

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

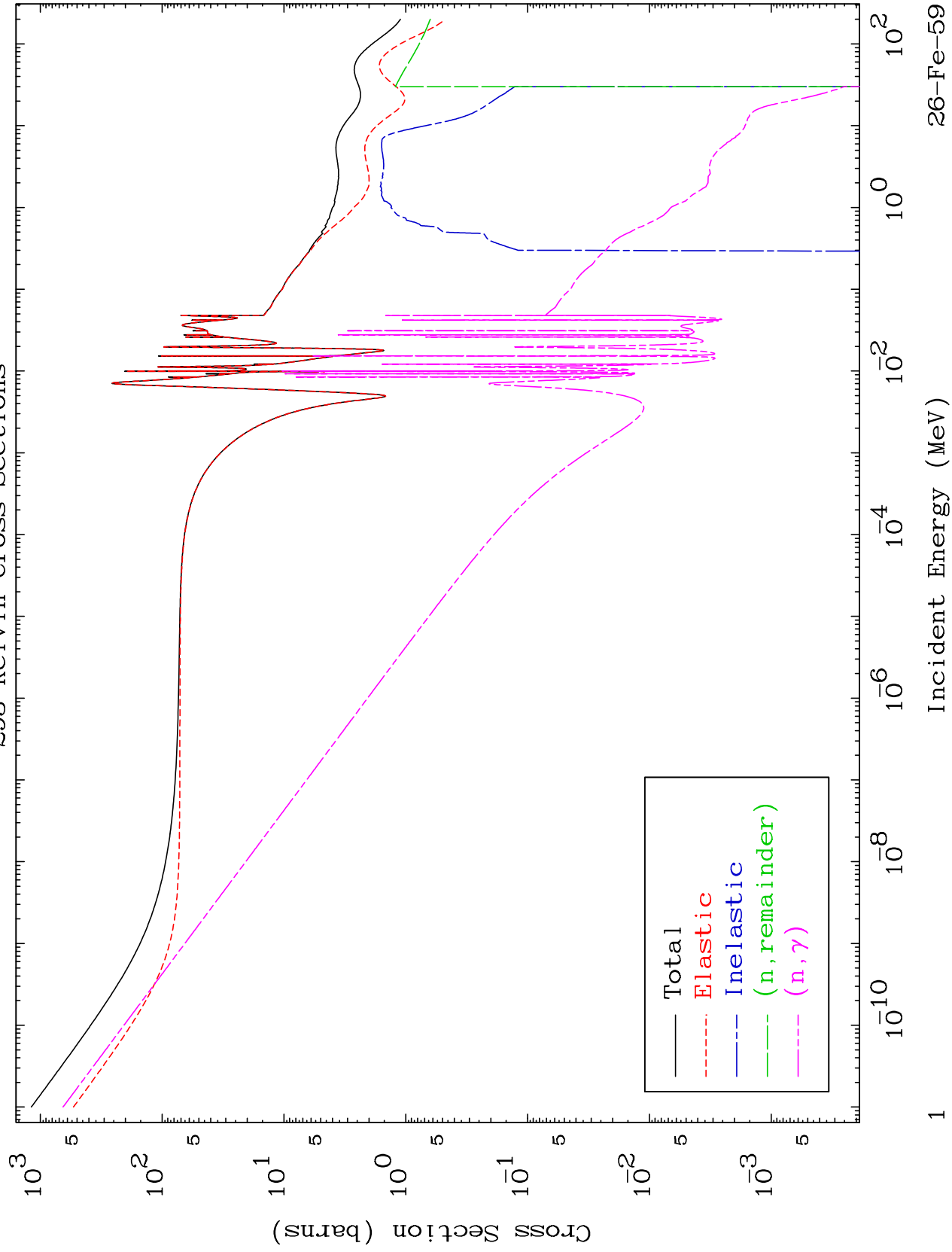
Press Mouse Button to Start

MAT 2640

Major

293 Kelvin Cross Sections

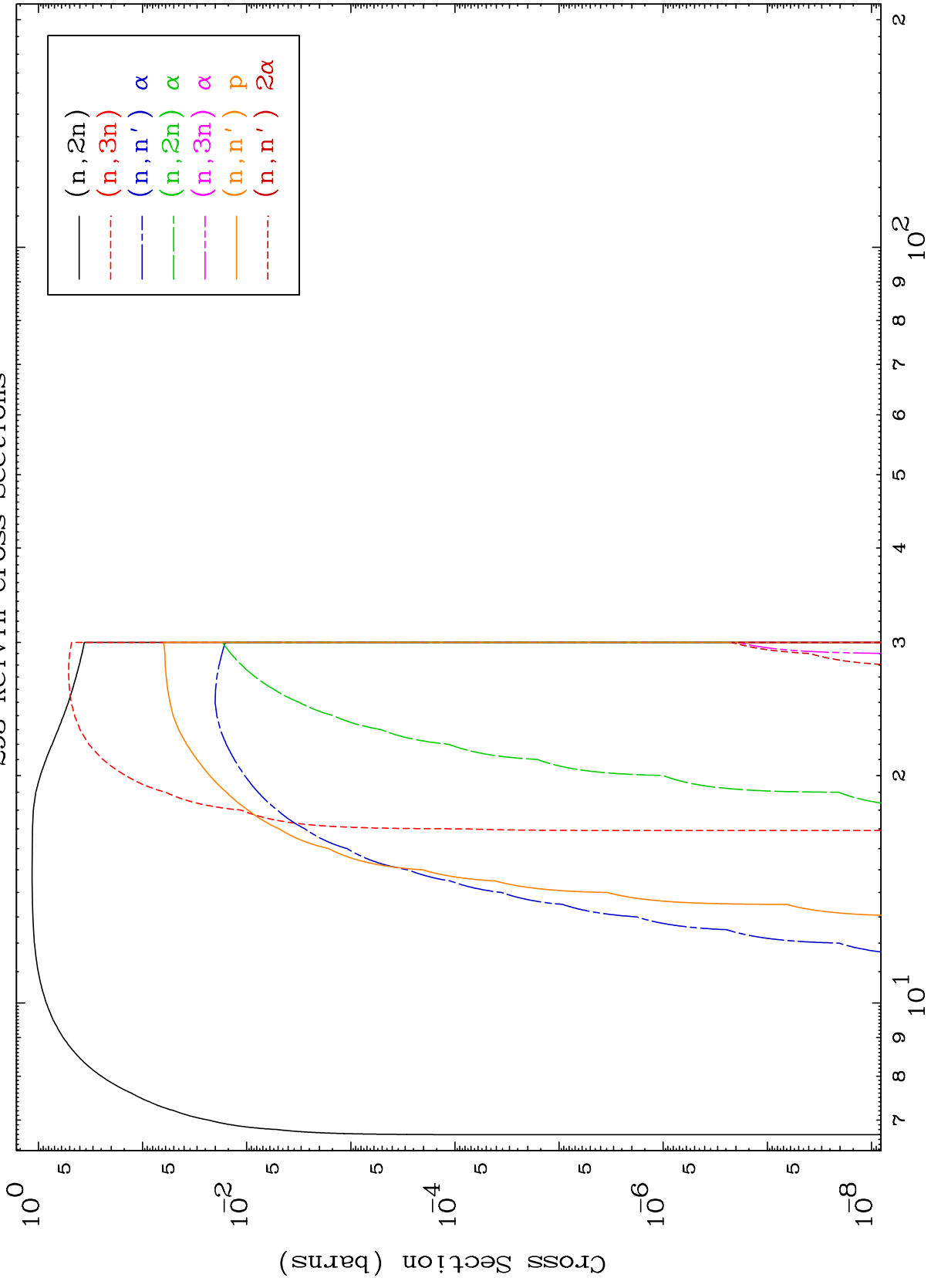
26-Fe-59



MAT 2640

Neutron Production
293 Kelvin Cross Sections

26-Fe-59



2

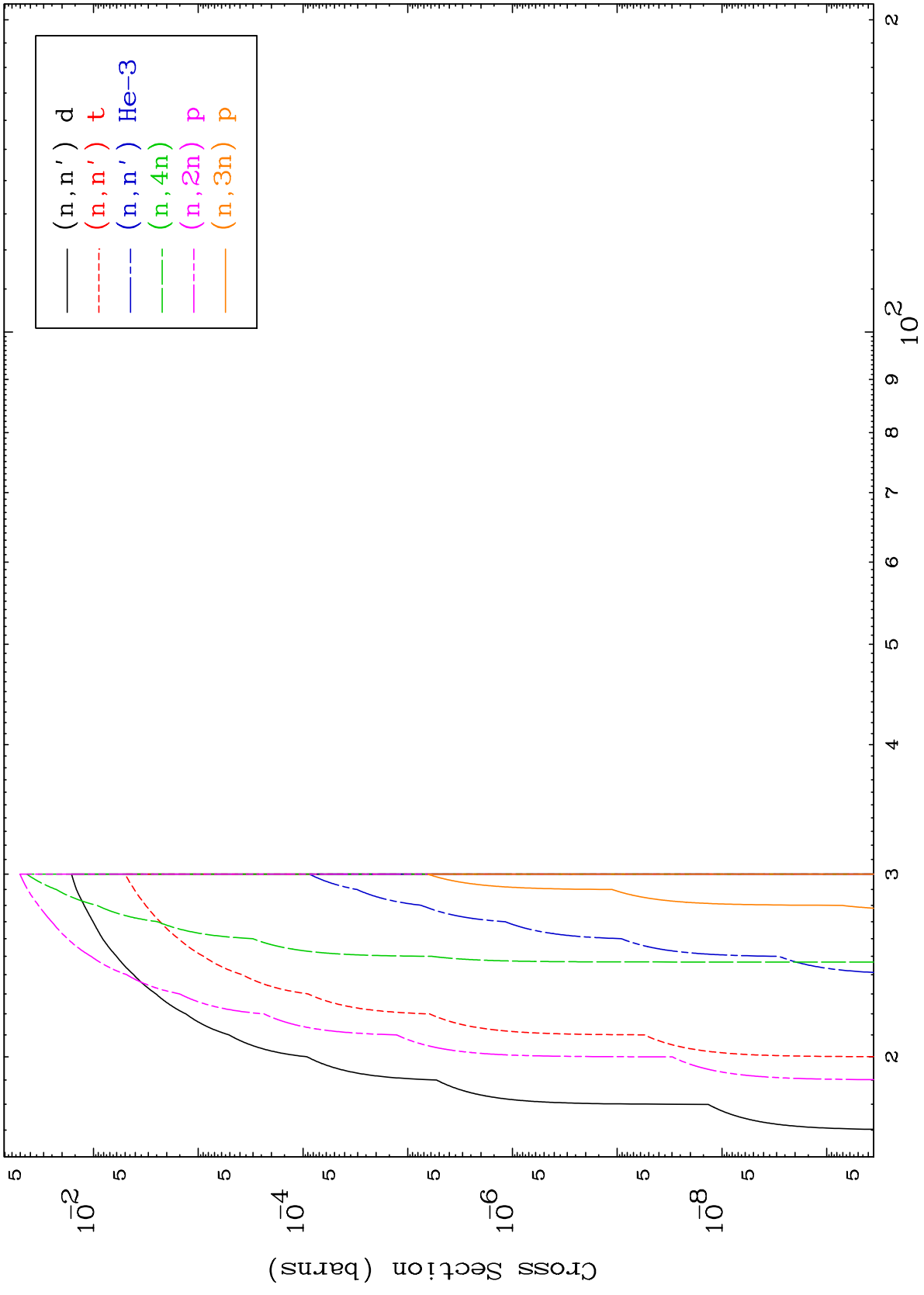
Incident Energy (MeV)

26-Fe-59

MAT 2640

Neutron Production
293 Kelvin Cross Sections

26-Fe-59



3

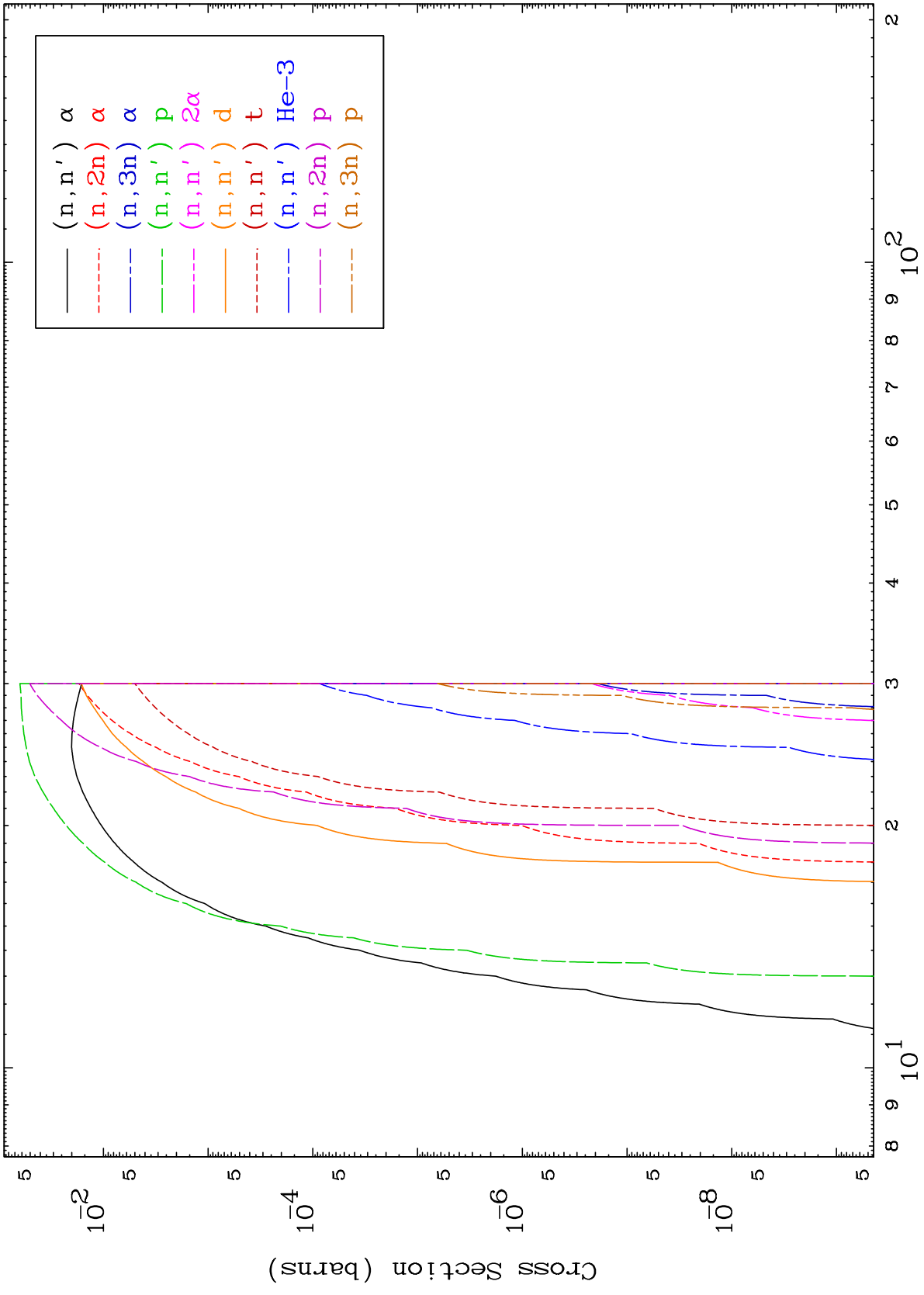
Incident Energy (MeV)

26-Fe-59

MAT 2640

Charged Particle
293 Kelvin Cross Sections

26-Fe-59



4

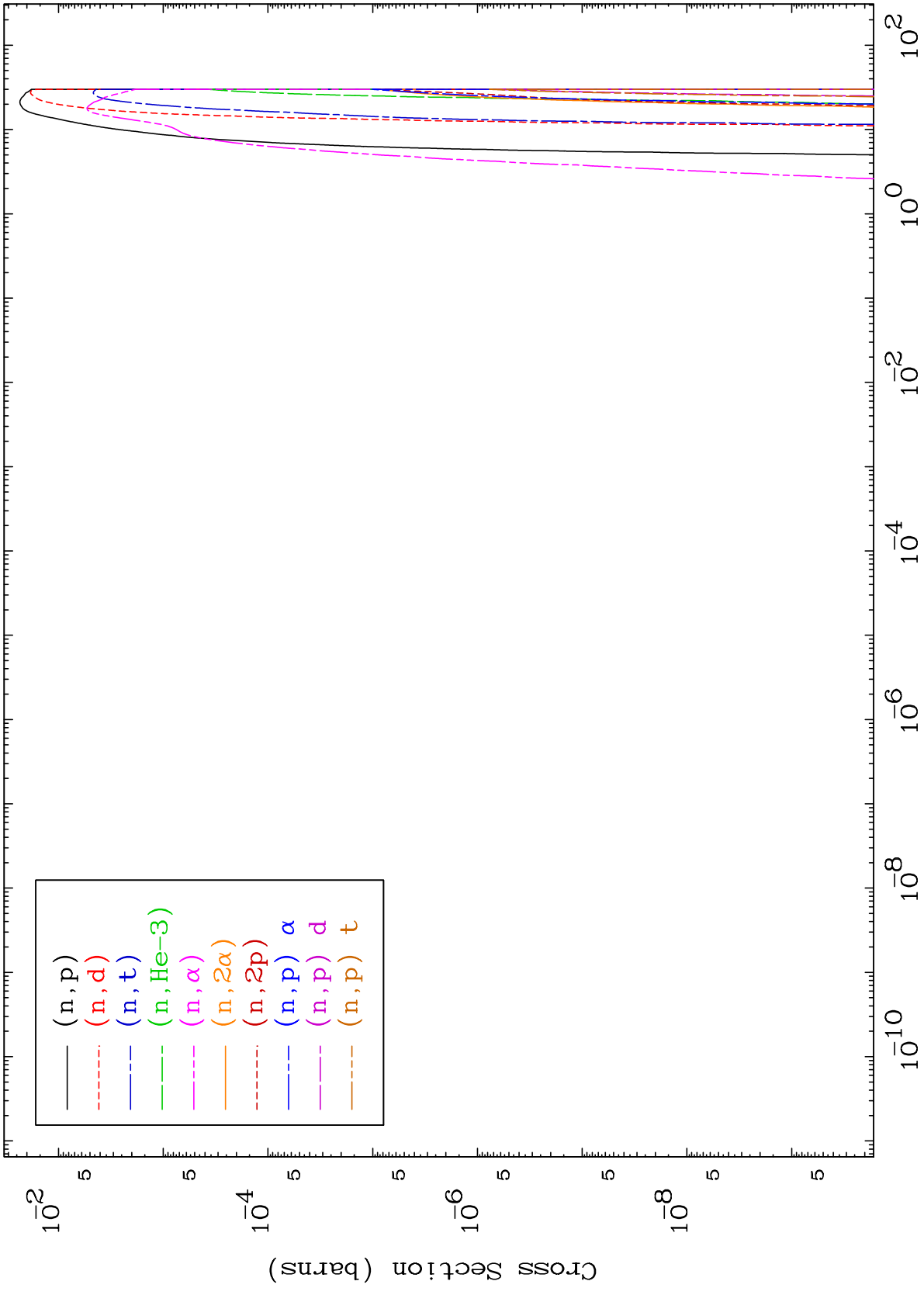
Incident Energy (MeV)

26-Fe-59

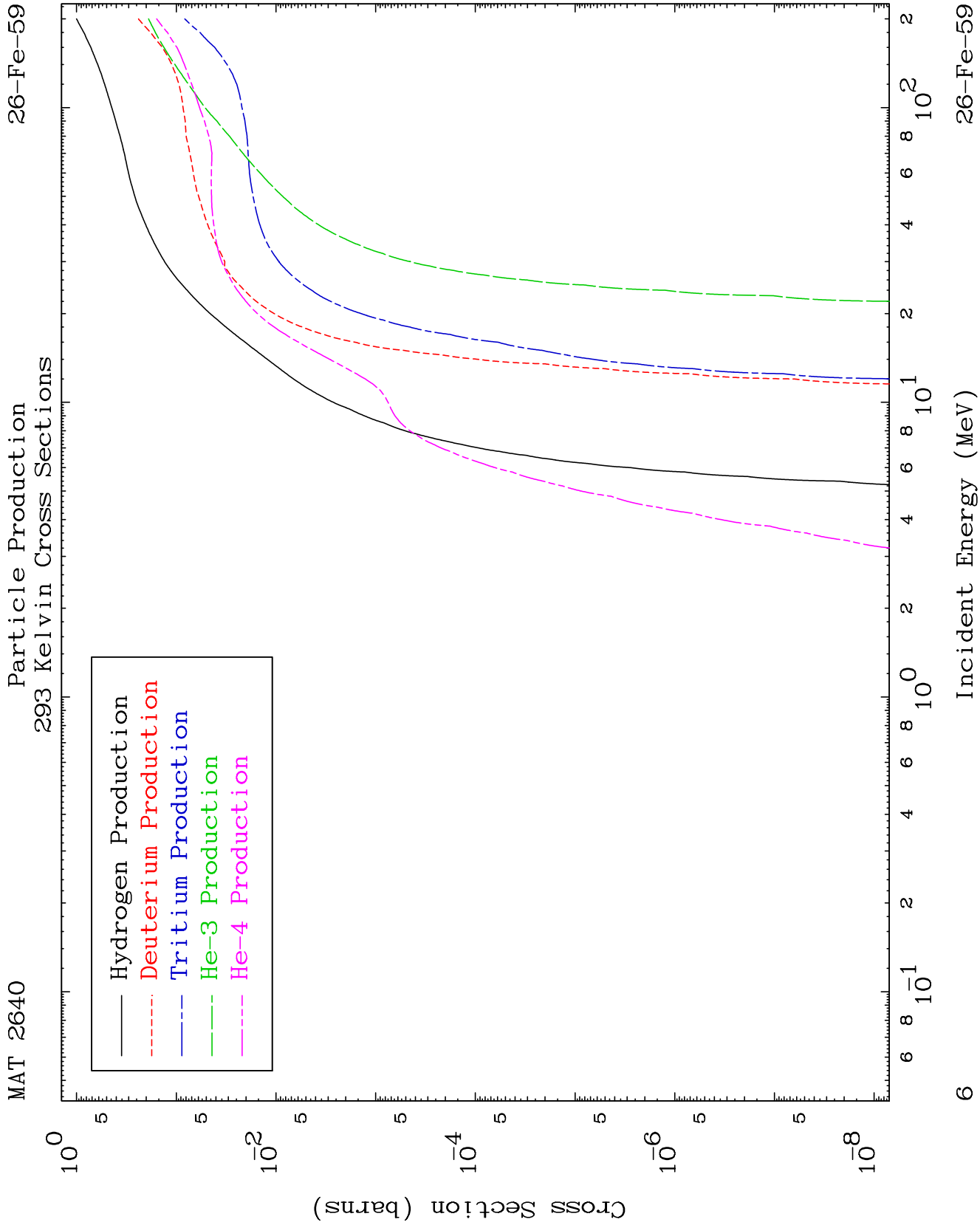
MAT 2640

Charged Particle
293 Kelvin Cross Sections

26-Fe-59



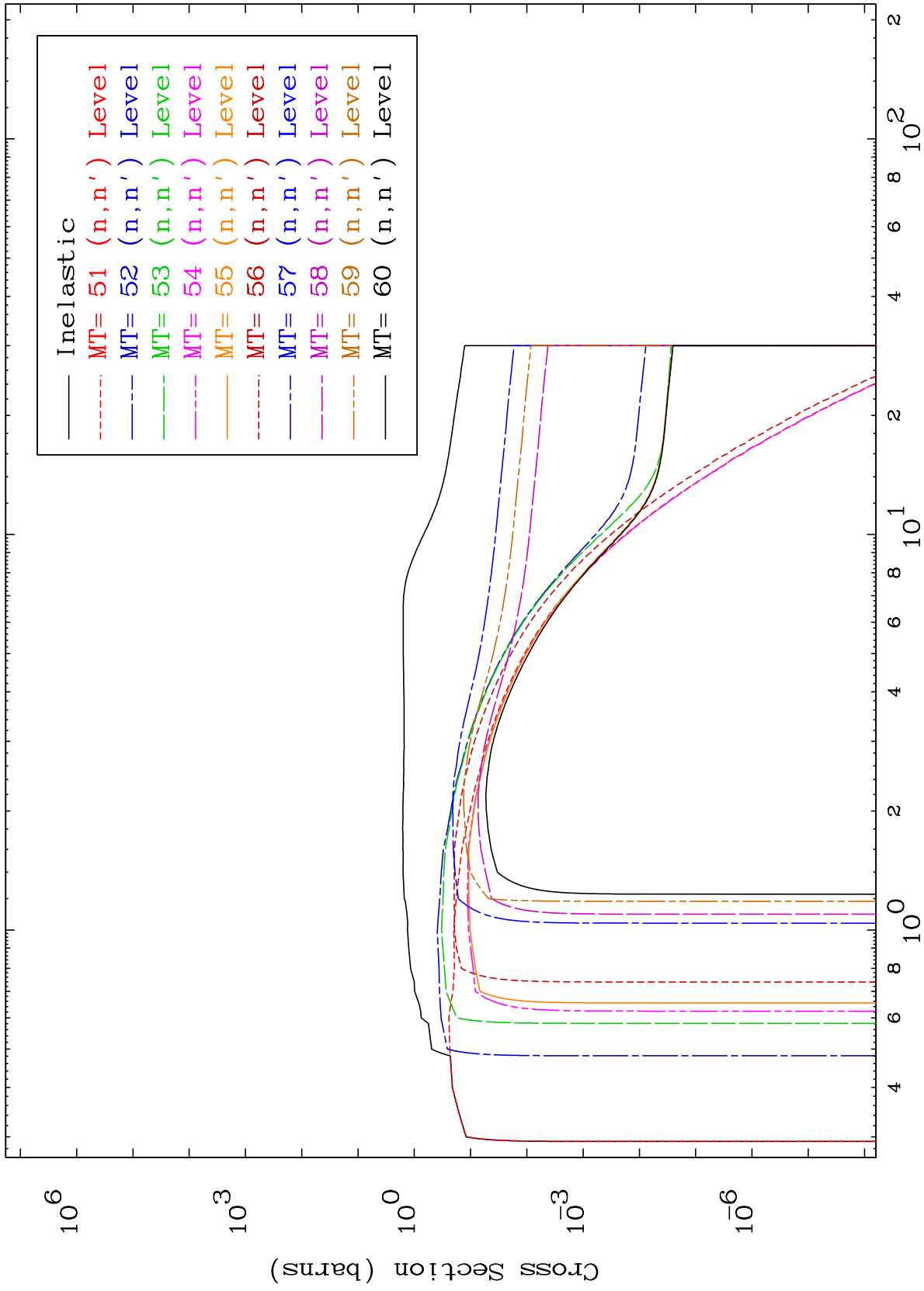
26-Fe-59



MAT 2640

(n,n') Level
293 Kelvin Cross Sections

26-Fe-59



7

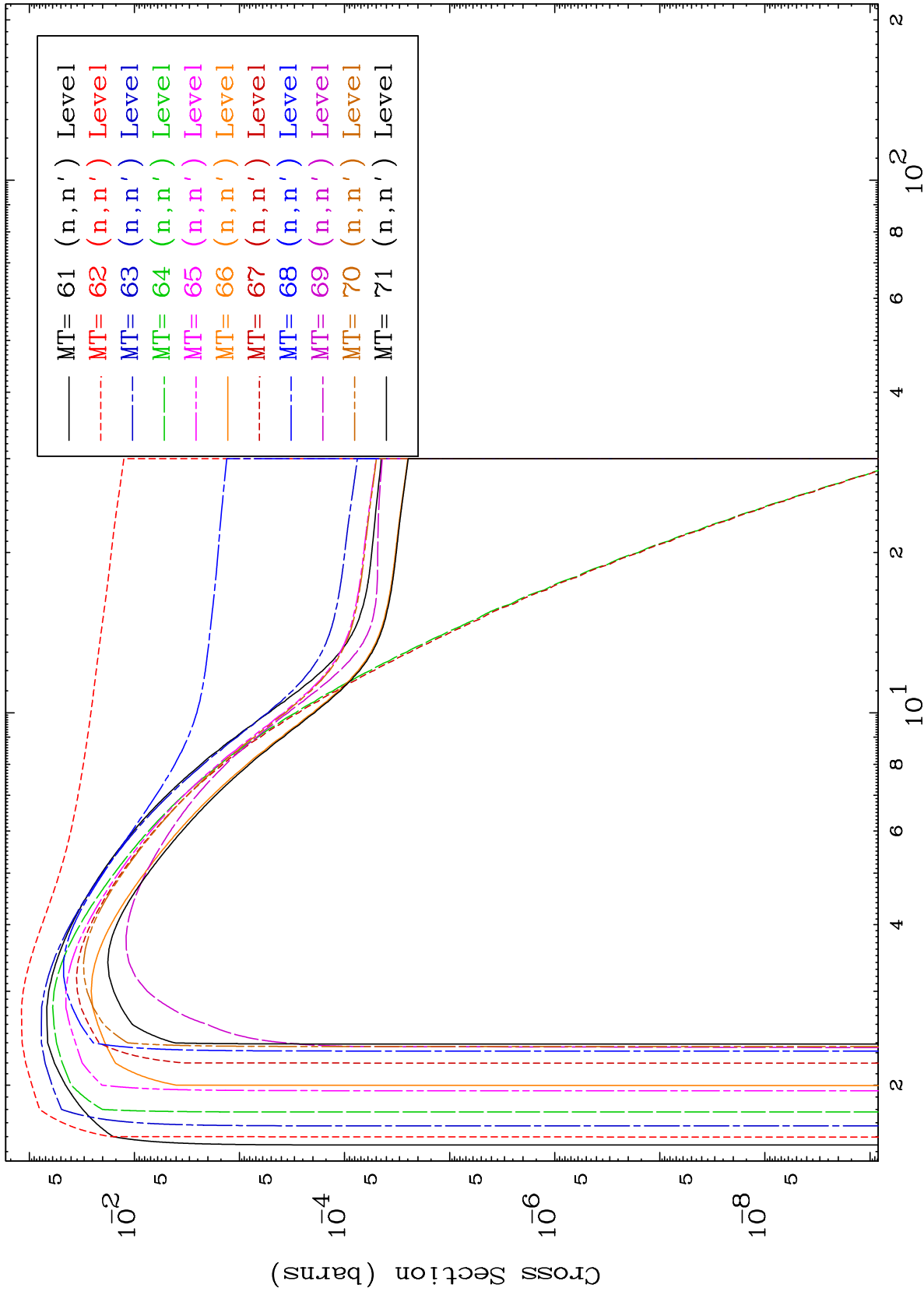
Incident Energy (MeV)

26-Fe-59

MAT 2640

(n,n') Level
293 Kelvin Cross Sections

26-Fe-59



8

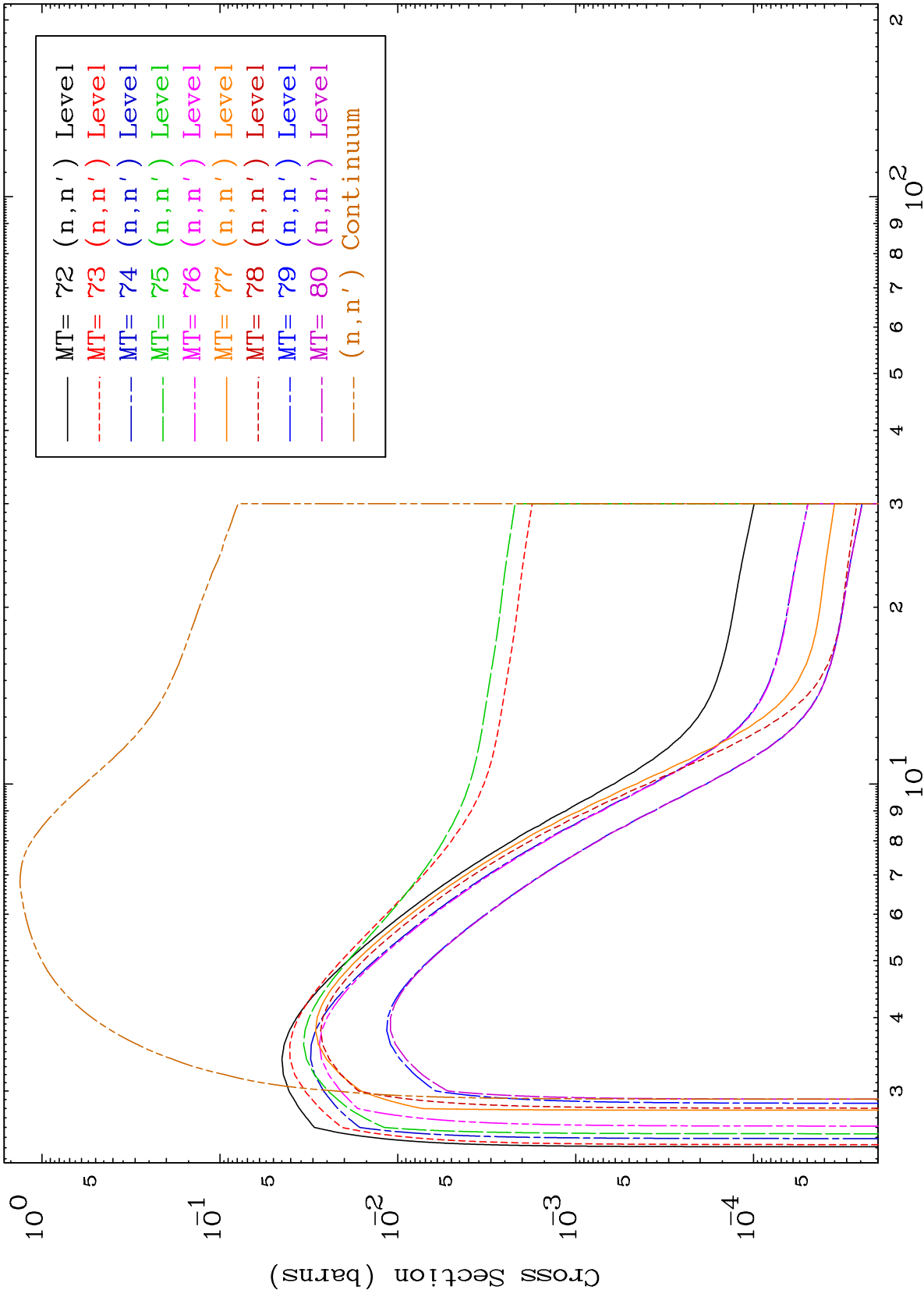
Incident Energy (MeV)

26-Fe-59

MAT 2640

(n,n') Level
293 Kelvin Cross Sections

26-Fe-59



9

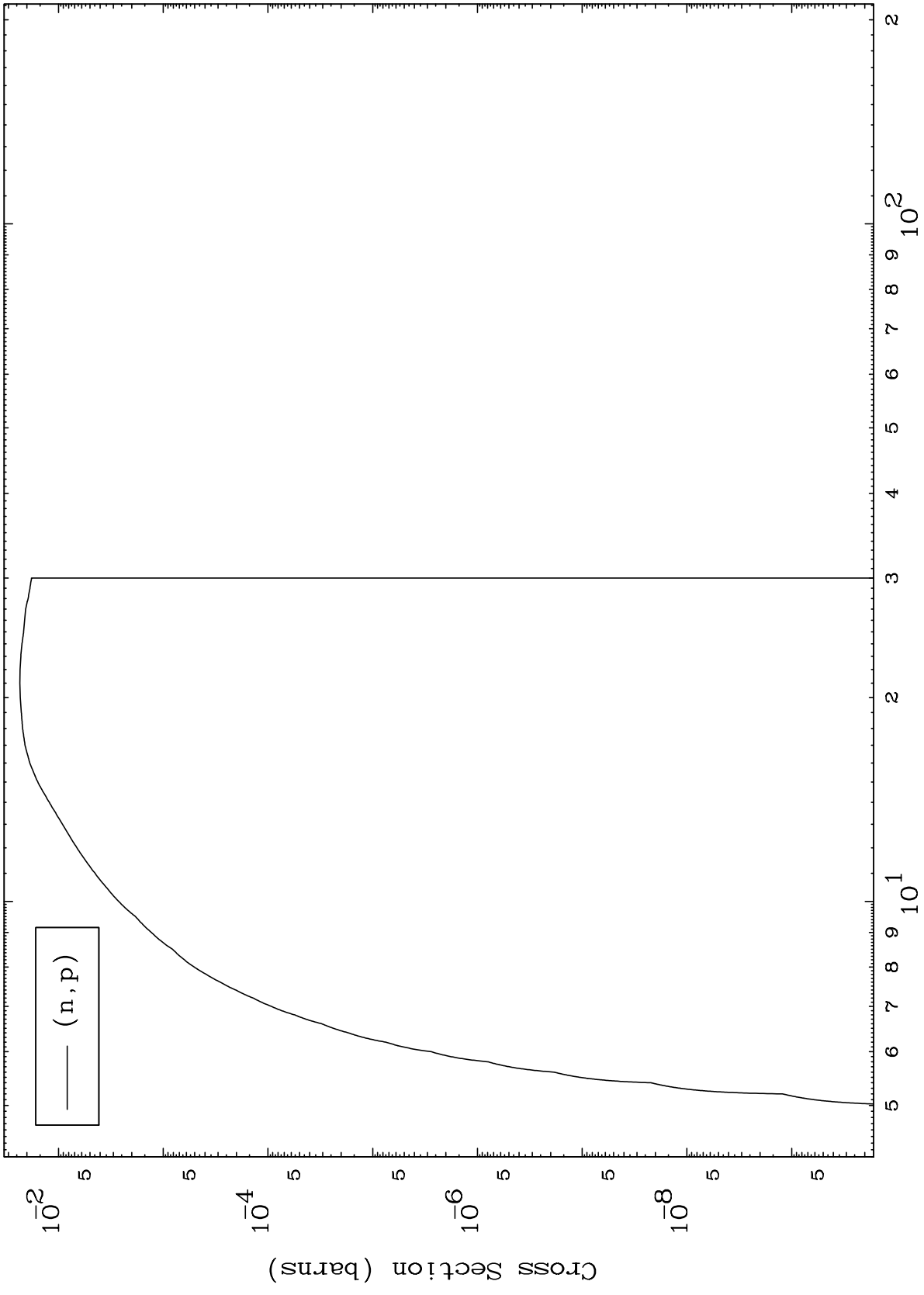
Incident Energy (MeV)

26-Fe-59

MAT 2640

(n,p) Levels
293 Kelvin Cross Sections

²⁶Fe-59



10

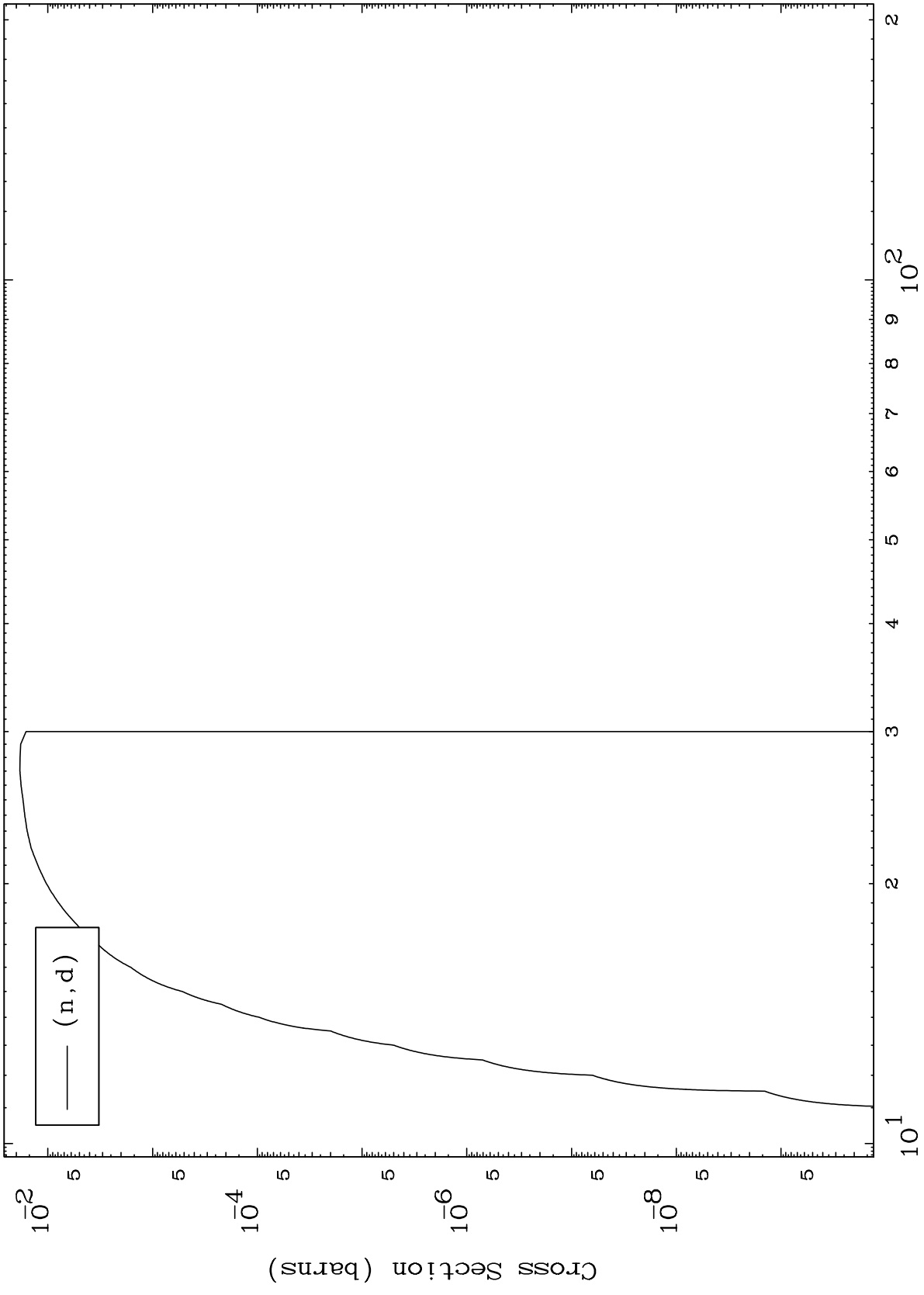
Incident Energy (MeV)

²⁶Fe-59

MAT 2640

(n,d) Levels
293 Kelvin Cross Sections

²⁶Fe-59



11

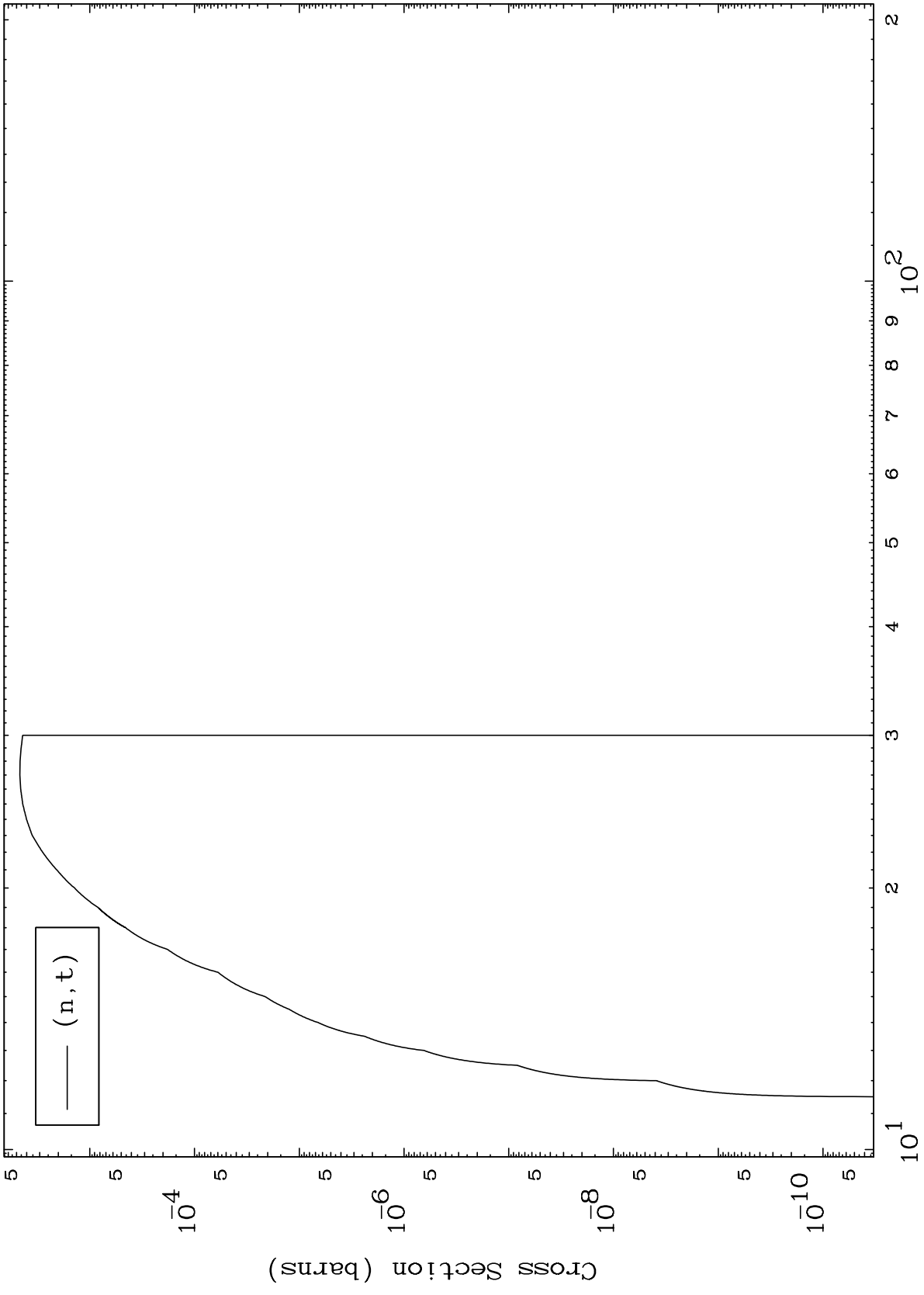
Incident Energy (MeV)

²⁶Fe-59

MAT 2640

(n,t) Levels
293 Kelvin Cross Sections

26-Fe-59



12

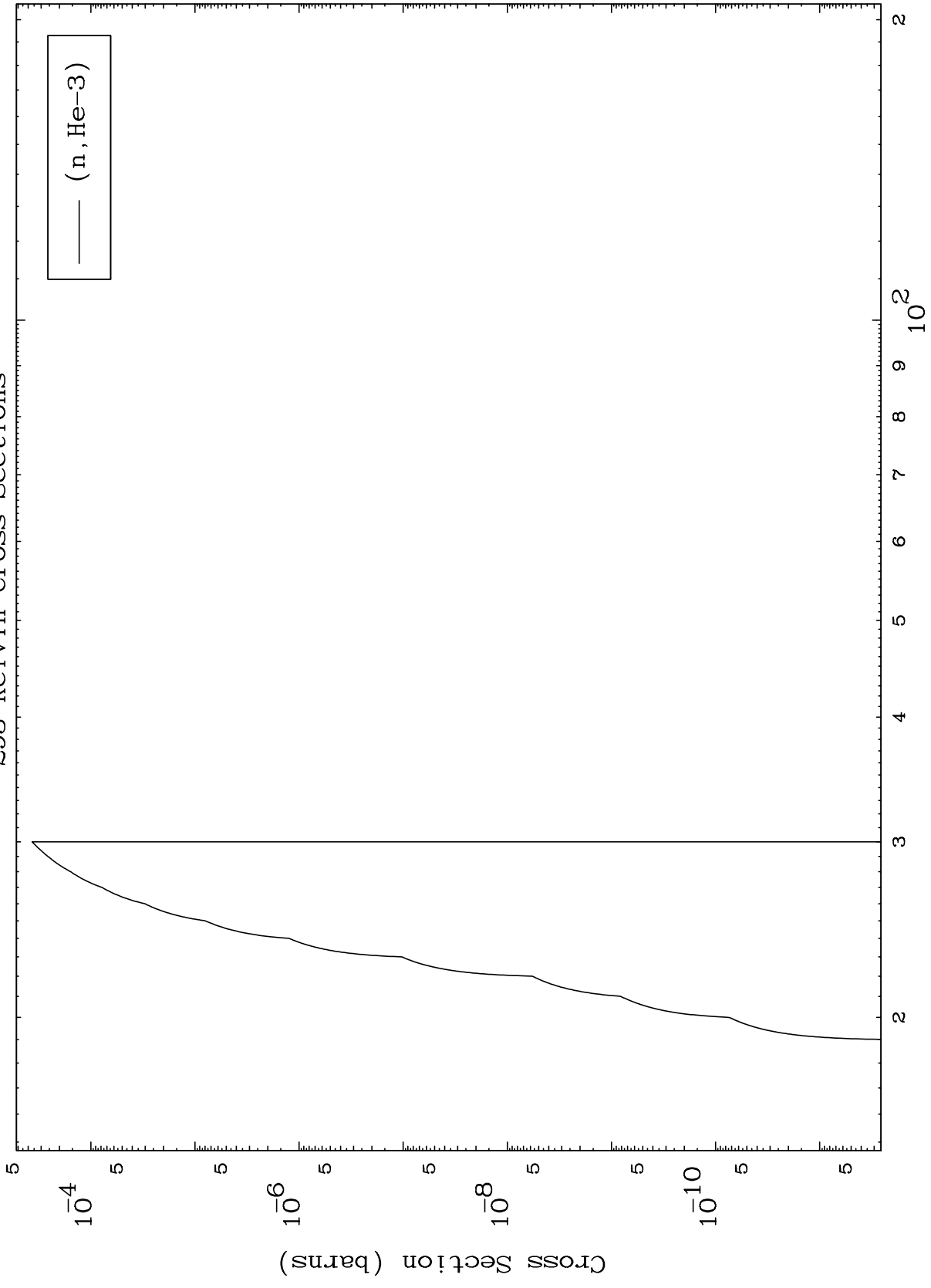
Incident Energy (MeV)

