

Program EVALPLOT
(Version 2018-1)

by

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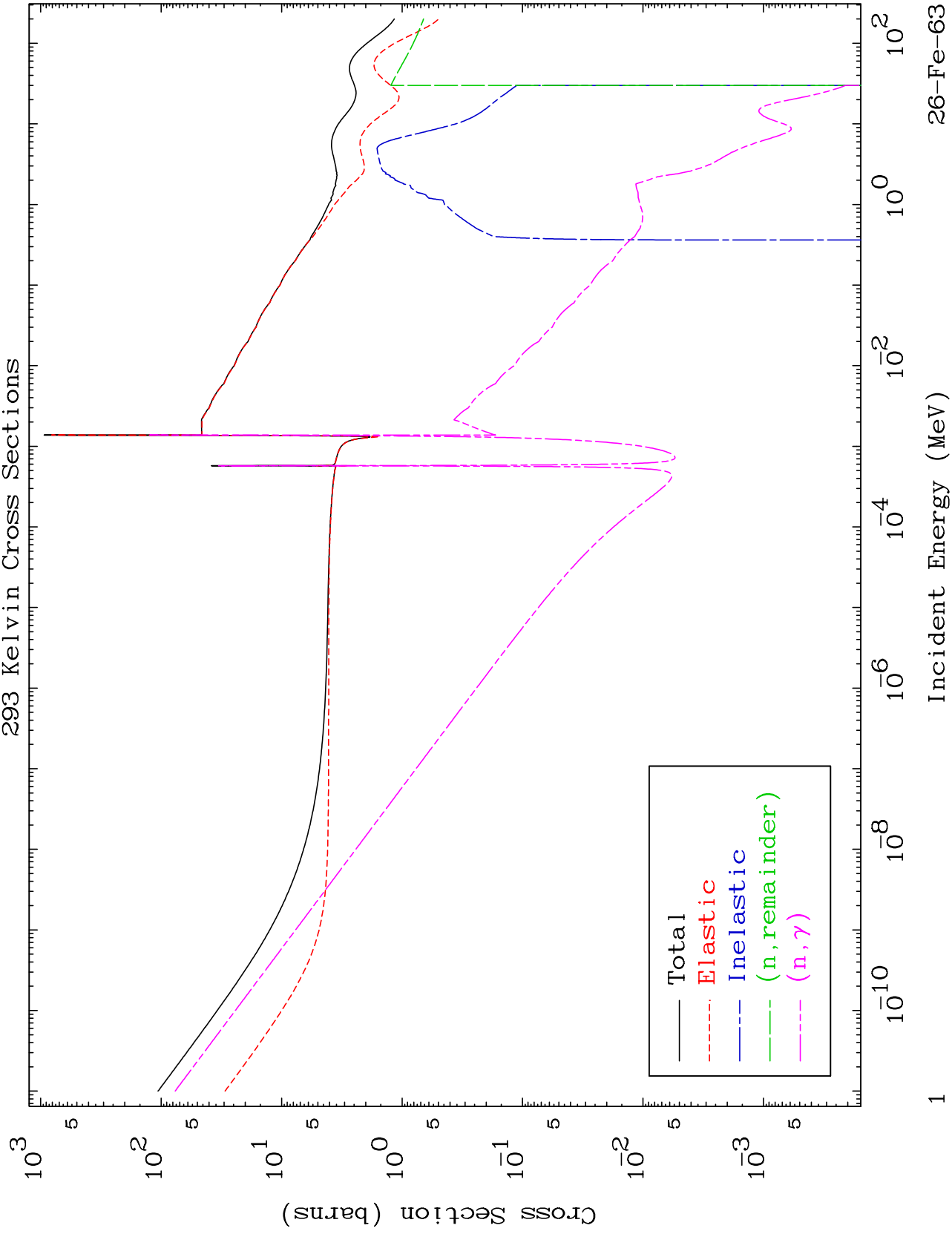
Press Mouse Button to Start

MAT 2652

Major

293 Kelvin Cross Sections

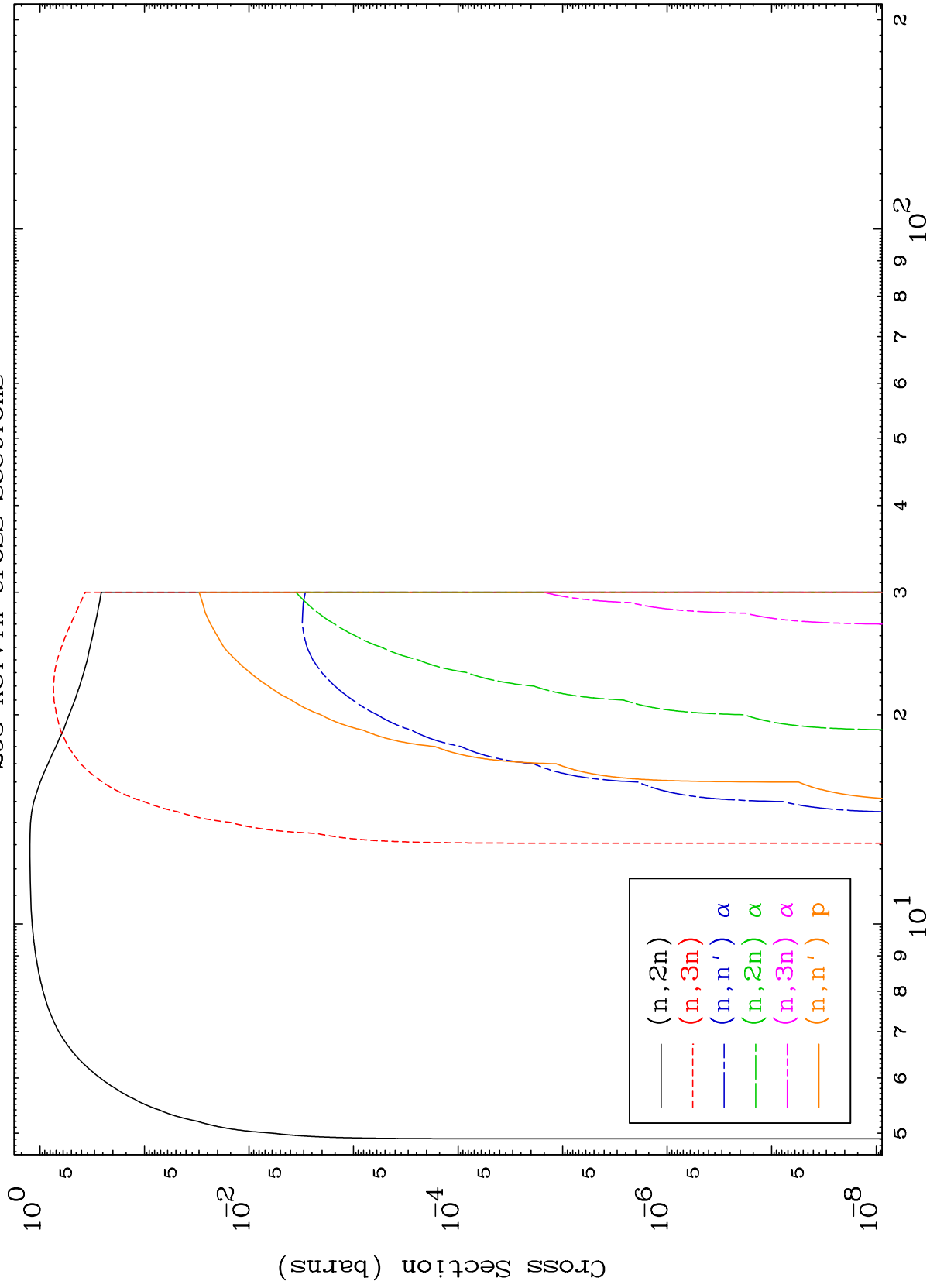
26-Fe-63



MAT 2652

Neutron Production
293 Kelvin Cross Sections

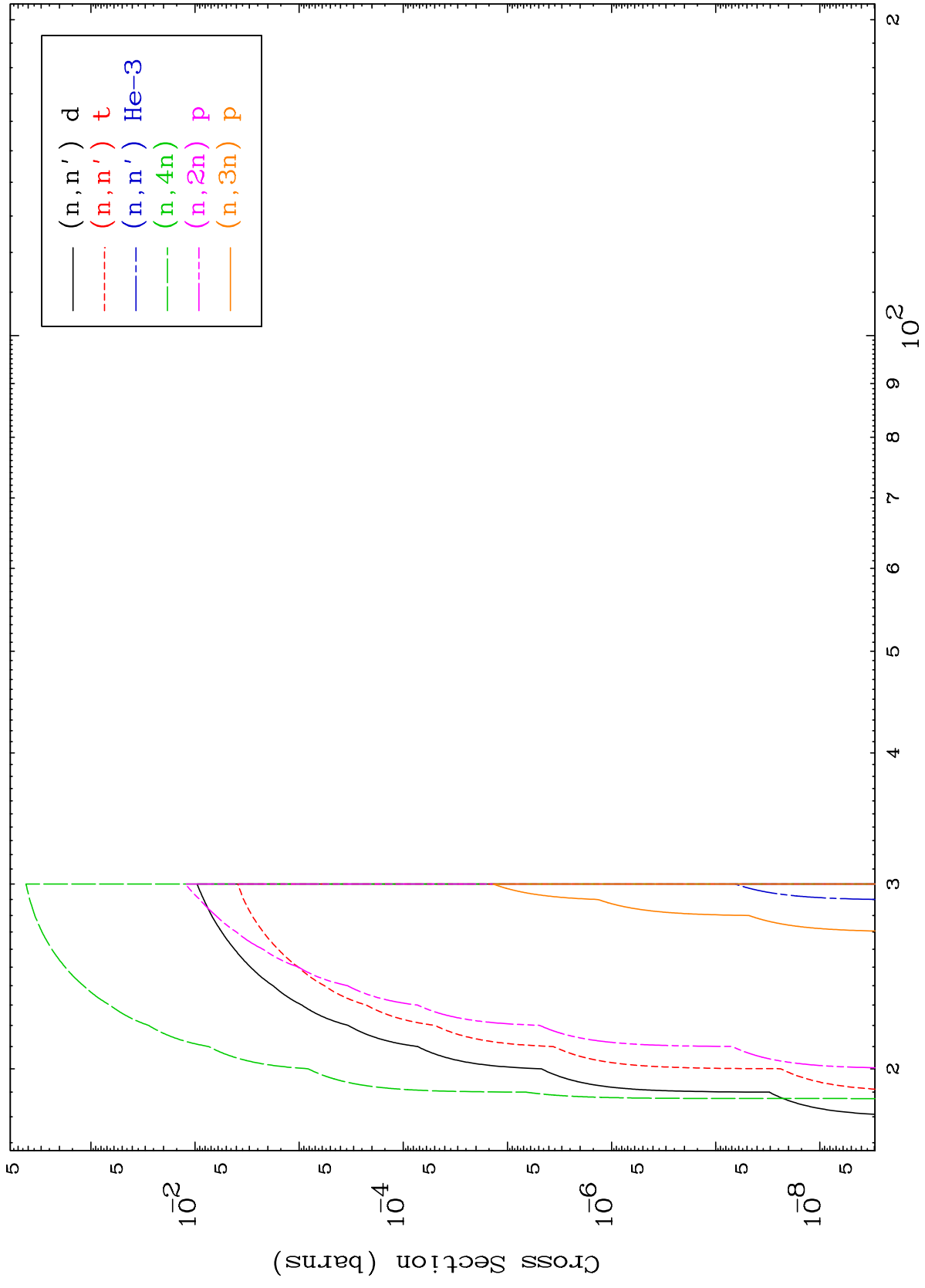
²⁶Fe-63



2

Incident Energy (MeV)

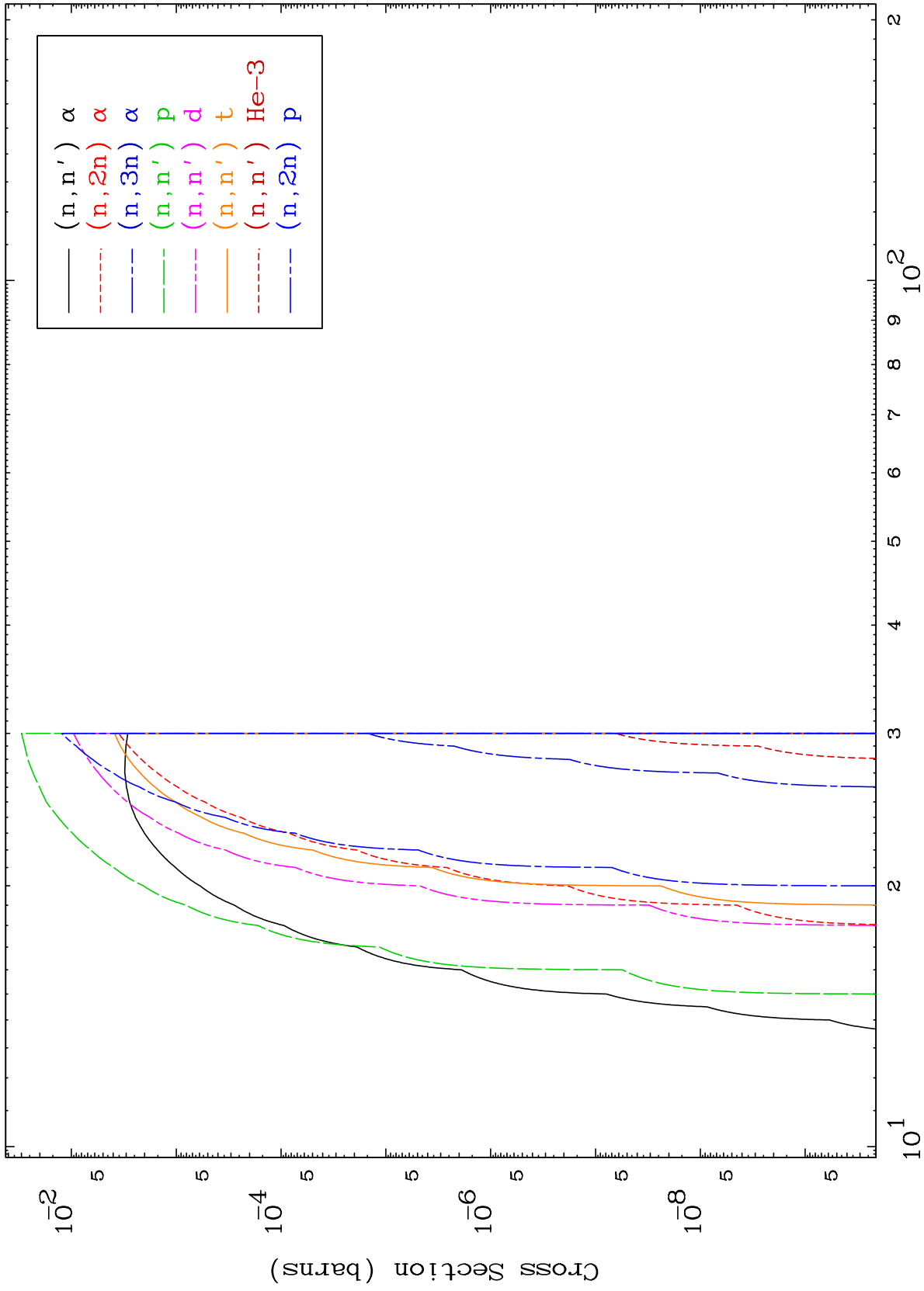
²⁶Fe-63



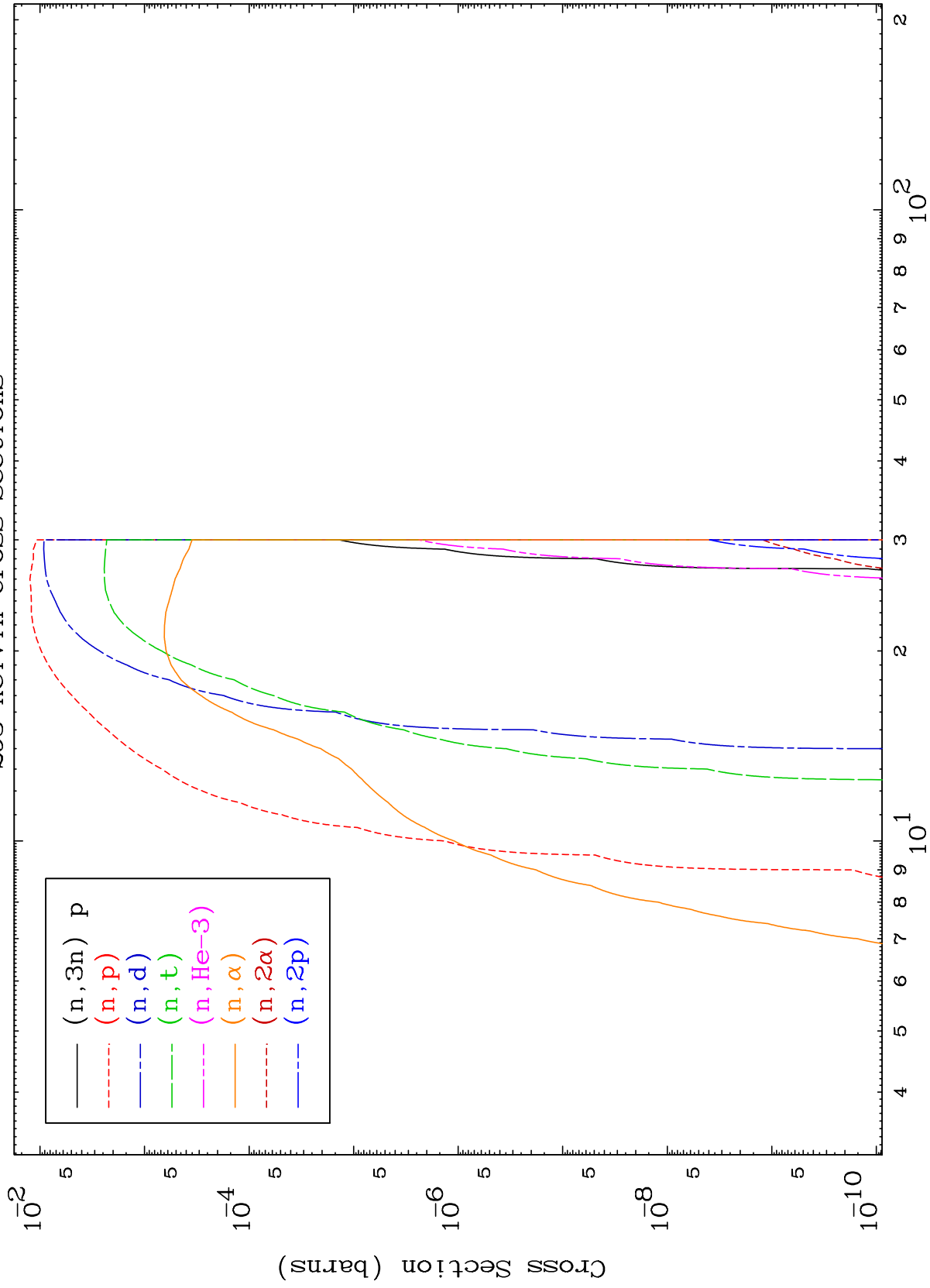
MAT 2652

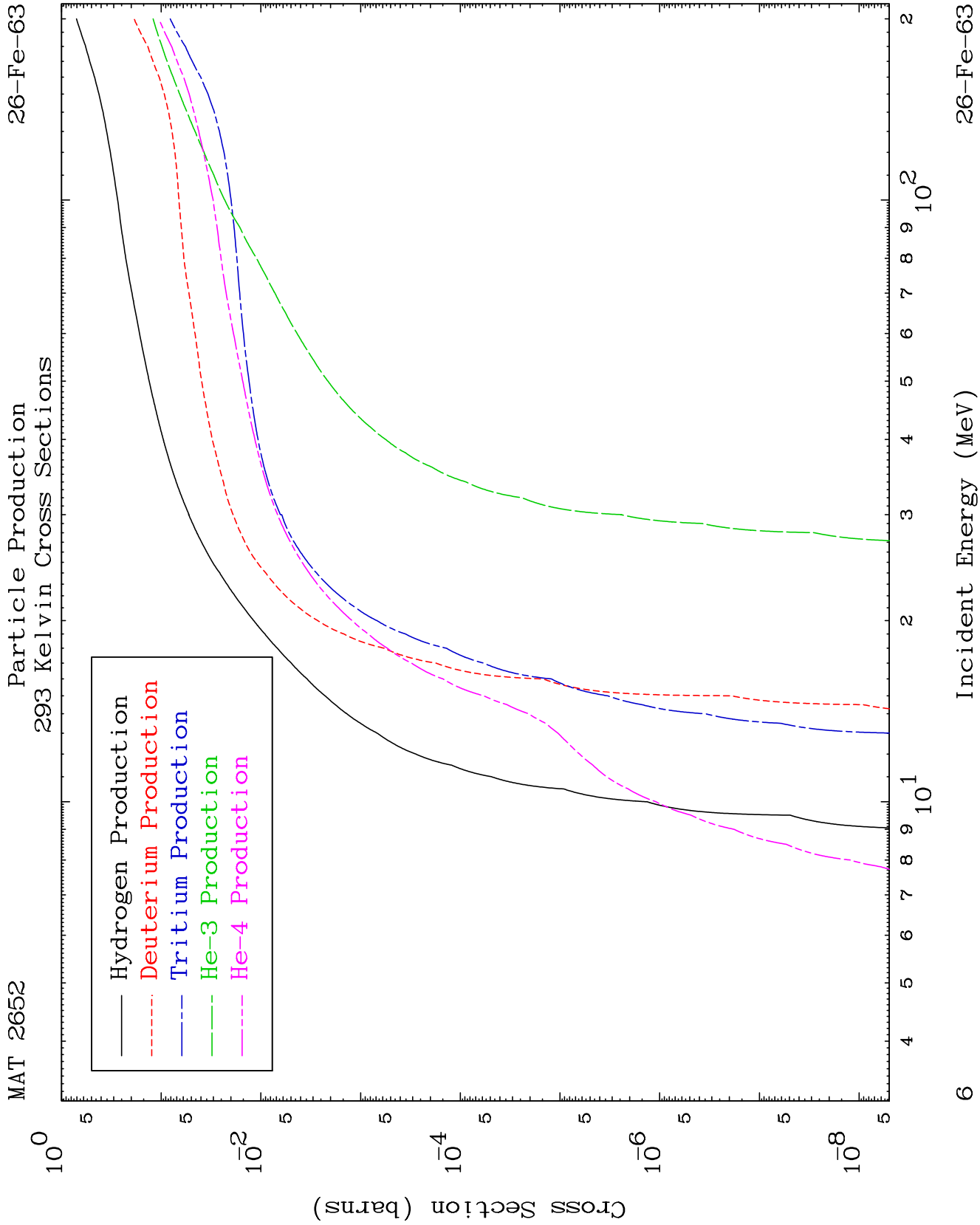
Charged Particle
293 Kelvin Cross Sections

²⁶Fe-63



26-Fe-63

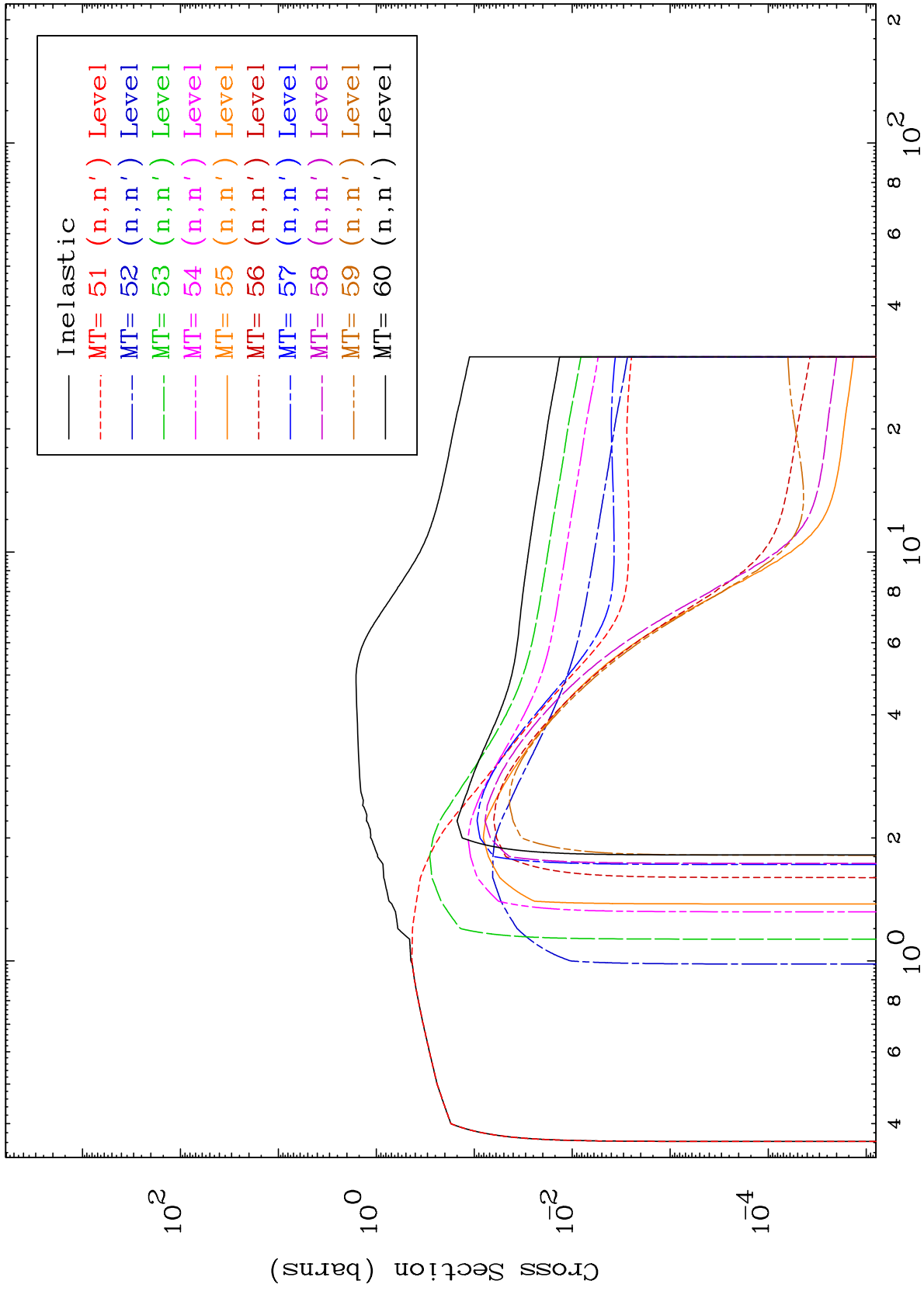




MAT 2652

(n,n') Level
293 Kelvin Cross Sections

26-Fe-63



7

Incident Energy (MeV)

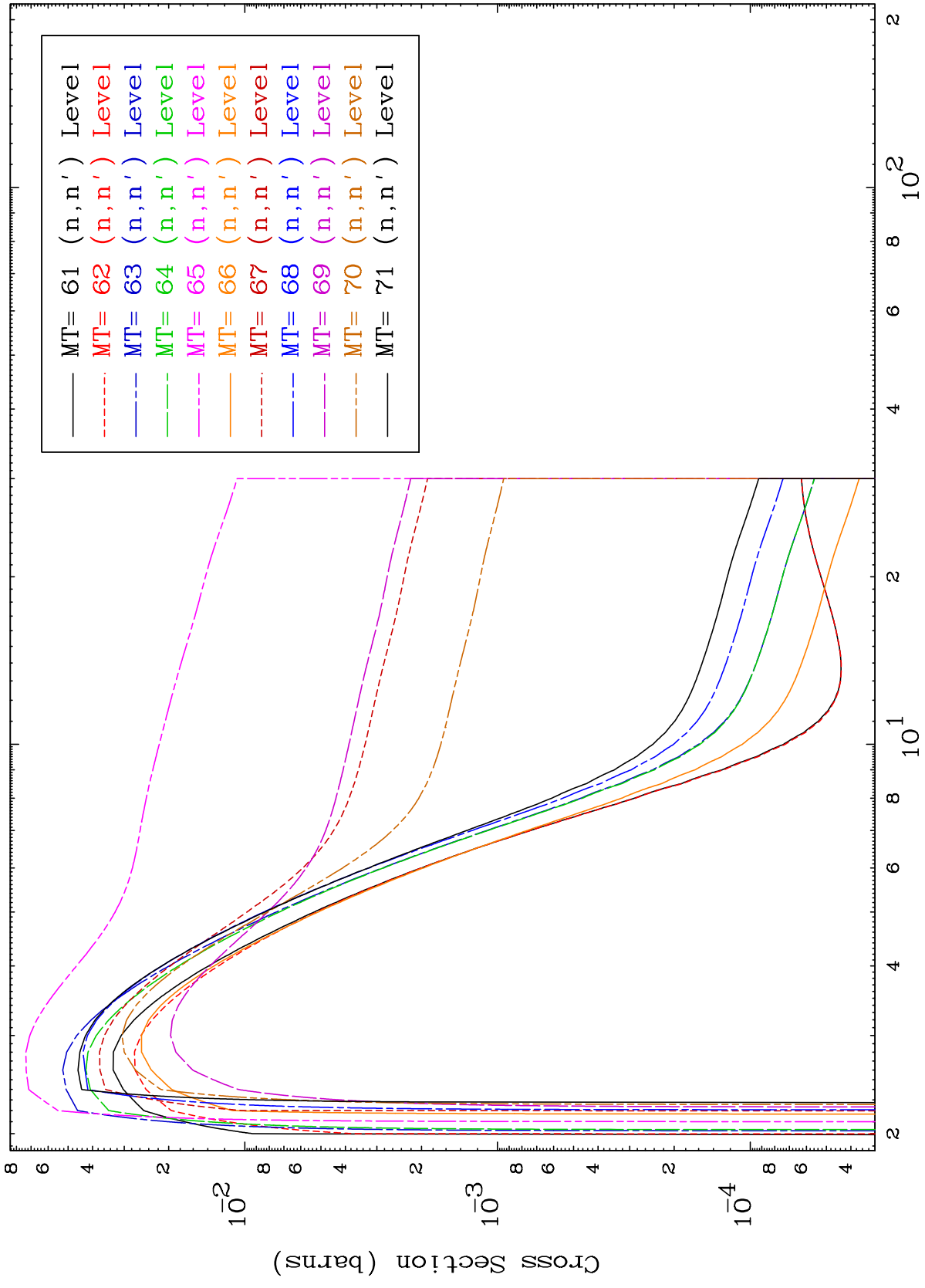
26-Fe-63

MAT 2652

(n,n') Level

26-Fe-63

293 Kelvin Cross Sections



8

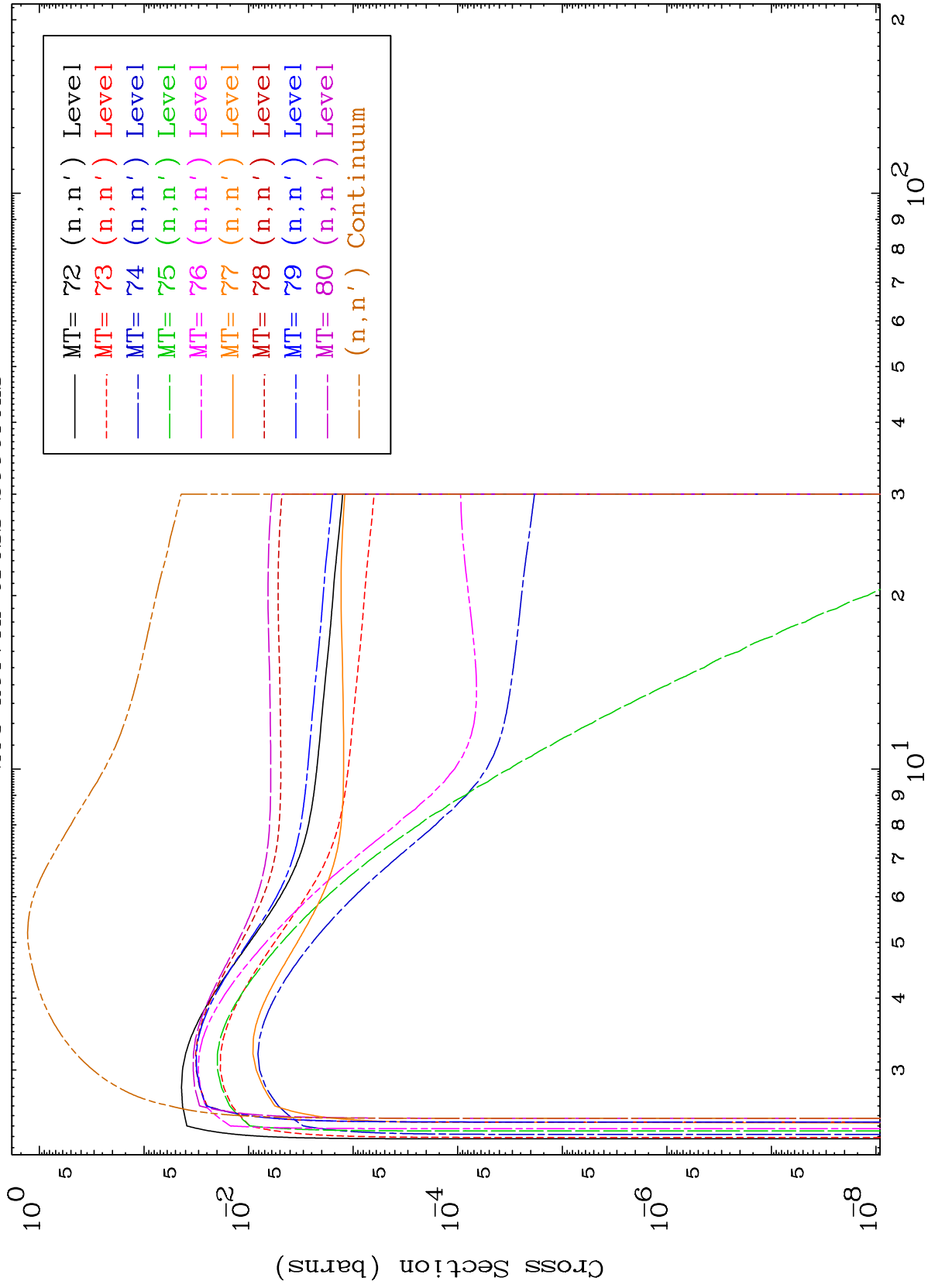
Incident Energy (MeV)

26-Fe-63

MAT 2652

(n,n') Level
293 Kelvin Cross Sections

26-Fe-63



9

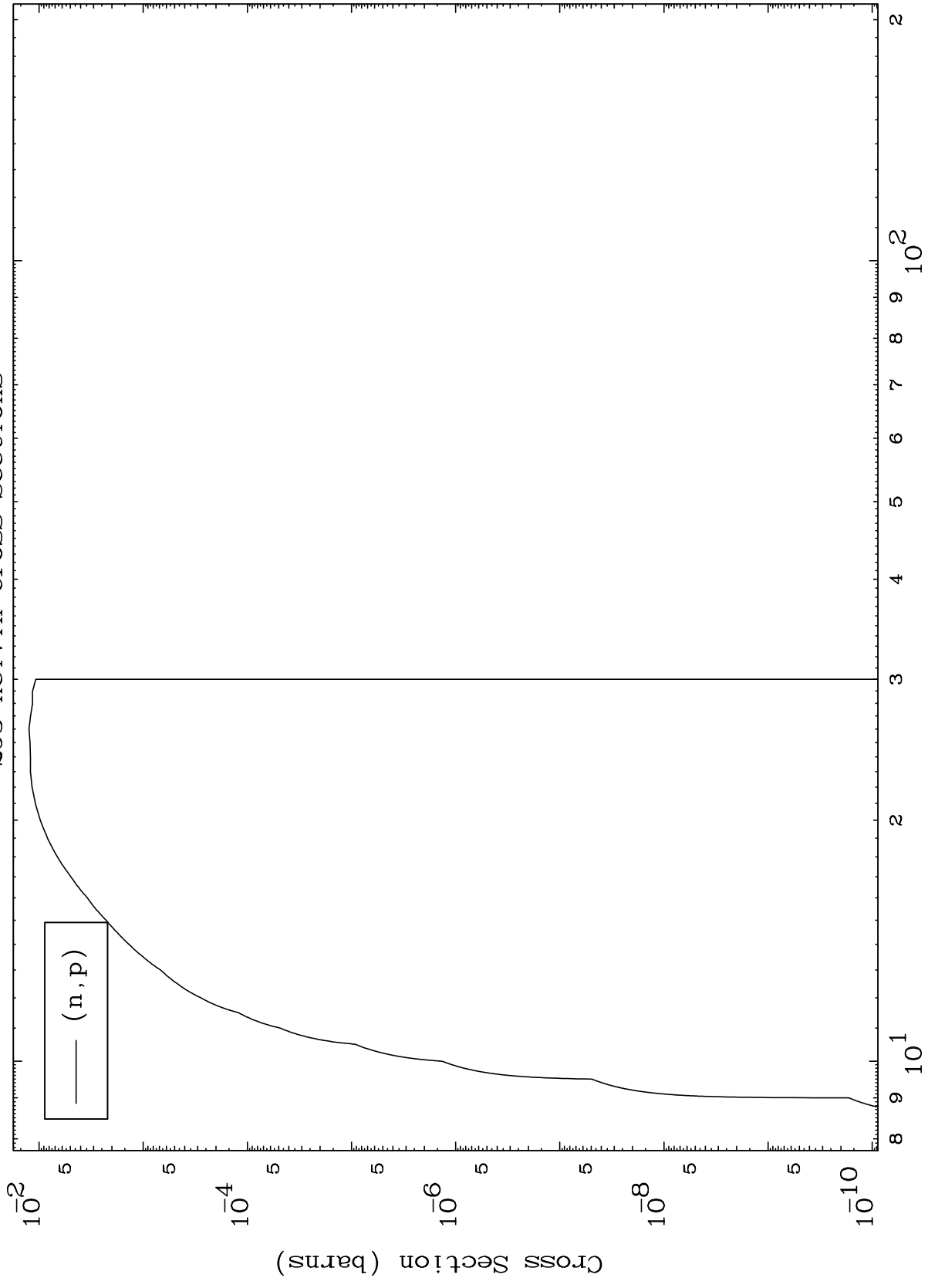
Incident Energy (MeV)

26-Fe-63

MAT 2652

(n,p) Levels
293 Kelvin Cross Sections

²⁶Fe-63



10

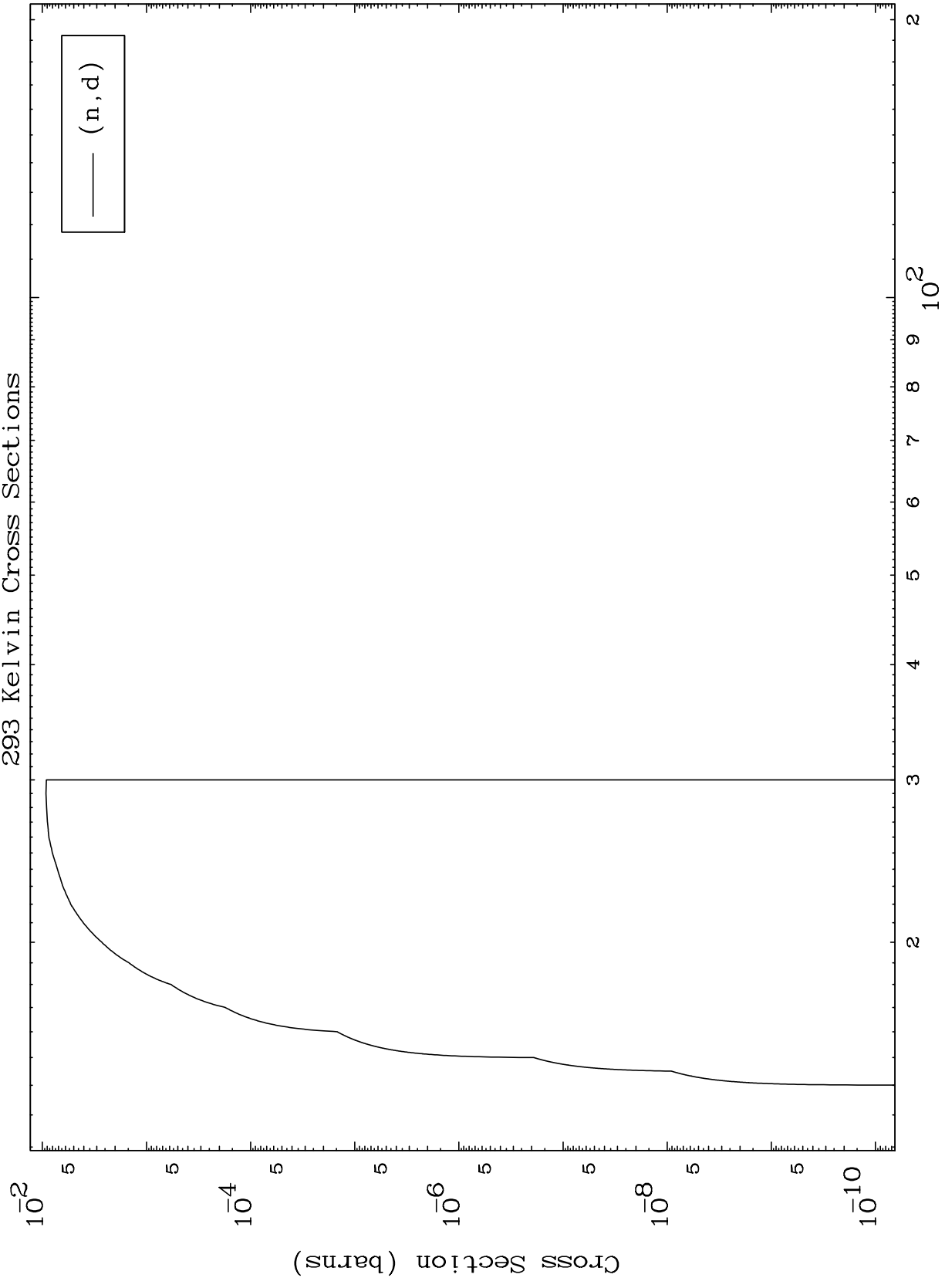
Incident Energy (MeV)

²⁶Fe-63

MAT 2652

(n,d) Levels
293 Kelvin Cross Sections

²⁶Fe-63

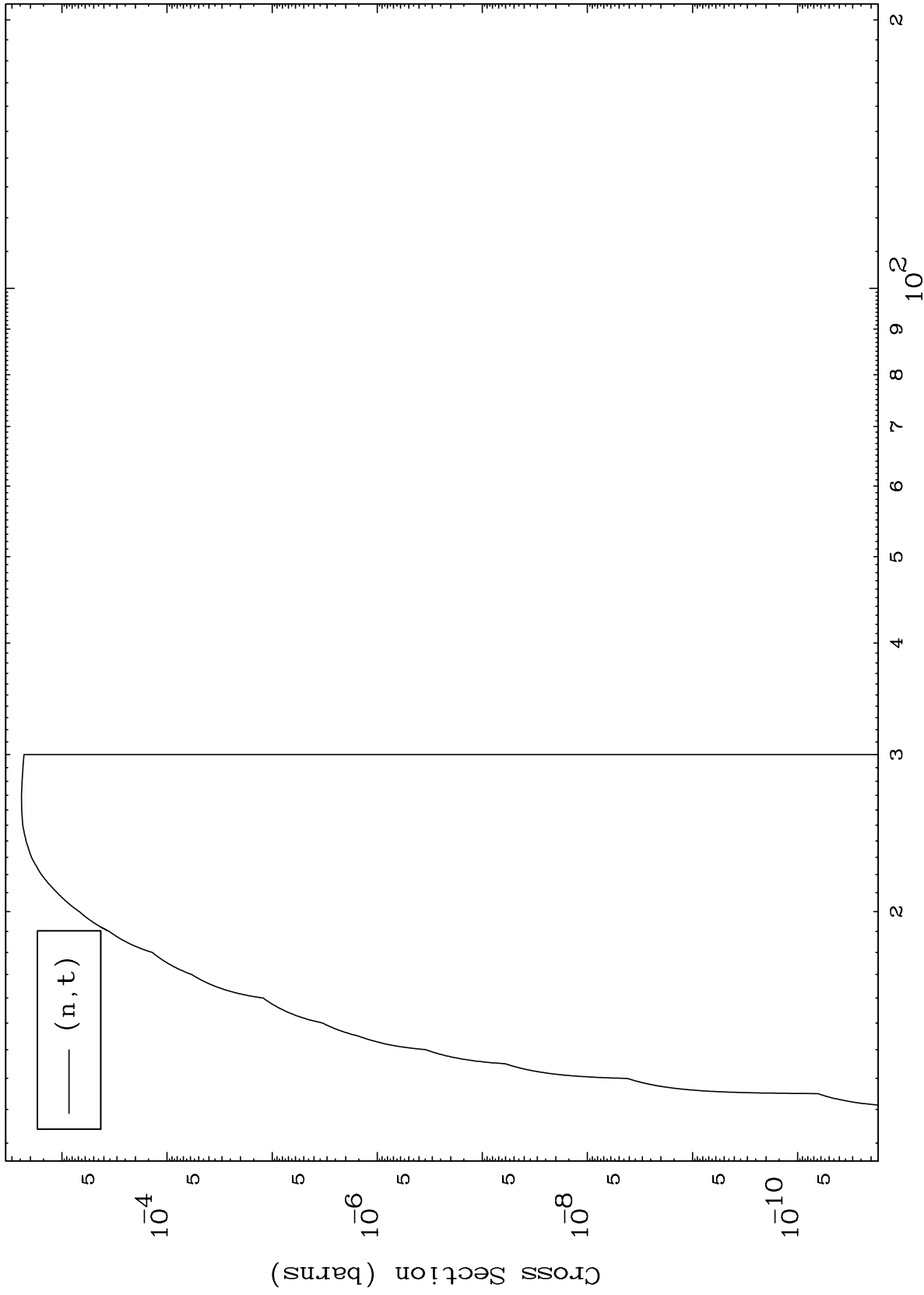


²⁶Fe-63

MAT 2652

(n,t) Levels
293 Kelvin Cross Sections

²⁶Fe-63



12

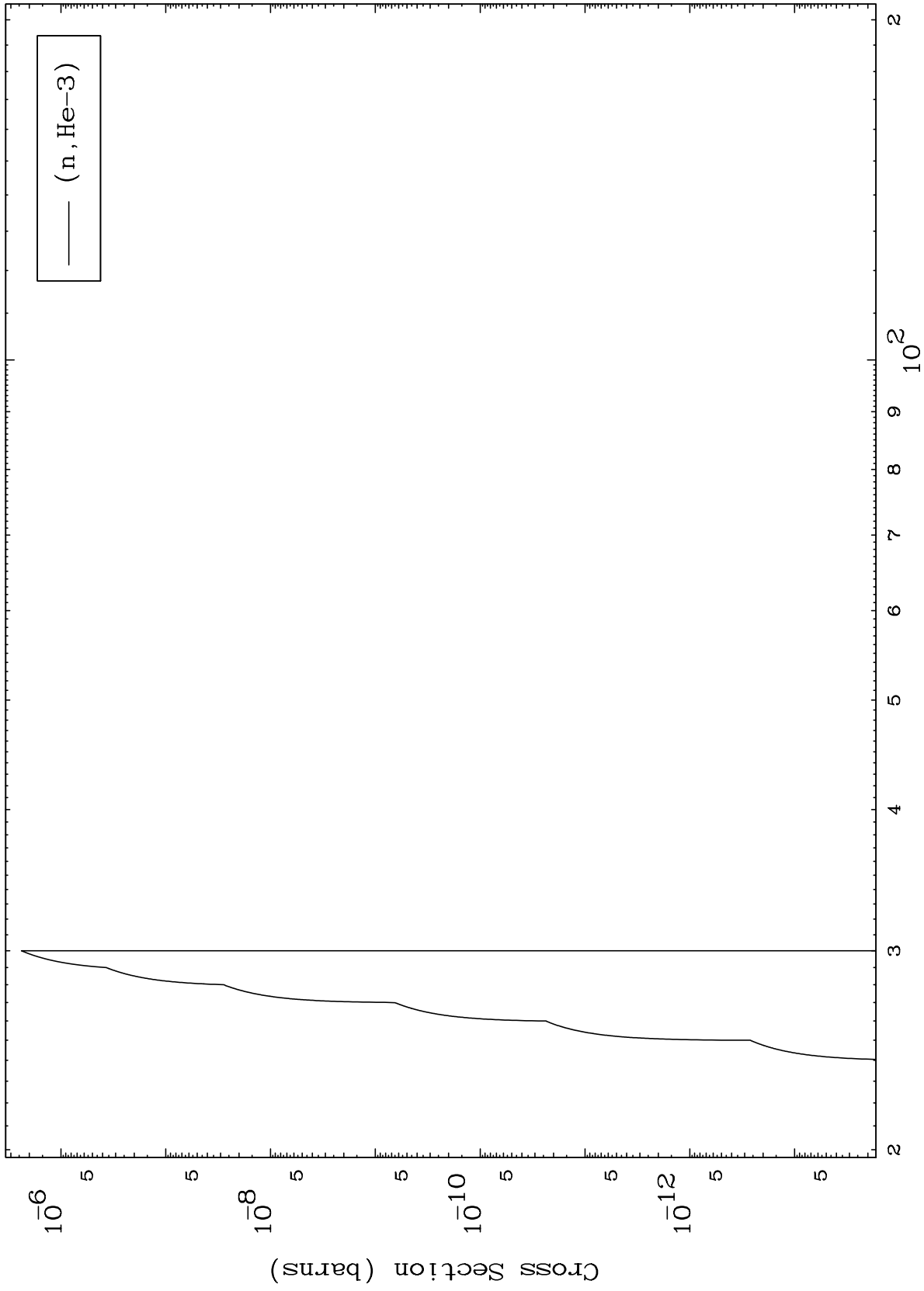
Incident Energy (MeV)

²⁶Fe-63

MAT 2652

(n,He3) Levels
293 Kelvin Cross Sections

²⁶Fe-63



13

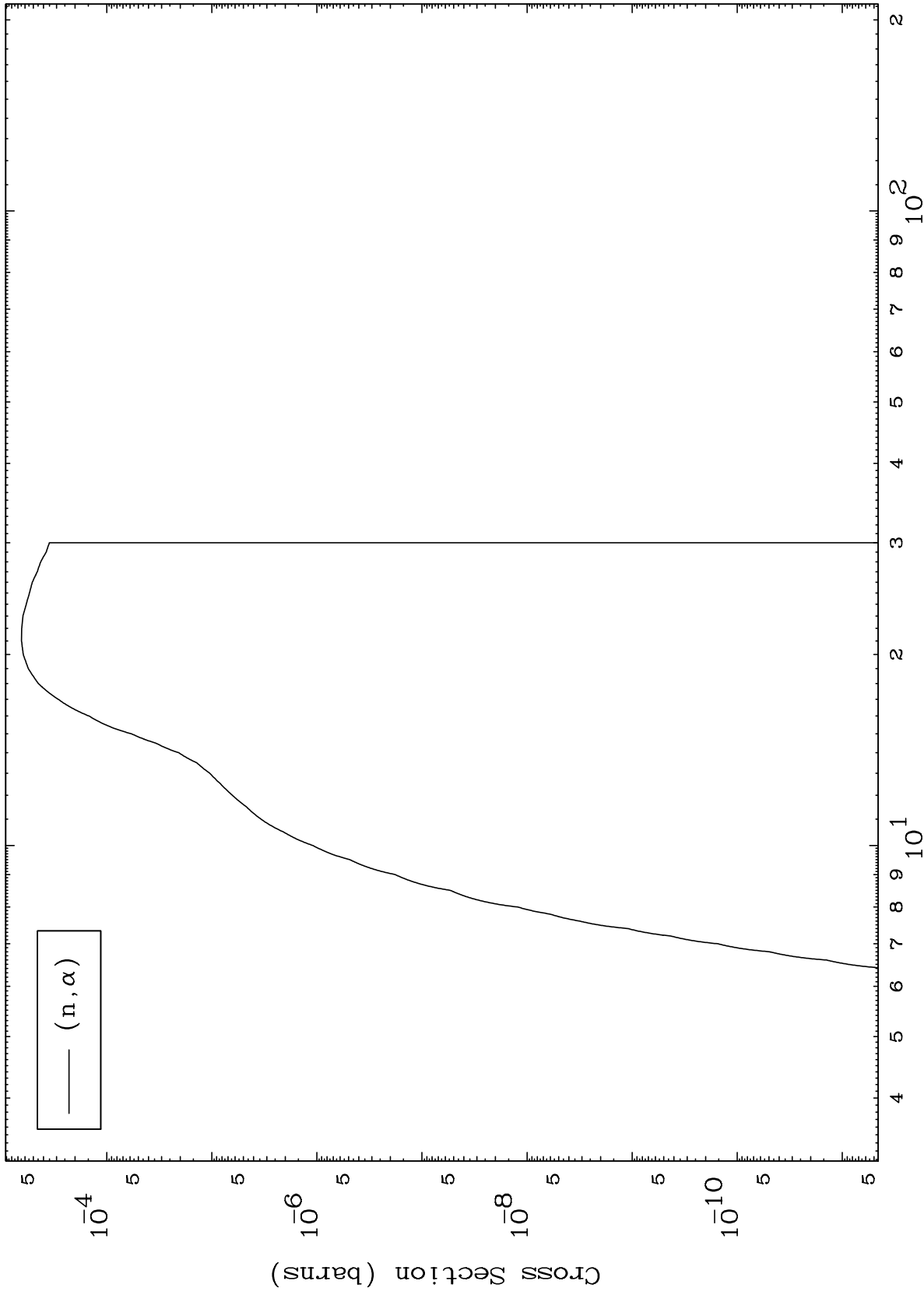
Incident Energy (MeV)

