

Program EVALPLOT
(Version 2018-1)

by

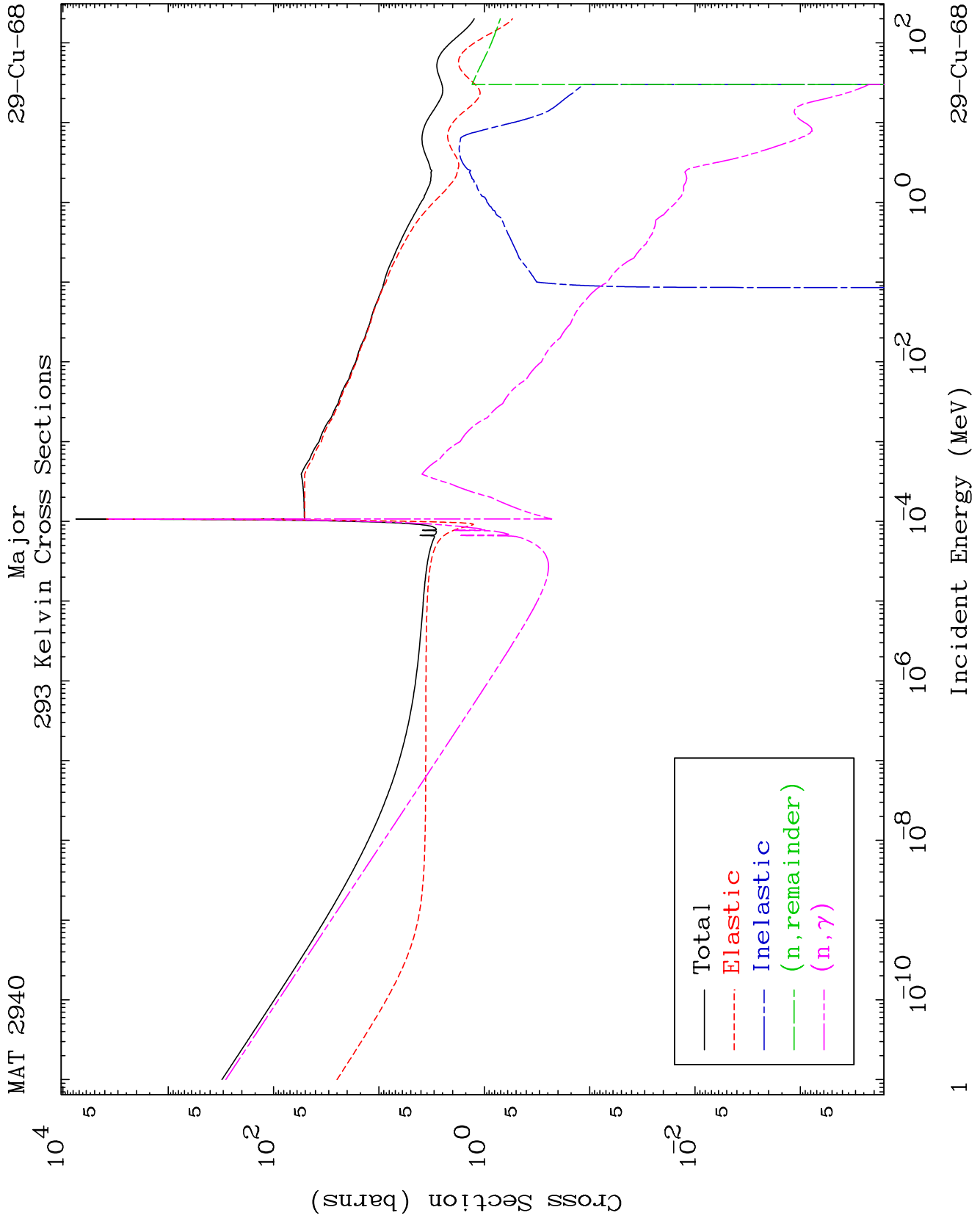
Dermott E. Cullen
(Present Contact Information)

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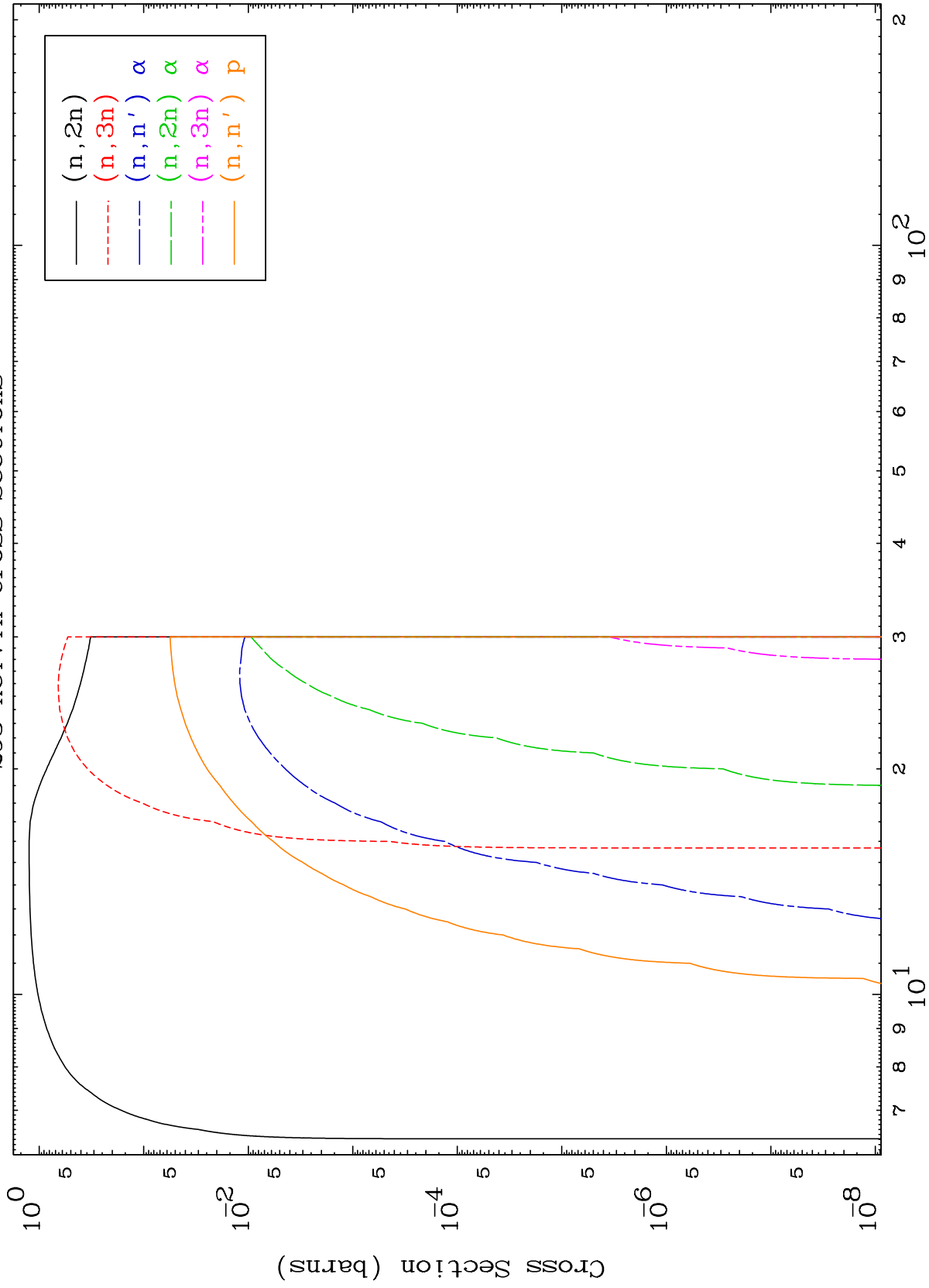
Press Mouse Button to Start



MAT 2940

Neutron Production
293 Kelvin Cross Sections

29-Cu-68



2

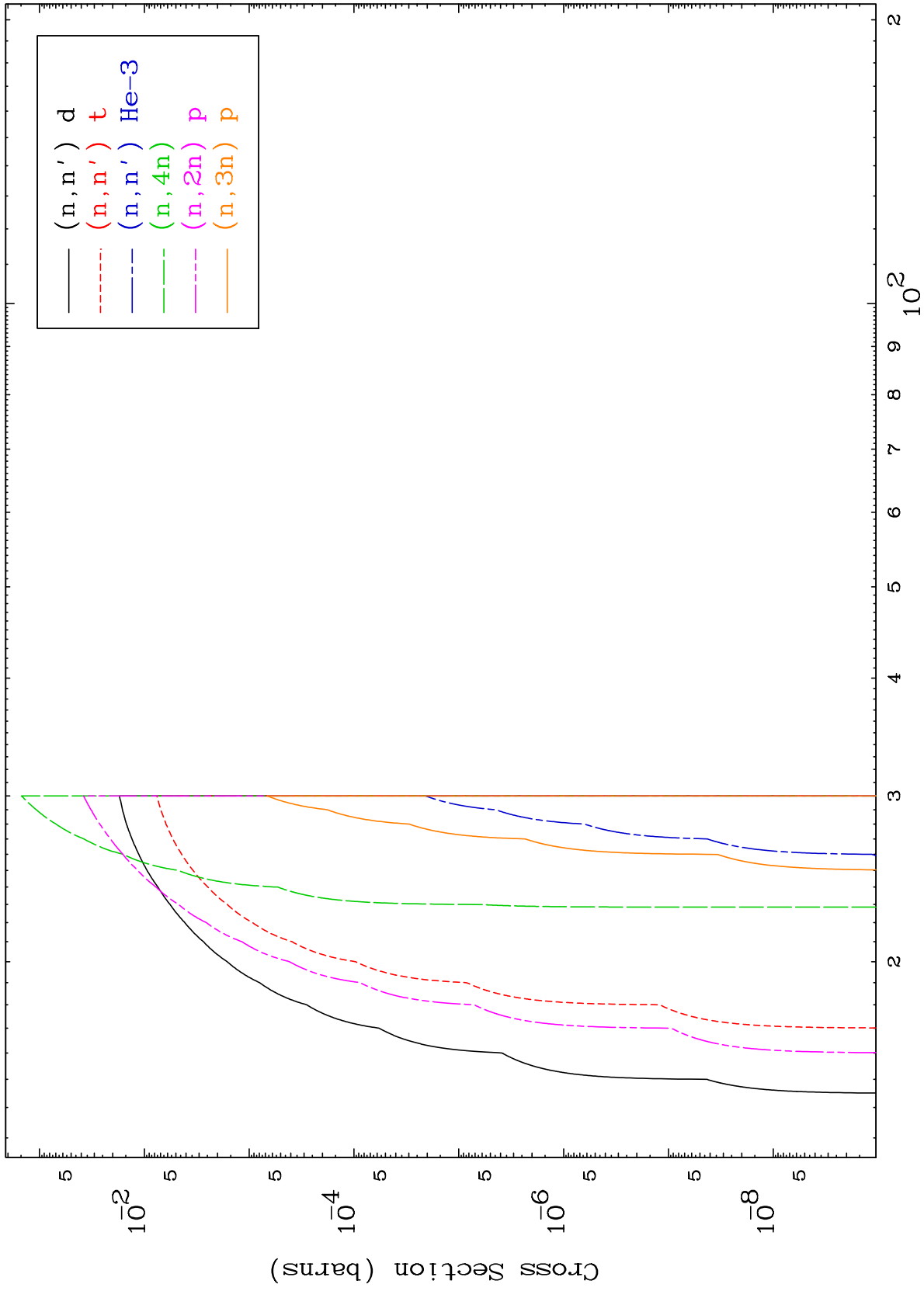
Incident Energy (MeV)

29-Cu-68

MAT 2940

Neutron Production
293 Kelvin Cross Sections

29-Cu-68



3

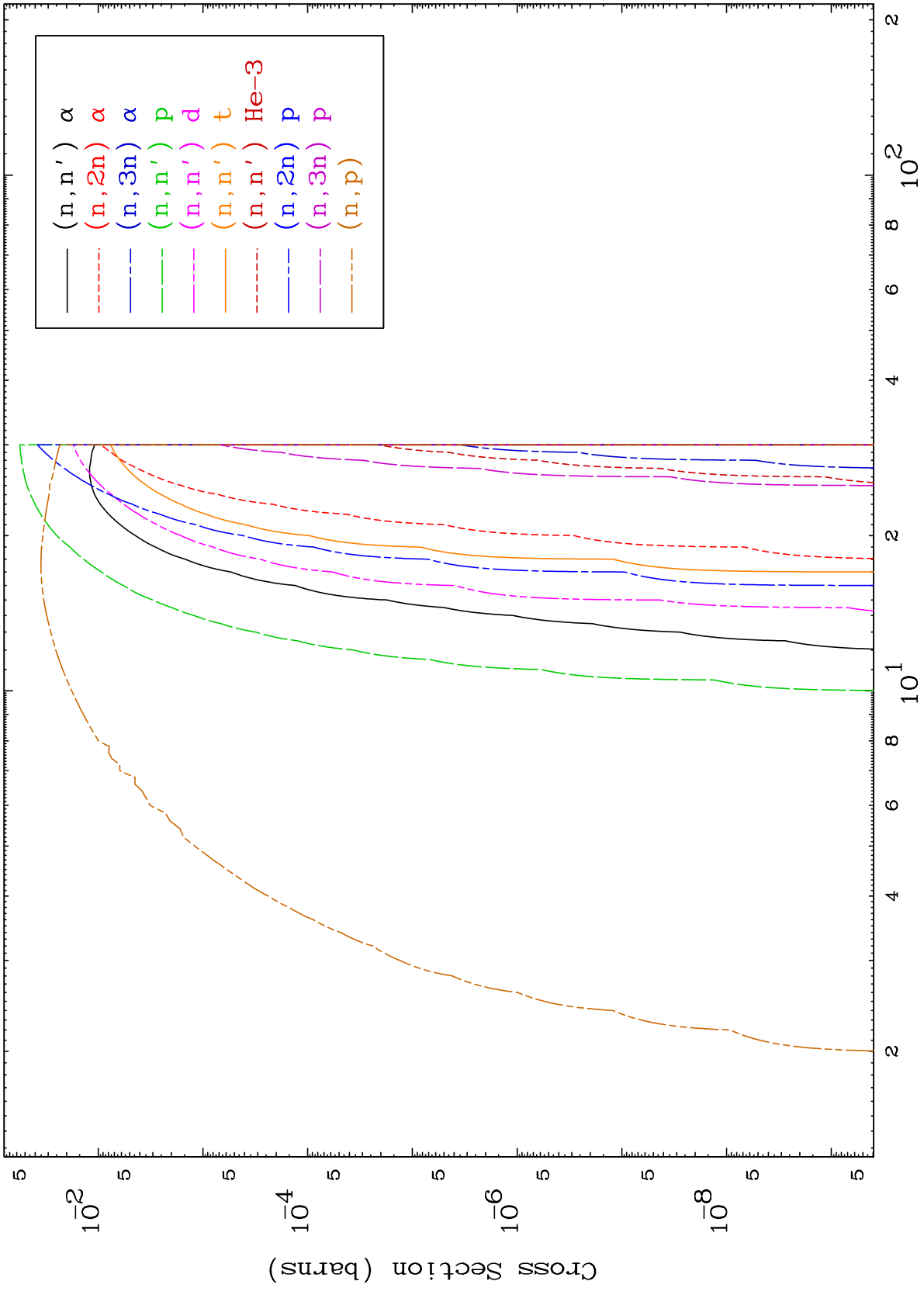
Incident Energy (MeV)

29-Cu-68

MAT 2940

Charged Particle
293 Kelvin Cross Sections

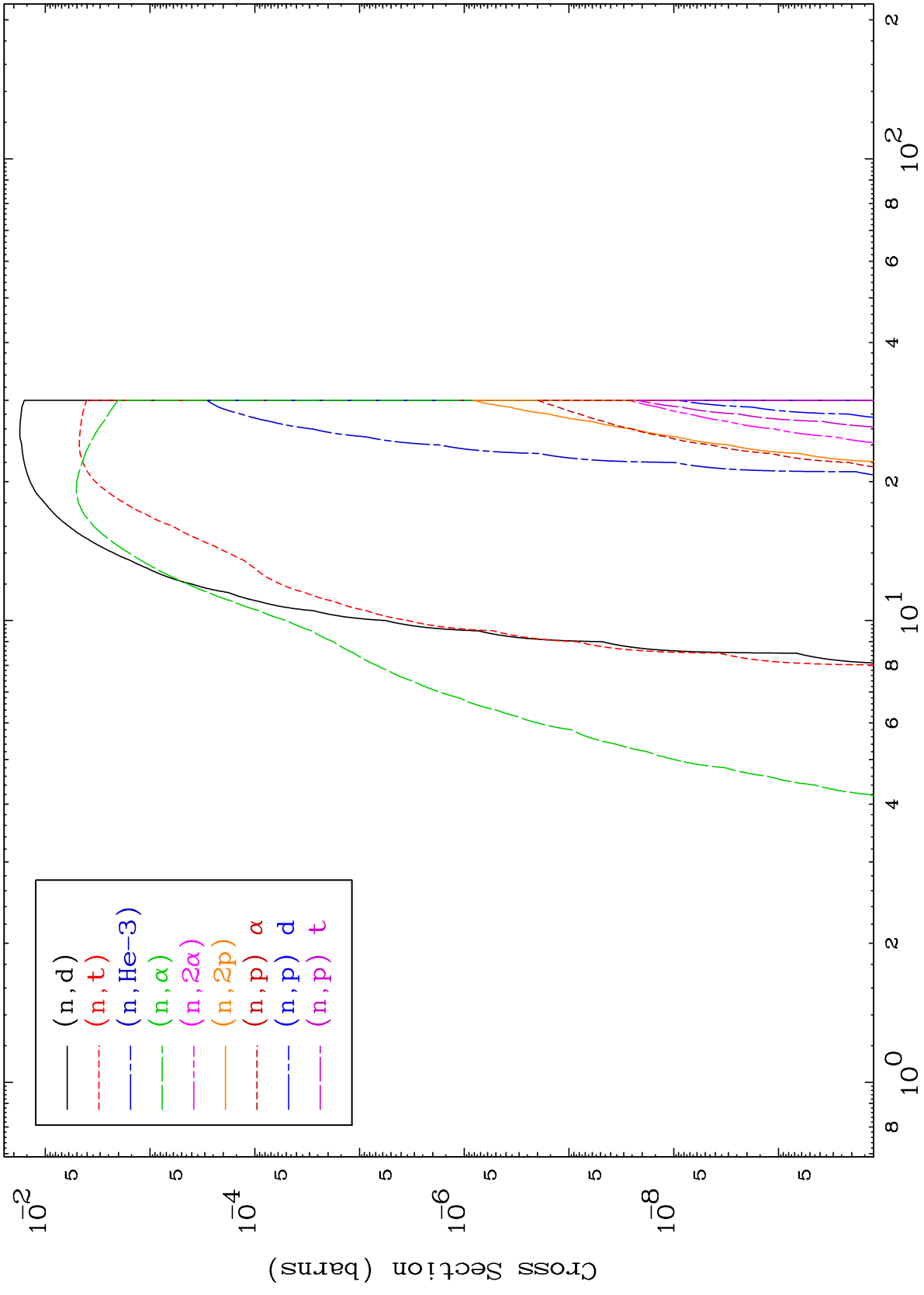
29-Cu-68



MAT 2940

Charged Particle
293 Kelvin Cross Sections

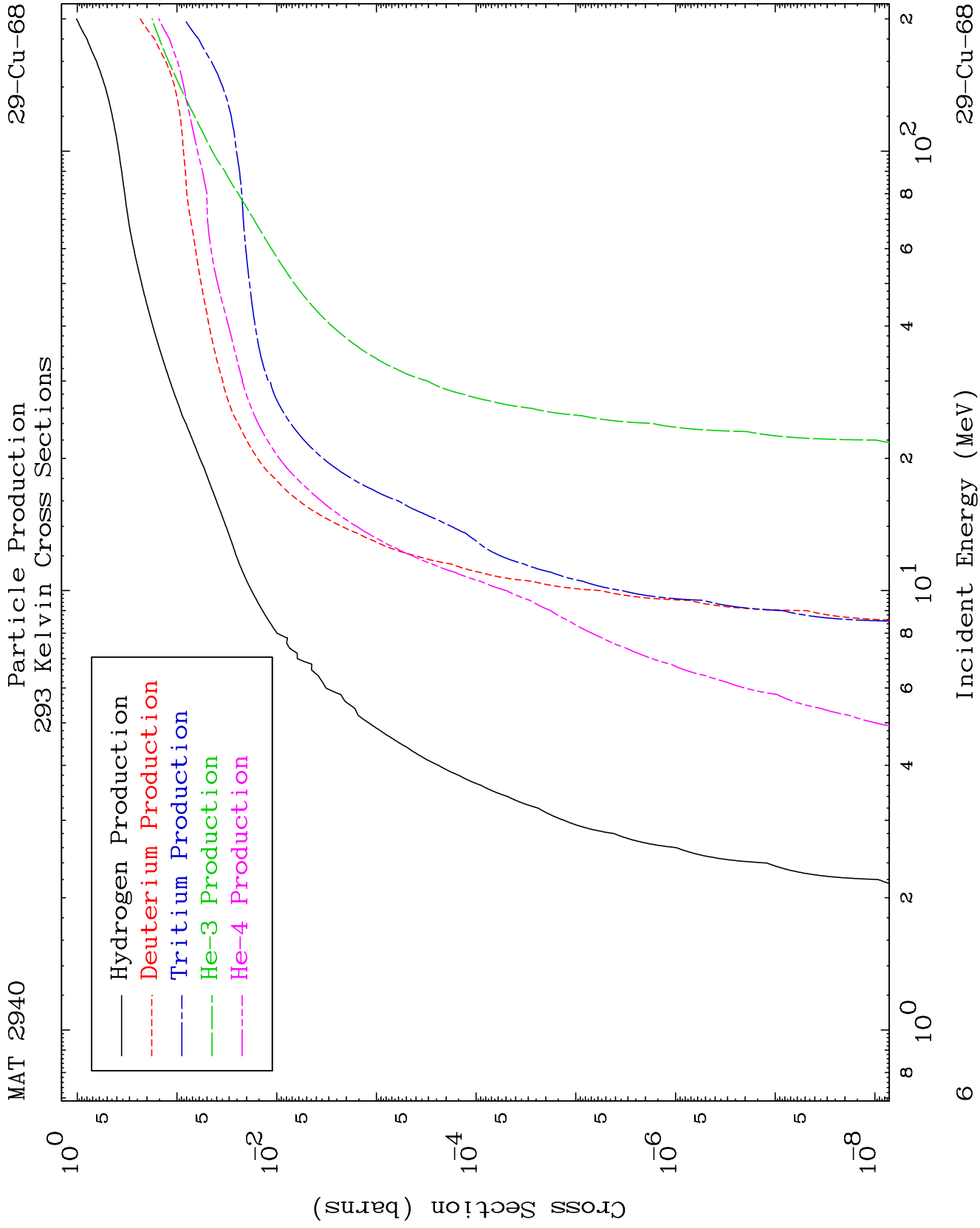
29-Cu-68



5

Incident Energy (MeV)

29-Cu-68

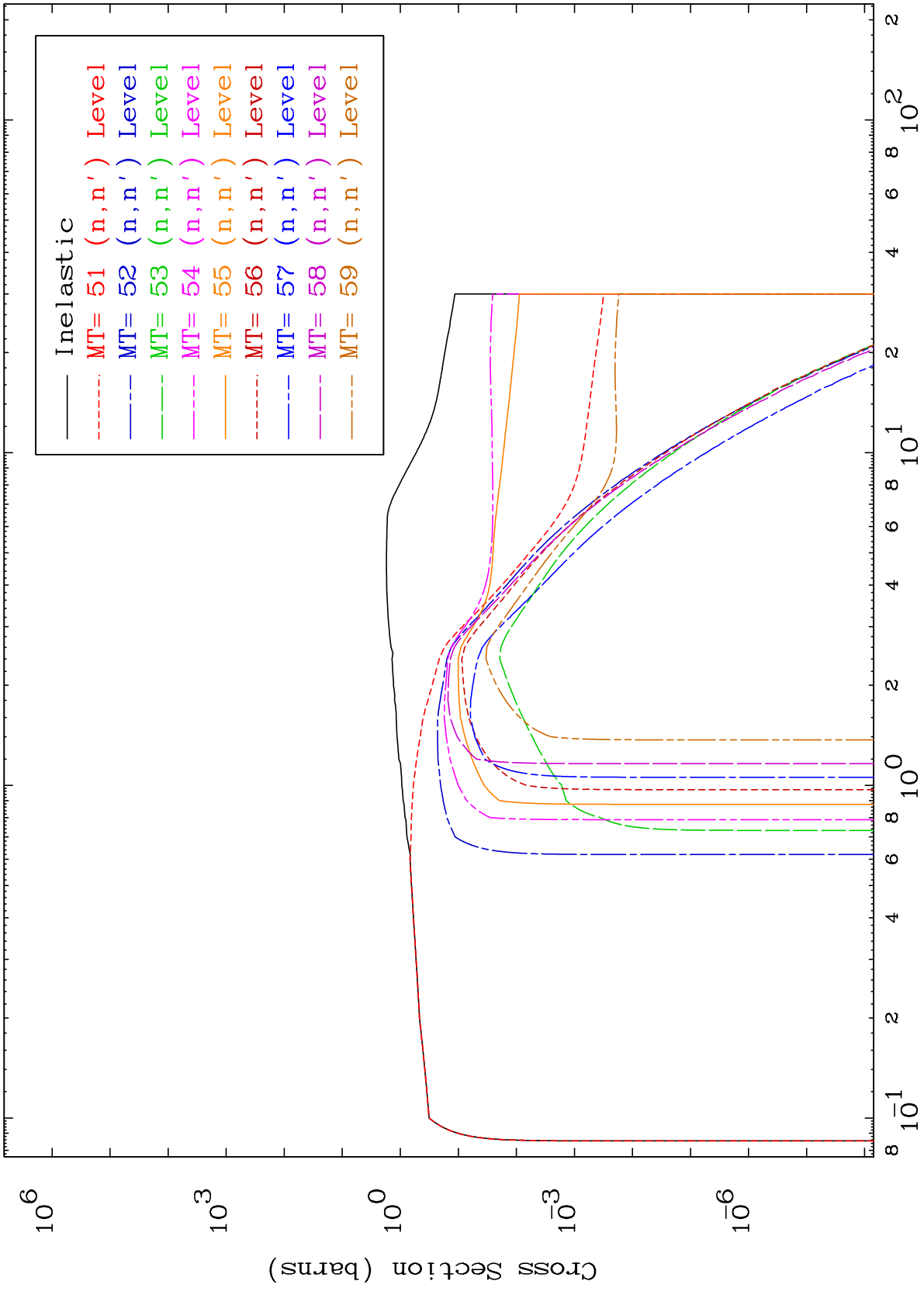


MAT 2940

(n,n') Level

29-Cu-68

293 Kelvin Cross Sections



7

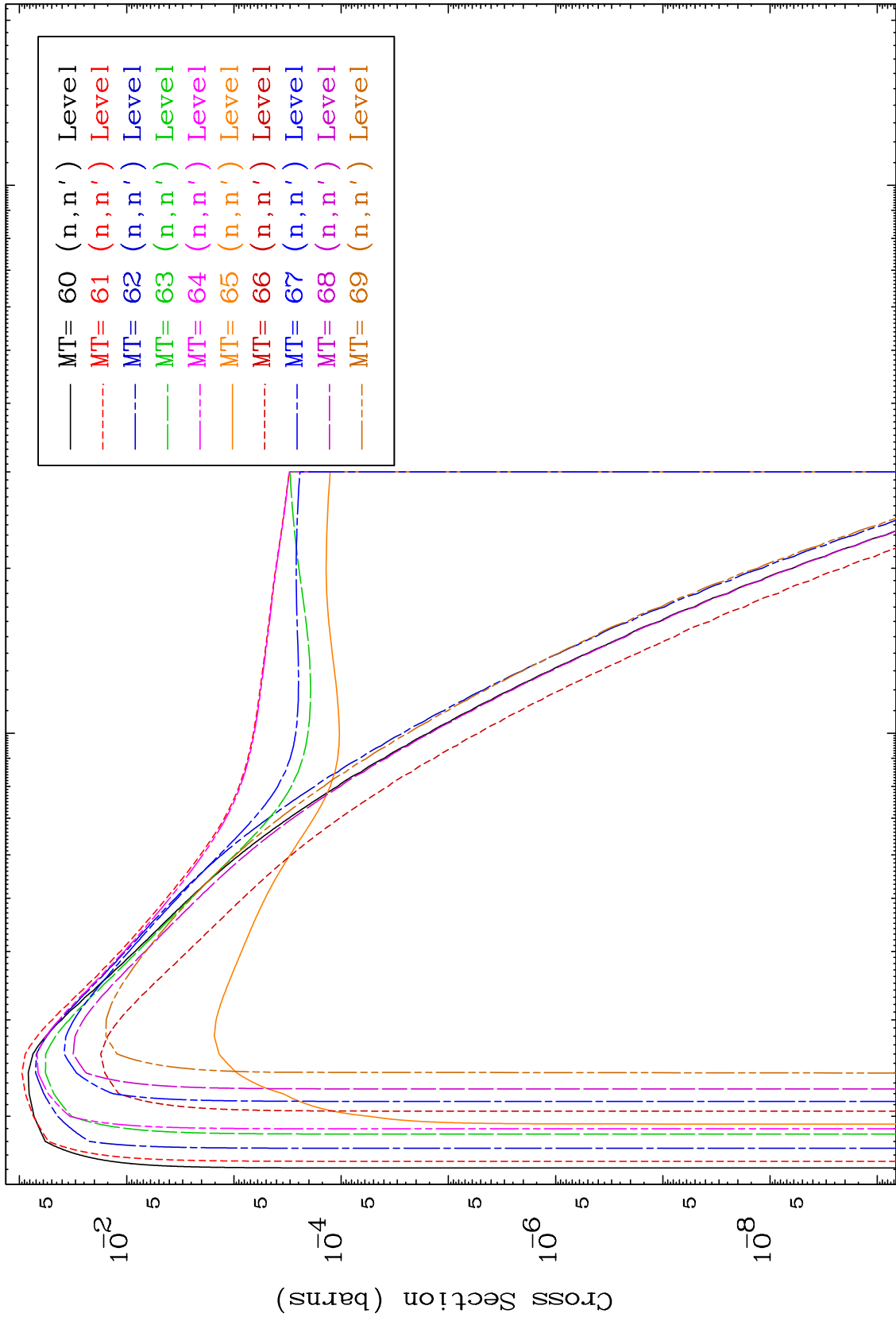
Incident Energy (MeV)

29-Cu-68

MAT 2940

(n,n') Level
293 Kelvin Cross Sections

29-Cu-68



8

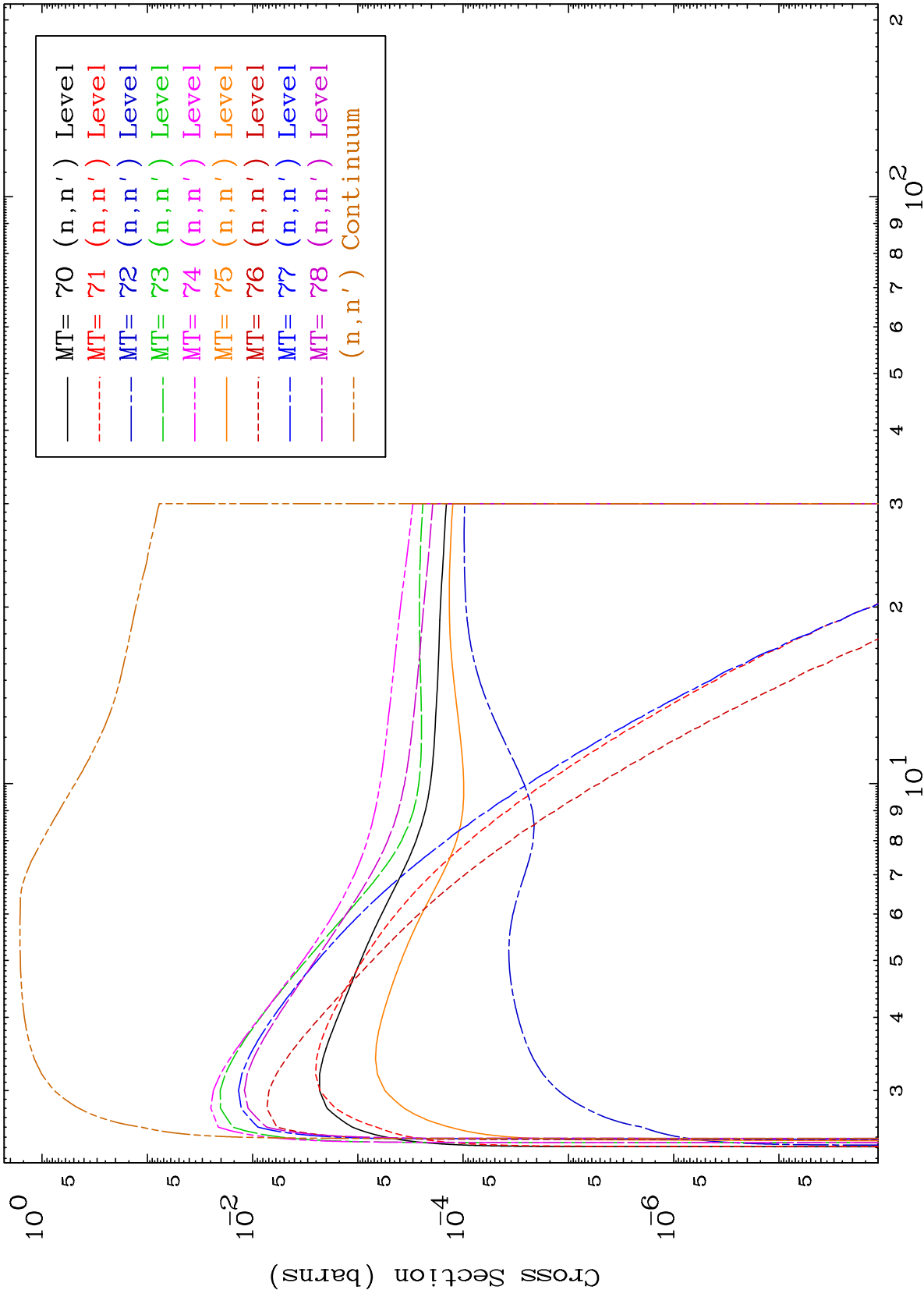
Incident Energy (MeV)

29-Cu-68

MAT 2940

(n,n') Level
293 Kelvin Cross Sections

29-Cu-68



9

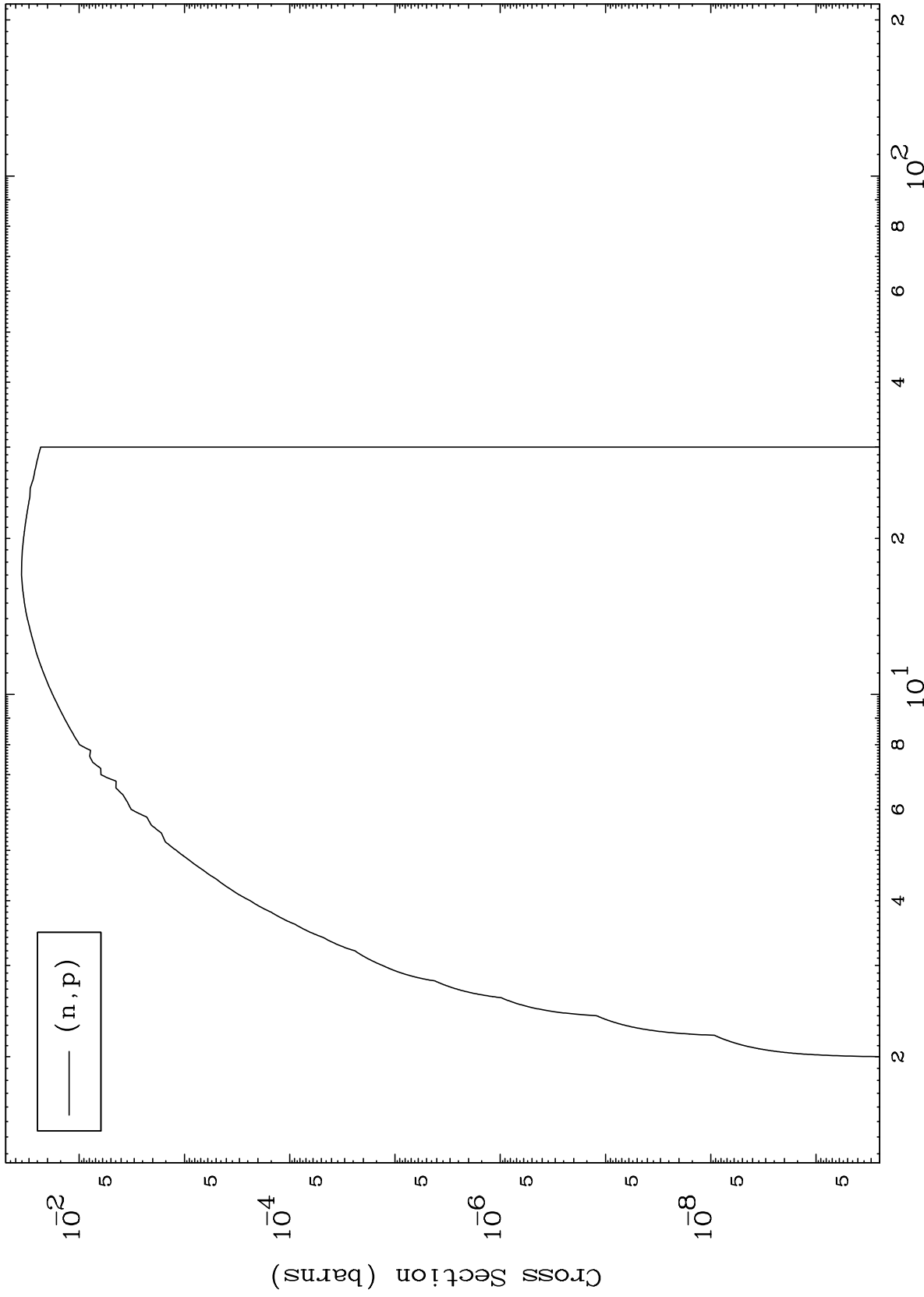
Incident Energy (MeV)

