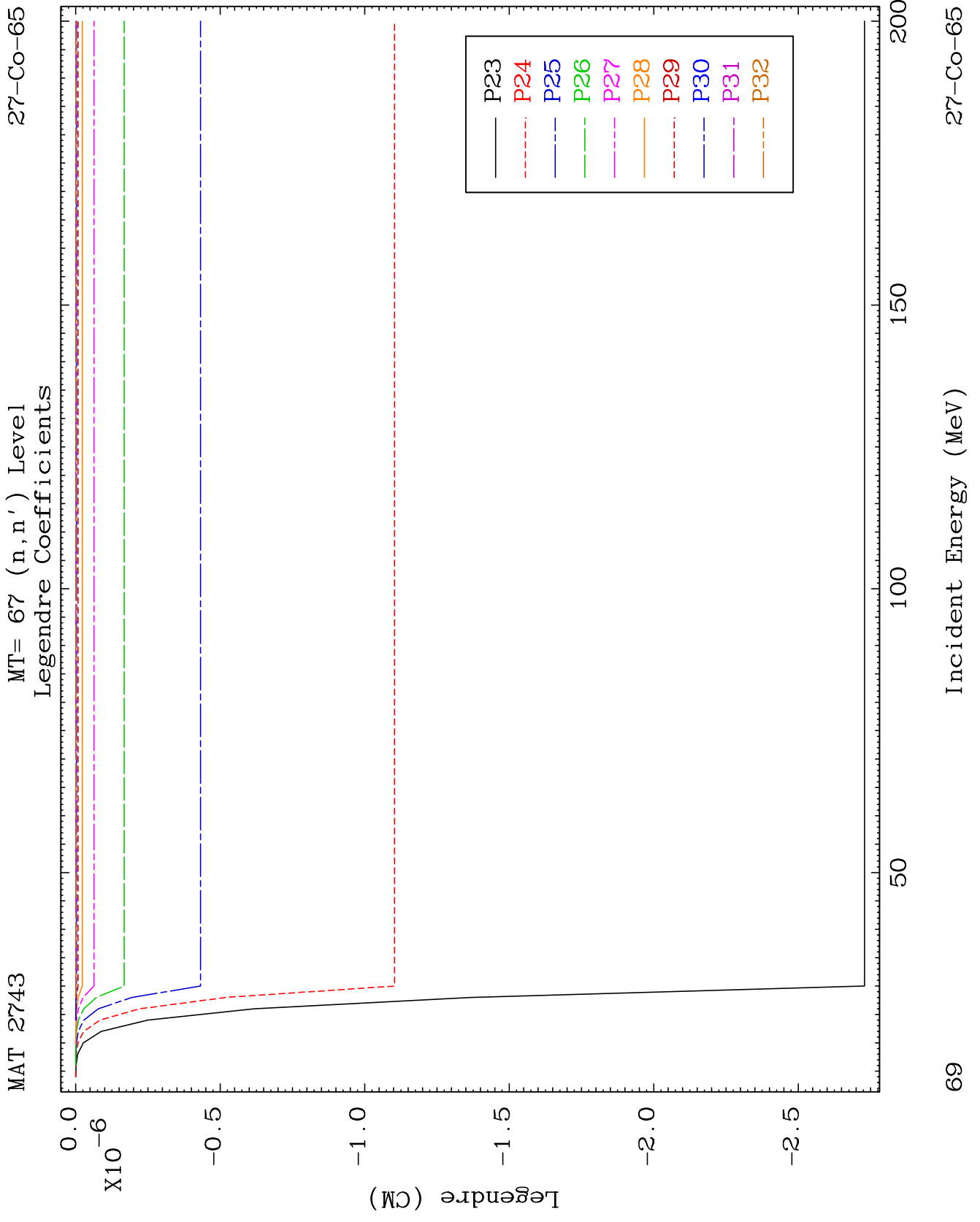
27-Co-65

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



68

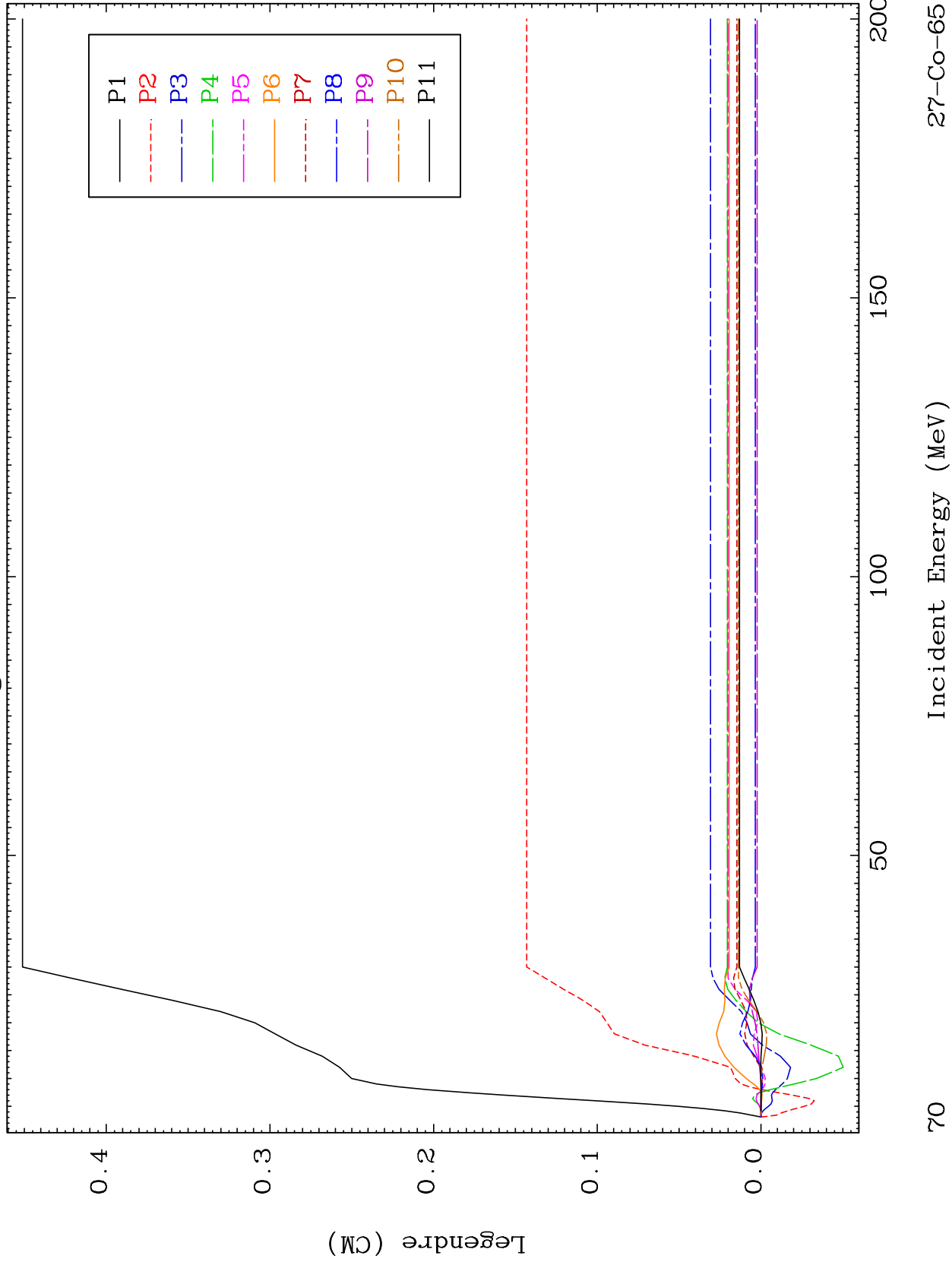
27-Co-65



MAT 2743

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

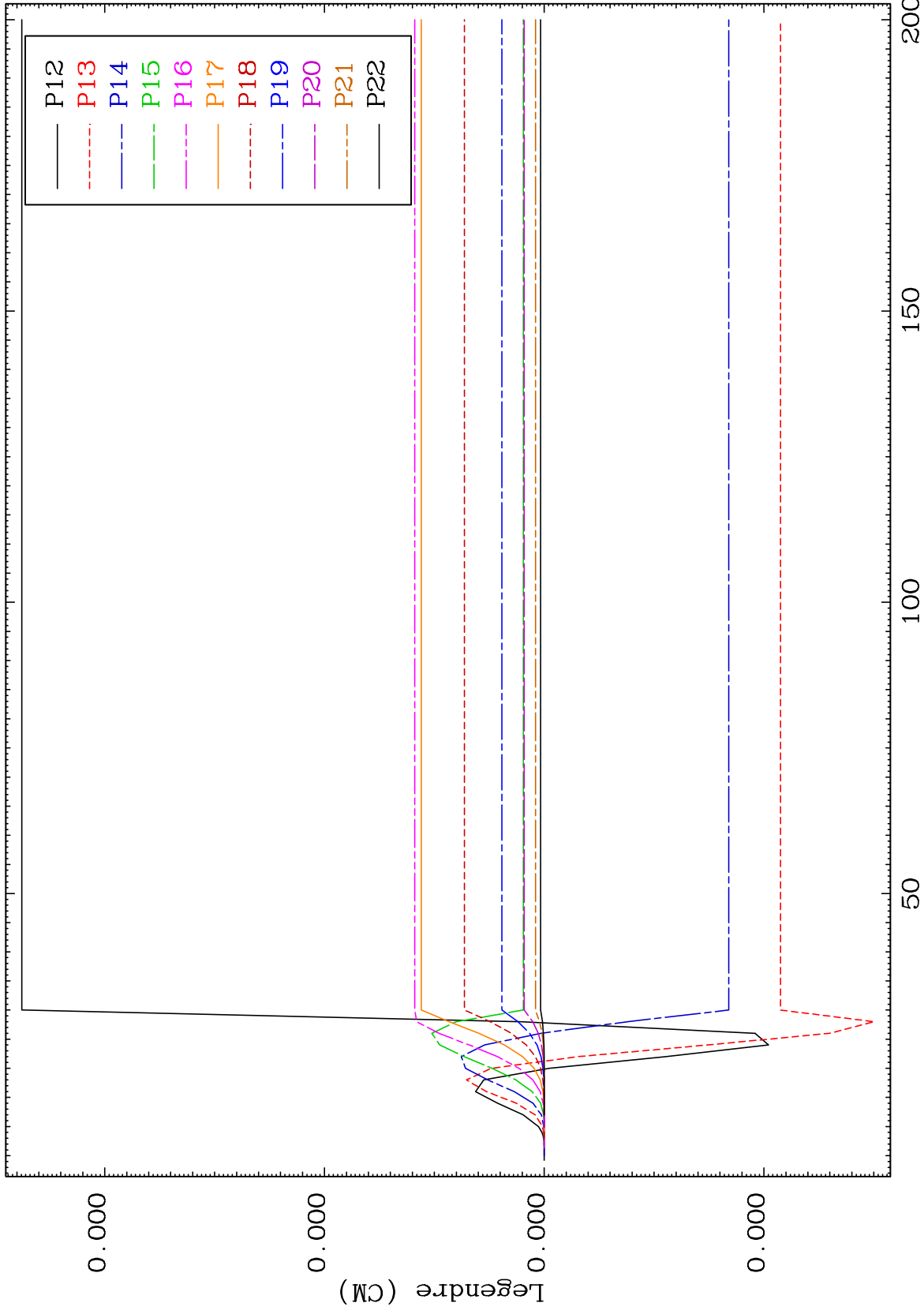
27-Co-65



MAT 2743

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

27-Co-65



71

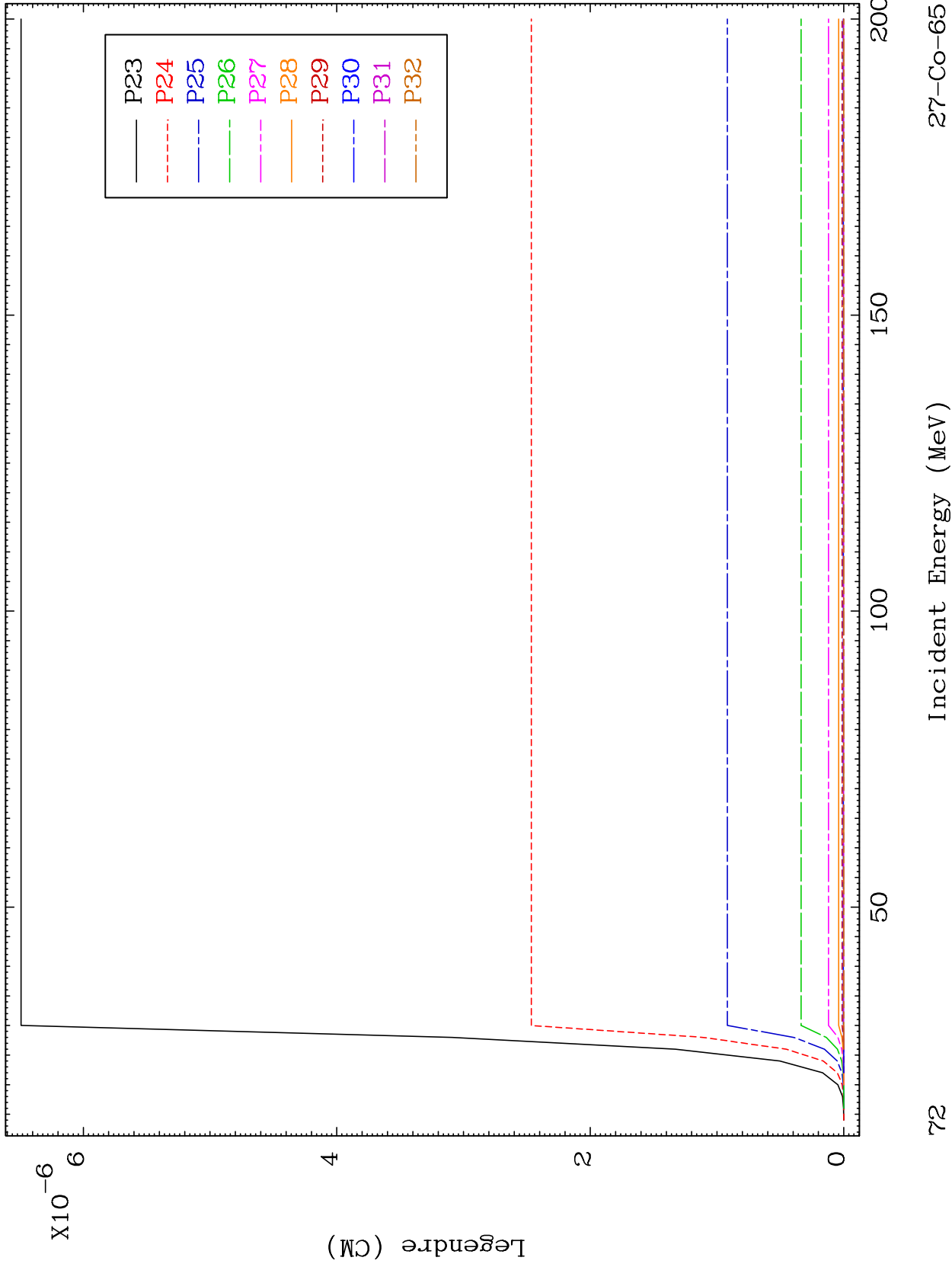
Incident Energy (MeV)

