

Program EVALPLOT
(Version 2018-1)

by

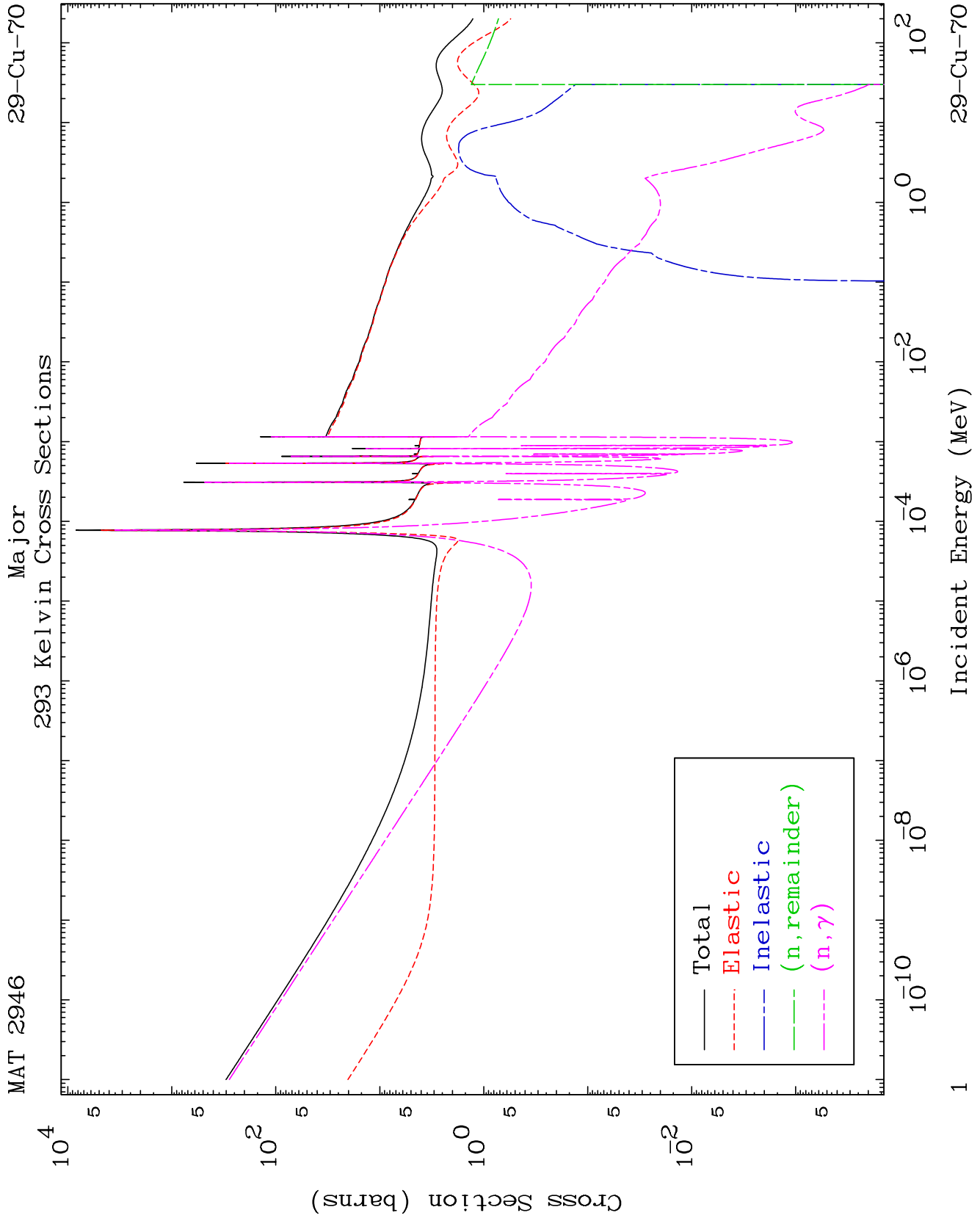
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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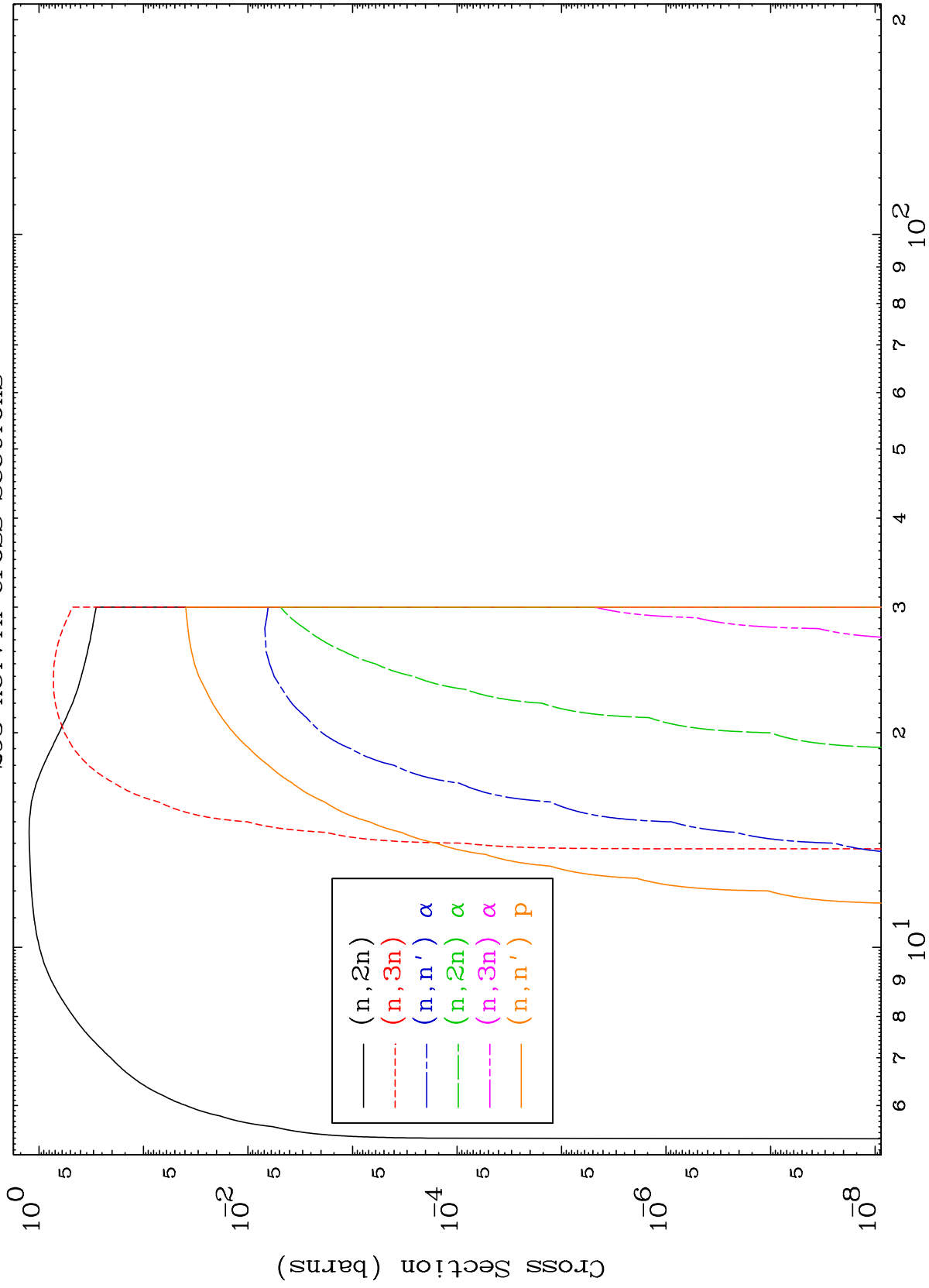
Press Mouse Button to Start



MAT 2946

Neutron Production
293 Kelvin Cross Sections

29-Cu-70



2

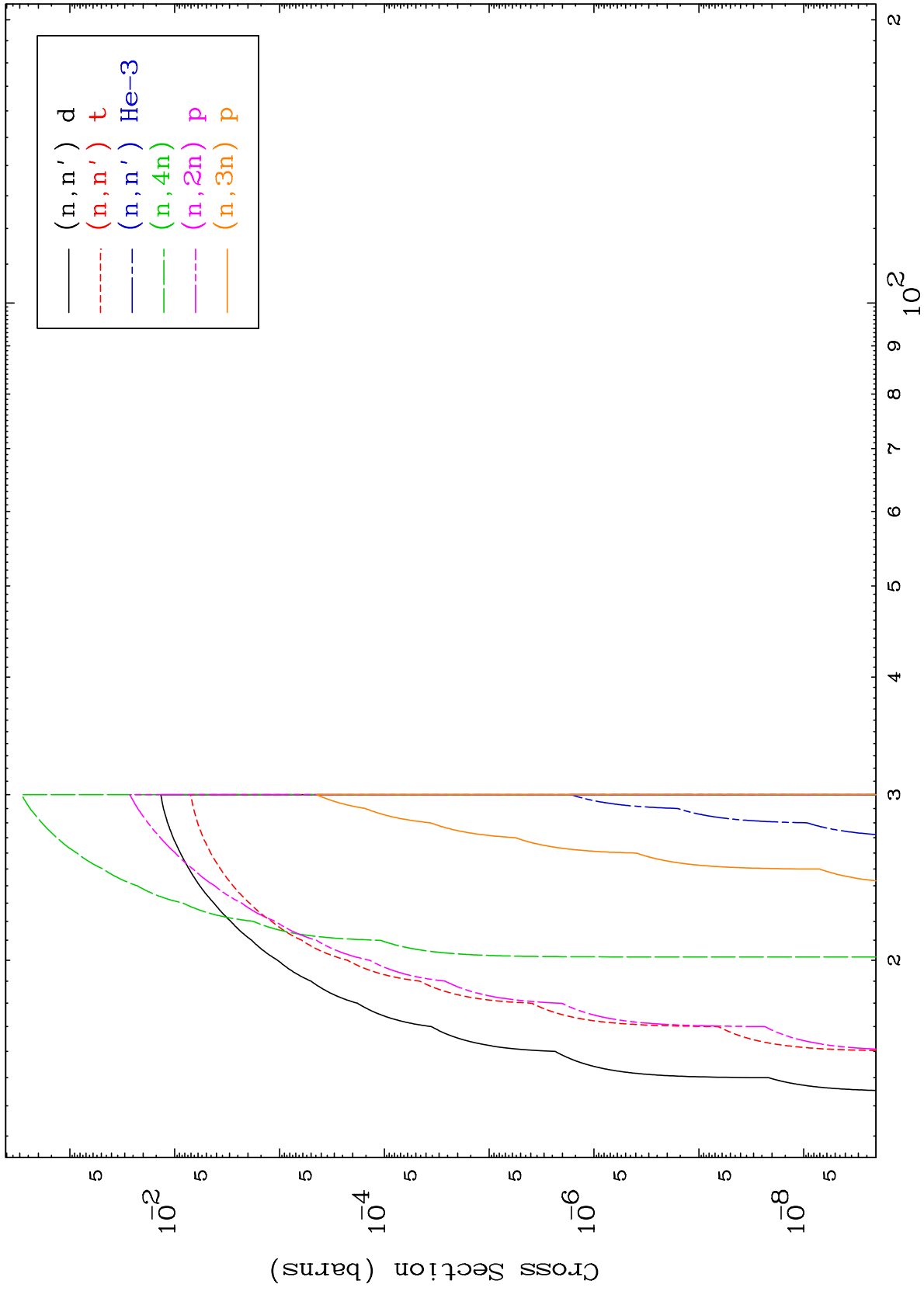
Incident Energy (MeV)

29-Cu-70

MAT 2946

Neutron Production 293 Kelvin Cross Sections

29-Cu-70



3

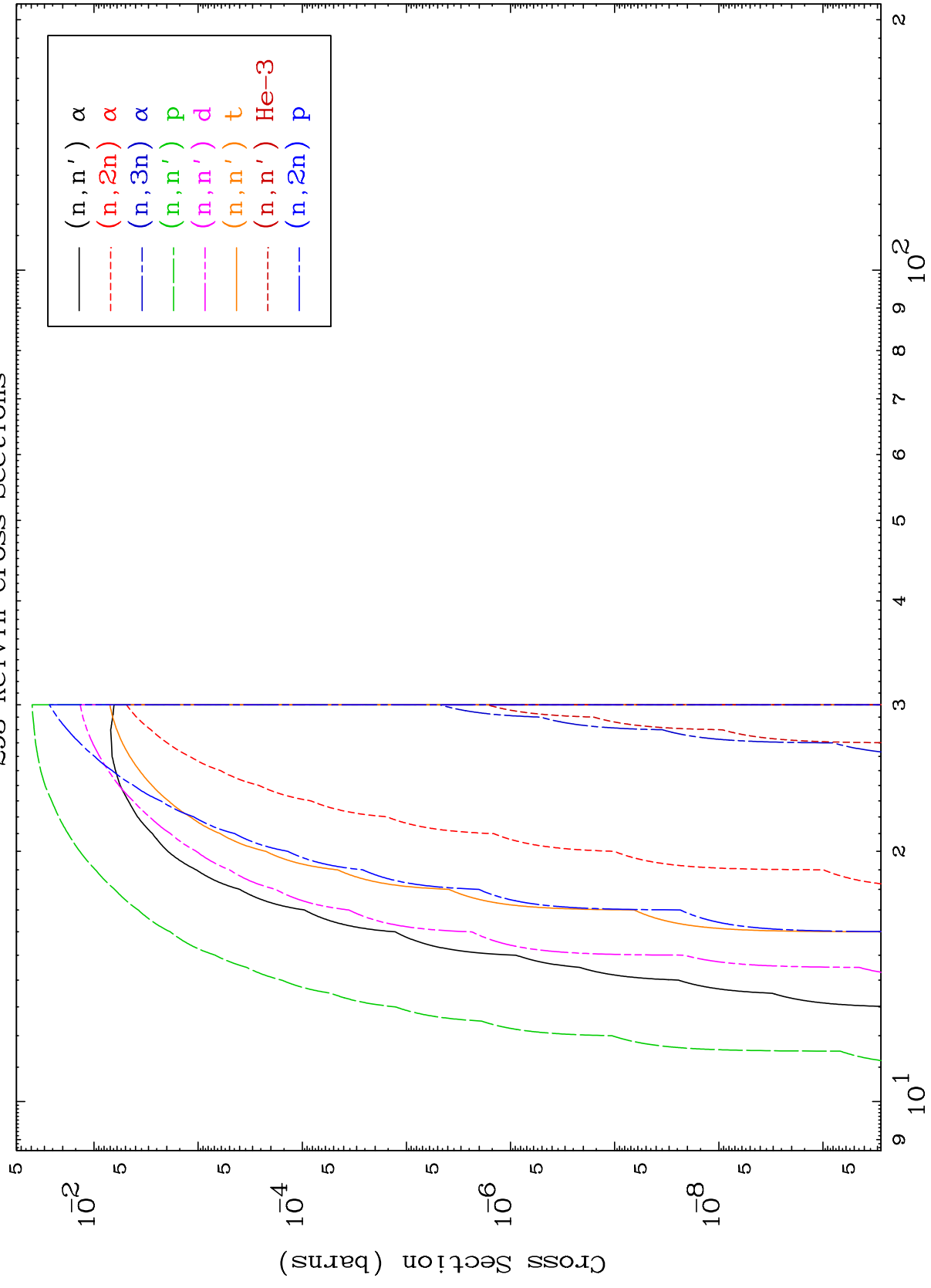
Incident Energy (MeV)

29-Cu-70

MAT 2946

Charged Particle
293 Kelvin Cross Sections

29-Cu-70



29-Cu-70

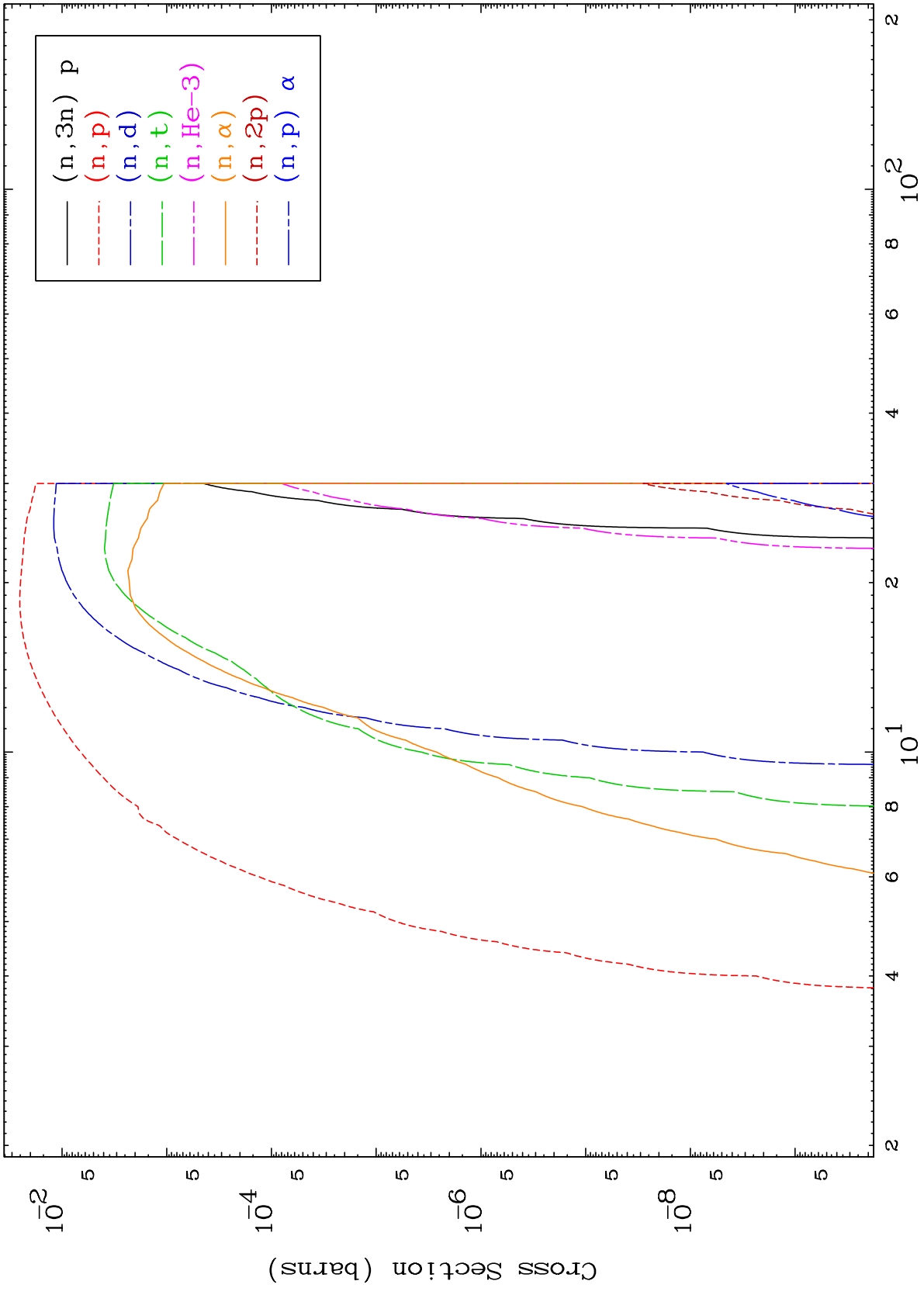
Incident Energy (MeV)

4

MAT 2946

Charged Particle
293 Kelvin Cross Sections

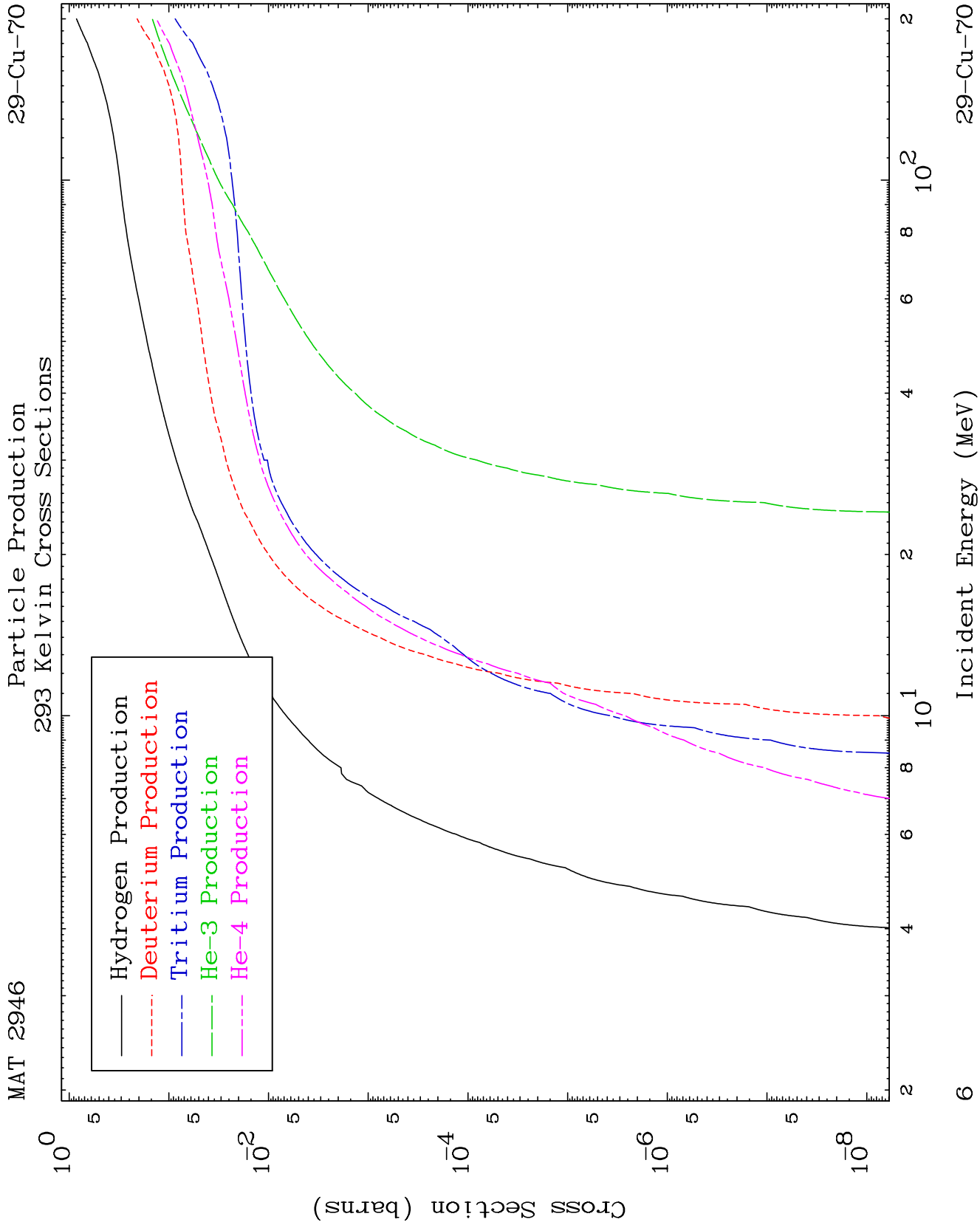
29-Cu-70



5

Incident Energy (MeV)

29-Cu-70

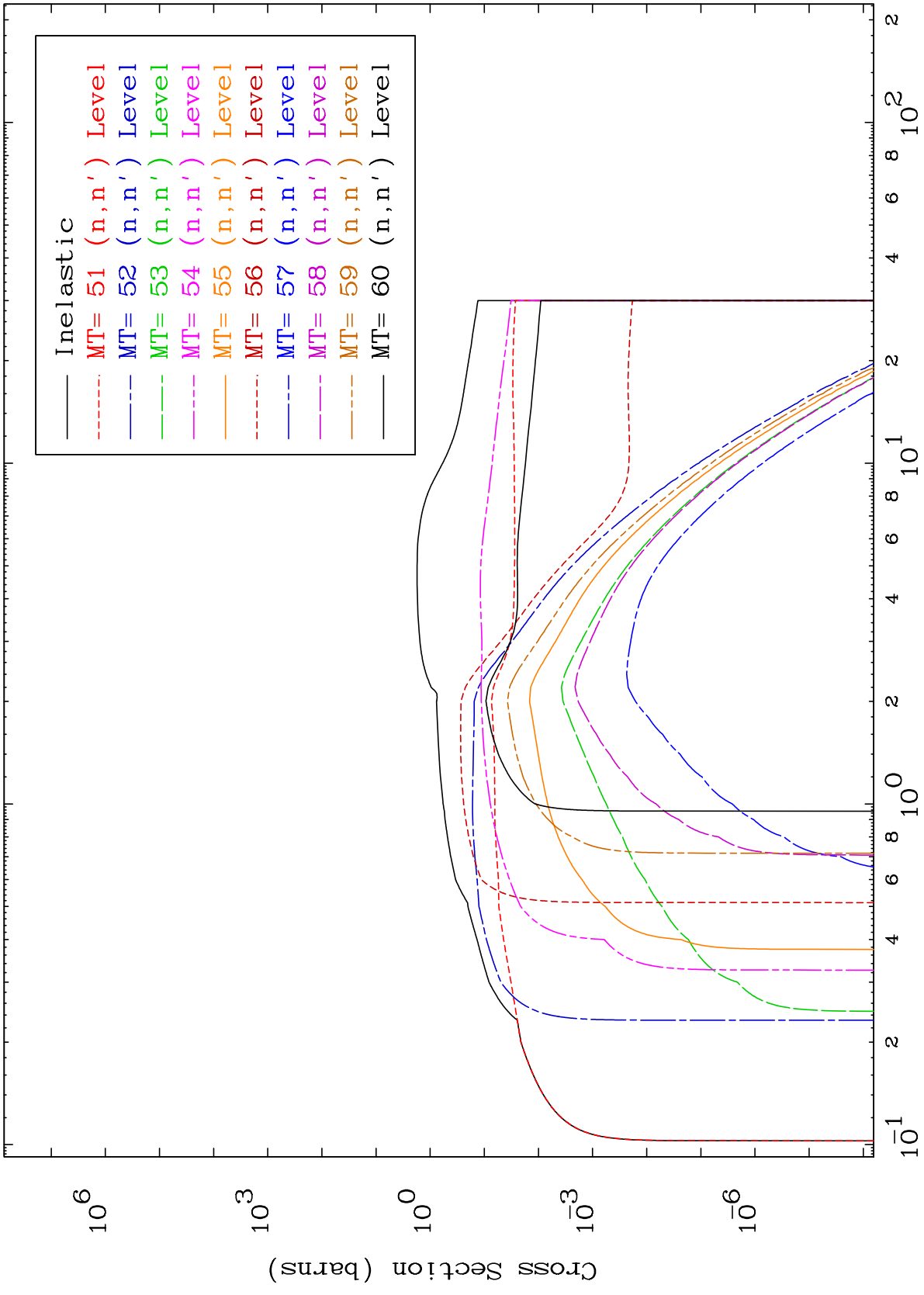


MAT 2946

(n,n') Level

29-Cu-70

293 Kelvin Cross Sections



Incident Energy (MeV)

29-Cu-70

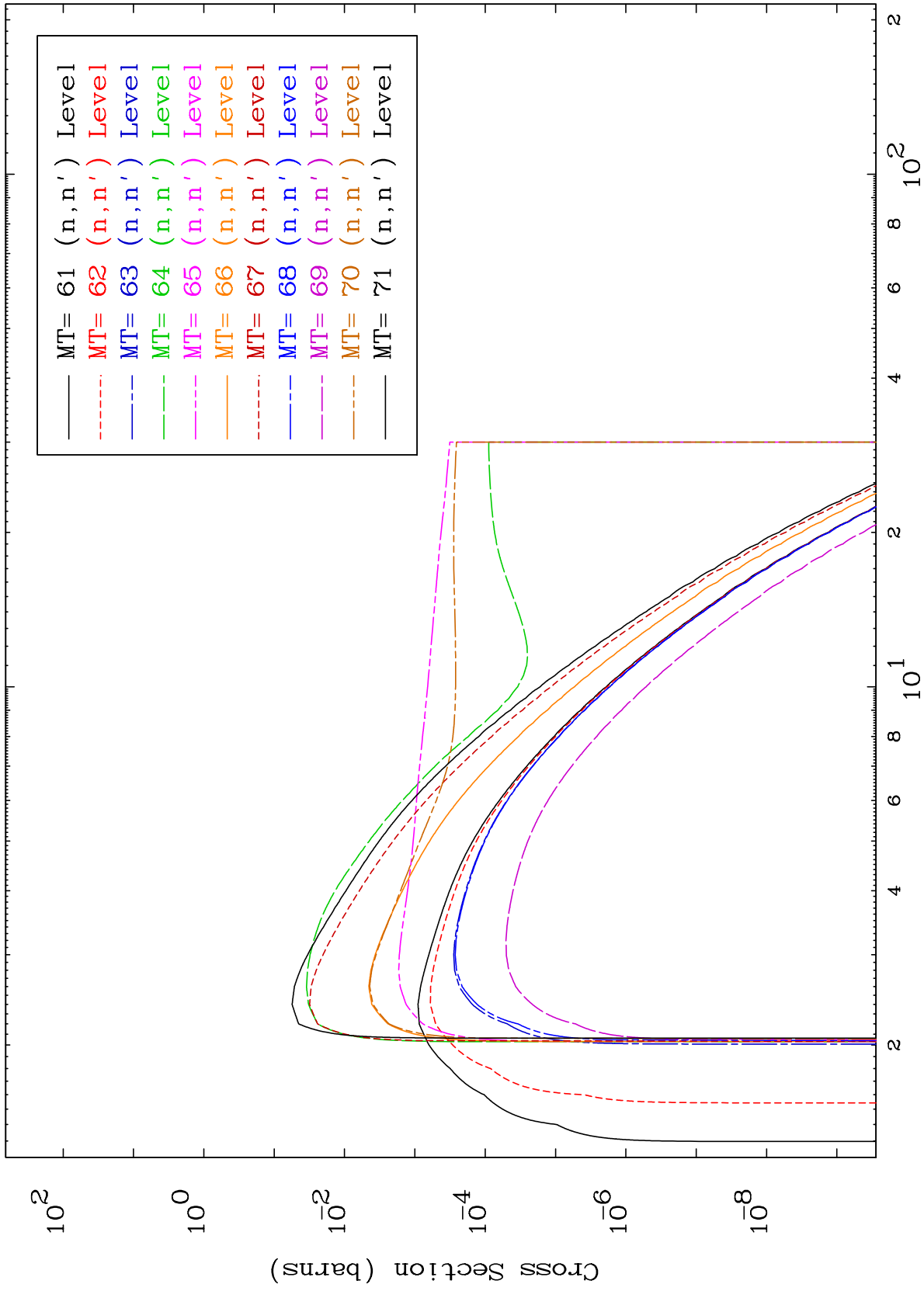
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MAT 2946

(n,n') Level

29-Cu-70

293 Kelvin Cross Sections



8

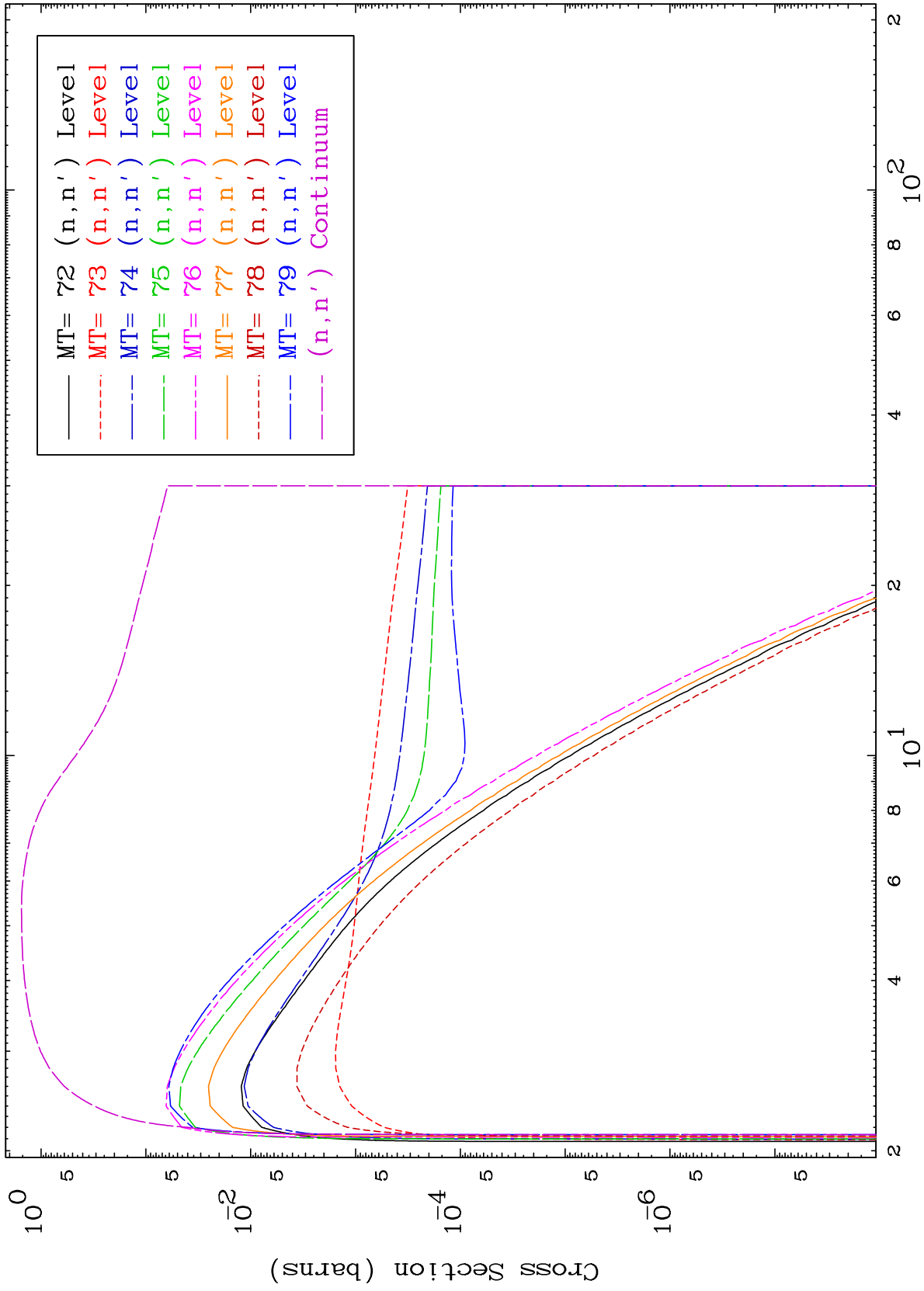
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n,n') Level
293 Kelvin Cross Sections

29-Cu-70

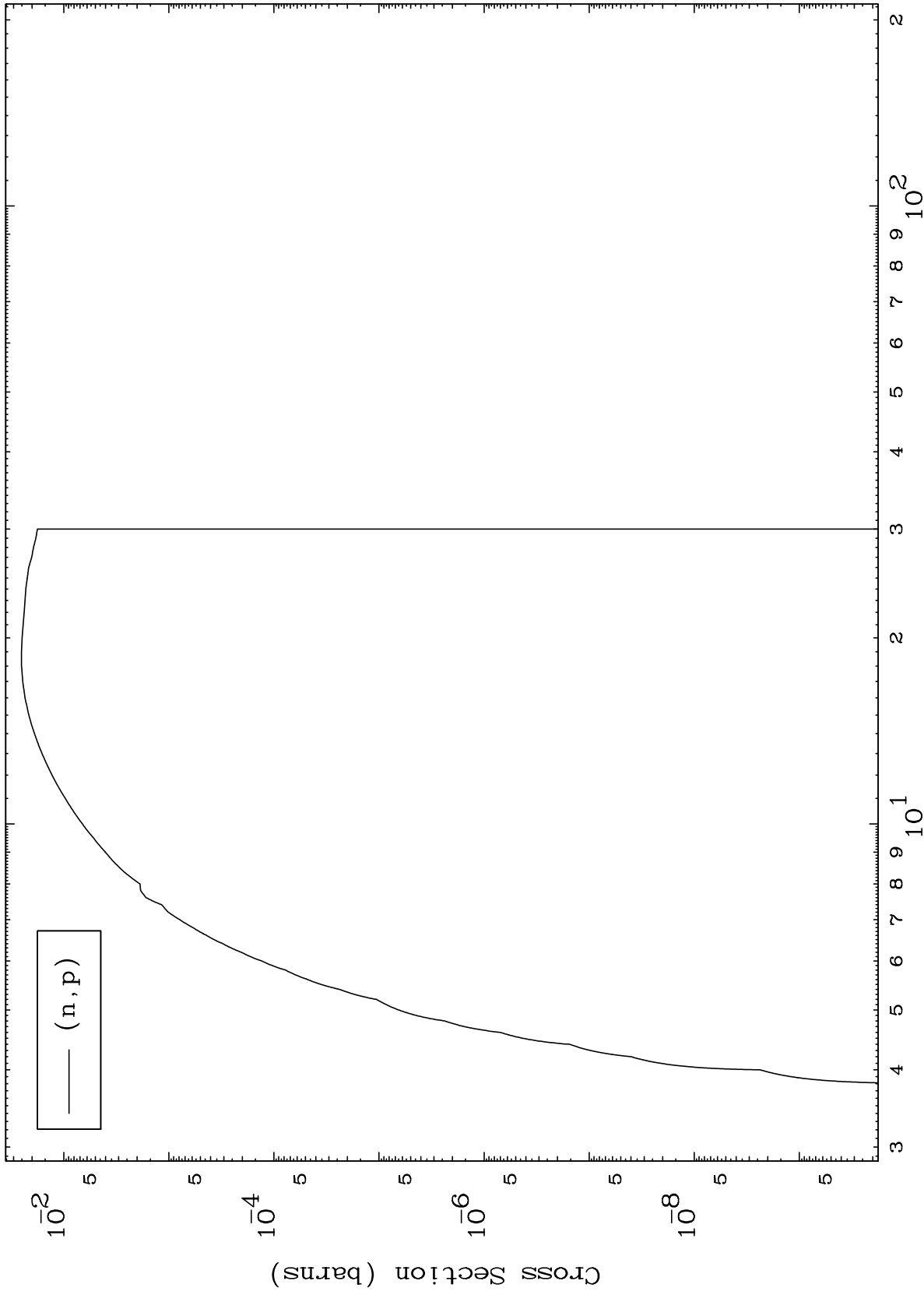


9

MAT 2946

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-70



10

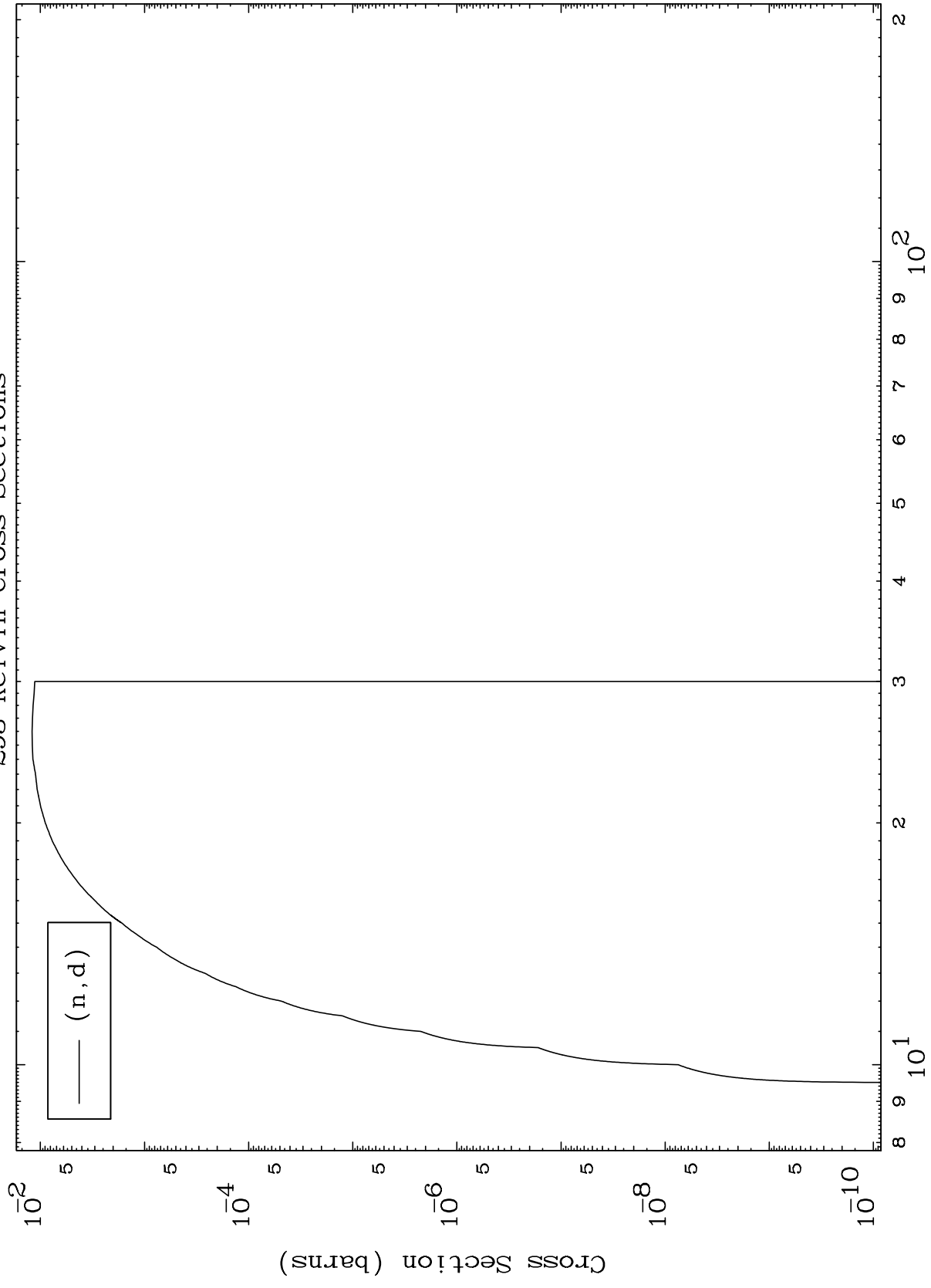
Incident Energy (MeV)

29-Cu-70

MAT 2946

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-70

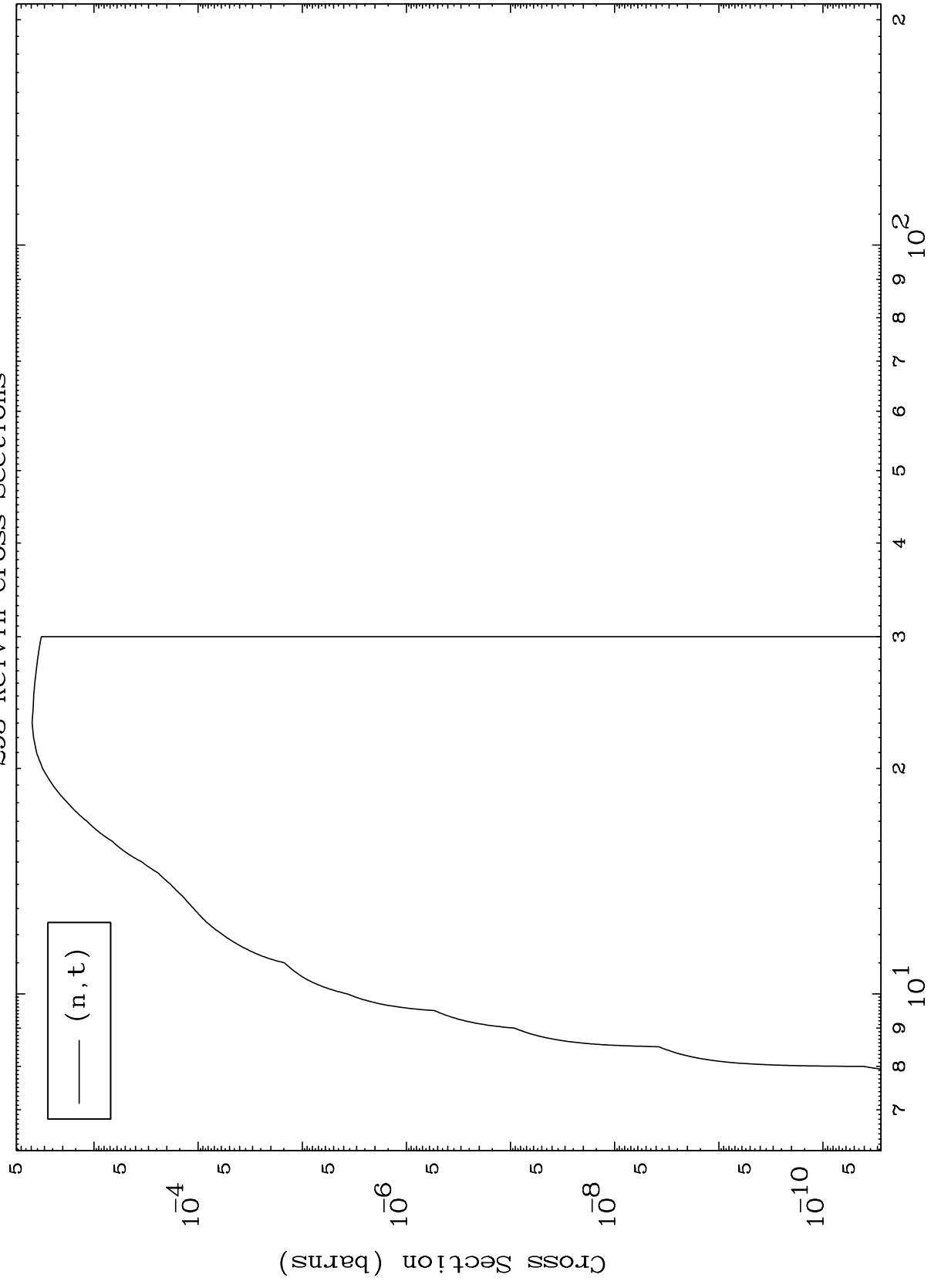


29-Cu-70

MAT 2946

(n,t) Levels
293 Kelvin Cross Sections

29-Cu-70



12

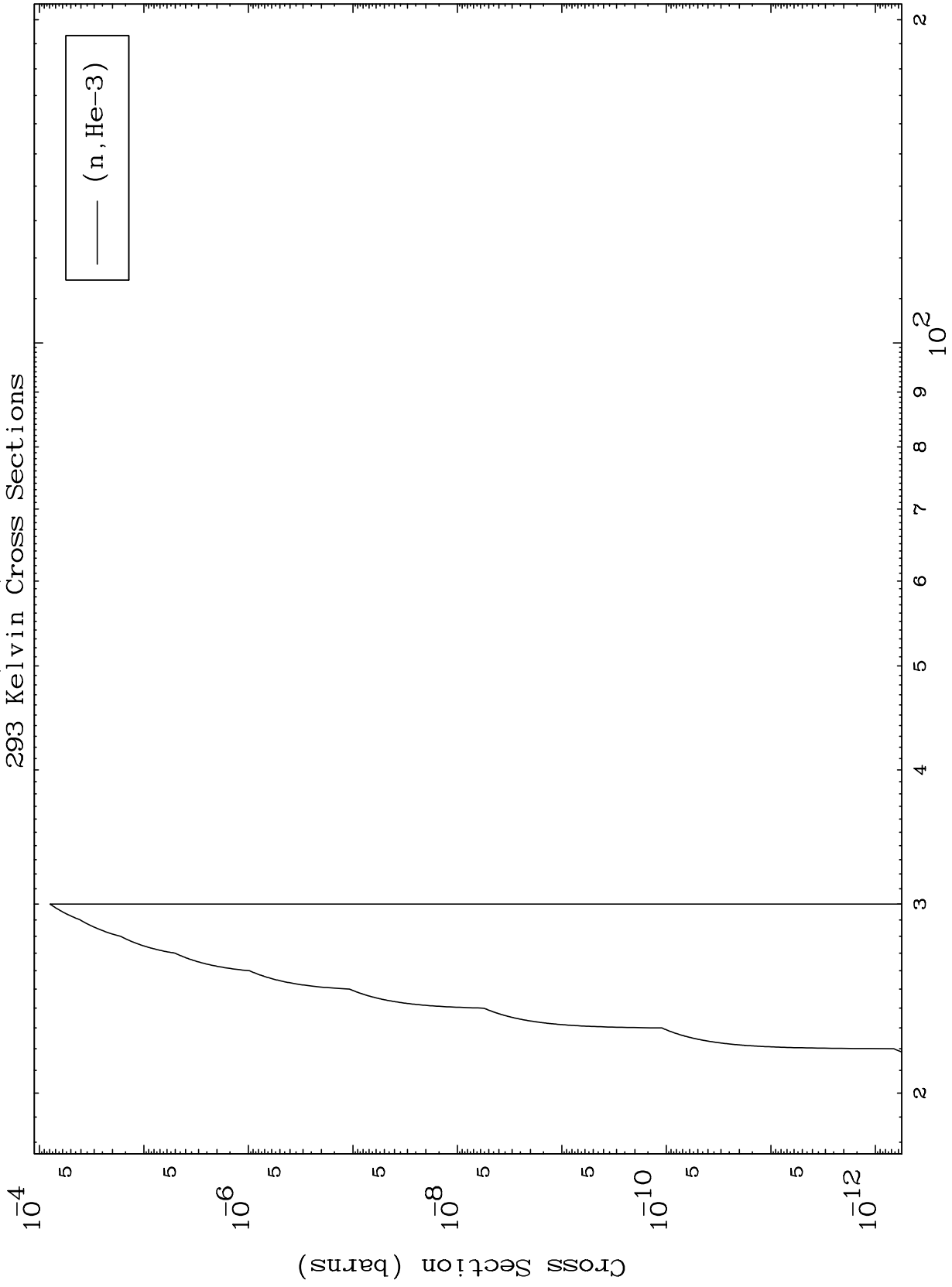
Incident Energy (MeV)