²⁶Fe-63

MAT 2652

(n,α) Levels
293 Kelvin Cross Sections

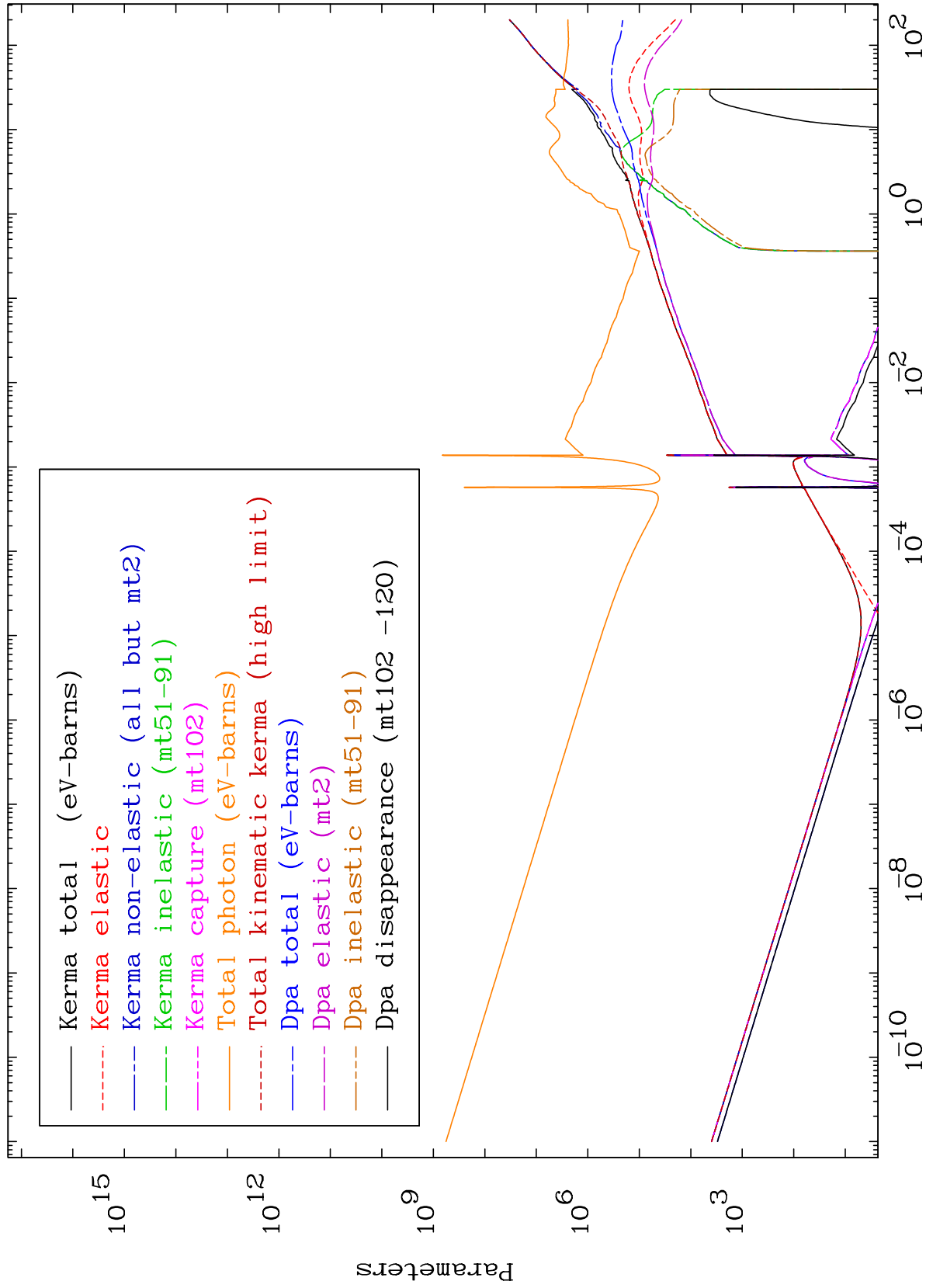
26-Fe-63



14

Incident Energy (MeV)

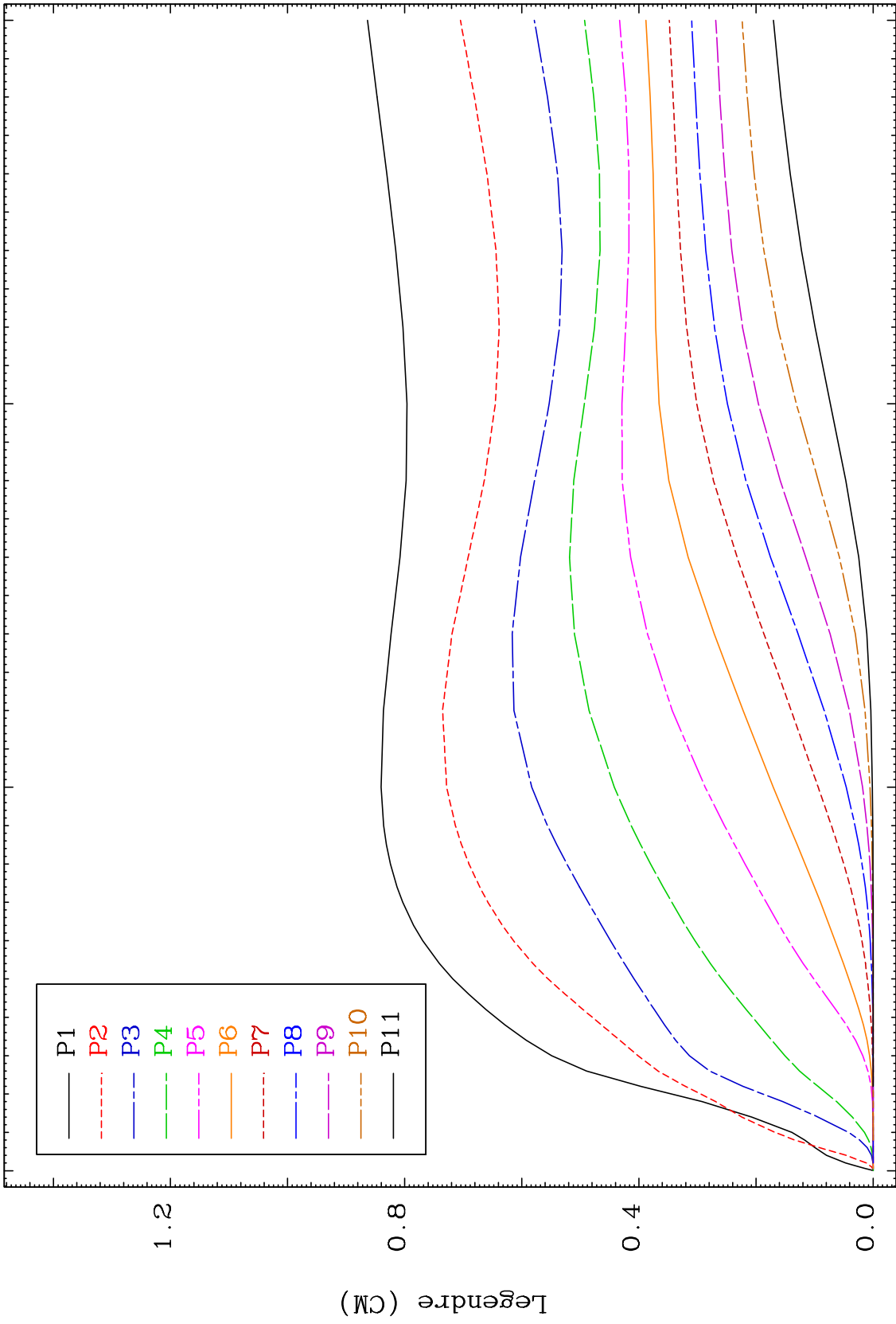
26-Fe-63



MAT 2652

Elastic Legendre Coefficients

²⁶Fe-63



16

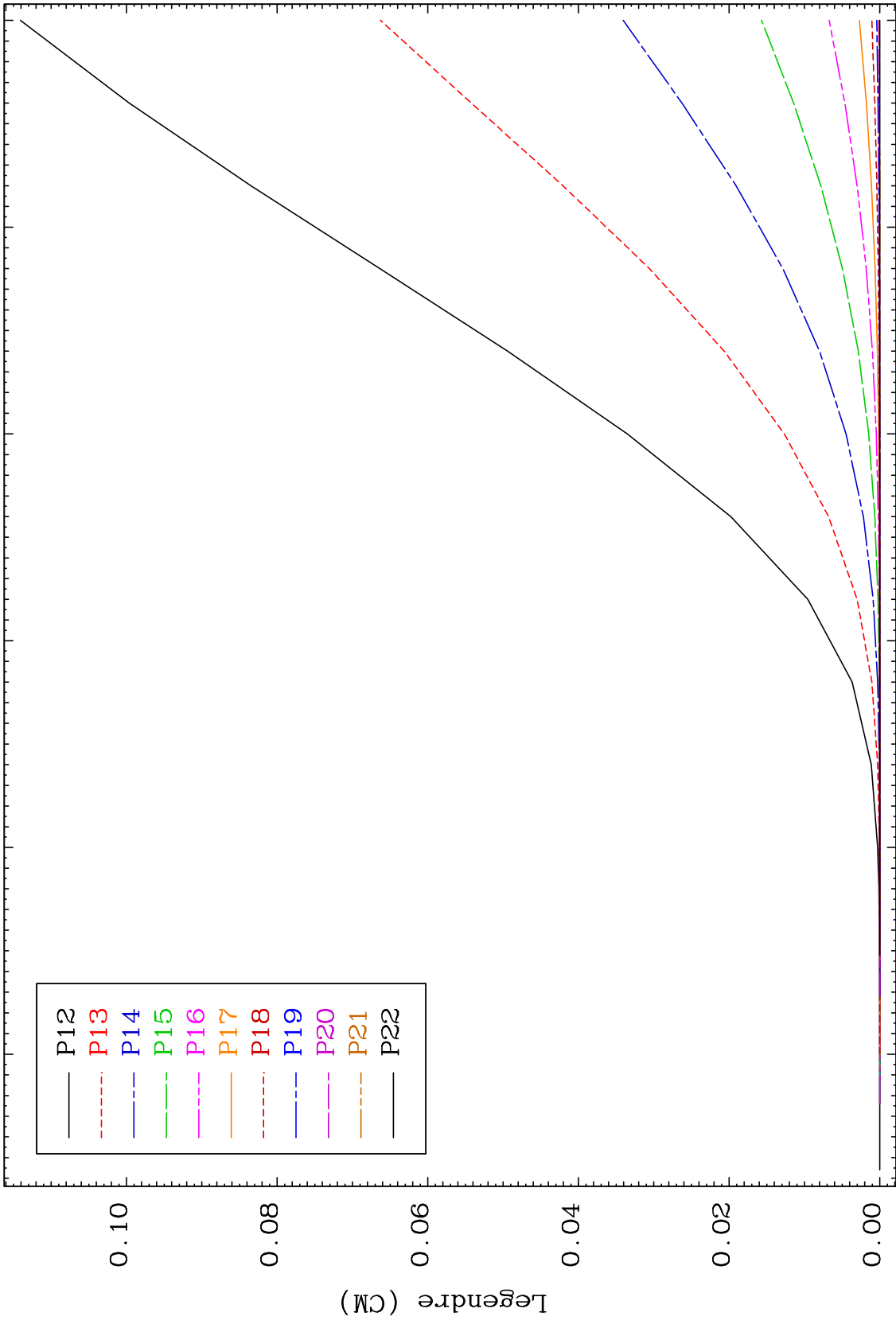
Incident Energy (MeV)

²⁶Fe-63

MAT 2652

Elastic Legendre Coefficients

²⁶Fe-63



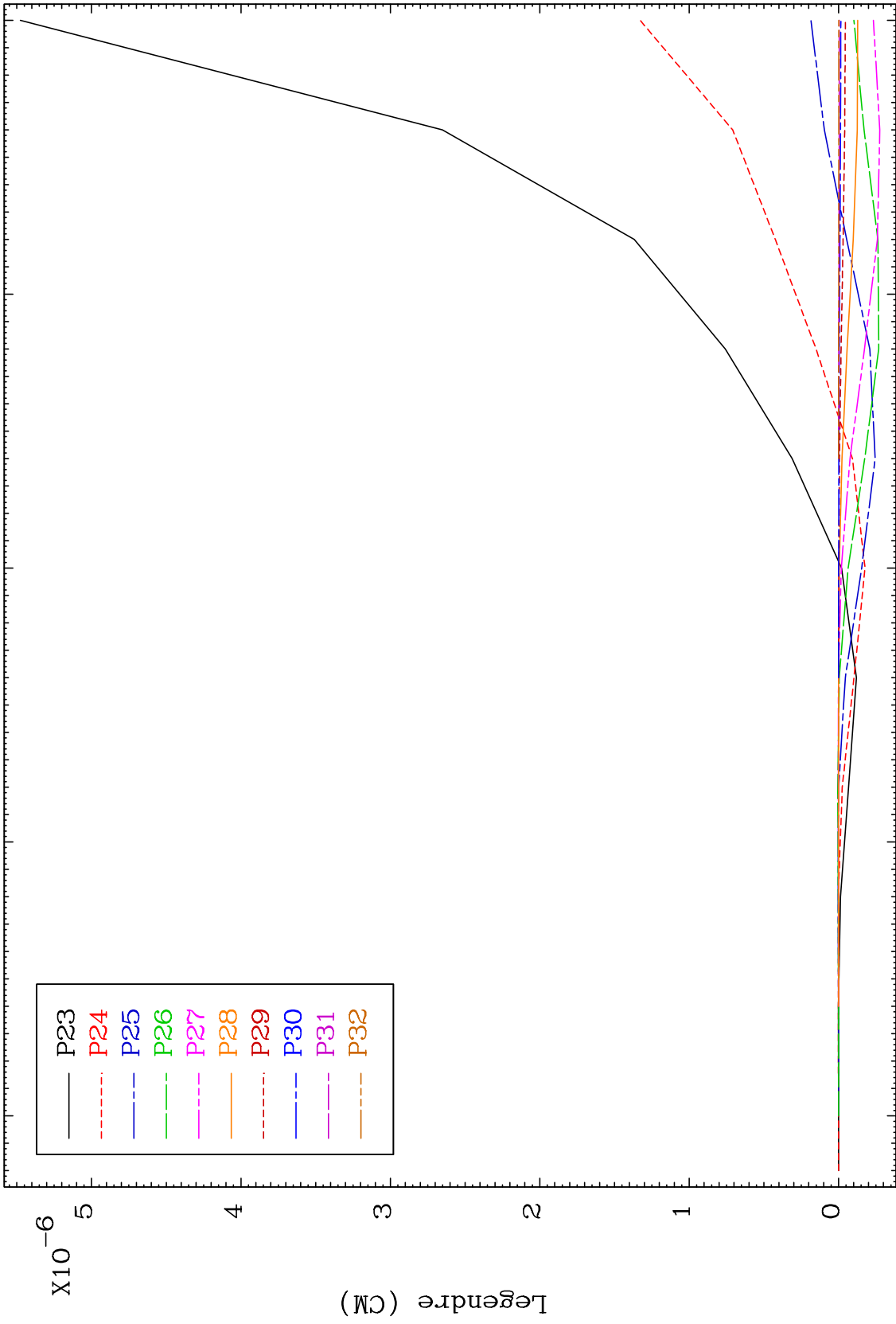
17

²⁶Fe-63

MAT 2652

Elastic Legendre Coefficients

²⁶Fe-63



18

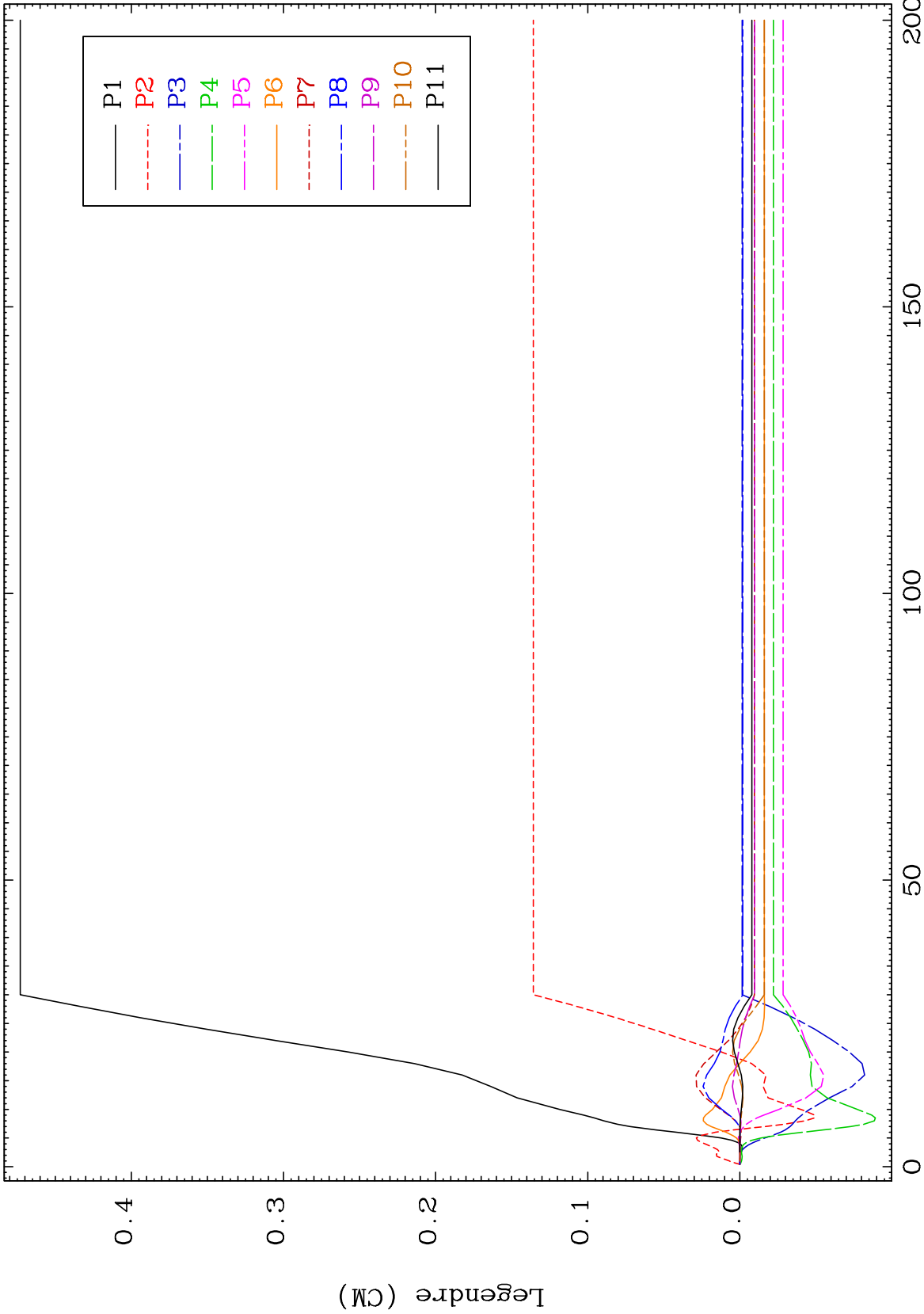
Incident Energy (MeV)

²⁶Fe-63

MAT 2652

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

26-Fe-63



19

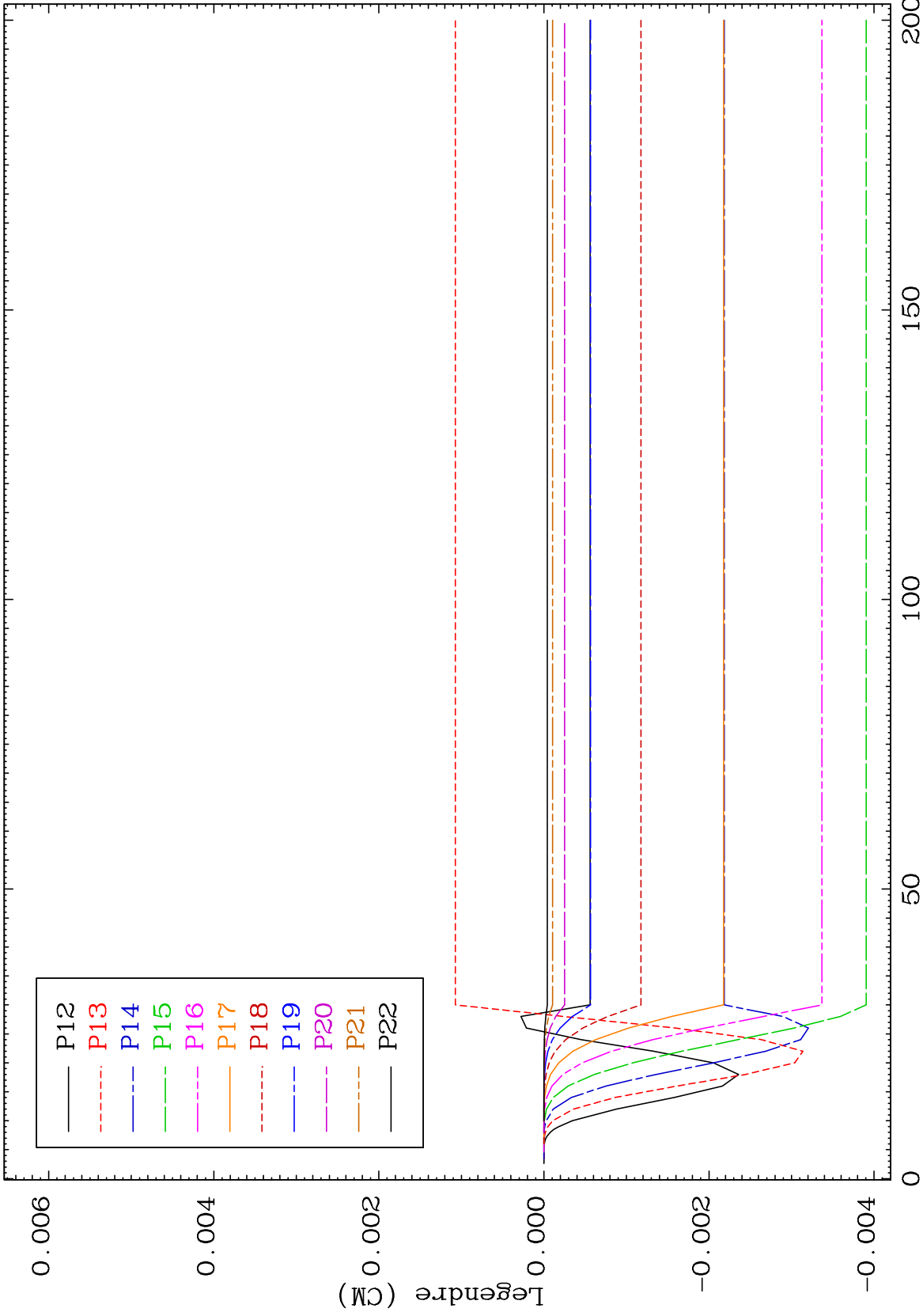
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

²⁶Fe-63



20

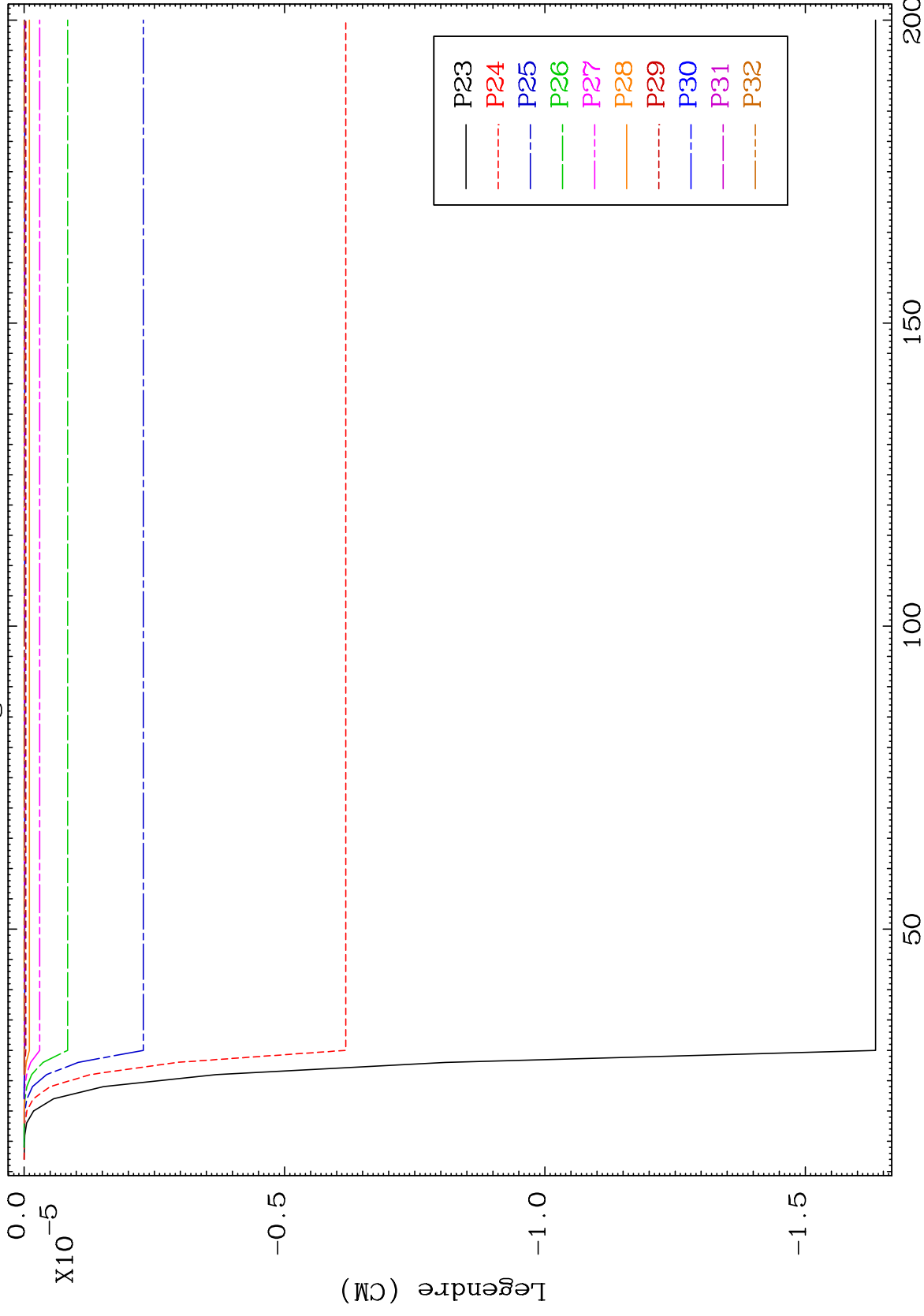
Incident Energy (MeV)

²⁶Fe-63

MAT 2652

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

26-Fe-63



26-Fe-63

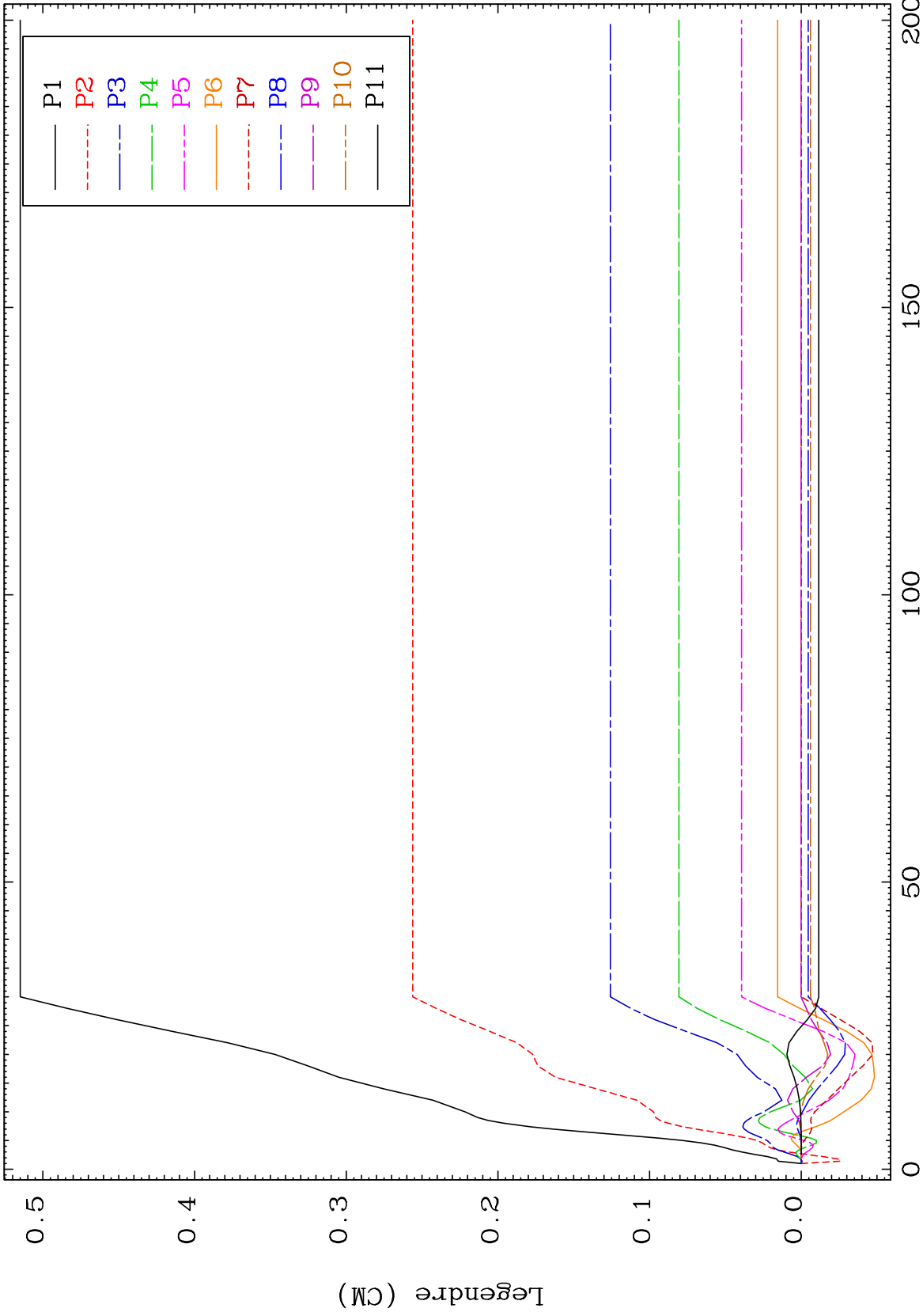
Incident Energy (MeV)

21

MAT 2652

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

26-Fe-63



0

50

100

150

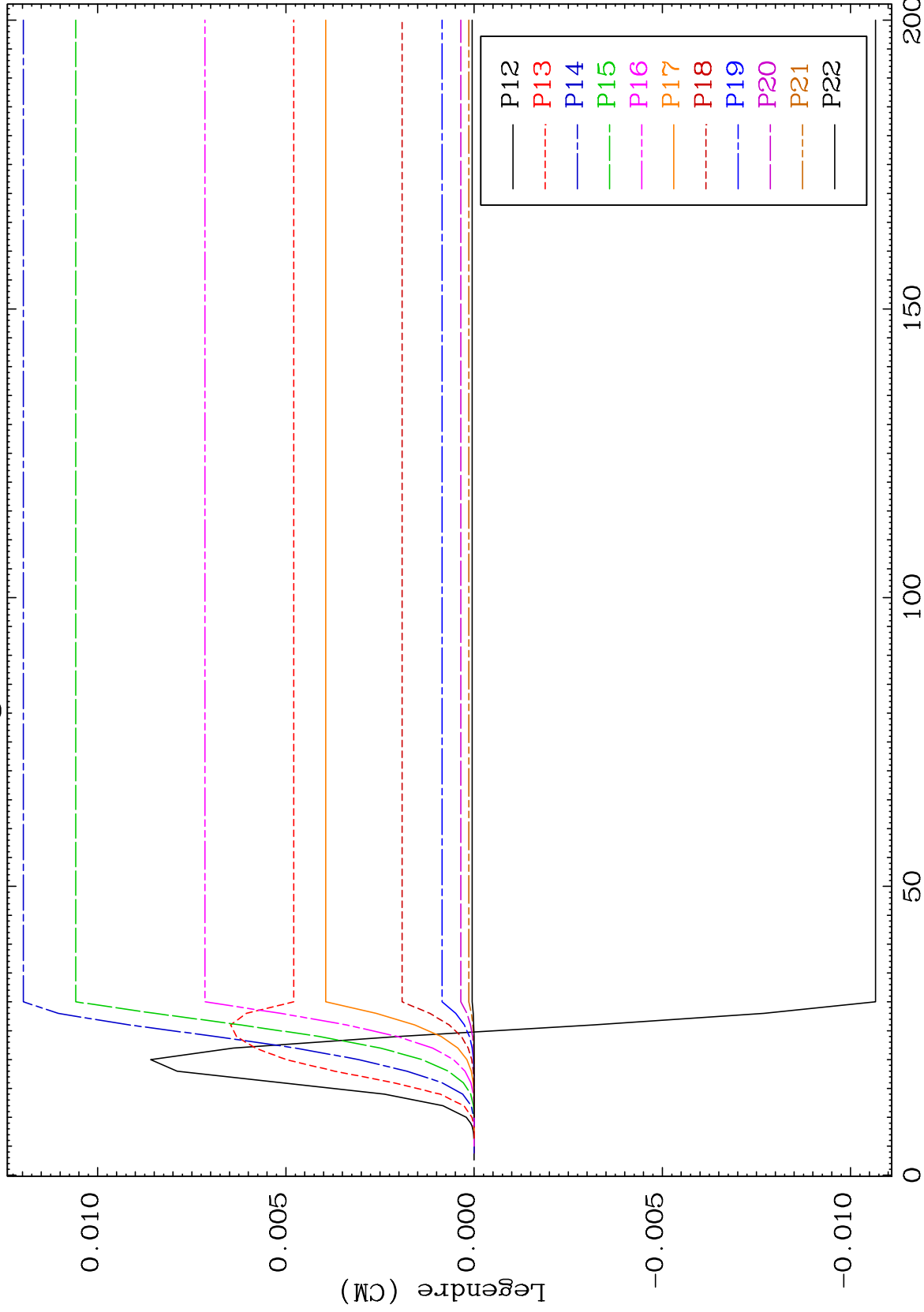
200

26-Fe-63

MAT 2652

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

26-Fe-63



23

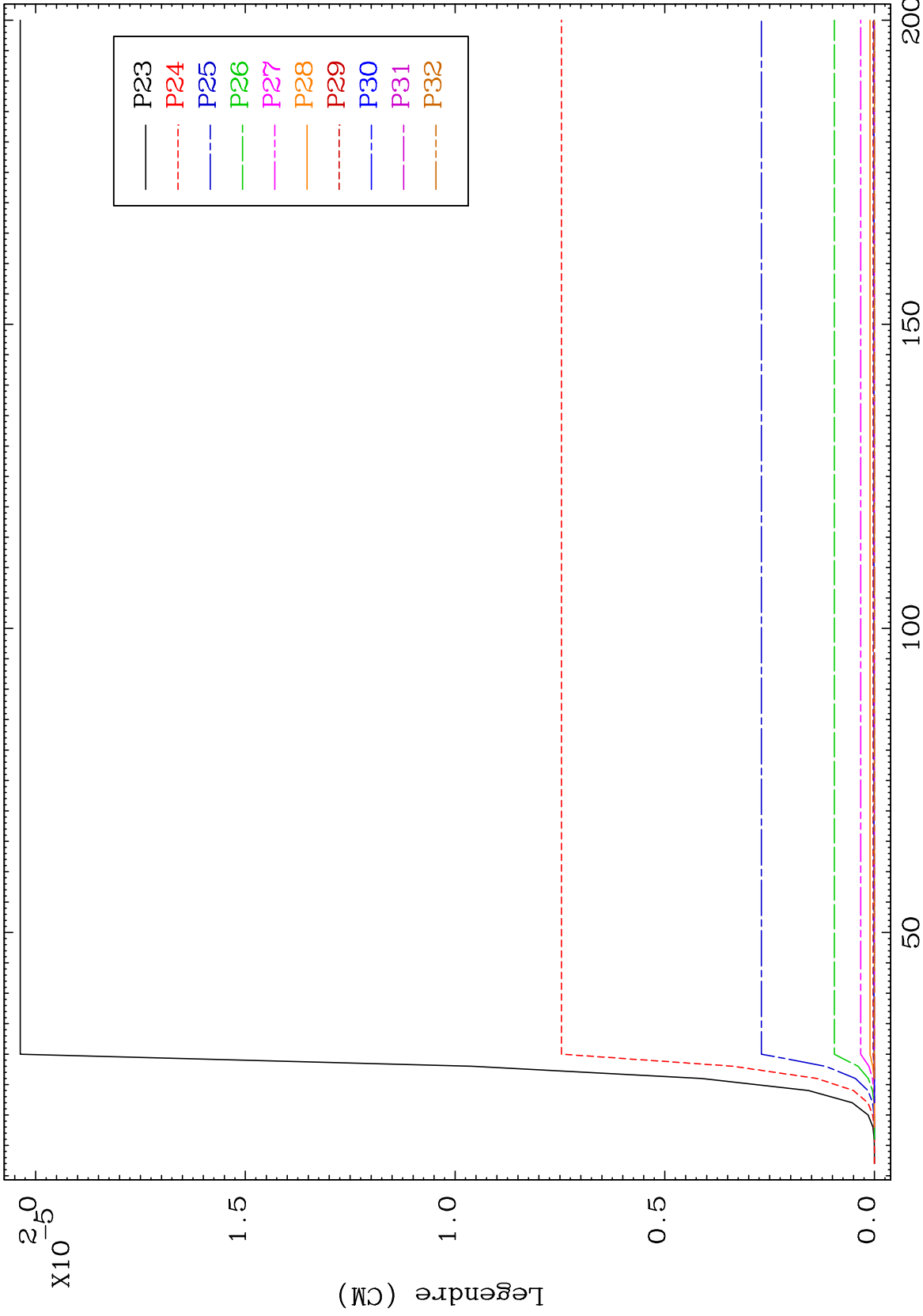
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



24

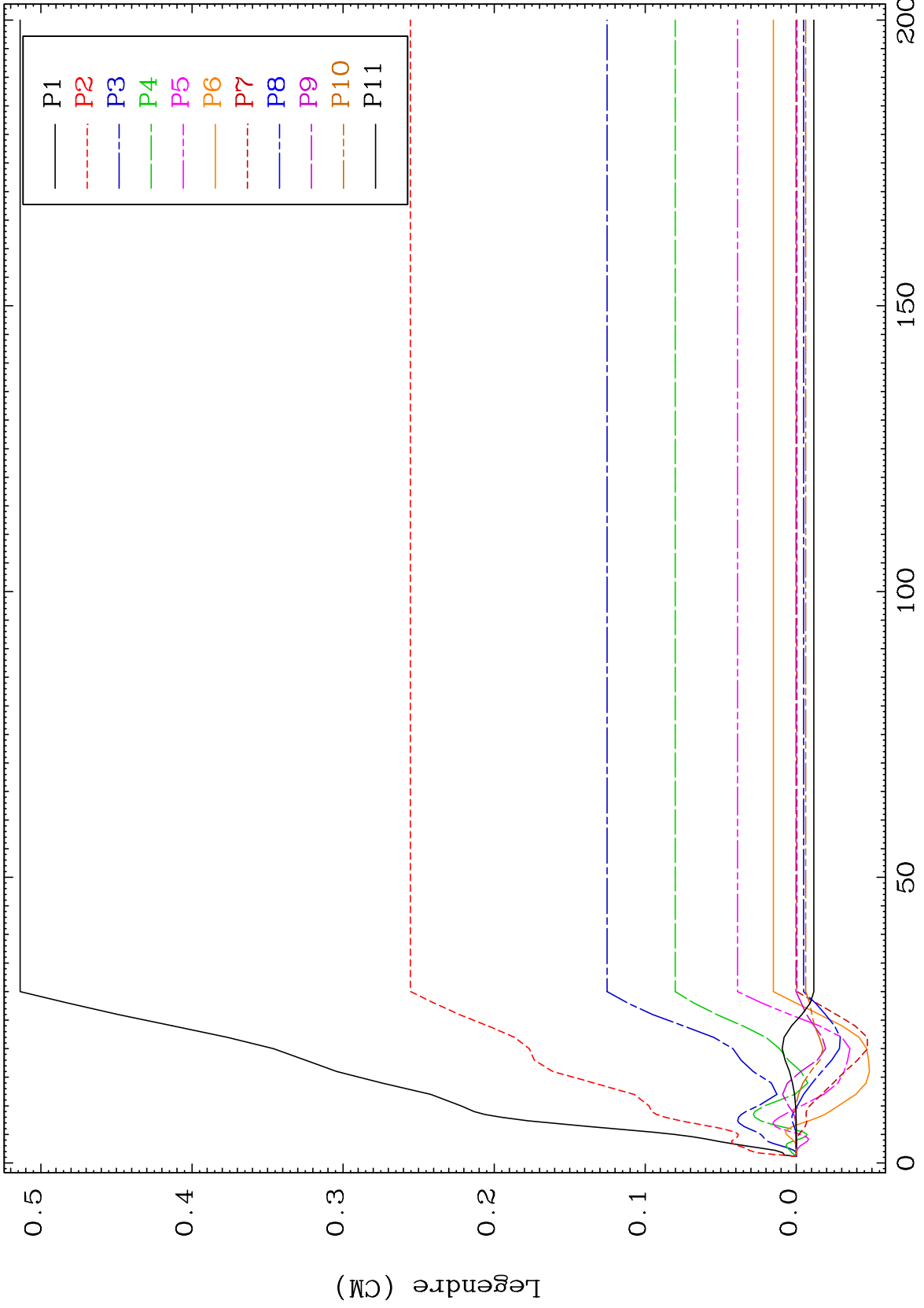
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



25

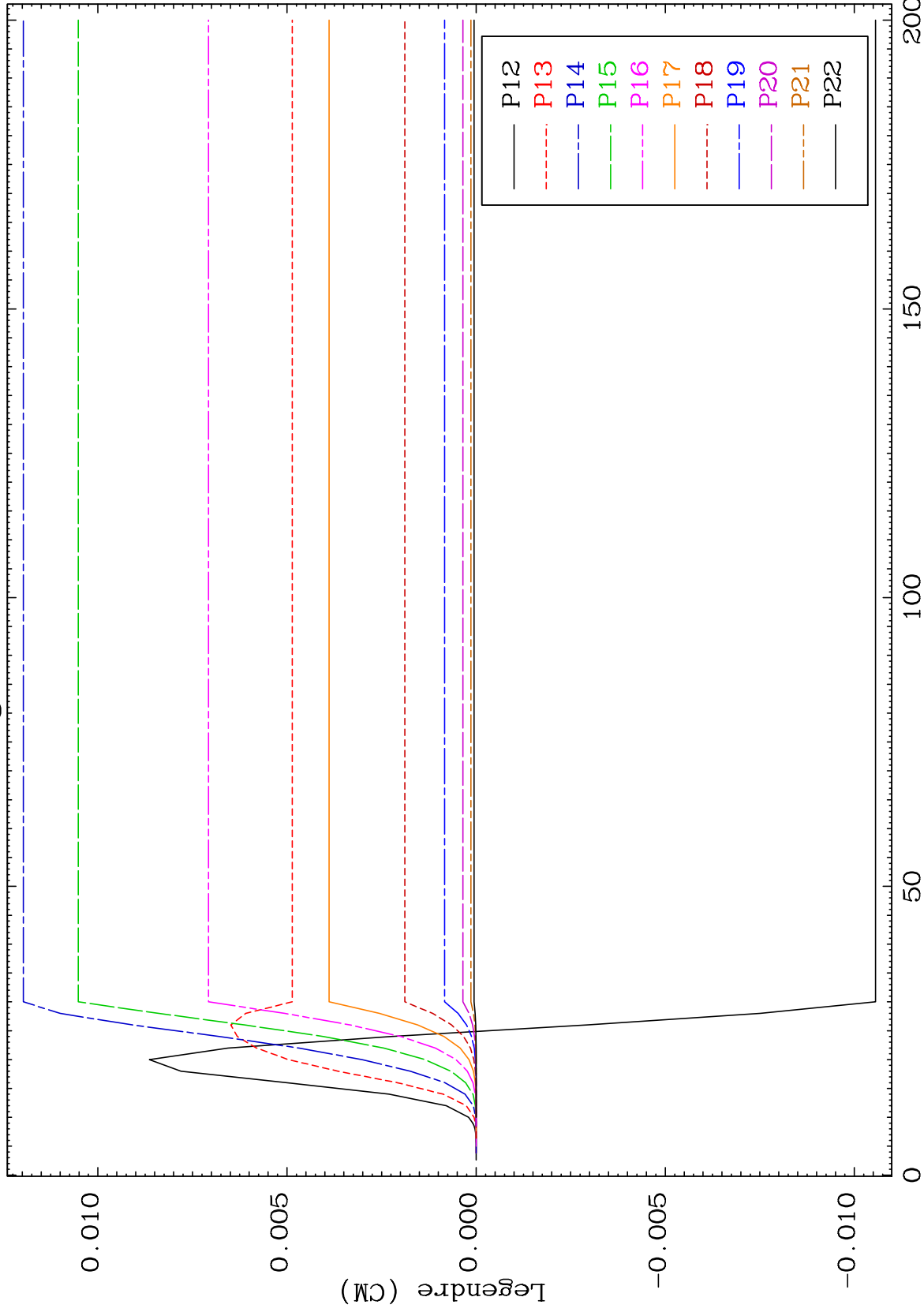
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



26

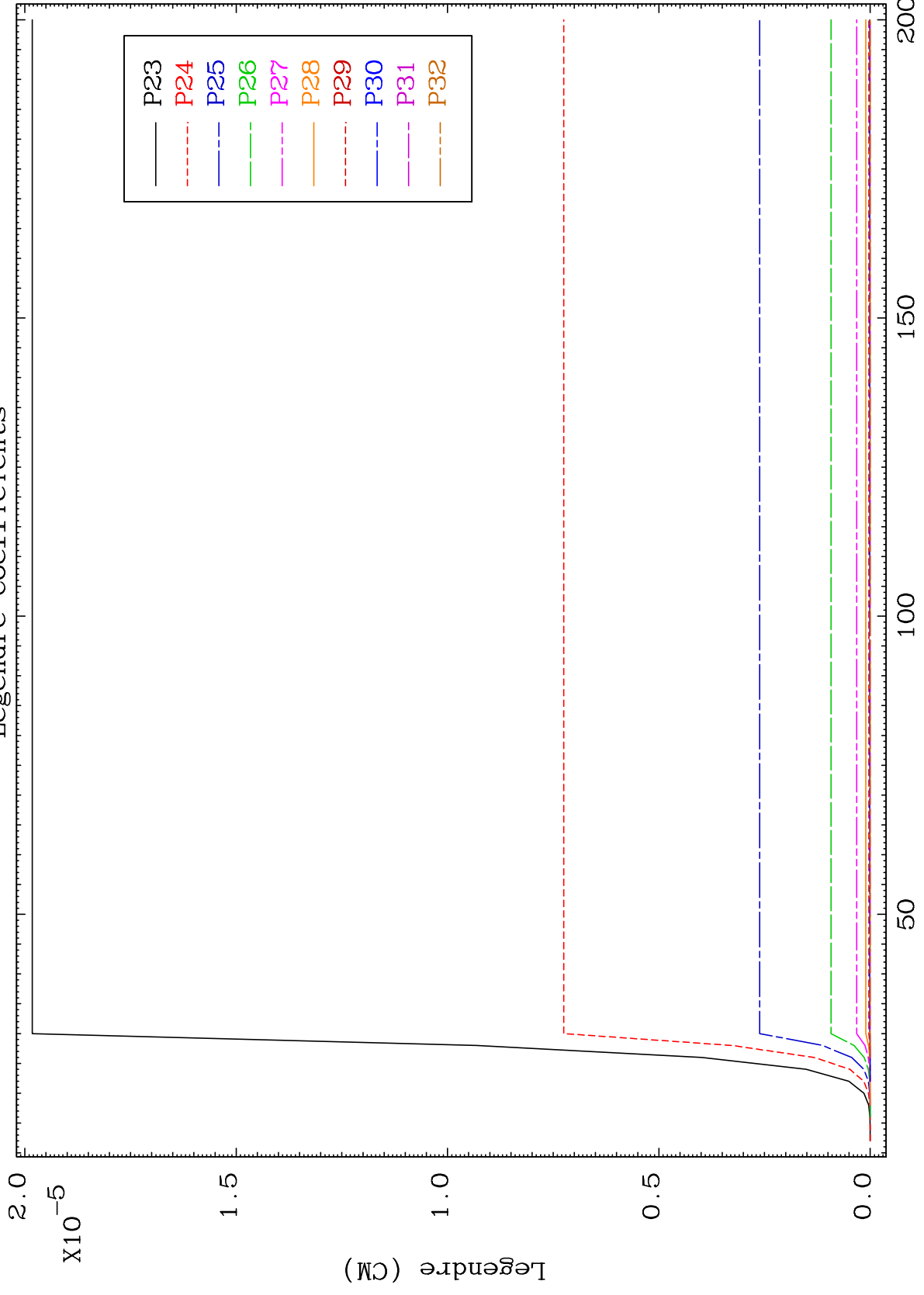
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



