

Program EVALPLOT
(Version 2018-1)

by

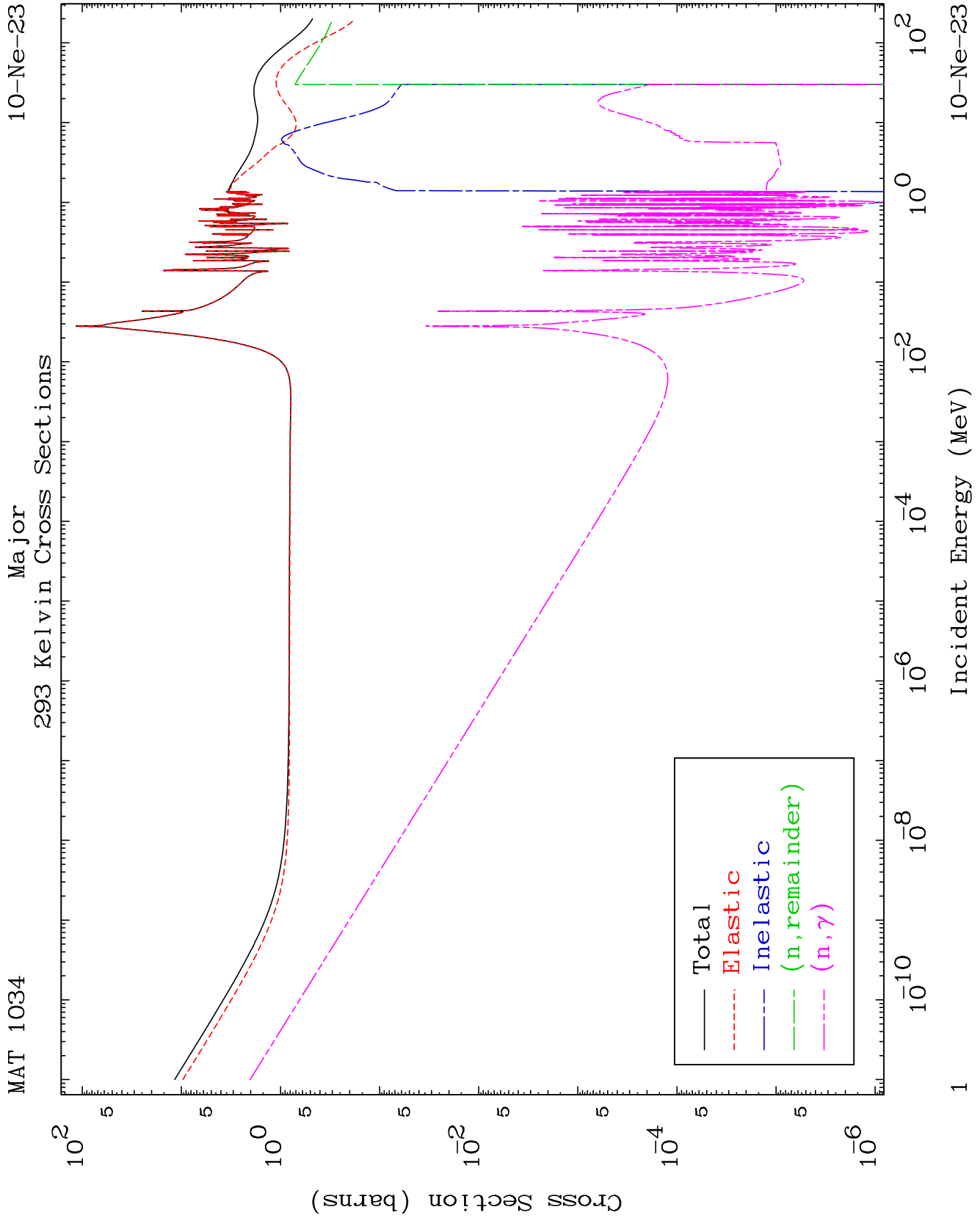
Dermott E. Cullen
(Present Contact Information)

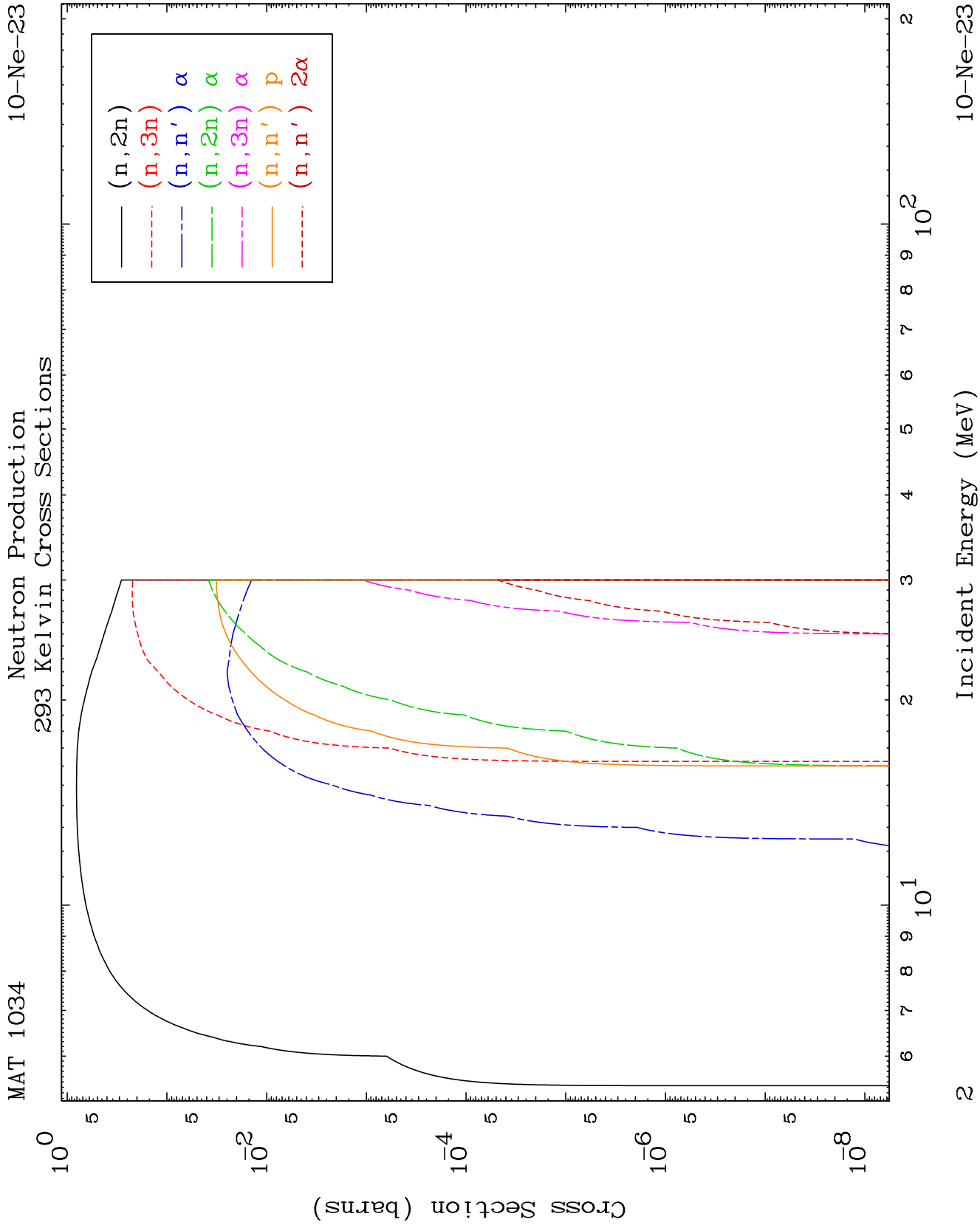
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Press Mouse Button to Start

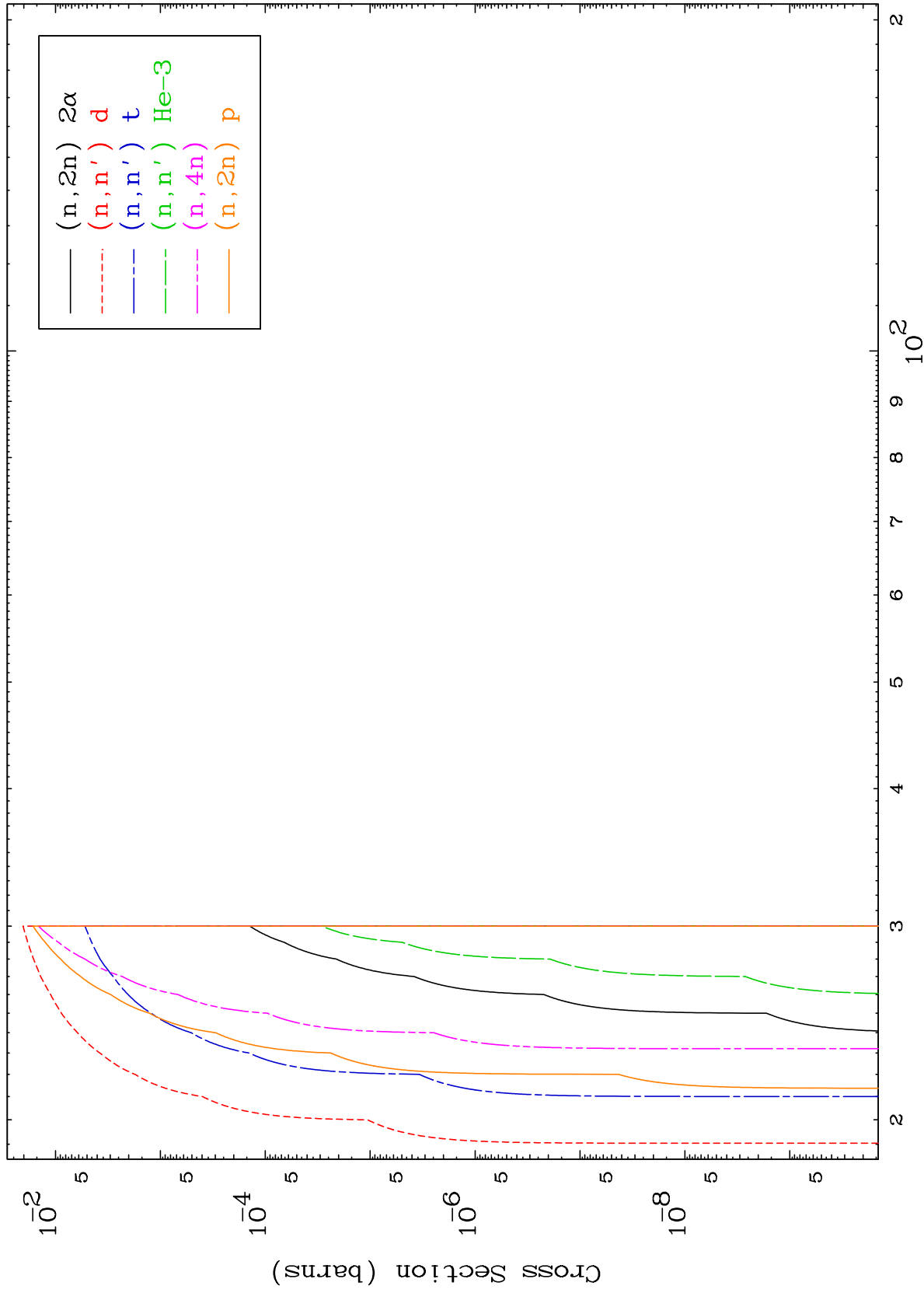




MAT 1034

Neutron Production
293 Kelvin Cross Sections

10-Ne-23



3

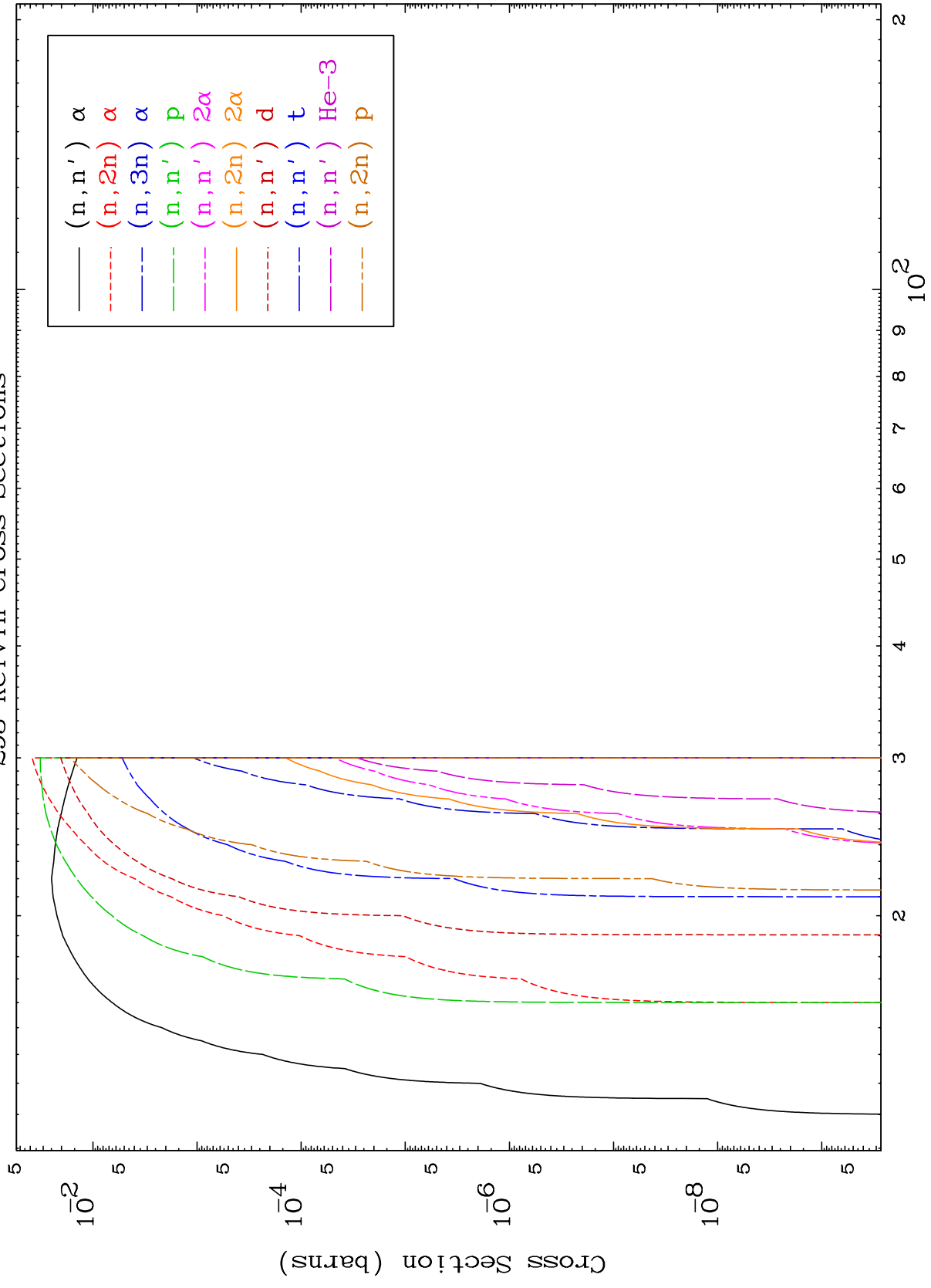
Incident Energy (MeV)

10-Ne-23

MAT 1034

Charged Particle
293 Kelvin Cross Sections

10-Ne-23



4

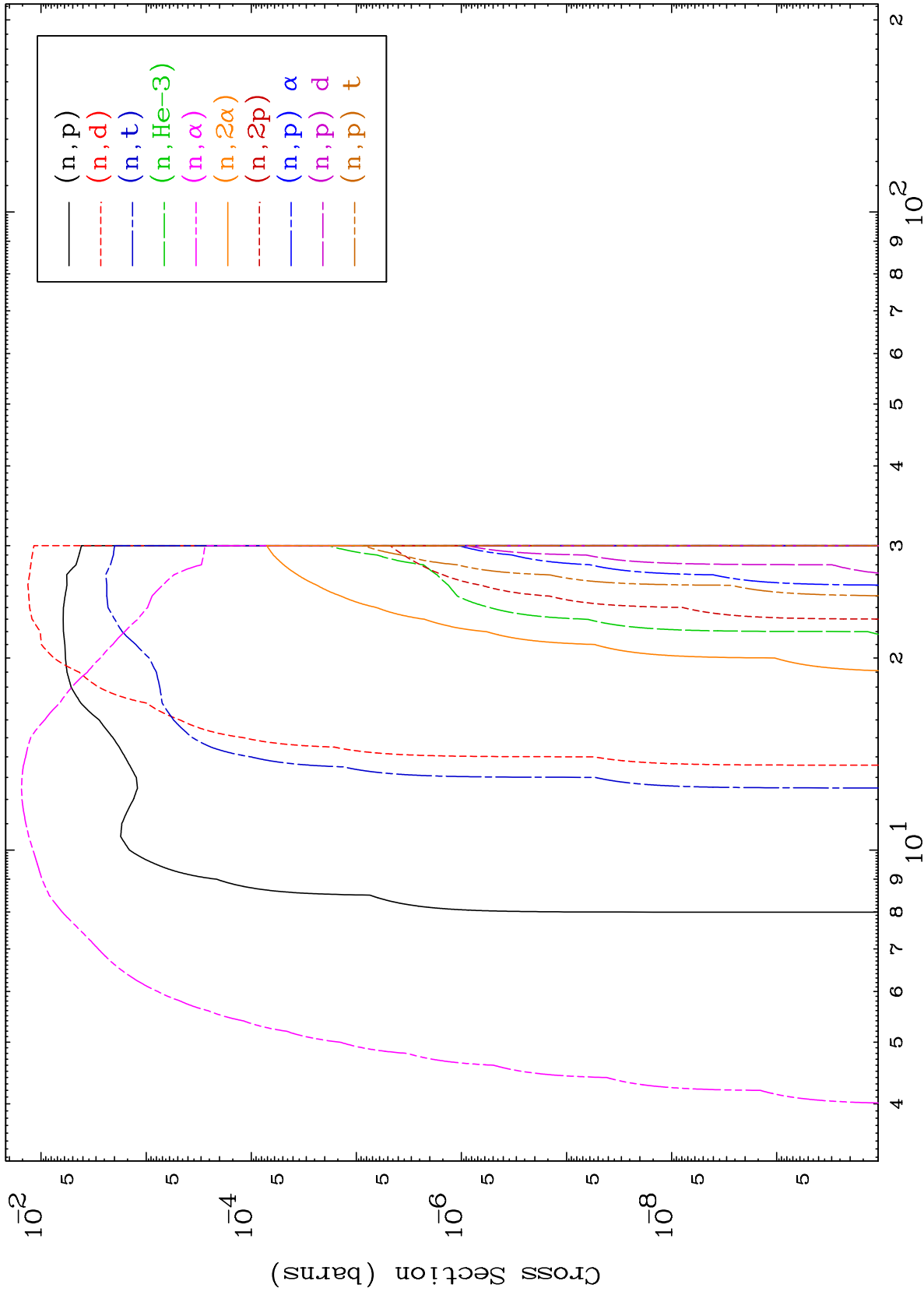
Incident Energy (MeV)

10-Ne-23

MAT 1034

Charged Particle
293 Kelvin Cross Sections

10-Ne-23



5

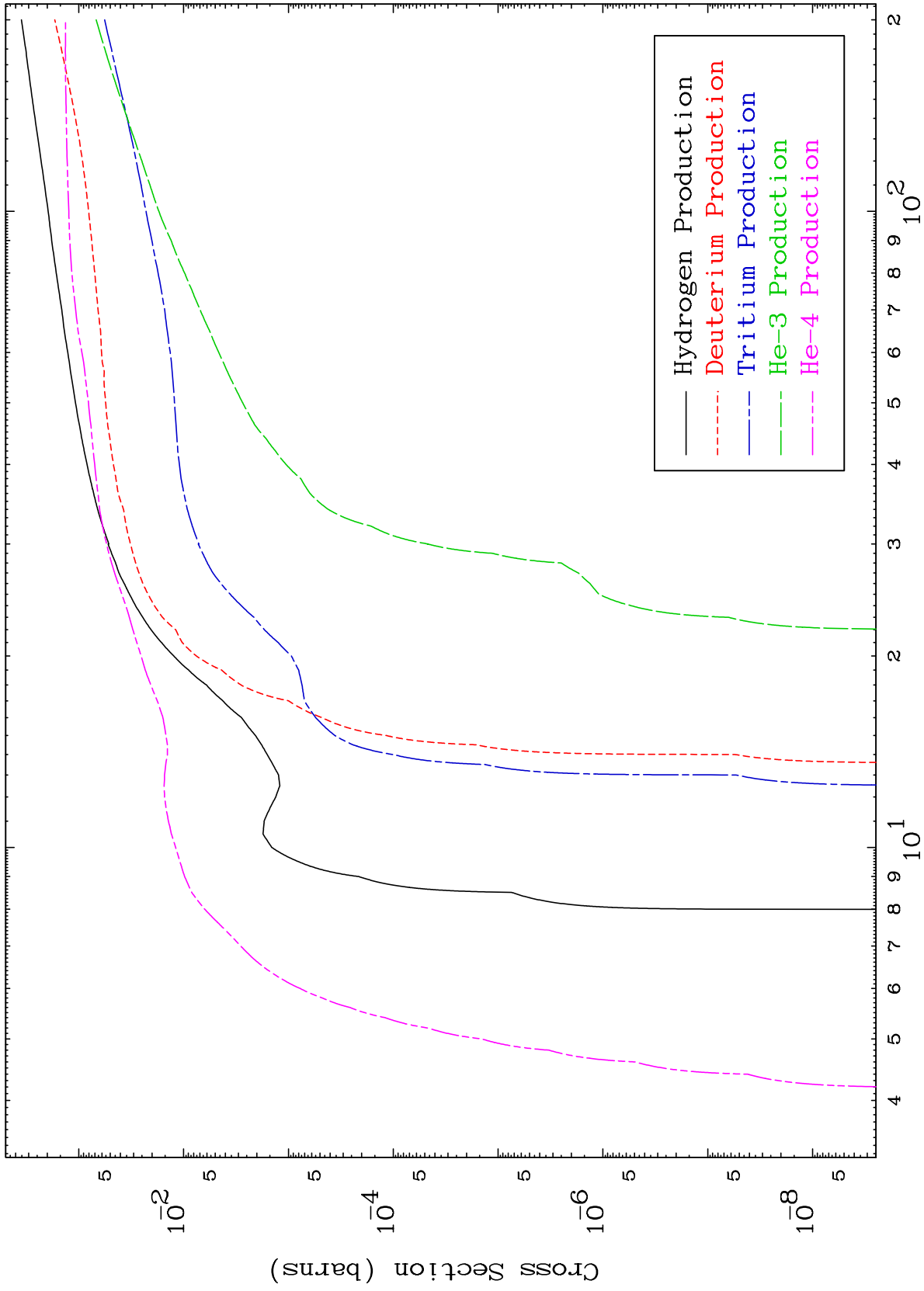
Incident Energy (MeV)

10-Ne-23

MAT 1034

Particle Production
293 Kelvin Cross Sections

10-Ne-23



6

Incident Energy (MeV)

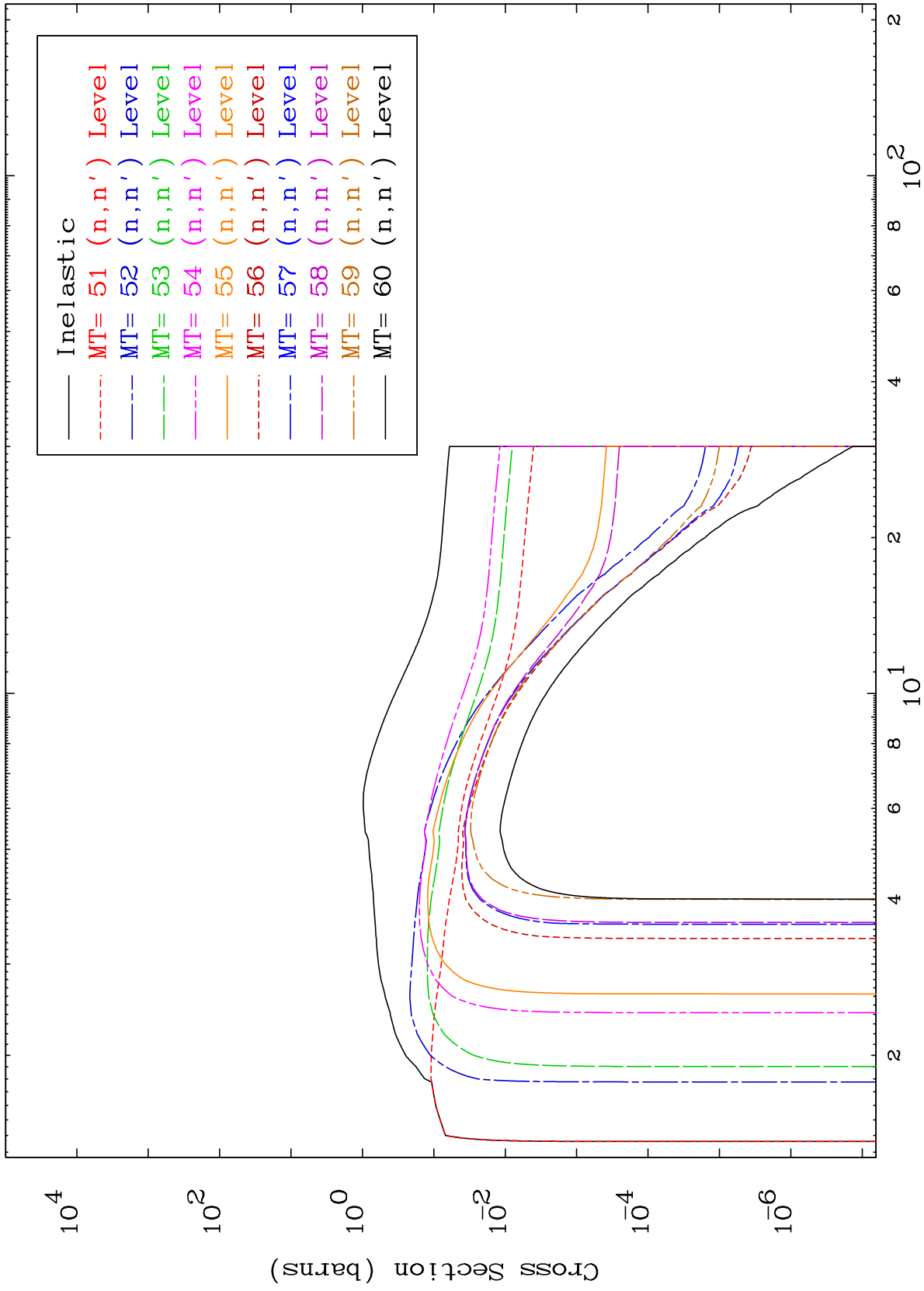
10-Ne-23

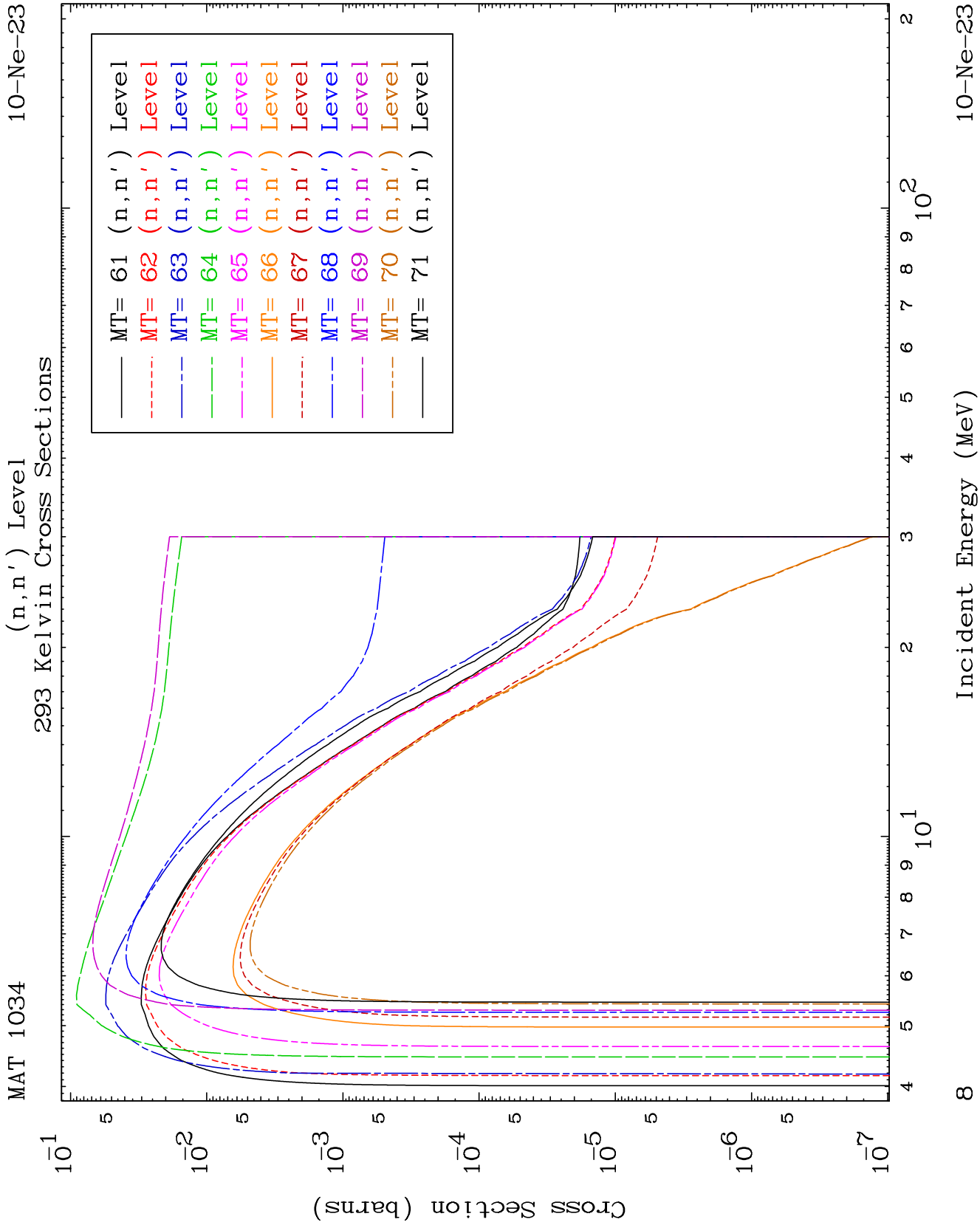
MAT 1034

(n,n') Level

10-Ne-23

293 Kelvin Cross Sections



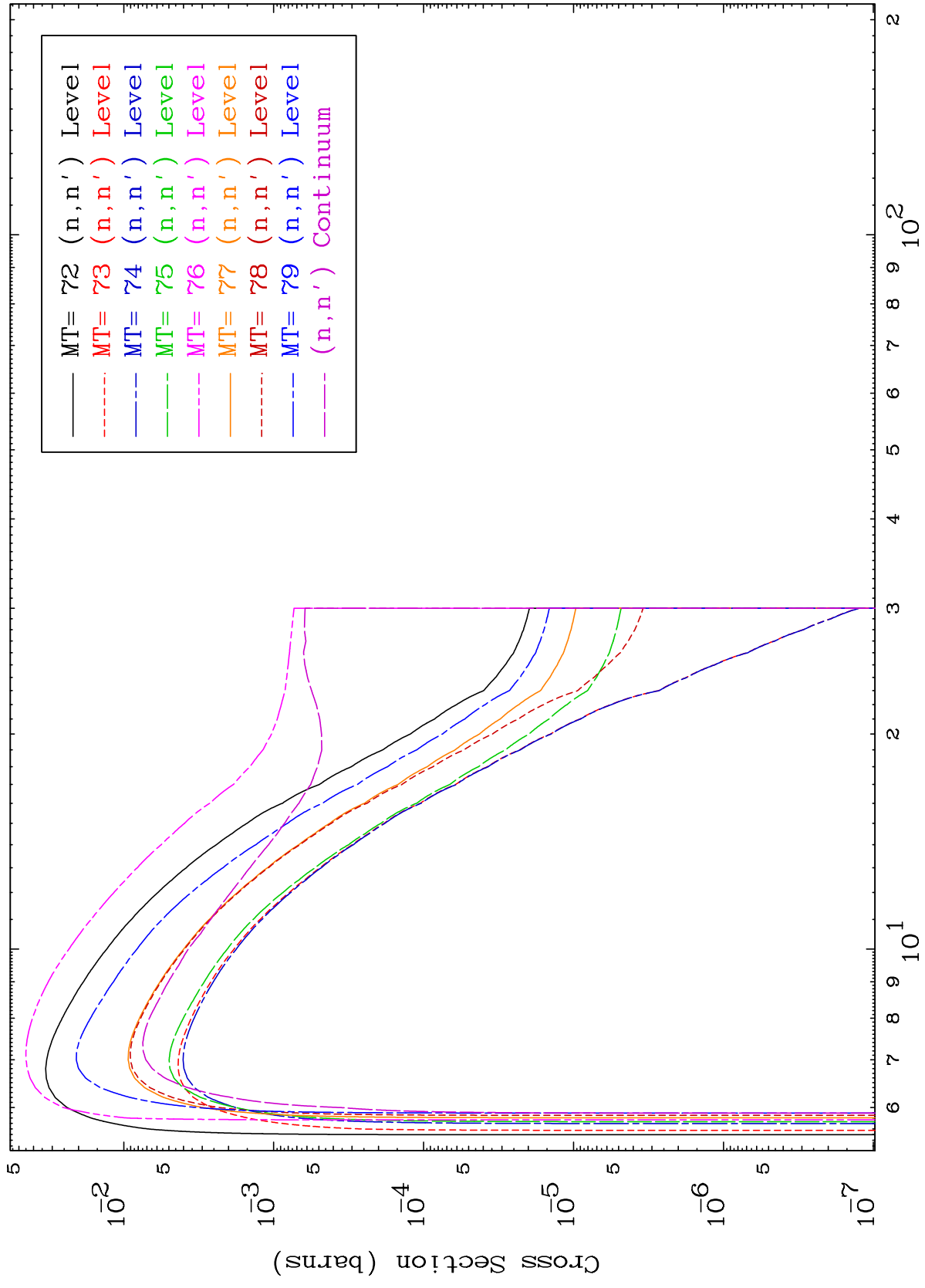


MAT 1034

(n,n') Level

10-Ne-23

293 Kelvin Cross Sections



9

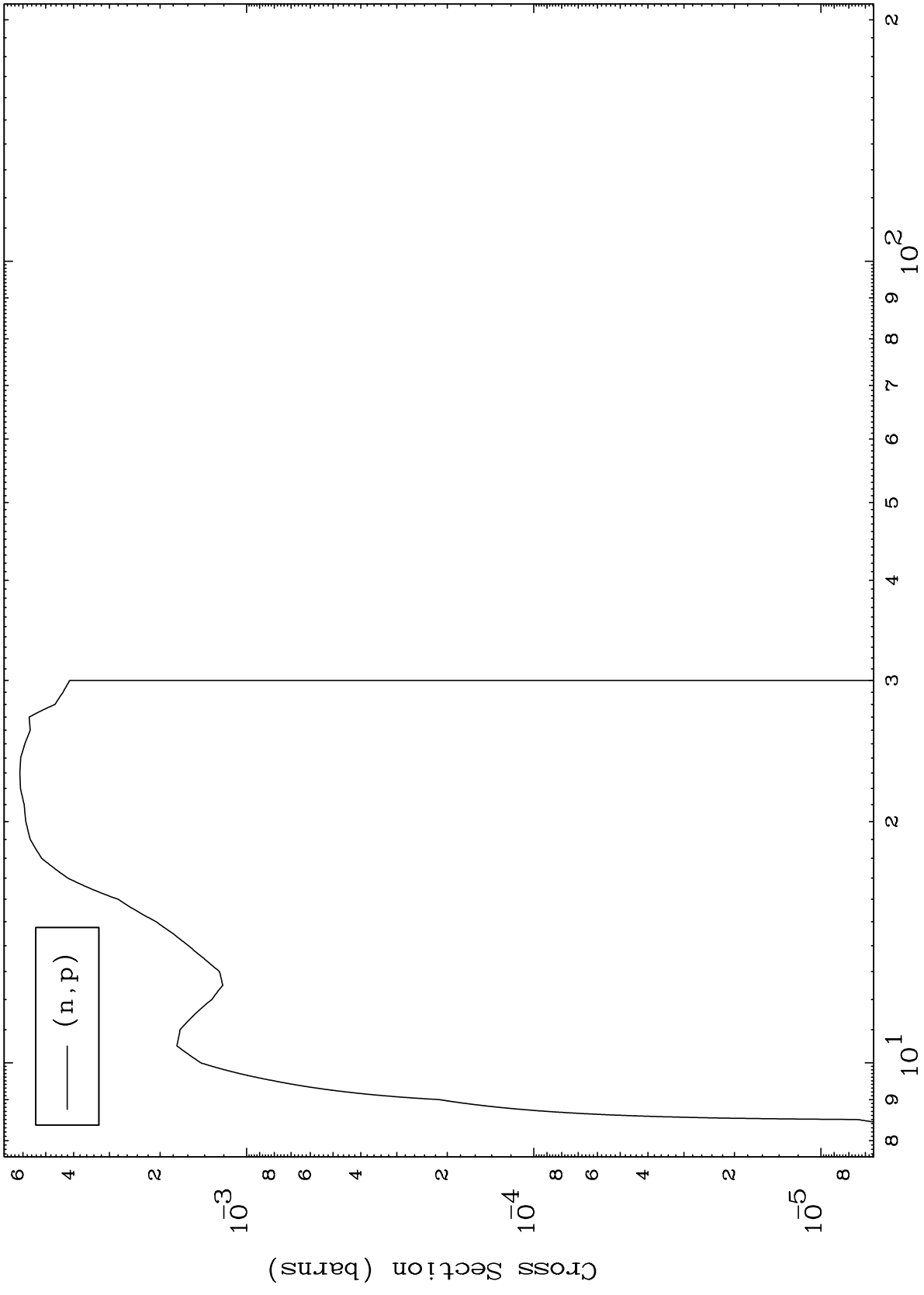
Incident Energy (MeV)

10-Ne-23

MAT 1034

(n,p) Levels
293 Kelvin Cross Sections

10-Ne-23



10

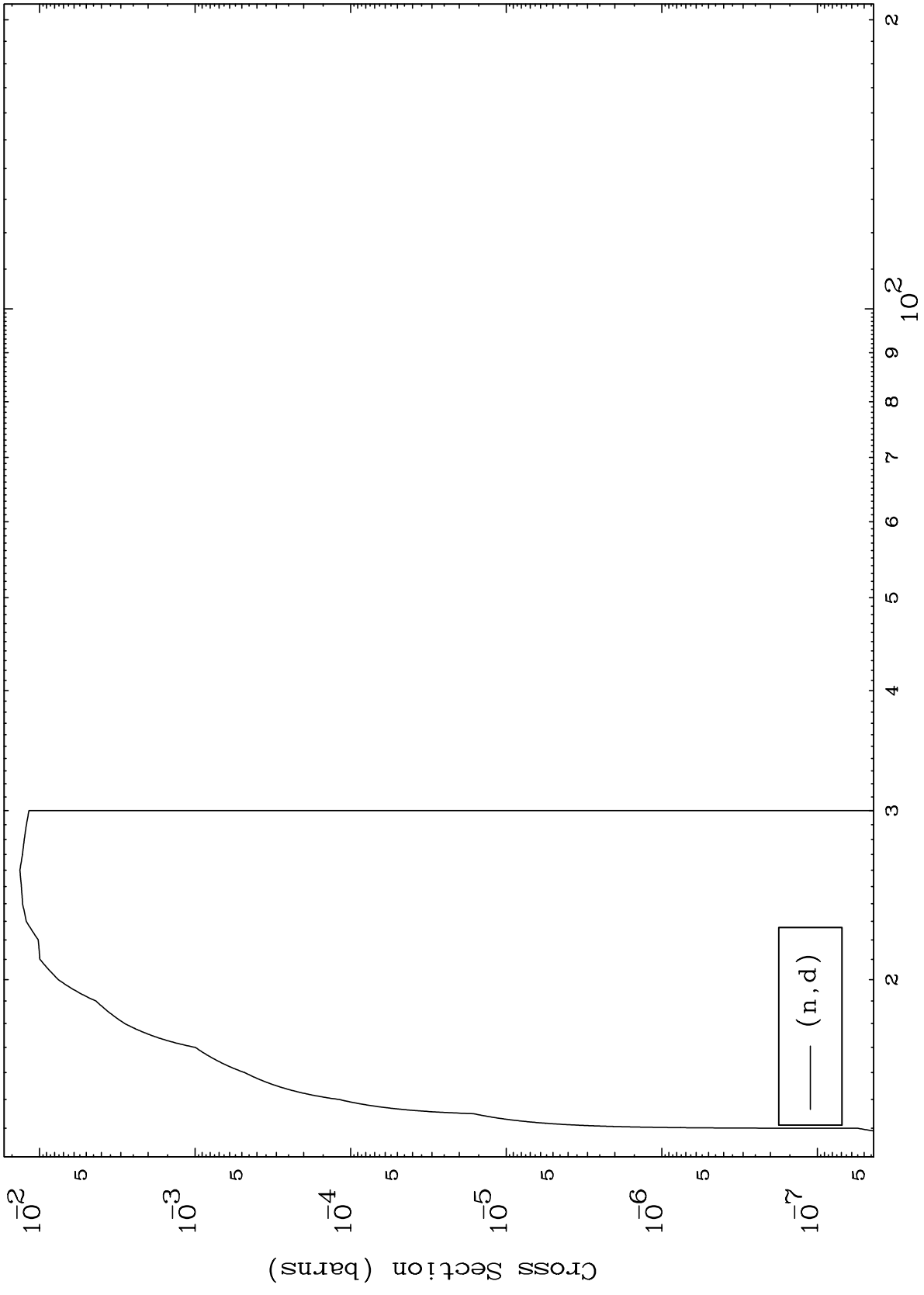
Incident Energy (MeV)

10-Ne-23

MAT 1034

(n,d) Levels
293 Kelvin Cross Sections

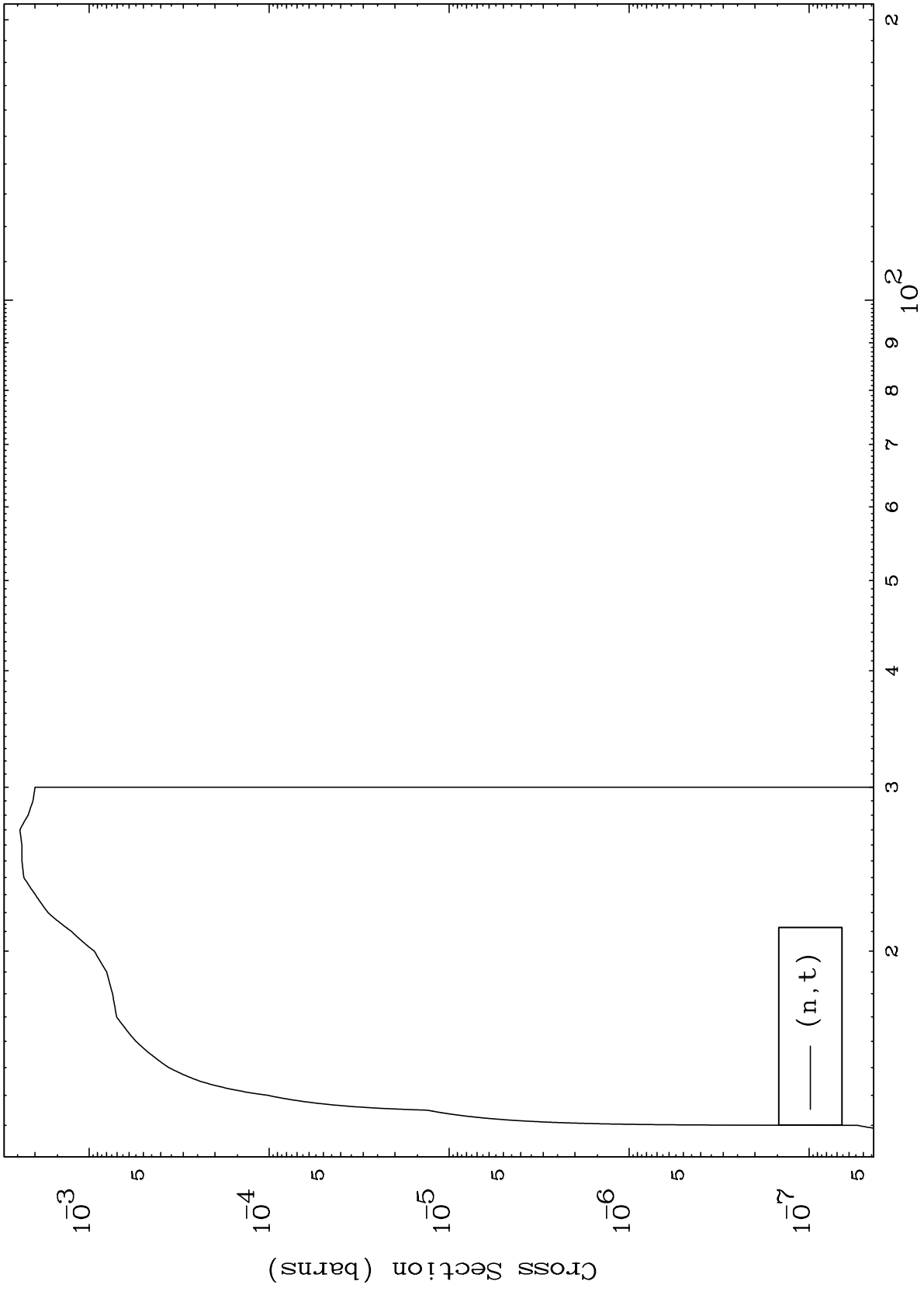
10-Ne-23



MAT 1034

(n,t) Levels
293 Kelvin Cross Sections

10-Ne-23



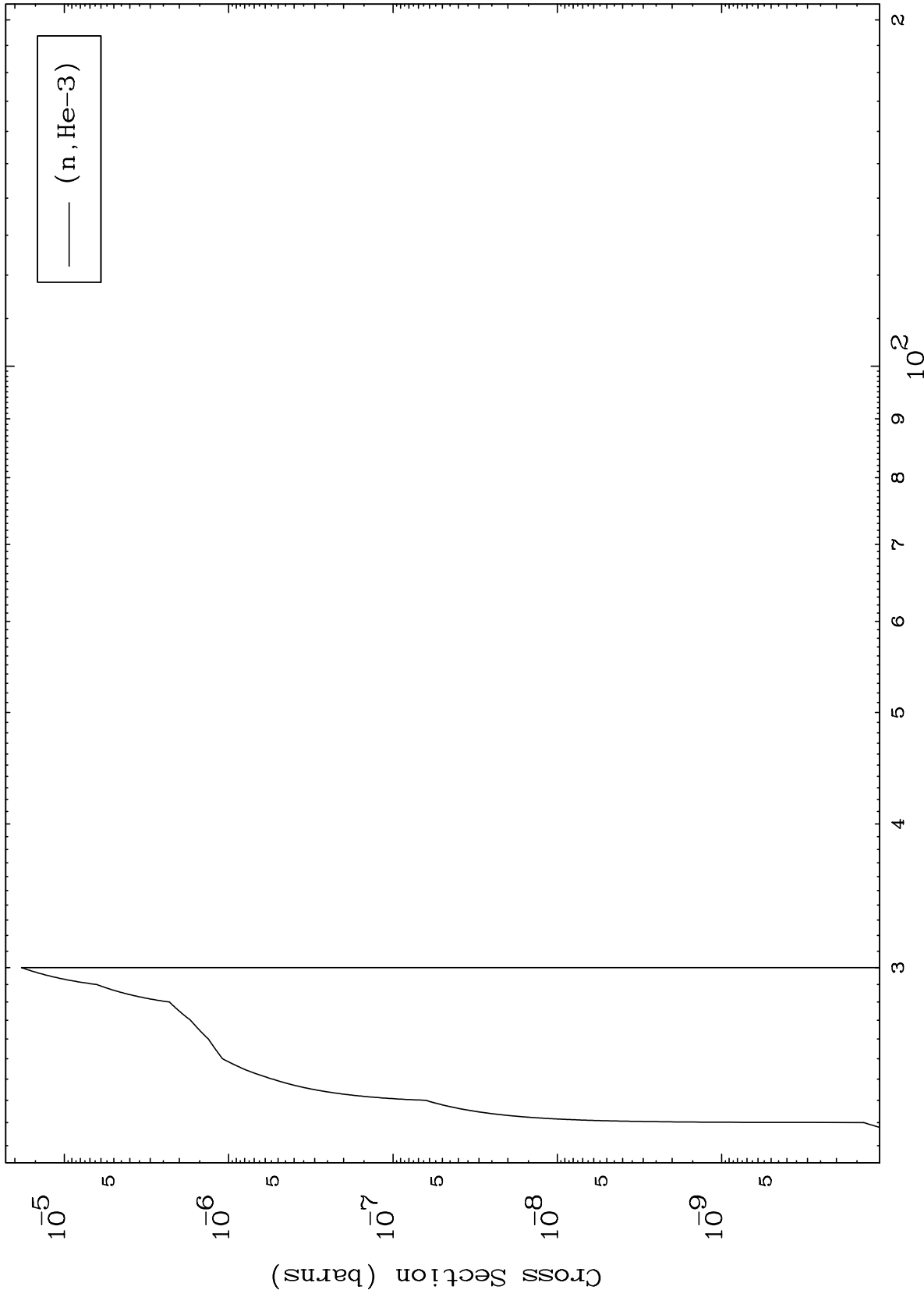
12

10-Ne-23

MAT 1034

(n,He3) Levels
293 Kelvin Cross Sections

10-Ne-23



13

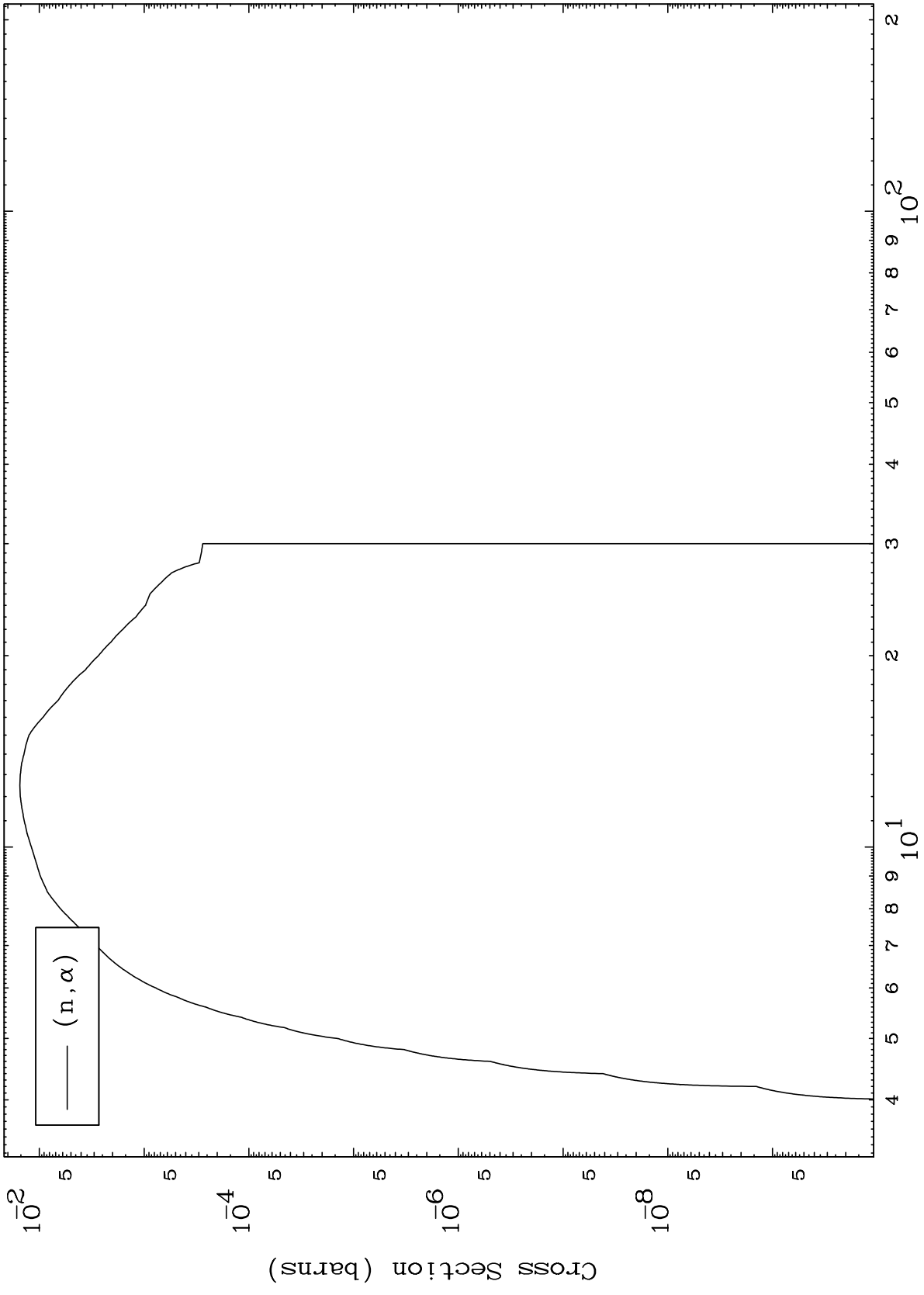
Incident Energy (MeV)

