

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

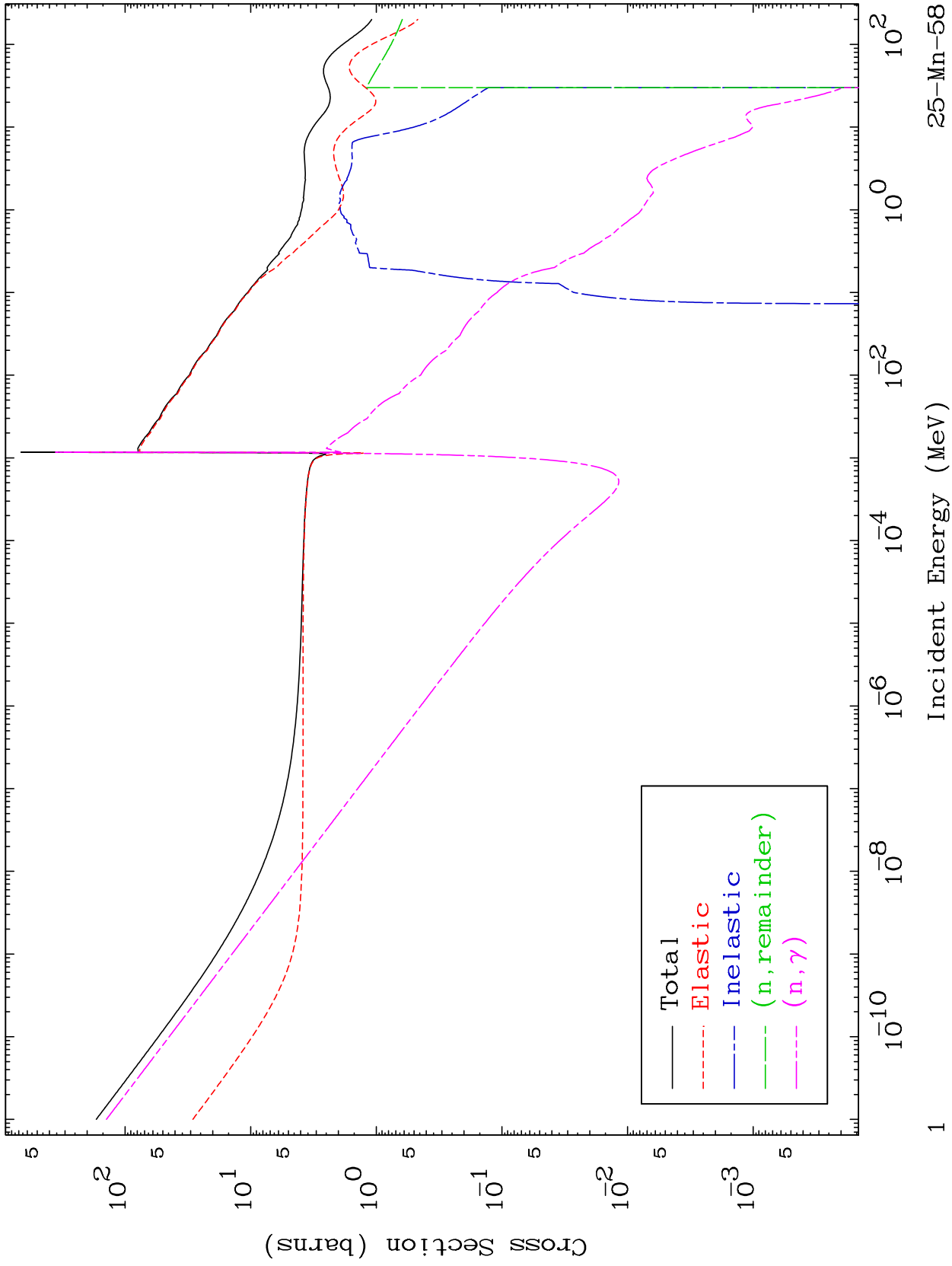
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2534

Major
293 Kelvin Cross Sections

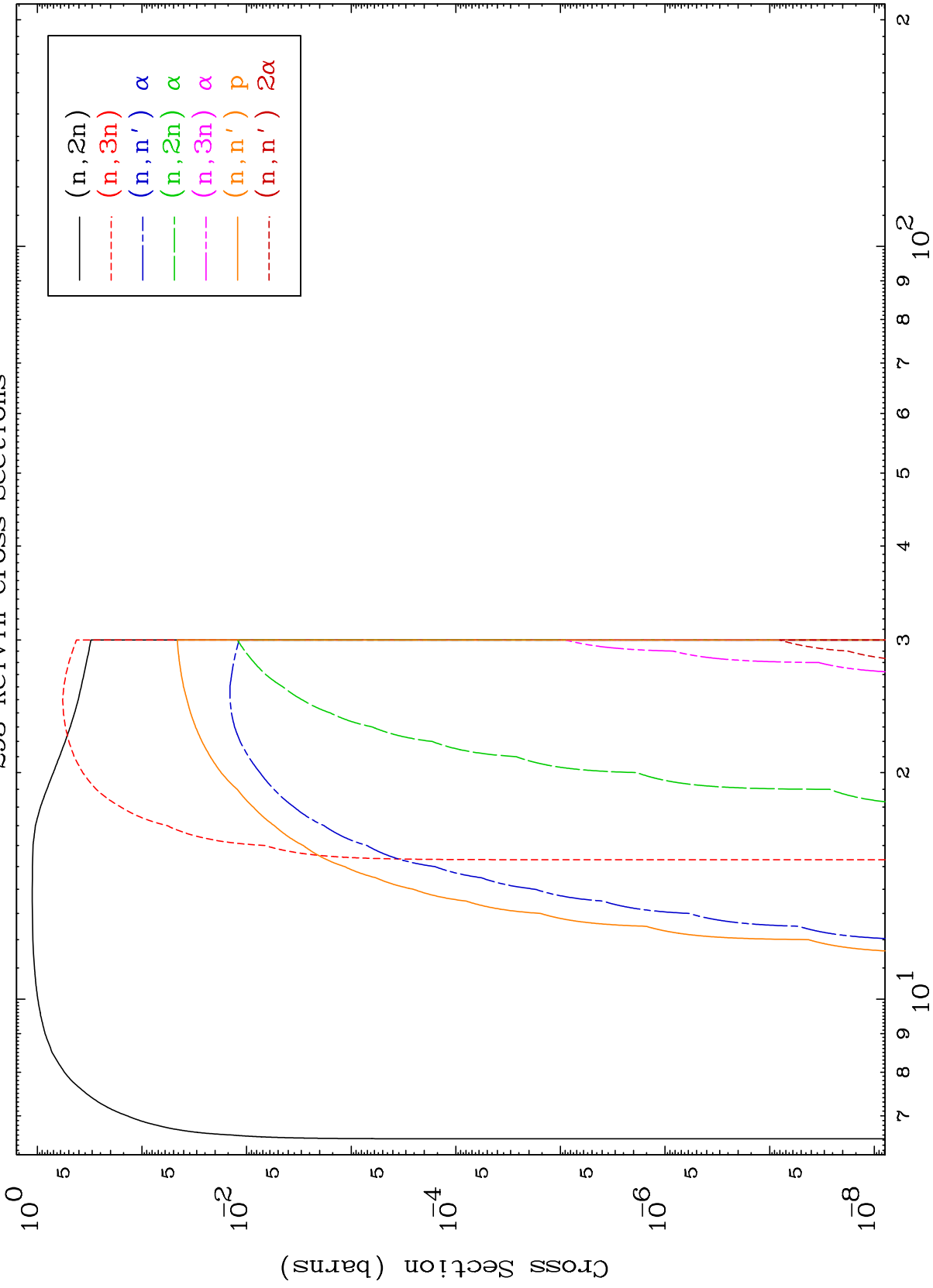
25-Mn-58



MAT 2534

Neutron Production
293 Kelvin Cross Sections

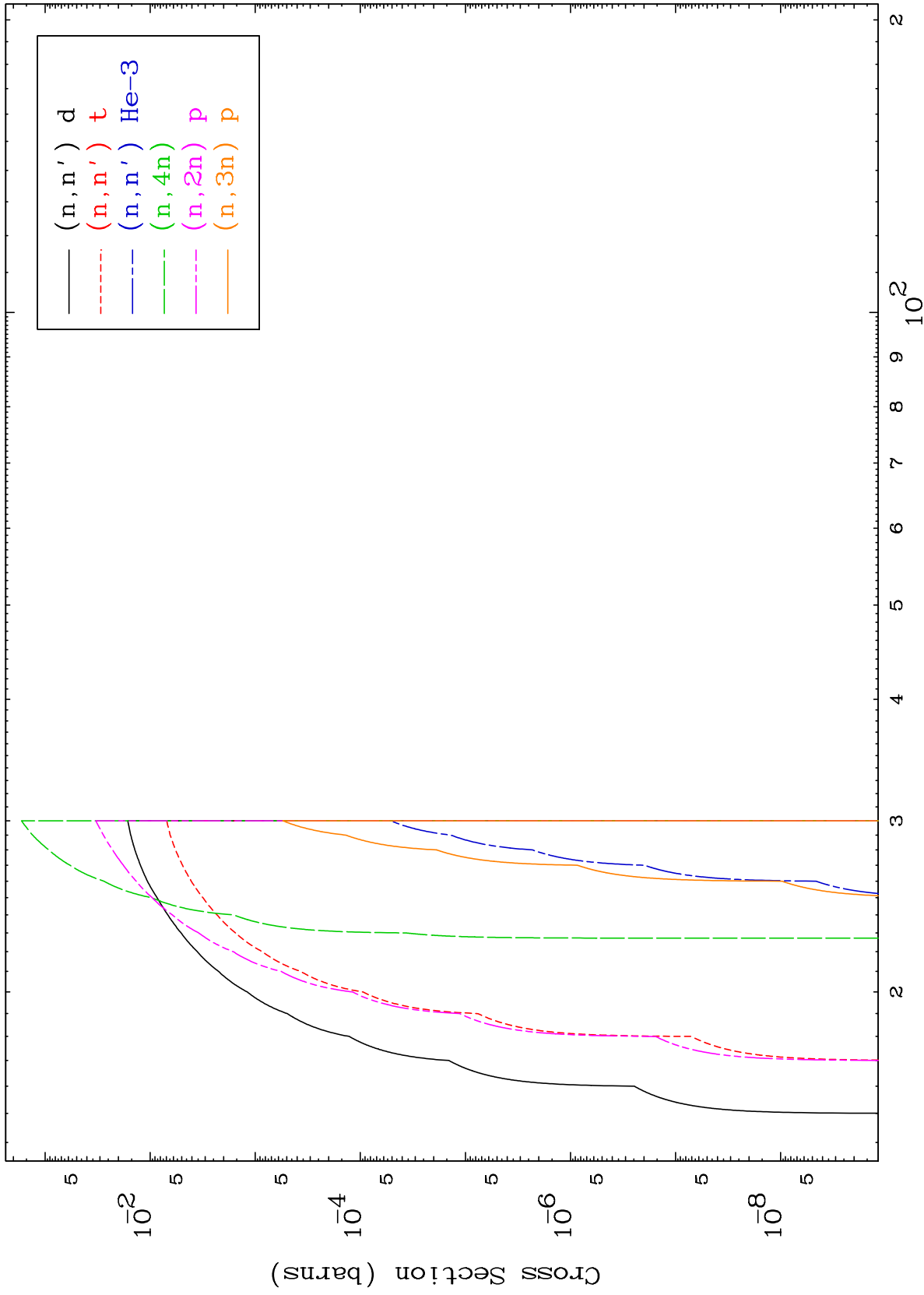
25-Mn-58



2

Incident Energy (MeV)

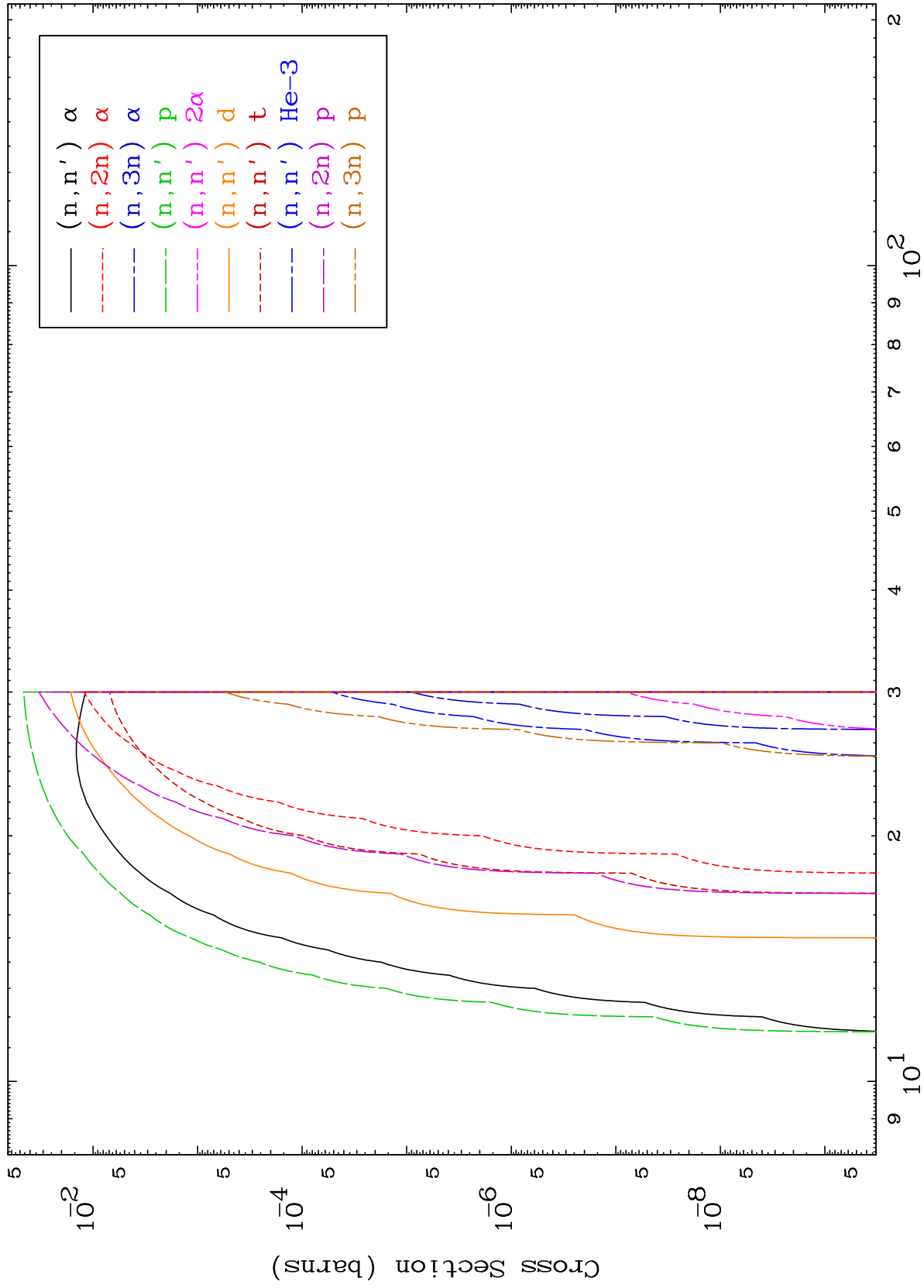
25-Mn-58



MAT 2534

Charged Particle
293 Kelvin Cross Sections

25-Mn-58



4

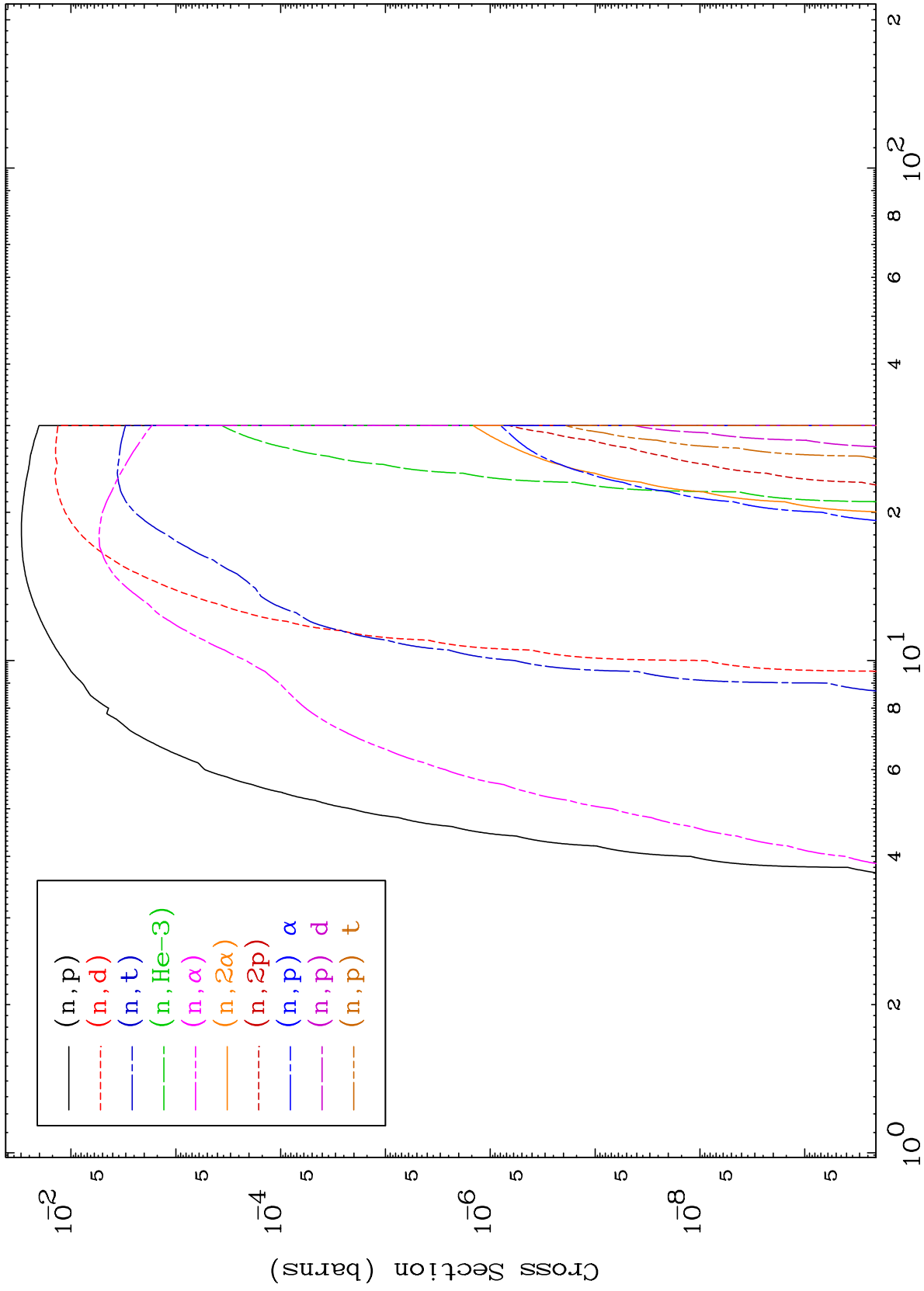
Incident Energy (MeV)

25-Mn-58

MAT 2534

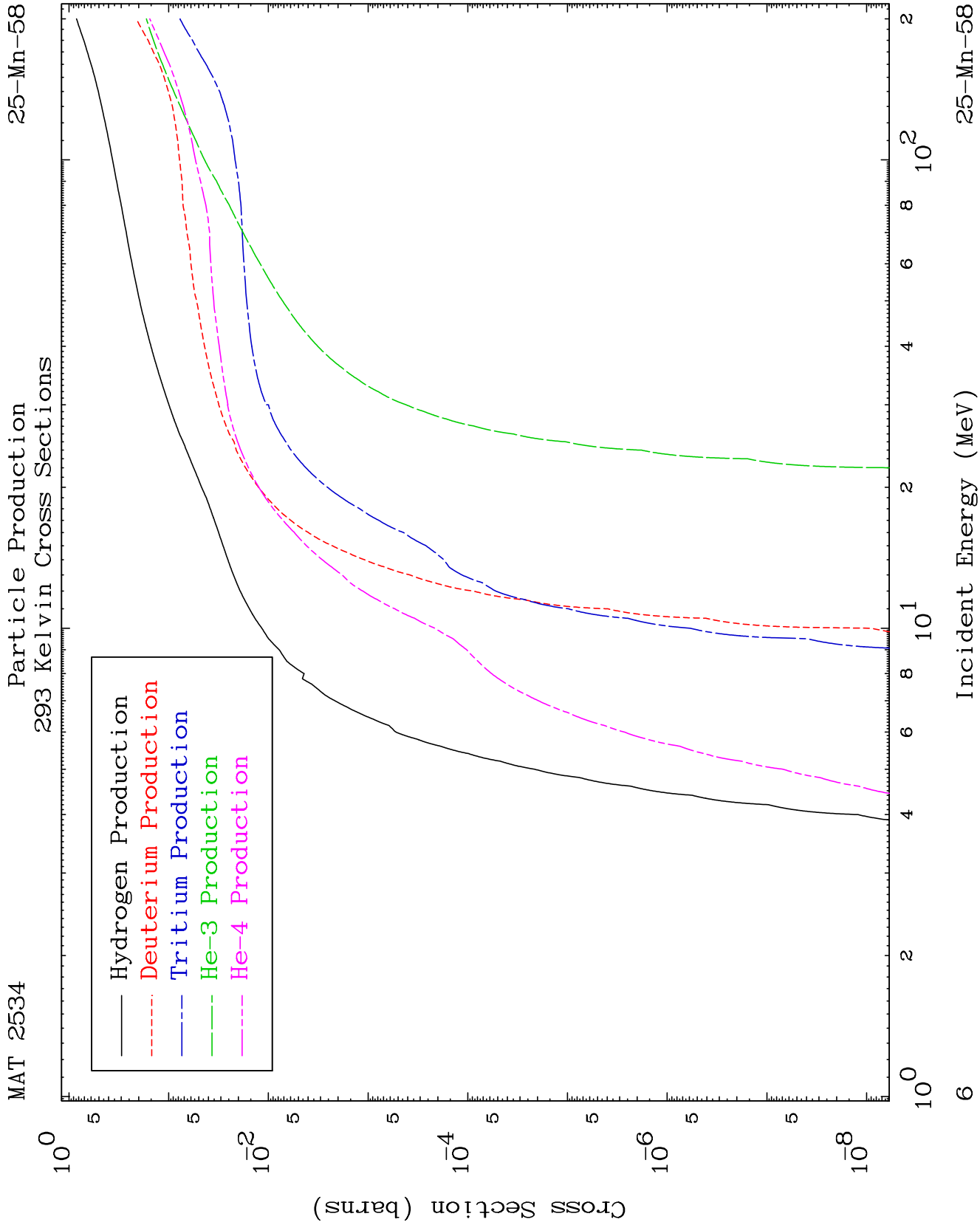
293 Kelvin Cross Sections

25-Mn-58



Incident Energy (MeV)

25-Mn-58

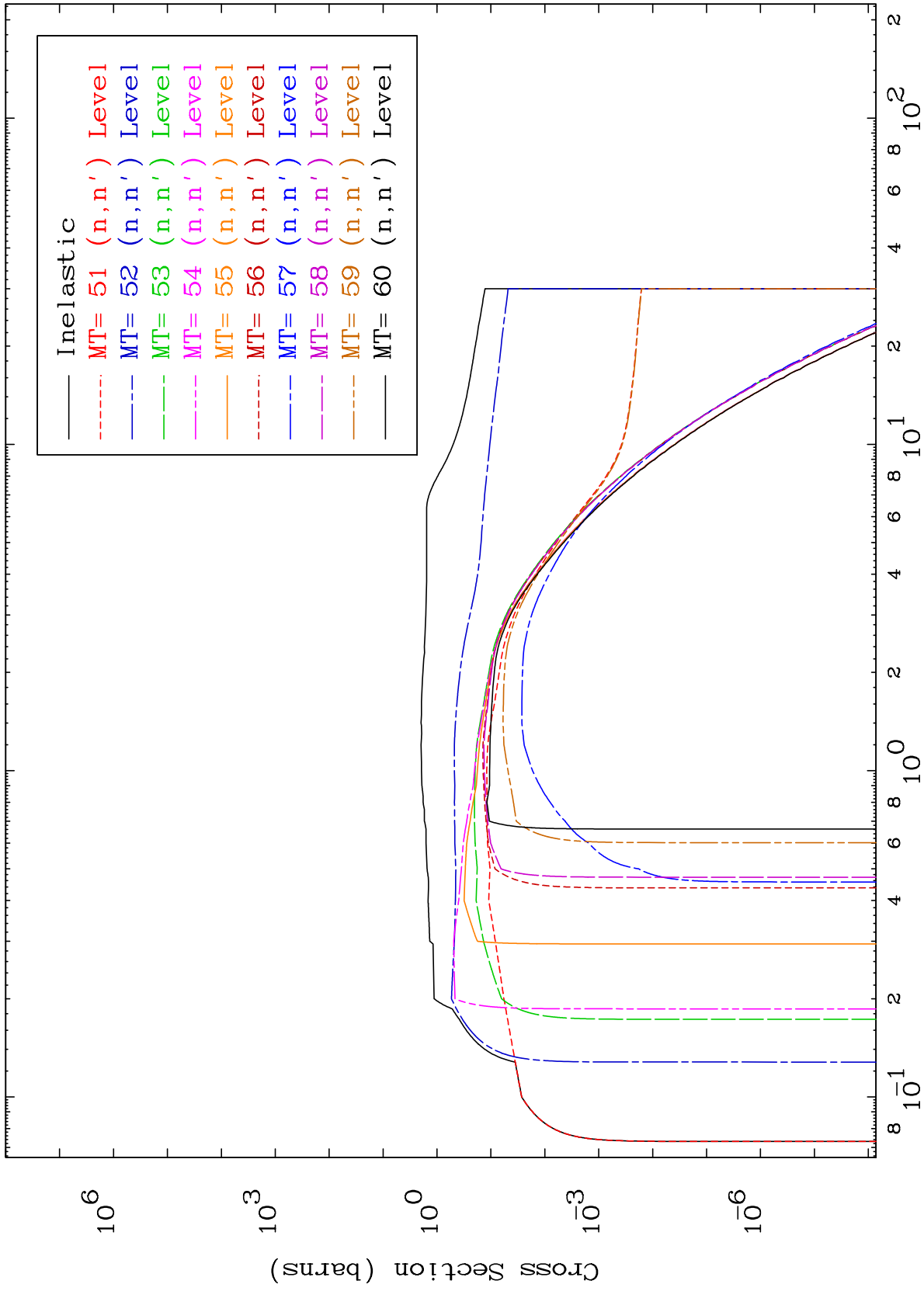


MAT 2534

(n,n') Level

25-Mn-58

293 Kelvin Cross Sections



7

Incident Energy (MeV)

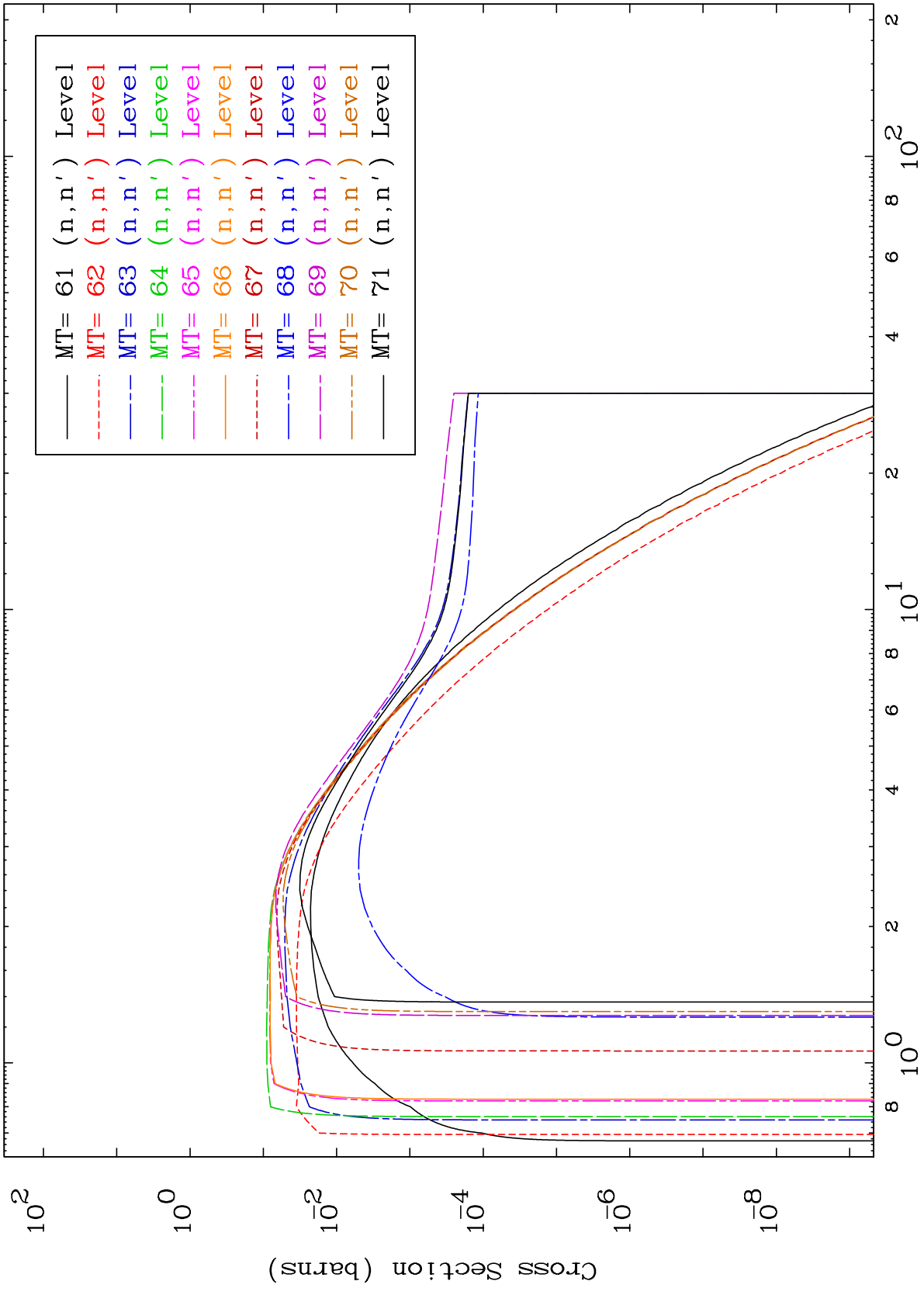
25-Mn-58

MAT 2534

(n,n') Level

25-Mn-58

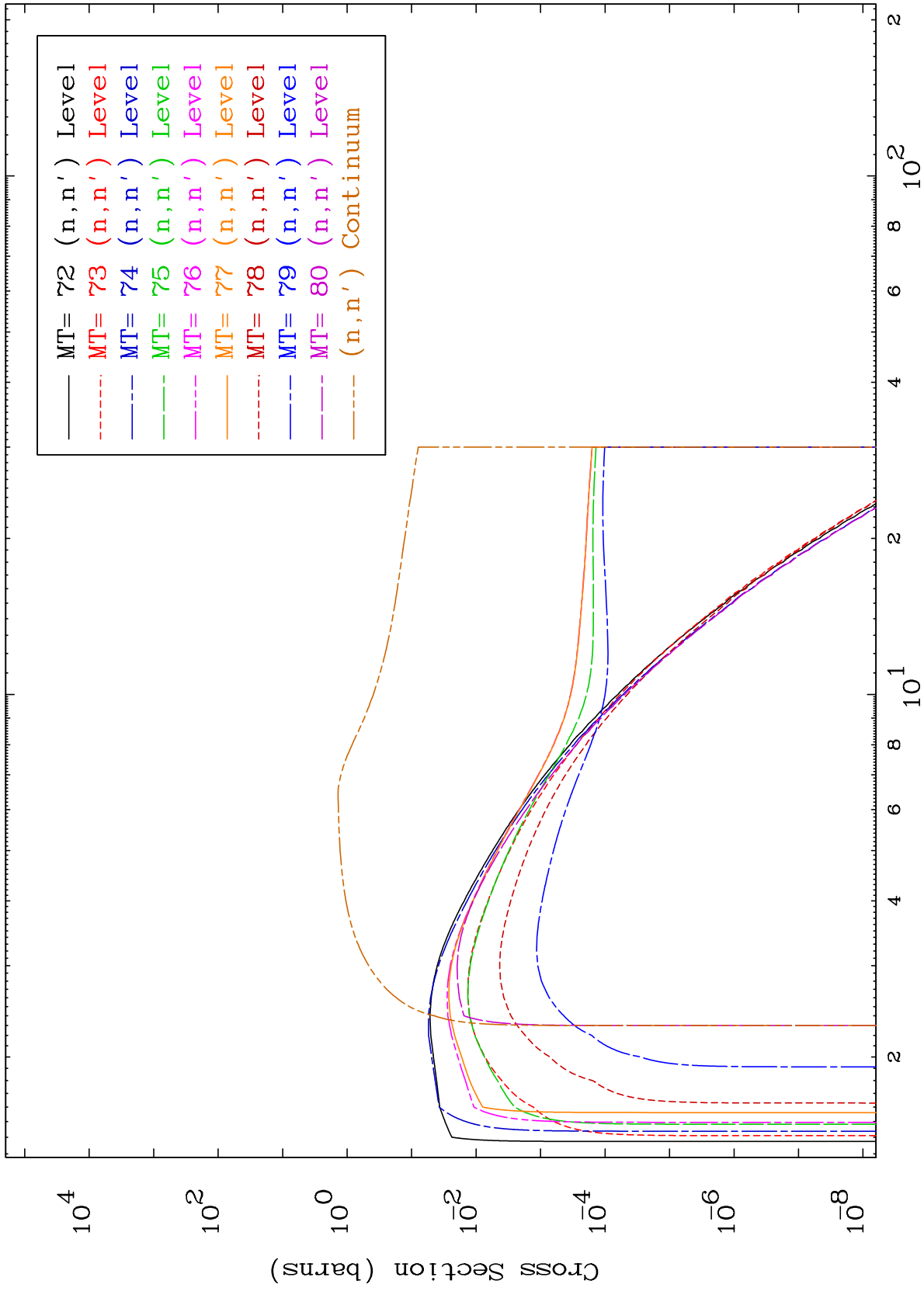
293 Kelvin Cross Sections



8

Incident Energy (MeV)

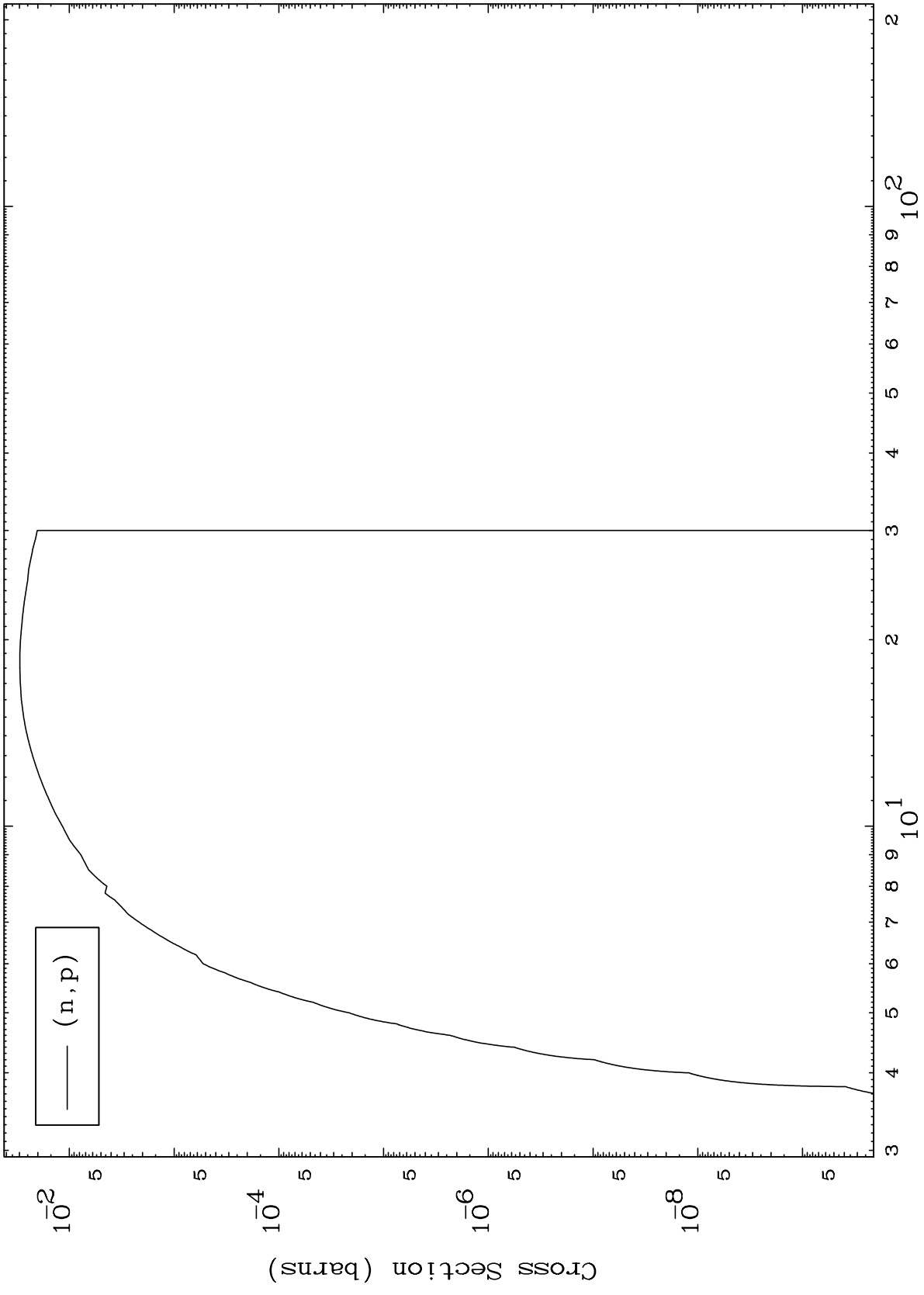
25-Mn-58



MAT 2534

(n,p) Levels
293 Kelvin Cross Sections

25-Mn-58



10

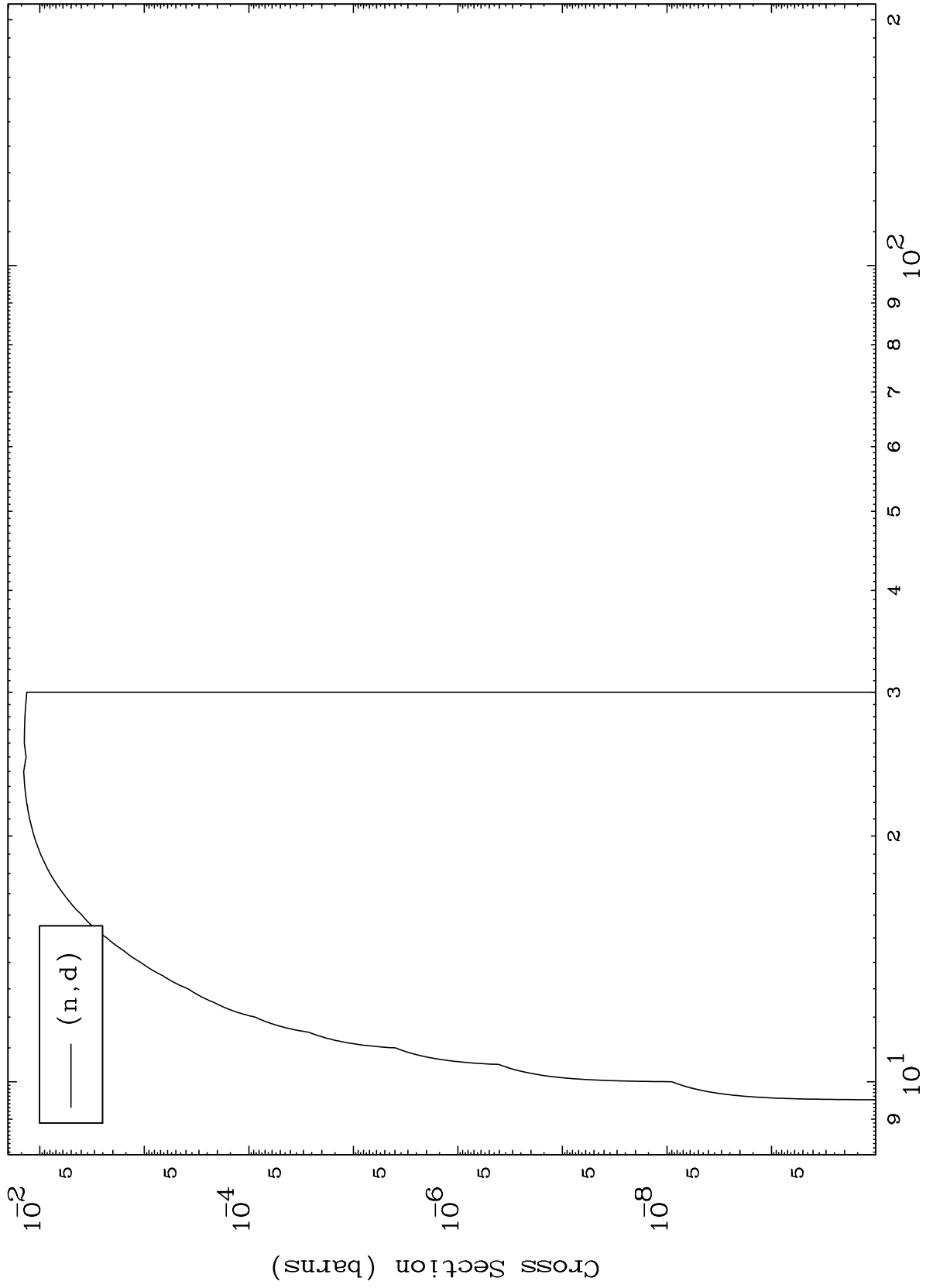
Incident Energy (MeV)

25-Mn-58

MAT 2534

(n,d) Levels
293 Kelvin Cross Sections

²⁵Mn-58



11

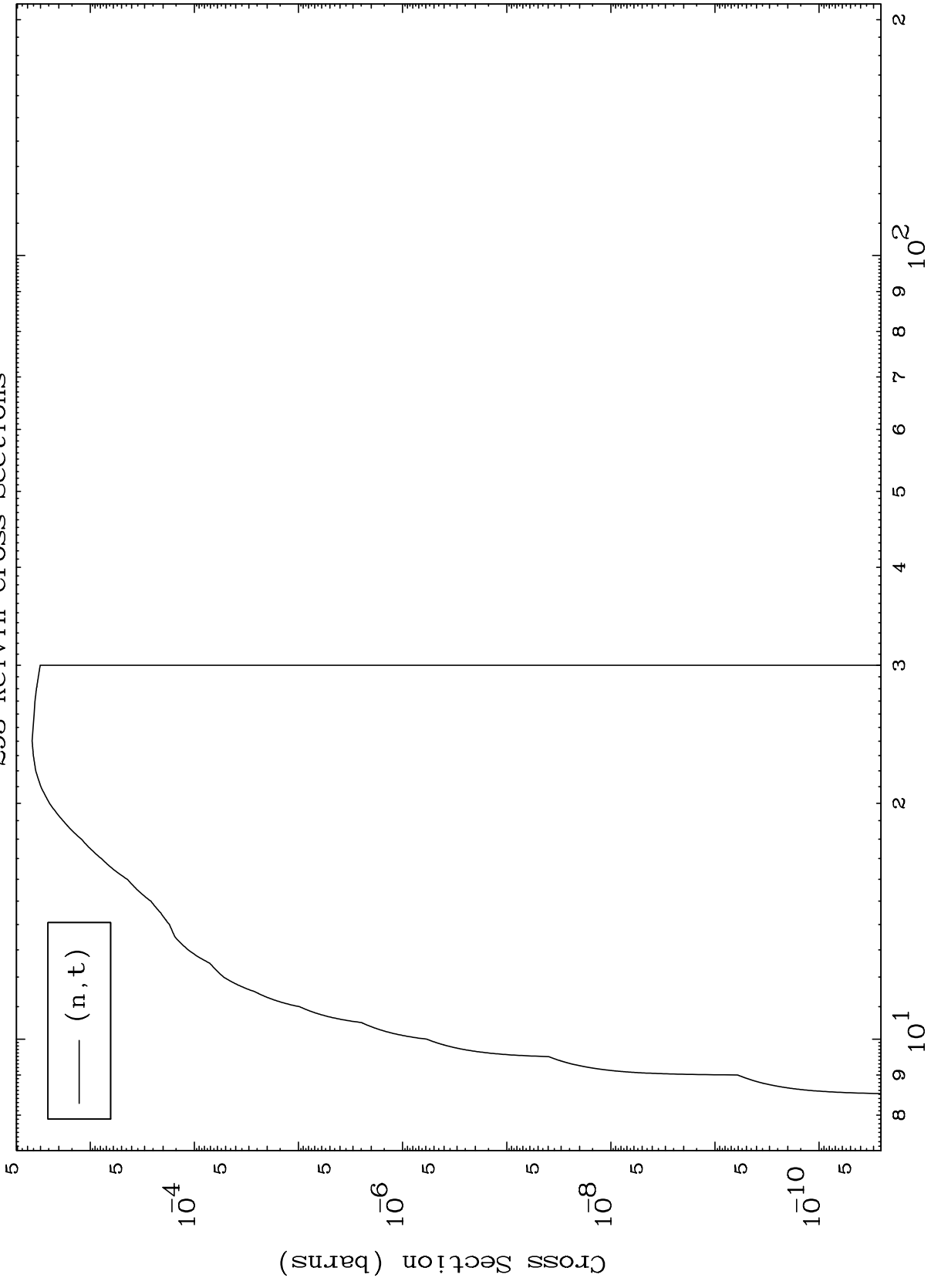
Incident Energy (MeV)

²⁵Mn-58

MAT 2534

(n,t) Levels
293 Kelvin Cross Sections

25-Mn-58



12

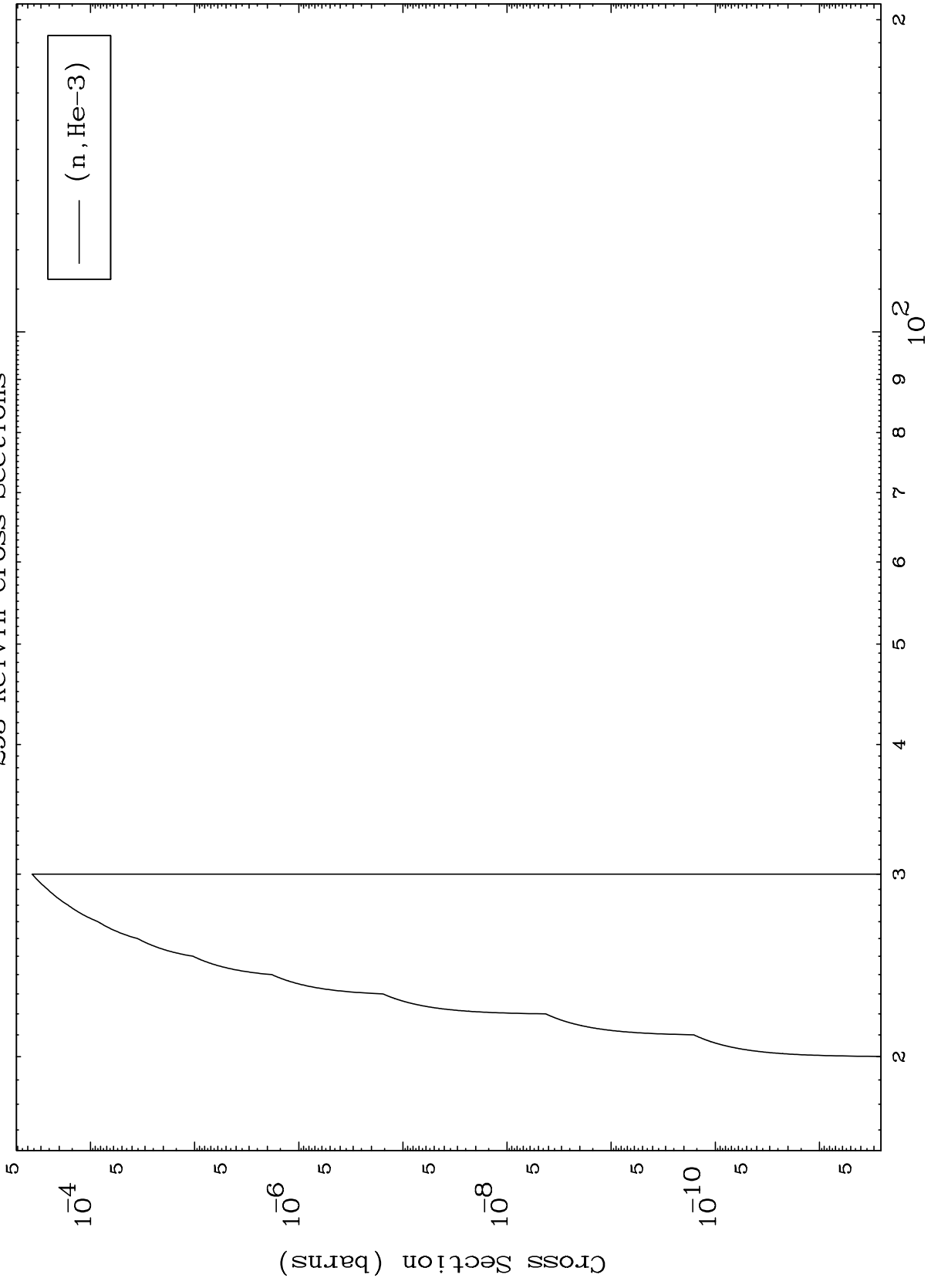
Incident Energy (MeV)