26-Fe-59

MAT 2640

(n,He3) Levels
293 Kelvin Cross Sections

26-Fe-59



13

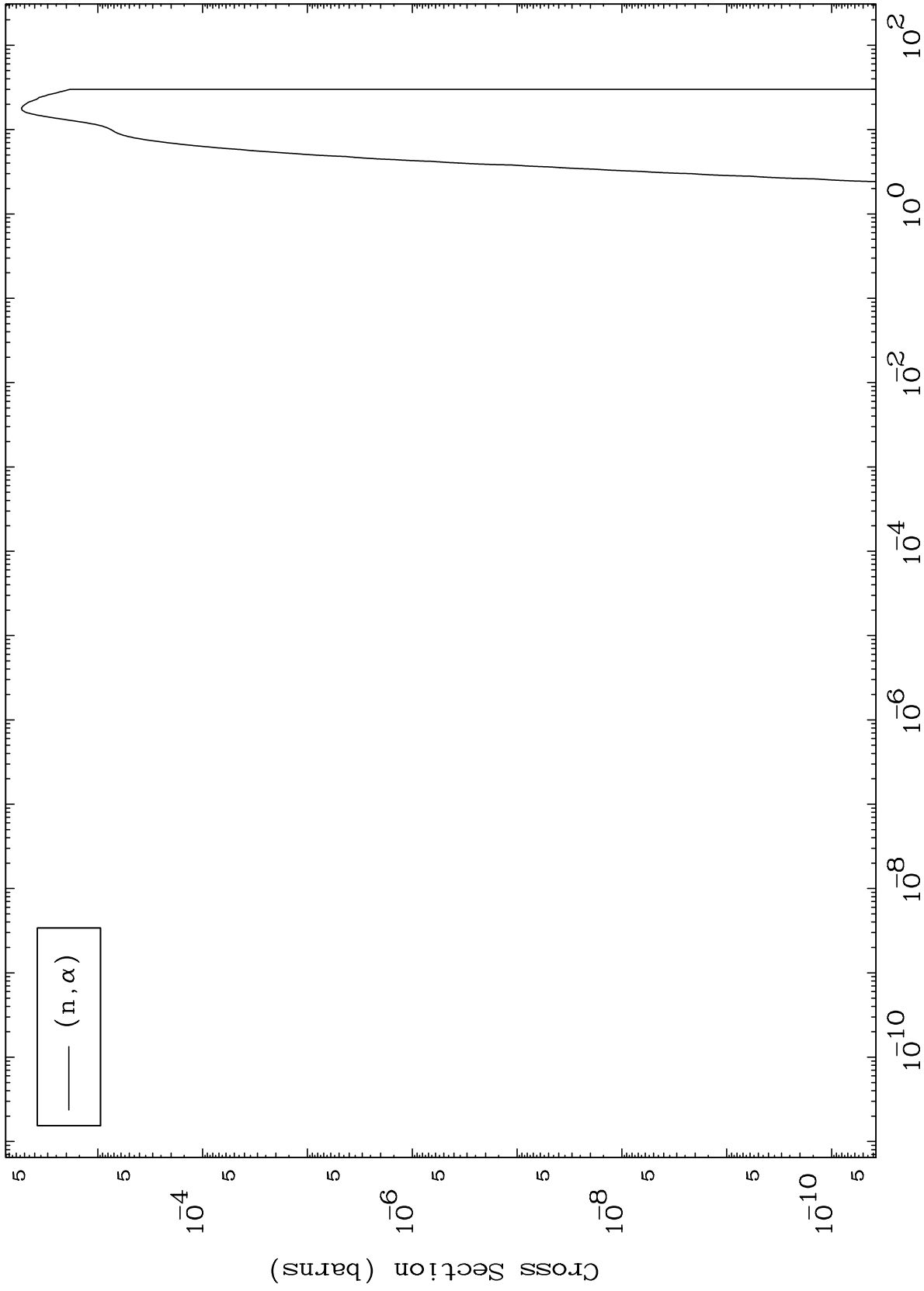
Incident Energy (MeV)

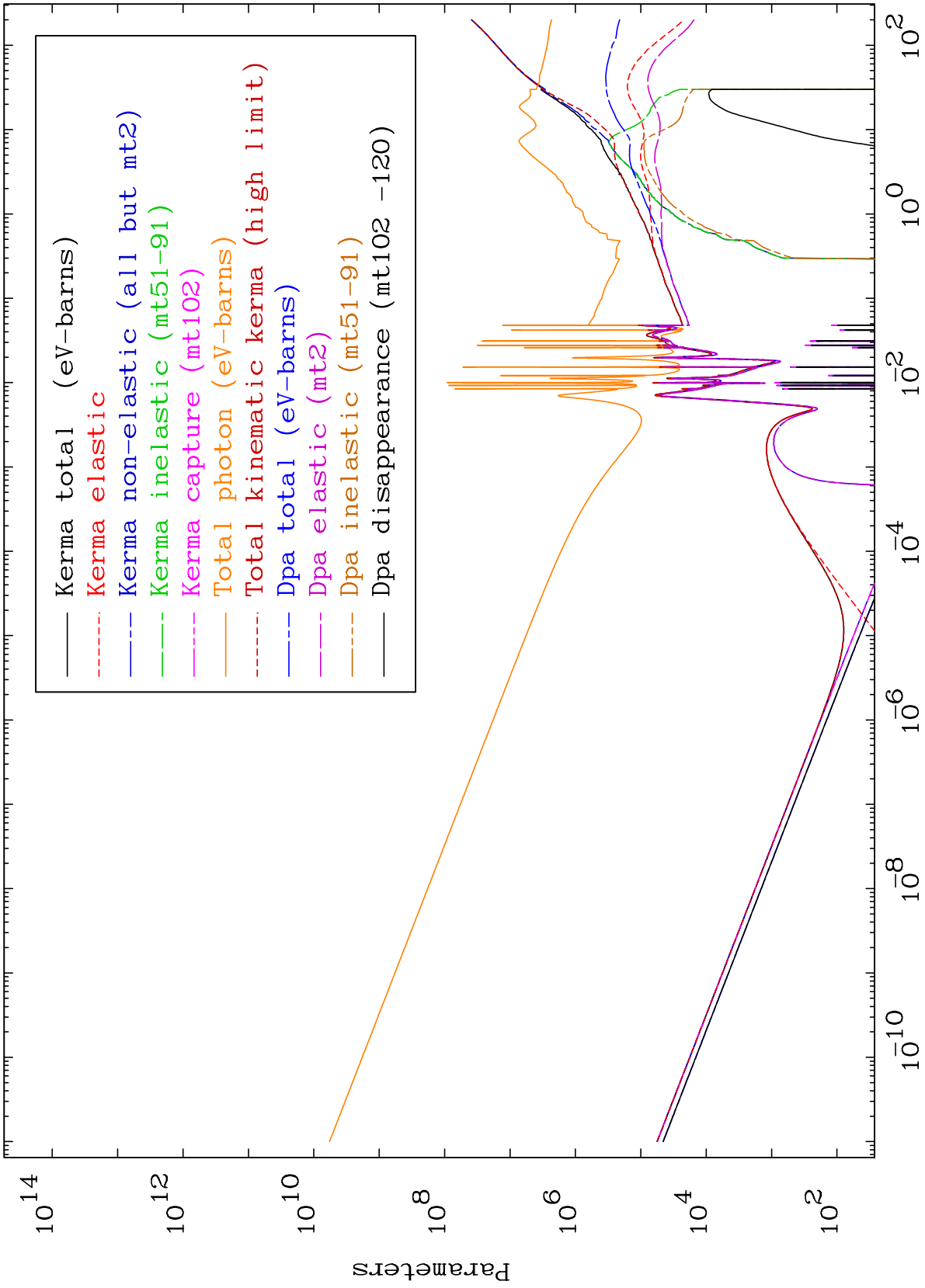
26-Fe-59

MAT 2640

(n,α) Levels
293 Kelvin Cross Sections

26-Fe-59

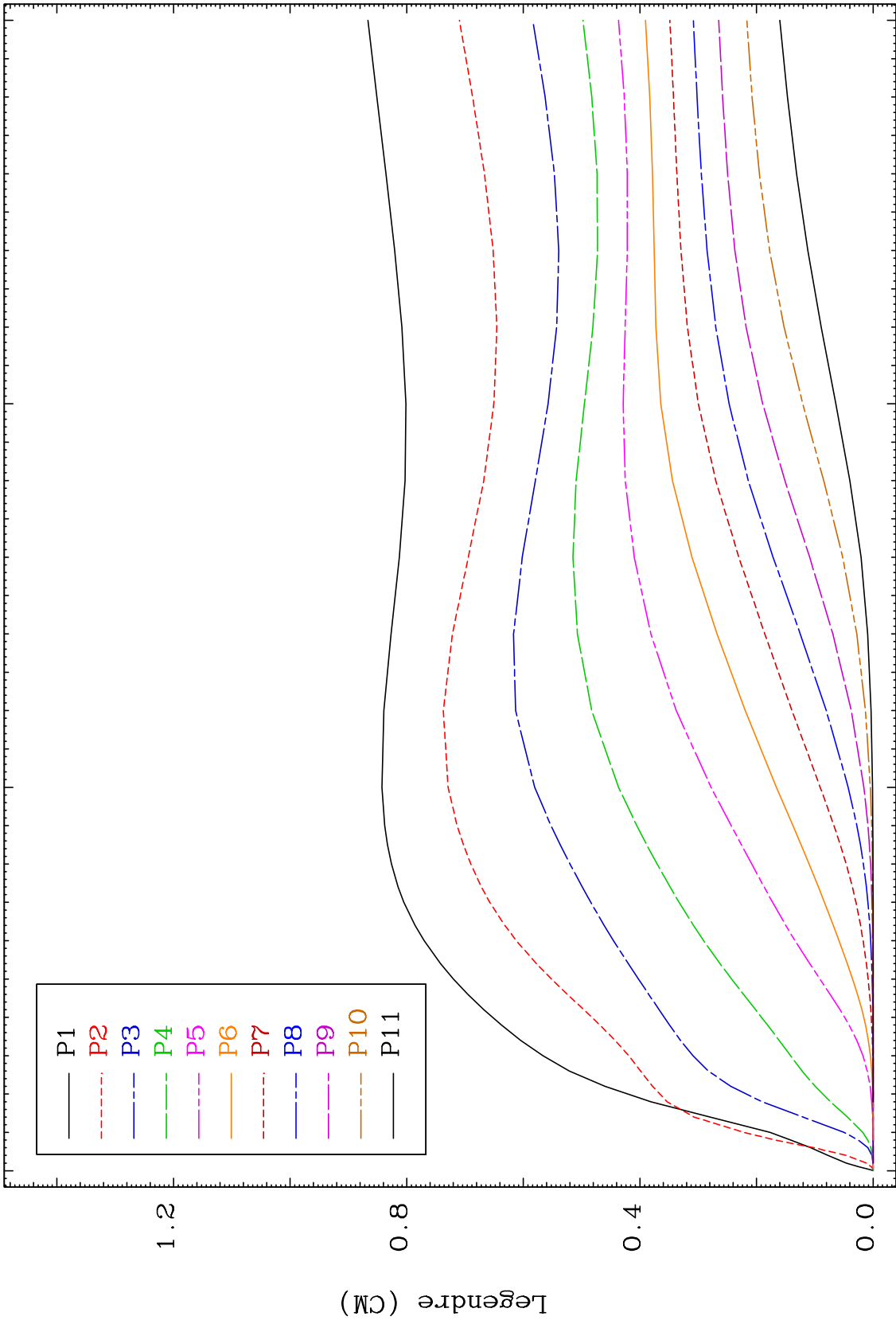




MAT 2640

Elastic Legendre Coefficients

²⁶Fe-59



16

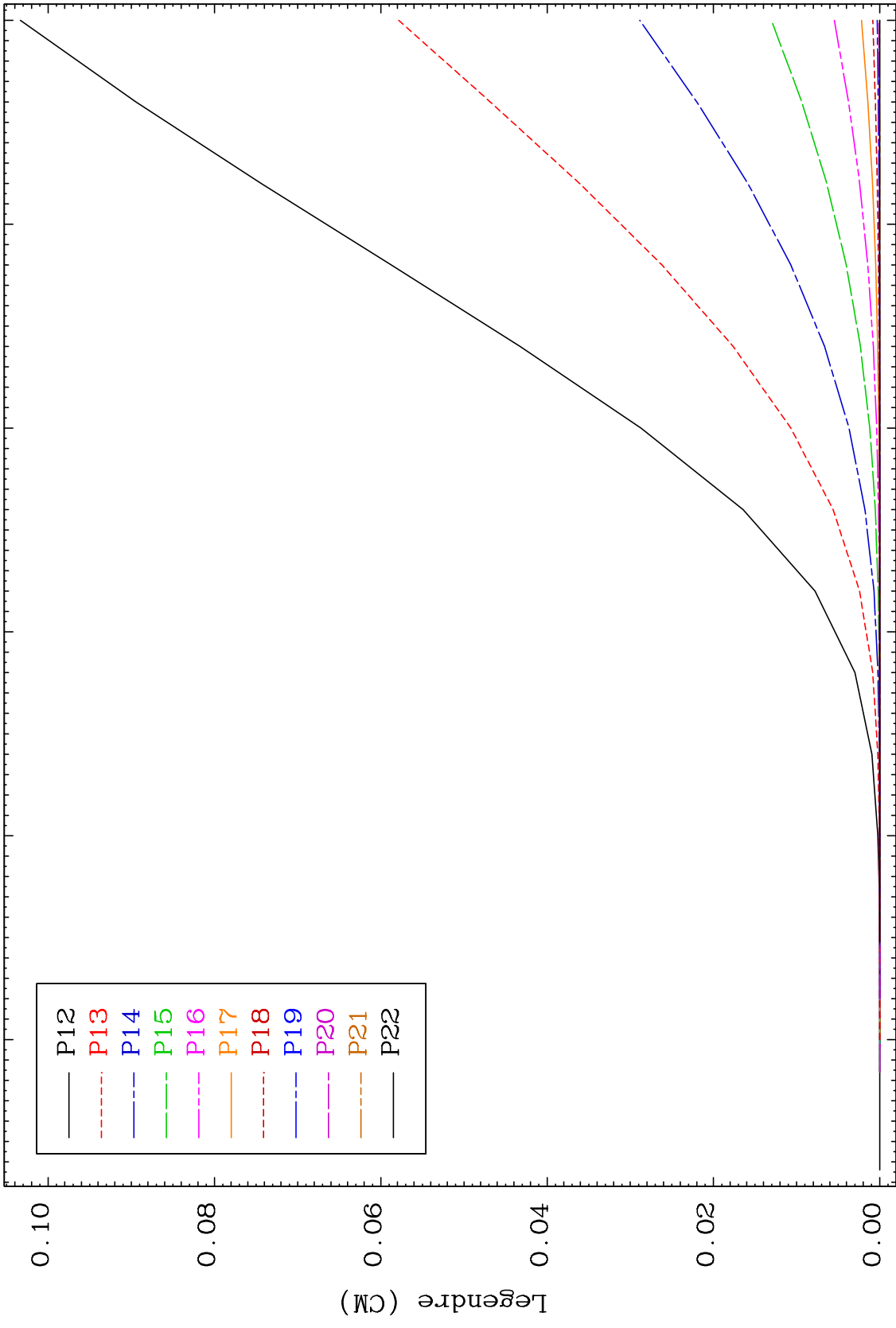
Incident Energy (MeV)

²⁶Fe-59

MAT 2640

Elastic Legendre Coefficients

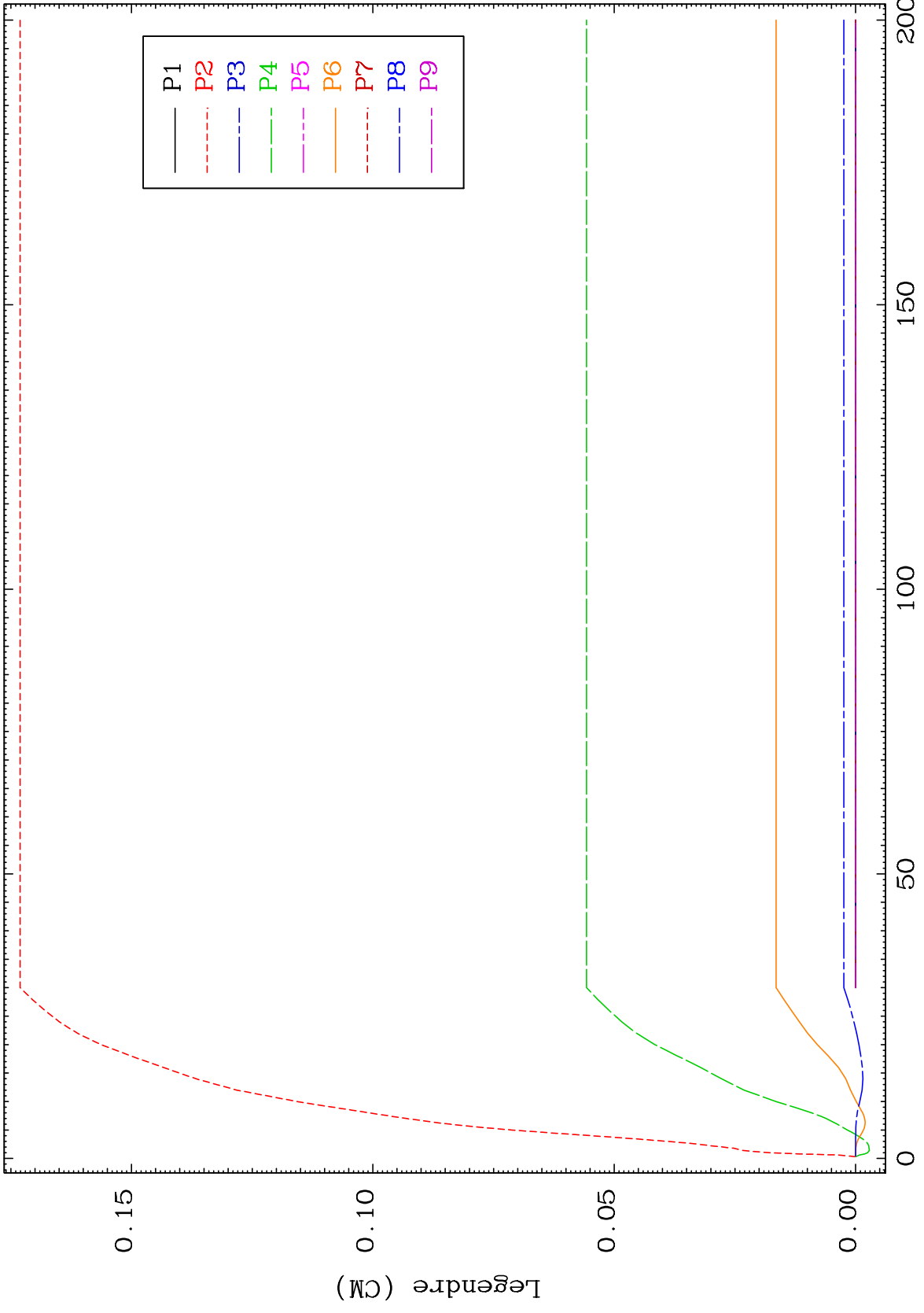
²⁶Fe-59



17

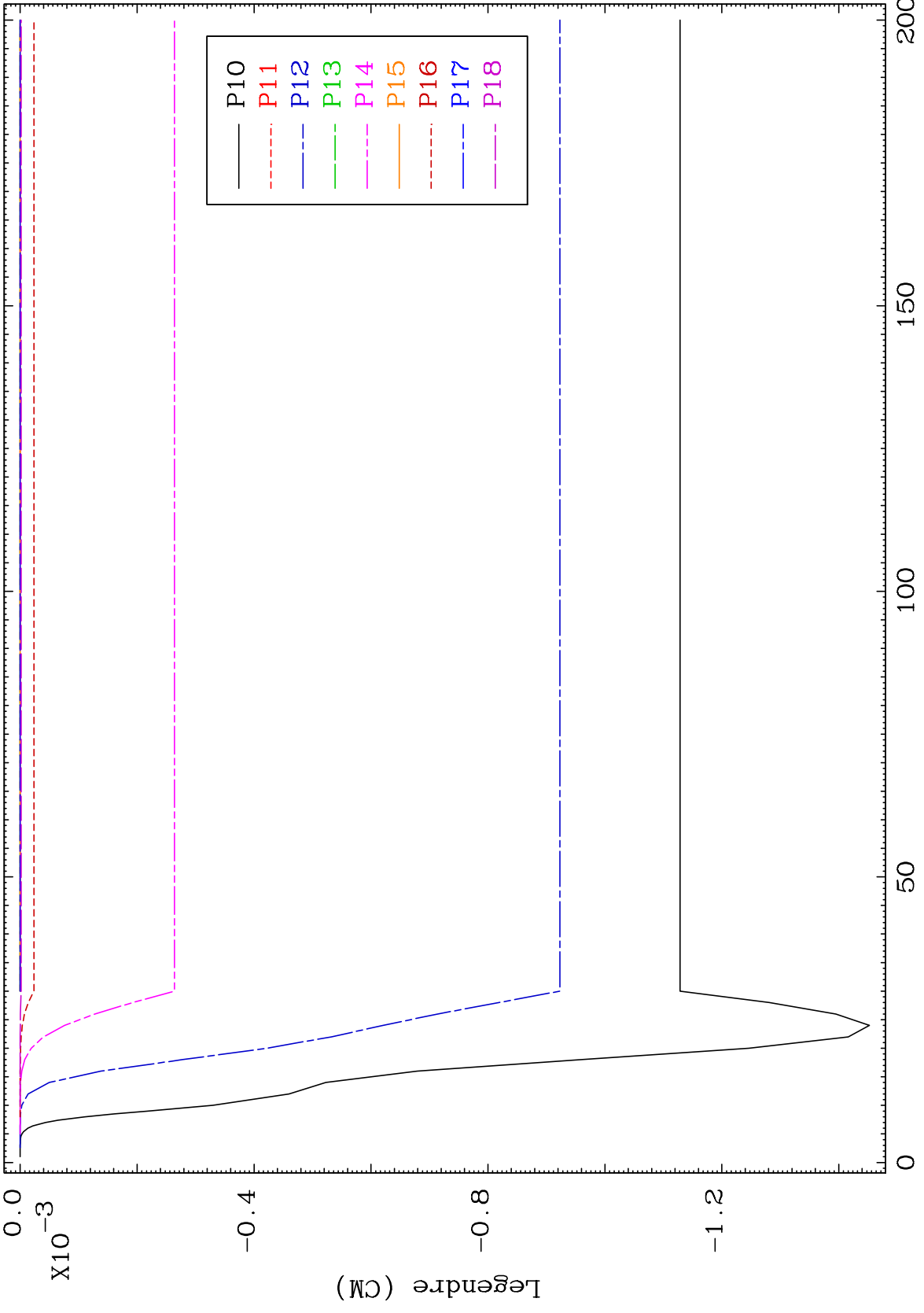
²⁶Fe-59

MAT 2640 MT= 51 (n,n') Level Legendre Coefficients 26-Fe-59



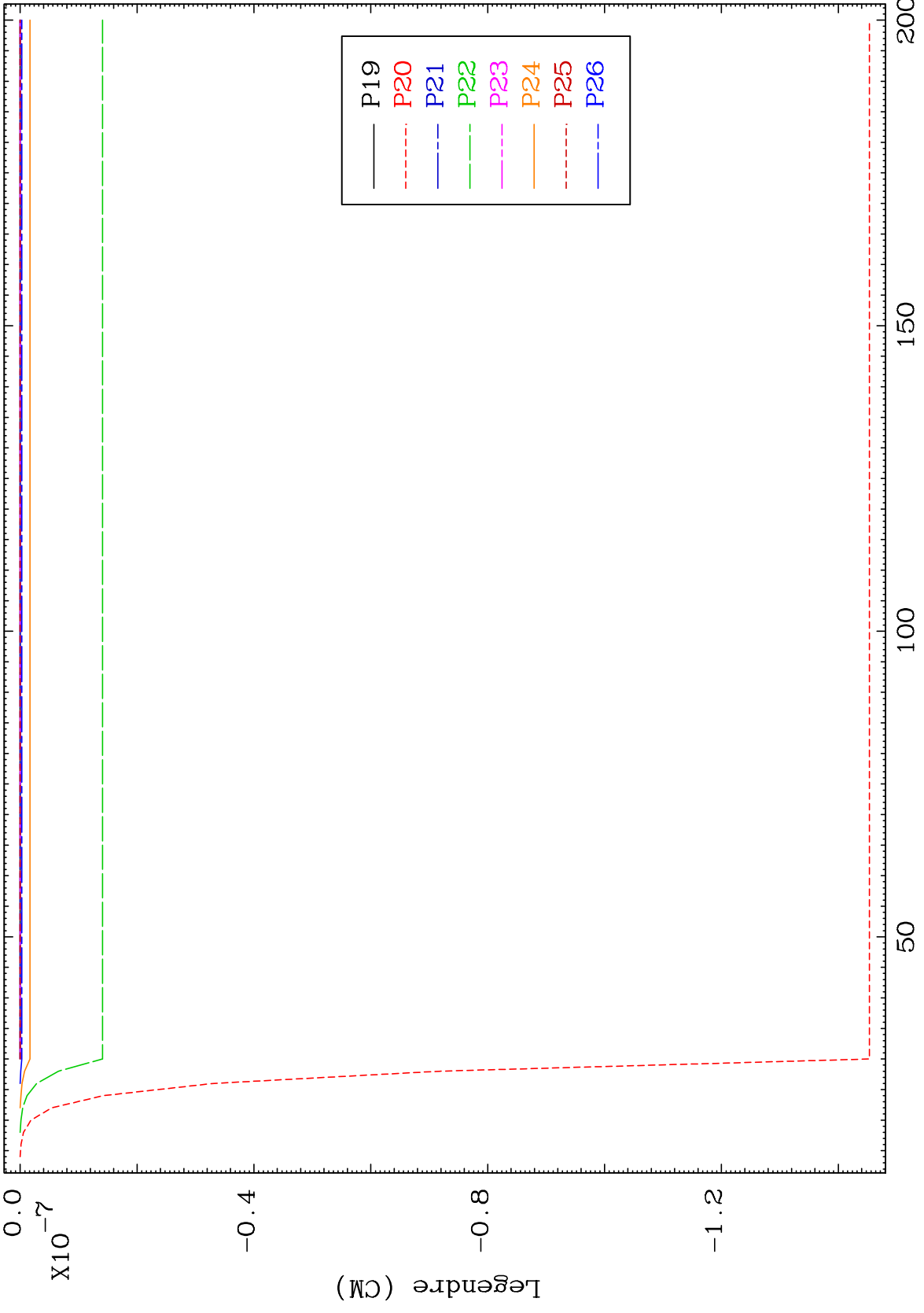
19 26-Fe-59

MAT 2640 MT= 51 (n,n') Level Legendre Coefficients 26-Fe-59



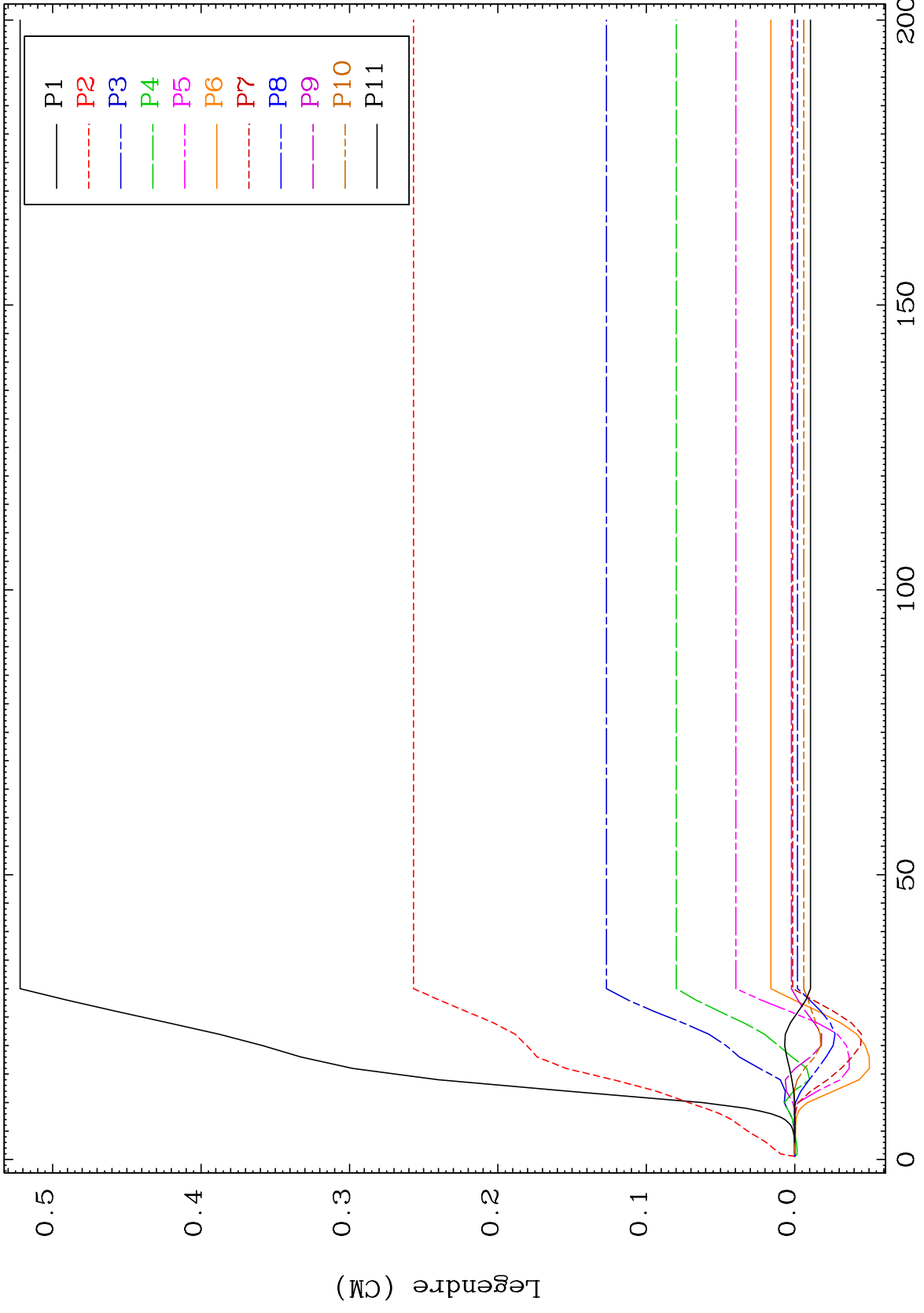
26-Fe-59

MAT 2640 MT= 51 (n,n') Level Legendre Coefficients 26-Fe-59



21 Incident Energy (MeV) 26-Fe-59

MAT 2640 MT= 52 (n,n') Level Legendre Coefficients 26-Fe-59

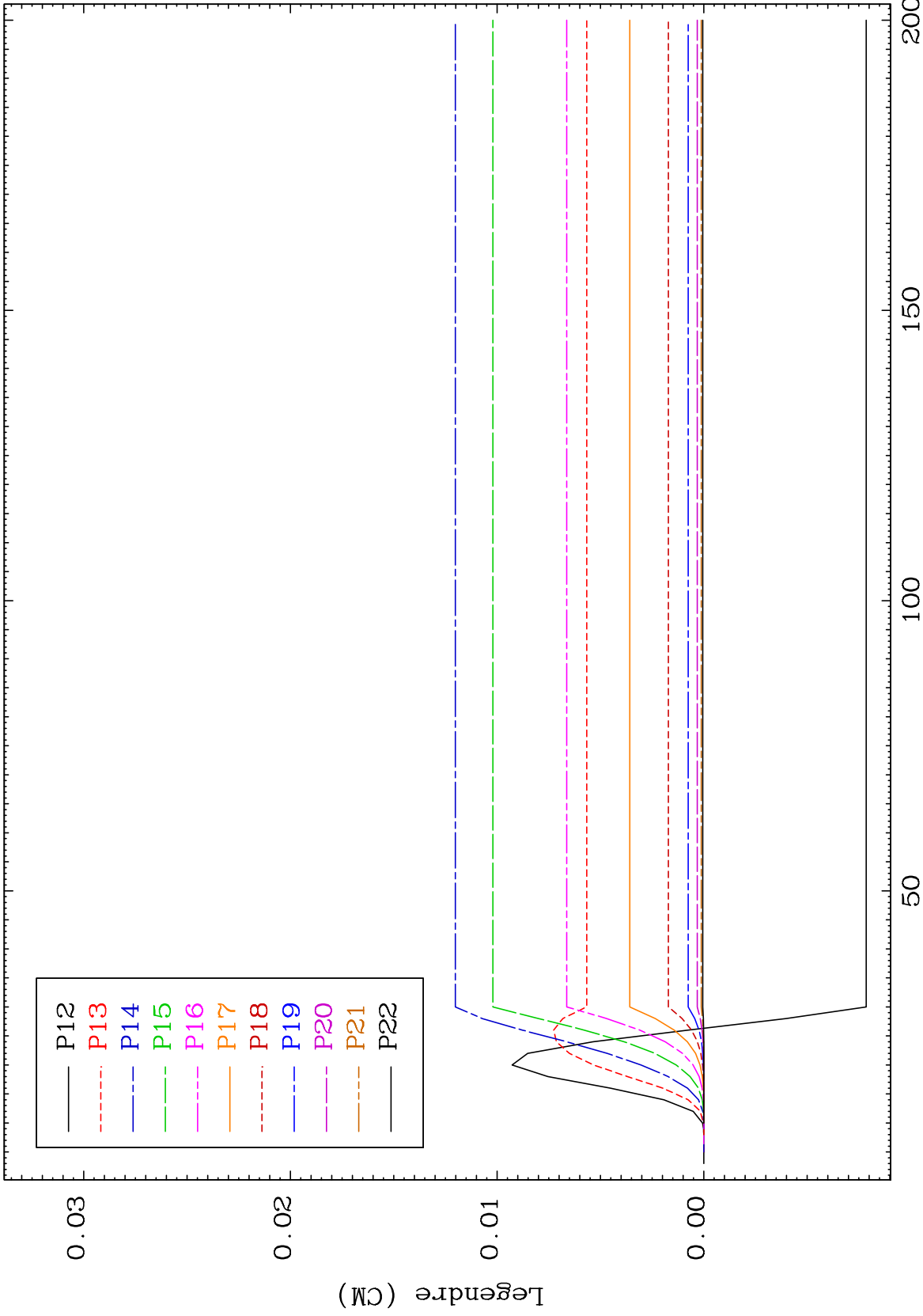


22 26-Fe-59

MAT 2640

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

²⁶Fe-59



23

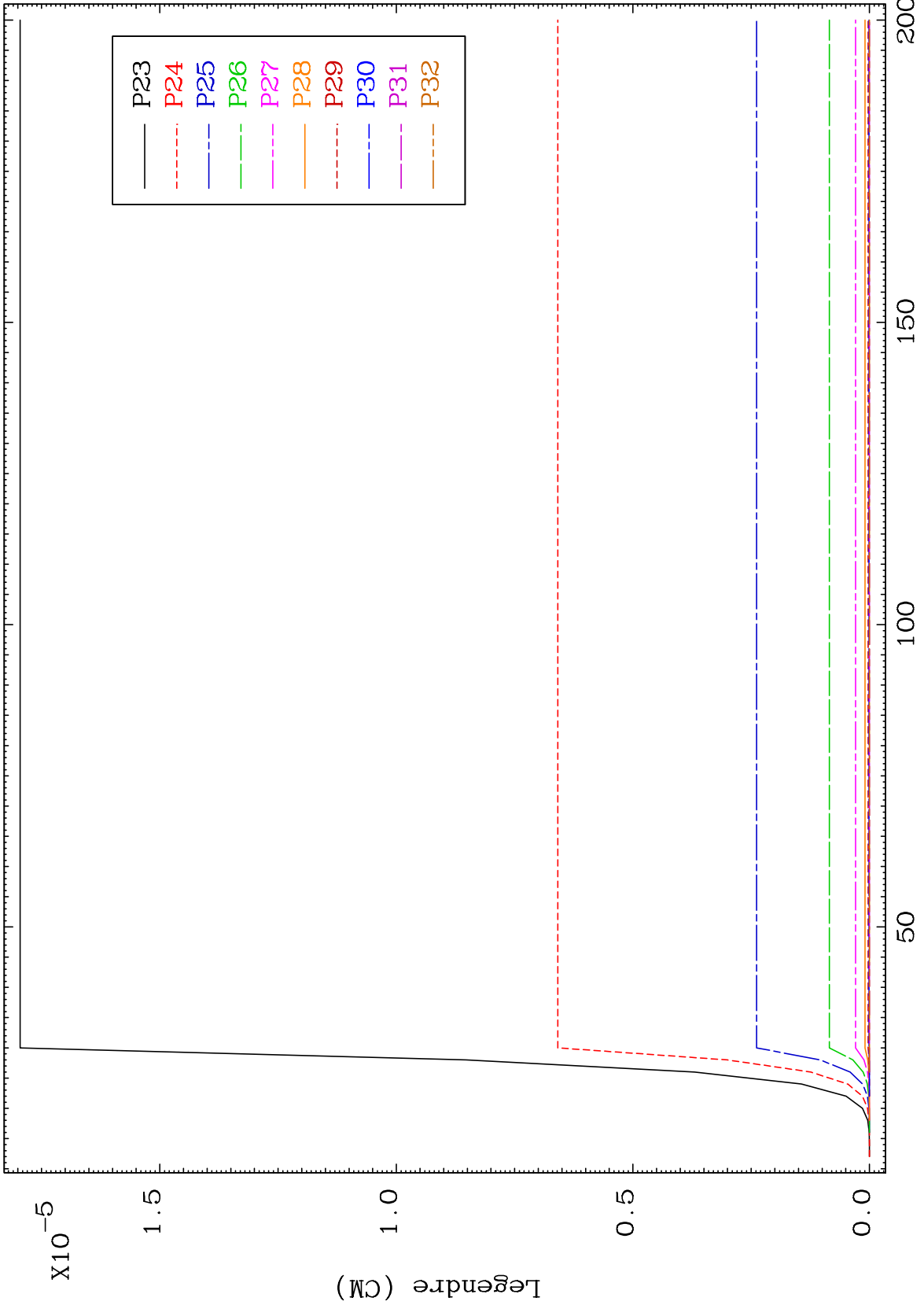
Incident Energy (MeV)

²⁶Fe-59

MAT 2640

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

26-Fe-59



24

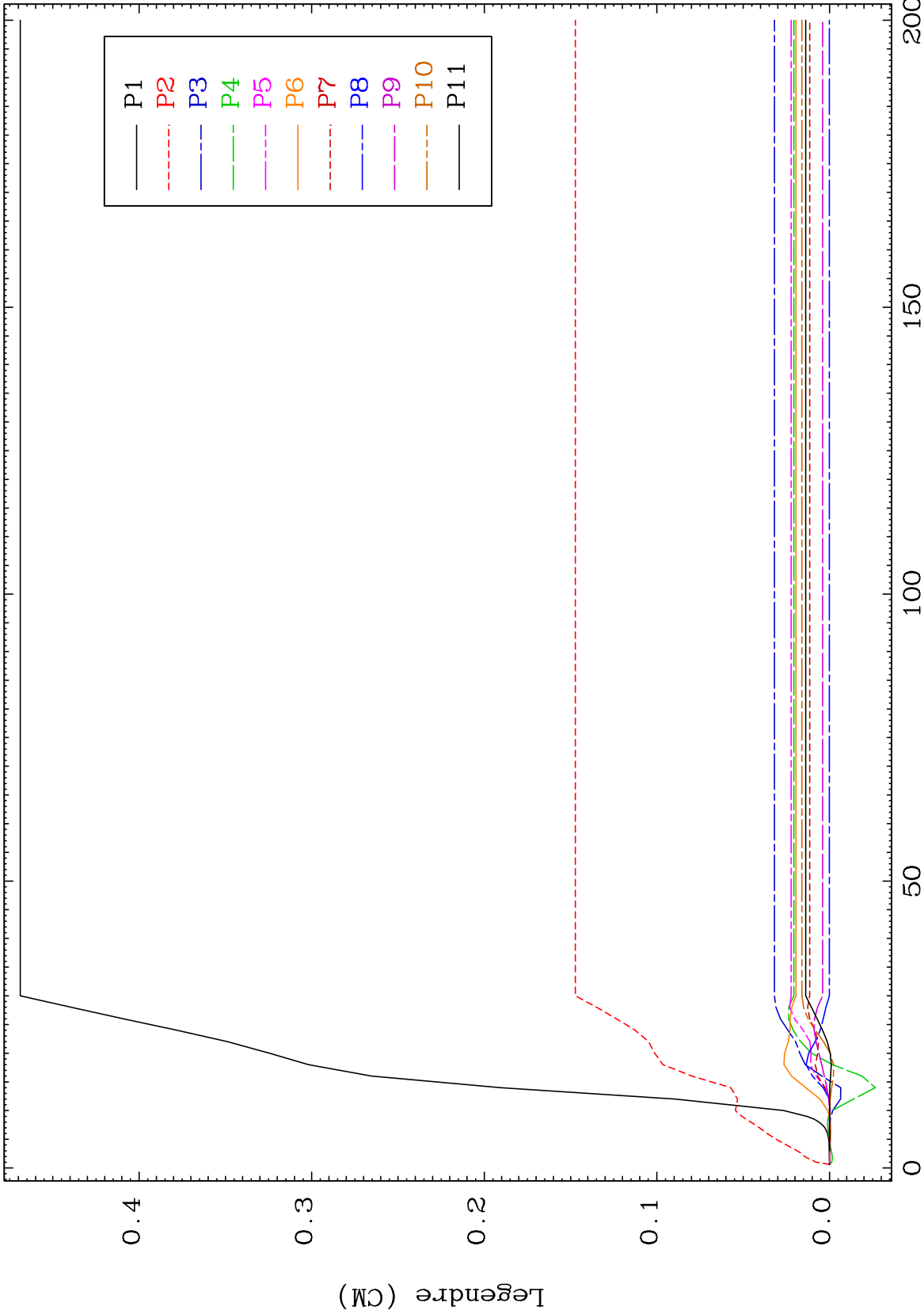
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



25

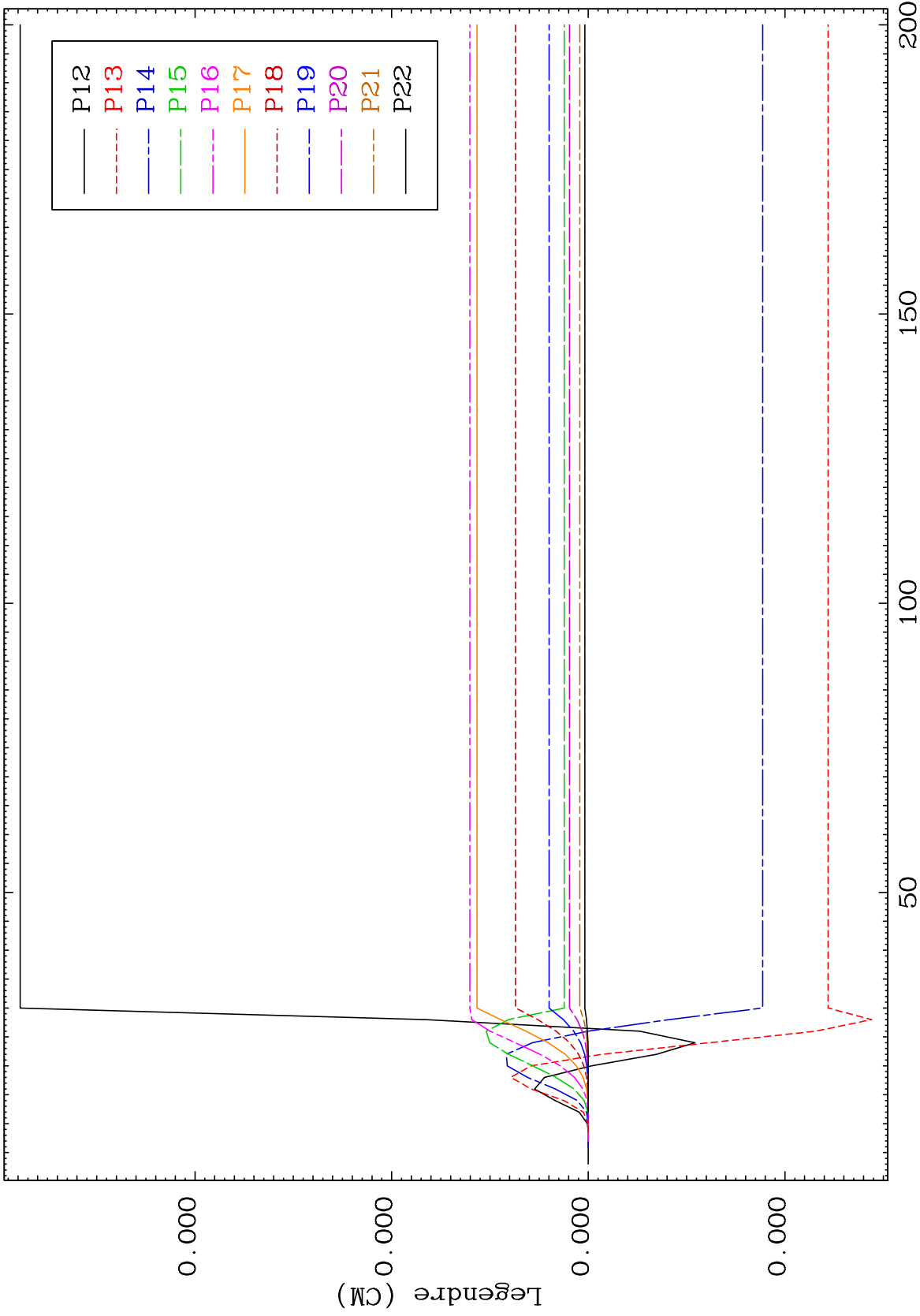
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



26

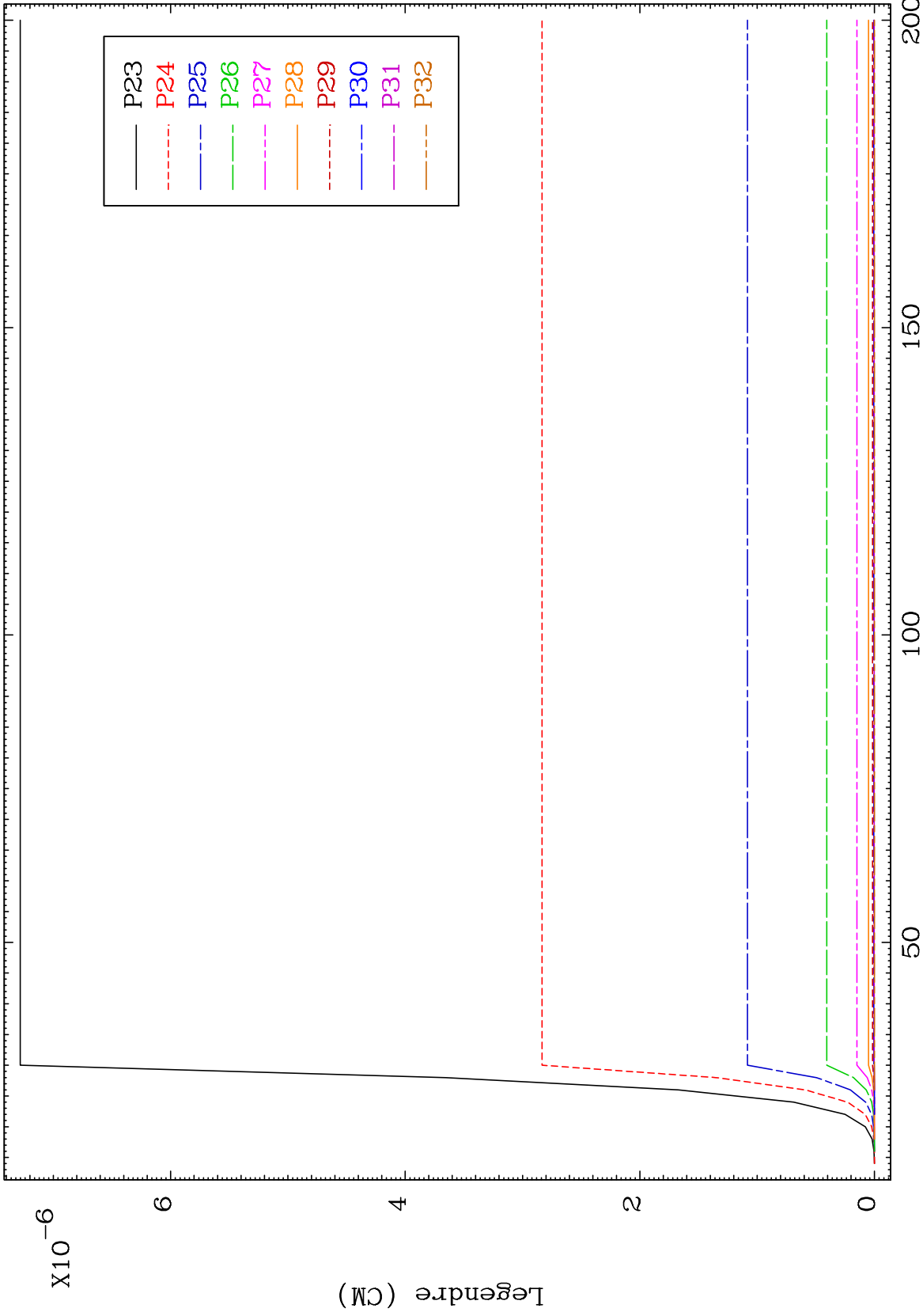
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59

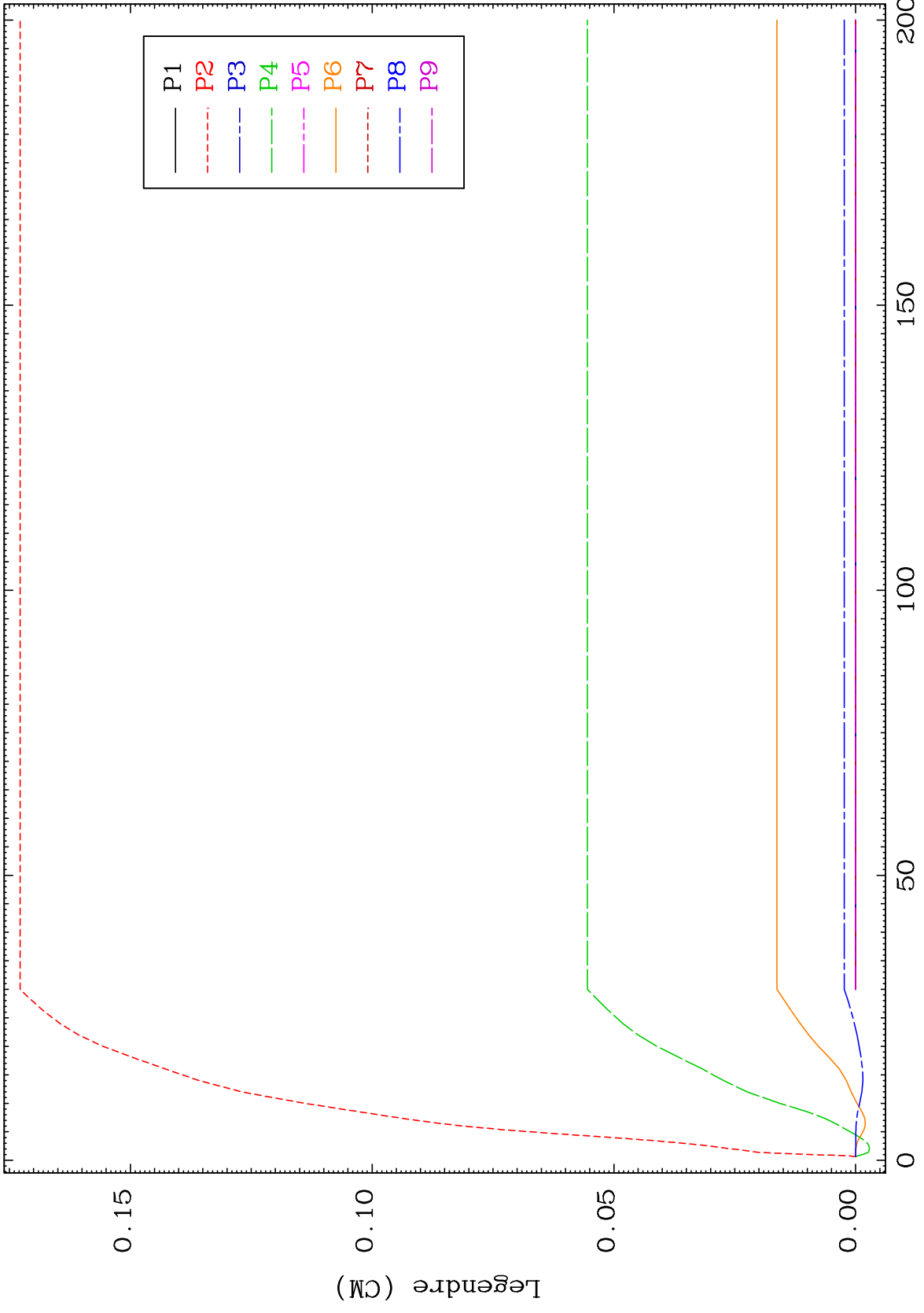


27

Incident Energy (MeV)

