

Program EVALPLOT
(Version 2018-1)

by

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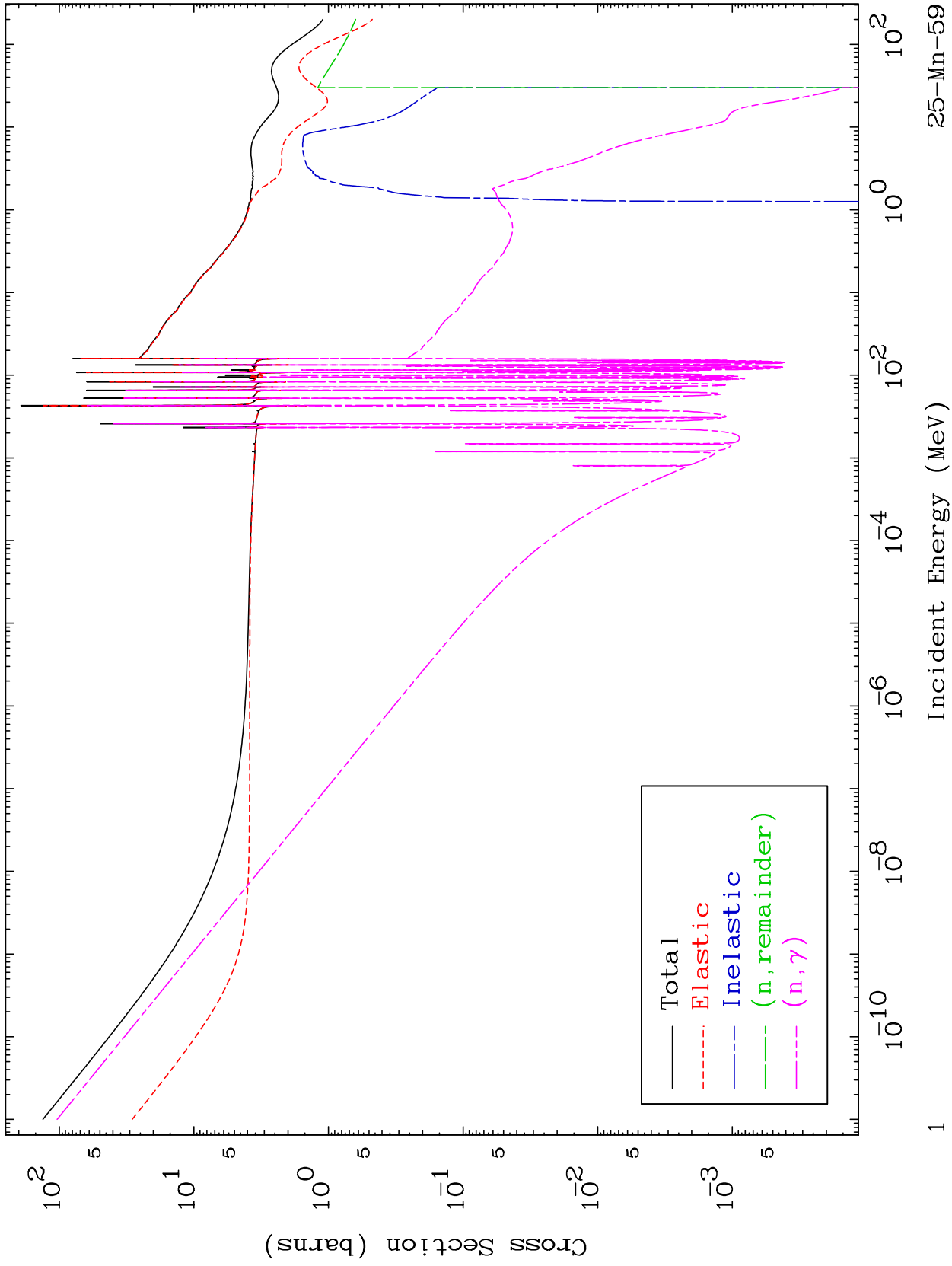
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2537

Major
293 Kelvin Cross Sections

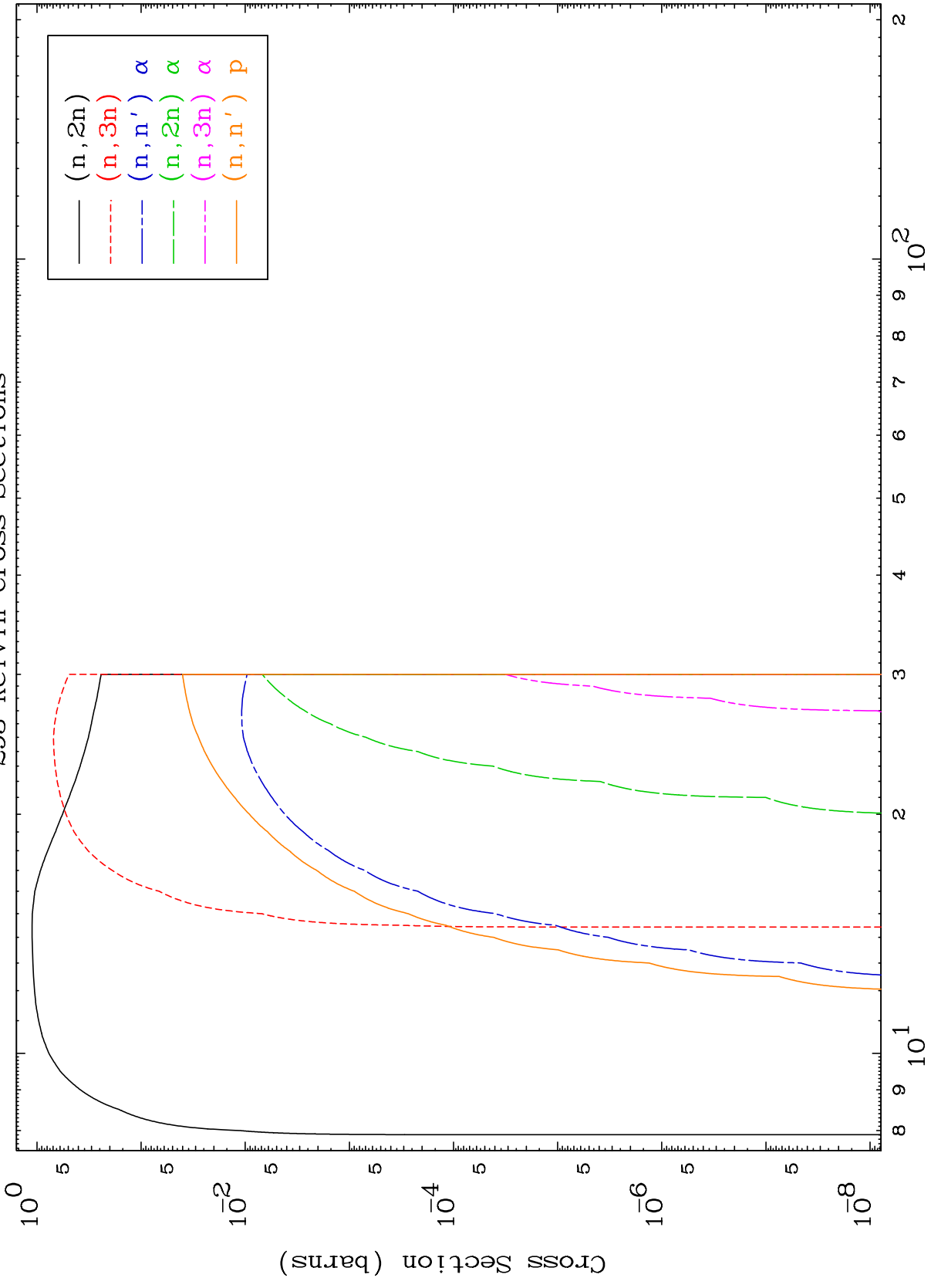
25-Mn-59



MAT 2537

Neutron Production
293 Kelvin Cross Sections

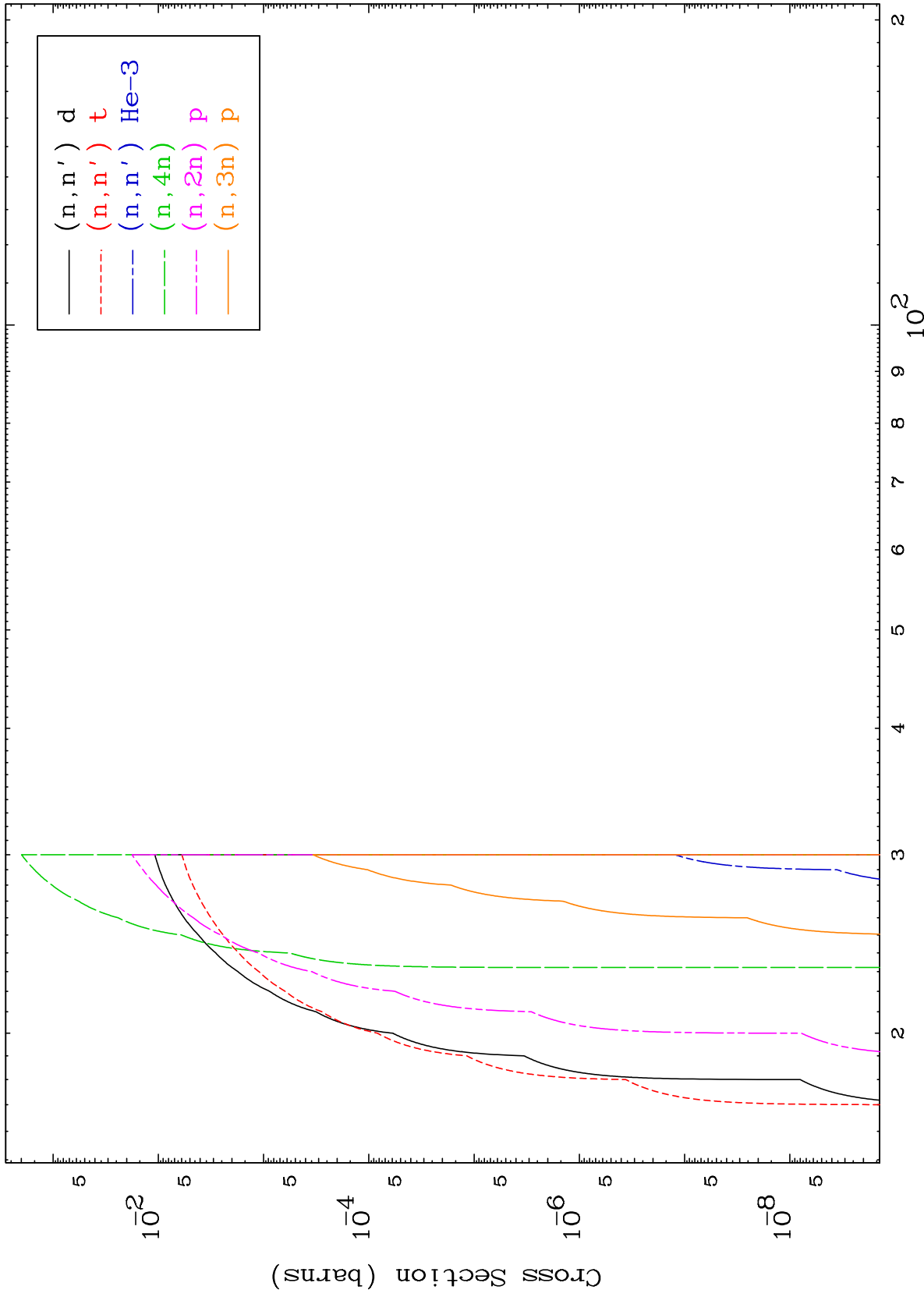
25-Mn-59



2

Incident Energy (MeV)

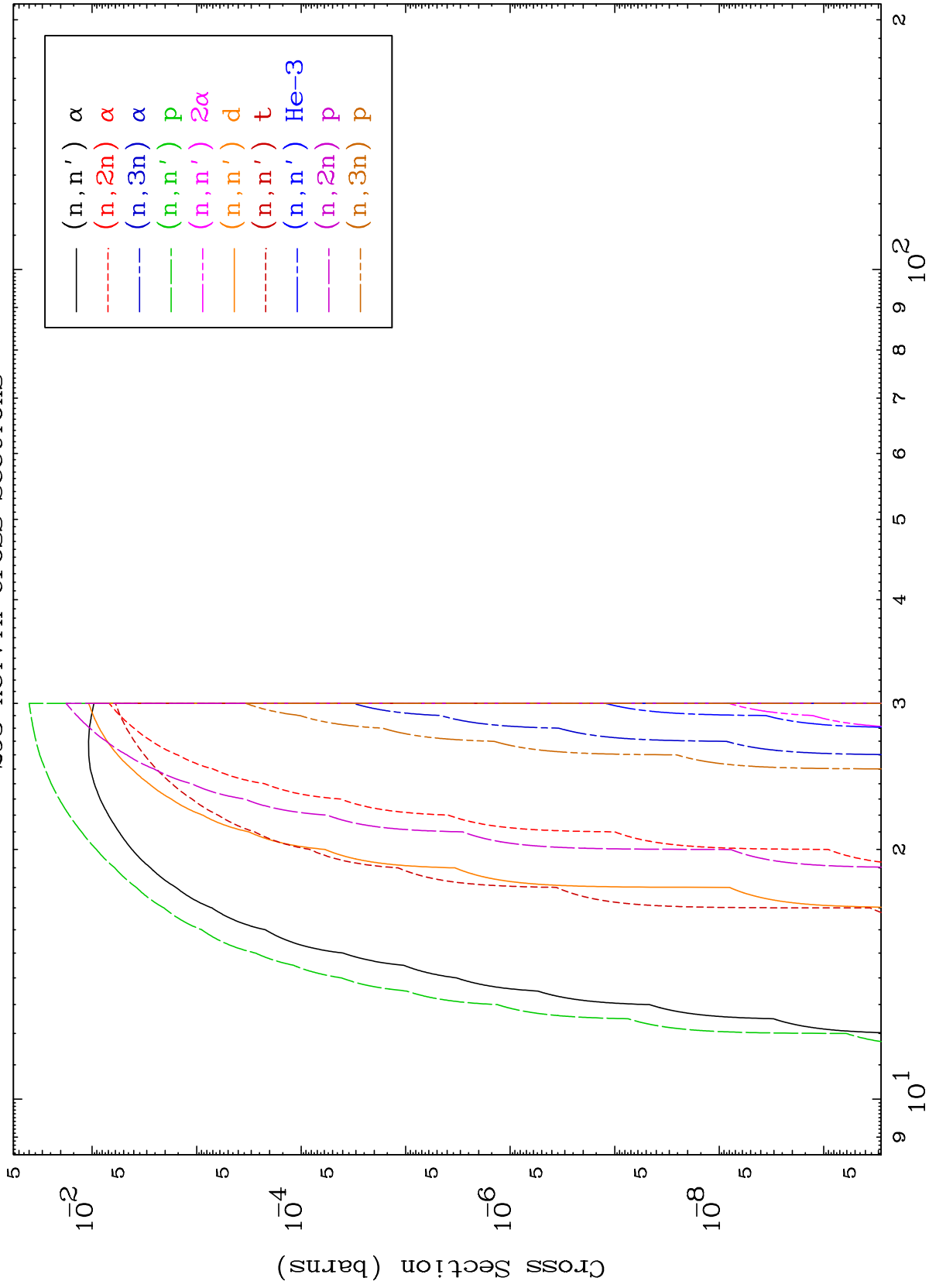
25-Mn-59



MAT 2537

Charged Particle
293 Kelvin Cross Sections

25-Mn-59

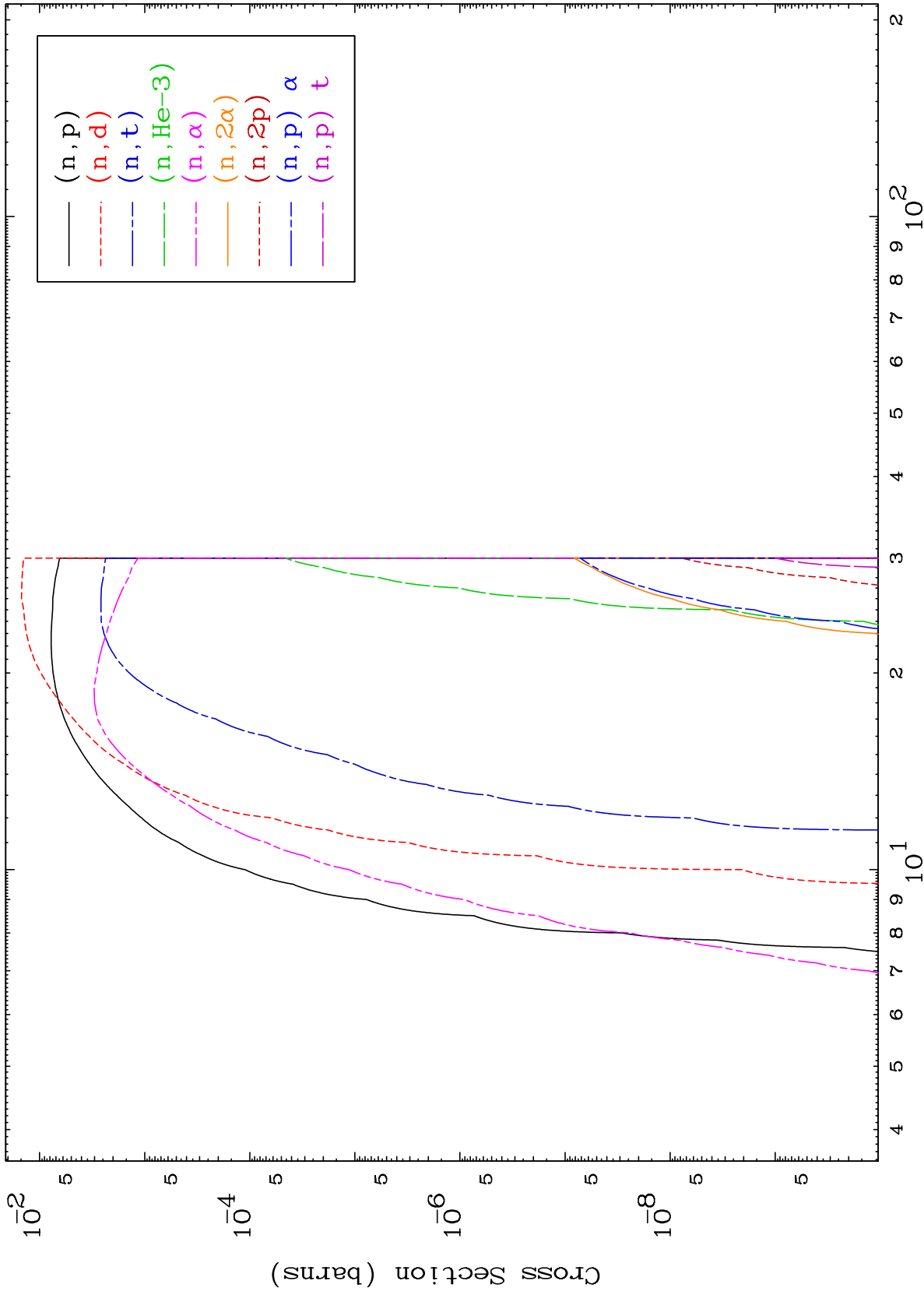


4

MAT 2537

Charged Particle
293 Kelvin Cross Sections

25-Mn-59



5

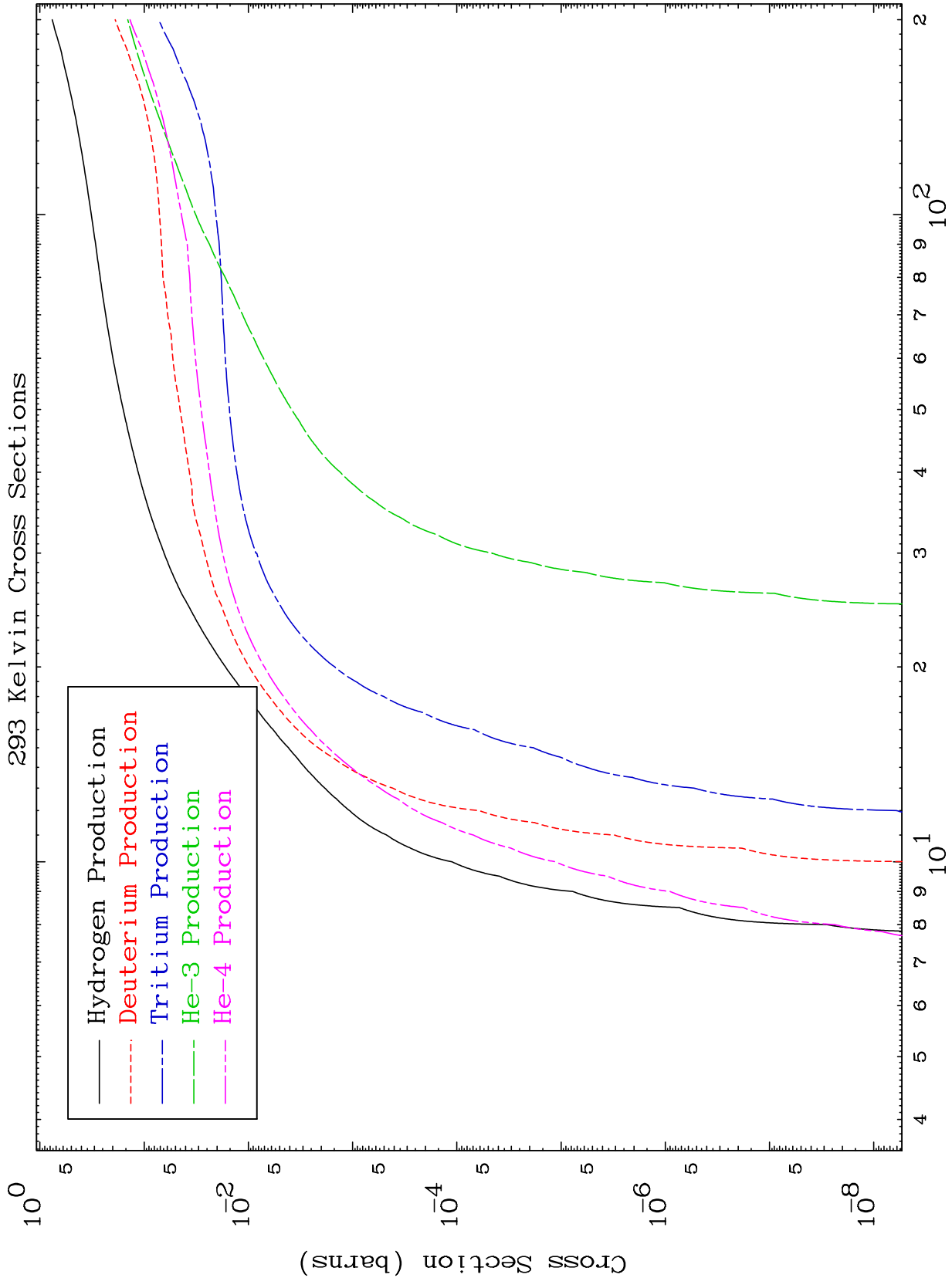
Incident Energy (MeV)

25-Mn-59

MAT 2537

Particle Production
293 Kelvin Cross Sections

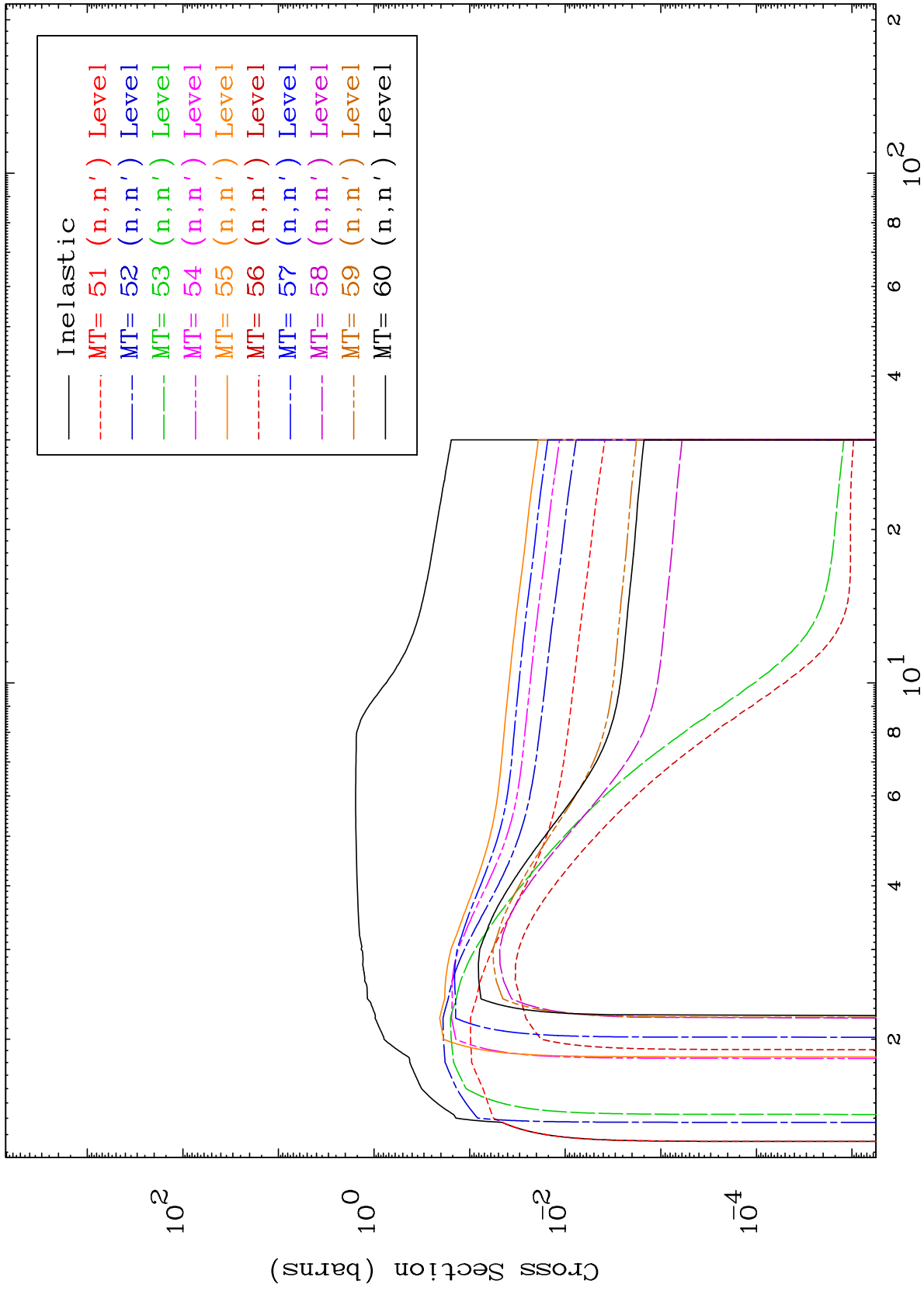
25-Mn-59



6

Incident Energy (MeV)

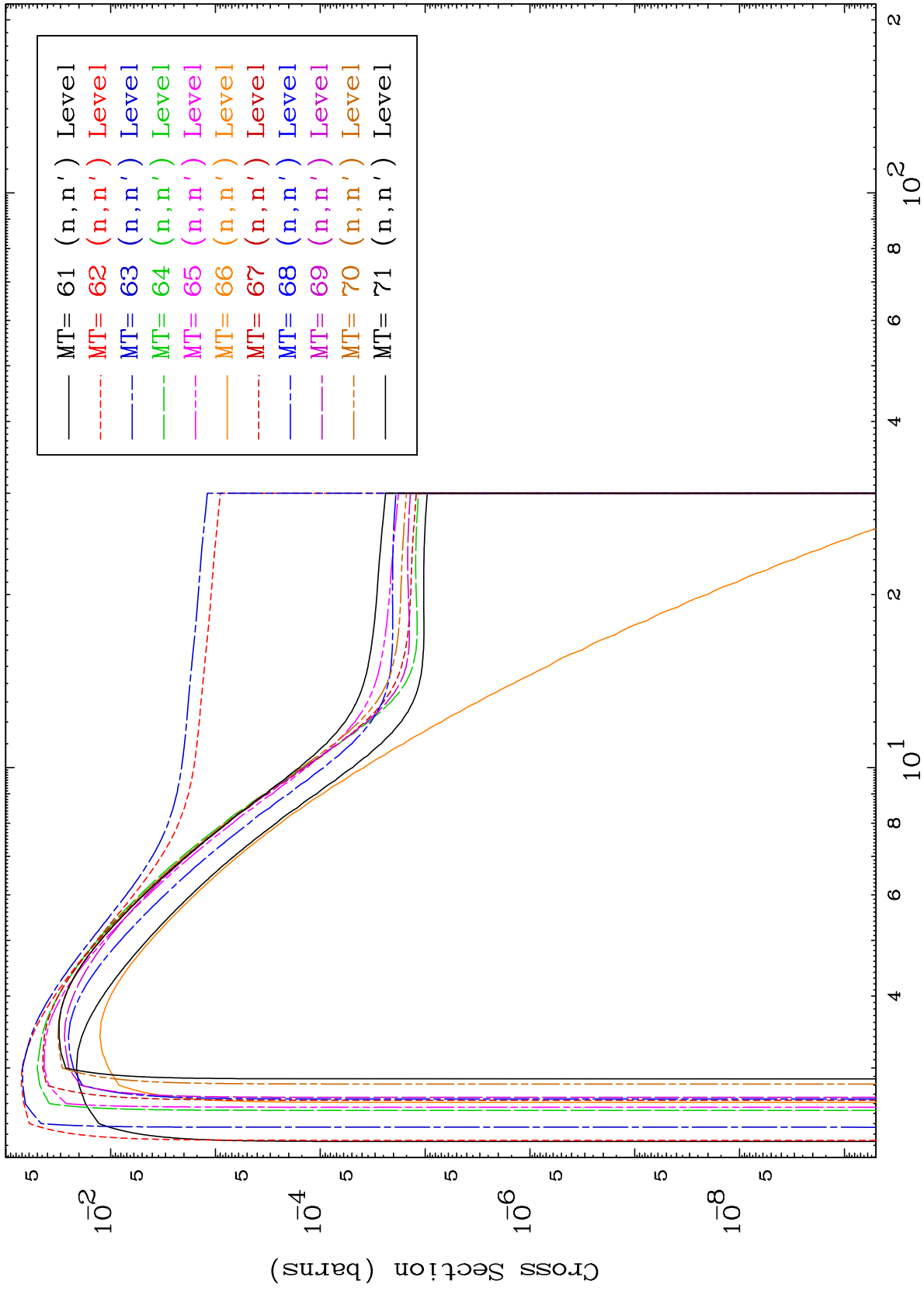
25-Mn-59



MAT 2537

(n,n') Level
293 Kelvin Cross Sections

25-Mn-59



8

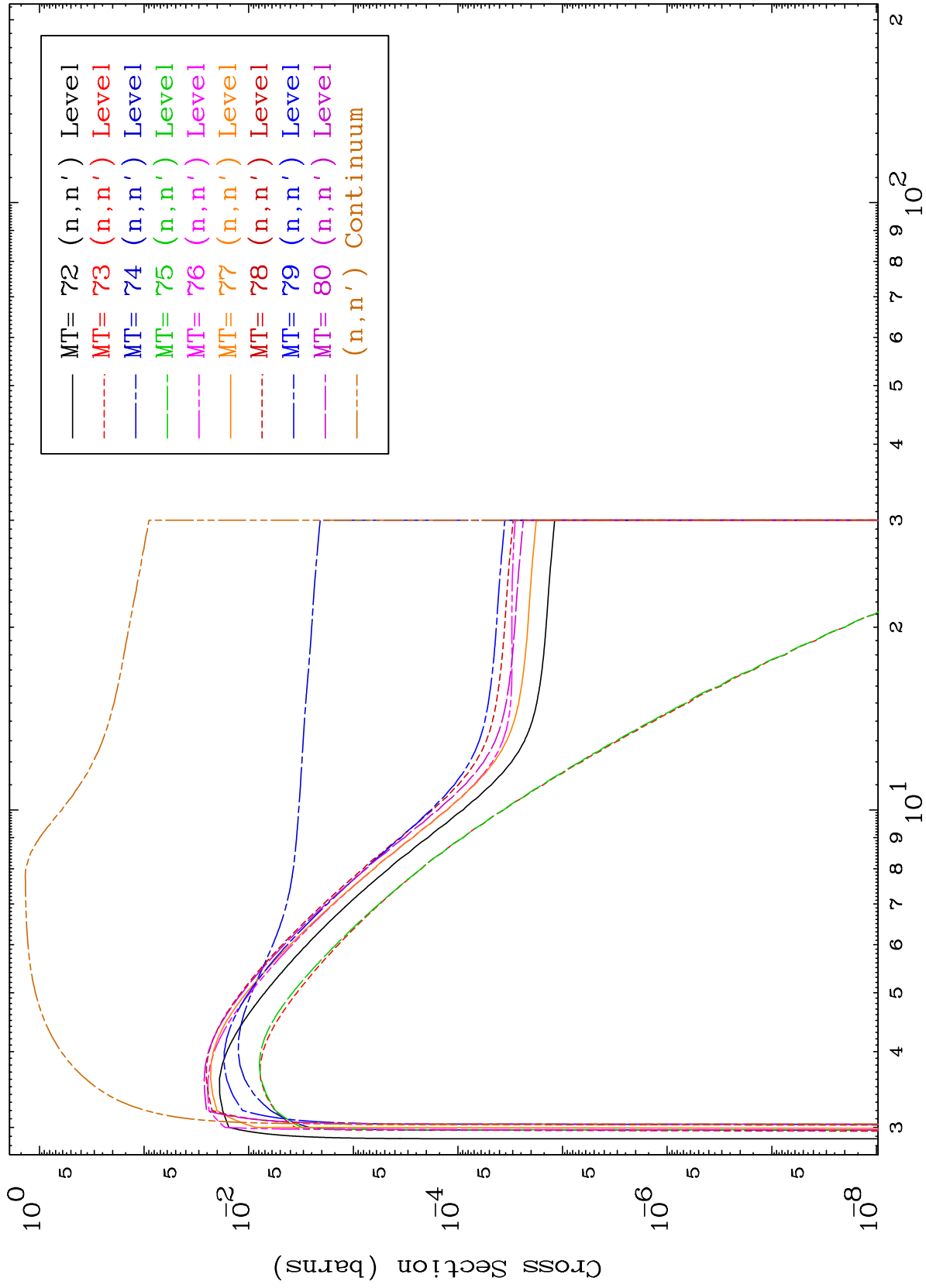
Incident Energy (MeV)

25-Mn-59

MAT 2537

(n,n') Level
293 Kelvin Cross Sections

25-Mn-59



9

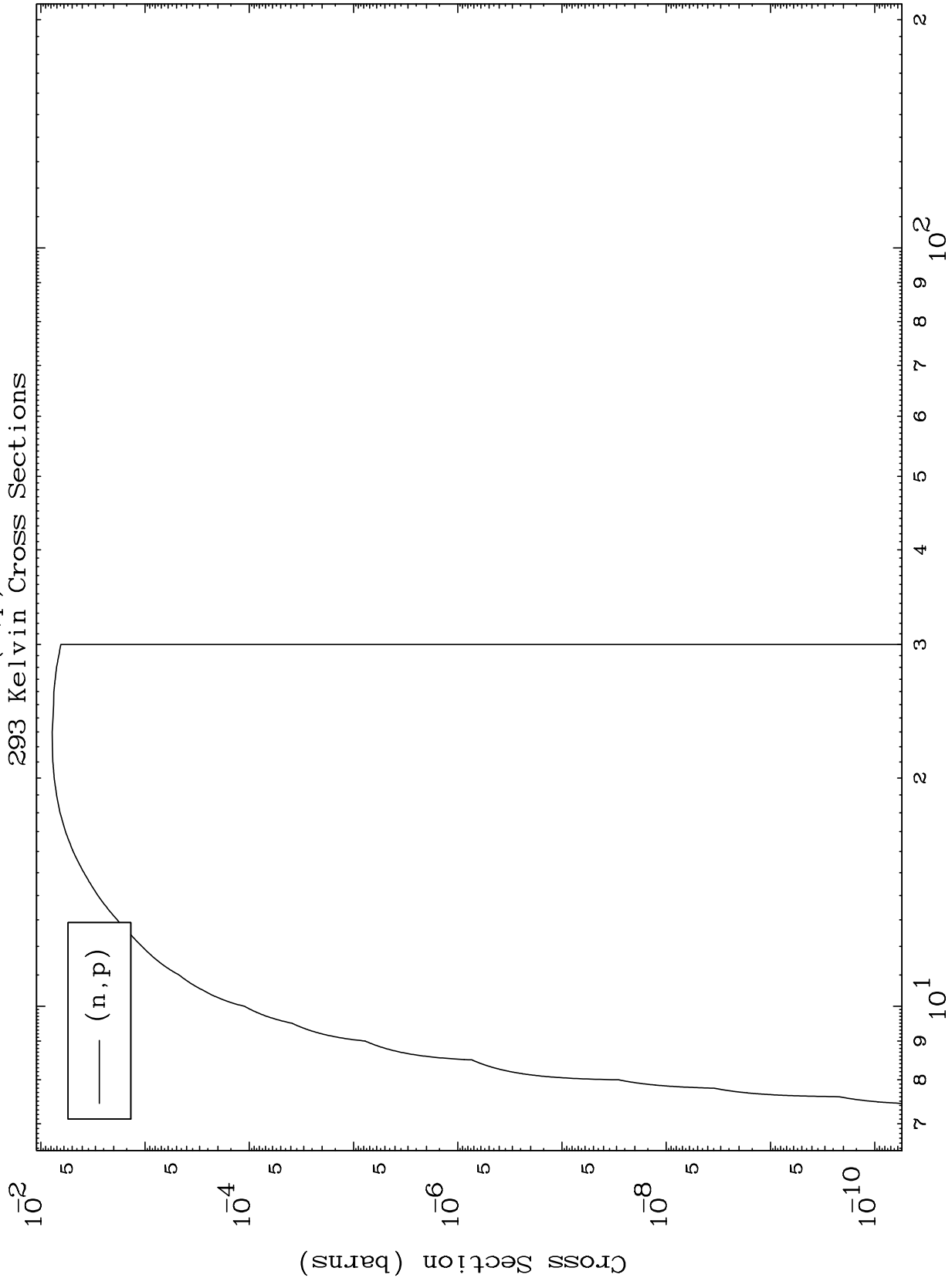
Incident Energy (MeV)

25-Mn-59

MAT 2537

(n,p) Levels
293 Kelvin Cross Sections

25-Mn-59



10

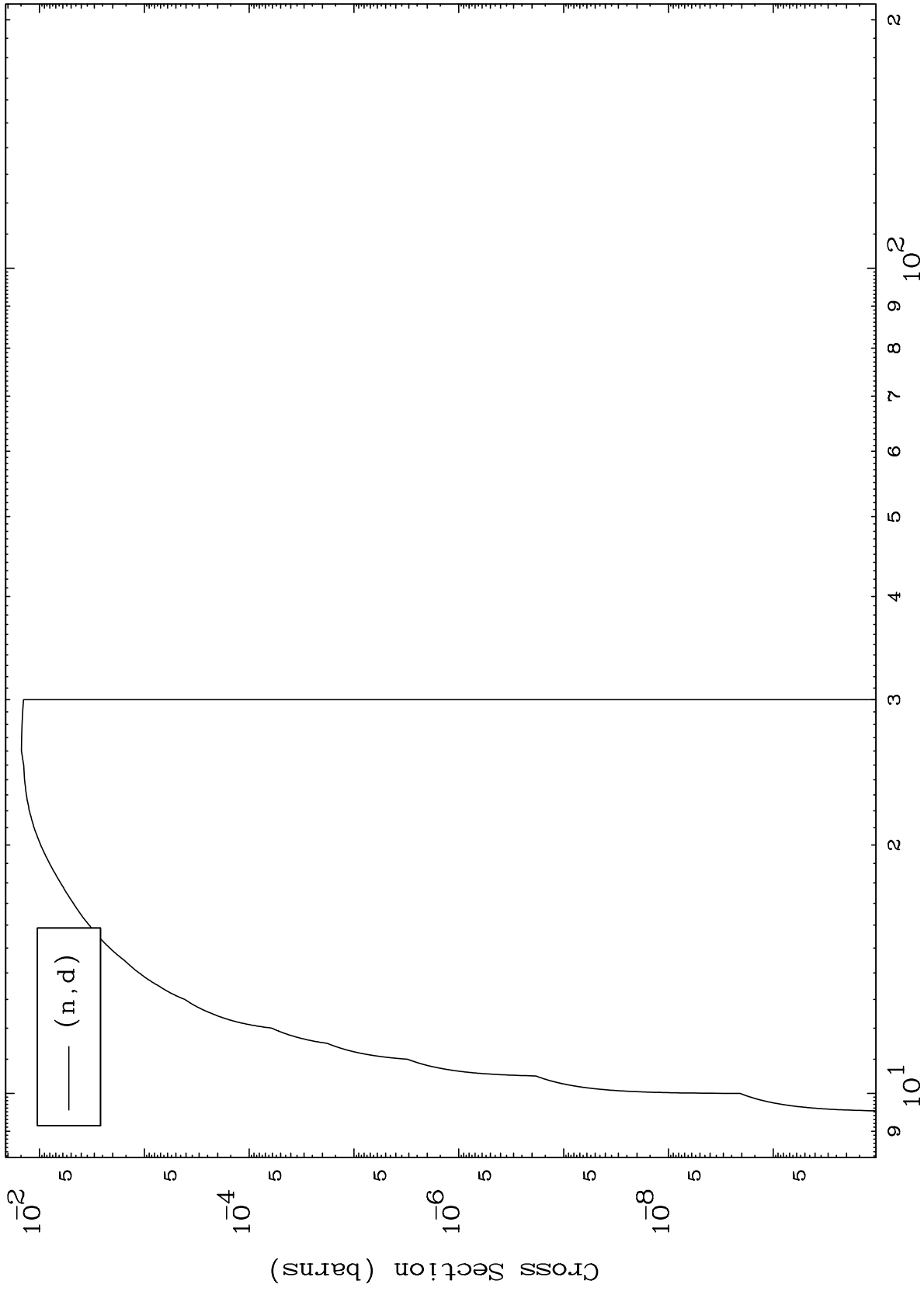
Incident Energy (MeV)

25-Mn-59

MAT 2537

(n,d) Levels
293 Kelvin Cross Sections

25-Mn-59



11

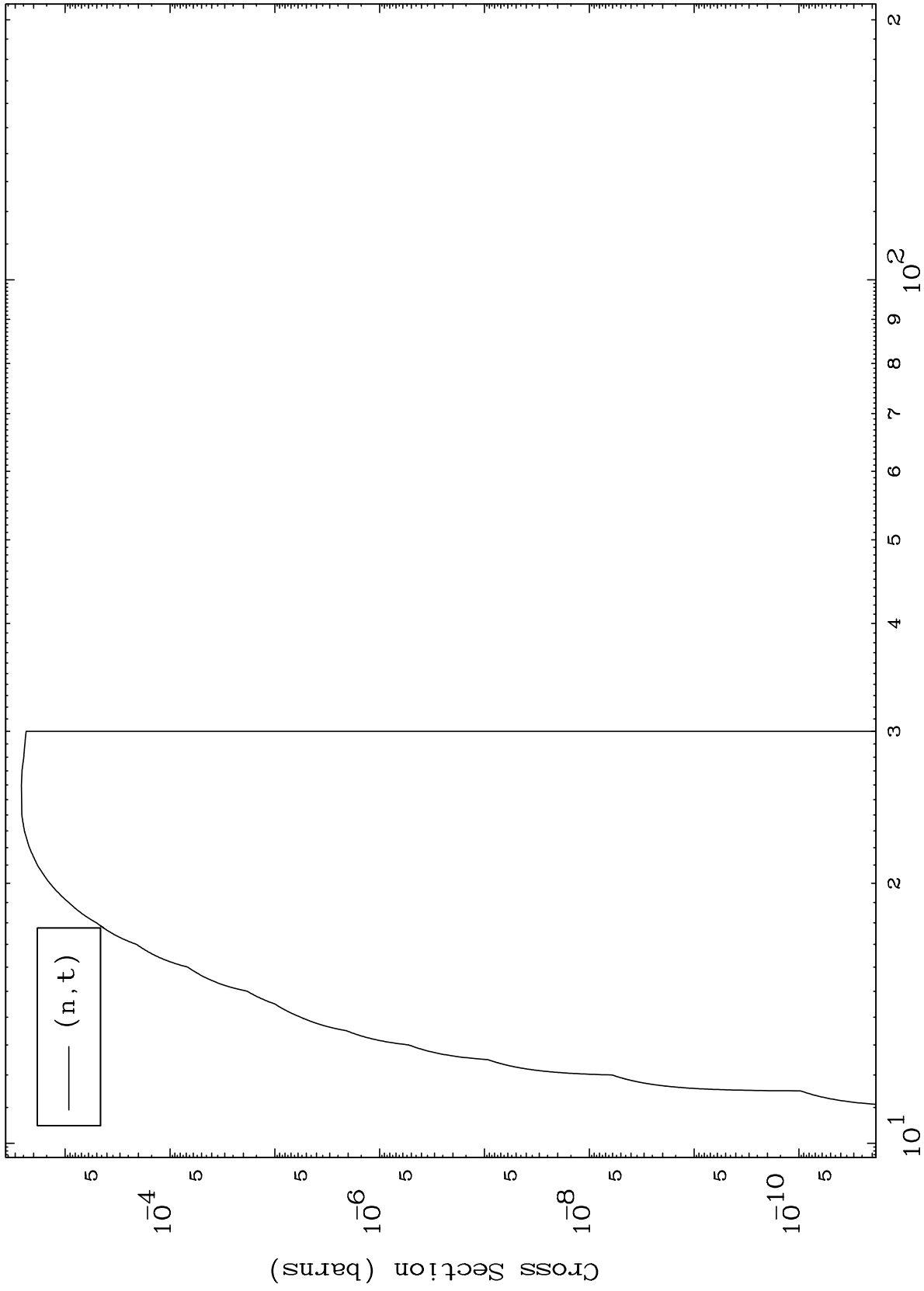
Incident Energy (MeV)

25-Mn-59

MAT 2537

(n,t) Levels
293 Kelvin Cross Sections

25-Mn-59



12

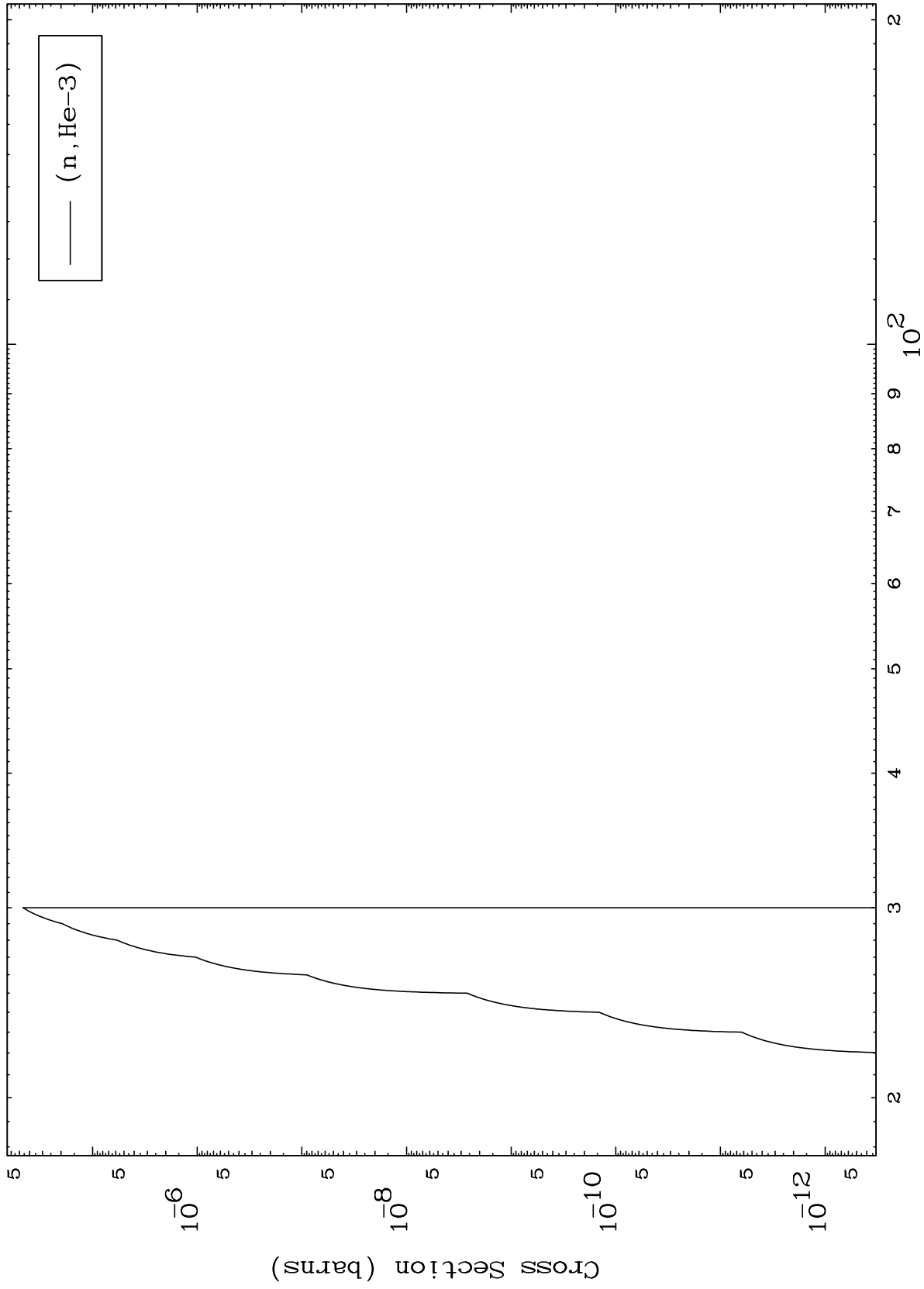
Incident Energy (MeV)