25-Mn-58

MAT 2534

(n,He3) Levels
293 Kelvin Cross Sections

25-Mn-58



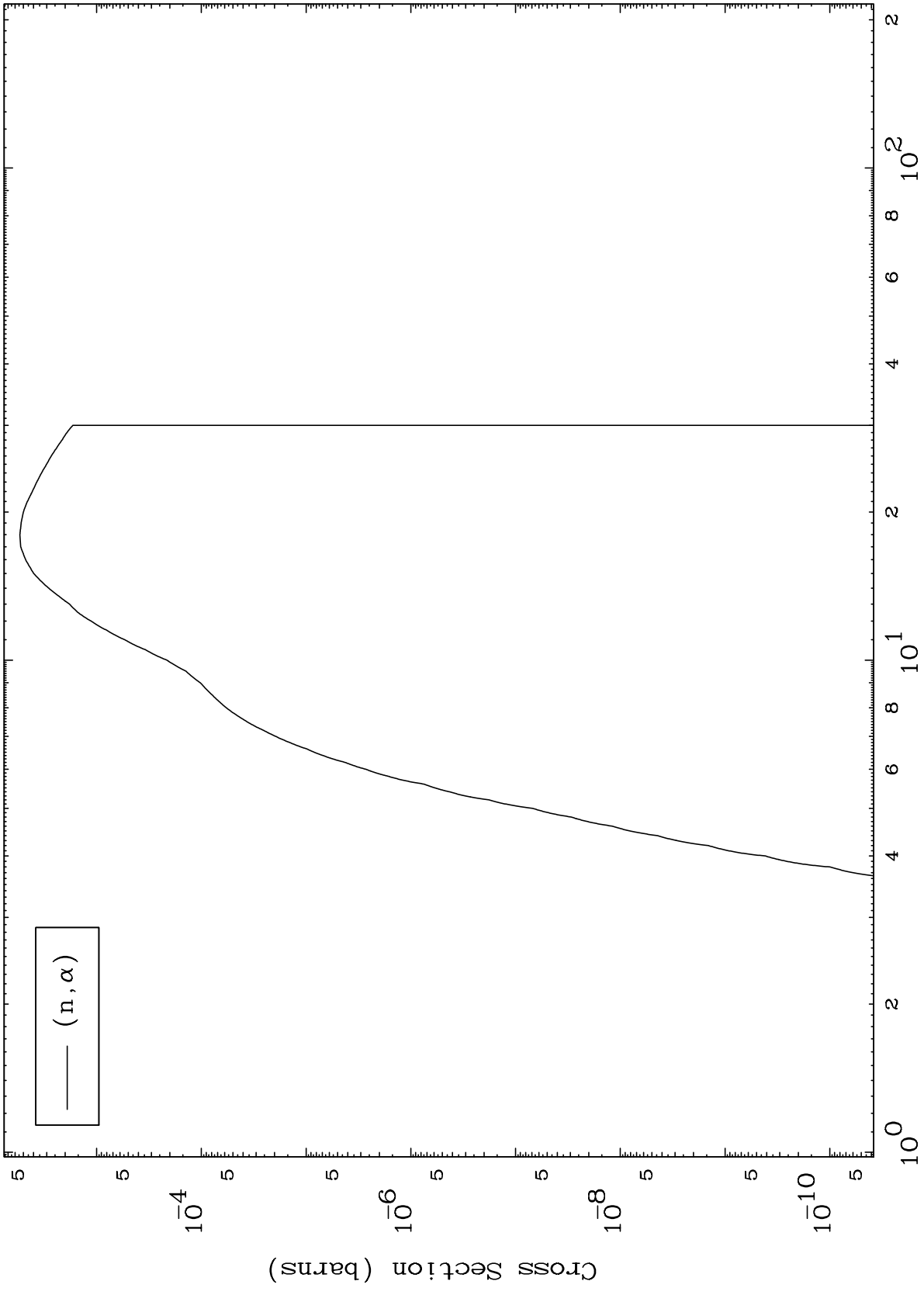
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25-Mn-58

MAT 2534

(n,α) Levels
293 Kelvin Cross Sections

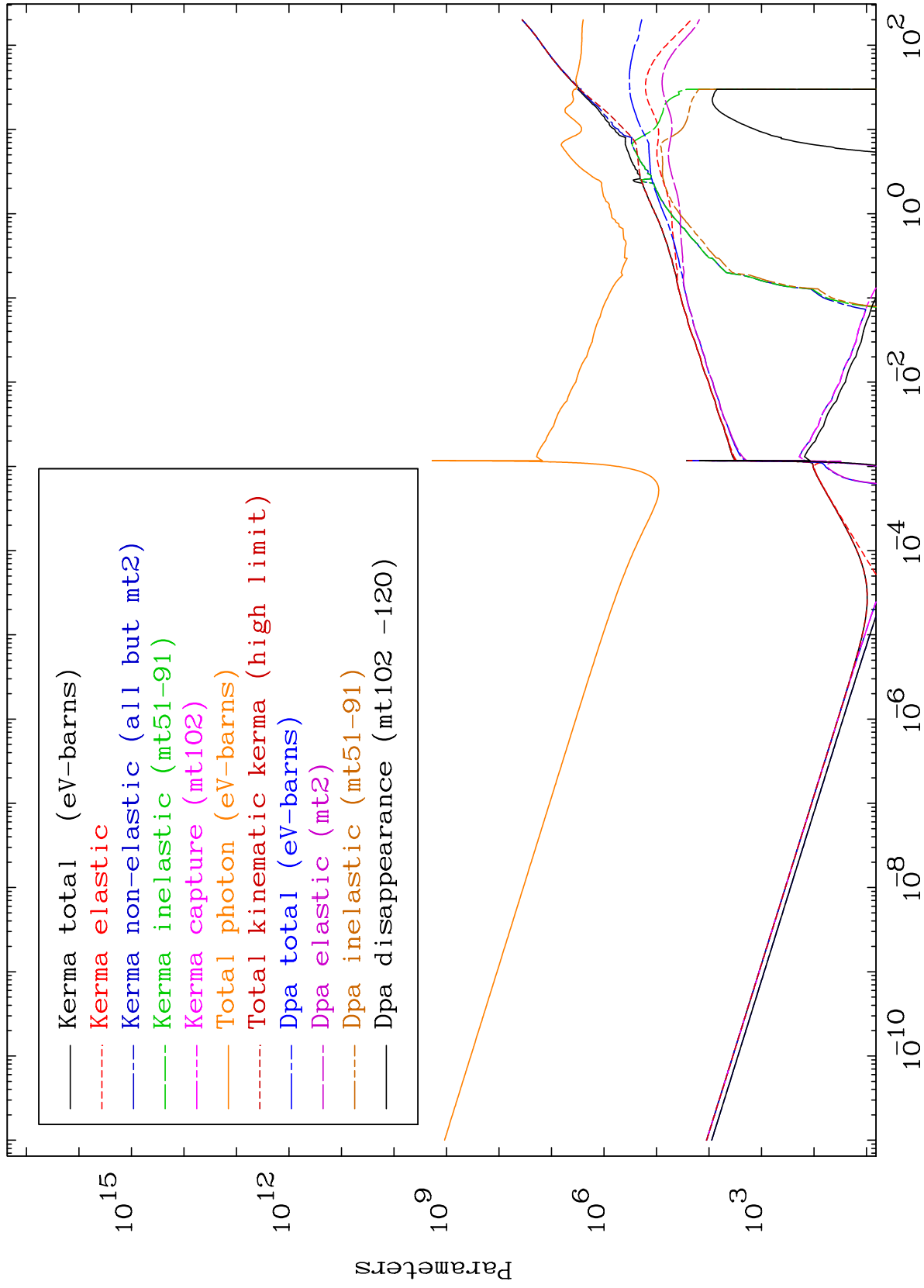
25-Mn-58



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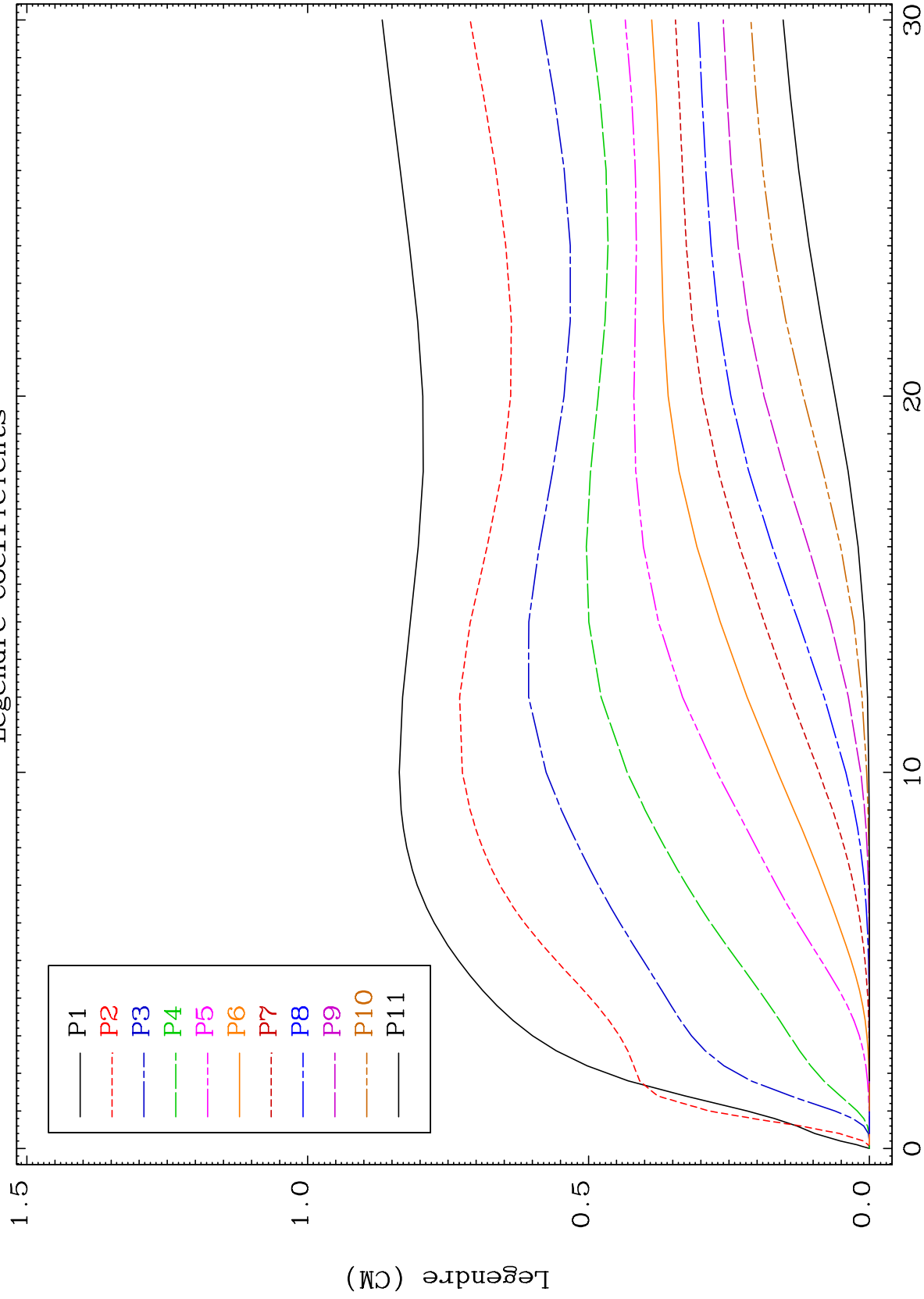
25-Mn-58



MAT 2534

Elastic Legendre Coefficients

25-Mn-58



16

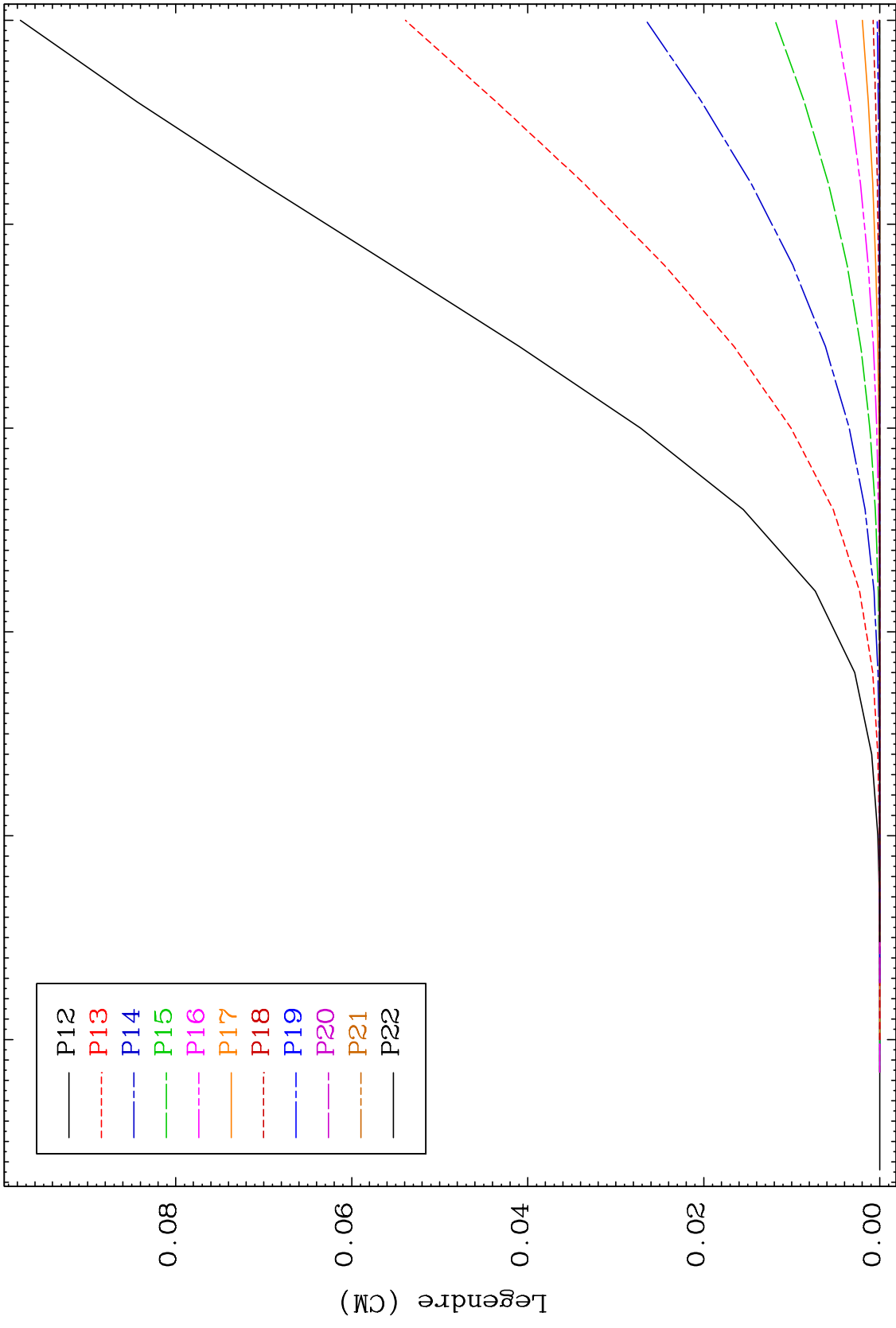
Incident Energy (MeV)

25-Mn-58

MAT 2534

Elastic Legendre Coefficients

²⁵Mn-58



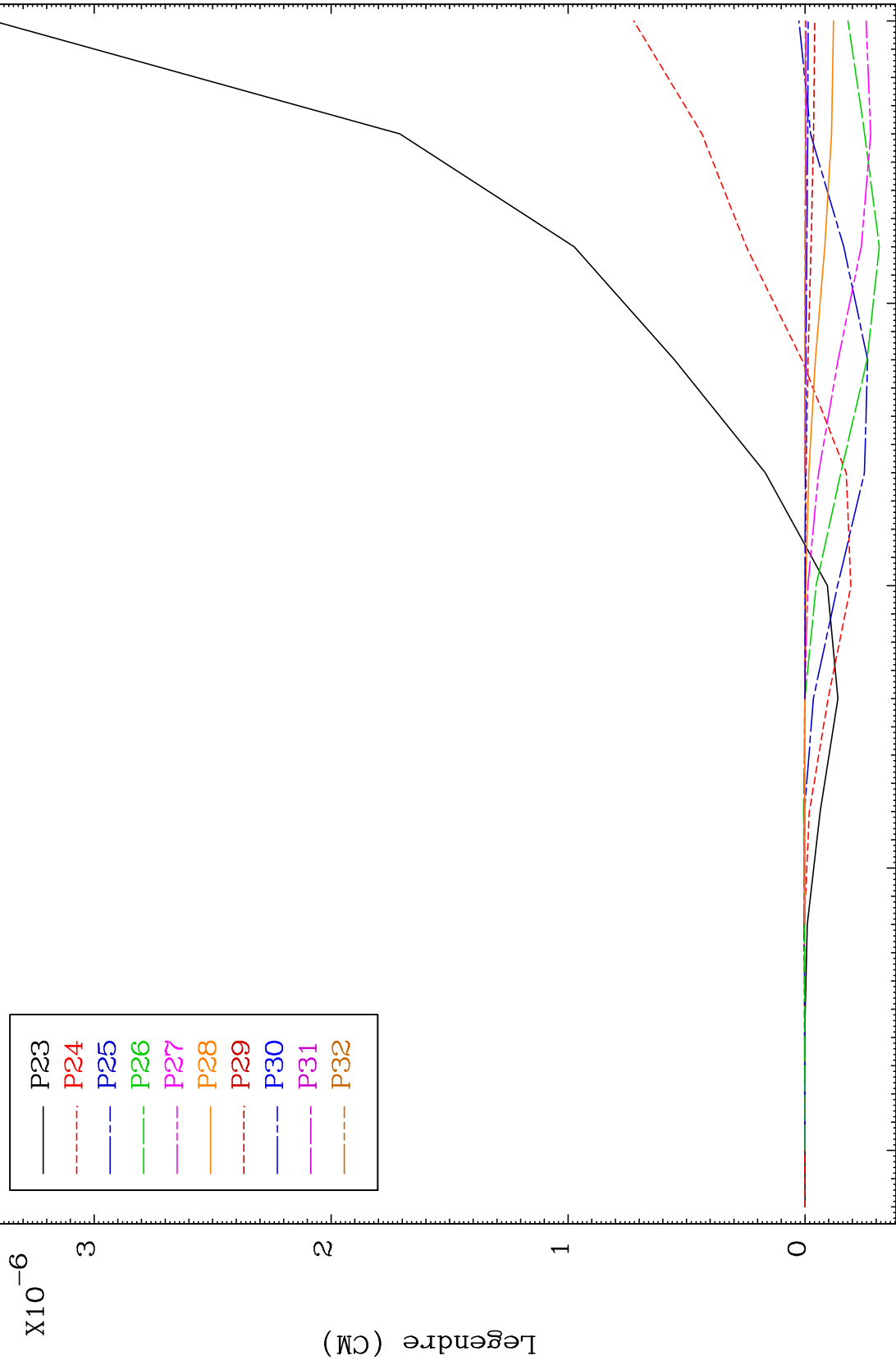
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²⁵Mn-58

MAT 2534

Elastic Legendre Coefficients

25-Mn-58



18

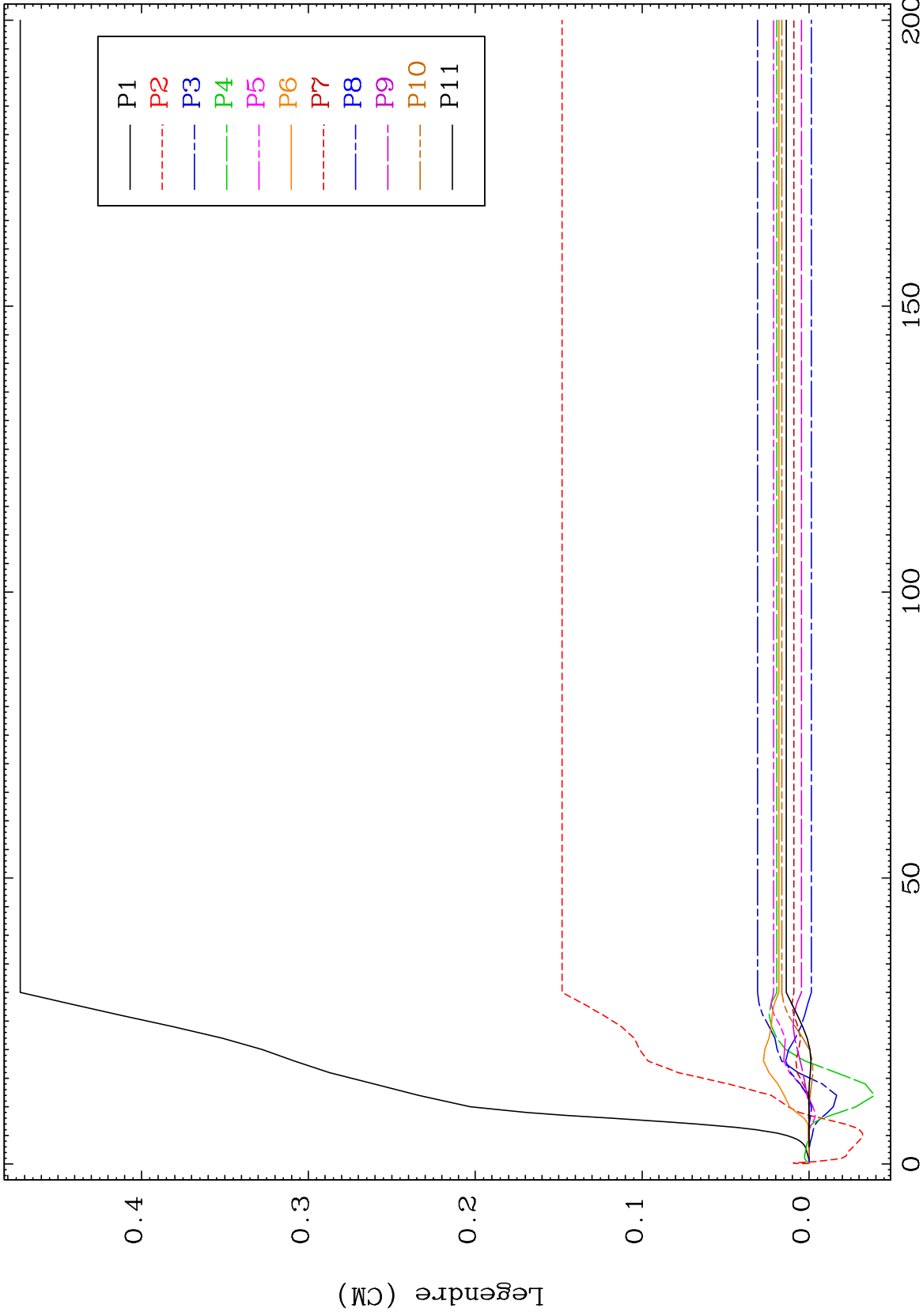
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



19

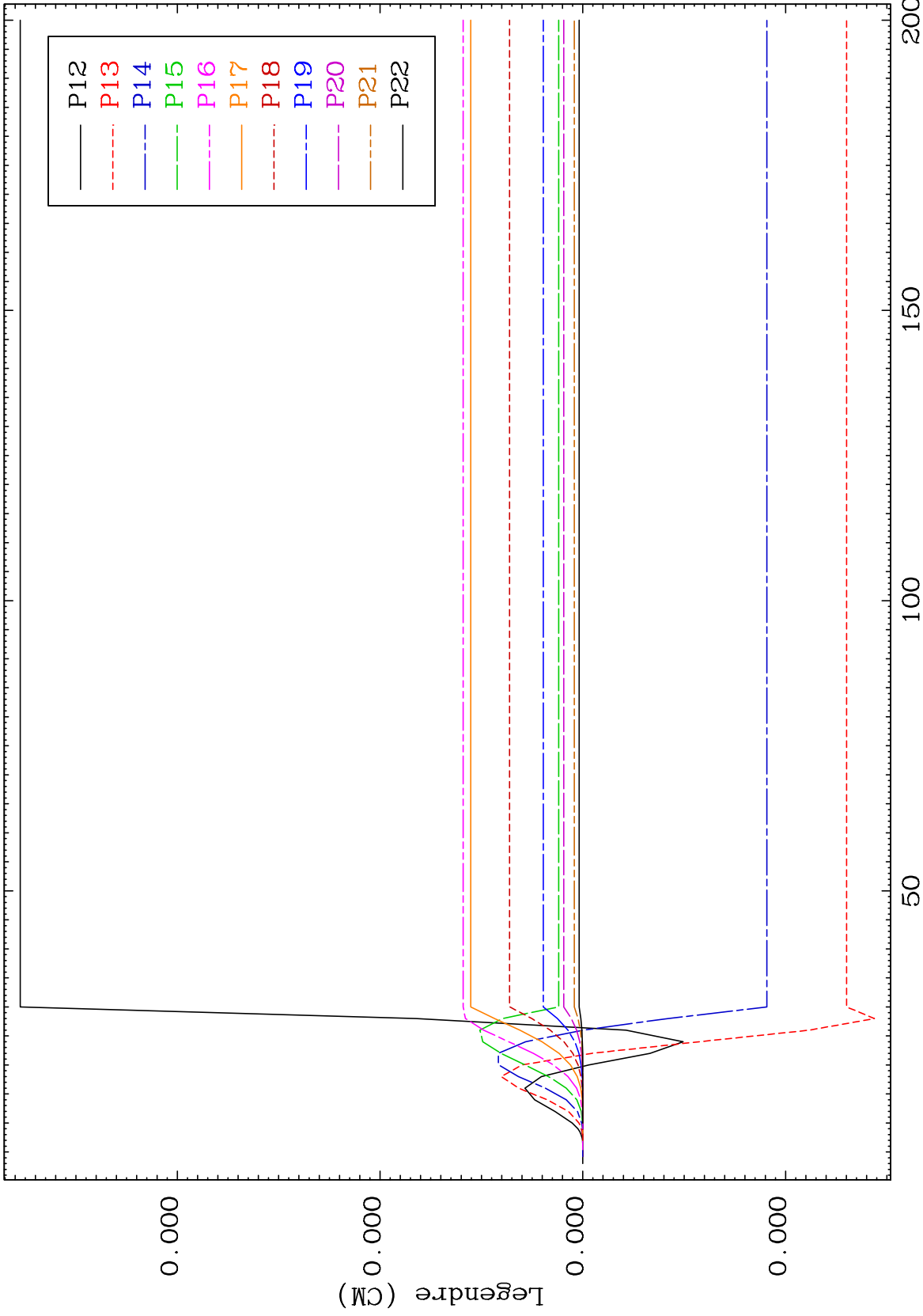
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



20

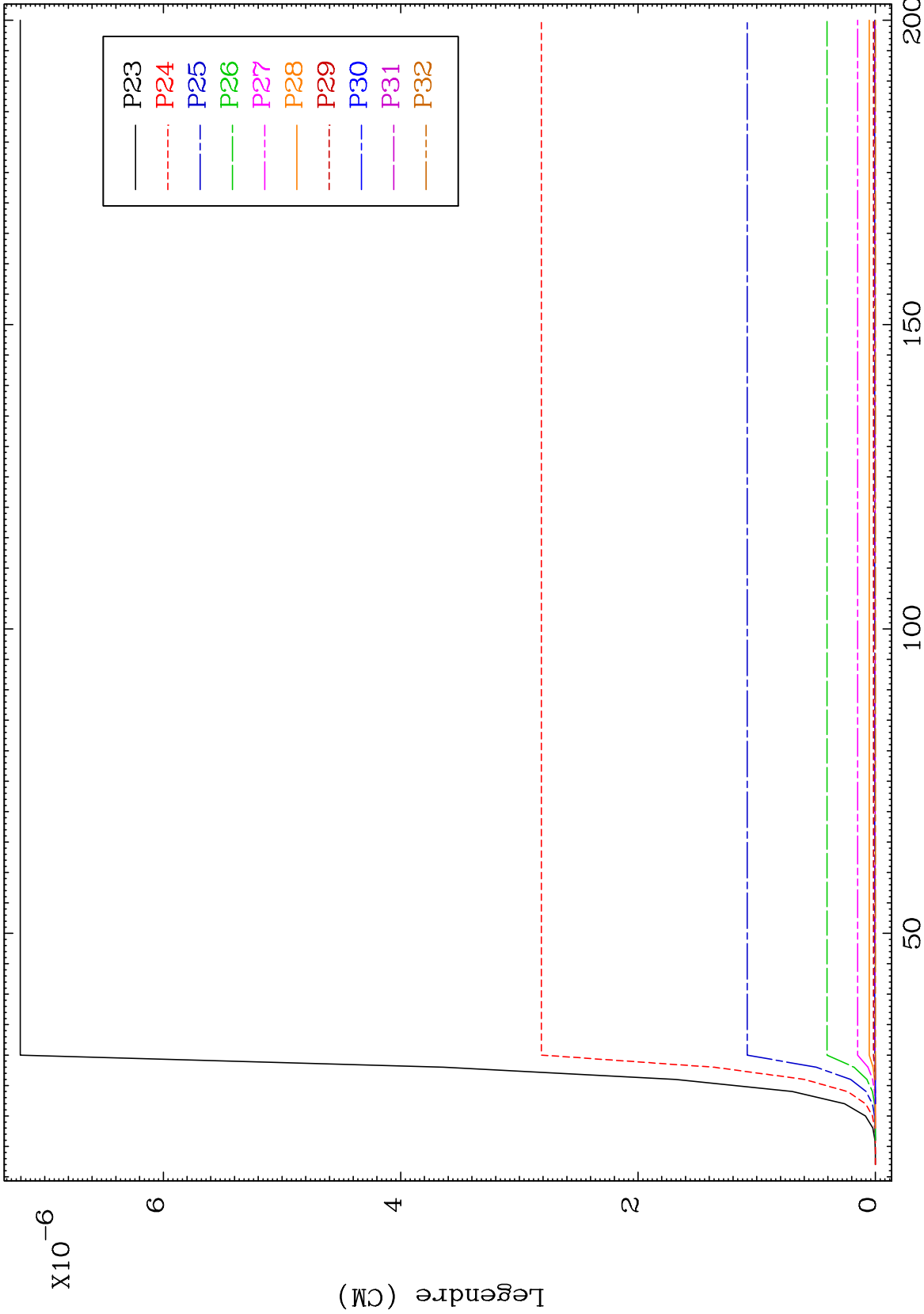
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



21

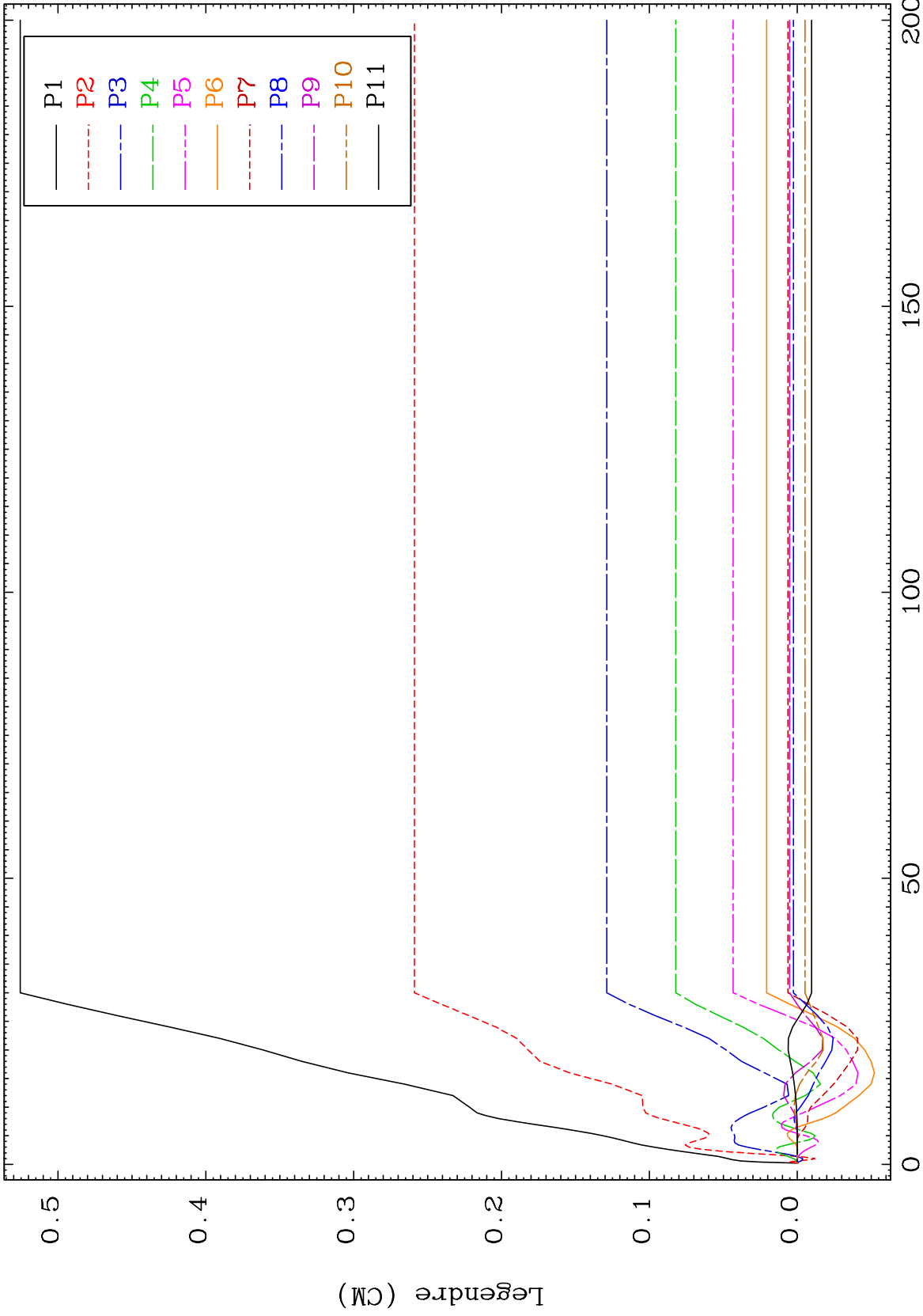
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



22

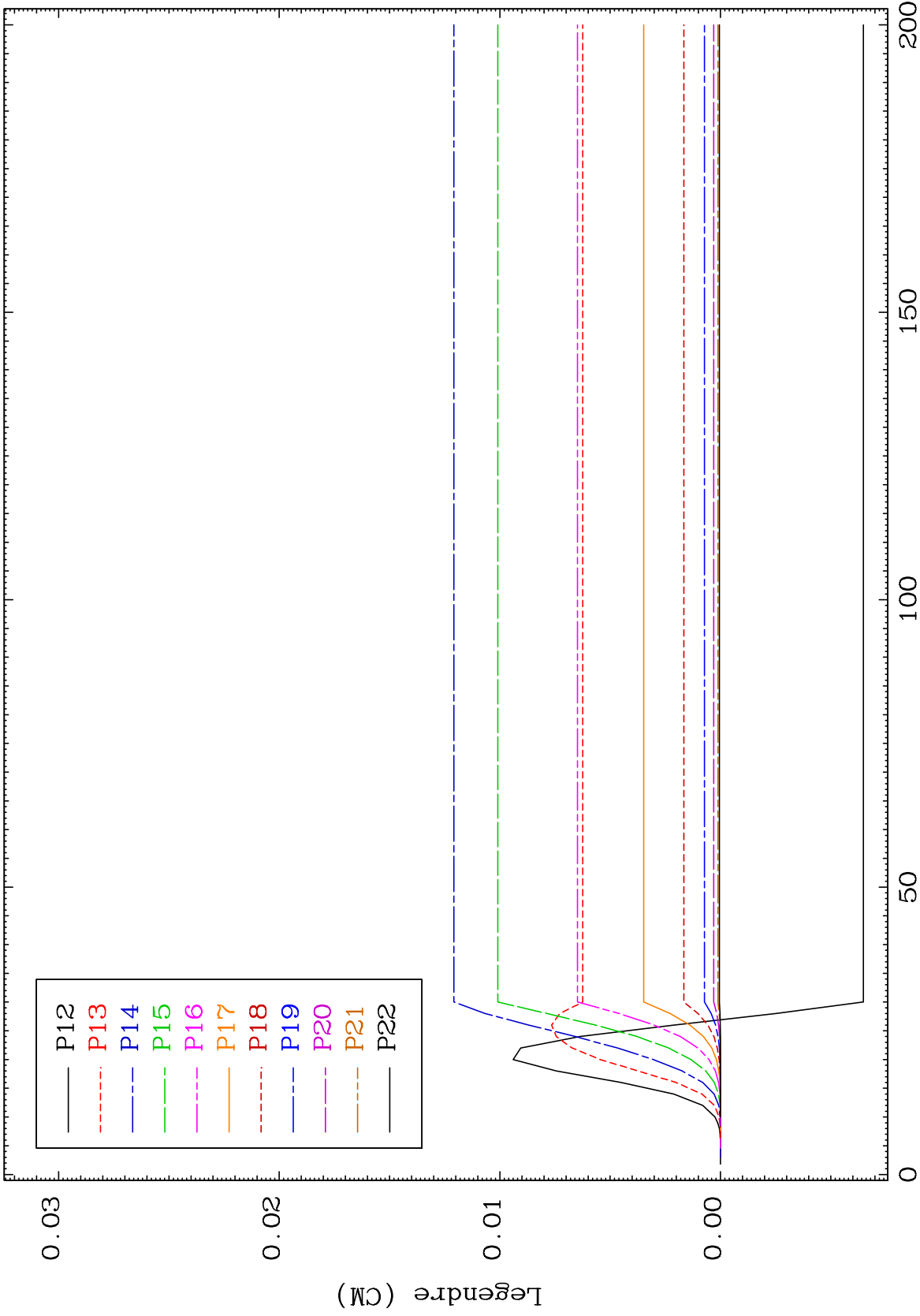
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



23

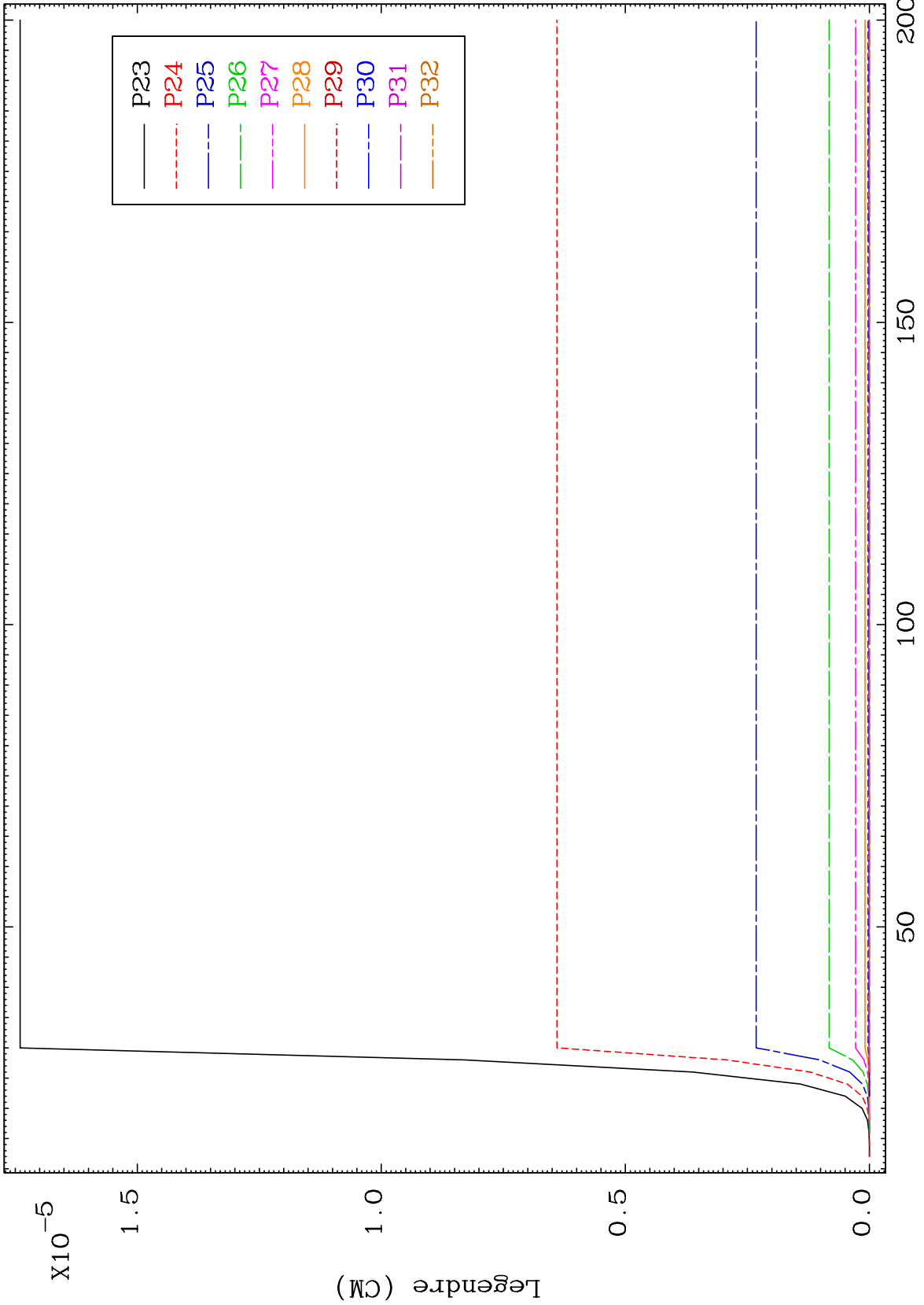
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



24

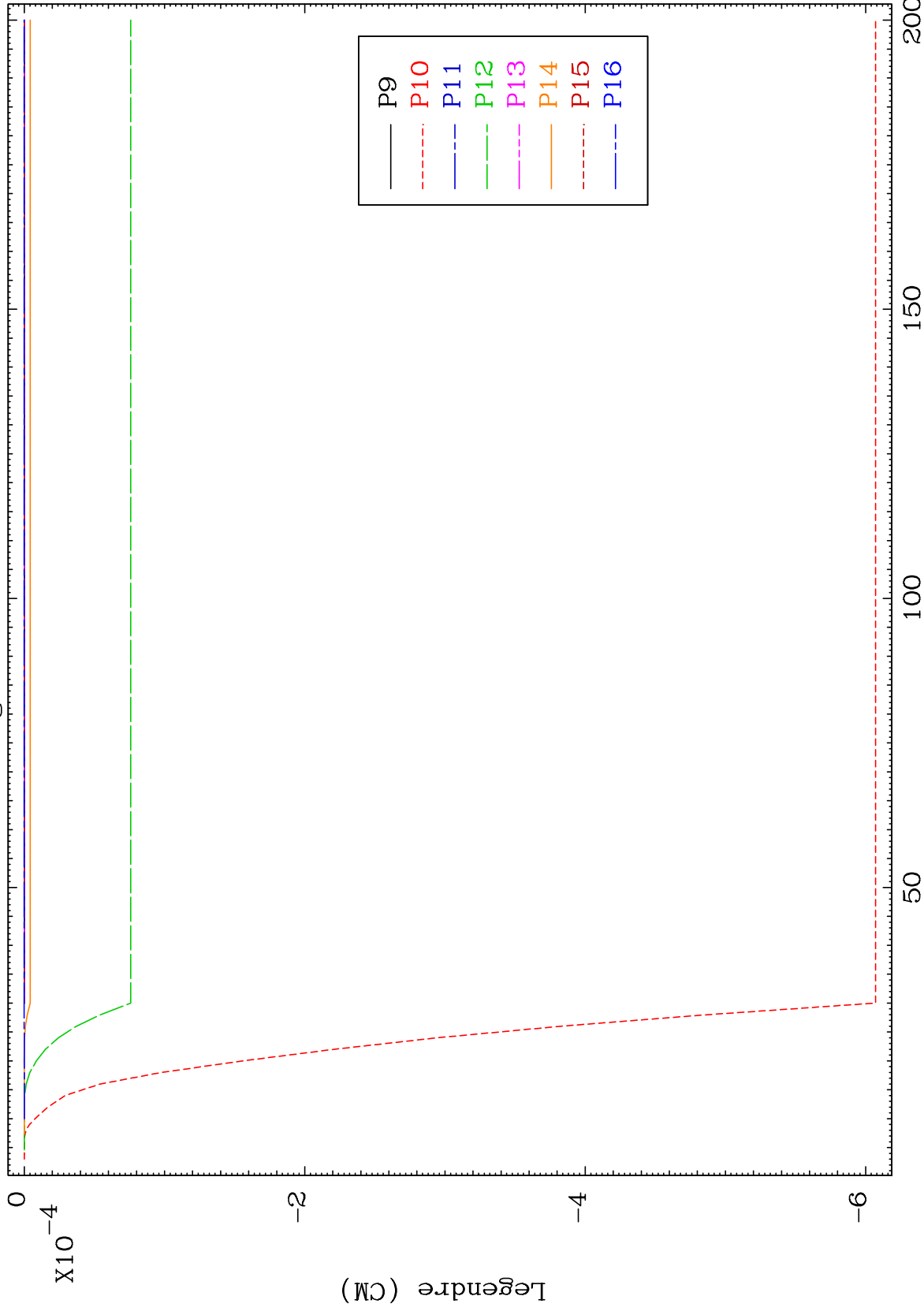
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58

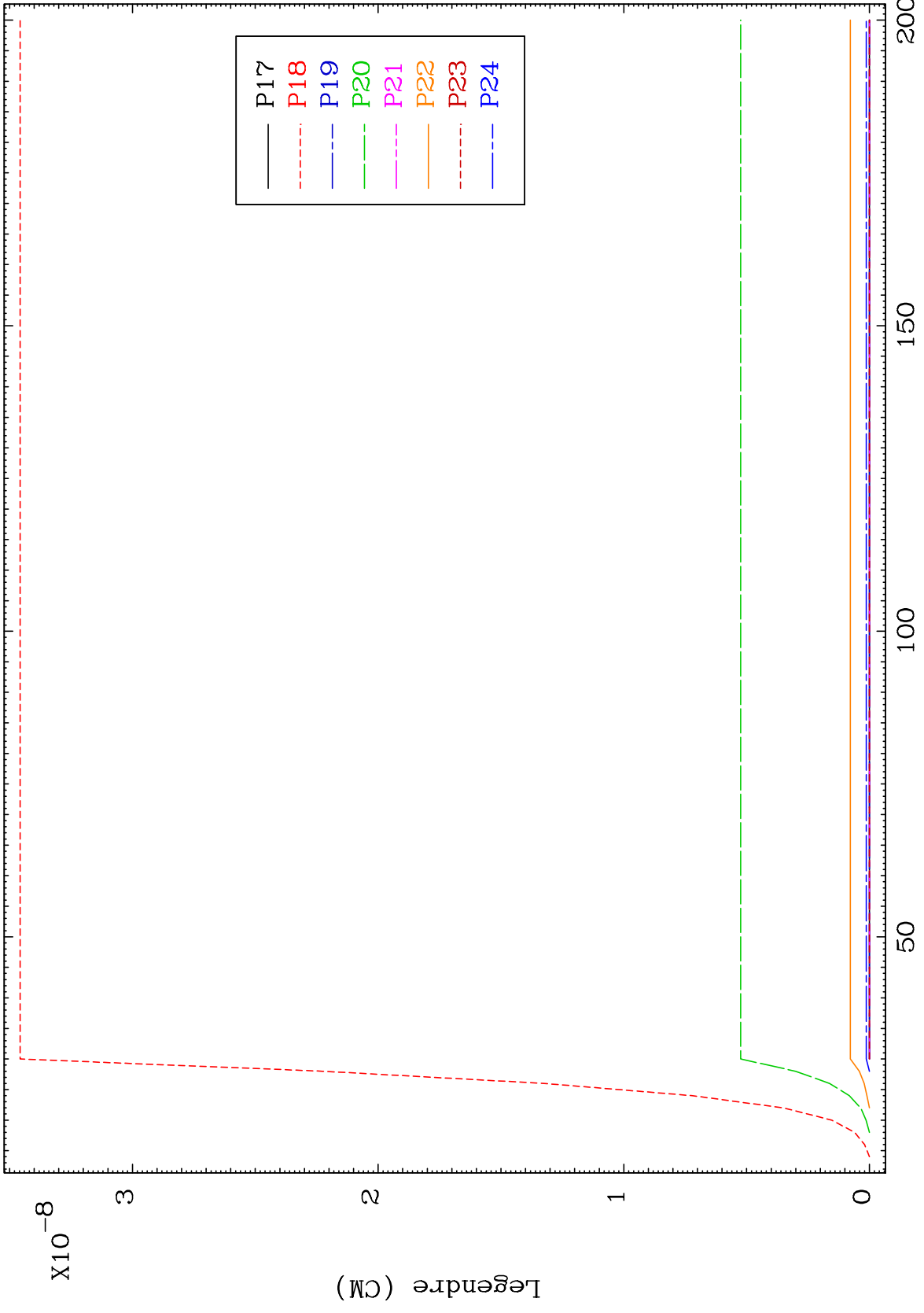


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Incident Energy (MeV)

