

Program EVALPLOT
(Version 2018-1)

by

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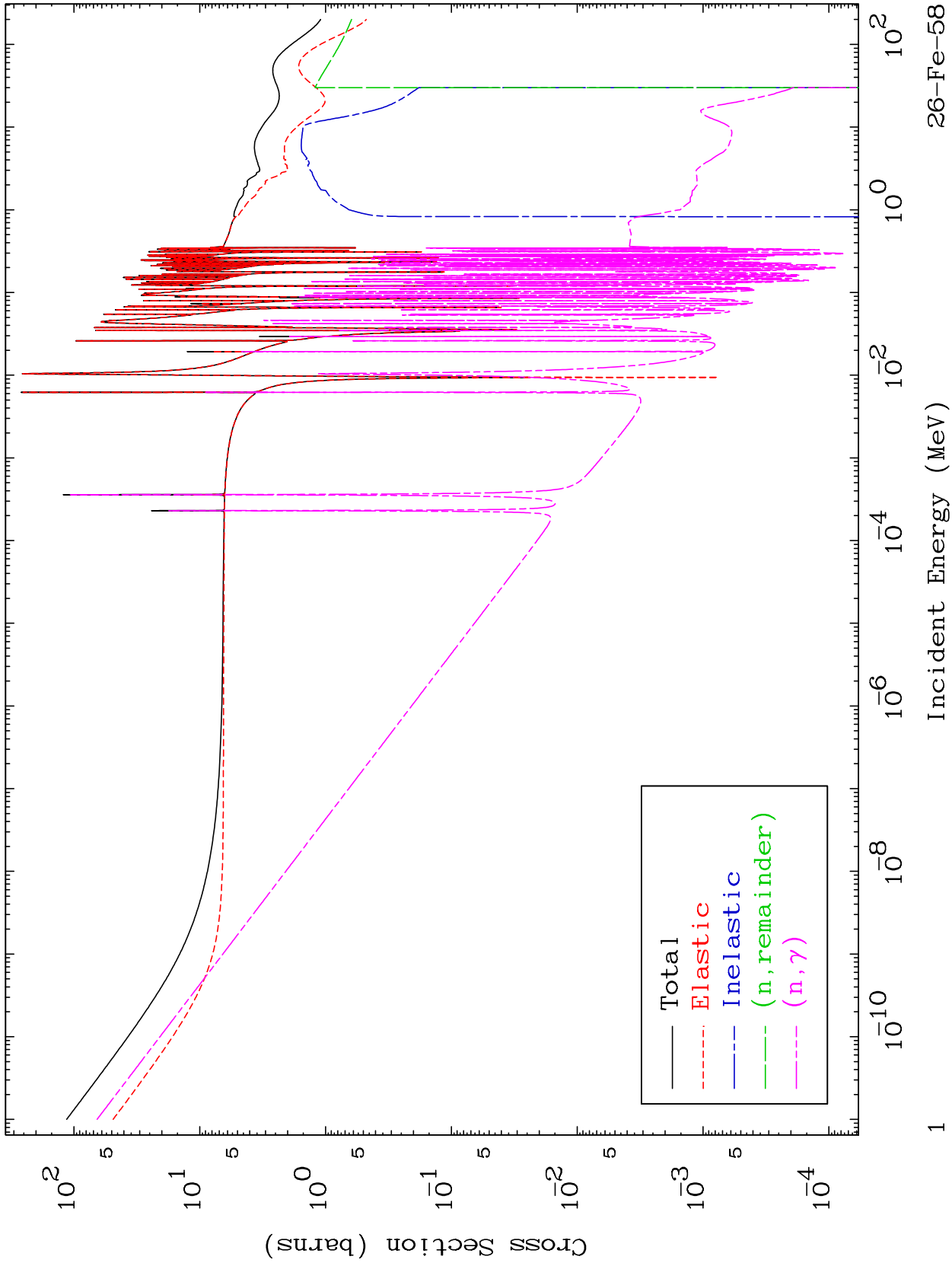
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2637

Major
293 Kelvin Cross Sections

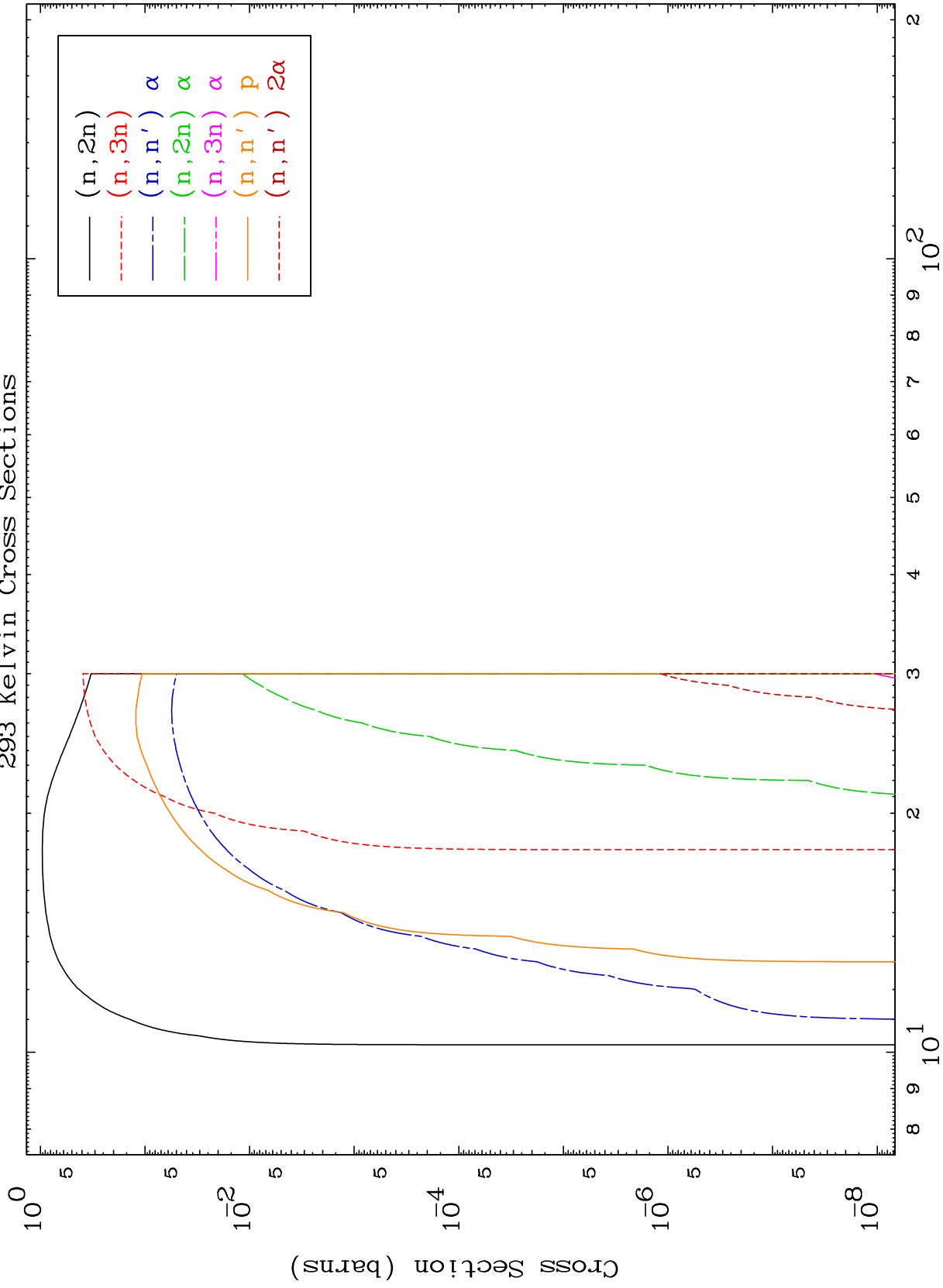
26-Fe-58



MAT 2637

Neutron Production
293 Kelvin Cross Sections

26-Fe-58



2

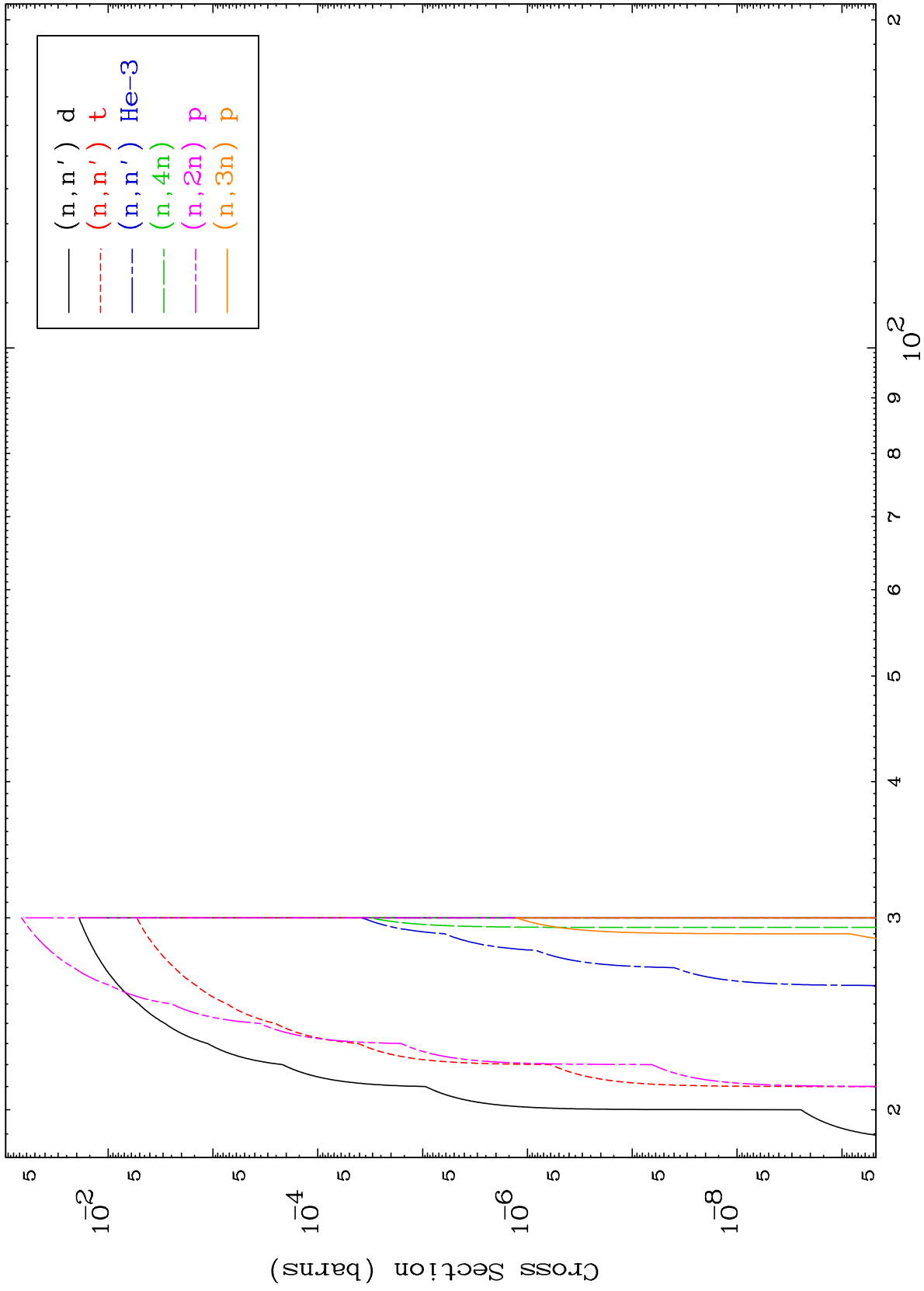
Incident Energy (MeV)

26-Fe-58

MAT 2637

Neutron Production
293 Kelvin Cross Sections

26-Fe-58



3

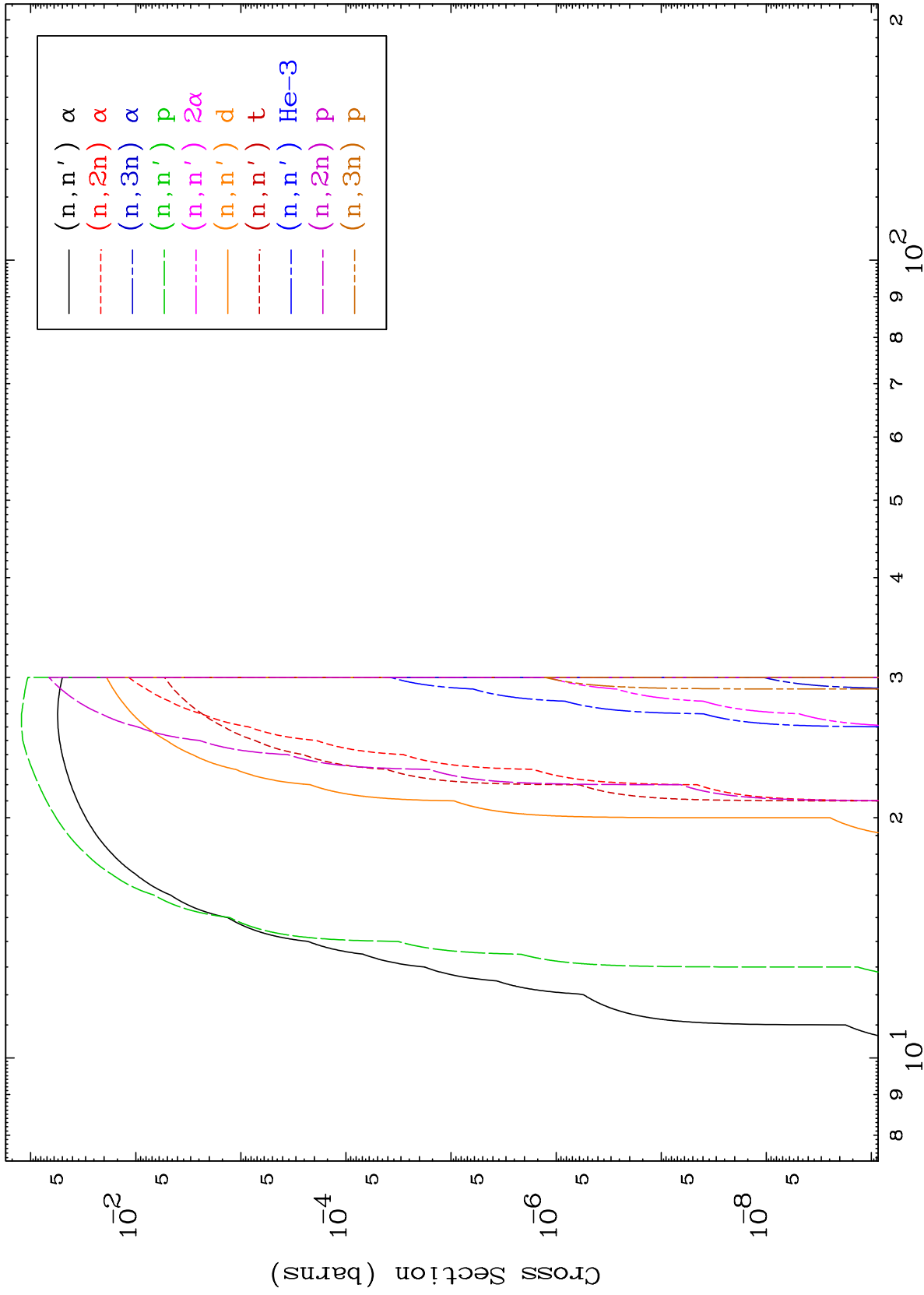
Incident Energy (MeV)

26-Fe-58

MAT 2637

Charged Particle
293 Kelvin Cross Sections

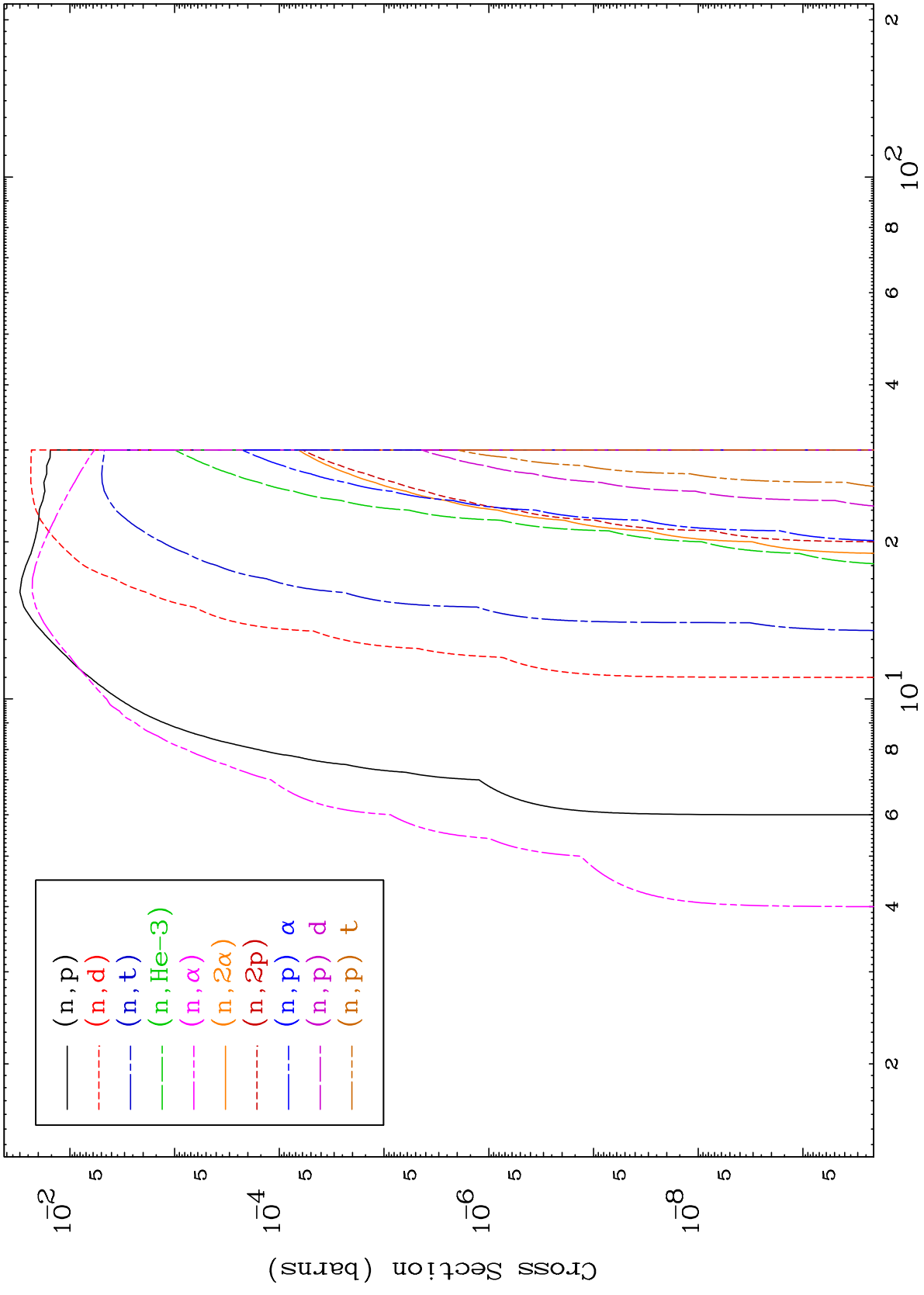
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4

Incident Energy (MeV)

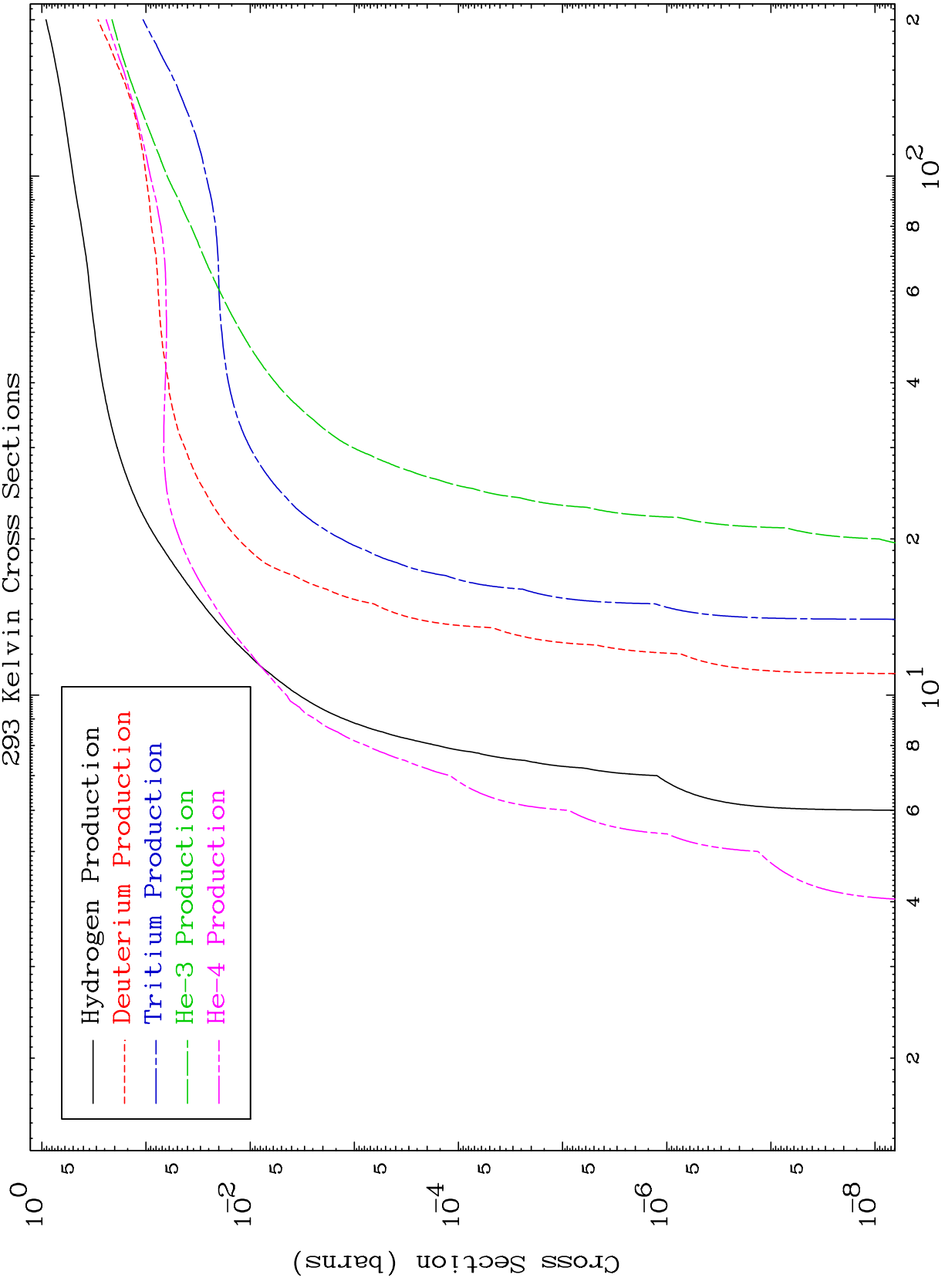
26-Fe-58



MAT 2637

Particle Production
293 Kelvin Cross Sections

26-Fe-58



6

Incident Energy (MeV)

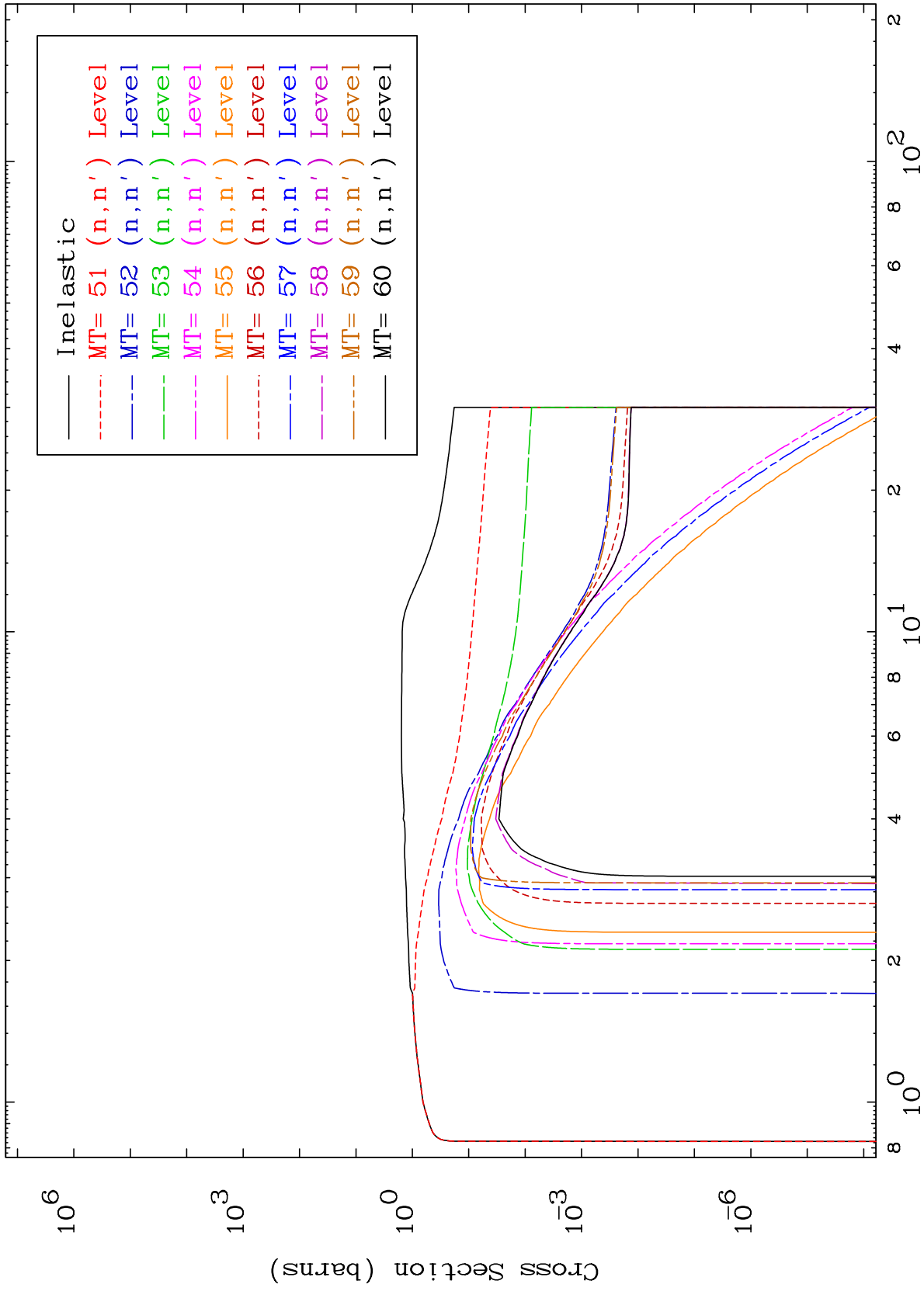
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MAT 2637

(n,n') Level

26-Fe-58

293 Kelvin Cross Sections



7

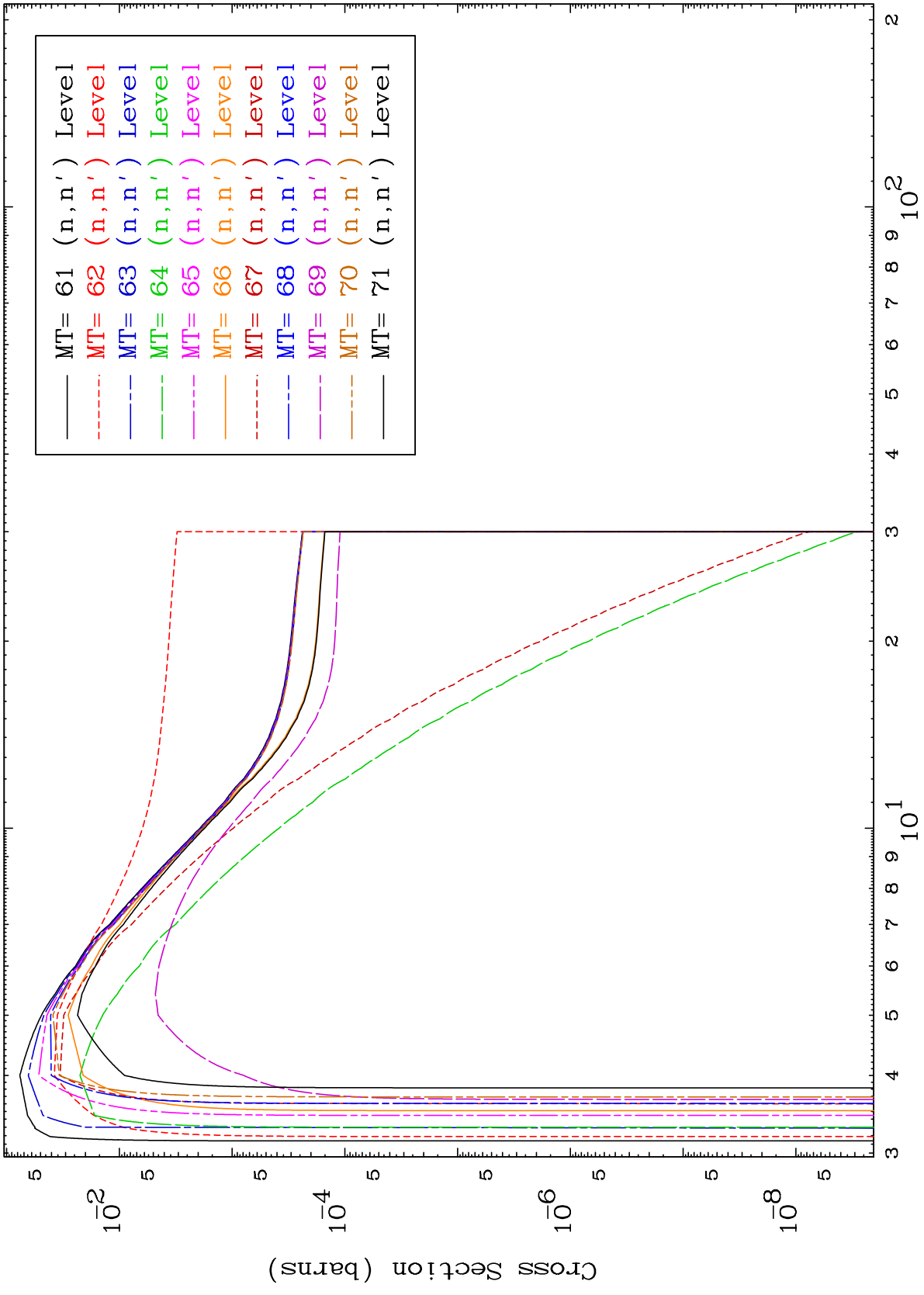
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,n') Level
293 Kelvin Cross Sections

26-Fe-58



8

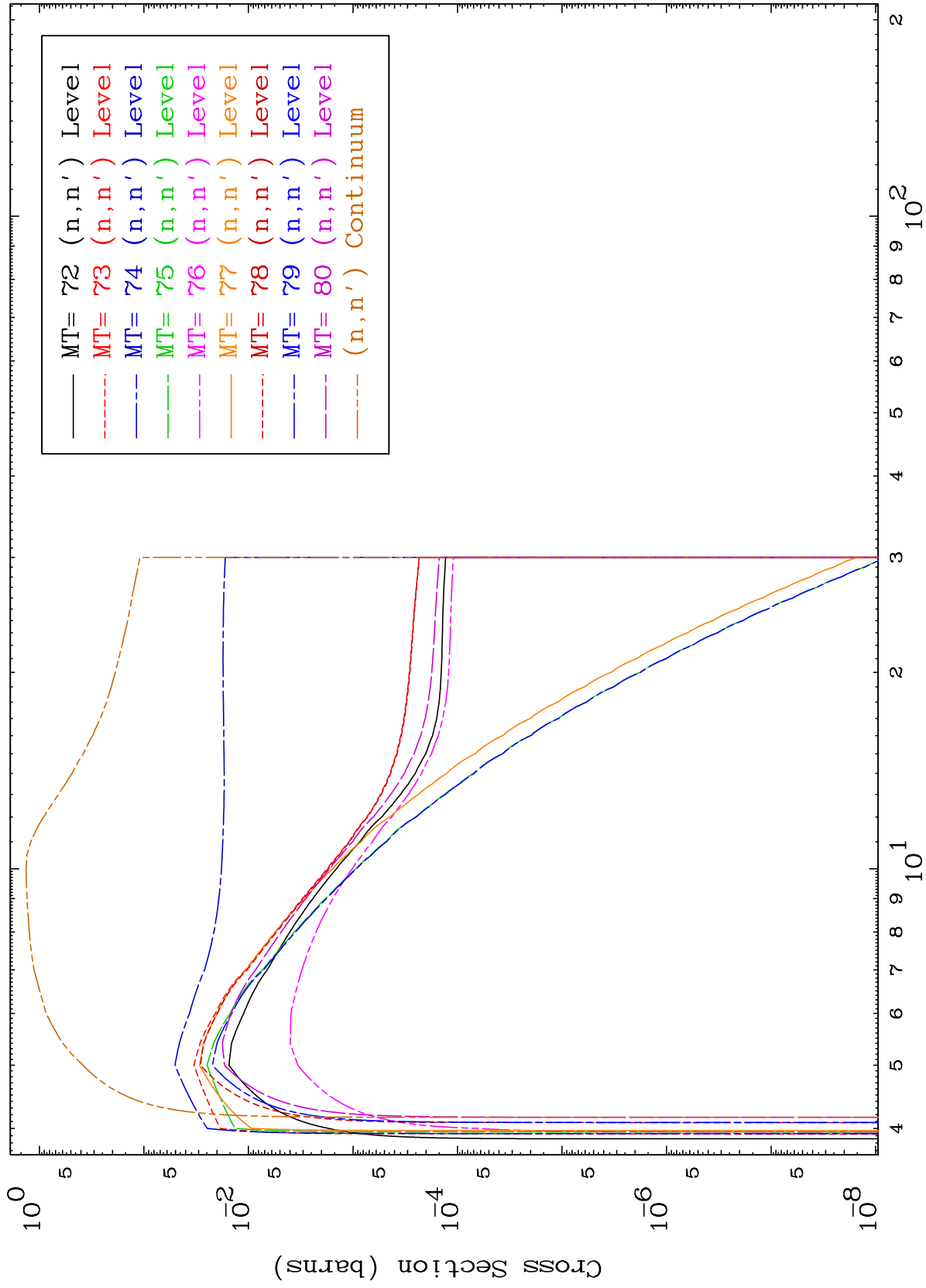
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,n') Level
293 Kelvin Cross Sections

26-Fe-58



9

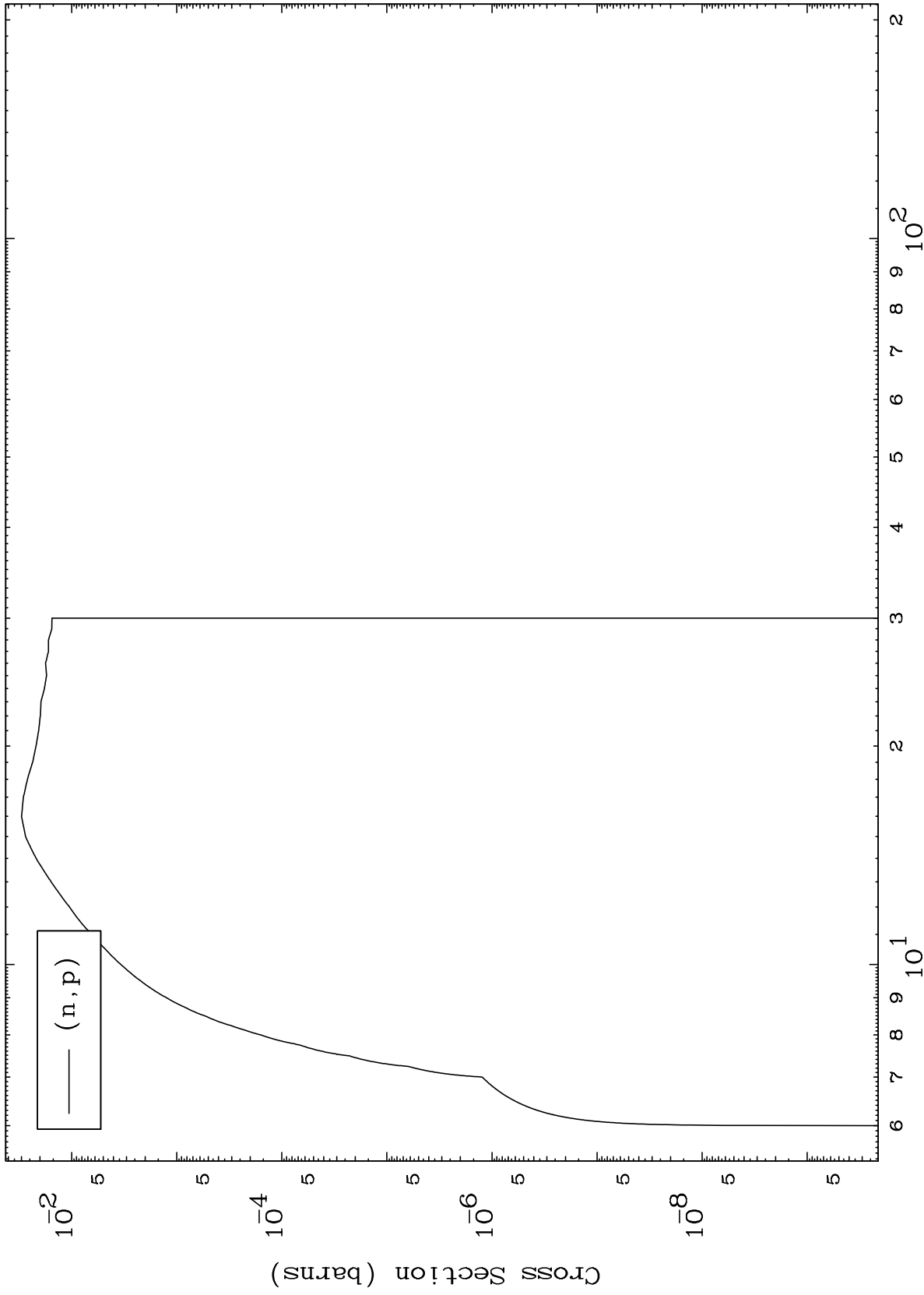
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,p) Levels
293 Kelvin Cross Sections

²⁶Fe-58



10

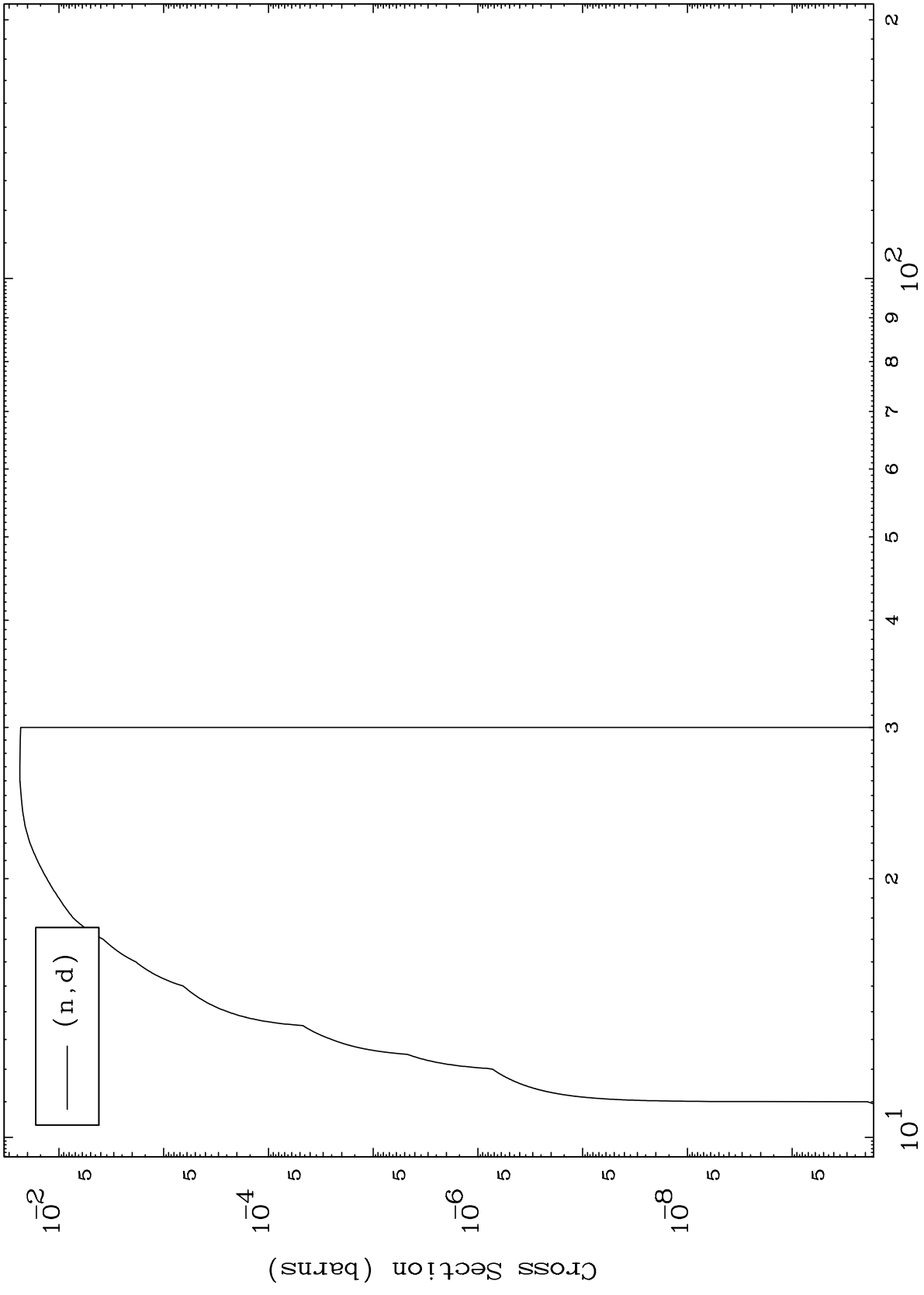
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

(n,d) Levels
293 Kelvin Cross Sections

²⁶Fe-58



11

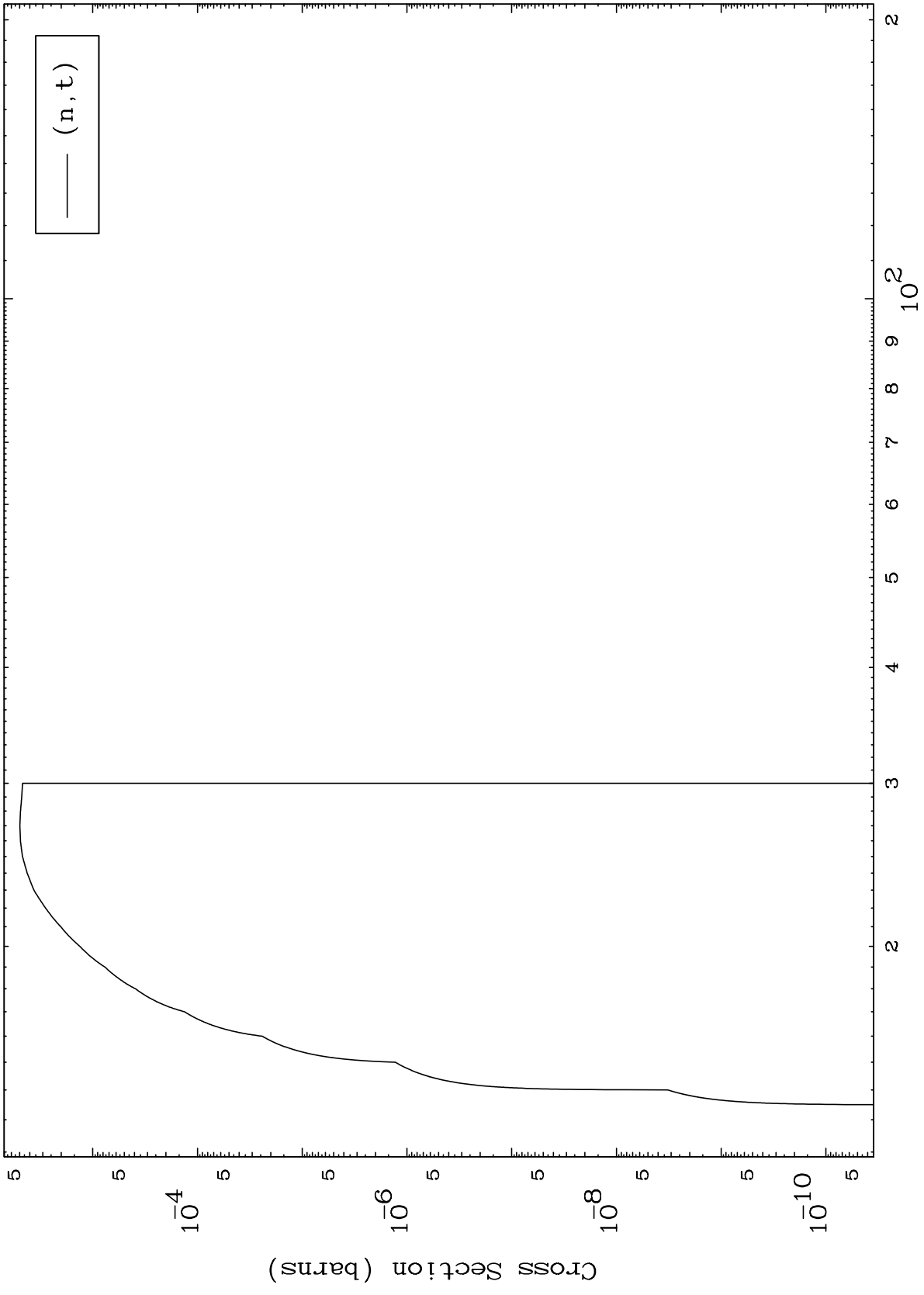
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

(n,t) Levels
293 Kelvin Cross Sections

26-Fe-58



12

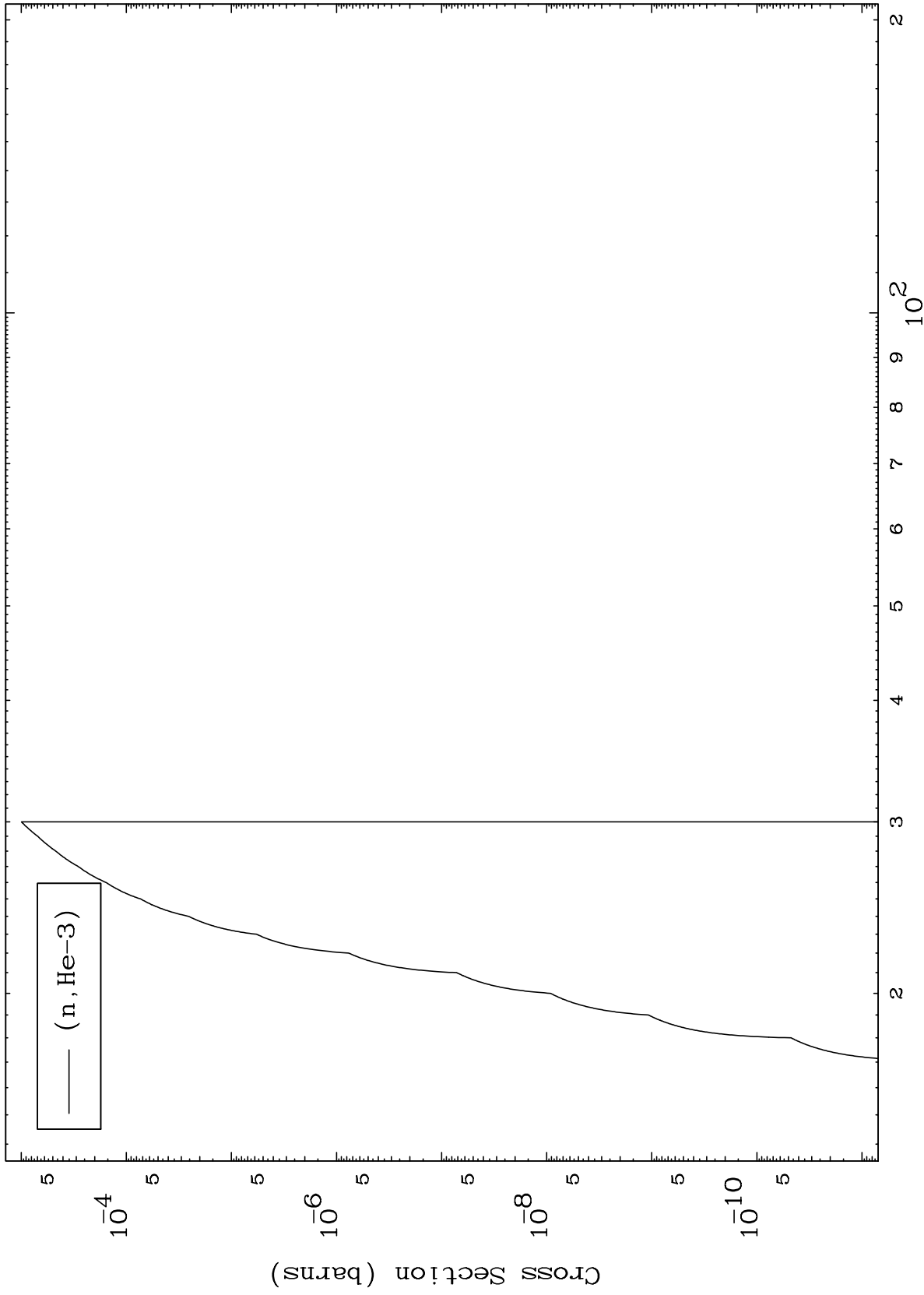
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,He3) Levels
293 Kelvin Cross Sections