29-Cu-68

MAT 2940

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-68



10

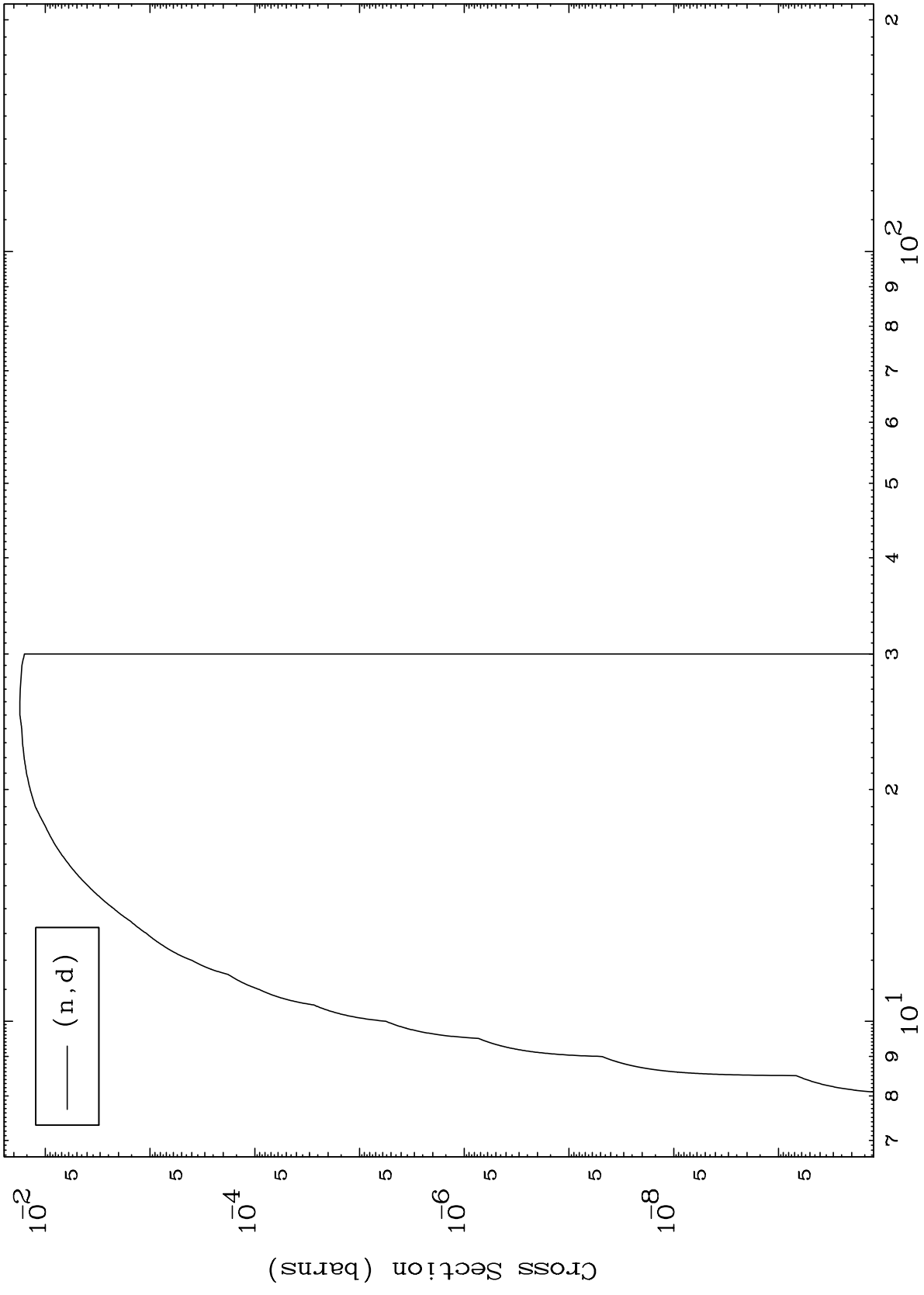
Incident Energy (MeV)

29-Cu-68

MAT 2940

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-68



11

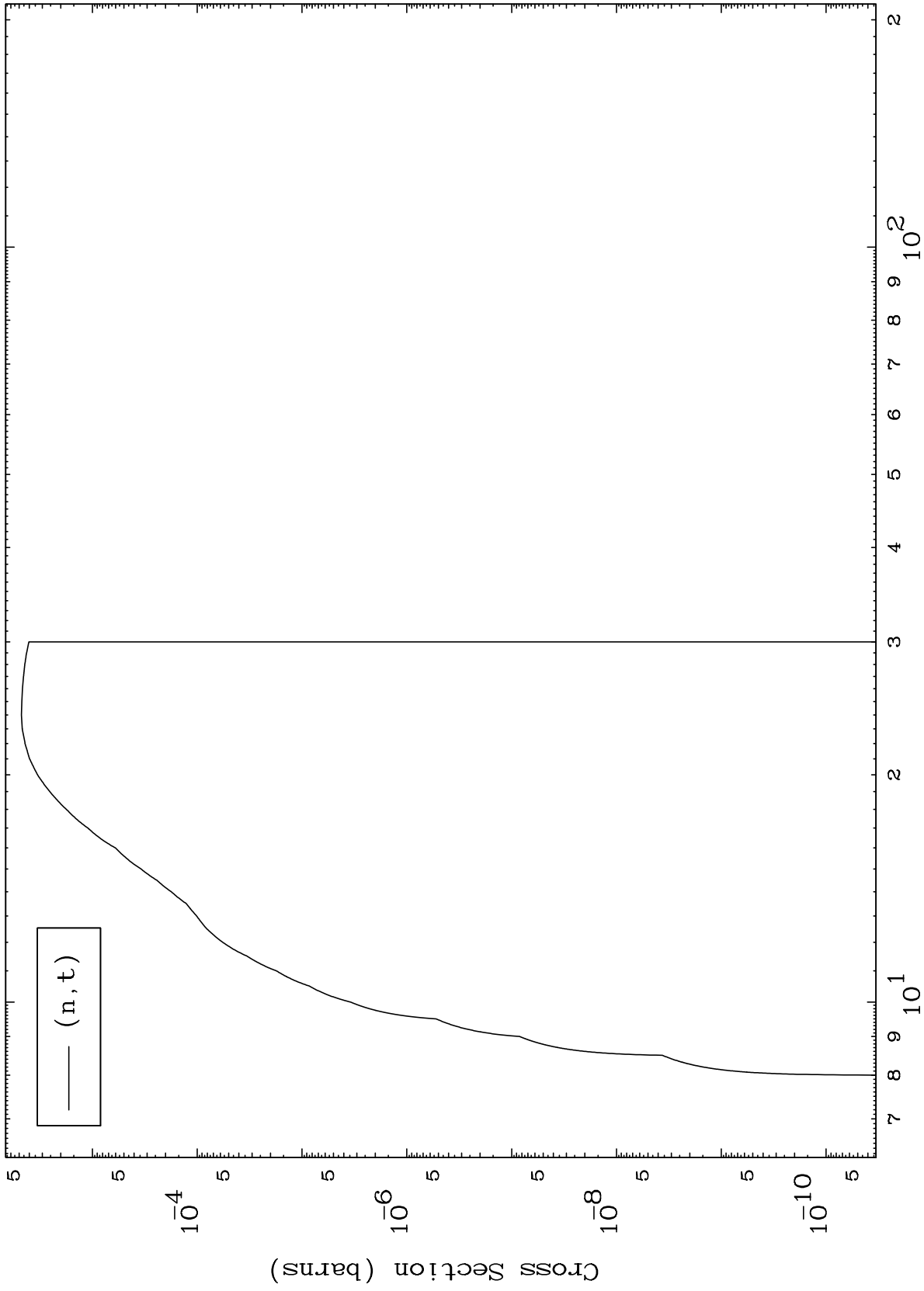
Incident Energy (MeV)

29-Cu-68

MAT 2940

(n,t) Levels
293 Kelvin Cross Sections

29-Cu-68



12

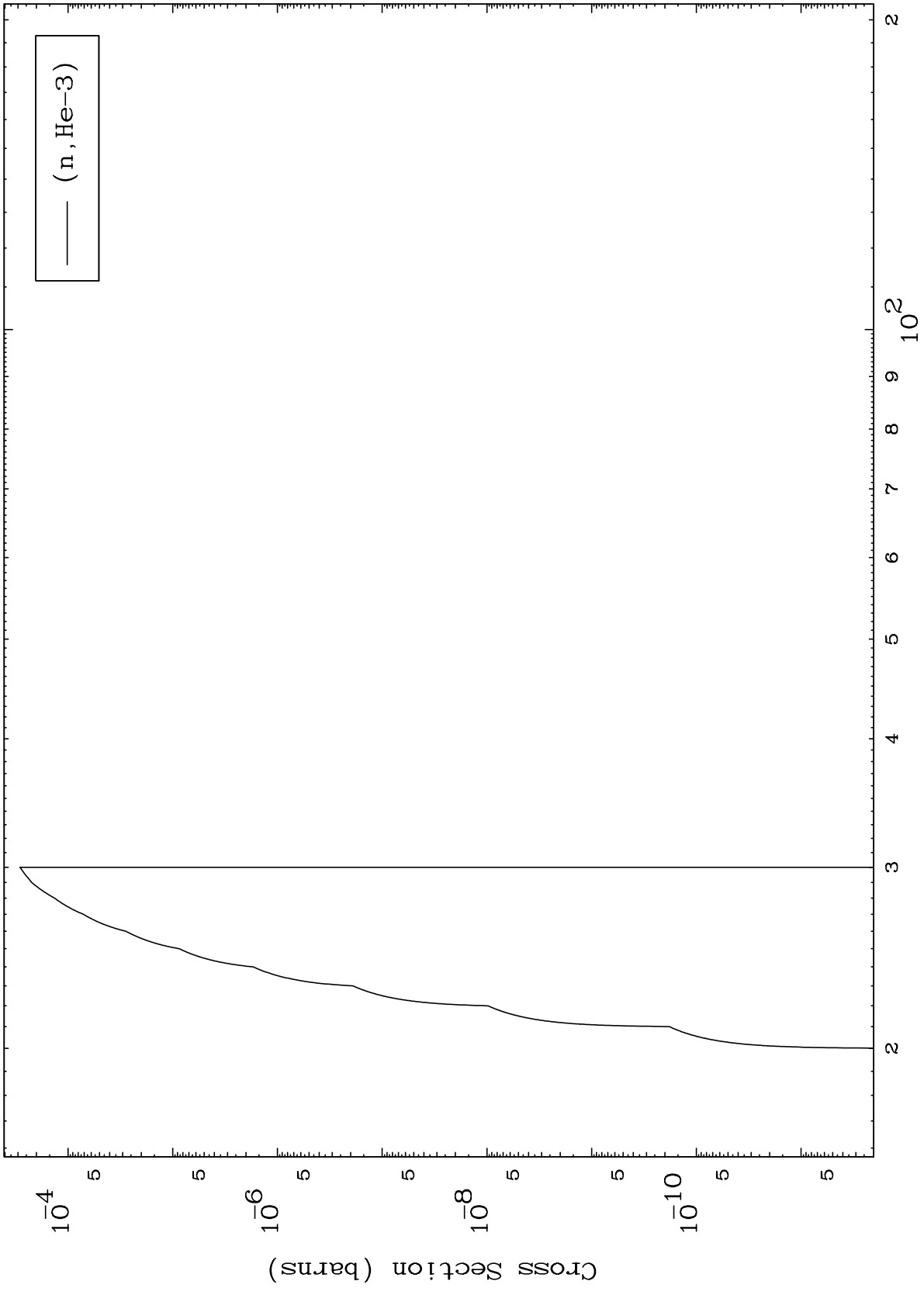
Incident Energy (MeV)

29-Cu-68

MAT 2940

(n,He3) Levels
293 Kelvin Cross Sections

29-Cu-68



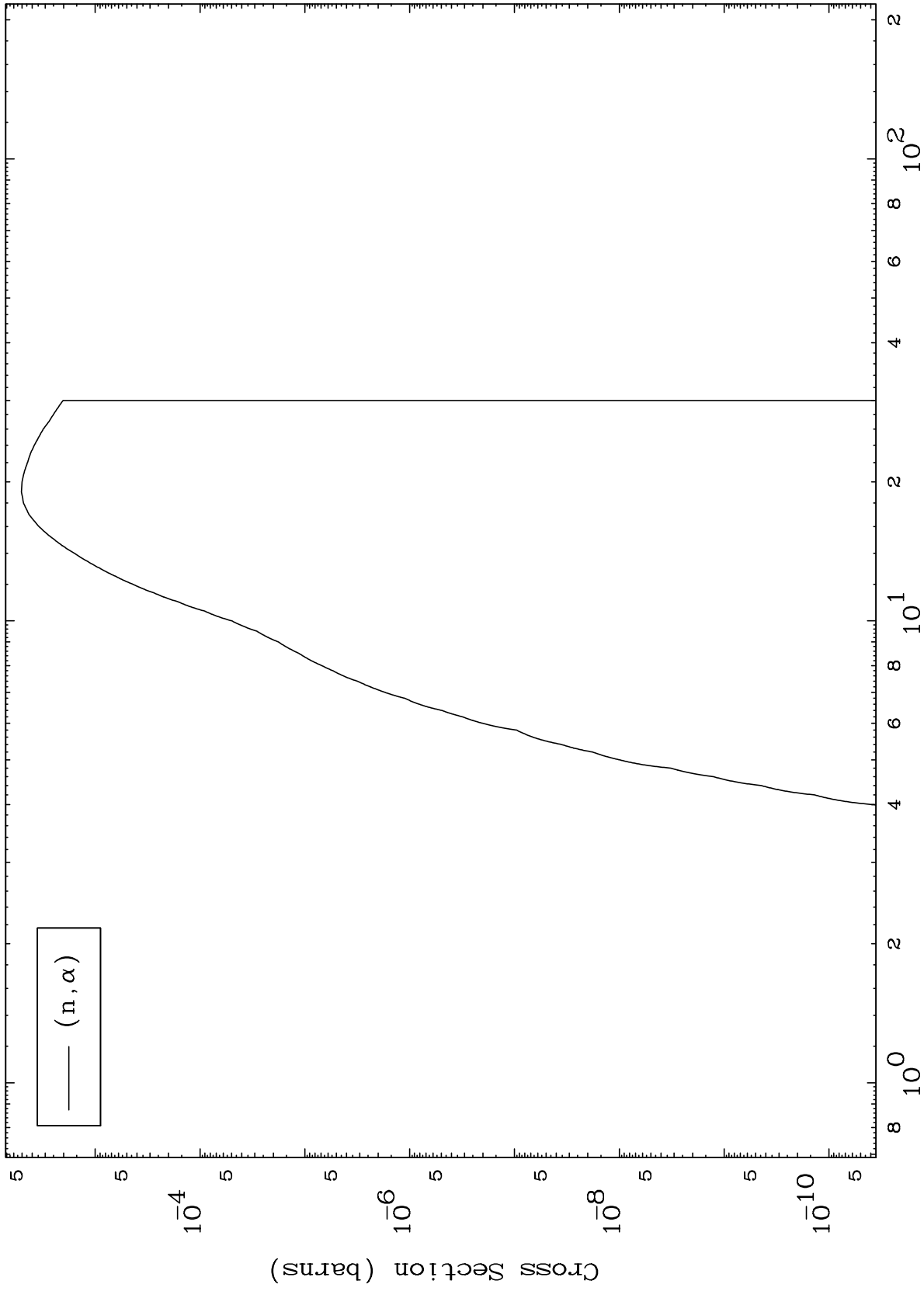
13

29-Cu-68

MAT 2940

(n,α) Levels
293 Kelvin Cross Sections

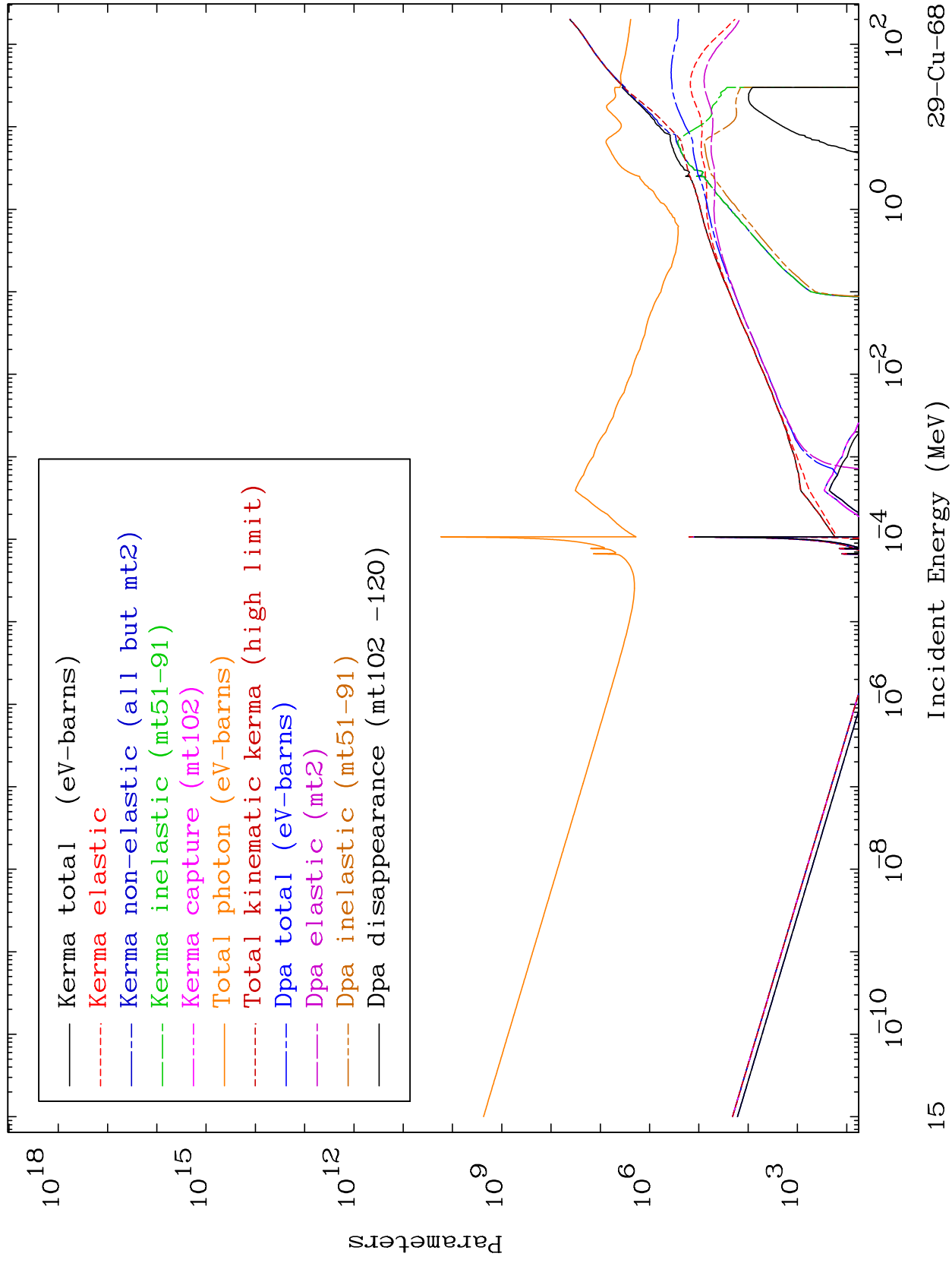
29-Cu-68

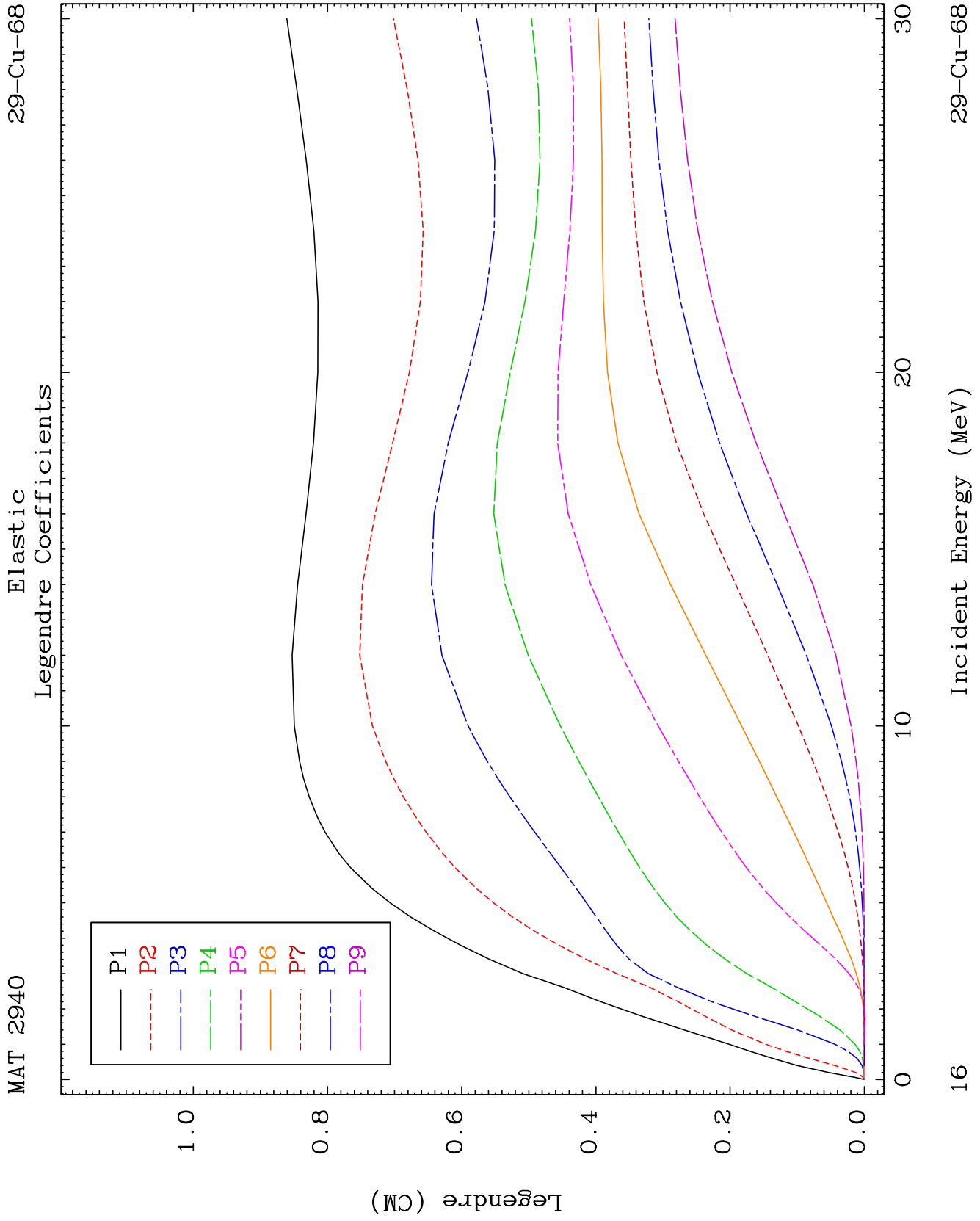


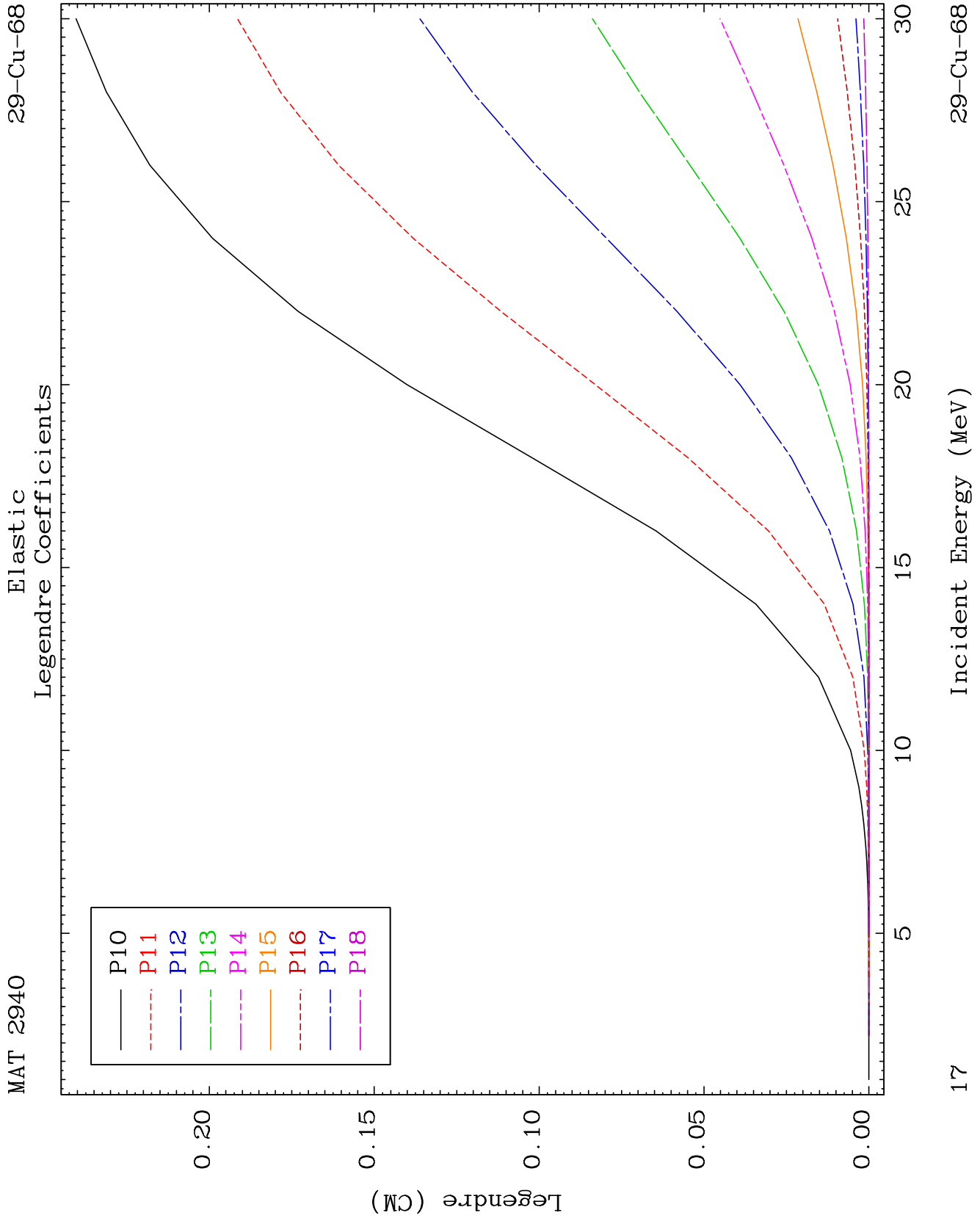
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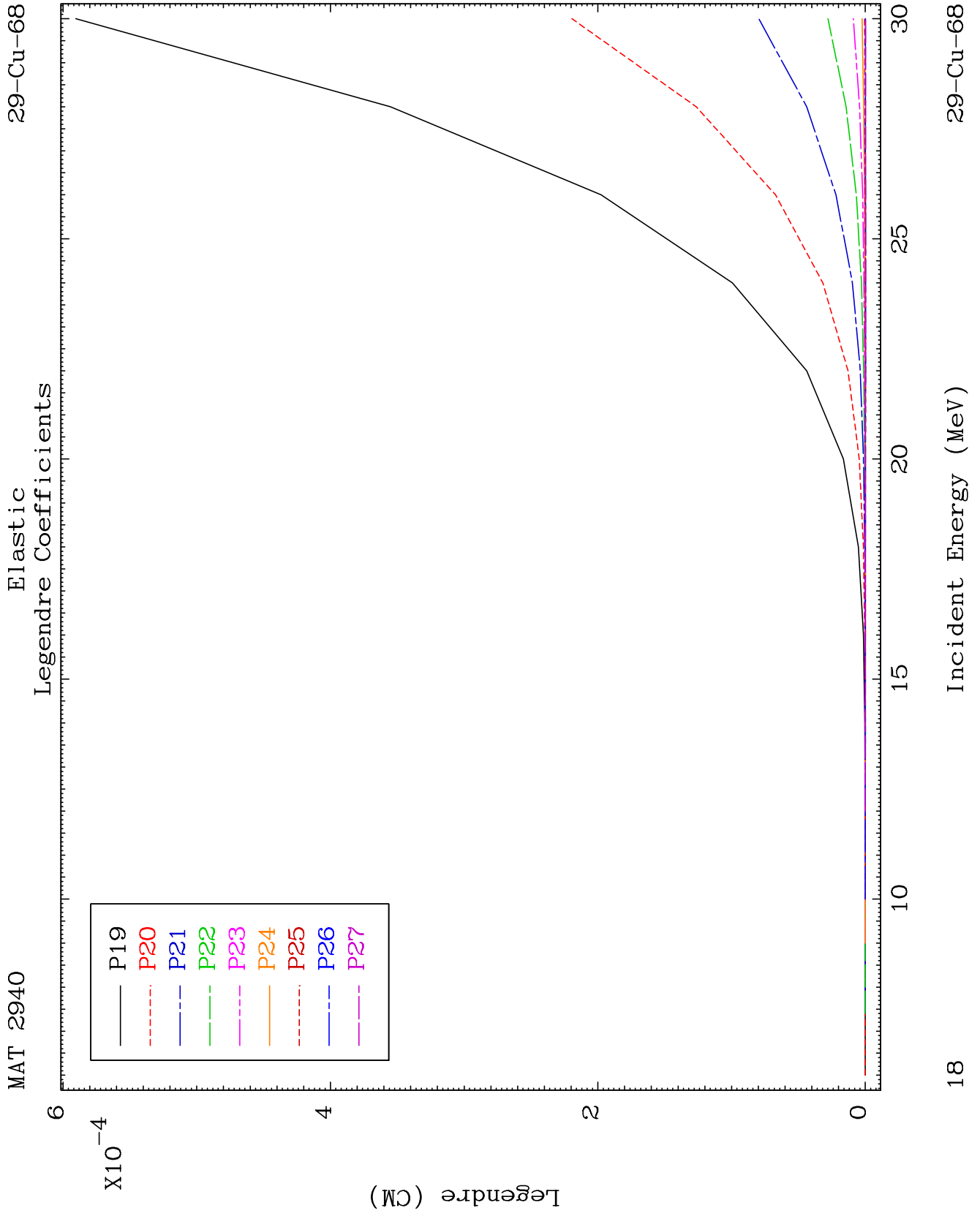
Incident Energy (MeV)