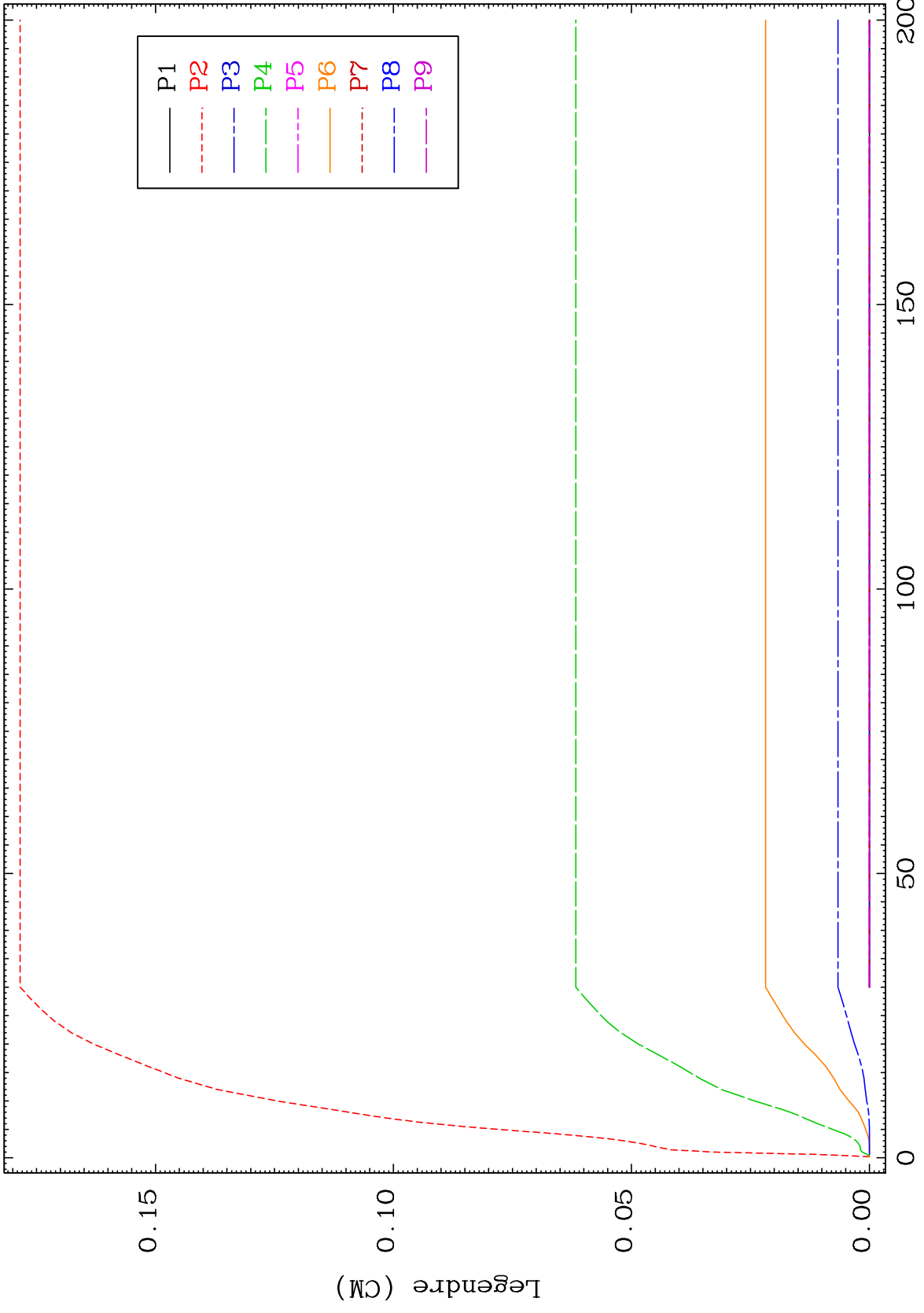
25-Mn-58

MAT 2534 MT= 53 (n,n') Level Legendre Coefficients 25-Mn-58



27 50 100 150 200 25-Mn-58

MAT 2534 MT= 54 (n,n') Level Legendre Coefficients 25-Mn-58

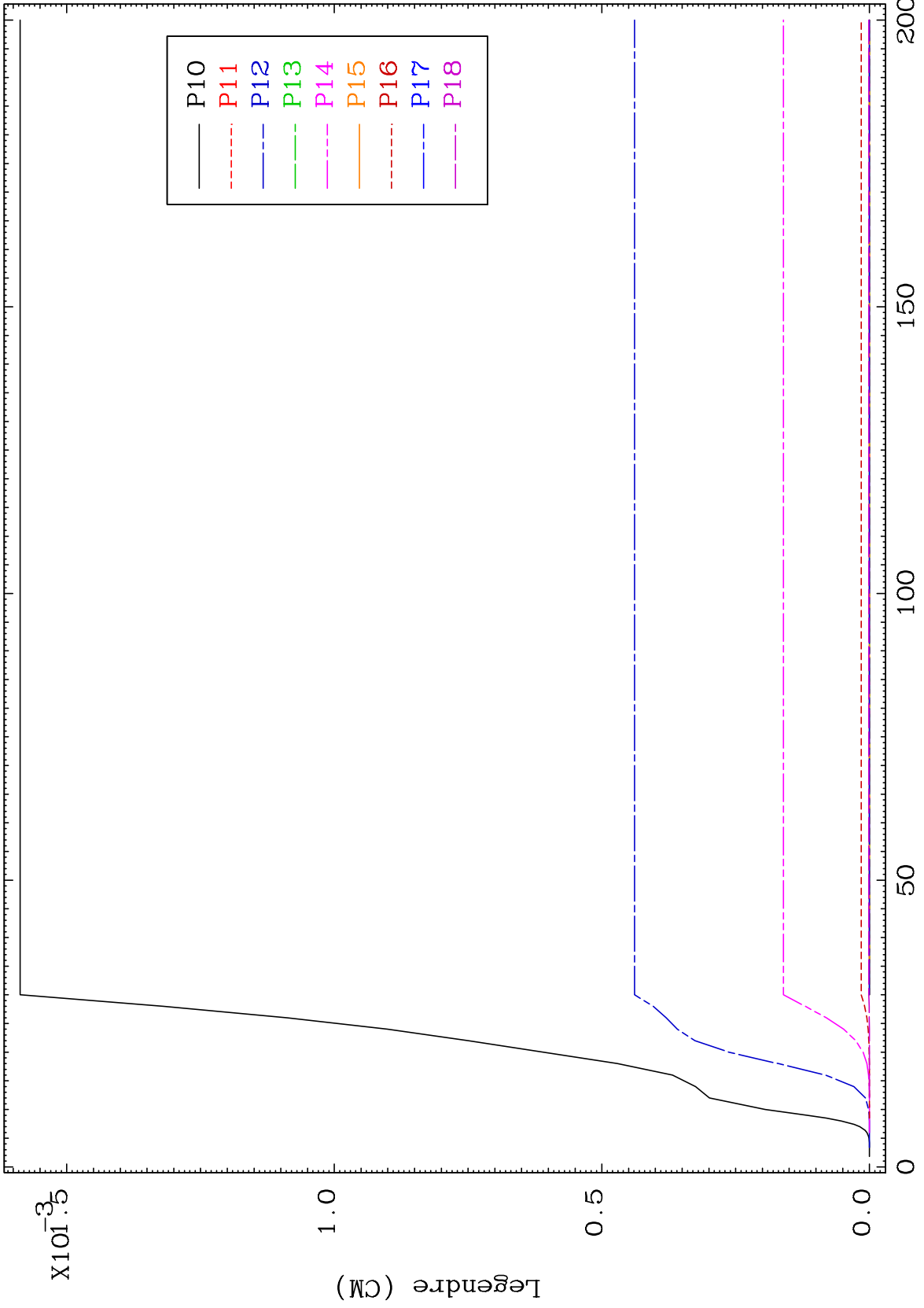


25-Mn-58

MAT 2534

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

25-Mn-58

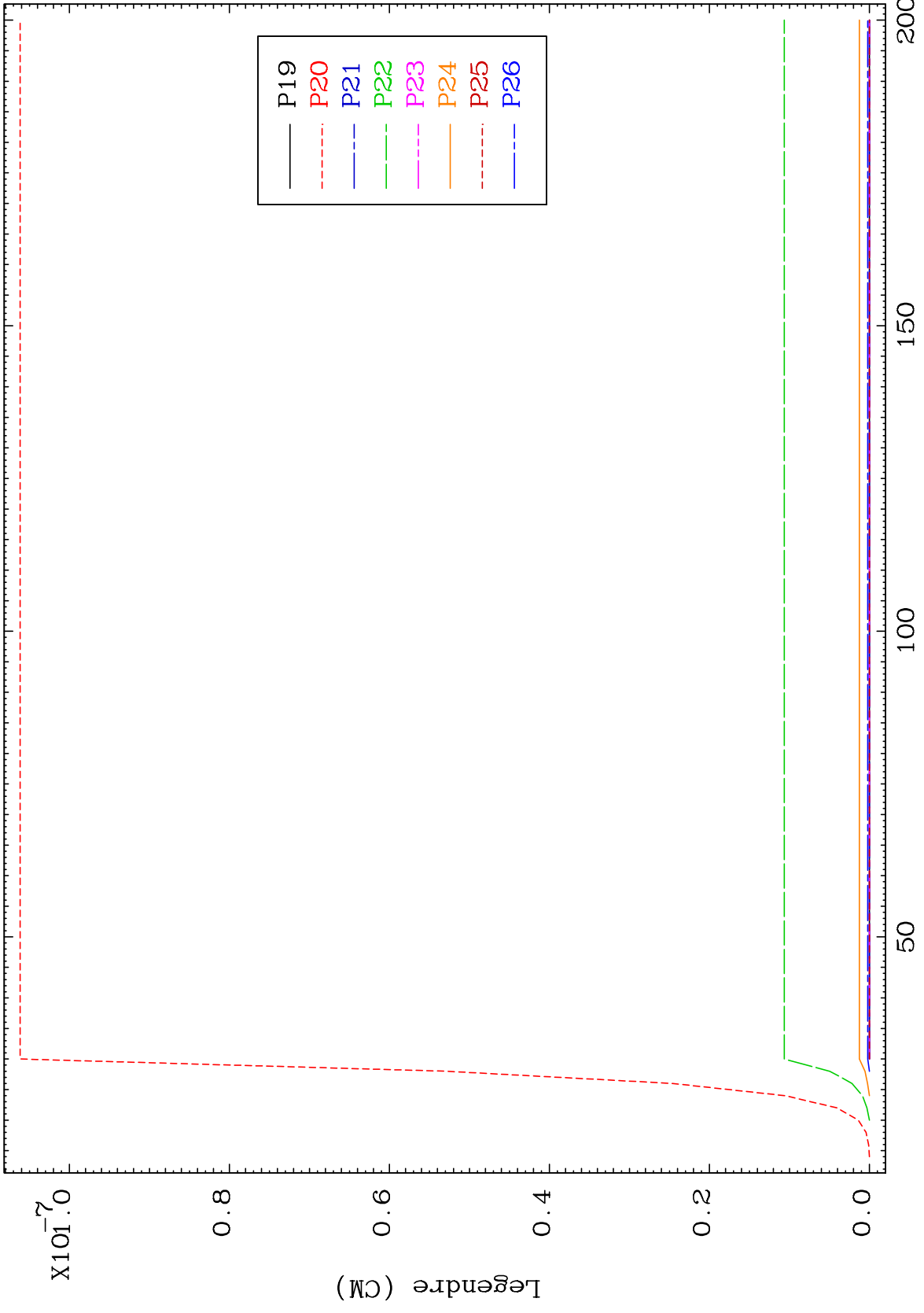


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Incident Energy (MeV)

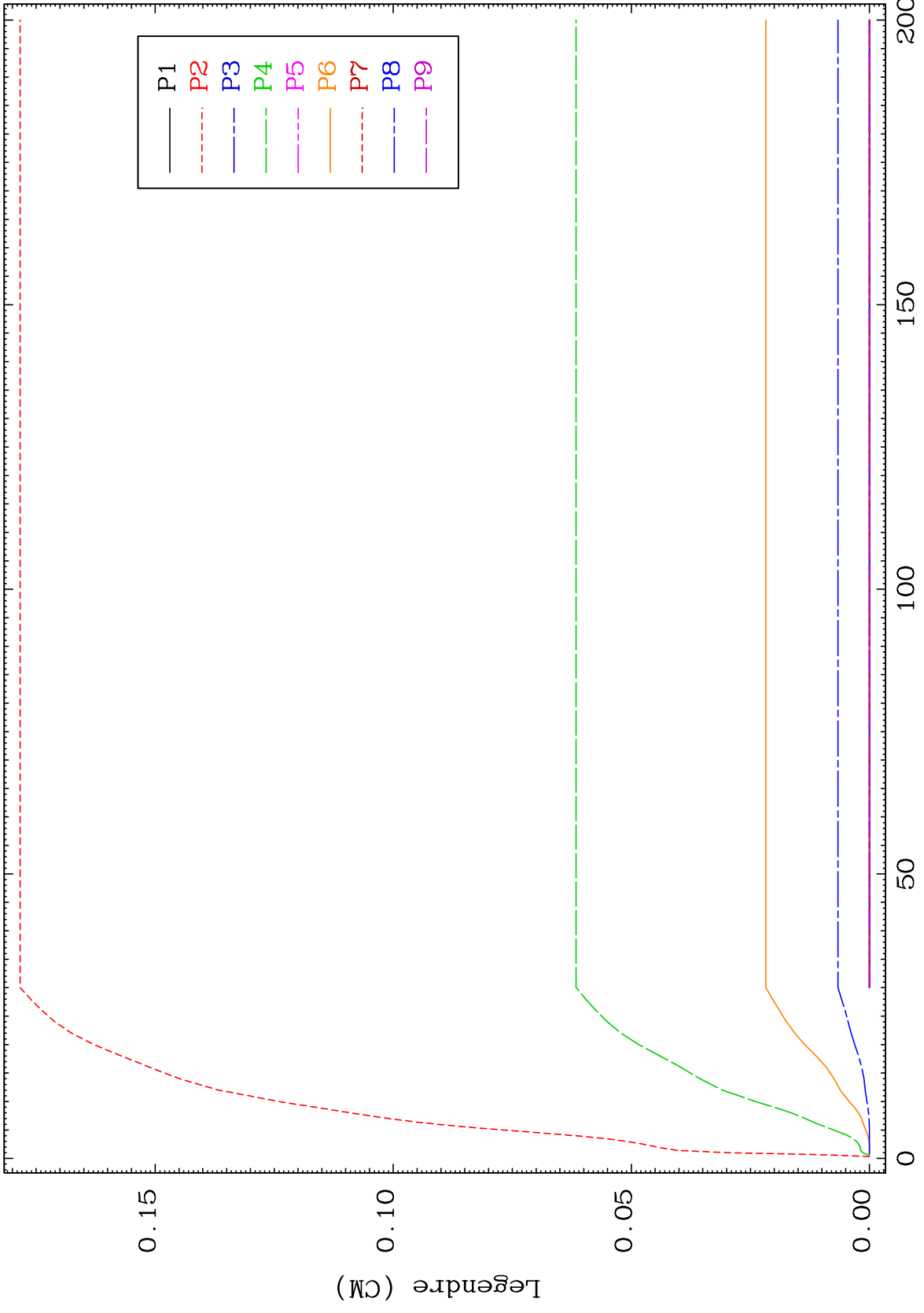
25-Mn-58

MAT 2534 MT= 54 (n,n') Level Legendre Coefficients 25-Mn-58



30 50 100 150 200 25-Mn-58

MAT 2534 MT= 55 (n,n') Level Legendre Coefficients 25-Mn-58

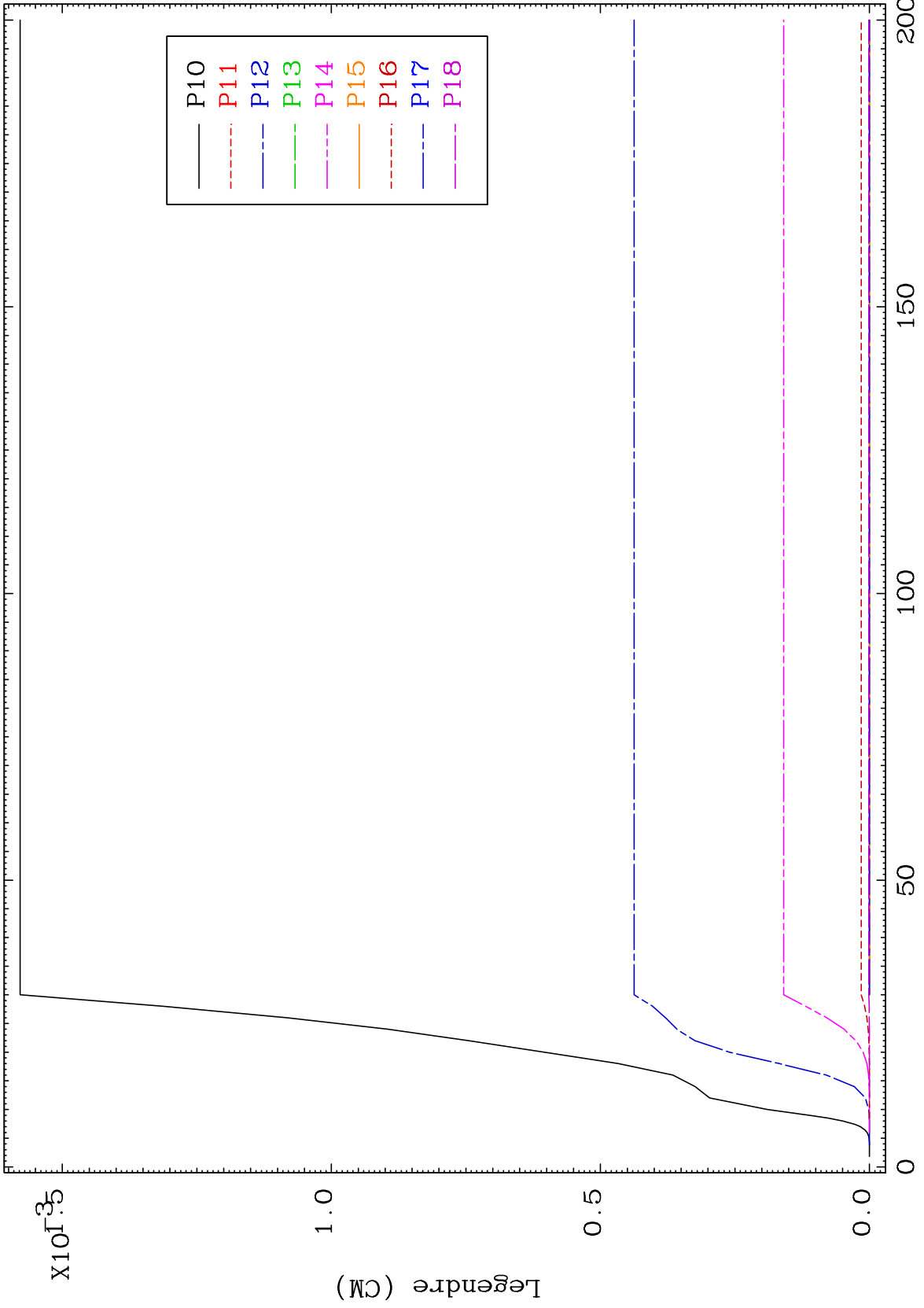


31 25-Mn-58

MAT 2534

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

25-Mn-58

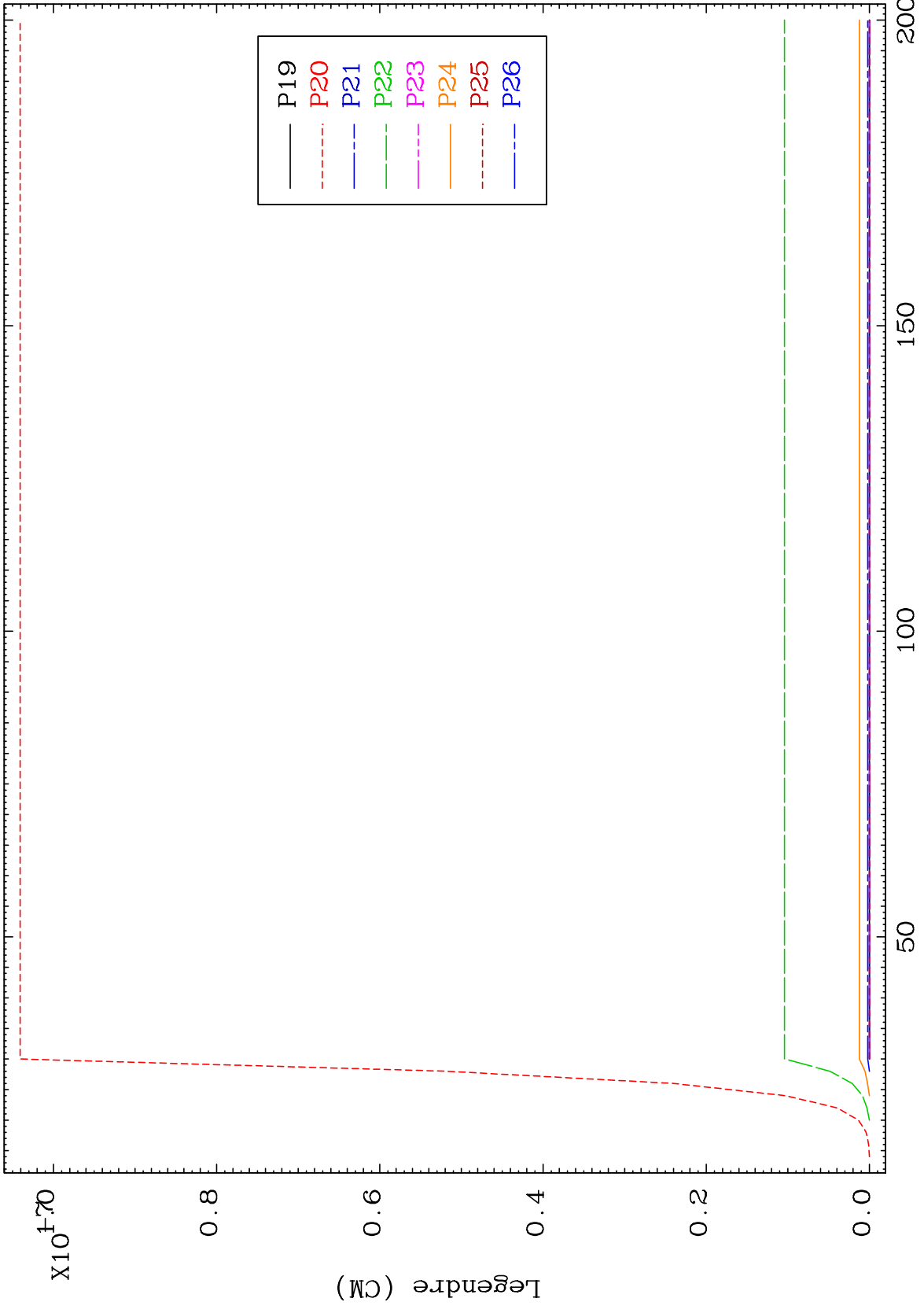


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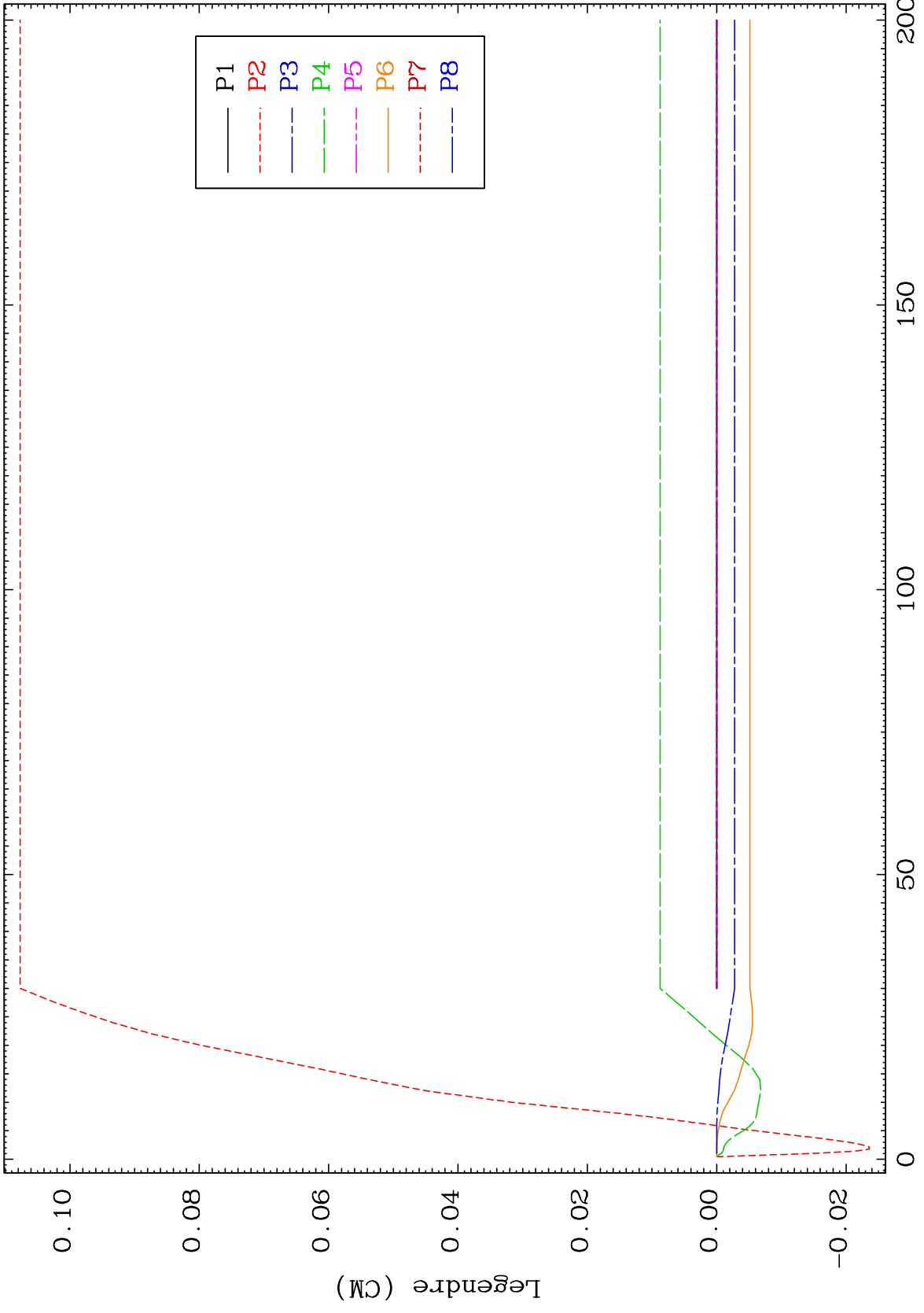
Incident Energy (MeV)

25-Mn-58

MAT 2534 MT= 55 (n,n') Level Legendre Coefficients 25-Mn-58

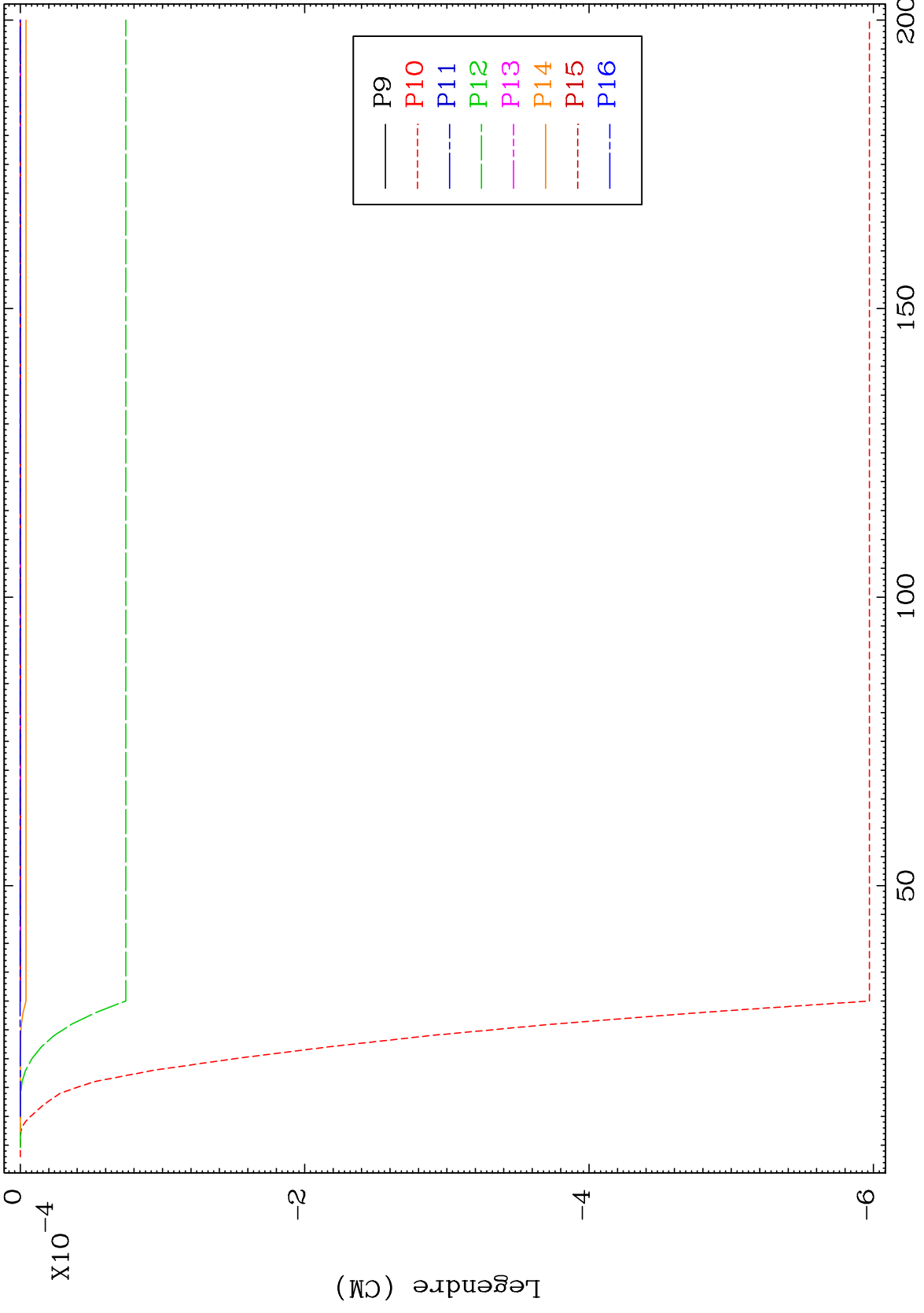


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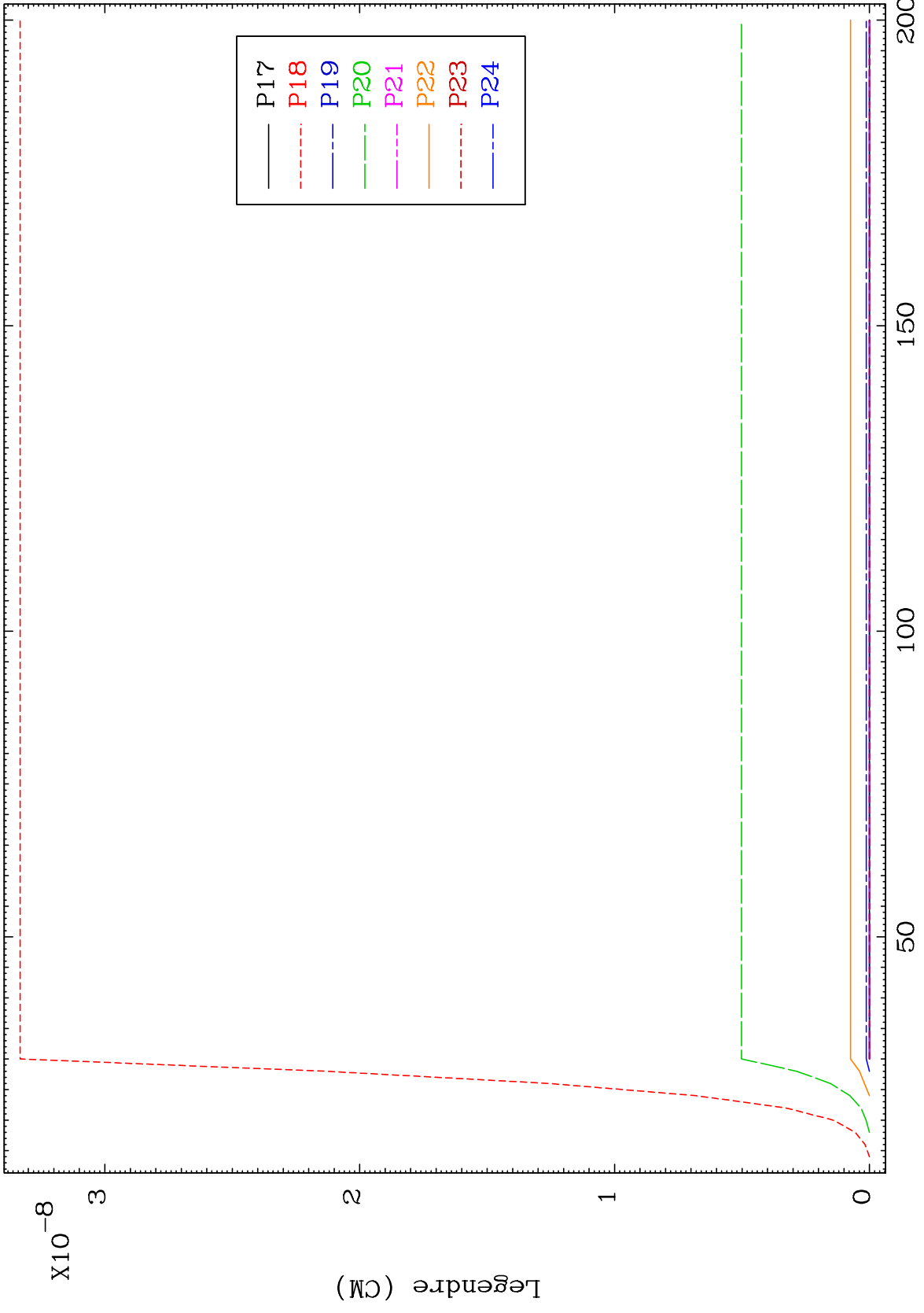
34 25-Mn-58

MAT 2534 MT= 56 (n,n') Level Legendre Coefficients 25-Mn-58



35 Incident Energy (MeV) 200 25-Mn-58

MAT 2534 MT= 56 (n,n') Level Legendre Coefficients 25-Mn-58

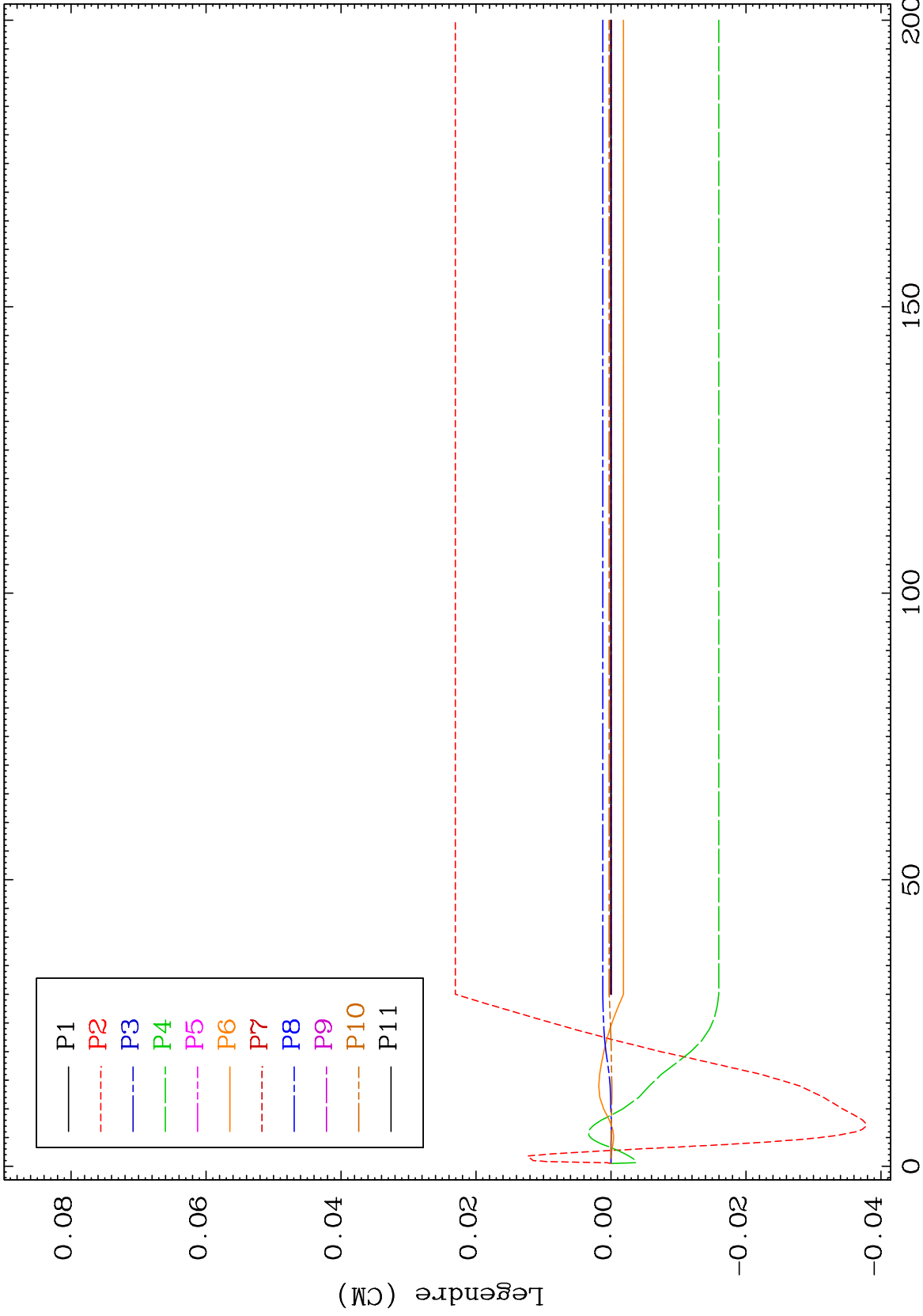


36 50 100 150 200 25-Mn-58

MAT 2534

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

25-Mn-58

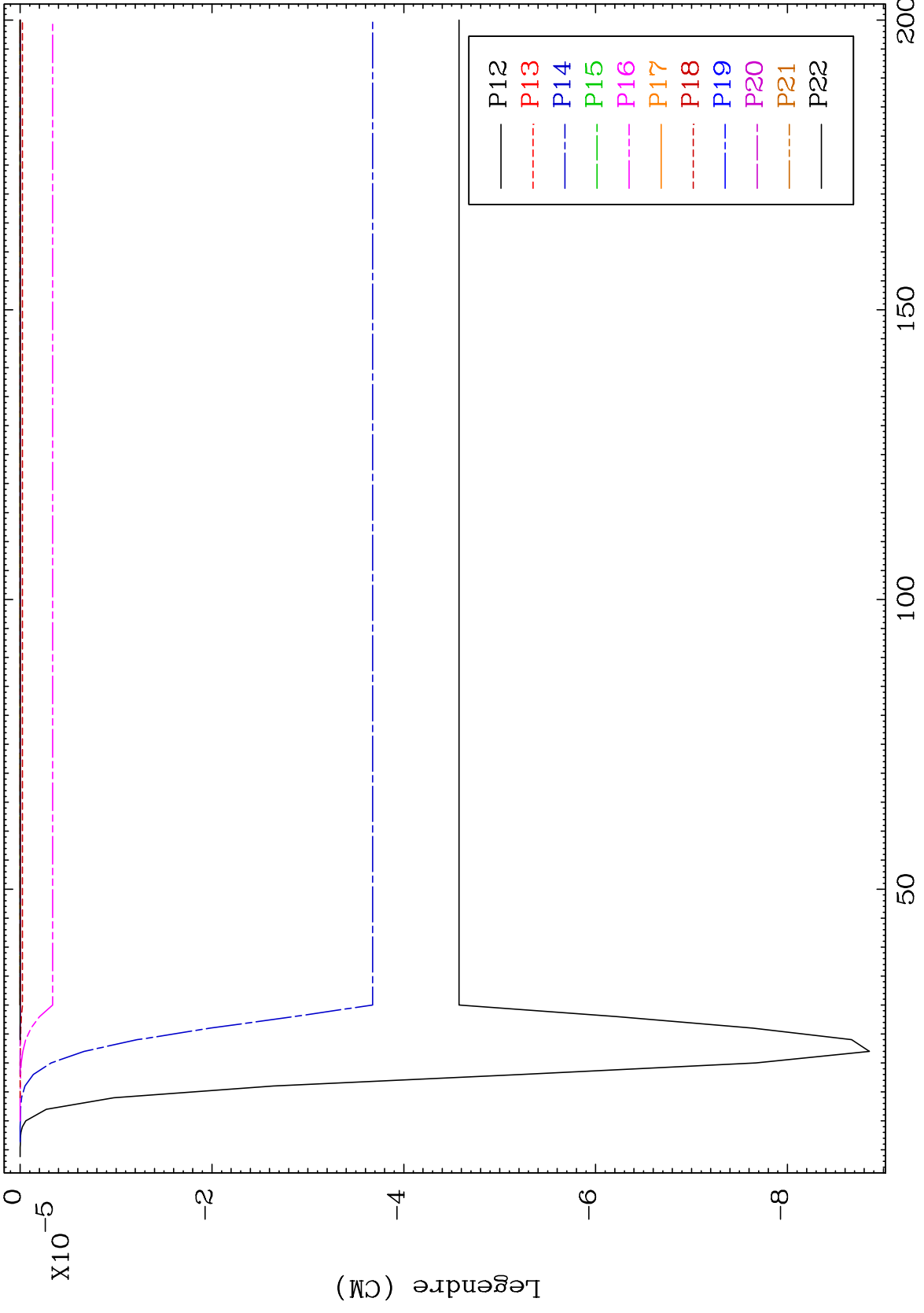


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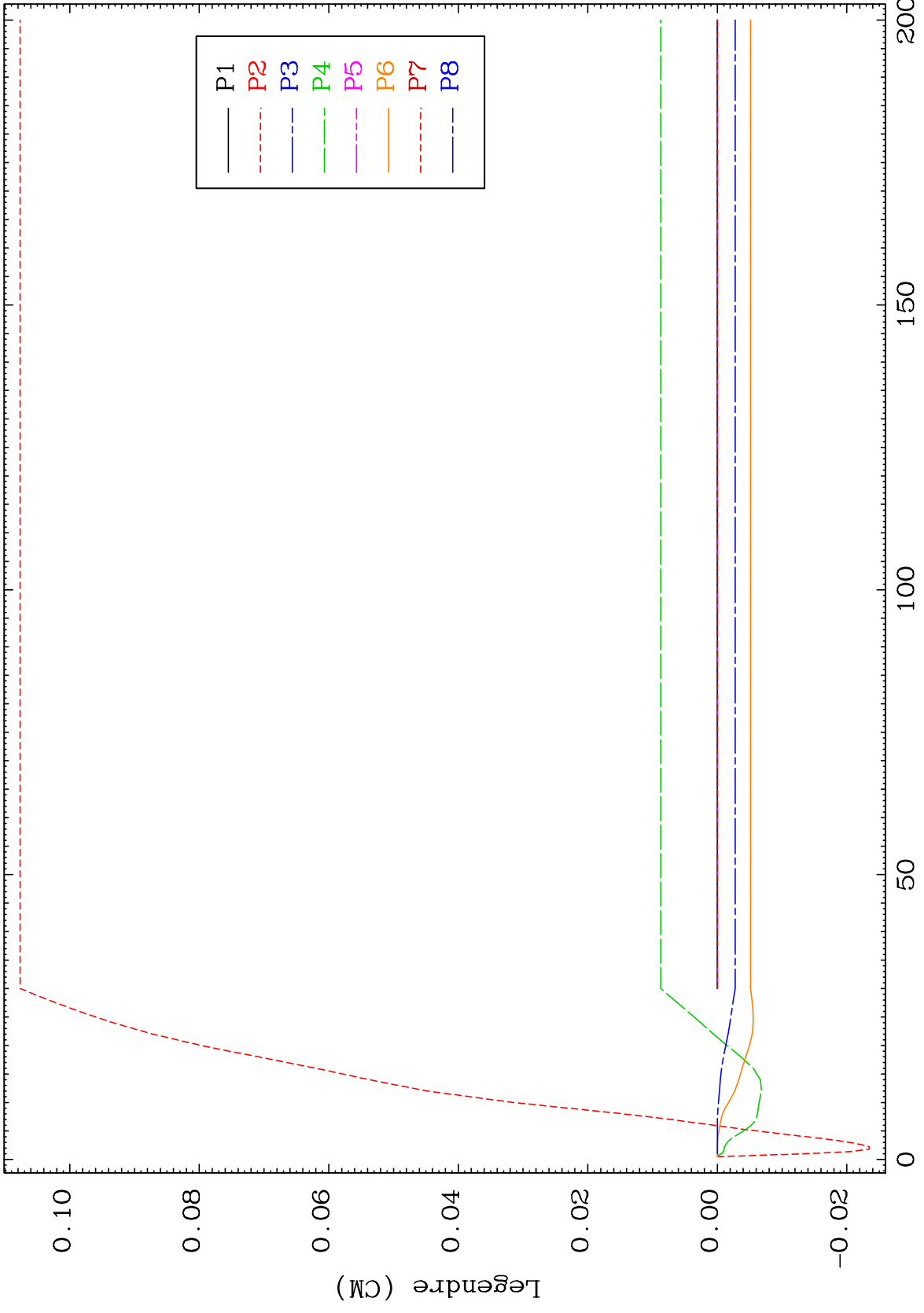
Incident Energy (MeV)