26-Fe-58



13

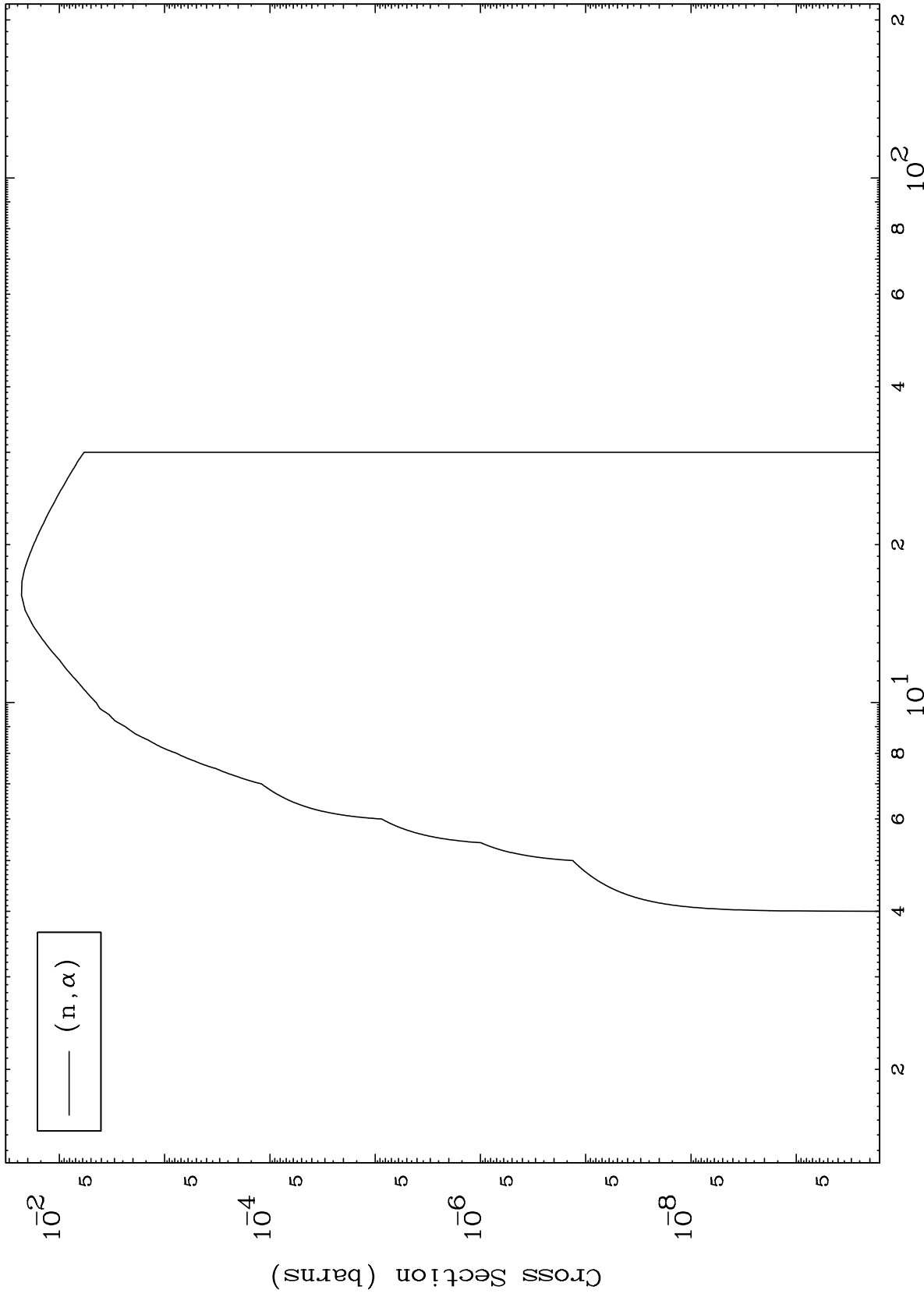
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,α) Levels
293 Kelvin Cross Sections

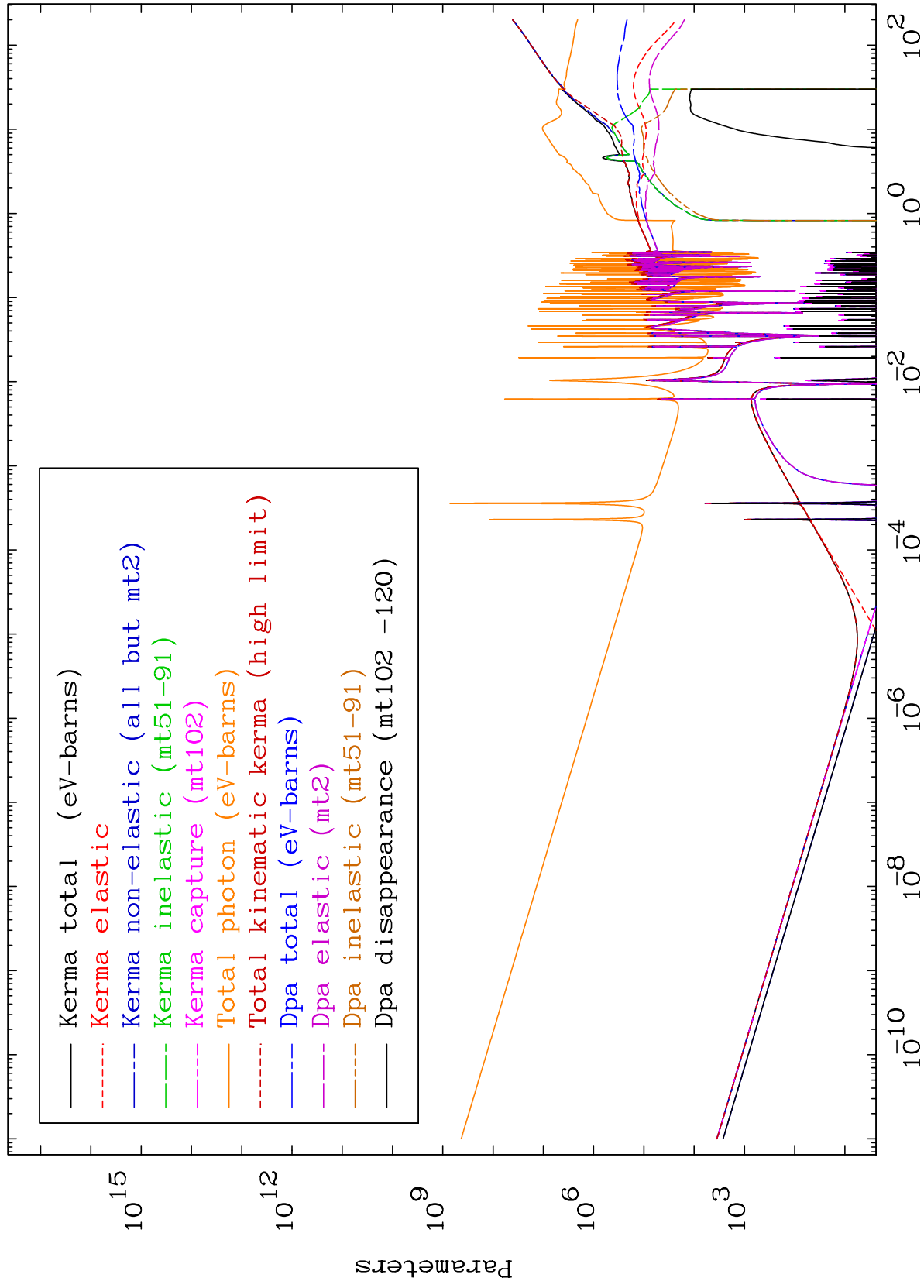
26-Fe-58



14

Incident Energy (MeV)

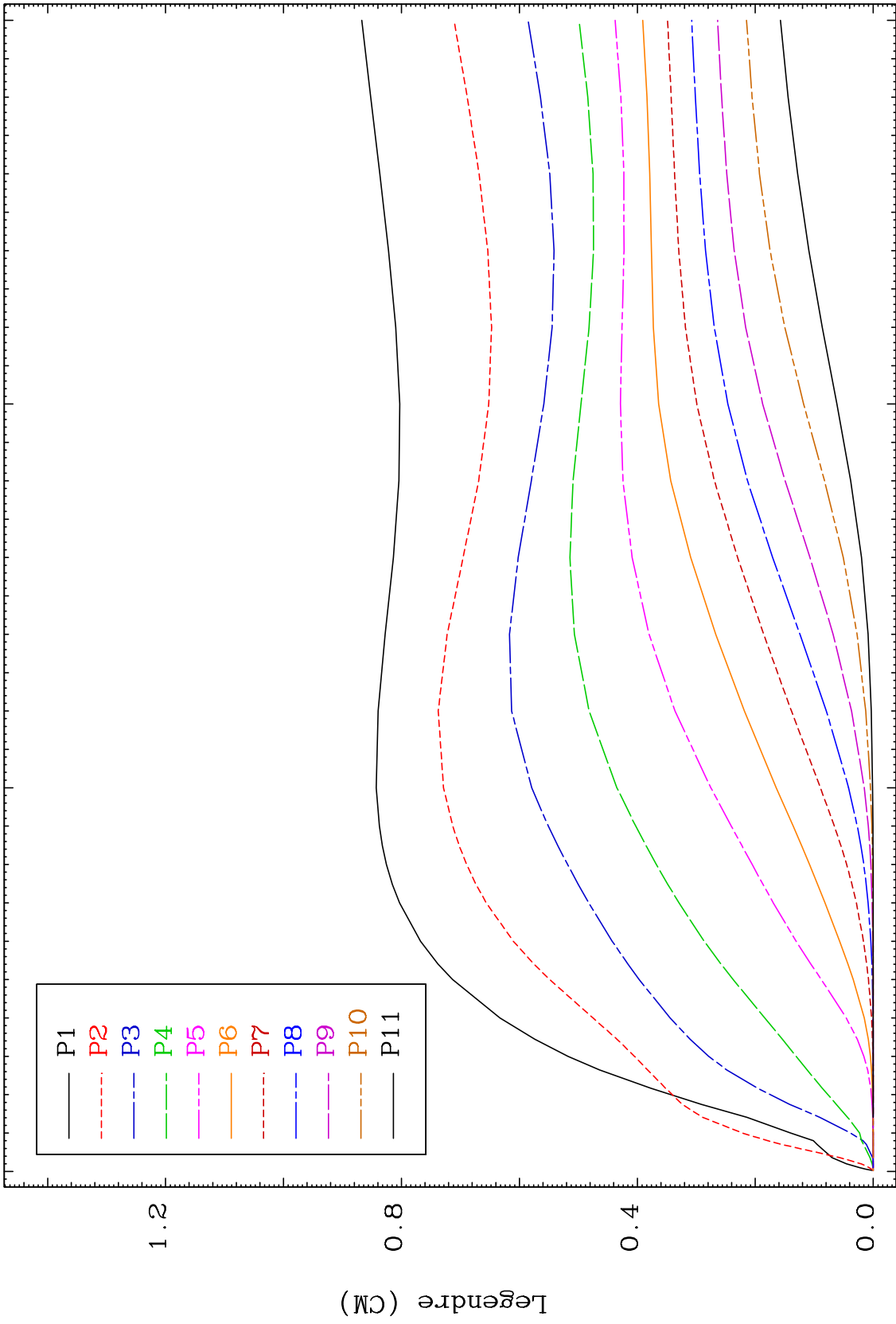
26-Fe-58



MAT 2637

Elastic Legendre Coefficients

²⁶Fe-58



16

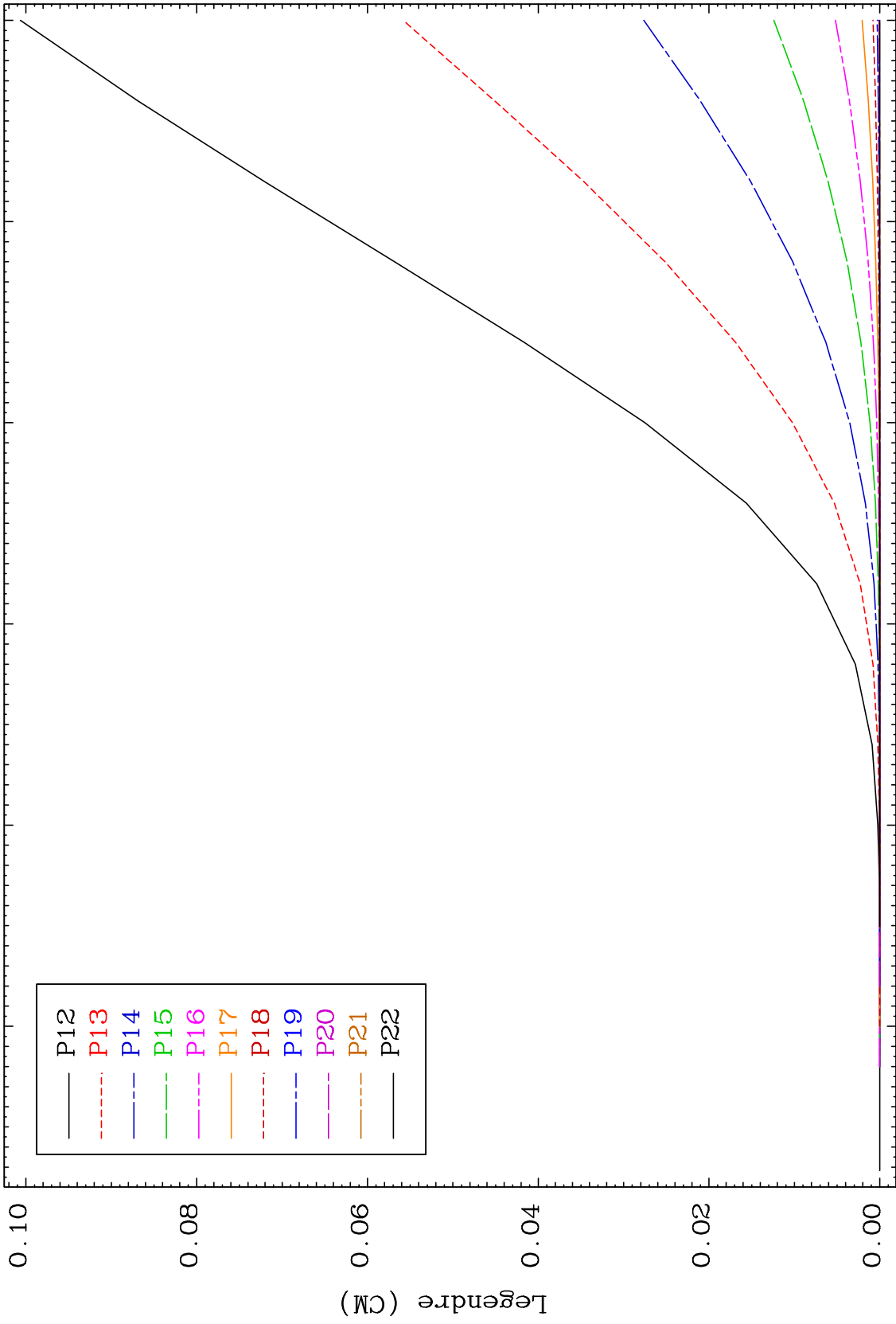
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

Elastic
Legendre Coefficients

²⁶Fe-58



17

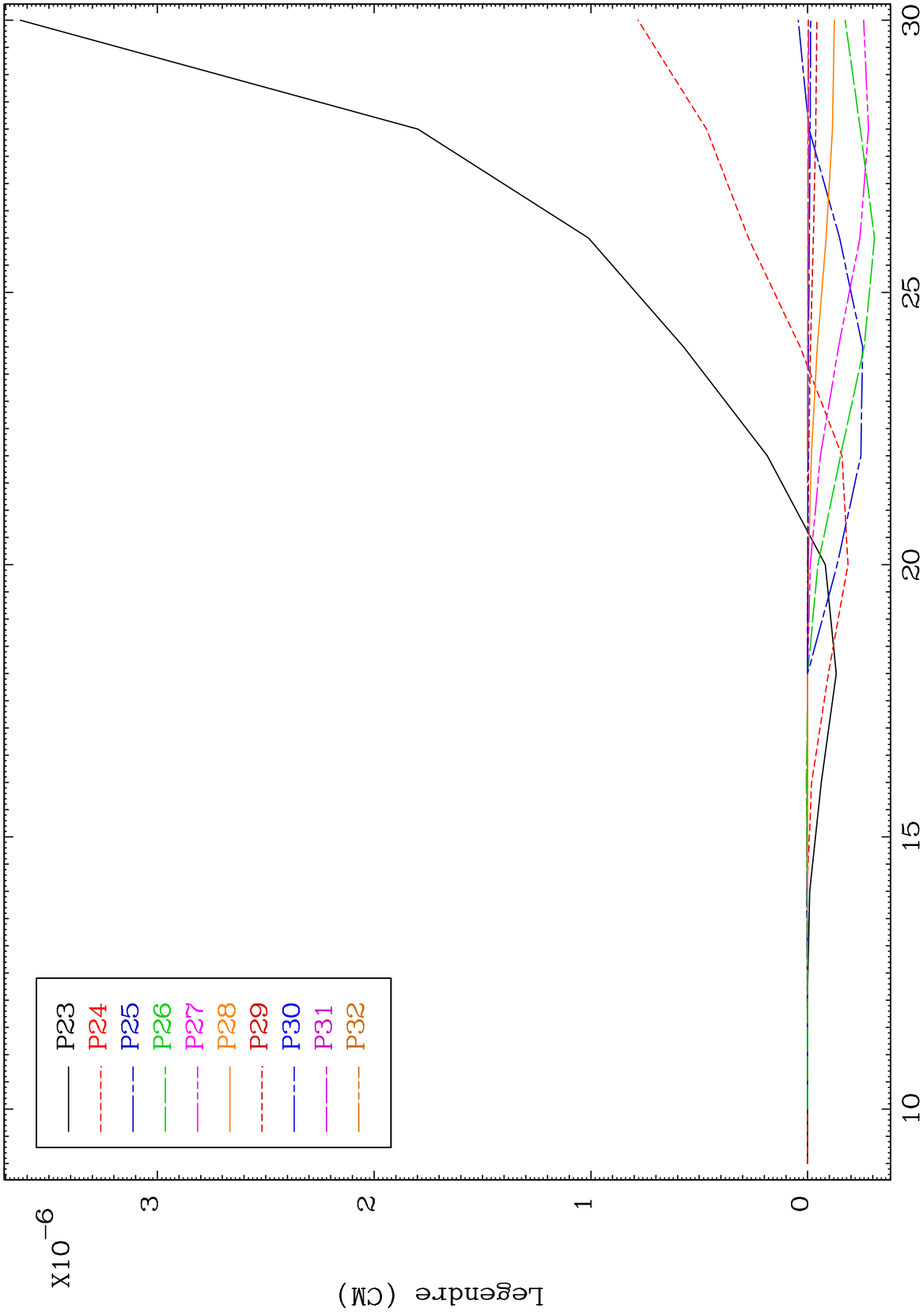
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

Elastic Legendre Coefficients

²⁶Fe-58



18

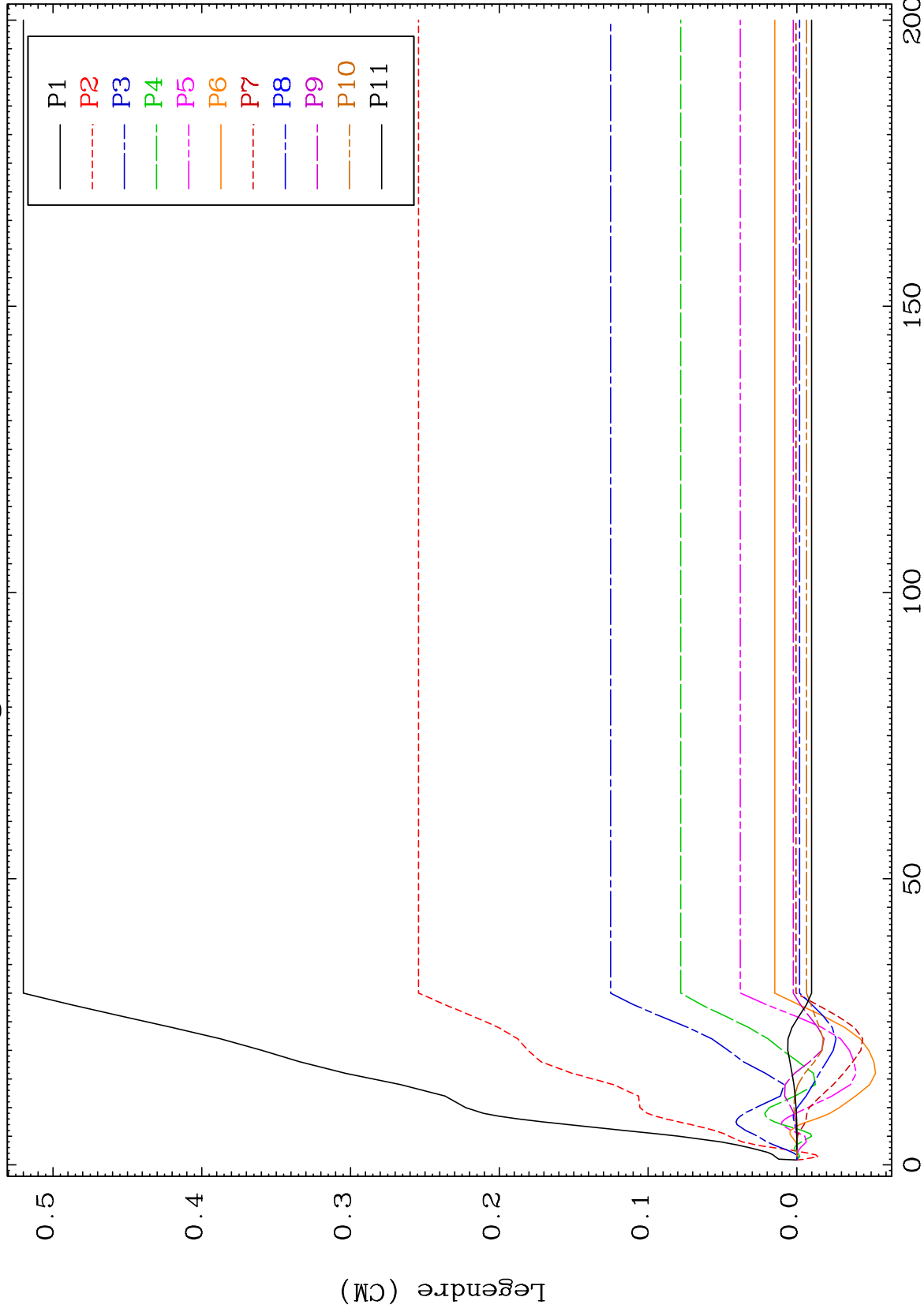
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

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

26-Fe-58



19

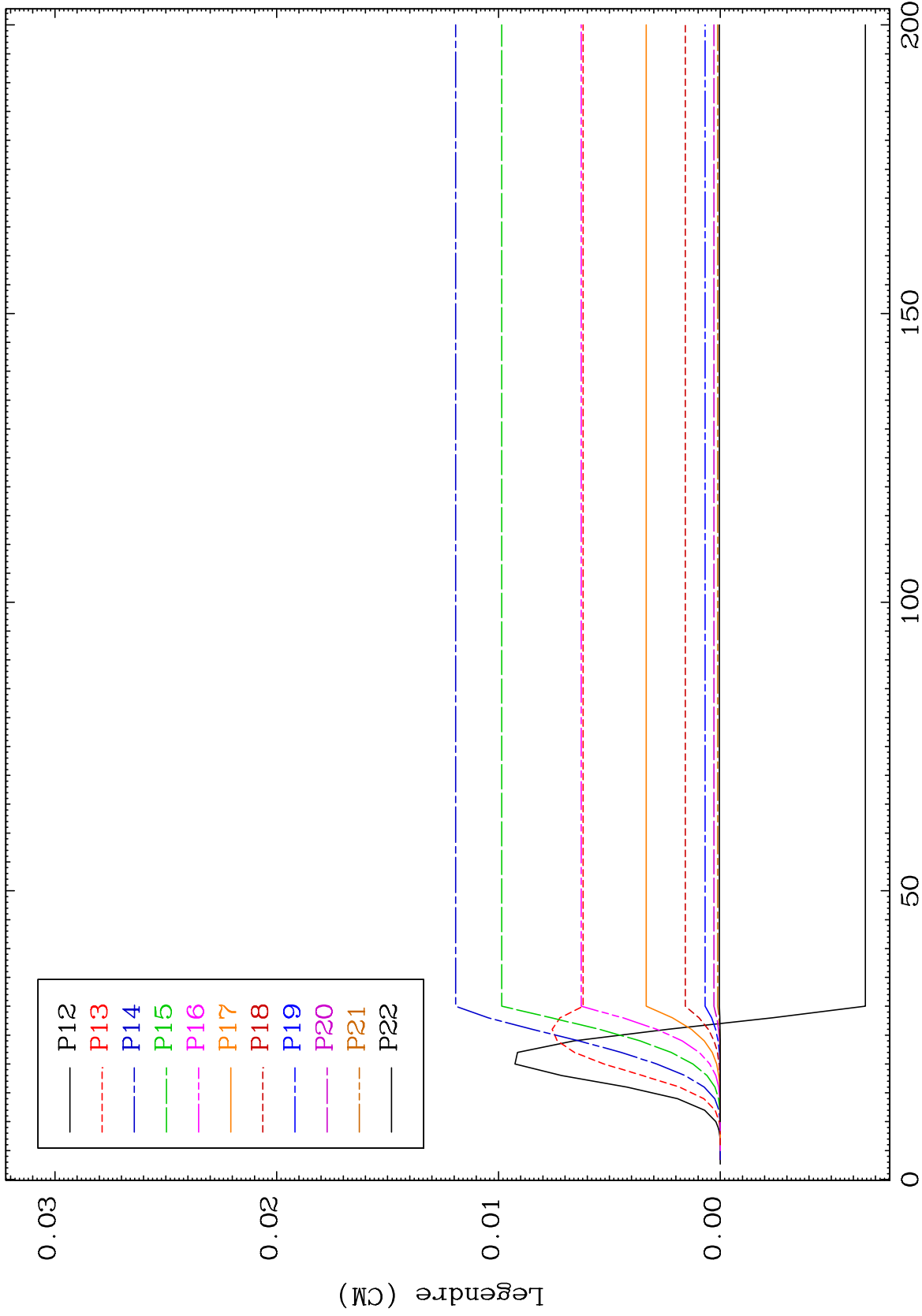
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

²⁶Fe-58



20

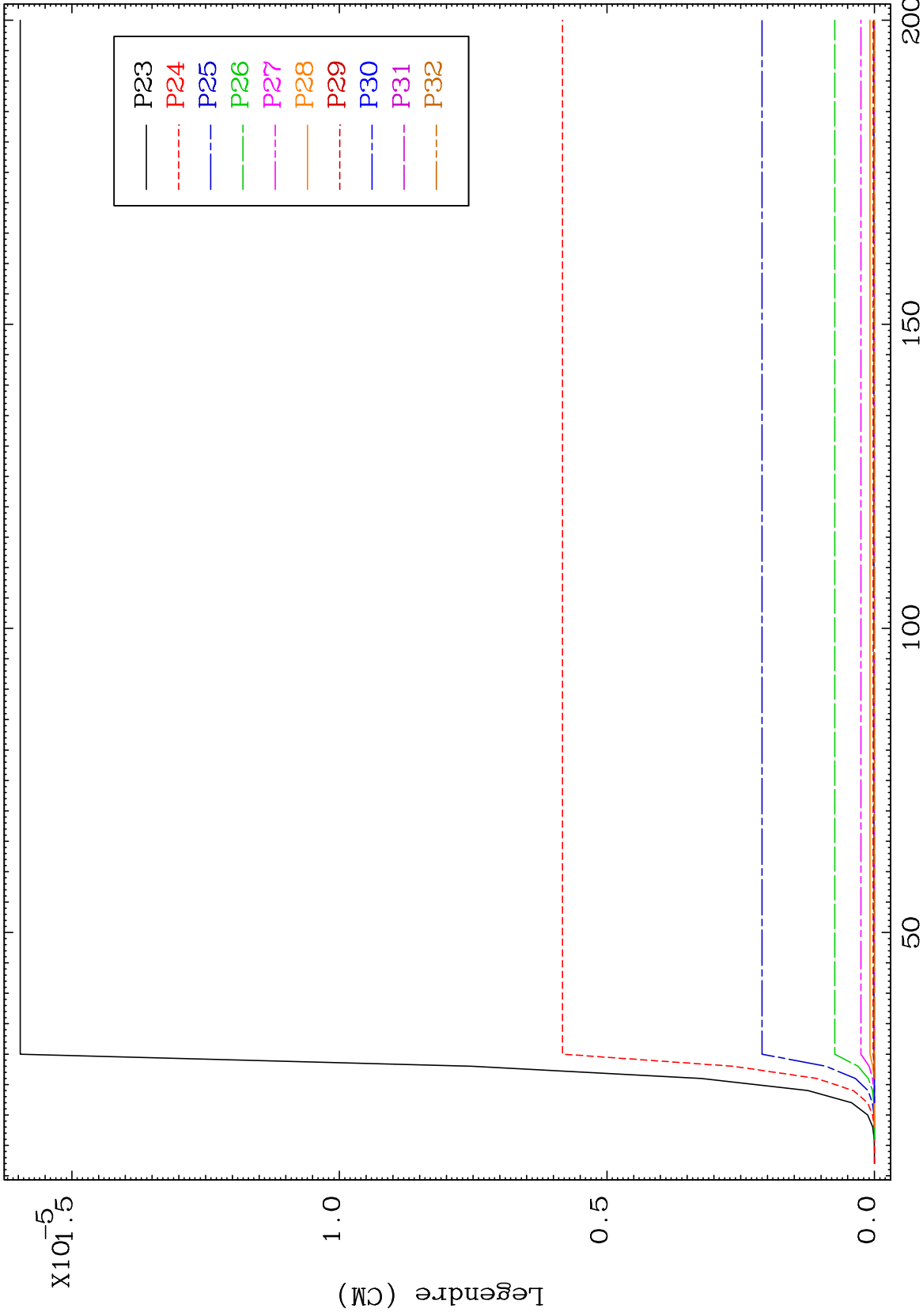
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

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

26-Fe-58



21

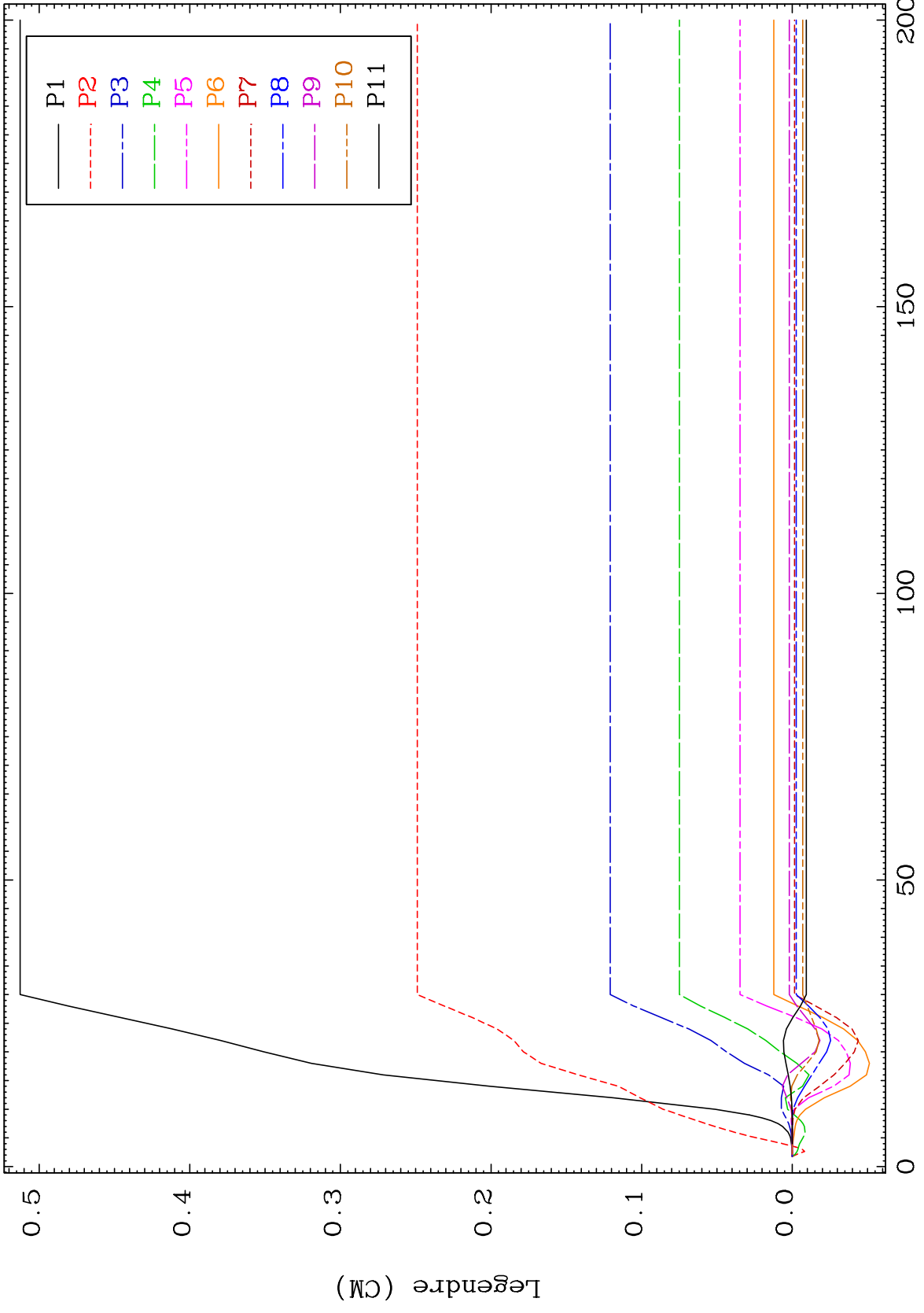
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



22

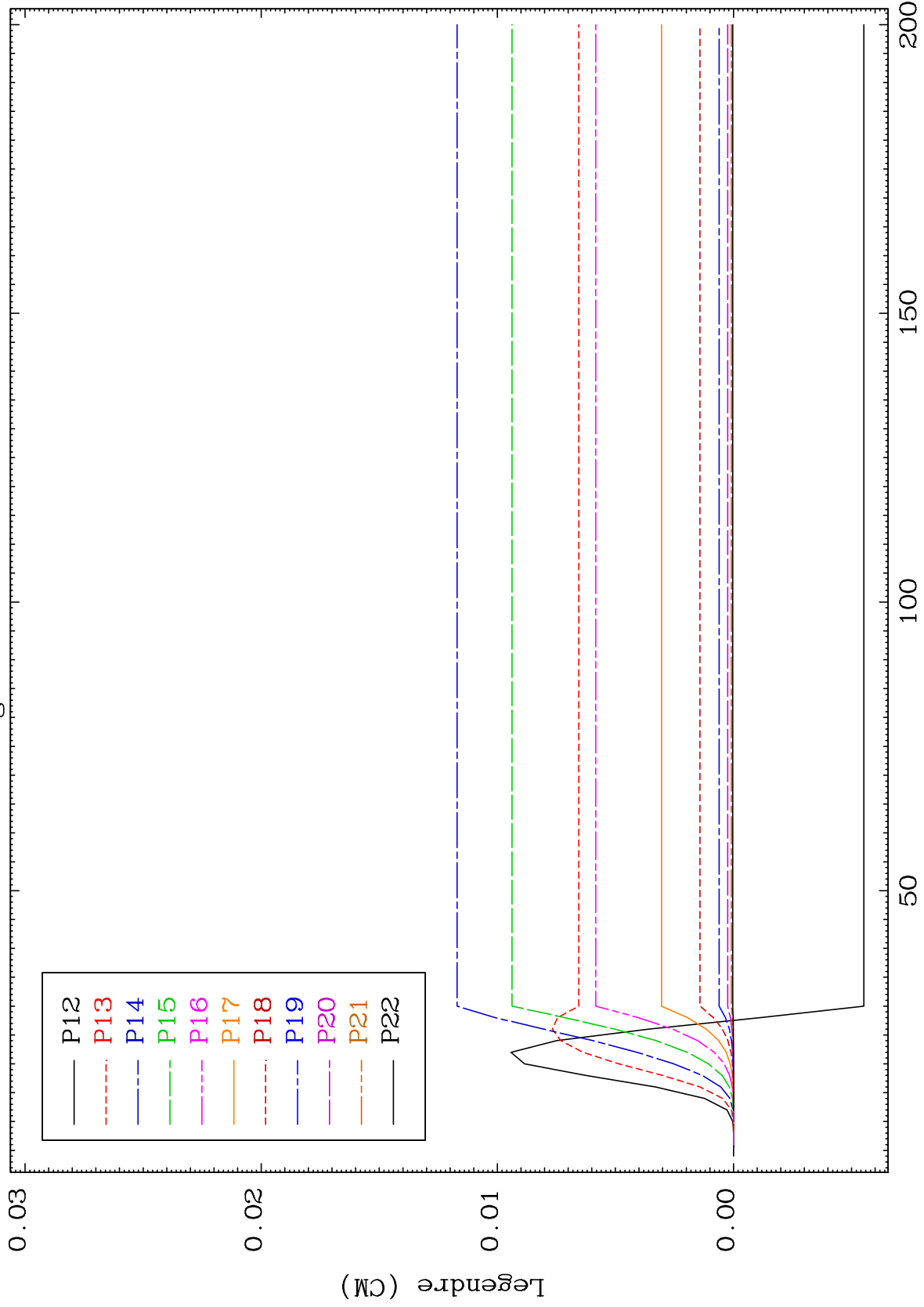
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58

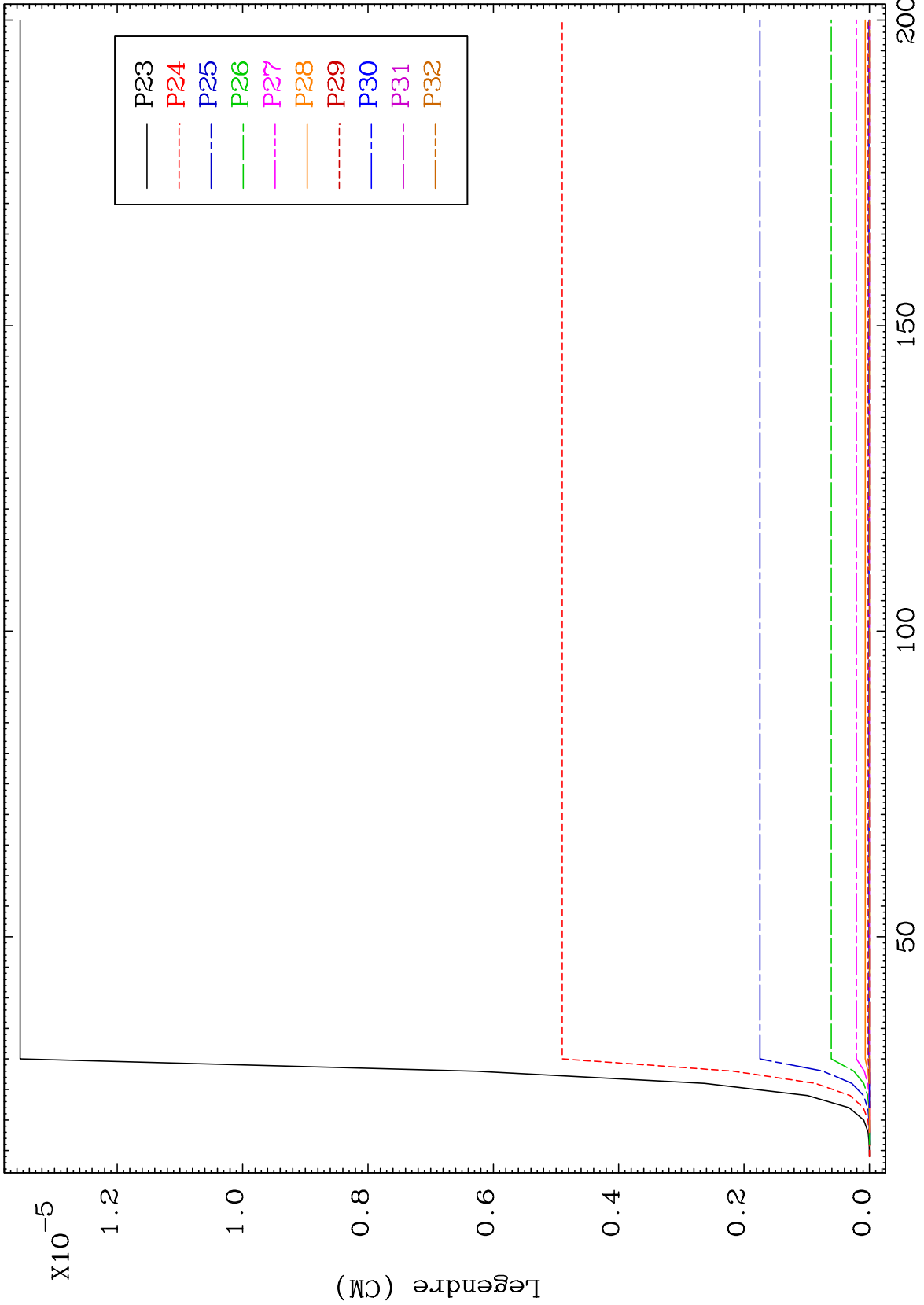


23

MAT 2637

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

26-Fe-58



24

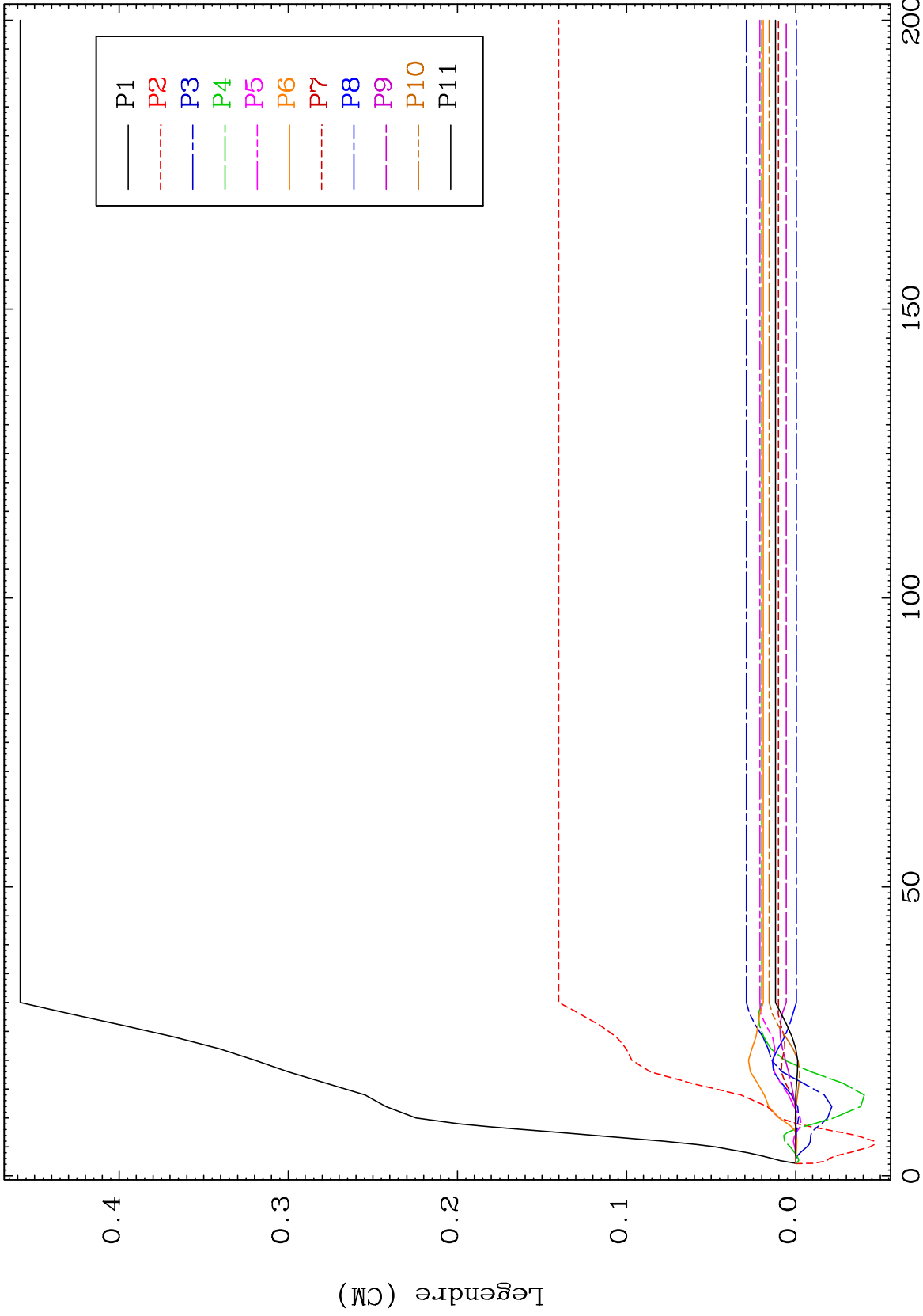
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



25

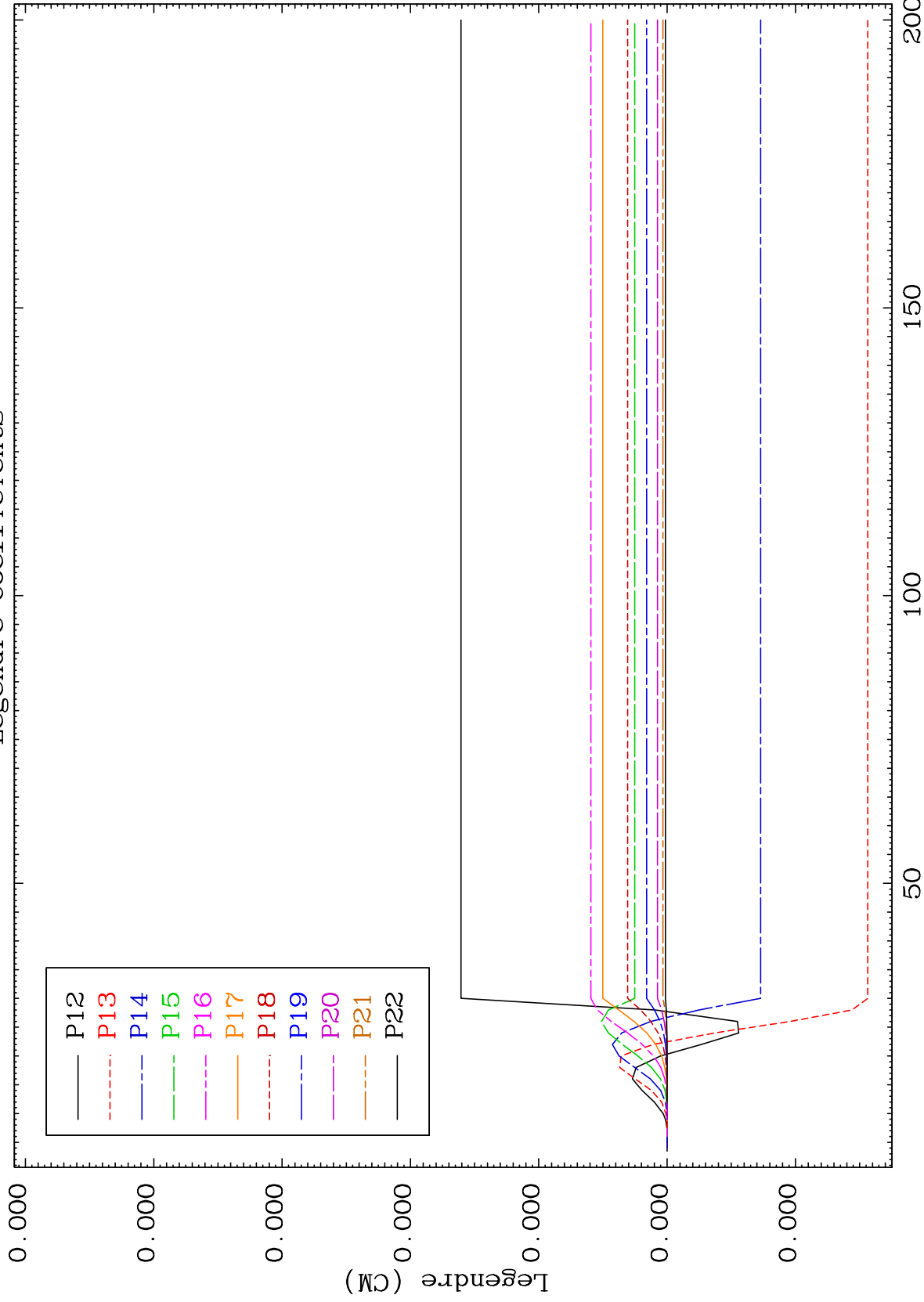
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



26

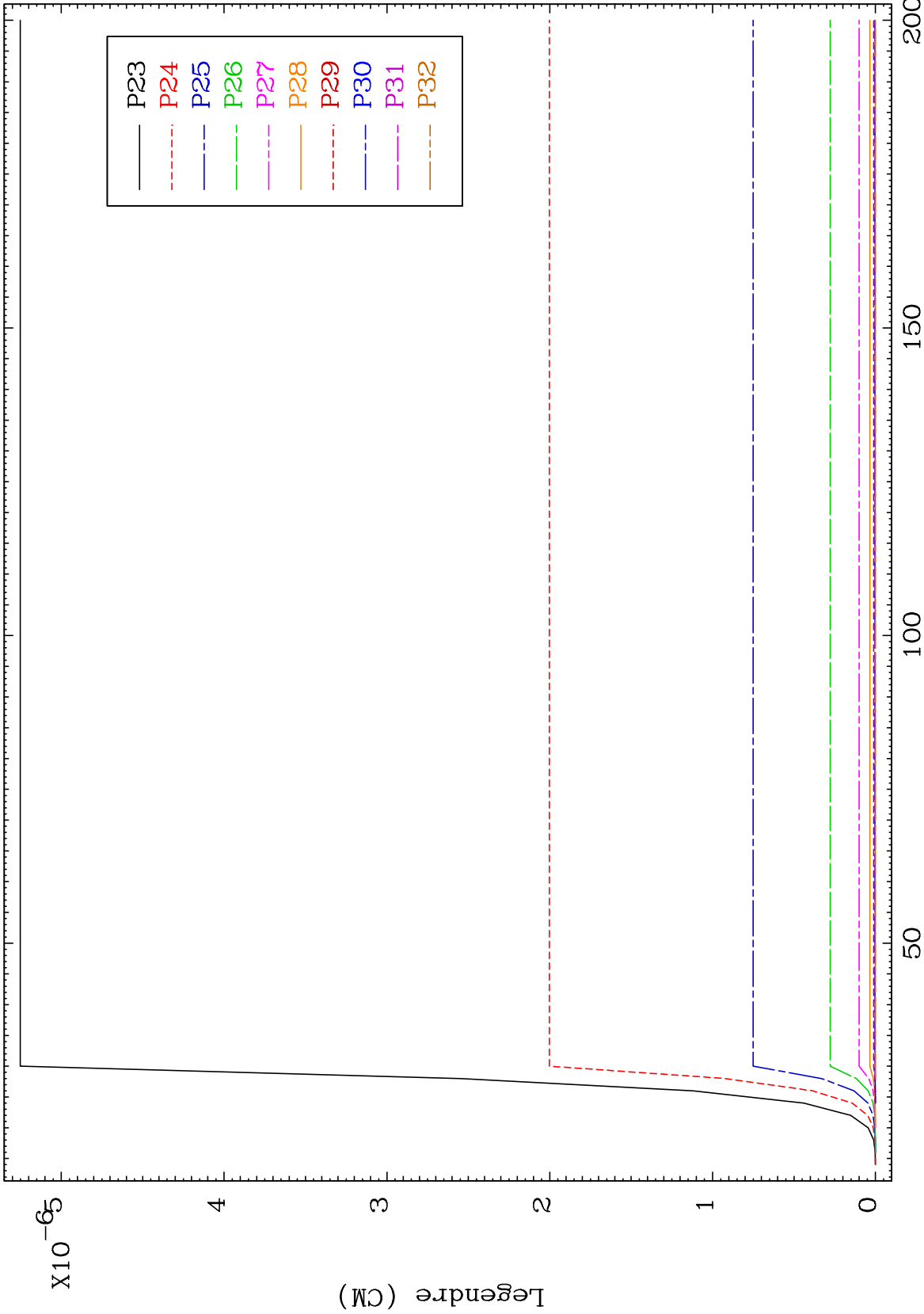
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