29-Cu-68

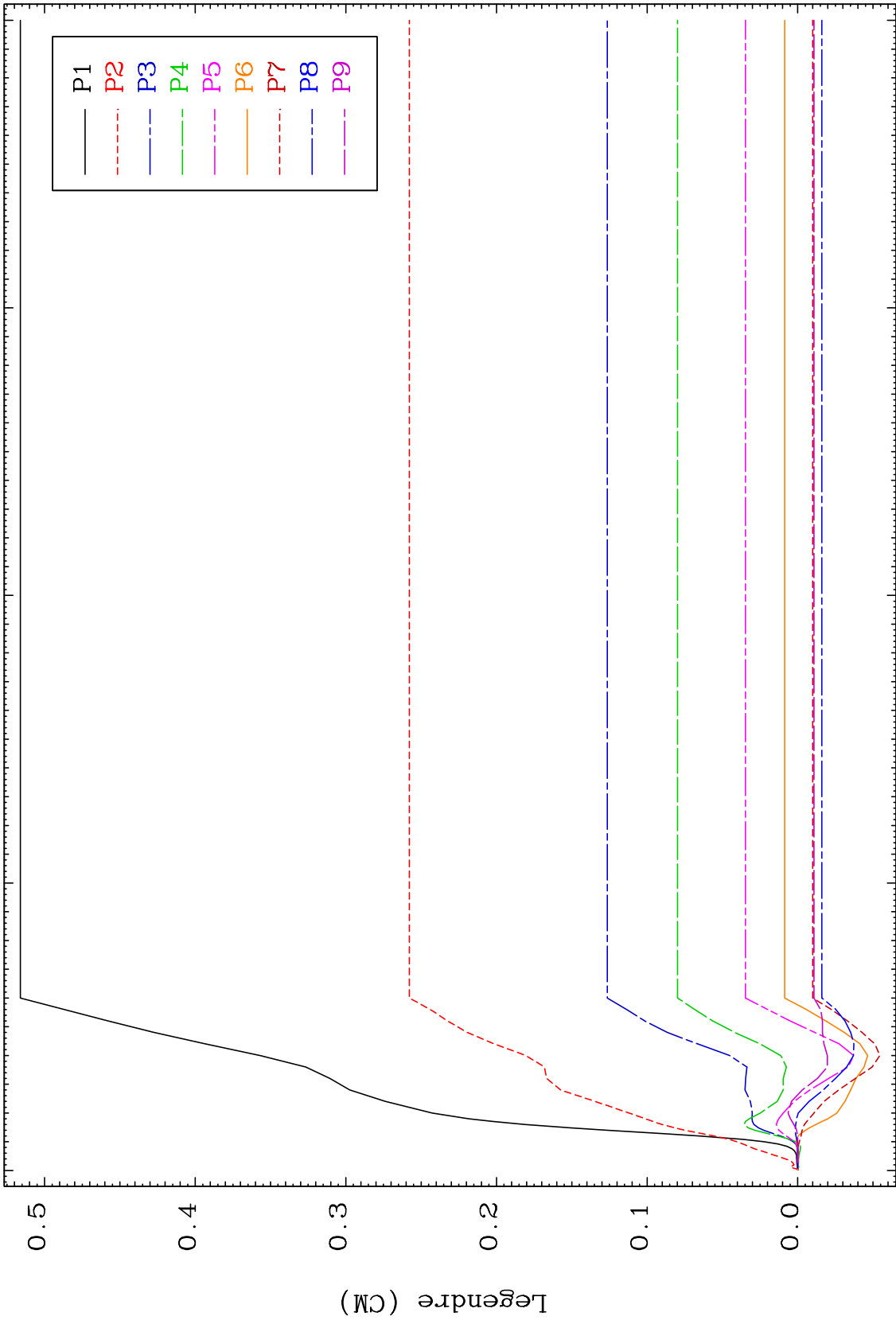






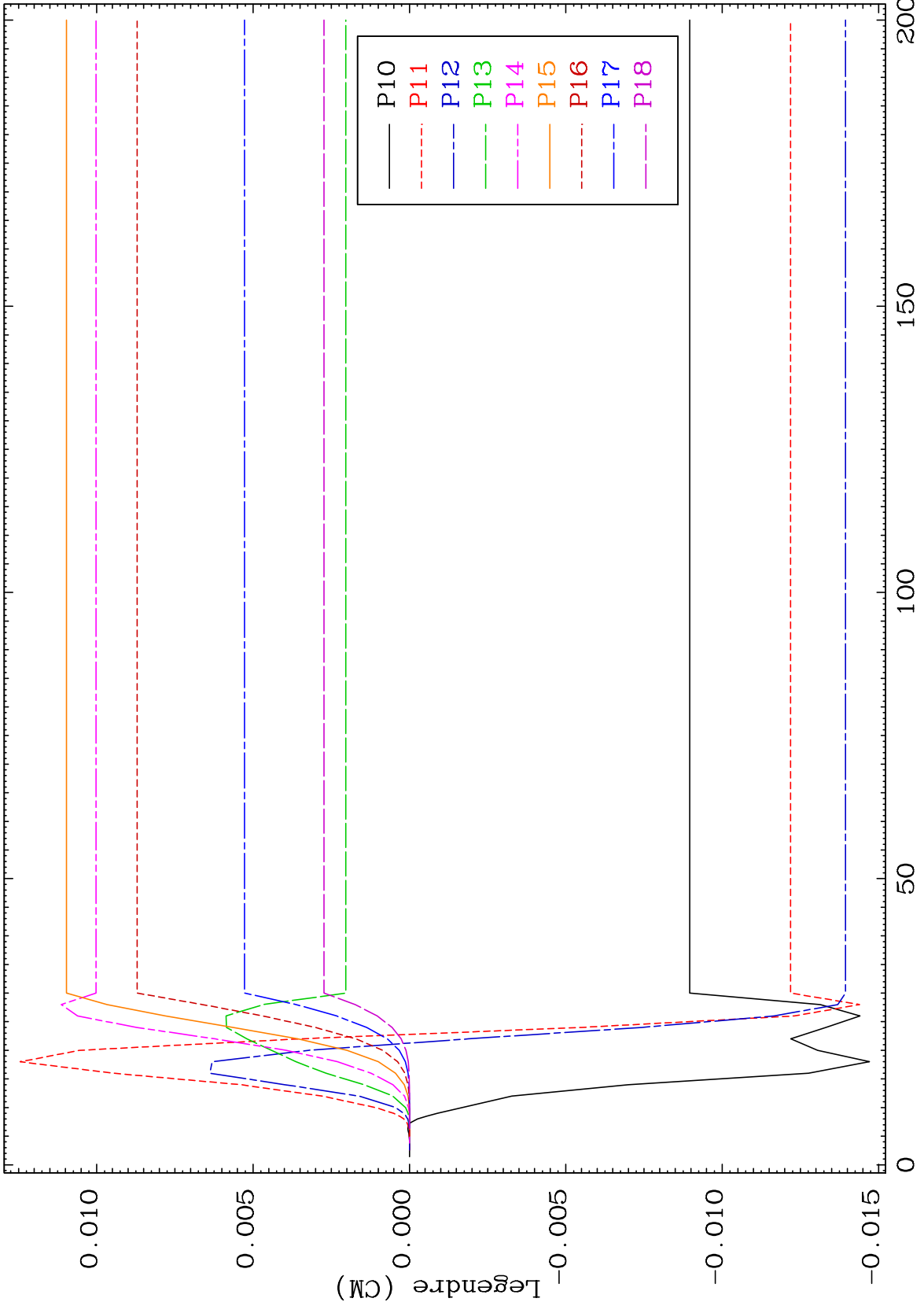


MAT 2940 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-68



Legendre (CM) Incident Energy (MeV) 29-Cu-68

MAT 2940 MT= 51 (n,n') Level Legendre Coefficients 29-Cu-68

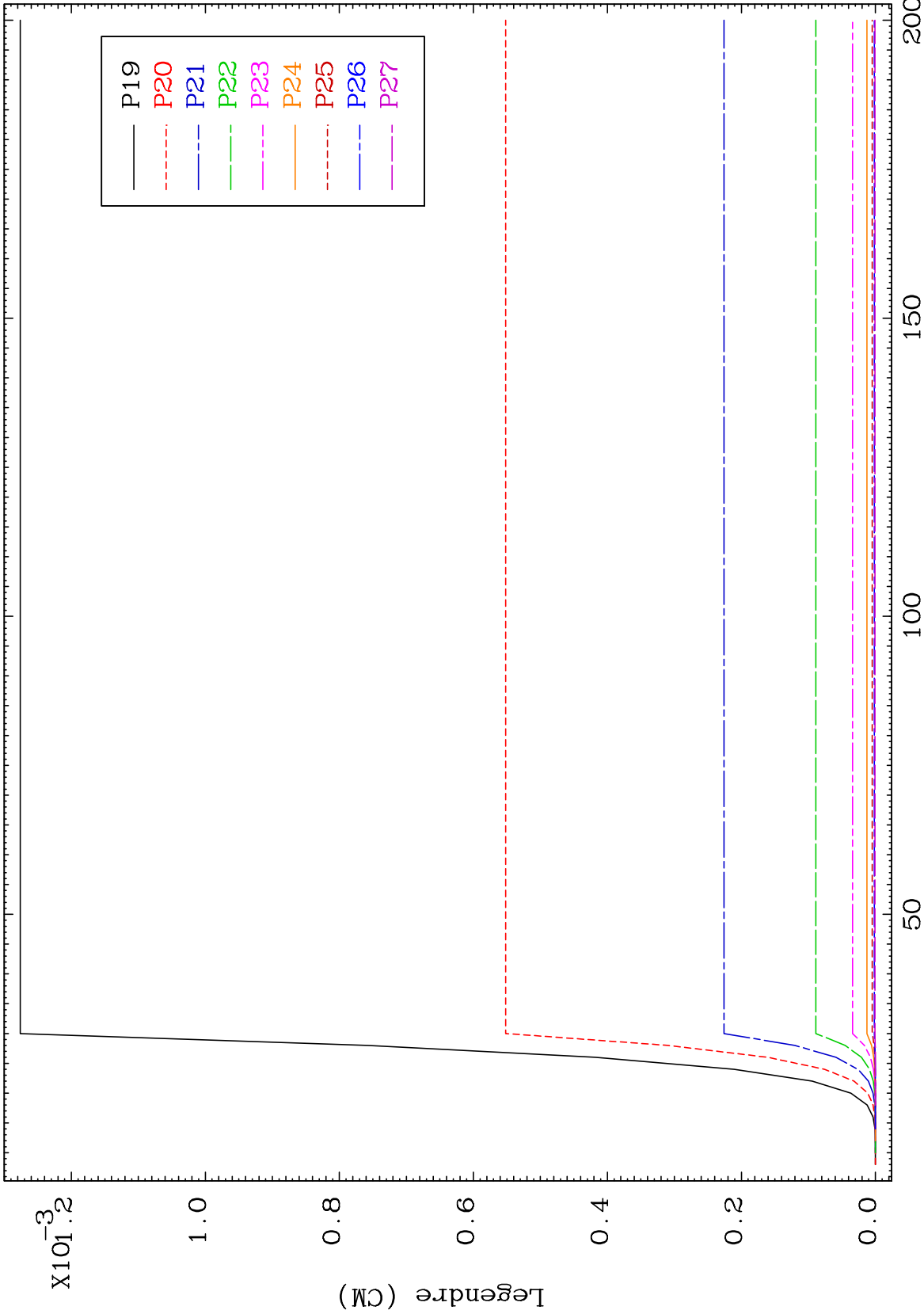


21 29-Cu-68

MAT 2940

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

29-Cu-68



22

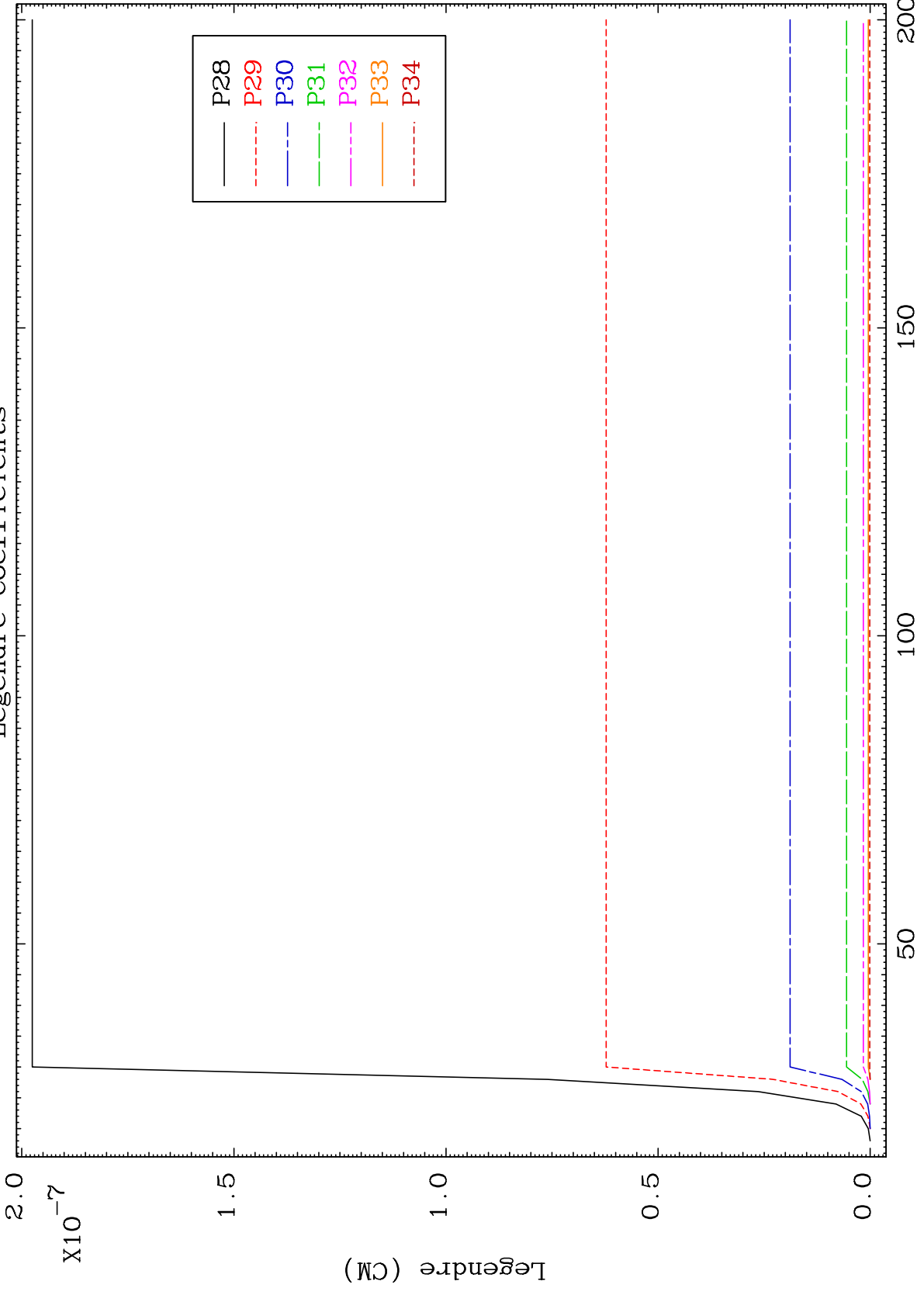
Incident Energy (MeV)

29-Cu-68

MAT 2940

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

29-Cu-68

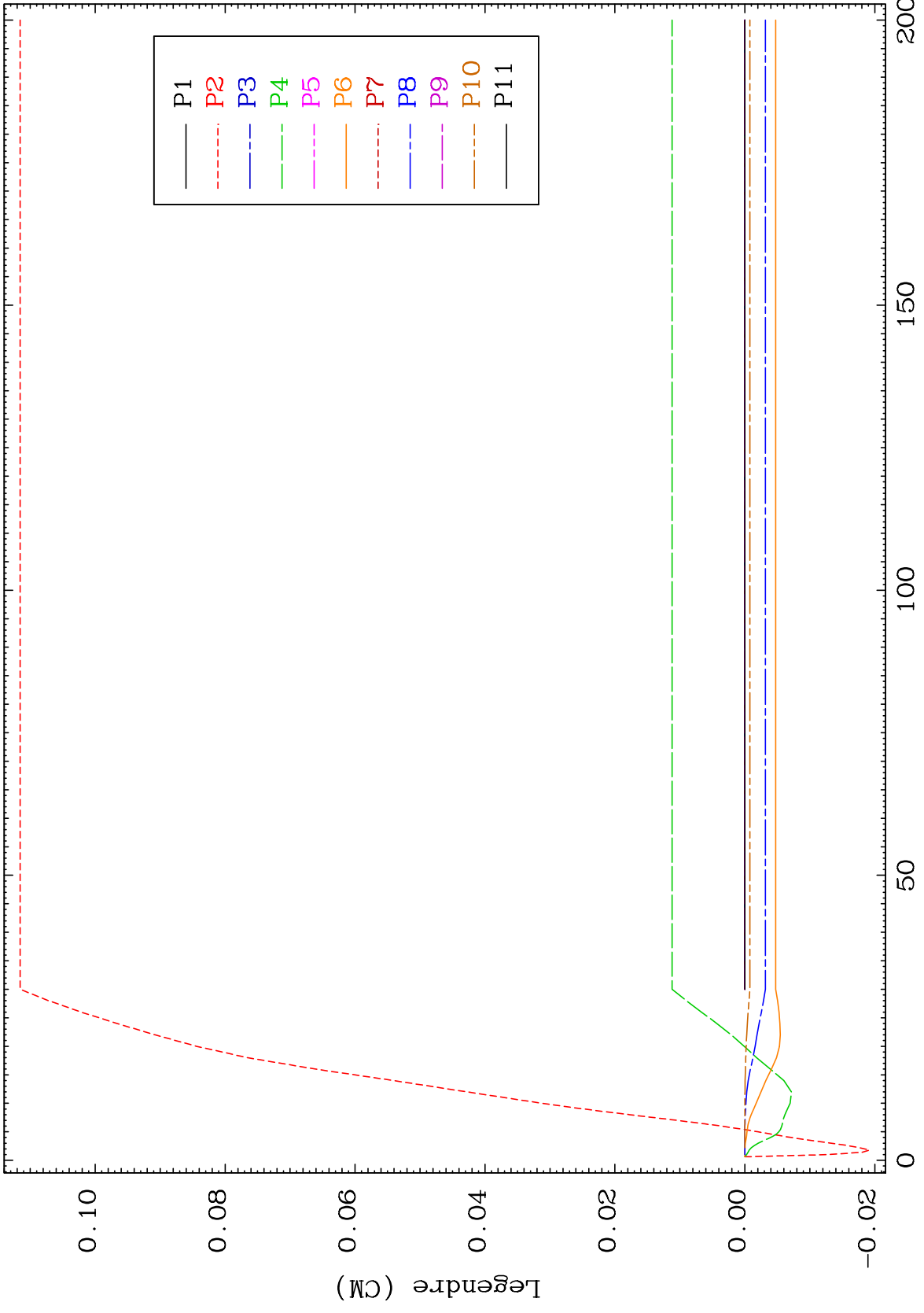


29-Cu-68

Incident Energy (MeV)

23

MAT 2940 MT= 52 (n,n') Level Legendre Coefficients 29-Cu-68

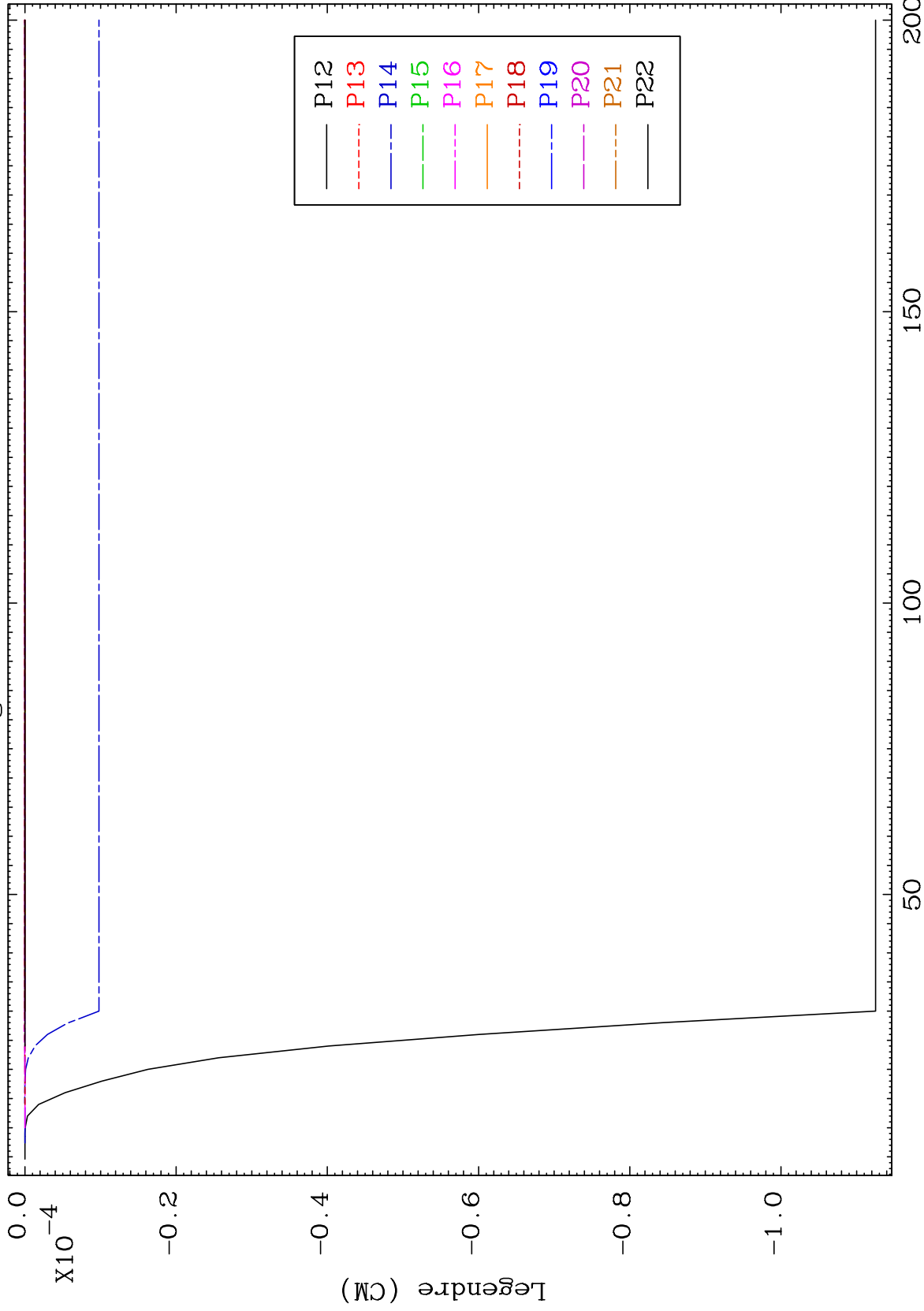


24 29-Cu-68

MAT 2940

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

29-Cu-68

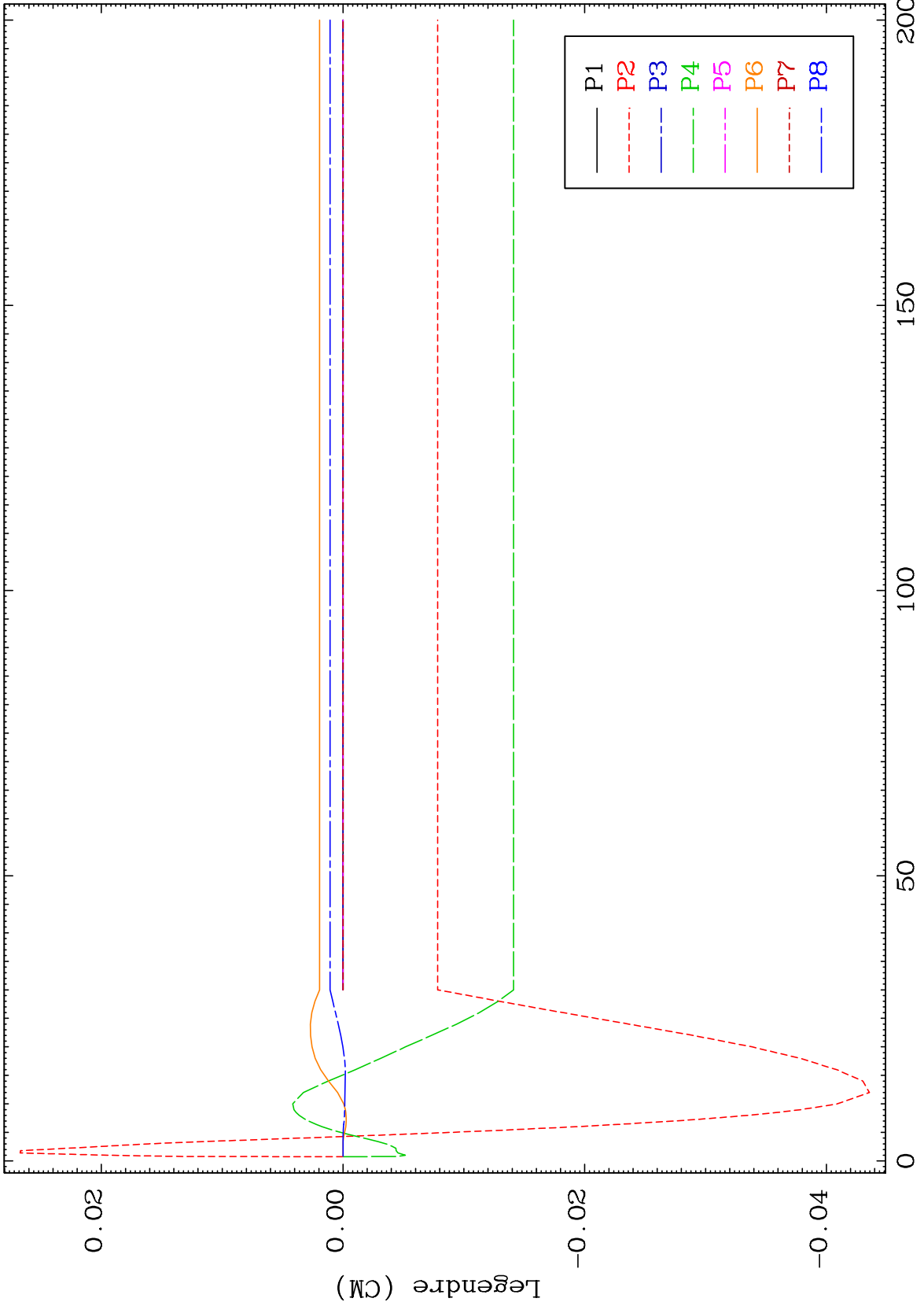


29-Cu-68

Incident Energy (MeV)

25

MAT 2940 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-68

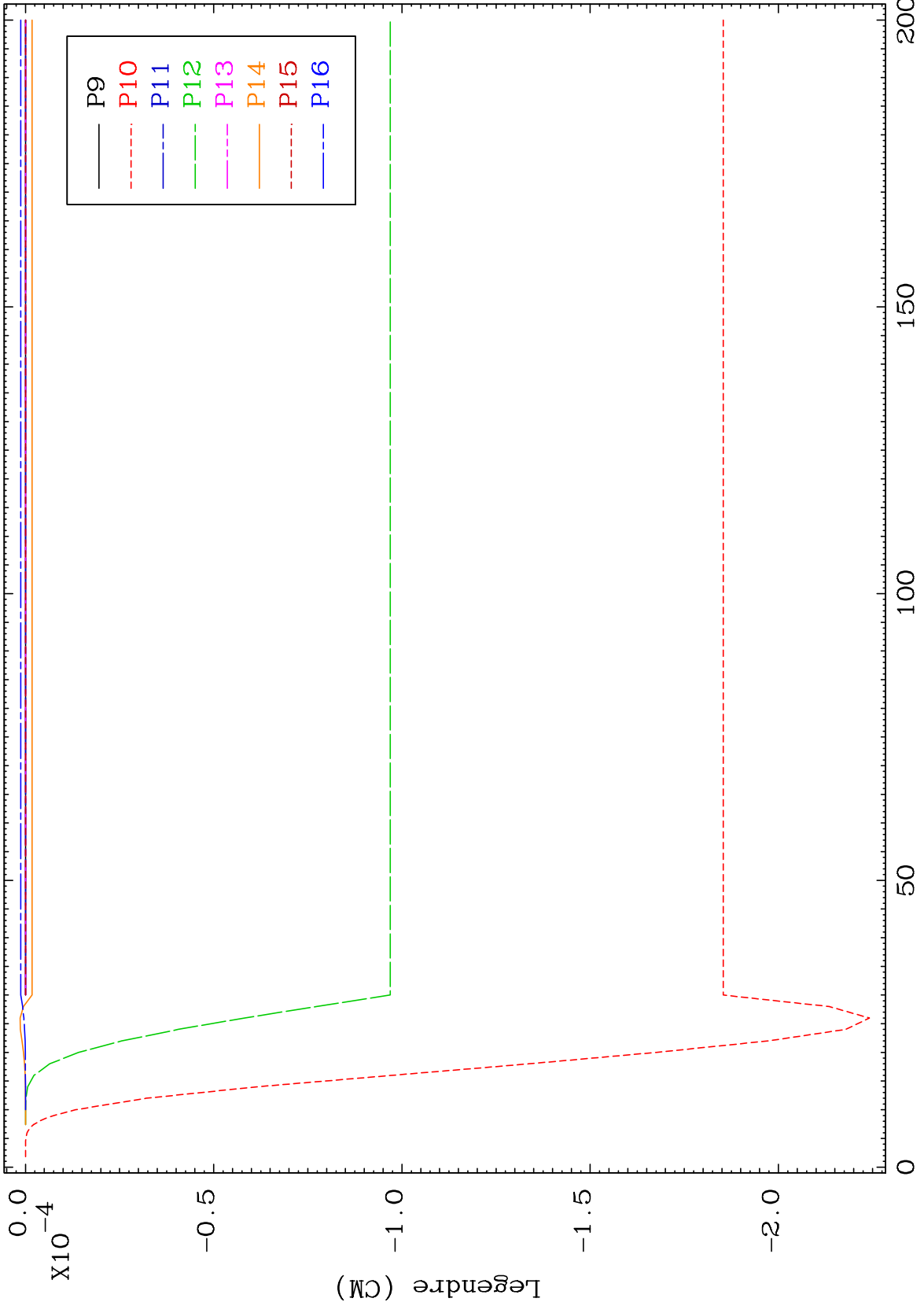


26 29-Cu-68

MAT 2940

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

29-Cu-68

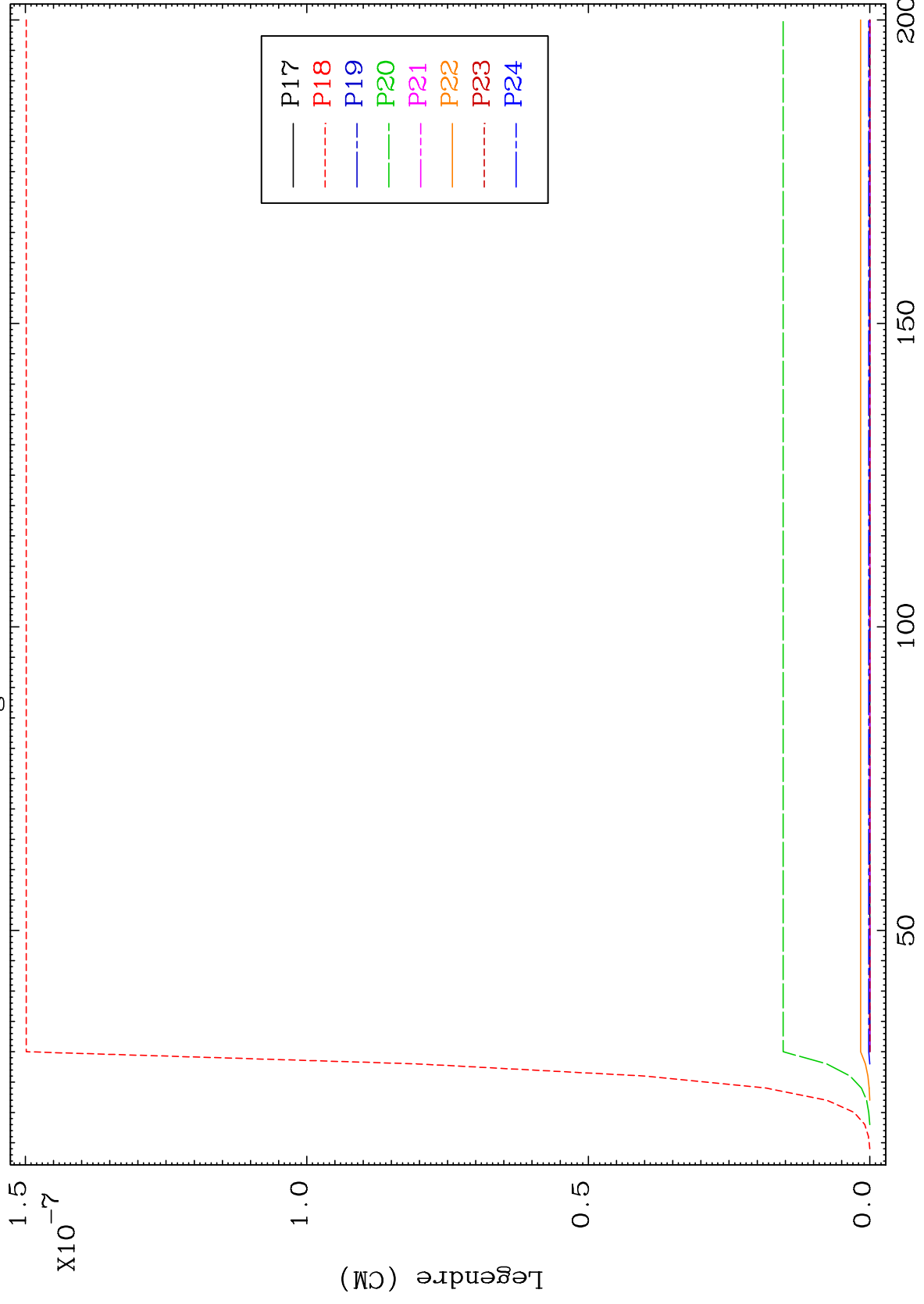


29-Cu-68

Incident Energy (MeV)

