

Program EVALPLOT
(Version 2018-1)

by

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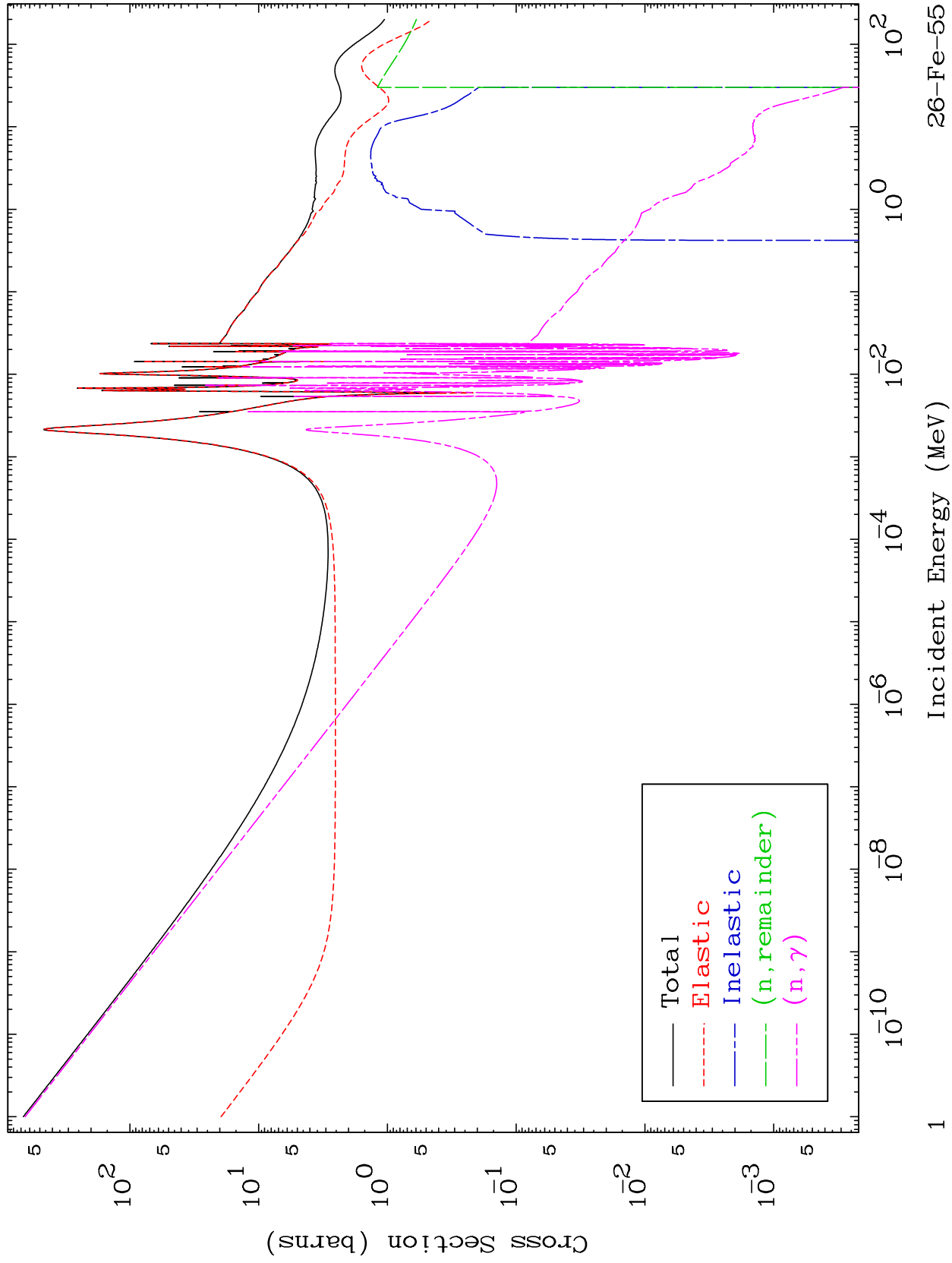
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2628

Major
293 Kelvin Cross Sections

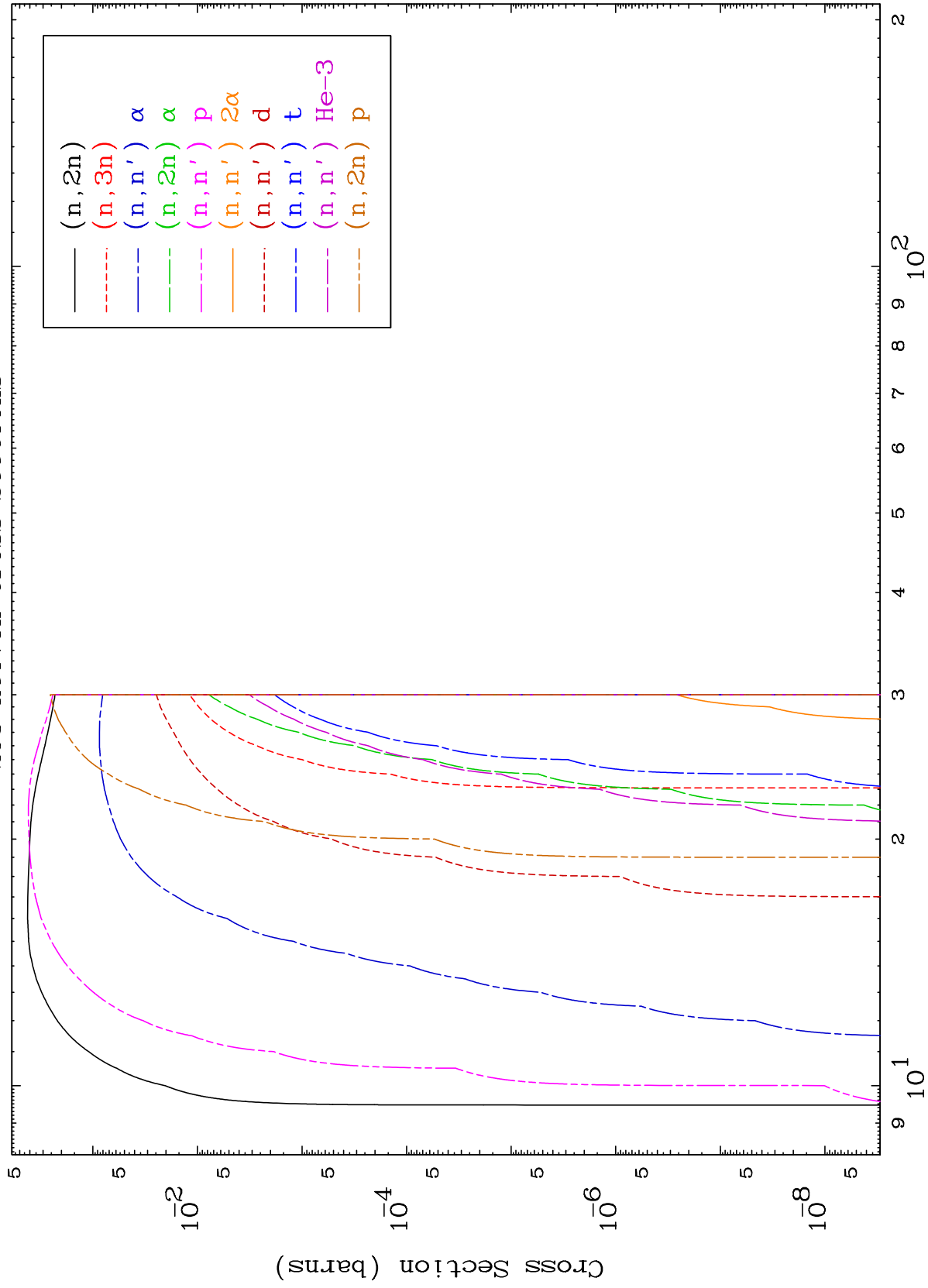
26-Fe-55



MAT 2628

Neutron Production
293 Kelvin Cross Sections

26-Fe-55



2

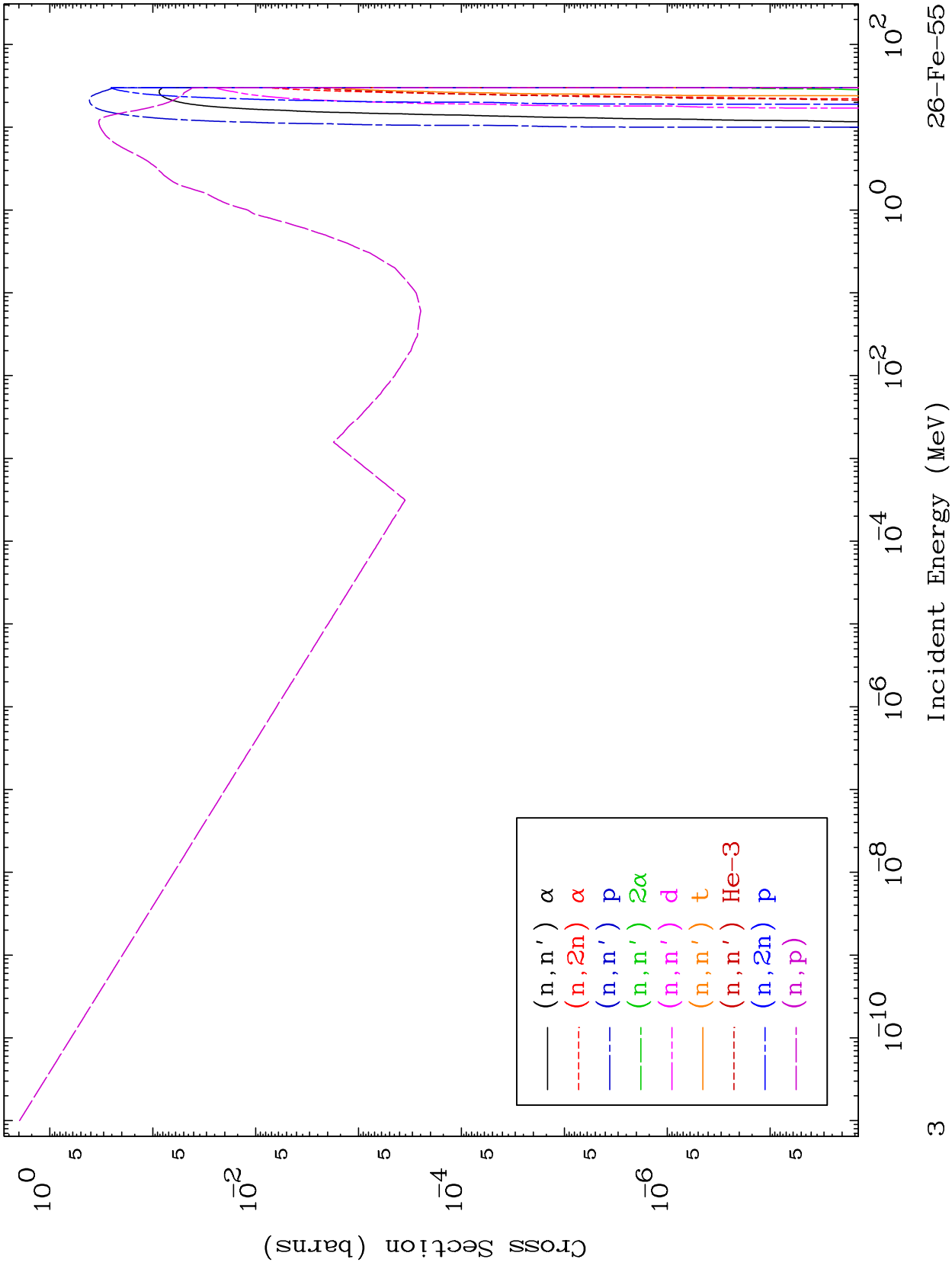
Incident Energy (MeV)

26-Fe-55

MAT 2628

293 Charged Particle
Kelvin Cross Sections

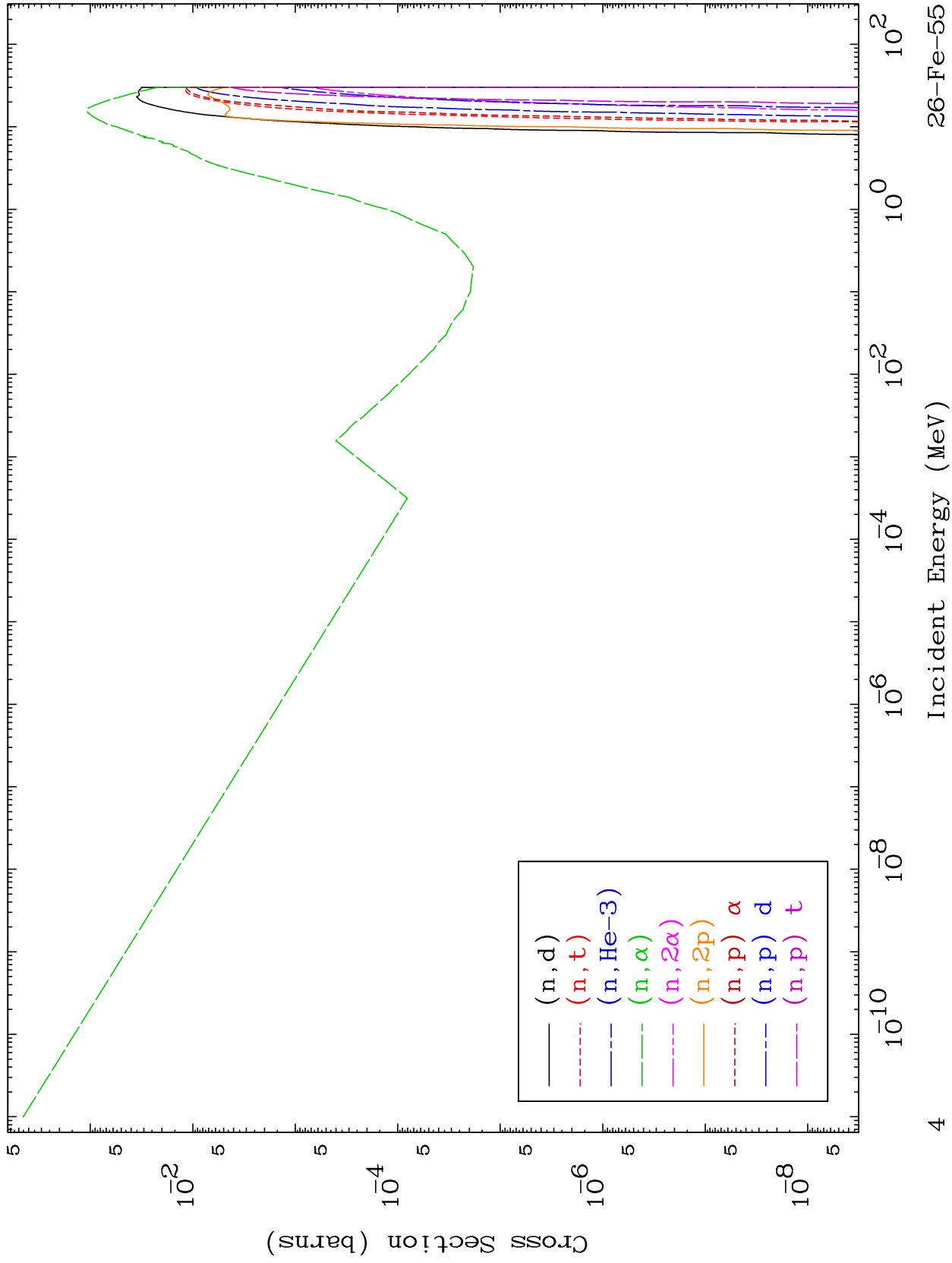
26-Fe-55



MAT 2628

Charged Particle
293 Kelvin Cross Sections

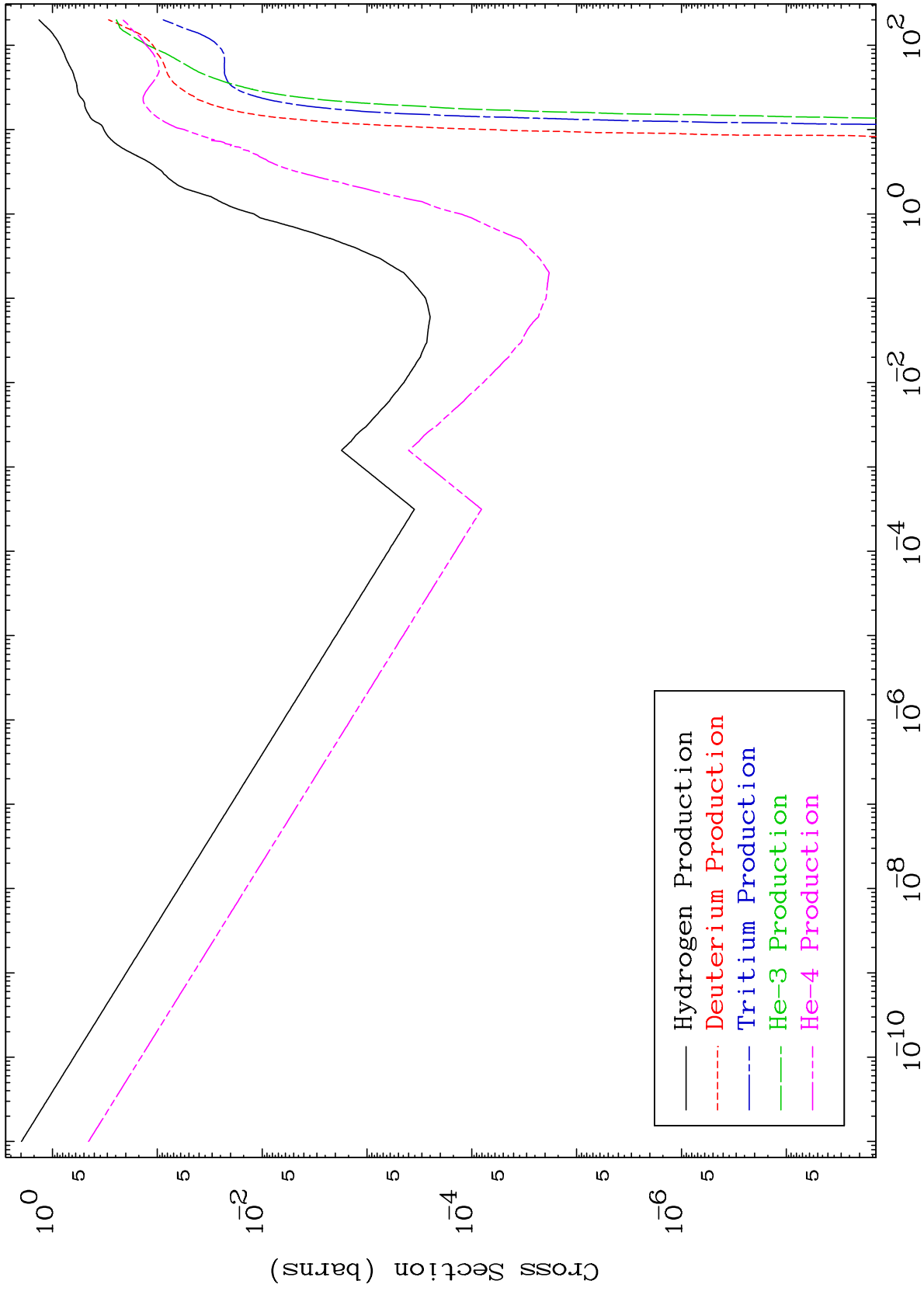
26-Fe-55



MAT 2628

Particle Production
293 Kelvin Cross Sections

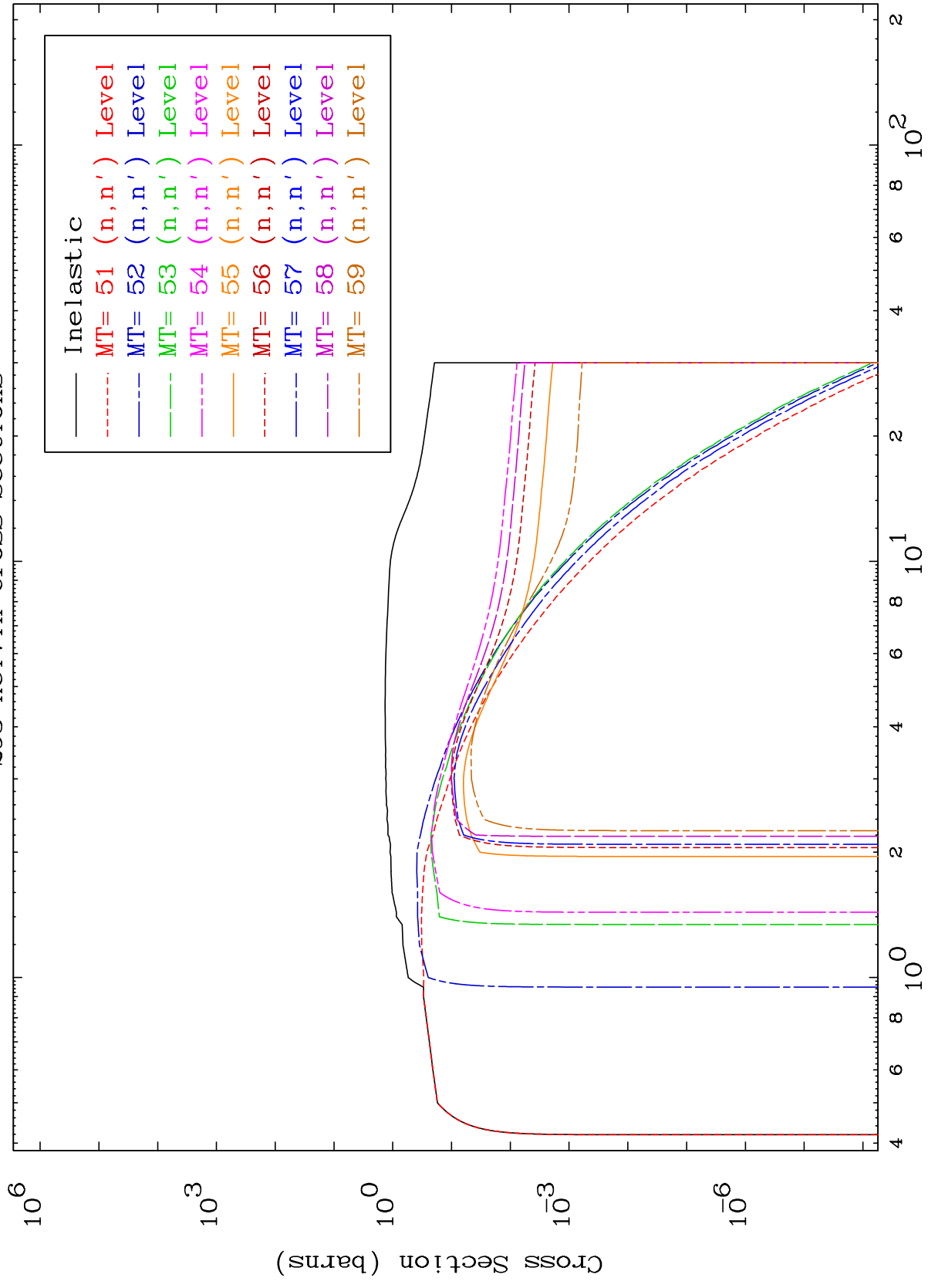
26-Fe-55



MAT 2628

(n,n') Level
293 Kelvin Cross Sections

26-Fe-55



6

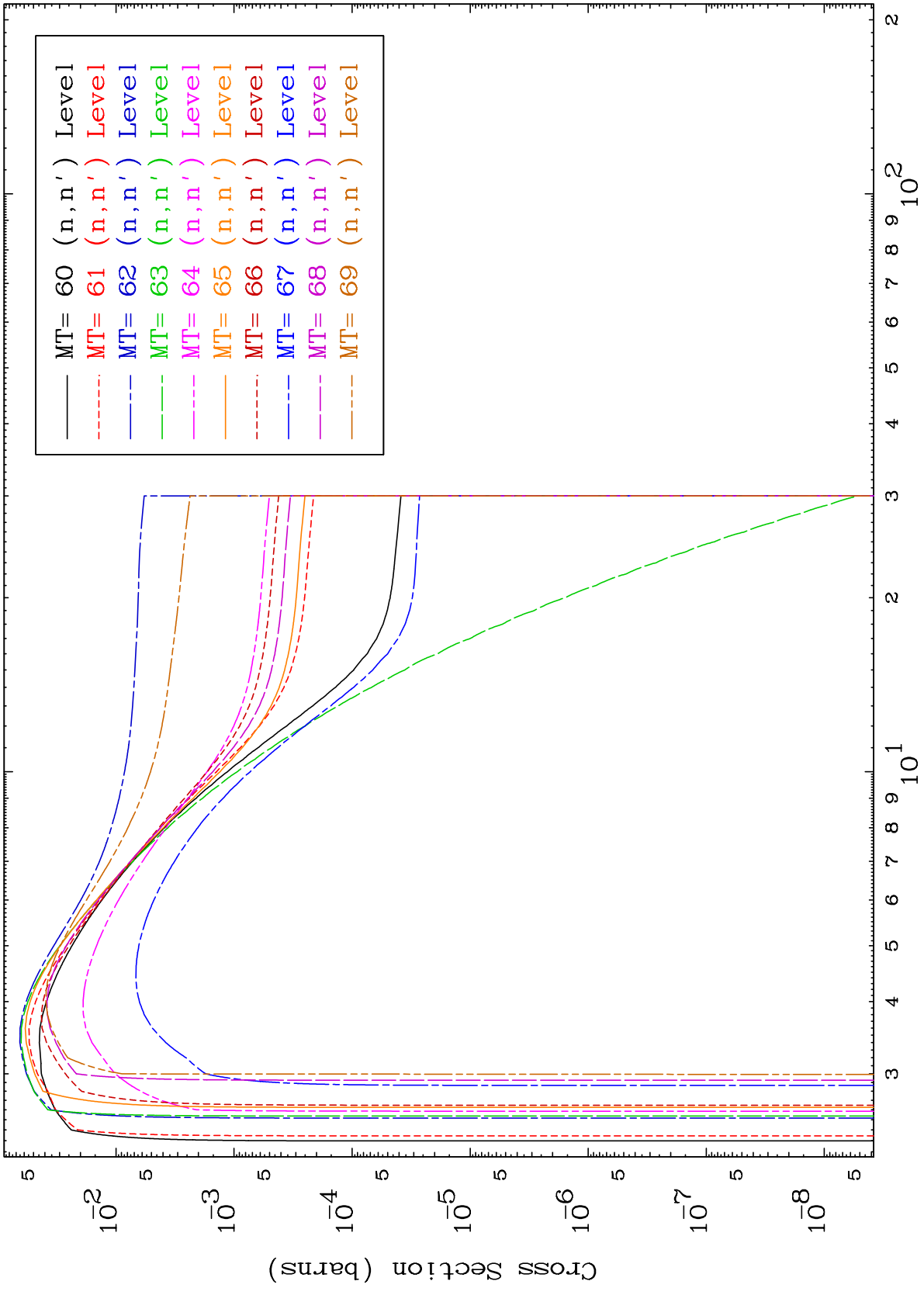
Incident Energy (MeV)

26-Fe-55

MAT 2628

(n,n') Level
293 Kelvin Cross Sections

26-Fe-55



7

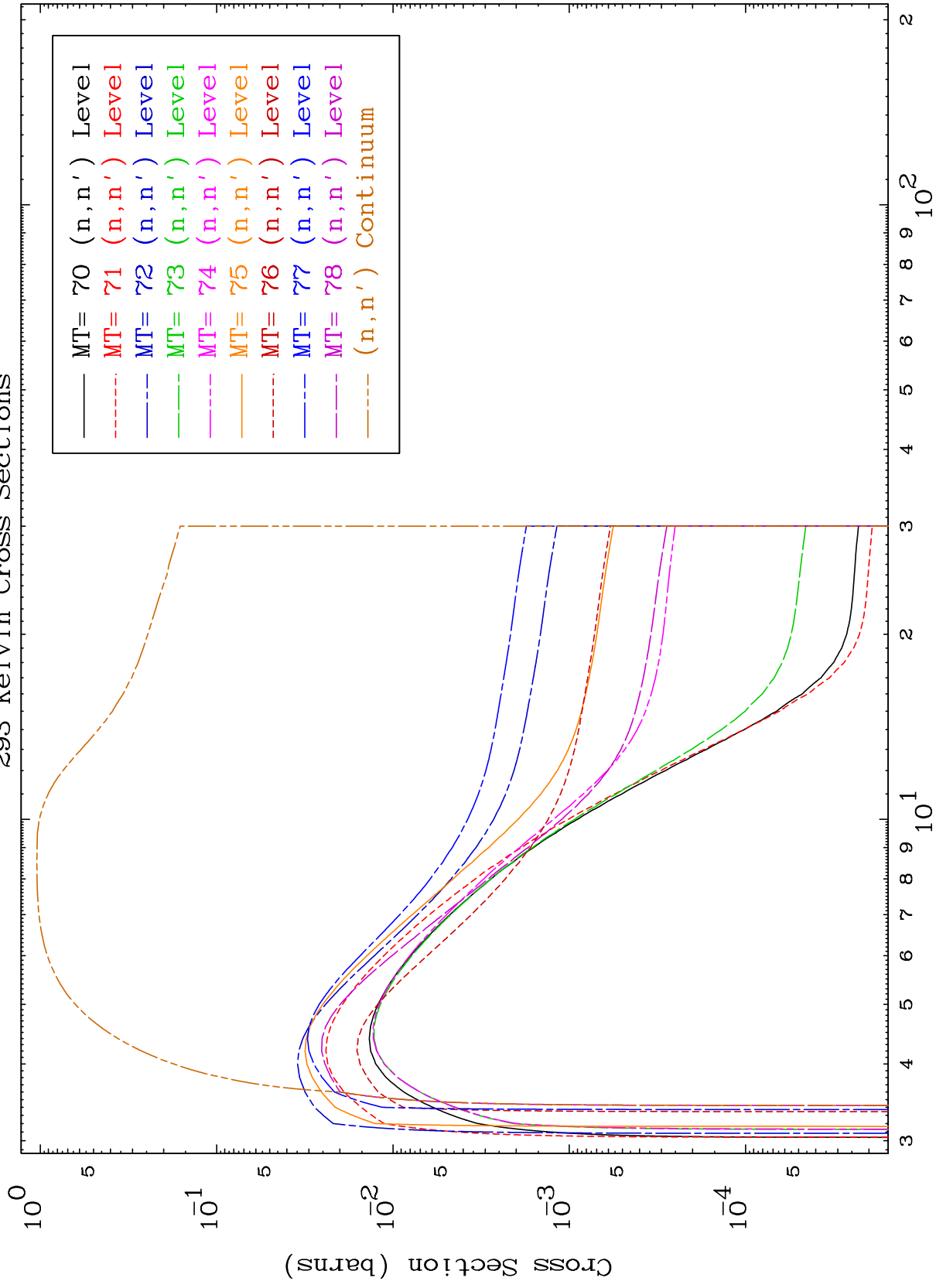
Incident Energy (MeV)

26-Fe-55

MAT 2628

(n,n') Level
293 Kelvin Cross Sections

26-Fe-55



8

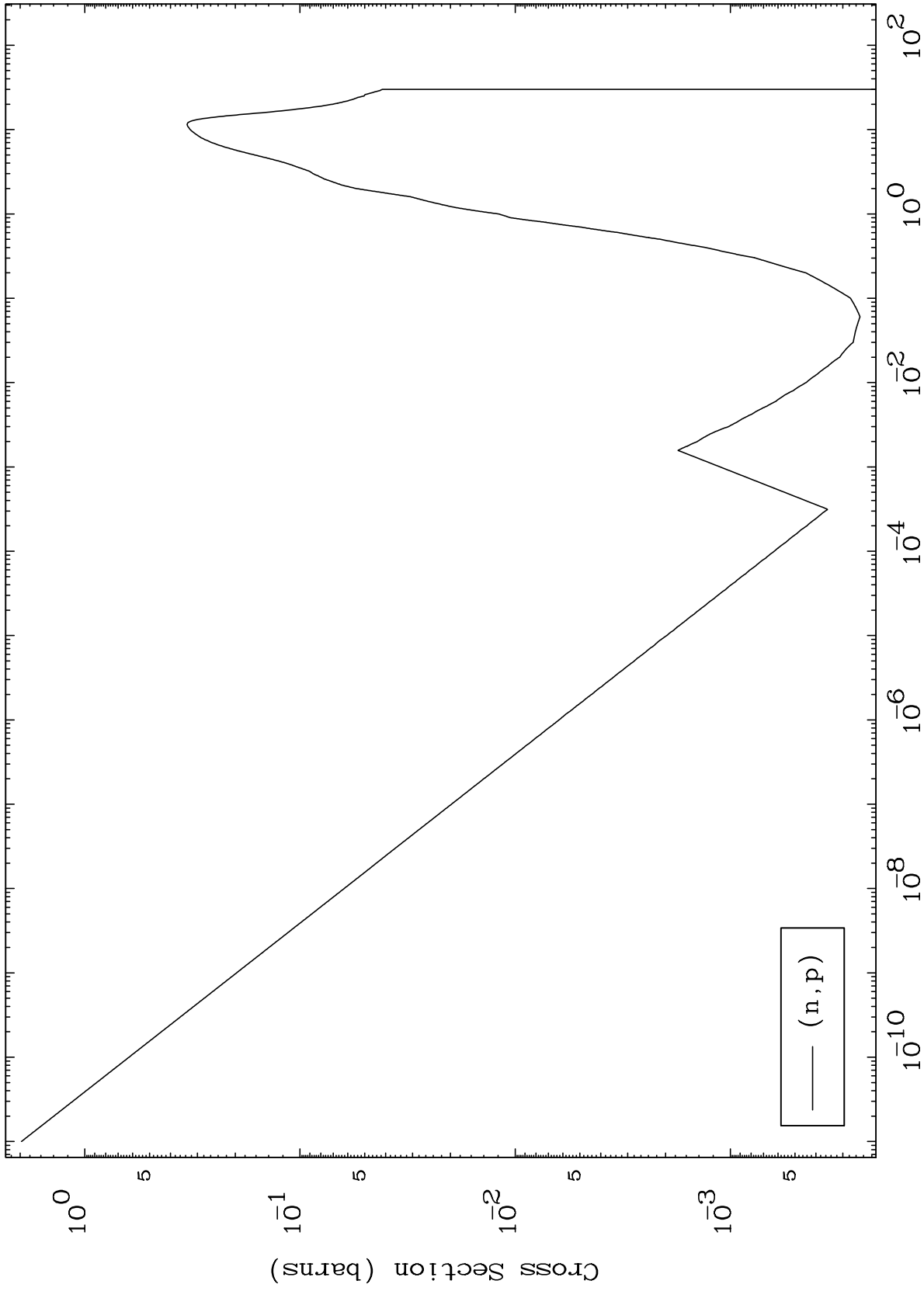
Incident Energy (MeV)

26-Fe-55

MAT 2628

(n,p) Levels
293 Kelvin Cross Sections

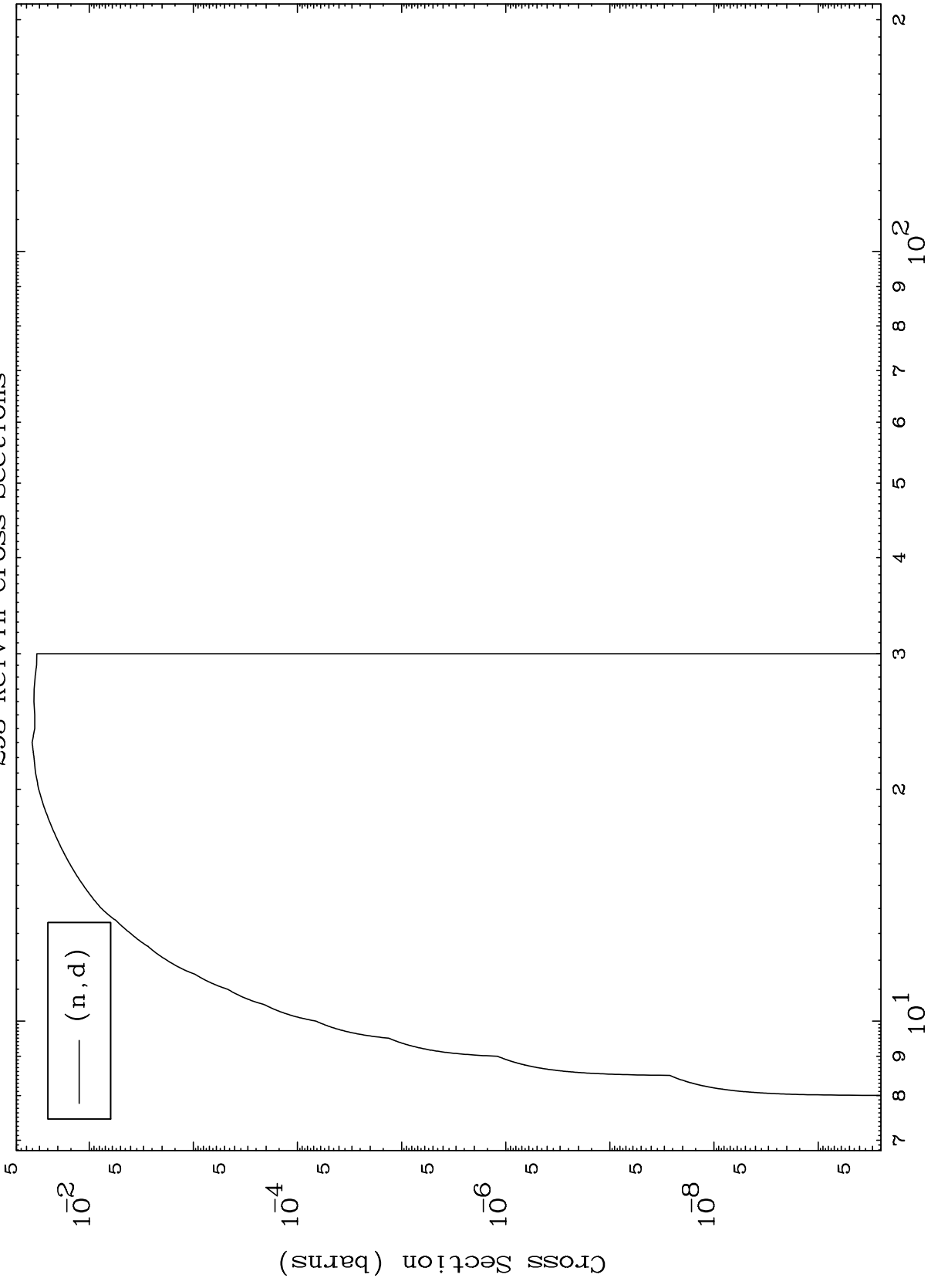
26-Fe-55



MAT 2628

(n,d) Levels
293 Kelvin Cross Sections

²⁶Fe-55



10

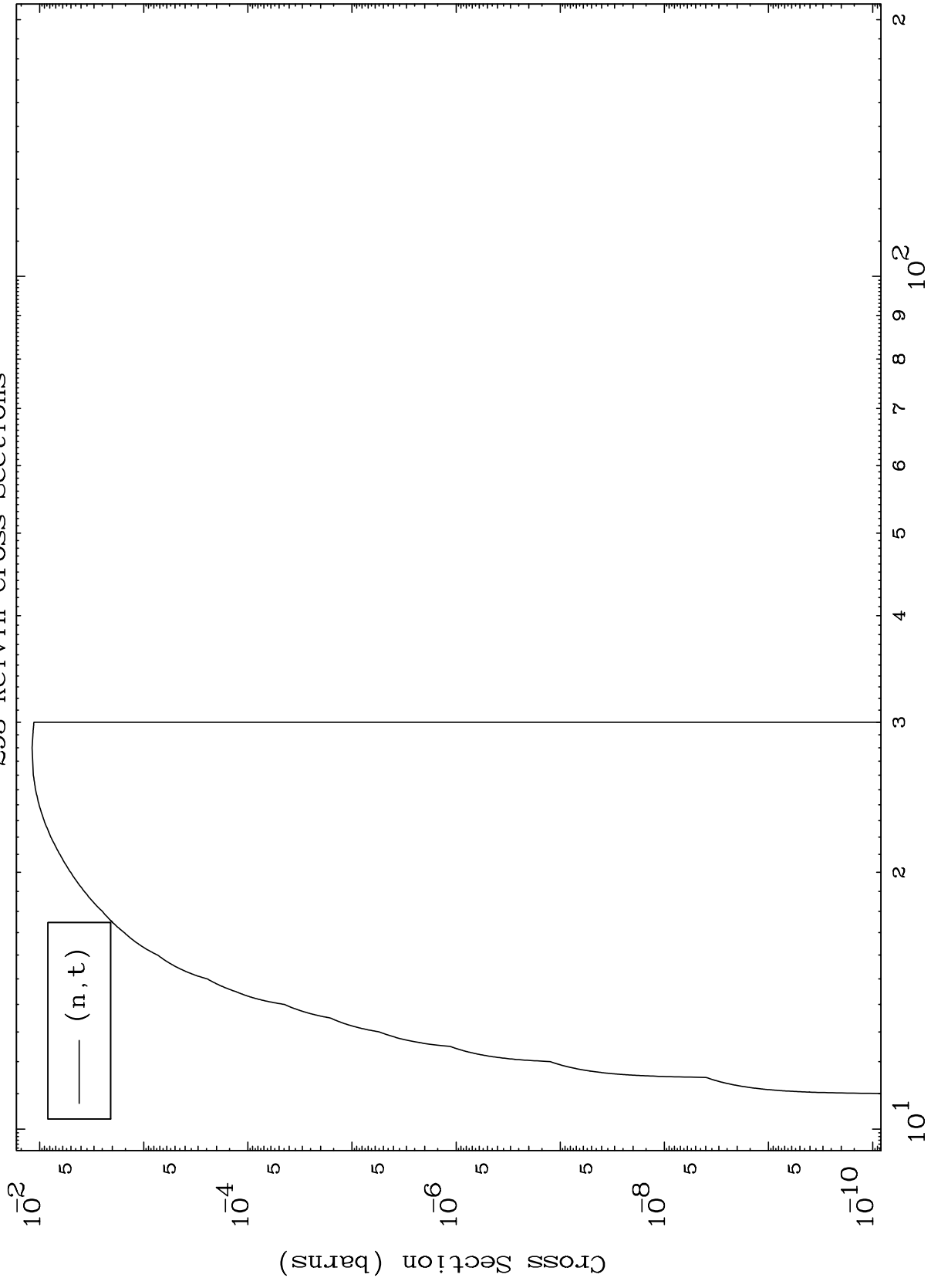
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

(n,t) Levels
293 Kelvin Cross Sections

²⁶Fe-55



11

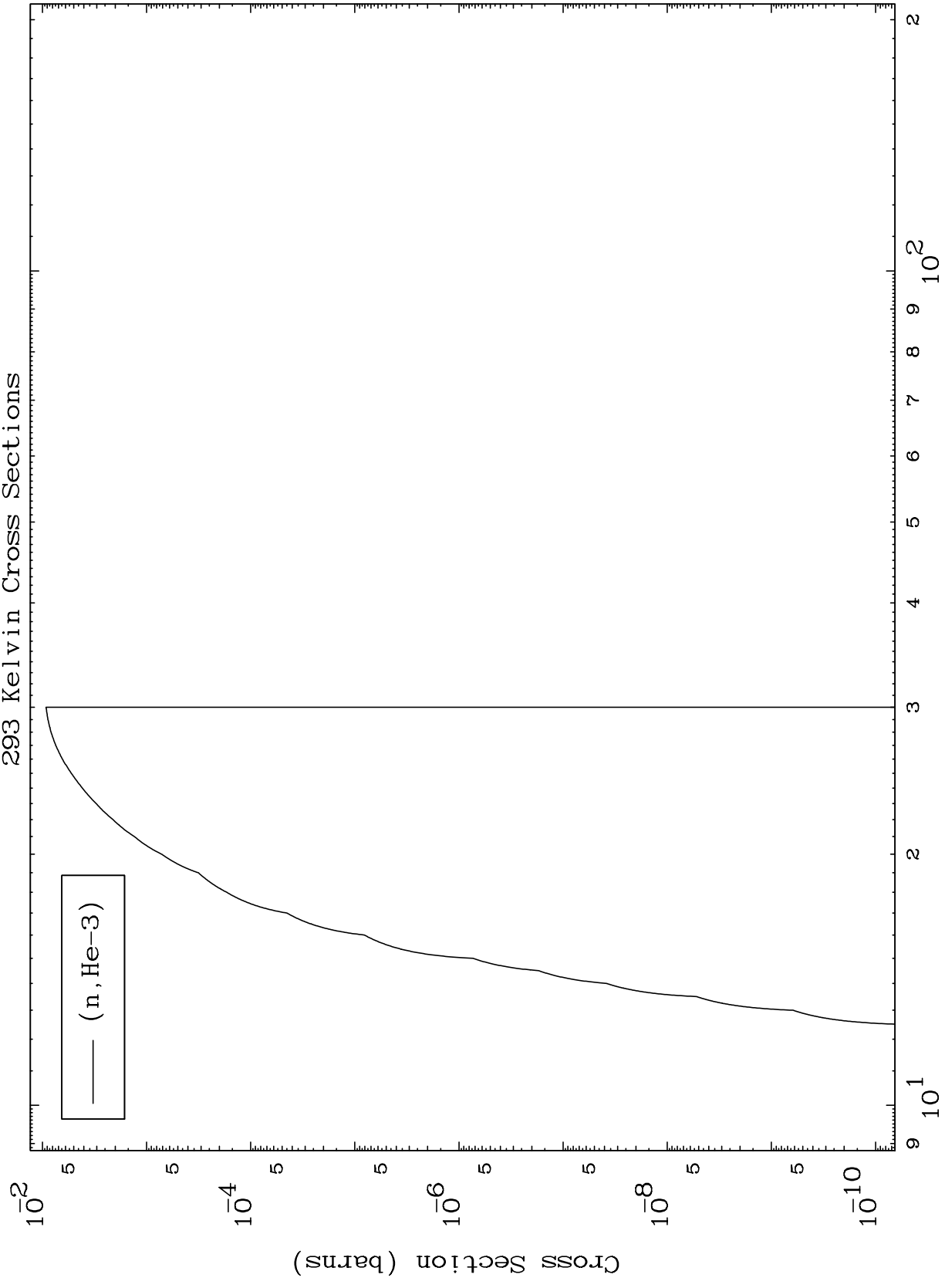
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

(n,He3) Levels
293 Kelvin Cross Sections

26-Fe-55



12

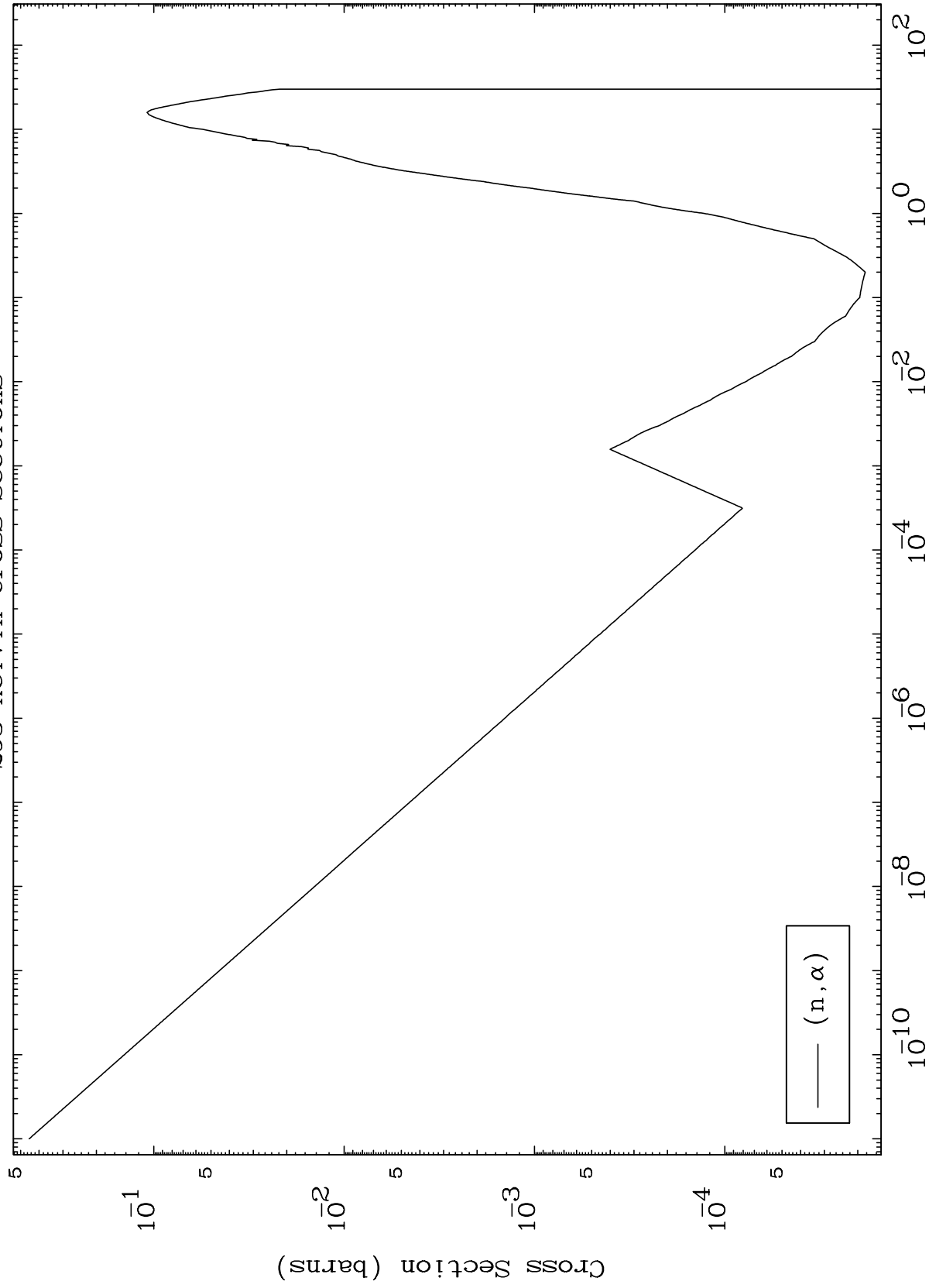
Incident Energy (MeV)