27

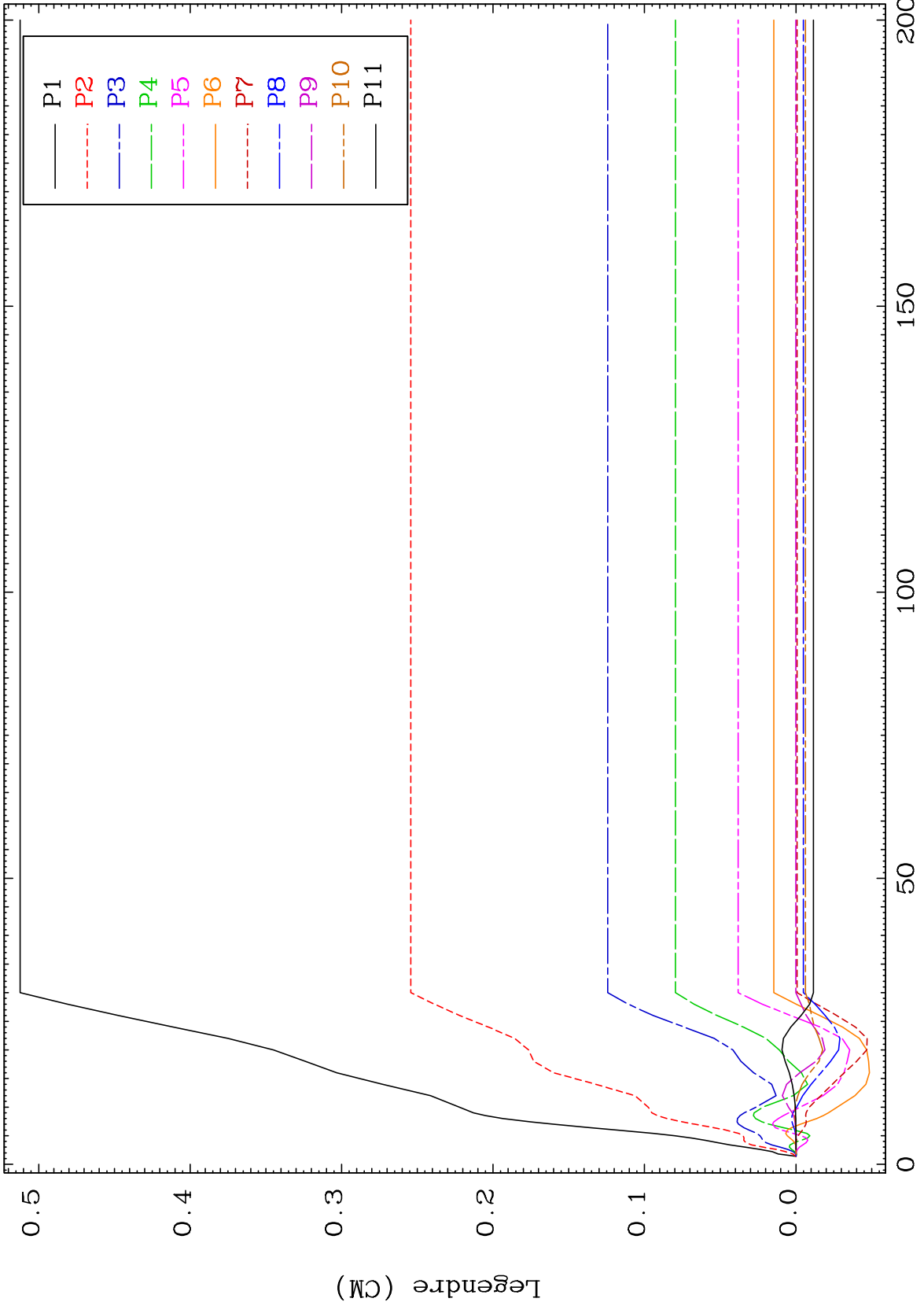
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



28

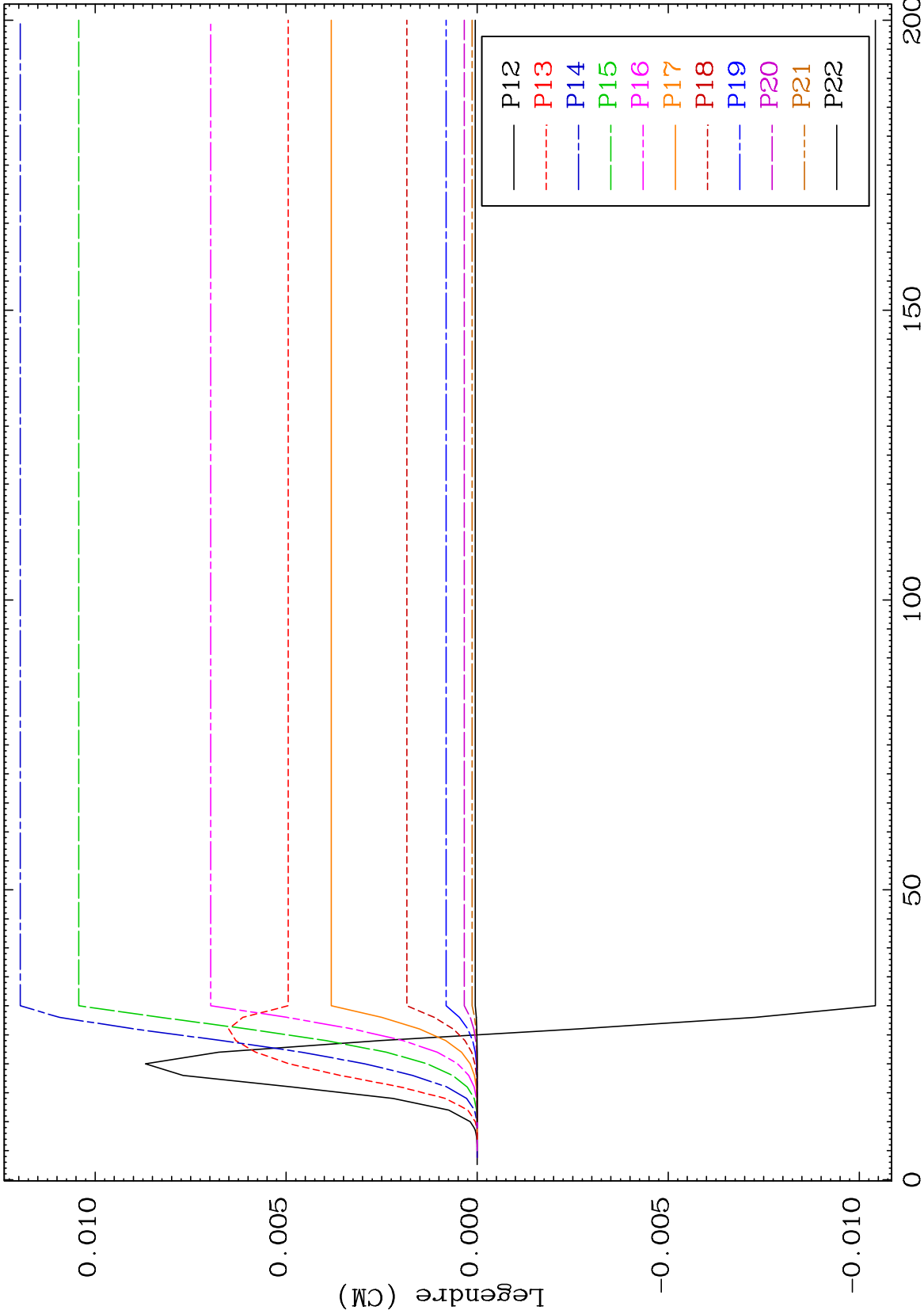
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



29

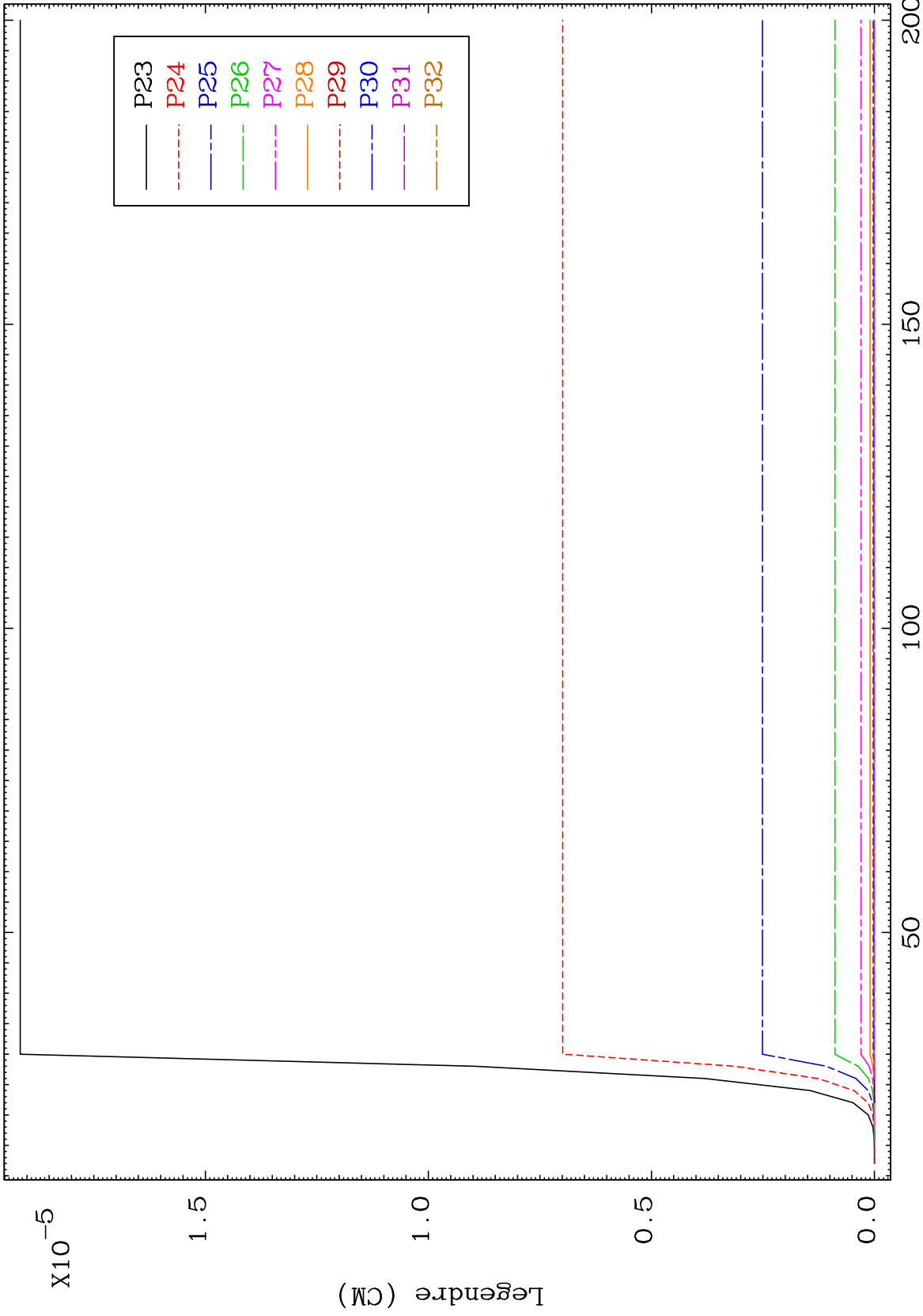
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



30

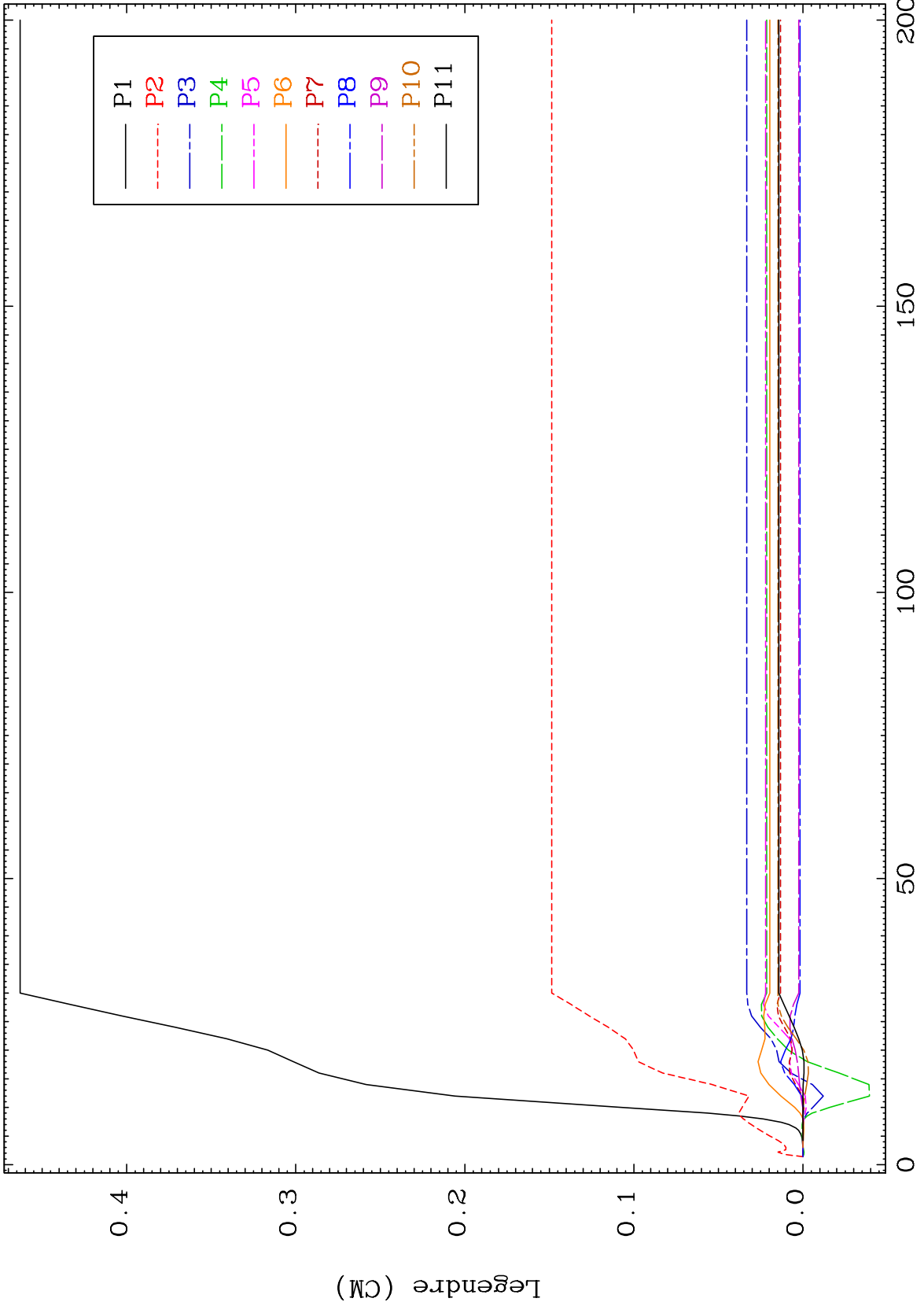
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



31

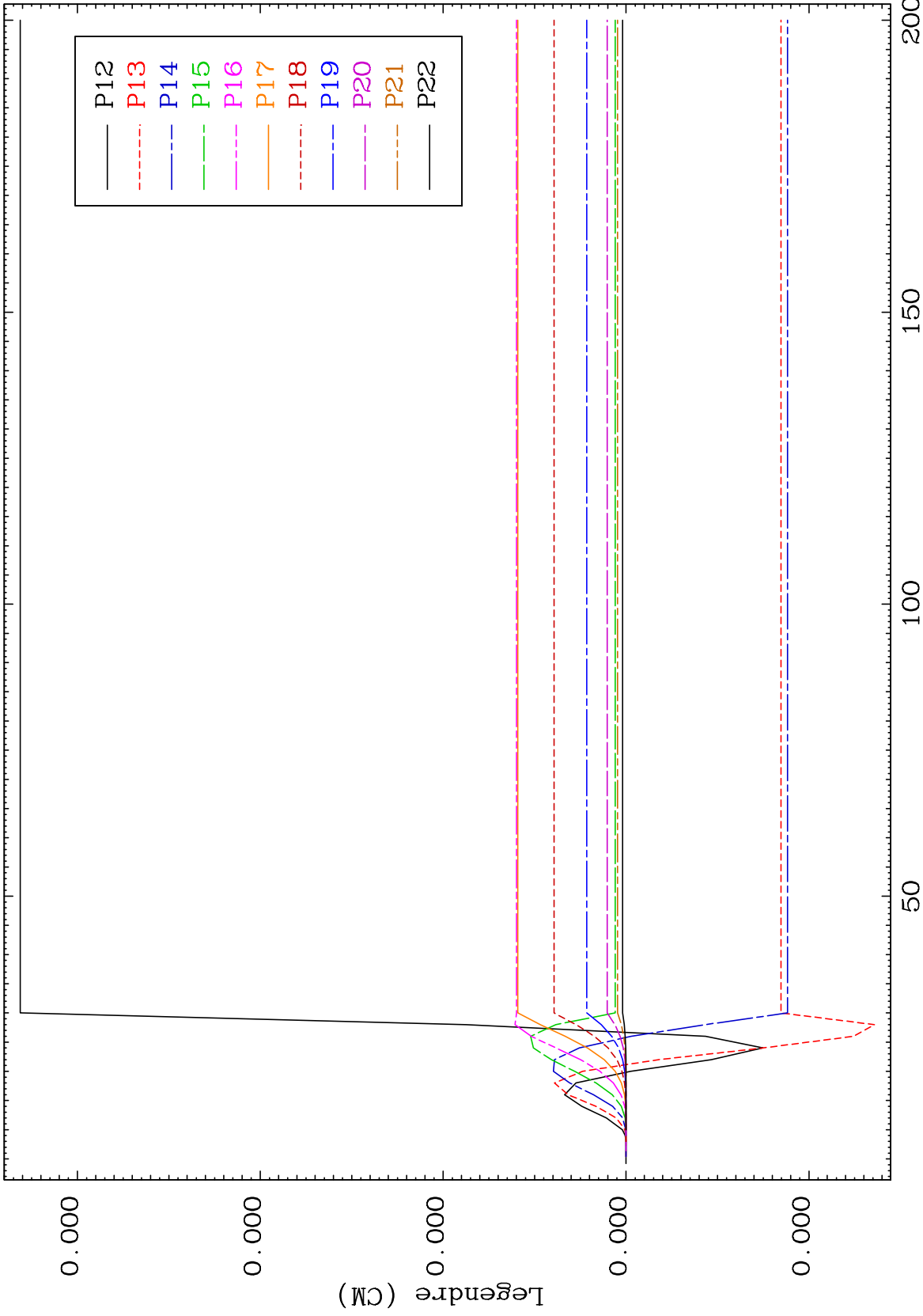
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



32

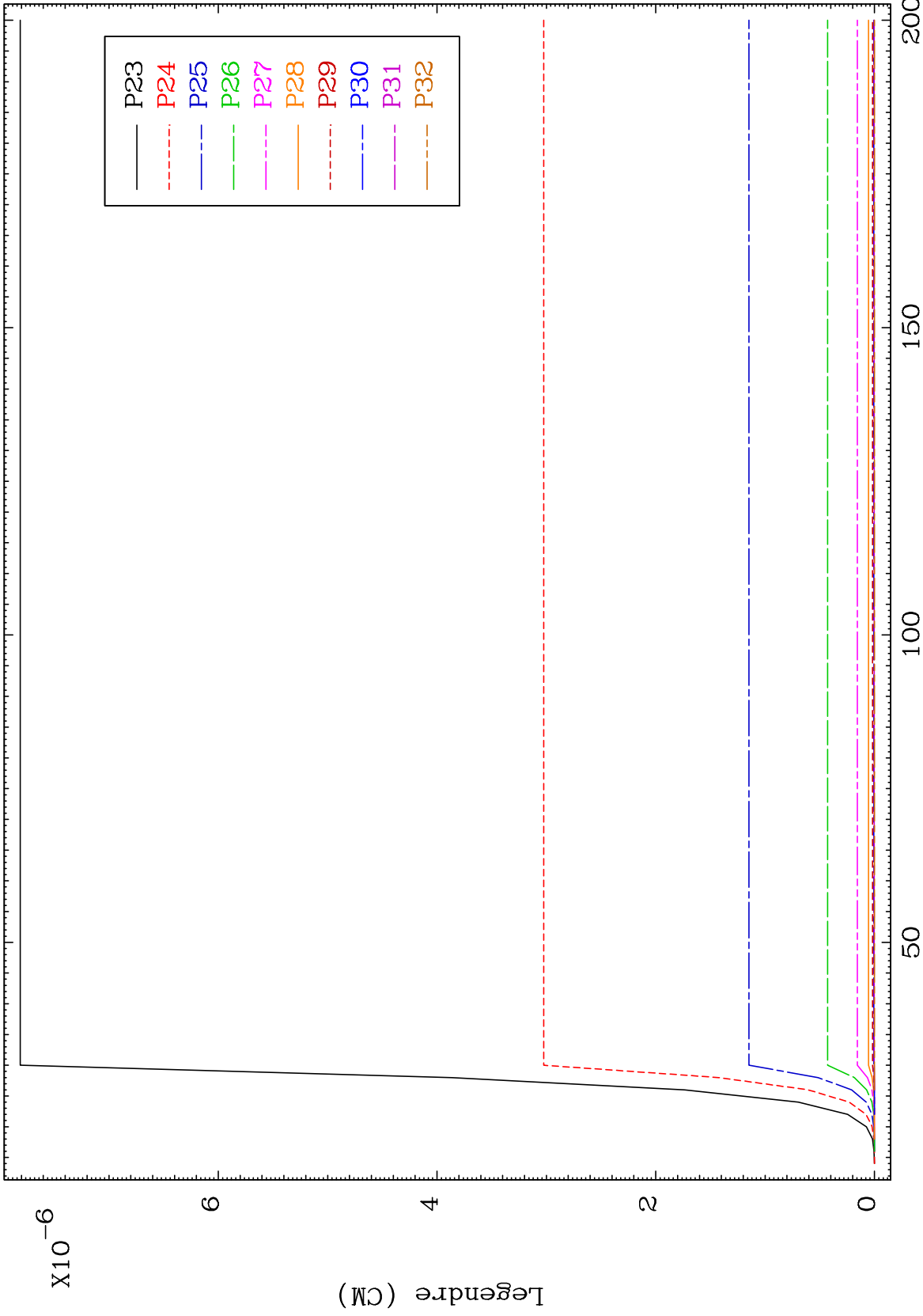
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



33

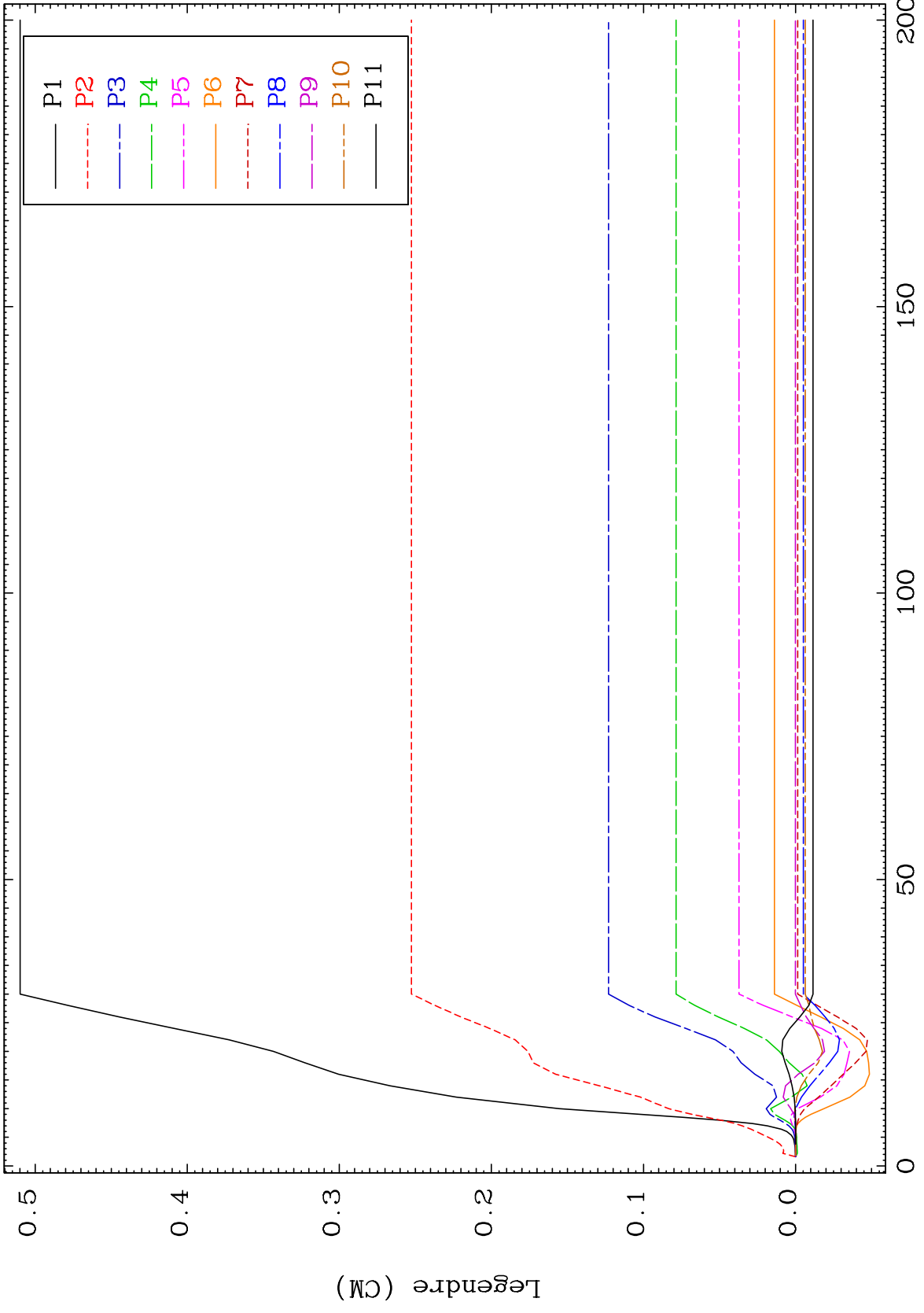
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



34

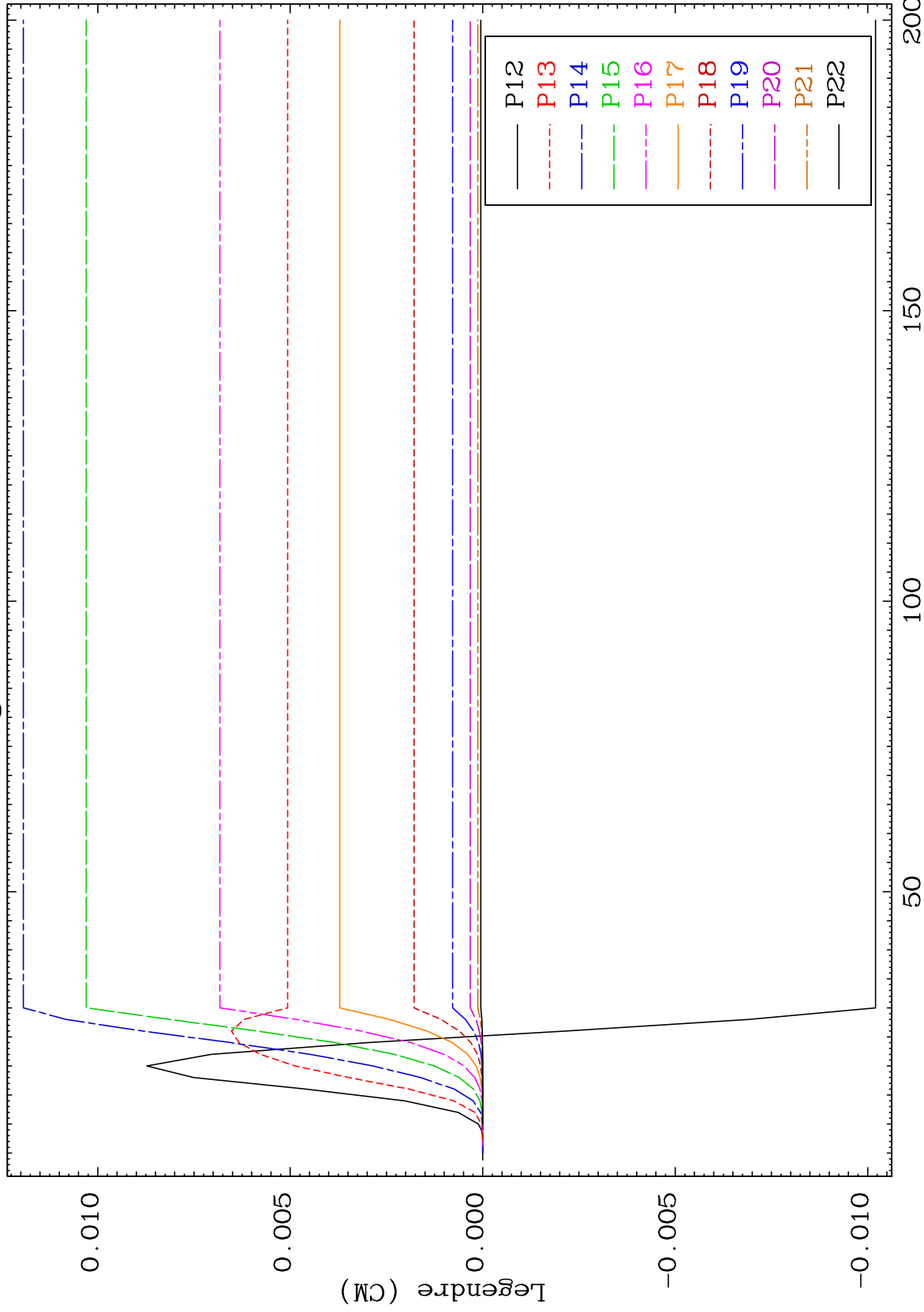
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



35

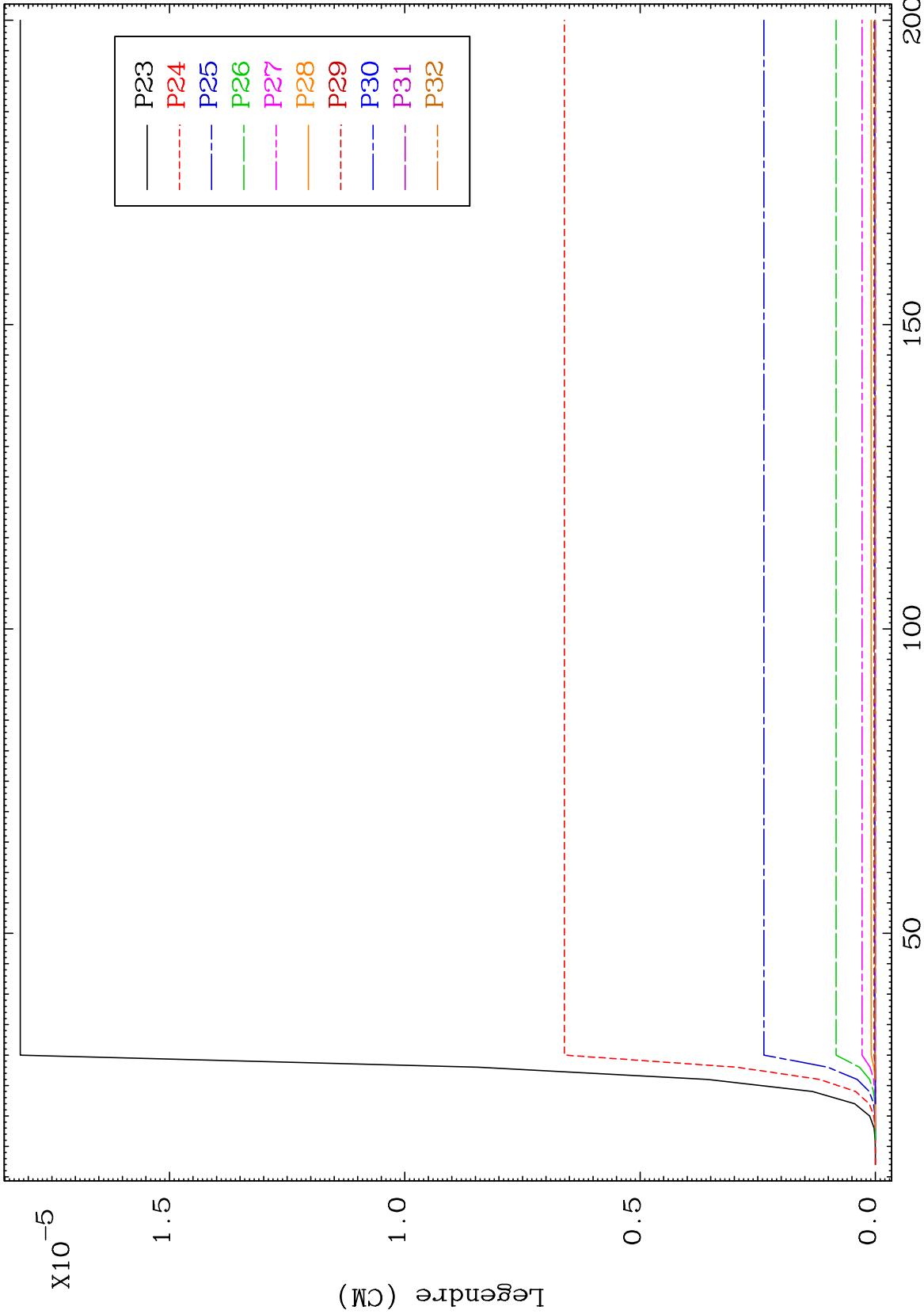
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



36

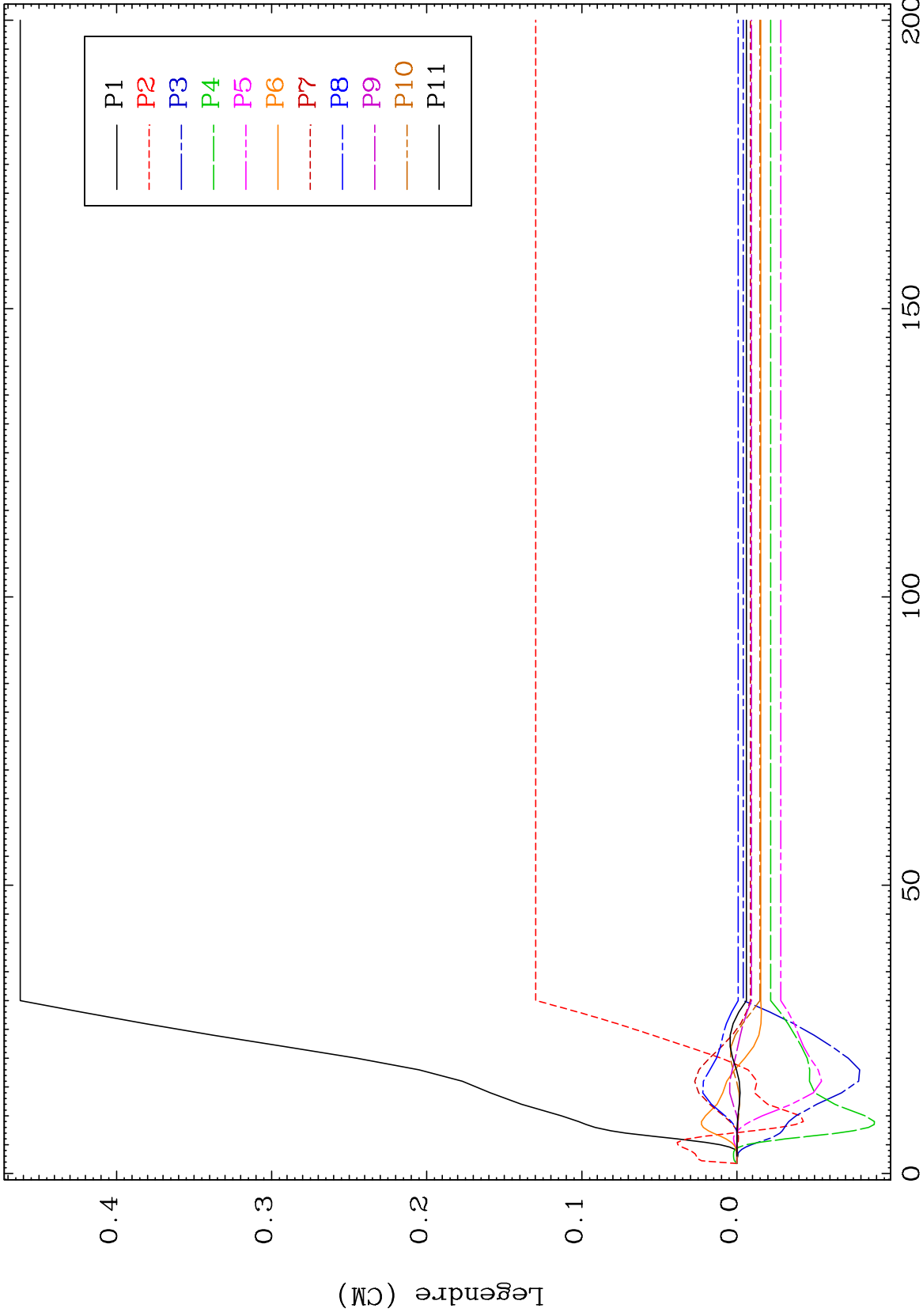
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



37

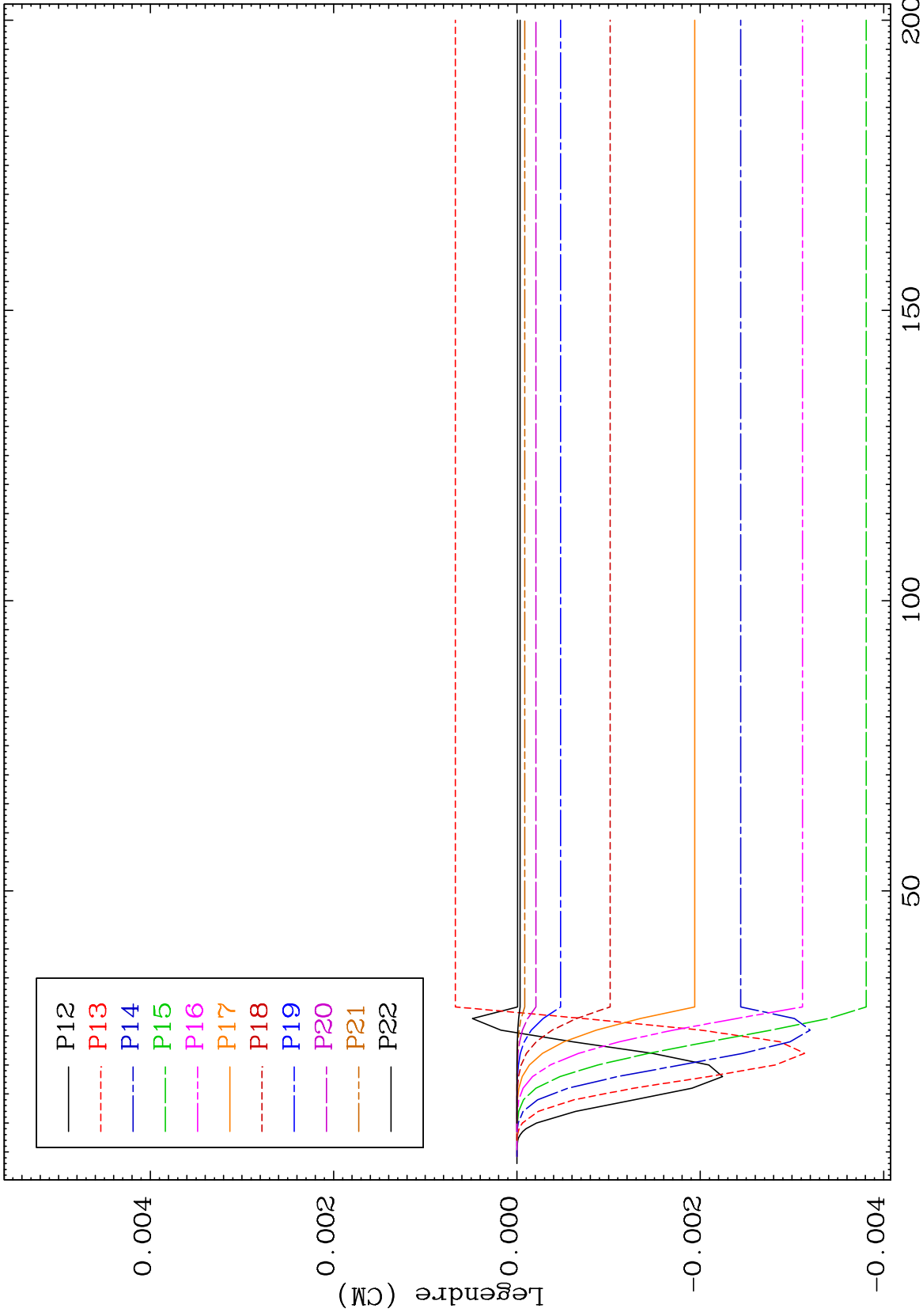
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



38

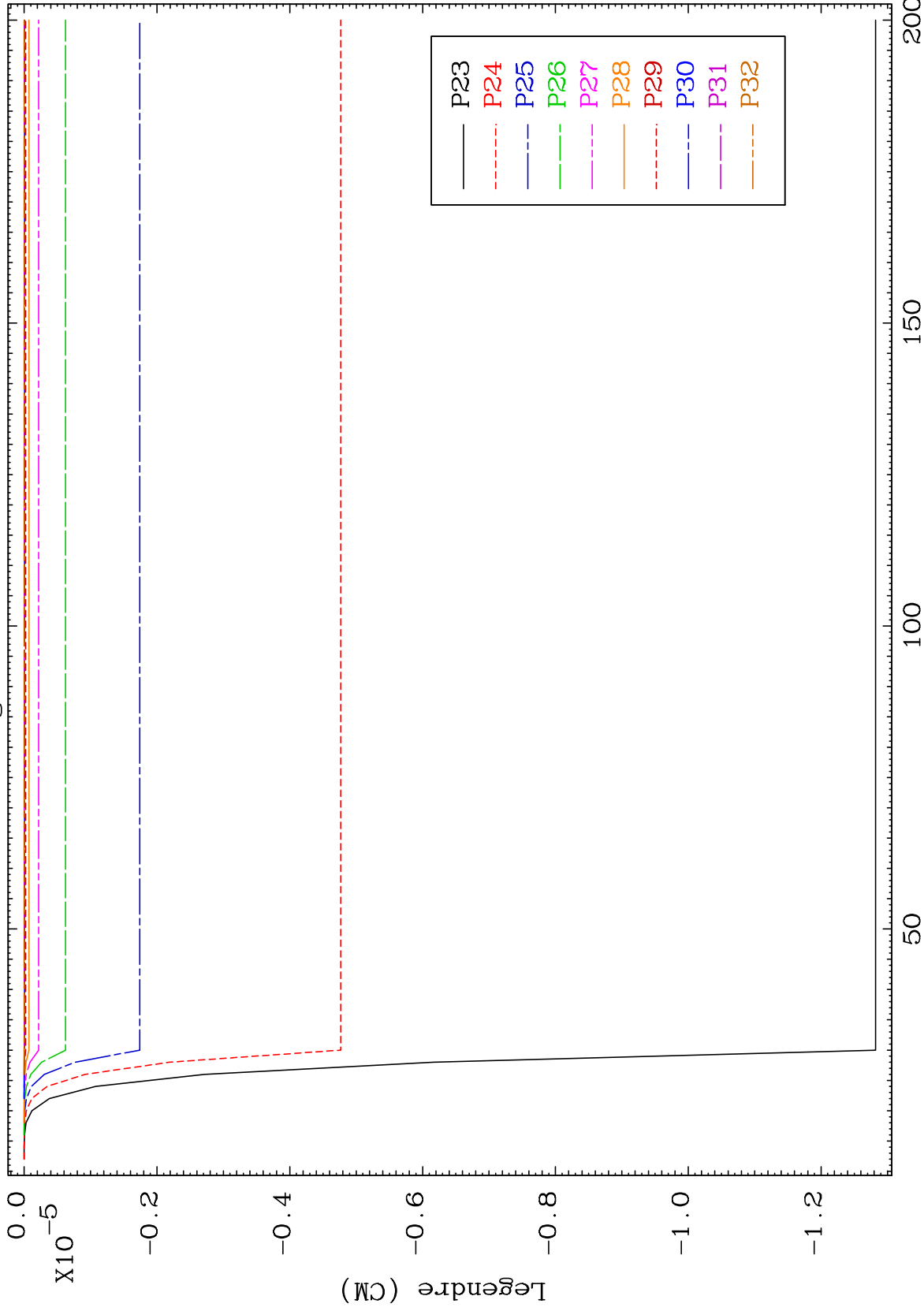
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



26-Fe-63

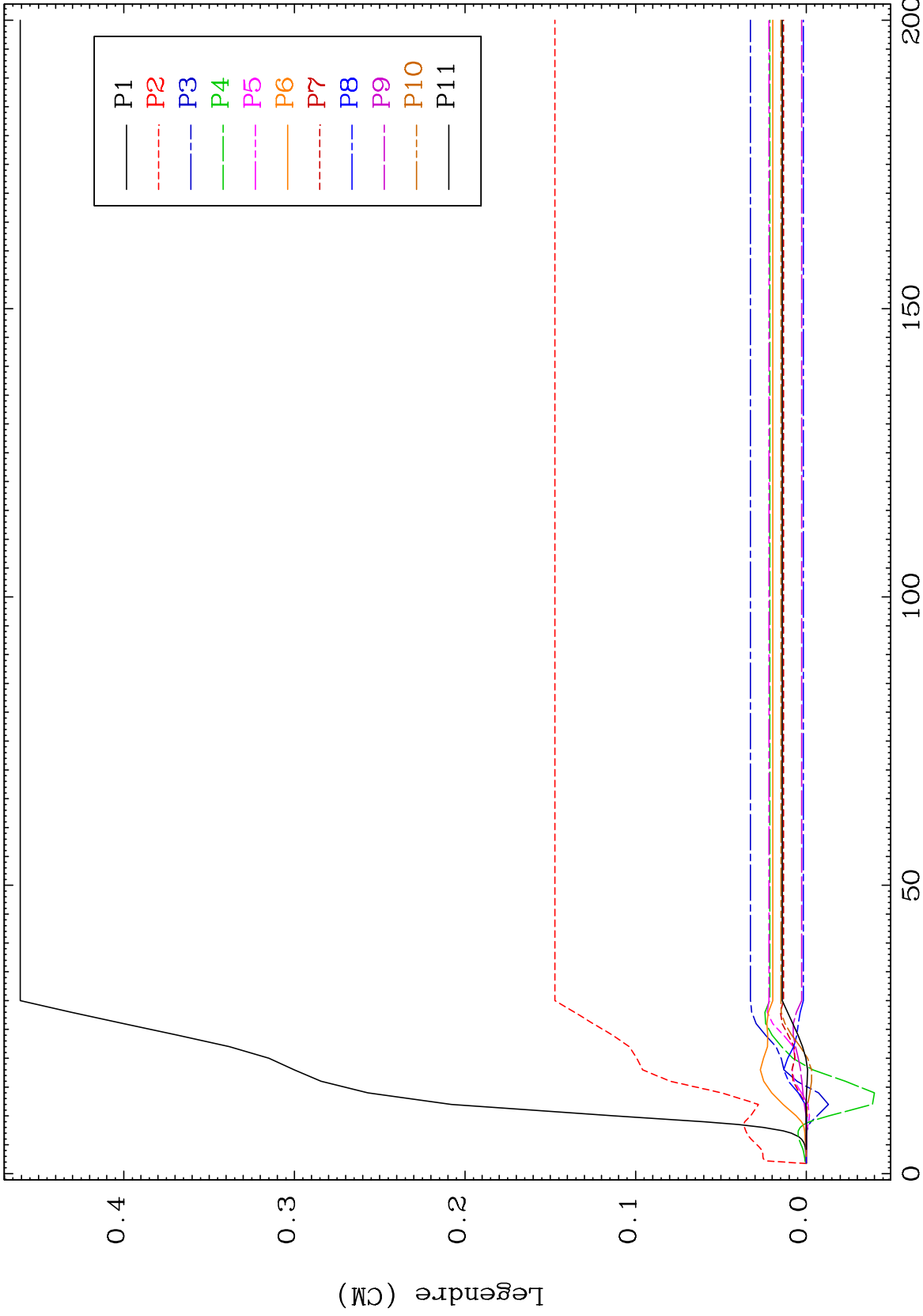
Incident Energy (MeV)

39

MAT 2652

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

26-Fe-63

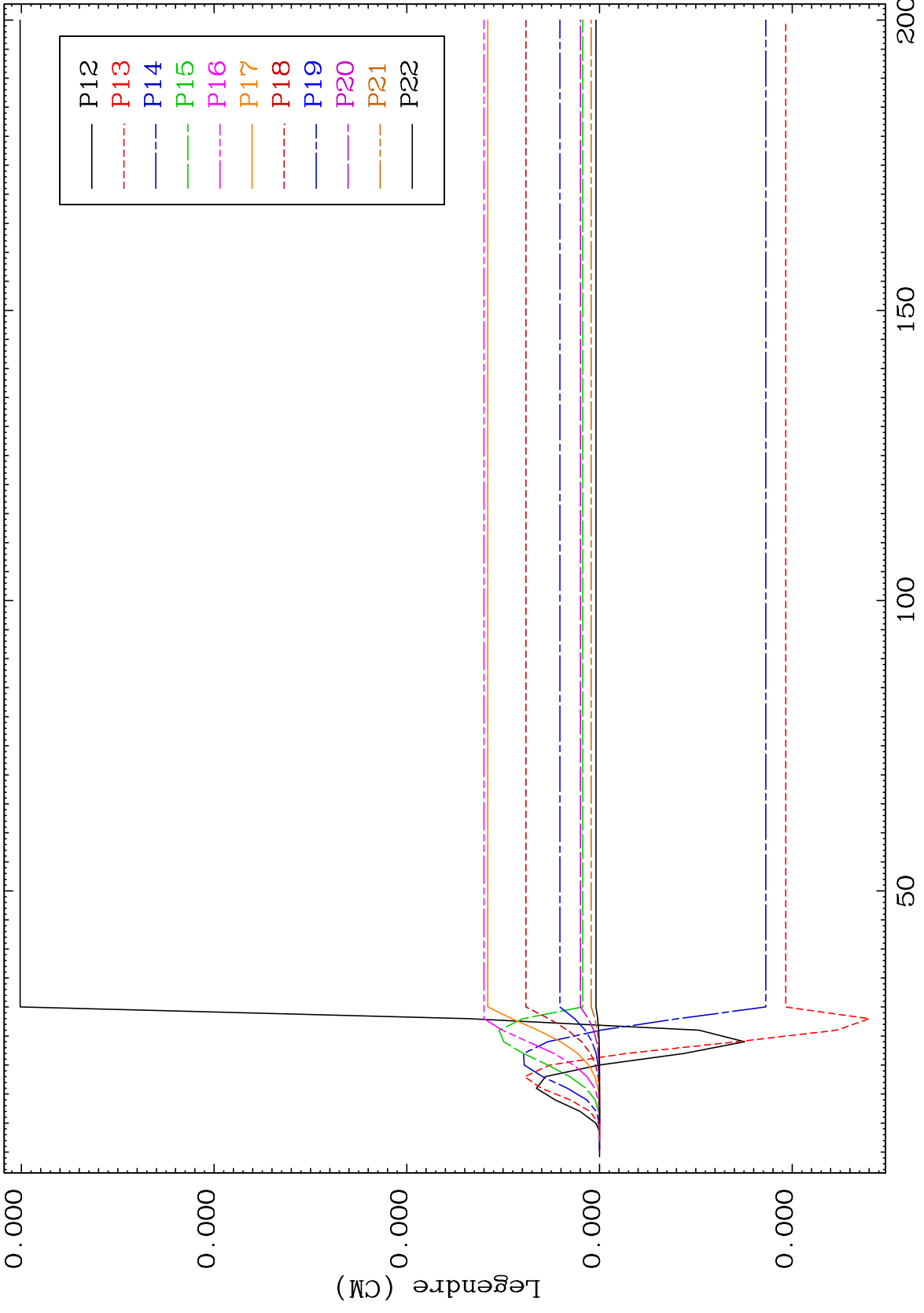


26-Fe-63

Incident Energy (MeV)