27-Co-65

MAT 2743

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

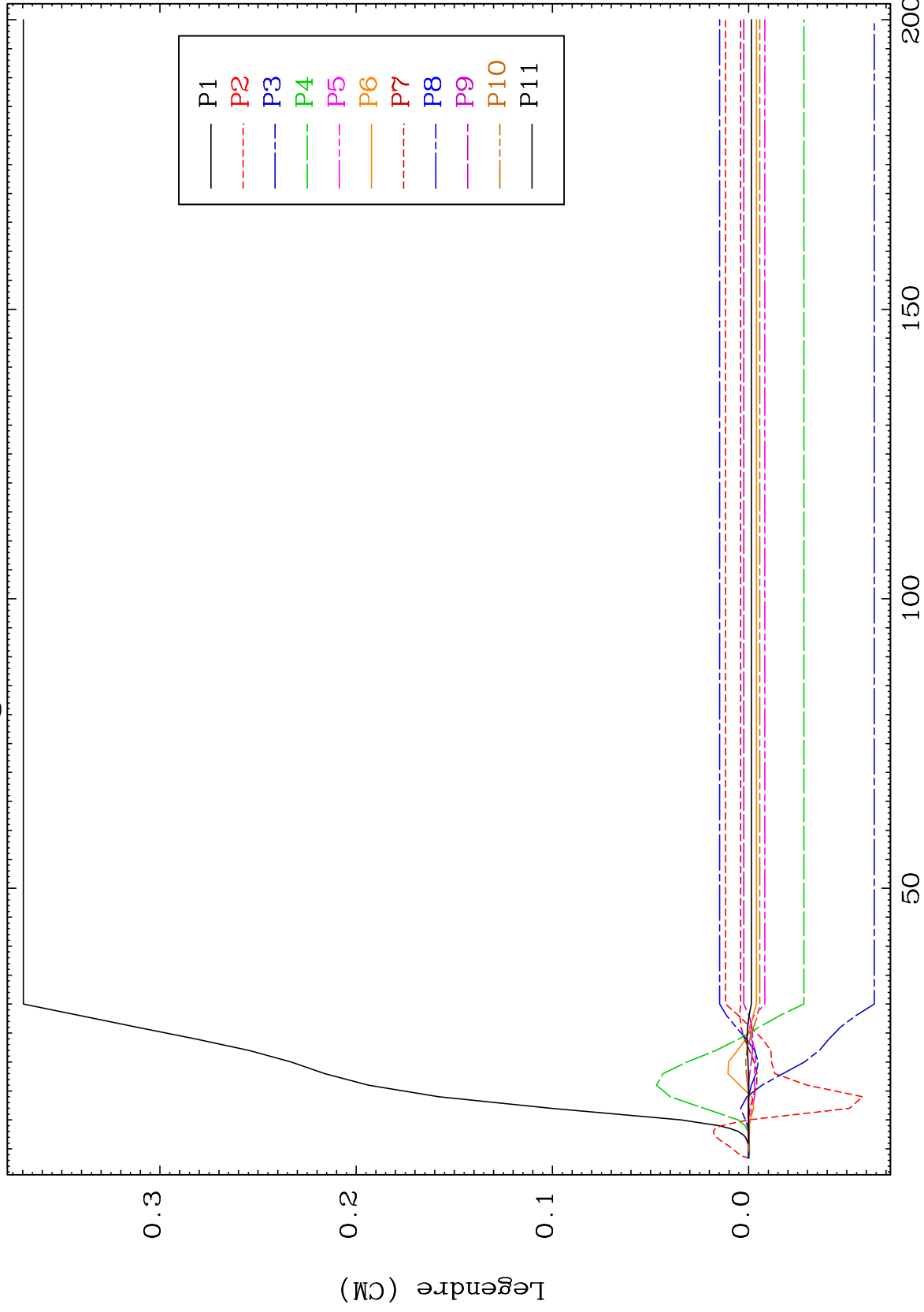
27-Co-65



MAT 2743

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

27-Co-65

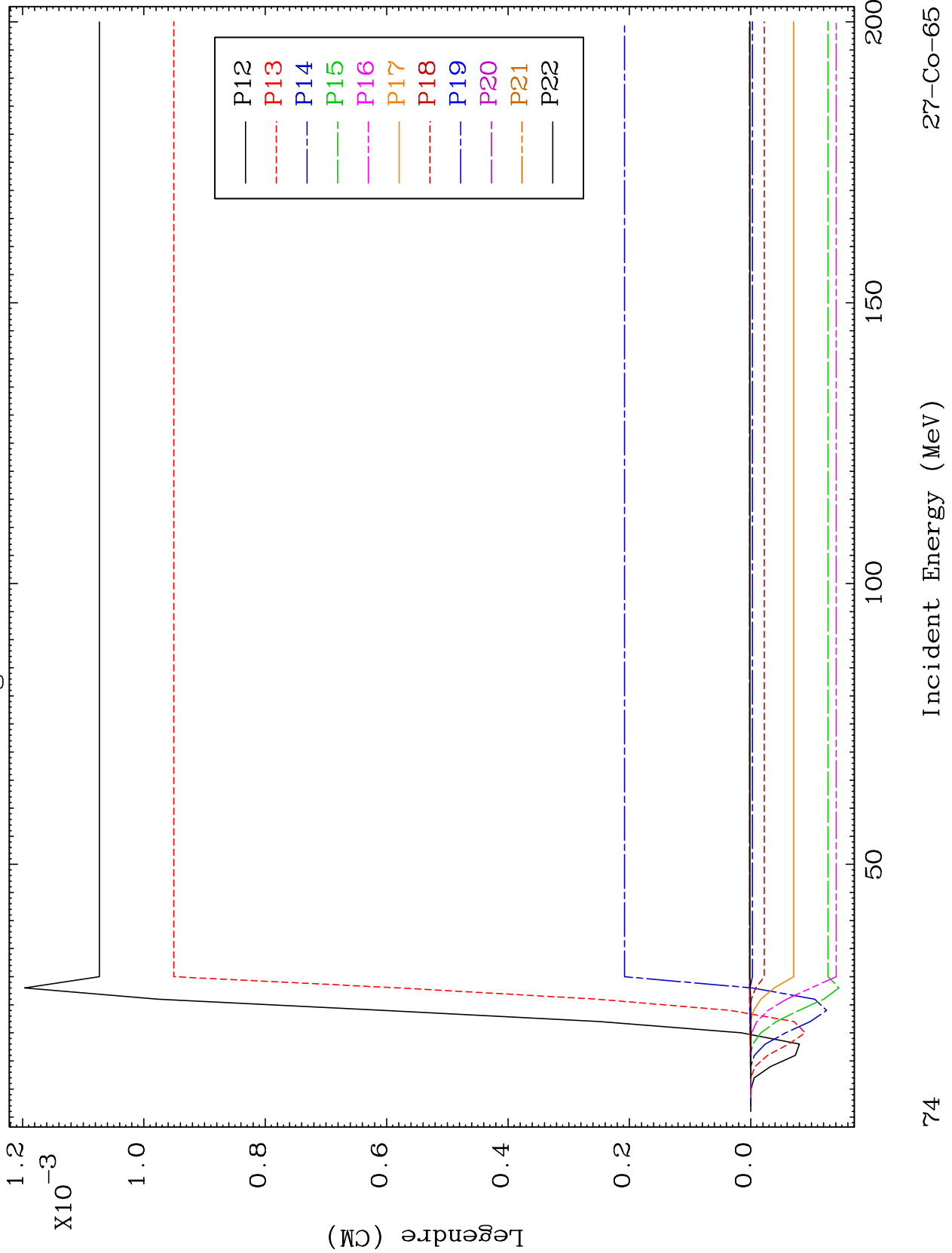


73

Incident Energy (MeV)

27-Co-65

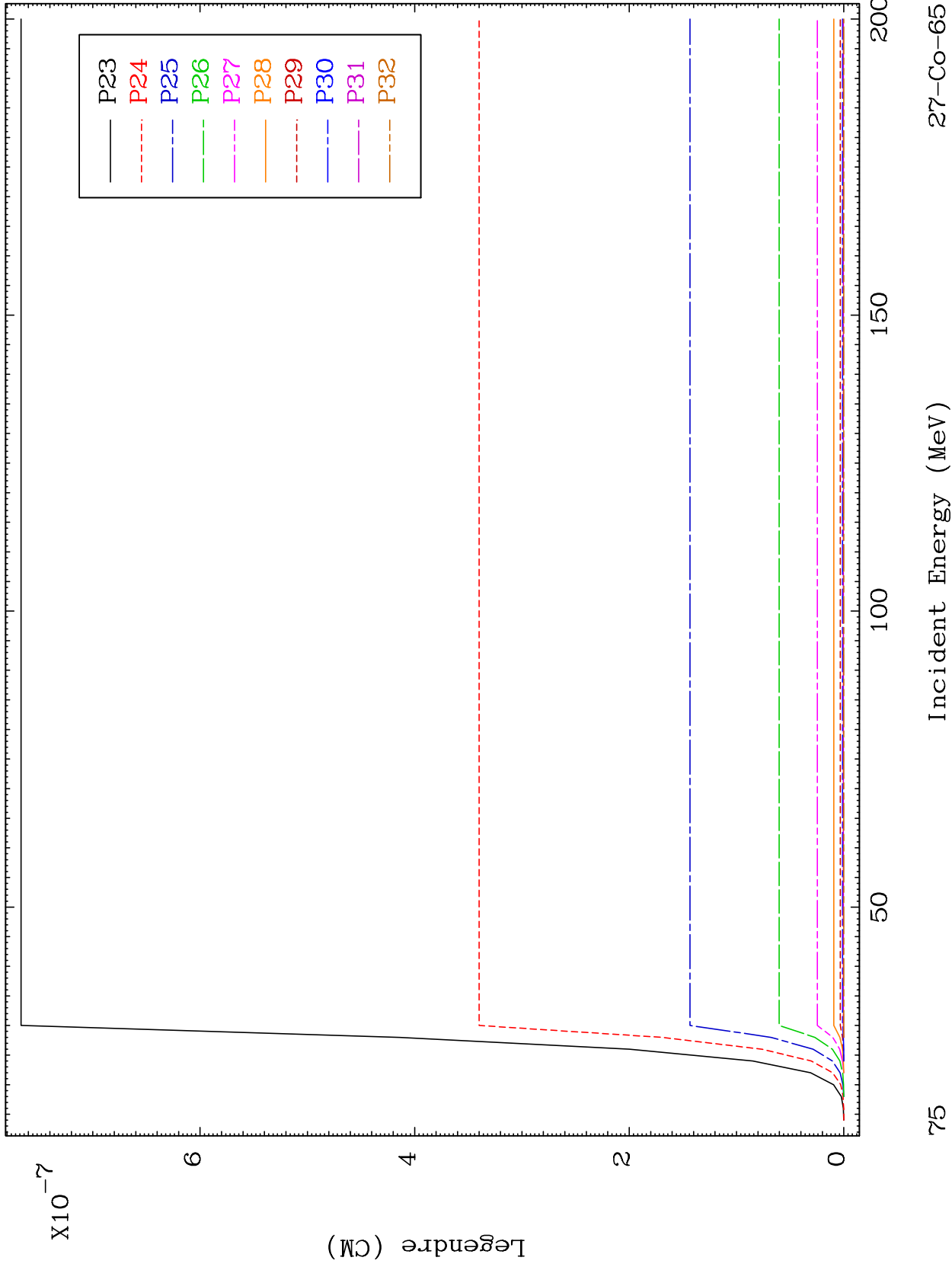
MAT 2743 MT= 69 (n,n') Level Legendre Coefficients 27-Co-65