26-Fe-55

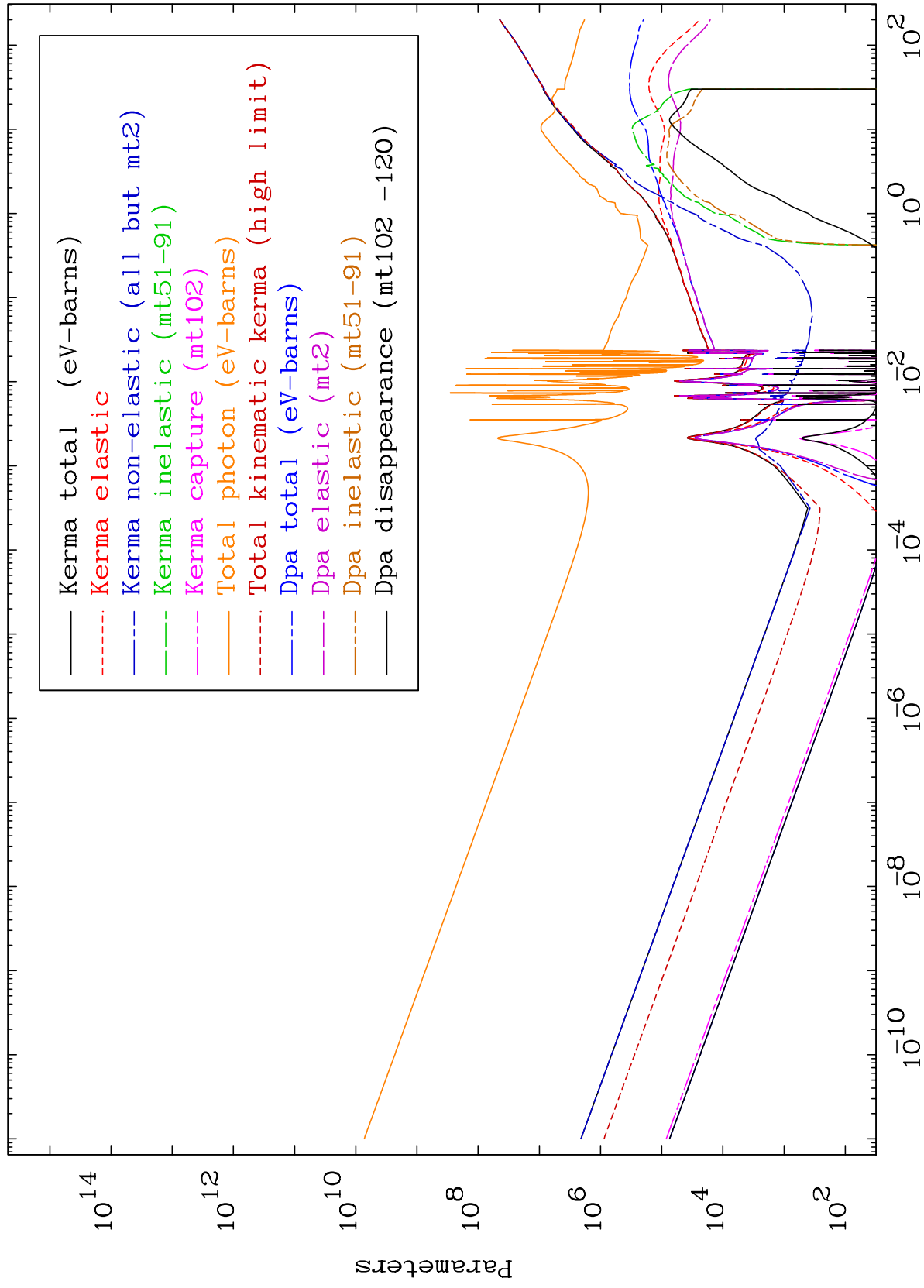
MAT 2628

(n, α) Levels
293 Kelvin Cross Sections

26-Fe-55



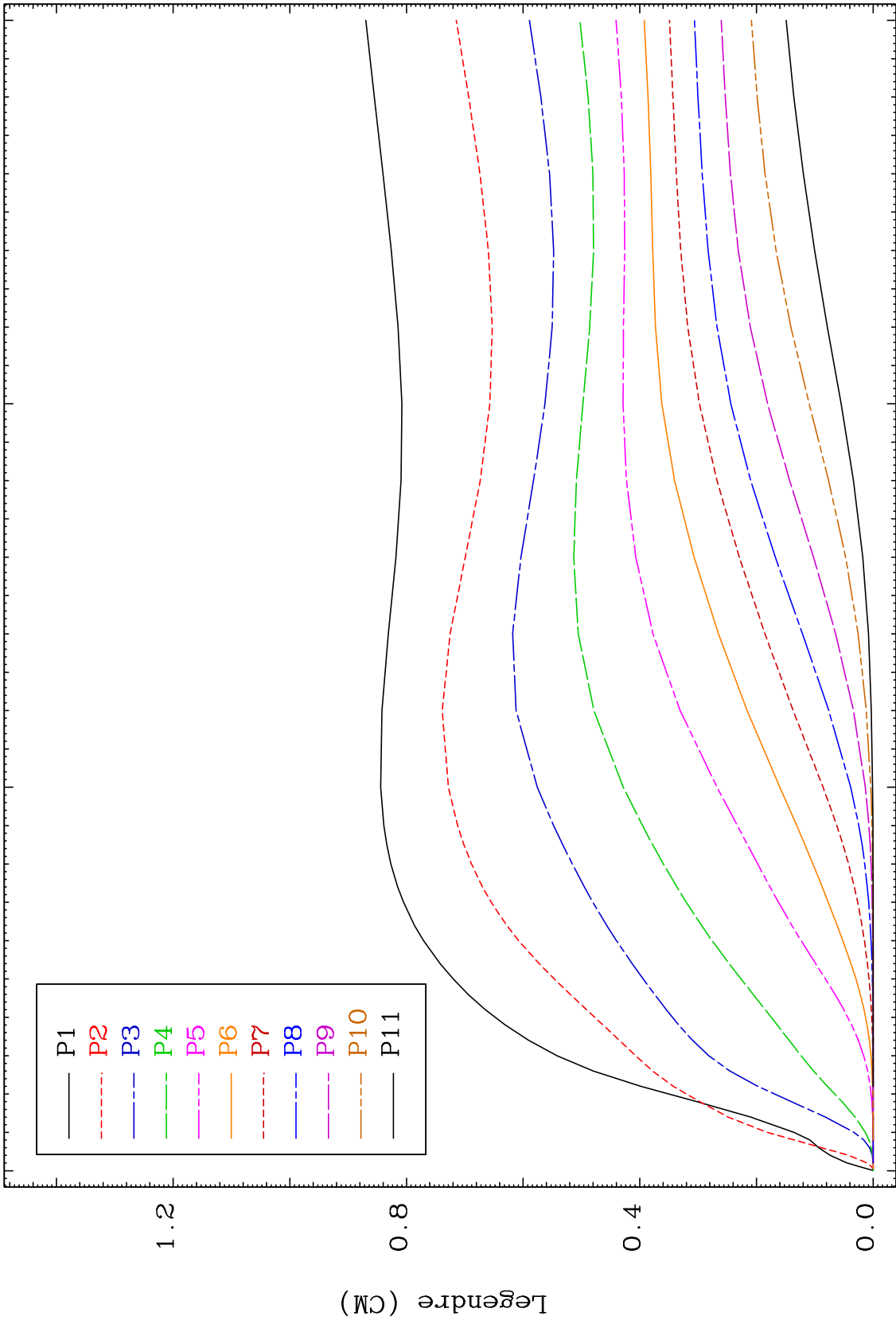
— (n, α)



MAT 2628

Elastic Legendre Coefficients

²⁶Fe-55



0

15

10

20

30

Incident Energy (MeV)

²⁶Fe-55

Legendre (CM)

1.2

0.8

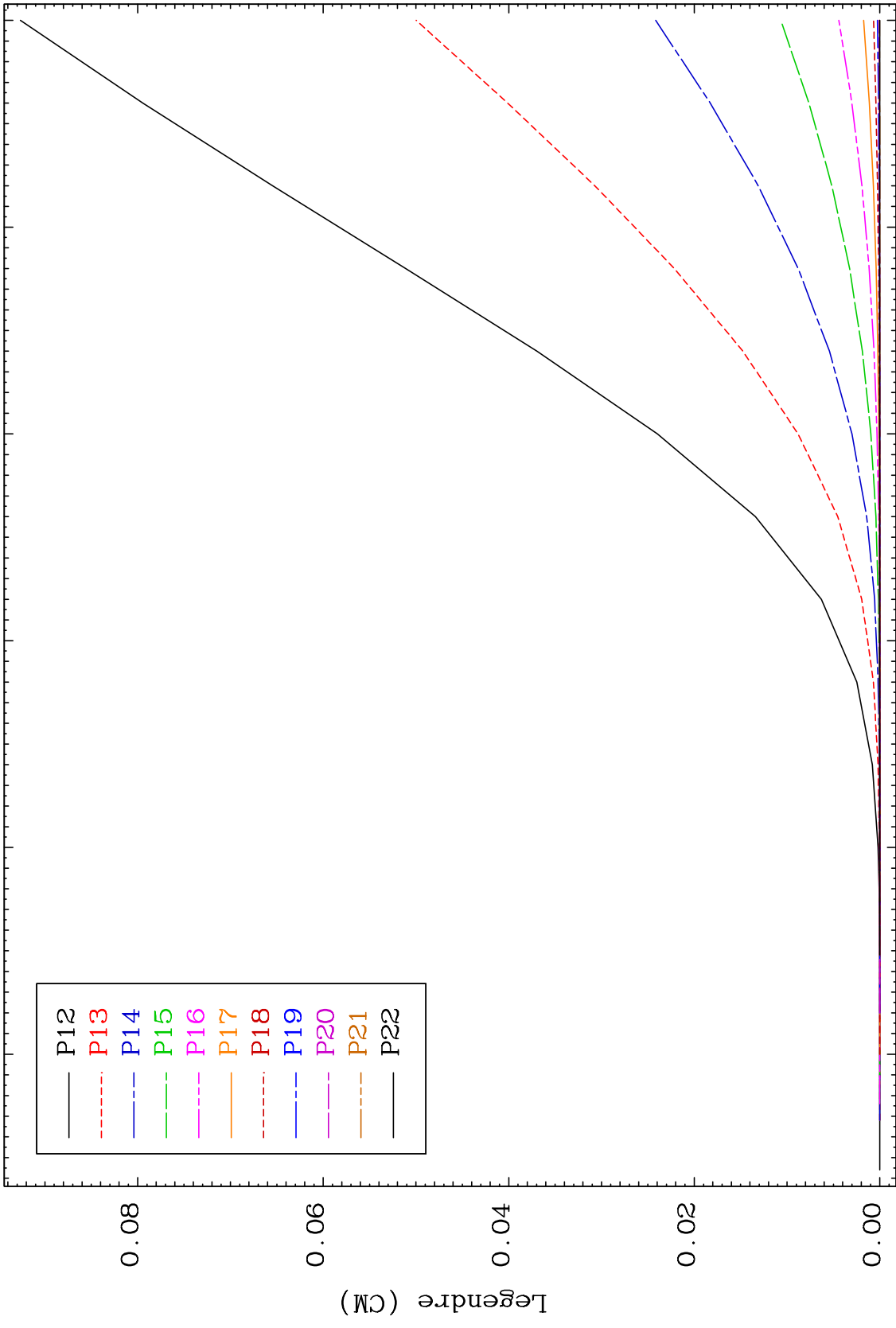
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0.0

MAT 2628

Elastic Legendre Coefficients

²⁶Fe-55



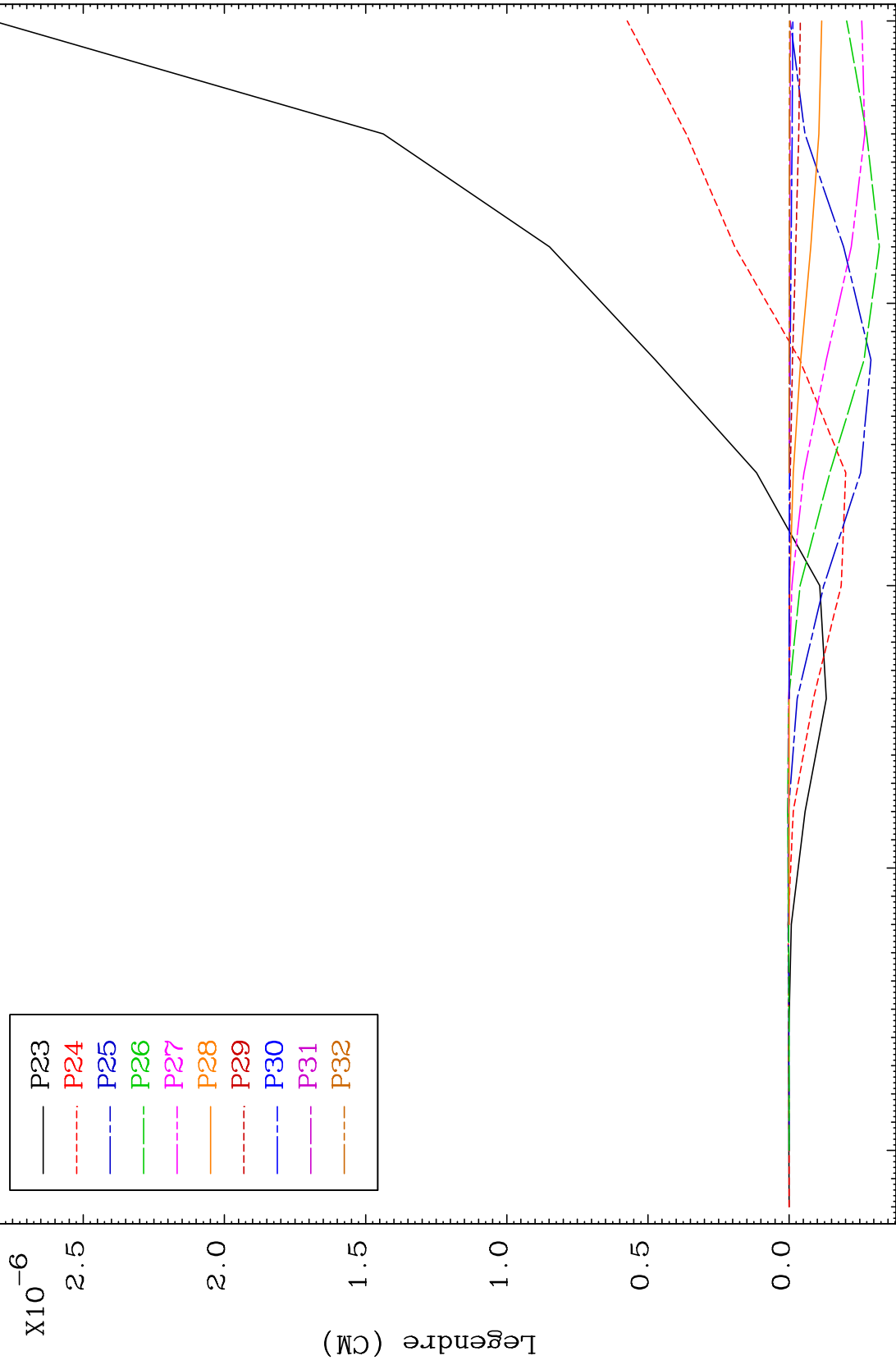
16

²⁶Fe-55

MAT 2628

Elastic Legendre Coefficients

²⁶Fe-55

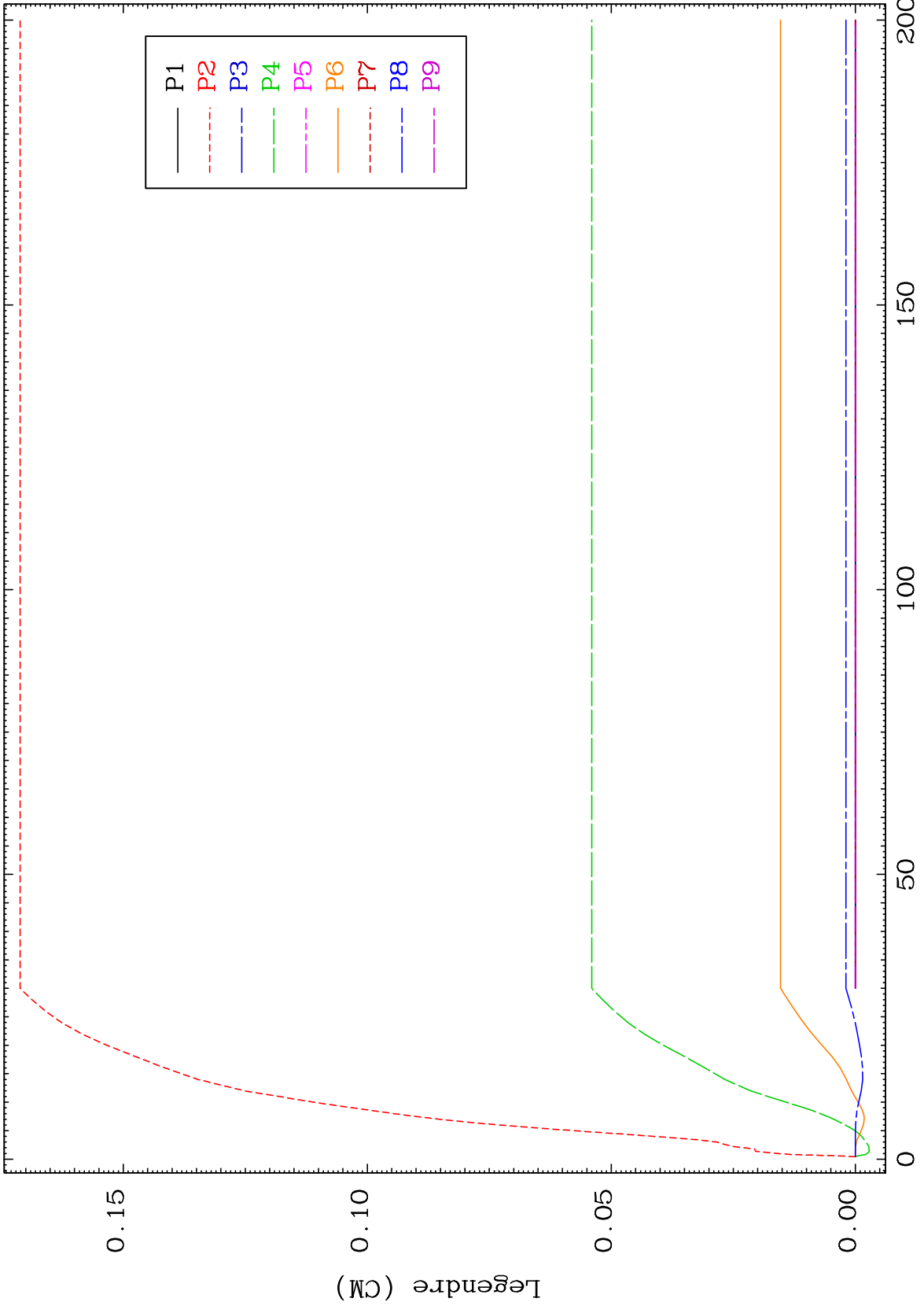


17

Incident Energy (MeV)

²⁶Fe-55

MAT 2628 MT= 51 (n,n') Level Legendre Coefficients 26-Fe-55

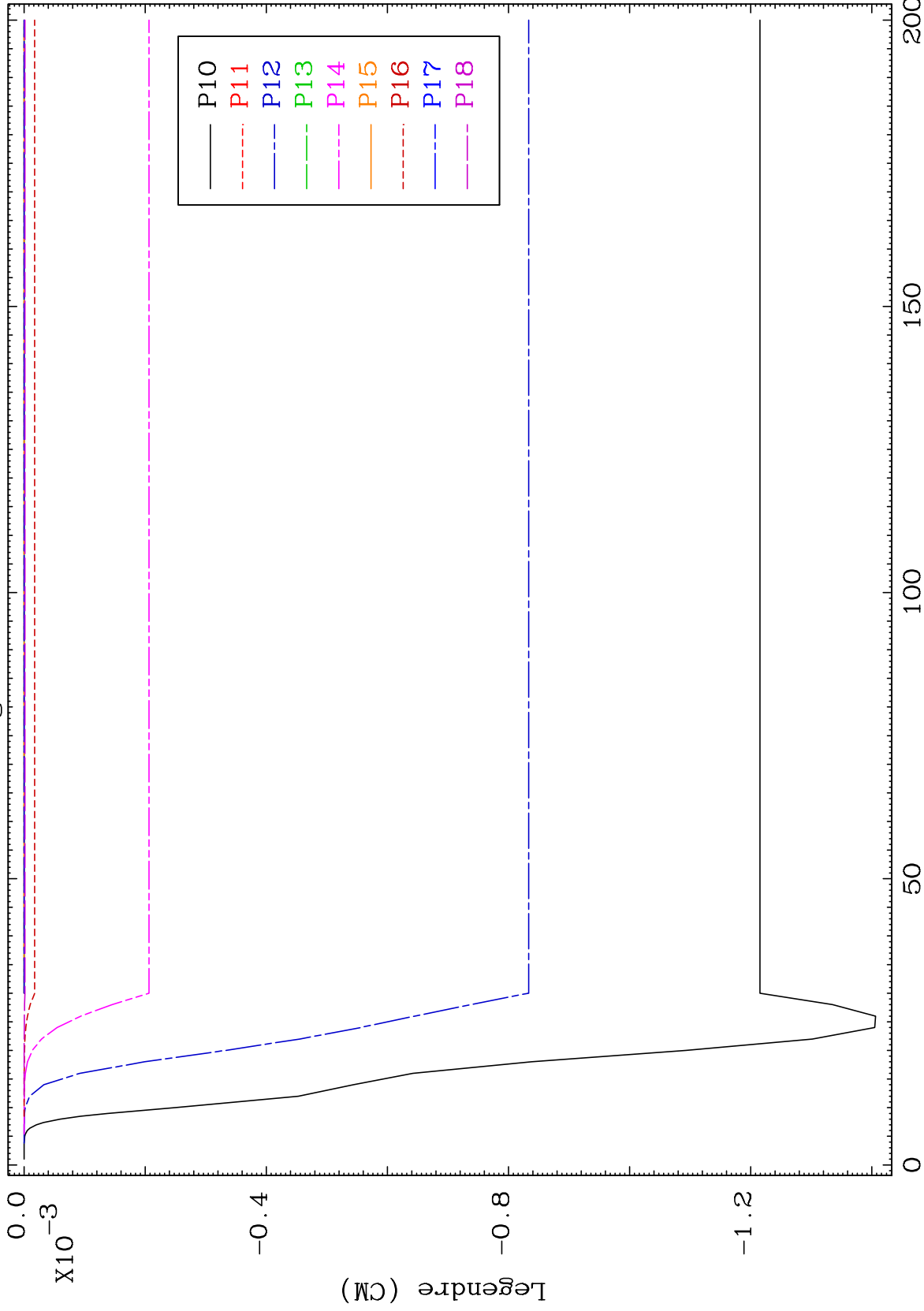


18 Incident Energy (MeV) 26-Fe-55

MAT 2628

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

26-Fe-55

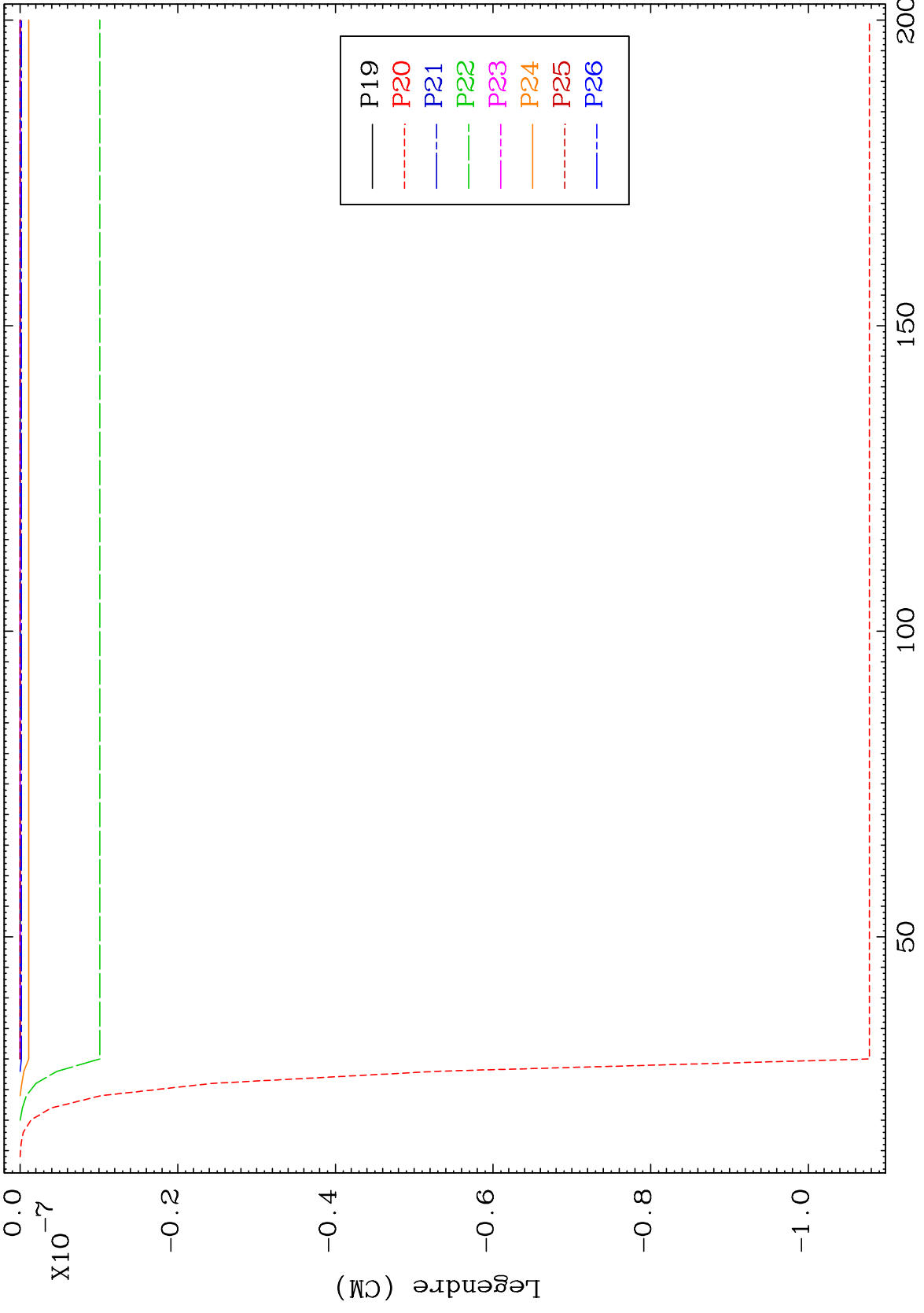


26-Fe-55

Incident Energy (MeV)

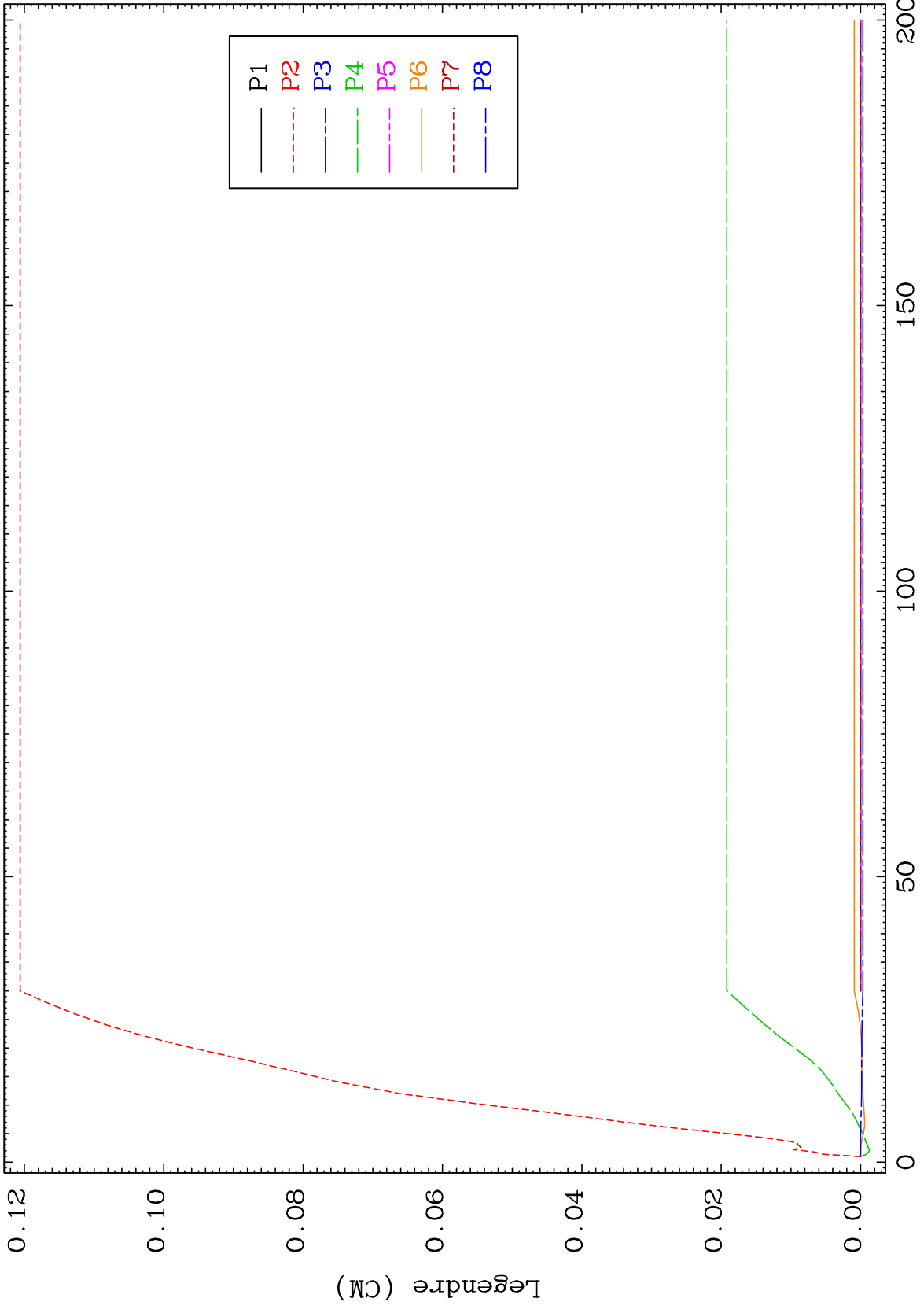
19

MAT 2628 MT= 51 (n,n') Level Legendre Coefficients 26-Fe-55



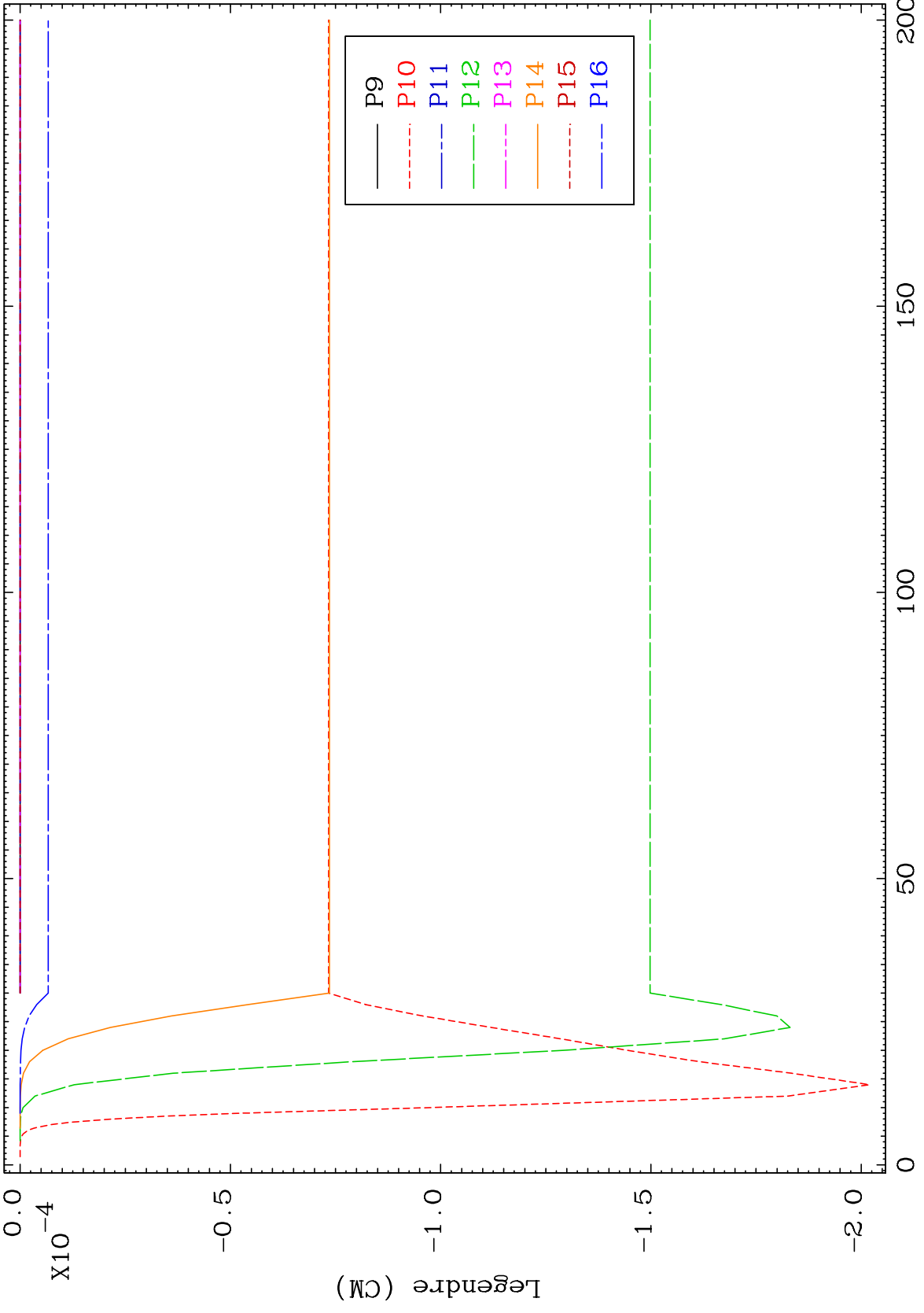
26-Fe-55

MAT 2628 MT= 52 (n,n') Level Legendre Coefficients 26-Fe-55



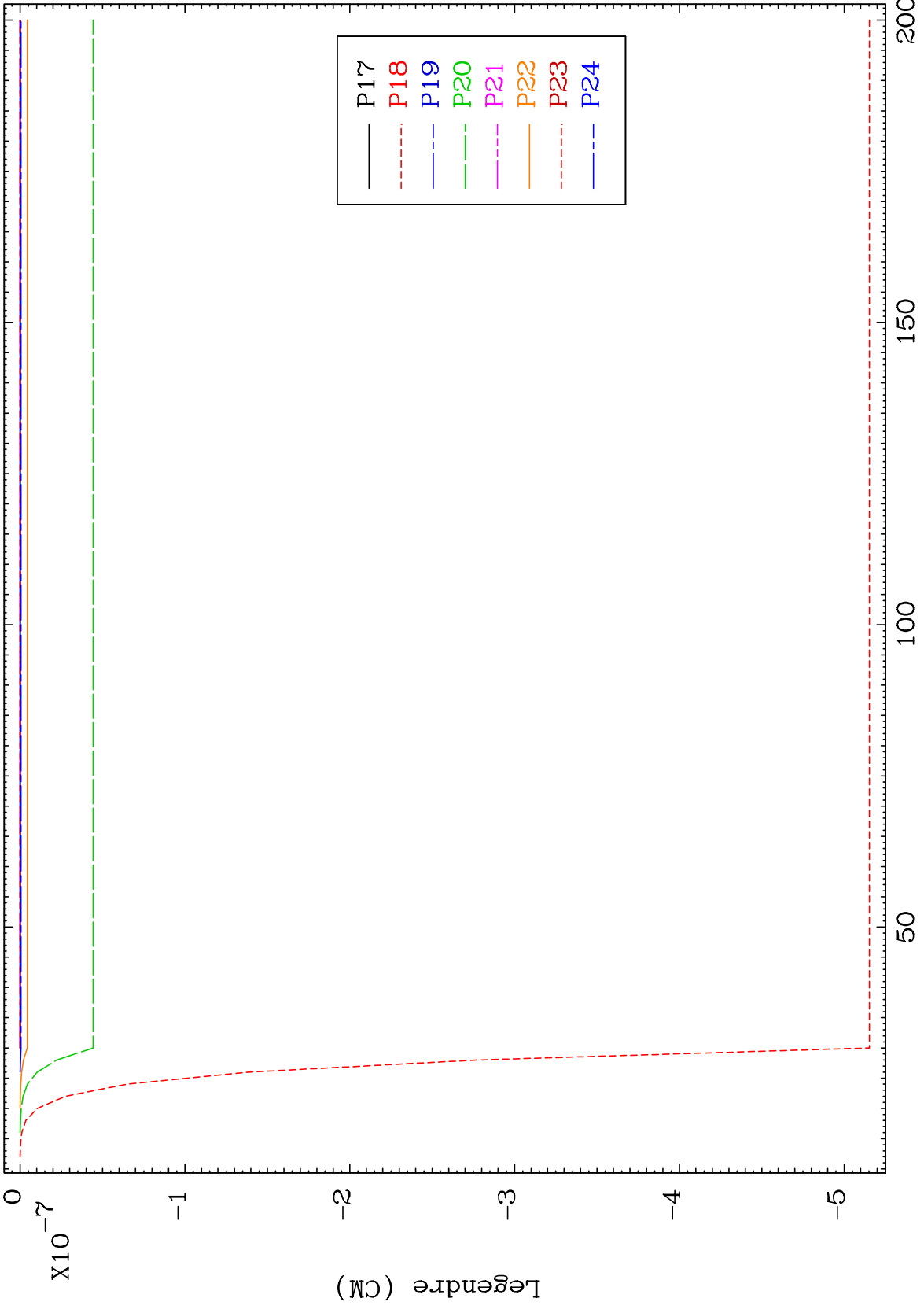
21 26-Fe-55

MAT 2628 MT= 52 (n,n') Level Legendre Coefficients 26-Fe-55



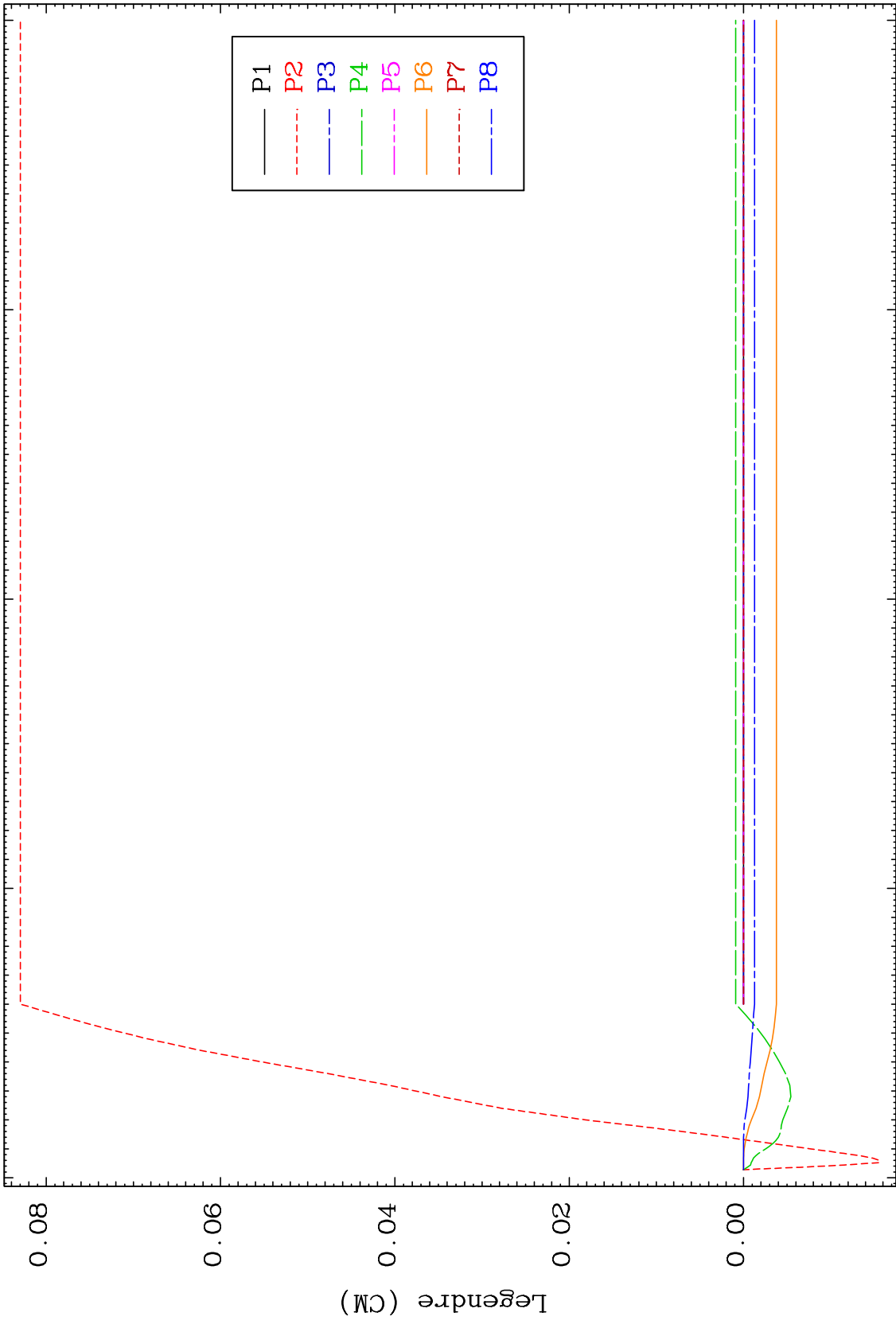
22 Incident Energy (MeV) 26-Fe-55

MAT 2628 MT= 52 (n,n') Level Legendre Coefficients 26-Fe-55



23 26-Fe-55

MAT 2628 MT= 53 (n,n') Level Legendre Coefficients 26-Fe-55

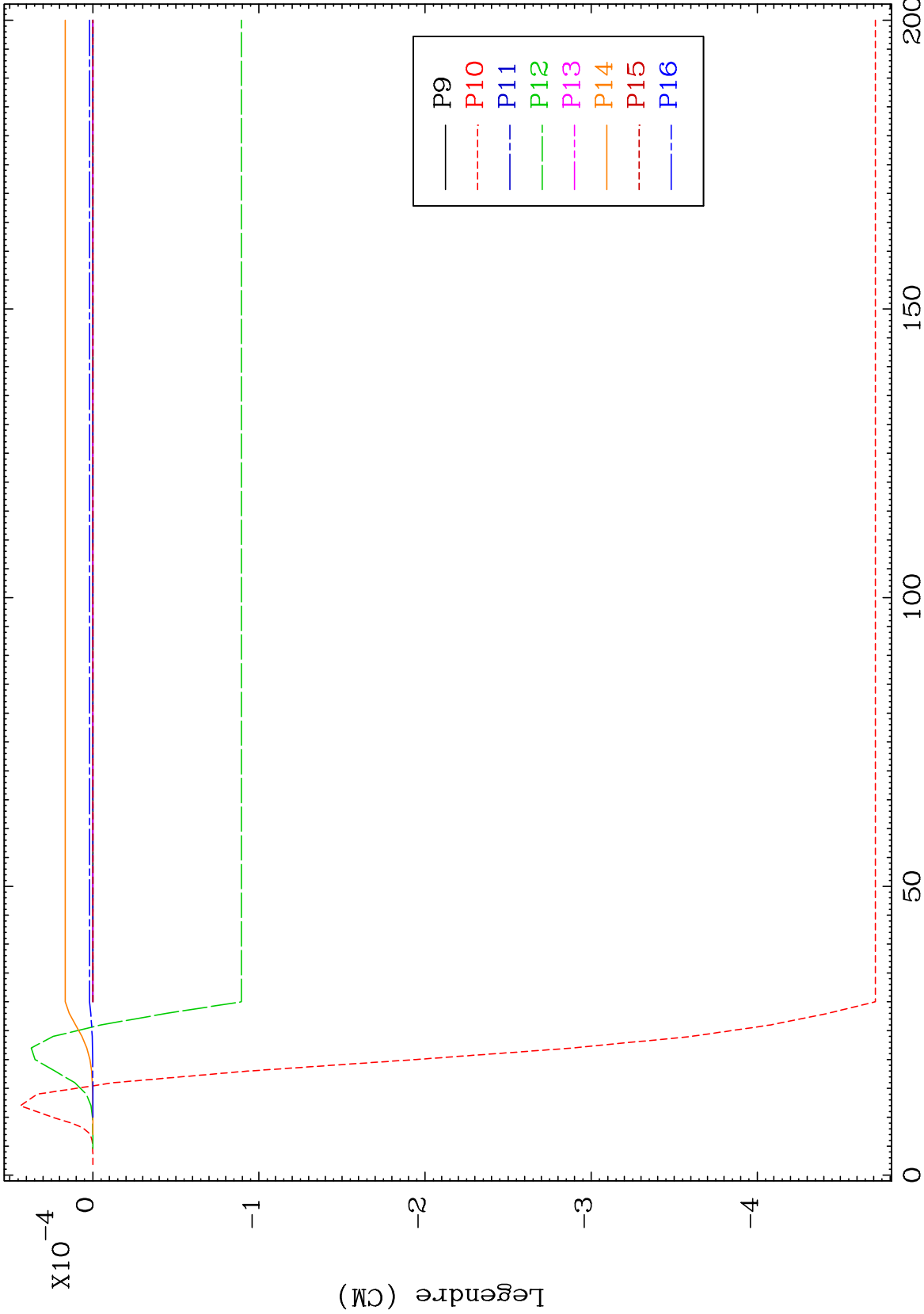


24 Incident Energy (MeV) 26-Fe-55

MAT 2628

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

26-Fe-55

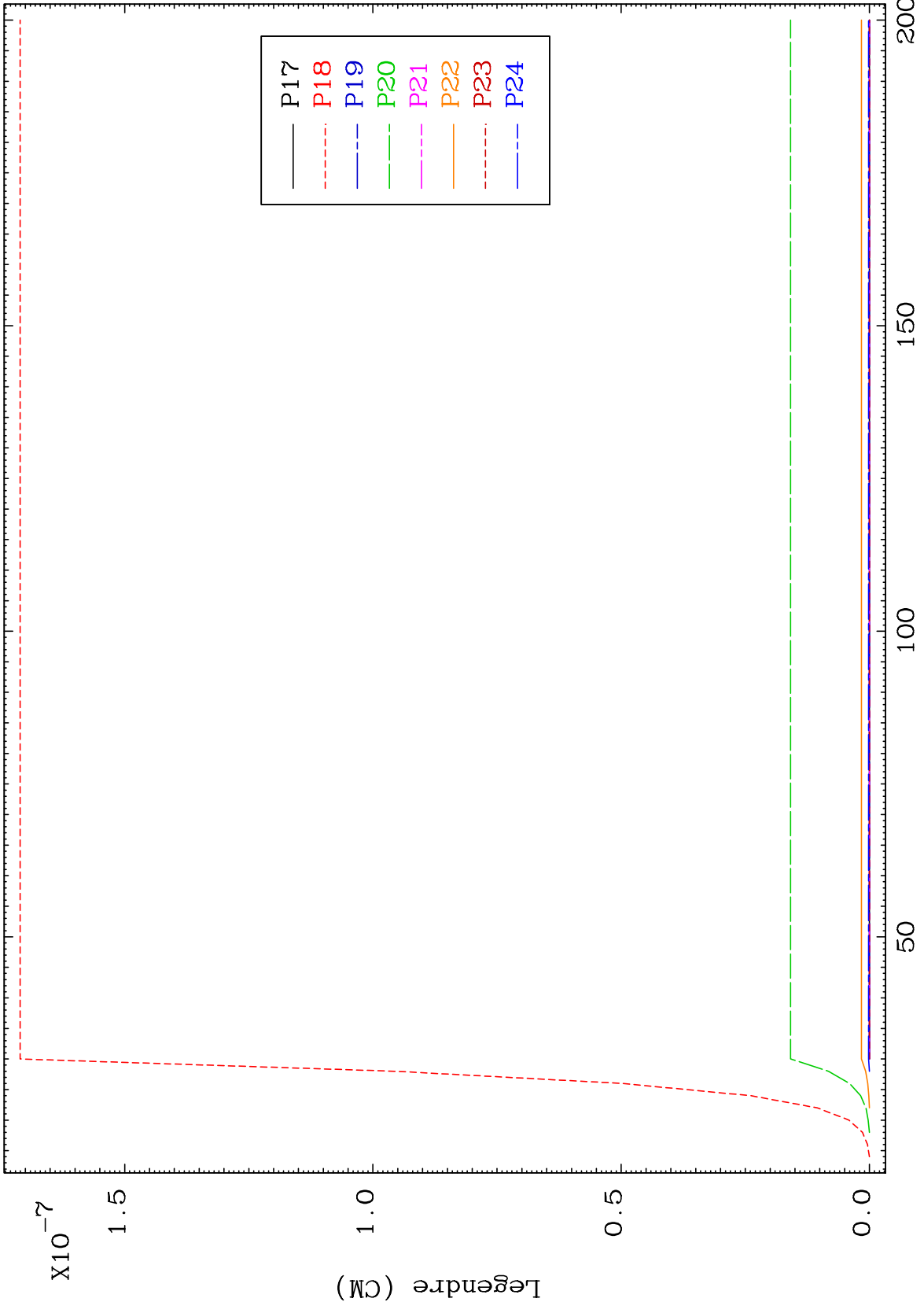


25

Incident Energy (MeV)