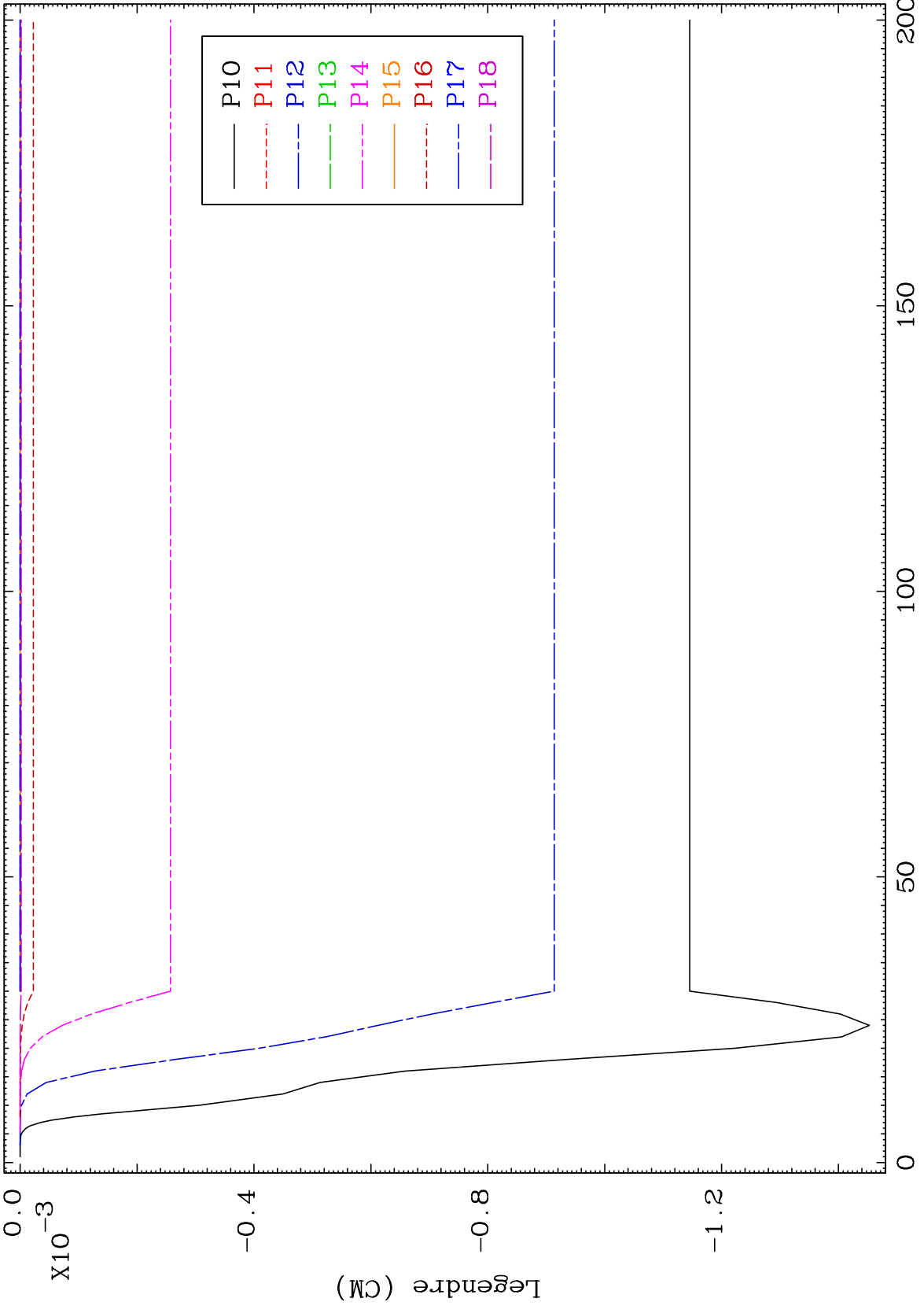
26-Fe-59

MAT 2640 MT= 54 (n,n') Level Legendre Coefficients 26-Fe-59



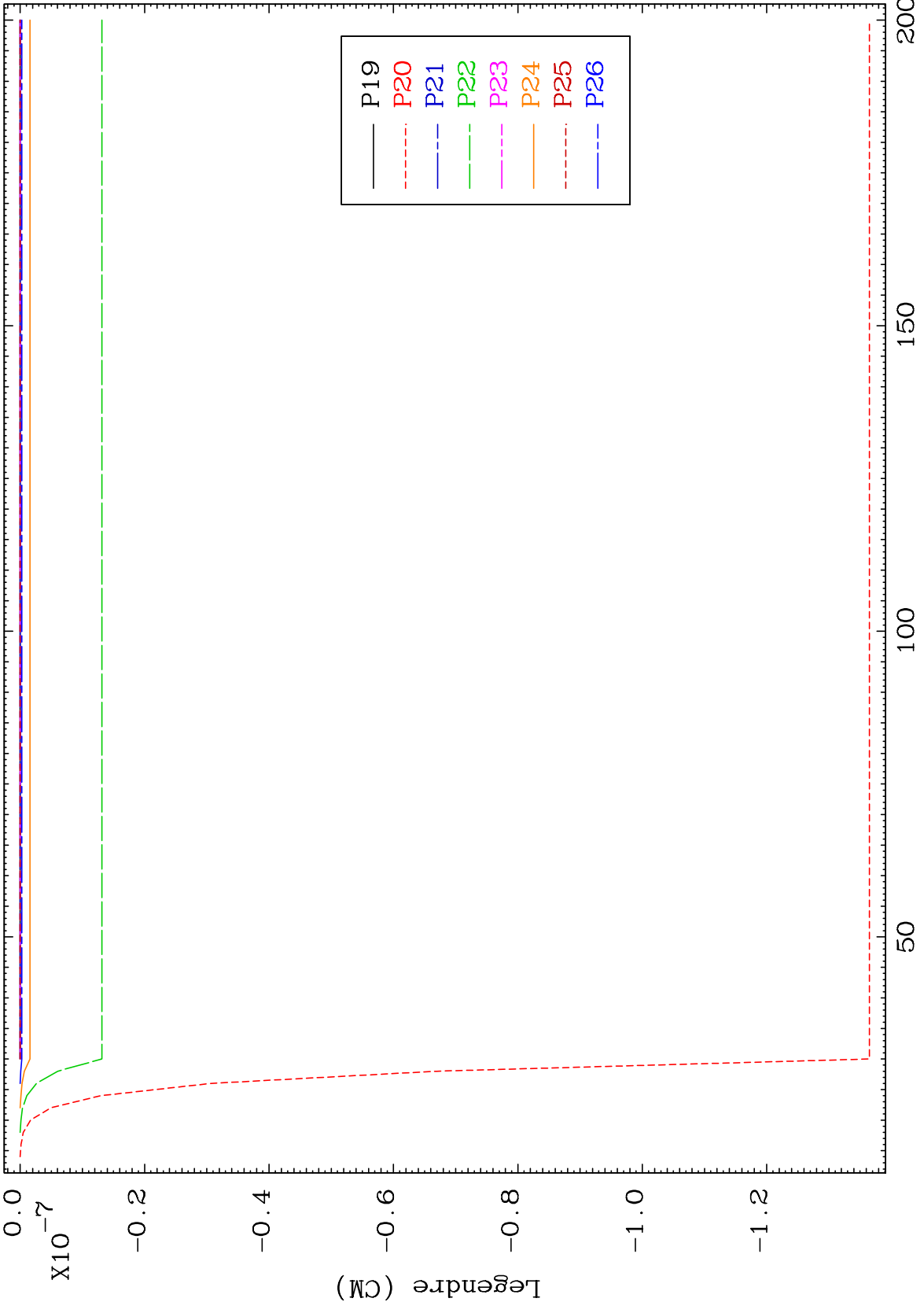
26-Fe-59

MAT 2640 MT= 54 (n,n') Level Legendre Coefficients 26-Fe-59



29 Incident Energy (MeV) 26-Fe-59

MAT 2640 MT= 54 (n,n') Level Legendre Coefficients 26-Fe-59

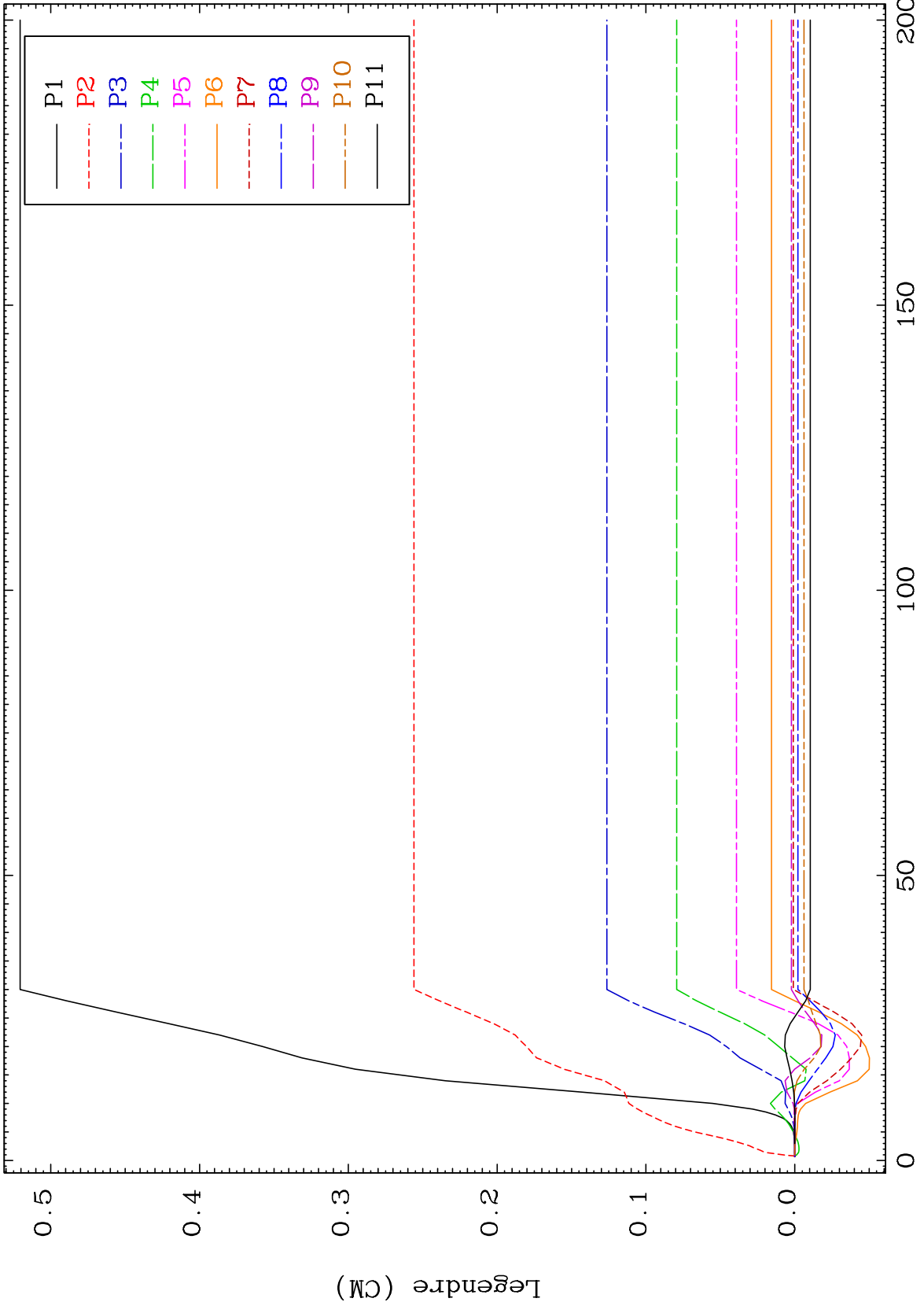


30 50 100 150 200 26-Fe-59

MAT 2640

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

26-Fe-59



31

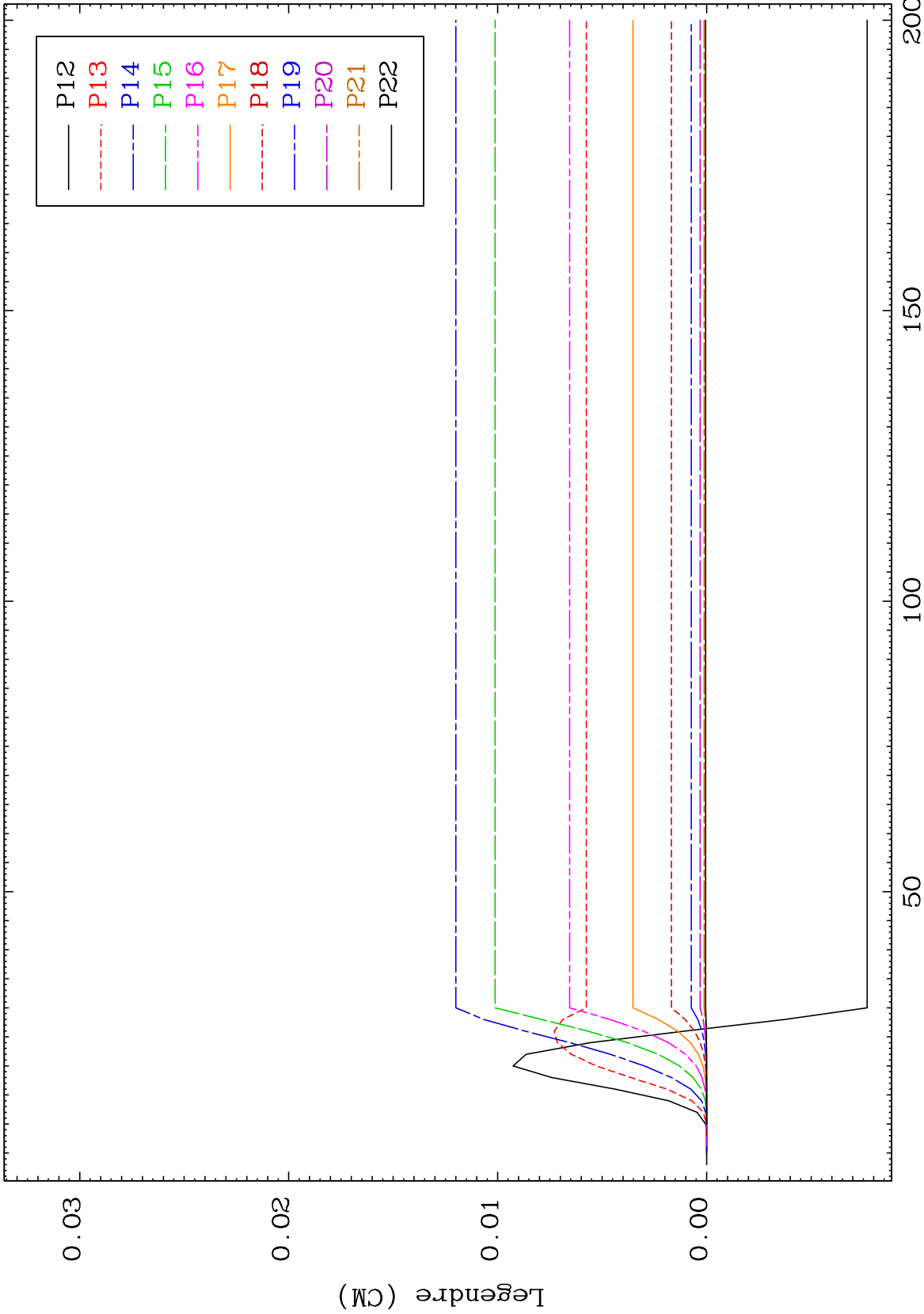
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



32

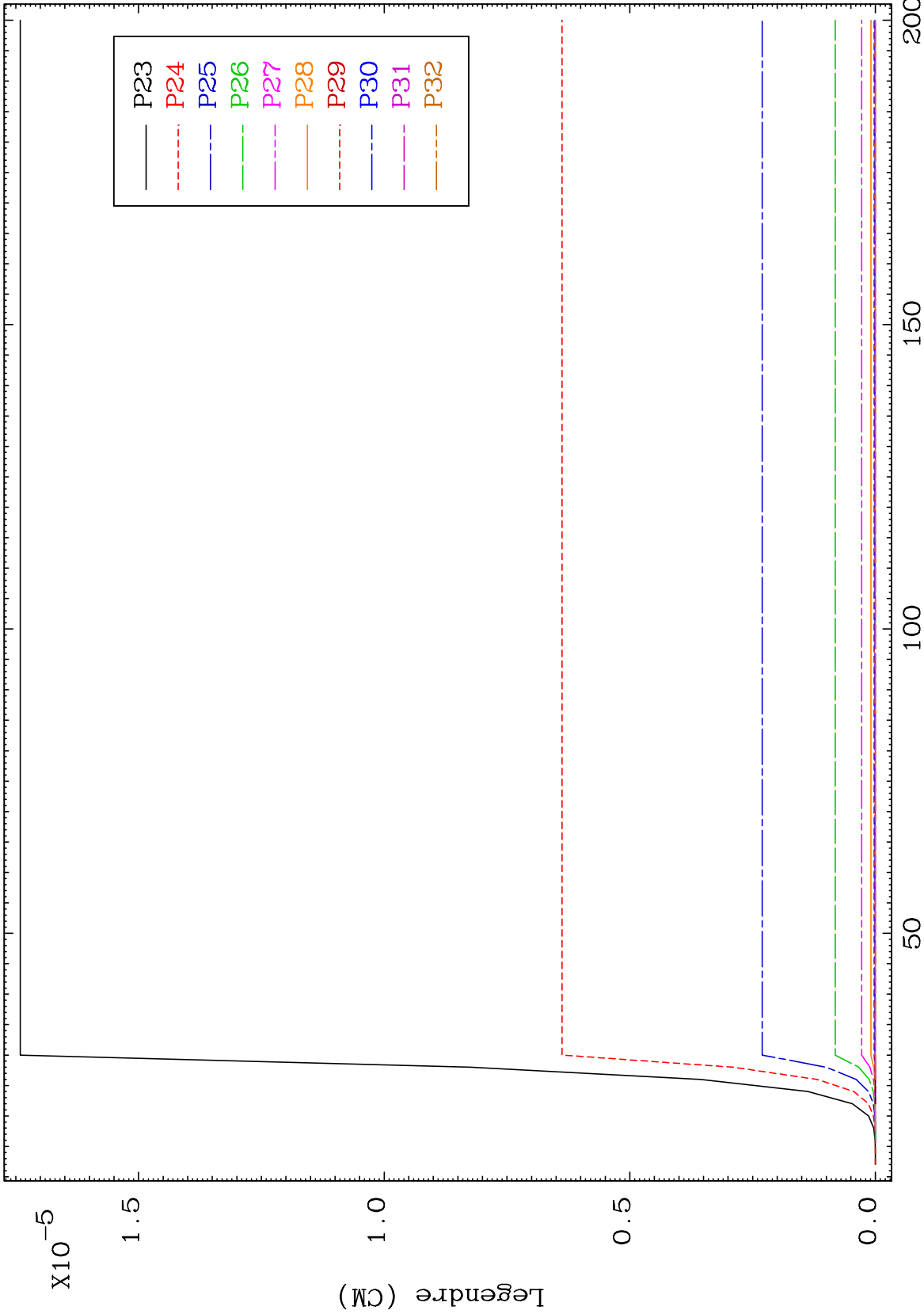
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59

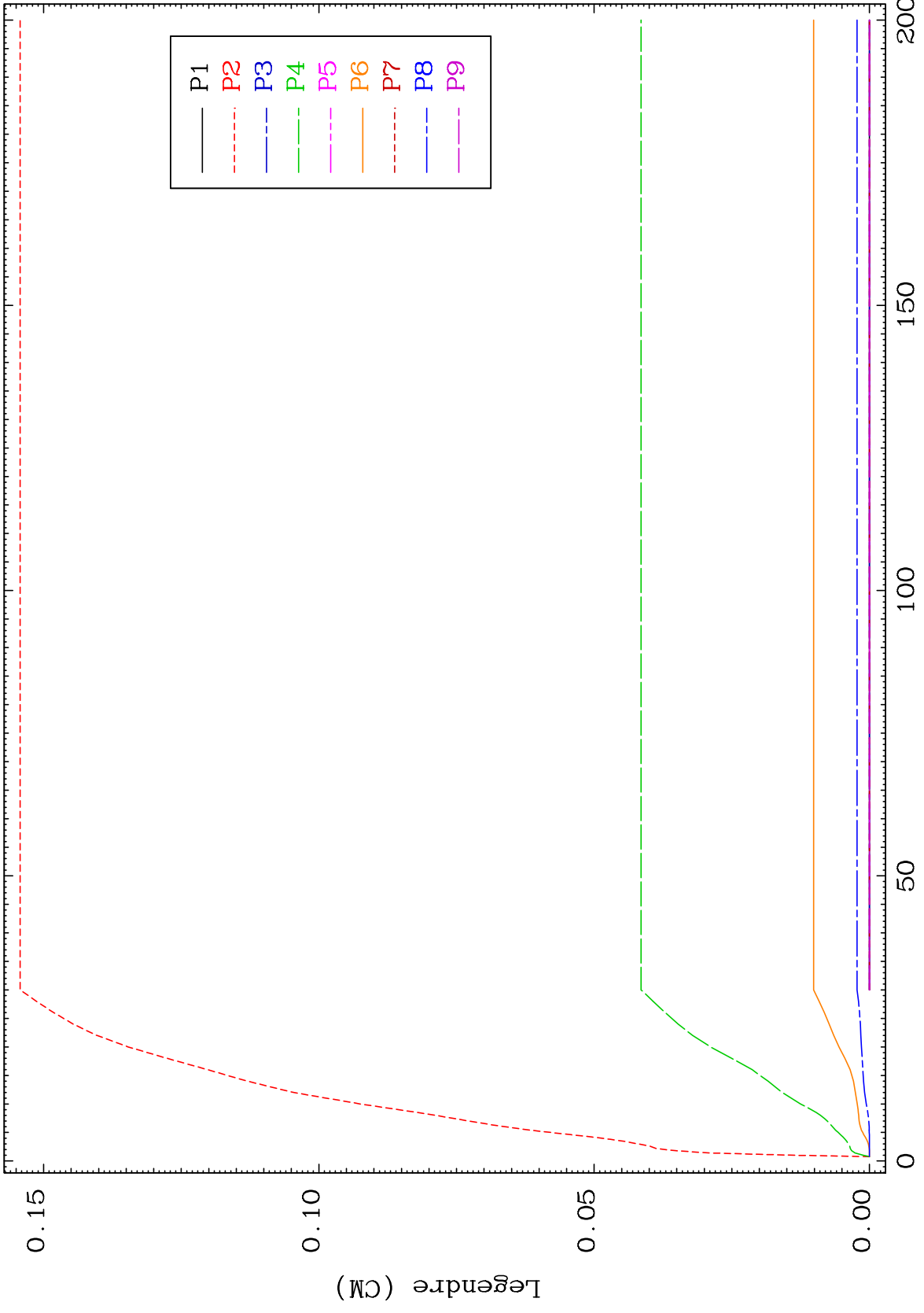


33

Incident Energy (MeV)

26-Fe-59

MAT 2640 MT= 56 (n,n') Level Legendre Coefficients 26-Fe-59

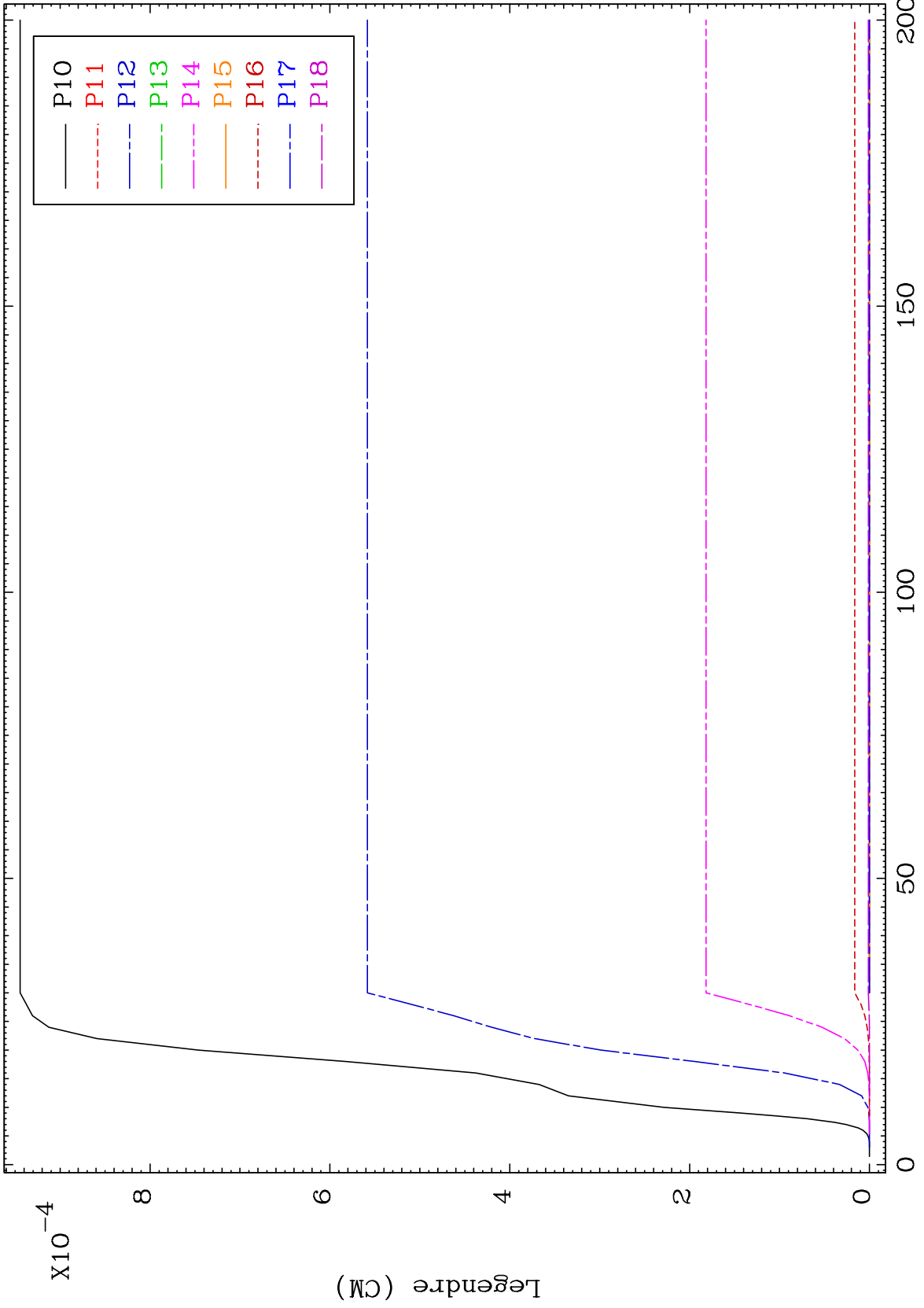


34 Incident Energy (MeV) 26-Fe-59

MAT 2640

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

26-Fe-59

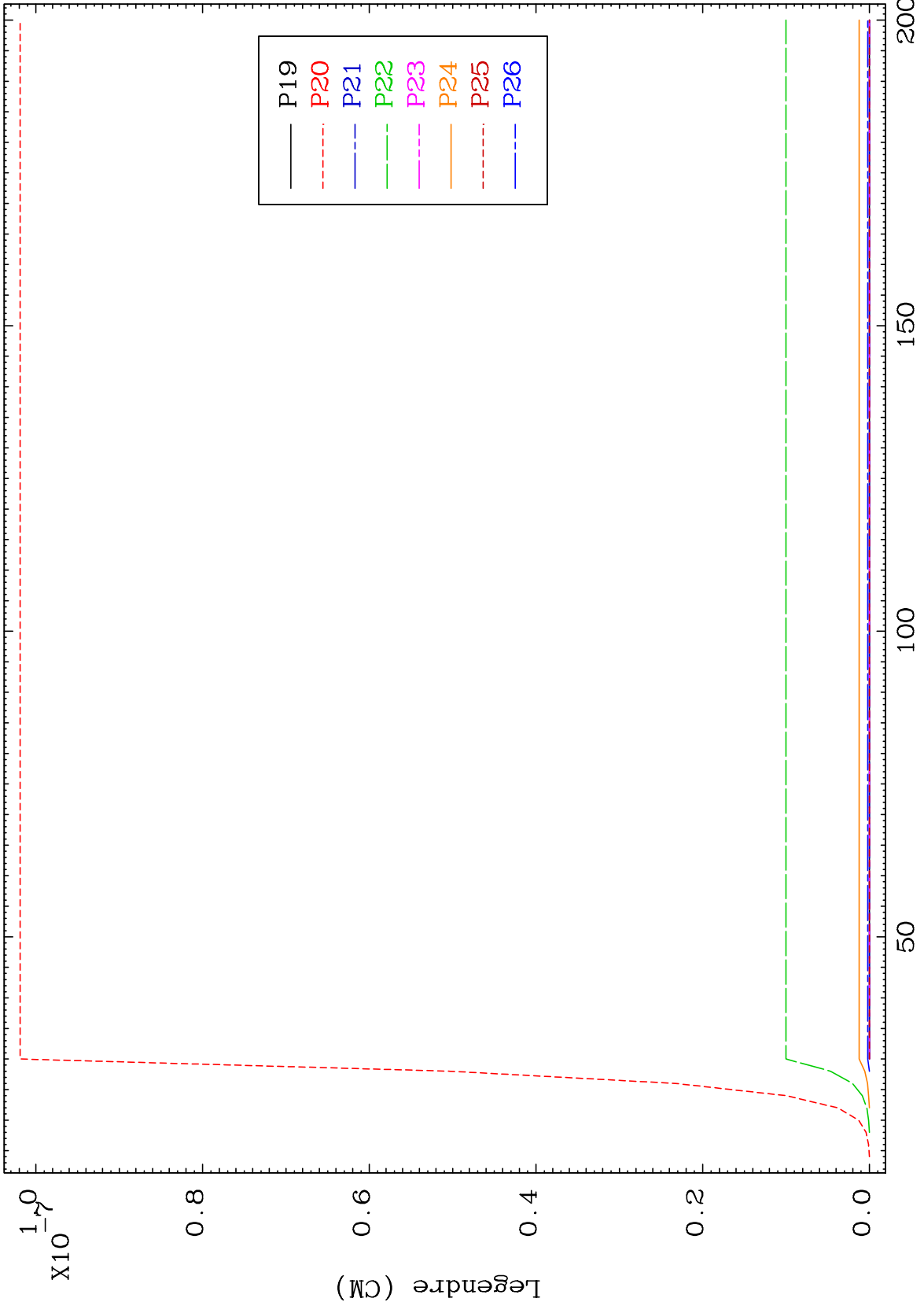


26-Fe-59

Incident Energy (MeV)

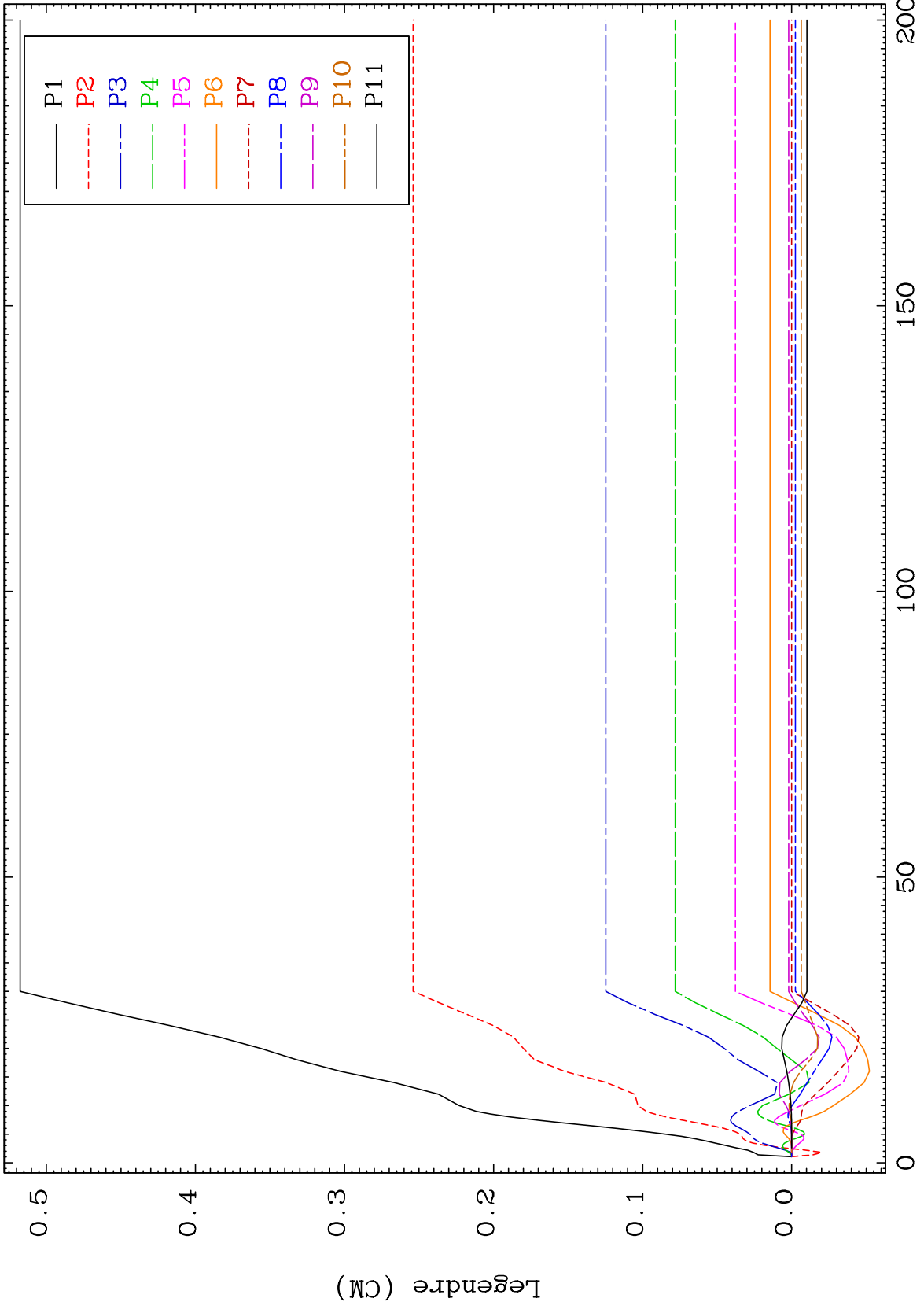
35

MAT 2640 MT= 56 (n,n') Level Legendre Coefficients 26-Fe-59



36 Incident Energy (MeV) 200 26-Fe-59

MAT 2640 MT= 57 (n,n') Level Legendre Coefficients 26-Fe-59

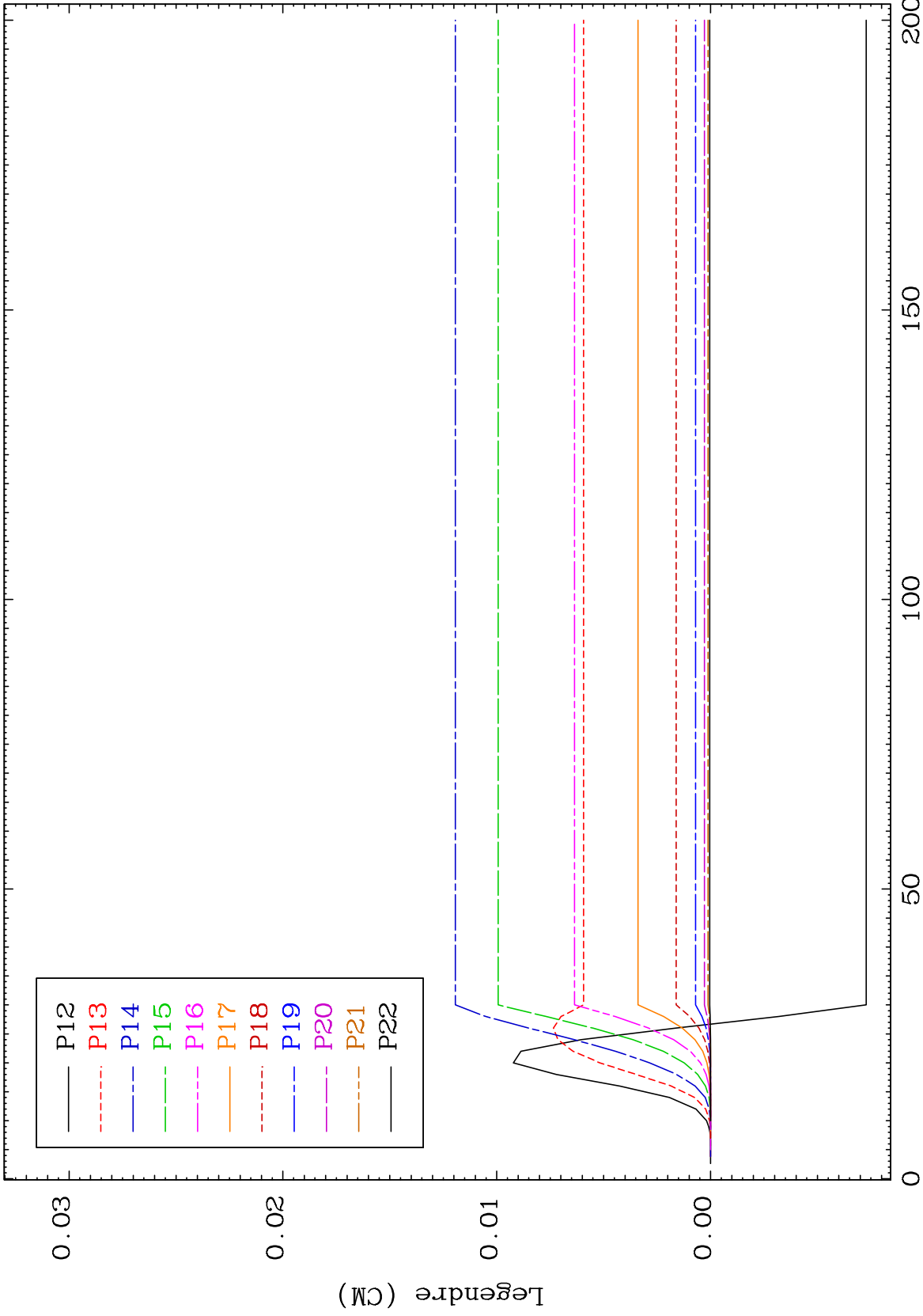


37 Incident Energy (MeV) 26-Fe-59

MAT 2640

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

26-Fe-59



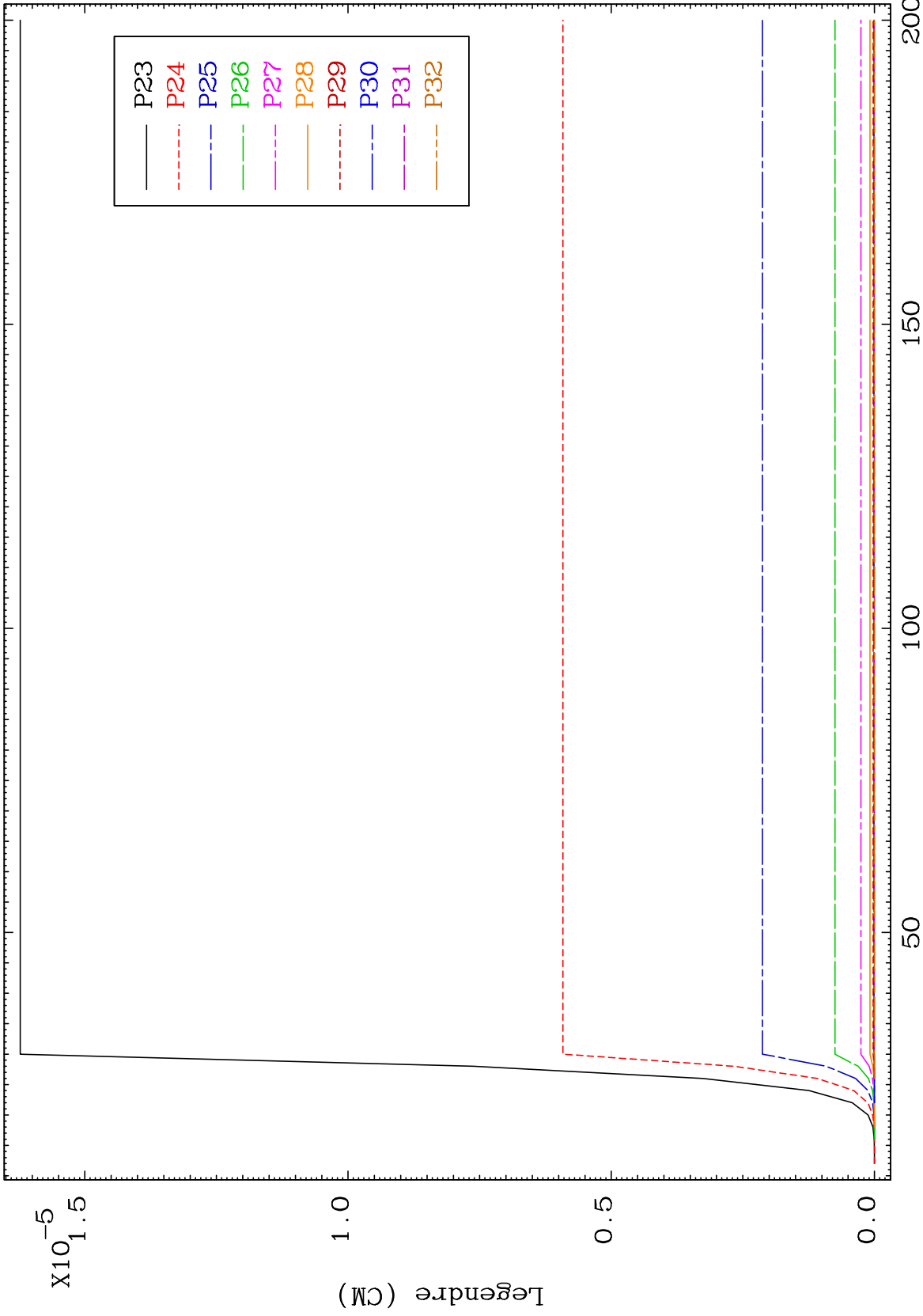
38

26-Fe-59

MAT 2640

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

26-Fe-59

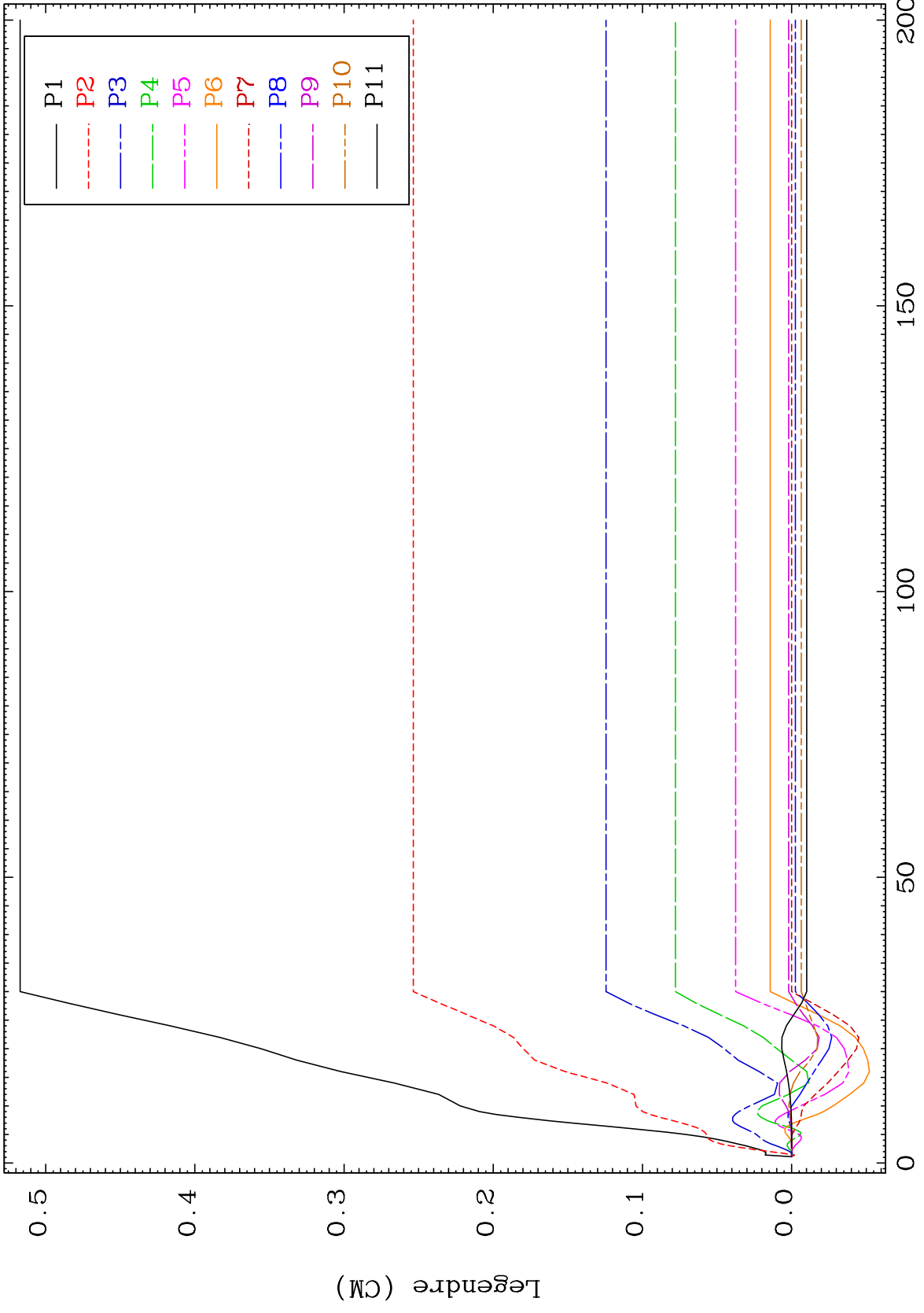


39

Incident Energy (MeV)