29-Cu-70

MAT 2946

29-Cu-70

(n,He3) Levels
293 Kelvin Cross Sections



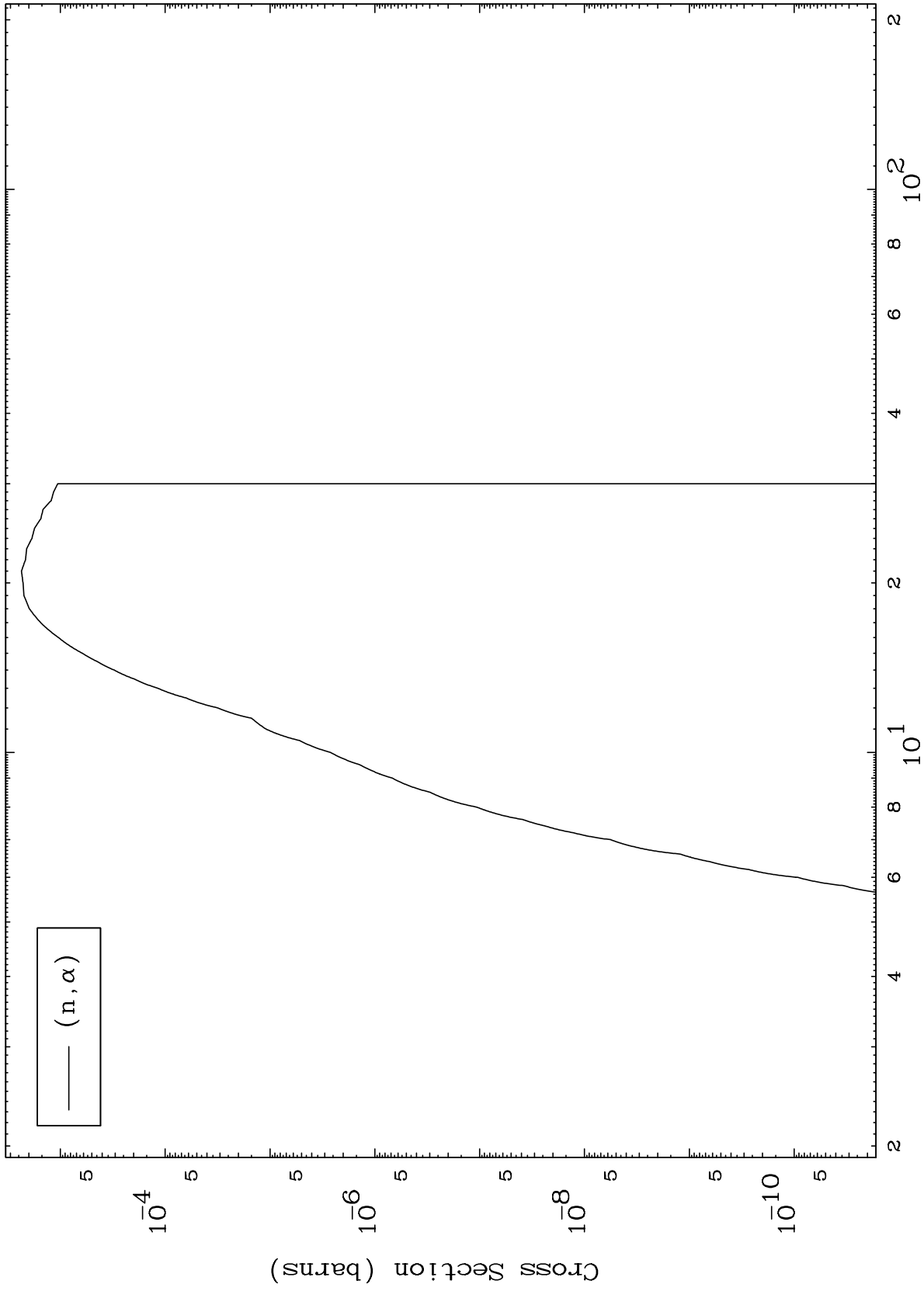
13

29-Cu-70

MAT 2946

(n,α) Levels
293 Kelvin Cross Sections

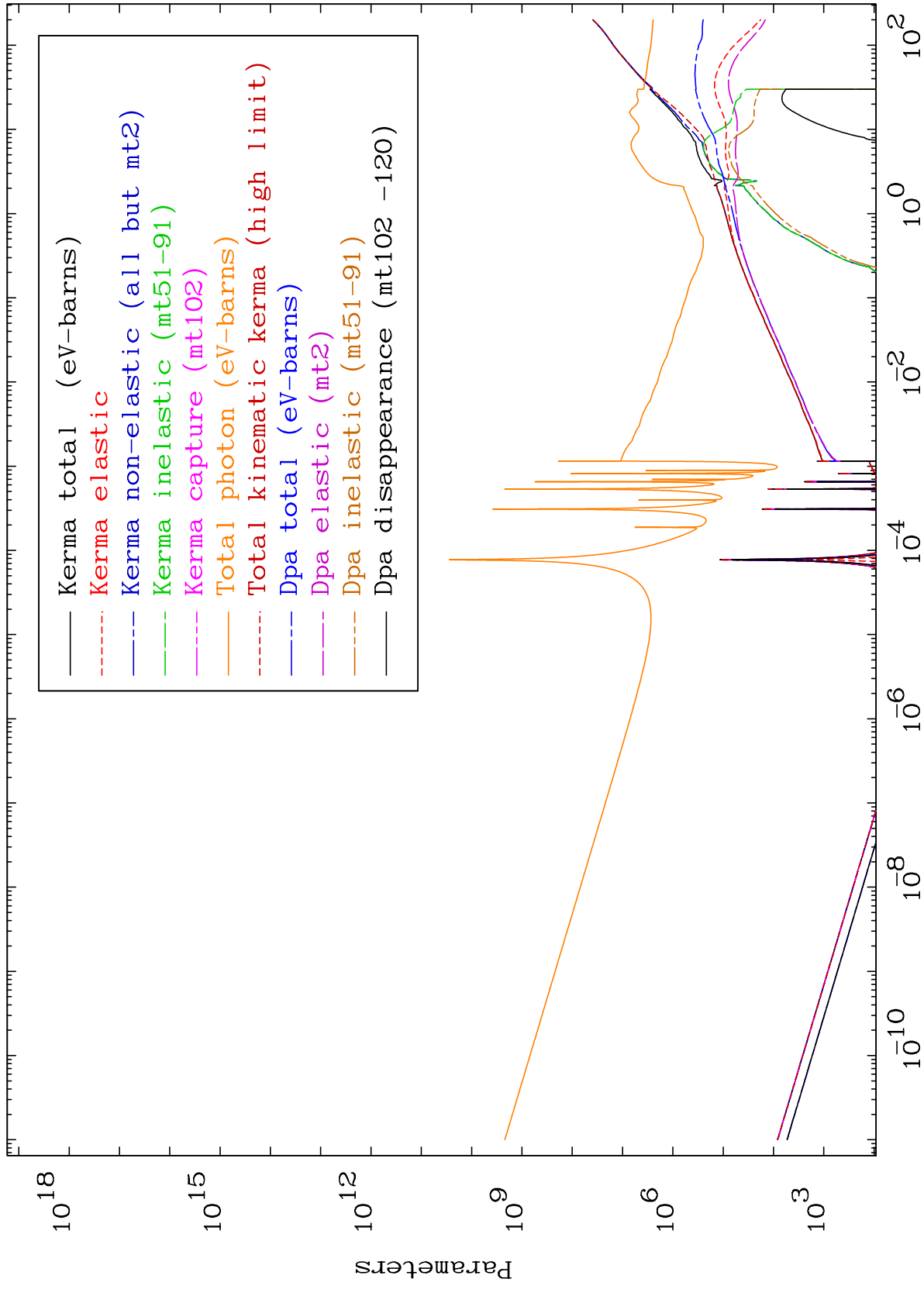
29-Cu-70

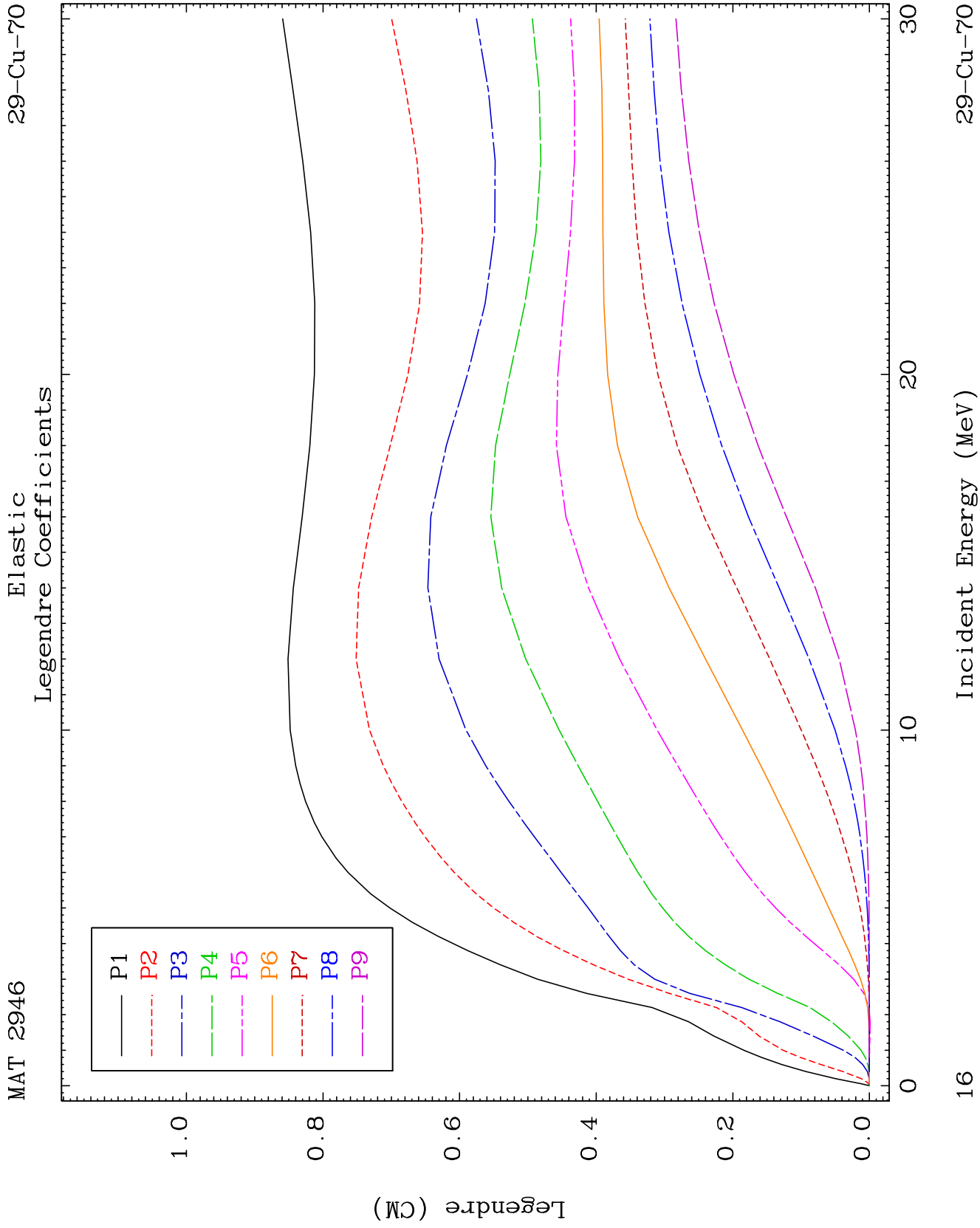


14

Incident Energy (MeV)

29-Cu-70

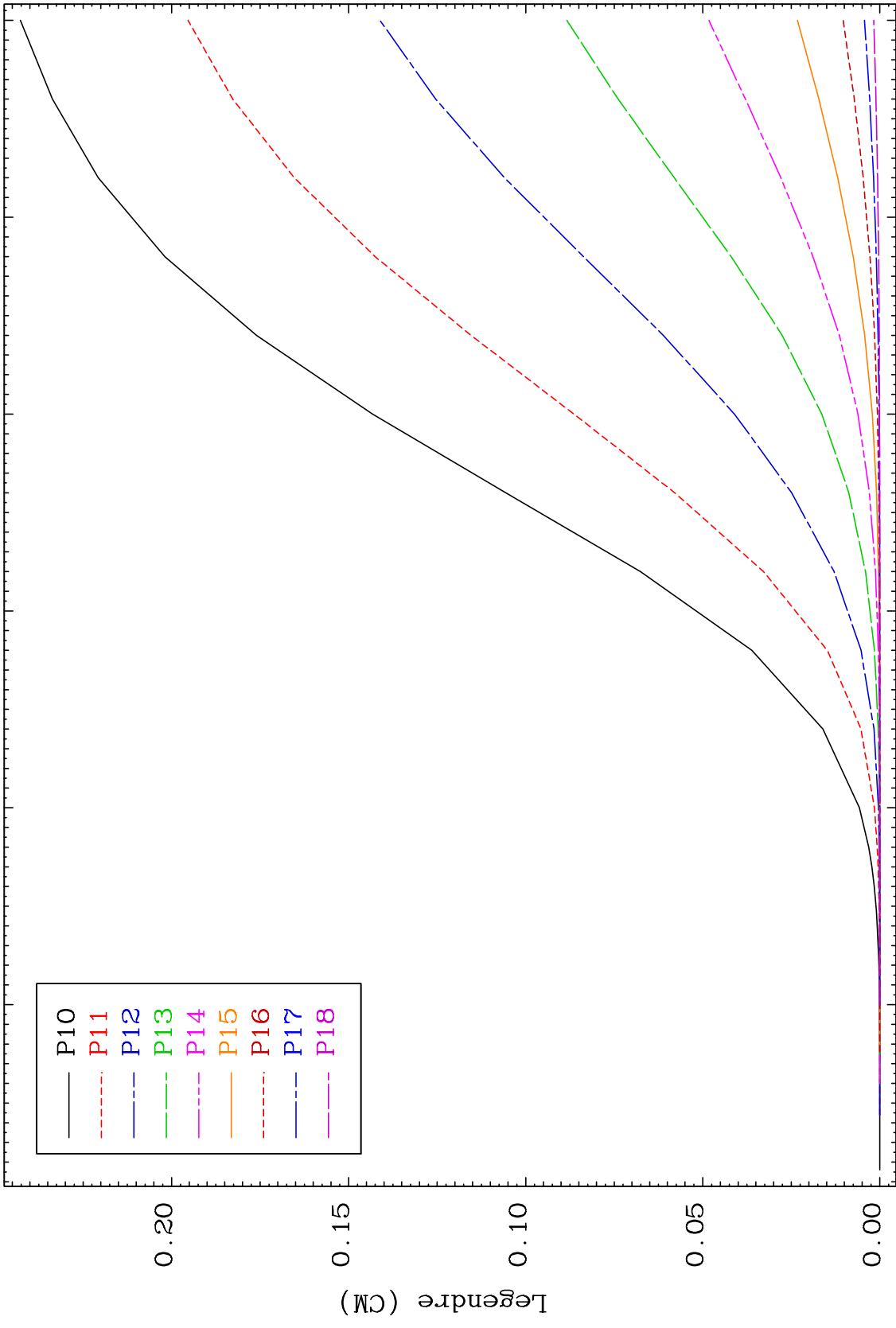




MAT 2946

Elastic Legendre Coefficients

29-Cu-70



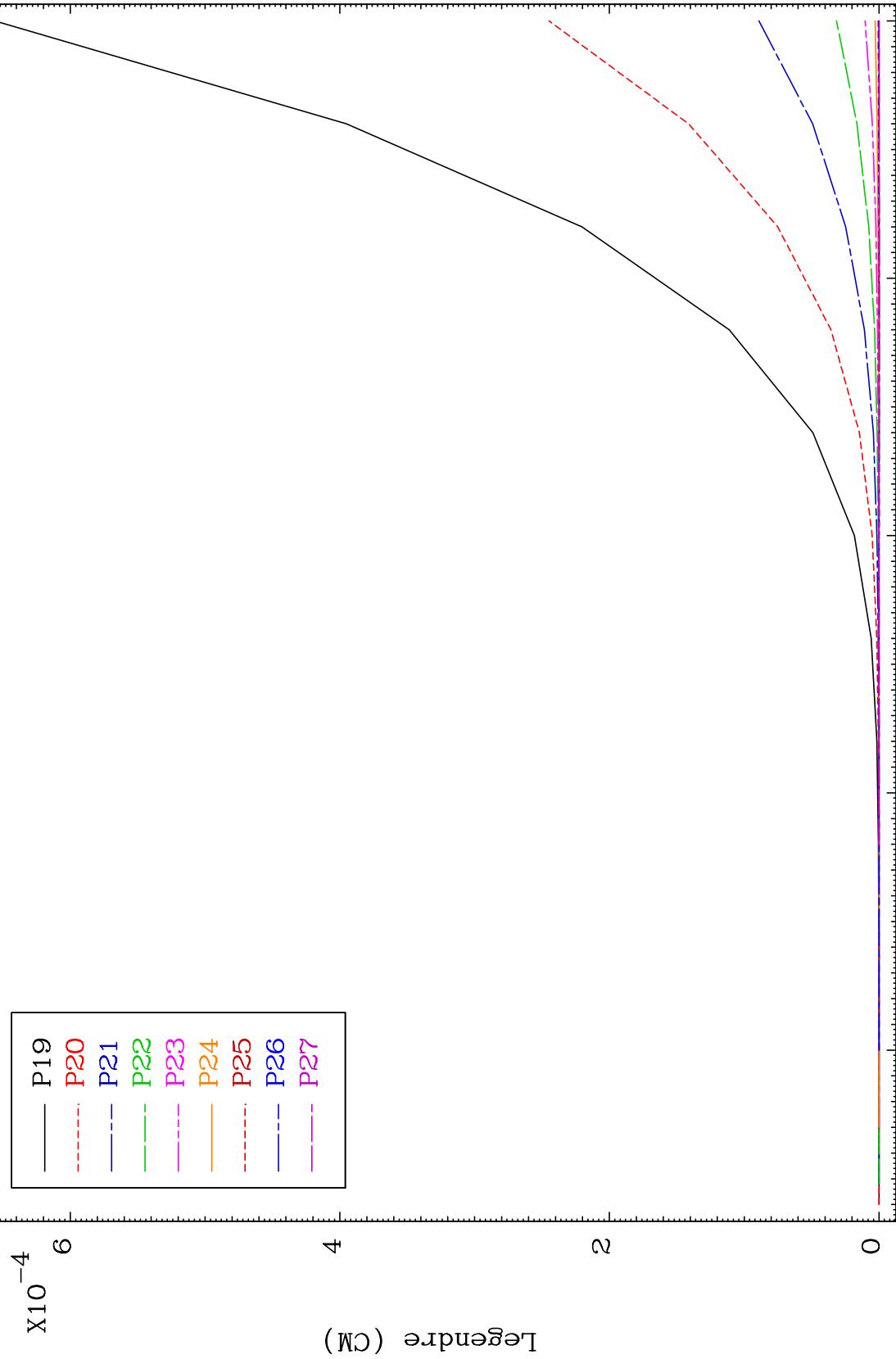
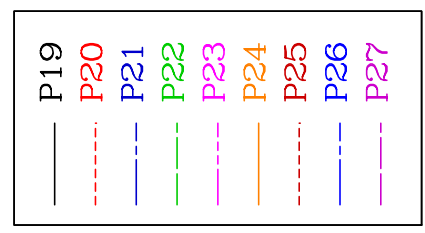
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29-Cu-70

MAT 2946

Elastic Legendre Coefficients

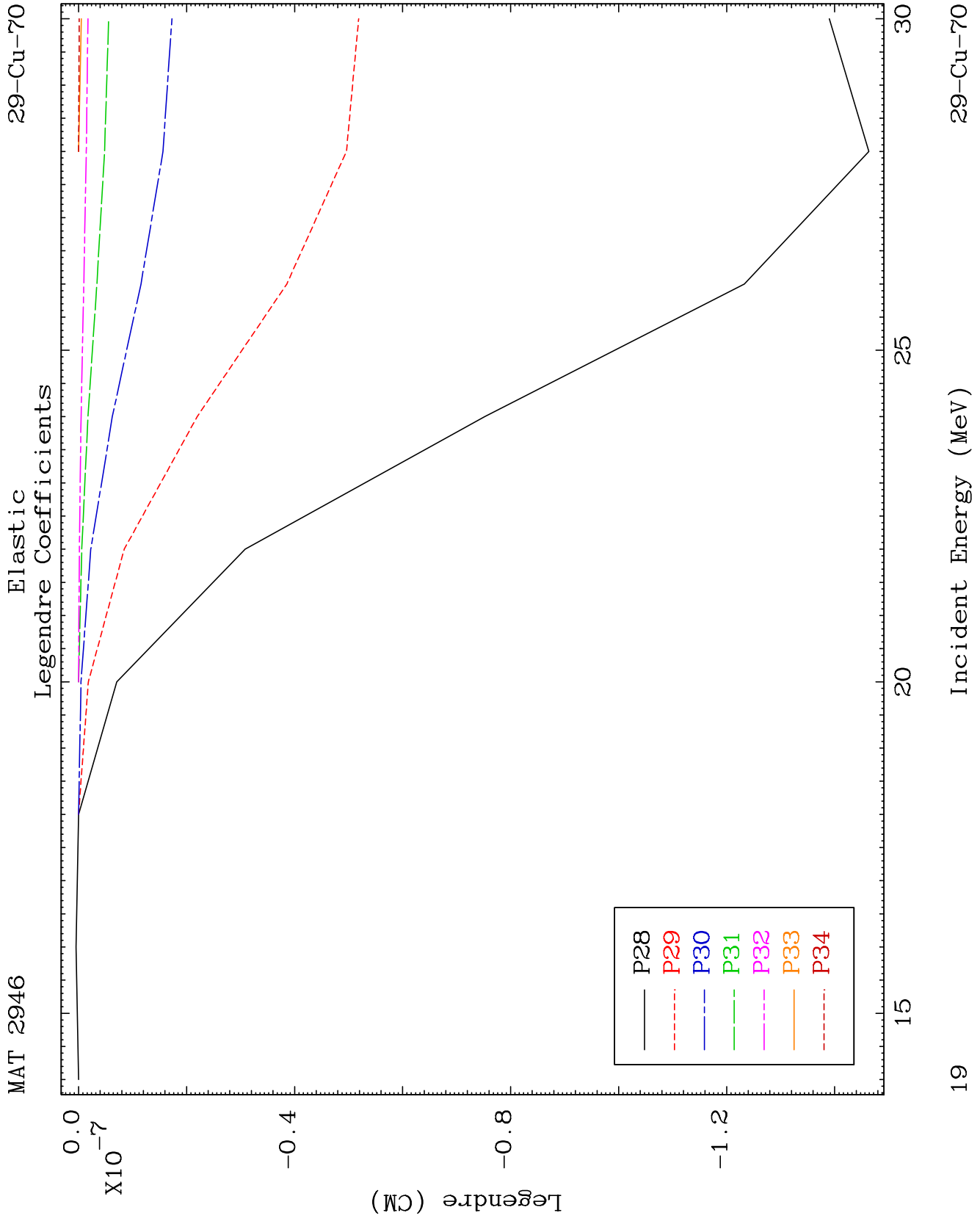
²⁹Cu-70



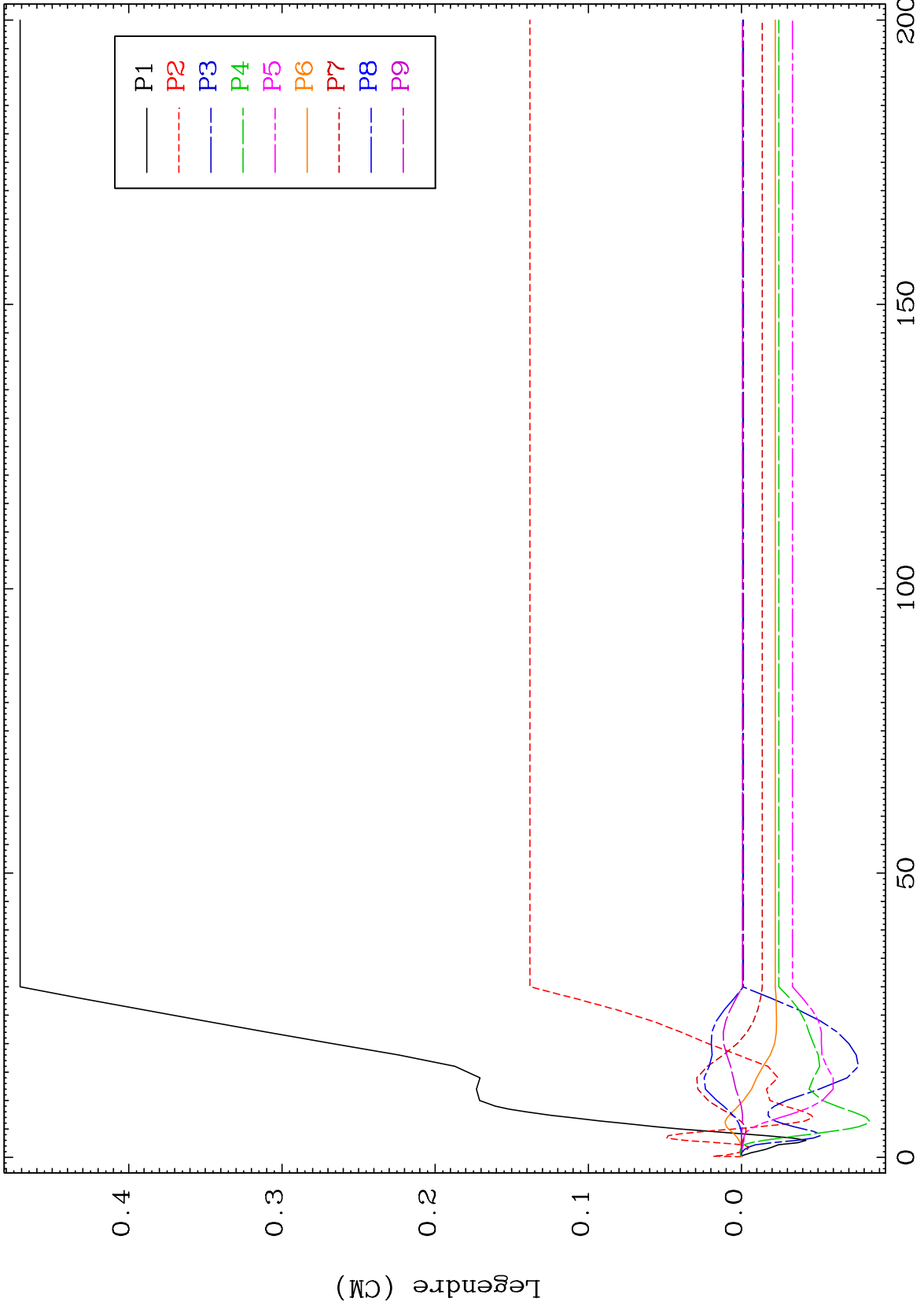
18

Incident Energy (MeV)

²⁹Cu-70

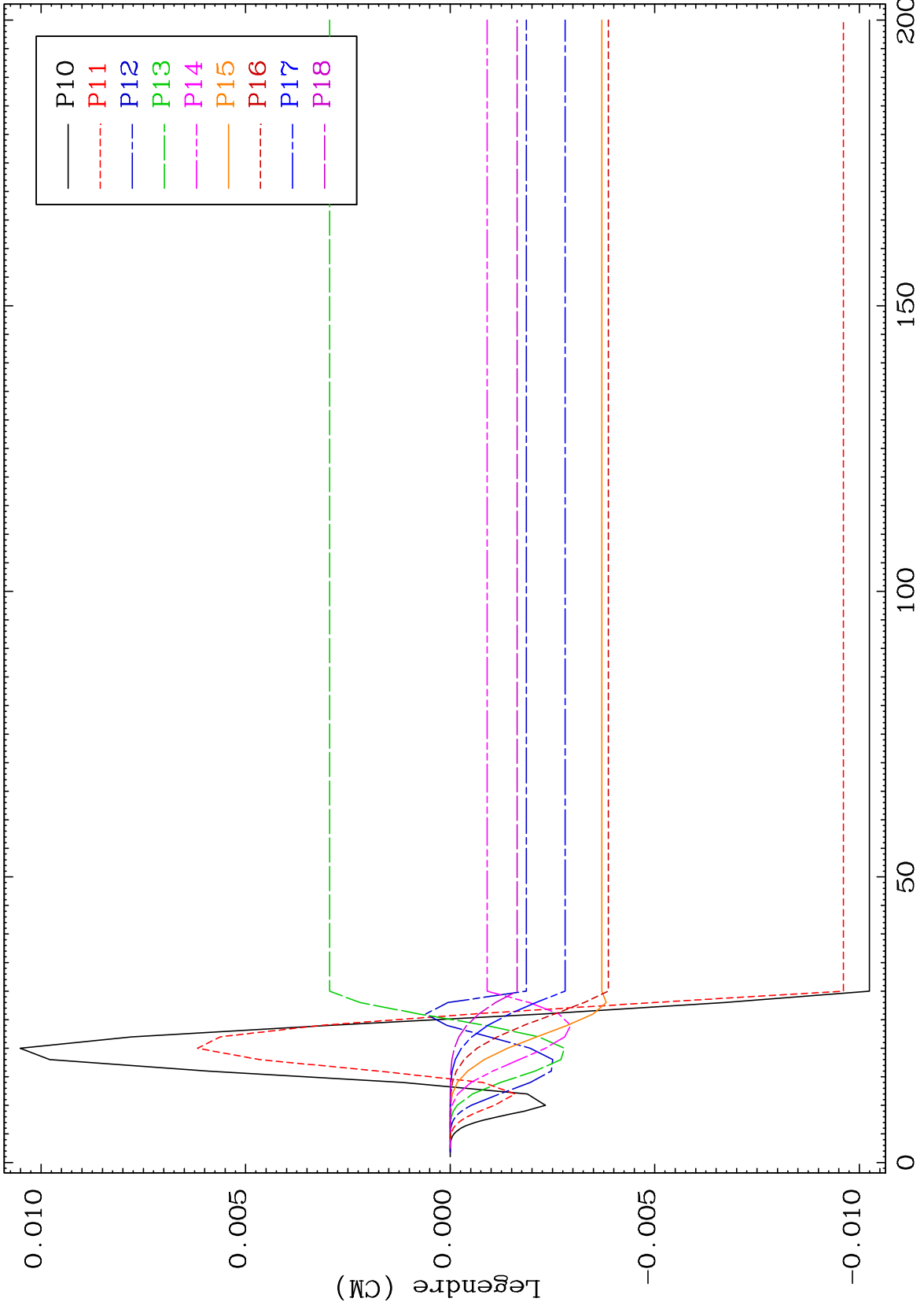


MAT 2946 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-70



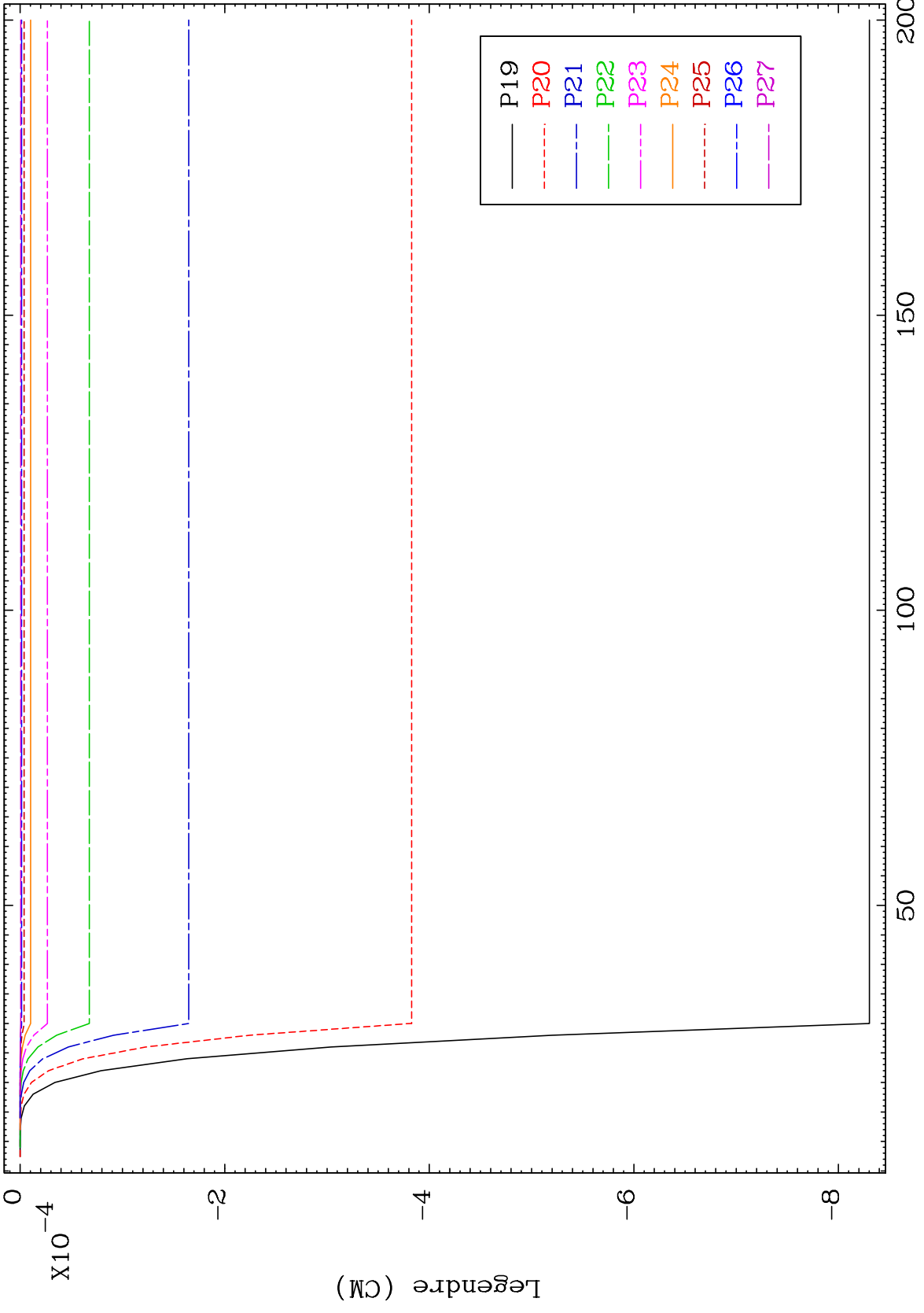
29-Cu-70

MAT 2946 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-70

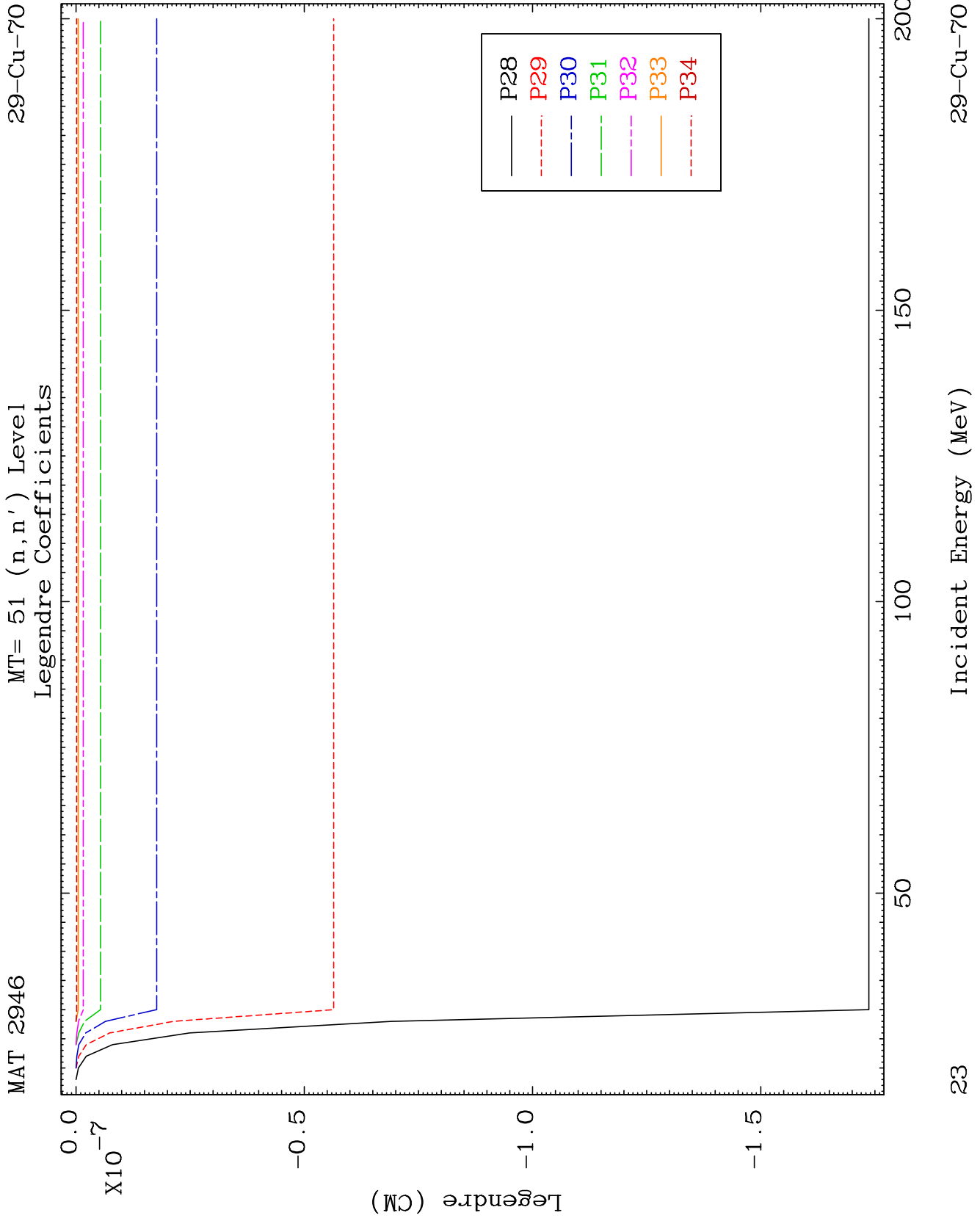


21 29-Cu-70

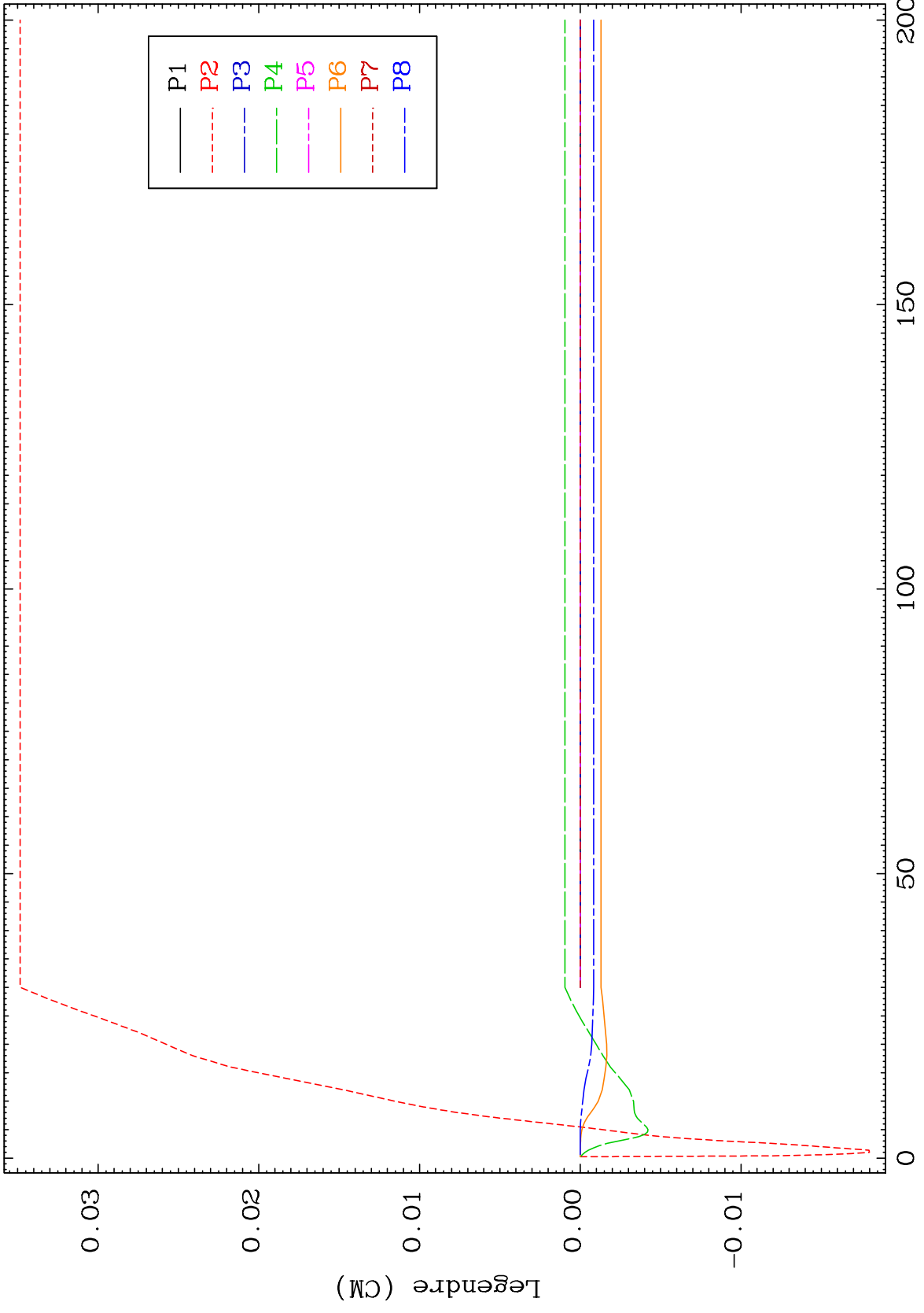
MAT 2946 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-70



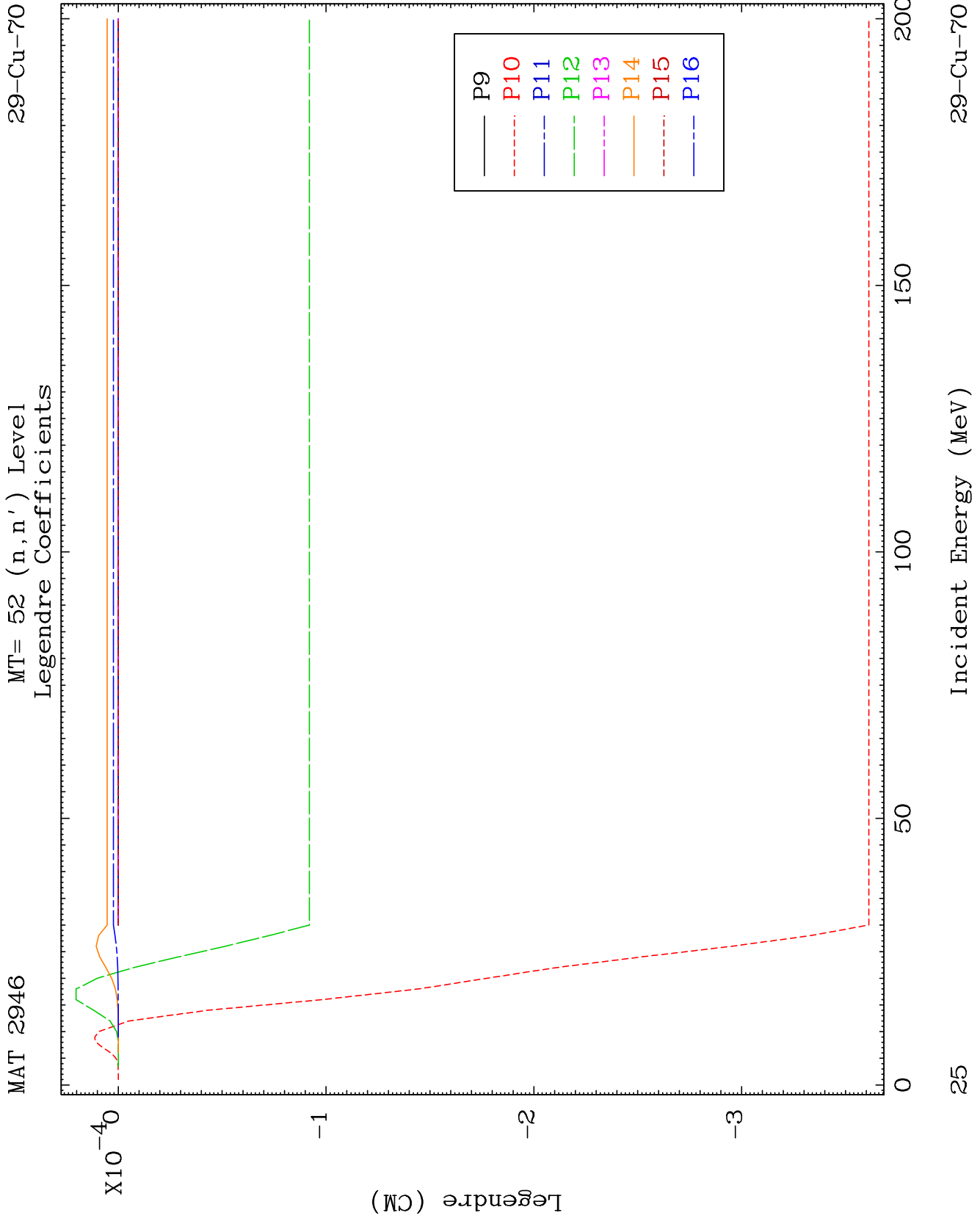
22 Incident Energy (MeV) 29-Cu-70



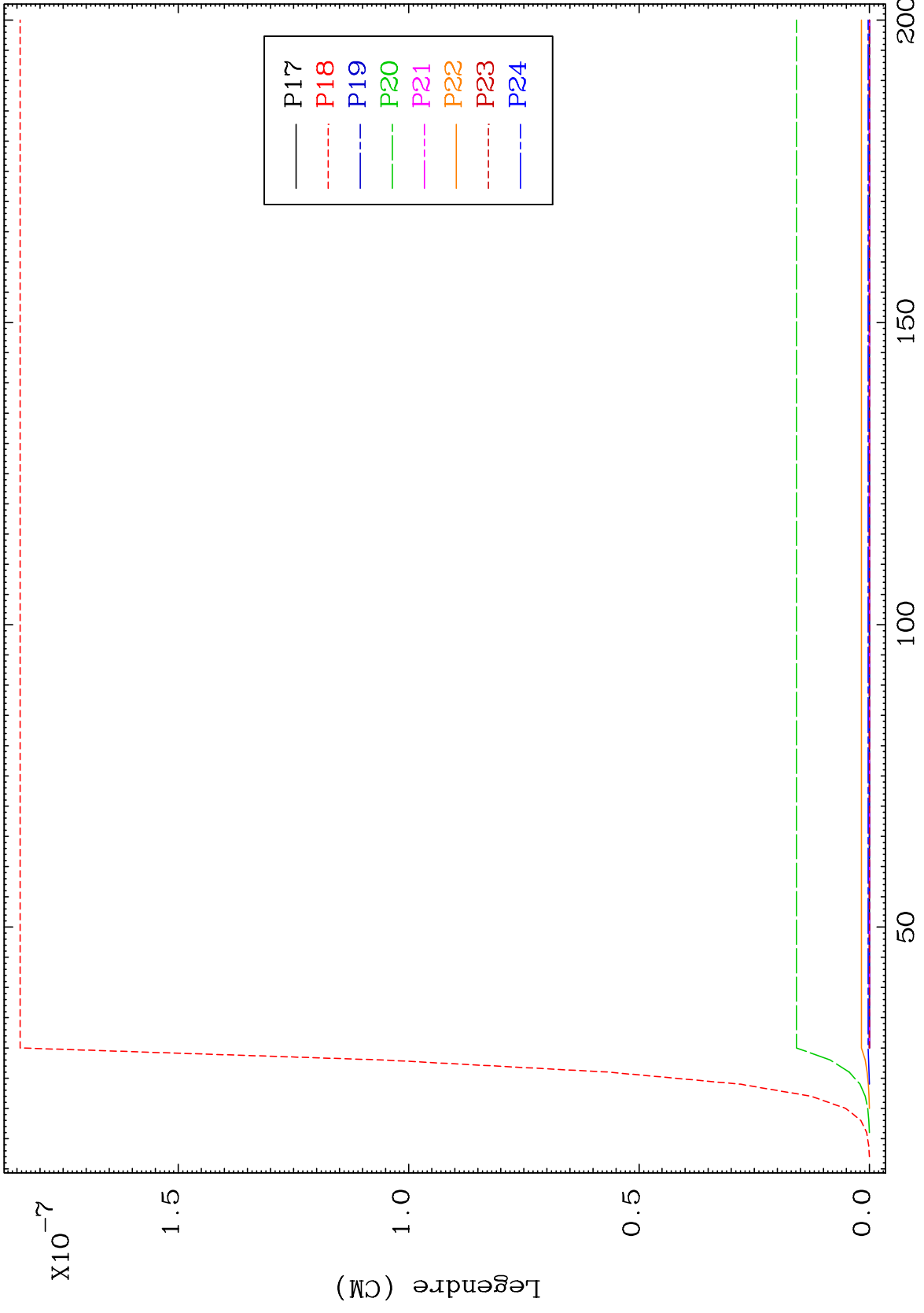
MAT 2946 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-70