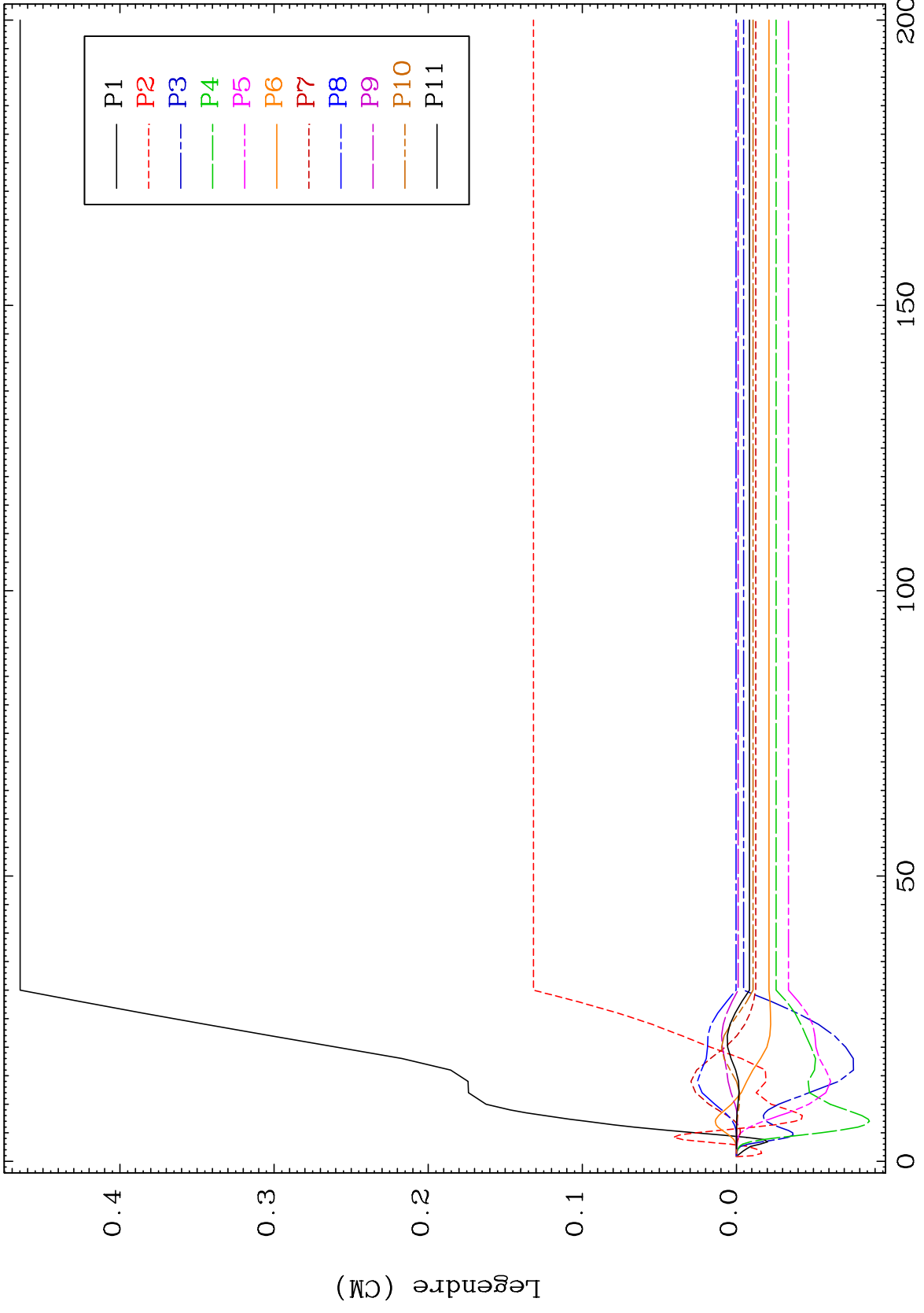
27

MAT 2940 MT= 53 (n,n') Level Legendre Coefficients 29-Cu-68



28 Incident Energy (MeV) 200 29-Cu-68

MAT 2940 MT= 54 (n,n') Level Legendre Coefficients 29-Cu-68

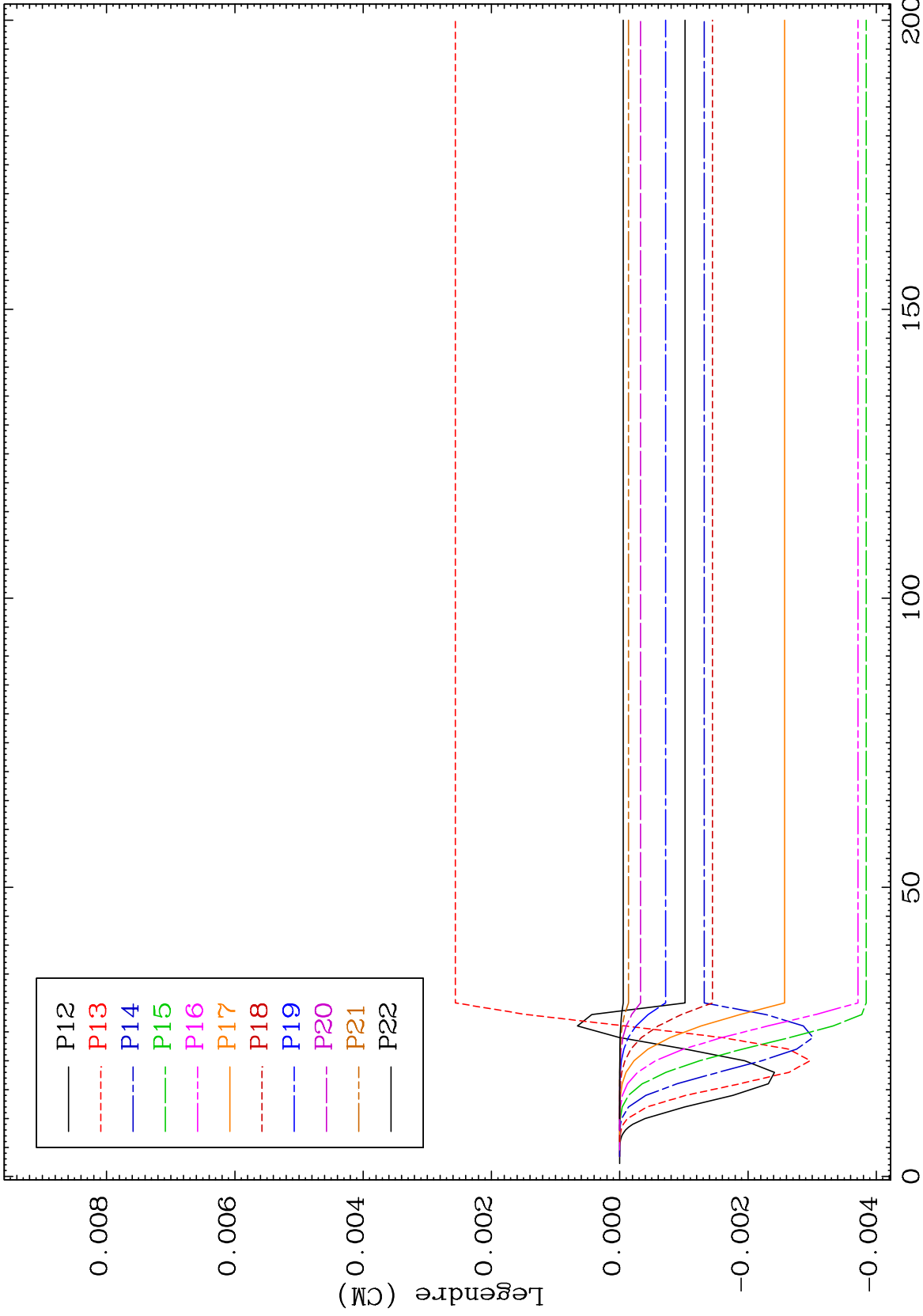


29-Cu-68

MAT 2940

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

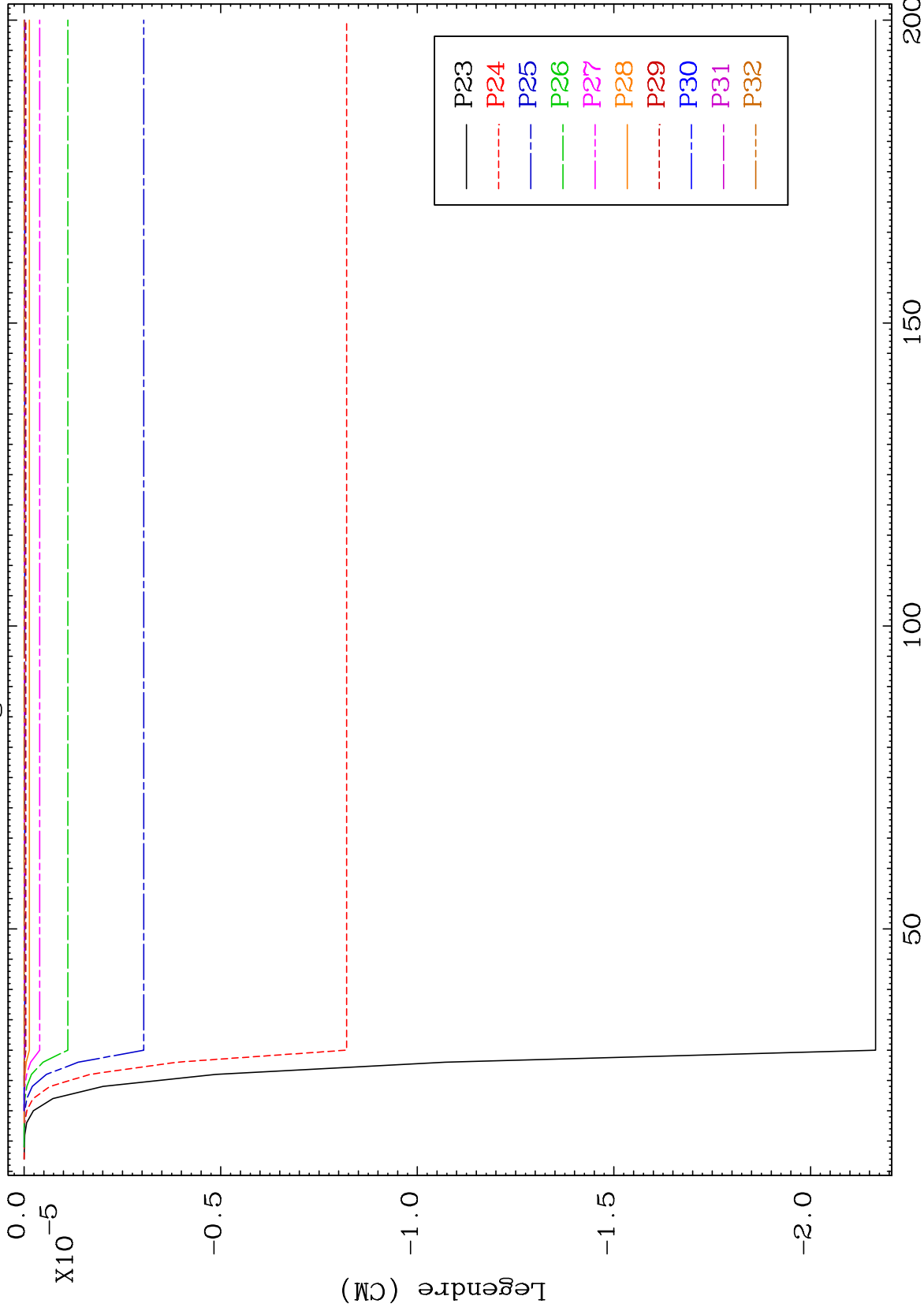
29-Cu-68



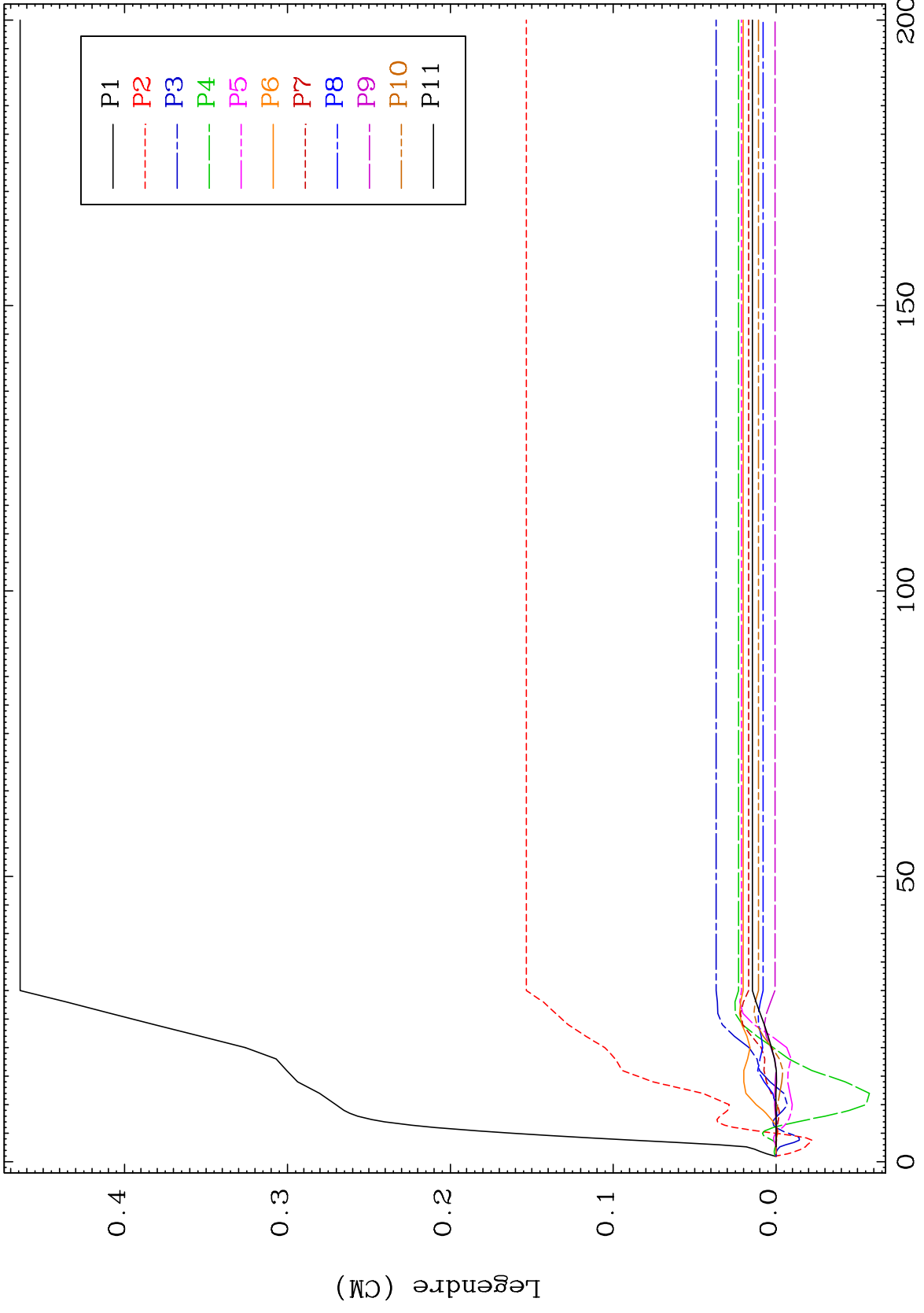
30

Incident Energy (MeV)

29-Cu-68

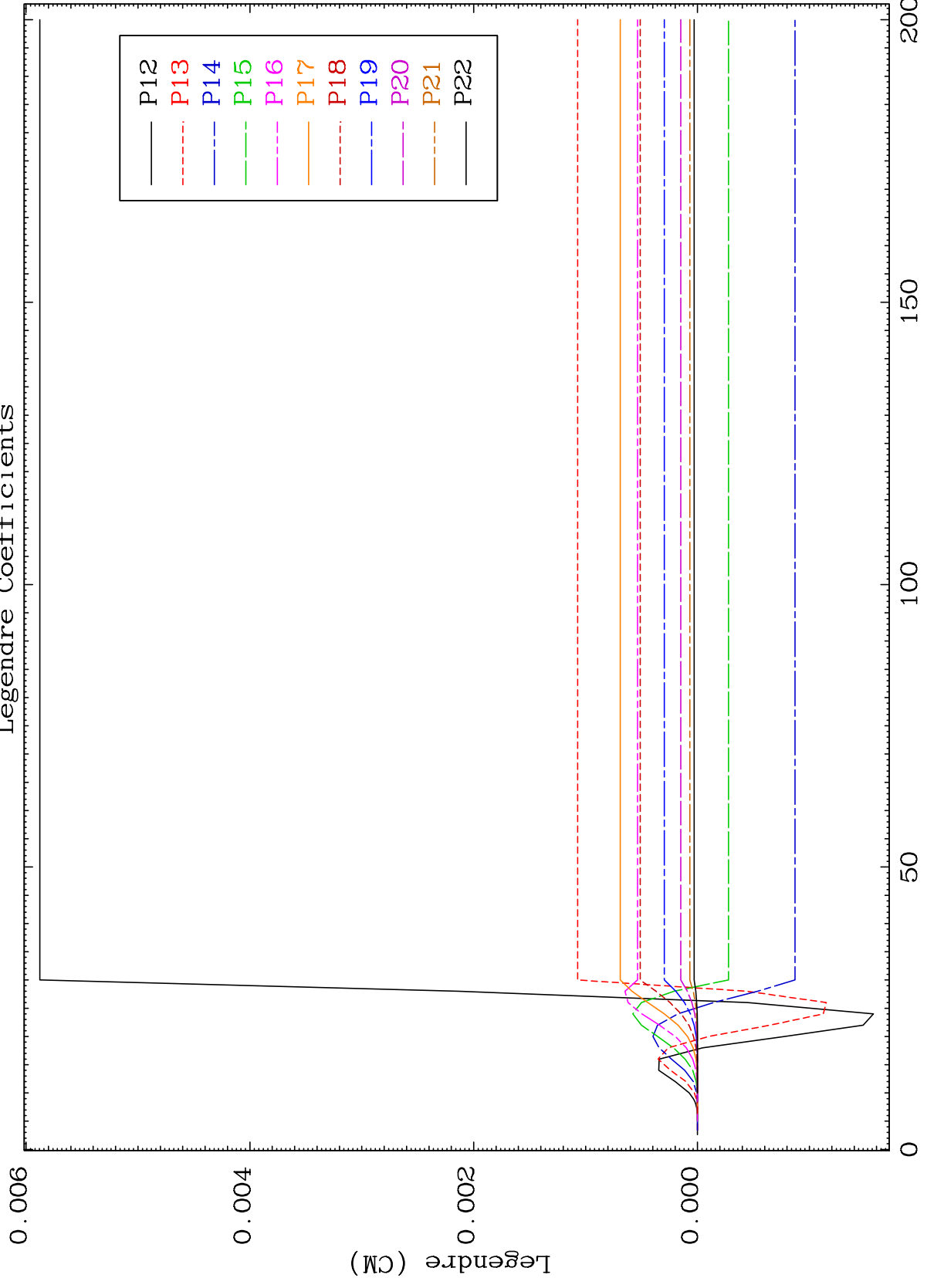


MAT 2940 MT= 55 (n,n') Level Legendre Coefficients 29-Cu-68



32 29-Cu-68

MAT 2940 MT= 55 (n,n') Level Legendre Coefficients 29-Cu-68

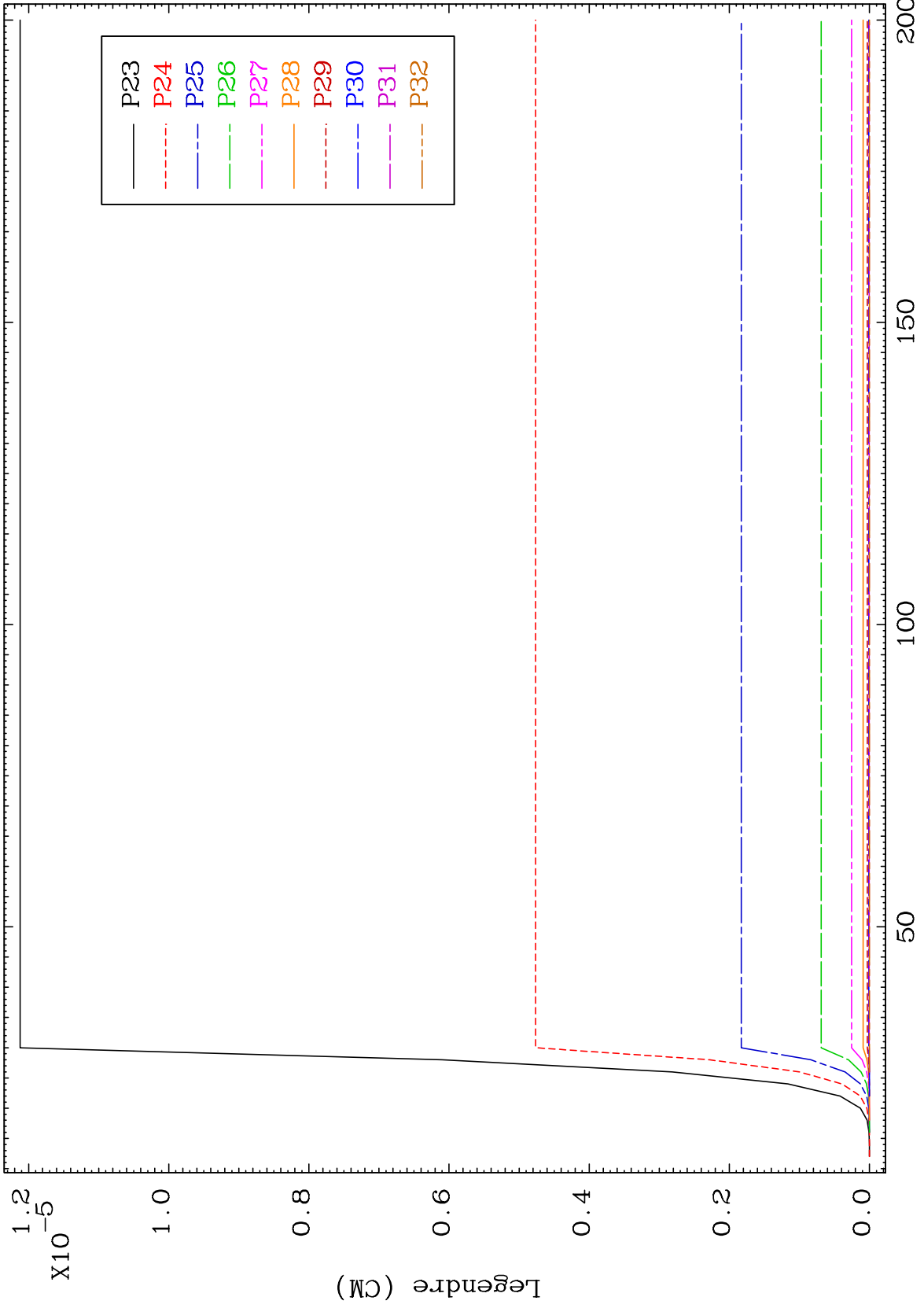


33 29-Cu-68

MAT 2940

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

29-Cu-68

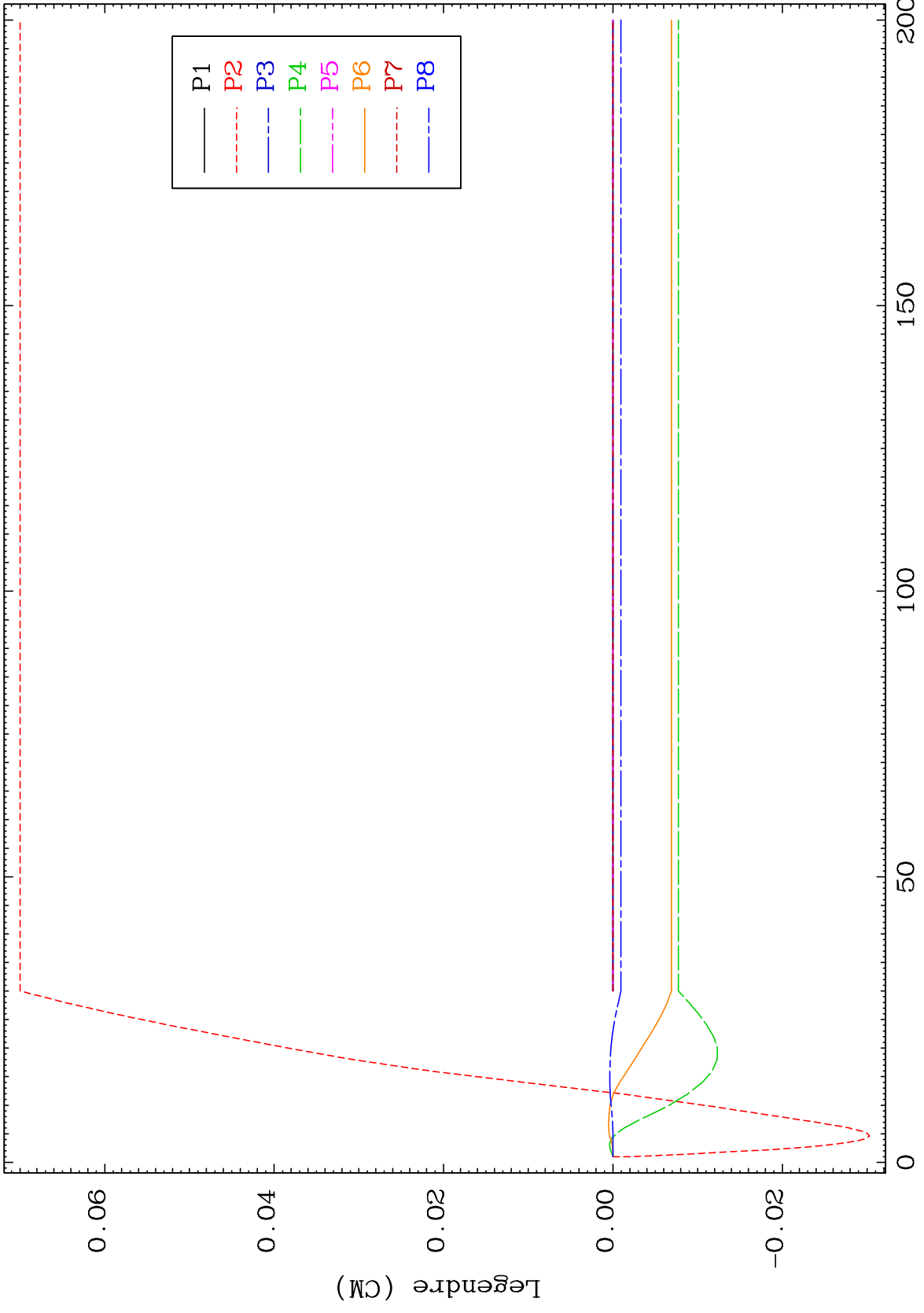


34

Incident Energy (MeV)