26-Fe-59

MAT 2640 MT= 58 (n,n') Level Legendre Coefficients 26-Fe-59

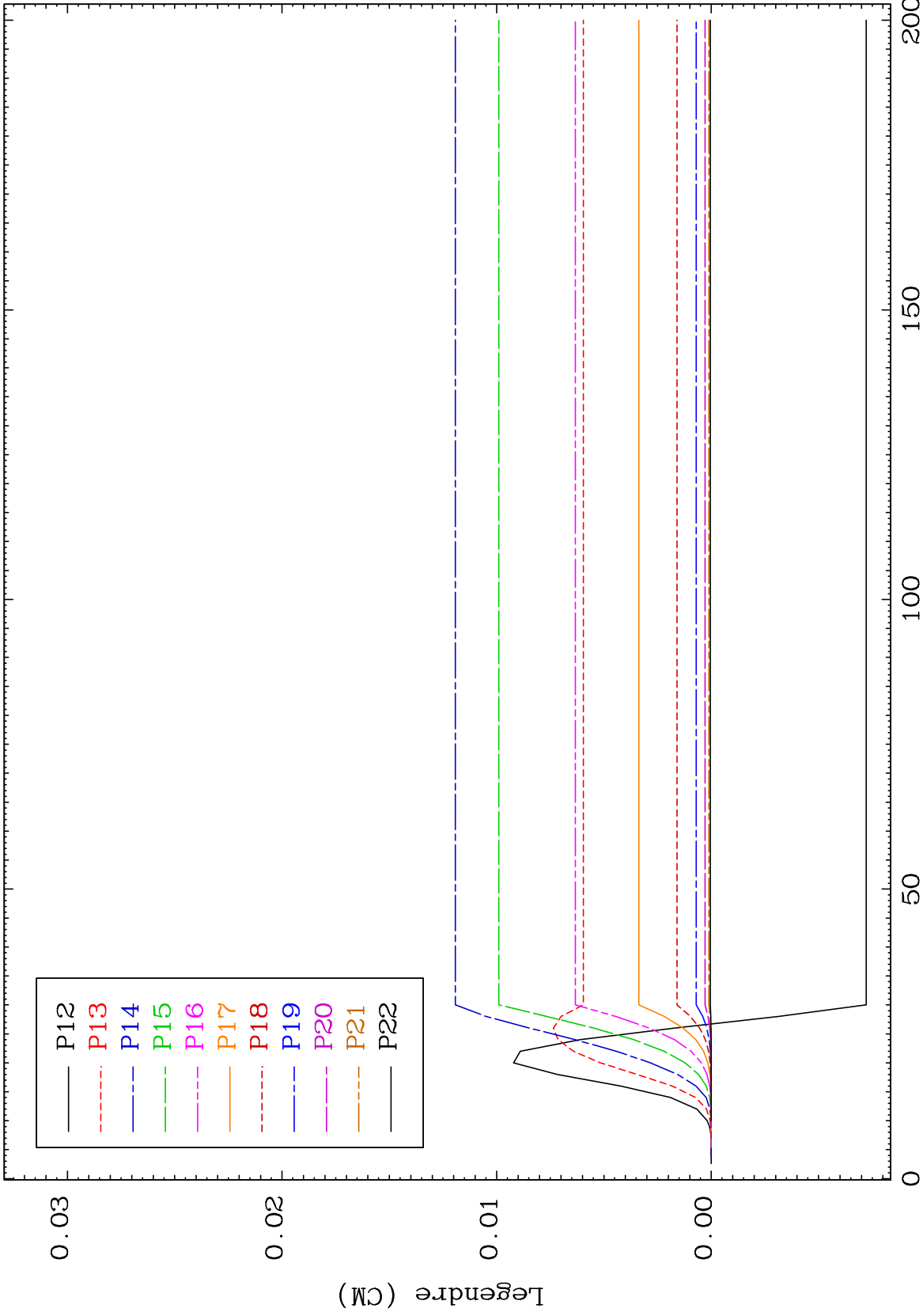


Legendre (CM) Incident Energy (MeV) 26-Fe-59

MAT 2640

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

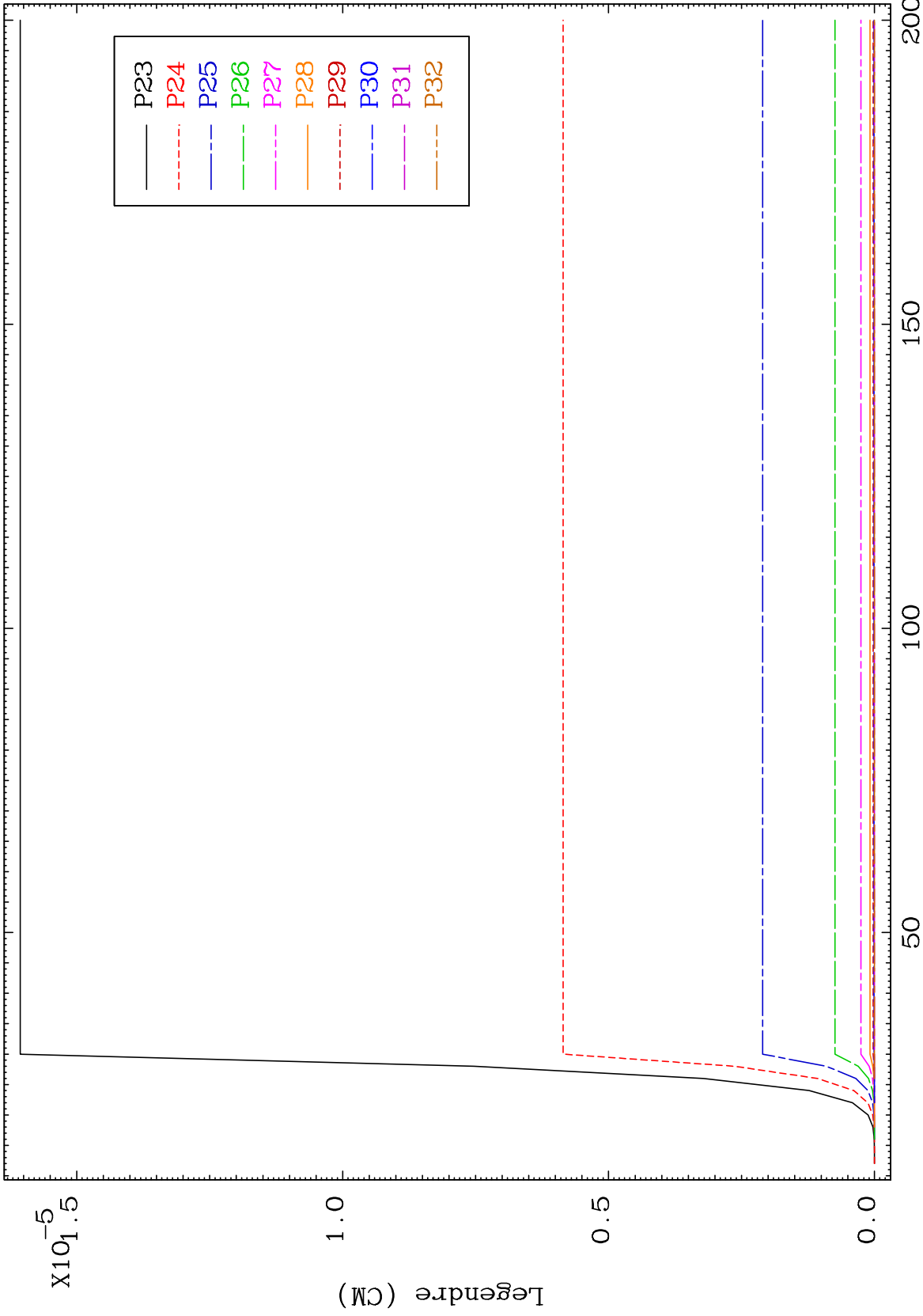
26-Fe-59



MAT 2640

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

26-Fe-59



42

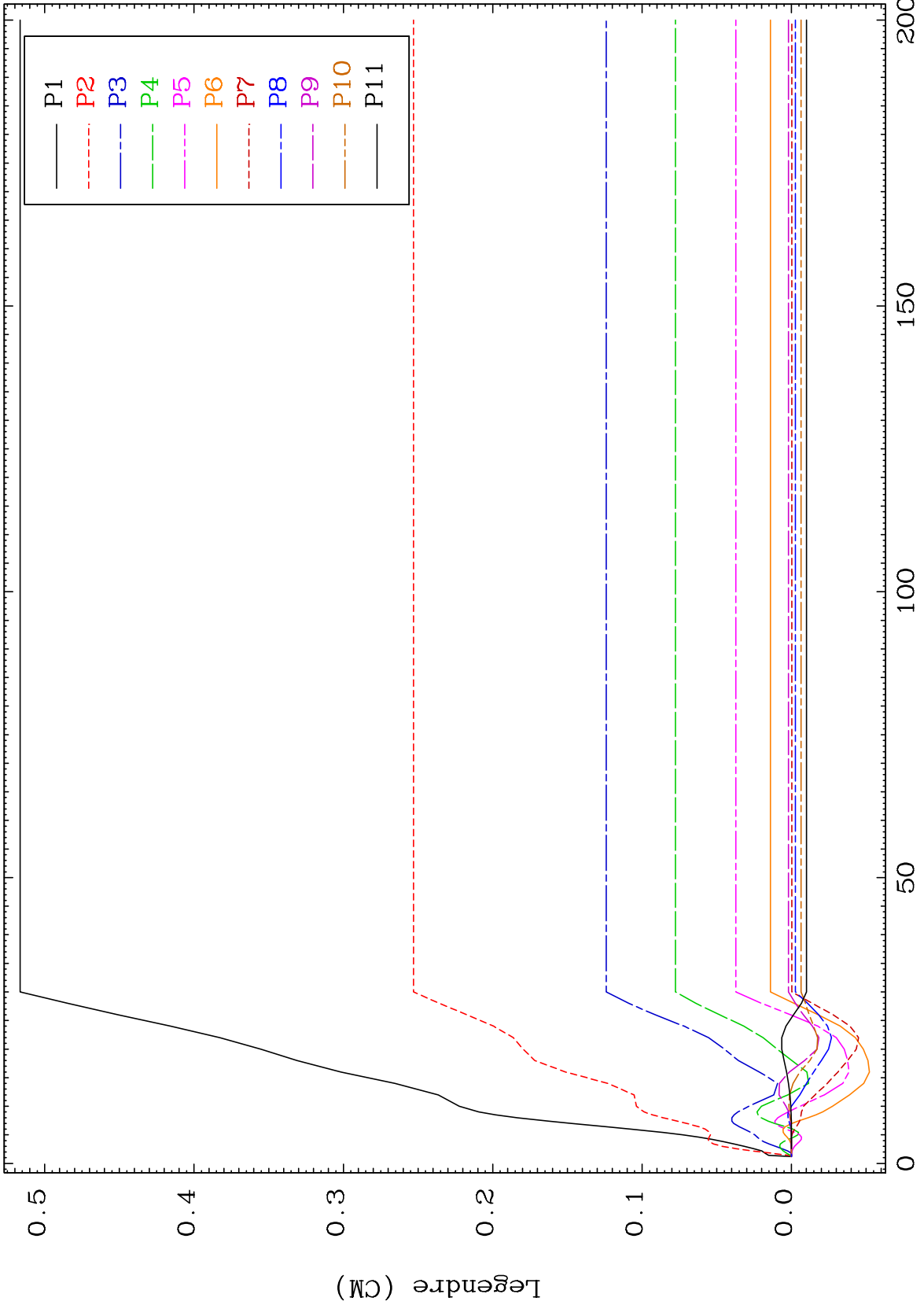
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



43

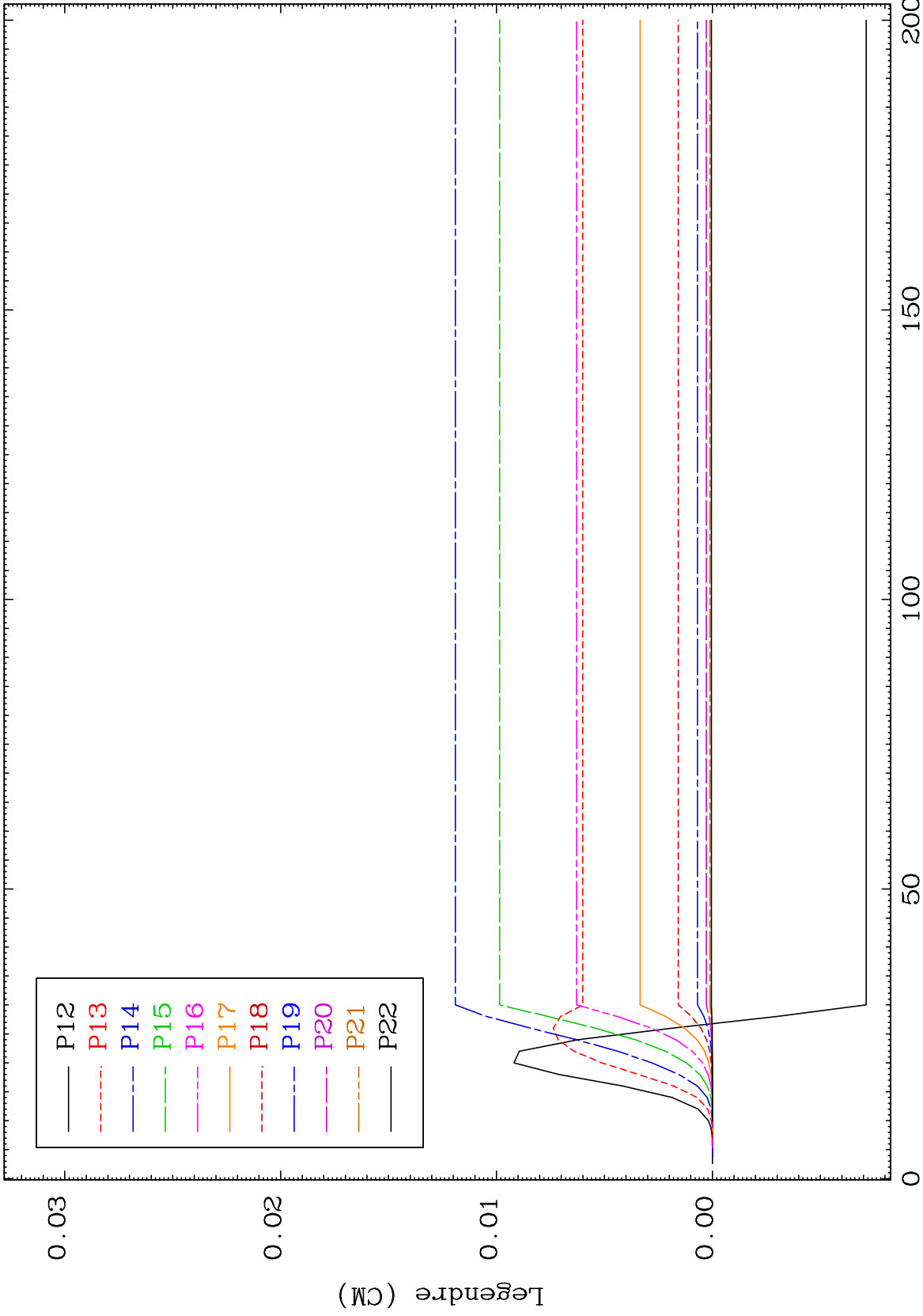
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



44

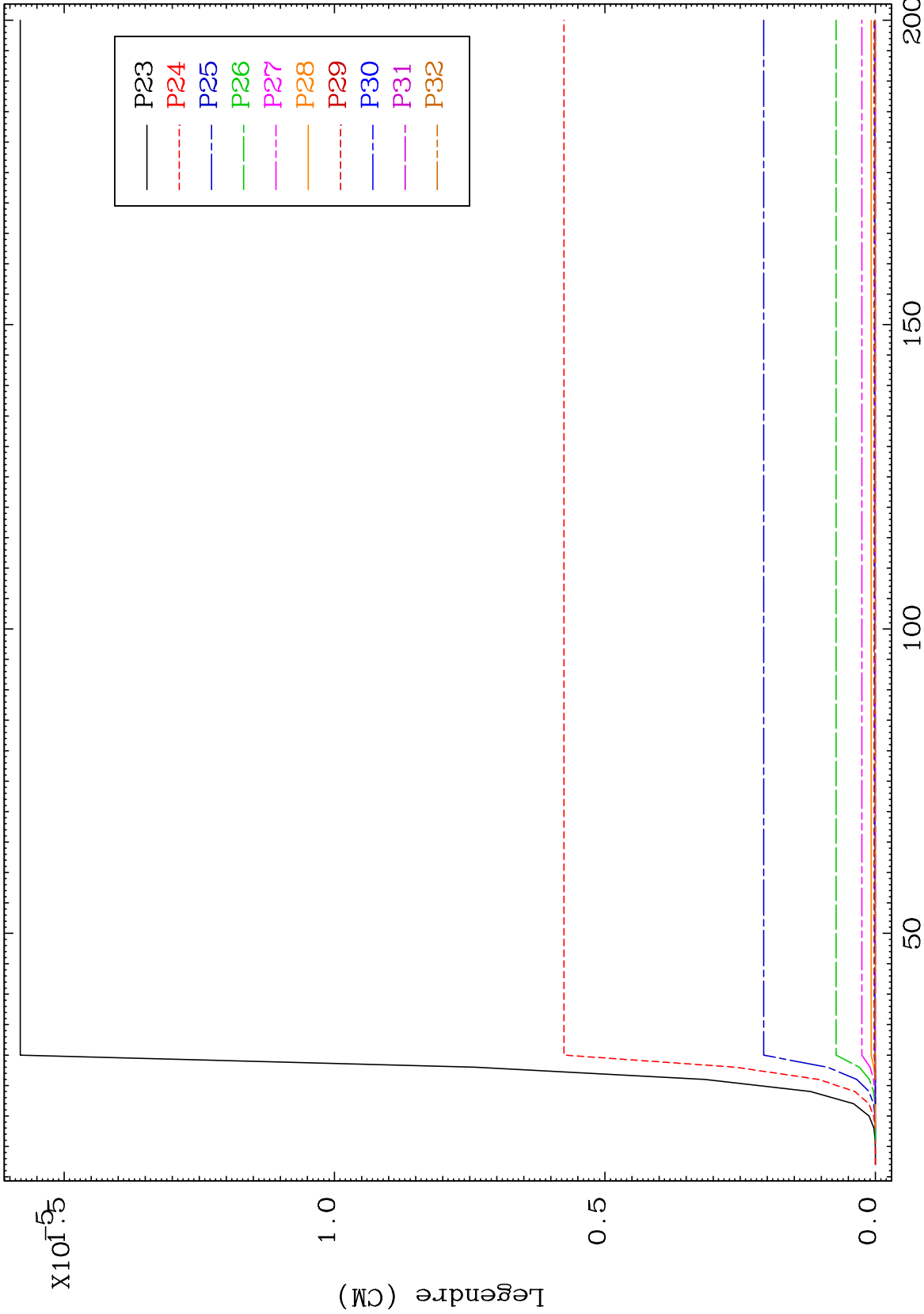
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59

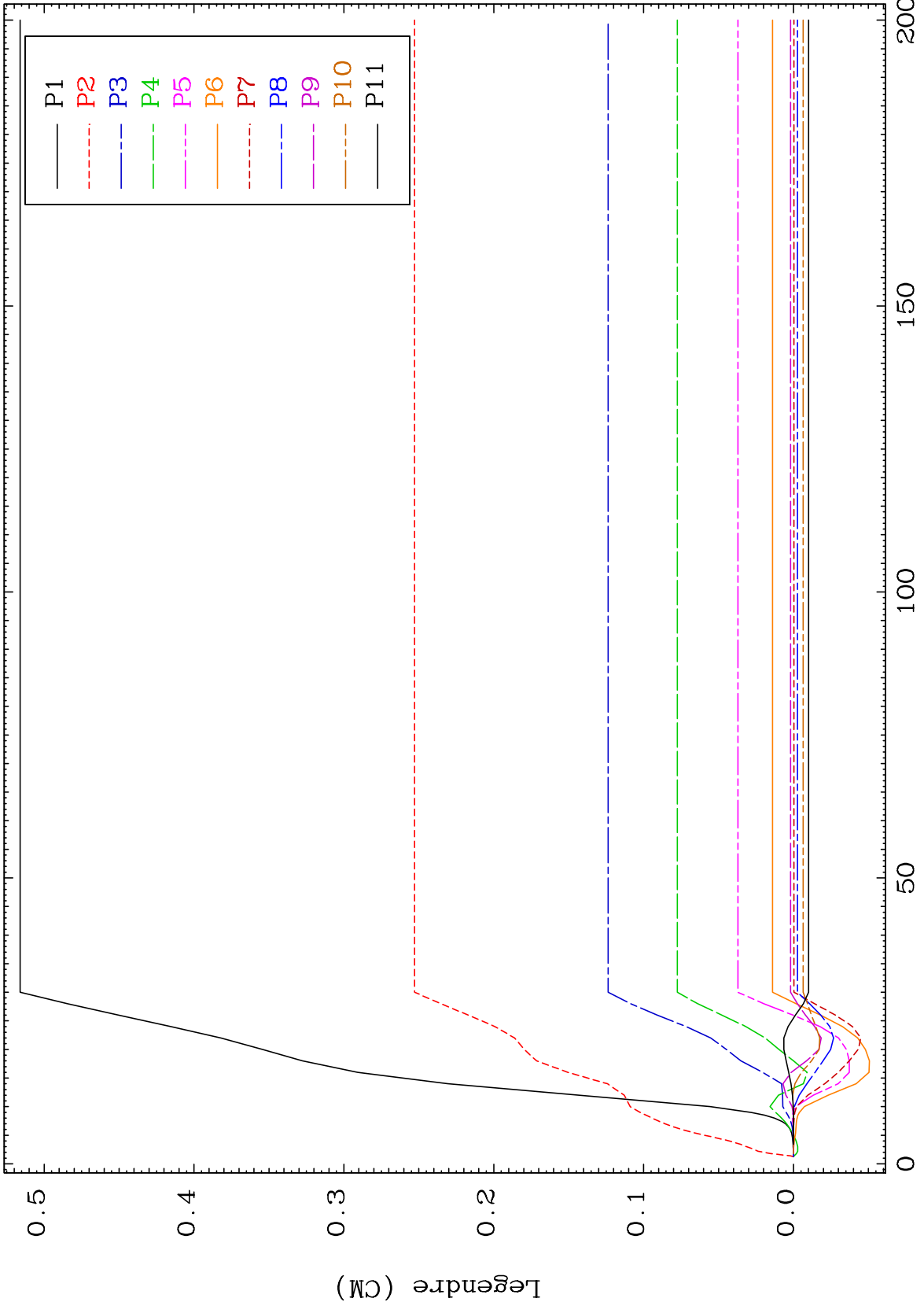


45

Incident Energy (MeV)

26-Fe-59

MAT 2640 MT= 60 (n,n') Level Legendre Coefficients 26-Fe-59

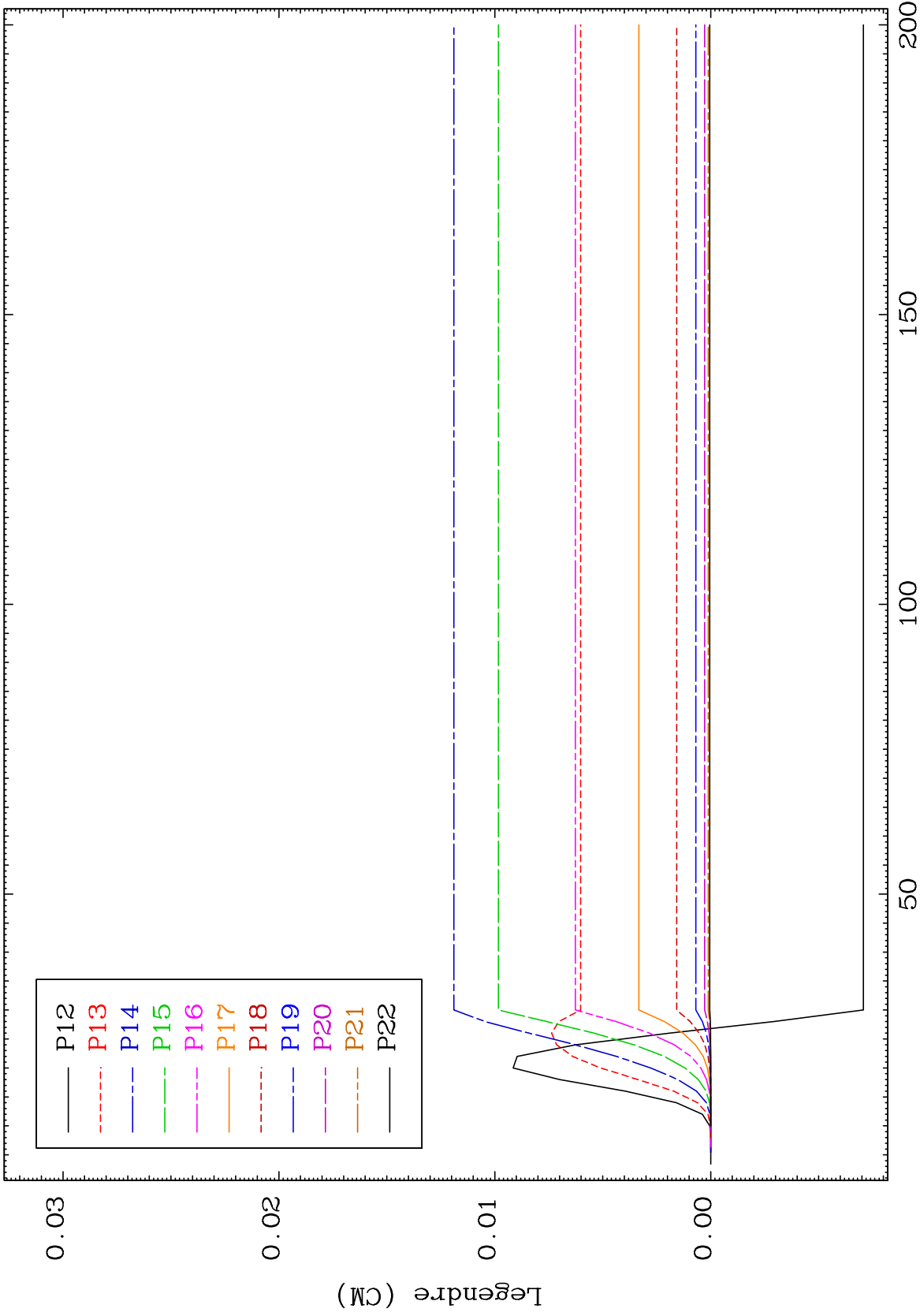


46 26-Fe-59

MAT 2640

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

26-Fe-59



47

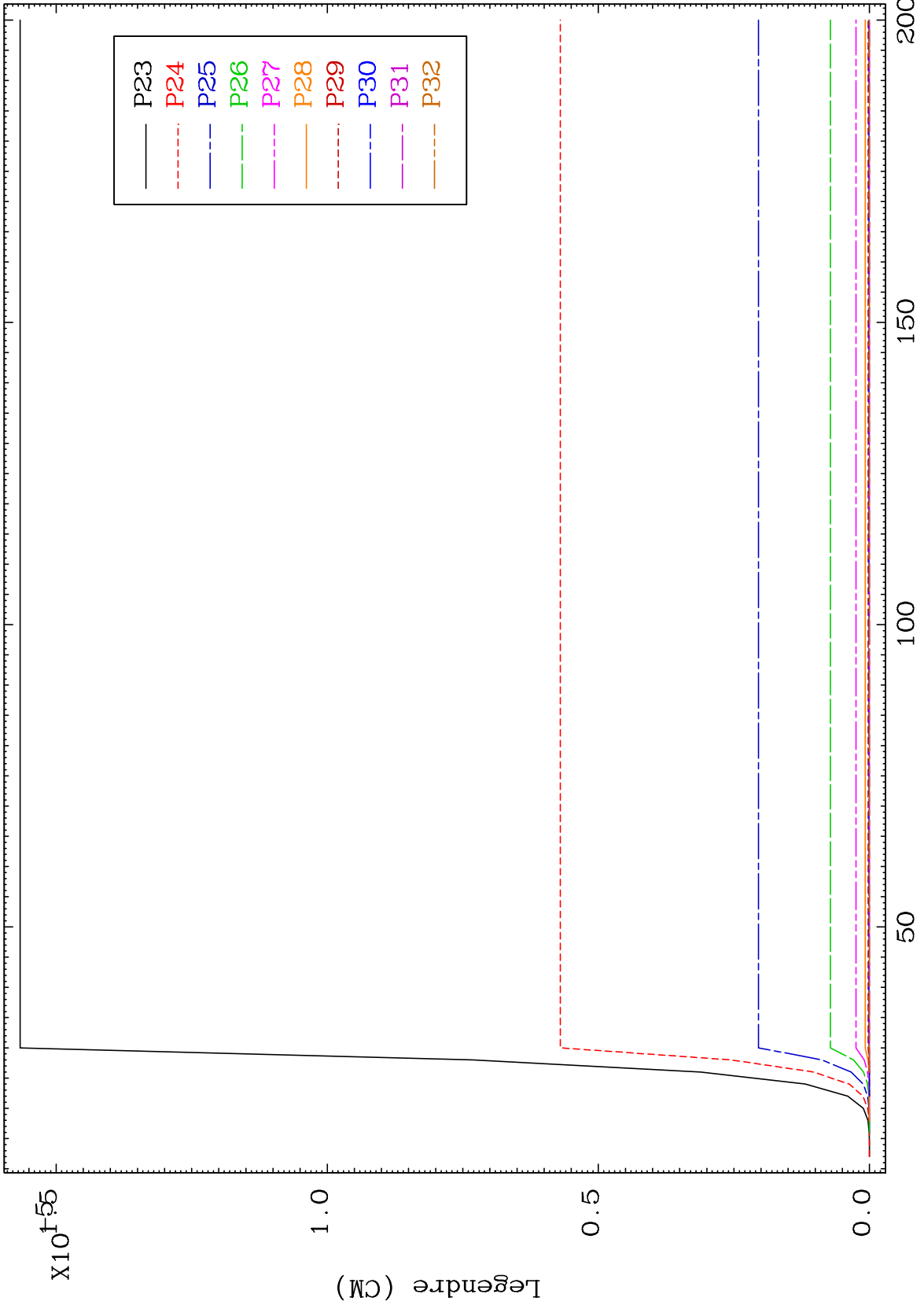
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



48

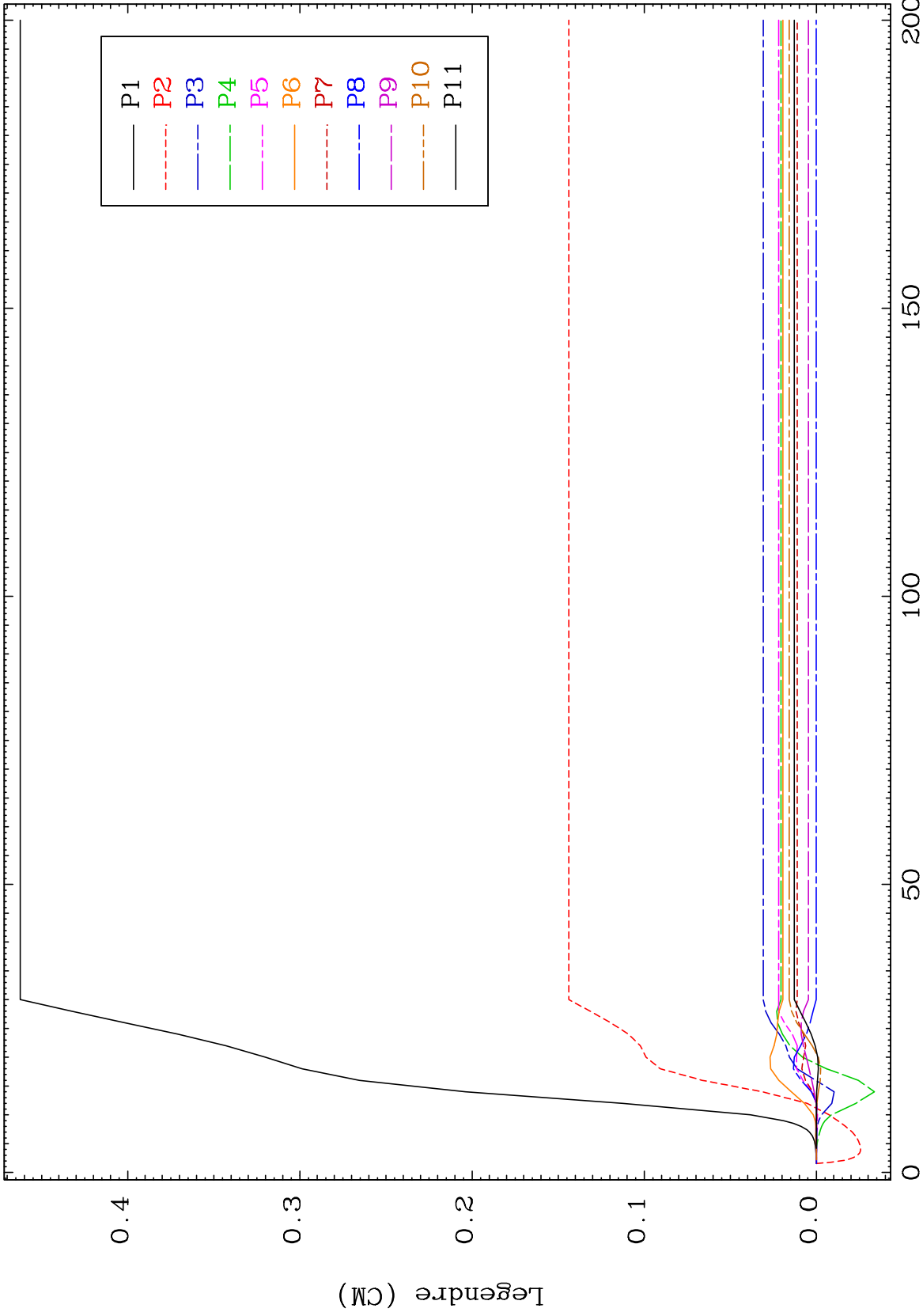
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



49

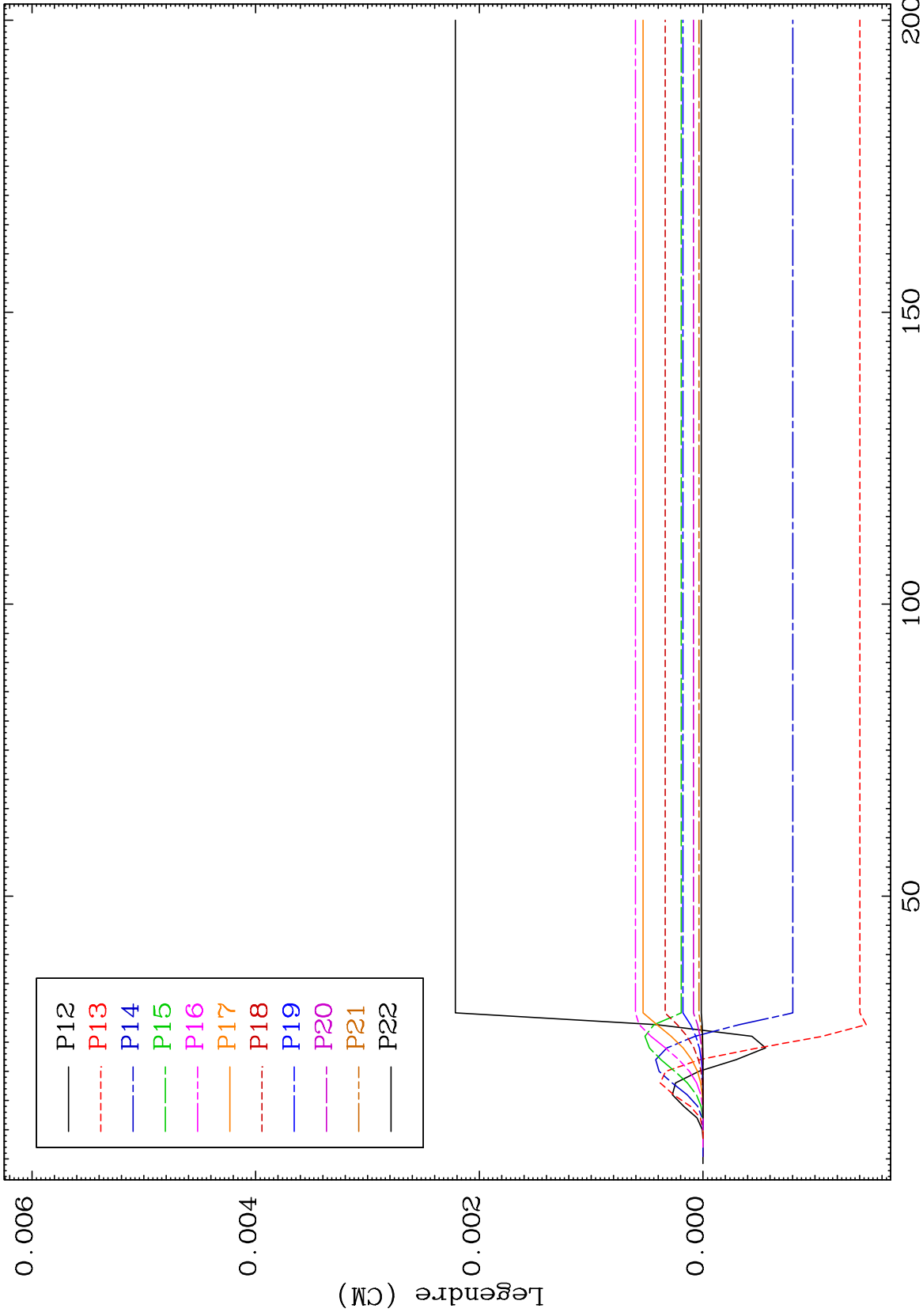
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

²⁶Fe-59



50

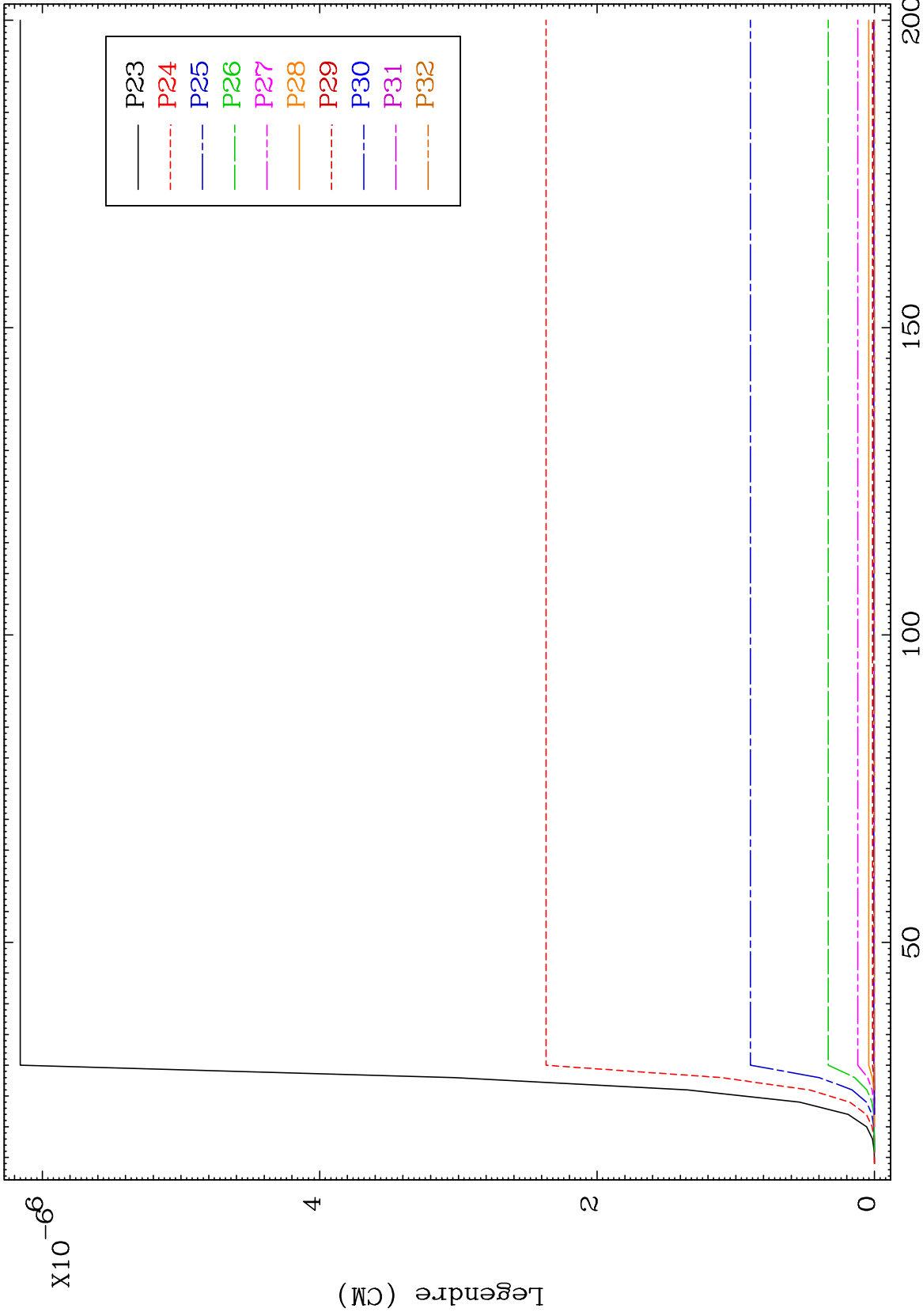
Incident Energy (MeV)

²⁶Fe-59

MAT 2640

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

26-Fe-59



51

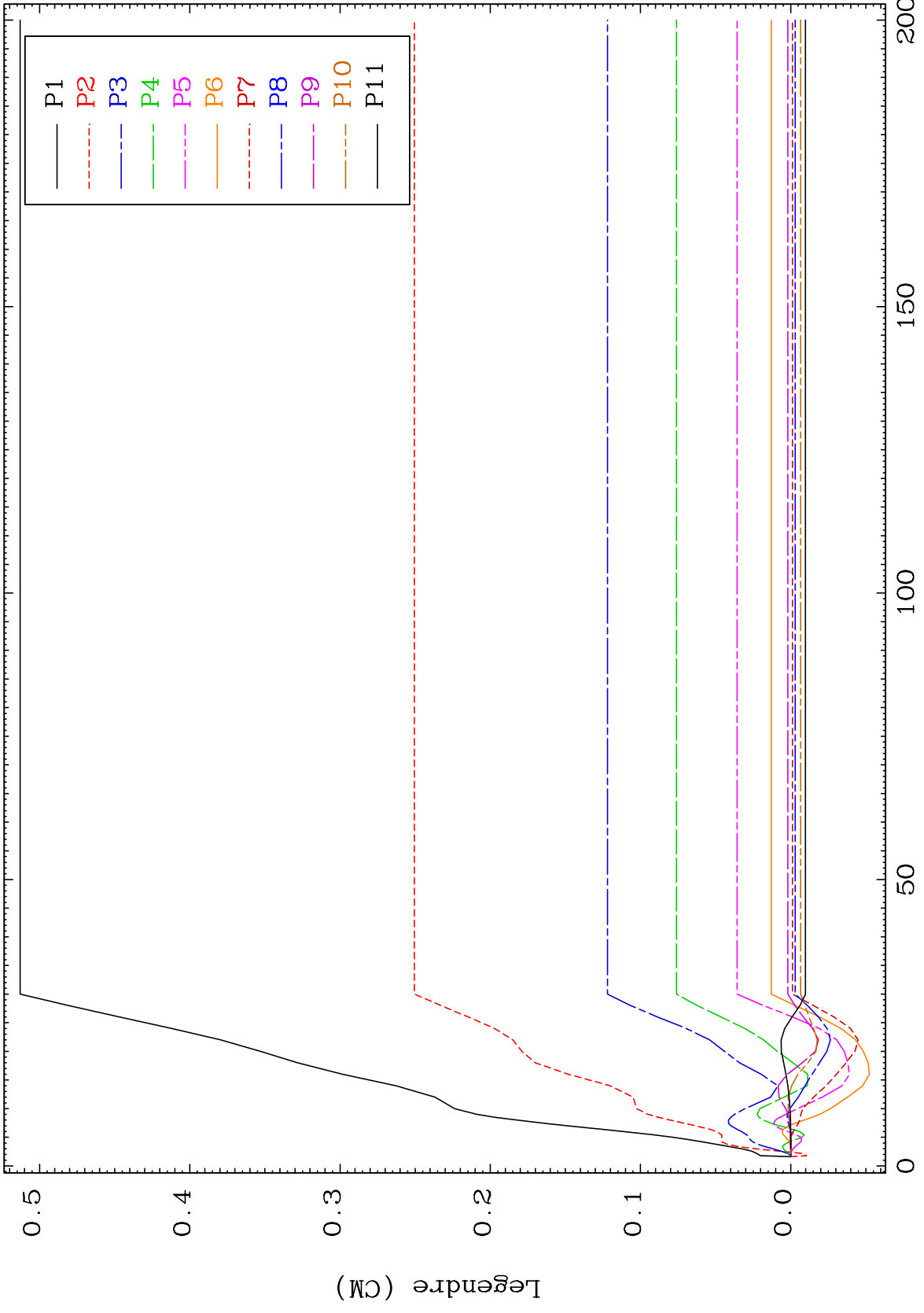
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



52

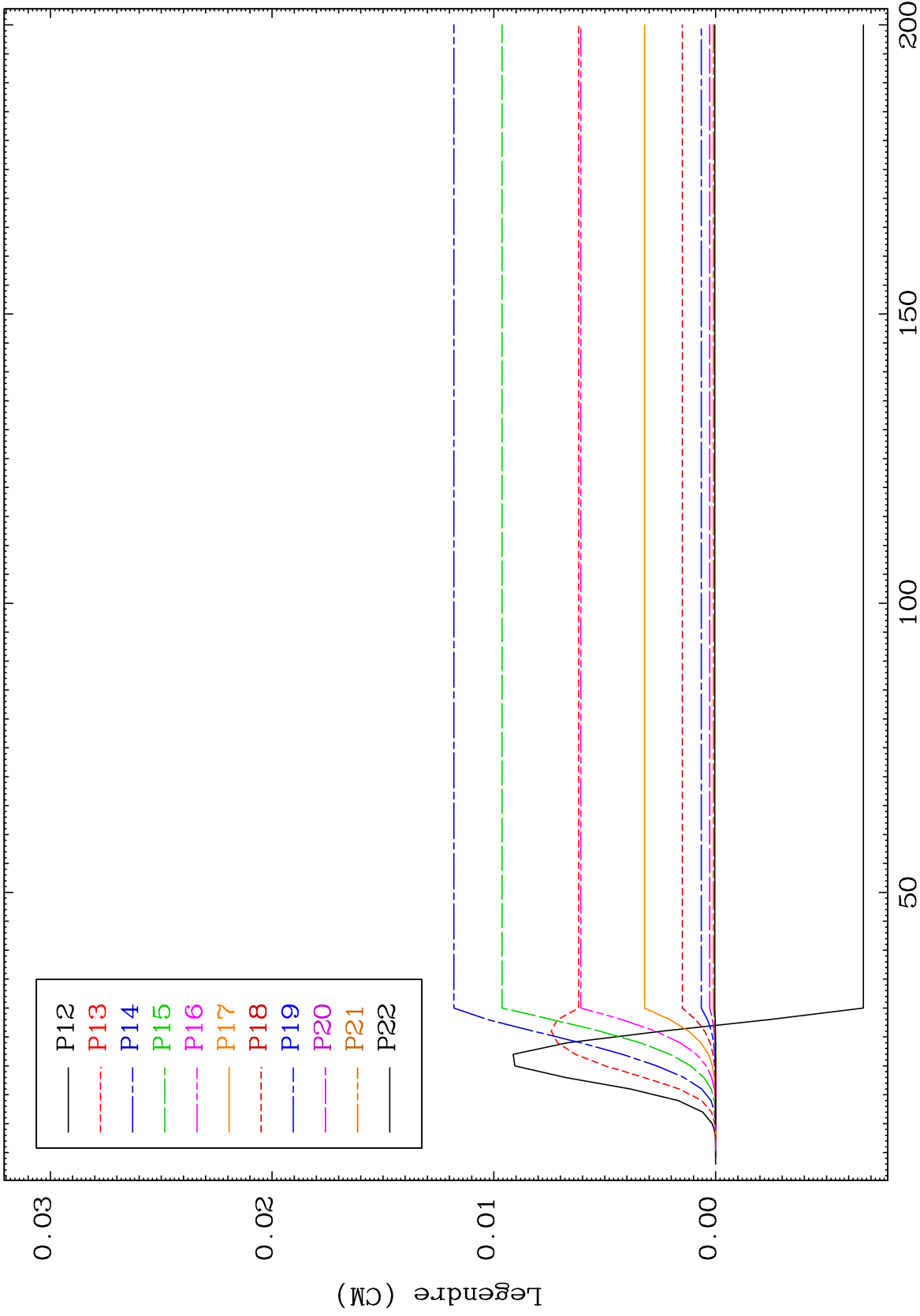
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



53

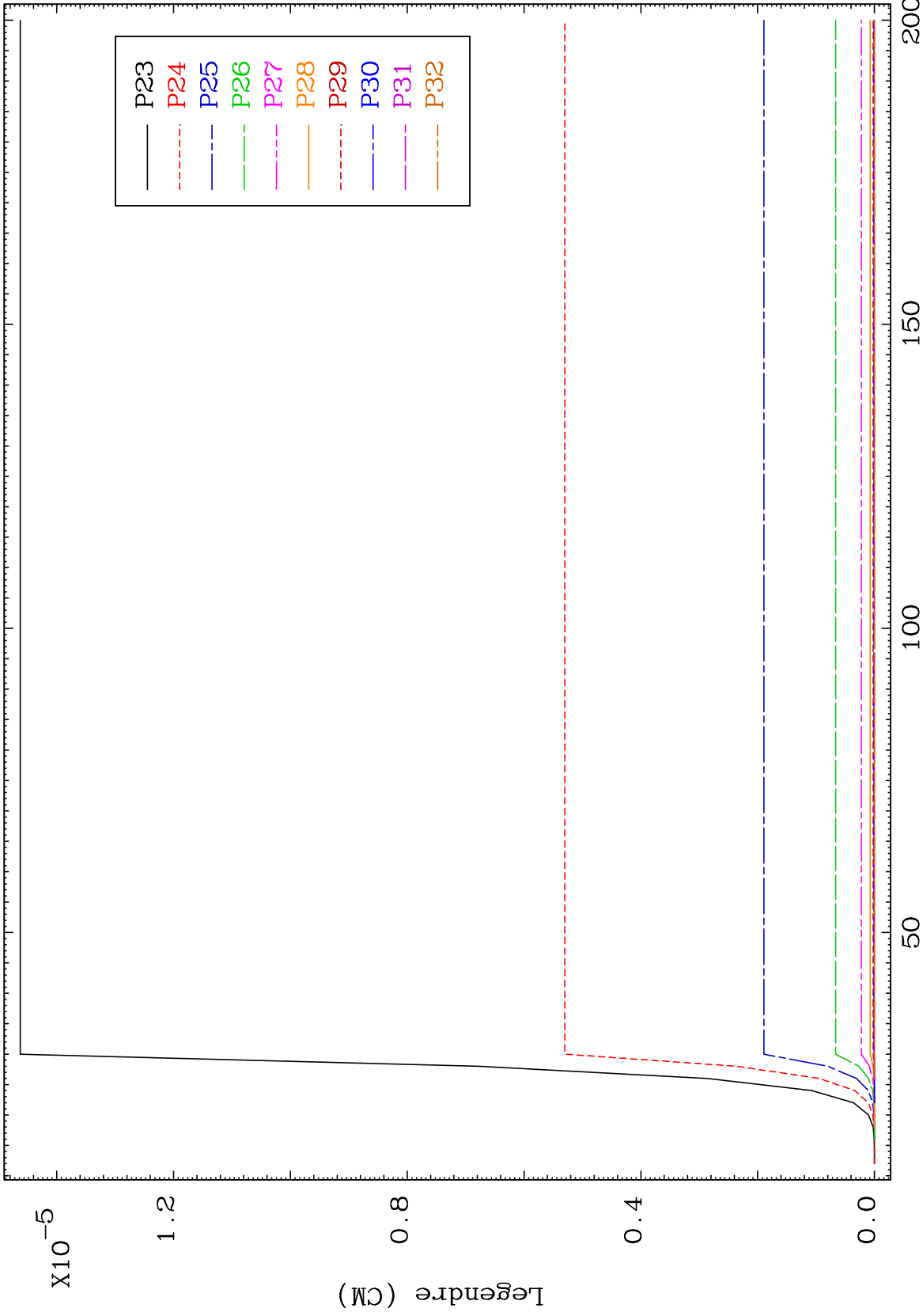
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



54

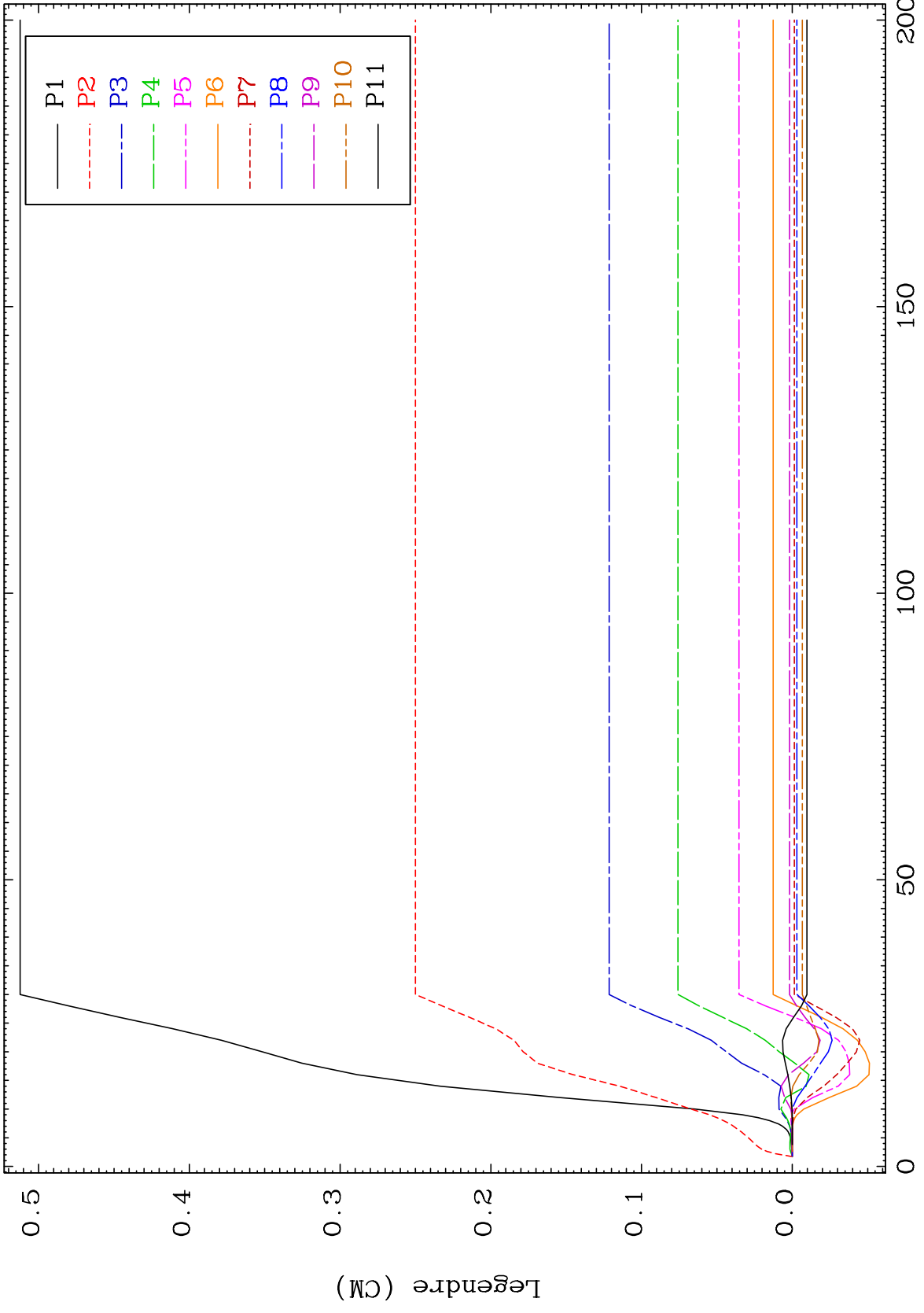
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