MAT 2743

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

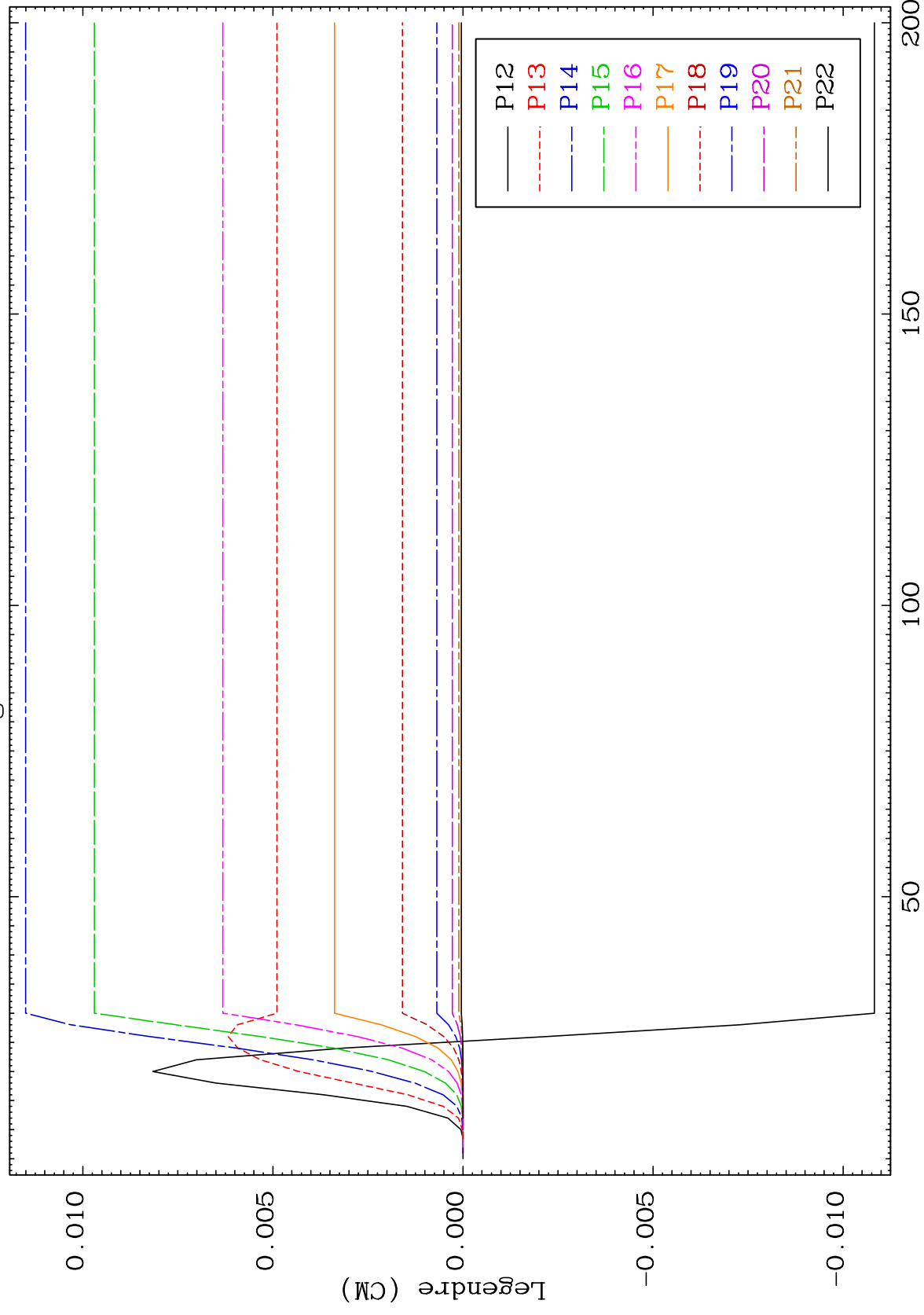
27-Co-65

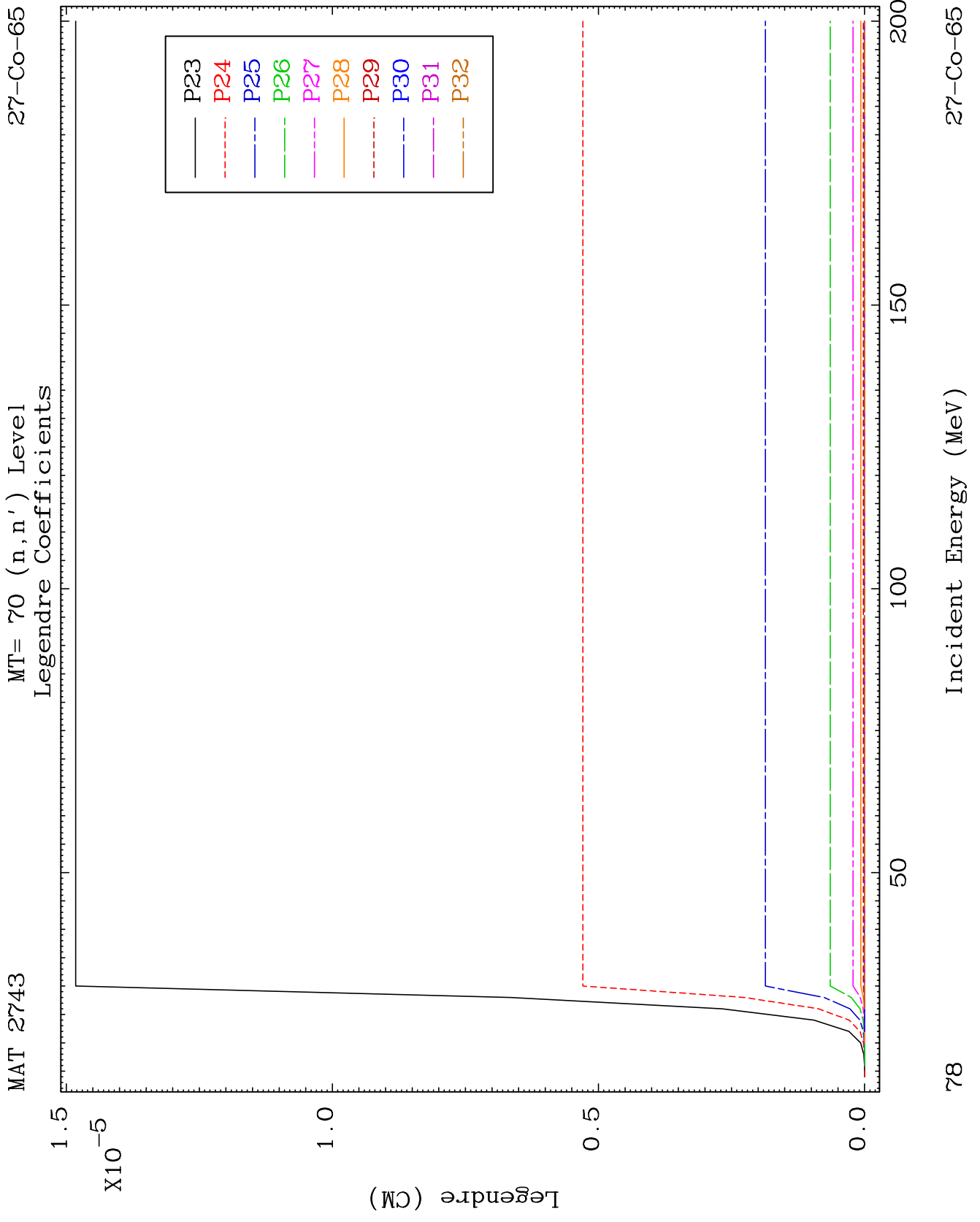


MAT 2743

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

27-Co-65

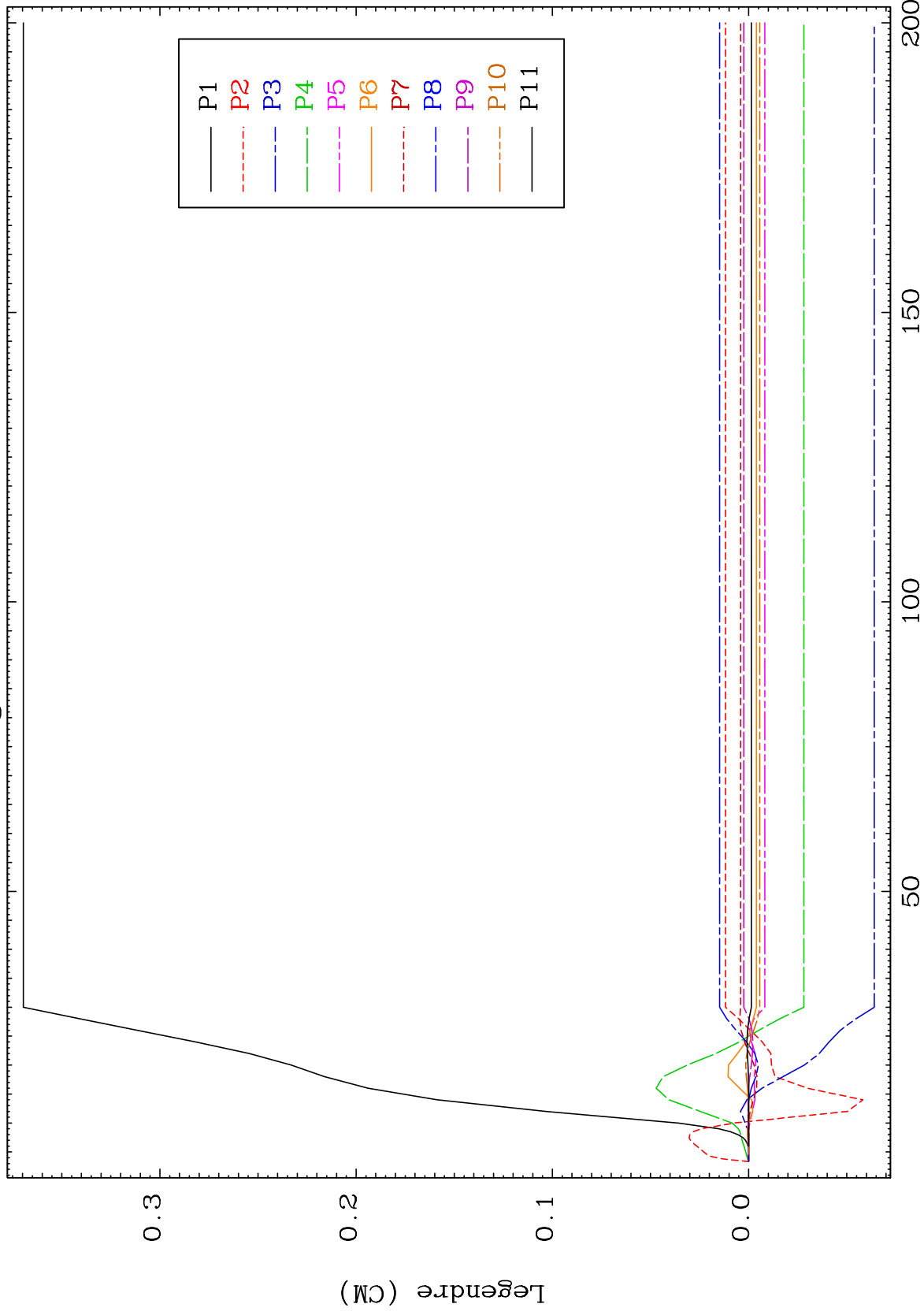




MAT 2743

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

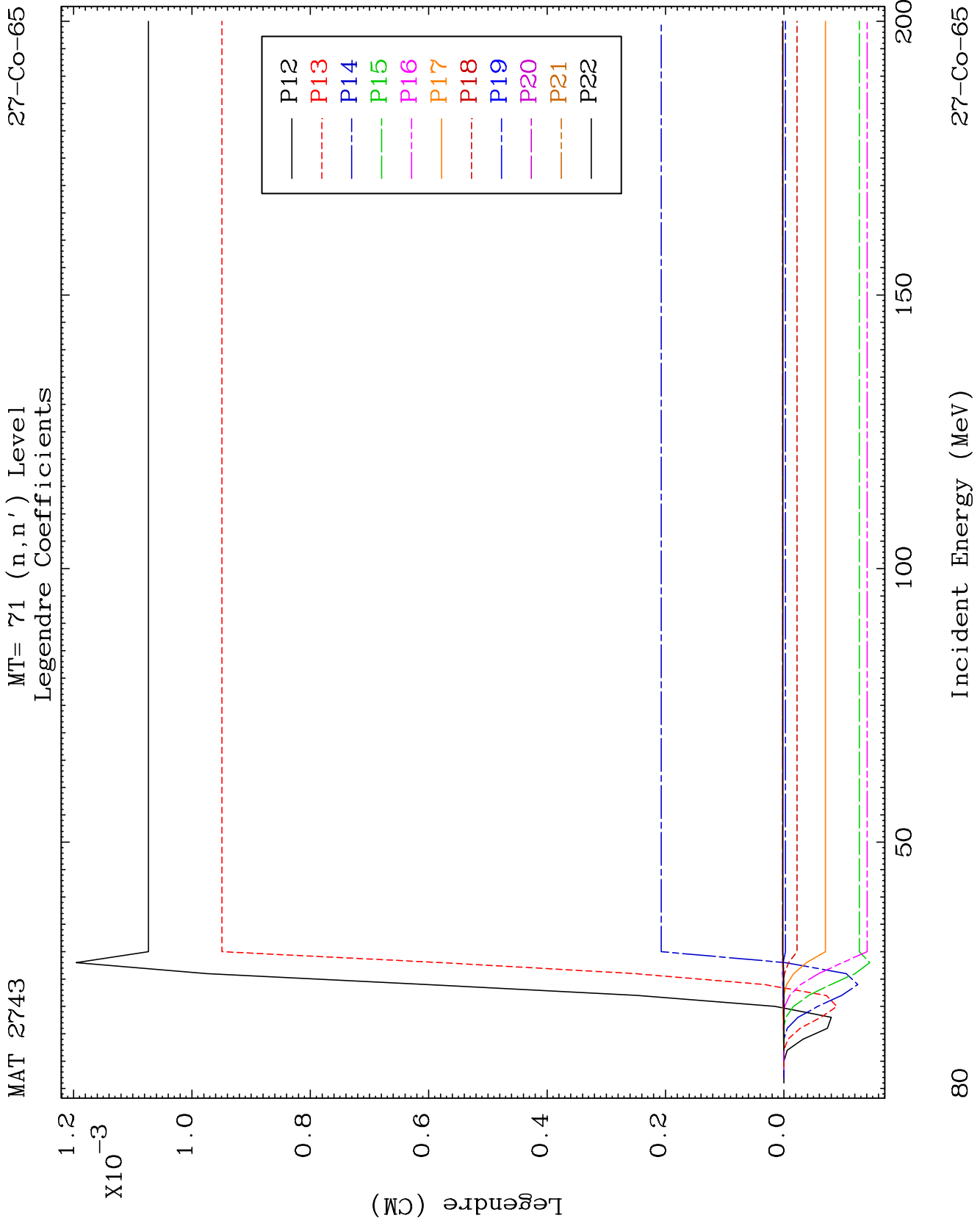
27-Co-65



79

Incident Energy (MeV)