25-Mn-59

MAT 2537

(n,He3) Levels
293 Kelvin Cross Sections

25-Mn-59



13

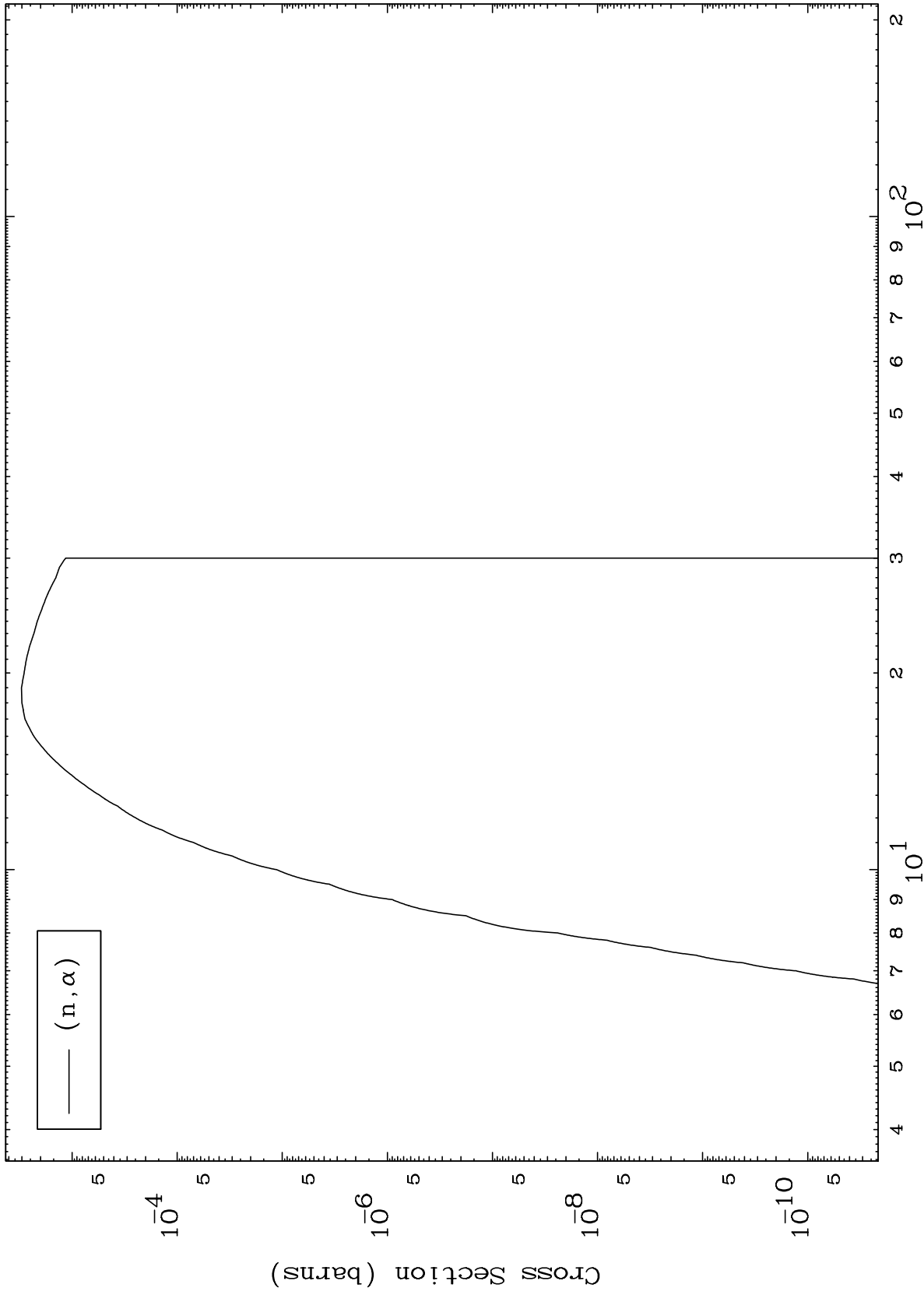
Incident Energy (MeV)

25-Mn-59

MAT 2537

(n,α) Levels
293 Kelvin Cross Sections

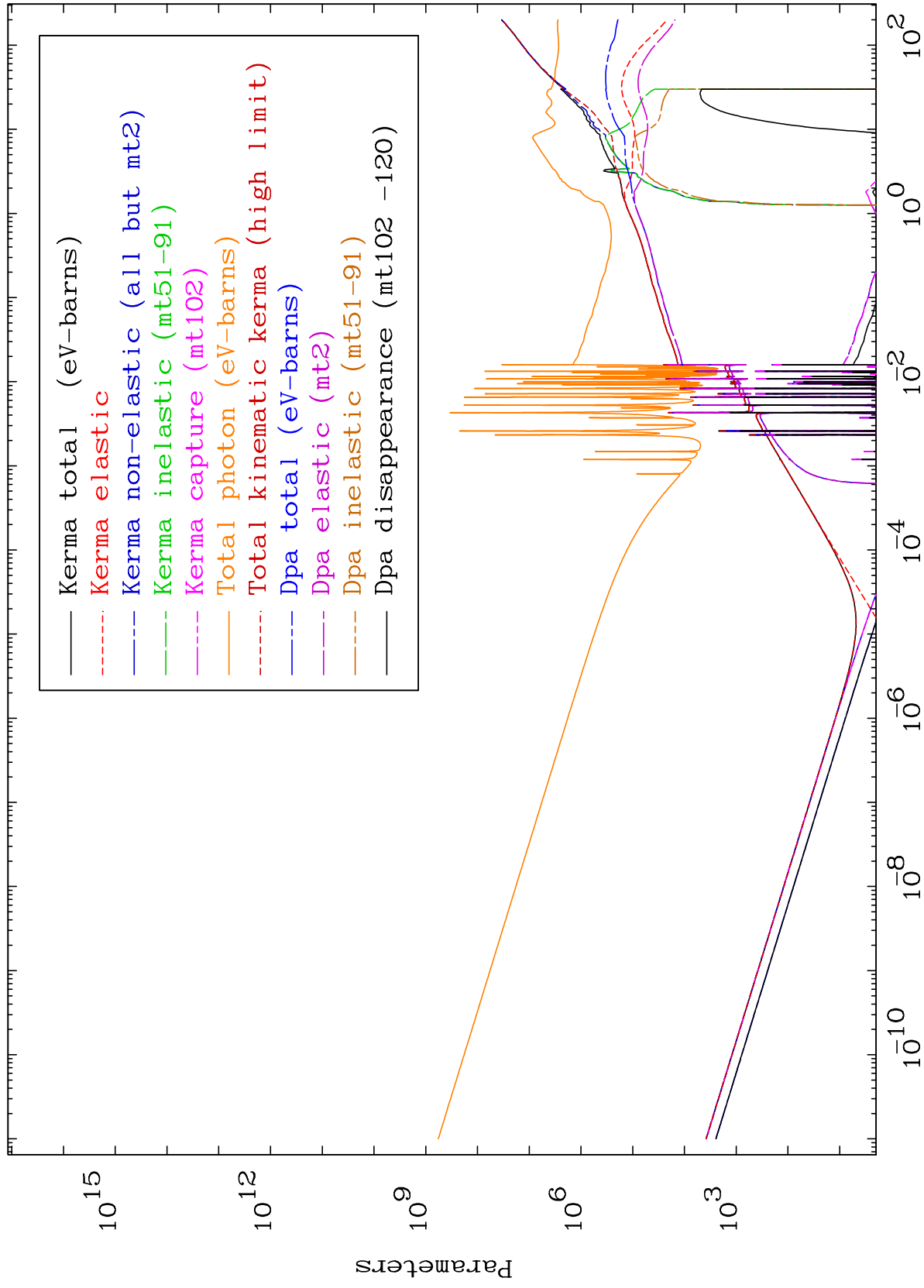
25-Mn-59



14

Incident Energy (MeV)

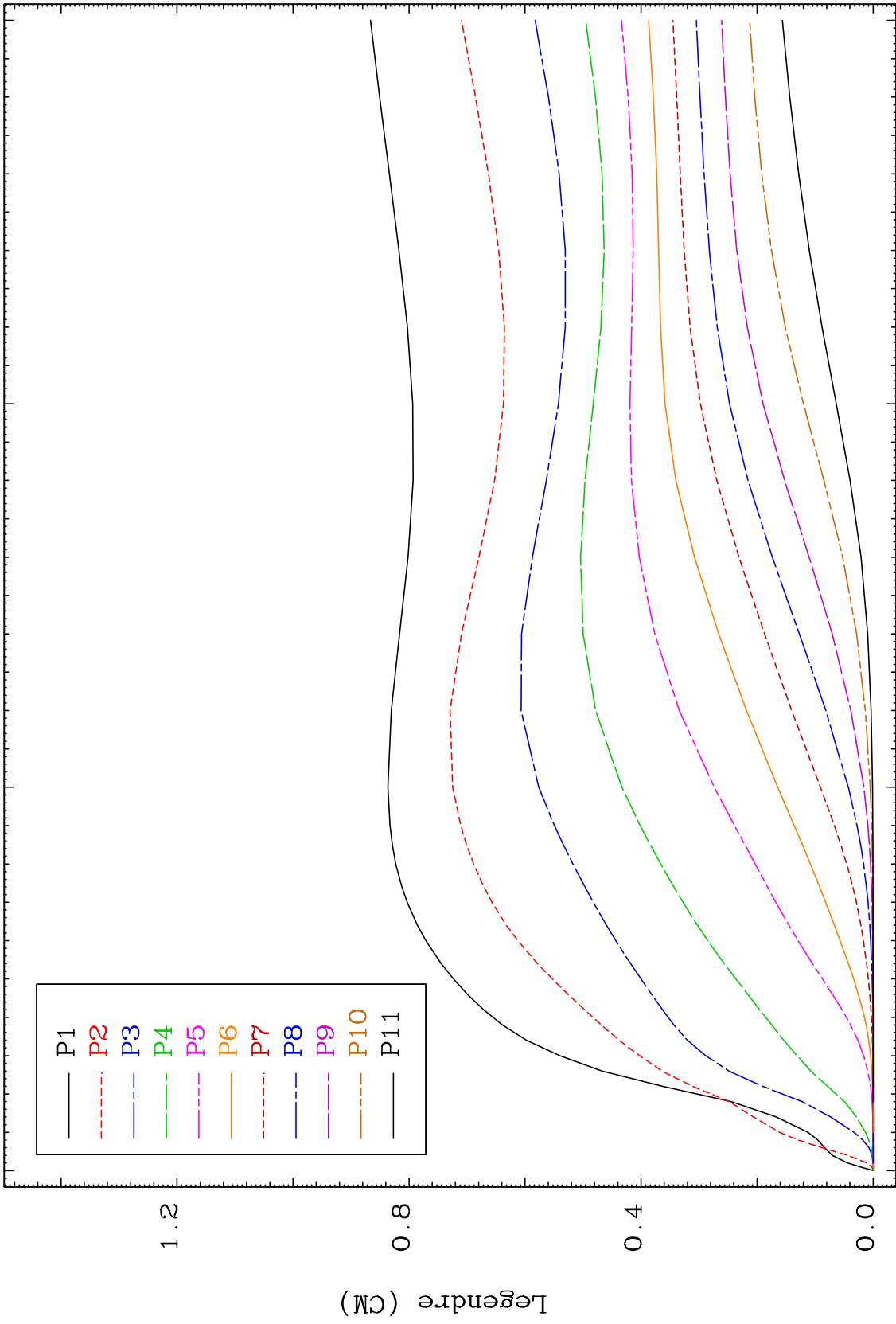
25-Mn-59



MAT 2537

Elastic Legendre Coefficients

25-Mn-59



0

16

Incident Energy (MeV)

10

20

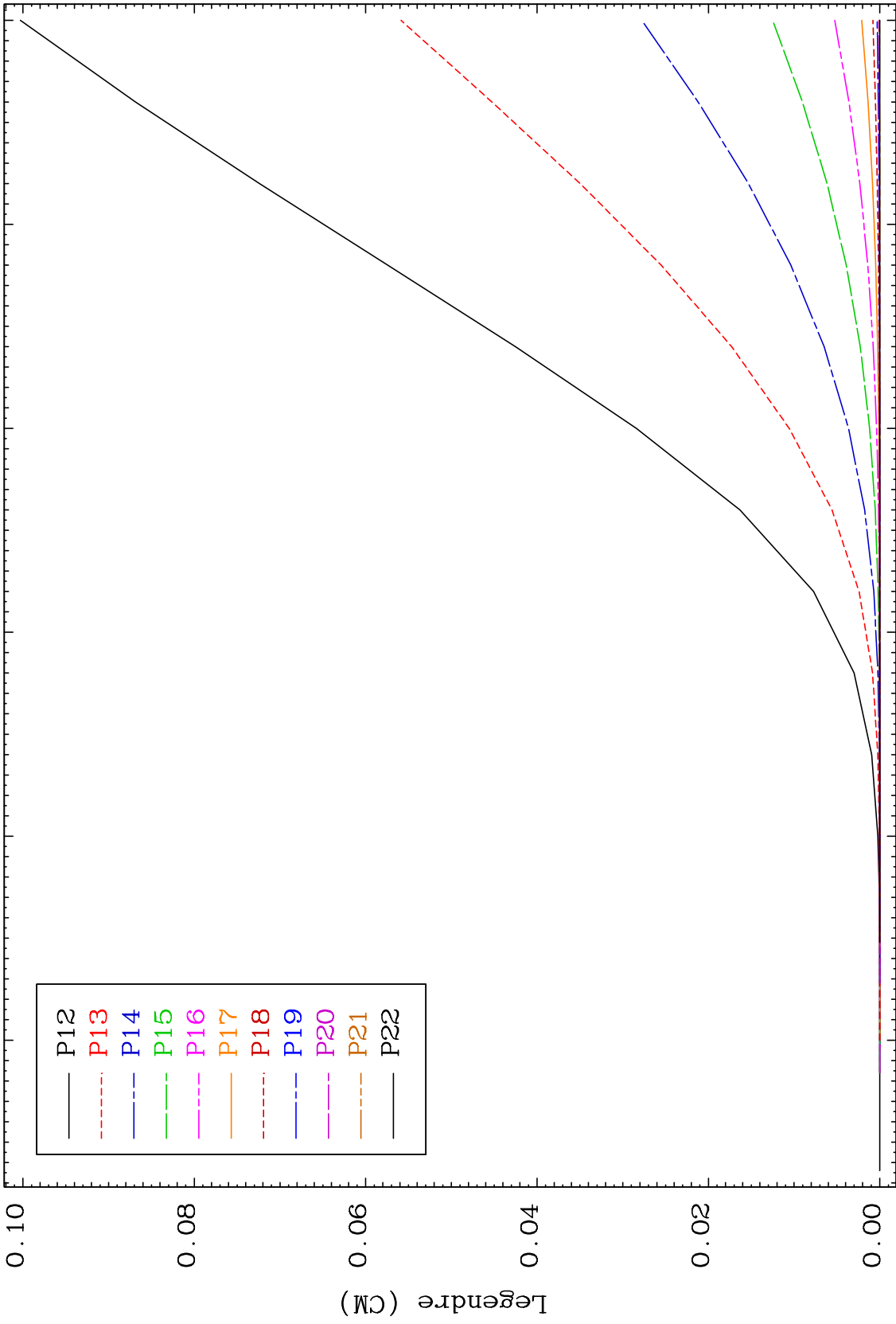
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25-Mn-59

MAT 2537

Elastic Legendre Coefficients

²⁵Mn-59



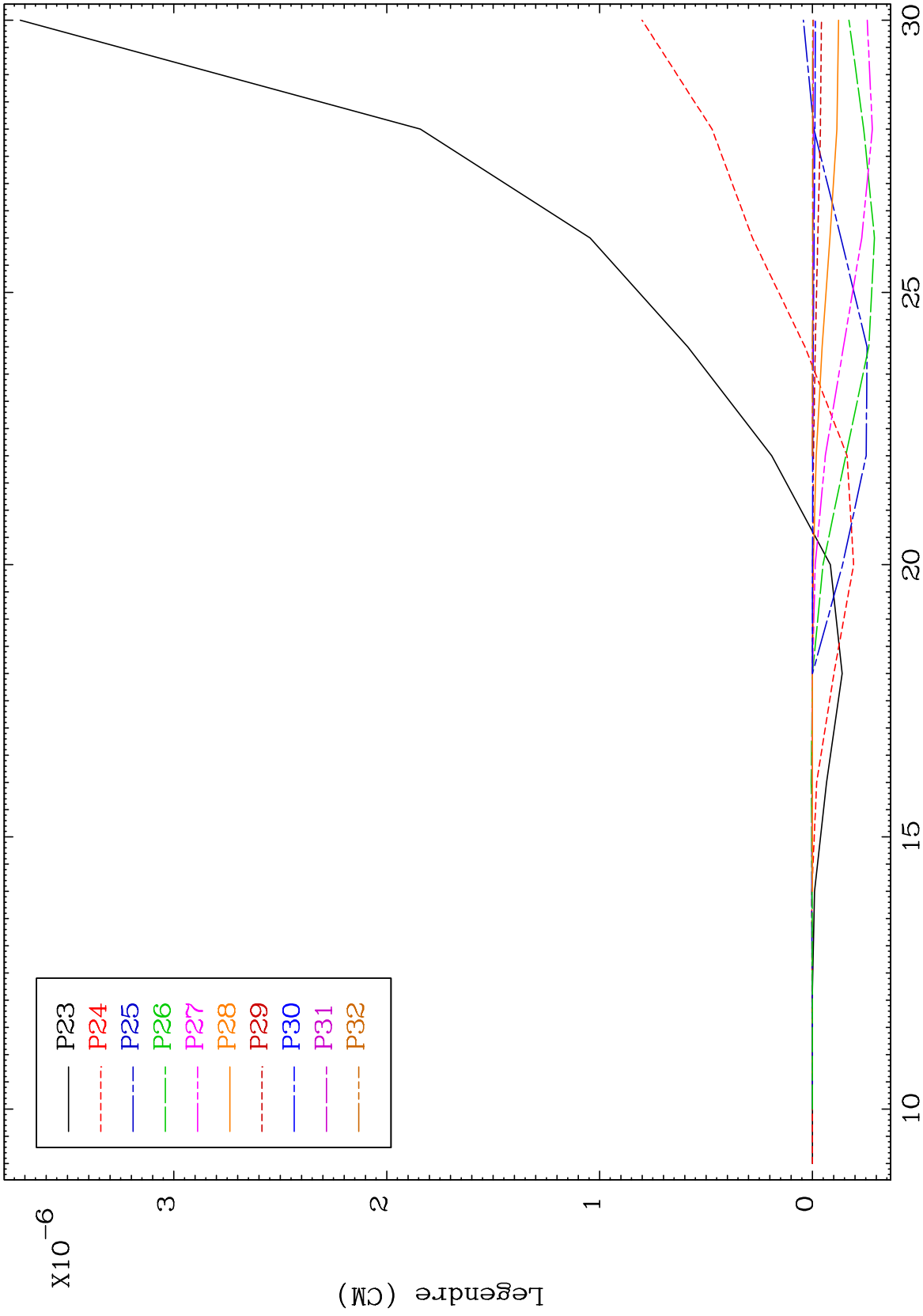
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²⁵Mn-59

MAT 2537

Elastic Legendre Coefficients

²⁵Mn-59



18

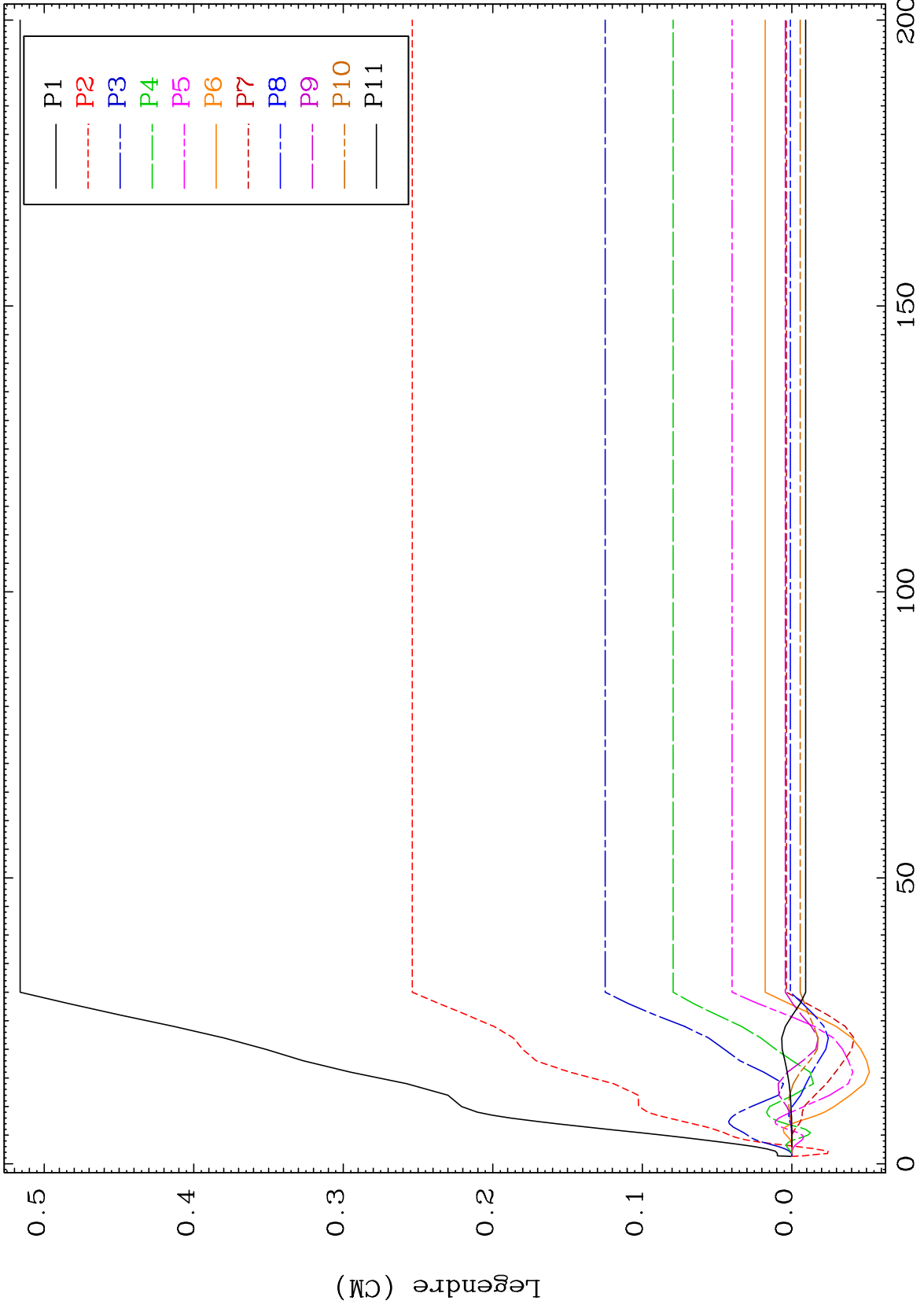
Incident Energy (MeV)

²⁵Mn-59

MAT 2537

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

25-Mn-59



19

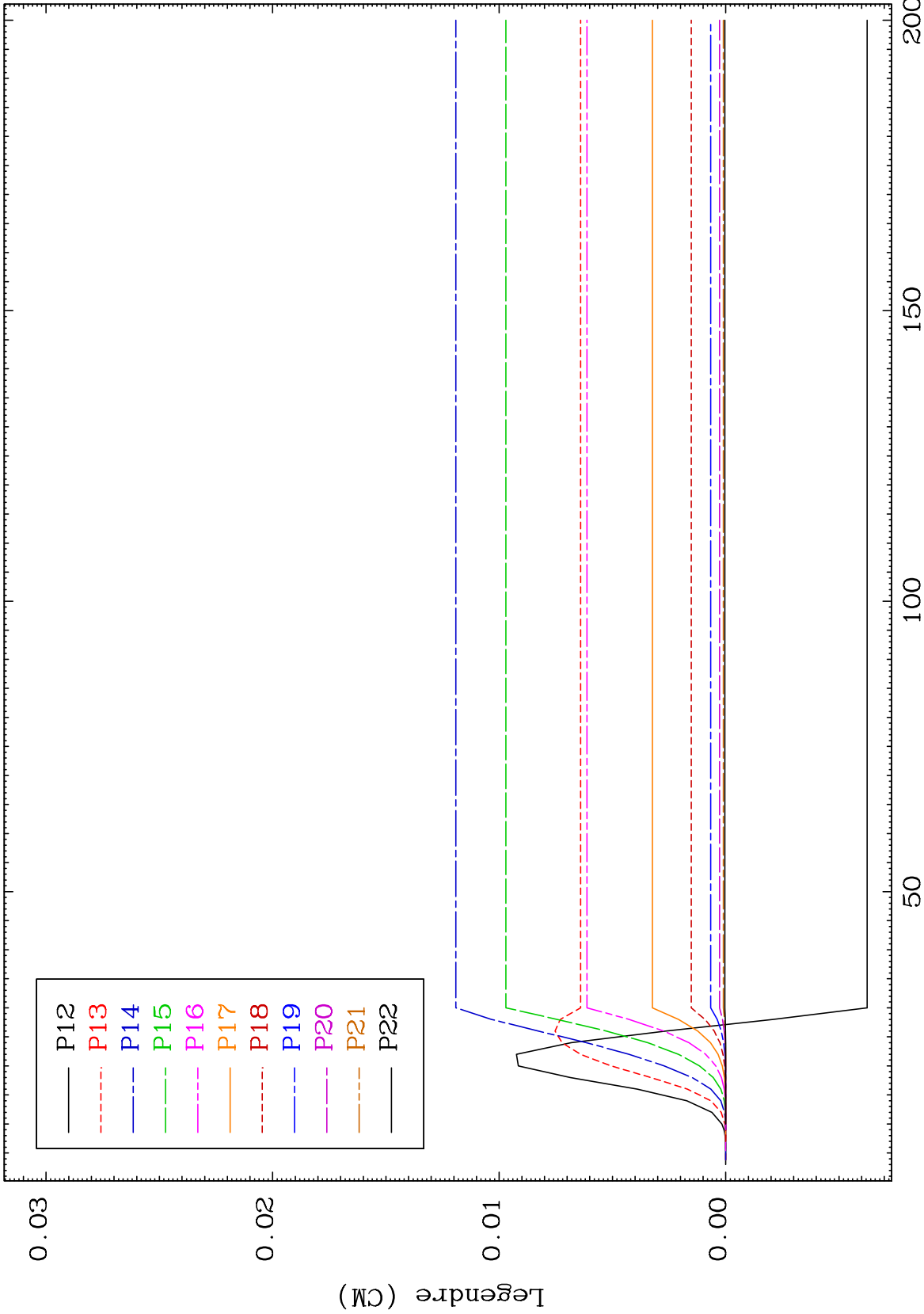
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



20

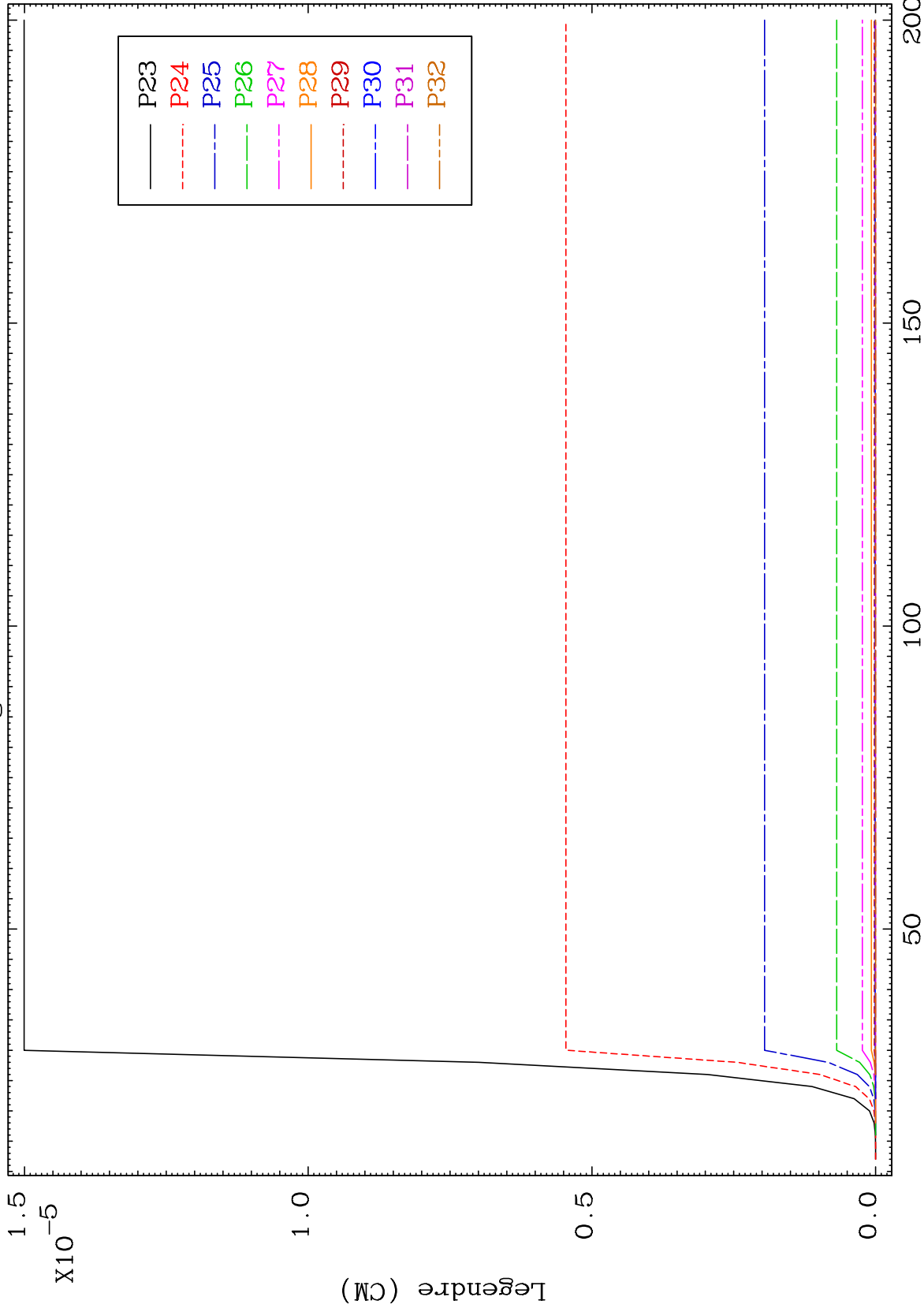
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



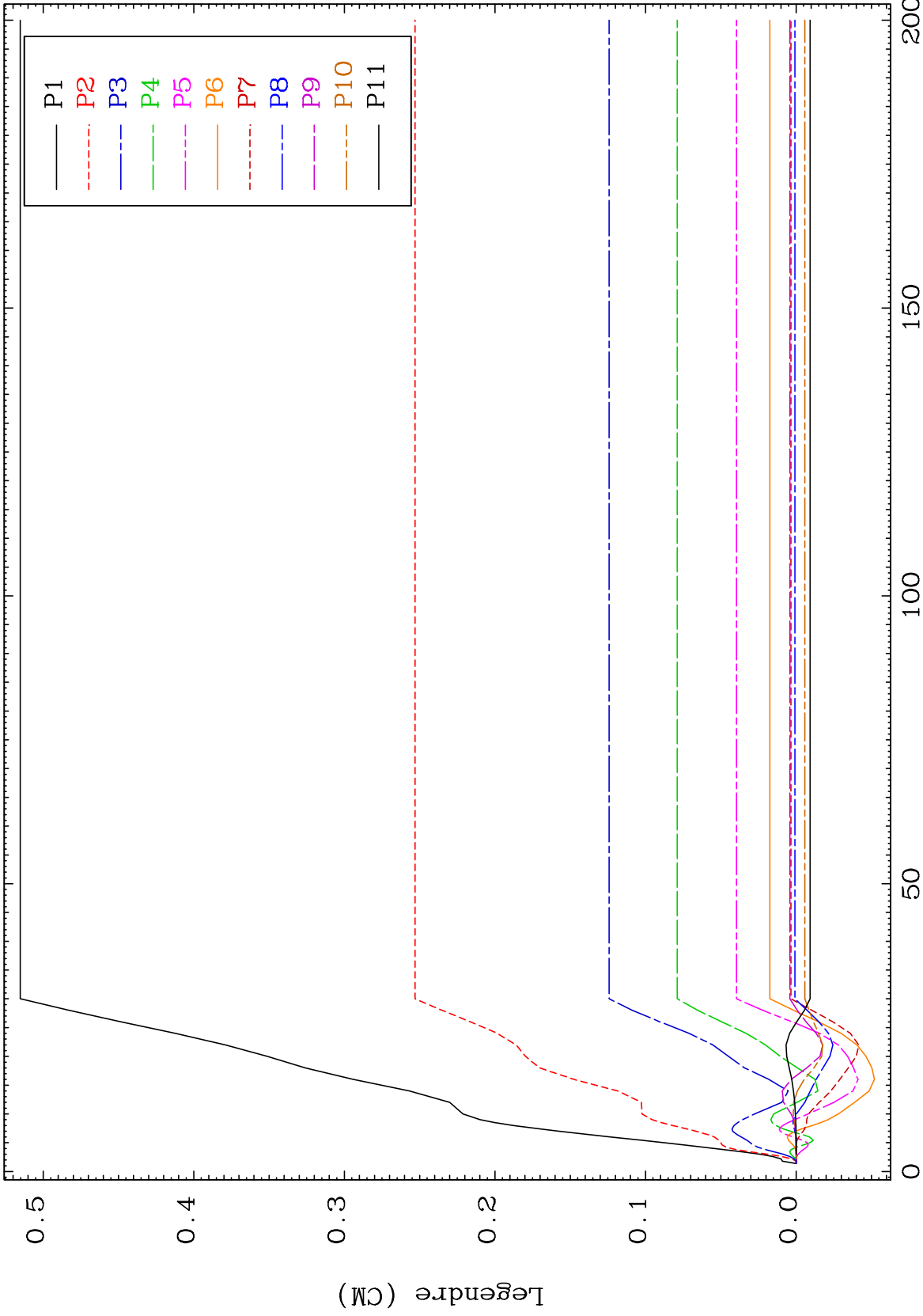
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25-Mn-59

MAT 2537

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

25-Mn-59



22

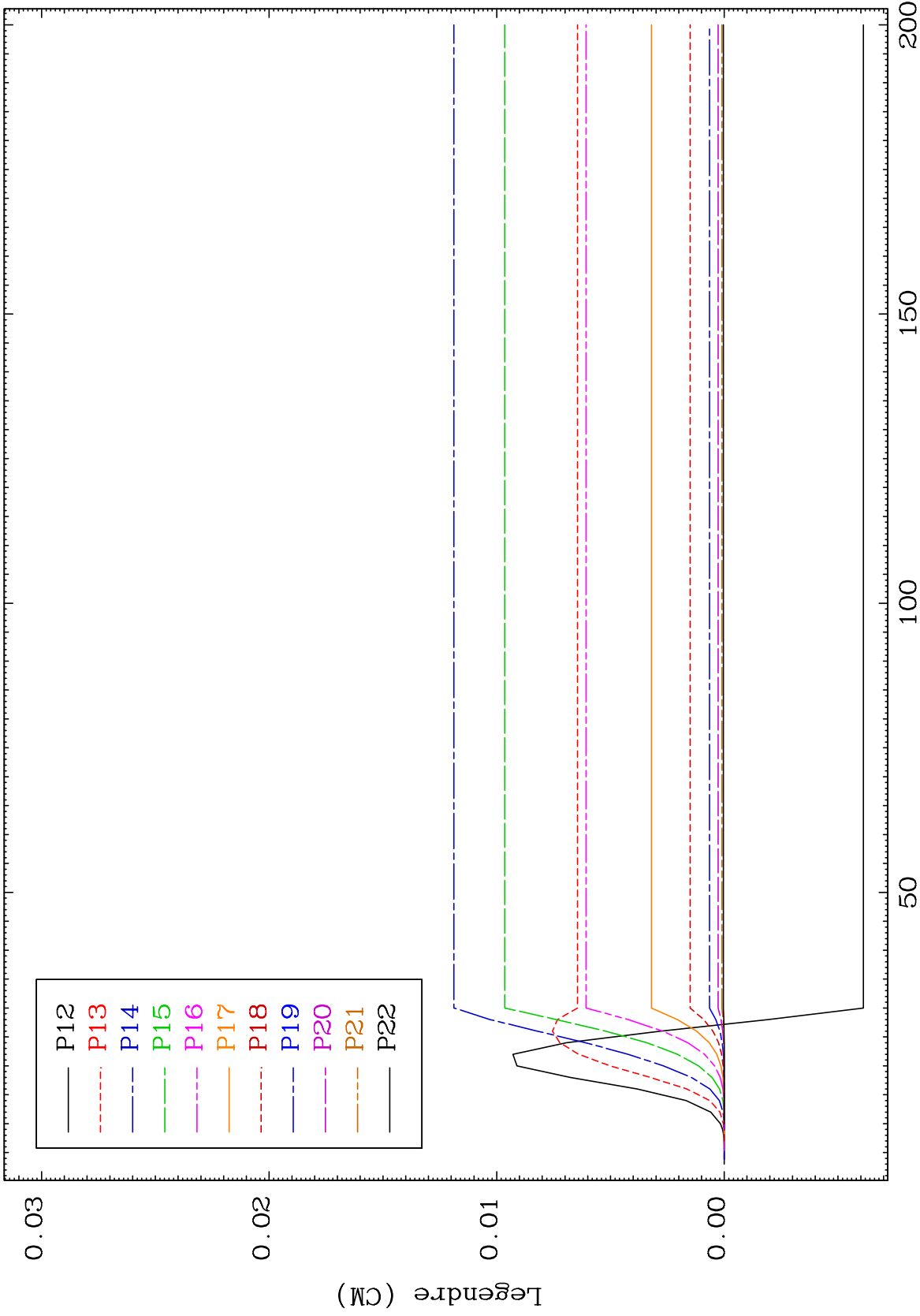
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



23

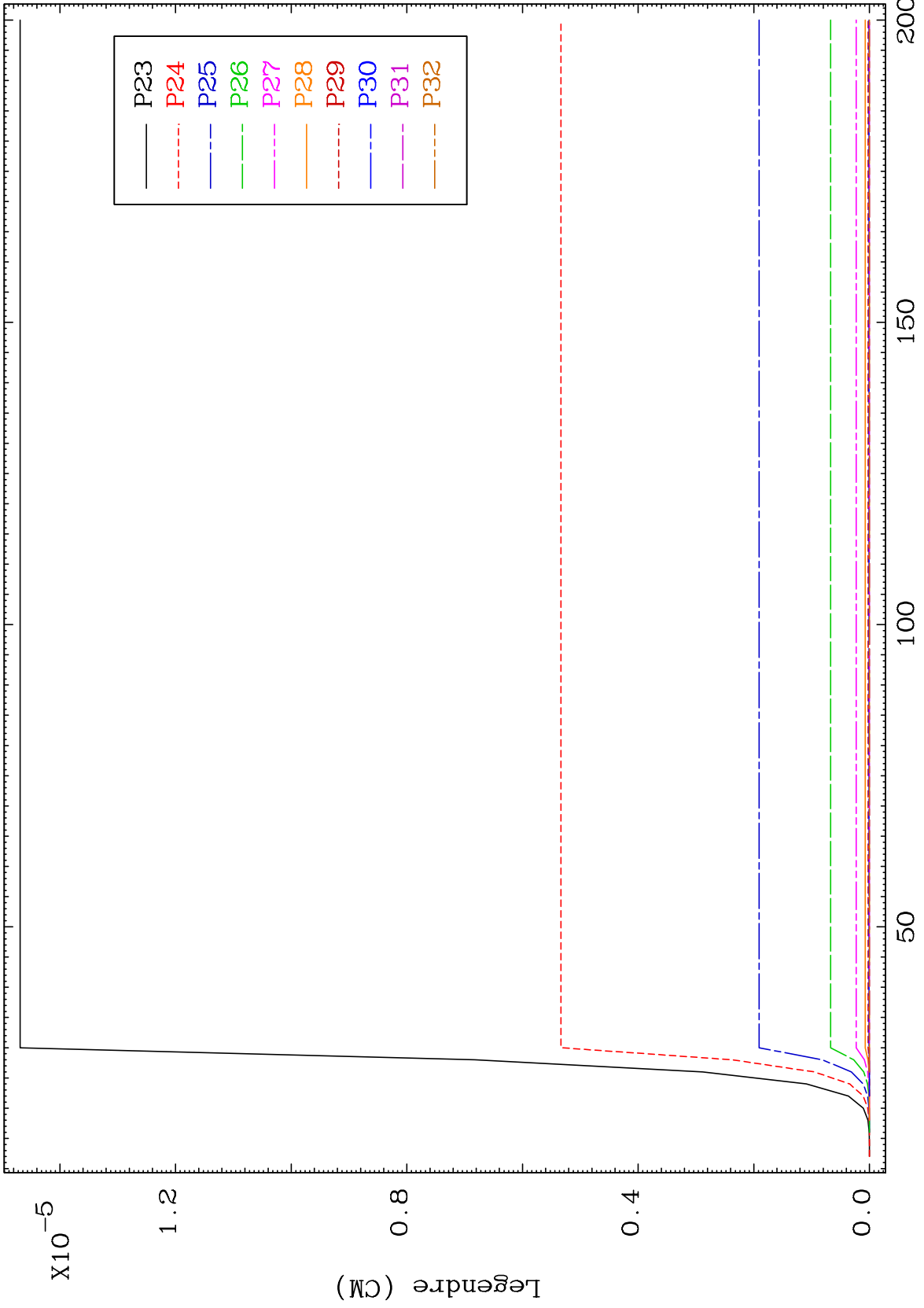
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



24

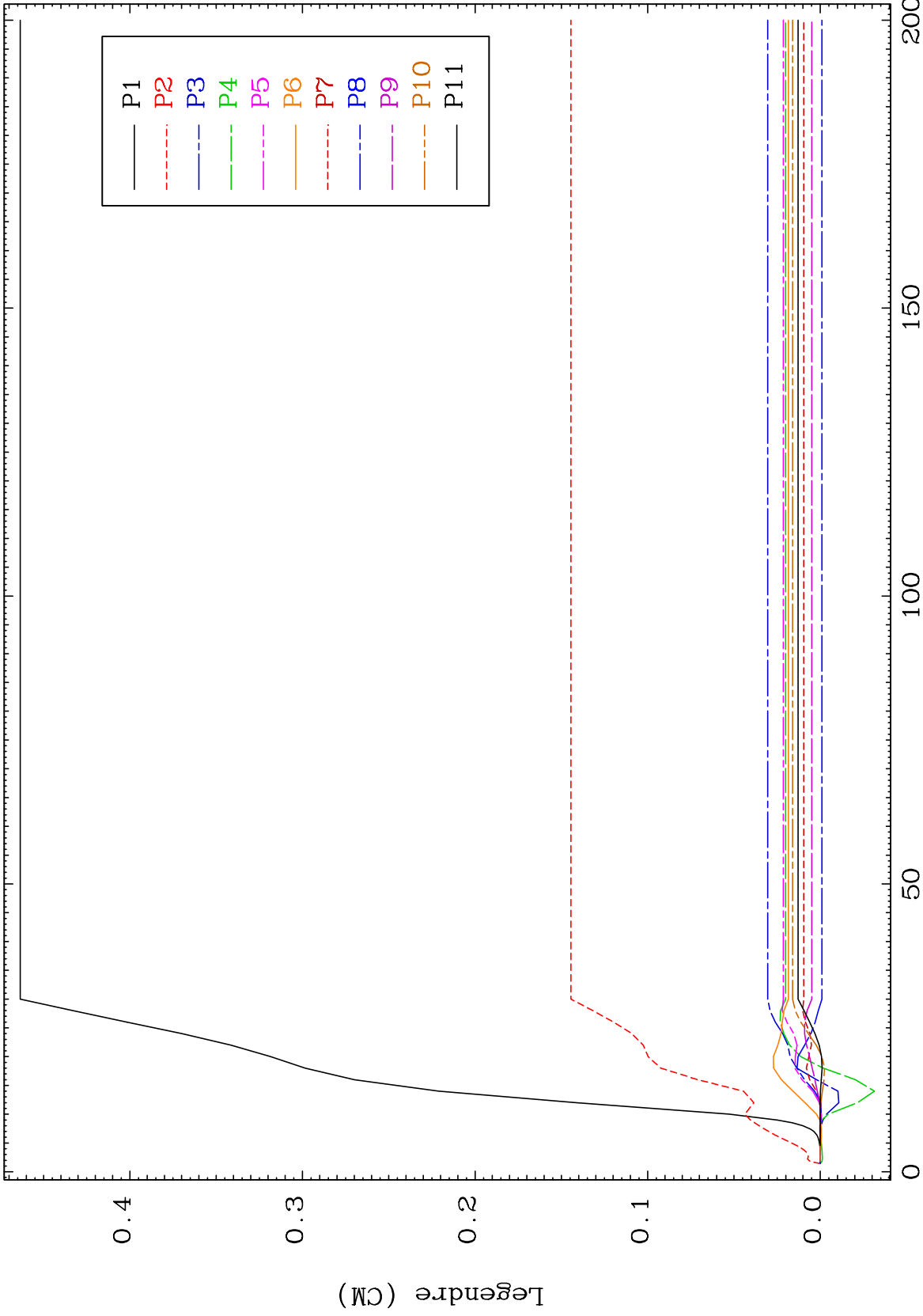
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



25

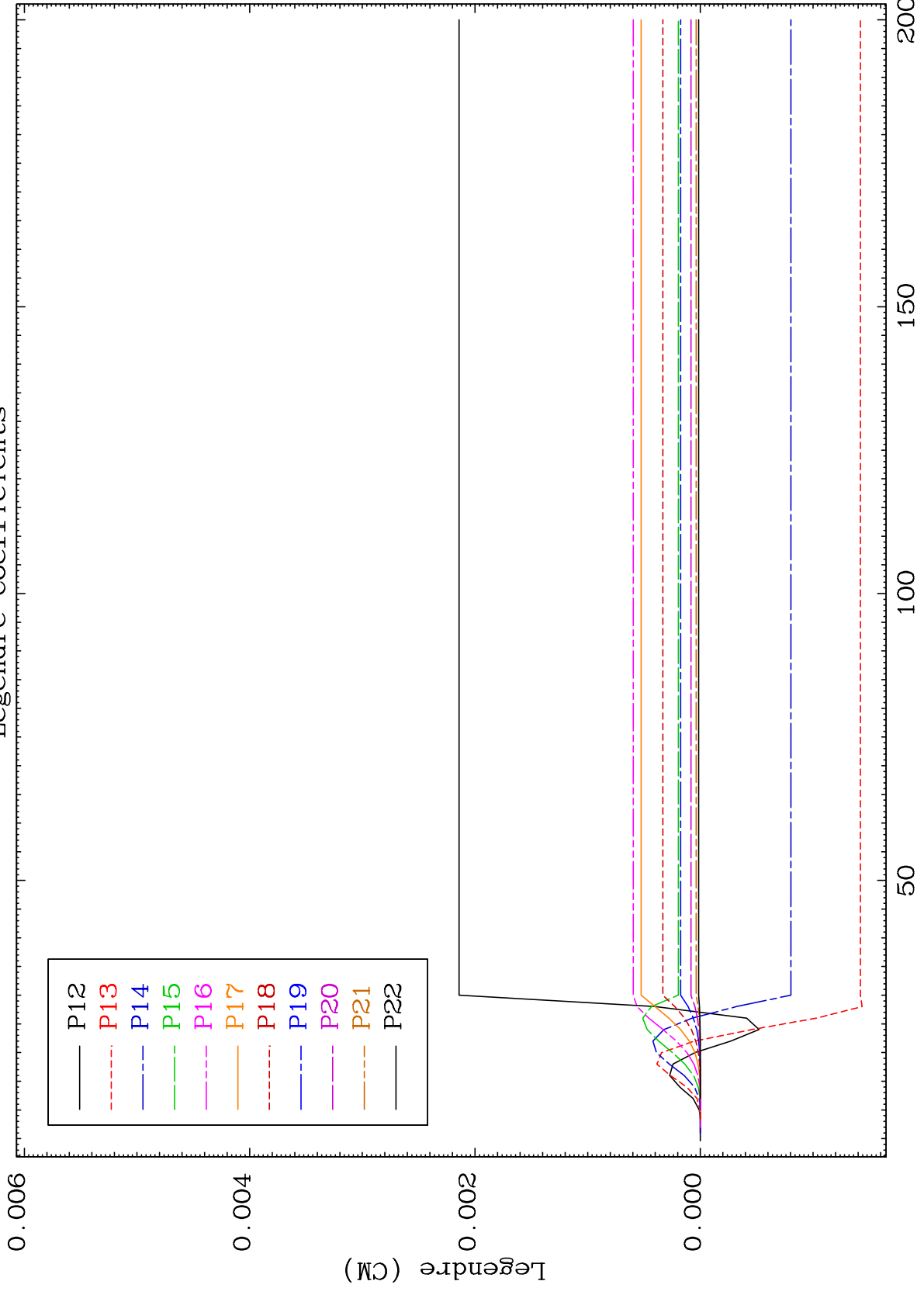
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



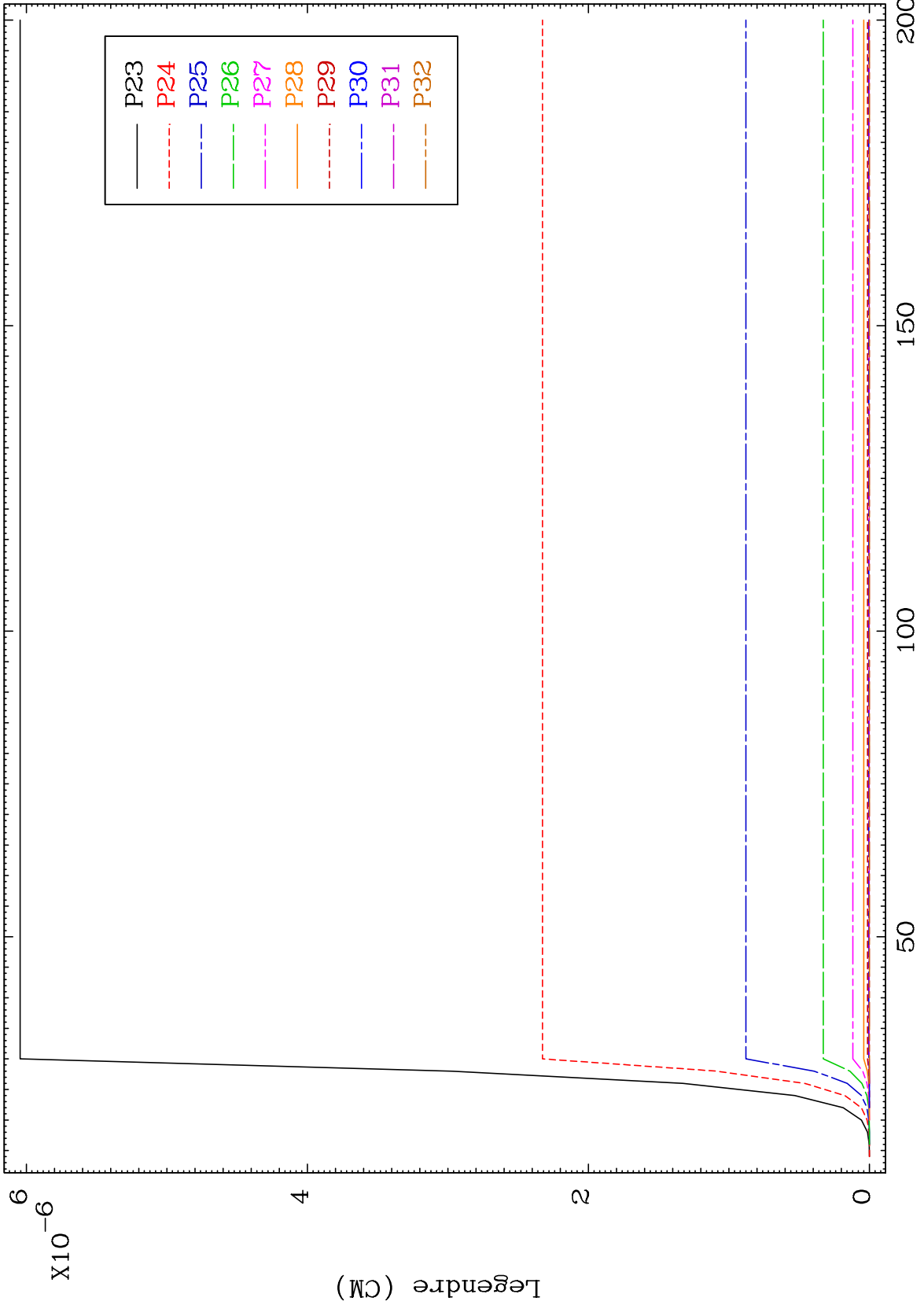
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25-Mn-59