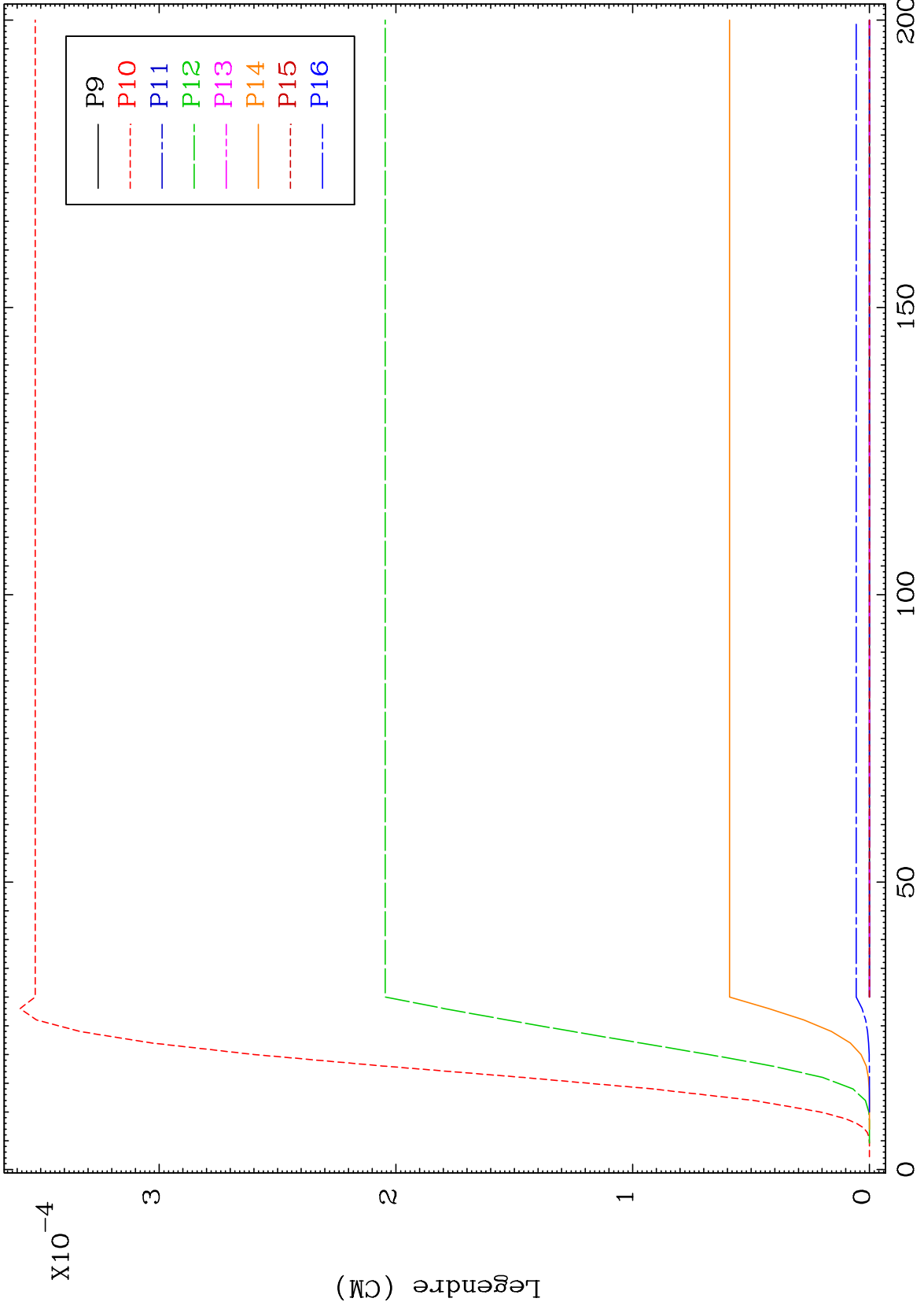
29-Cu-68

MAT 2940 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-68



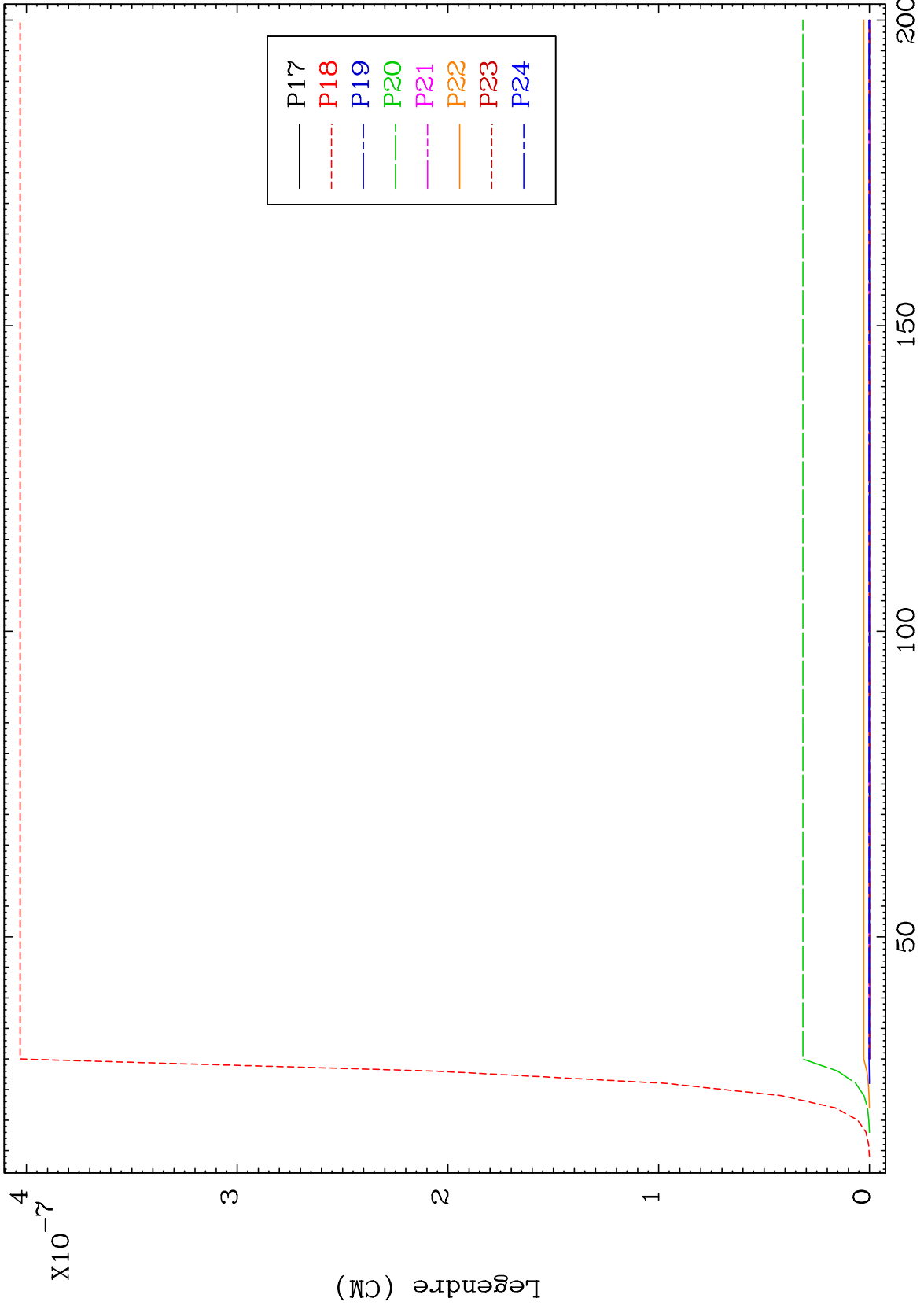
35 Incident Energy (MeV) 29-Cu-68

MAT 2940 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-68



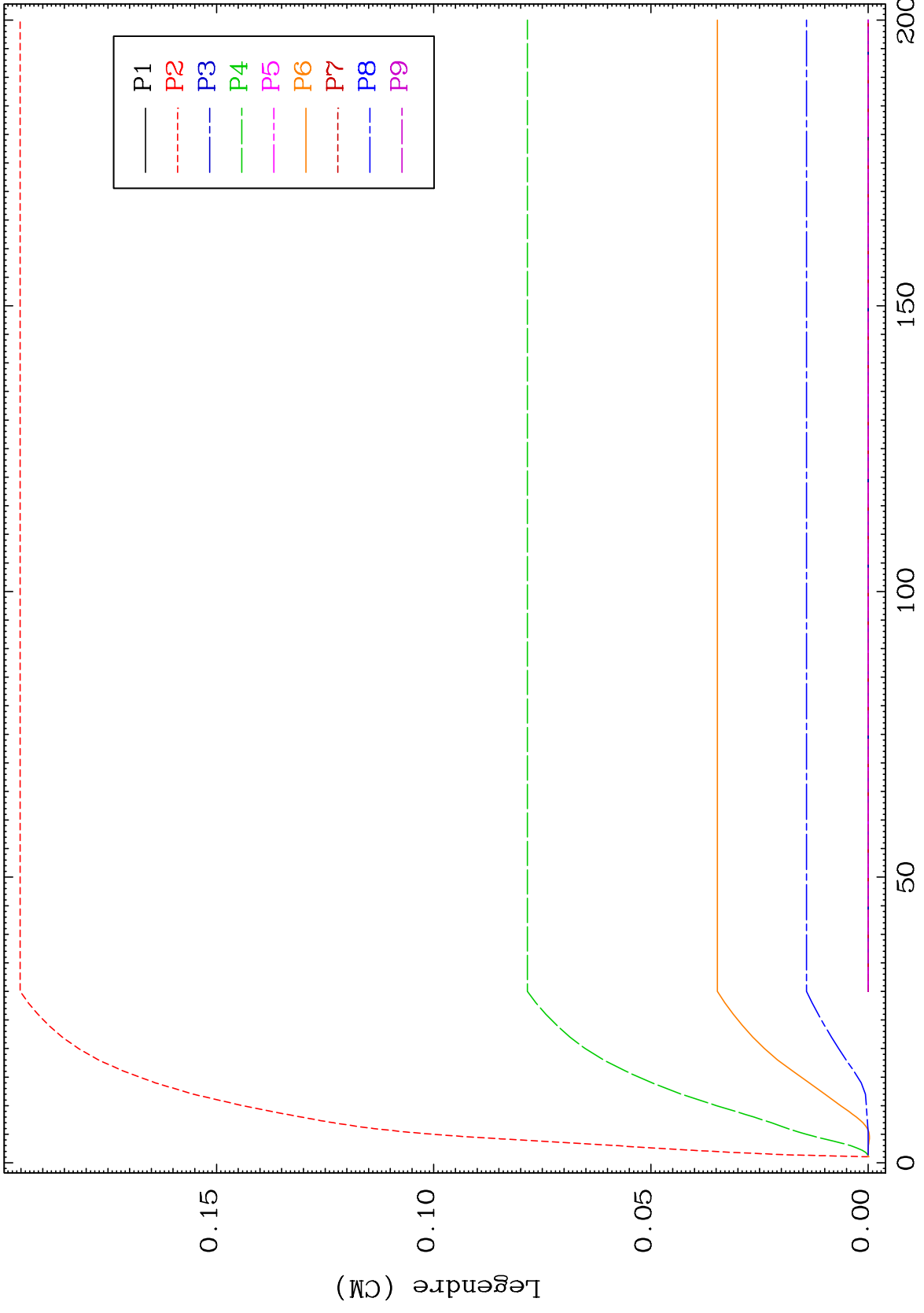
36 29-Cu-68

MAT 2940 MT= 56 (n,n') Level Legendre Coefficients 29-Cu-68



37 Incident Energy (MeV) 200 29-Cu-68

MAT 2940 MT= 57 (n,n') Level Legendre Coefficients 29-Cu-68

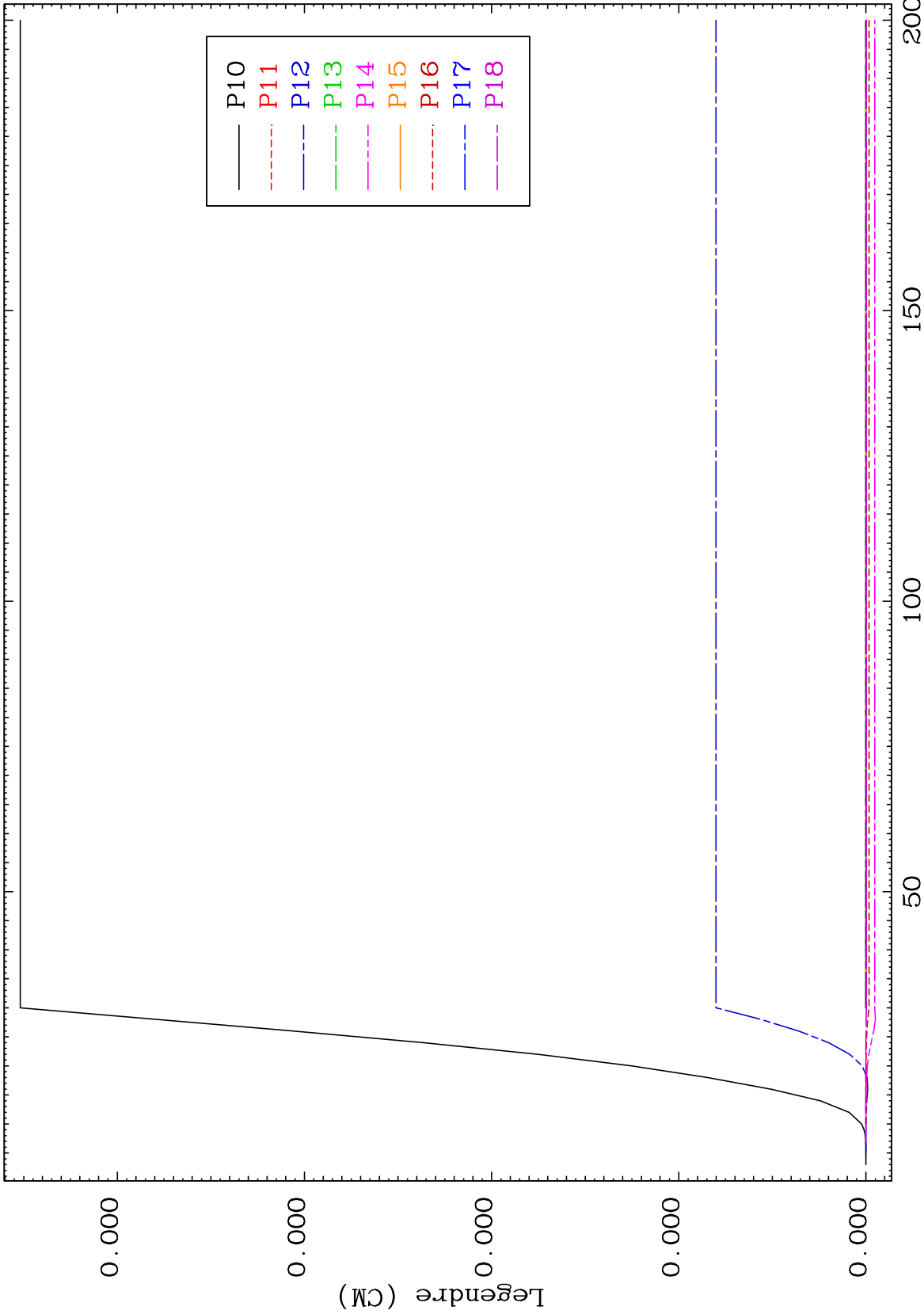


38 Incident Energy (MeV) 29-Cu-68

MAT 2940

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

29-Cu-68



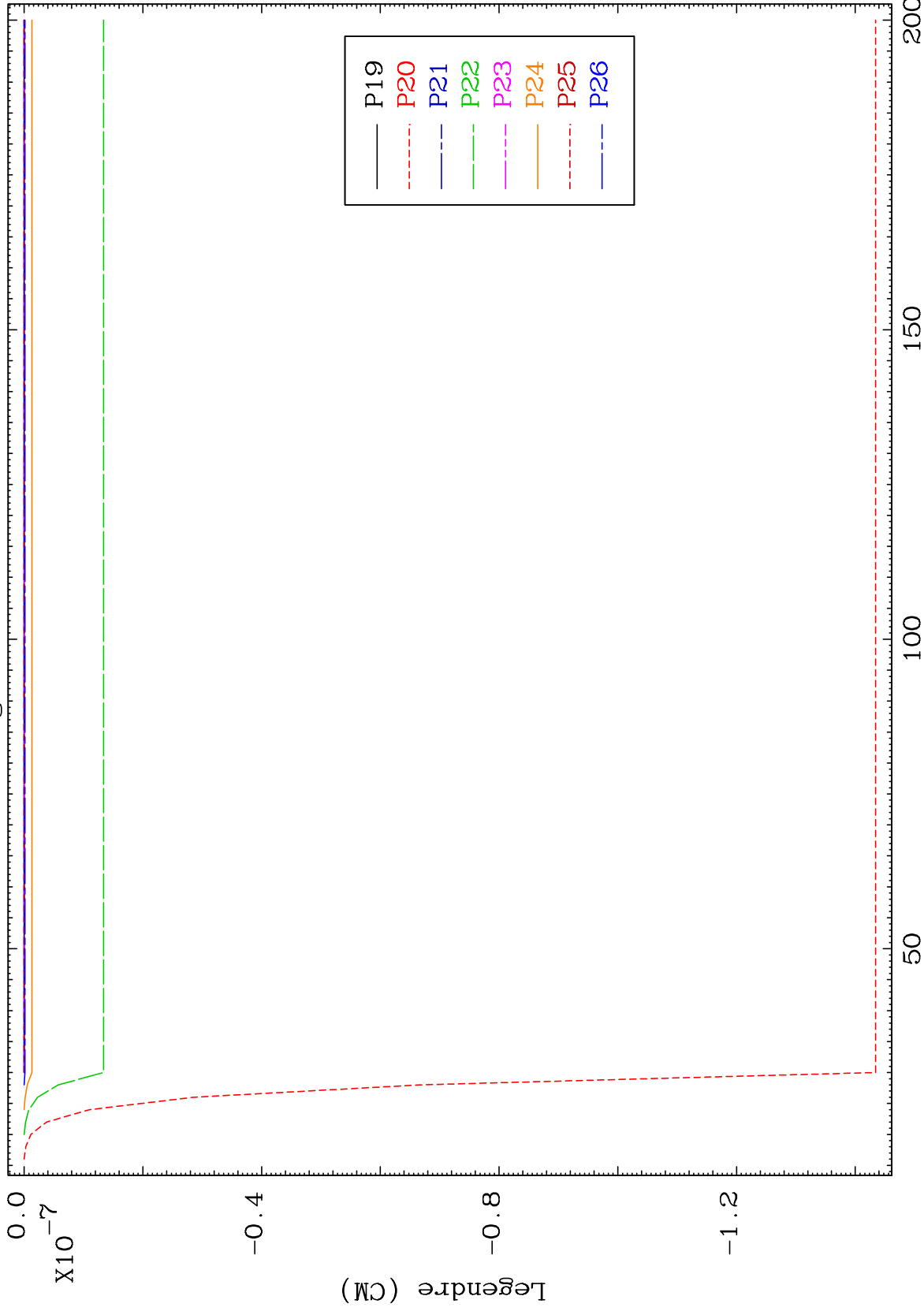
39

29-Cu-68

MAT 2940

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

29-Cu-68

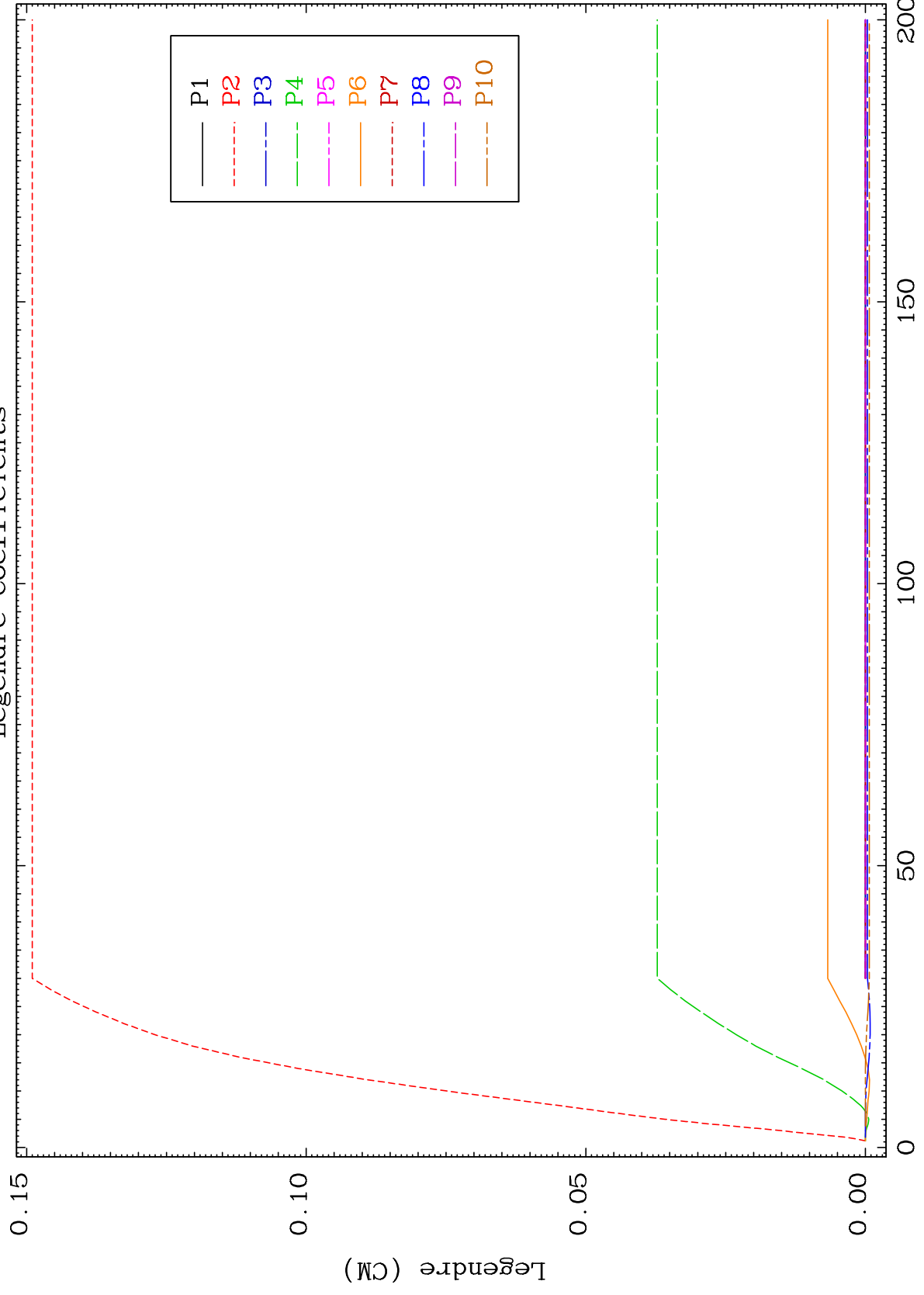


29-Cu-68

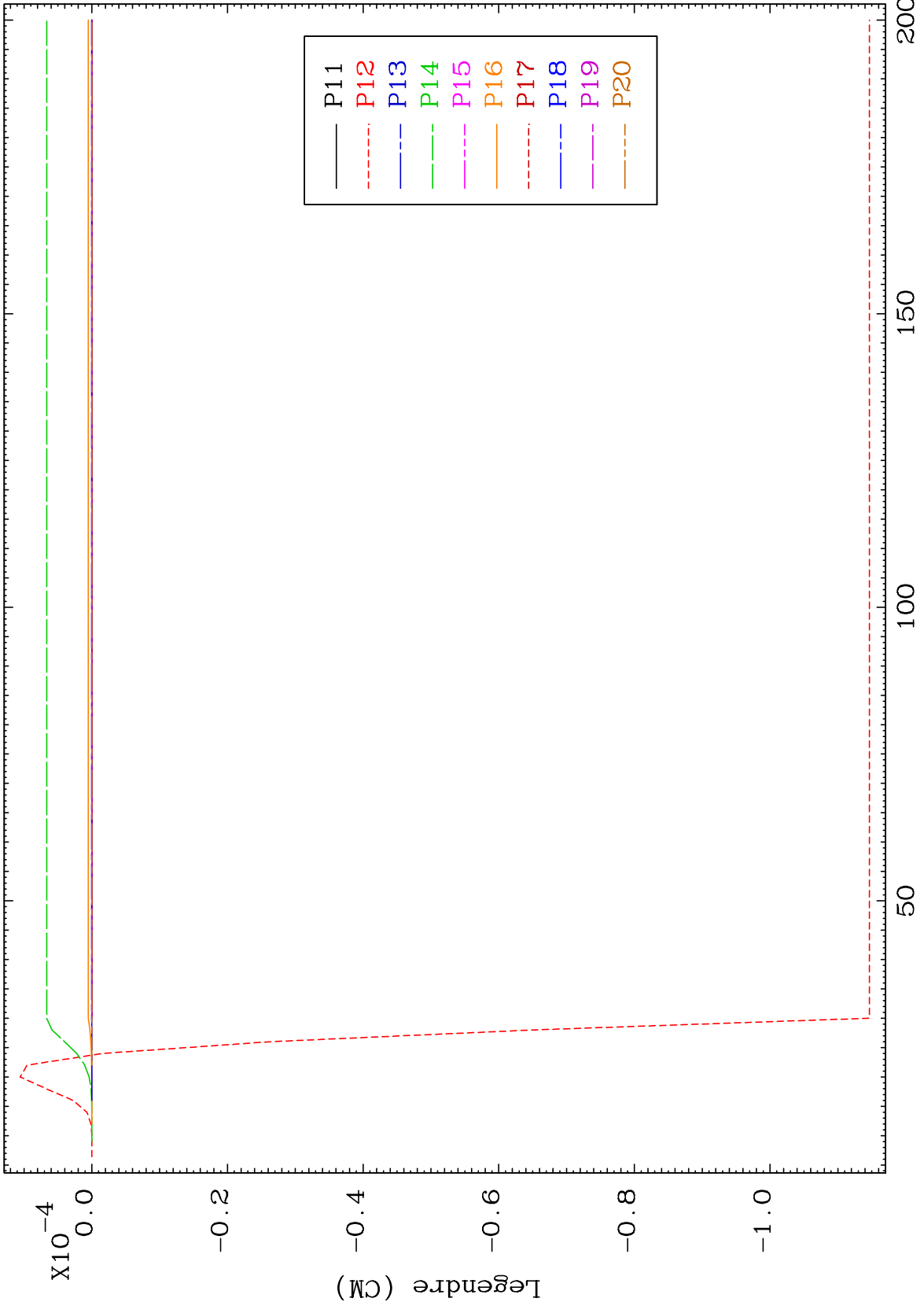
Incident Energy (MeV)

40

MAT 2940 MT= 58 (n,n') Level Legendre Coefficients 29-Cu-68

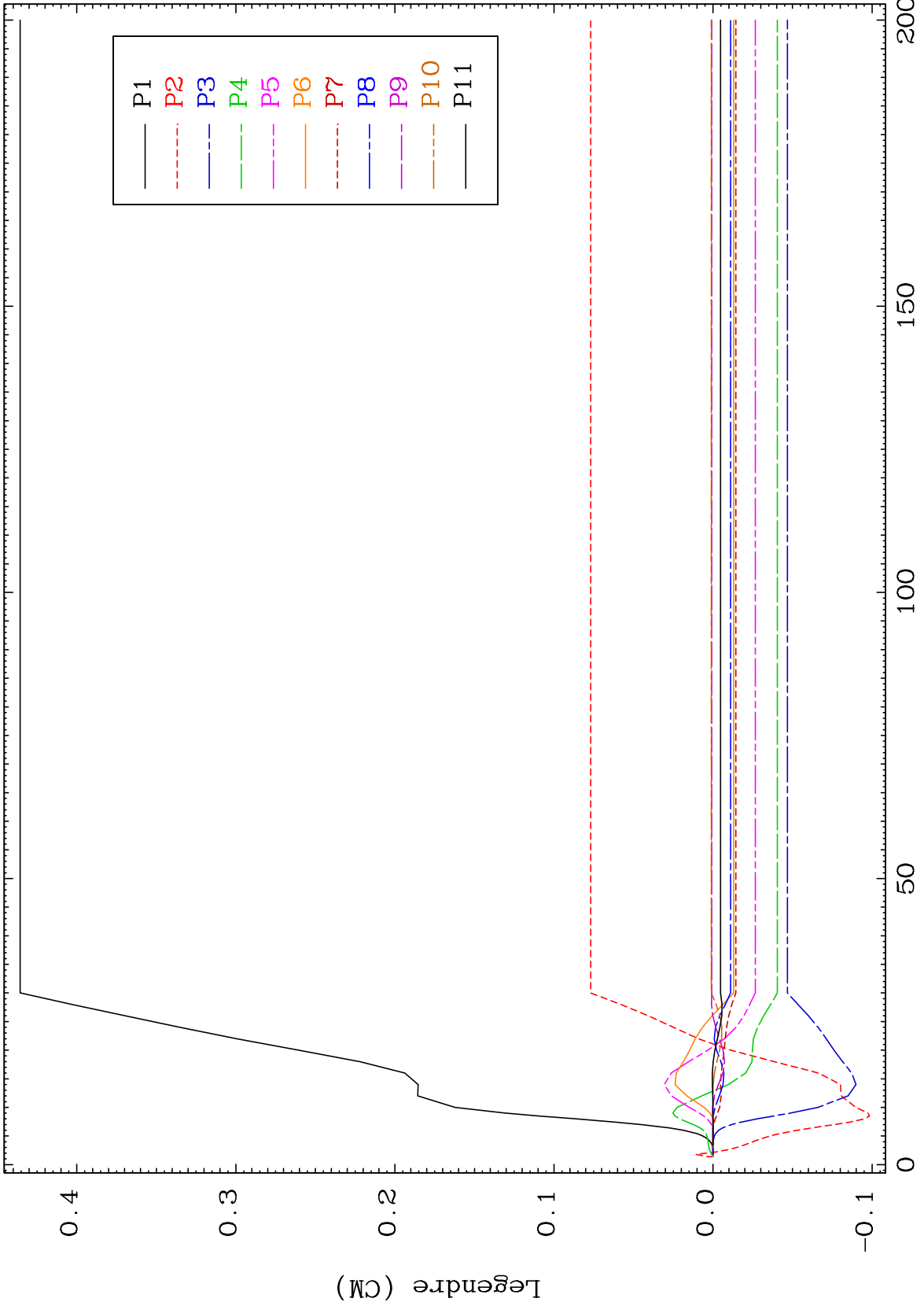


MAT 2940 MT= 58 (n,n') Level Legendre Coefficients 29-Cu-68



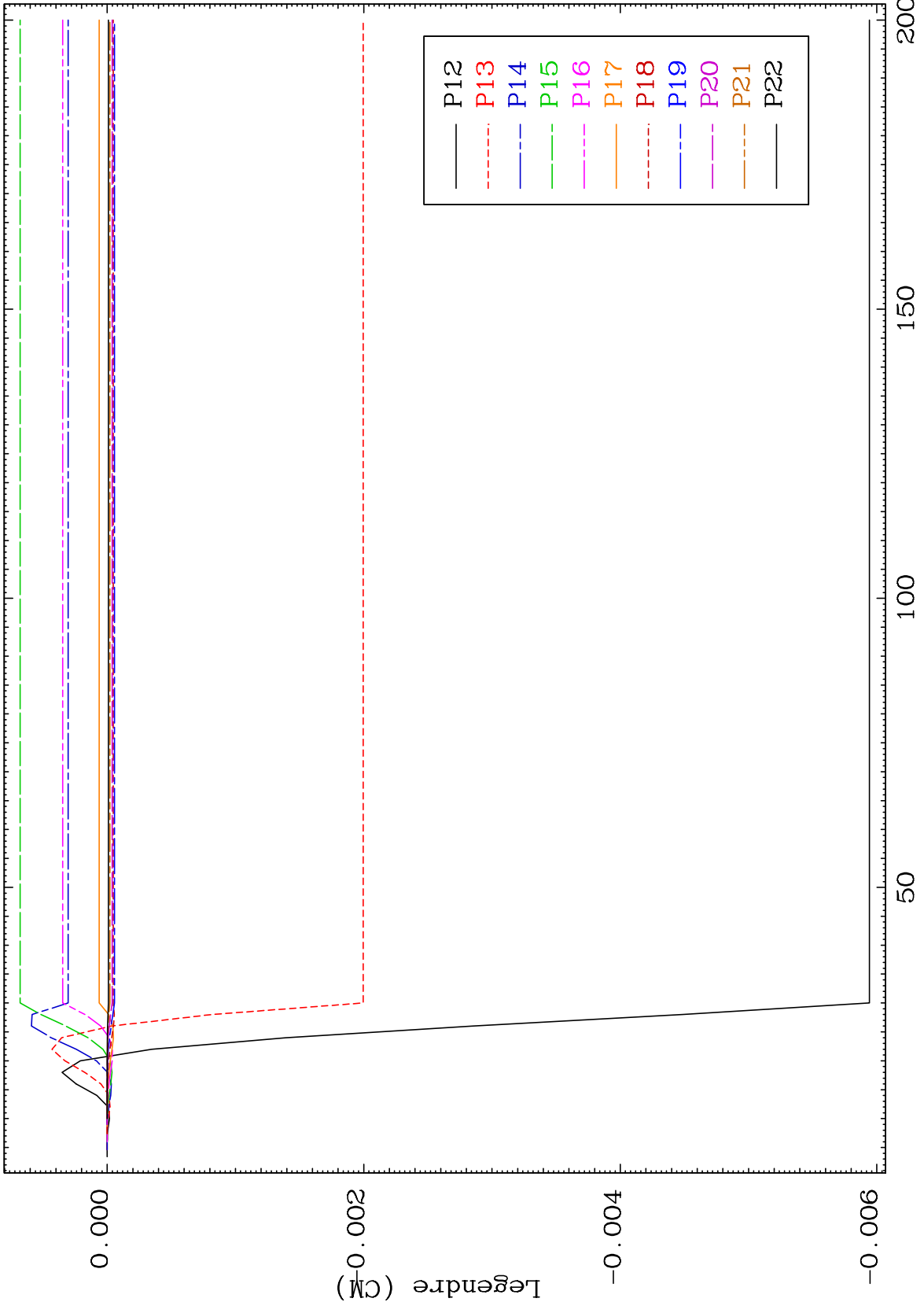
42 29-Cu-68

MAT 2940 MT= 59 (n,n') Level Legendre Coefficients 29-Cu-68



43 29-Cu-68

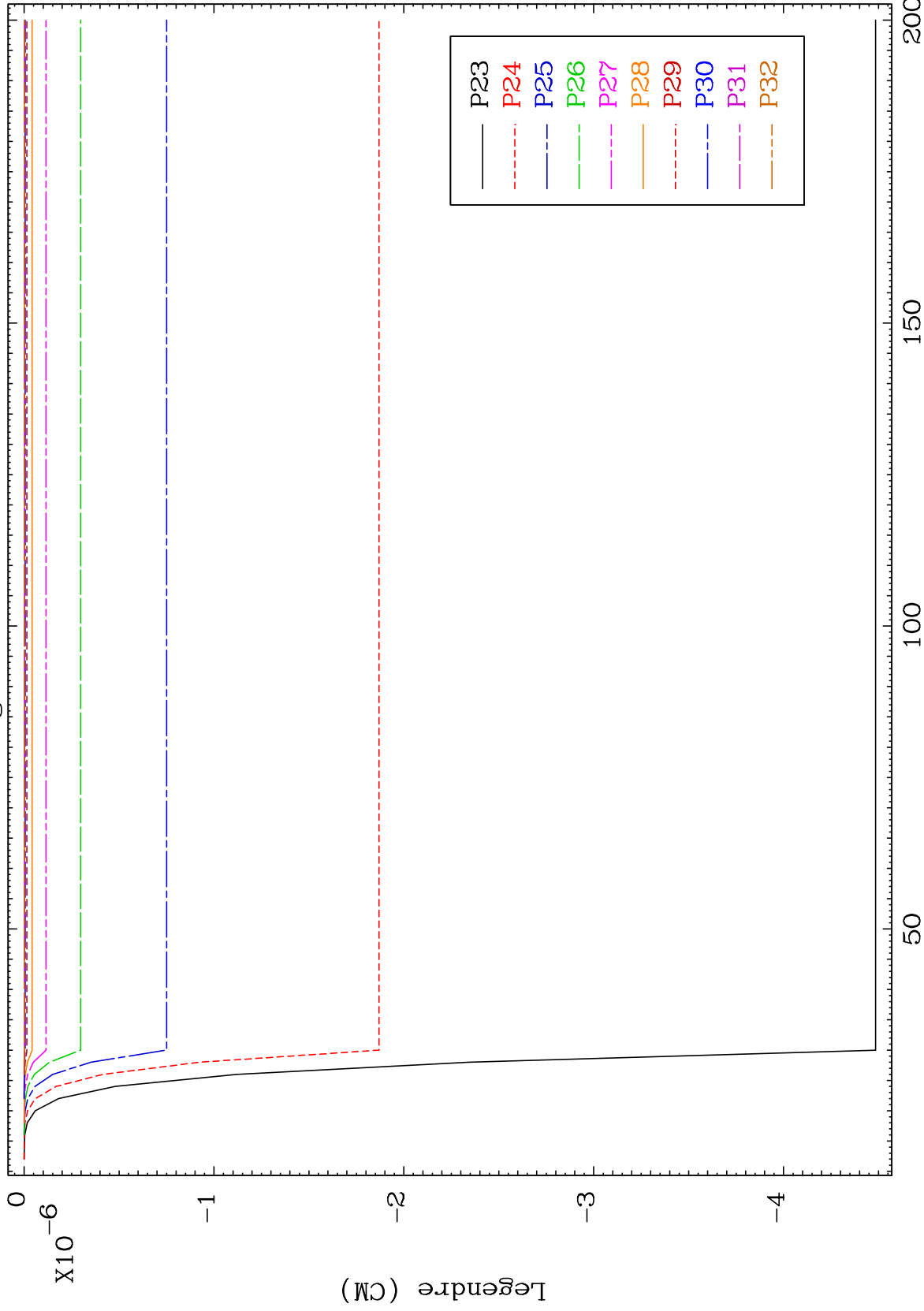
MAT 2940 MT= 59 (n,n') Level Legendre Coefficients 29-Cu-68



MAT 2940

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

29-Cu-68

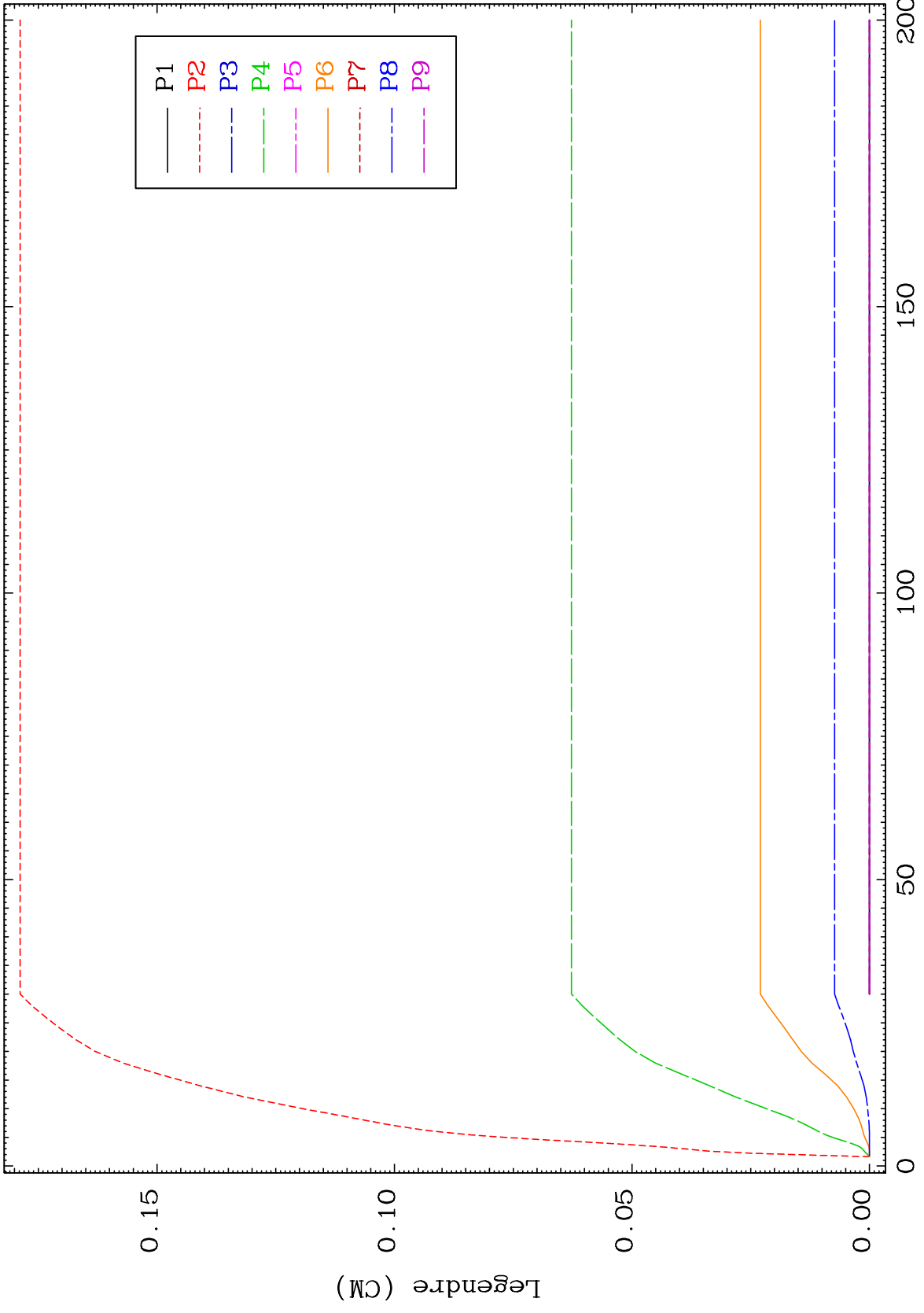


29-Cu-68

Incident Energy (MeV)

45

MAT 2940 MT= 60 (n,n') Level Legendre Coefficients 29-Cu-68

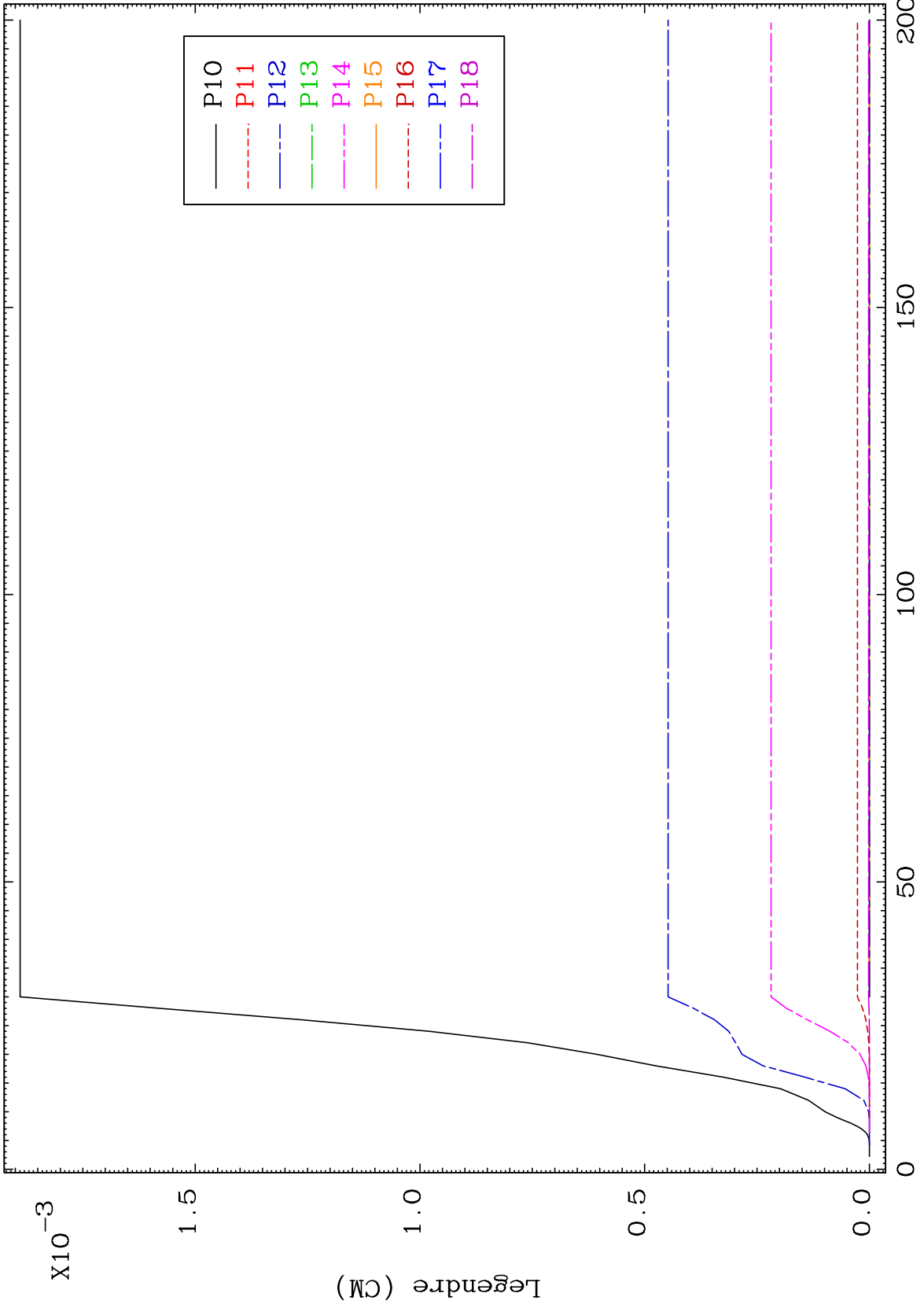


46 Incident Energy (MeV) 29-Cu-68

MAT 2940

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

29-Cu-68

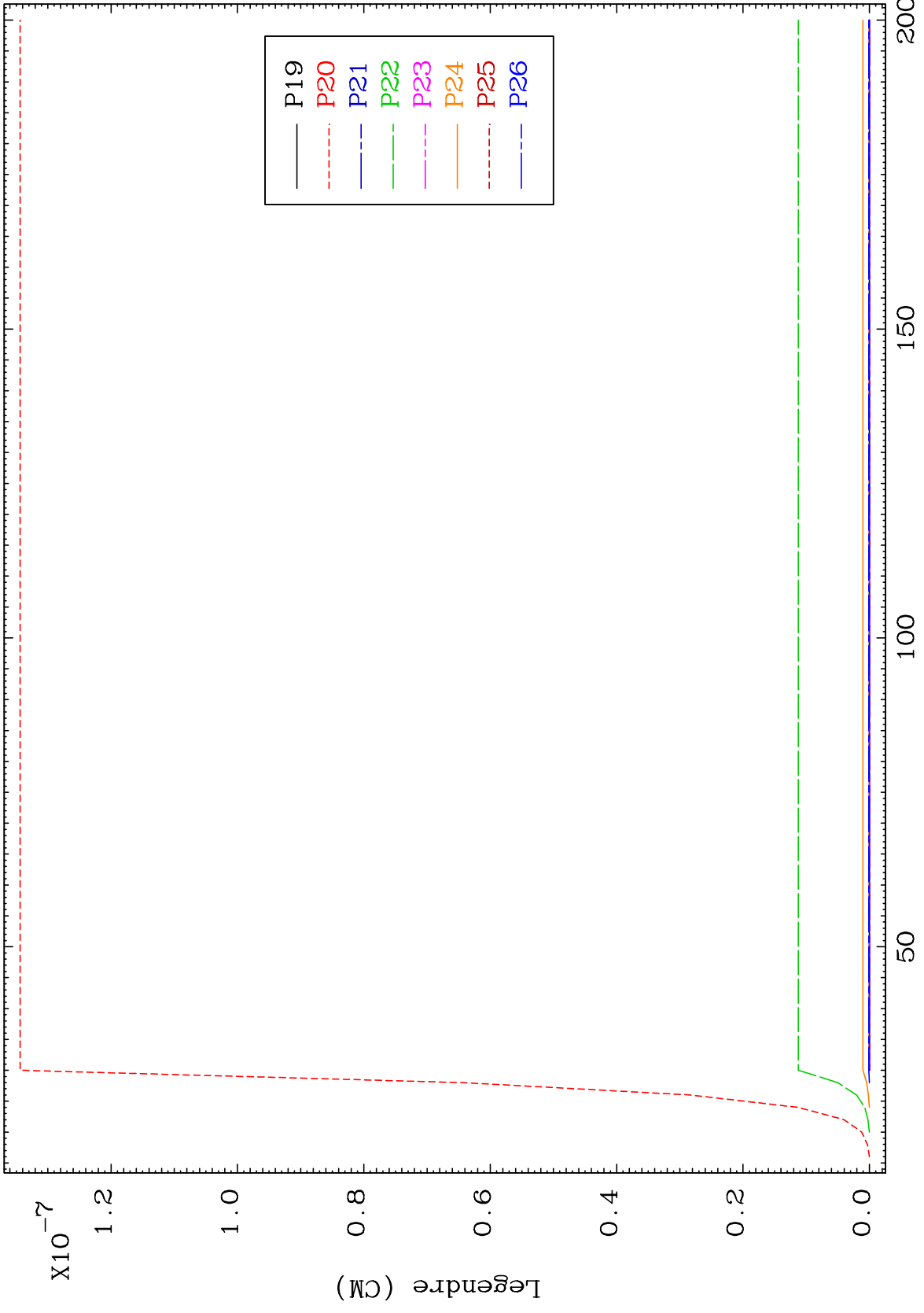


47

Incident Energy (MeV)