25-Mn-58

MAT 2534 MT= 57 (n,n') Level Legendre Coefficients 25-Mn-58

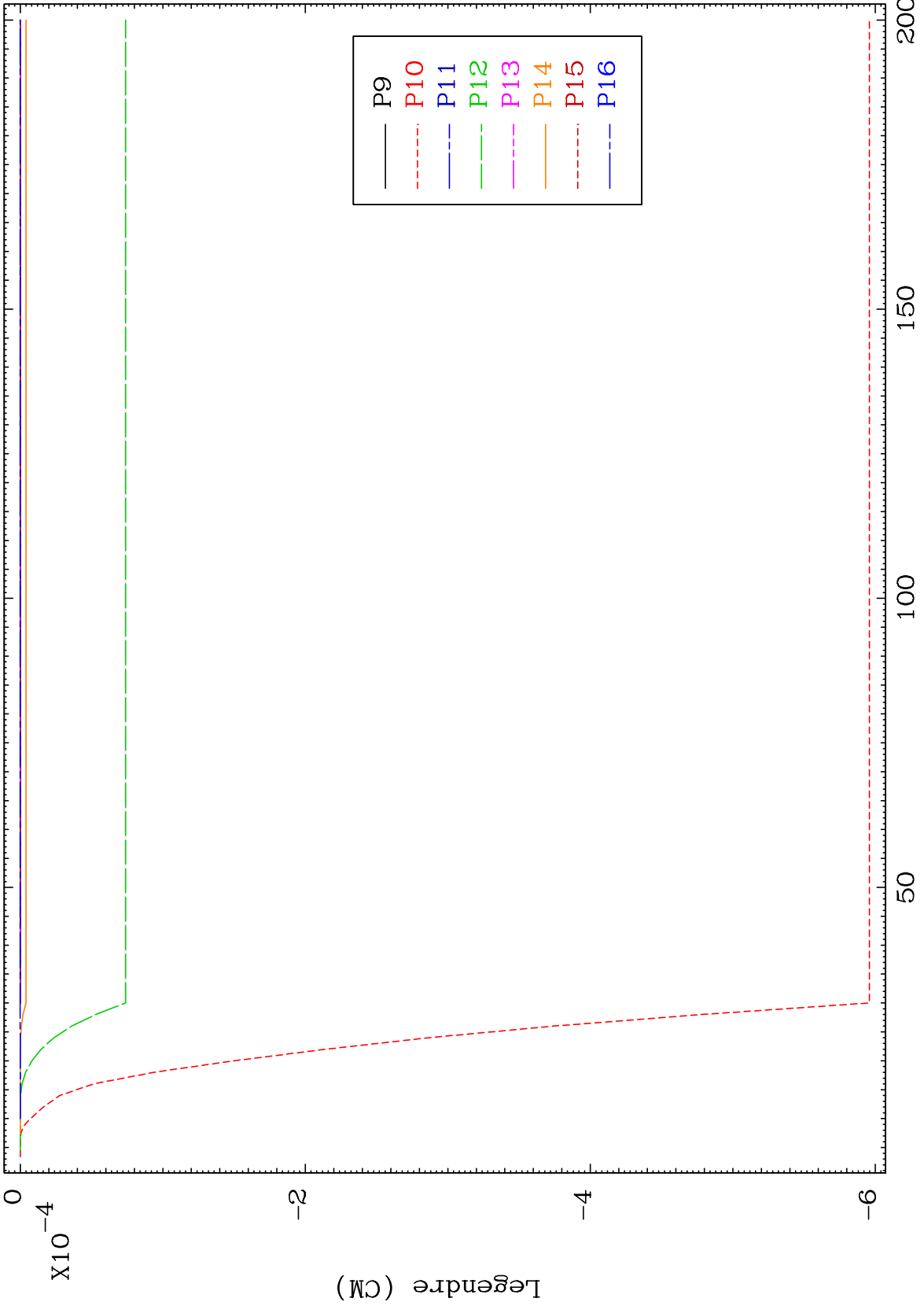


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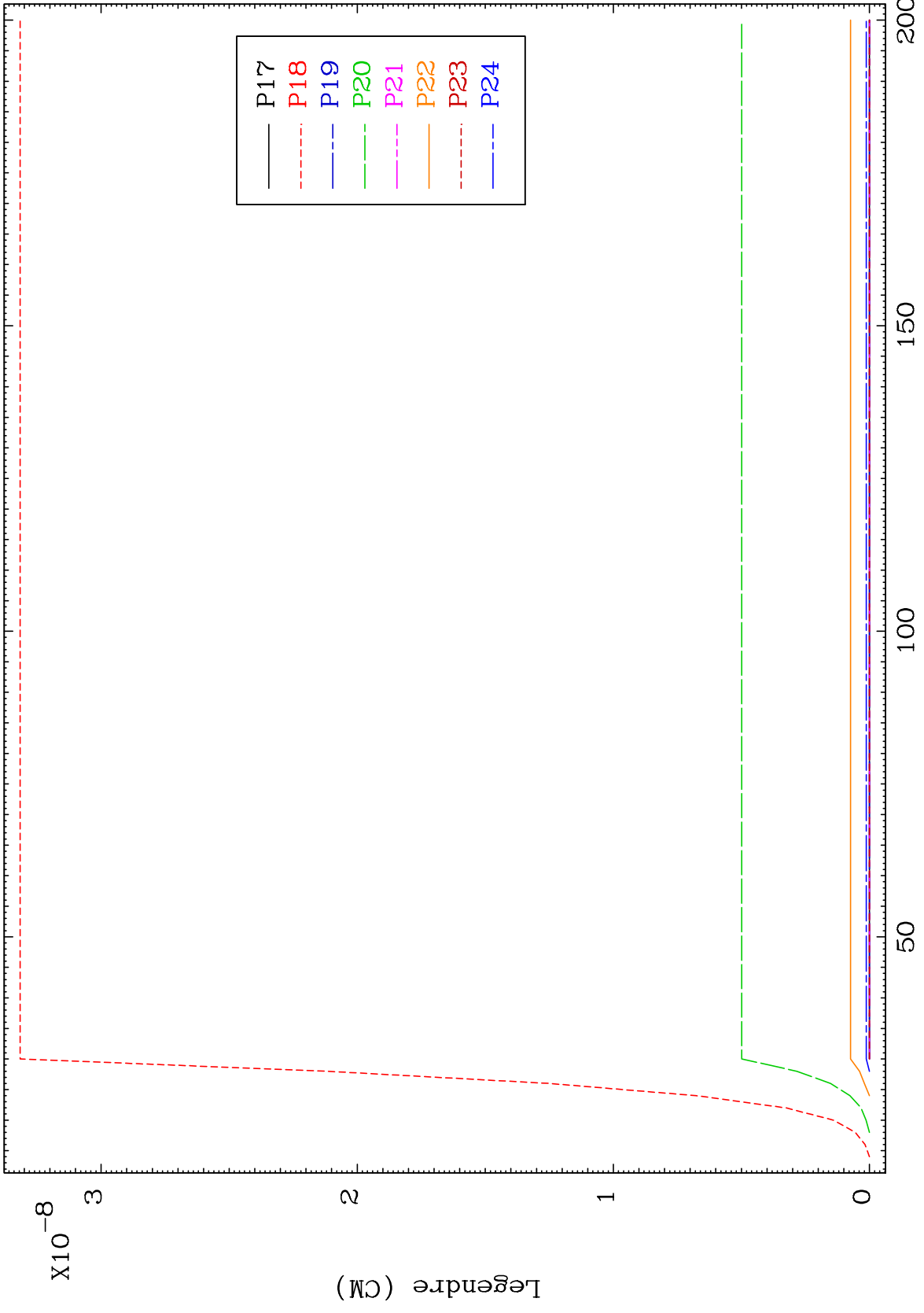
39 Incident Energy (MeV) 25-Mn-58

MAT 2534 MT= 58 (n,n') Level Legendre Coefficients 25-Mn-58



Incident Energy (MeV) 25-Mn-58

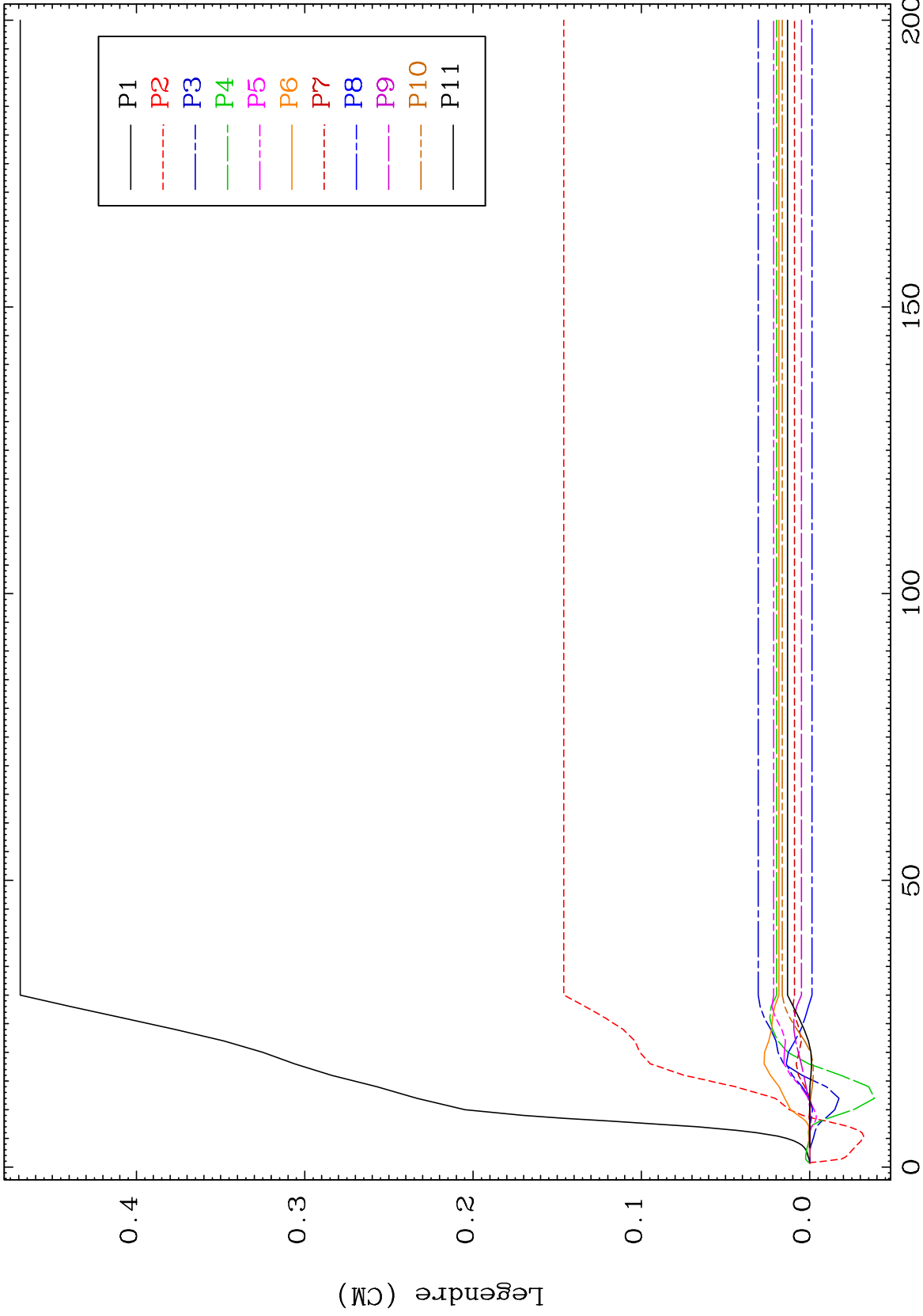
MAT 2534 MT= 58 (n,n') Level Legendre Coefficients 25-Mn-58



MAT 2534

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

25-Mn-58



42

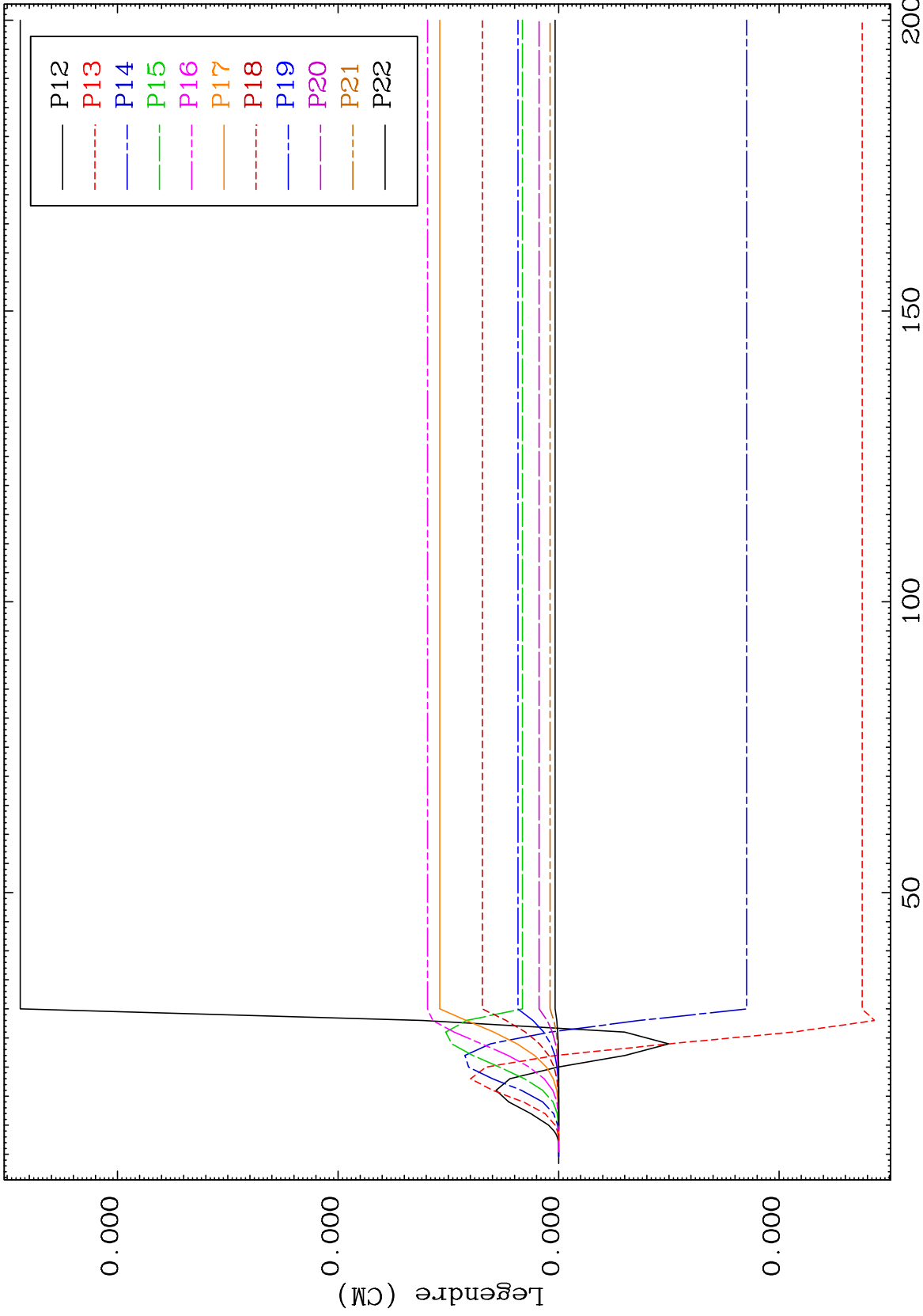
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



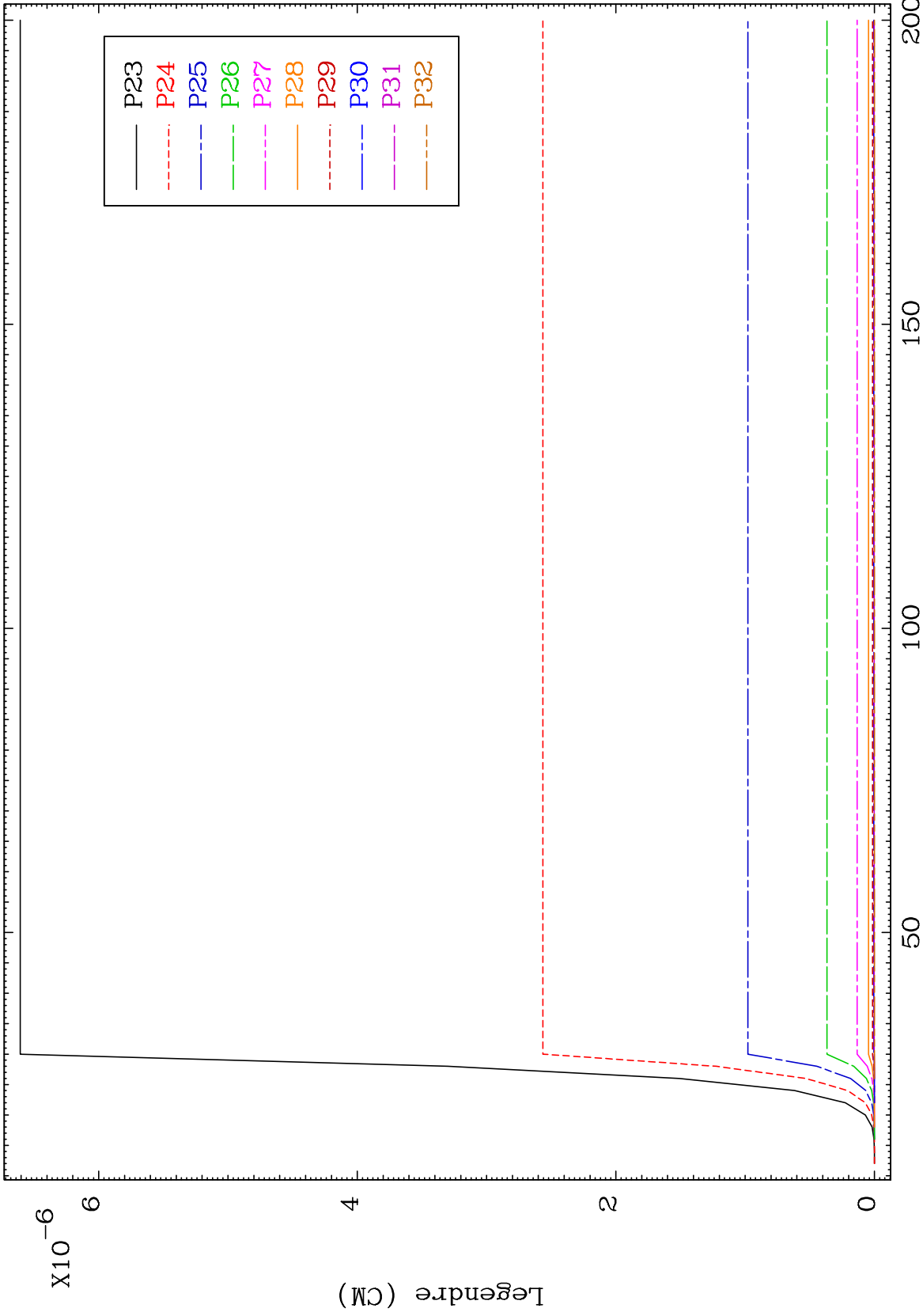
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25-Mn-58

MAT 2534

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

25-Mn-58

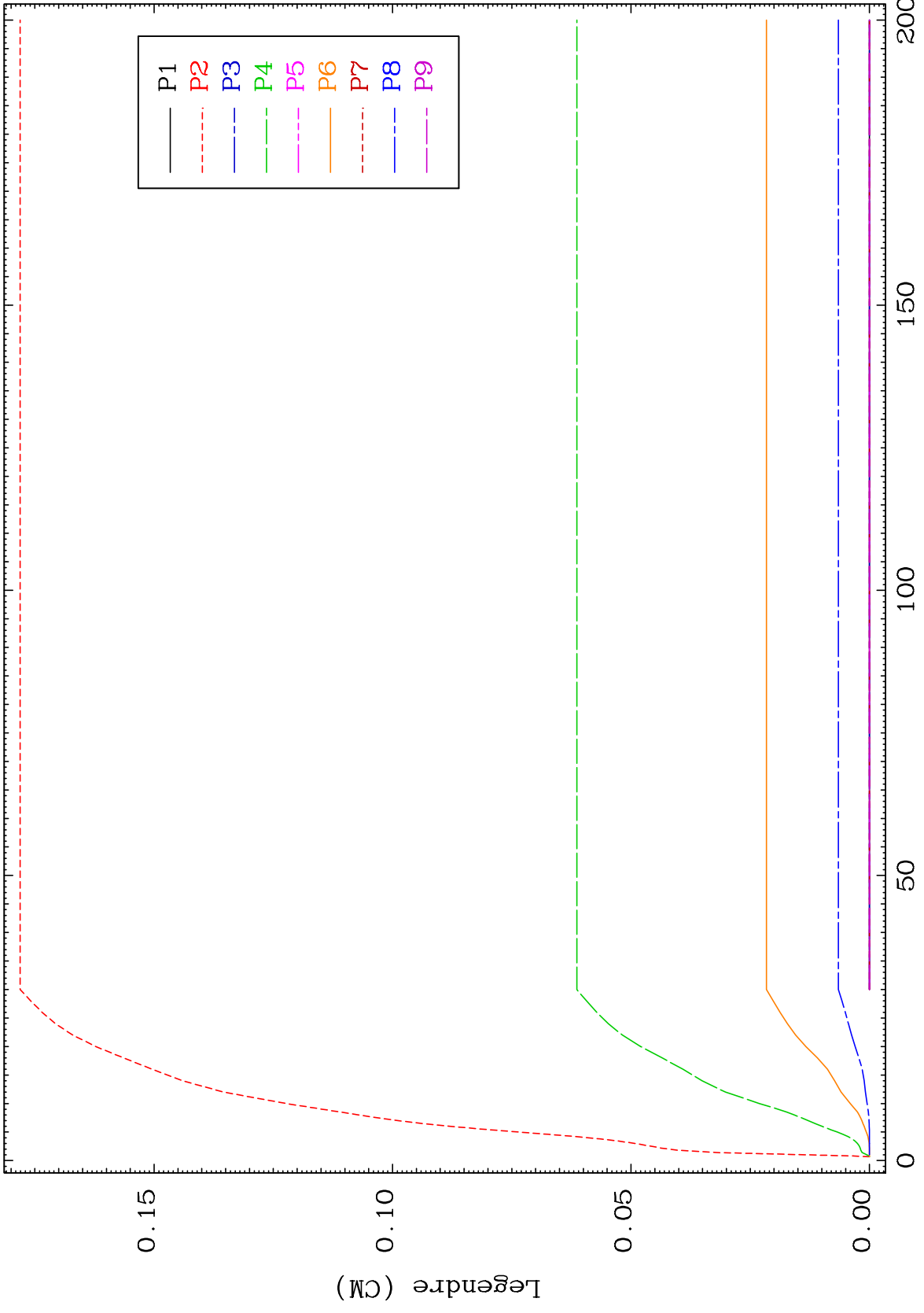


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Incident Energy (MeV)

25-Mn-58

MAT 2534 MT= 60 (n,n') Level Legendre Coefficients 25-Mn-58

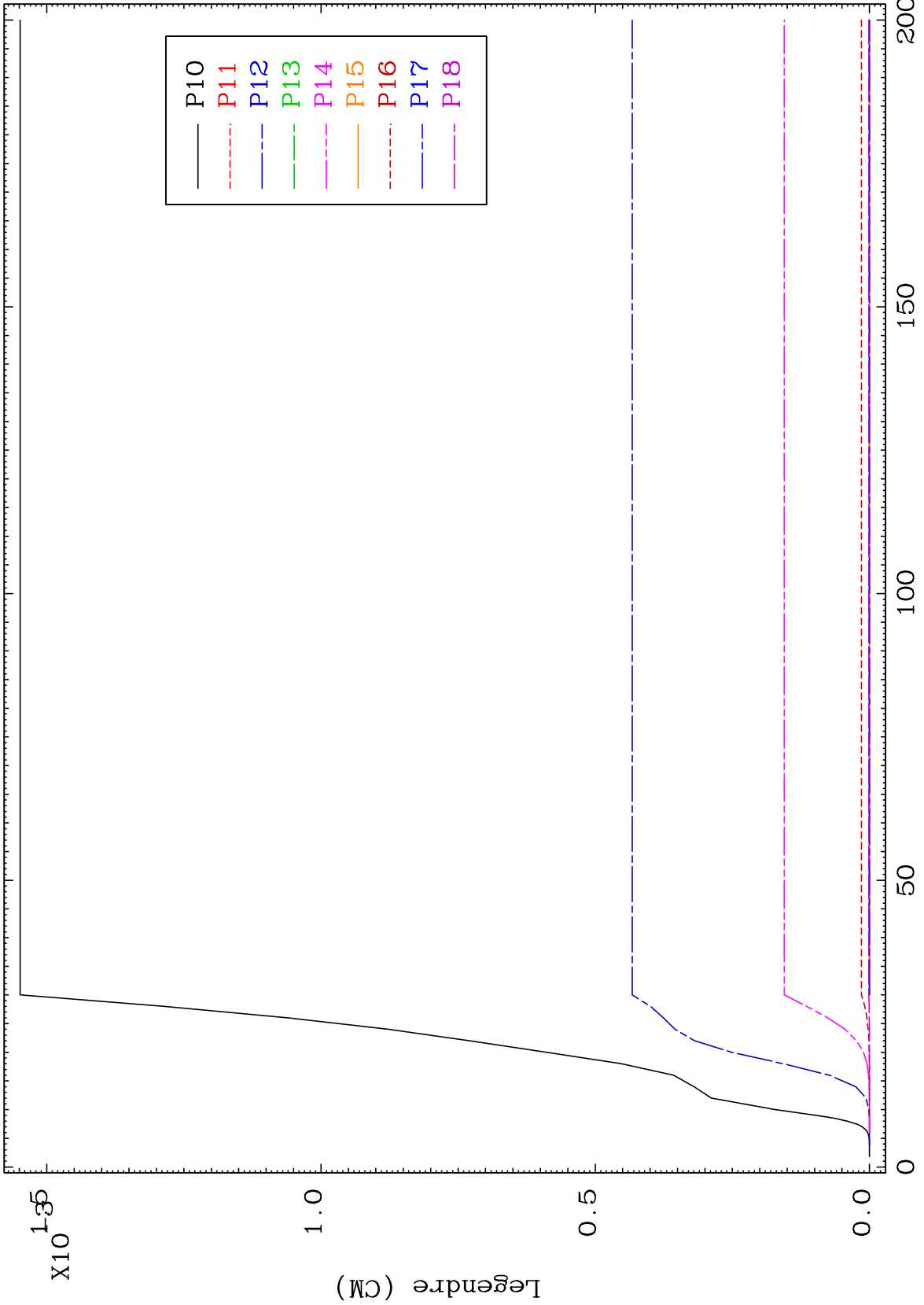


Legendre (CM) Incident Energy (MeV) 25-Mn-58

MAT 2534

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

25-Mn-58

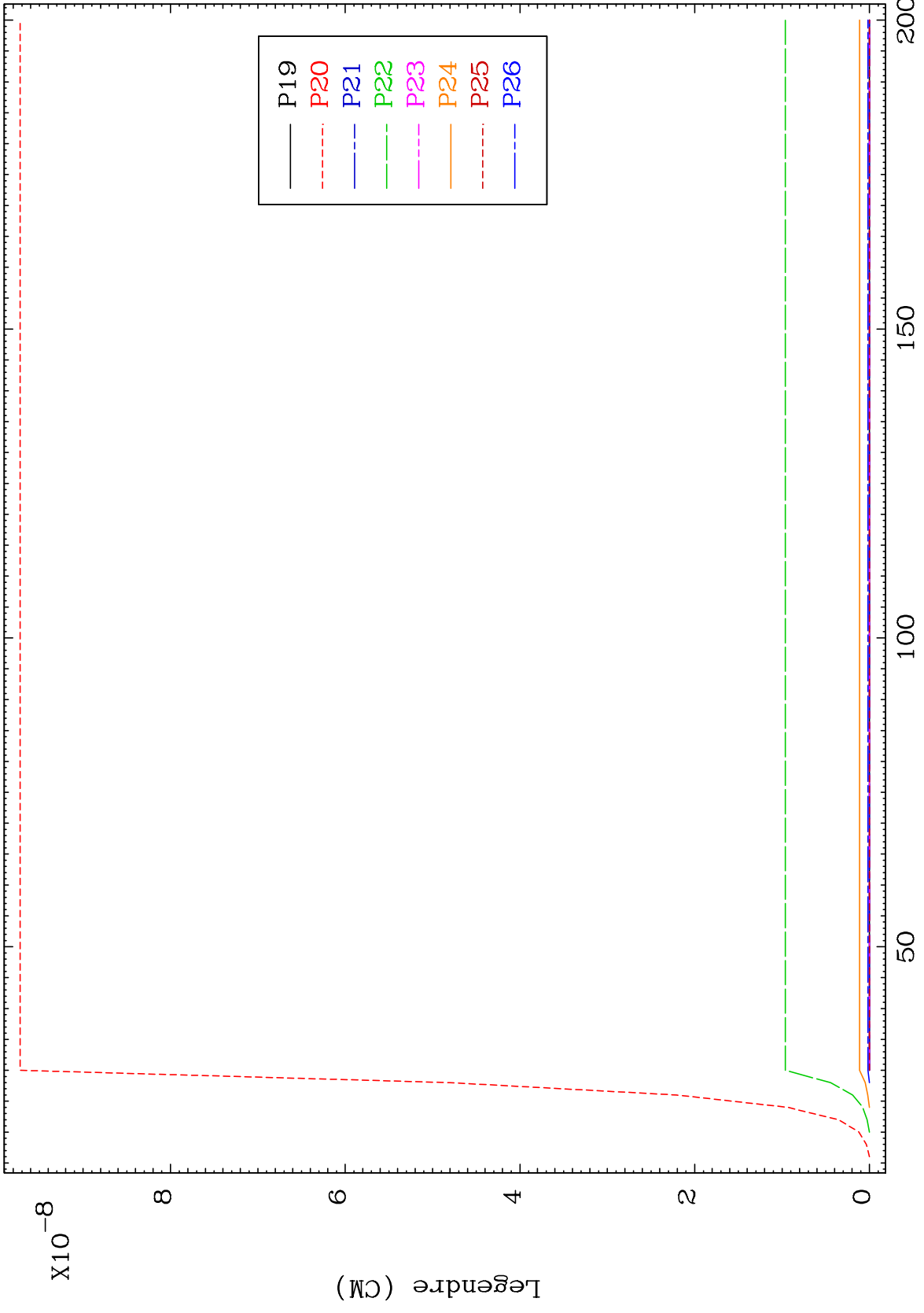


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Incident Energy (MeV)

25-Mn-58

MAT 2534 MT= 60 (n,n') Level Legendre Coefficients 25-Mn-58

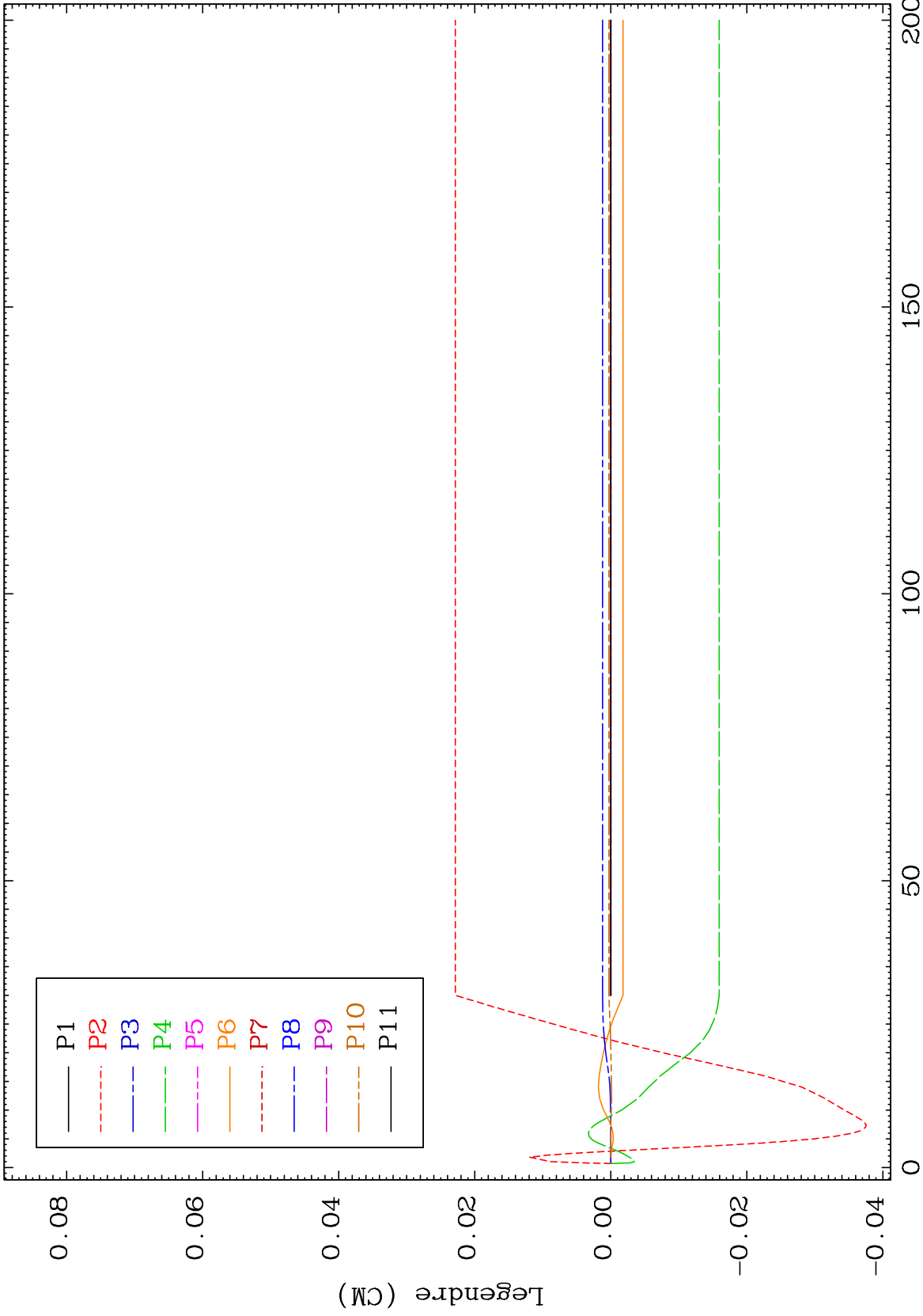


47 50 100 150 200 25-Mn-58

MAT 2534

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

25-Mn-58

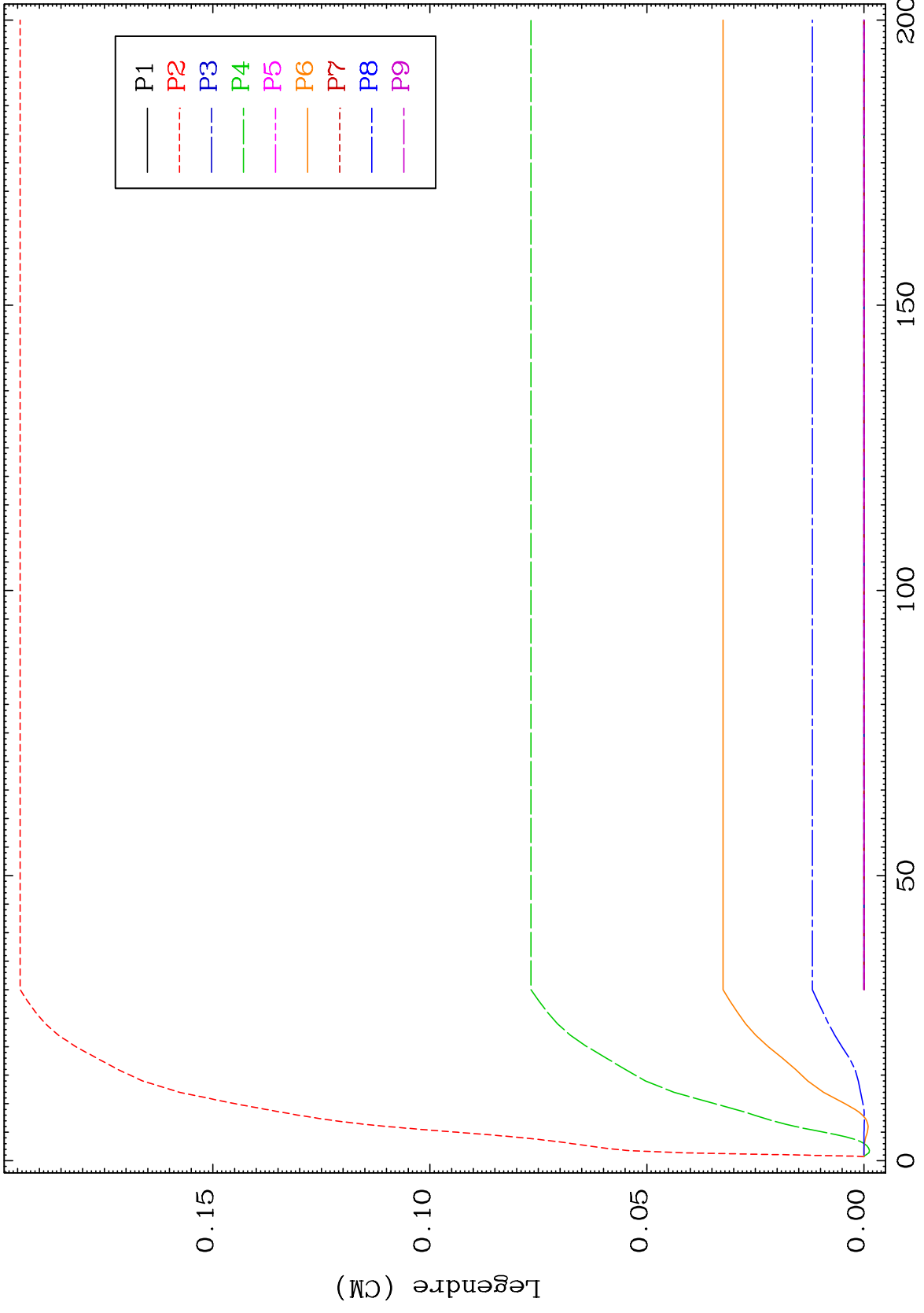


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Incident Energy (MeV)

25-Mn-58

MAT 2534 MT= 62 (n,n') Level Legendre Coefficients 25-Mn-58

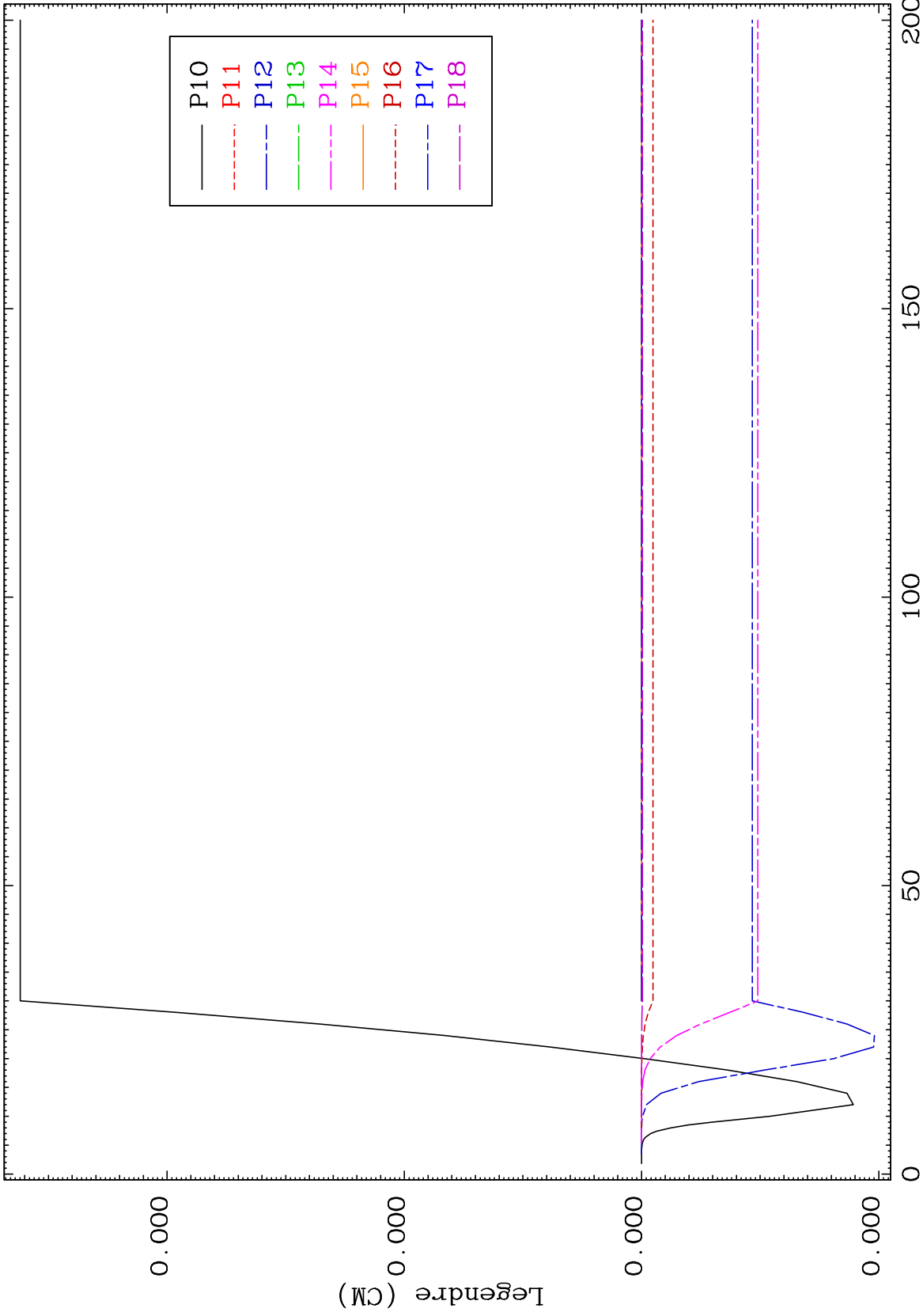


Legendre (CM) Incident Energy (MeV) 25-Mn-58

MAT 2534

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

25-Mn-58

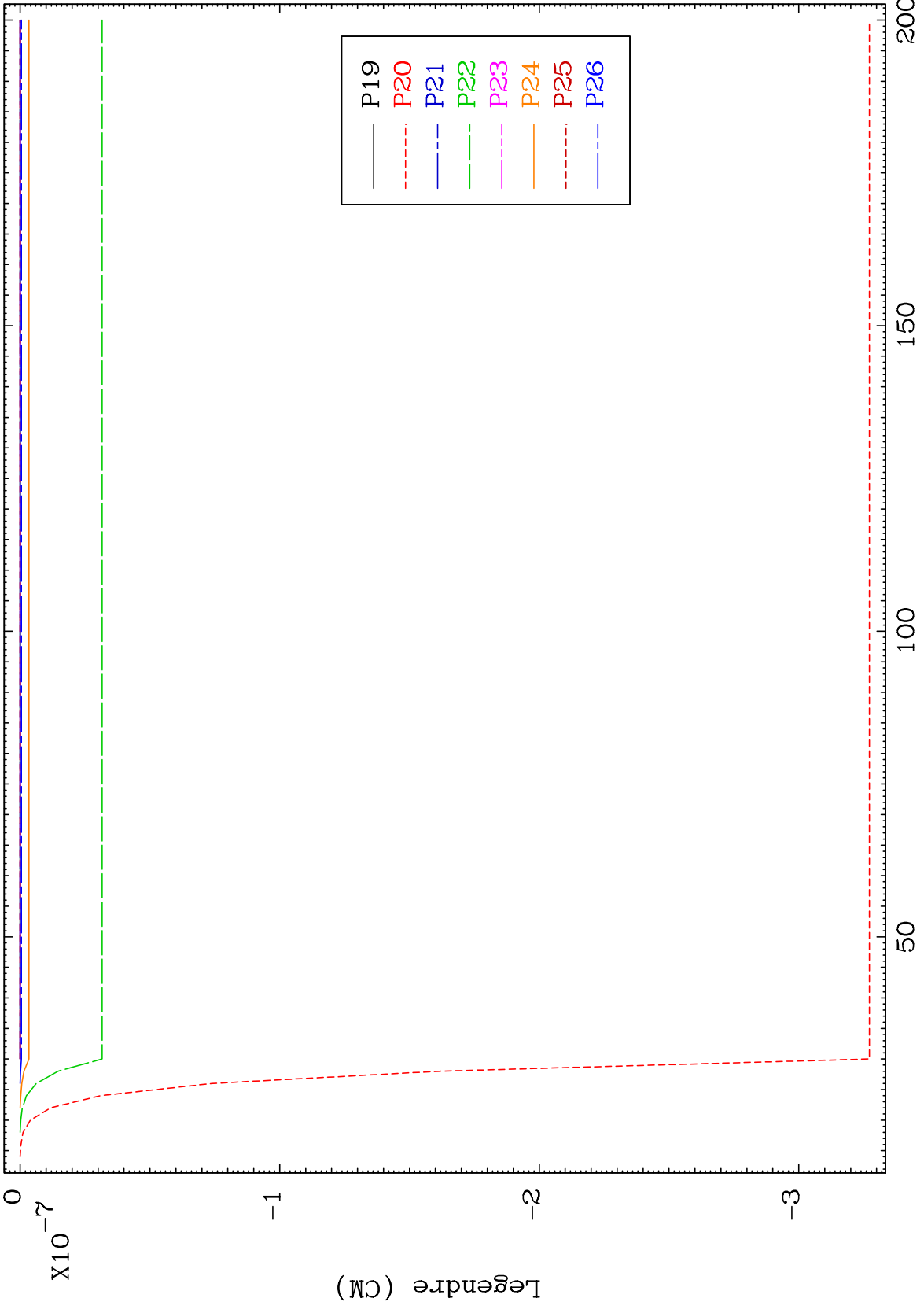


51

Incident Energy (MeV)