26-Fe-55

MAT 2628 MT= 53 (n,n') Level Legendre Coefficients 26-Fe-55



26

50

100

150

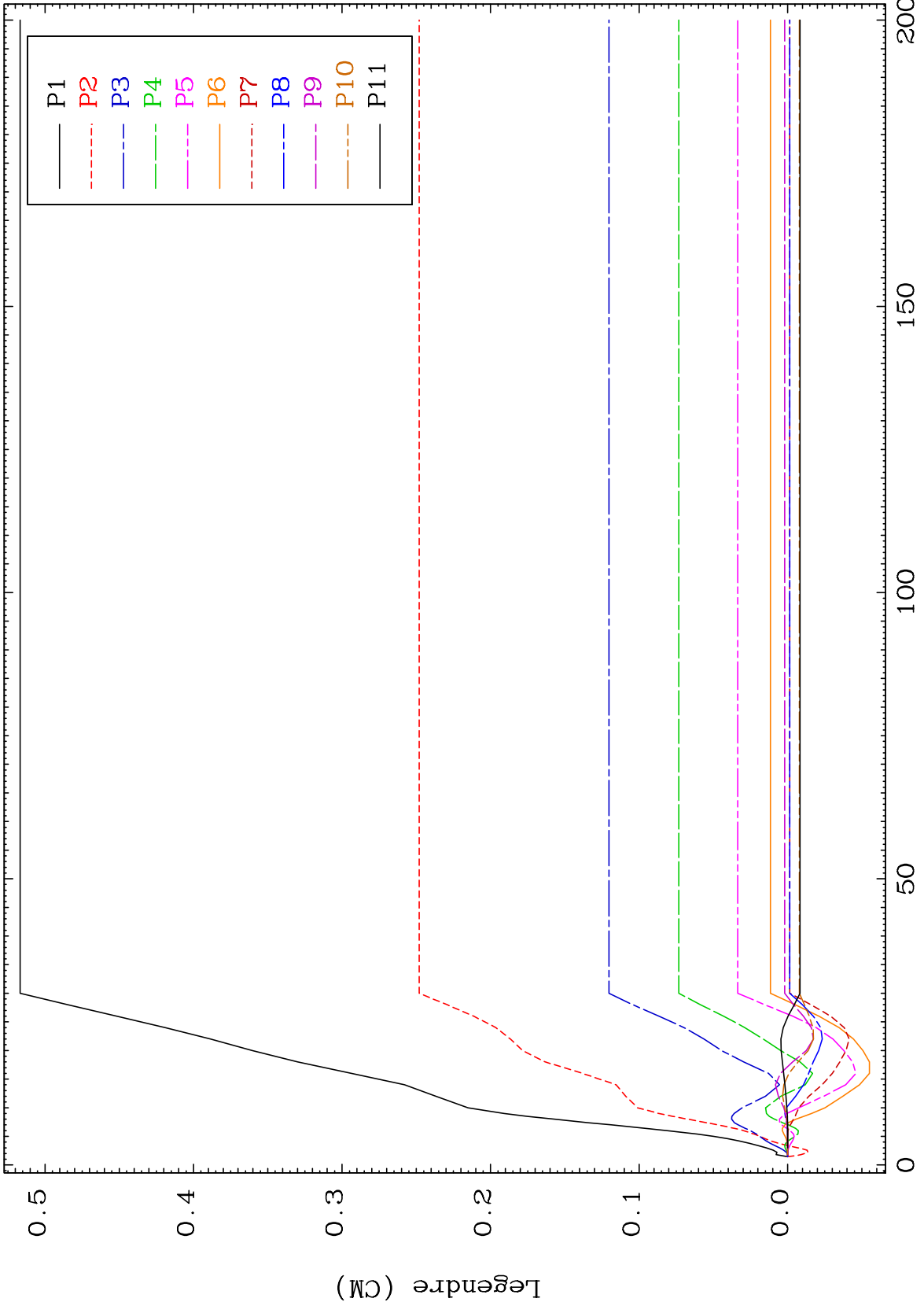
200

26-Fe-55

MAT 2628

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

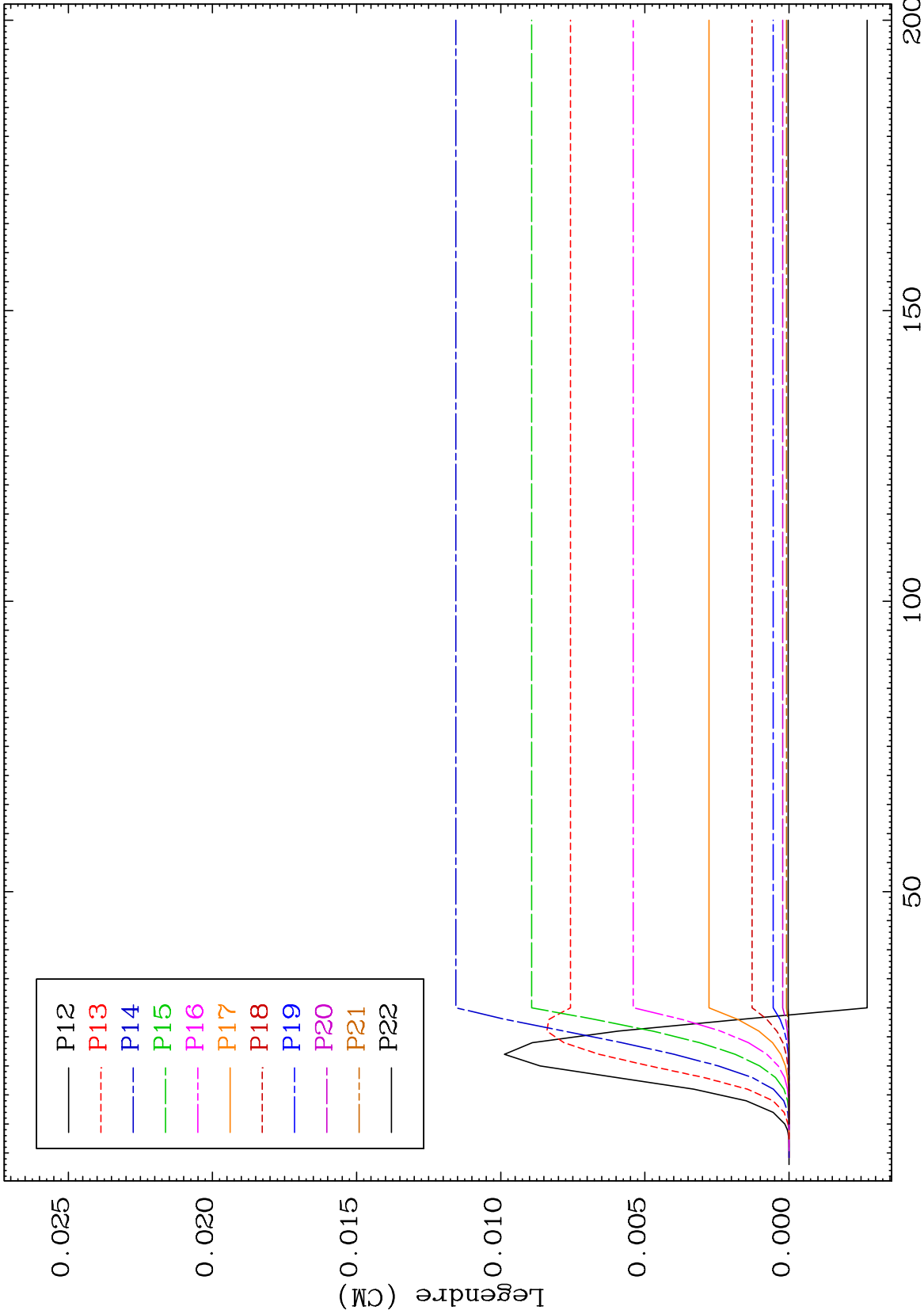
26-Fe-55



27

Incident Energy (MeV)

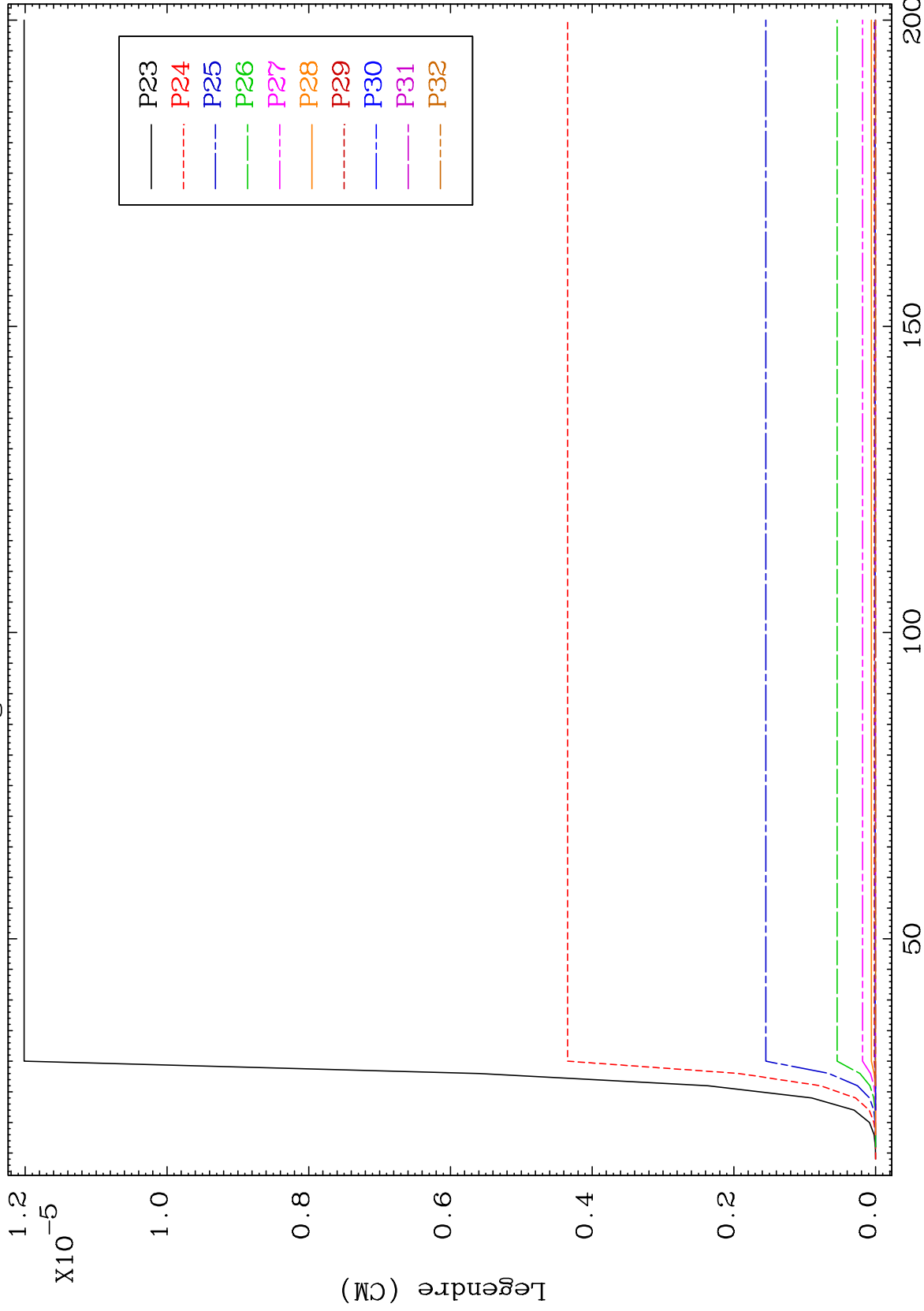
26-Fe-55



MAT 2628

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

26-Fe-55

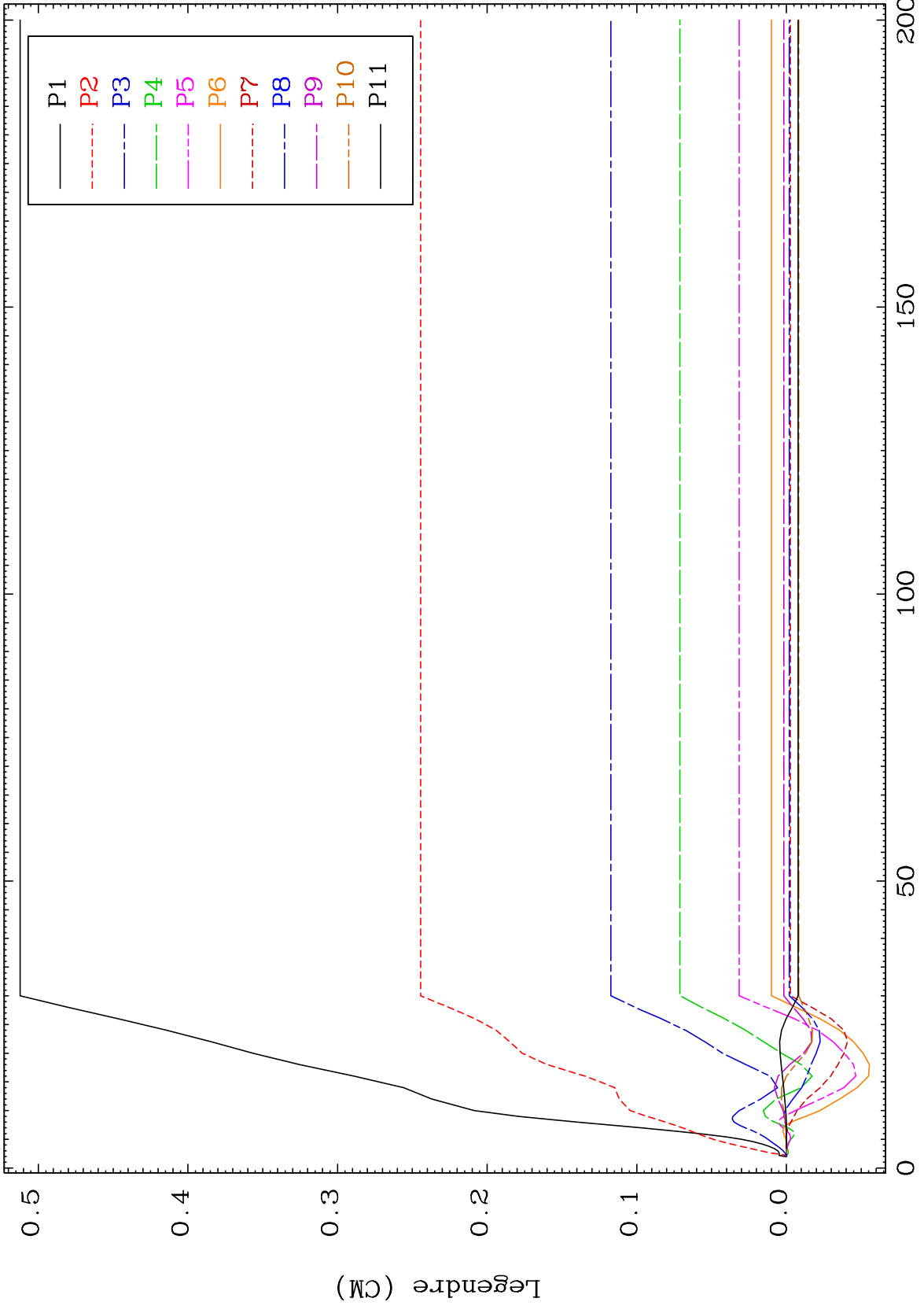


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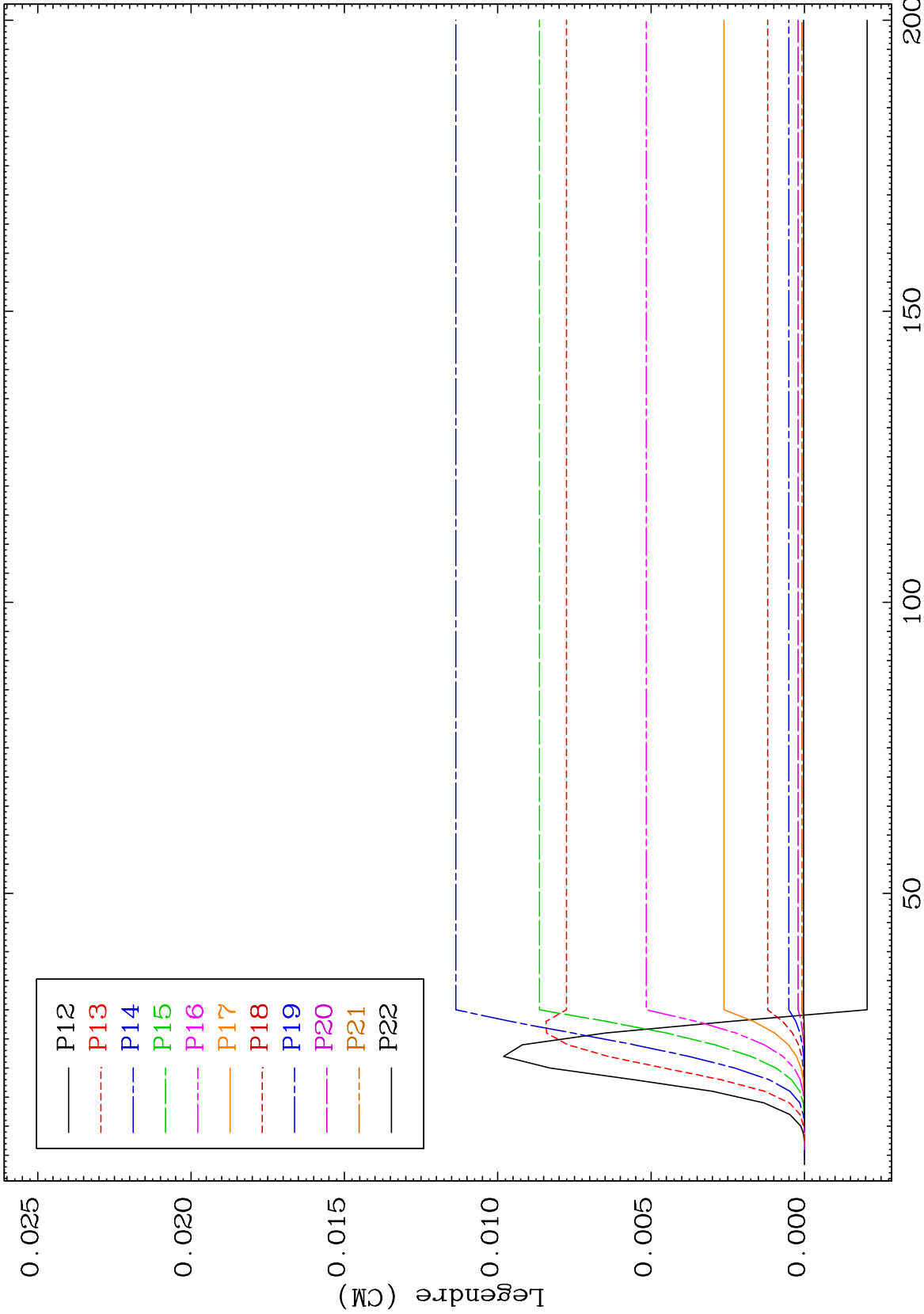
Incident Energy (MeV)

26-Fe-55

MAT 2628 MT= 55 (n,n') Level Legendre Coefficients 26-Fe-55



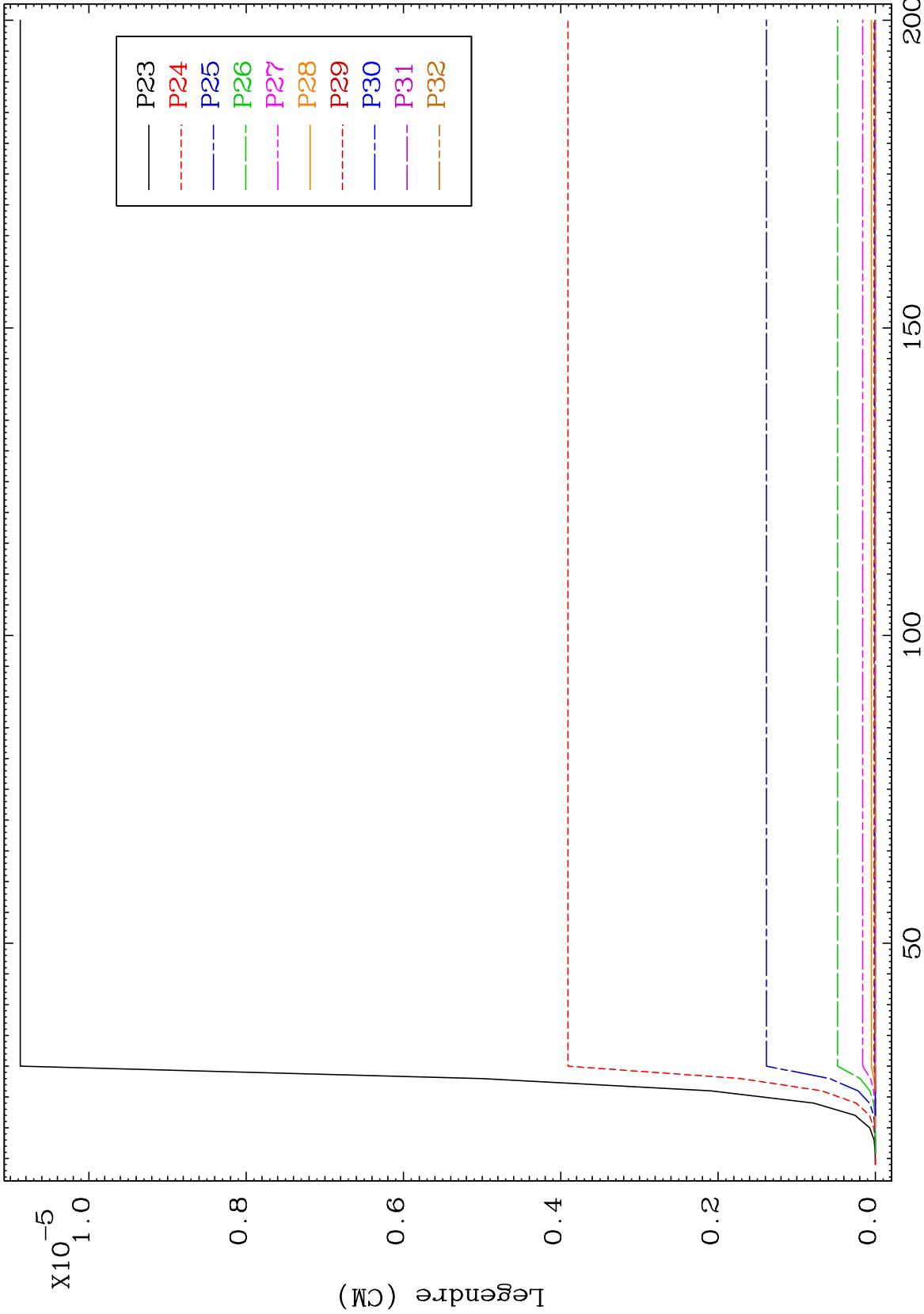
26-Fe-55



MAT 2628

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

26-Fe-55

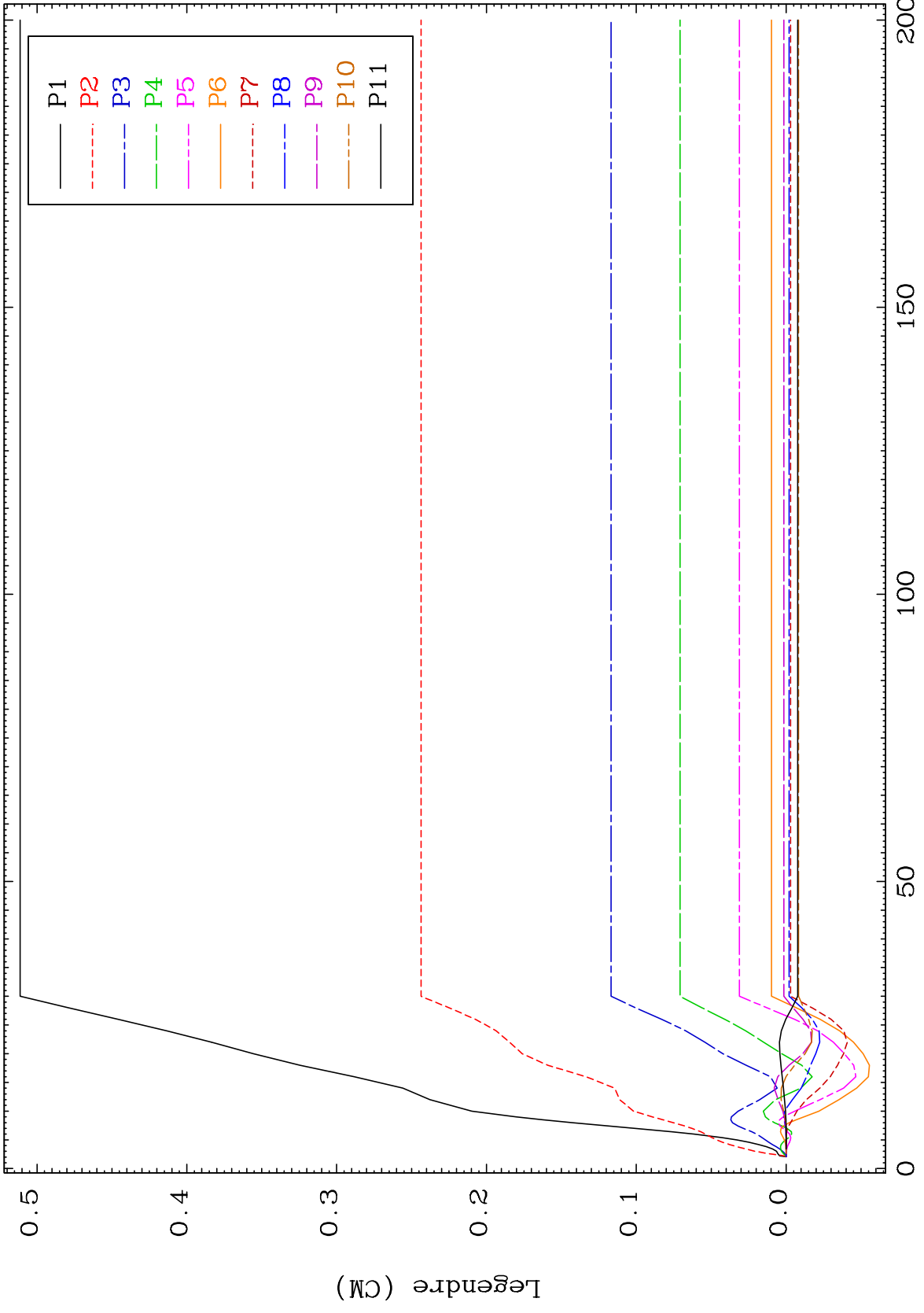


32

Incident Energy (MeV)

26-Fe-55

MAT 2628 MT= 56 (n,n') Level Legendre Coefficients 26-Fe-55

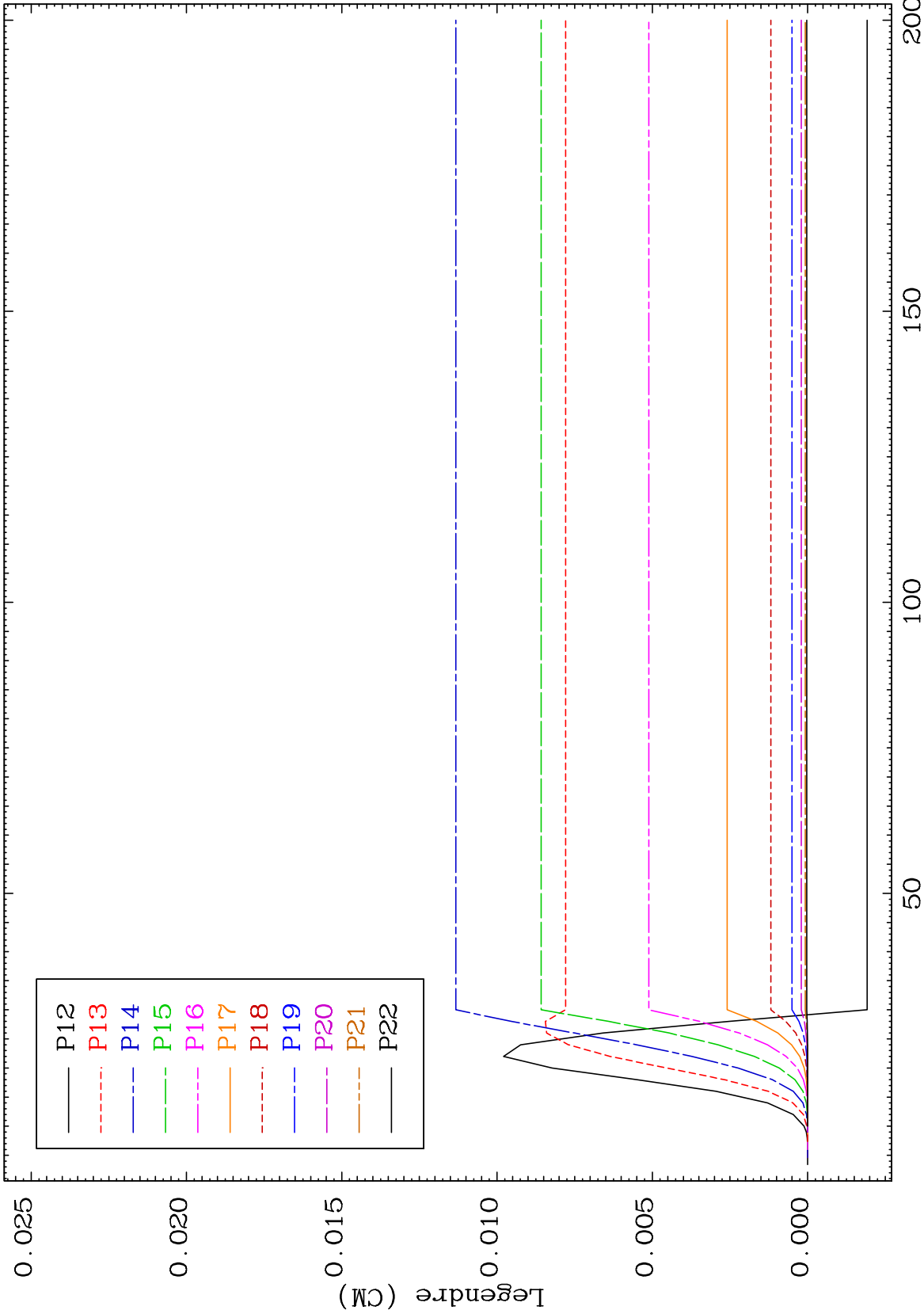


33 26-Fe-55

MAT 2628

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

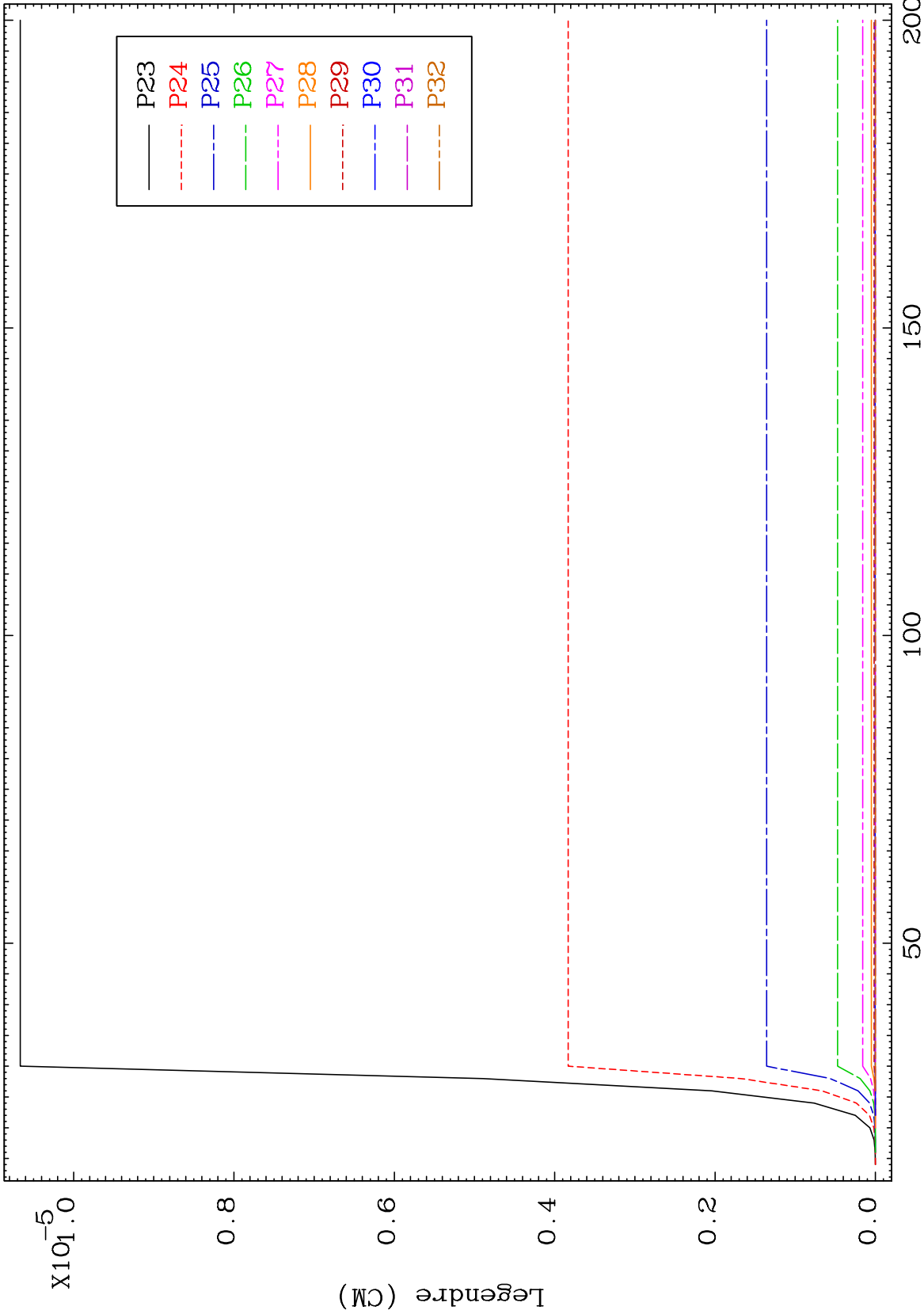
²⁶Fe-55



MAT 2628

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

26-Fe-55

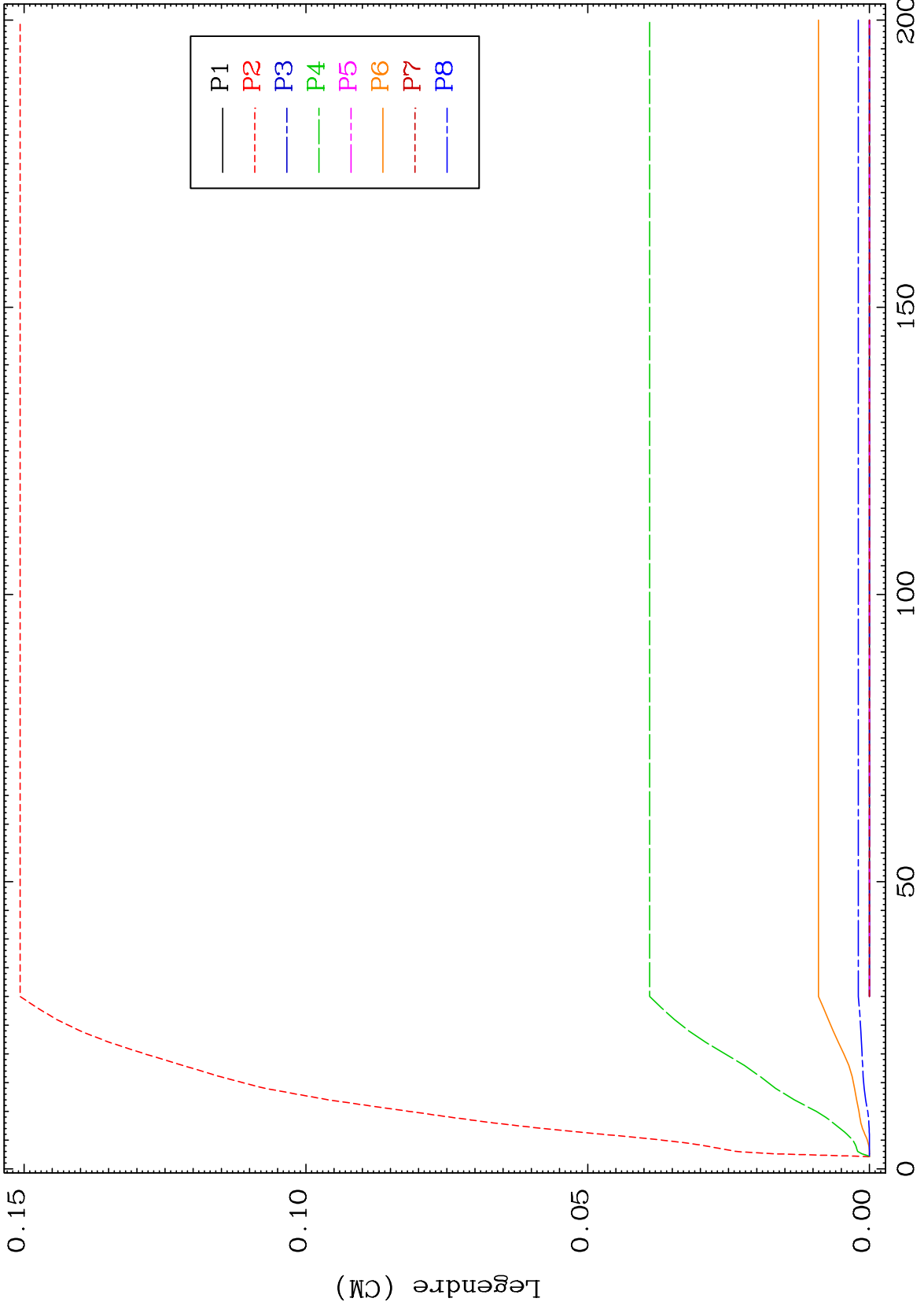


35

Incident Energy (MeV)

26-Fe-55

MAT 2628 MT= 57 (n,n') Level Legendre Coefficients 26-Fe-55

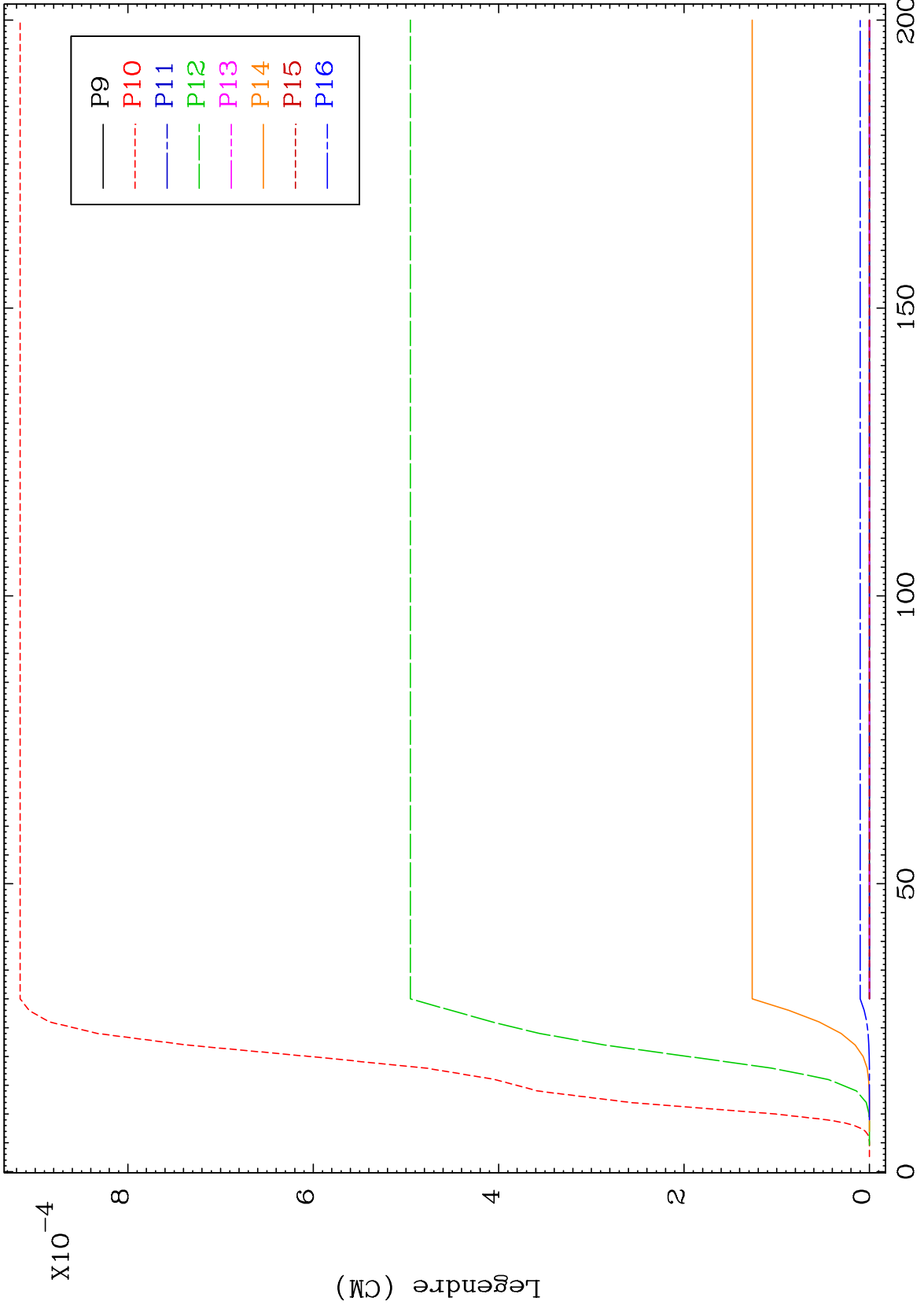


36 Incident Energy (MeV) 26-Fe-55

MAT 2628

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

26-Fe-55

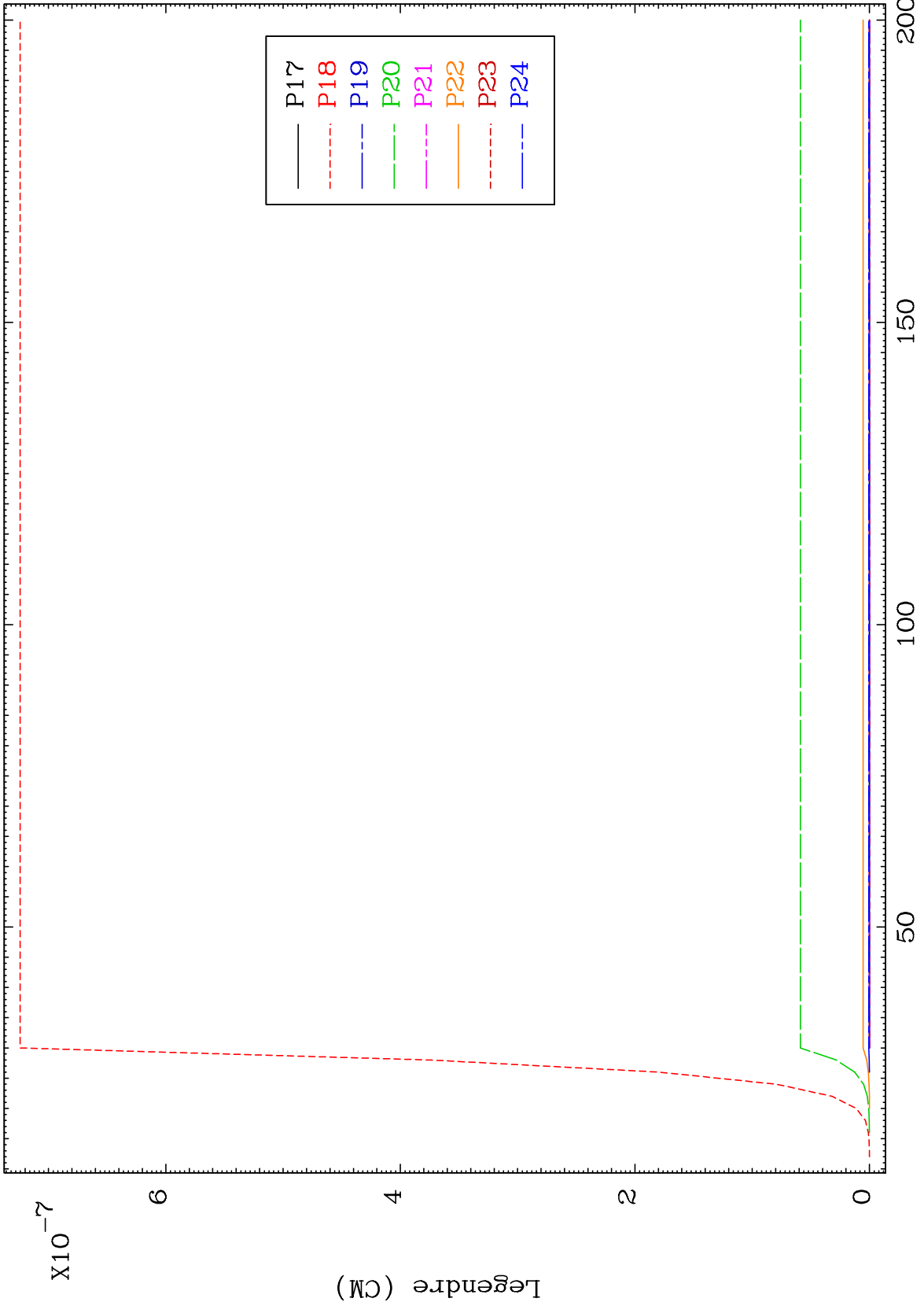


37

Incident Energy (MeV)