40

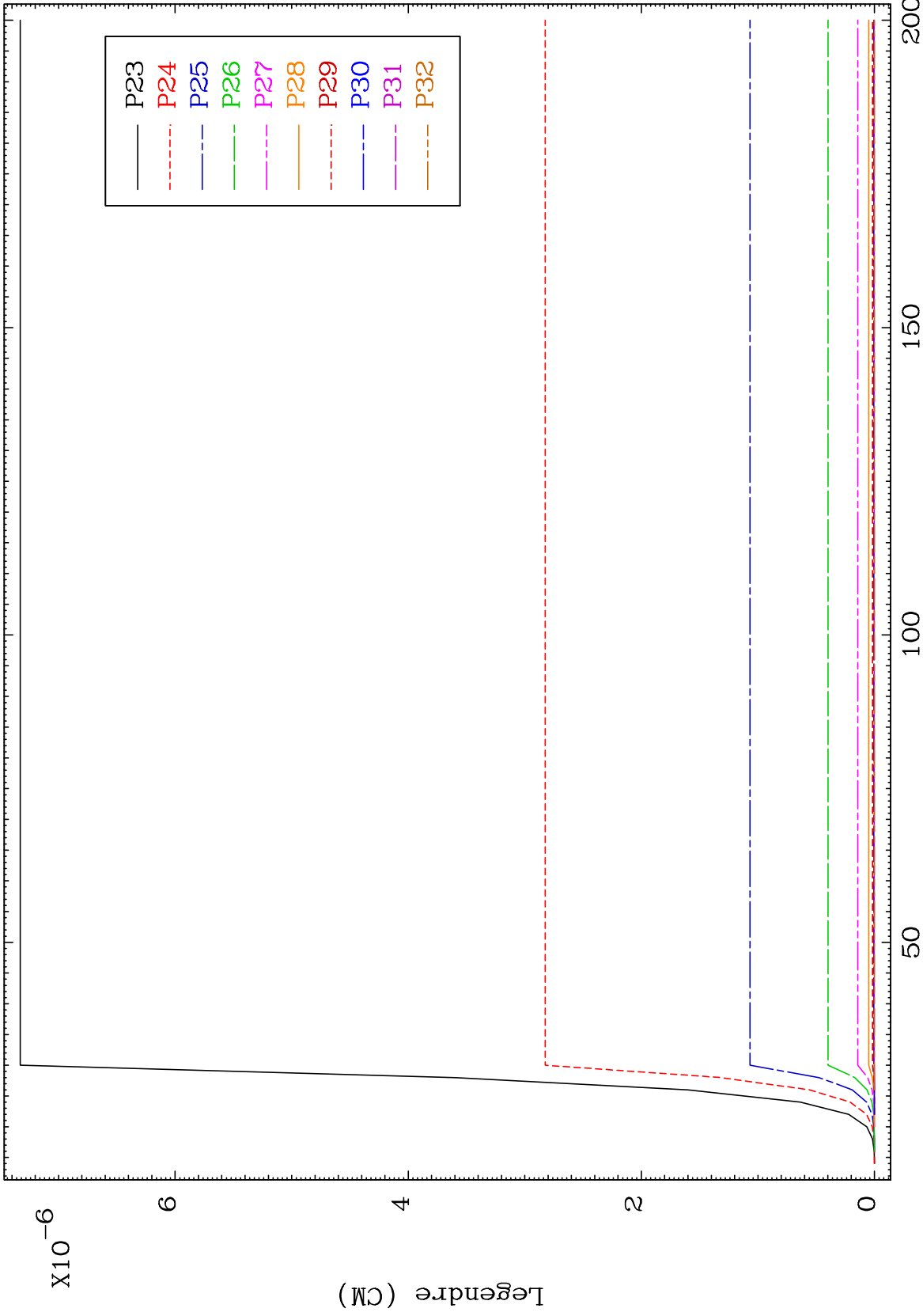
MAT 2652 MT= 58 (n,n') Level Legendre Coefficients 26-Fe-63



MAT 2652

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

26-Fe-63



42

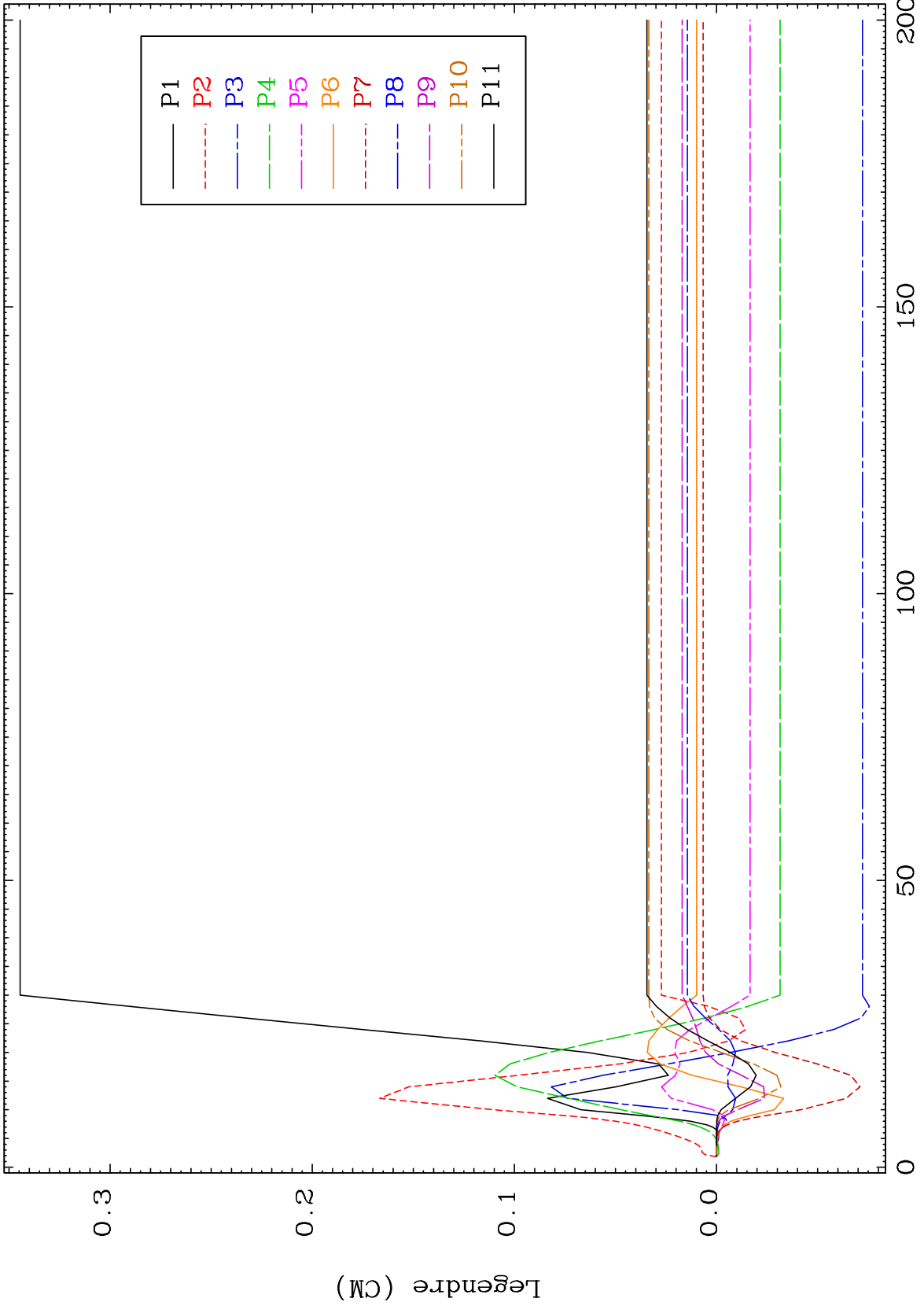
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



43

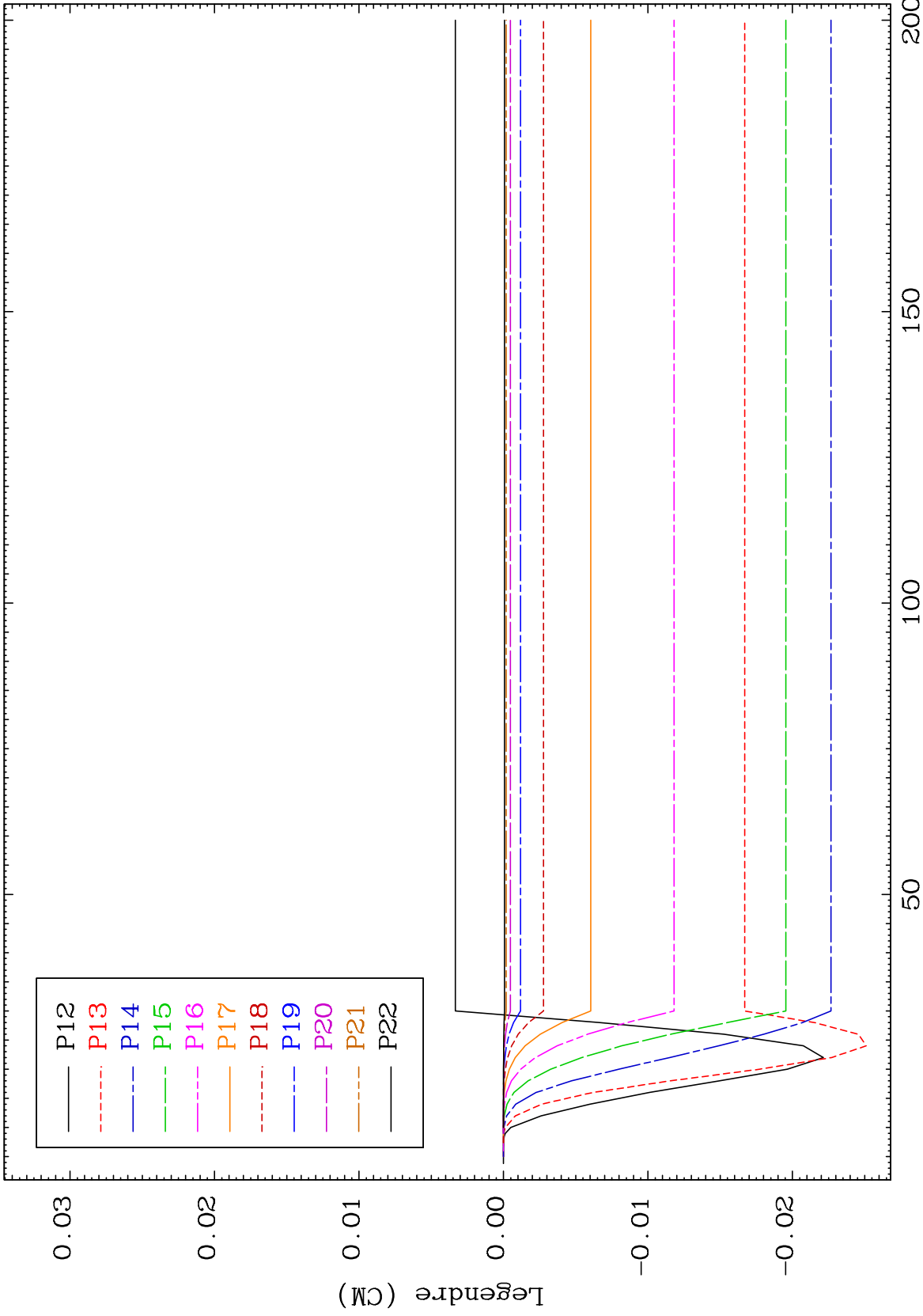
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

²⁶Fe-63



44

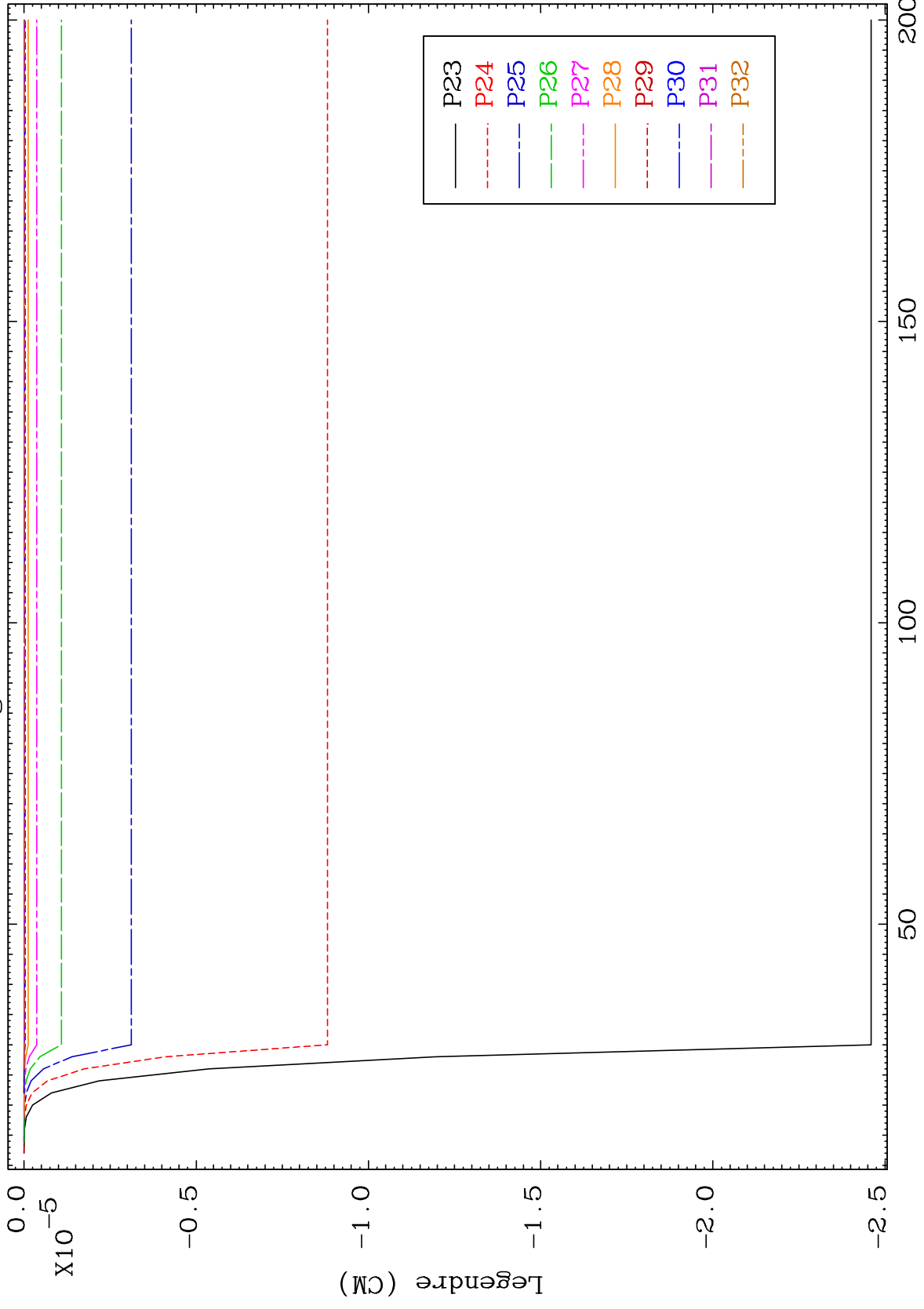
Incident Energy (MeV)

²⁶Fe-63

MAT 2652

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

26-Fe-63



26-Fe-63

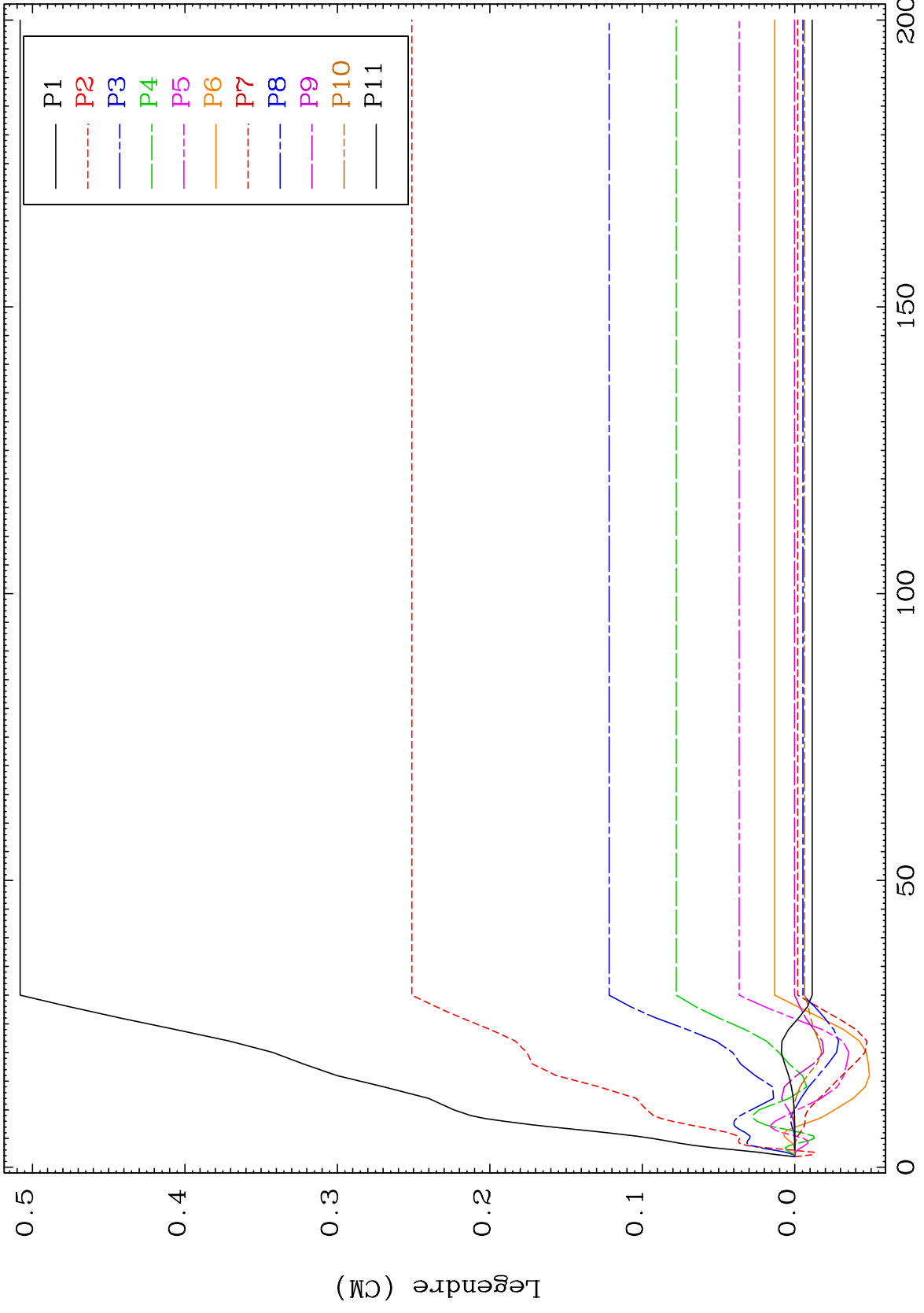
Incident Energy (MeV)

45

MAT 2652

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

26-Fe-63



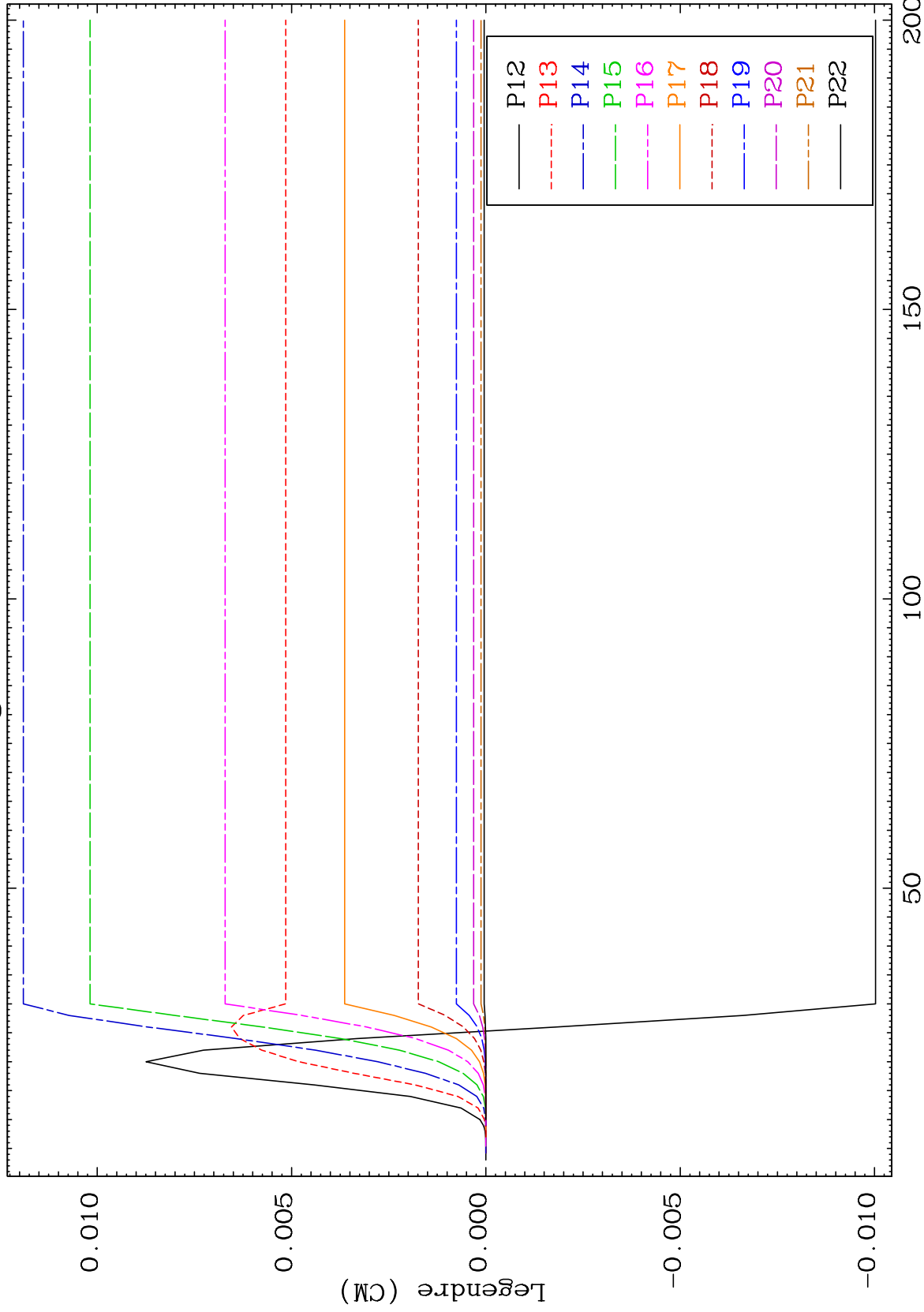
46

26-Fe-63

MAT 2652

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

26-Fe-63



47

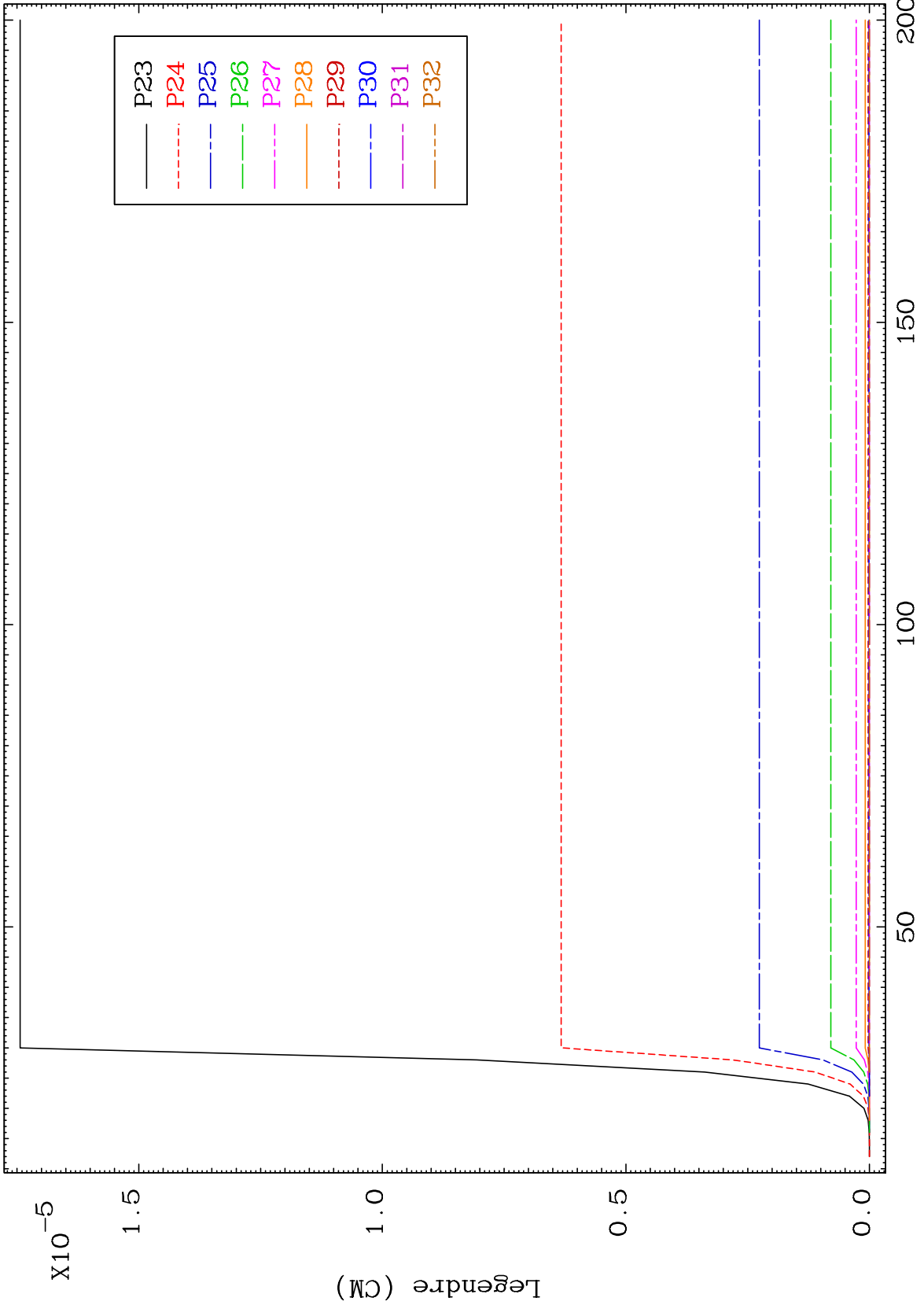
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



48

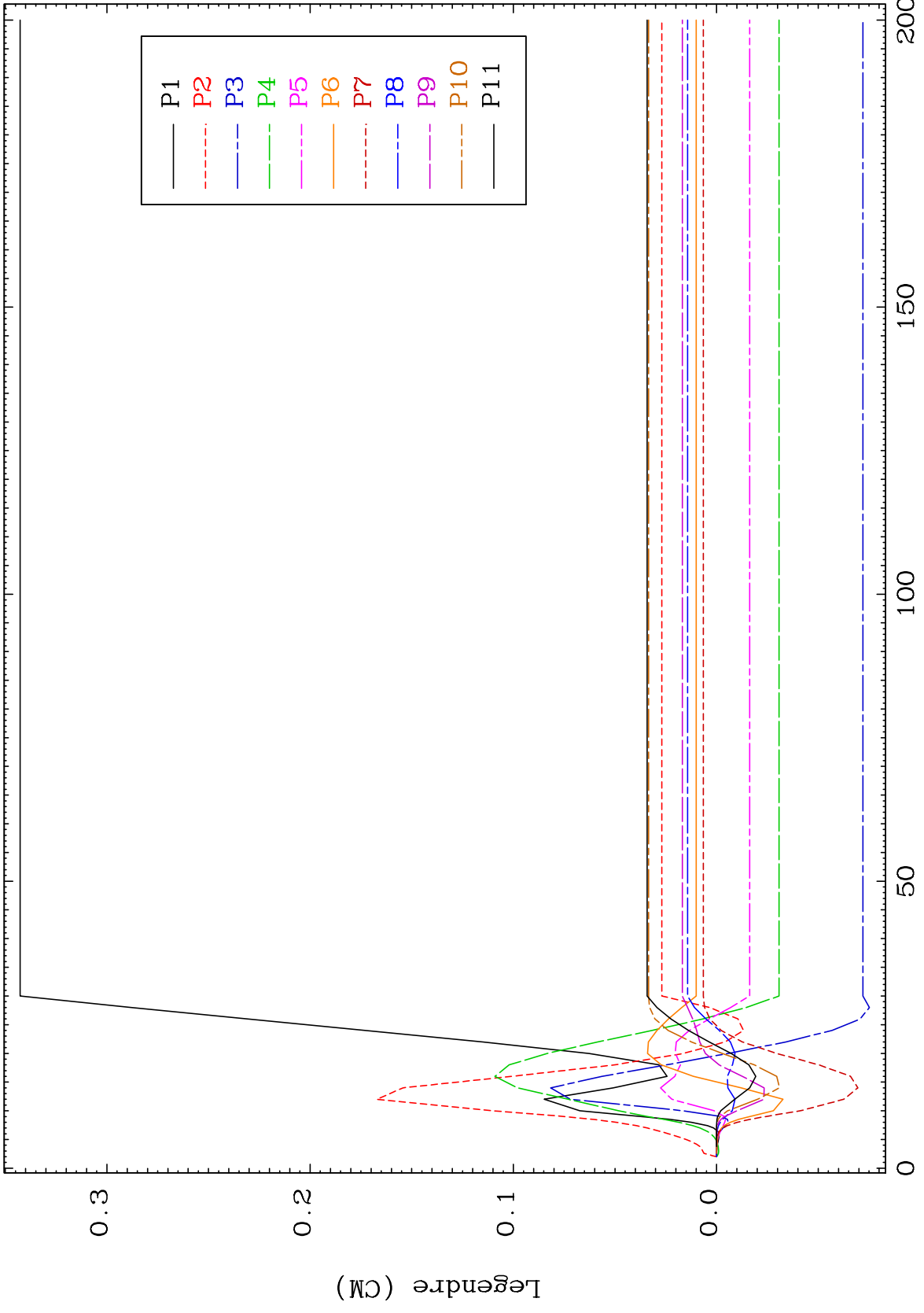
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



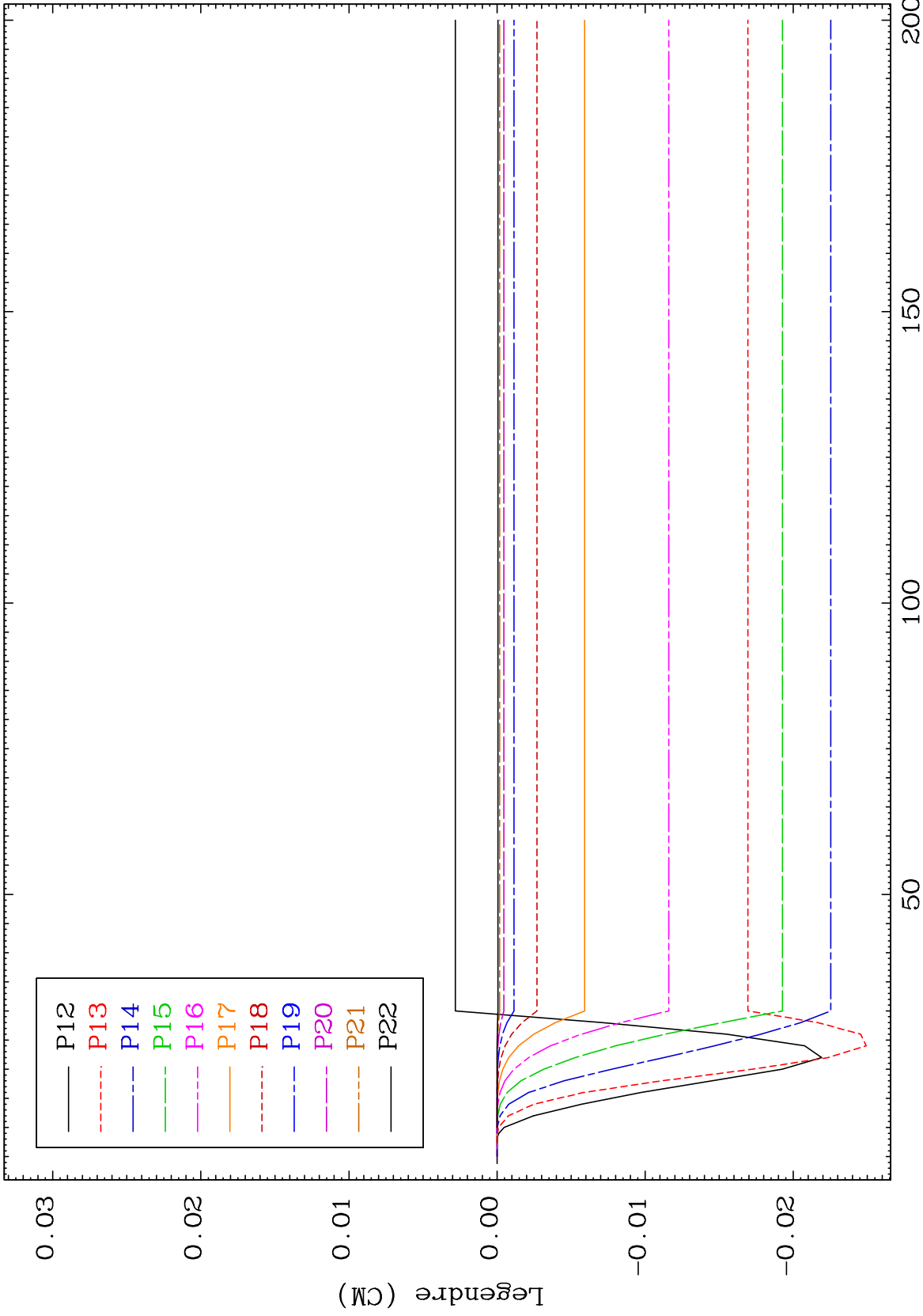
49

26-Fe-63

MAT 2652

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

26-Fe-63



50

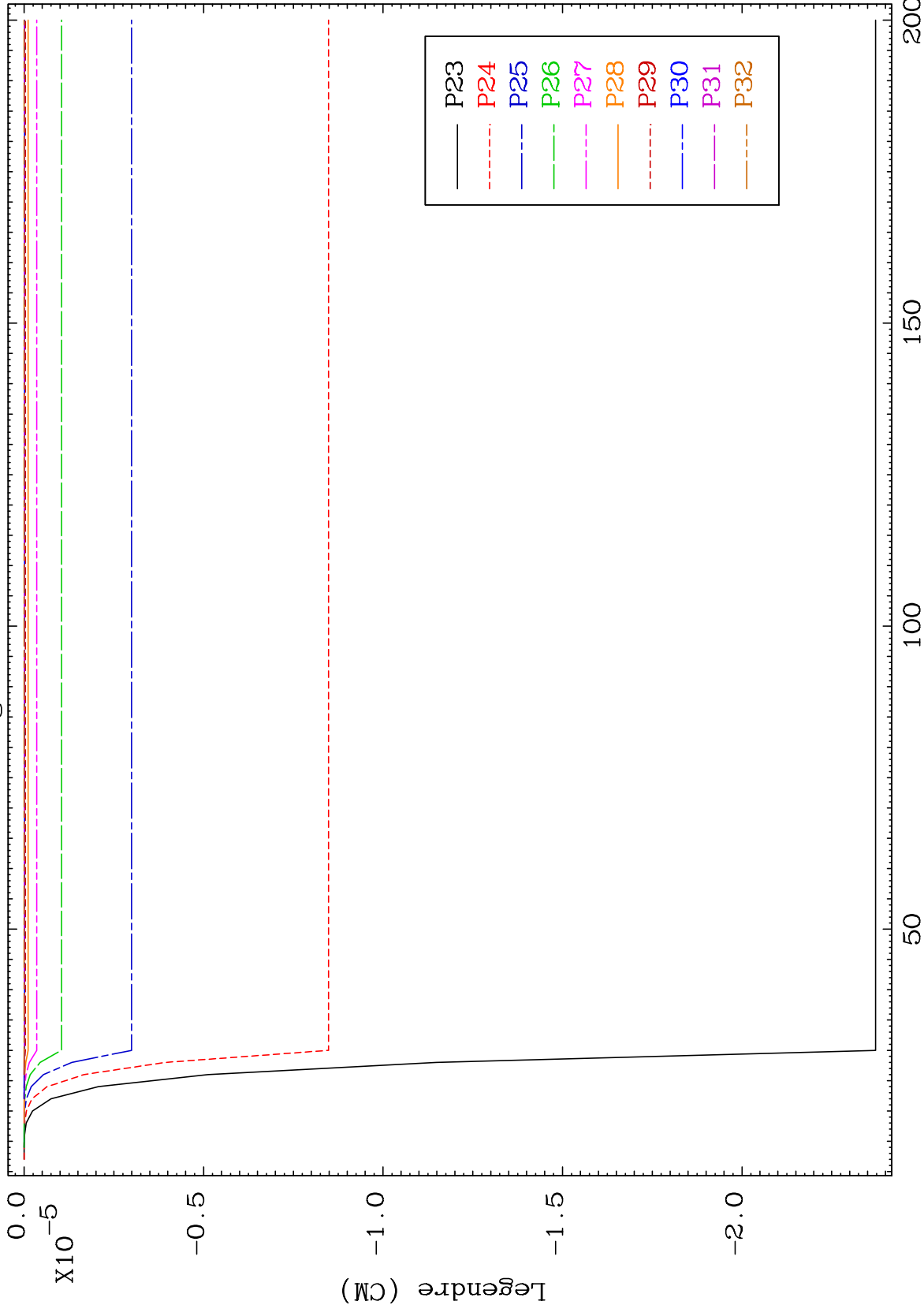
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



26-Fe-63

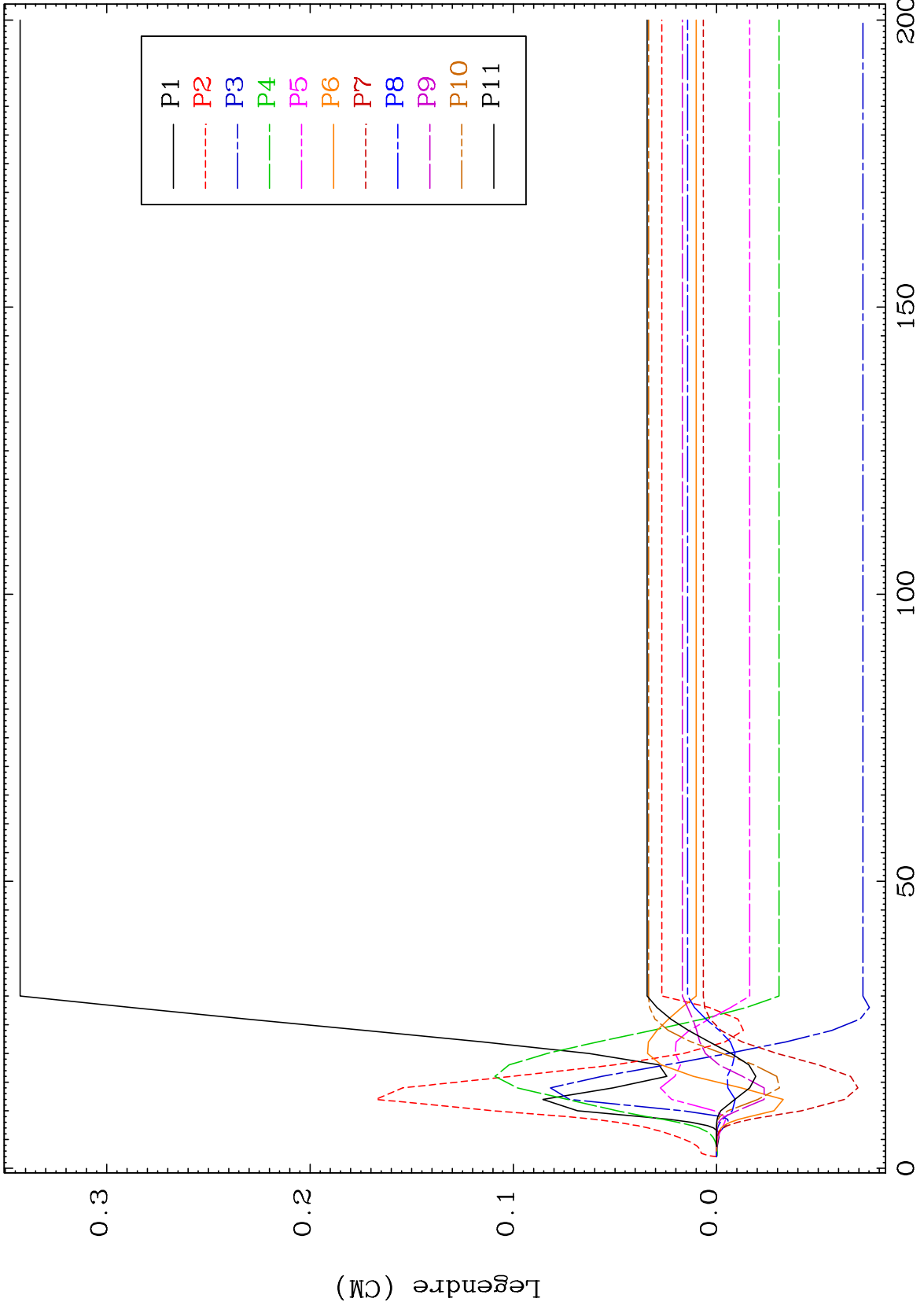
Incident Energy (MeV)

51

MAT 2652

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

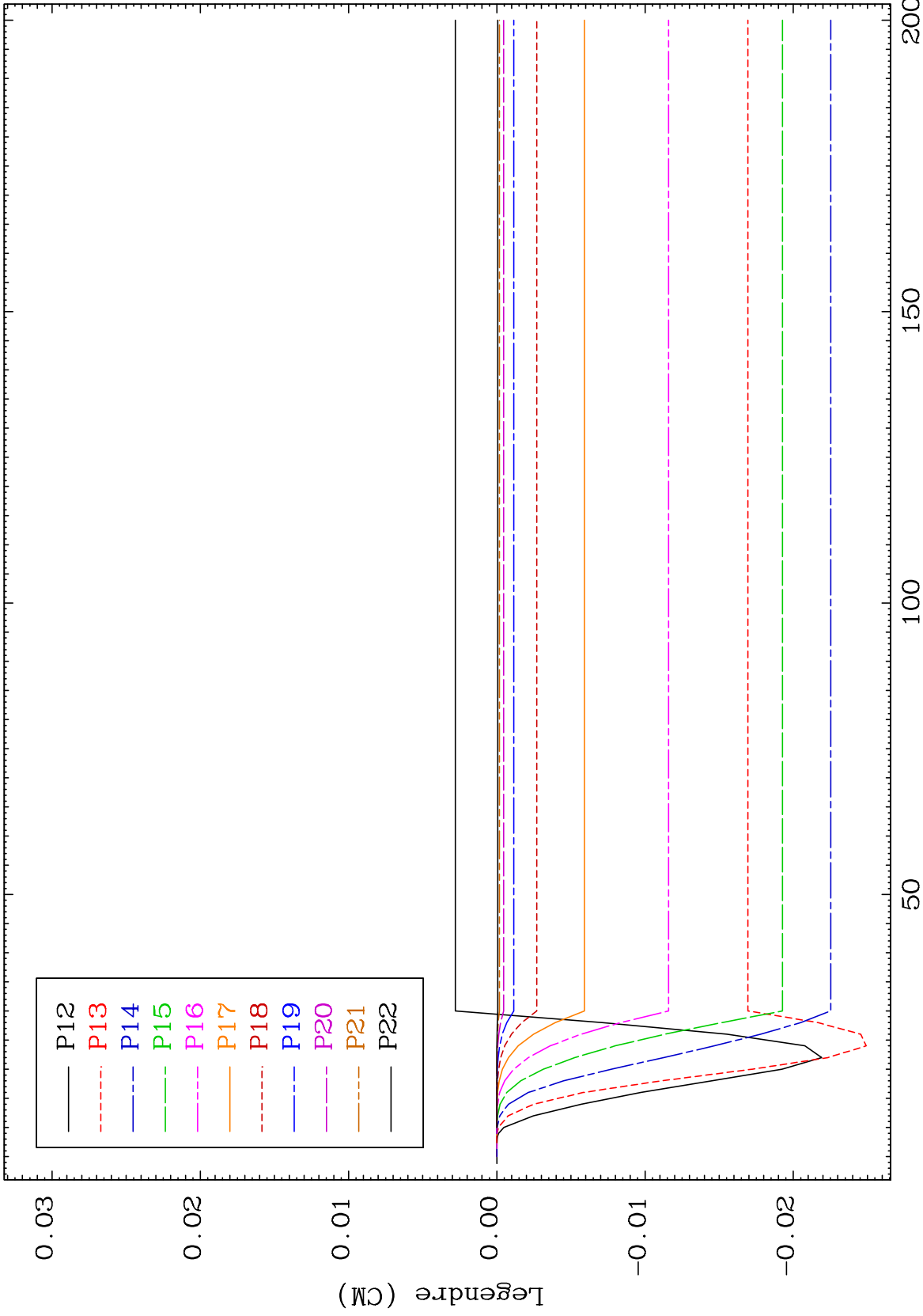
26-Fe-63



52

Incident Energy (MeV)

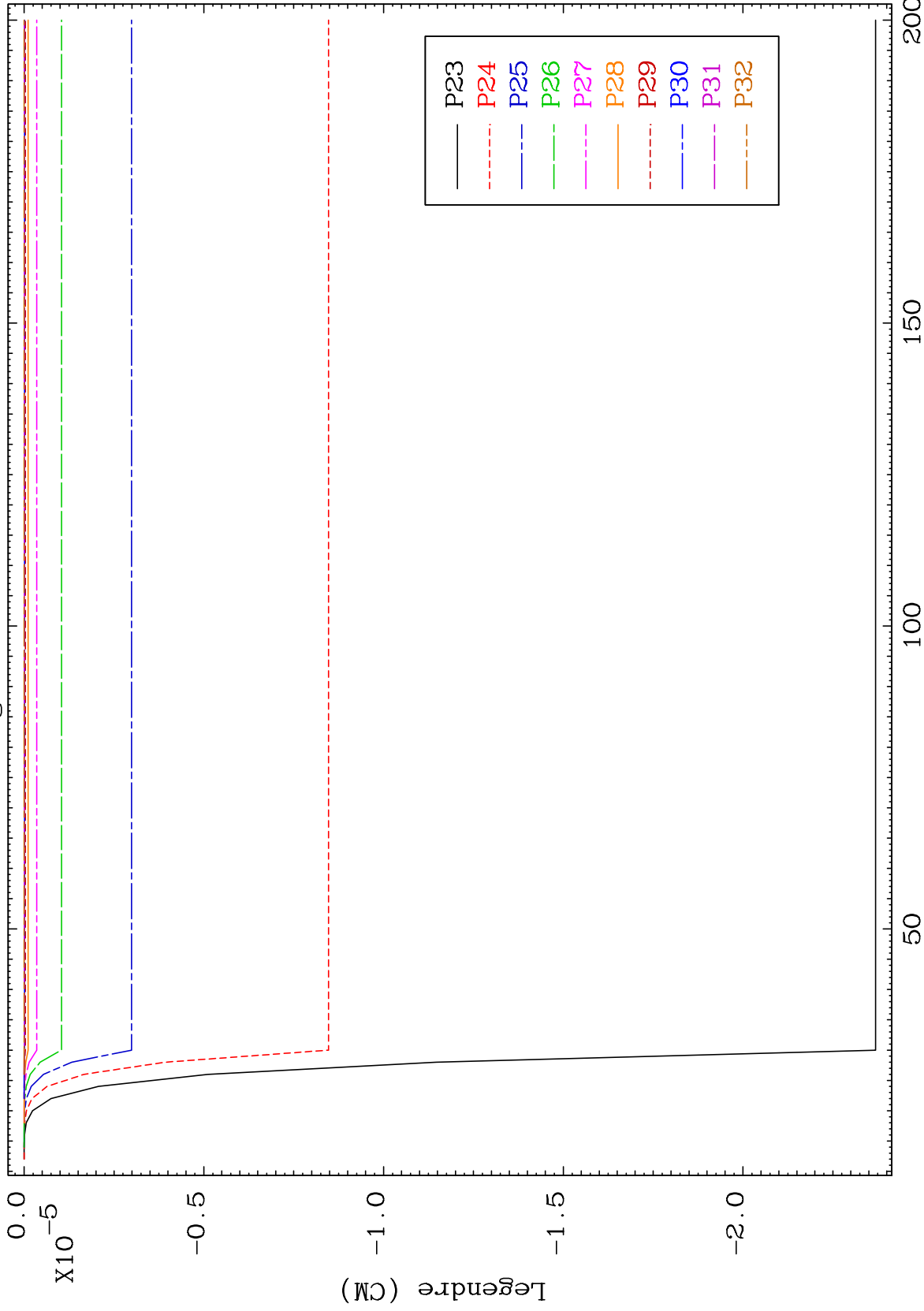
26-Fe-63



MAT 2652

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

26-Fe-63



26-Fe-63

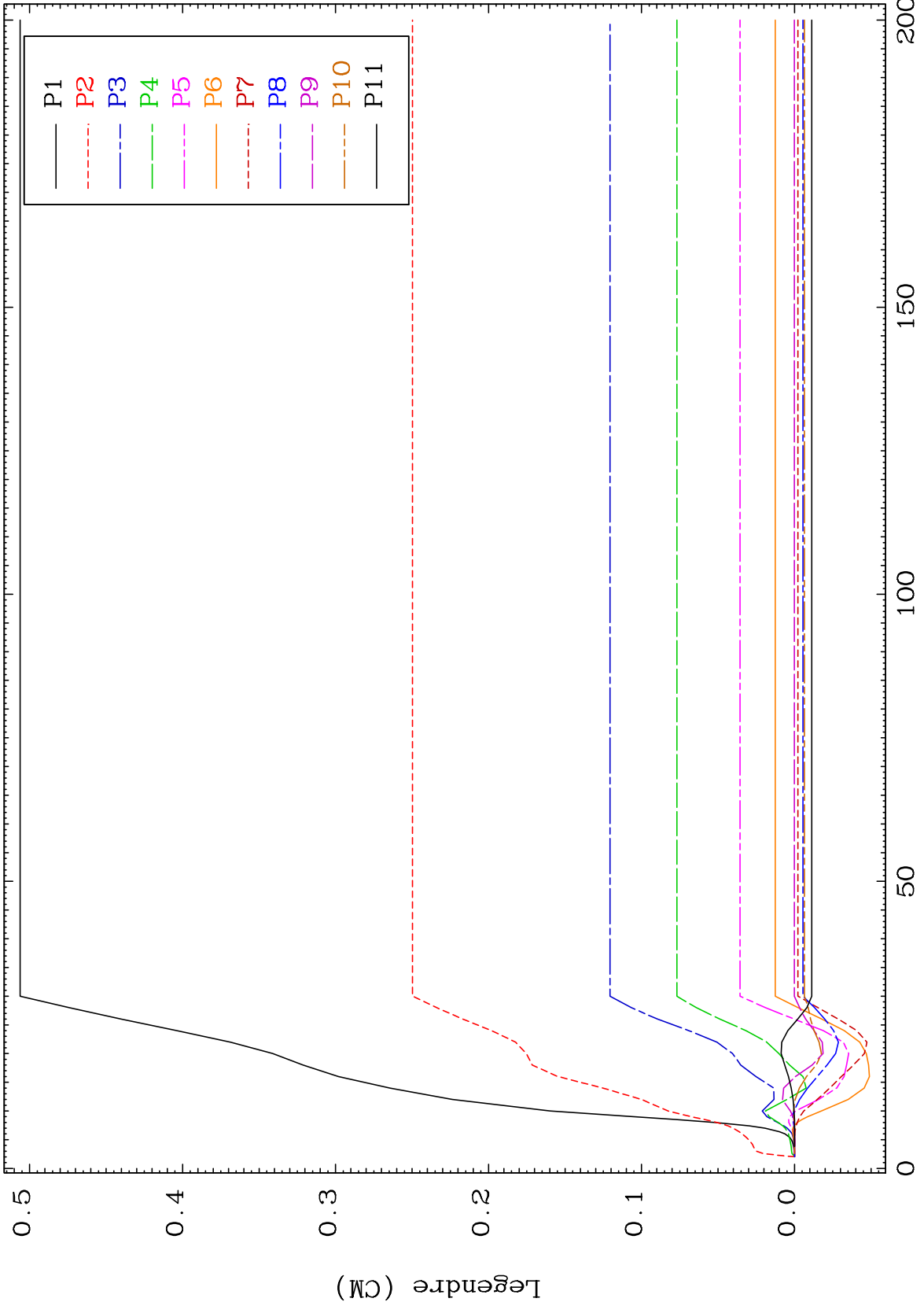
Incident Energy (MeV)