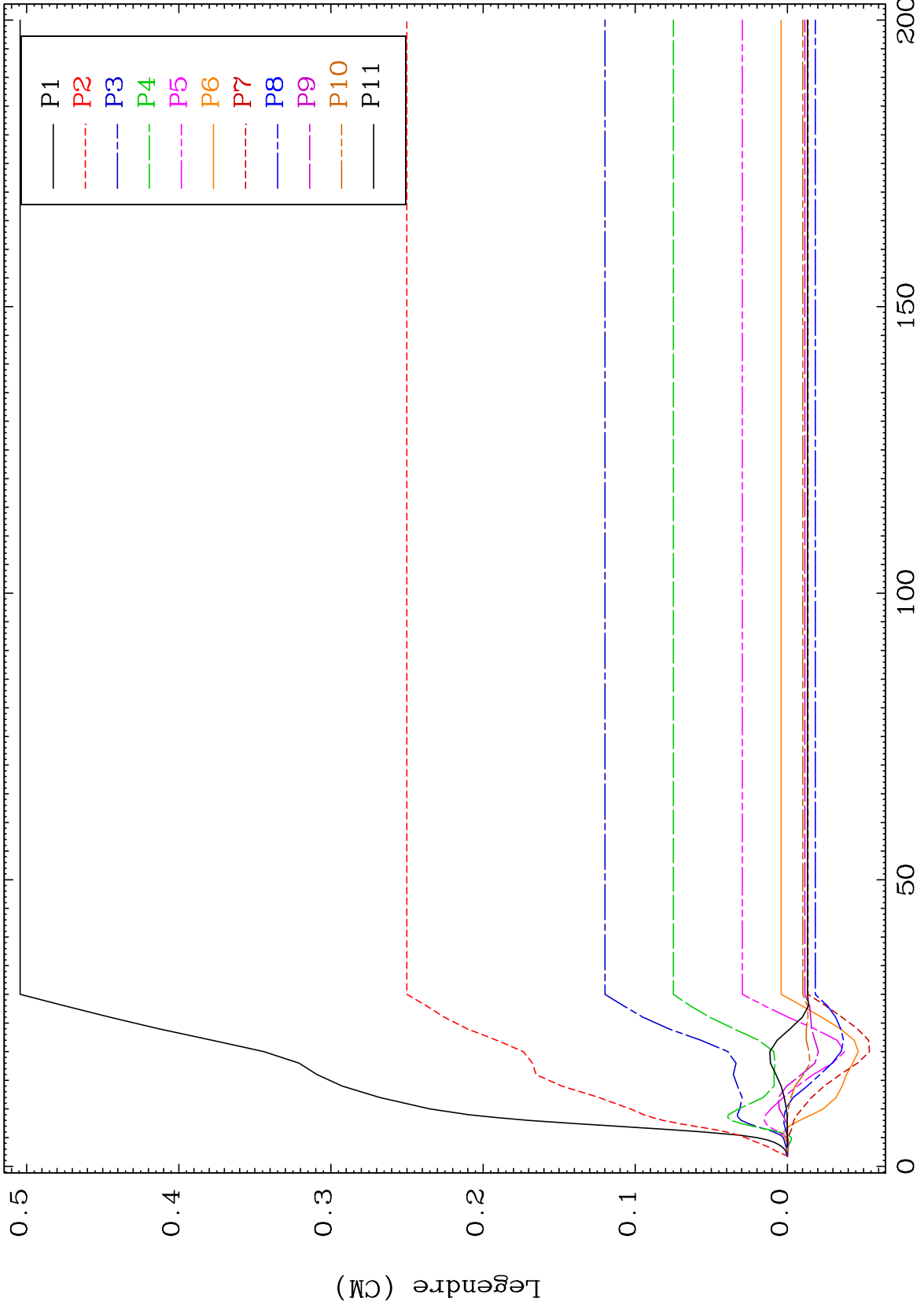
29-Cu-68

MAT 2940 MT= 60 (n,n') Level Legendre Coefficients 29-Cu-68



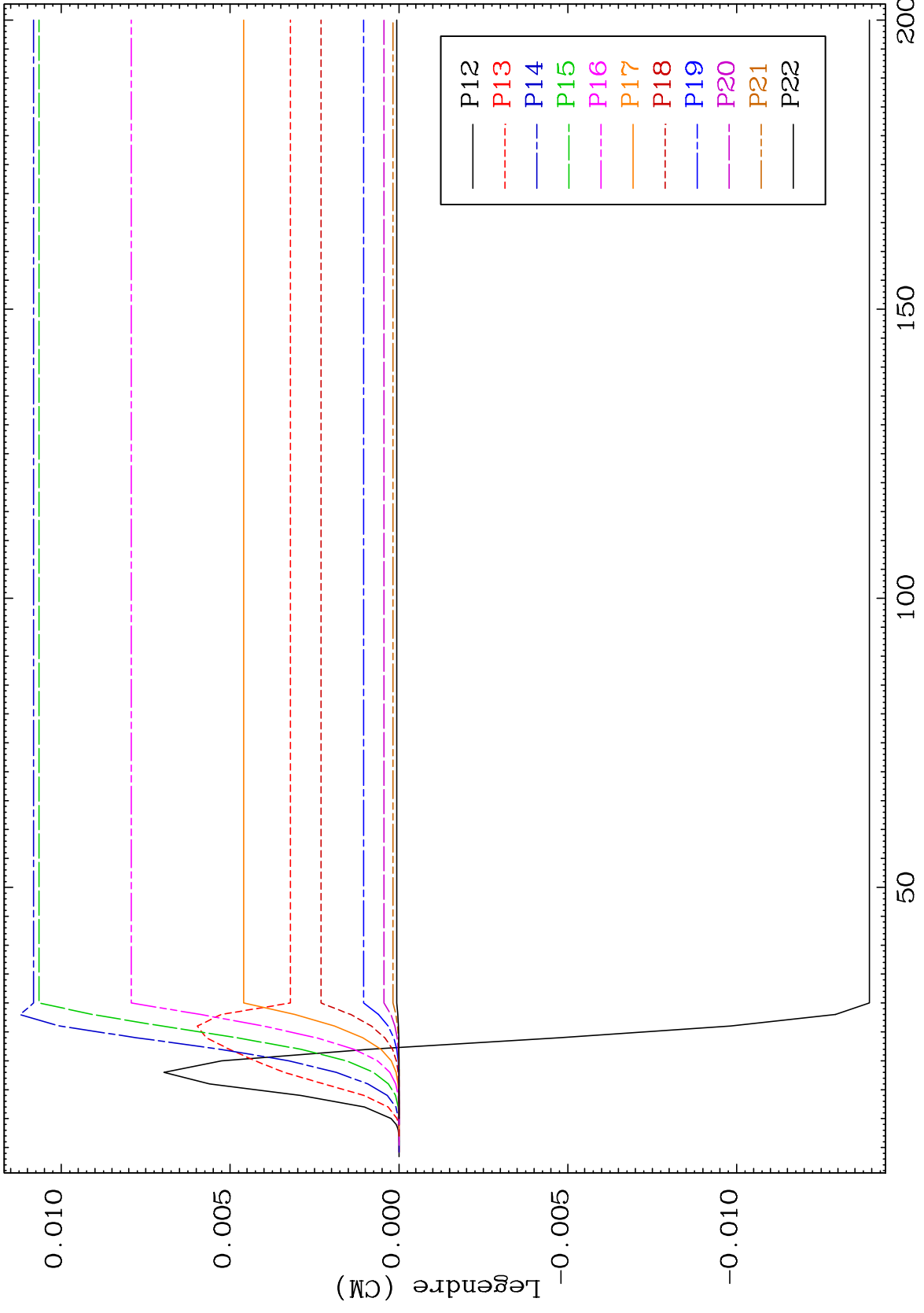
48 Incident Energy (MeV) 29-Cu-68

MAT 2940 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-68



49 29-Cu-68

MAT 2940 MT= 61 (n,n') Level Legendre Coefficients 29-Cu-68

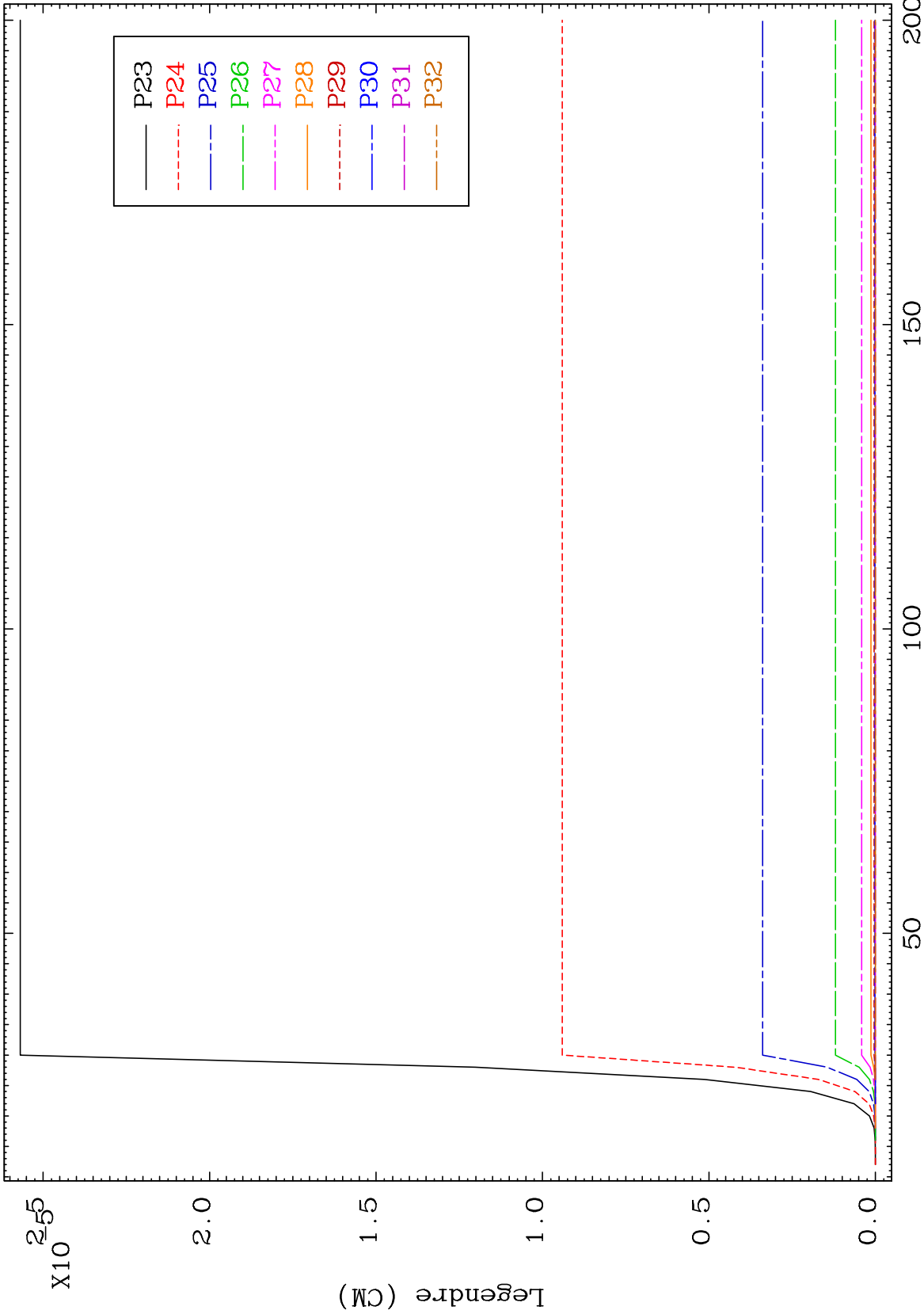


50 Incident Energy (MeV) 200 29-Cu-68

MAT 2940

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

29-Cu-68

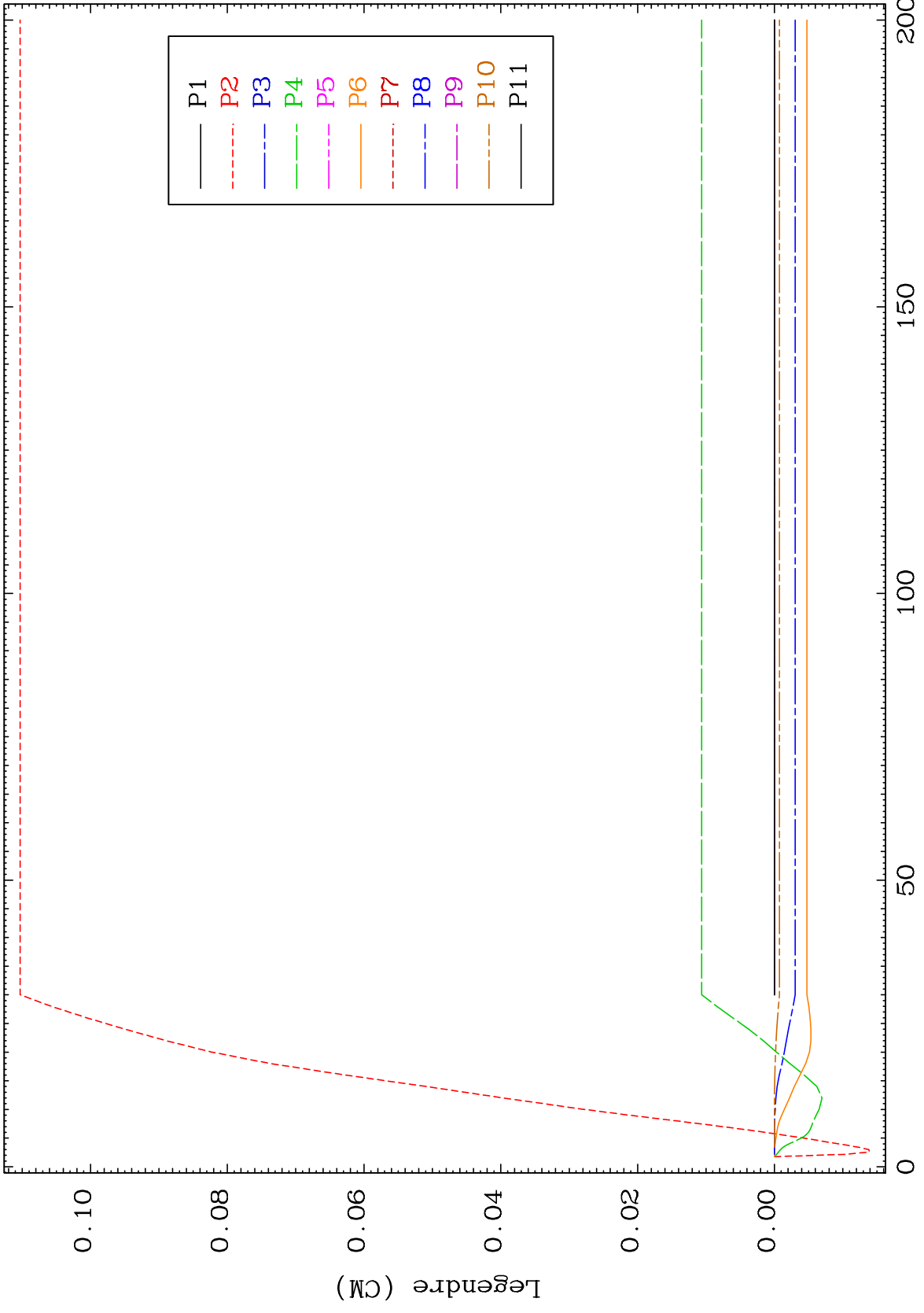


51

Incident Energy (MeV)

29-Cu-68

MAT 2940 MT= 62 (n,n') Level Legendre Coefficients 29-Cu-68

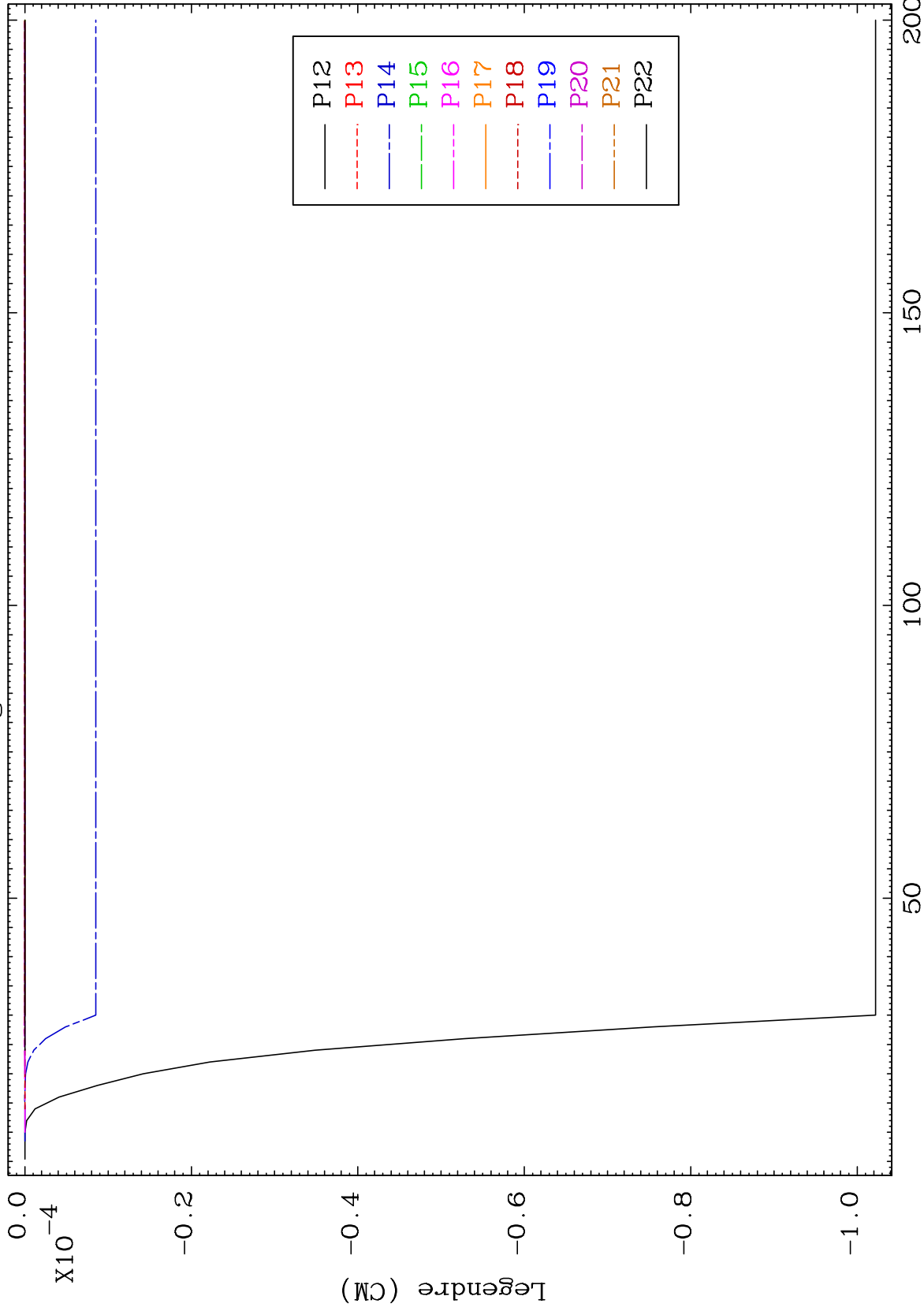


52 29-Cu-68

MAT 2940

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

29-Cu-68

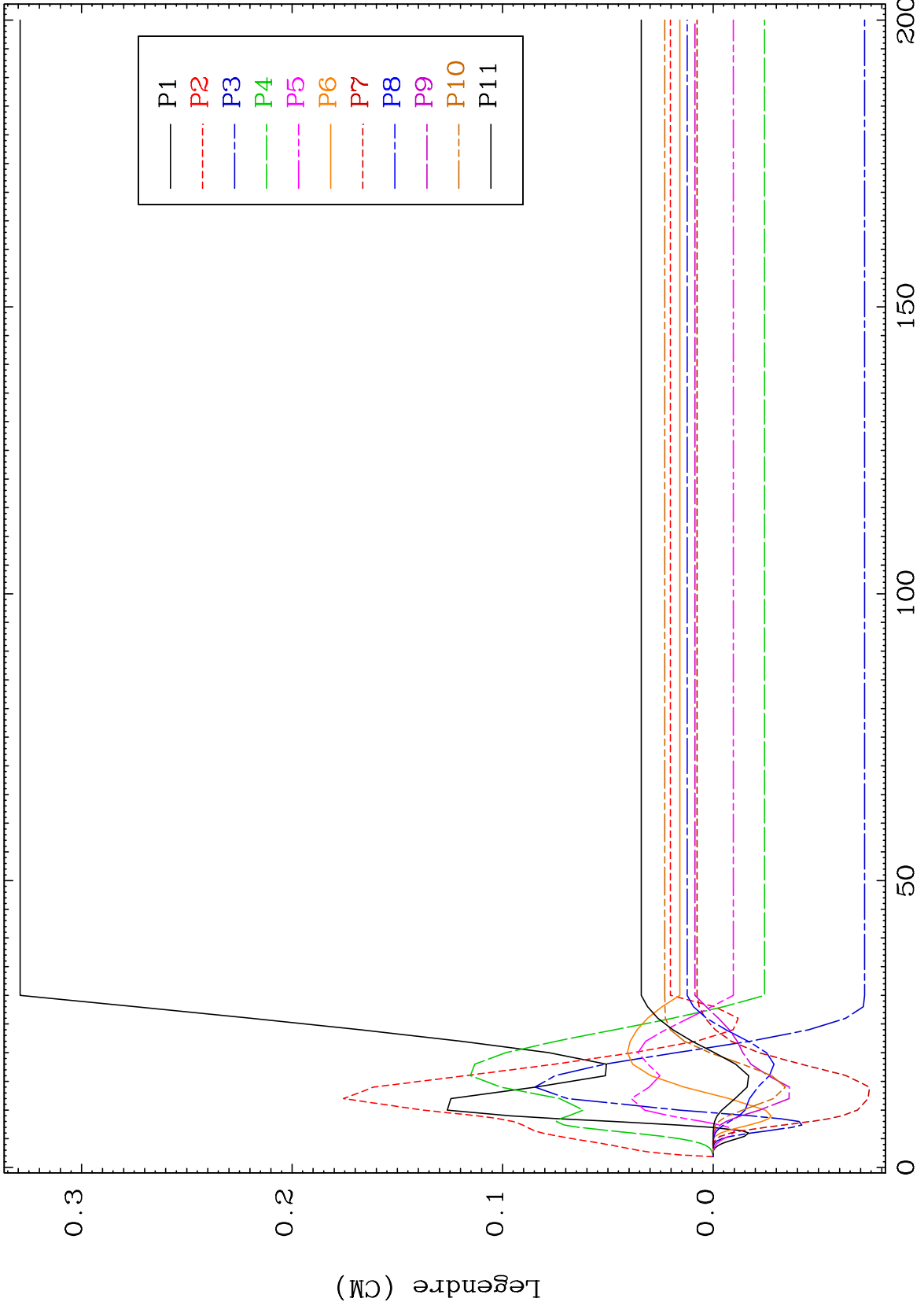


53

Incident Energy (MeV)

29-Cu-68

MAT 2940 MT= 63 (n,n') Level Legendre Coefficients 29-Cu-68

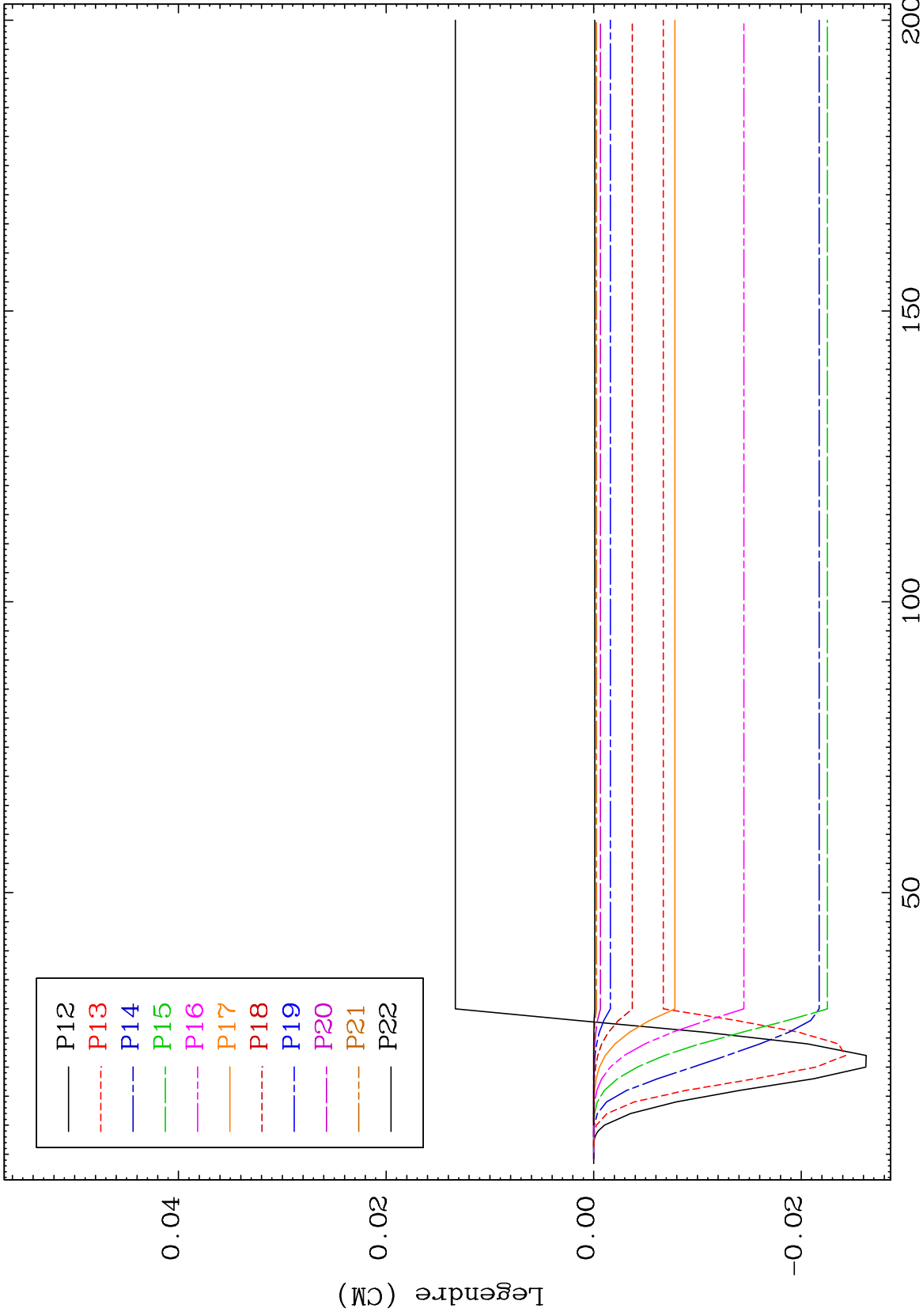


54 29-Cu-68

MAT 2940

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

29-Cu-68



55

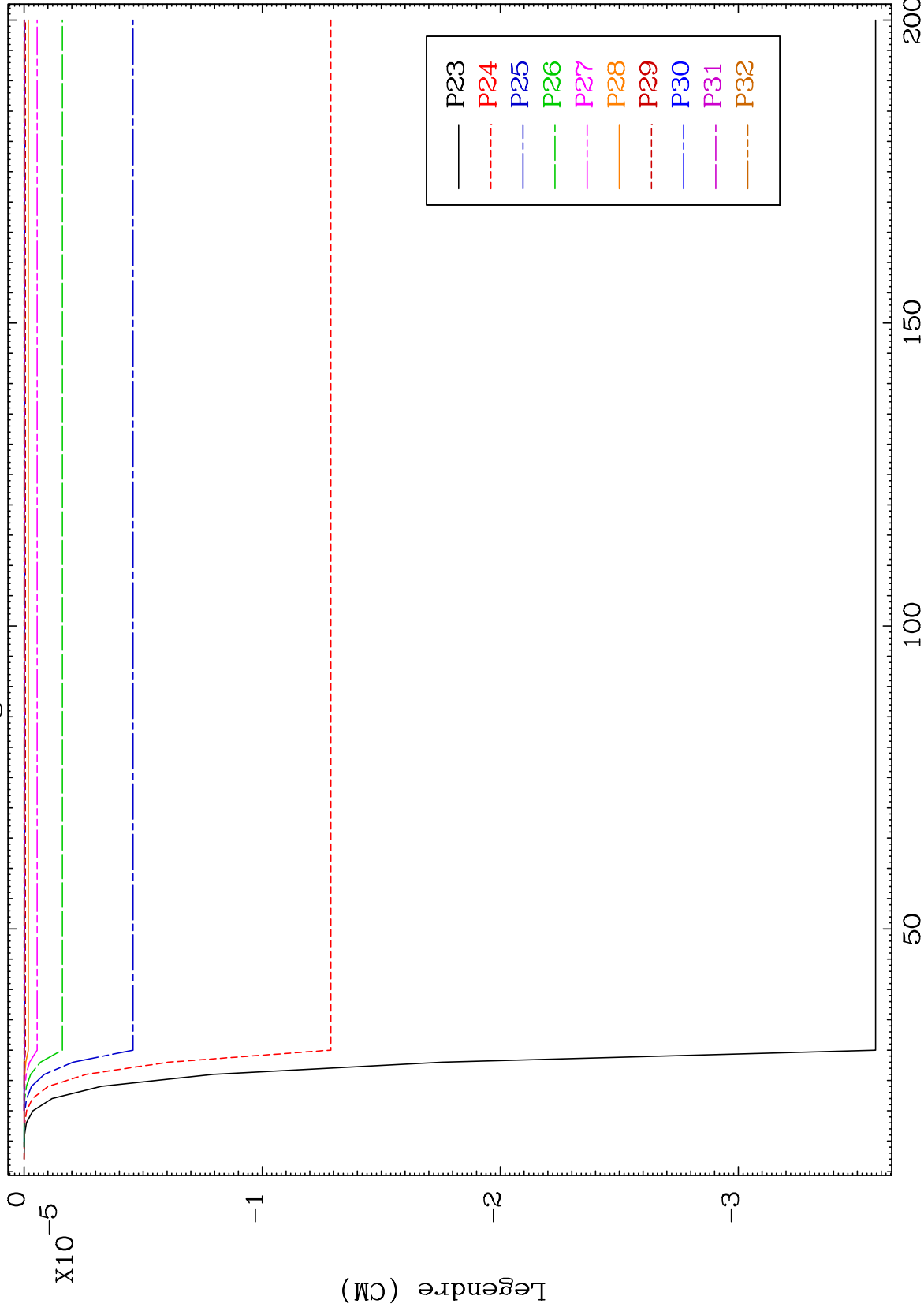
Incident Energy (MeV)

29-Cu-68

MAT 2940

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

29-Cu-68

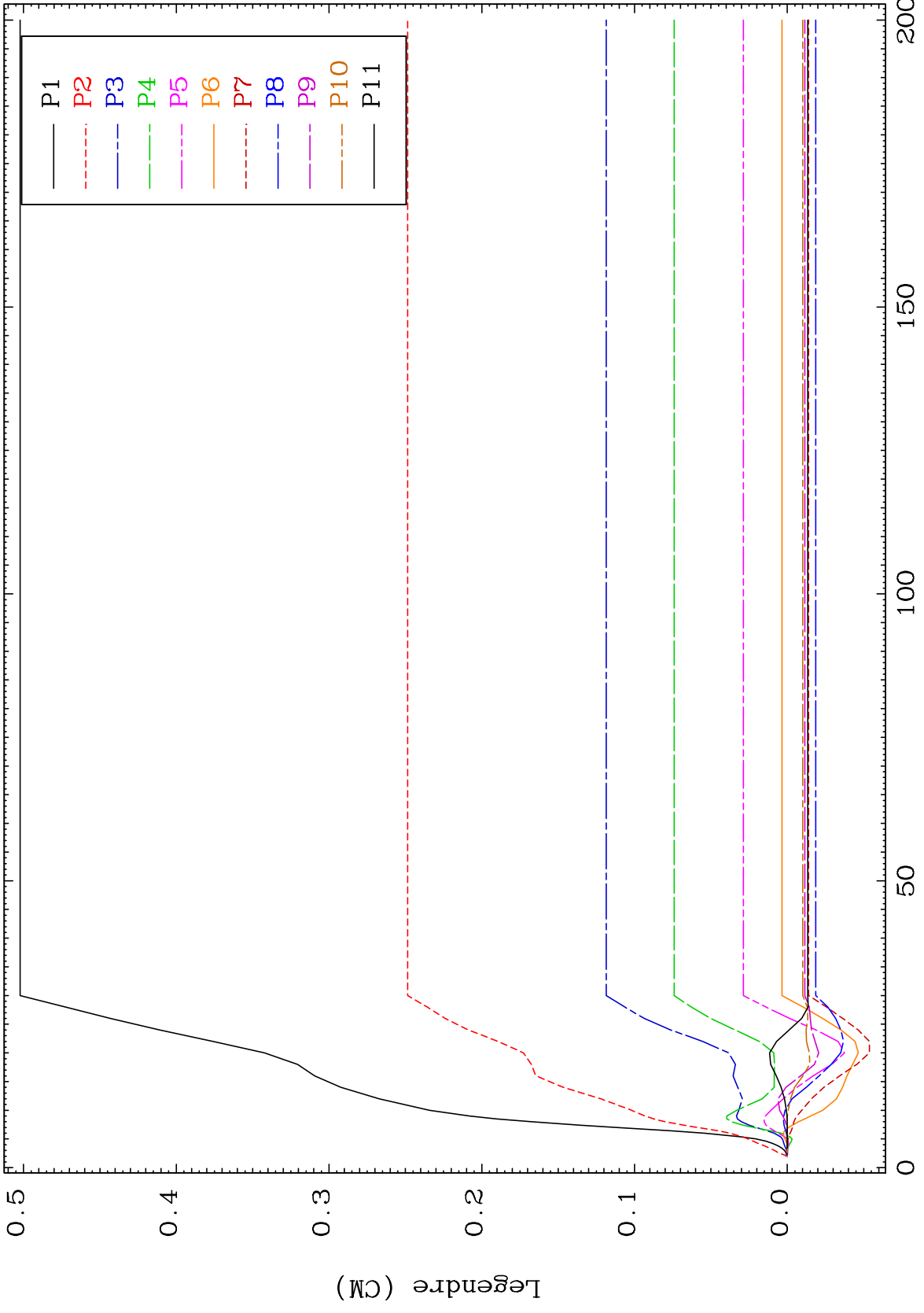


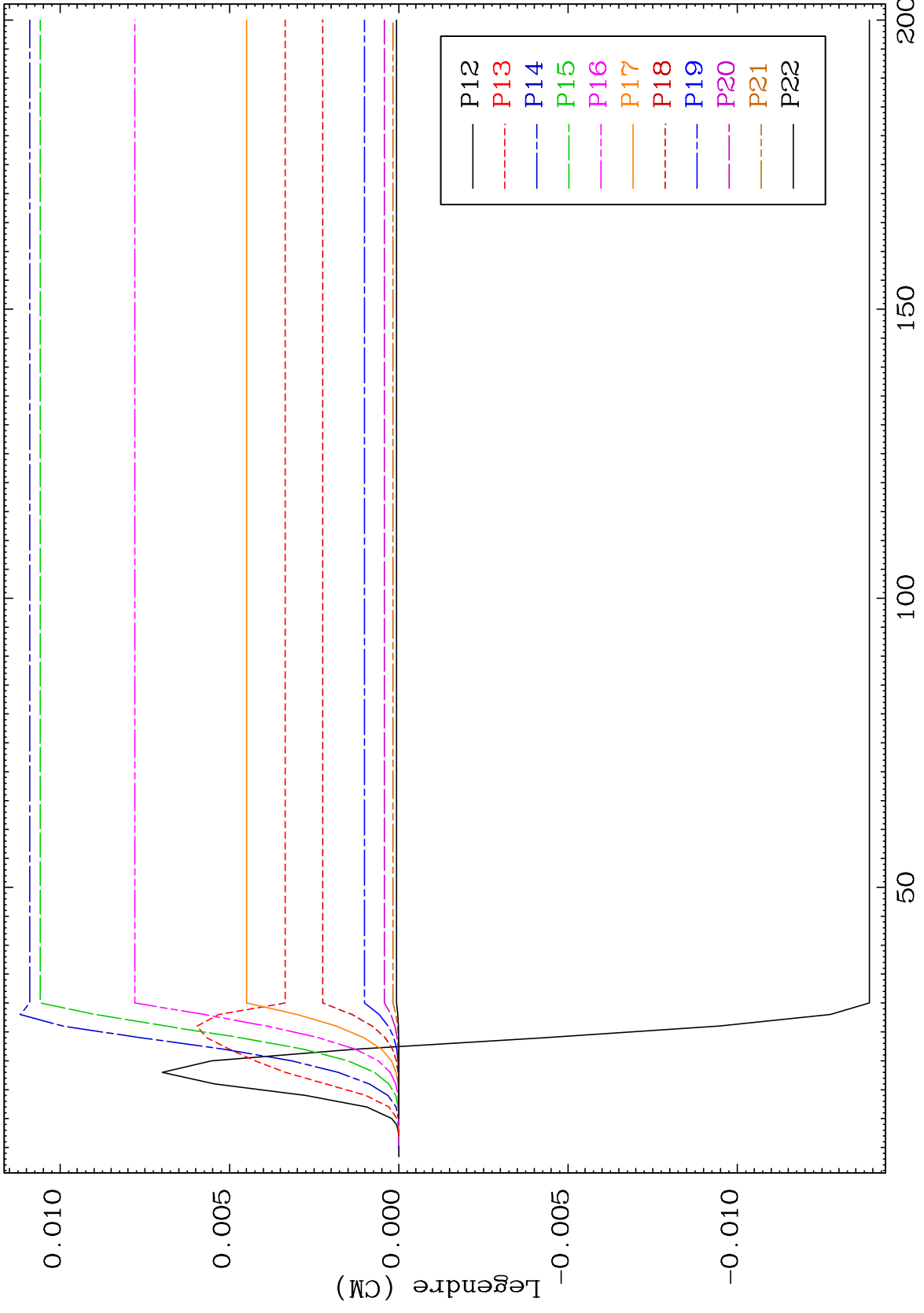
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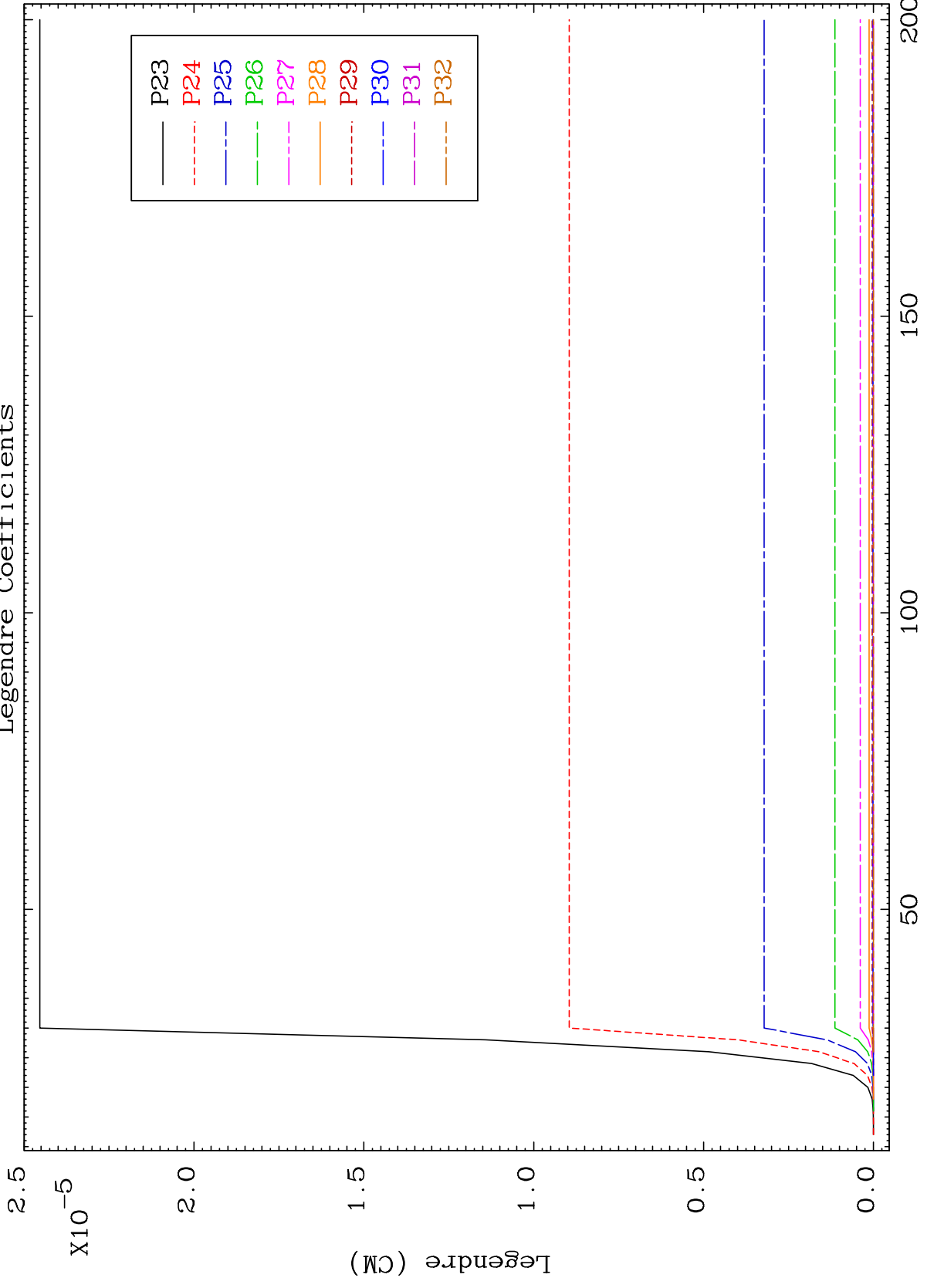
Incident Energy (MeV)