24 29-Cu-70

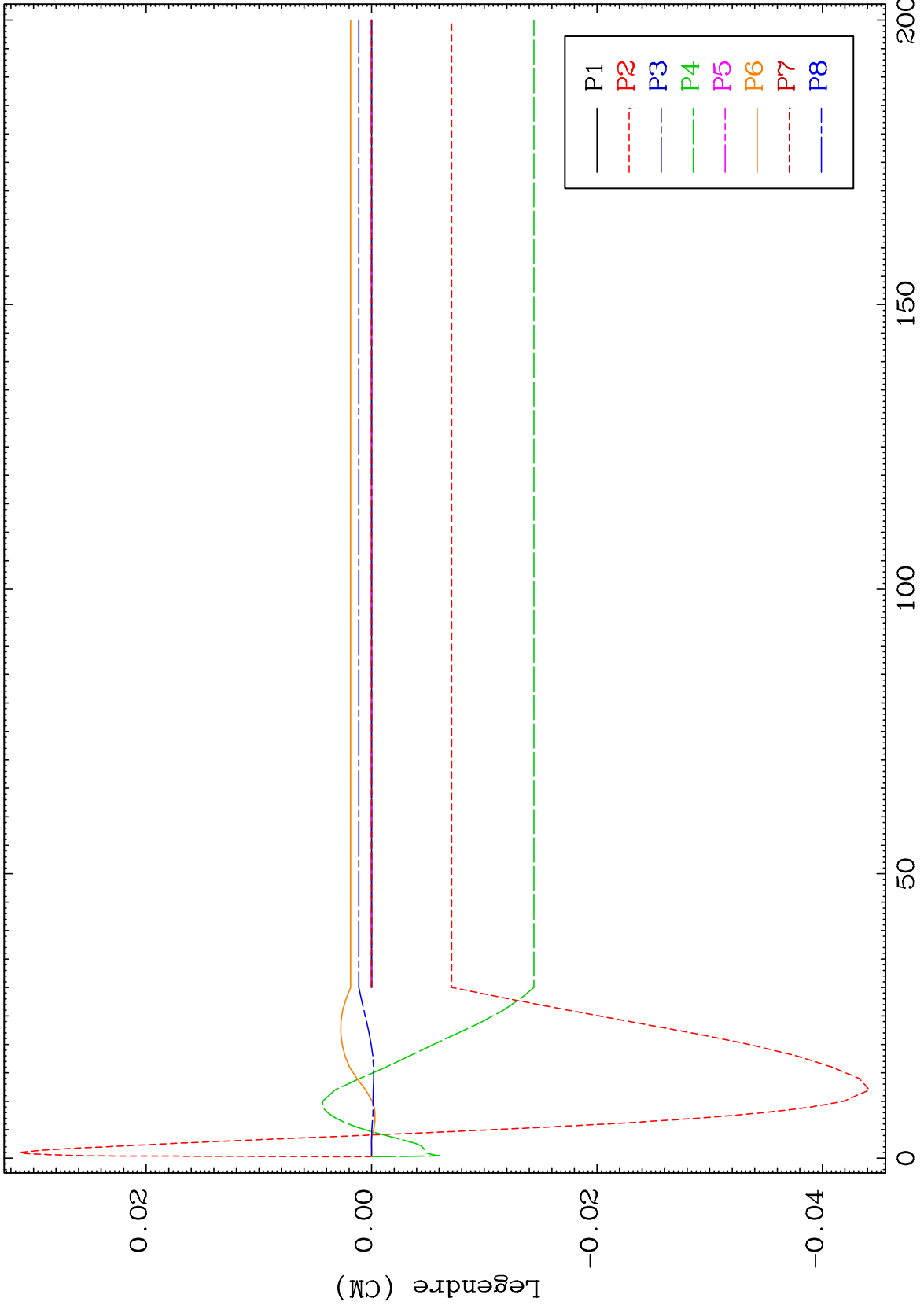


MAT 2946 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-70



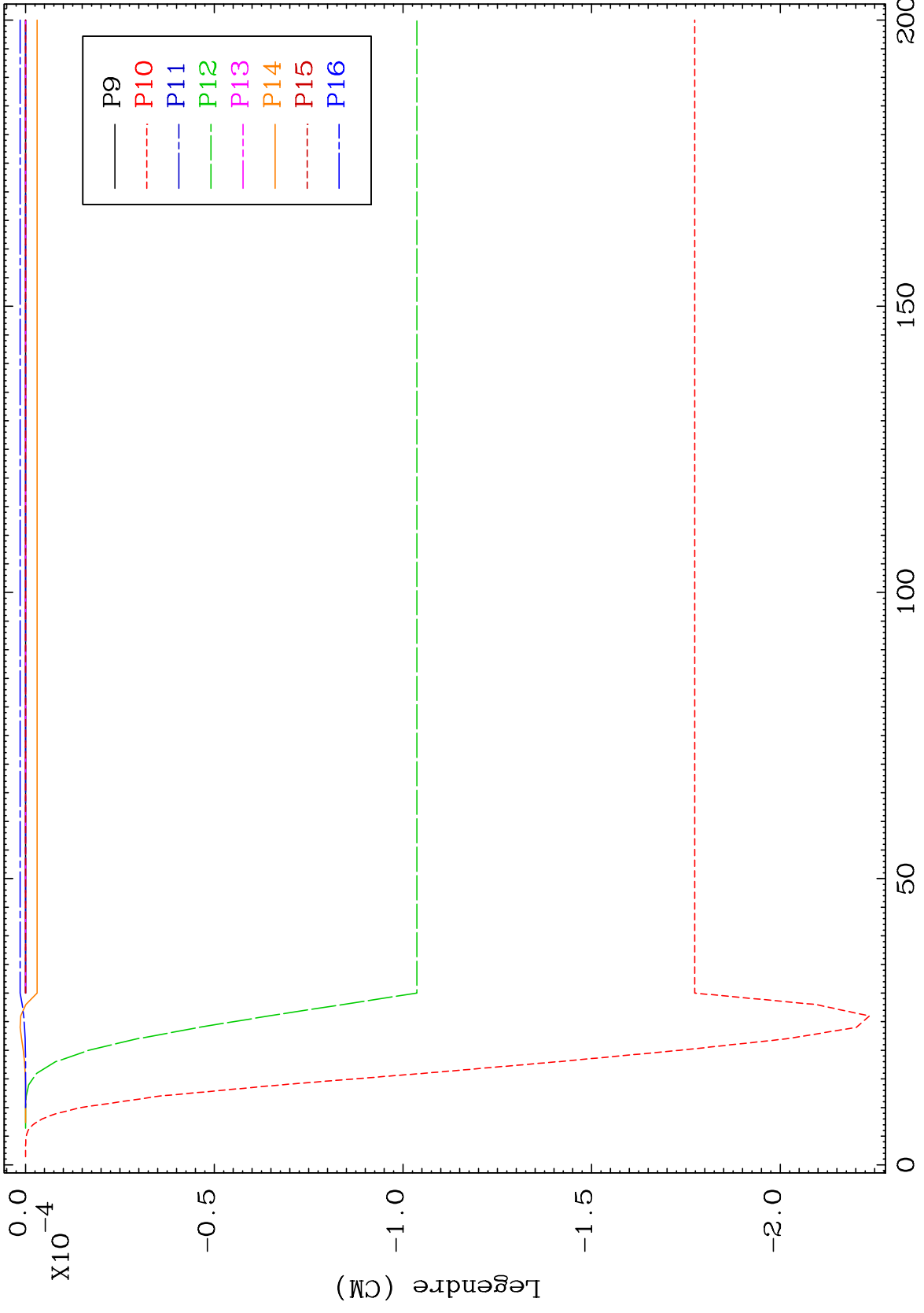
26 Incident Energy (MeV) 200 29-Cu-70

MAT 2946 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-70



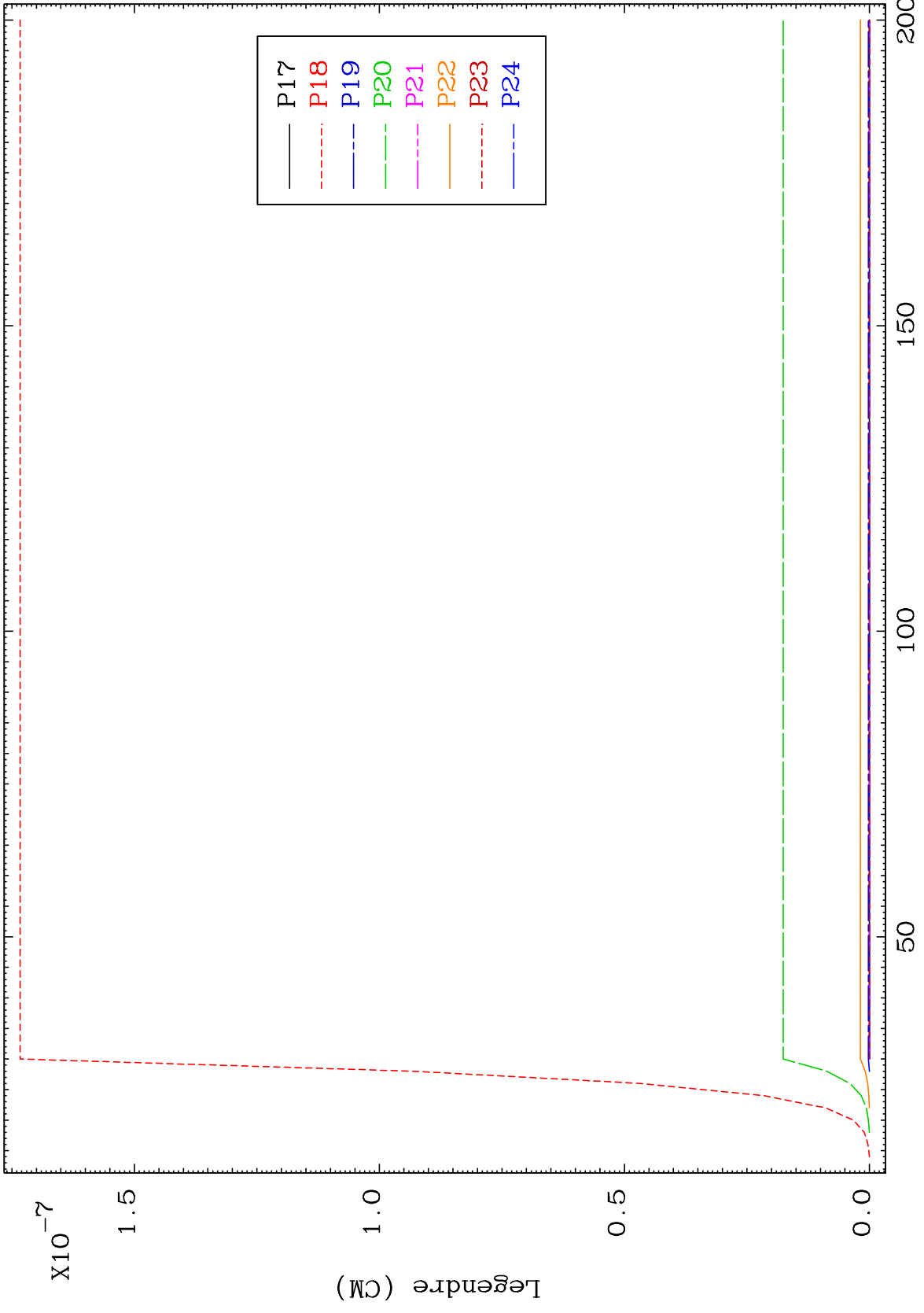
27 29-Cu-70

MAT 2946 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-70



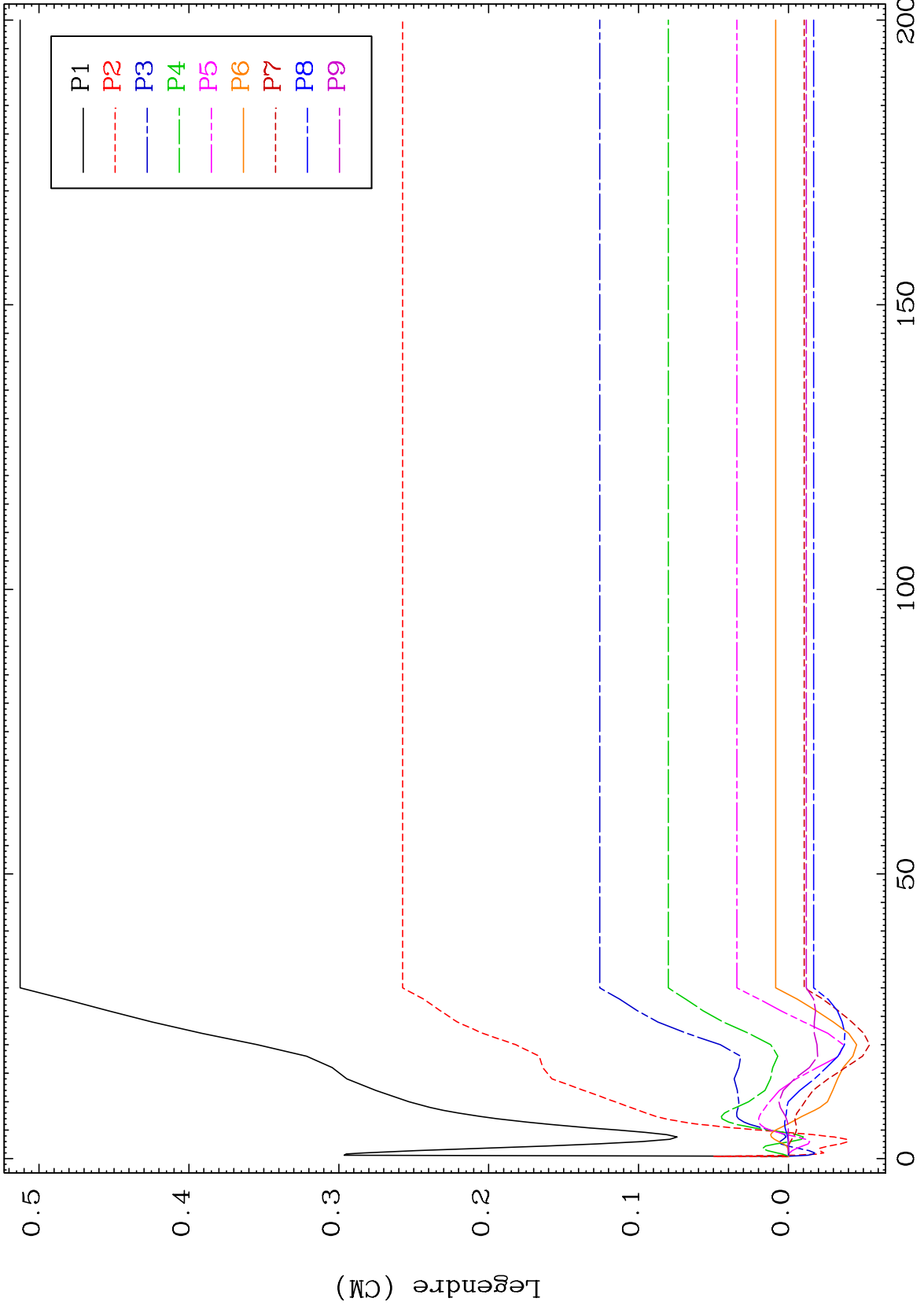
28 29-Cu-70

MAT 2946 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-70



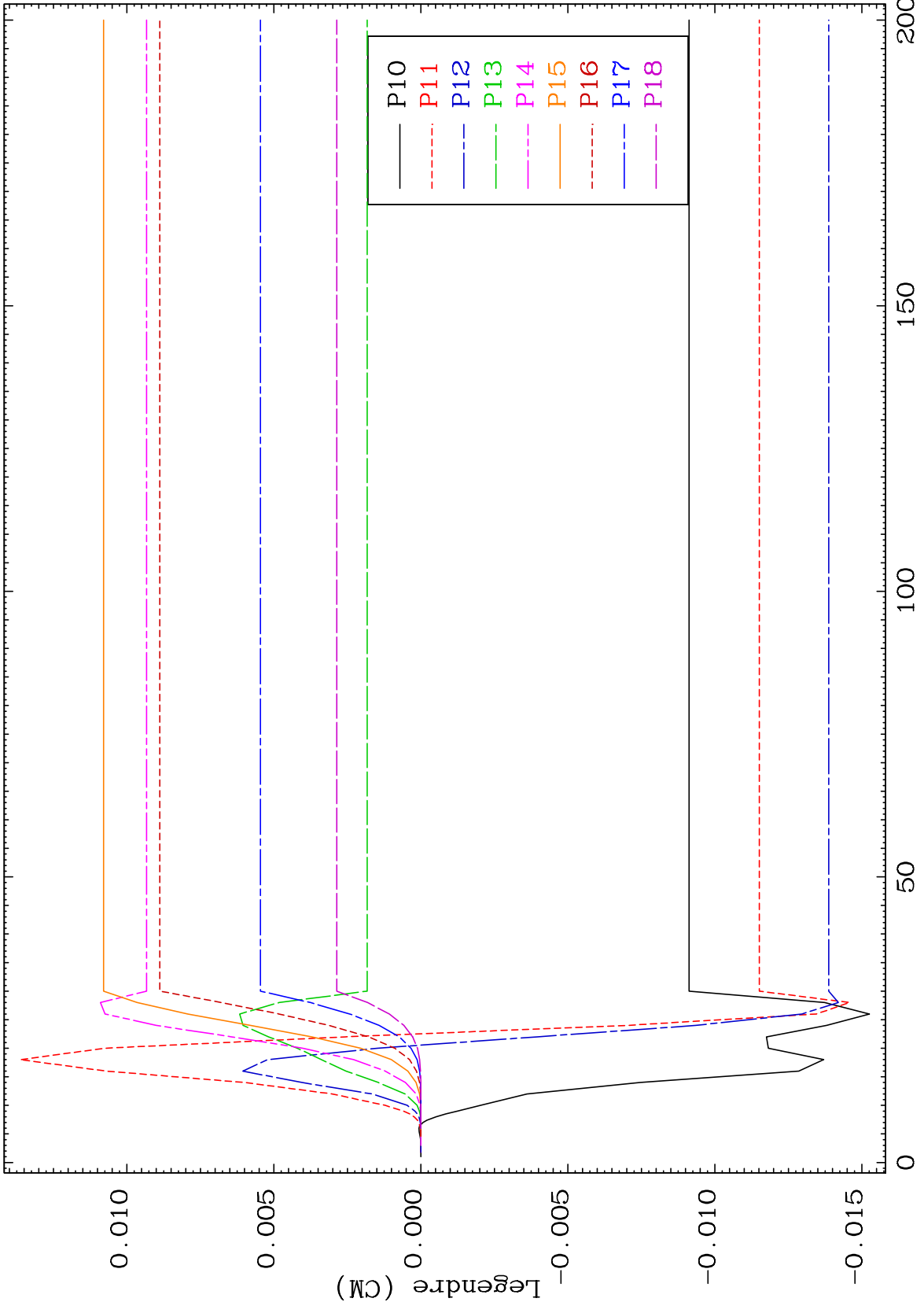
29-Cu-70

MAT 2946 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-70



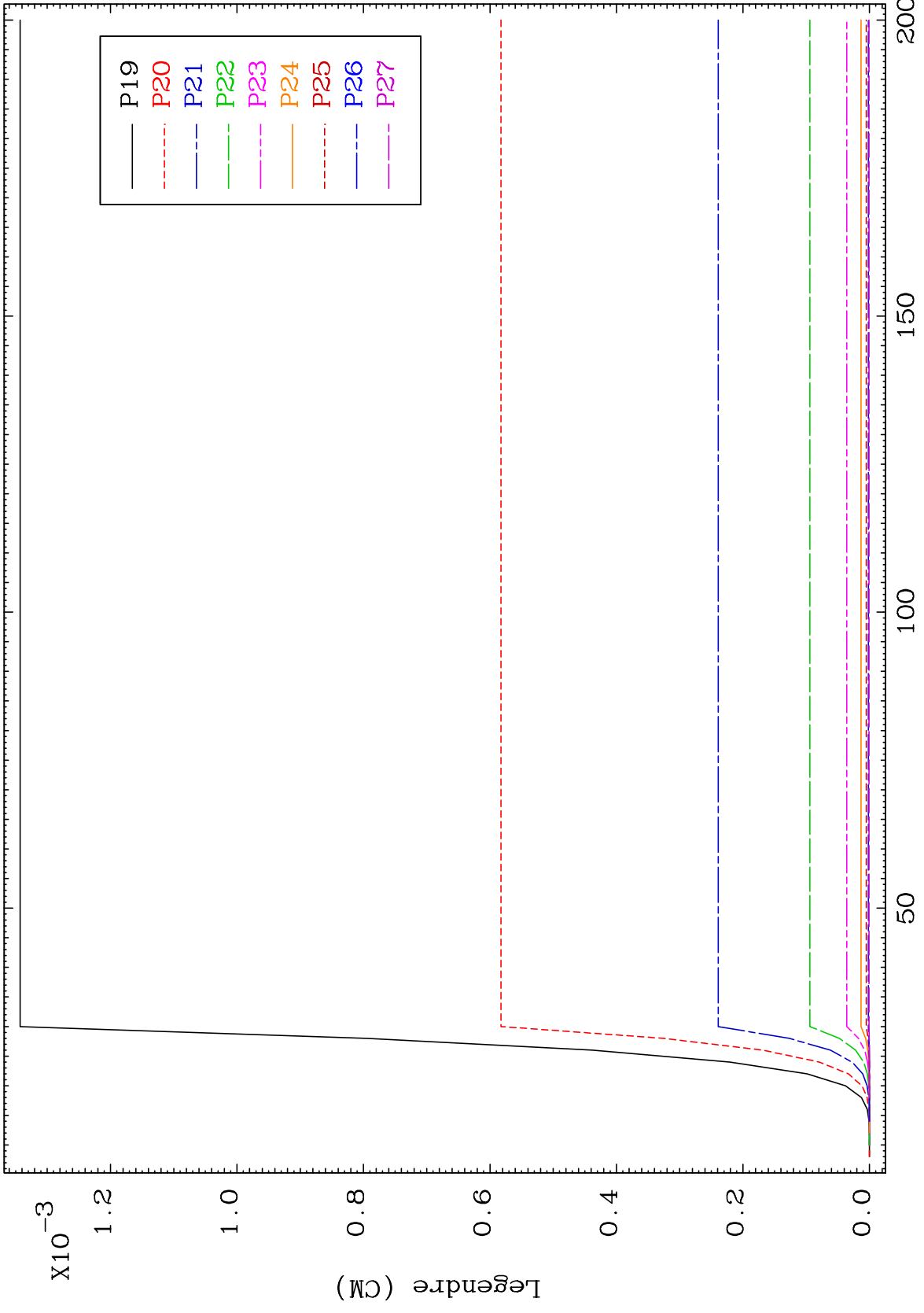
Legendre (CM) Incident Energy (MeV) 29-Cu-70

MAT 2946 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-70



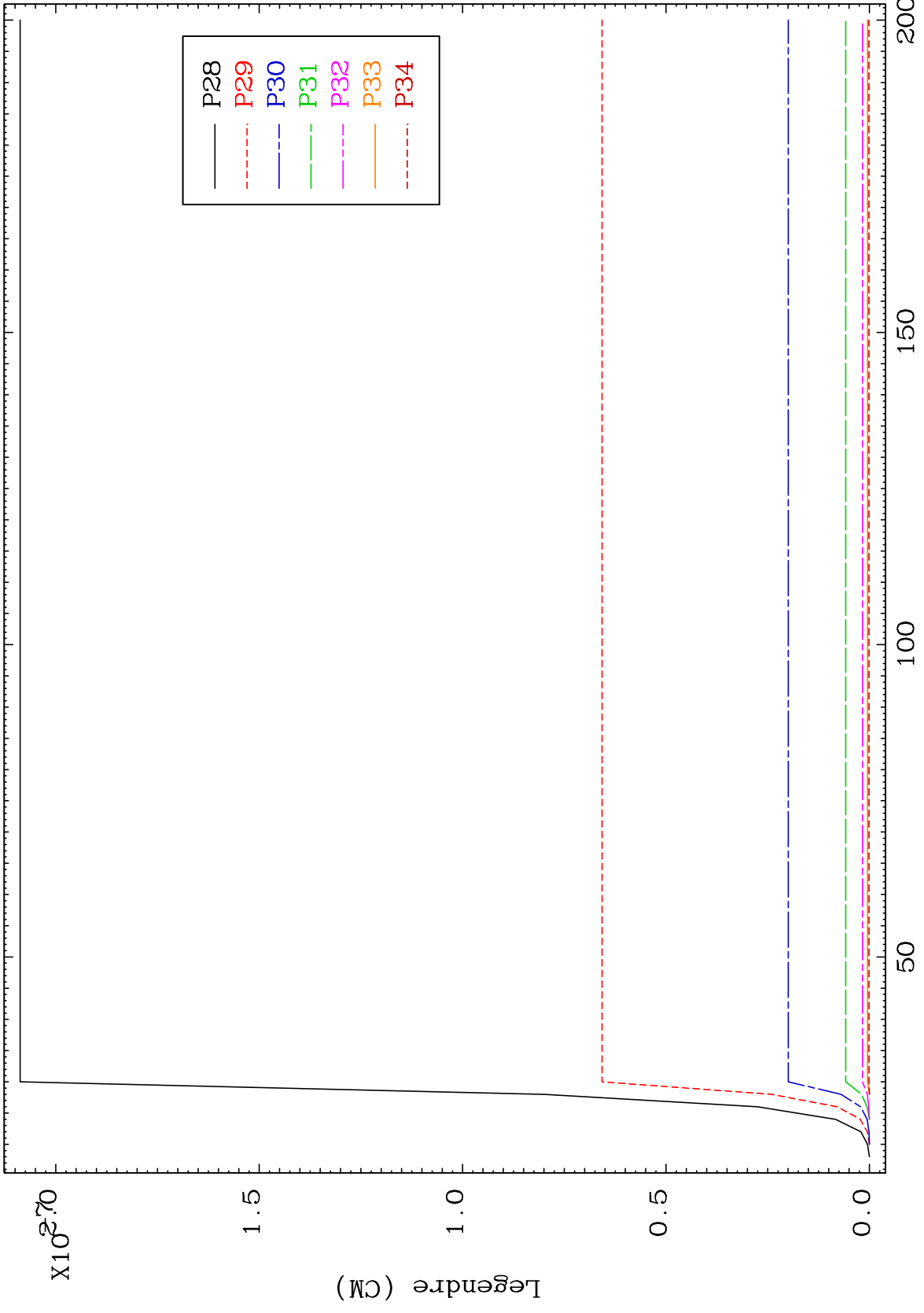
31 29-Cu-70

MAT 2946 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-70



32 Incident Energy (MeV) 29-Cu-70

MAT 2946 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-70

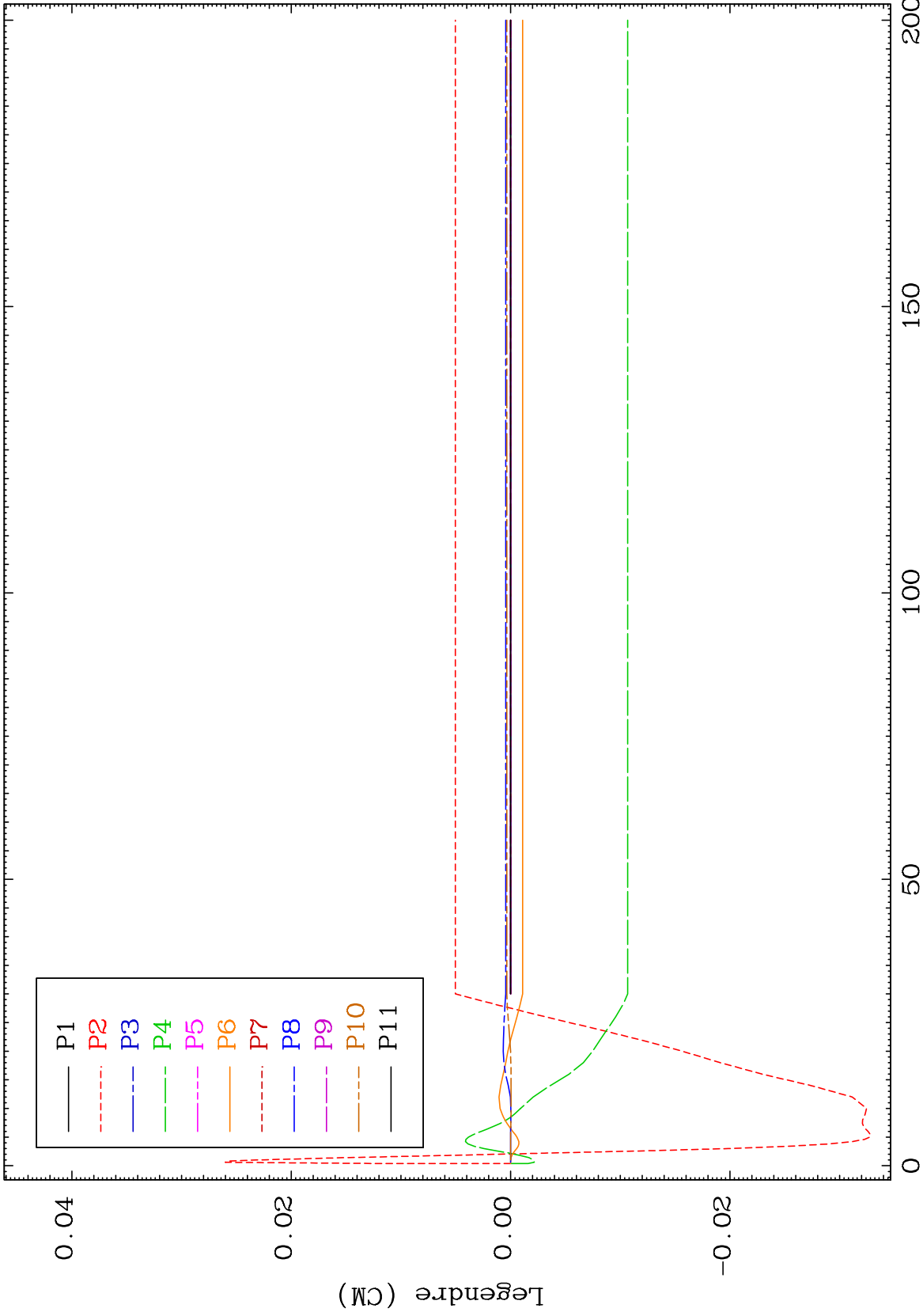


33 29-Cu-70

MAT 2946

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

29-Cu-70



34

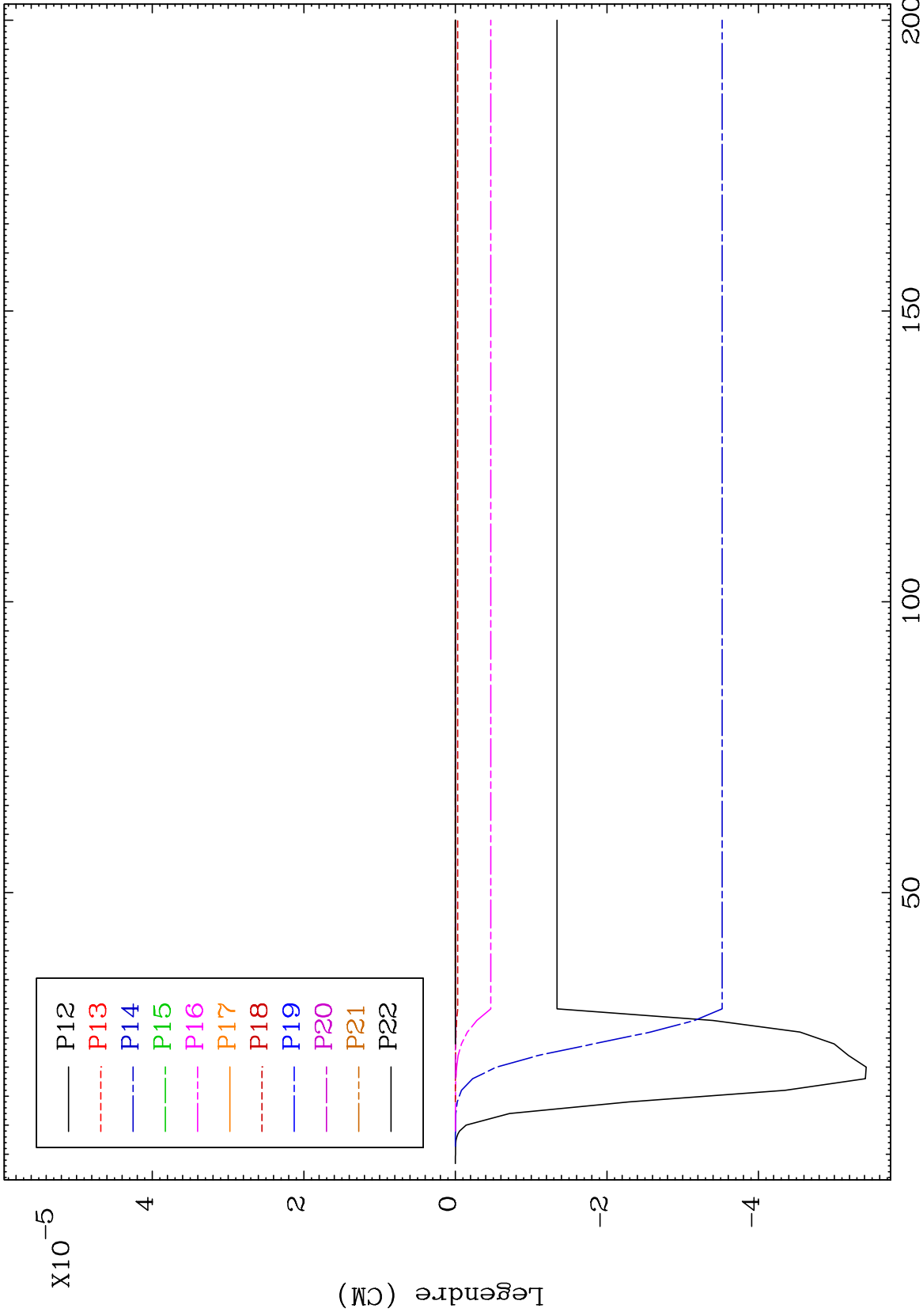
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

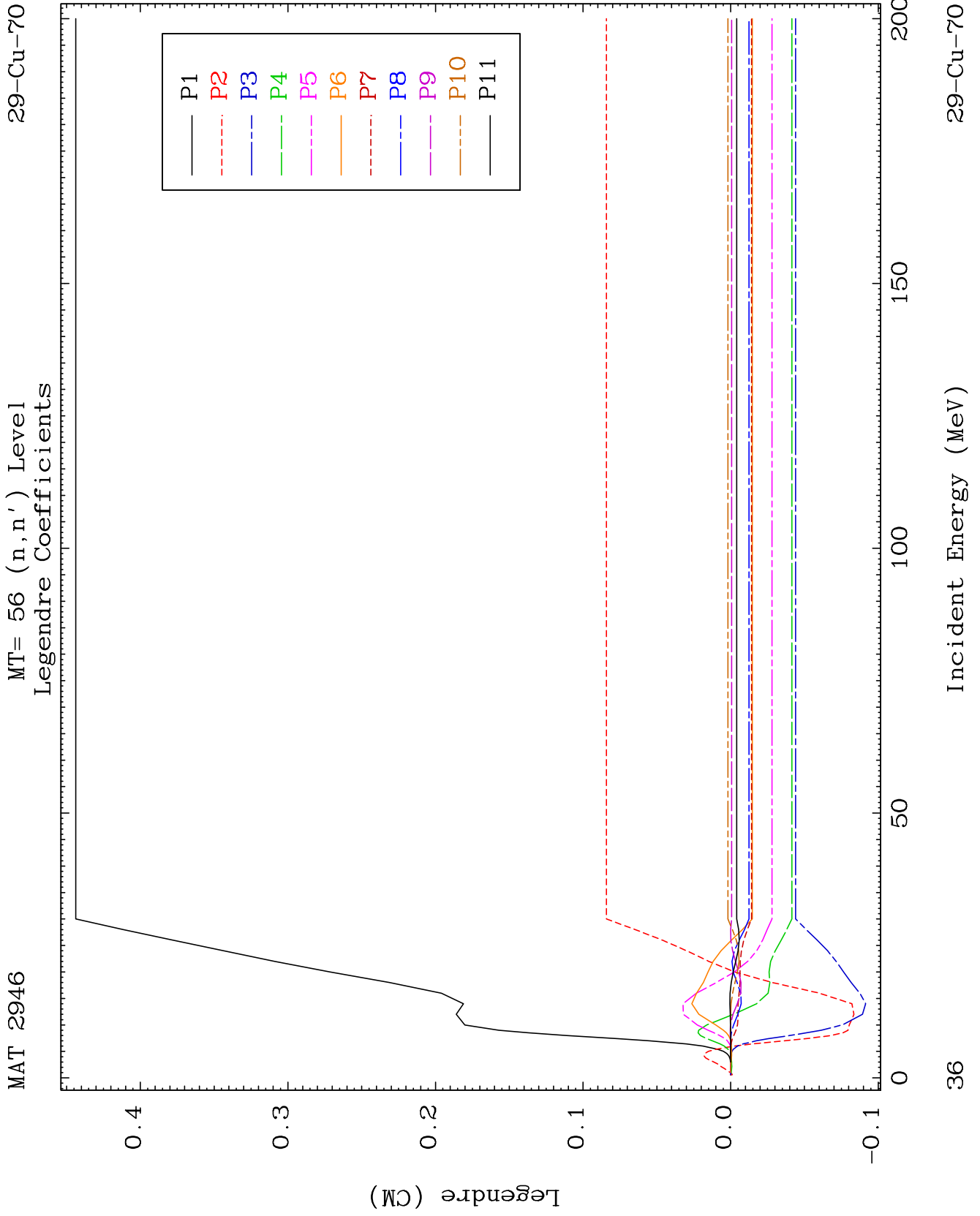
29-Cu-70



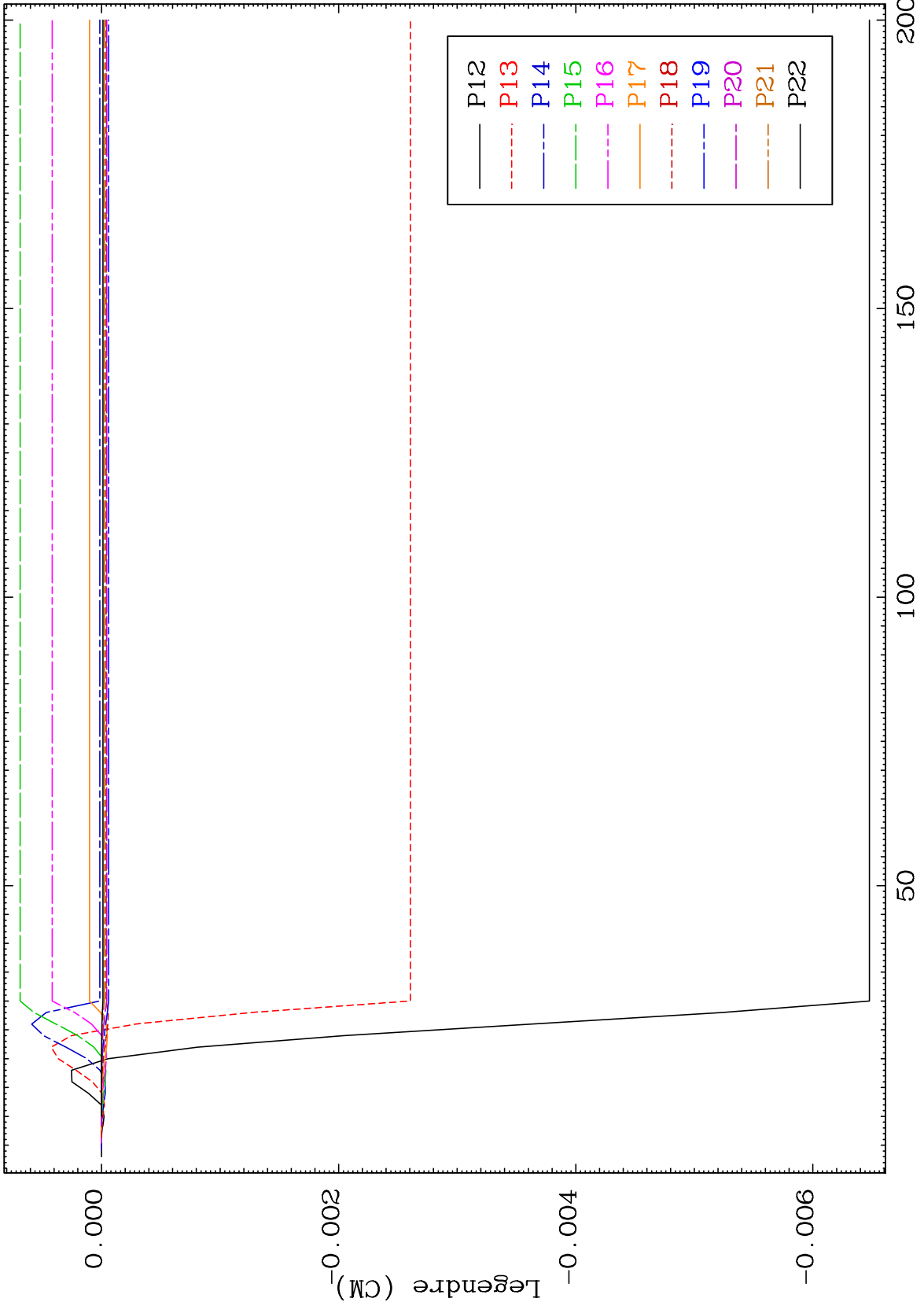
35

Incident Energy (MeV)

29-Cu-70

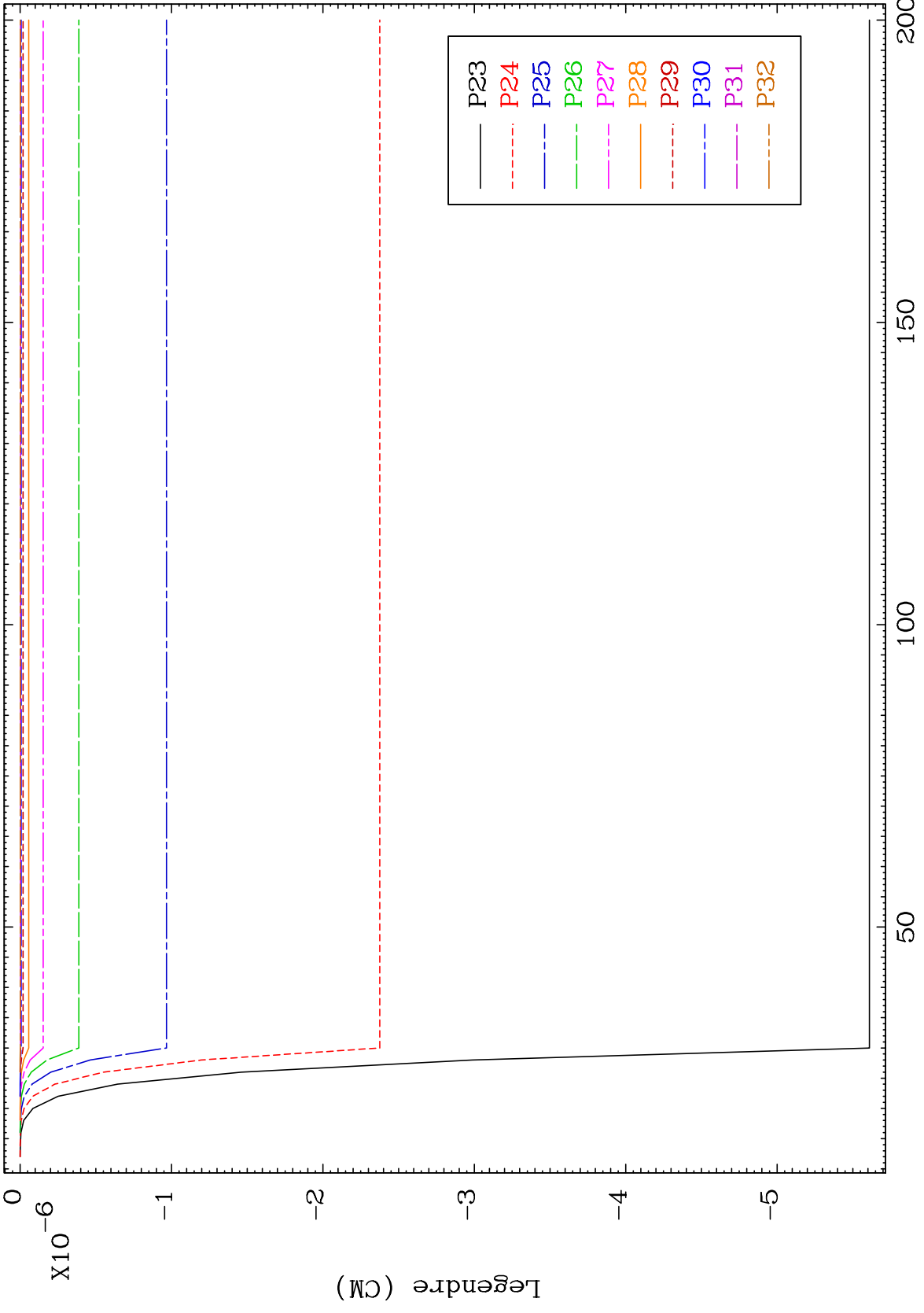


MAT 2946 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-70

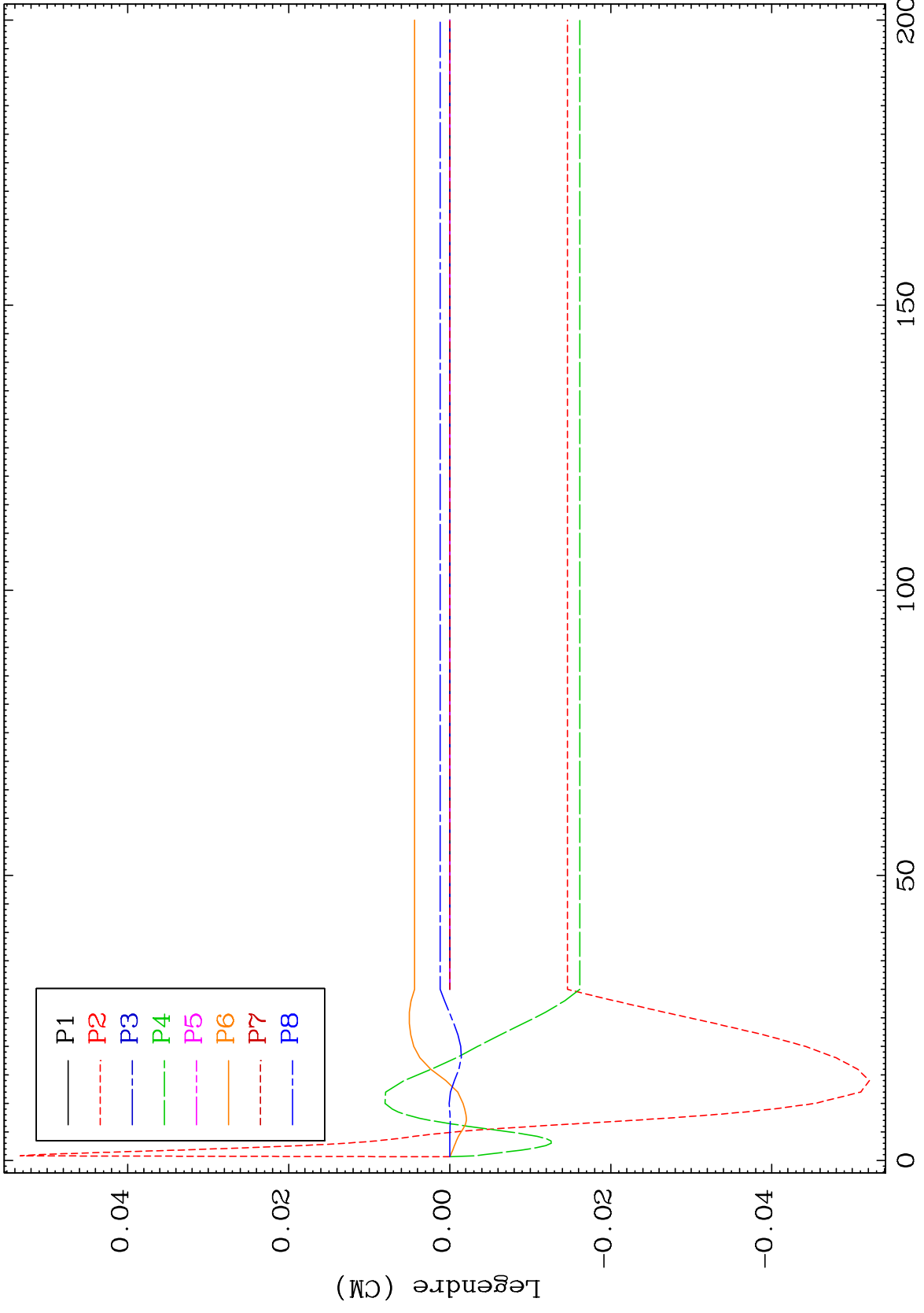


37 Incident Energy (MeV) 29-Cu-70

MAT 2946 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-70

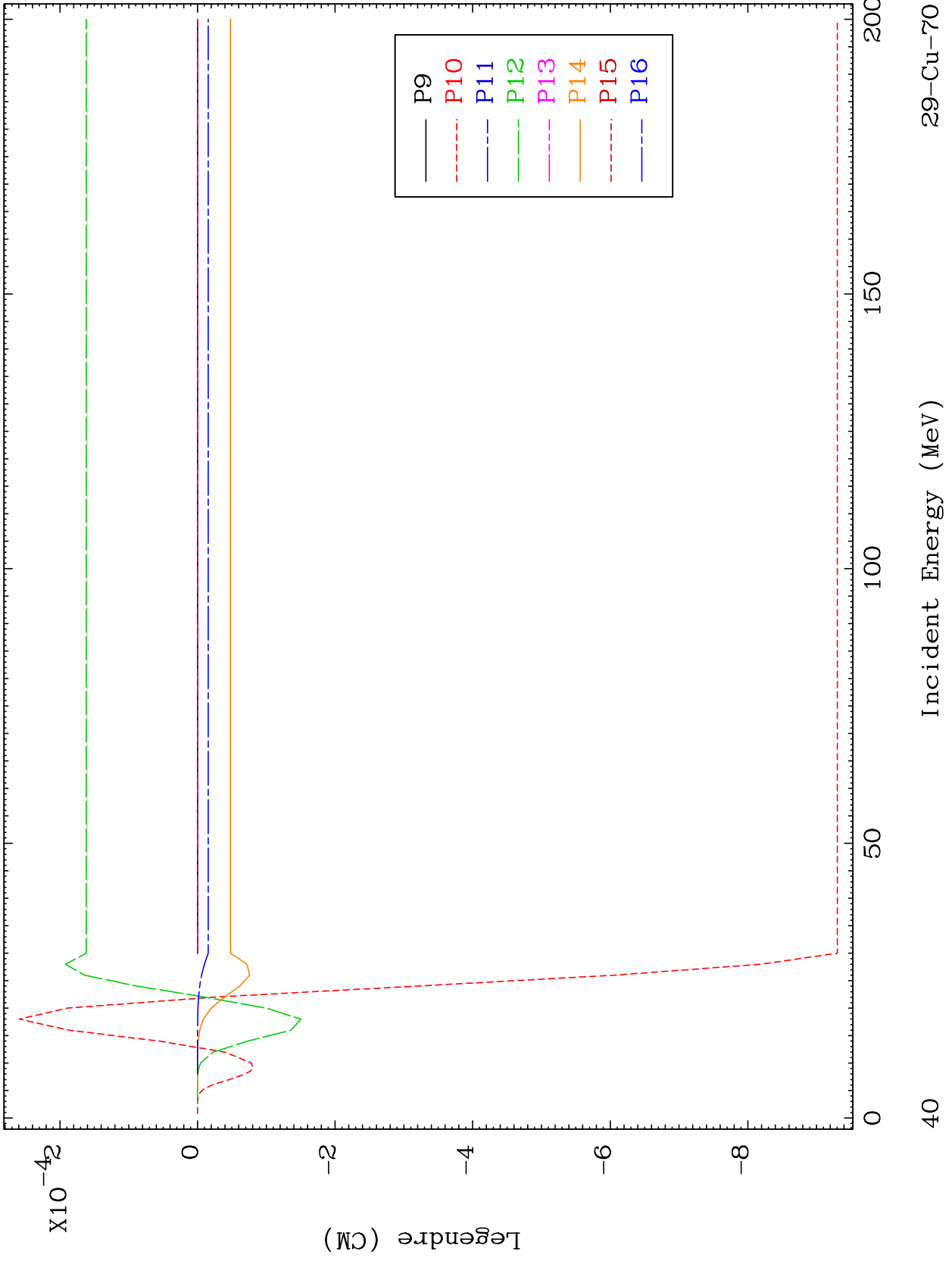


MAT 2946 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-70

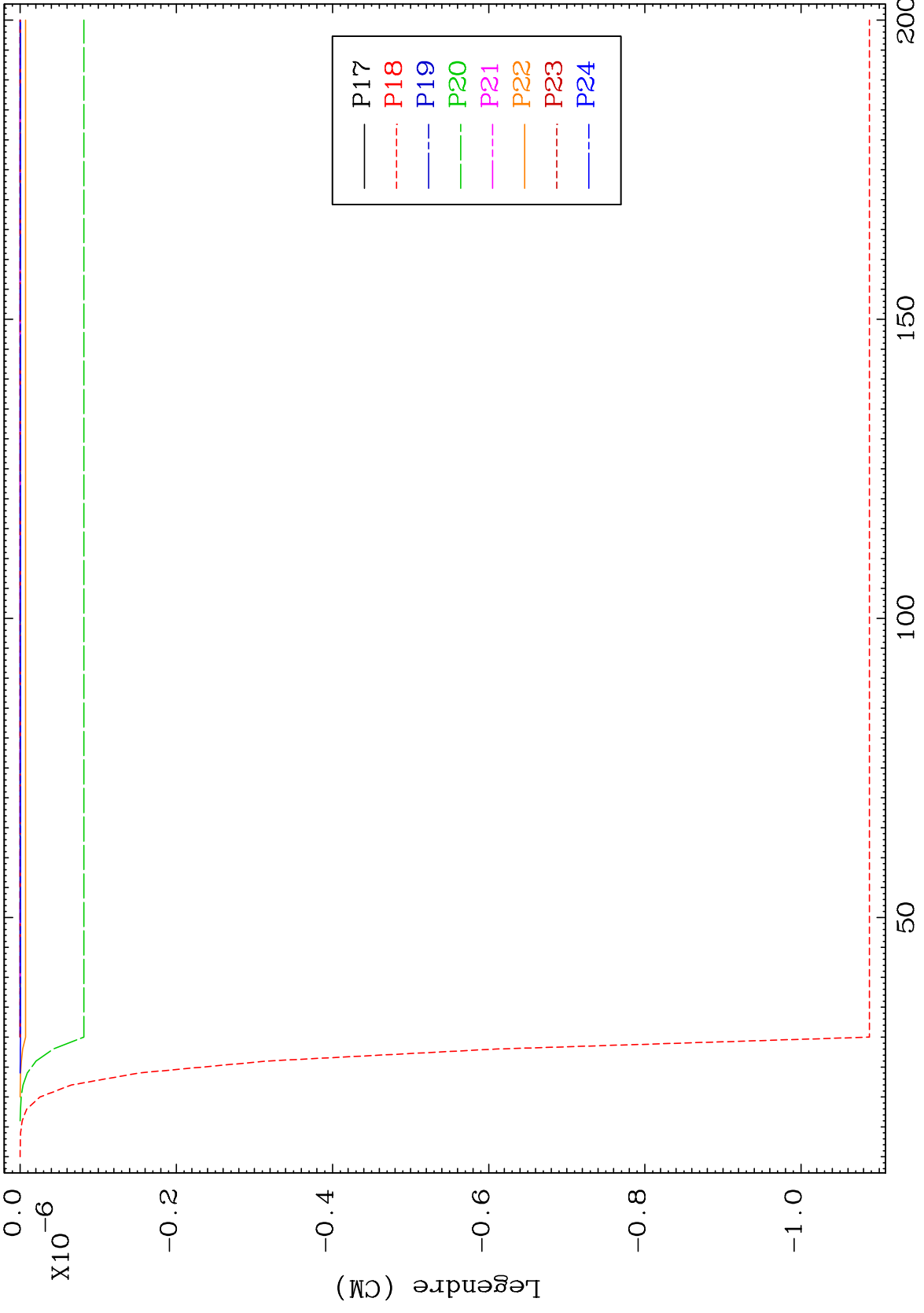


39 Incident Energy (MeV) 29-Cu-70

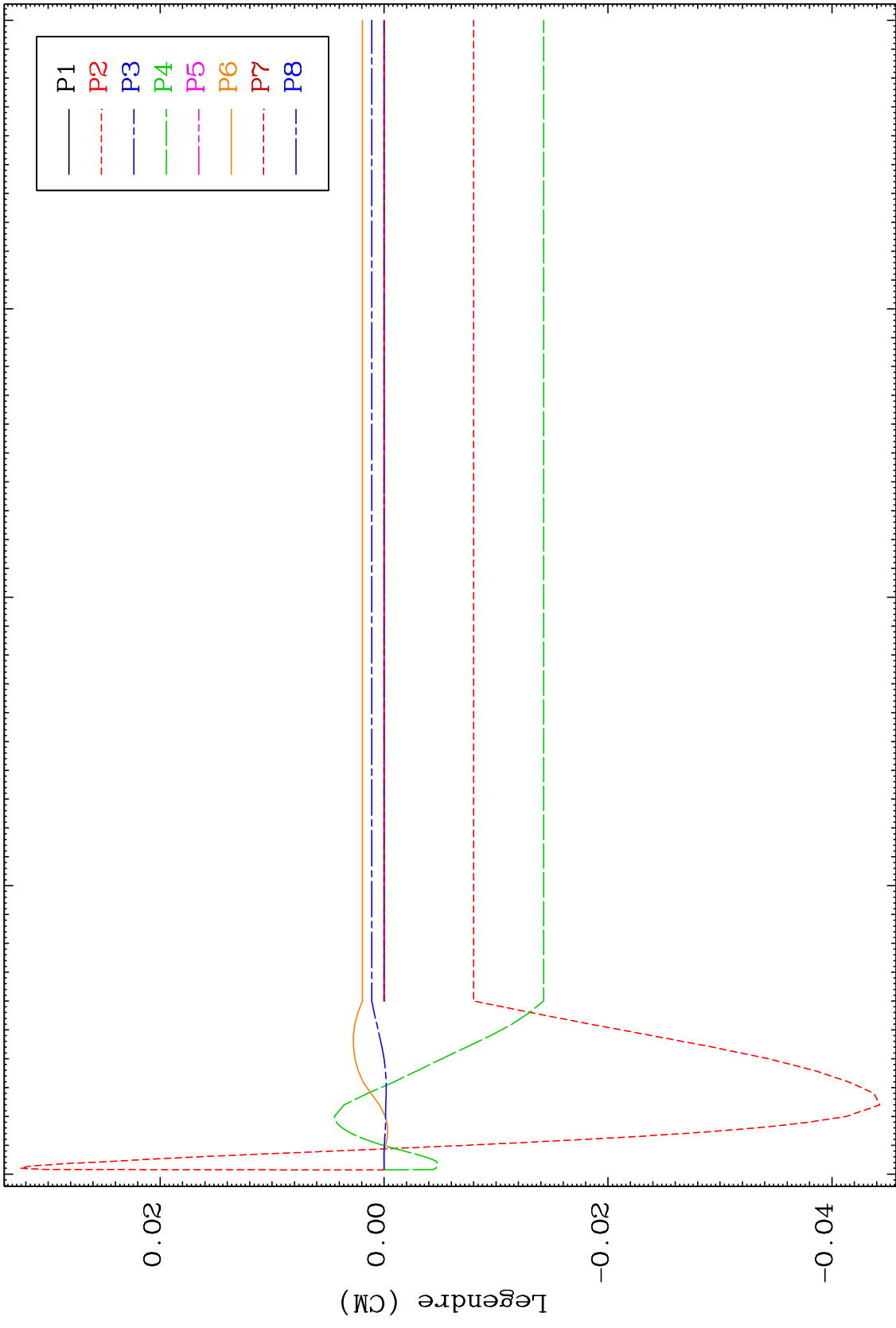
MAT 2946 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-70