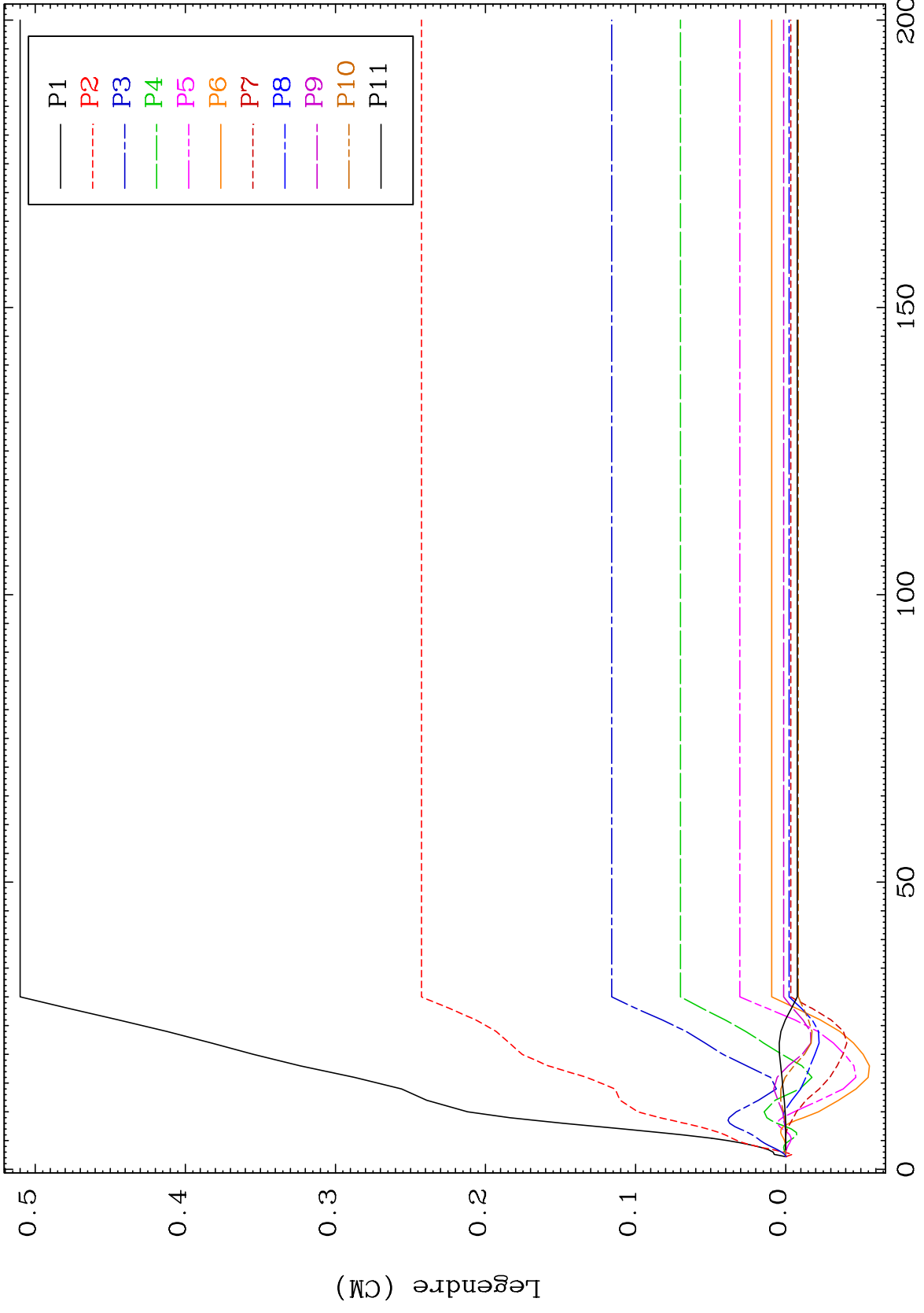
26-Fe-55

MAT 2628 MT= 57 (n,n') Level Legendre Coefficients 26-Fe-55



38 Incident Energy (MeV) 200 26-Fe-55

MAT 2628 MT= 58 (n,n') Level Legendre Coefficients 26-Fe-55

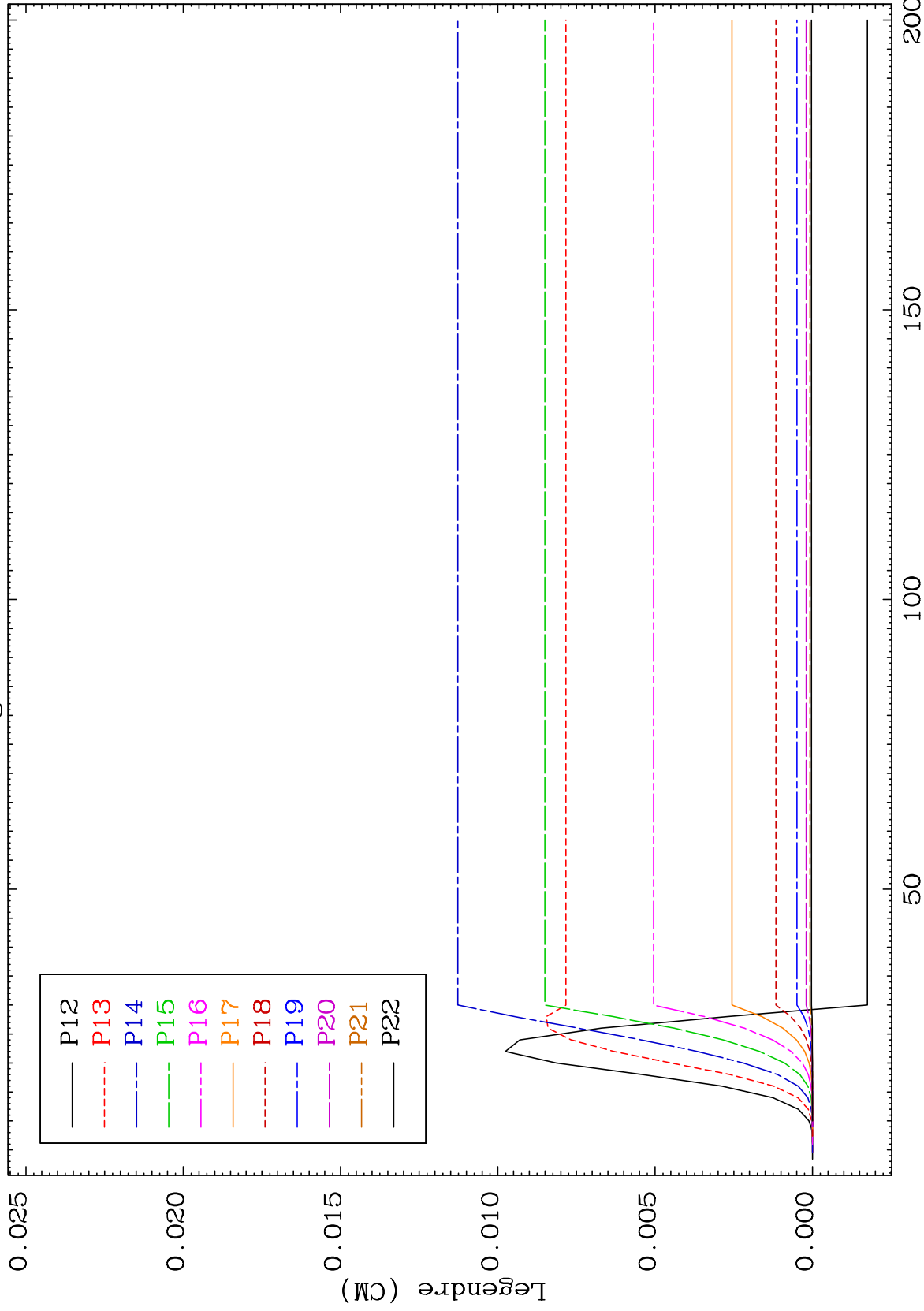


39 26-Fe-55

MAT 2628

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

²⁶Fe-55



40

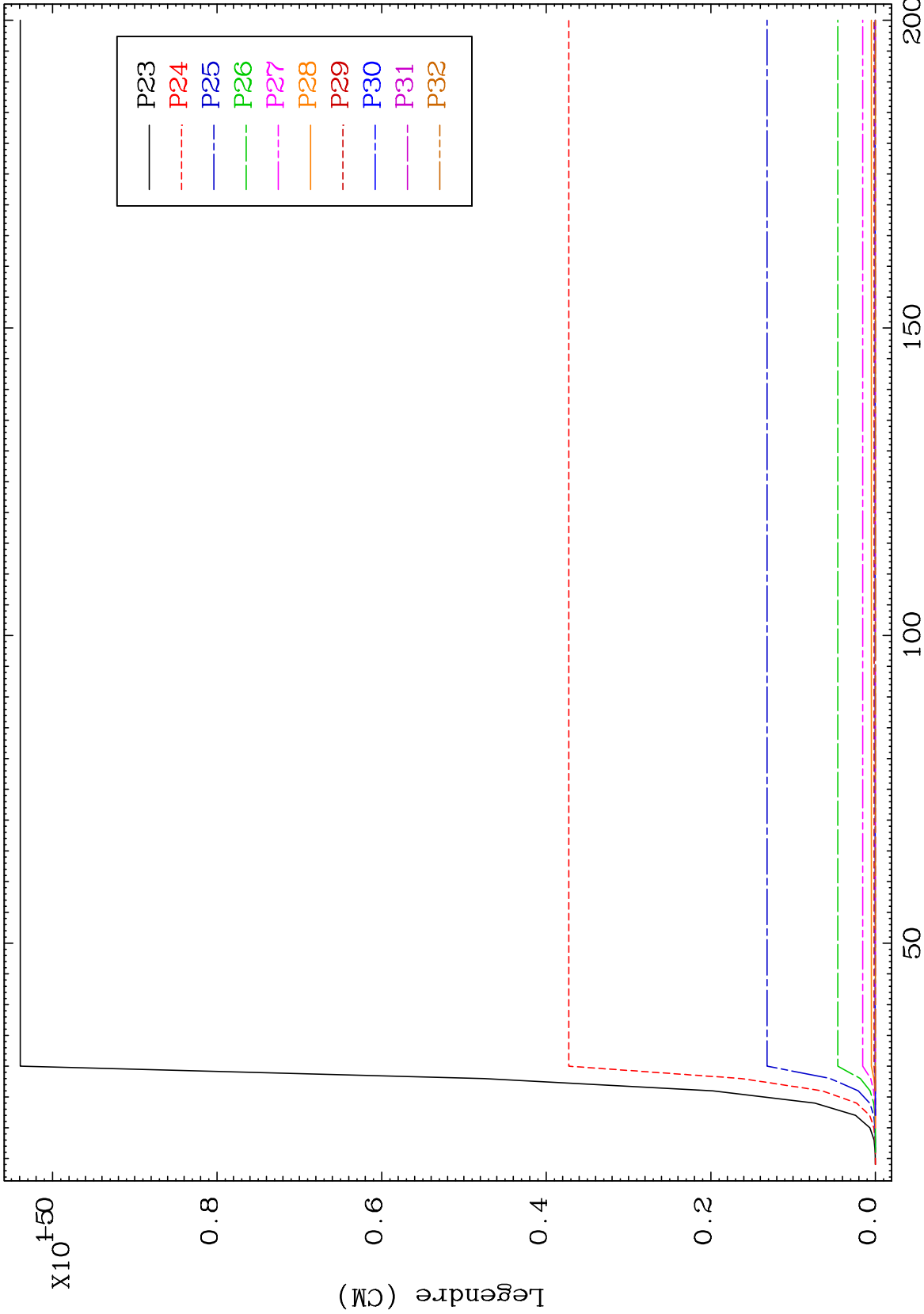
Incident Energy (MeV)

²⁶Fe-55

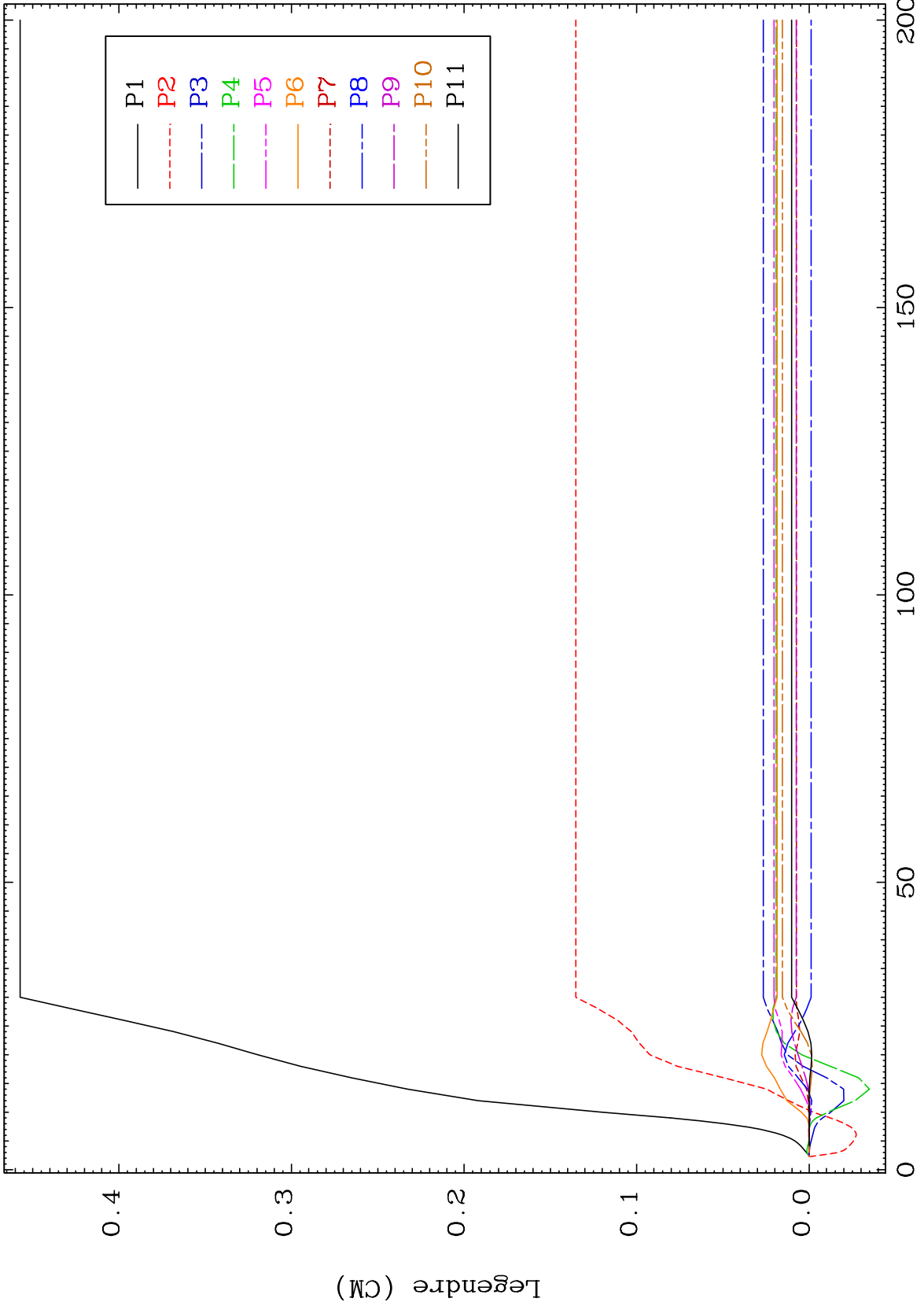
MAT 2628

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

26-Fe-55



MAT 2628 MT= 59 (n,n') Level Legendre Coefficients 26-Fe-55

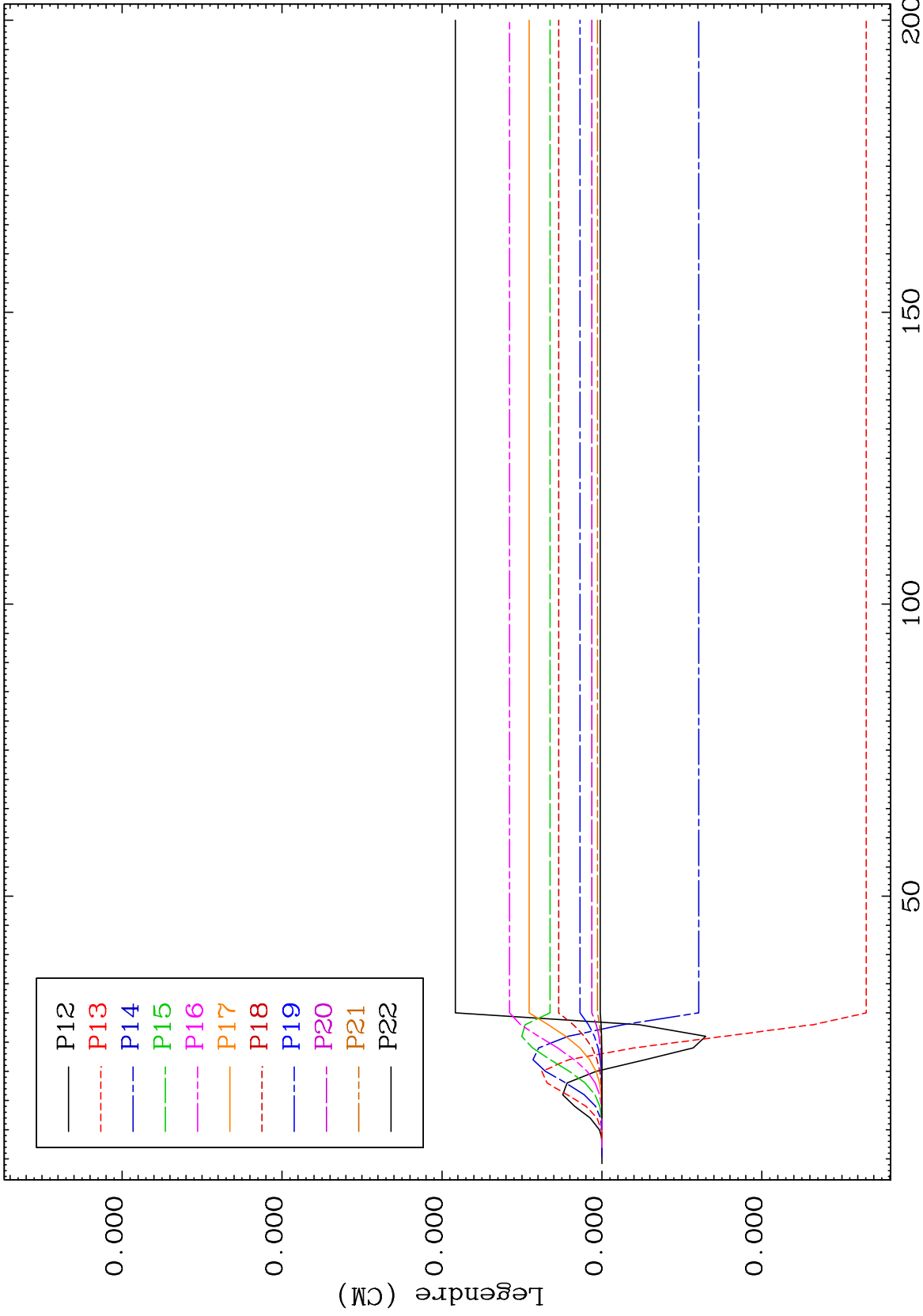


42 Incident Energy (MeV) 26-Fe-55

MAT 2628

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

26-Fe-55



43

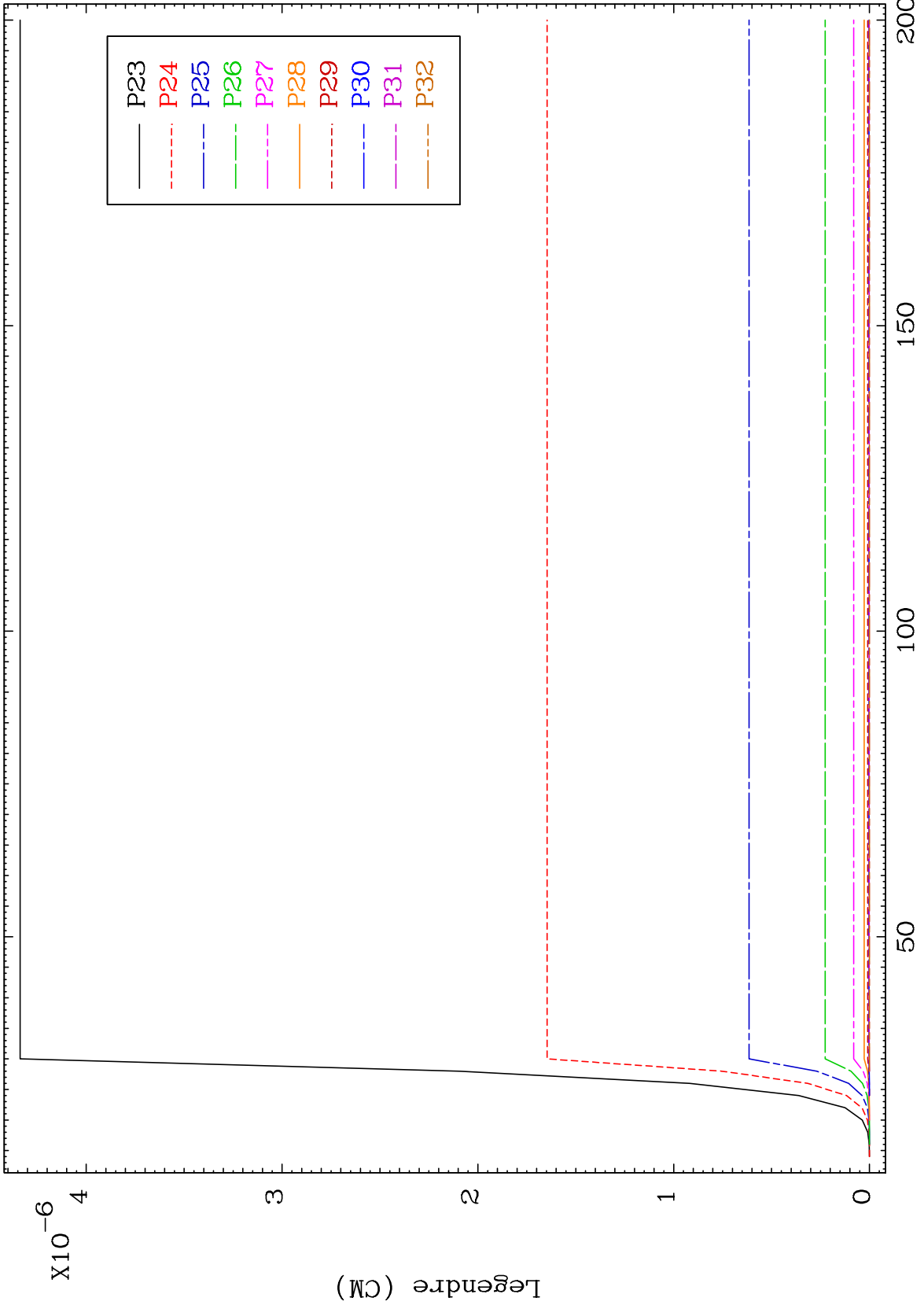
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



44

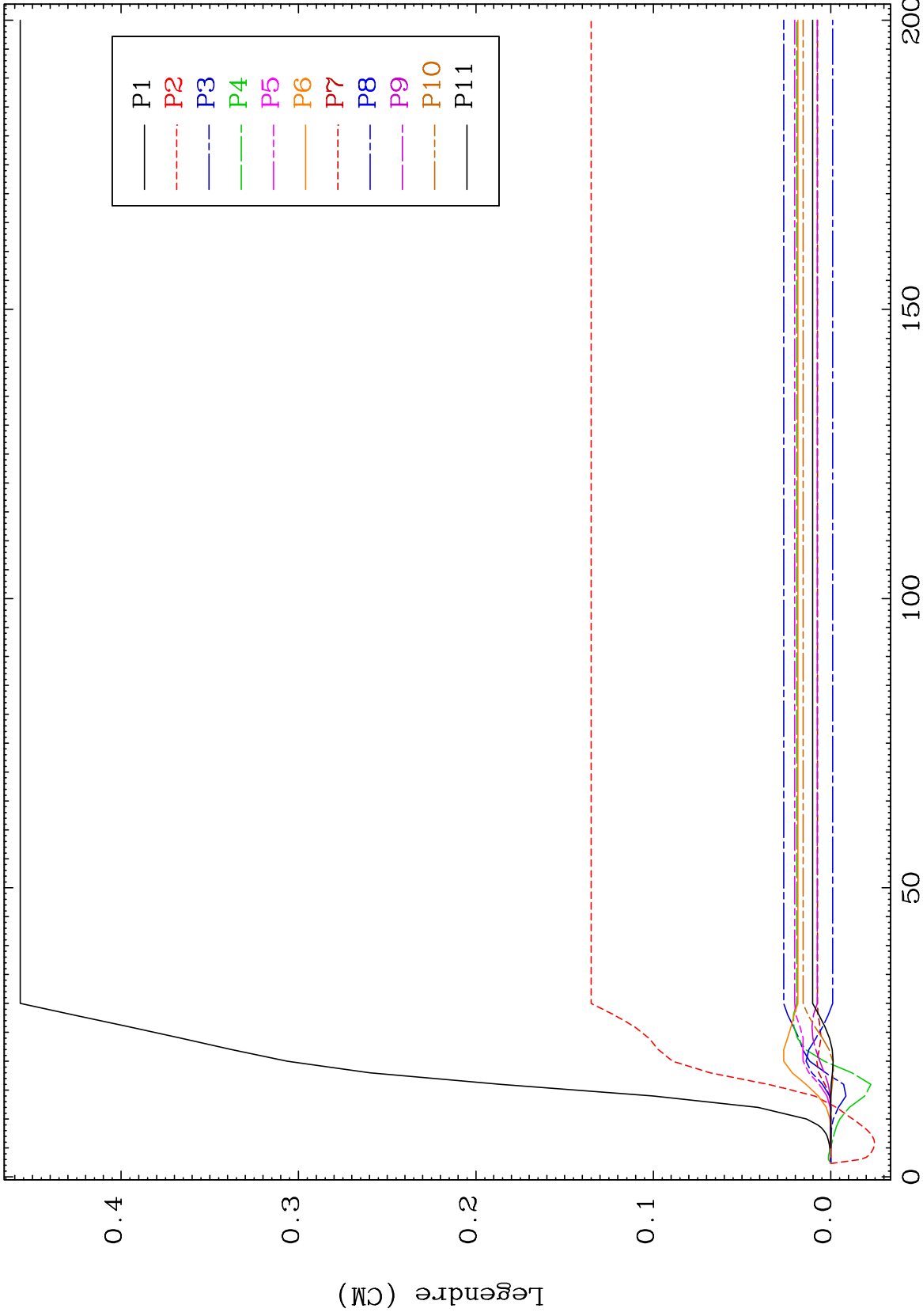
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

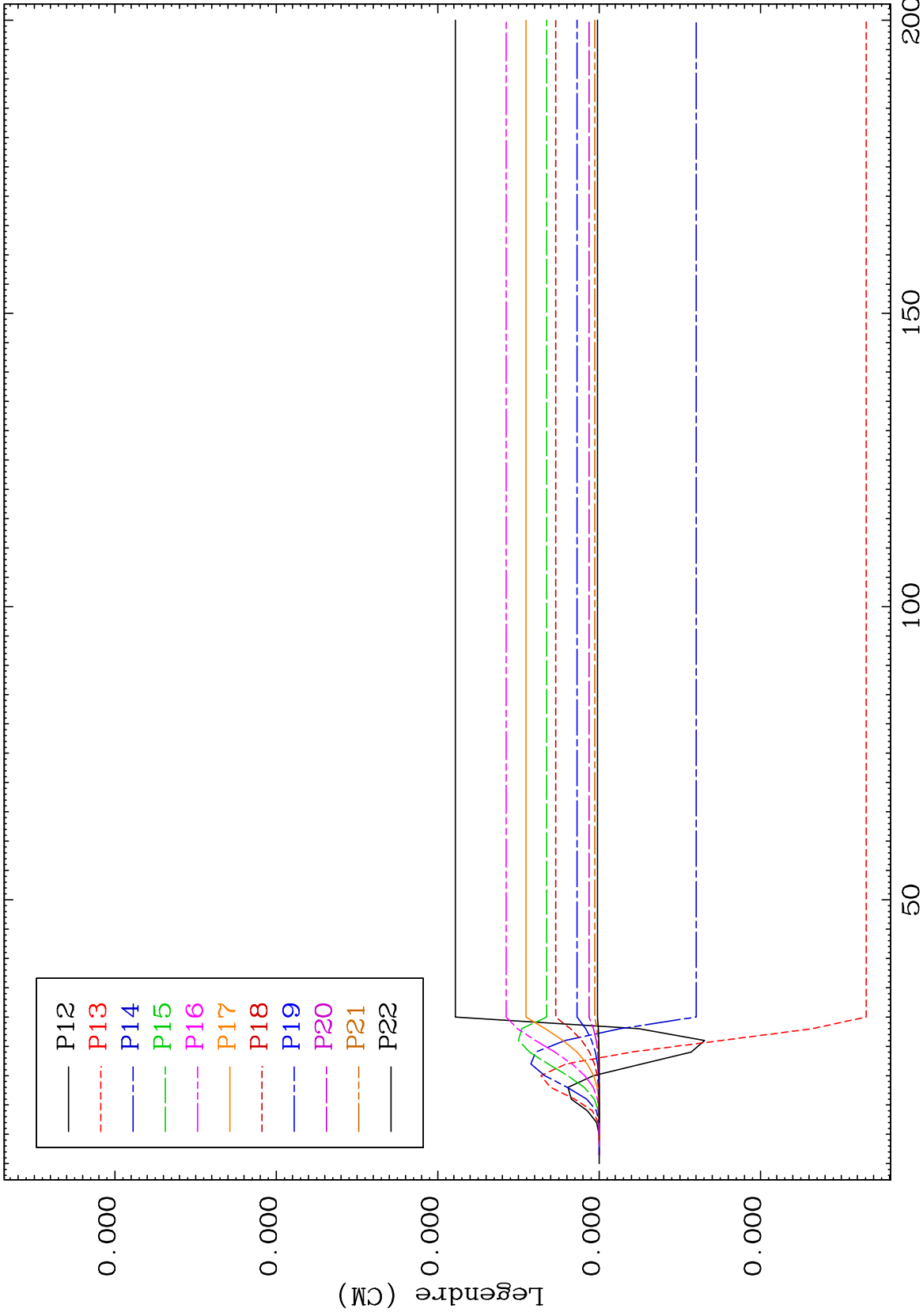
26-Fe-55



MAT 2628

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

26-Fe-55



46

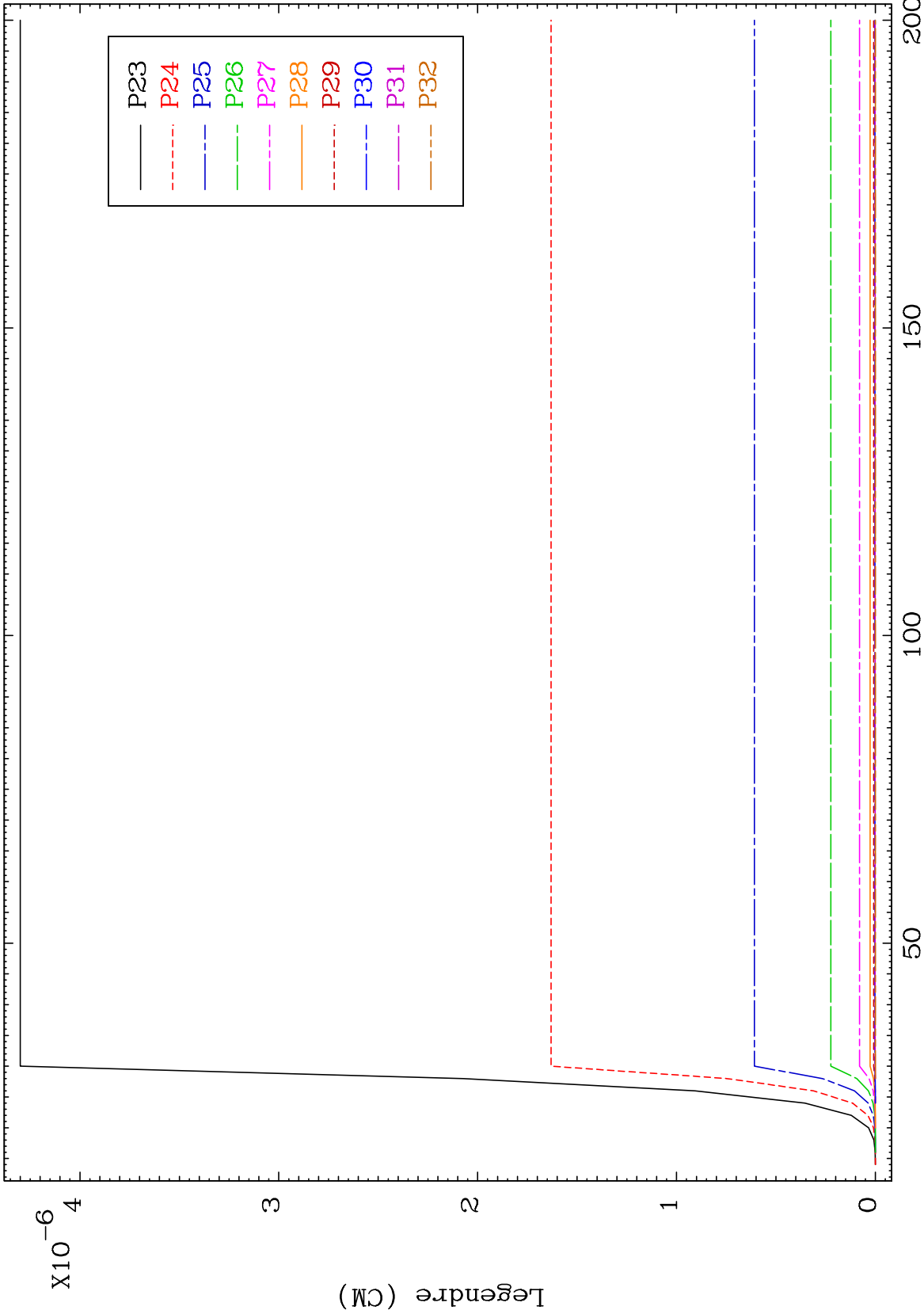
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



47

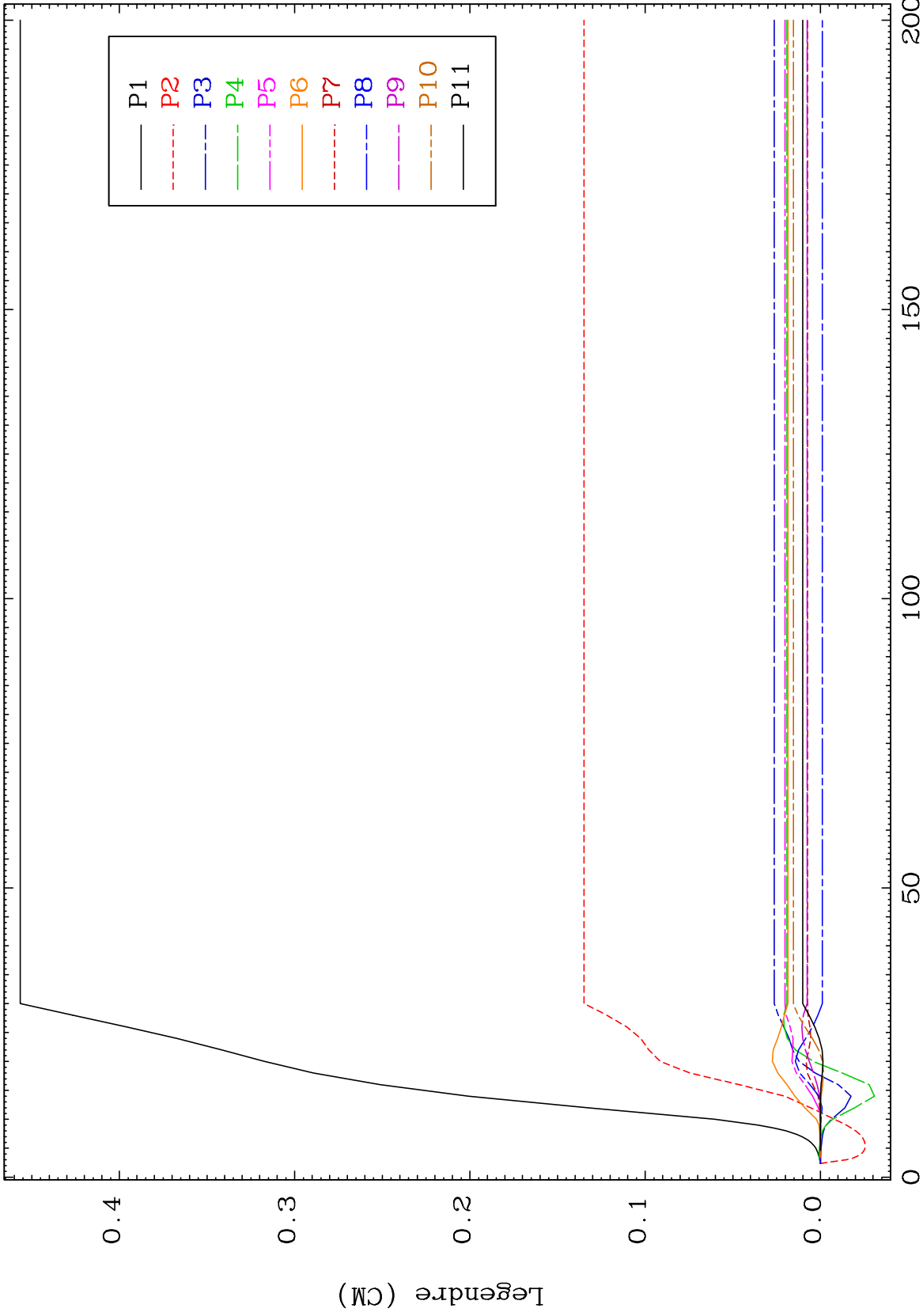
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



48

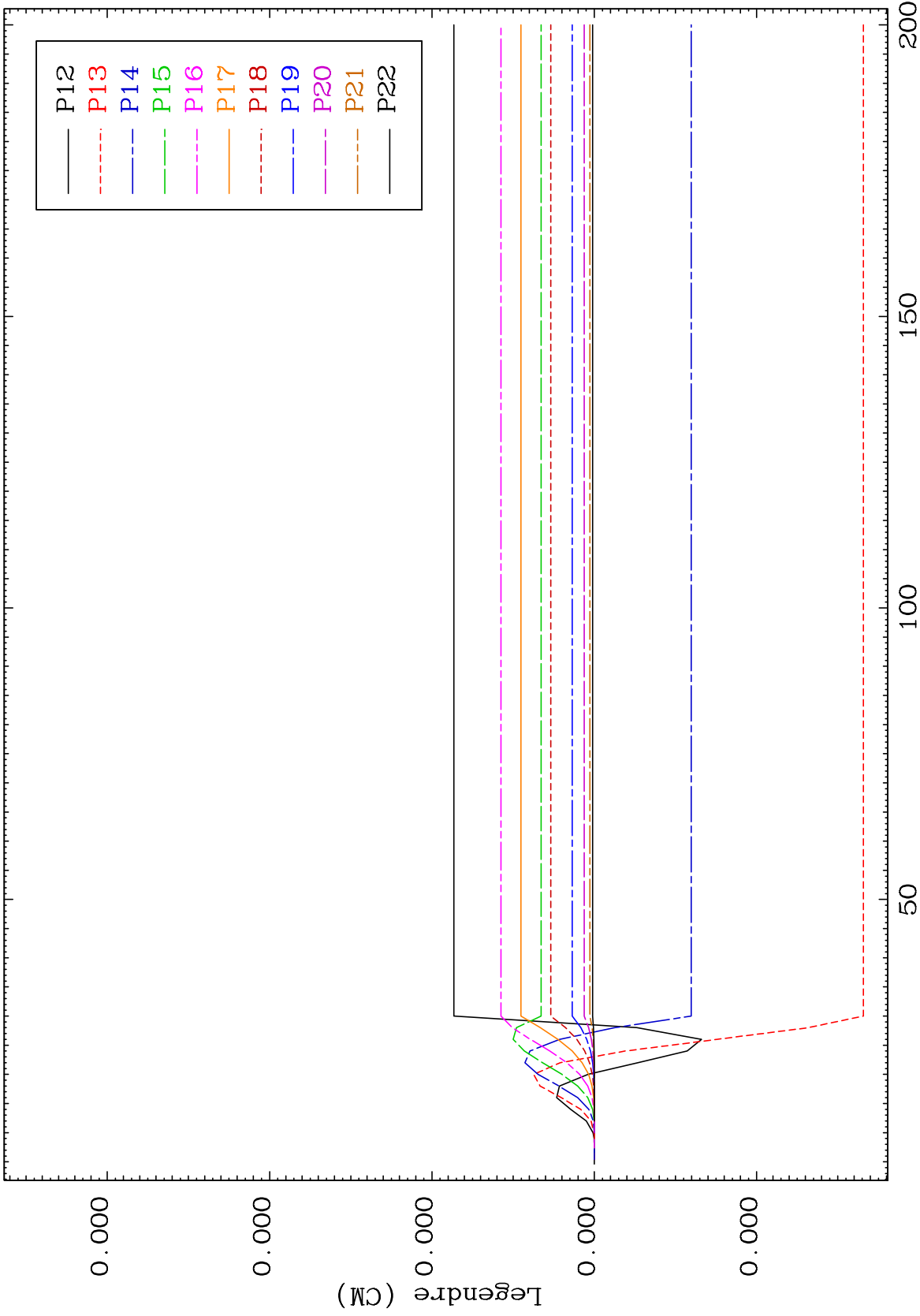
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



49

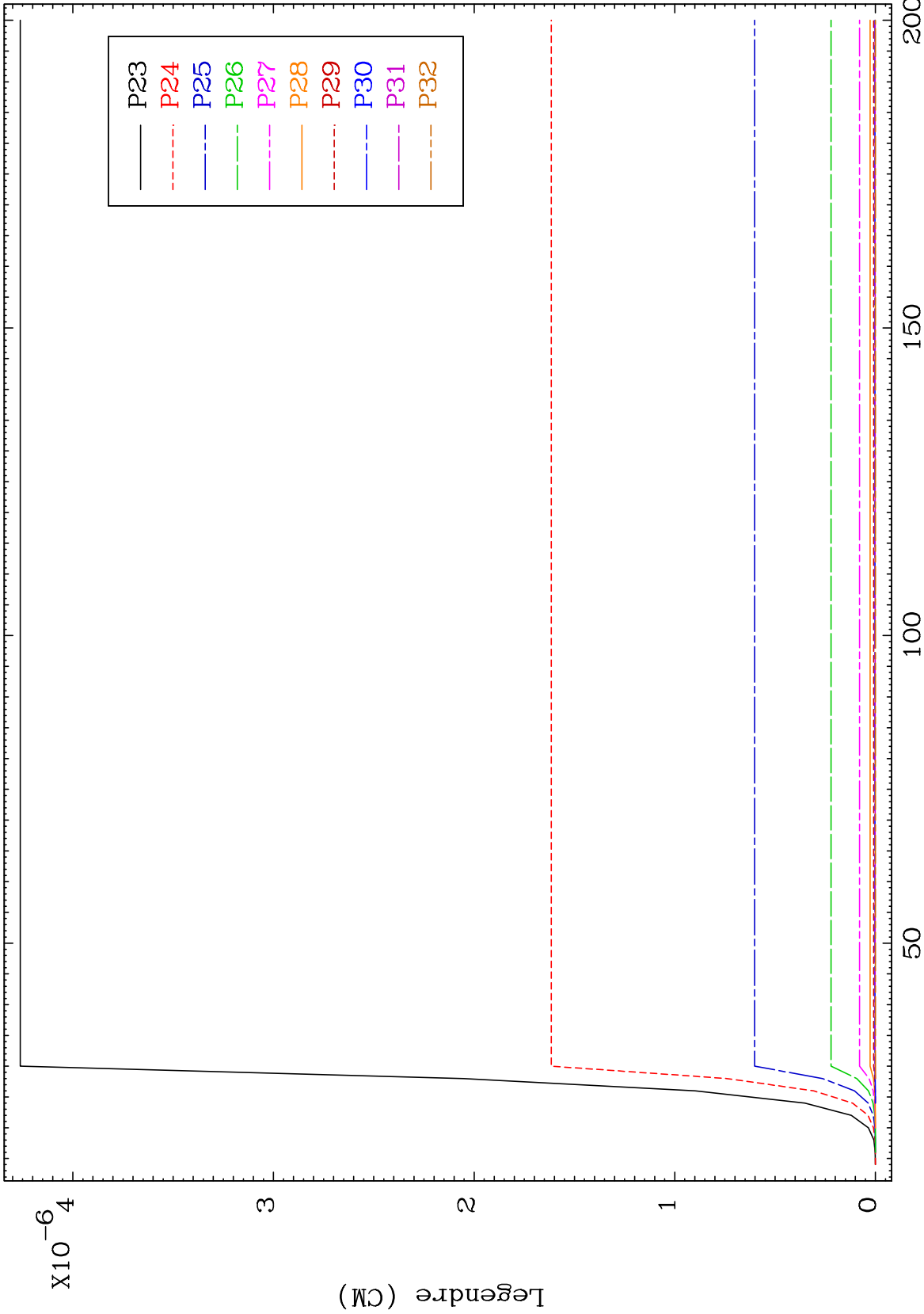
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



50

50

100

150

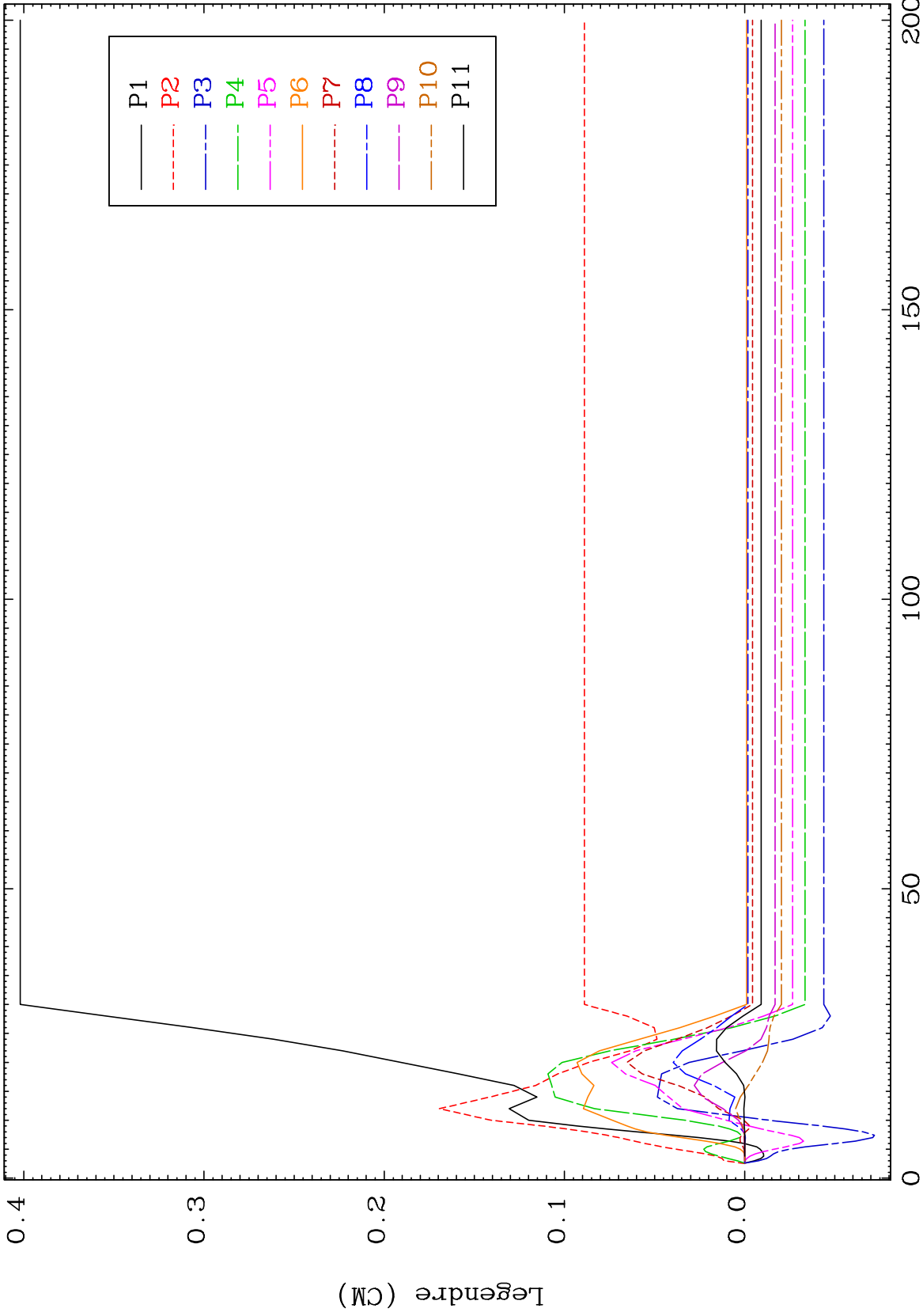
200

26-Fe-55

MAT 2628

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

26-Fe-55



51

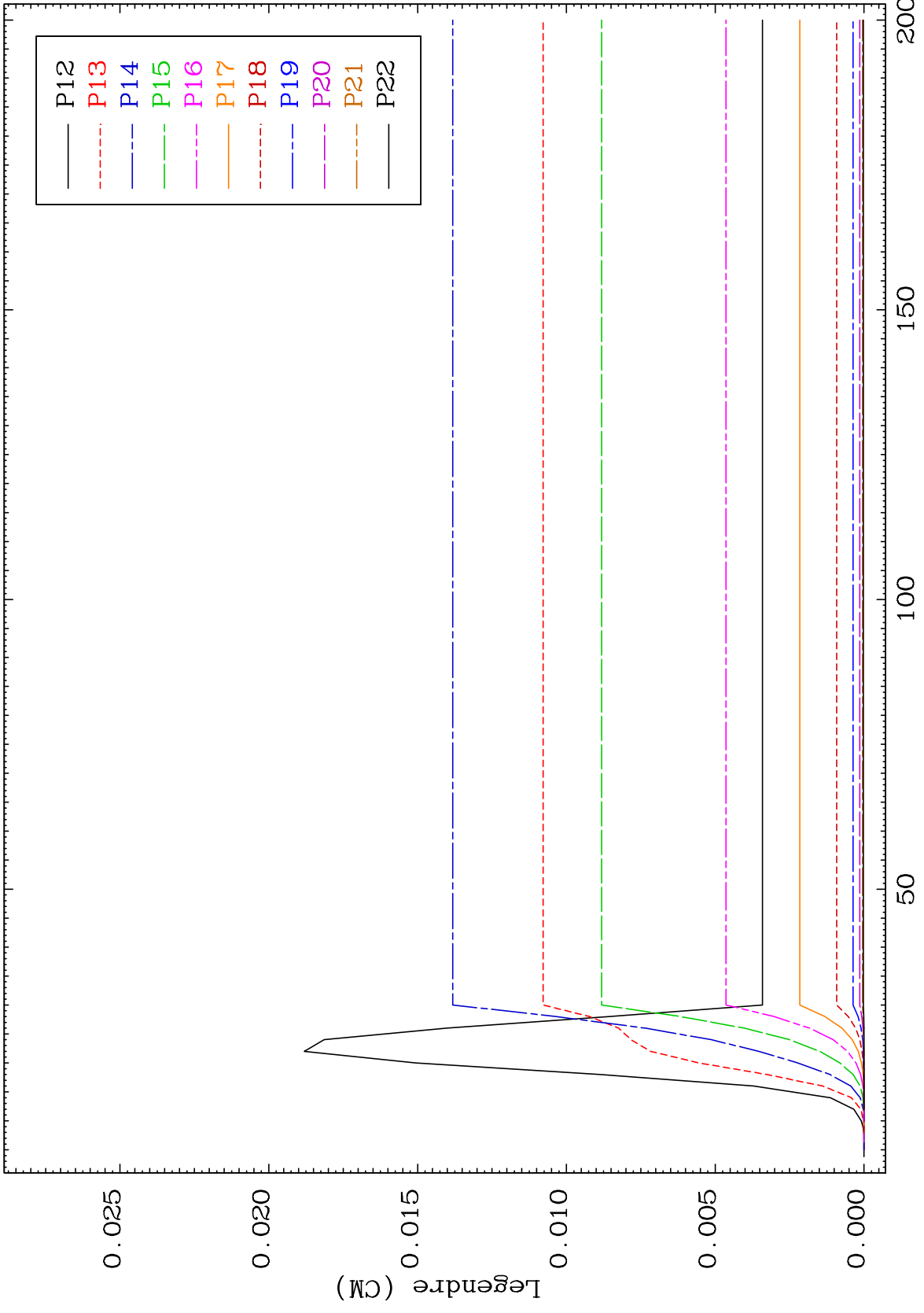
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