25-Mn-58

MAT 2534 MT= 62 (n,n') Level Legendre Coefficients 25-Mn-58

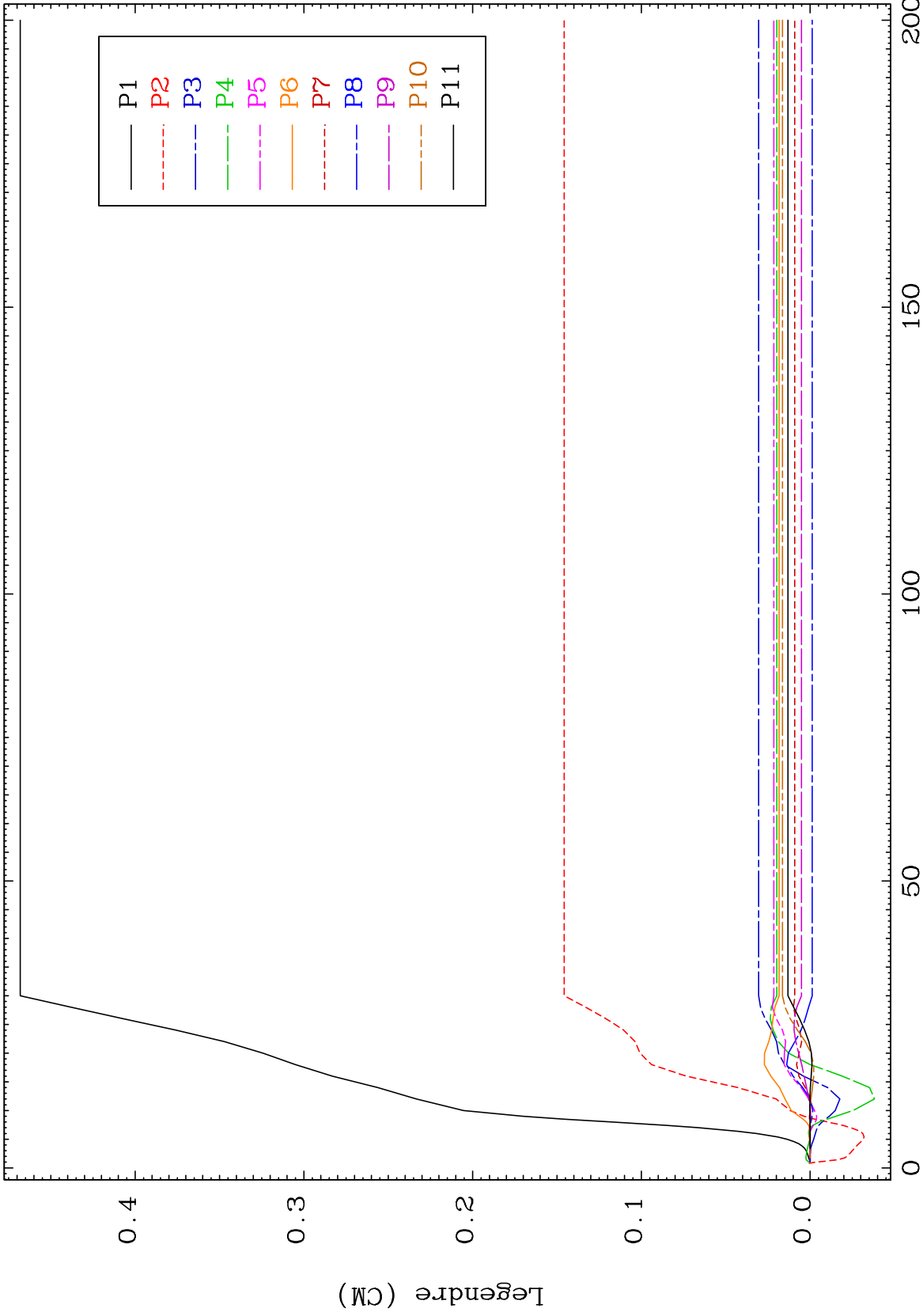


52 Incident Energy (MeV) 200 25-Mn-58

MAT 2534

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

25-Mn-58



53

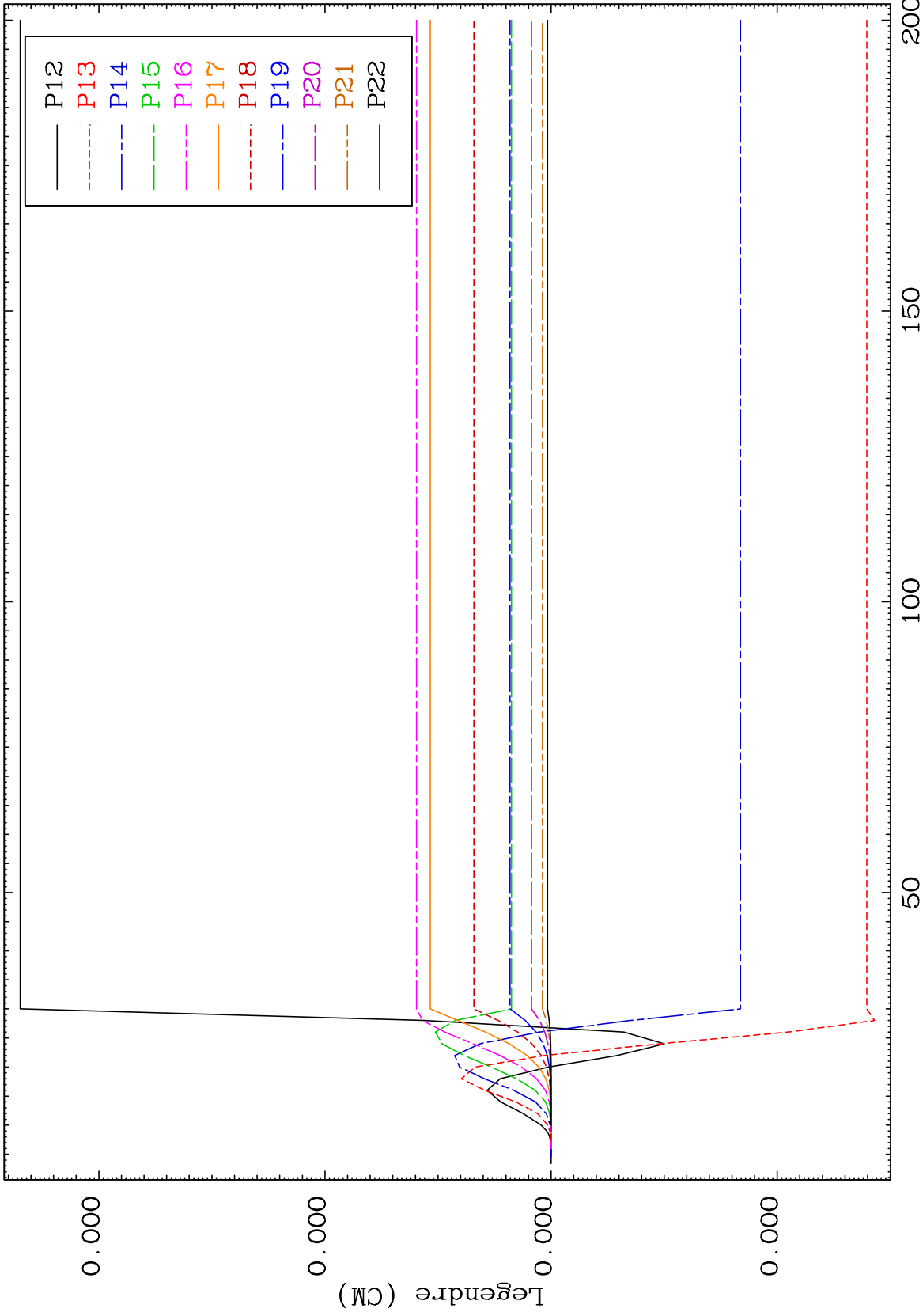
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



54

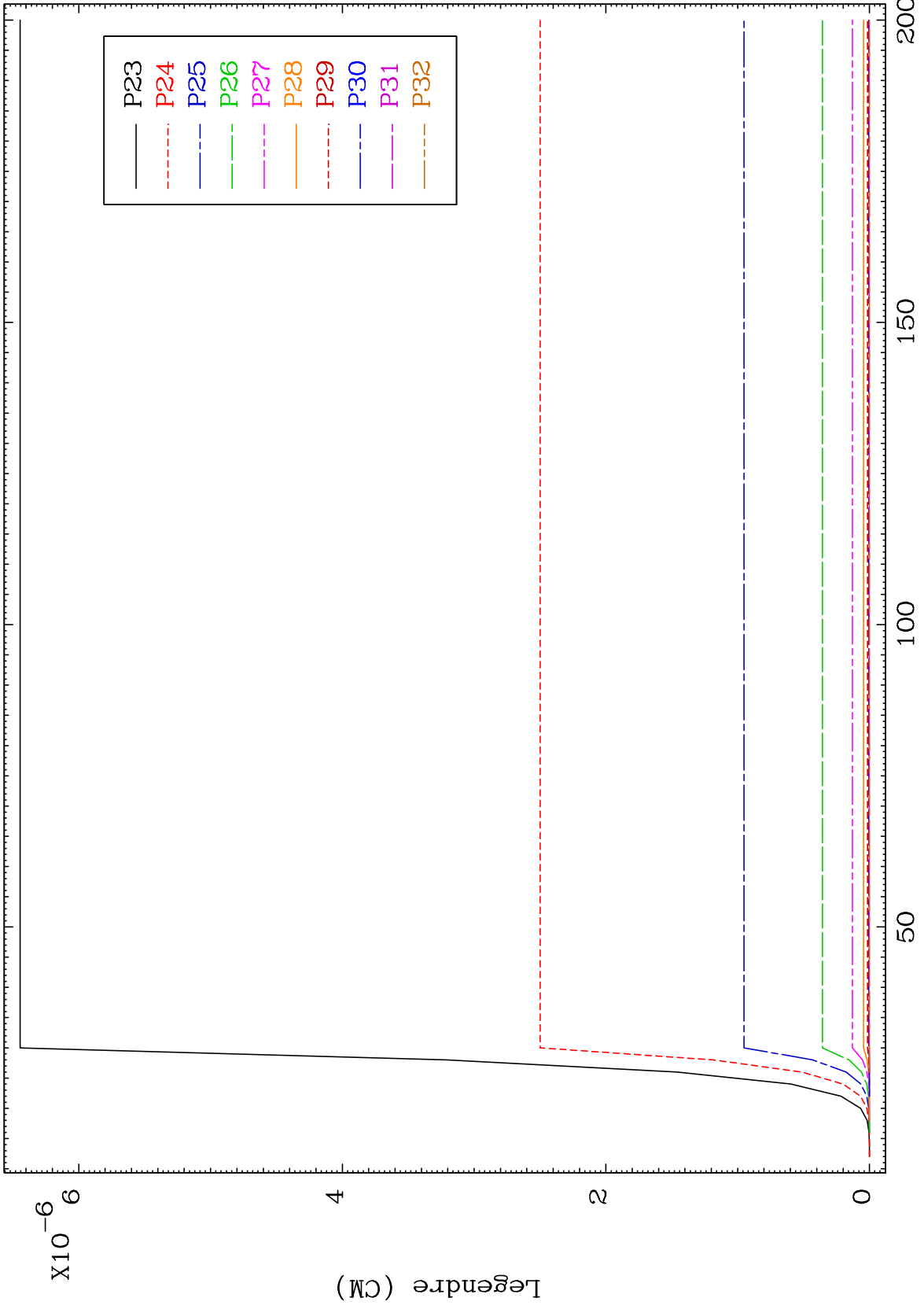
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58

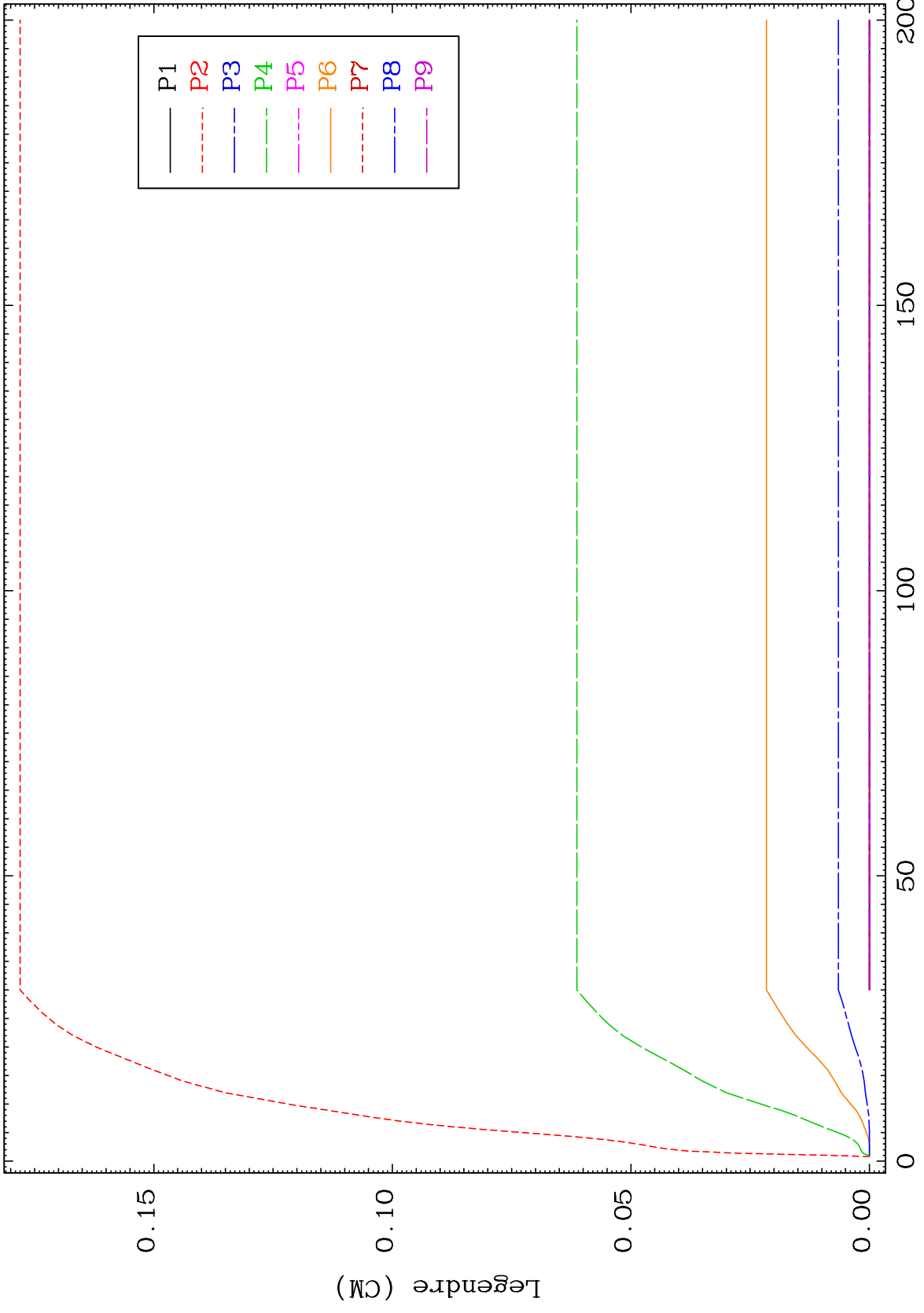


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Incident Energy (MeV)

25-Mn-58

MAT 2534 MT= 64 (n,n') Level Legendre Coefficients 25-Mn-58

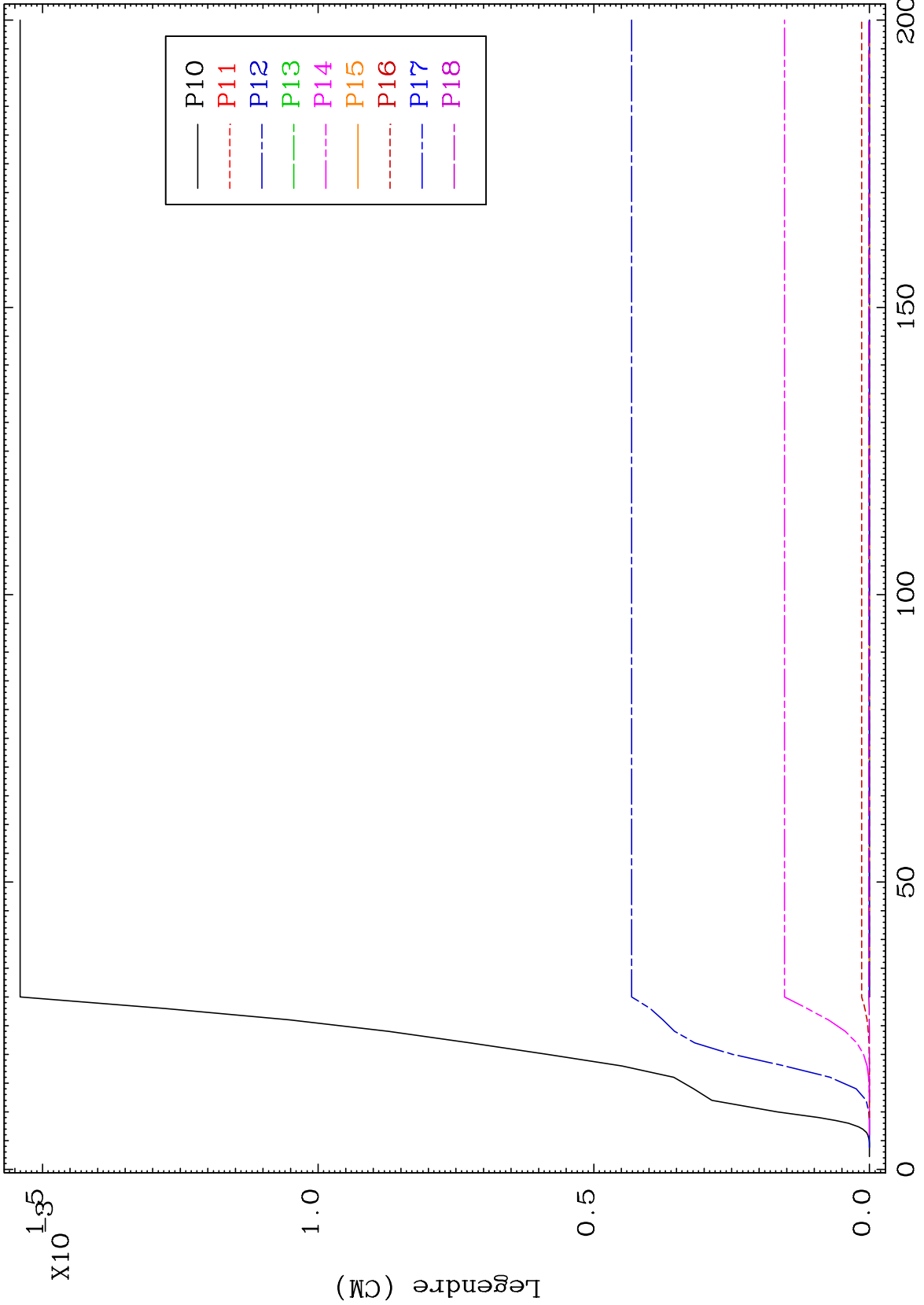


56 Incident Energy (MeV) 25-Mn-58

MAT 2534

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

25-Mn-58

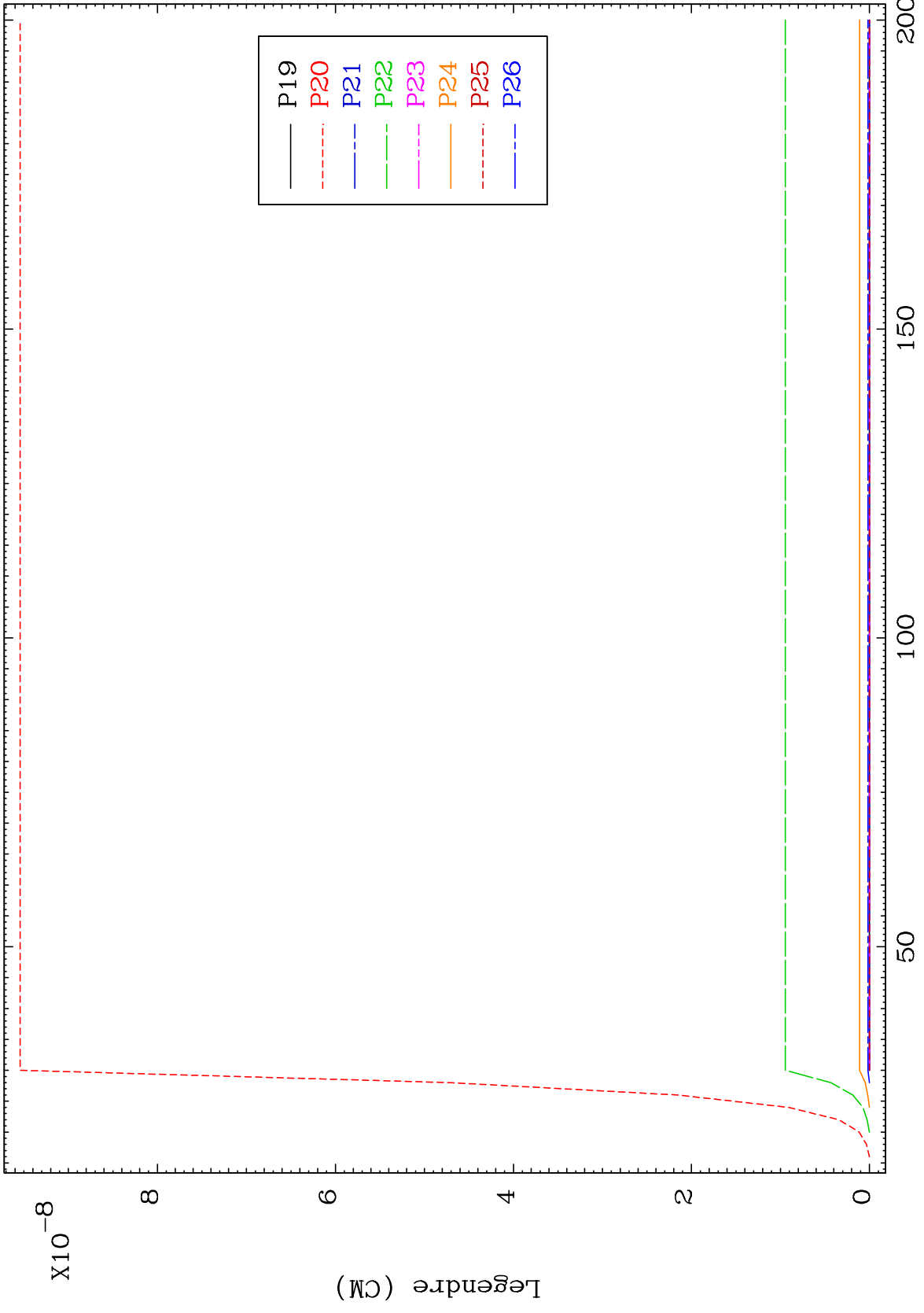


57

Incident Energy (MeV)

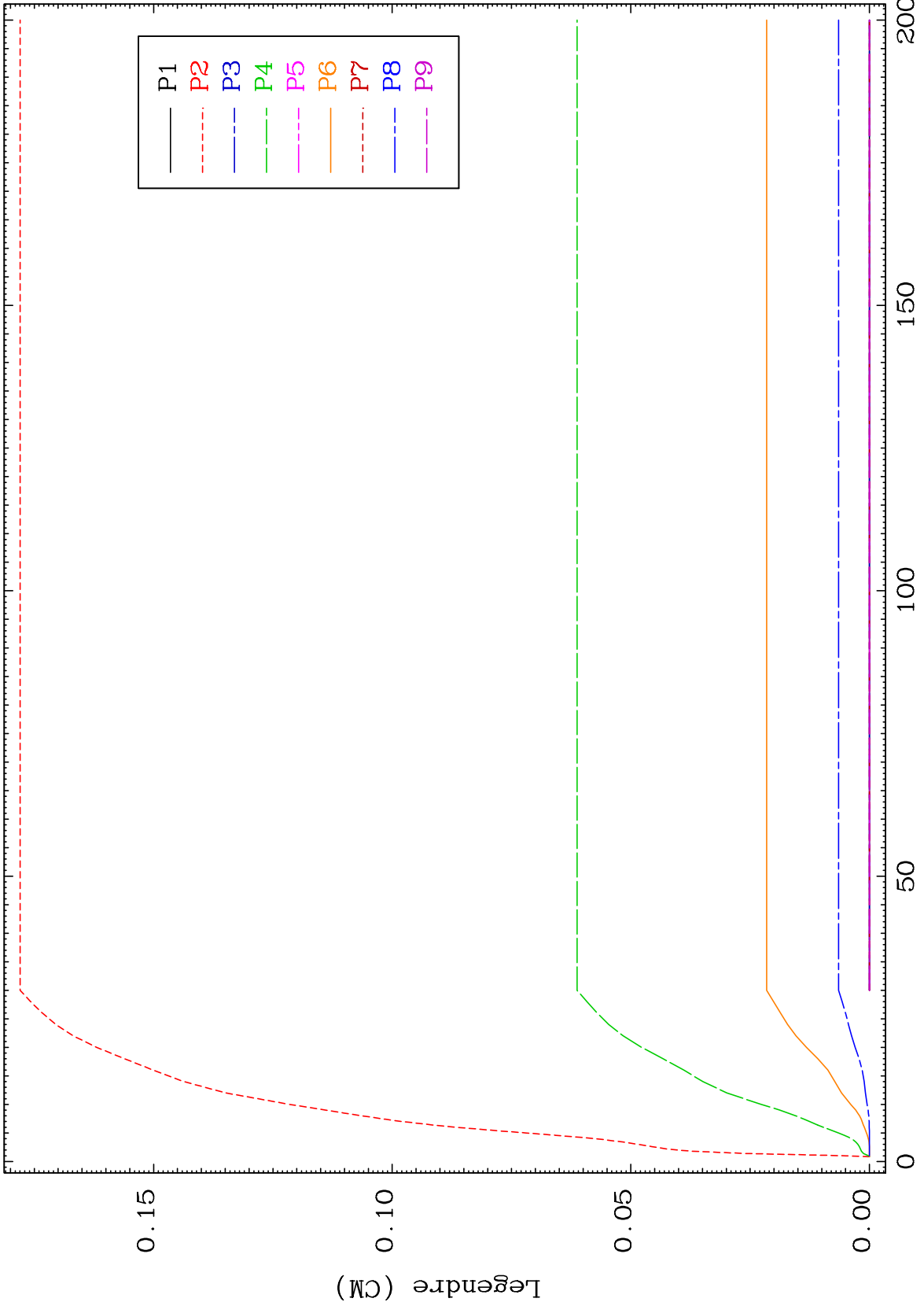
25-Mn-58

MAT 2534 MT= 64 (n,n') Level Legendre Coefficients 25-Mn-58



58 100 150 200 25-Mn-58

MAT 2534 MT= 65 (n,n') Level Legendre Coefficients 25-Mn-58

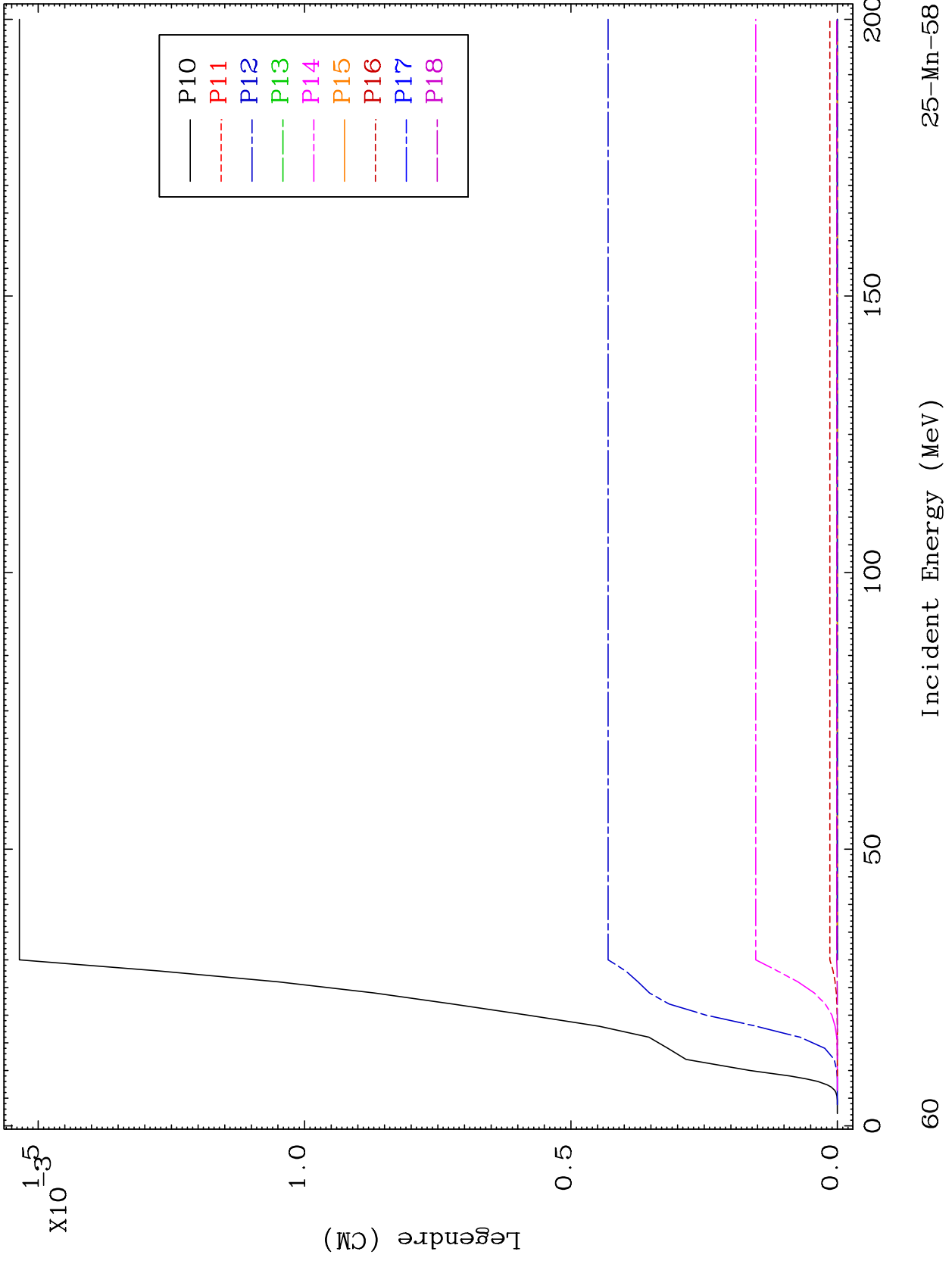


59 25-Mn-58

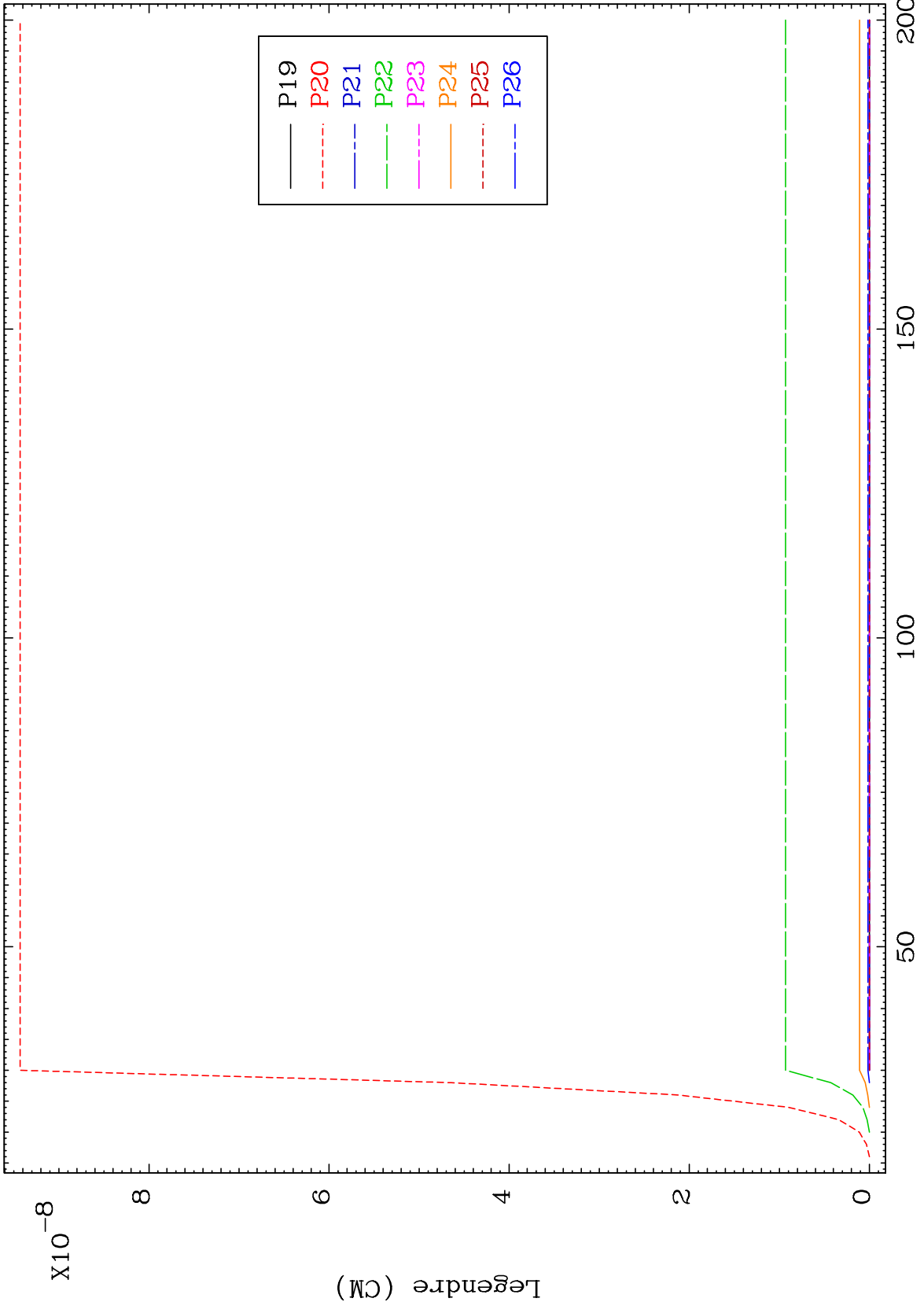
MAT 2534

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

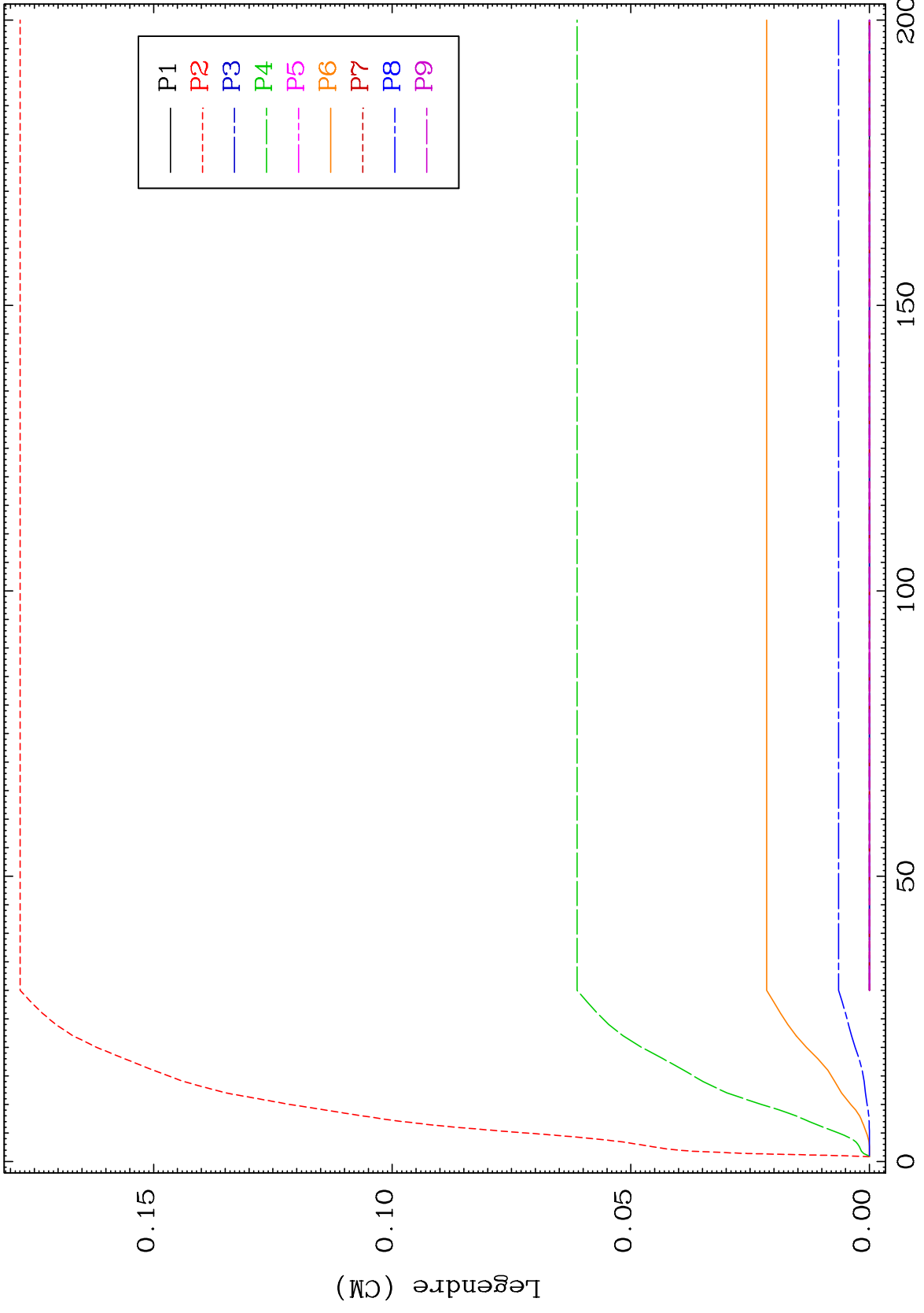
25-Mn-58



MAT 2534 MT= 65 (n,n') Level Legendre Coefficients 25-Mn-58



MAT 2534 MT= 66 (n,n') Level Legendre Coefficients 25-Mn-58

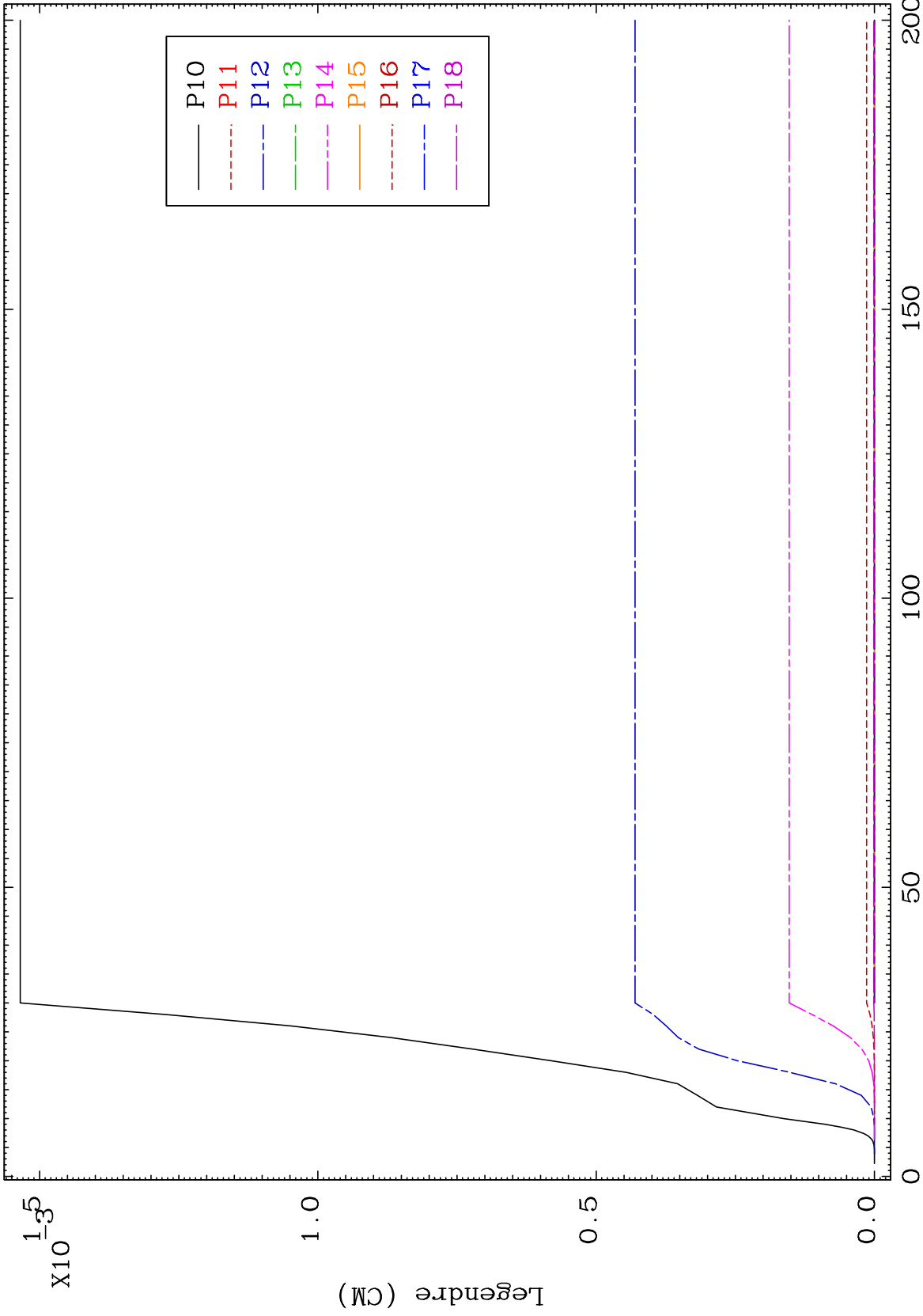


62 Incident Energy (MeV) 25-Mn-58

MAT 2534

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

25-Mn-58

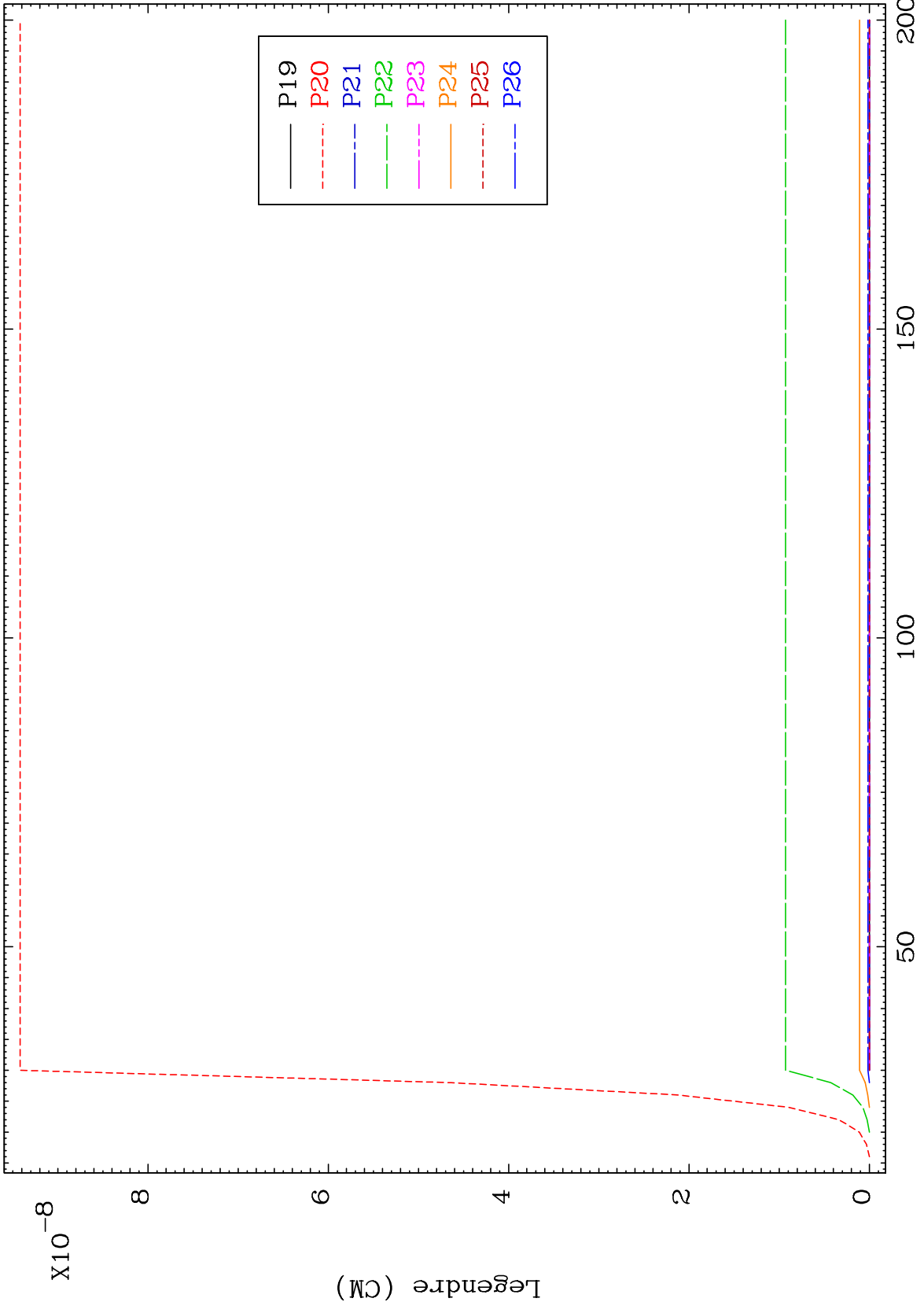


63

Incident Energy (MeV)

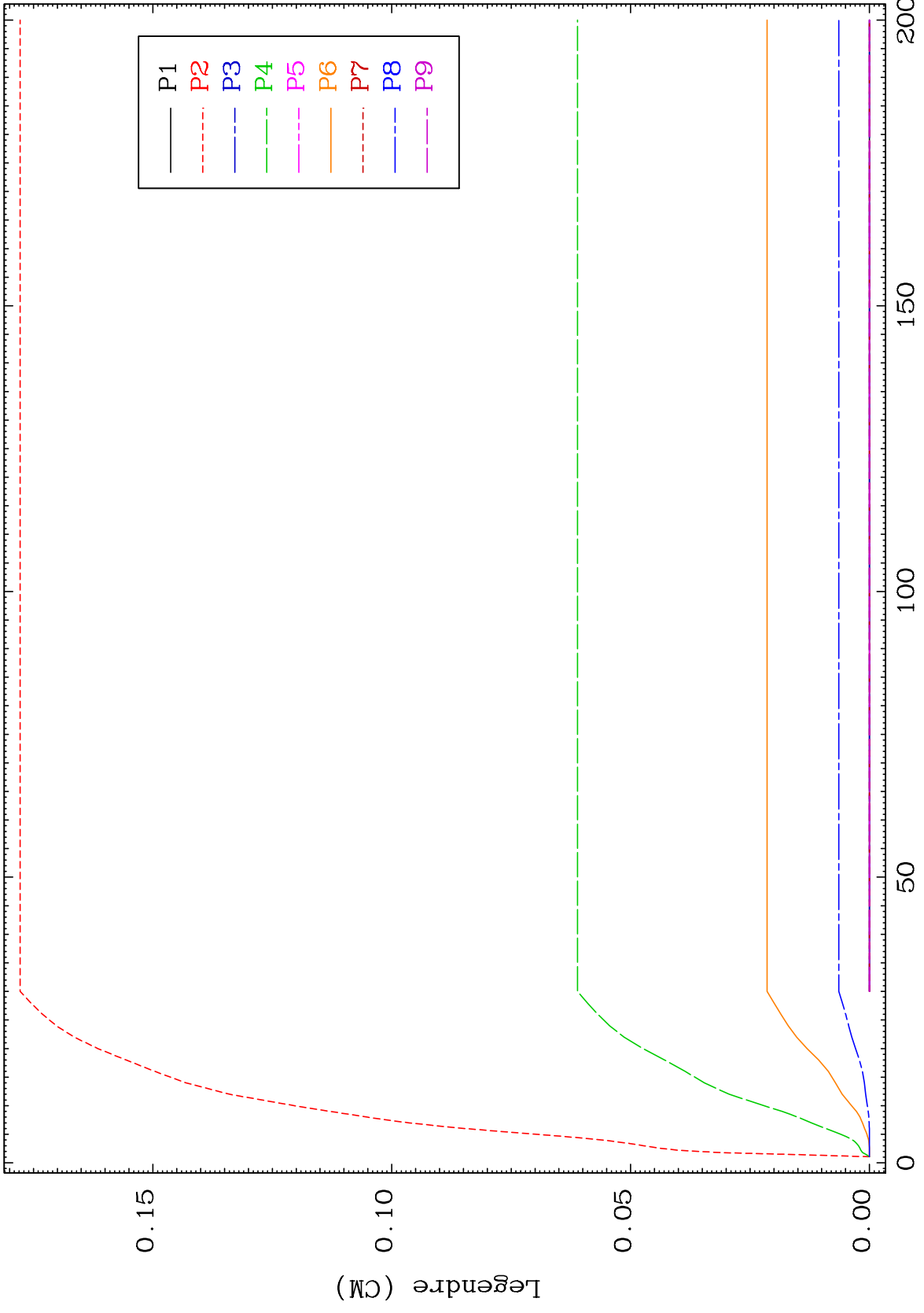
25-Mn-58

MAT 2534 MT= 66 (n,n') Level Legendre Coefficients 25-Mn-58



64 25-Mn-58

MAT 2534 MT= 67 (n,n') Level Legendre Coefficients 25-Mn-58

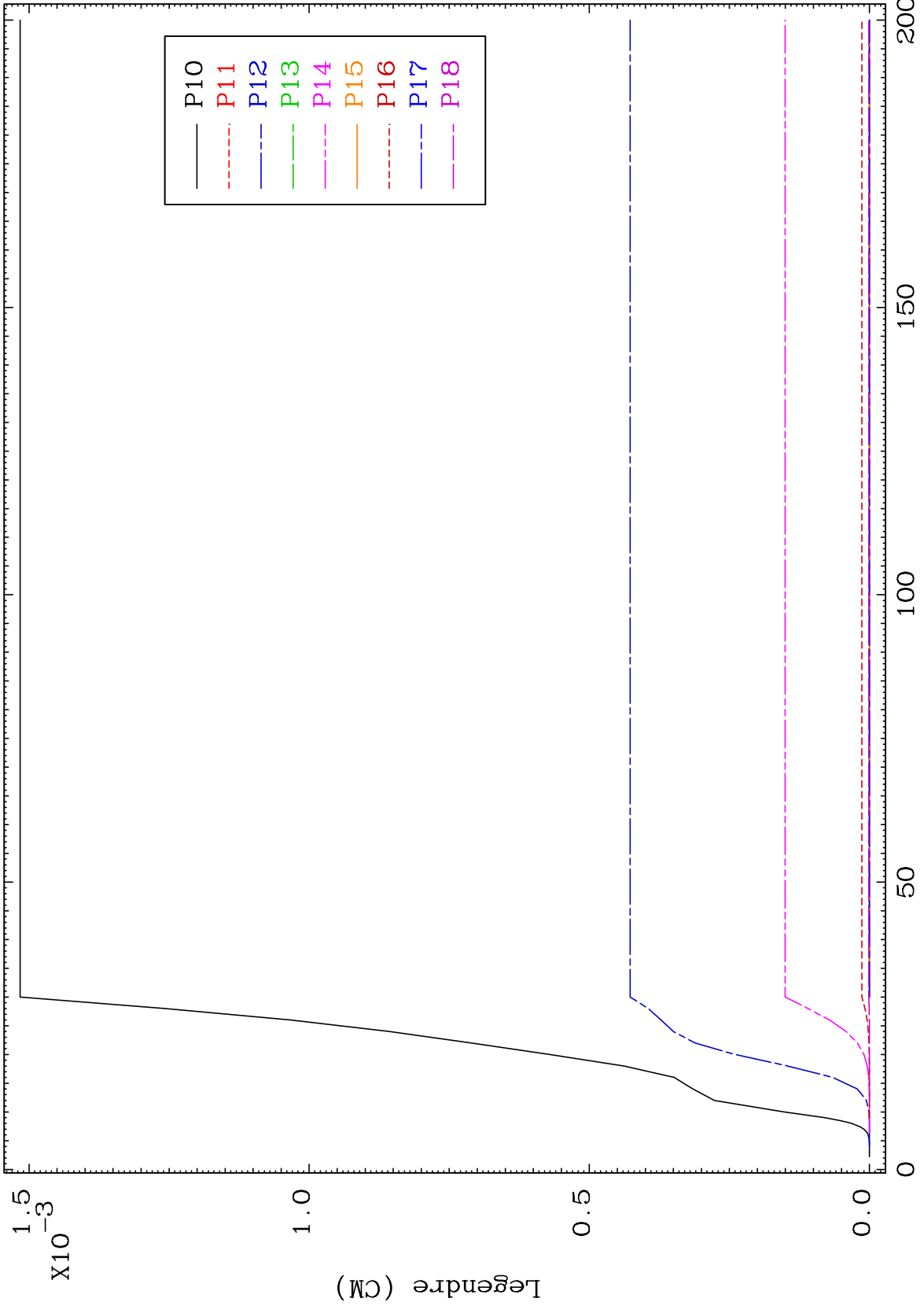


65 Incident Energy (MeV) 25-Mn-58

MAT 2534

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

25-Mn-58

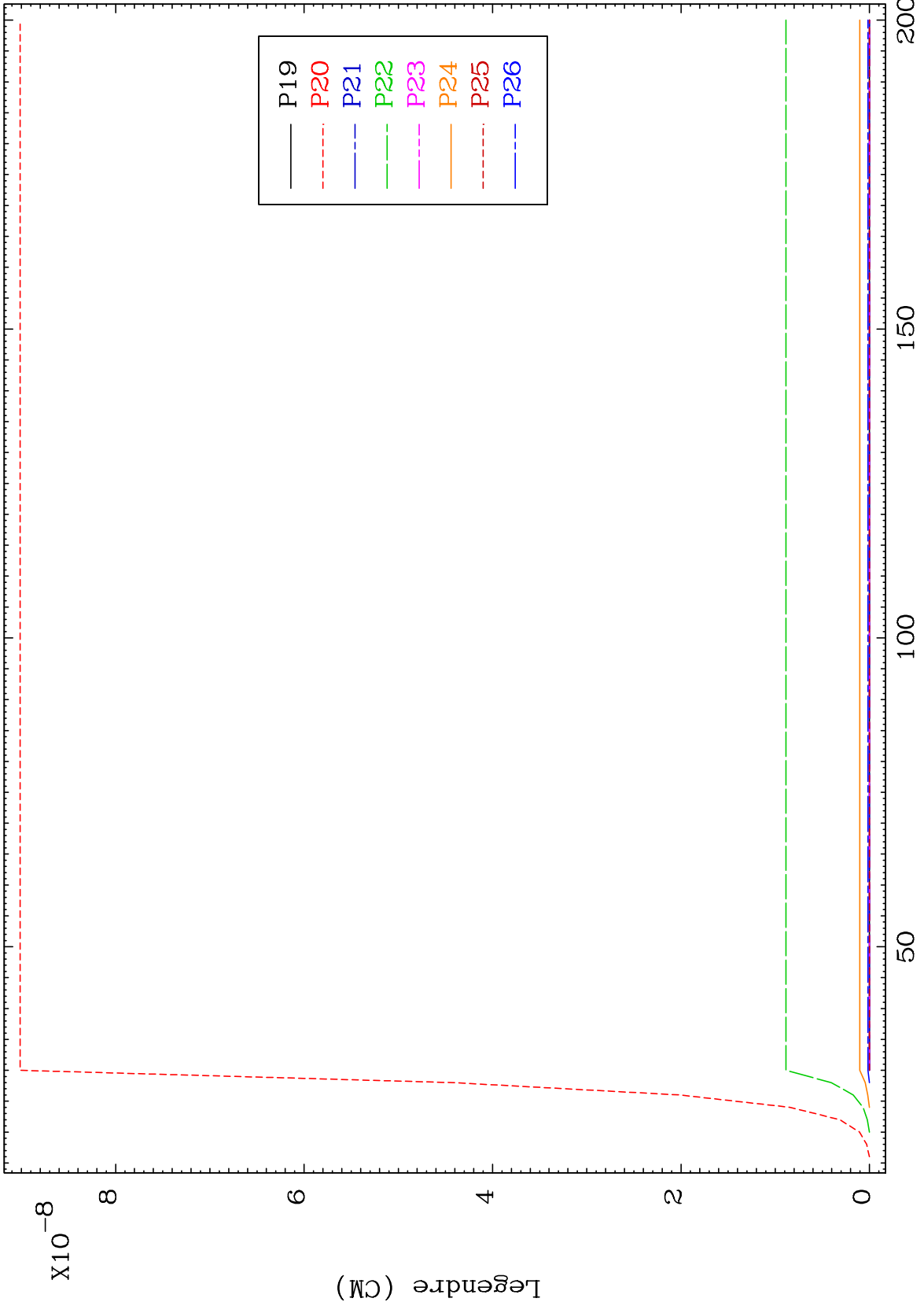


66

Incident Energy (MeV)