55

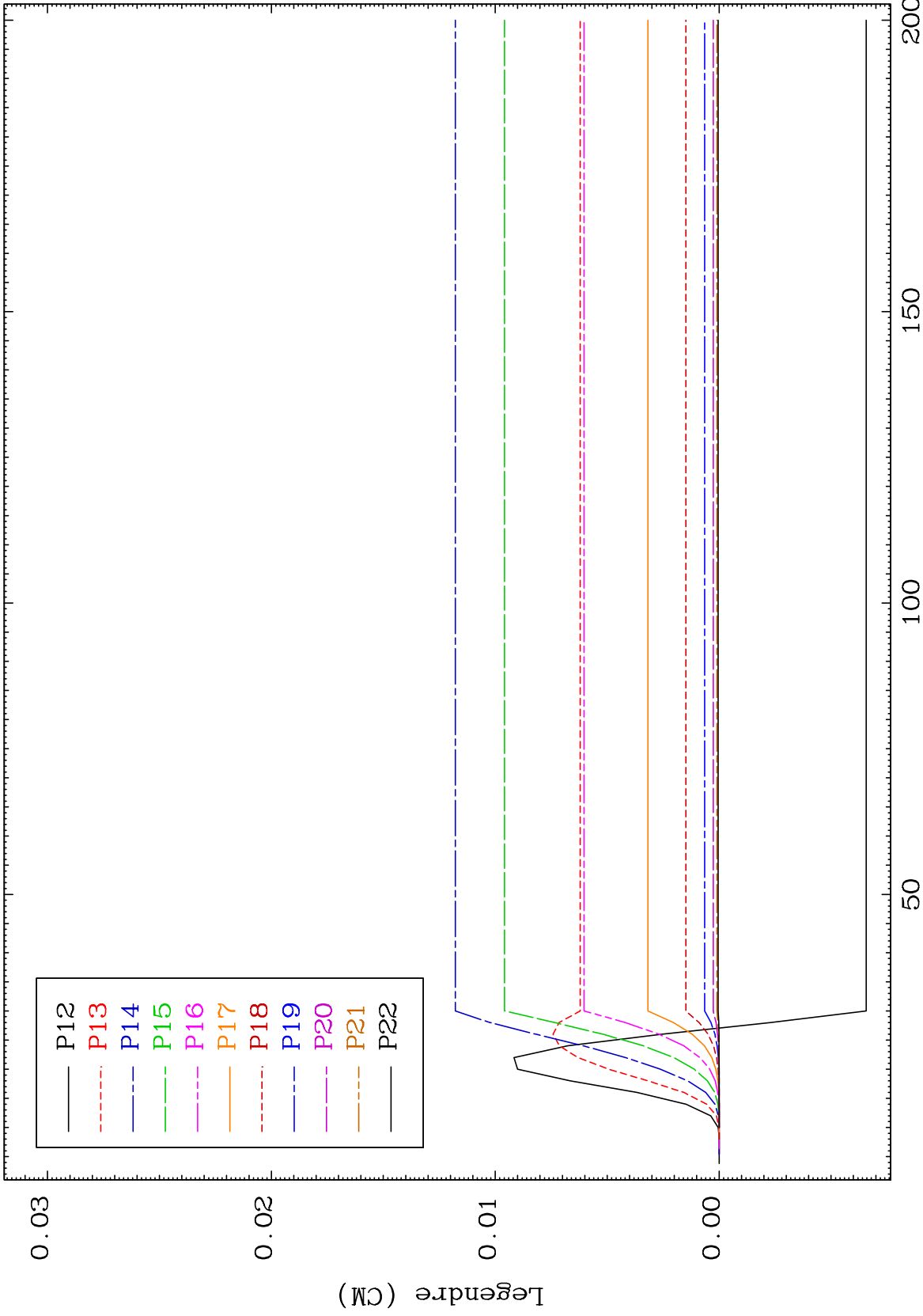
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



56

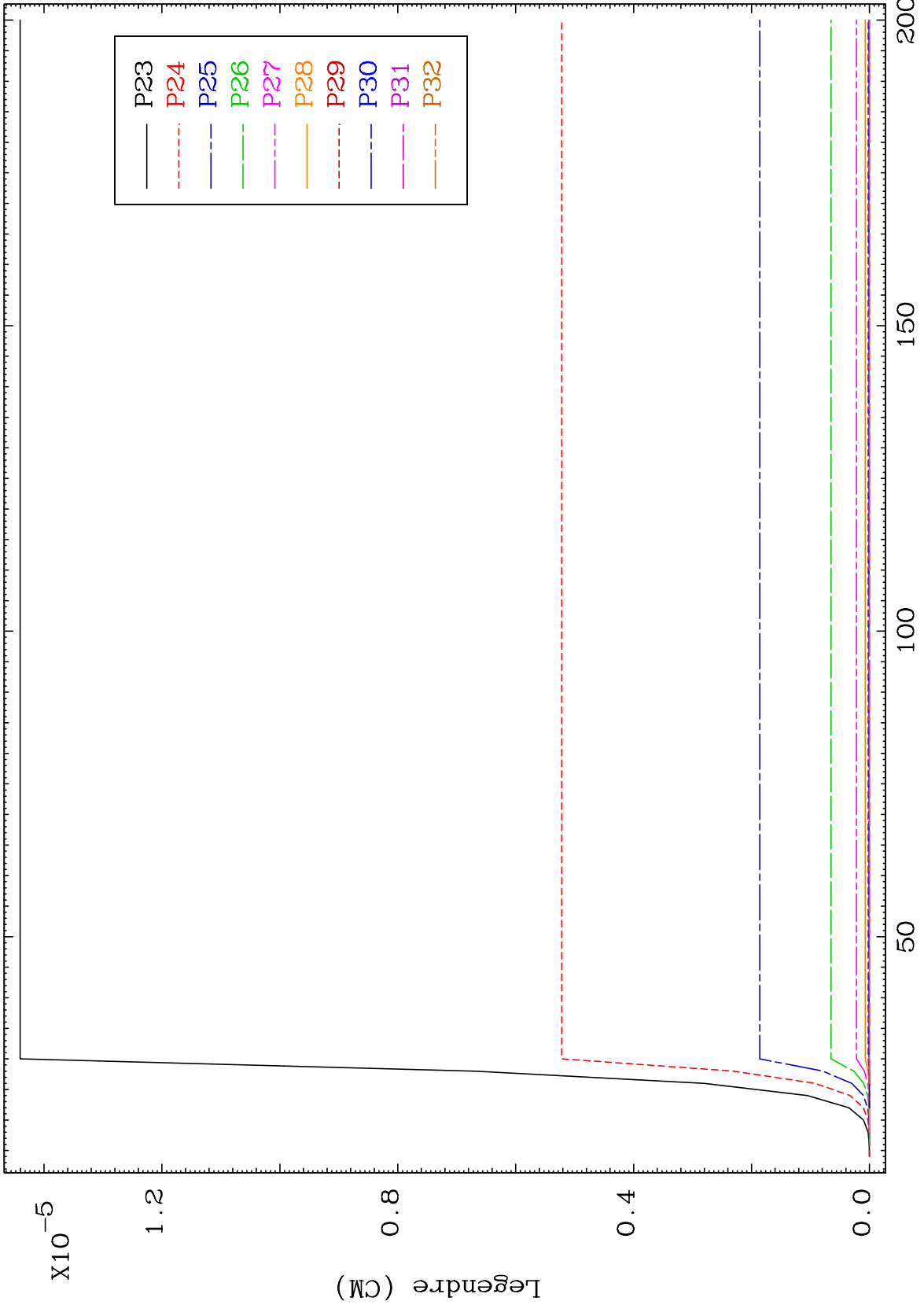
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59

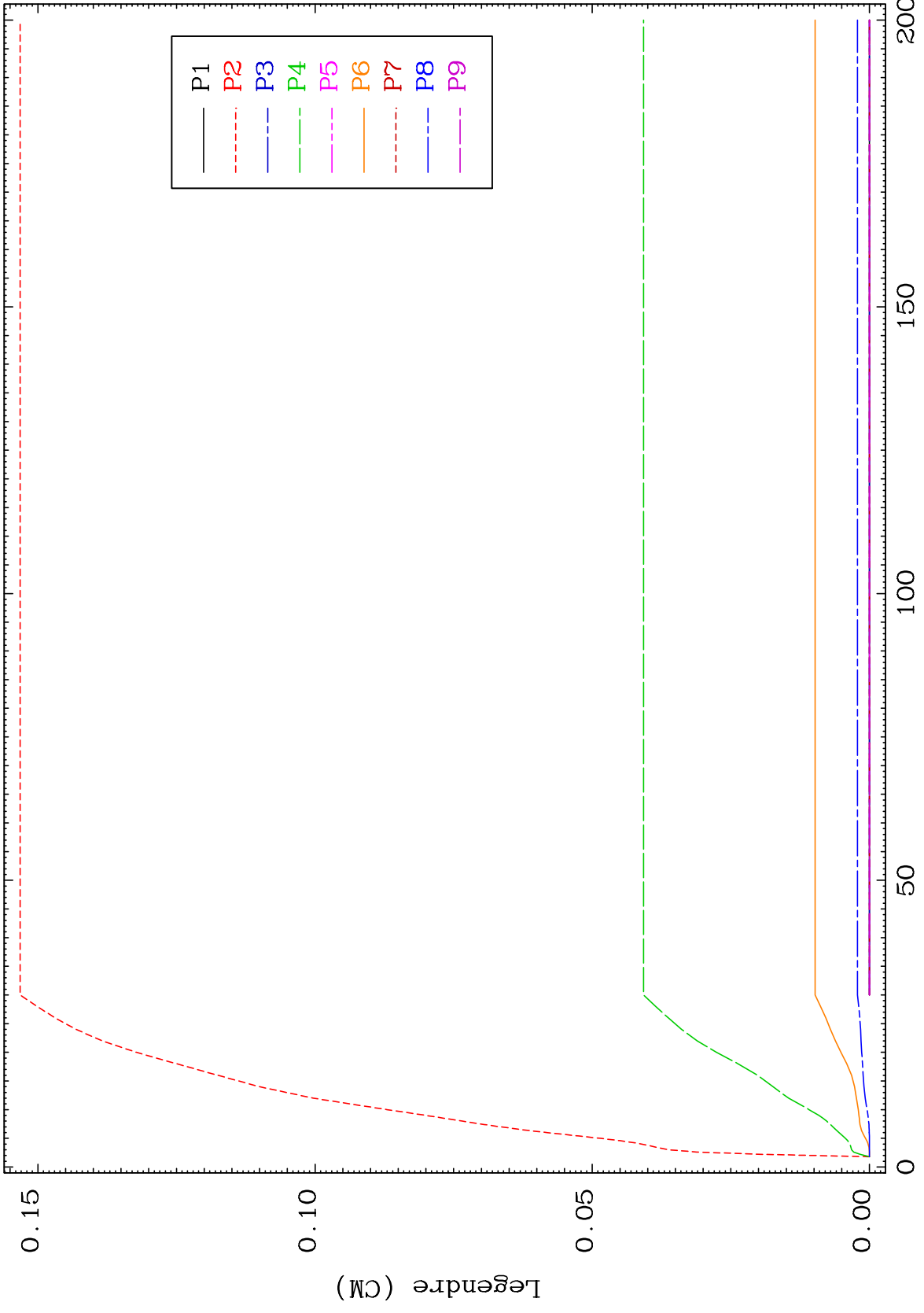


57

Incident Energy (MeV)

26-Fe-59

MAT 2640 MT= 64 (n,n') Level Legendre Coefficients 26-Fe-59

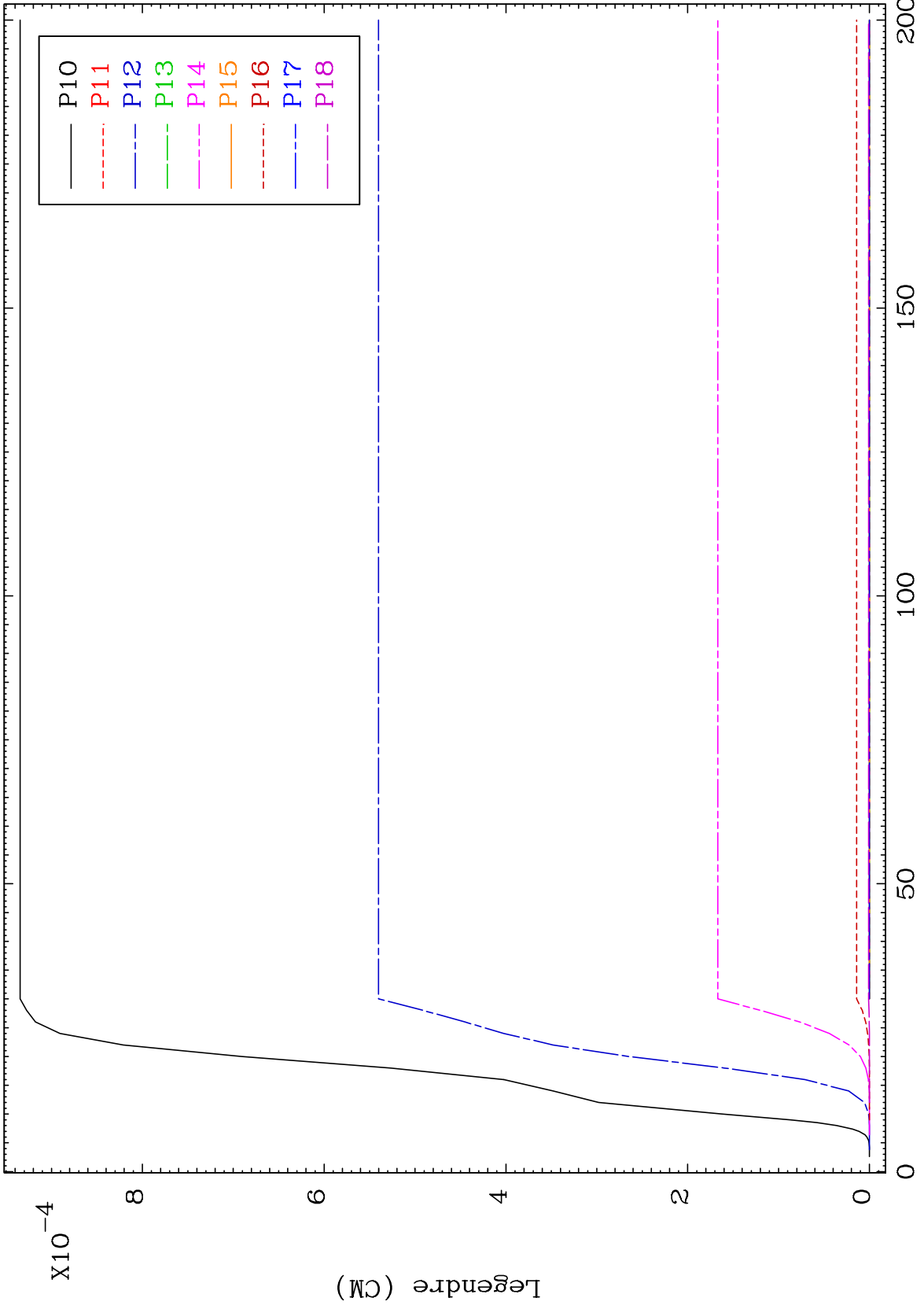


58 26-Fe-59

MAT 2640

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

26-Fe-59

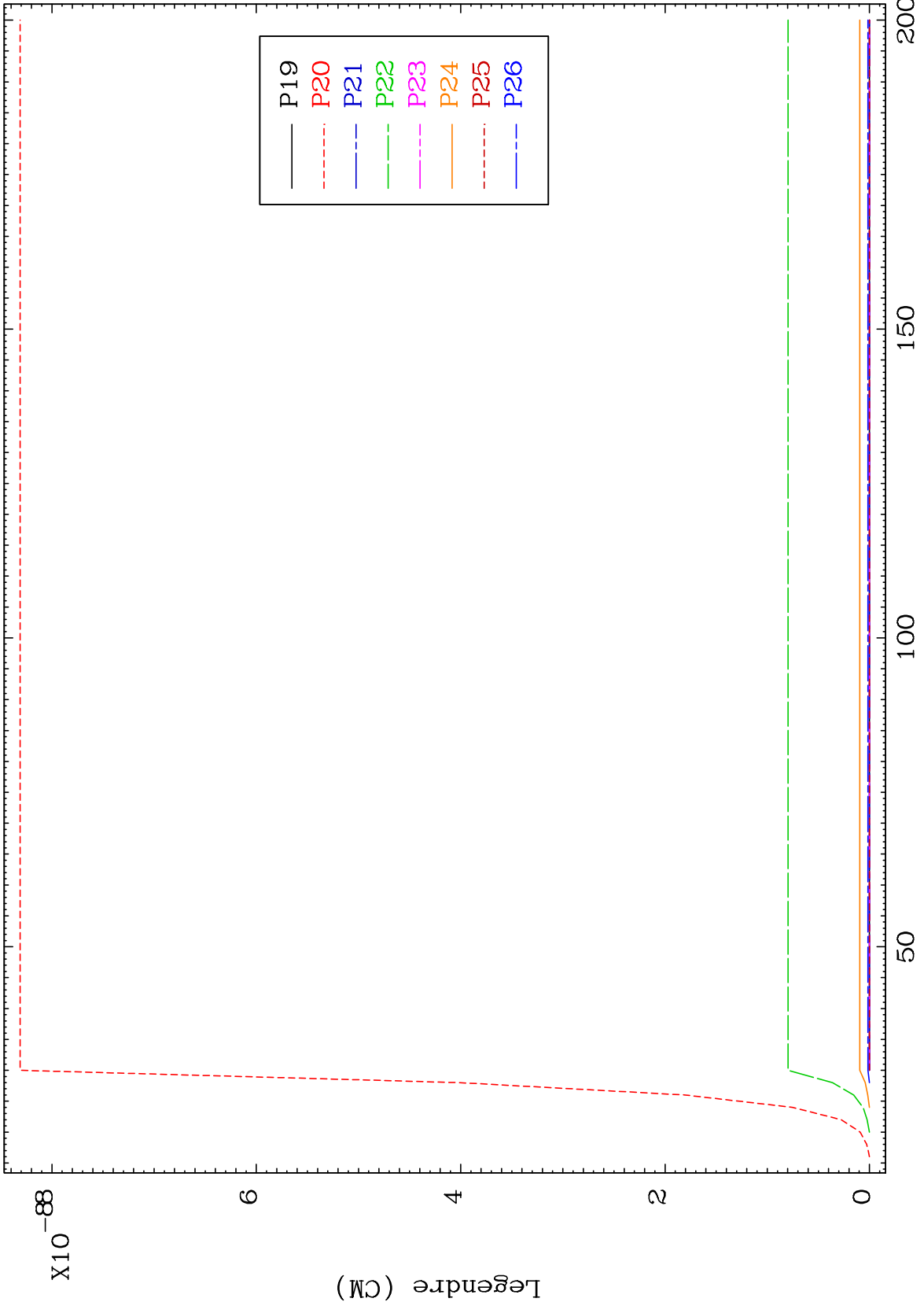


59

Incident Energy (MeV)

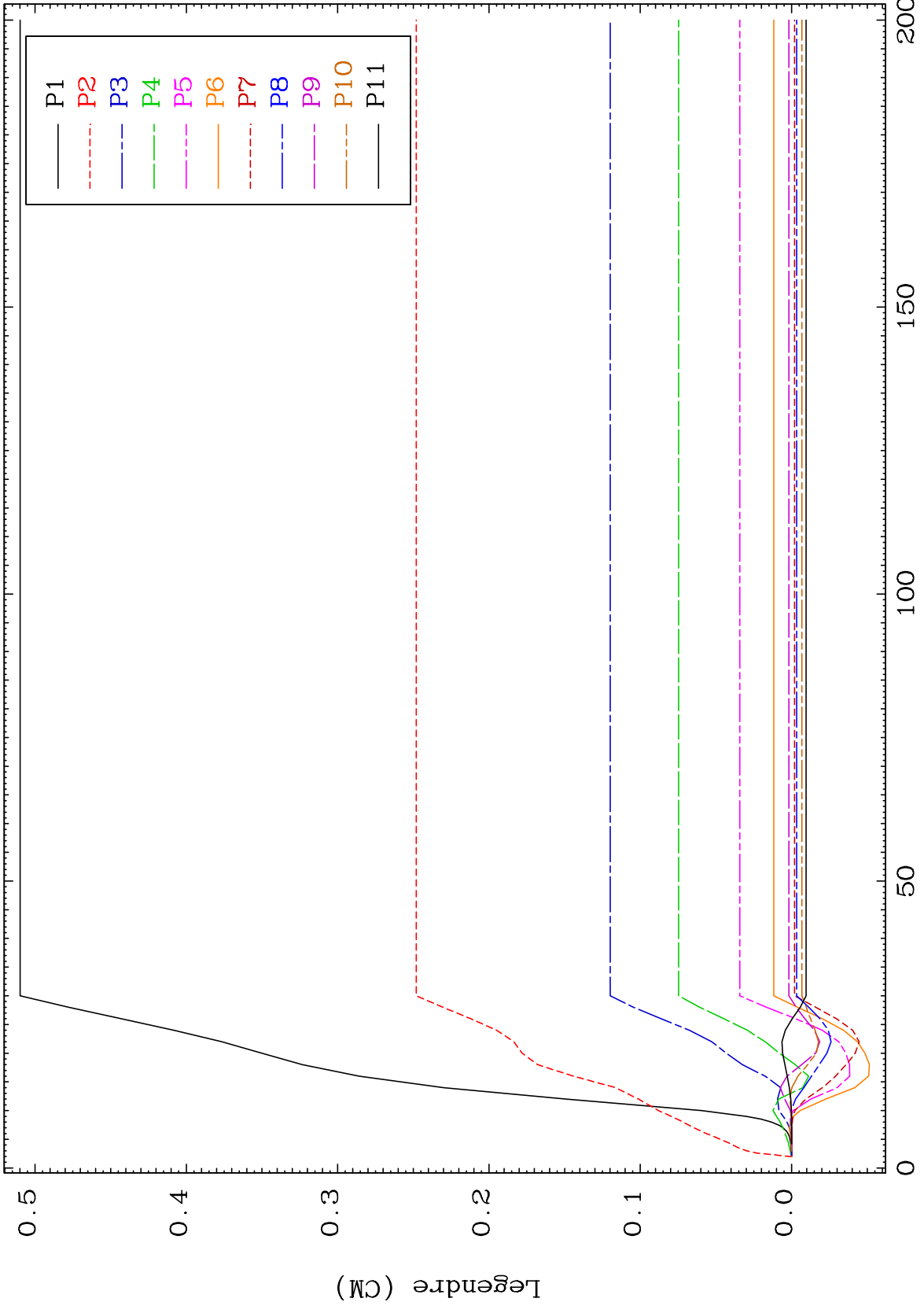
26-Fe-59

MAT 2640 MT= 64 (n,n') Level Legendre Coefficients 26-Fe-59



26-Fe-59

MAT 2640 MT= 65 (n,n') Level Legendre Coefficients 26-Fe-59

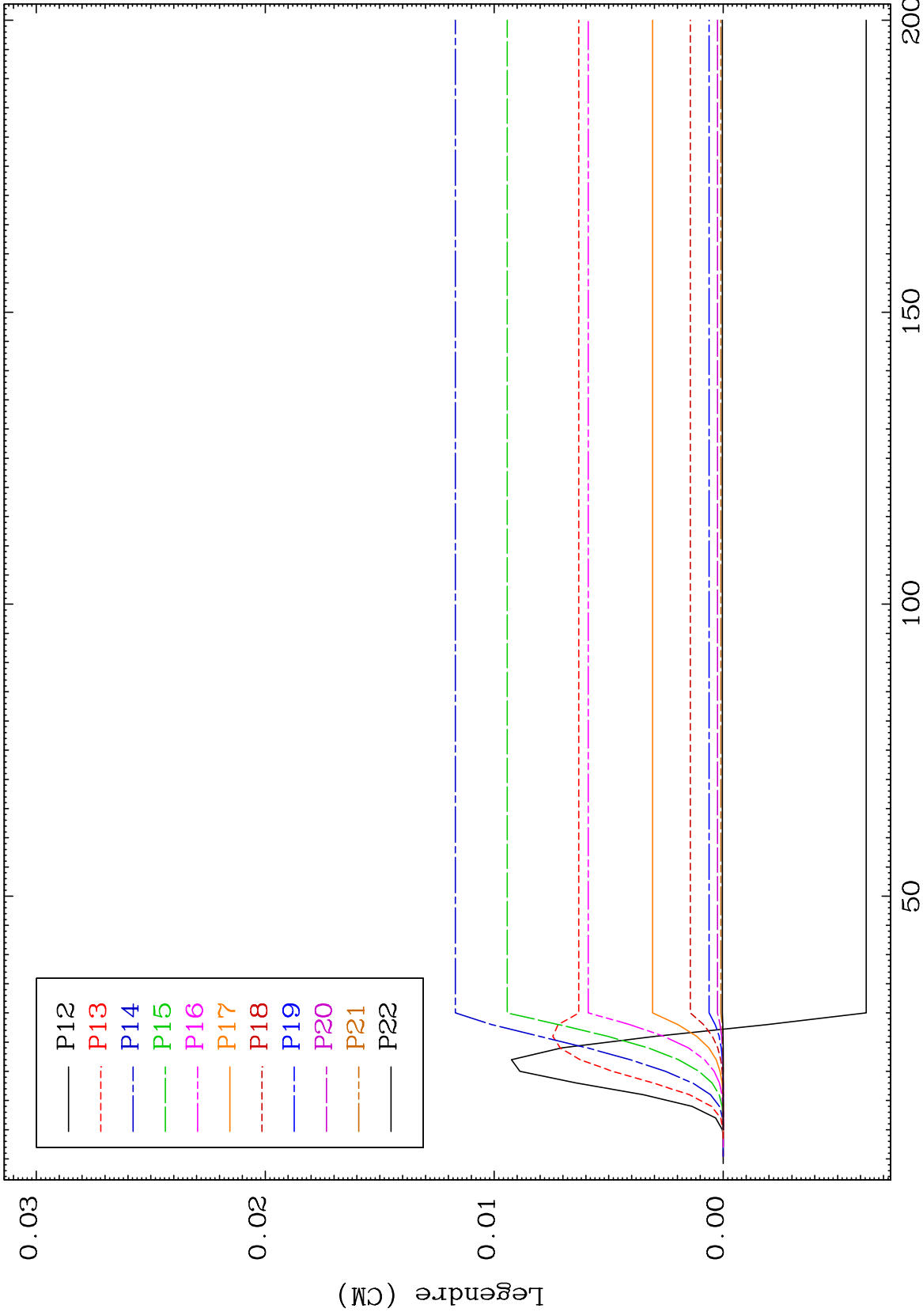


61 Incident Energy (MeV) 26-Fe-59

MAT 2640

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

26-Fe-59



62

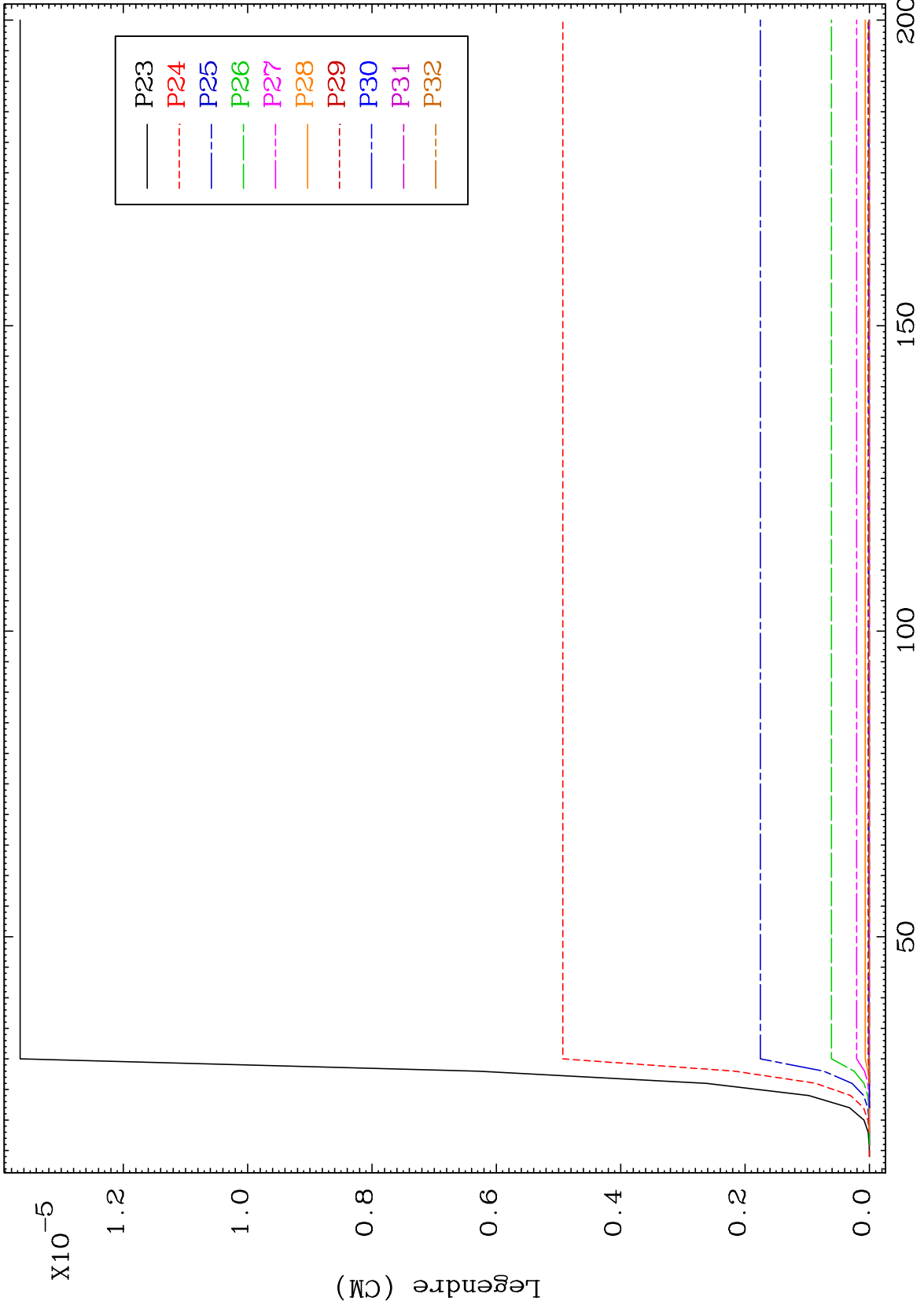
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59

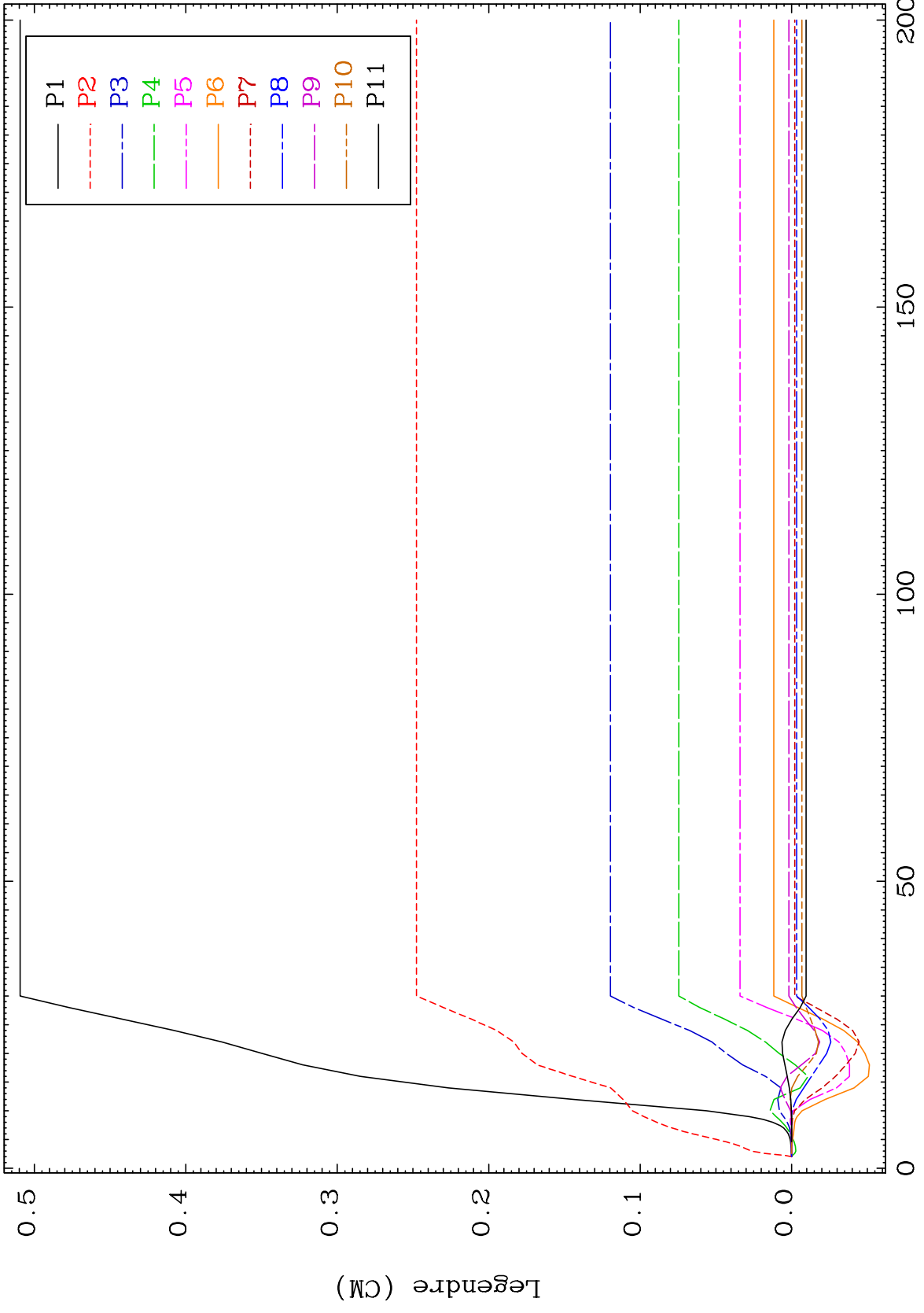


63

Incident Energy (MeV)

26-Fe-59

MAT 2640 MT= 66 (n,n') Level Legendre Coefficients 26-Fe-59

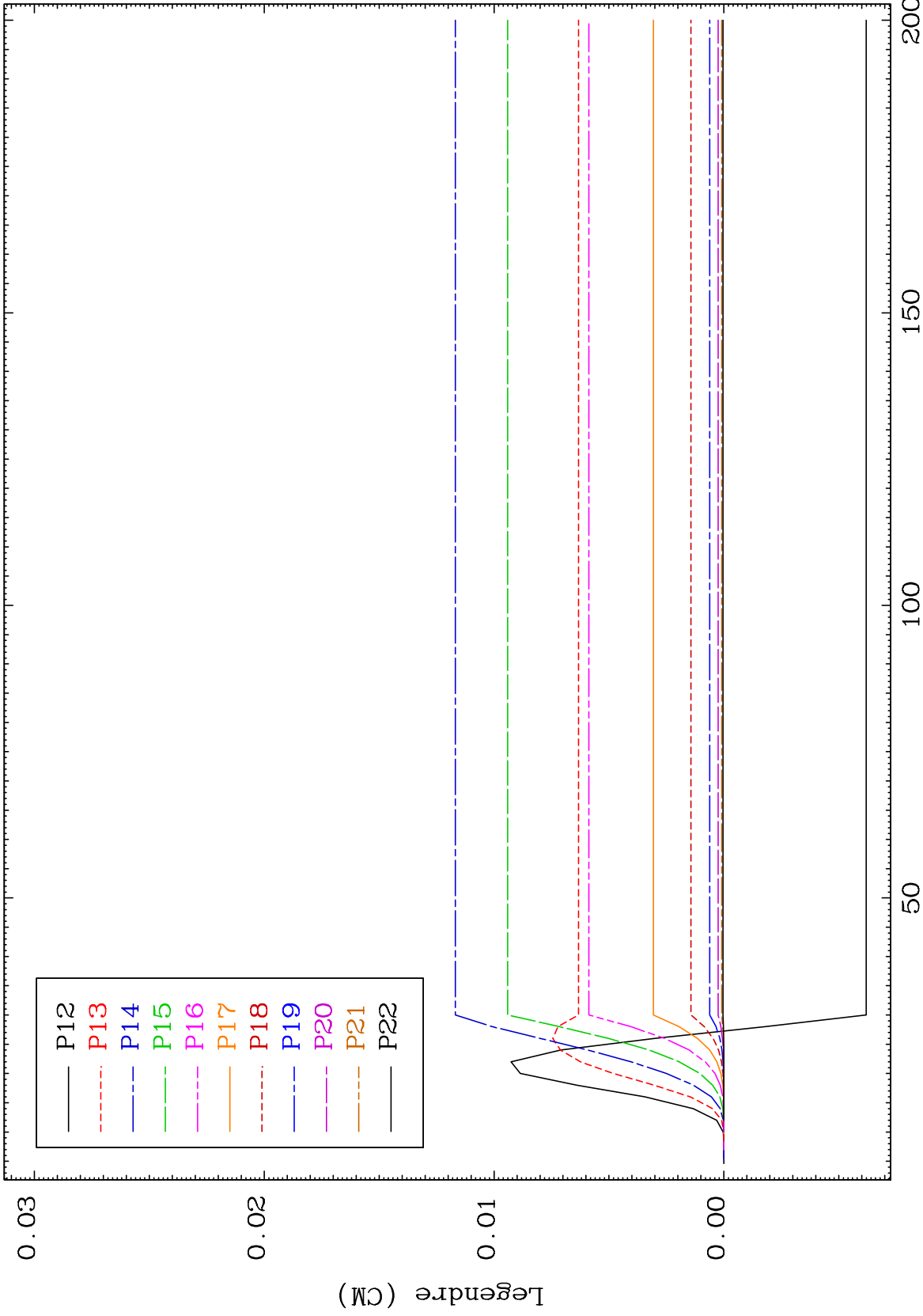


64 26-Fe-59

MAT 2640

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

26-Fe-59



65

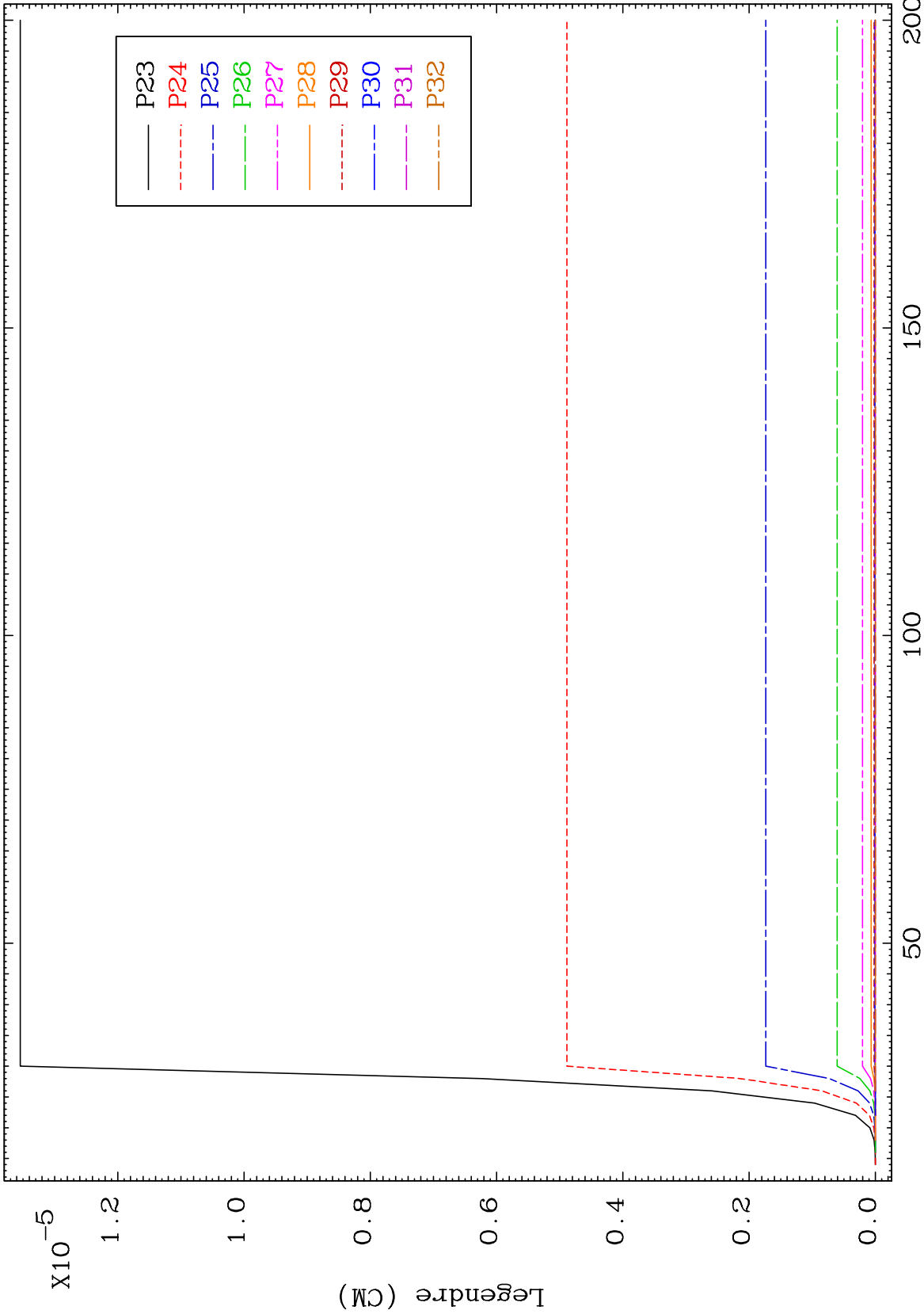
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59

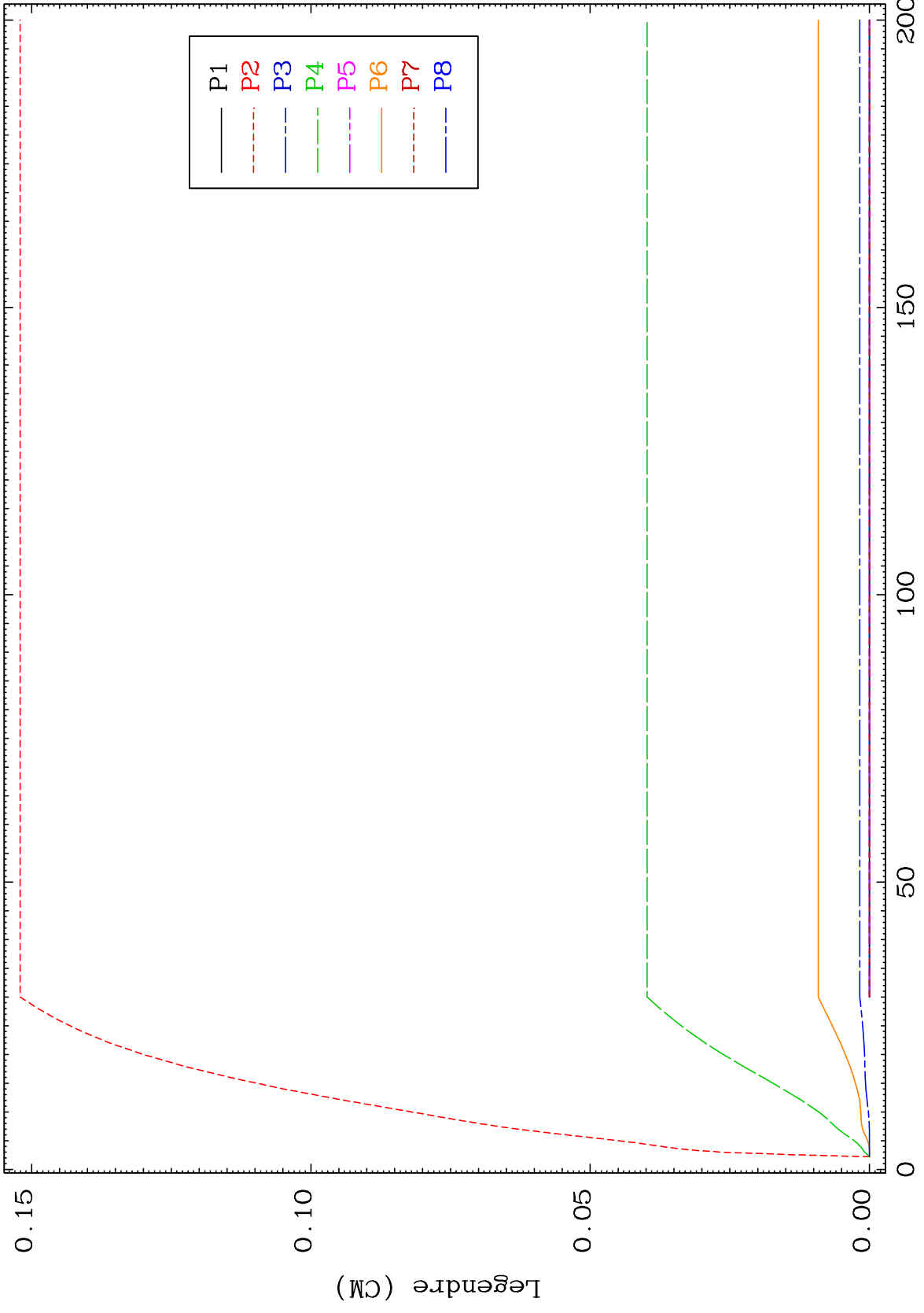


66

Incident Energy (MeV)

26-Fe-59

MAT 2640 MT= 67 (n,n') Level Legendre Coefficients 26-Fe-59

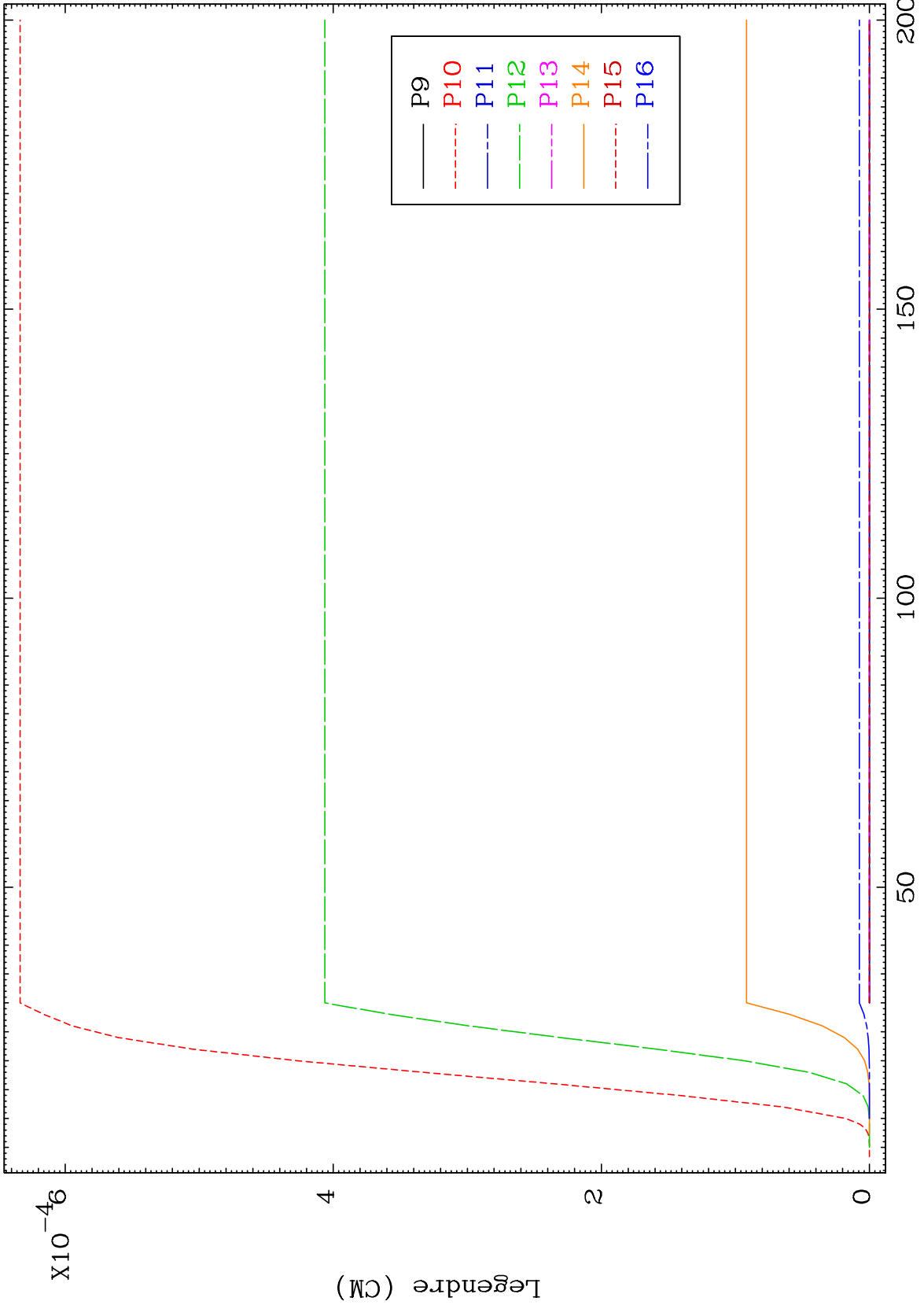


67 26-Fe-59

MAT 2640

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

26-Fe-59

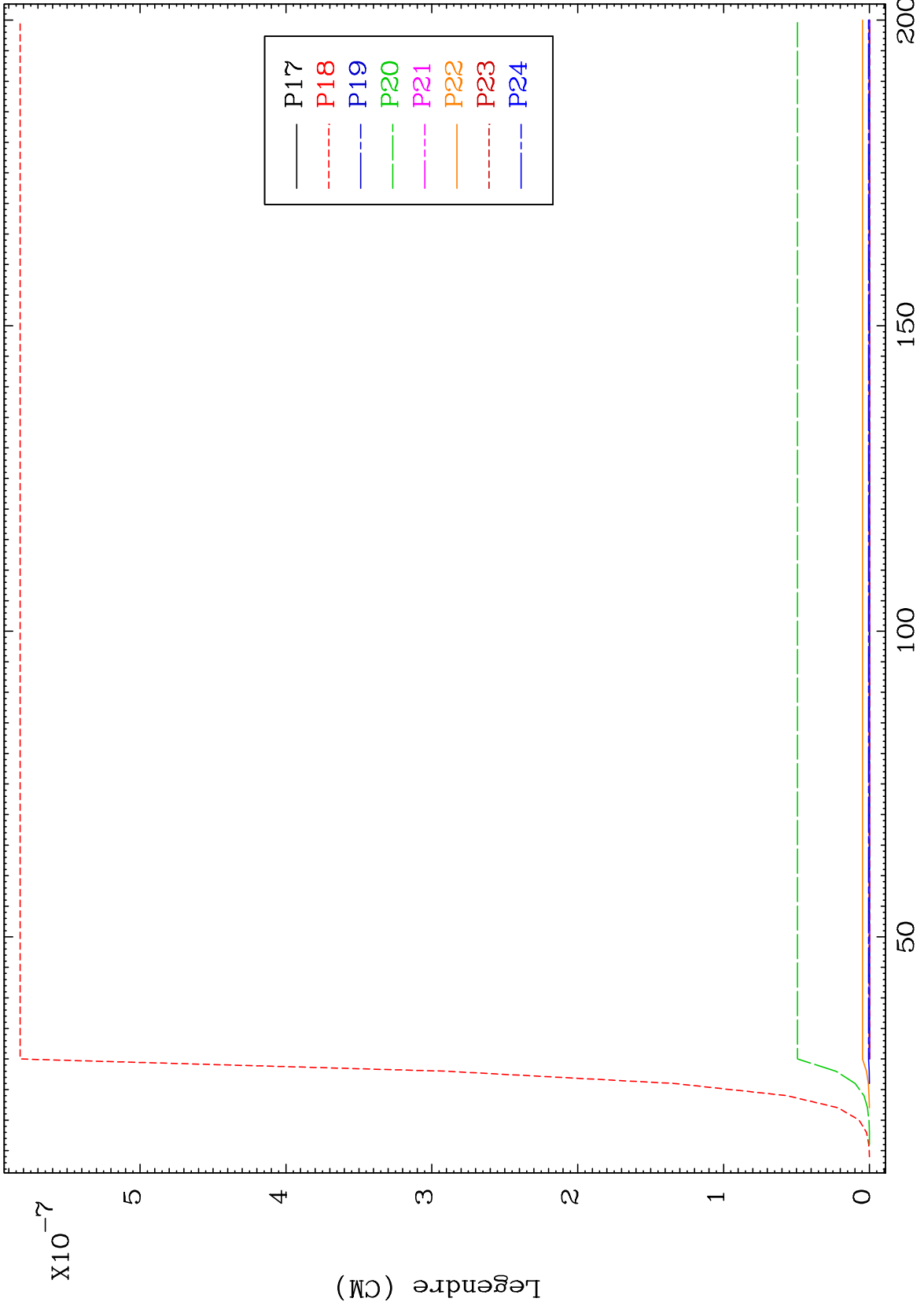


68

Incident Energy (MeV)