27

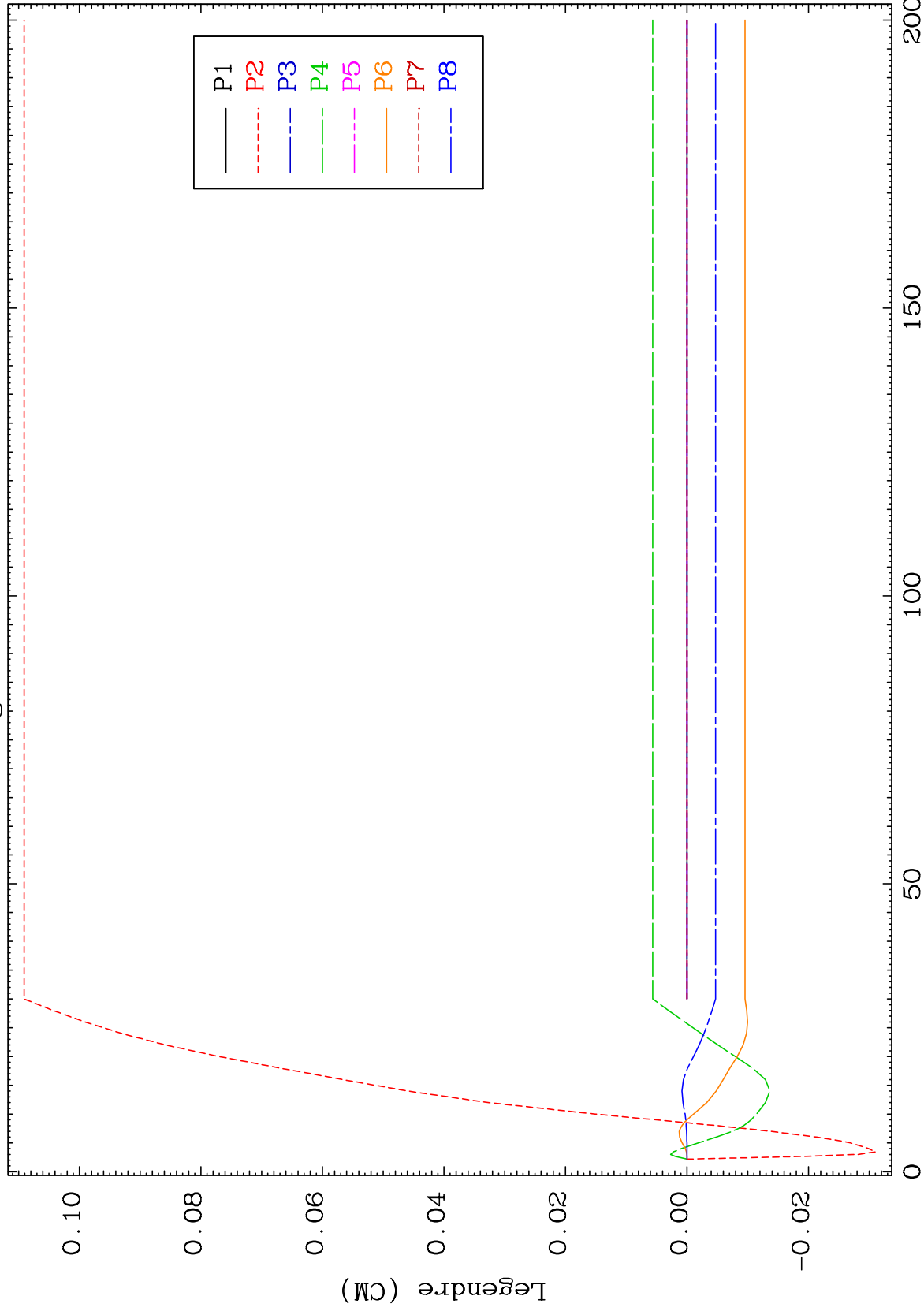
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



28

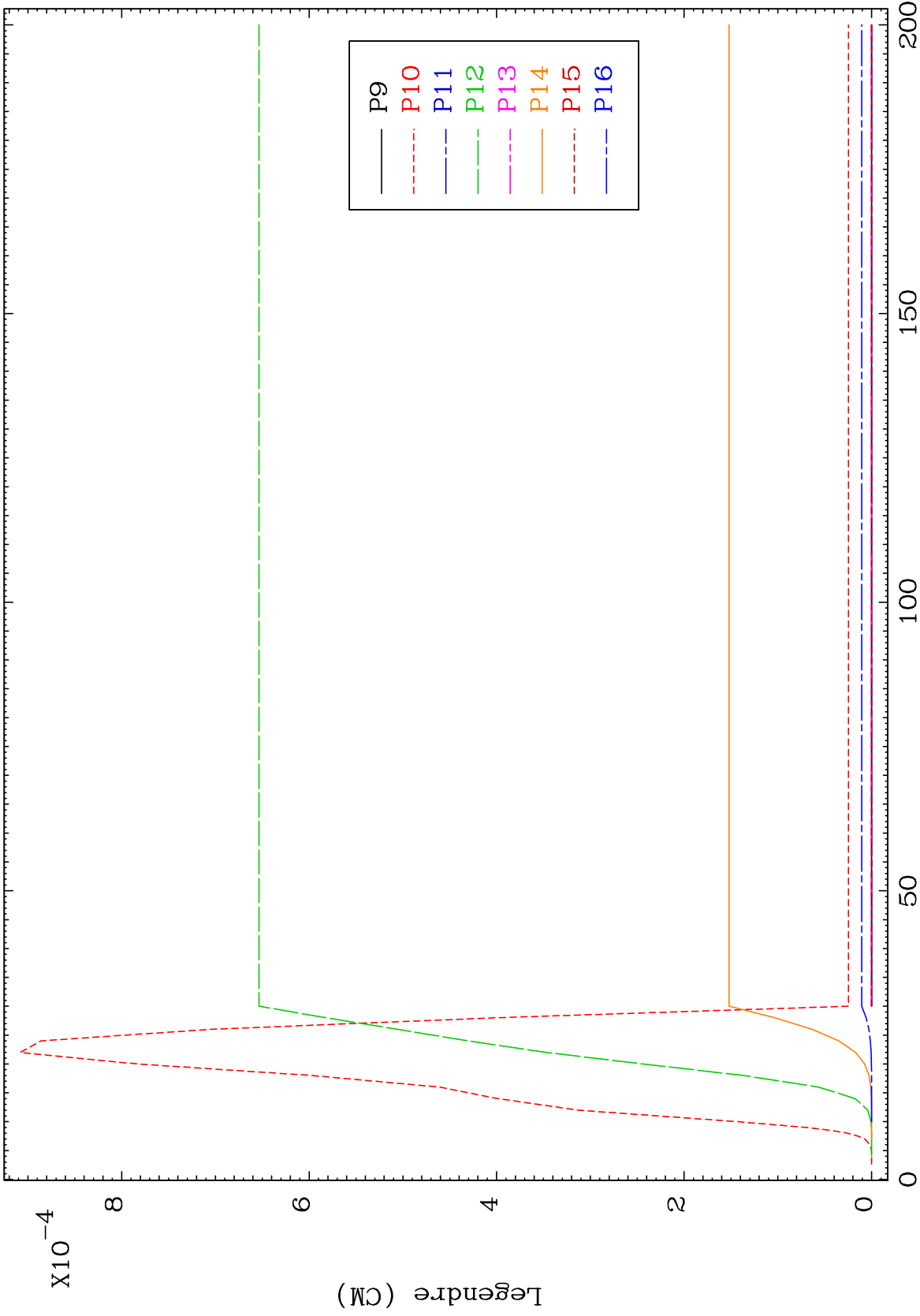
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



29

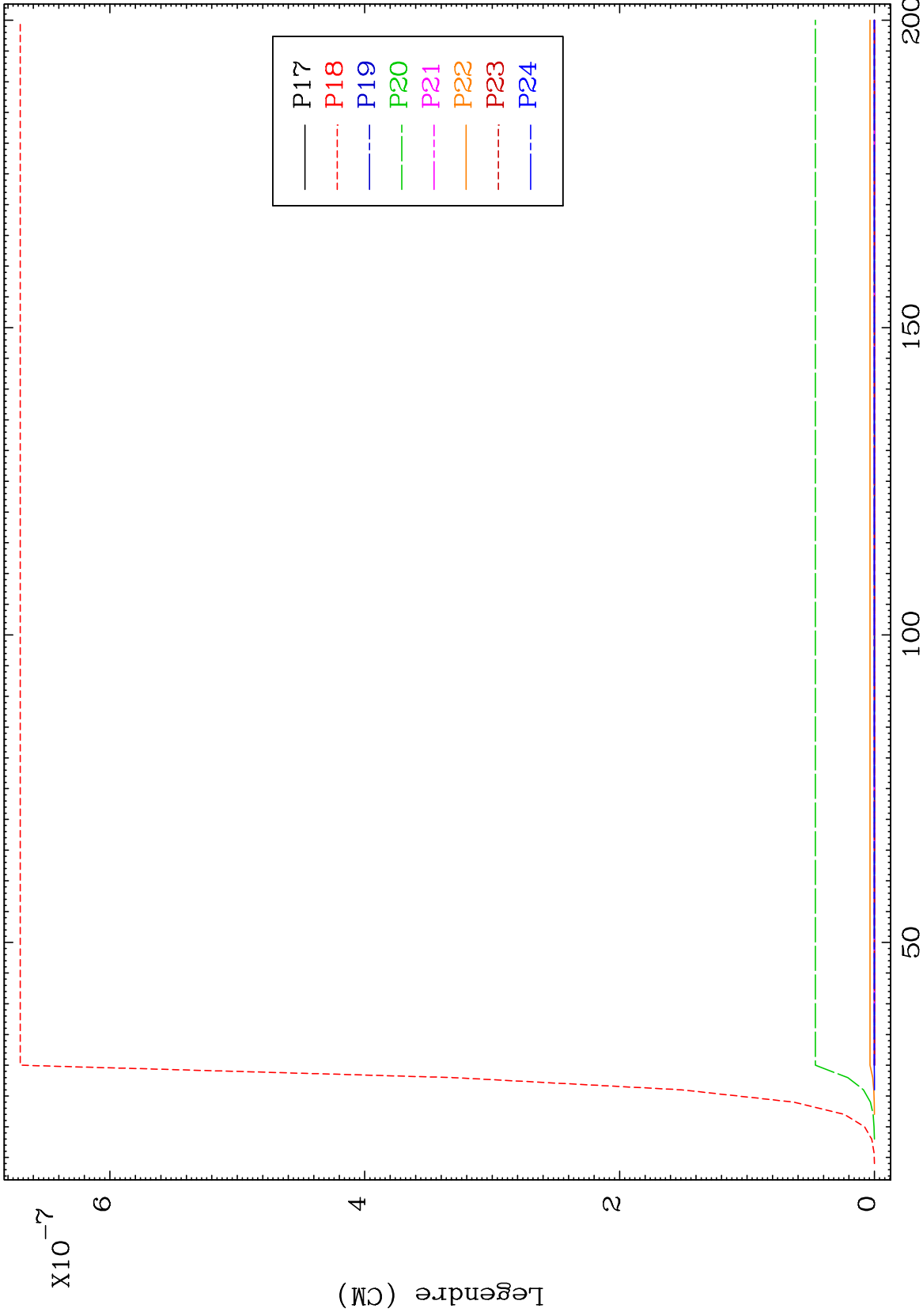
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



30

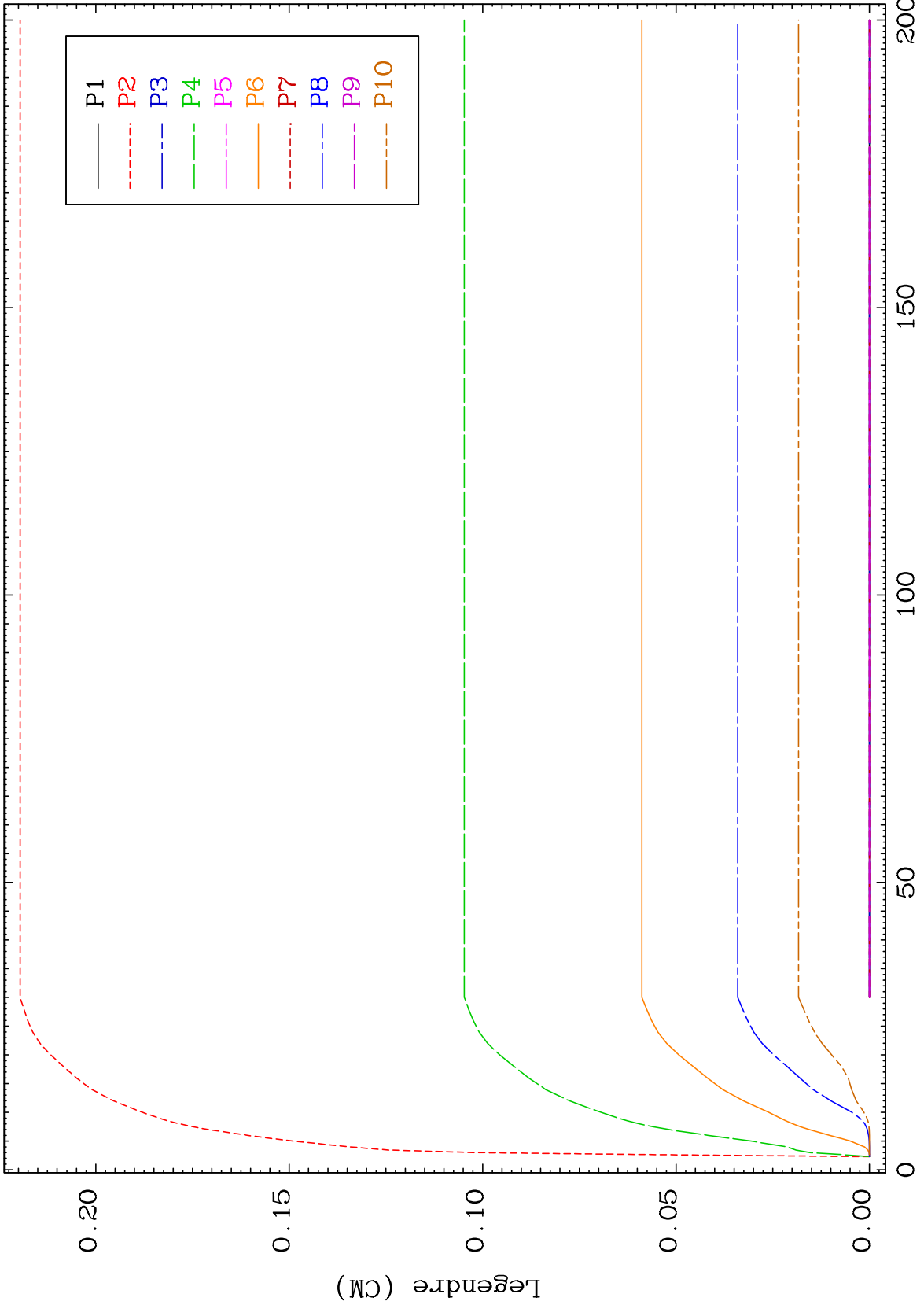
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



31

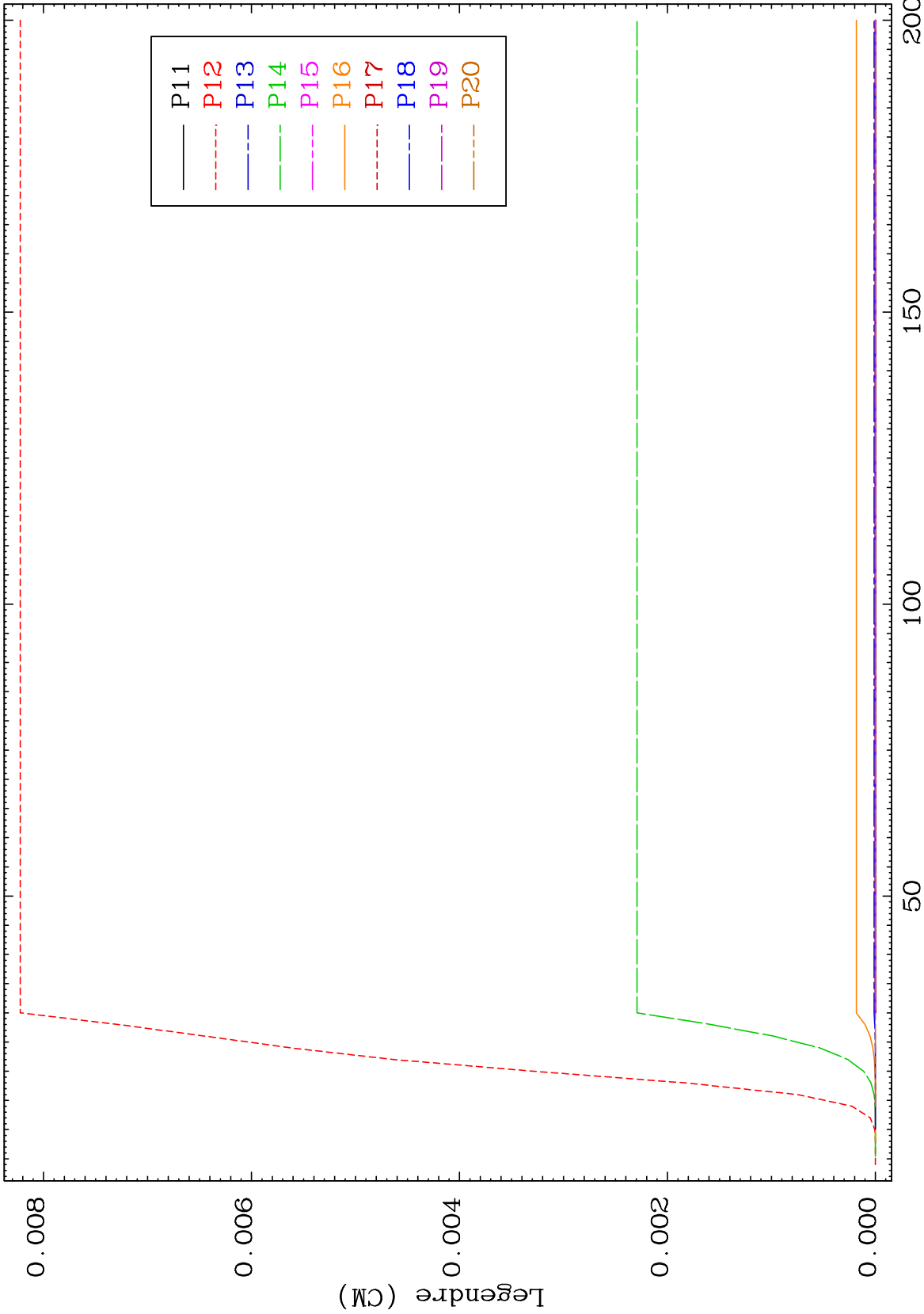
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58

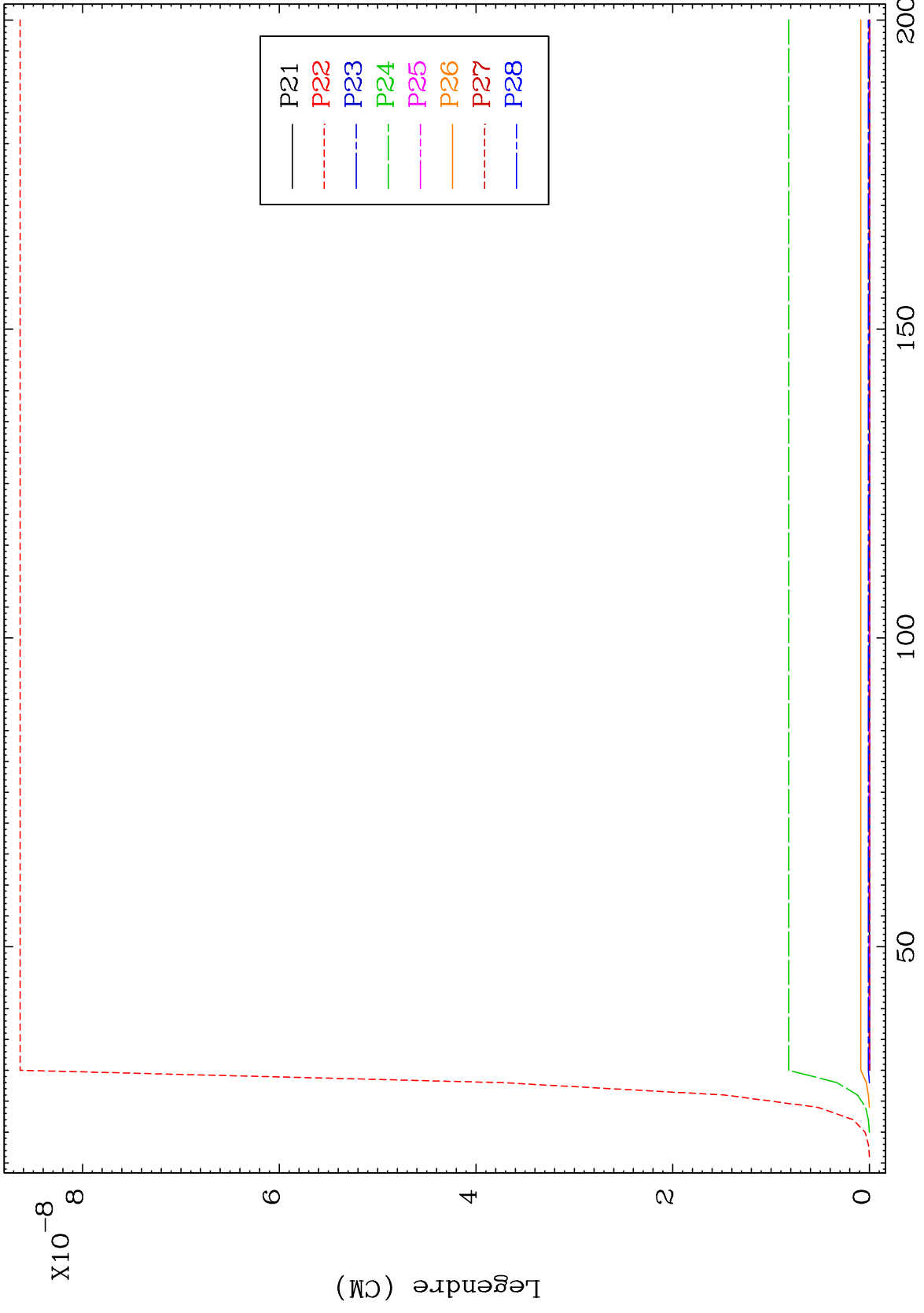


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Incident Energy (MeV)

26-Fe-58

MAT 2637 MT= 55 (n,n') Level Legendre Coefficients 26-Fe-58

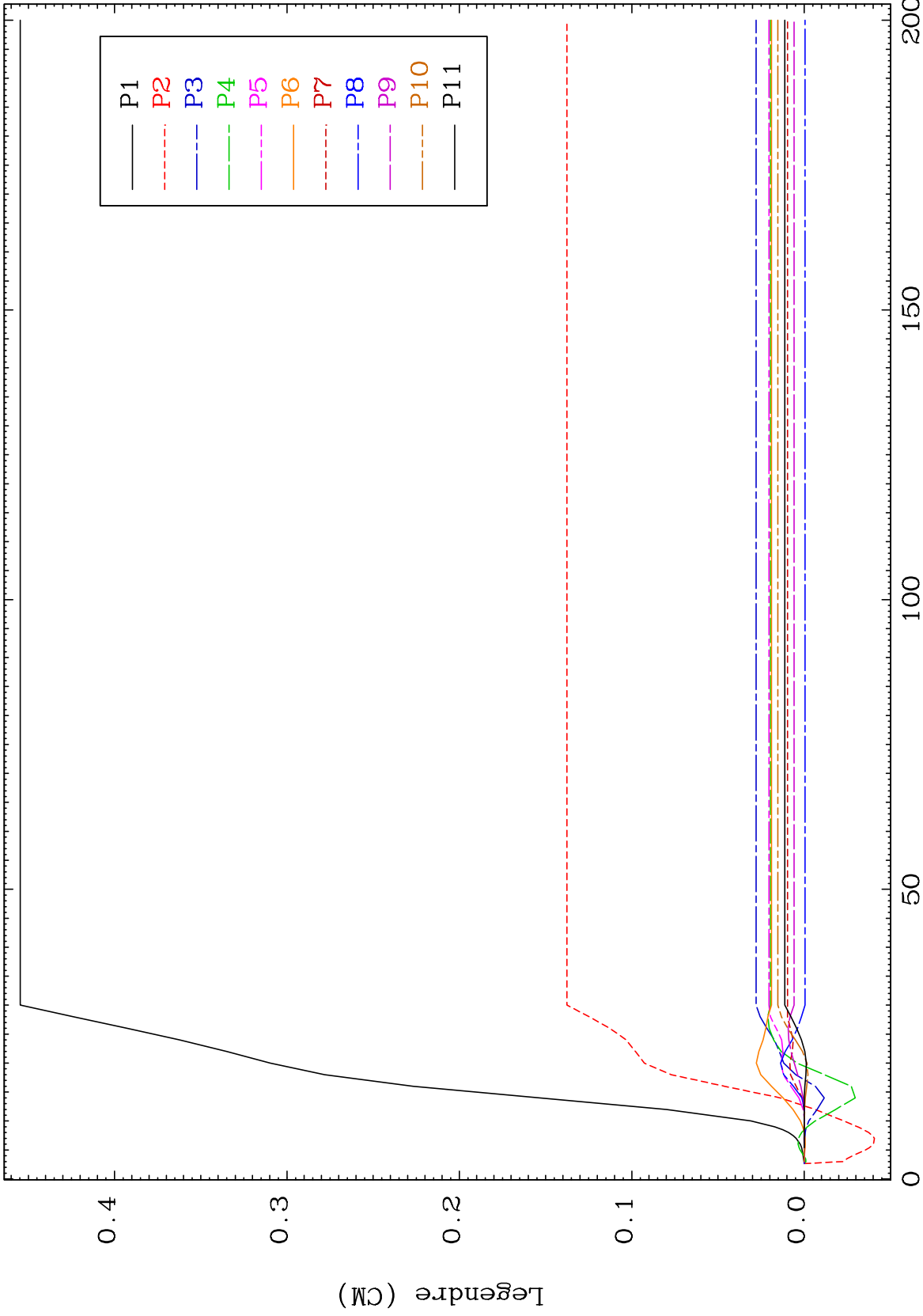


33 50 100 150 200 26-Fe-58

MAT 2637

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

26-Fe-58



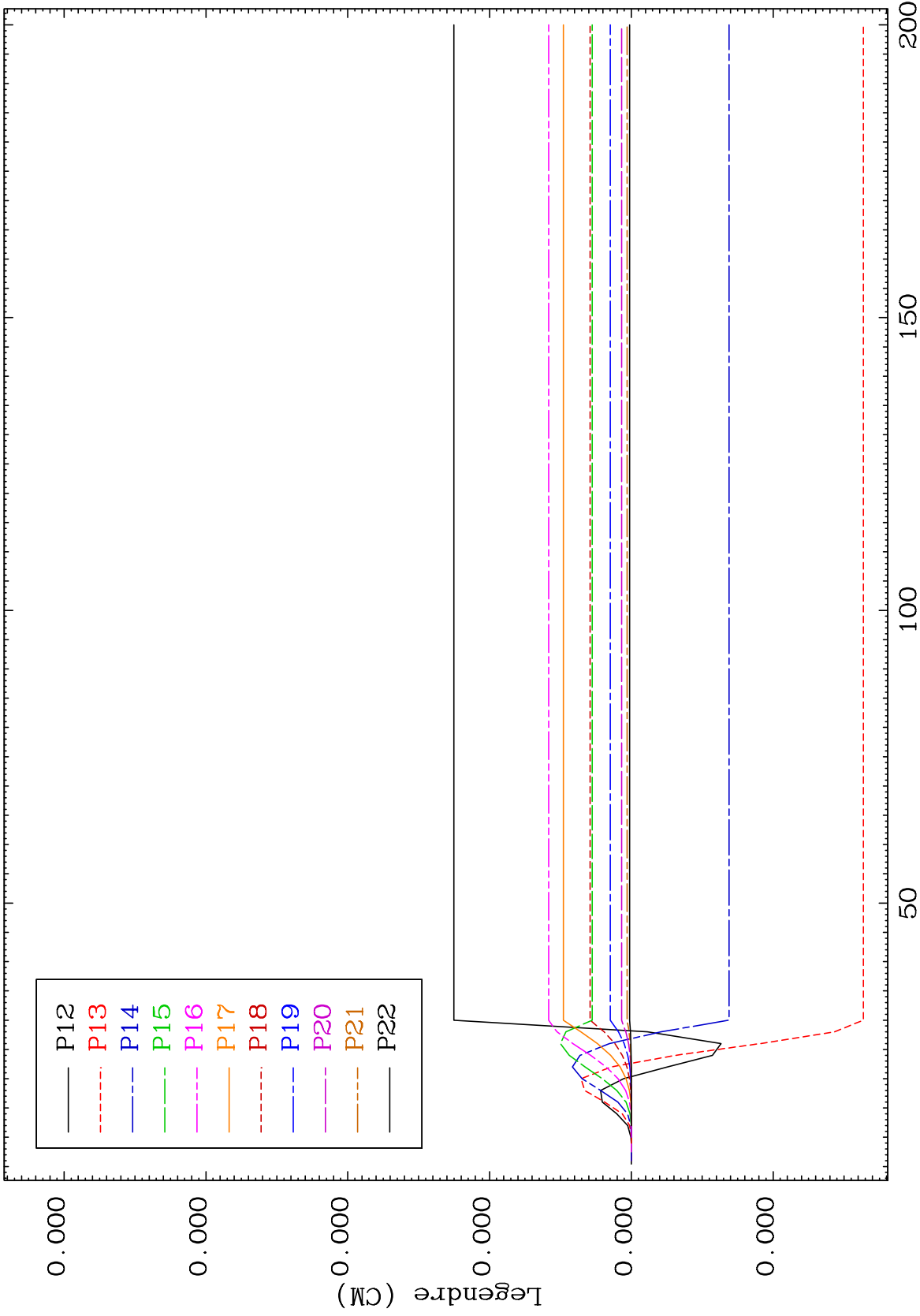
34

26-Fe-58

MAT 2637

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

²⁶Fe-58



35

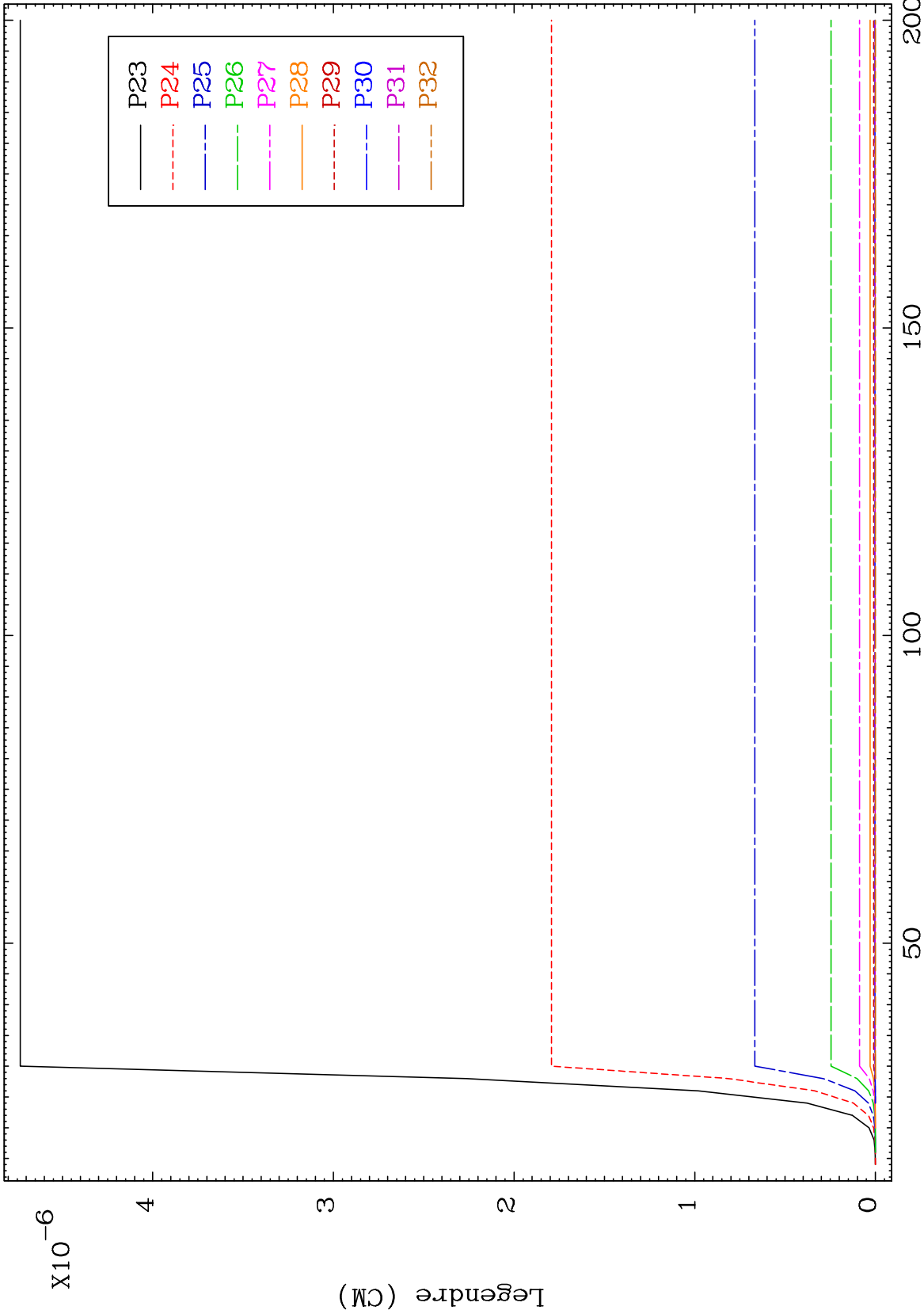
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

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

26-Fe-58



36

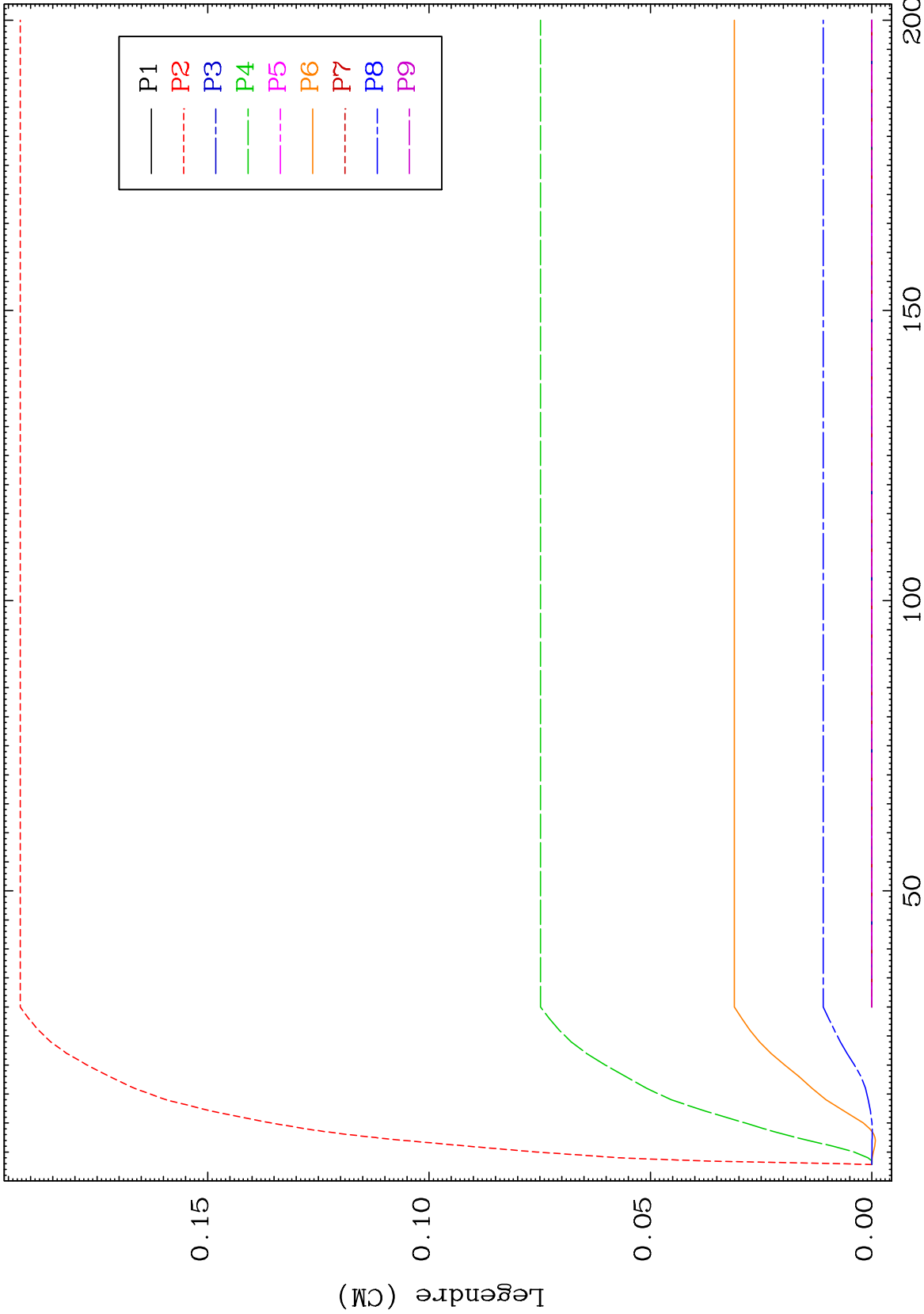
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



37

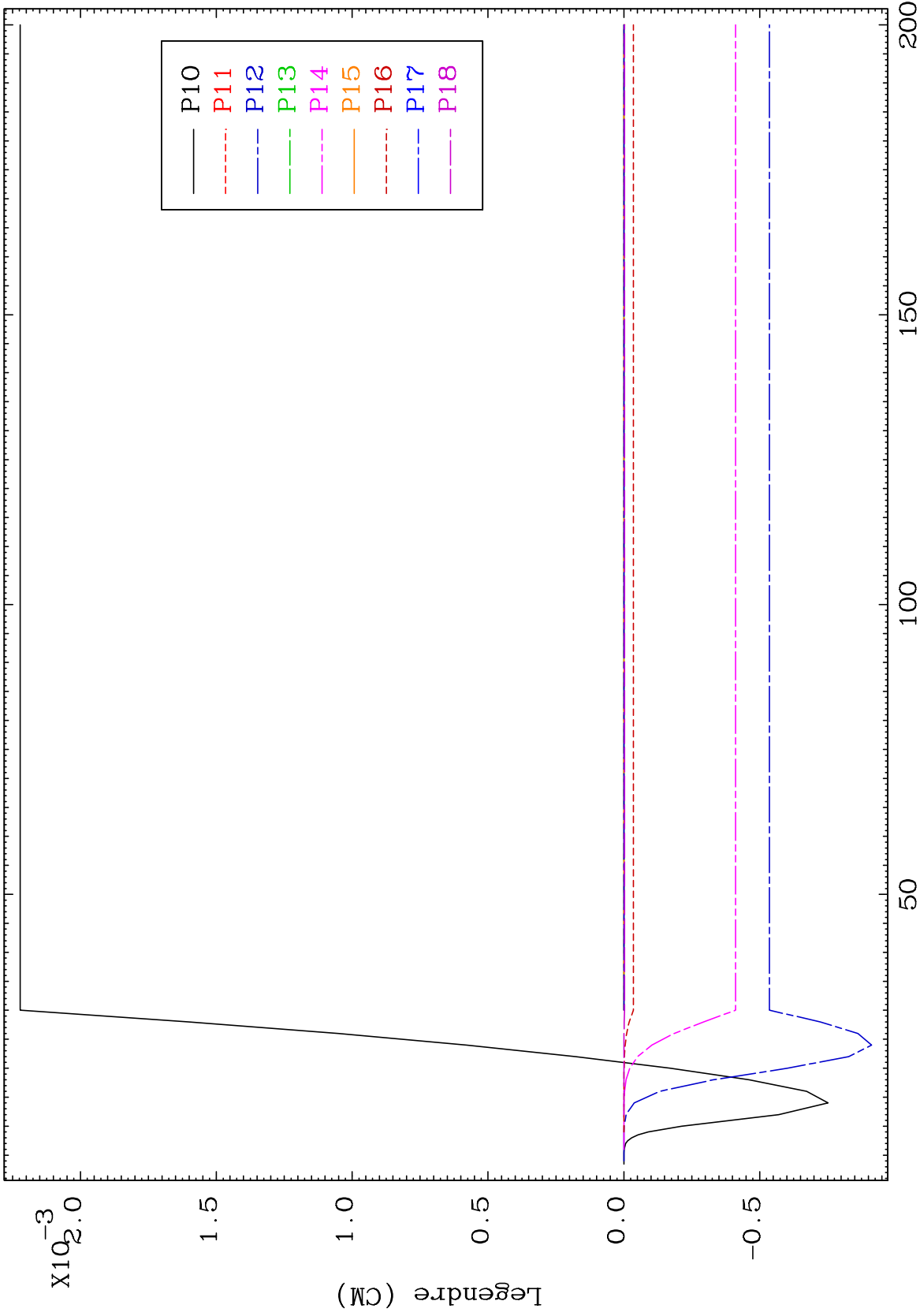
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58

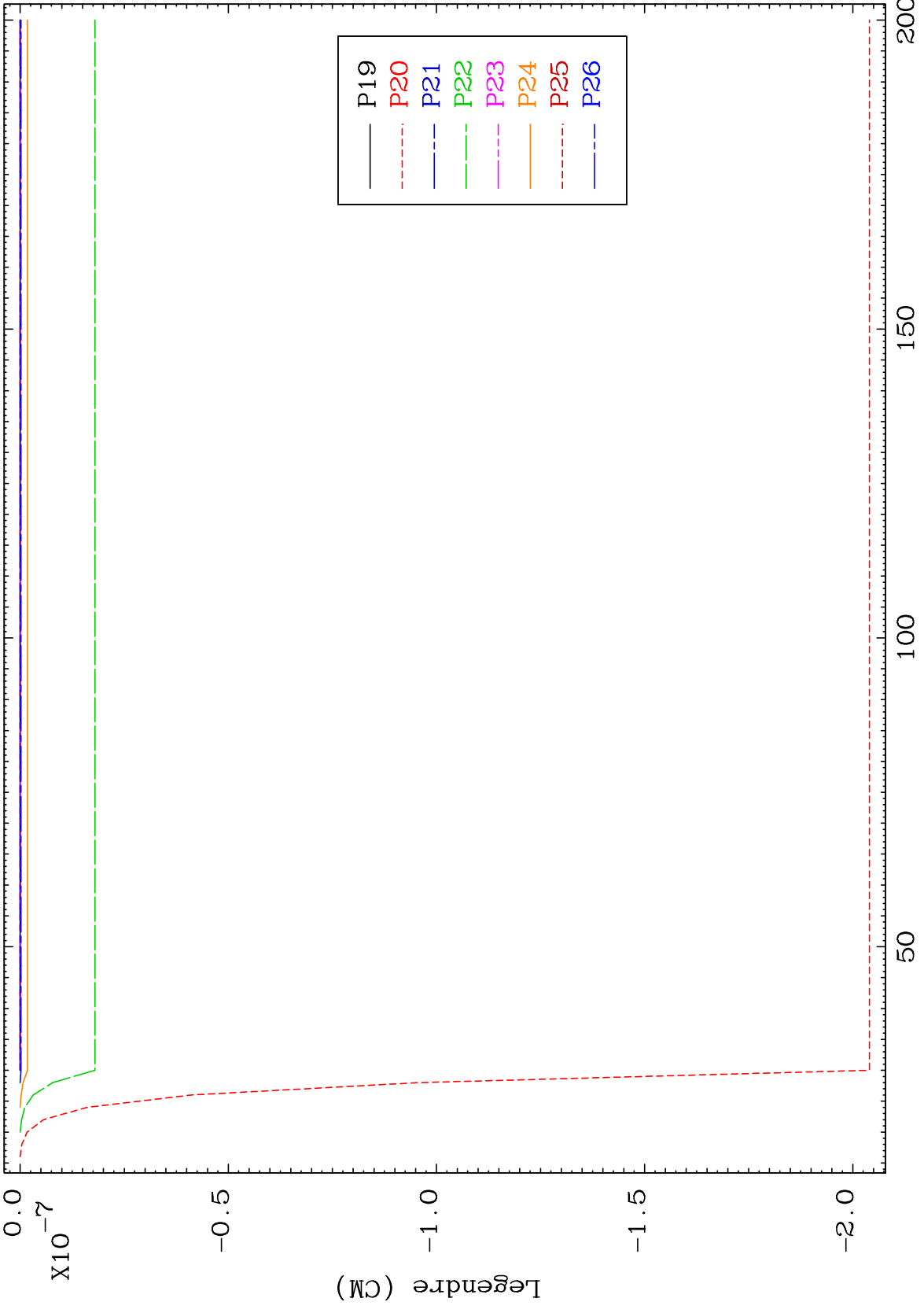


38

Incident Energy (MeV)

26-Fe-58

MAT 2637 MT= 57 (n,n') Level Legendre Coefficients 26-Fe-58

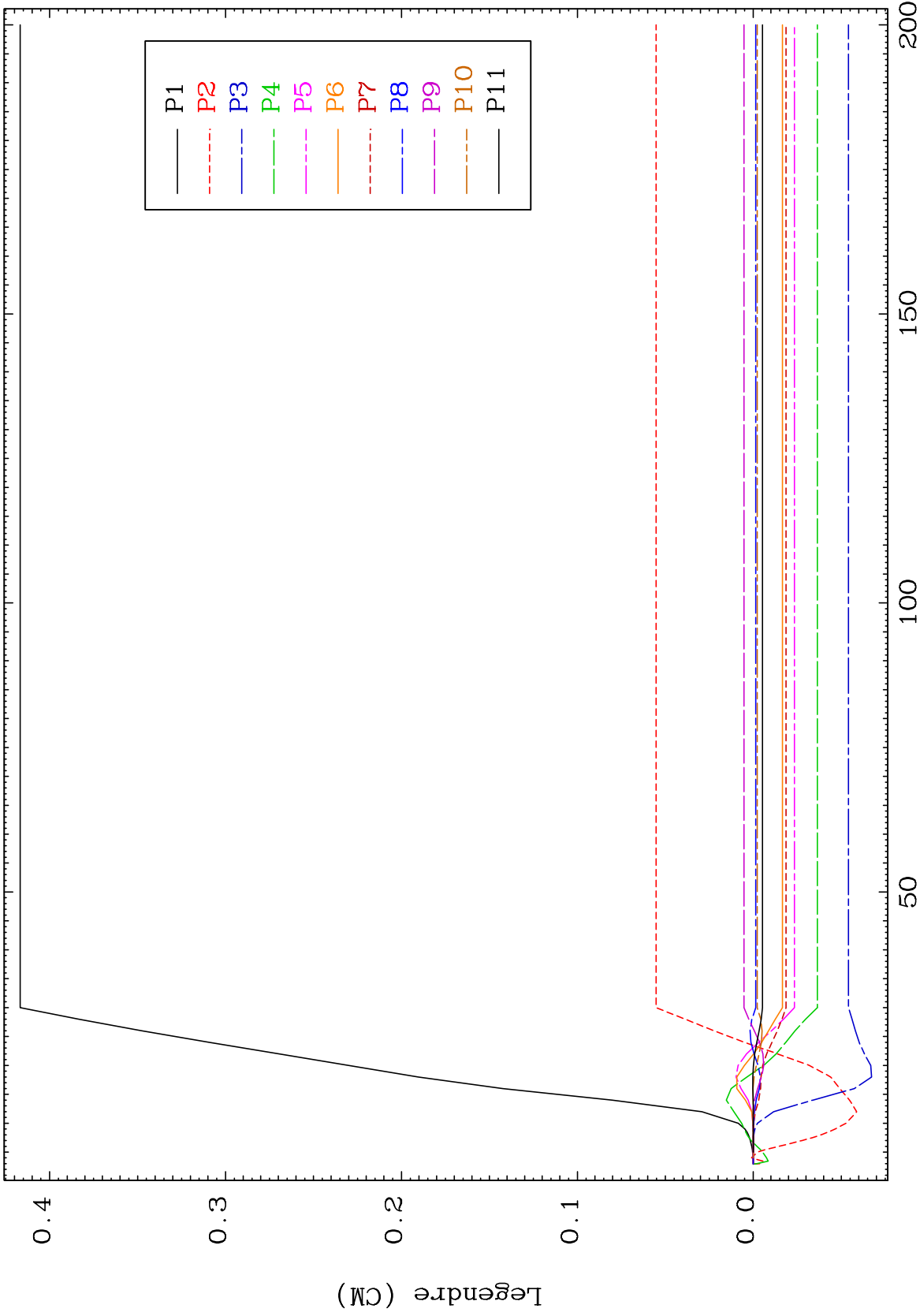


39 Incident Energy (MeV) 200 26-Fe-58

MAT 2637

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

26-Fe-58



40

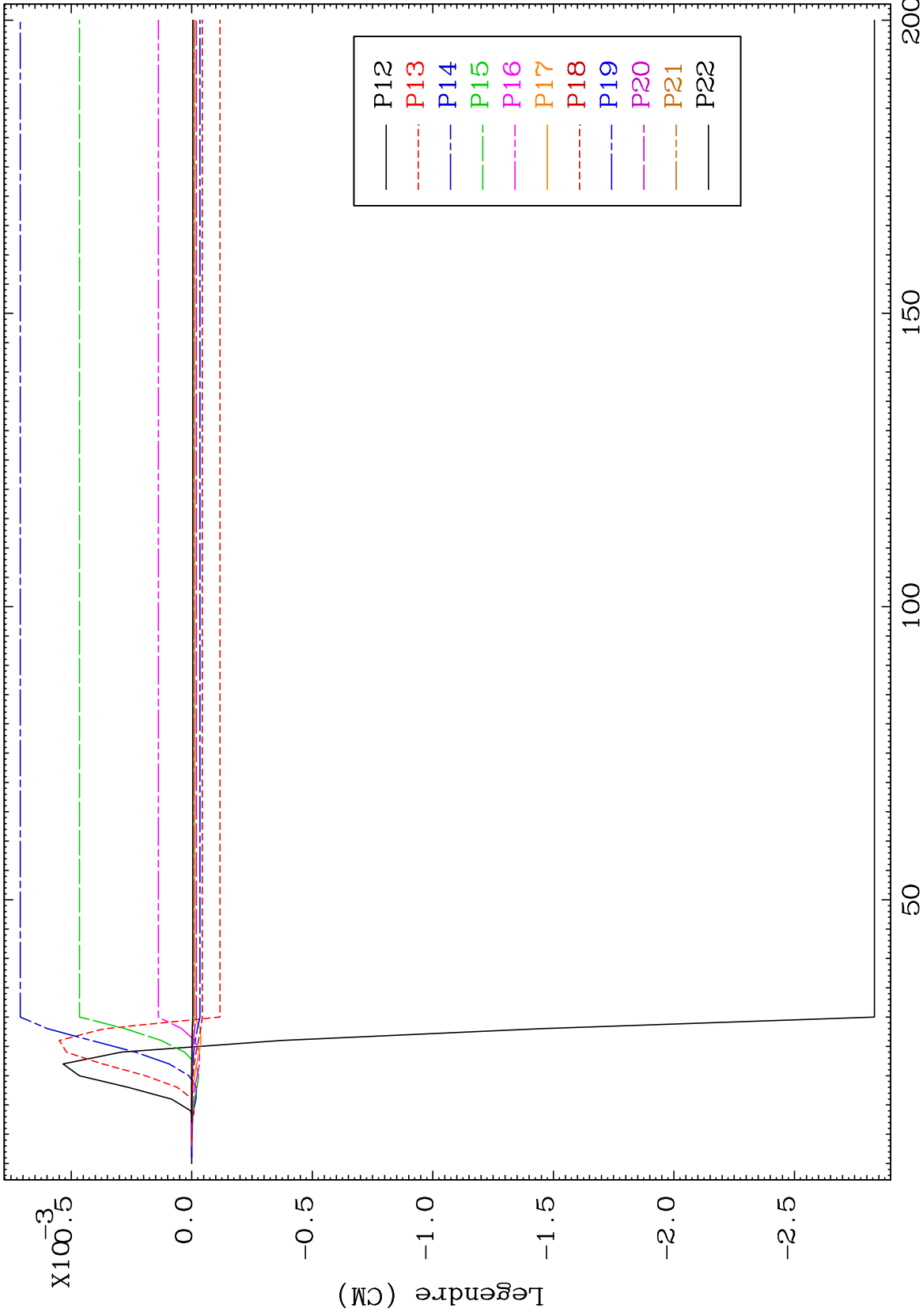
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