MAT 2946 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-70

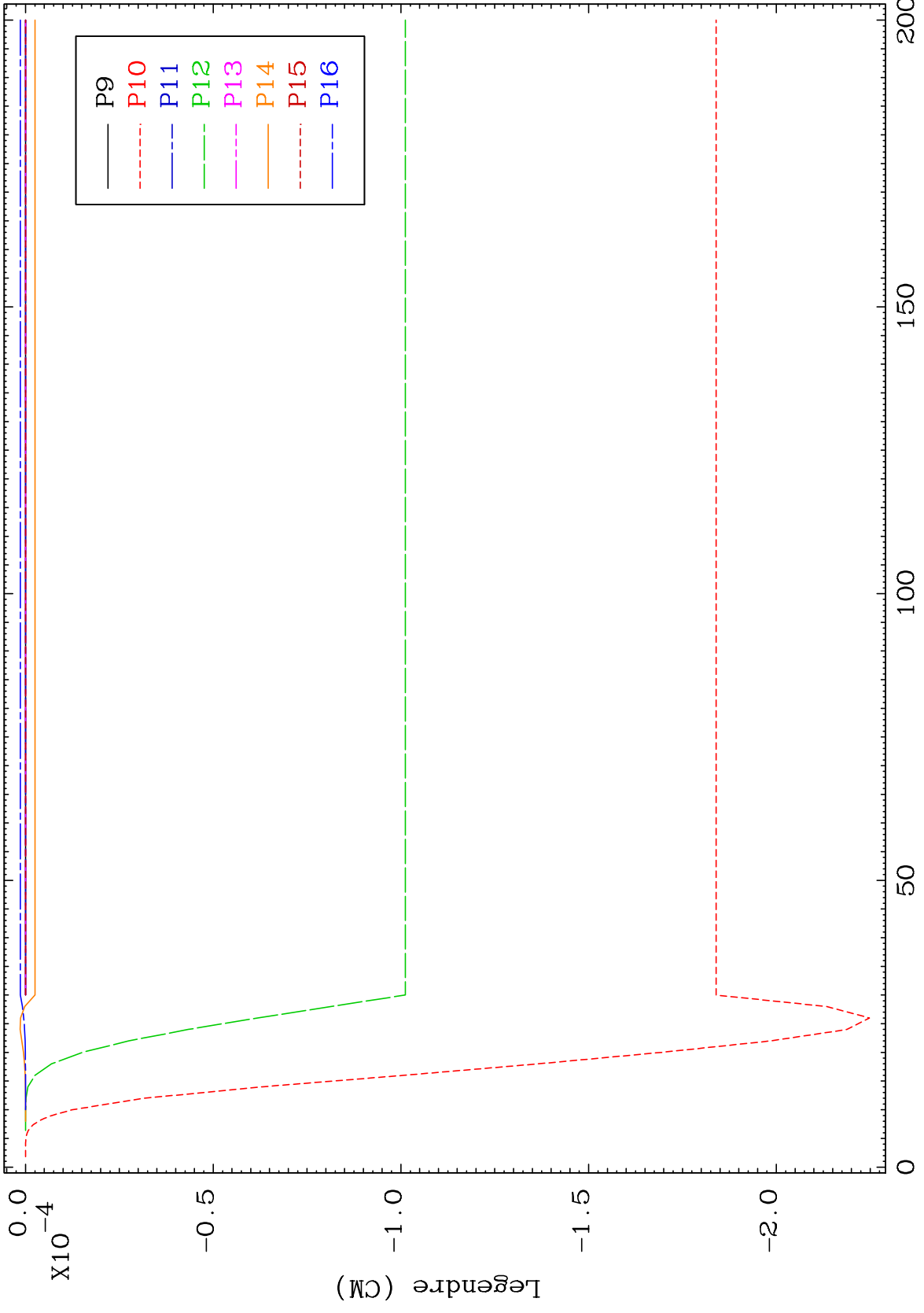


MAT 2946 MT= 58 (n,n') Level Legendre Coefficients 29-Cu-70

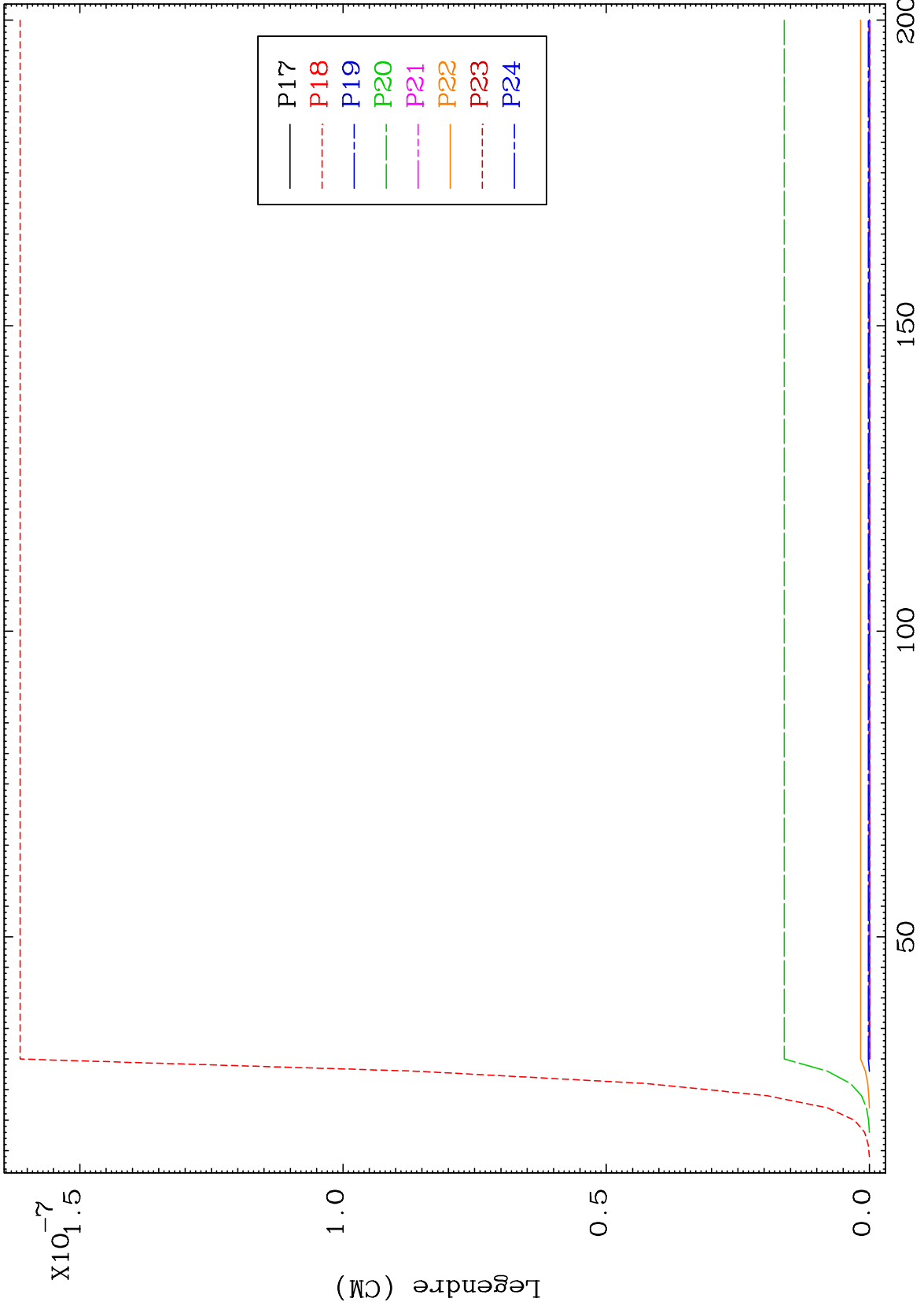


42 29-Cu-70

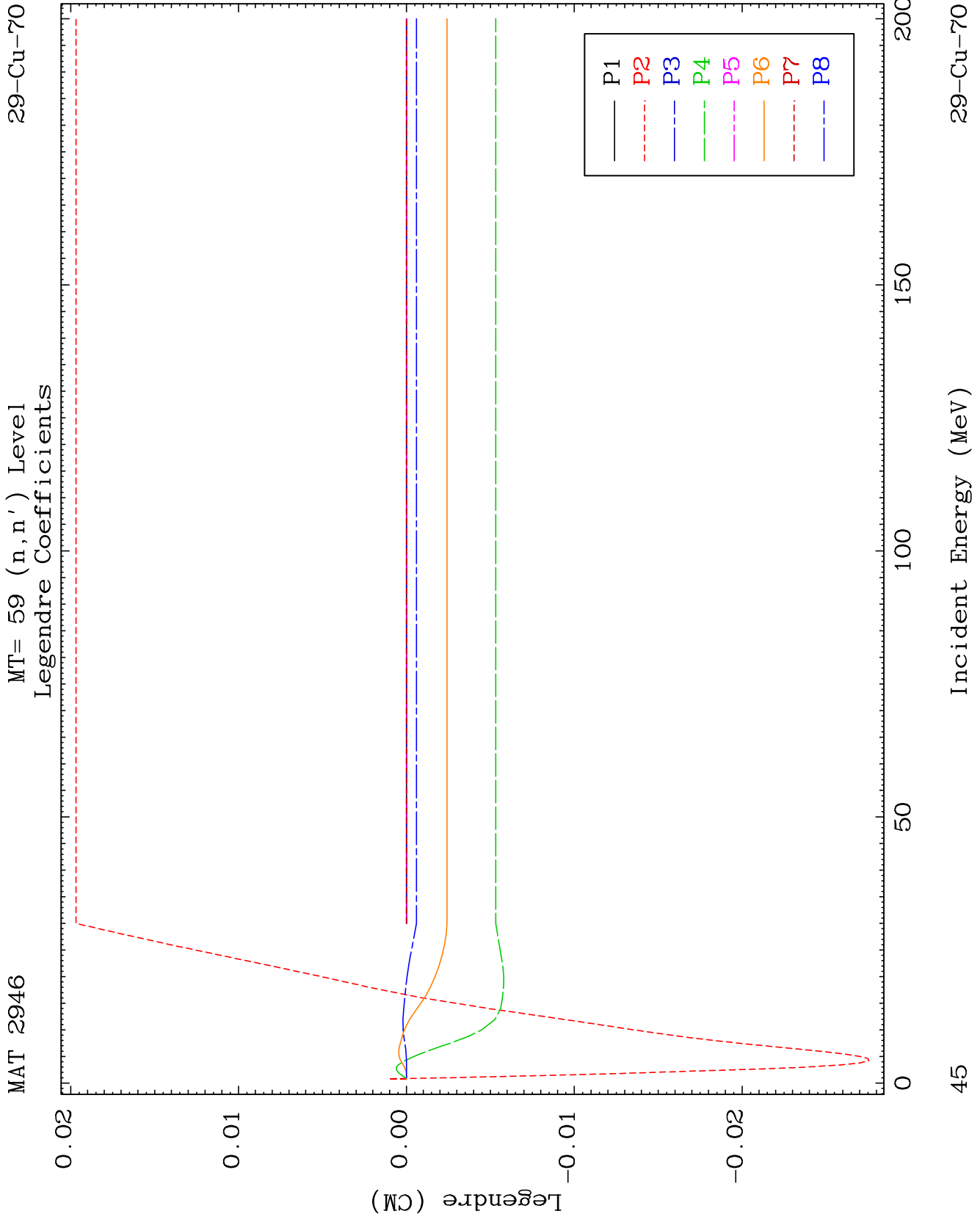
MAT 2946 MT= 58 (n,n') Level Legendre Coefficients 29-Cu-70

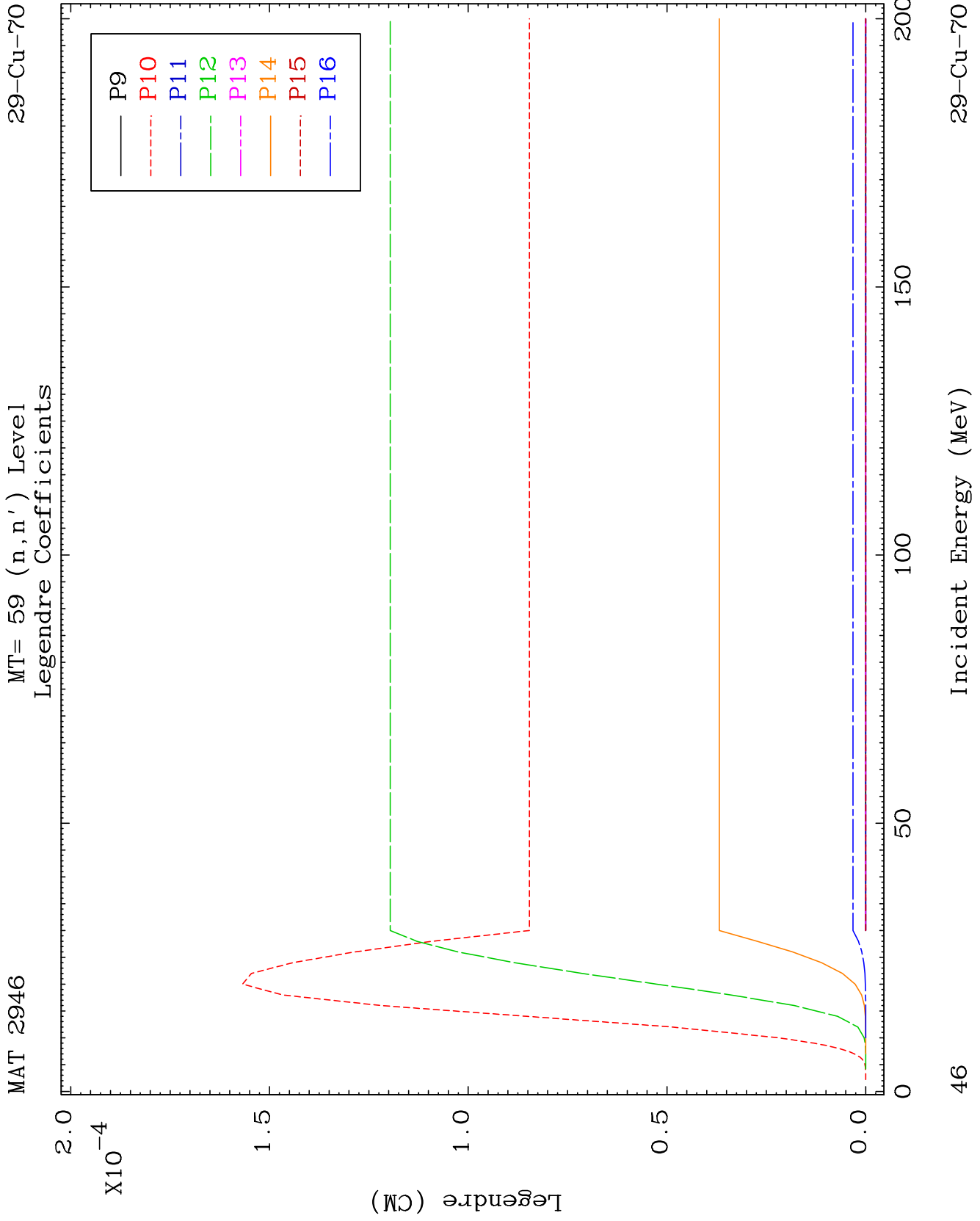


MAT 2946 MT= 58 (n,n') Level Legendre Coefficients 29-Cu-70

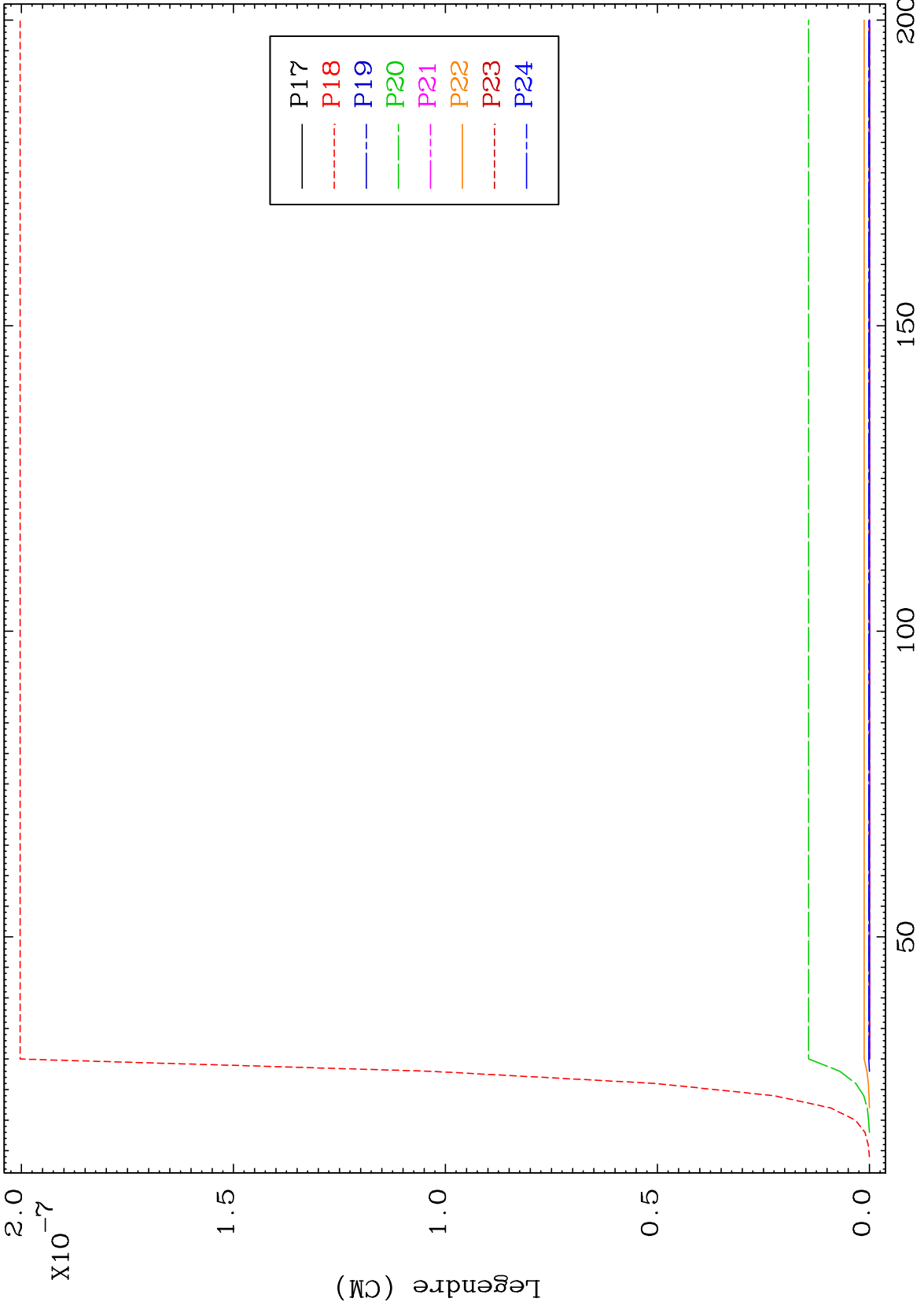


44 50 100 150 200 29-Cu-70





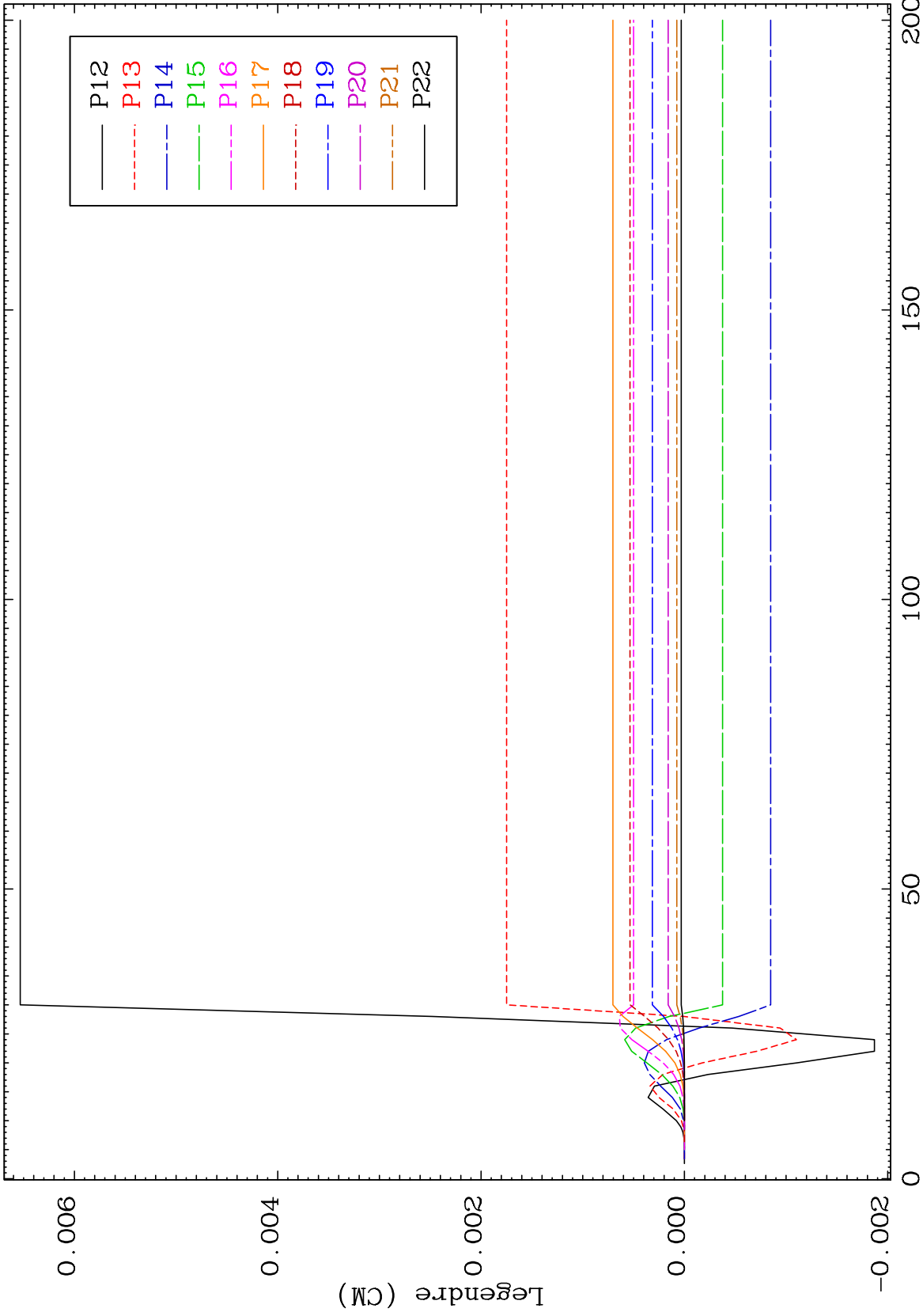
MAT 2946 MT= 59 (n,n') Level Legendre Coefficients 29-Cu-70



MAT 2946

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

29-Cu-70

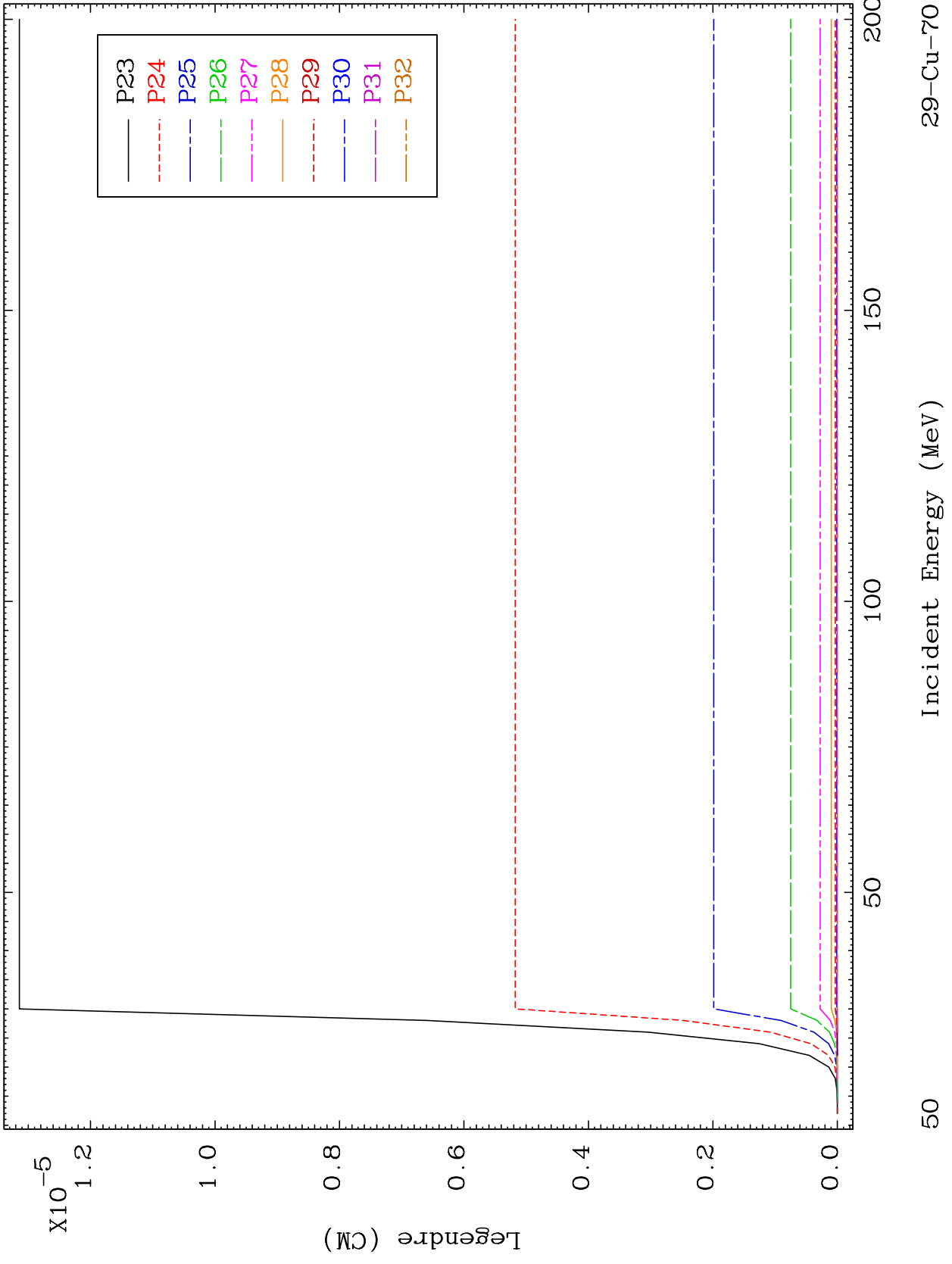


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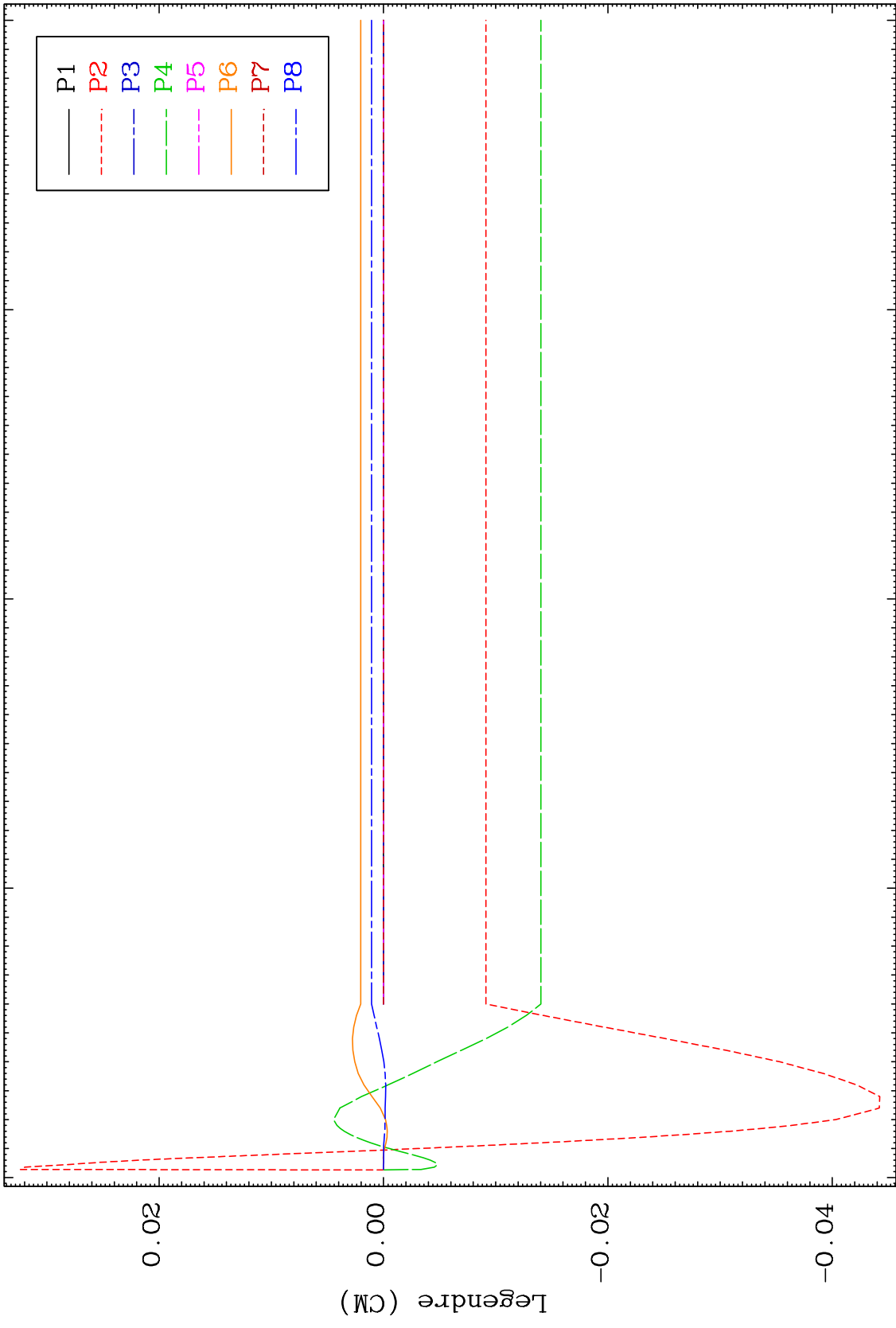
Incident Energy (MeV)