10-Ne-23

MAT 1034

(n,α) Levels
293 Kelvin Cross Sections

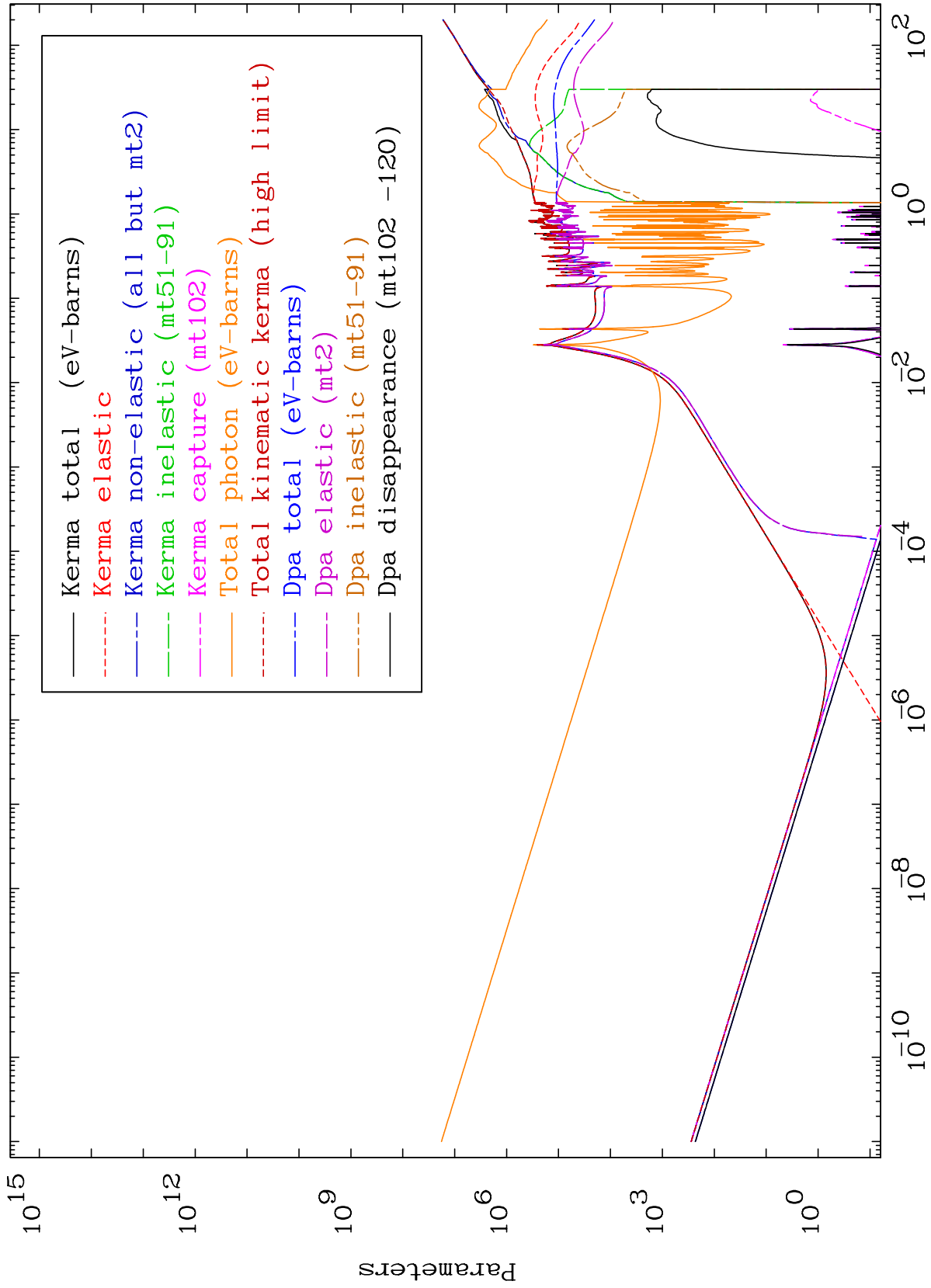
10-Ne-23



14

Incident Energy (MeV)

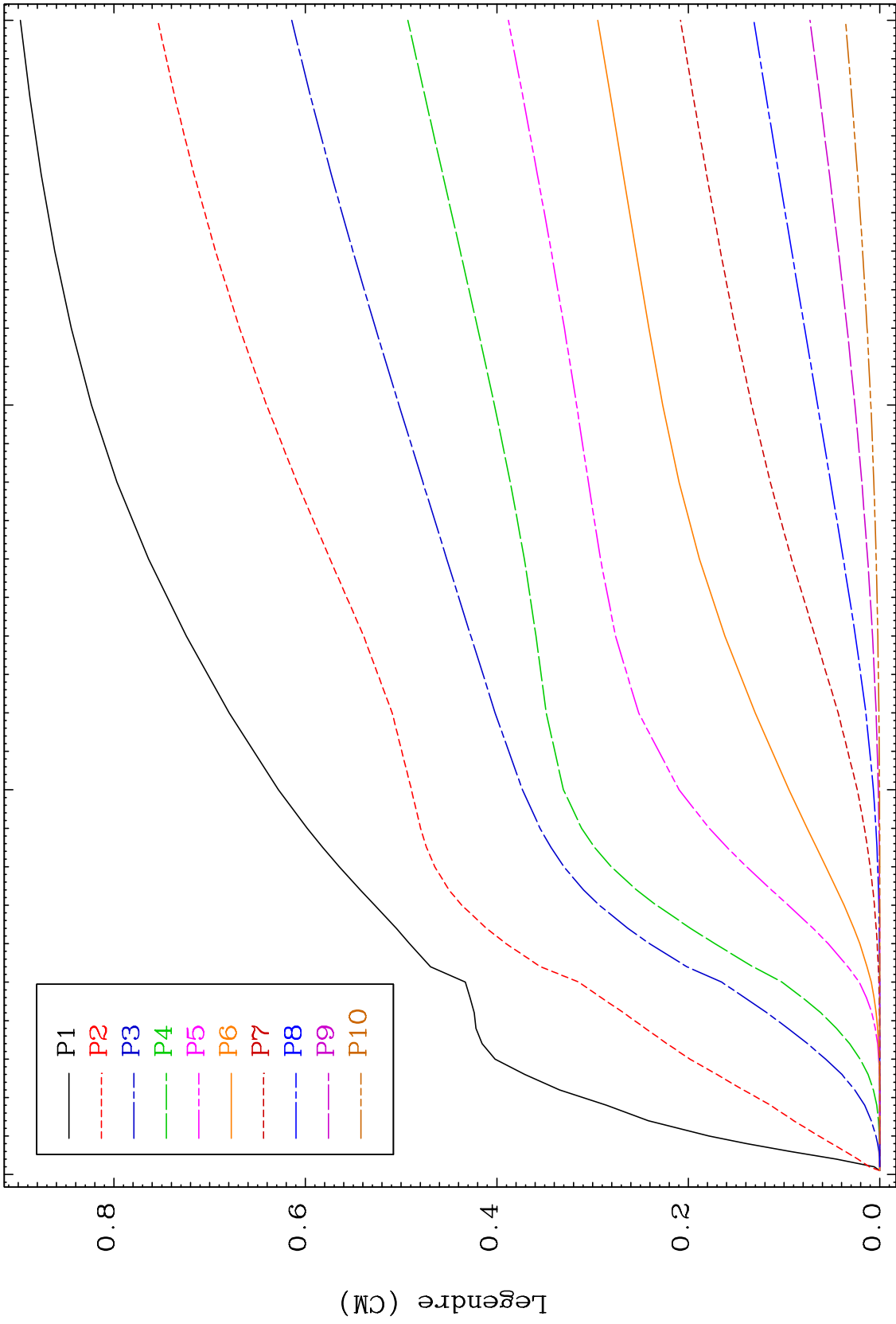
10-Ne-23



MAT 1034

Elastic Legendre Coefficients

¹⁰Ne-23



16

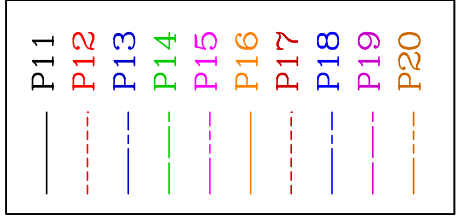
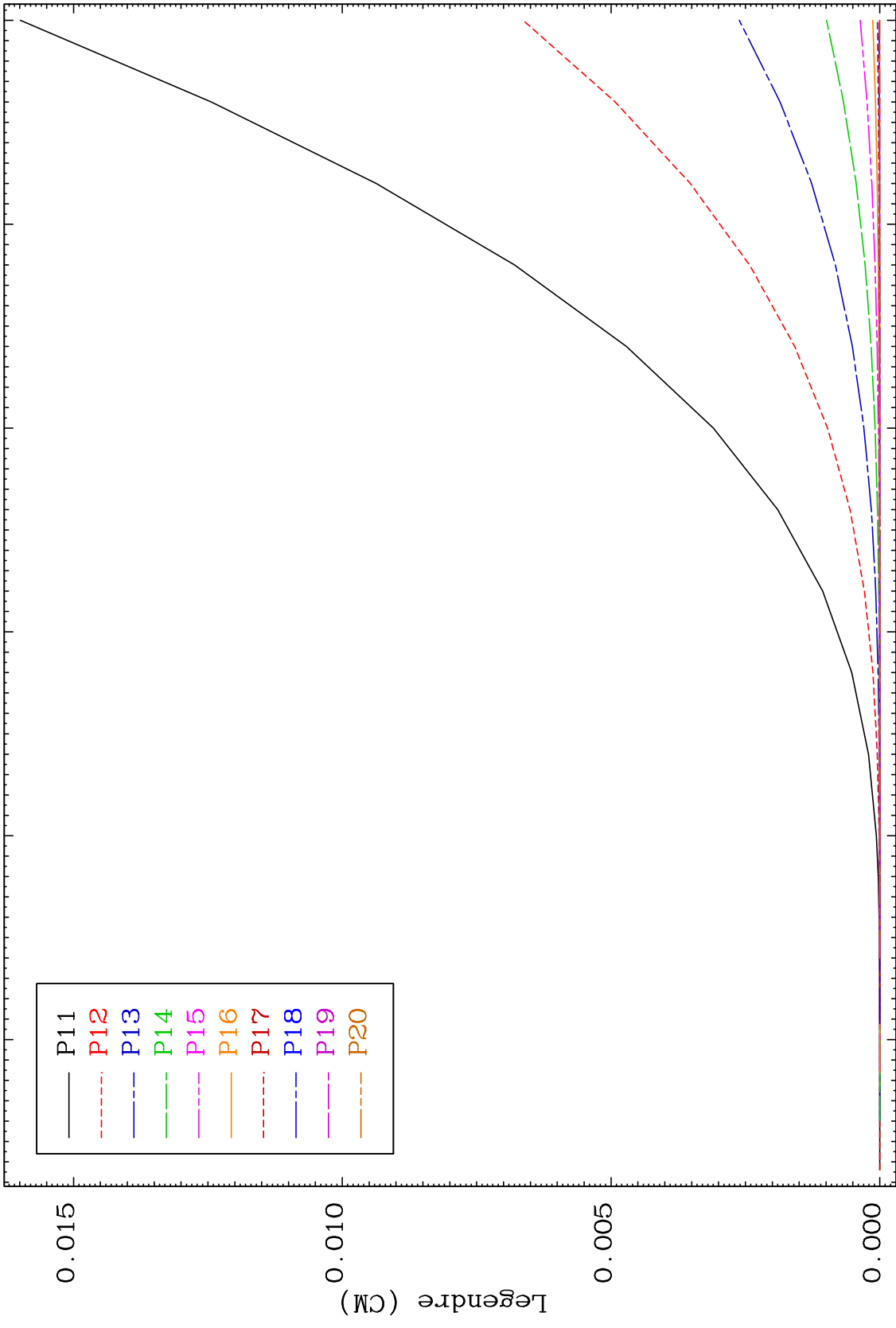
Incident Energy (MeV)

¹⁰Ne-23

MAT 1034

Elastic Legendre Coefficients

10-Ne-23



0.015

0.010

0.005

0.000

Legendre (CM)

5

10

15

20

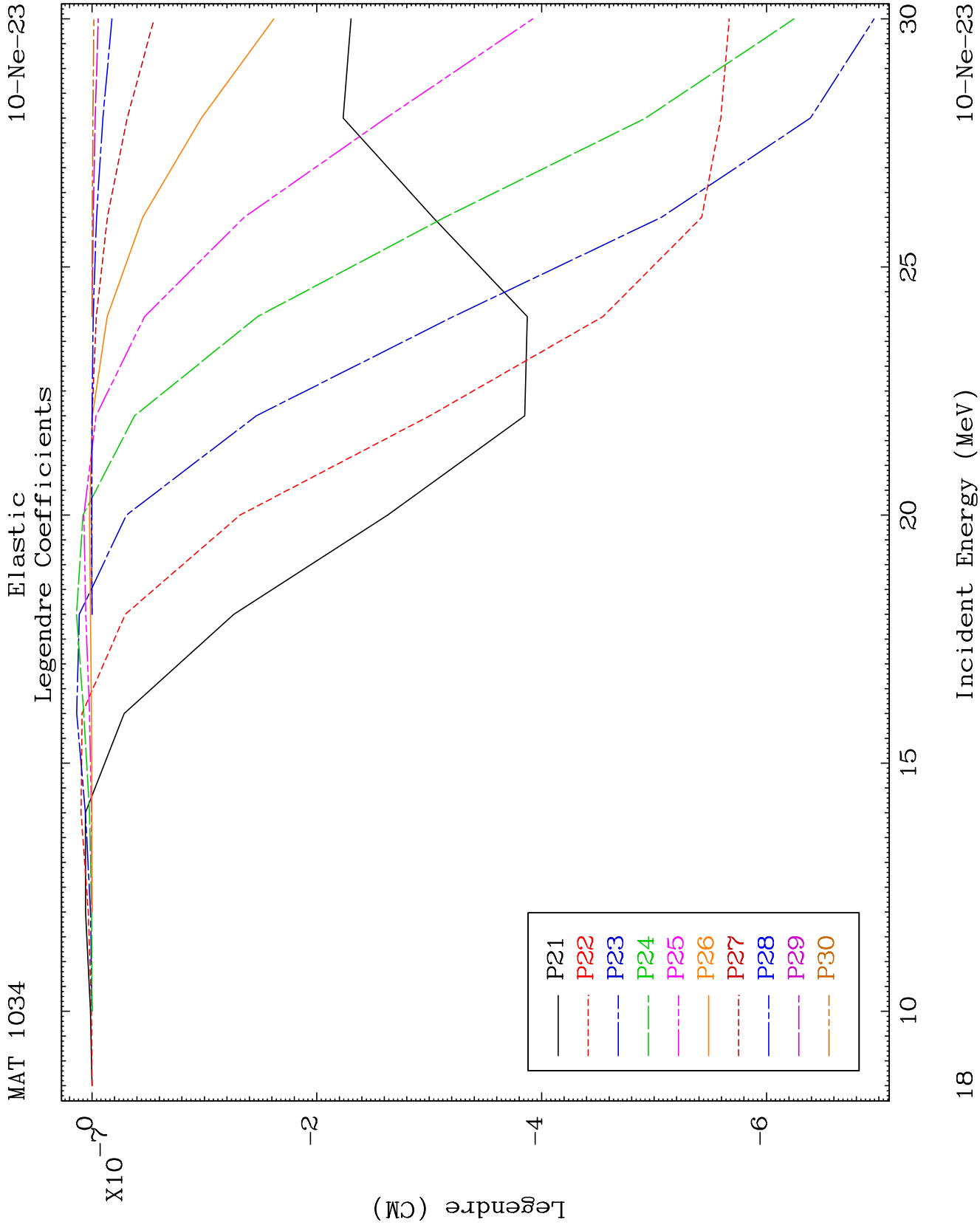
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30

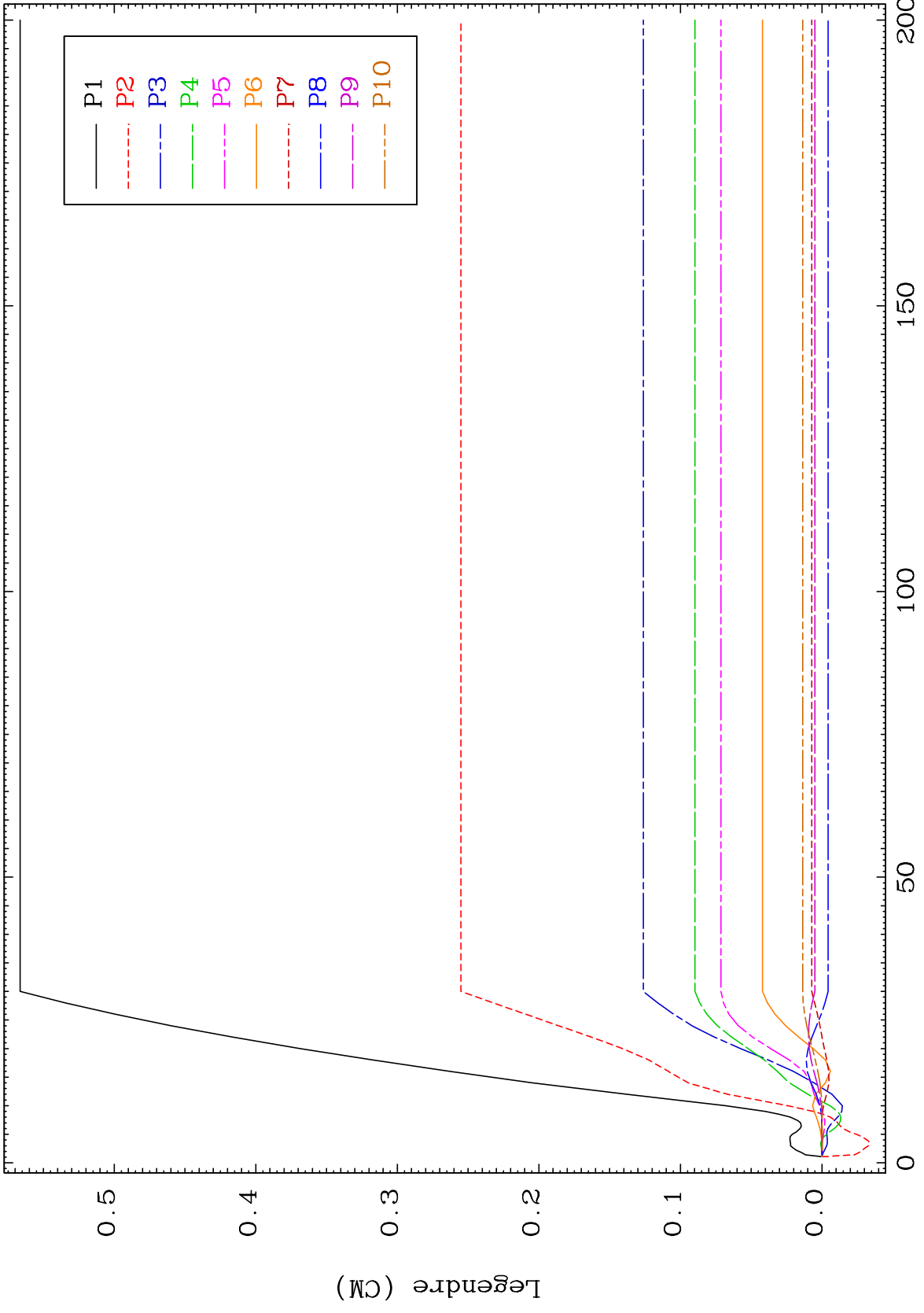
17

Incident Energy (MeV)

10-Ne-23



MAT 1034 MT= 51 (n,n') Level Legendre Coefficients 10-Ne-23

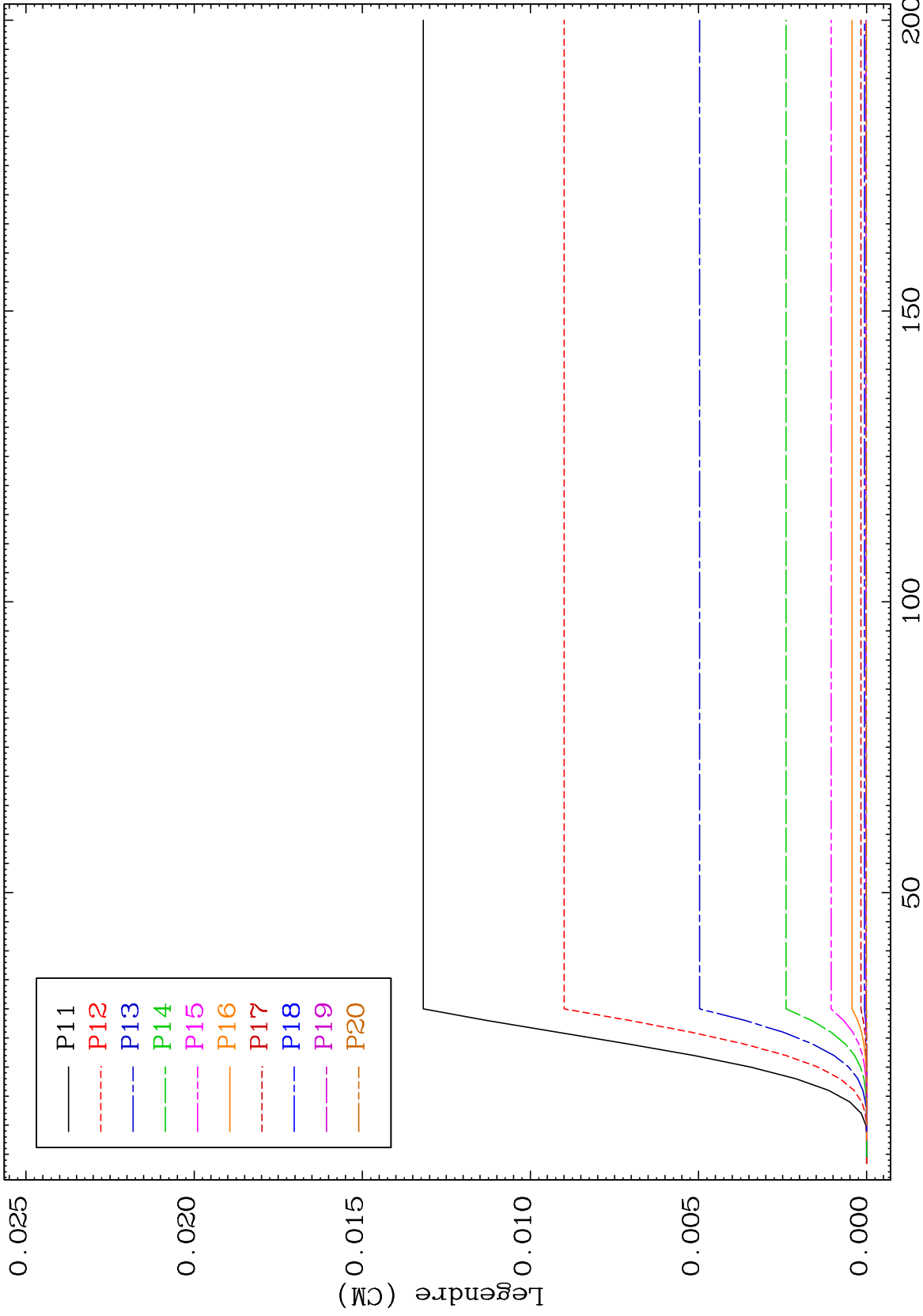


19 10-Ne-23

MAT 1034

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

10-Ne-23

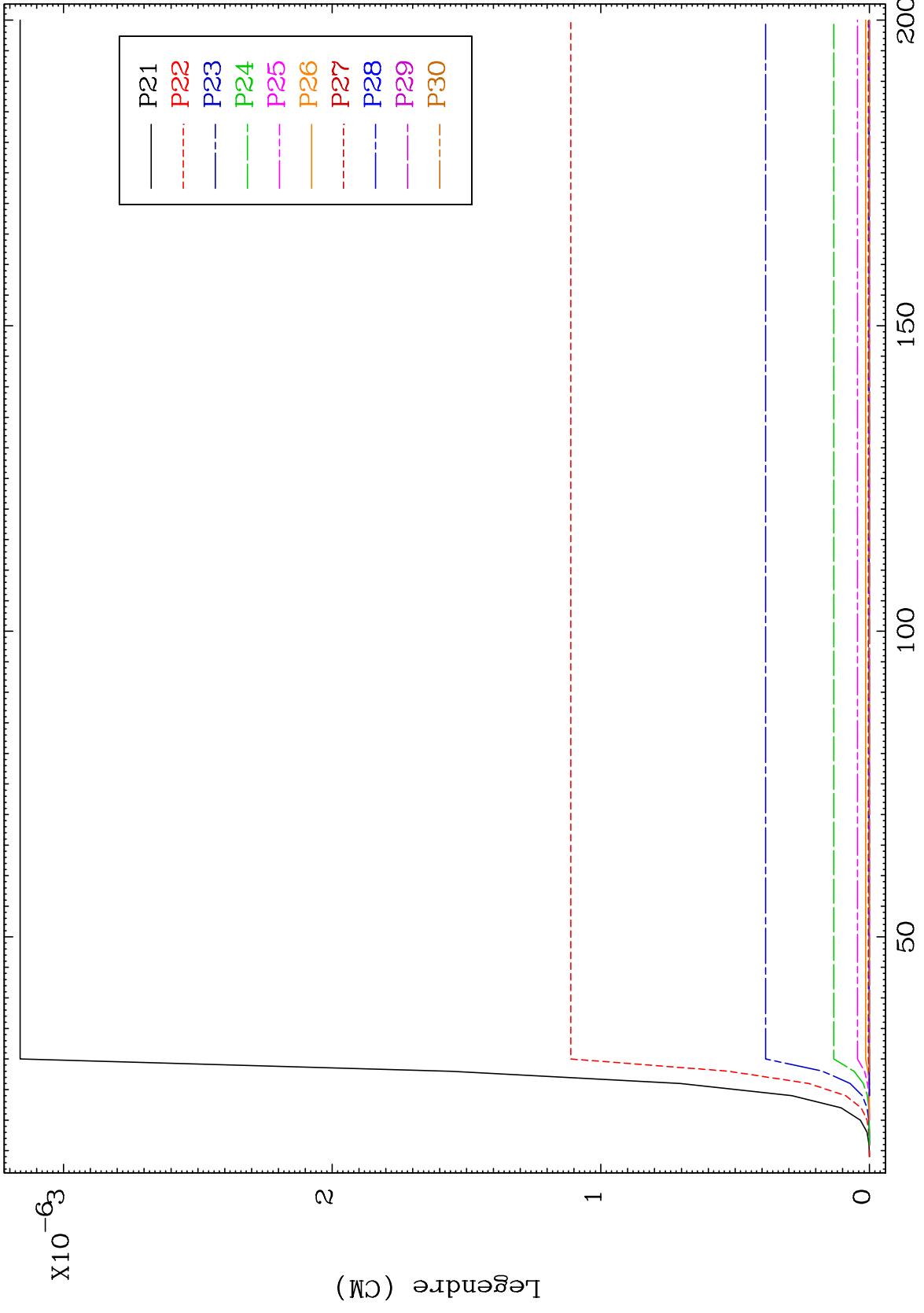


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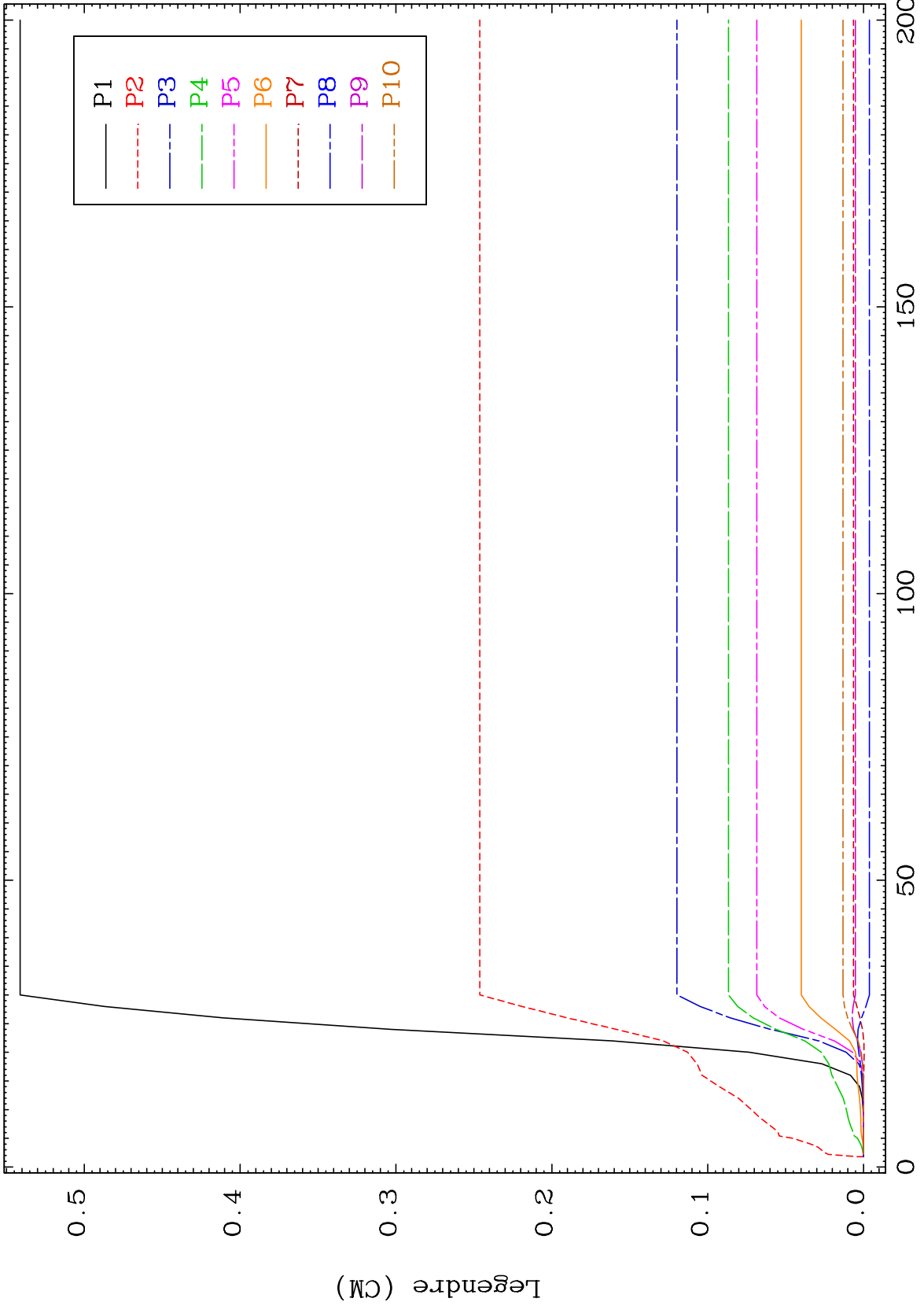
Incident Energy (MeV)

10-Ne-23

MAT 1034 MT= 51 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034 MT= 52 (n,n') Level Legendre Coefficients 10-Ne-23

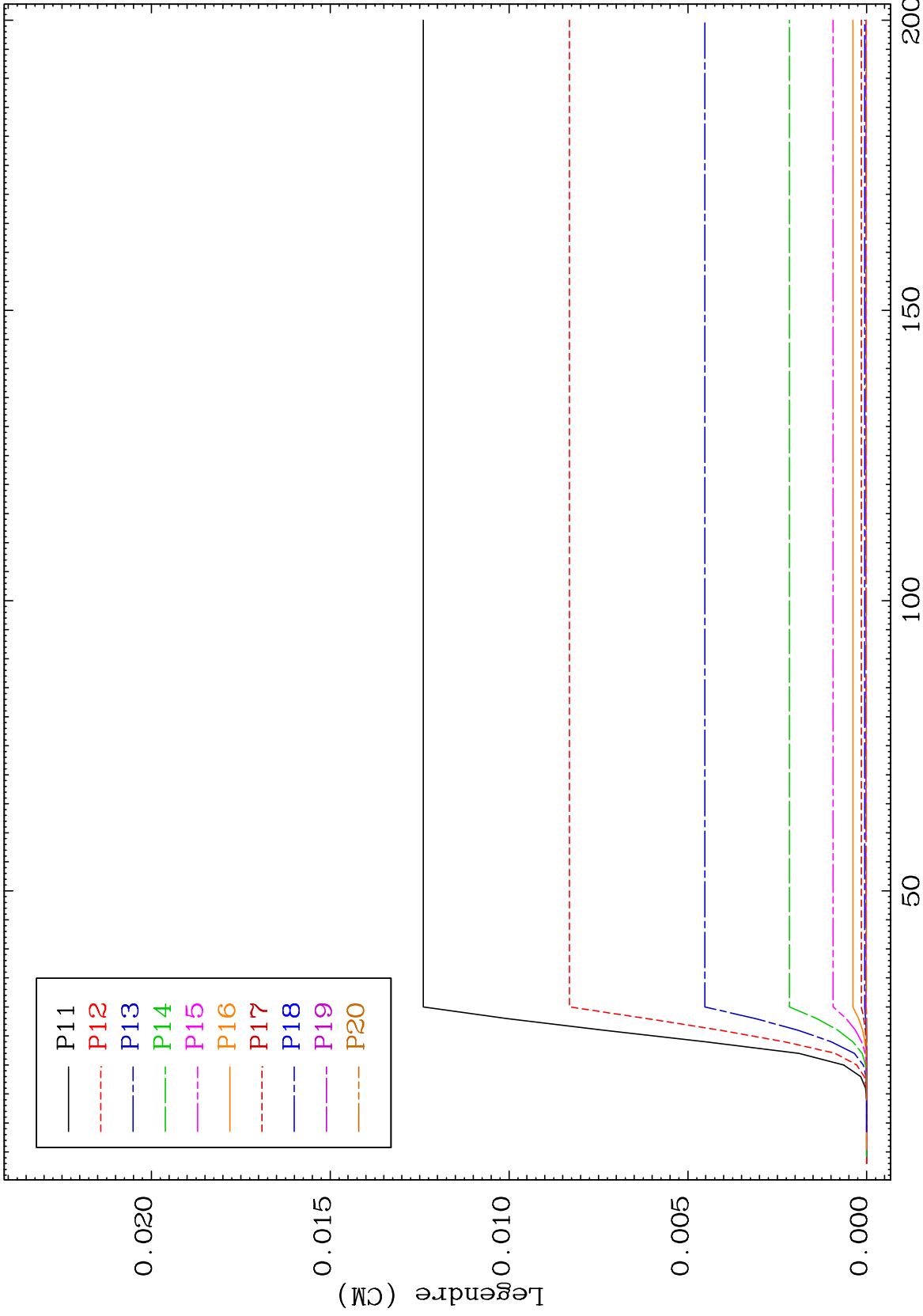


Legendre (CM) Incident Energy (MeV) 10-Ne-23

MAT 1034

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

10-Ne-23

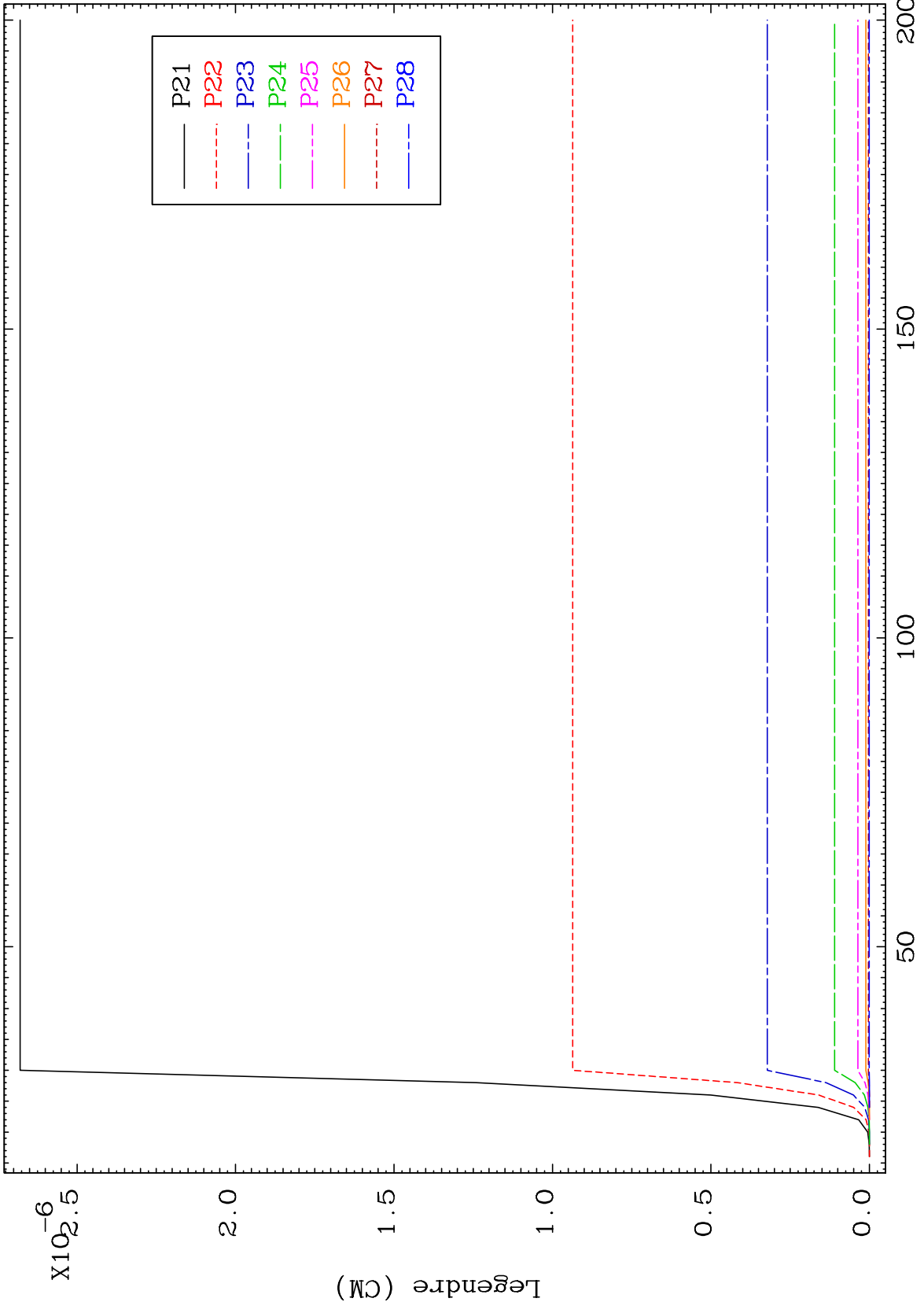


23

Incident Energy (MeV)

10-Ne-23

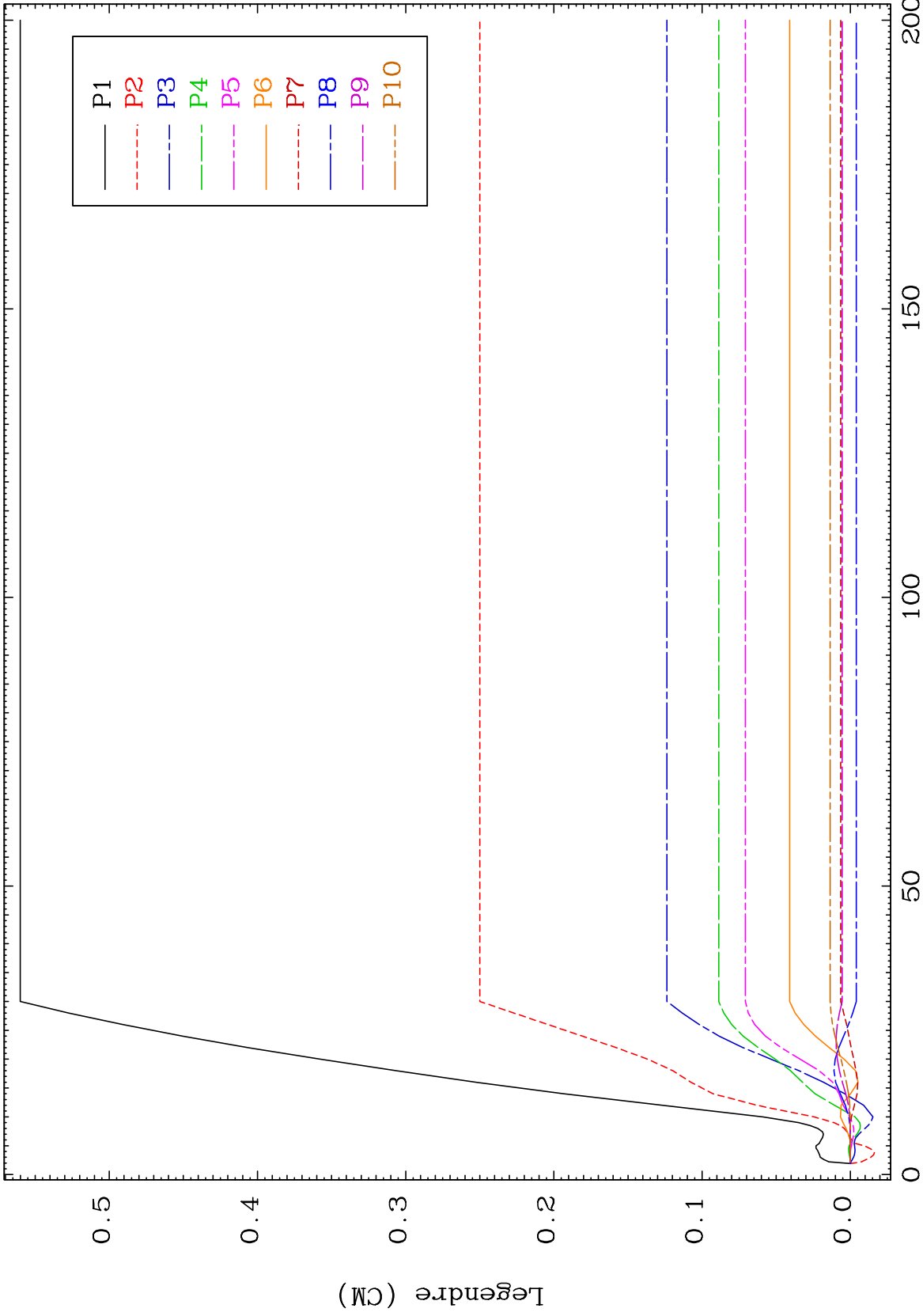
MAT 1034 MT= 52 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034

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

10-Ne-23



25

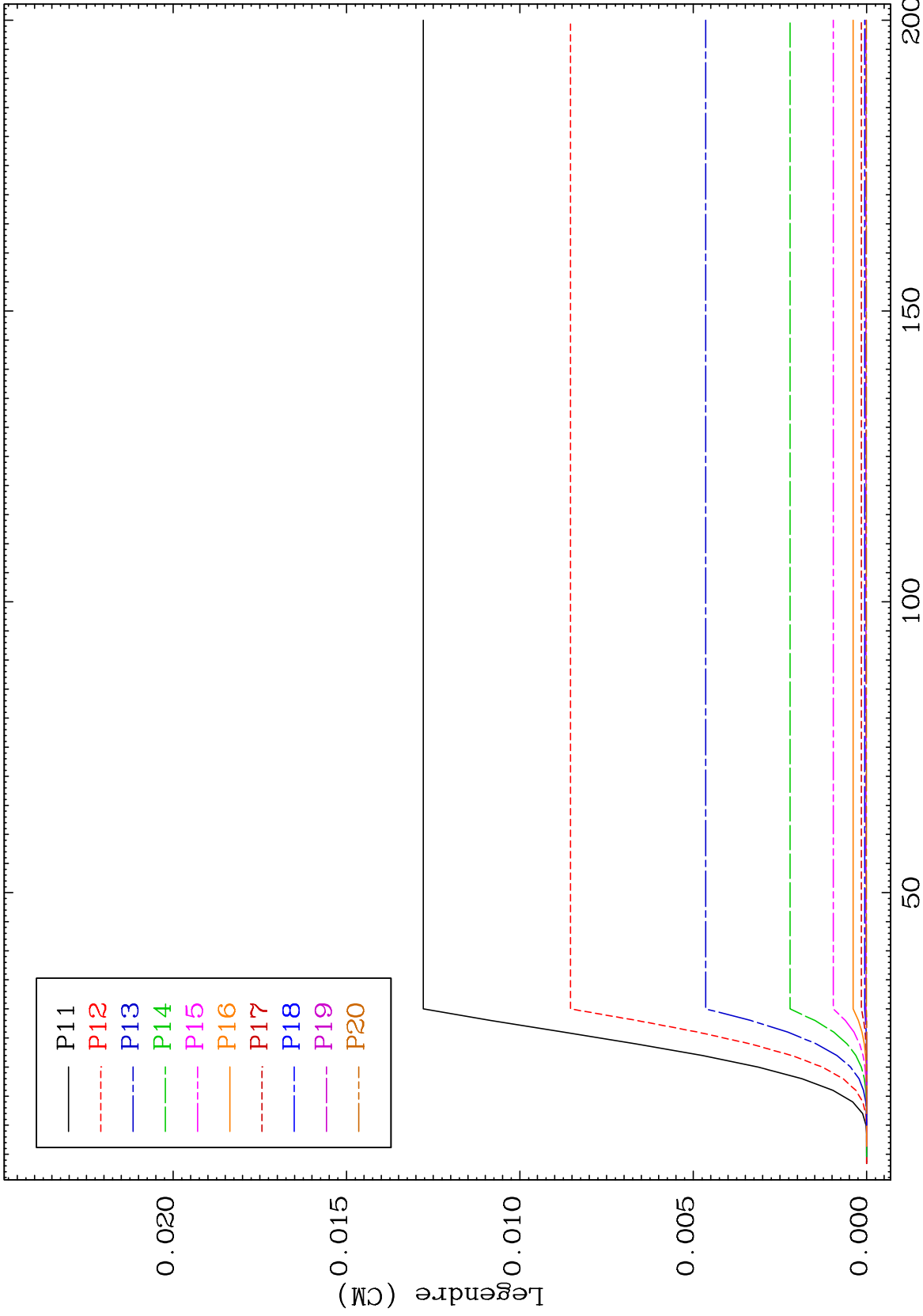
Incident Energy (MeV)