54

MAT 2652

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

26-Fe-63



55

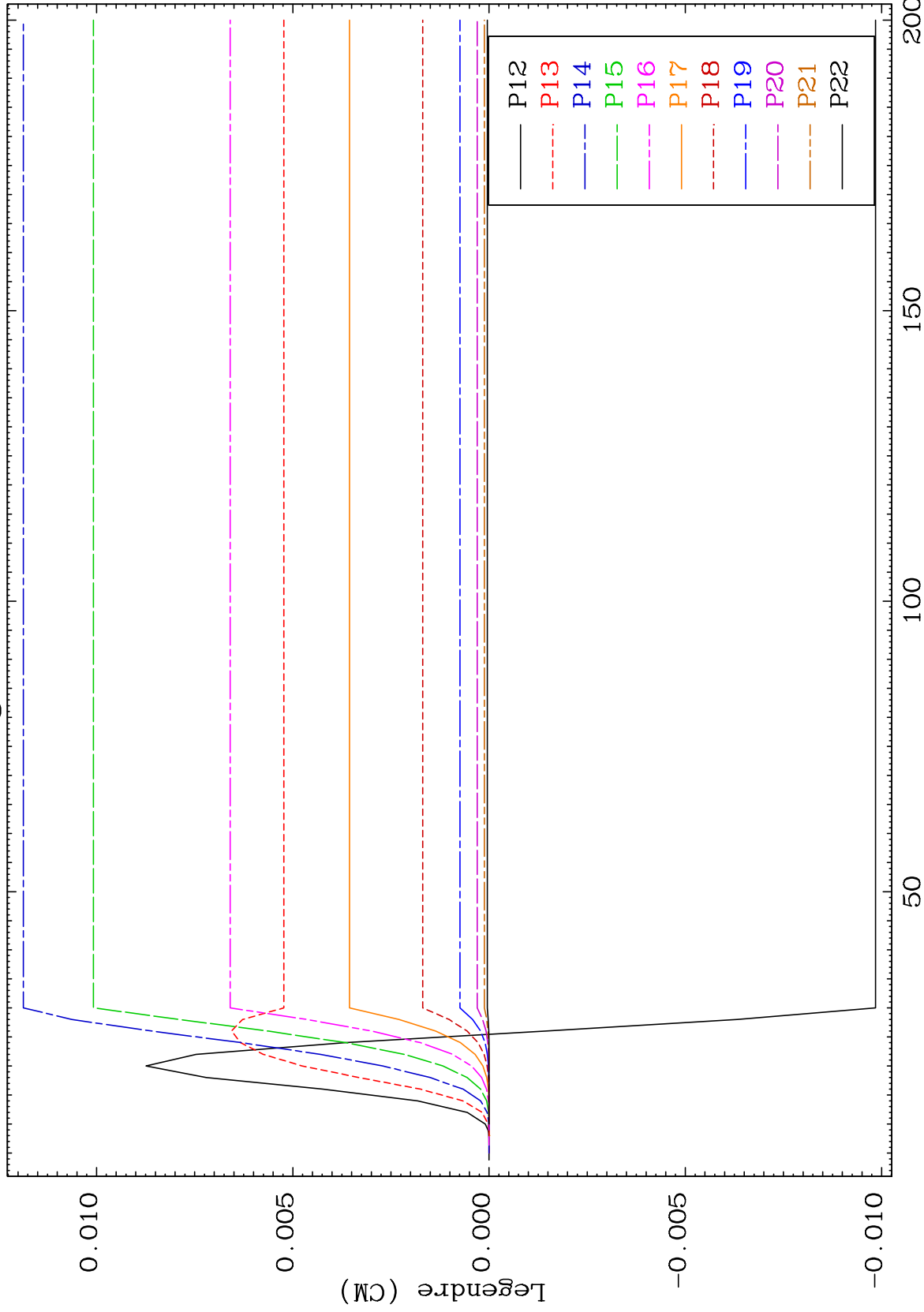
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



56

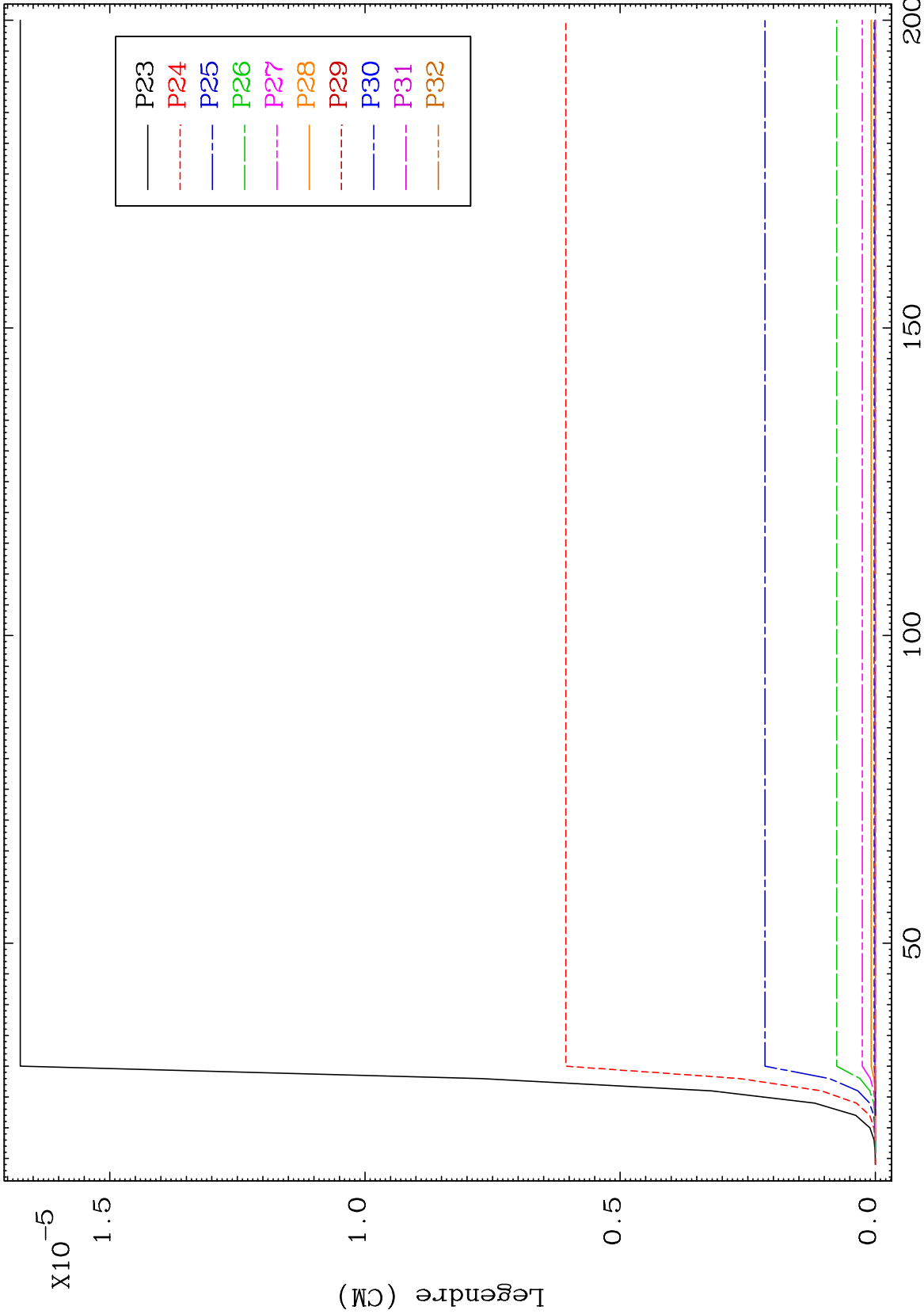
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



57

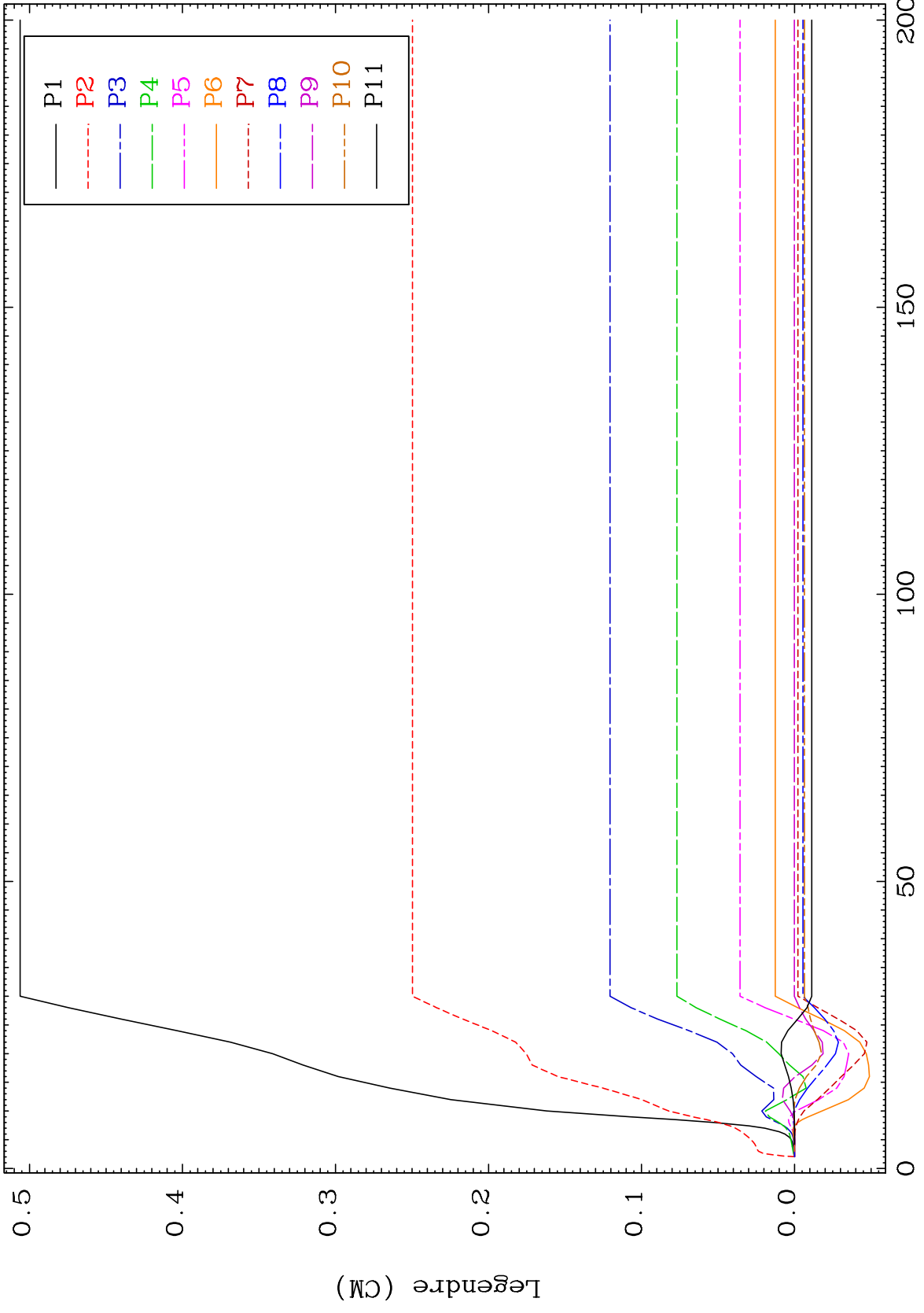
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



58

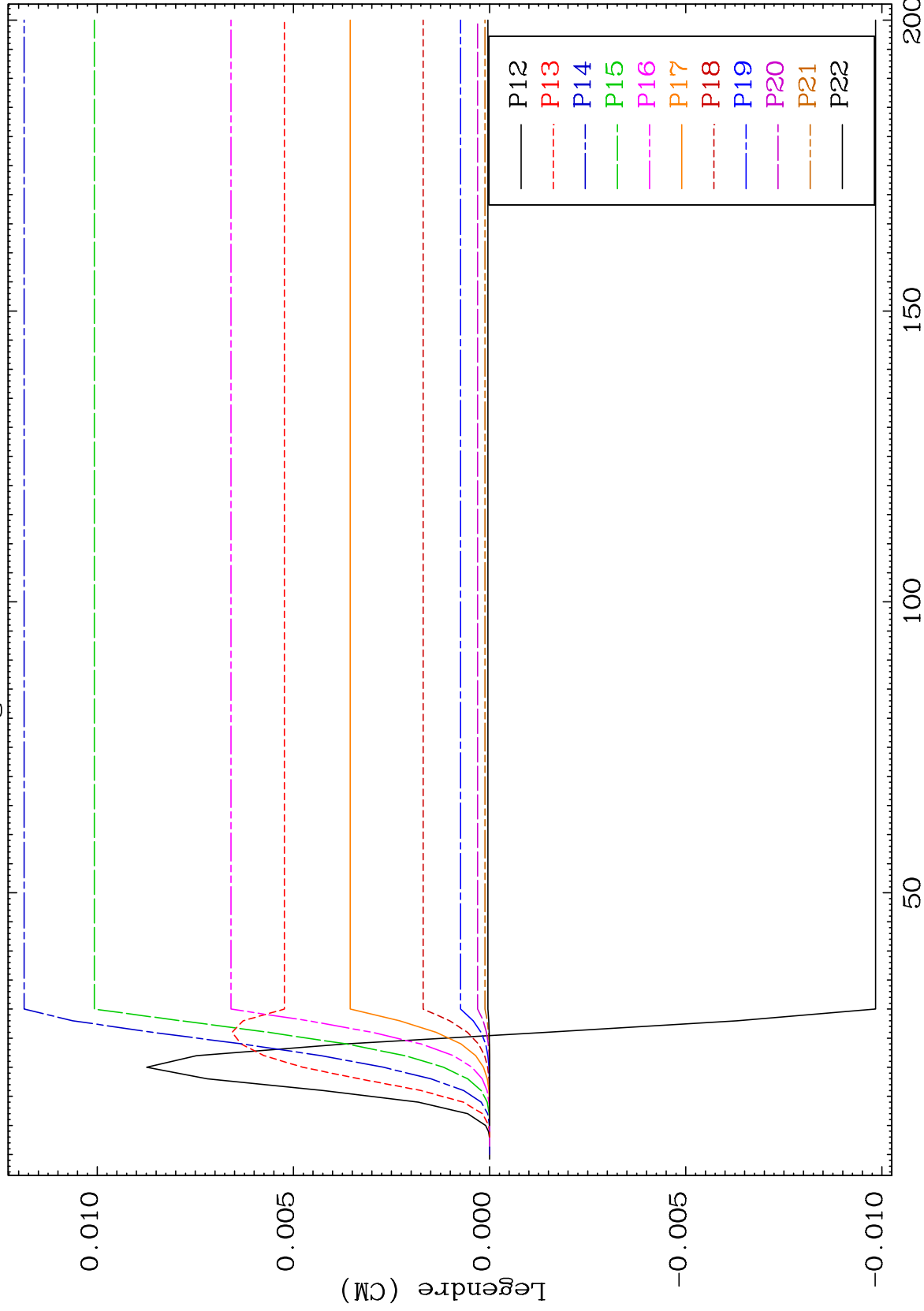
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



59

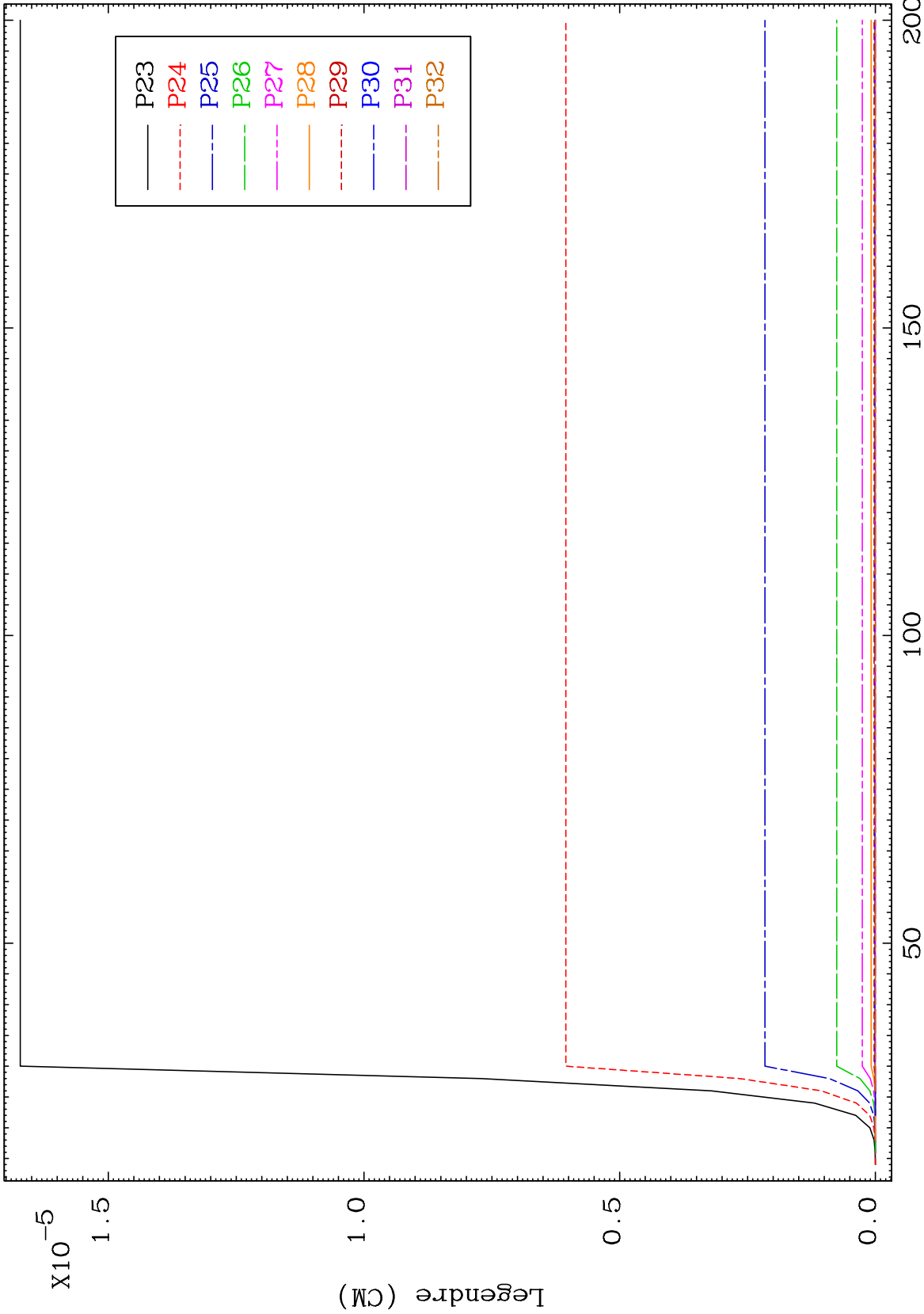
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



60

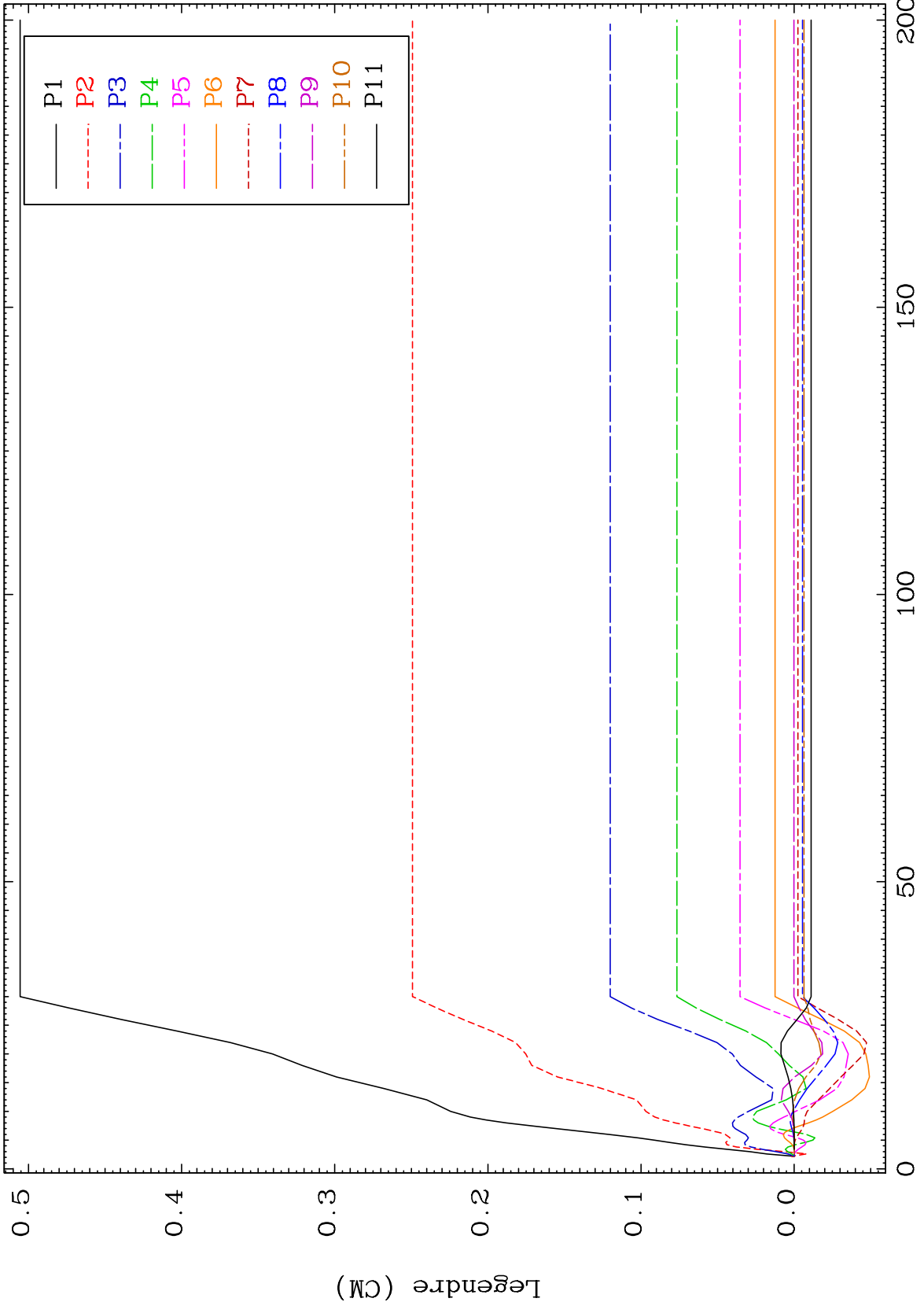
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



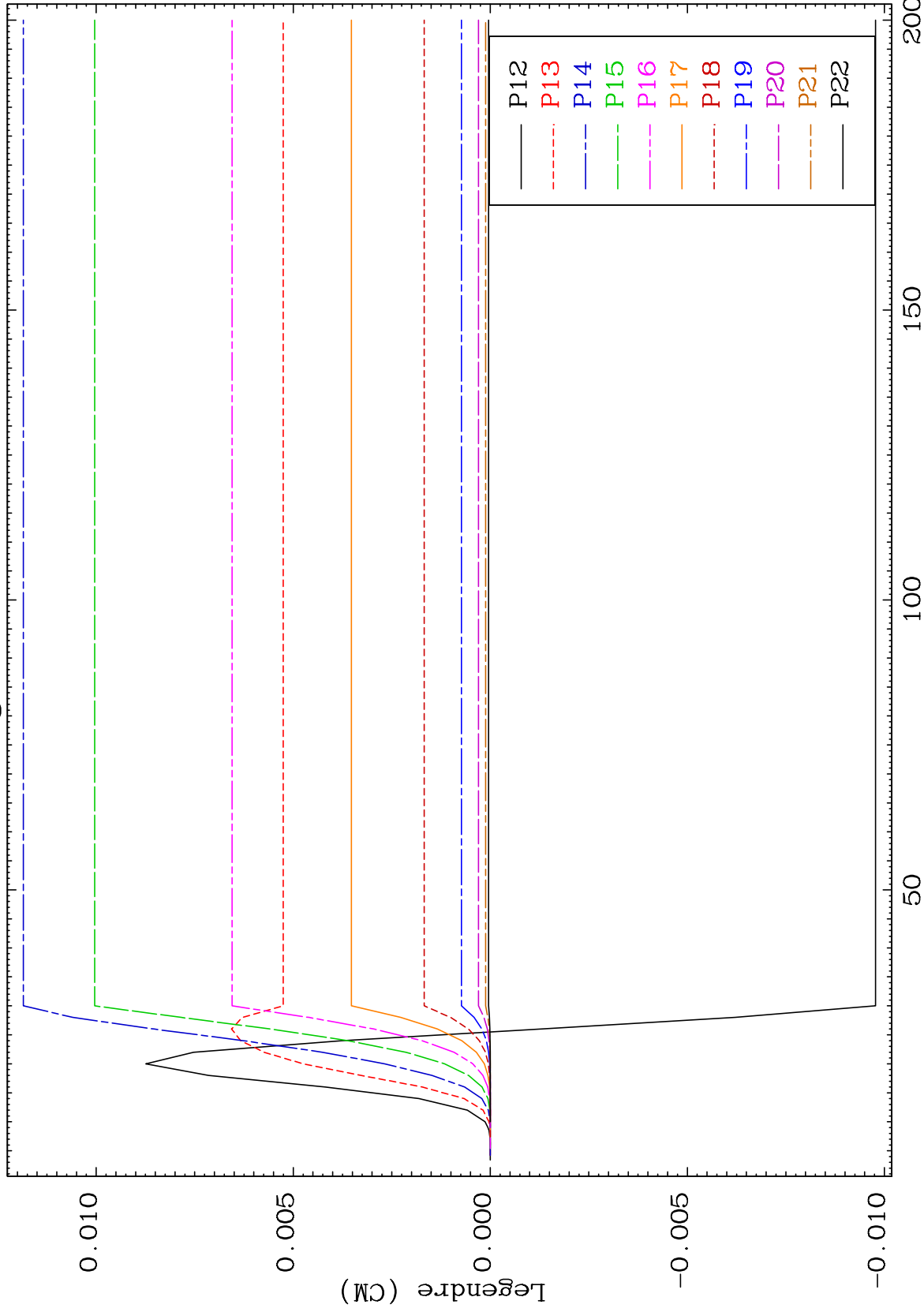
61

26-Fe-63

MAT 2652

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

26-Fe-63



62

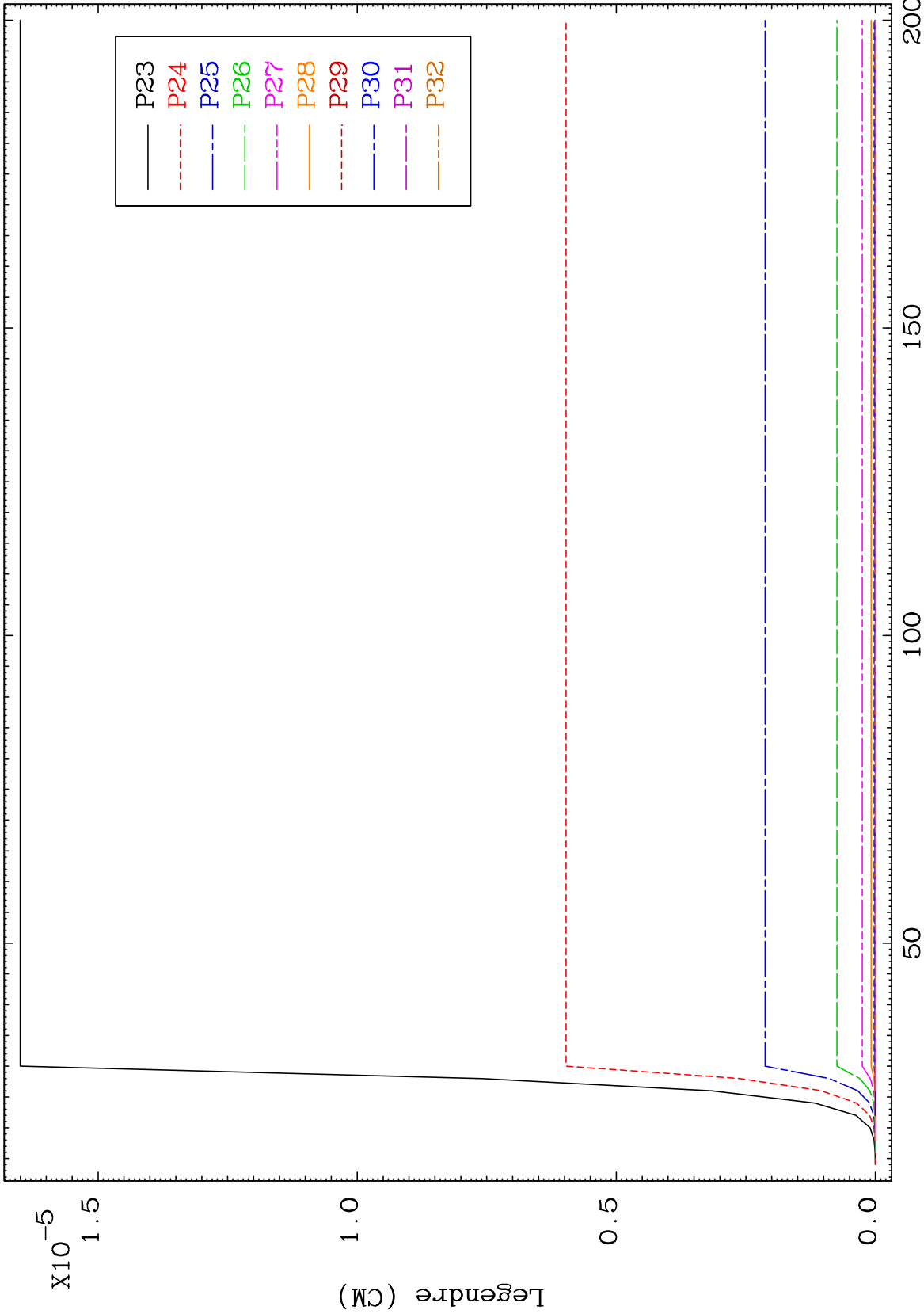
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



63

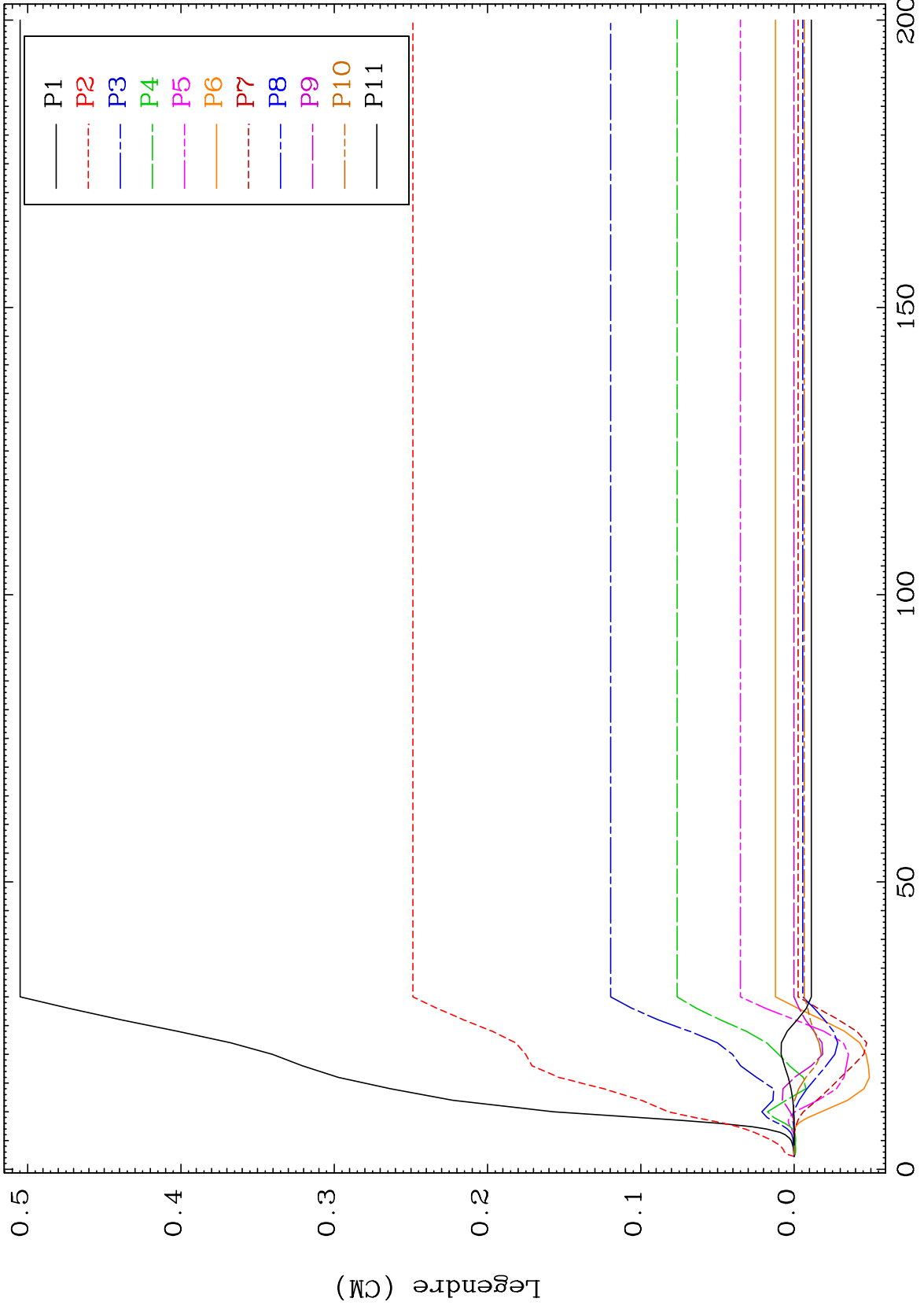
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



64

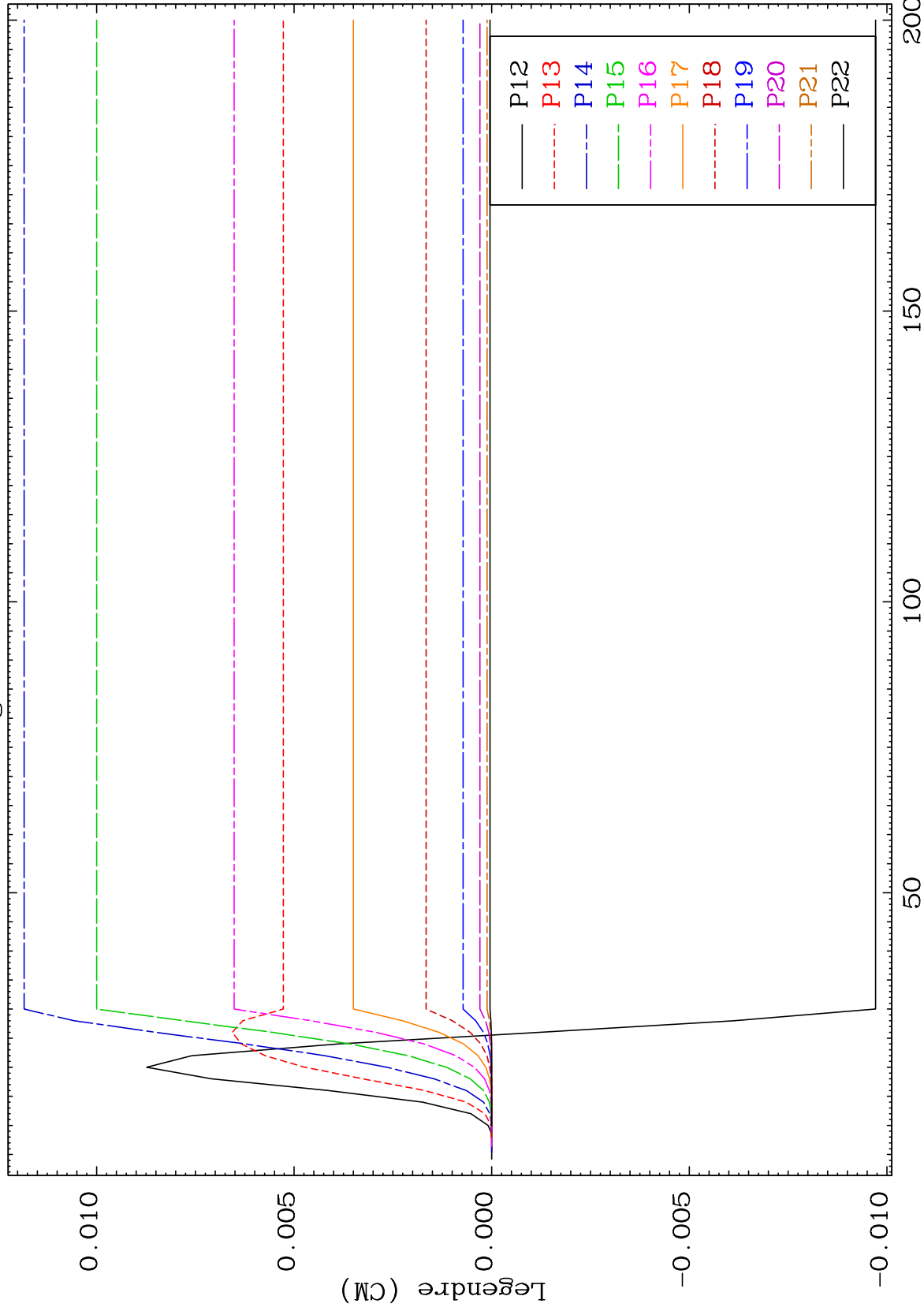
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



65

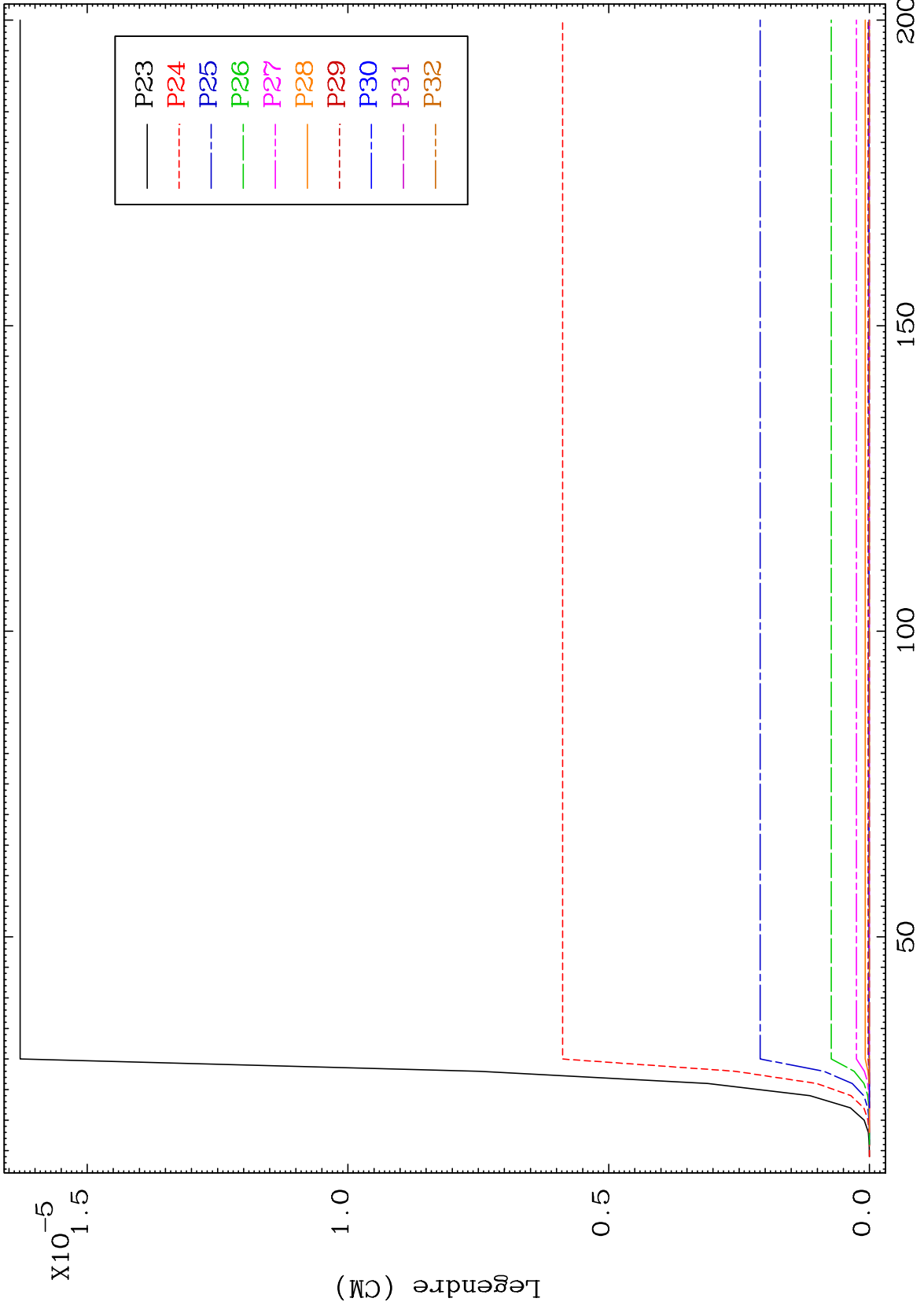
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



66

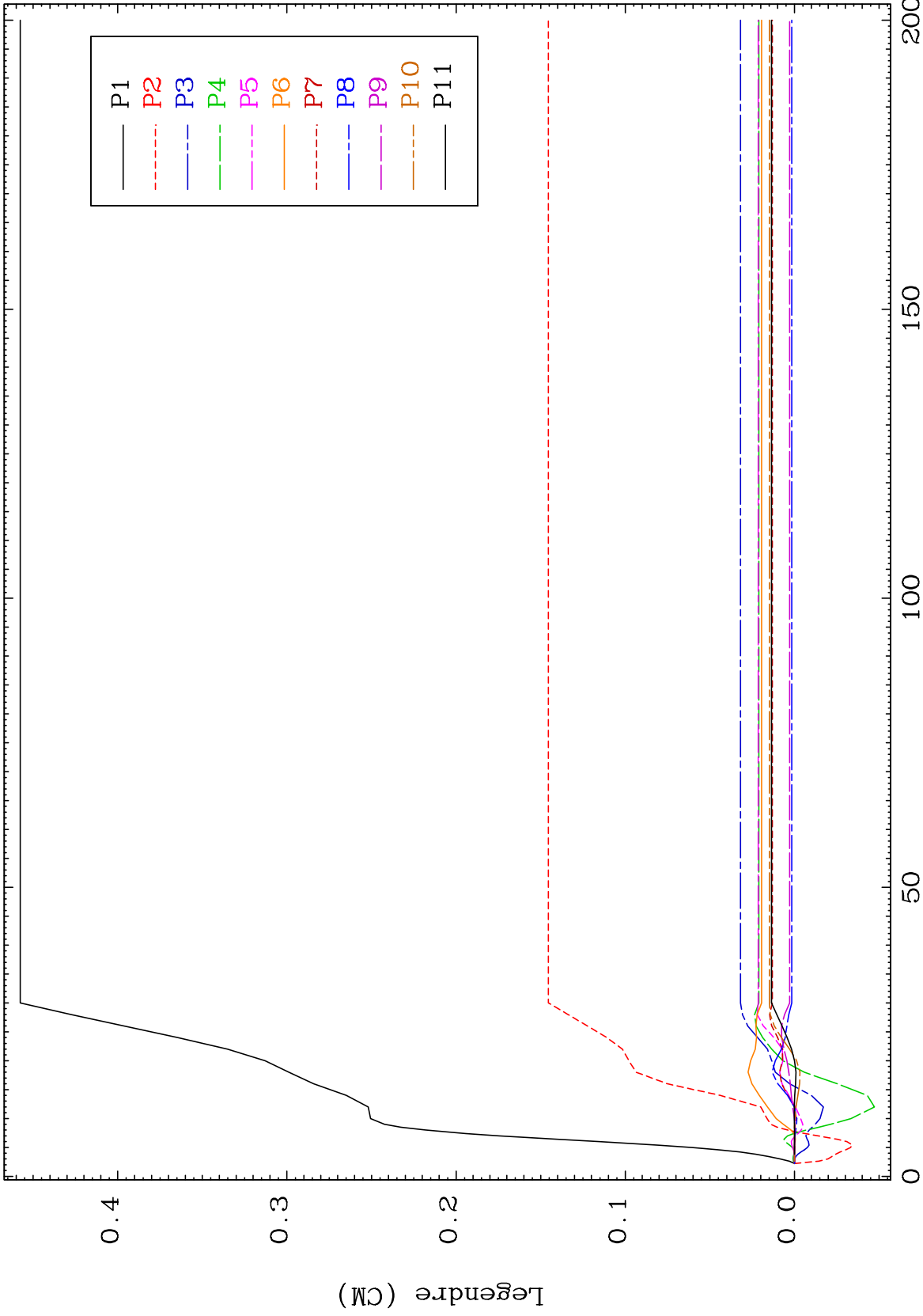
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



67

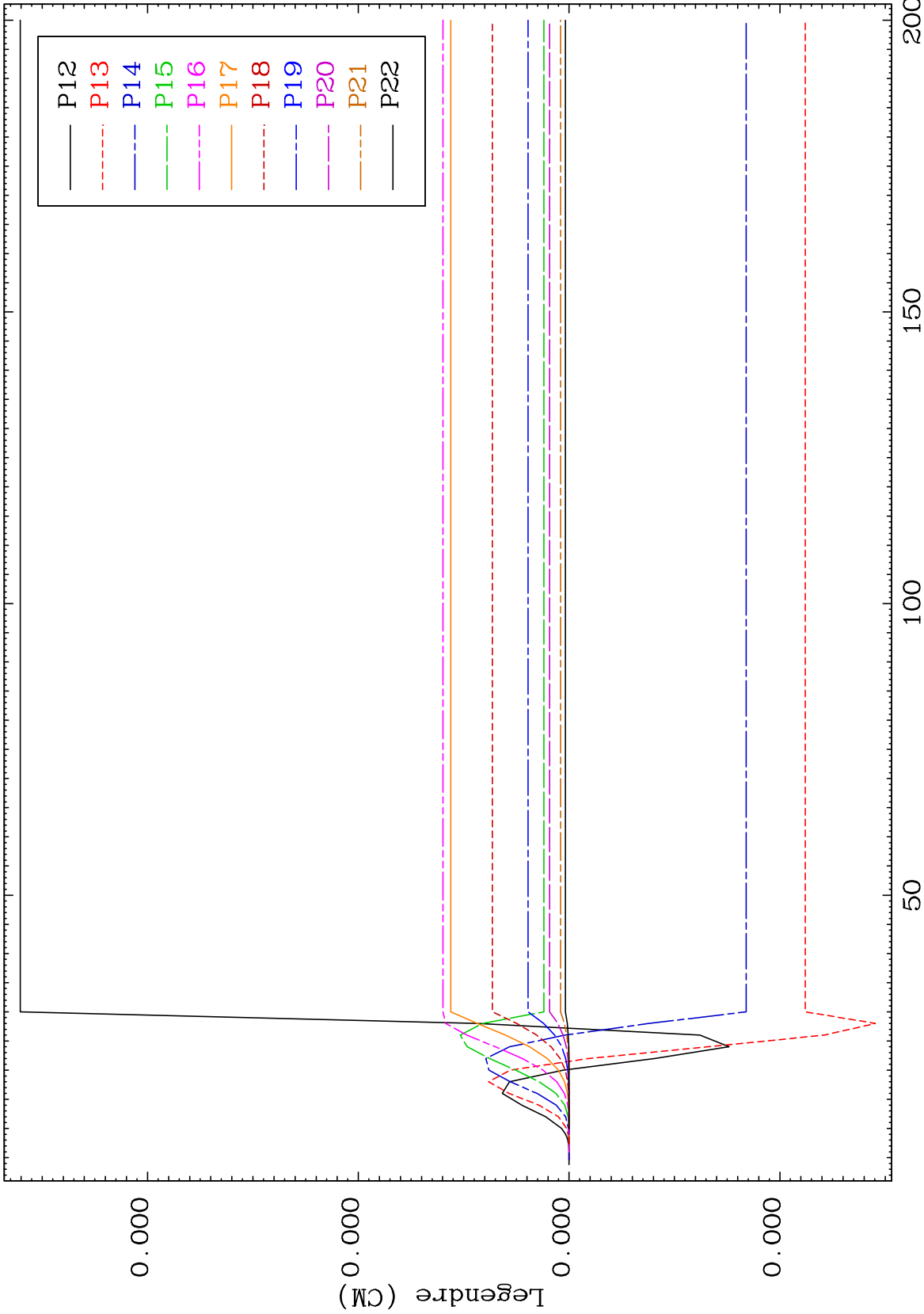
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



68

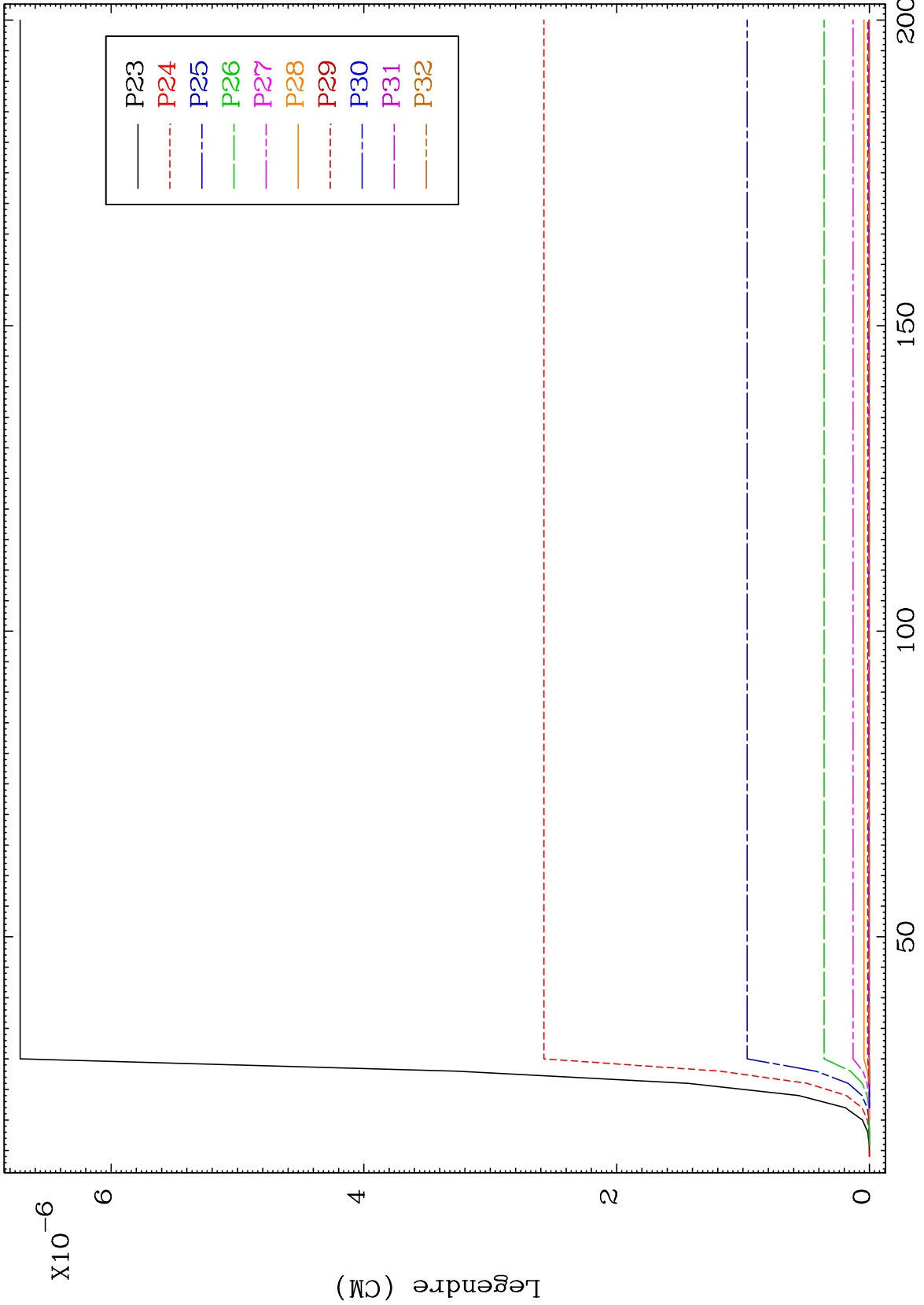
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