29-Cu-70

MAT 2946 MT= 60 (n,n') Level Legendre Coefficients 29-Cu-70

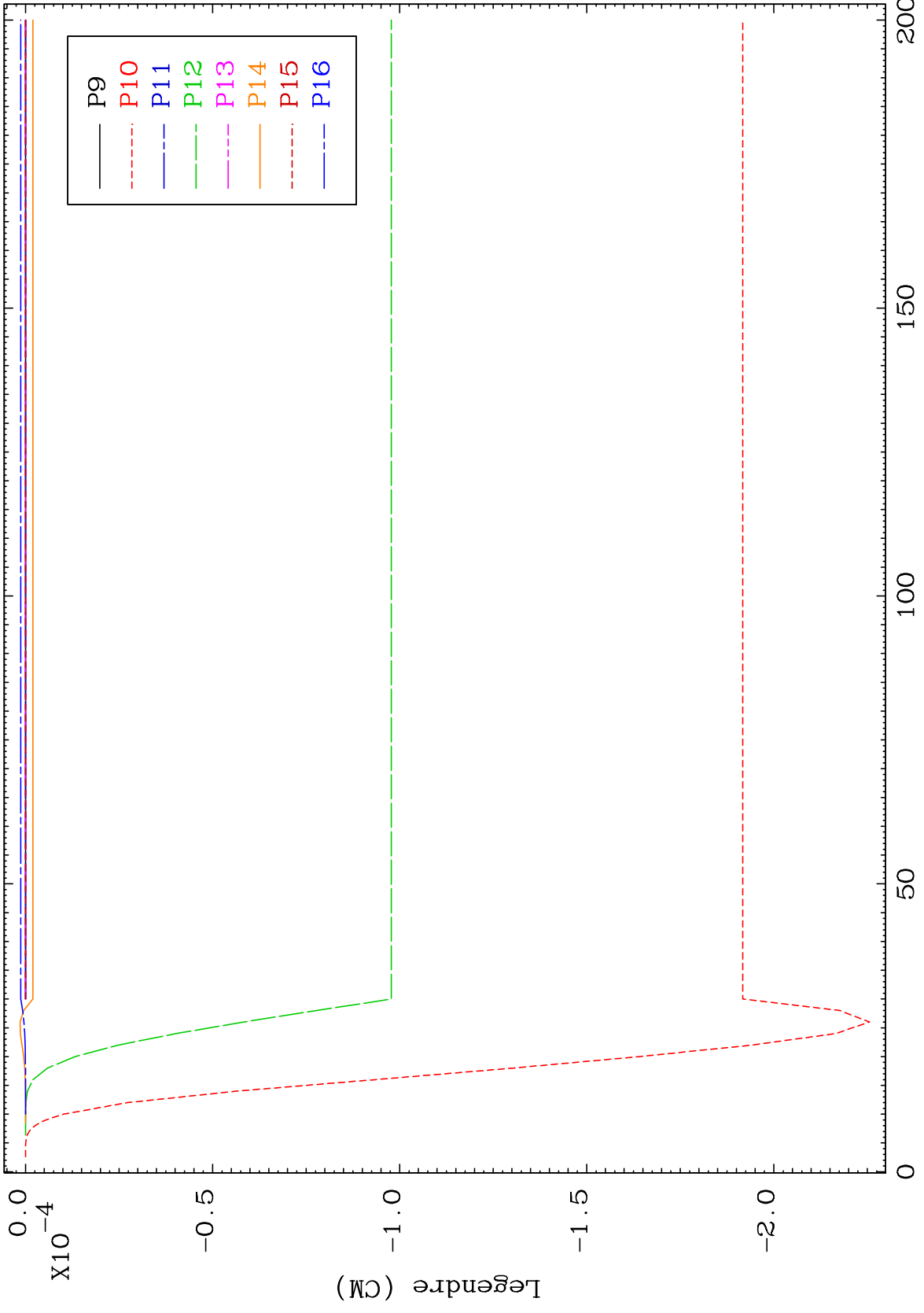


MAT 2946 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-70



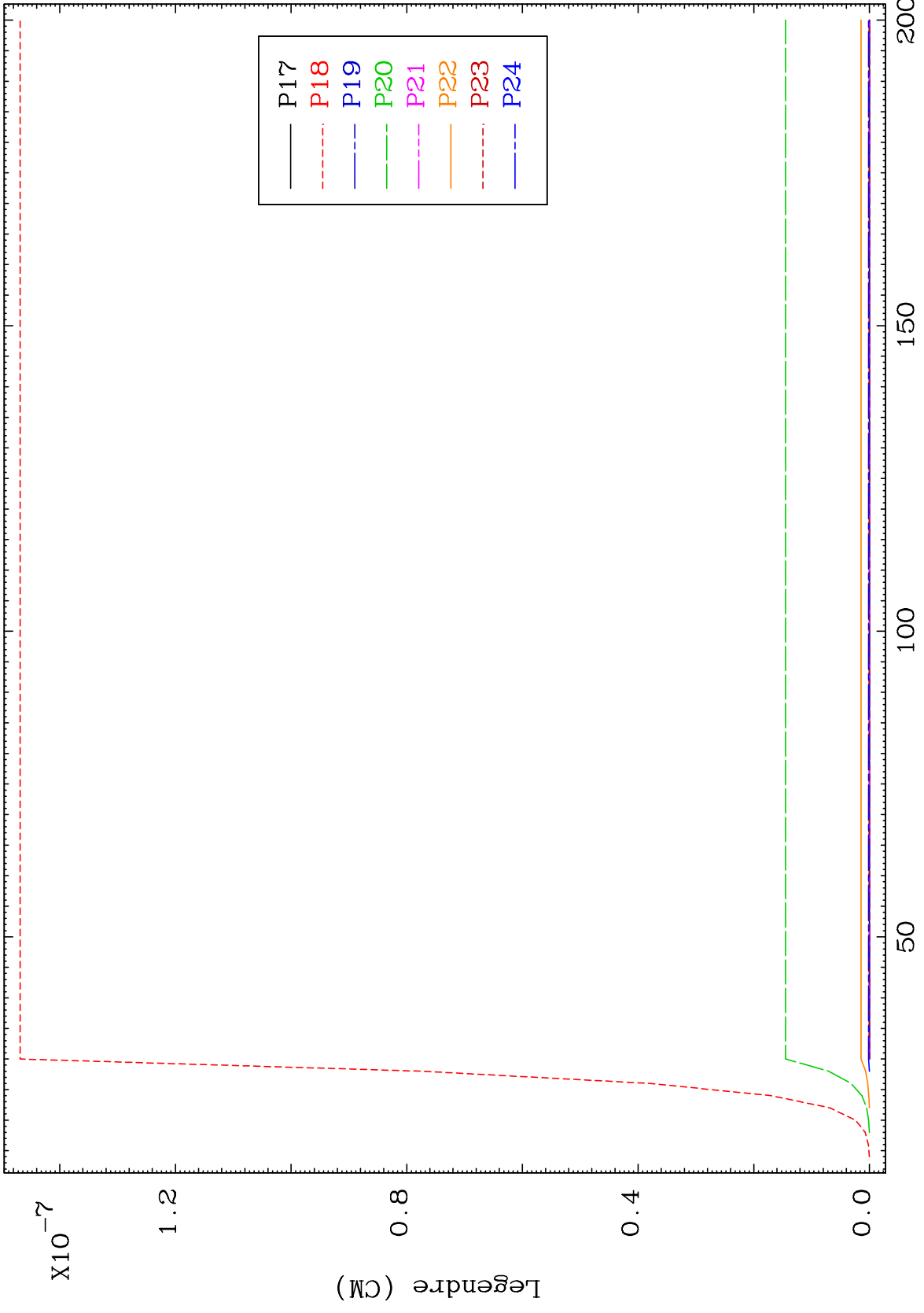
51 Incident Energy (MeV) 29-Cu-70

MAT 2946 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-70



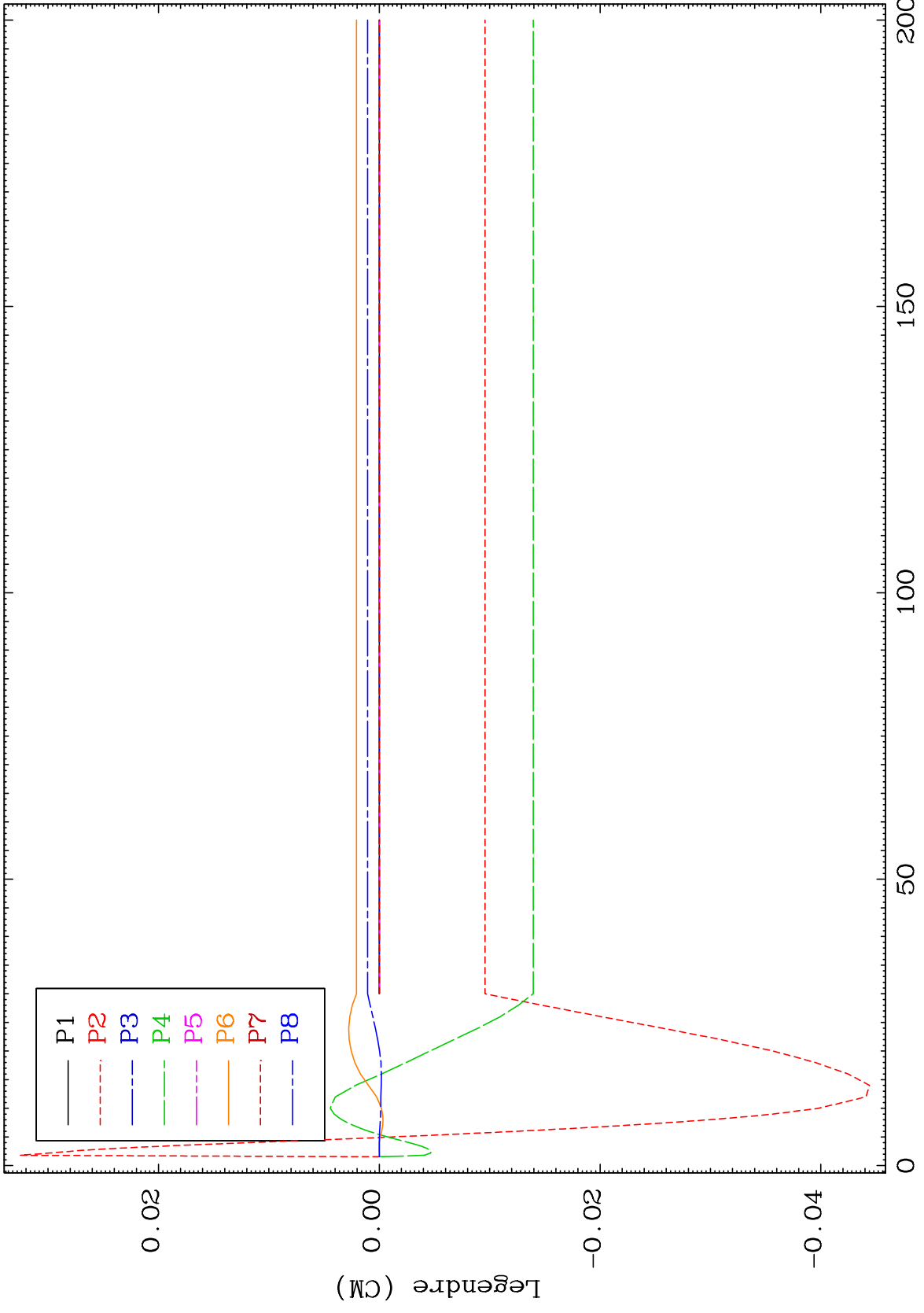
52 Incident Energy (MeV) 29-Cu-70

MAT 2946 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-70



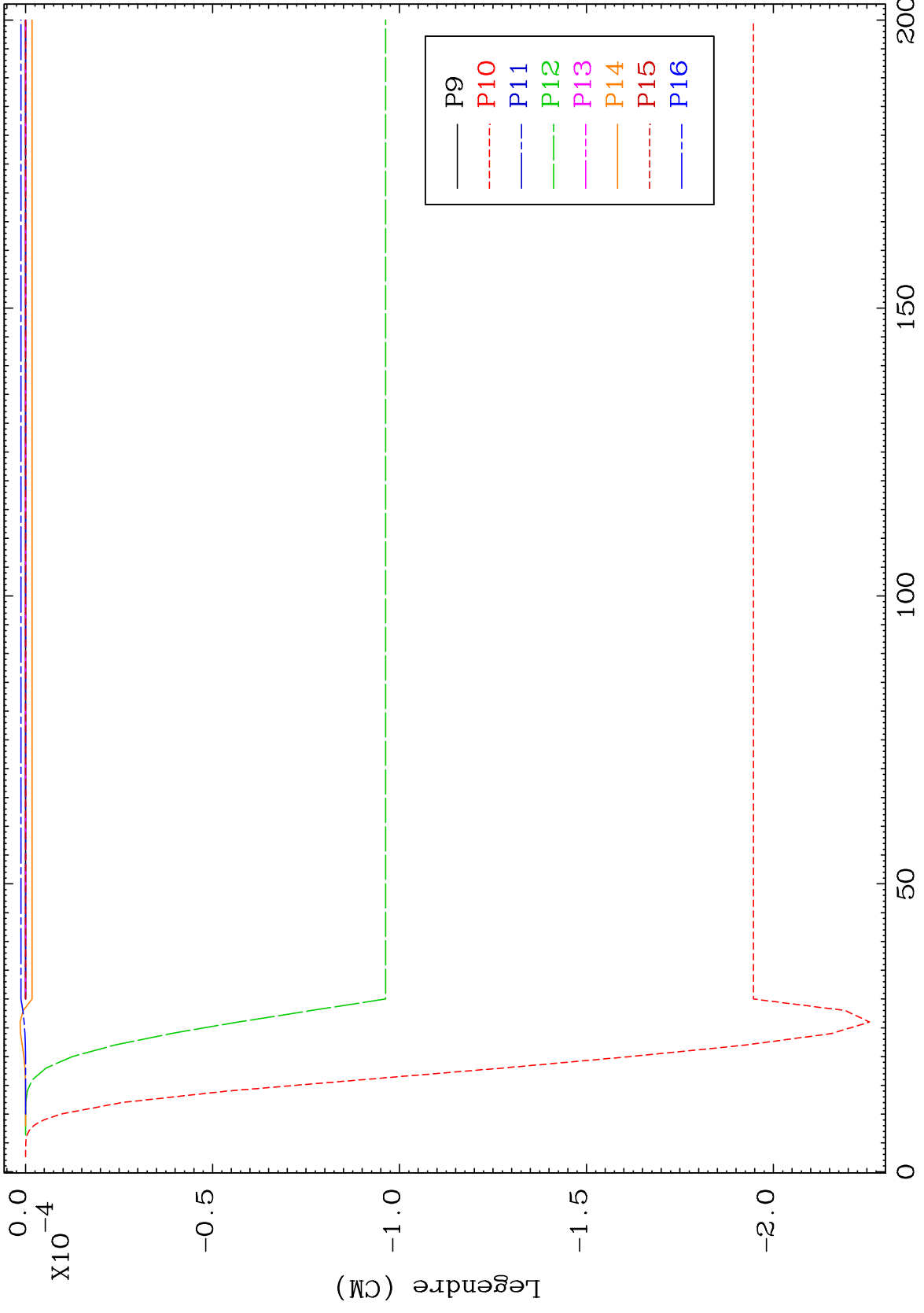
53 200

MAT 2946 MT= 62 (n,n') Level Legendre Coefficients 29-Cu-70



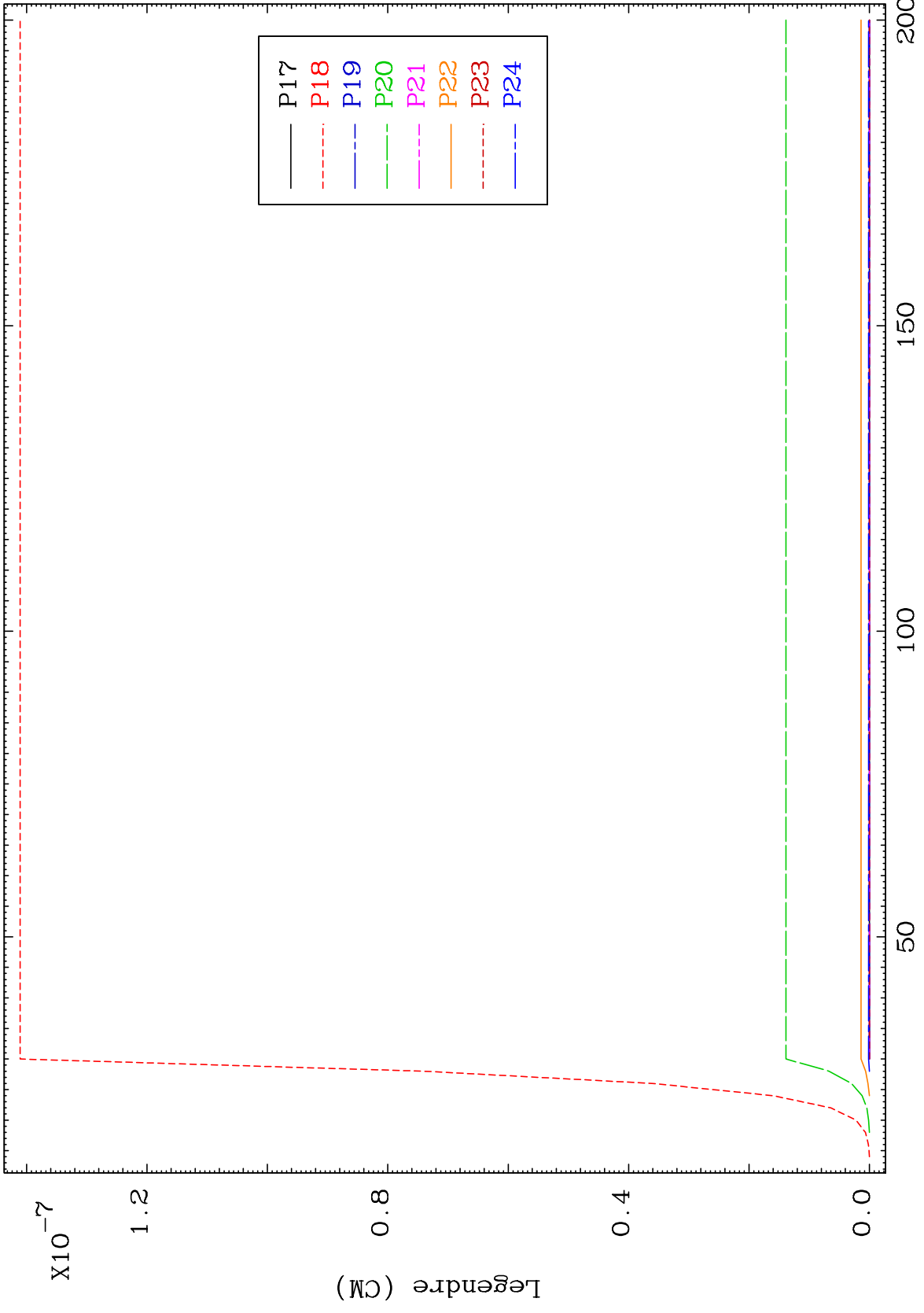
54 29-Cu-70

MAT 2946 MT= 62 (n,n') Level Legendre Coefficients 29-Cu-70



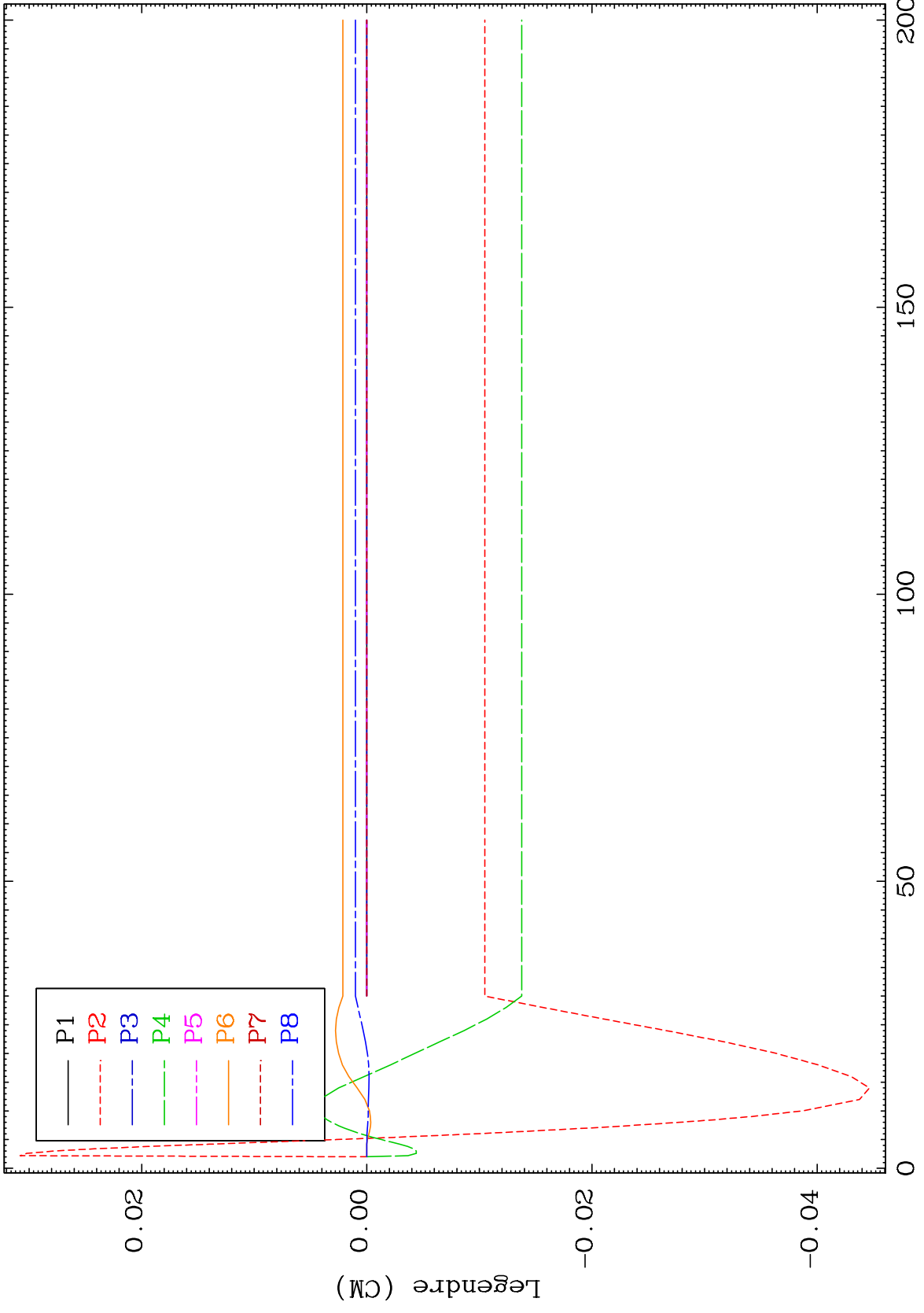
55 29-Cu-70

MAT 2946 MT= 62 (n,n') Level Legendre Coefficients 29-Cu-70



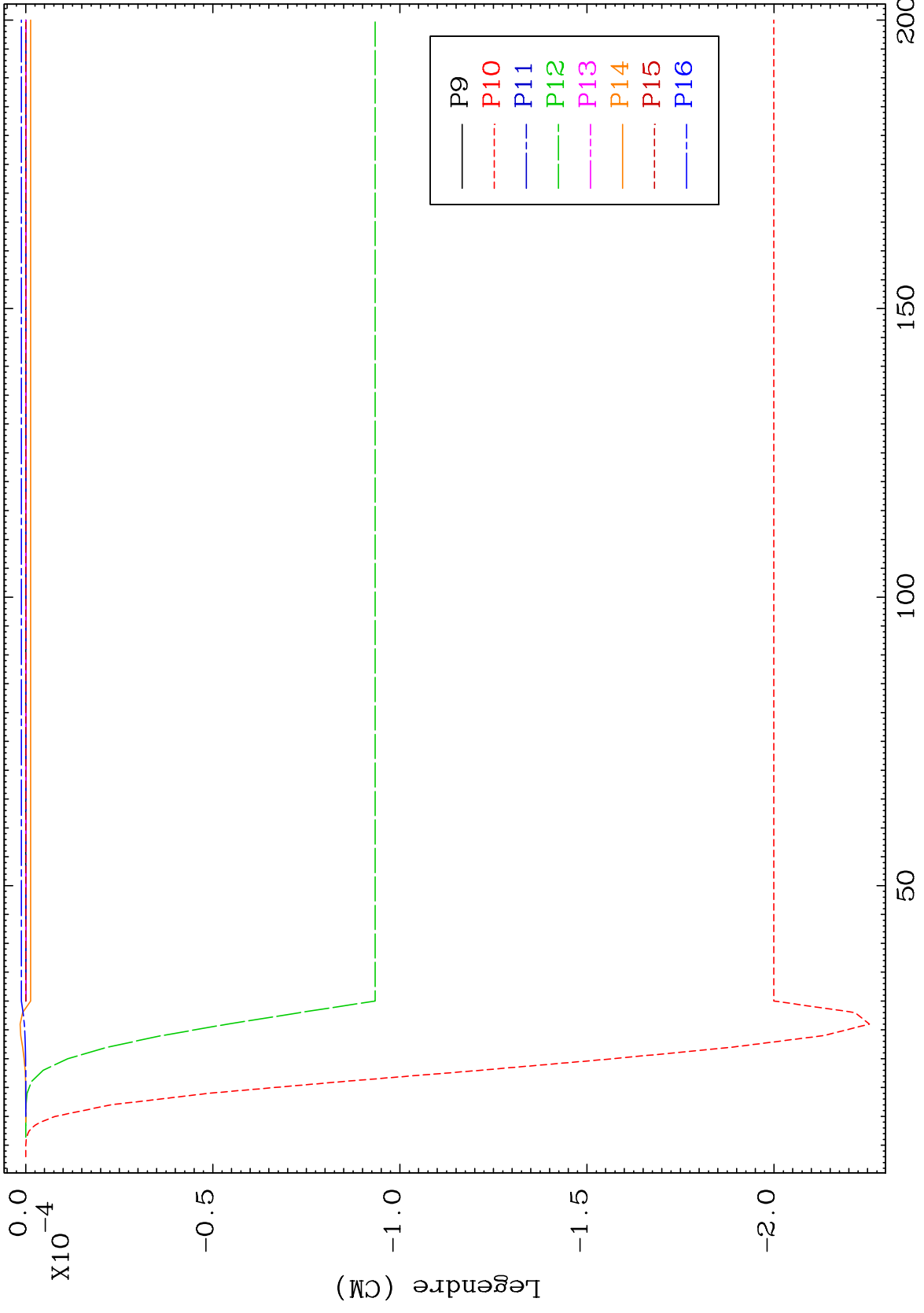
56 200

MAT 2946 MT= 63 (n,n') Level Legendre Coefficients 29-Cu-70

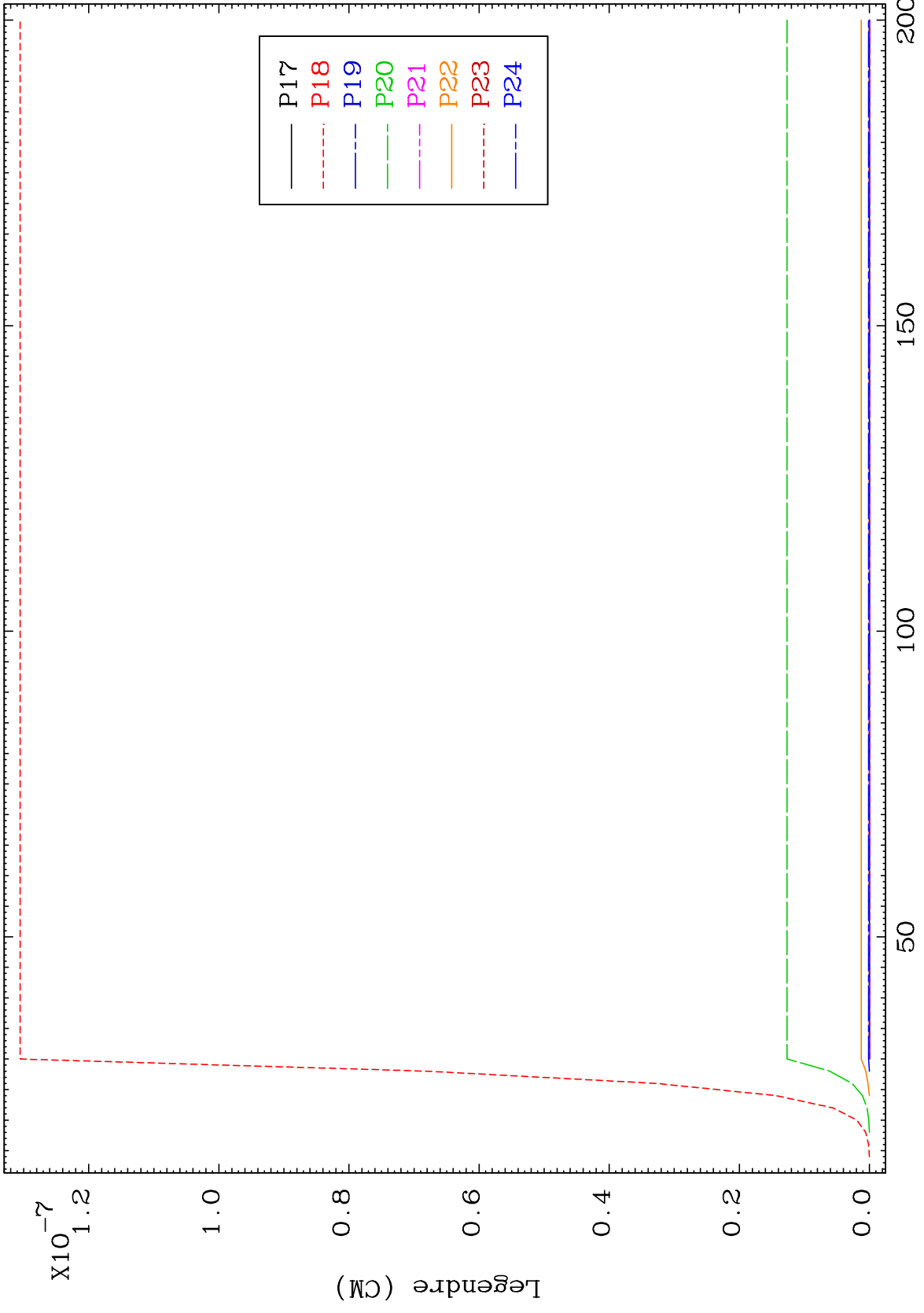


57 29-Cu-70

MAT 2946 MT= 63 (n,n') Level Legendre Coefficients 29-Cu-70



MAT 2946 MT= 63 (n,n') Level Legendre Coefficients 29-Cu-70

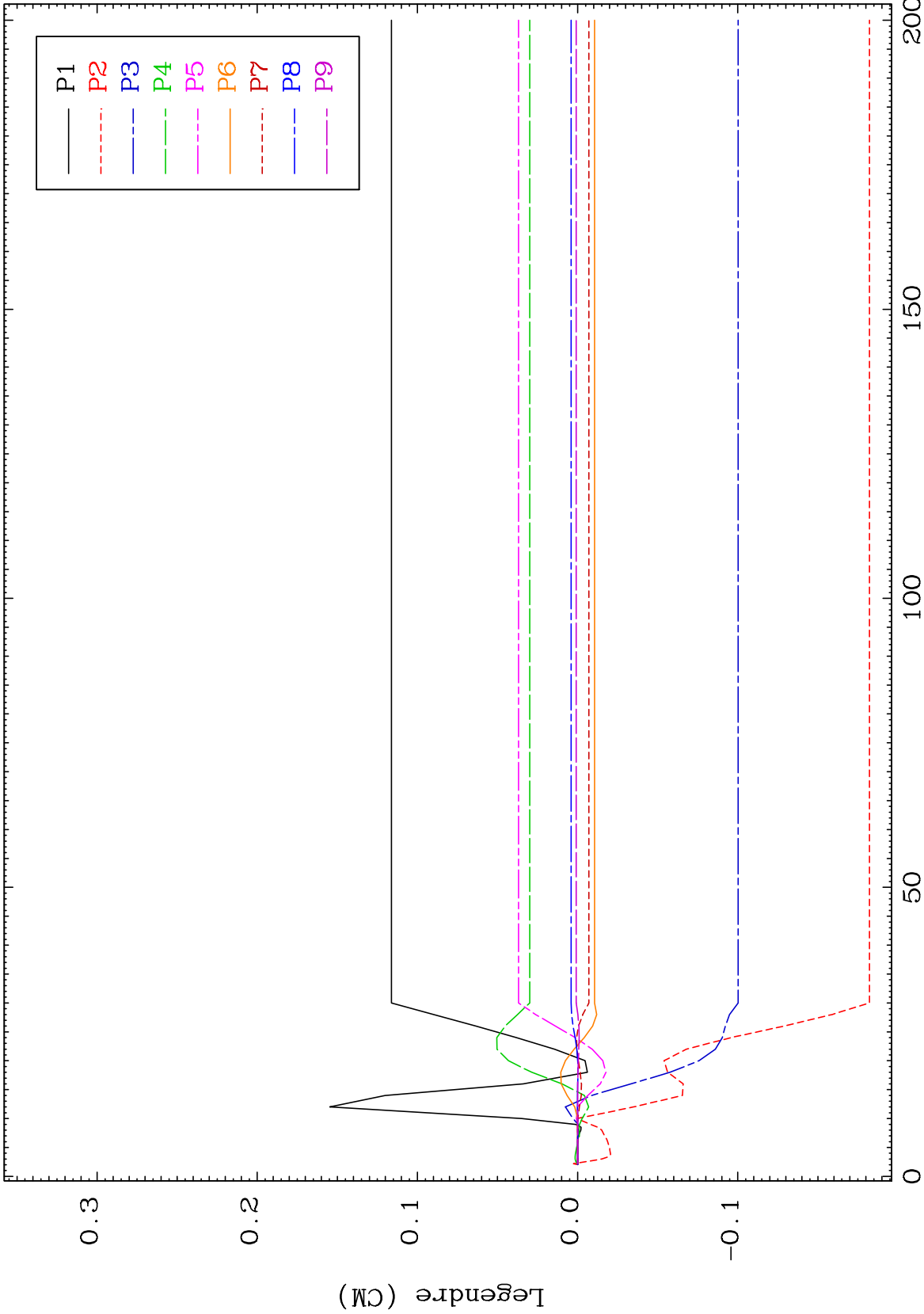


59 Incident Energy (MeV) 200 29-Cu-70

MAT 2946

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

29-Cu-70

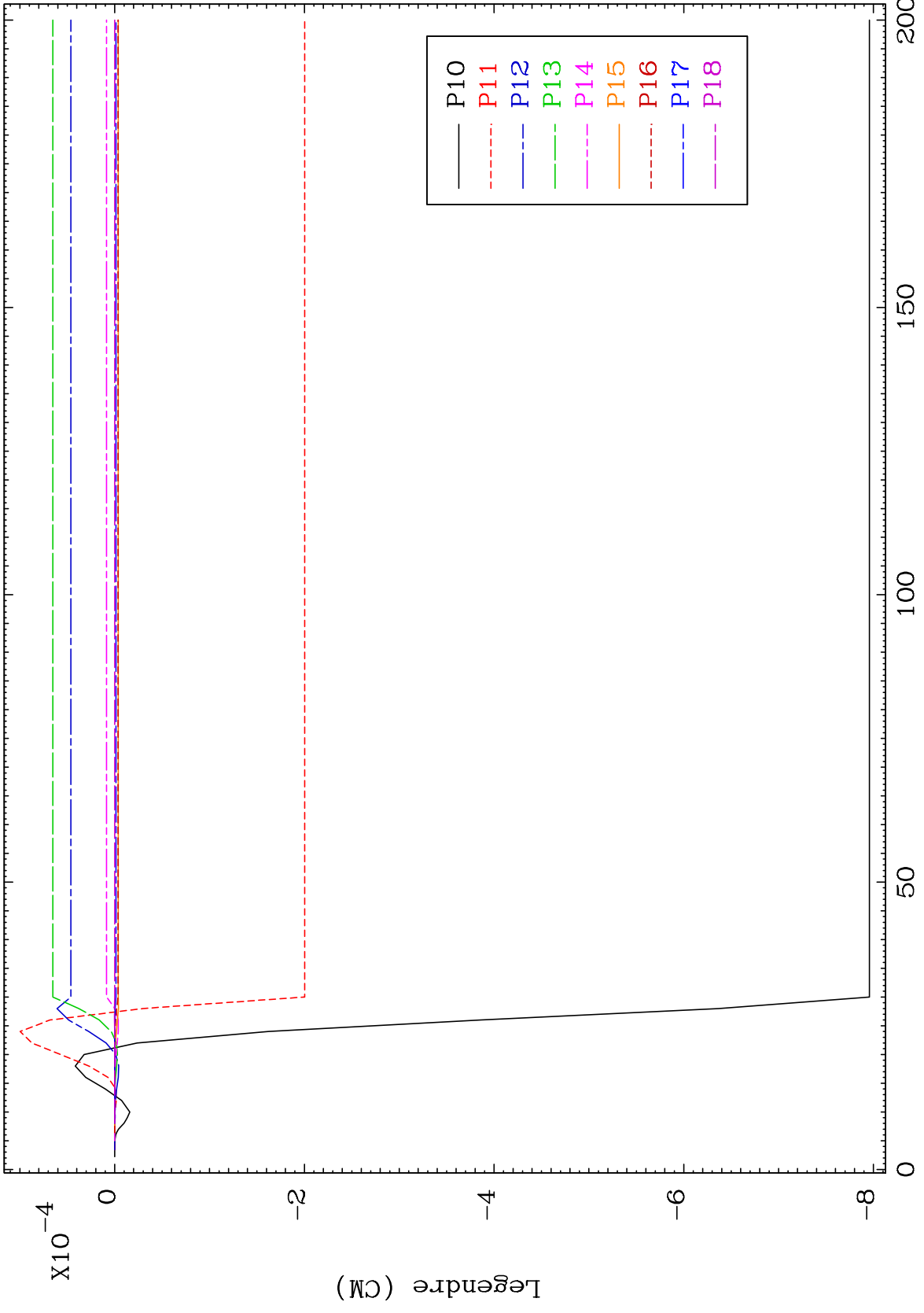


29-Cu-70

Incident Energy (MeV)

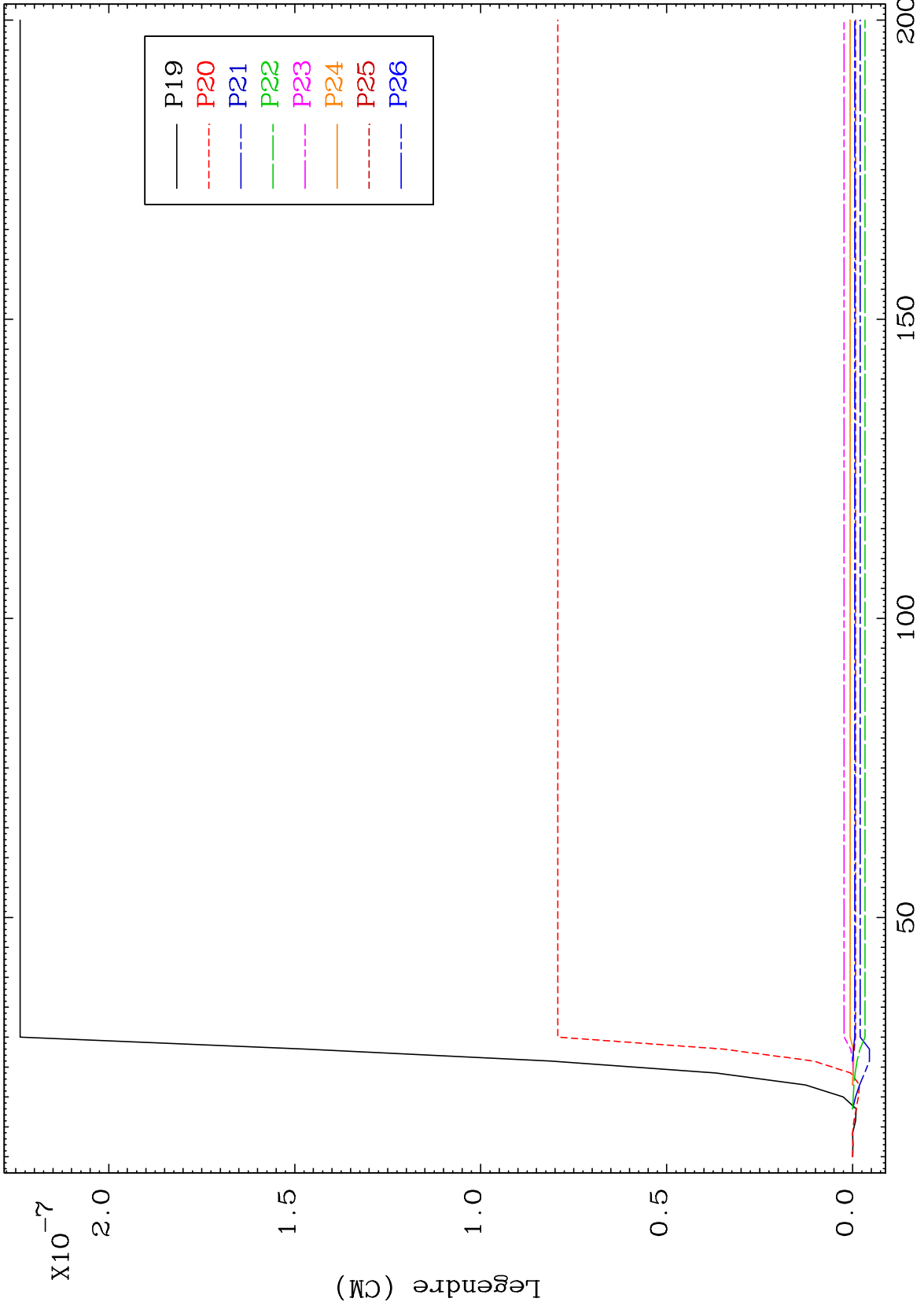
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MAT 2946 MT= 64 (n,n') Level Legendre Coefficients 29-Cu-70



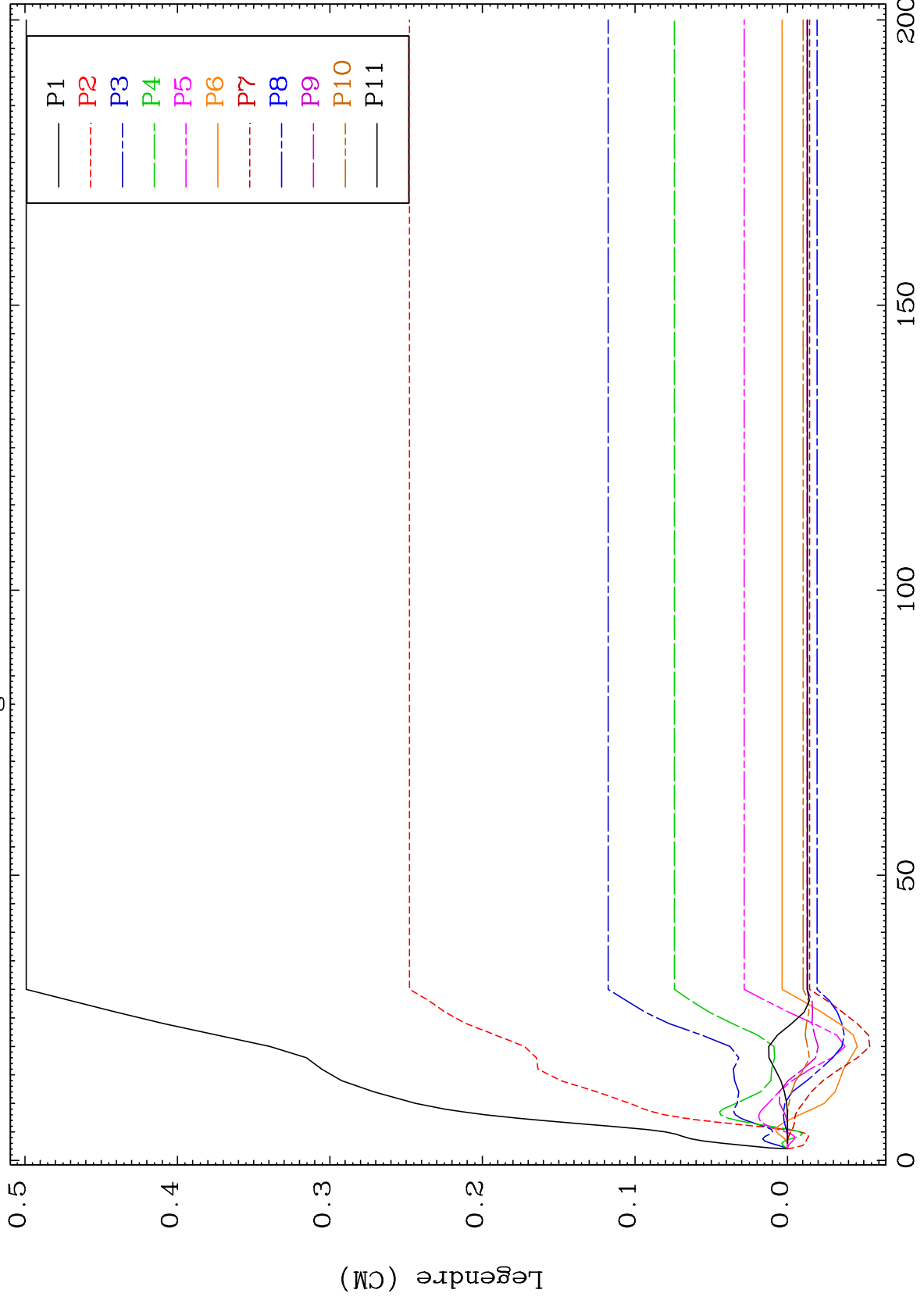
61 29-Cu-70

MAT 2946 MT= 64 (n,n') Level Legendre Coefficients 29-Cu-70



62 29-Cu-70

MAT 2946 MT= 65 (n,n') Level Legendre Coefficients 29-Cu-70

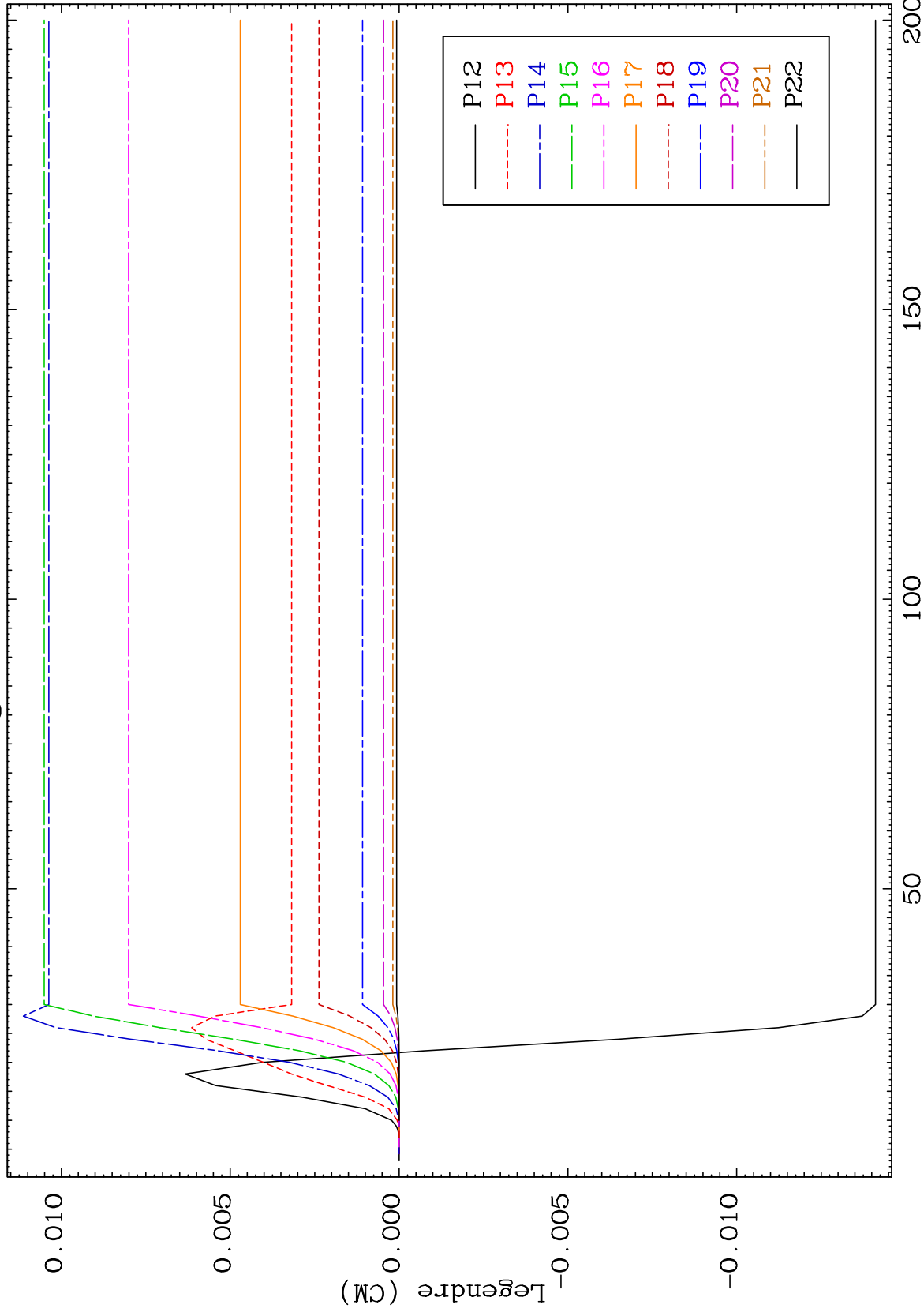


63 Incident Energy (MeV) 29-Cu-70

MAT 2946

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

29-Cu-70

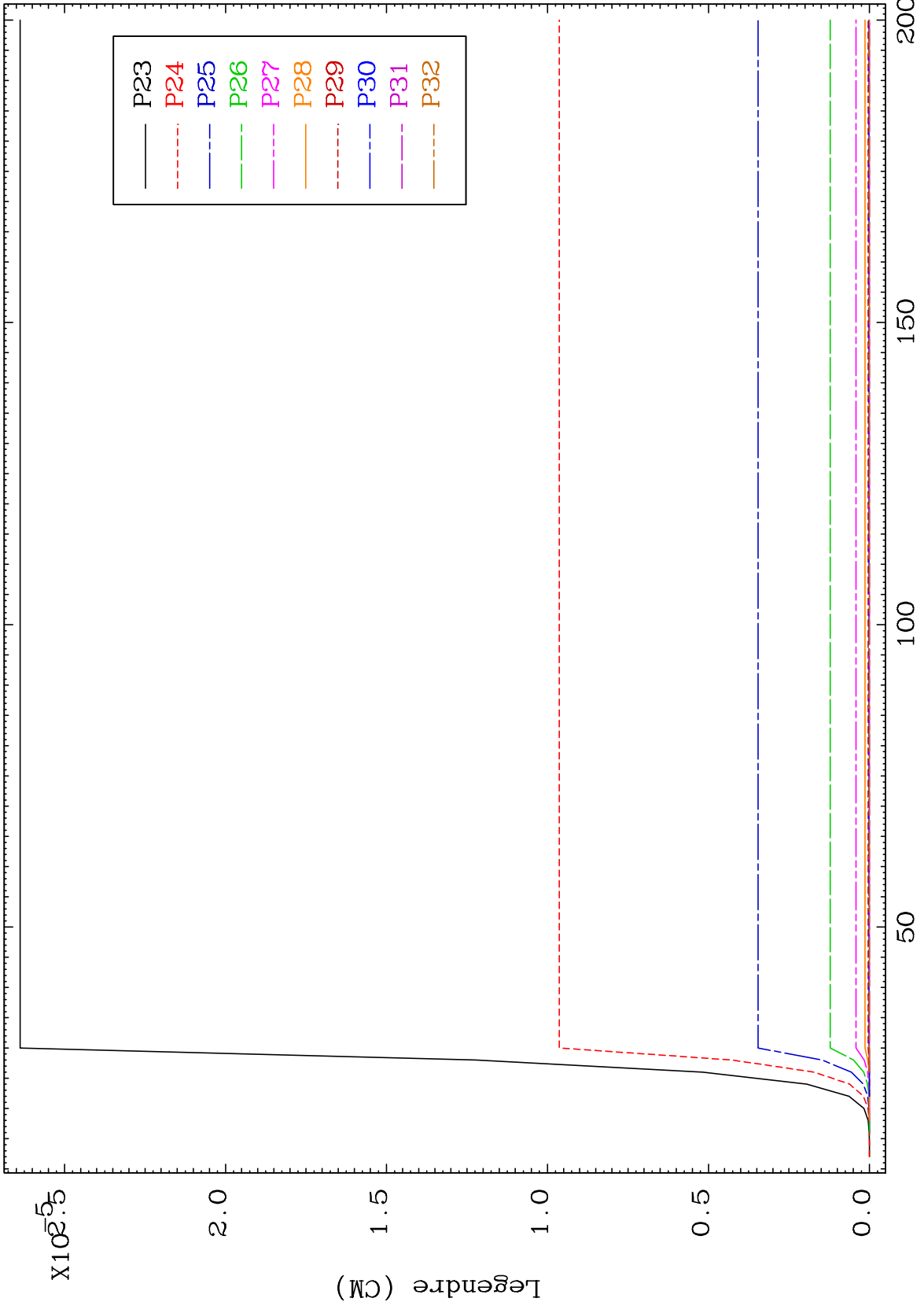


64

Incident Energy (MeV)