52

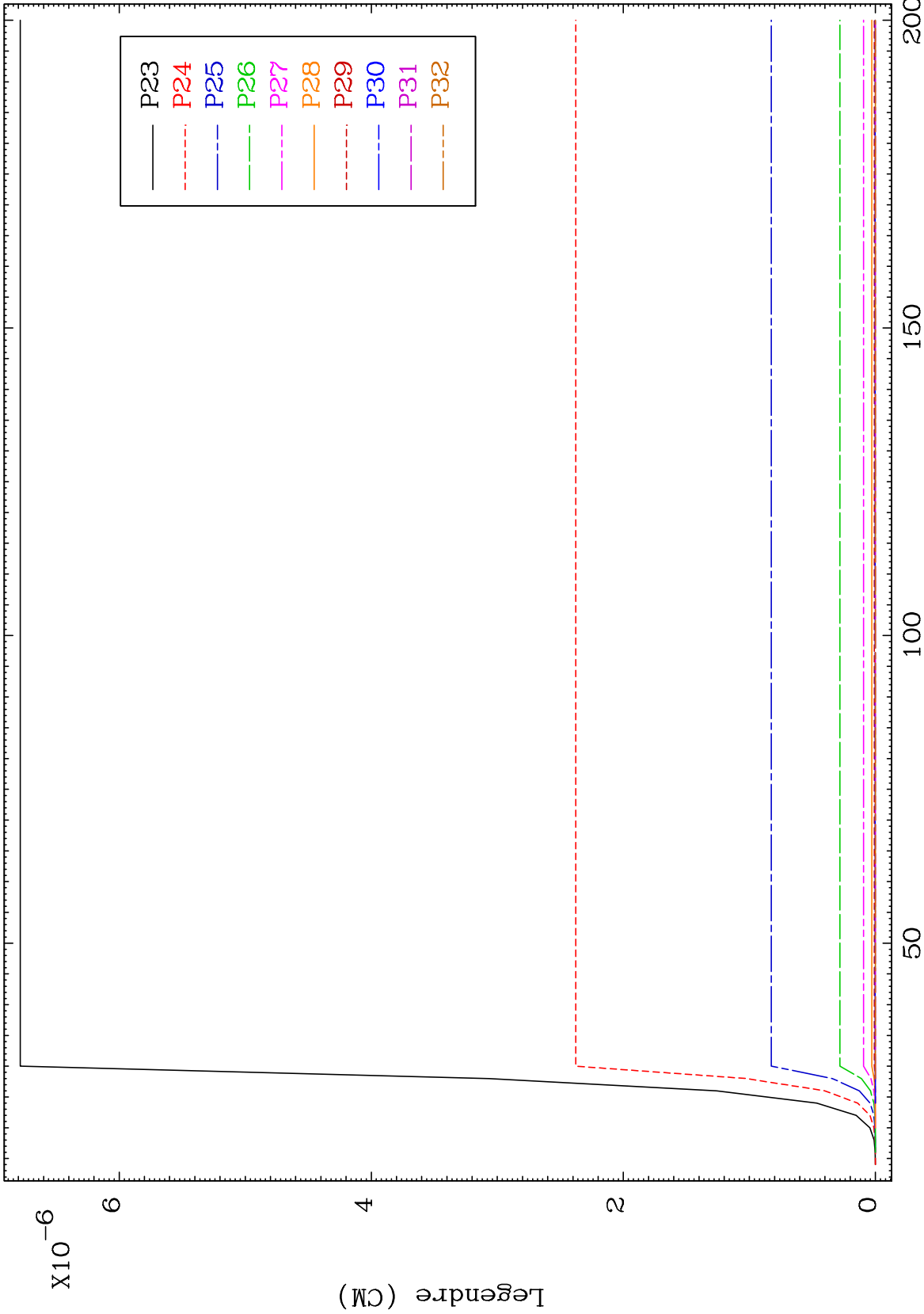
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



53

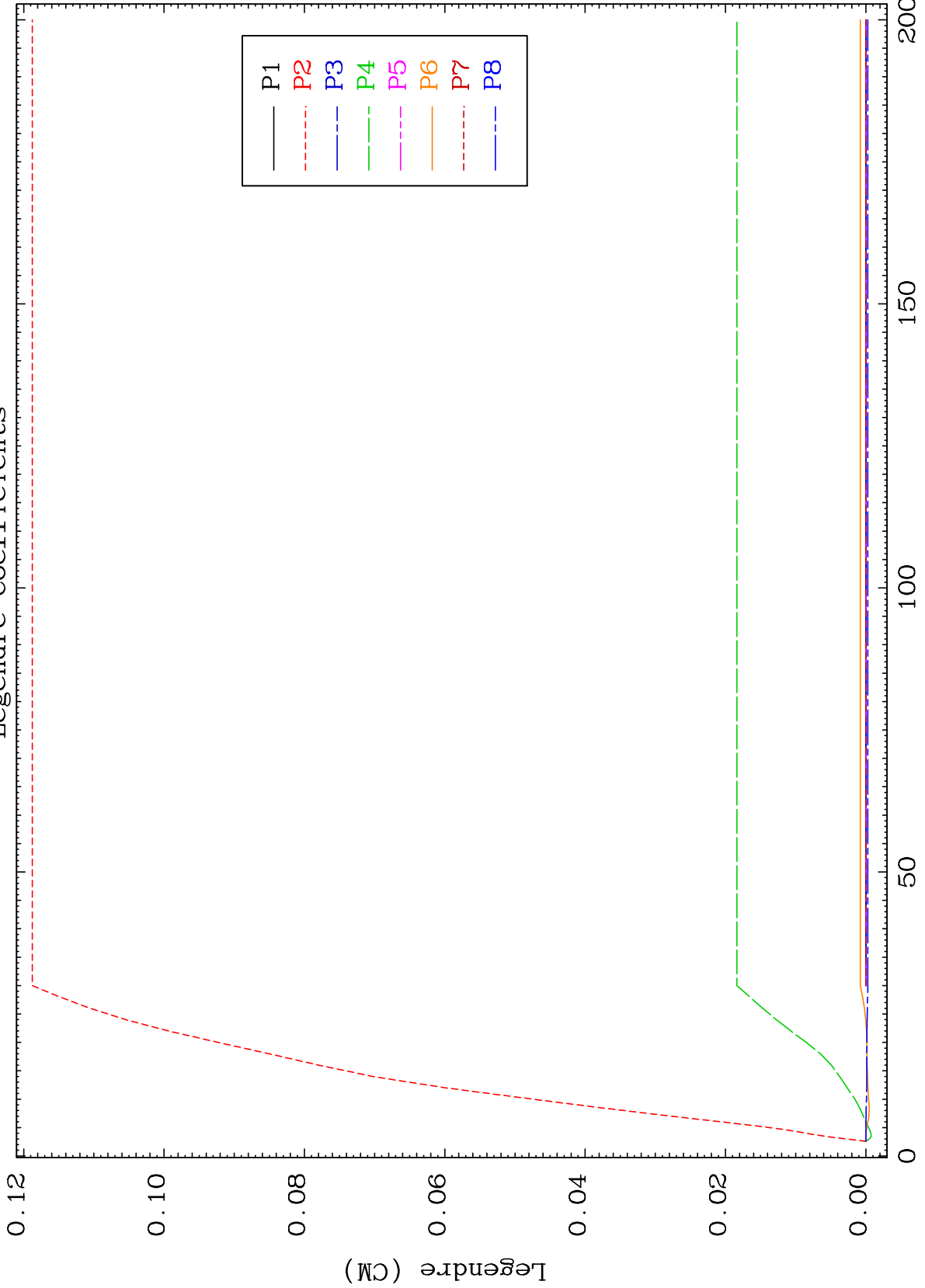
Incident Energy (MeV)

26-Fe-55

MAT 2628 MT= 63 (n,n') Level Legendre Coefficients

26-Fe-55

26-Fe-55

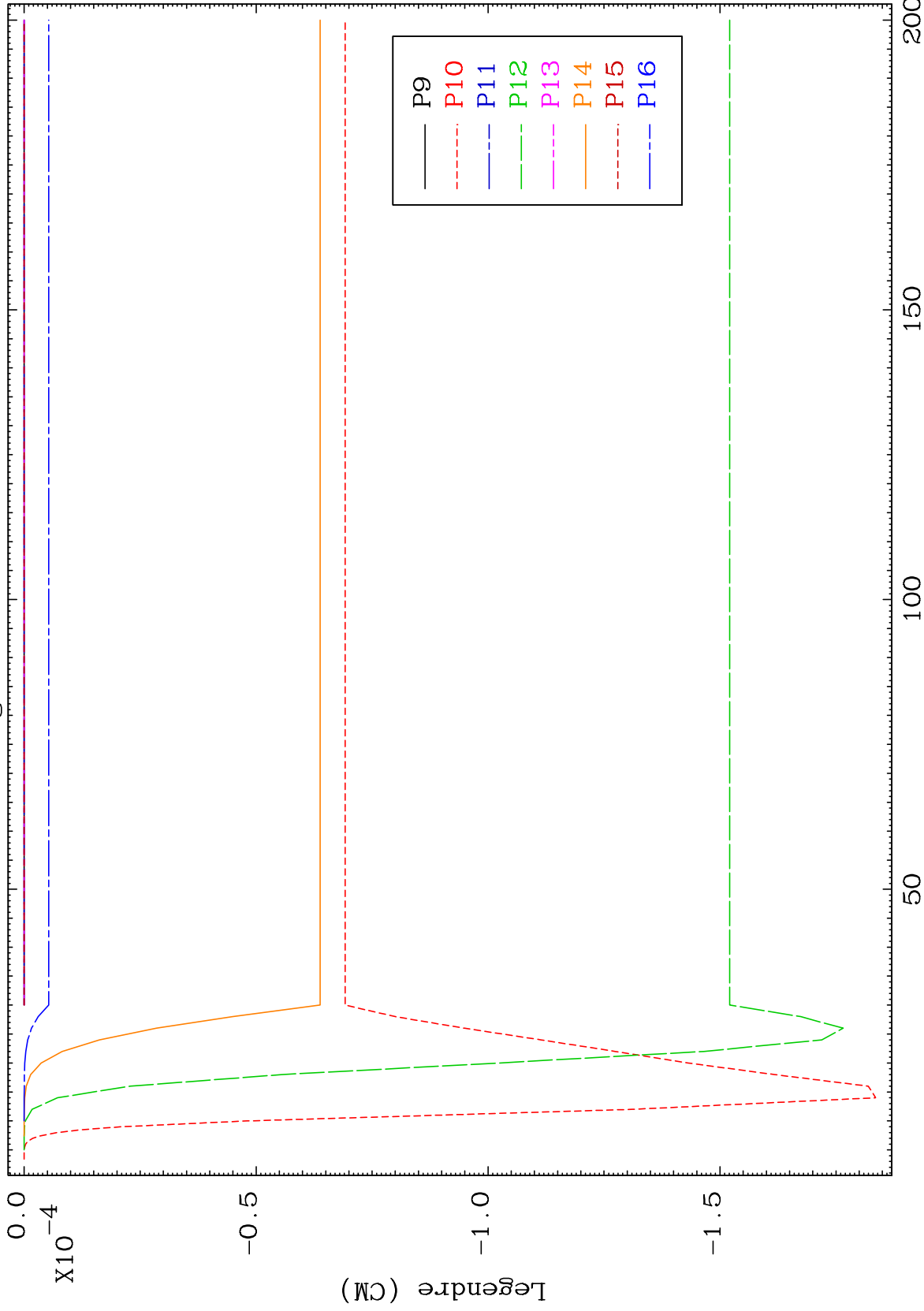


54

MAT 2628

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

26-Fe-55

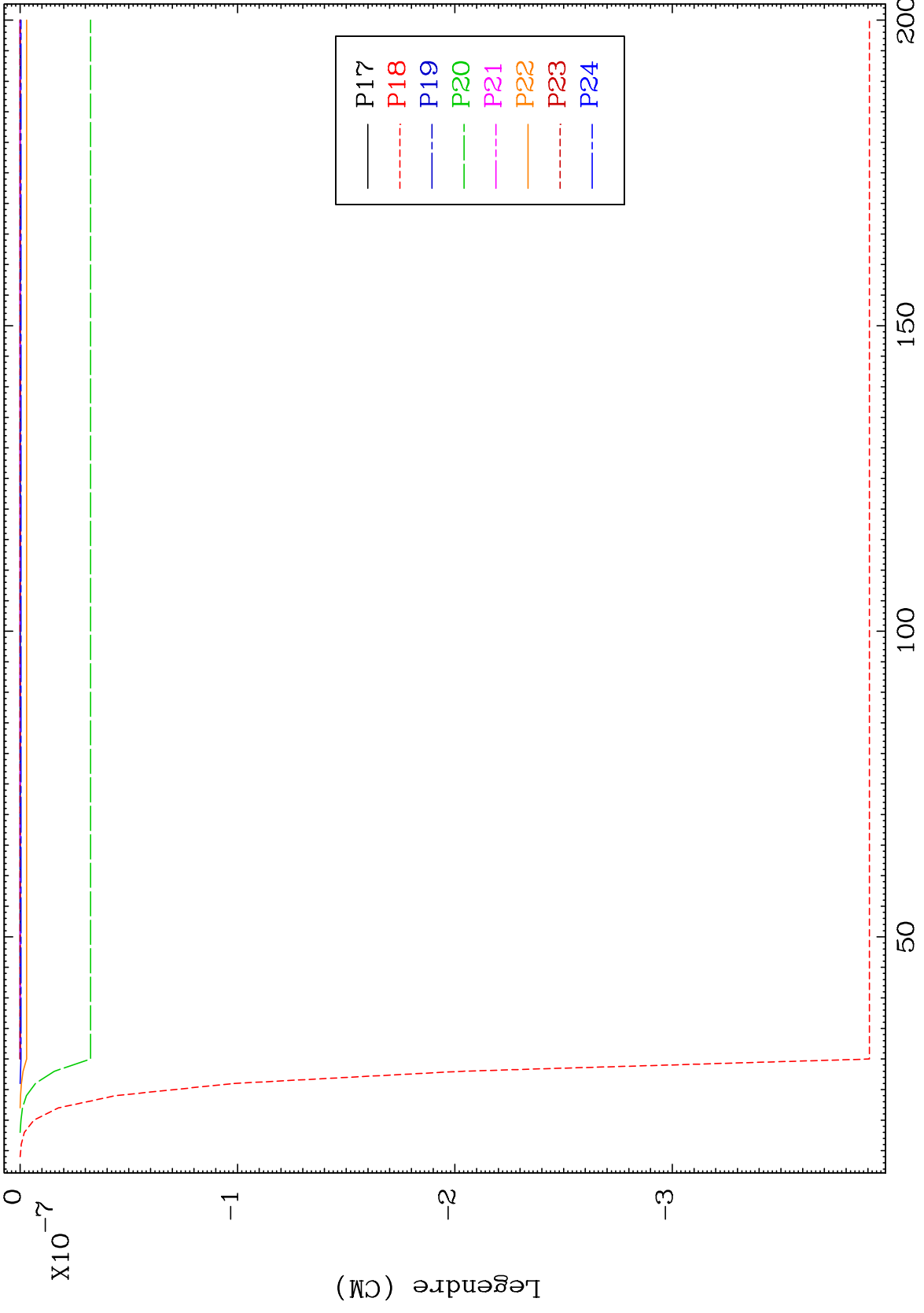


55

Incident Energy (MeV)

26-Fe-55

MAT 2628 MT= 63 (n,n') Level Legendre Coefficients 26-Fe-55

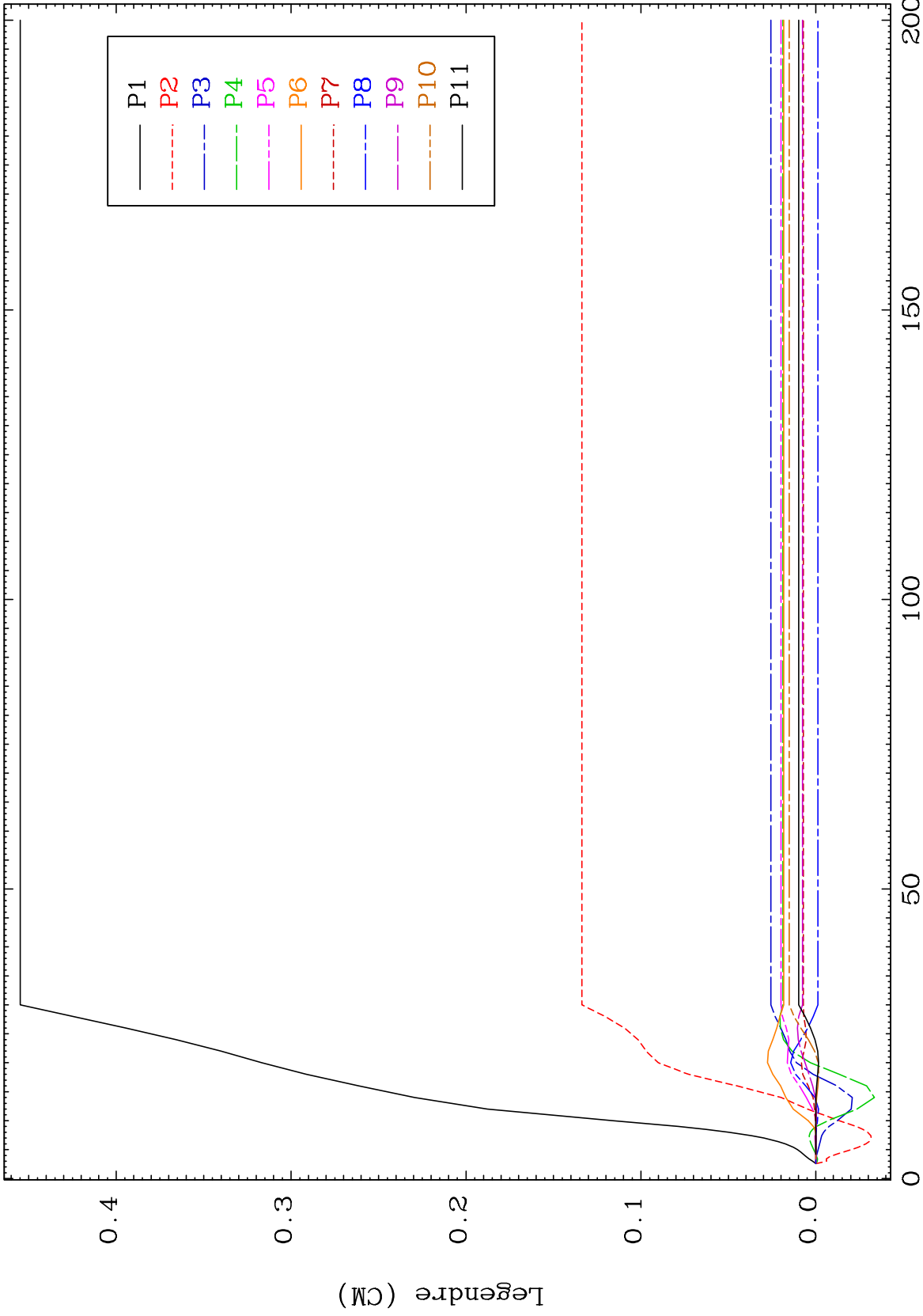


56 Incident Energy (MeV) 200 26-Fe-55

MAT 2628

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

26-Fe-55



57

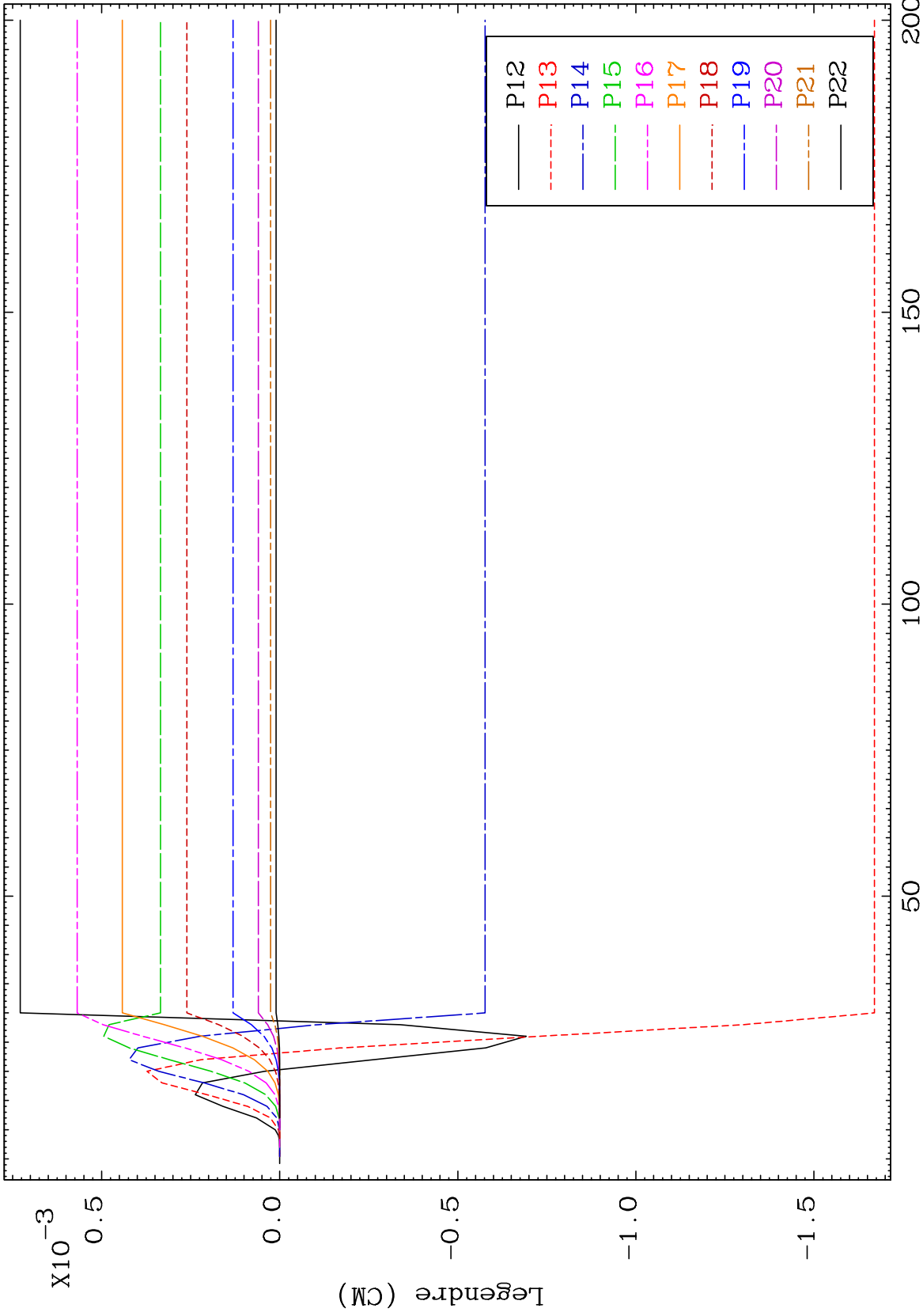
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

²⁶Fe-55



58

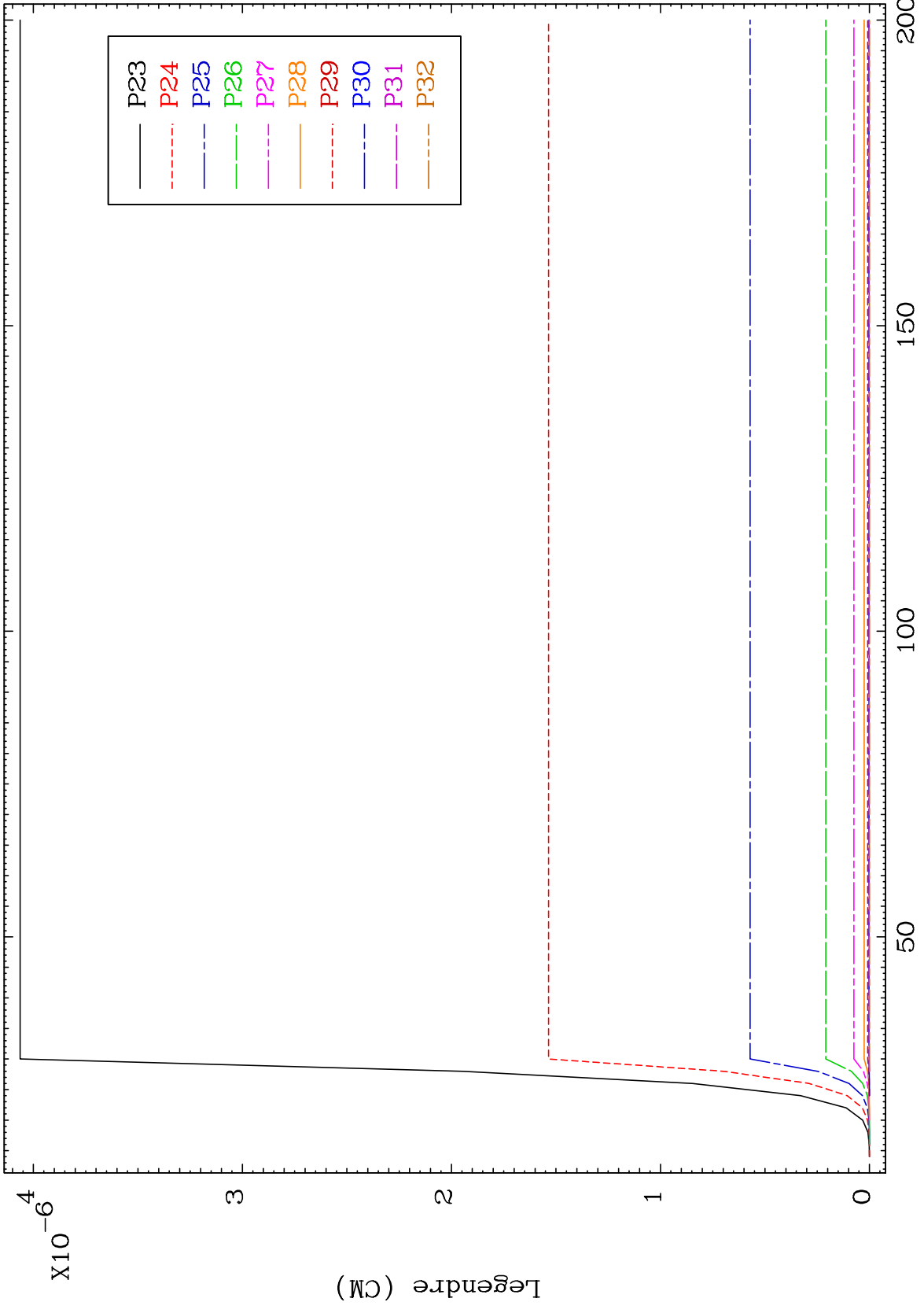
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

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

26-Fe-55



59

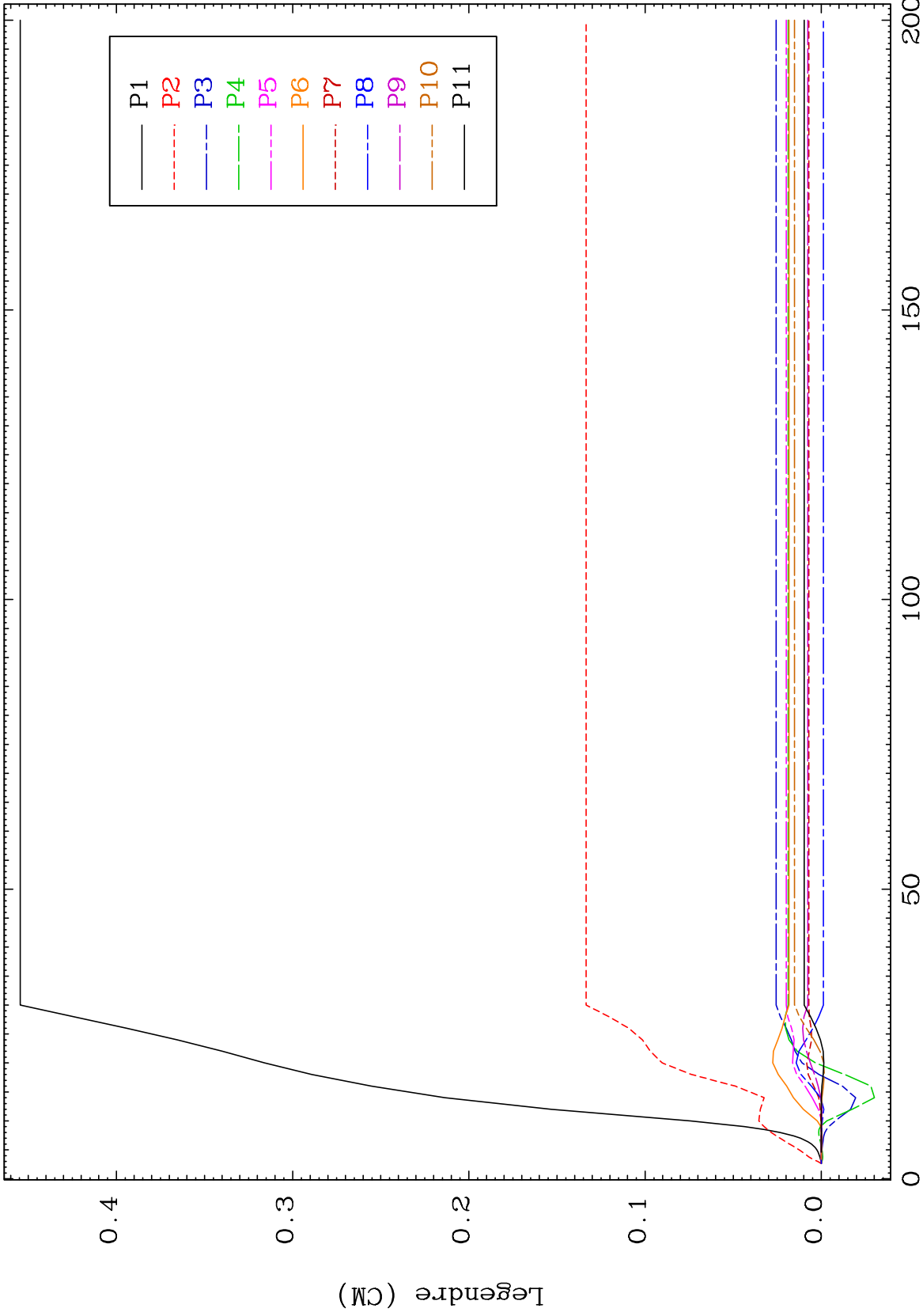
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



60

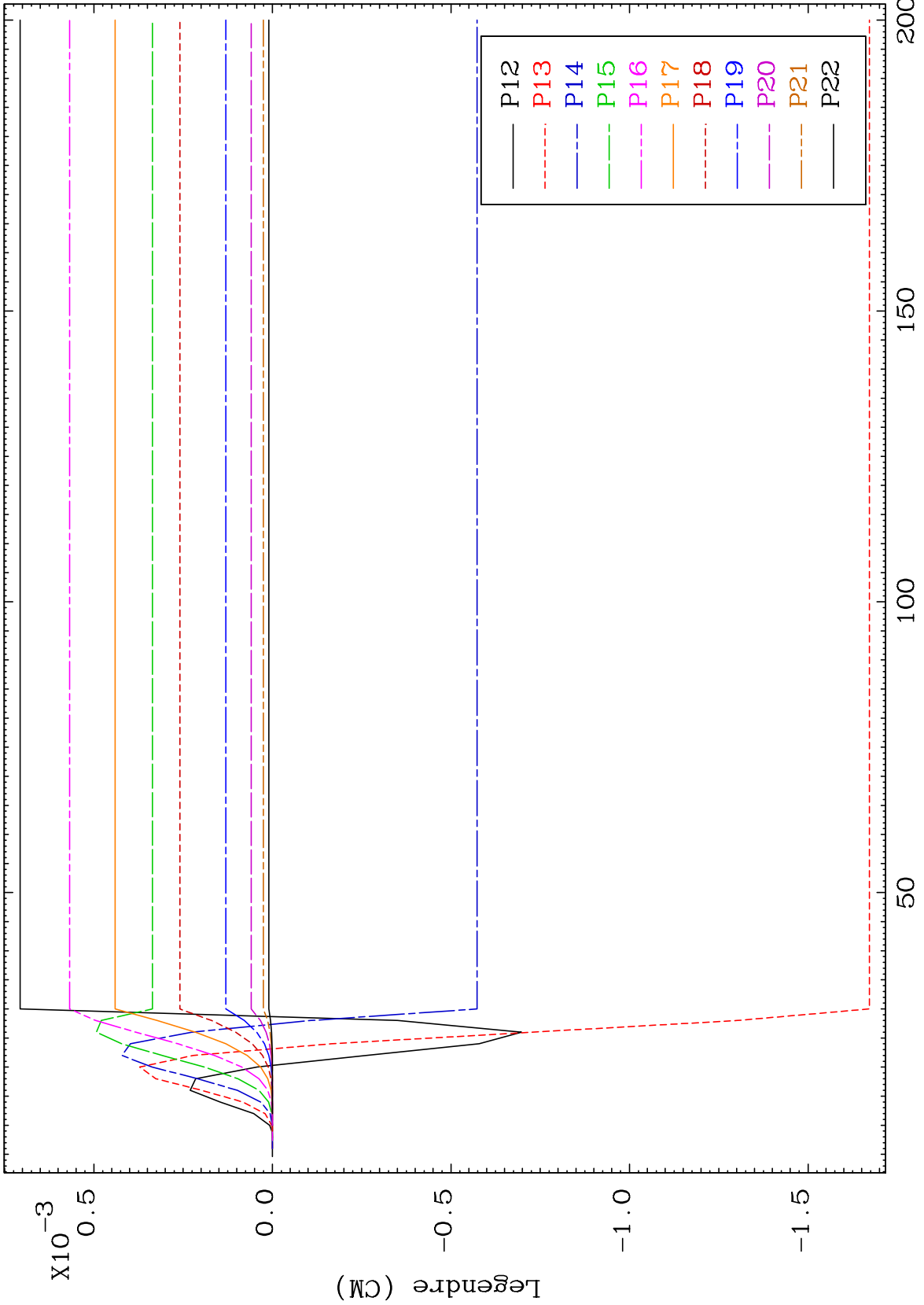
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

²⁶Fe-55



61

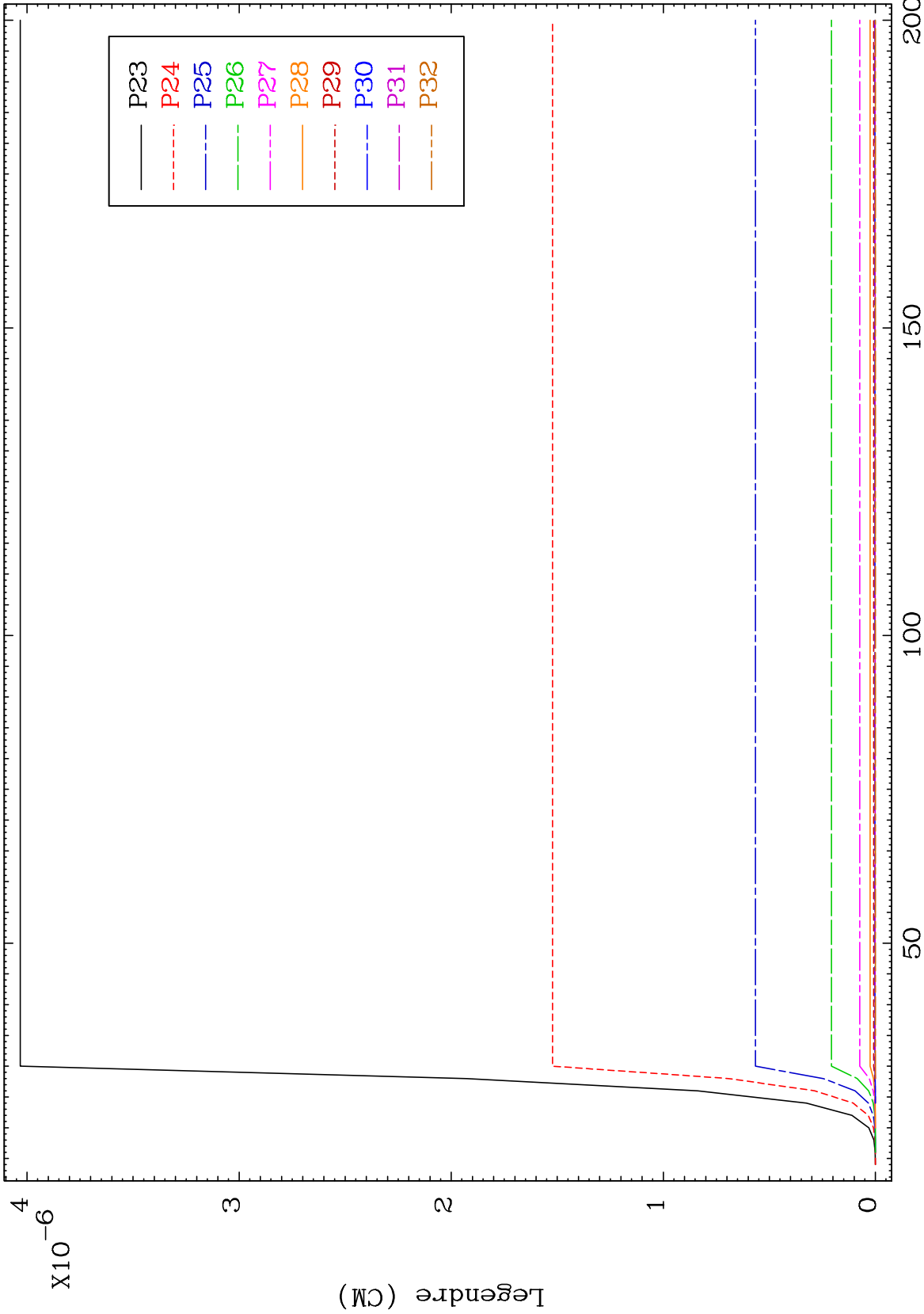
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

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

26-Fe-55

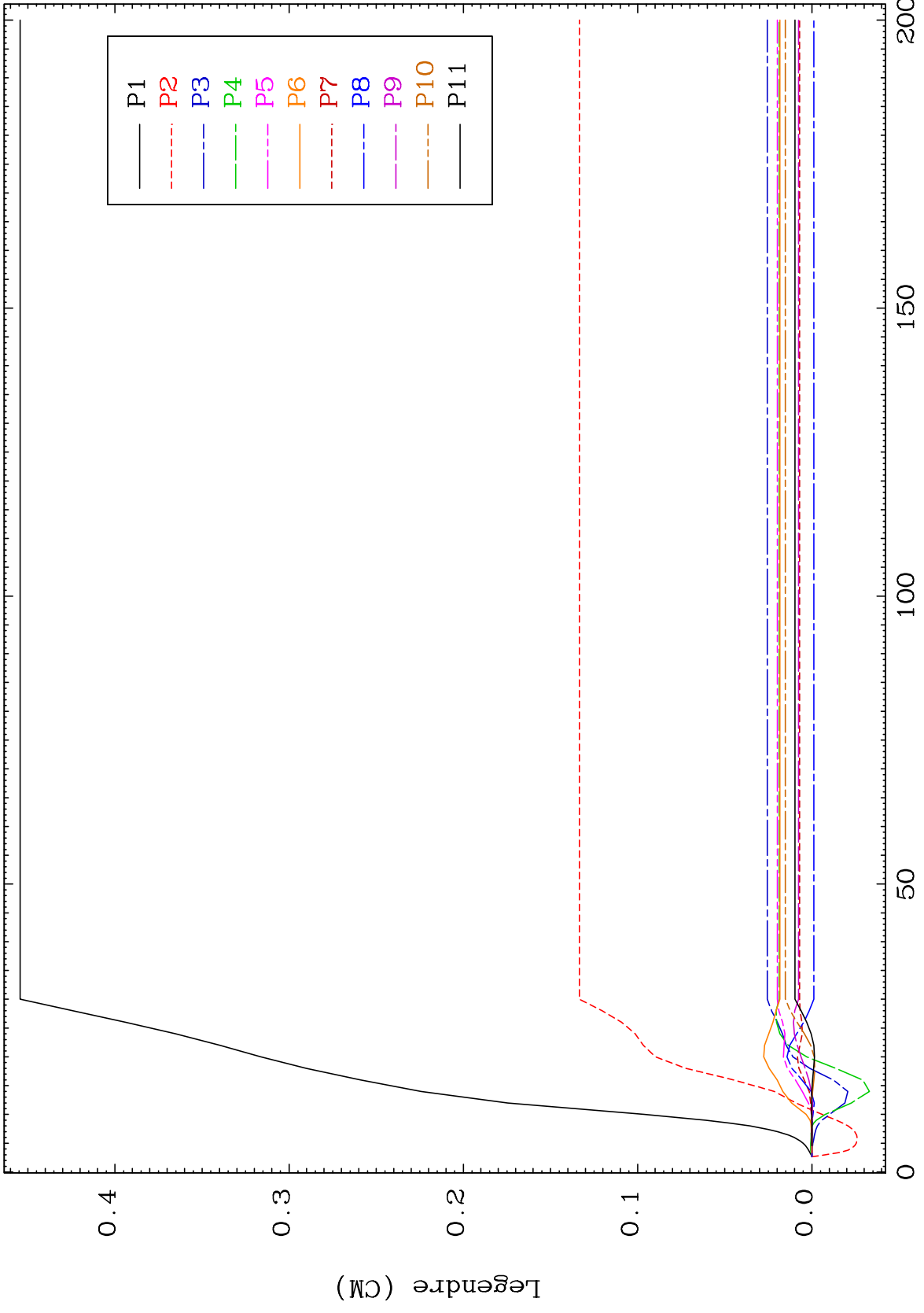


62

Incident Energy (MeV)

26-Fe-55

MAT 2628 MT= 66 (n,n') Level Legendre Coefficients 26-Fe-55

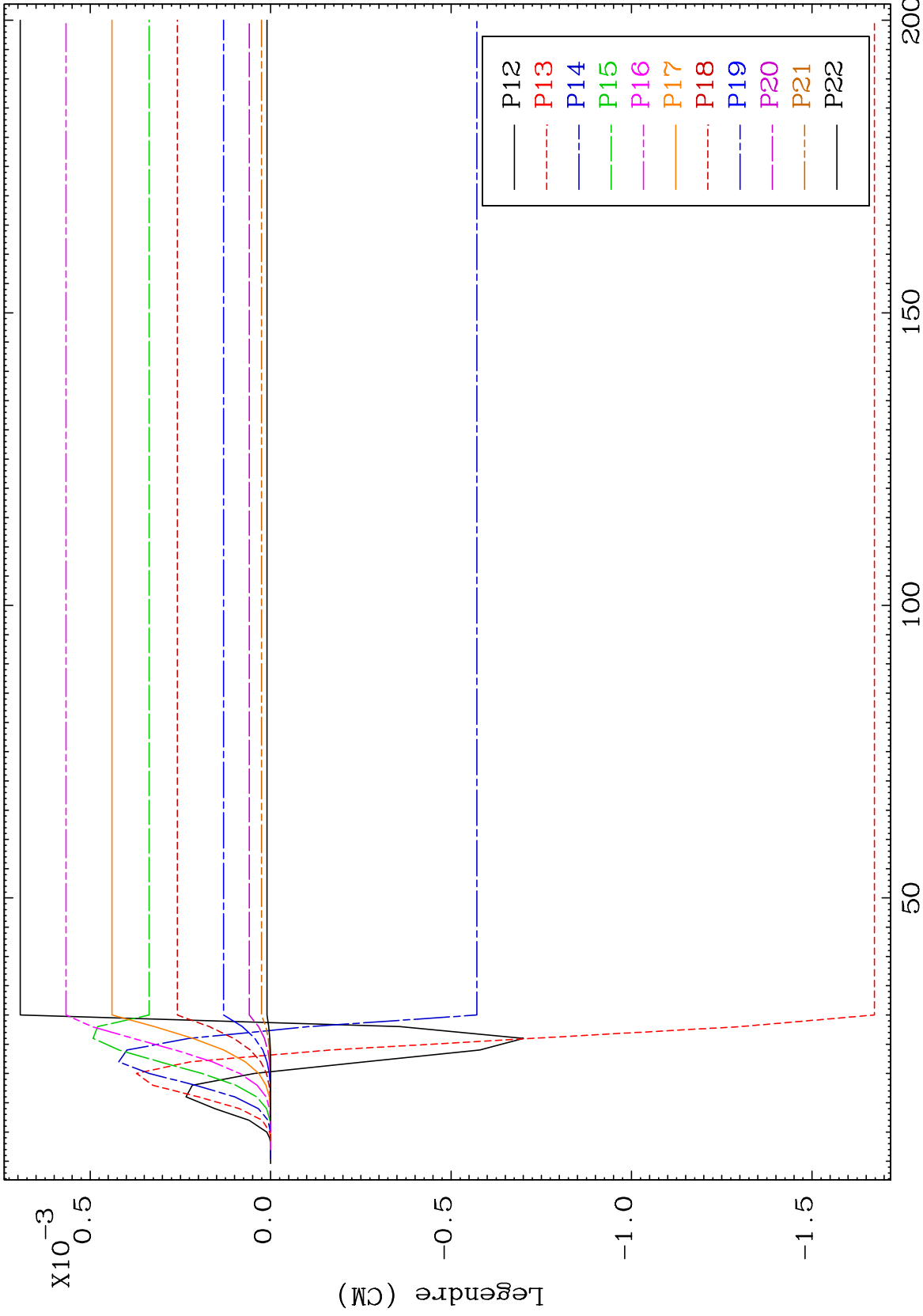


63 Incident Energy (MeV) 26-Fe-55

MAT 2628

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

²⁶Fe-55



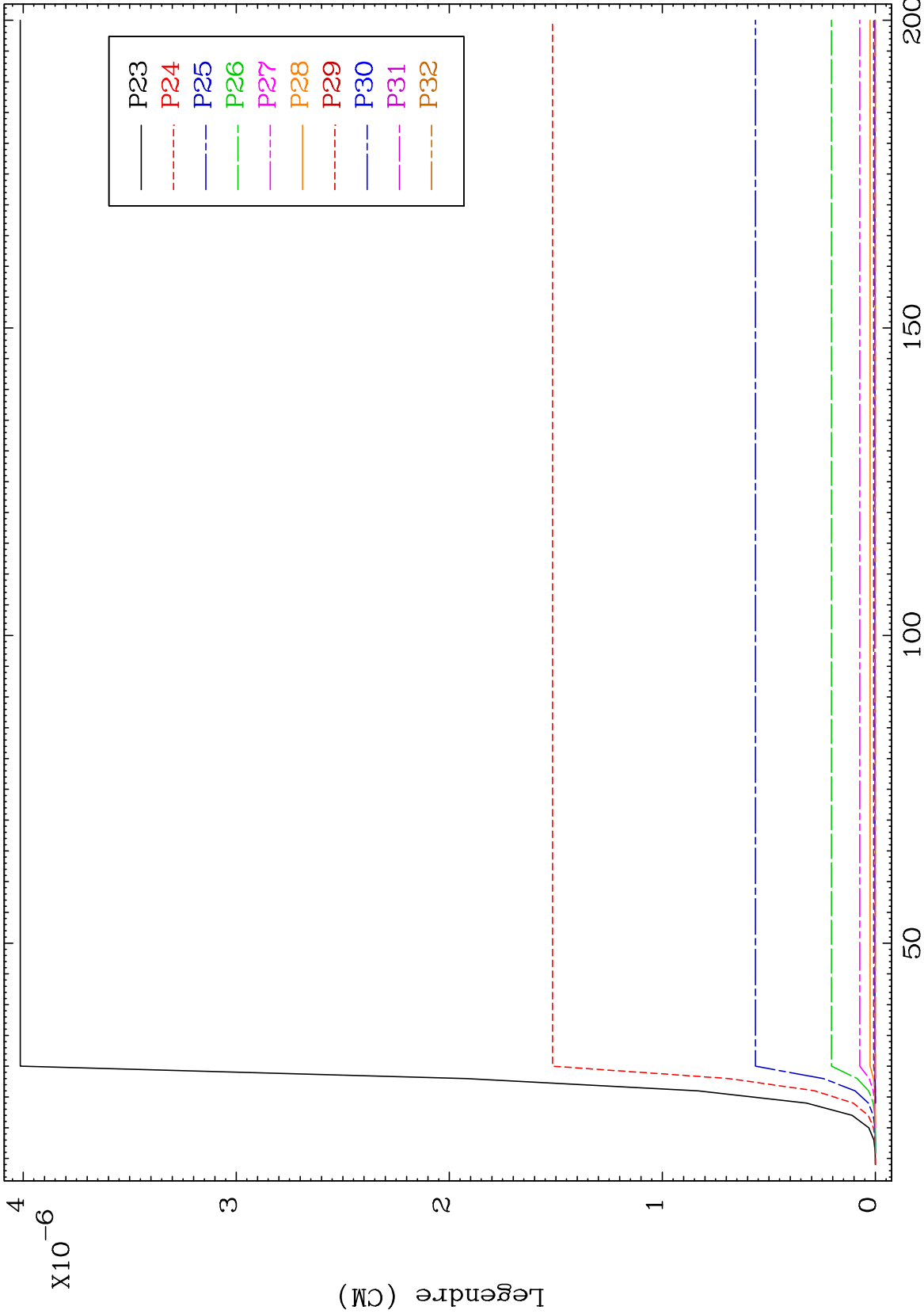
64

²⁶Fe-55

MAT 2628

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

26-Fe-55



65

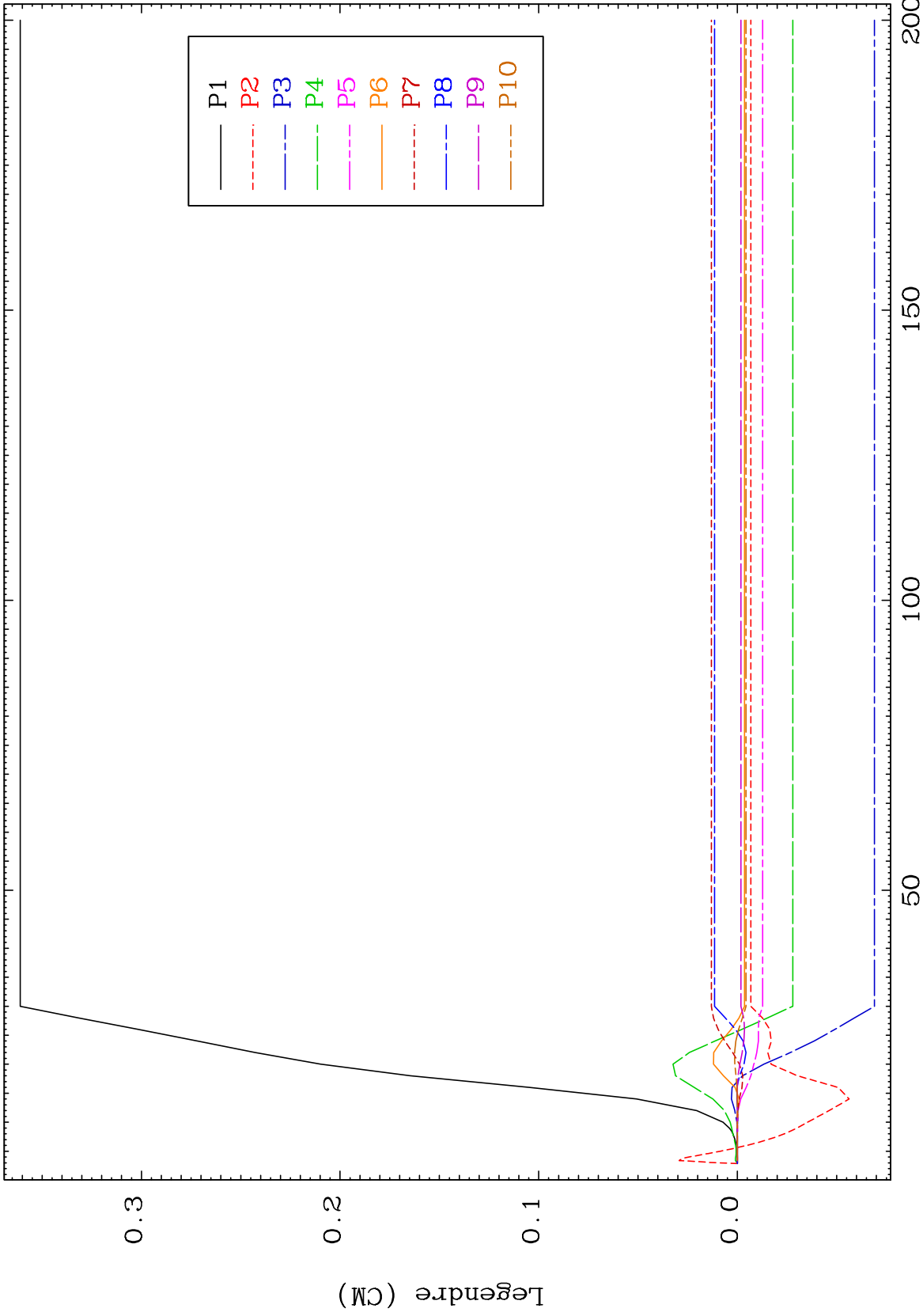
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