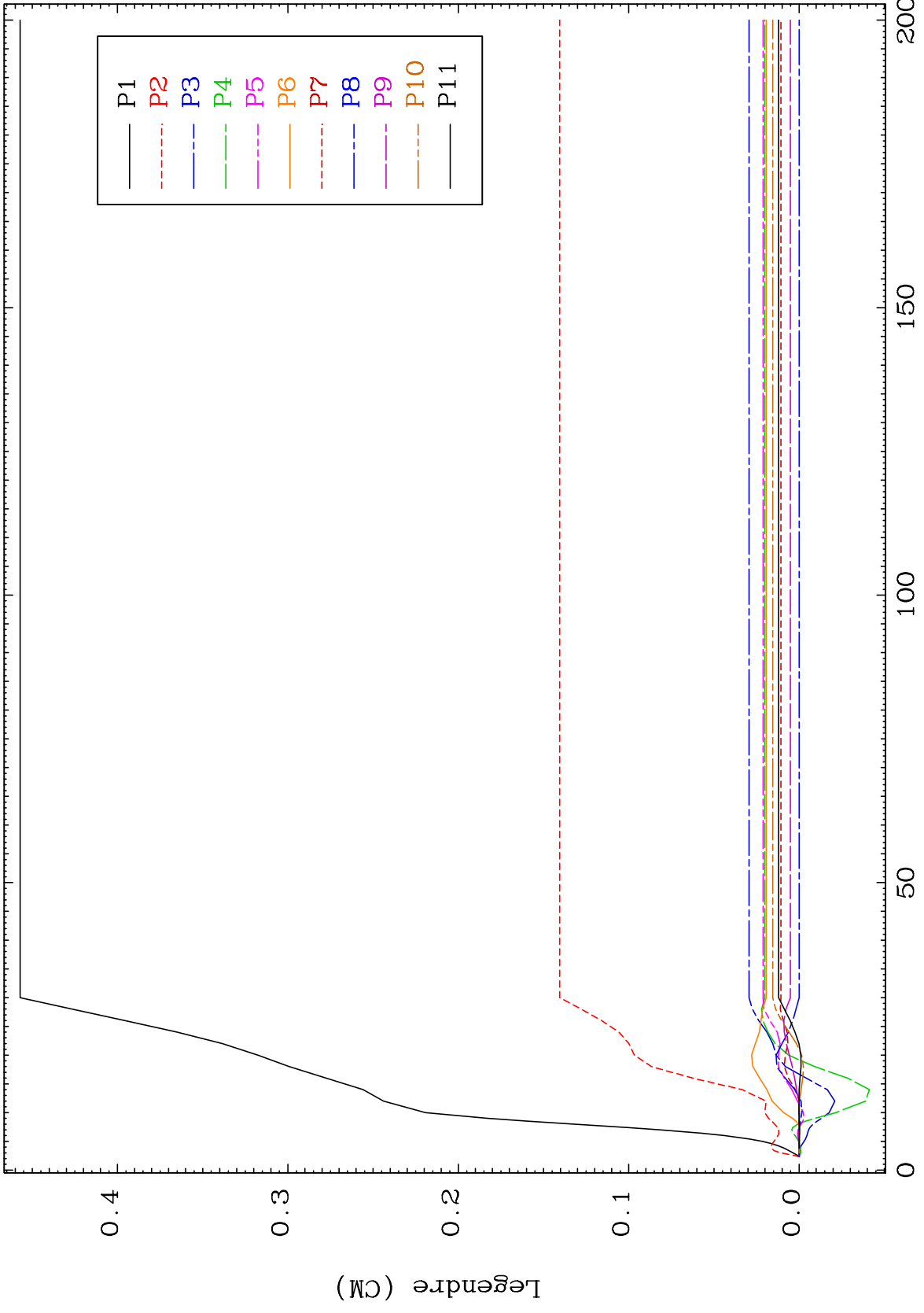
26-Fe-59

MAT 2640 MT= 67 (n,n') Level Legendre Coefficients 26-Fe-59



69 26-Fe-59

MAT 2640 MT= 68 (n,n') Level Legendre Coefficients 26-Fe-59

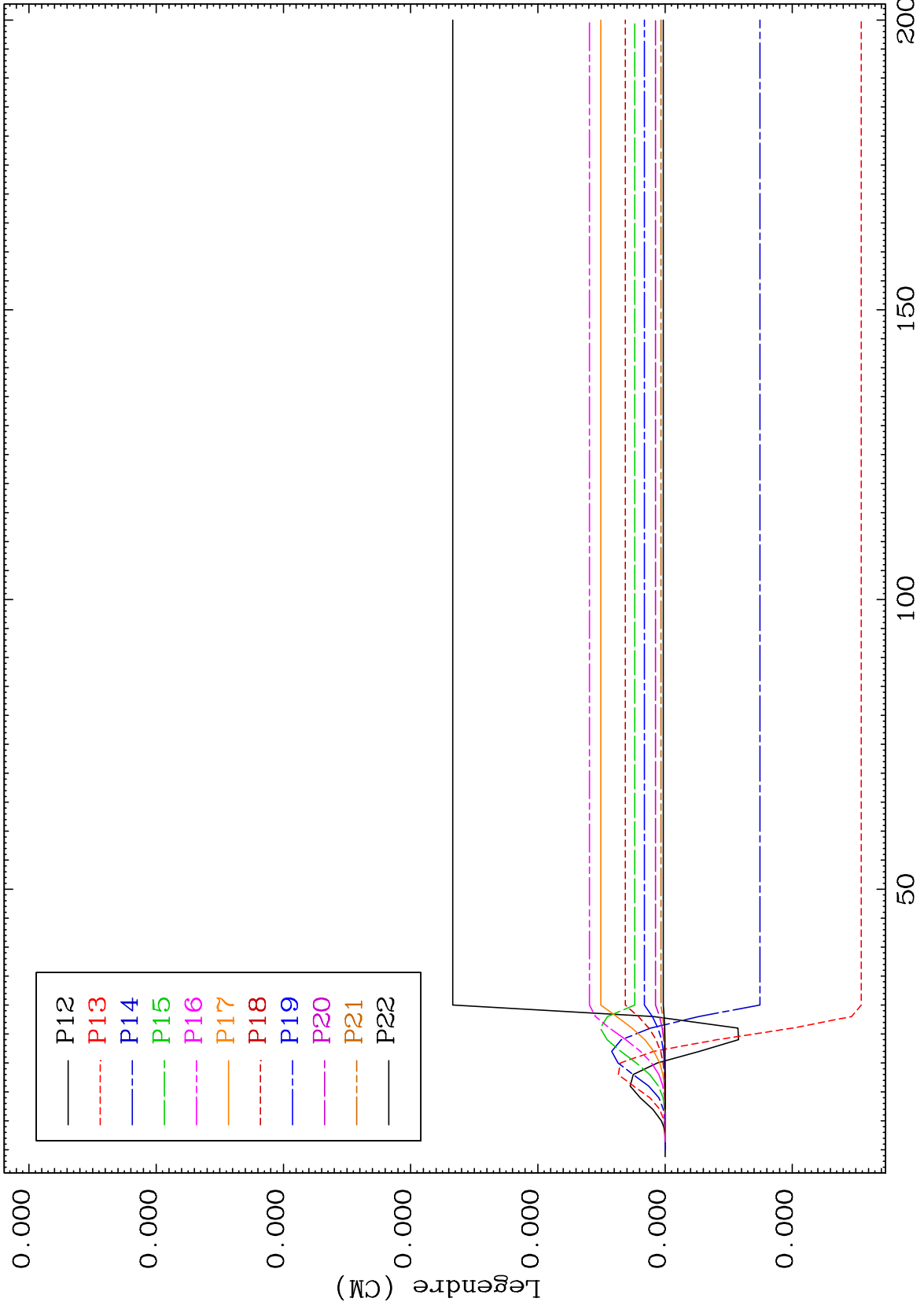


Legendre (CM) Incident Energy (MeV) 26-Fe-59

MAT 2640

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

26-Fe-59



71

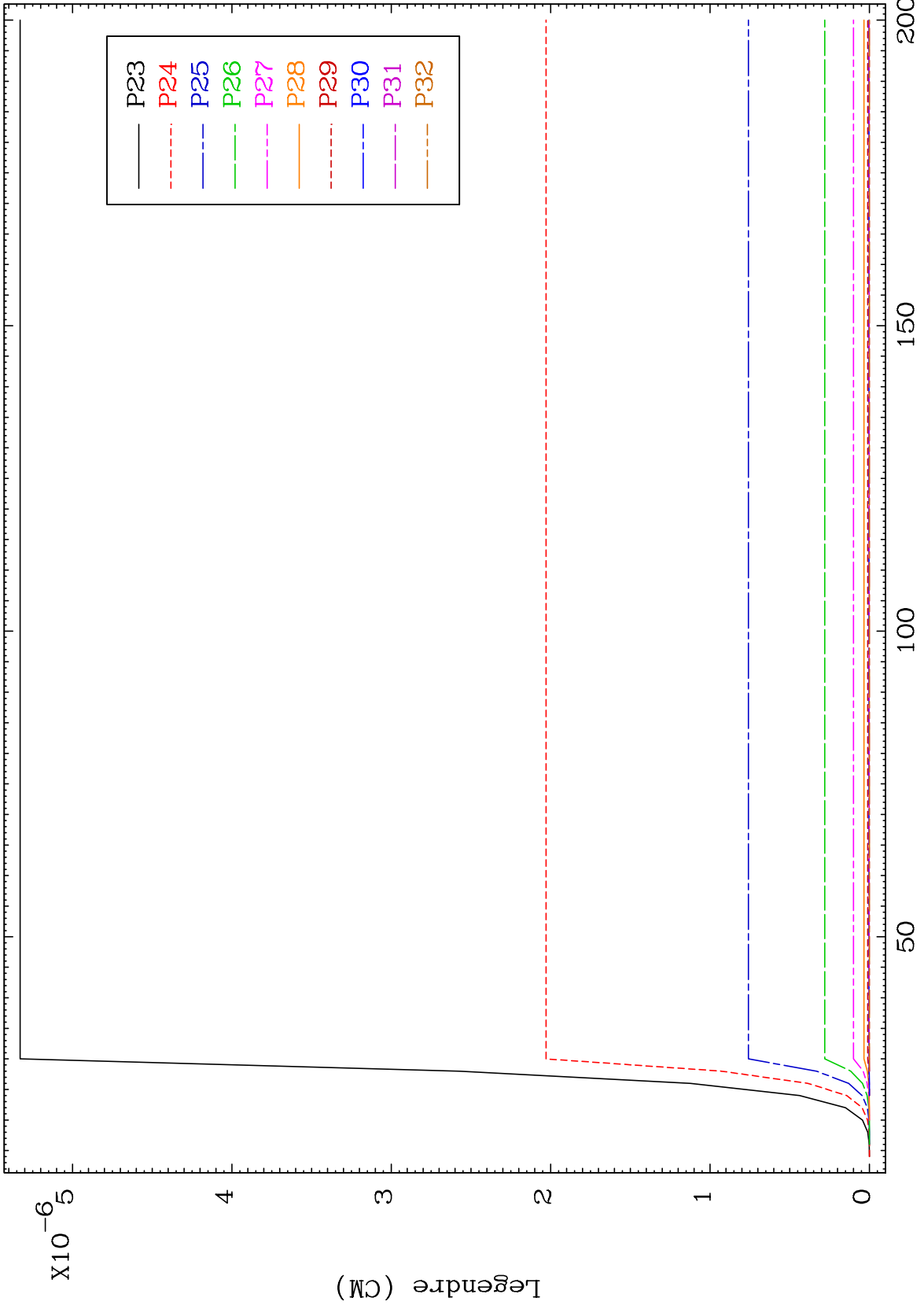
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59

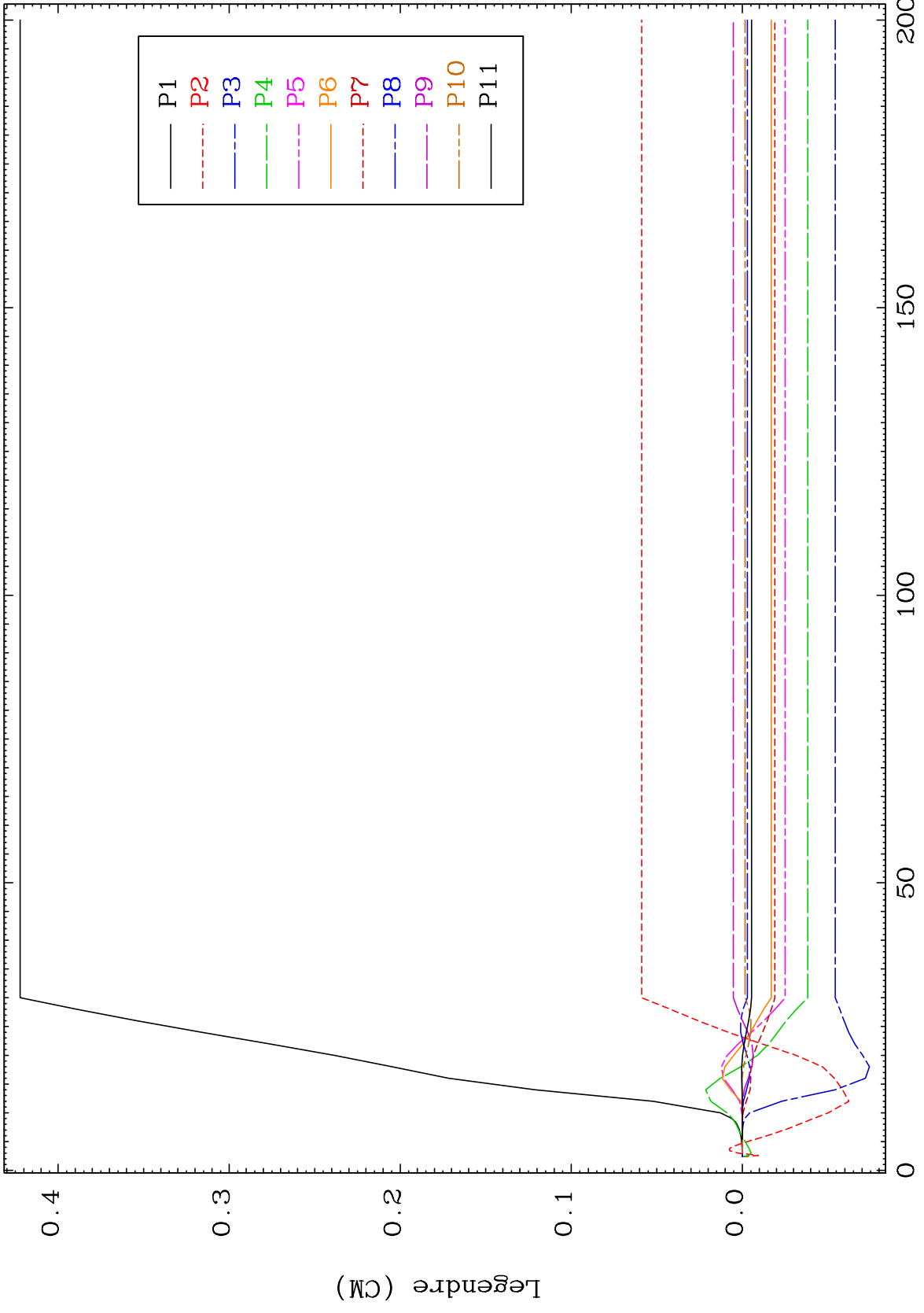


72

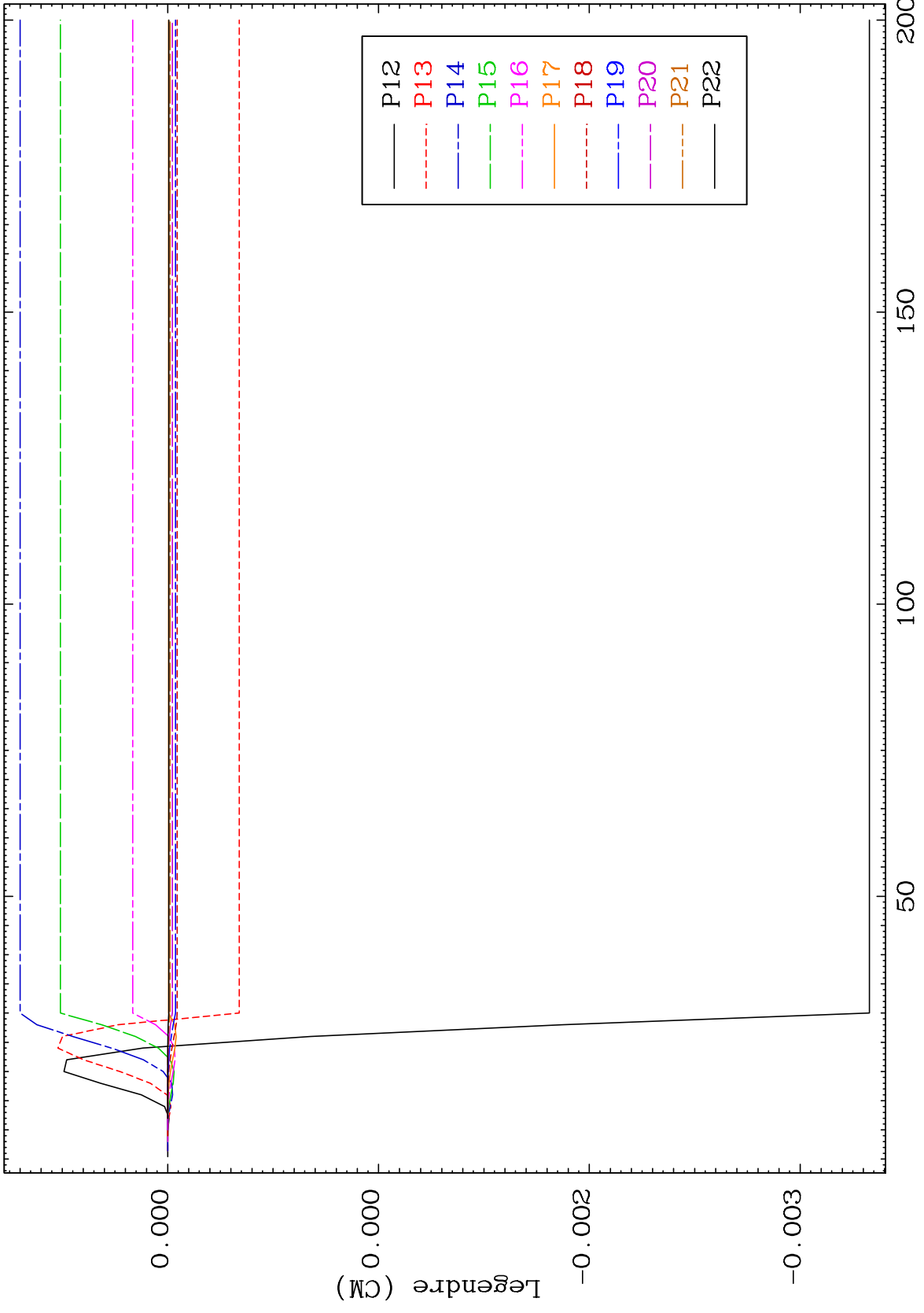
Incident Energy (MeV)

26-Fe-59

MAT 2640 MT= 69 (n,n') Level Legendre Coefficients 26-Fe-59



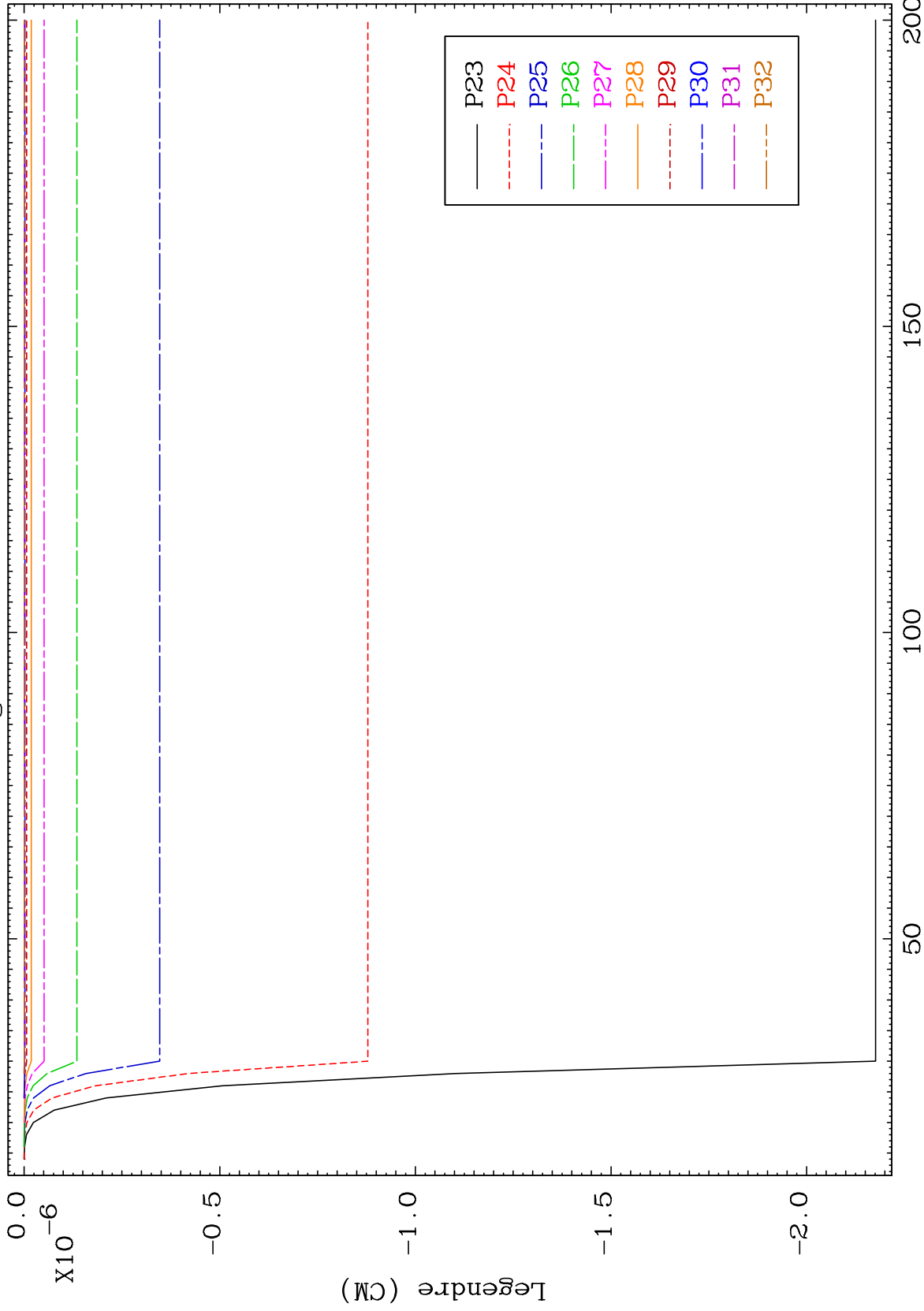
73 26-Fe-59



MAT 2640

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

26-Fe-59

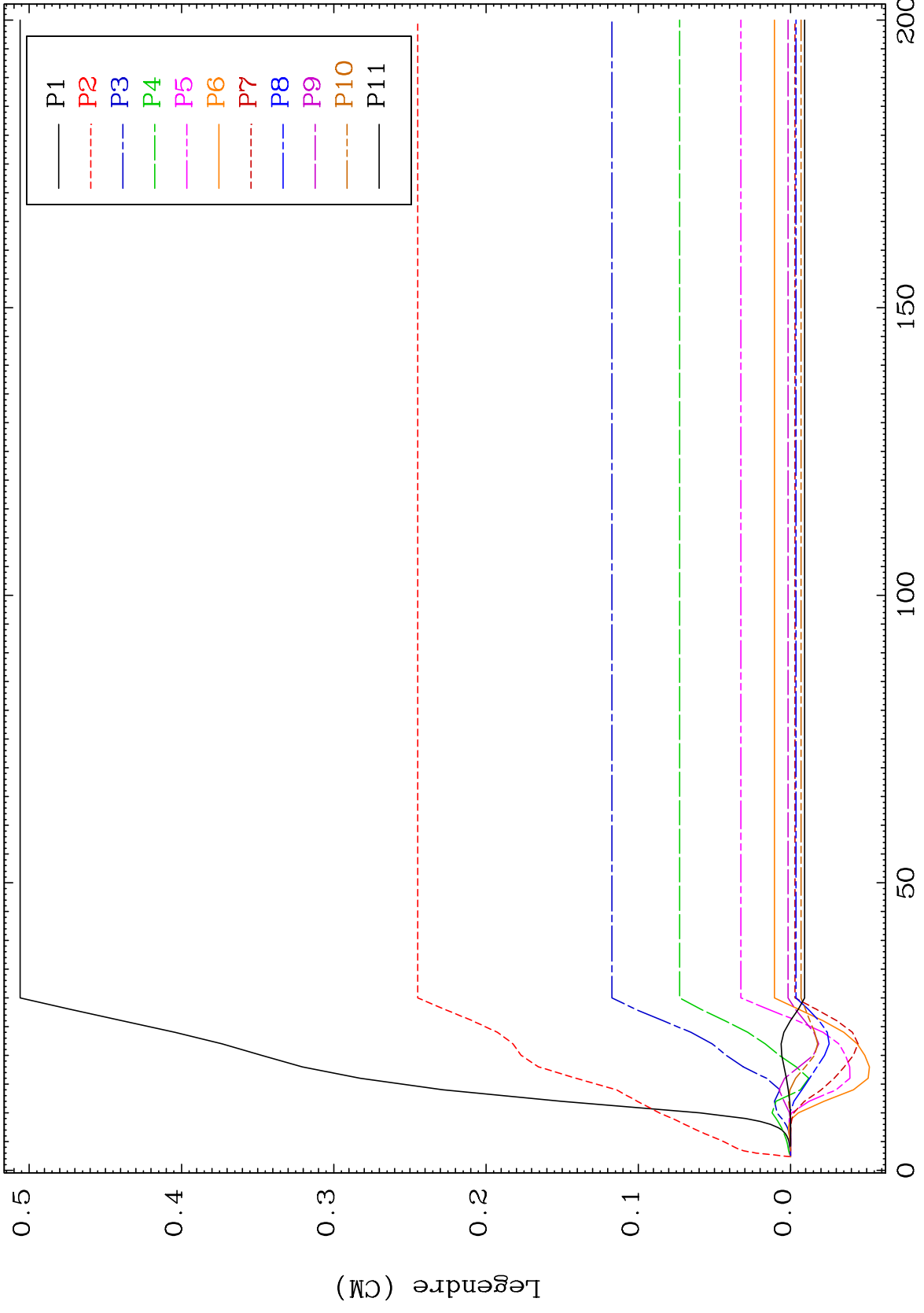


75

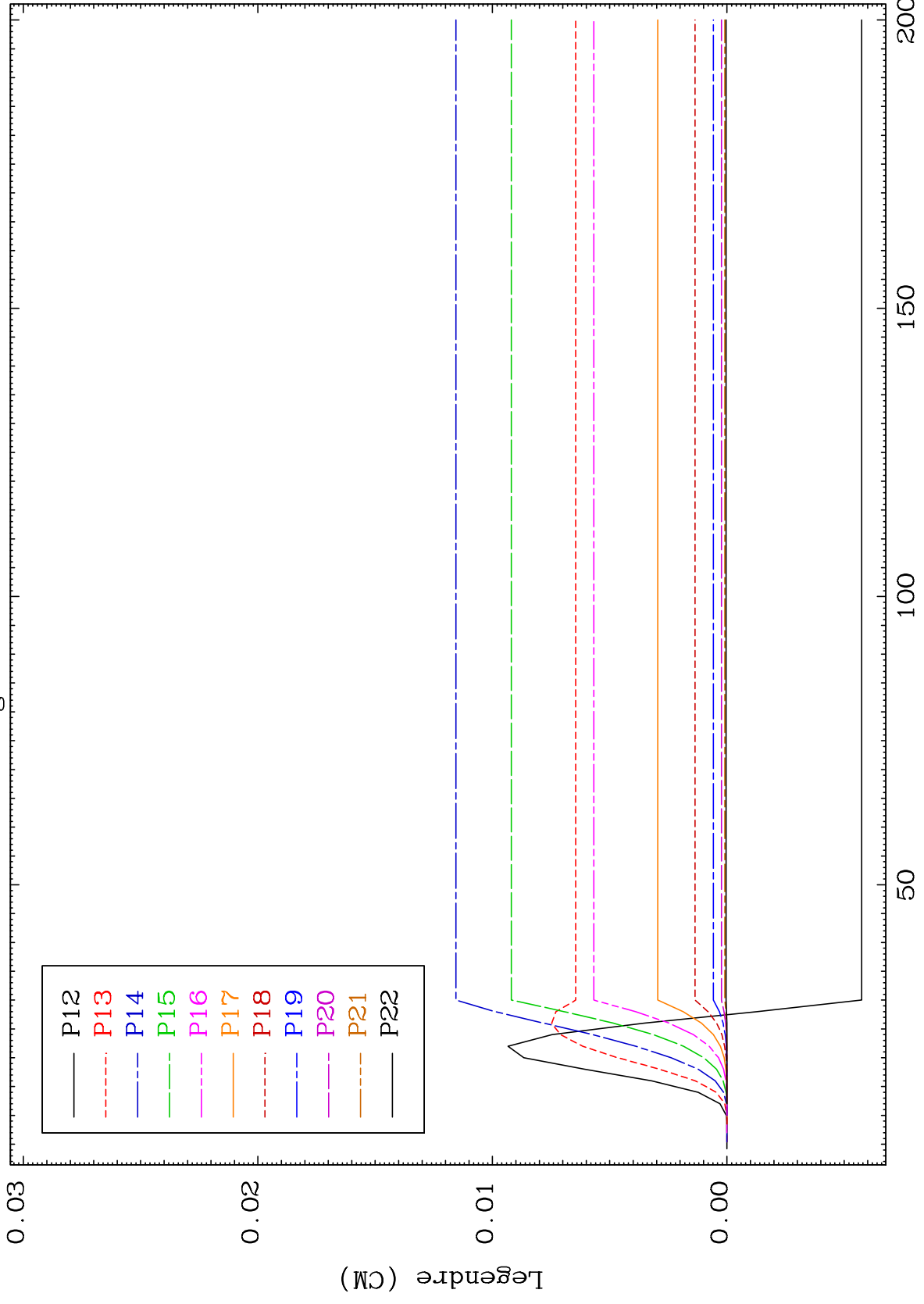
Incident Energy (MeV)

26-Fe-59

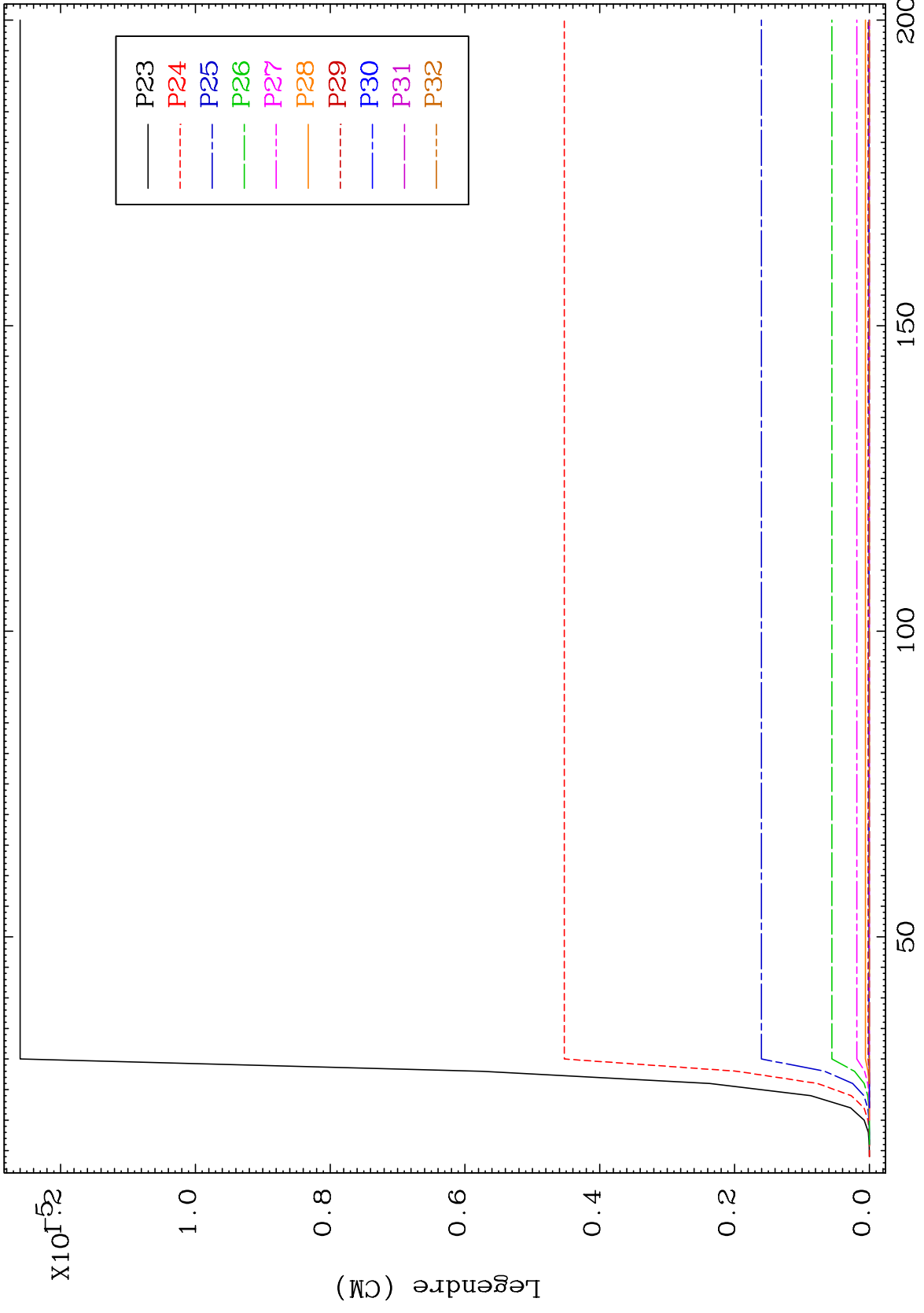
MAT 2640 MT= 70 (n,n') Level Legendre Coefficients 26-Fe-59