29-Cu-68

MAT 2940 MT= 64 (n,n') Level Legendre Coefficients 29-Cu-68



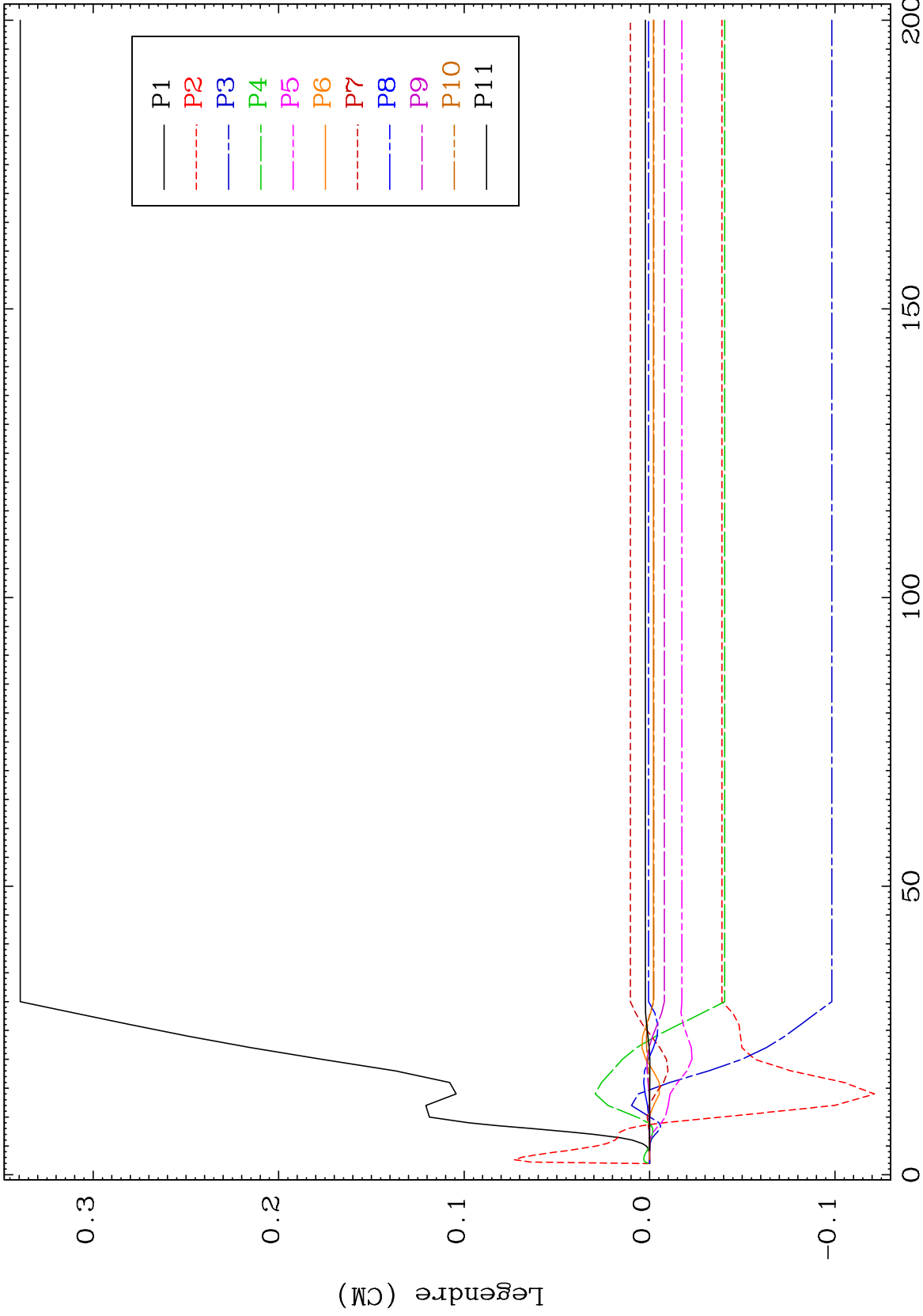




MAT 2940

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

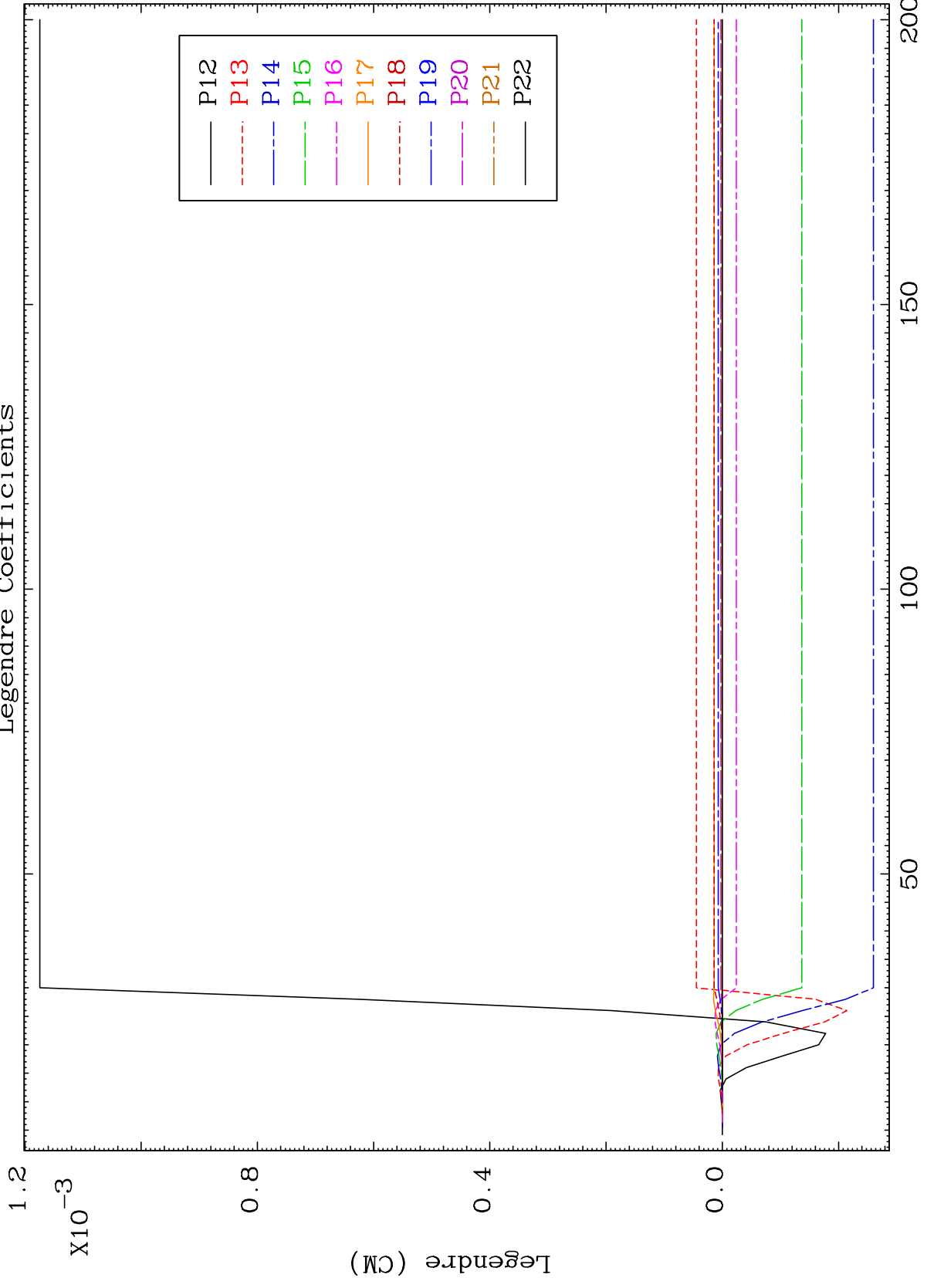
29-Cu-68



29-Cu-68

Incident Energy (MeV)

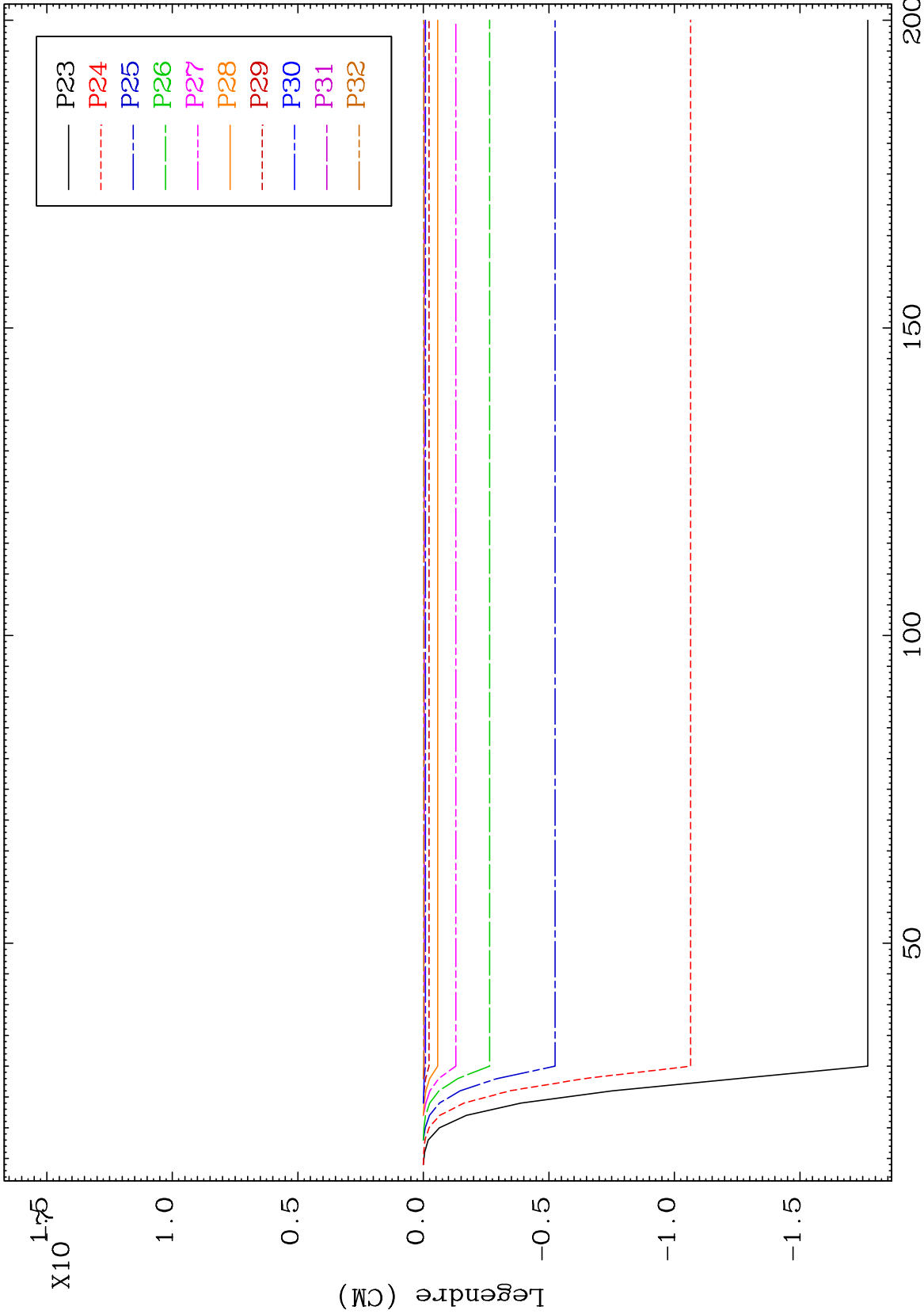
60



MAT 2940

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

29-Cu-68

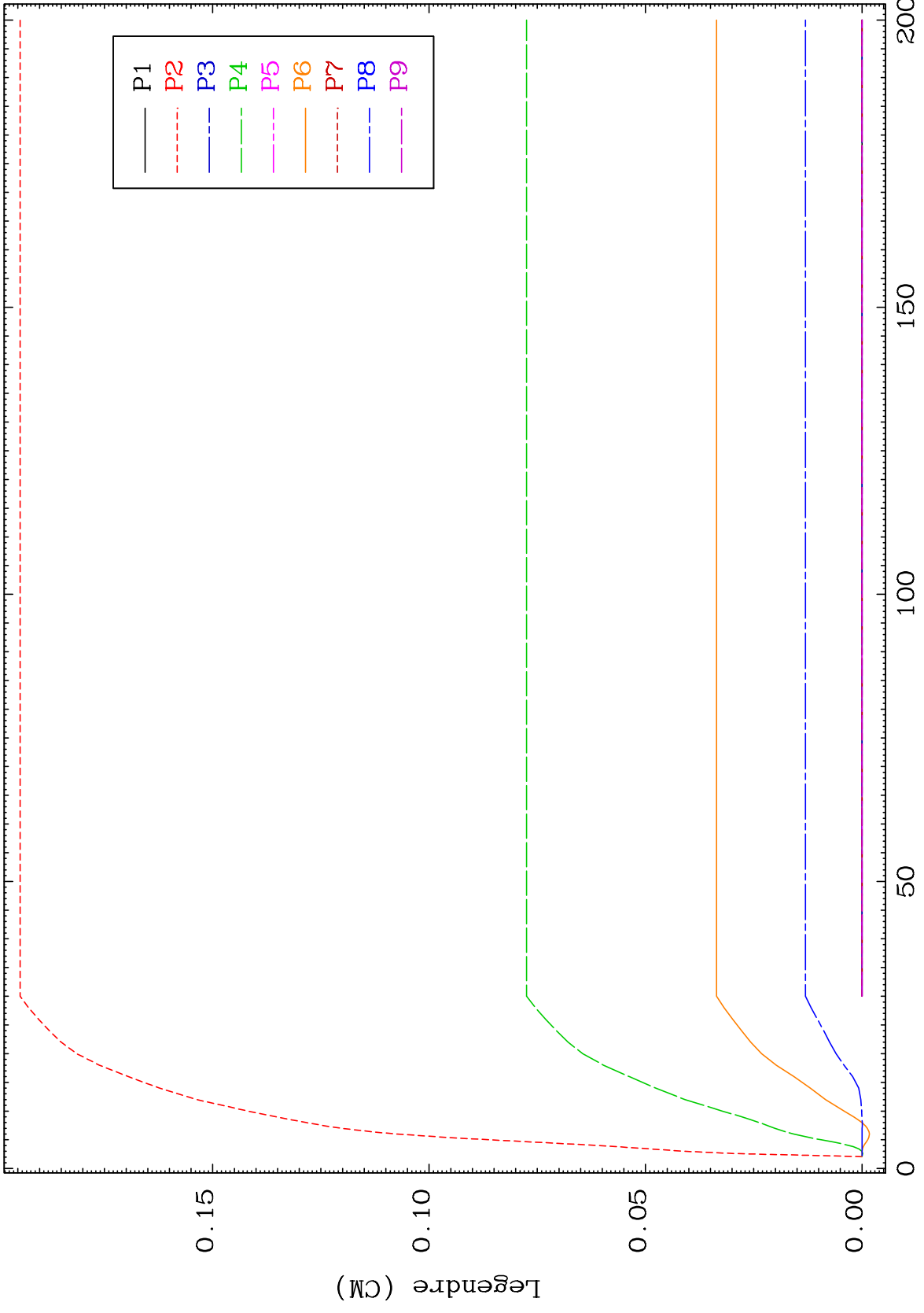


62

Incident Energy (MeV)

29-Cu-68

MAT 2940 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-68

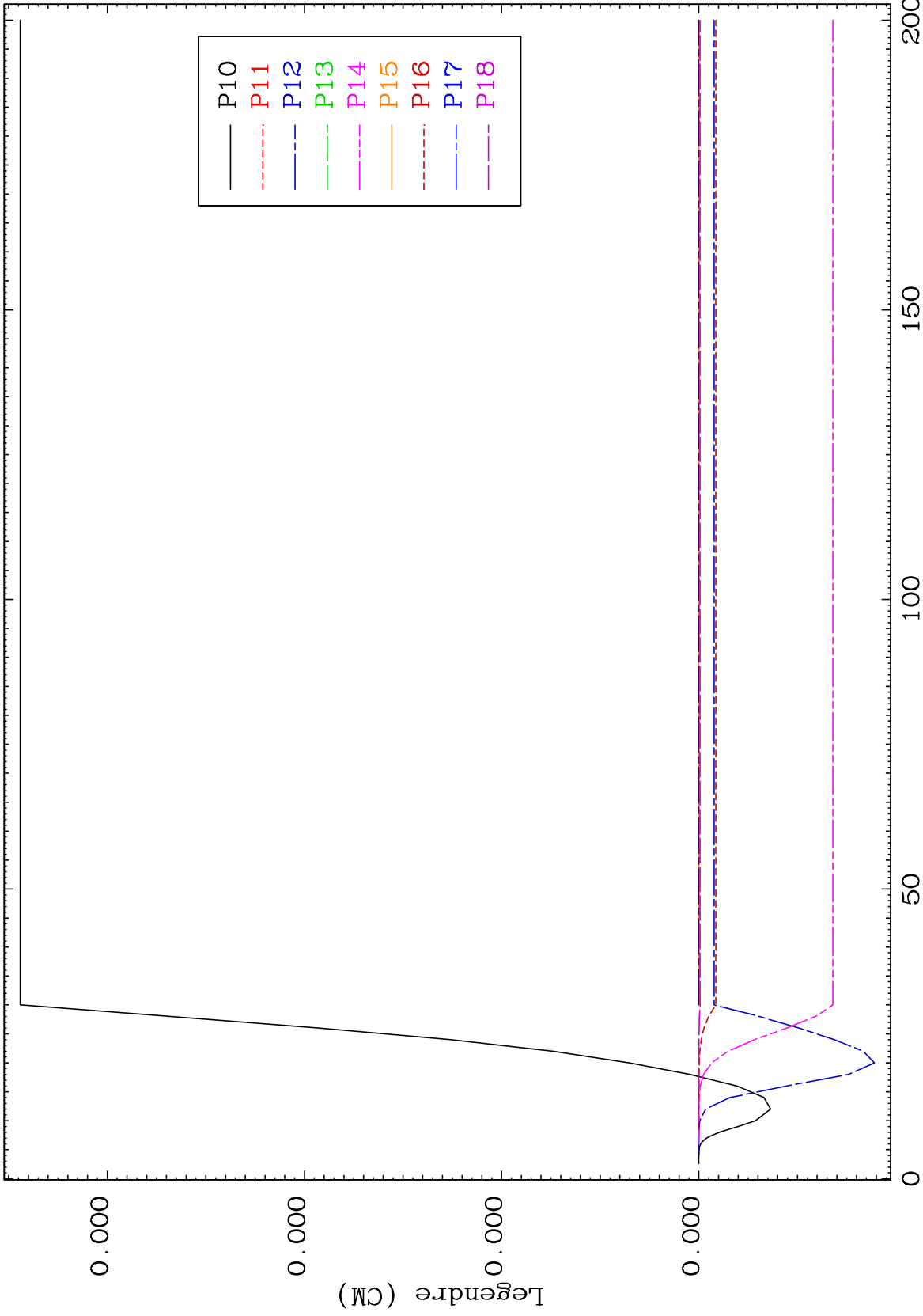


63 Incident Energy (MeV) 29-Cu-68

MAT 2940

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

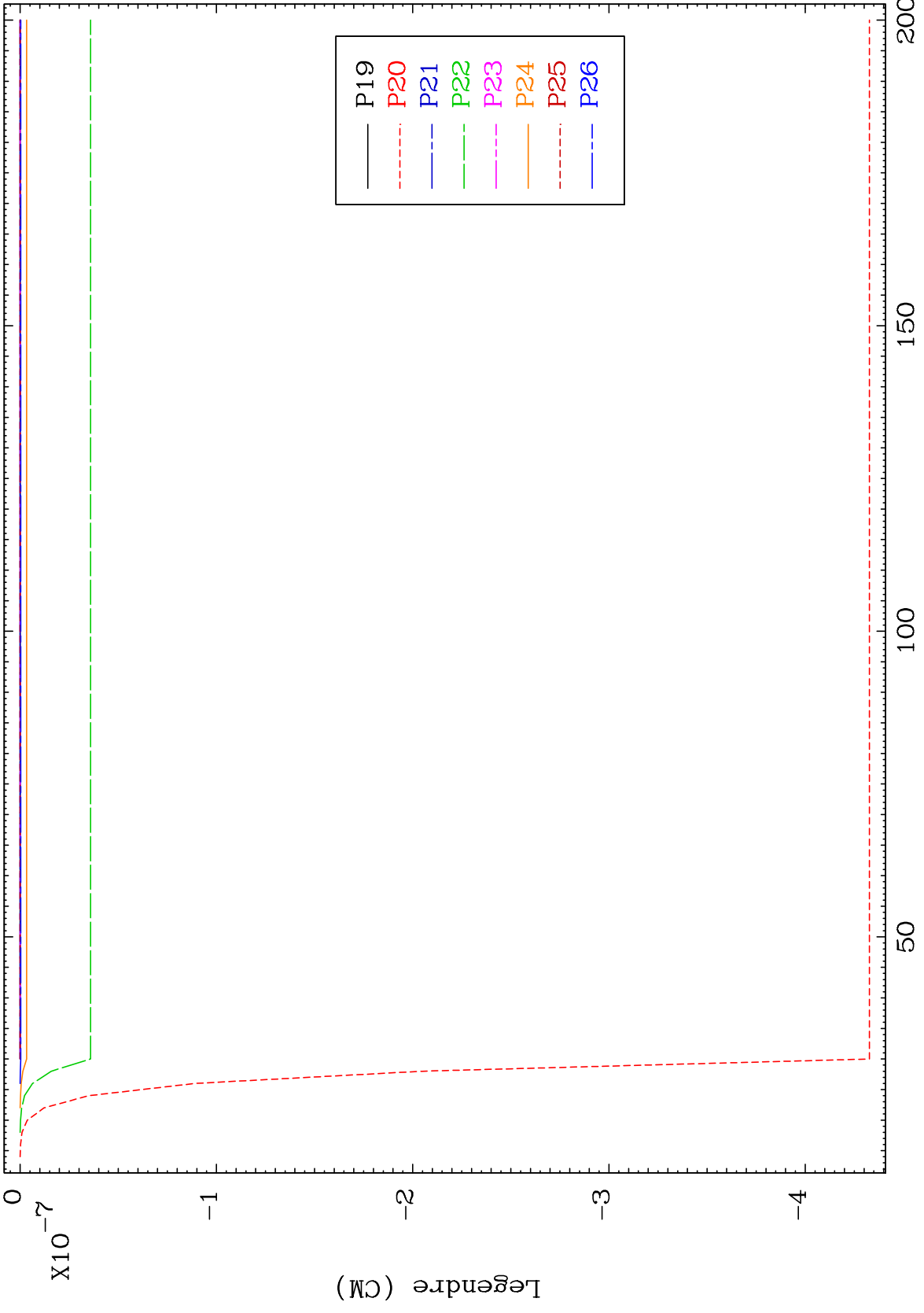
29-Cu-68



64

29-Cu-68

MAT 2940 MT= 66 (n,n') Level Legendre Coefficients 29-Cu-68

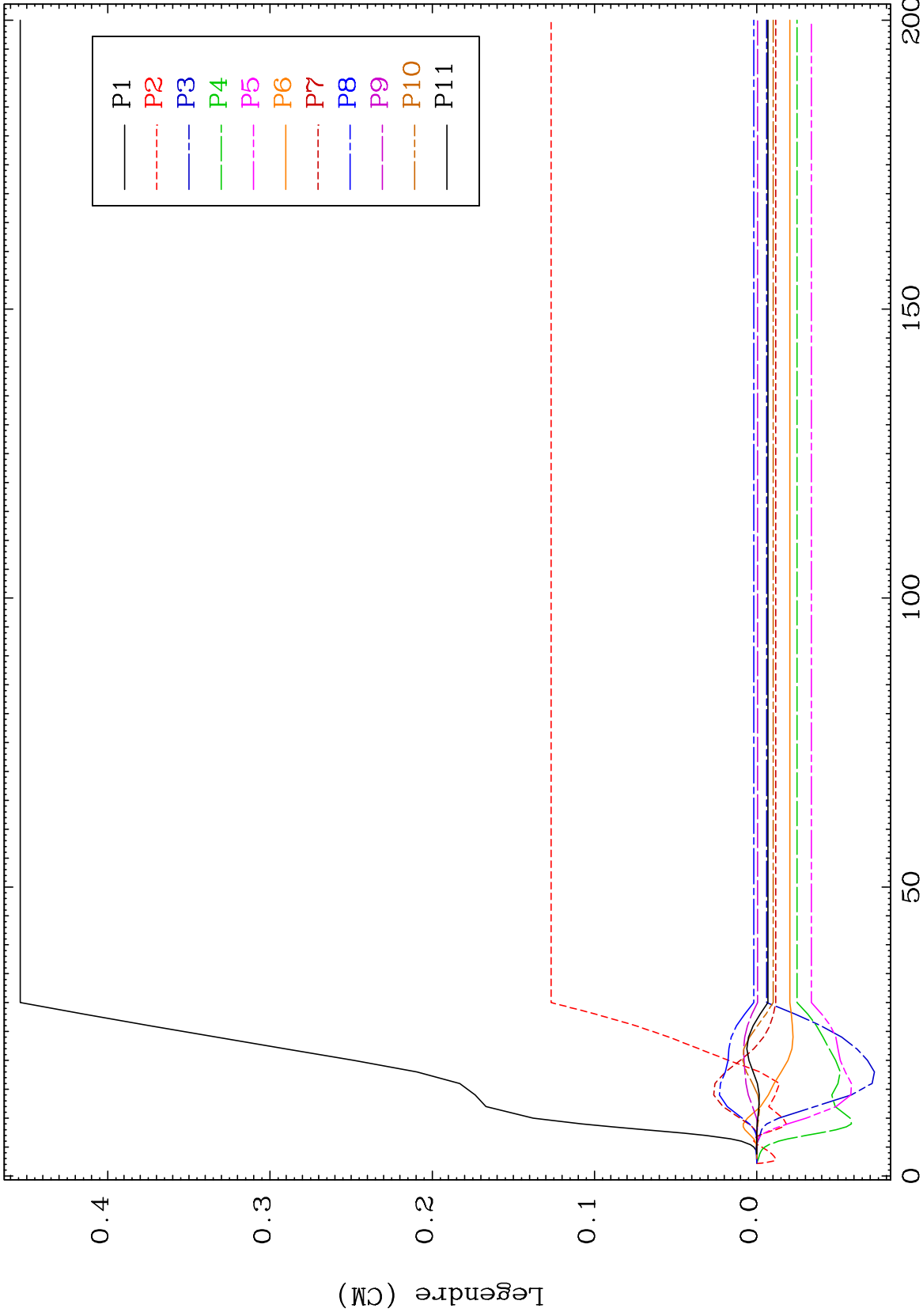


65 Incident Energy (MeV) 29-Cu-68

MAT 2940

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

29-Cu-68



66

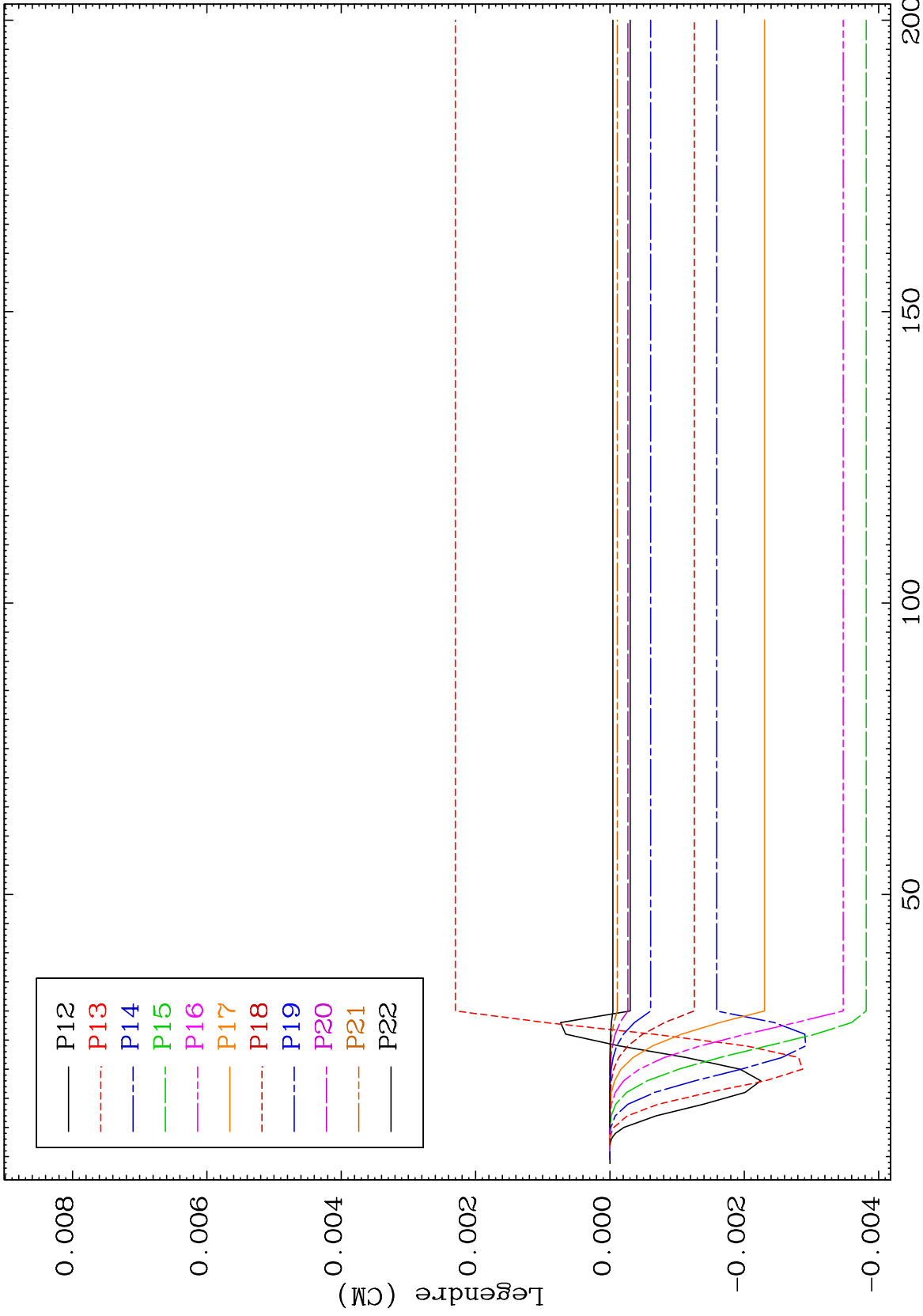
Incident Energy (MeV)

29-Cu-68

MAT 2940

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

29-Cu-68



67

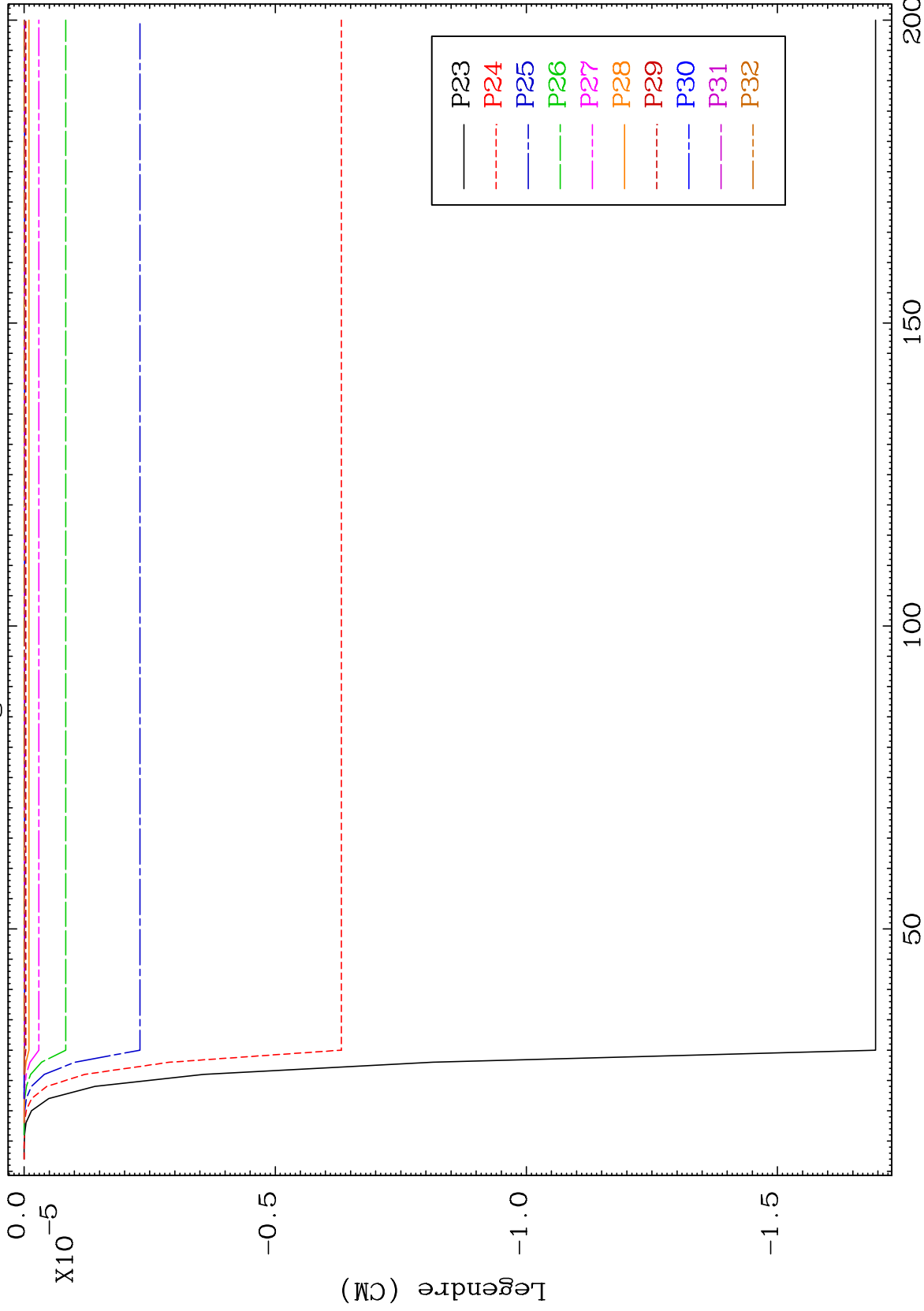
Incident Energy (MeV)

29-Cu-68

MAT 2940

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

29-Cu-68

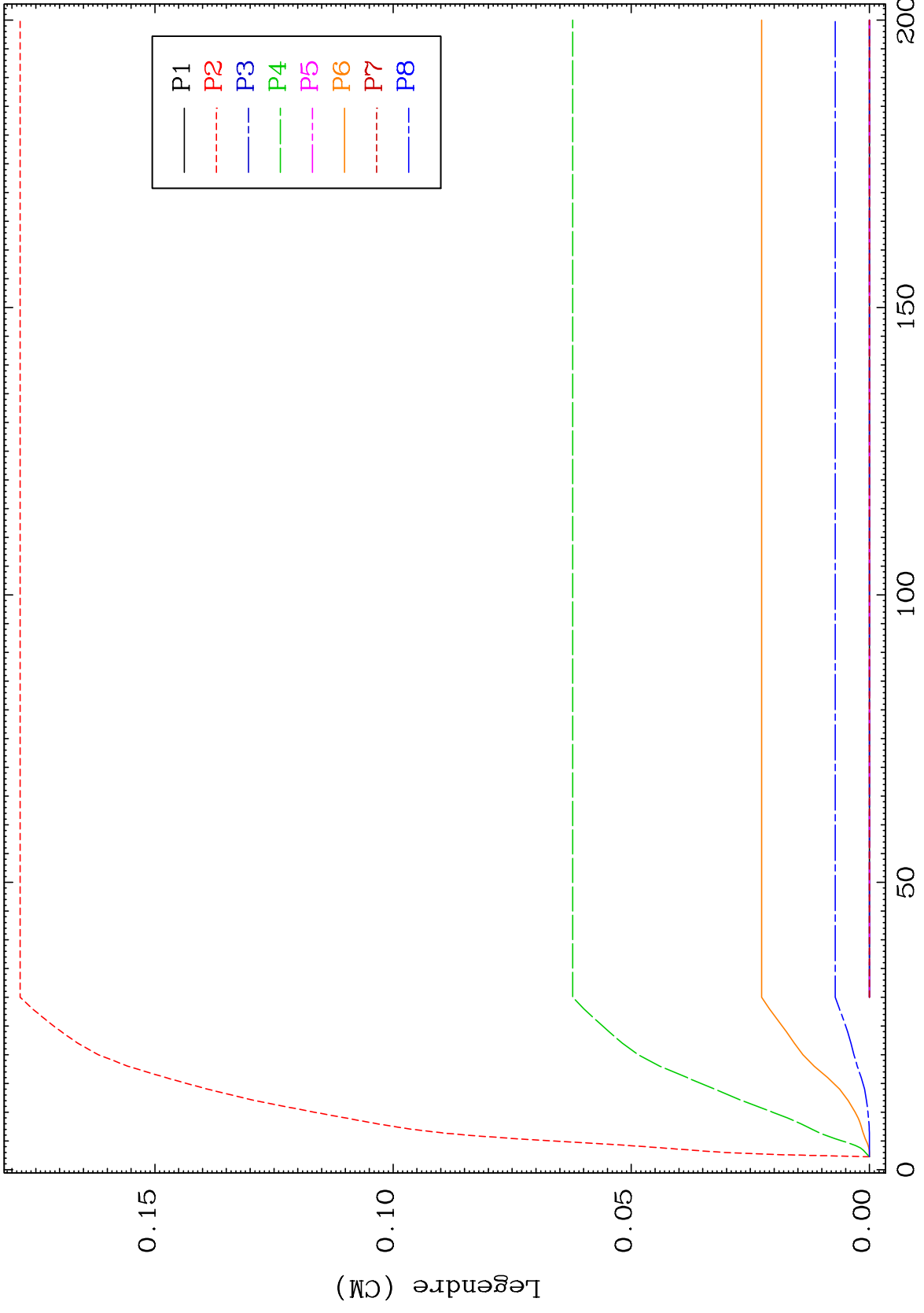


68

Incident Energy (MeV)