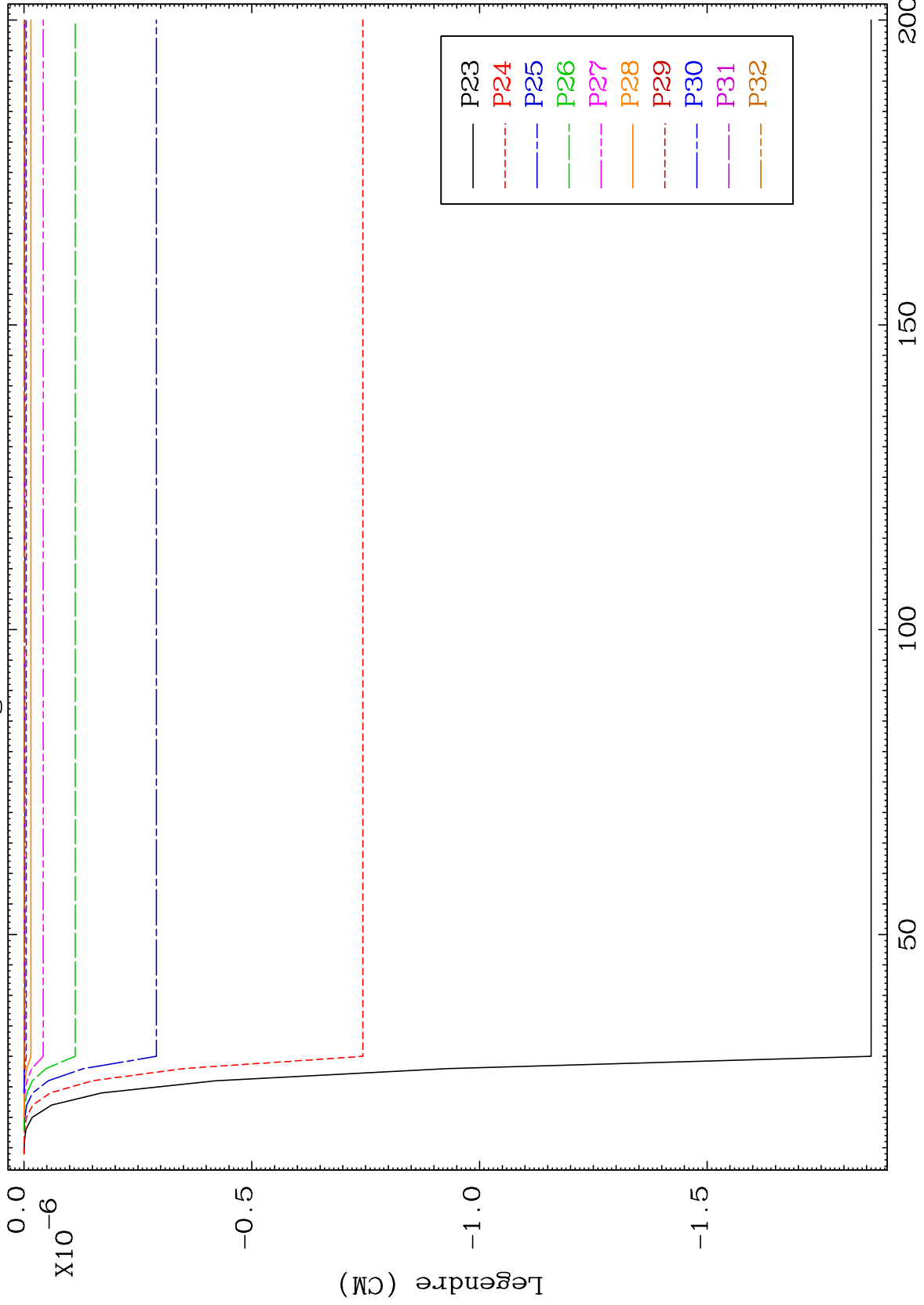
26-Fe-58



MAT 2637

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

26-Fe-58



26-Fe-58

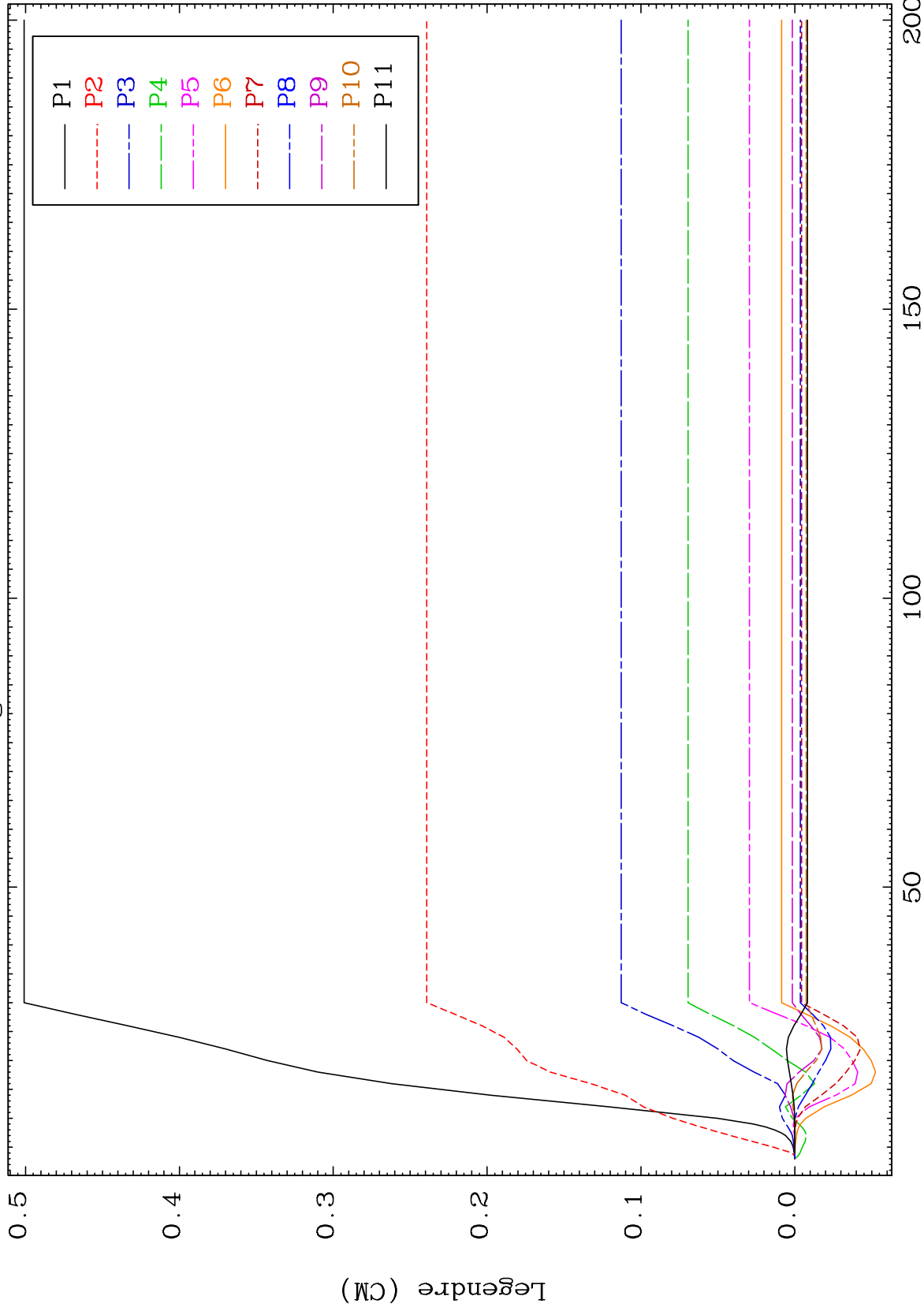
Incident Energy (MeV)

42

MAT 2637

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

26-Fe-58



43

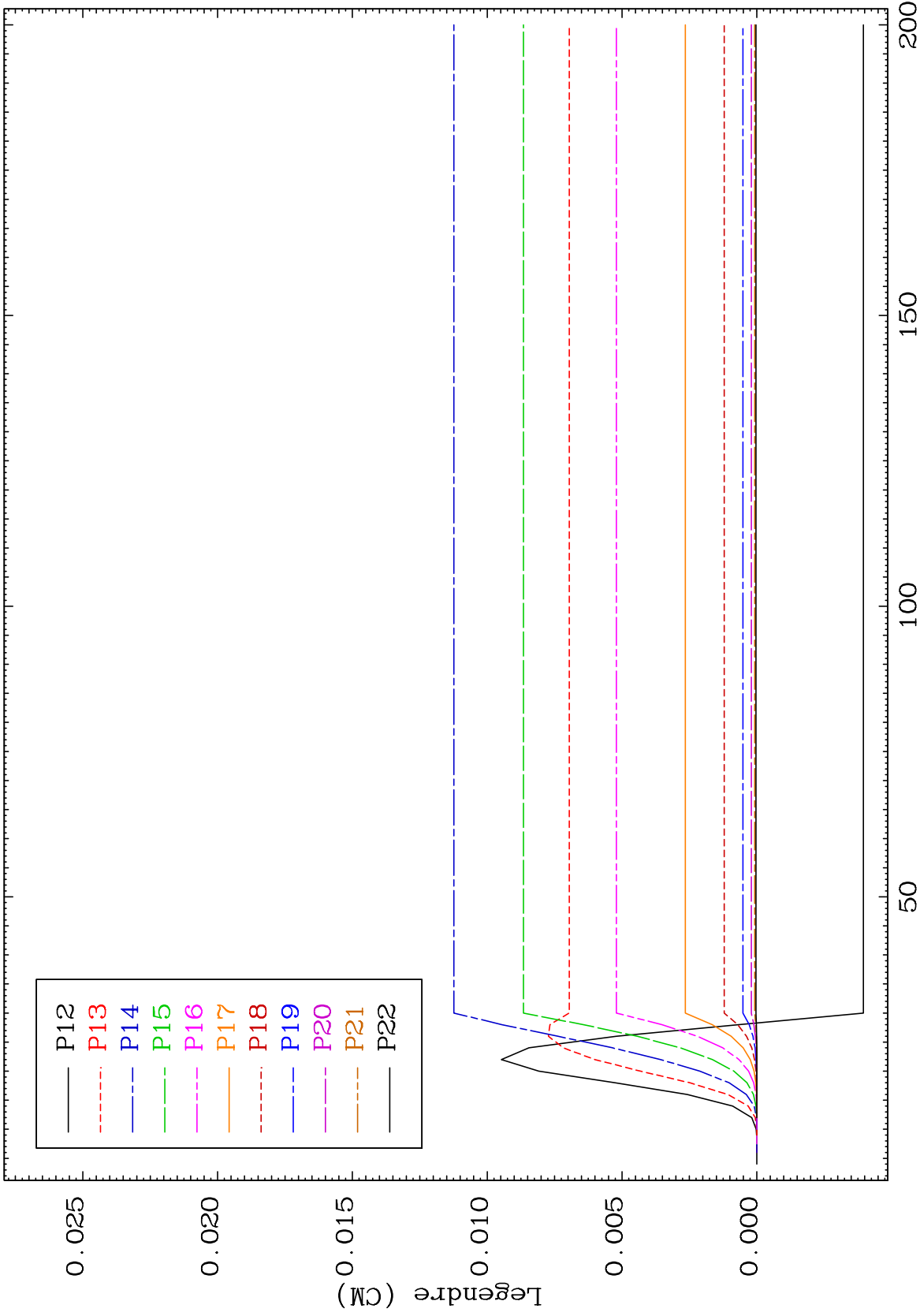
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

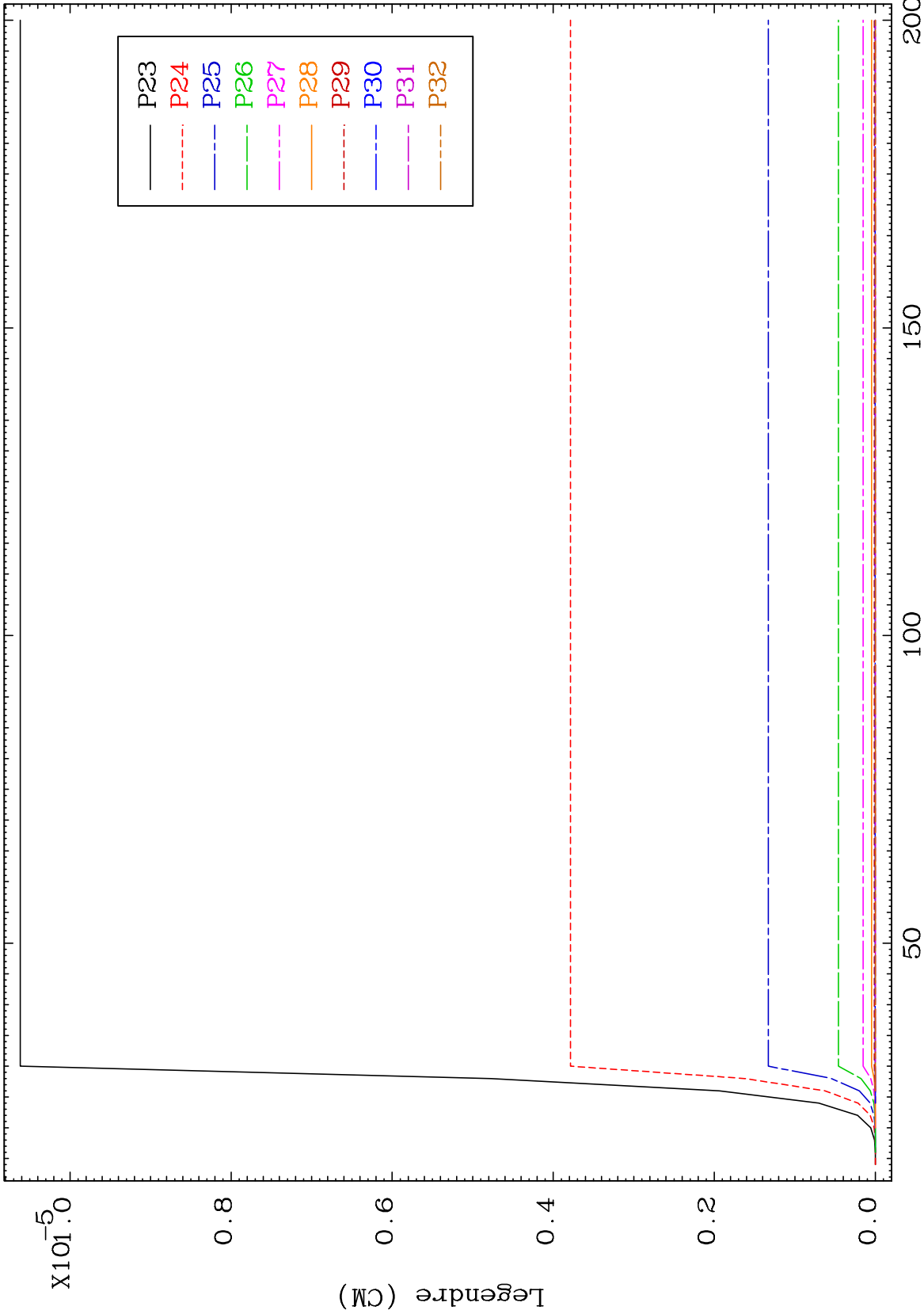
²⁶Fe-58



MAT 2637

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

26-Fe-58



45

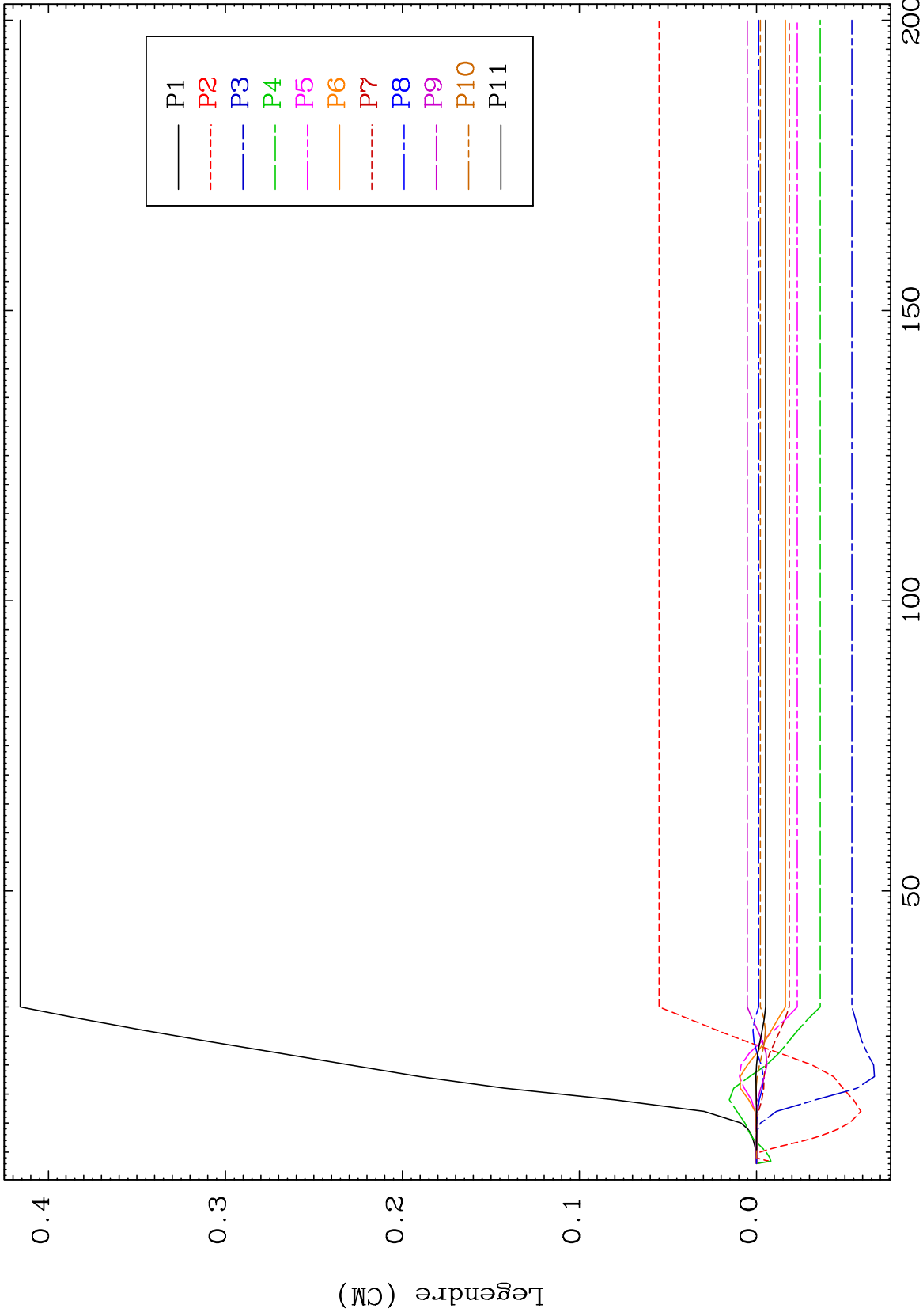
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



46

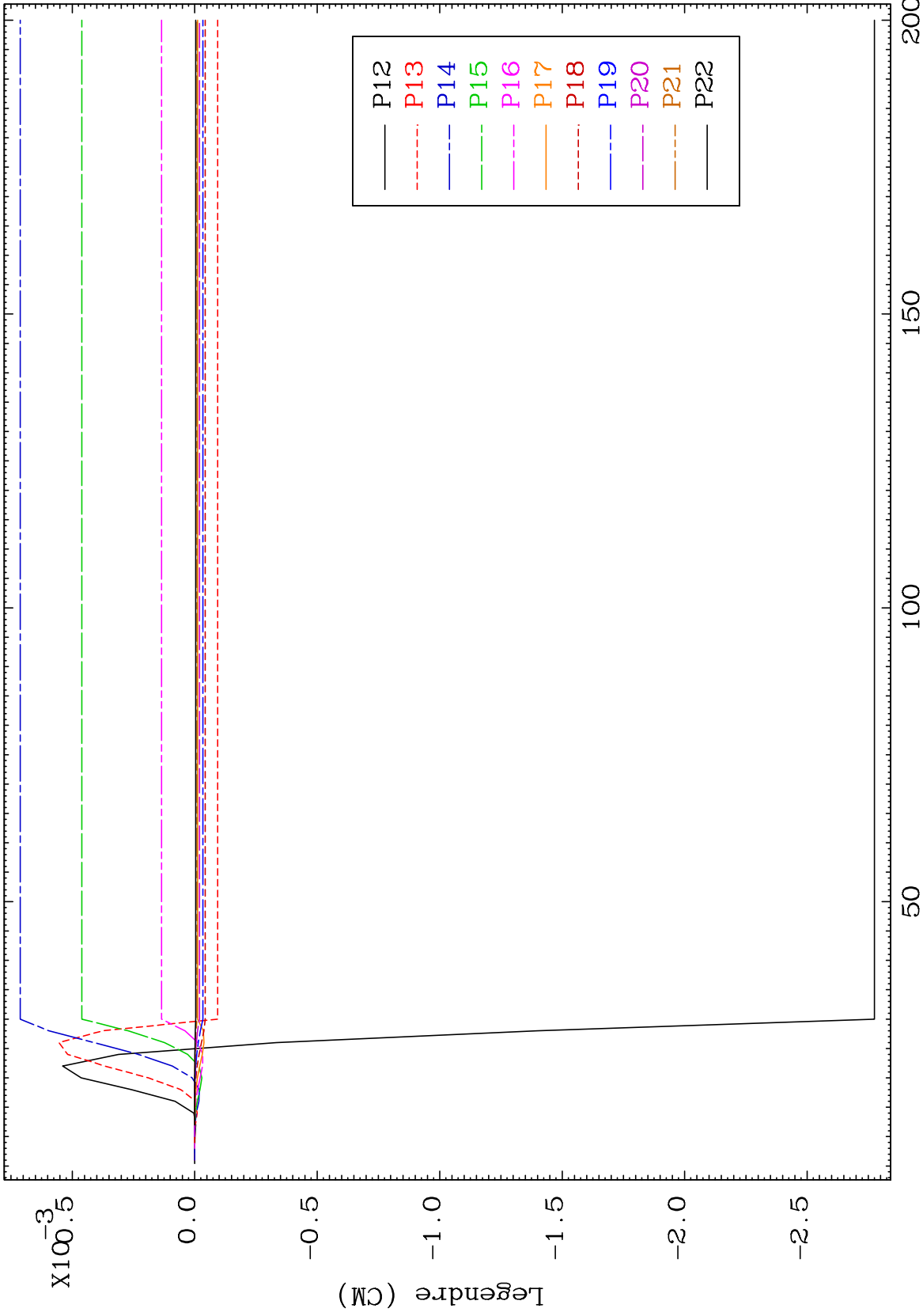
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



47

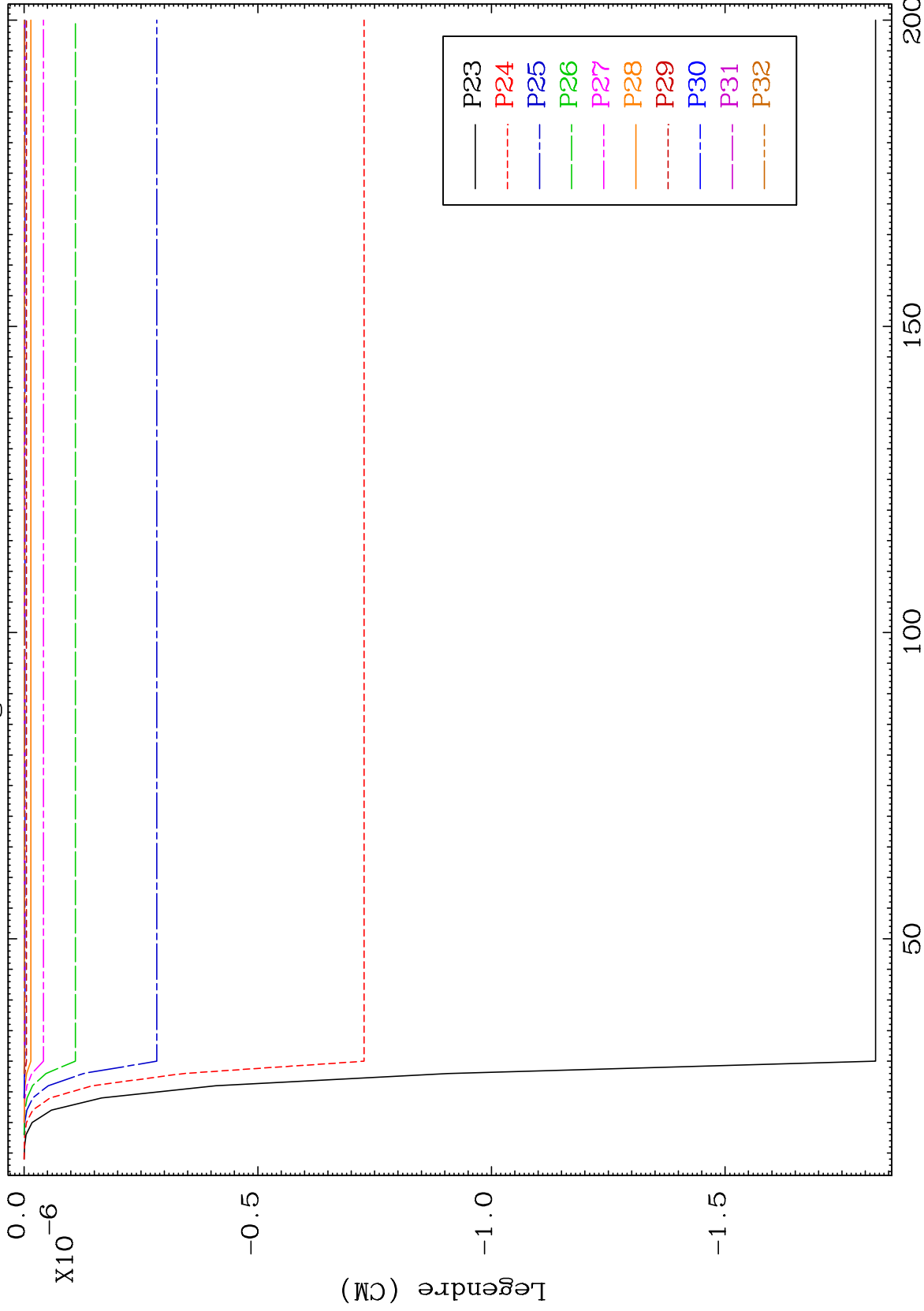
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



26-Fe-58

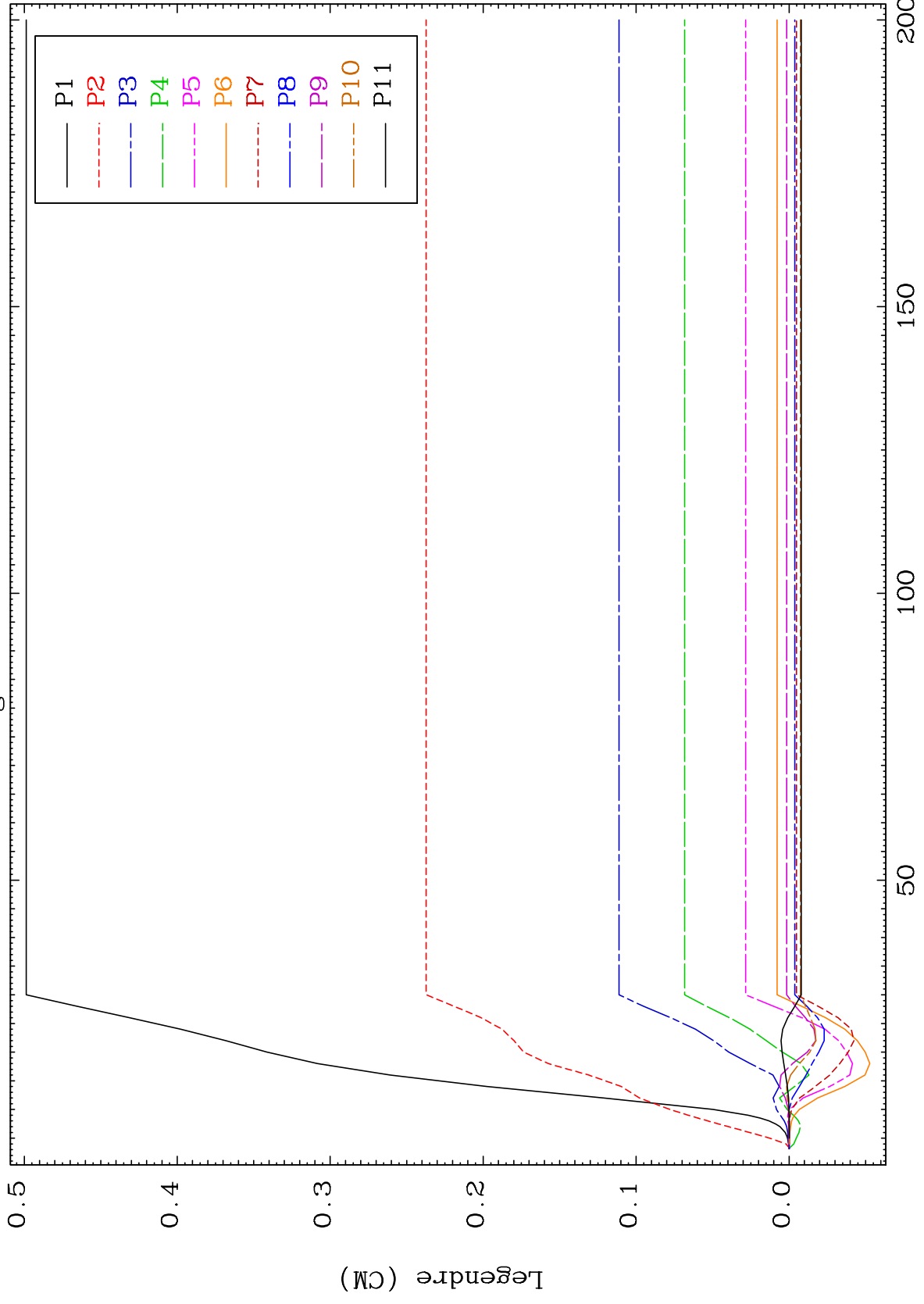
Incident Energy (MeV)

48

MAT 2637

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

26-Fe-58



49

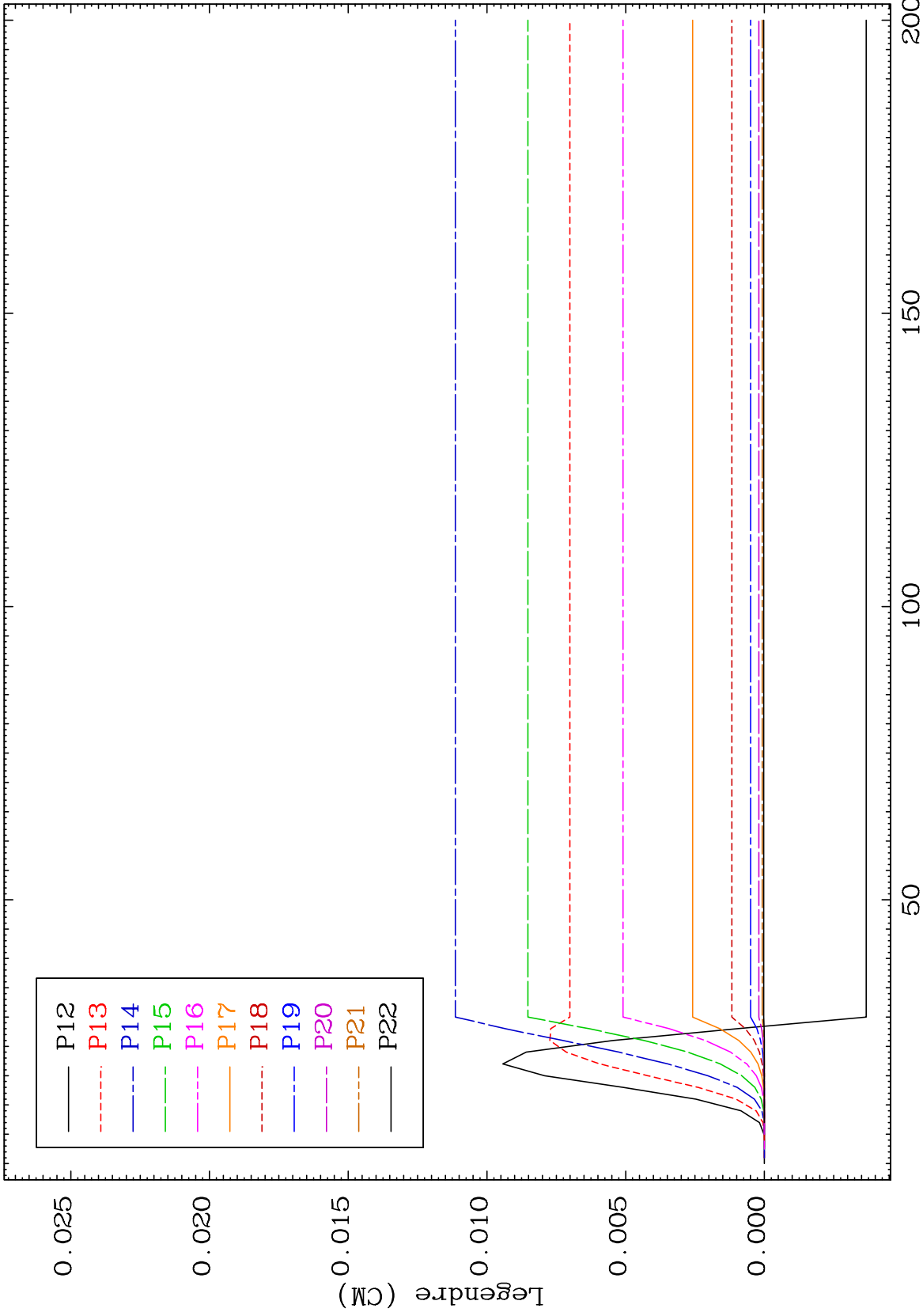
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



50

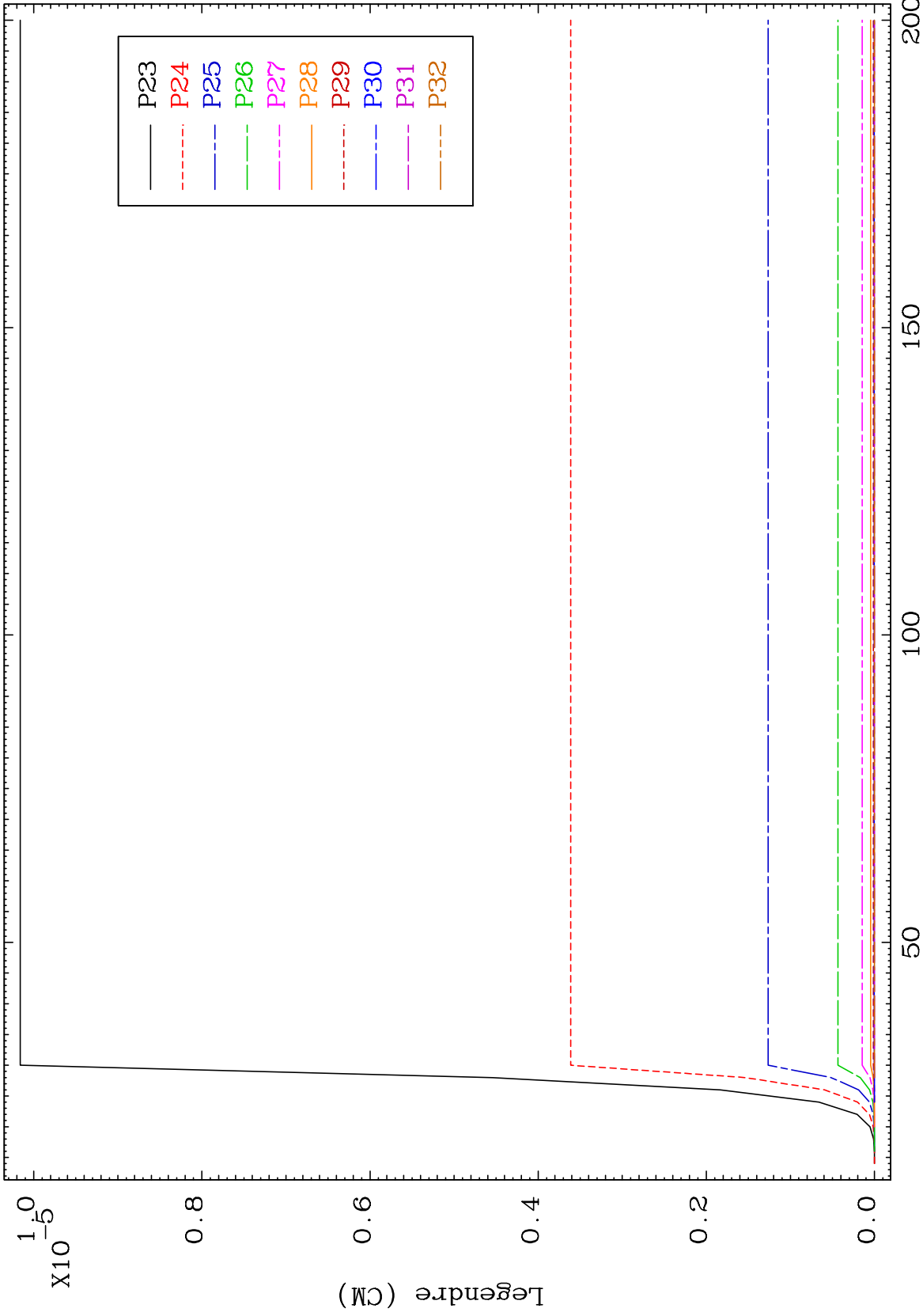
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



51

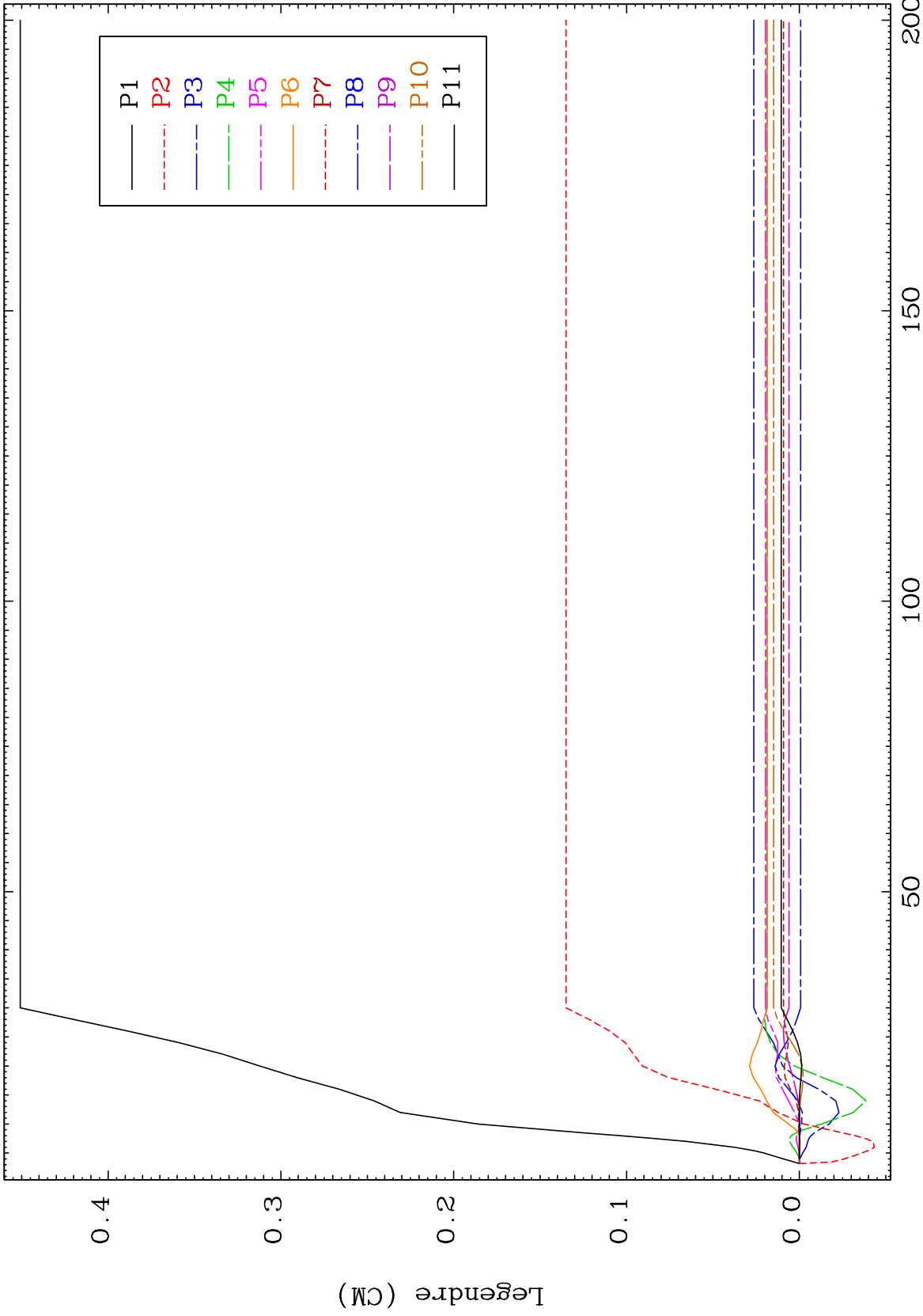
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



52

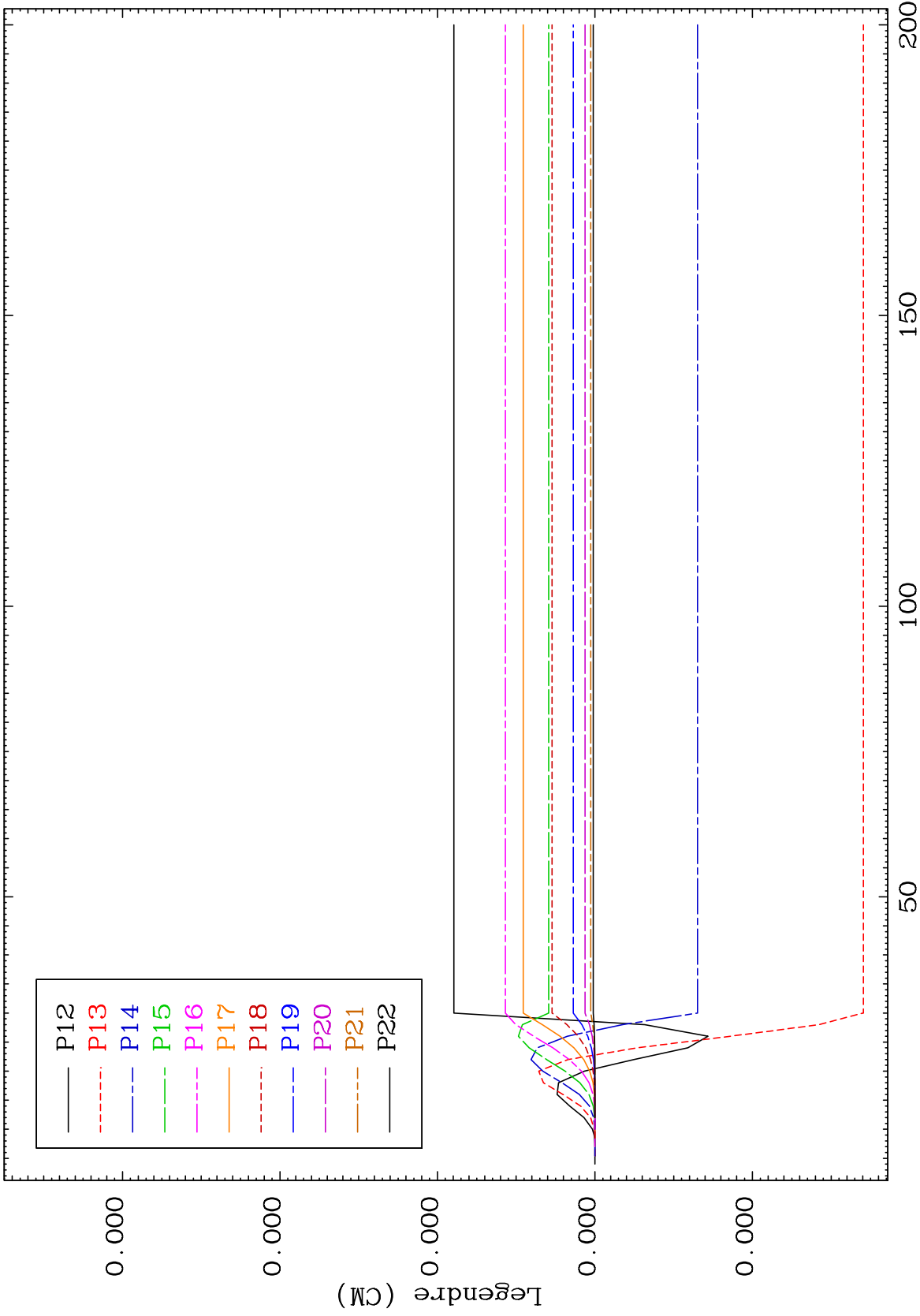
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

²⁶Fe-58



53

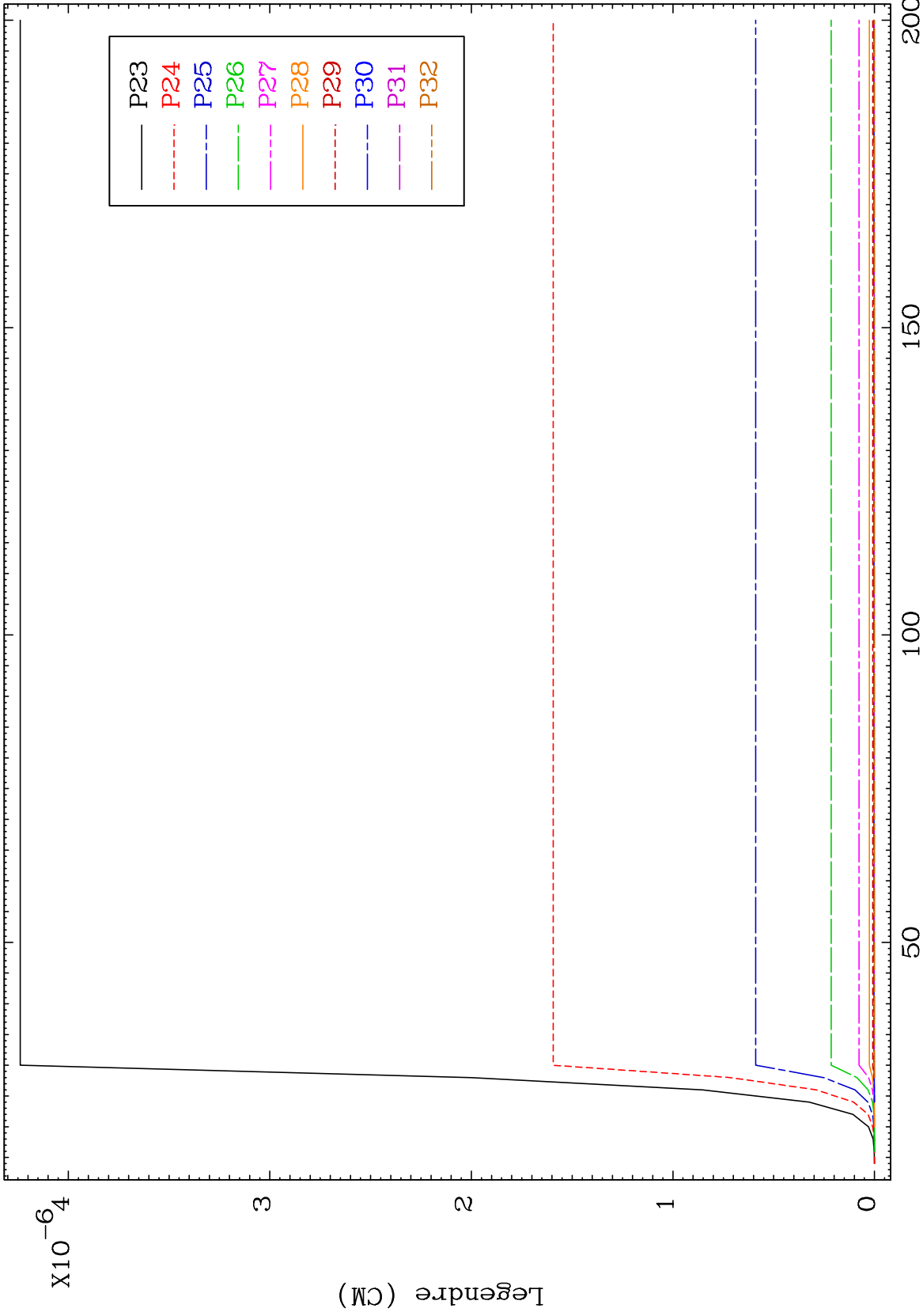
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