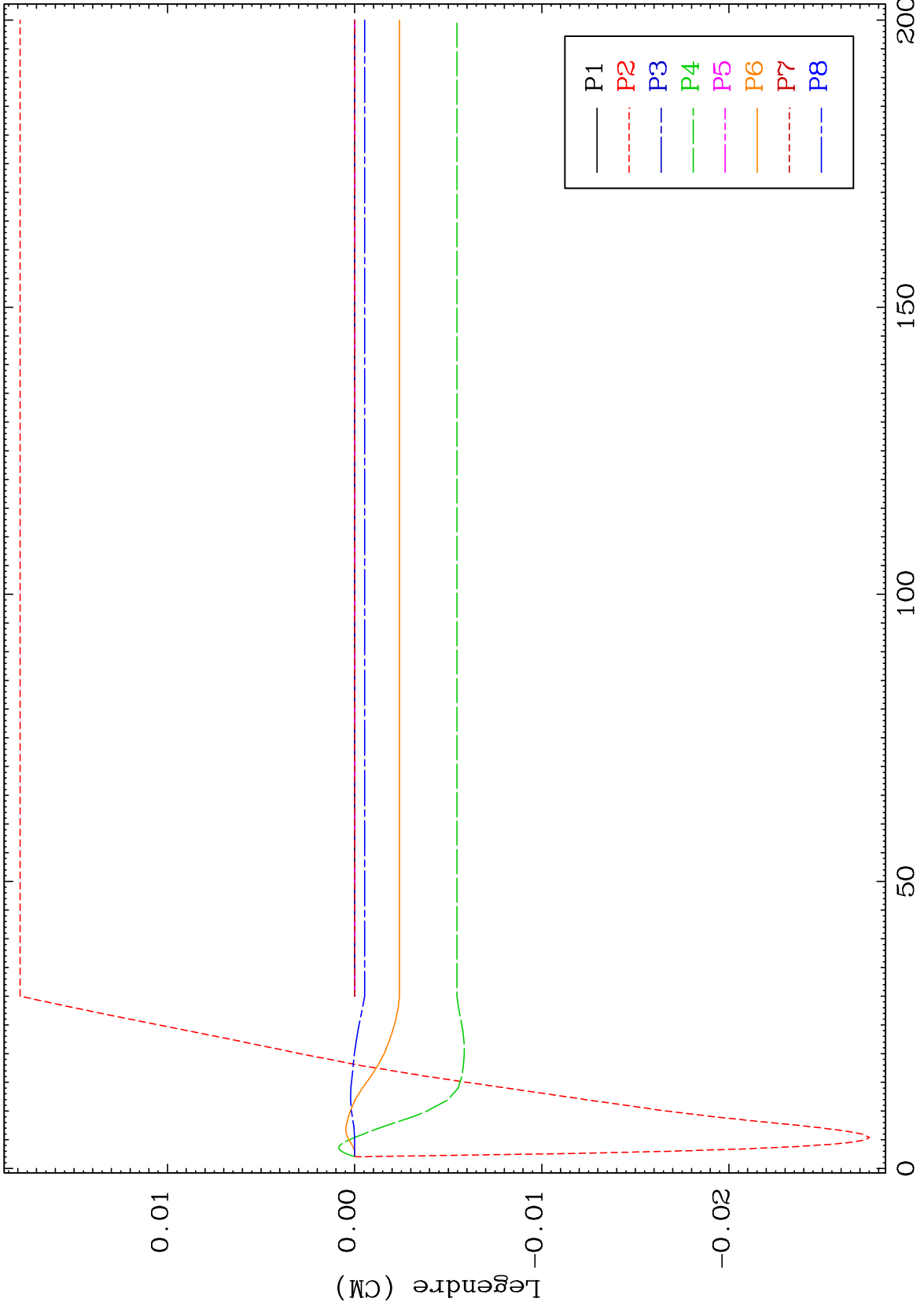
29-Cu-70

MAT 2946 MT= 65 (n,n') Level Legendre Coefficients 29-Cu-70



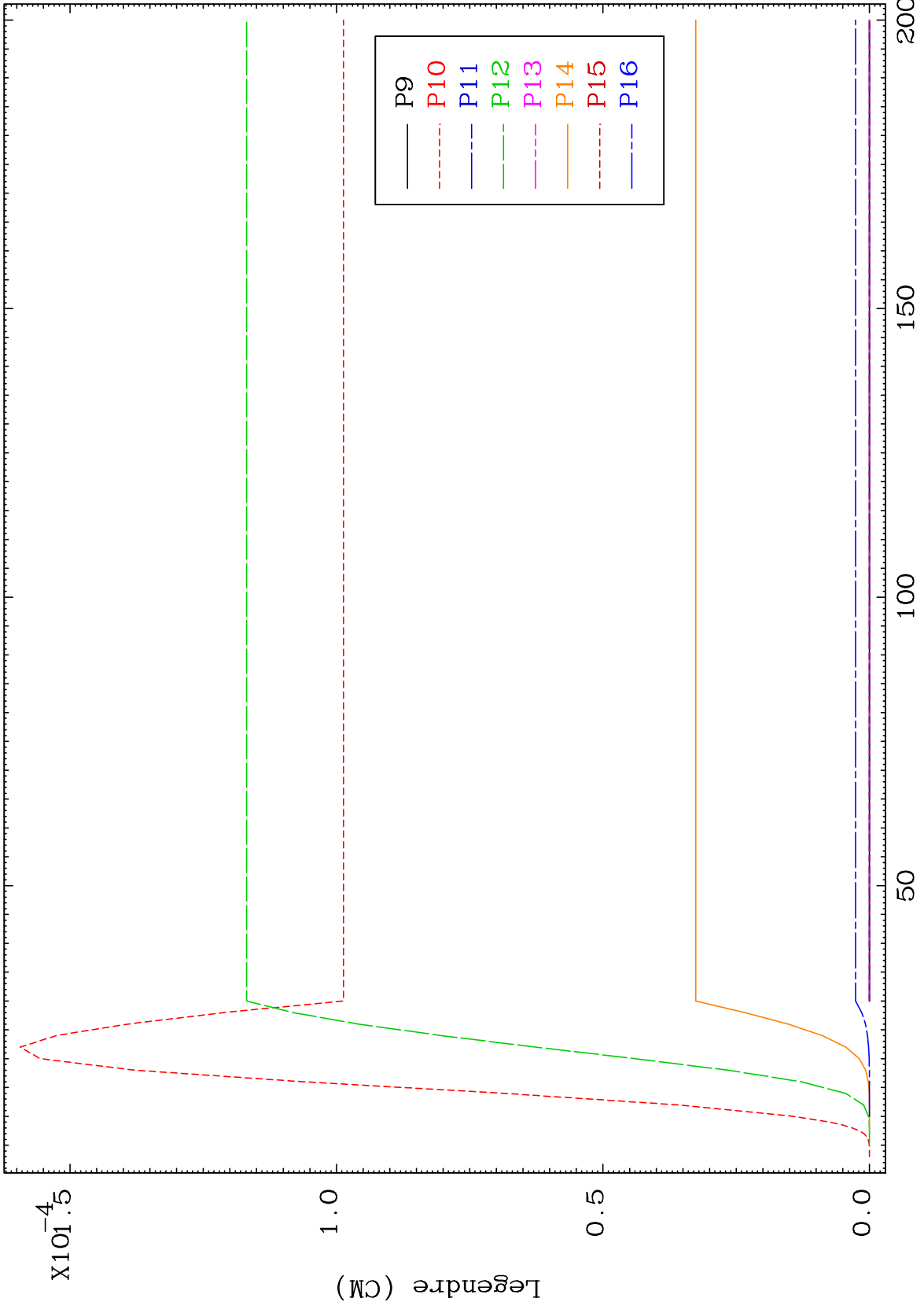
65 Incident Energy (MeV) 29-Cu-70

MAT 2946 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-70



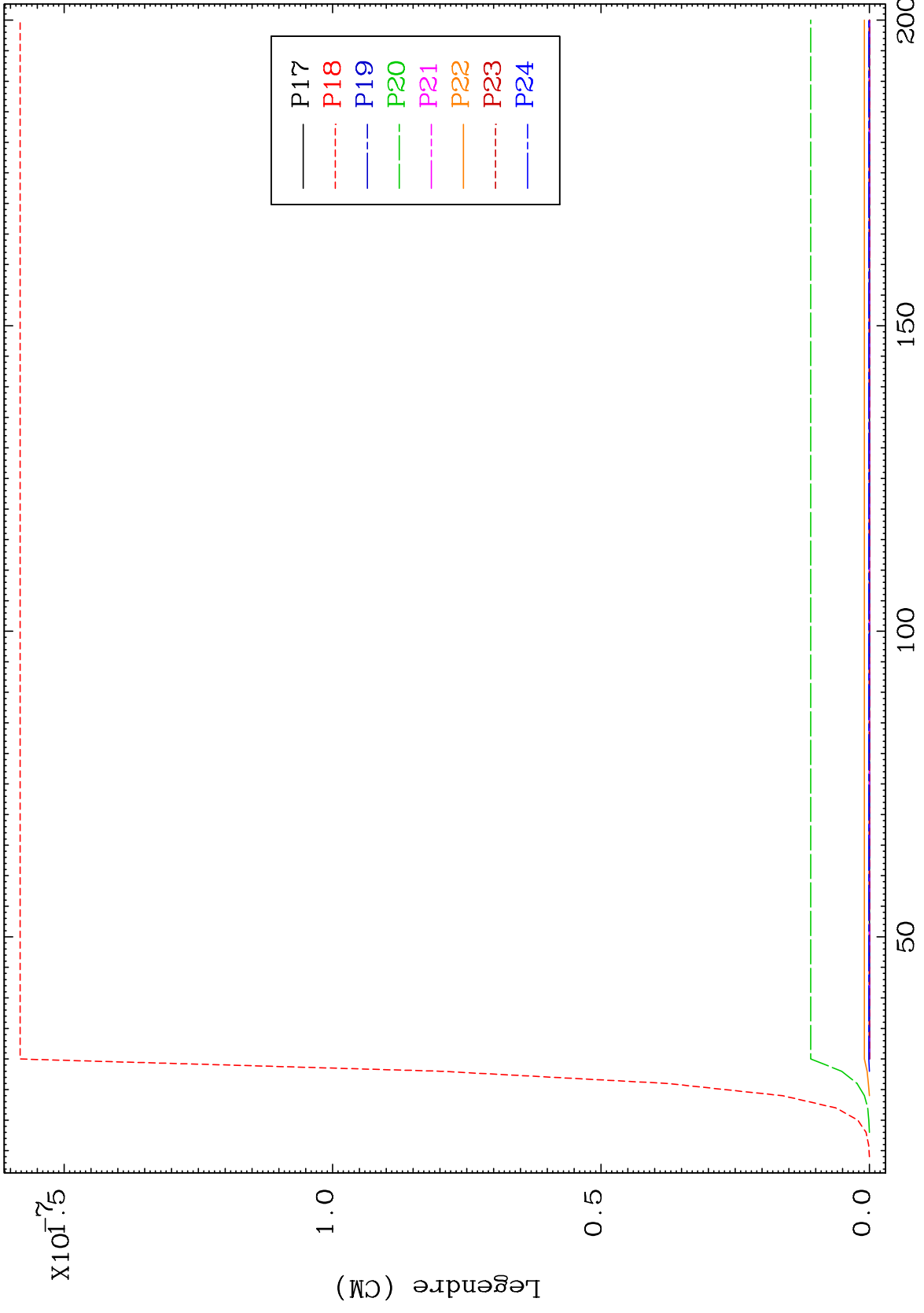
66 29-Cu-70

MAT 2946 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-70



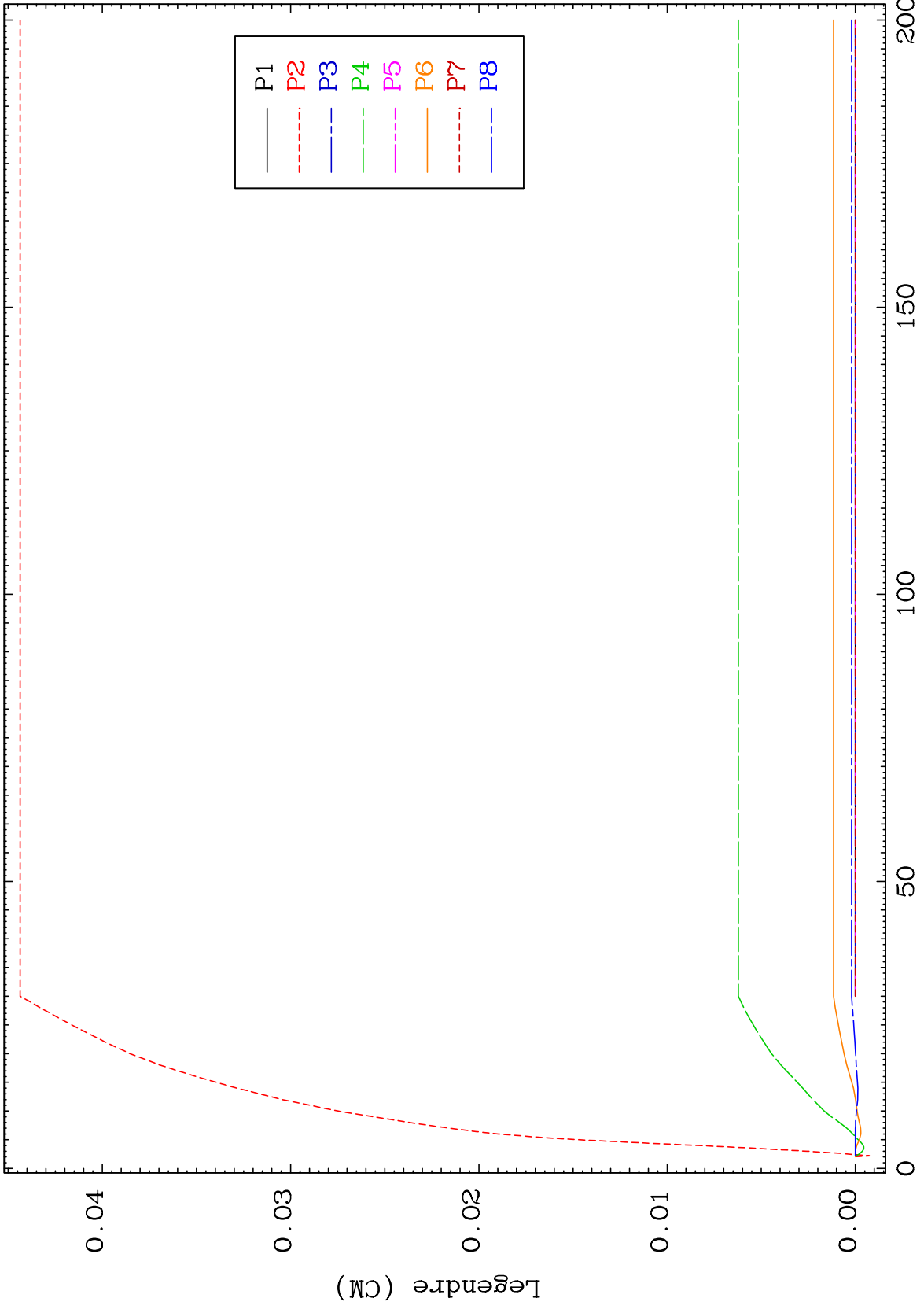
67 Incident Energy (MeV) 29-Cu-70

MAT 2946 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-70



68 Incident Energy (MeV) 29-Cu-70

MAT 2946 MT= 67 (n,n') Level Legendre Coefficients 29-Cu-70

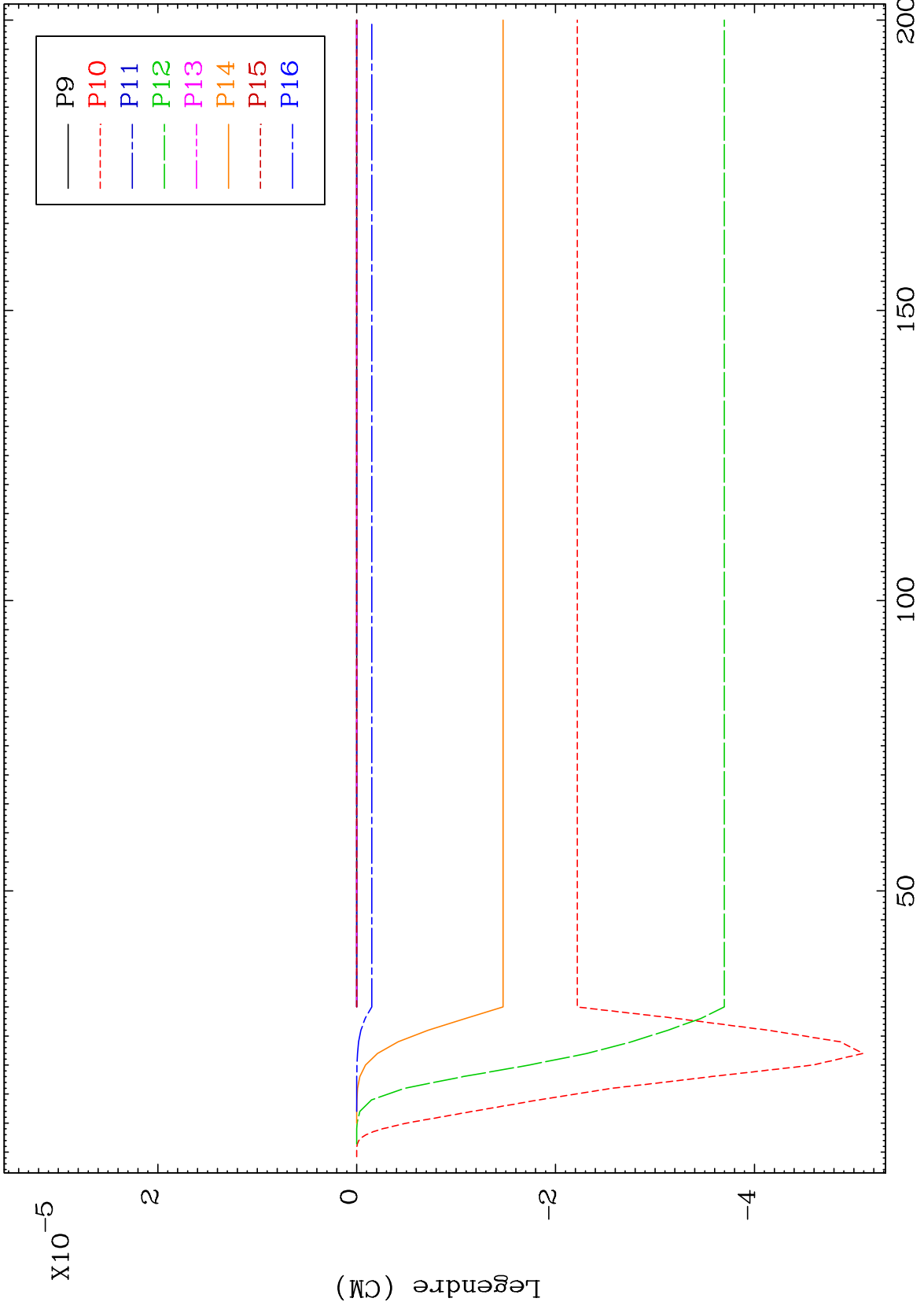


69 29-Cu-70

MAT 2946

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

29-Cu-70

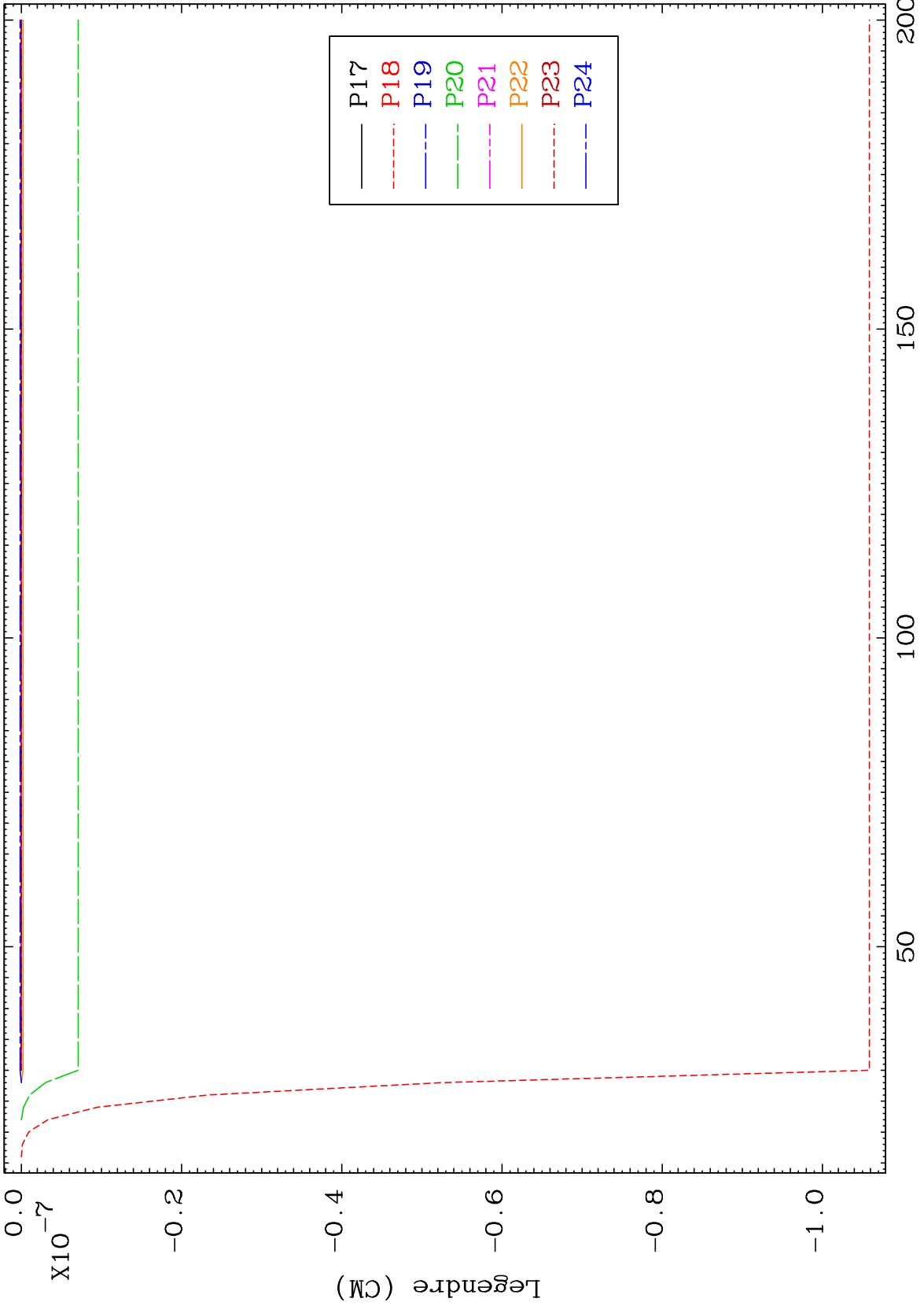


70

Incident Energy (MeV)

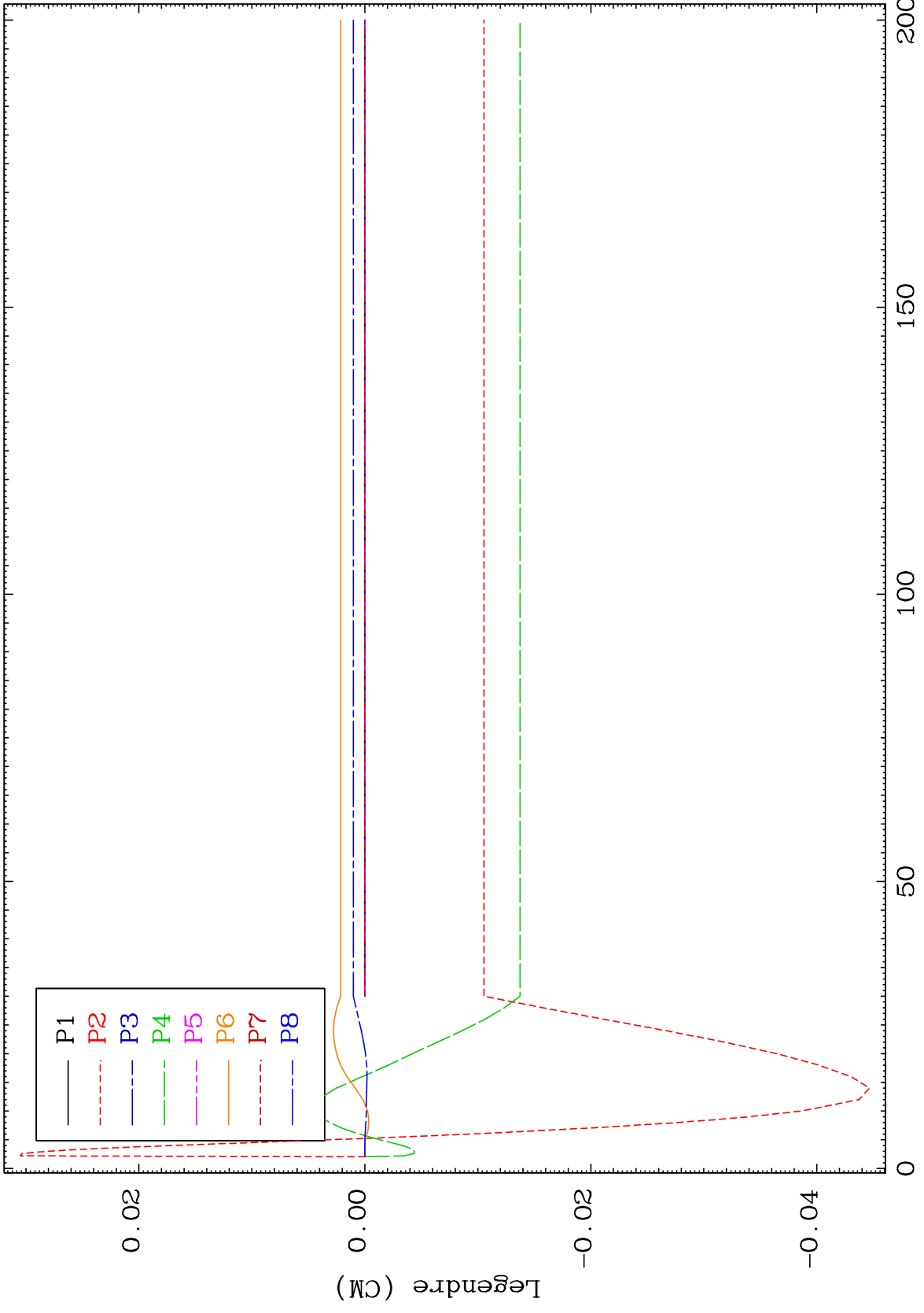
29-Cu-70

MAT 2946 MT= 67 (n,n') Level Legendre Coefficients 29-Cu-70



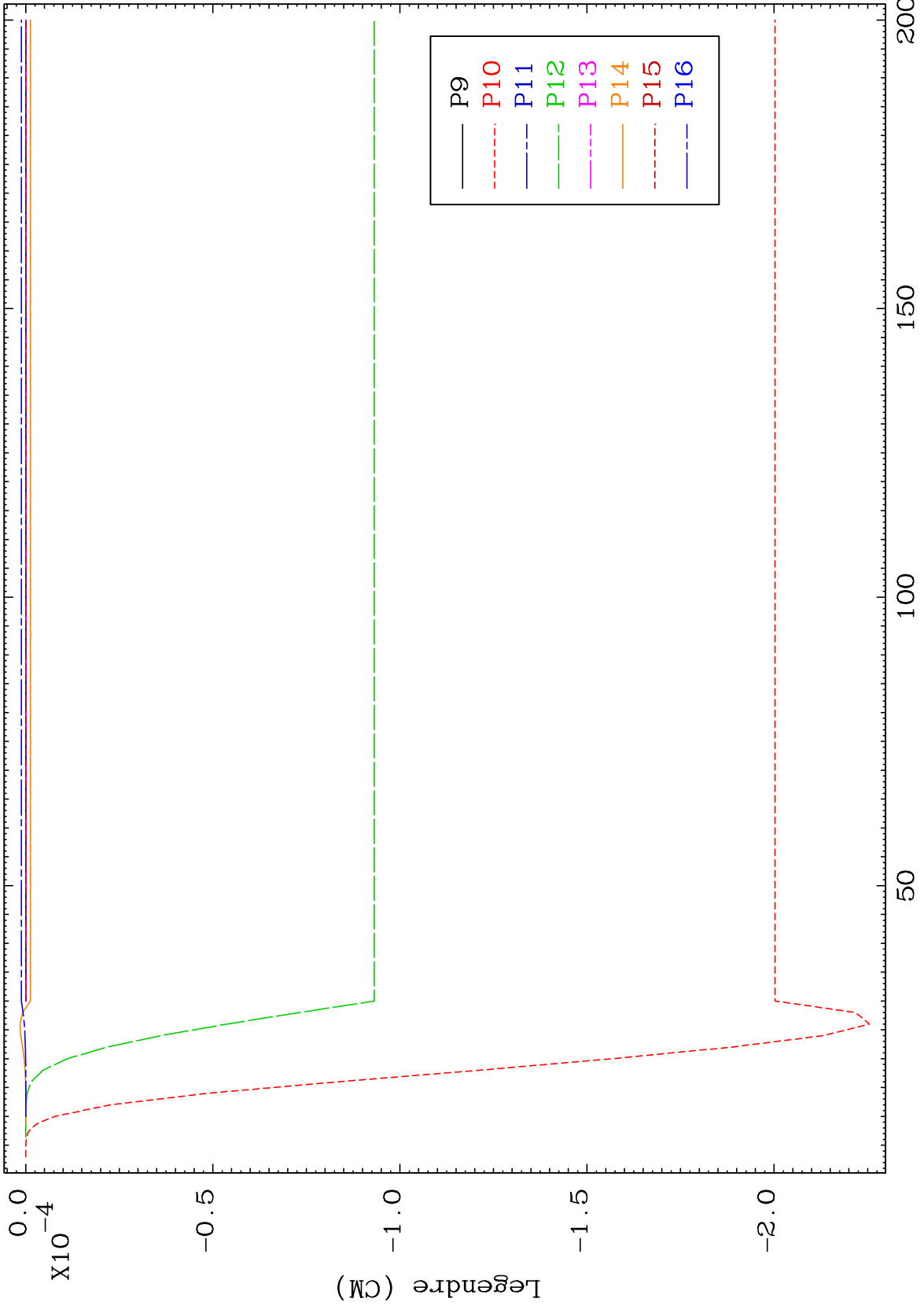
71 29-Cu-70

MAT 2946 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-70

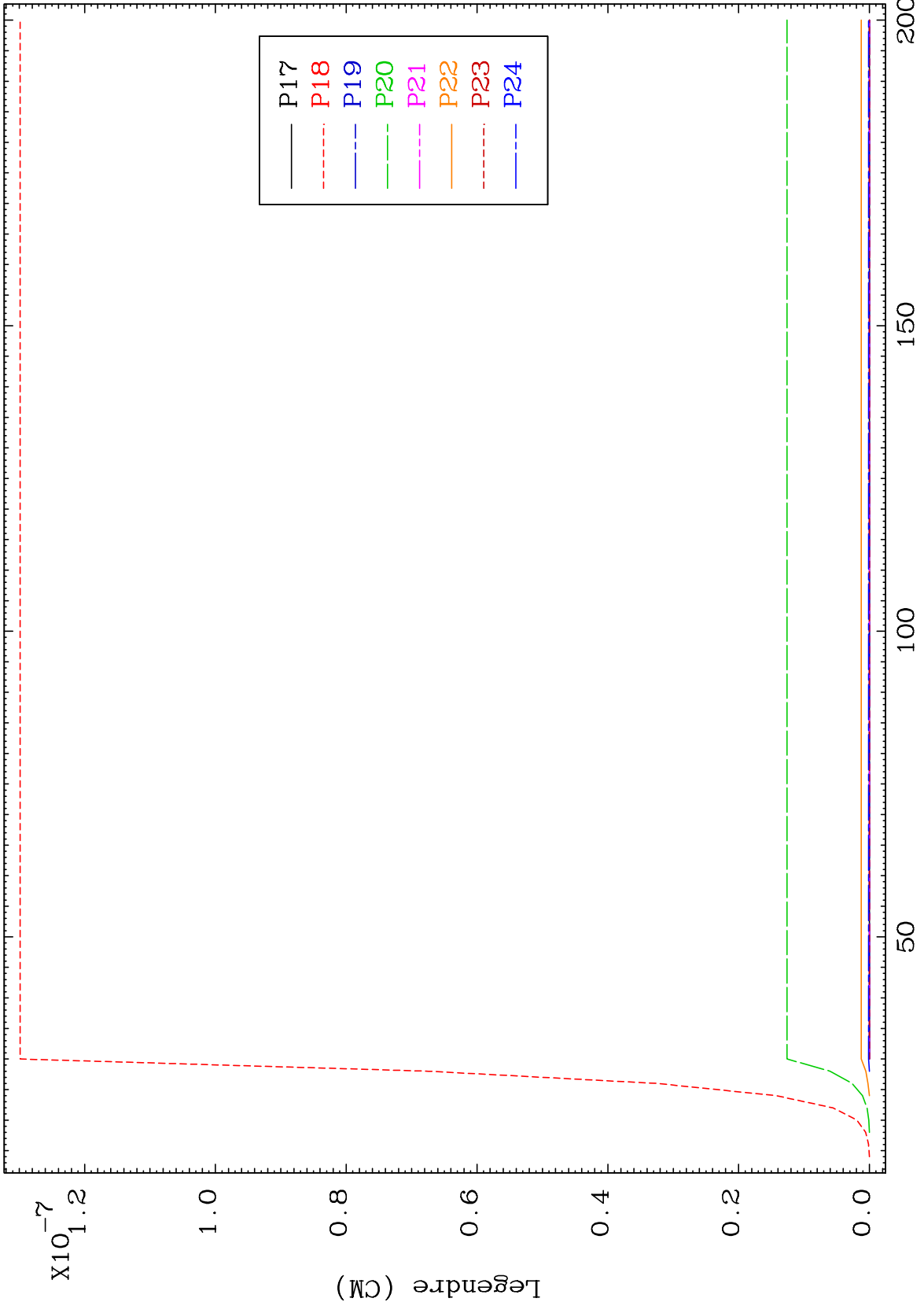


72 29-Cu-70

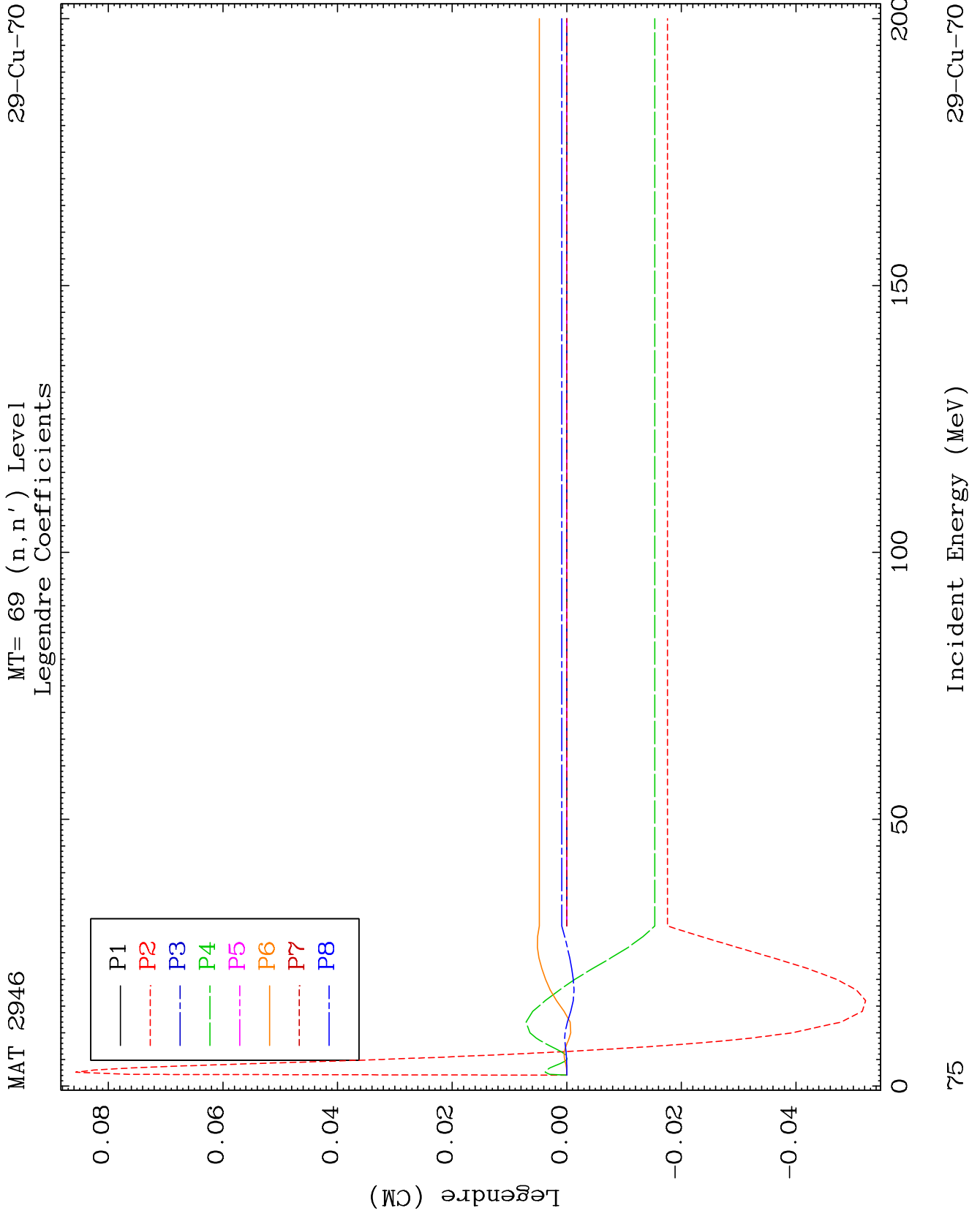
MAT 2946 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-70



MAT 2946 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-70



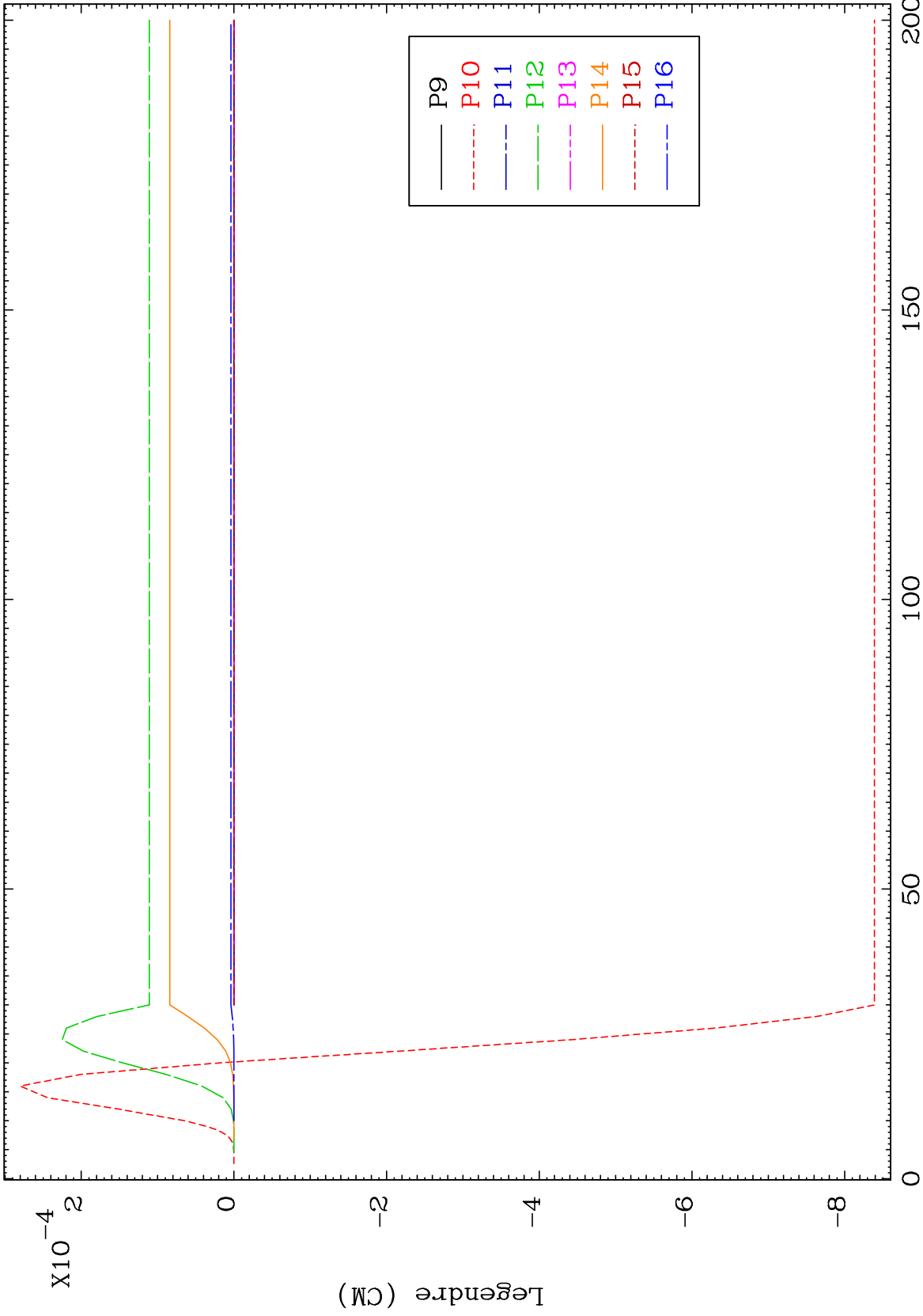
74 Incident Energy (MeV) 200 29-Cu-70



MAT 2946

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

29-Cu-70

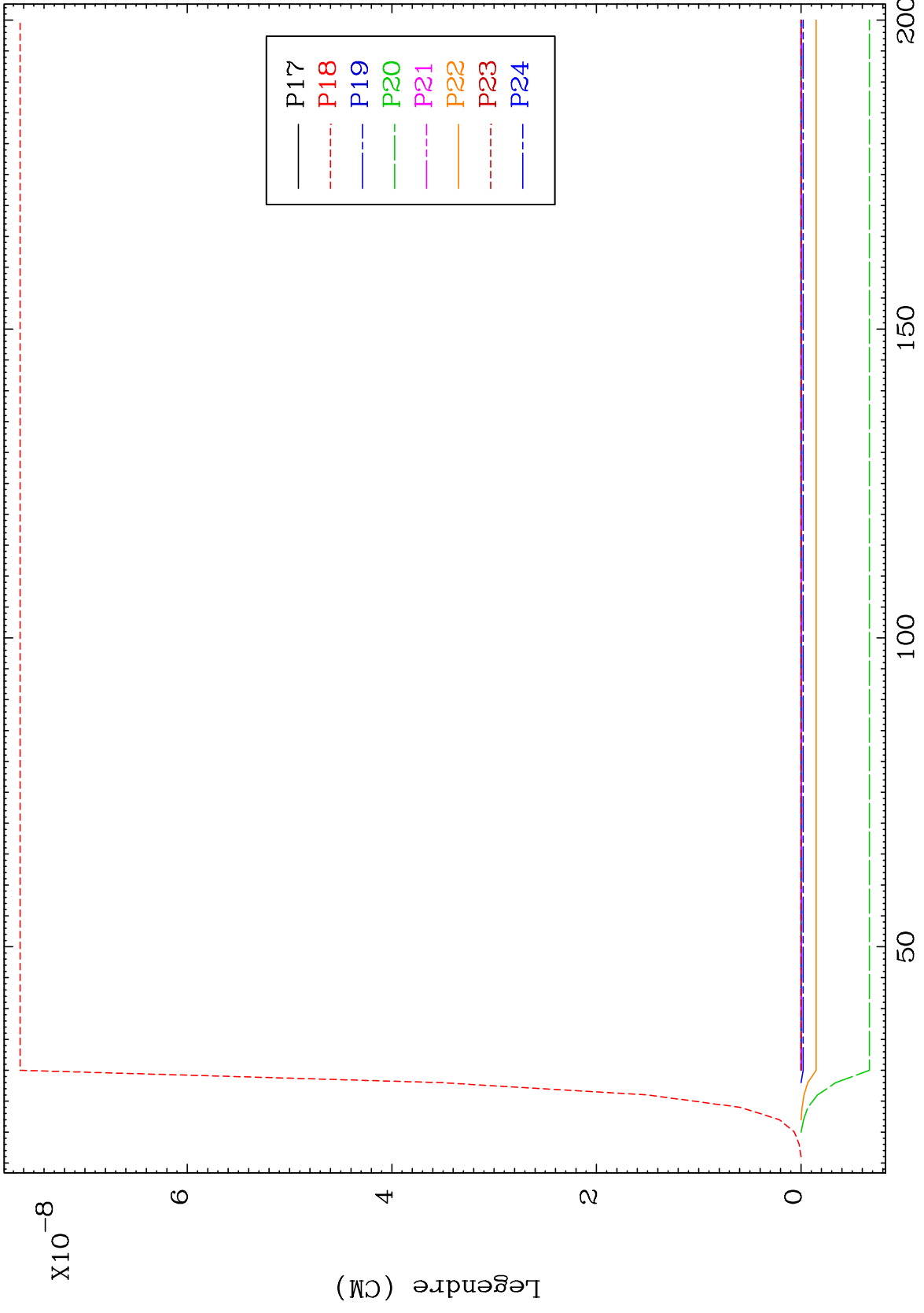


76

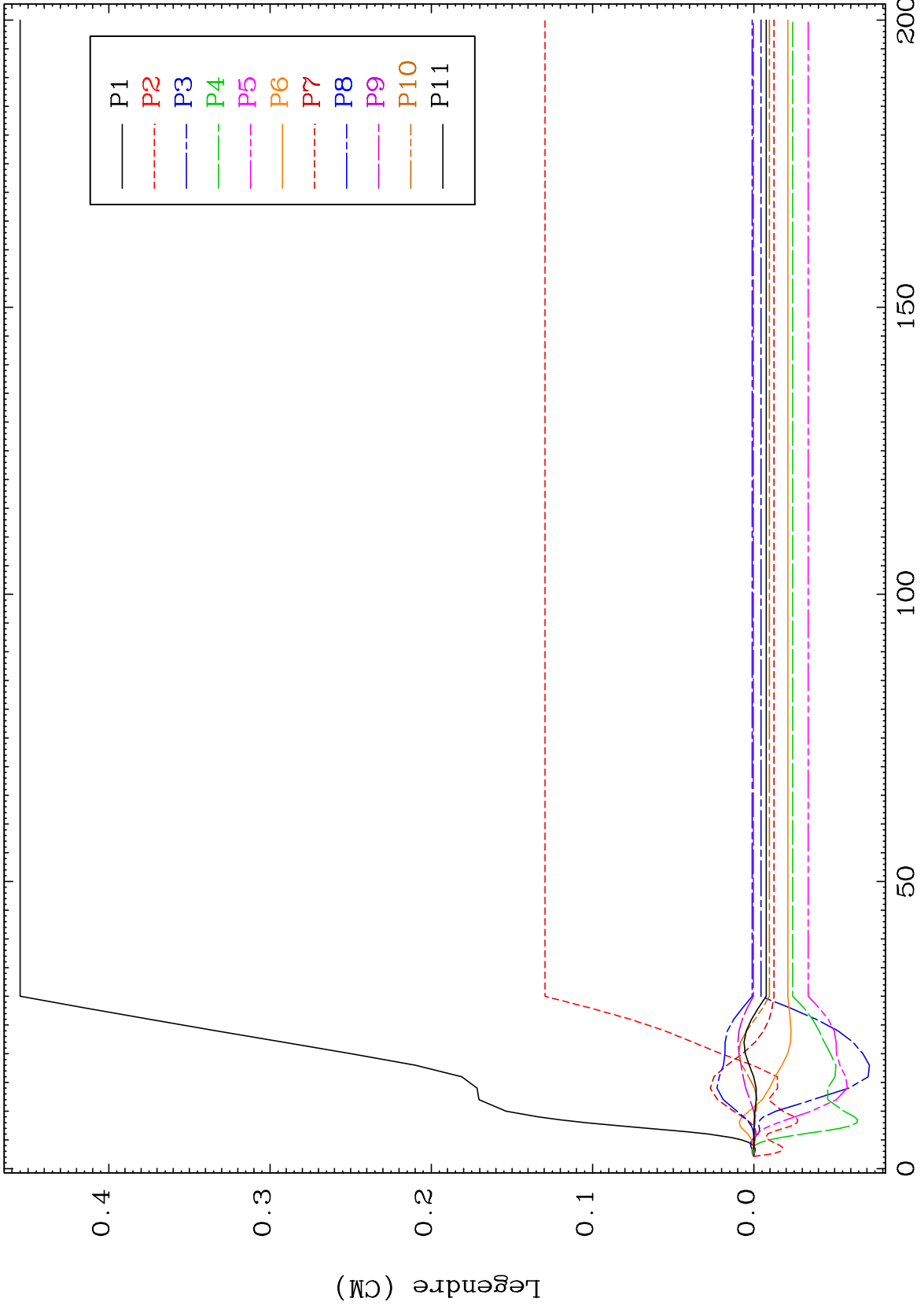
Incident Energy (MeV)

29-Cu-70

MAT 2946 MT= 69 (n,n') Level Legendre Coefficients 29-Cu-70



MAT 2946 MT= 70 (n,n') Level Legendre Coefficients 29-Cu-70

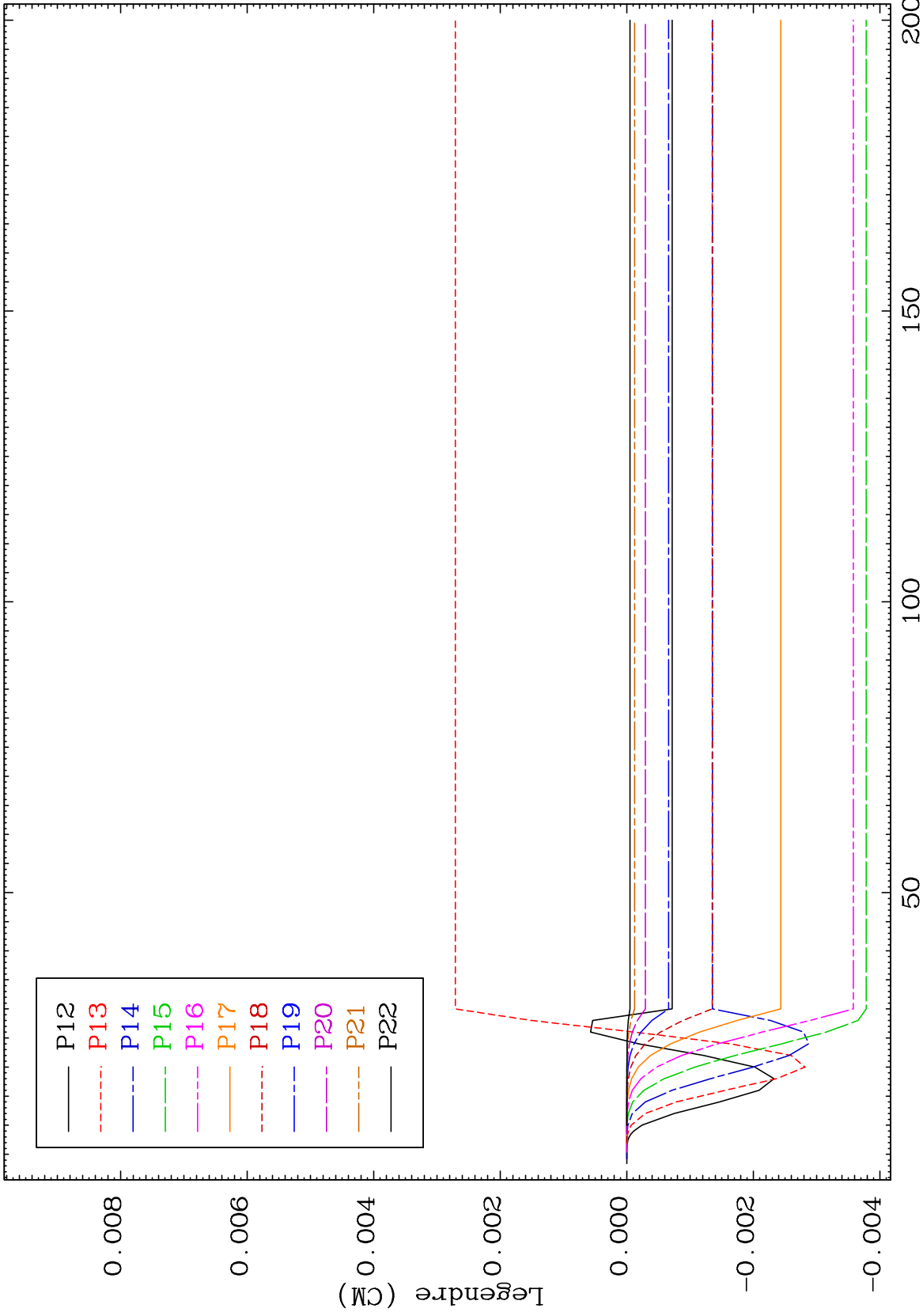


78 Incident Energy (MeV) 29-Cu-70

MAT 2946

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

29-Cu-70

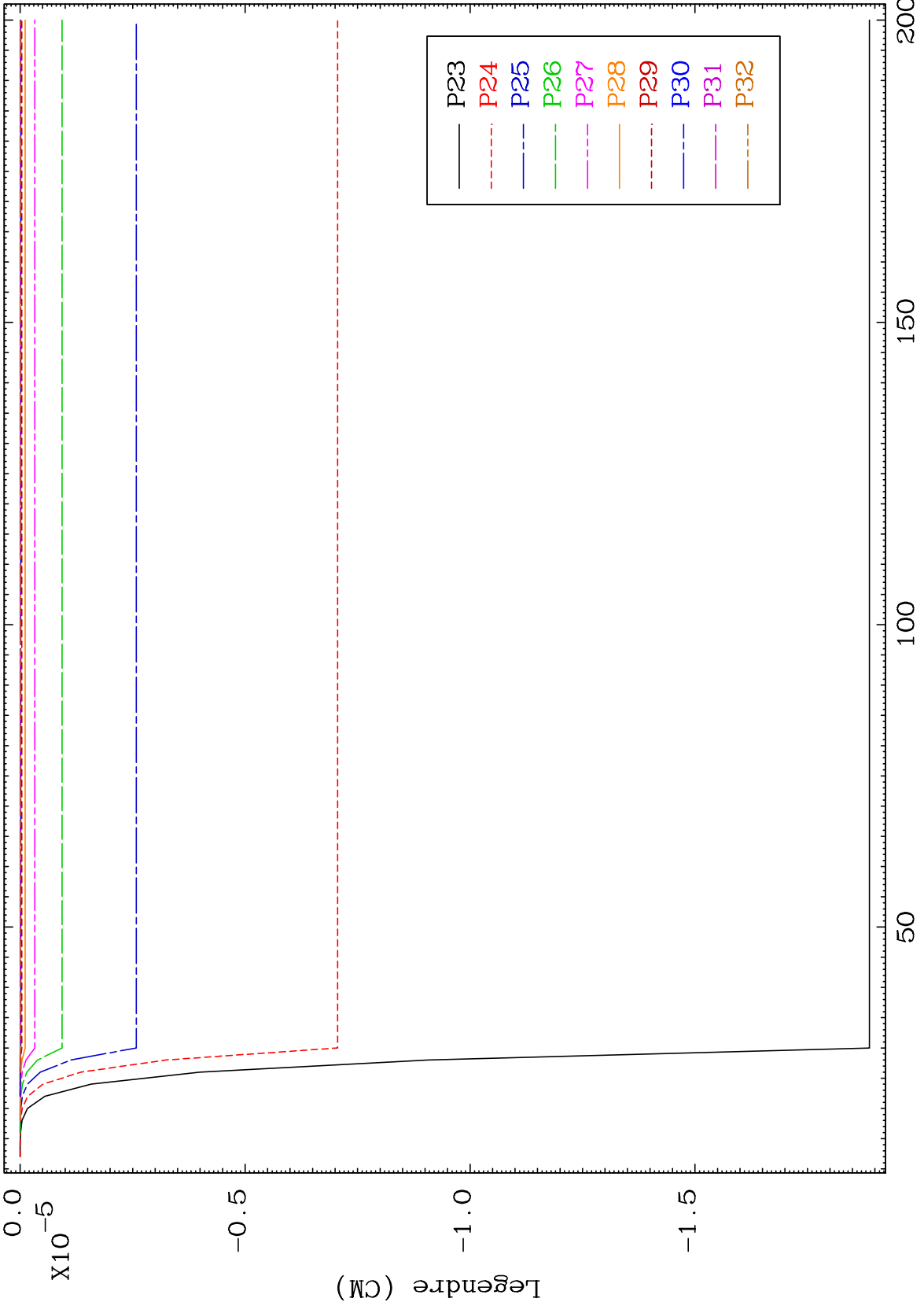


79

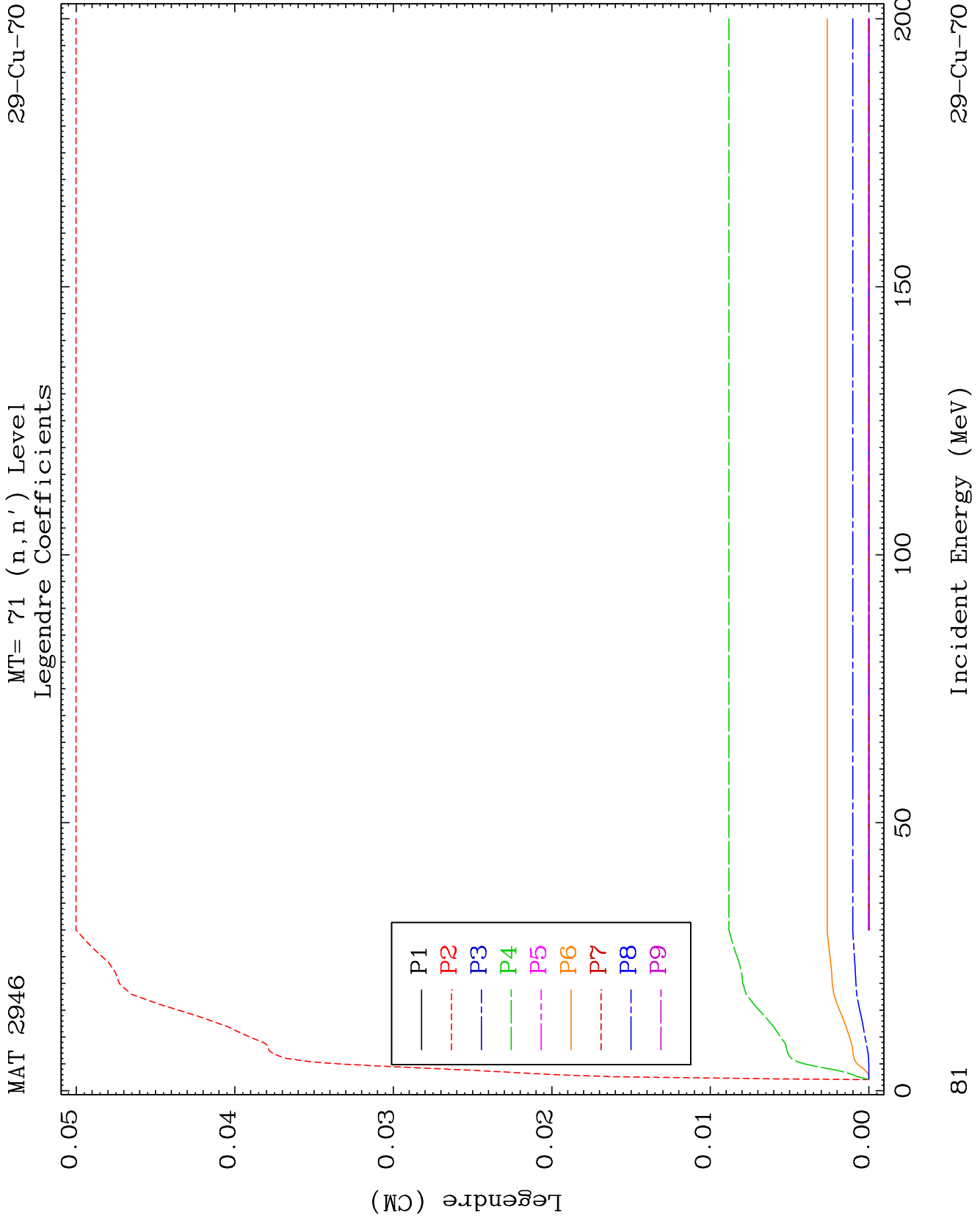
Incident Energy (MeV)

29-Cu-70

MAT 2946 MT= 70 (n,n') Level Legendre Coefficients 29-Cu-70



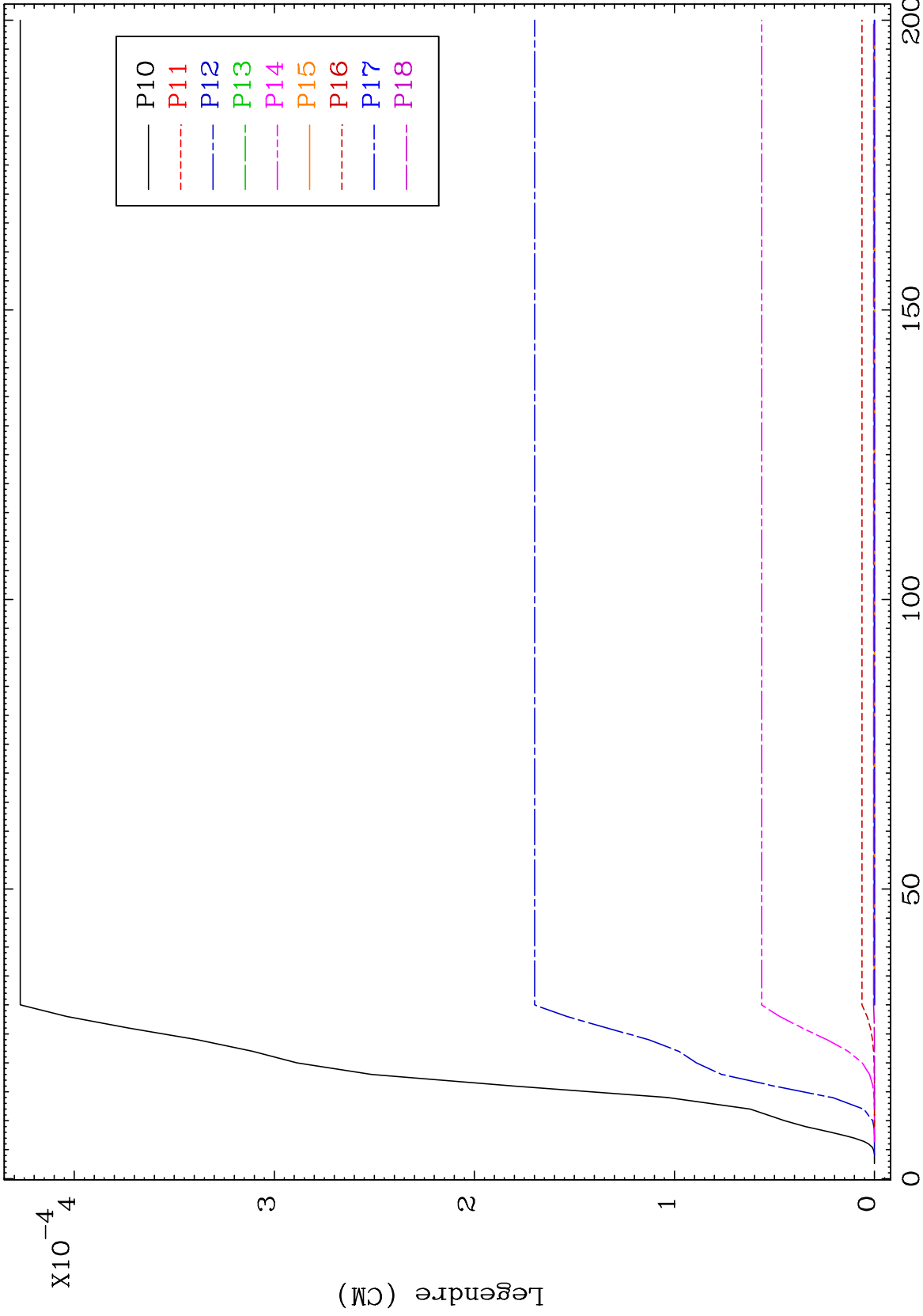
80 50 100 150 200 29-Cu-70



MAT 2946

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

29-Cu-70

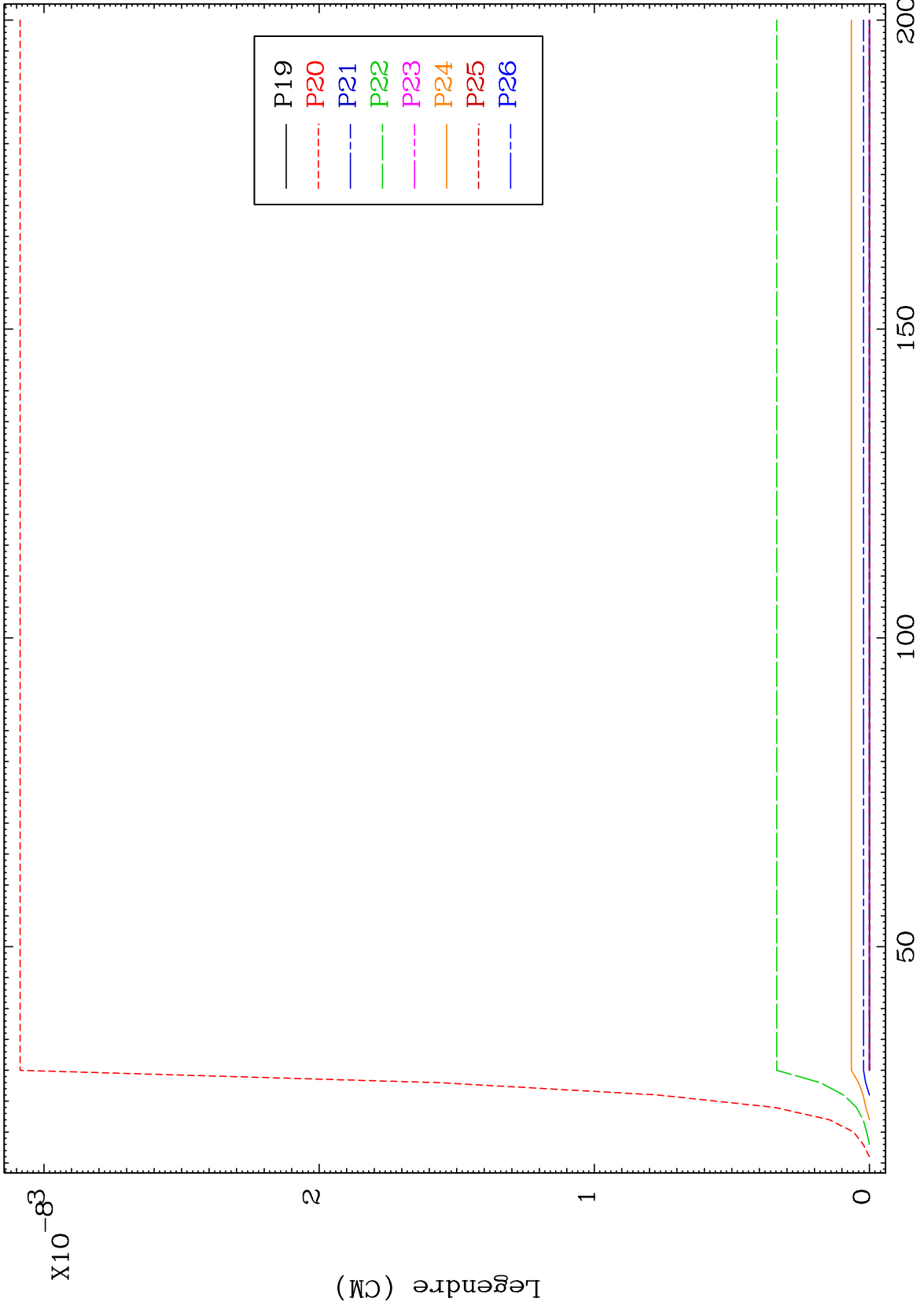


82

Incident Energy (MeV)