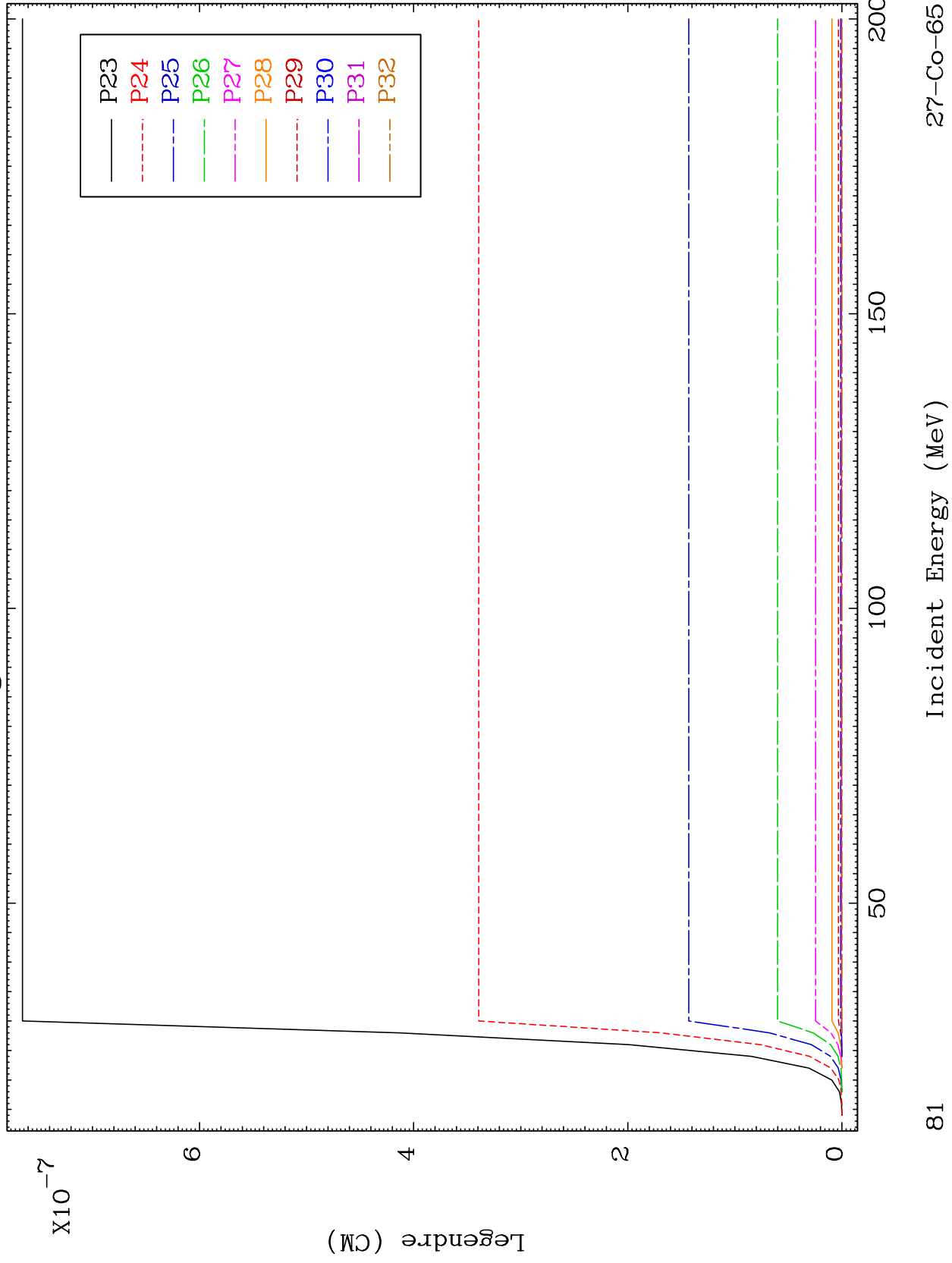
27-Co-65



MAT 2743

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

27-Co-65



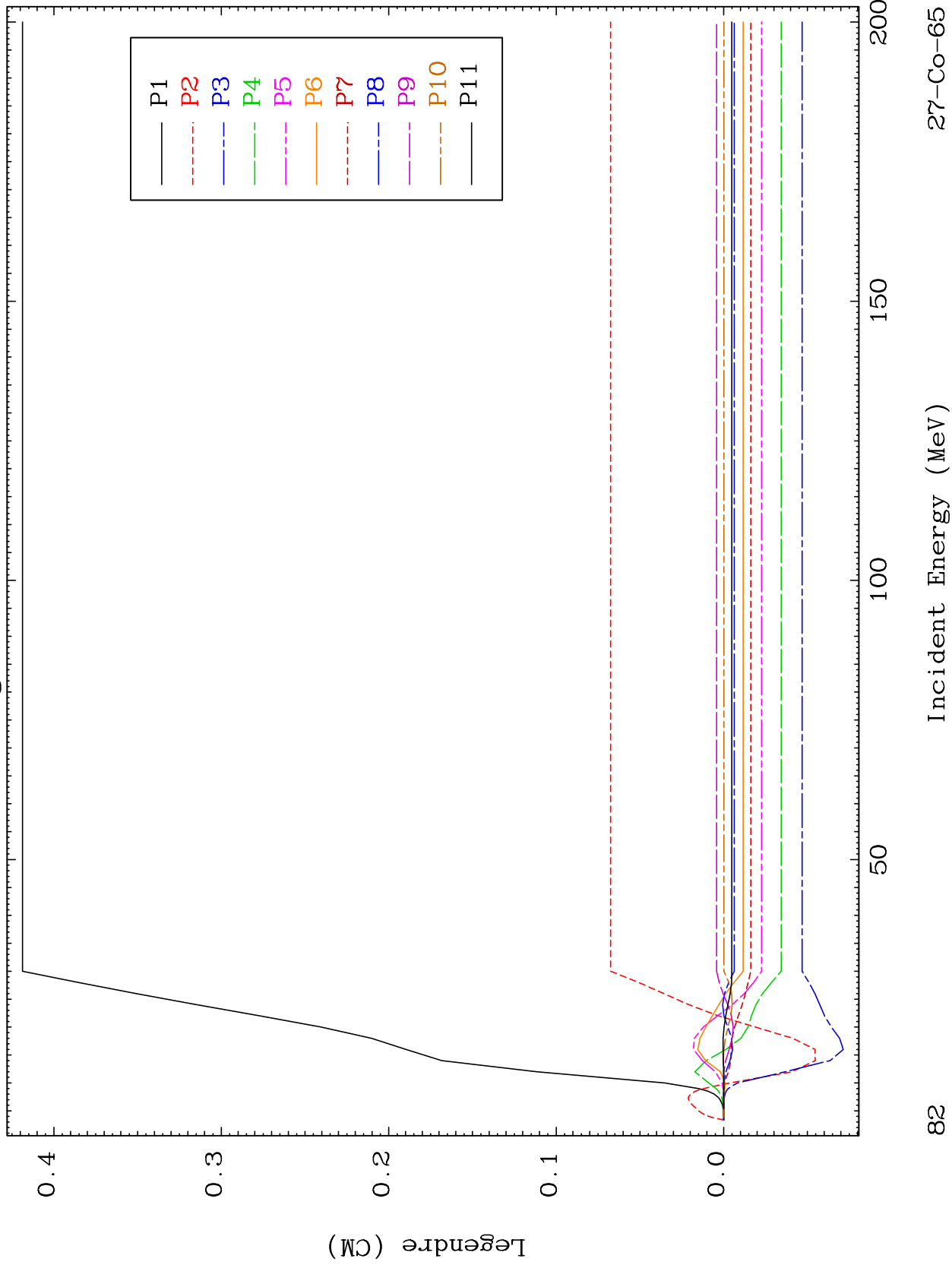
81

27-Co-65

MAT 2743

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

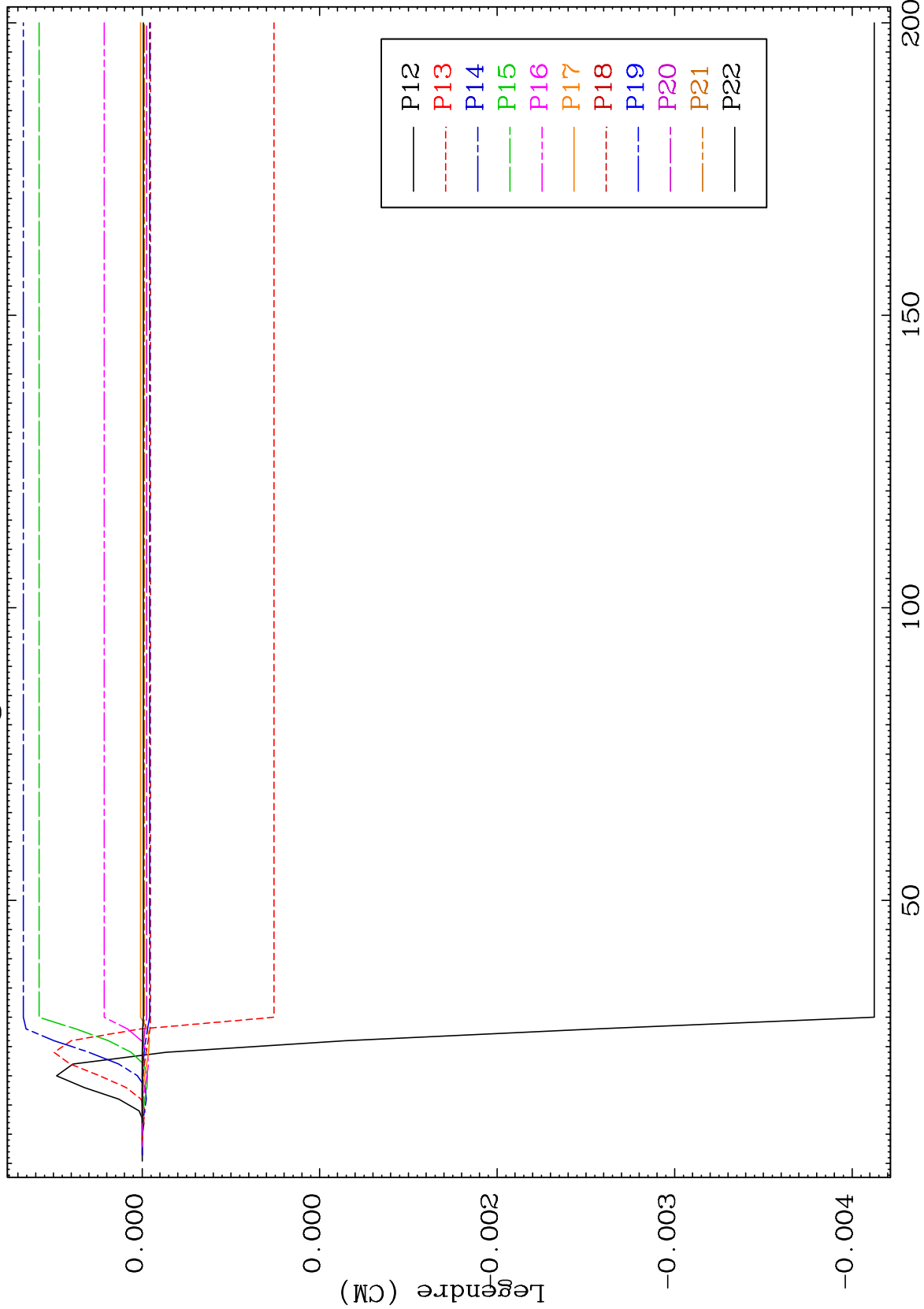
27-Co-65

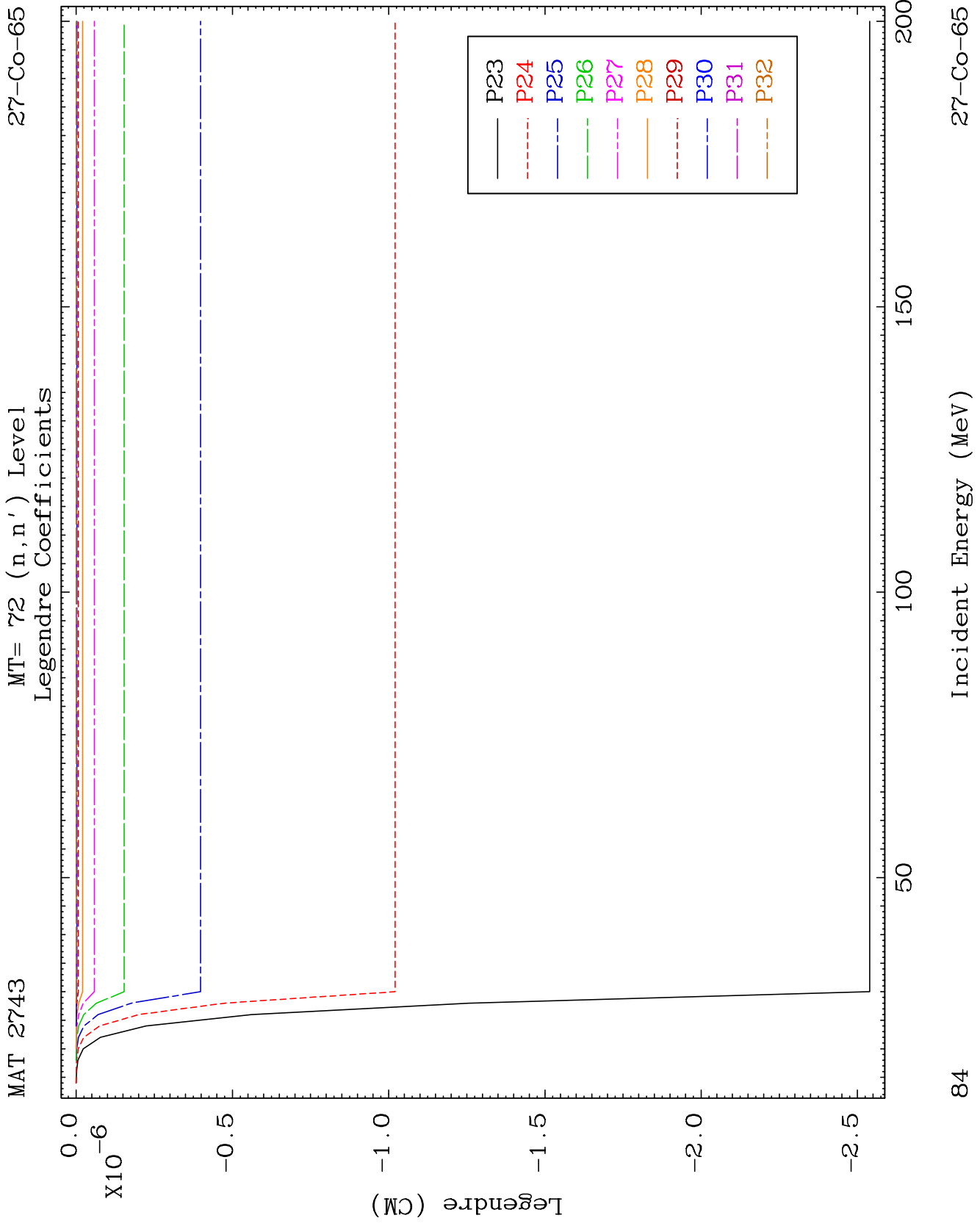


MAT 2743

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

27-Co-65

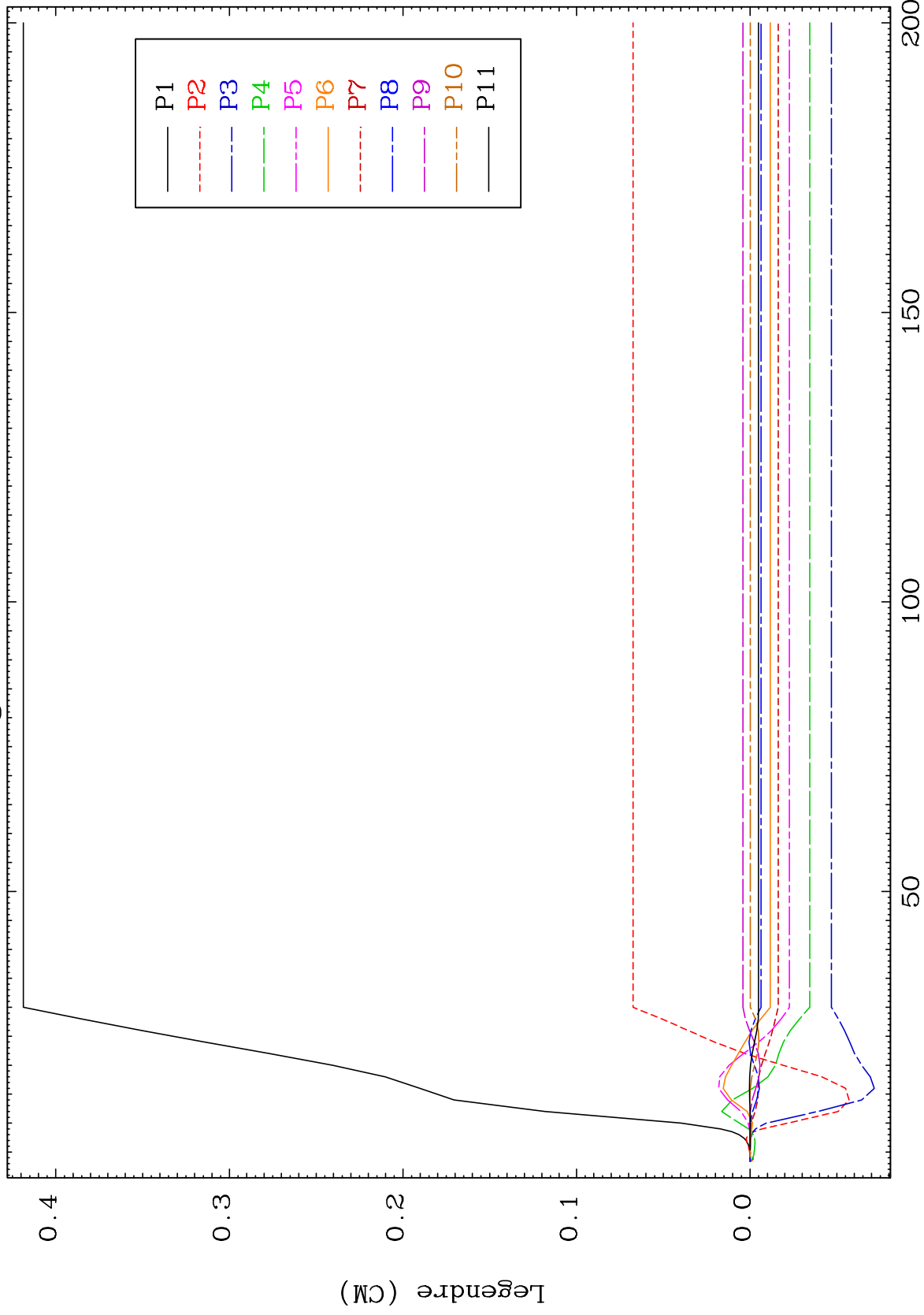




MAT 2743

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

27-Co-65



85

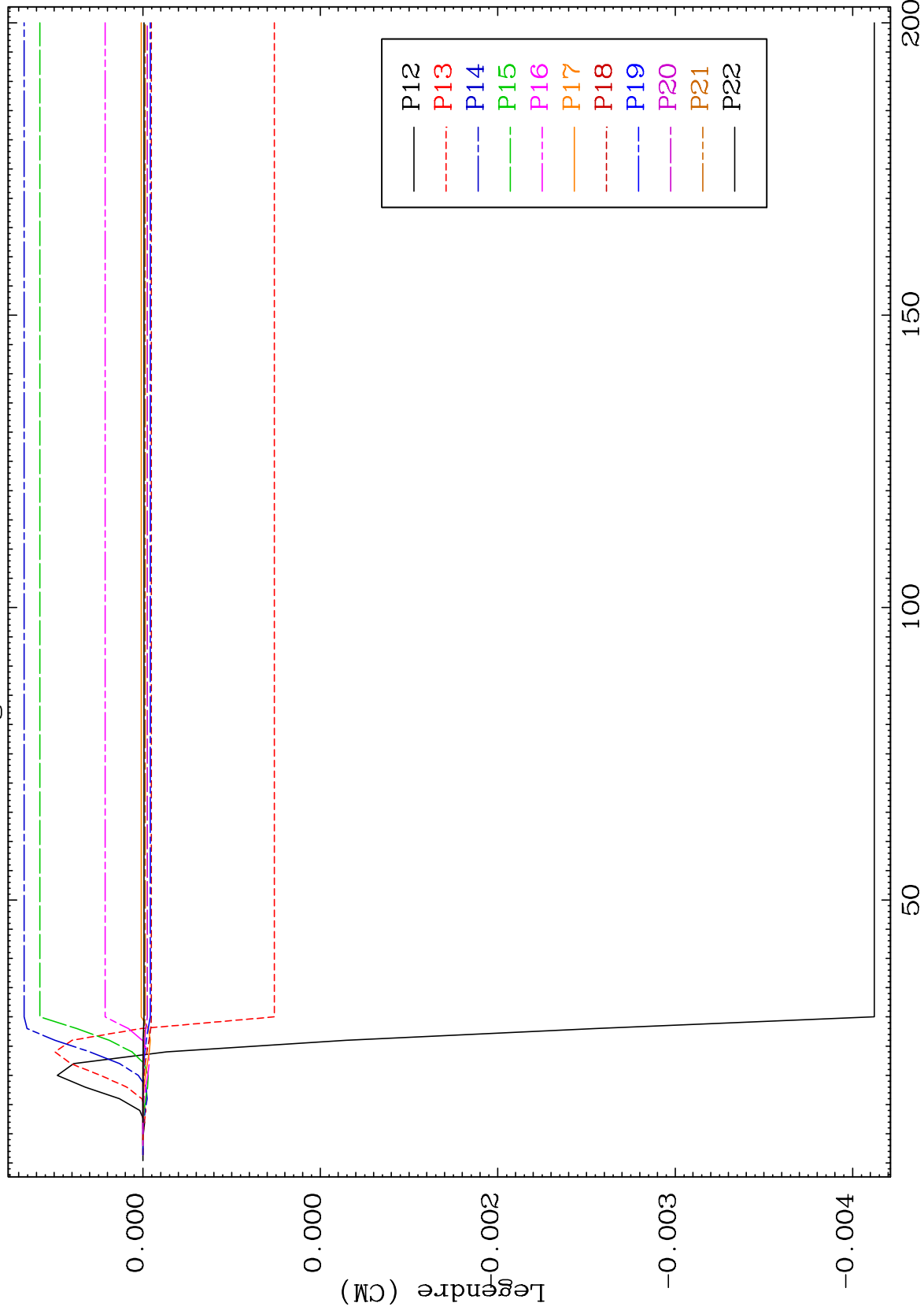
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



86

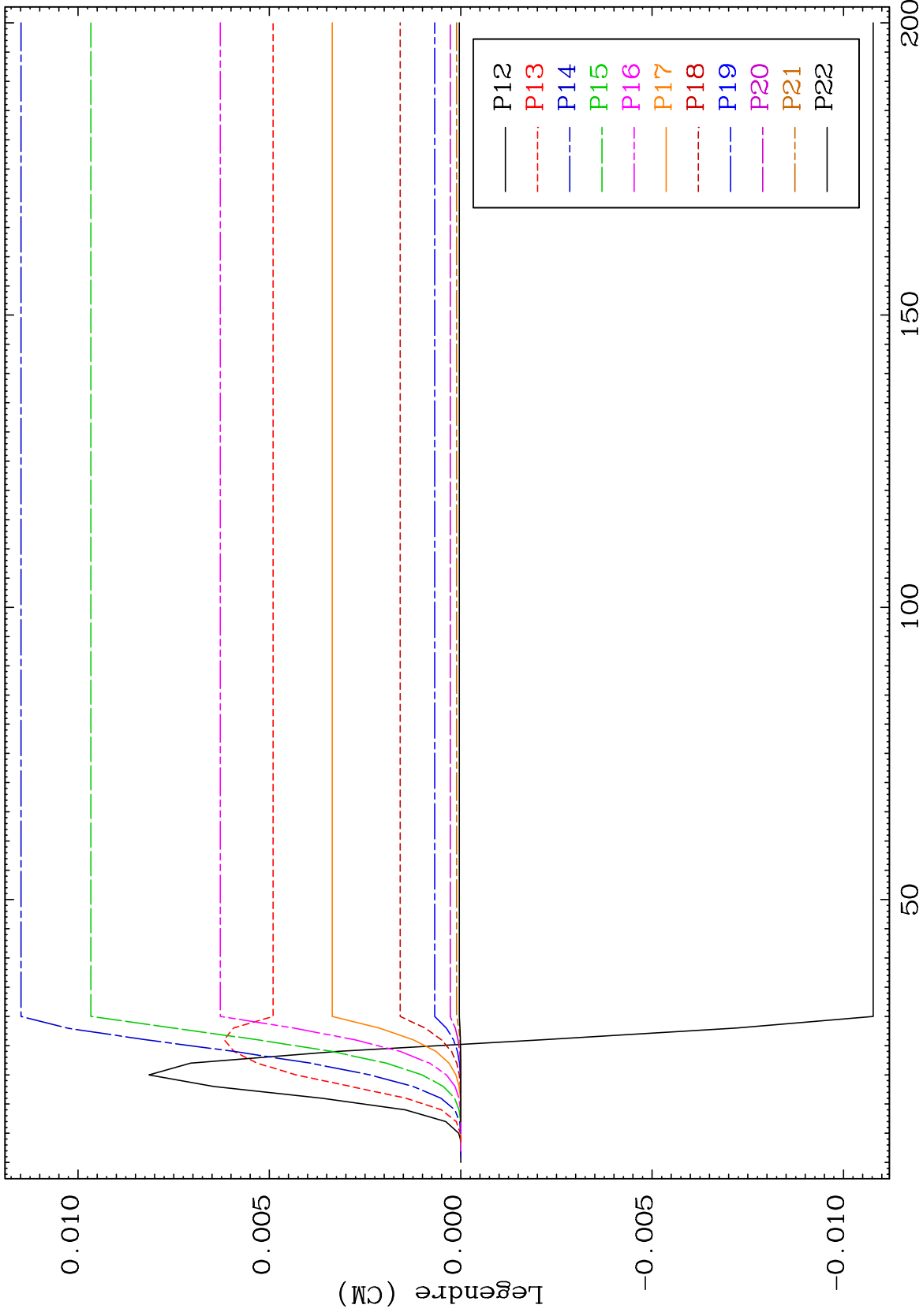
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



89

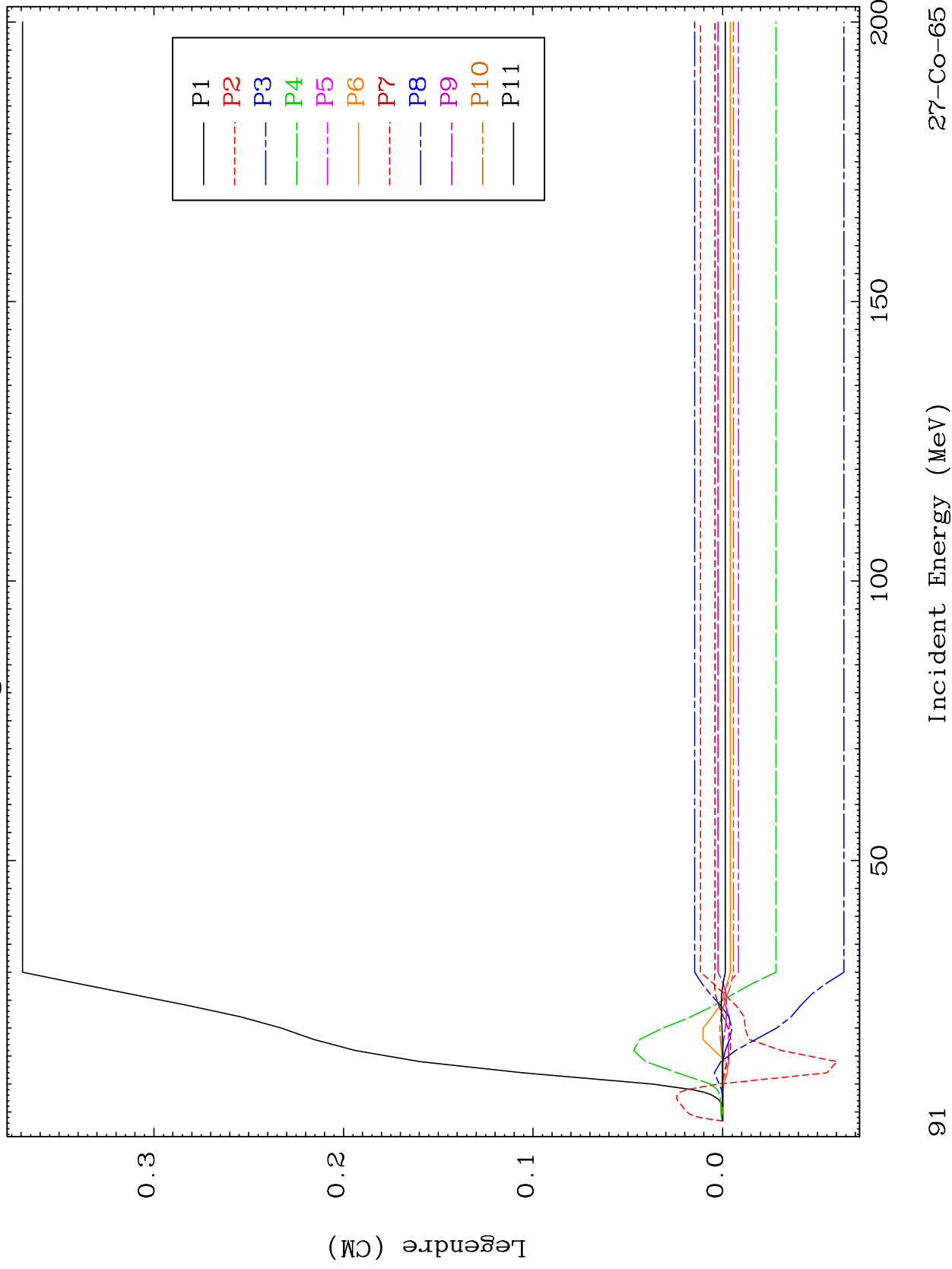
Incident Energy (MeV)