MAT 2537

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

25-Mn-59



27

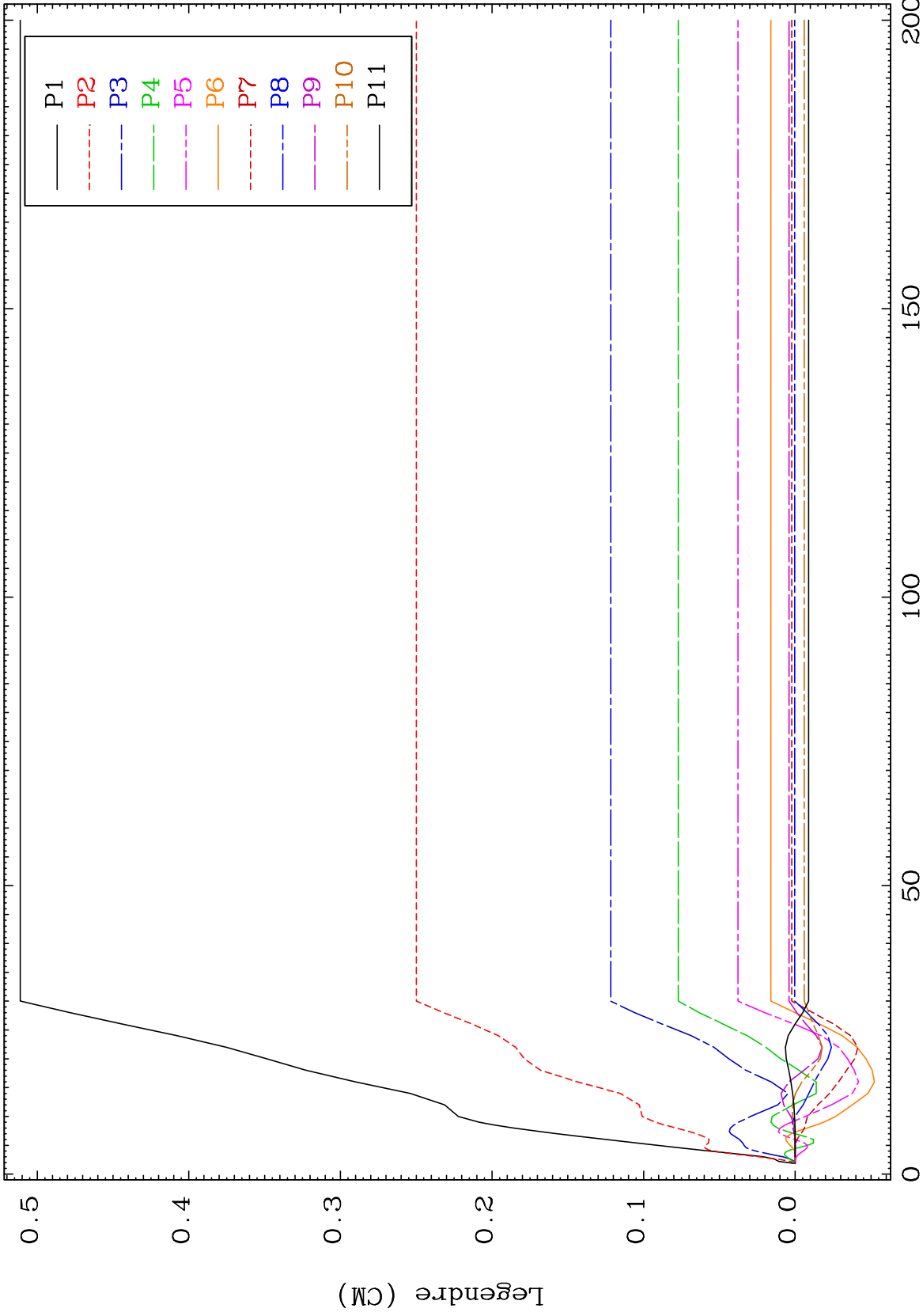
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



28

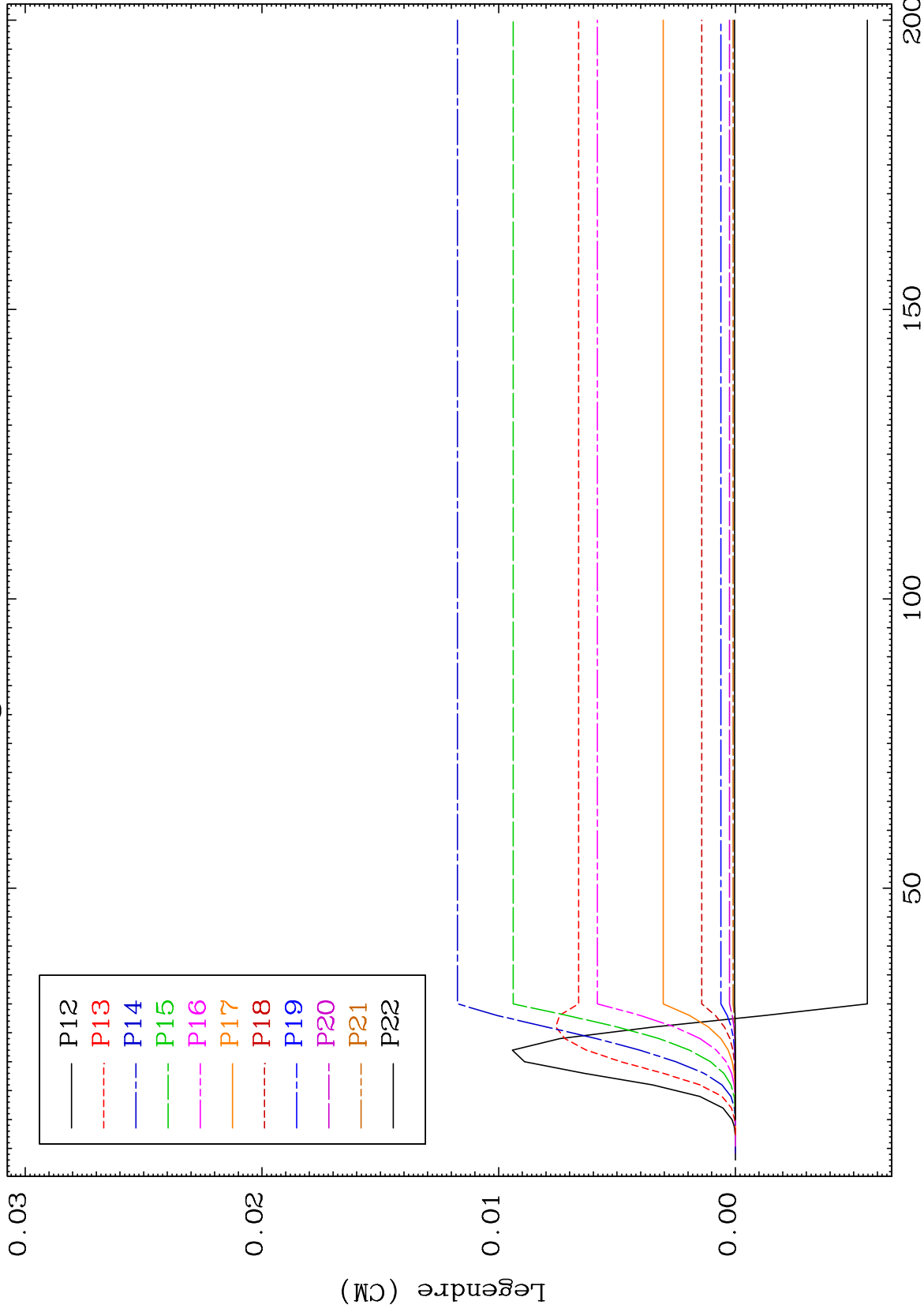
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



29

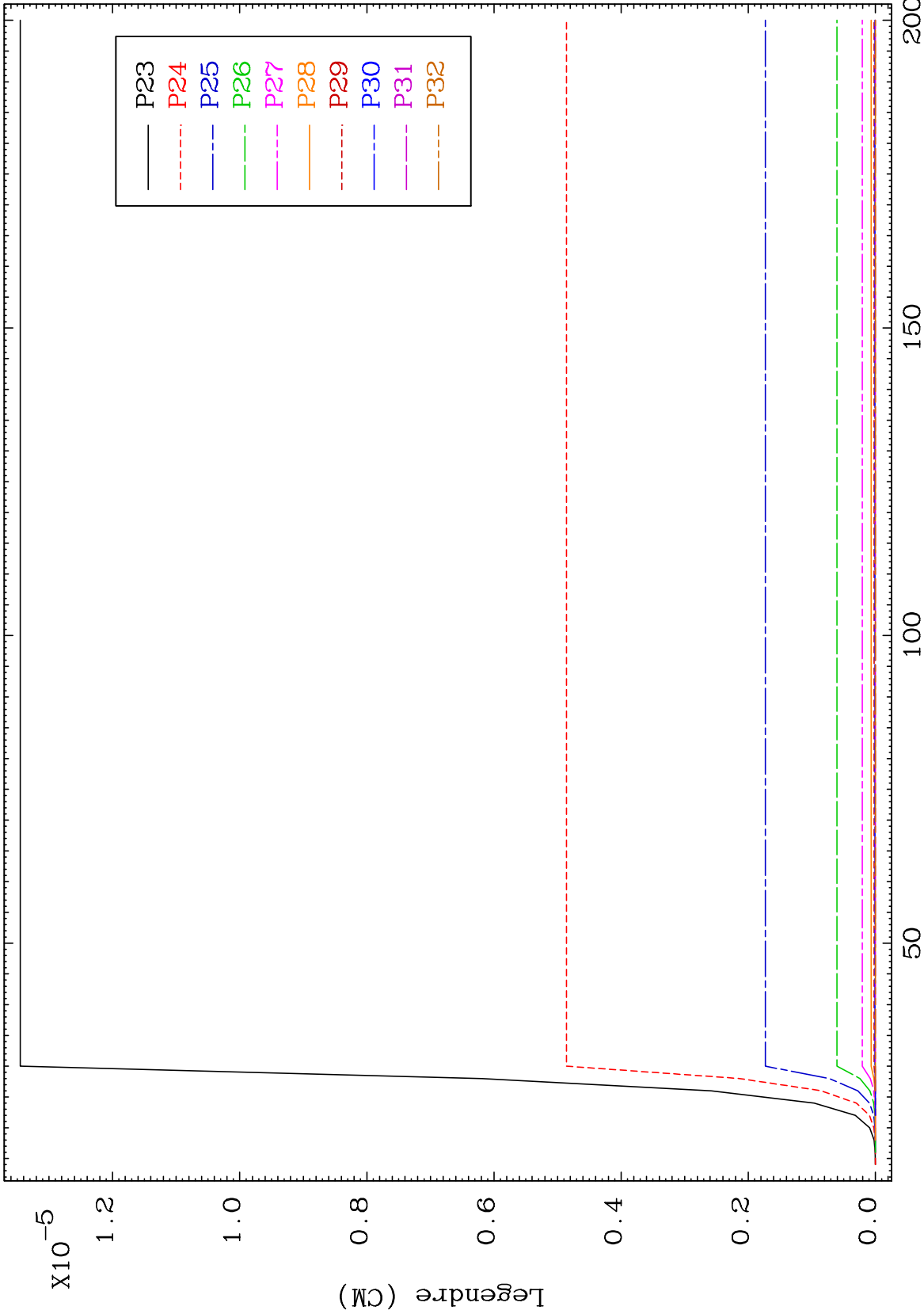
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



30

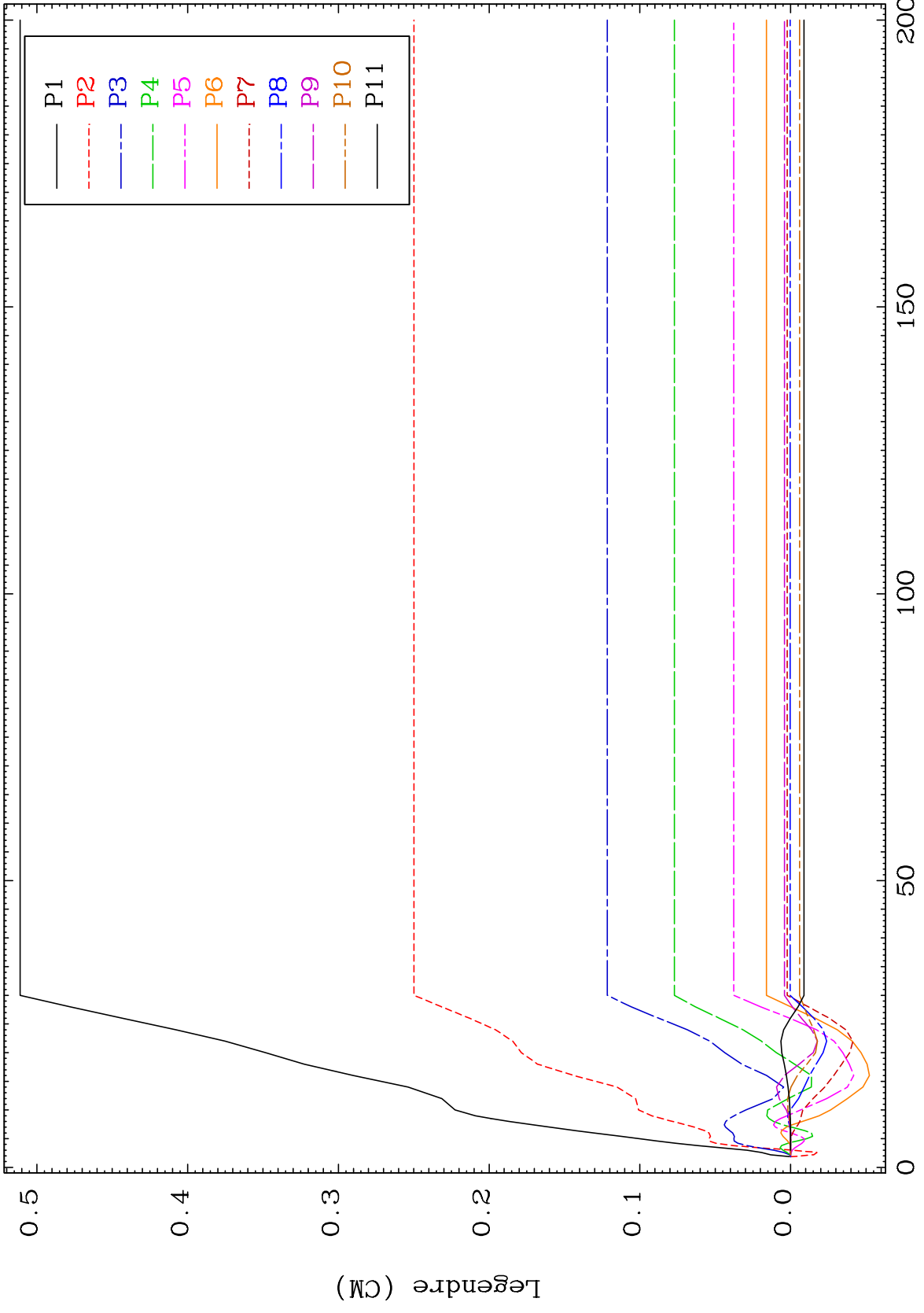
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

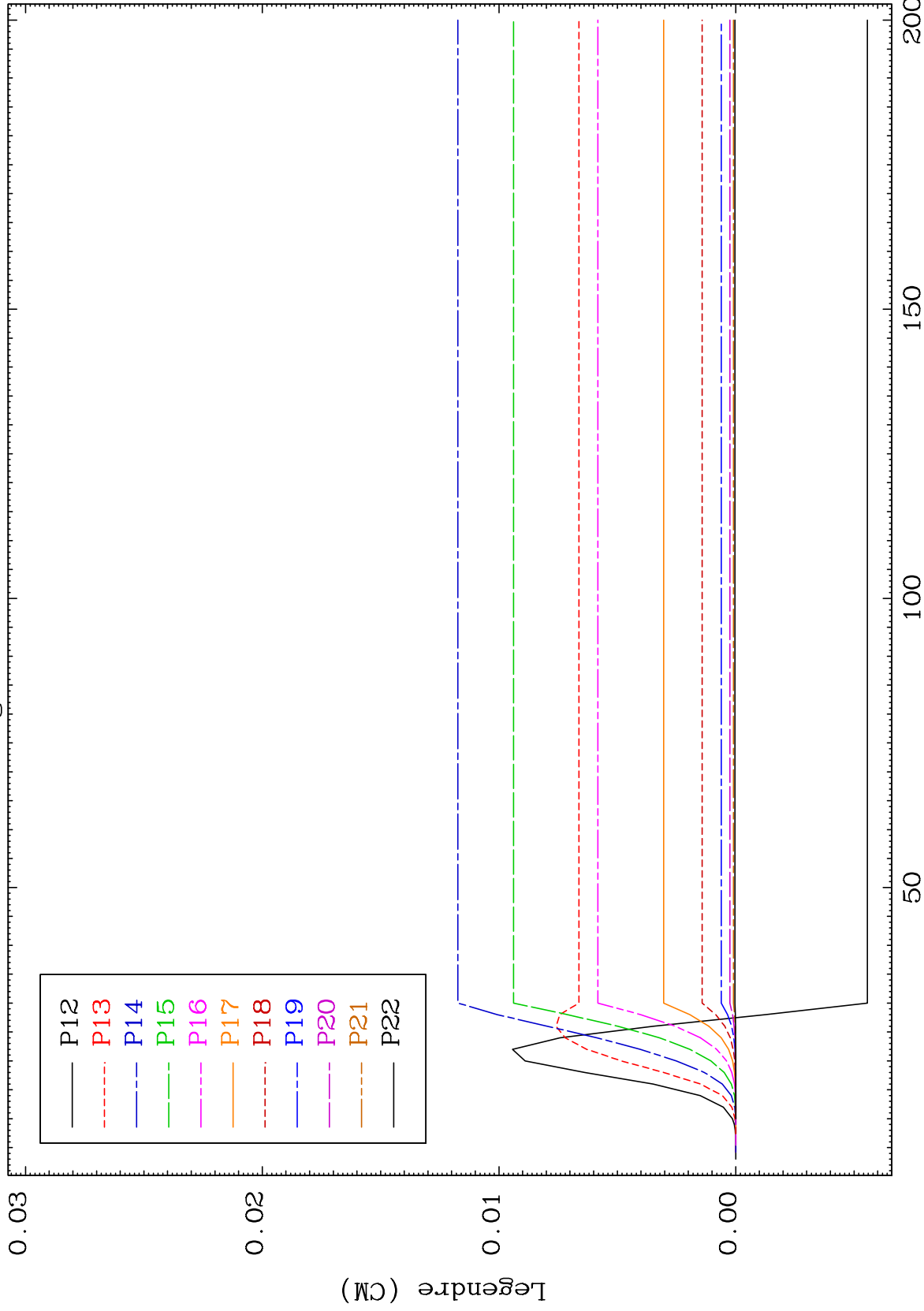
25-Mn-59



MAT 2537

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

25-Mn-59



32

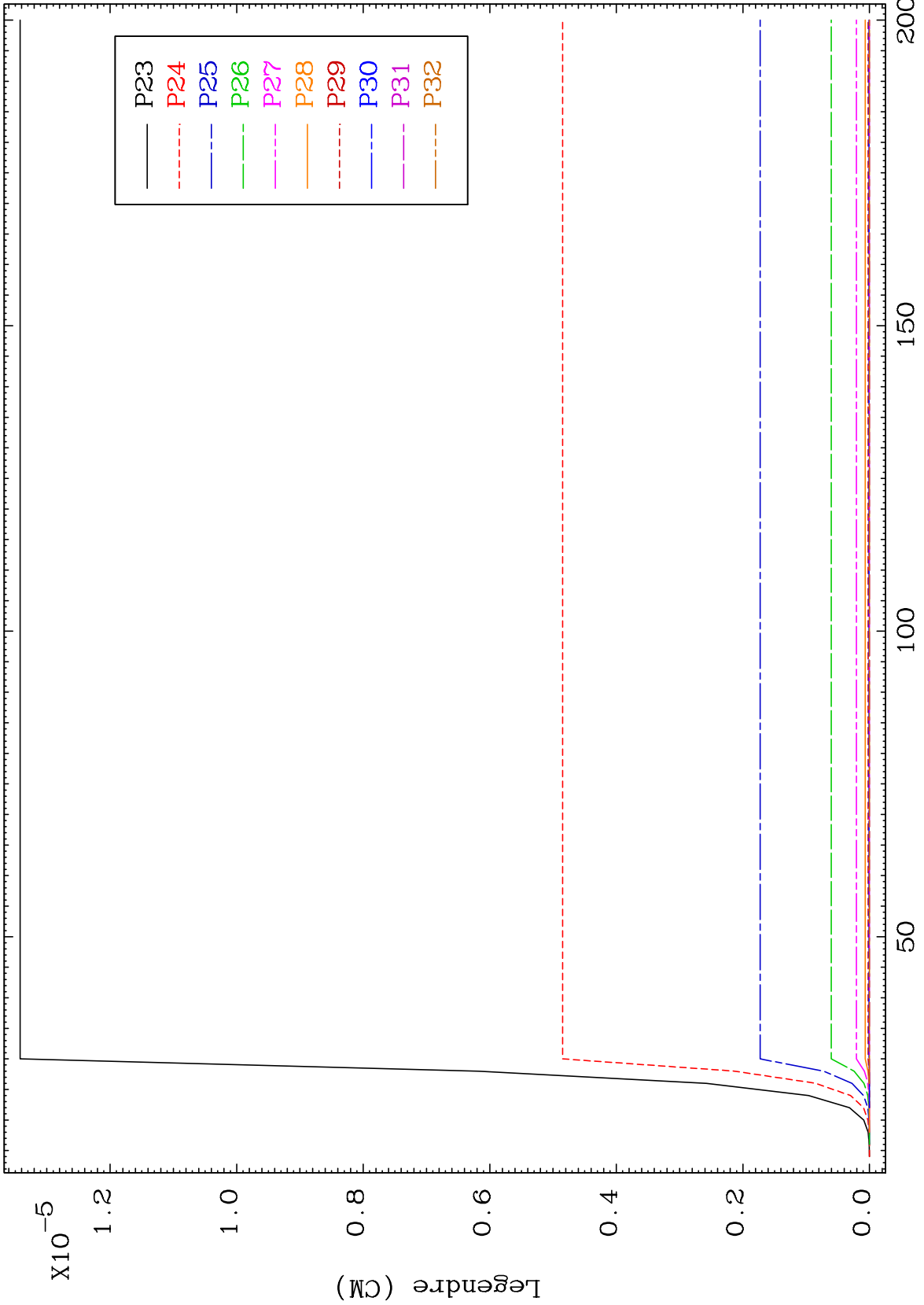
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



33

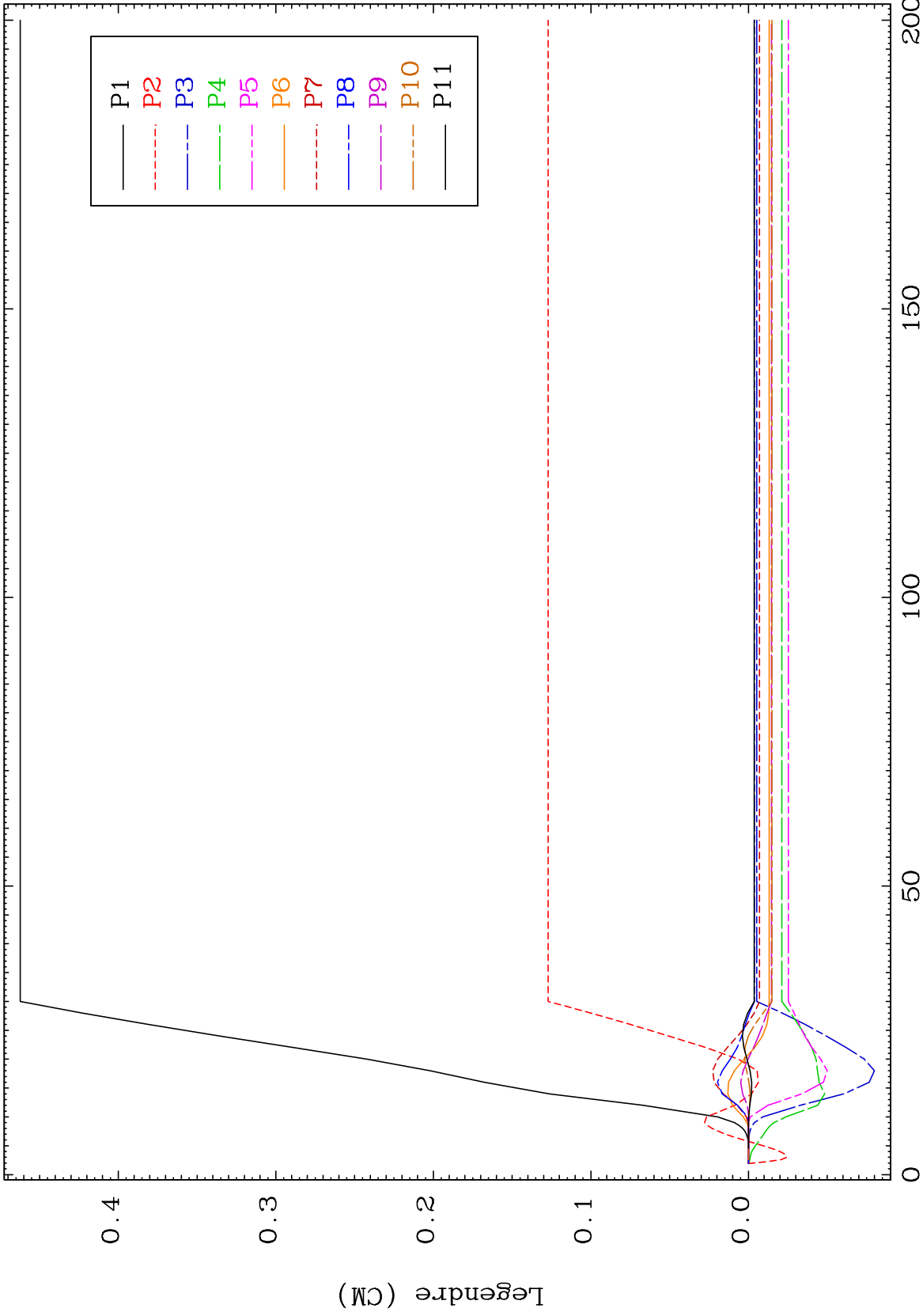
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



34

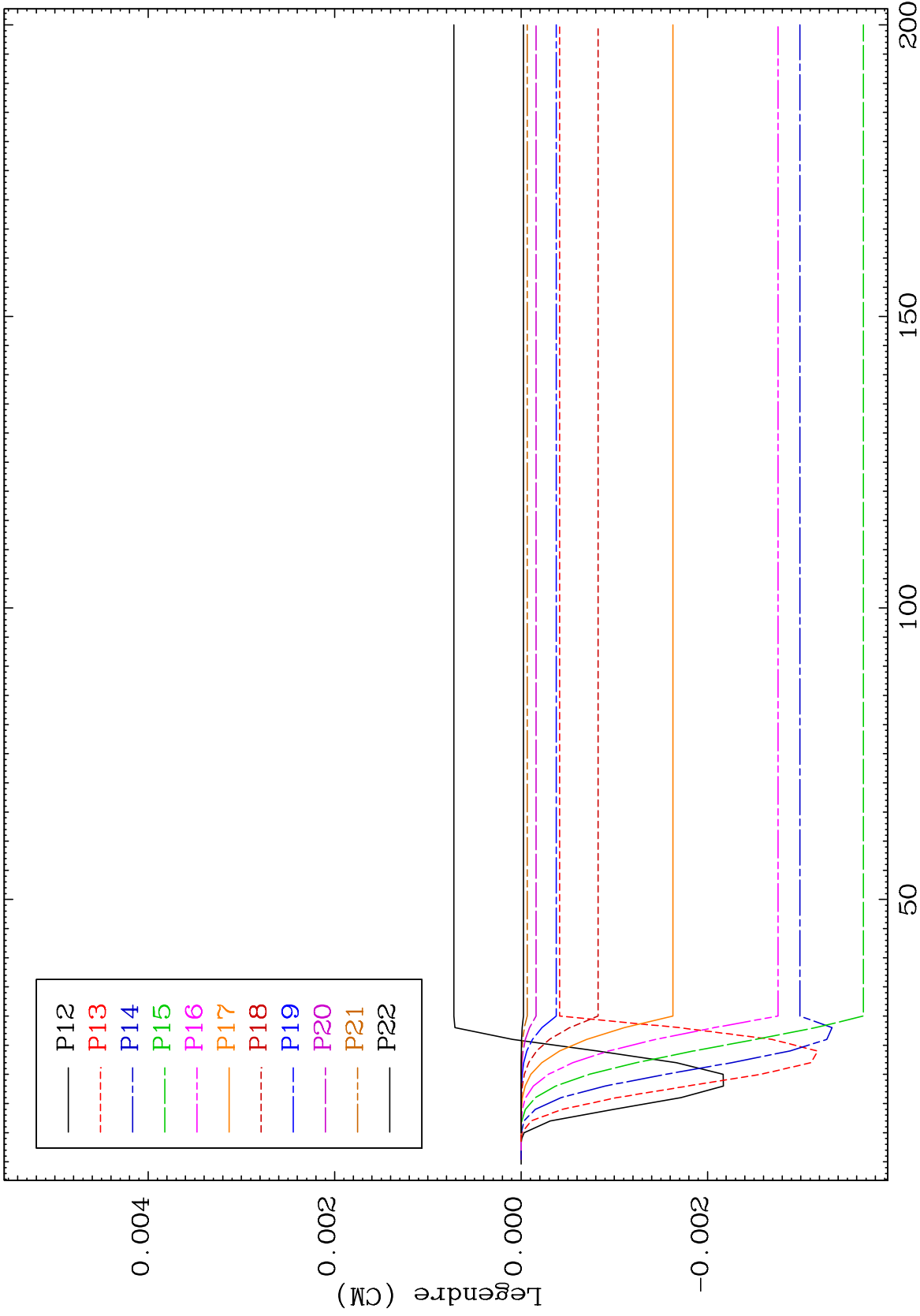
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

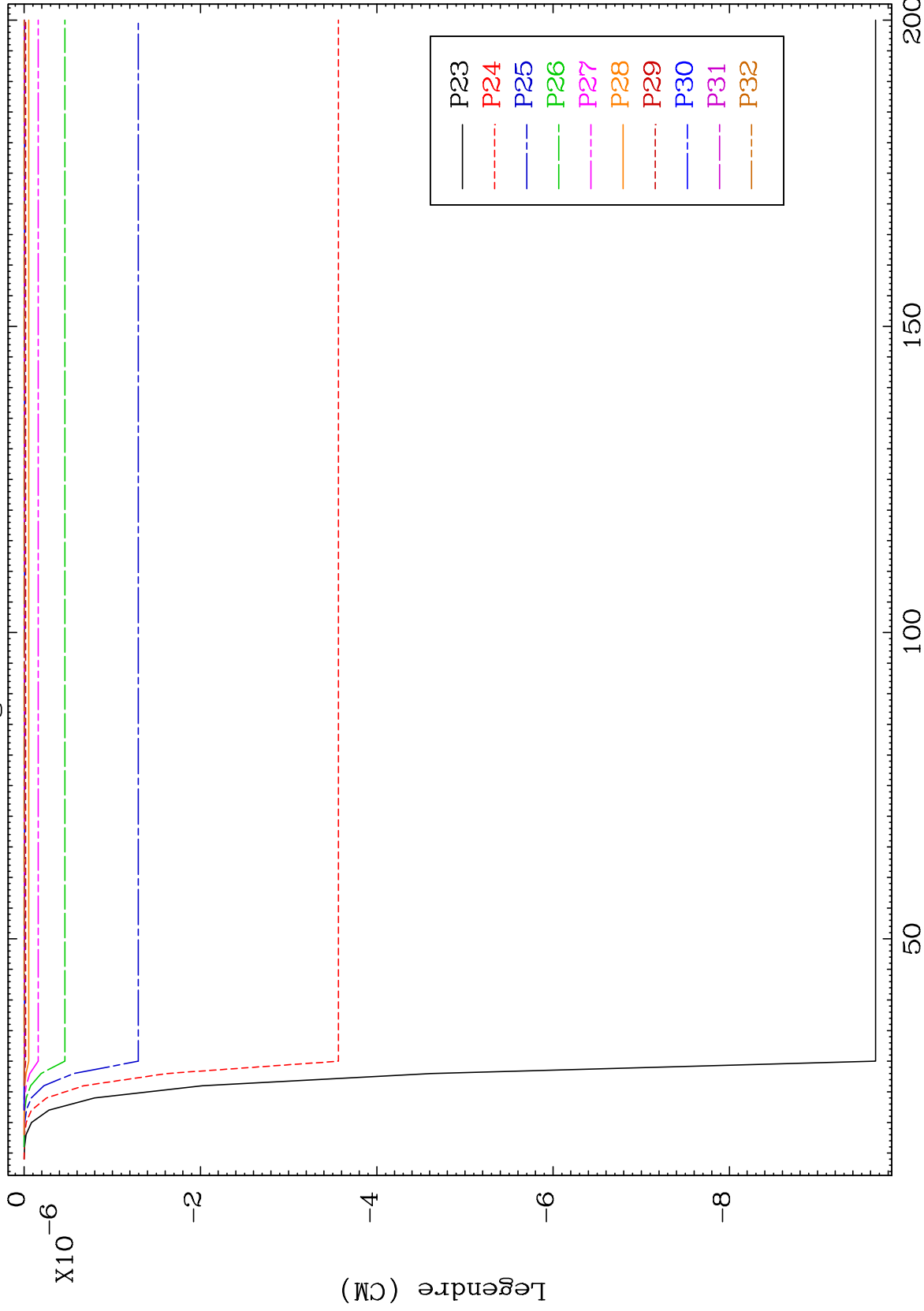
25-Mn-59



35

Incident Energy (MeV)

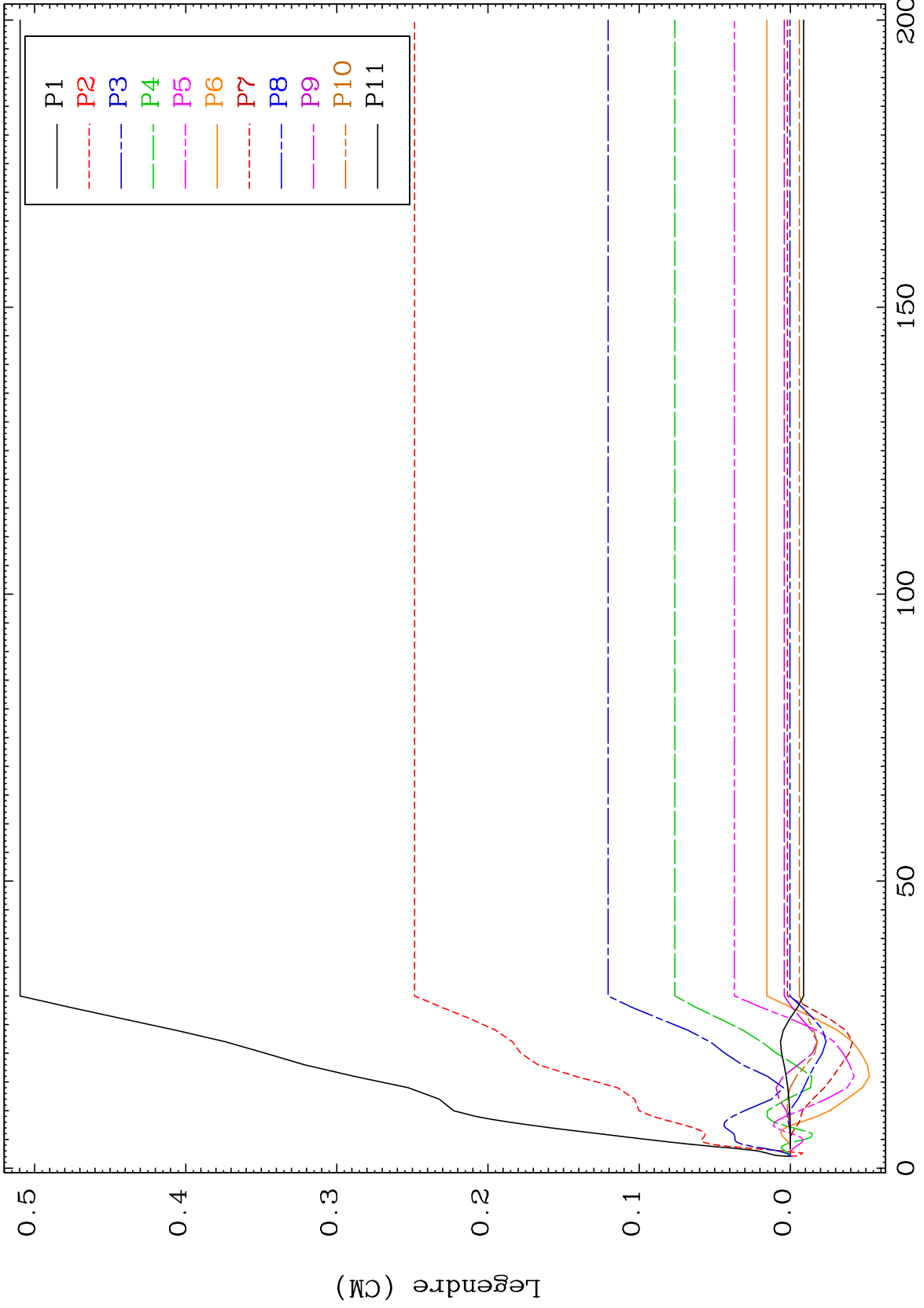
25-Mn-59



MAT 2537

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

25-Mn-59



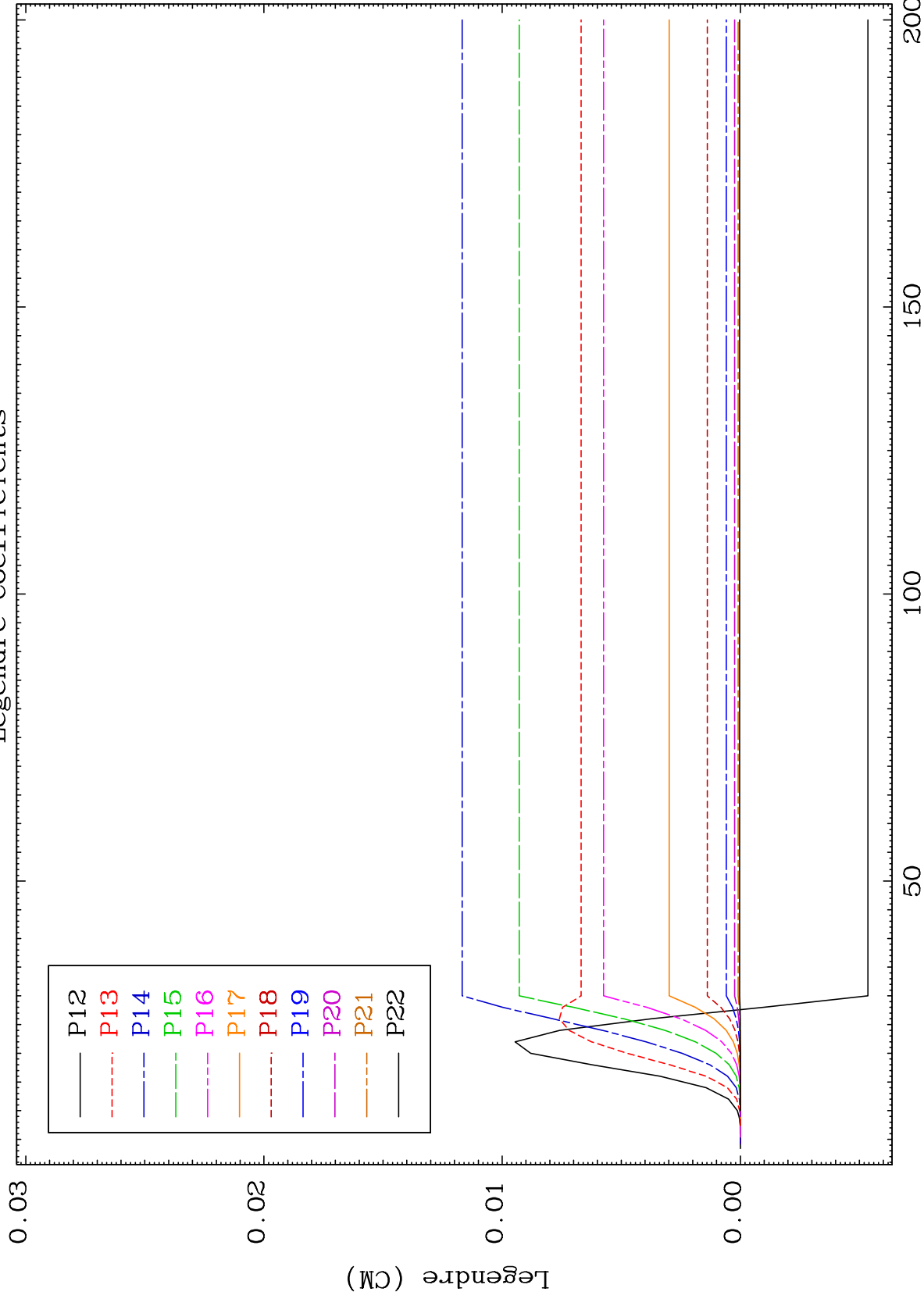
37

25-Mn-59

MAT 2537

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

25-Mn-59



38

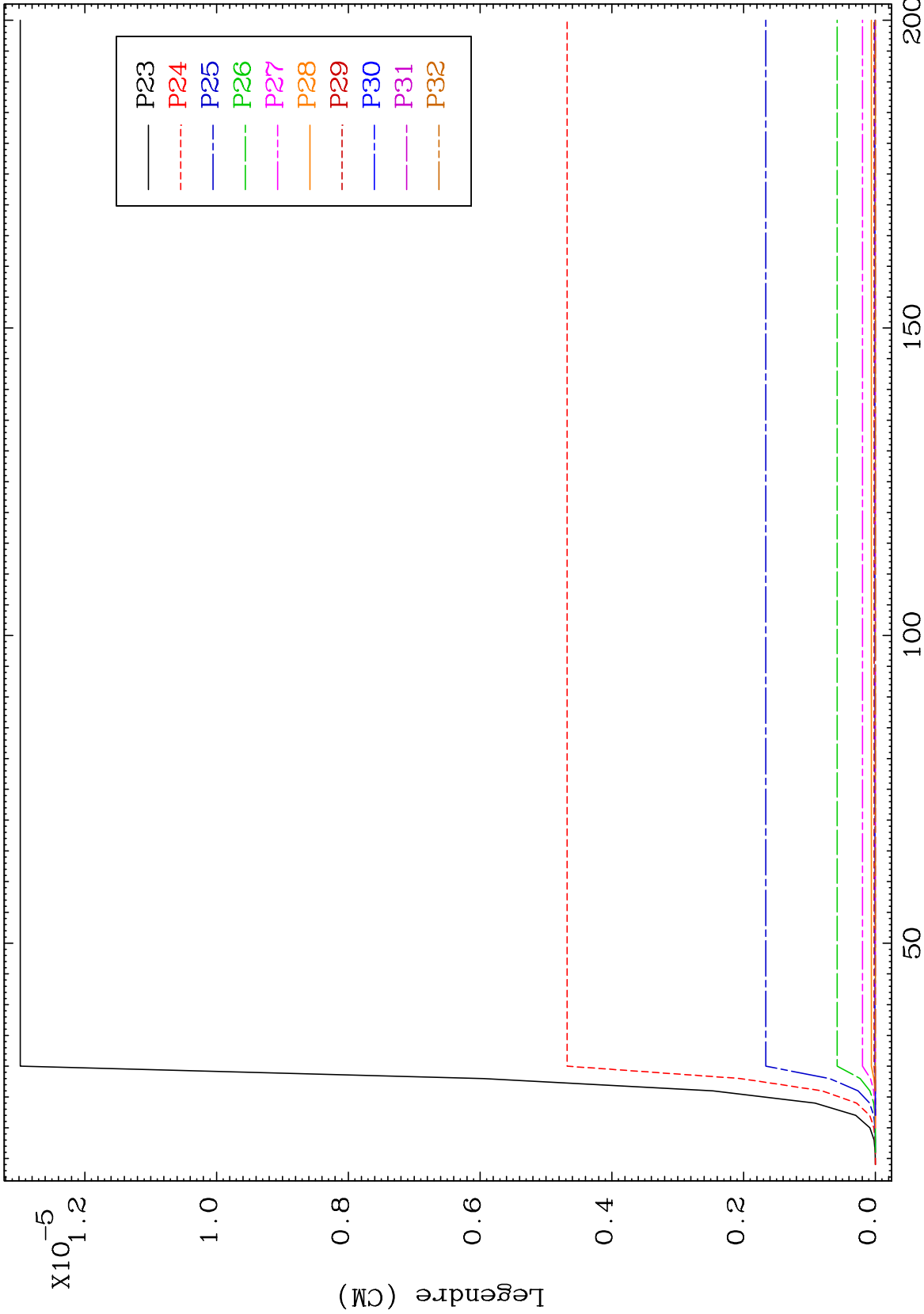
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



39

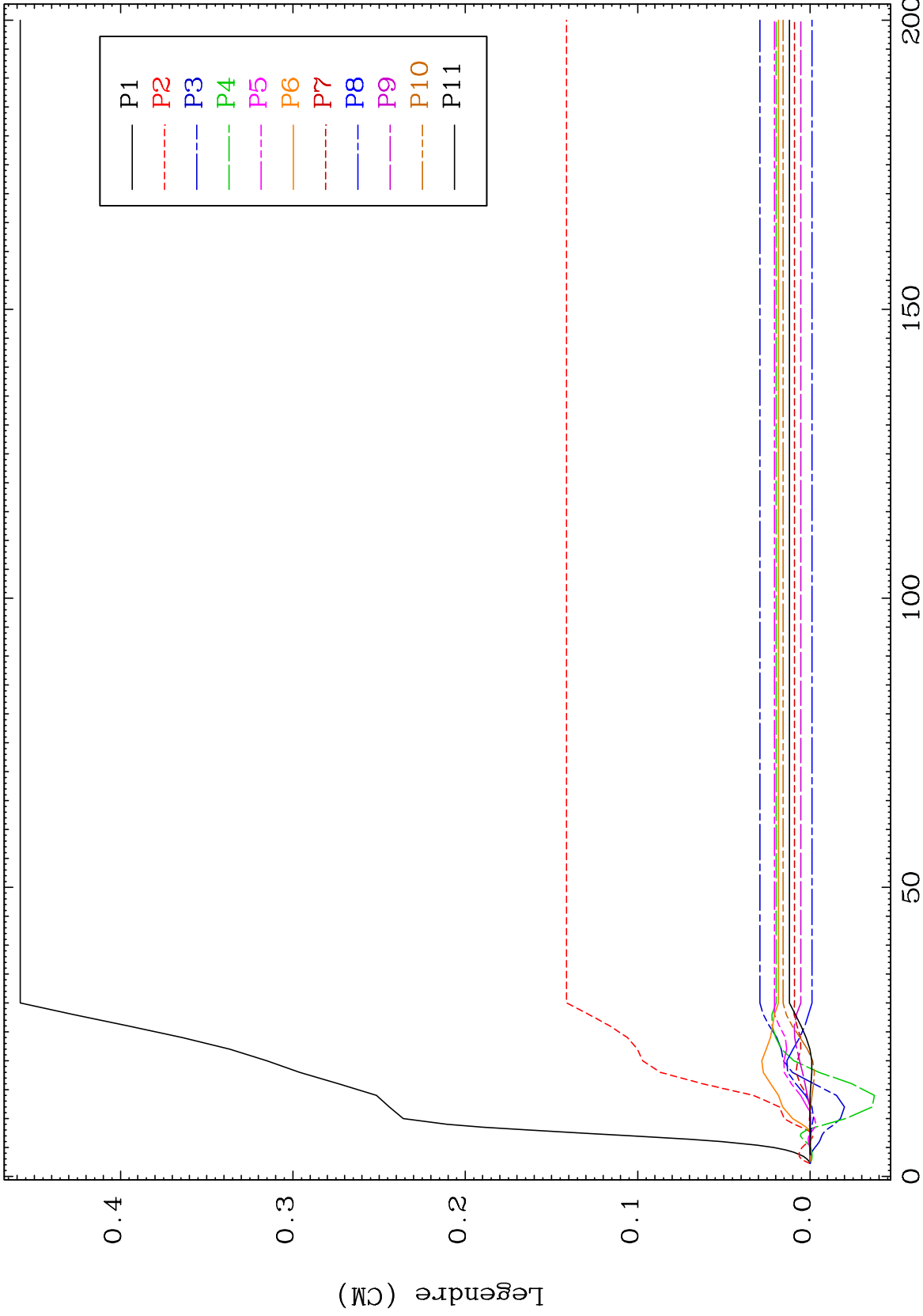
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



25-Mn-59

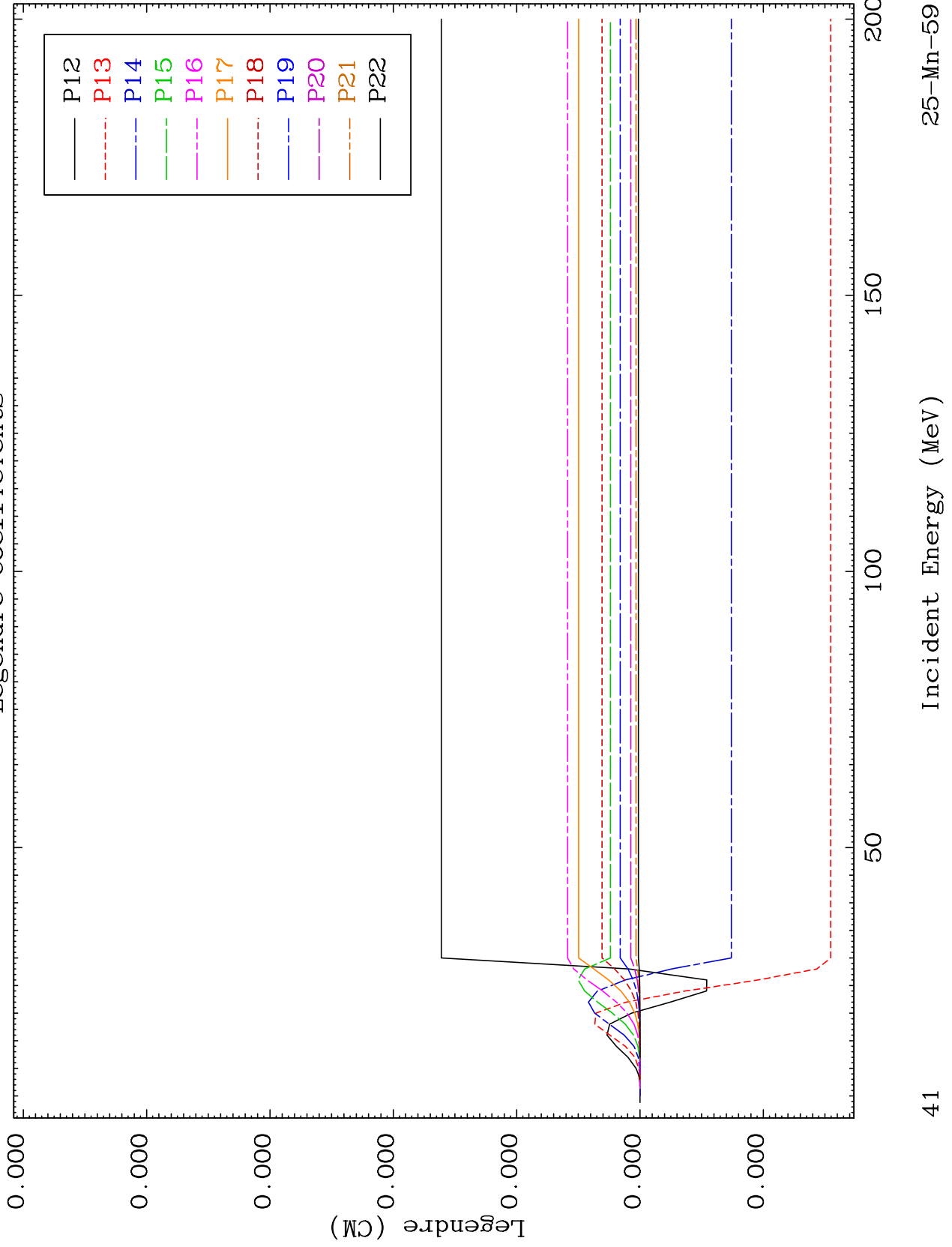
Incident Energy (MeV)