29-Cu-70

MAT 2946 MT= 71 (n,n') Level Legendre Coefficients 29-Cu-70

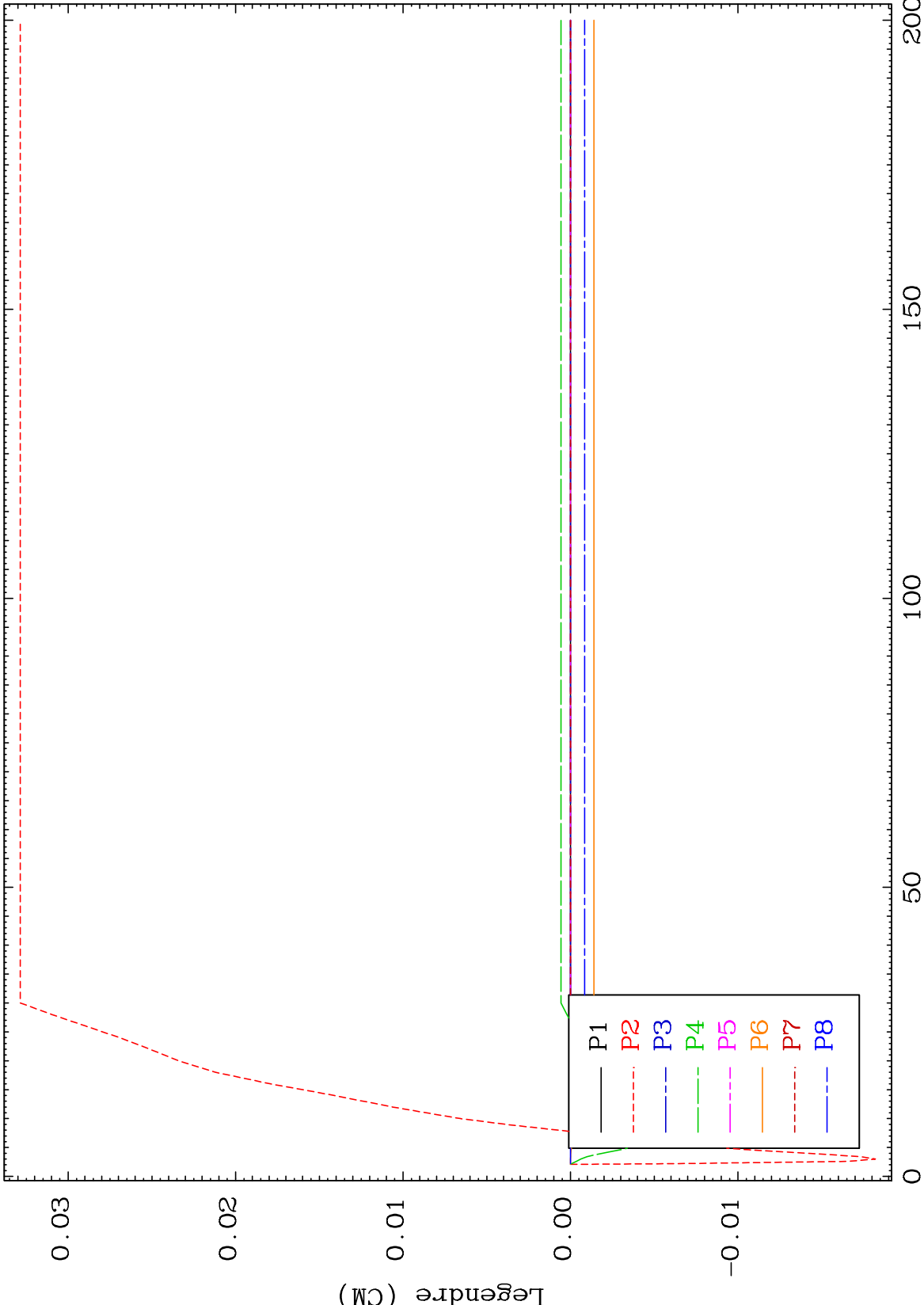


83 Incident Energy (MeV) 29-Cu-70

MAT 2946 MT= 72 (n,n') Level Legendre Coefficients

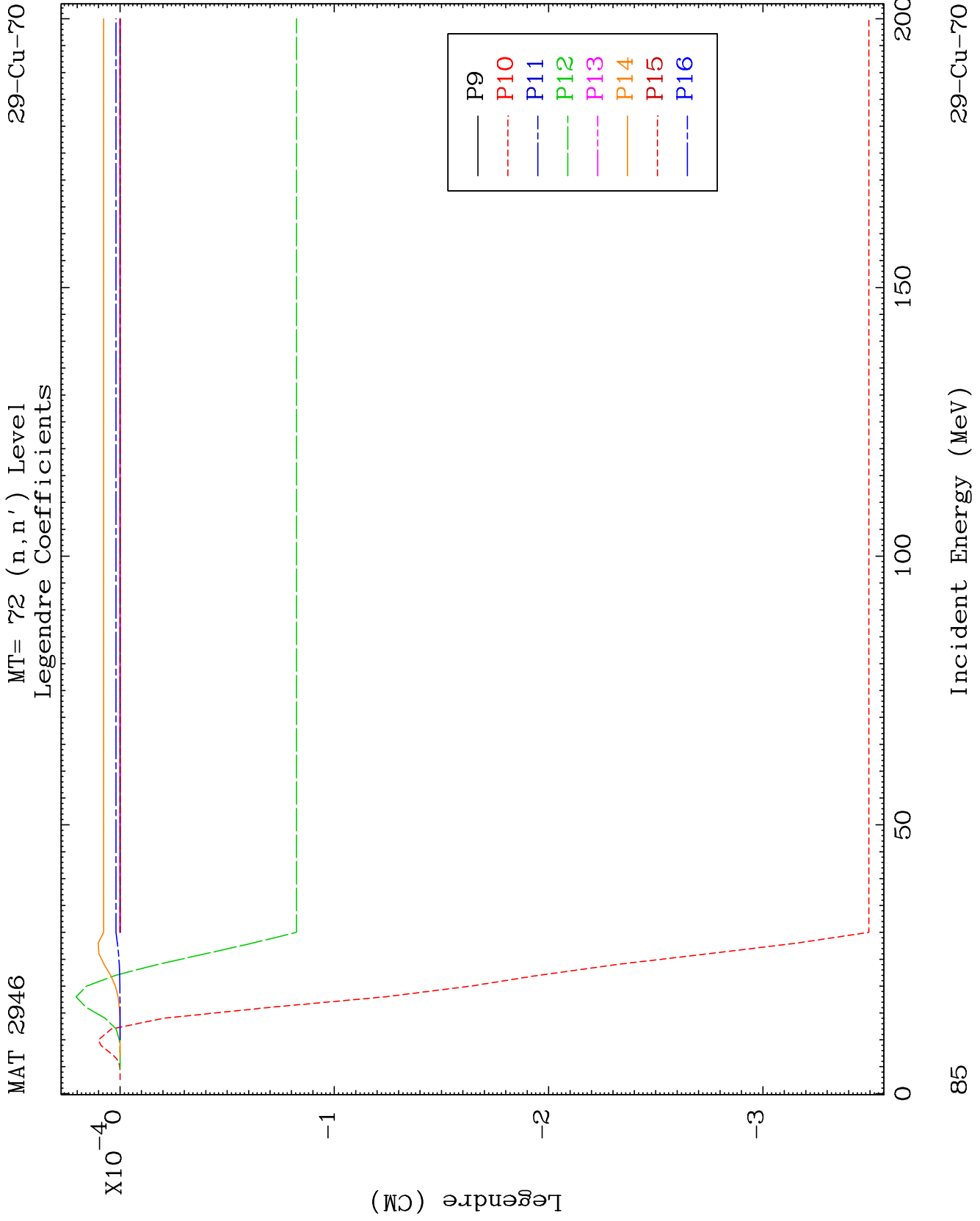
29-Cu-70

84

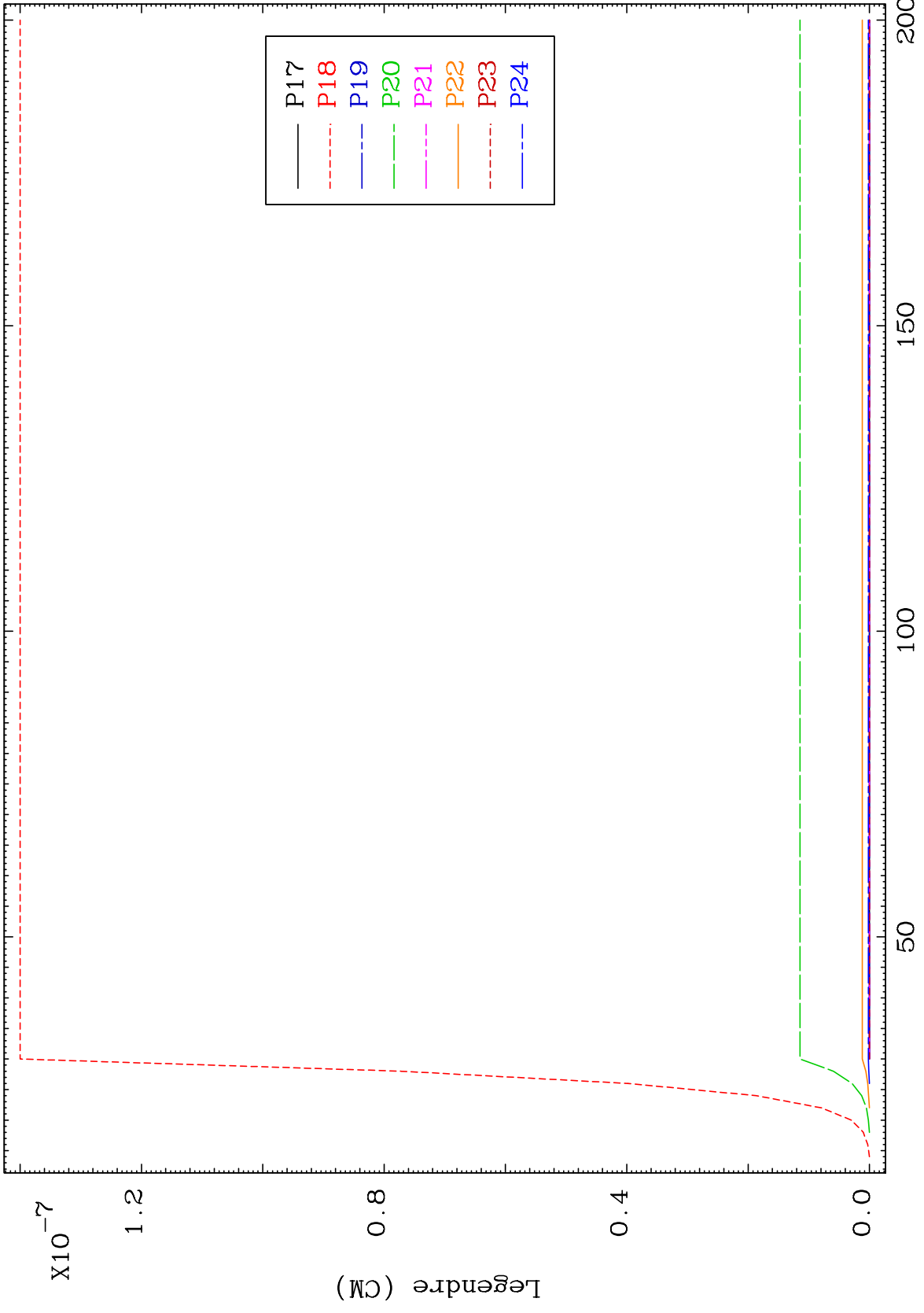


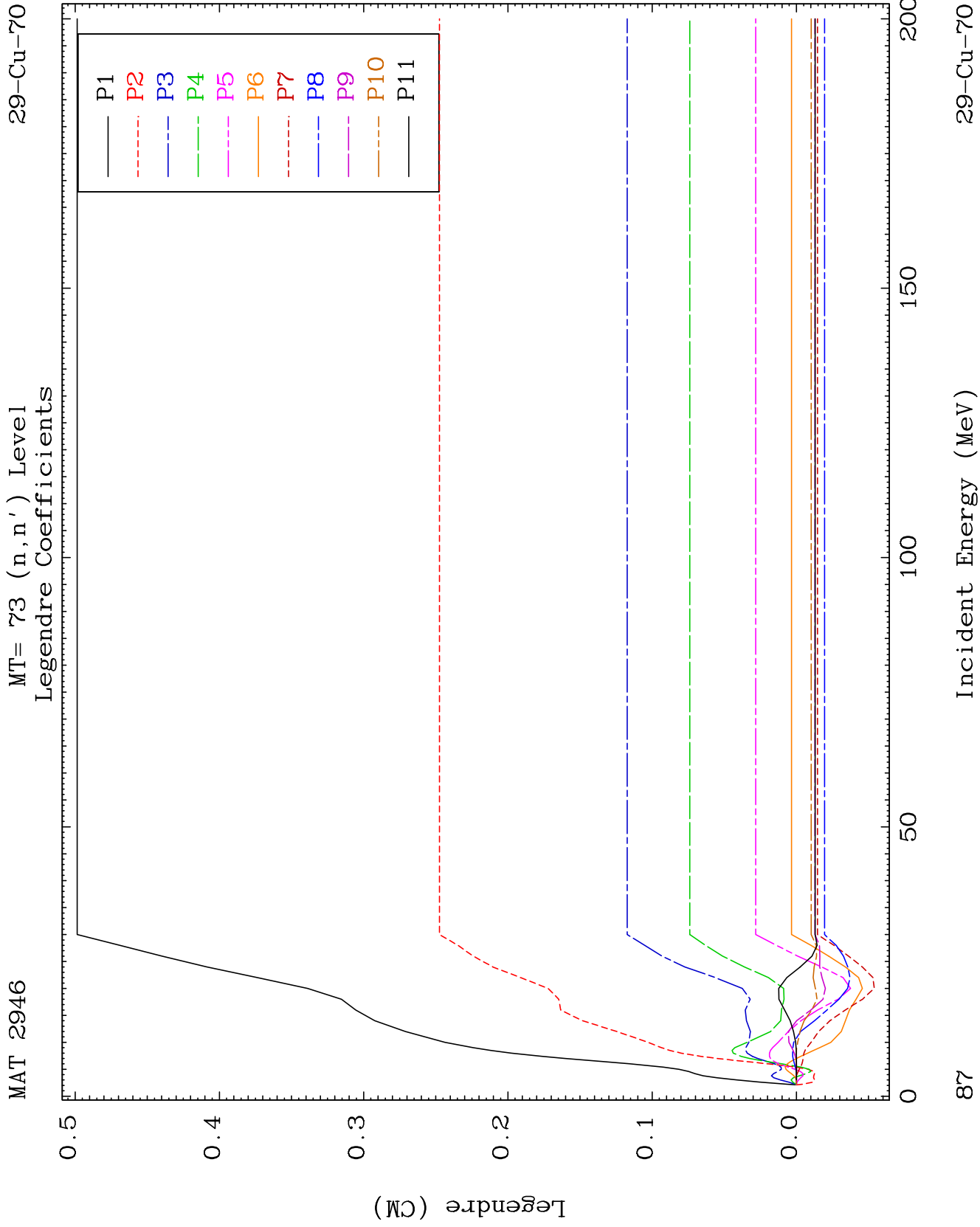
29-Cu-70

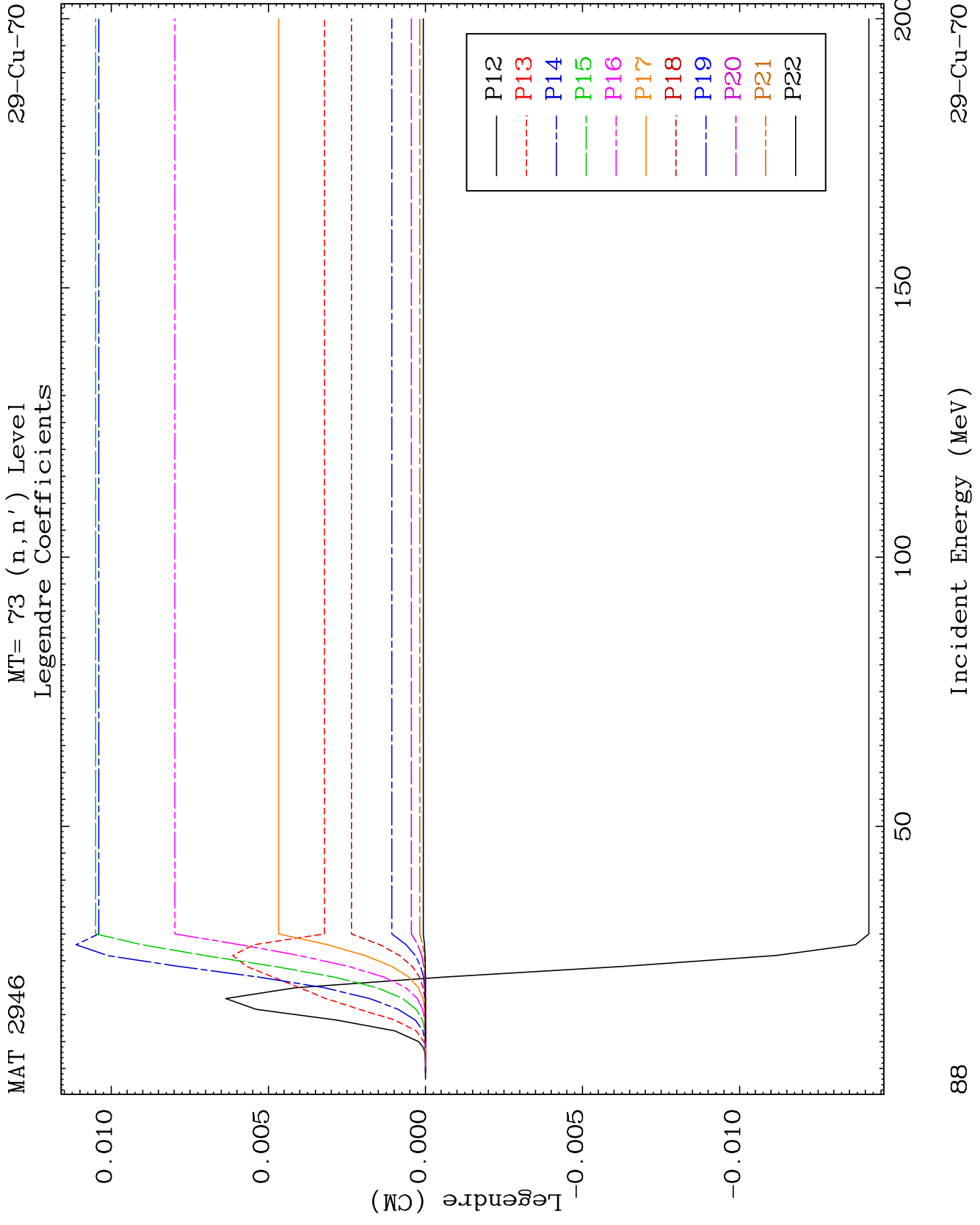
84



MAT 2946 MT= 72 (n,n') Level Legendre Coefficients 29-Cu-70



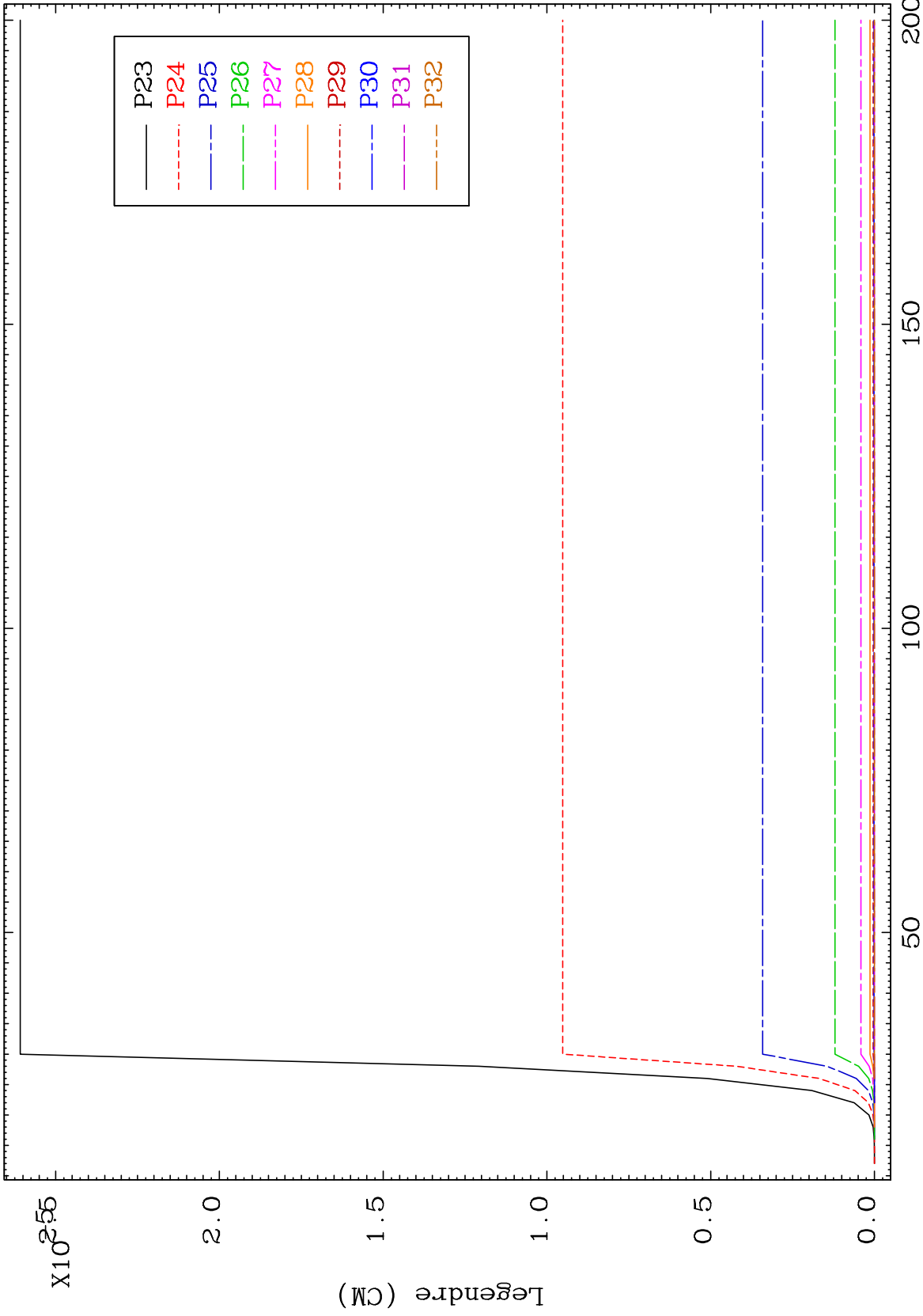




MAT 2946

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

29-Cu-70

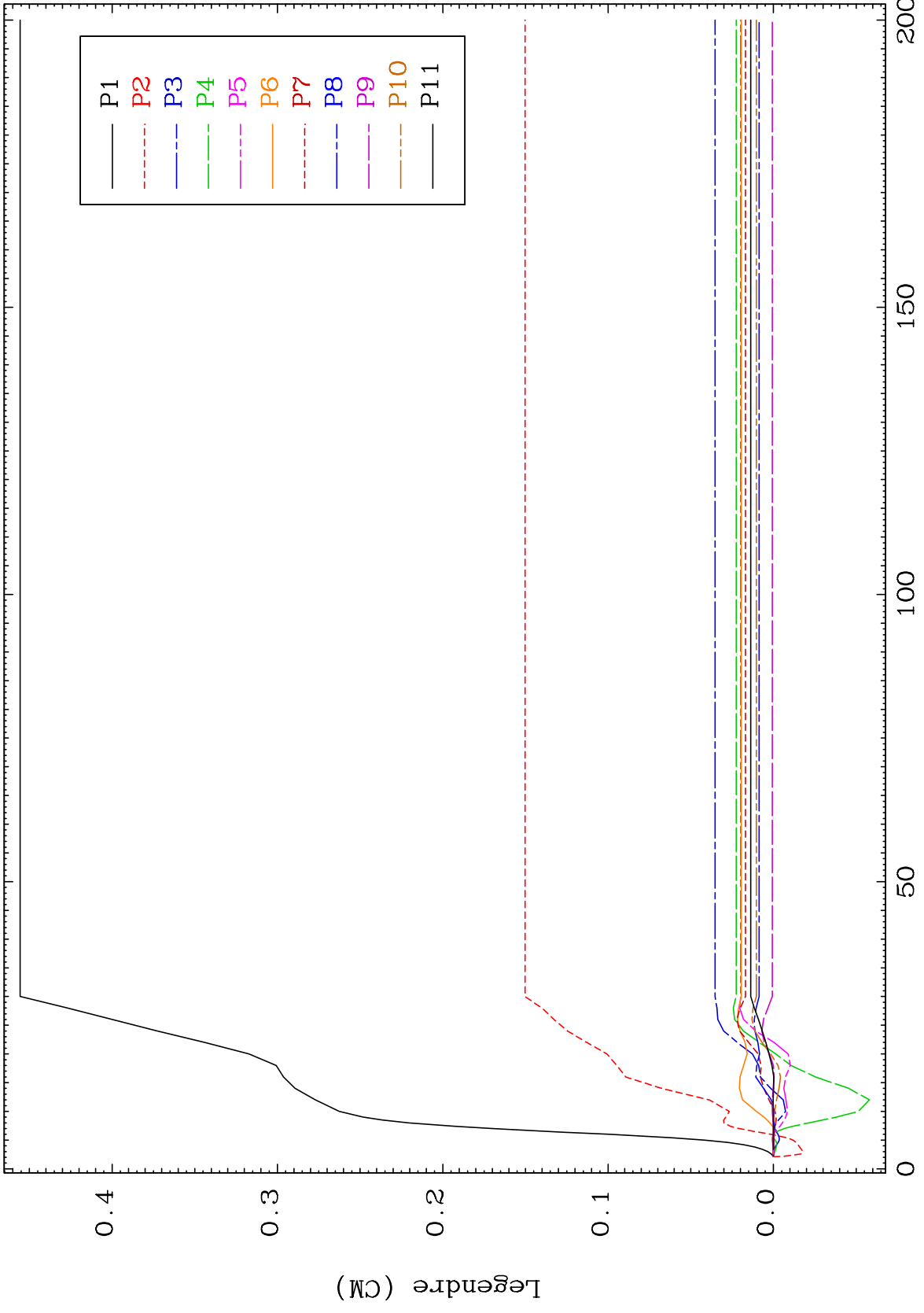


89

Incident Energy (MeV)

29-Cu-70

MAT 2946 MT= 74 (n,n') Level Legendre Coefficients 29-Cu-70

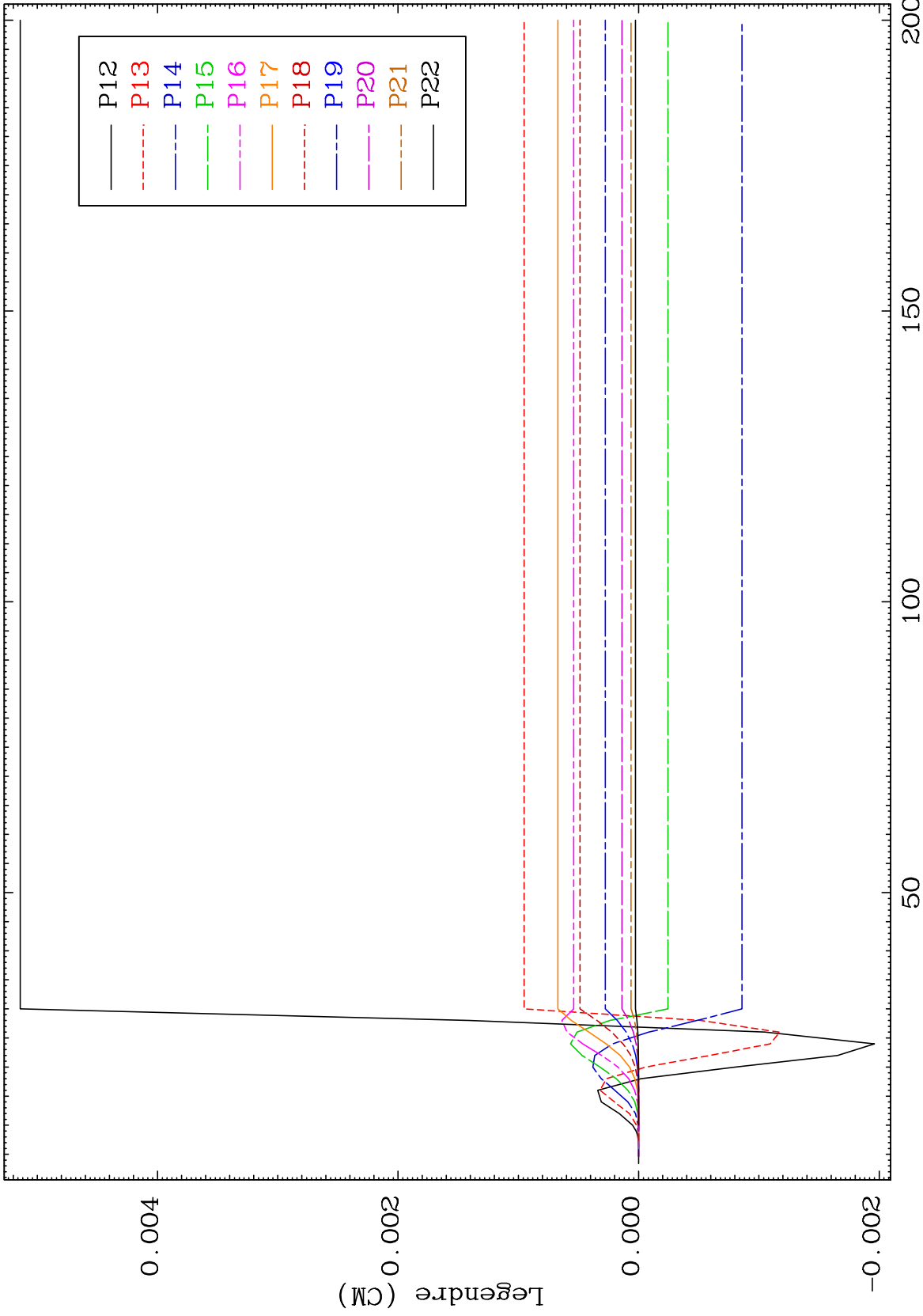


29-Cu-70

MAT 2946

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

29-Cu-70



91

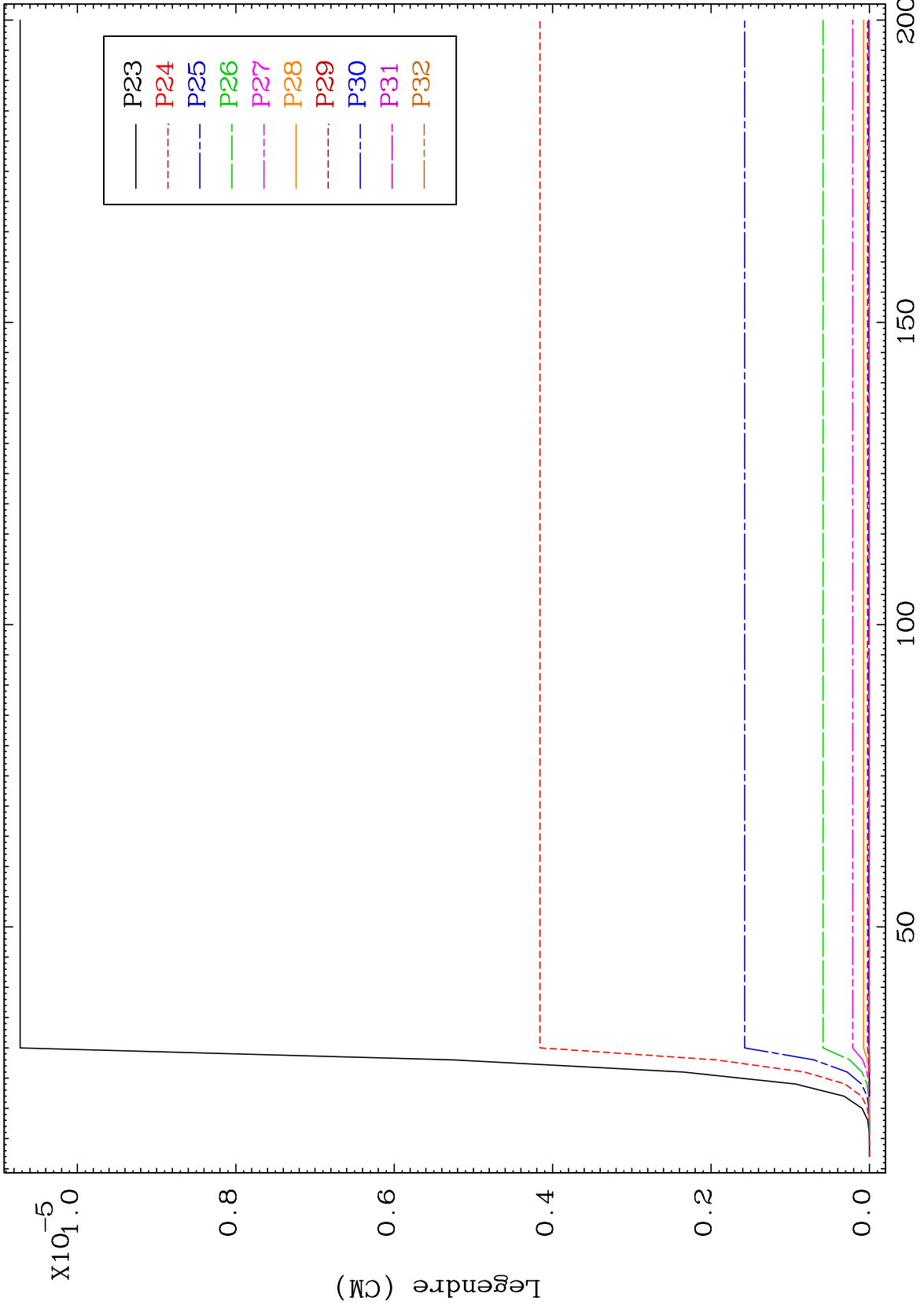
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

29-Cu-70



92

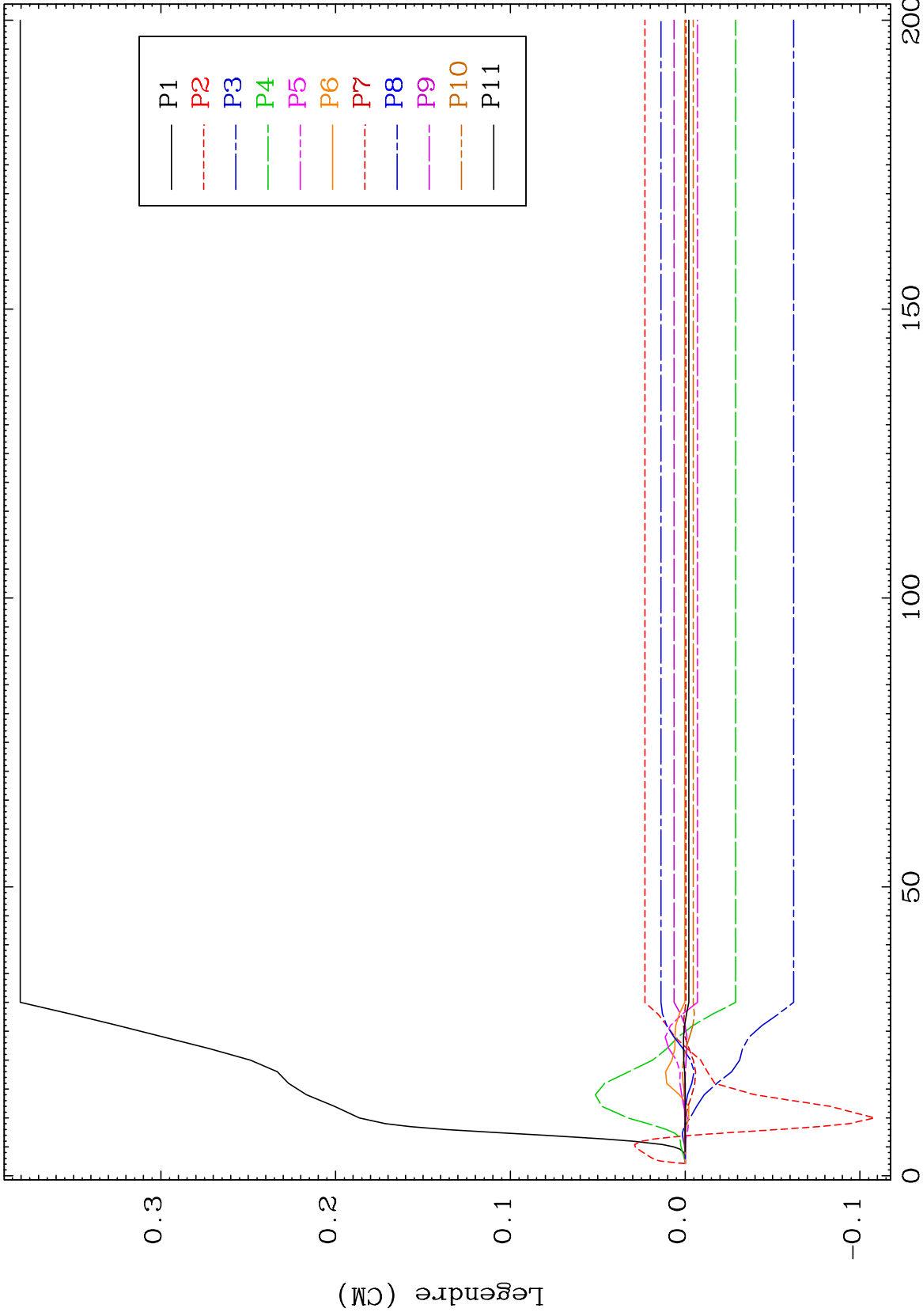
Incident Energy (MeV)

29-Cu-70

MAT 2946

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

29-Cu-70

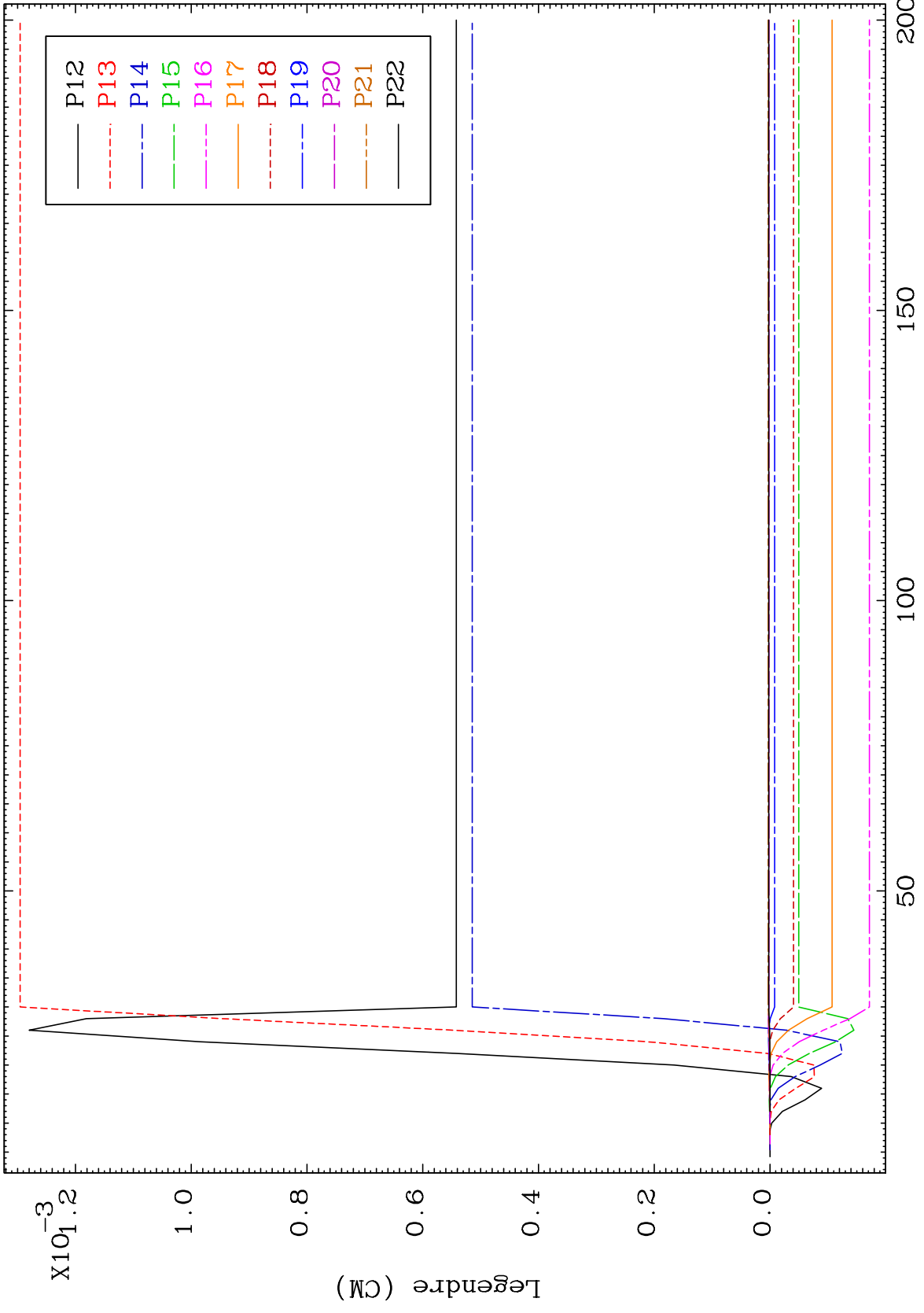


93

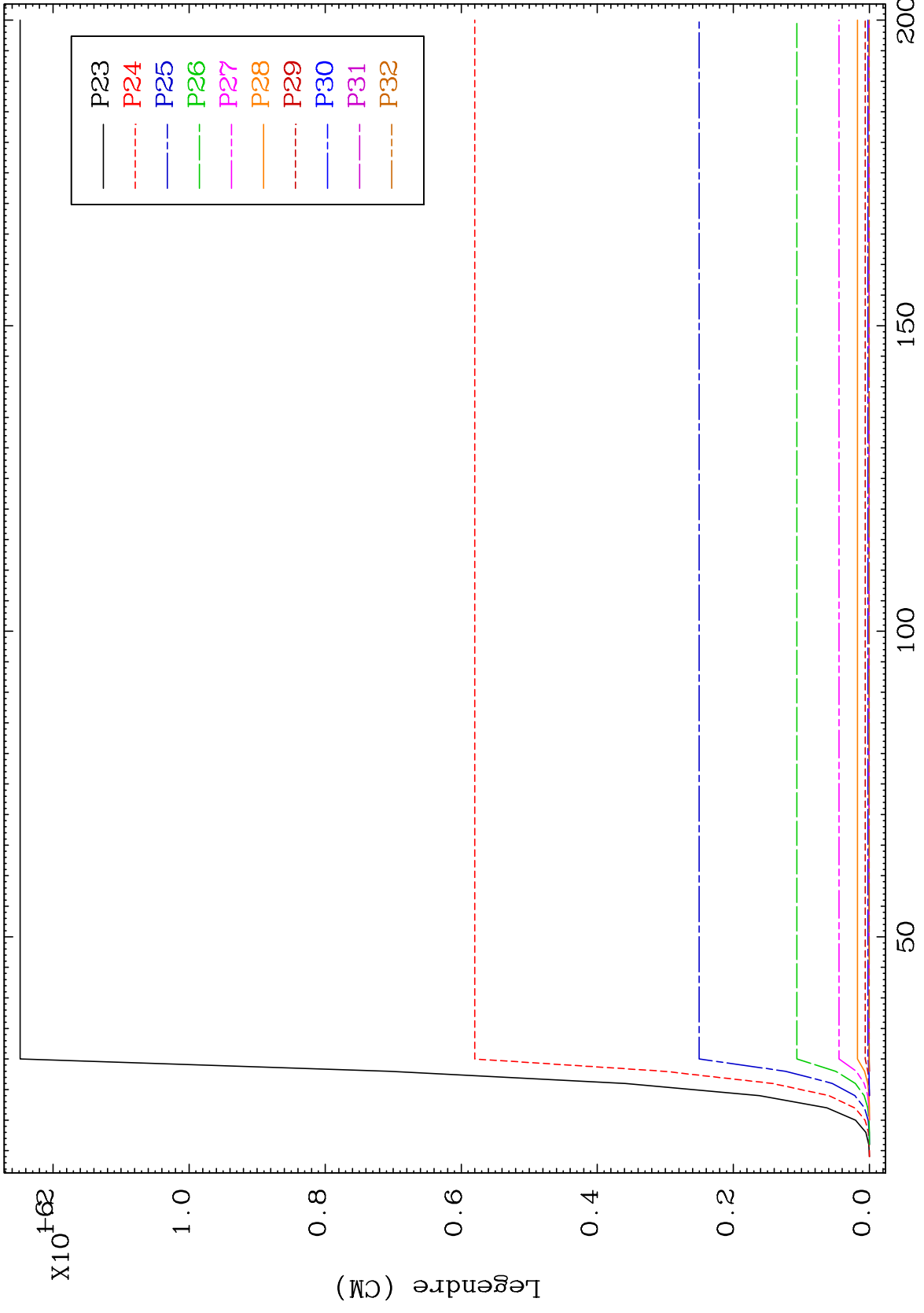
Incident Energy (MeV)