10-Ne-23

MAT 1034

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

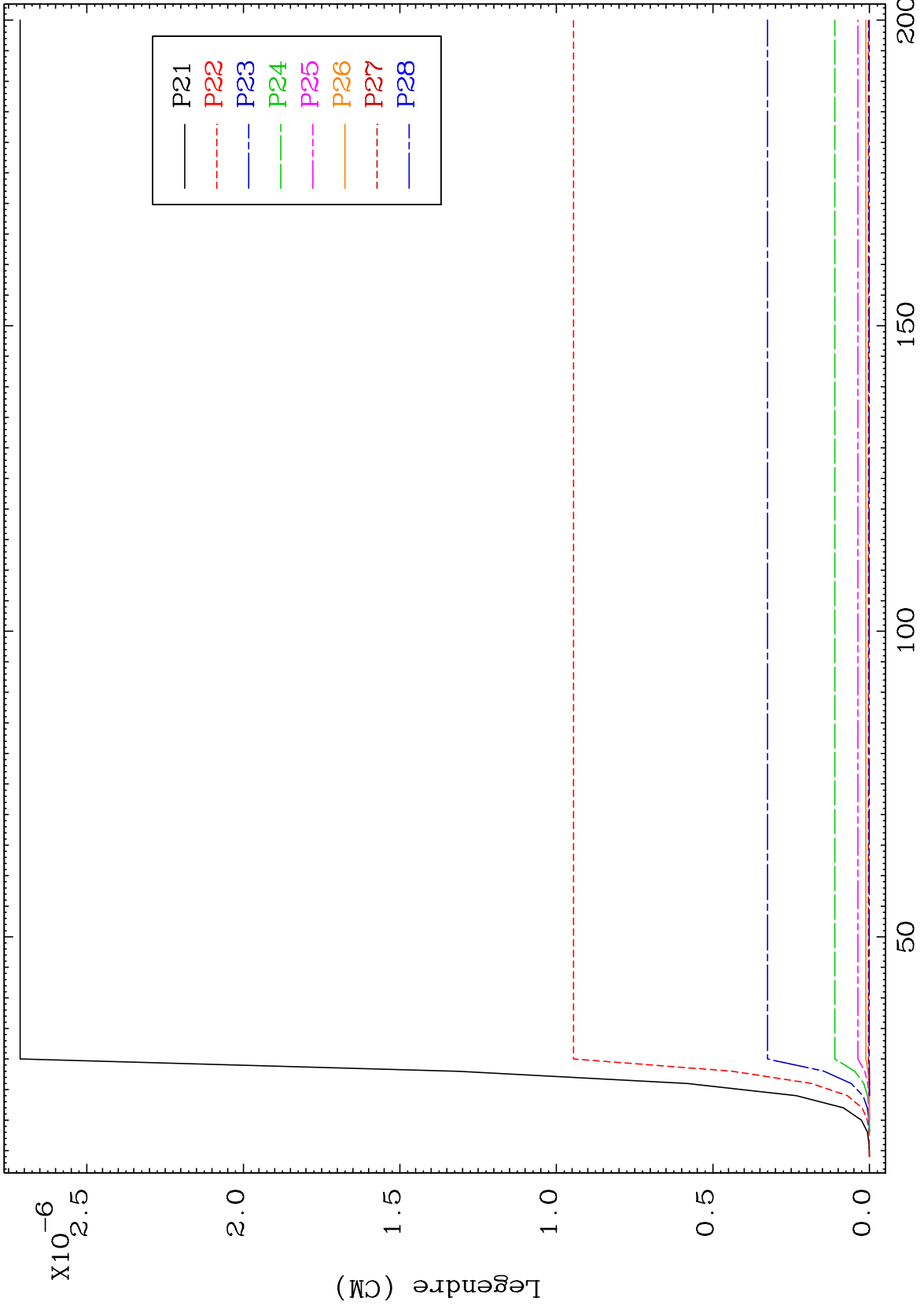
10-Ne-23



26

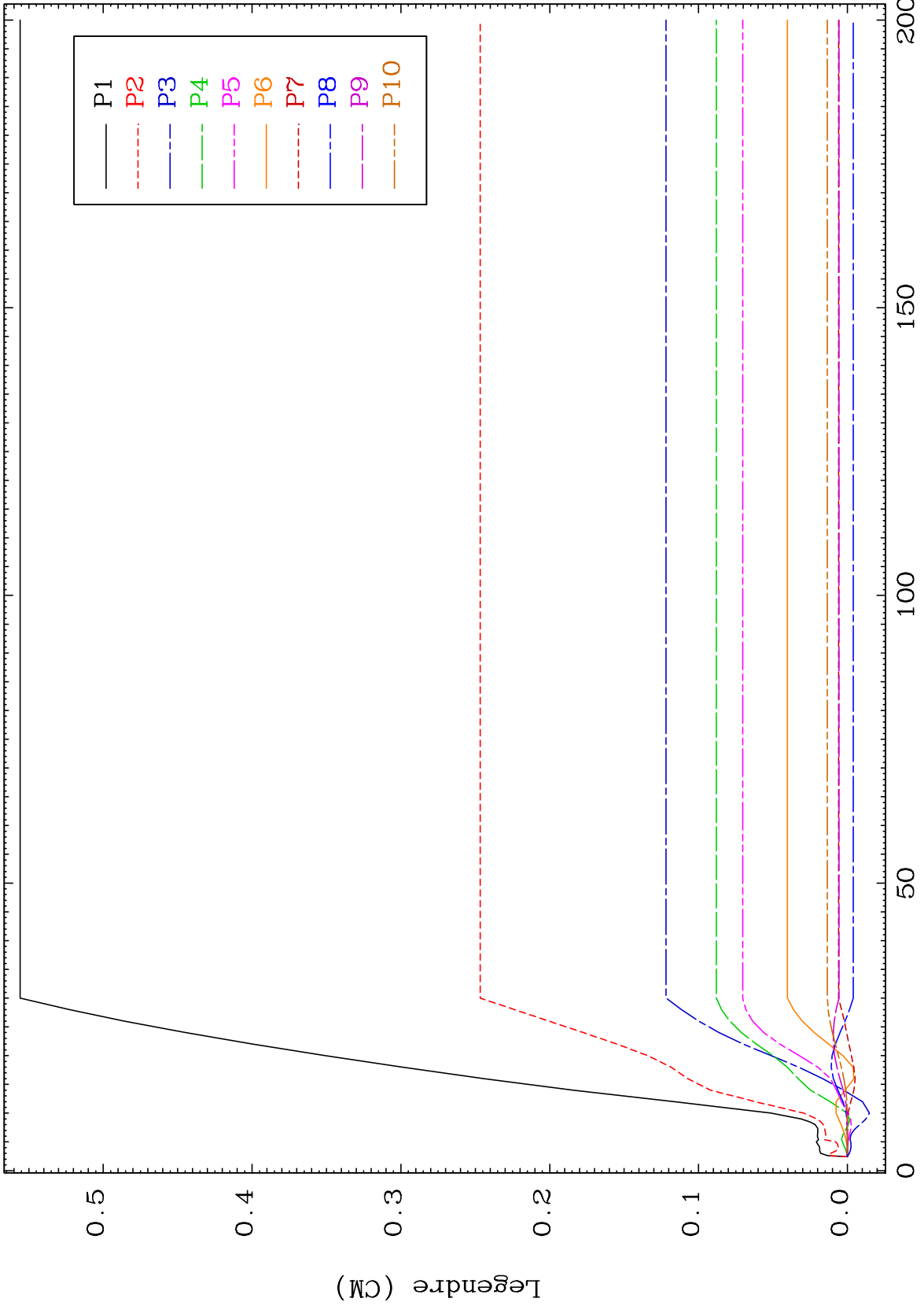
10-Ne-23

MAT 1034 MT= 53 (n,n') Level Legendre Coefficients 10-Ne-23



27 50 100 150 200 Incident Energy (MeV) 10-Ne-23

MAT 1034 MT= 54 (n,n') Level Legendre Coefficients 10-Ne-23

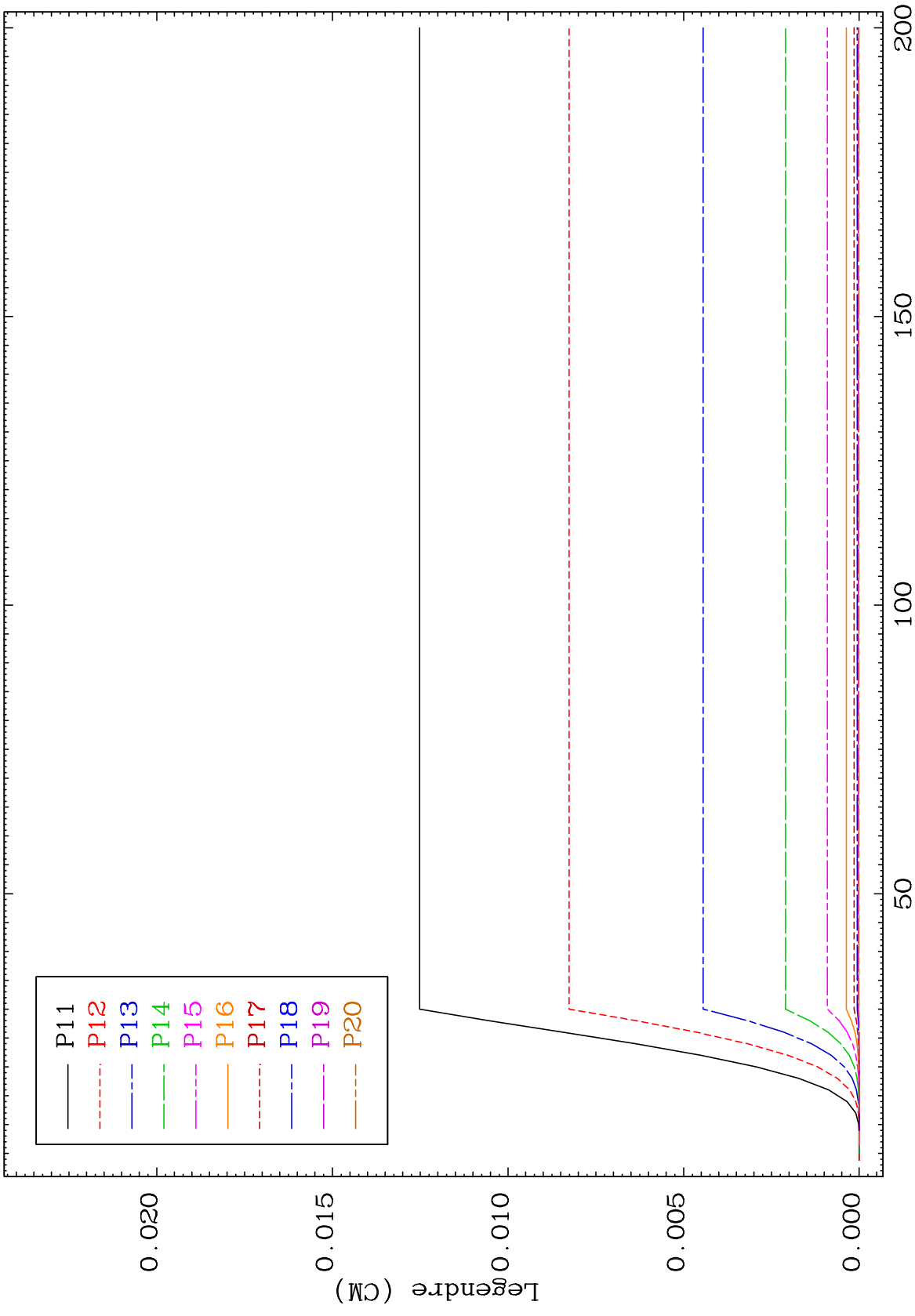


28 10-Ne-23

MAT 1034

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

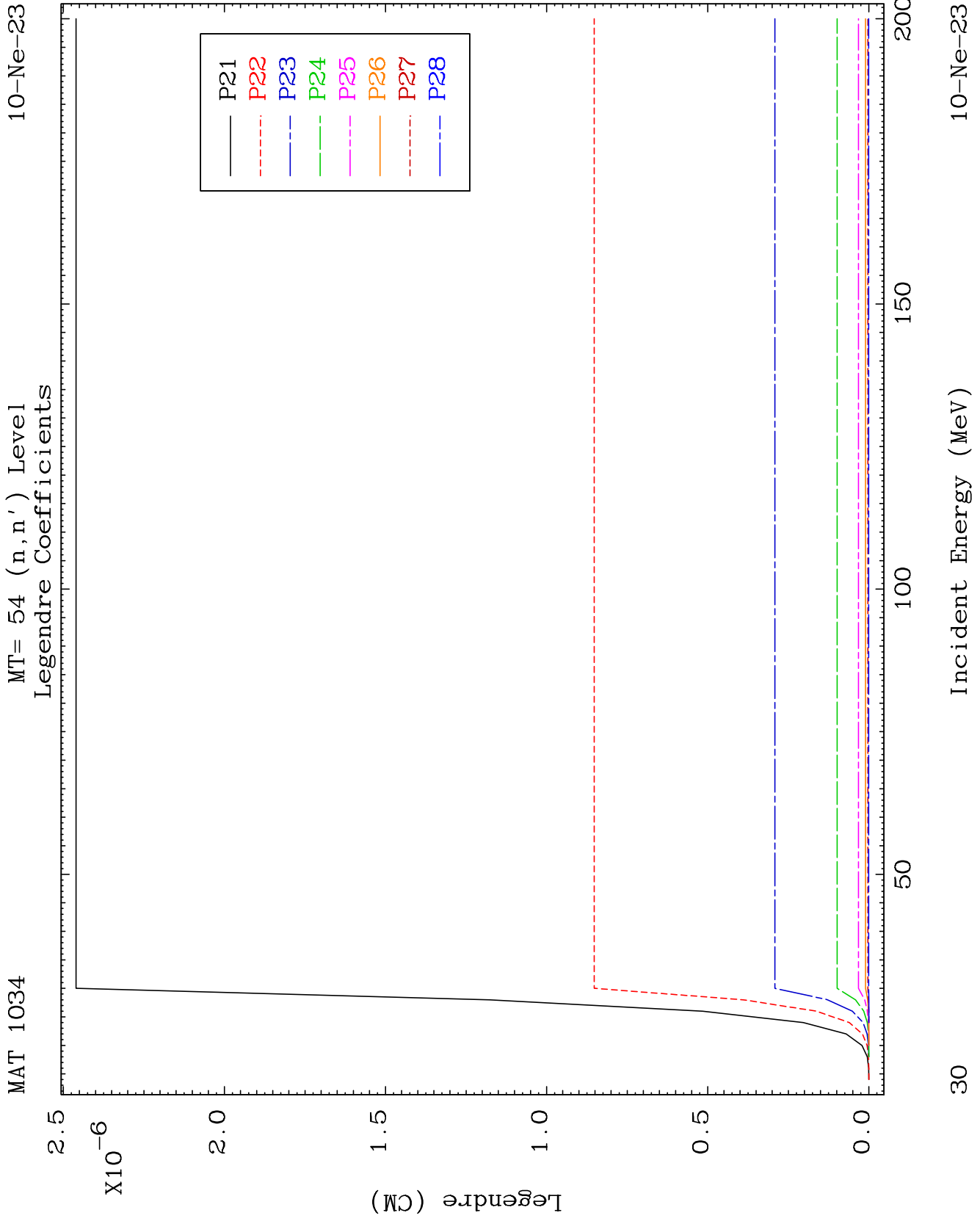
10-Ne-23



29

Incident Energy (MeV)

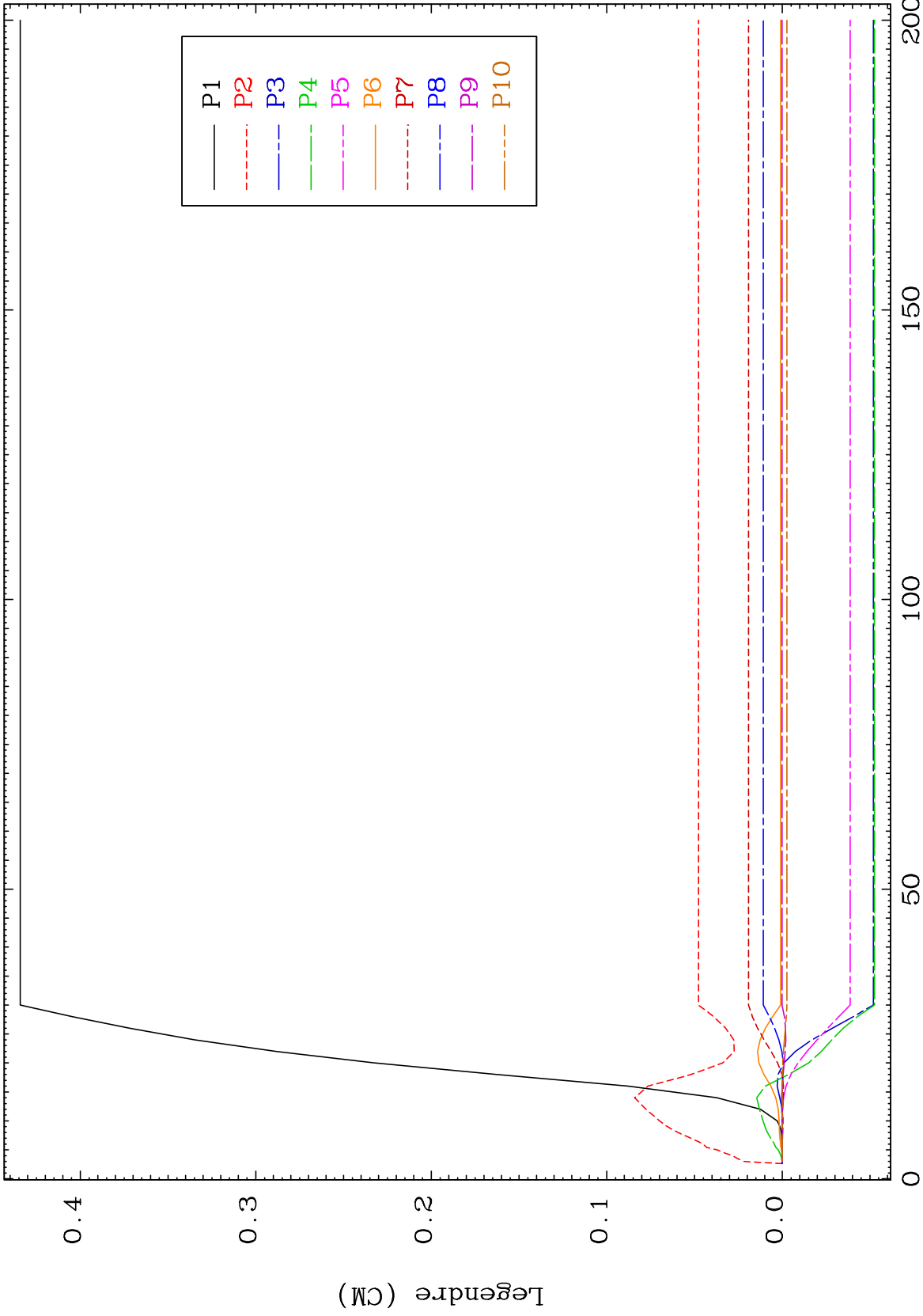
10-Ne-23



MAT 1034

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

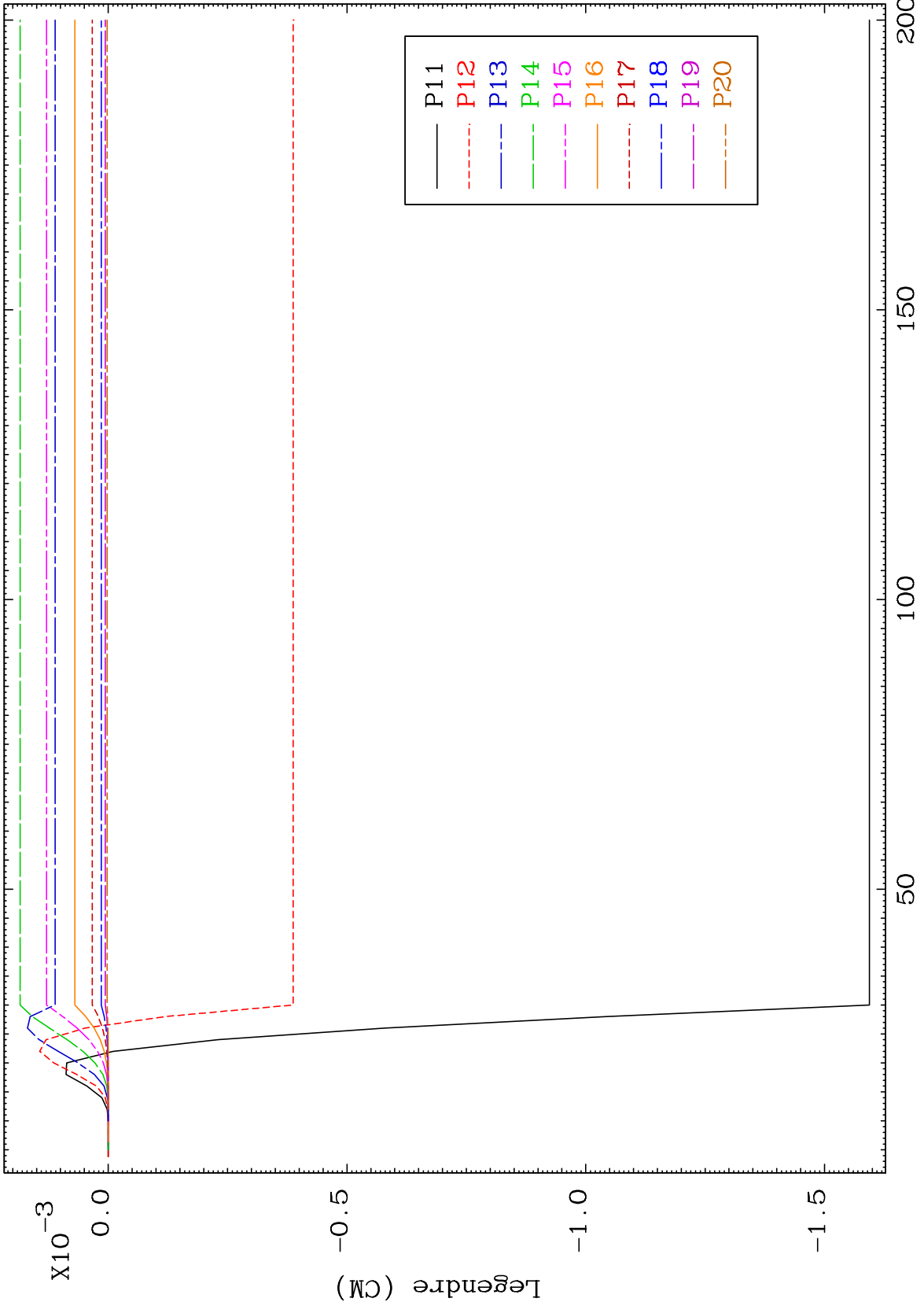
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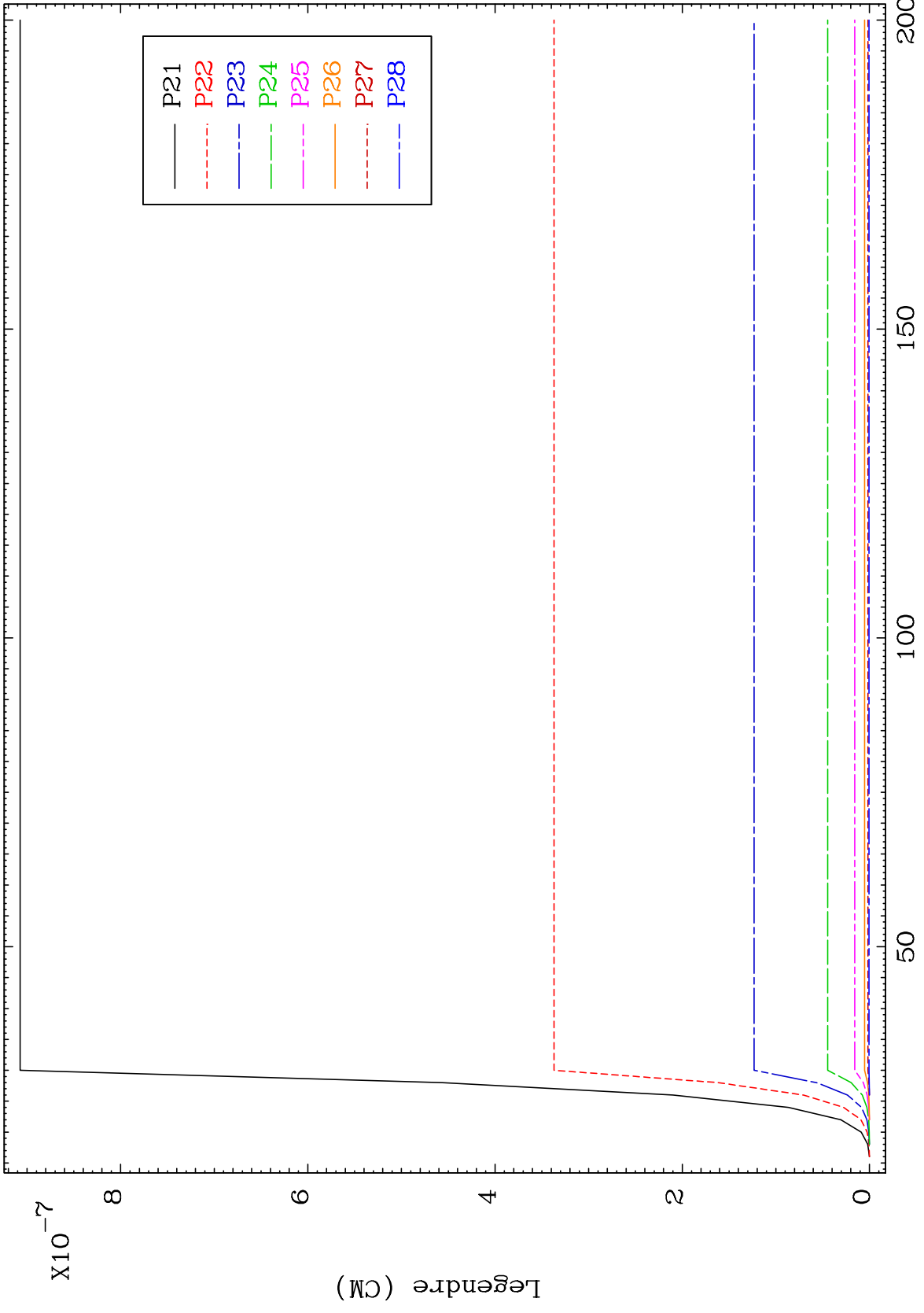
31

10-Ne-23

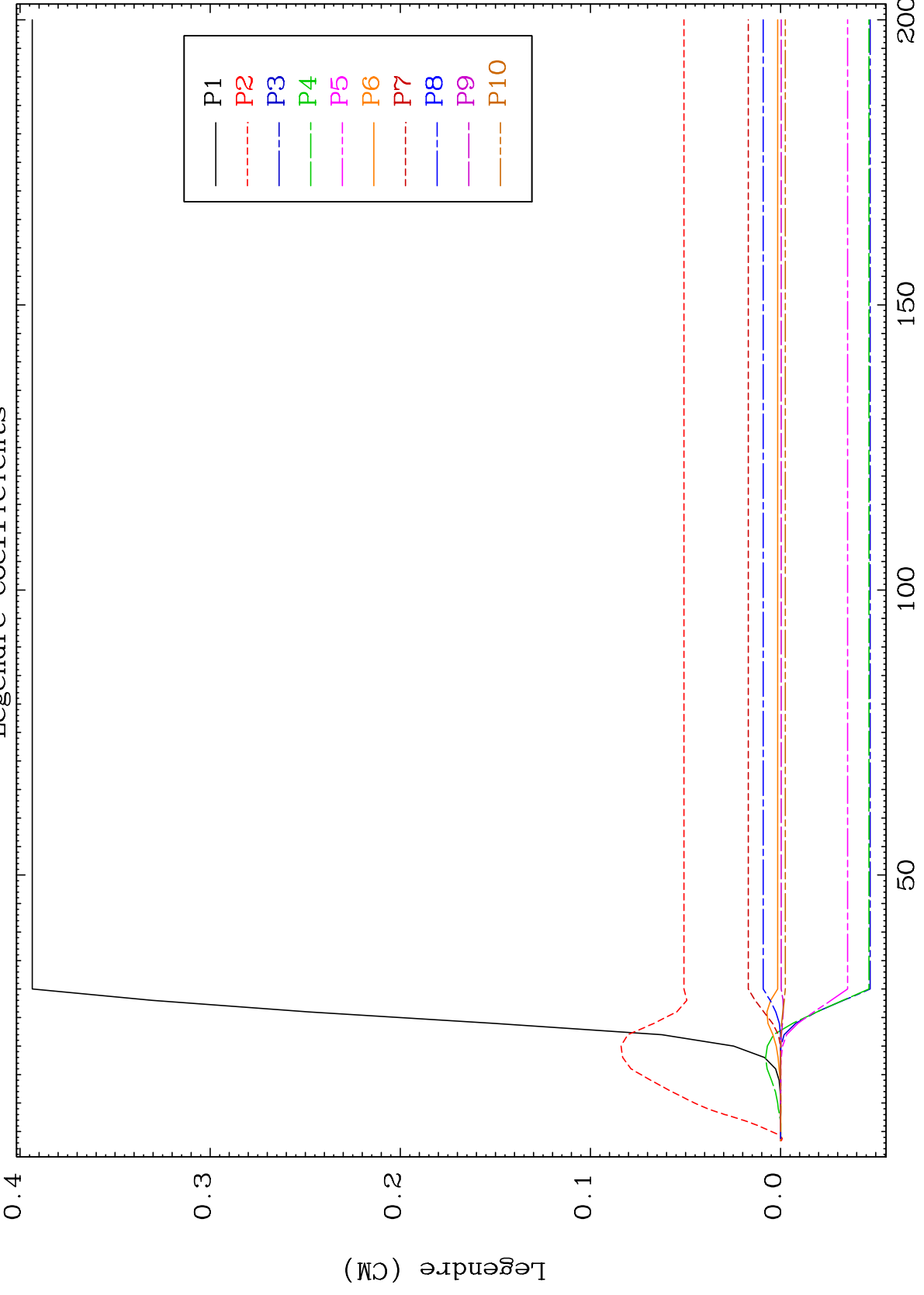
MAT 1034 MT= 55 (n,n') Level Legendre Coefficients 10-Ne-23



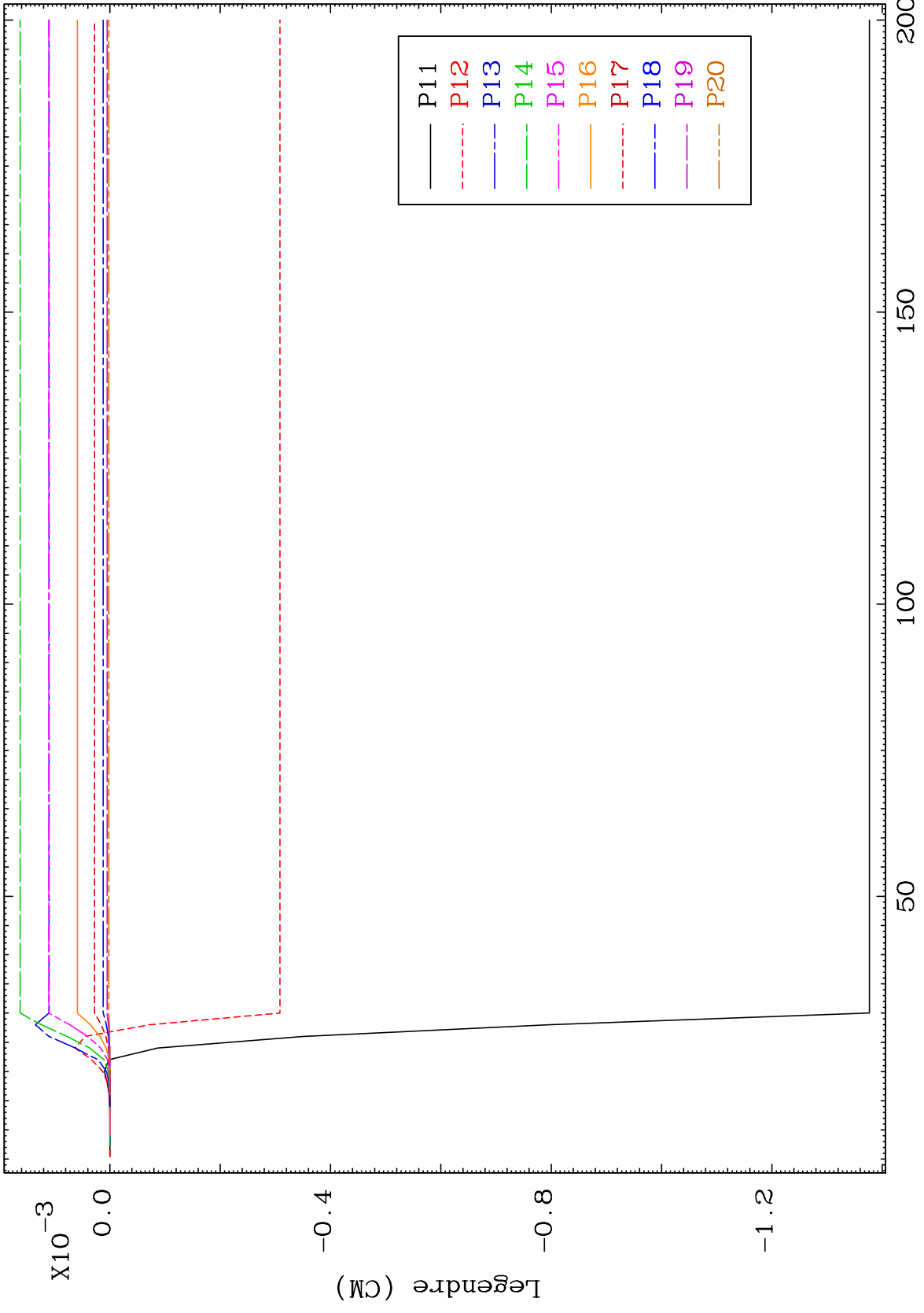
MAT 1034 MT= 55 (n,n') Level Legendre Coefficients 10-Ne-23



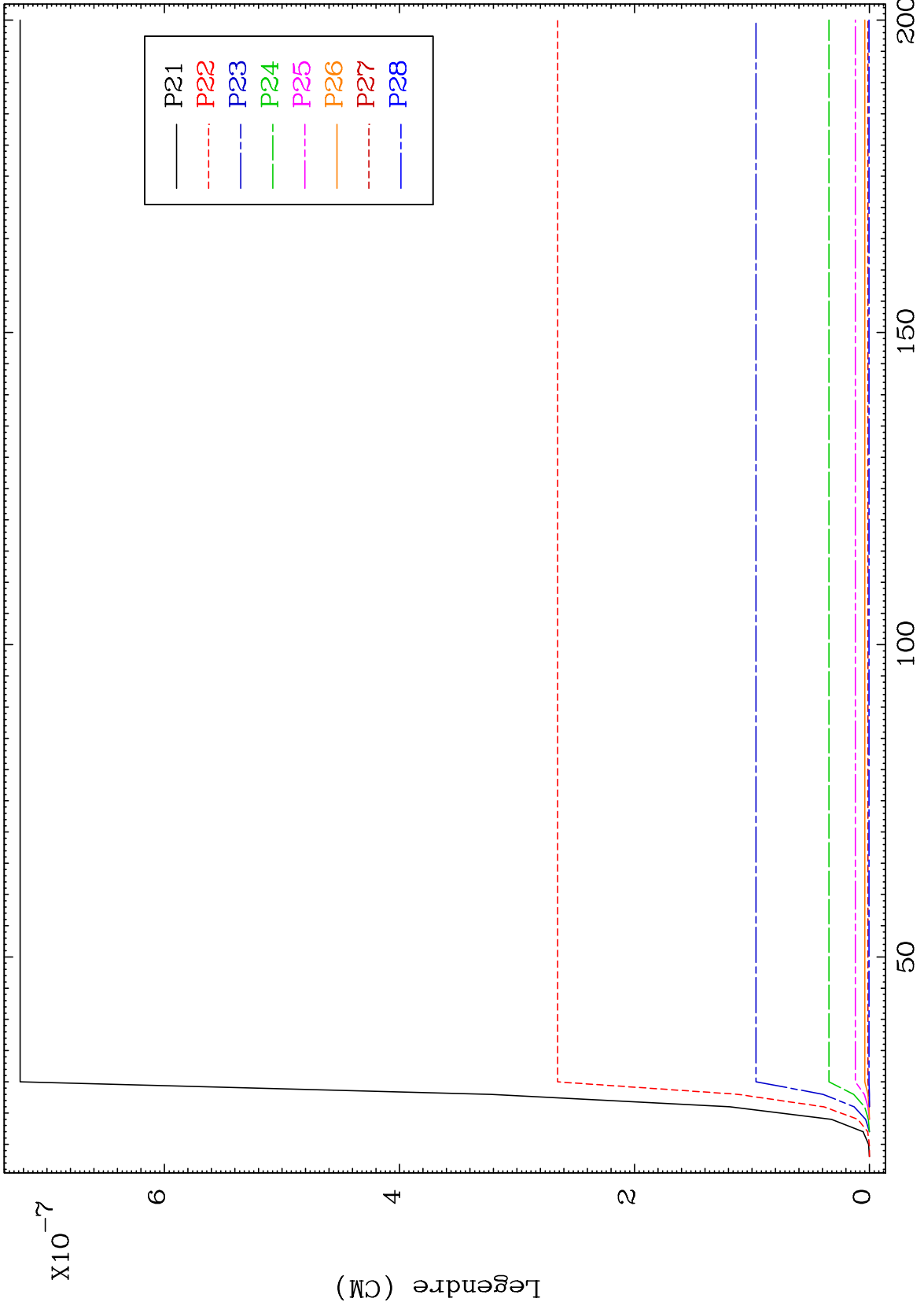
MAT 1034 MT= 56 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034 MT= 56 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034 MT= 56 (n,n') Level Legendre Coefficients 10-Ne-23

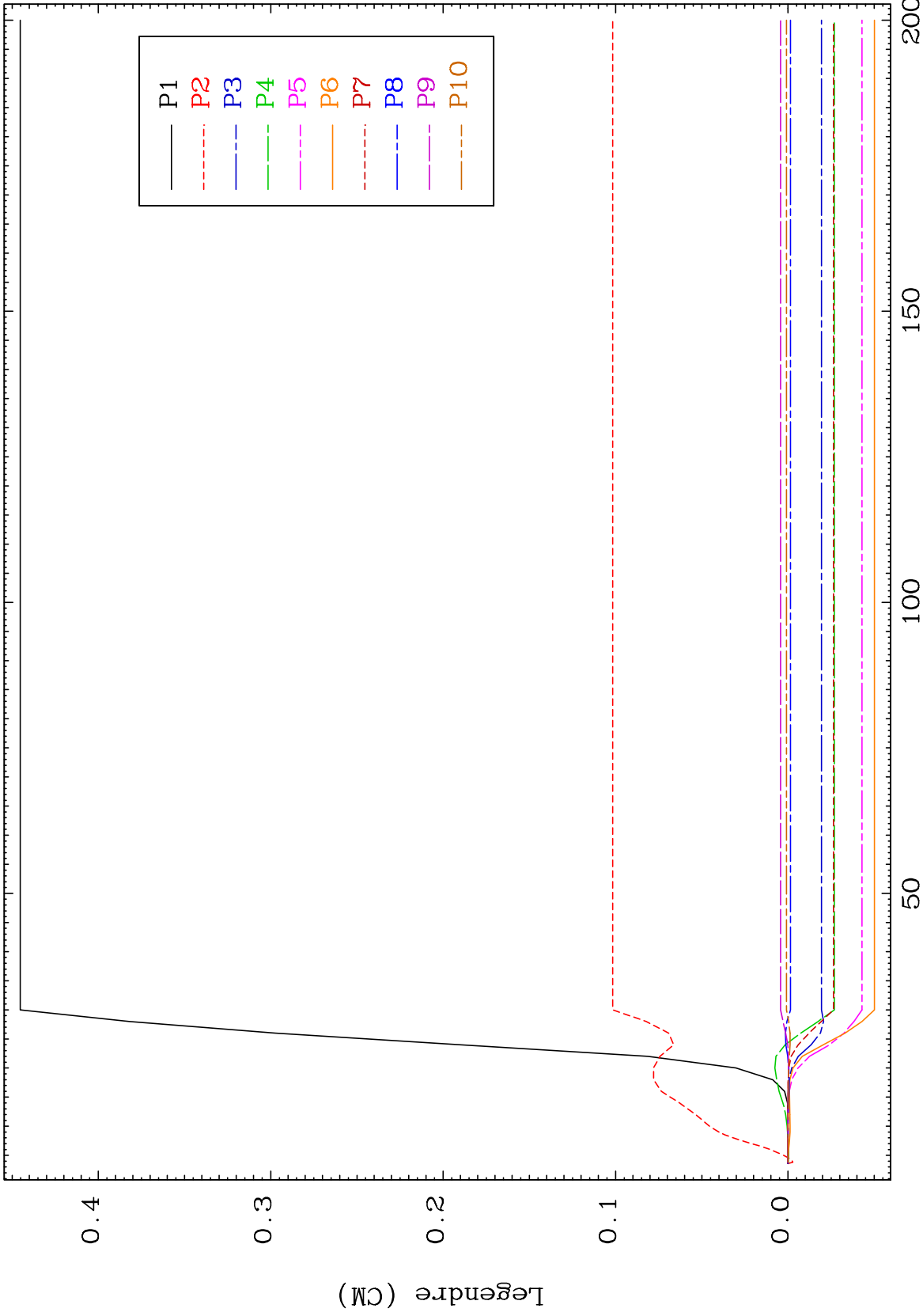


36 10-Ne-23

MAT 1034

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

10-Ne-23



37

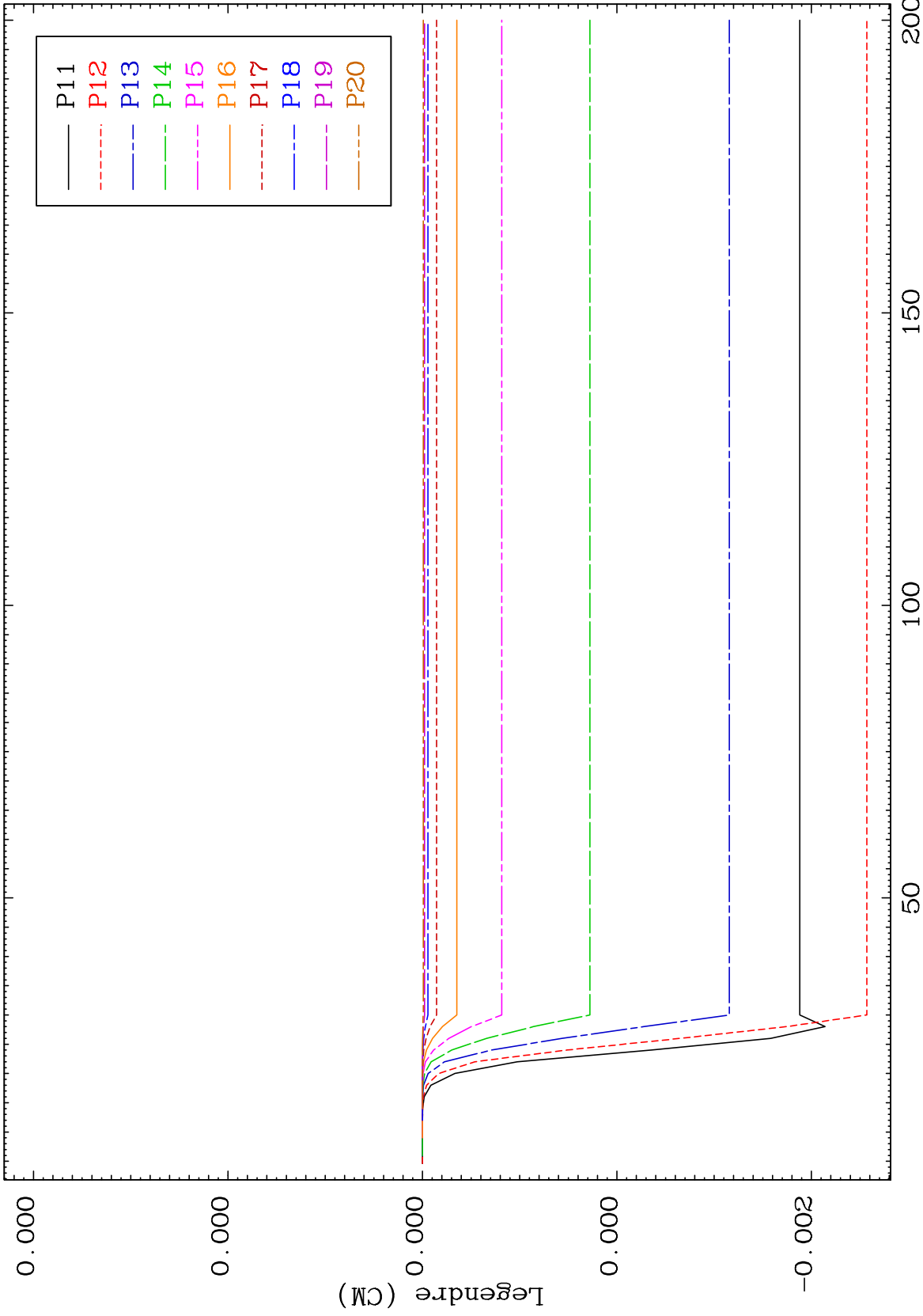
Incident Energy (MeV)