40

MAT 2537

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

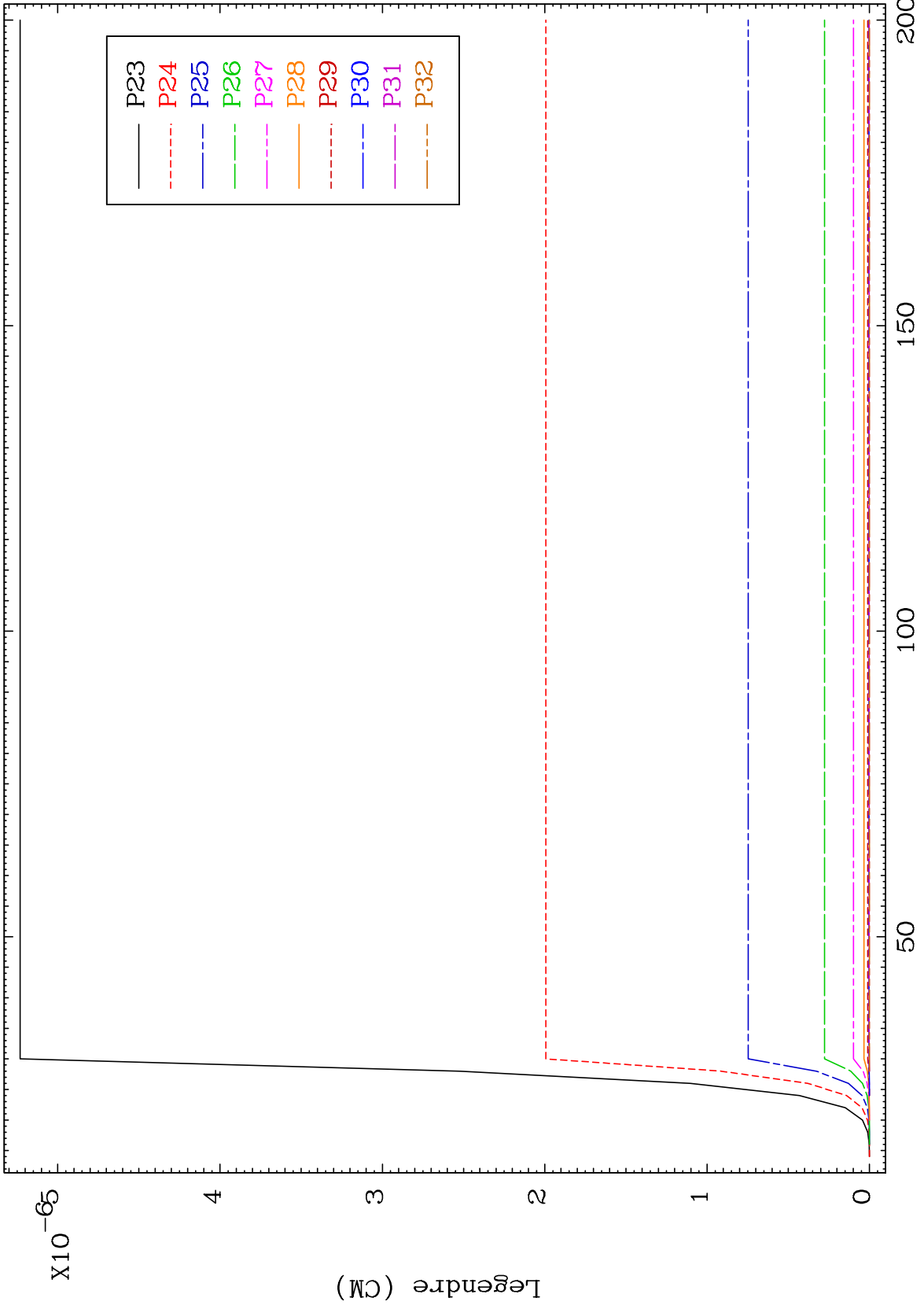
25-Mn-59



MAT 2537

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

25-Mn-59



42

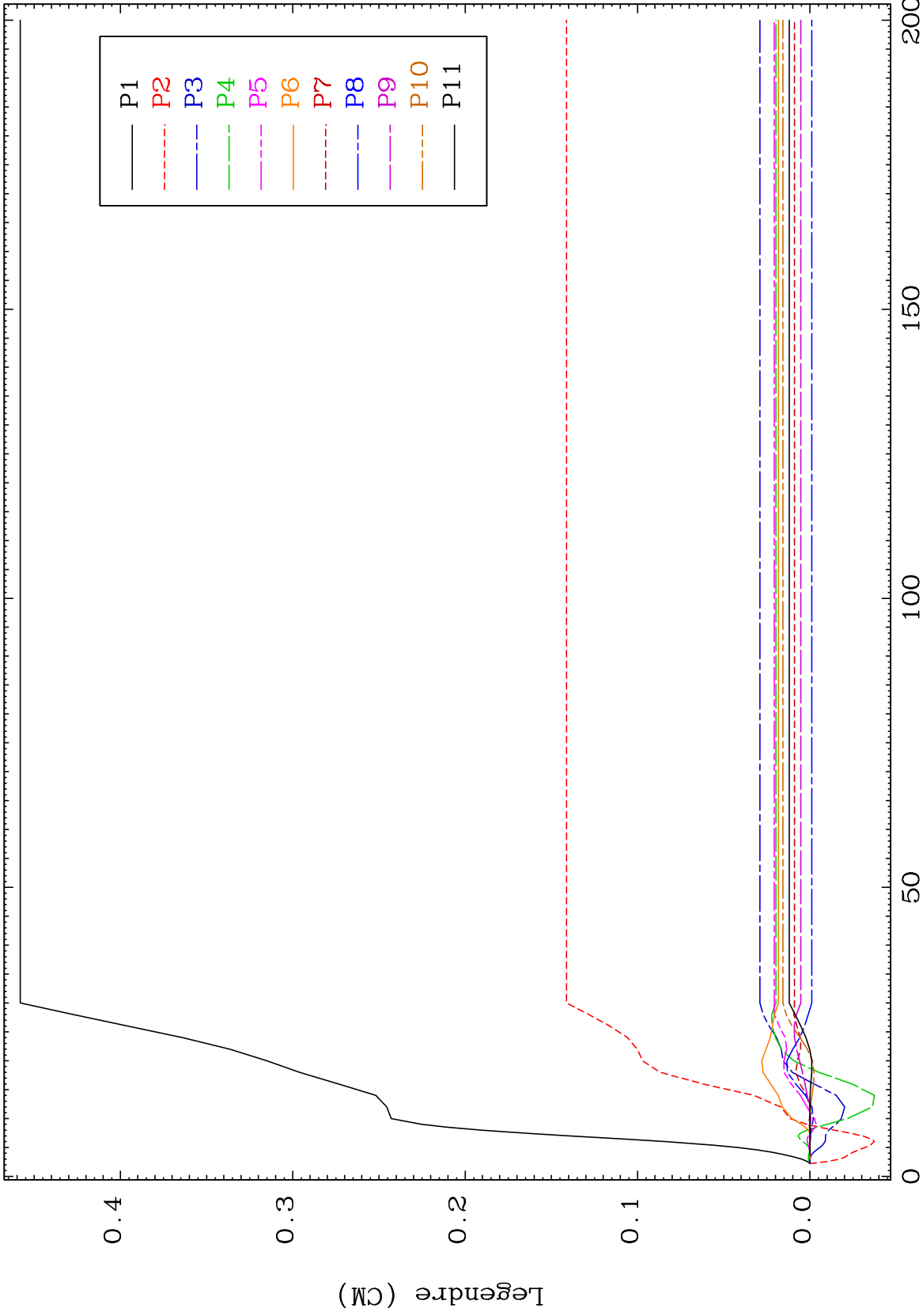
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



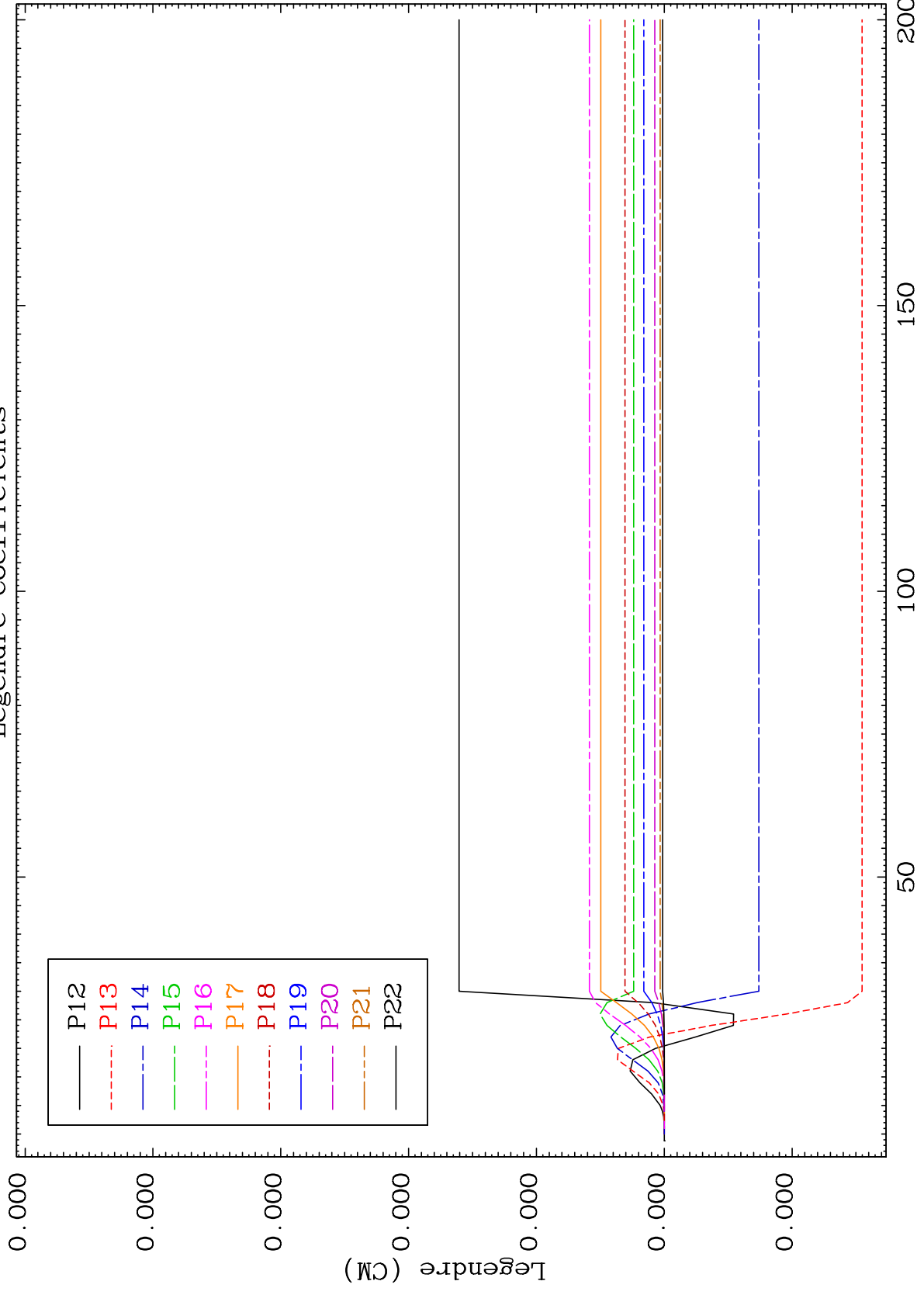
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25-Mn-59

MAT 2537

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

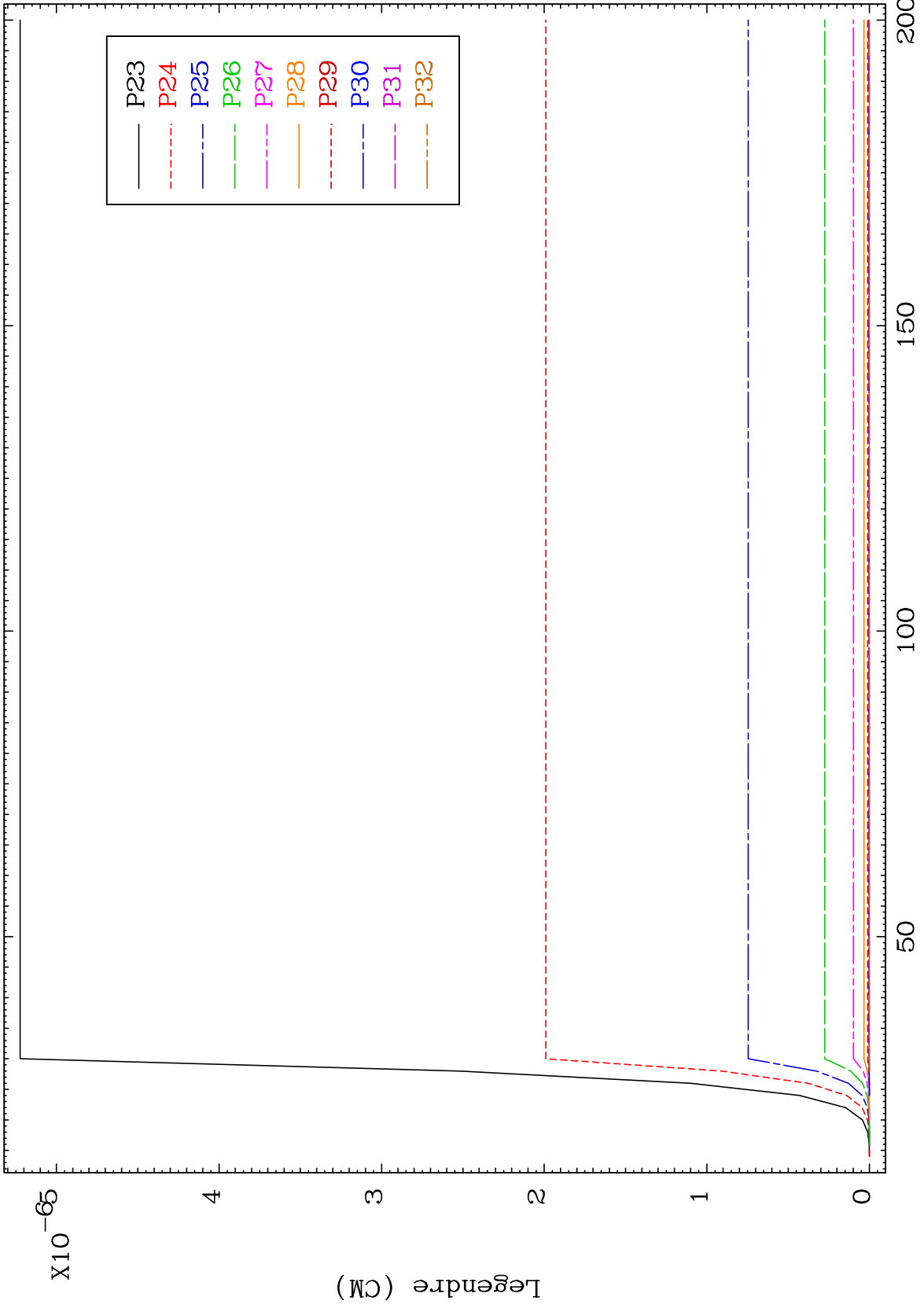
25-Mn-59



MAT 2537

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

25-Mn-59



45

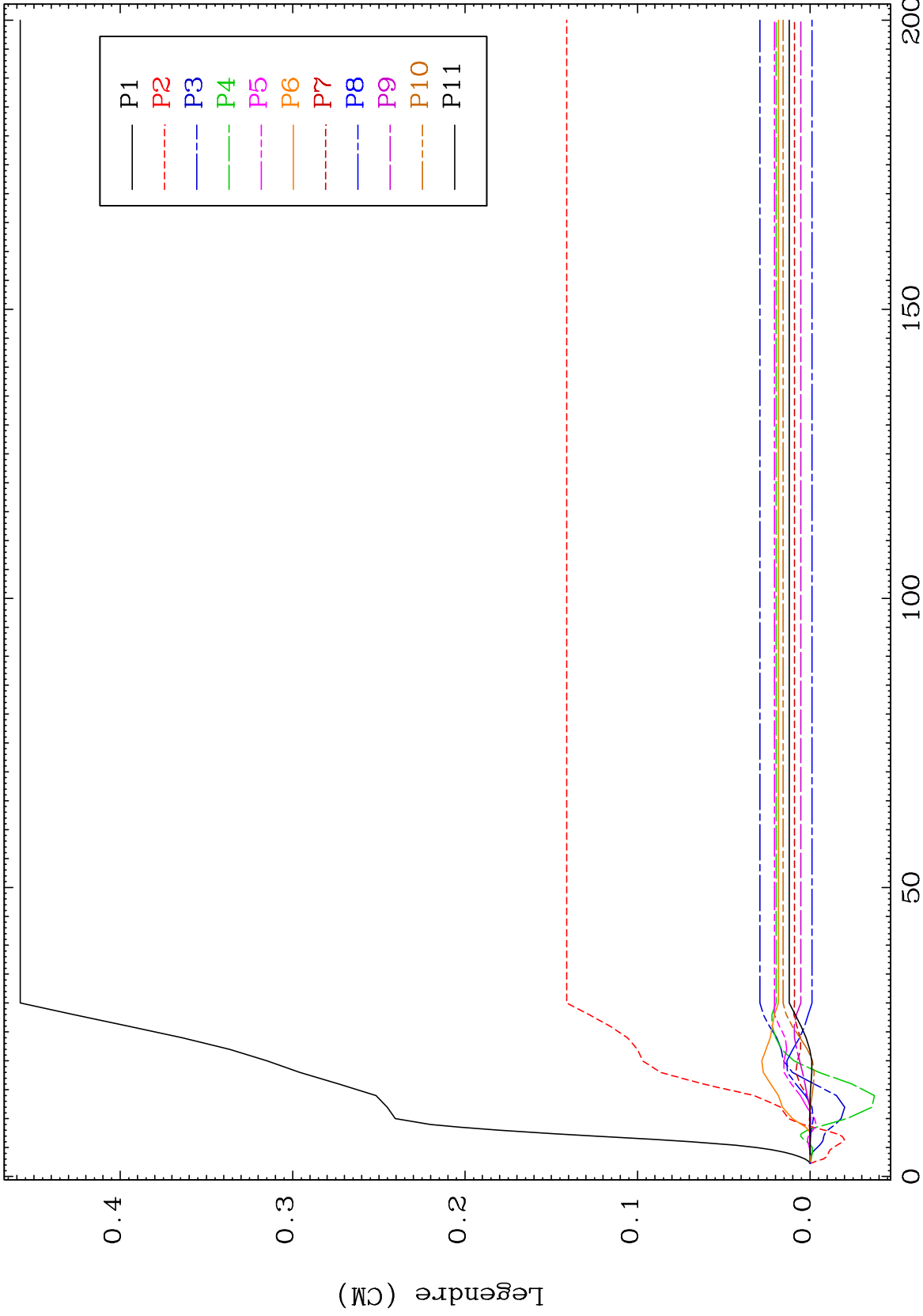
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



46

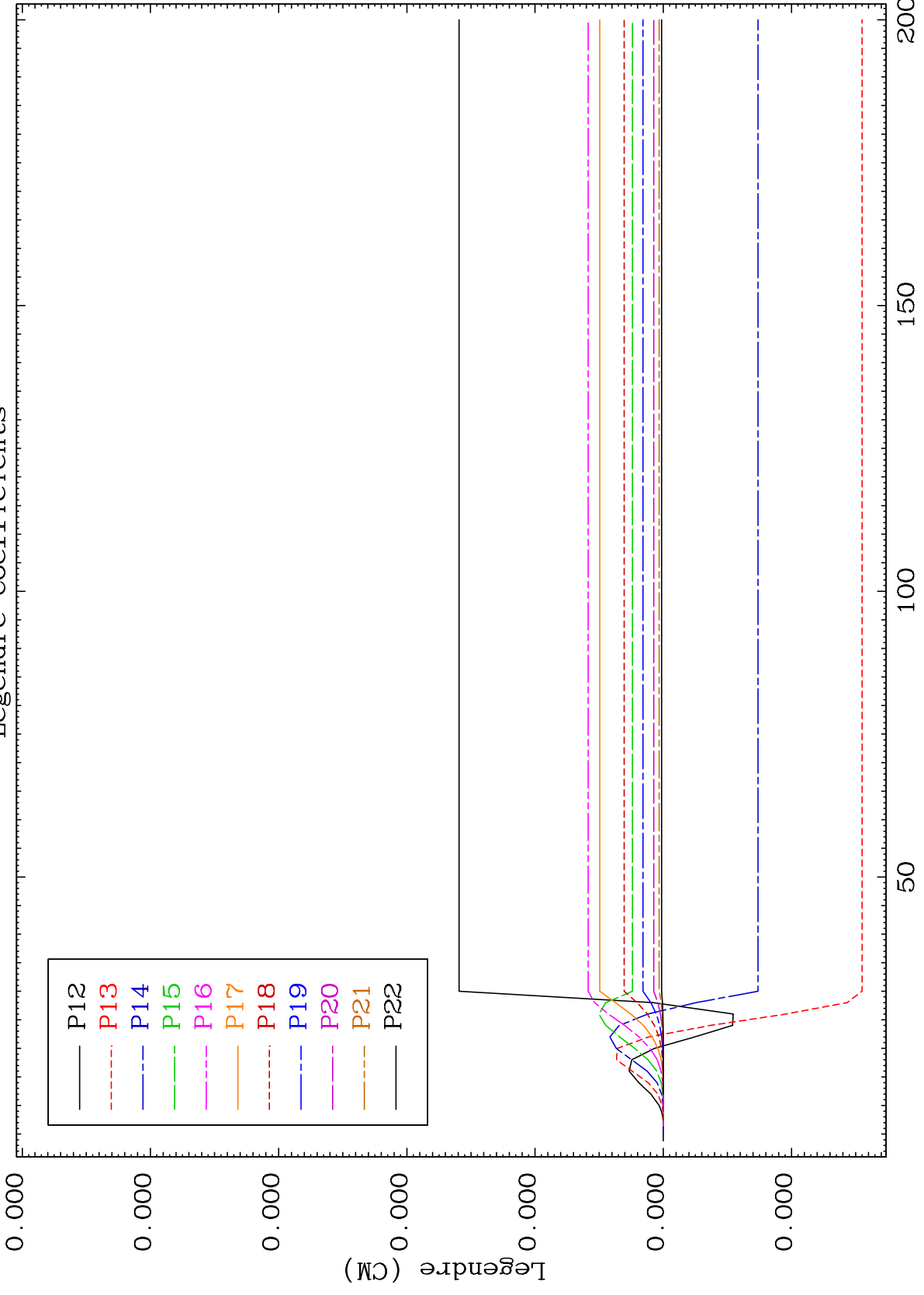
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



47

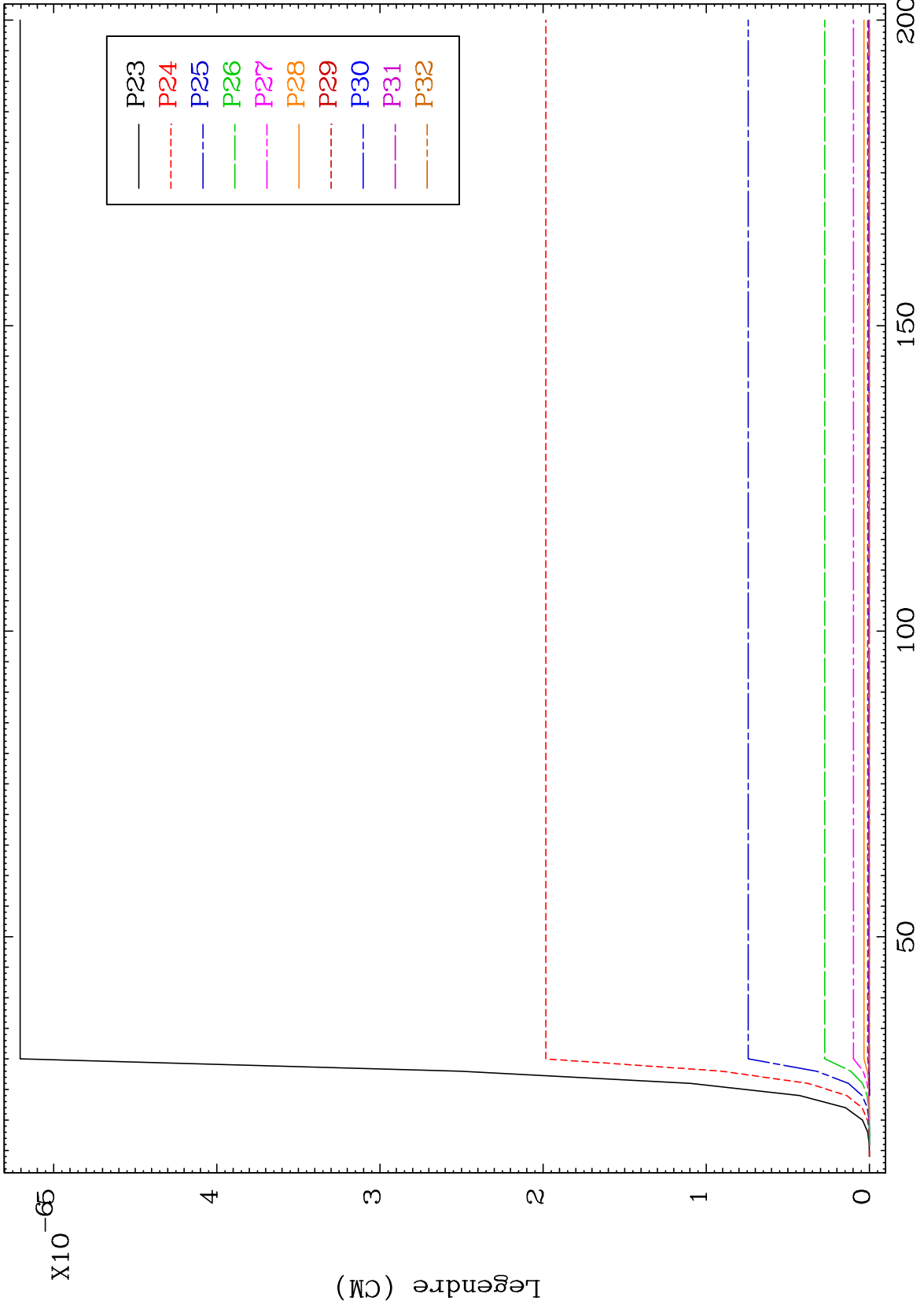
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



48

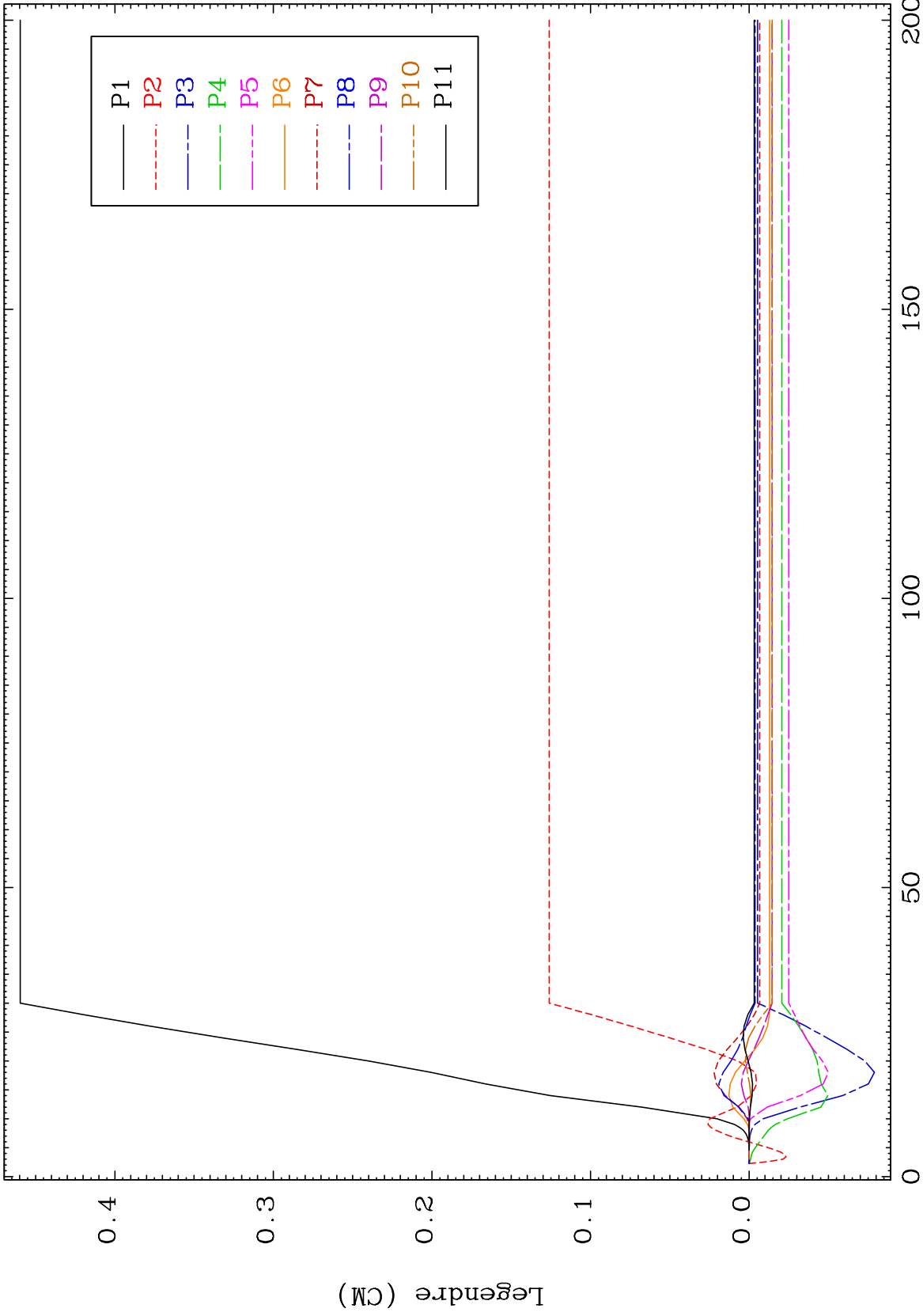
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



49

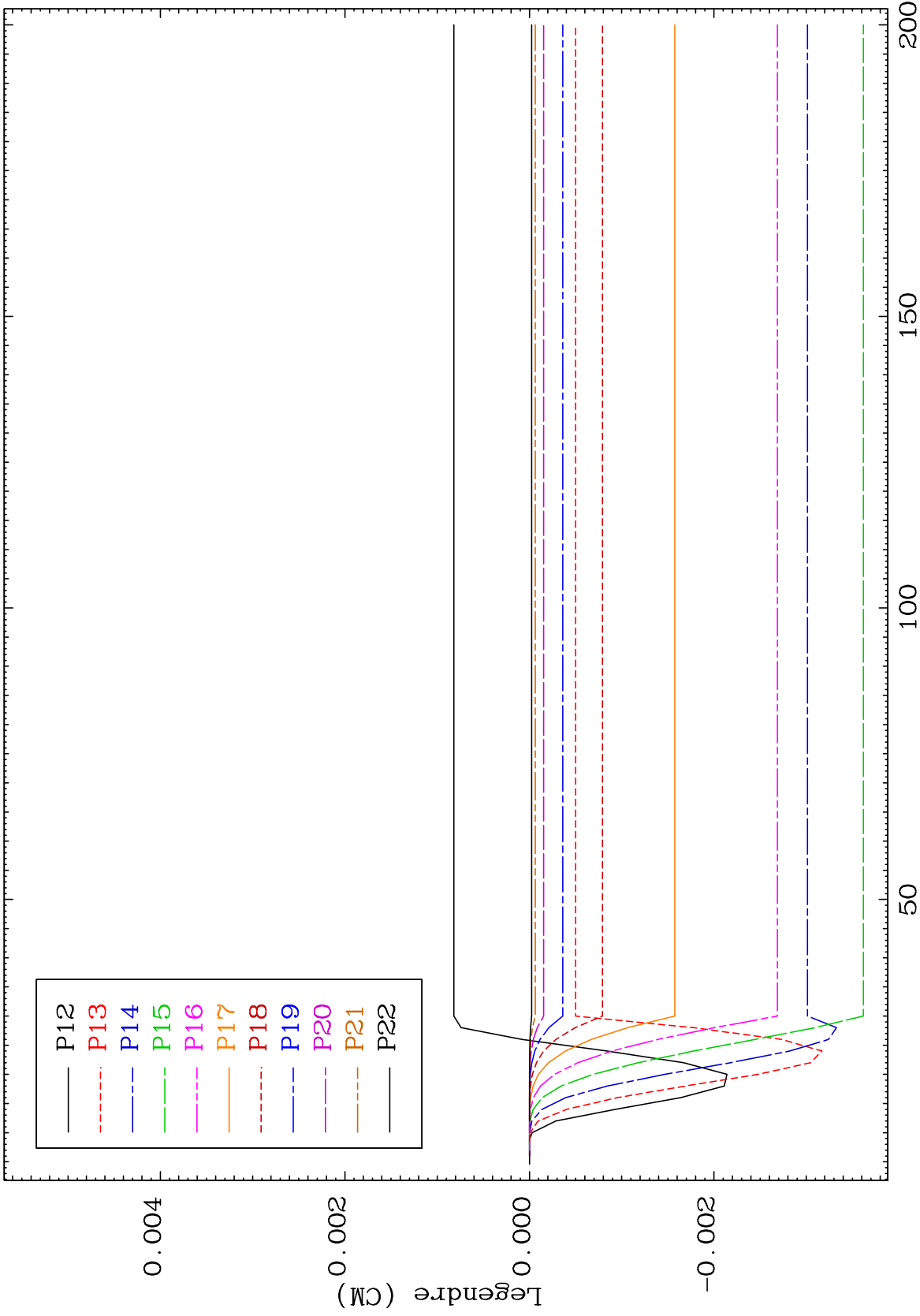
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



50

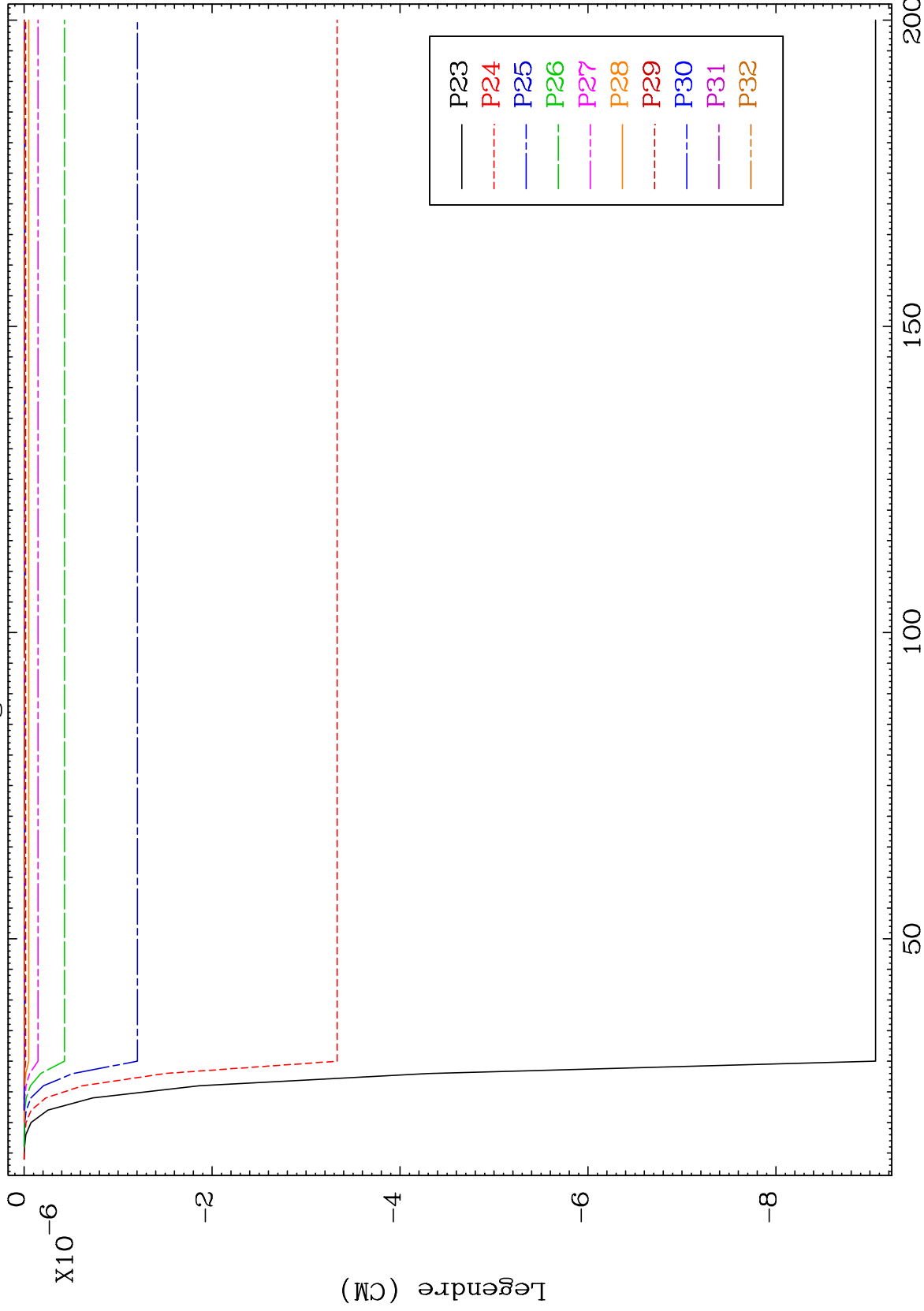
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



51

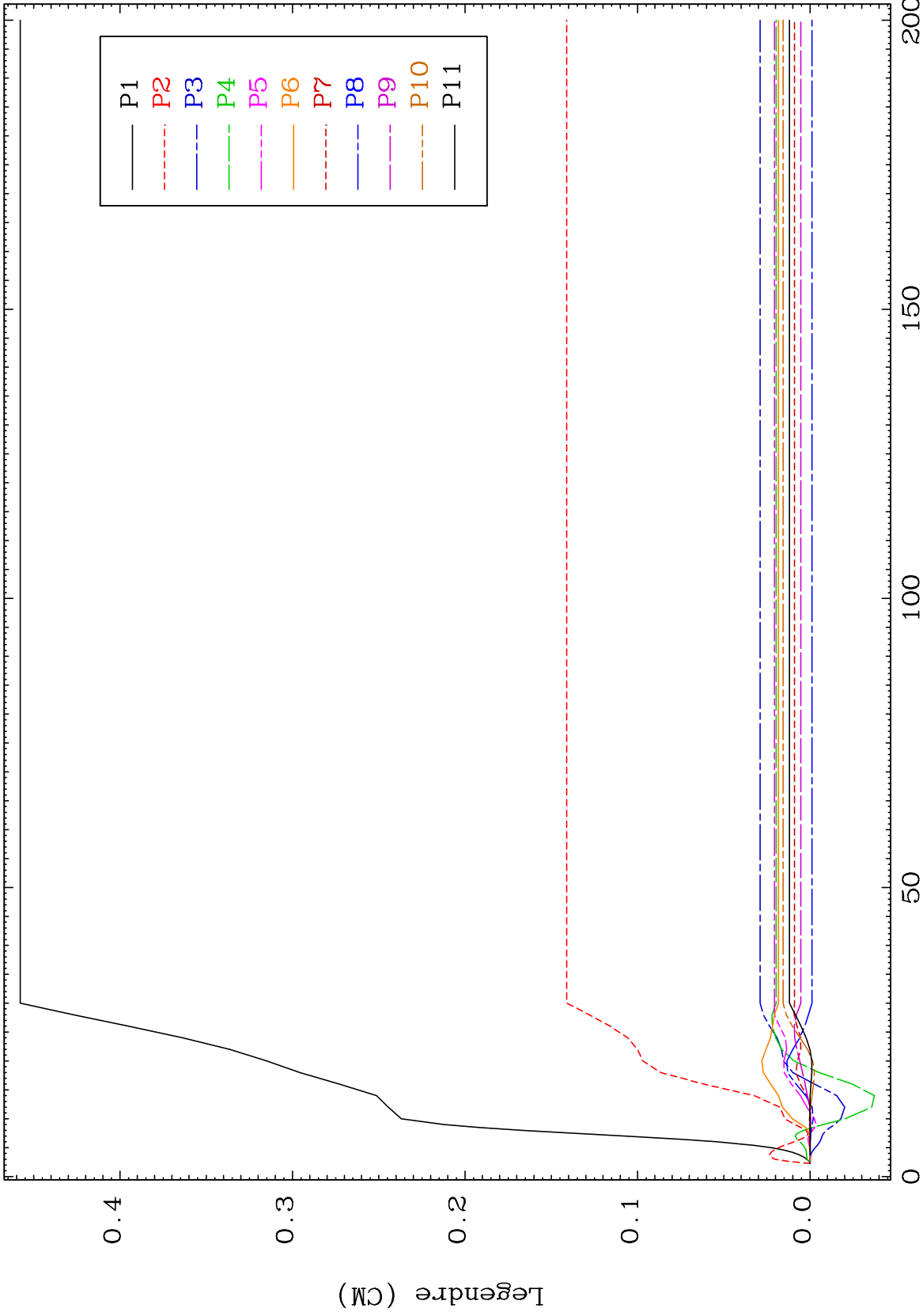
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



52

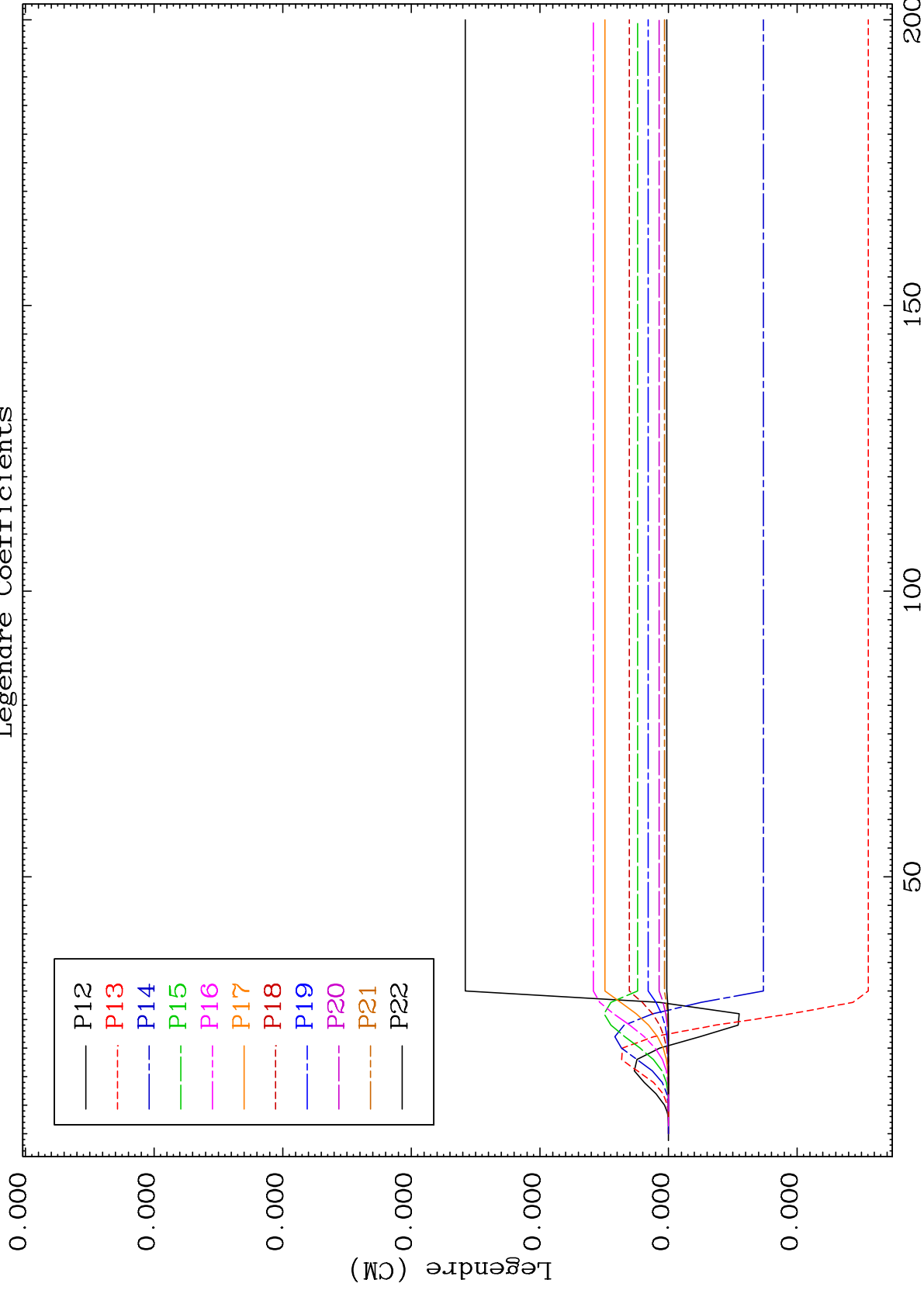
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



53

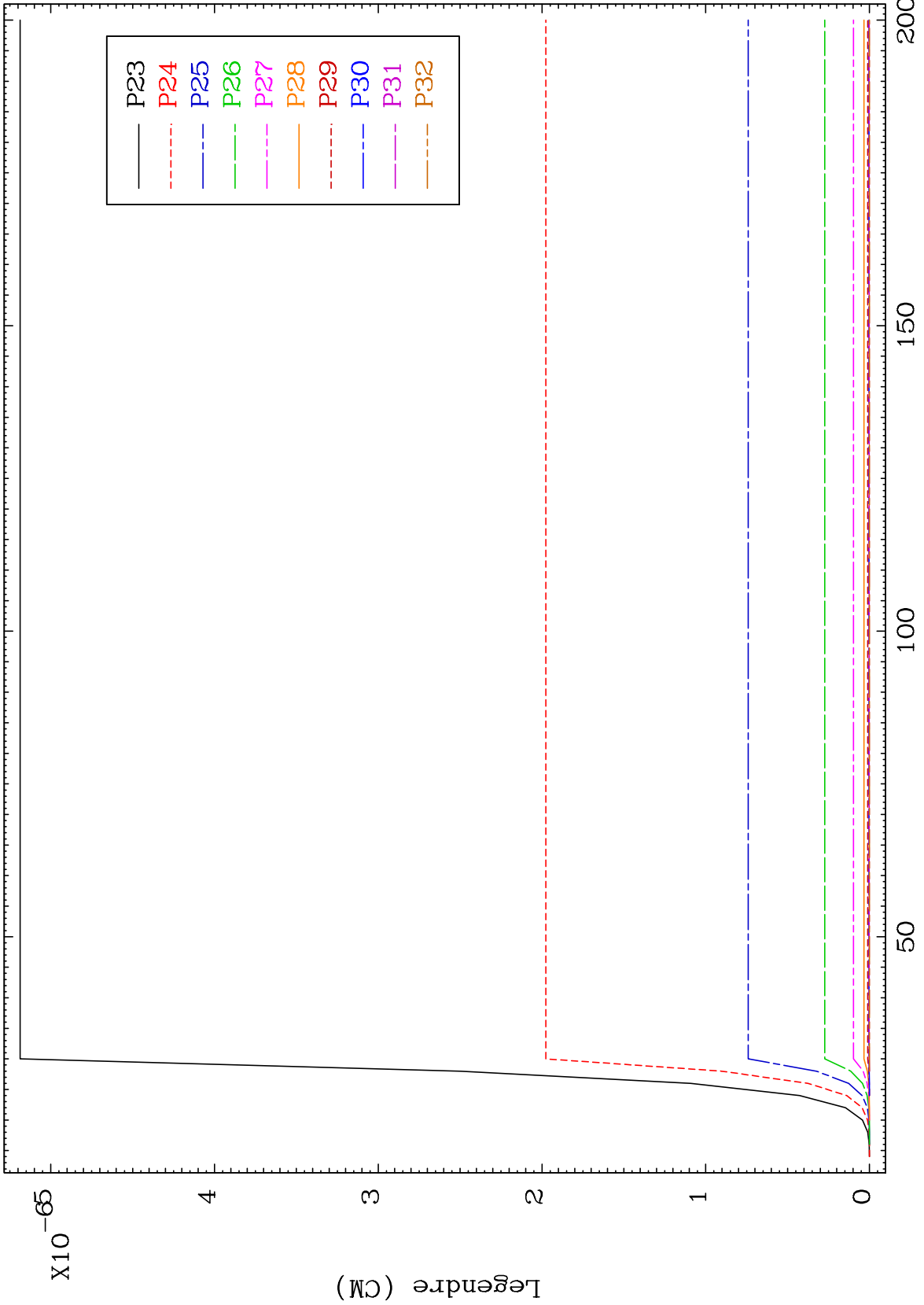
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