66

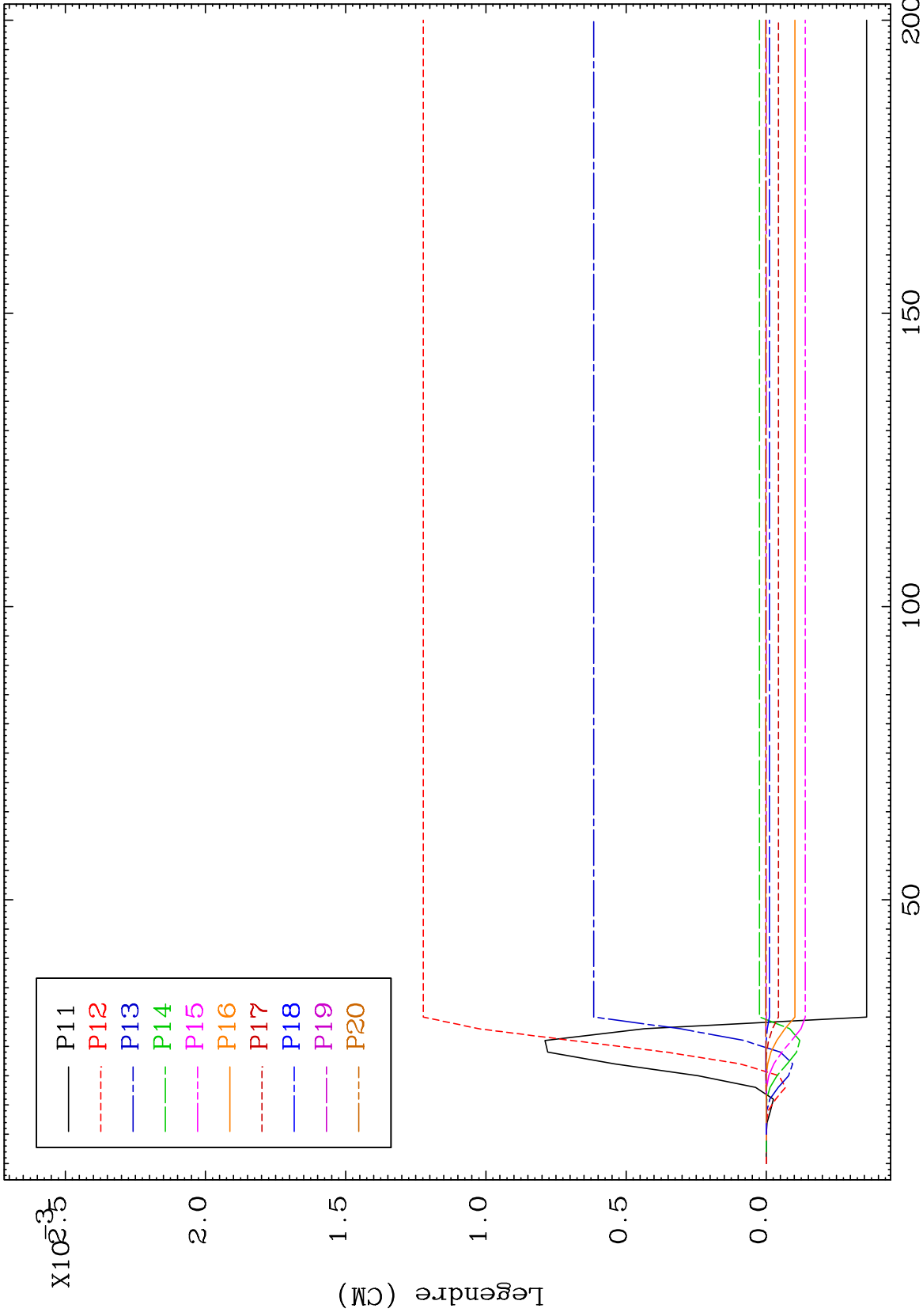
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

²⁶Fe-55



67

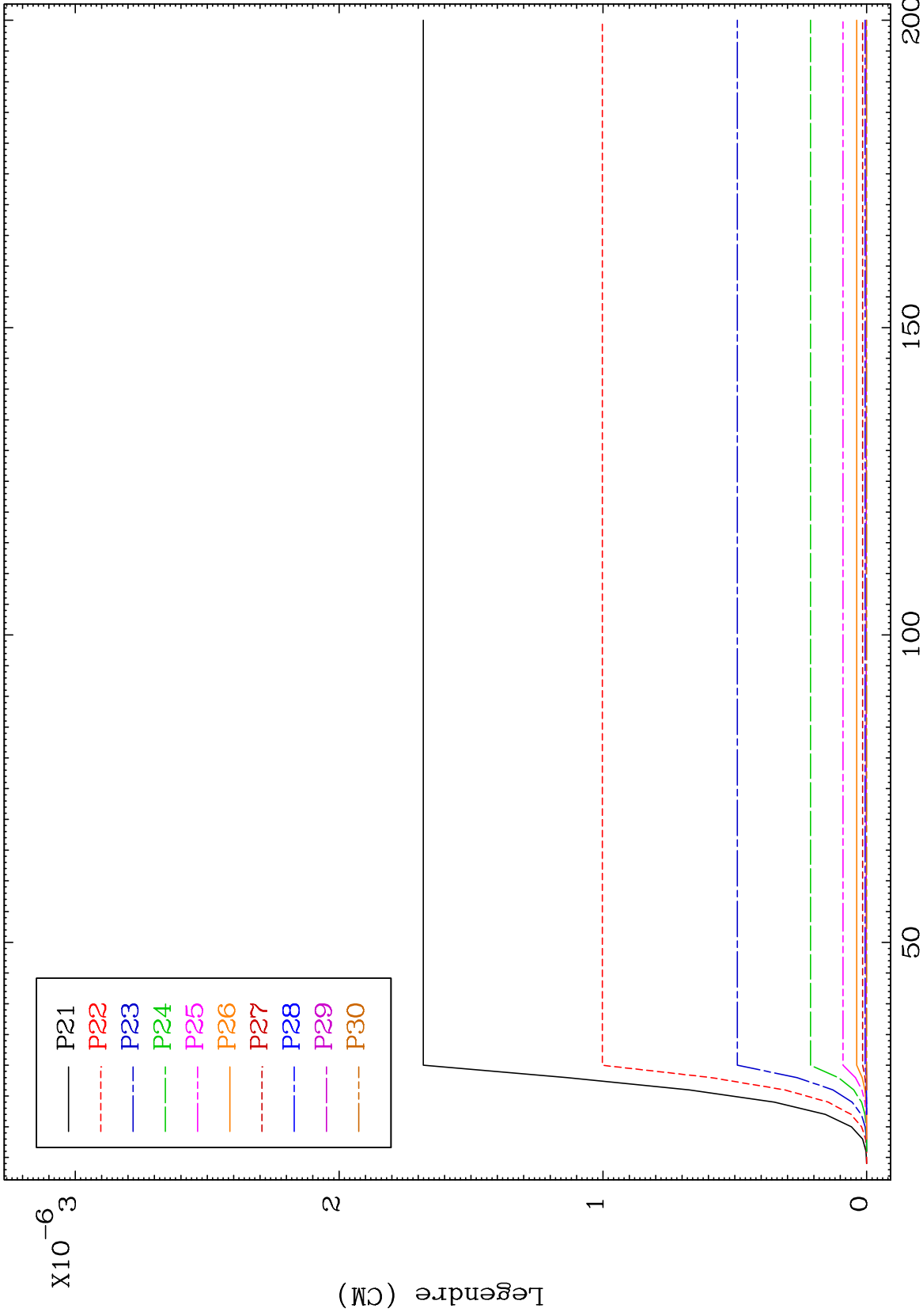
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

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

26-Fe-55



68

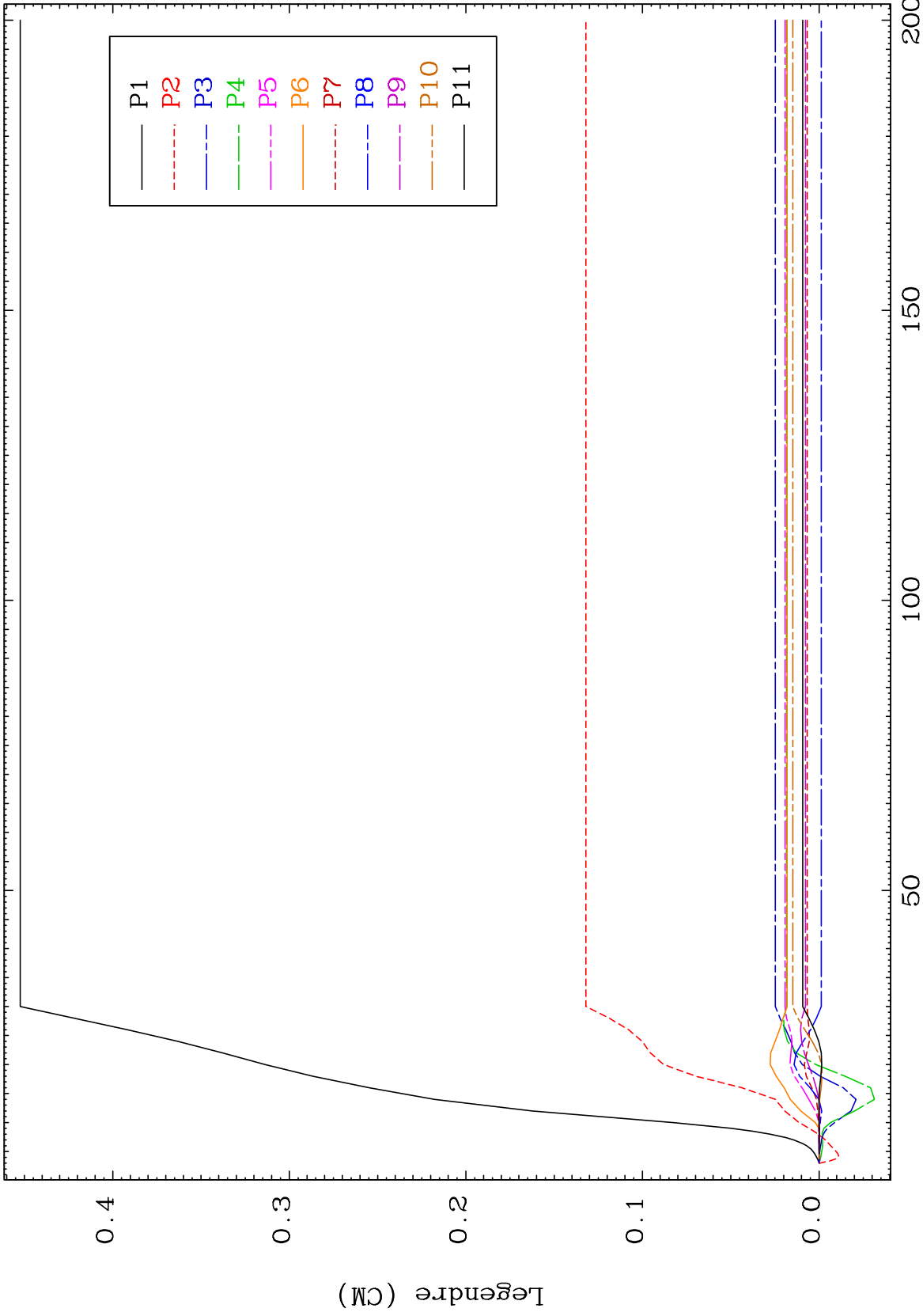
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



69

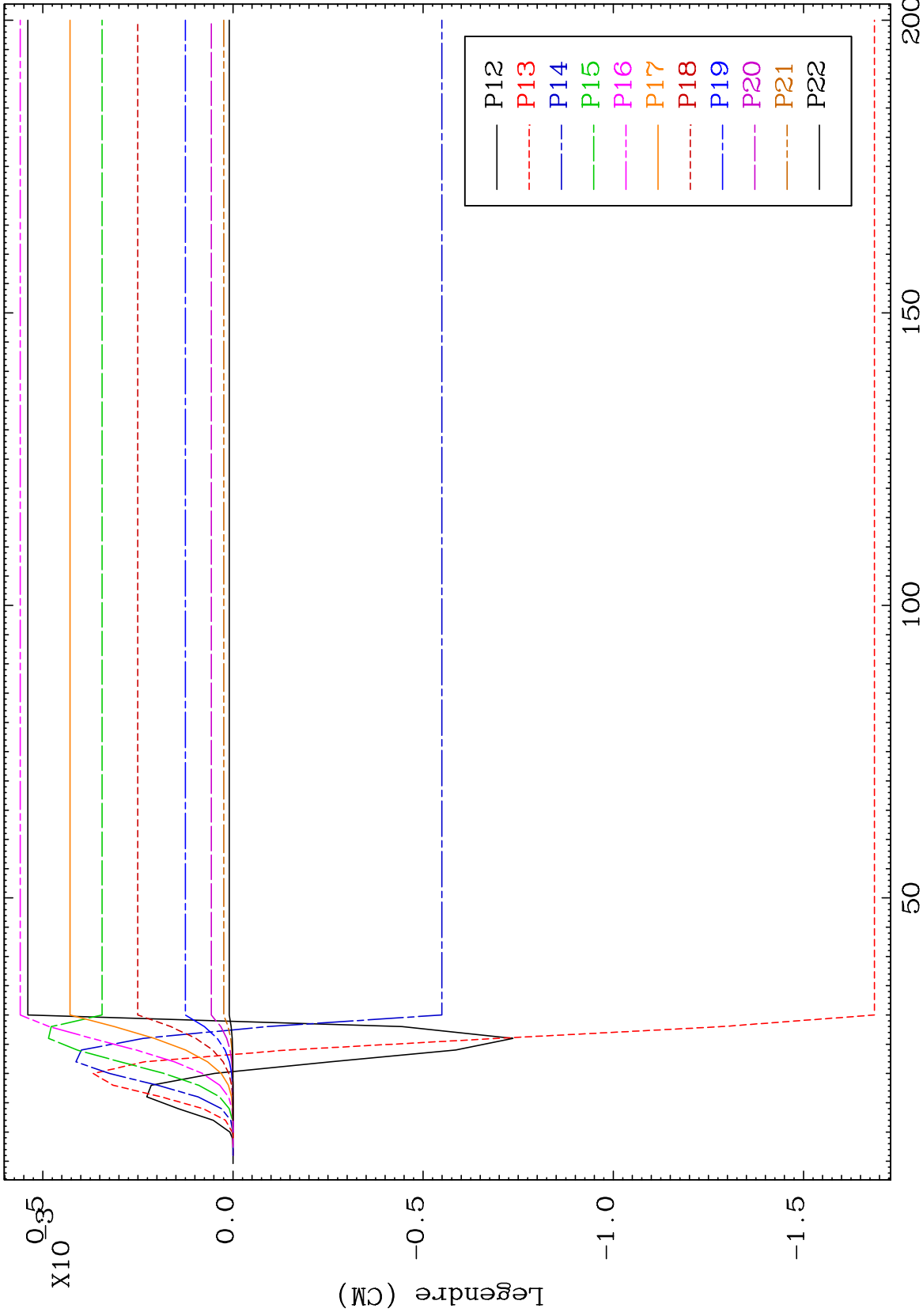
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



70

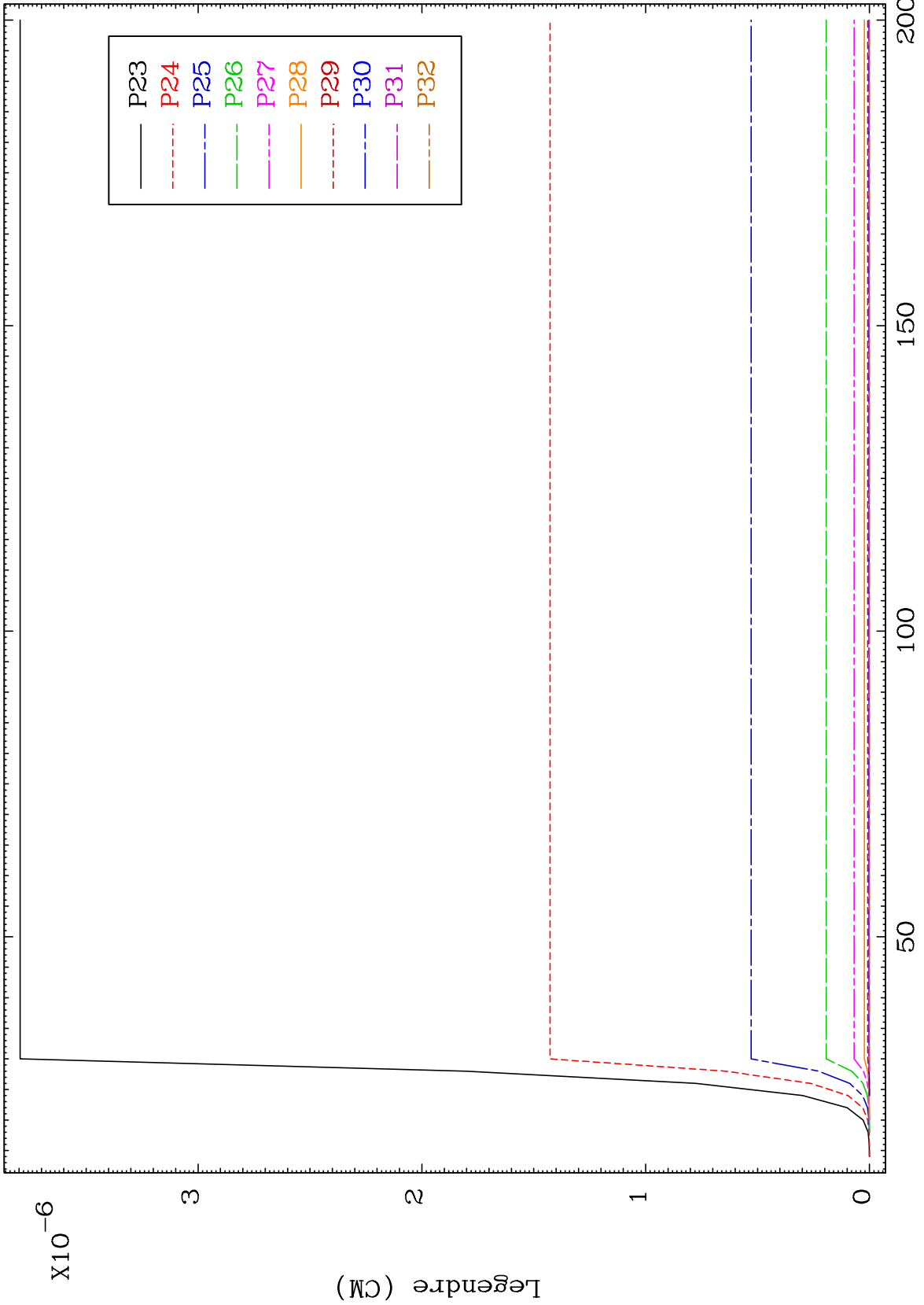
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55

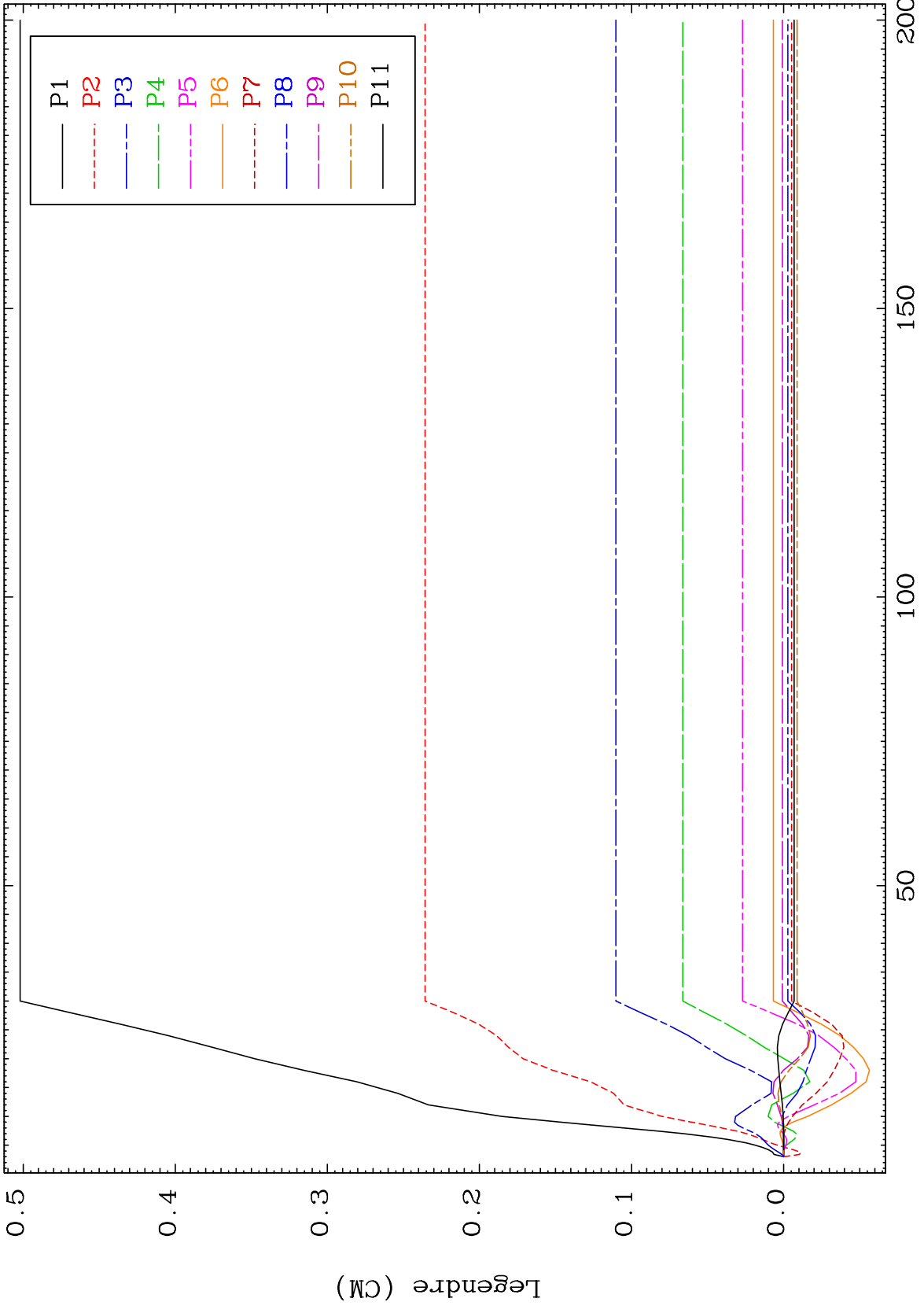


71

Incident Energy (MeV)

26-Fe-55

MAT 2628 MT= 69 (n,n') Level Legendre Coefficients 26-Fe-55

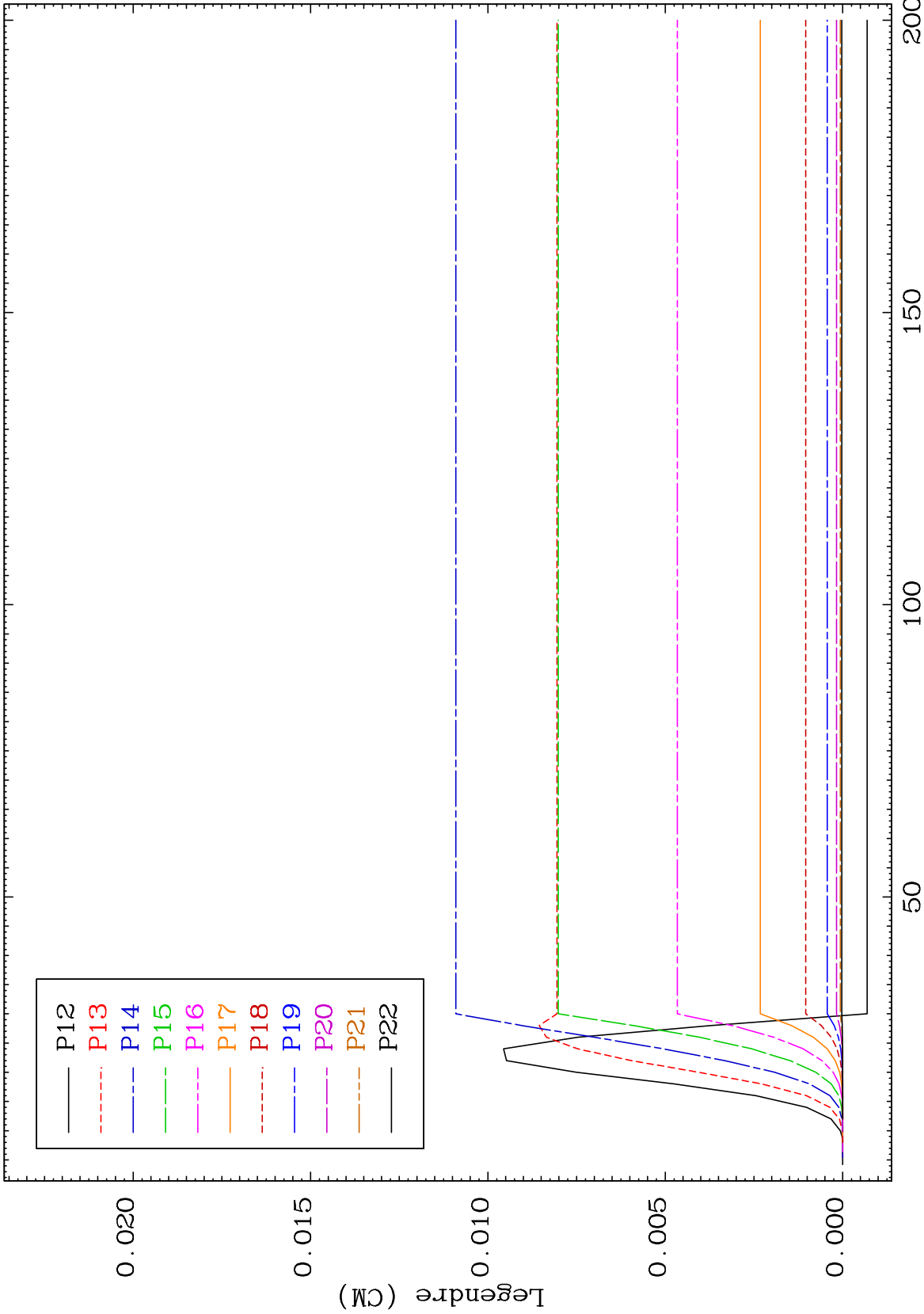


72 26-Fe-55

MAT 2628

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

26-Fe-55



73

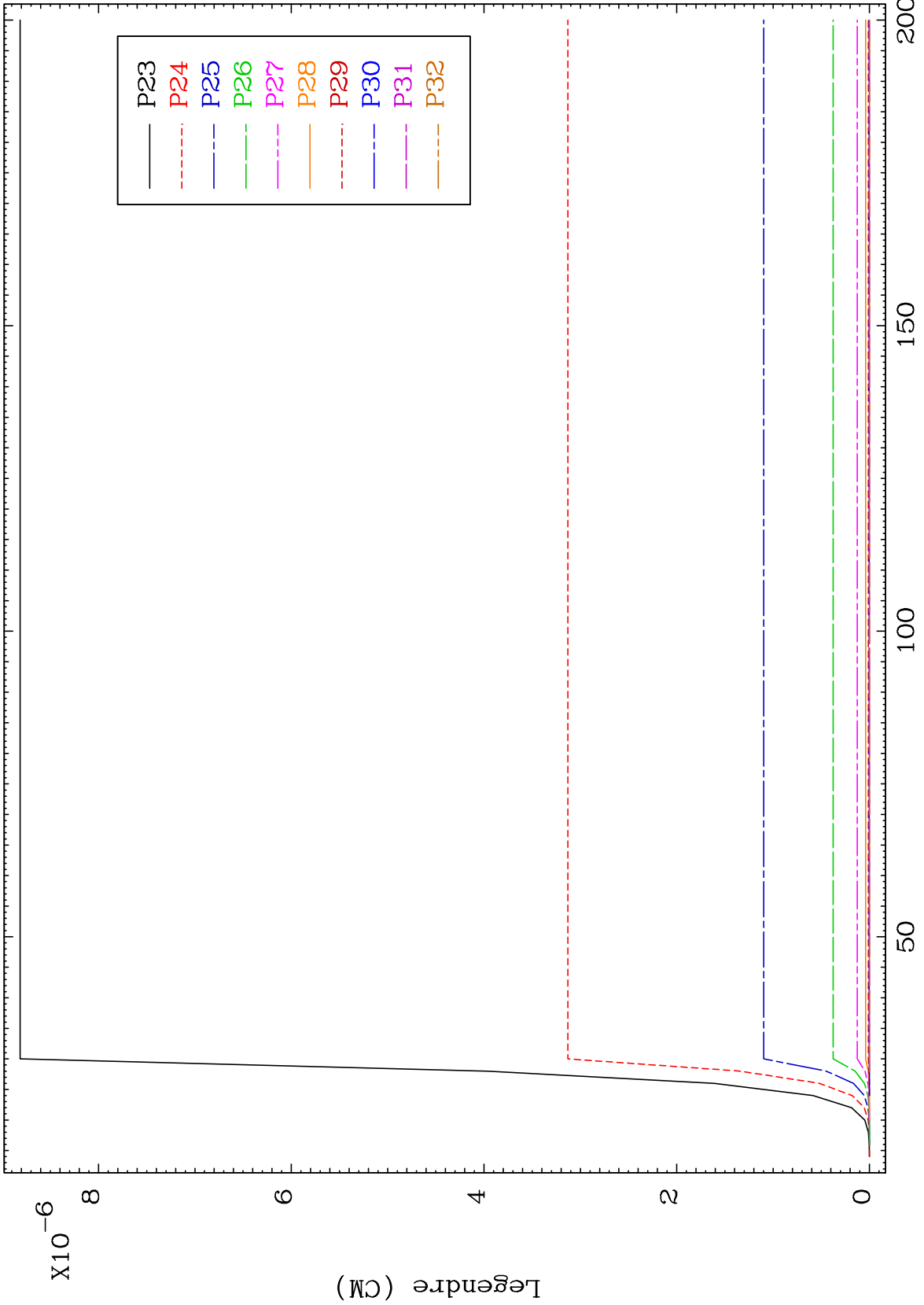
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



74

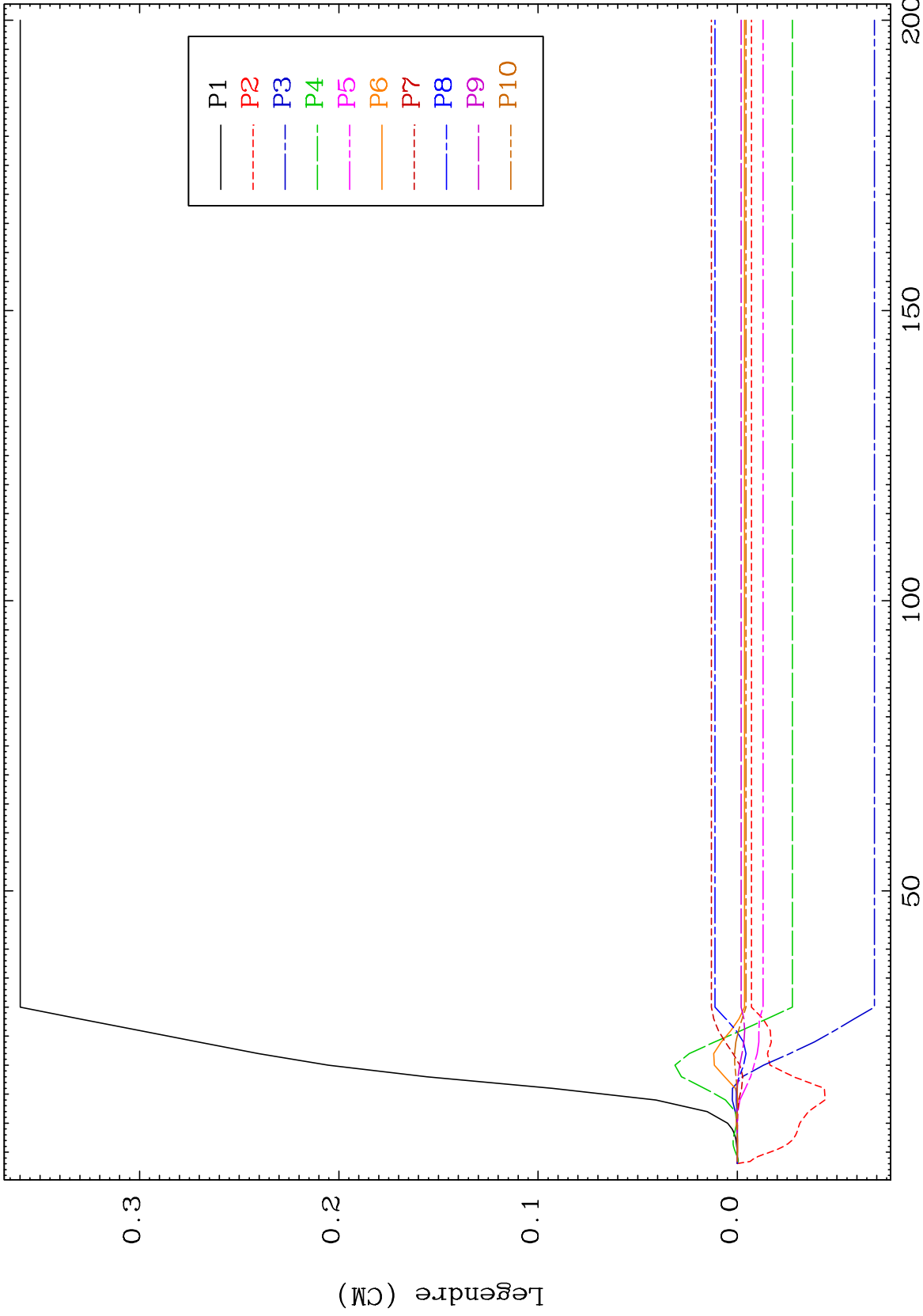
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55



75

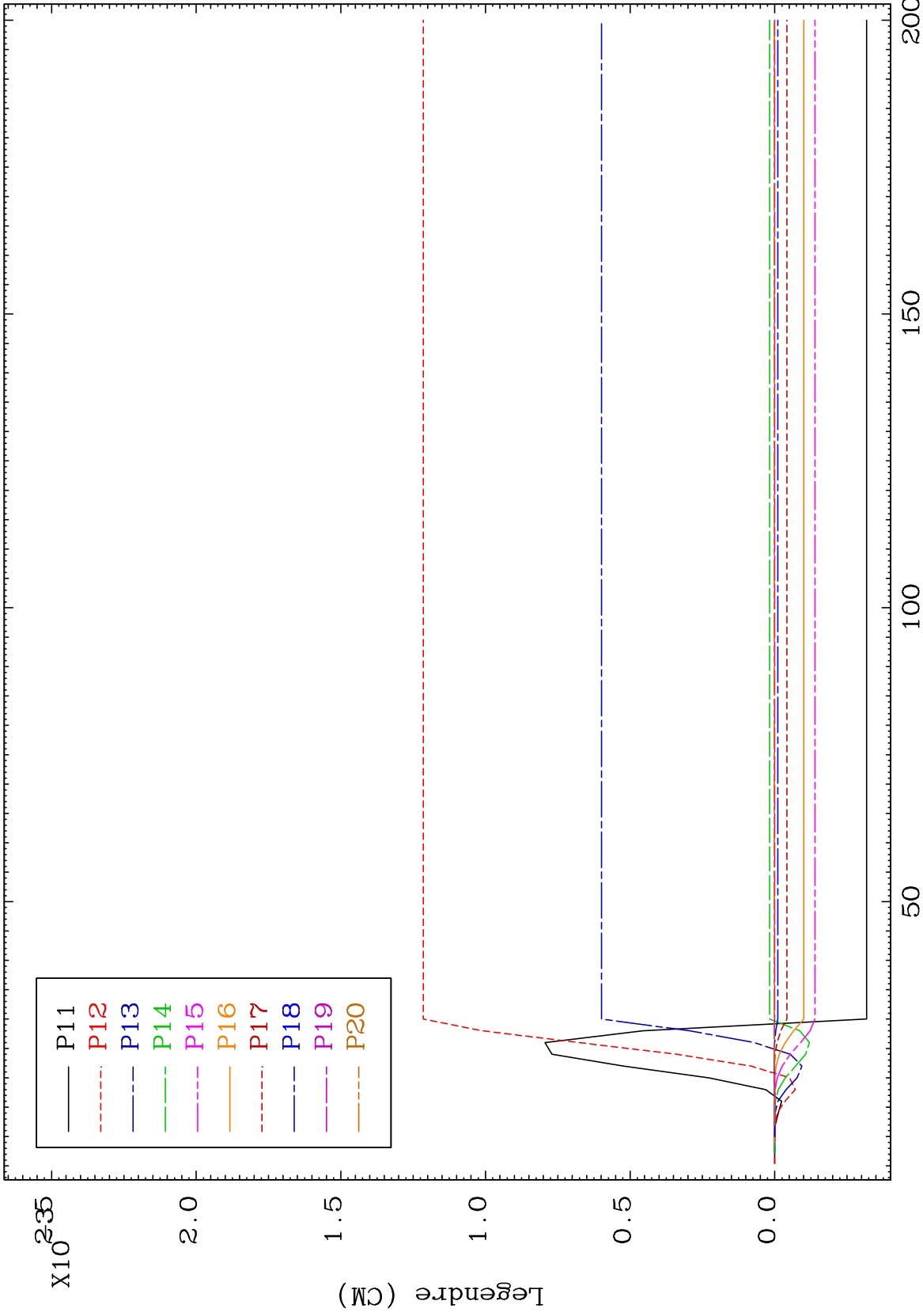
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

²⁶Fe-55



76

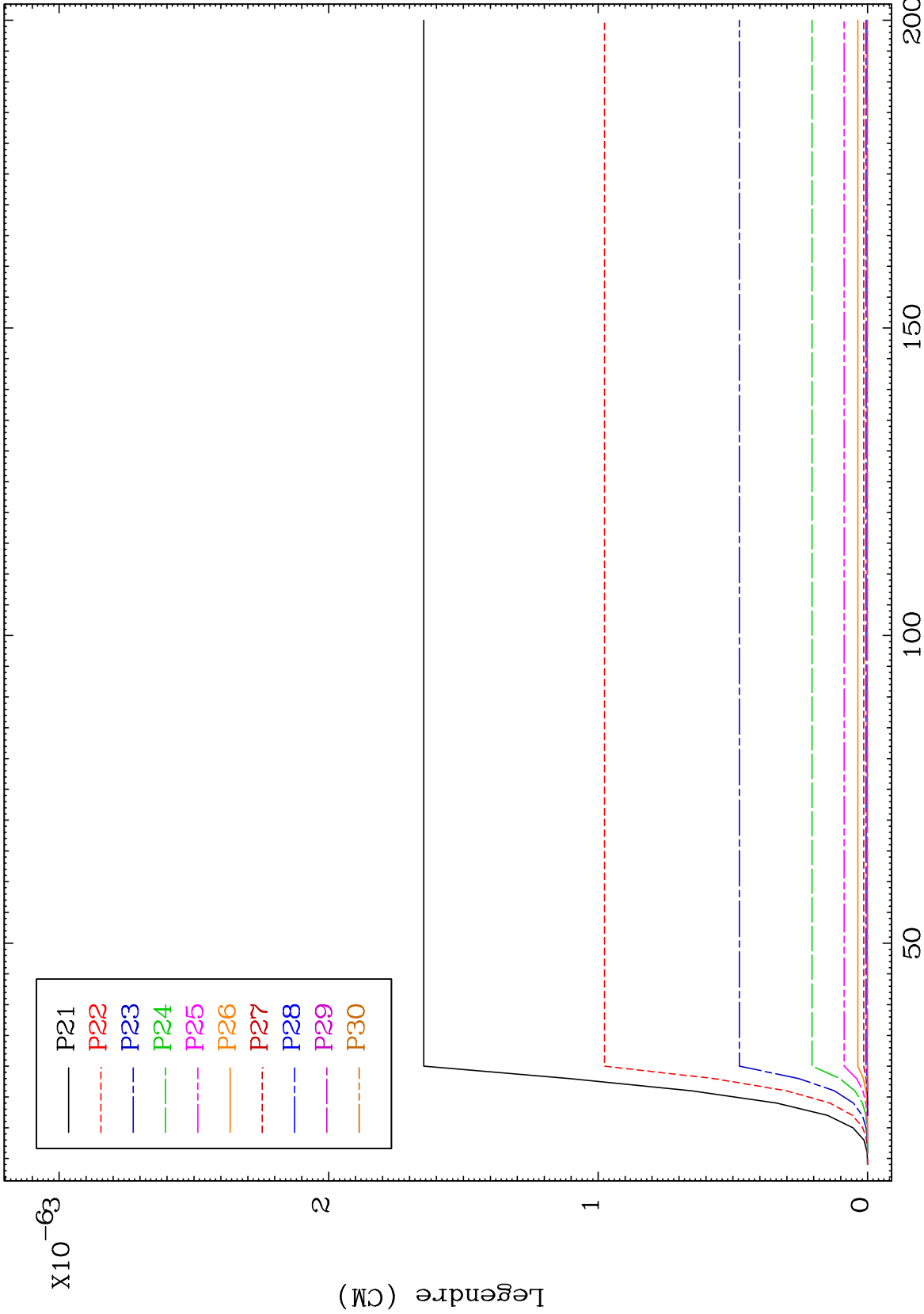
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

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

²⁶Fe-55



77

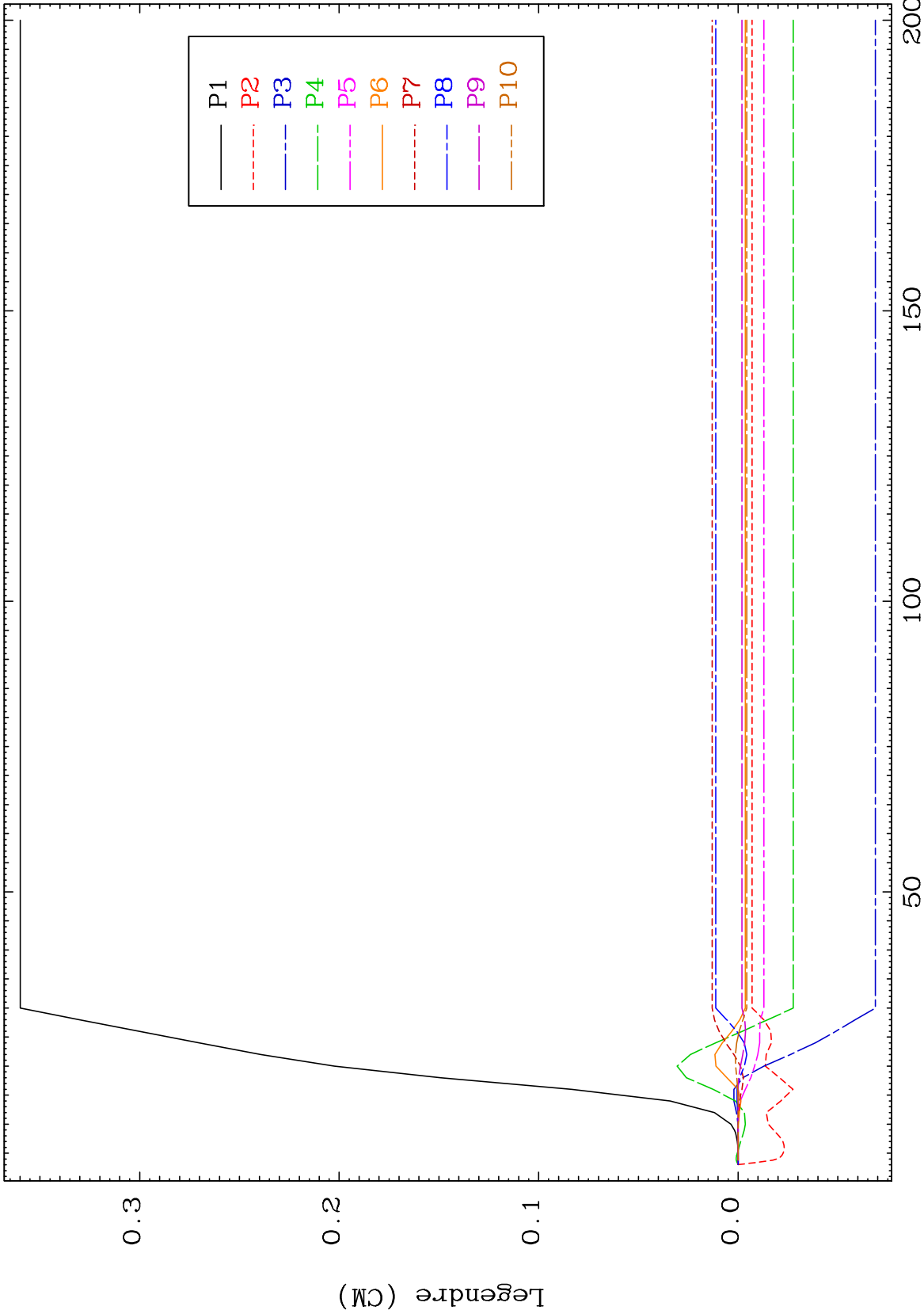
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