27-Co-65

MAT 2743

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

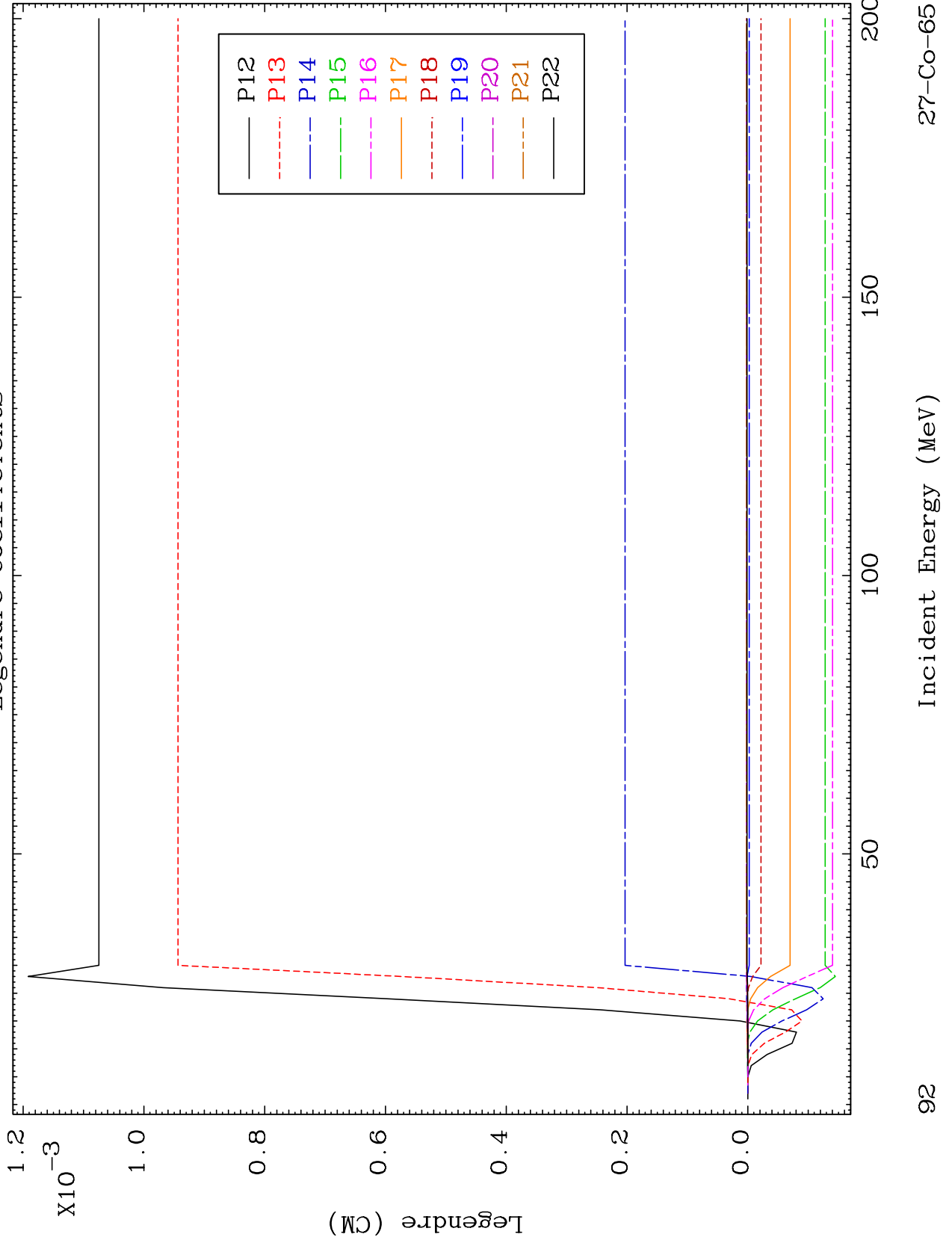
27-Co-65



MAT 2743

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

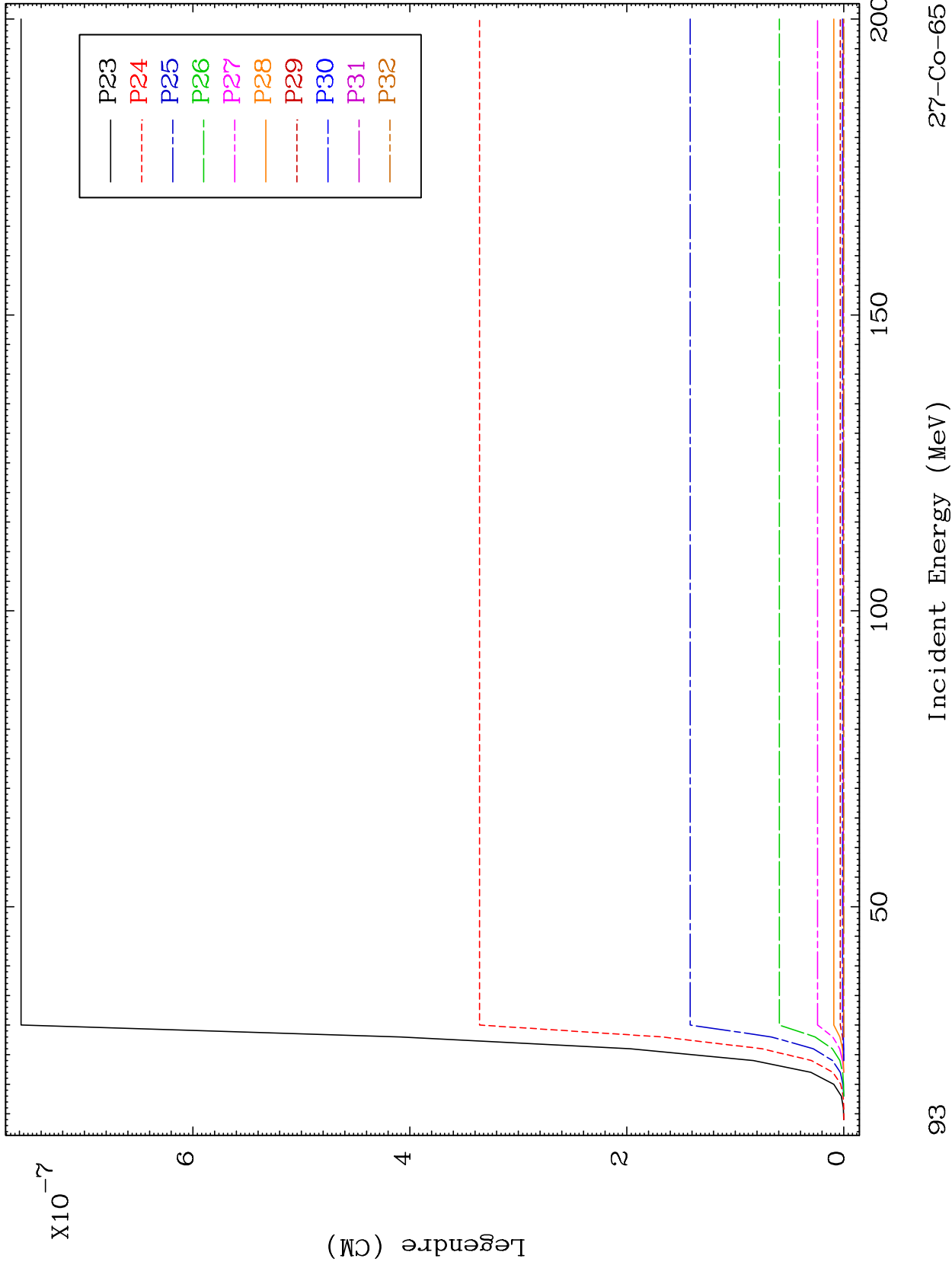
27-Co-65



MAT 2743

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

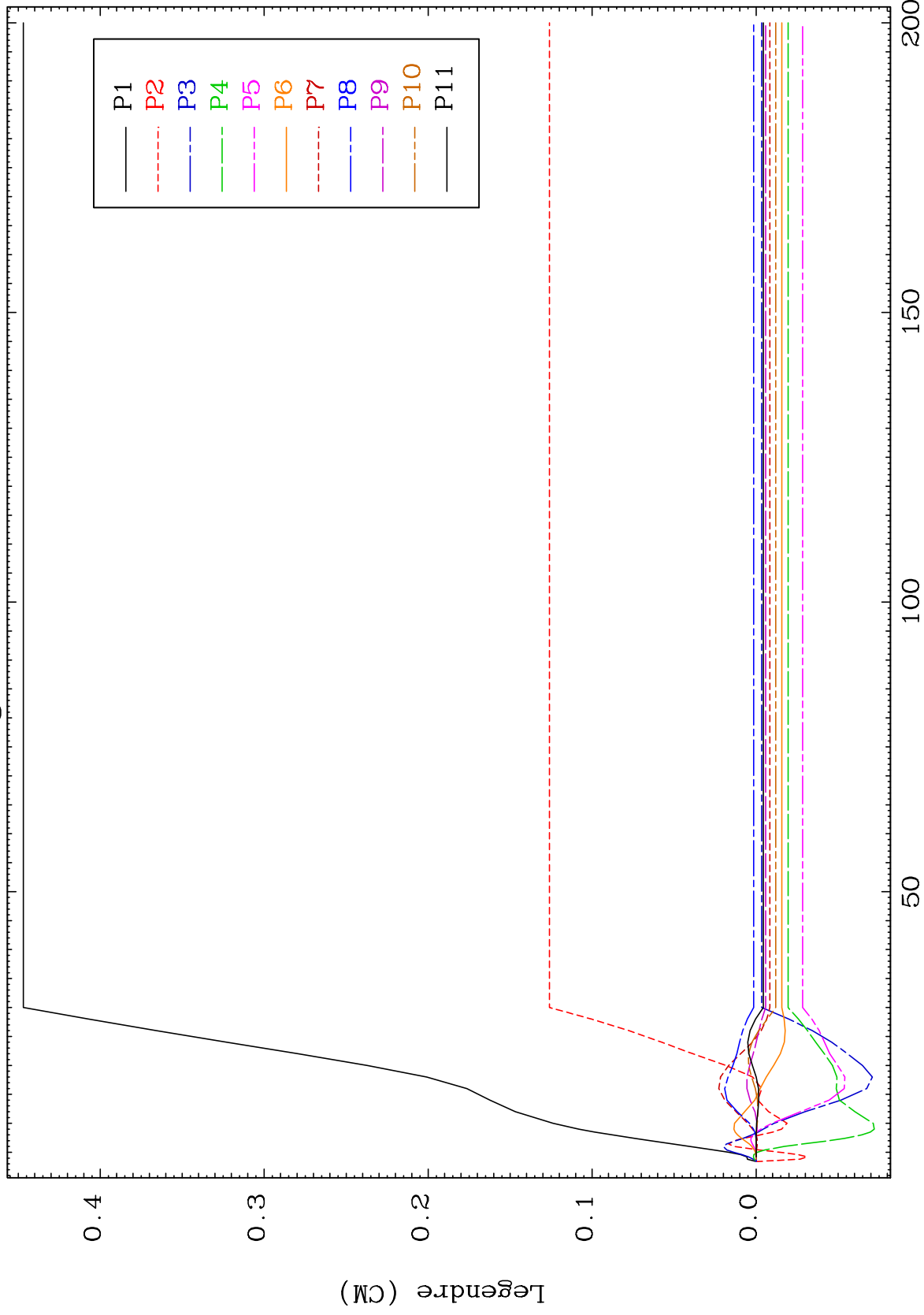
27-Co-65



MAT 2743

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

27-Co-65



94

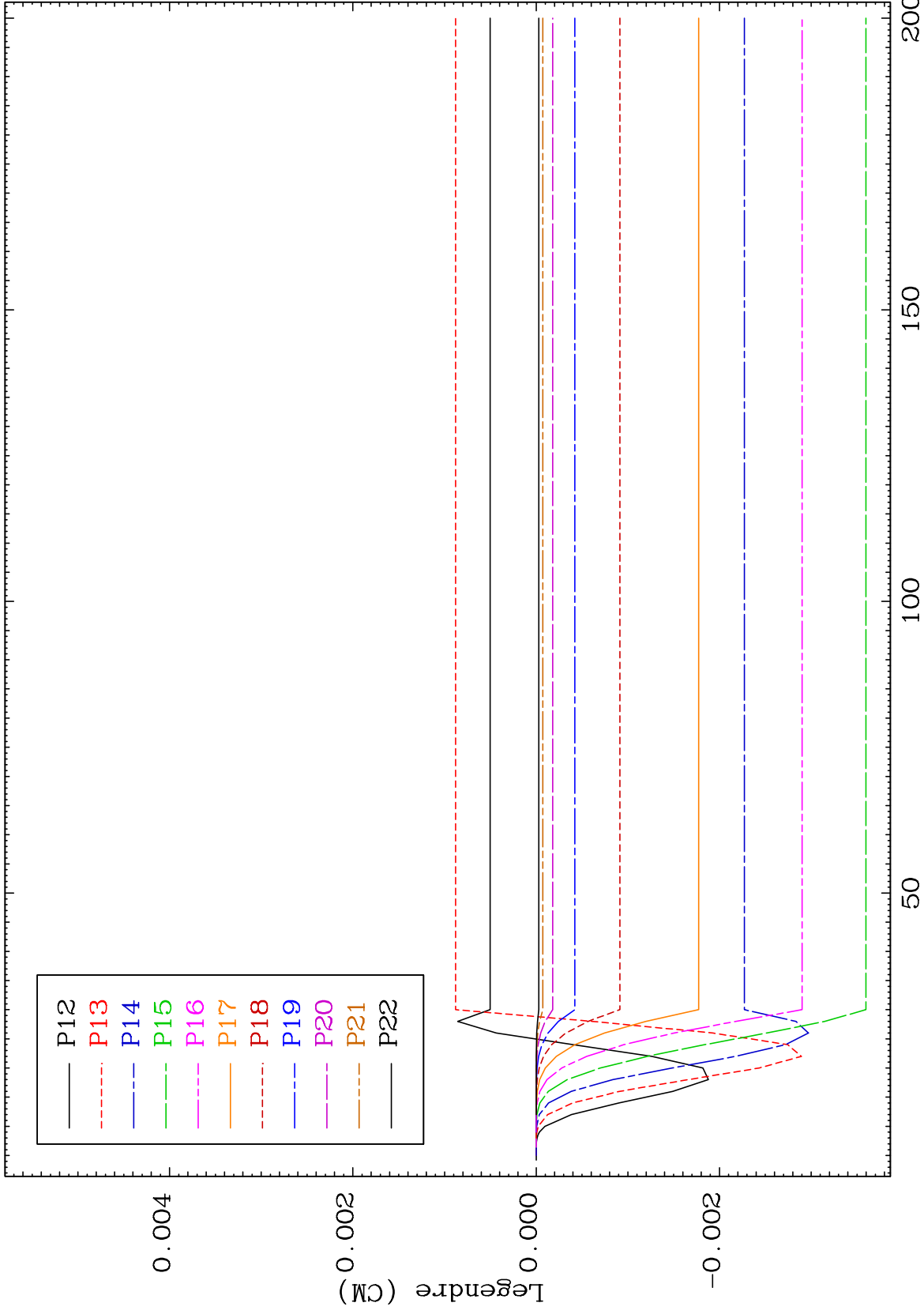
Incident Energy (MeV)