54

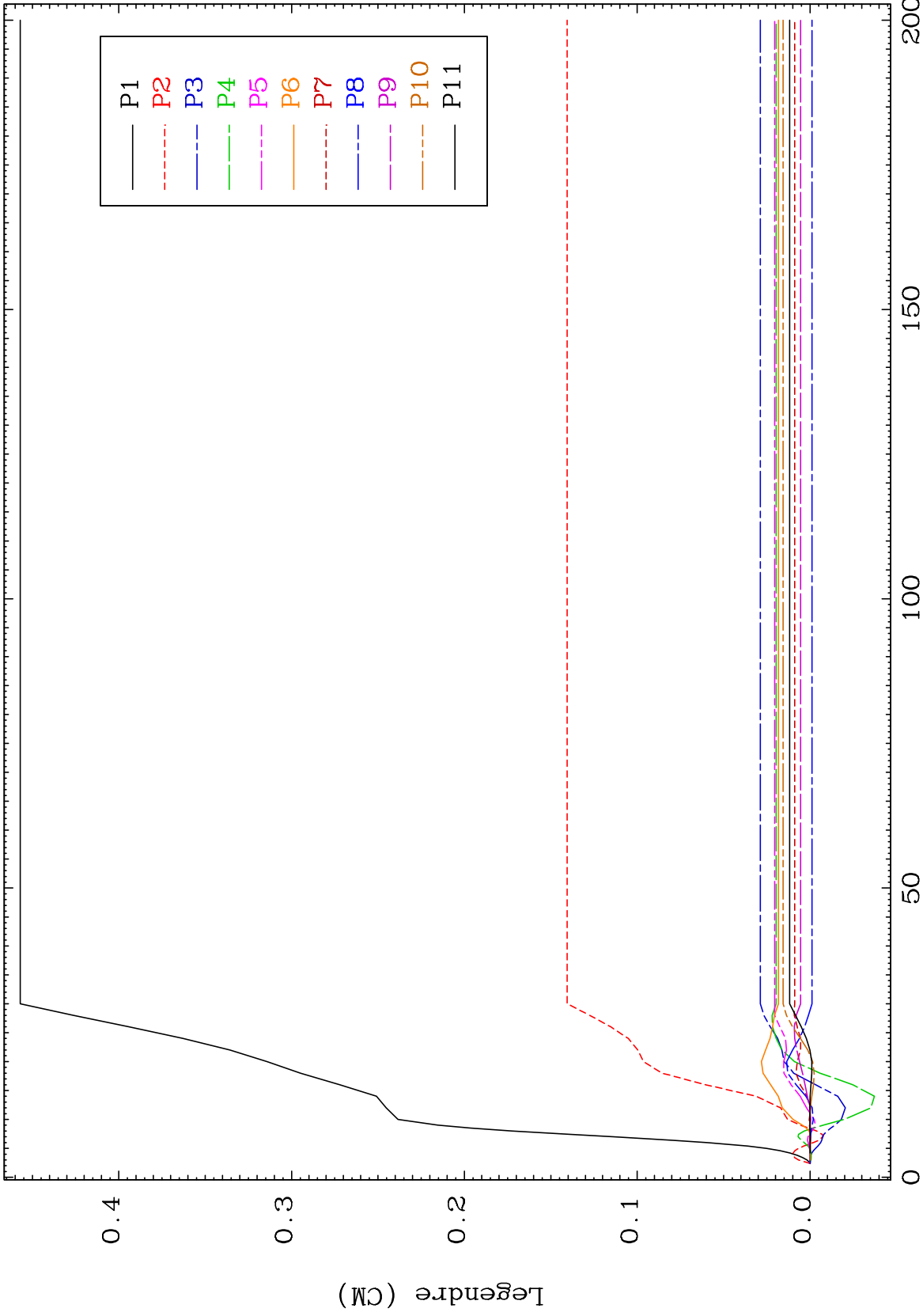
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

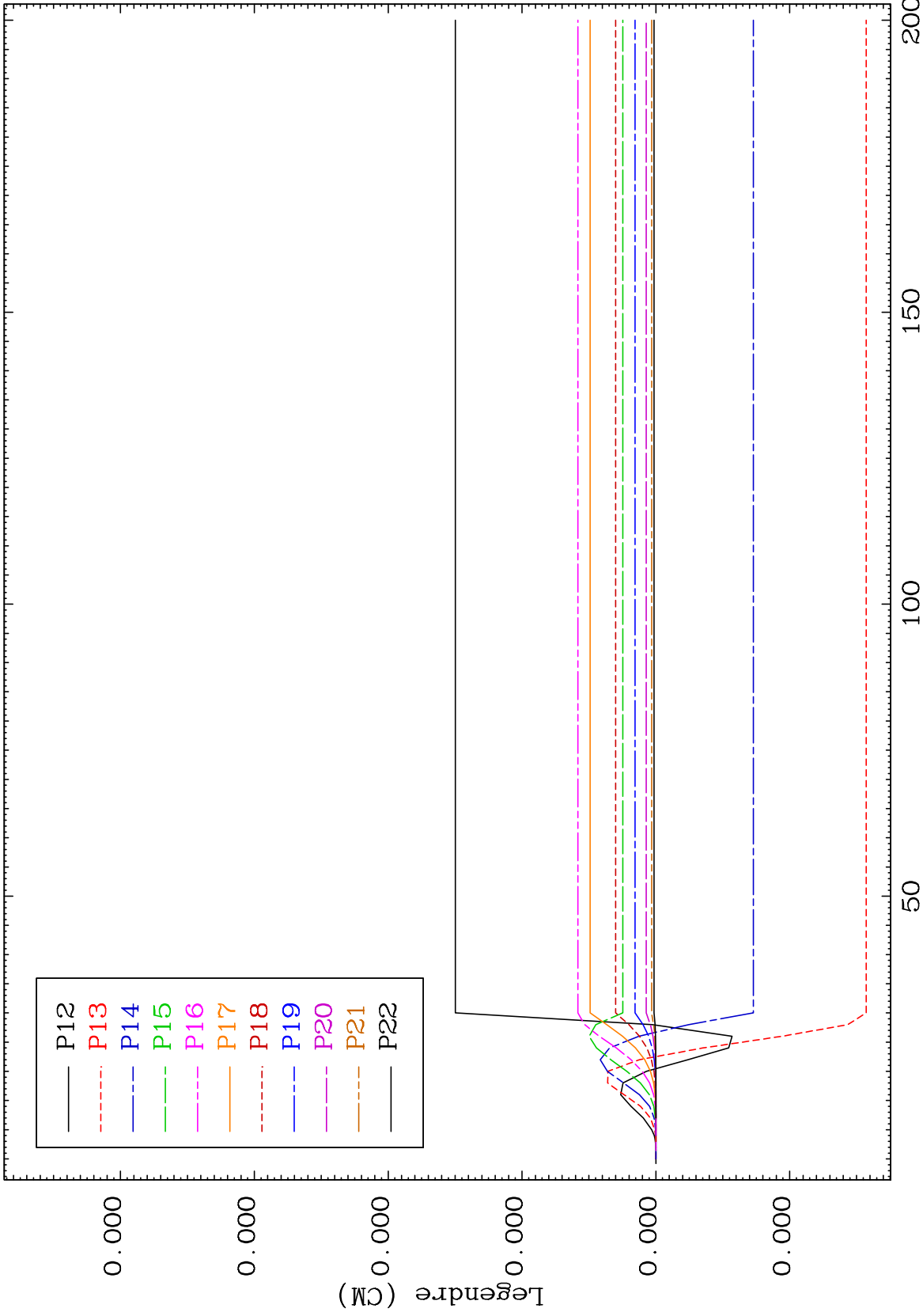
25-Mn-59



55

Incident Energy (MeV)

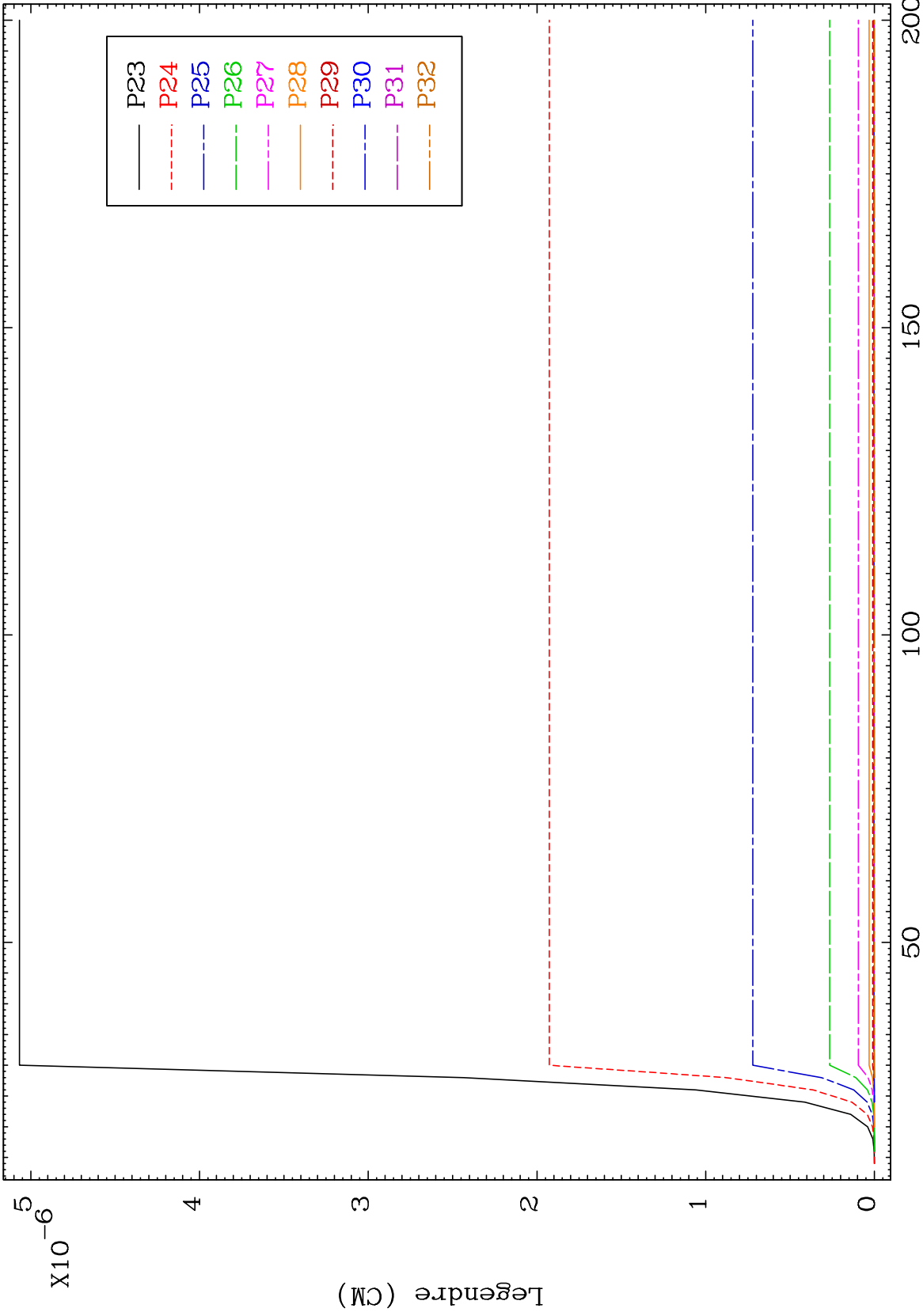
25-Mn-59



MAT 2537

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

25-Mn-59



57

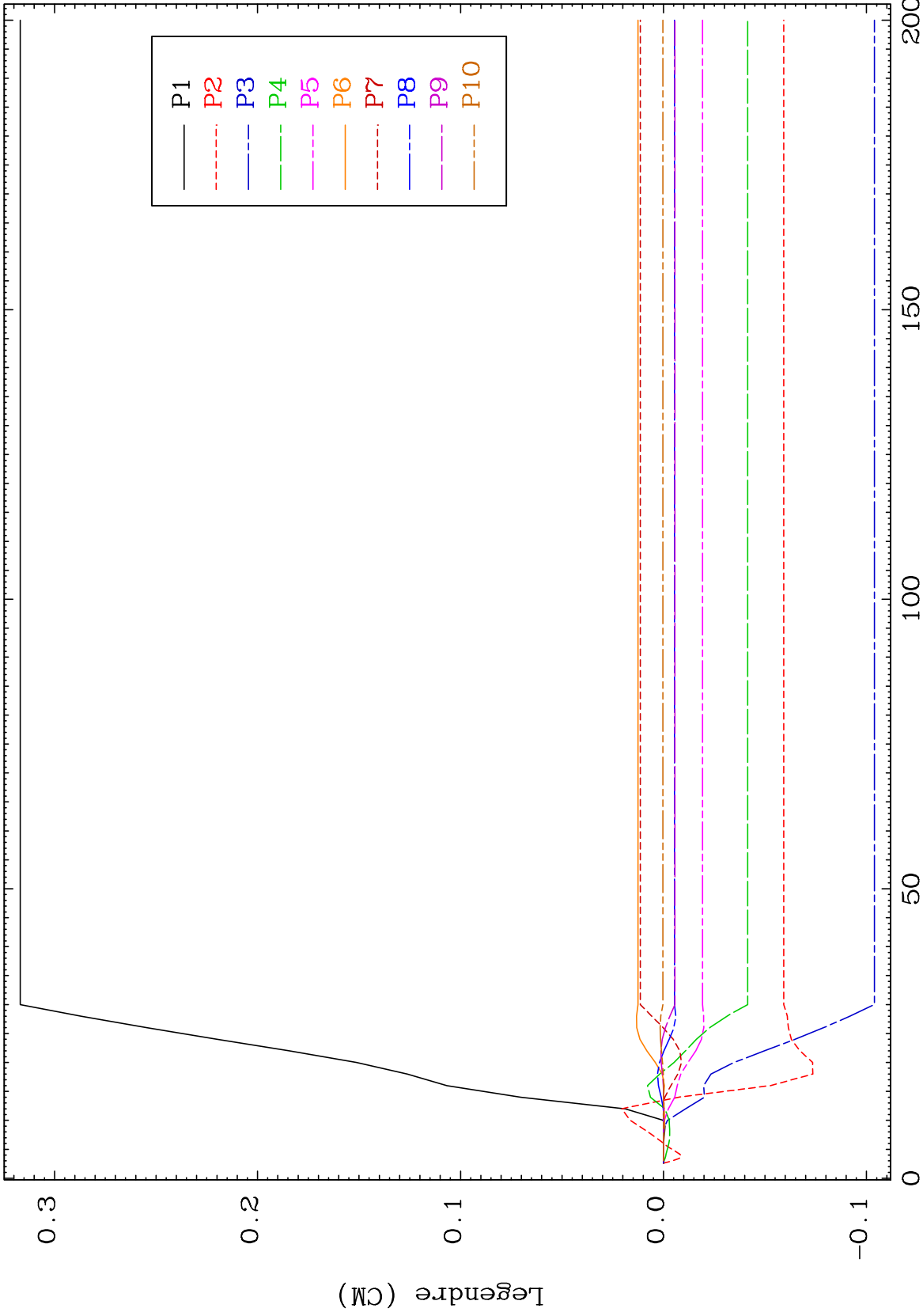
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



58

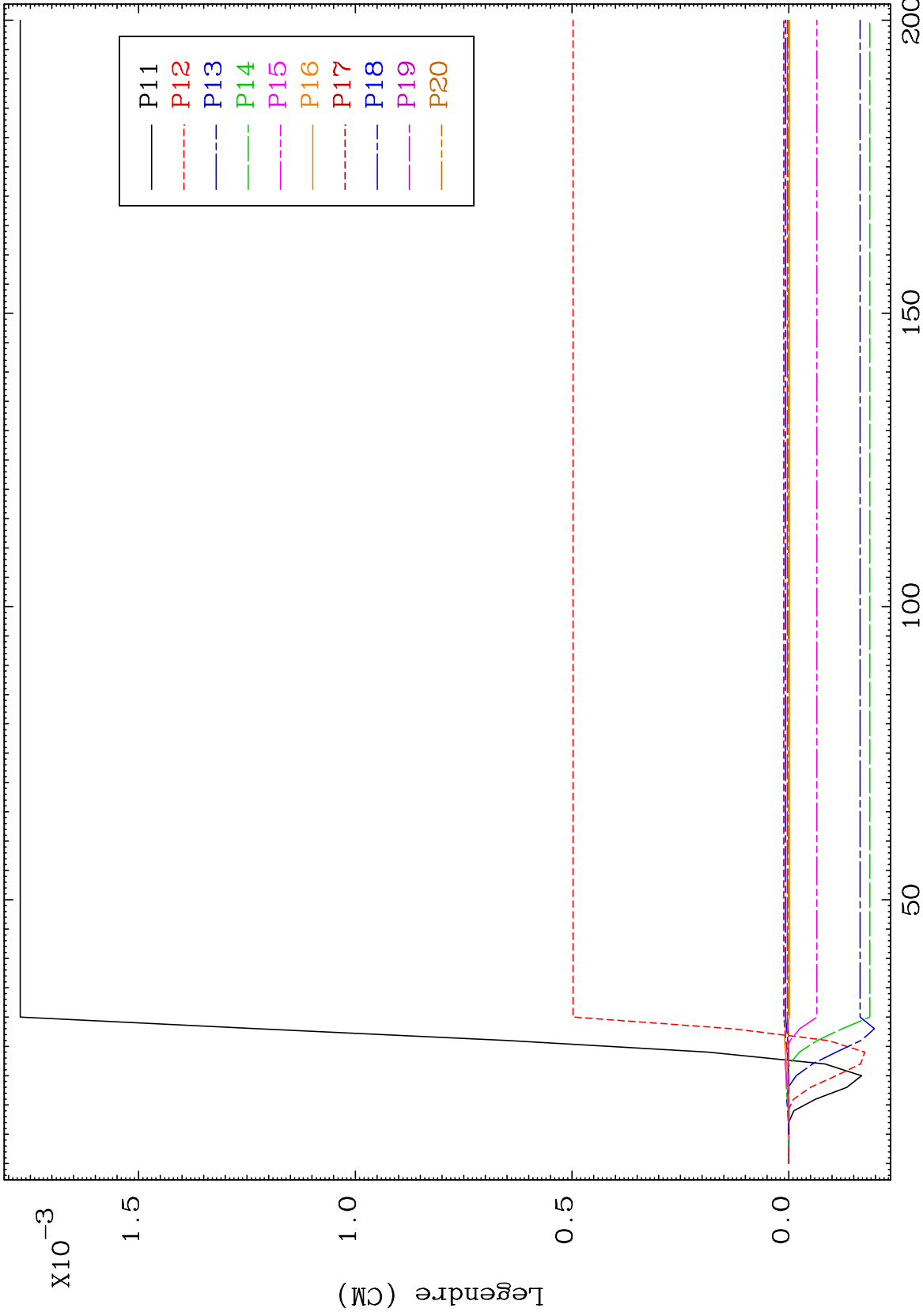
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



59

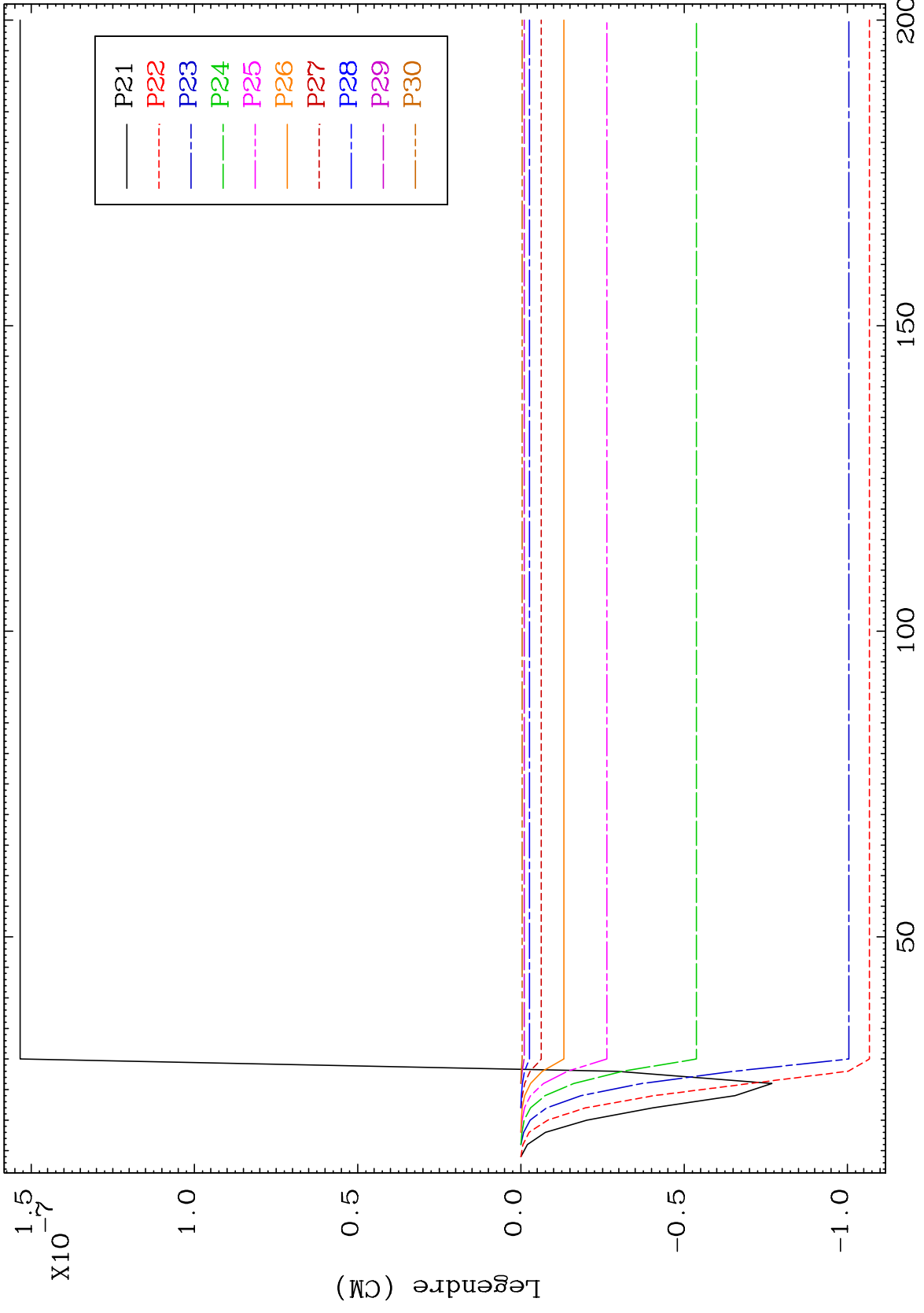
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



60

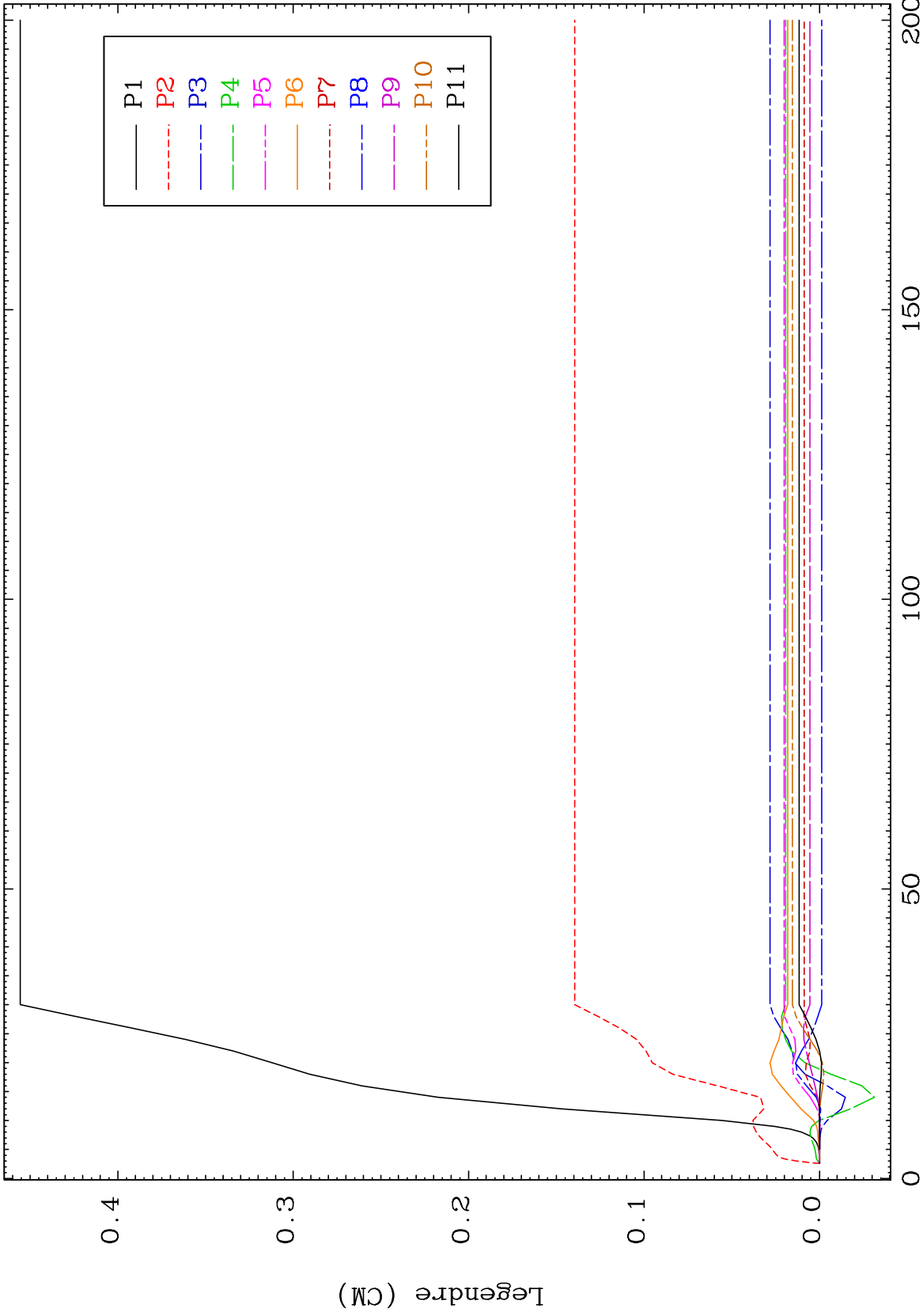
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



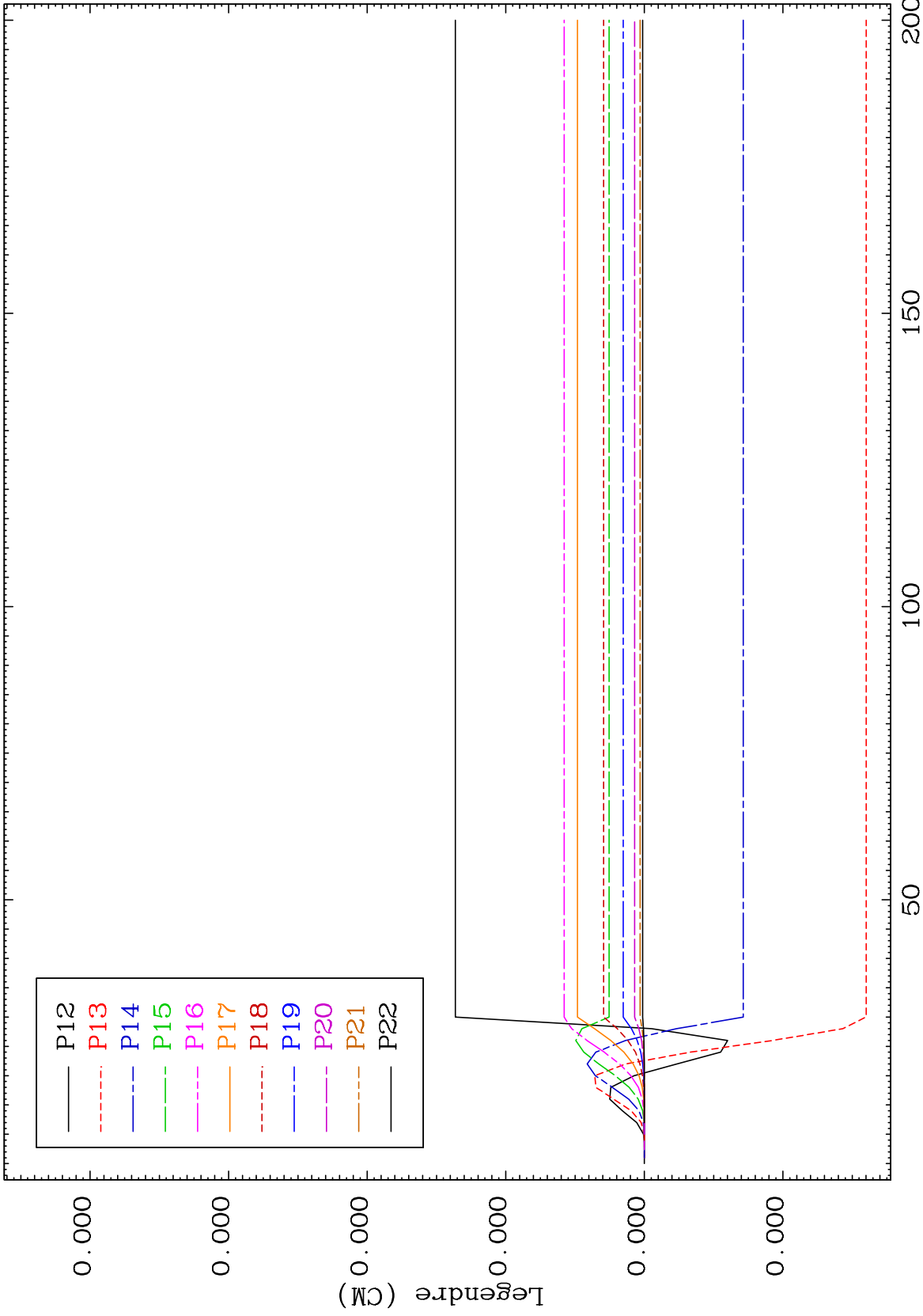
61

25-Mn-59

MAT 2537

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

25-Mn-59



62

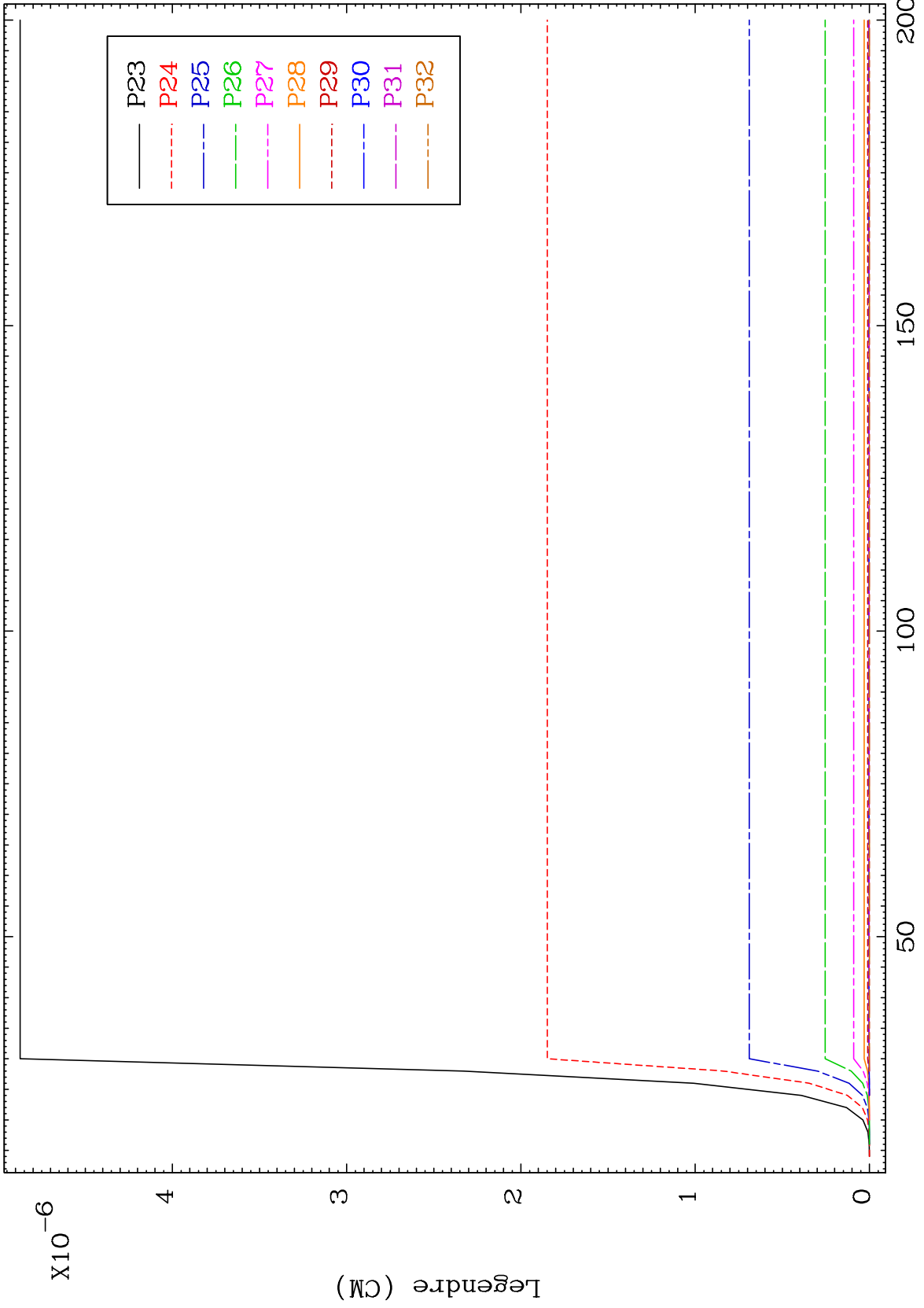
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59

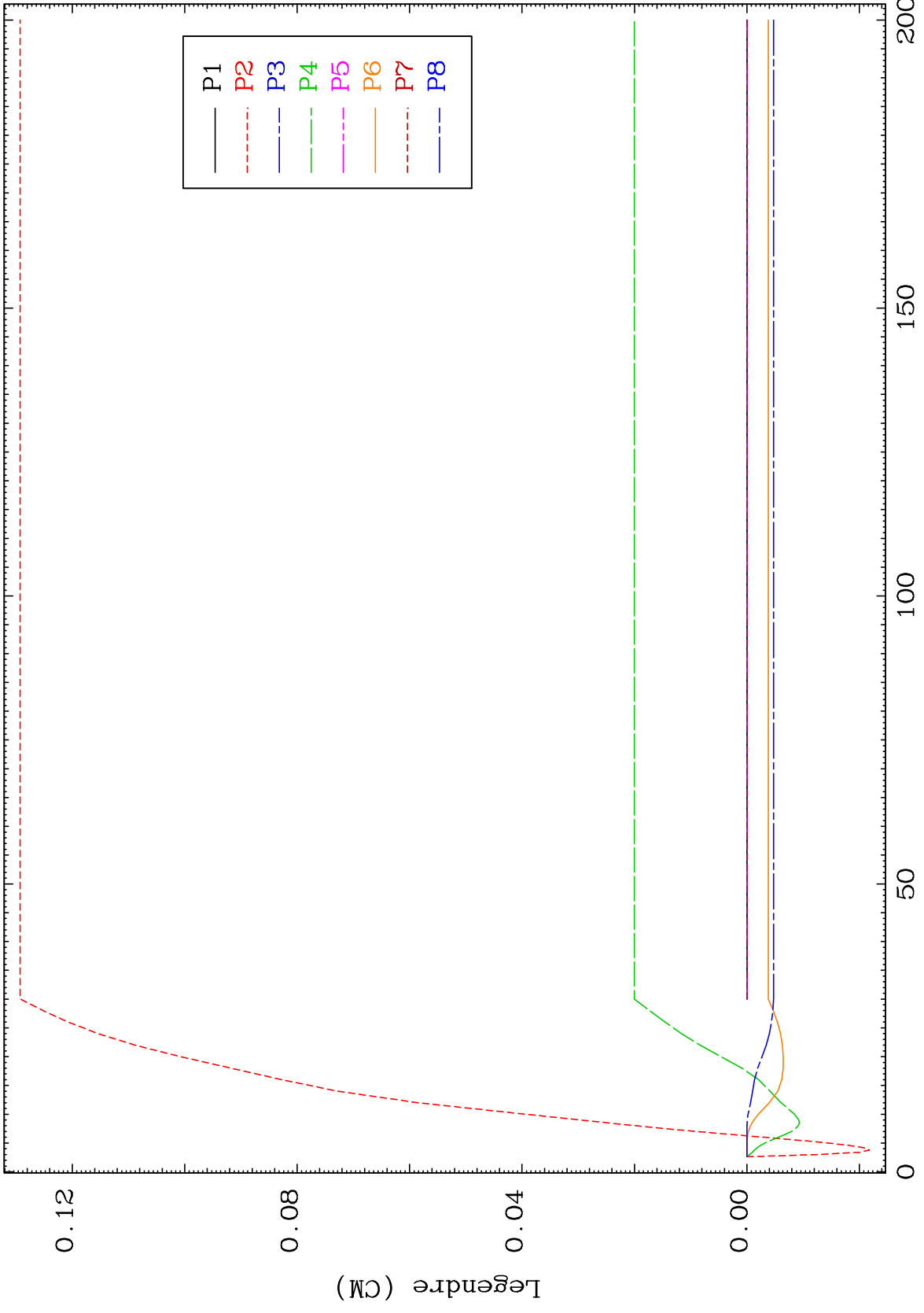


63

Incident Energy (MeV)

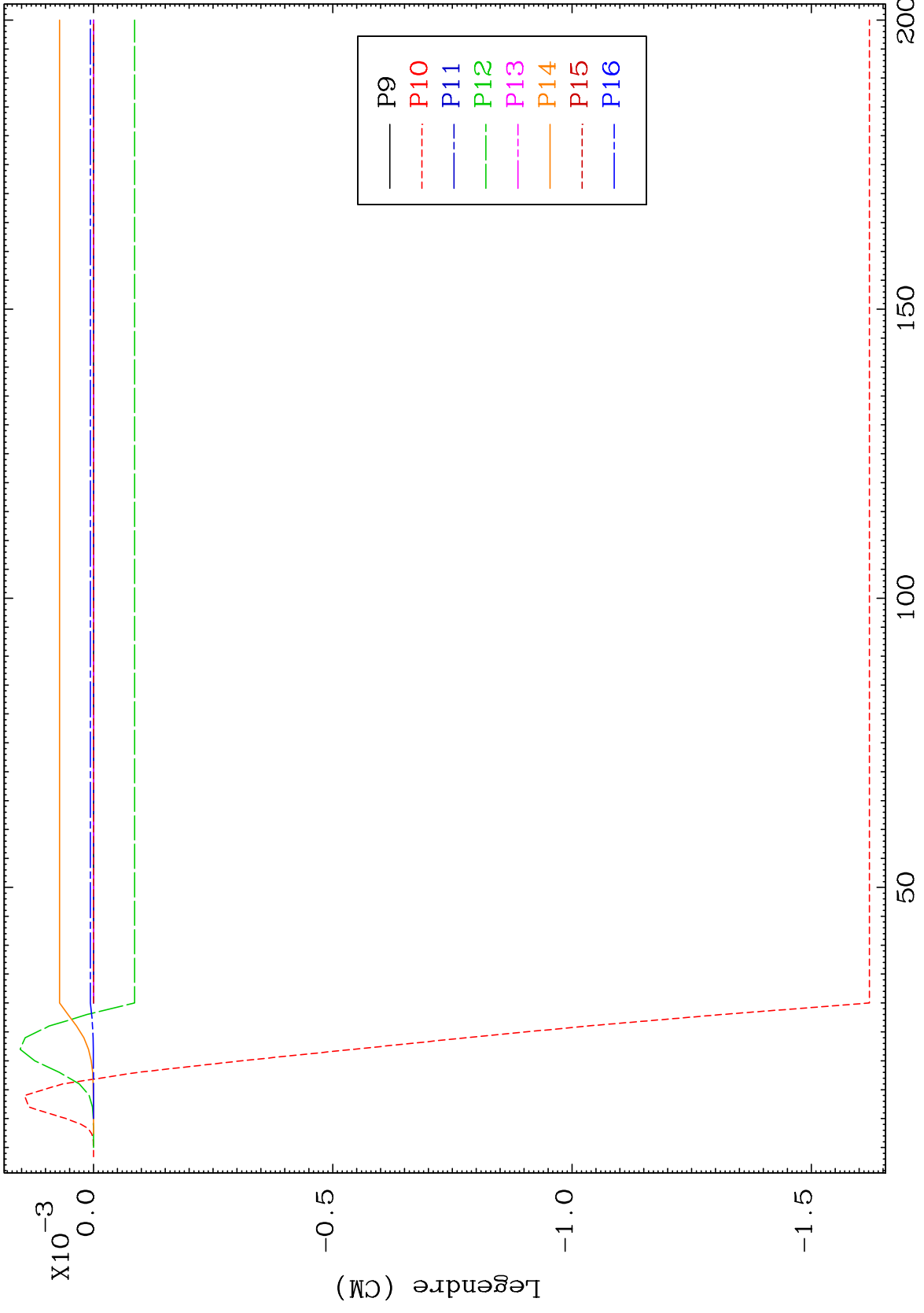
25-Mn-59

MAT 2537 MT= 66 (n,n') Level Legendre Coefficients 25-Mn-59



64 Incident Energy (MeV) 25-Mn-59

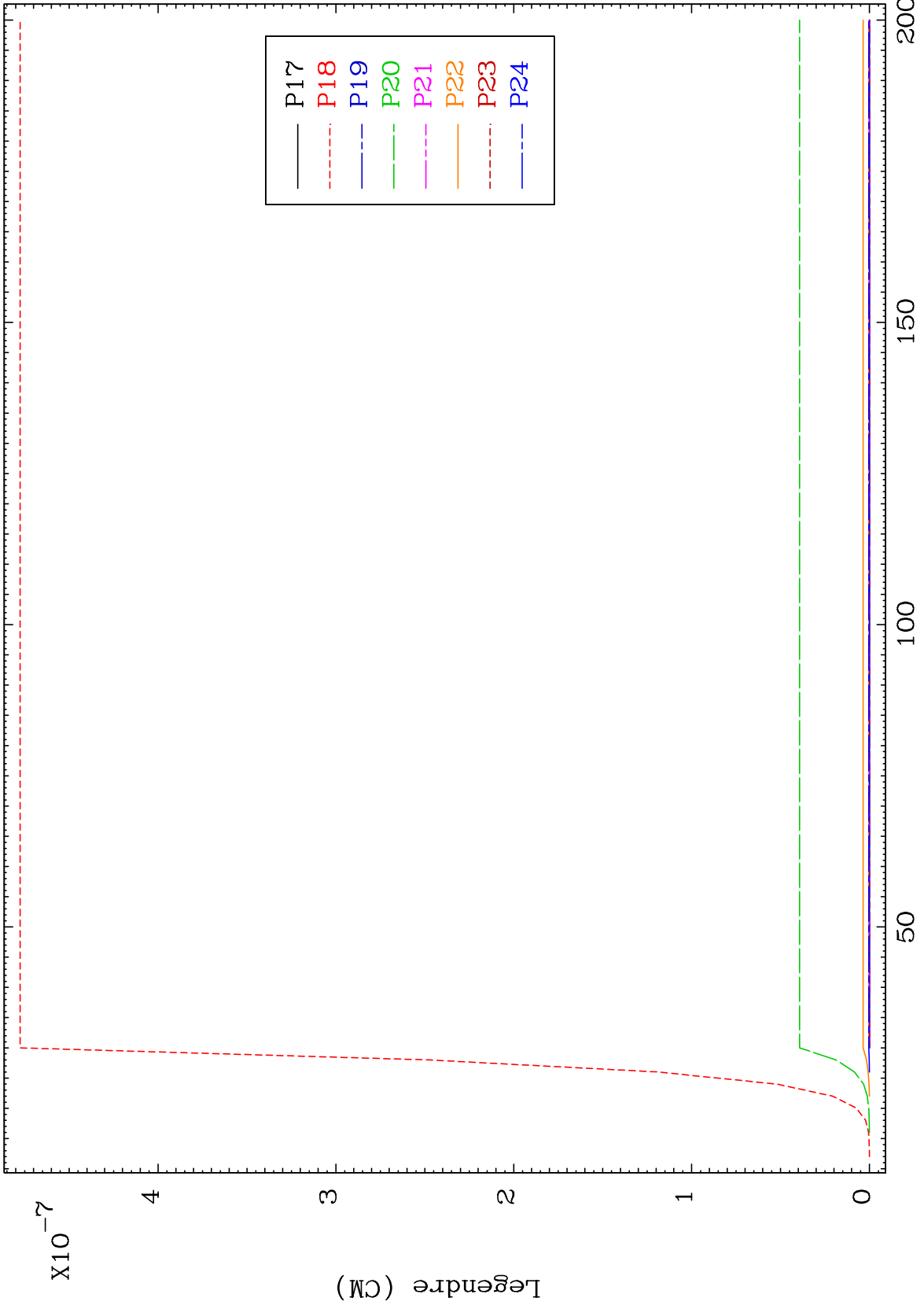
MAT 2537 MT= 66 (n,n') Level Legendre Coefficients 25-Mn-59



MAT 2537

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

25-Mn-59



66

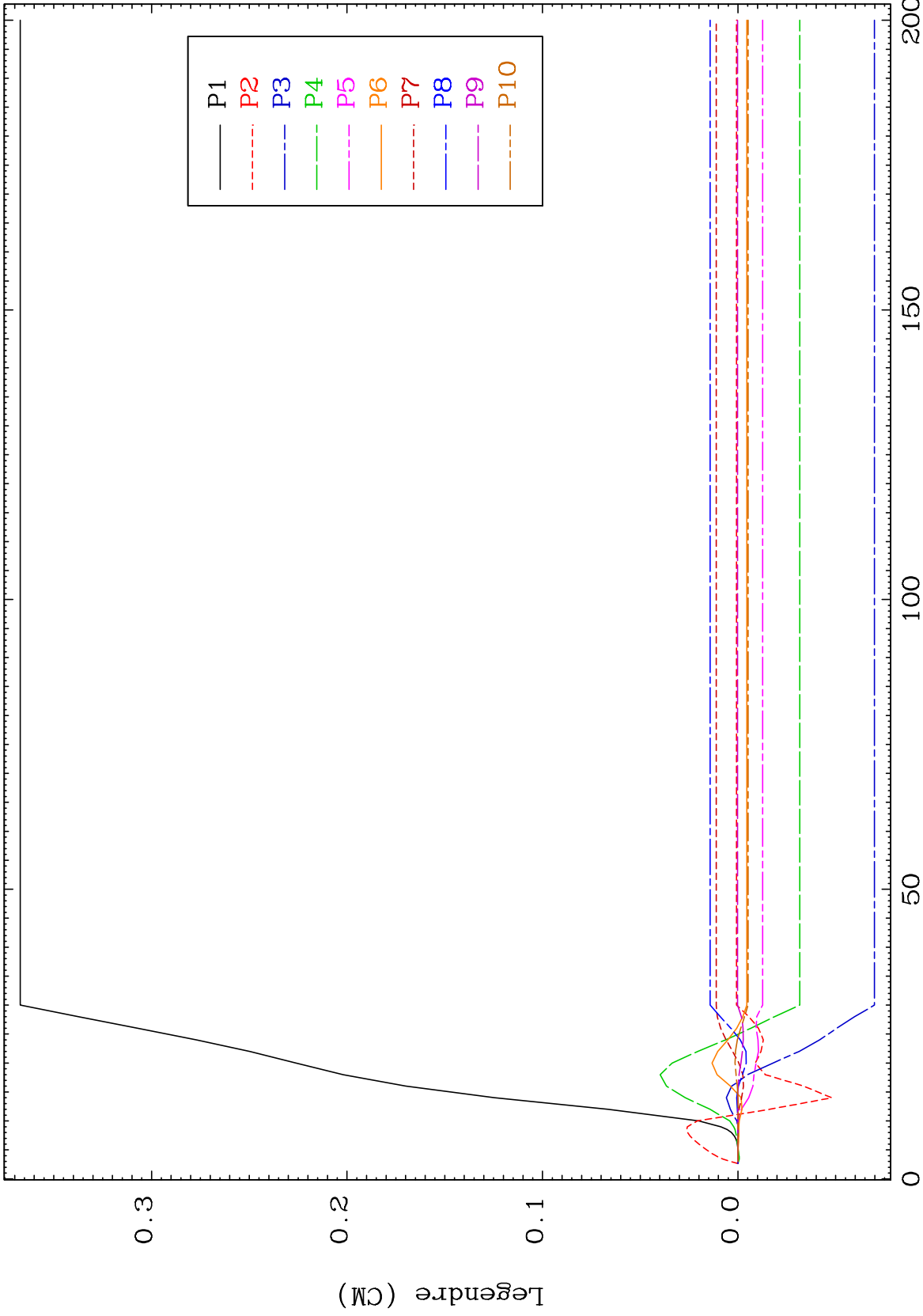
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



67

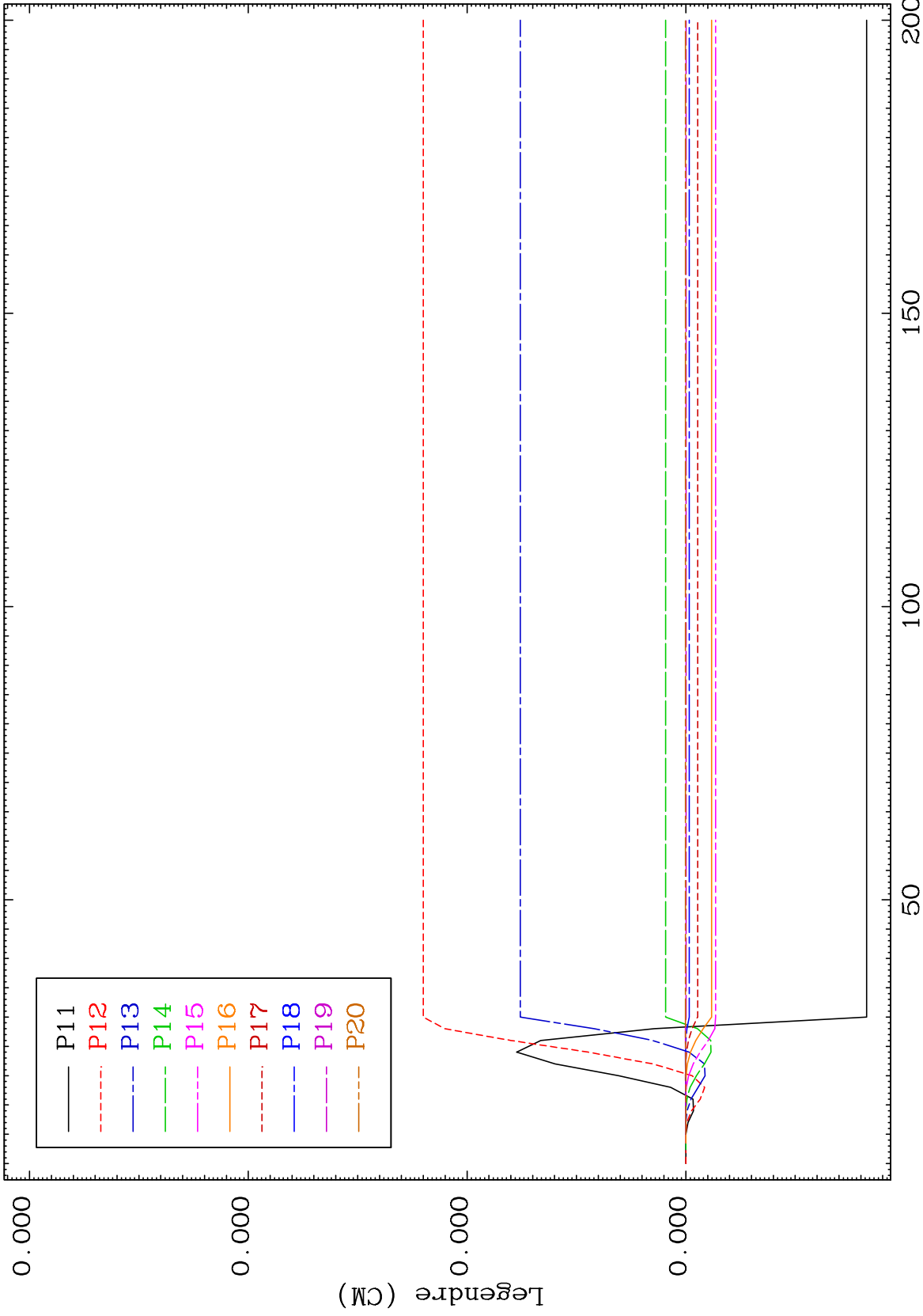
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