10-Ne-23

MAT 1034

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

10-Ne-23

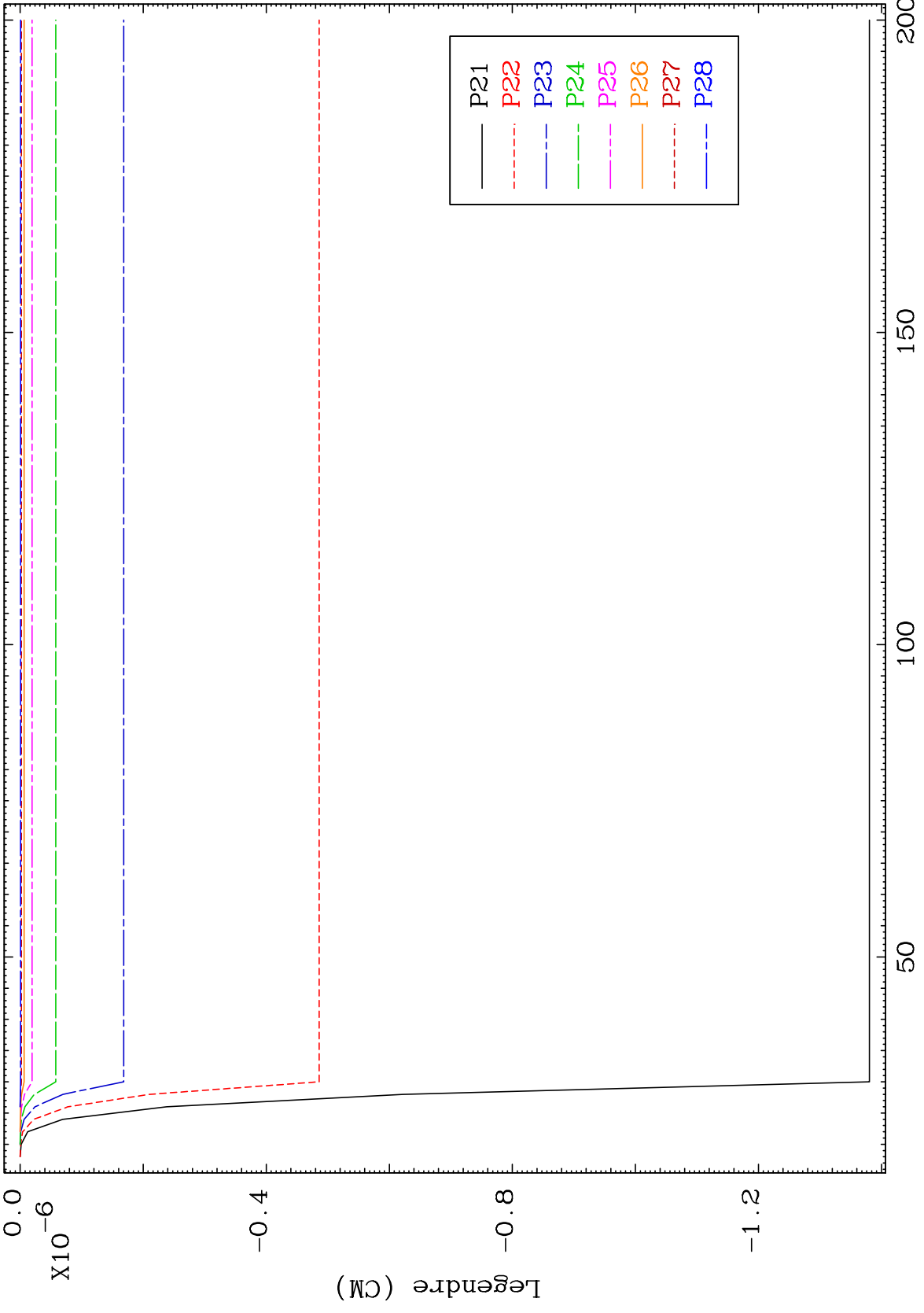


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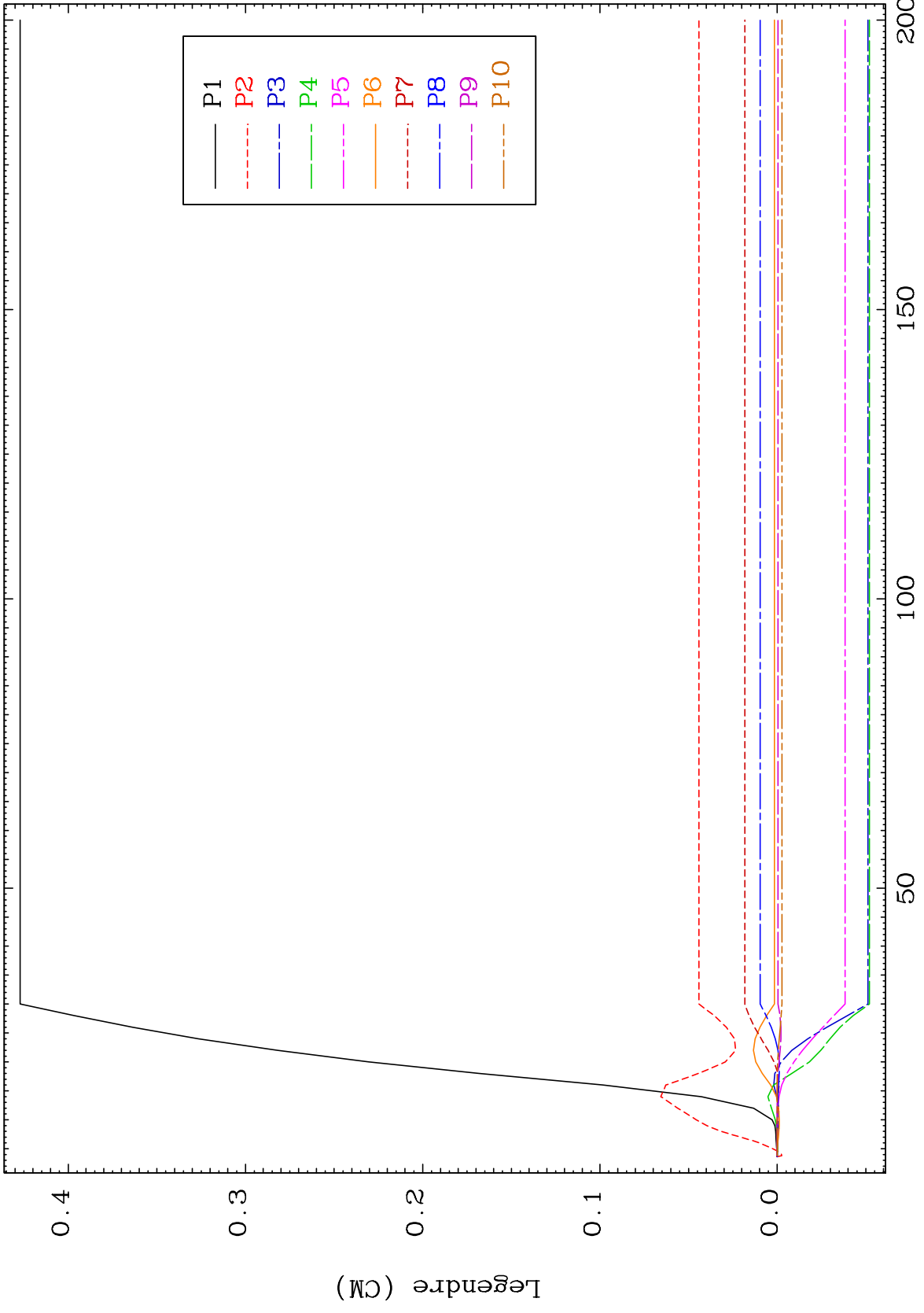
Incident Energy (MeV)

10-Ne-23

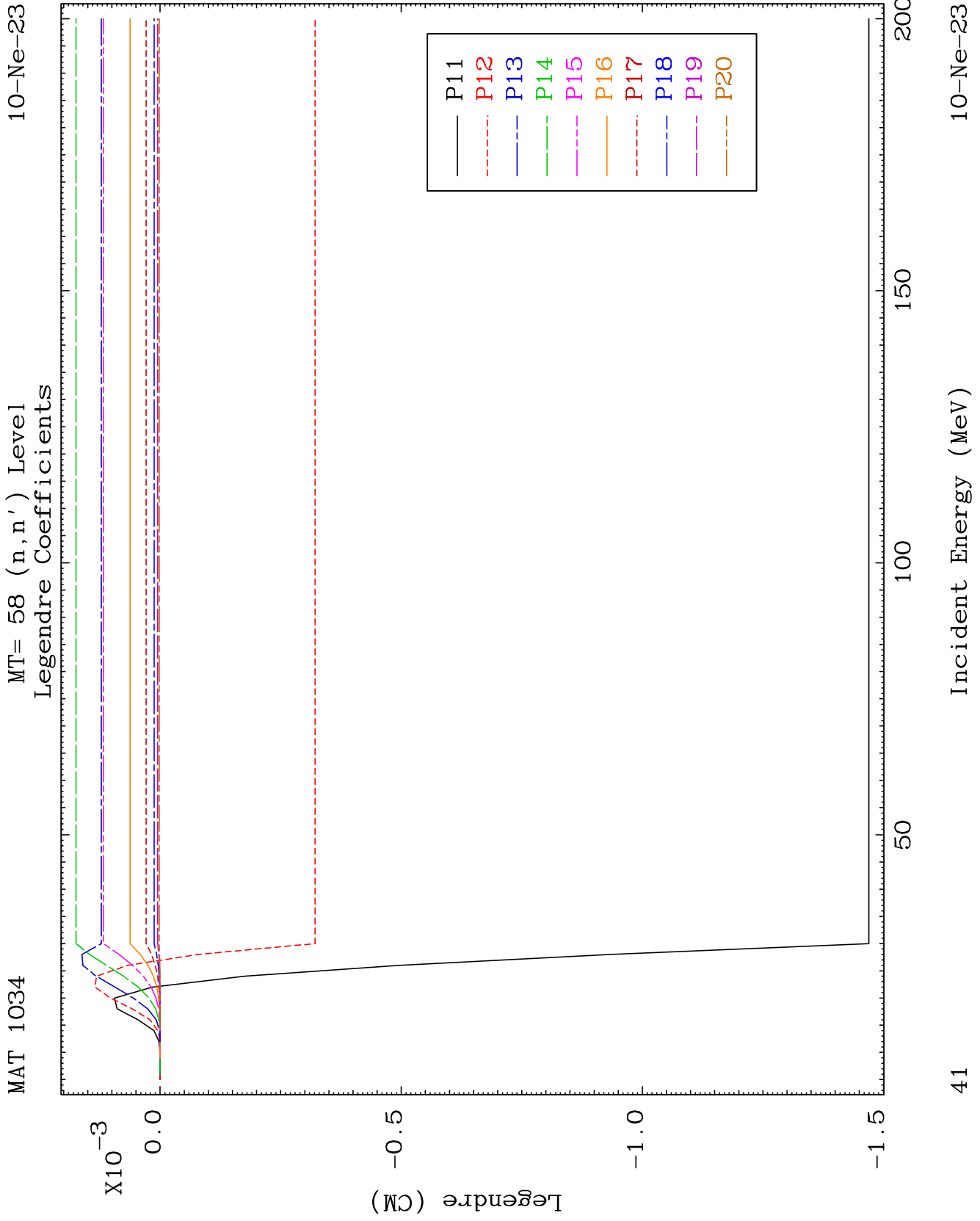
MAT 1034 MT= 57 (n,n') Level Legendre Coefficients 10-Ne-23



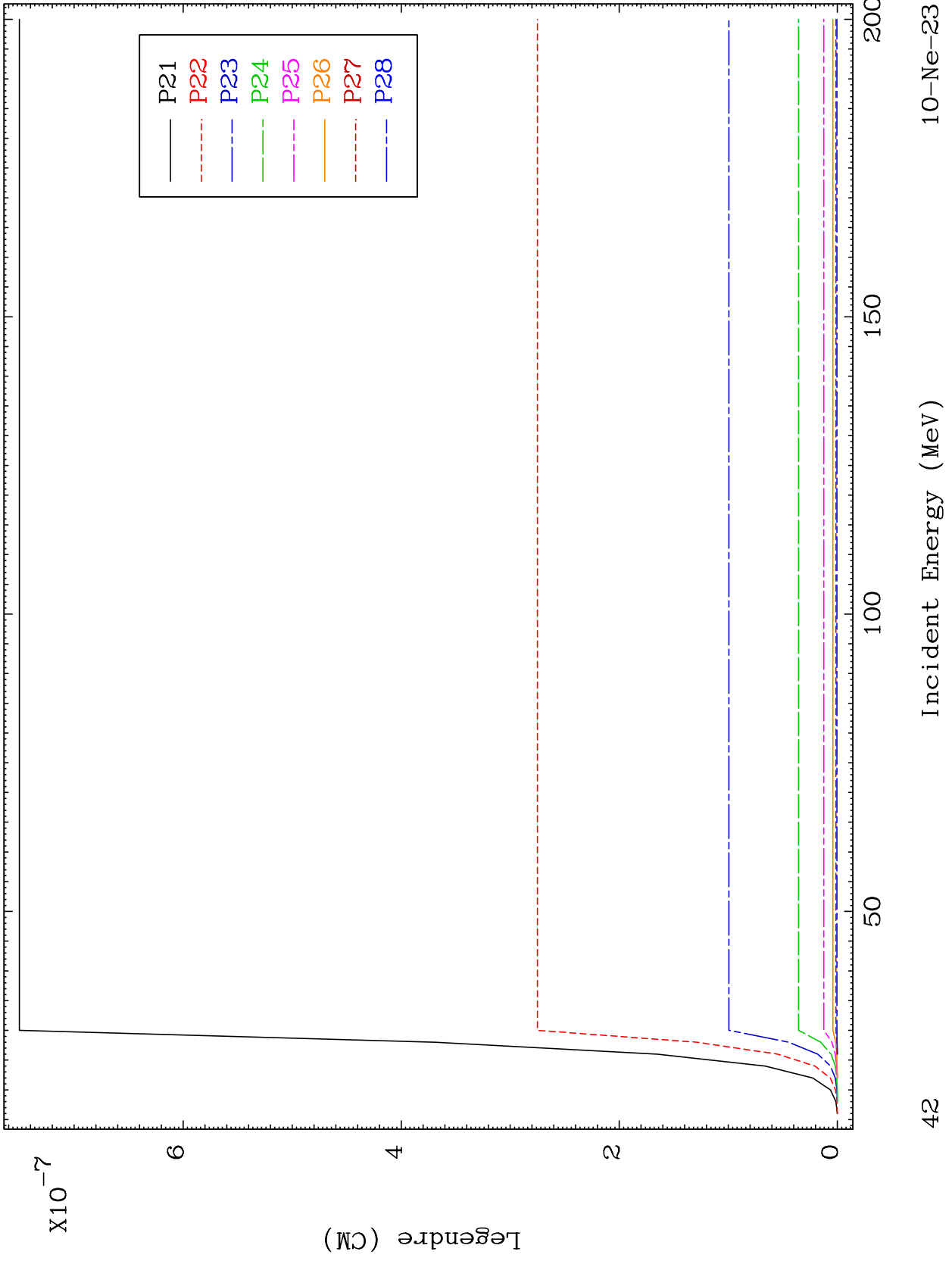
MAT 1034 MT= 58 (n,n') Level Legendre Coefficients 10-Ne-23



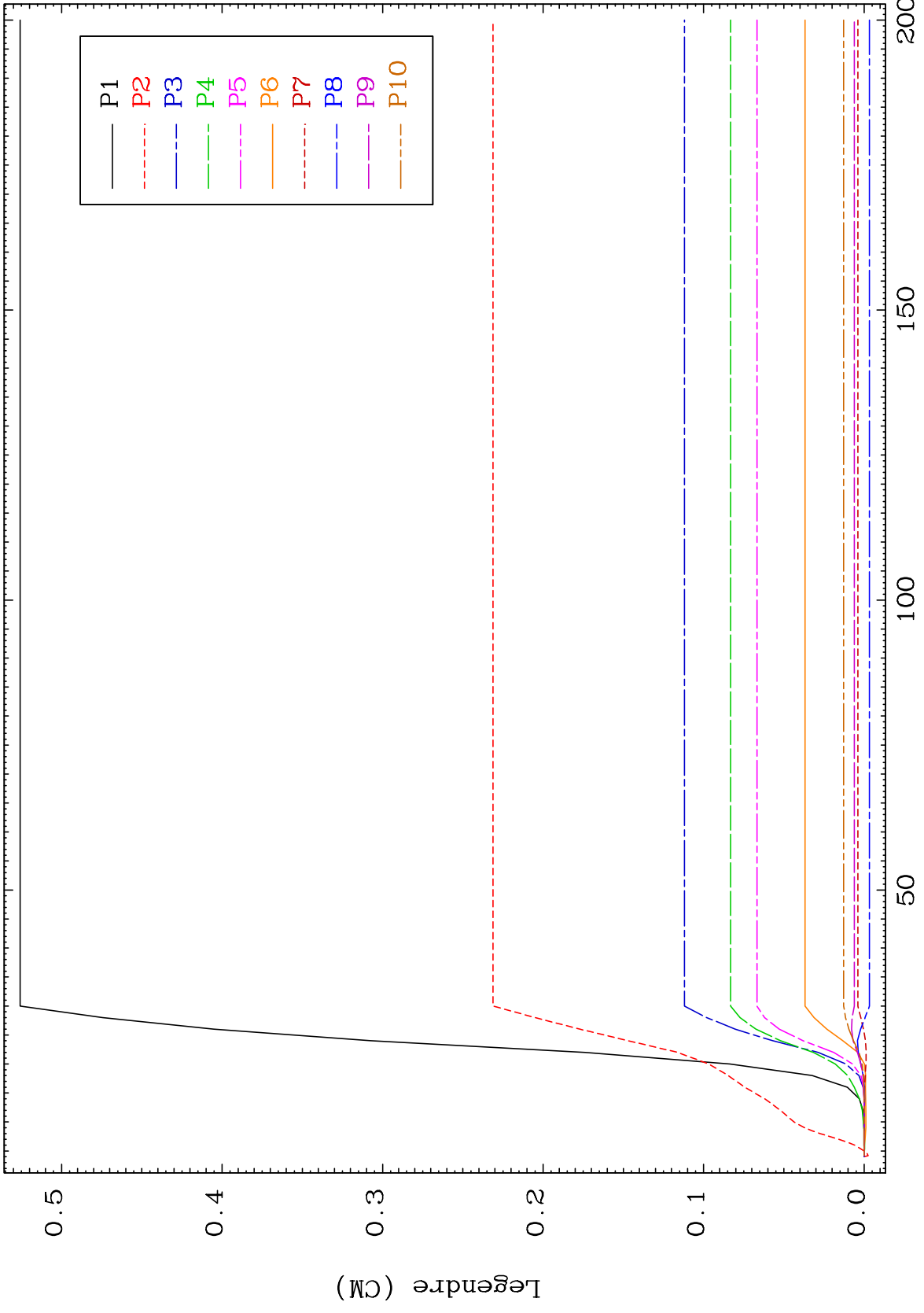
40 50 100 150 200 10-Ne-23



MAT 1034 MT= 58 (n,n') Level Legendre Coefficients 10-Ne-23



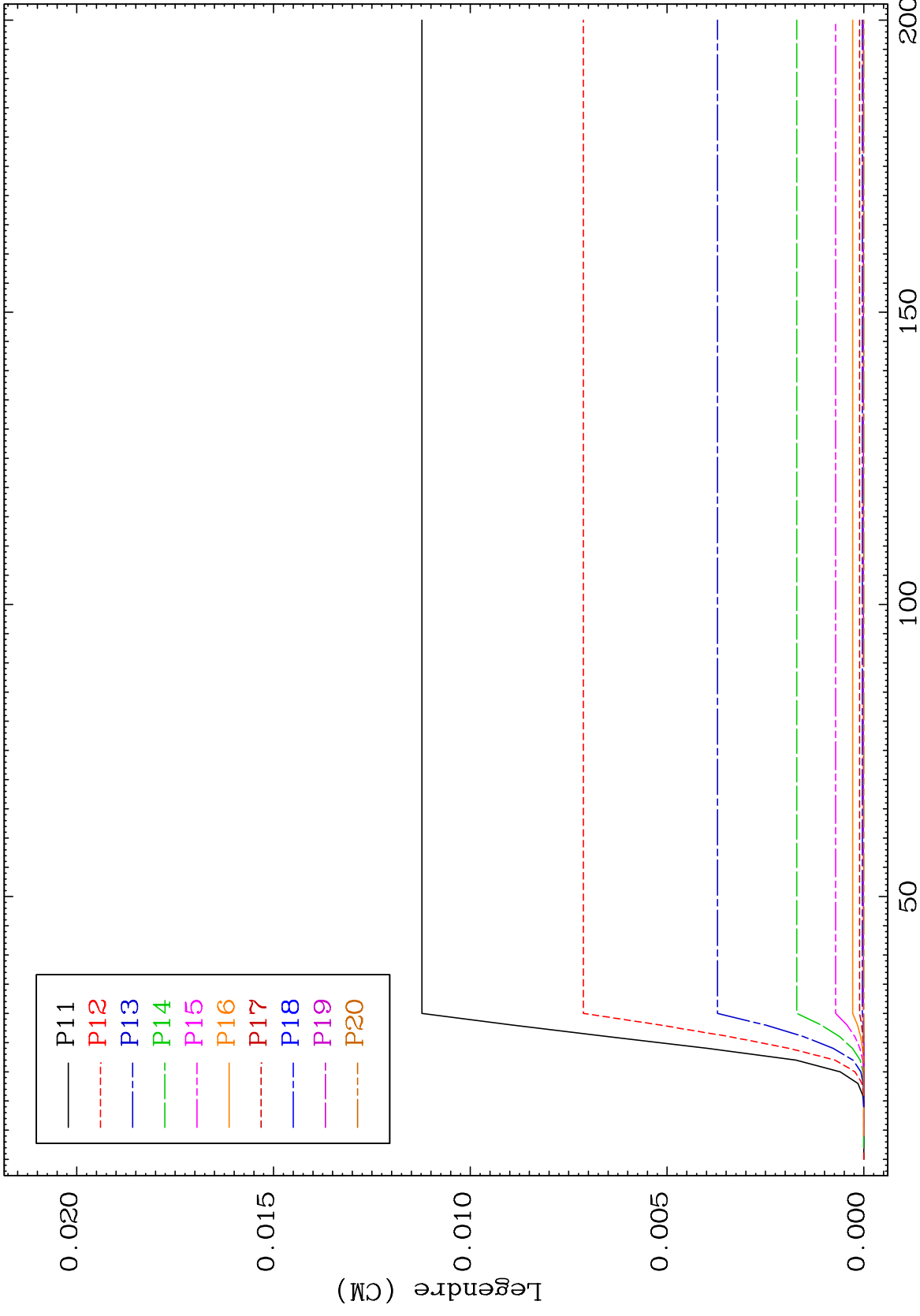
MAT 1034 MT= 59 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034

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

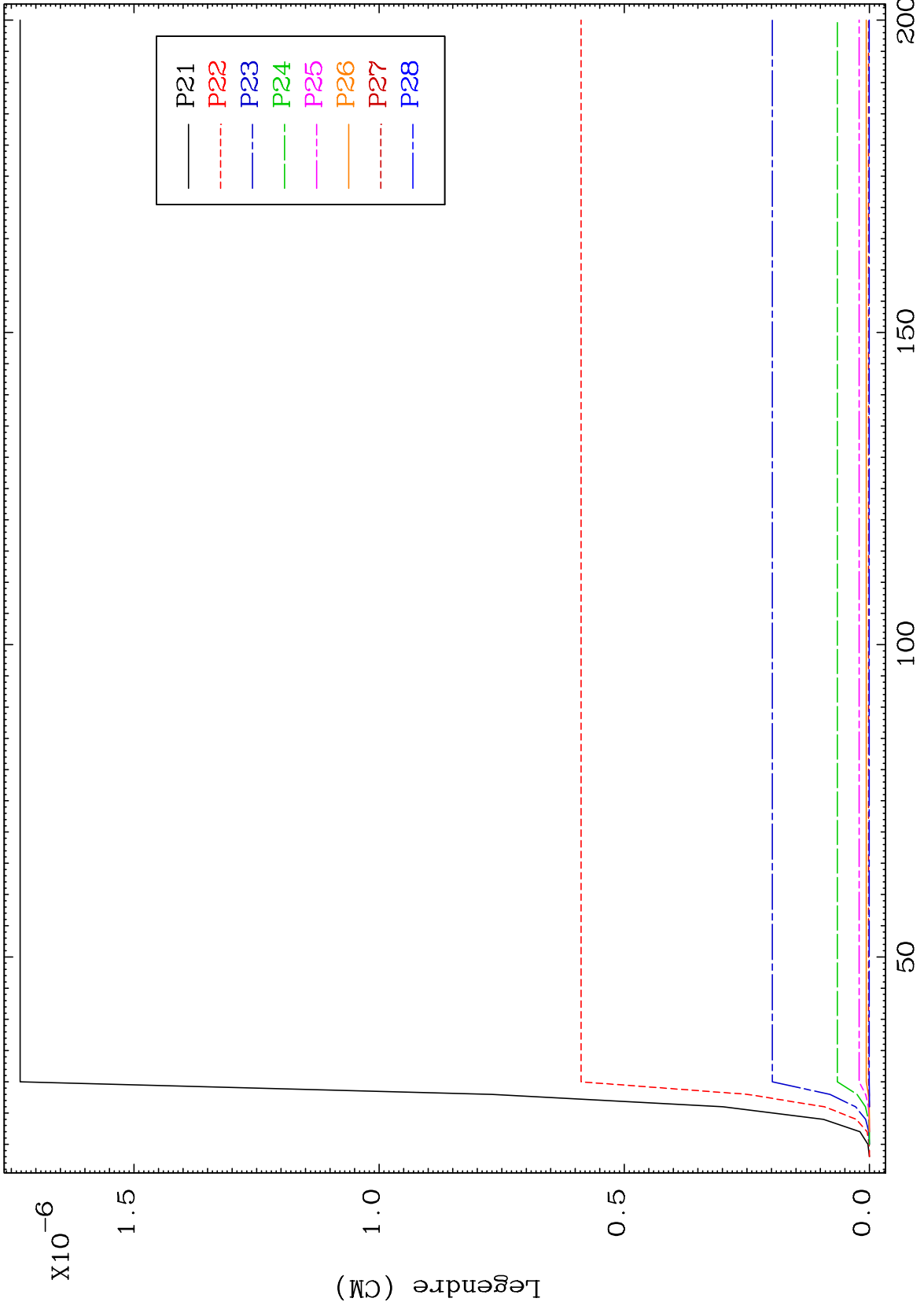
10-Ne-23



10-Ne-23

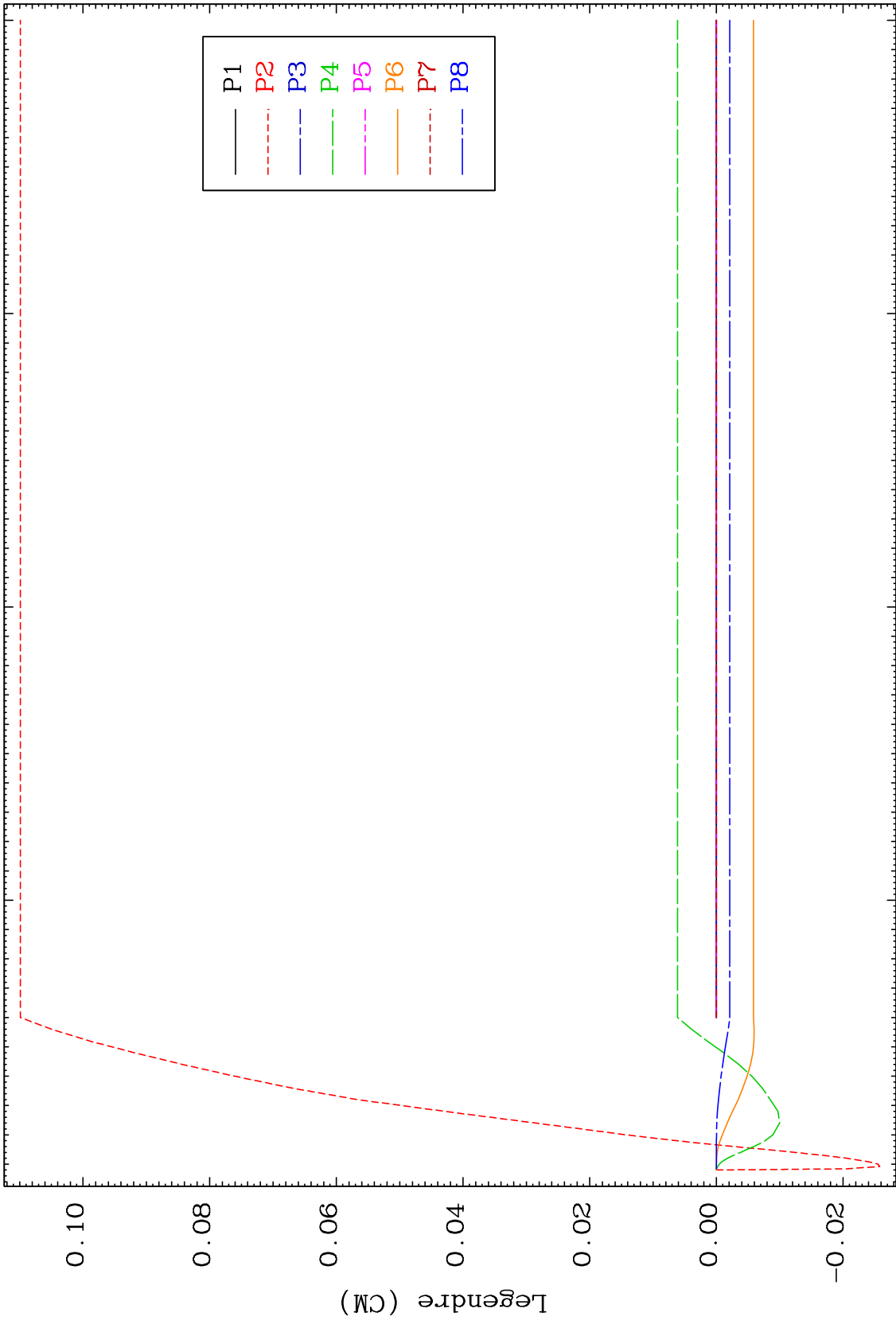
Incident Energy (MeV)

MAT 1034 MT= 59 (n,n') Level Legendre Coefficients 10-Ne-23



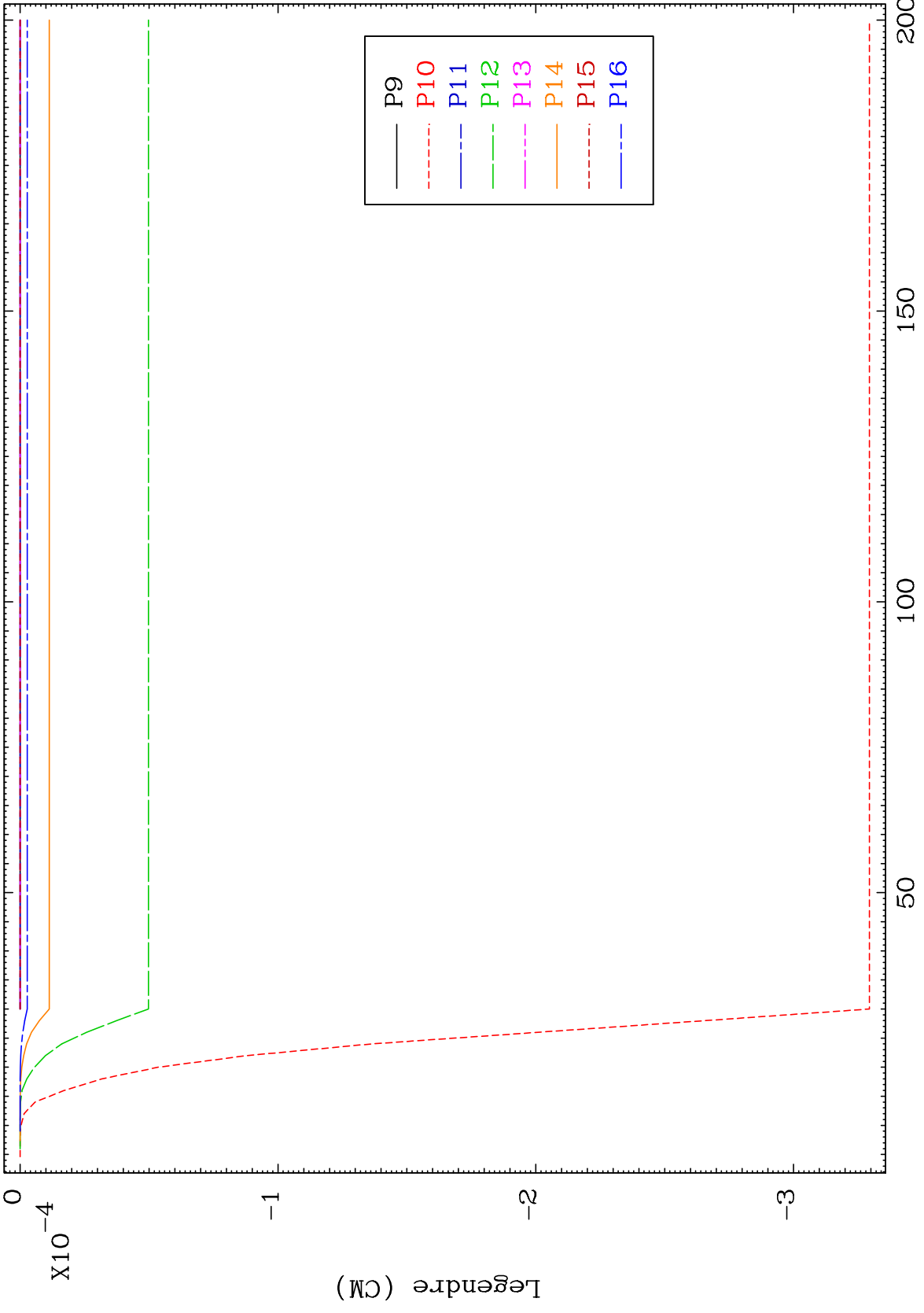
Legendre (CM) X10⁻⁶ Incident Energy (MeV) 10-Ne-23

MAT 1034 MT= 60 (n,n') Level Legendre Coefficients 10-Ne-23

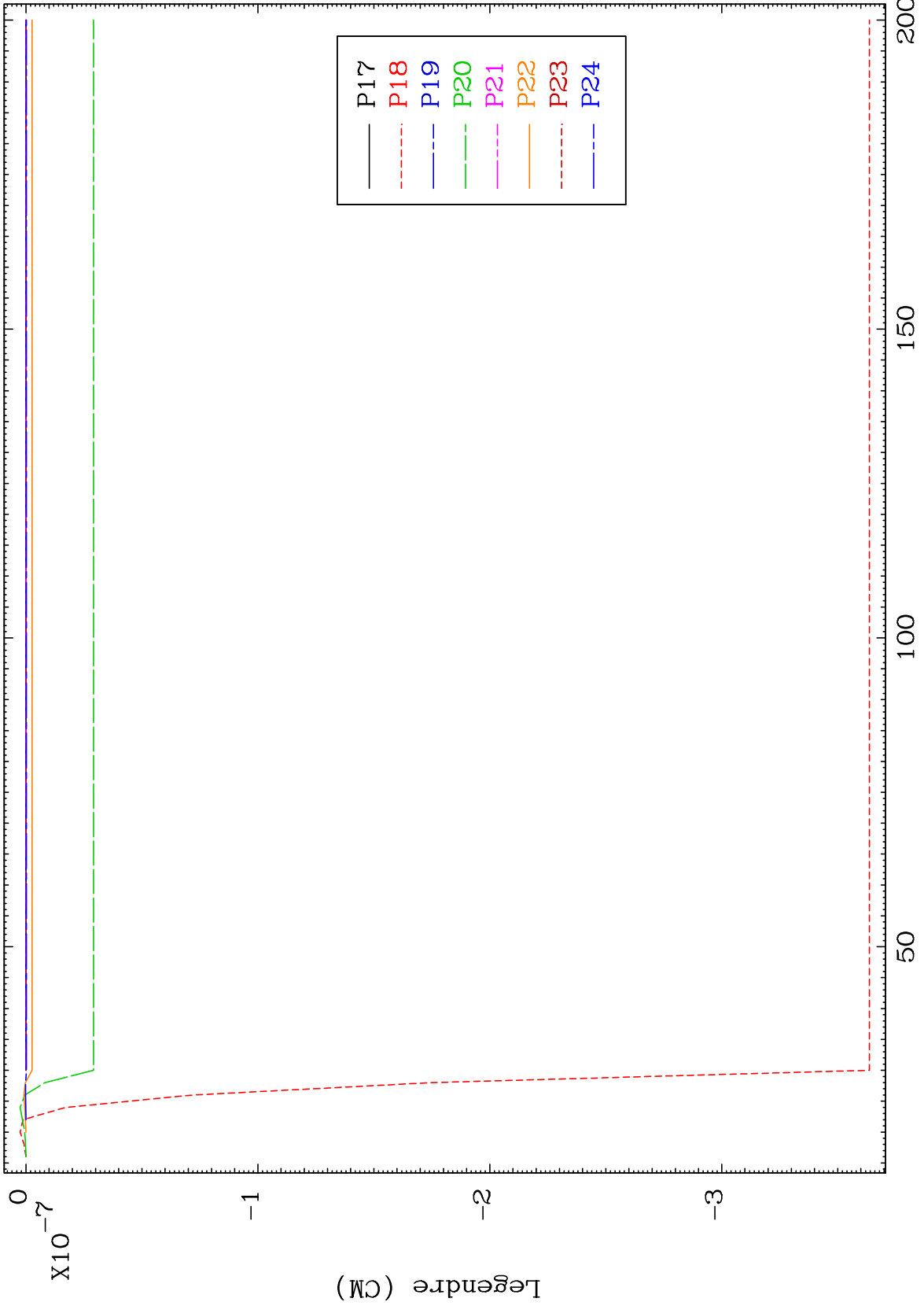


46 Incident Energy (MeV) 10-Ne-23

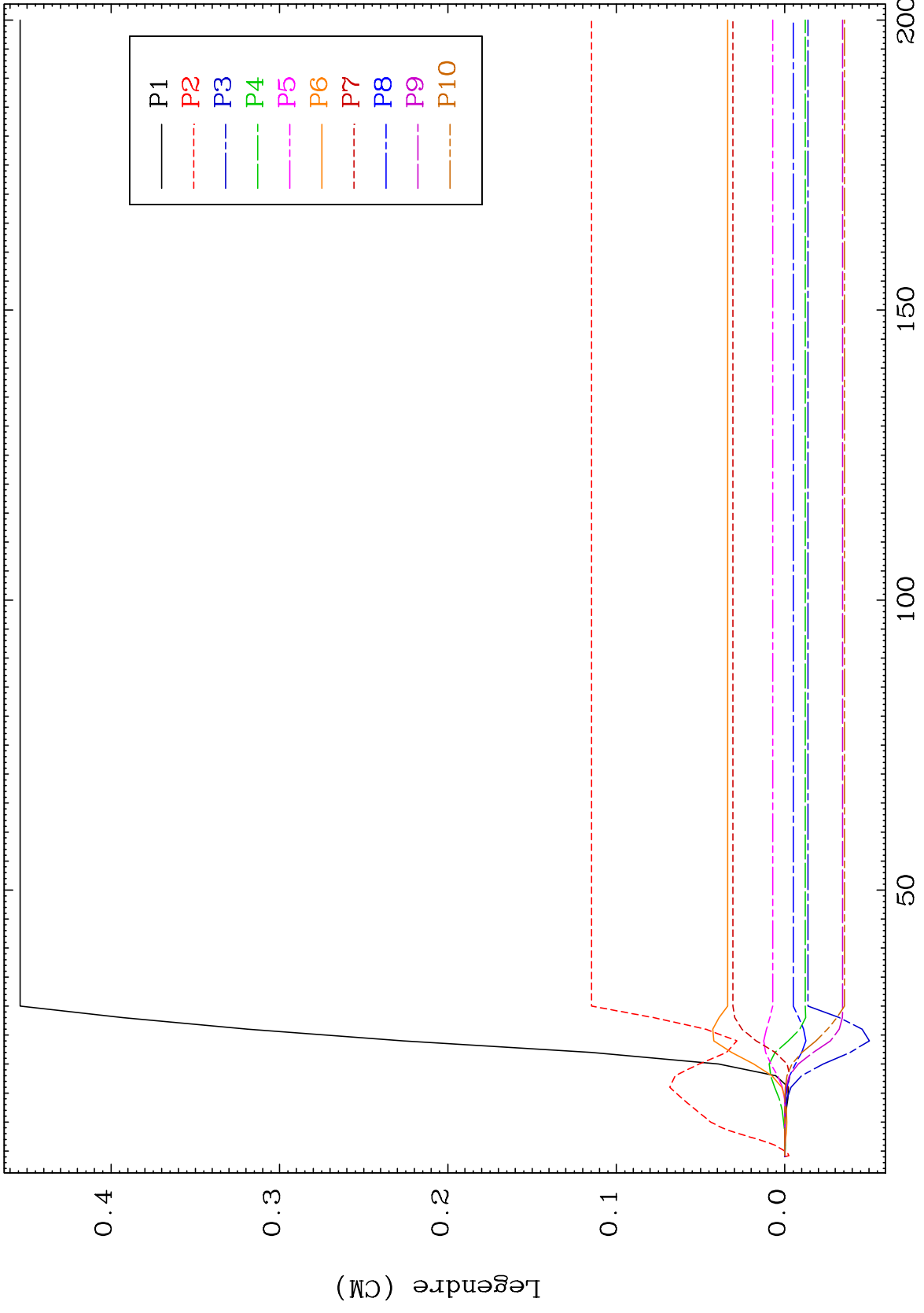
MAT 1034 MT= 60 (n,n') Level Legendre Coefficients 10-Ne-23



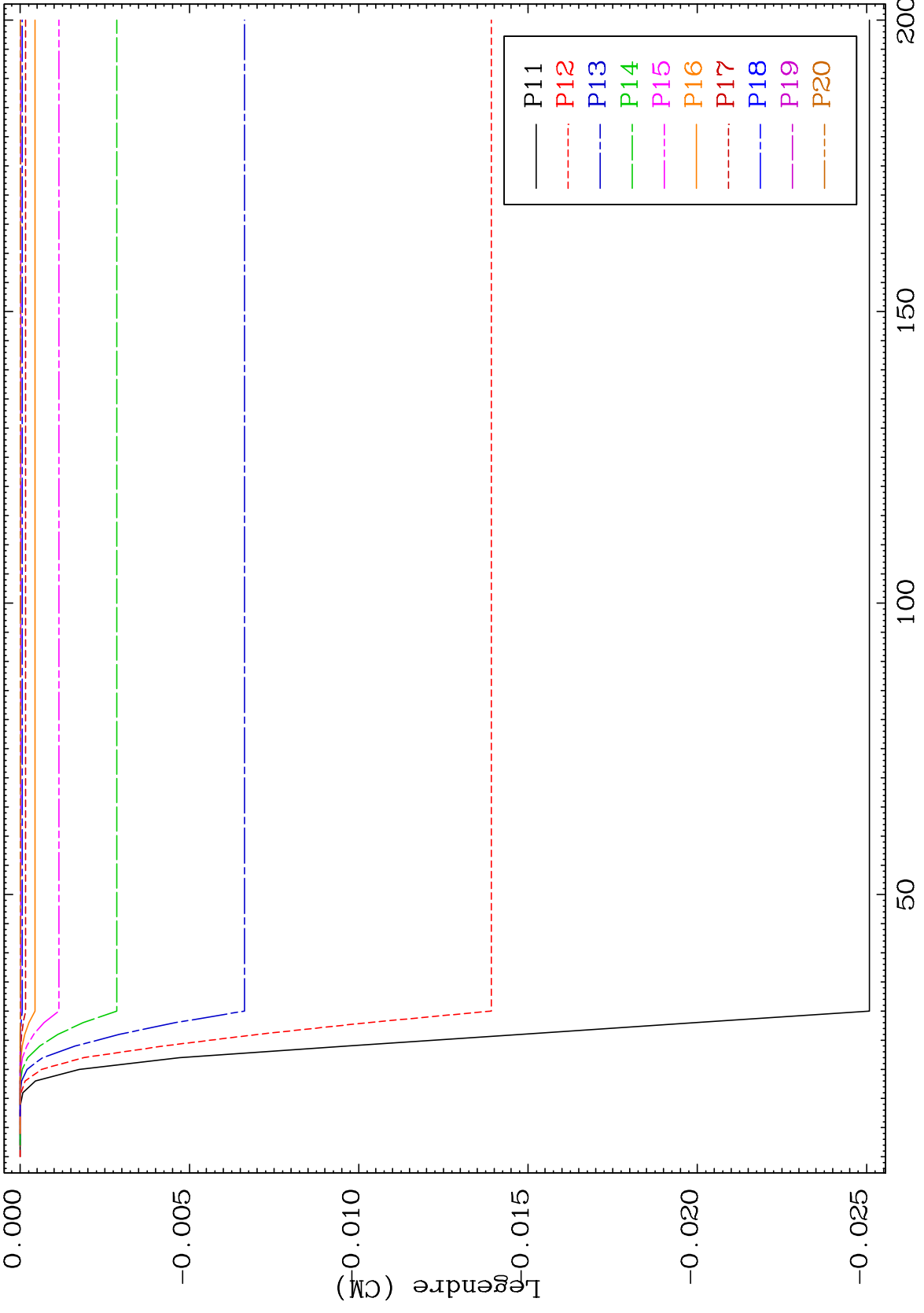
MAT 1034 MT= 60 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034 MT= 61 (n,n') Level Legendre Coefficients 10-Ne-23

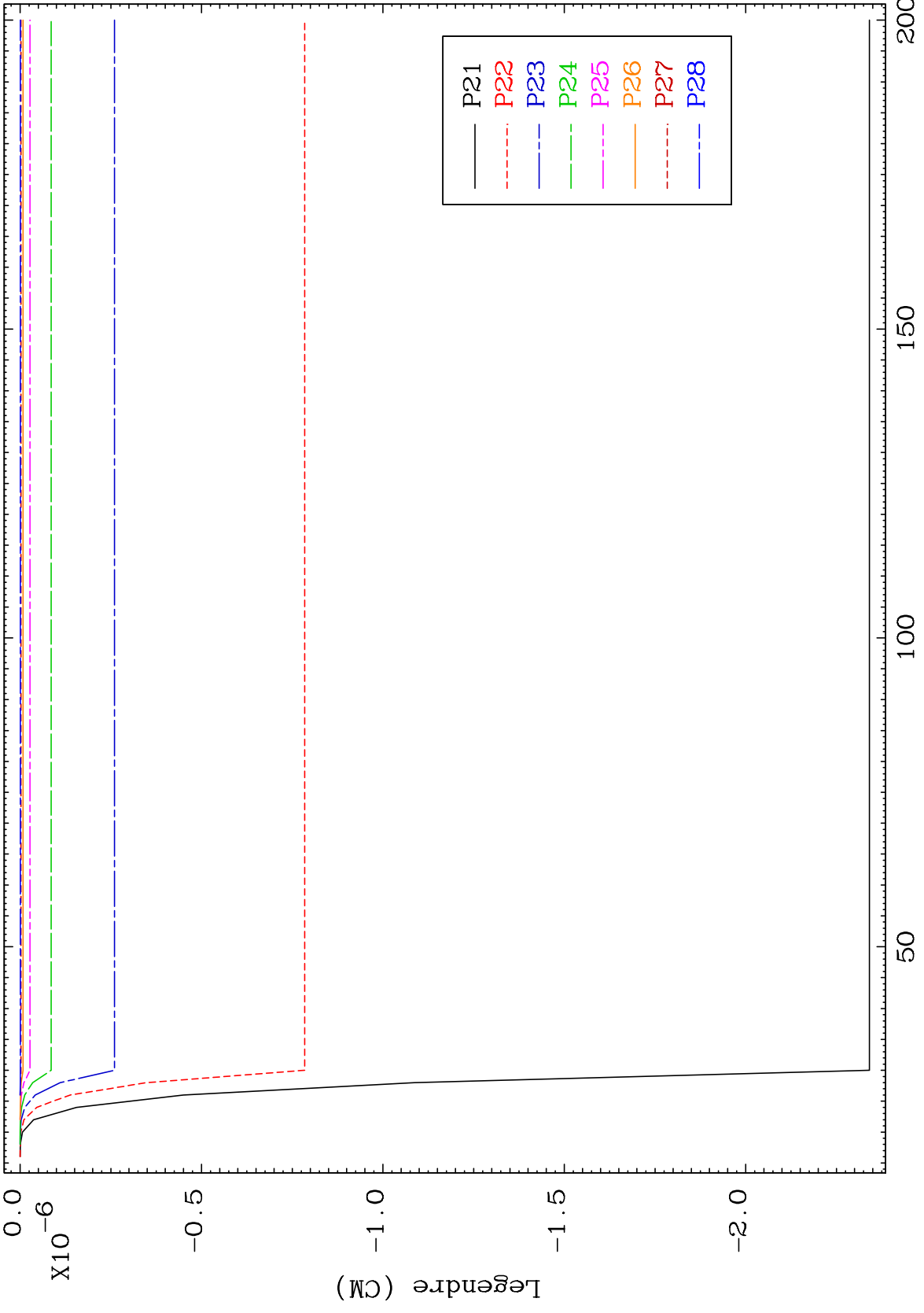


MAT 1034 MT= 61 (n,n') Level Legendre Coefficients 10-Ne-23

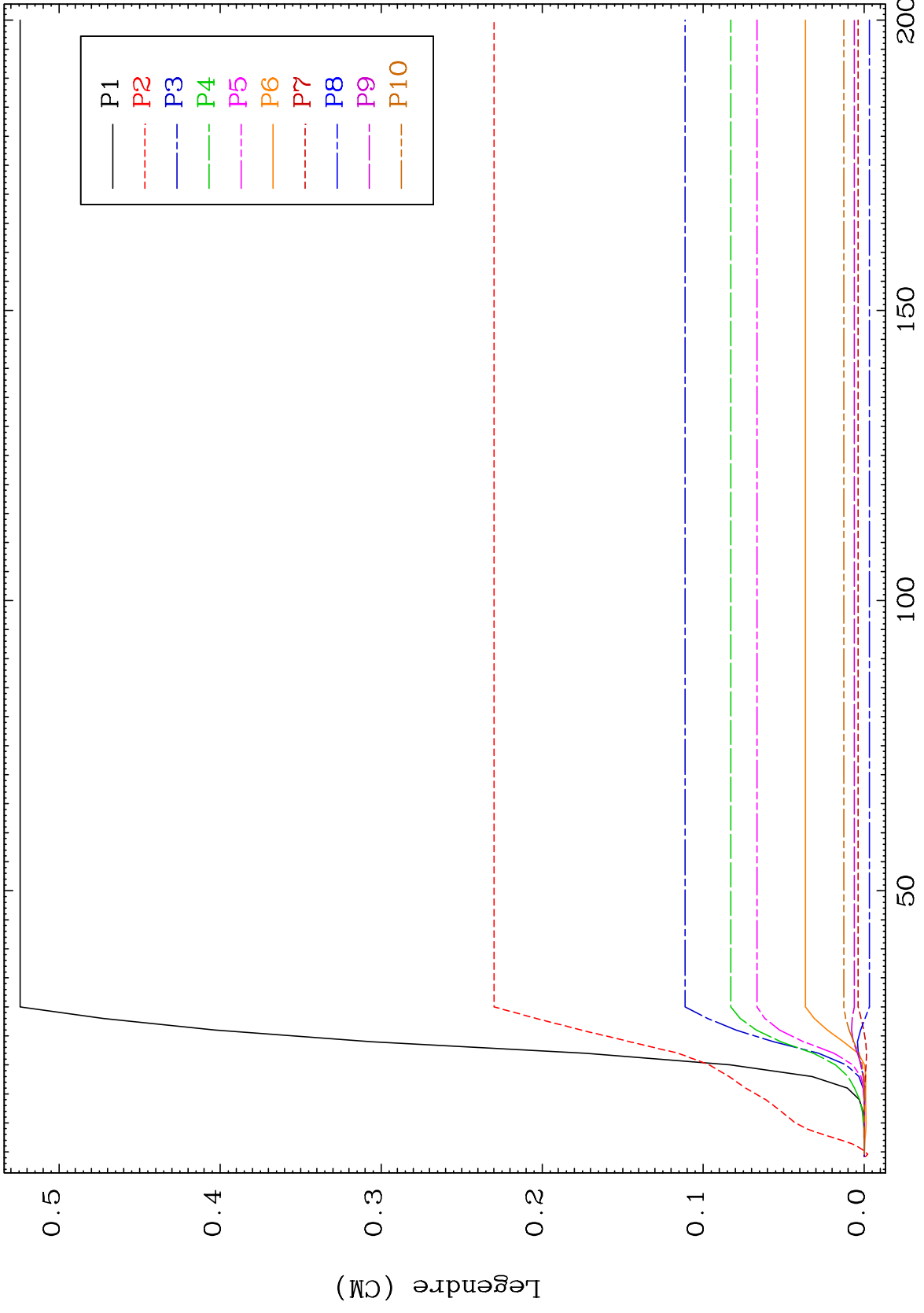


50 100 150 200 Incident Energy (MeV) 10-Ne-23

MAT 1034 MT= 61 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034 MT= 62 (n,n') Level Legendre Coefficients 10-Ne-23