25-Mn-58

MAT 2534 MT= 67 (n,n') Level Legendre Coefficients 25-Mn-58

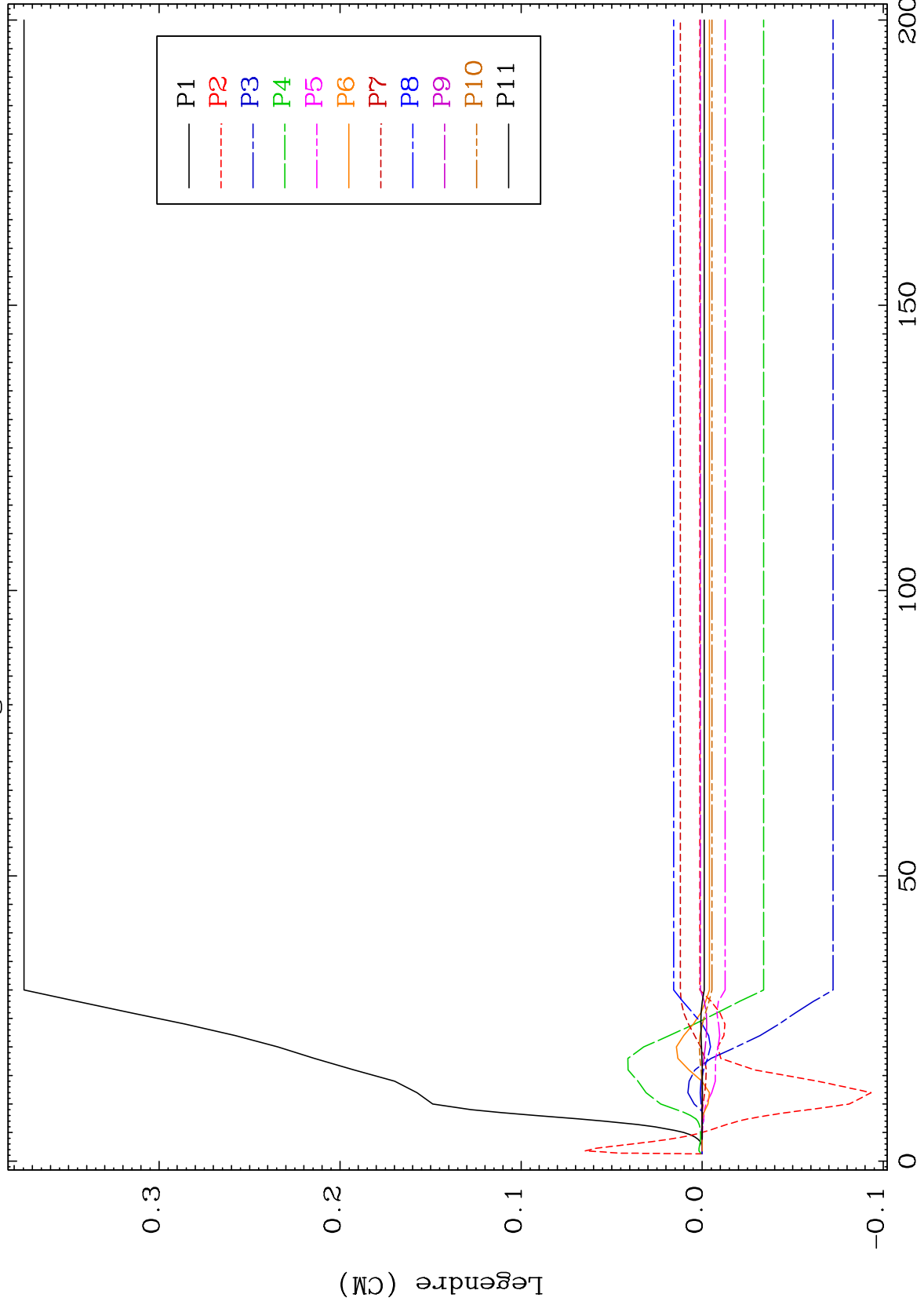


67 25-Mn-58

MAT 2534

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

25-Mn-58



68

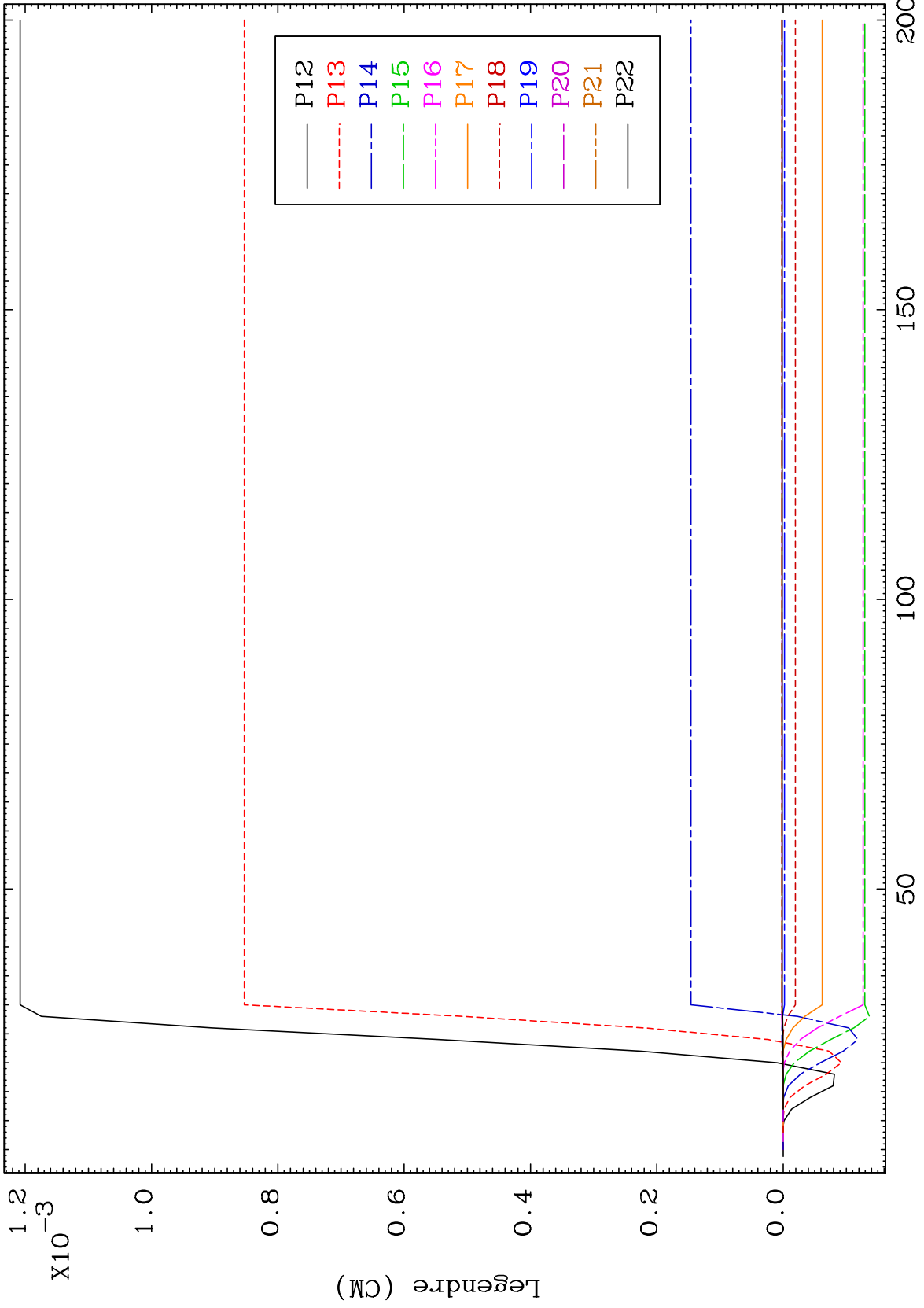
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



69

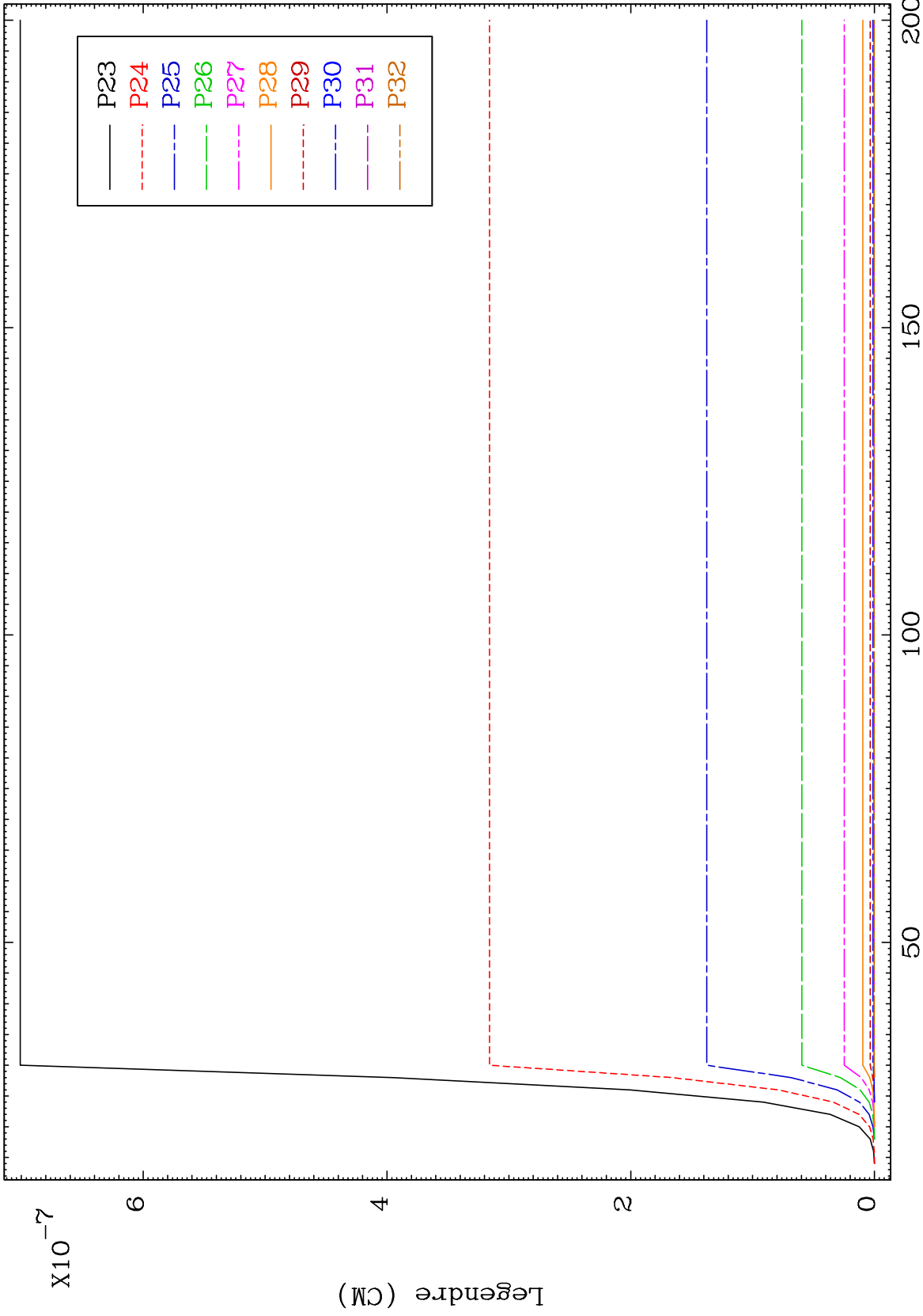
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



70

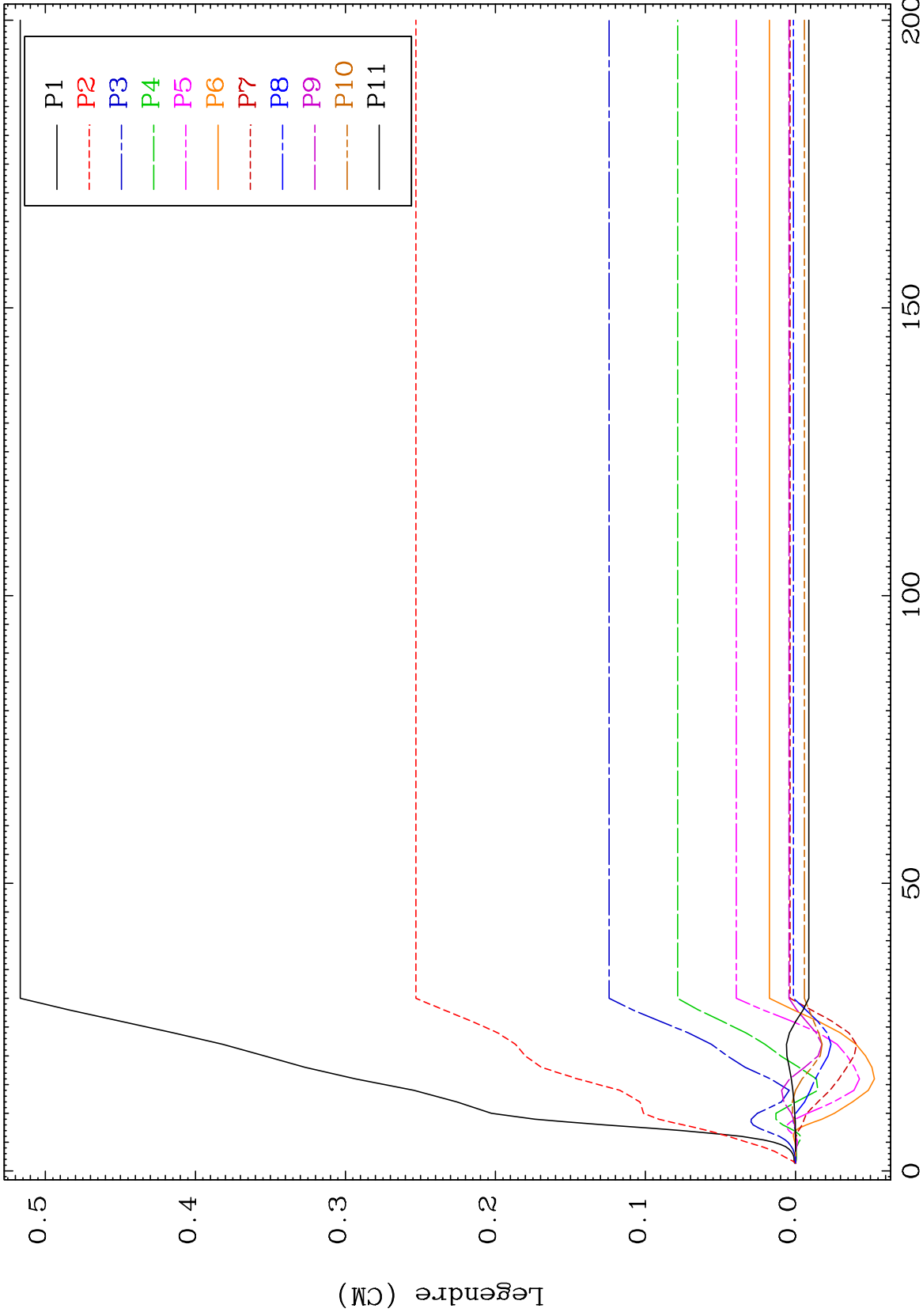
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



71

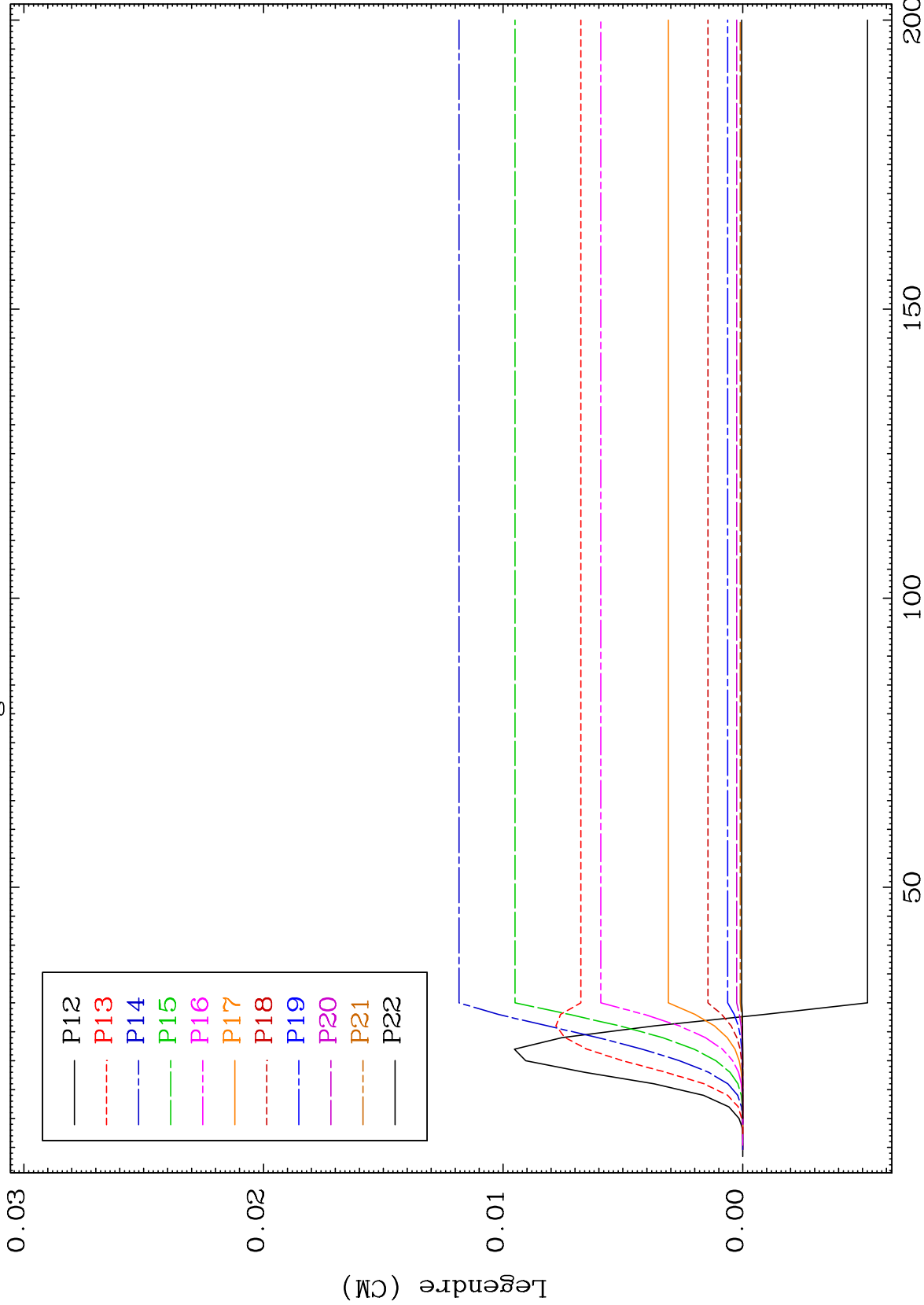
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



72

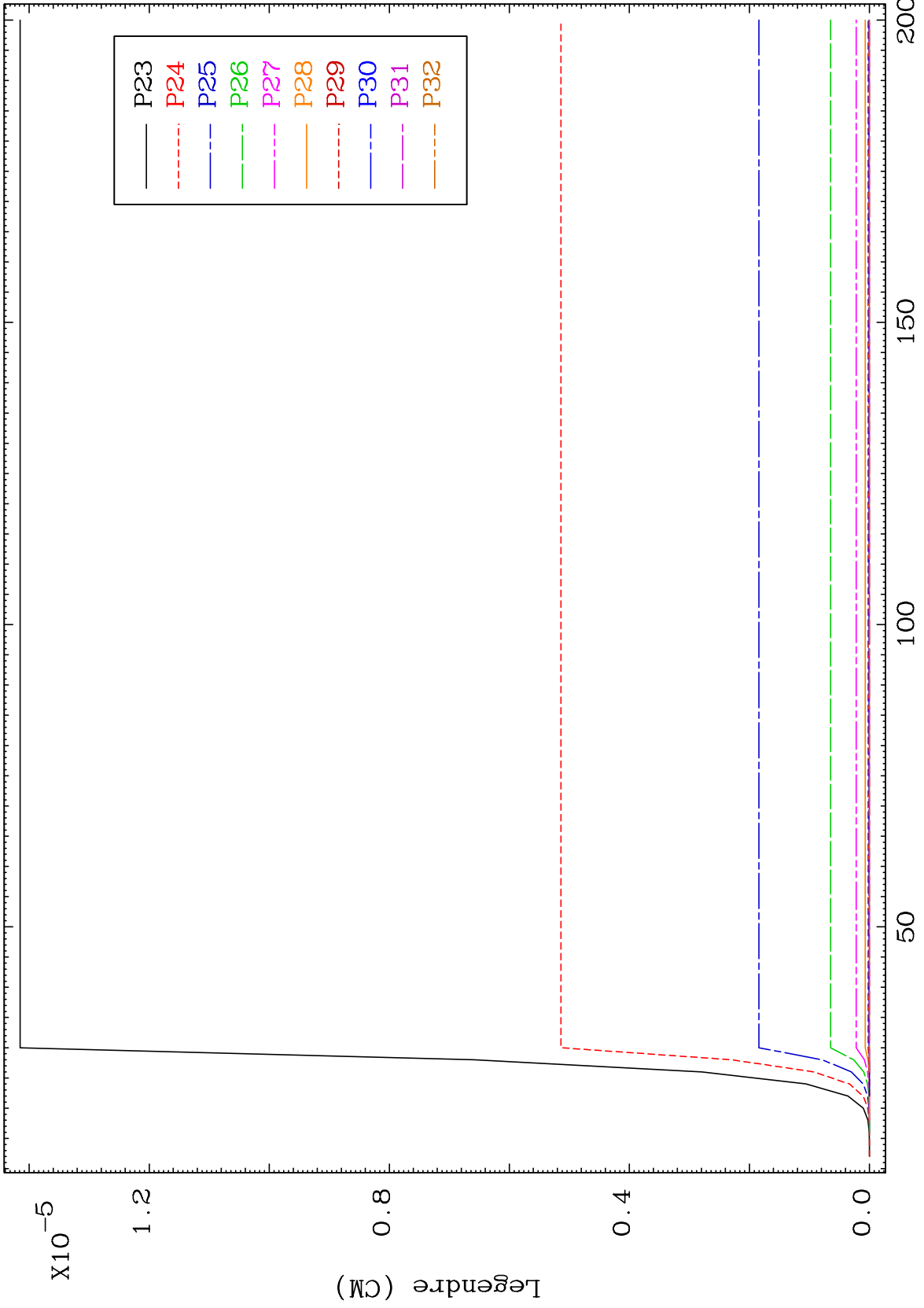
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

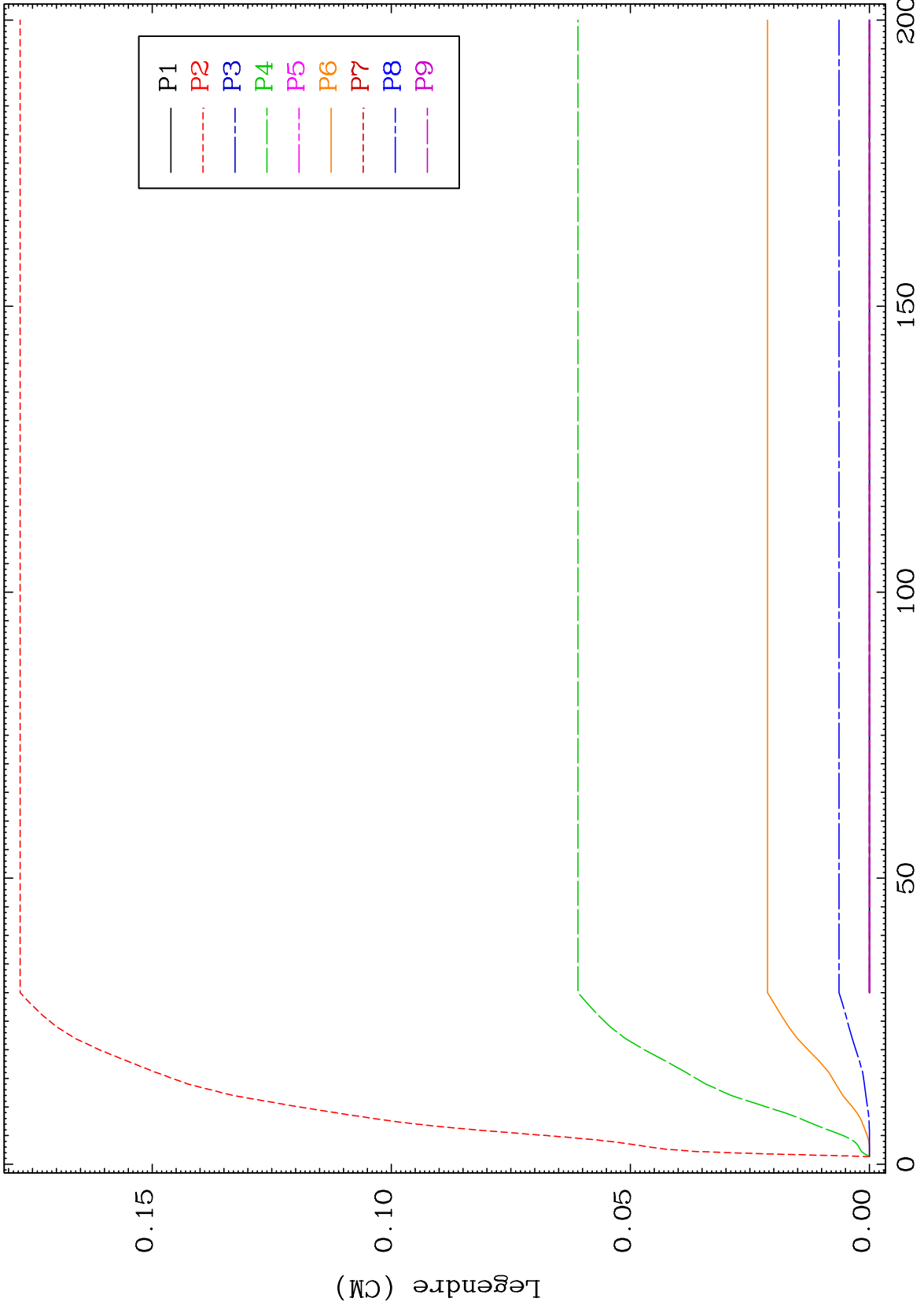
25-Mn-58



73

25-Mn-58

MAT 2534 MT= 70 (n,n') Level Legendre Coefficients 25-Mn-58

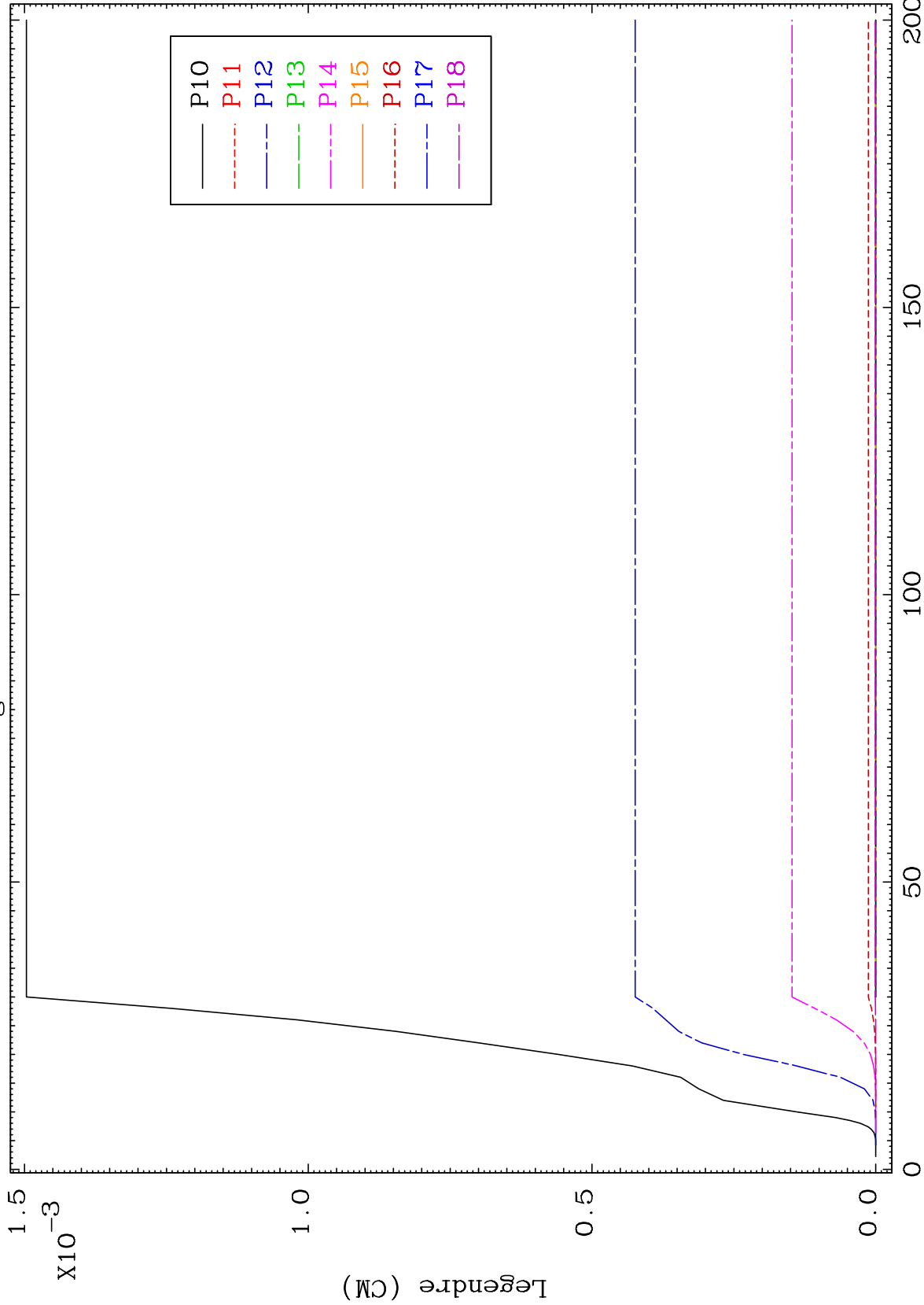


74 25-Mn-58

MAT 2534

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

25-Mn-58



75

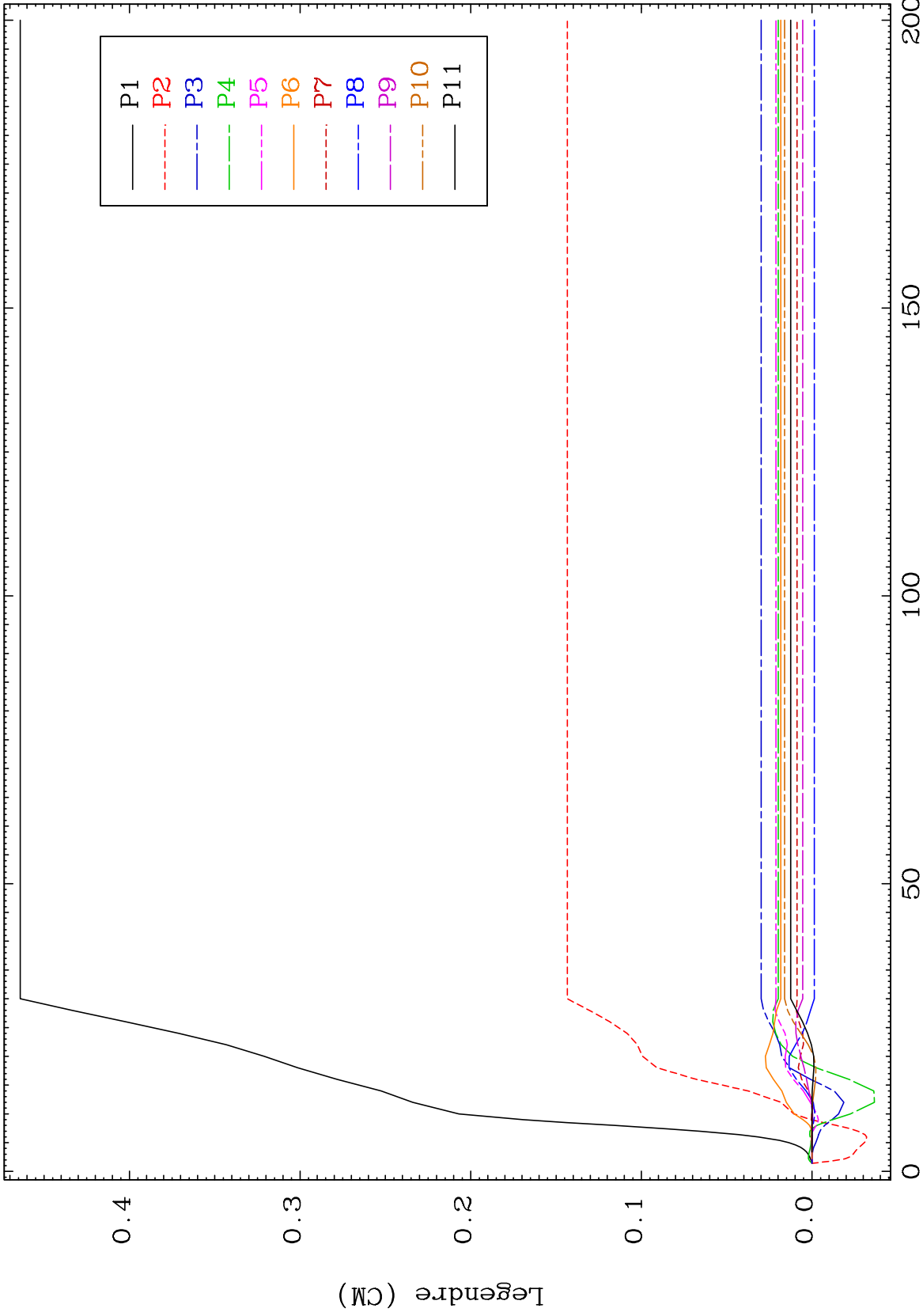
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



77

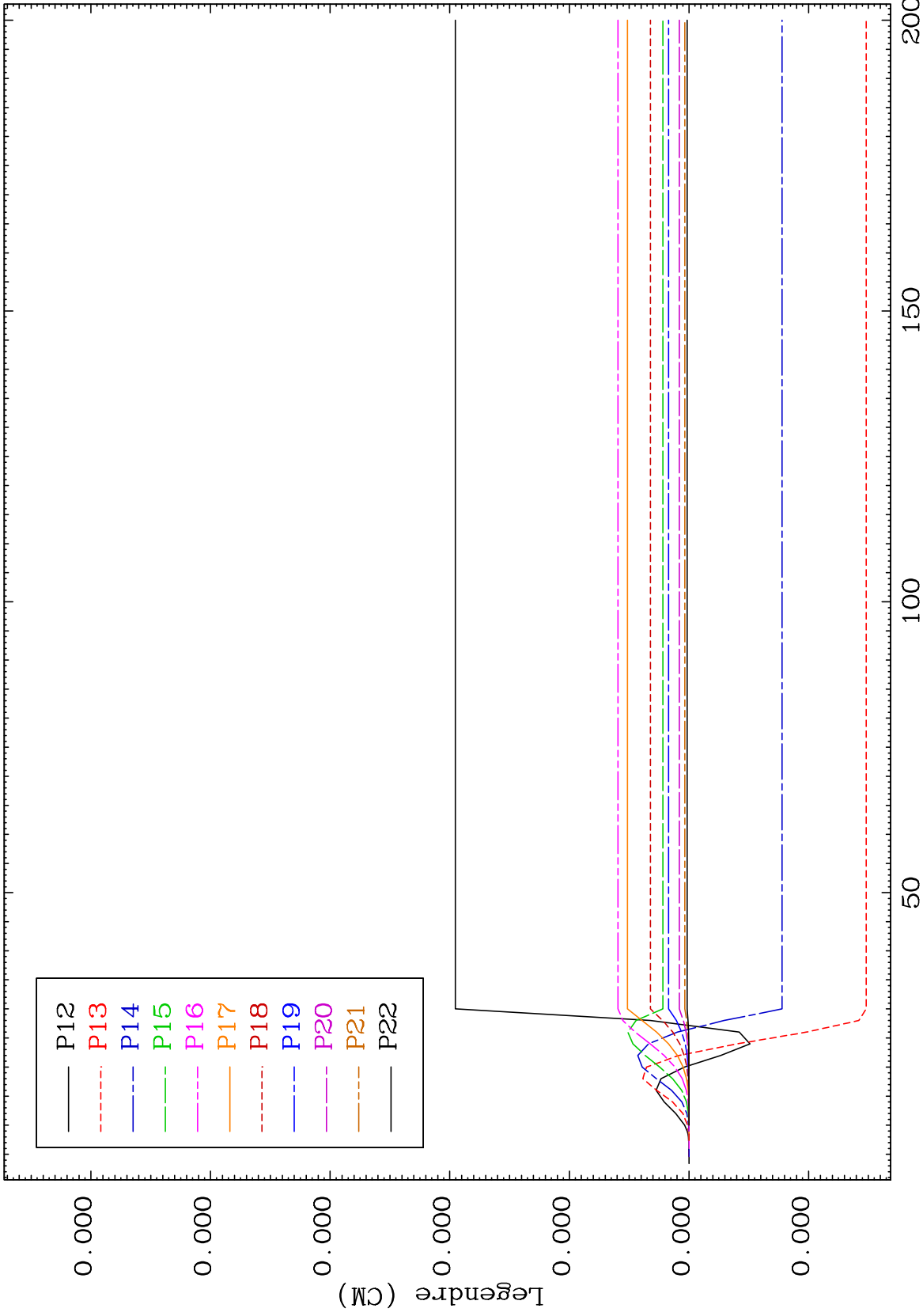
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



78

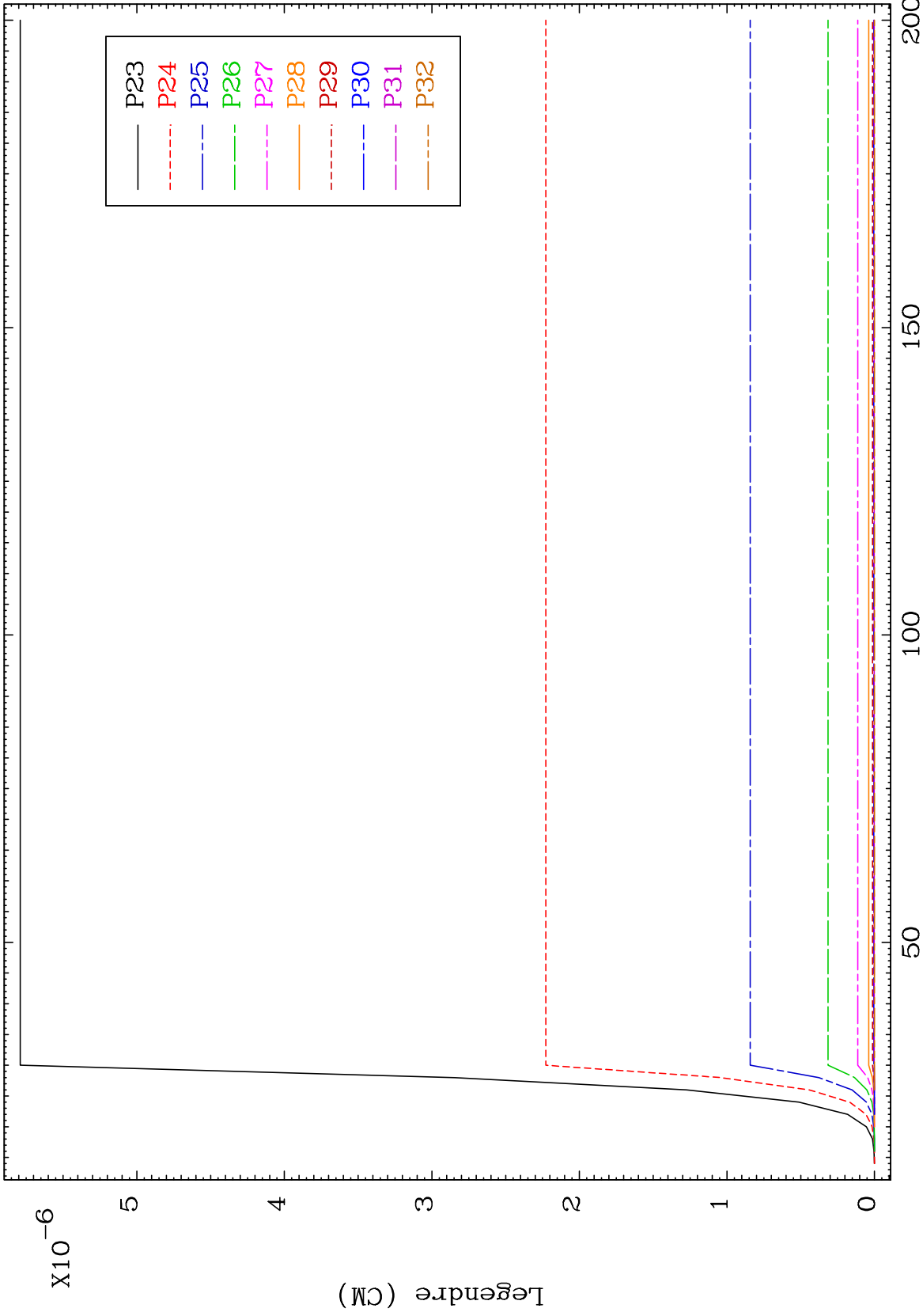
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58

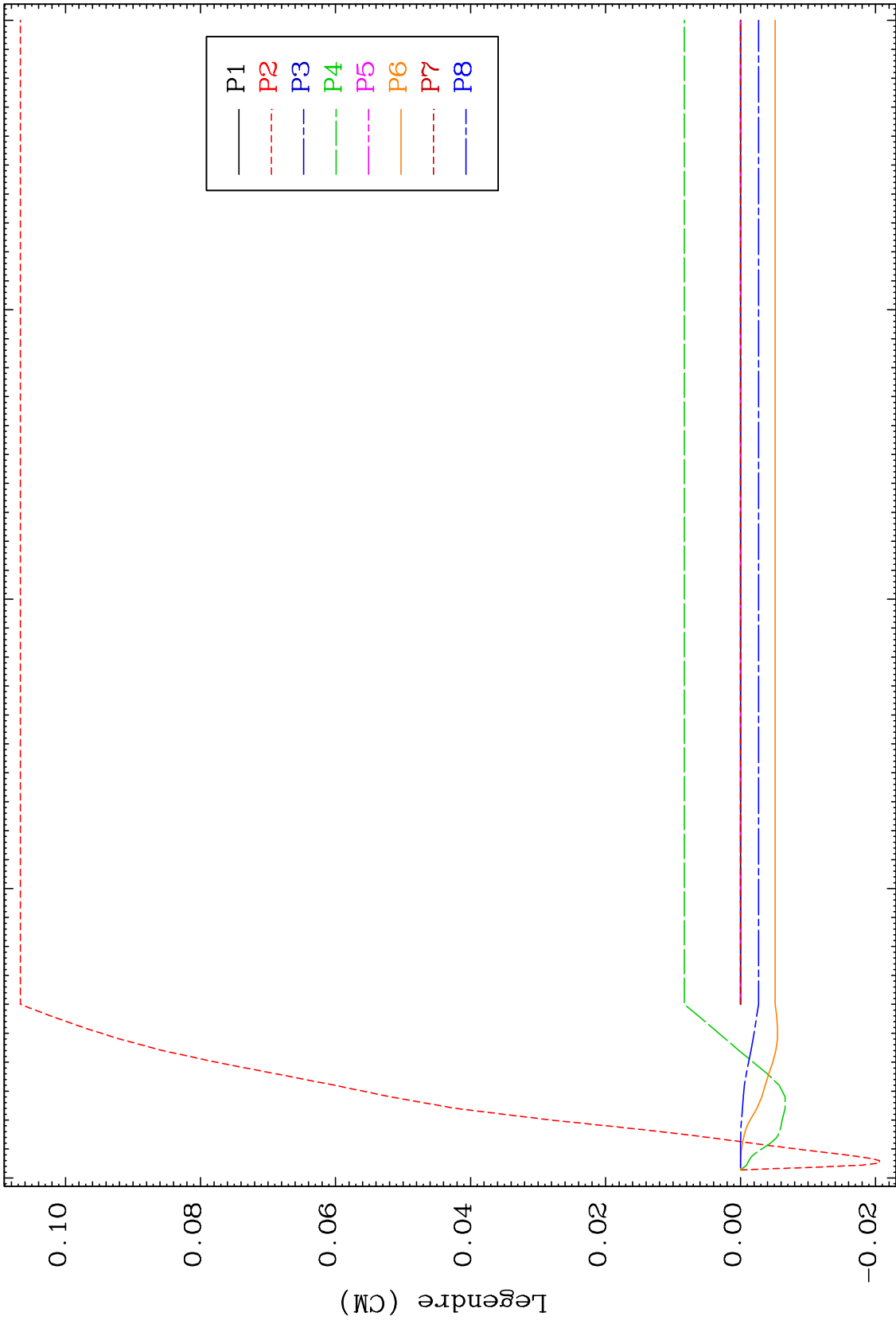


79

Incident Energy (MeV)