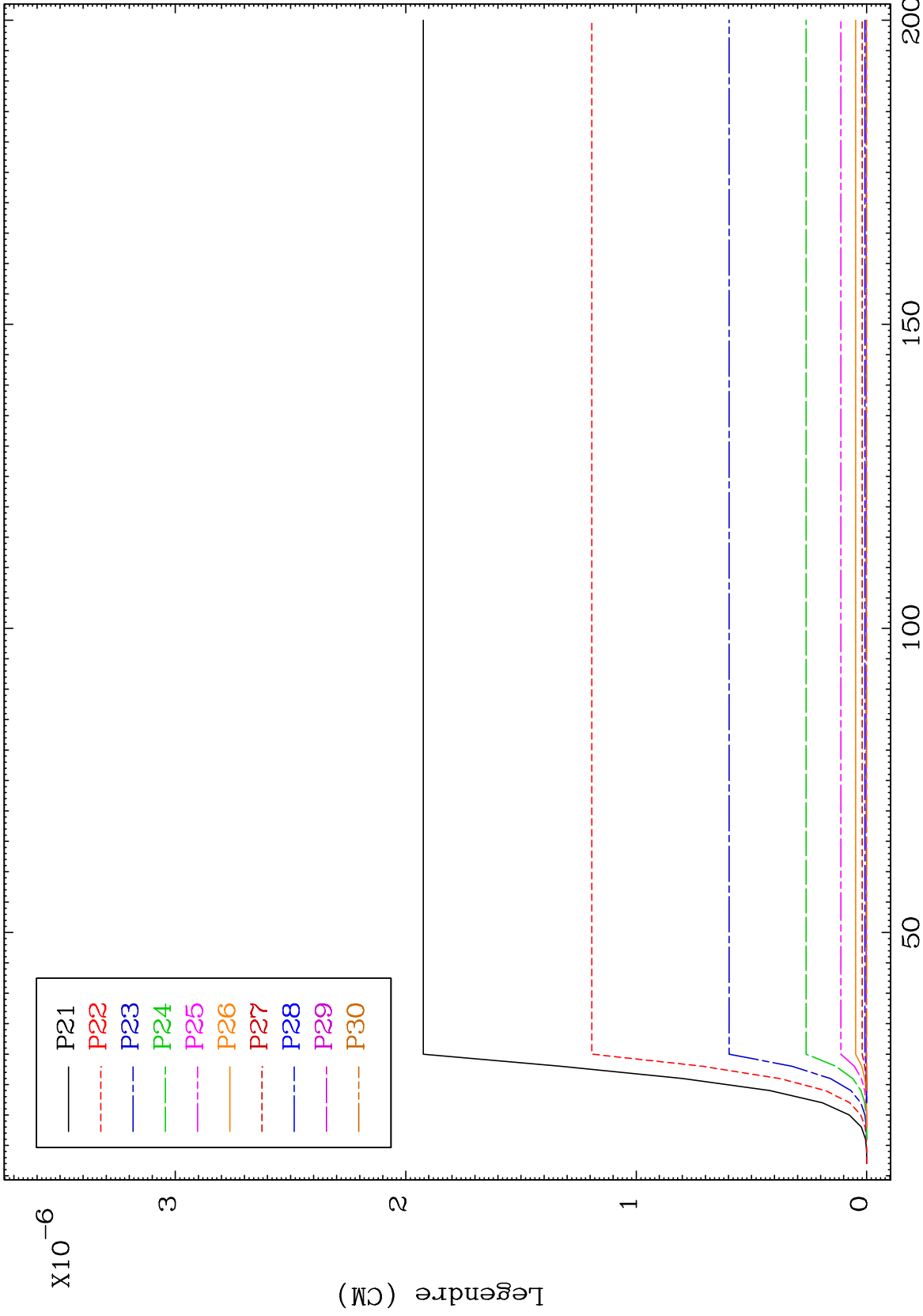
68

25-Mn-59

MAT 2537

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

25-Mn-59



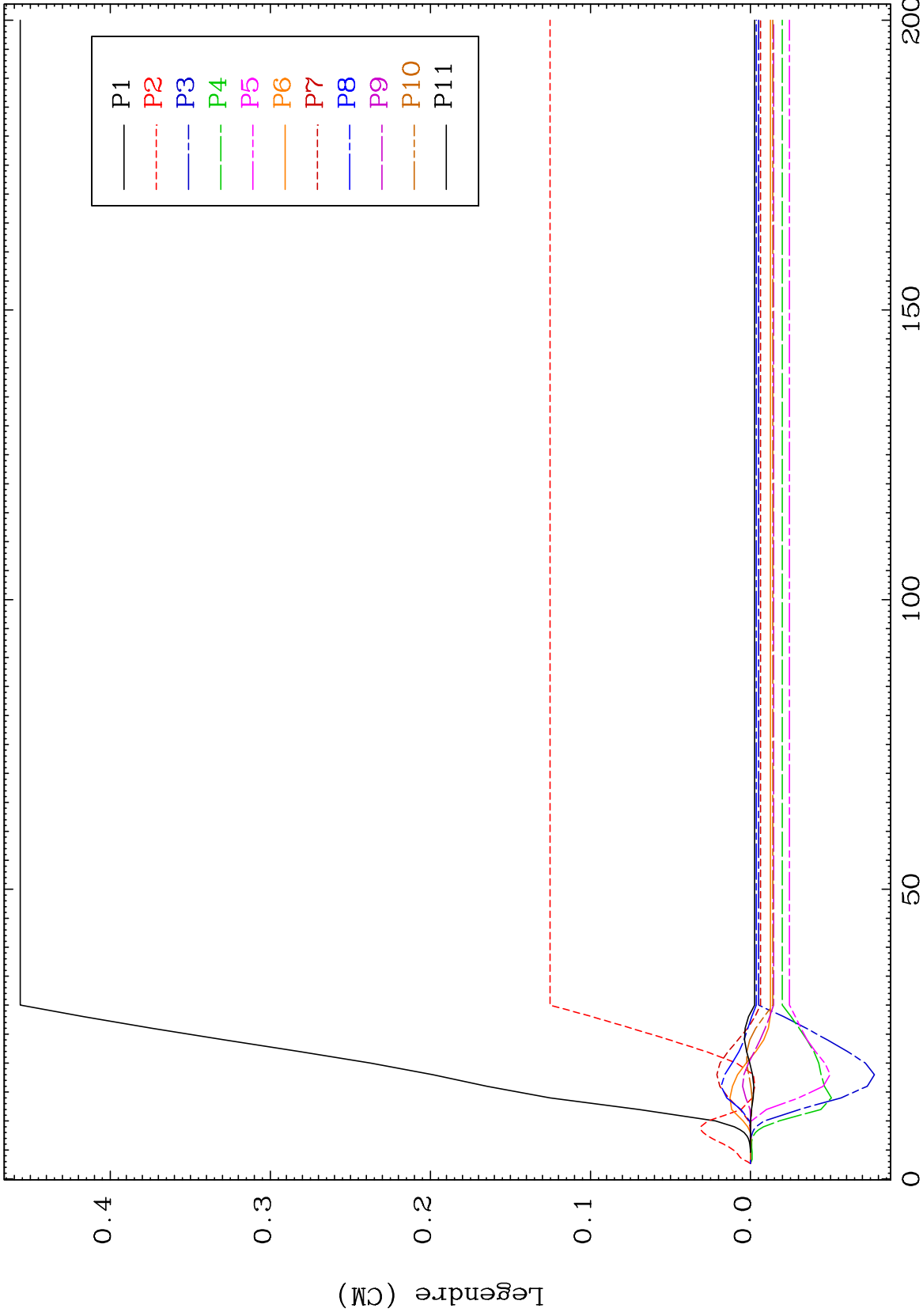
69

25-Mn-59

MAT 2537

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

25-Mn-59



70

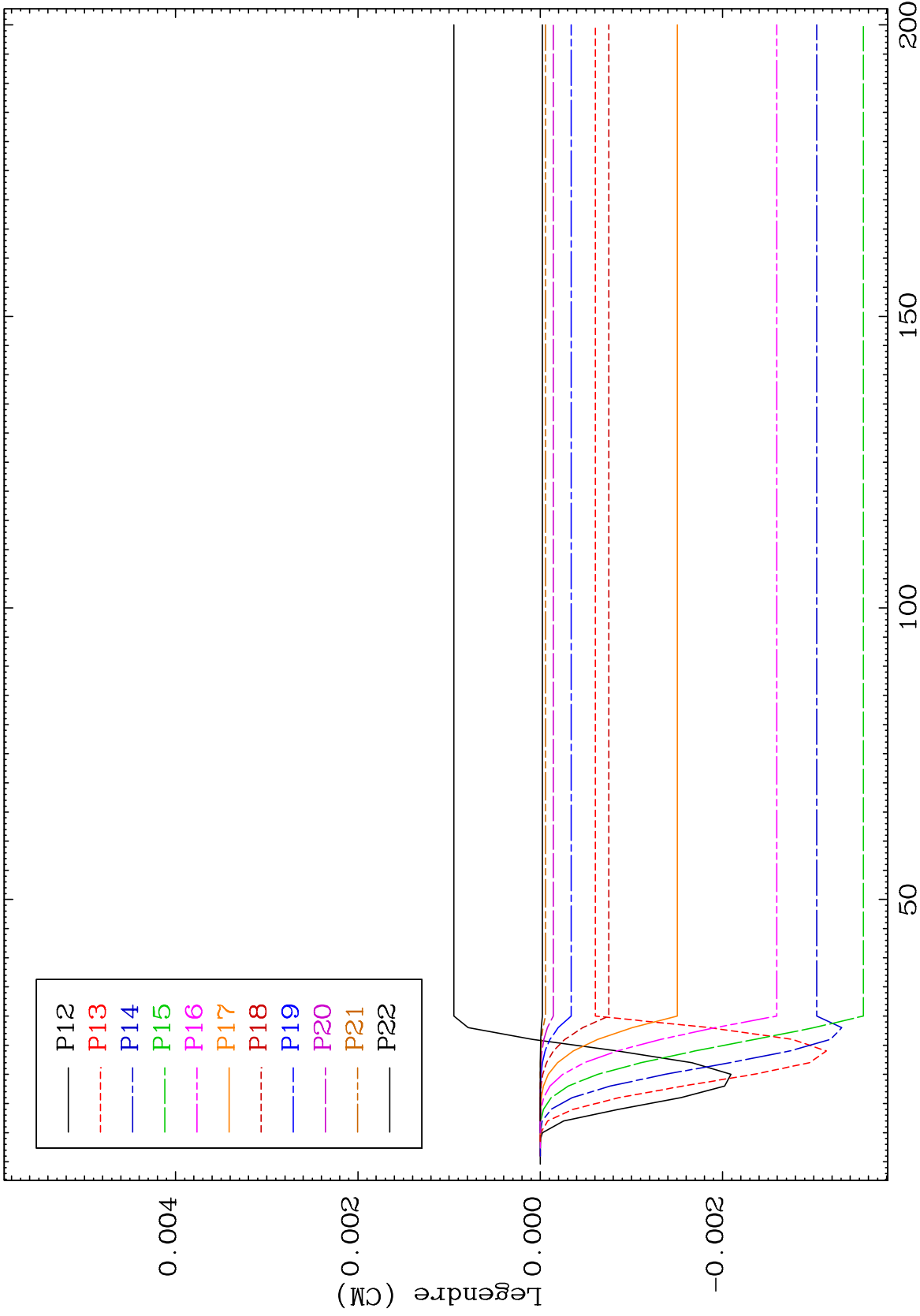
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59

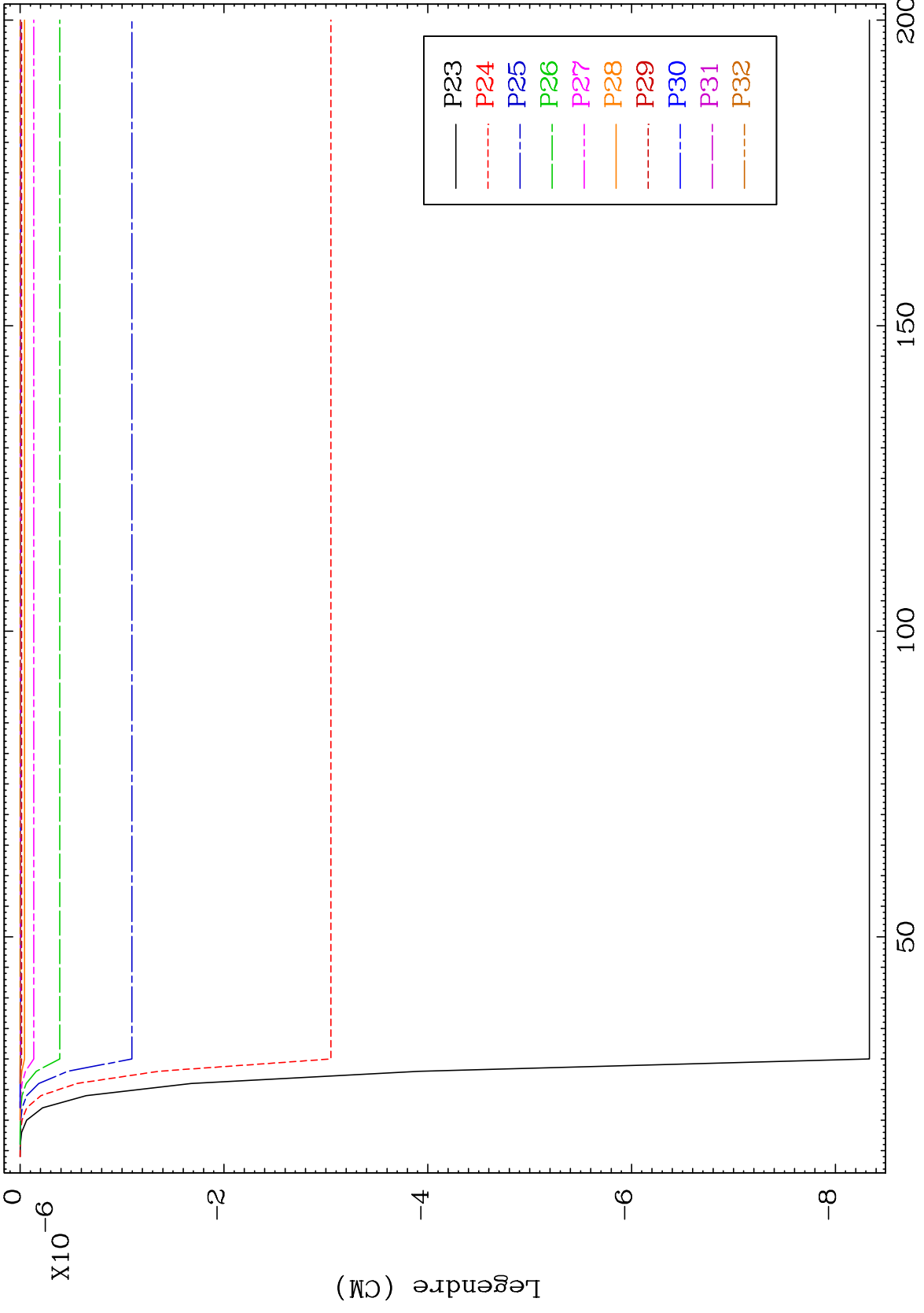


71

Incident Energy (MeV)

25-Mn-59

MAT 2537 MT= 68 (n,n') Level Legendre Coefficients 25-Mn-59

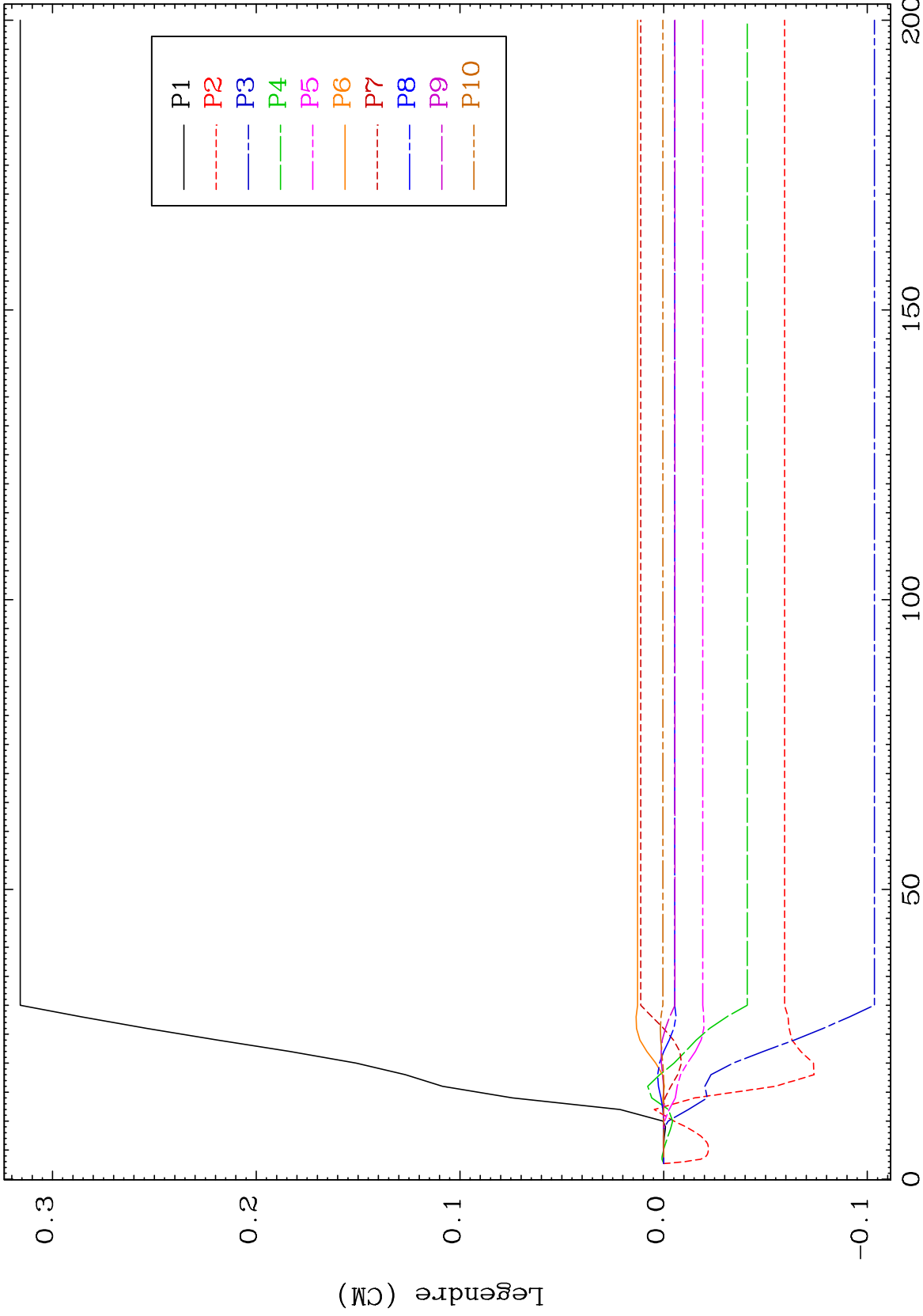


72 25-Mn-59

MAT 2537

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

25-Mn-59



73

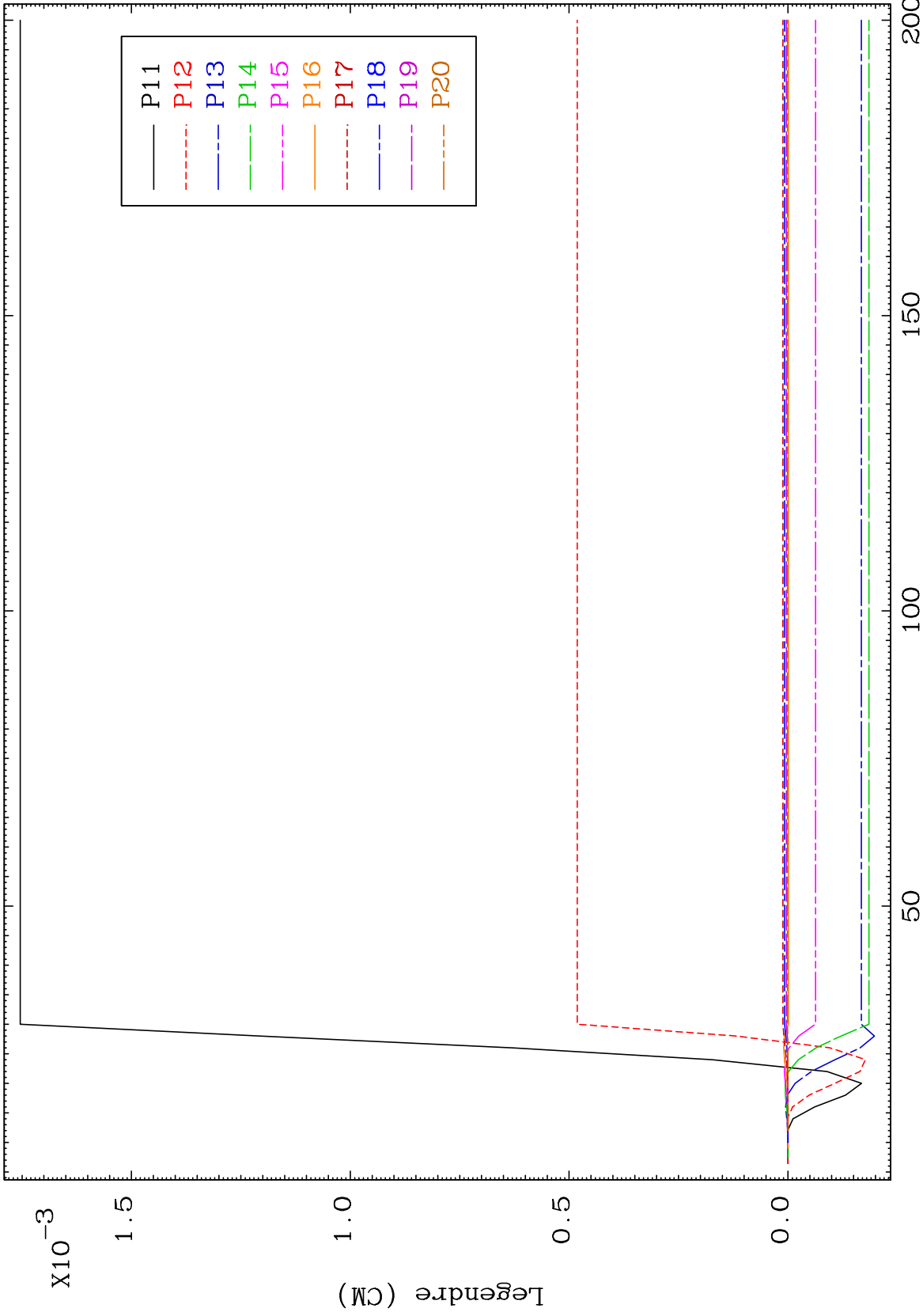
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



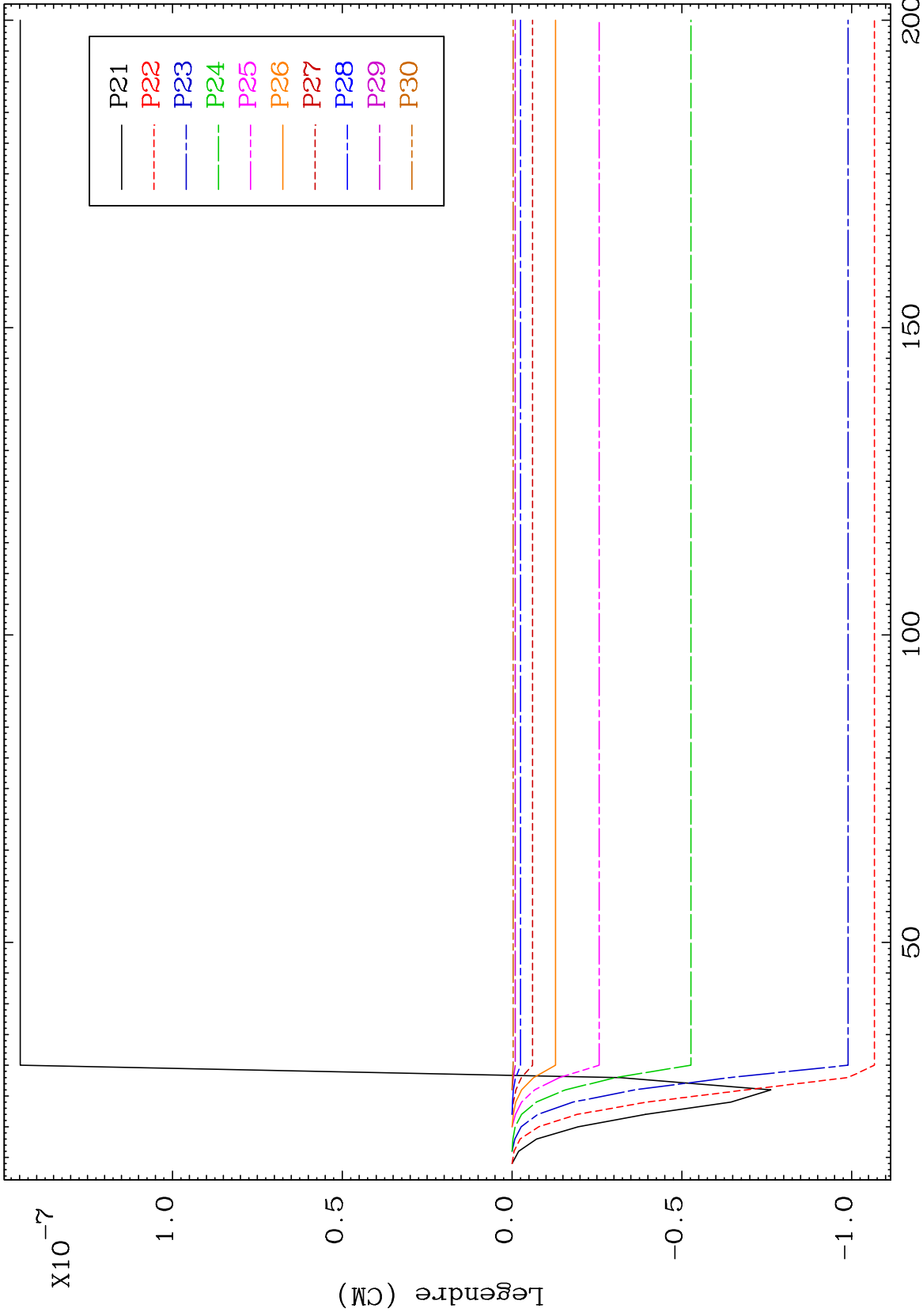
74

25-Mn-59

MAT 2537

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

25-Mn-59



75

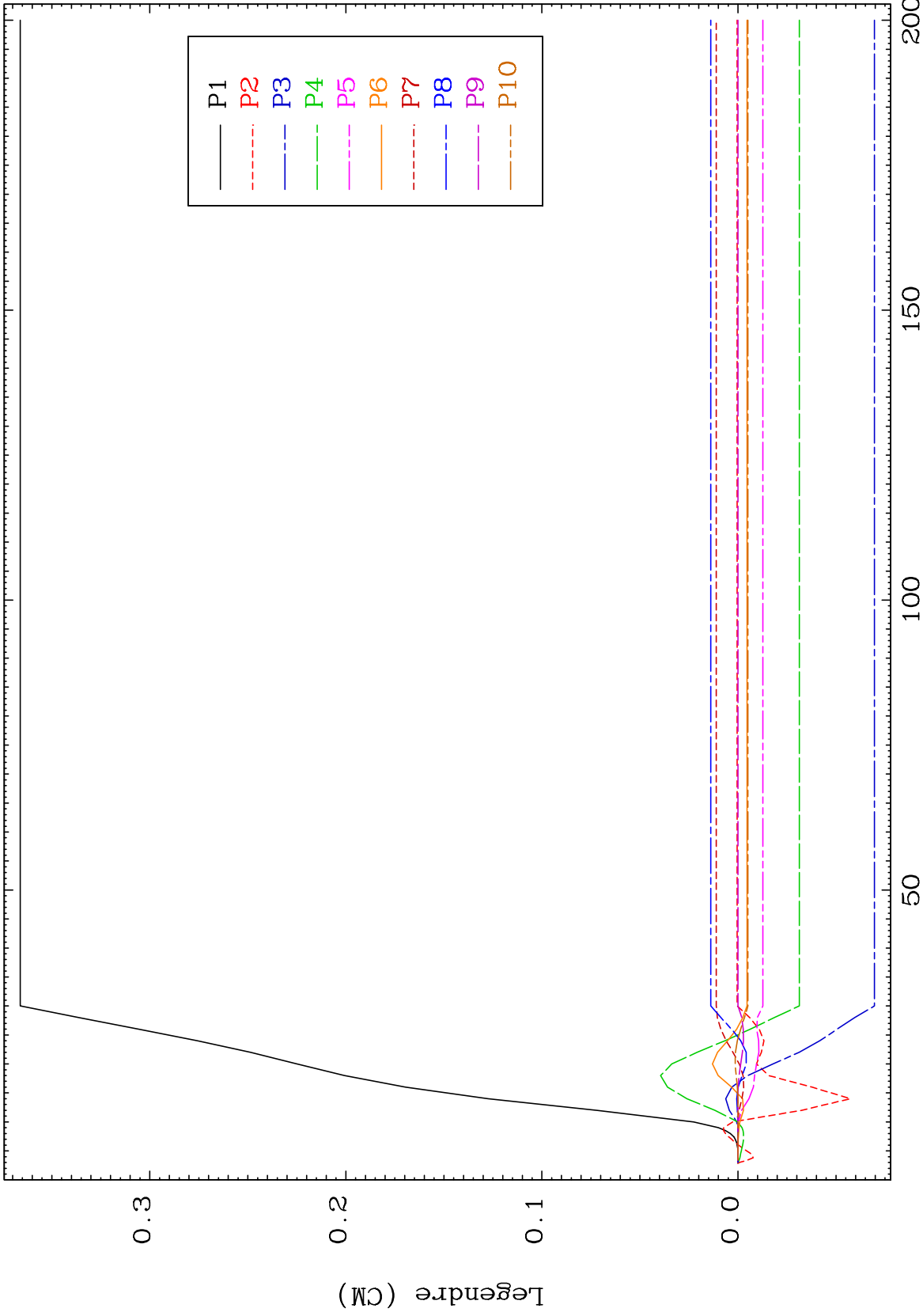
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



76

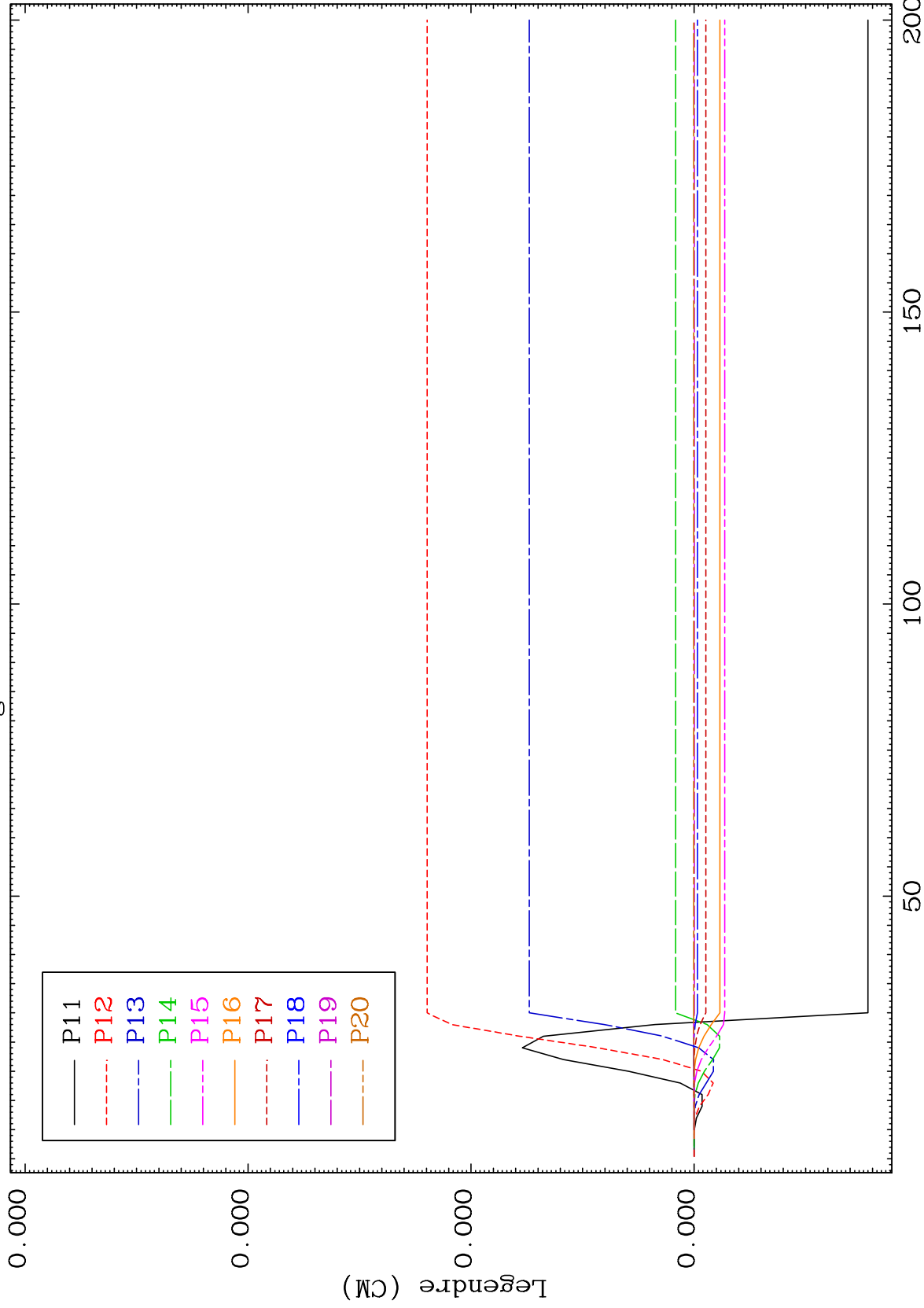
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



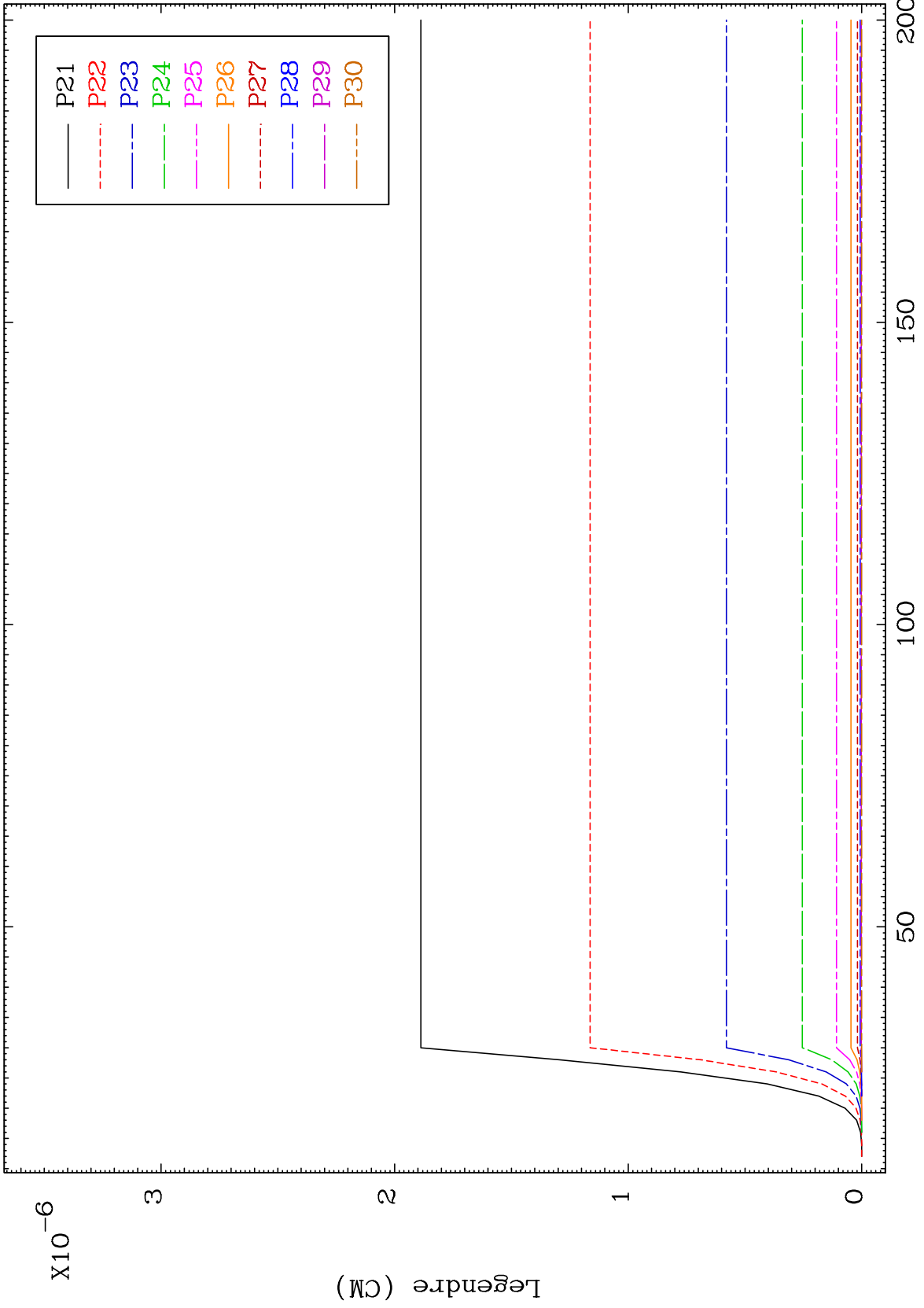
77

25-Mn-59

MAT 2537

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

25-Mn-59



78

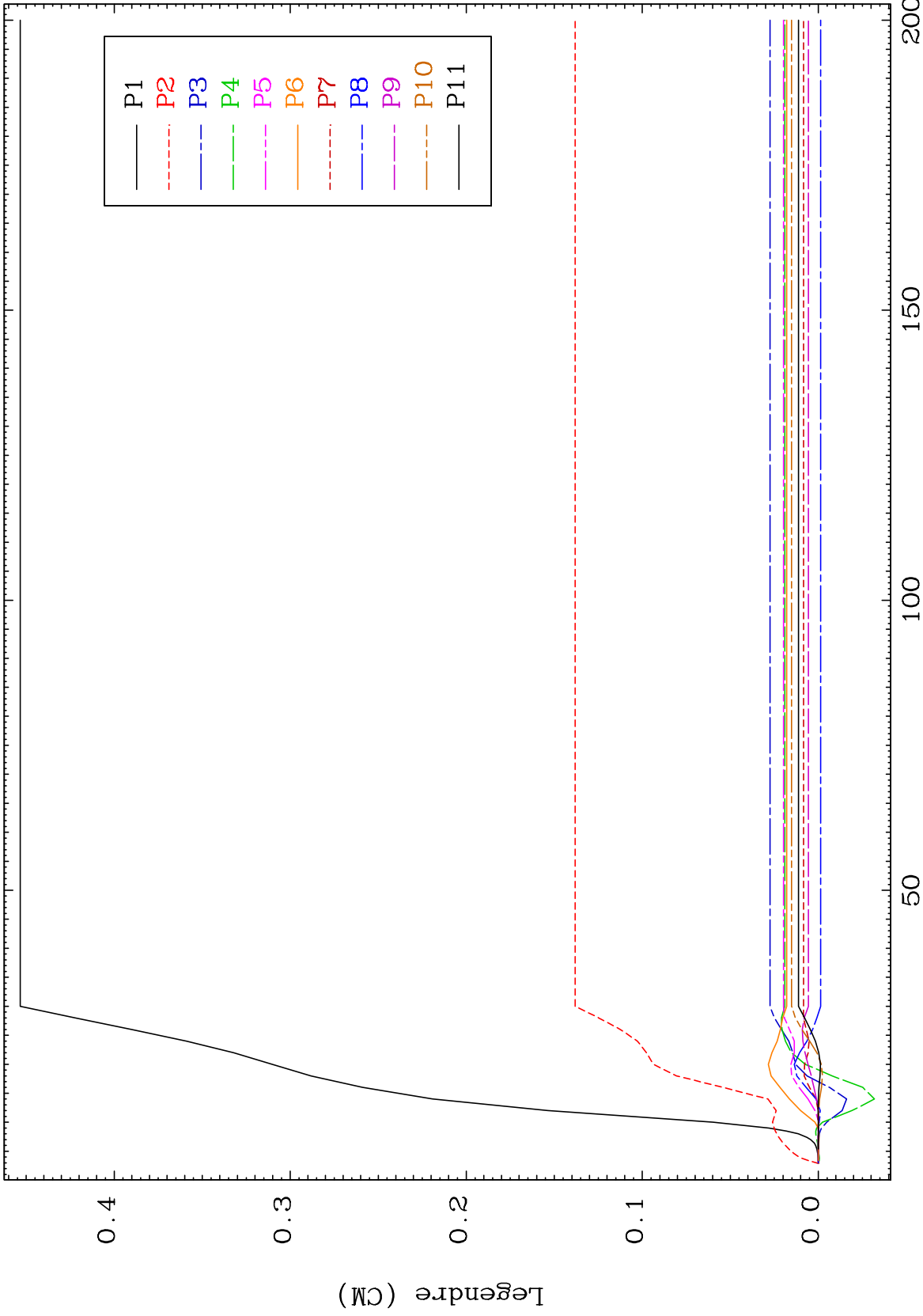
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



79

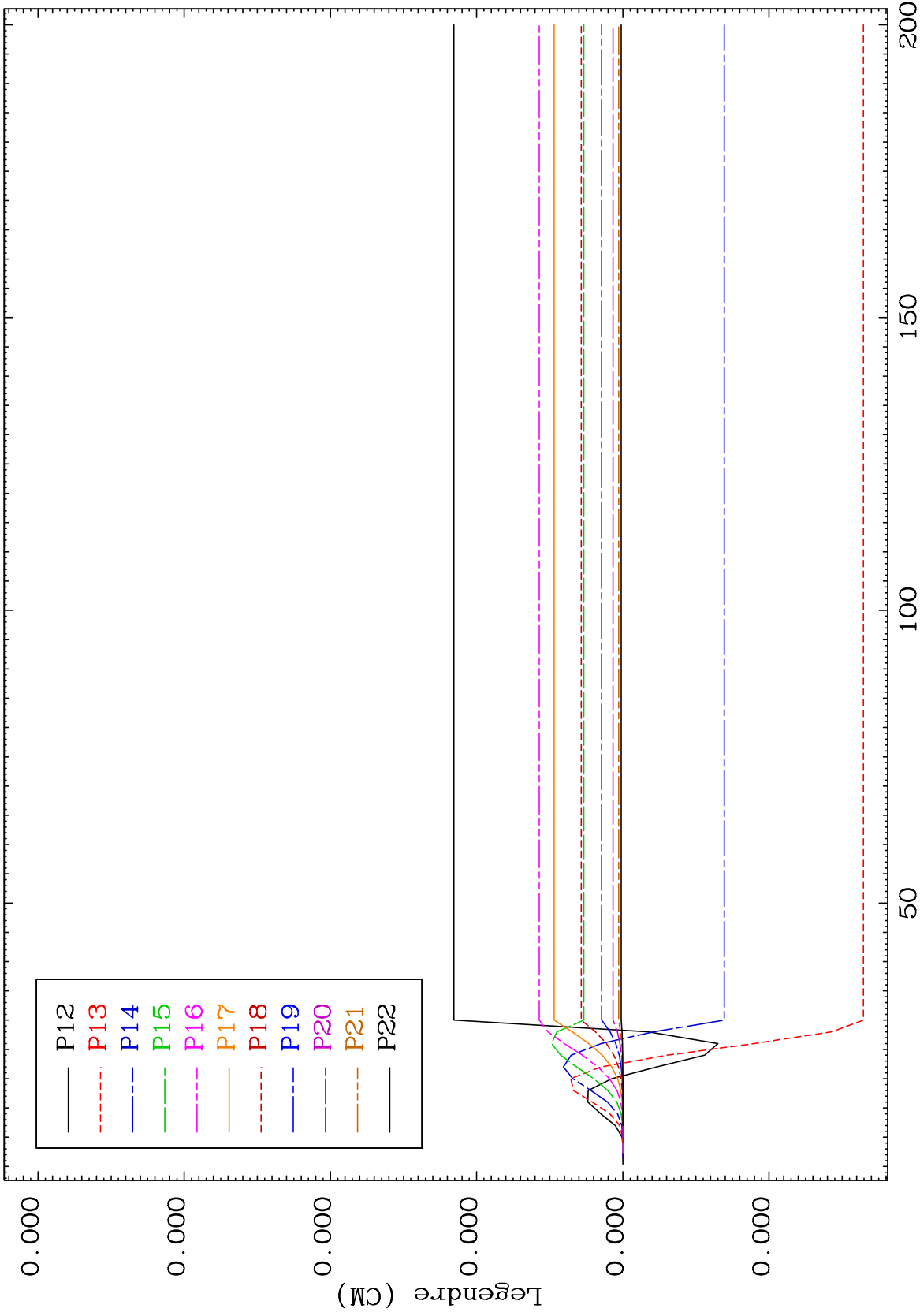
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



80

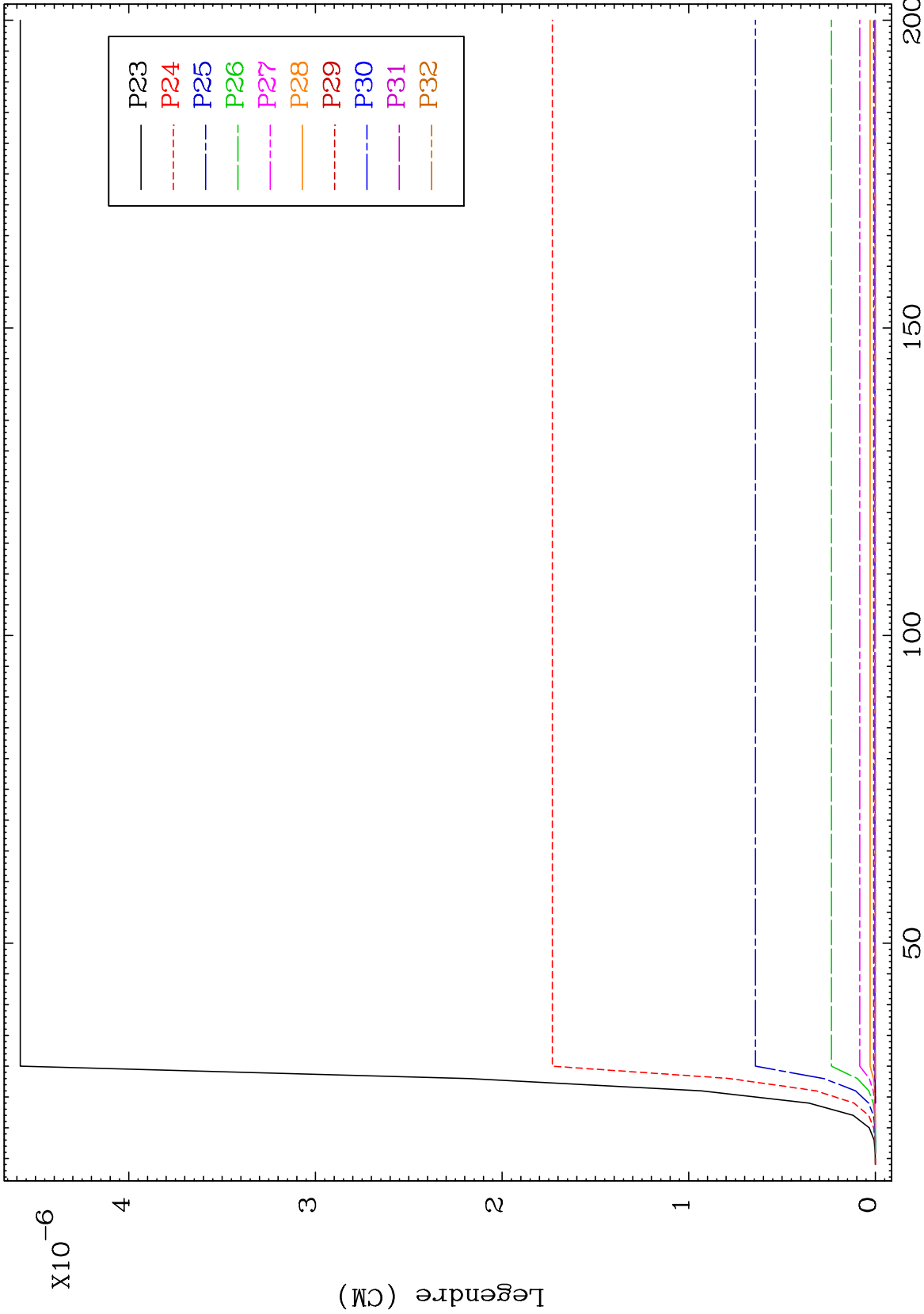
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