69

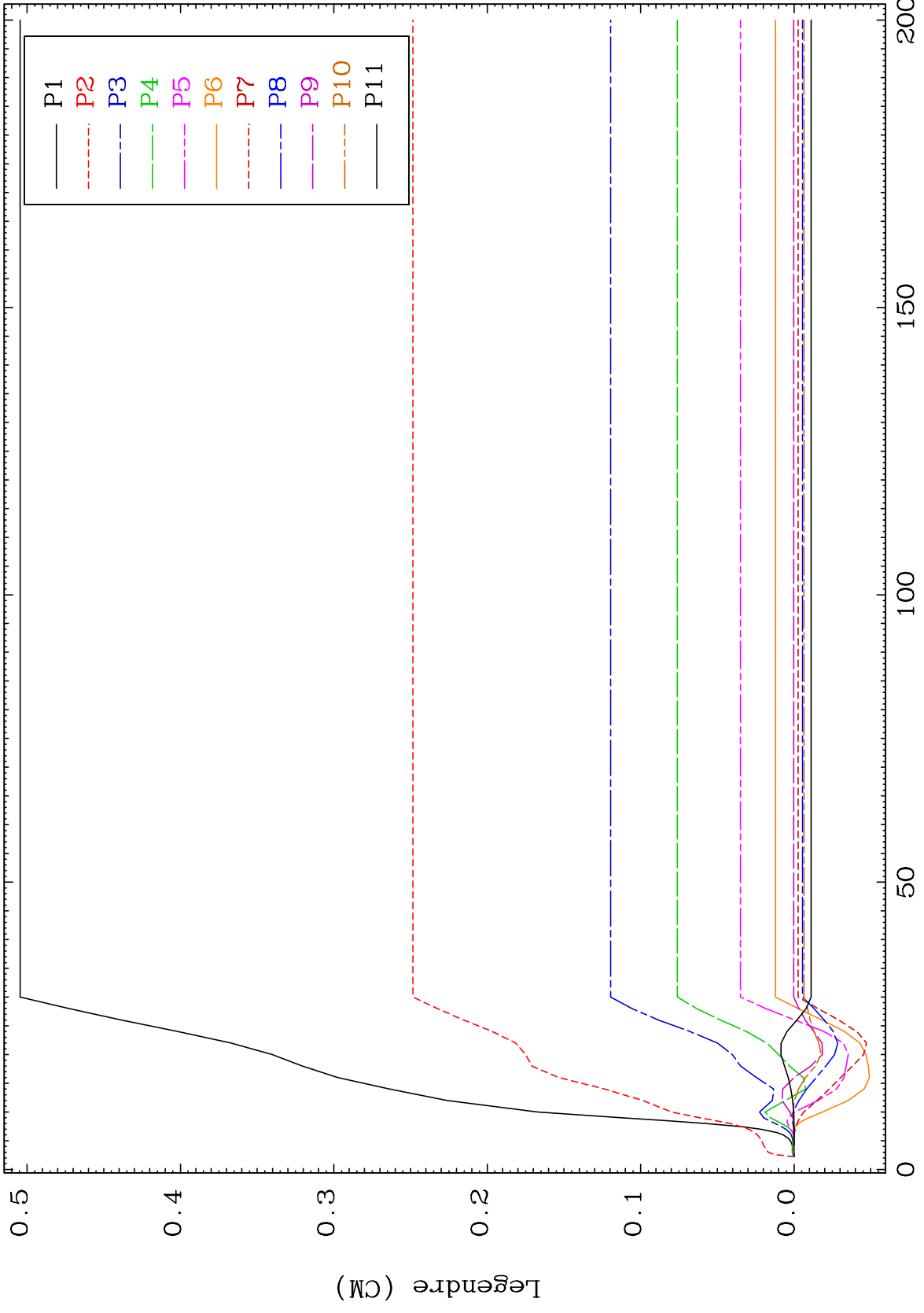
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



70

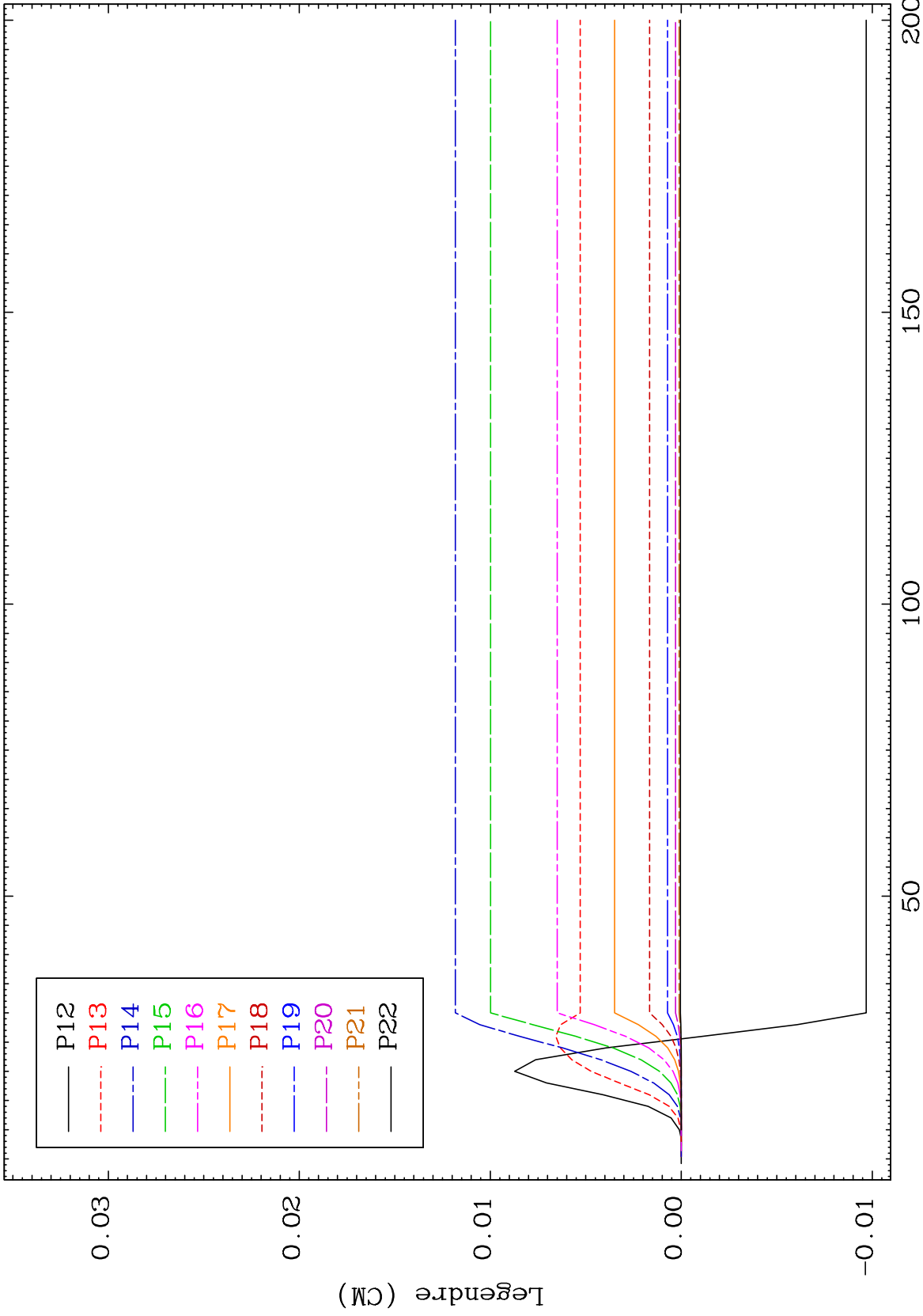
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

²⁶Fe-63



71

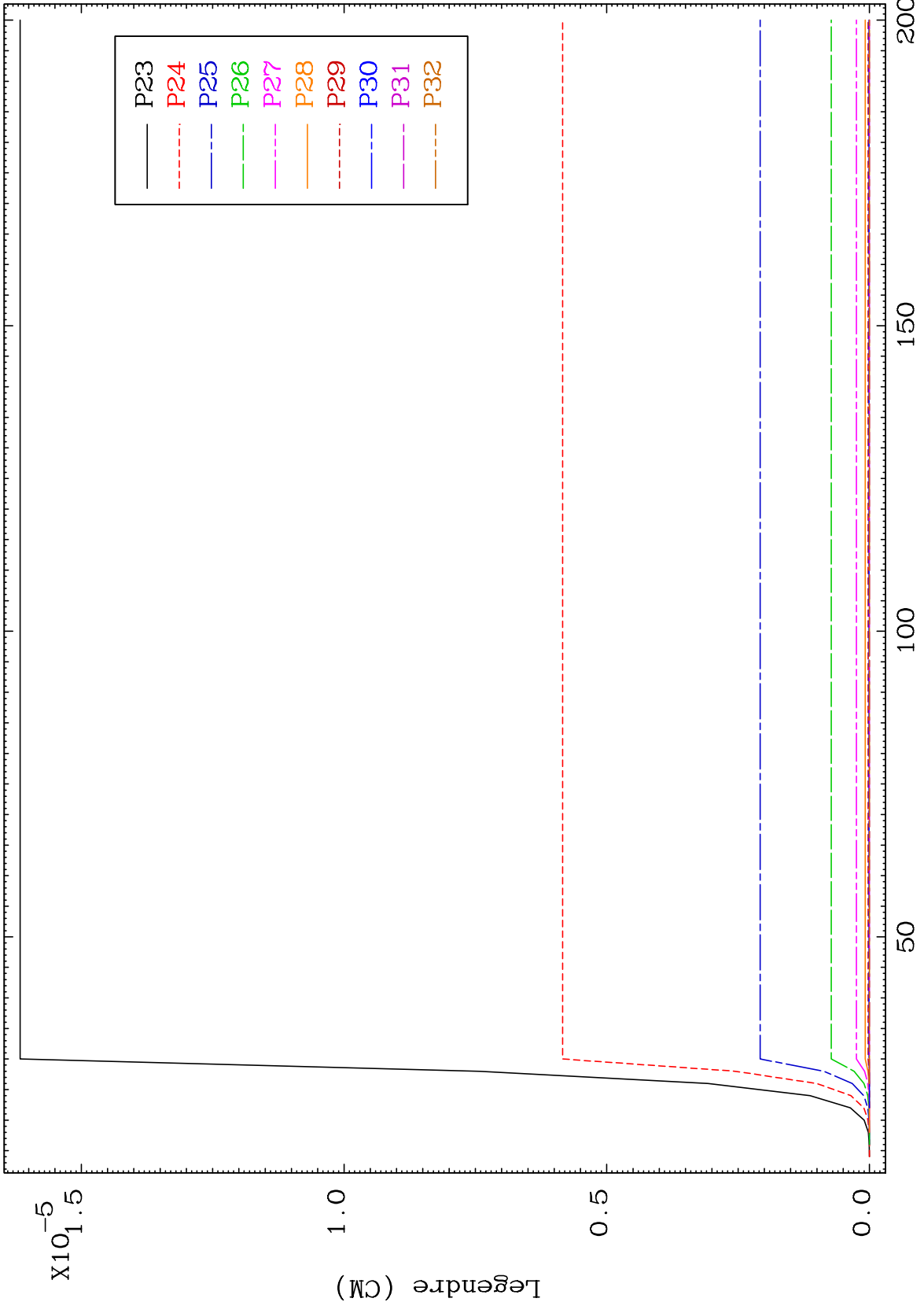
Incident Energy (MeV)

²⁶Fe-63

MAT 2652

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

26-Fe-63



72

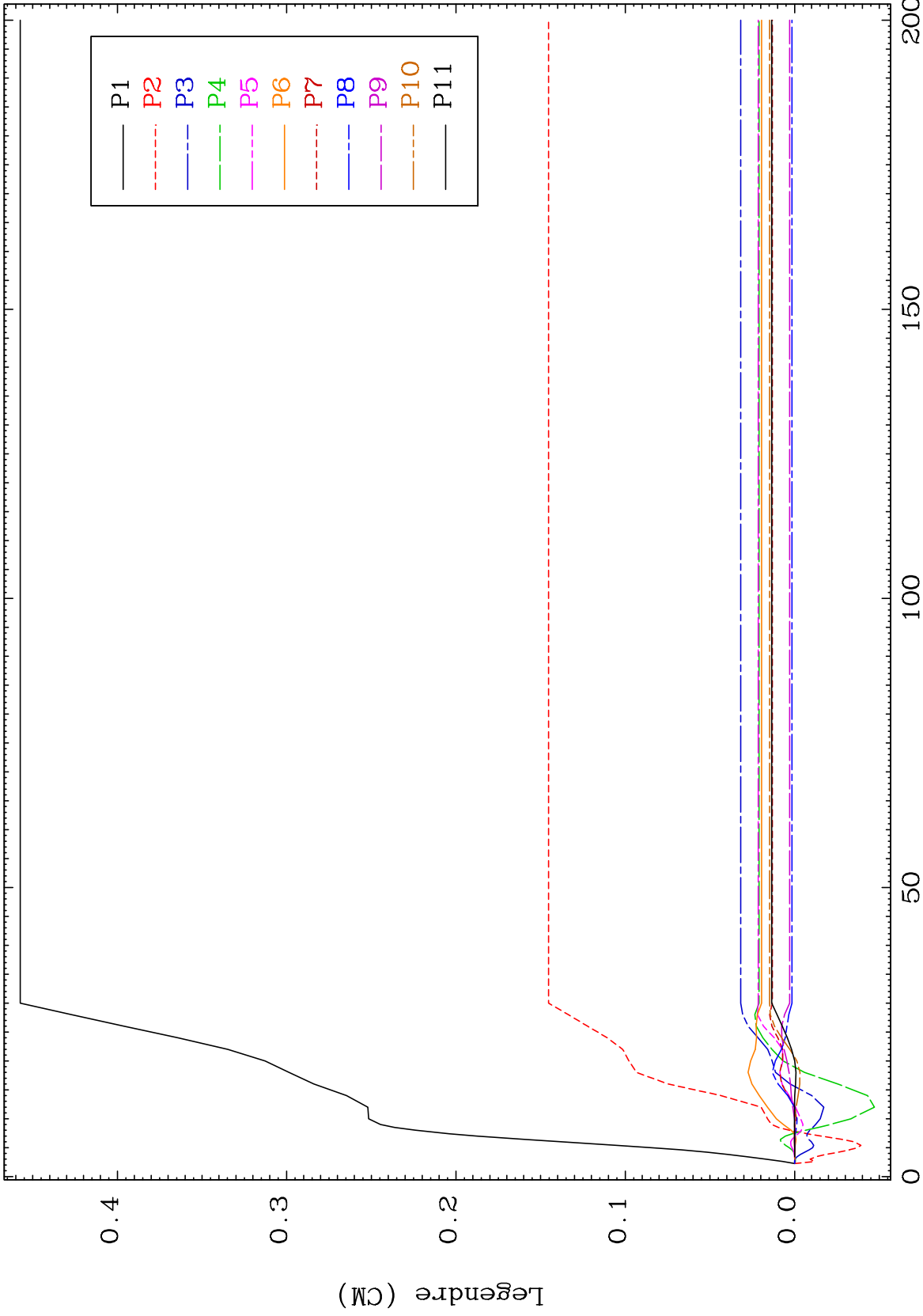
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



73

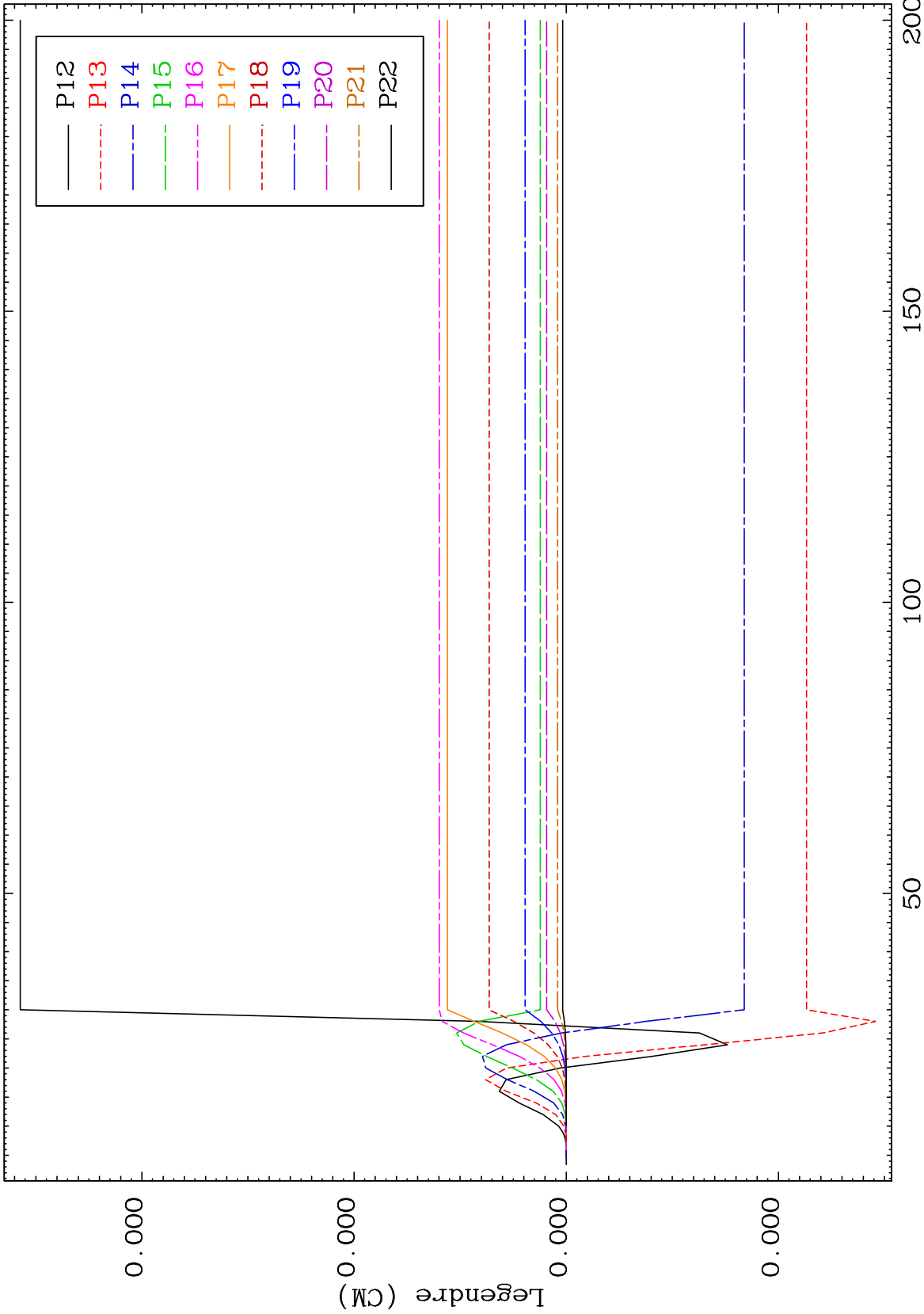
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



74

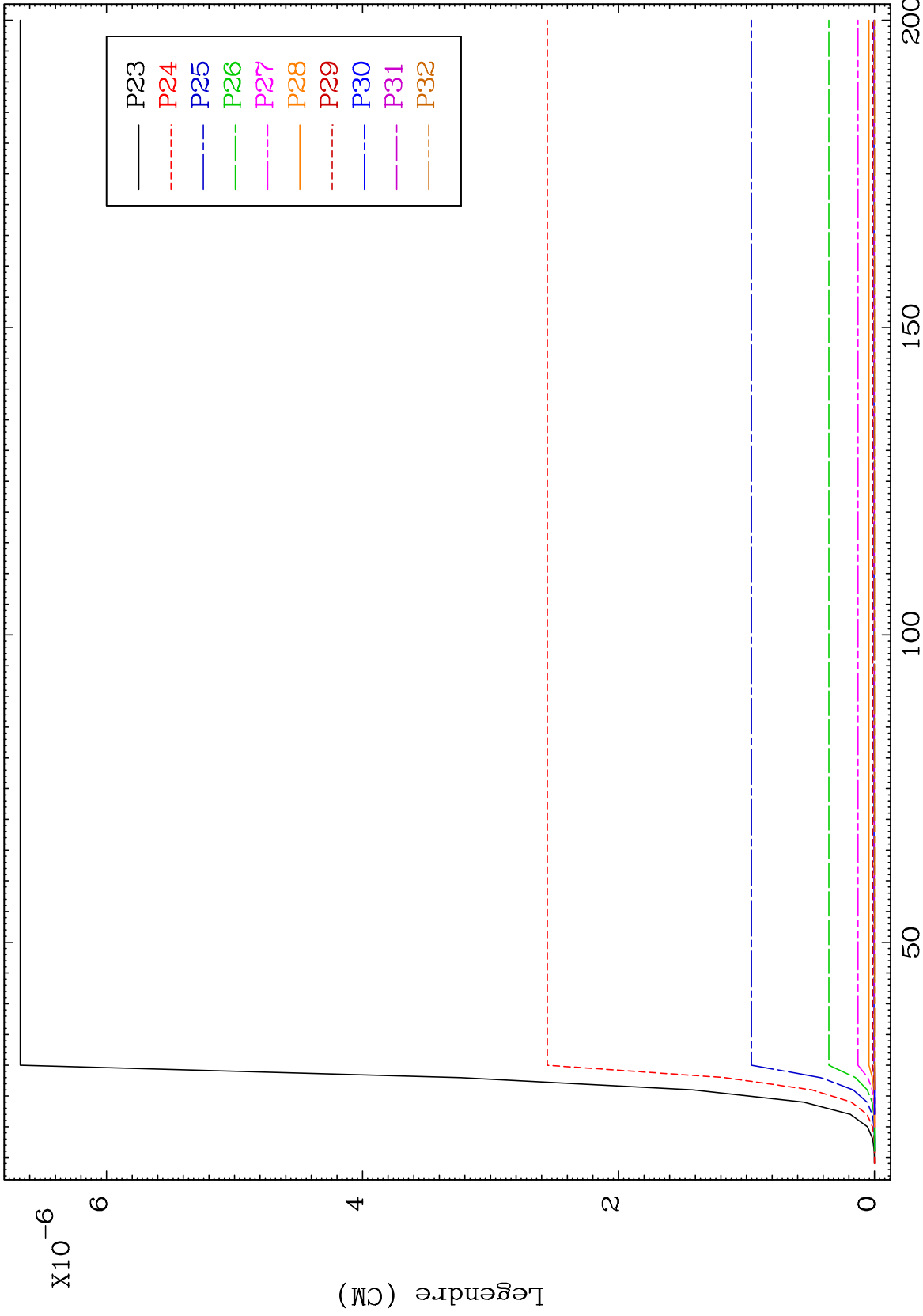
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63

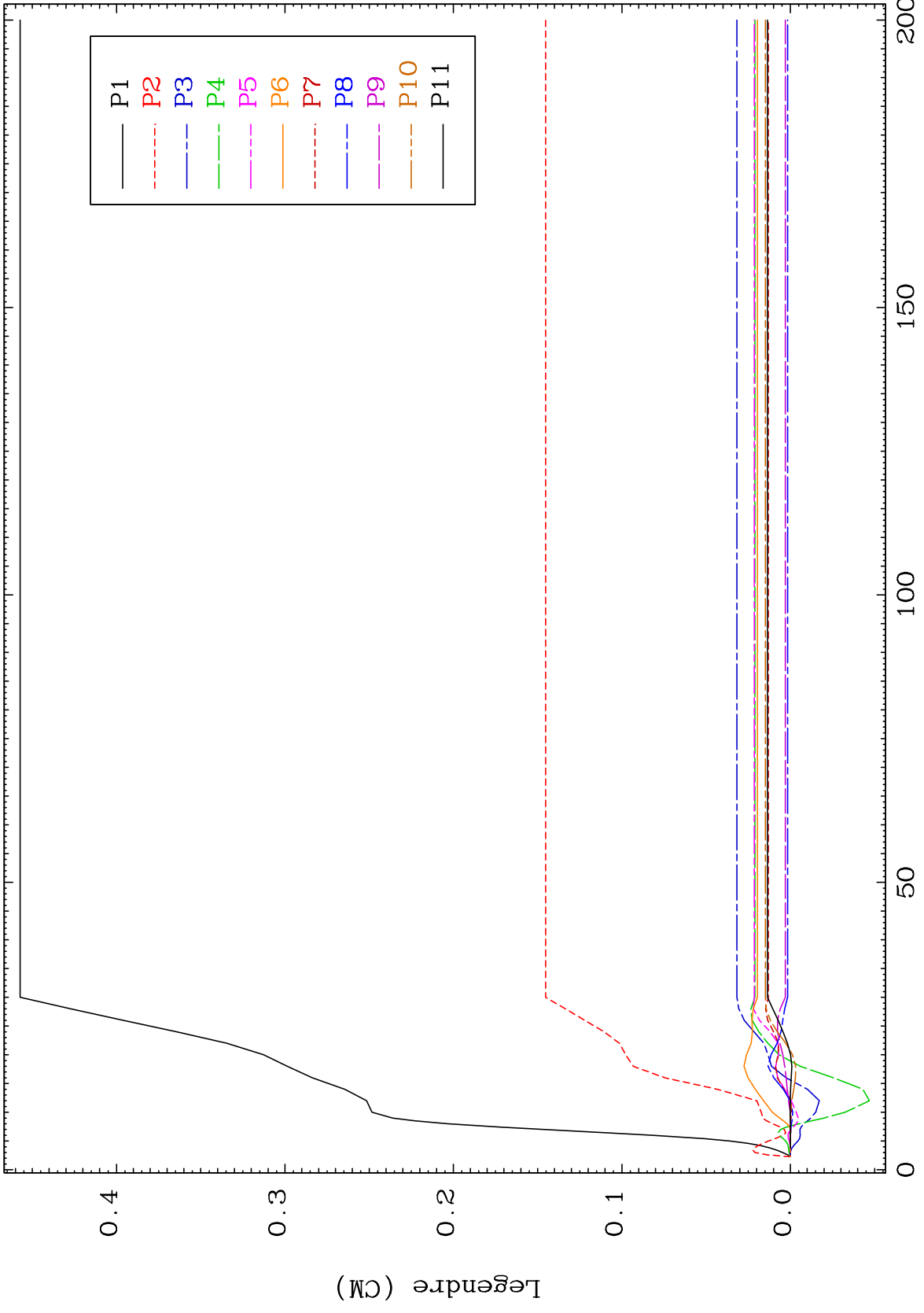


75

Incident Energy (MeV)

26-Fe-63

MAT 2652 MT= 70 (n,n') Level Legendre Coefficients 26-Fe-63

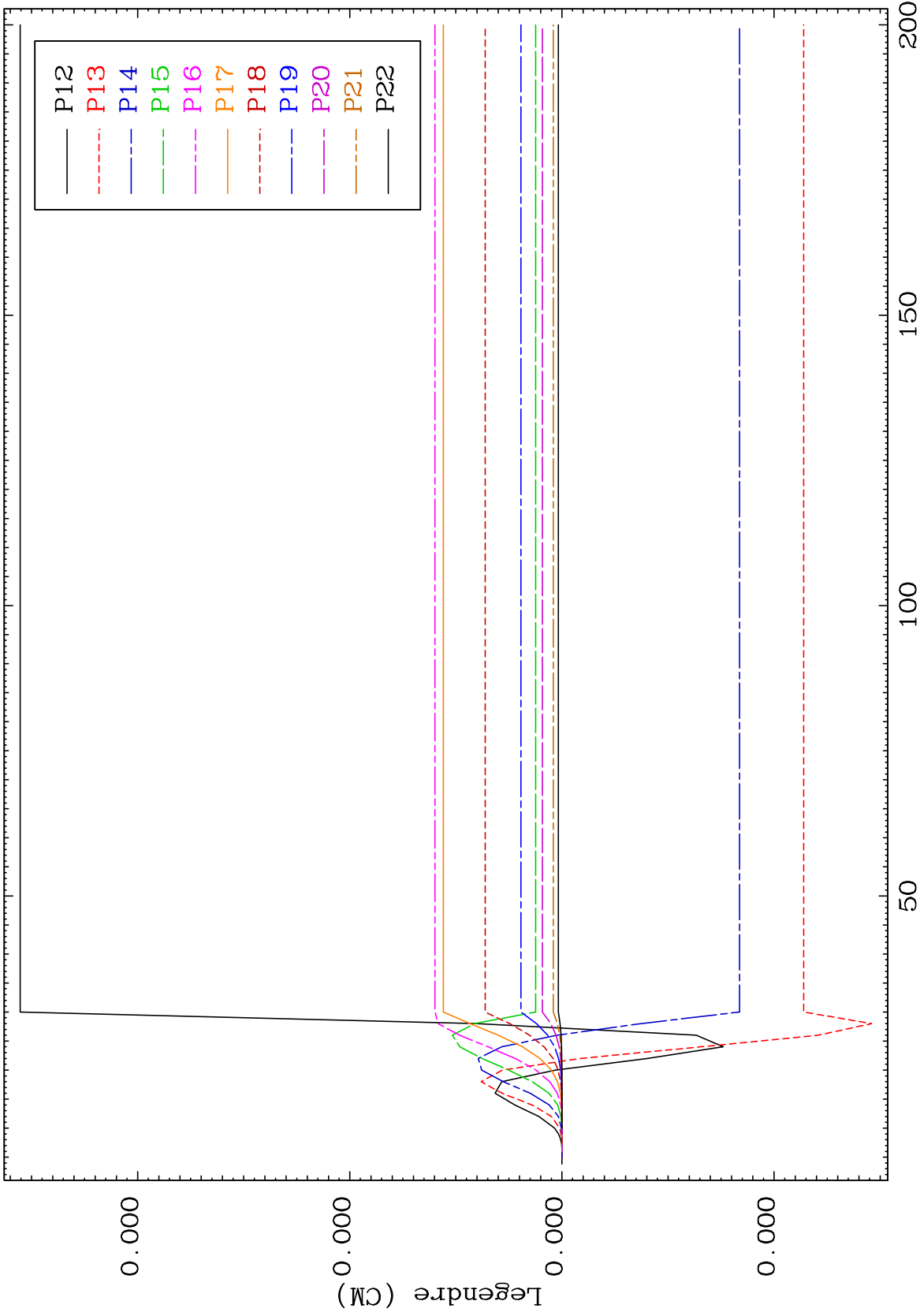


76 Incident Energy (MeV) 26-Fe-63

MAT 2652

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

26-Fe-63



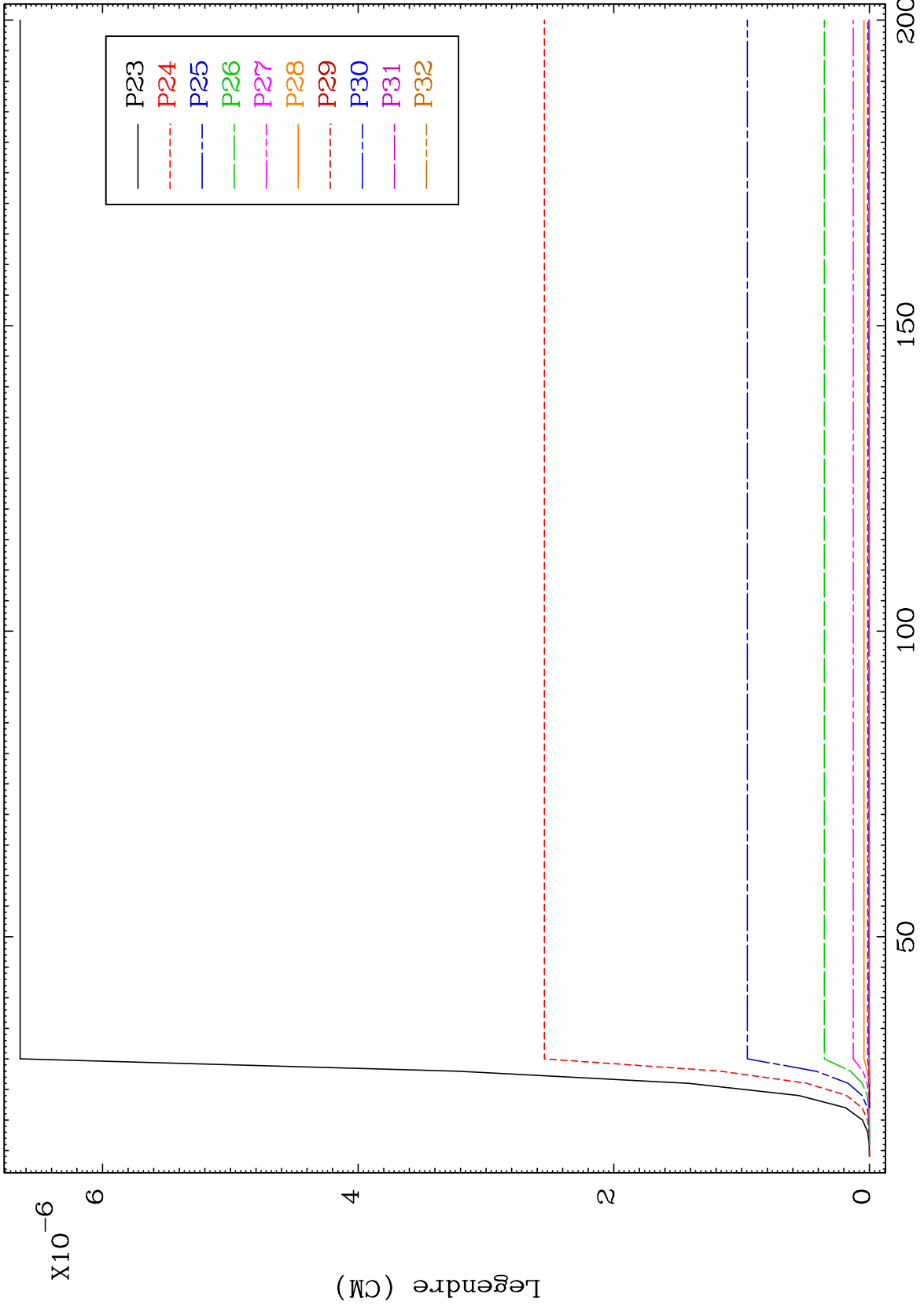
77

26-Fe-63

MAT 2652

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

26-Fe-63



78

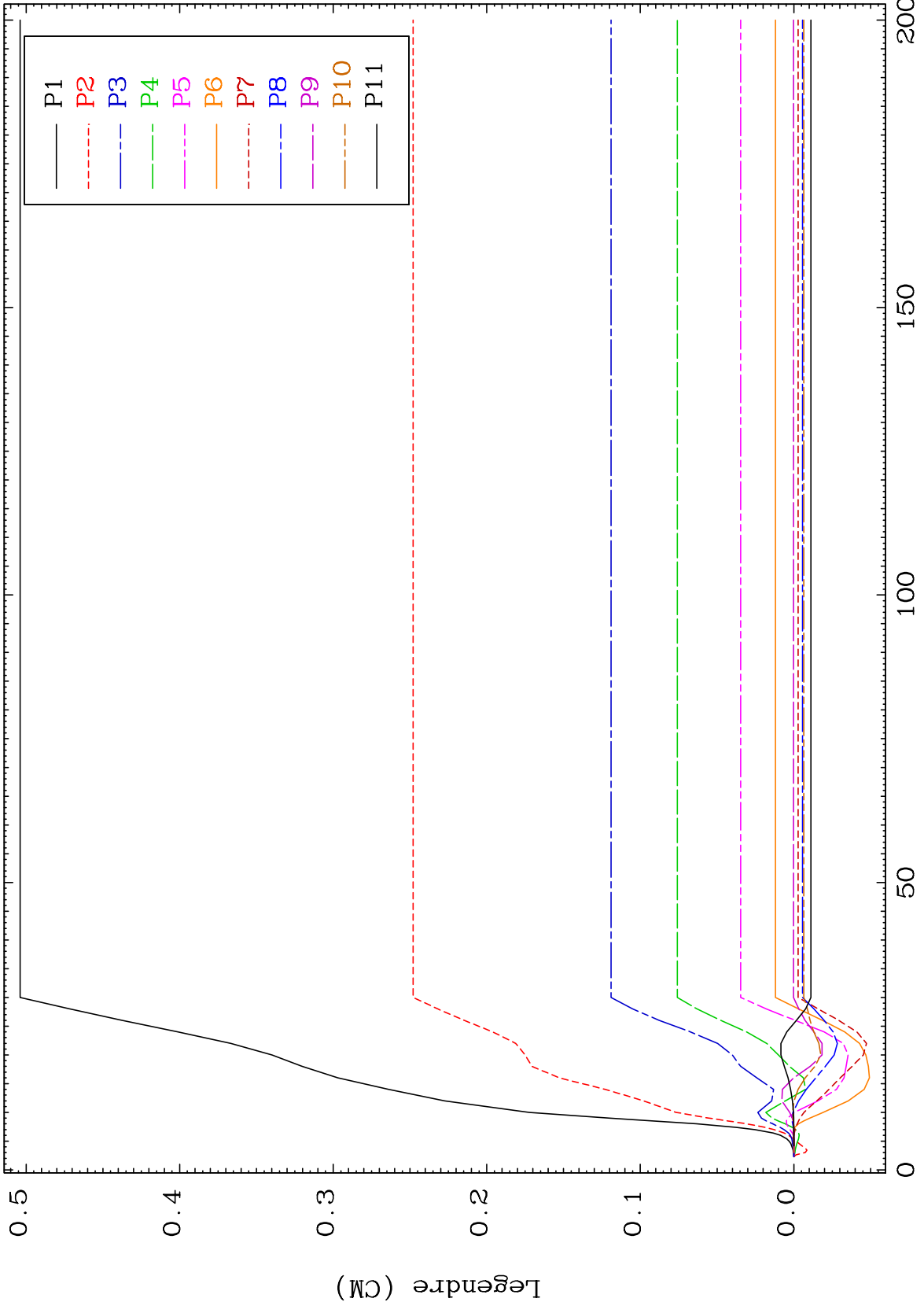
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



79

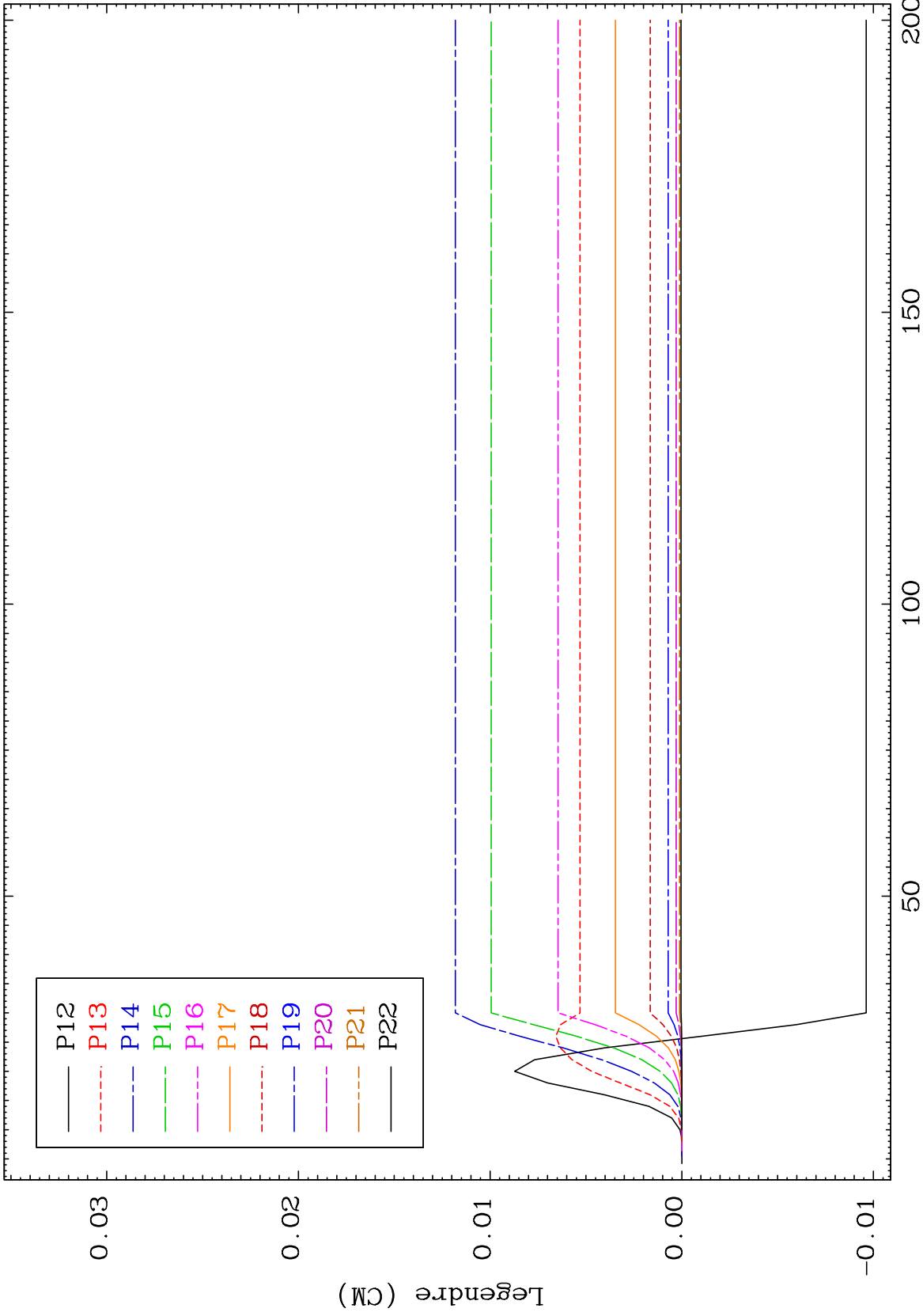
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

²⁶Fe-63



80

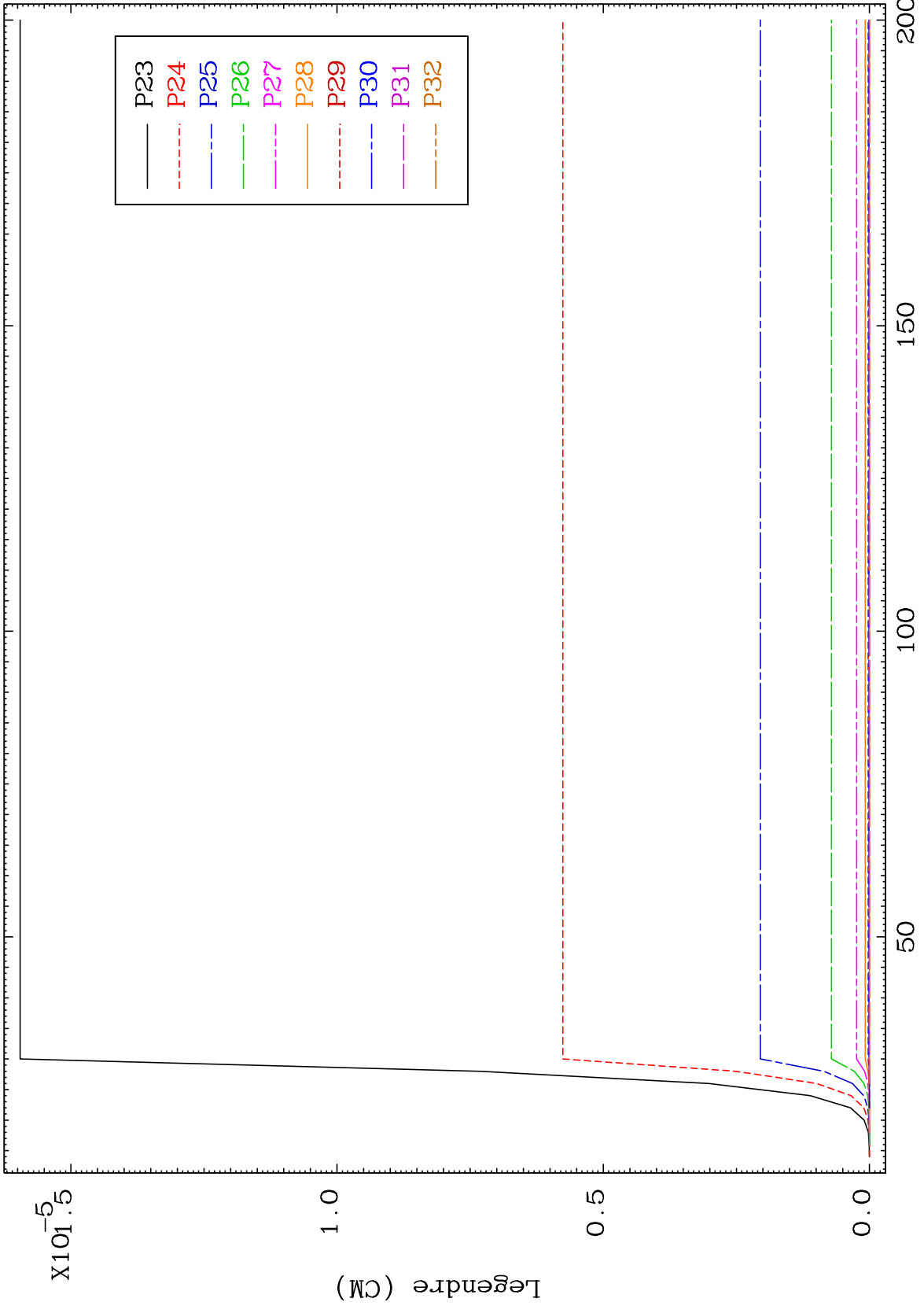
Incident Energy (MeV)

²⁶Fe-63

MAT 2652

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

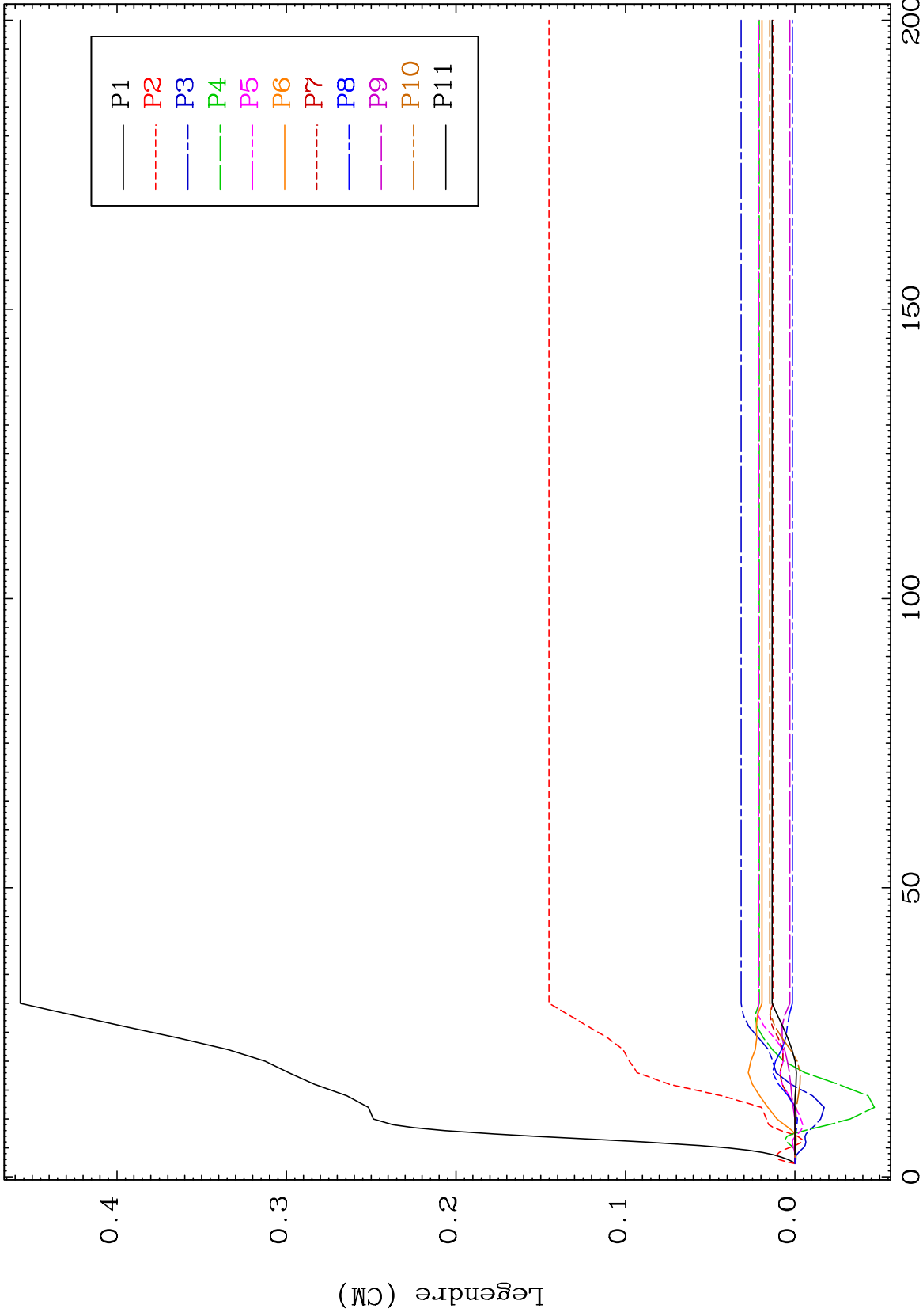
26-Fe-63



MAT 2652

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

26-Fe-63



82

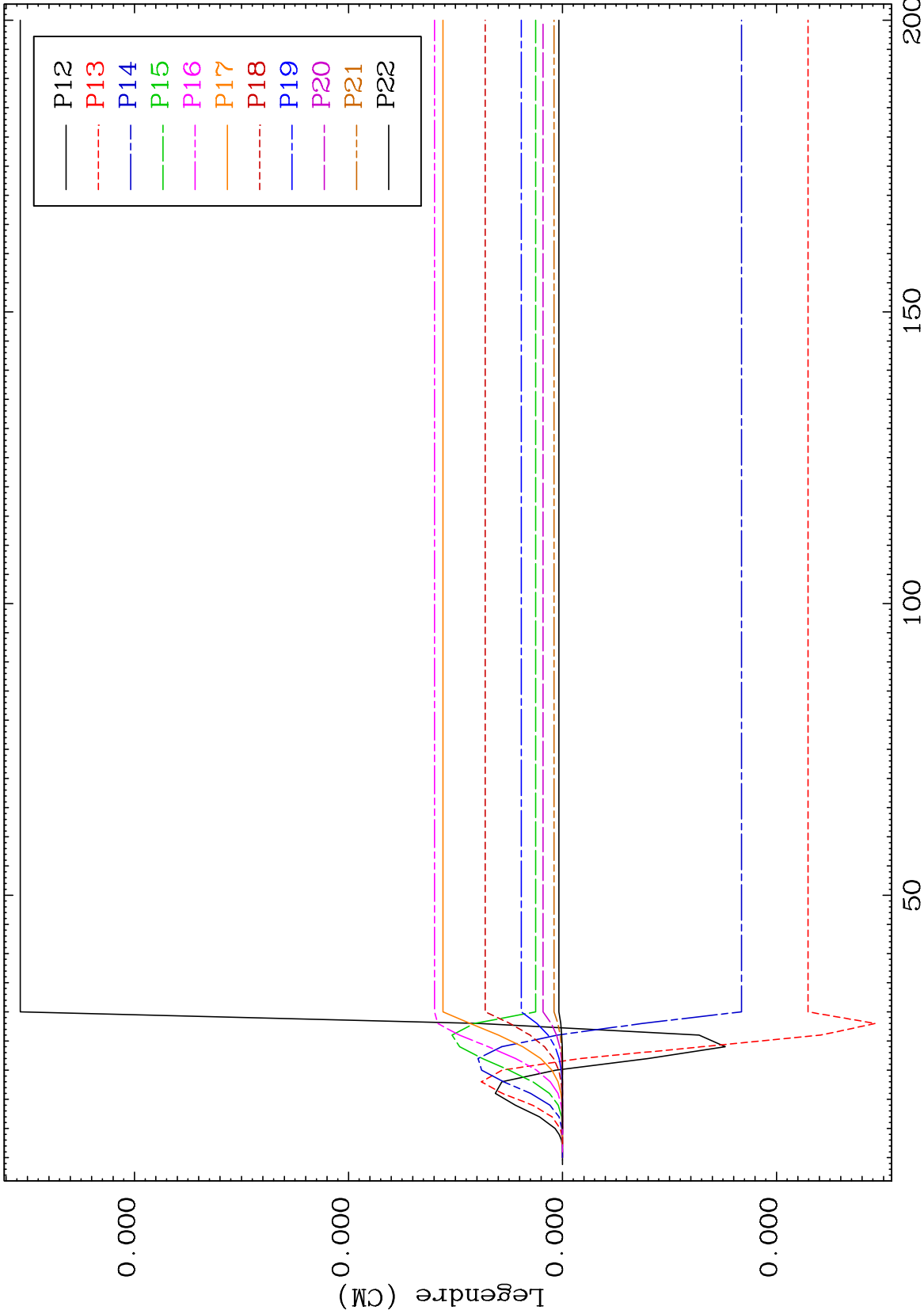
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