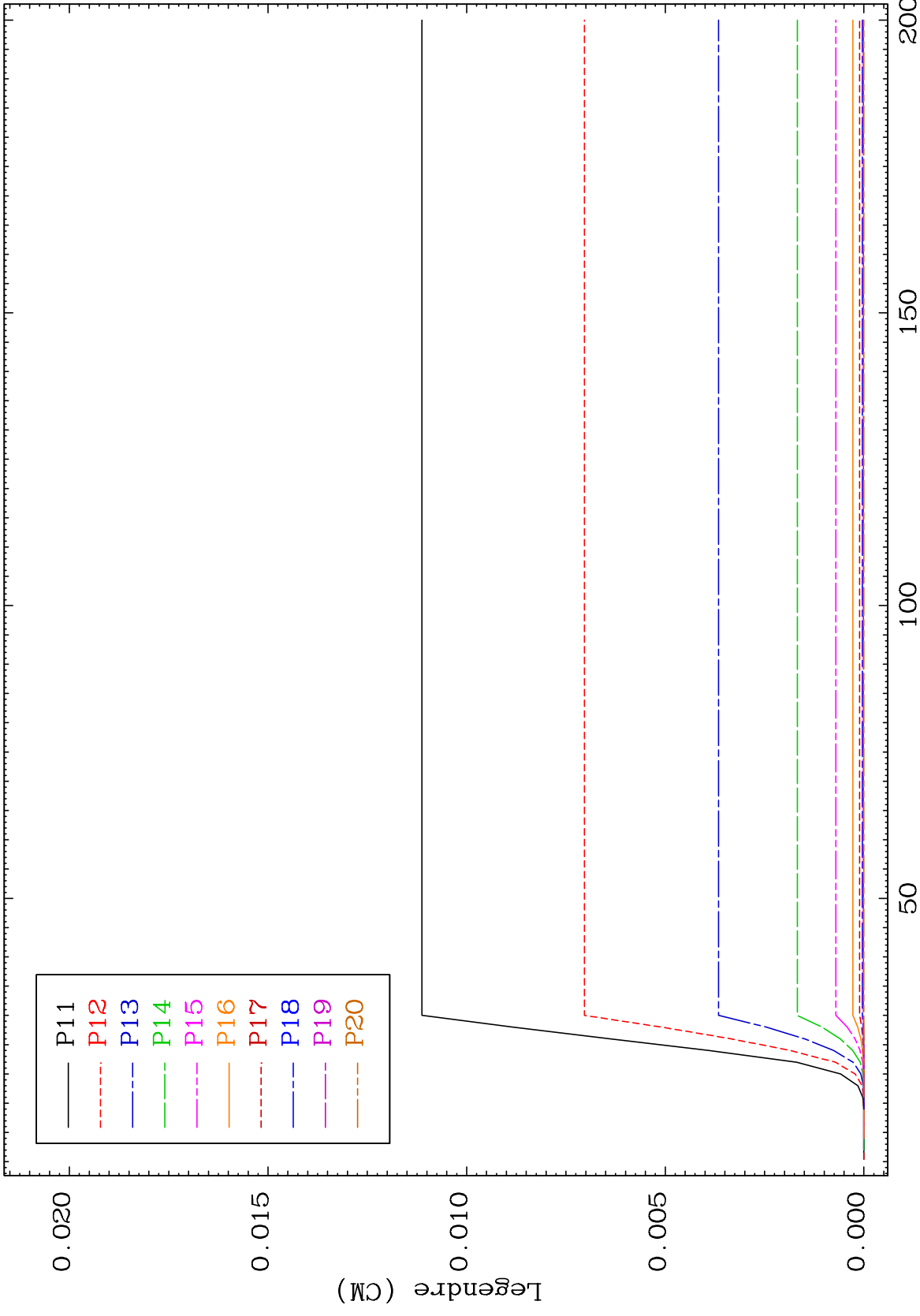


52 Incident Energy (MeV) 10-Ne-23

MAT 1034

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

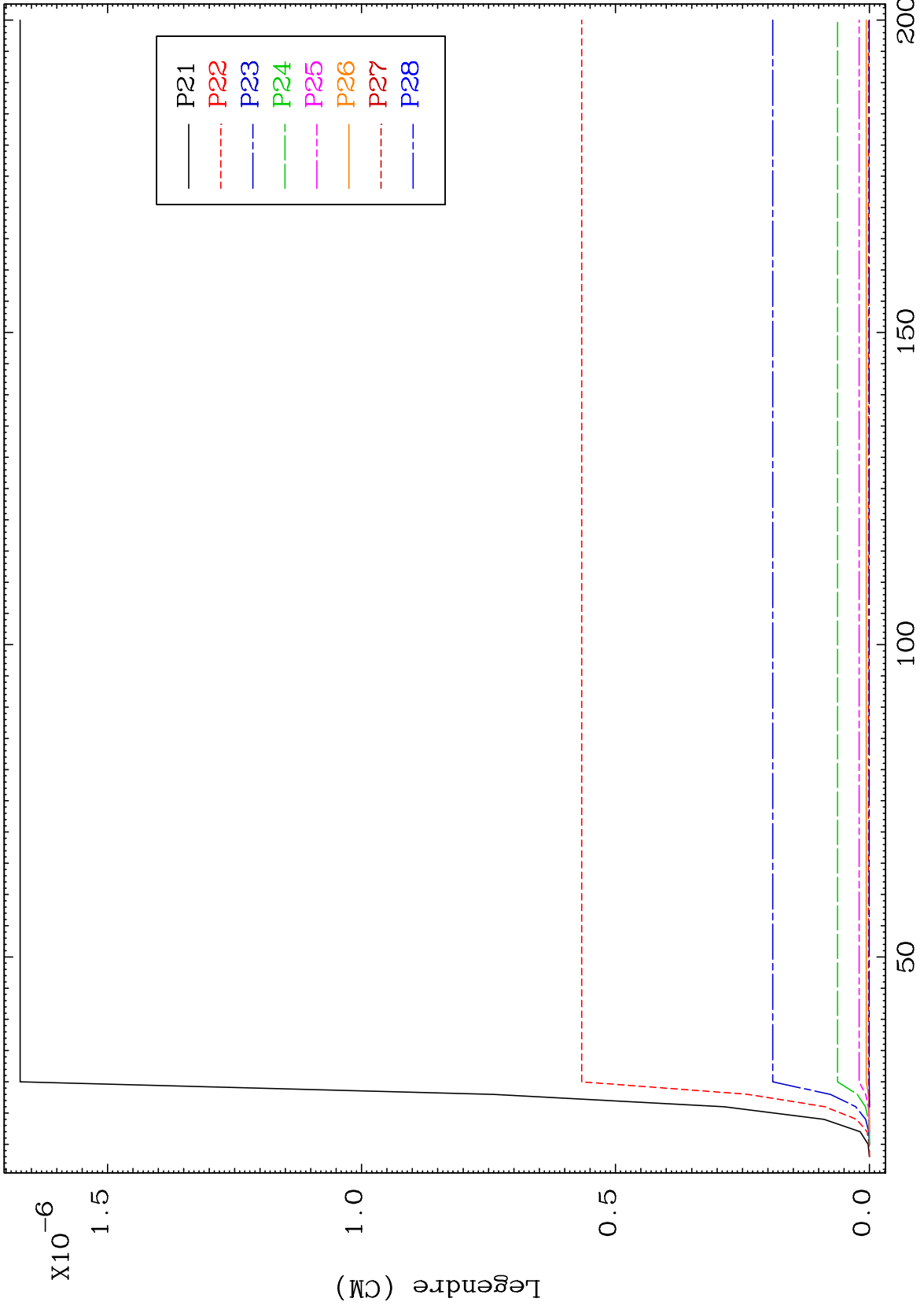
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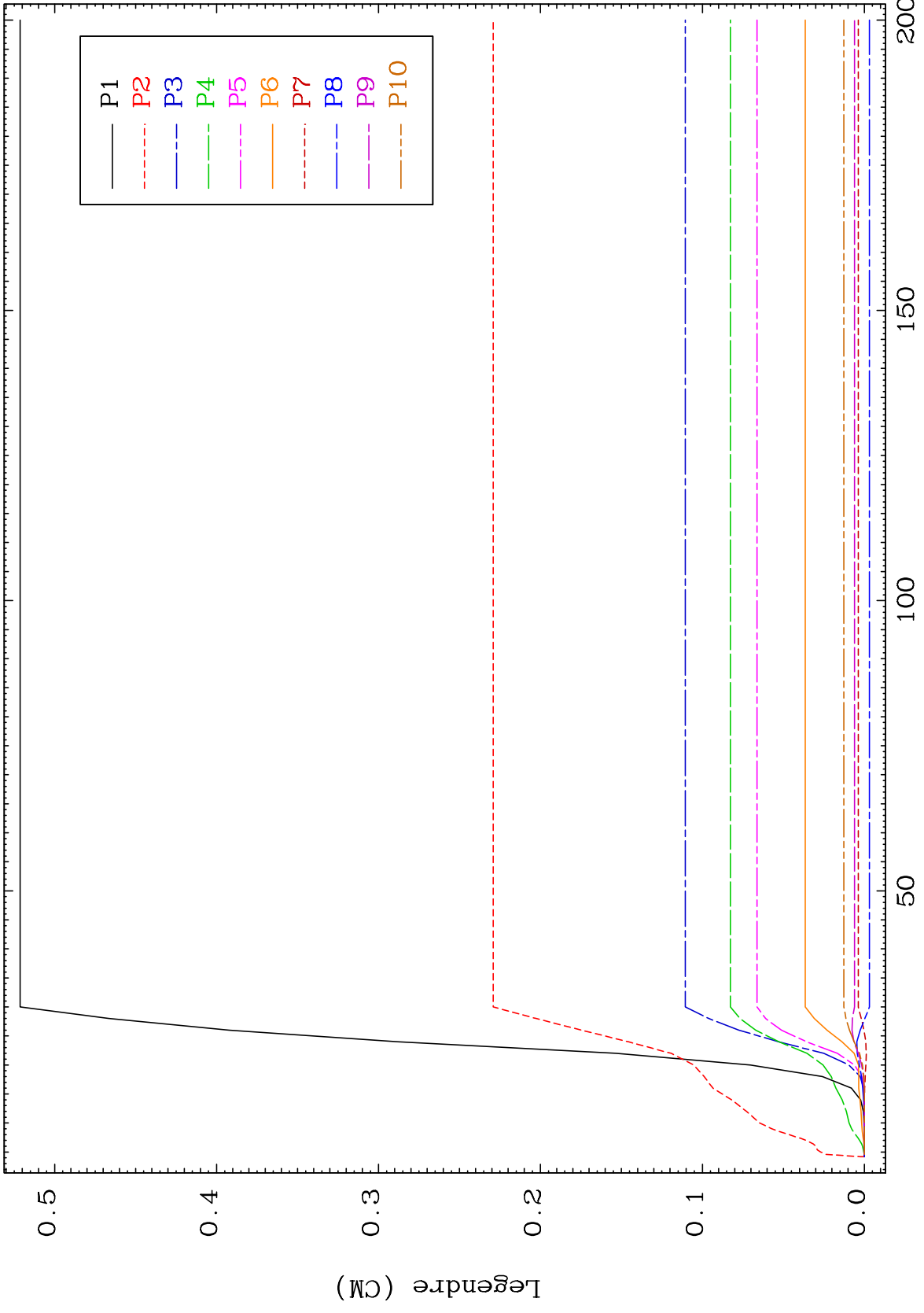
53

10-Ne-23

MAT 1034 MT= 62 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034 MT= 63 (n,n') Level Legendre Coefficients 10-Ne-23

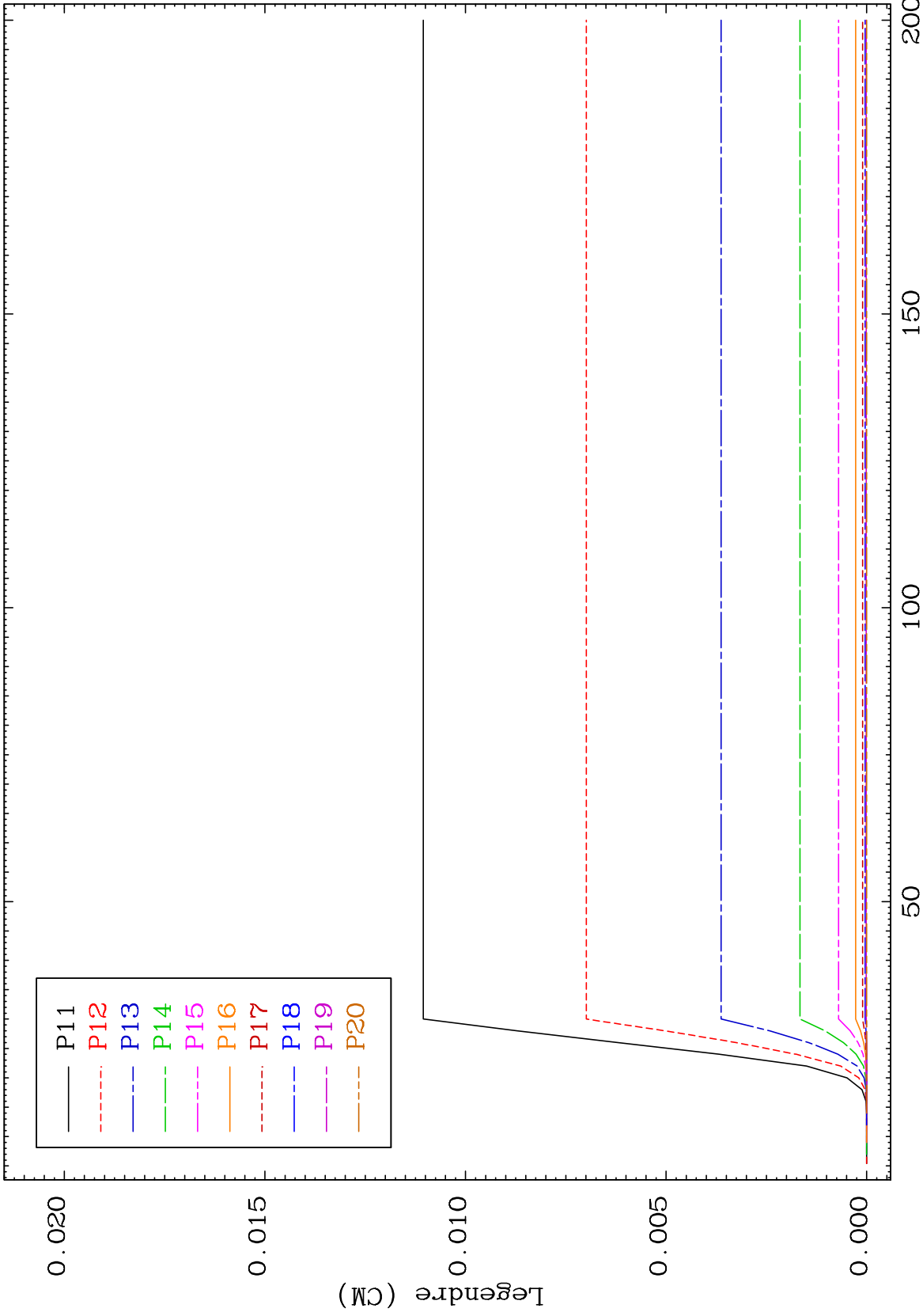


55 100 150 200 10-Ne-23

MAT 1034

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

10-Ne-23

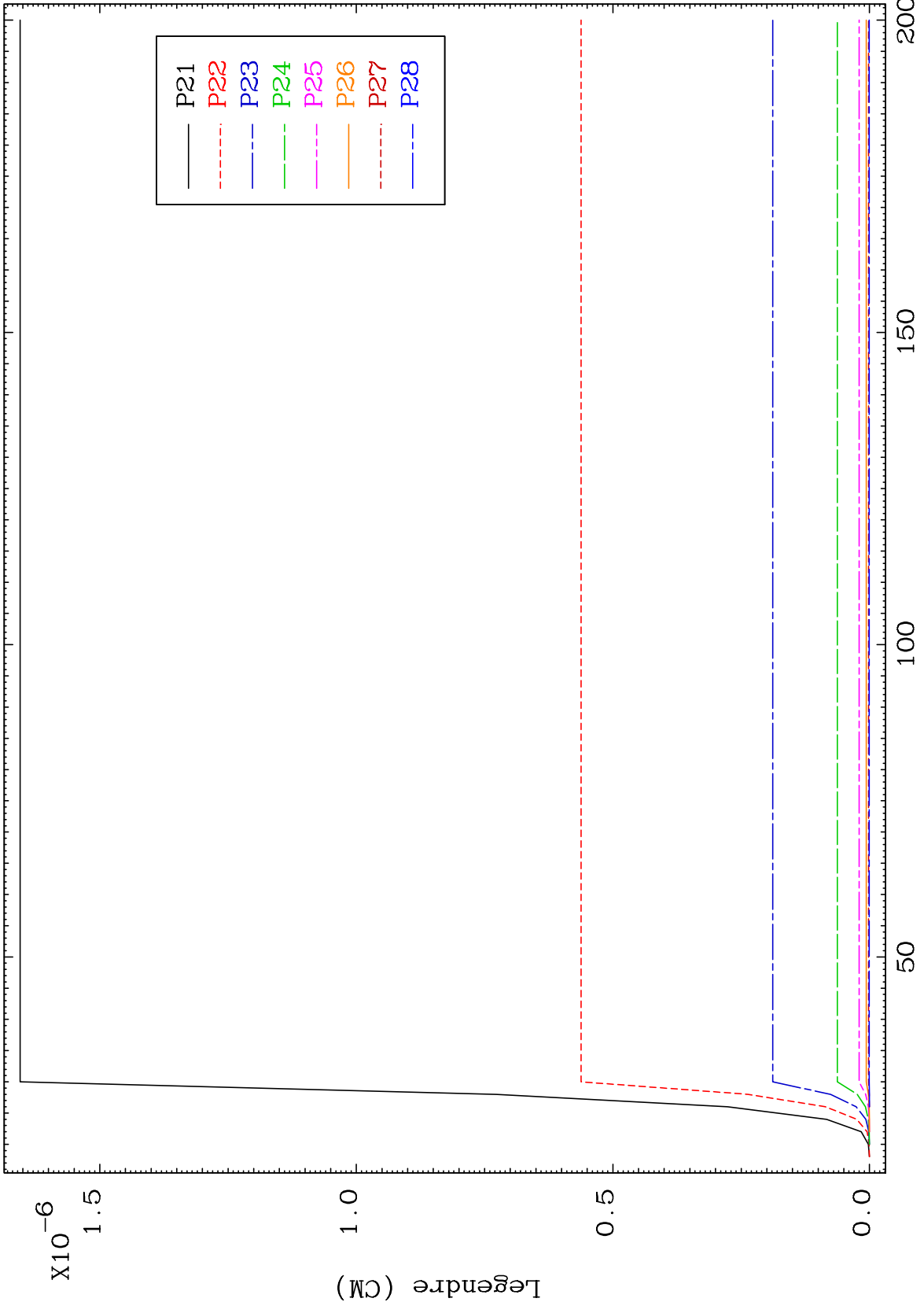


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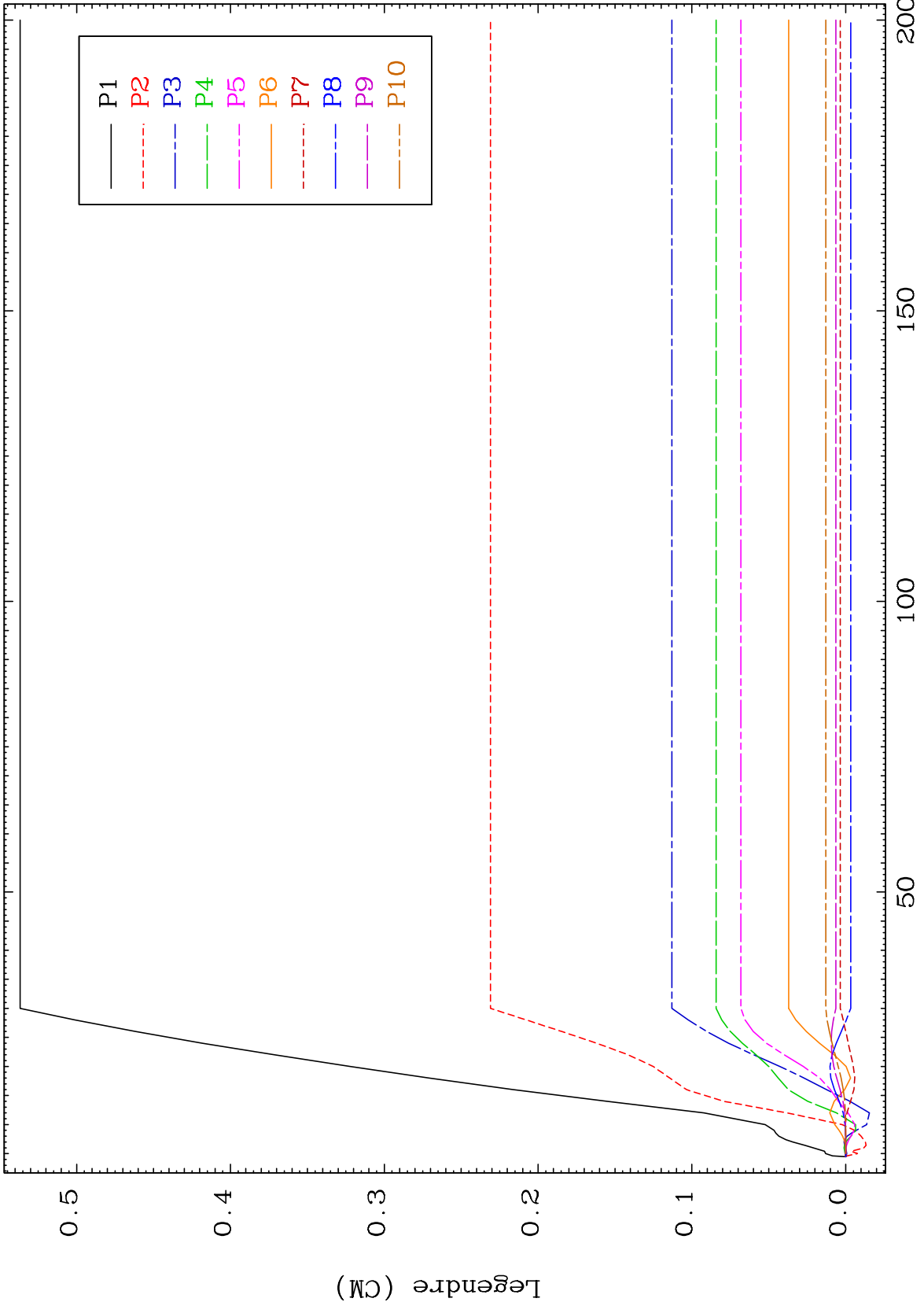
Incident Energy (MeV)

10-Ne-23

MAT 1034 MT= 63 (n,n') Level Legendre Coefficients 10-Ne-23



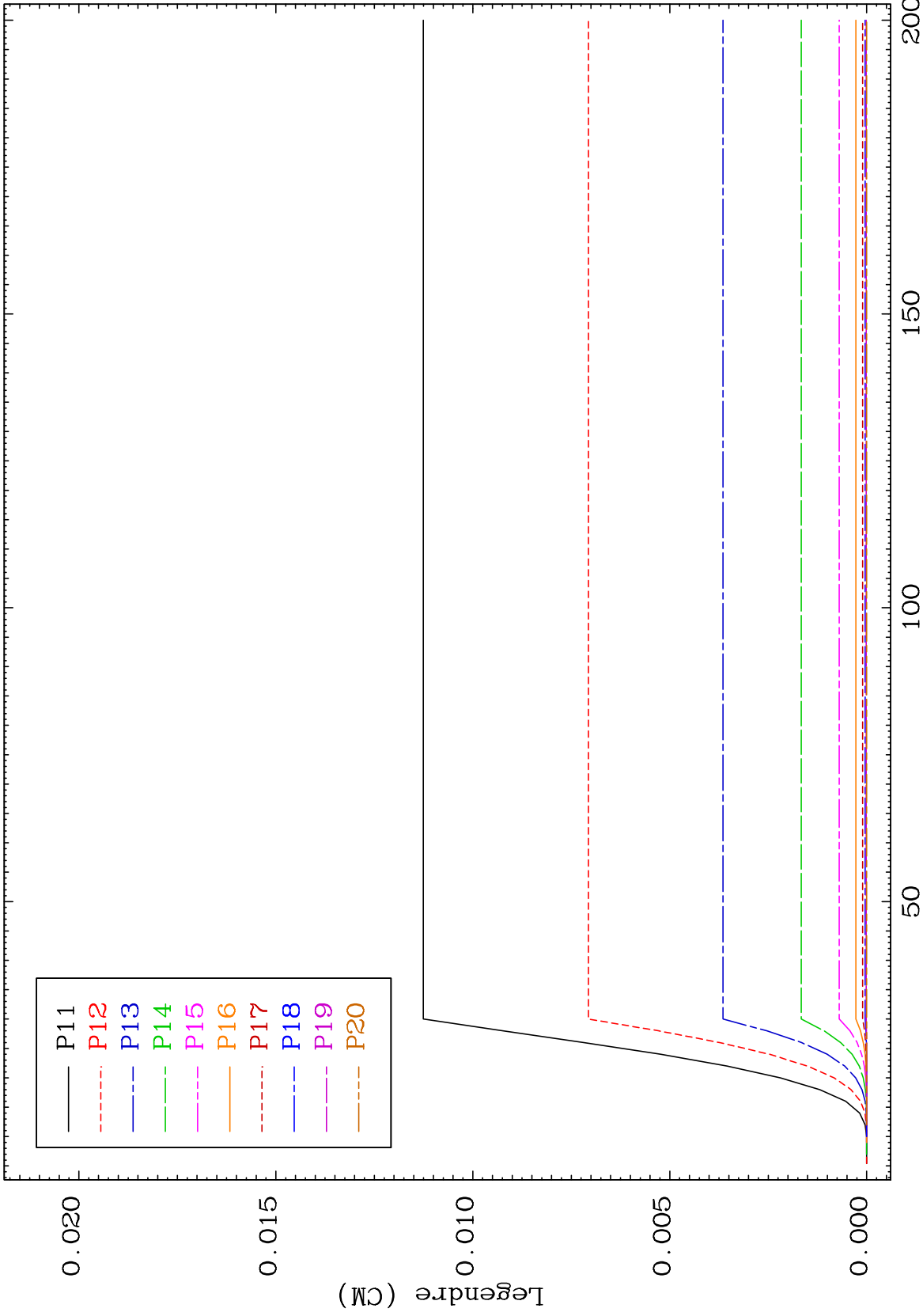
MAT 1034 MT= 64 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034

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

10-Ne-23

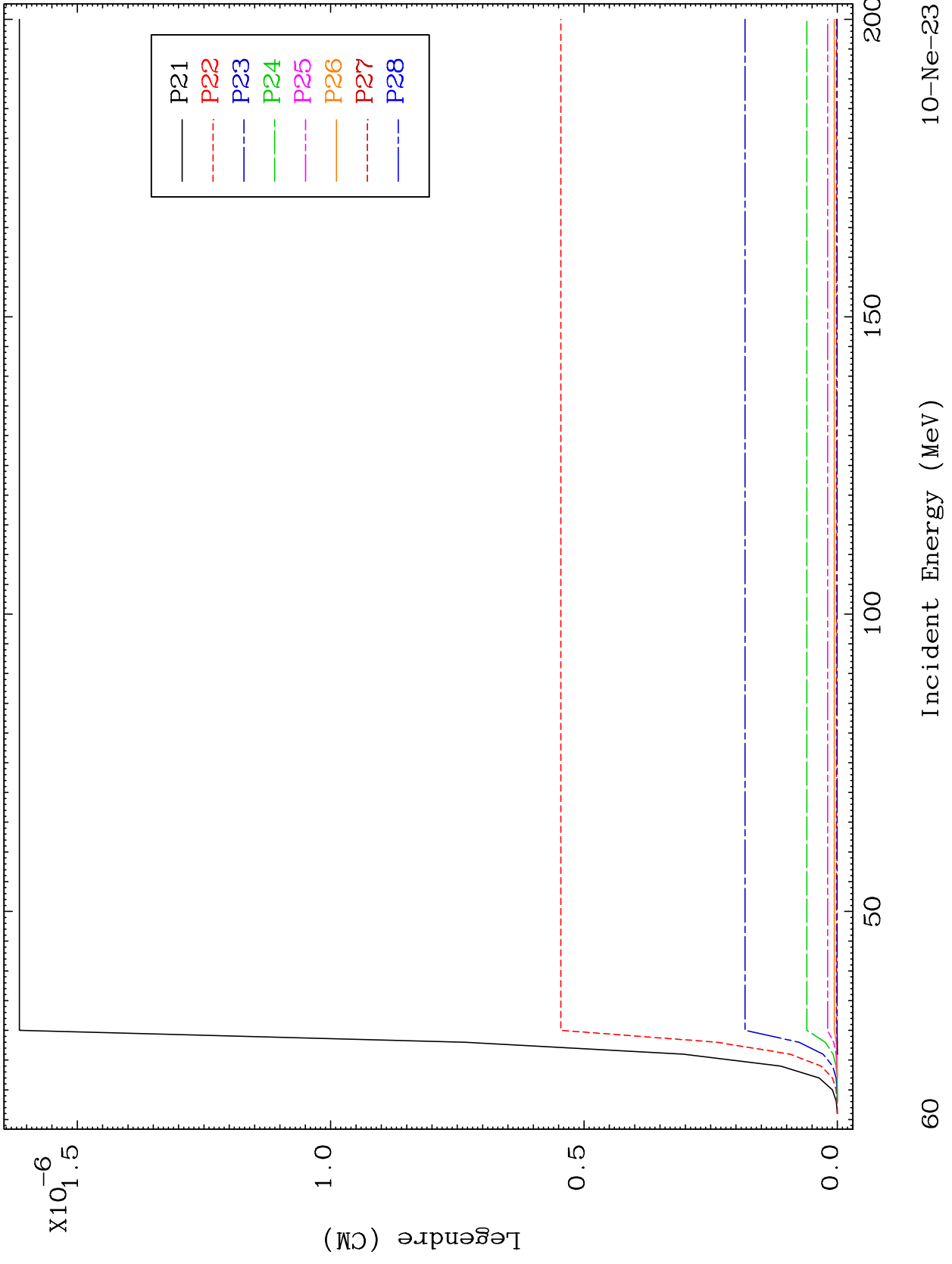


59

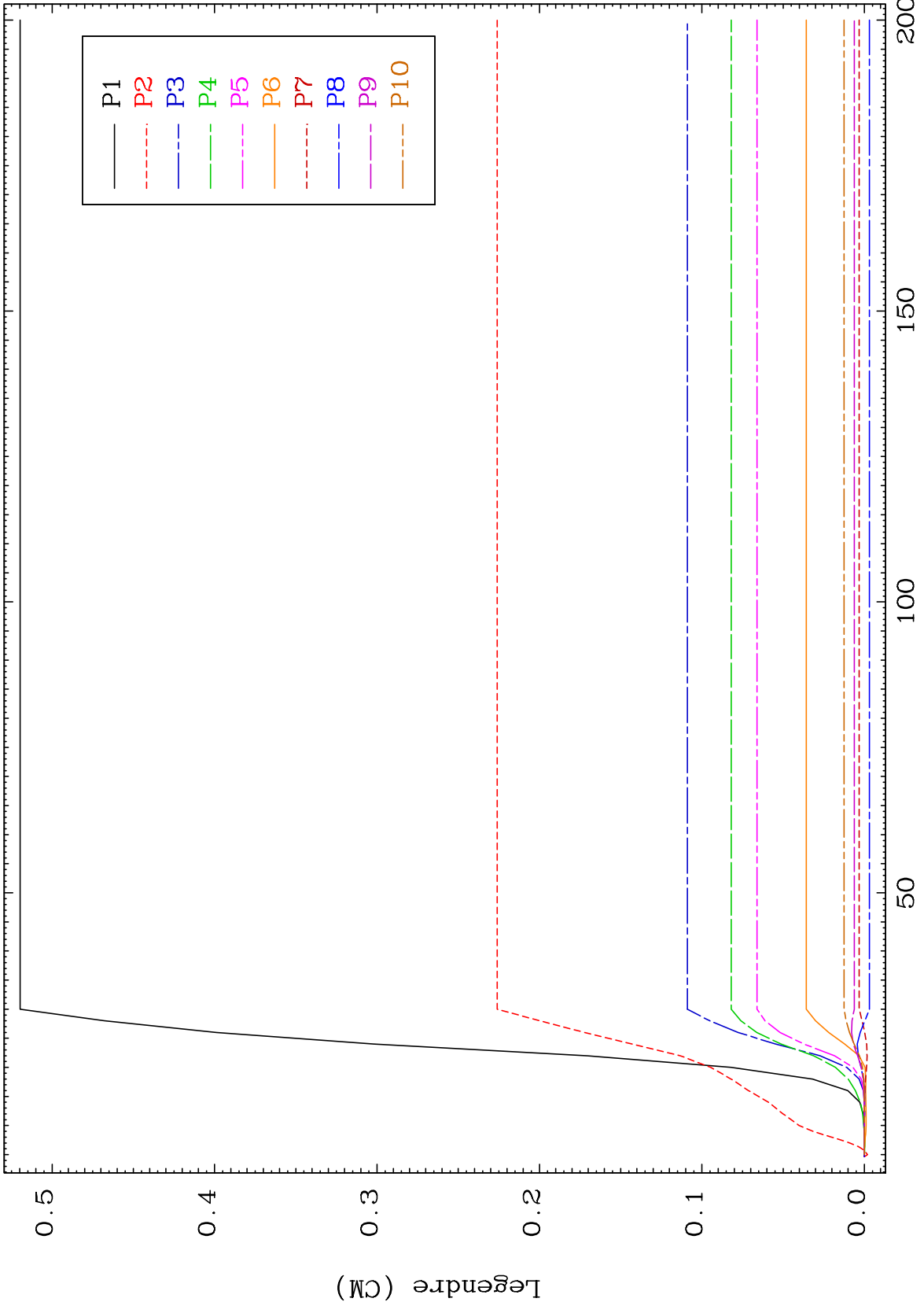
Incident Energy (MeV)

10-Ne-23

MAT 1034 MT= 64 (n,n') Level Legendre Coefficients 10-Ne-23



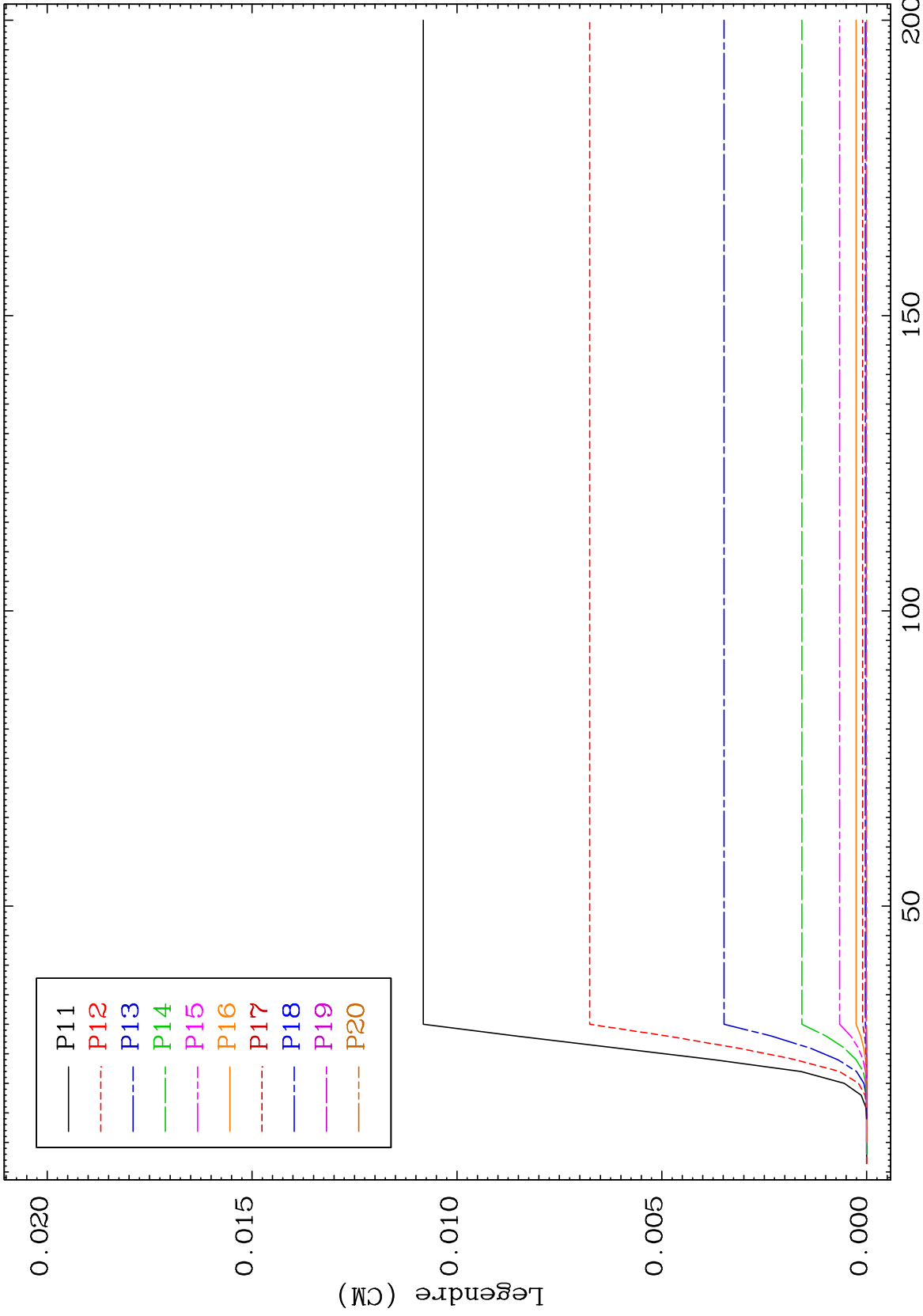
MAT 1034 MT= 65 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034

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

10-Ne-23

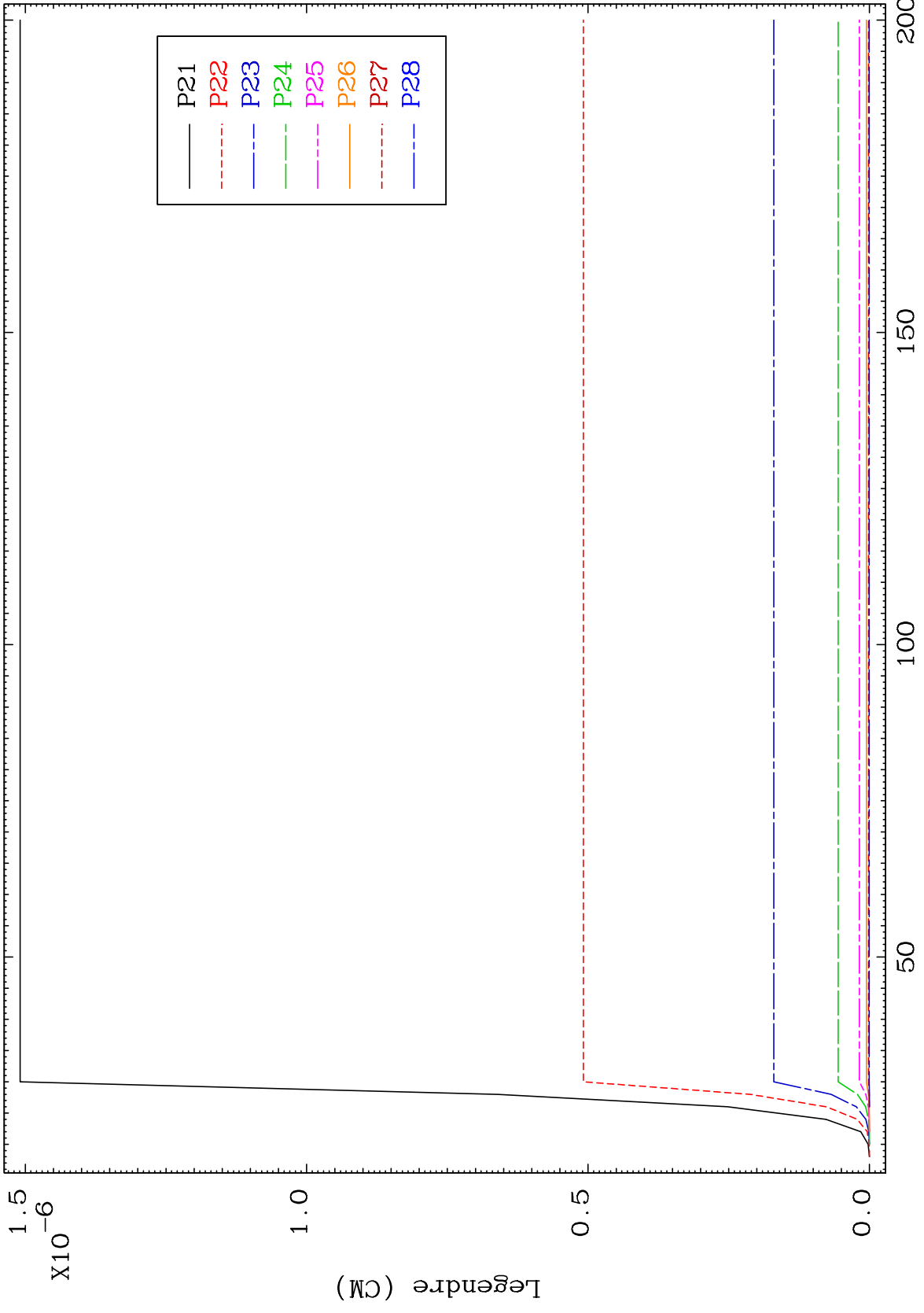


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Incident Energy (MeV)

10-Ne-23

MAT 1034 MT= 65 (n,n') Level Legendre Coefficients 10-Ne-23

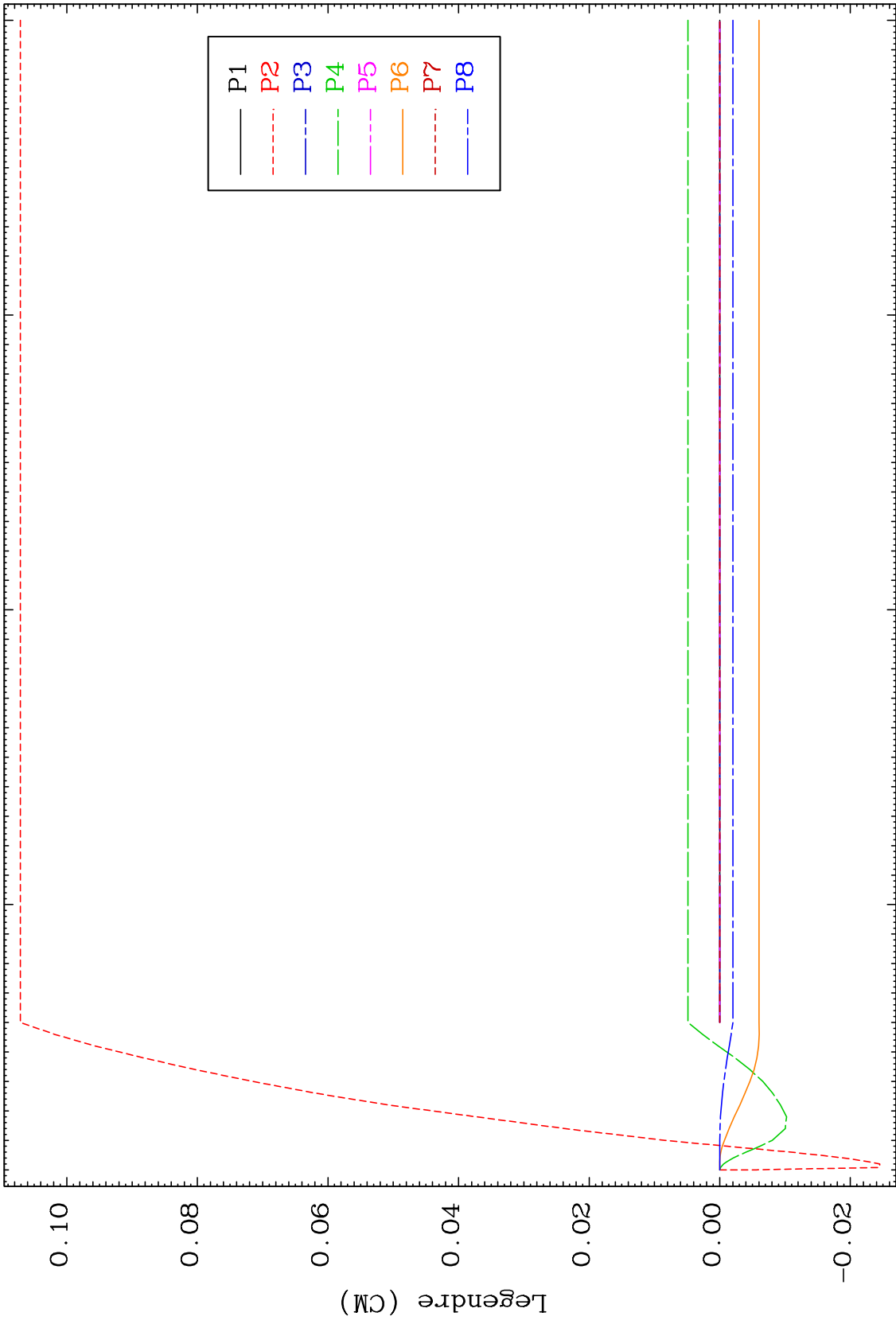


63

Incident Energy (MeV)