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

26-Fe-58



54

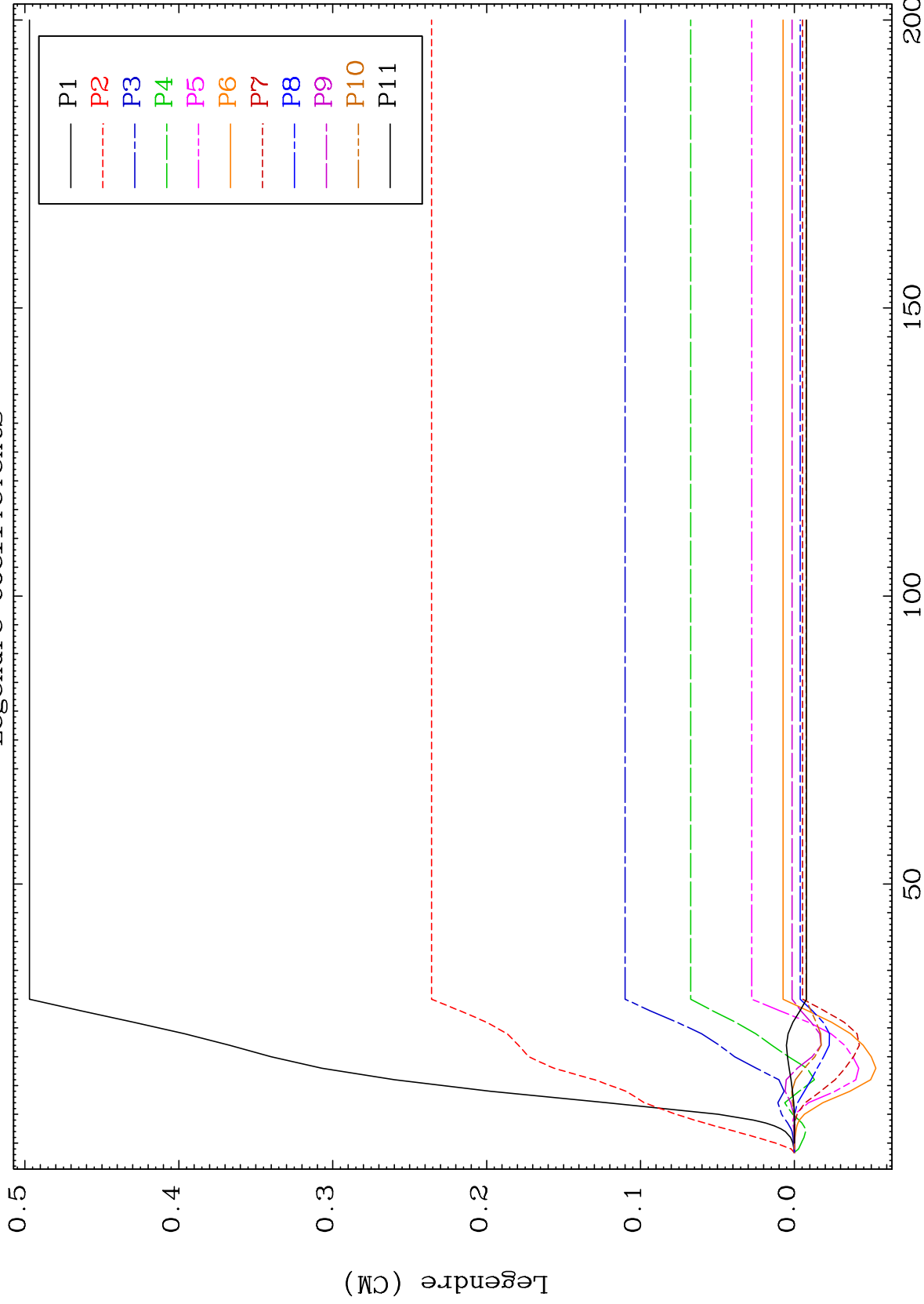
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



55

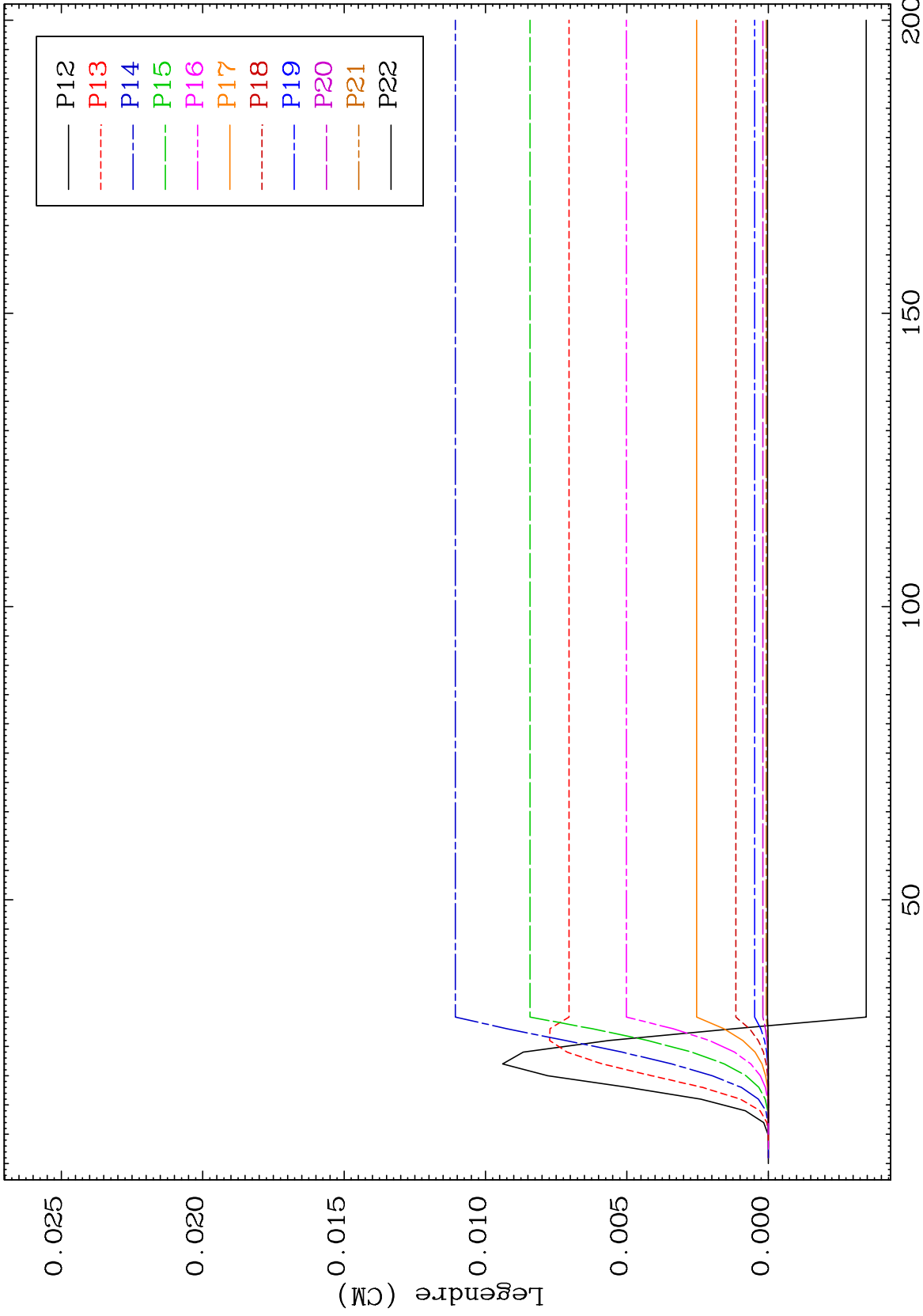
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



56

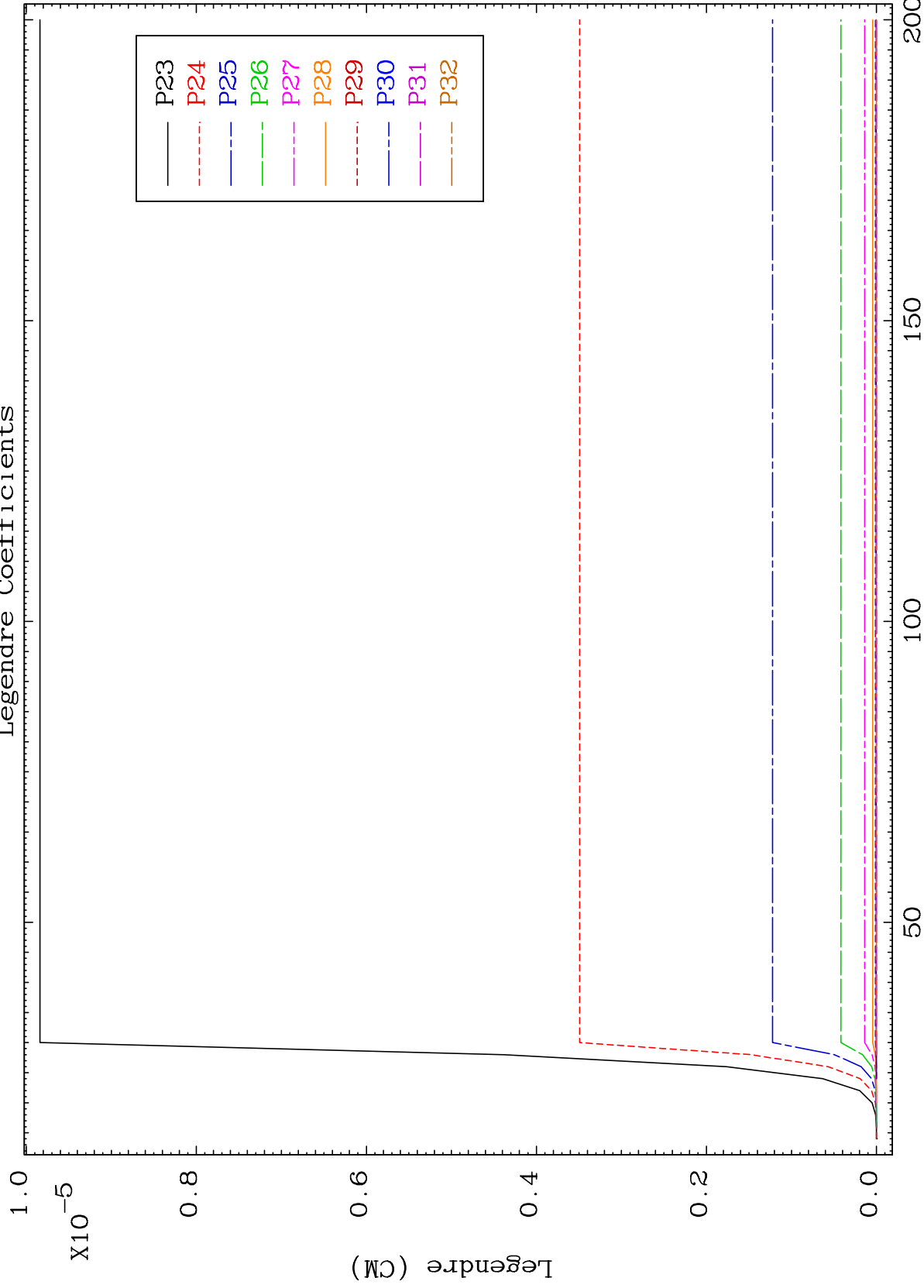
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



57

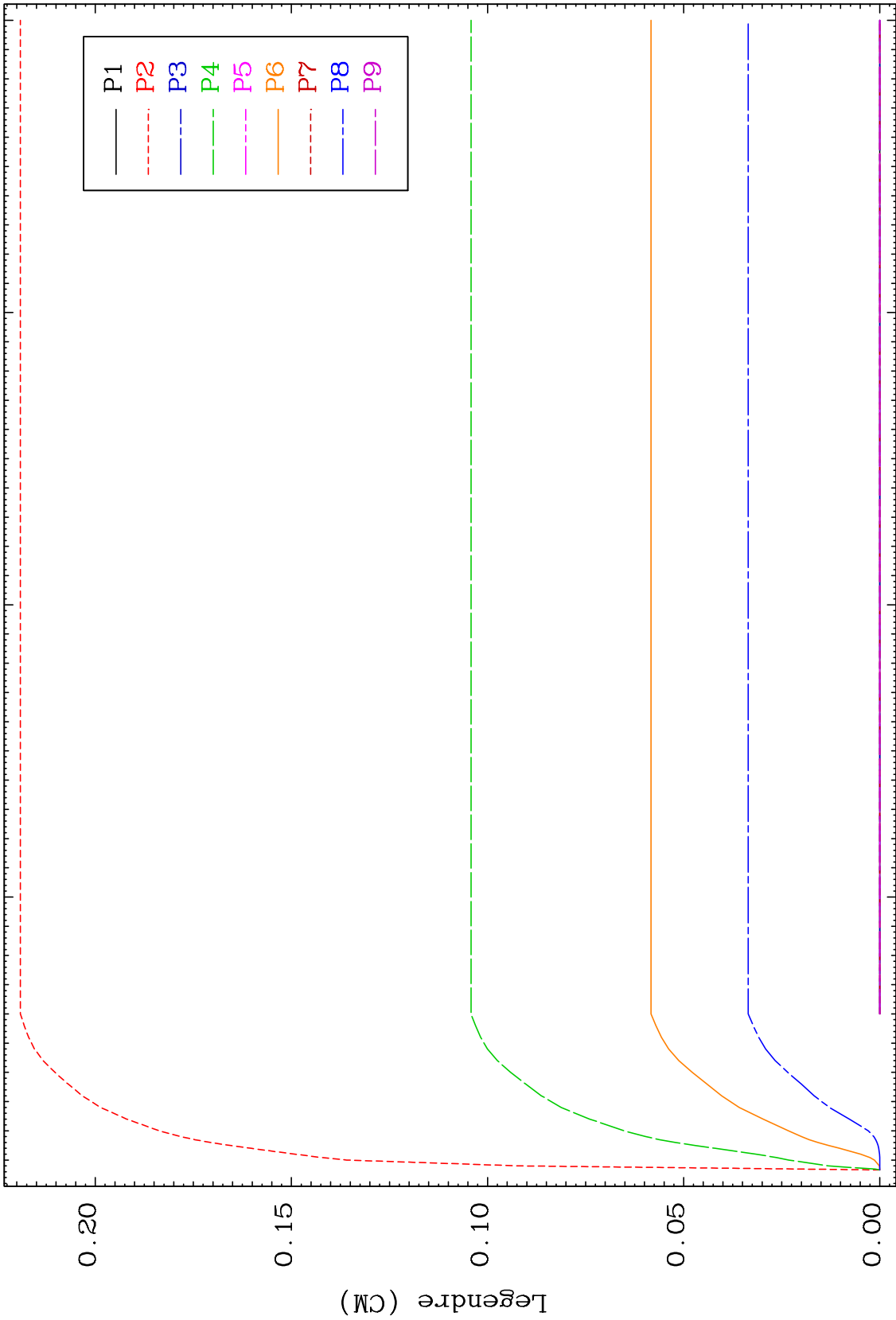
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



58

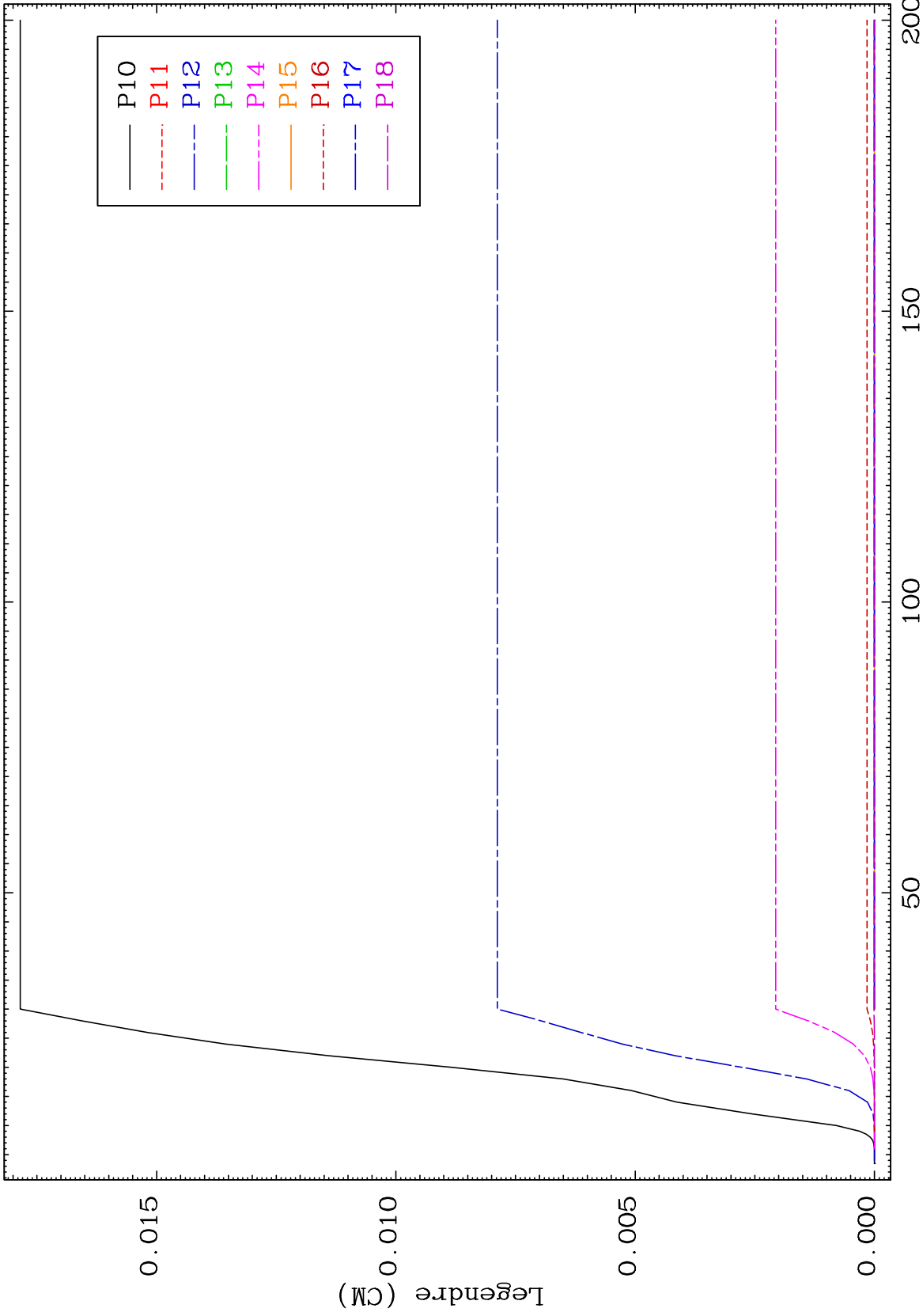
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58

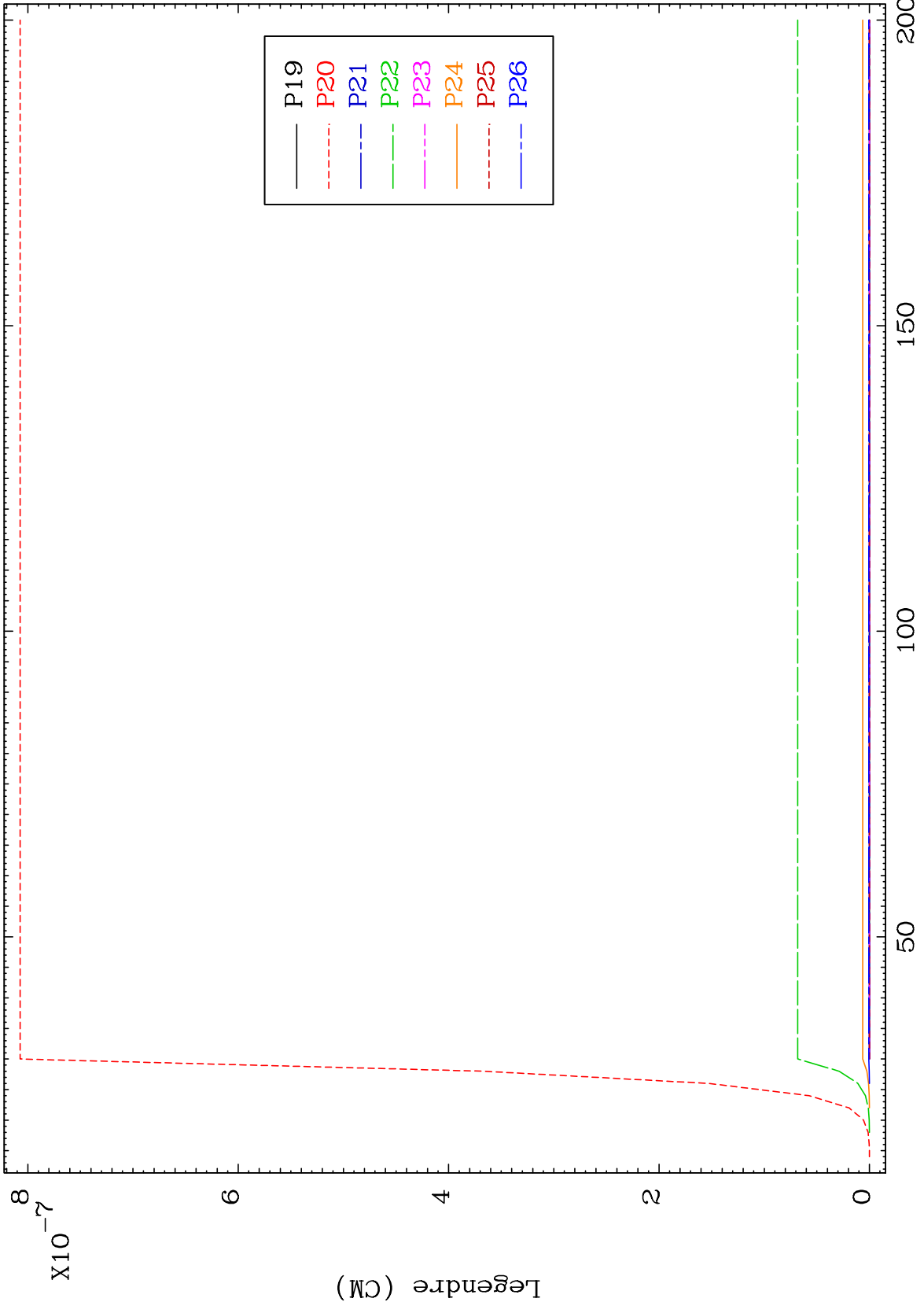


59

Incident Energy (MeV)

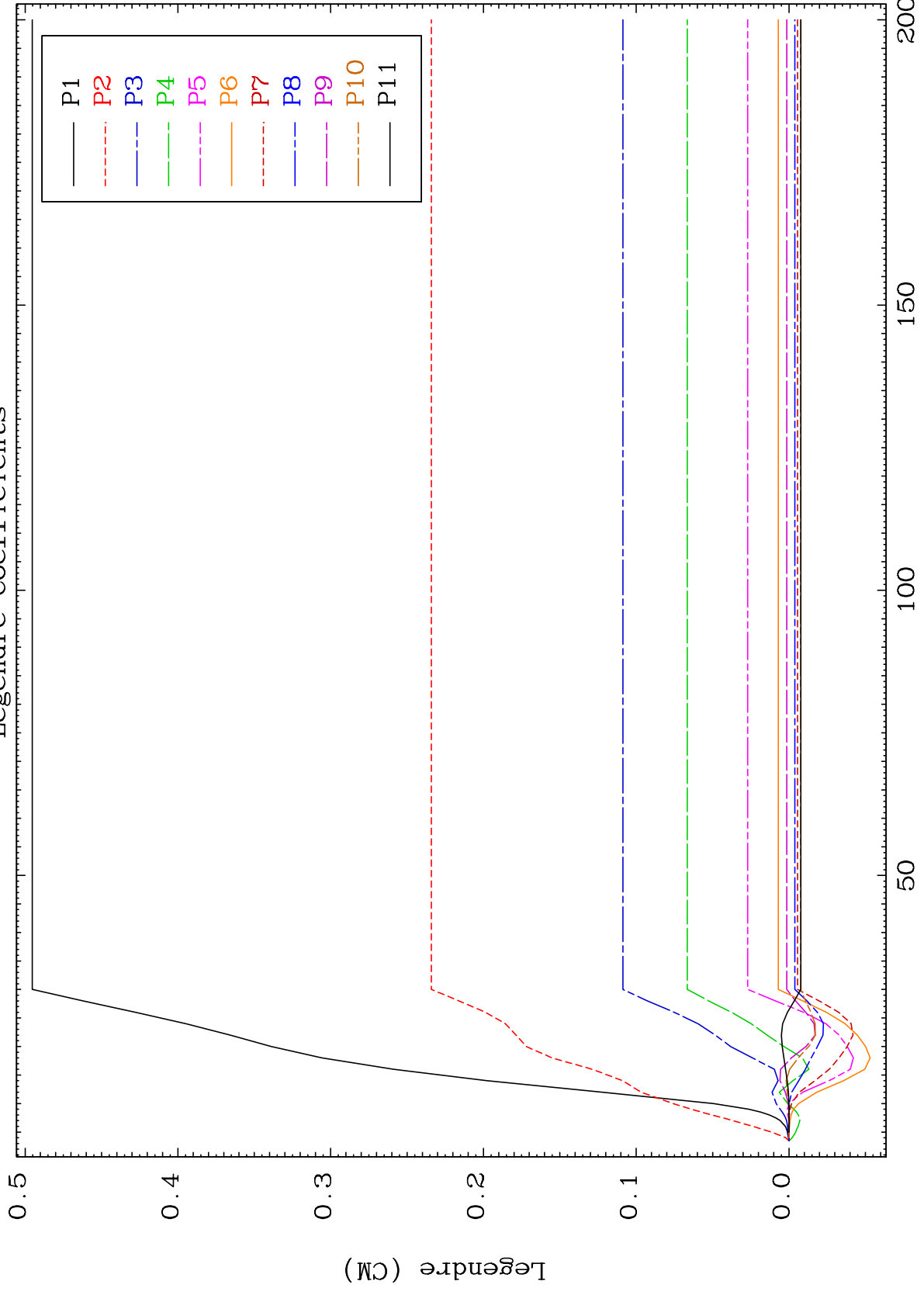
26-Fe-58

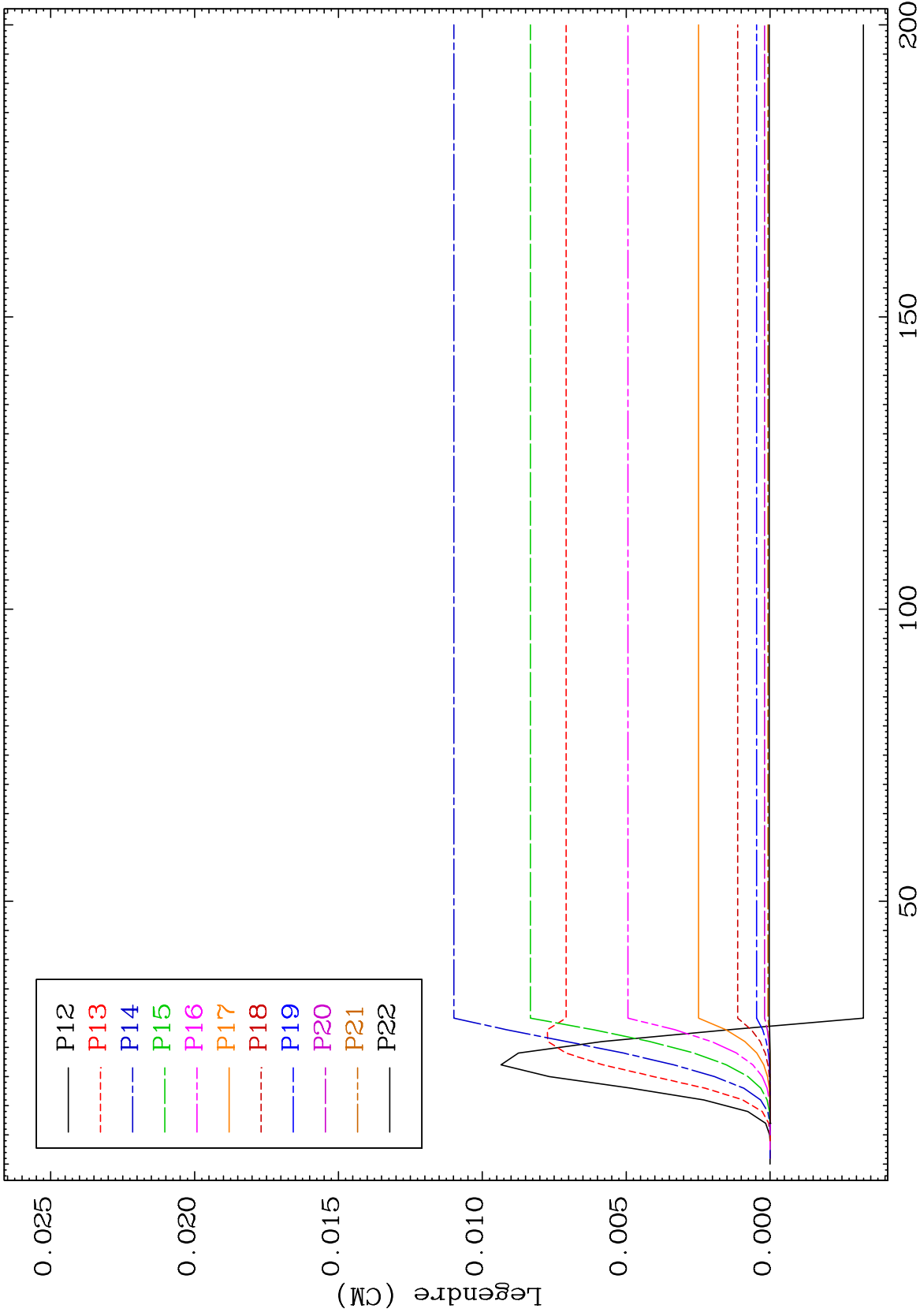
MAT 2637 MT= 64 (n,n') Level Legendre Coefficients 26-Fe-58



26-Fe-58

MAT 2637 MT= 65 (n,n') Level Legendre Coefficients 26-Fe-58

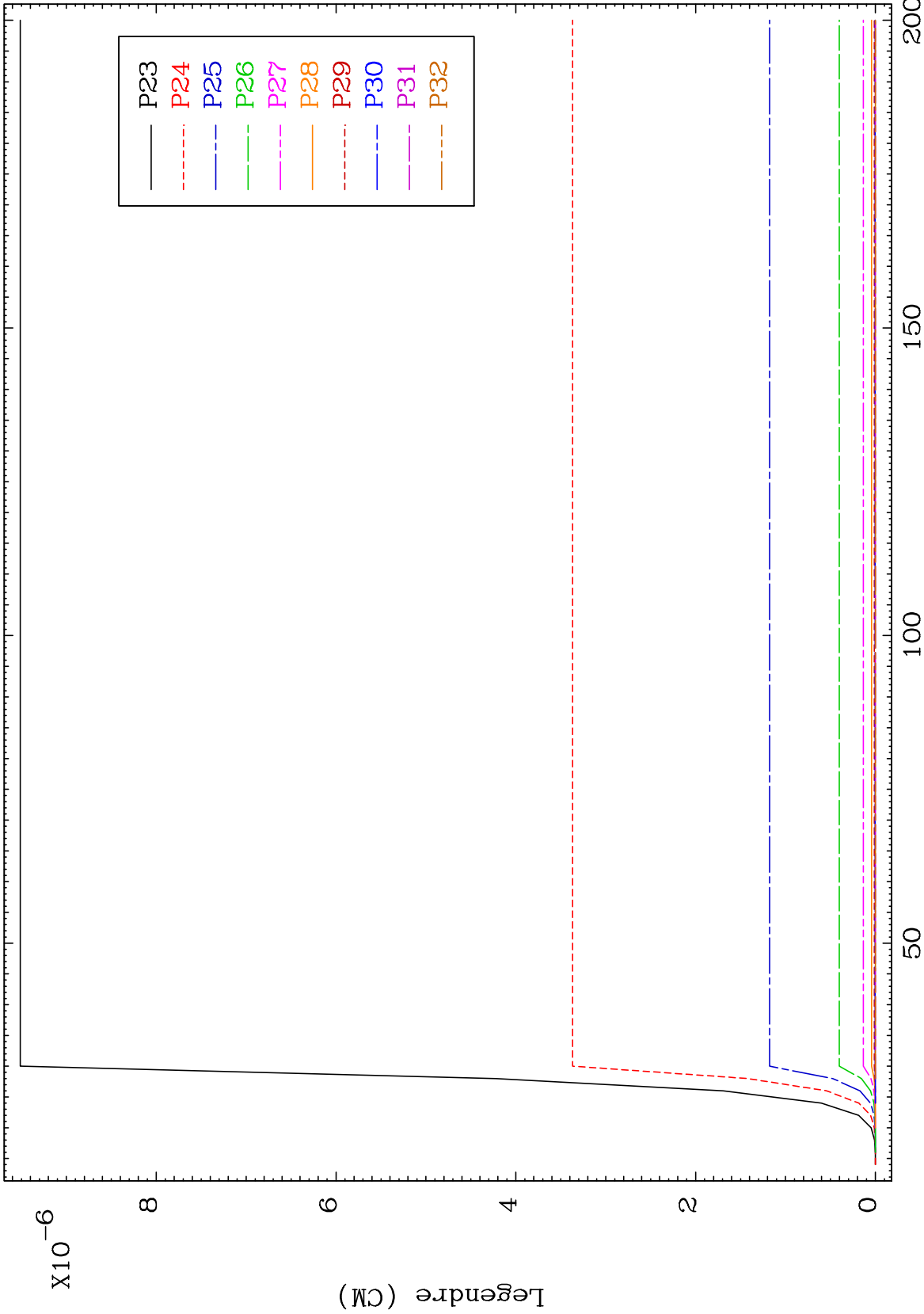




MAT 2637

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

26-Fe-58



63

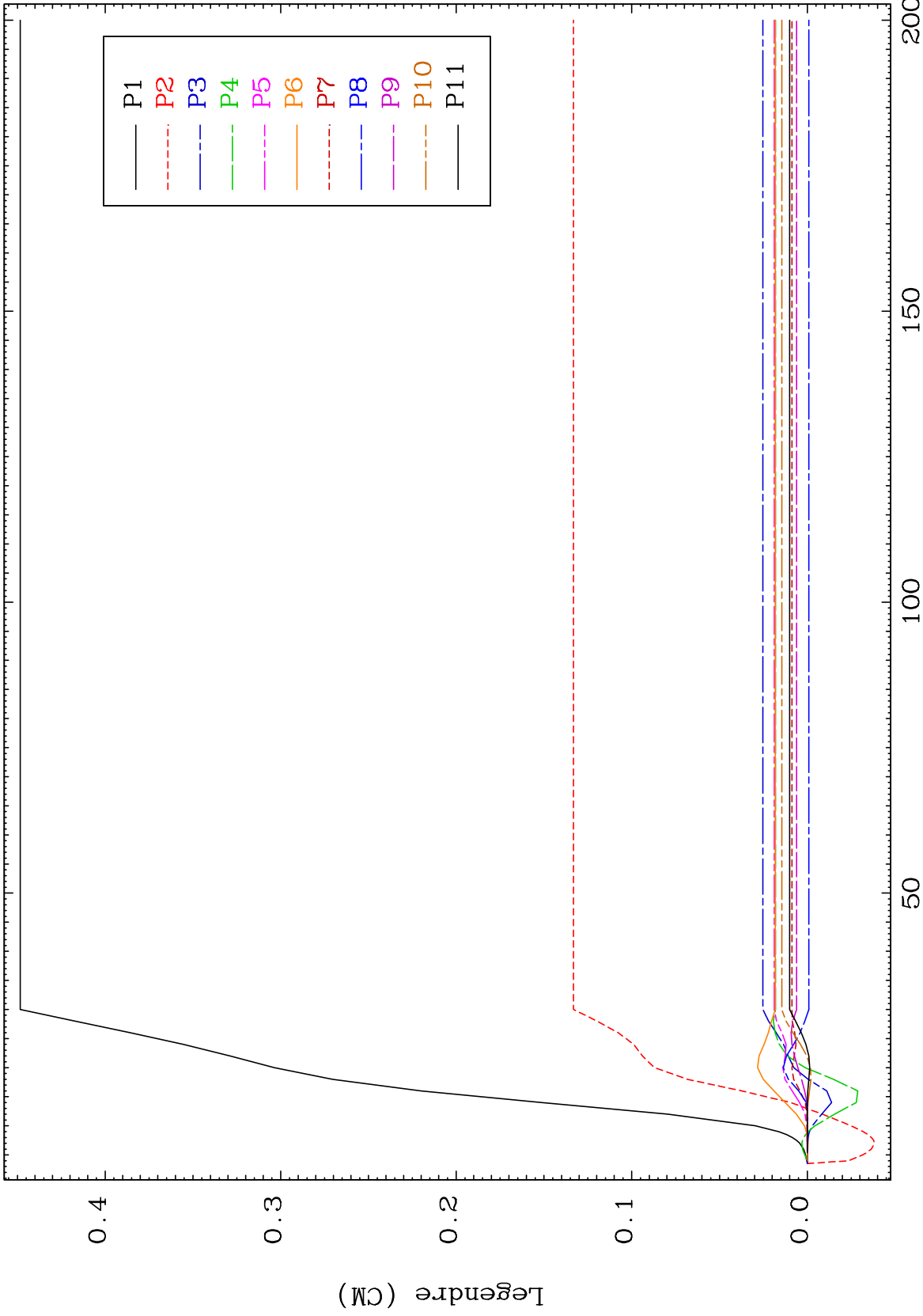
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



64

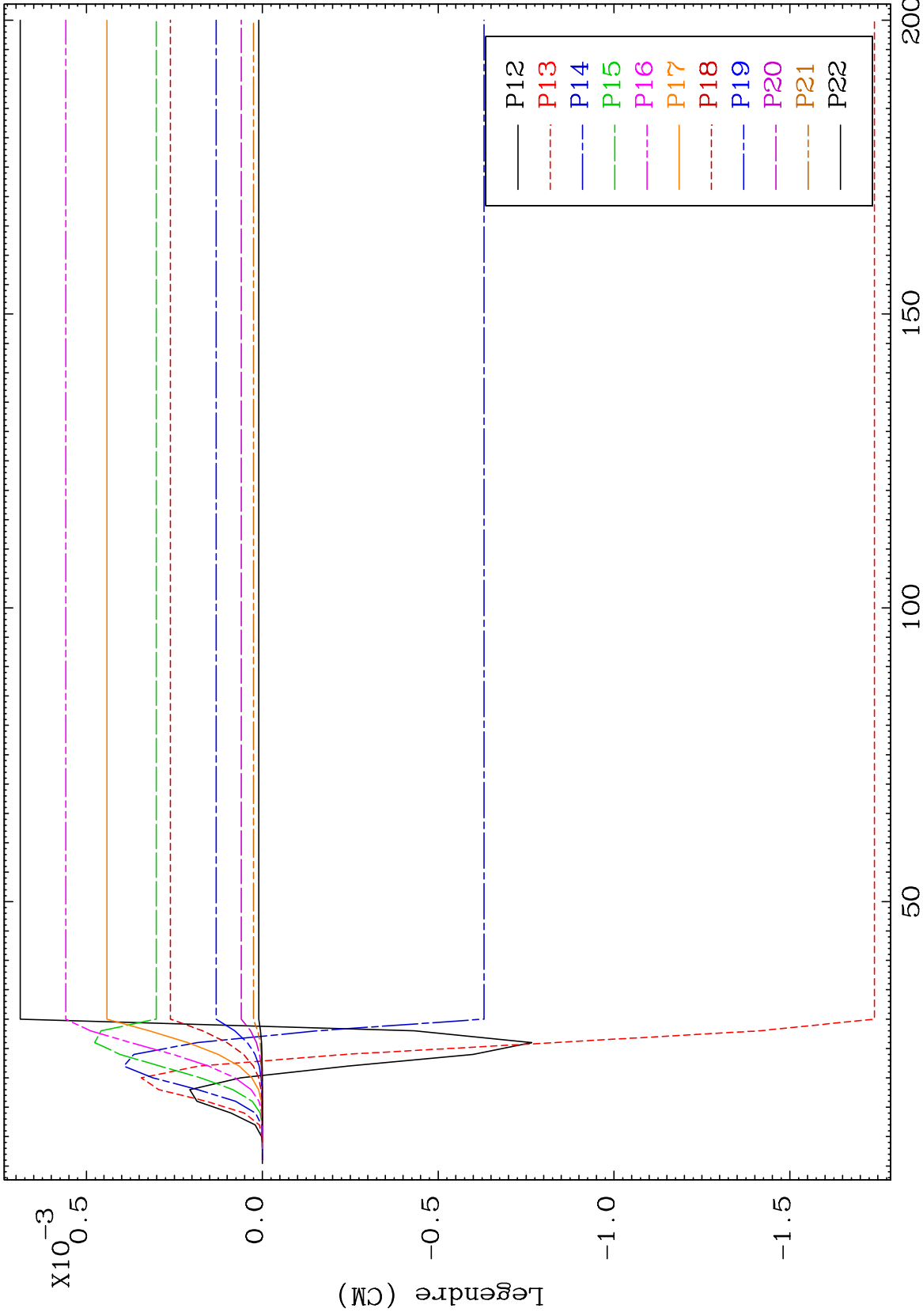
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



65

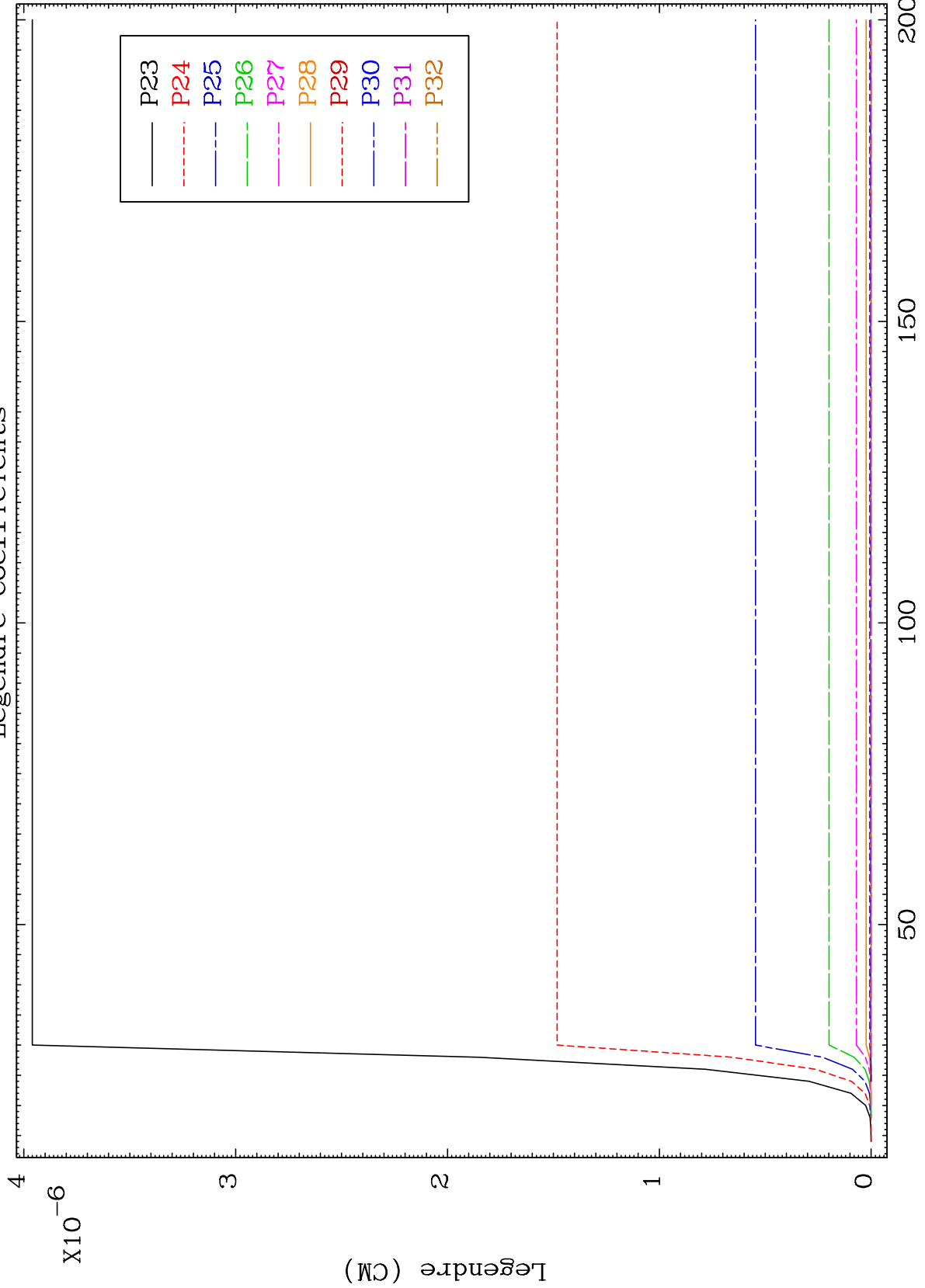
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



66

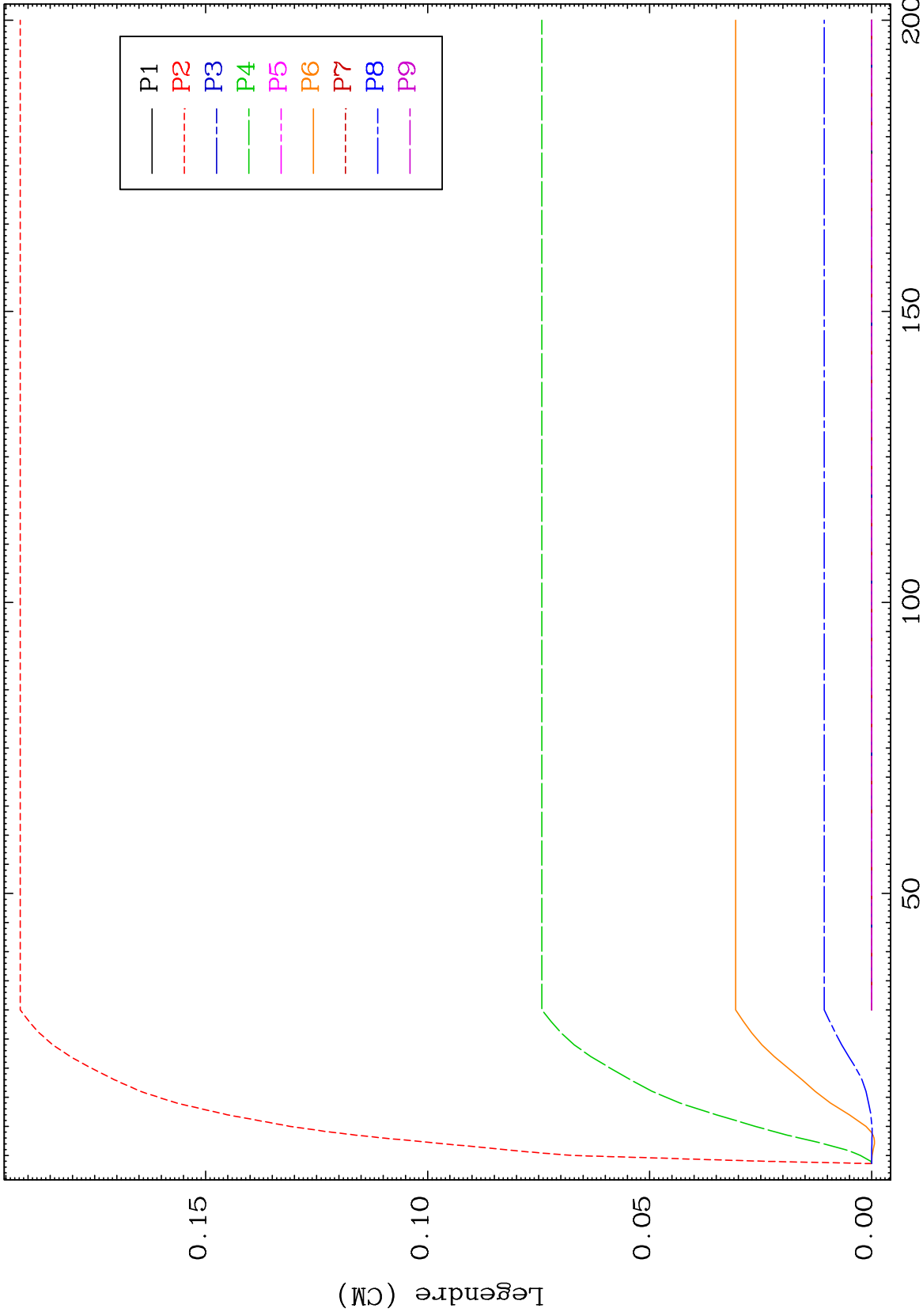
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



67

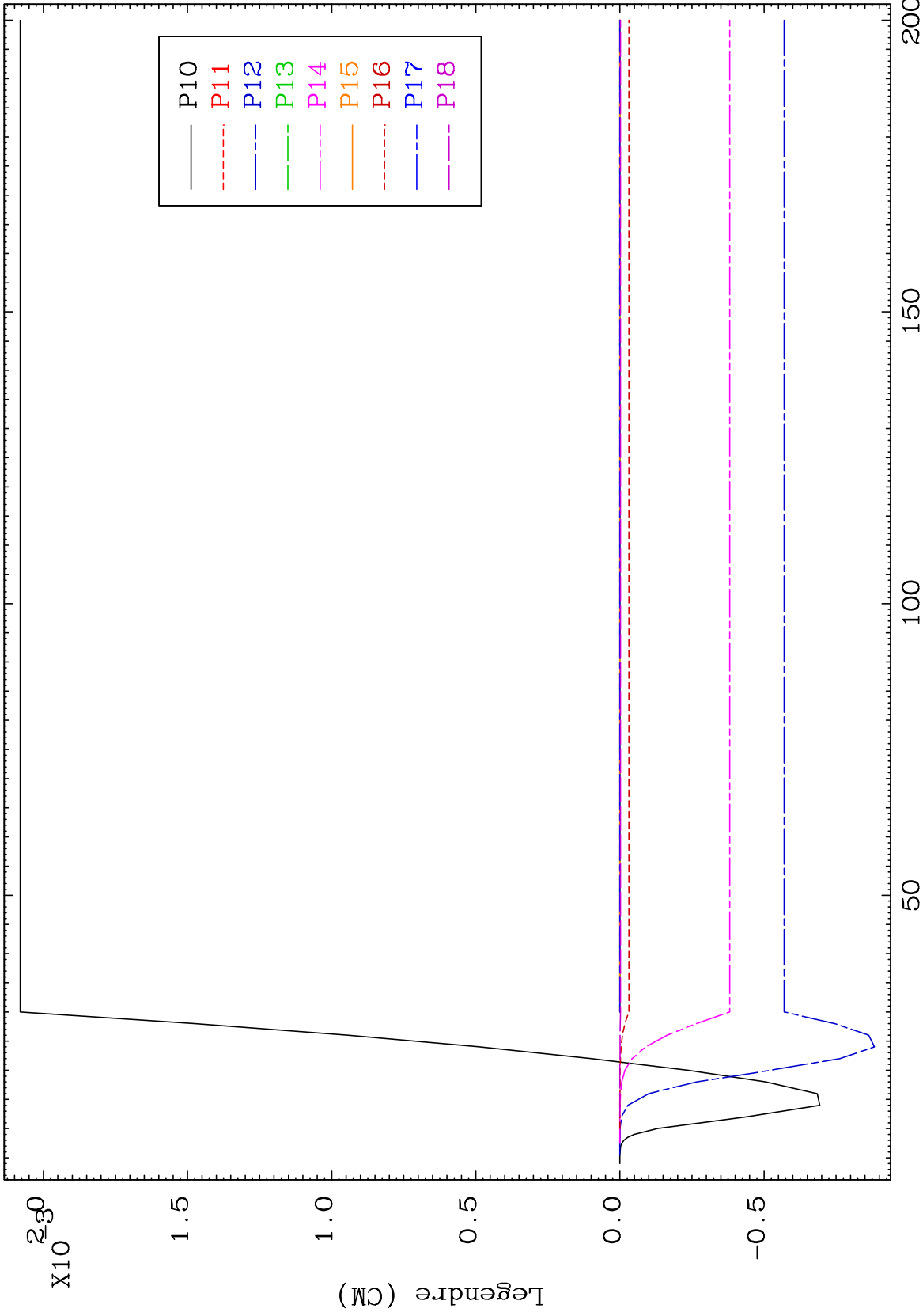
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58