²⁶Fe-63



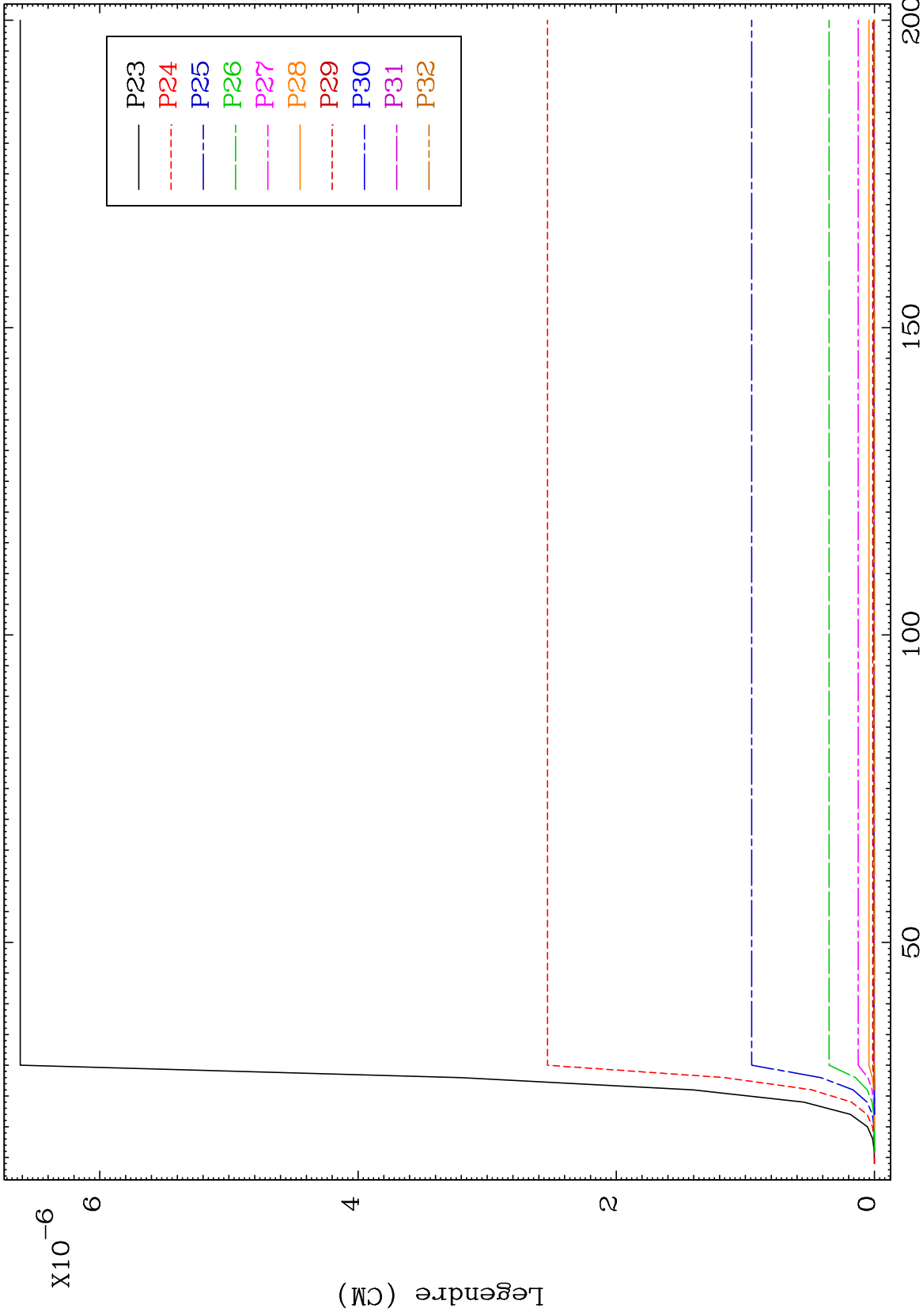
83

²⁶Fe-63

MAT 2652

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

26-Fe-63



84

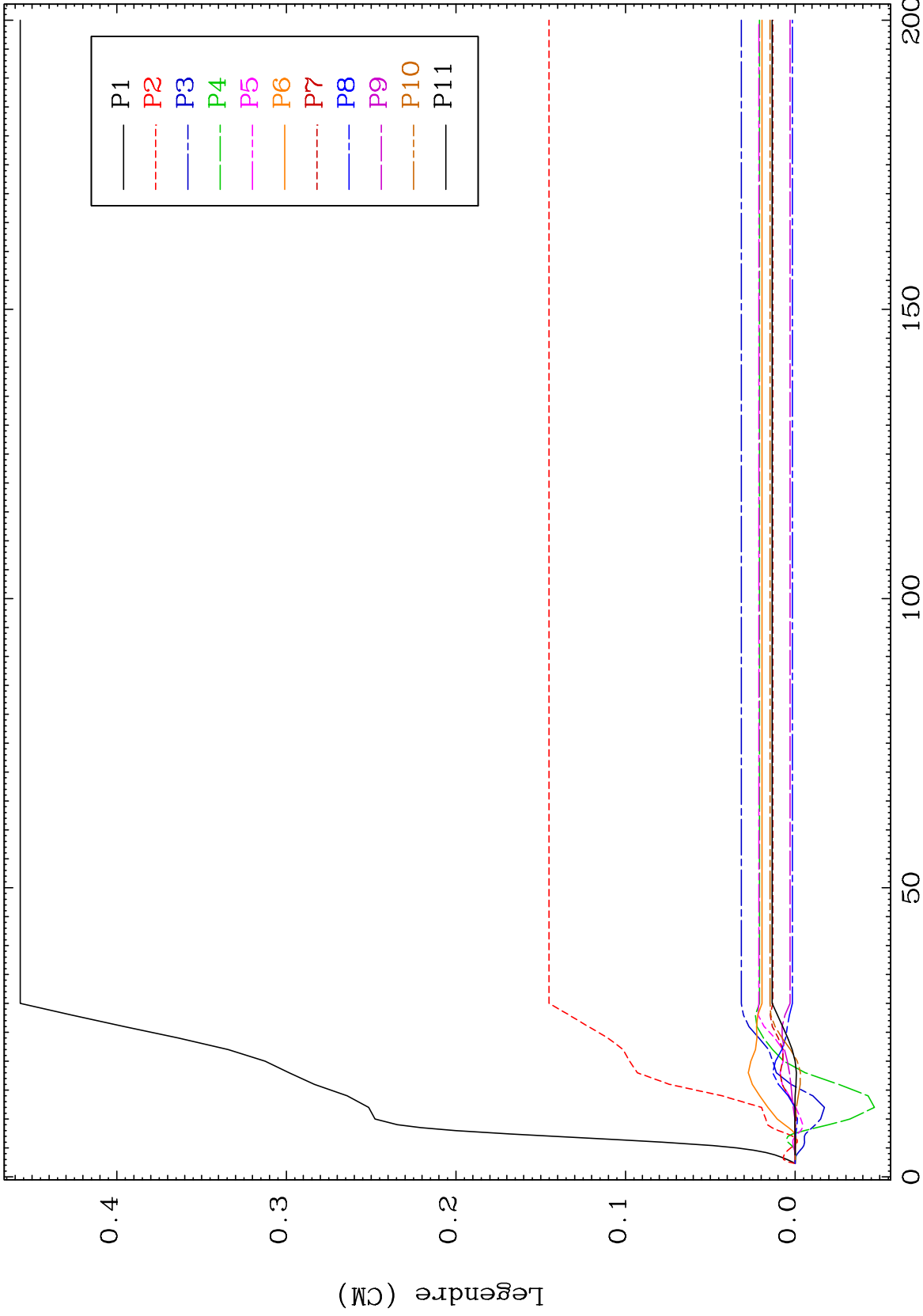
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



85

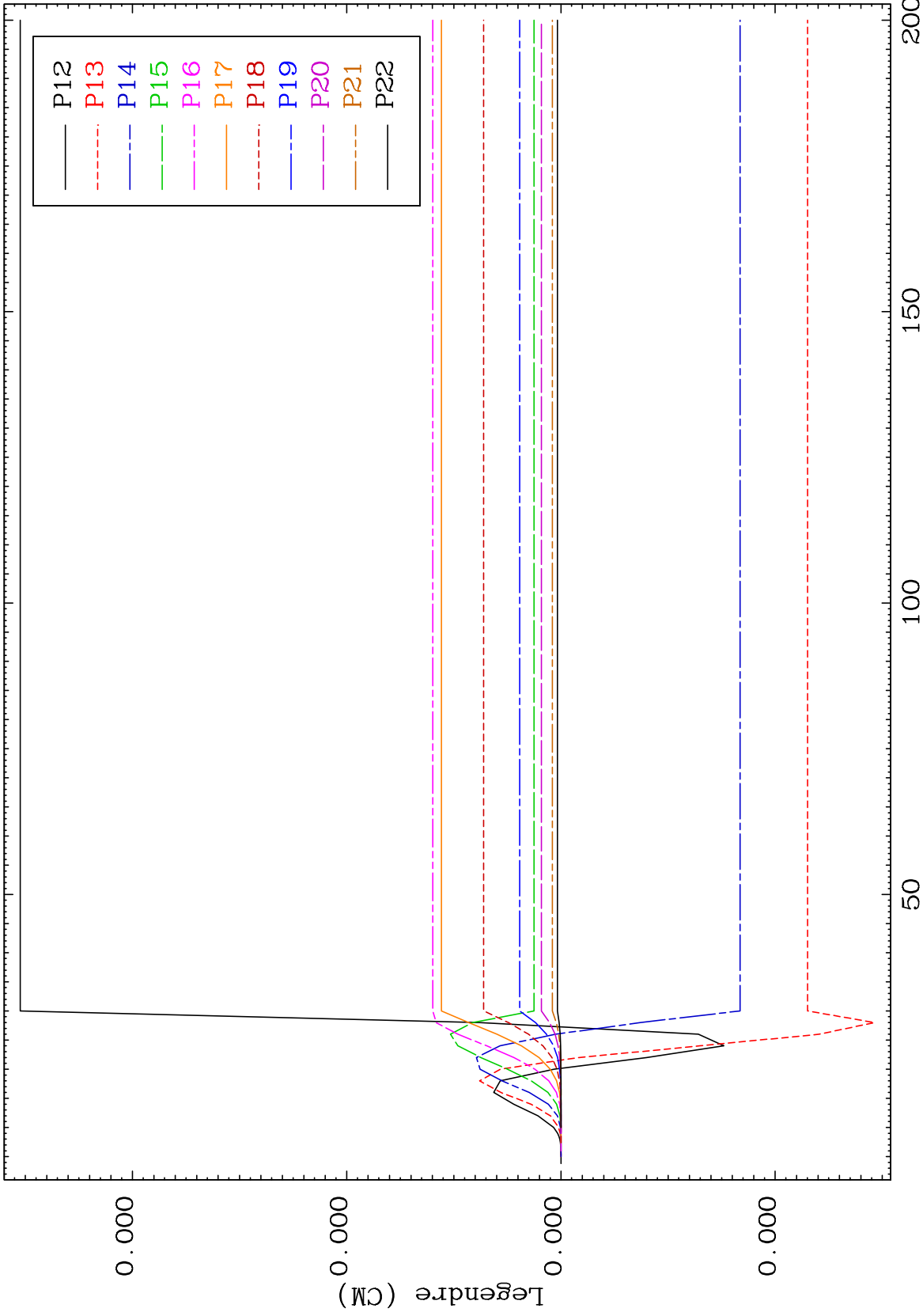
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



86

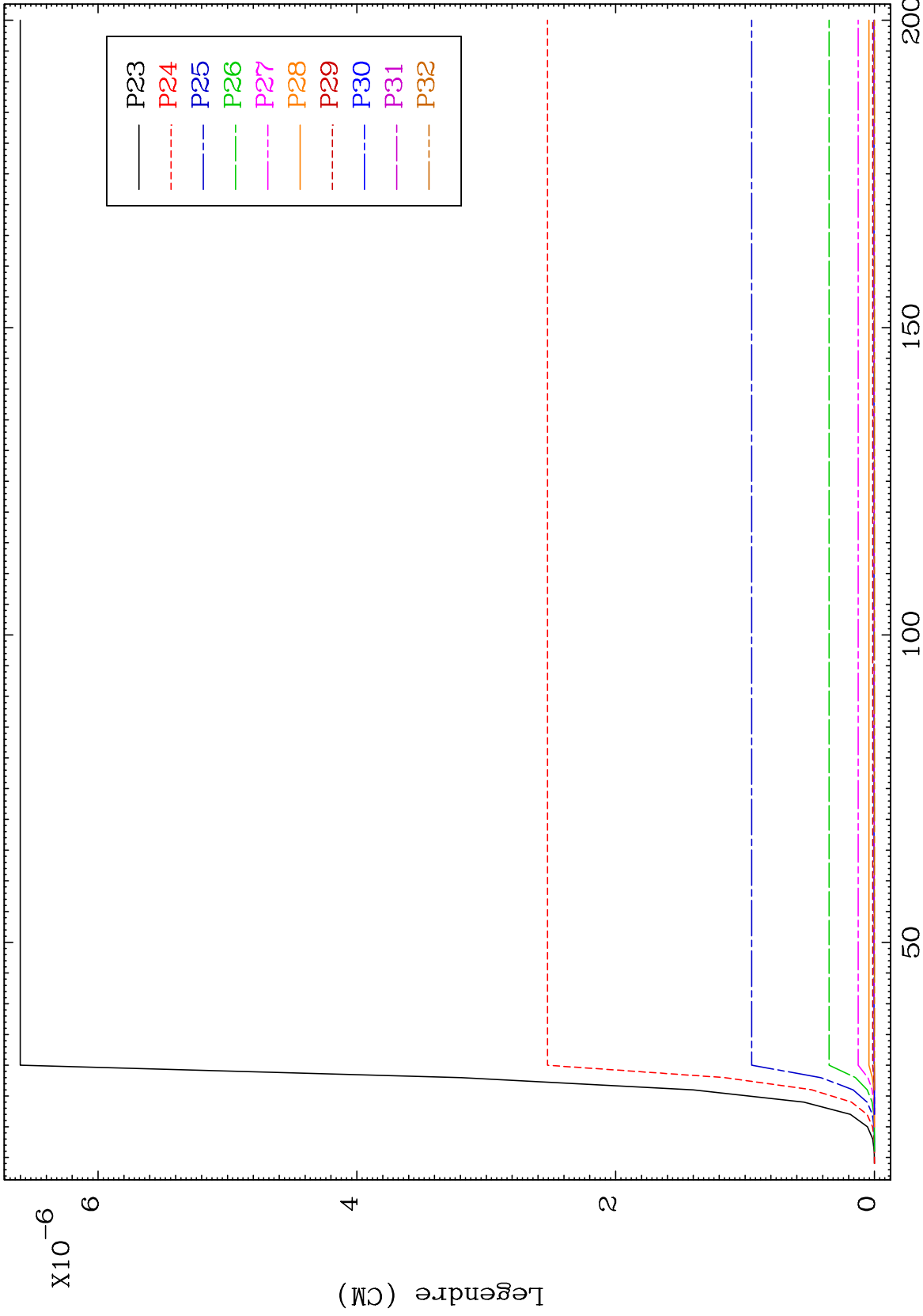
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



87

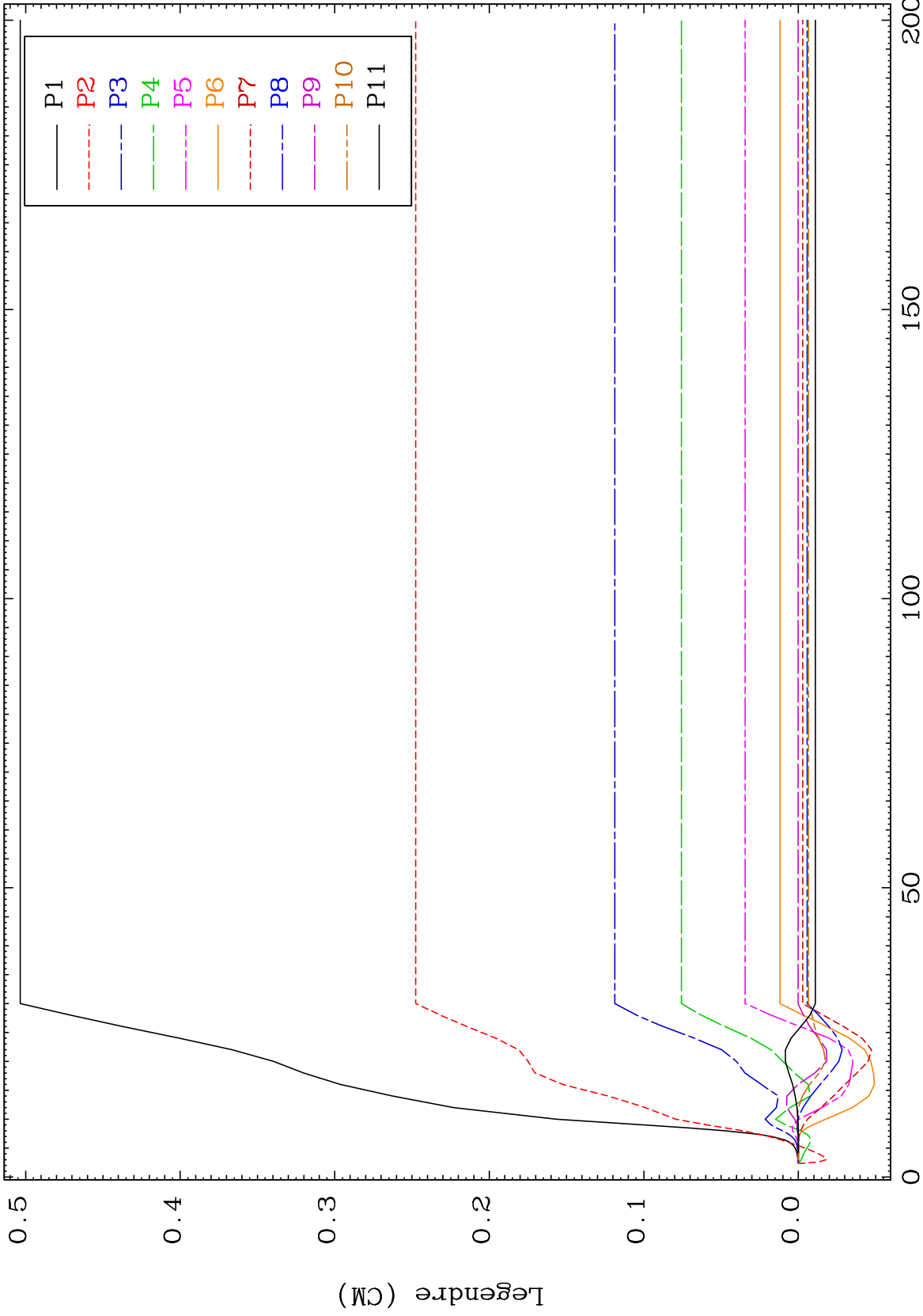
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



88

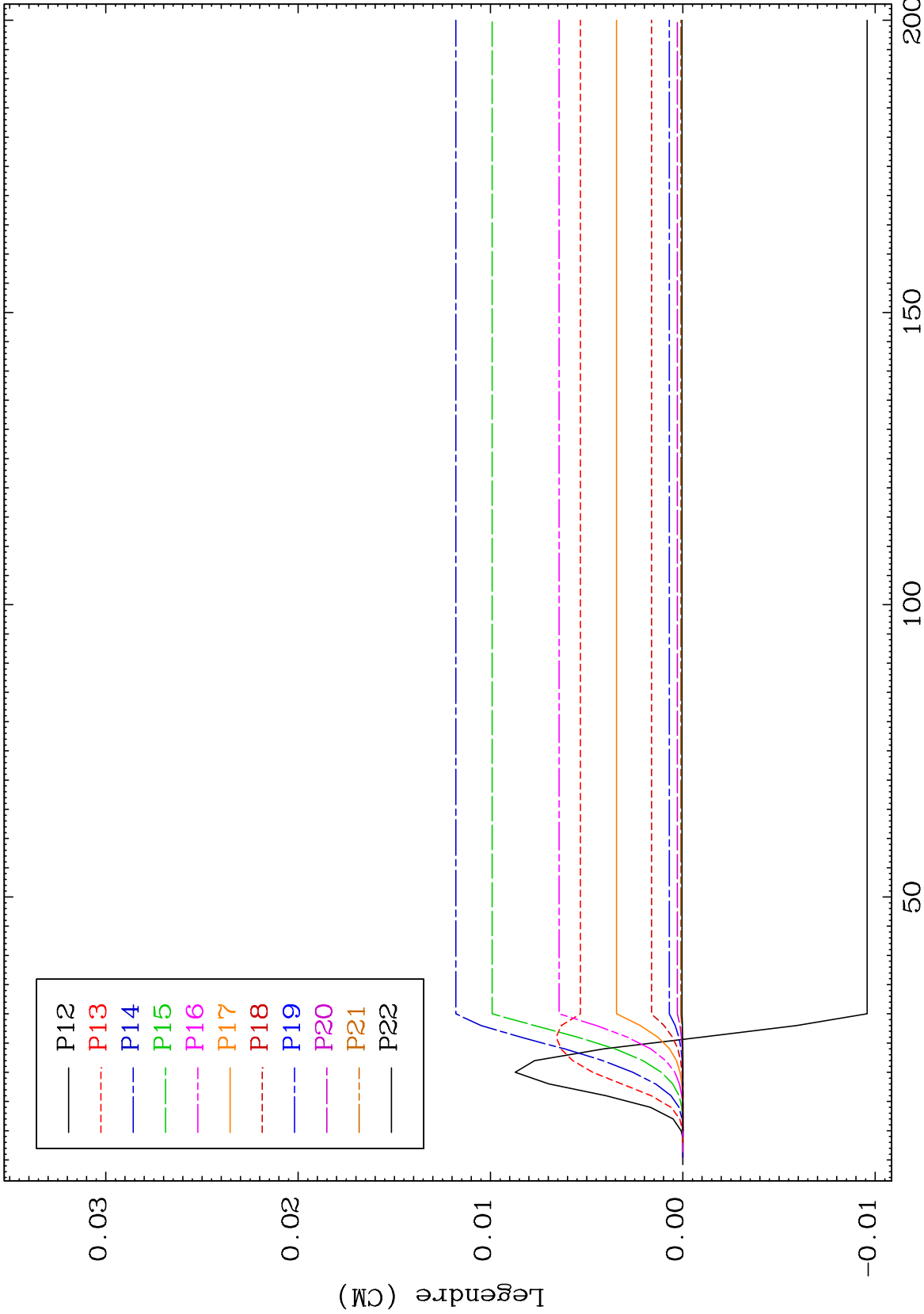
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

²⁶Fe-63



89

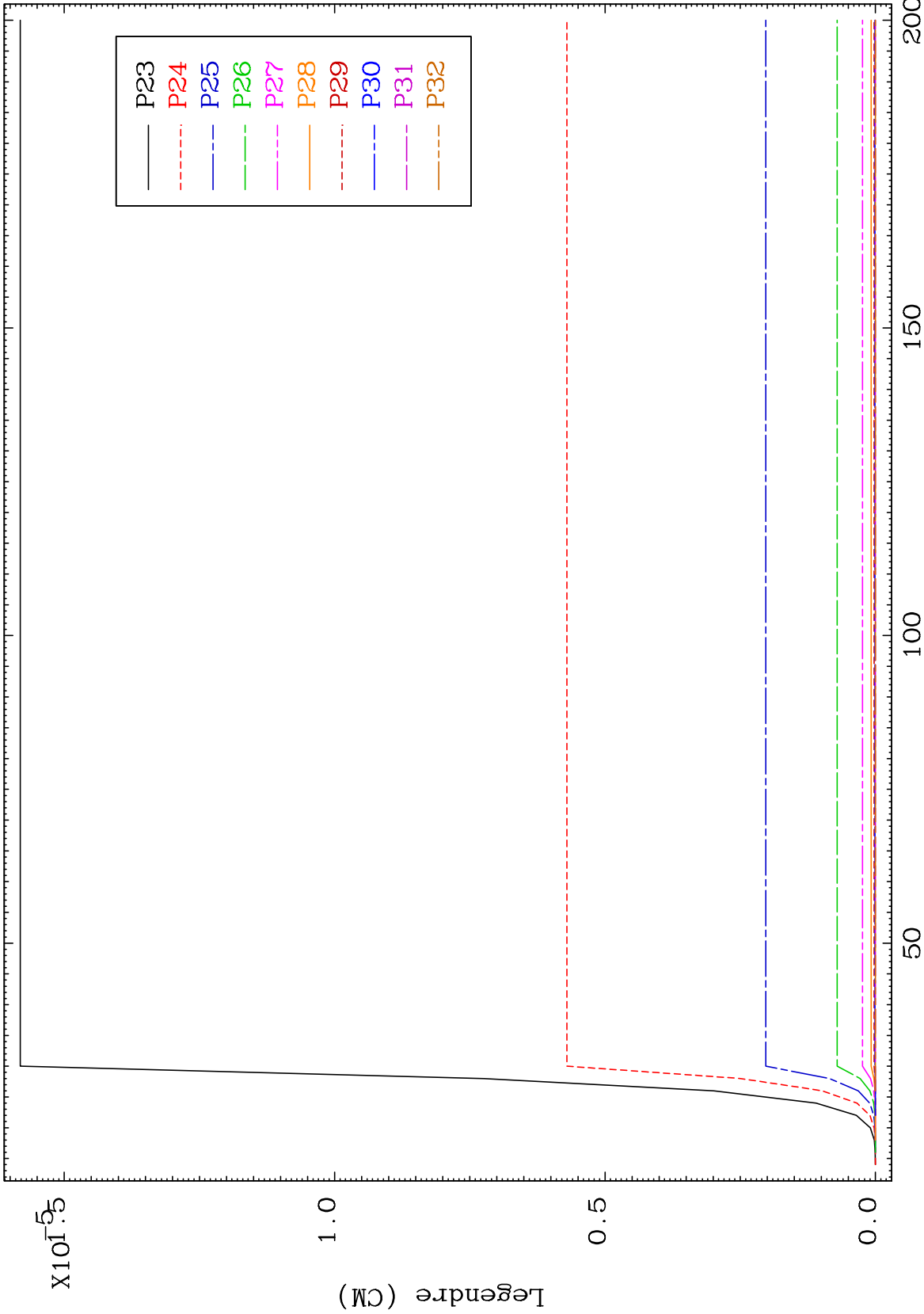
Incident Energy (MeV)

²⁶Fe-63

MAT 2652

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

26-Fe-63

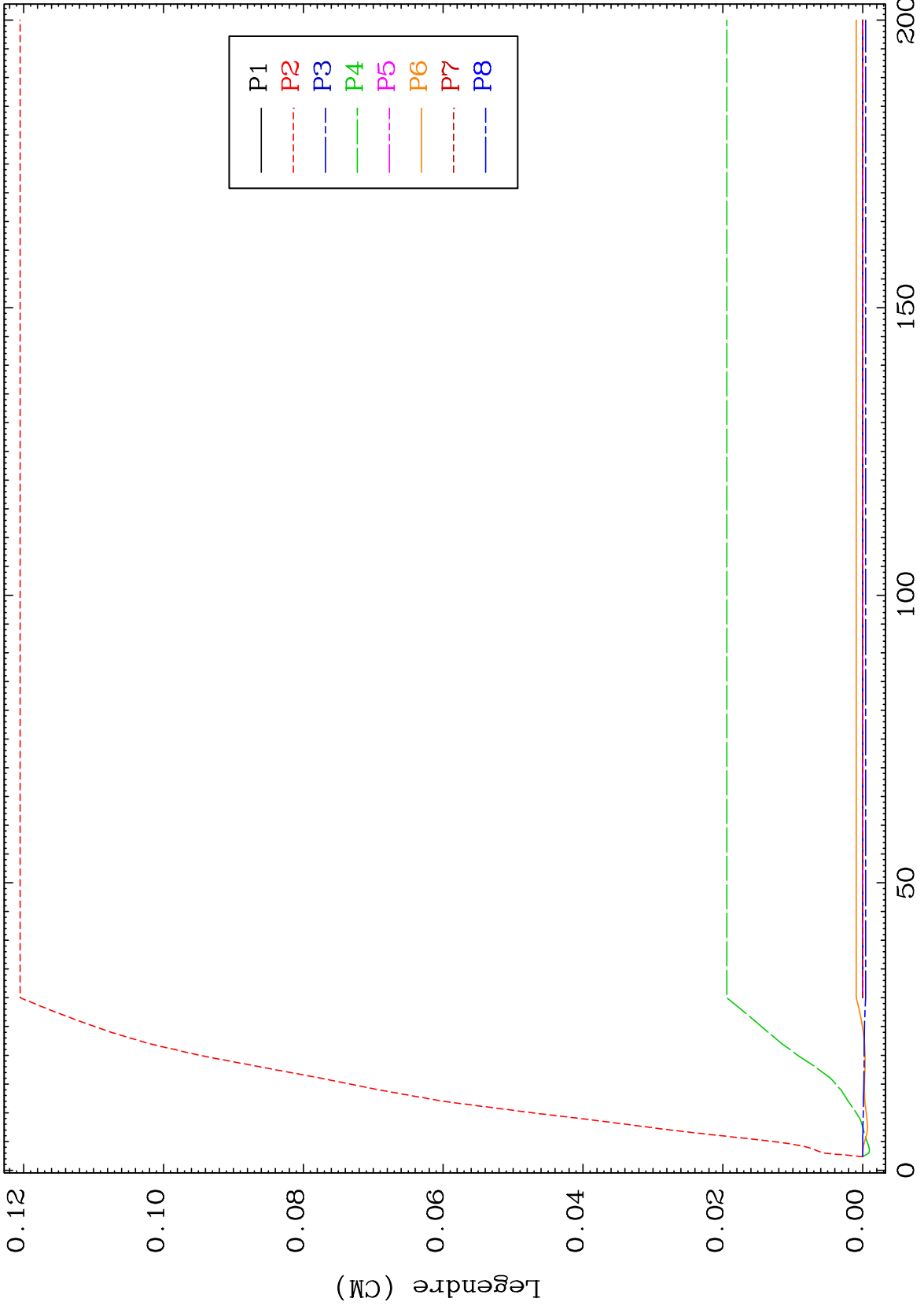


90

Incident Energy (MeV)

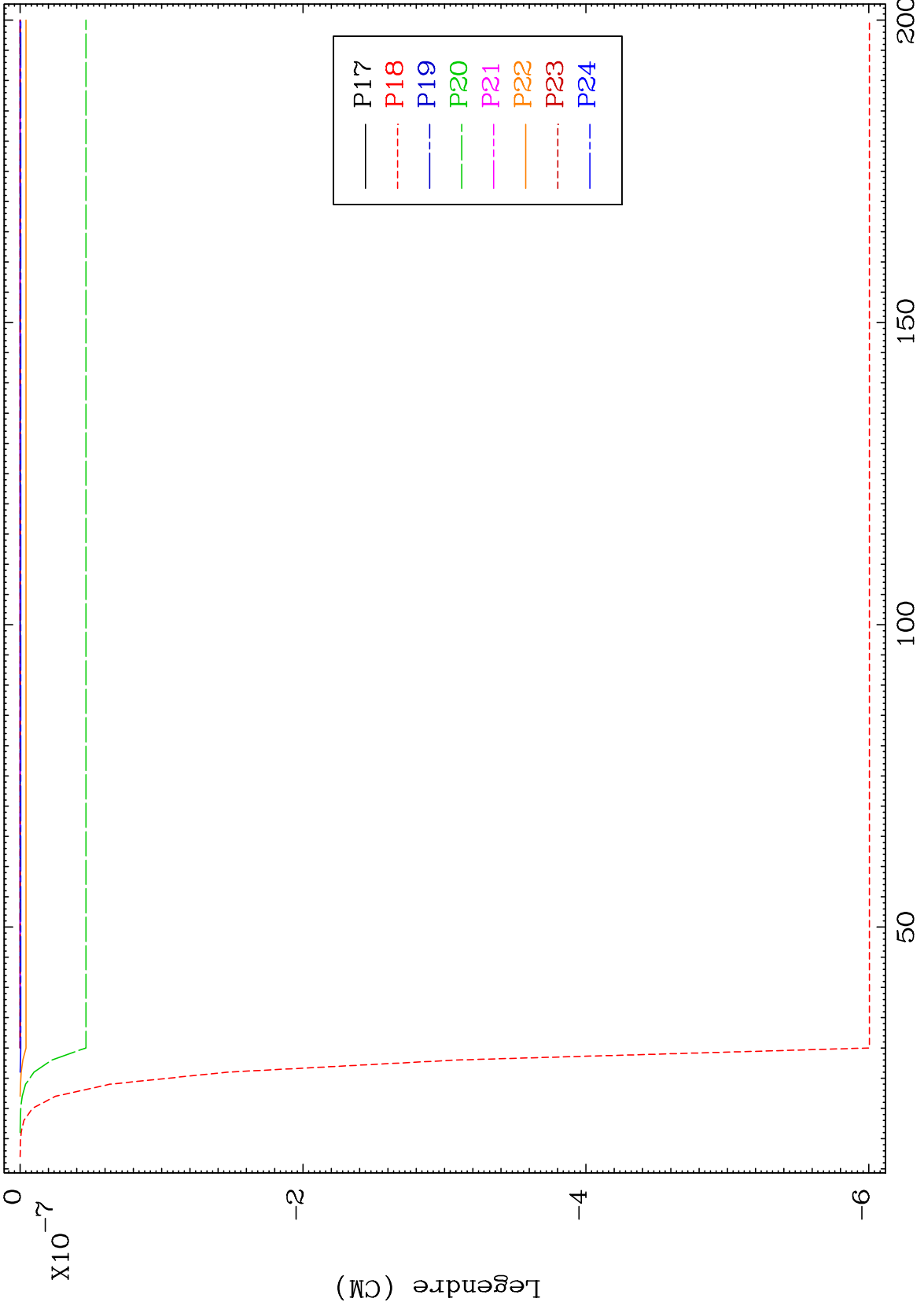
26-Fe-63

MAT 2652 MT= 75 (n,n') Level Legendre Coefficients 26-Fe-63

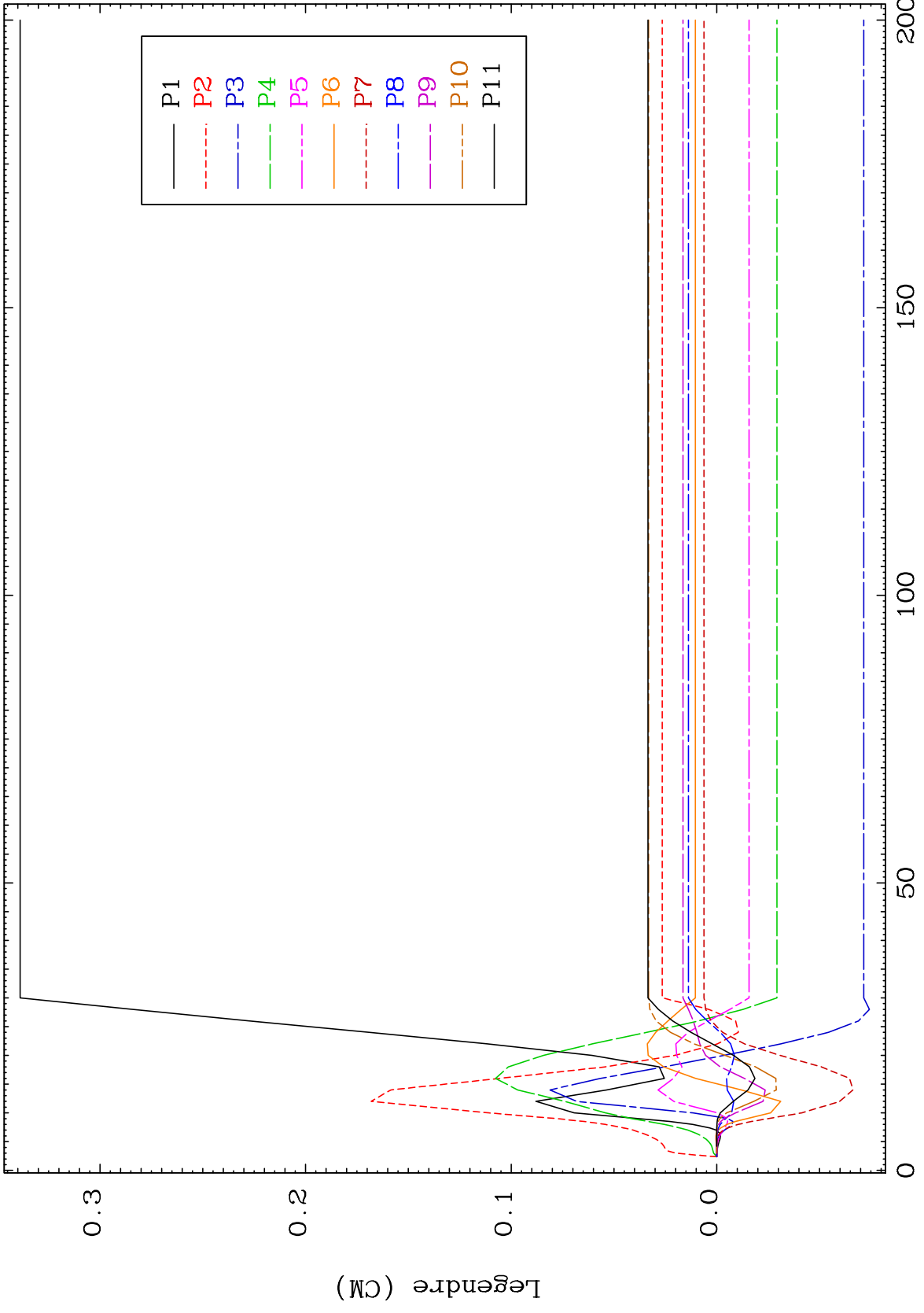


91 26-Fe-63

MAT 2652 MT= 75 (n,n') Level Legendre Coefficients 26-Fe-63



MAT 2652 MT= 76 (n,n') Level Legendre Coefficients 26-Fe-63

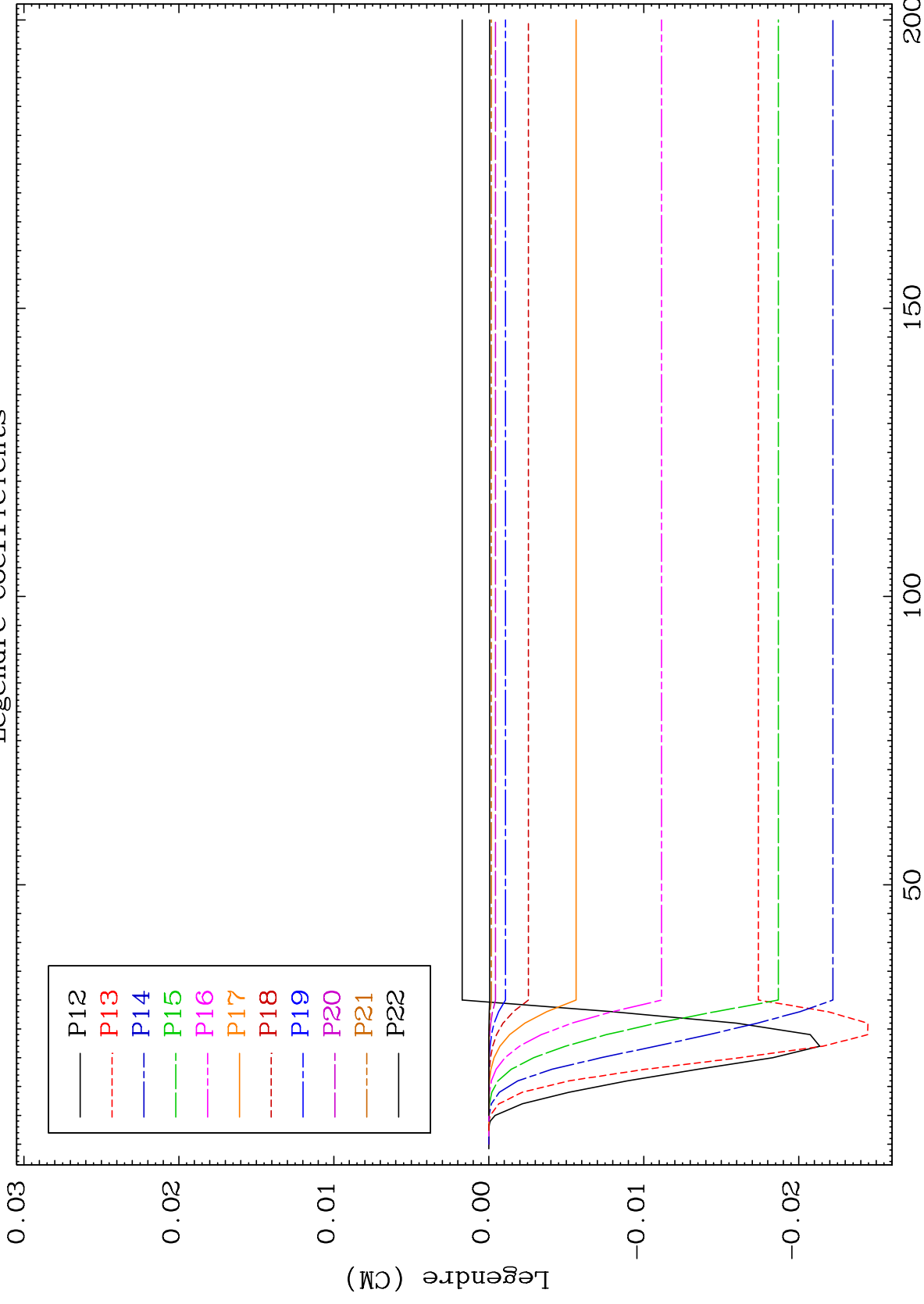


94 Incident Energy (MeV) 26-Fe-63

MAT 2652

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

26-Fe-63

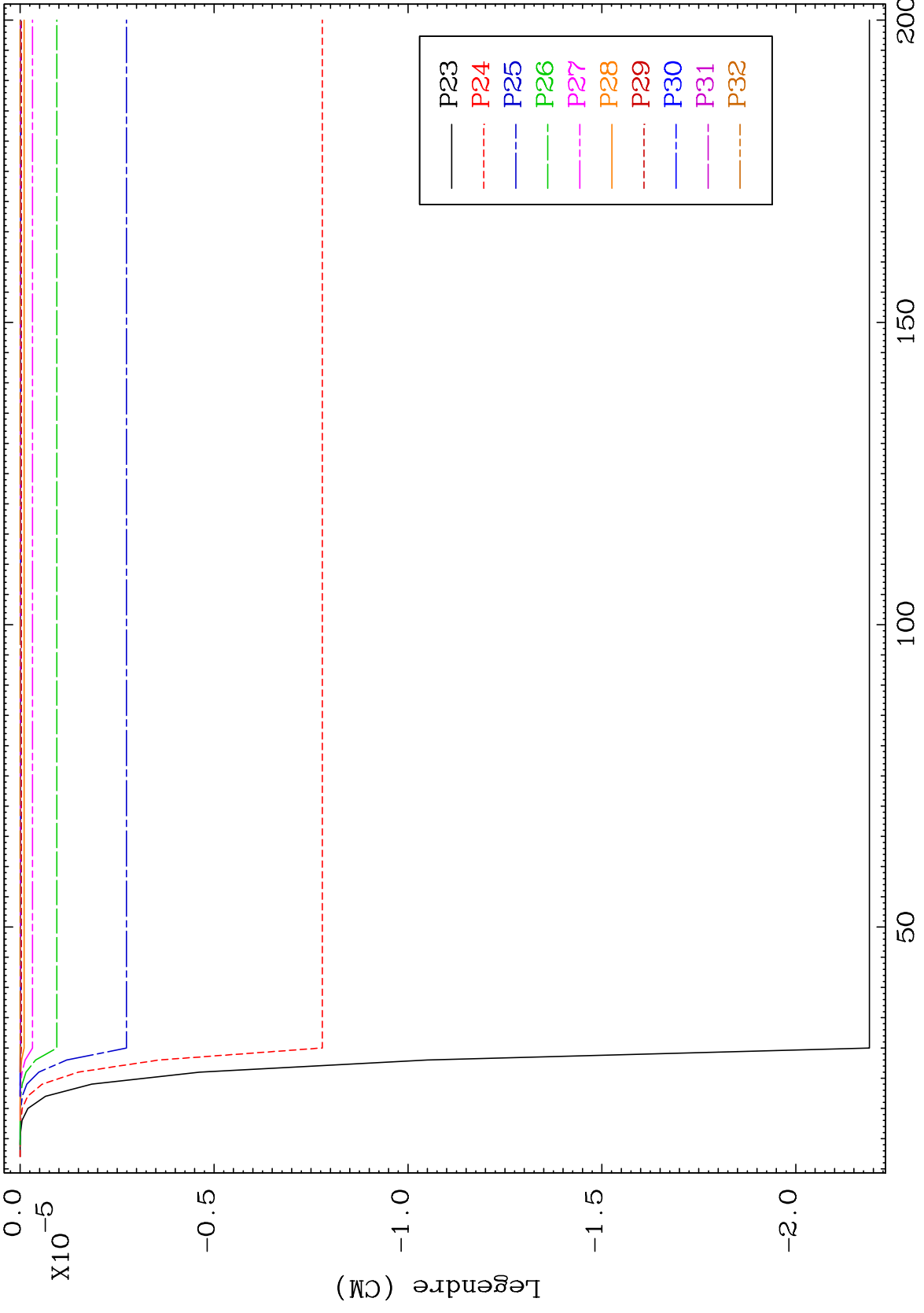


95

Incident Energy (MeV)

26-Fe-63

MAT 2652 MT= 76 (n,n') Level Legendre Coefficients 26-Fe-63

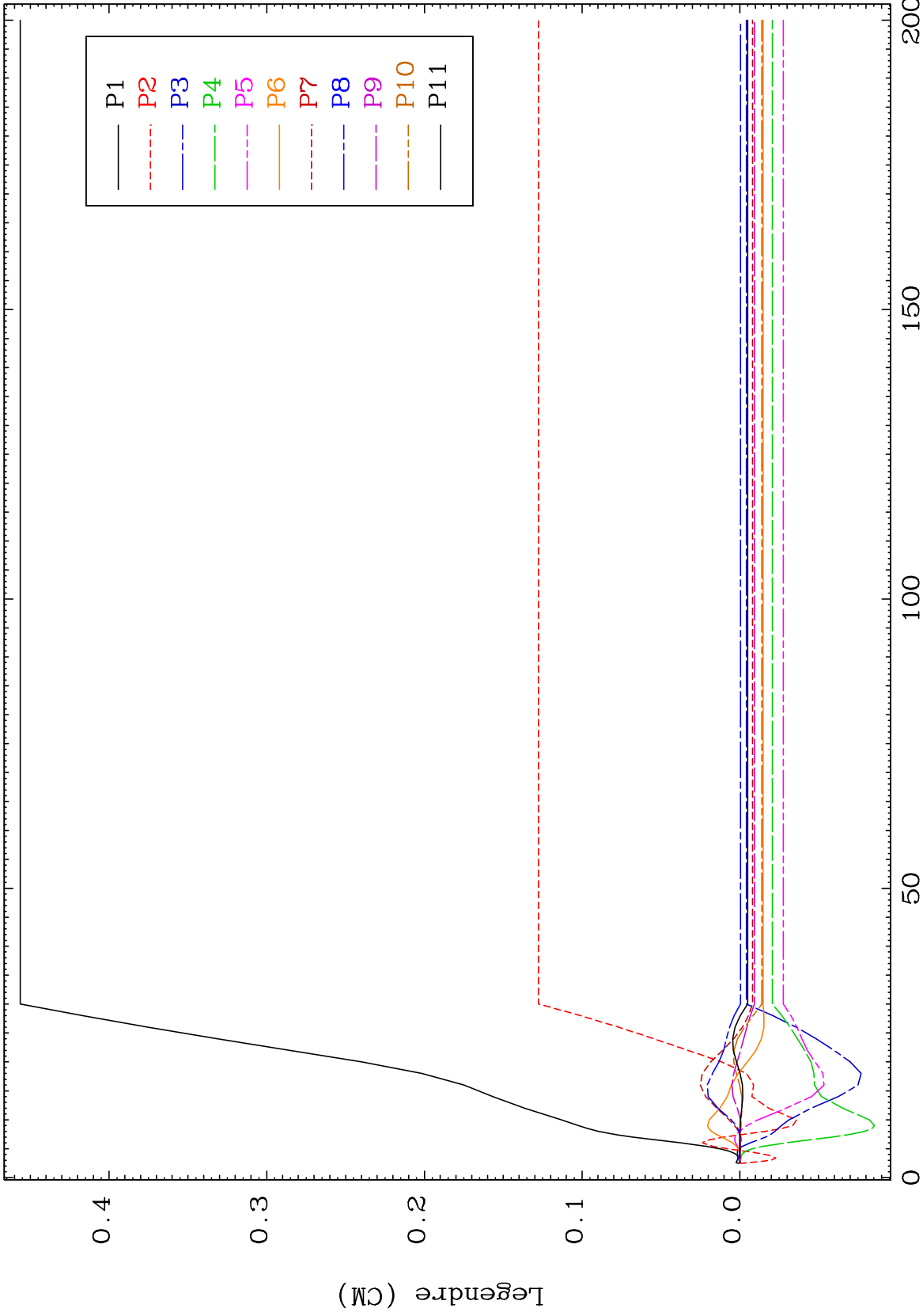


96 26-Fe-63

MAT 2652

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

26-Fe-63



97

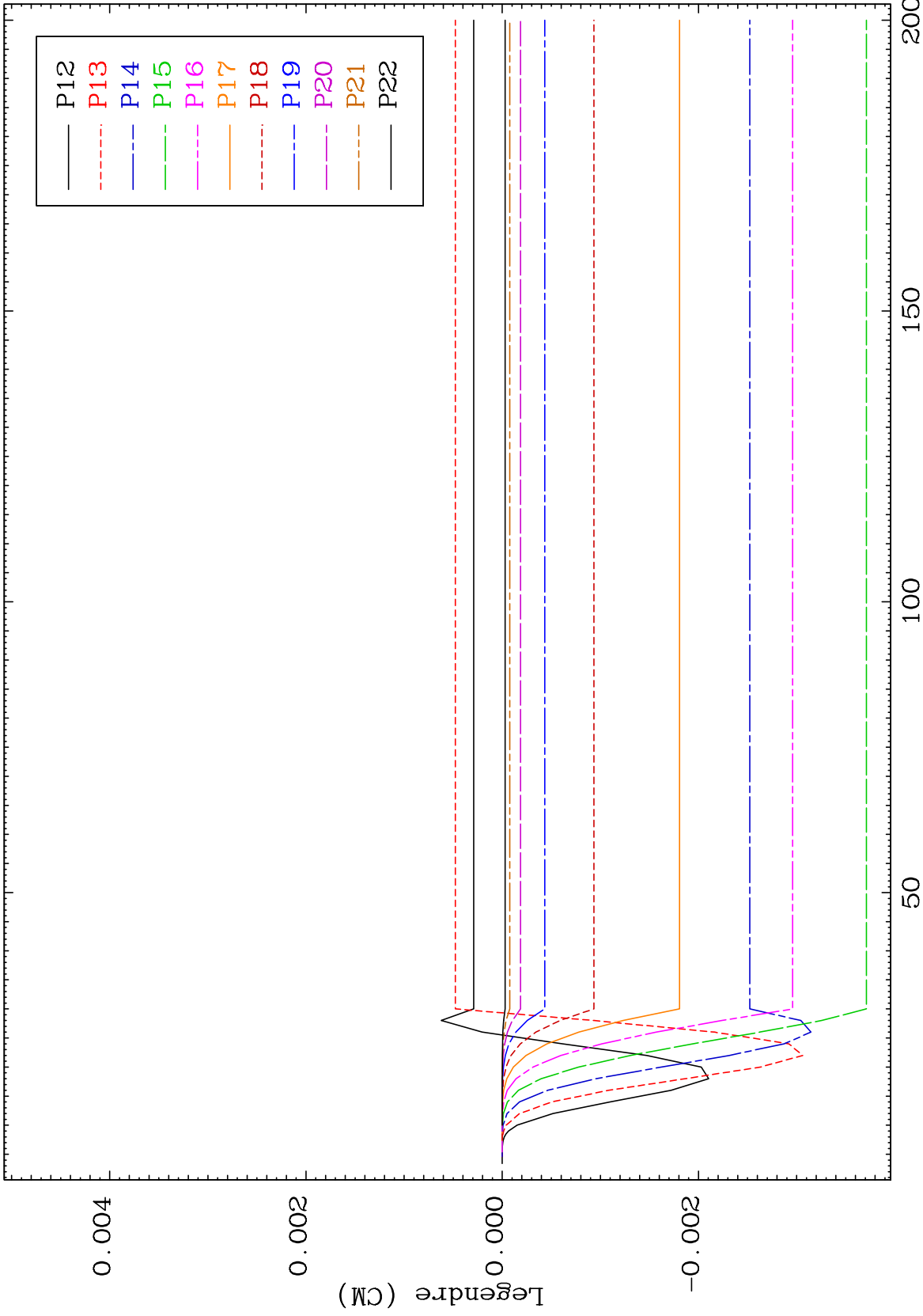
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