76 26-Fe-59

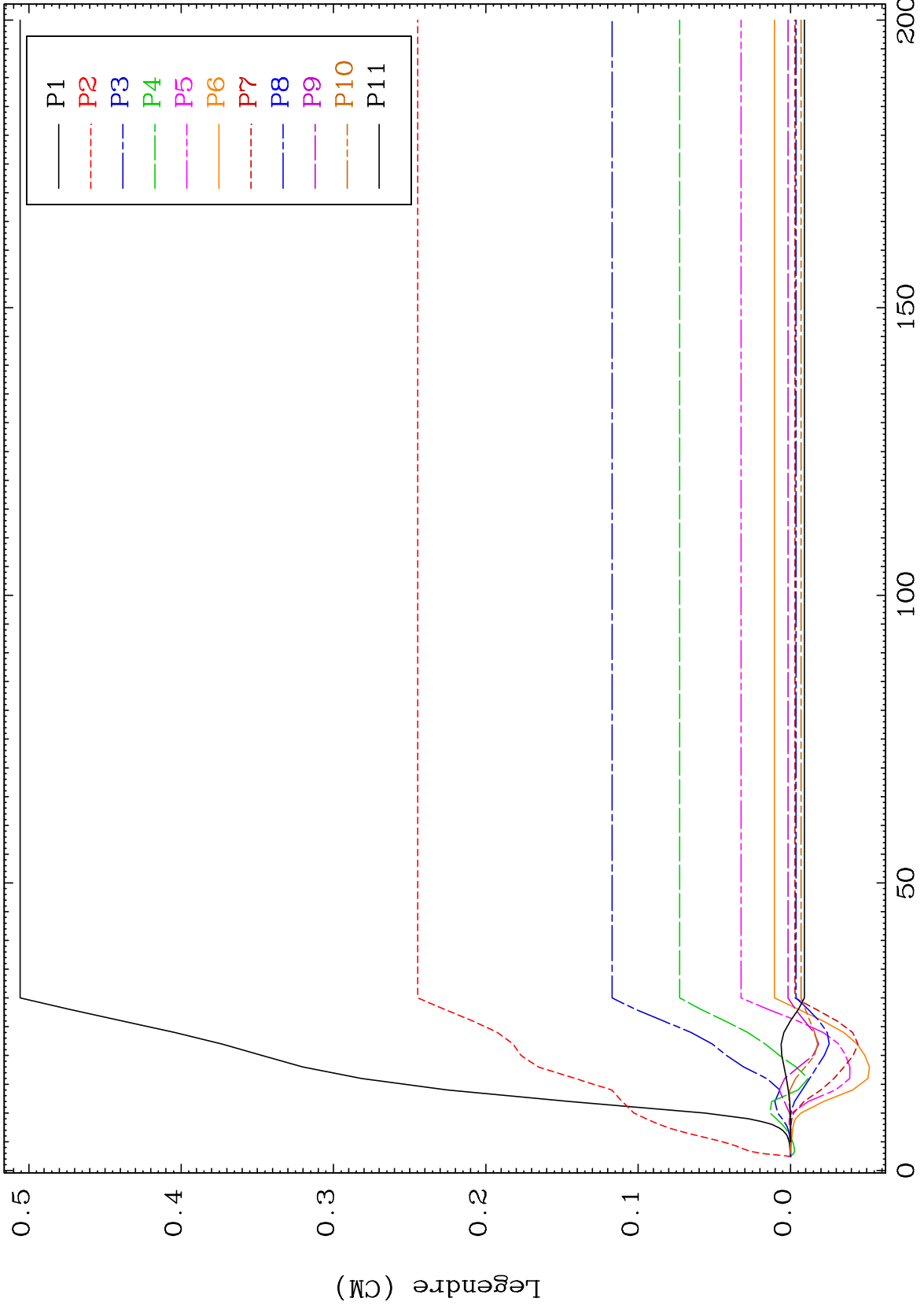


MAT 2640 MT= 70 (n,n') Level Legendre Coefficients 26-Fe-59



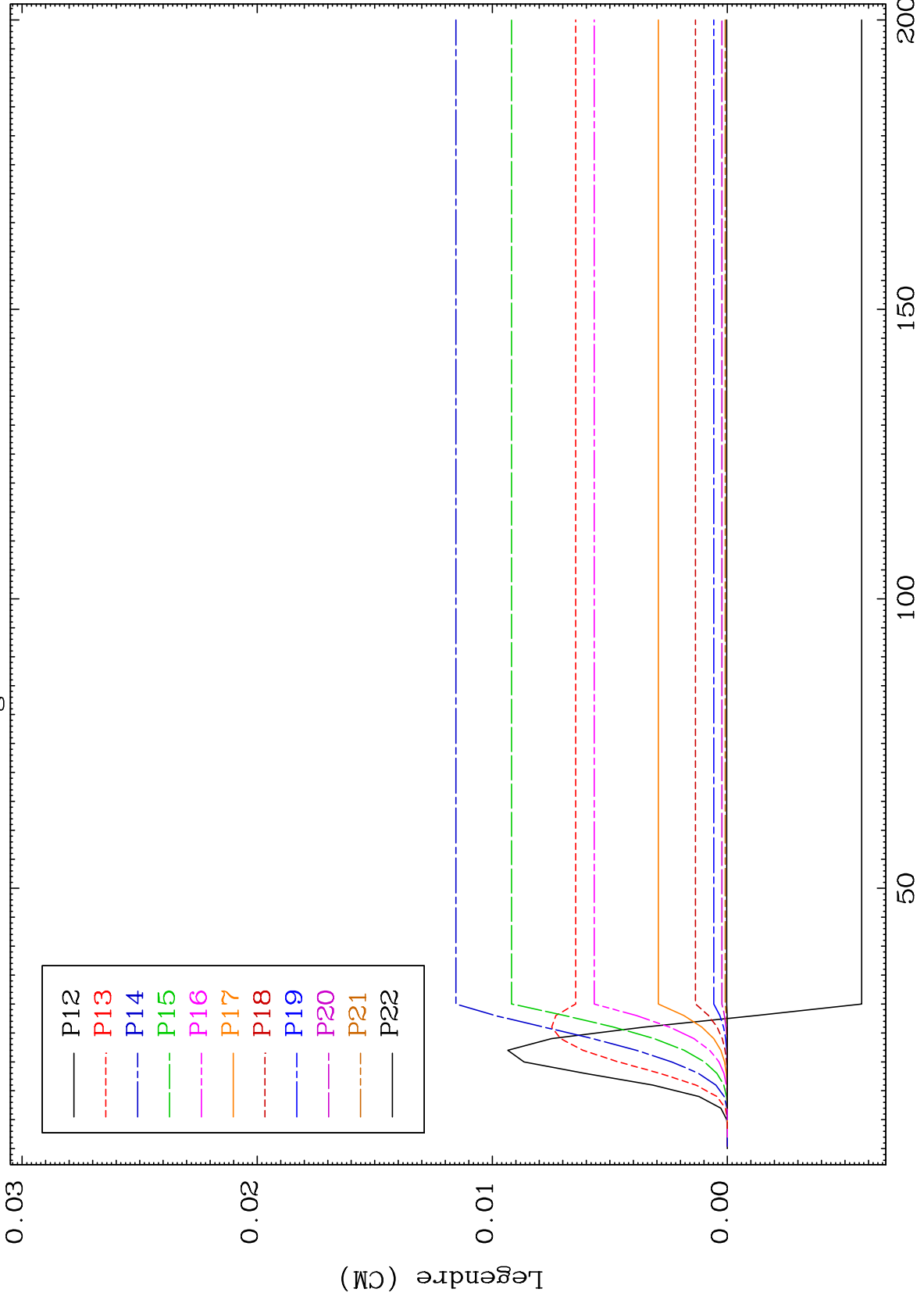
78 26-Fe-59

MAT 2640 MT= 71 (n,n') Level Legendre Coefficients 26-Fe-59



79 Incident Energy (MeV) 26-Fe-59

MAT 2640 MT= 71 (n,n') Level Legendre Coefficients 26-Fe-59

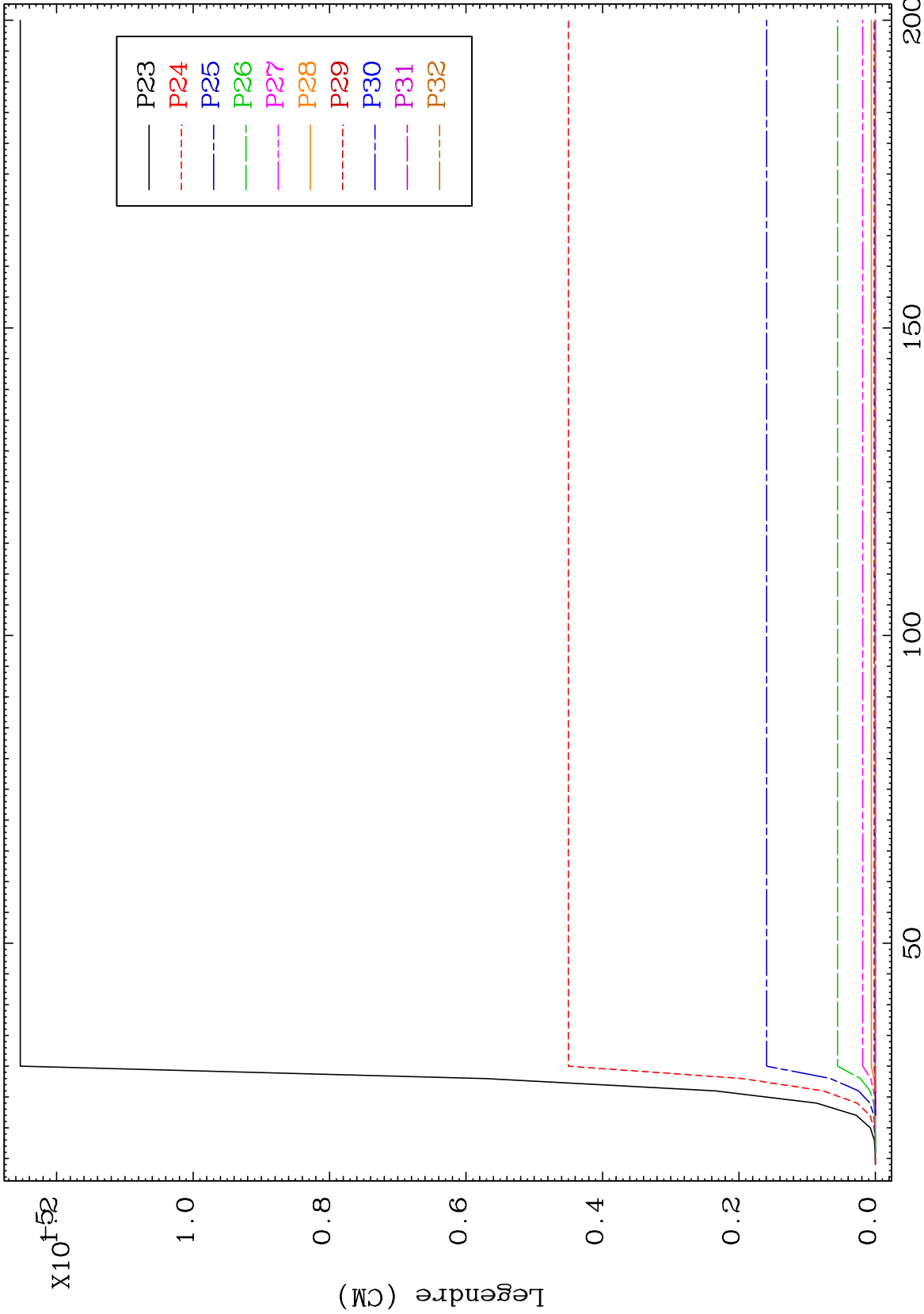


80 50 100 150 200 26-Fe-59

MAT 2640

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

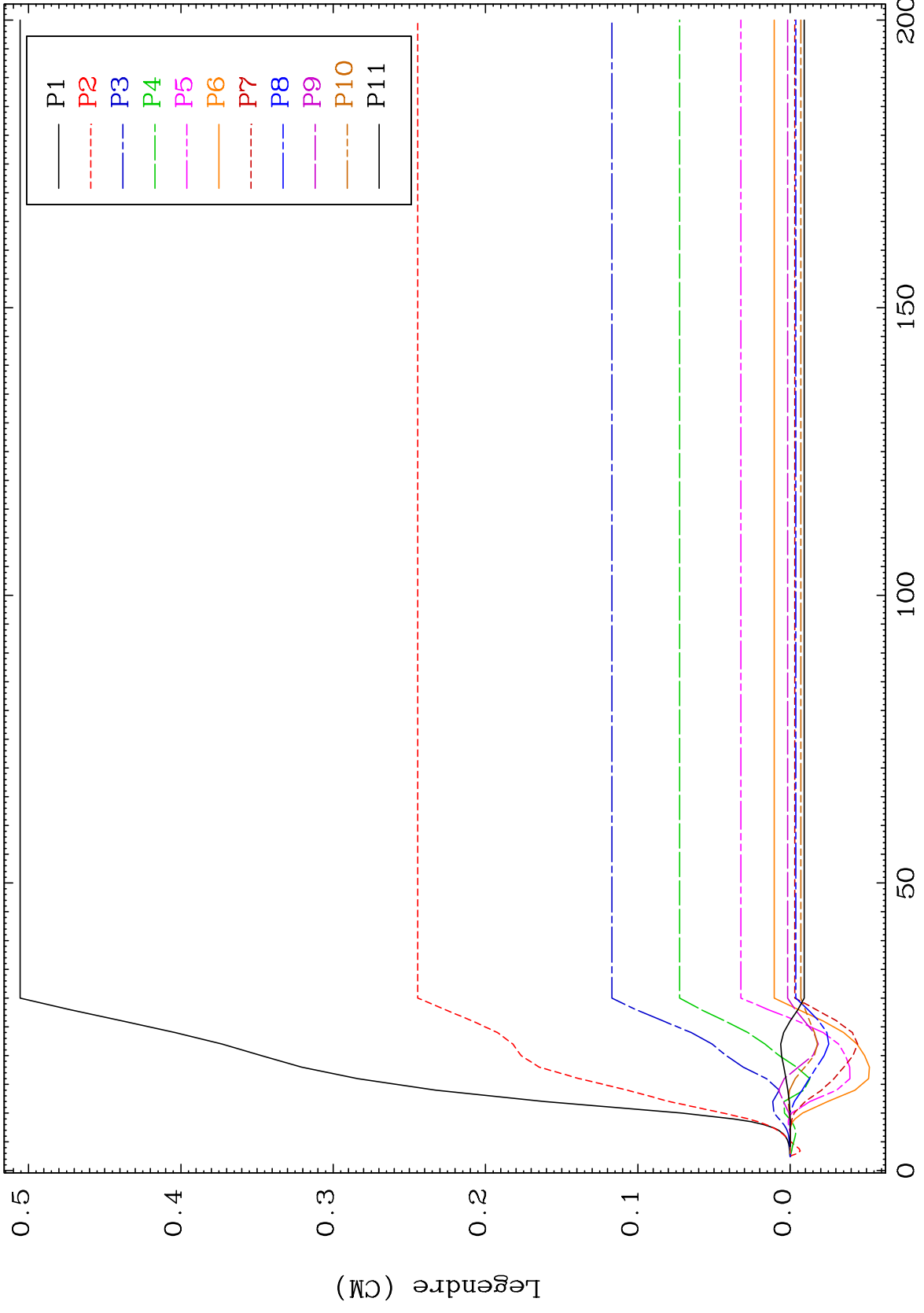
26-Fe-59



81

26-Fe-59

MAT 2640 MT= 72 (n,n') Level Legendre Coefficients 26-Fe-59

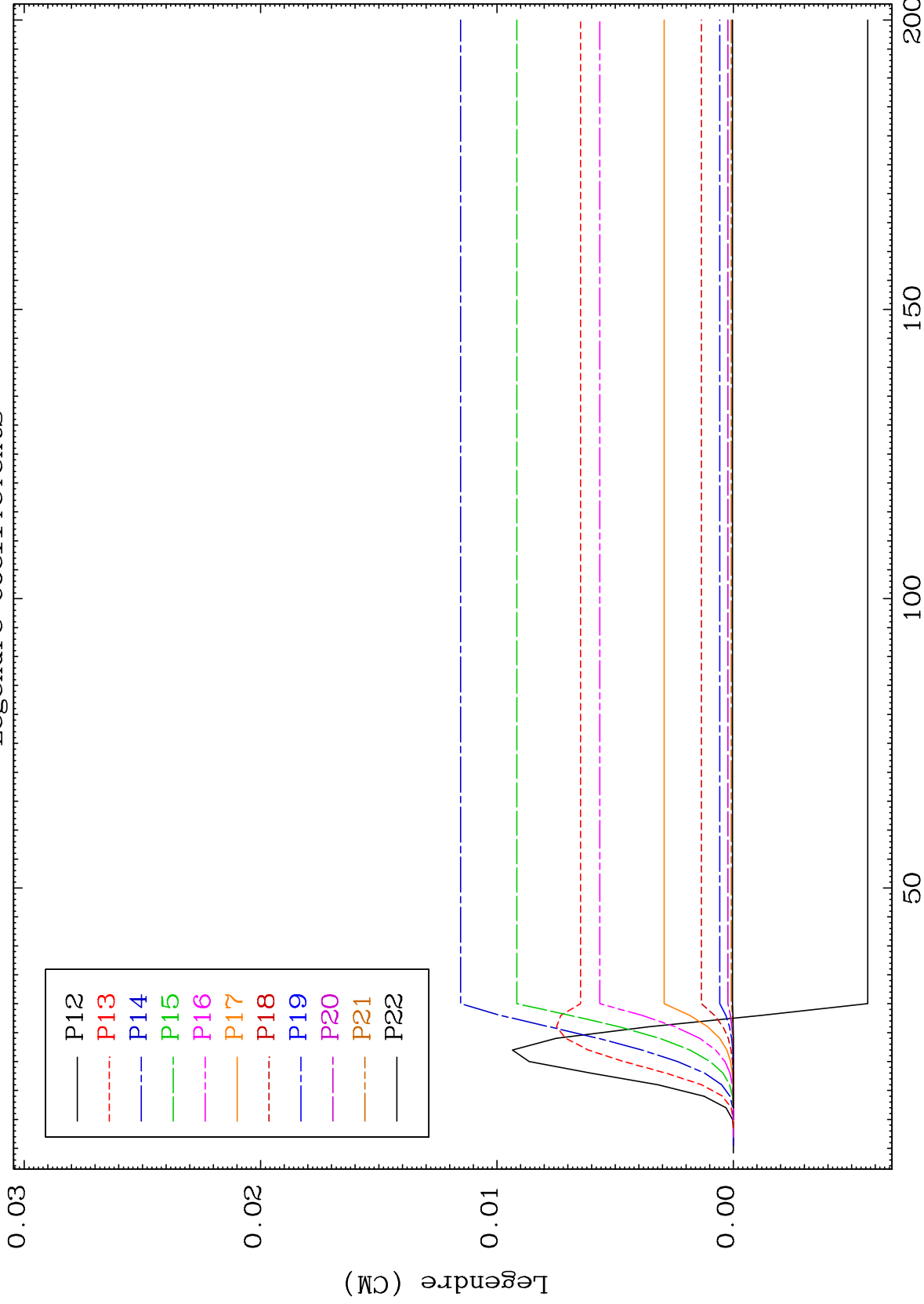


82 26-Fe-59

MAT 2640

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

26-Fe-59



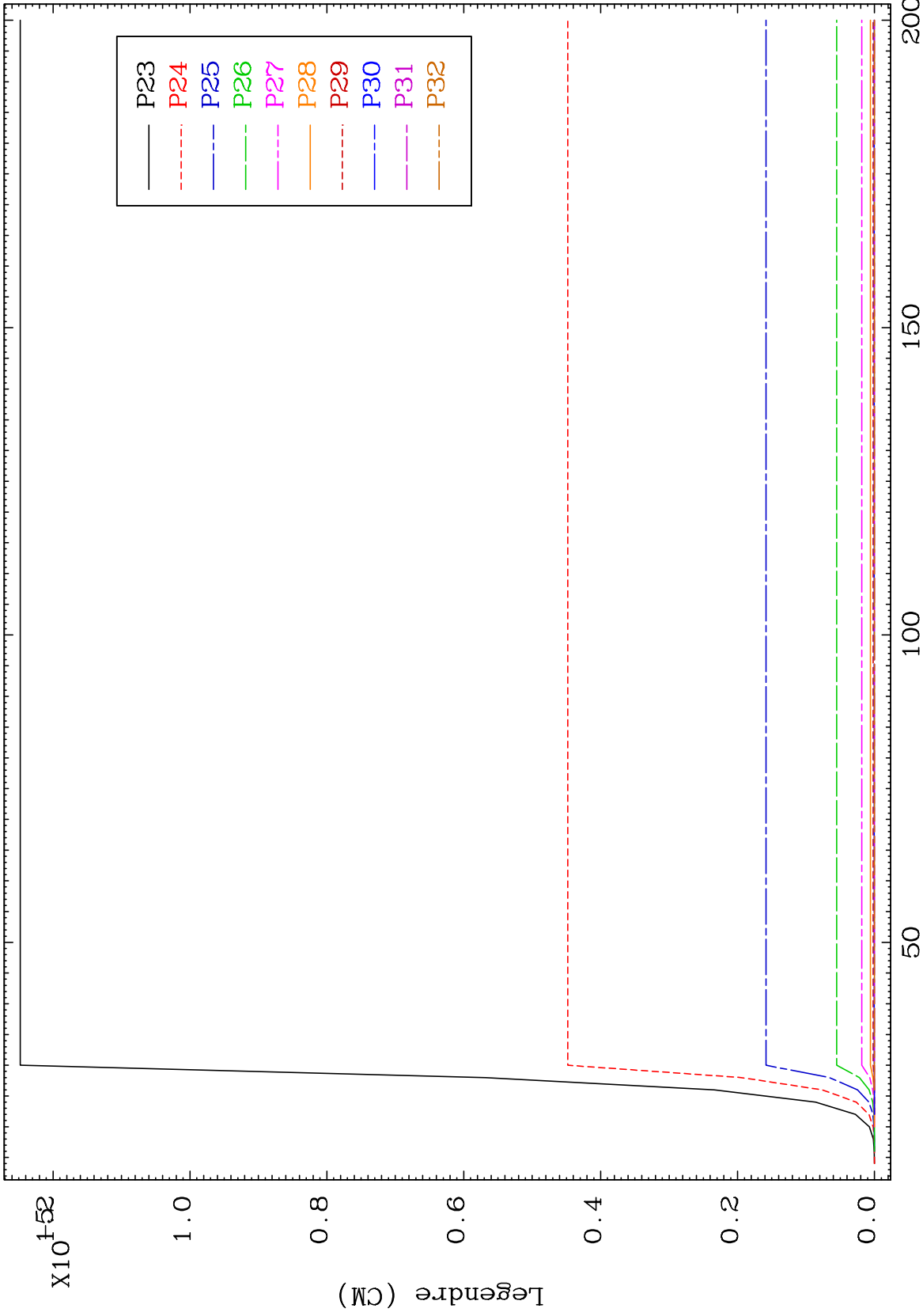
83

26-Fe-59

MAT 2640

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

26-Fe-59



84

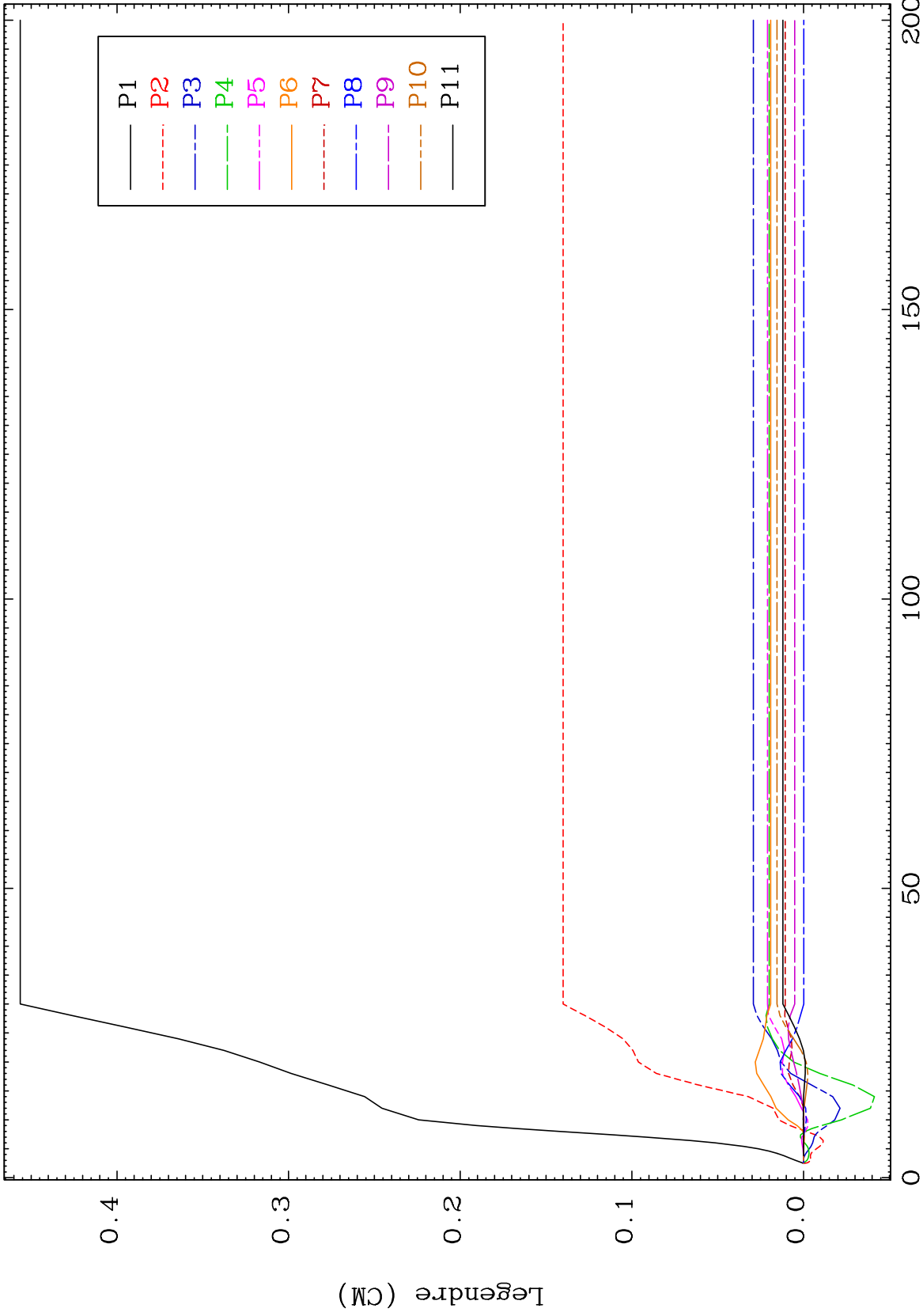
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



85

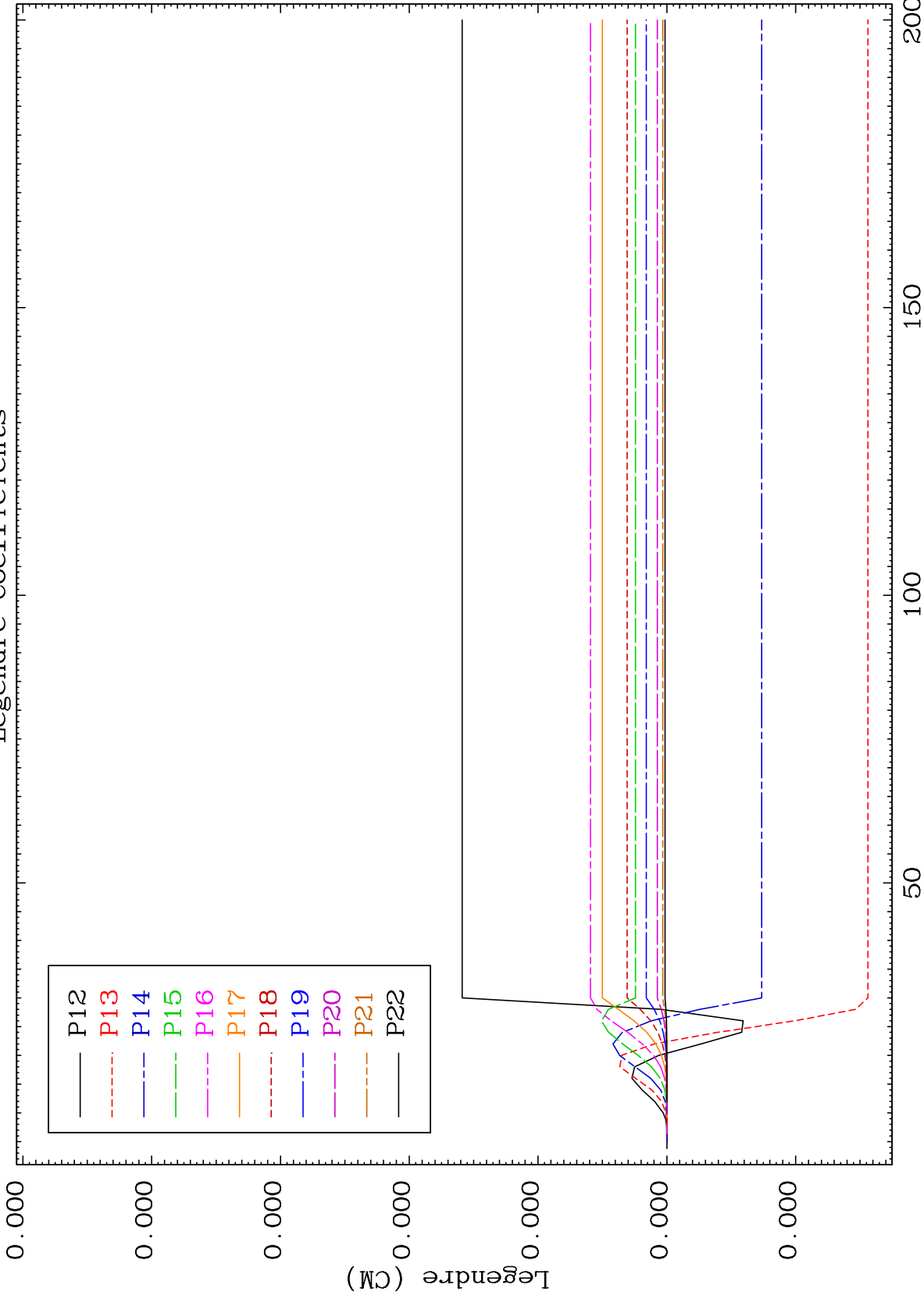
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



86

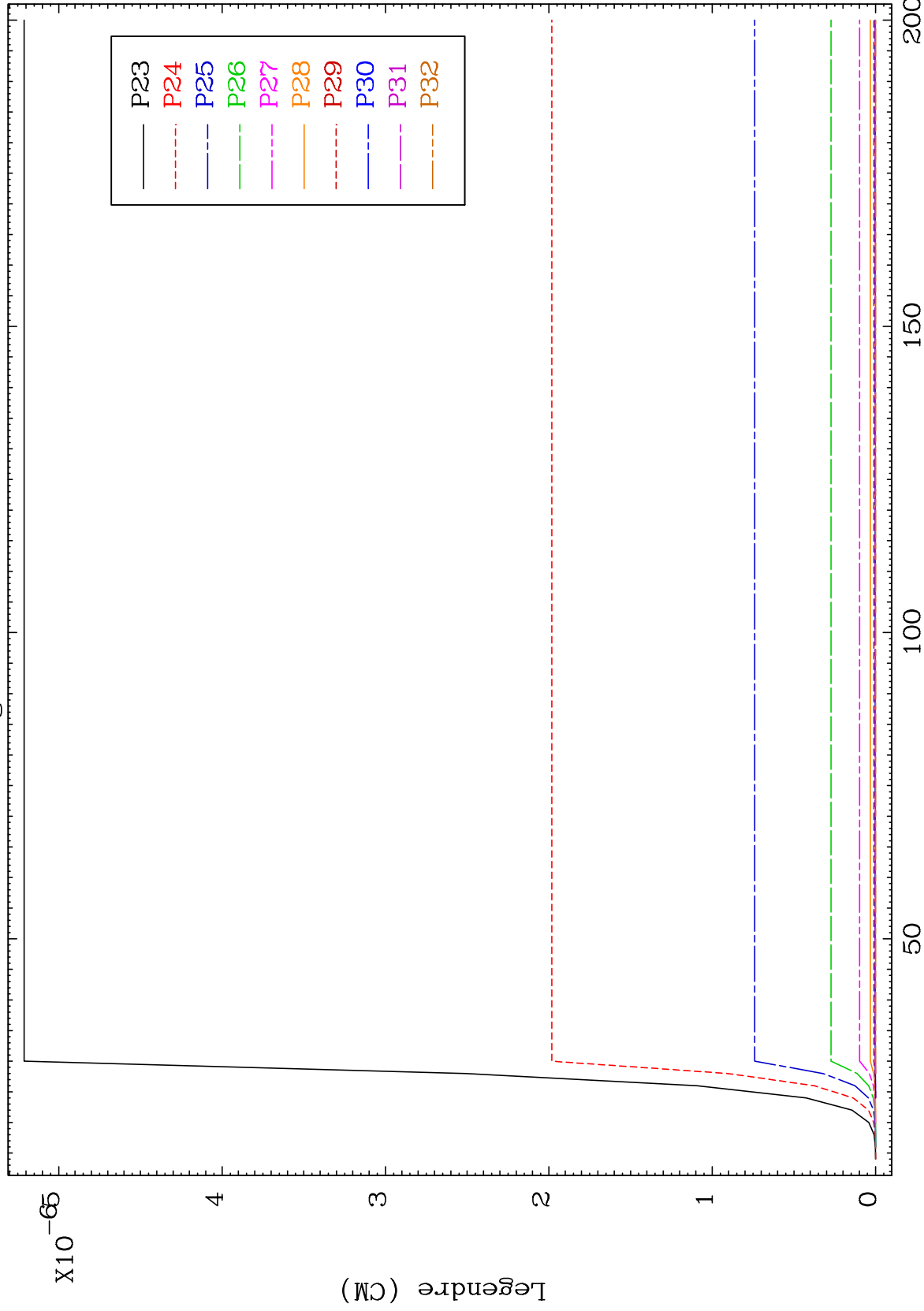
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59

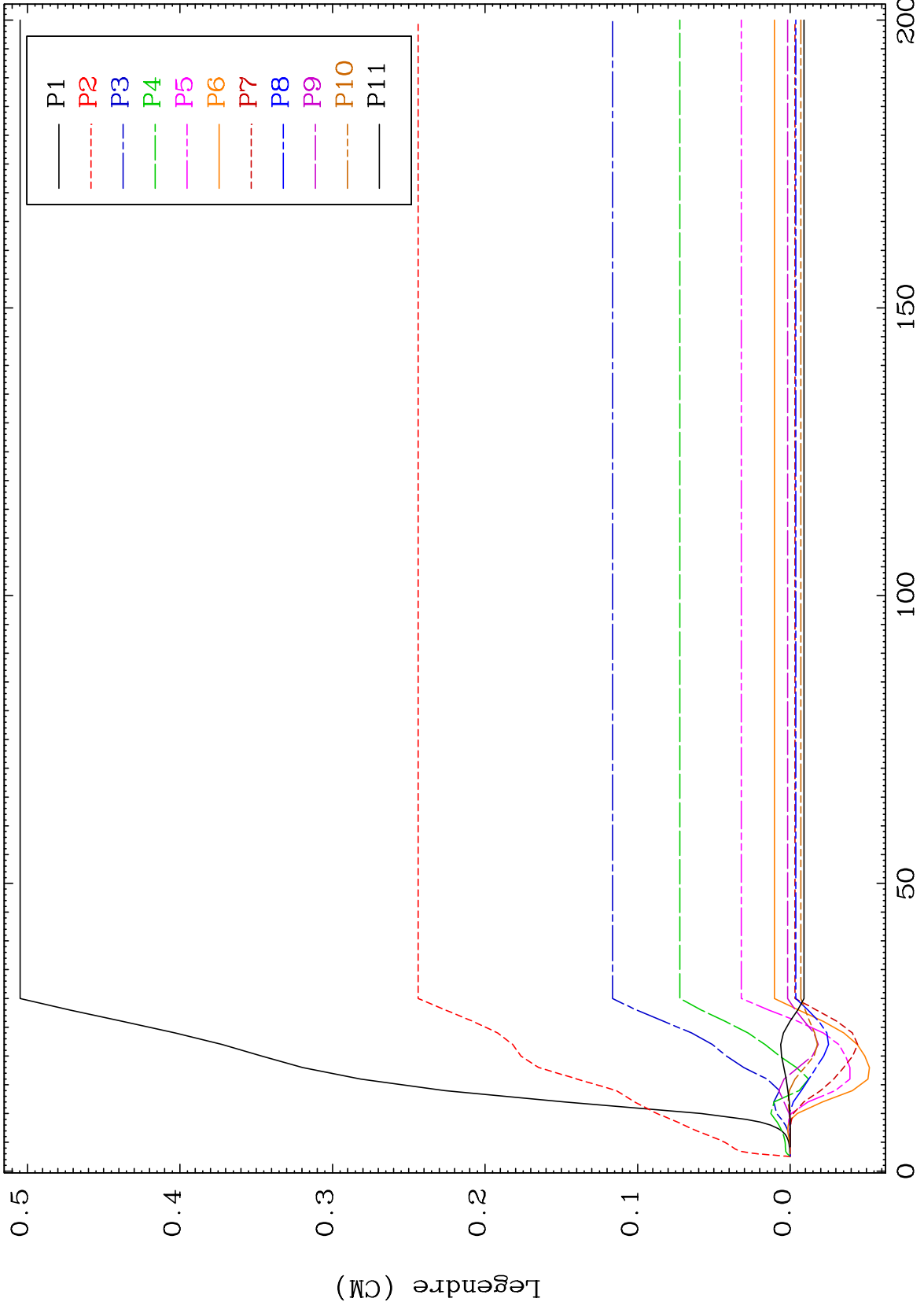


87

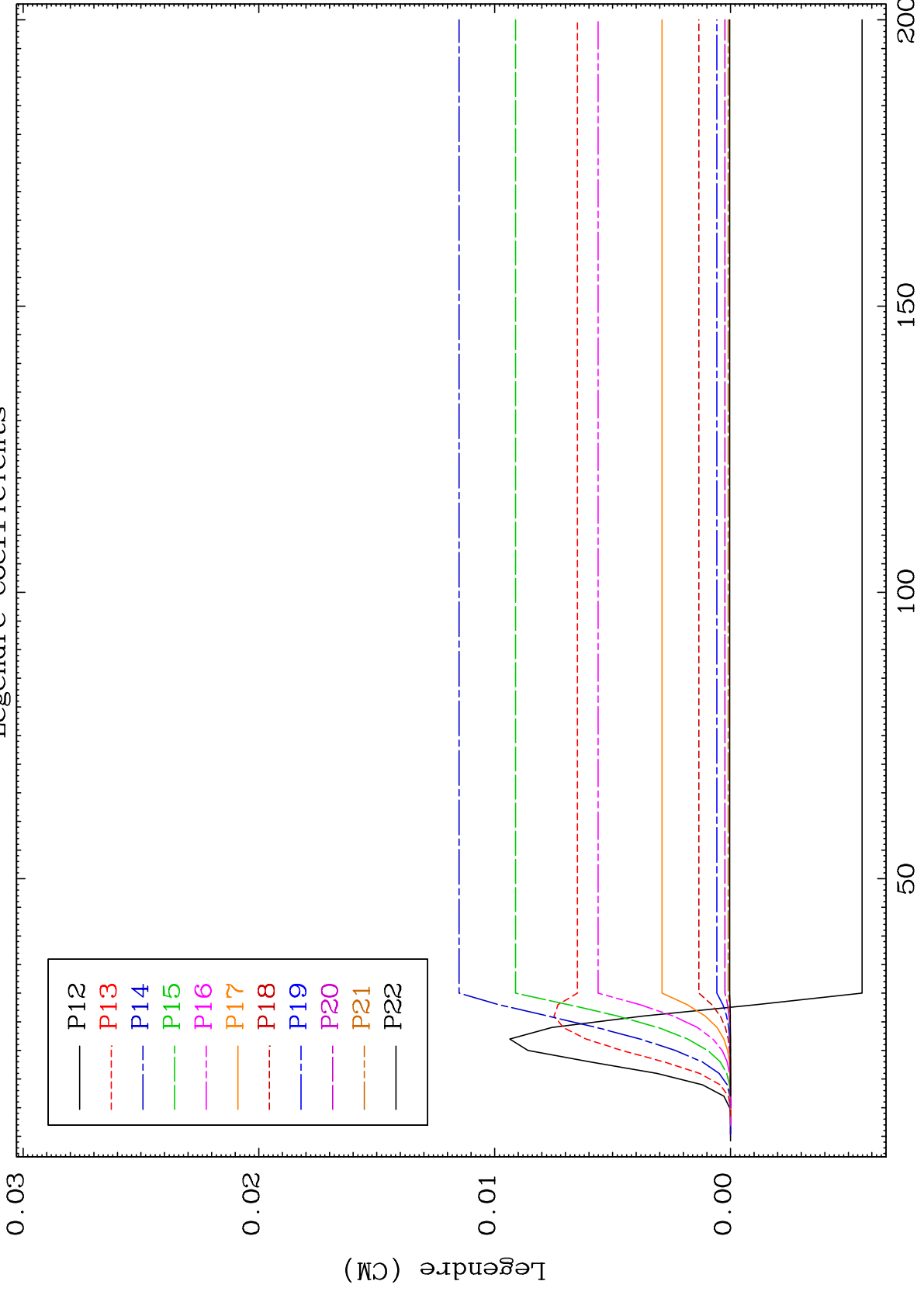
Incident Energy (MeV)

26-Fe-59

MAT 2640 MT= 74 (n,n') Level Legendre Coefficients 26-Fe-59



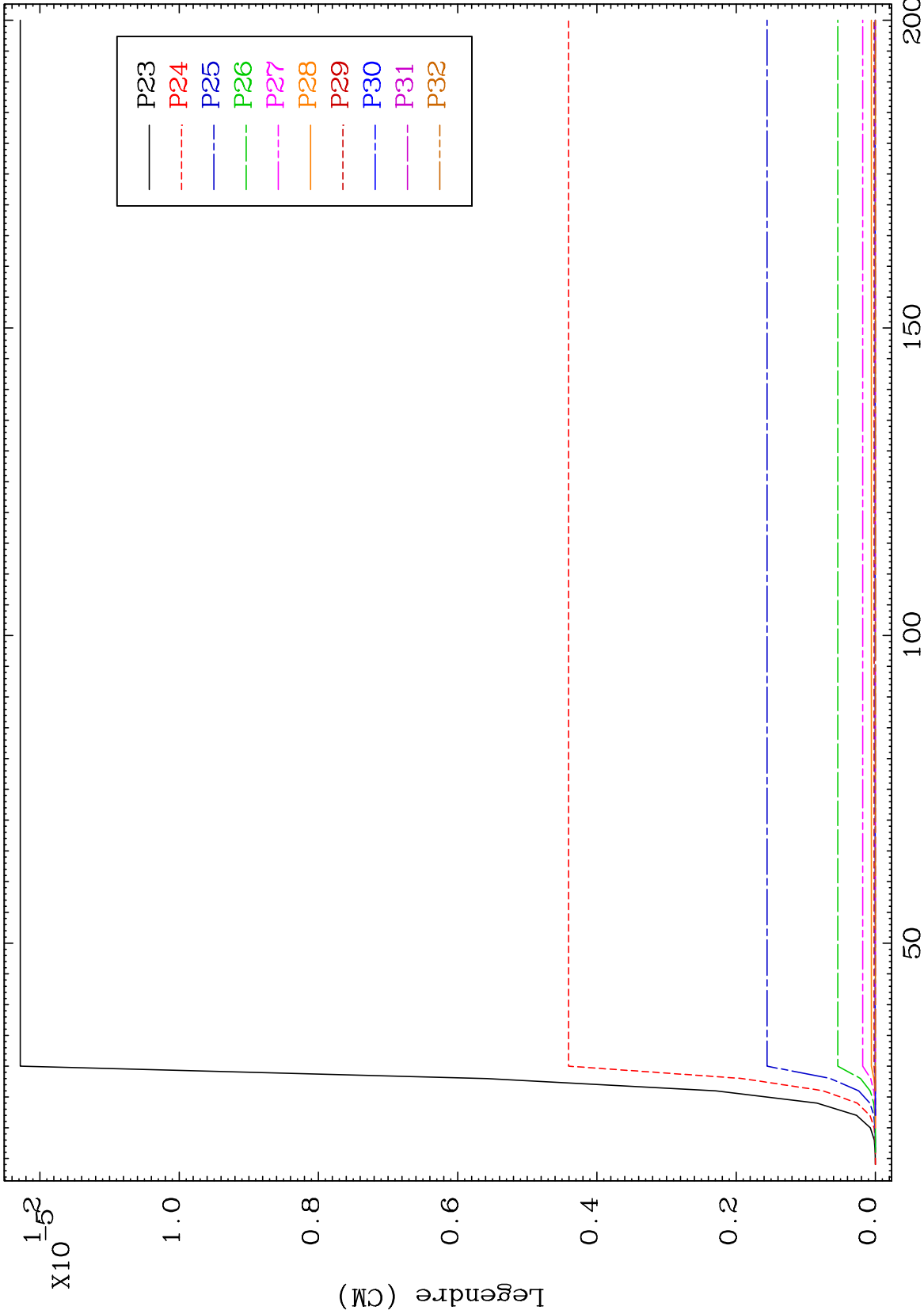
88 26-Fe-59



MAT 2640

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

26-Fe-59



90

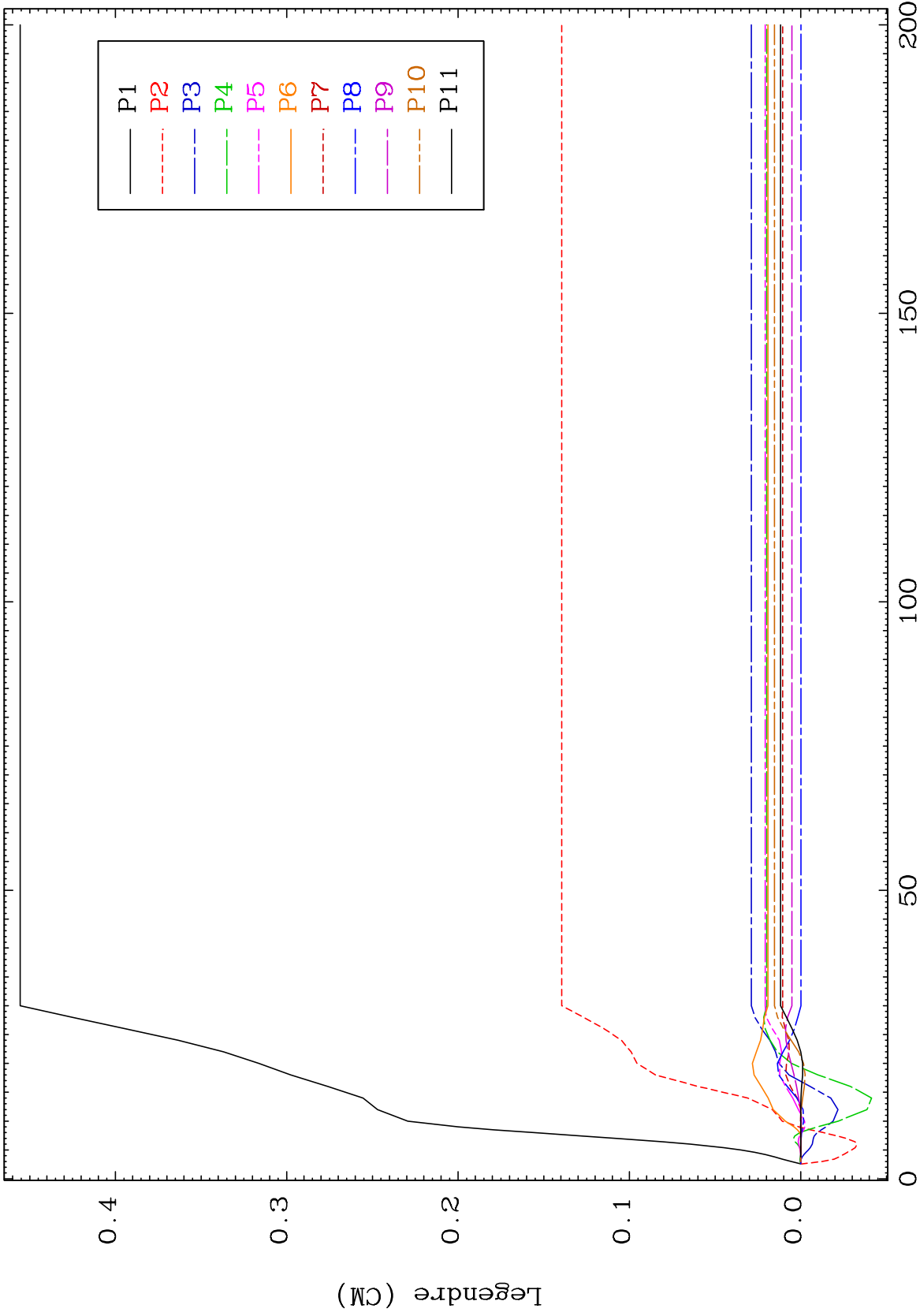
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



91

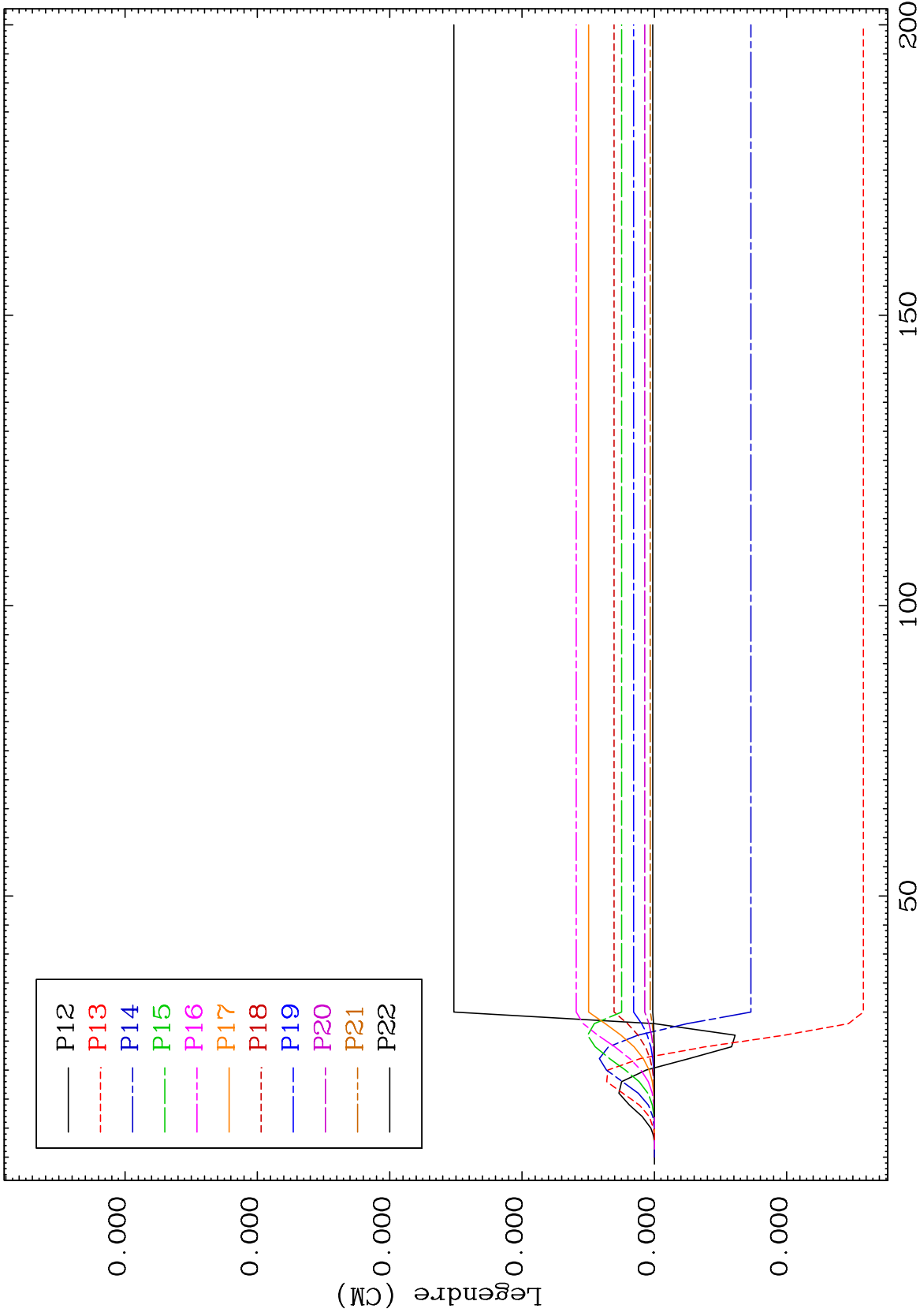
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



92

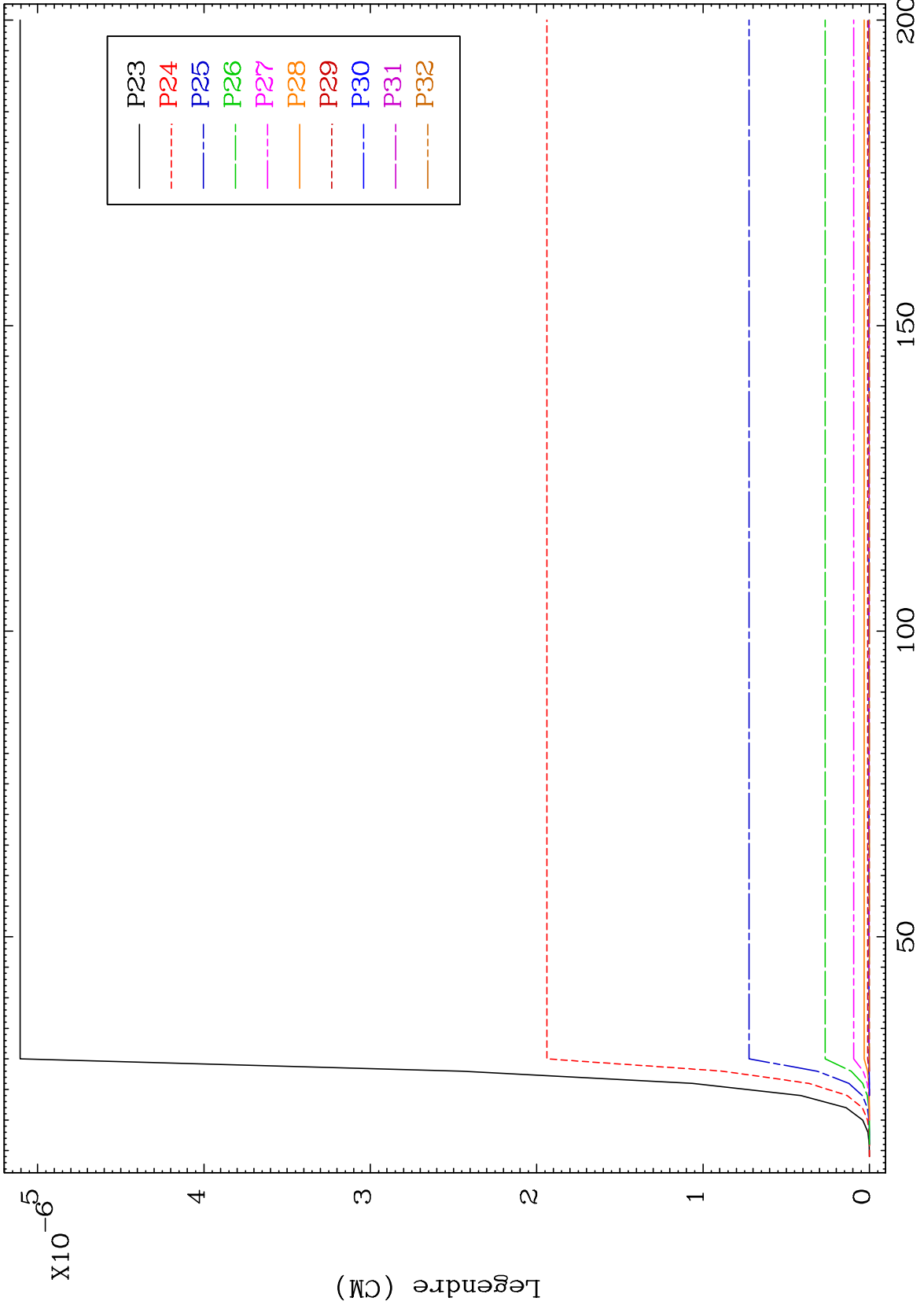
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59

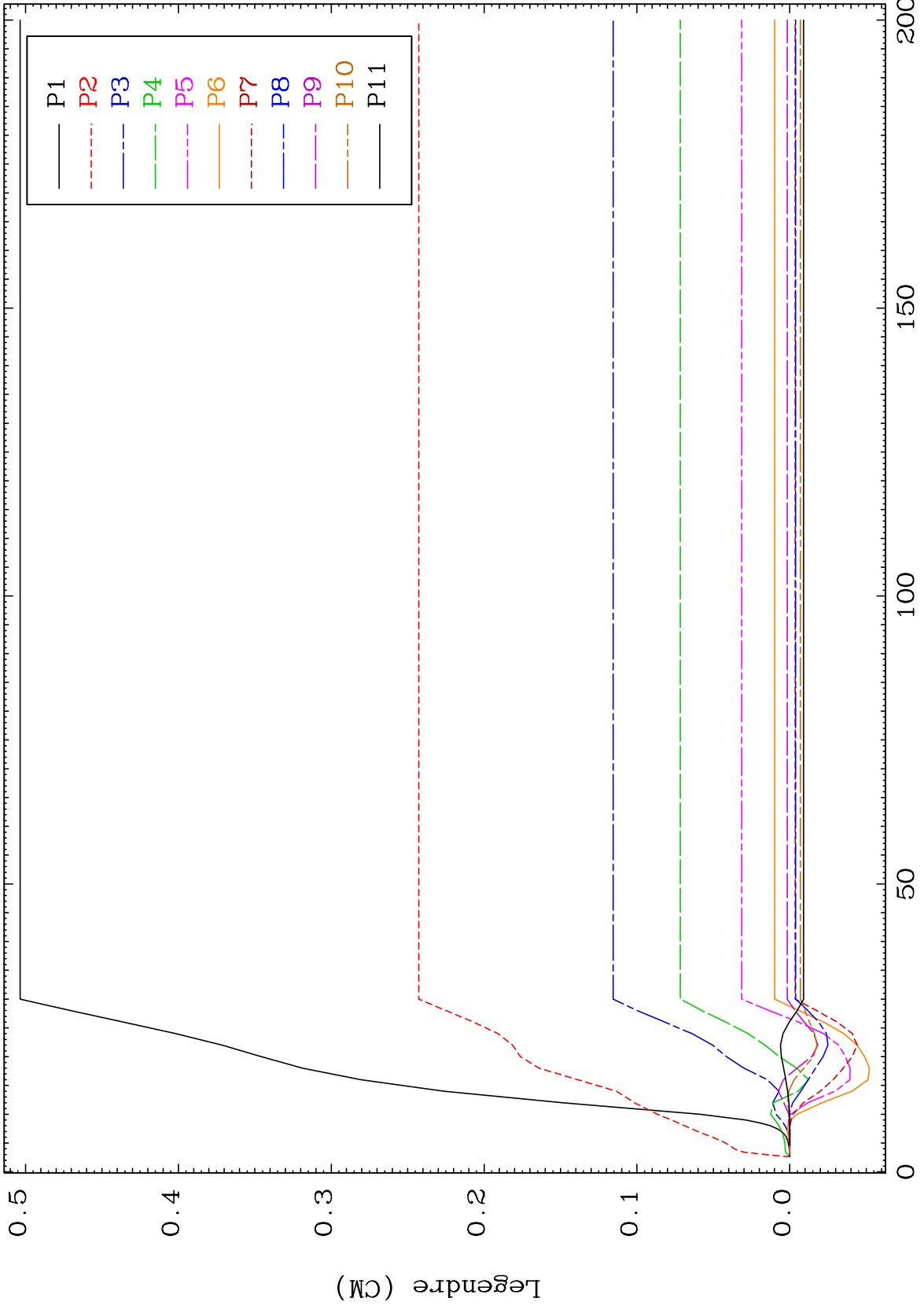


93

Incident Energy (MeV)

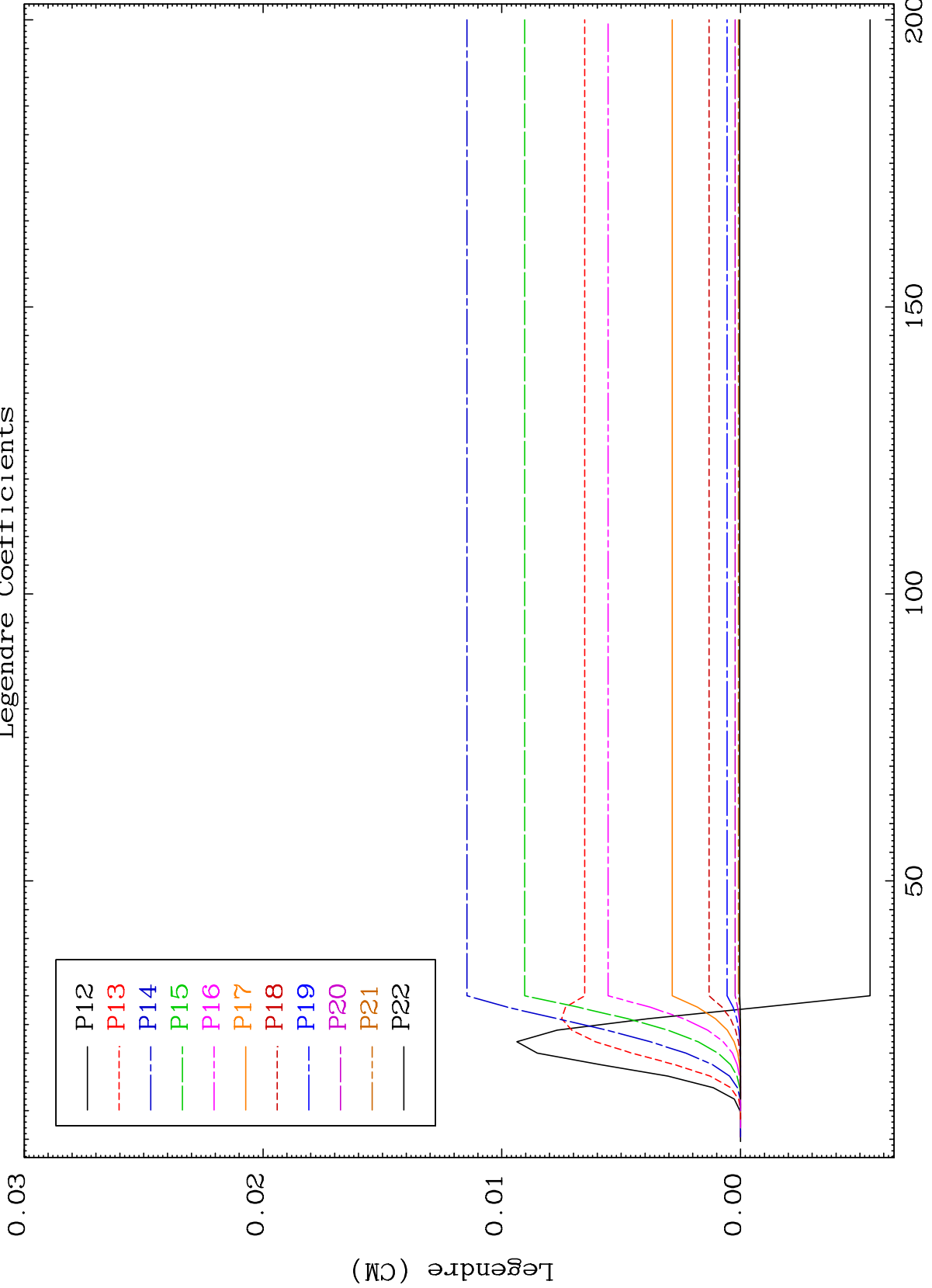
26-Fe-59

MAT 2640 MT= 76 (n,n') Level Legendre Coefficients 26-Fe-59



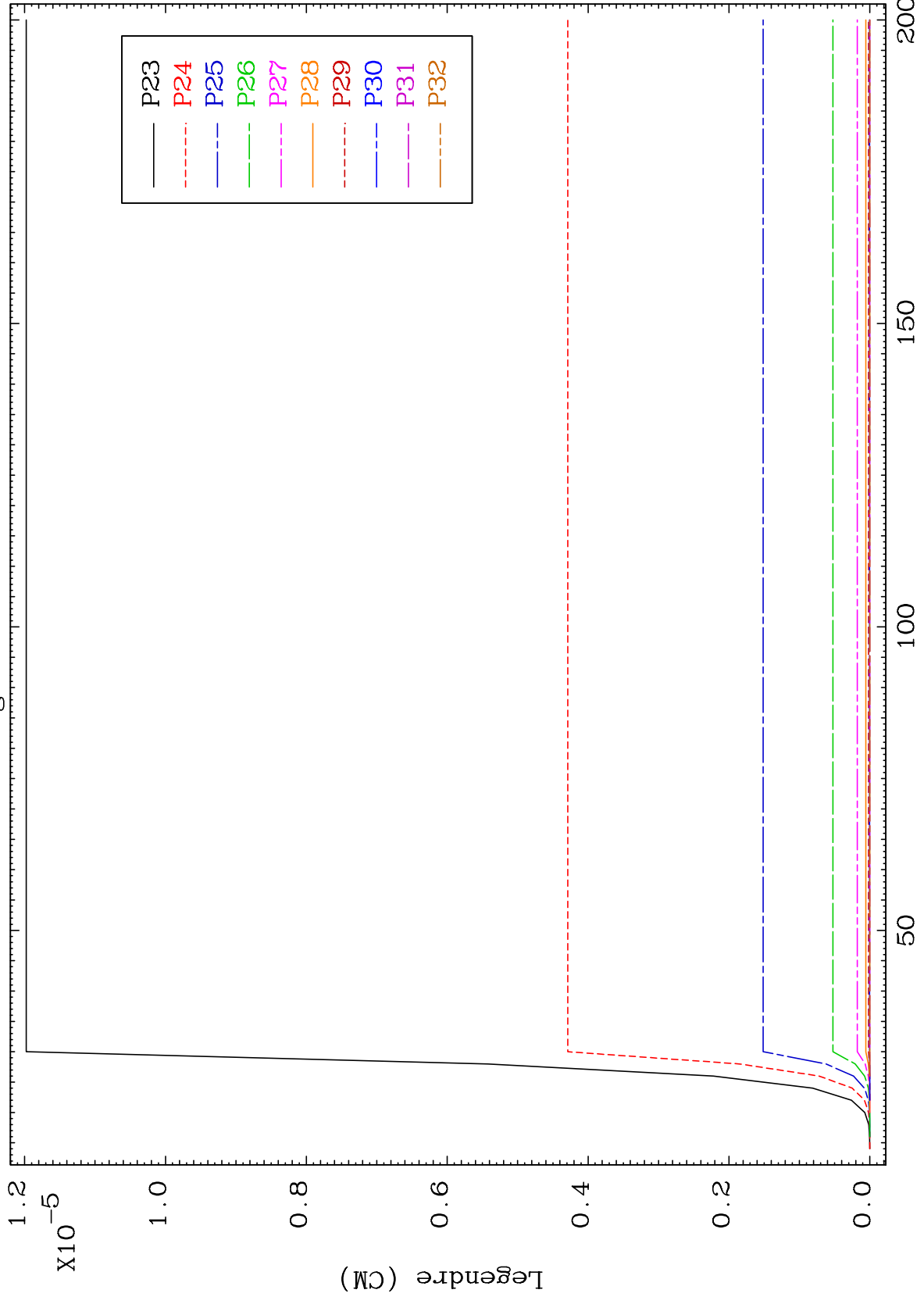
94 26-Fe-59

MAT 2640 MT= 76 (n,n') Level Legendre Coefficients 26-Fe-59



26-Fe-59

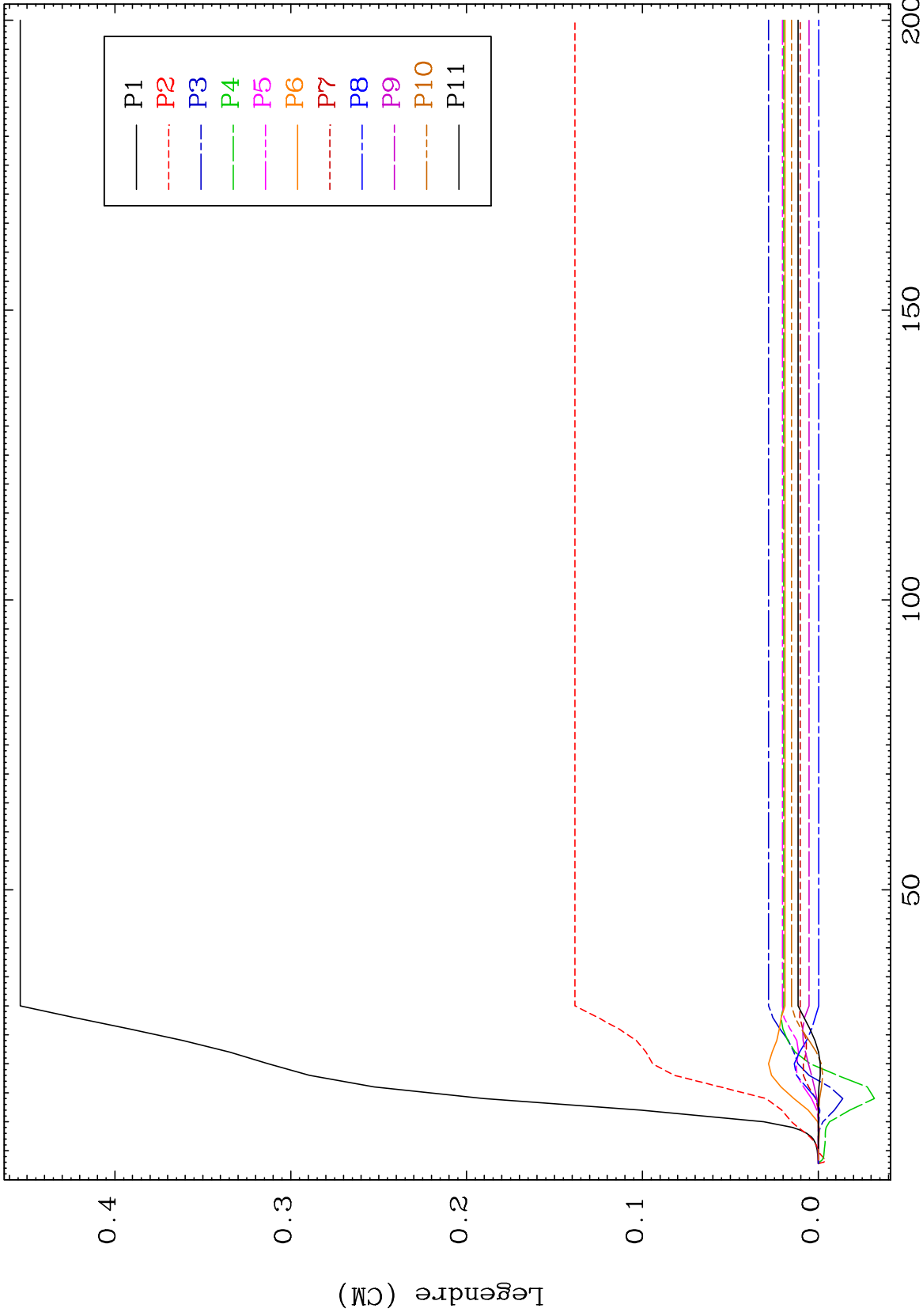
Incident Energy (MeV)