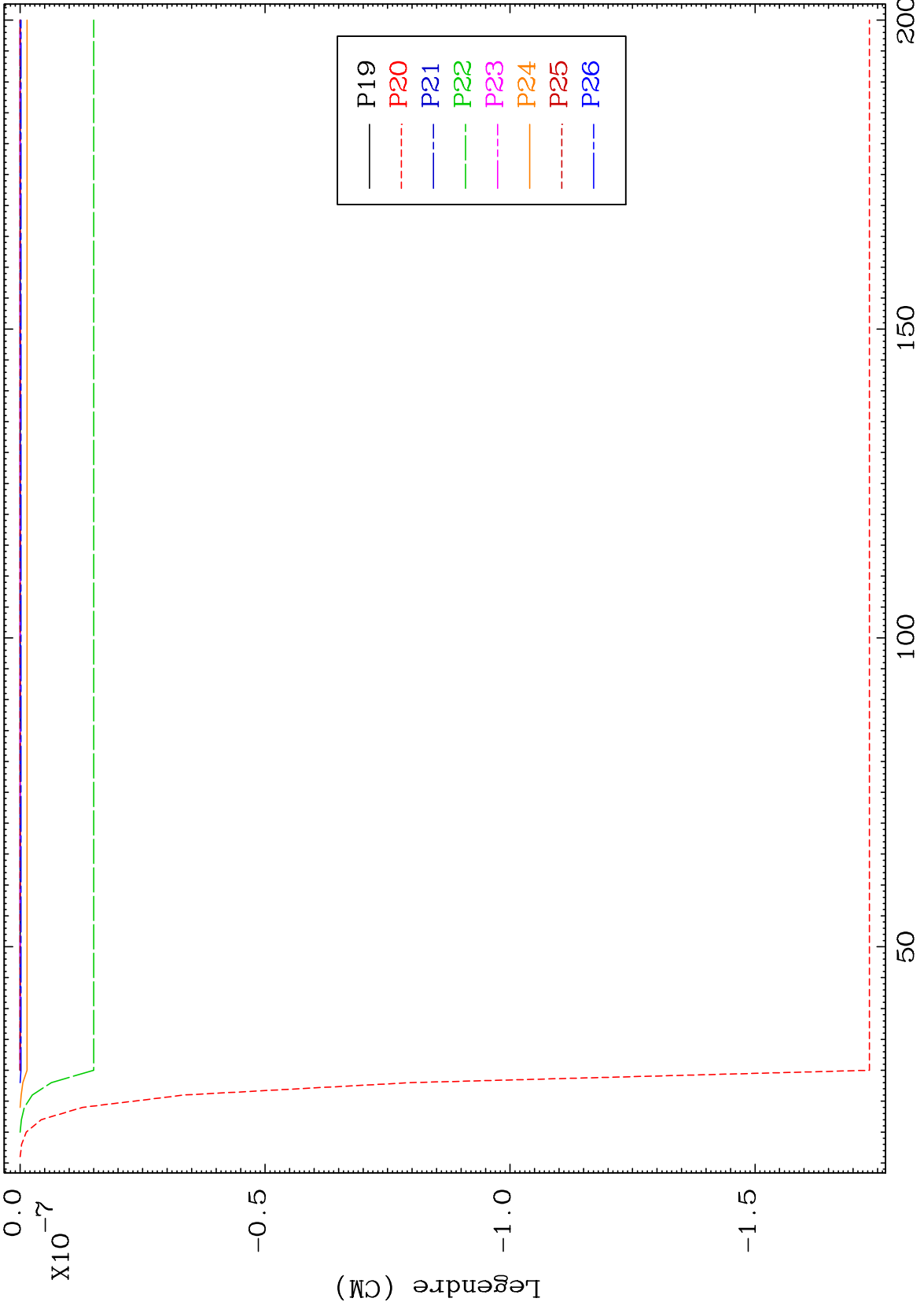


68

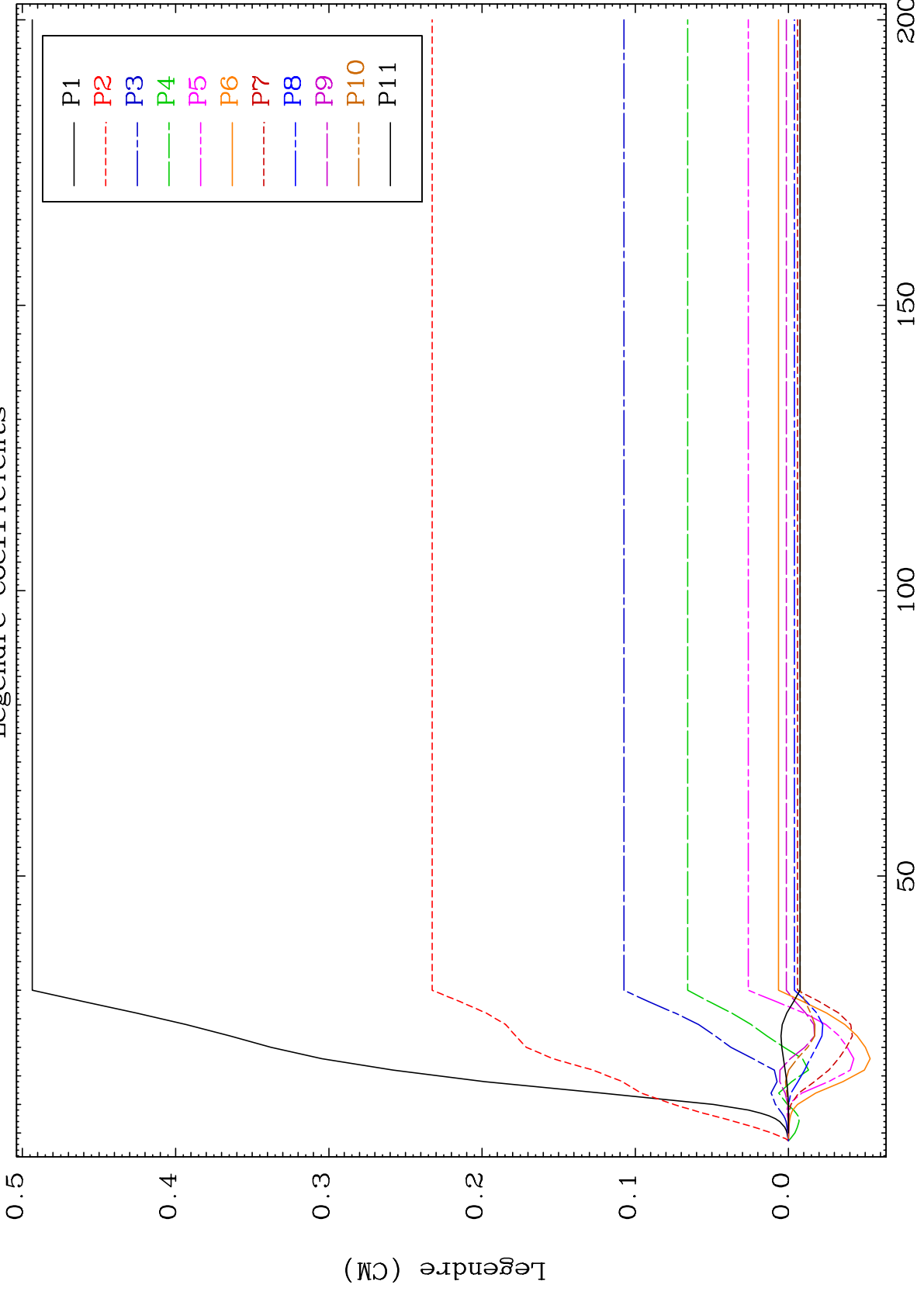
Incident Energy (MeV)

26-Fe-58

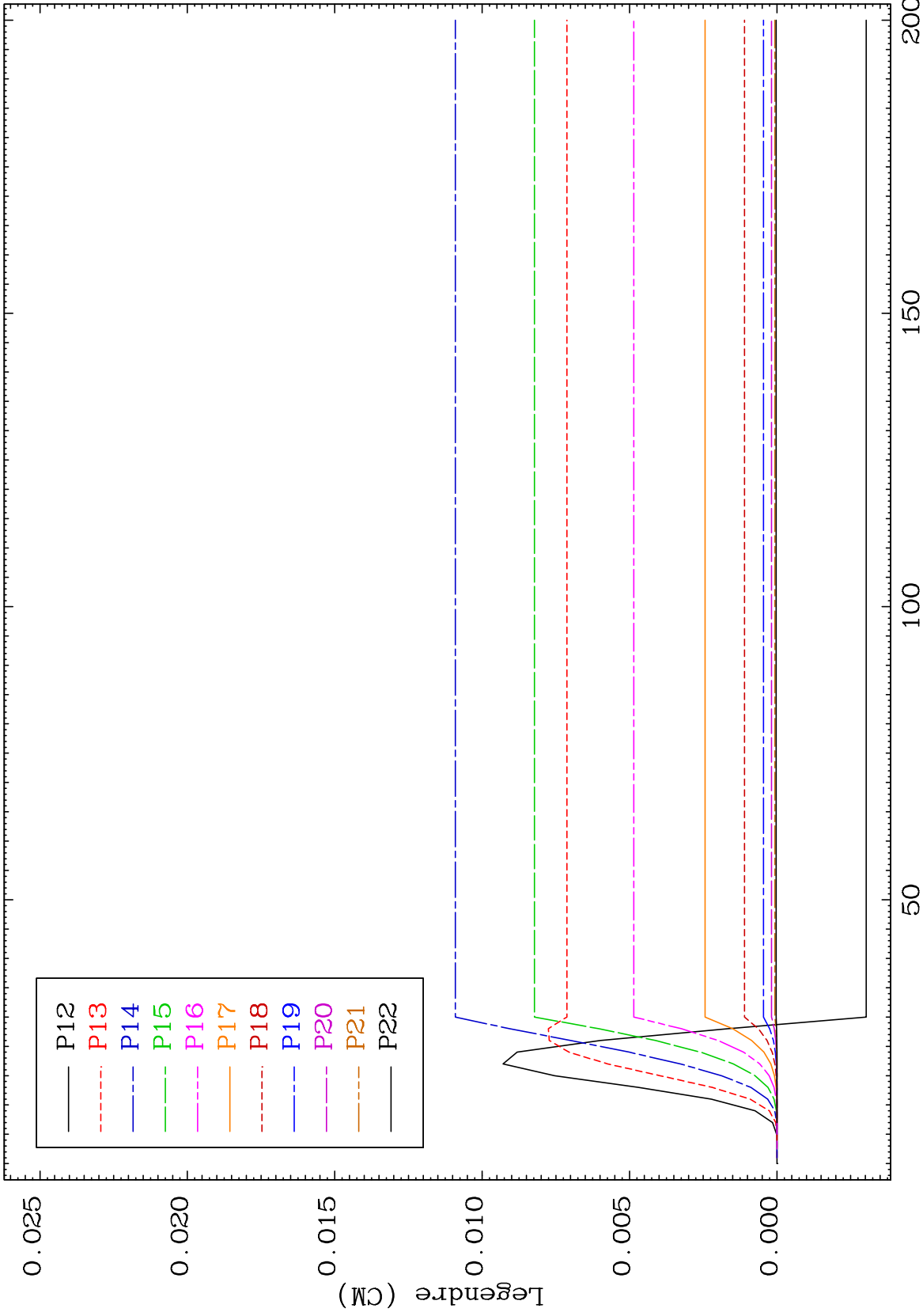
MAT 2637 MT= 67 (n,n') Level Legendre Coefficients 26-Fe-58



MAT 2637 MT= 68 (n,n') Level Legendre Coefficients 26-Fe-58



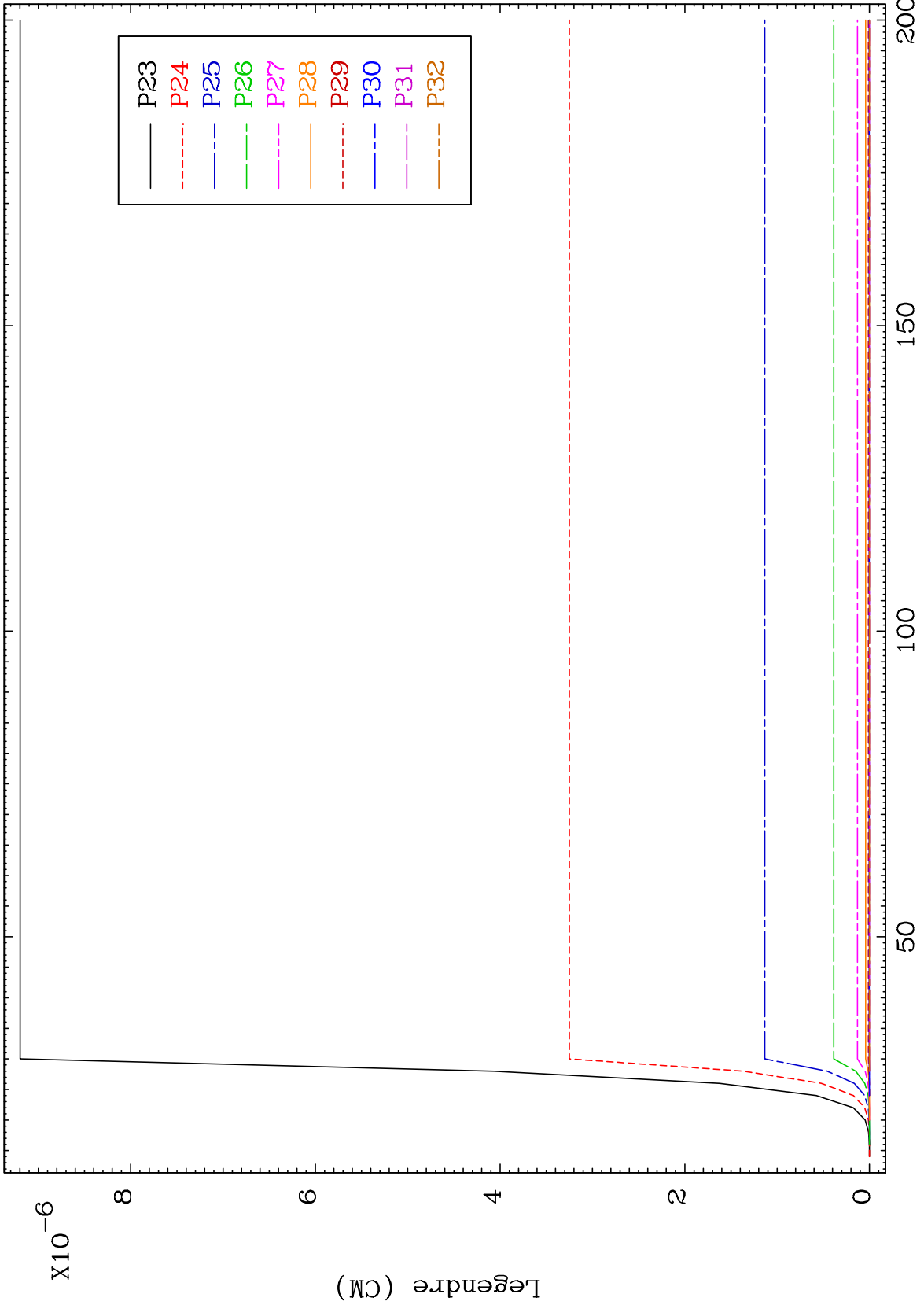
70 Incident Energy (MeV) 26-Fe-58



MAT 2637

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

26-Fe-58



72

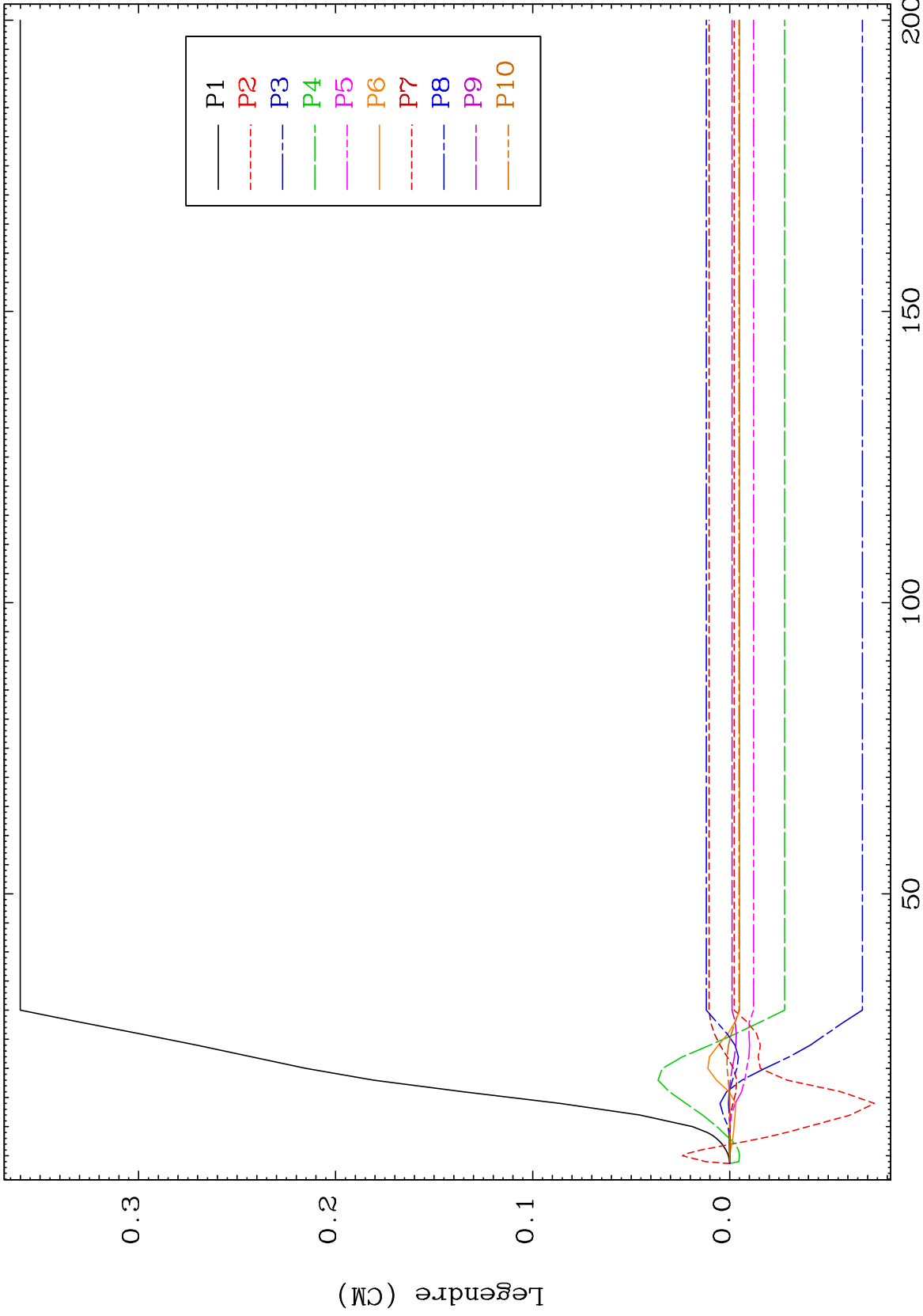
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



73

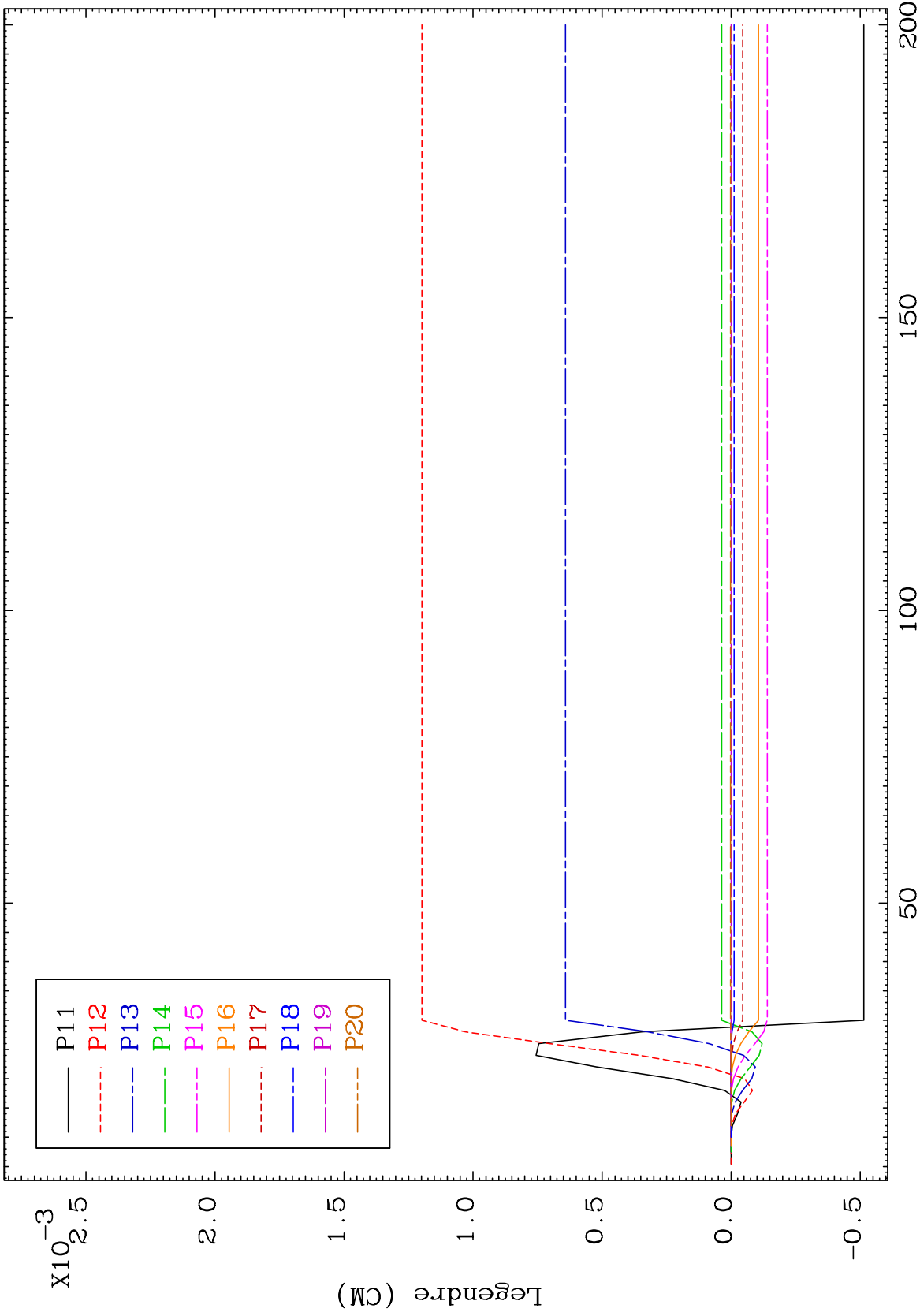
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

²⁶Fe-58



74

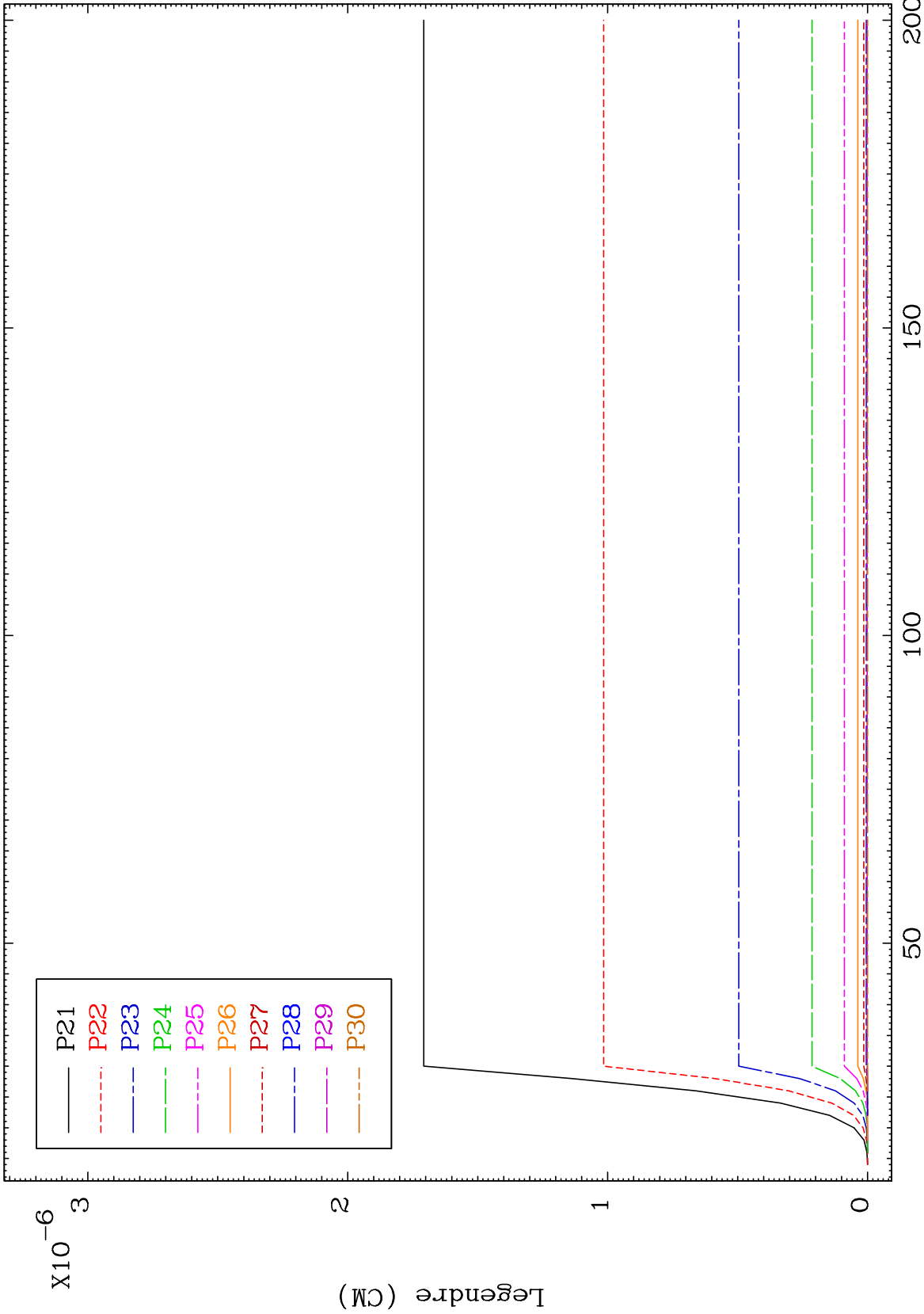
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

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

²⁶Fe-58

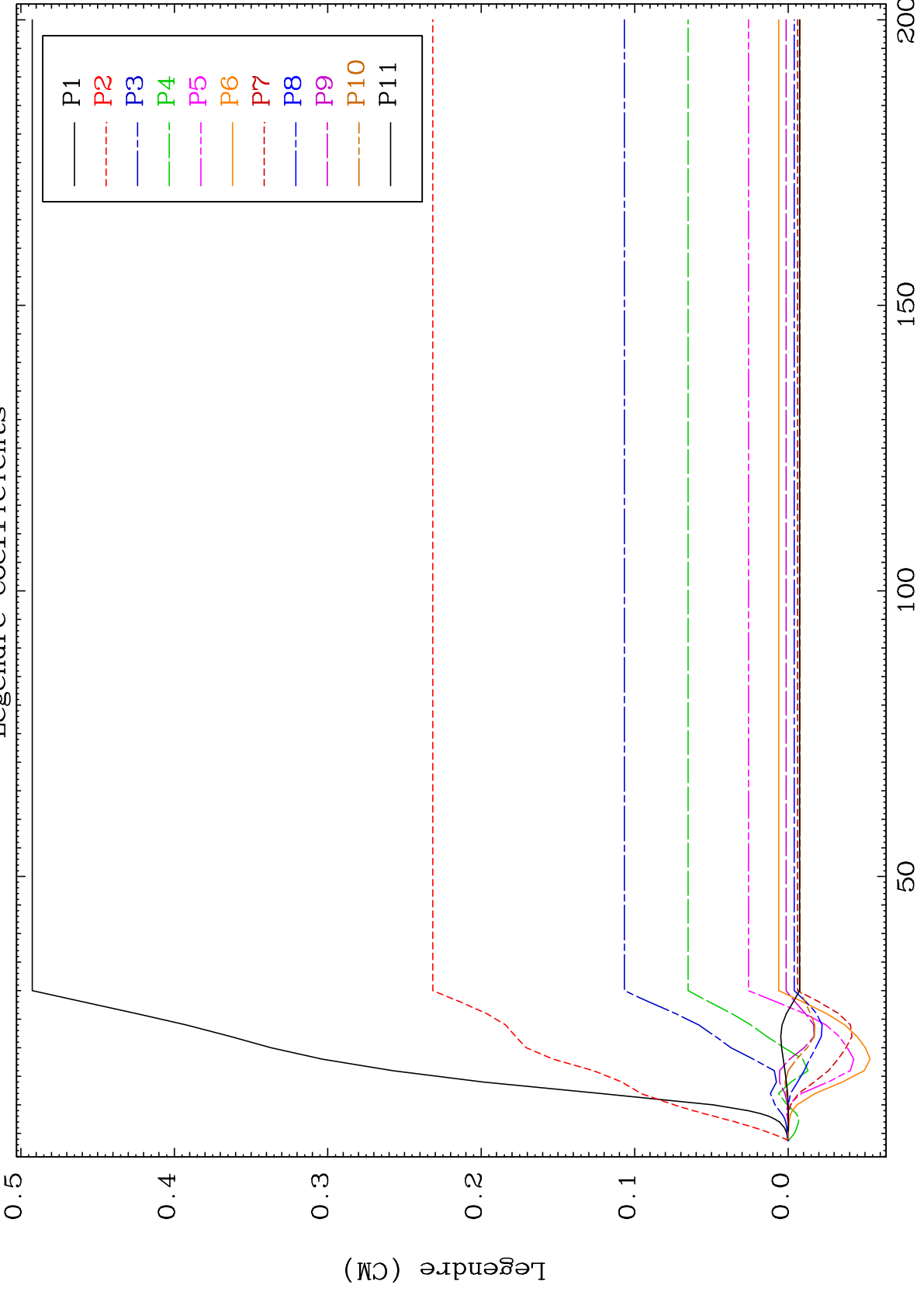


75

Incident Energy (MeV)

²⁶Fe-58

MAT 2637 MT= 70 (n,n') Level Legendre Coefficients 26-Fe-58

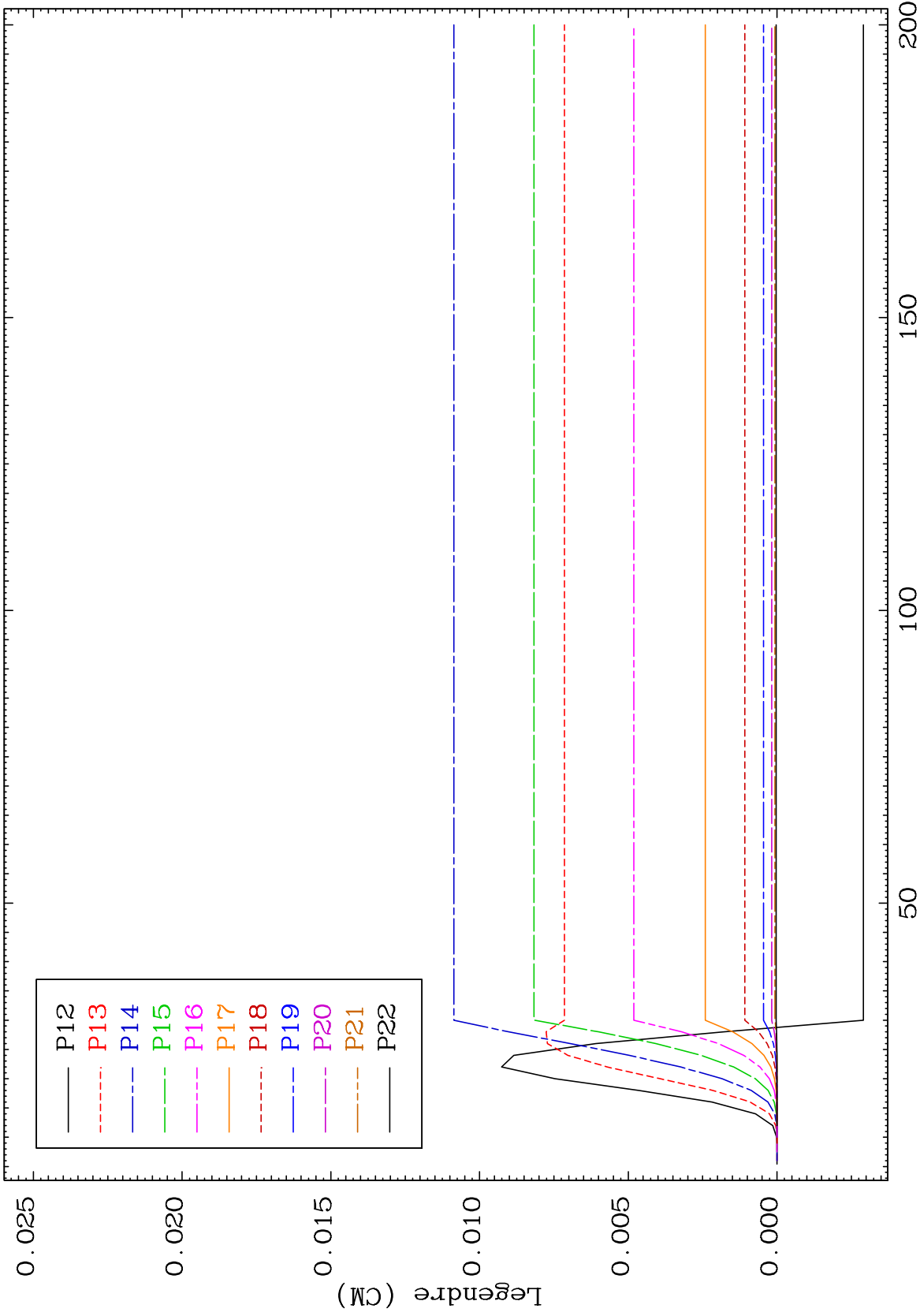


76 200 26-Fe-58

MAT 2637

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

²⁶Fe-58



77

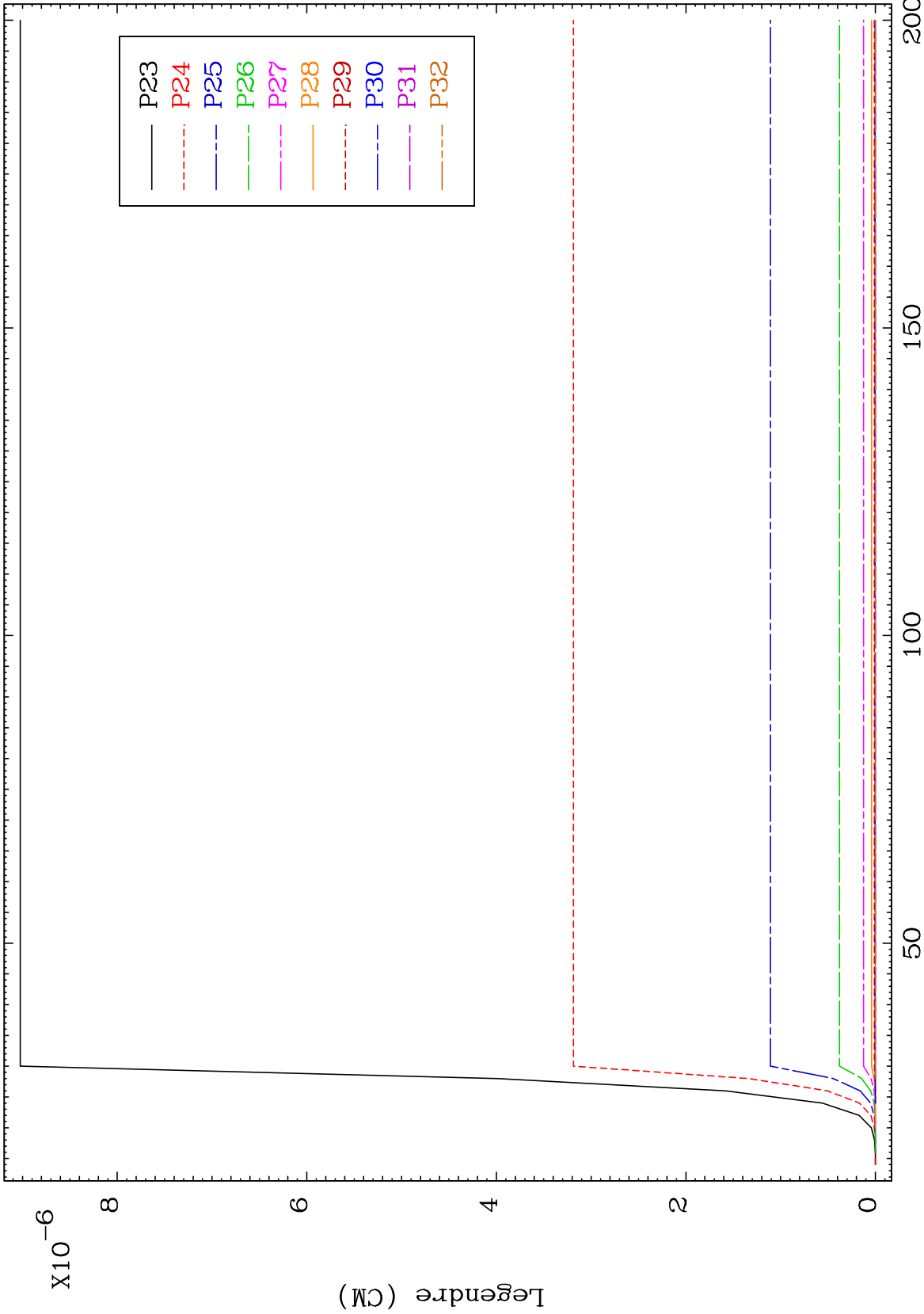
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

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

26-Fe-58



78

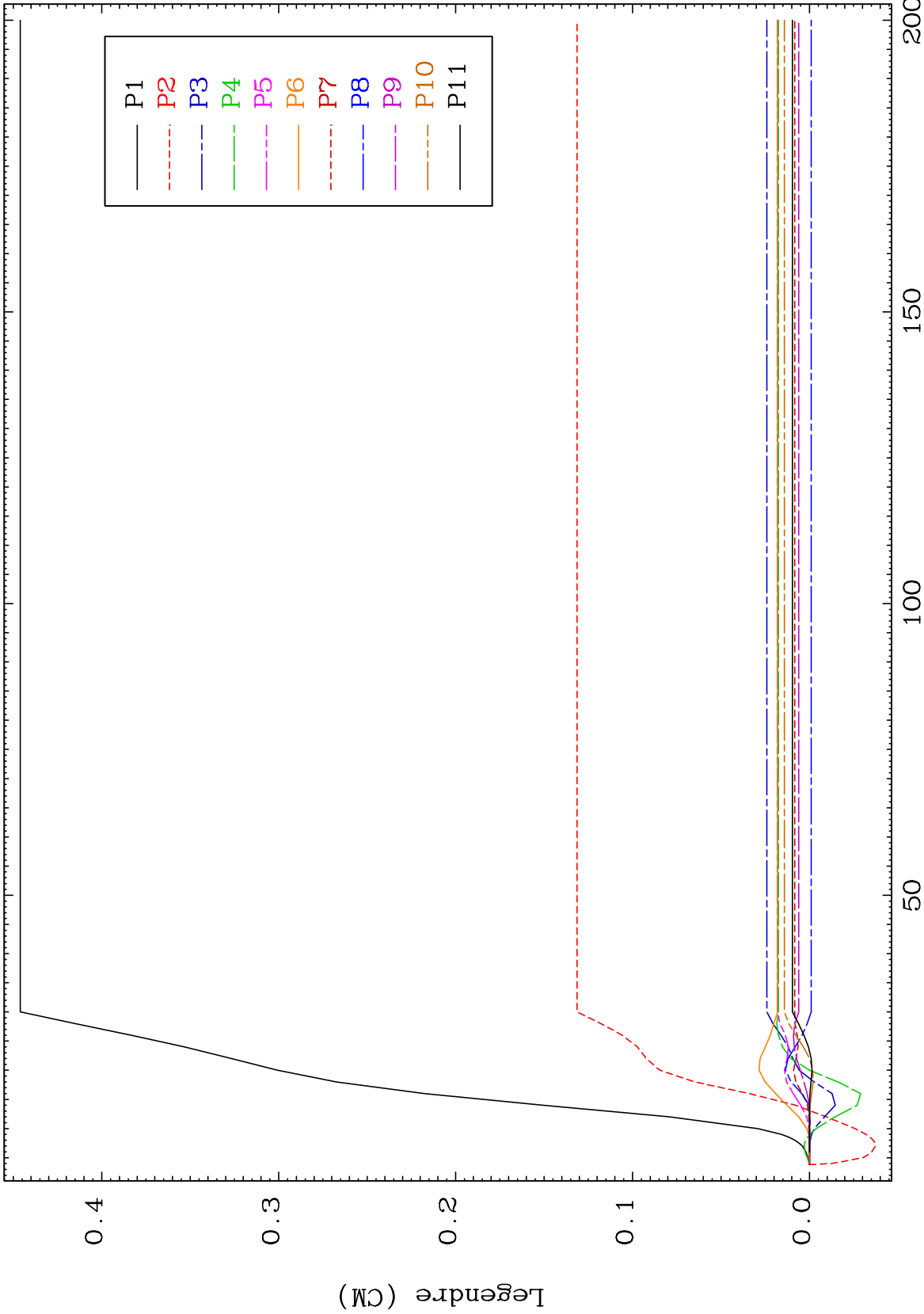
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



79

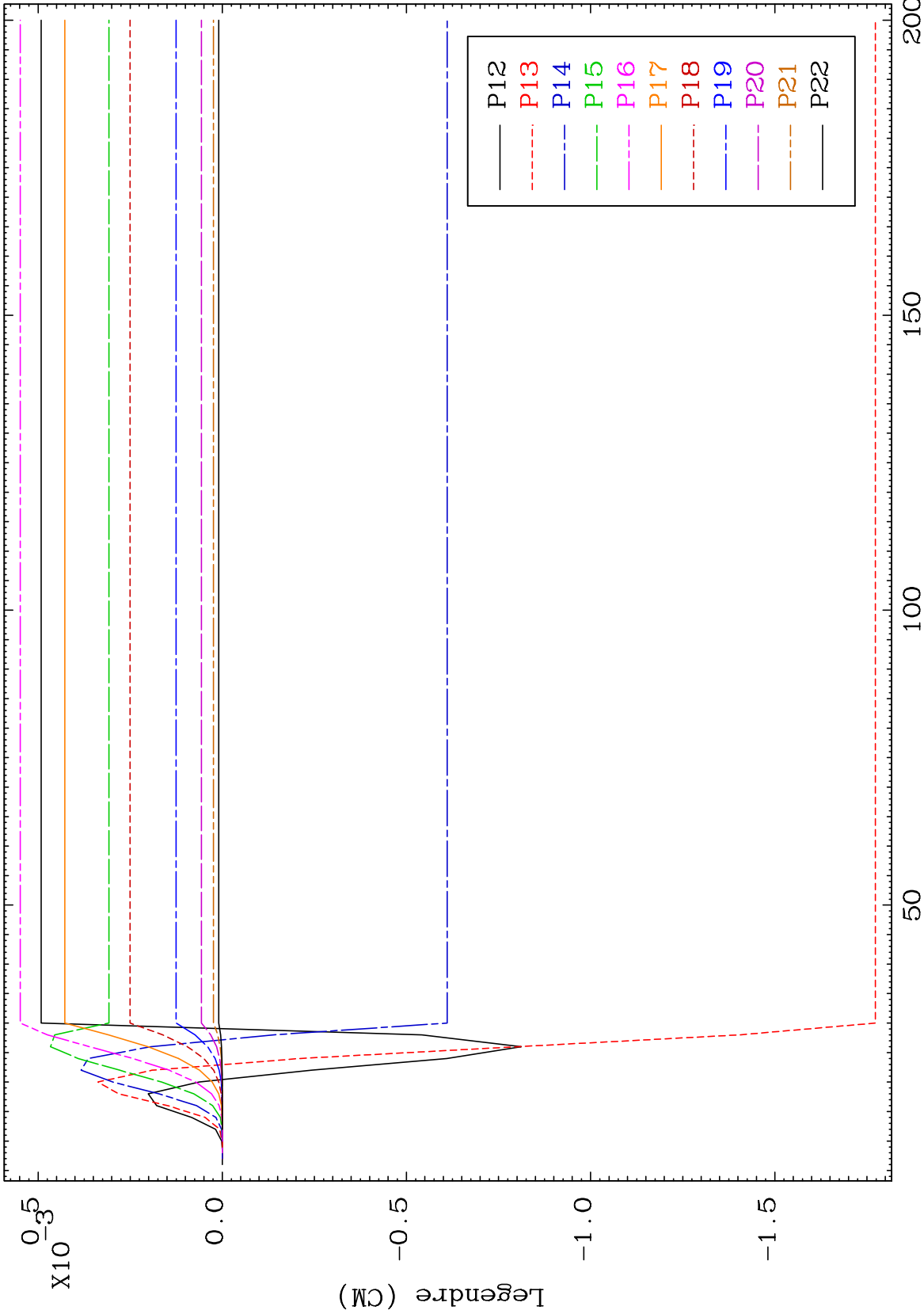
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



80

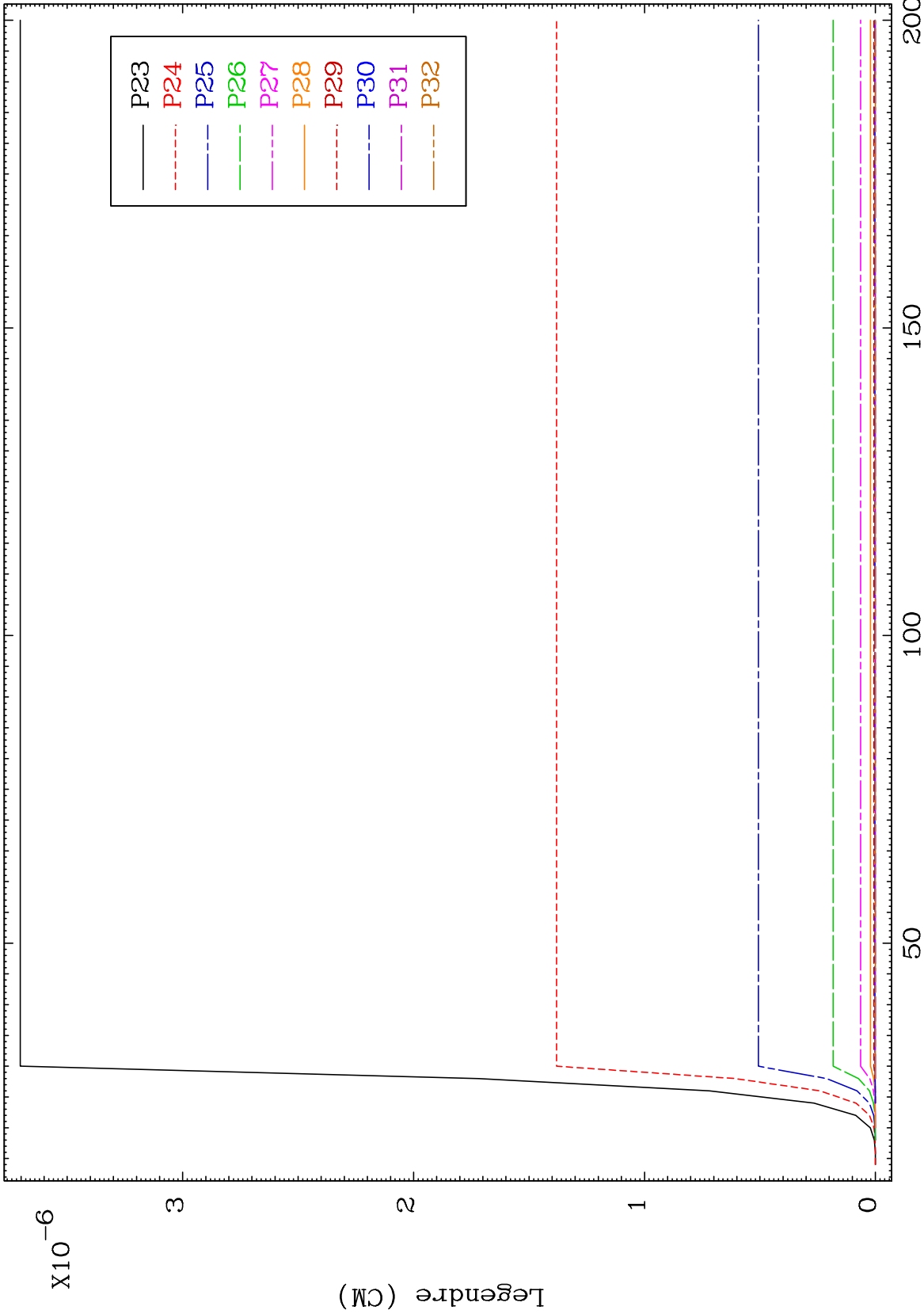
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



81

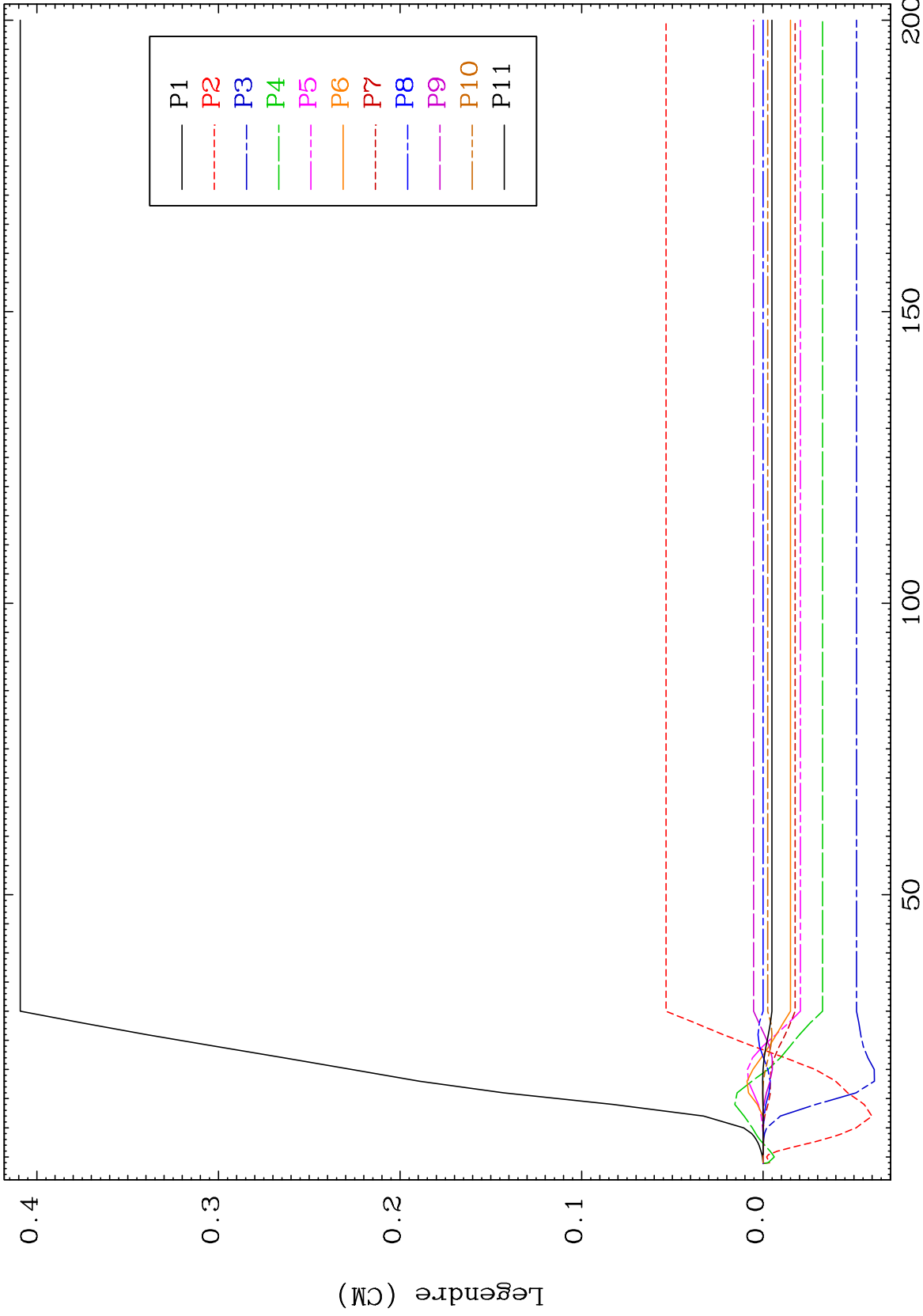
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