98

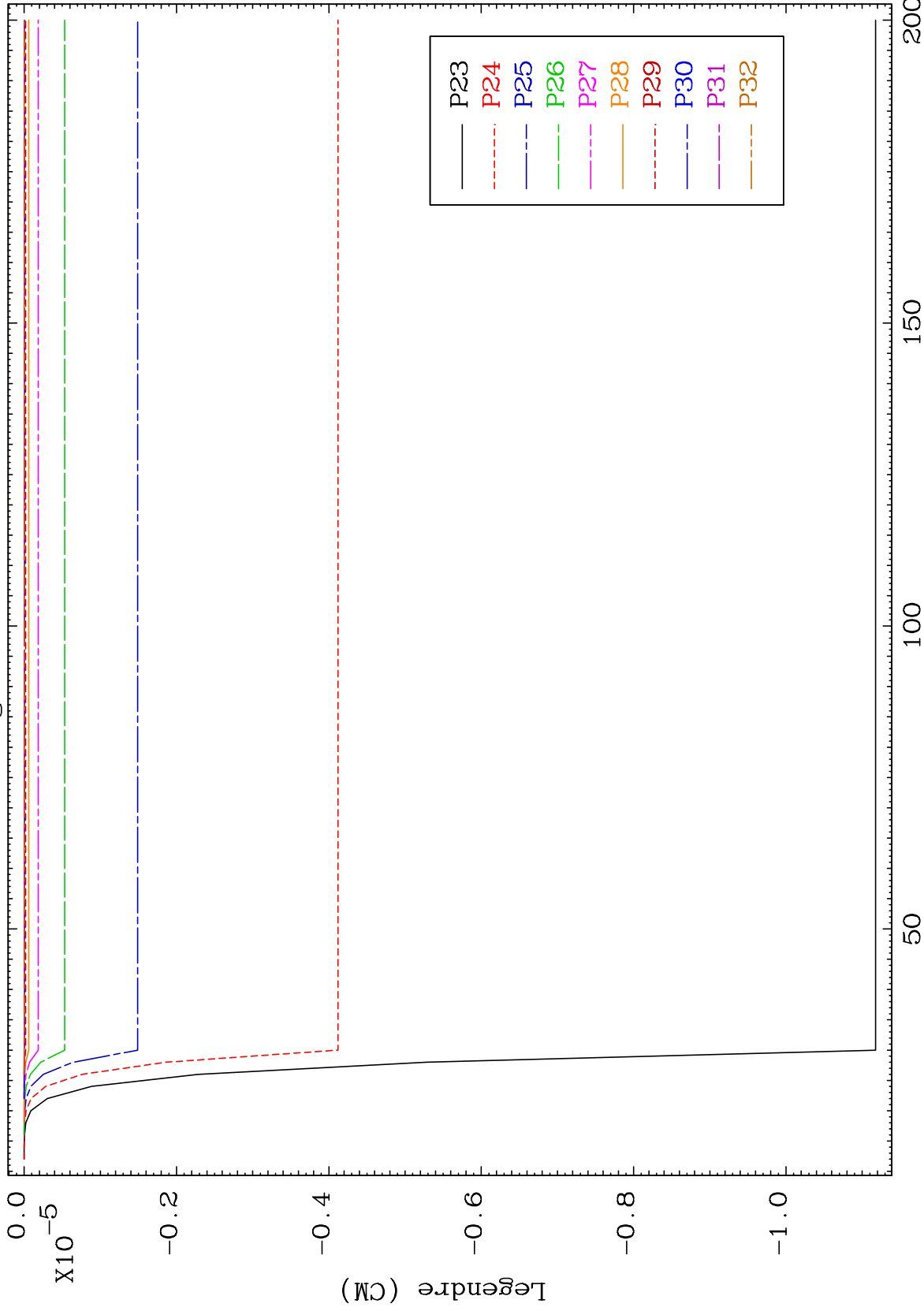
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



99

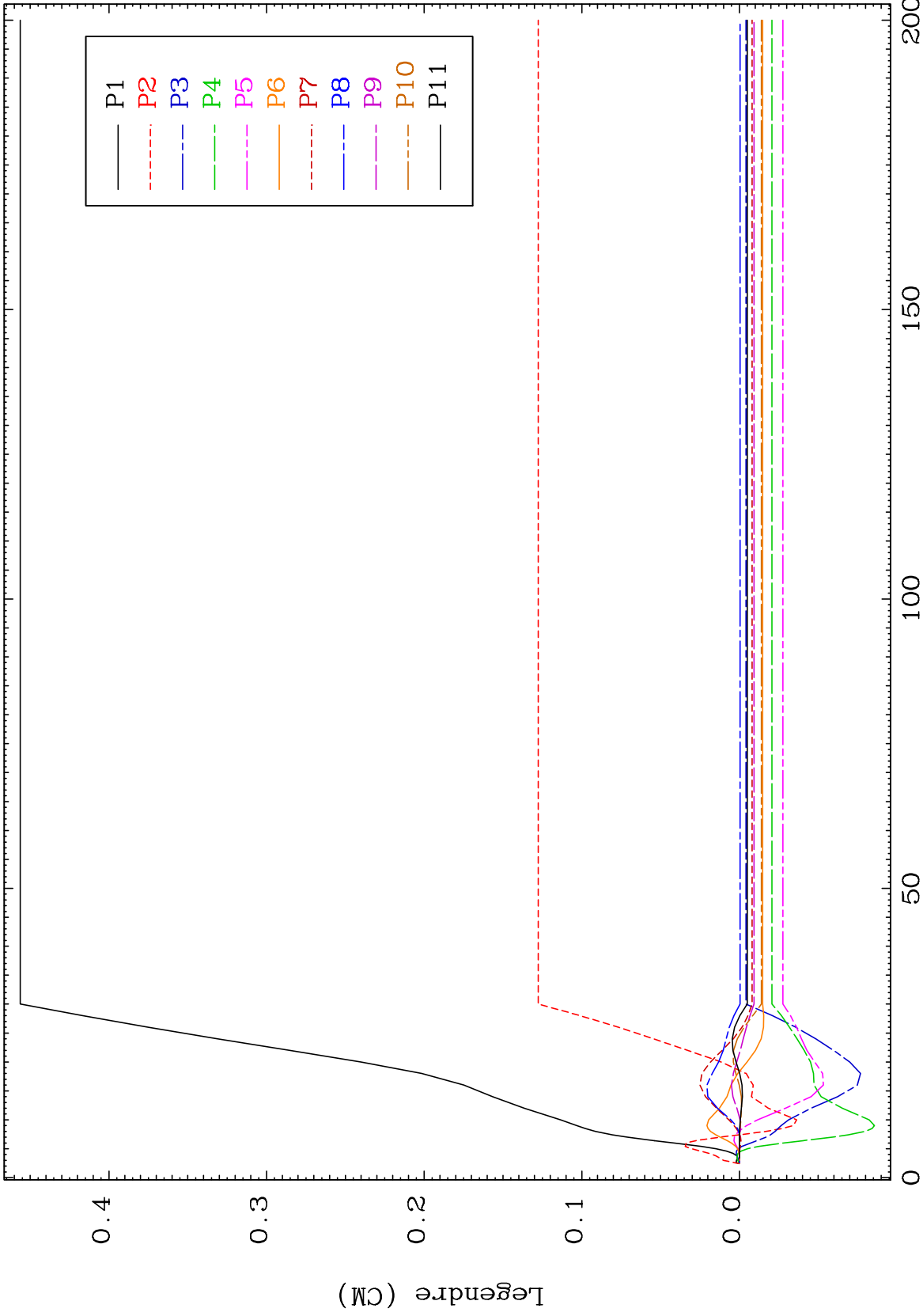
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



26-Fe-63

Incident Energy (MeV)

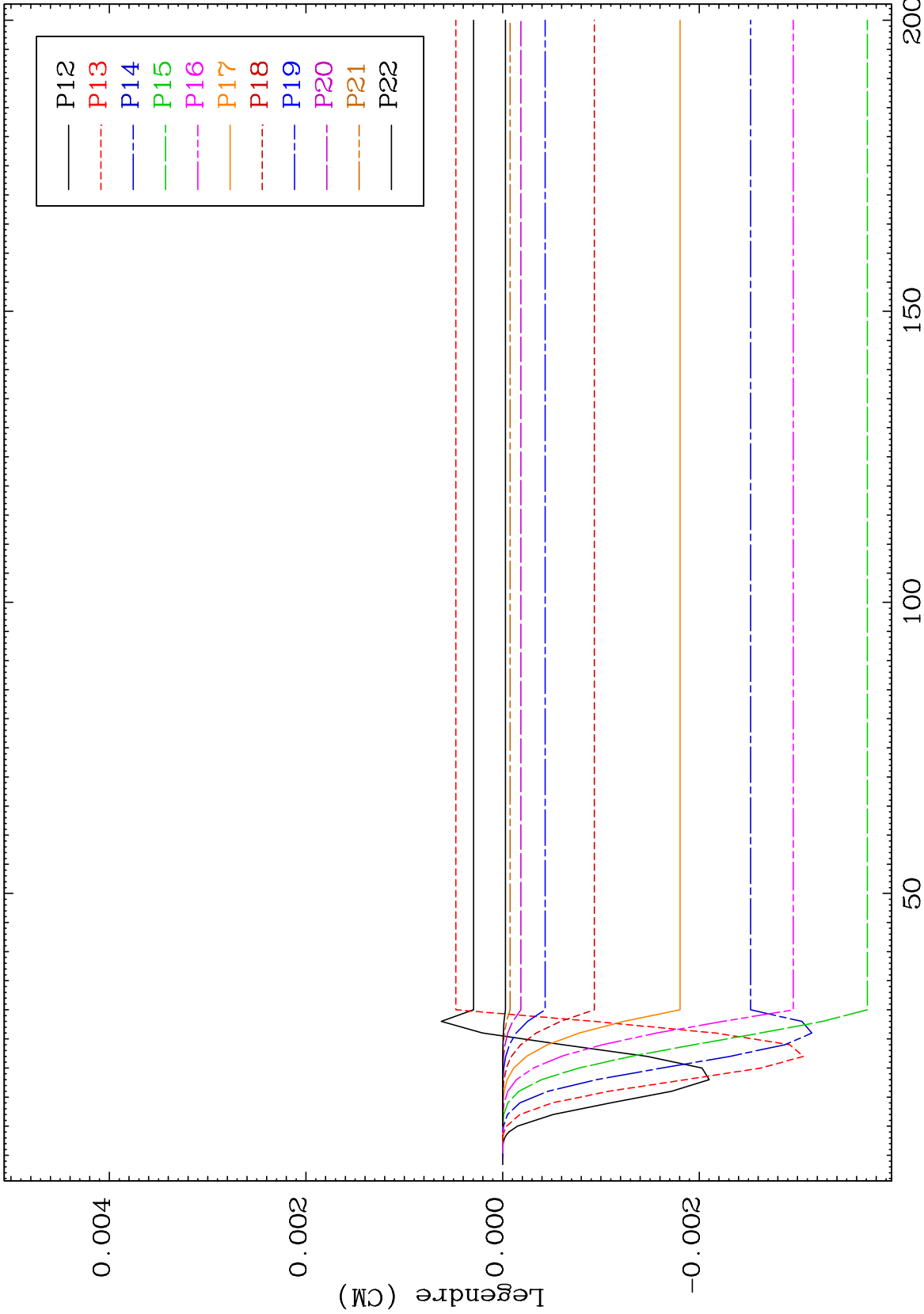
100

200

MAT 2652

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

26-Fe-63



101

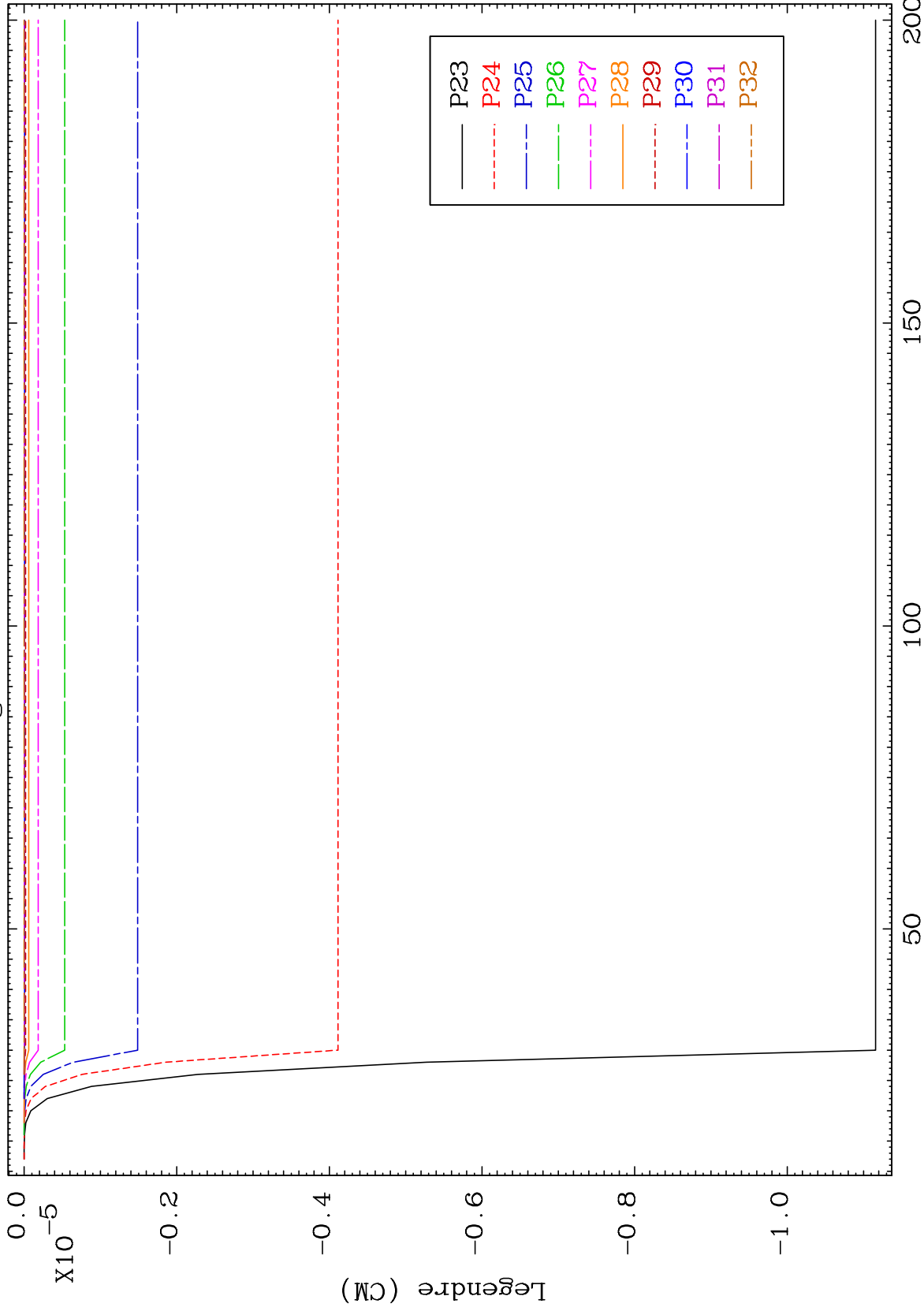
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



26-Fe-63

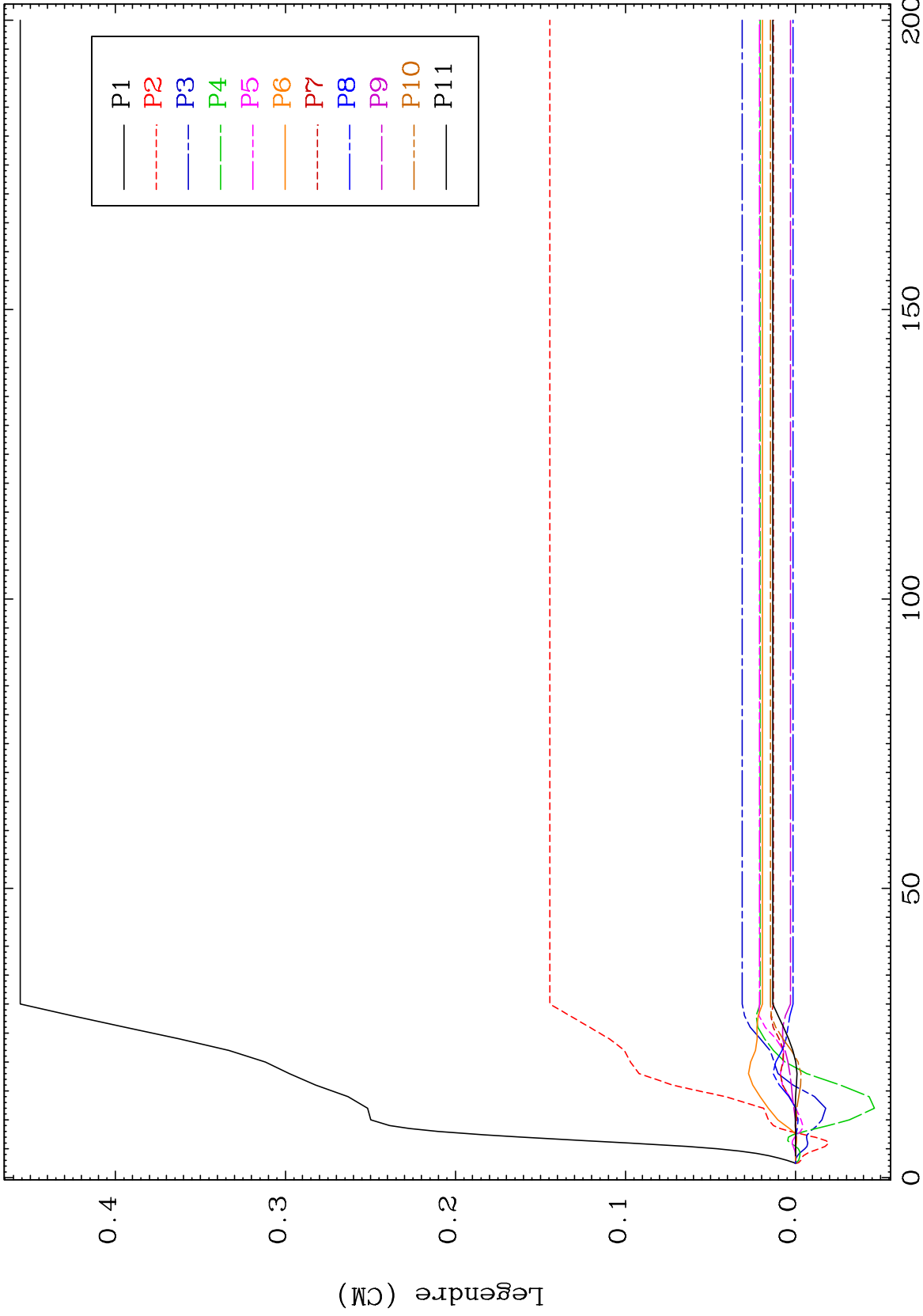
Incident Energy (MeV)

102

MAT 2652

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

26-Fe-63



103

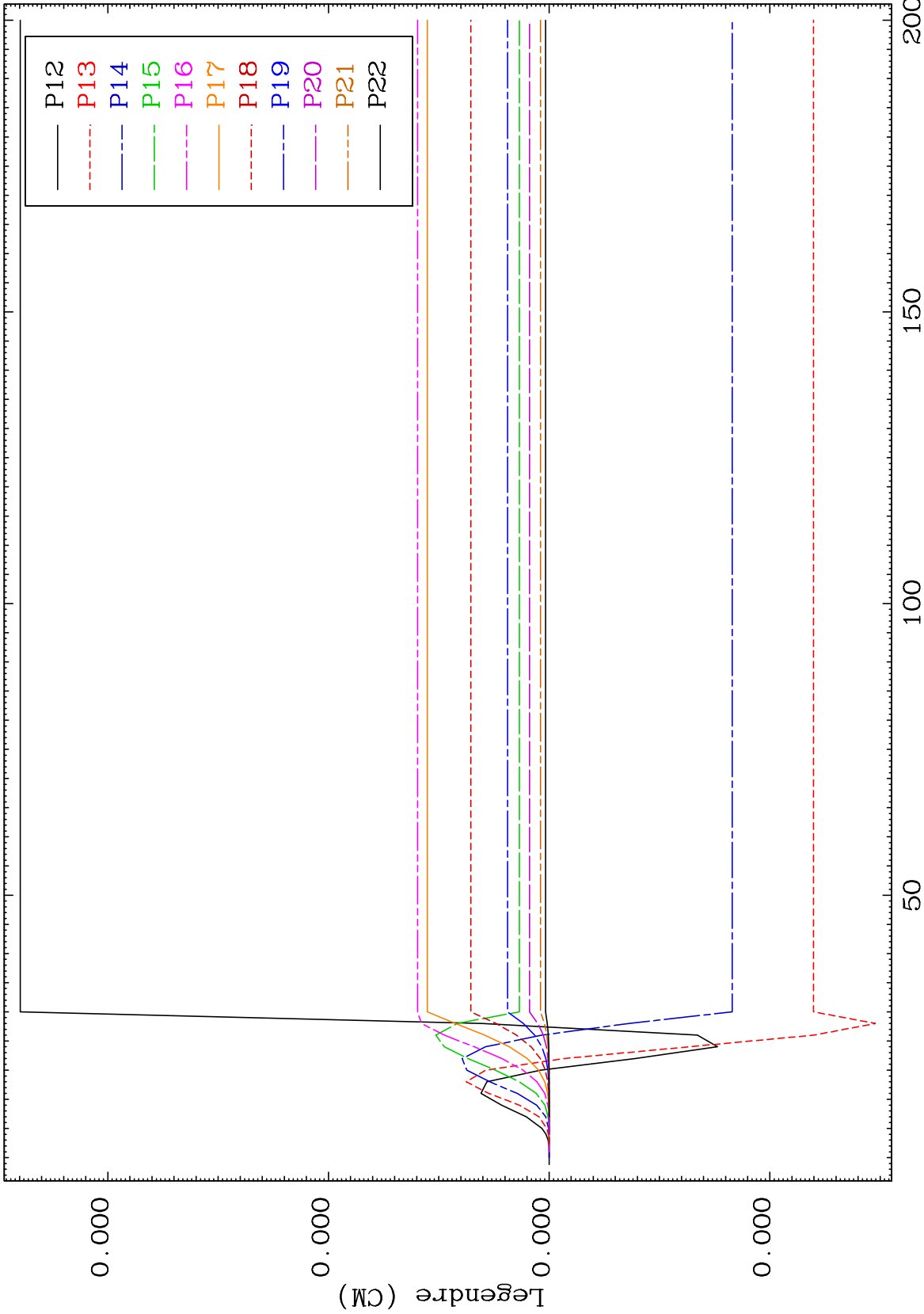
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



104

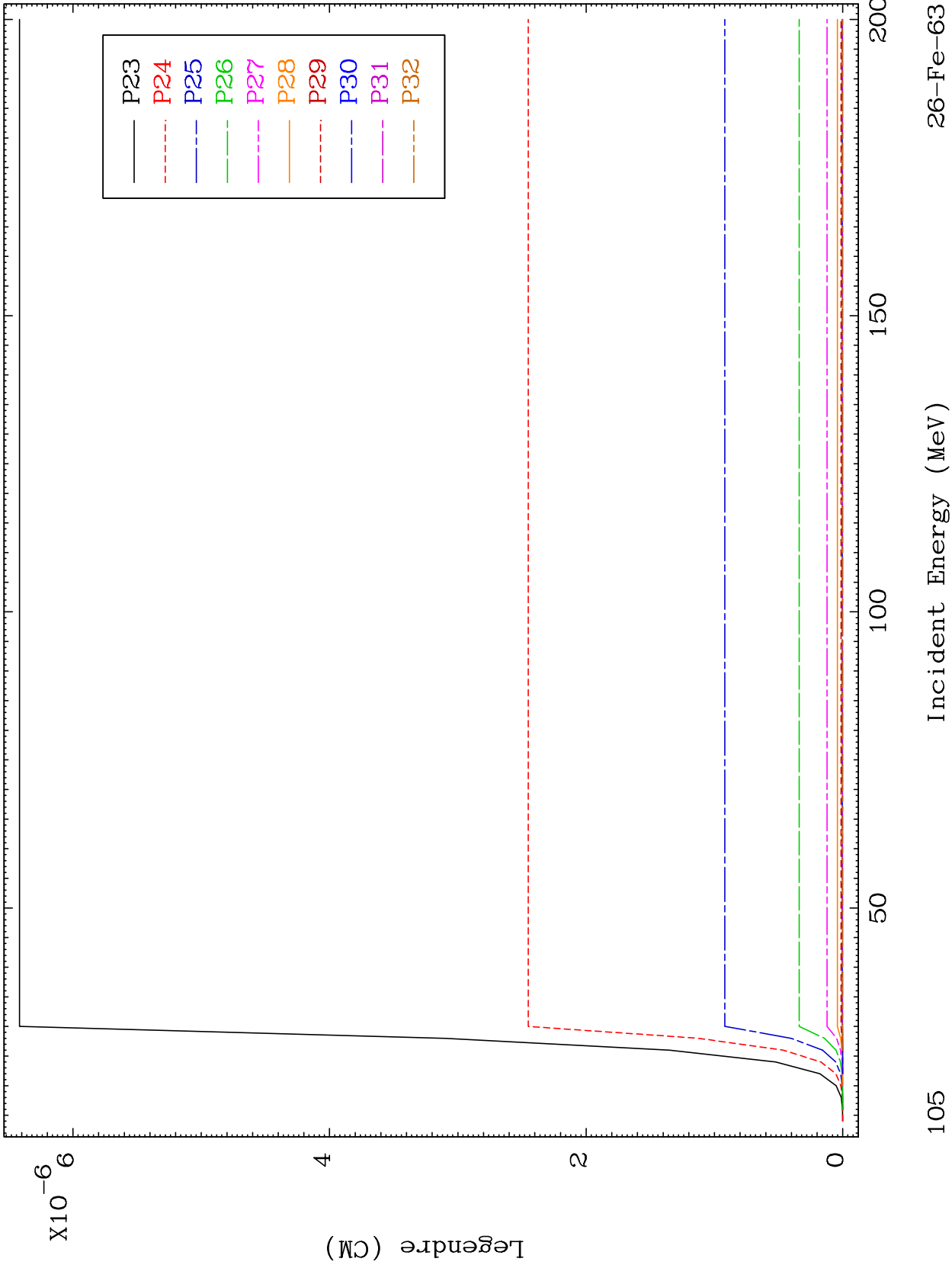
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63

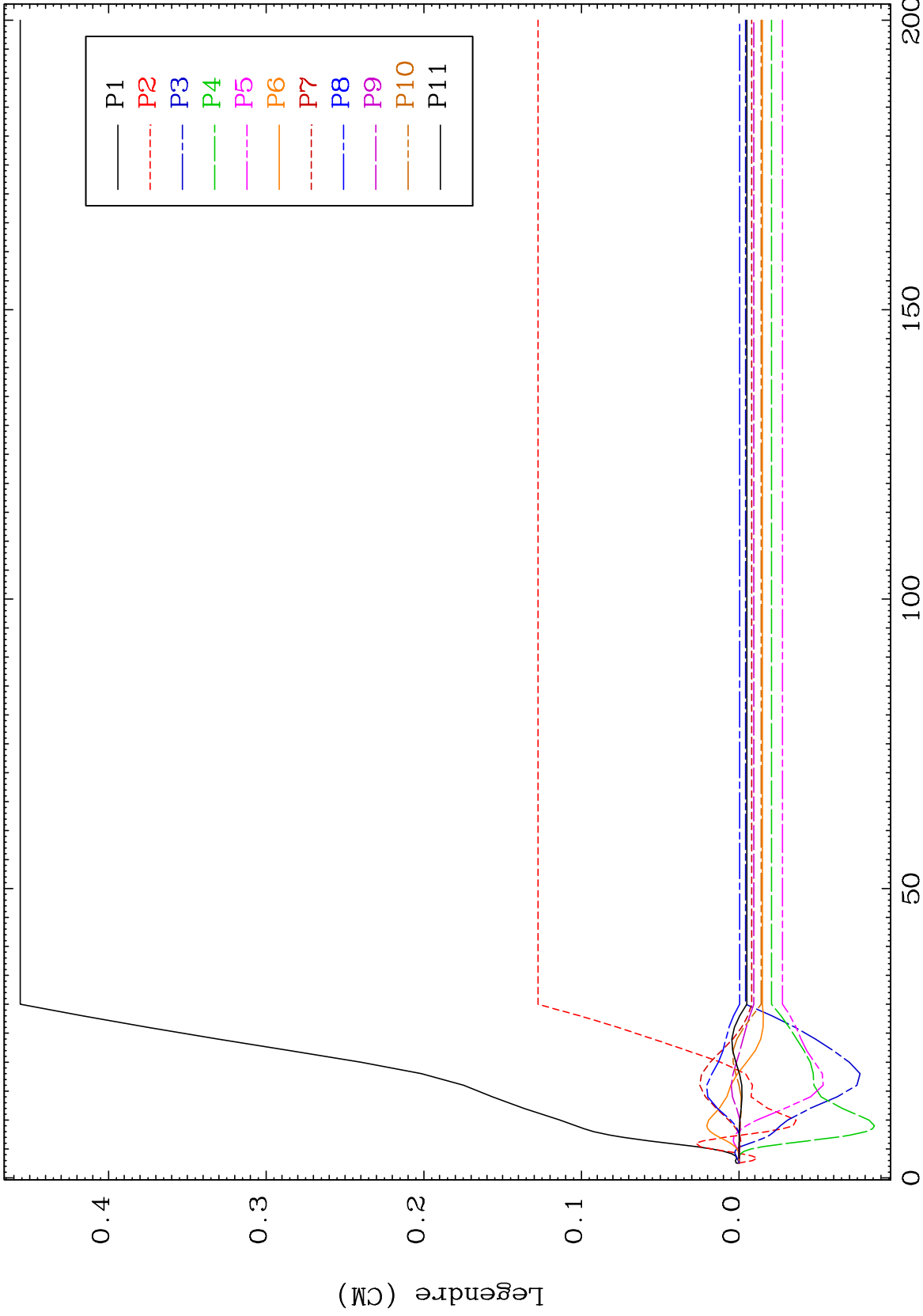


26-Fe-63

MAT 2652

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

26-Fe-63



106

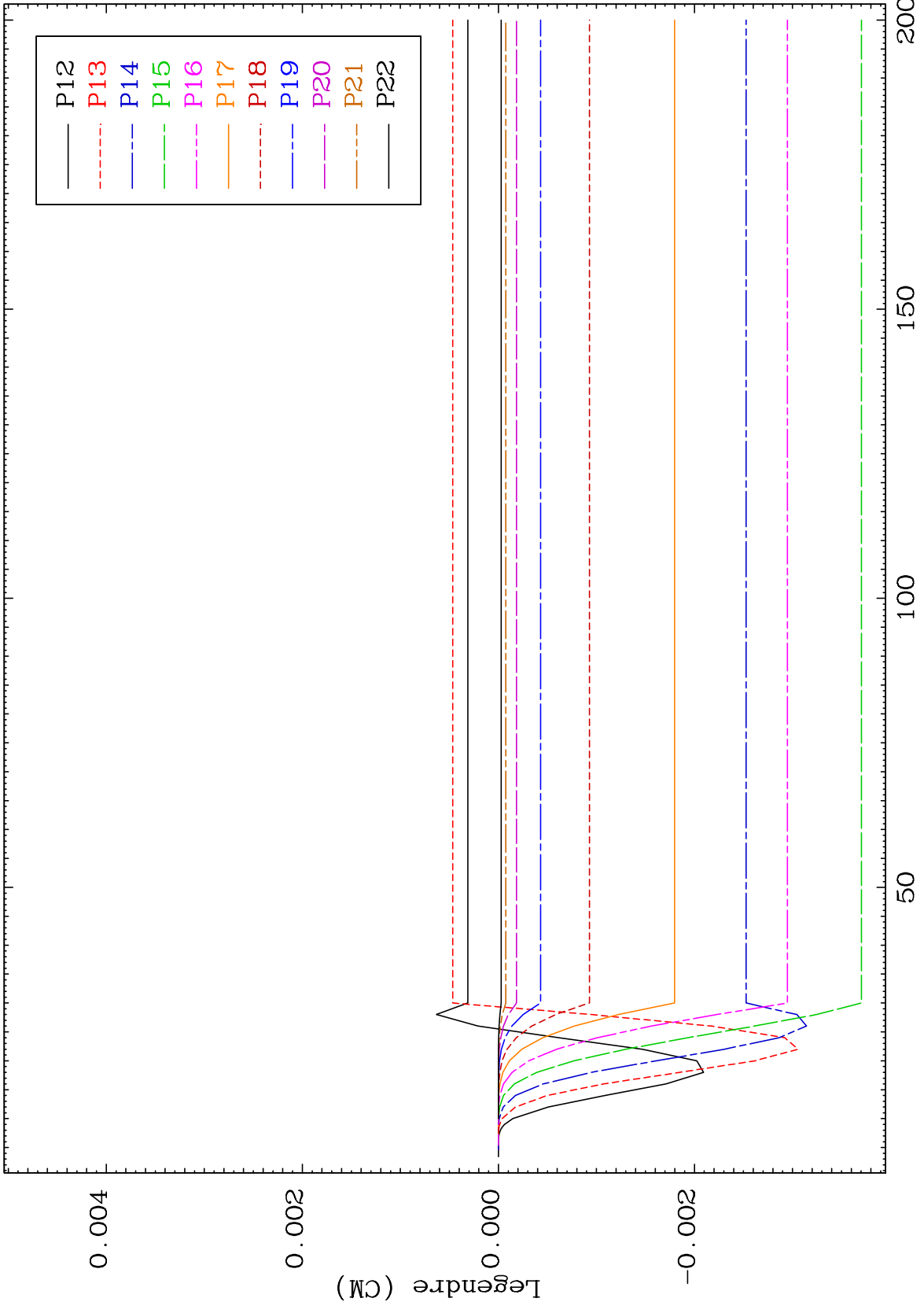
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



107

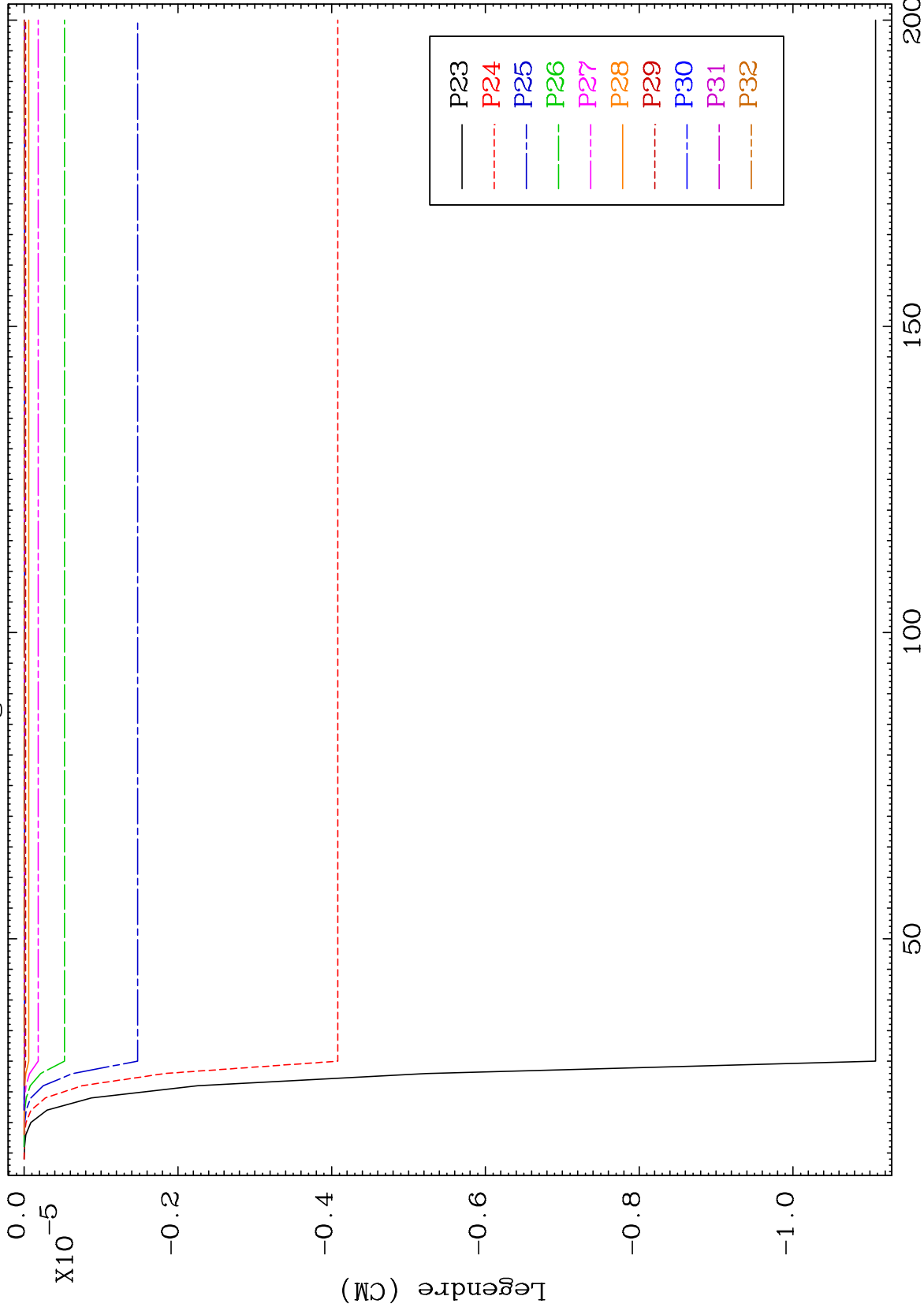
Incident Energy (MeV)

26-Fe-63

MAT 2652

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

26-Fe-63



26-Fe-63

Incident Energy (MeV)

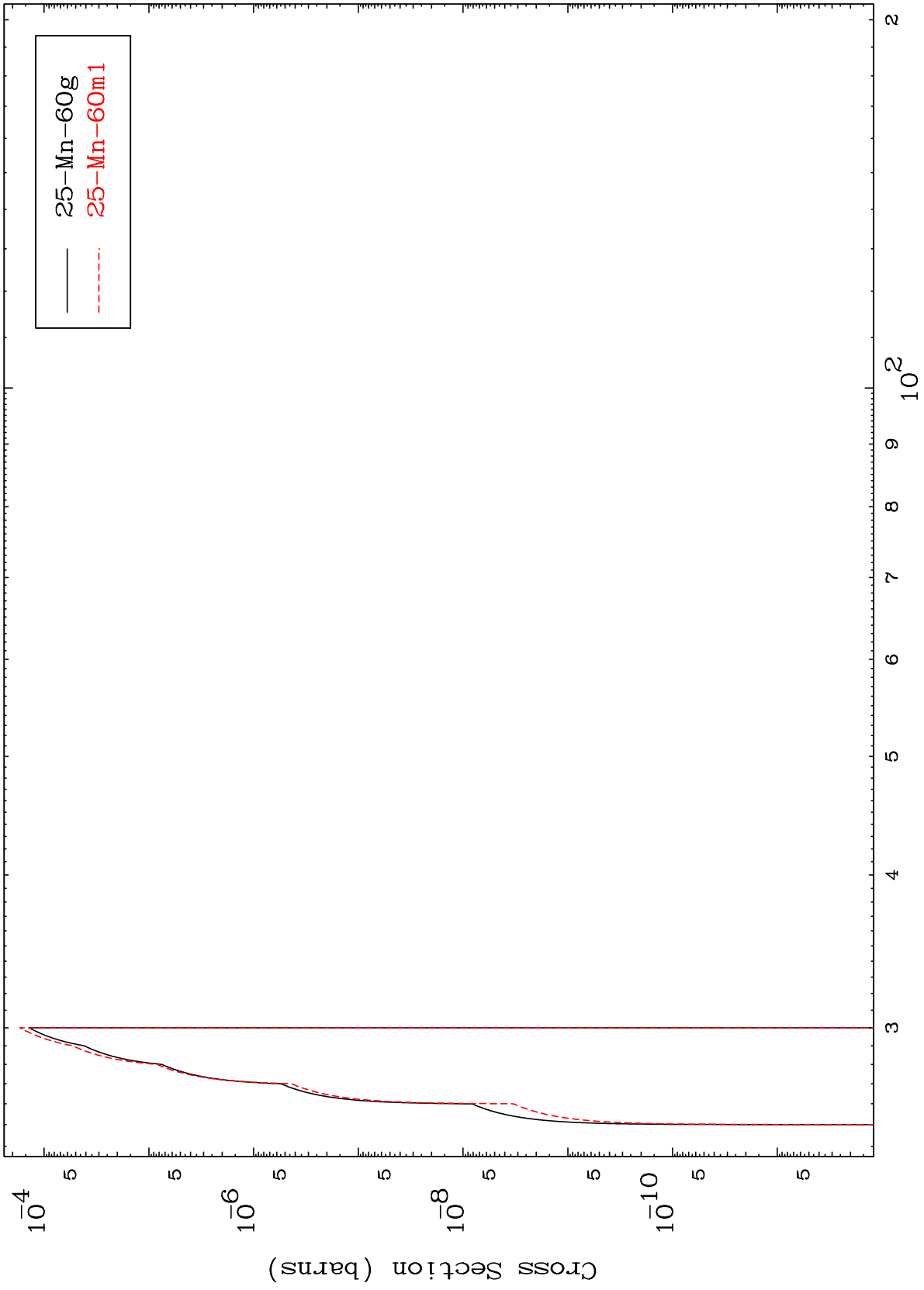
108

MAT 2652

(n,2n) d

²⁶Fe-63

Radionuclide Production Cross Section



109

Incident Energy (MeV)

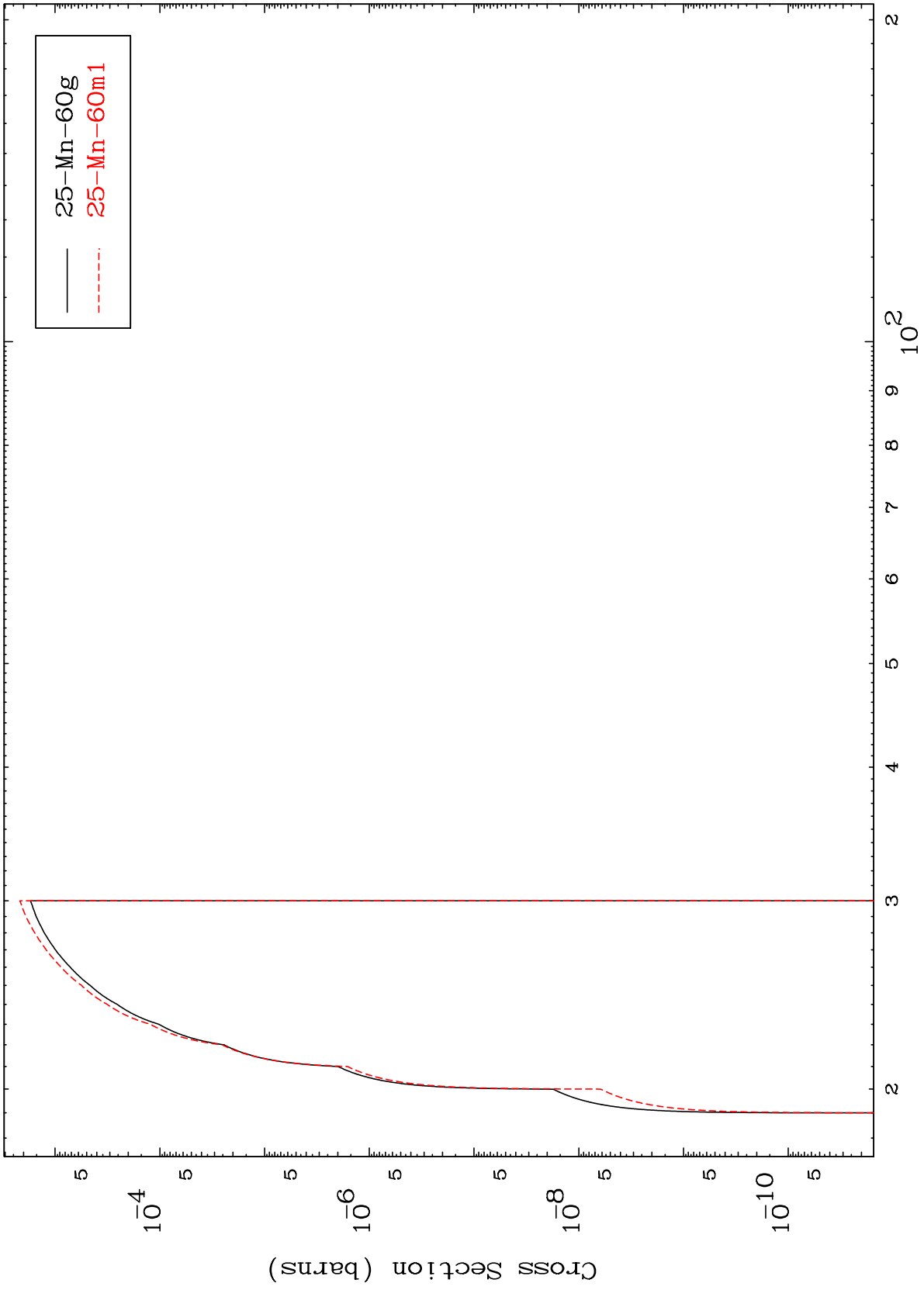
²⁶Fe-63

MAT 2652

(n,n') t

²⁶Fe-63

Radionuclide Production Cross Section



110

Incident Energy (MeV)

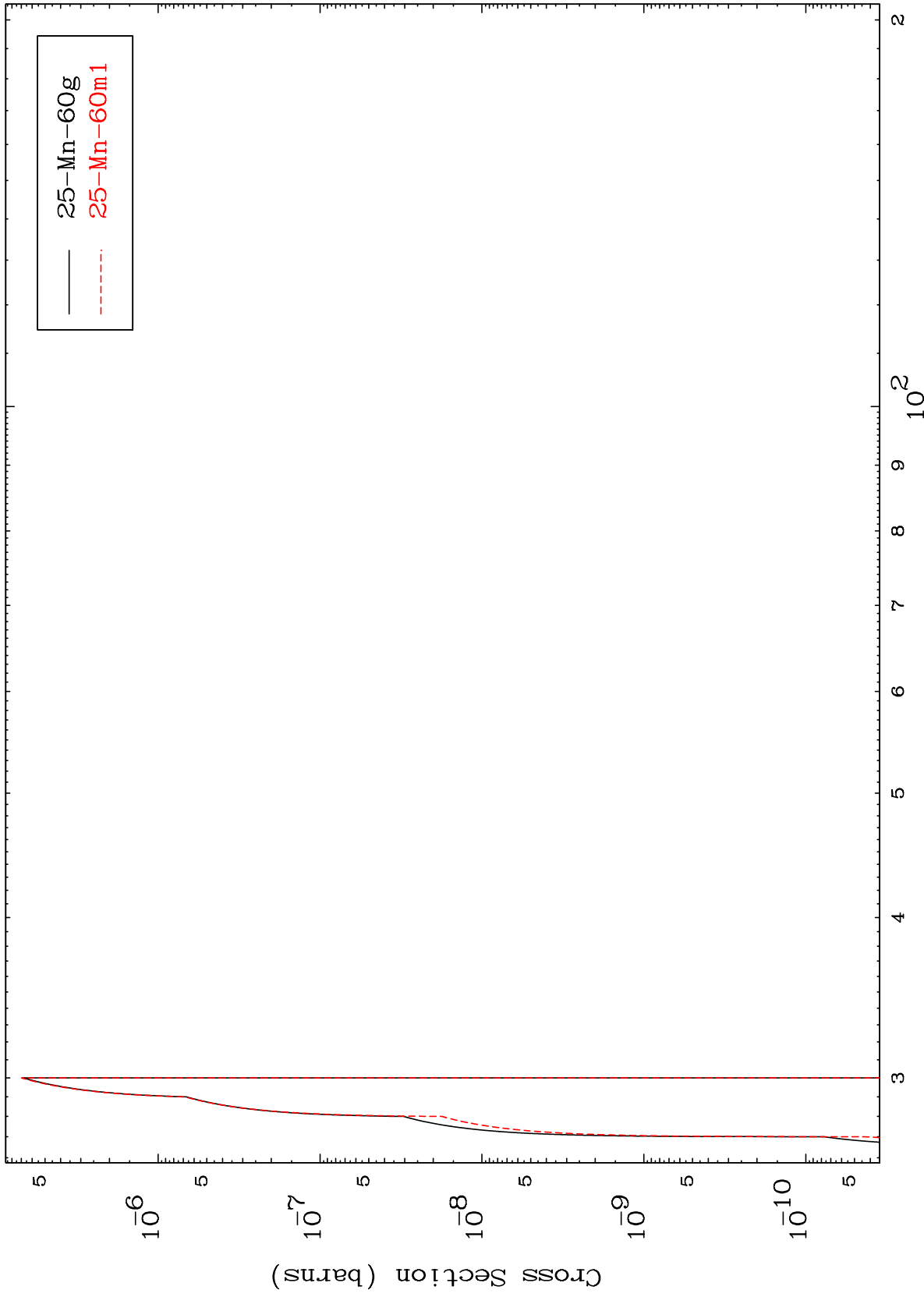
²⁶Fe-63

MAT 2652

(n,3n) p

²⁶Fe-63

Radionuclide Production Cross Section



111

Incident Energy (MeV)

²⁶Fe-63