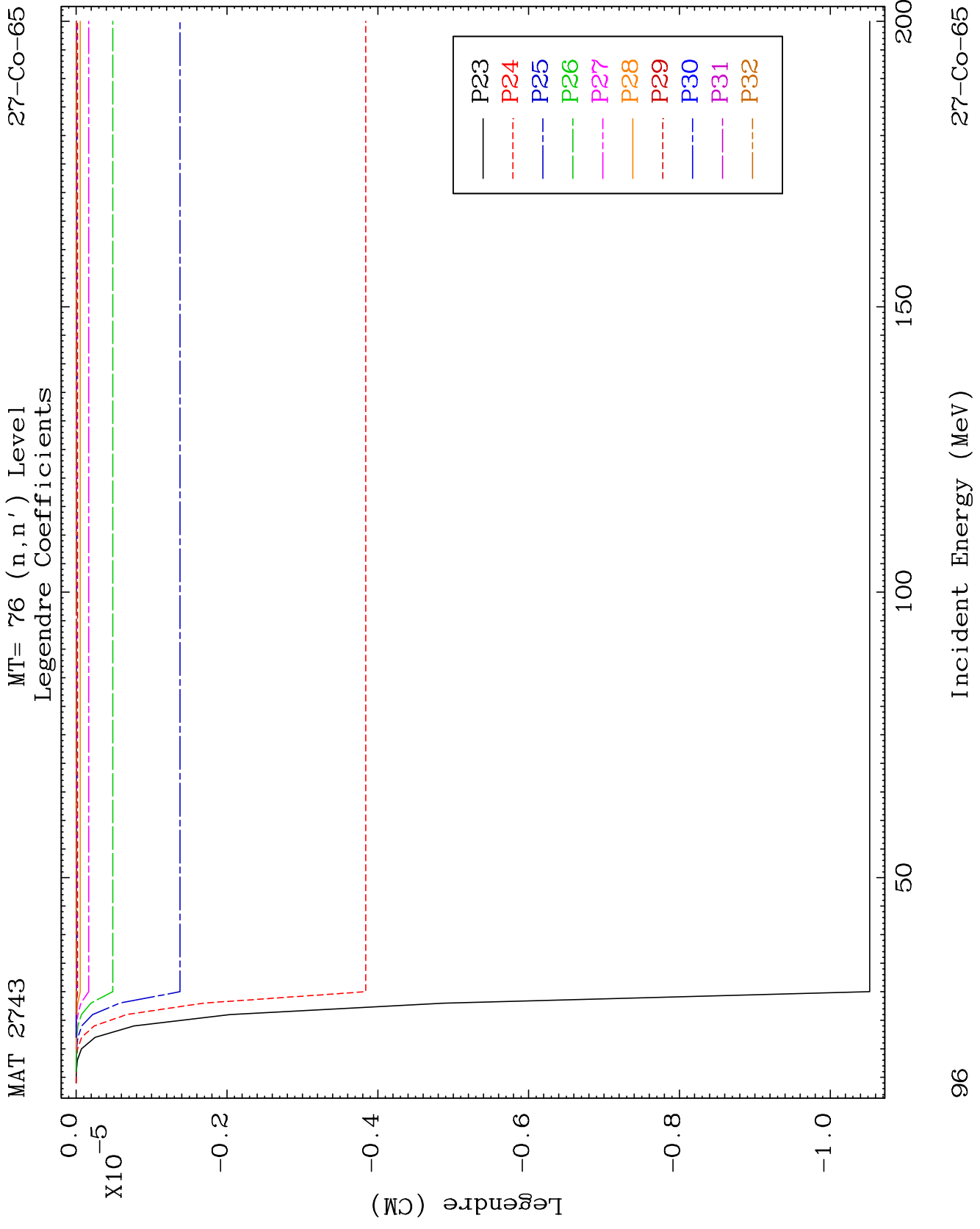
27-Co-65

MAT 2743

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

27-Co-65

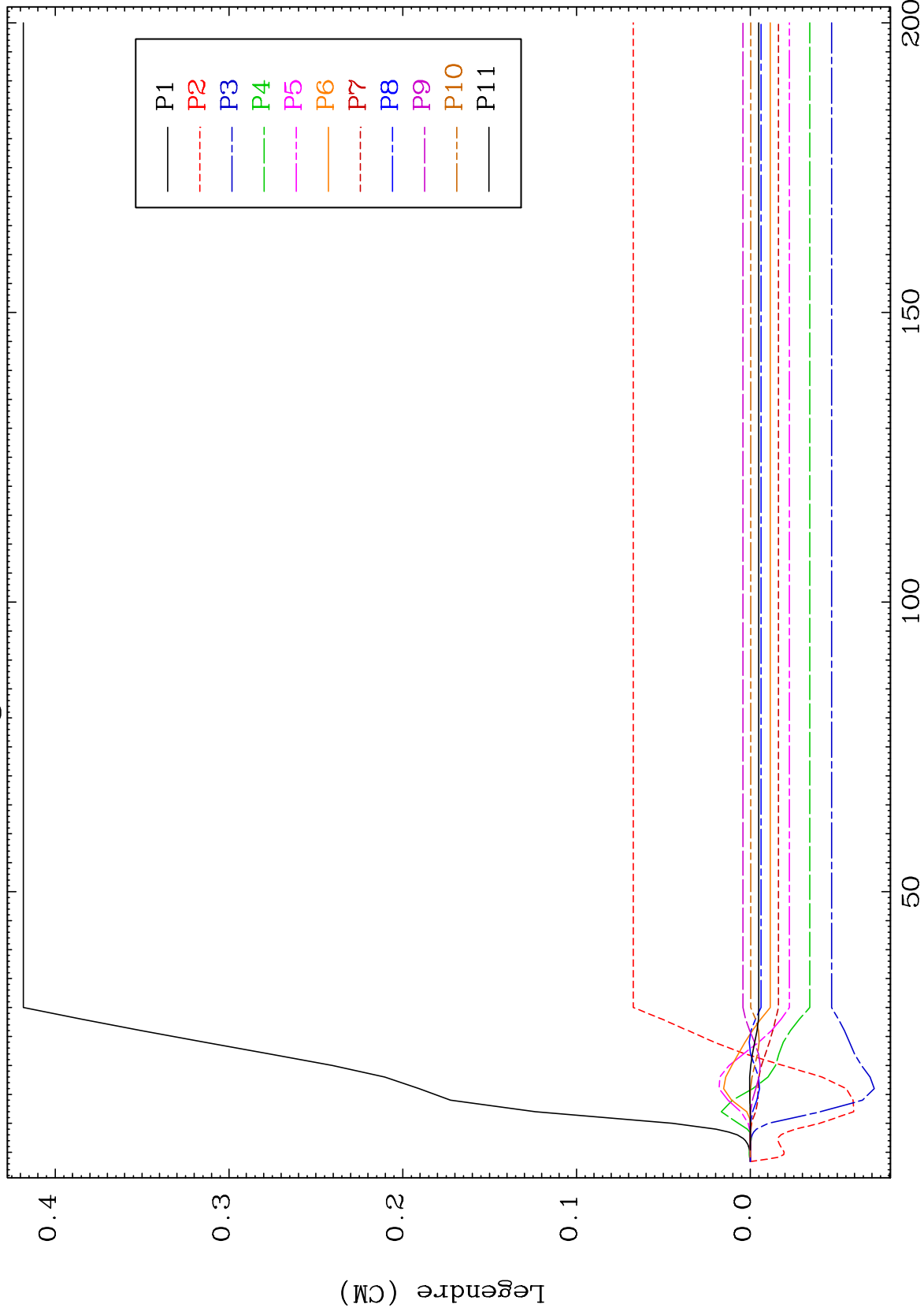




MAT 2743

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

27-Co-65



97

Incident Energy (MeV)

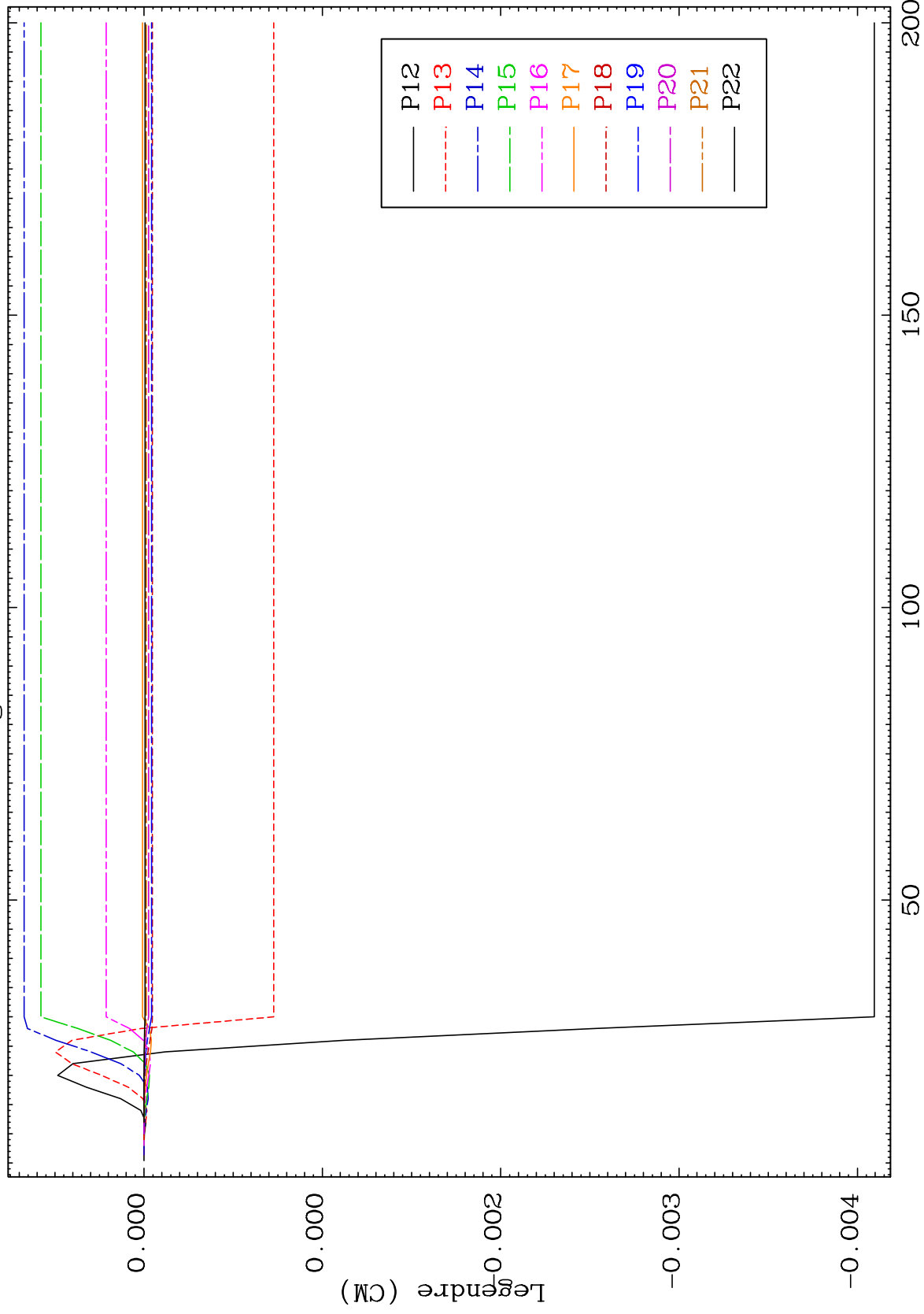
27-Co-65

MAT 2743

MT= 77 (n,n') Level

27-Co-65

Legendre Coefficients



98

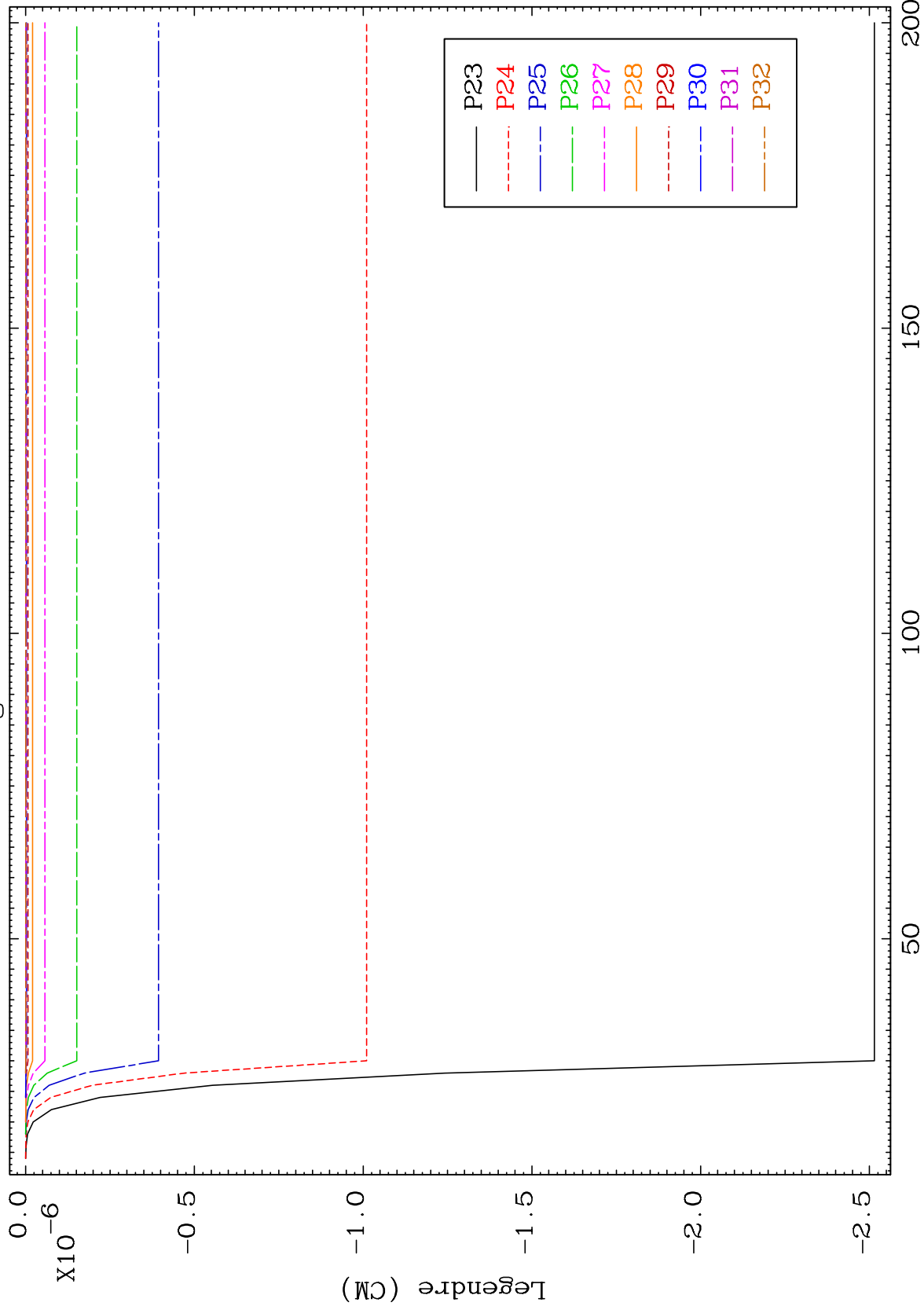
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



99

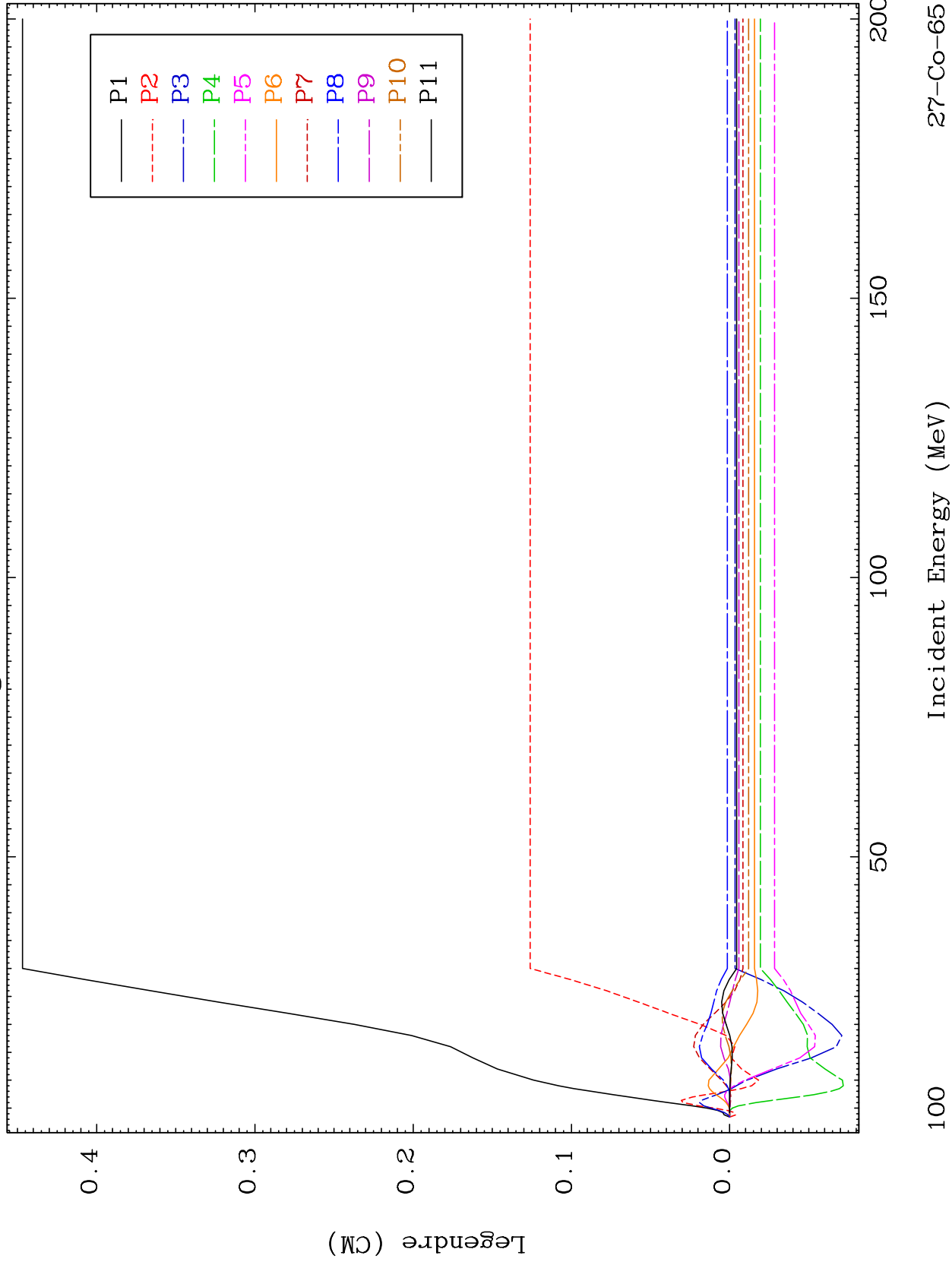
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65