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

26-Fe-55



78

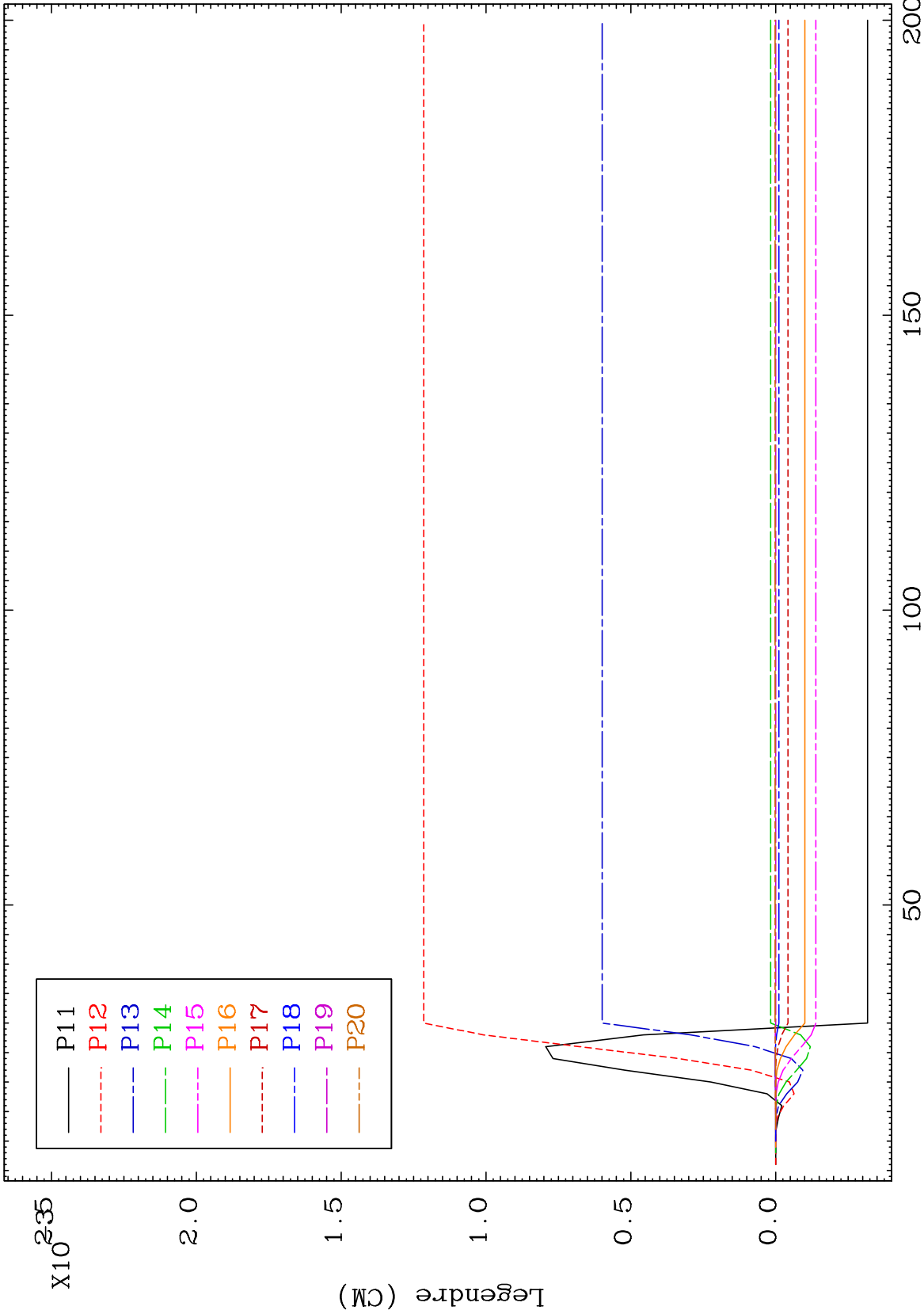
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

²⁶Fe-55



79

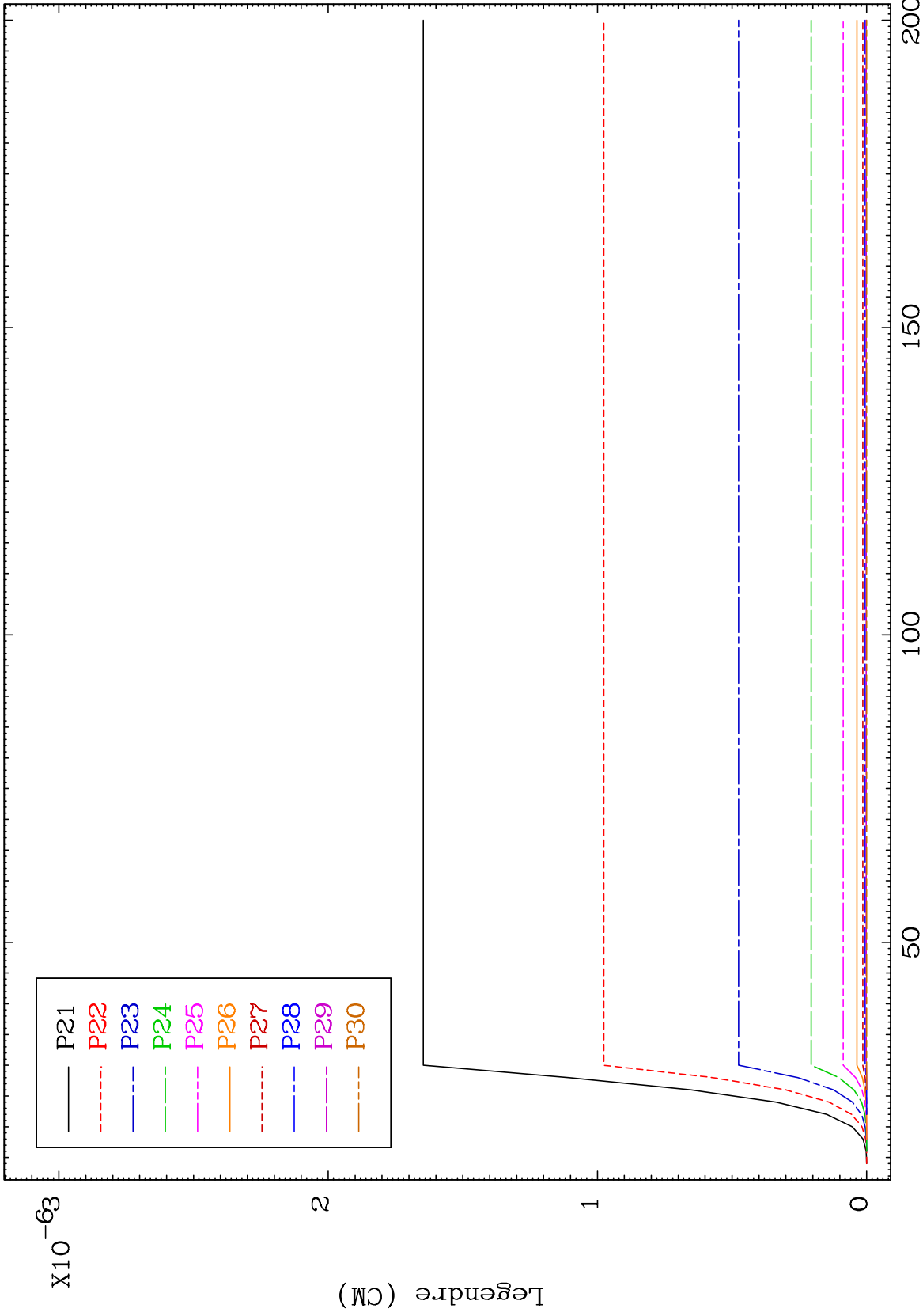
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

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

²⁶Fe-55

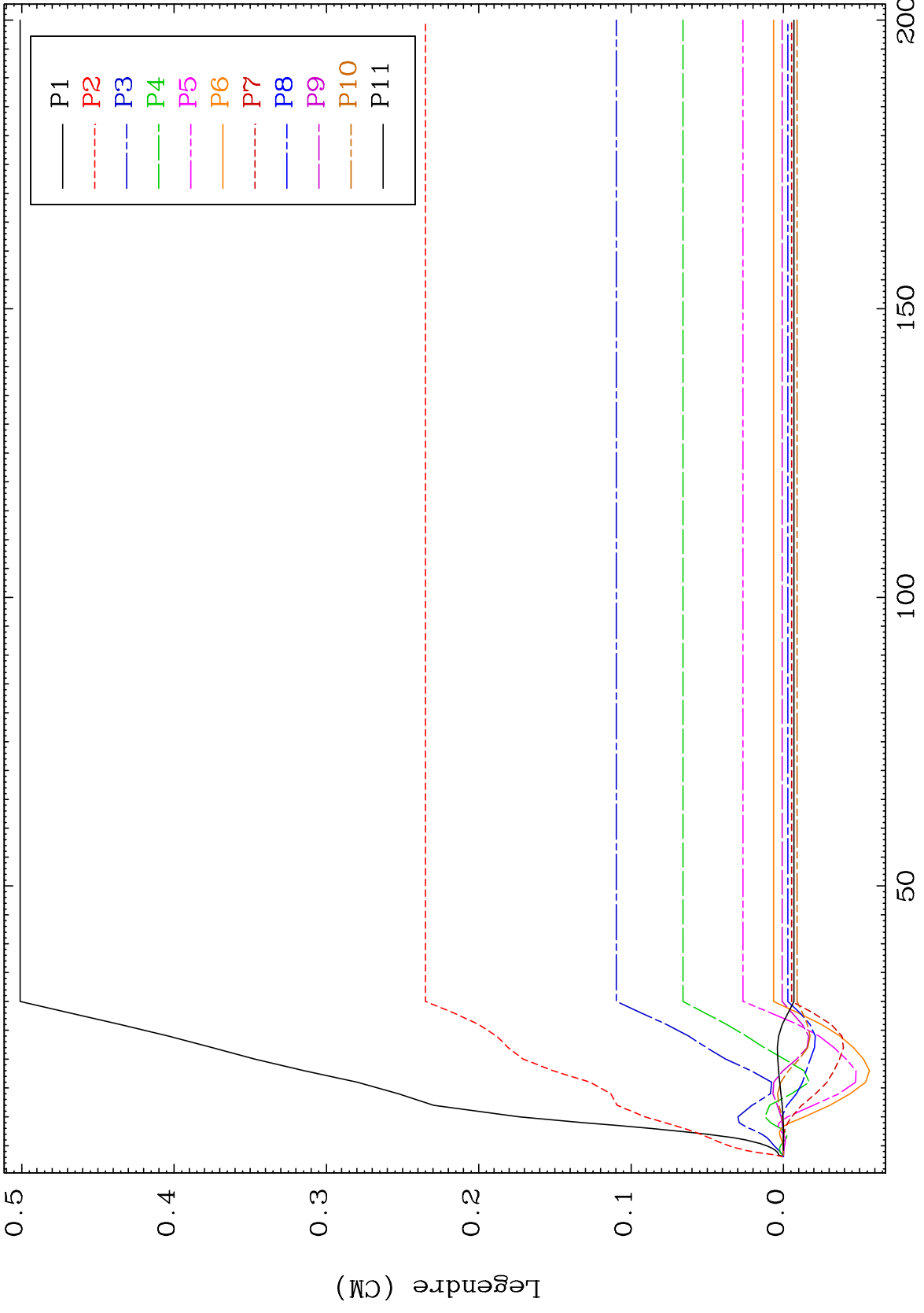


80

Incident Energy (MeV)

²⁶Fe-55

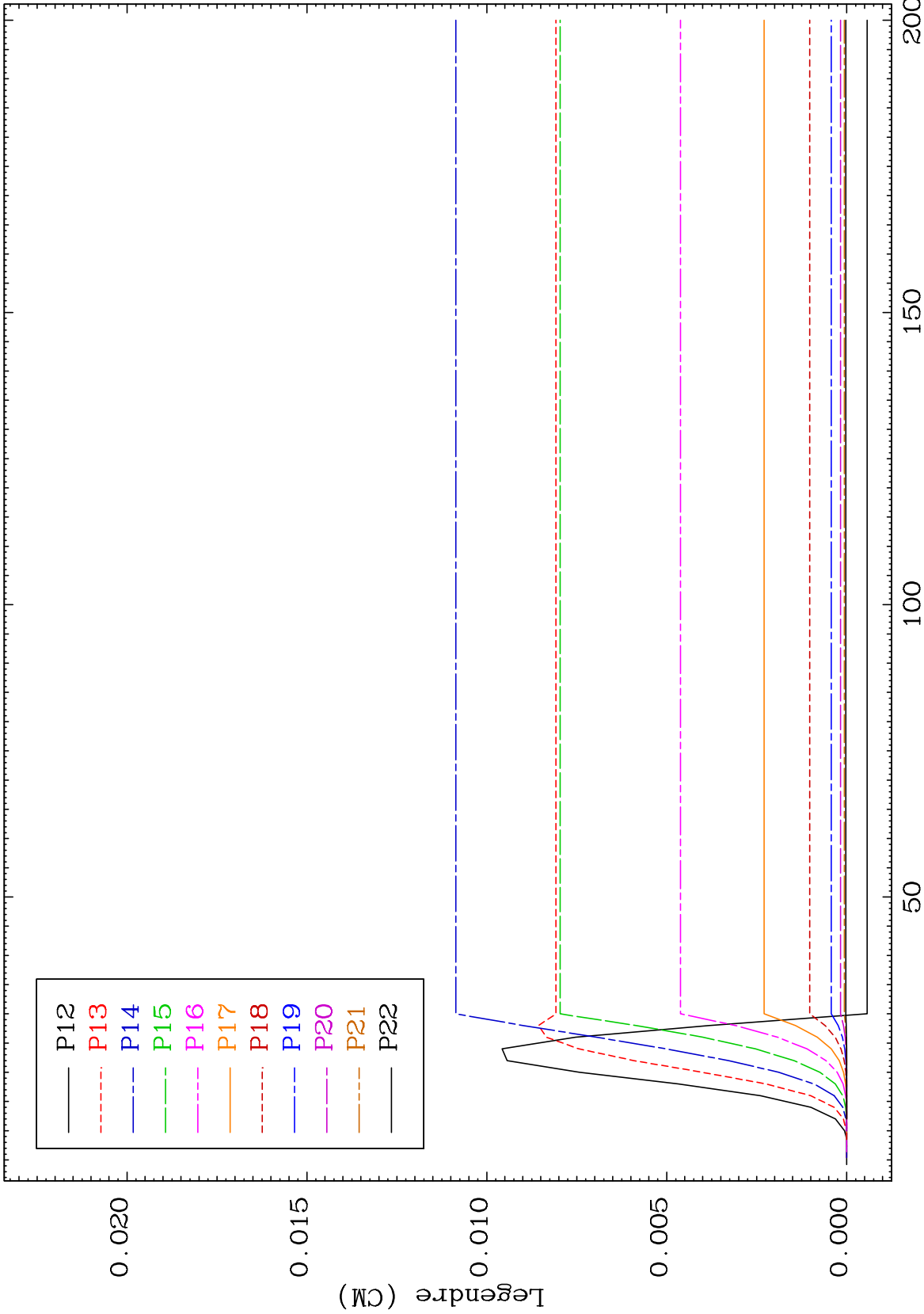
MAT 2628 MT= 72 (n,n') Level Legendre Coefficients 26-Fe-55



MAT 2628

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

²⁶Fe-55



82

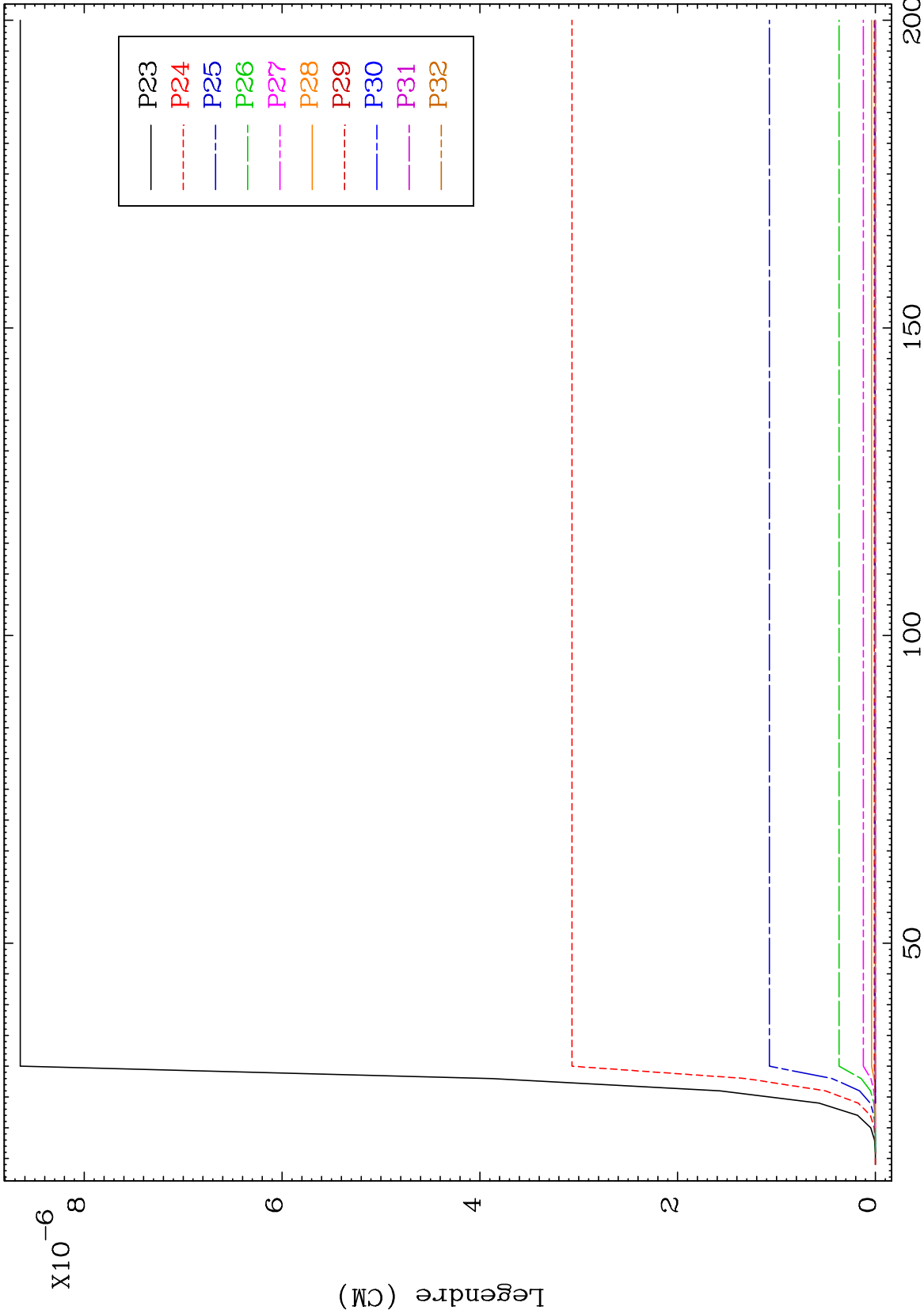
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

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

26-Fe-55



83

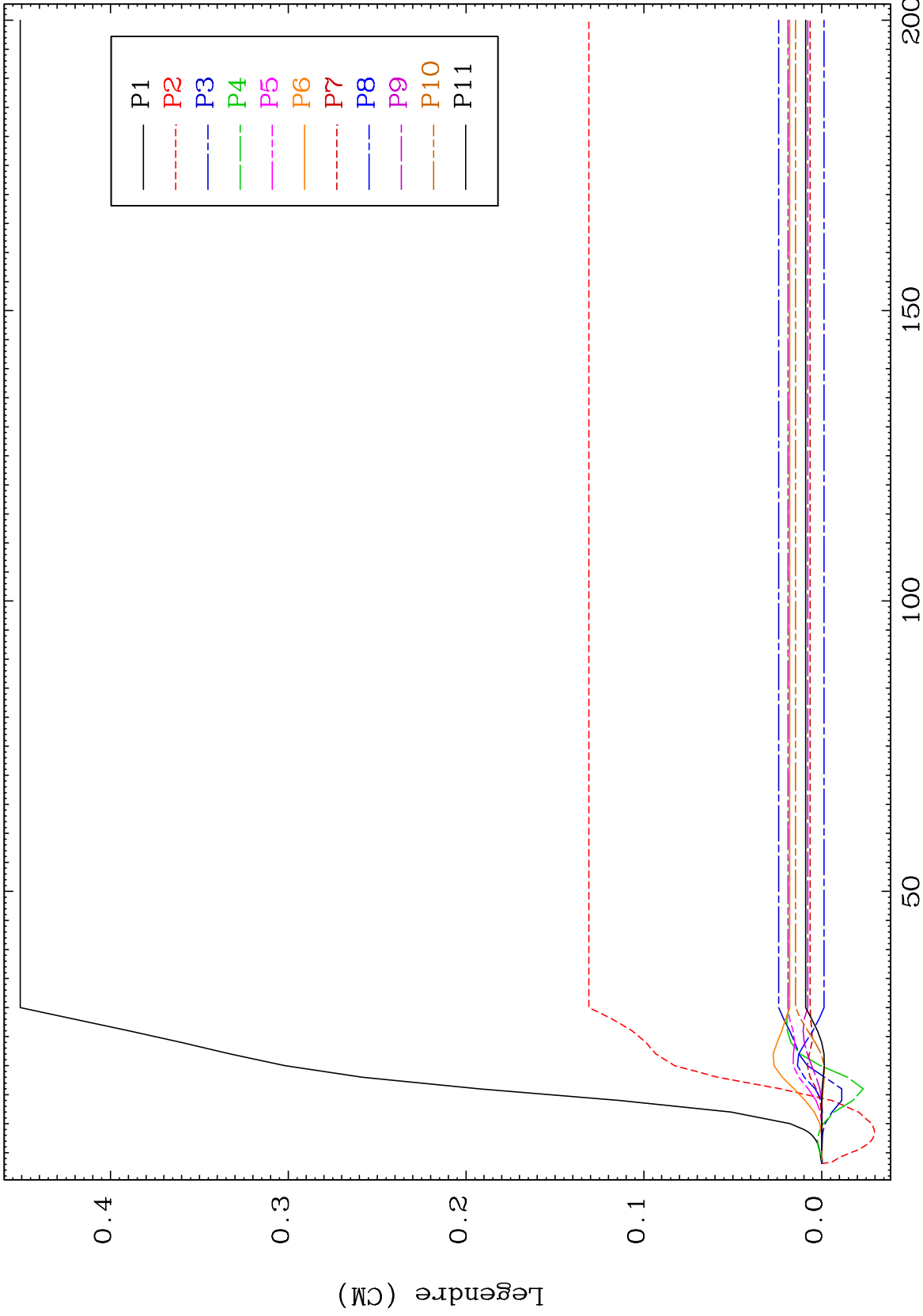
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

26-Fe-55

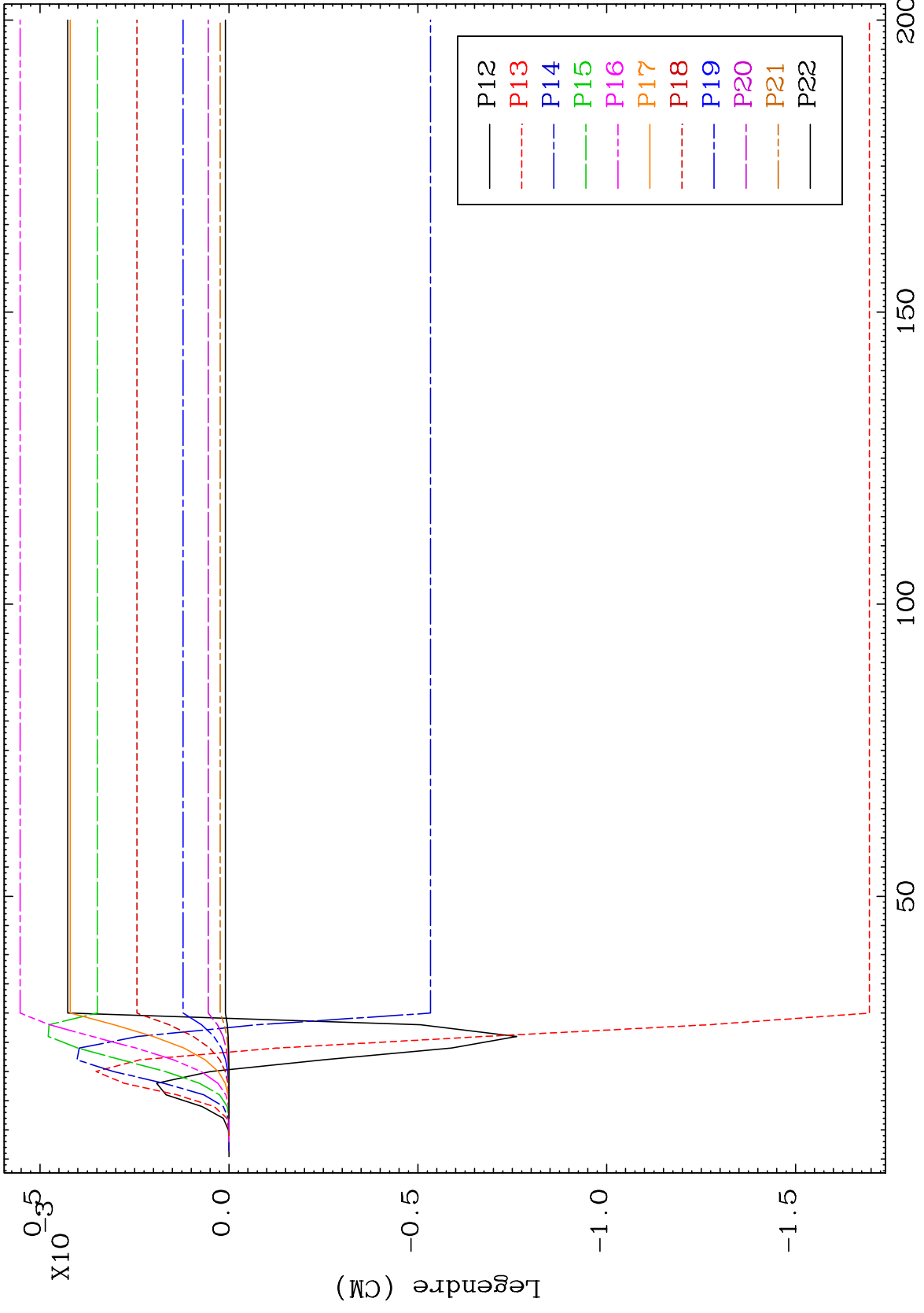


84

Incident Energy (MeV)

26-Fe-55

MAT 2628 MT= 73 (n,n') Level Legendre Coefficients 26-Fe-55

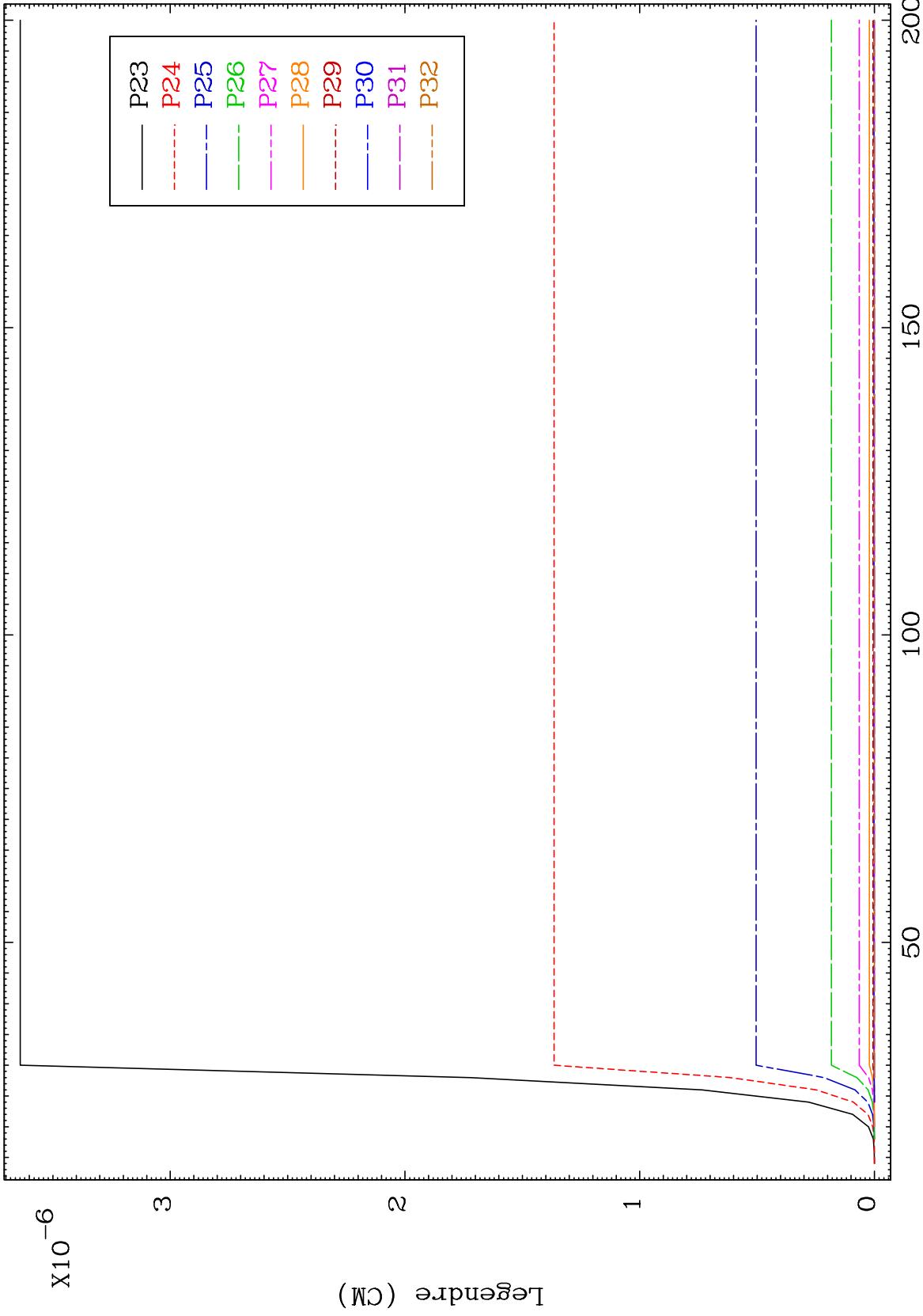


85 26-Fe-55

MAT 2628

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

26-Fe-55



86

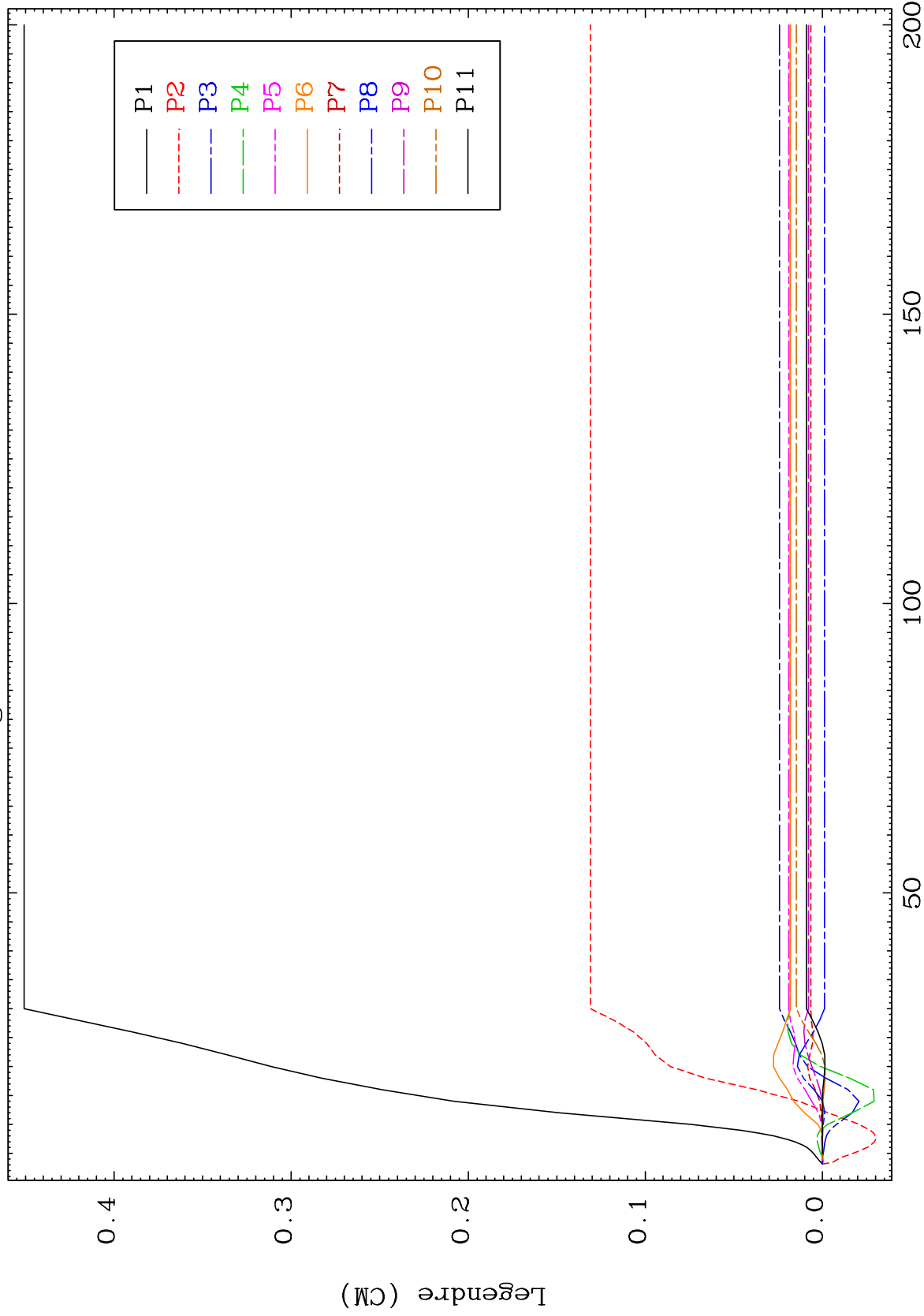
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

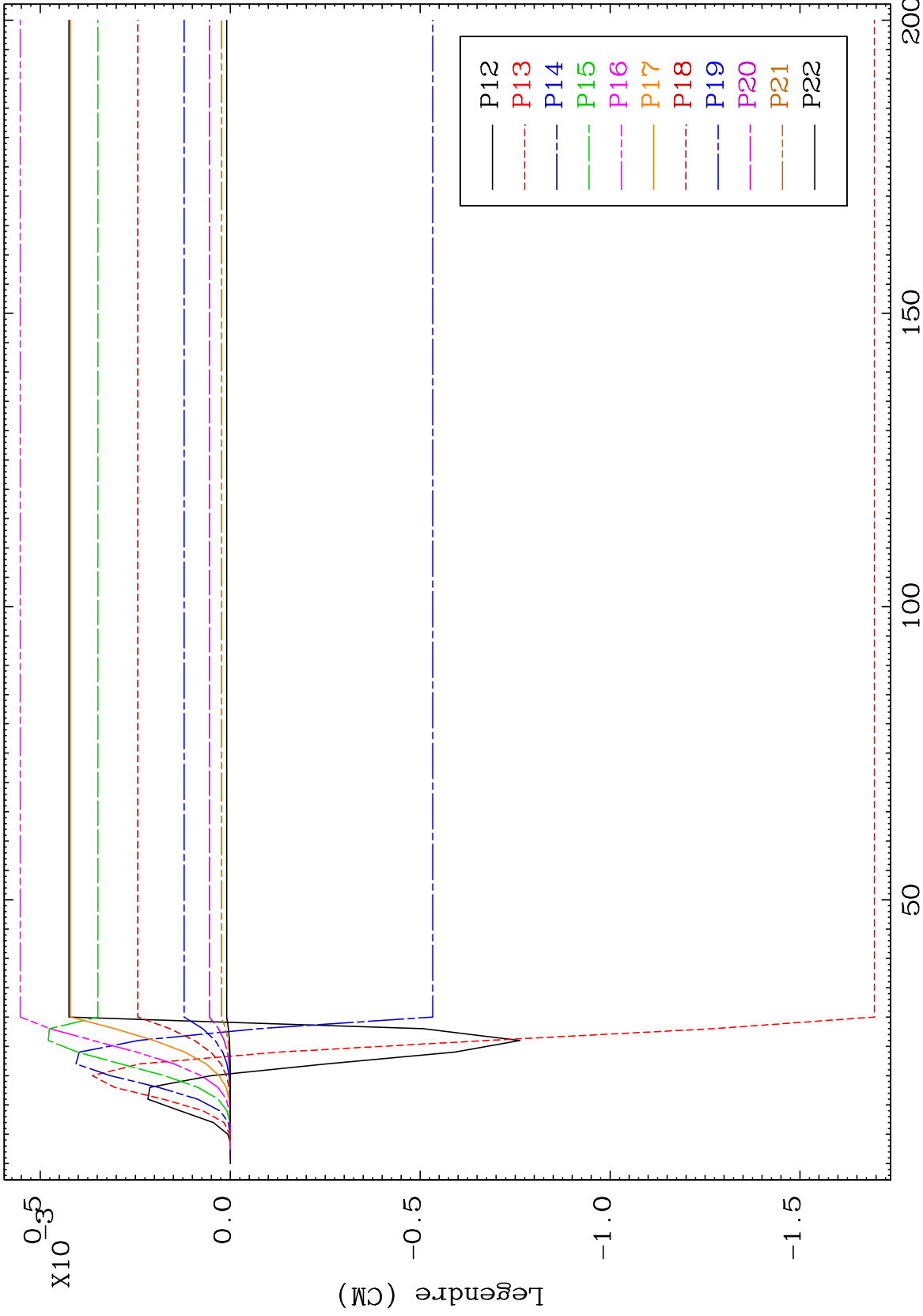
26-Fe-55



MAT 2628

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

26-Fe-55



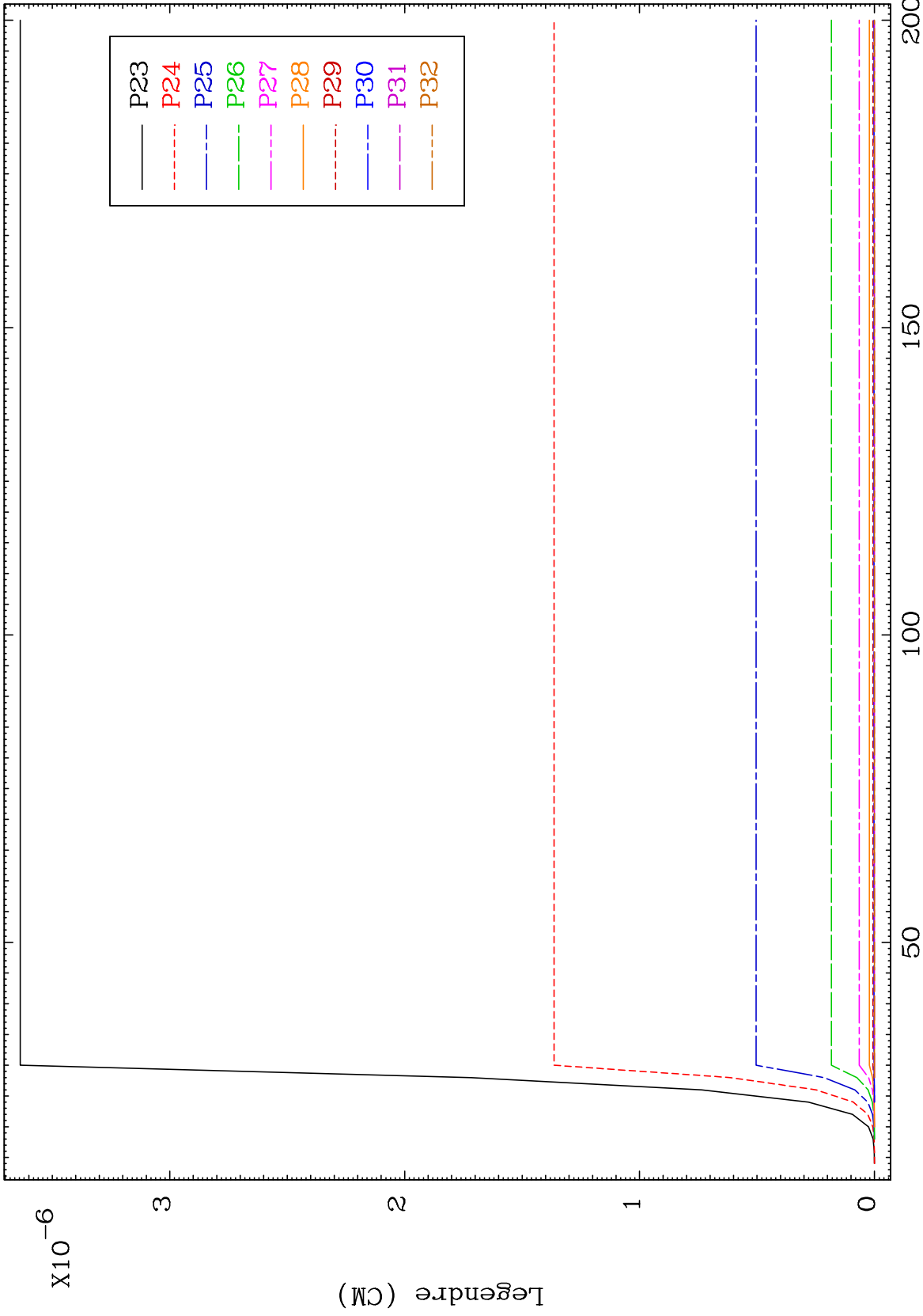
88

26-Fe-55

MAT 2628

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

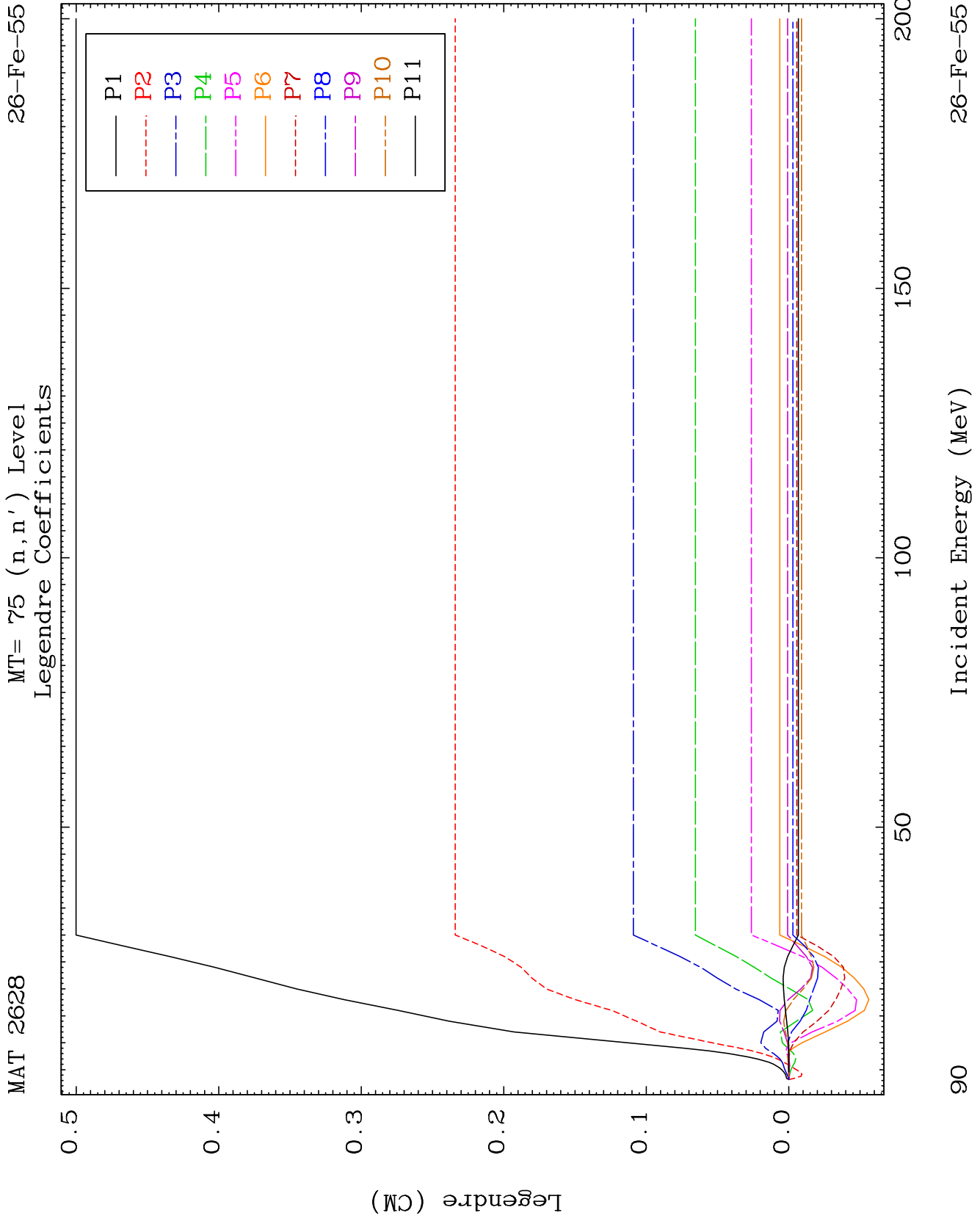
26-Fe-55



89

26-Fe-55

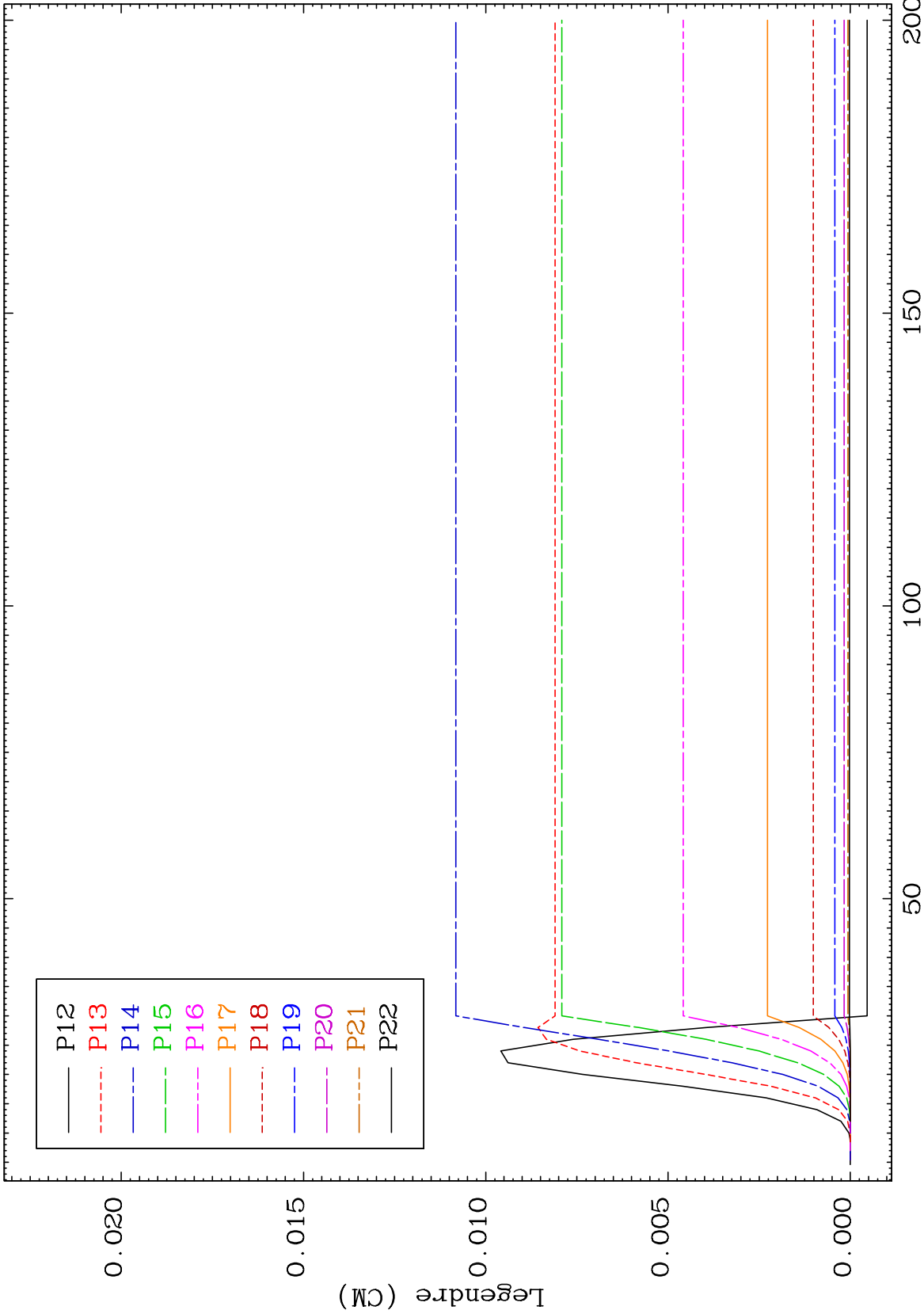
26-Fe-55



MAT 2628

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

²⁶Fe-55



91

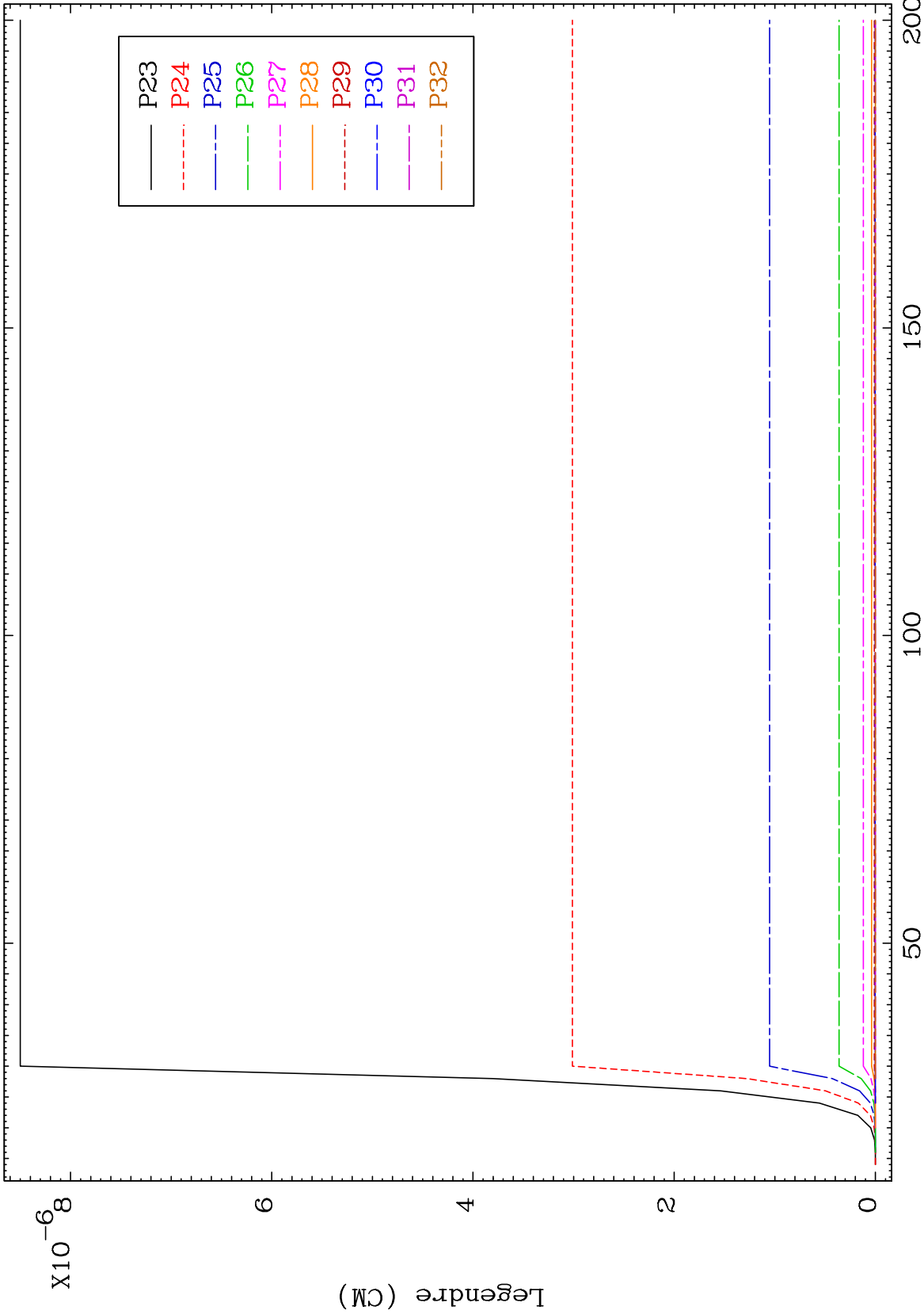
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