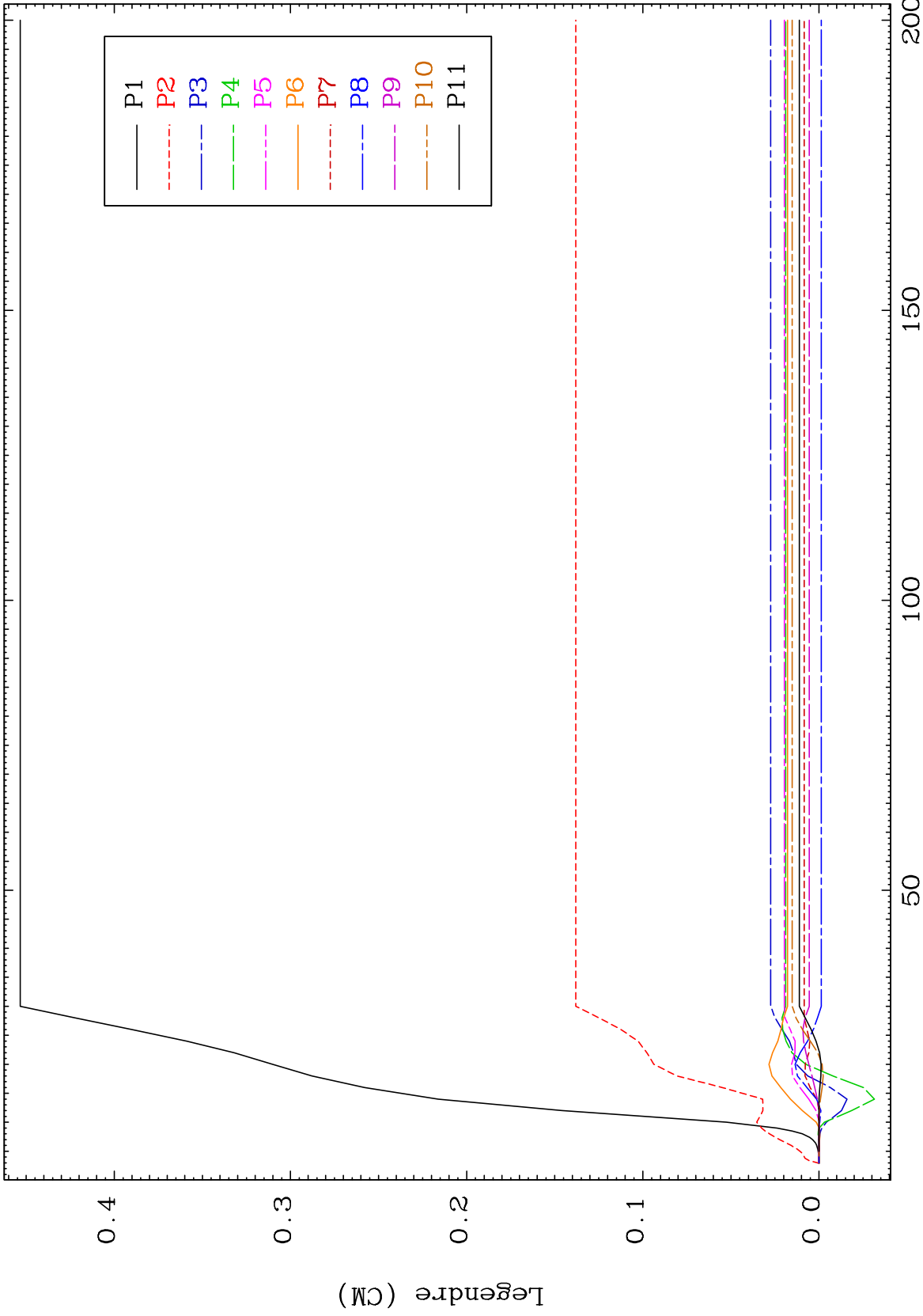
81

25-Mn-59

MAT 2537

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

25-Mn-59



82

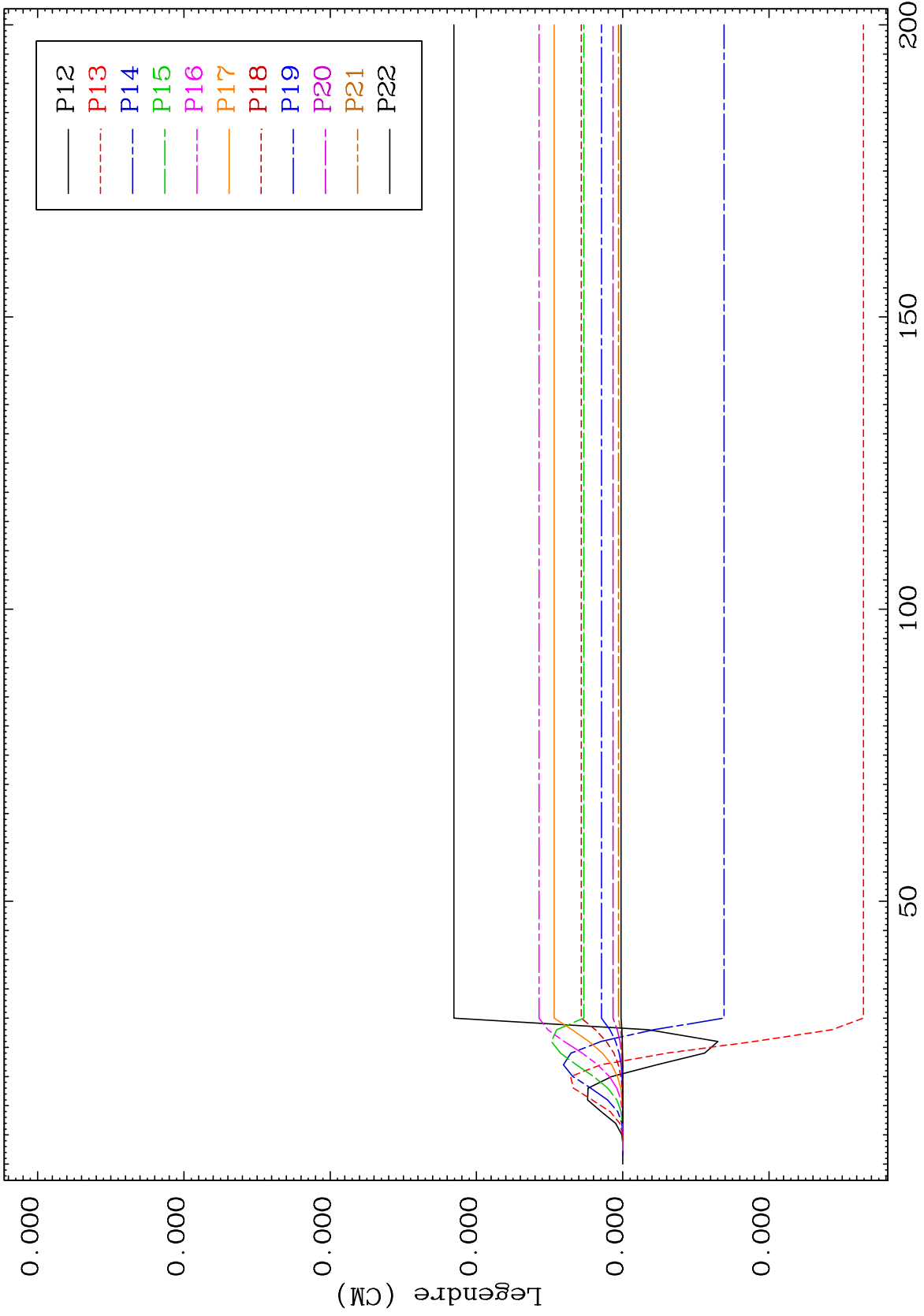
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



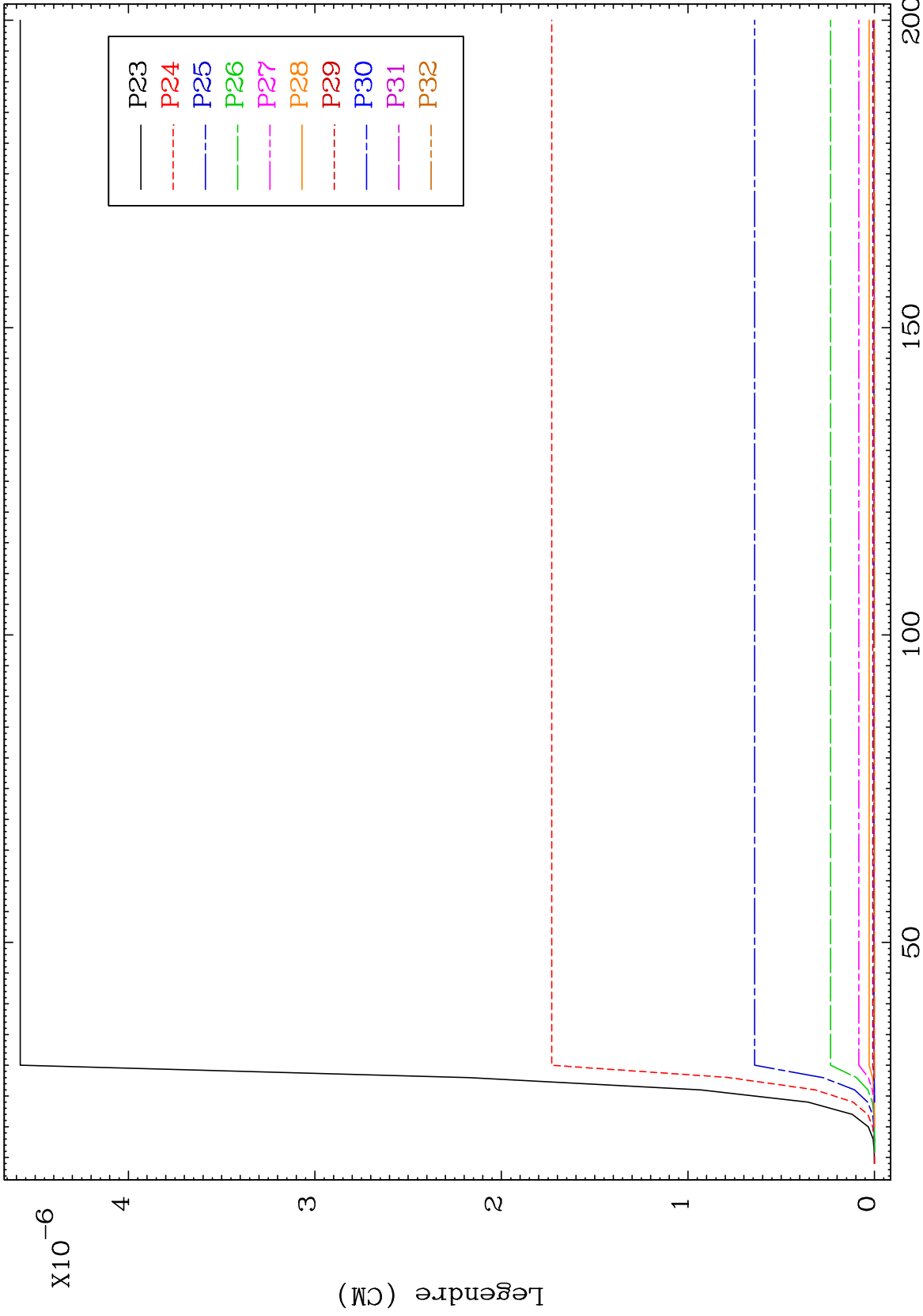
83

25-Mn-59

MAT 2537

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

25-Mn-59



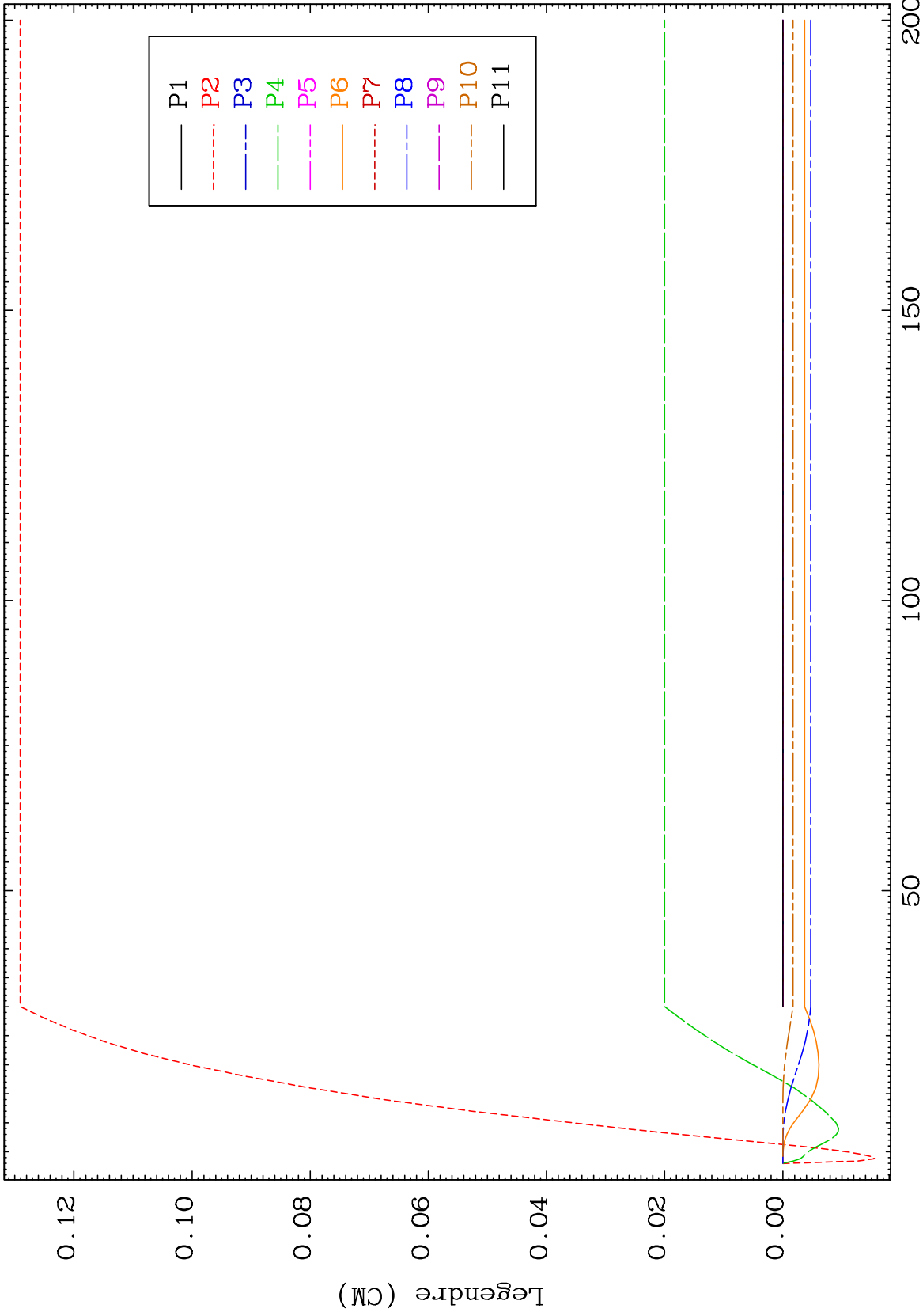
84

25-Mn-59

MAT 2537

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

25-Mn-59



85

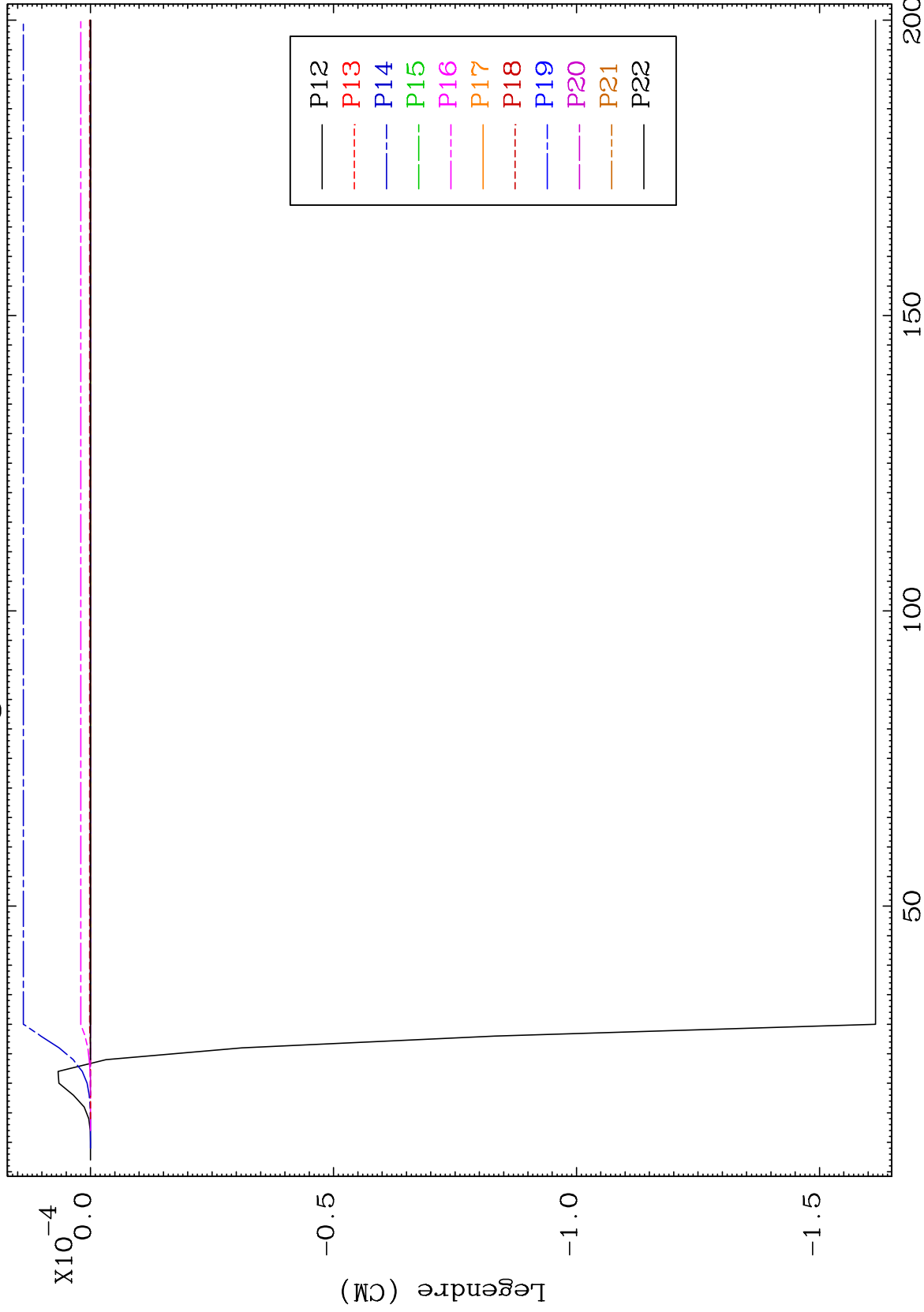
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



86

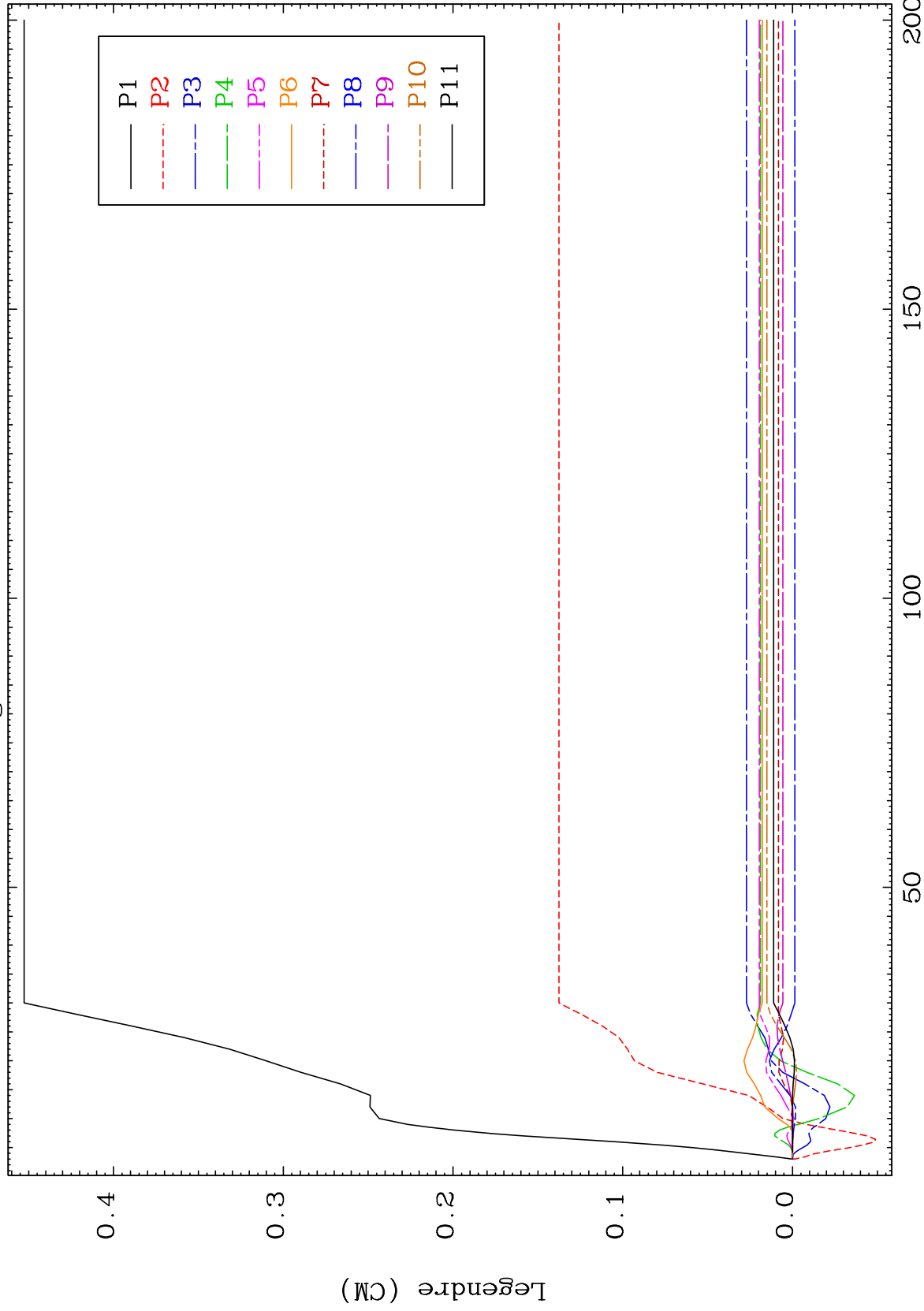
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



87

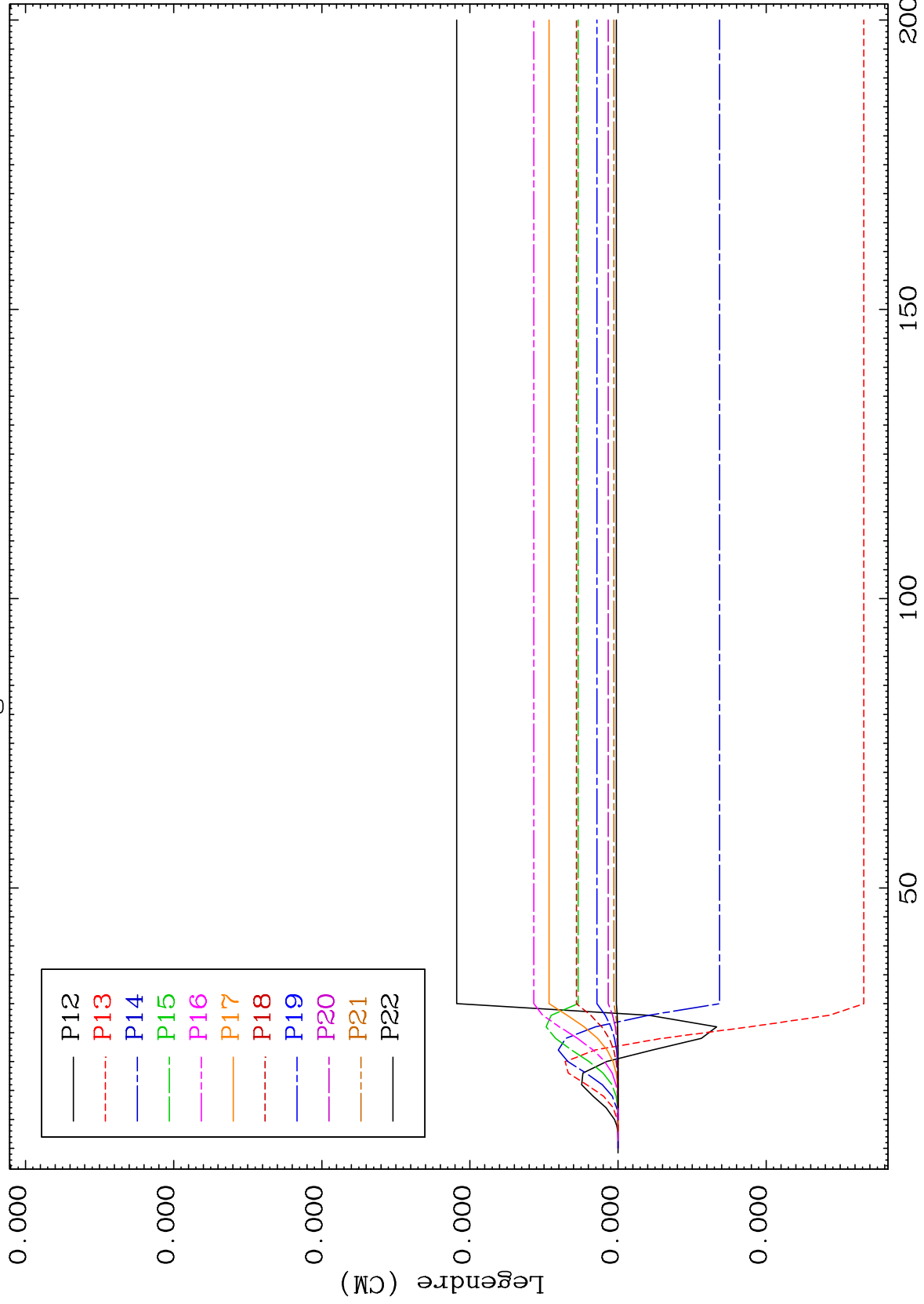
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

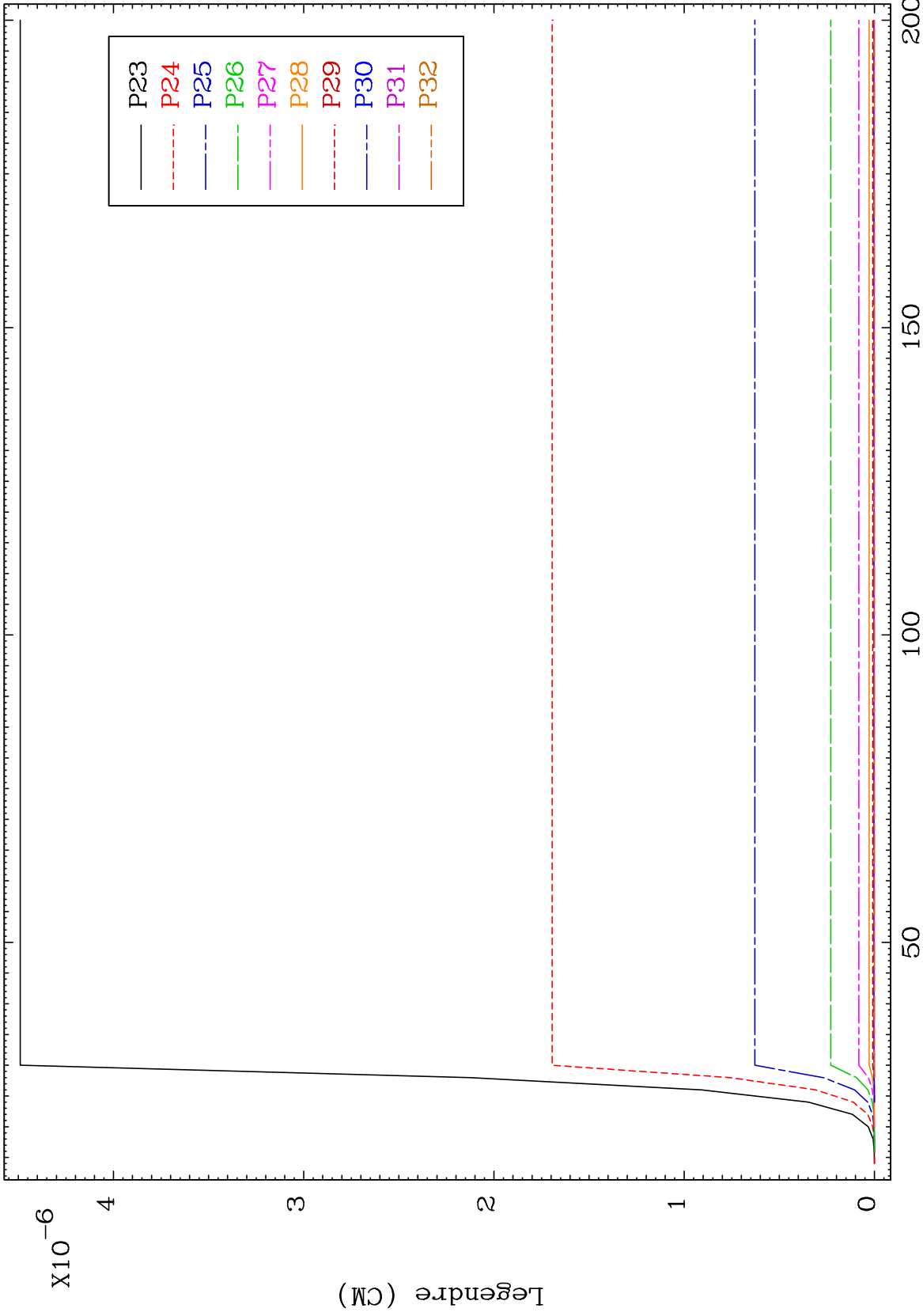
25-Mn-59



MAT 2537

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

25-Mn-59



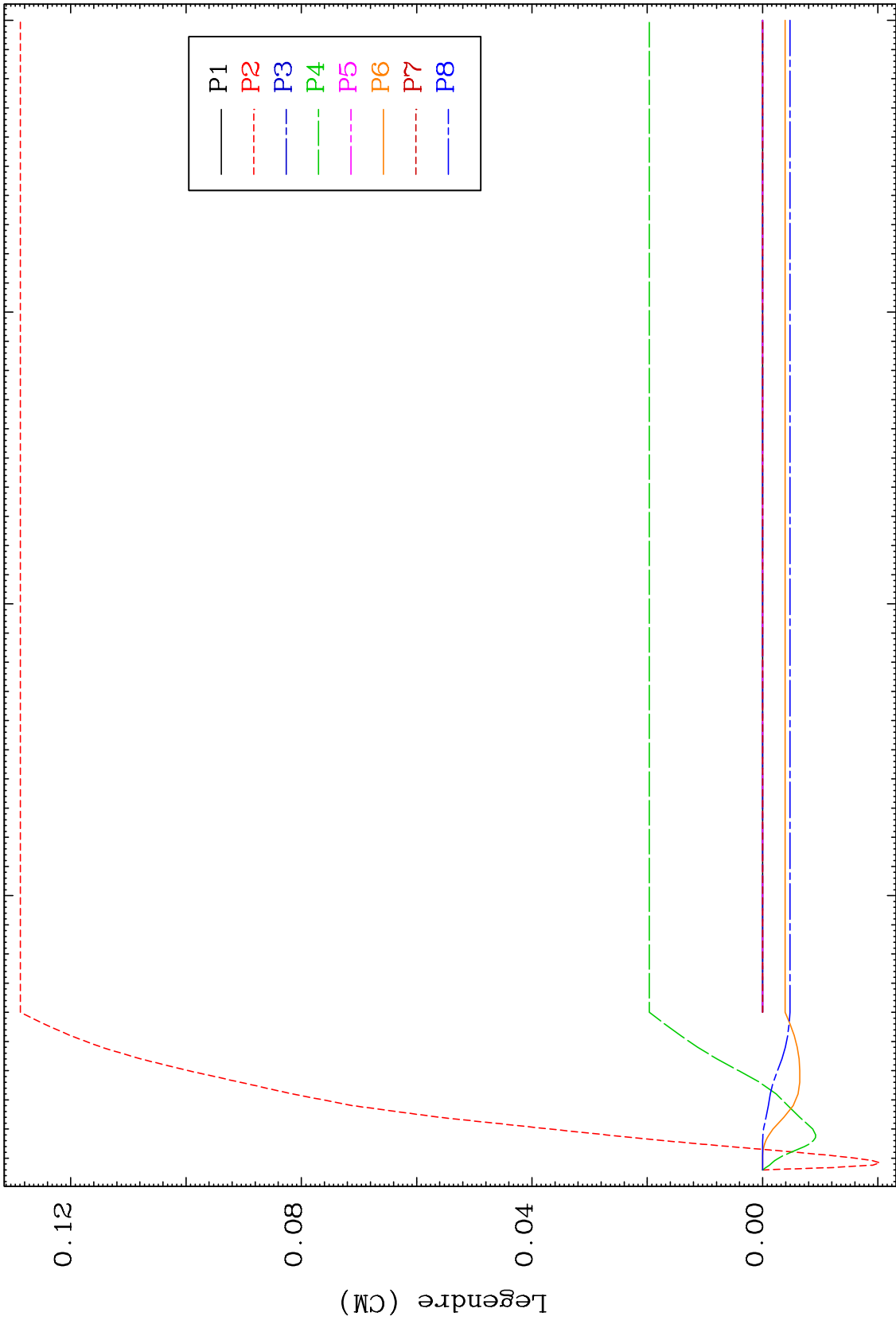
89

25-Mn-59

MAT 2537

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

25-Mn-59

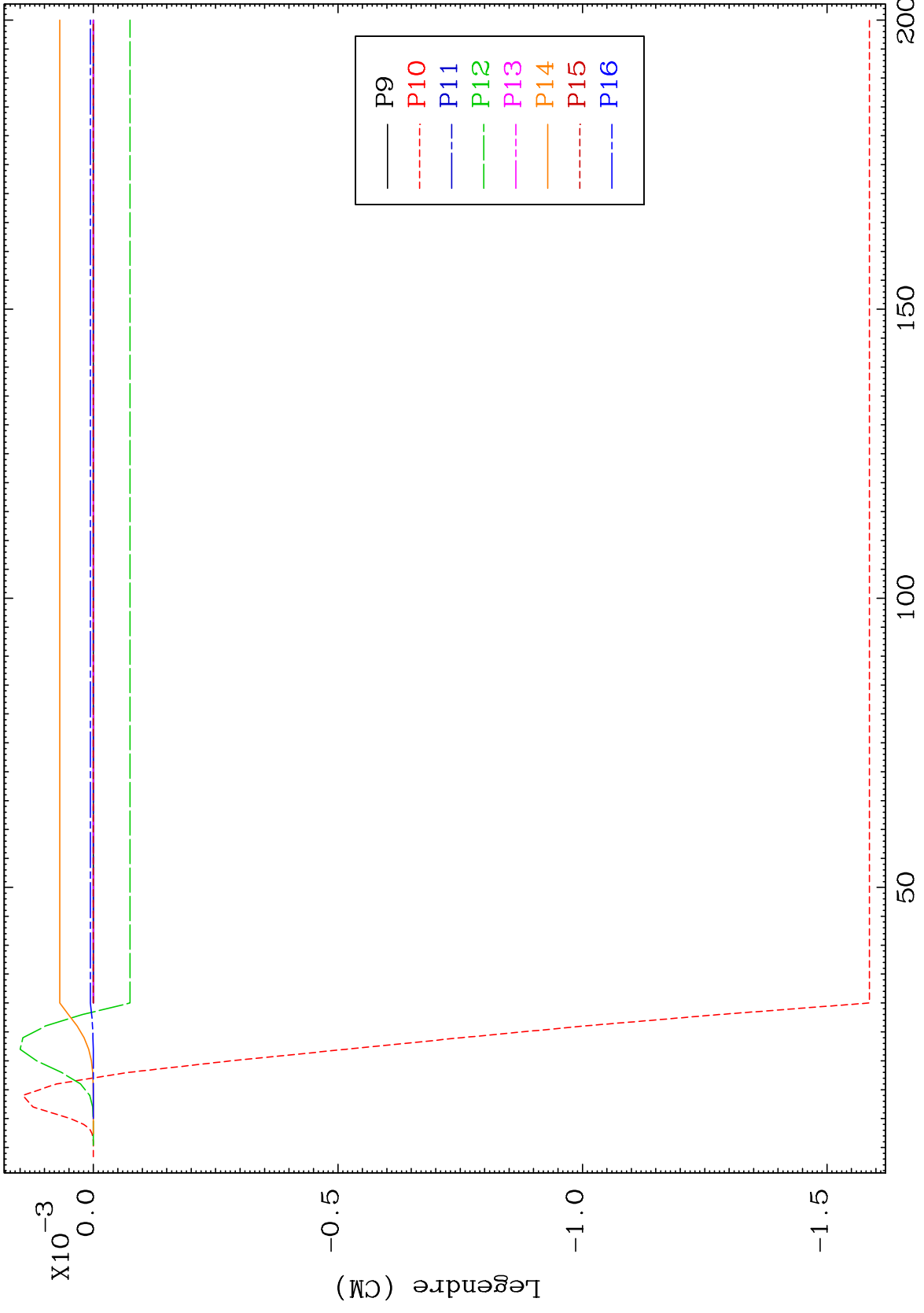


25-Mn-59

Incident Energy (MeV)

90

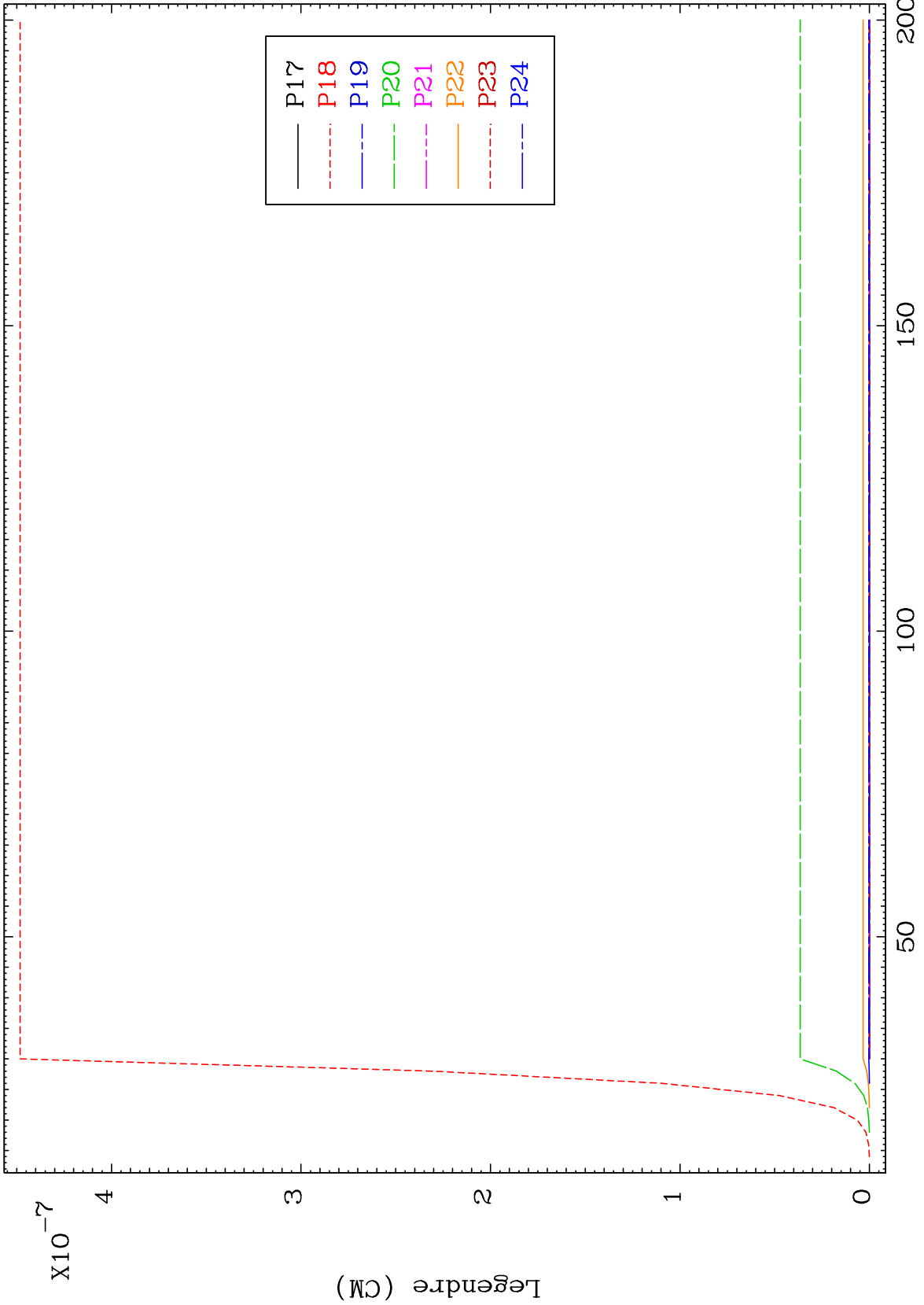
MAT 2537 MT= 75 (n,n') Level Legendre Coefficients 25-Mn-59



MAT 2537

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

25-Mn-59



92

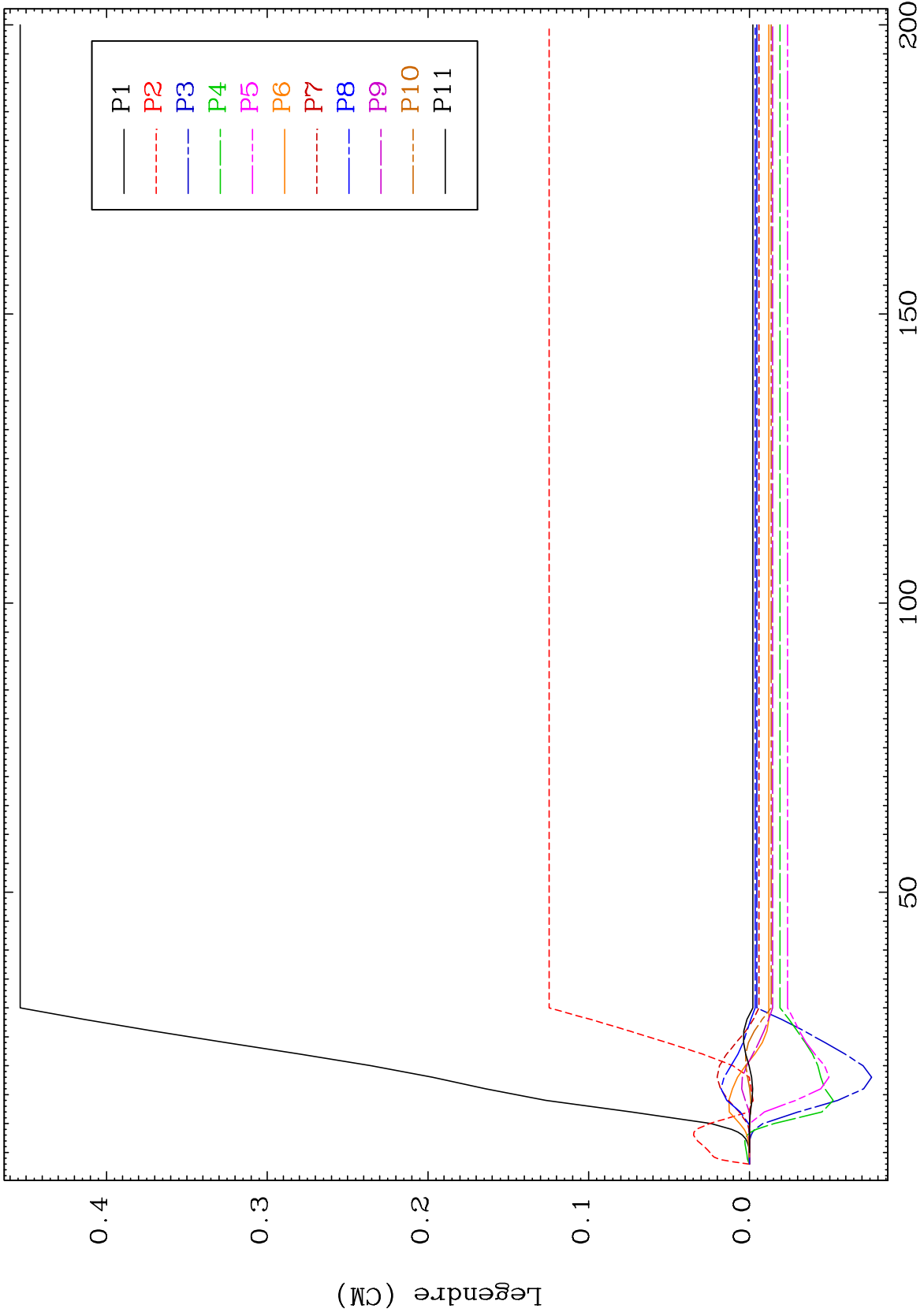
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



93

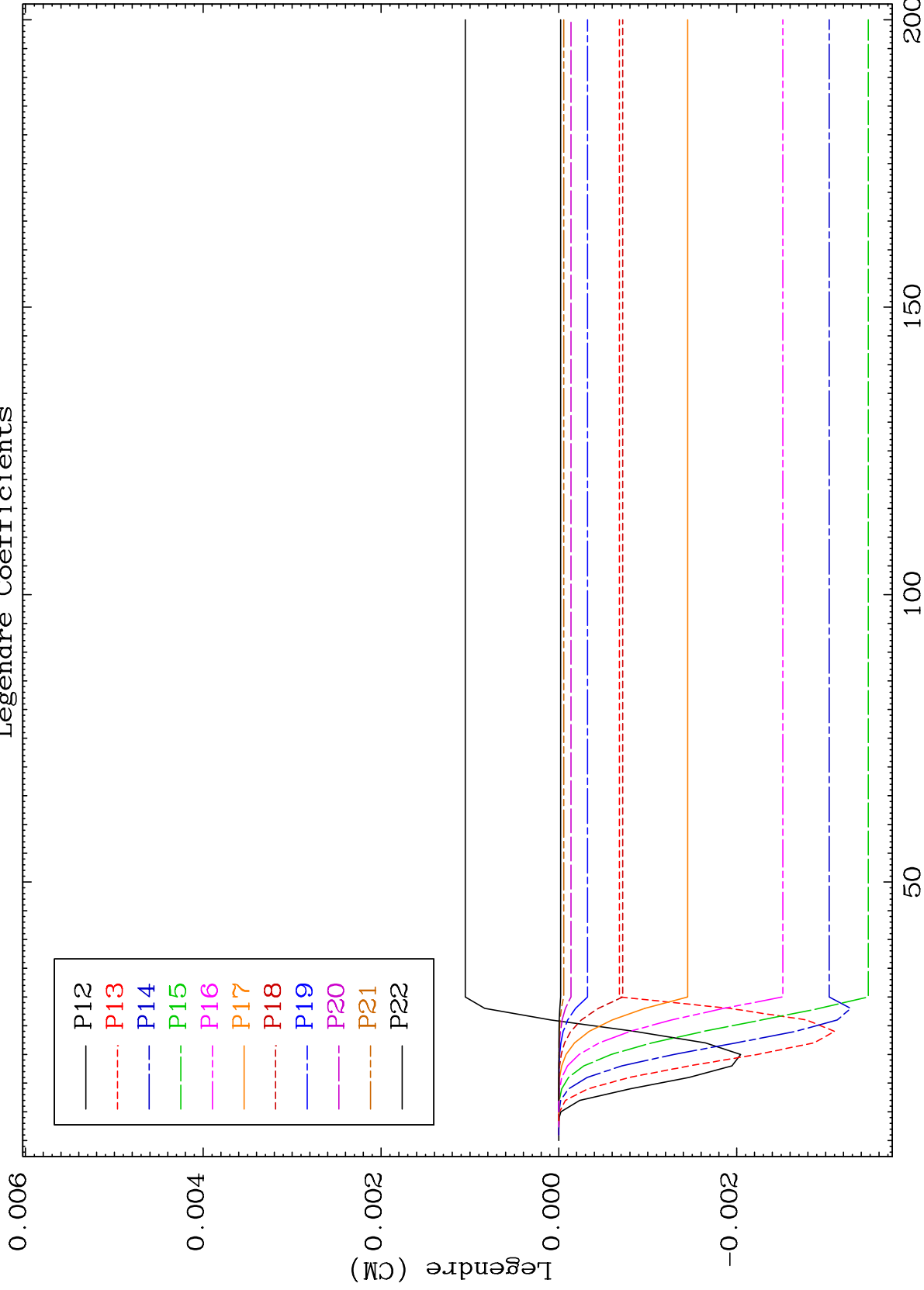
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

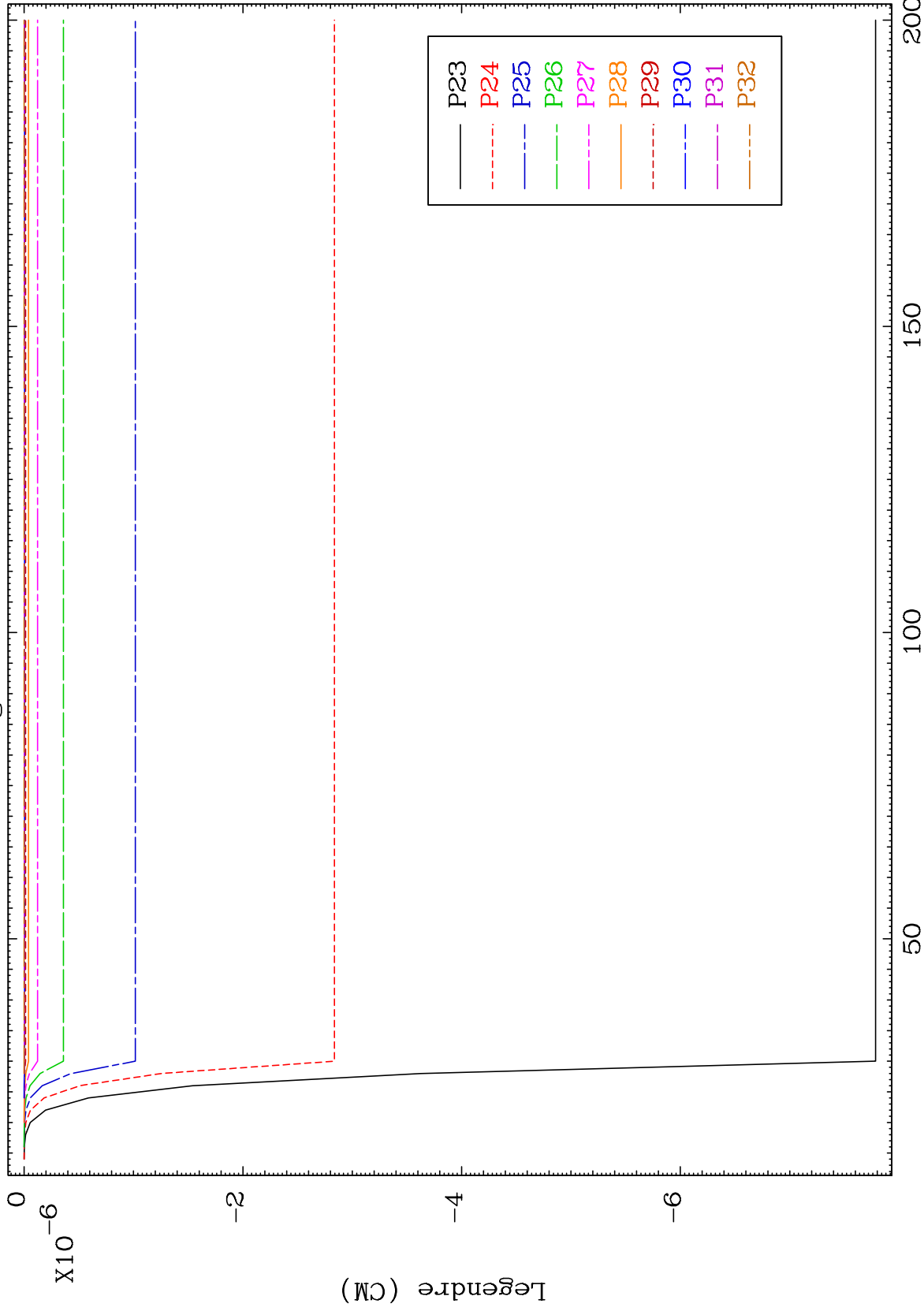
25-Mn-59



MAT 2537

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

25-Mn-59



25-Mn-59

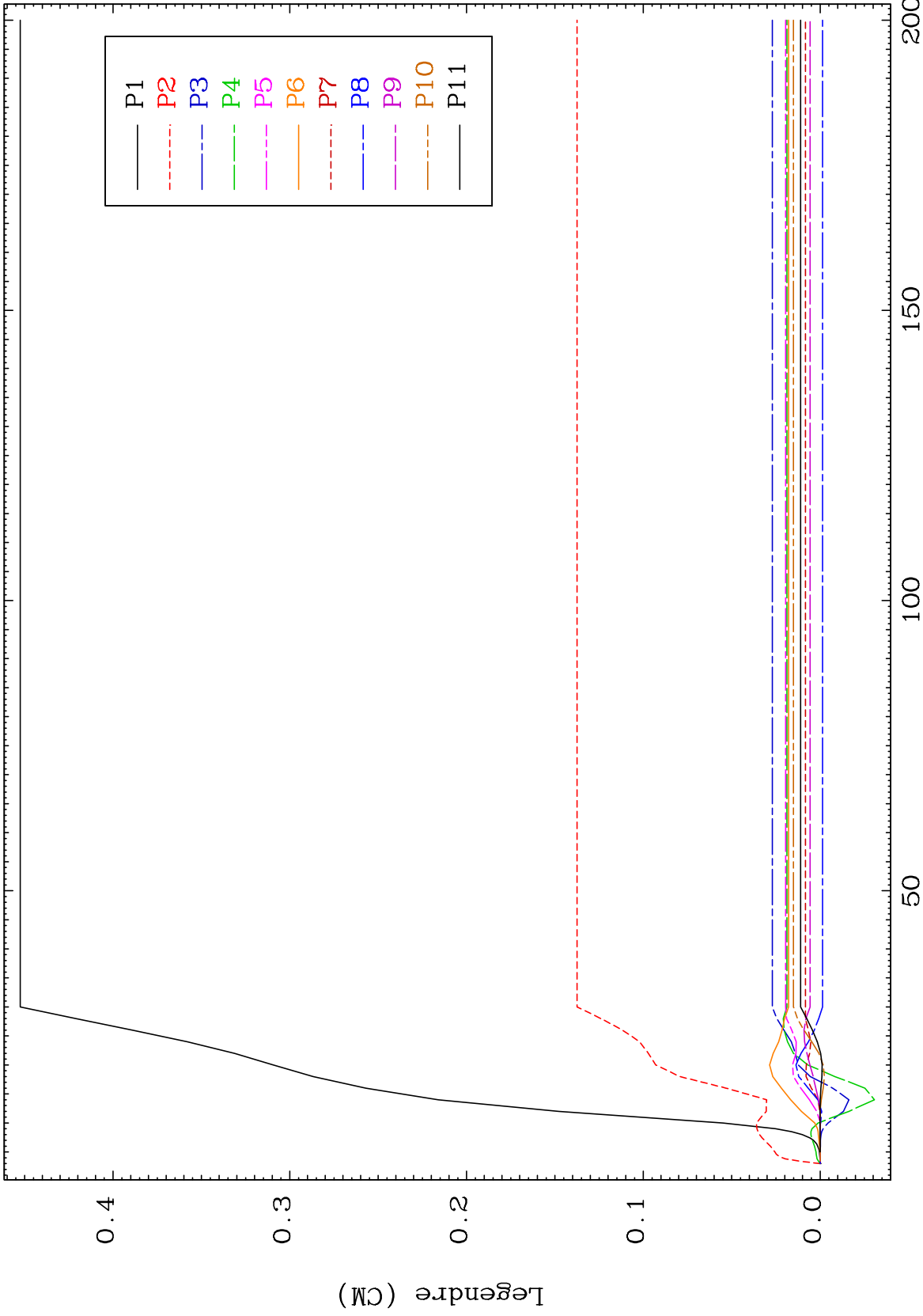
Incident Energy (MeV)