82

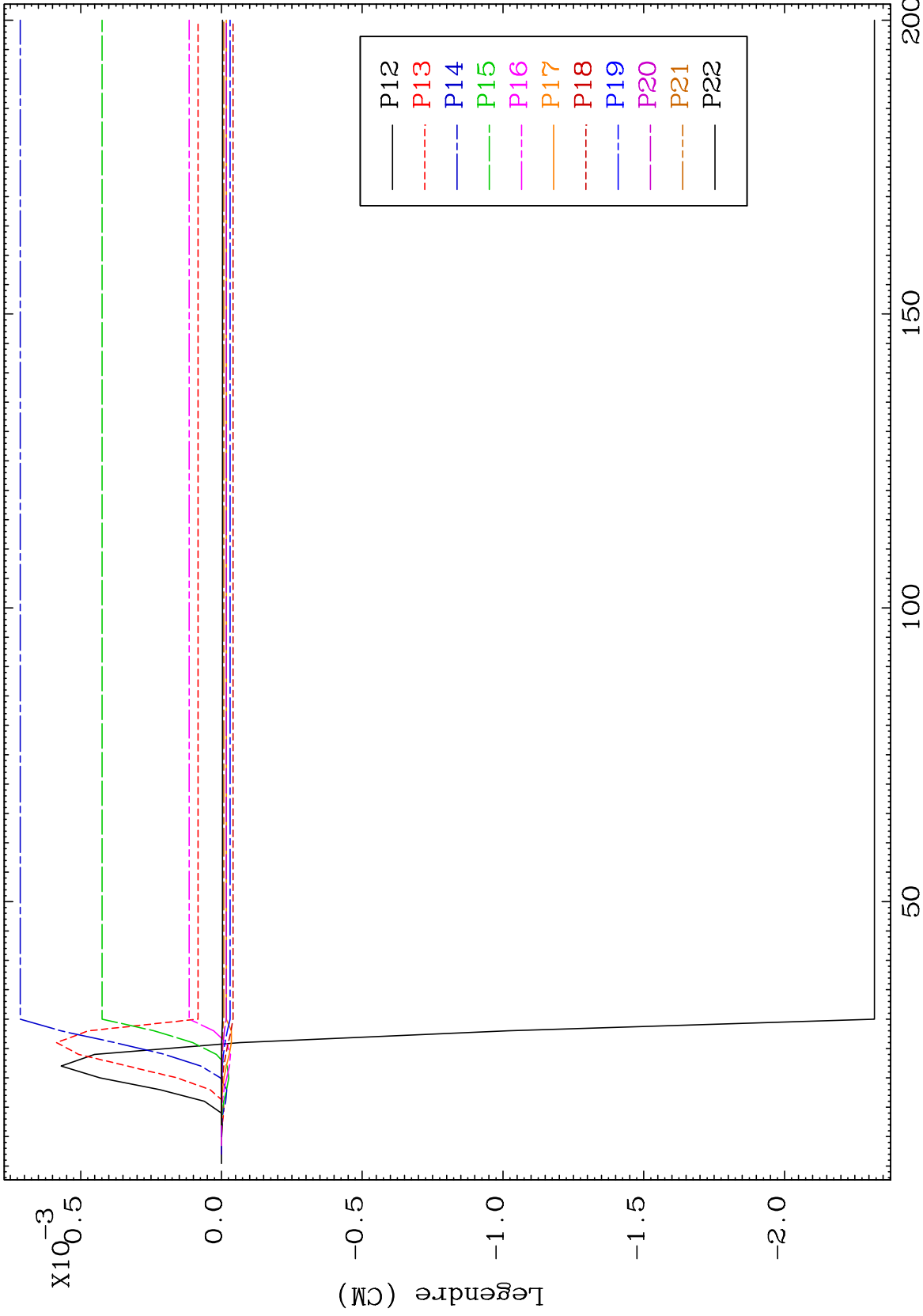
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



83

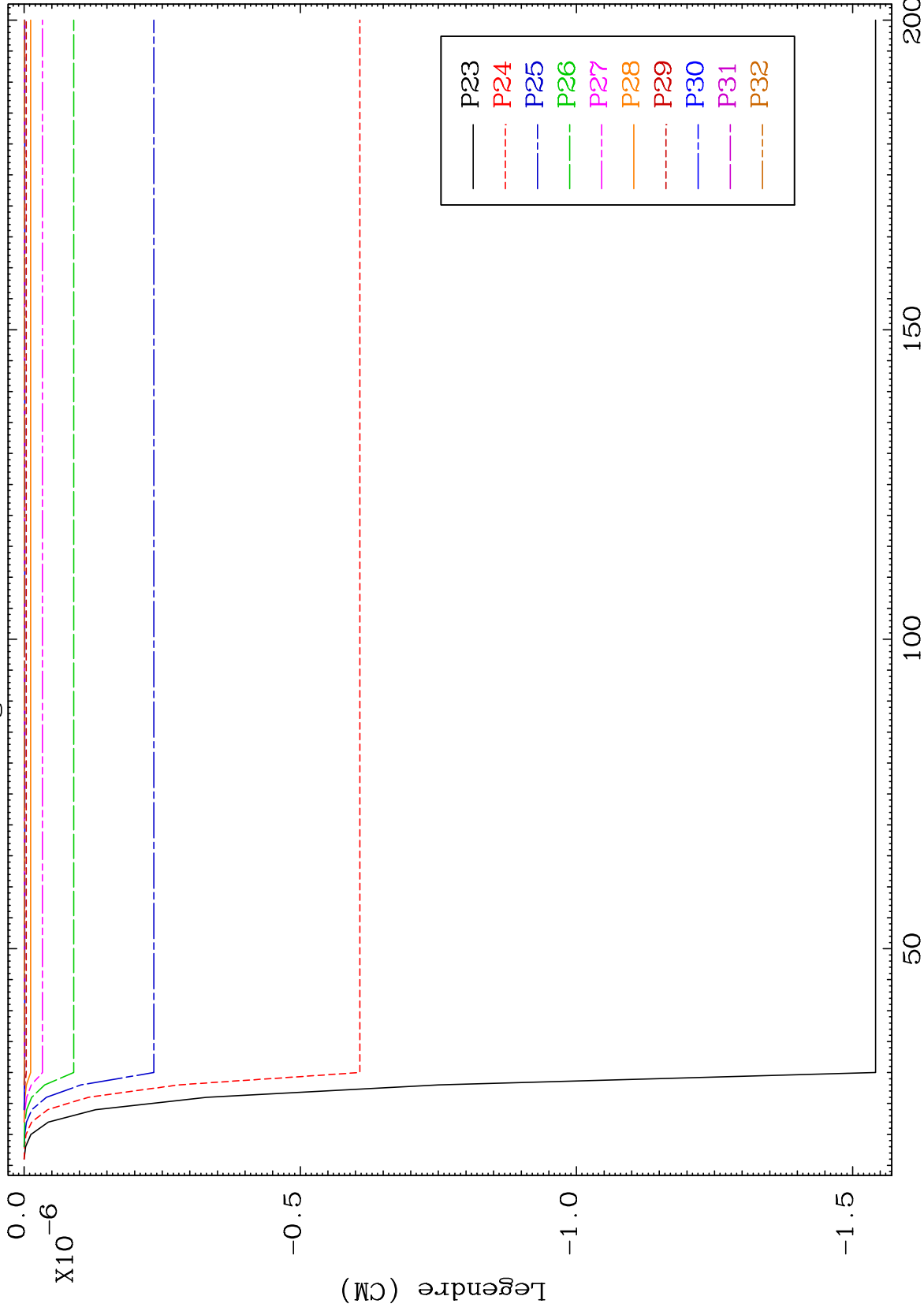
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58

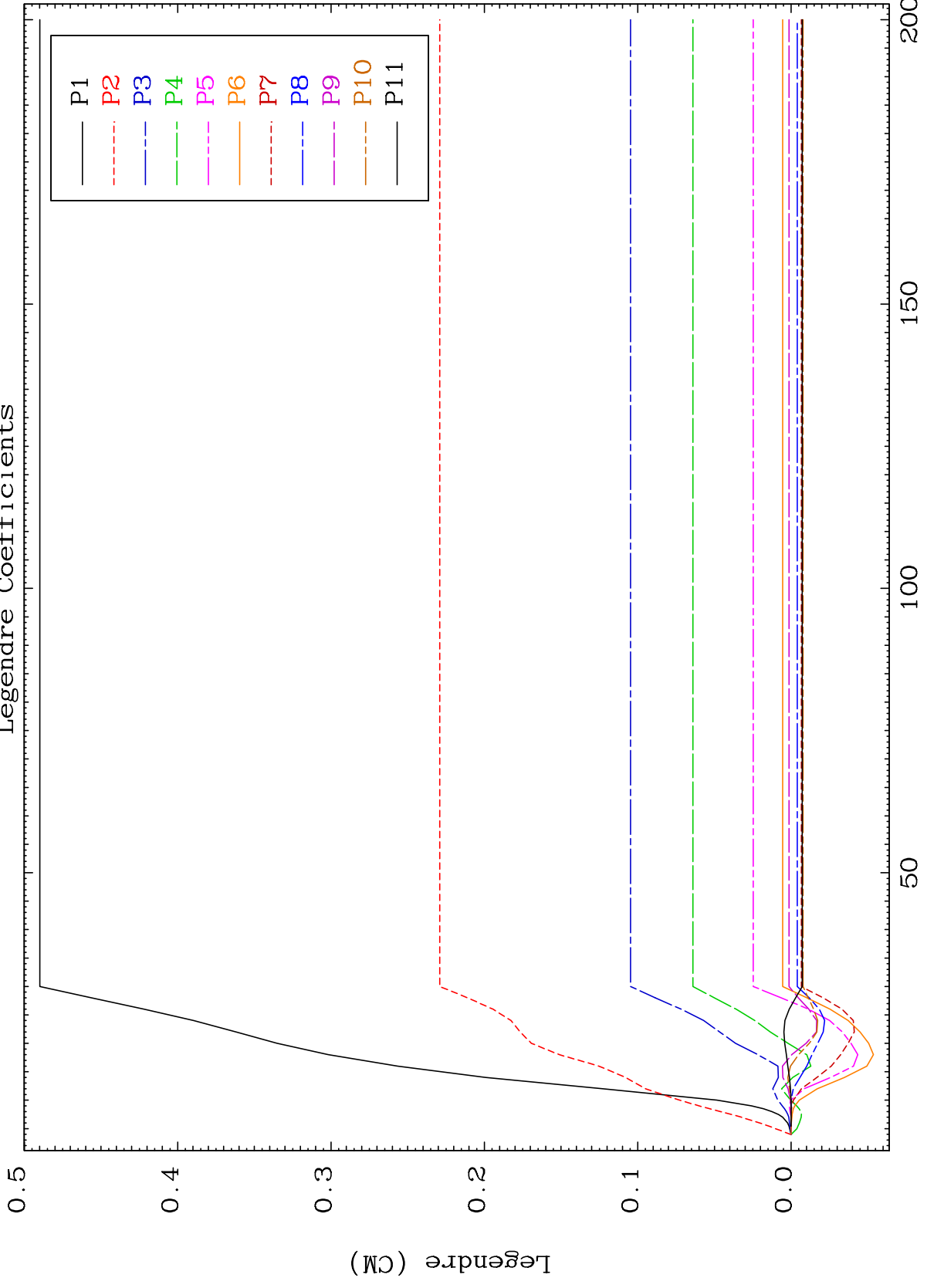


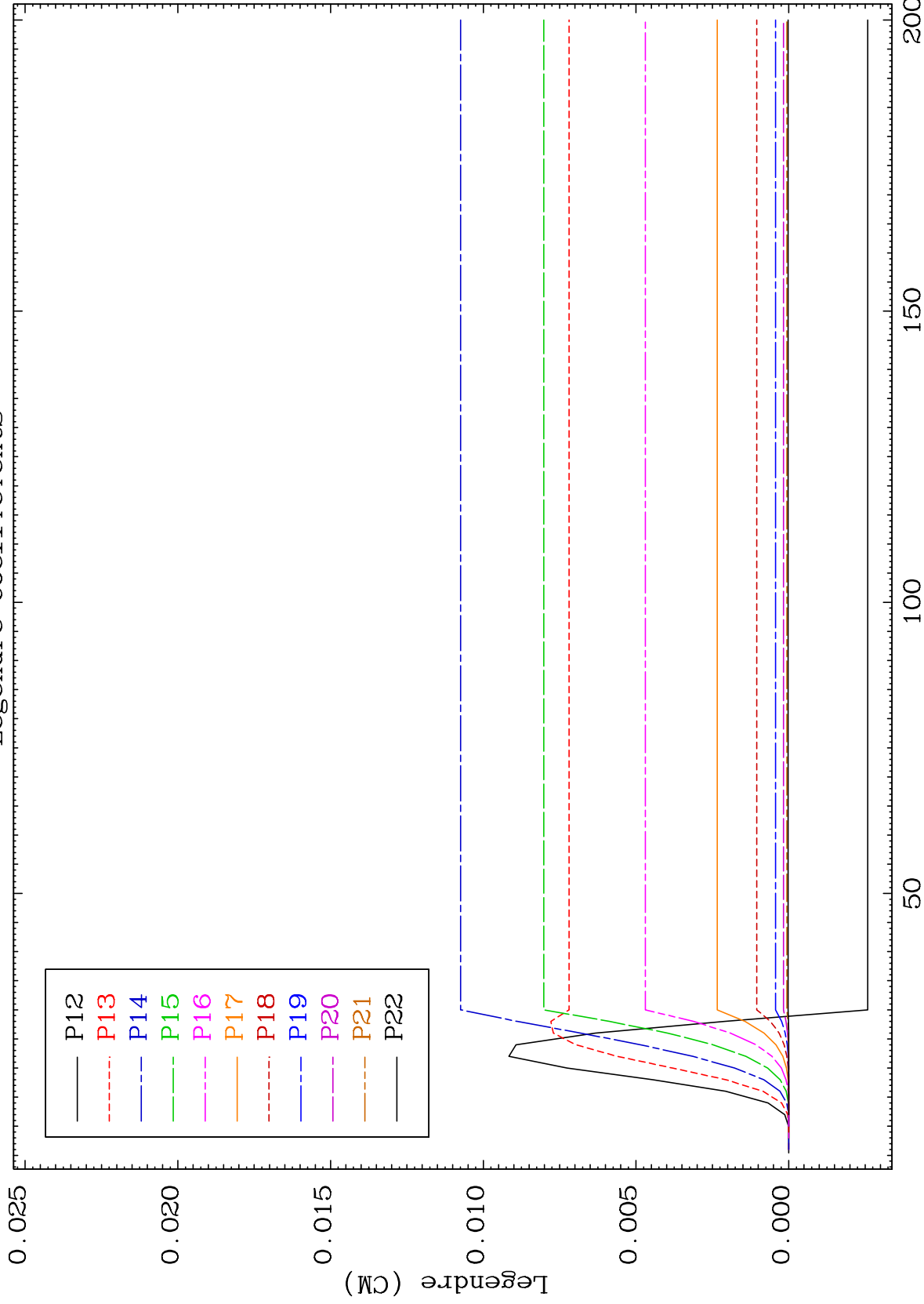
26-Fe-58

Incident Energy (MeV)

84

MAT 2637 MT= 73 (n,n') Level Legendre Coefficients 26-Fe-58

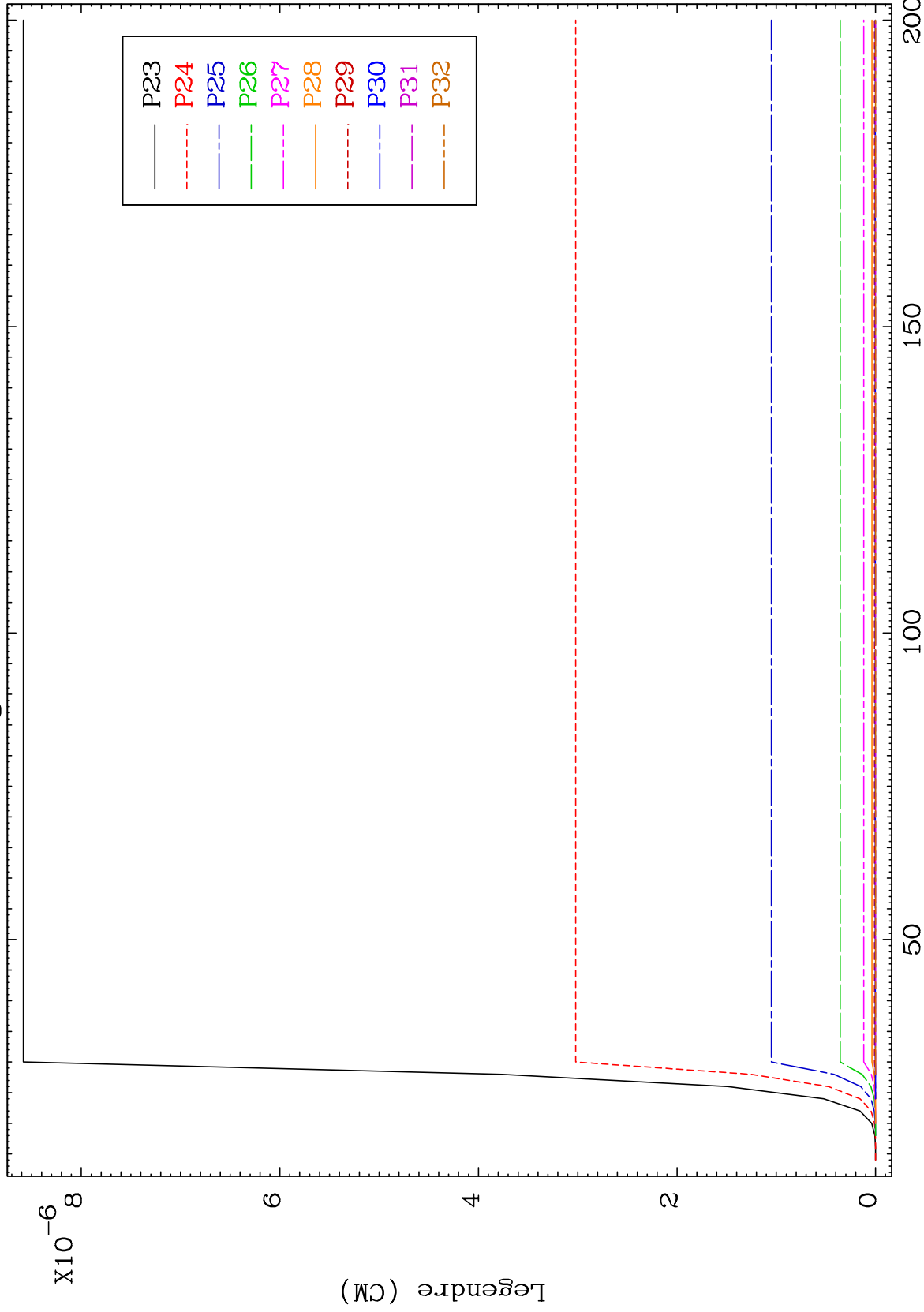




MAT 2637

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

26-Fe-58



87

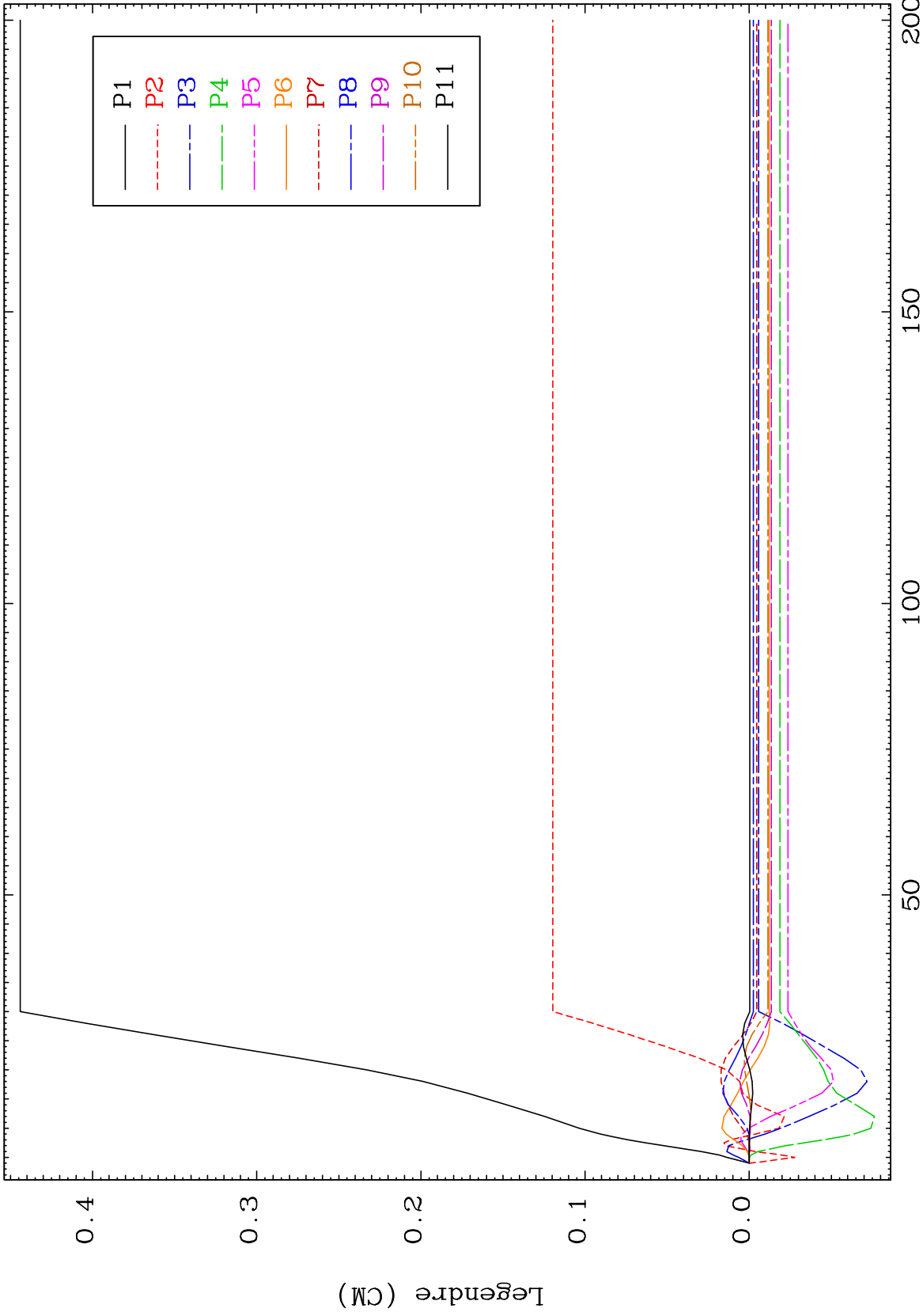
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



88

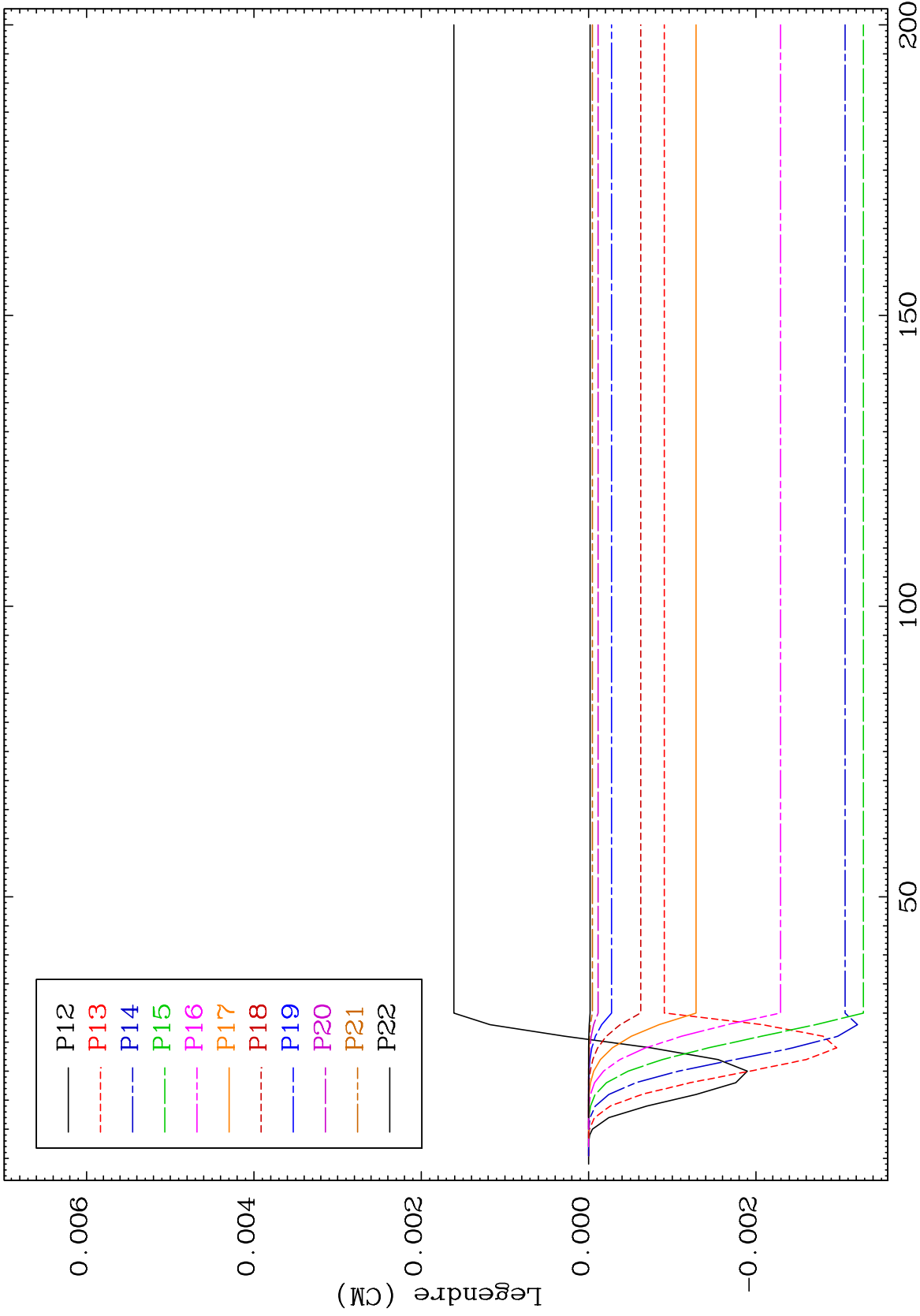
Incident Energy (MeV)

26-Fe-58

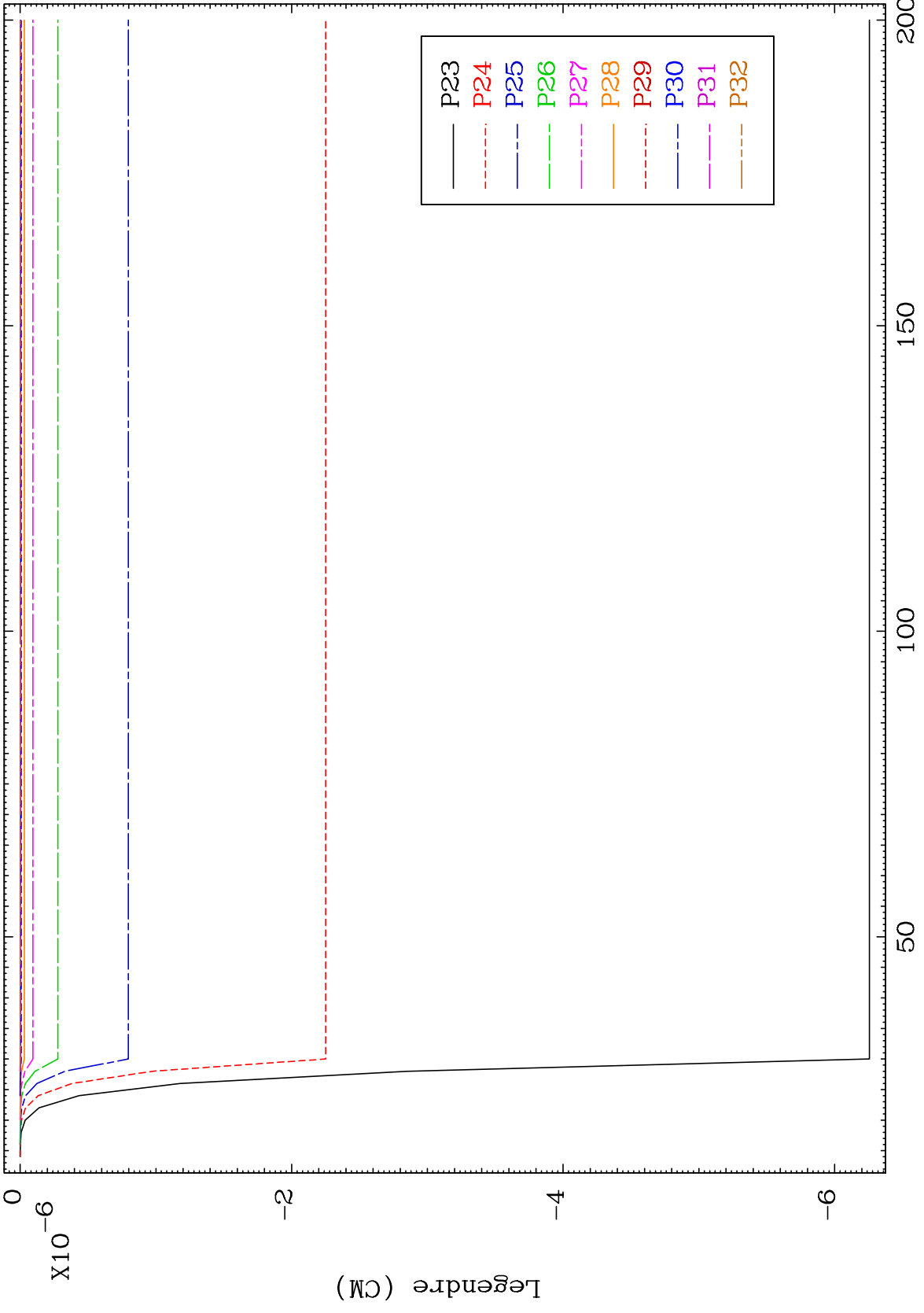
MAT 2637

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

²⁶Fe-58



MAT 2637 MT= 74 (n,n') Level Legendre Coefficients 26-Fe-58

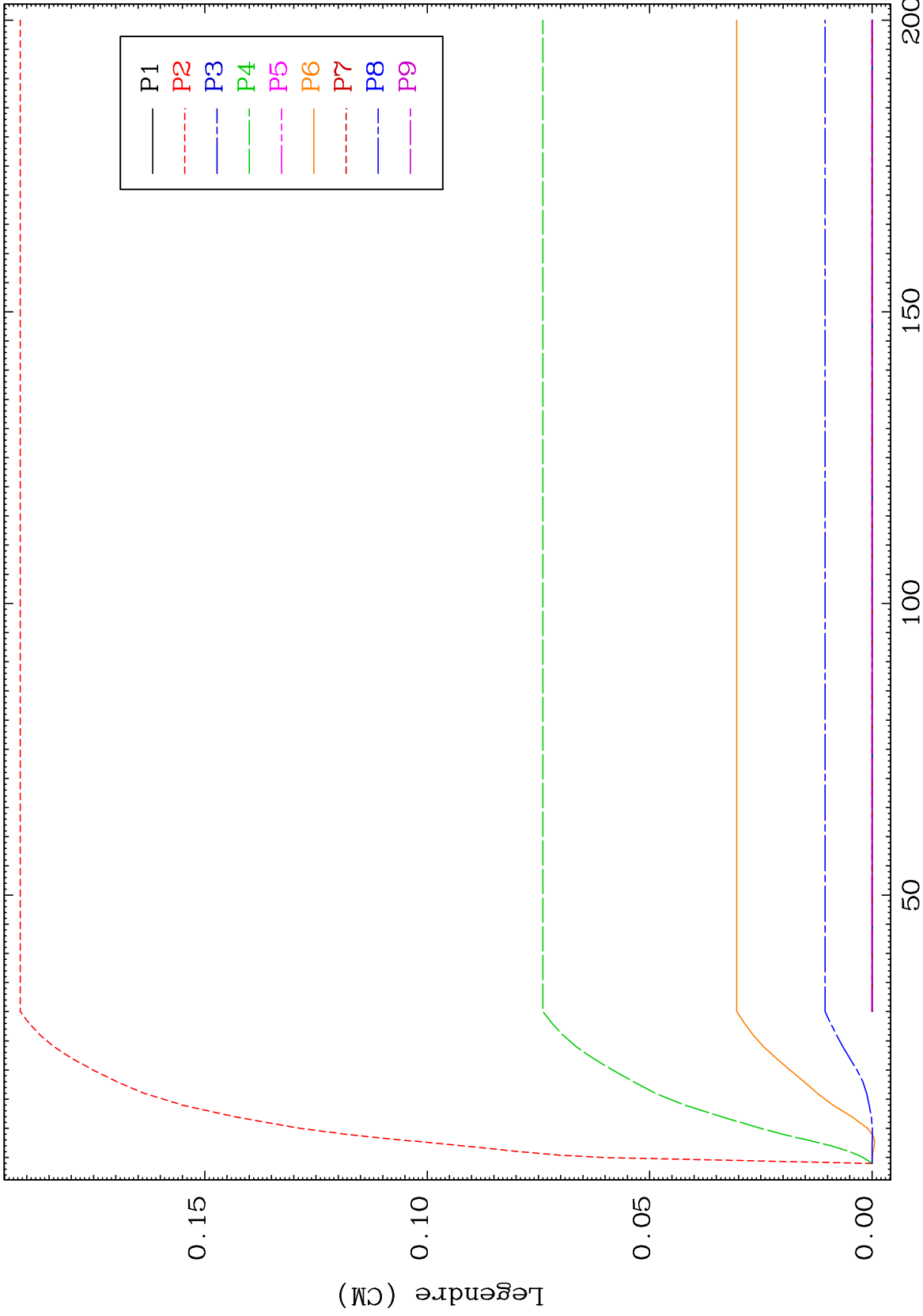


90 50 100 150 200 Incident Energy (MeV) 26-Fe-58

MAT 2637

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

26-Fe-58



91

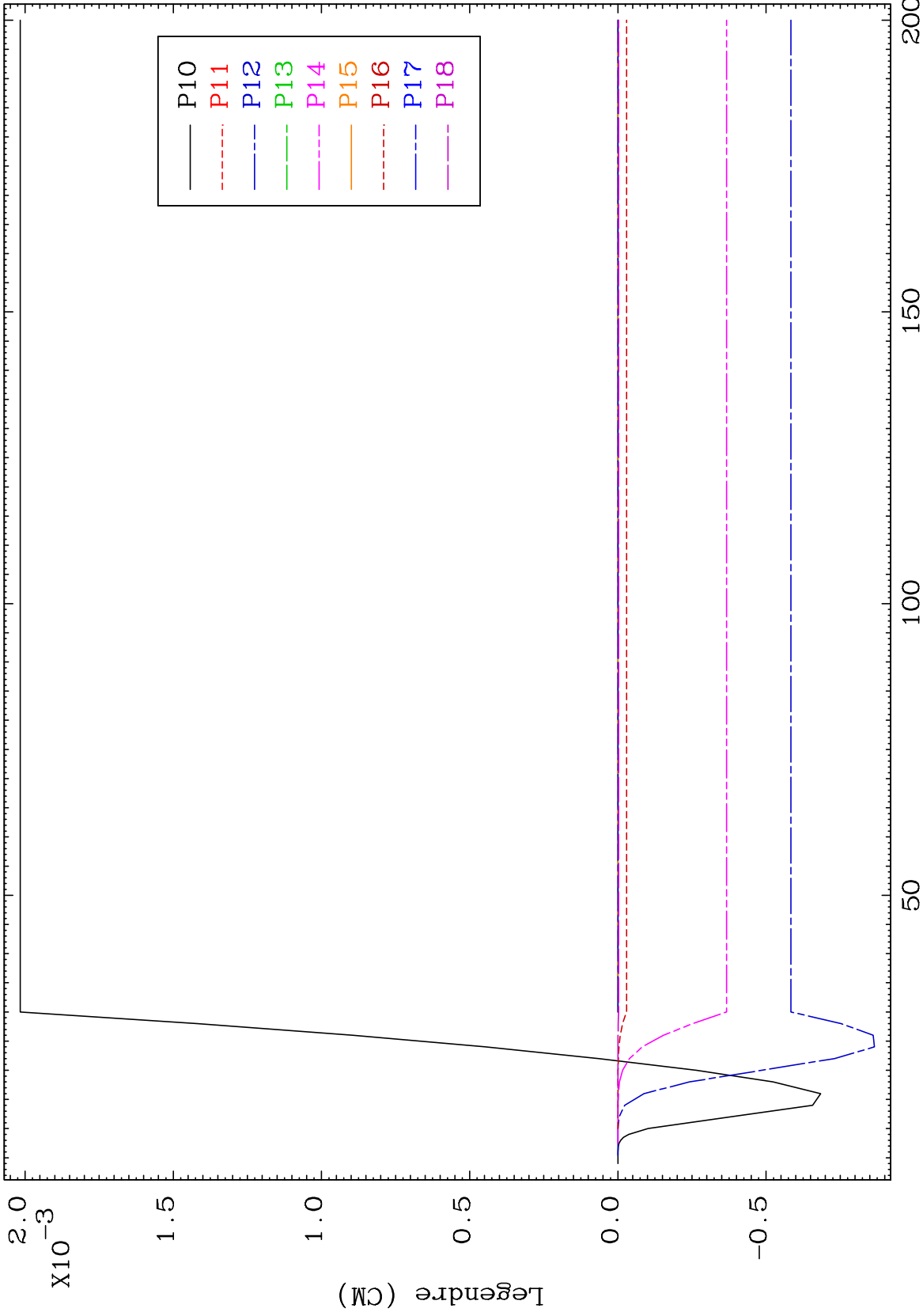
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58

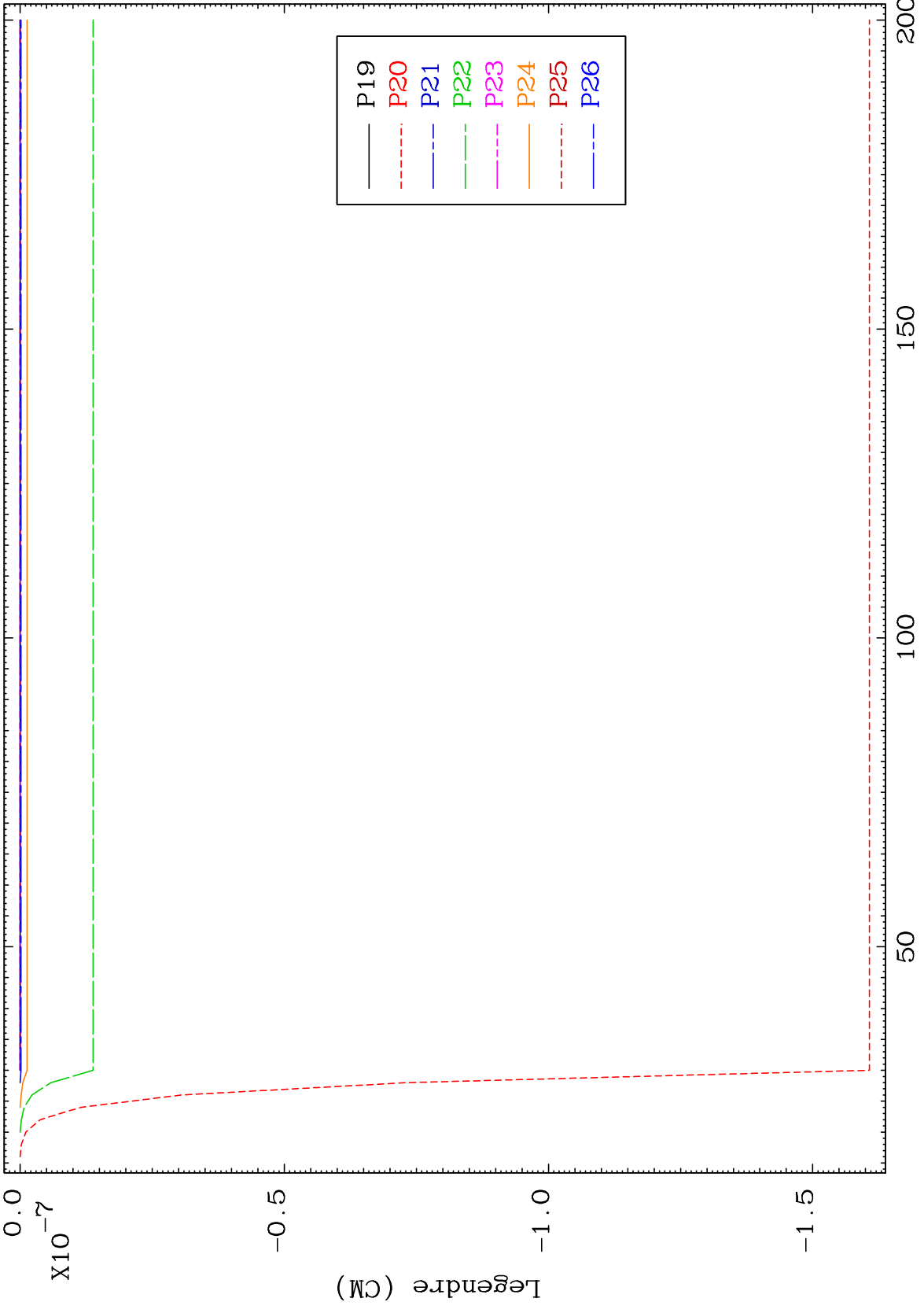


92

Incident Energy (MeV)

26-Fe-58

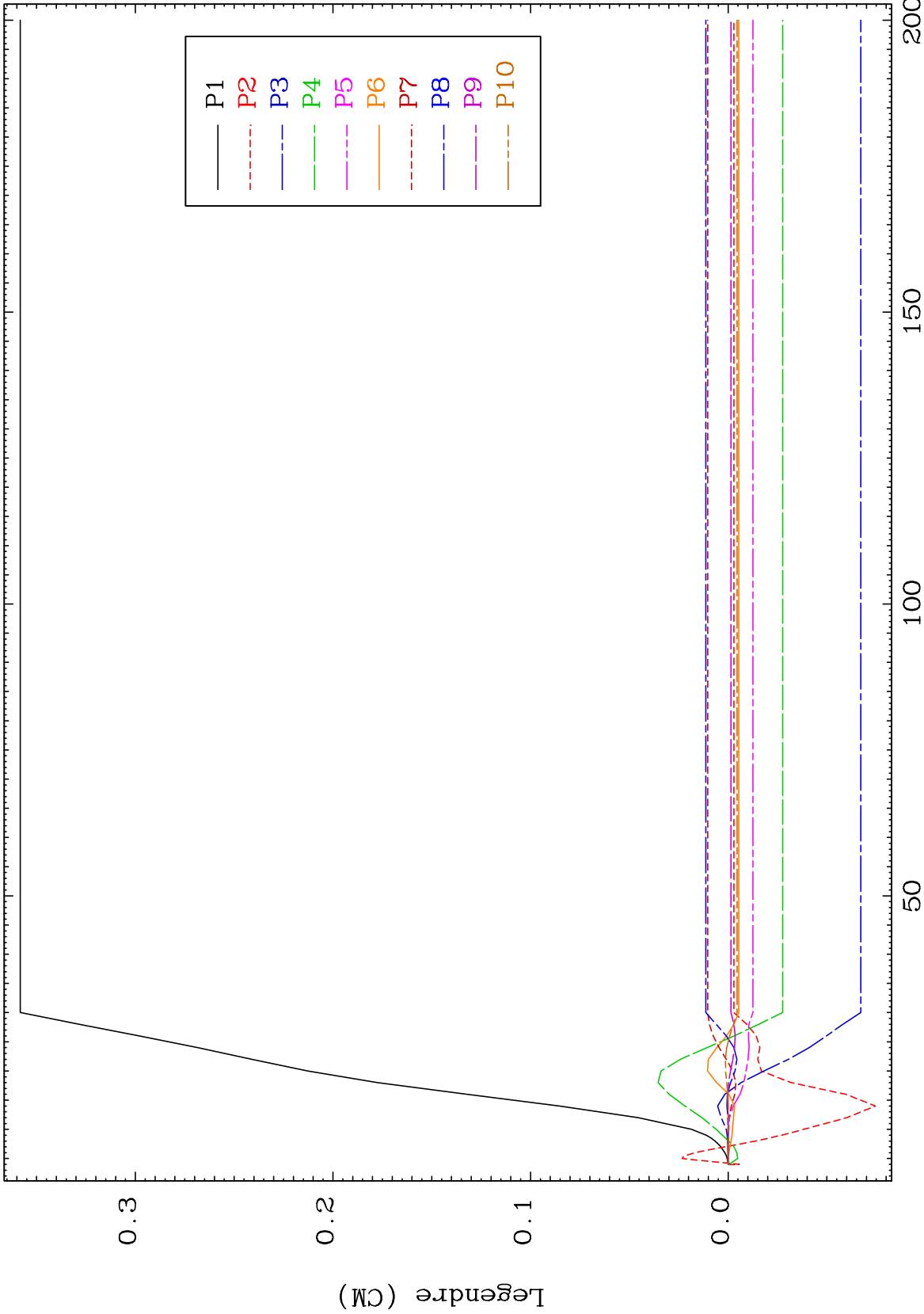
MAT 2637 MT= 75 (n,n') Level Legendre Coefficients 26-Fe-58



MAT 2637

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

26-Fe-58



94

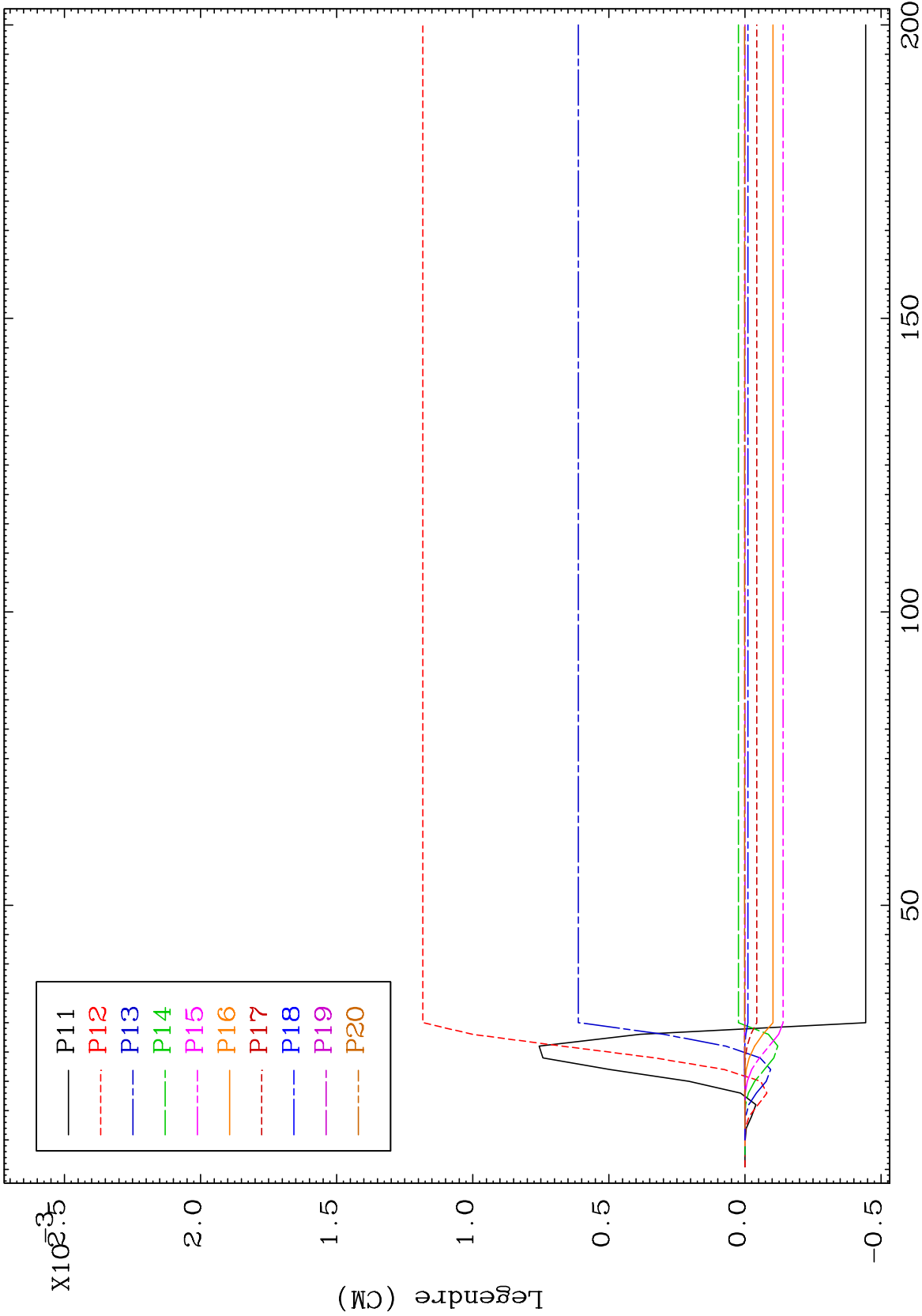
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