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

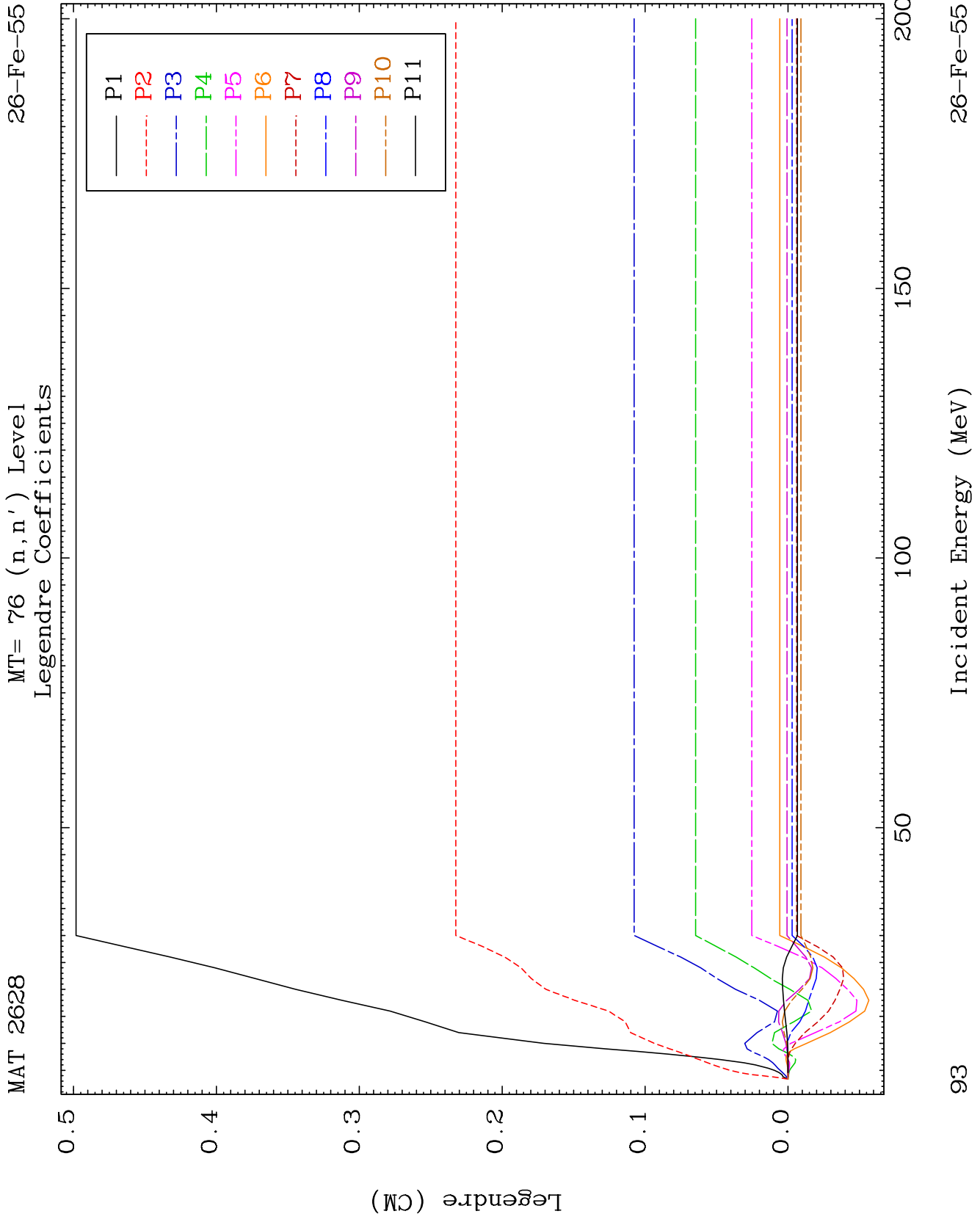
26-Fe-55



92

Incident Energy (MeV)

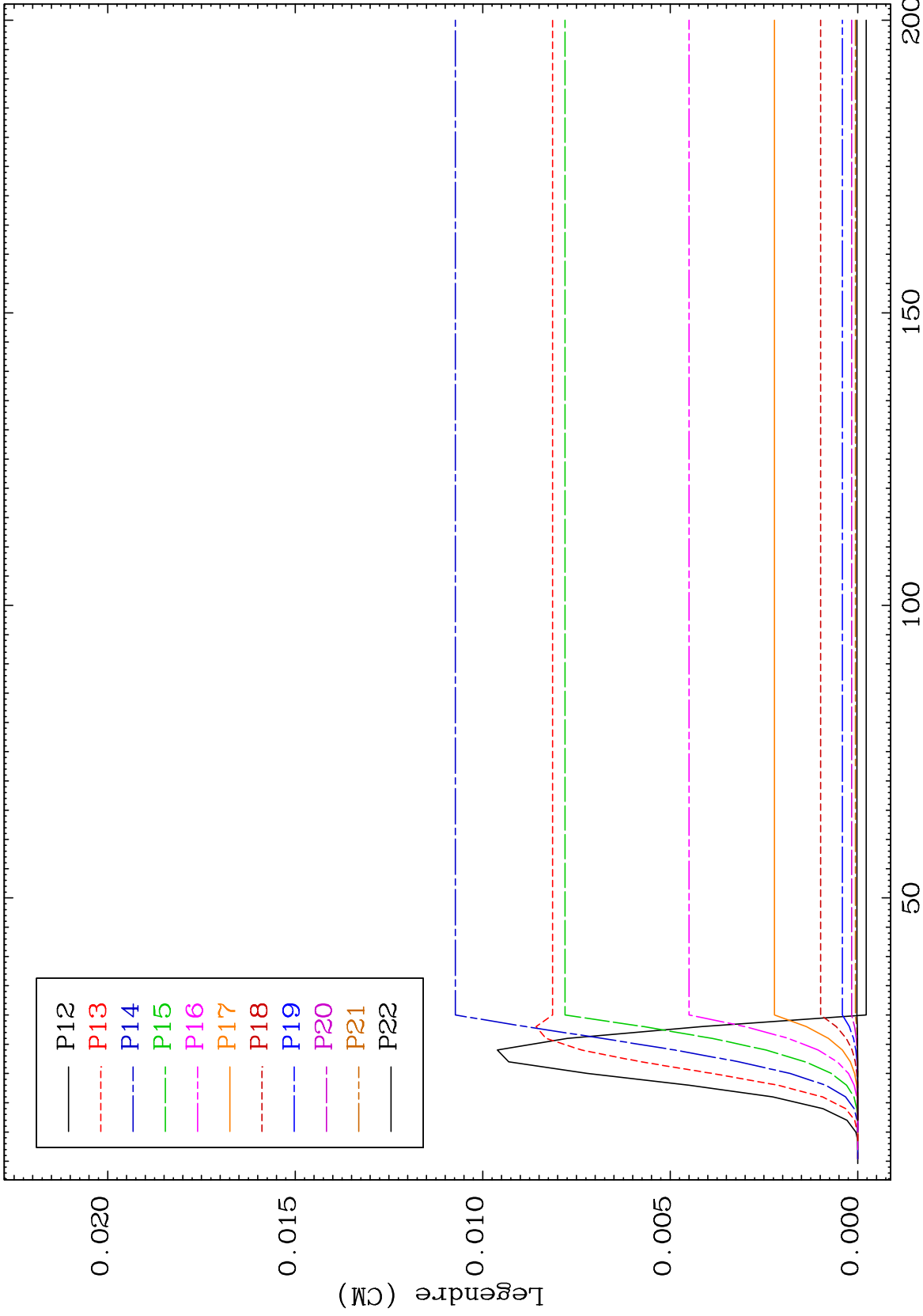
26-Fe-55



MAT 2628

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

²⁶Fe-55



94

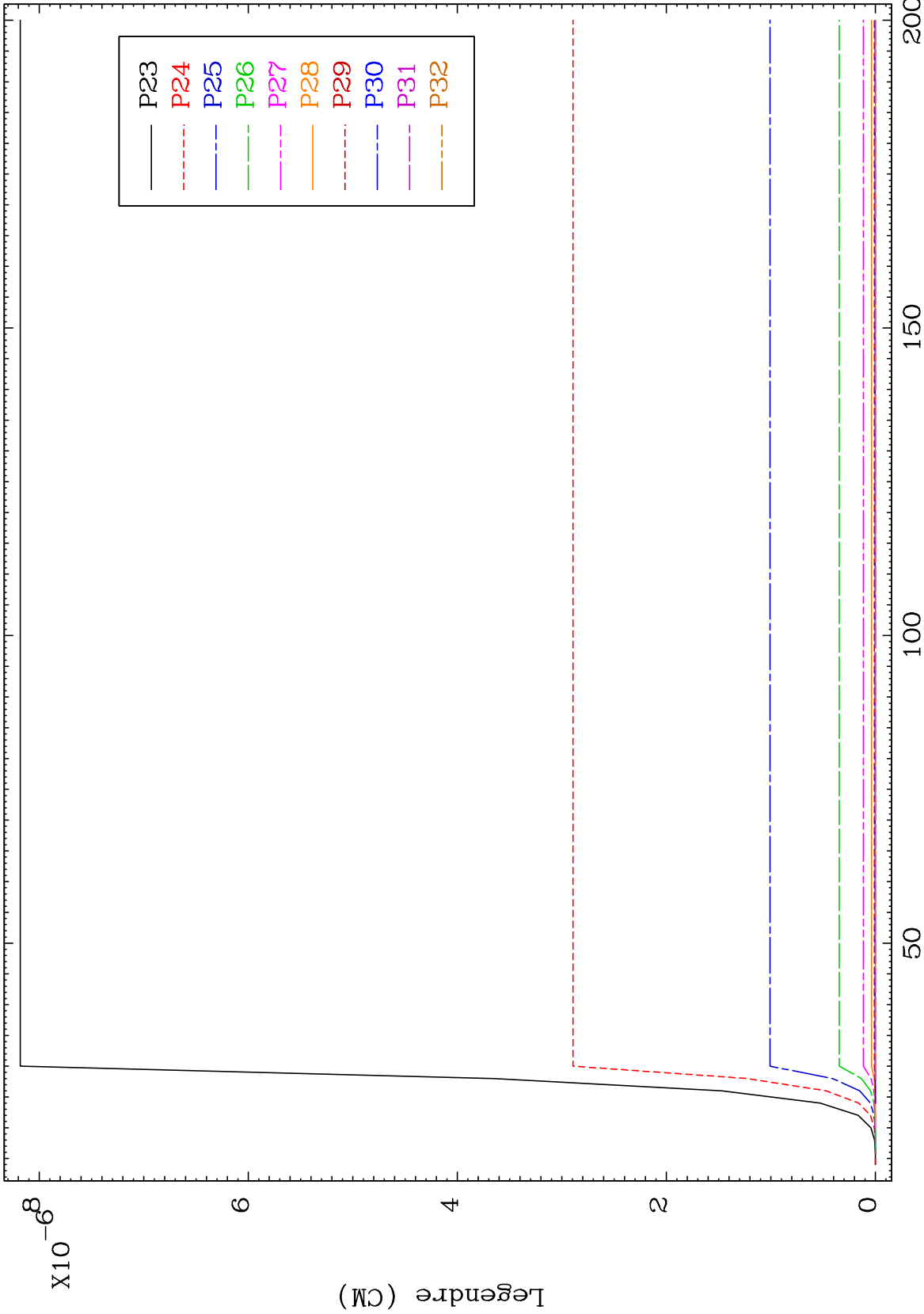
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

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

26-Fe-55



95

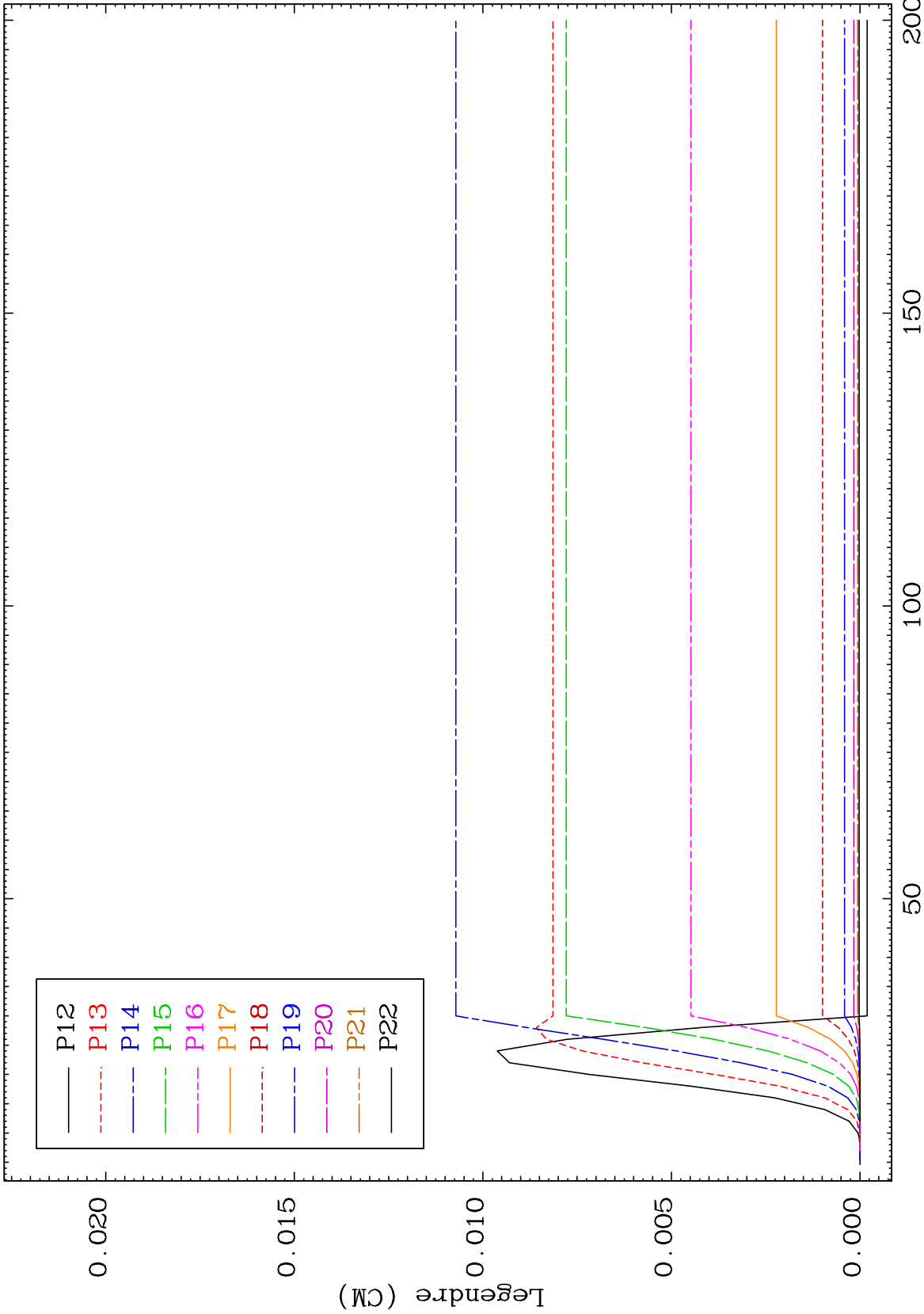
Incident Energy (MeV)

26-Fe-55

MAT 2628

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

²⁶Fe-55



97

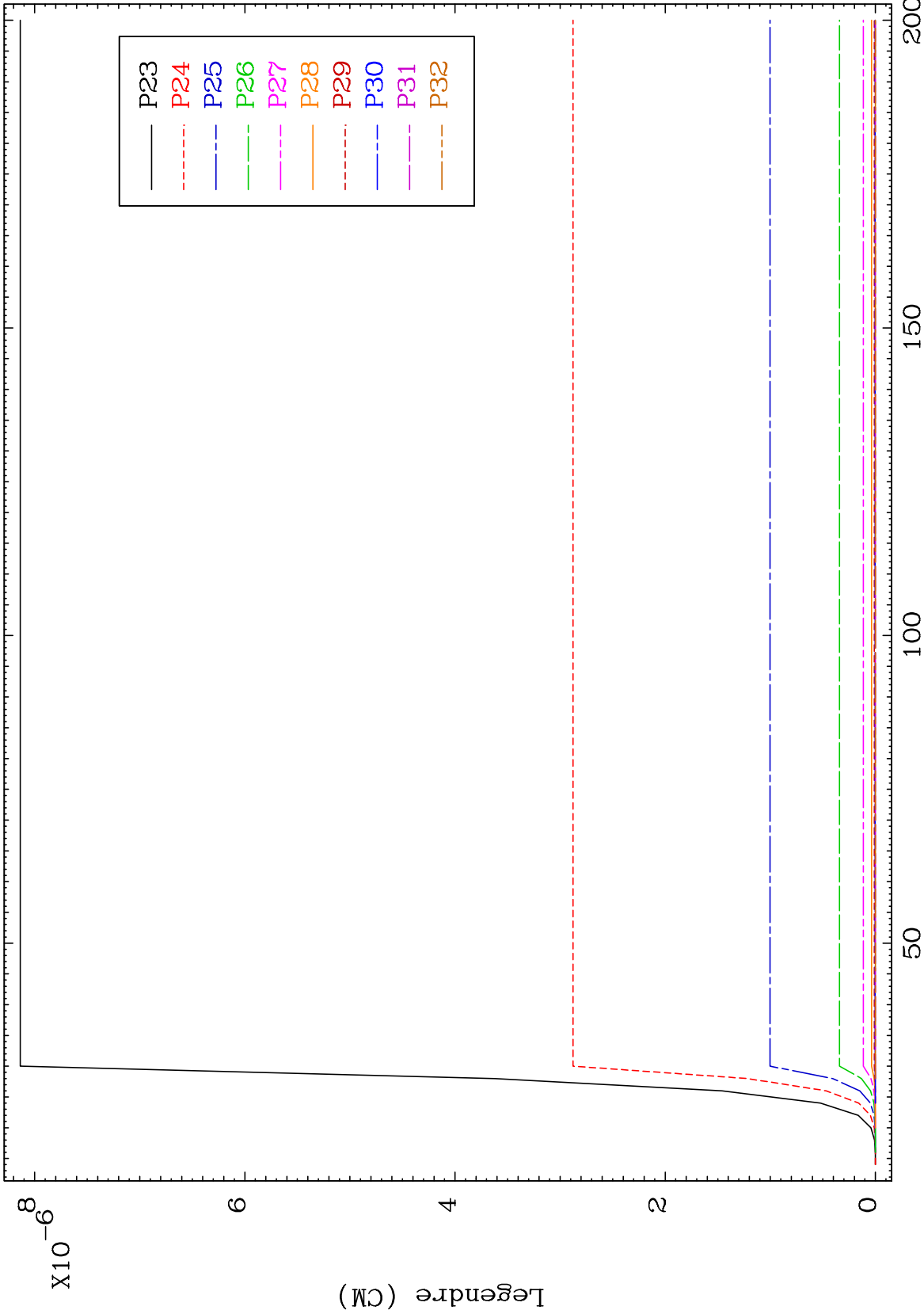
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

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

26-Fe-55

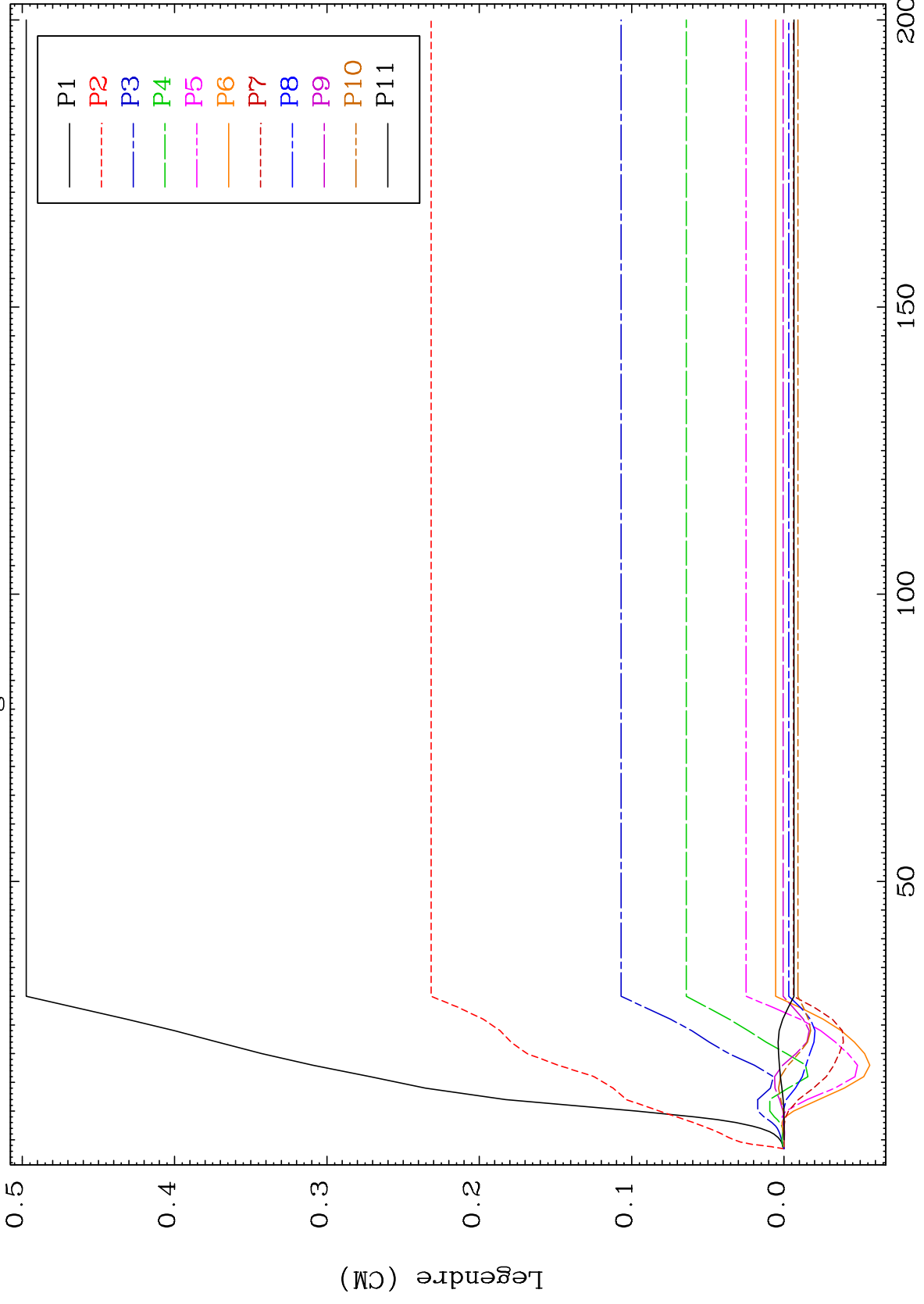


98

Incident Energy (MeV)

26-Fe-55

MAT 2628 MT= 78 (n,n') Level Legendre Coefficients 26-Fe-55

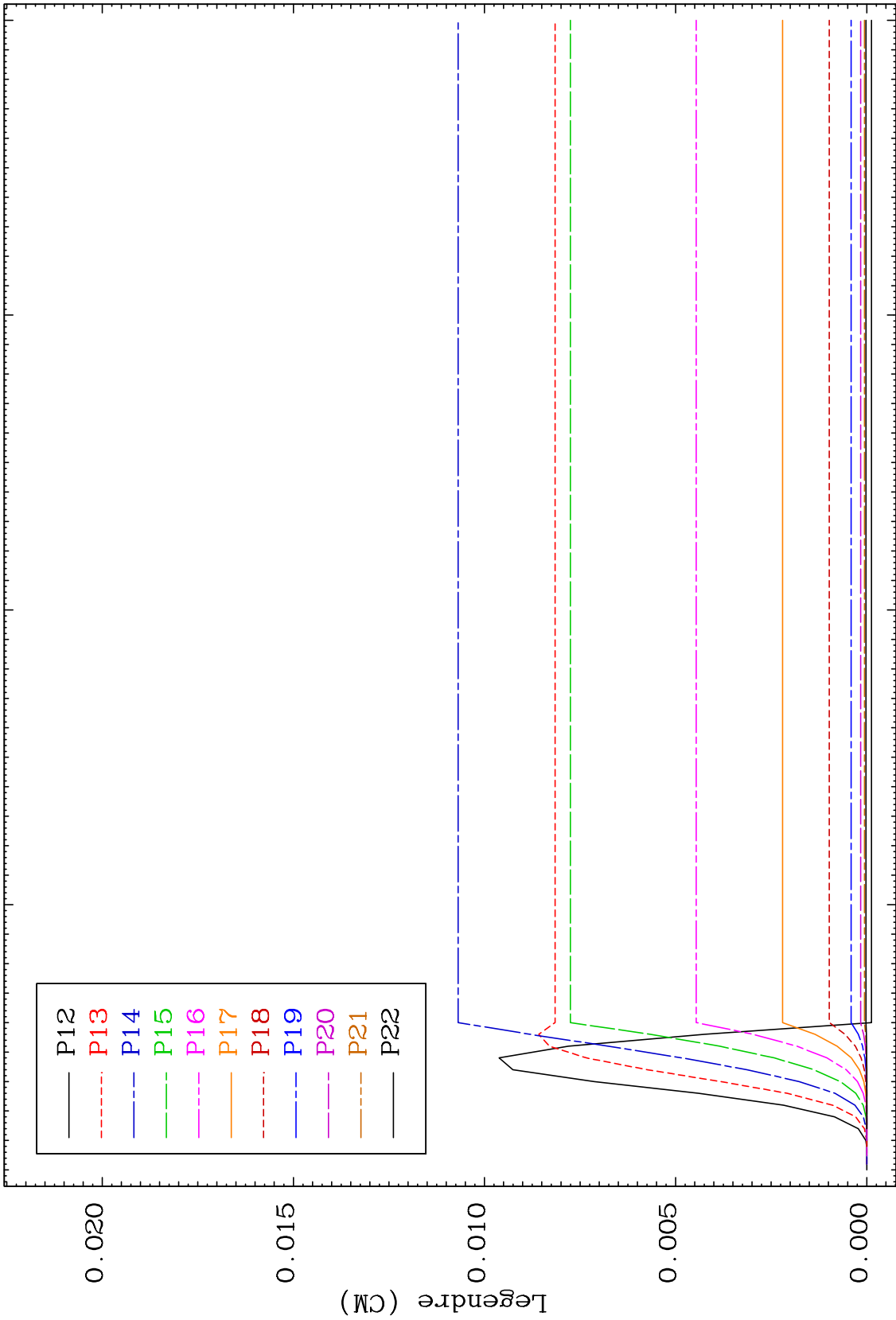


99 Incident Energy (MeV) 26-Fe-55

MAT 2628

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

²⁶Fe-55



²⁶Fe-55

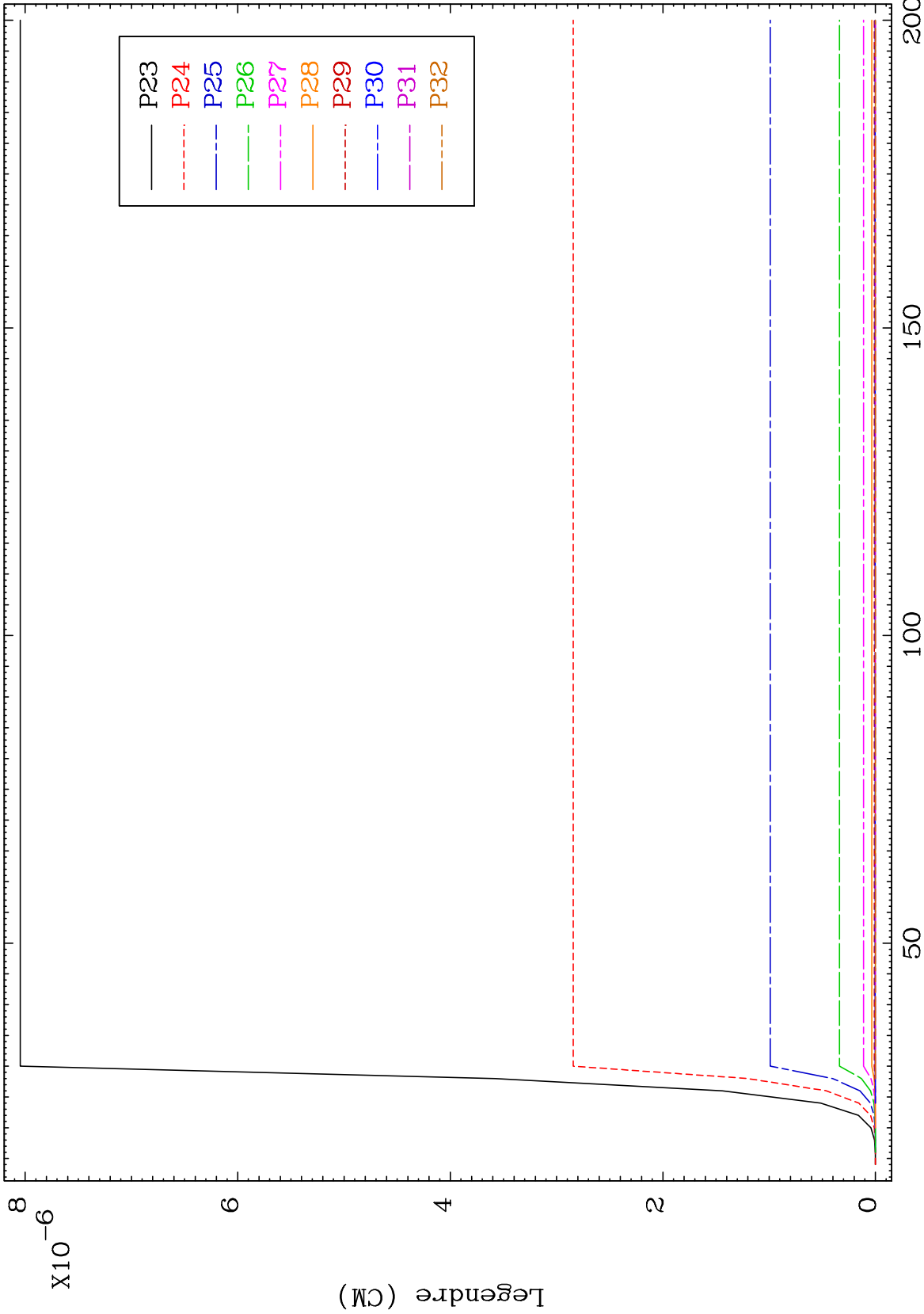
Incident Energy (MeV)

Legendre (cm)

MAT 2628

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

26-Fe-55



101

Incident Energy (MeV)

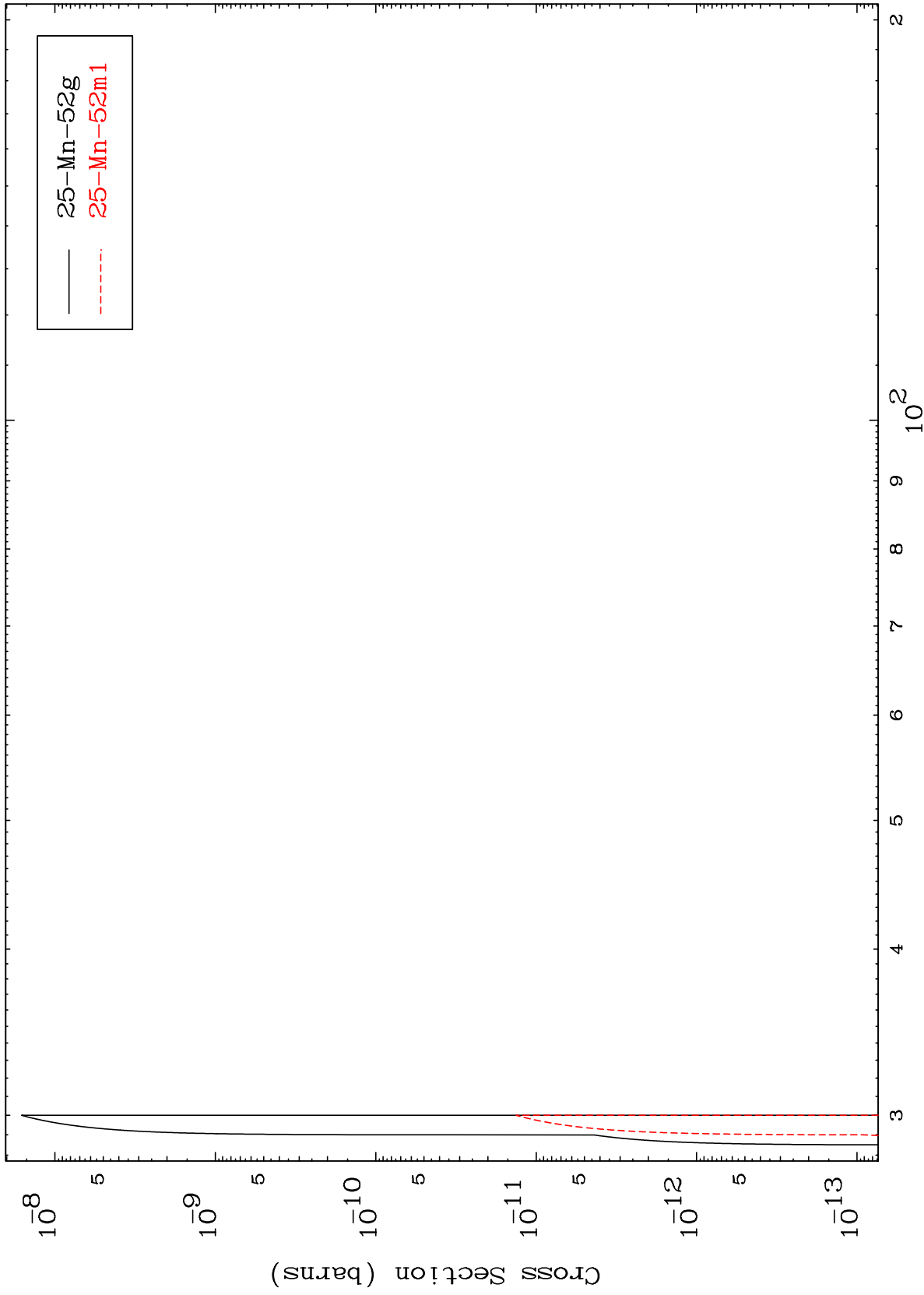
26-Fe-55

MAT 2628

(n,2n) d

²⁶Fe-55

Radionuclide Production Cross Section



102

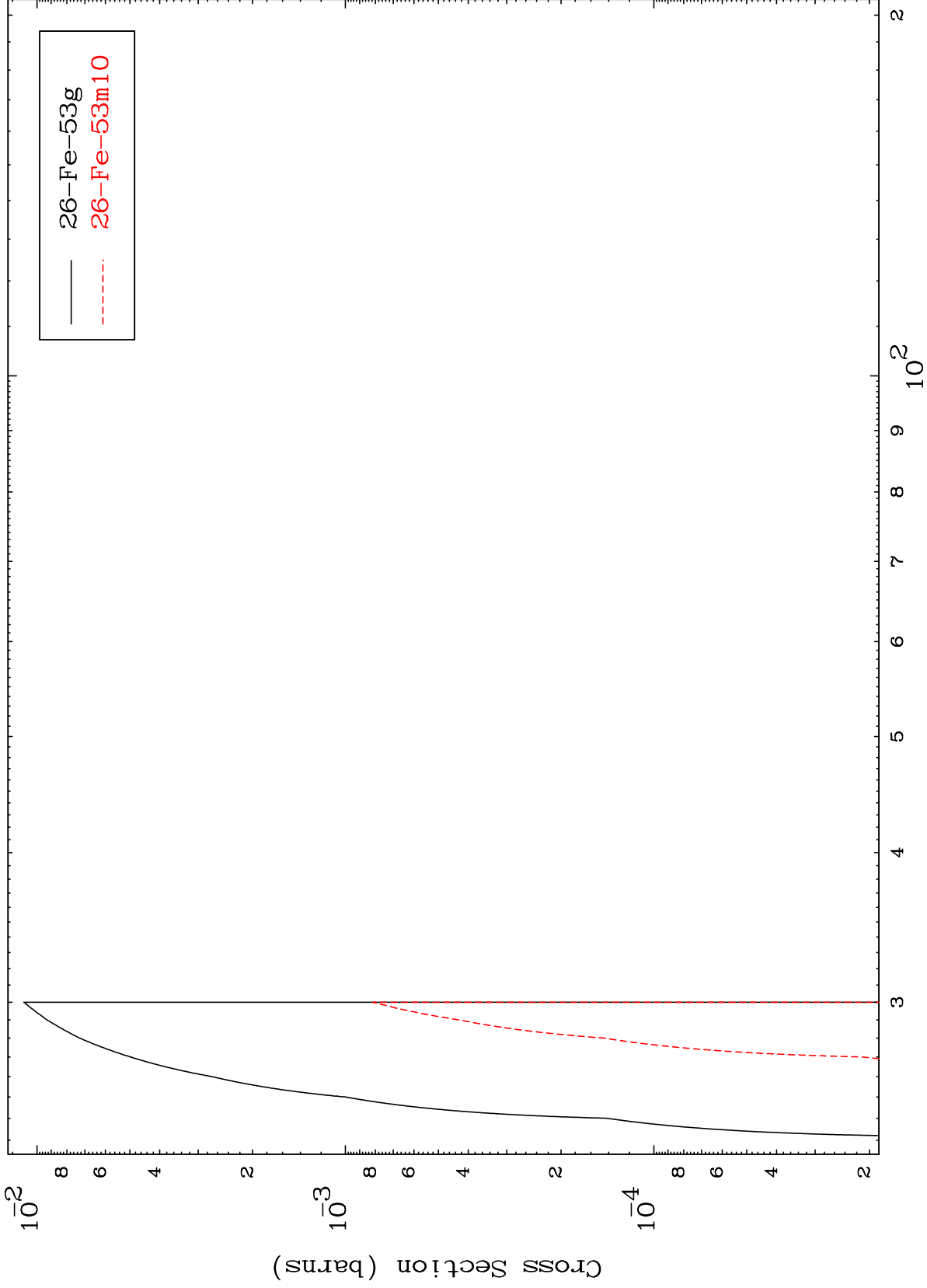
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

²⁶Fe-55

(n,3n)
Radionuclide Production Cross Section



103

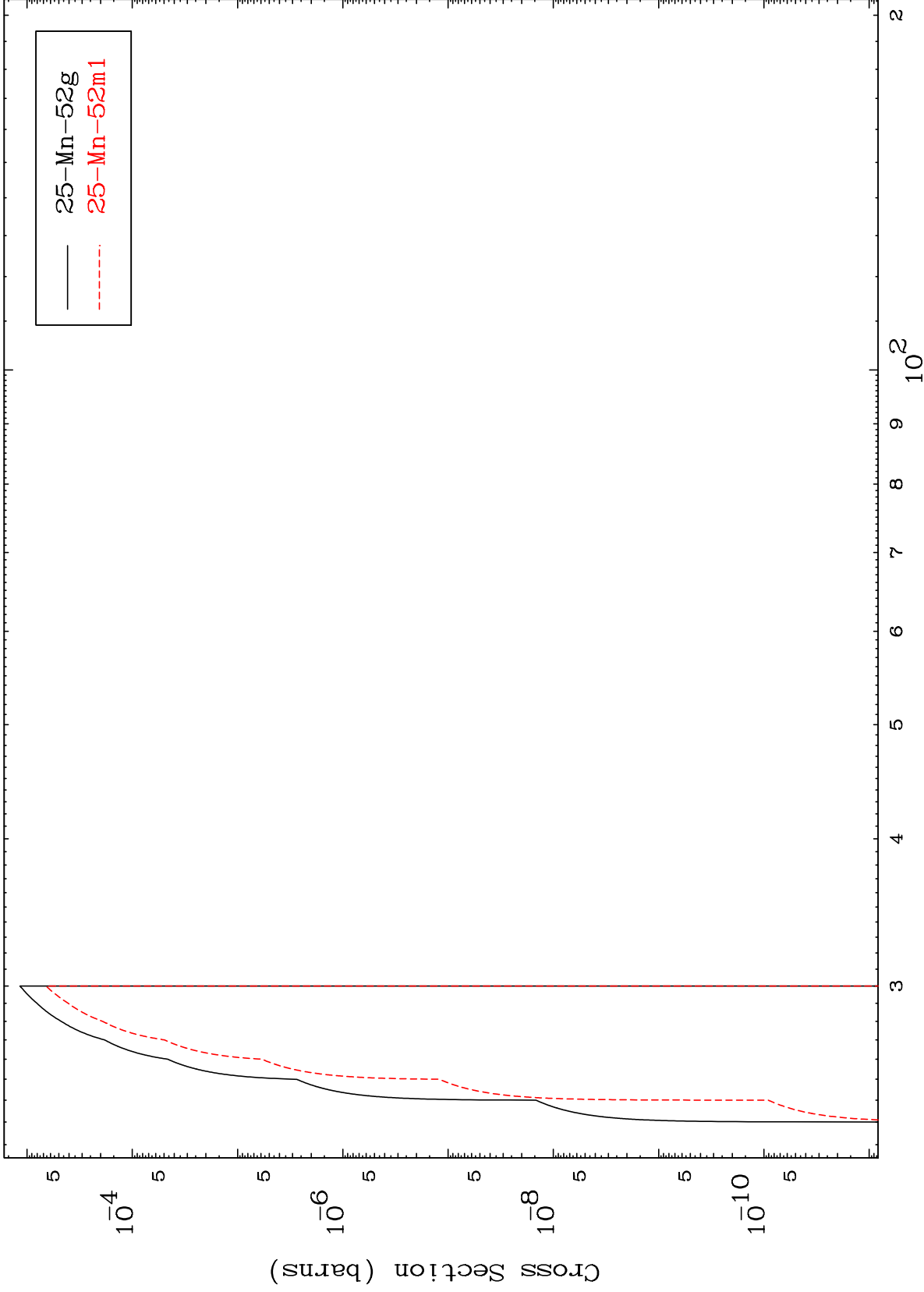
²⁶Fe-55

MAT 2628

(n,n') t

²⁶Fe-55

Radionuclide Production Cross Section



104

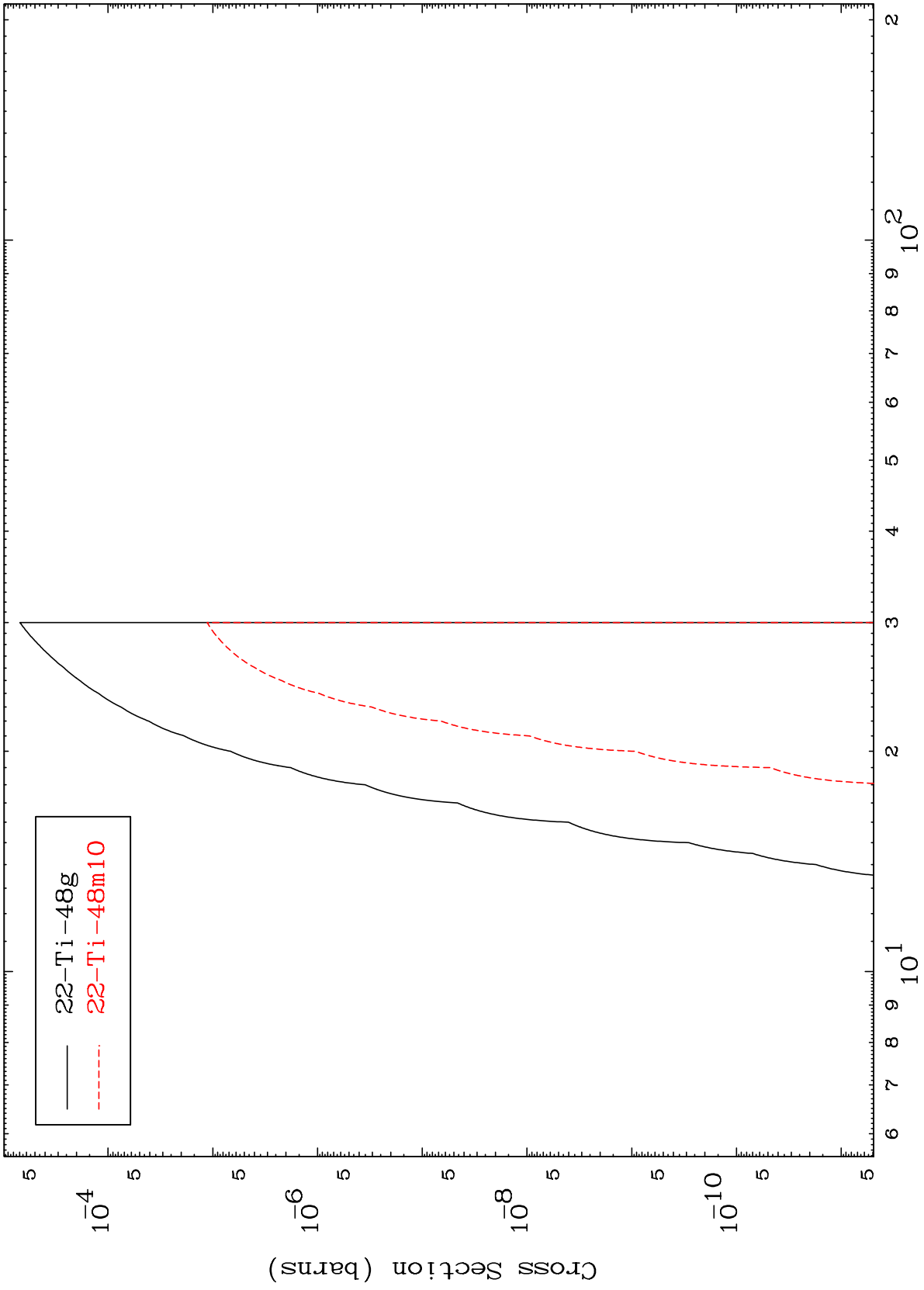
Incident Energy (MeV)

²⁶Fe-55

MAT 2628

²⁶Fe-55

Radionuclide Production Cross Section



105

Incident Energy (MeV)

²⁶Fe-55