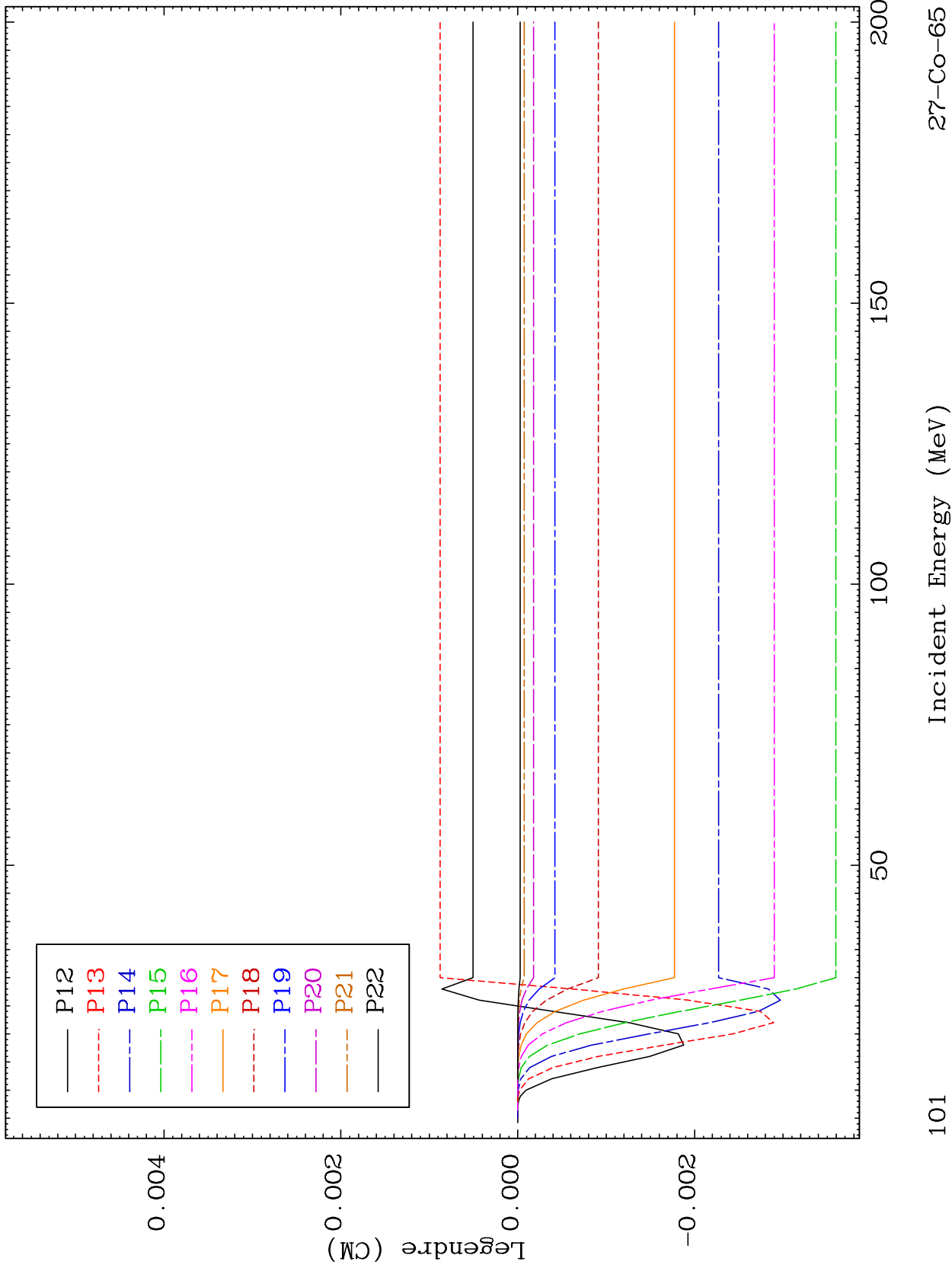


27-Co-65

MAT 2743

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

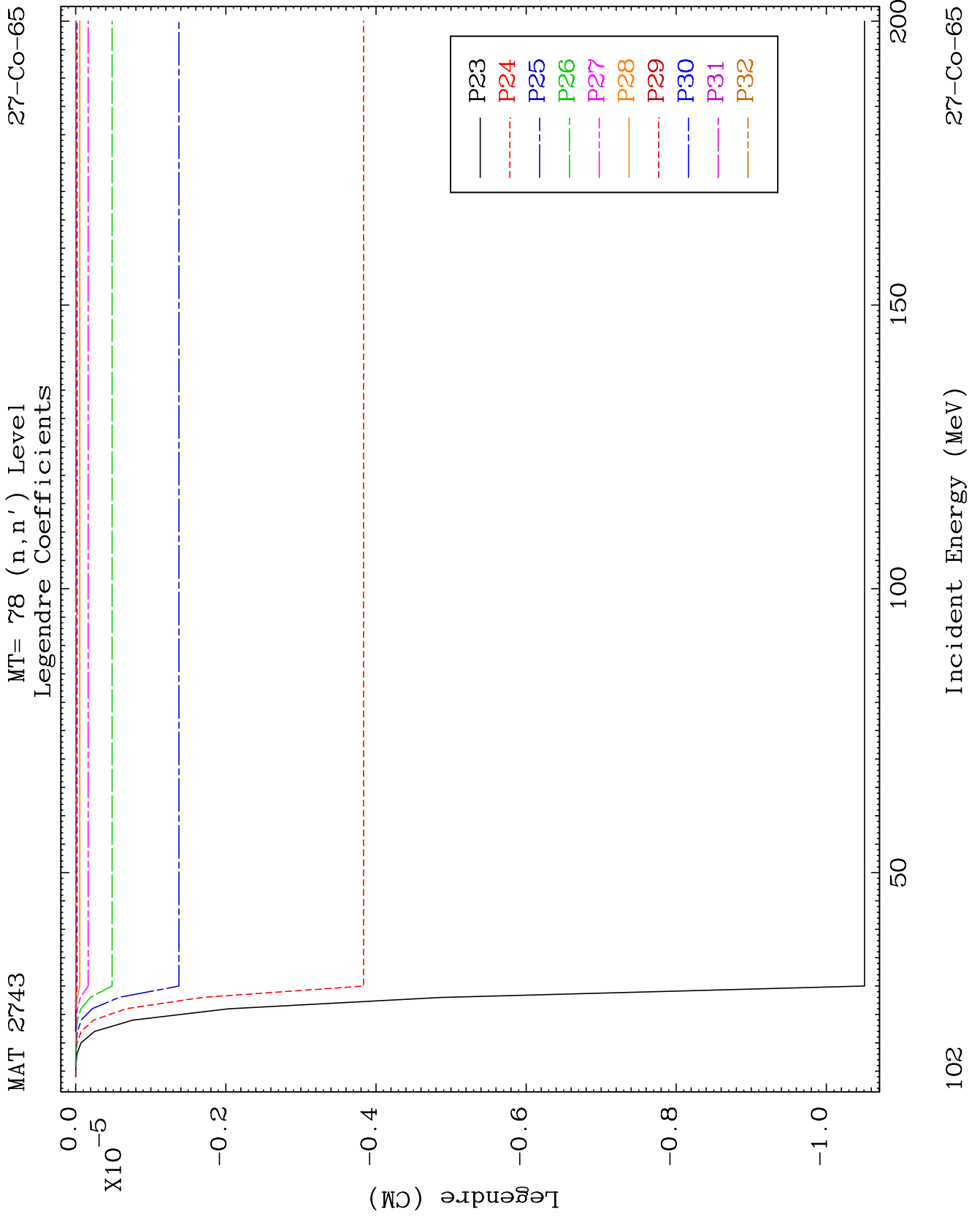
27-Co-65

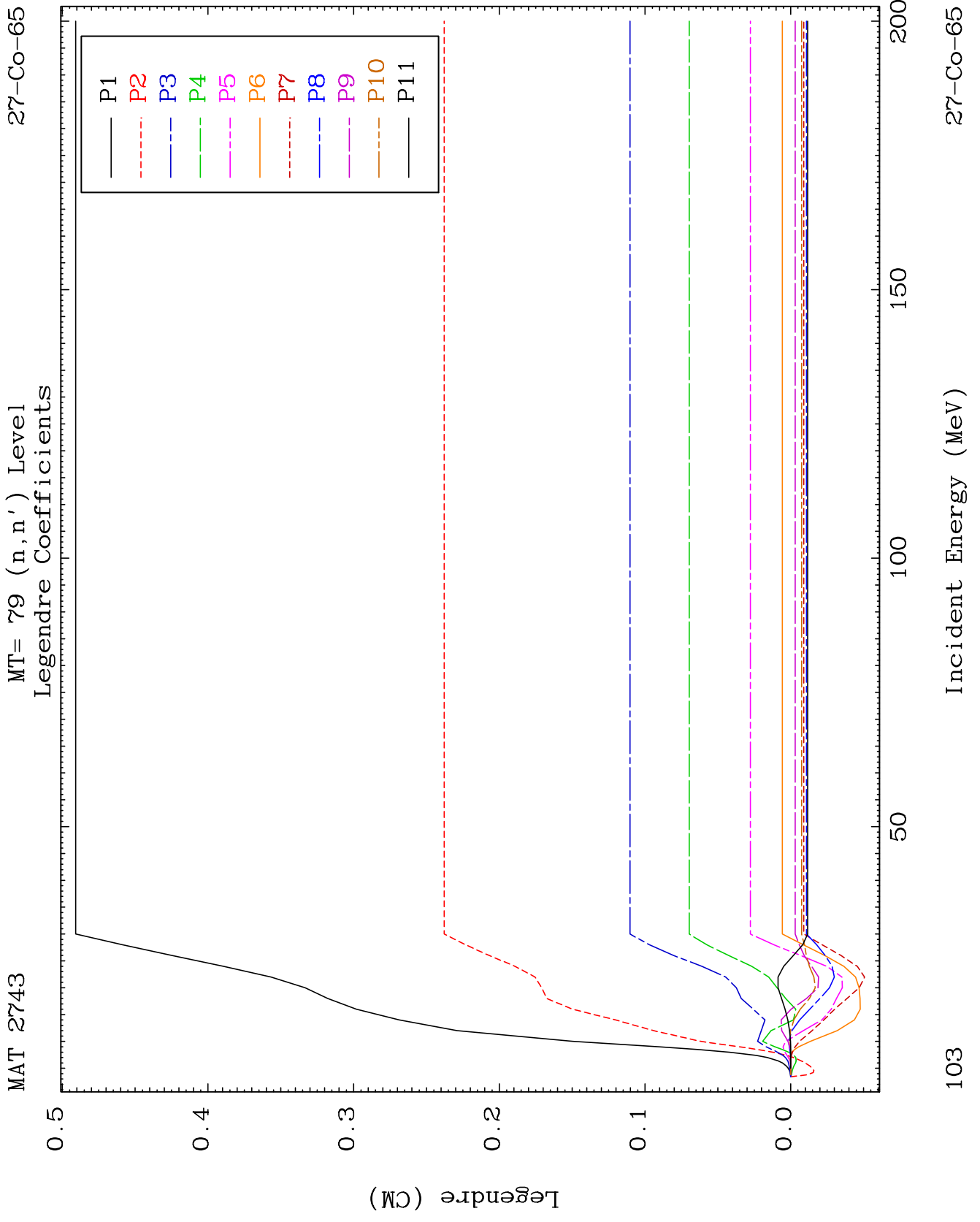


101

Incident Energy (MeV)

27-Co-65

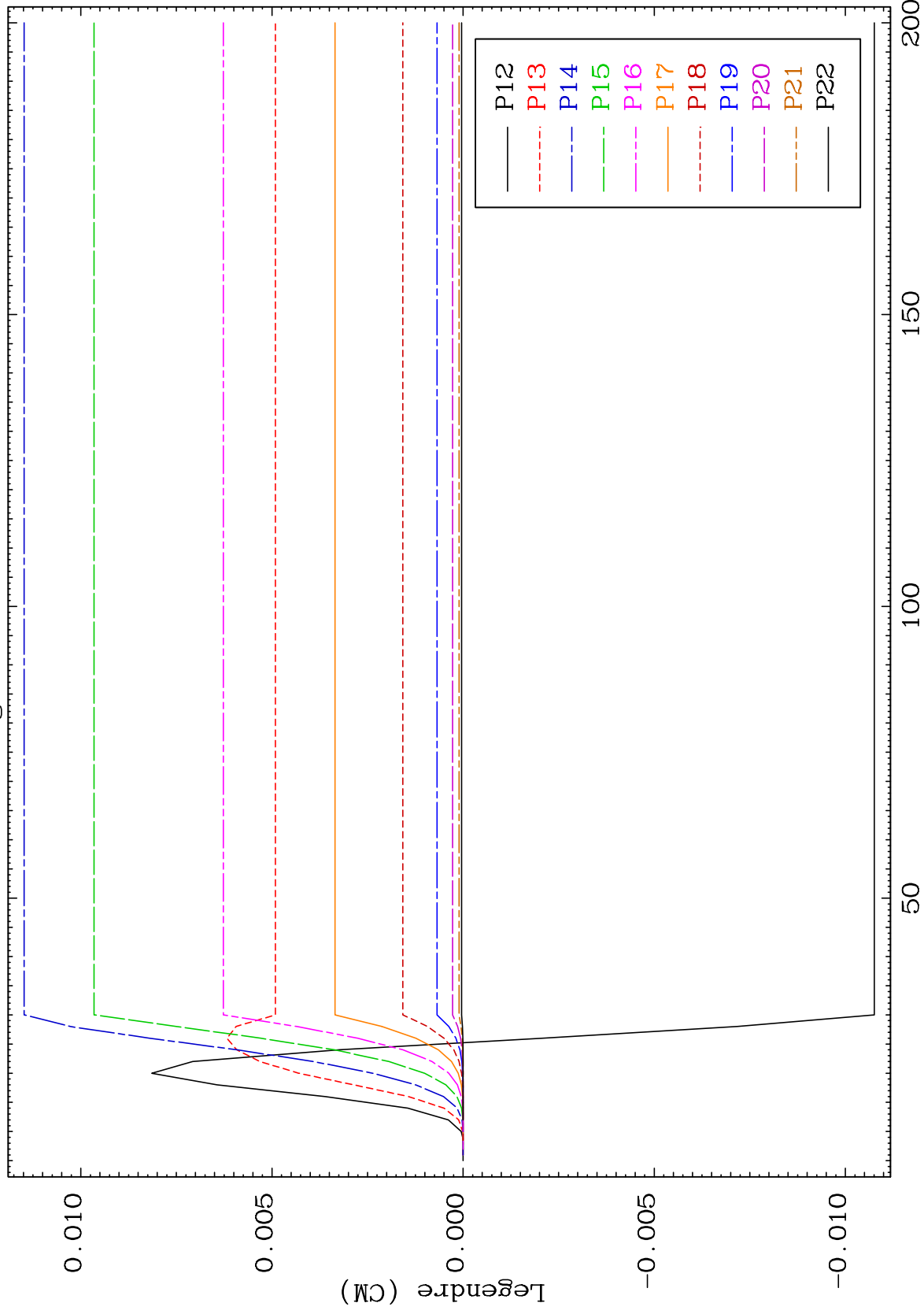




MAT 2743

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

27-Co-65



104

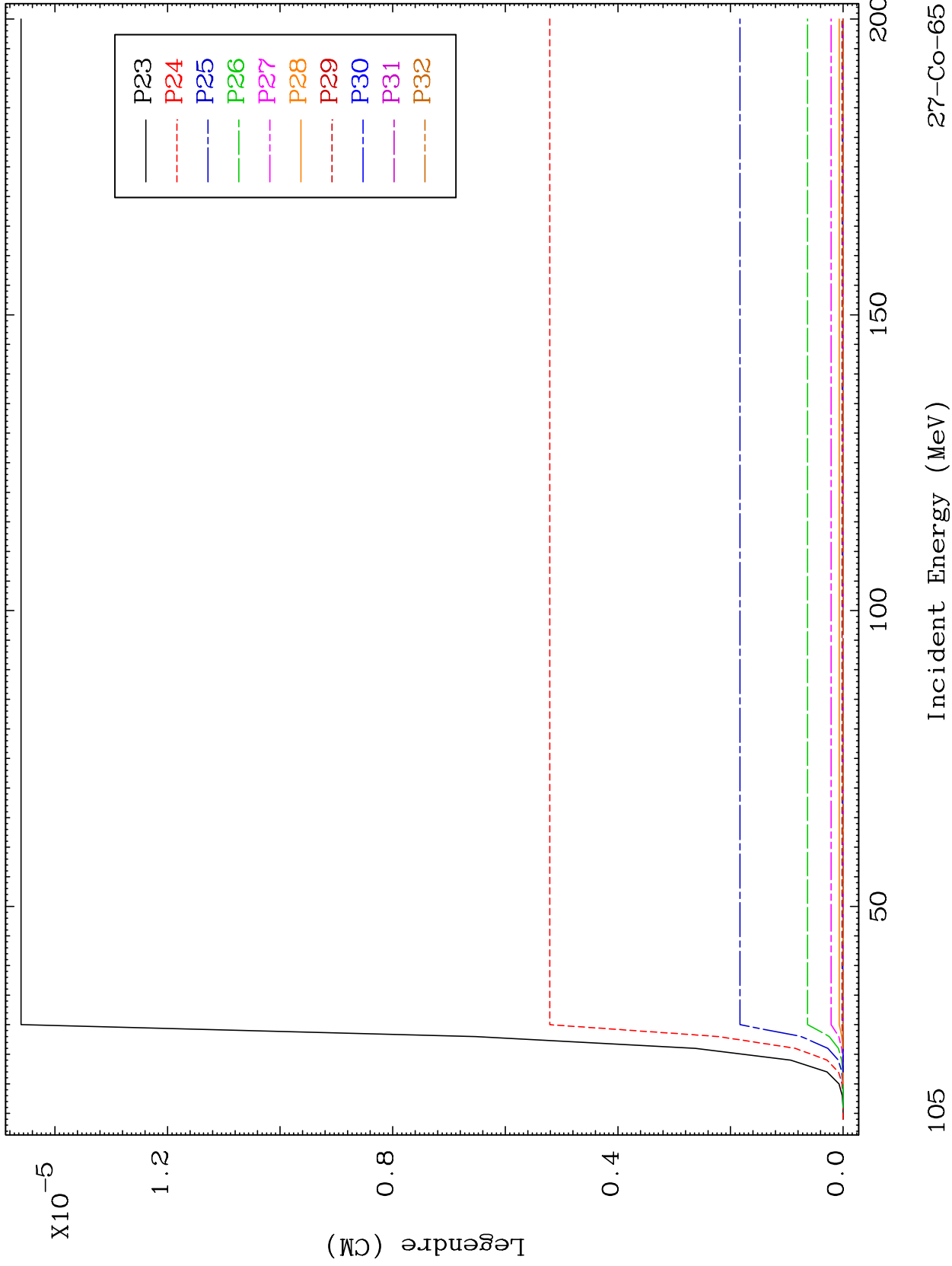
Incident Energy (MeV)