²⁶Fe-58



95

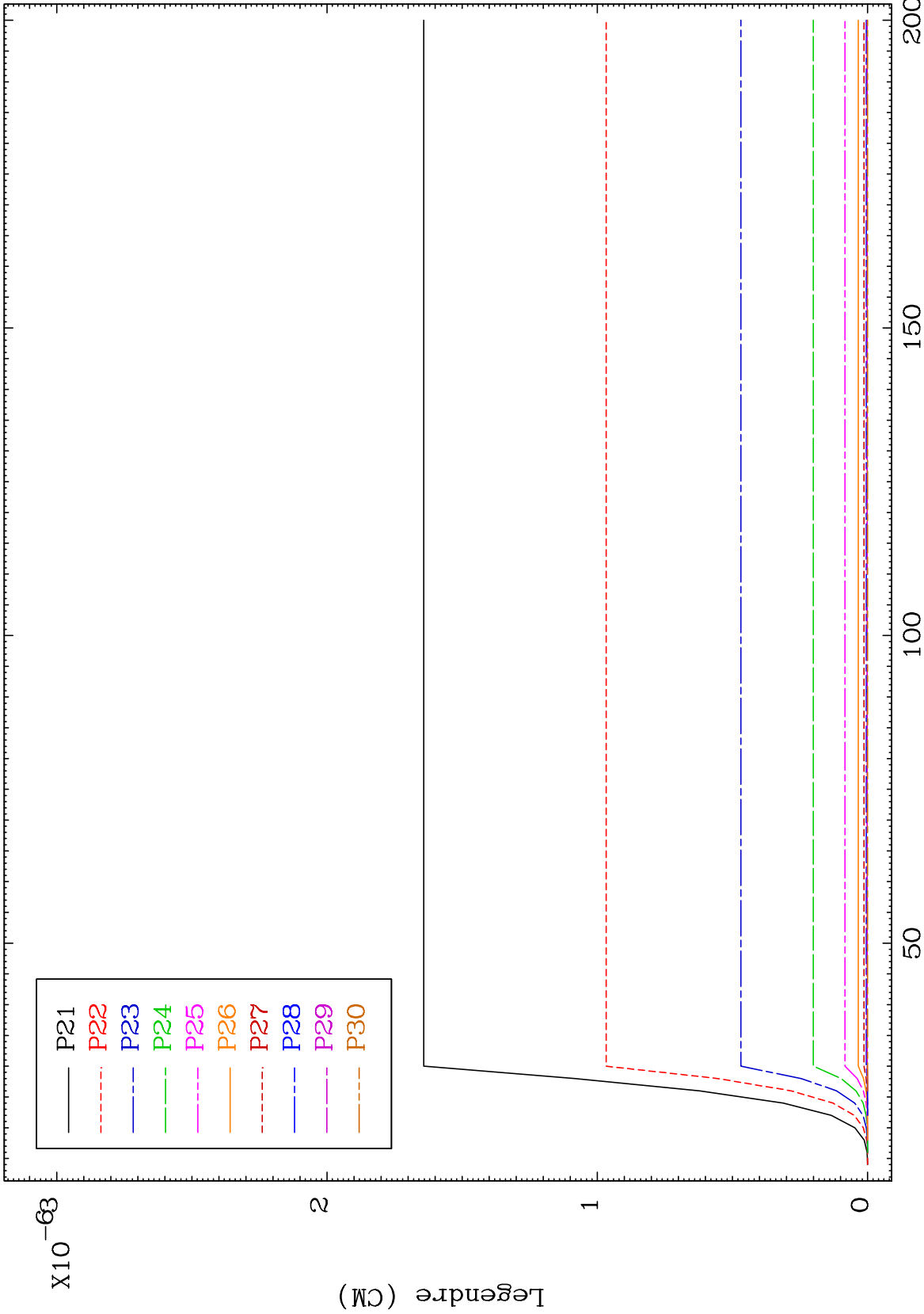
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

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

²⁶Fe-58



96

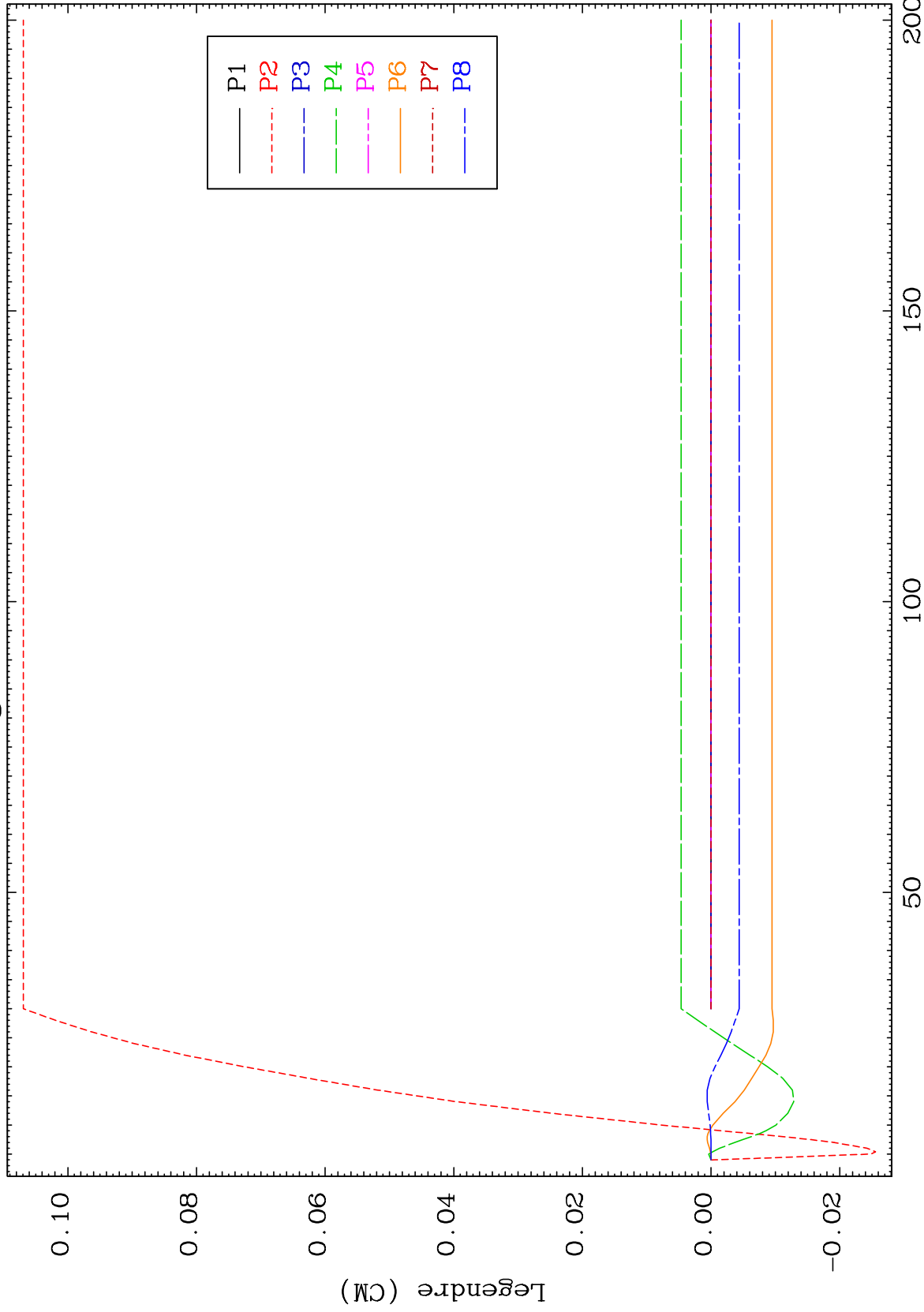
Incident Energy (MeV)

²⁶Fe-58

MAT 2637

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

26-Fe-58



97

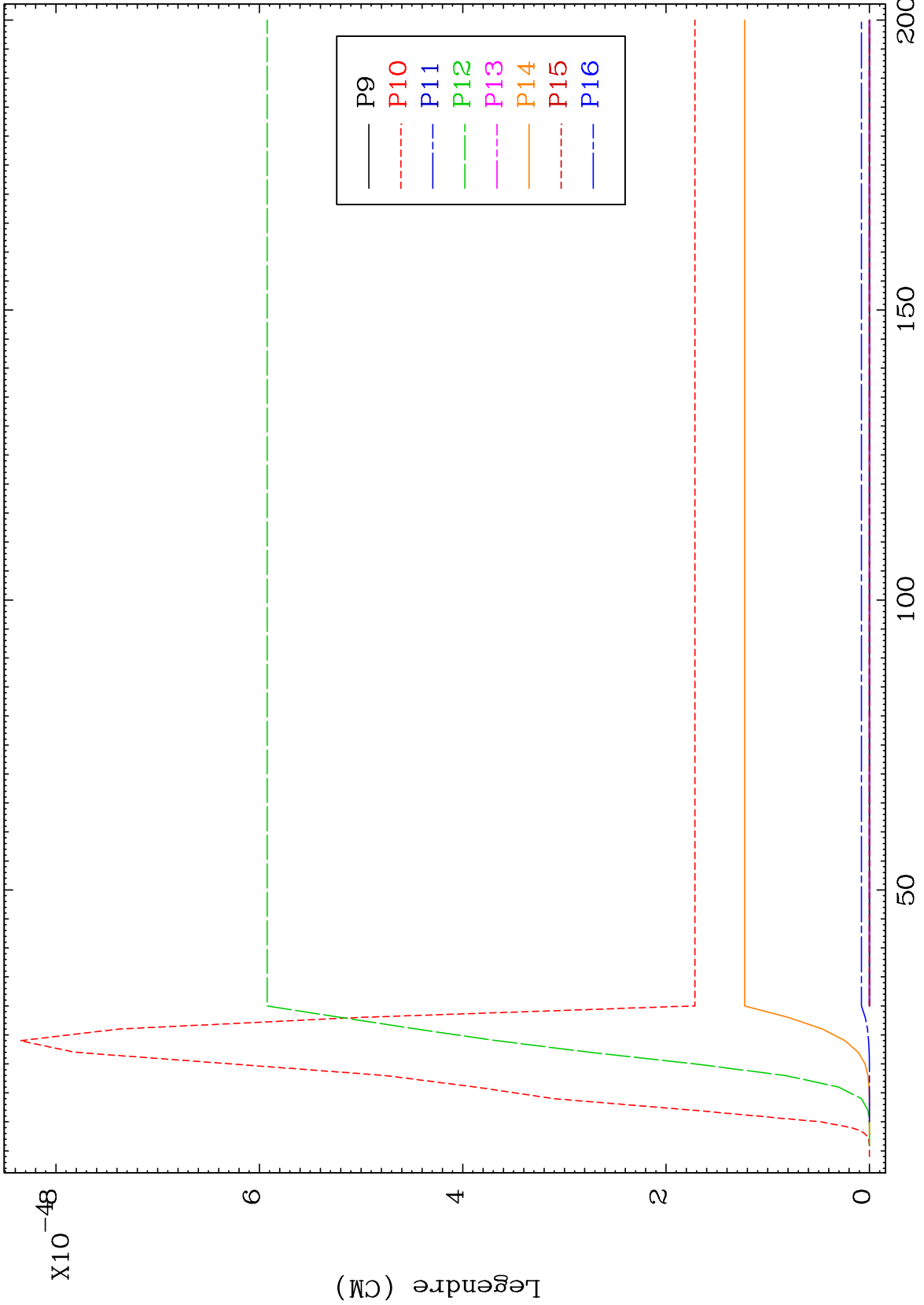
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



98

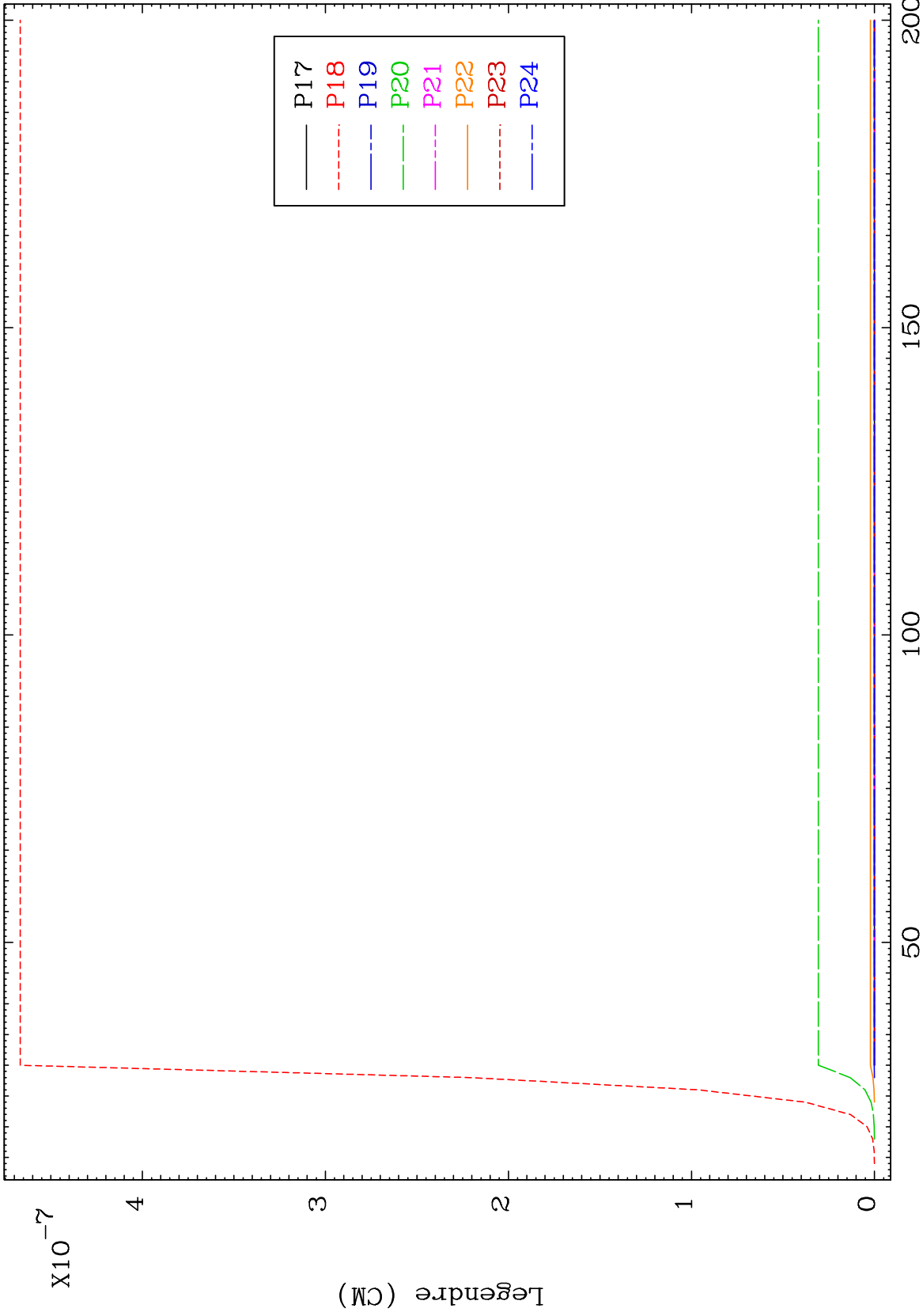
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



99

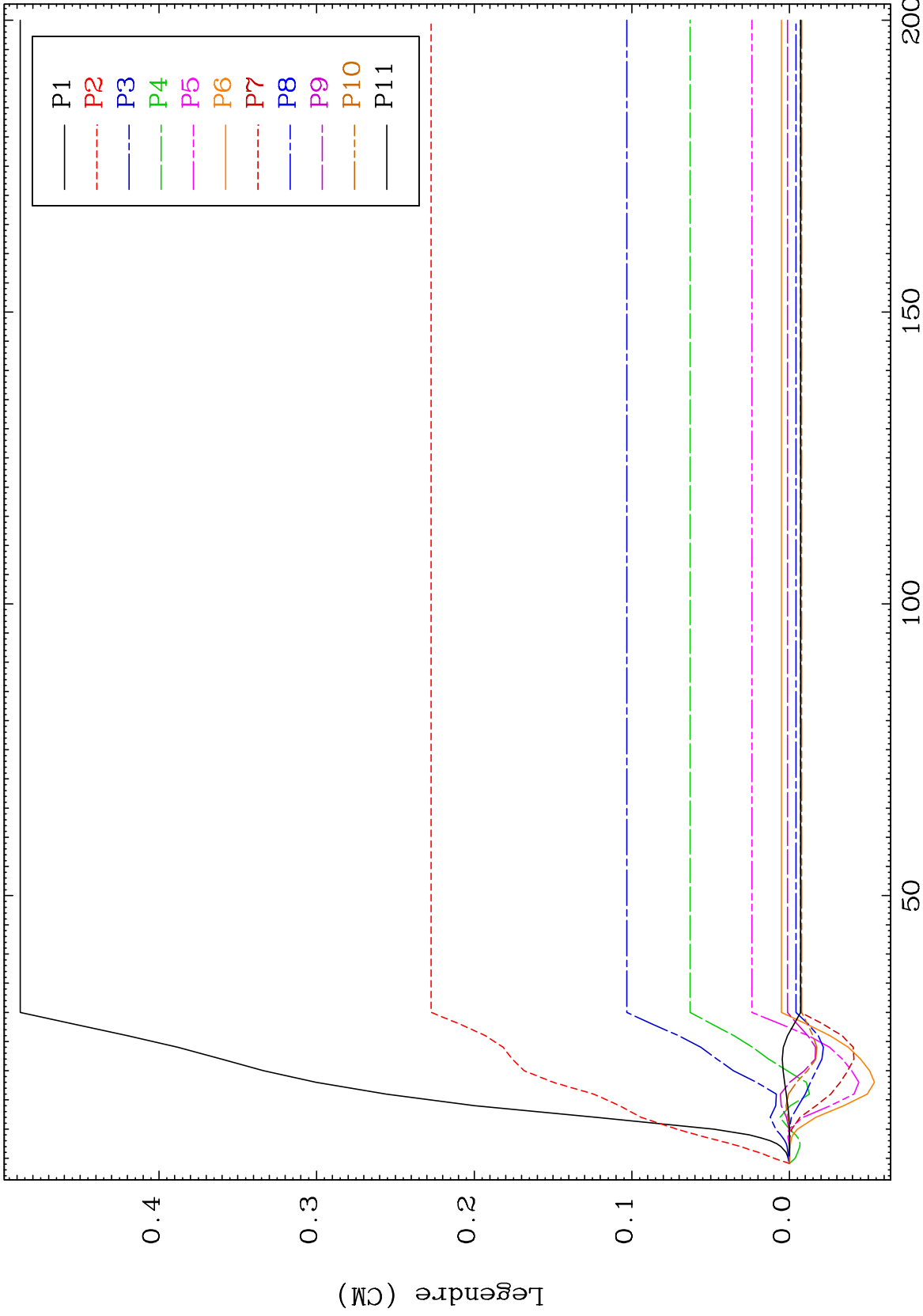
Incident Energy (MeV)

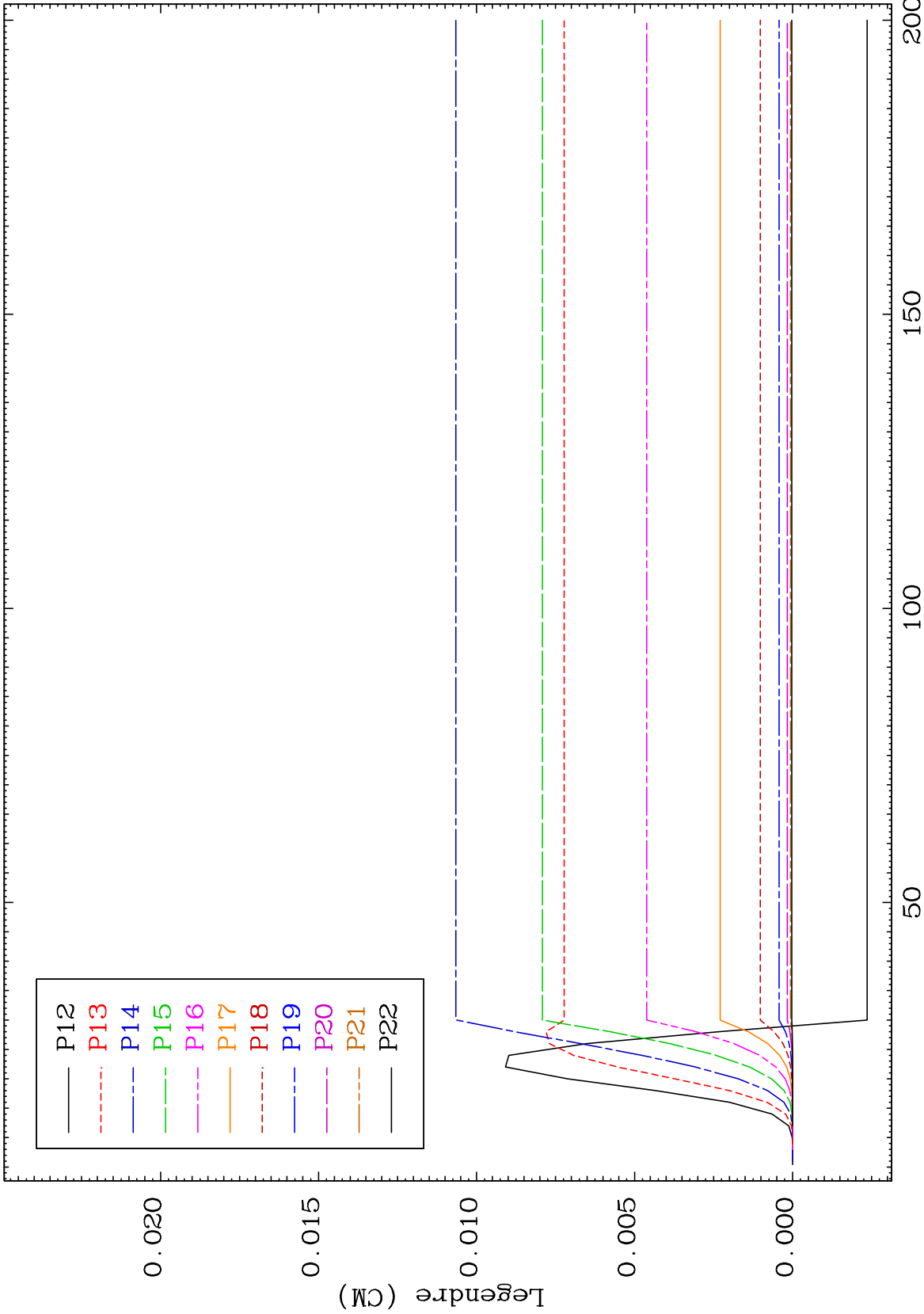
26-Fe-58

MAT 2637

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

26-Fe-58

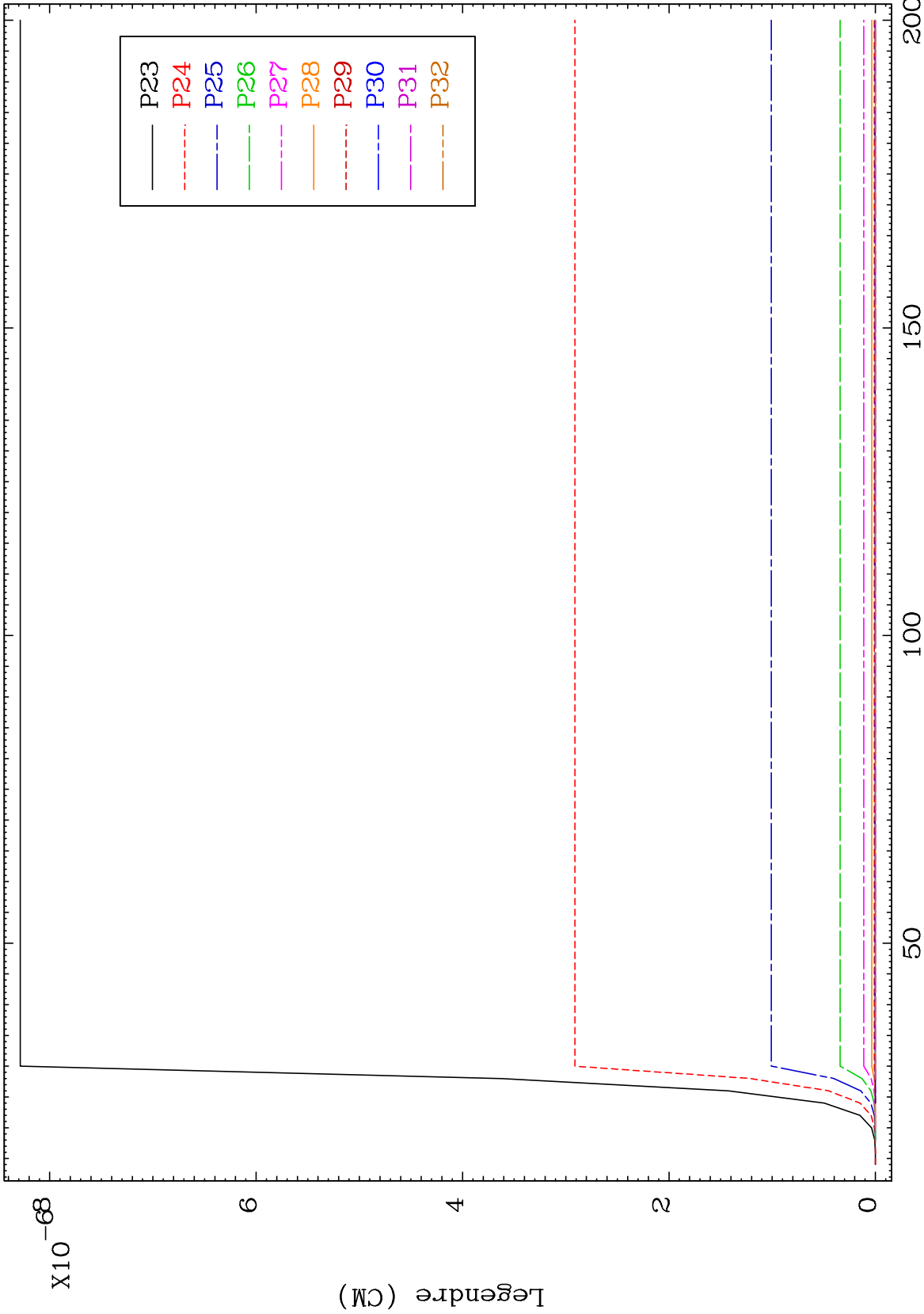




MAT 2637

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

26-Fe-58



102

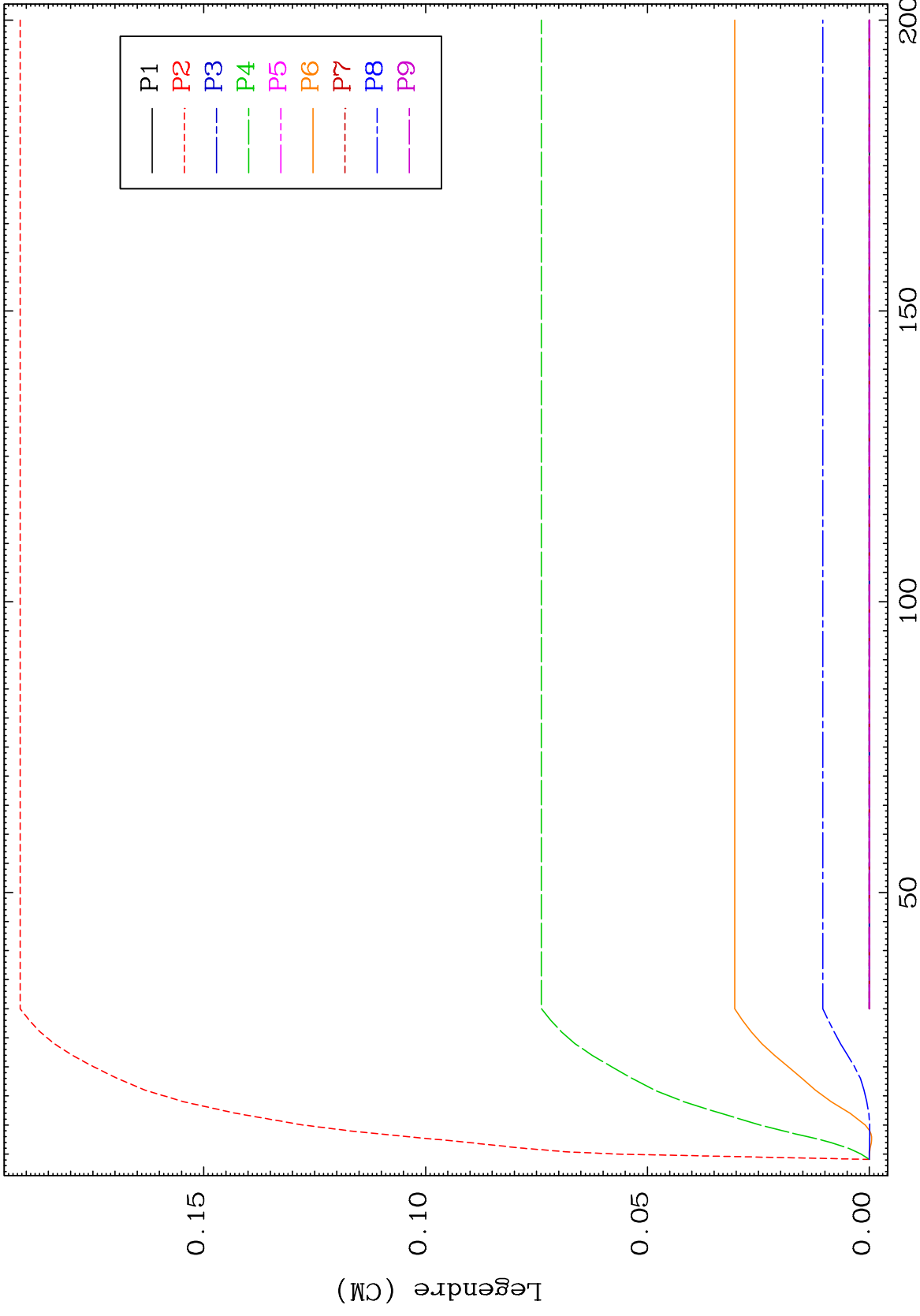
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



103

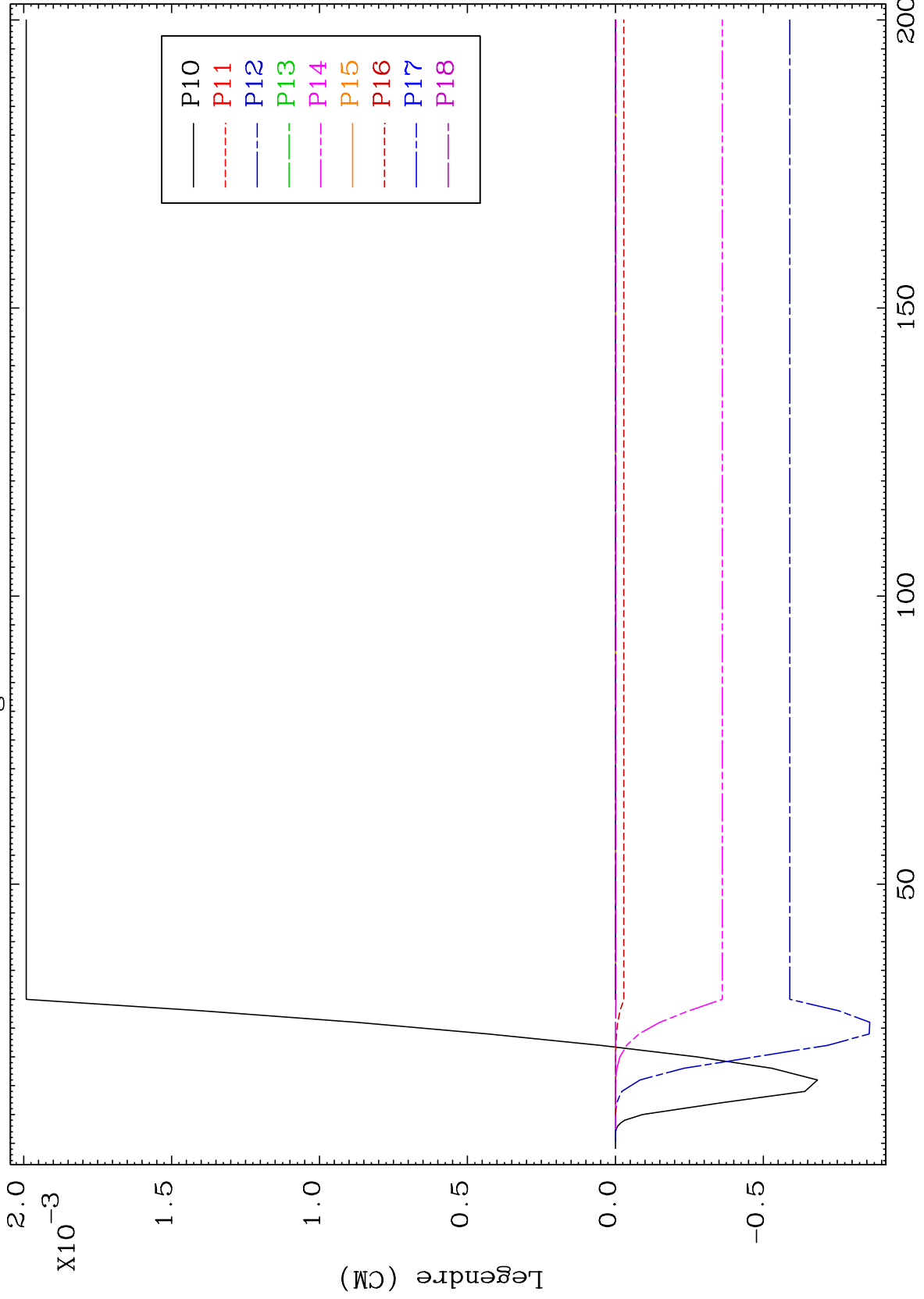
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

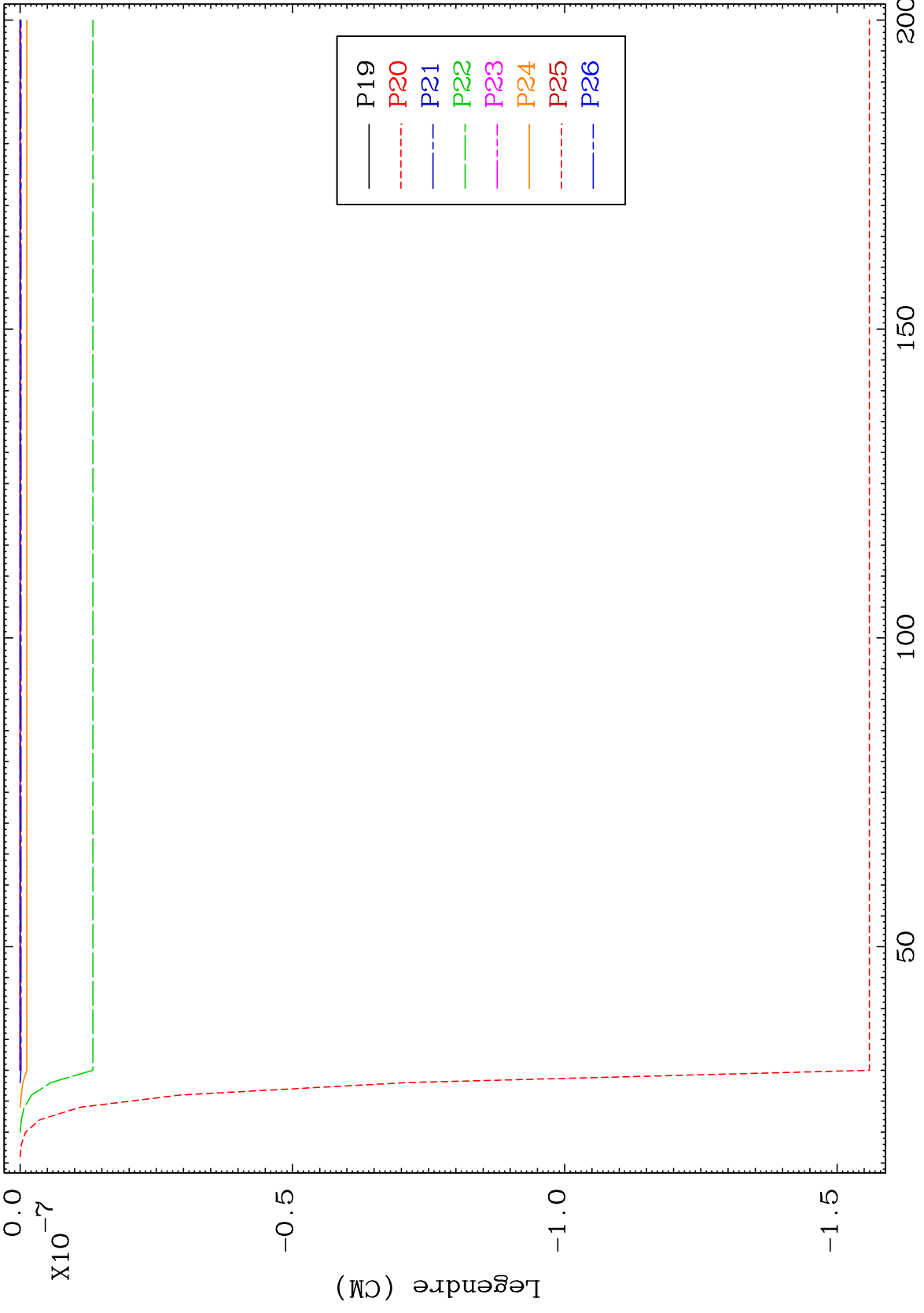
26-Fe-58



104

26-Fe-58

MAT 2637 MT= 79 (n,n') Level Legendre Coefficients 26-Fe-58

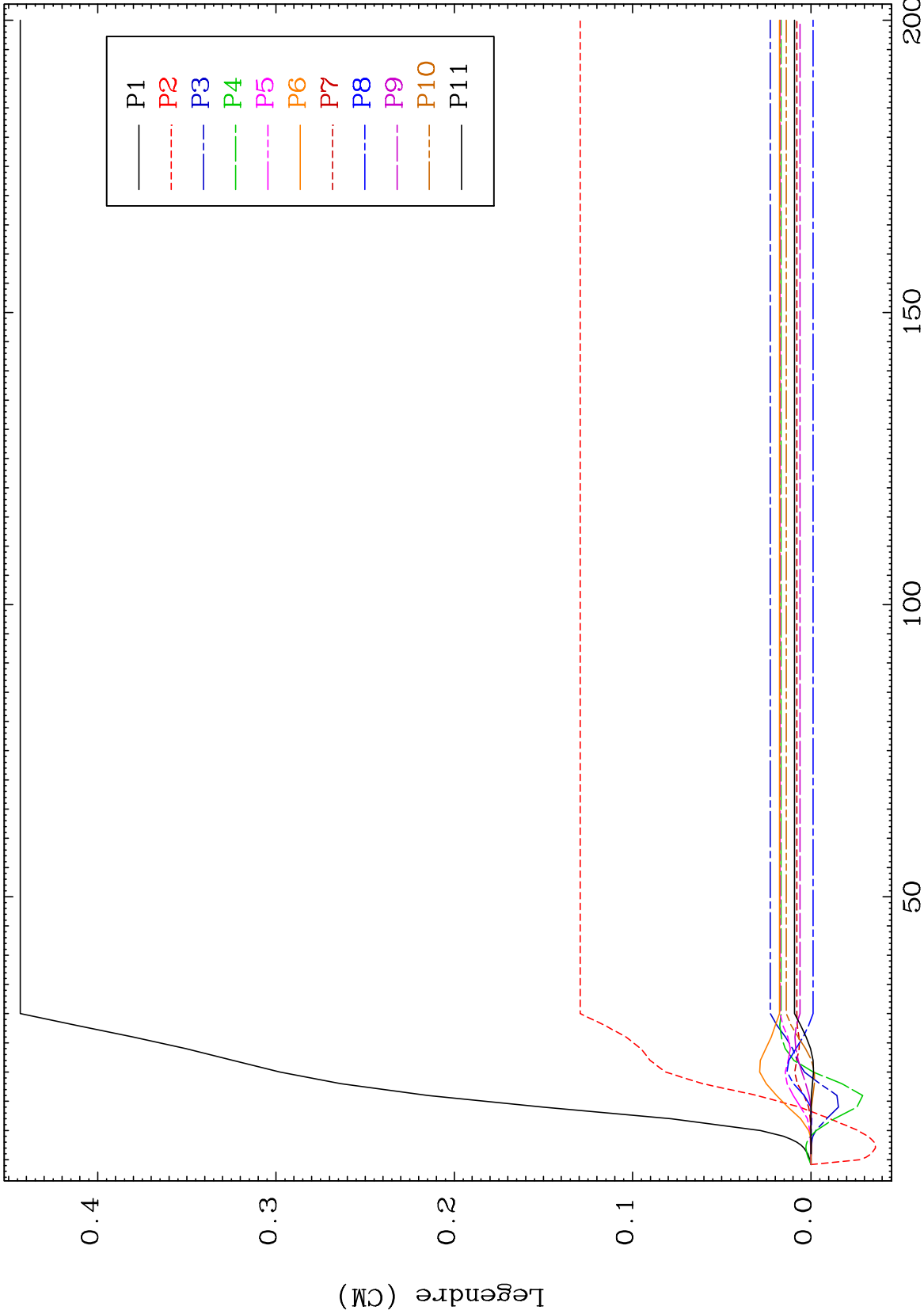


105 Incident Energy (MeV) 200 26-Fe-58

MAT 2637

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

26-Fe-58



106

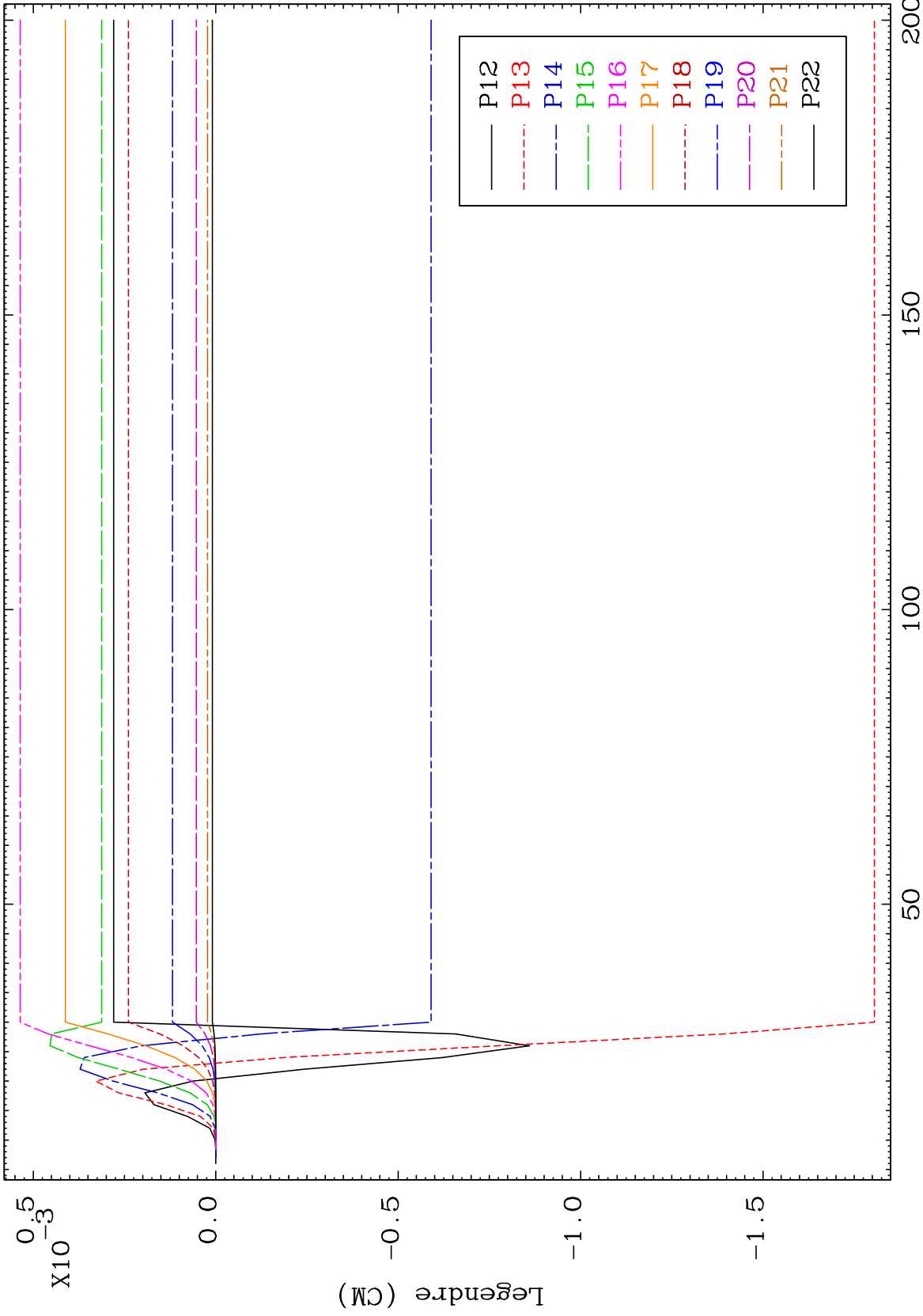
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



107

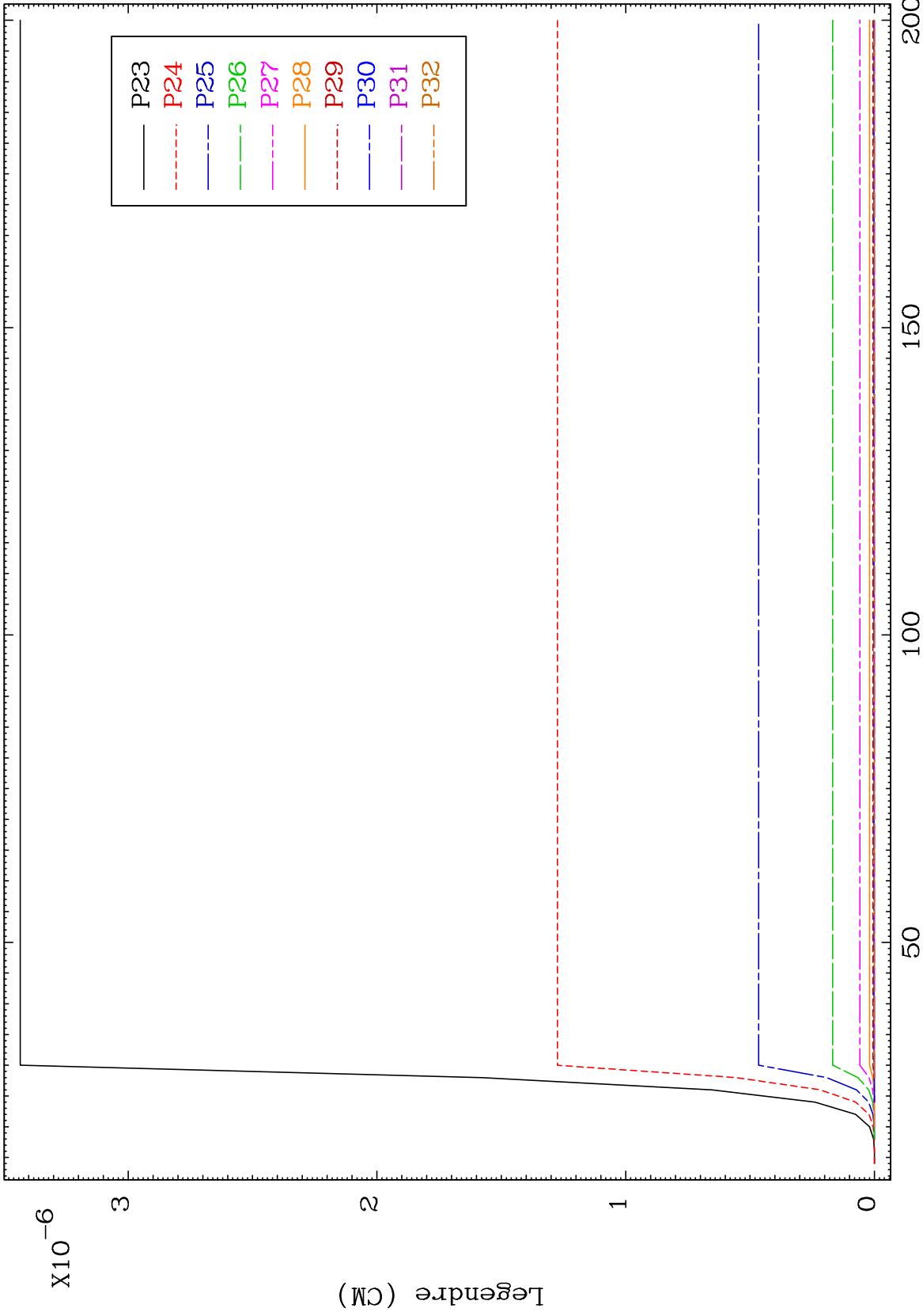
Incident Energy (MeV)

26-Fe-58

MAT 2637

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

26-Fe-58



108

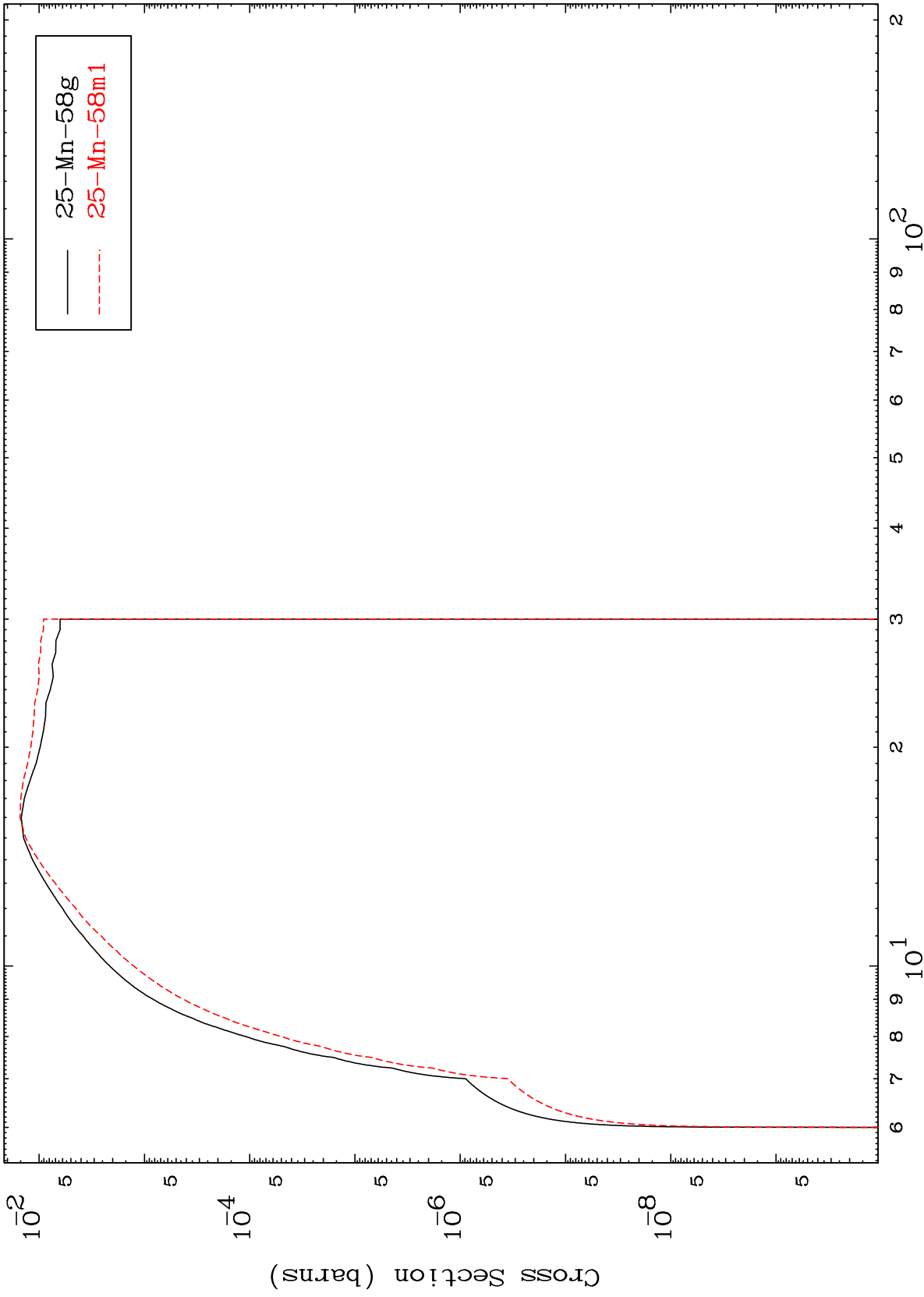
Incident Energy (MeV)

26-Fe-58

MAT 2637

²⁶Fe-58

Radionuclide Production Cross Section (n,p)



²⁶Fe-58

Incident Energy (MeV)

109