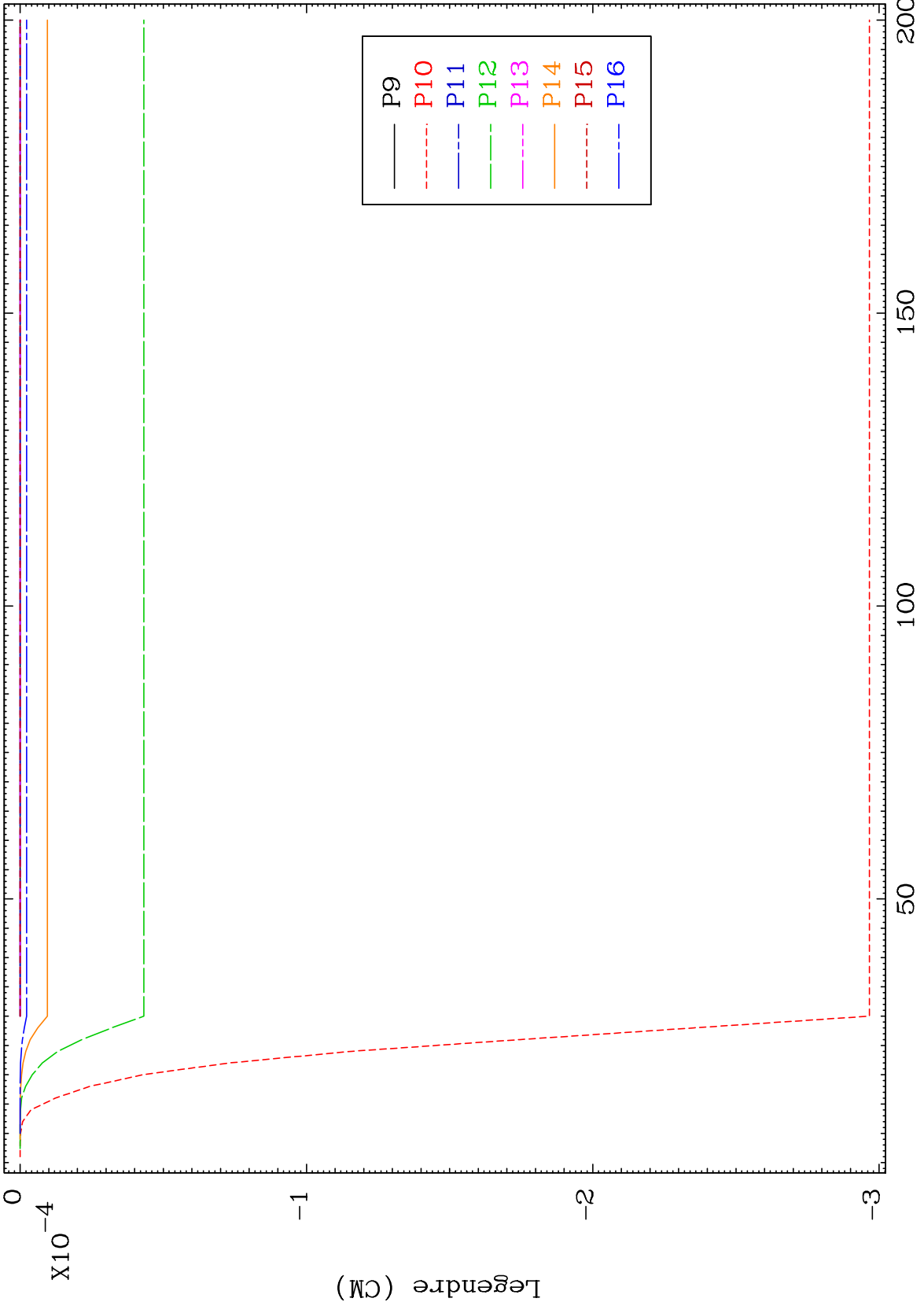
10-Ne-23

MAT 1034 MT= 66 (n,n') Level Legendre Coefficients 10-Ne-23



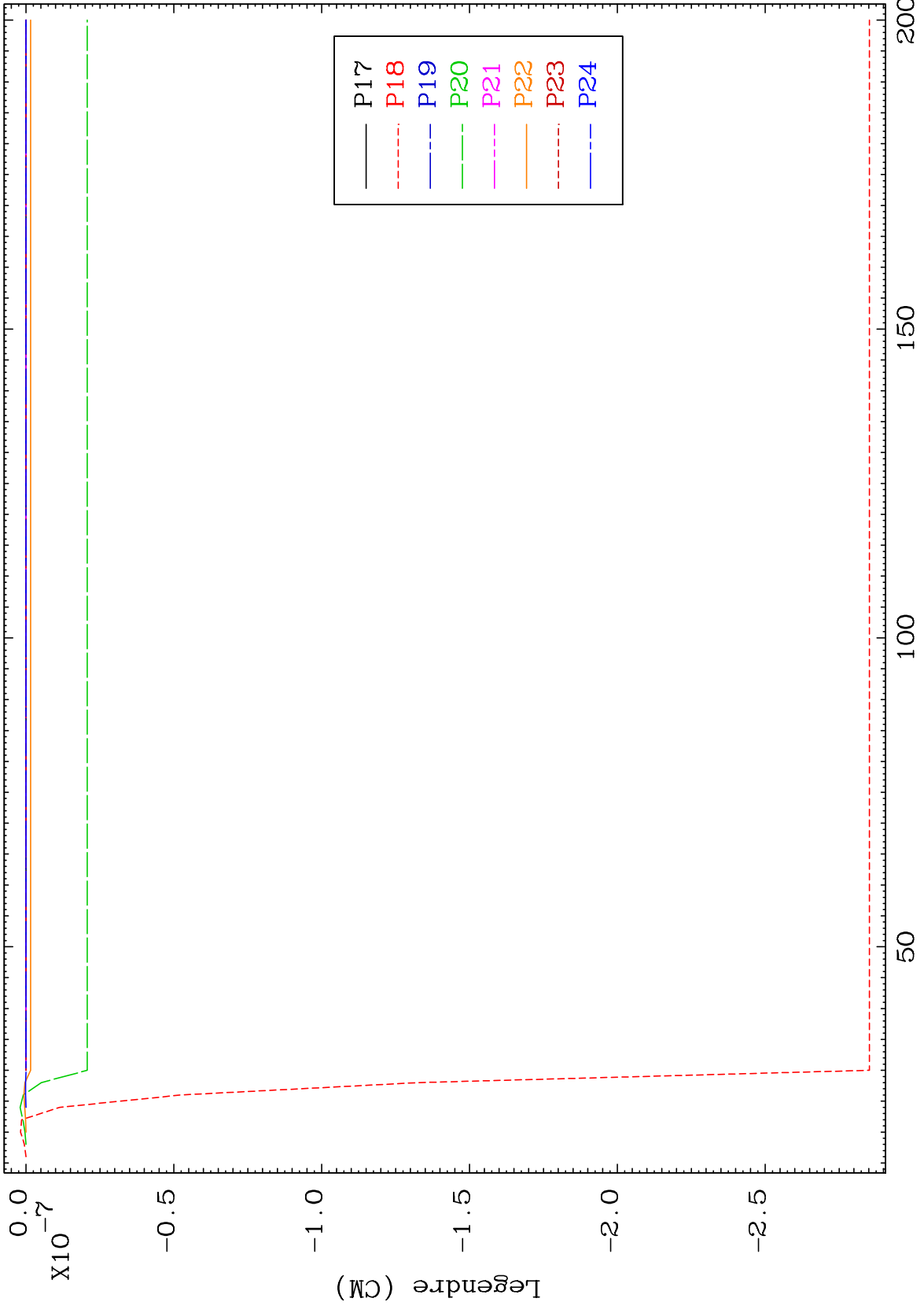
64 Incident Energy (MeV) 10-Ne-23

MAT 1034 MT= 66 (n,n') Level Legendre Coefficients 10-Ne-23



65 Incident Energy (MeV) 10-Ne-23

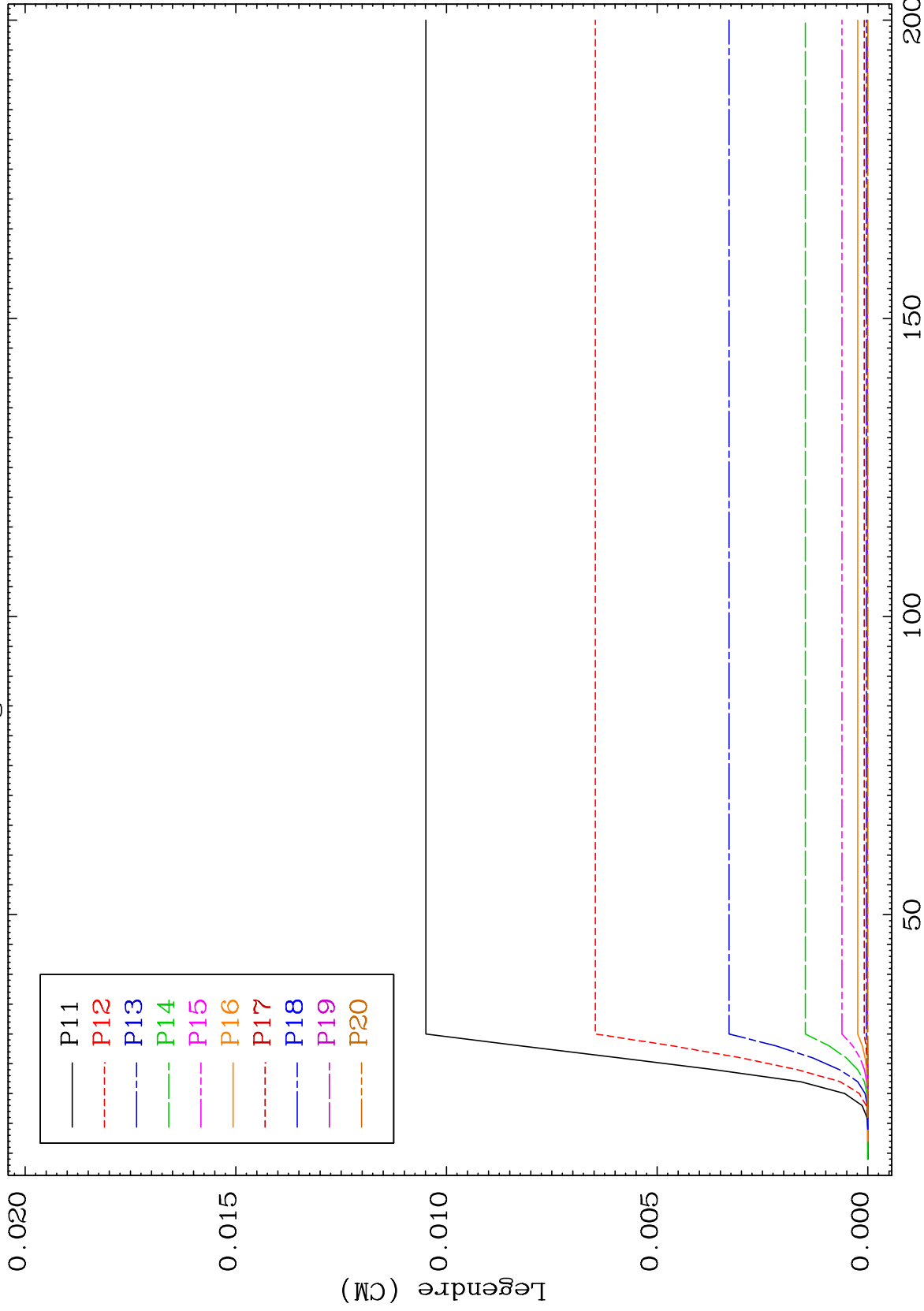
MAT 1034 MT= 66 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034

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

10-Ne-23

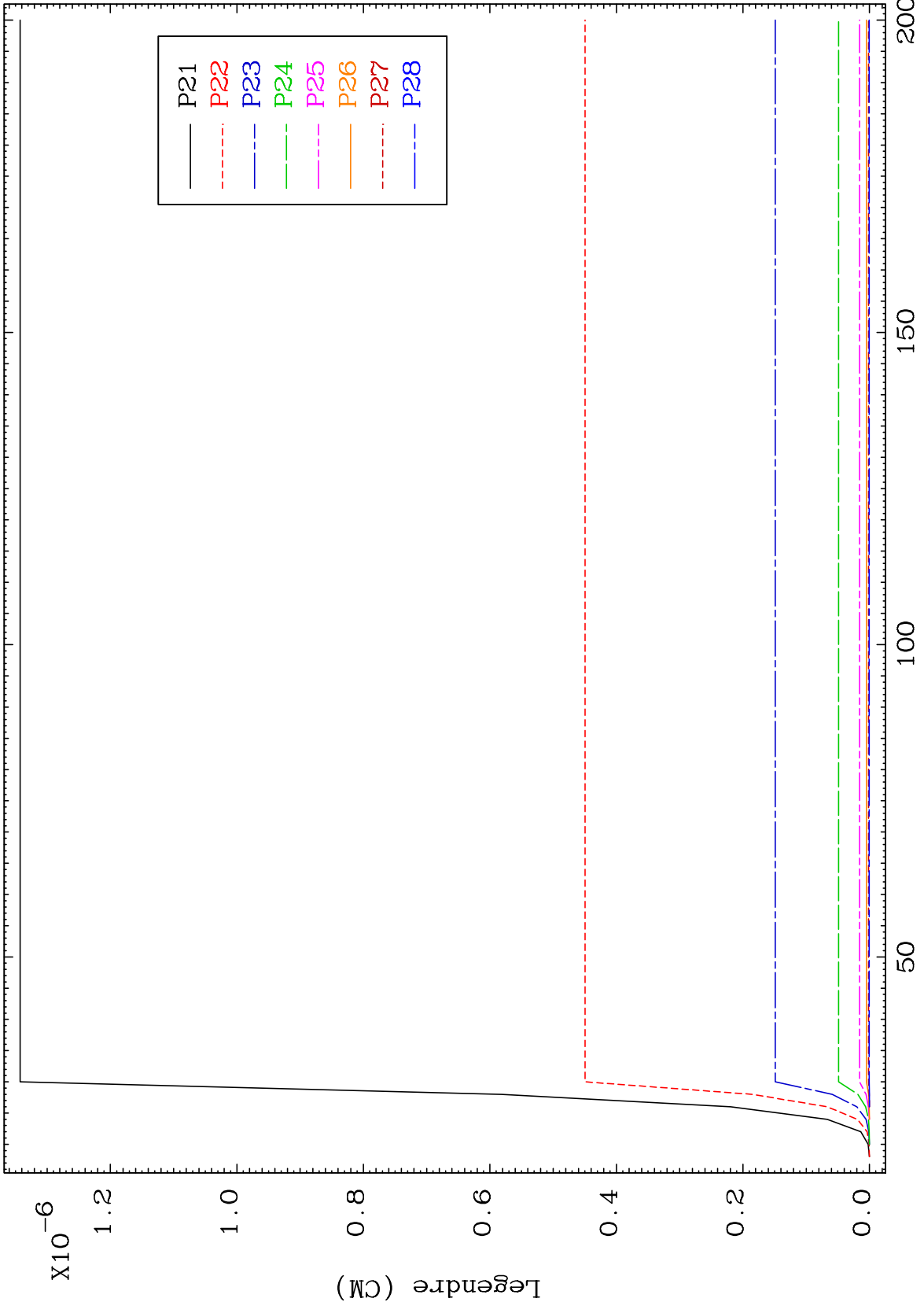


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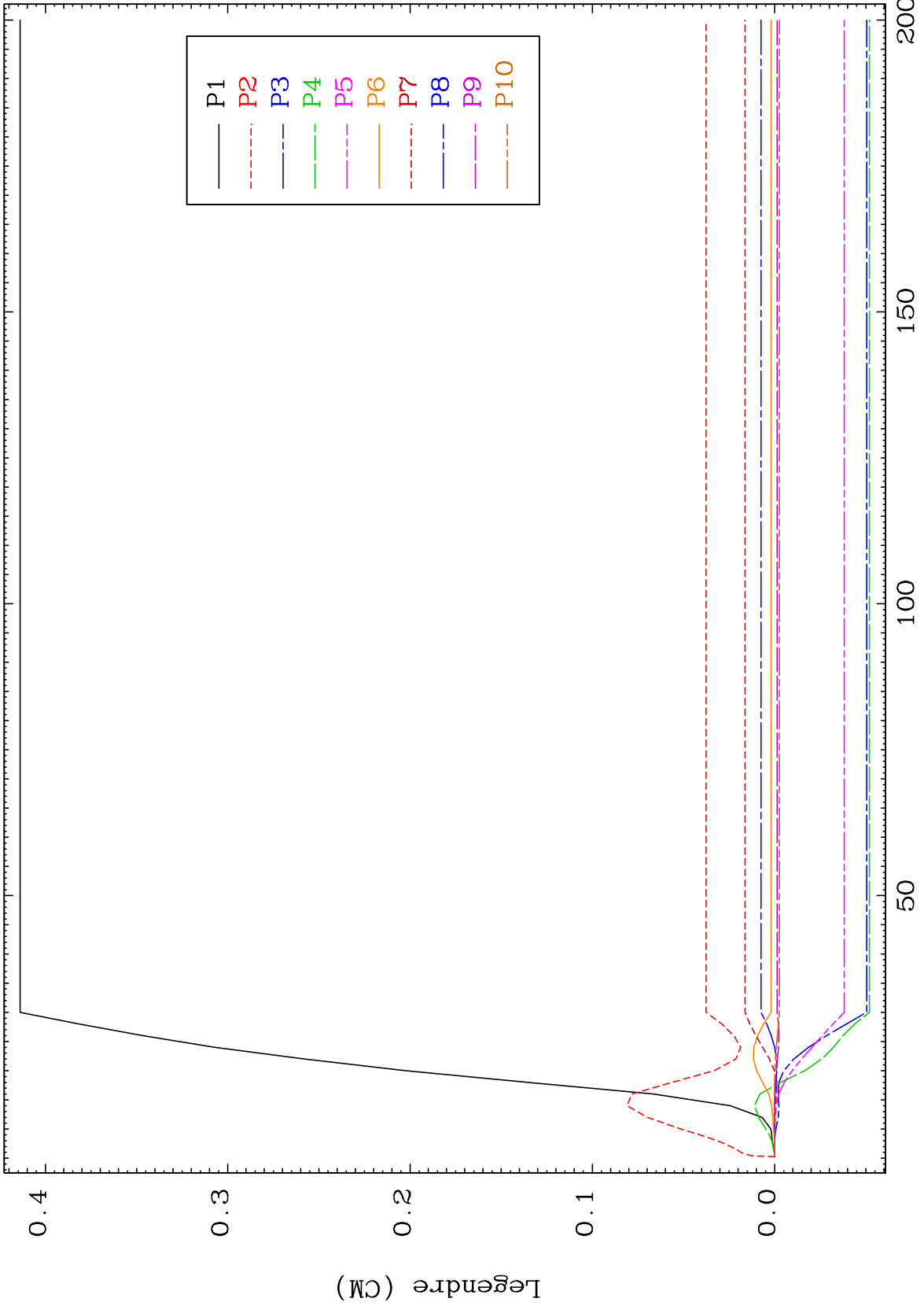
Incident Energy (MeV)

10-Ne-23

MAT 1034 MT= 67 (n,n') Level Legendre Coefficients 10-Ne-23

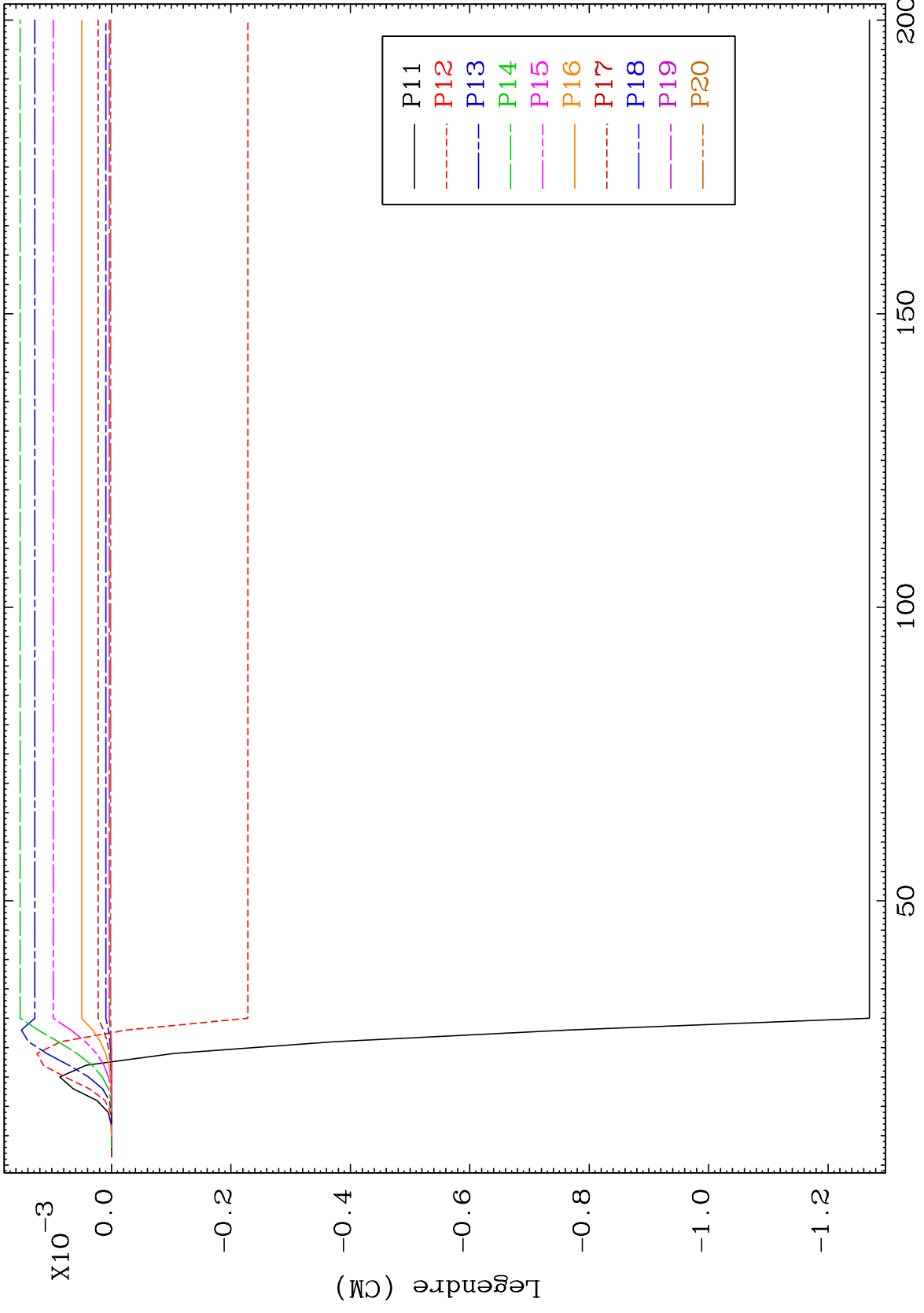


MAT 1034 MT= 68 (n,n') Level Legendre Coefficients 10-Ne-23

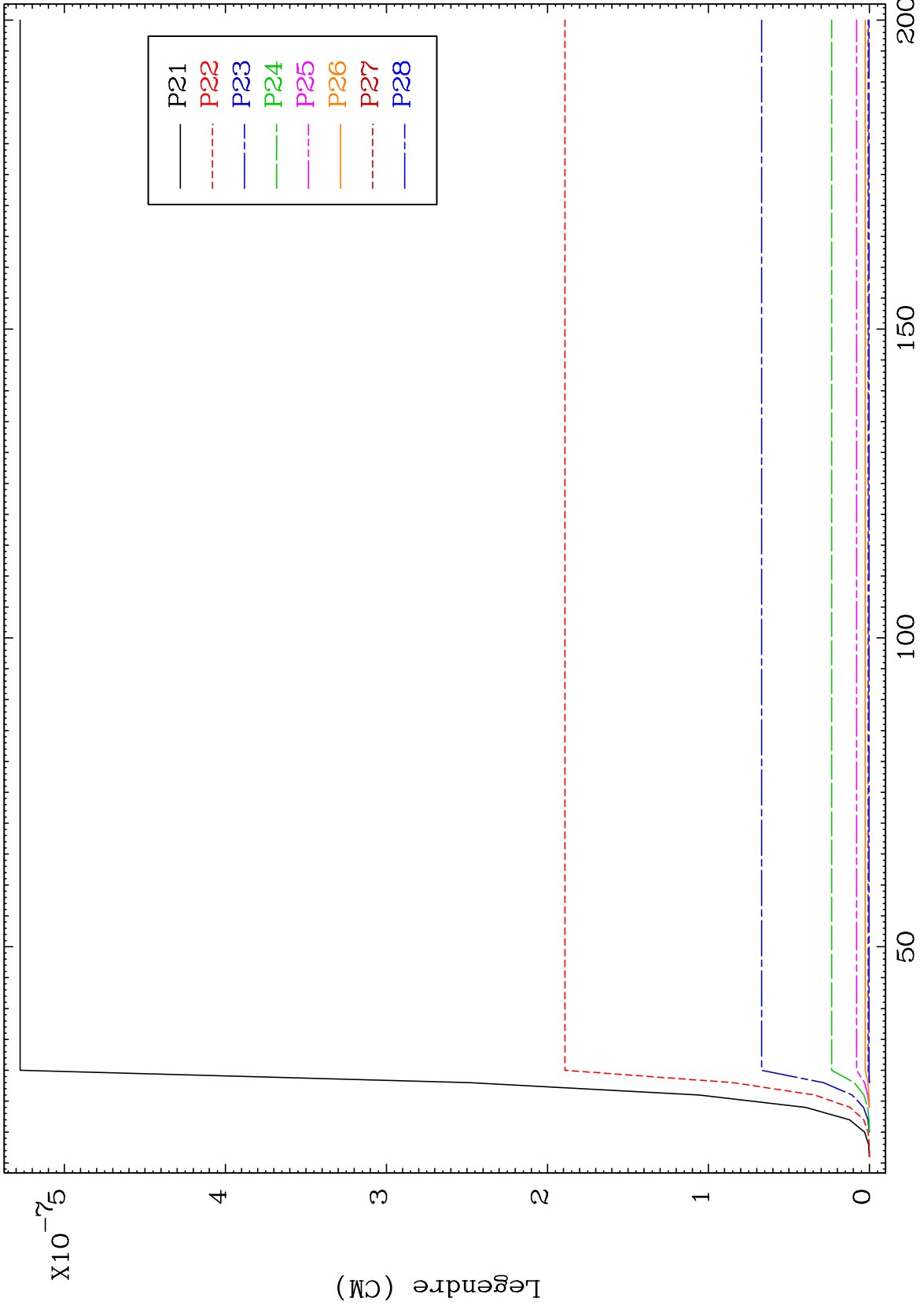


70 10-Ne-23 150 200

MAT 1034 MT= 68 (n,n') Level Legendre Coefficients 10-Ne-23

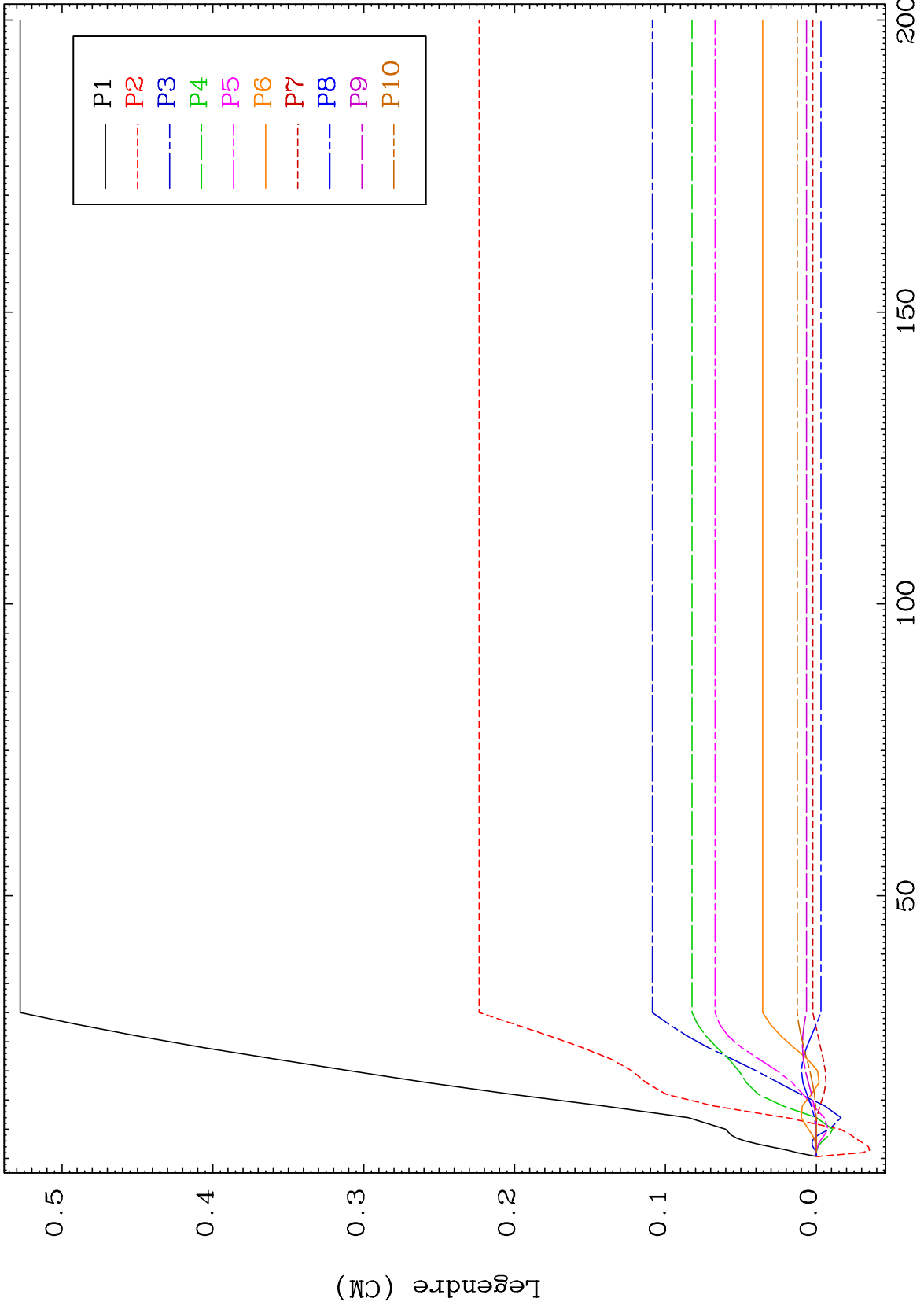


MAT 1034 MT= 68 (n,n') Level Legendre Coefficients 10-Ne-23



72 10-Ne-23

MAT 1034 MT= 69 (n,n') Level Legendre Coefficients 10-Ne-23

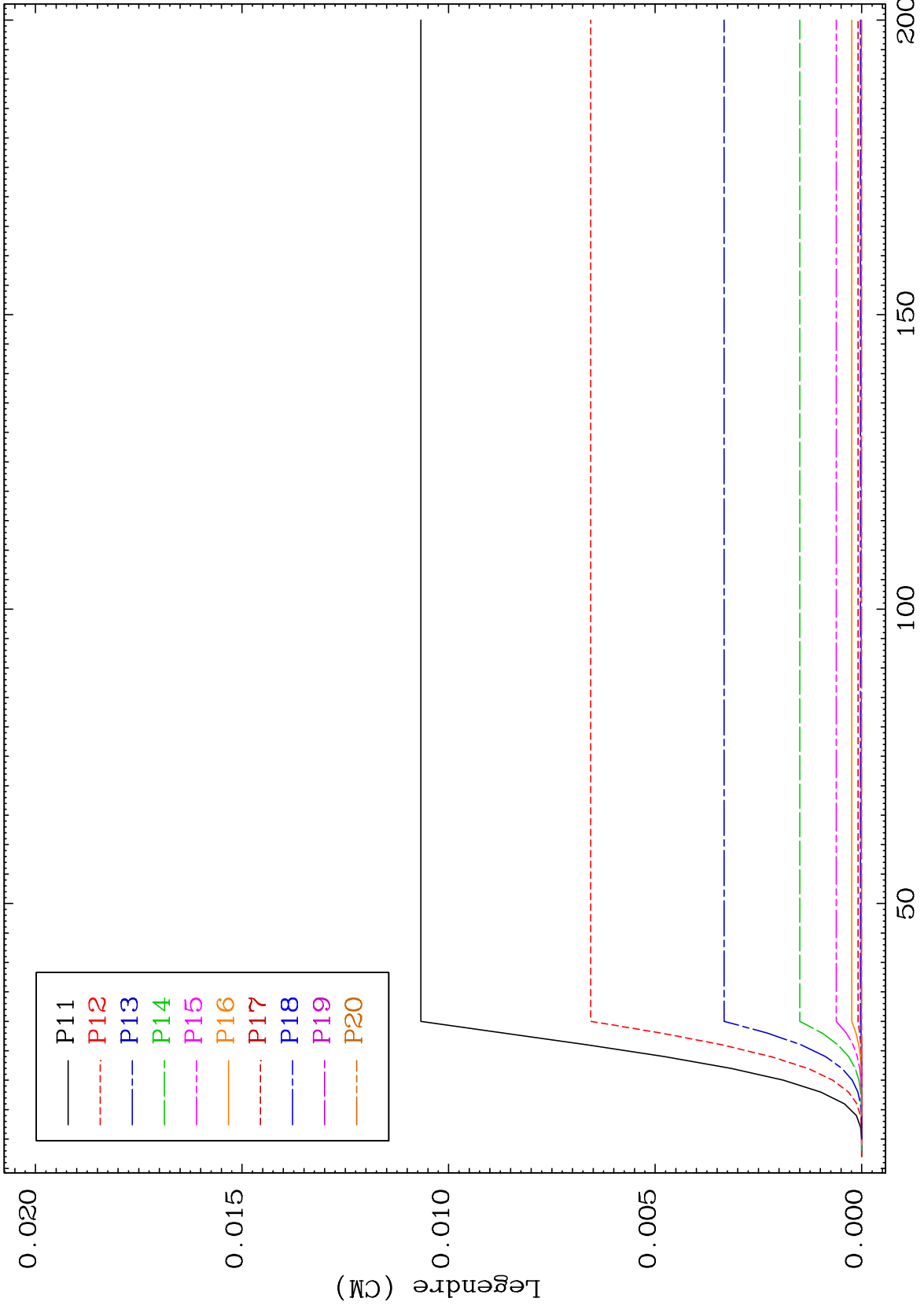


73 Incident Energy (MeV) 10-Ne-23

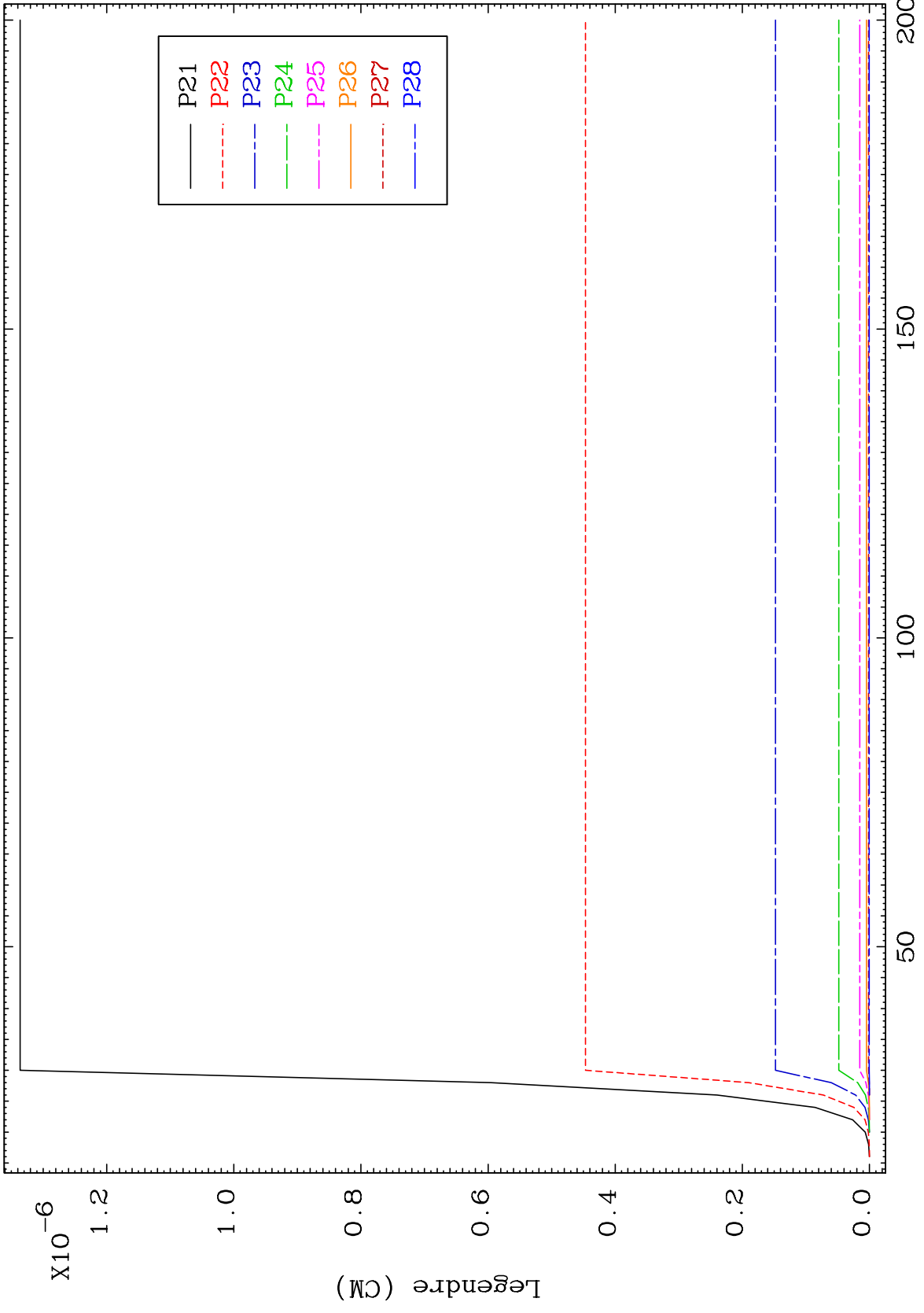
MAT 1034

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

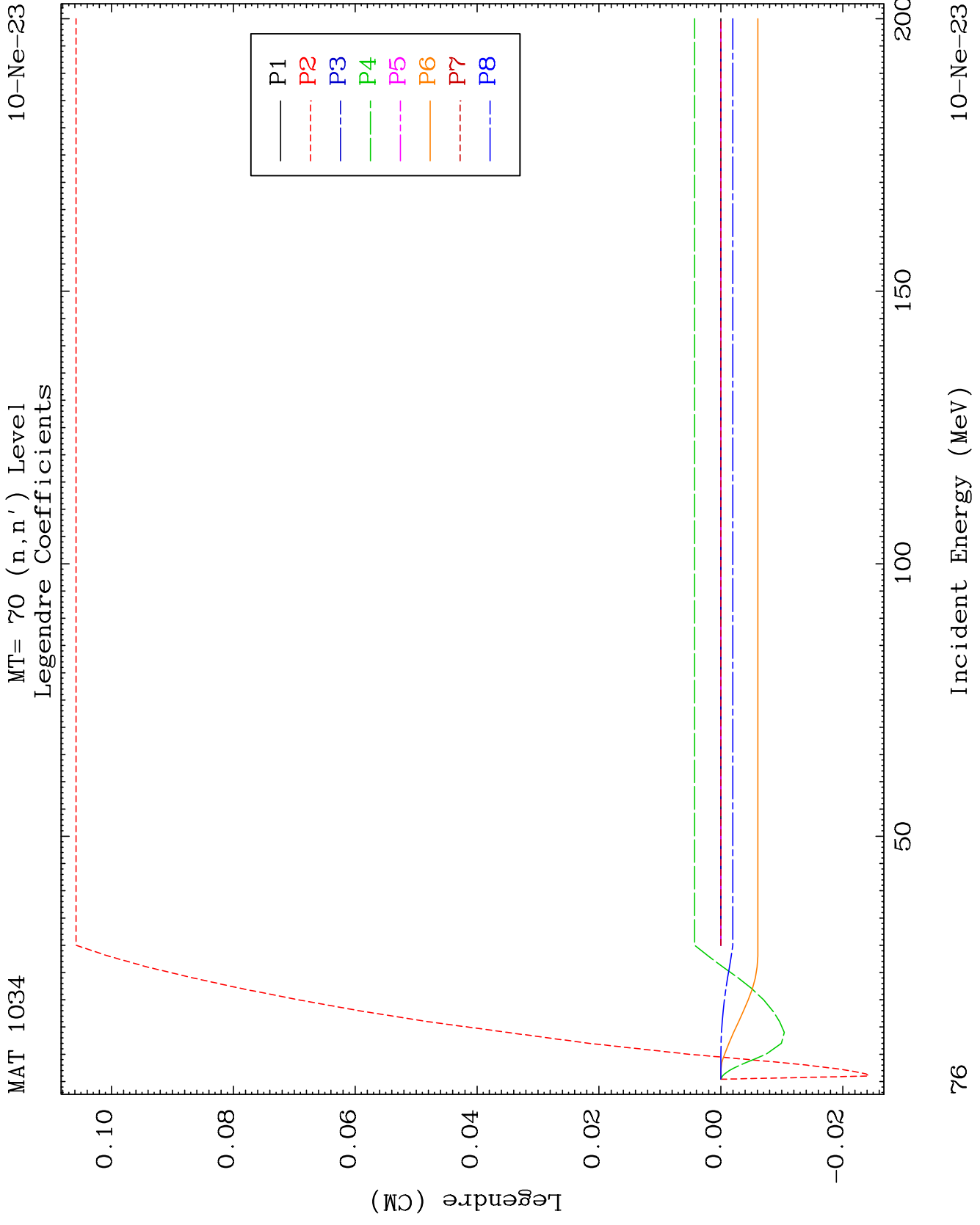
10-Ne-23



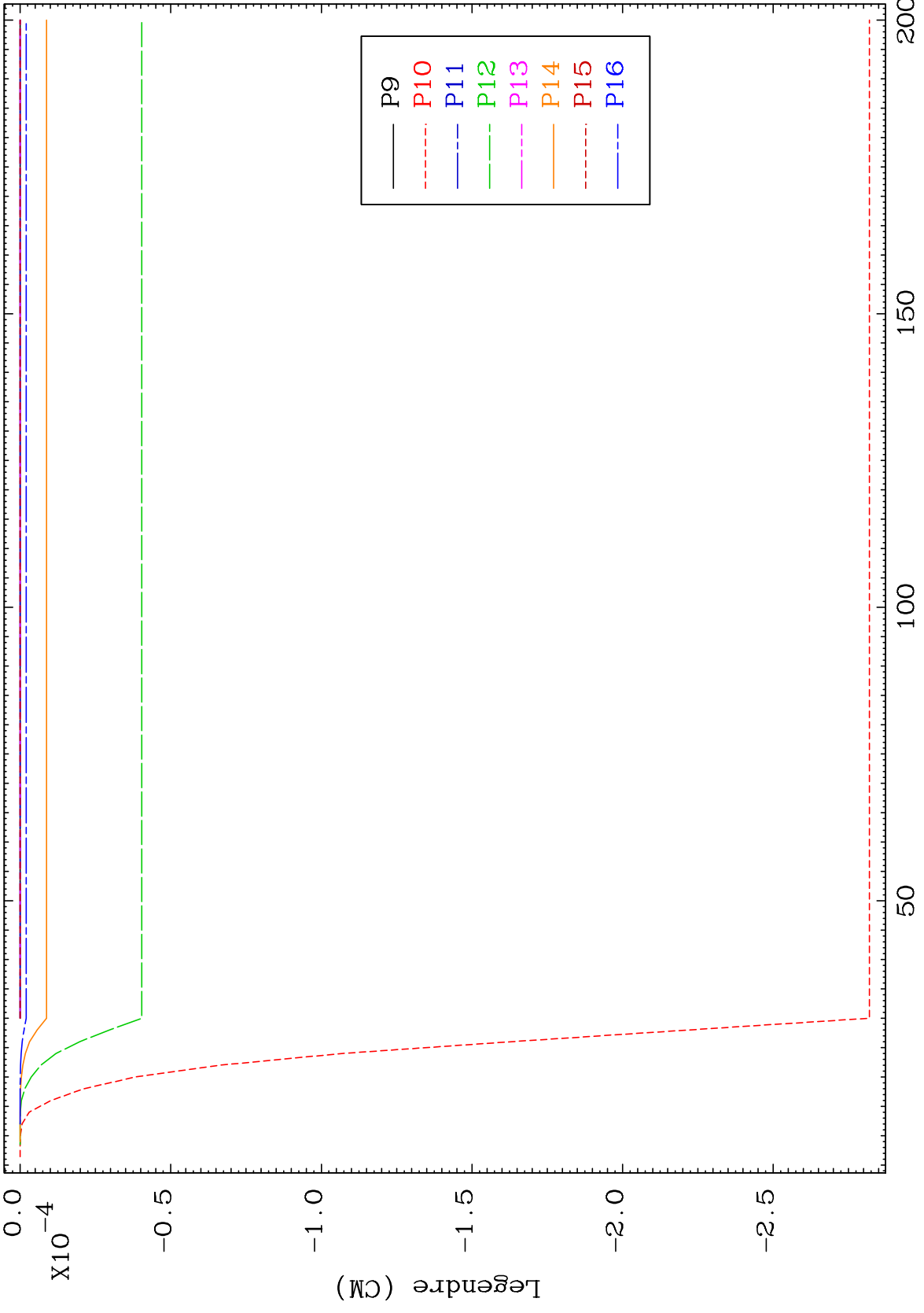
MAT 1034 MT= 69 (n,n') Level Legendre Coefficients 10-Ne-23



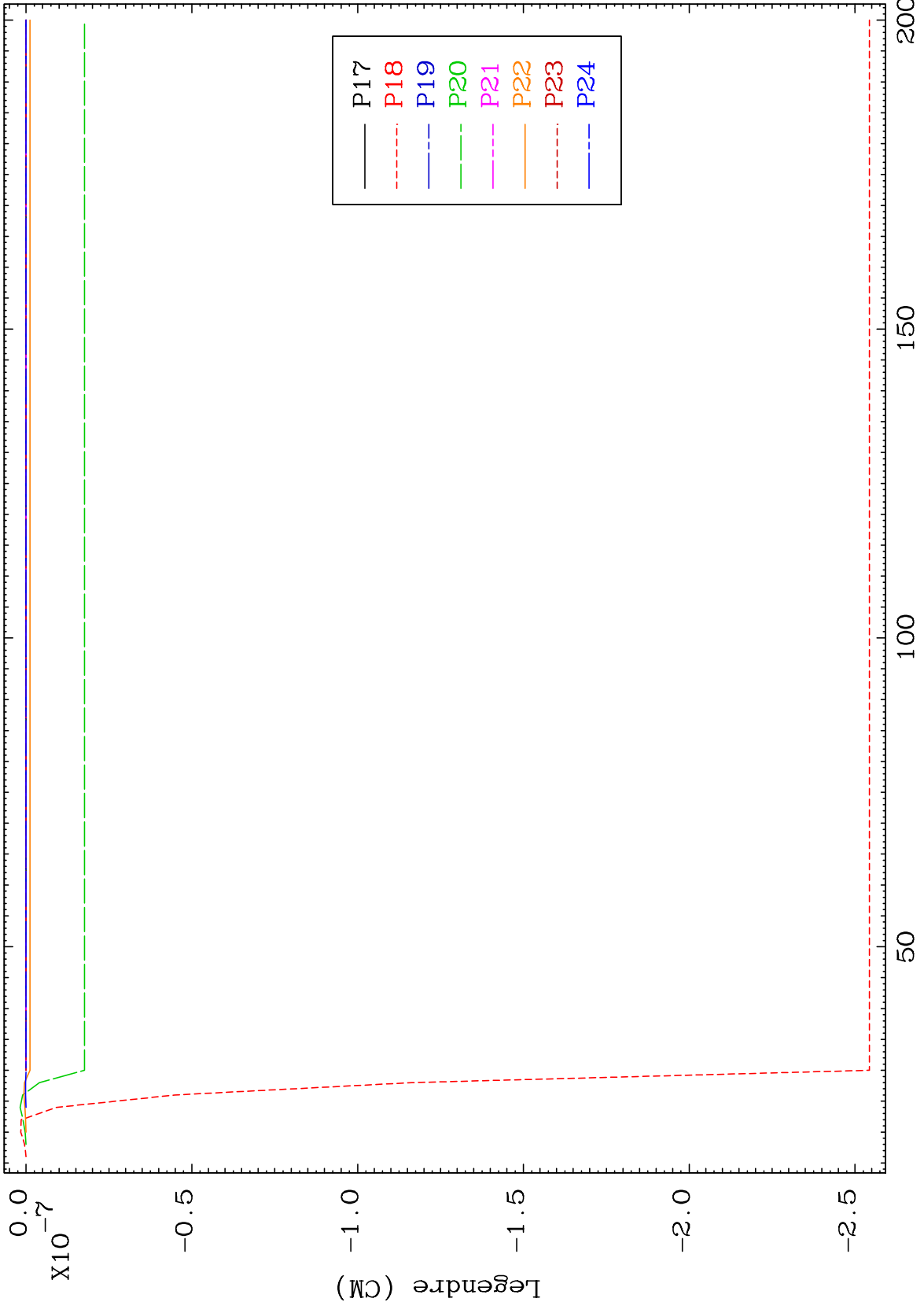
75 150 200 10-Ne-23



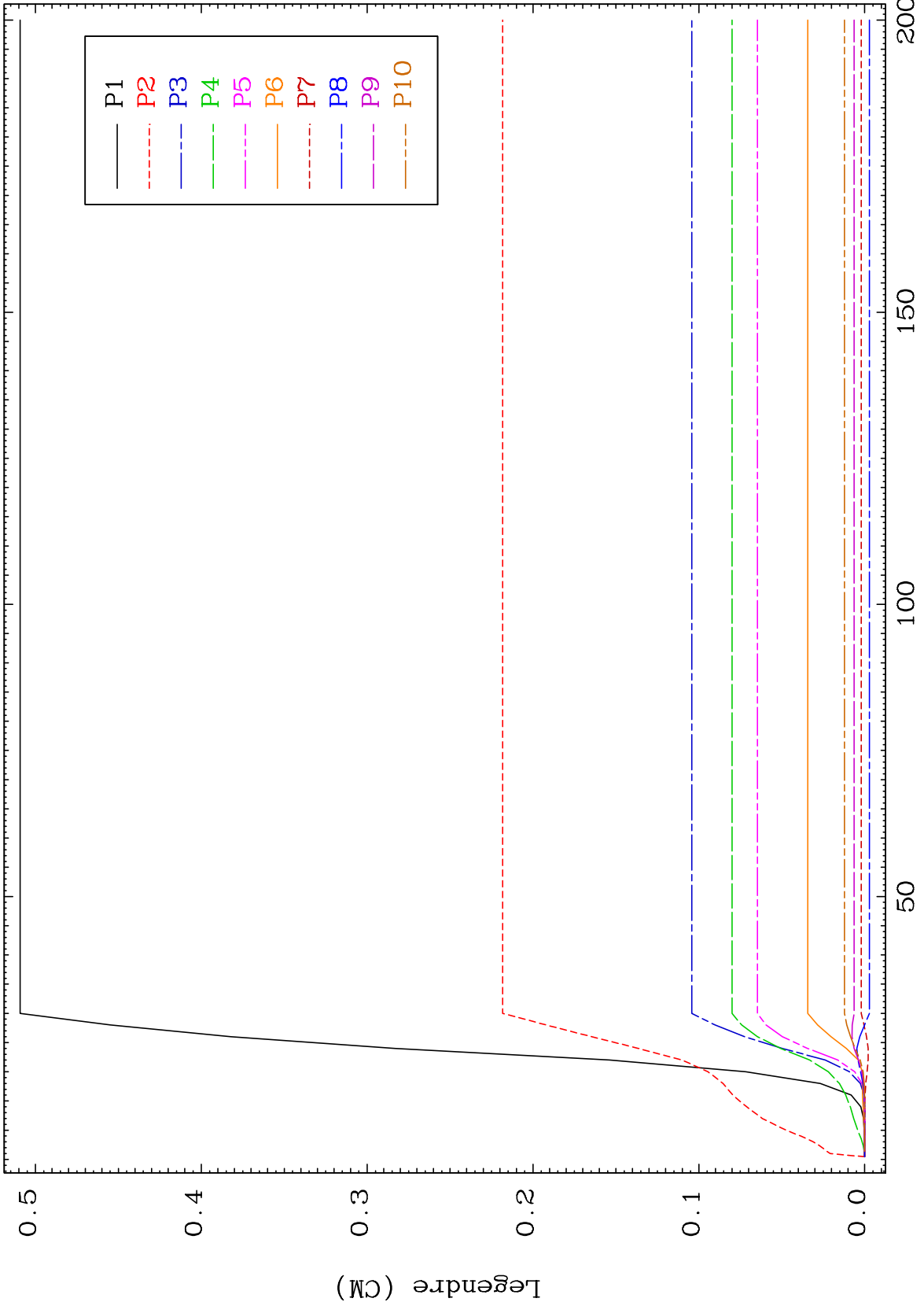
MAT 1034 MT= 70 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034 MT= 70 (n,n') Level Legendre Coefficients 10-Ne-23