29-Cu-70

MAT 2946 MT= 75 (n,n') Level Legendre Coefficients 29-Cu-70

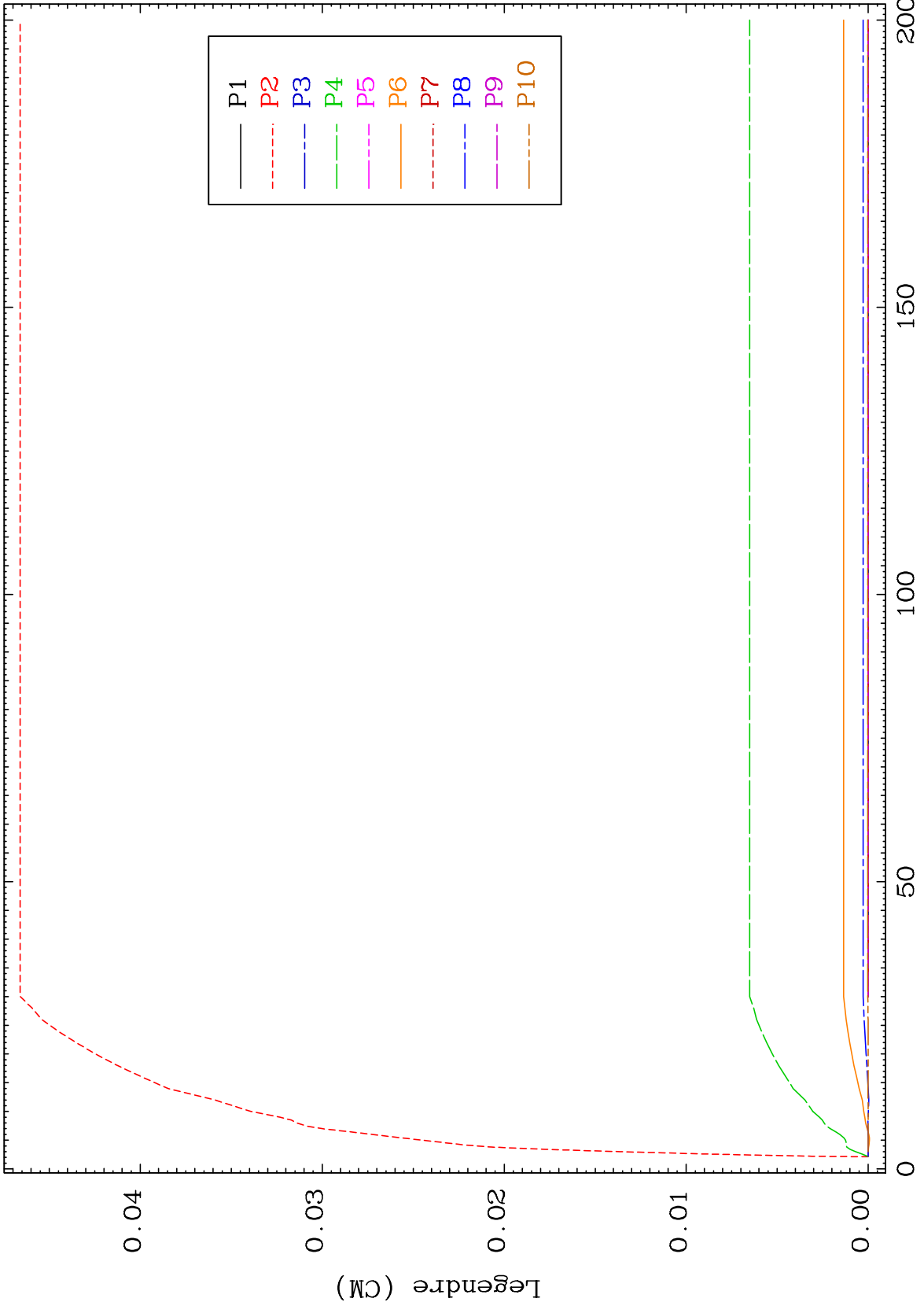


MAT 2946 MT= 75 (n,n') Level Legendre Coefficients 29-Cu-70



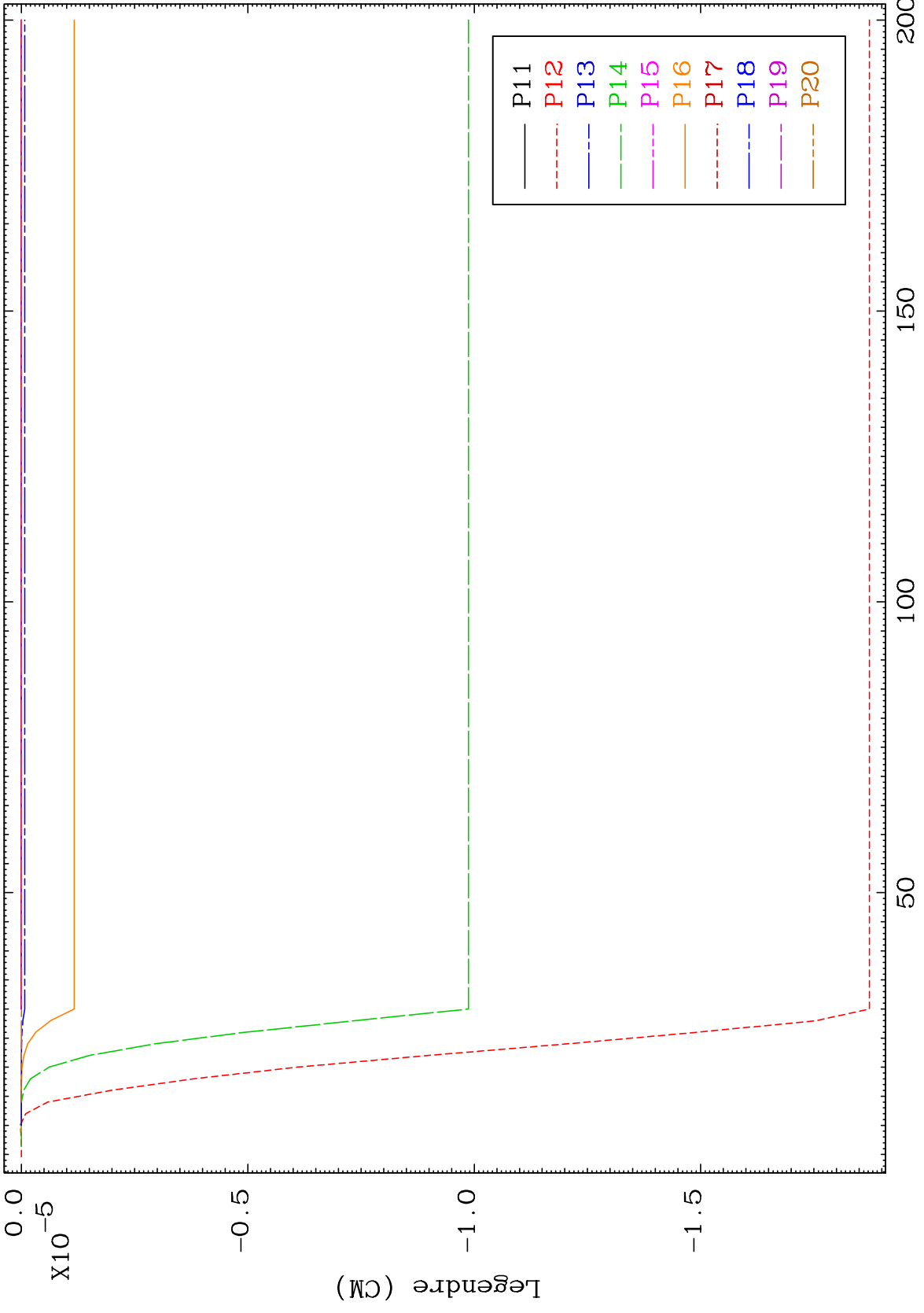
95 50 100 150 200 29-Cu-70

MAT 2946 MT= 76 (n,n') Level Legendre Coefficients 29-Cu-70

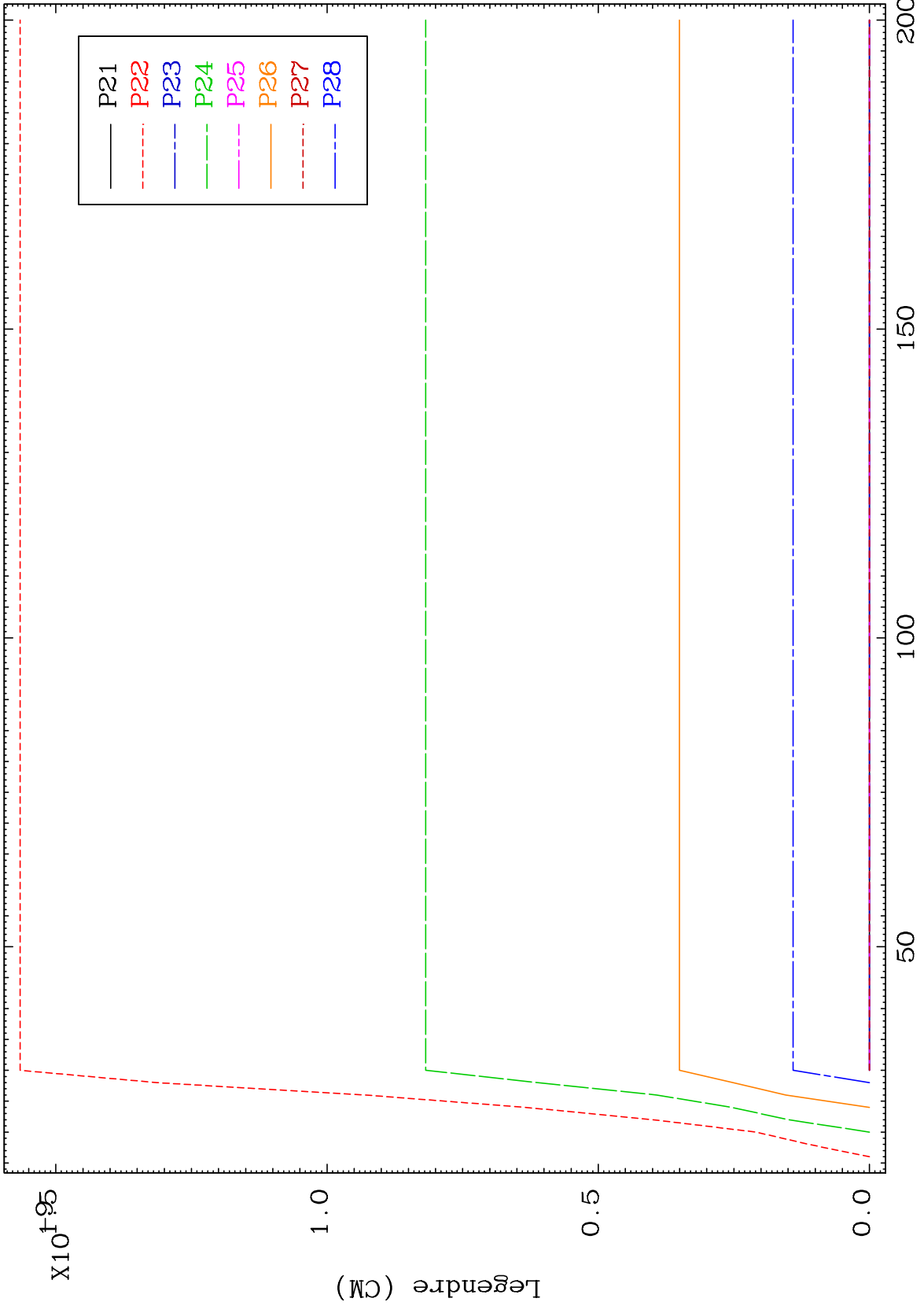


96 29-Cu-70

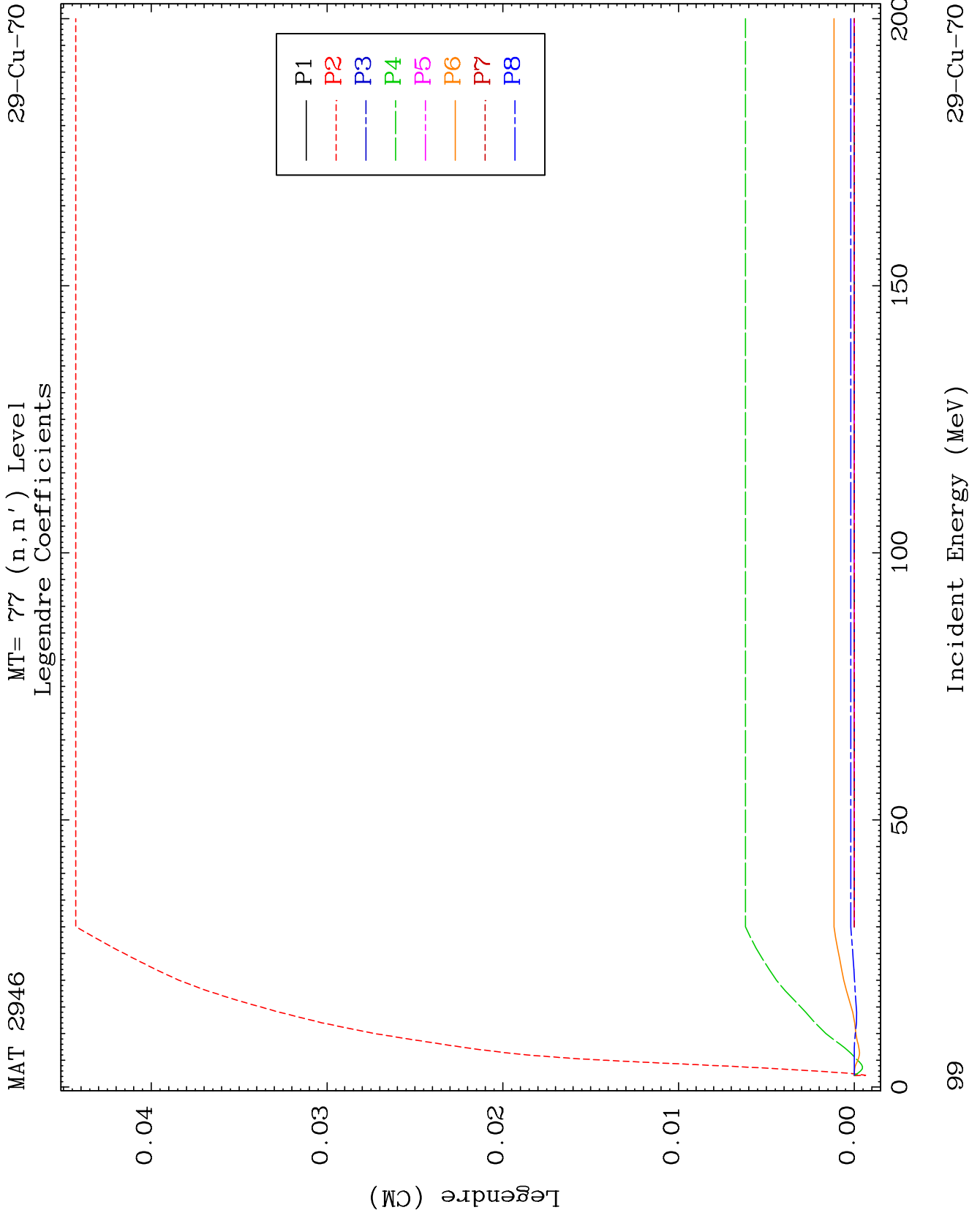
MAT 2946 MT= 76 (n,n') Level Legendre Coefficients 29-Cu-70



MAT 2946 MT= 76 (n,n') Level Legendre Coefficients 29-Cu-70



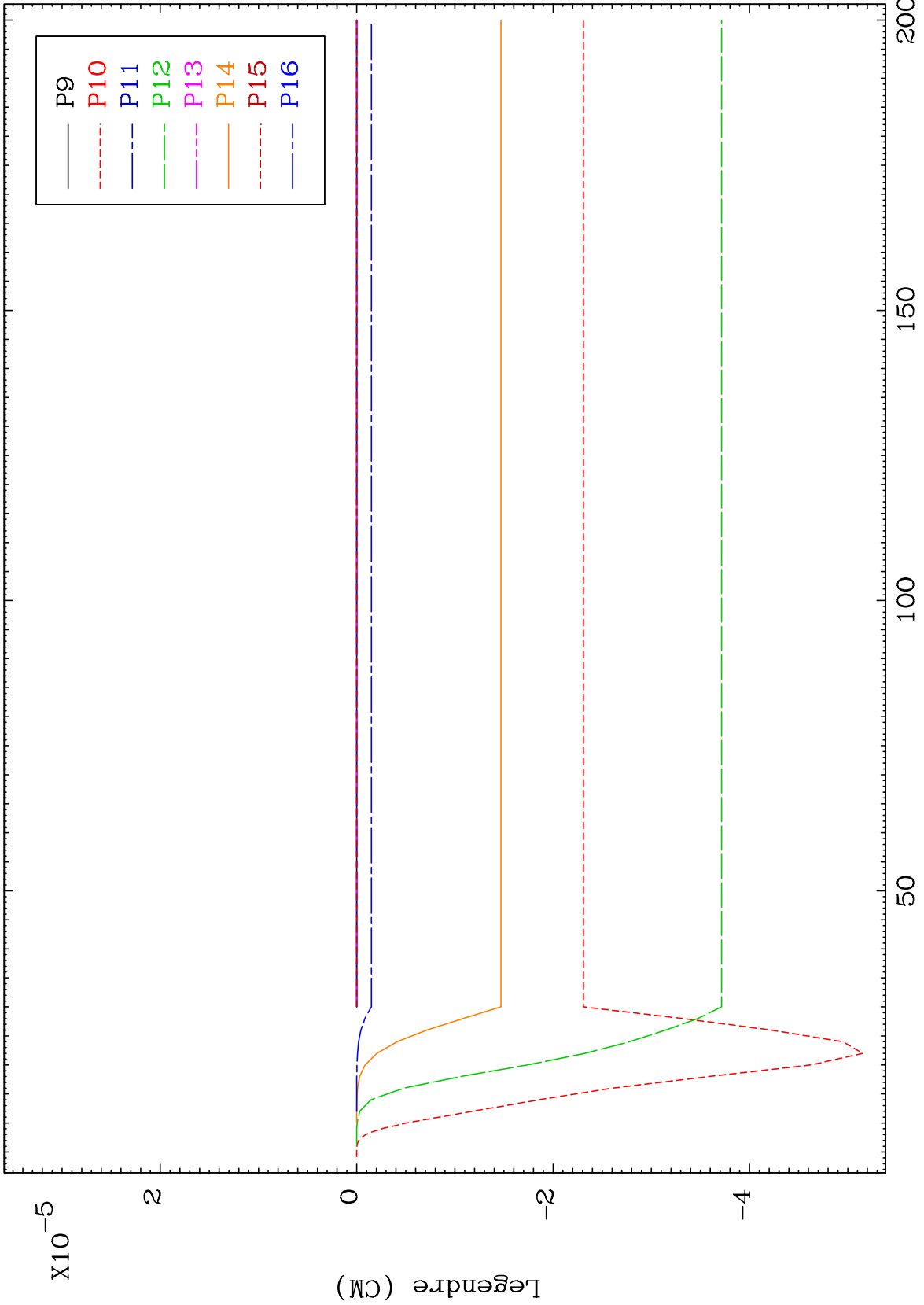
98 29-Cu-70



MAT 2946

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

29-Cu-70

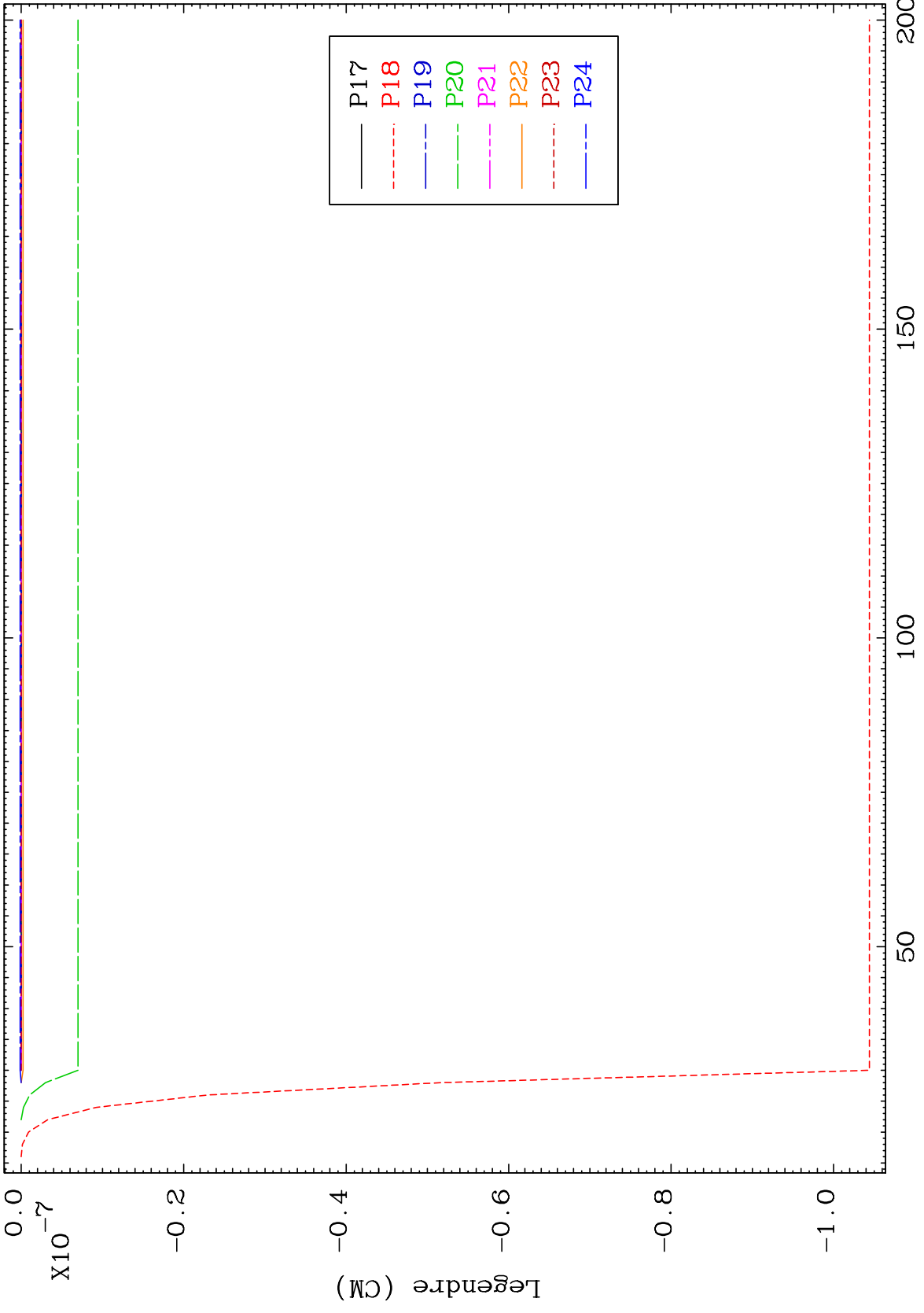


29-Cu-70

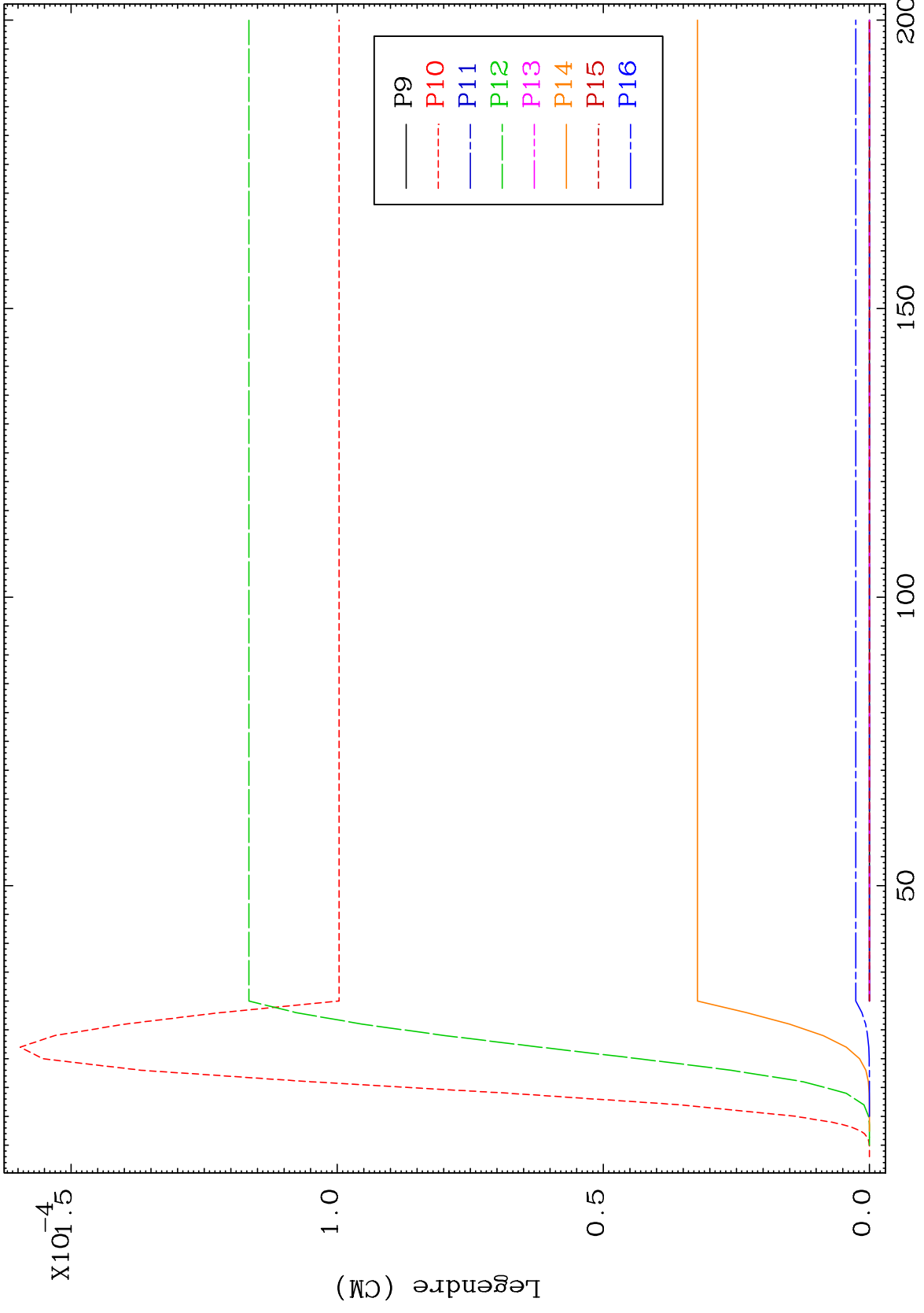
Incident Energy (MeV)

100

MAT 2946 MT= 77 (n,n') Level Legendre Coefficients 29-Cu-70

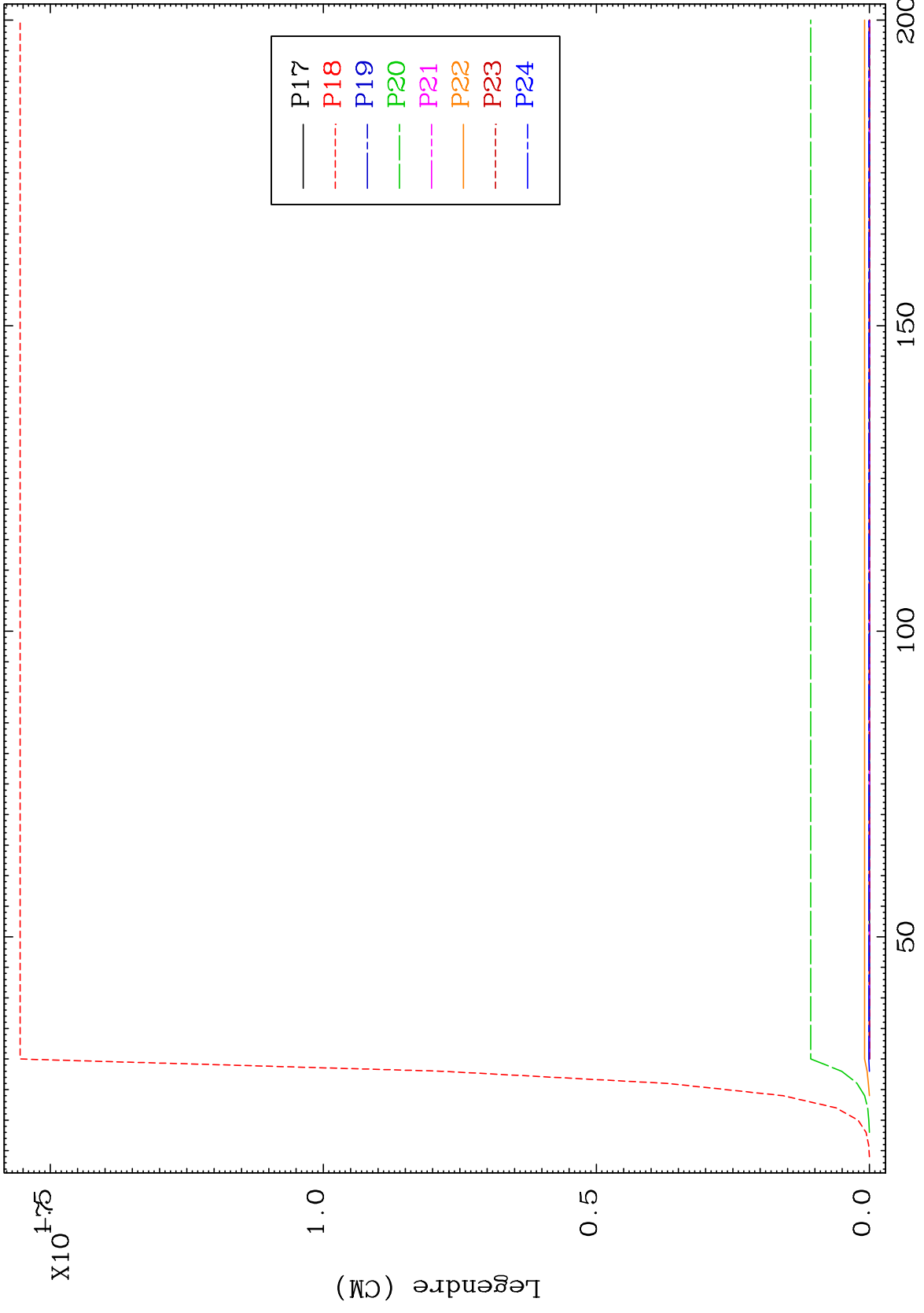


MAT 2946 MT= 78 (n,n') Level Legendre Coefficients 29-Cu-70



103 Incident Energy (MeV) 29-Cu-70

MAT 2946 MT= 78 (n,n') Level Legendre Coefficients 29-Cu-70

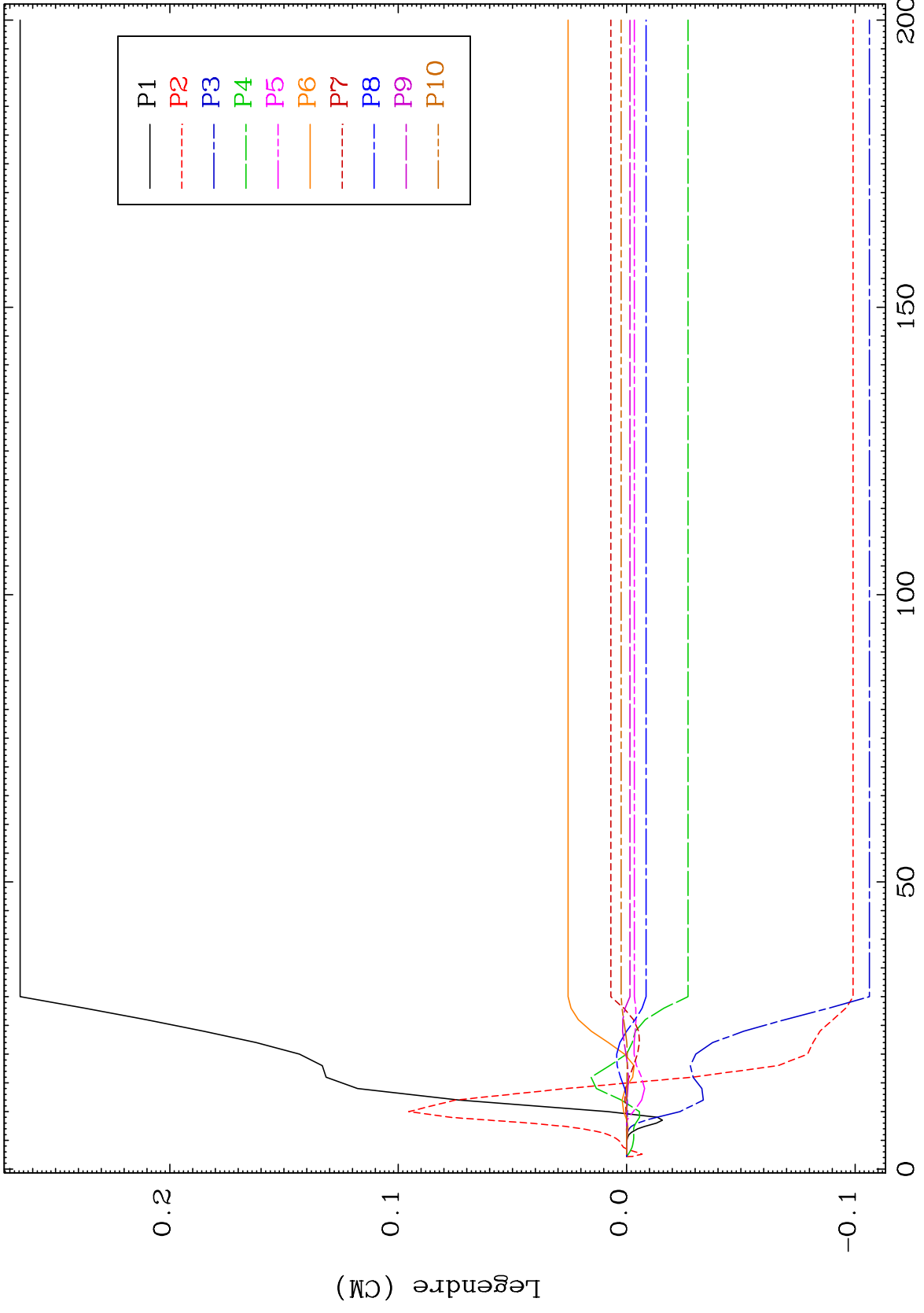


104 50 100 150 200 Incident Energy (MeV) 29-Cu-70

MAT 2946

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

29-Cu-70



29-Cu-70

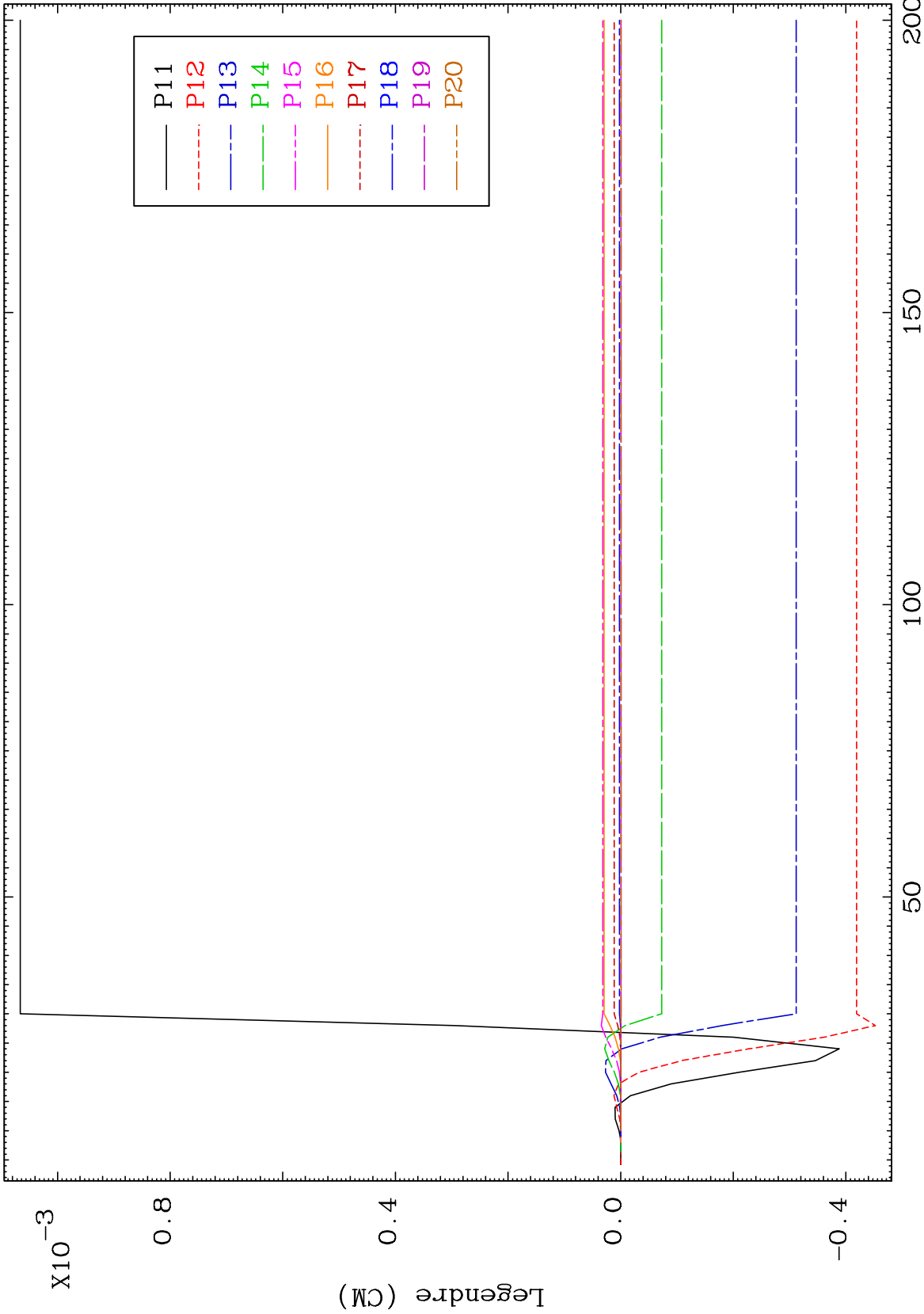
Incident Energy (MeV)

105

MAT 2946

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

29-Cu-70

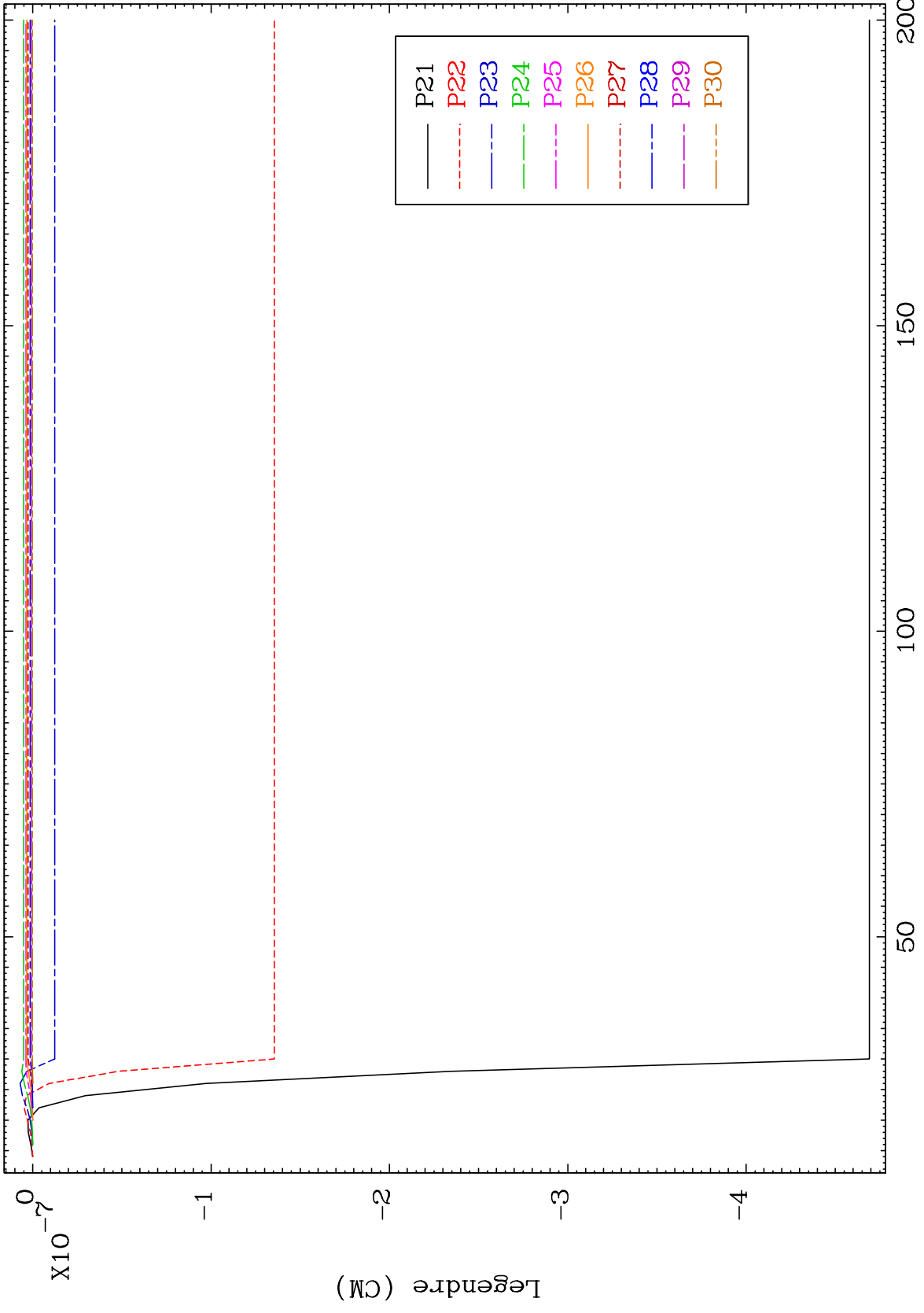


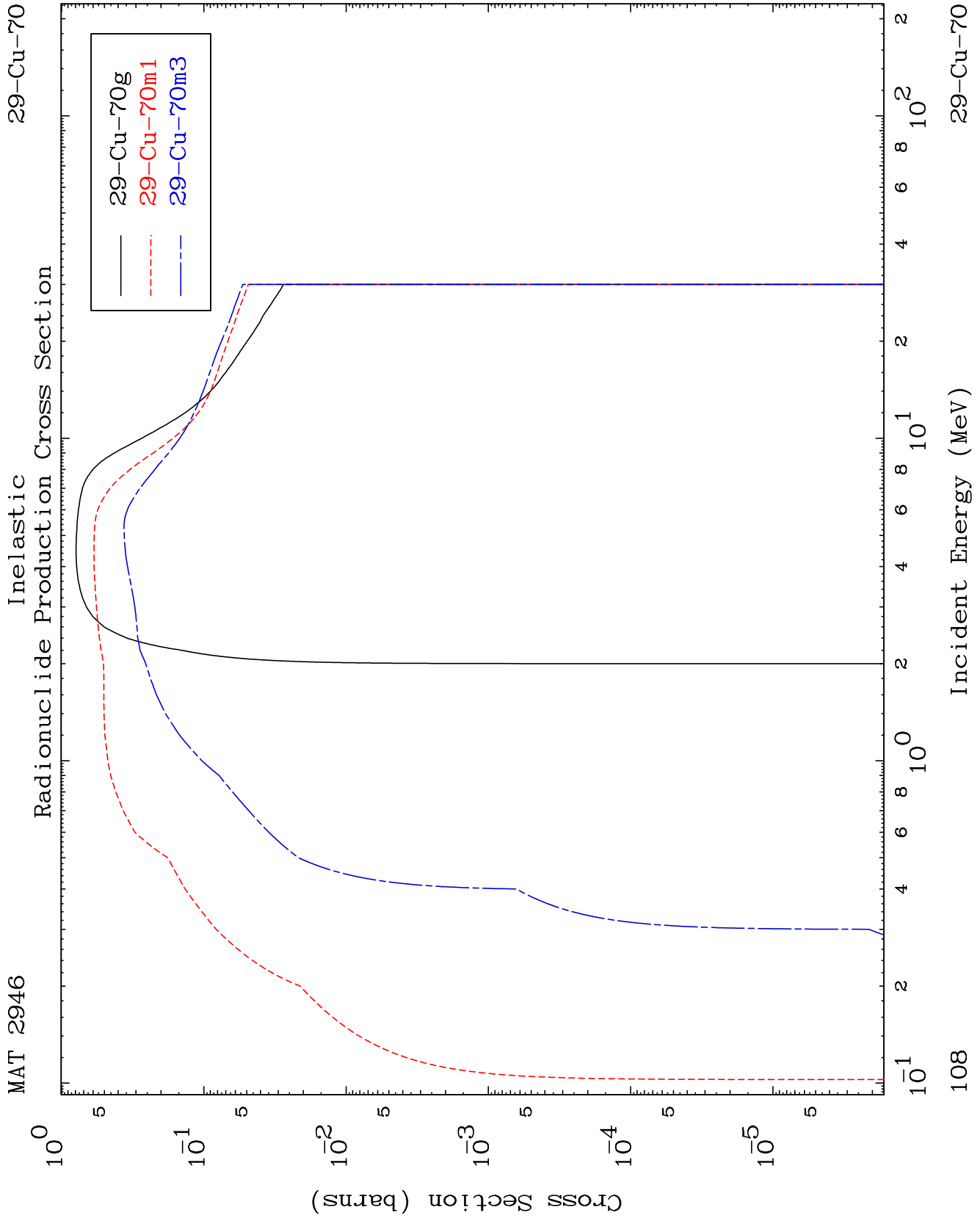
106

Incident Energy (MeV)

29-Cu-70

MAT 2946 MT= 79 (n,n') Level Legendre Coefficients 29-Cu-70

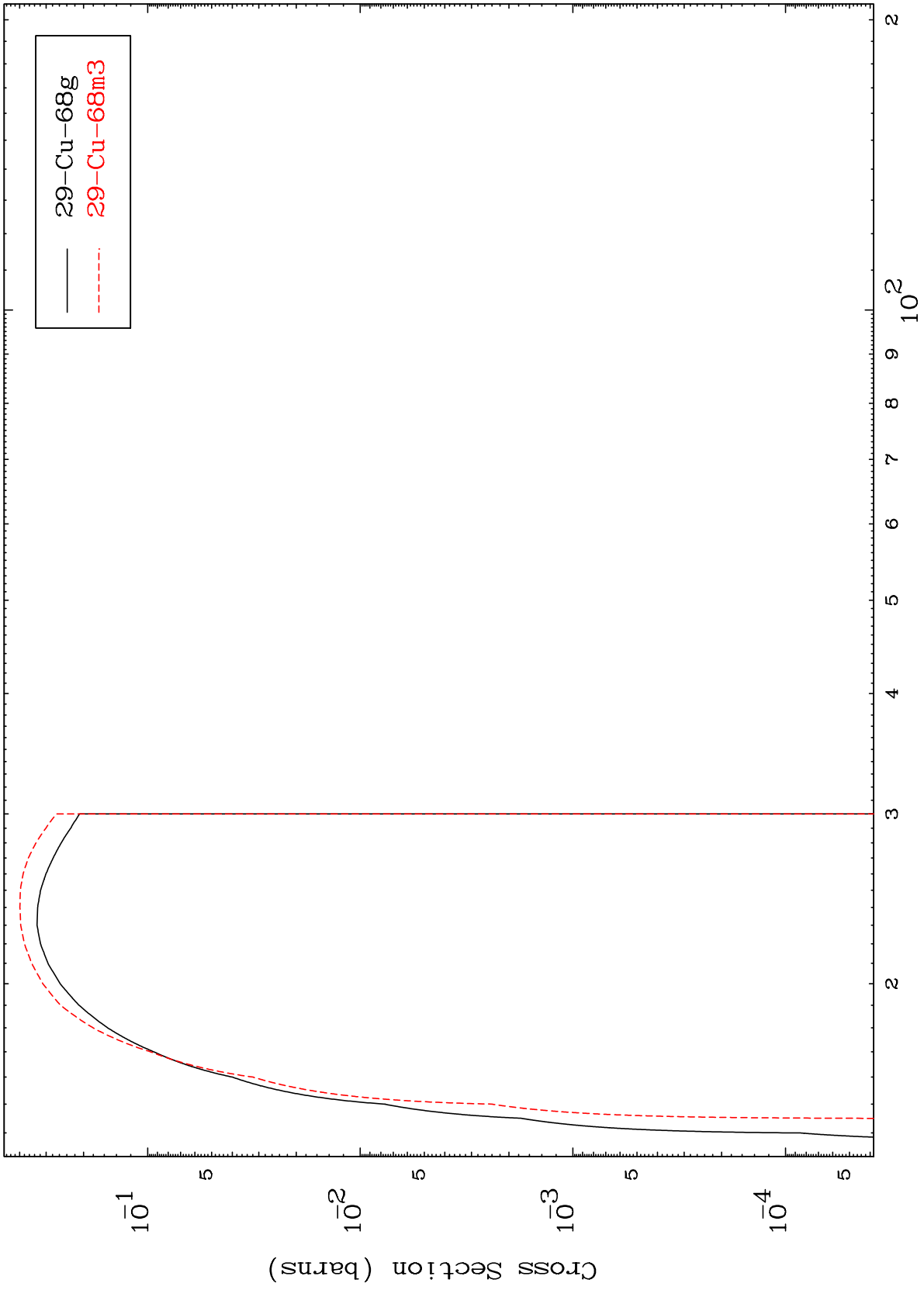




MAT 2946

29-Cu-70

(n,3n)
Radionuclide Production Cross Section



109

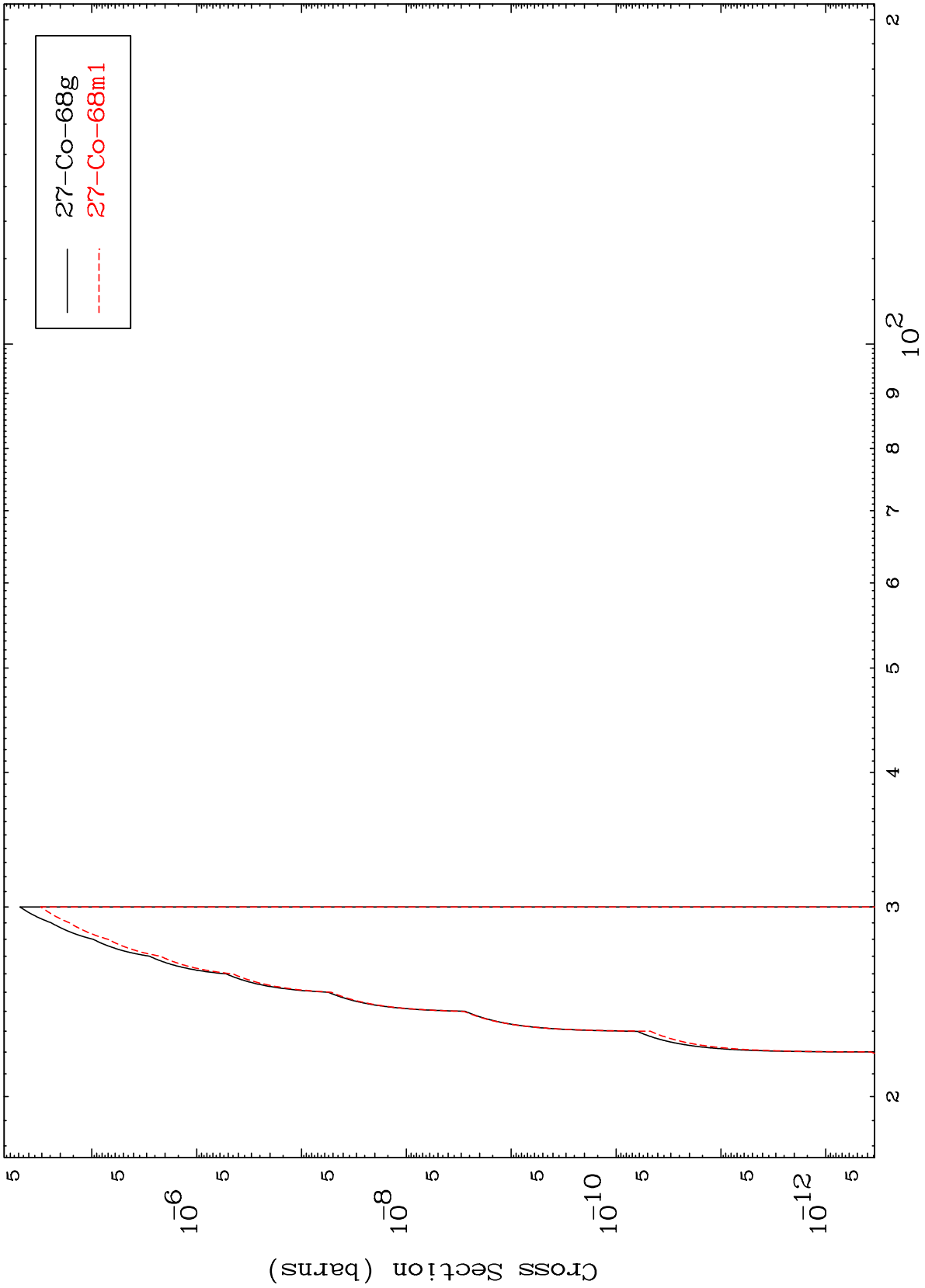
29-Cu-70

MAT 2946

(n, He-3)

29-Cu-70

Radionuclide Production Cross Section



110

Incident Energy (MeV)

29-Cu-70