MAT 2640

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

26-Fe-59



97

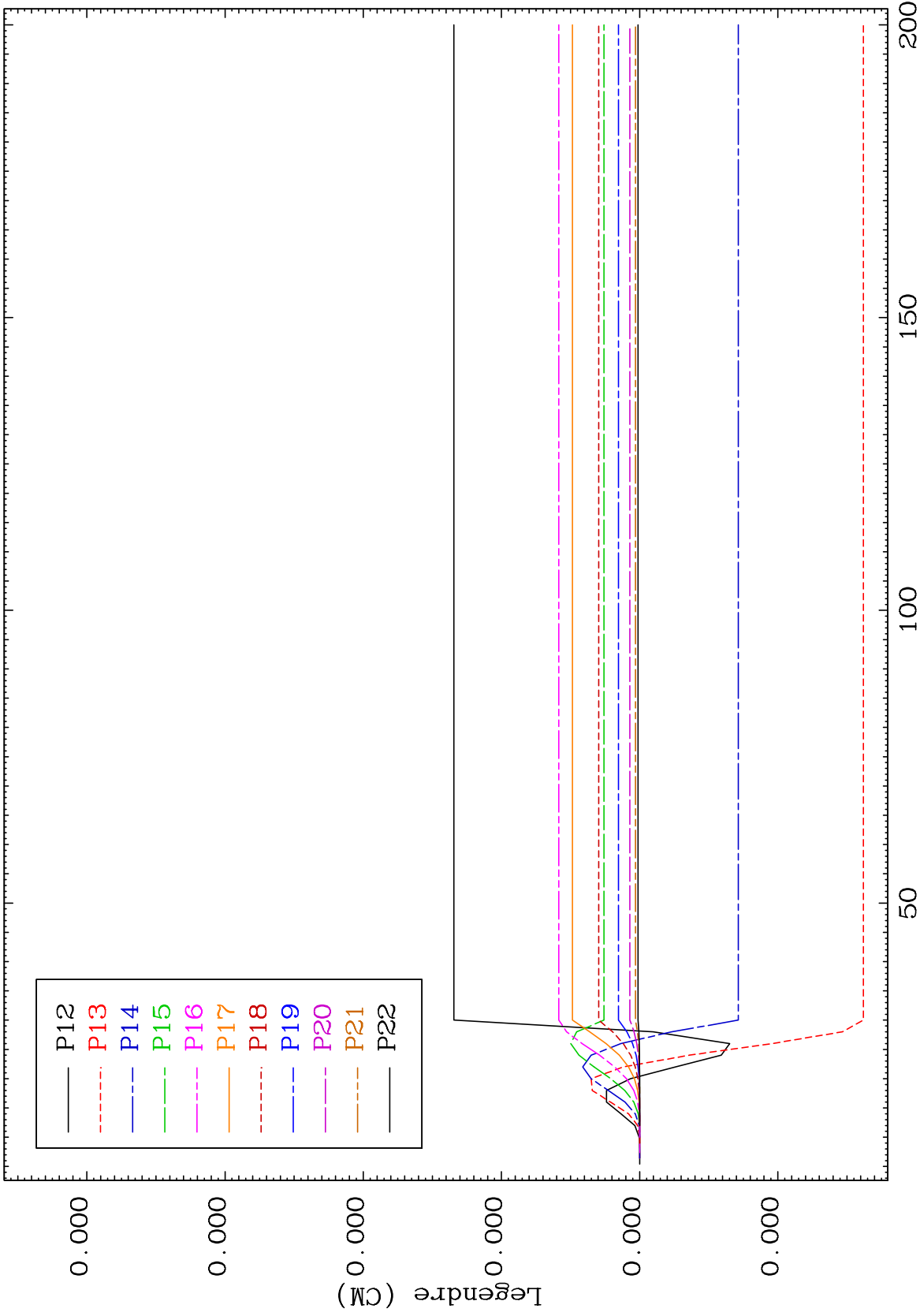
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

²⁶Fe-59



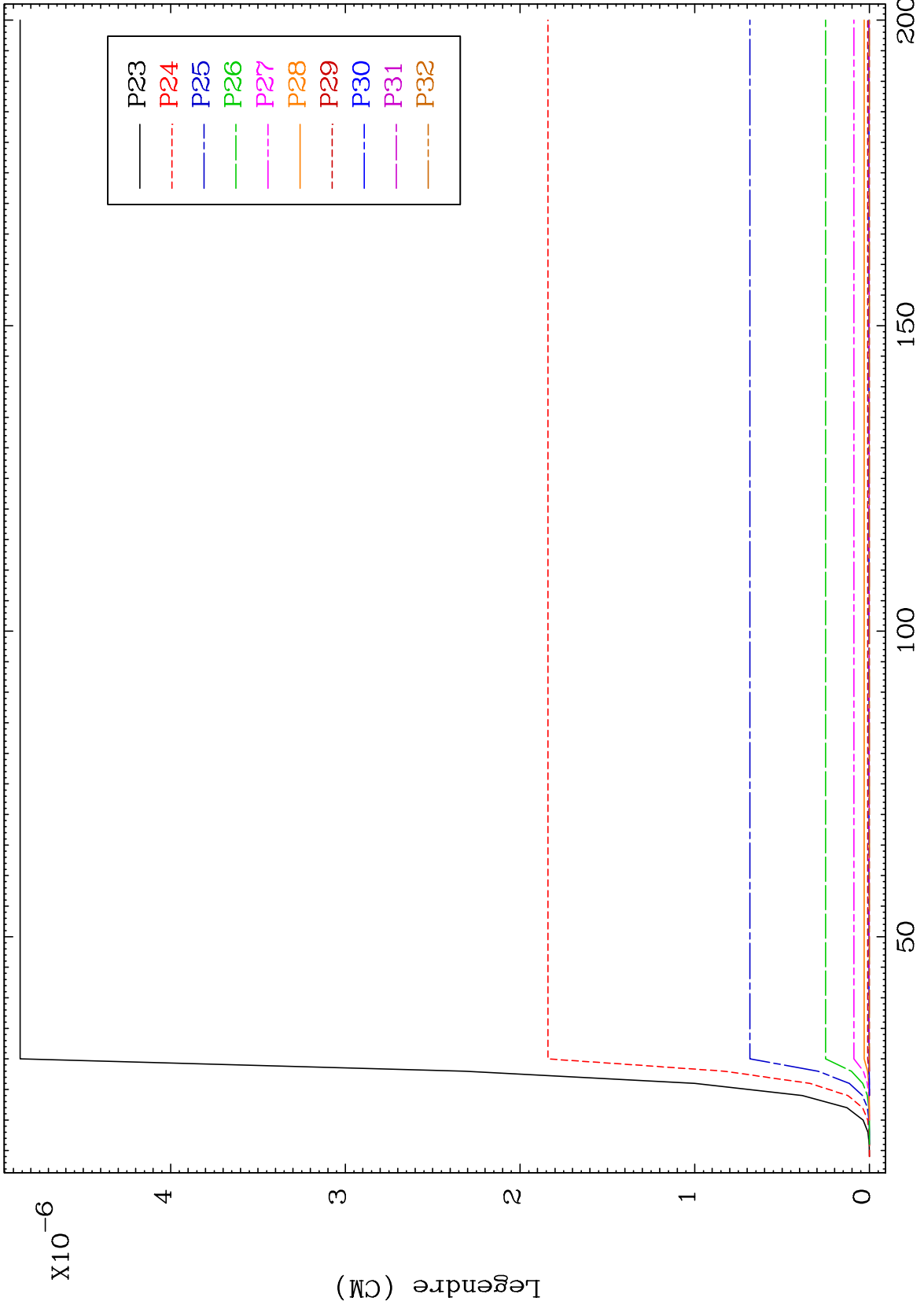
98

²⁶Fe-59

MAT 2640

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

26-Fe-59



99

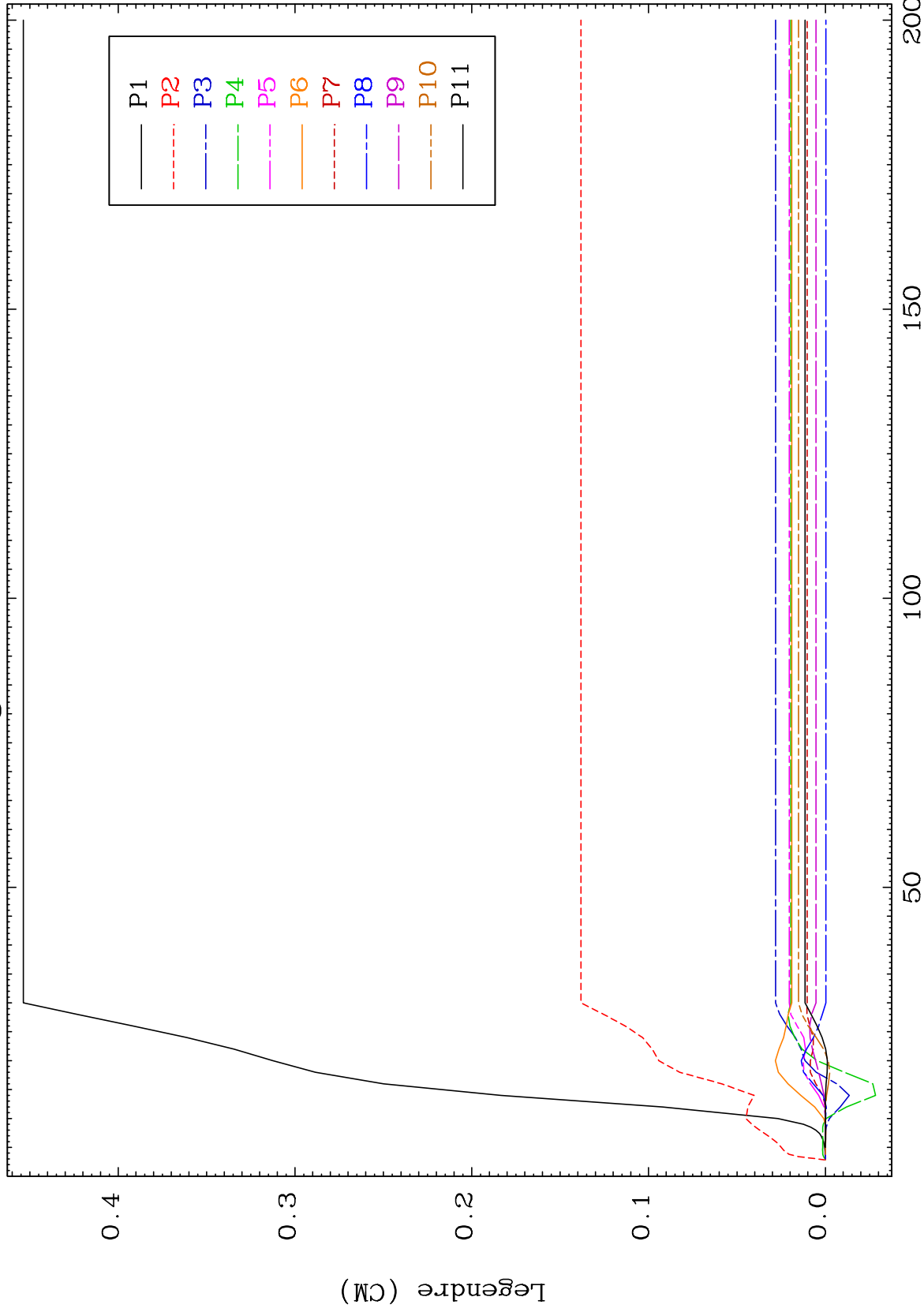
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

26-Fe-59



26-Fe-59

Incident Energy (MeV)

100

50

100

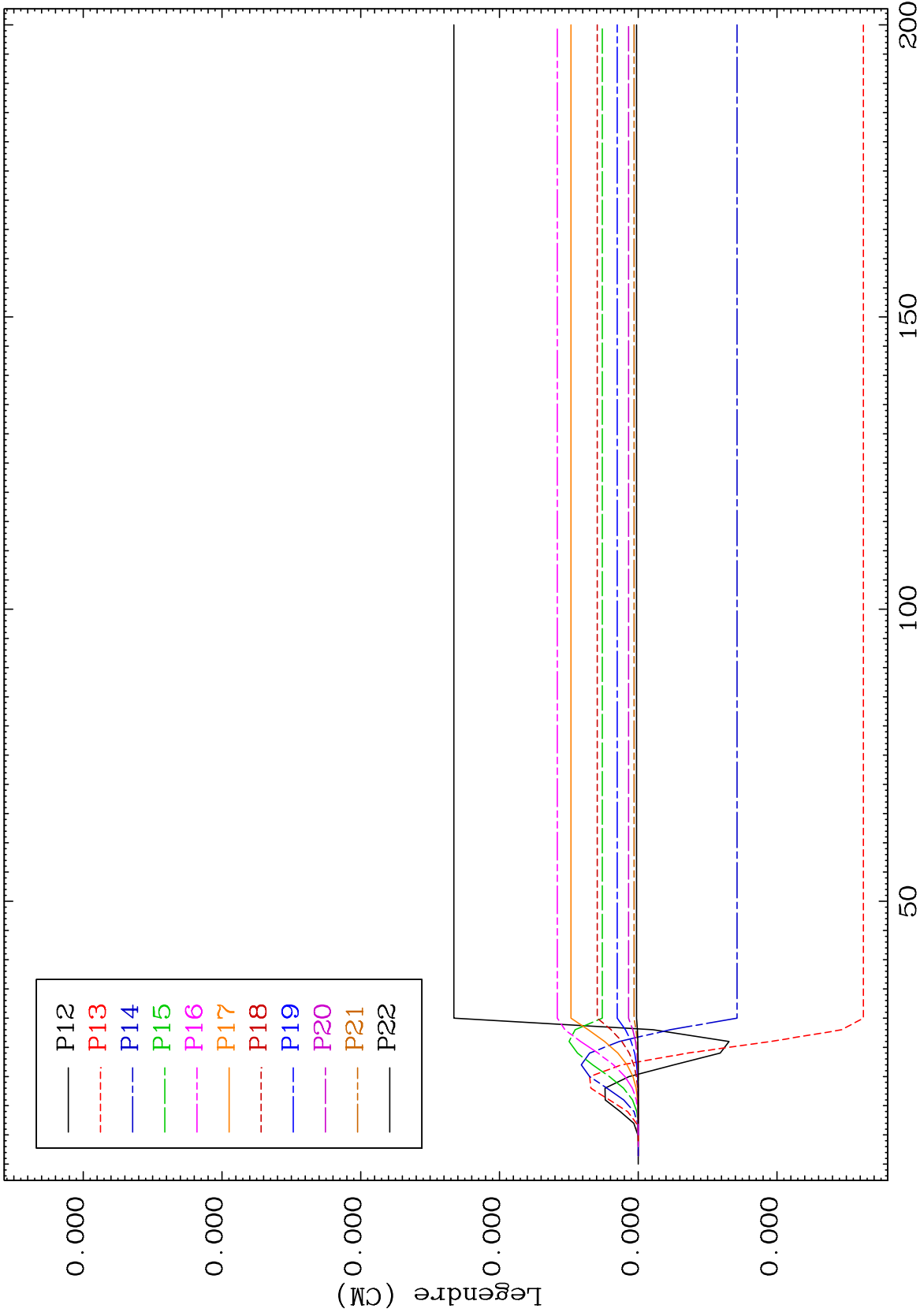
150

200

MAT 2640

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

26-Fe-59



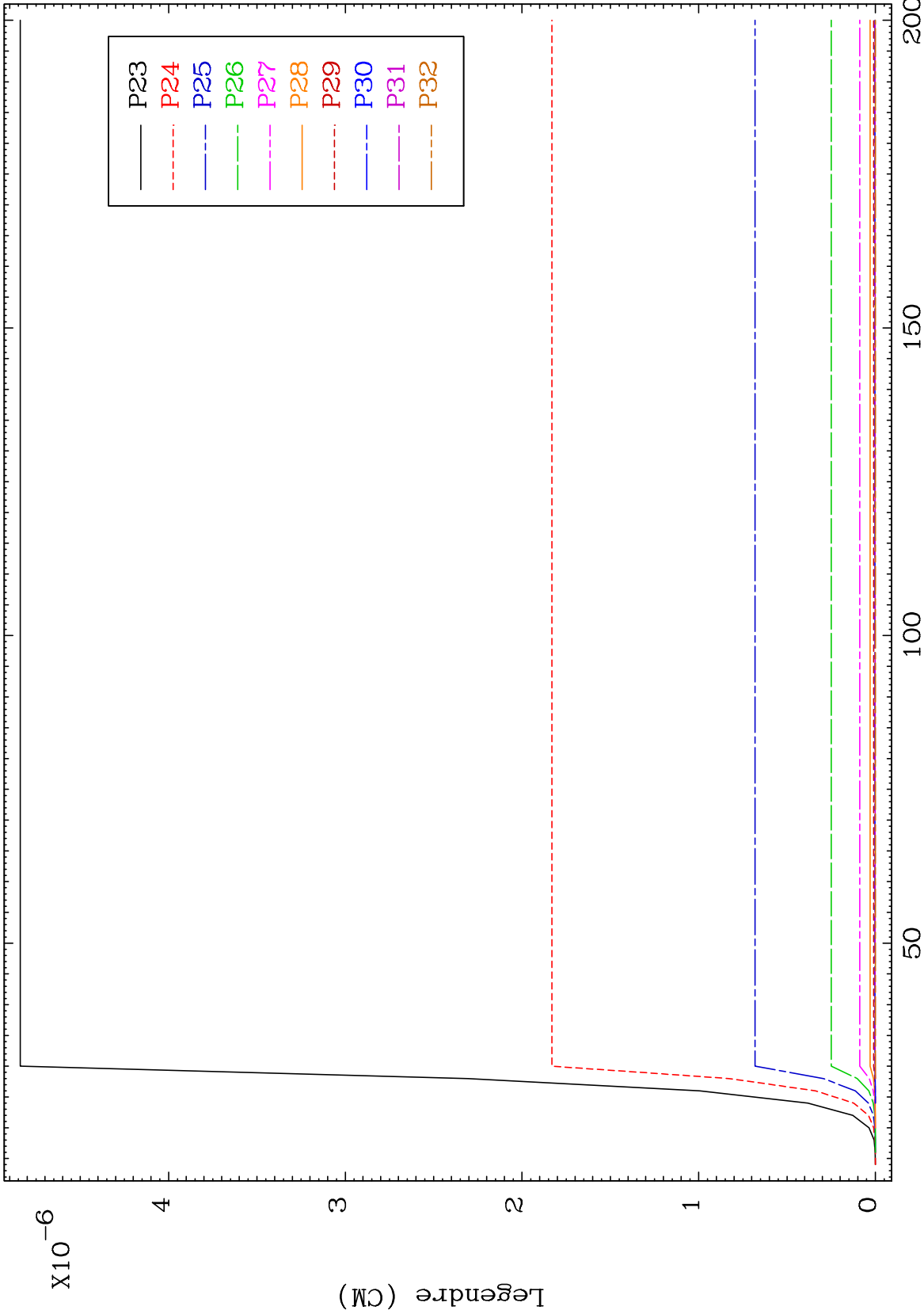
101

26-Fe-59

MAT 2640

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

26-Fe-59

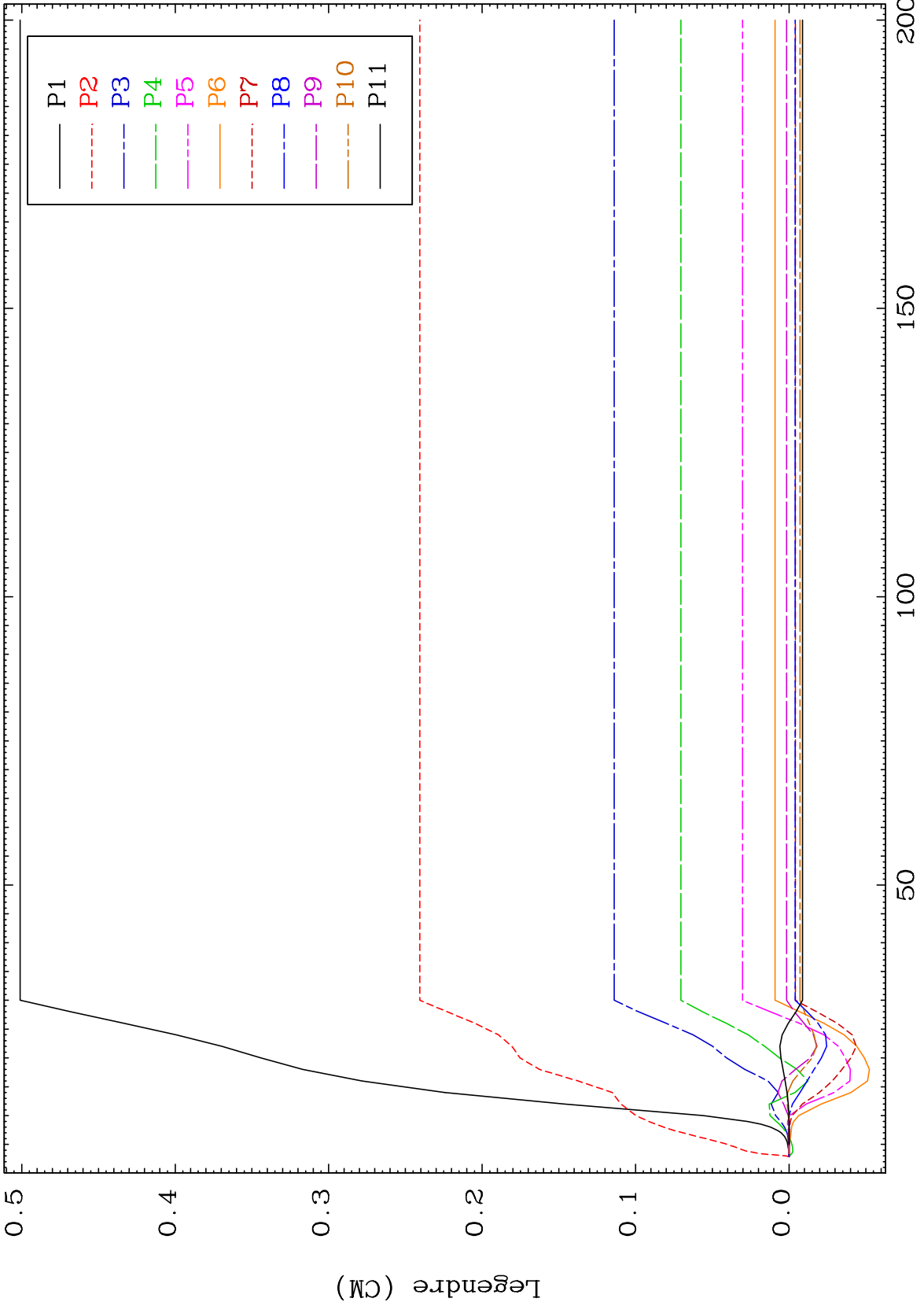


102

Incident Energy (MeV)

26-Fe-59

MAT 2640 MT= 79 (n,n') Level Legendre Coefficients 26-Fe-59

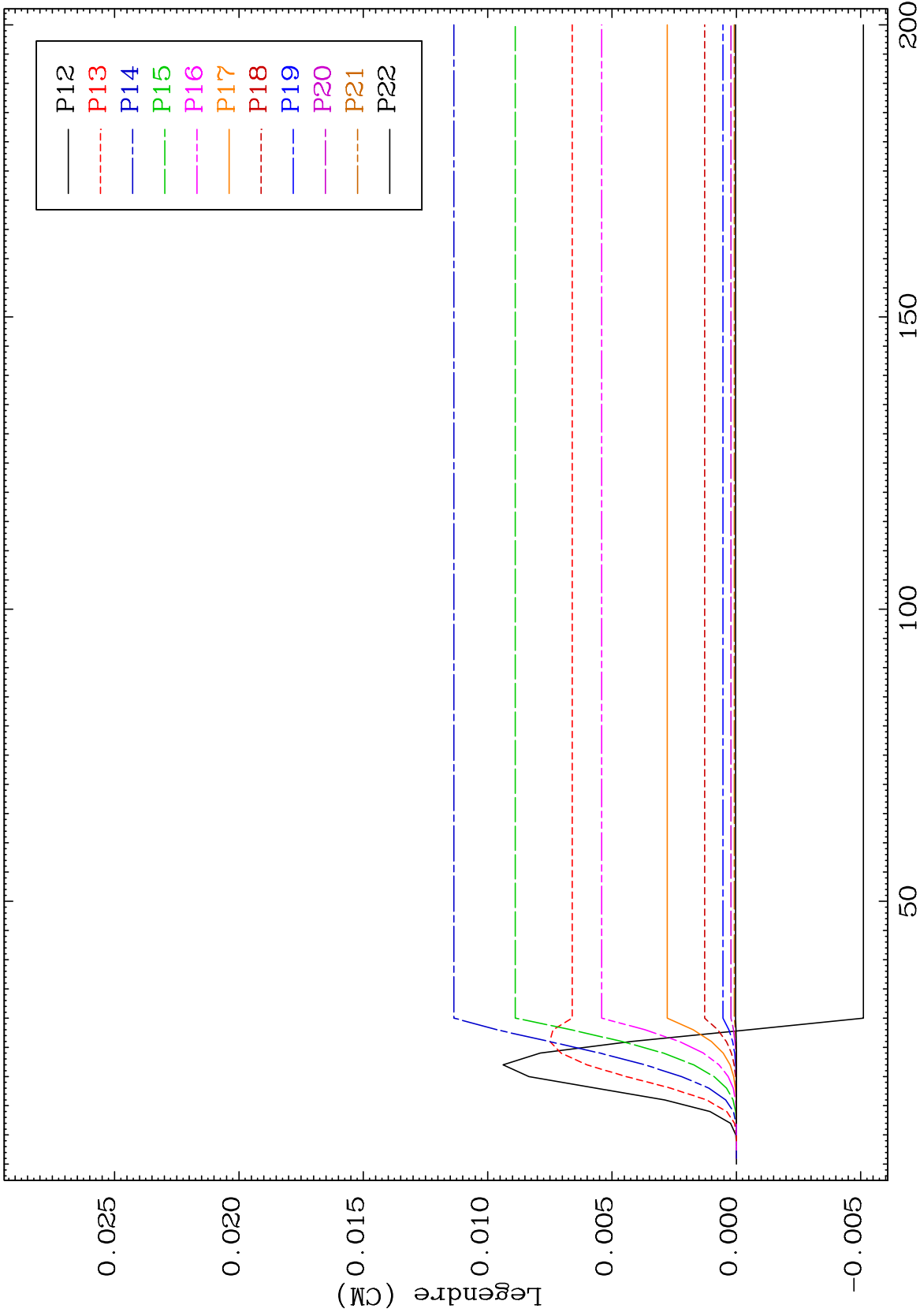


103 Incident Energy (MeV) 26-Fe-59

MAT 2640

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

26-Fe-59

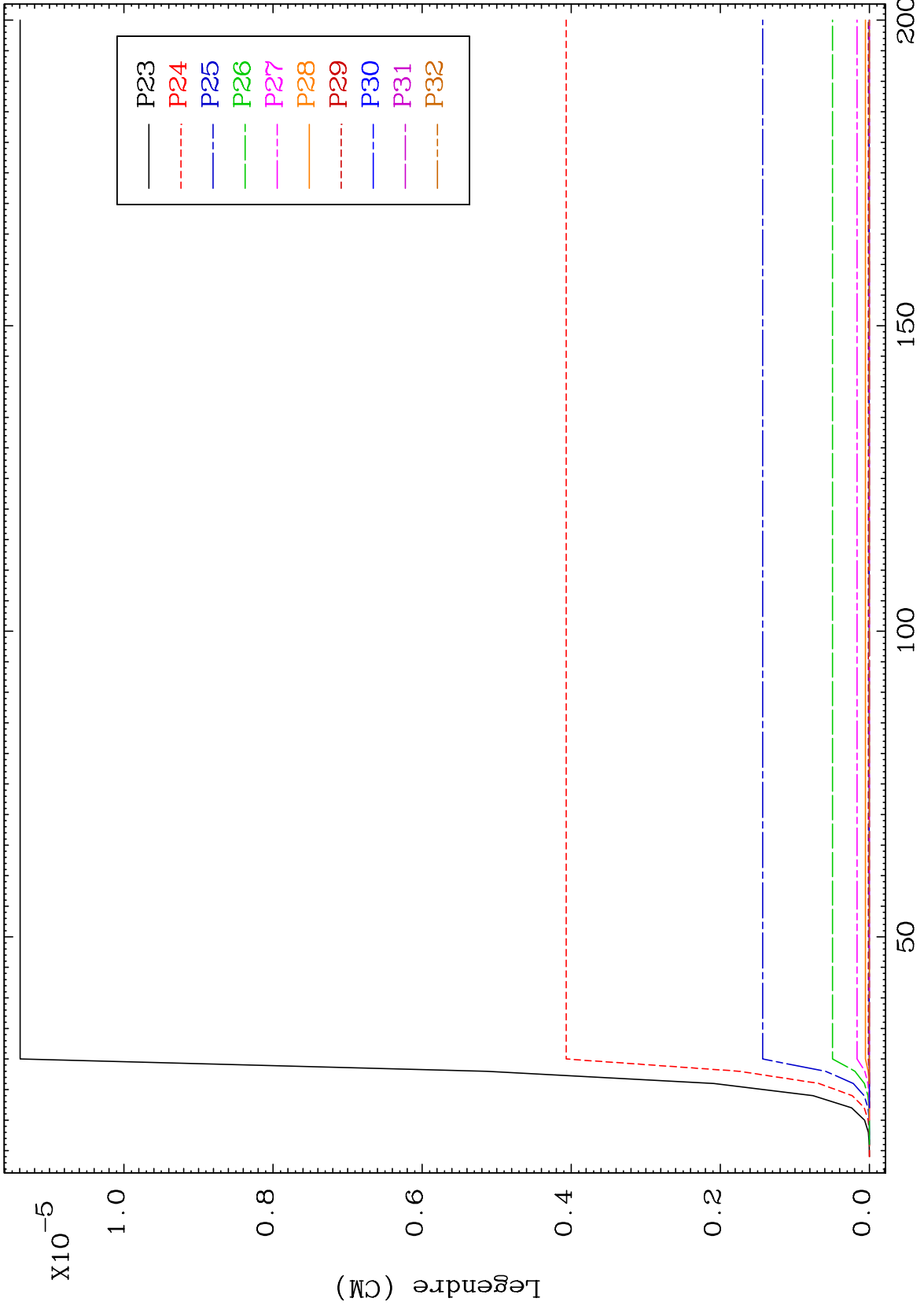


104

Incident Energy (MeV)

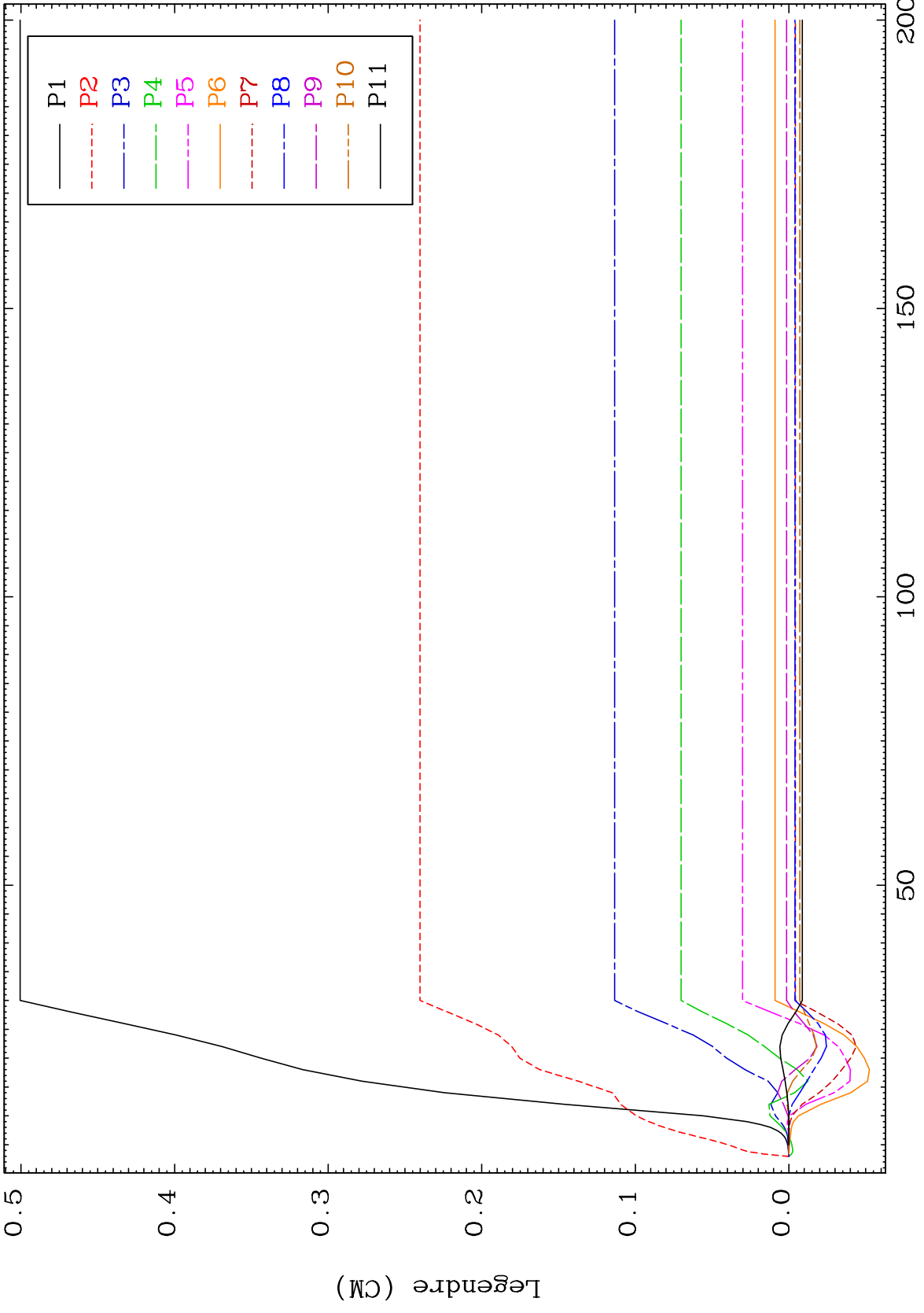
26-Fe-59

MAT 2640 MT= 79 (n,n') Level Legendre Coefficients 26-Fe-59



105 50 100 150 200 26-Fe-59

MAT 2640 MT= 80 (n,n') Level Legendre Coefficients 26-Fe-59

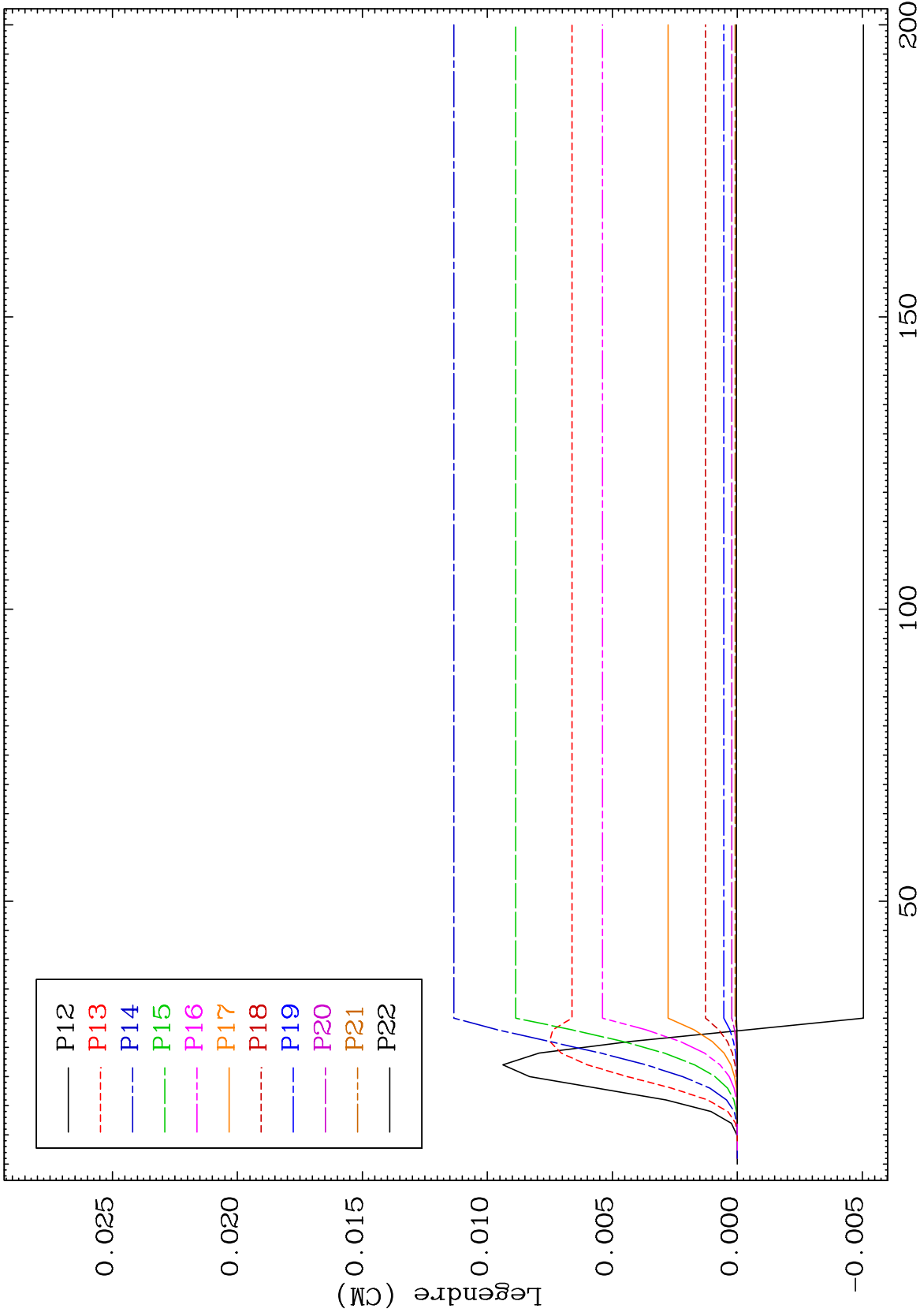


106 206 26-Fe-59

MAT 2640

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

26-Fe-59

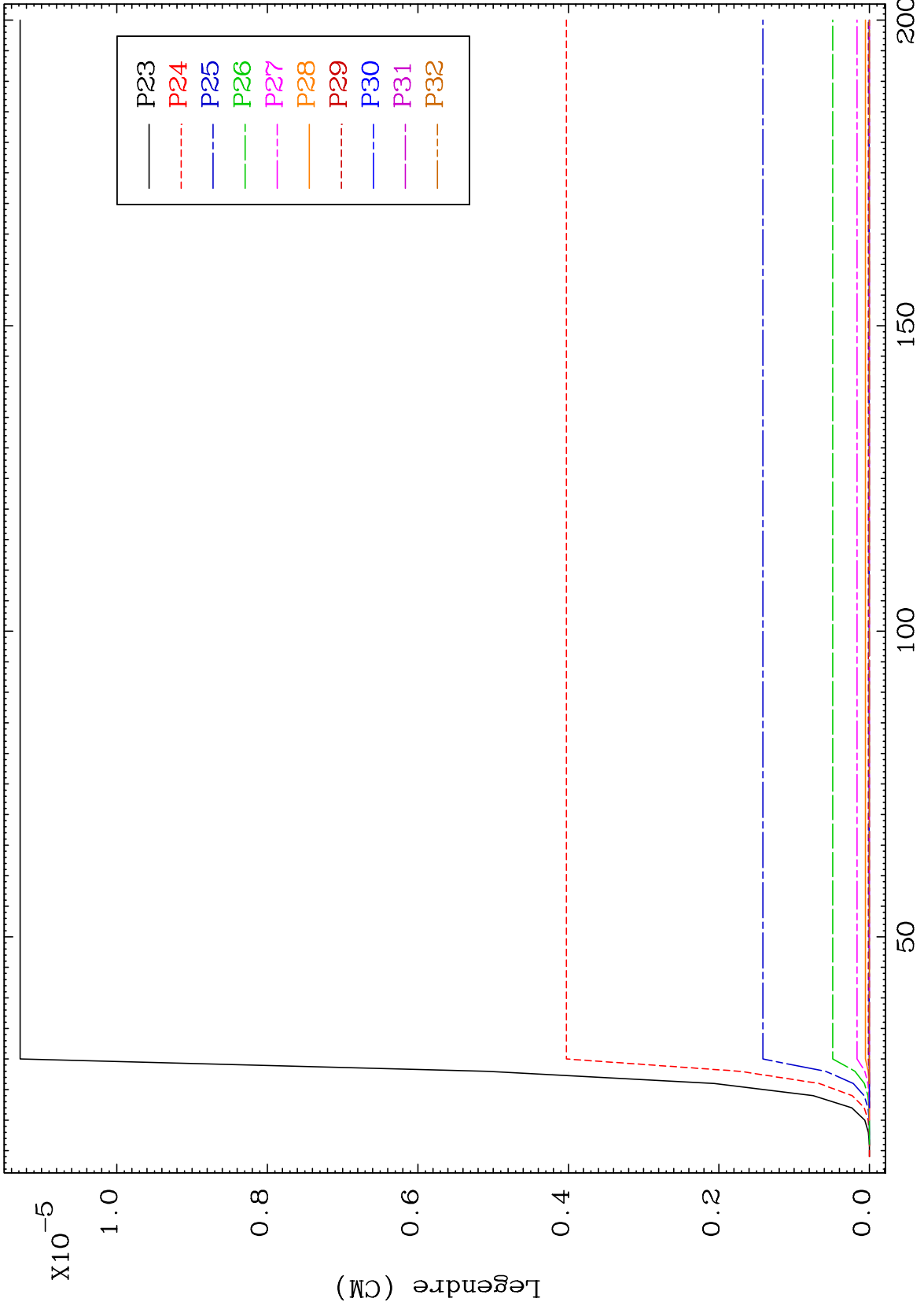


107

Incident Energy (MeV)

26-Fe-59

MAT 2640 MT= 80 (n,n') Level Legendre Coefficients 26-Fe-59



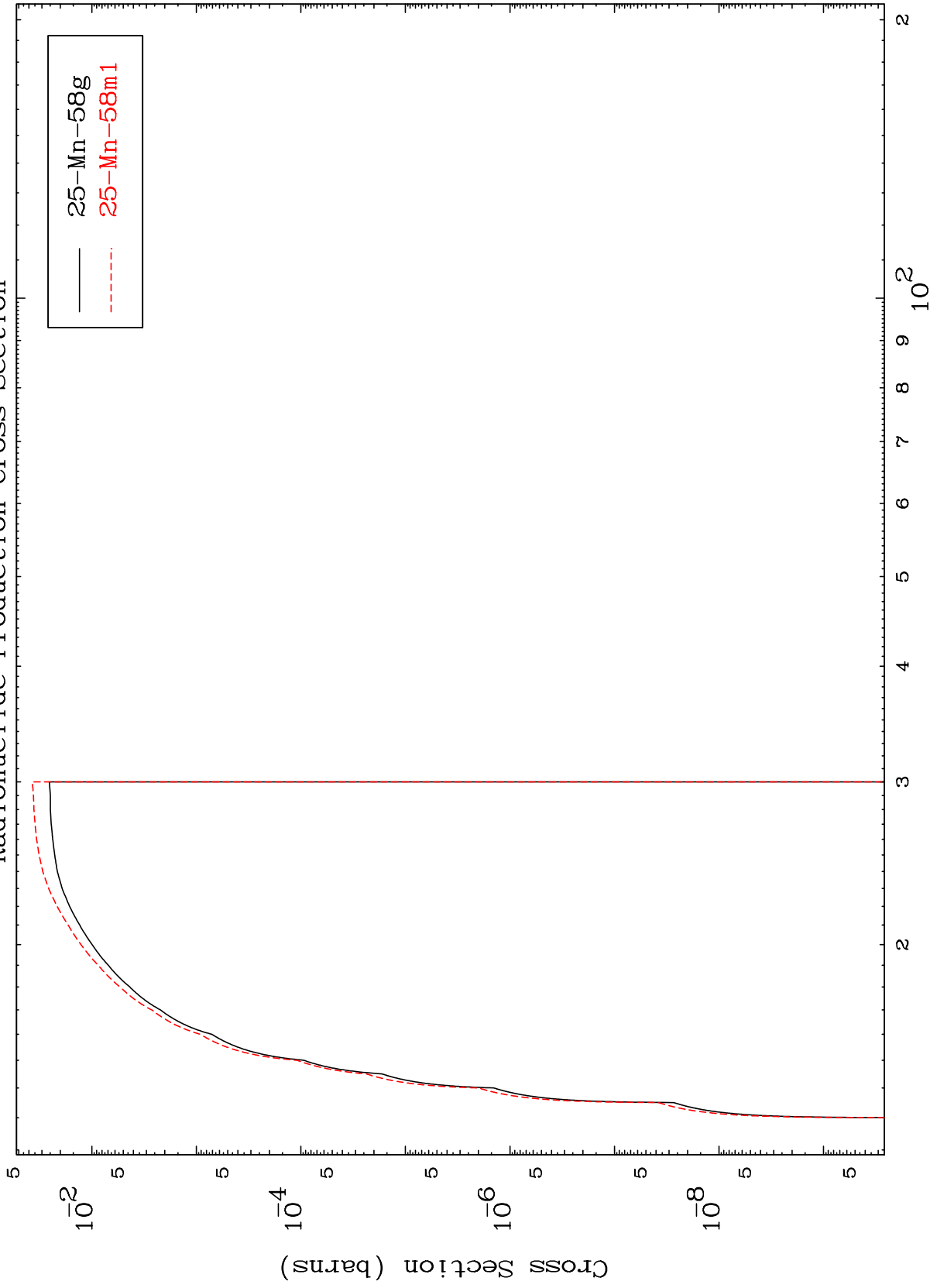
108 26-Fe-59

MAT 2640

(n,n') p

²⁶Fe-59

Radionuclide Production Cross Section



109

Incident Energy (MeV)

²⁶Fe-59