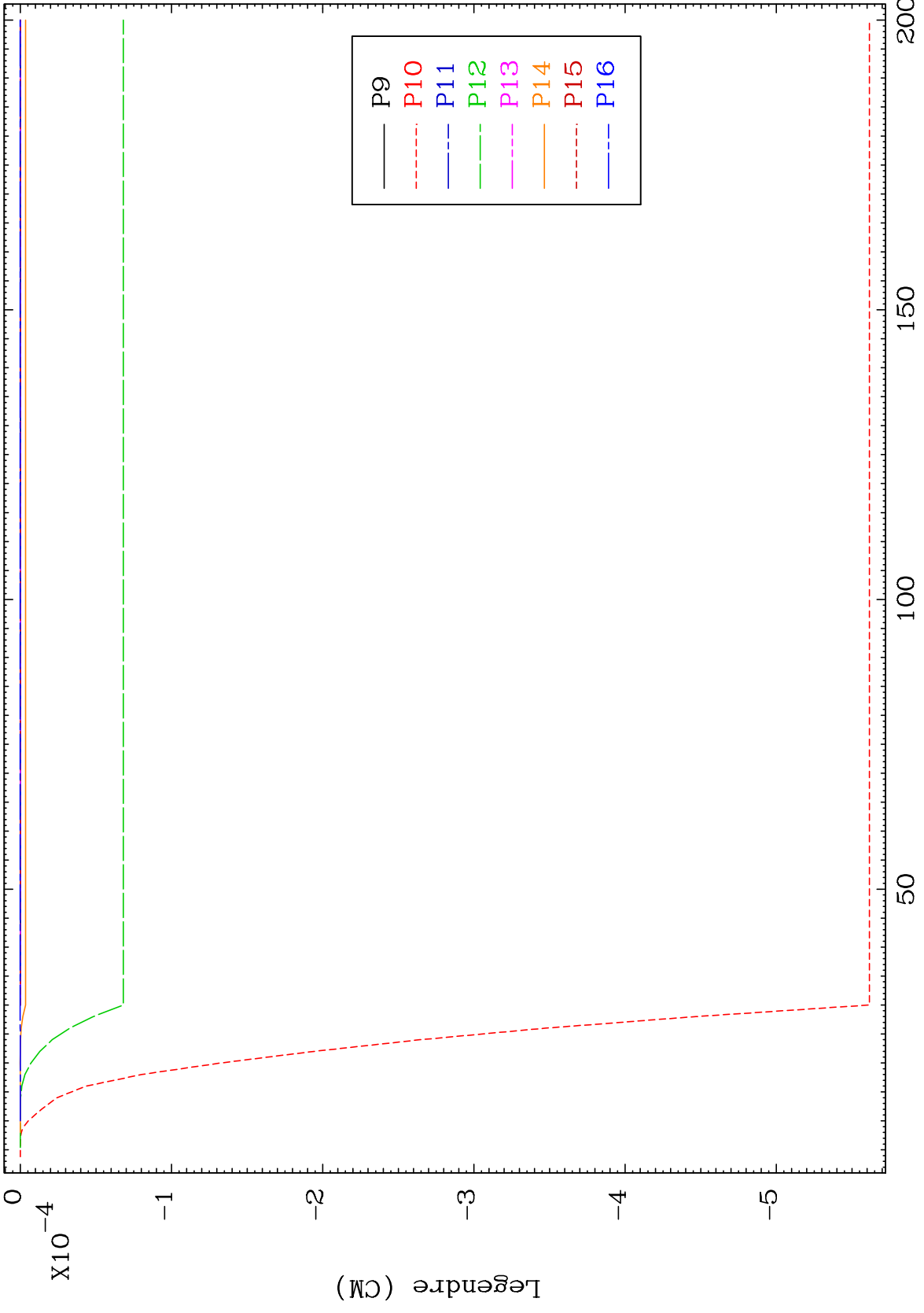
25-Mn-58

MAT 2534 MT= 72 (n,n') Level Legendre Coefficients 25-Mn-58

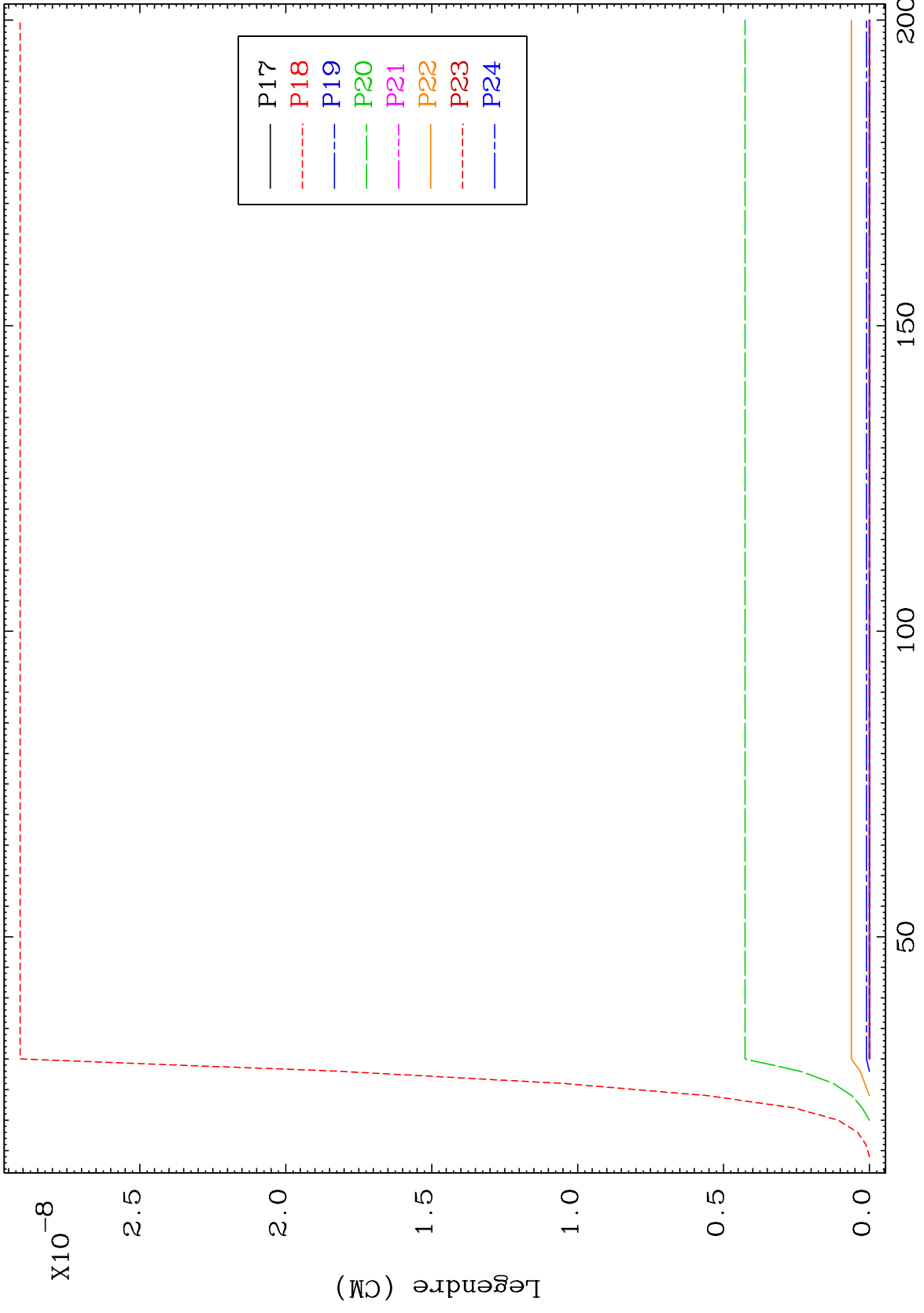


Legendre (CM) Incident Energy (MeV) 25-Mn-58

MAT 2534 MT= 72 (n,n') Level Legendre Coefficients 25-Mn-58



MAT 2534 MT= 72 (n,n') Level Legendre Coefficients 25-Mn-58

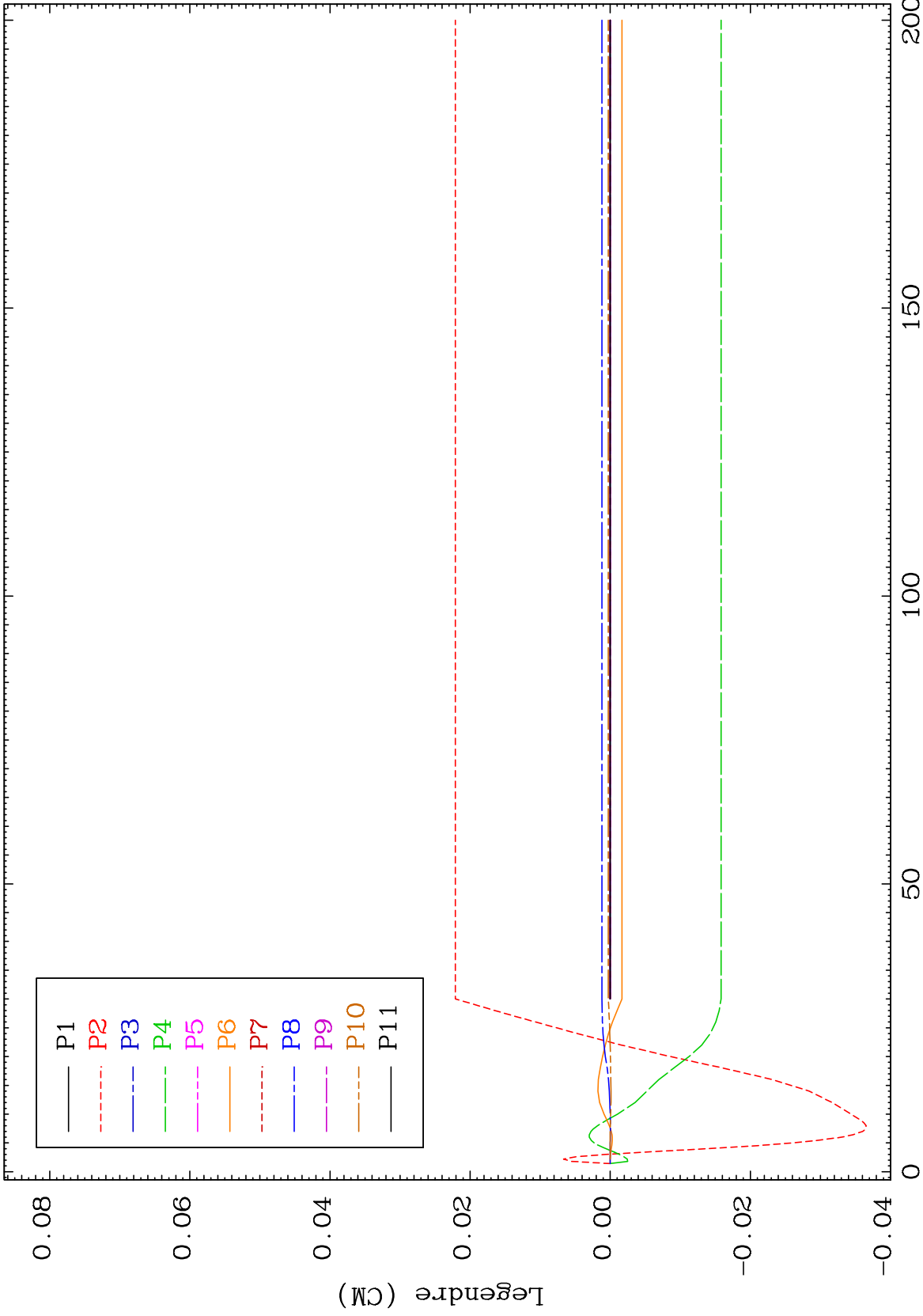


82 25-Mn-58

MAT 2534

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

25-Mn-58

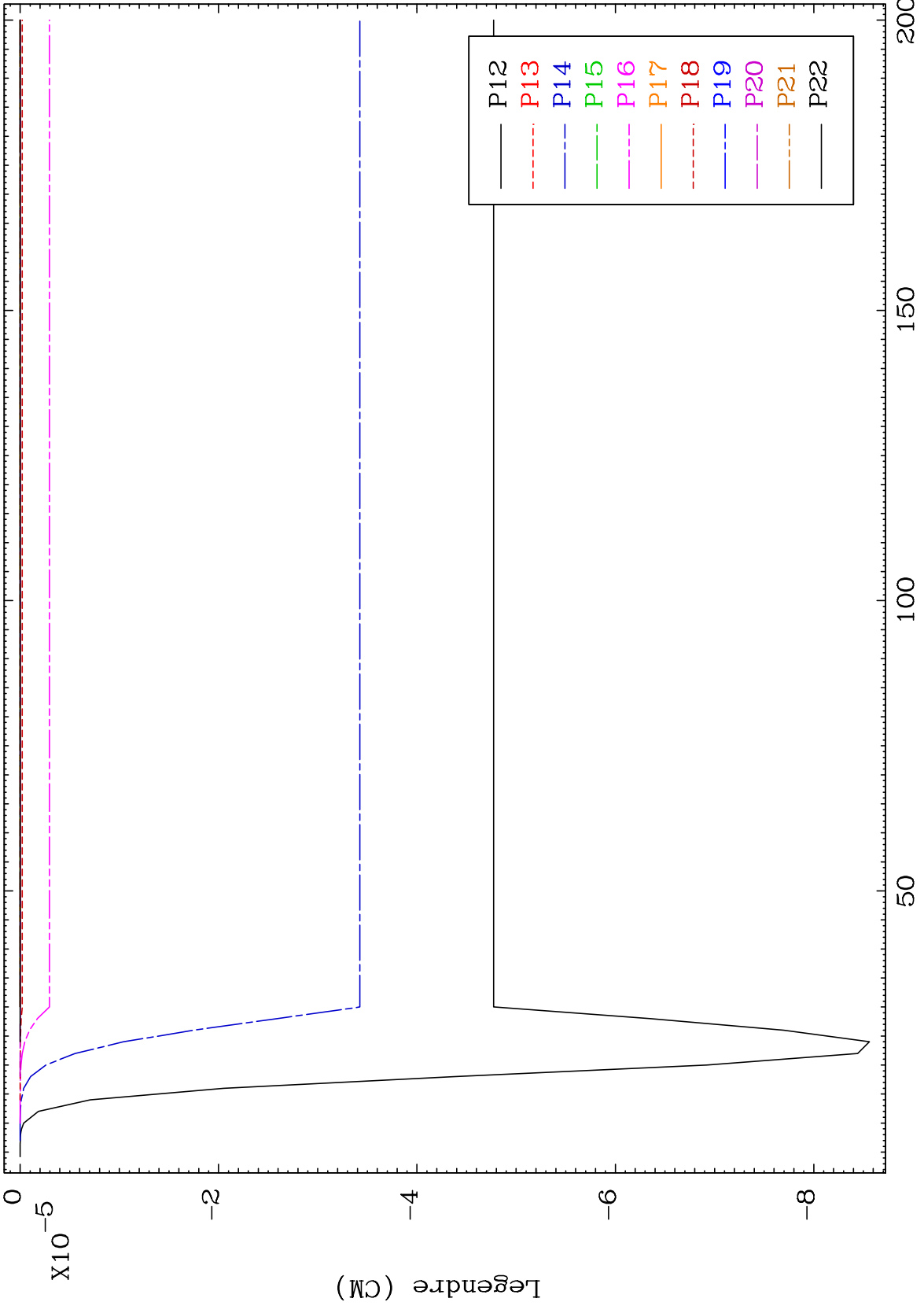


83

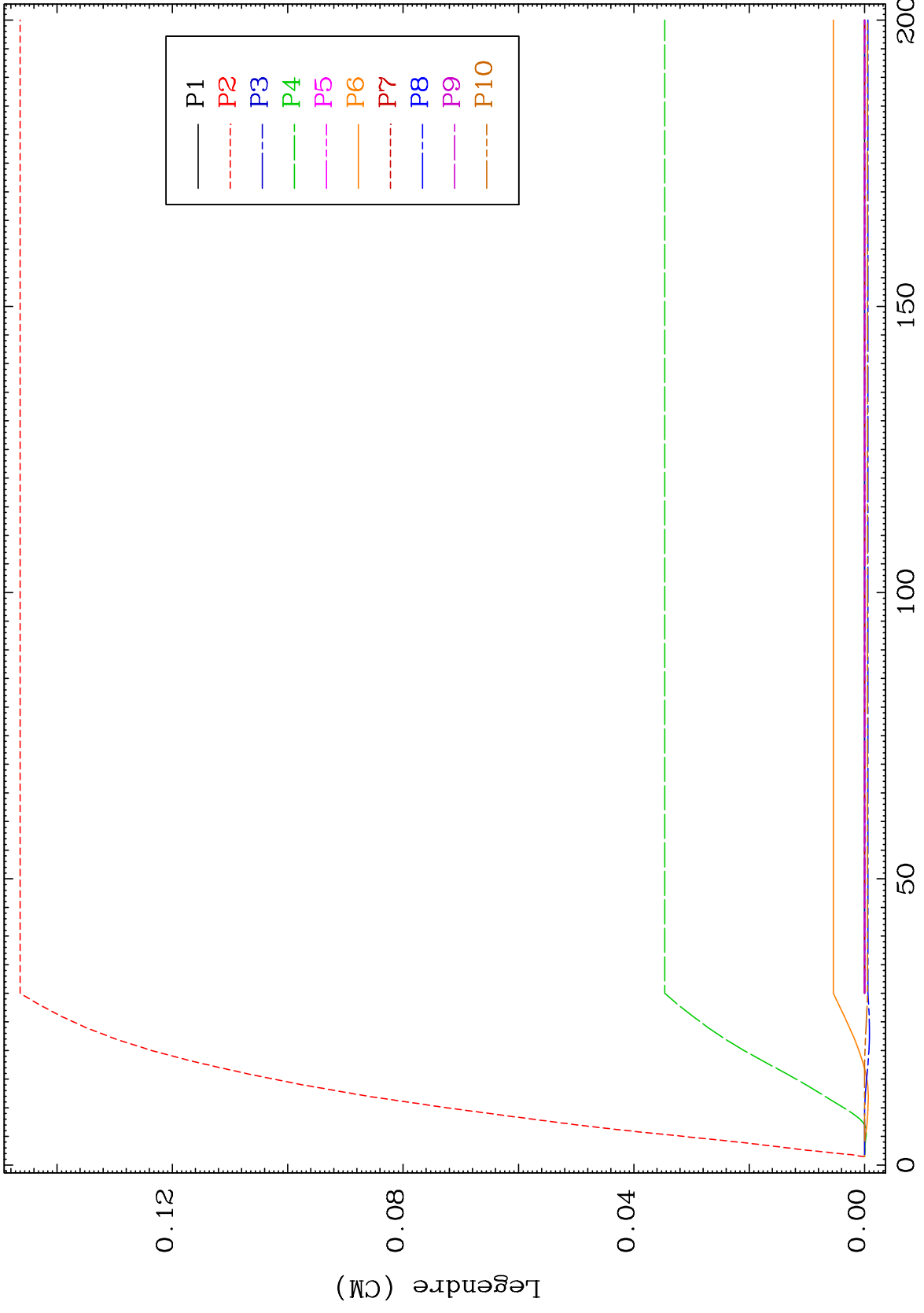
Incident Energy (MeV)

25-Mn-58

MAT 2534 MT= 73 (n,n') Level Legendre Coefficients 25-Mn-58



MAT 2534 MT= 74 (n,n') Level Legendre Coefficients 25-Mn-58

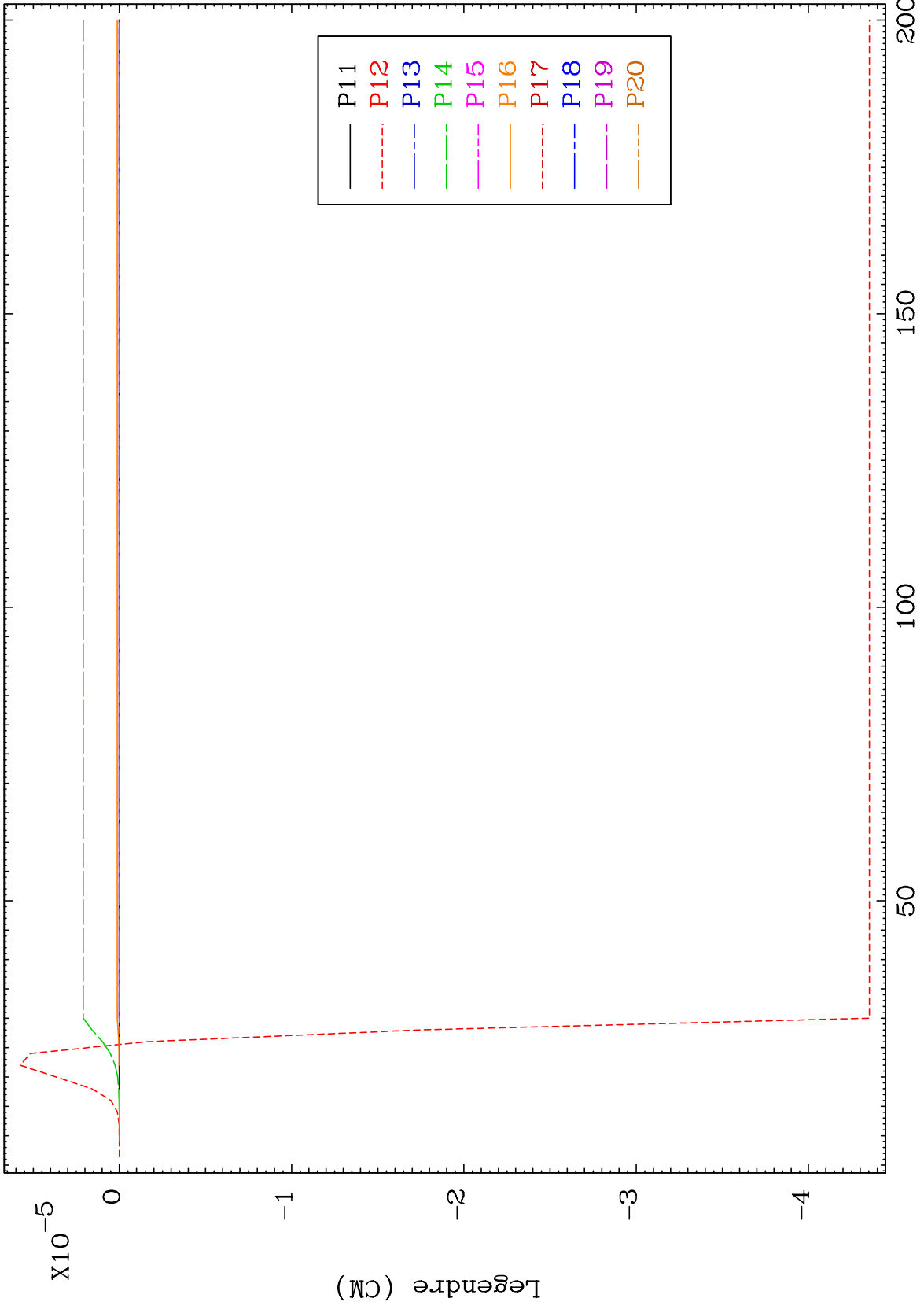


85 Incident Energy (MeV) 25-Mn-58

MAT 2534

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

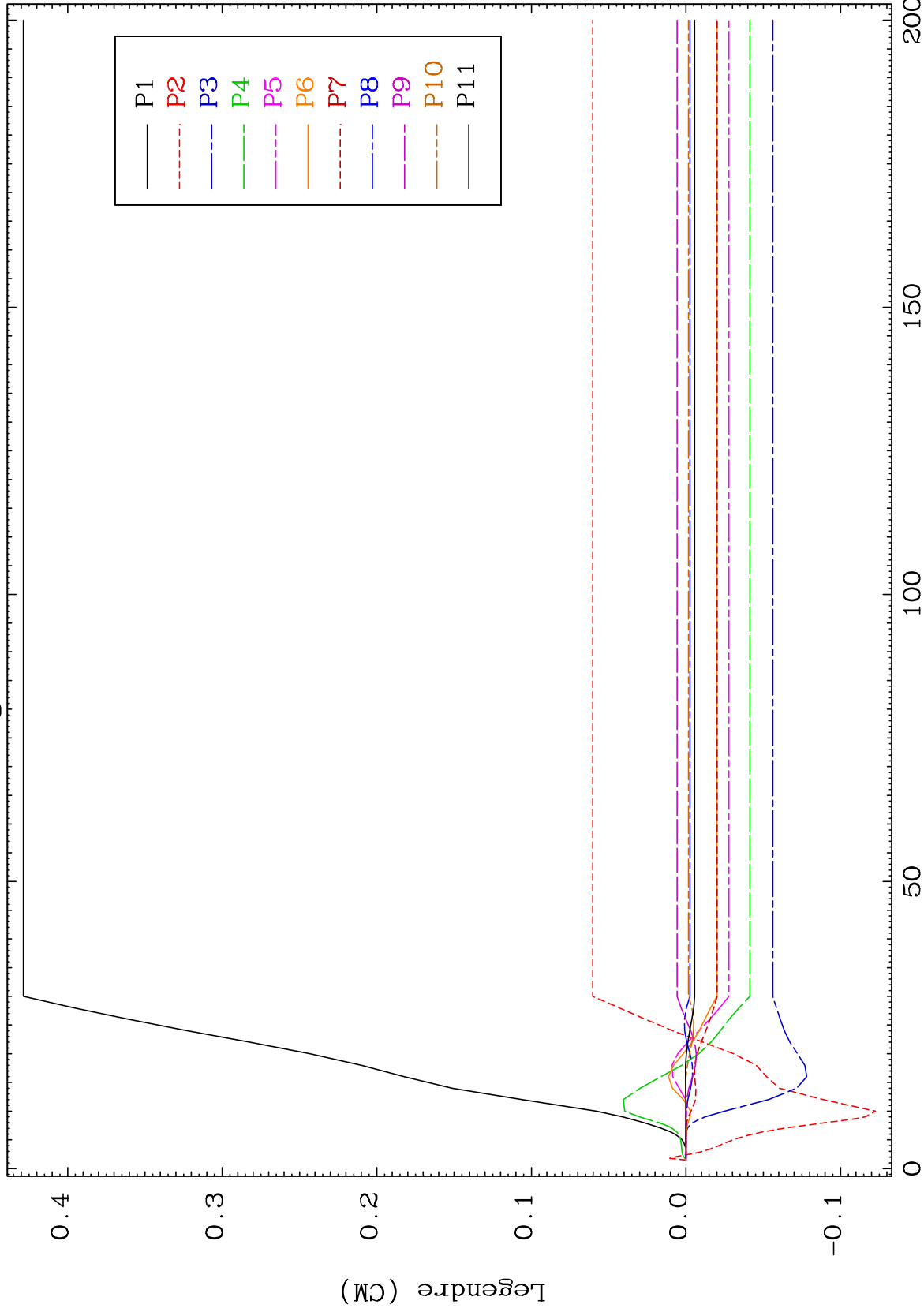
25-Mn-58



MAT 2534

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

25-Mn-58



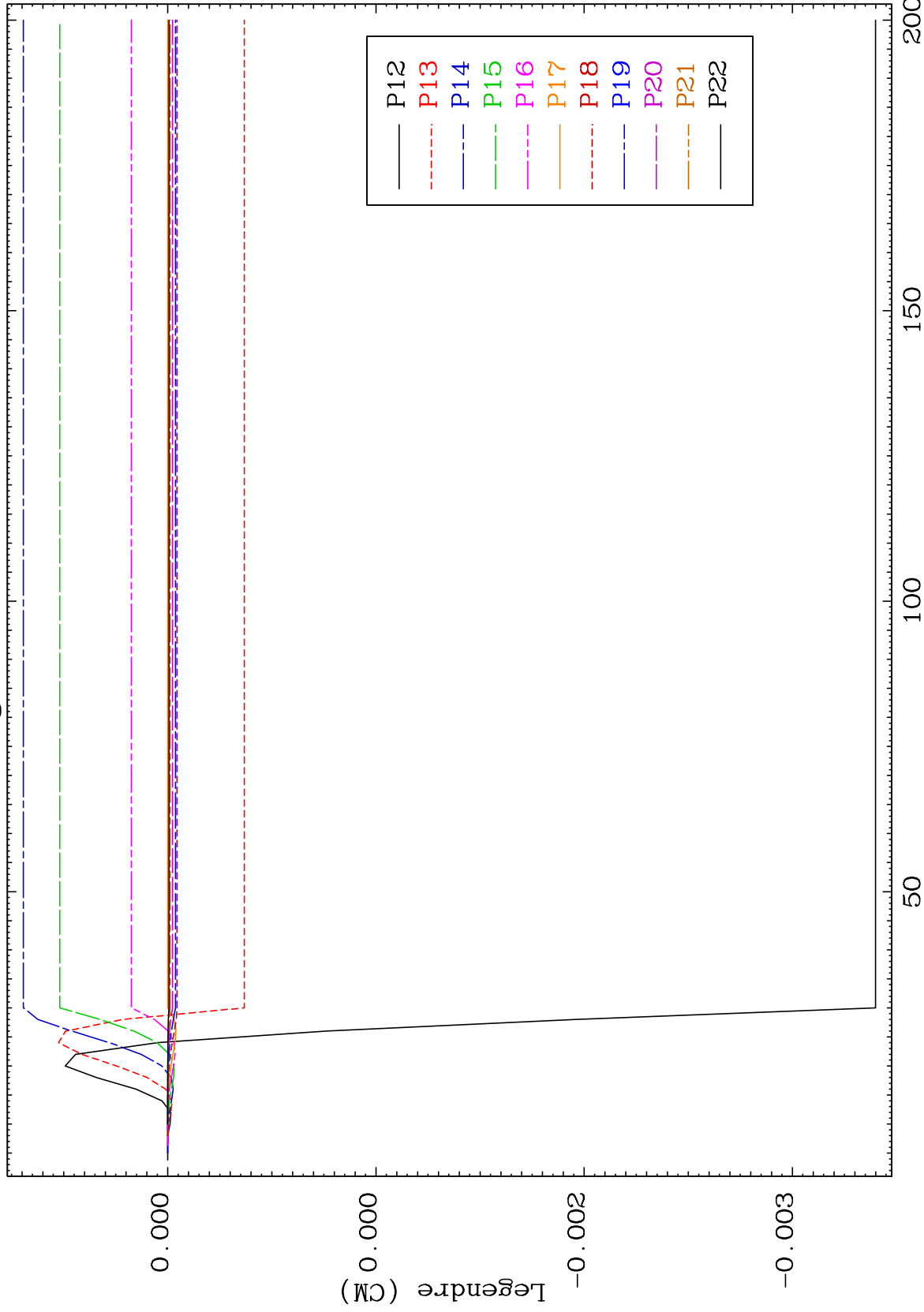
87

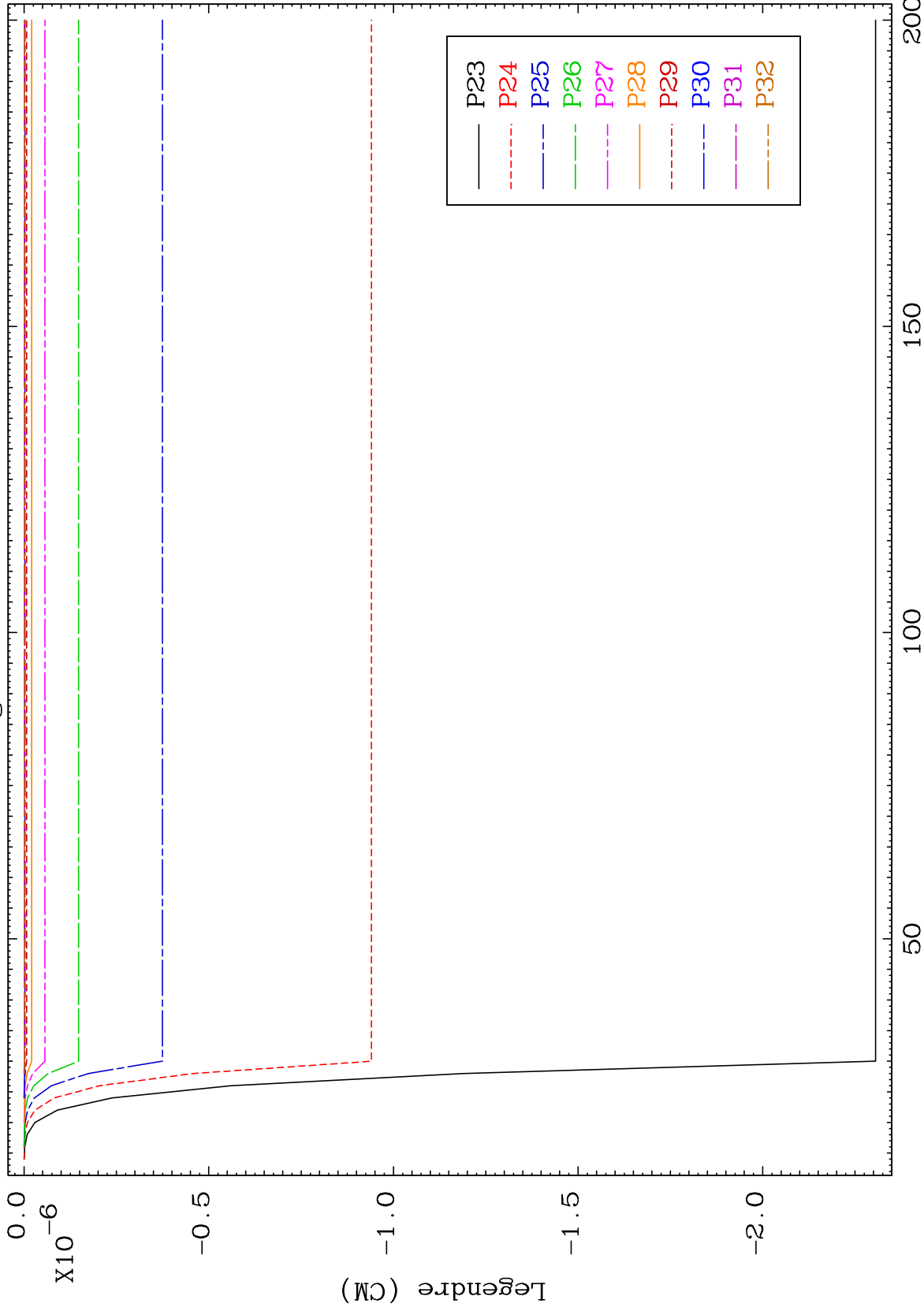
25-Mn-58

MAT 2534

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

25-Mn-58

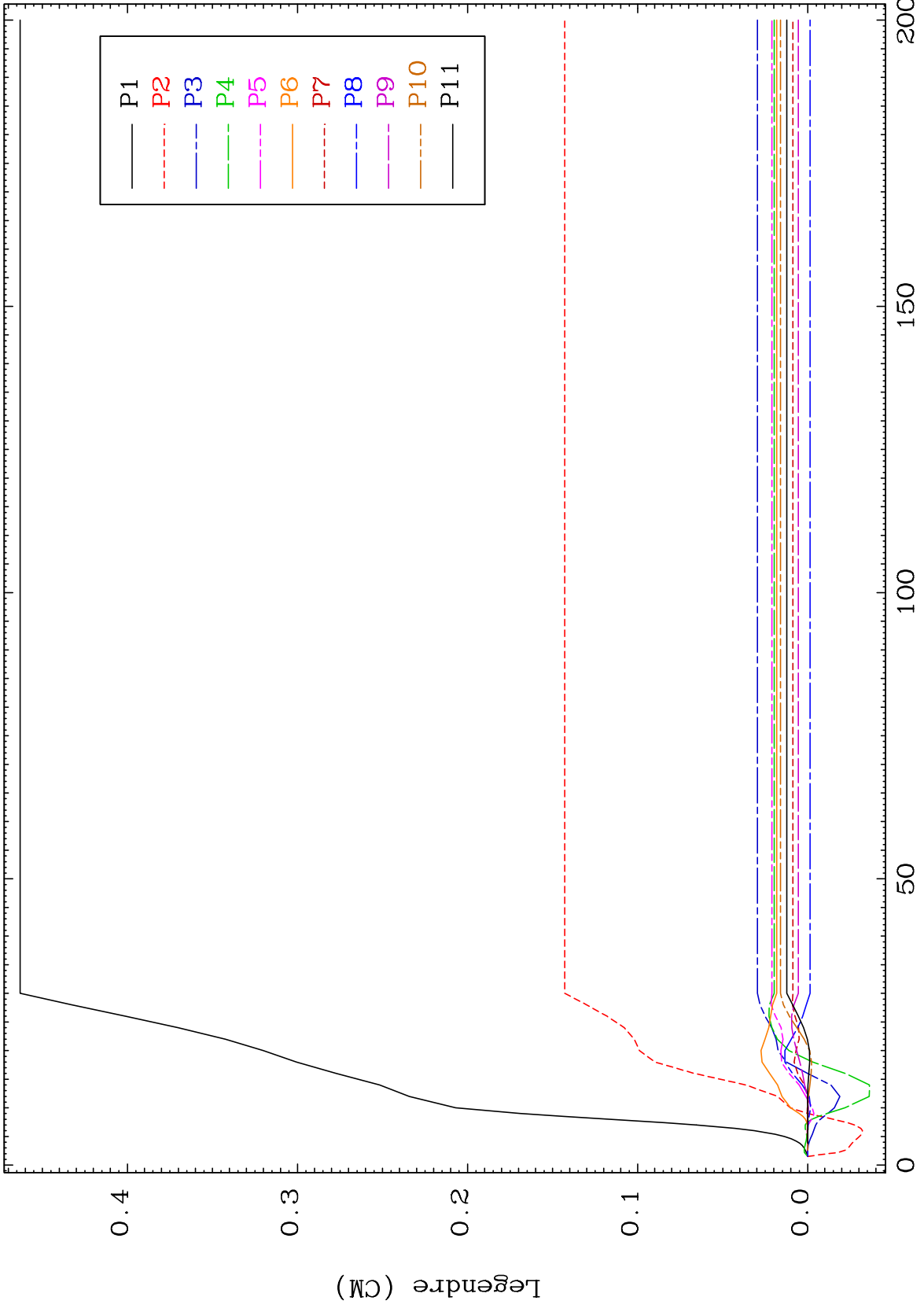




MAT 2534

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

25-Mn-58



25-Mn-58

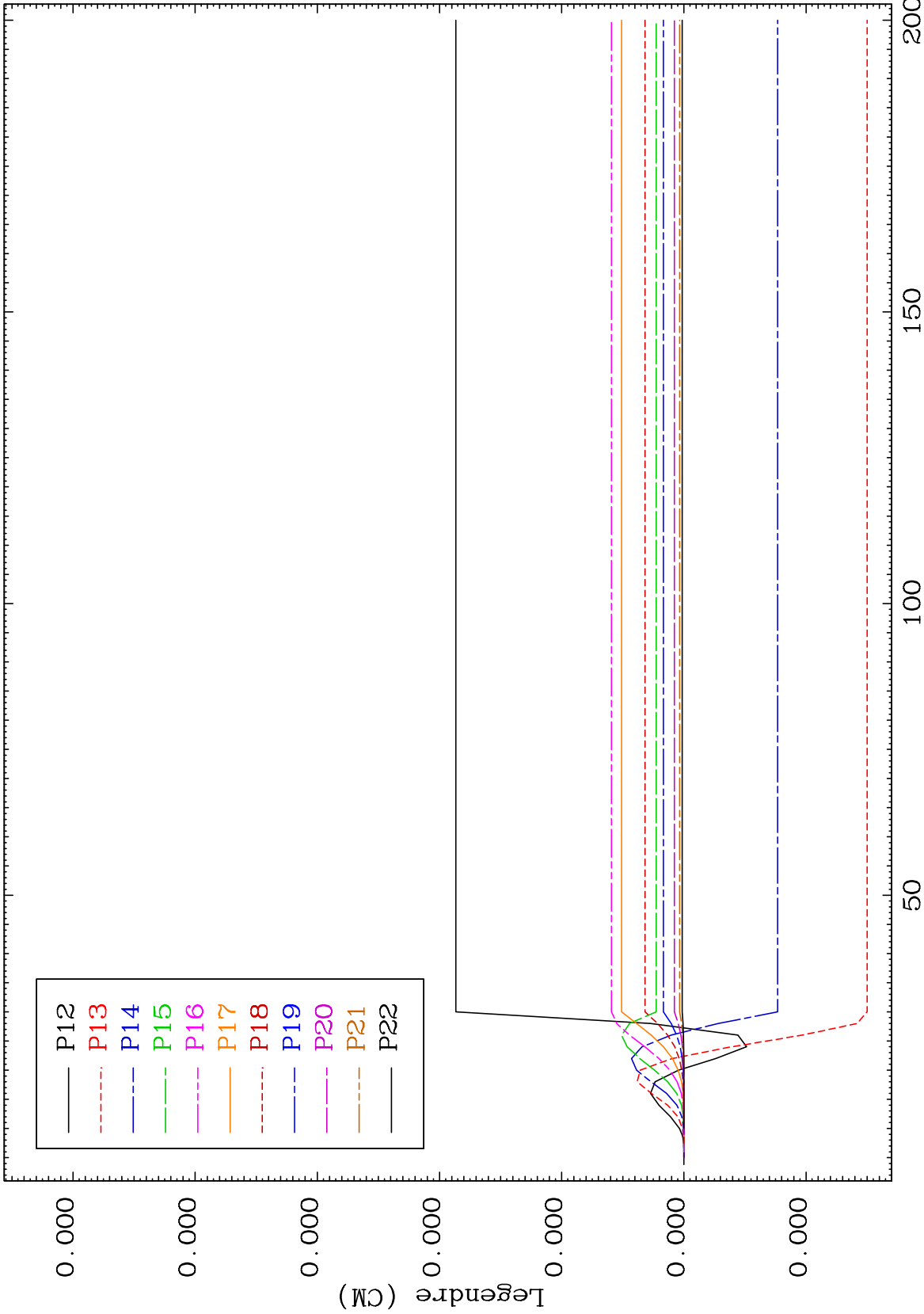
Incident Energy (MeV)

90

MAT 2534

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

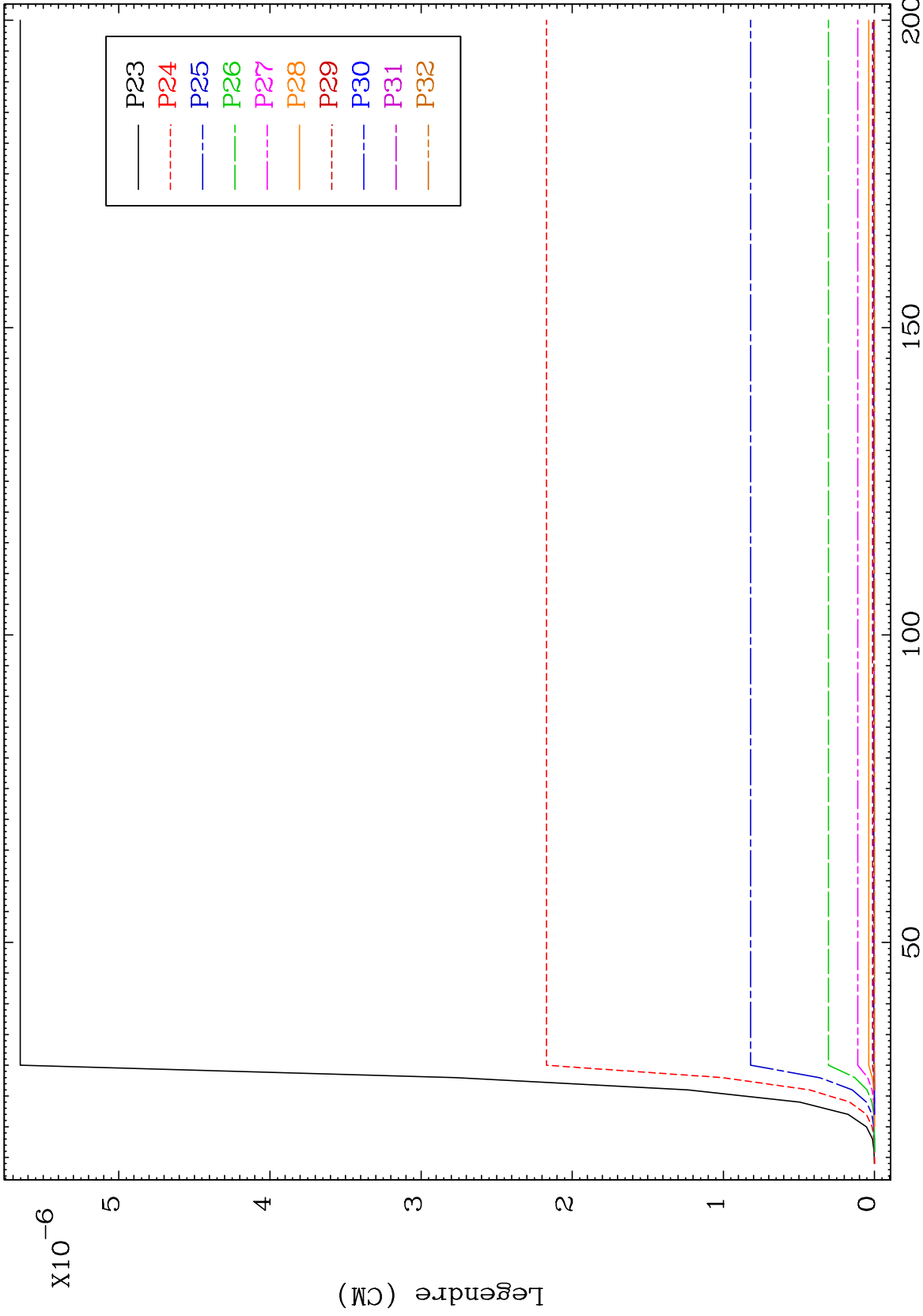
25-Mn-58



MAT 2534

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

25-Mn-58



92

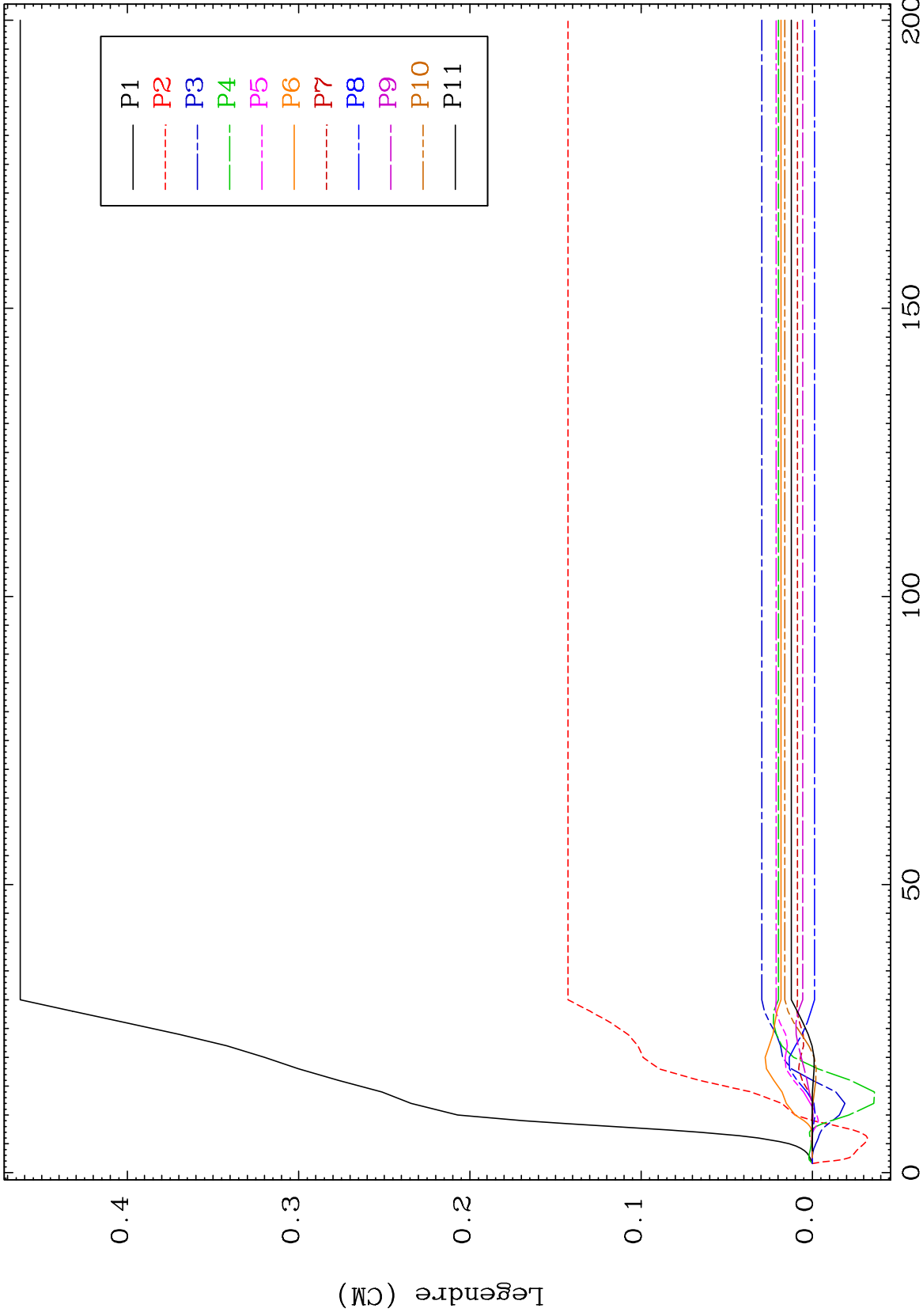
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