95

MAT 2537

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

25-Mn-59



96

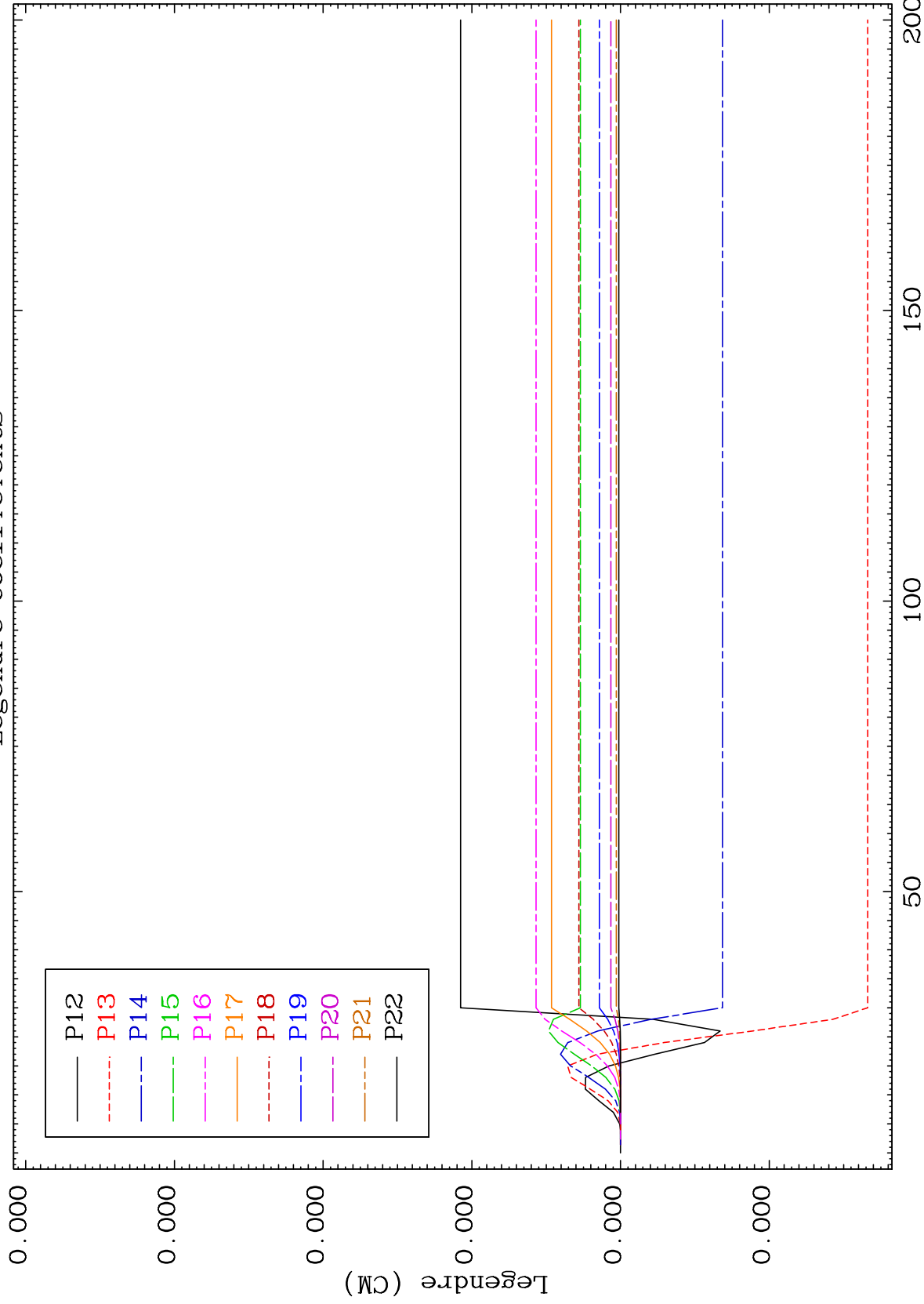
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



97

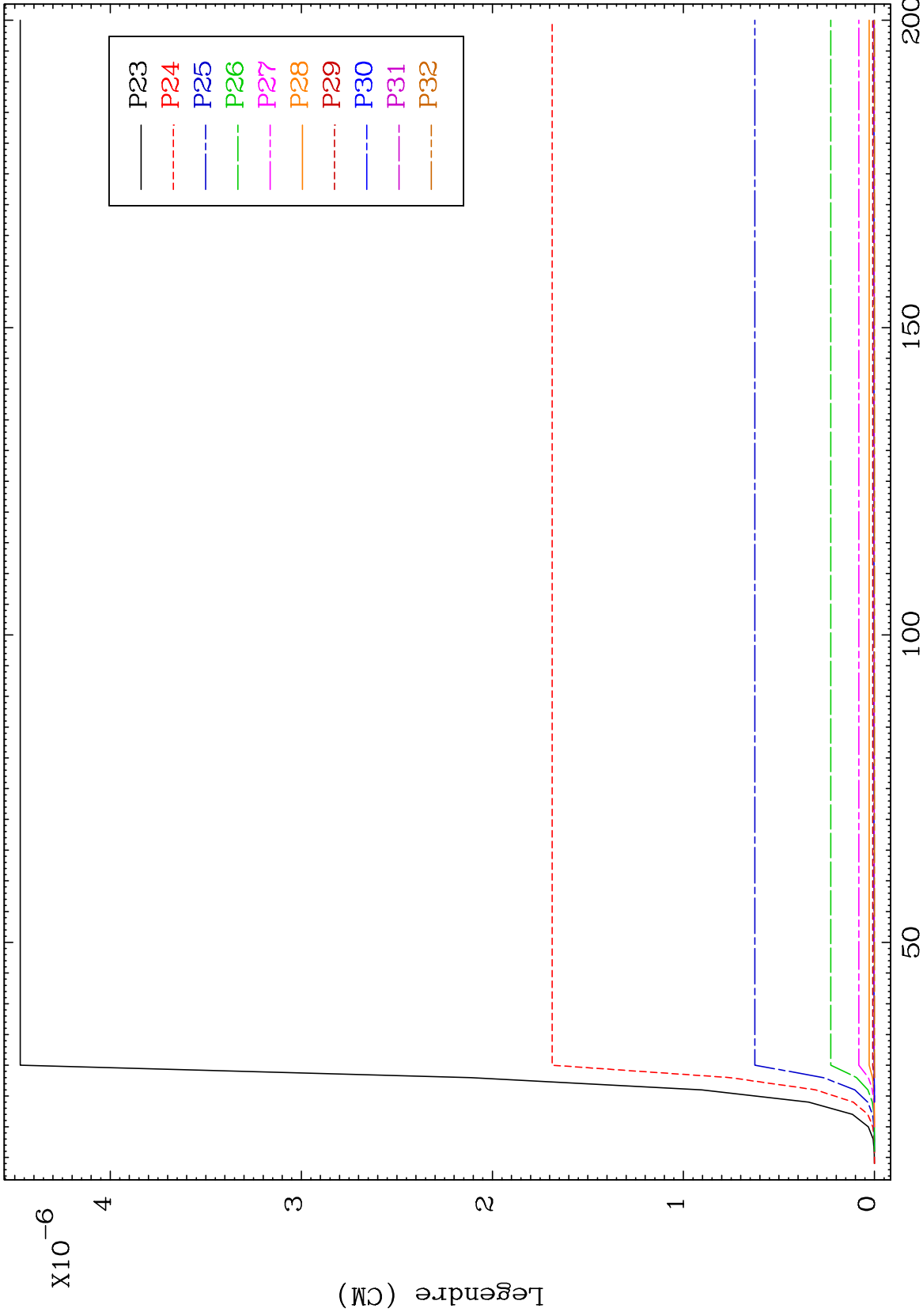
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



98

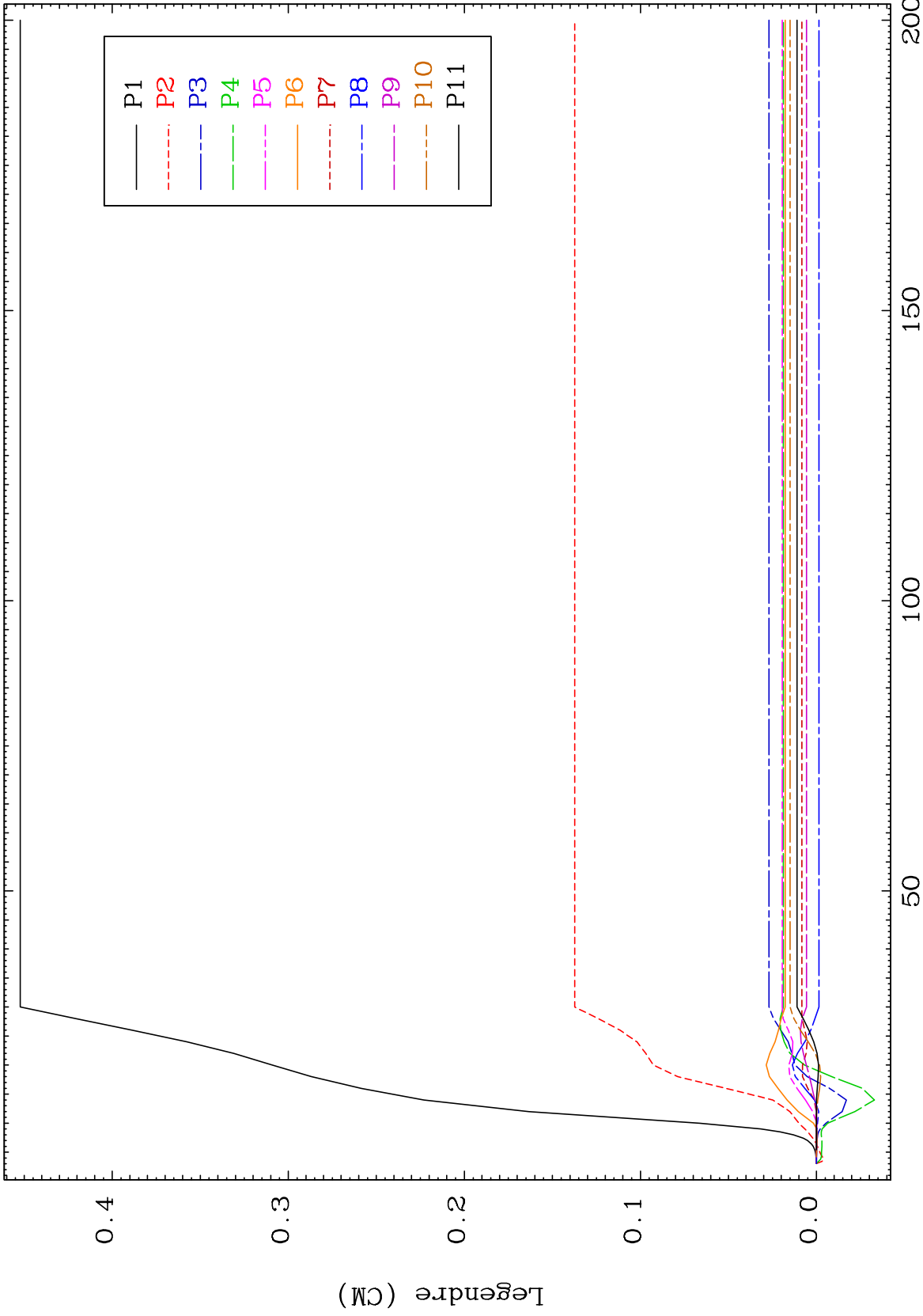
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



99

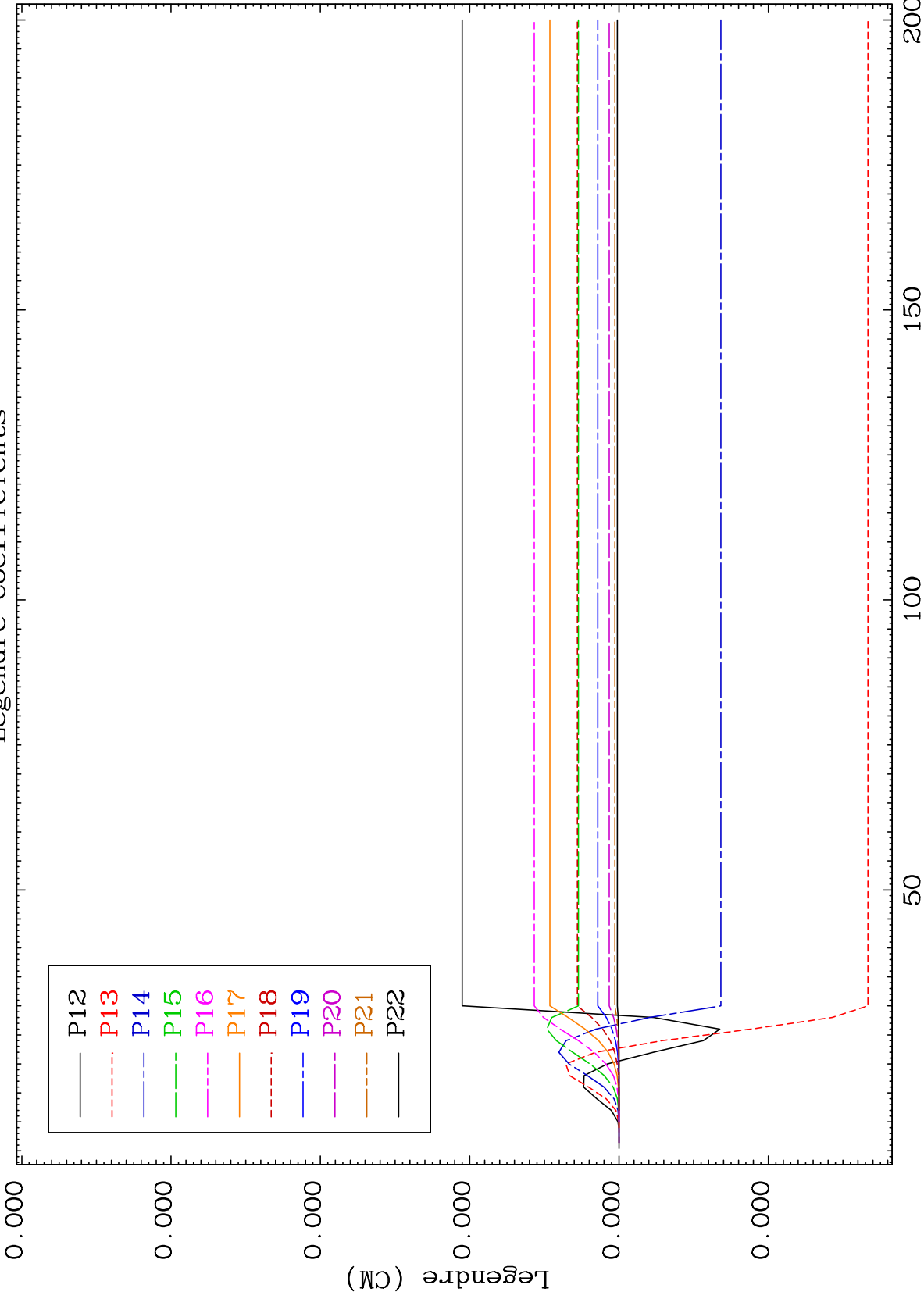
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



100

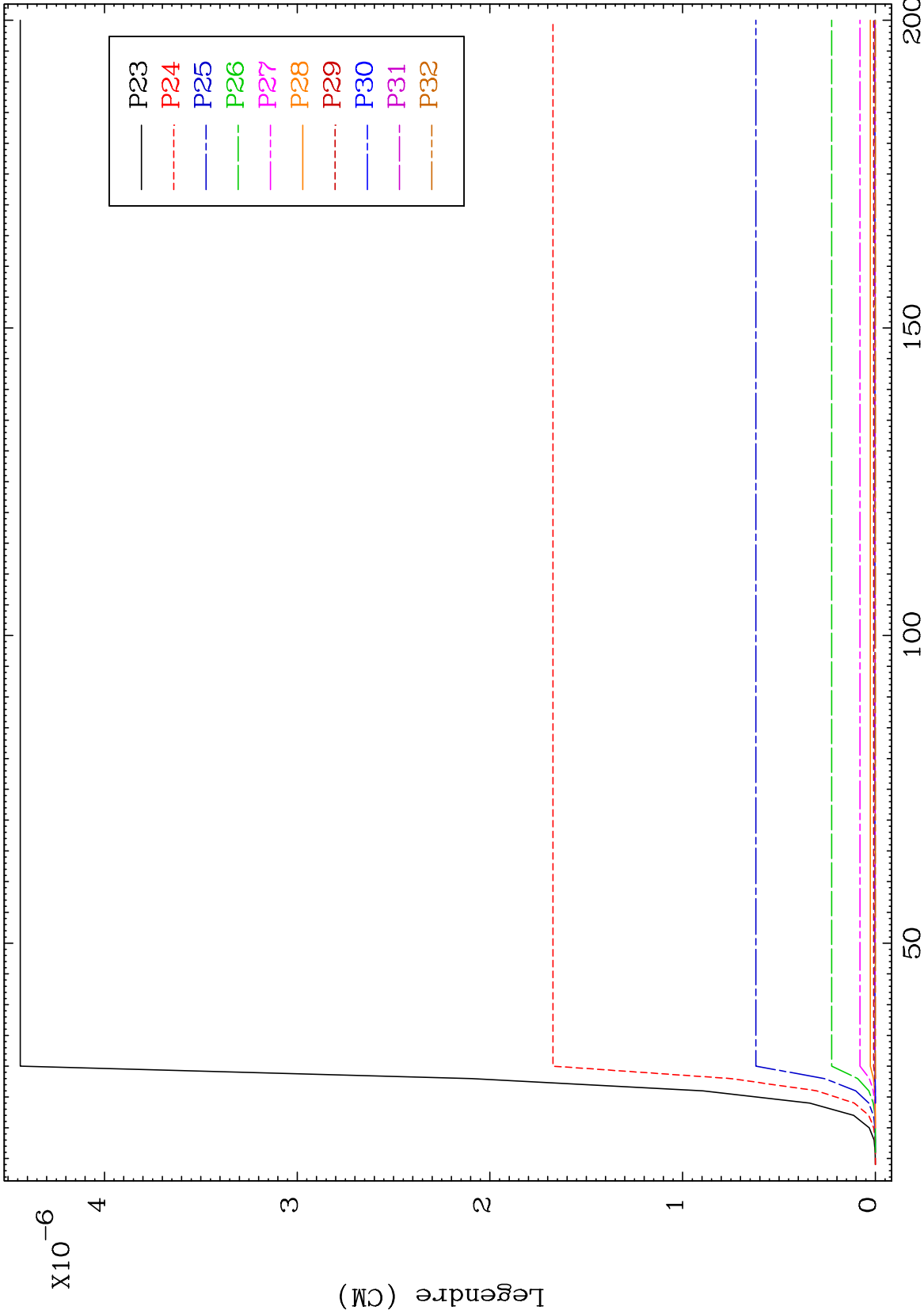
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



101

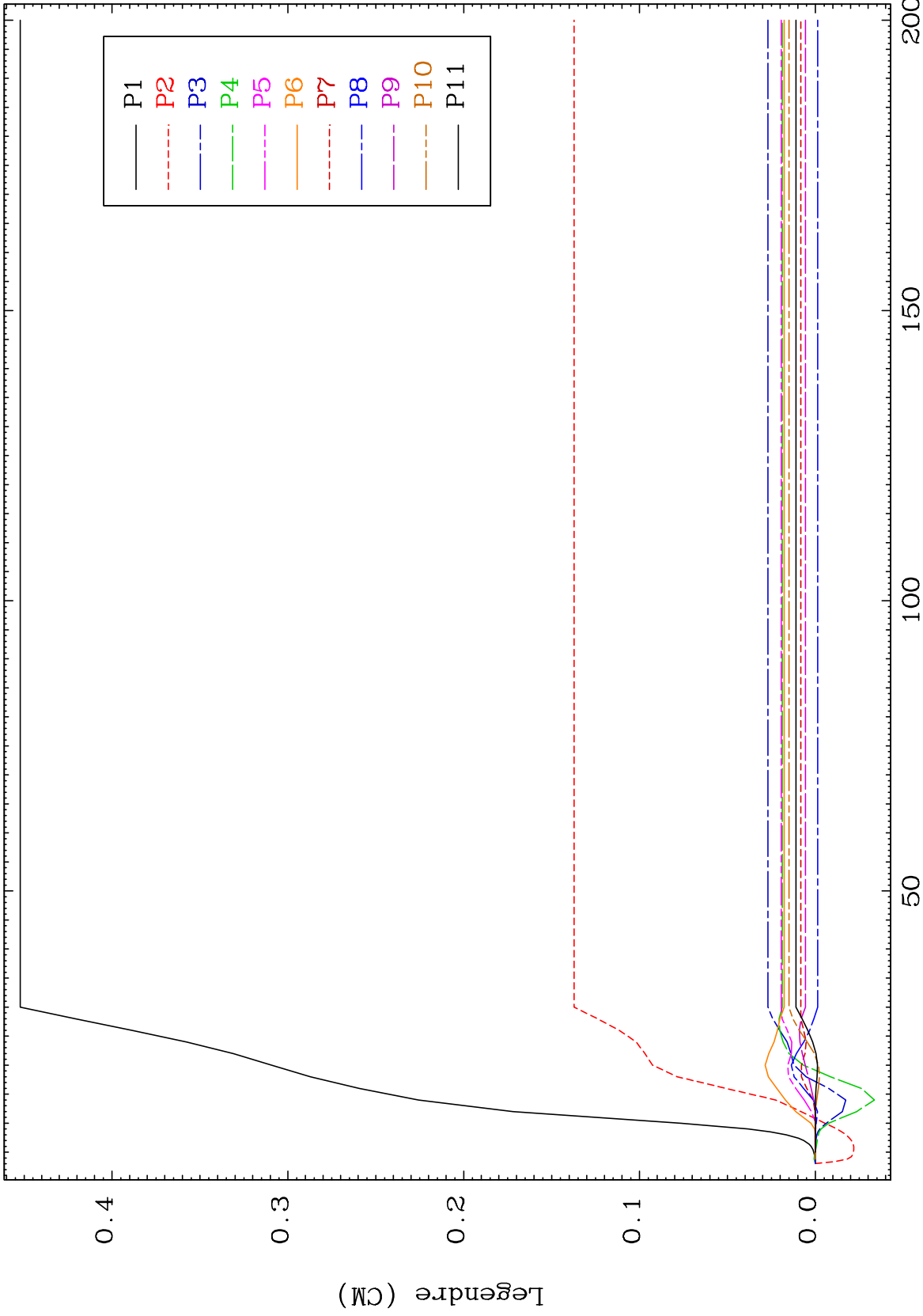
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



25-Mn-59

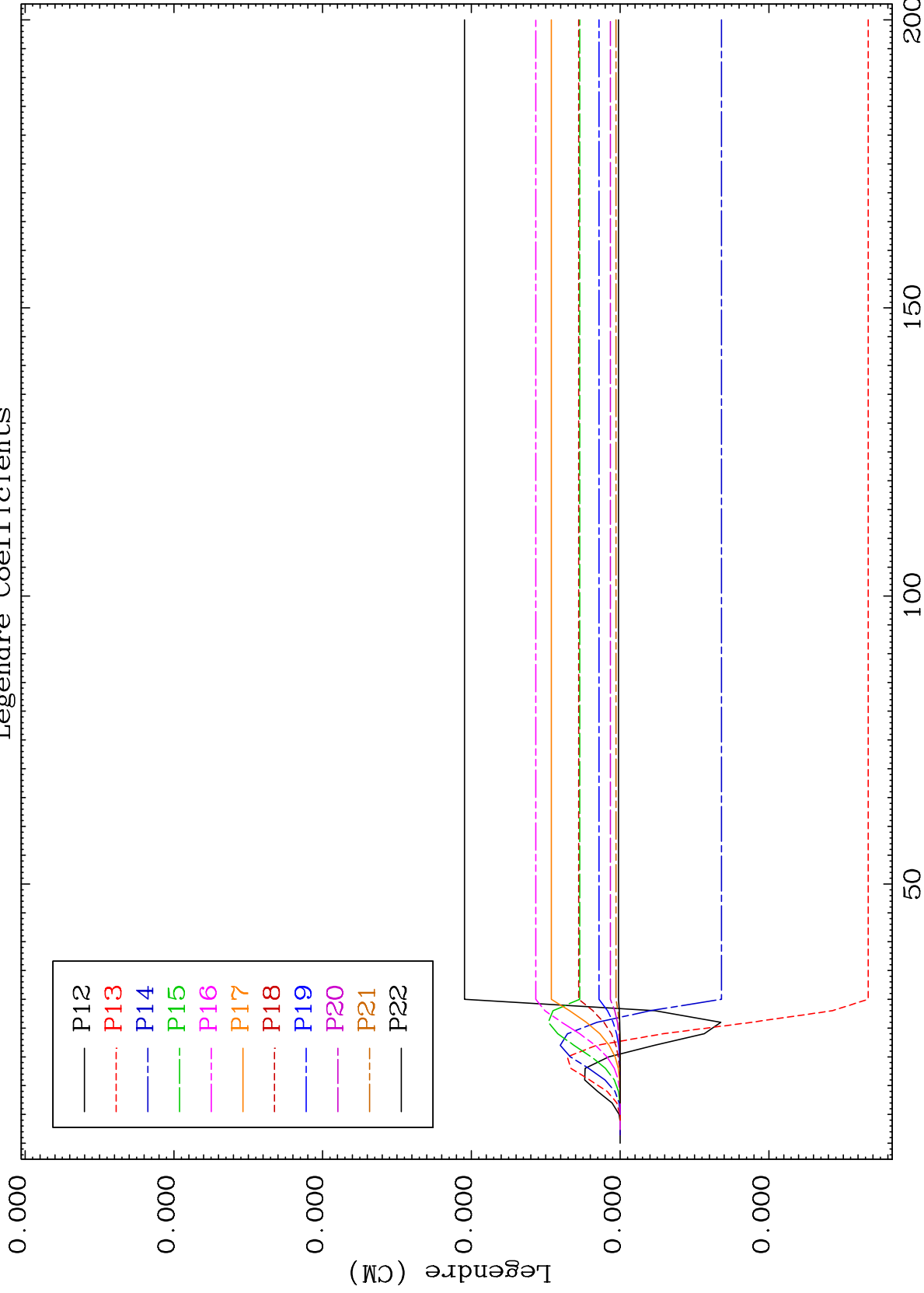
Incident Energy (MeV)

102

MAT 2537

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

25-Mn-59



25-Mn-59

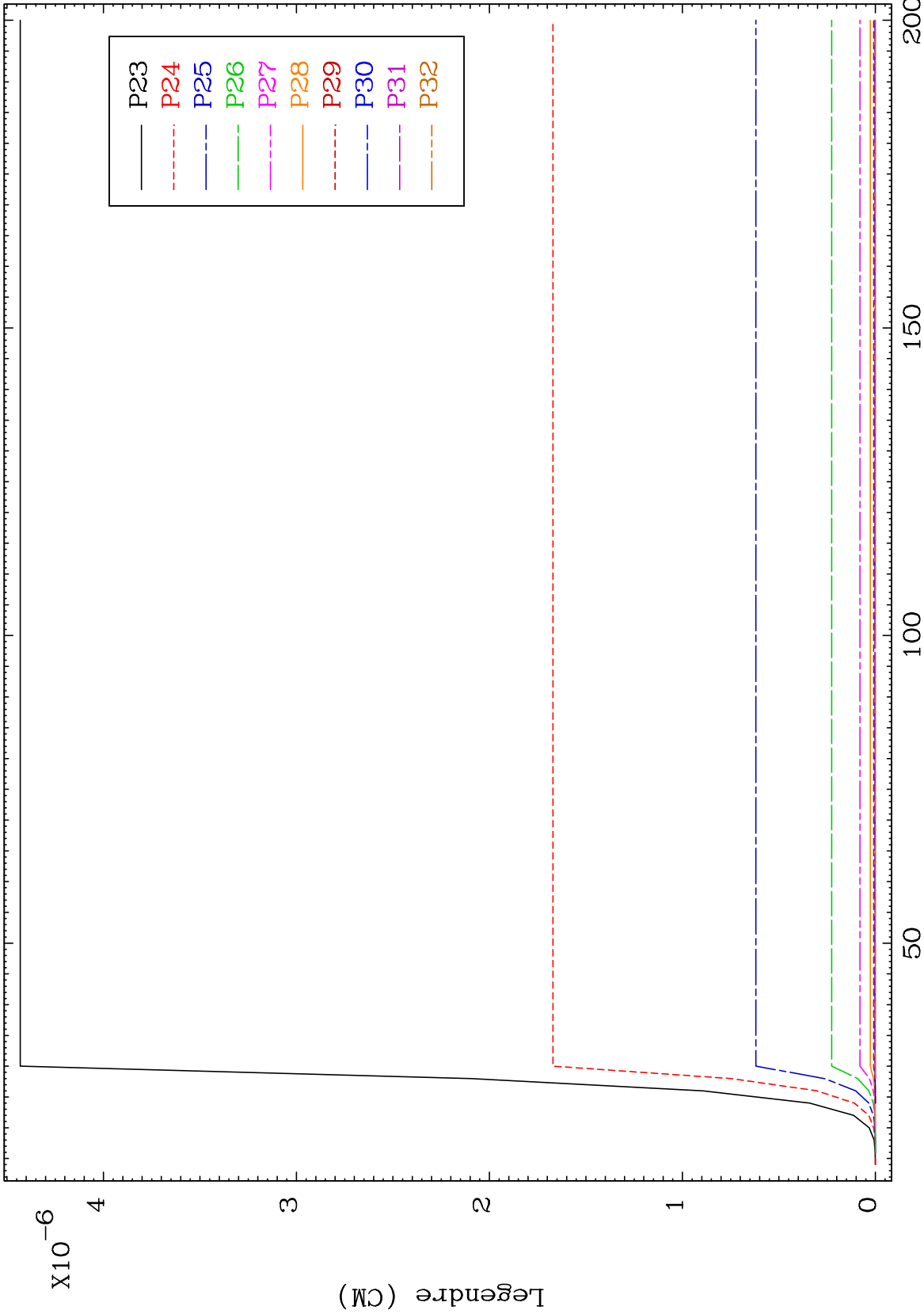
Incident Energy (MeV)

103

MAT 2537

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

25-Mn-59



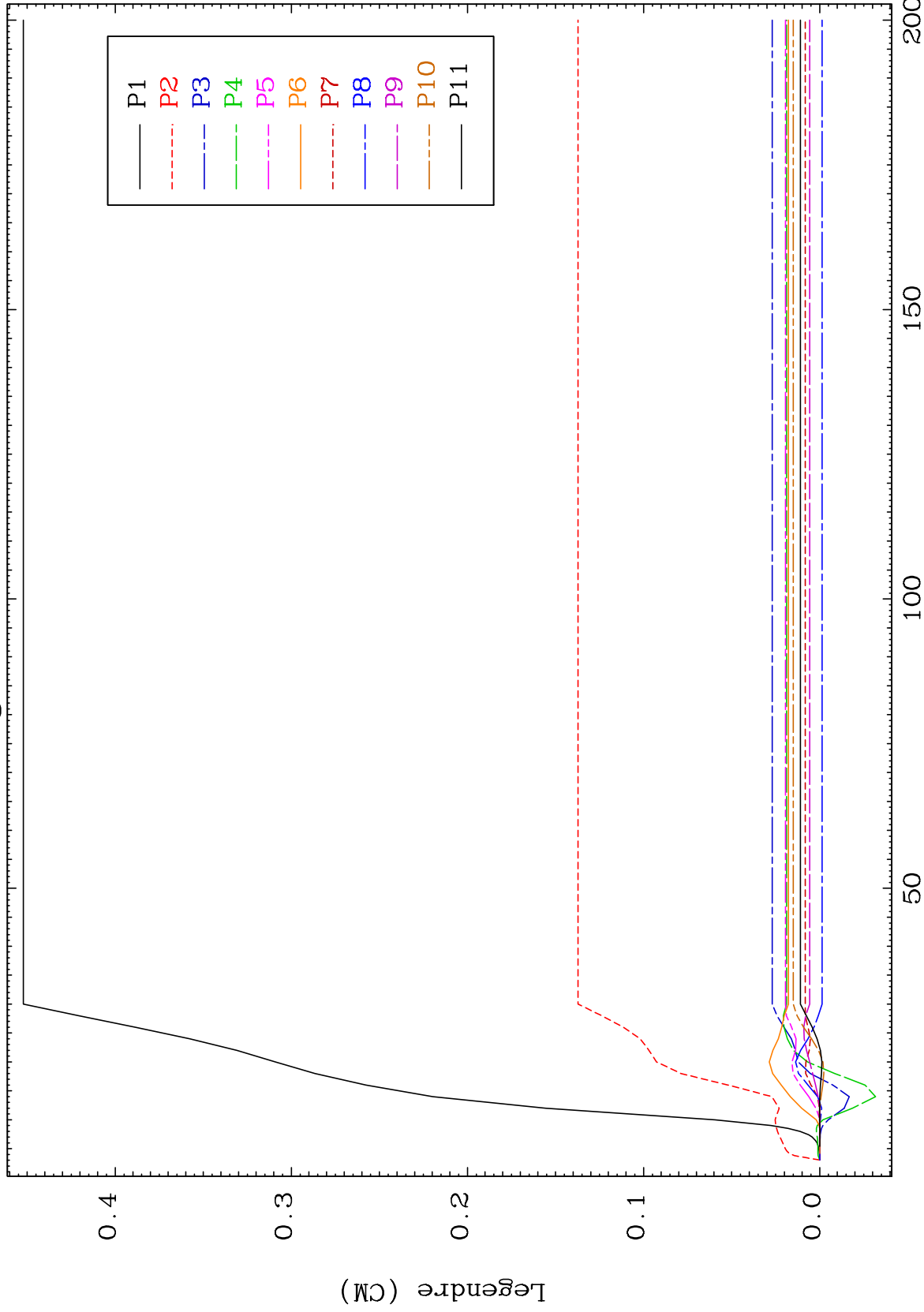
104

25-Mn-59

MAT 2537

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

25-Mn-59



105

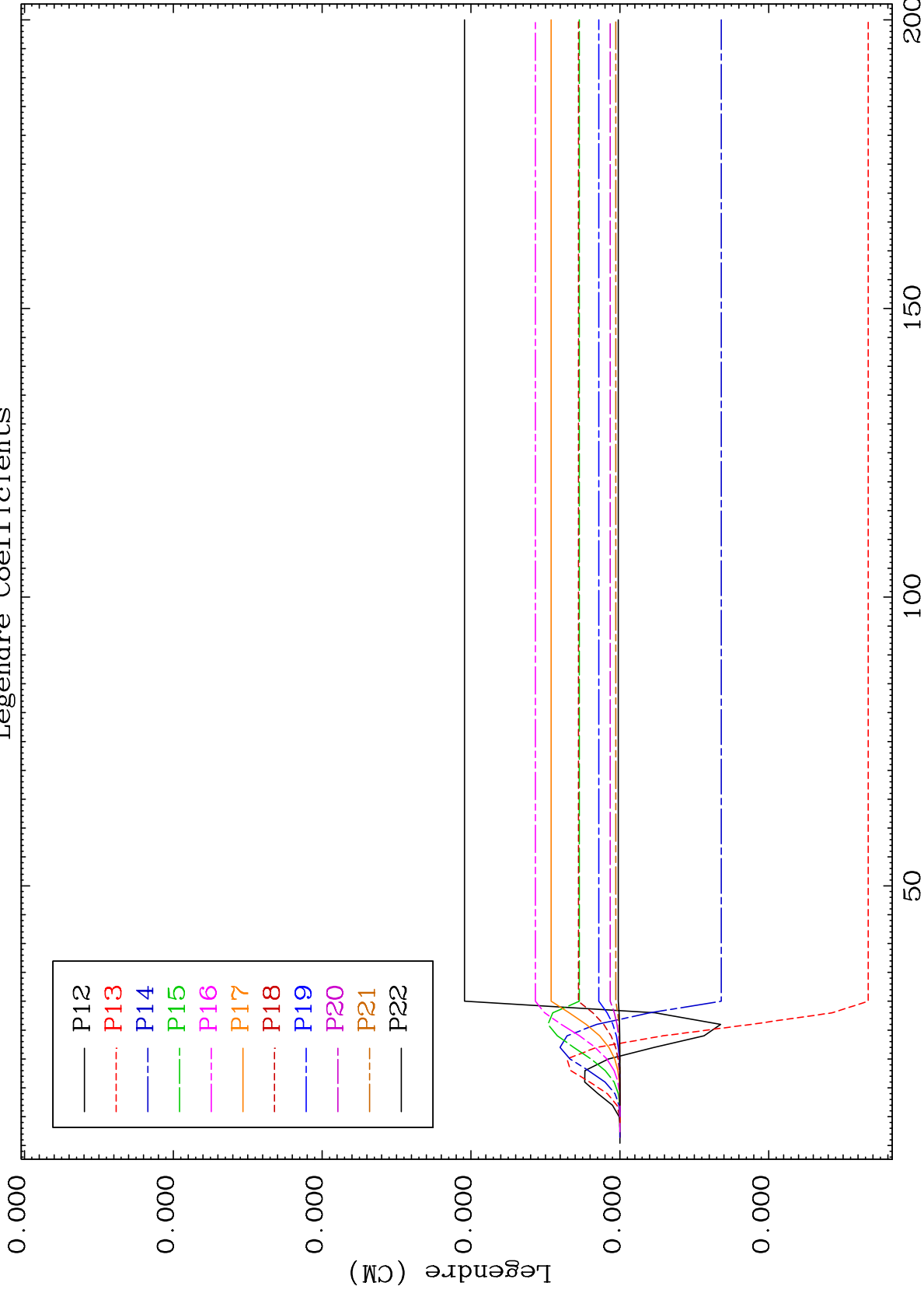
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



106

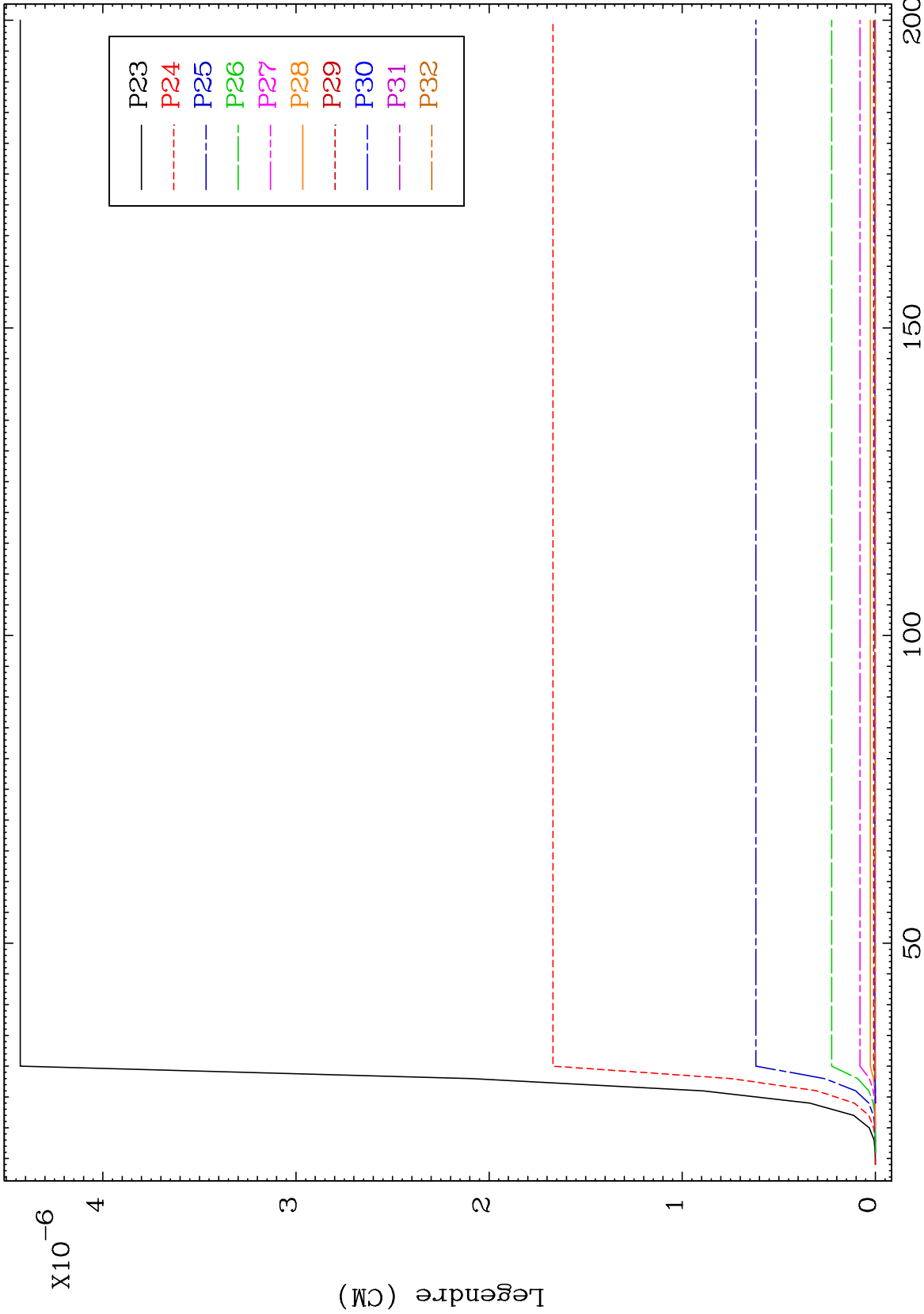
Incident Energy (MeV)

25-Mn-59

MAT 2537

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

25-Mn-59



107

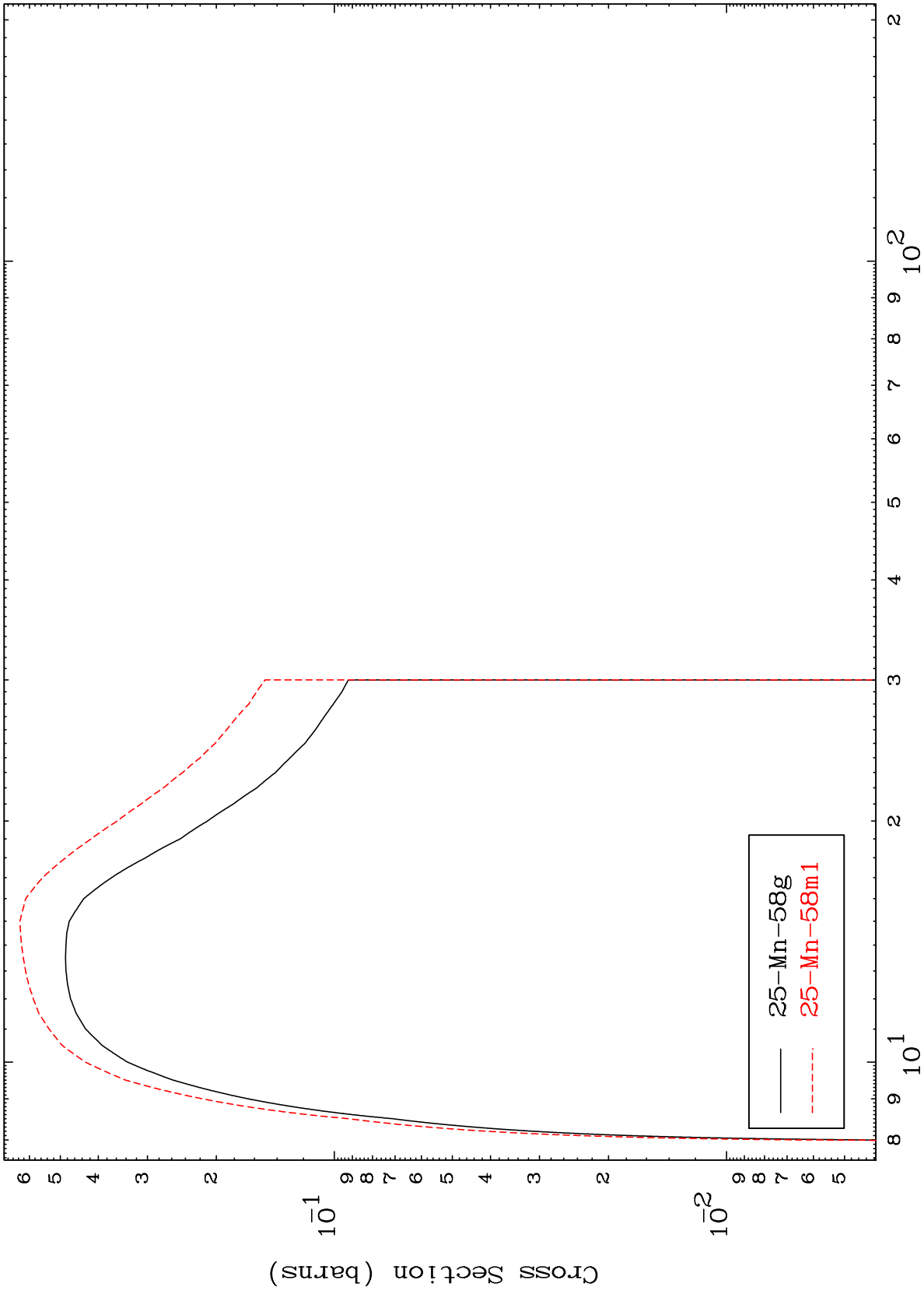
25-Mn-59

MAT 2537

²⁵Mn-59

Radionuclide Production Cross Section

(n,2n)



108

Incident Energy (MeV)

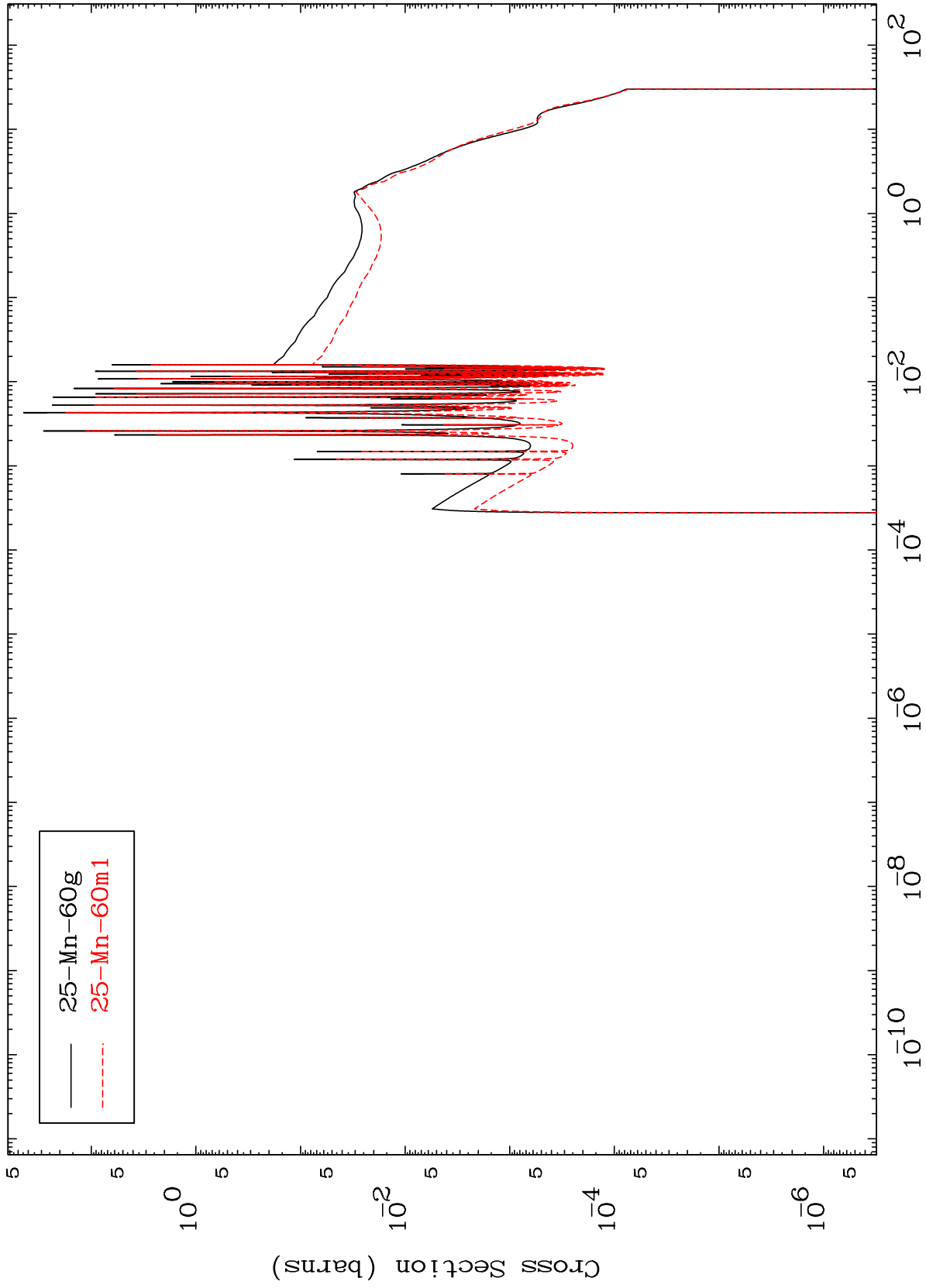
²⁵Mn-59

MAT 2537

(n, γ)

²⁵Mn-59

Radionuclide Production Cross Section



109

Incident Energy (MeV)

²⁵Mn-59