27-Co-65

MAT 2743

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

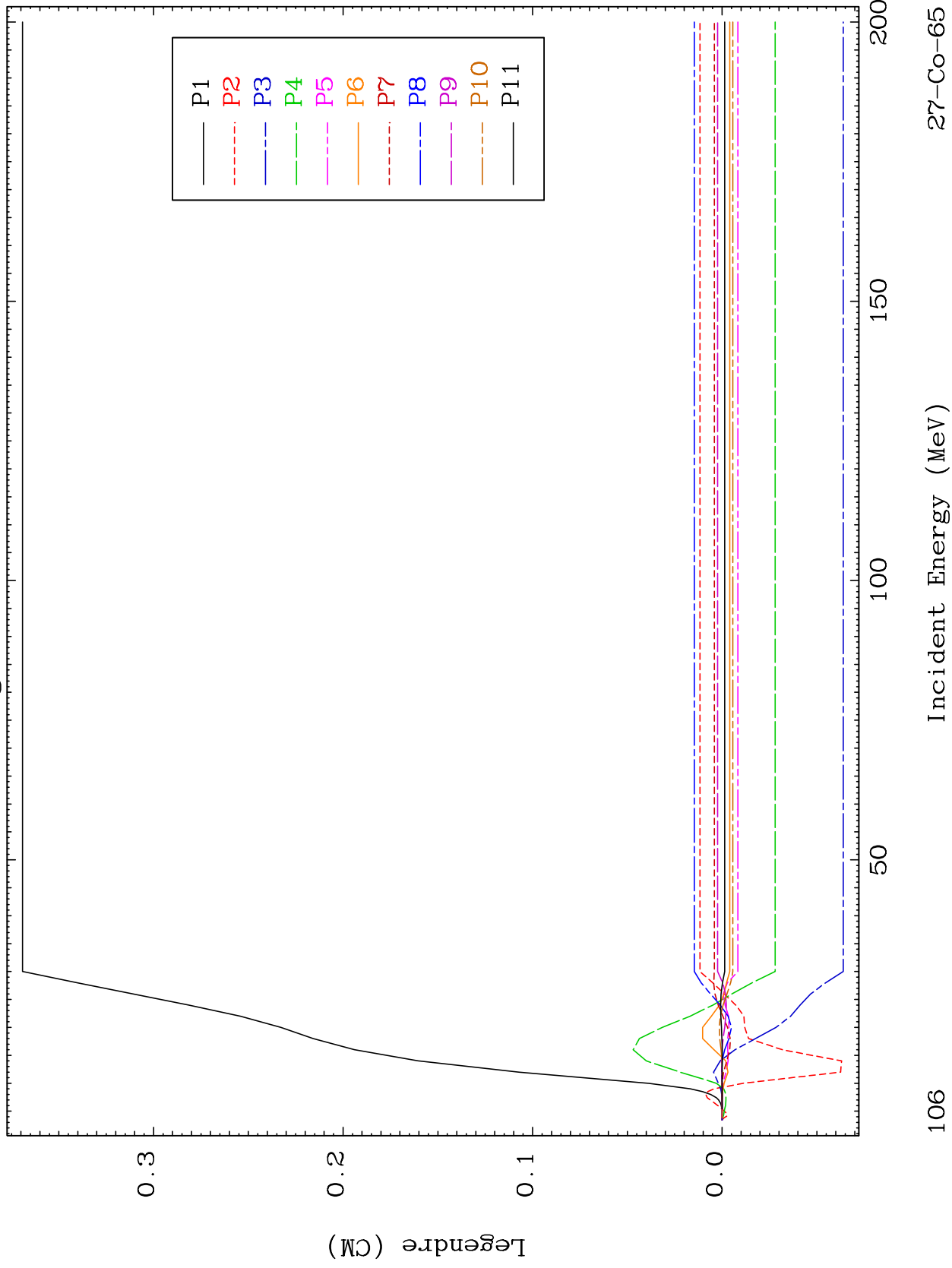
27-Co-65



MAT 2743

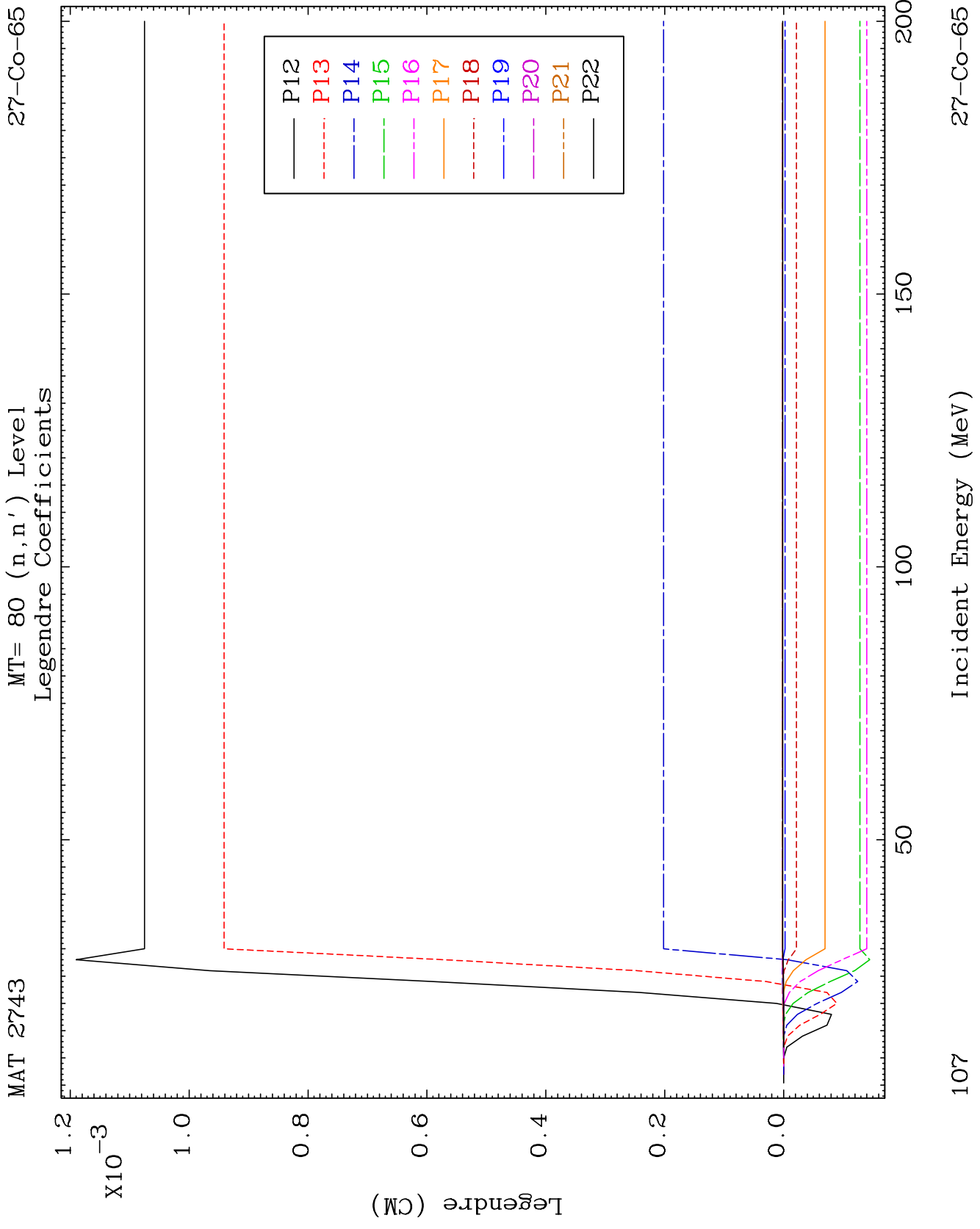
MT= 80 (n,n') Level
Legendre Coefficients

27-Co-65



106

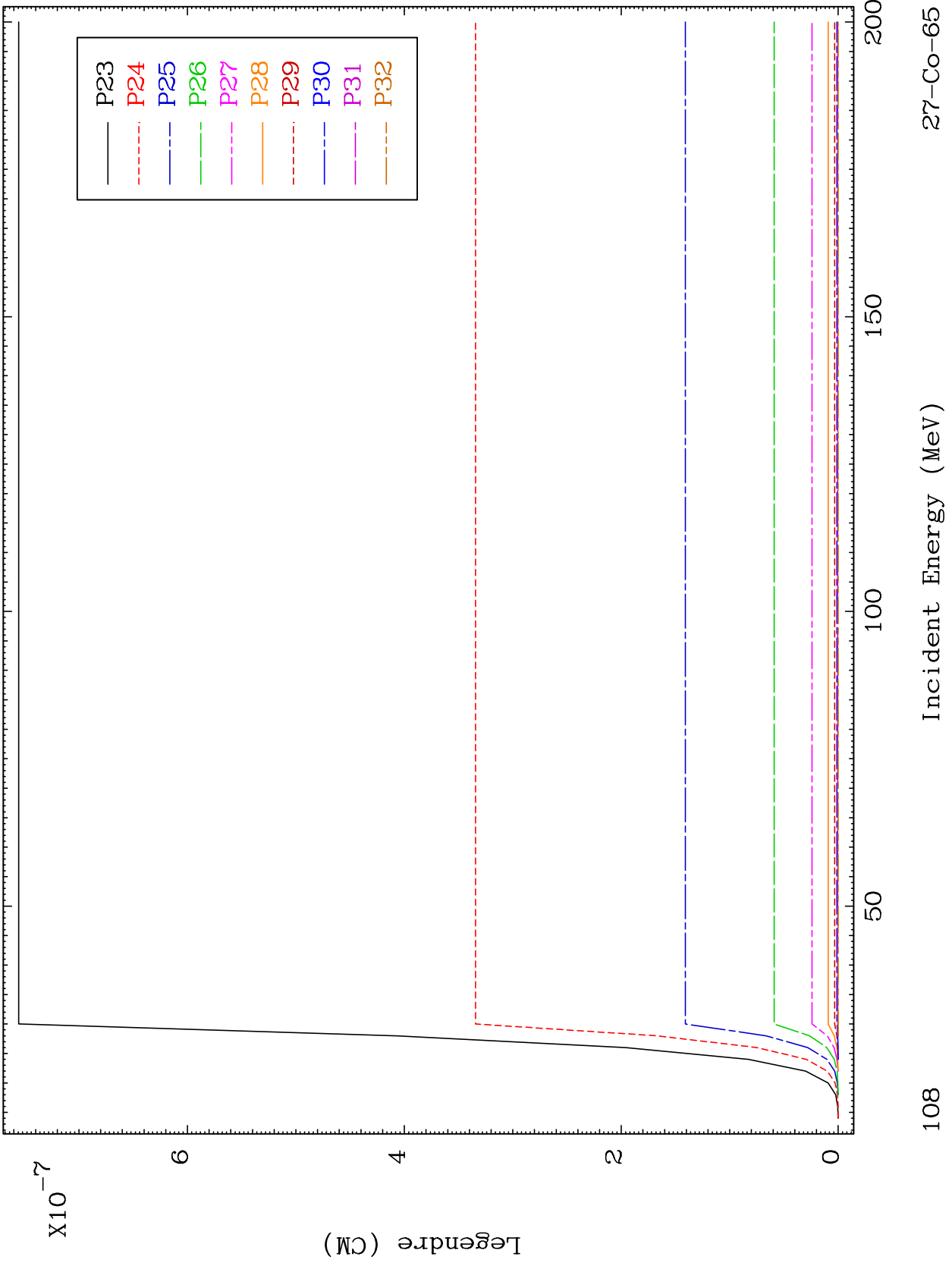
27-Co-65



MAT 2743

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

27-Co-65



108

Incident Energy (MeV)

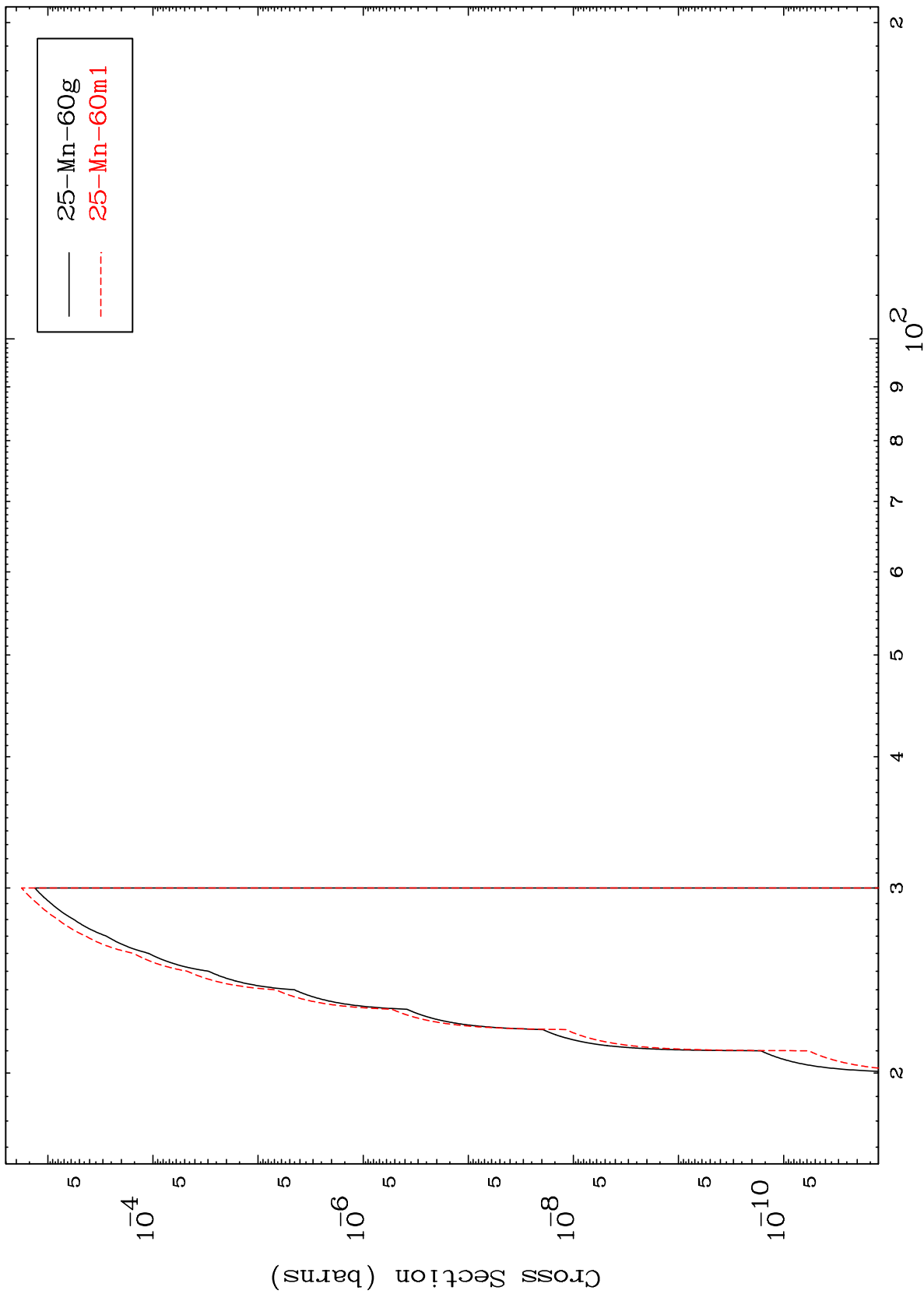
27-Co-65

MAT 2743

(n,2n) α

27-Co-65

Radionuclide Production Cross Section



109

Incident Energy (MeV)

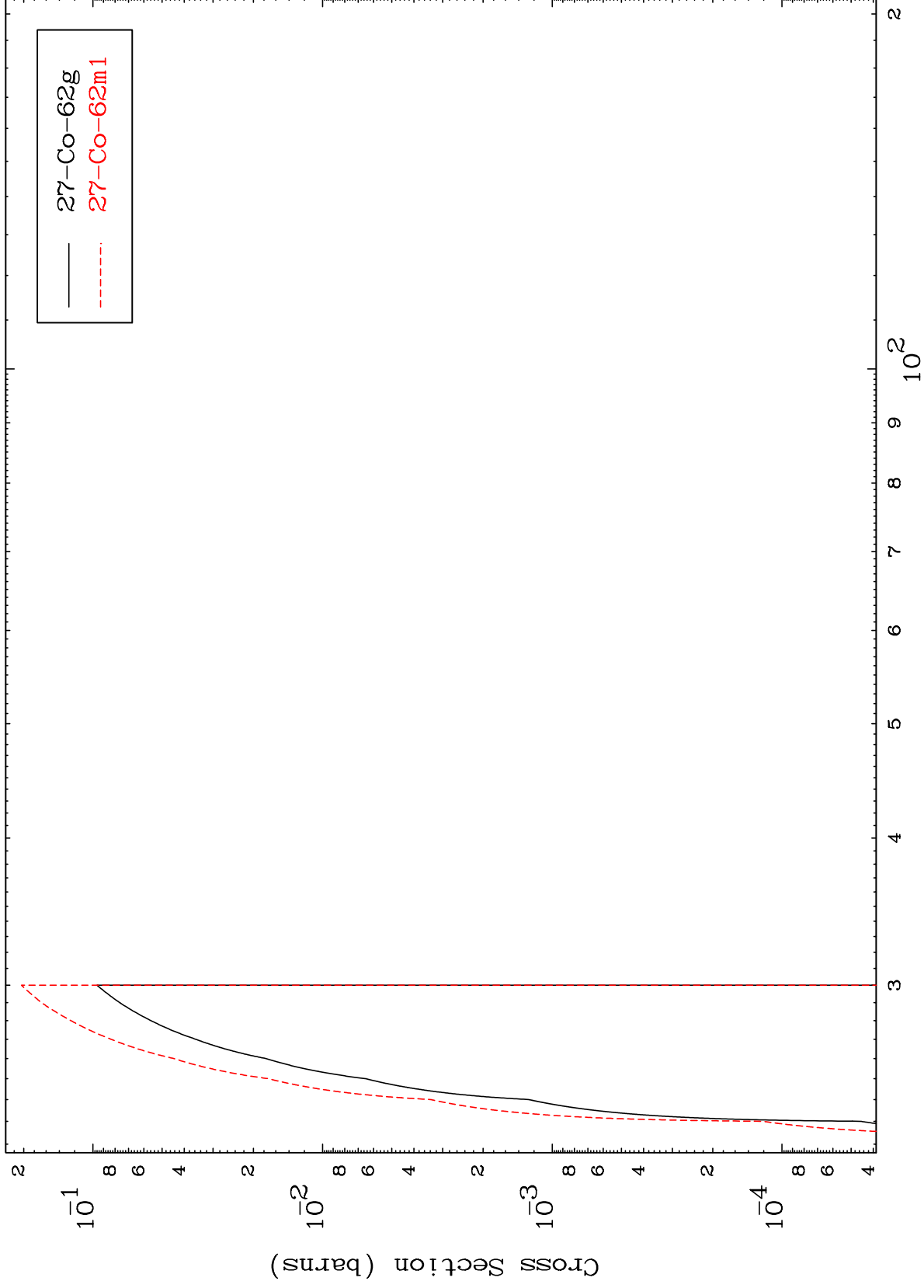
27-Co-65

MAT 2743

(n,4n)

²⁷Co-65

Radionuclide Production Cross Section



110

Incident Energy (MeV)

²⁷Co-65