93

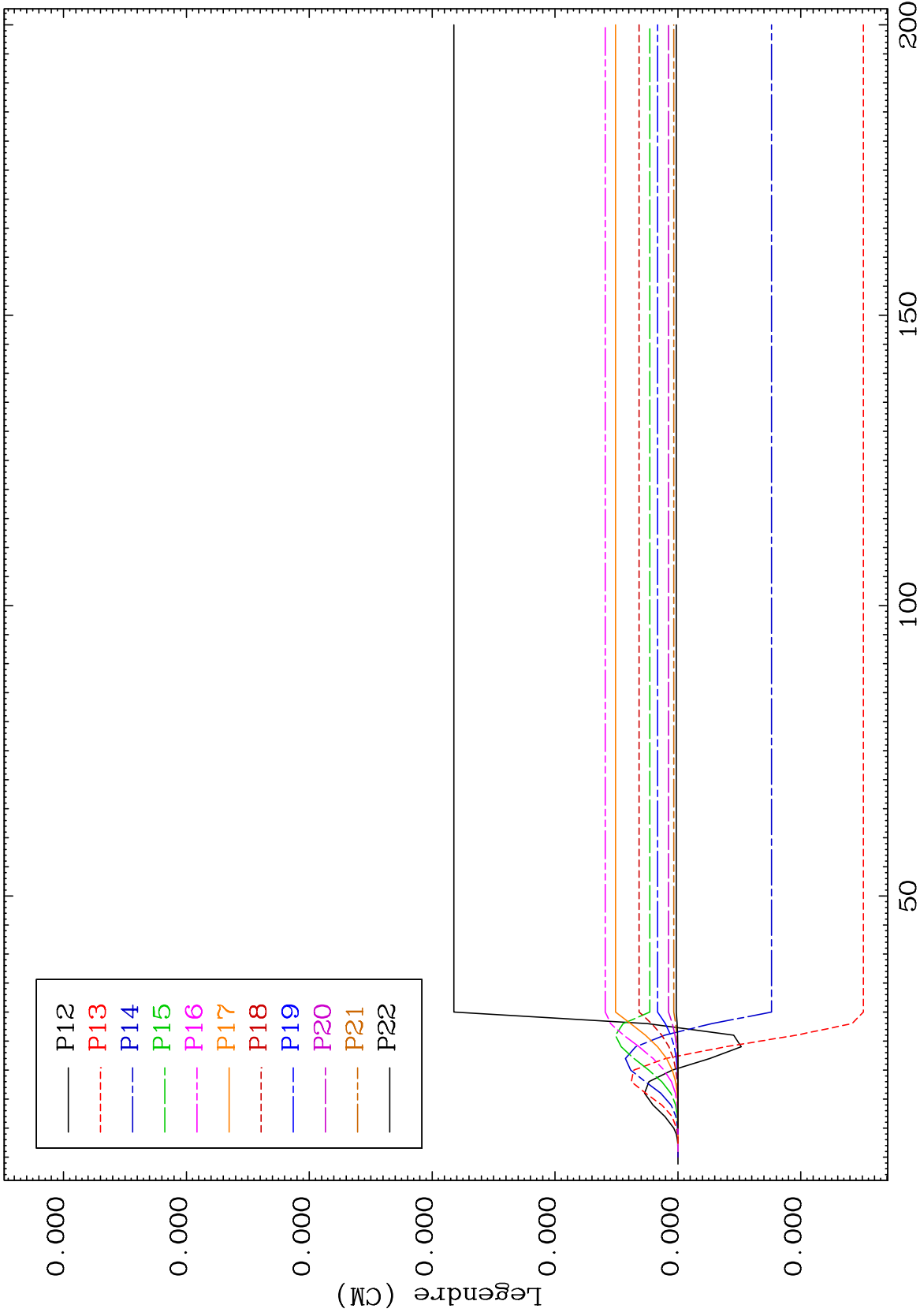
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



94

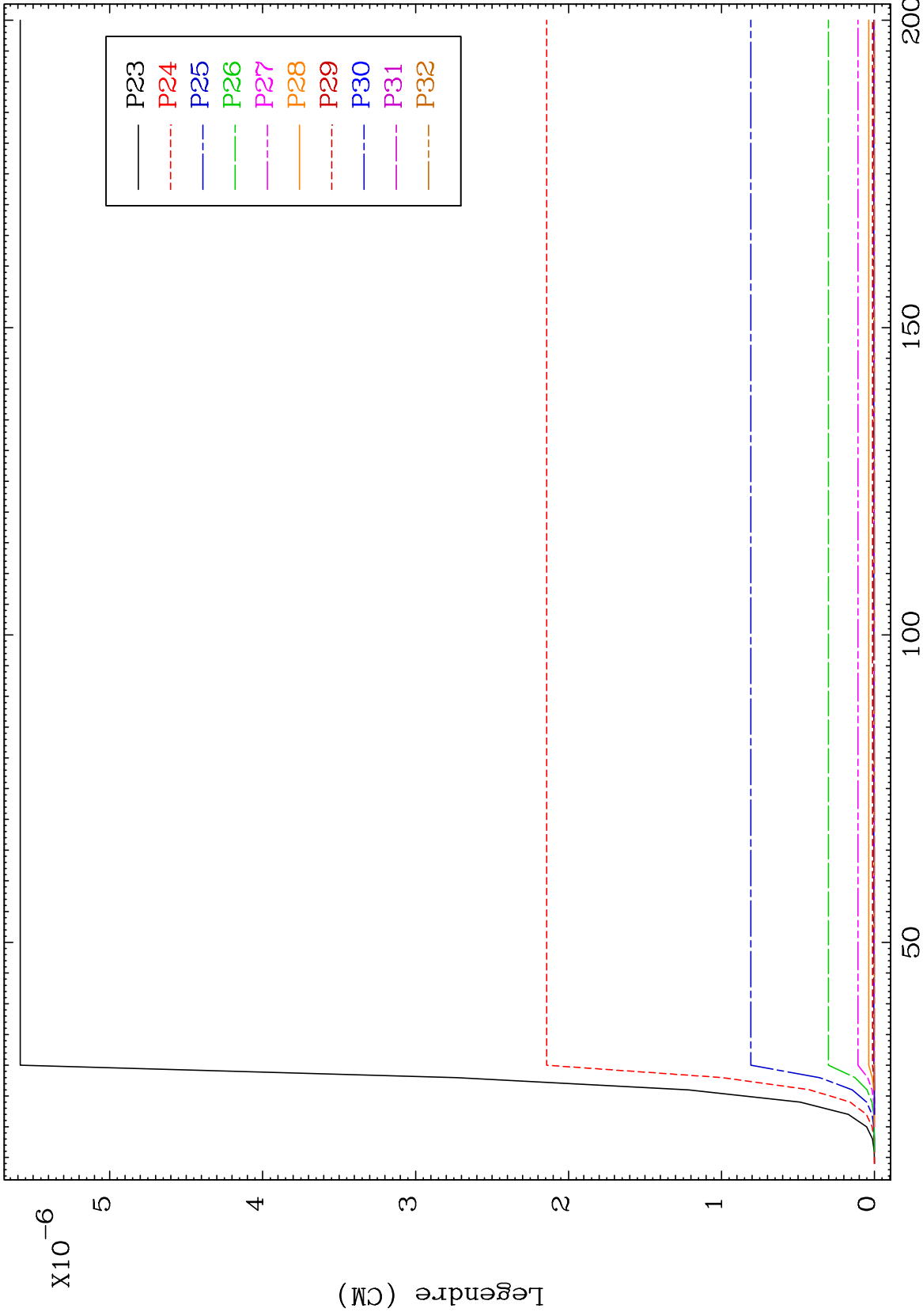
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58

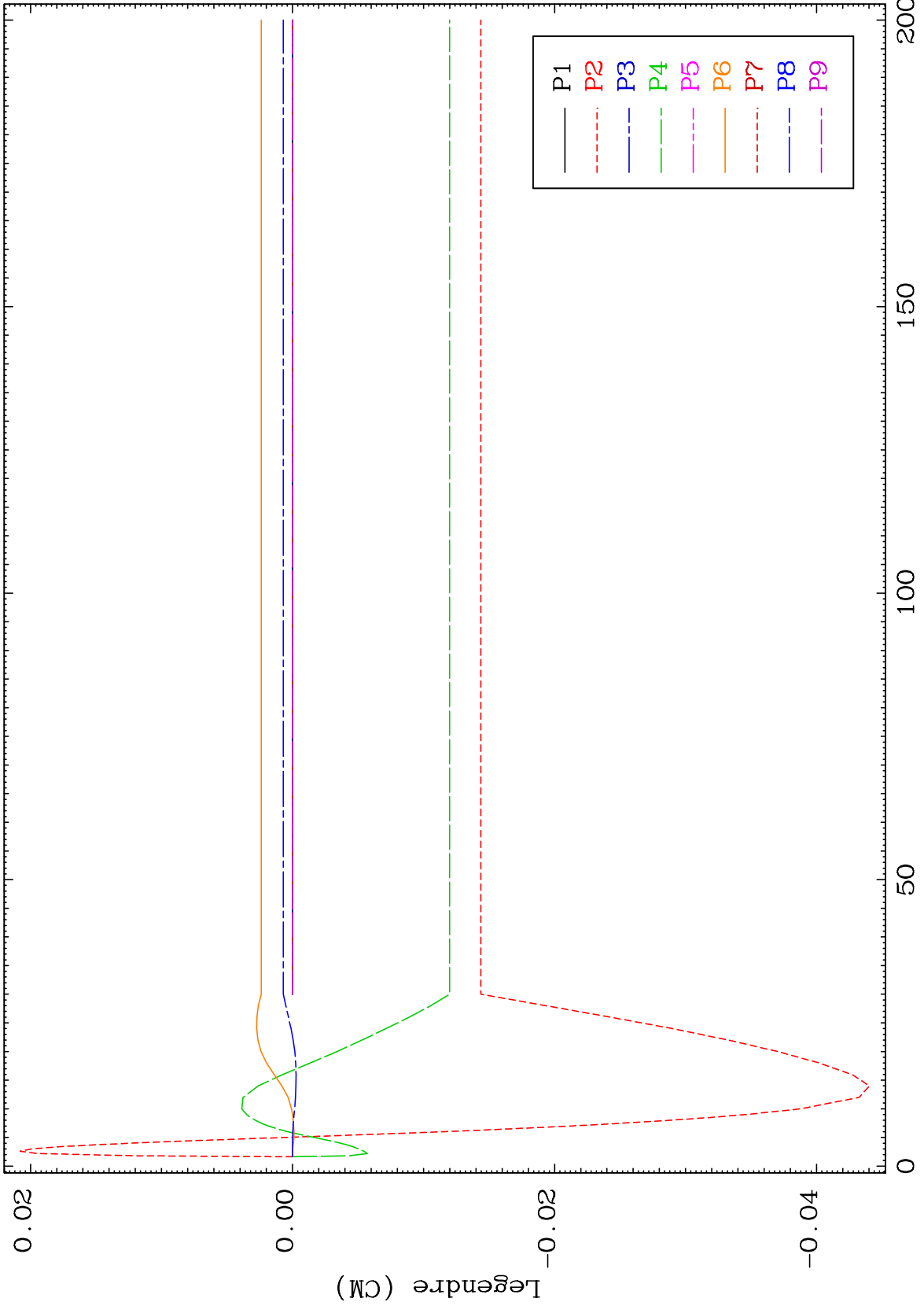


95

Incident Energy (MeV)

25-Mn-58

MAT 2534 MT= 78 (n,n') Level Legendre Coefficients 25-Mn-58

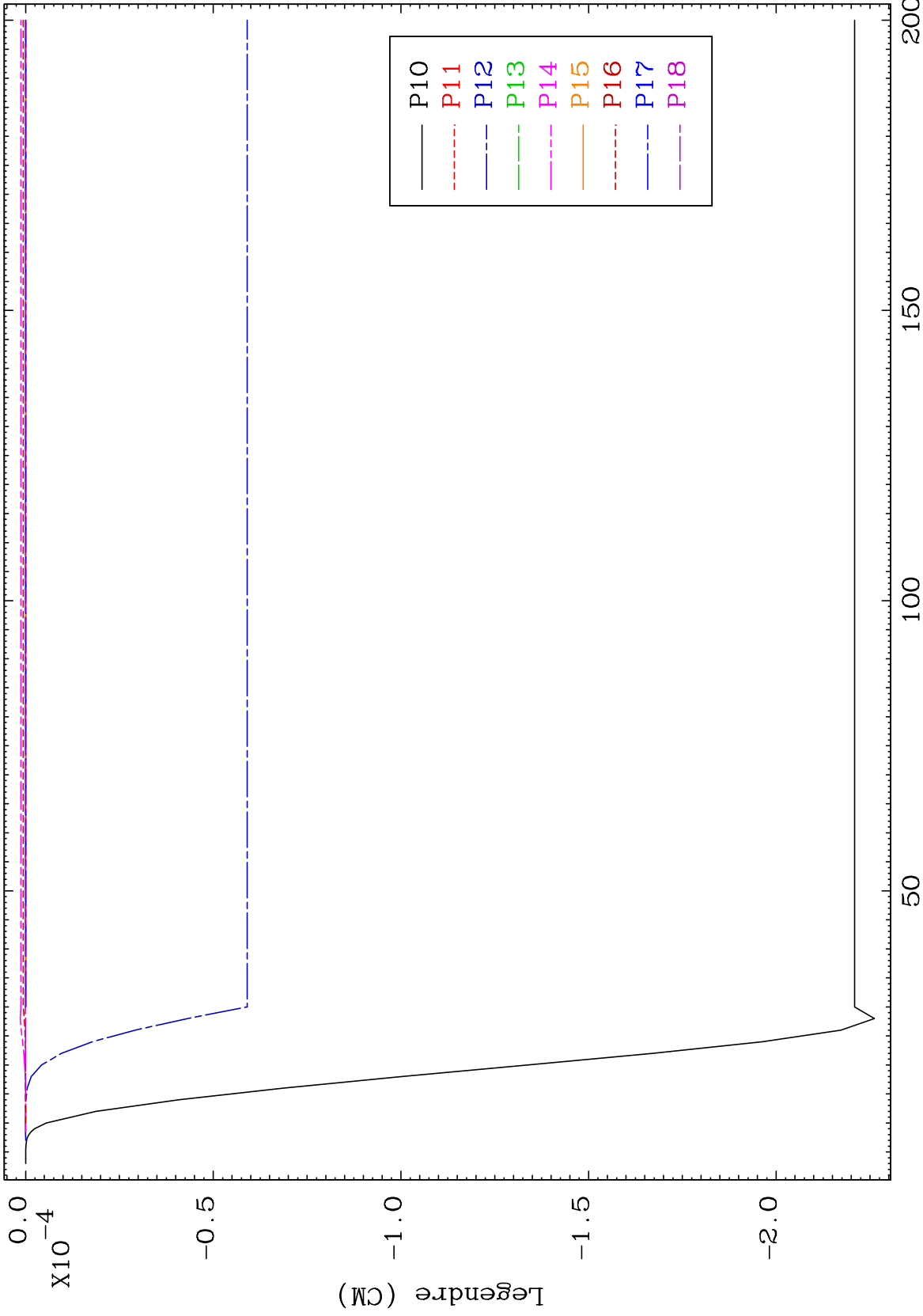


96 25-Mn-58

MAT 2534

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

25-Mn-58

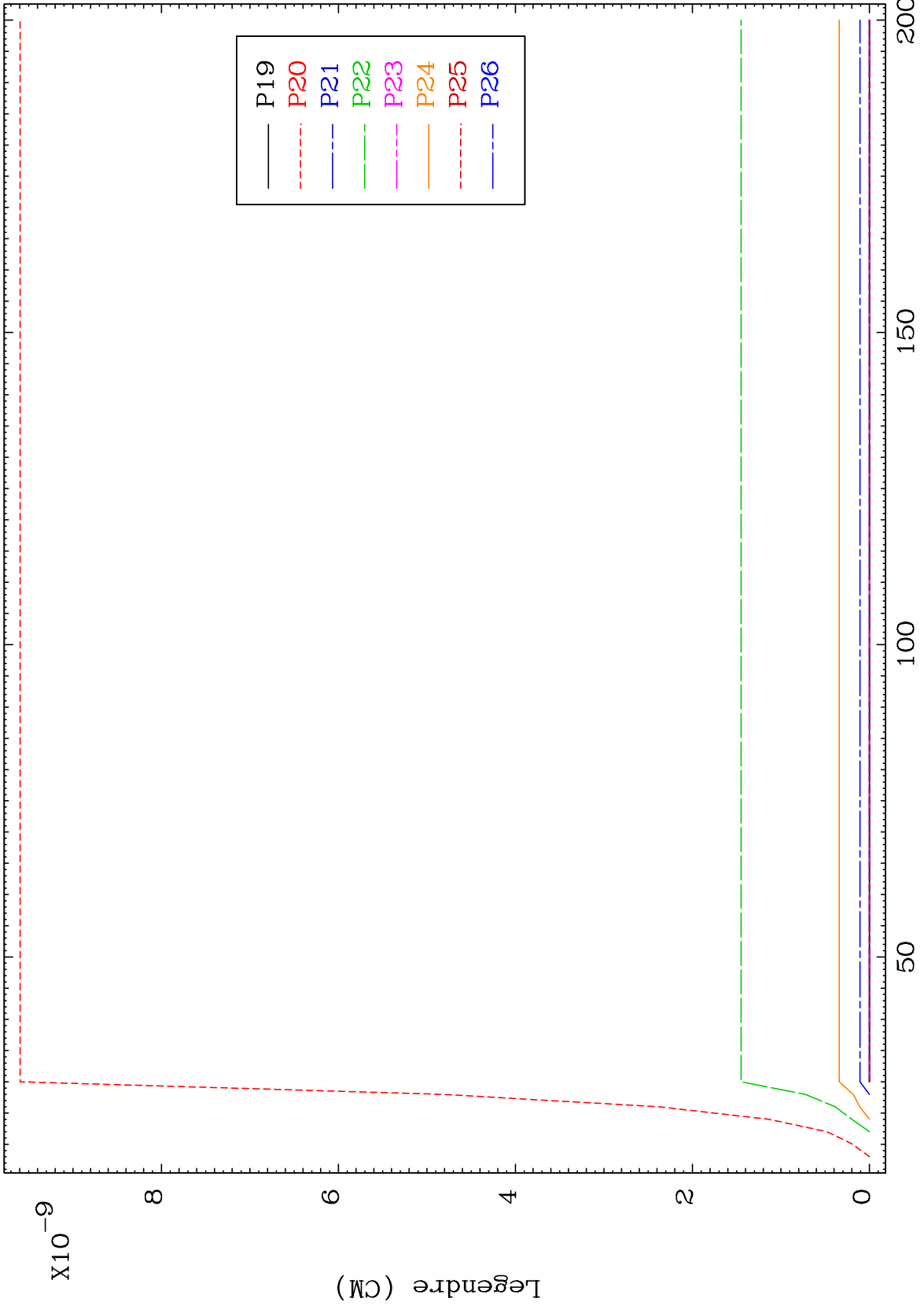


97

Incident Energy (MeV)

25-Mn-58

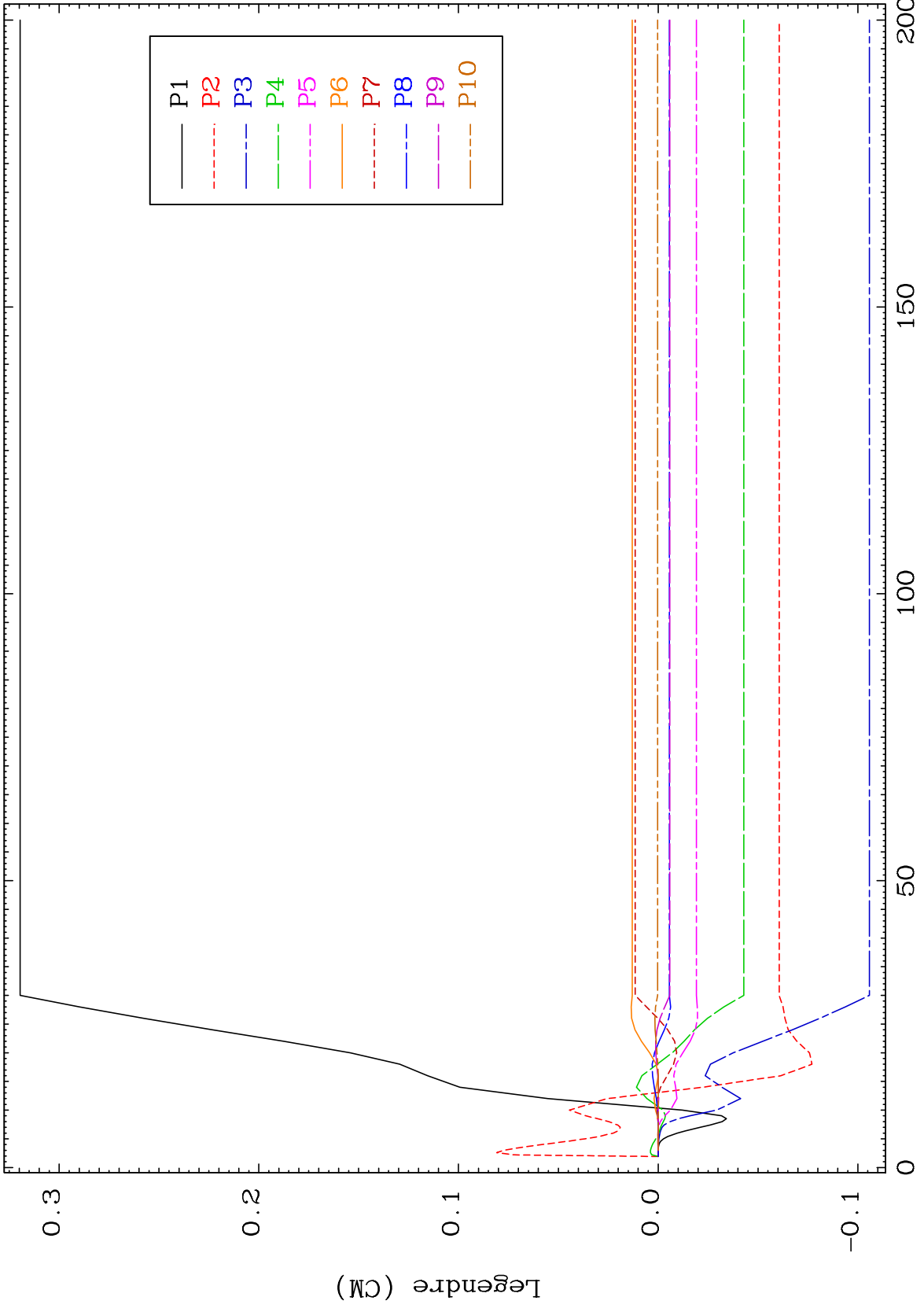
MAT 2534 MT= 78 (n,n') Level Legendre Coefficients 25-Mn-58



MAT 2534

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

25-Mn-58



99

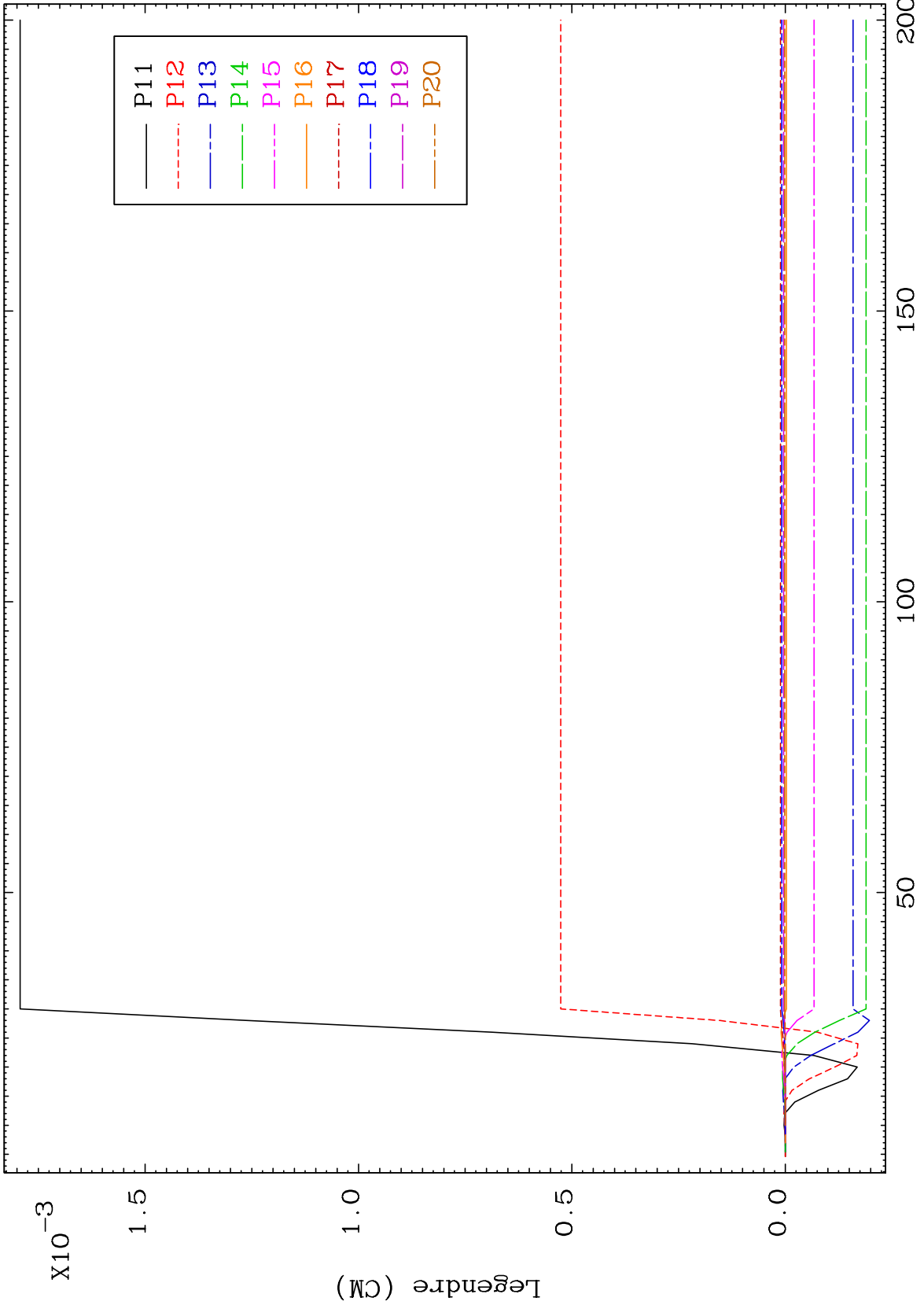
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58



100

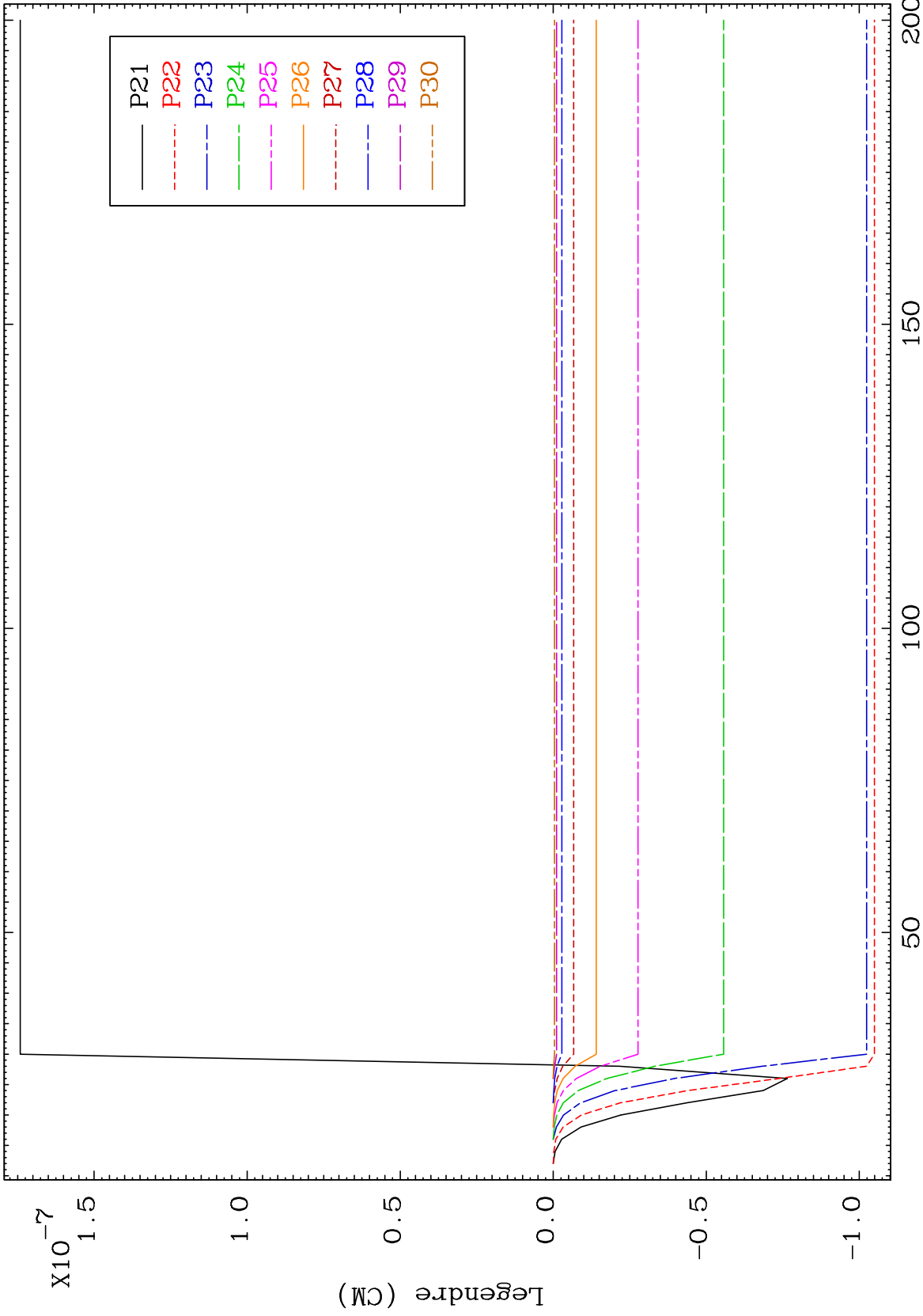
Incident Energy (MeV)

25-Mn-58

MAT 2534

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

25-Mn-58

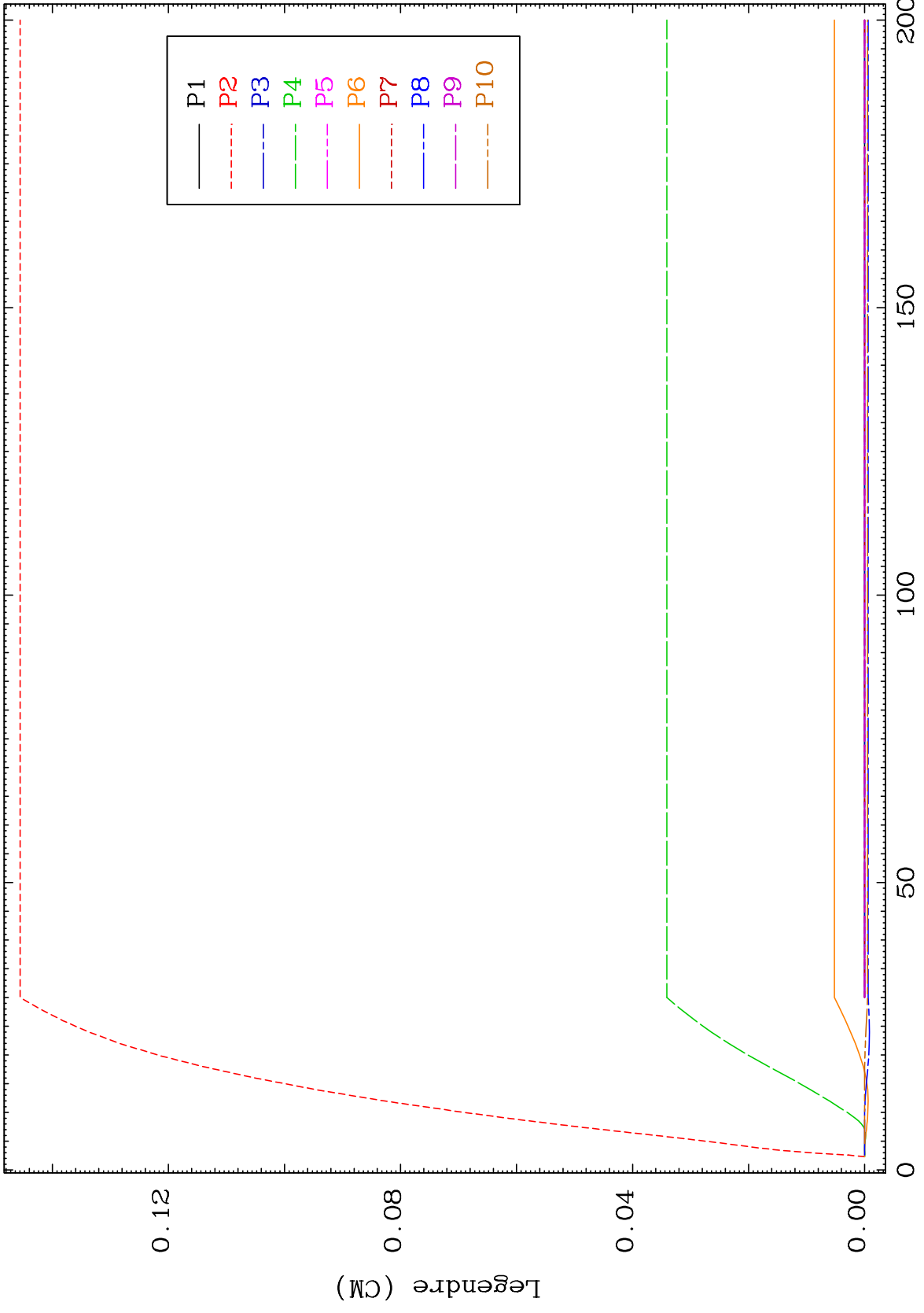


101

Incident Energy (MeV)

25-Mn-58

MAT 2534 MT= 80 (n,n') Level Legendre Coefficients 25-Mn-58

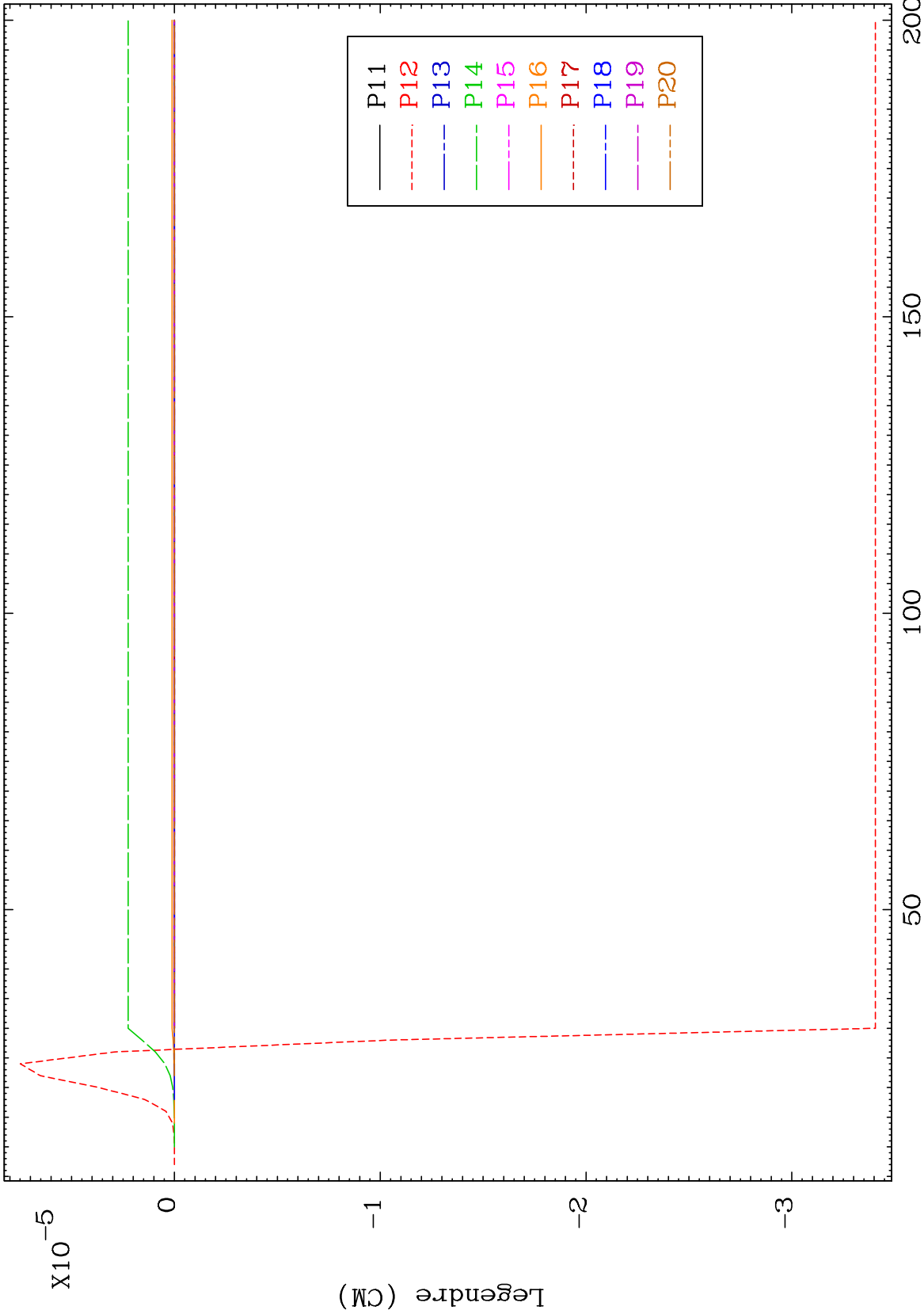


102 25-Mn-58

MAT 2534

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

25-Mn-58



103

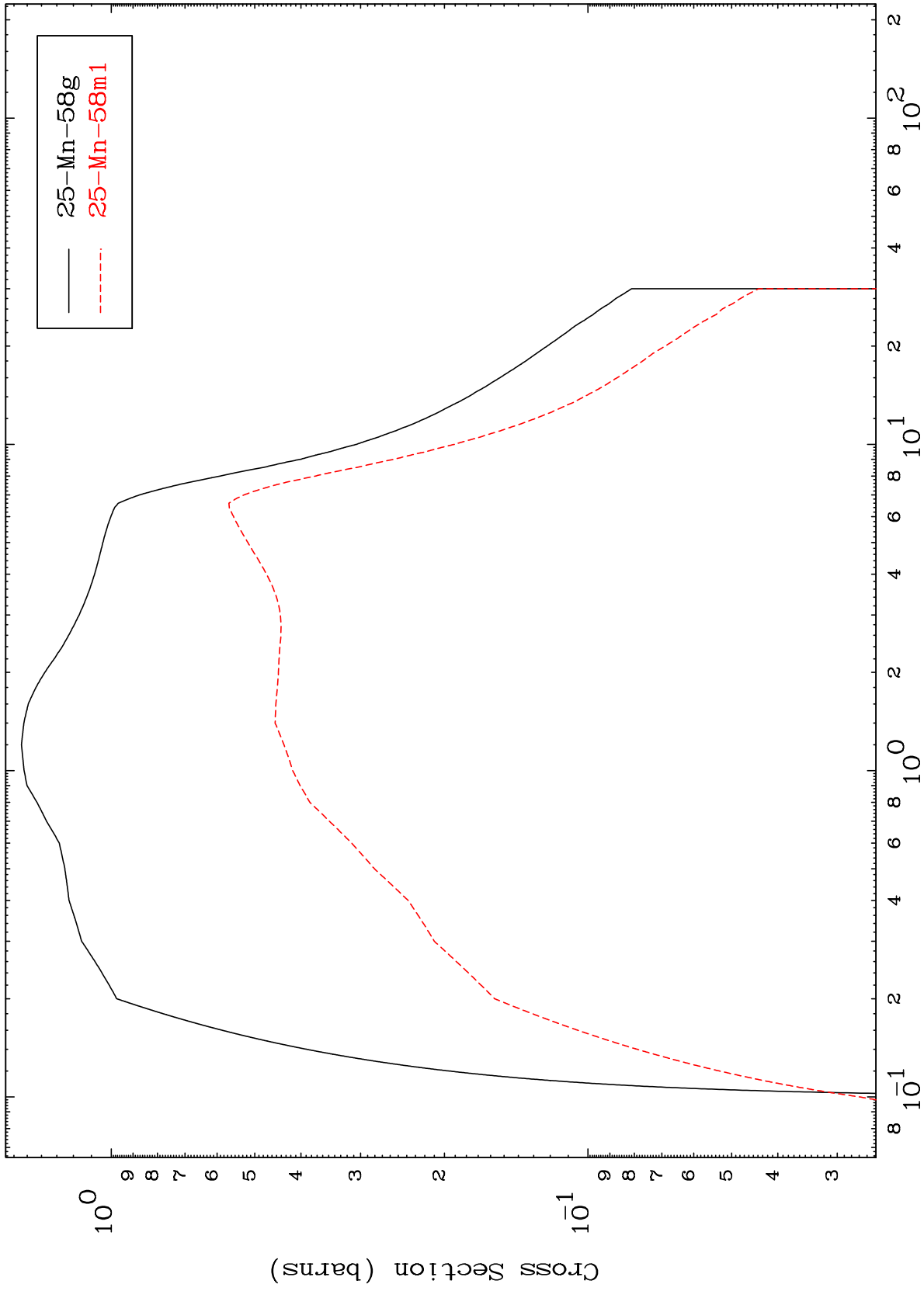
Incident Energy (MeV)

25-Mn-58

MAT 2534

²⁵Mn-58

Inelastic
Radionuclide Production Cross Section



104

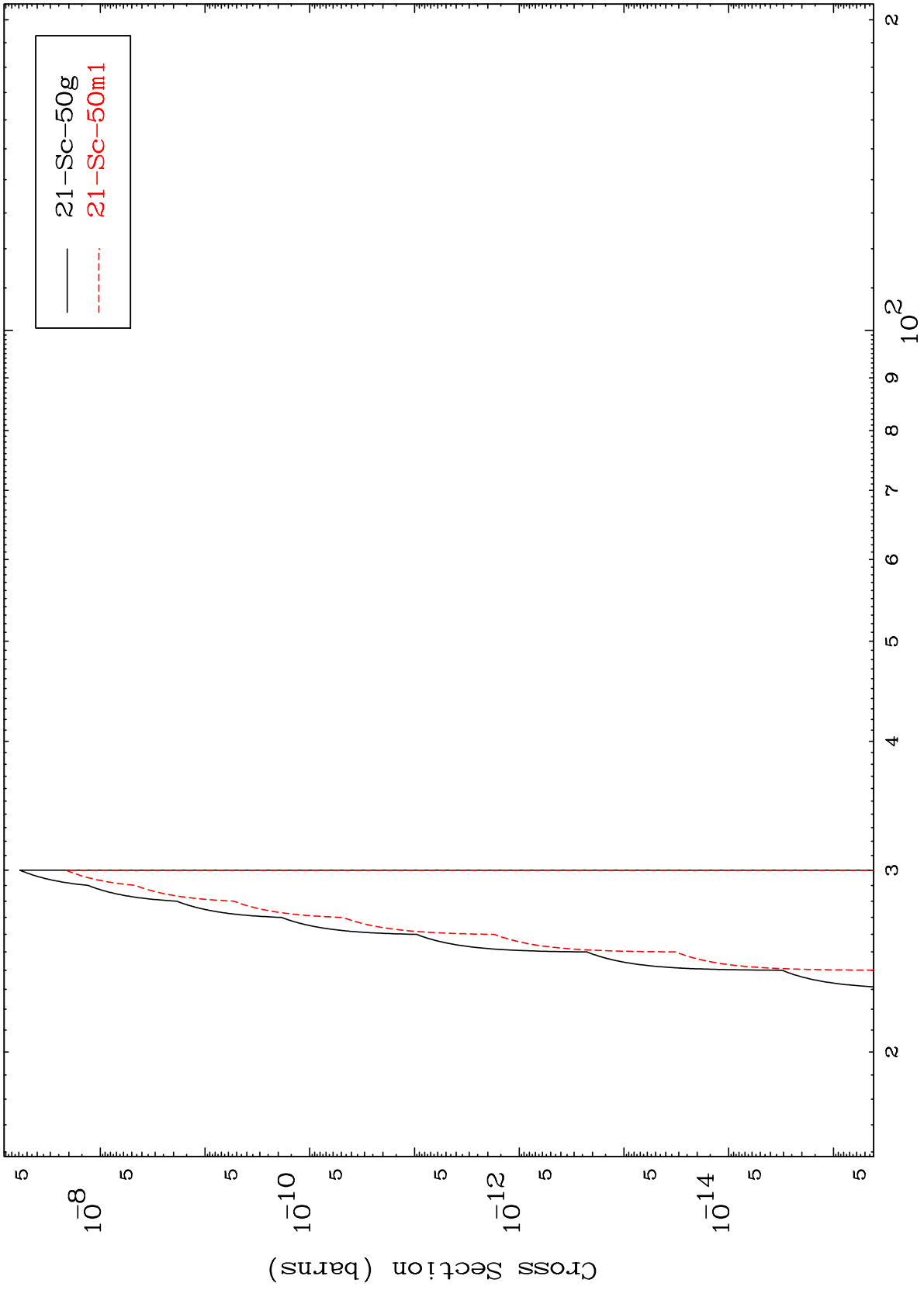
²⁵Mn-58

MAT 2534

(n,n') 2 α

25-Mn-58

Radionuclide Production Cross Section



105

Incident Energy (MeV)

25-Mn-58