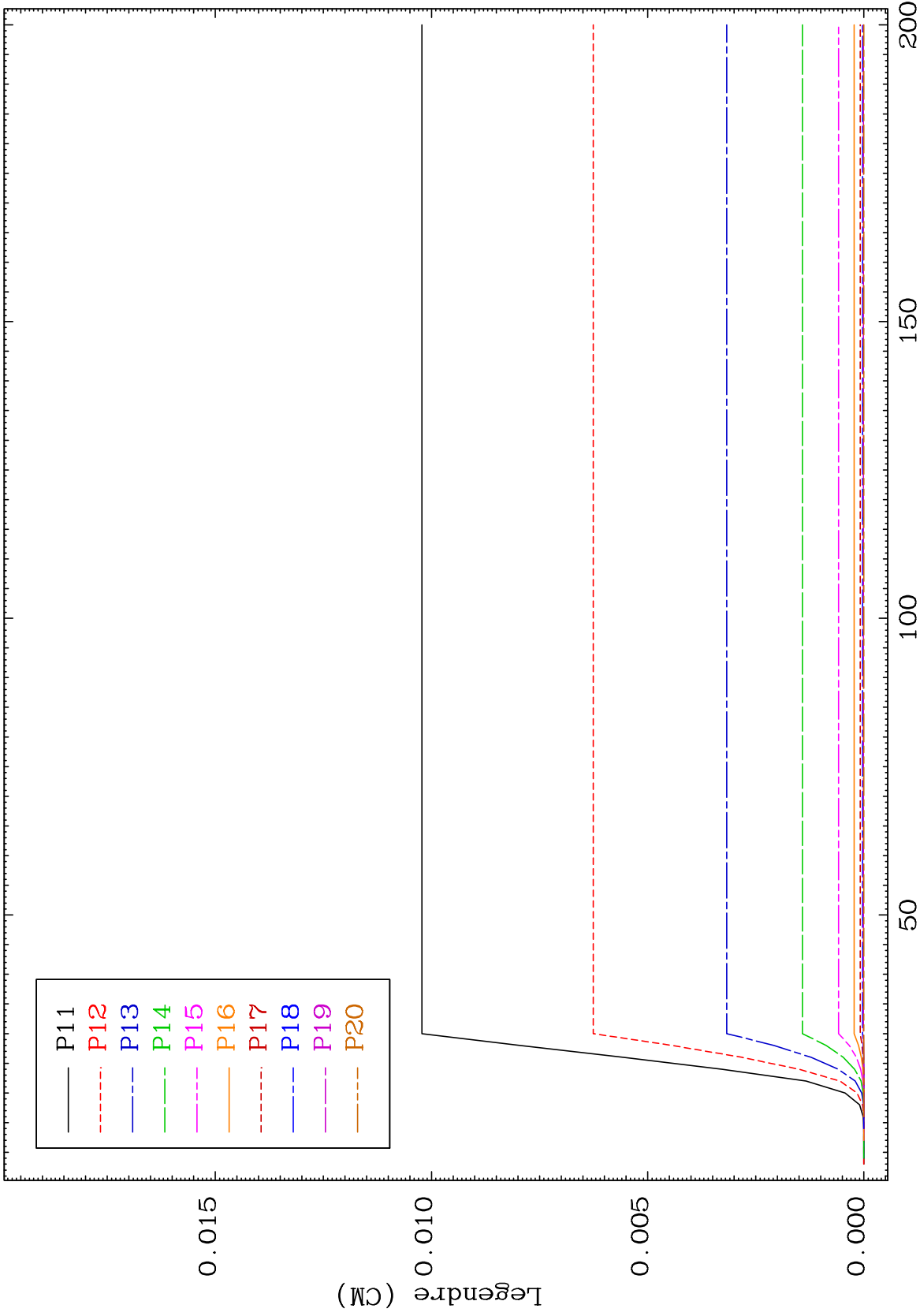
MAT 1034 MT= 71 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034

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

10-Ne-23

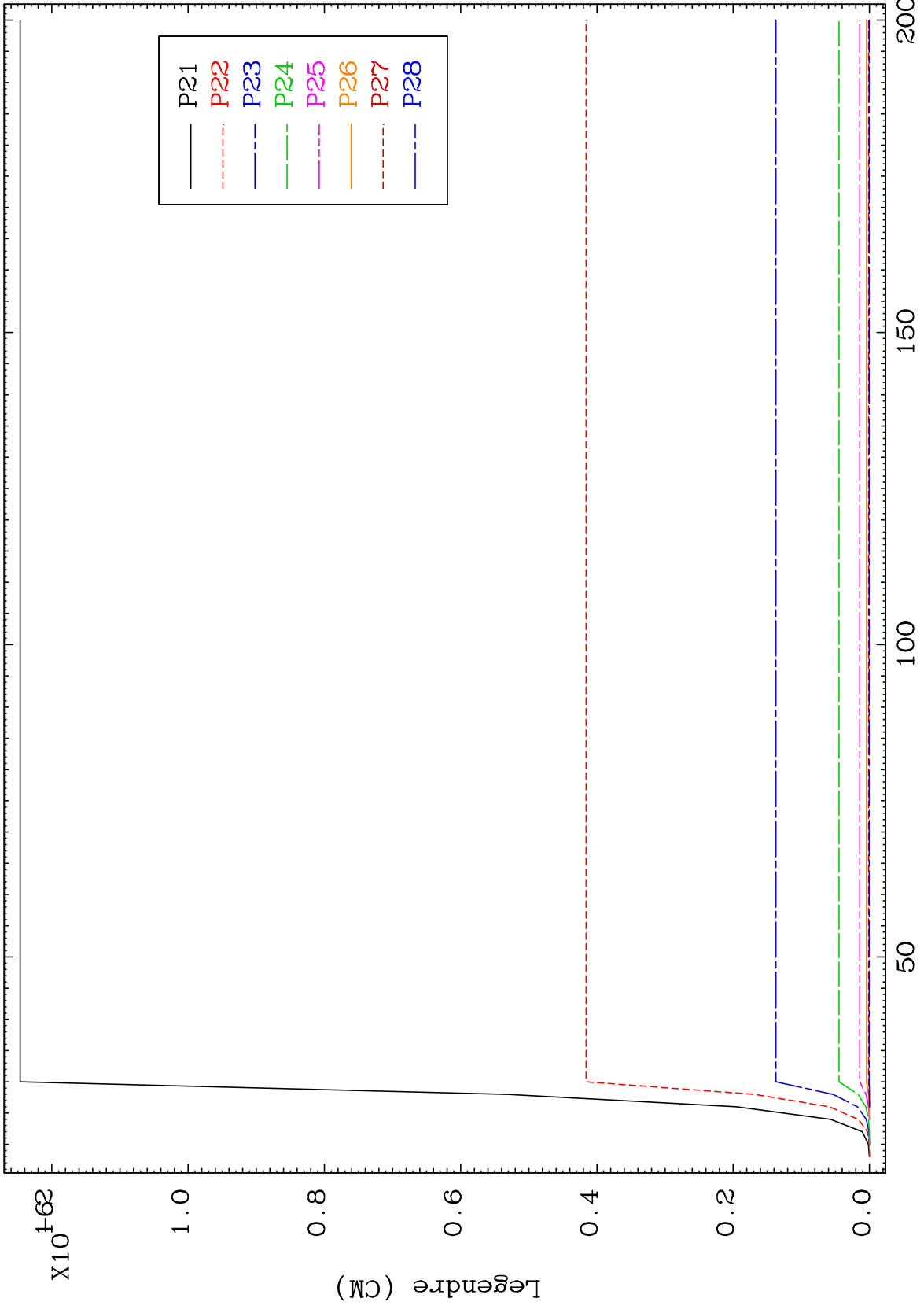


80

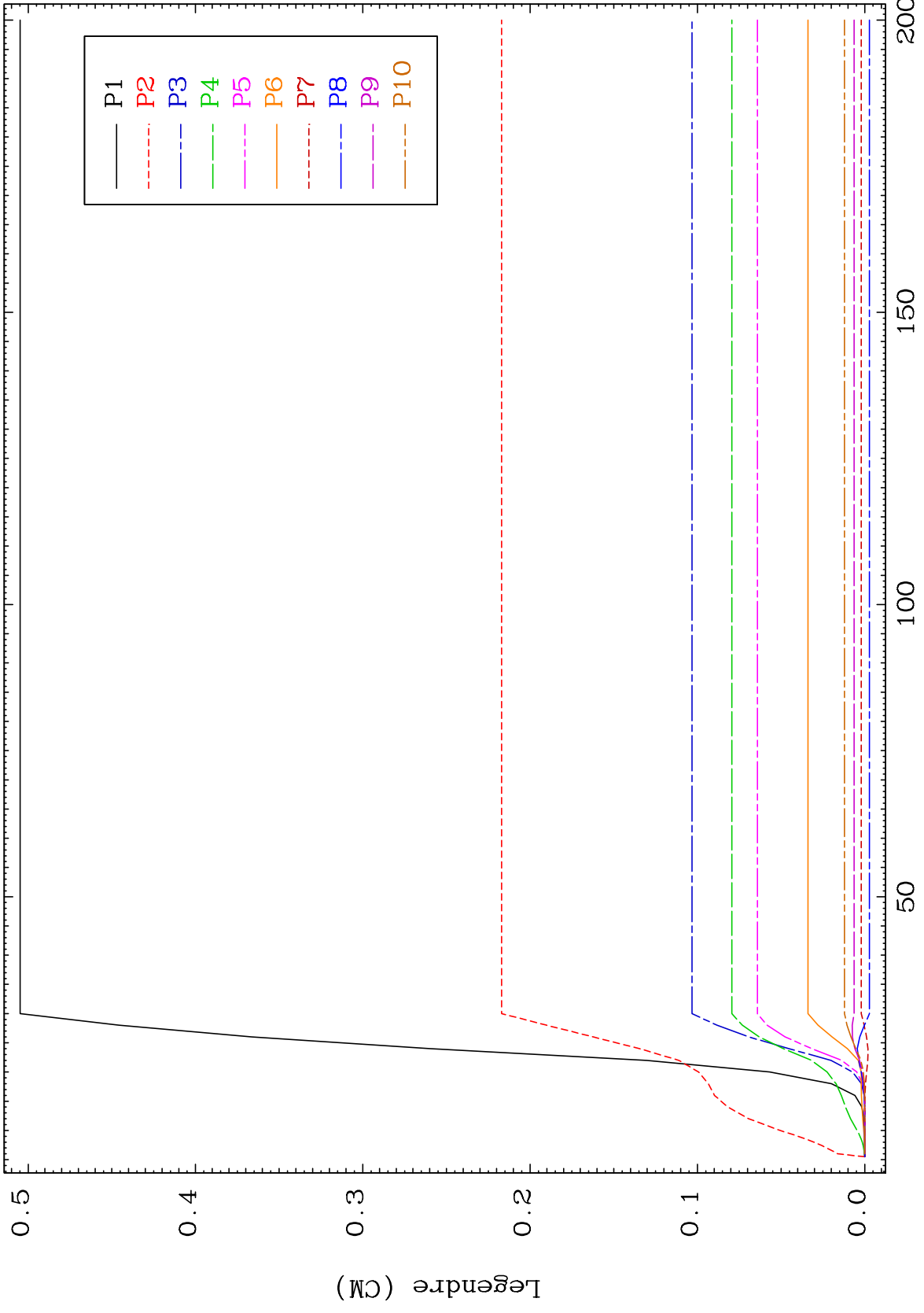
Incident Energy (MeV)

10-Ne-23

MAT 1034 MT= 71 (n,n') Level Legendre Coefficients 10-Ne-23



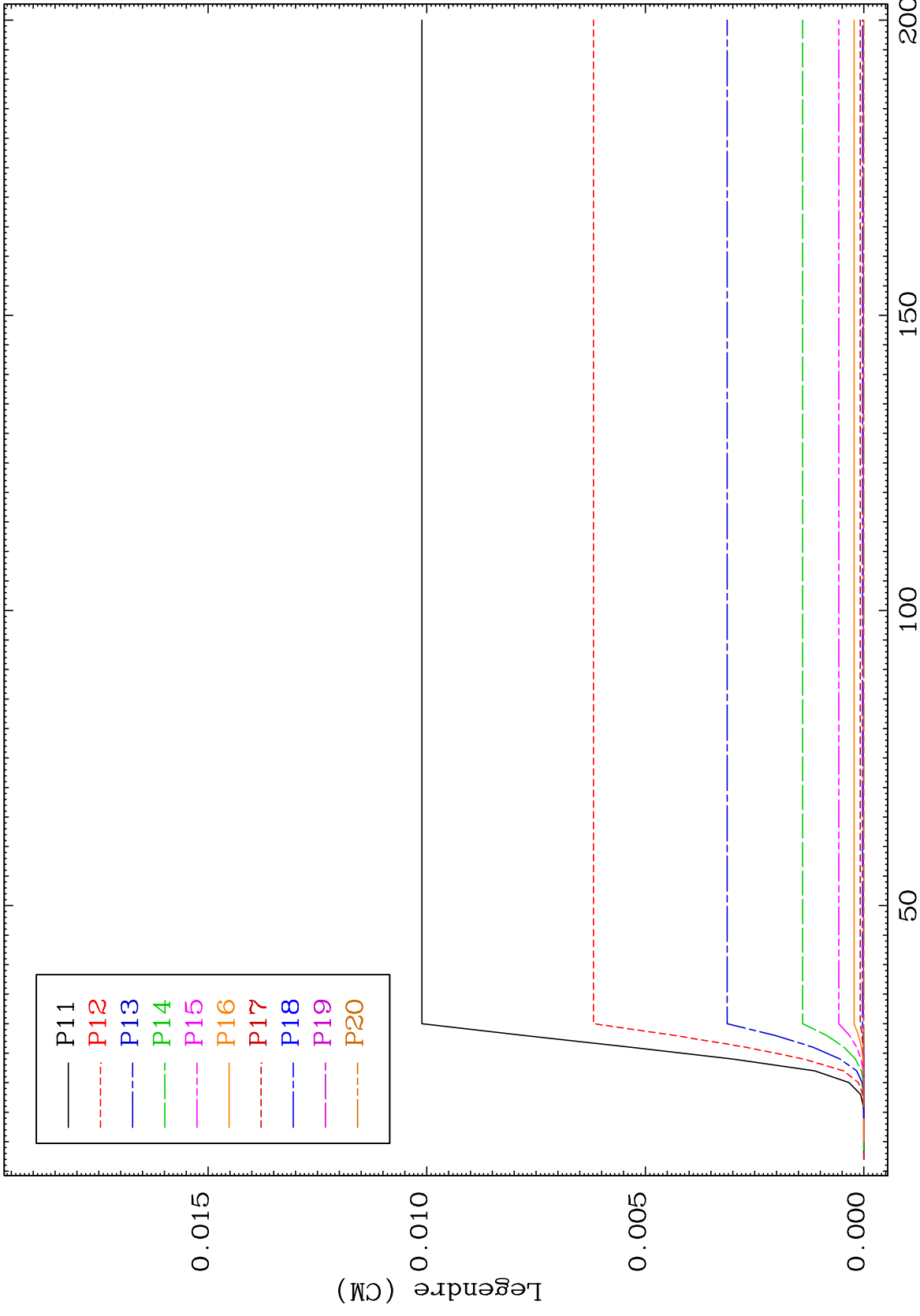
MAT 1034 MT= 72 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034

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

10-Ne-23

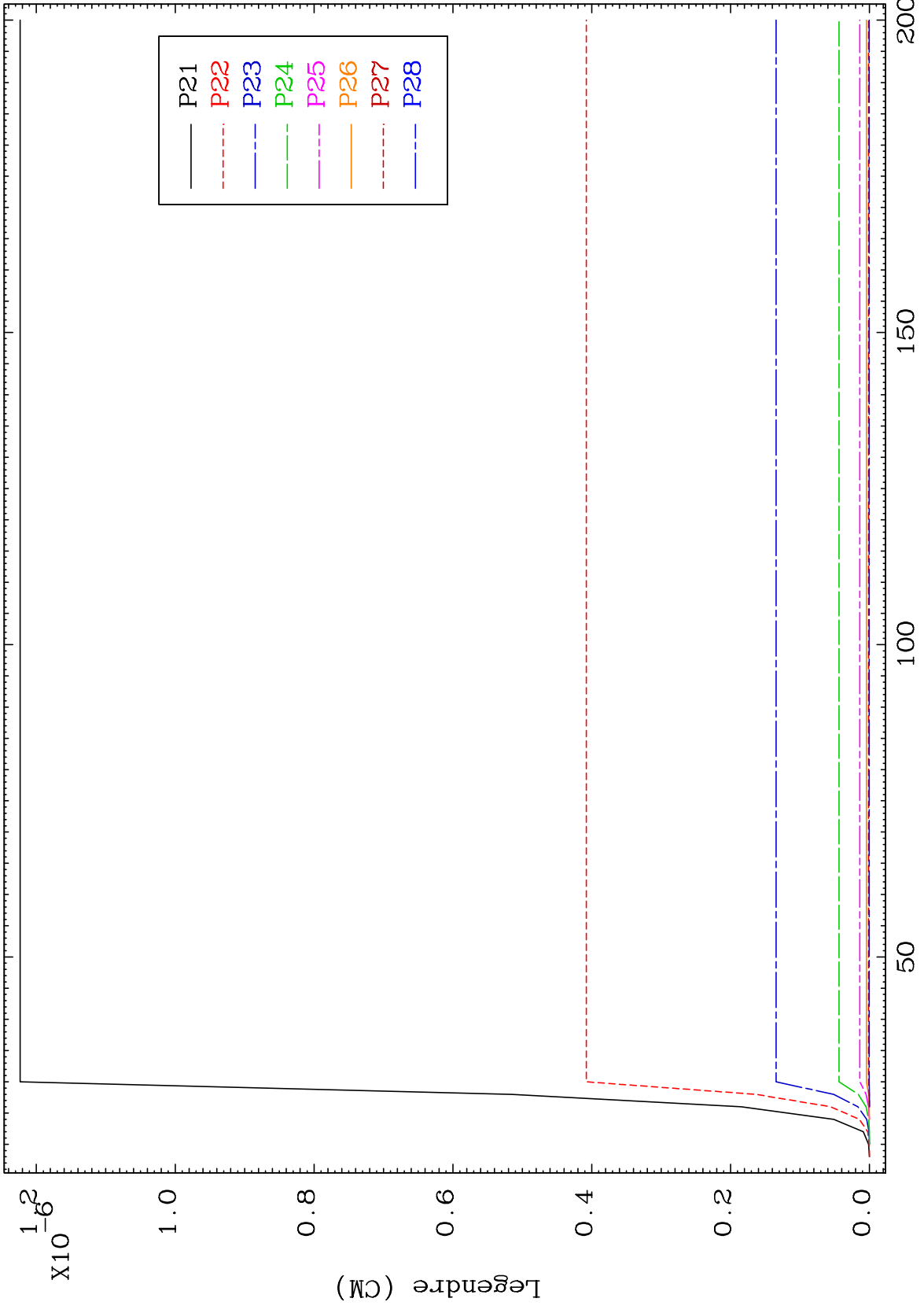


83

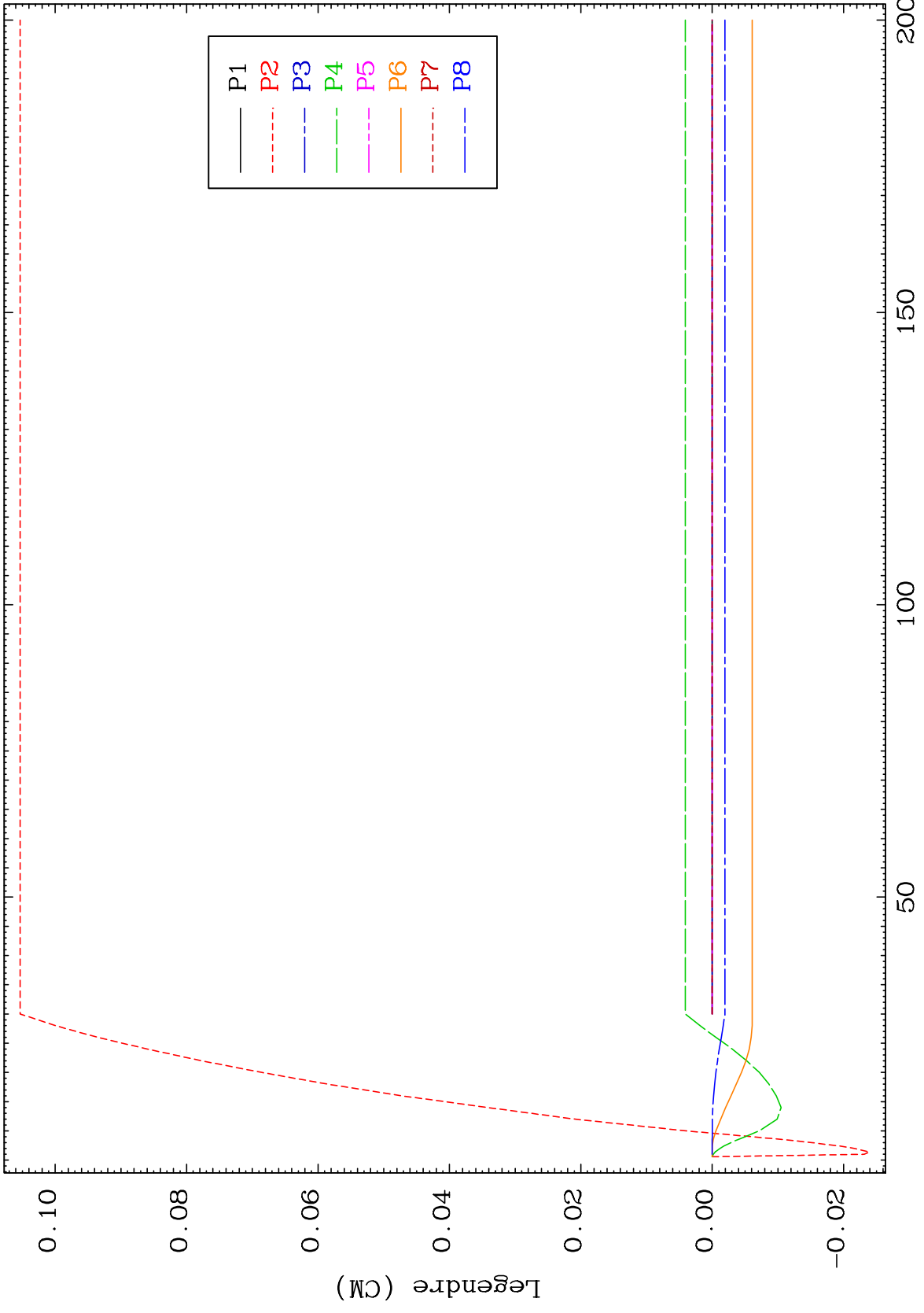
Incident Energy (MeV)

10-Ne-23

MAT 1034 MT= 72 (n,n') Level Legendre Coefficients 10-Ne-23

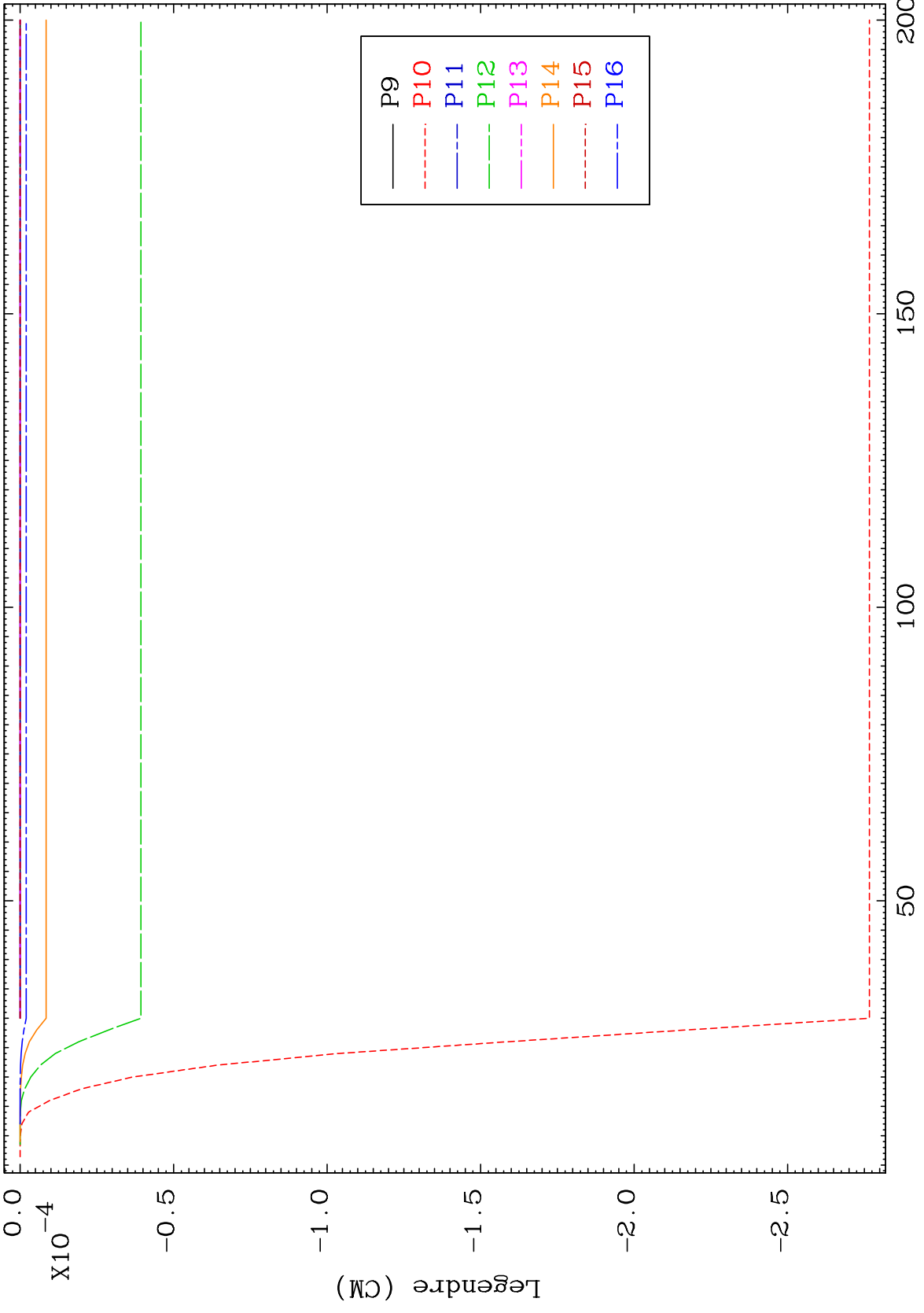


MAT 1034 MT= 73 (n,n') Level Legendre Coefficients 10-Ne-23

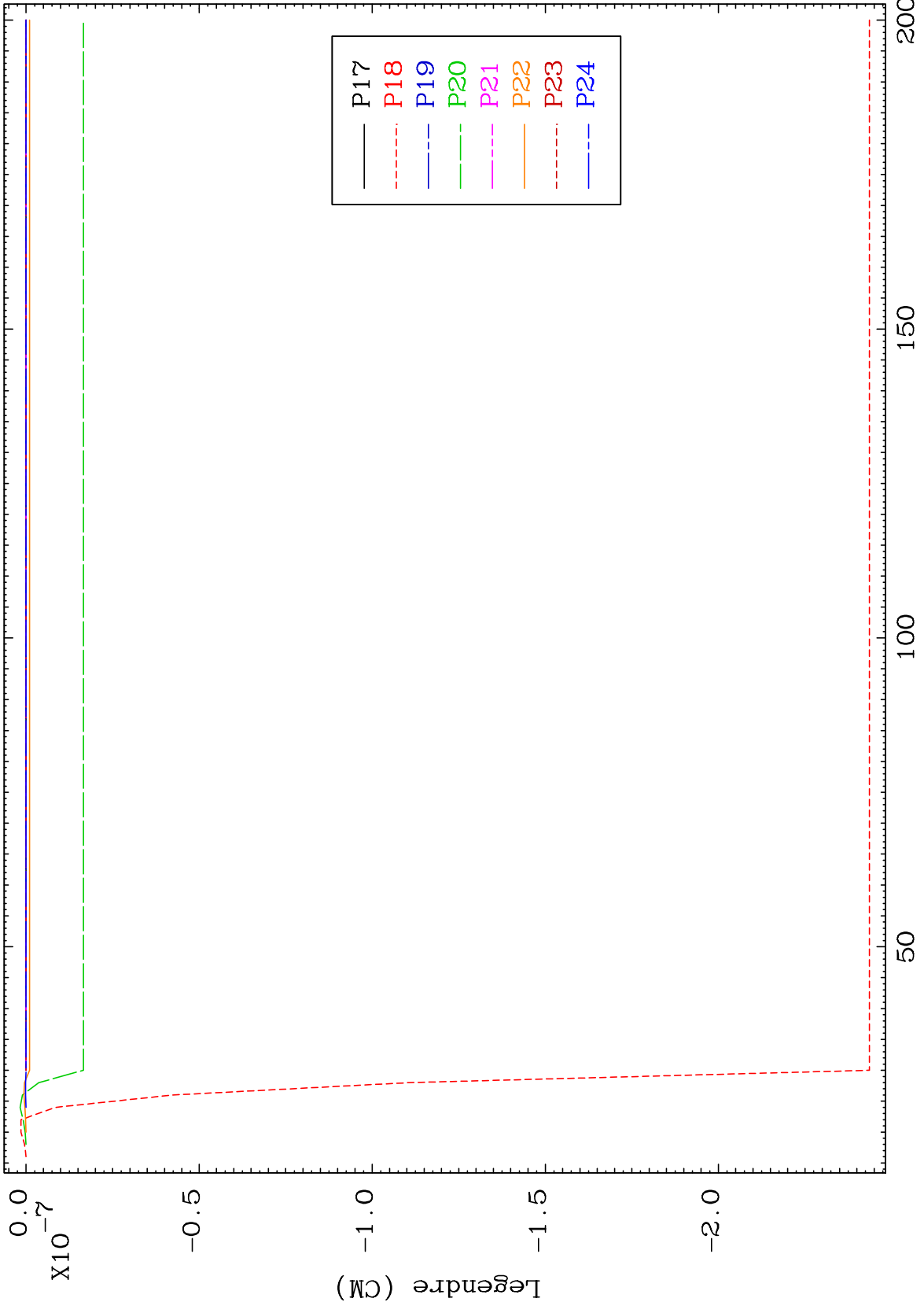


85 Incident Energy (MeV) 10-Ne-23

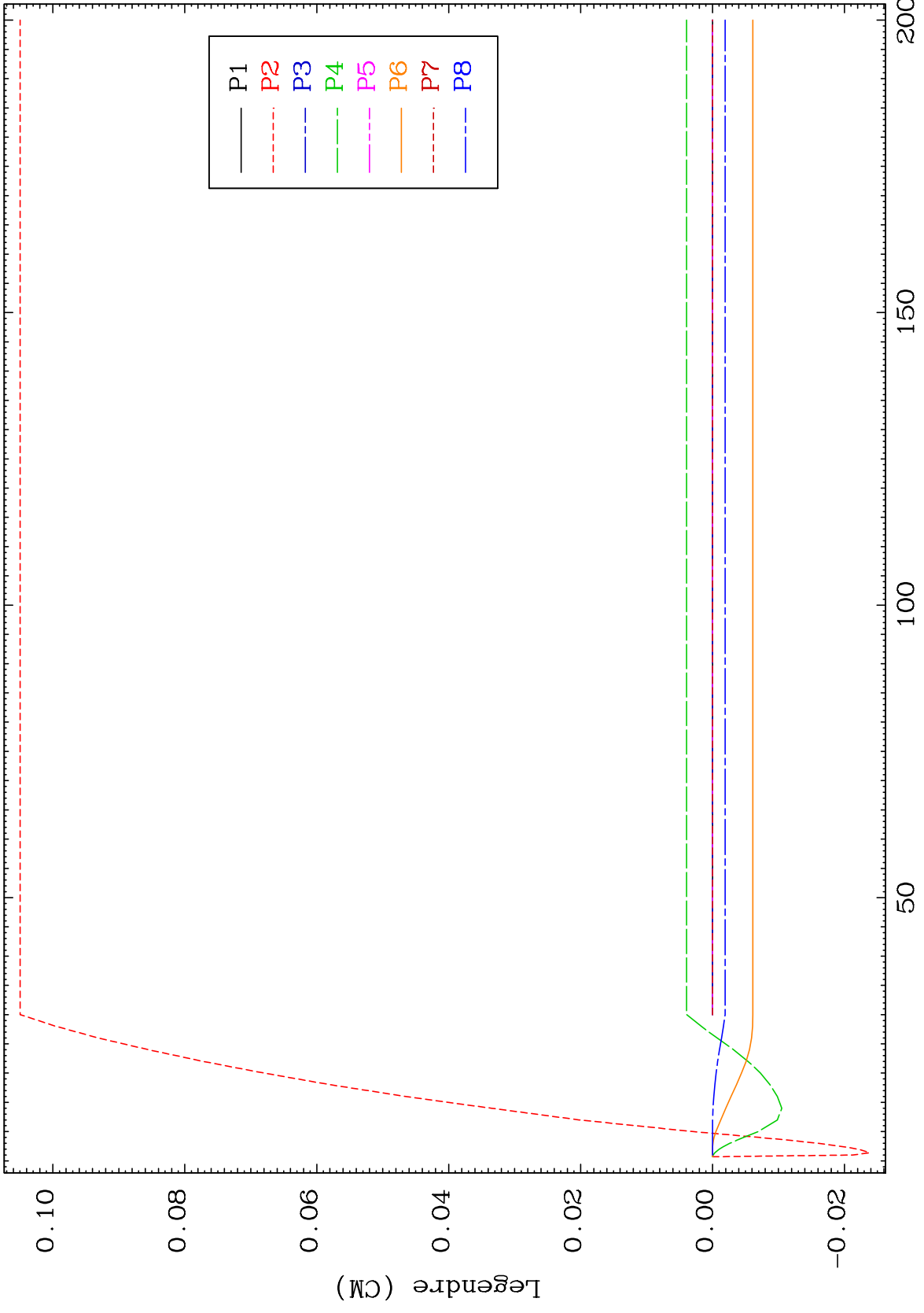
MAT 1034 MT= 73 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034 MT= 73 (n,n') Level Legendre Coefficients 10-Ne-23

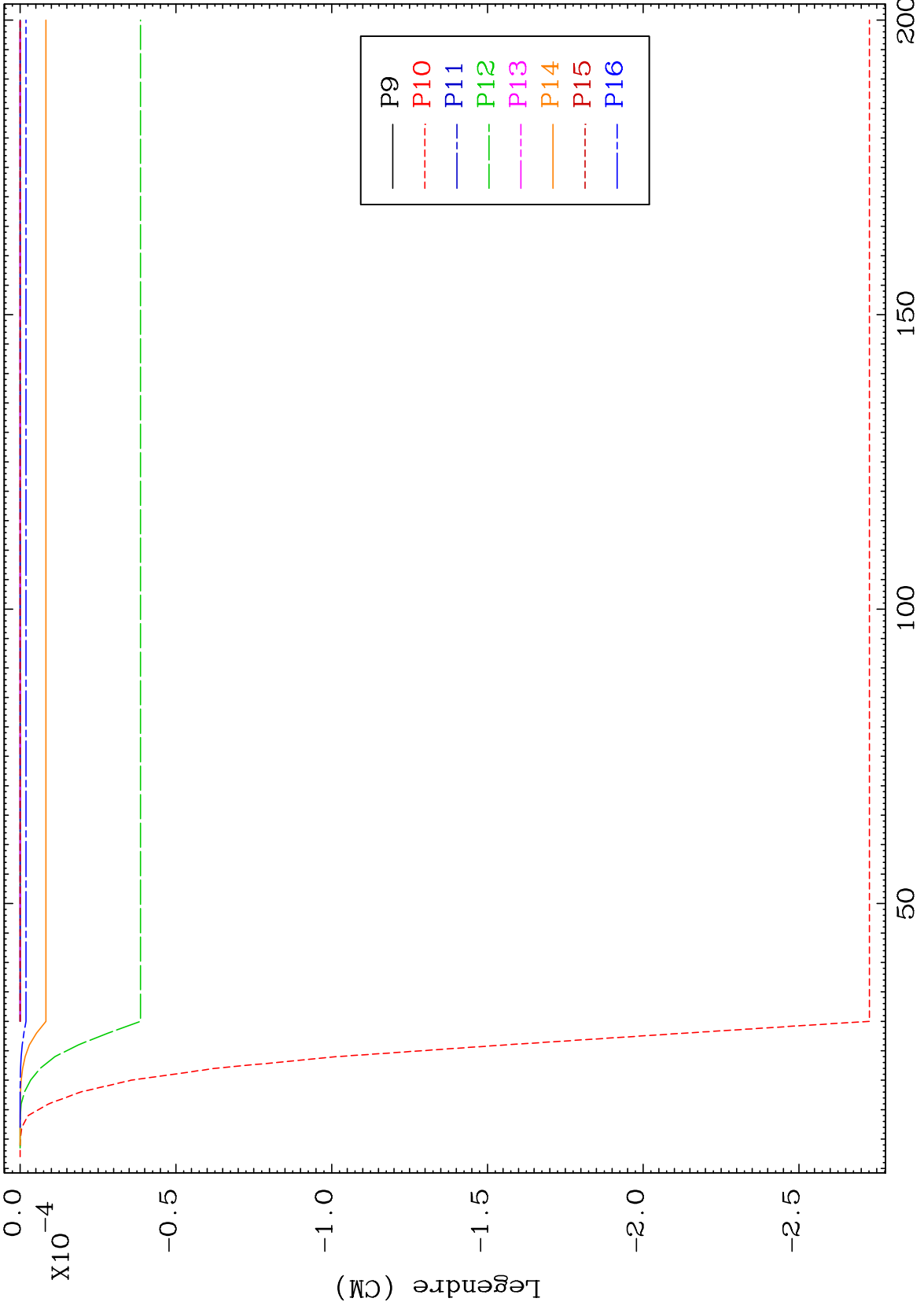


MAT 1034 MT= 74 (n,n') Level Legendre Coefficients 10-Ne-23

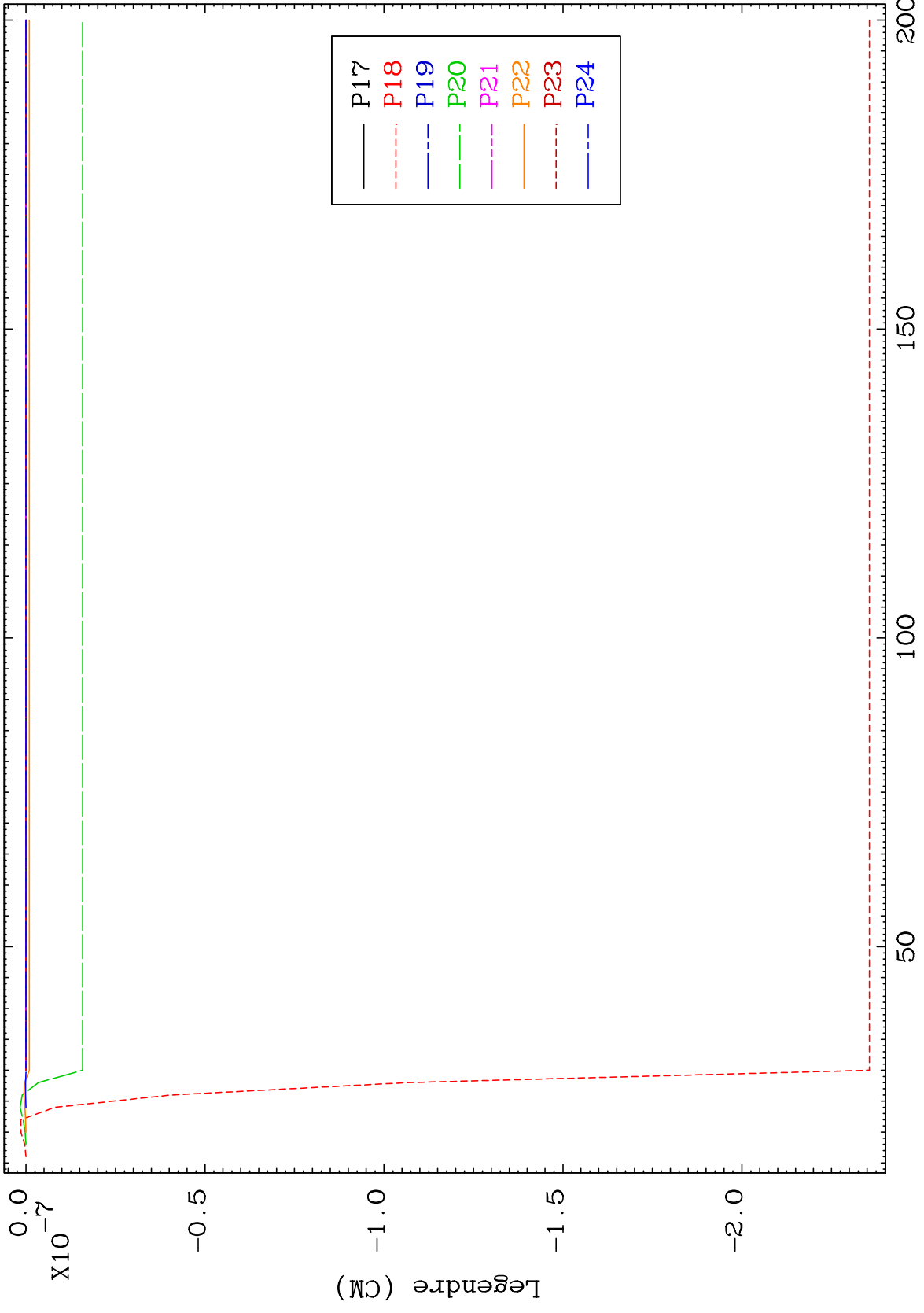


88 10-Ne-23

MAT 1034 MT= 74 (n,n') Level Legendre Coefficients 10-Ne-23

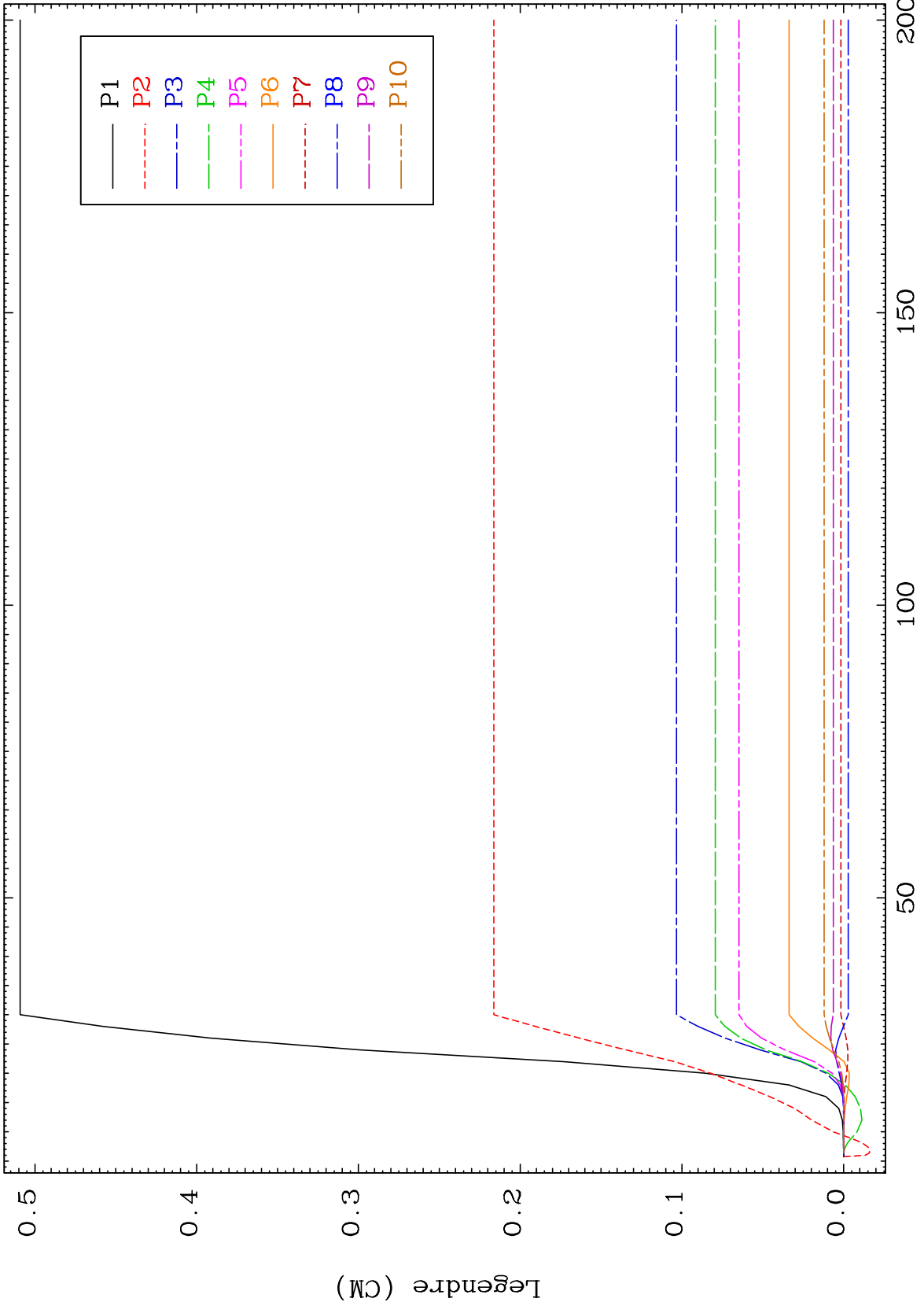


MAT 1034 MT= 74 (n,n') Level Legendre Coefficients 10-Ne-23



90 Incident Energy (MeV) 10-Ne-23

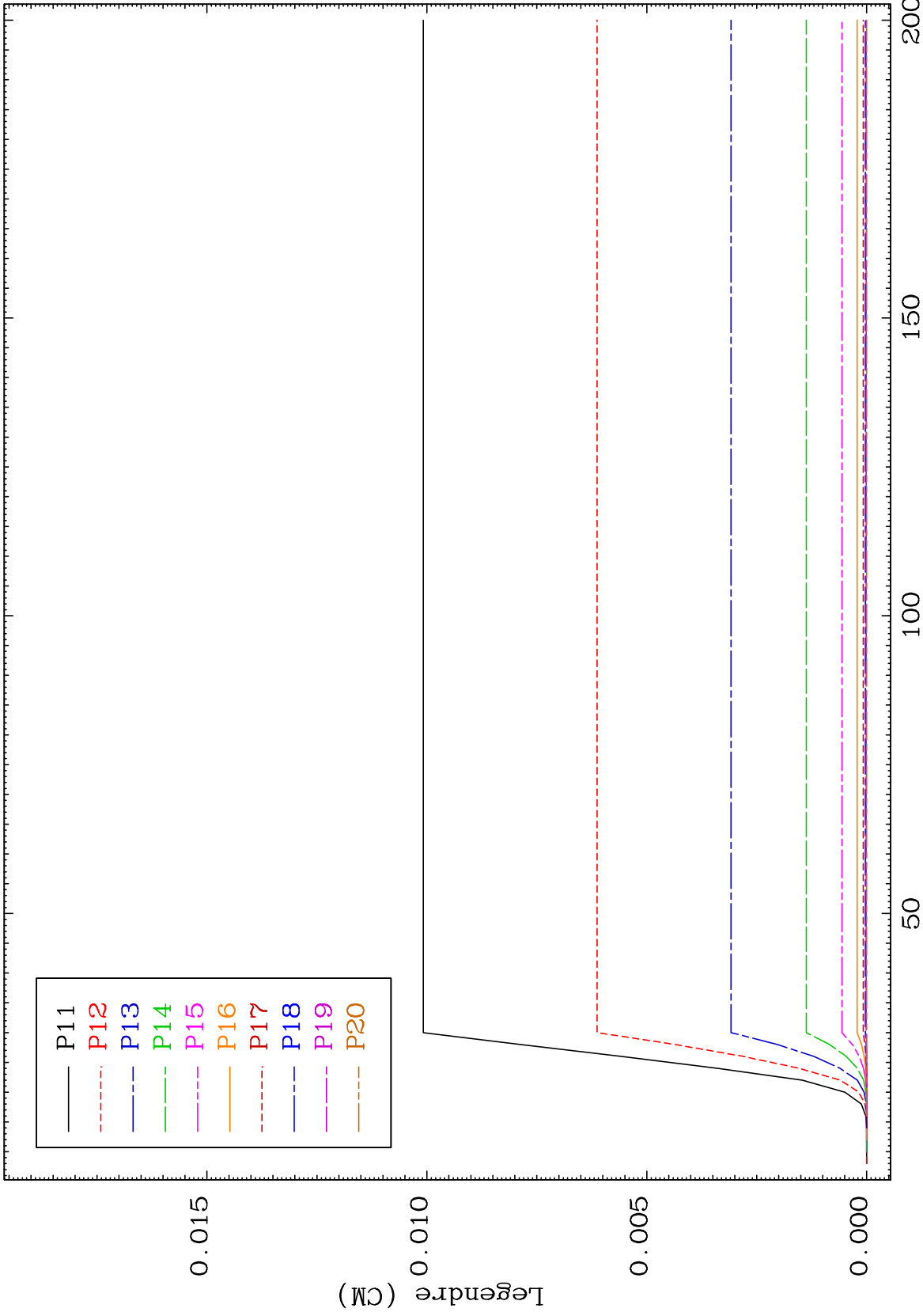
MAT 1034 MT= 75 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034

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

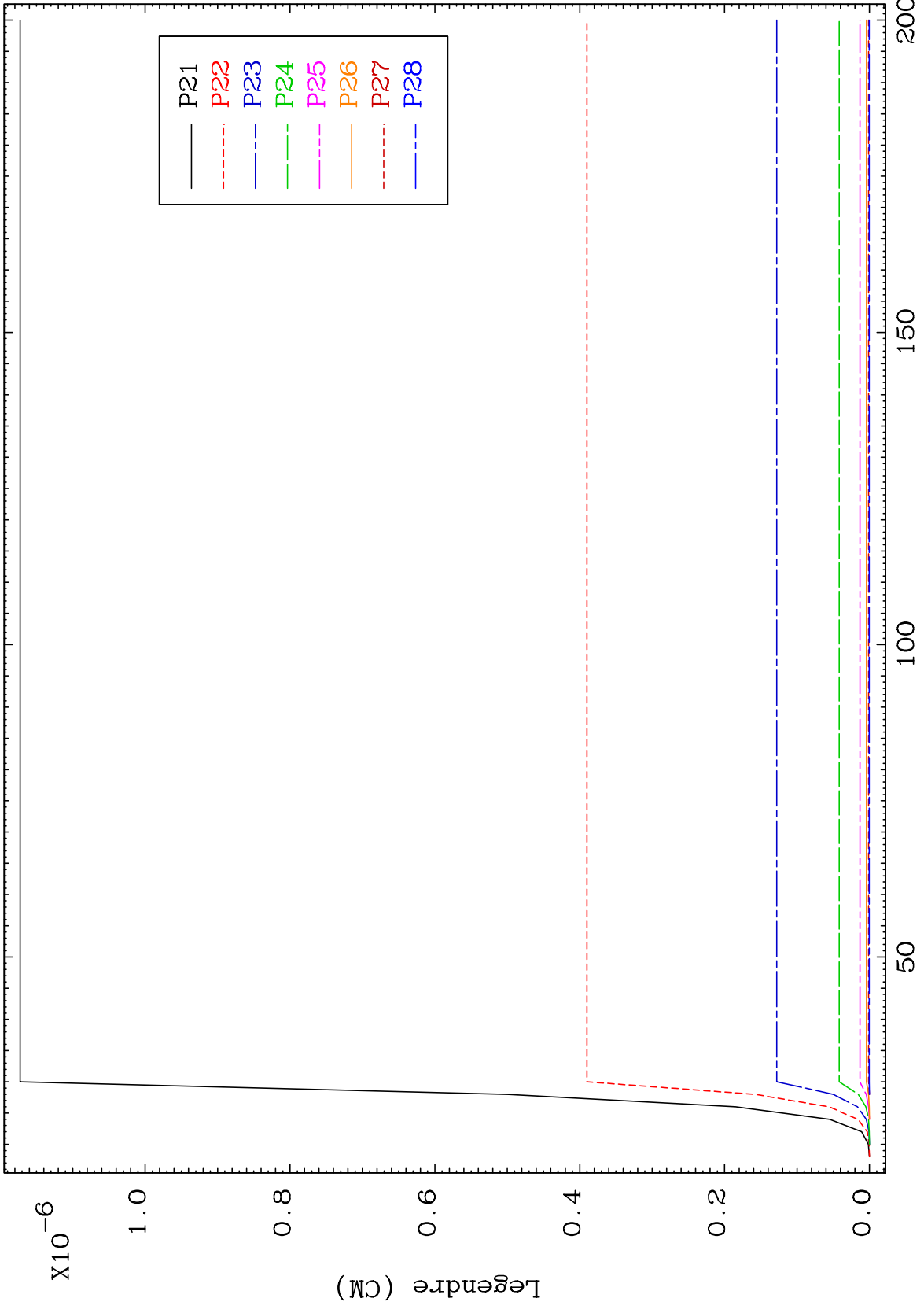
10-Ne-23



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10-Ne-23

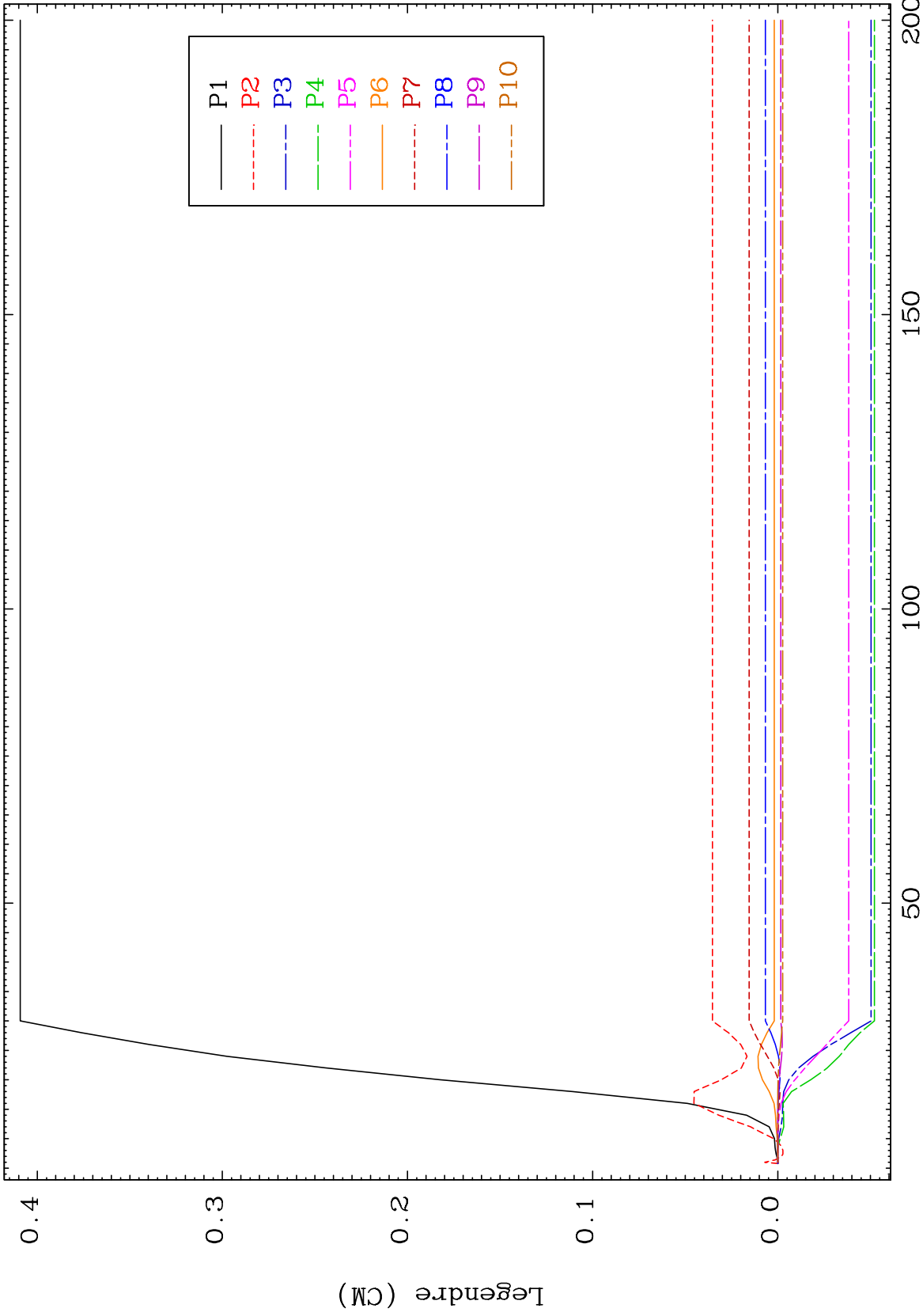
MAT 1034 MT= 75 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034

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

10-Ne-23

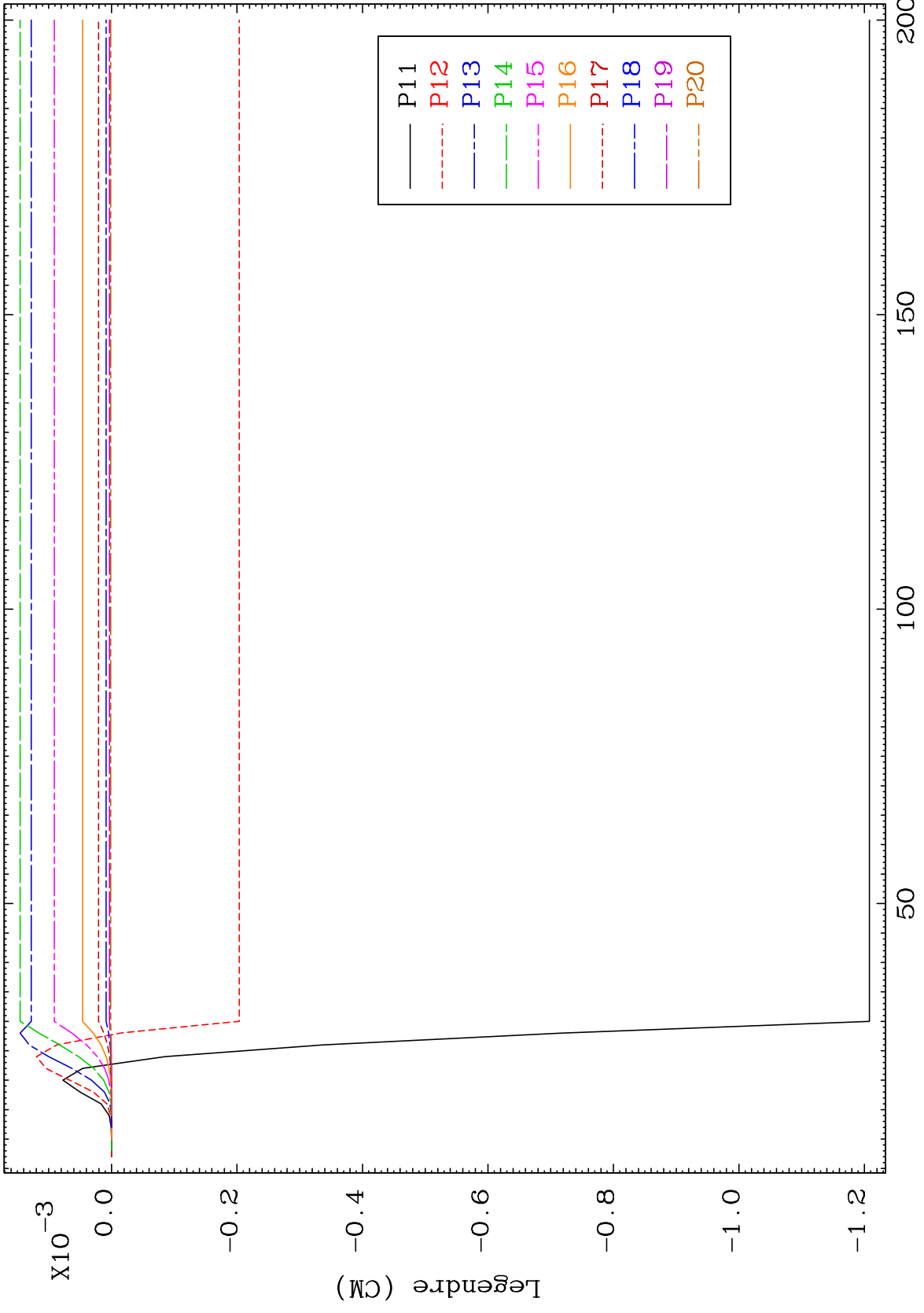


94

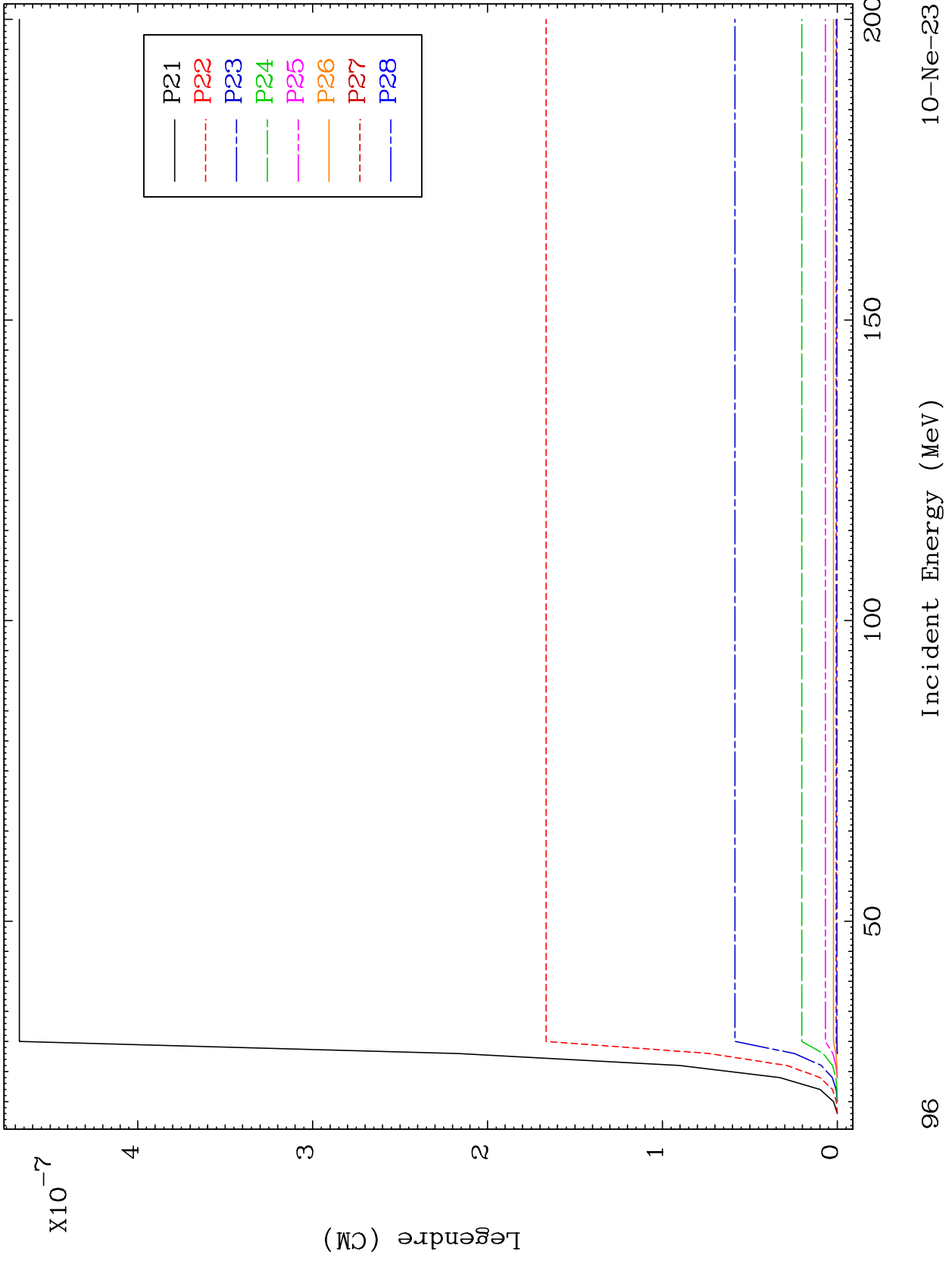
Incident Energy (MeV)

10-Ne-23

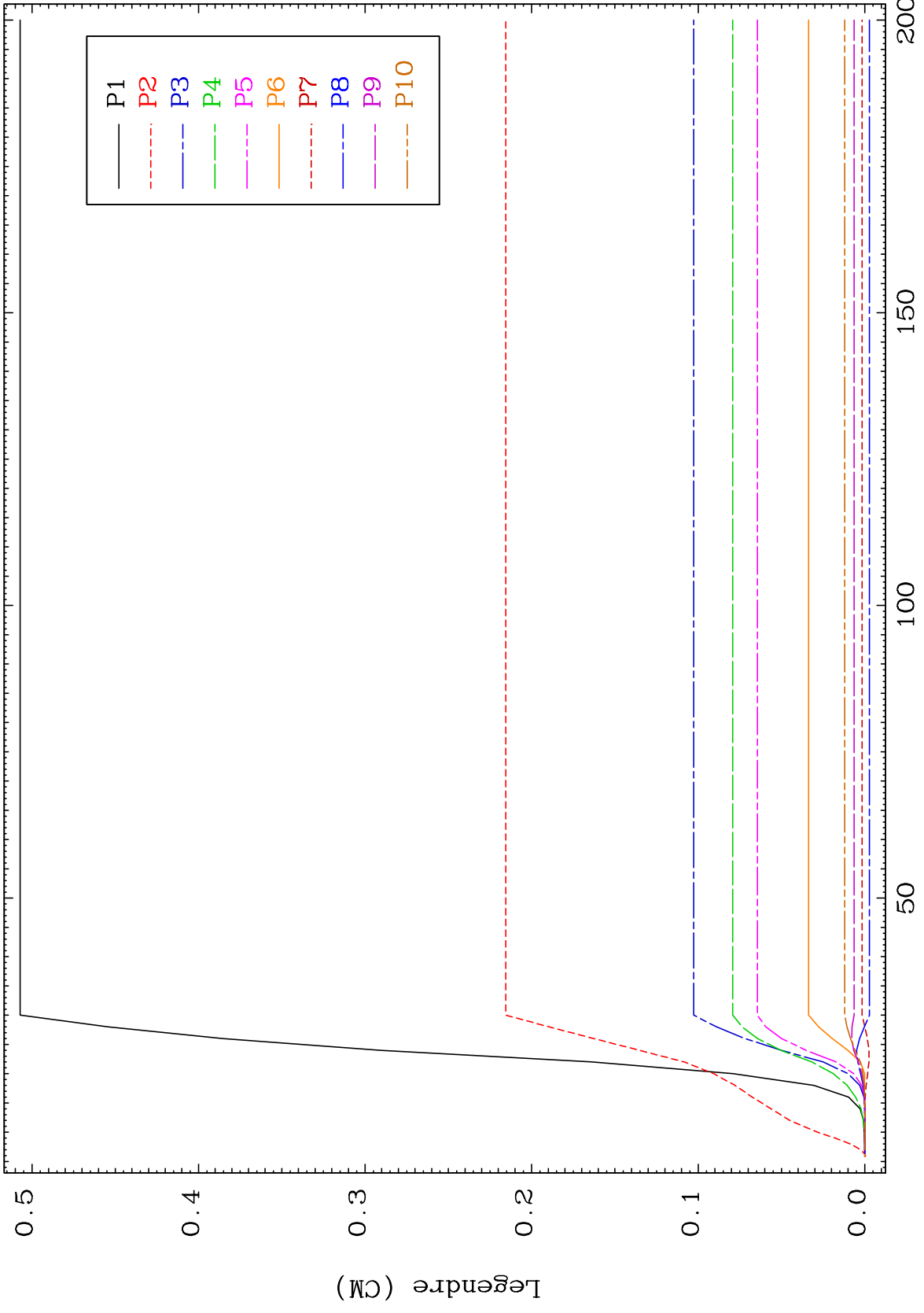
MAT 1034 MT= 76 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034 MT= 76 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034 MT= 77 (n,n') Level Legendre Coefficients 10-Ne-23

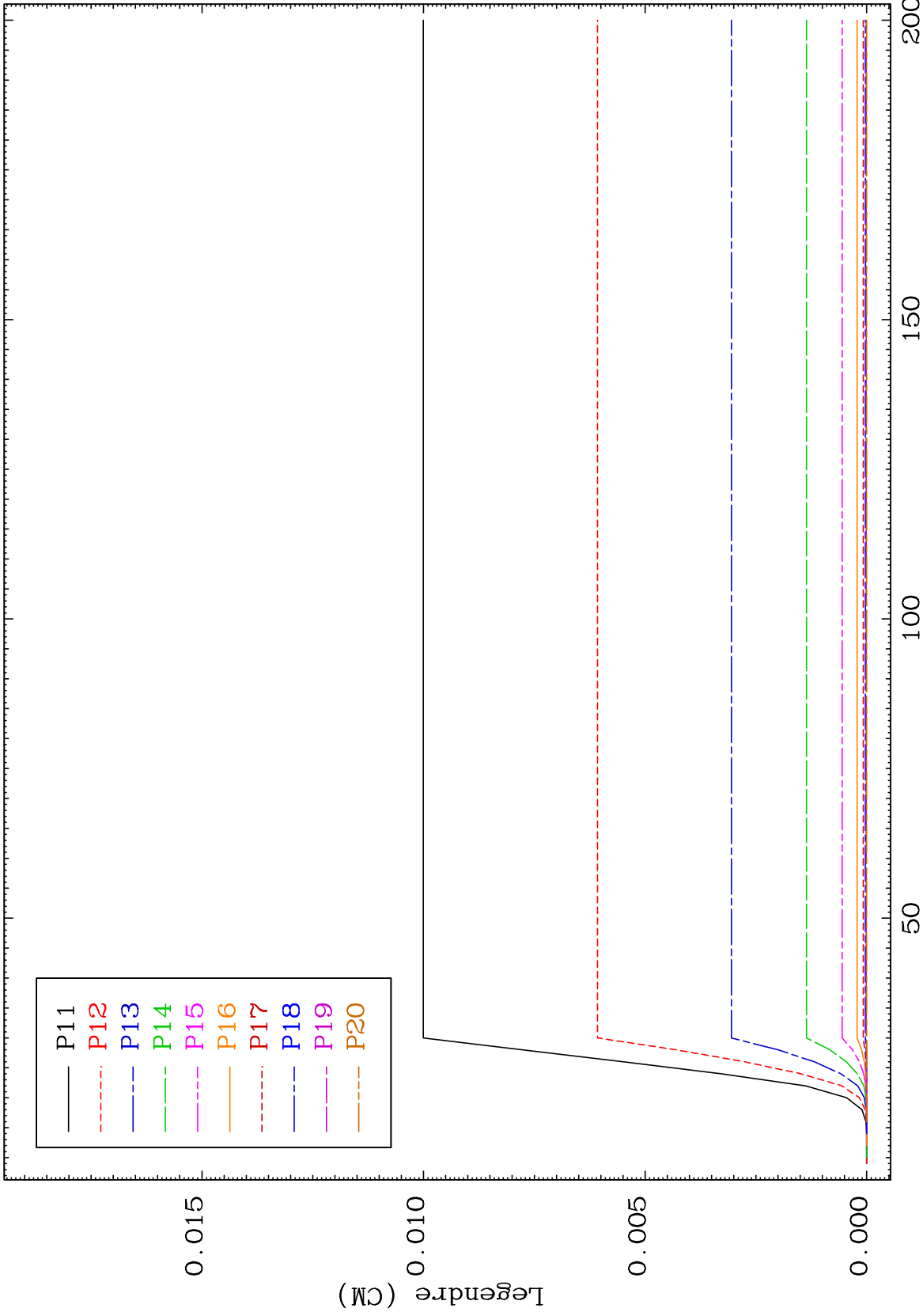


97 10-Ne-23

MAT 1034

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

10-Ne-23

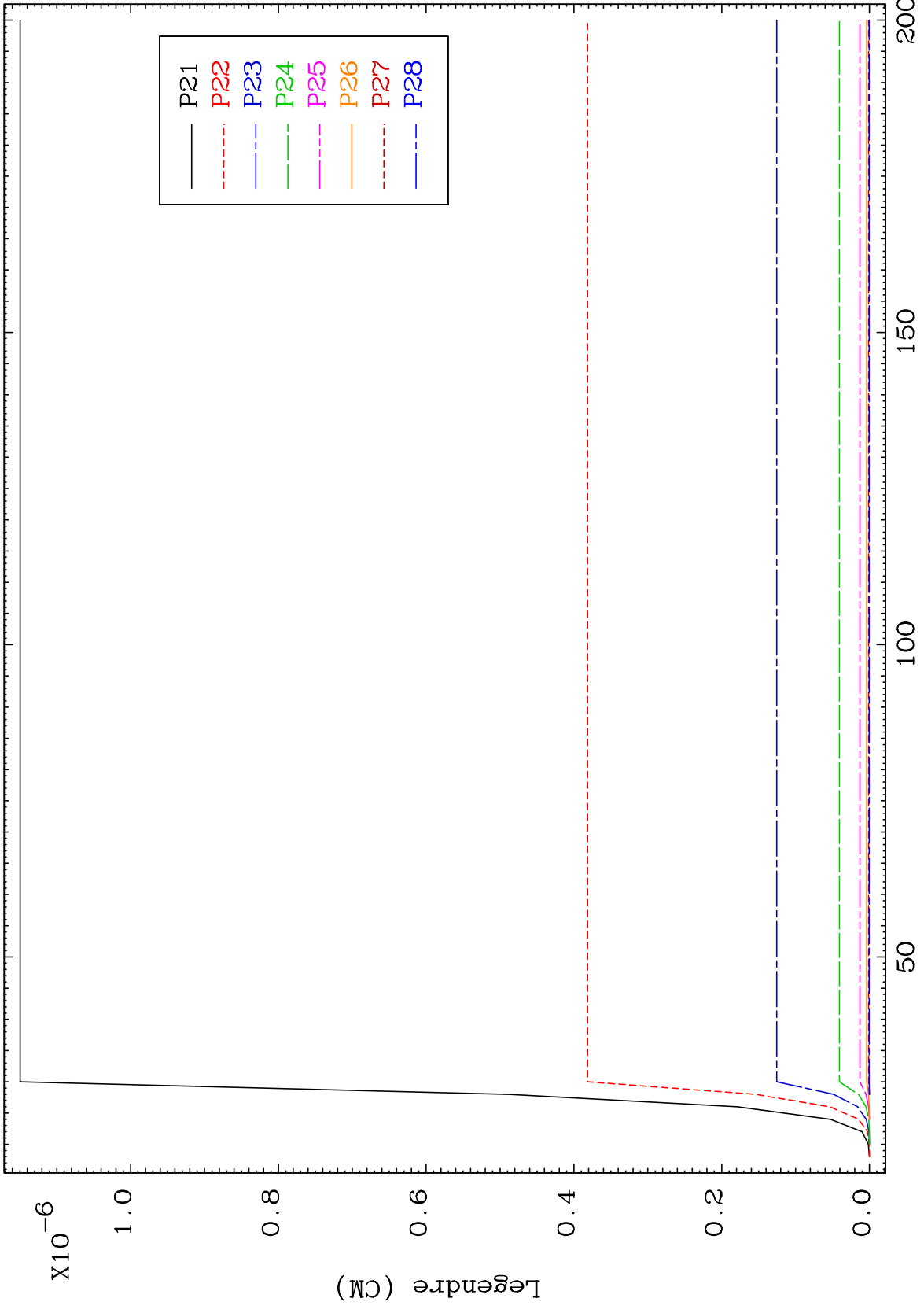


98

Incident Energy (MeV)

10-Ne-23

MAT 1034 MT= 77 (n,n') Level Legendre Coefficients 10-Ne-23

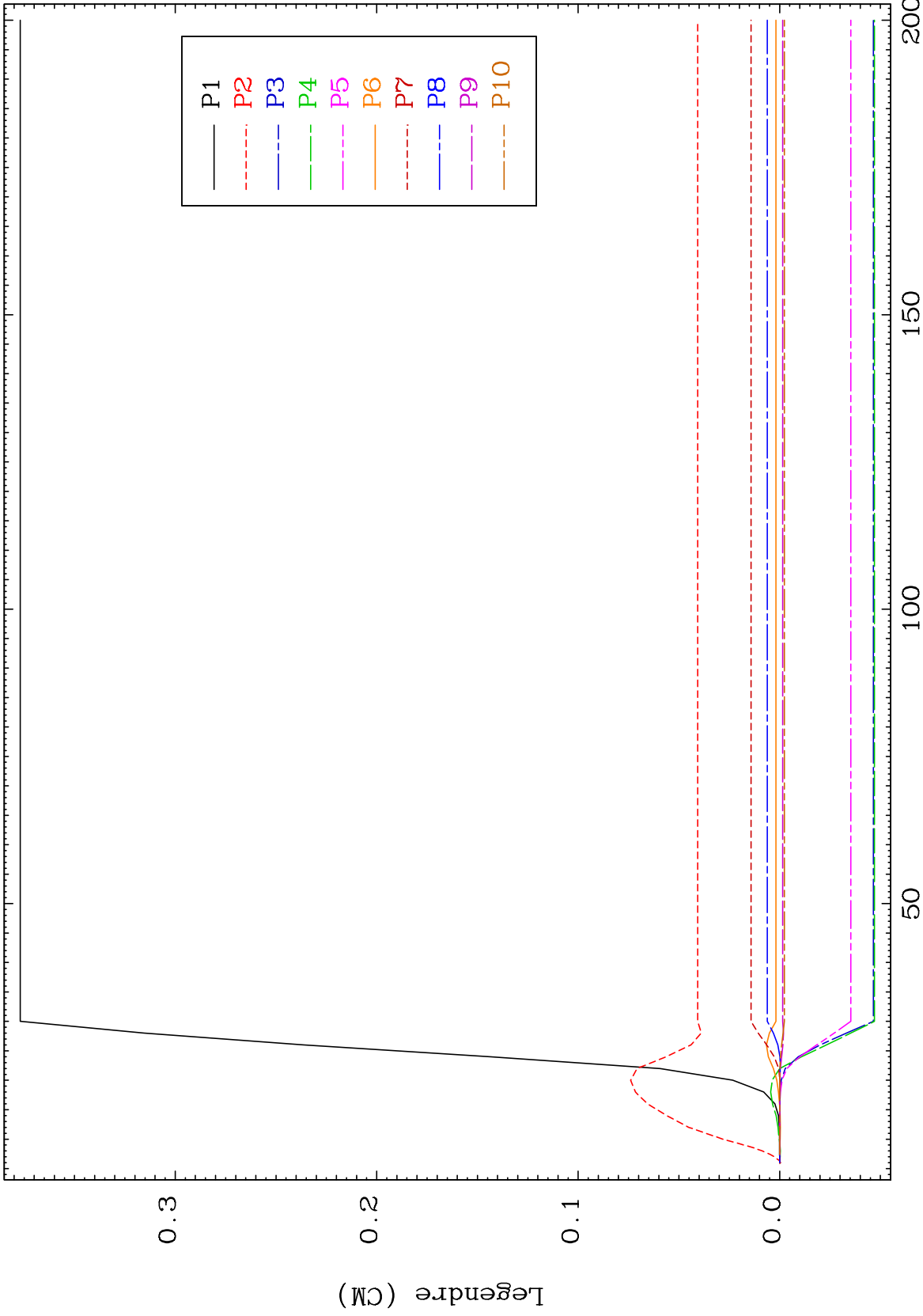


99 10-Ne-23

MAT 1034

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

10-Ne-23

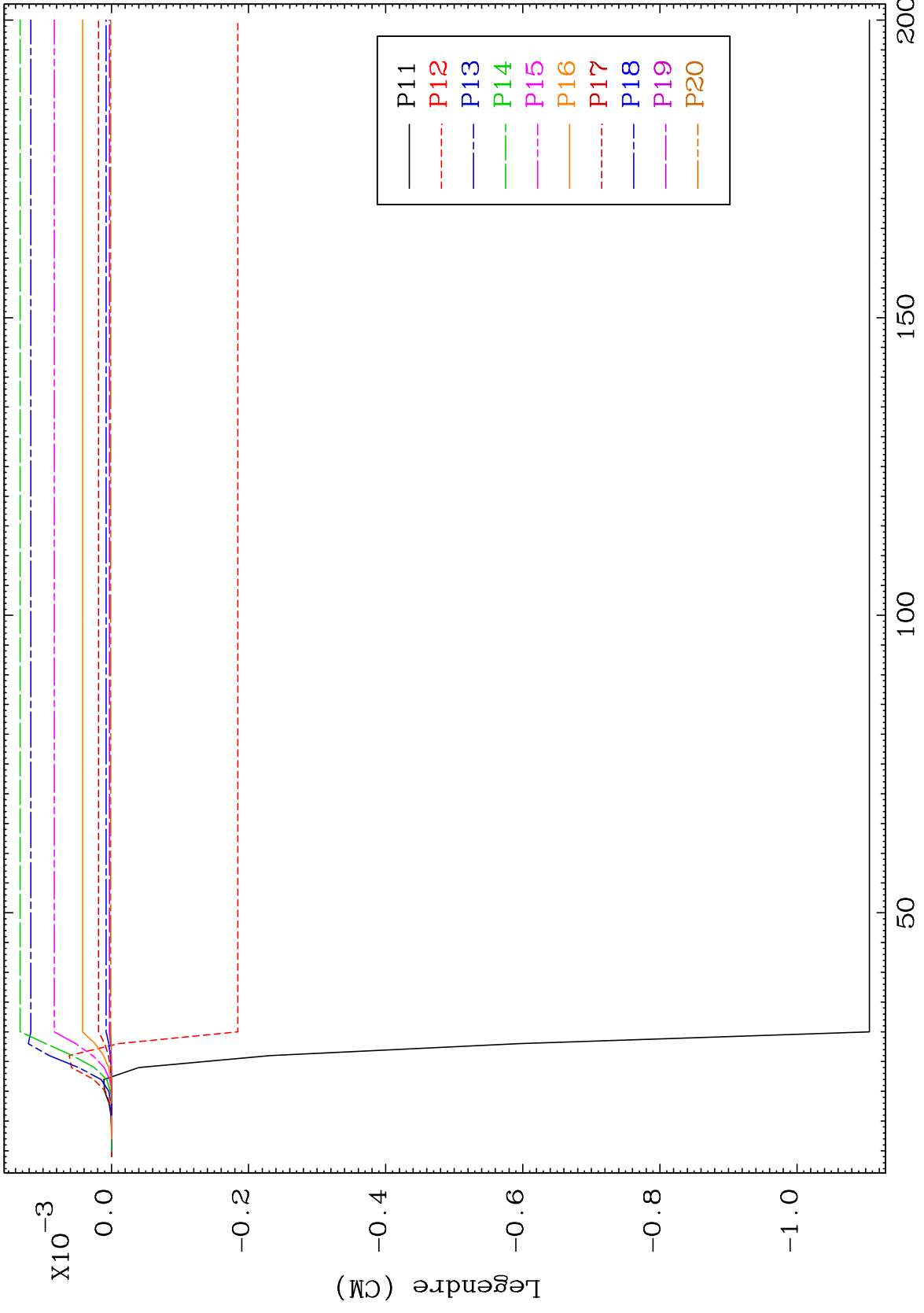


100

Incident Energy (MeV)

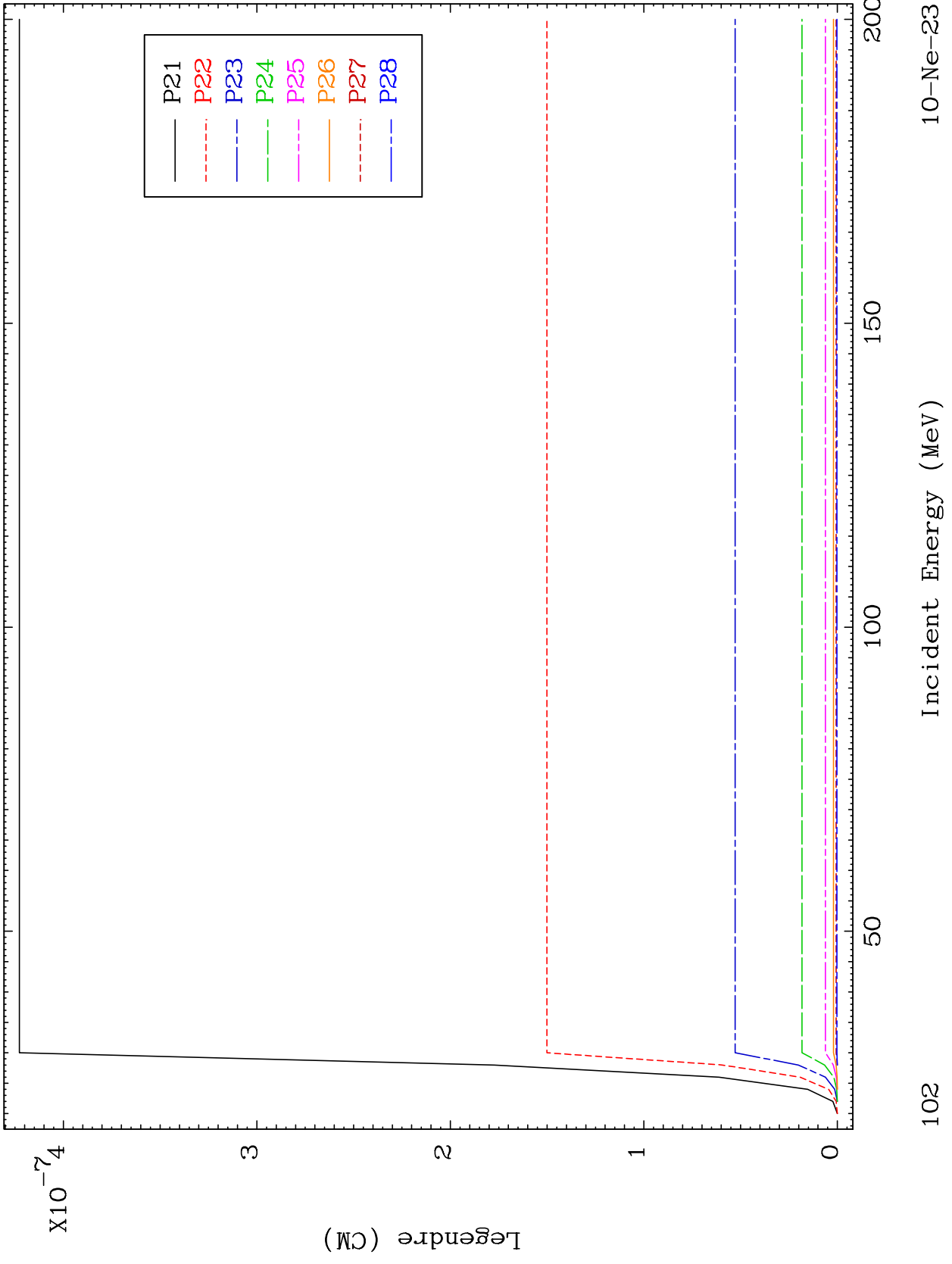
10-Ne-23

MAT 1034 MT= 78 (n,n') Level Legendre Coefficients 10-Ne-23

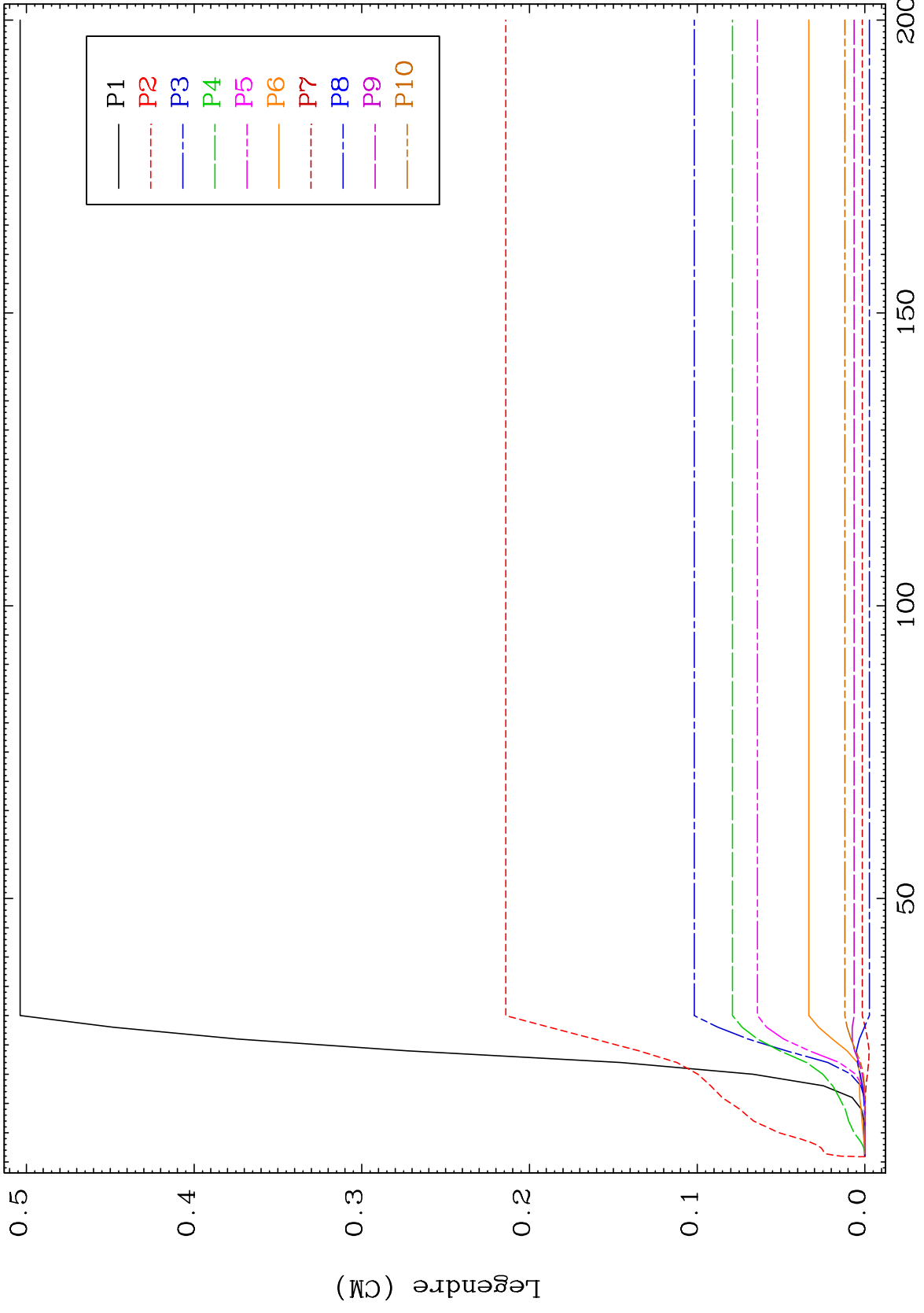


101 10-Ne-23

MAT 1034 MT= 78 (n,n') Level Legendre Coefficients 10-Ne-23



MAT 1034 MT= 79 (n,n') Level Legendre Coefficients 10-Ne-23

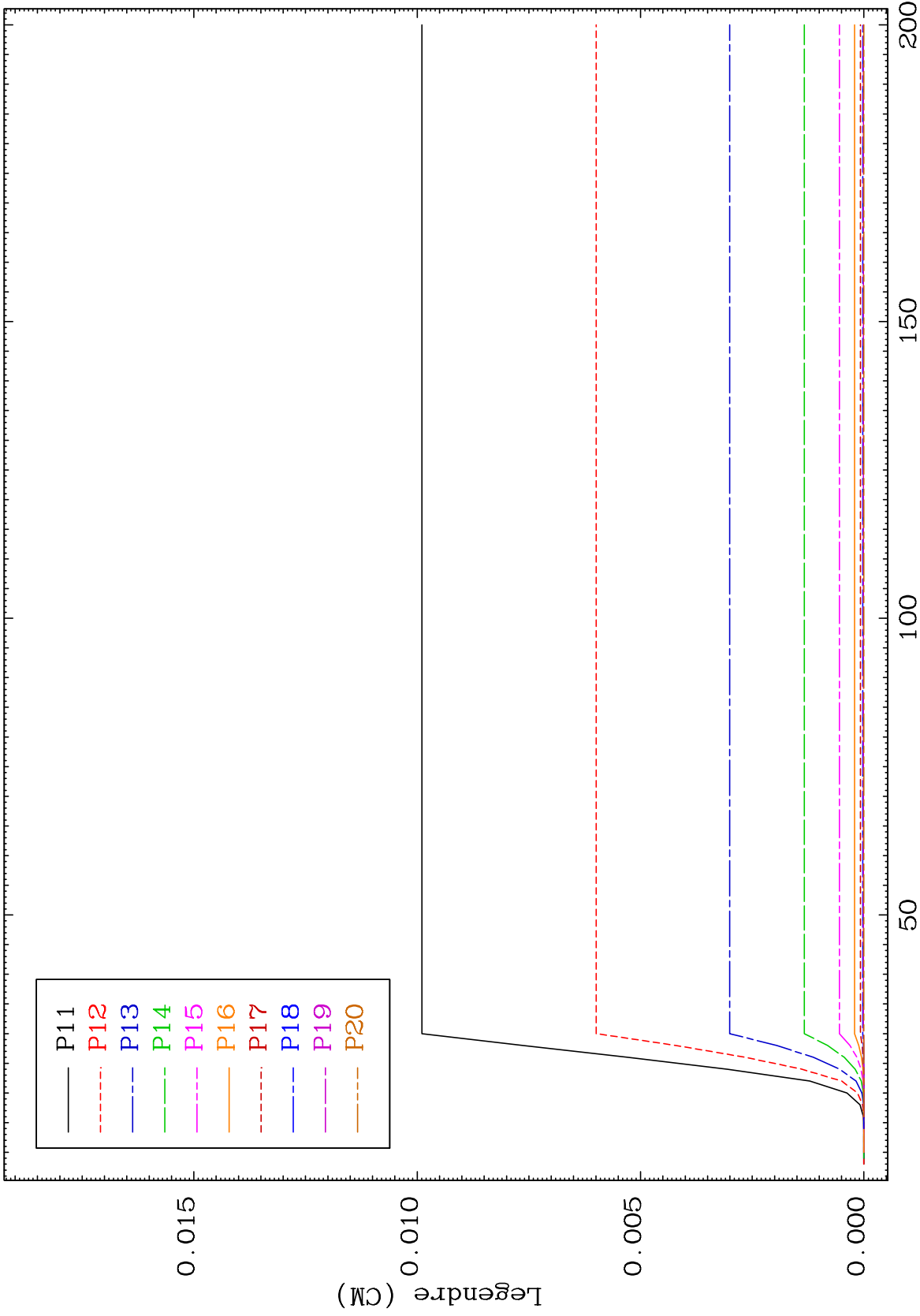


Legendre (CM) Incident Energy (MeV) 10-Ne-23

MAT 1034

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

10-Ne-23



104

Incident Energy (MeV)

10-Ne-23