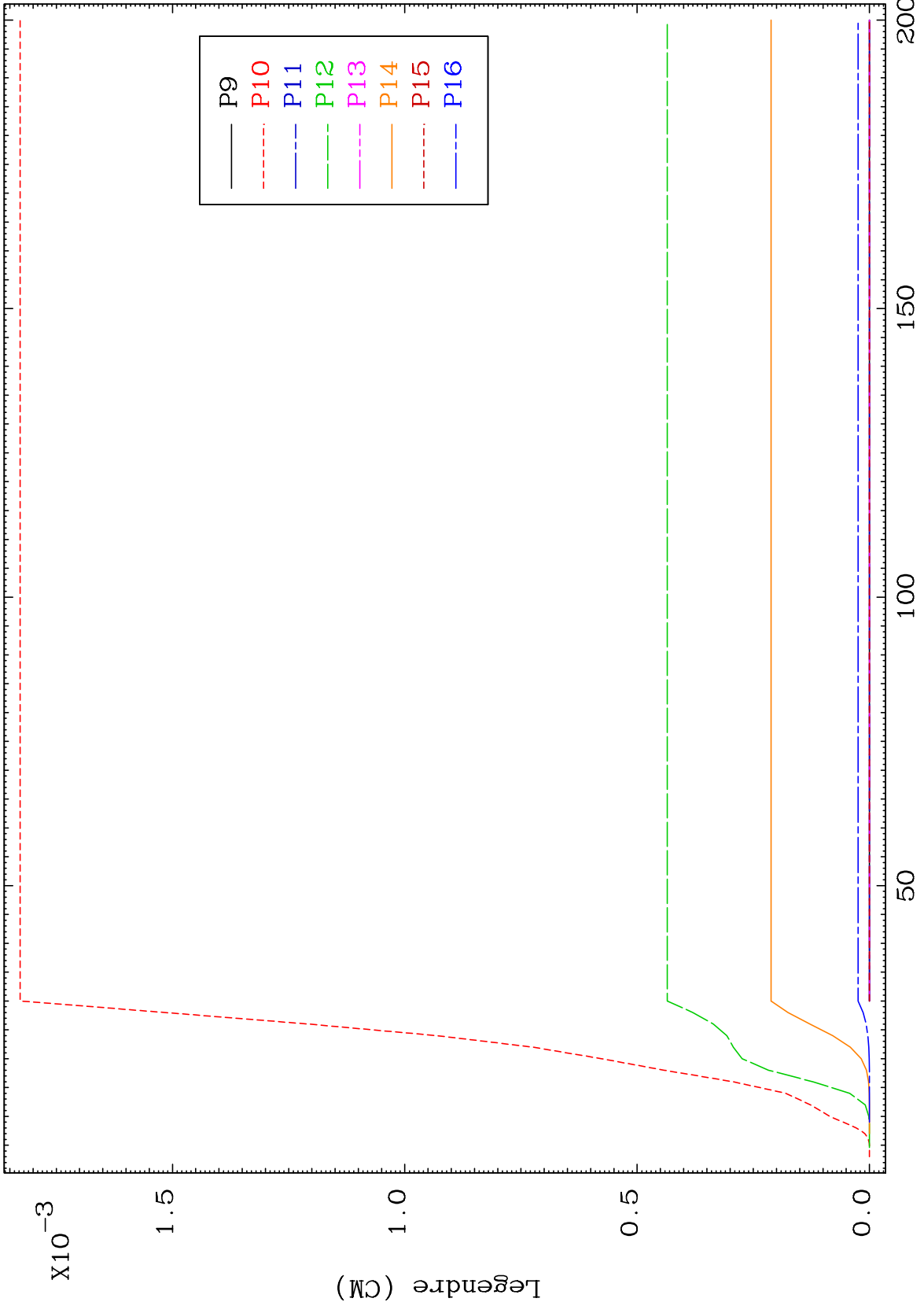
29-Cu-68

MAT 2940 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-68



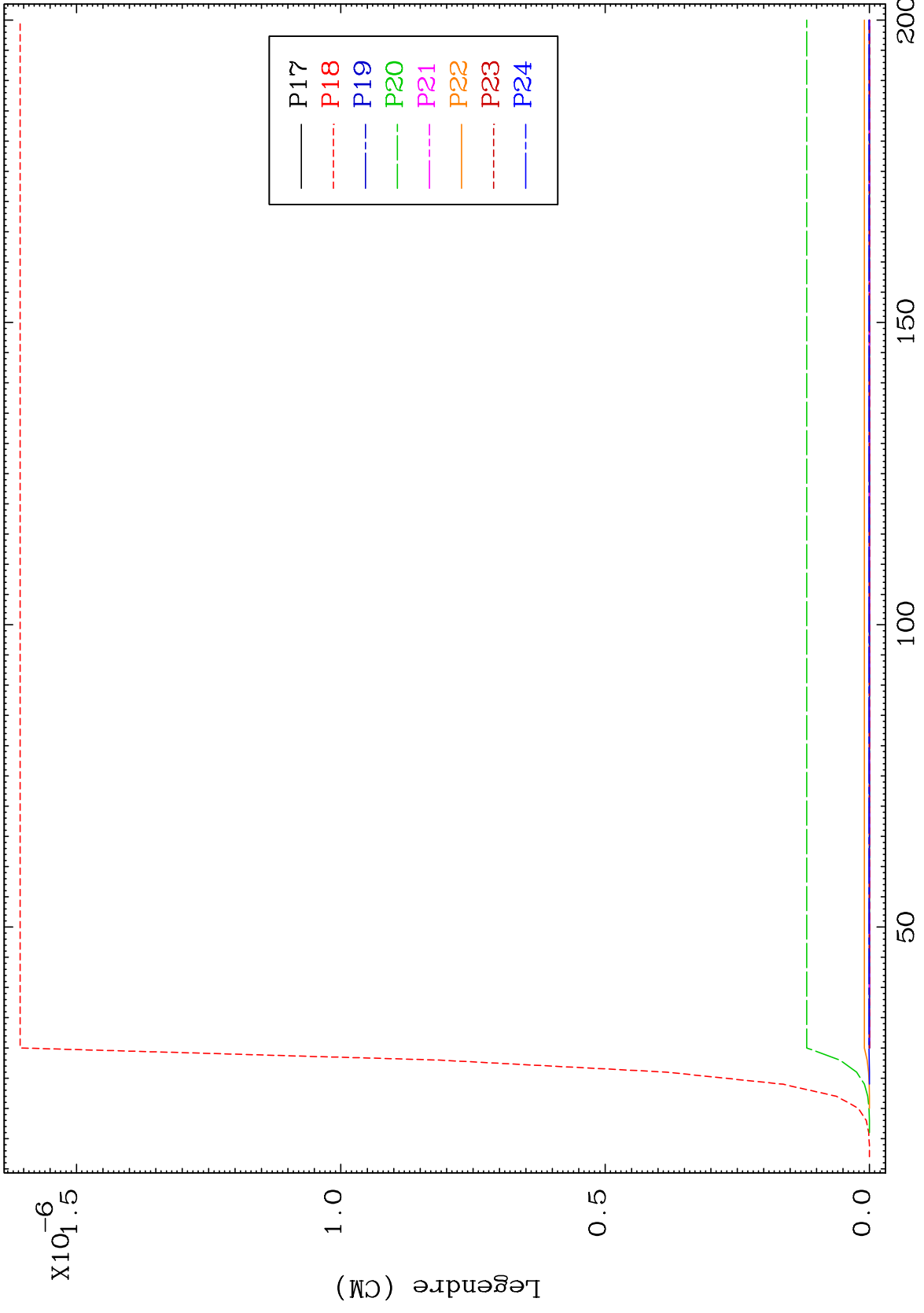
69 29-Cu-68

MAT 2940 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-68



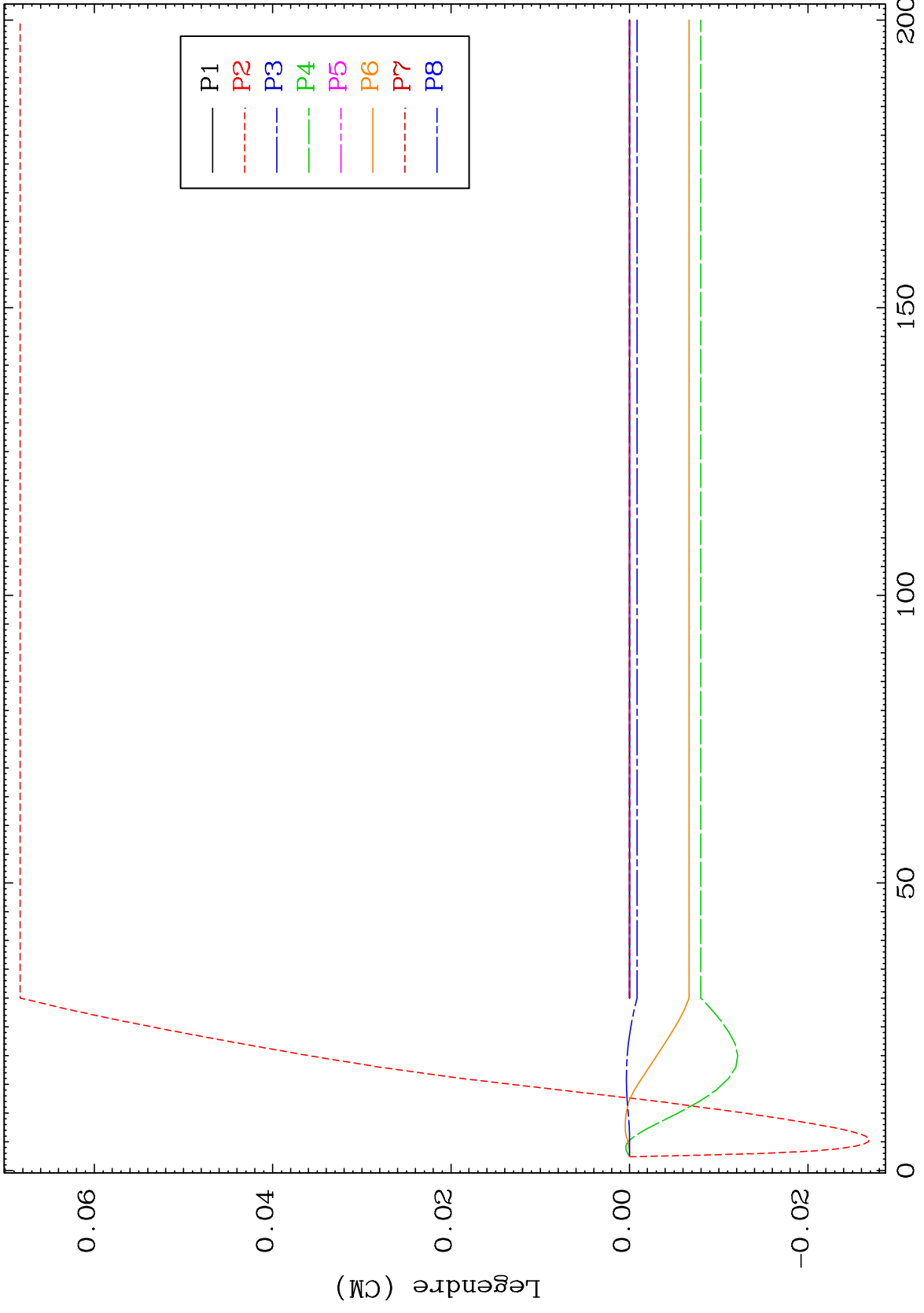
70 Incident Energy (MeV) 200 29-Cu-68

MAT 2940 MT= 68 (n,n') Level Legendre Coefficients 29-Cu-68



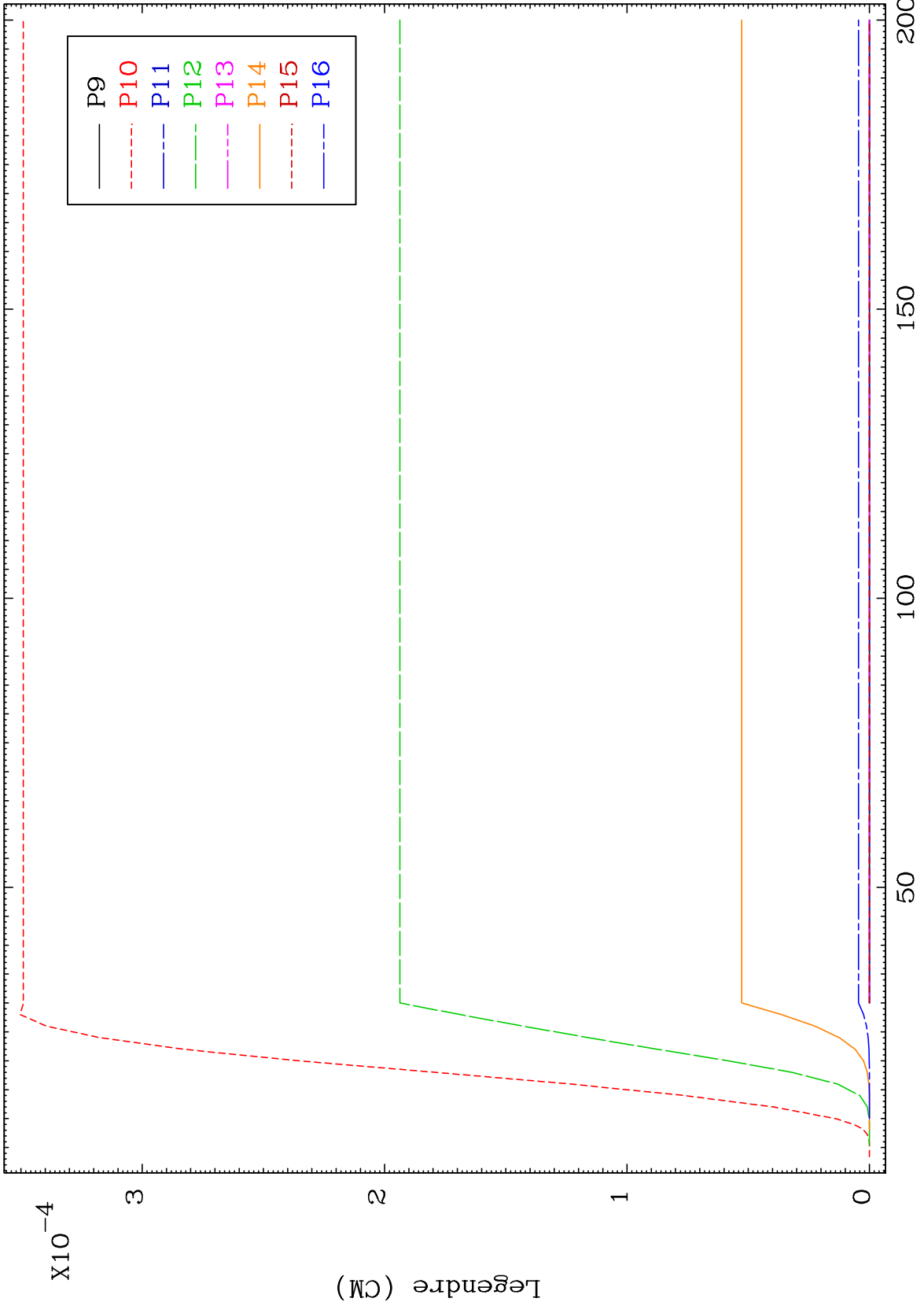
71 29-Cu-68

MAT 2940 MT= 69 (n,n') Level Legendre Coefficients 29-Cu-68



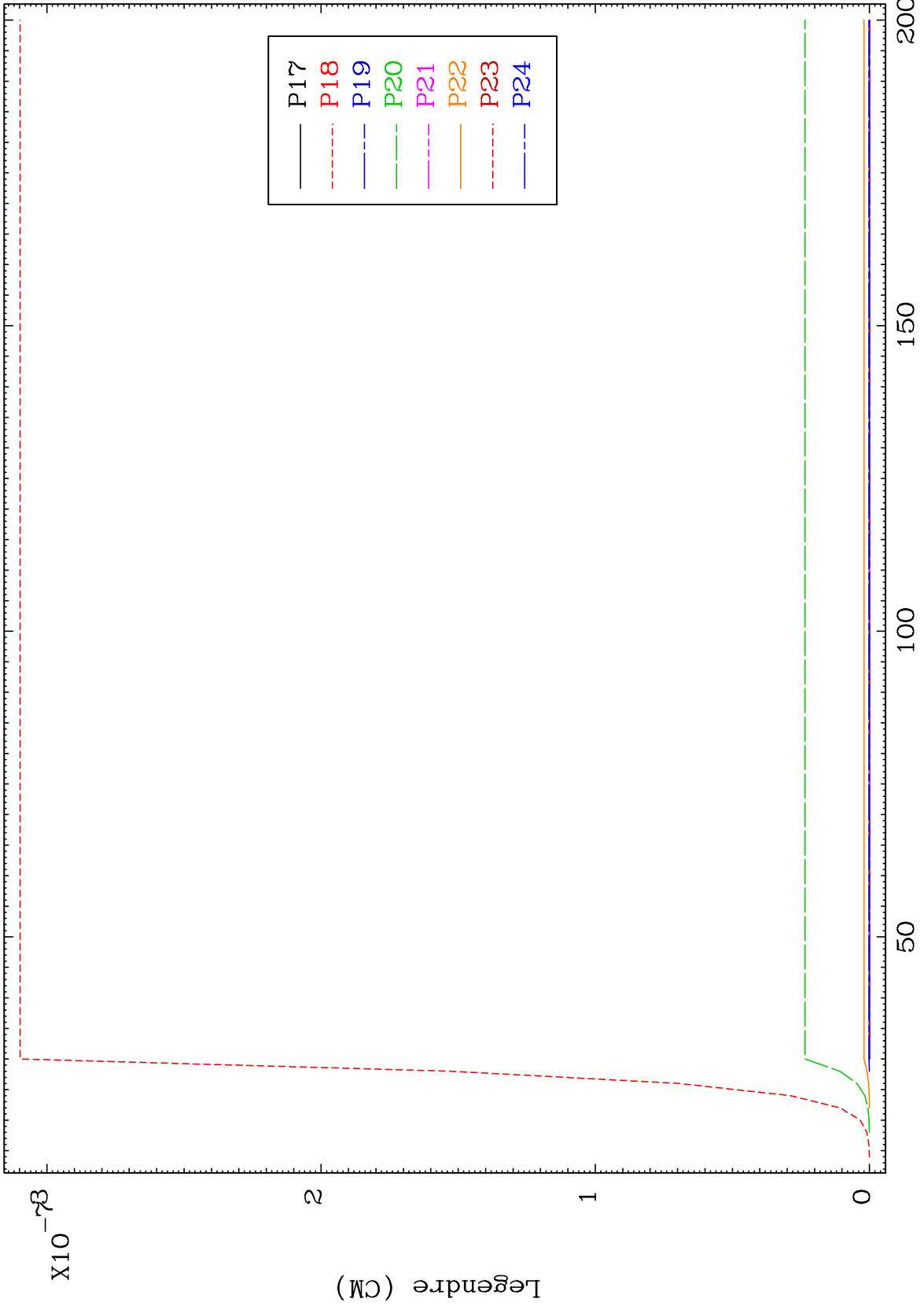
72 29-Cu-68

MAT 2940 MT= 69 (n,n') Level Legendre Coefficients 29-Cu-68



73 29-Cu-68

MAT 2940 MT= 69 (n,n') Level Legendre Coefficients 29-Cu-68

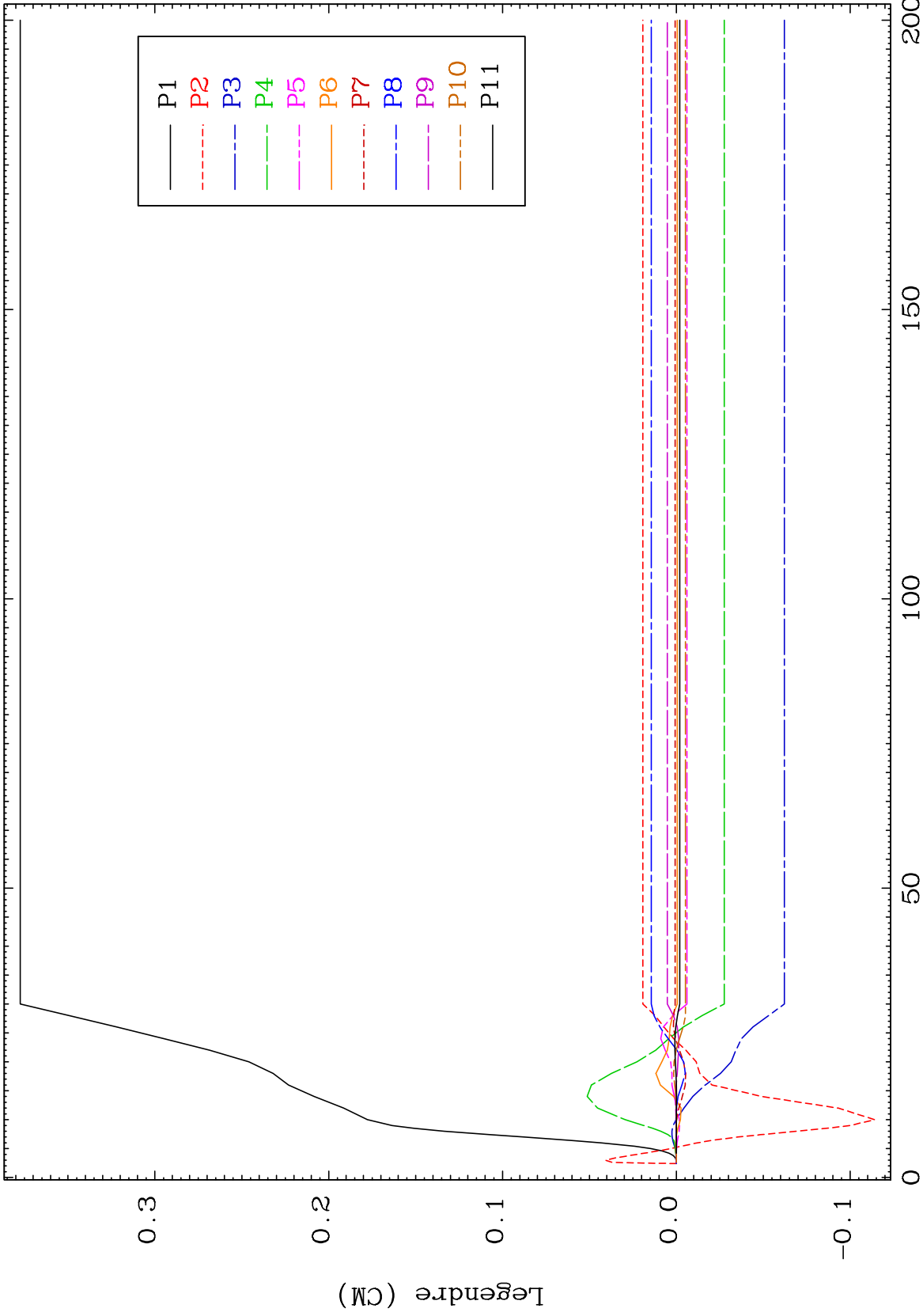


74 200 29-Cu-68

MAT 2940

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

29-Cu-68

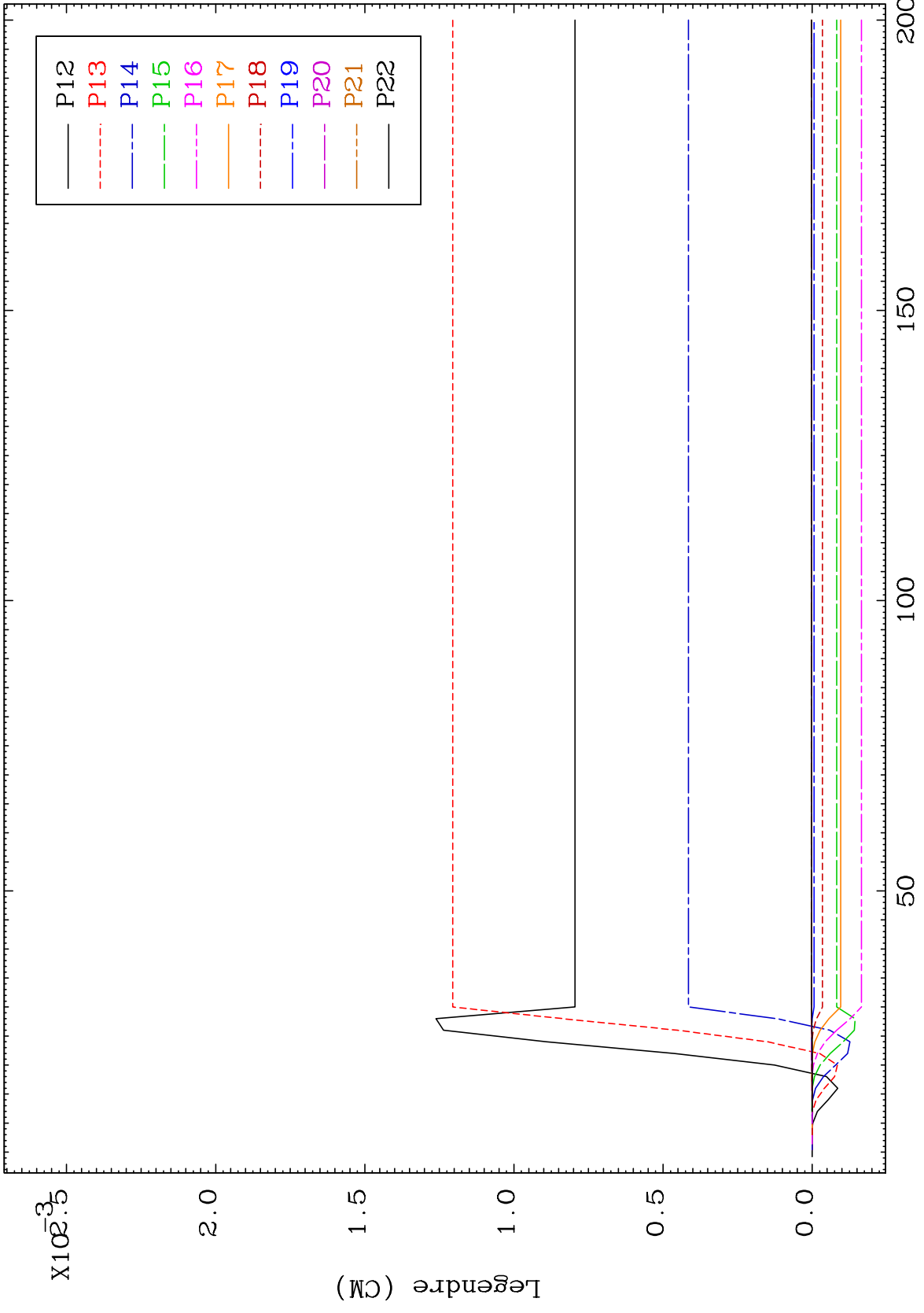


75

Incident Energy (MeV)

29-Cu-68

MAT 2940 MT= 70 (n,n') Level Legendre Coefficients 29-Cu-68

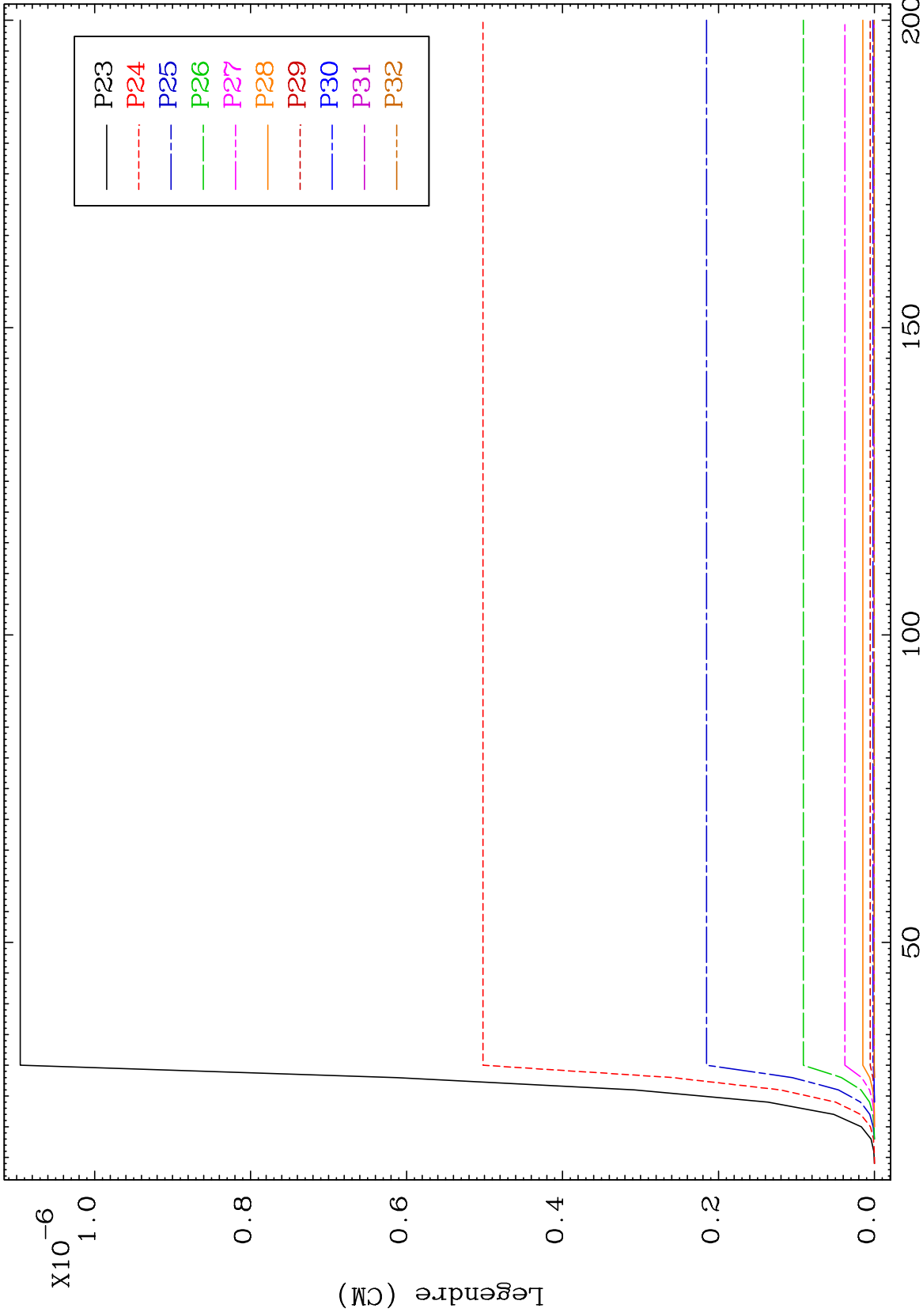


76 29-Cu-68

MAT 2940

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

29-Cu-68

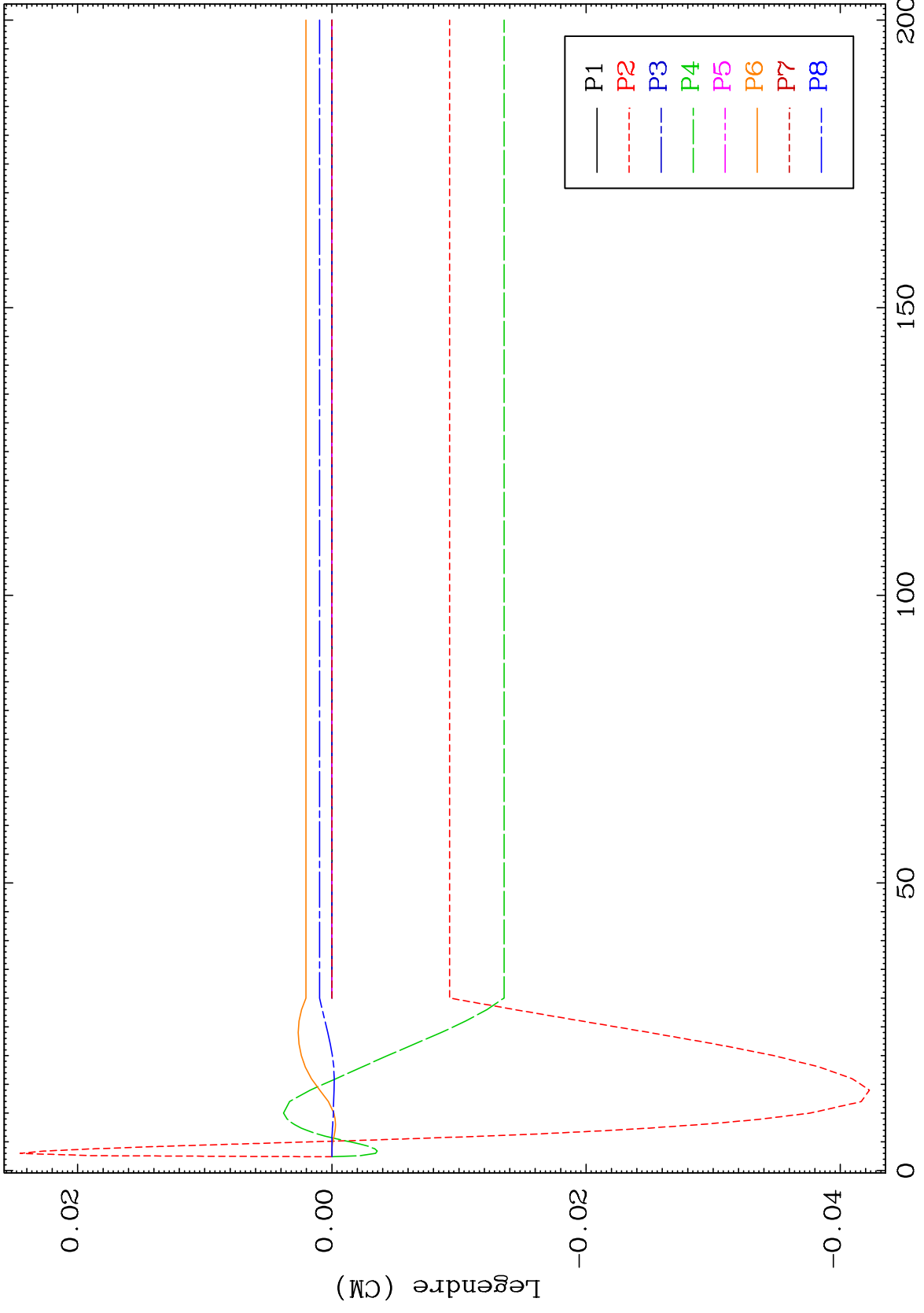


29-Cu-68

Incident Energy (MeV)

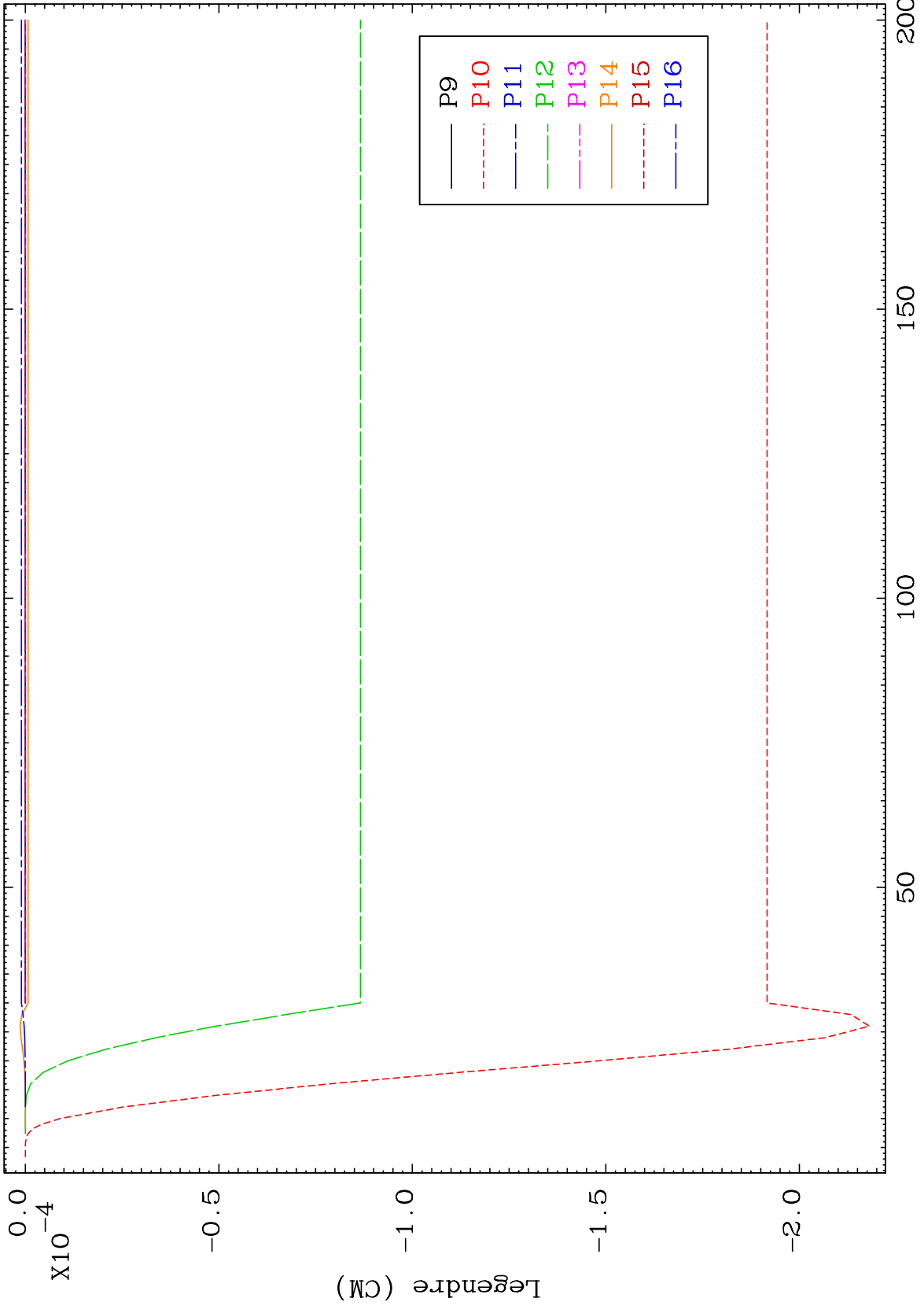
77

MAT 2940 MT= 71 (n,n') Level Legendre Coefficients 29-Cu-68



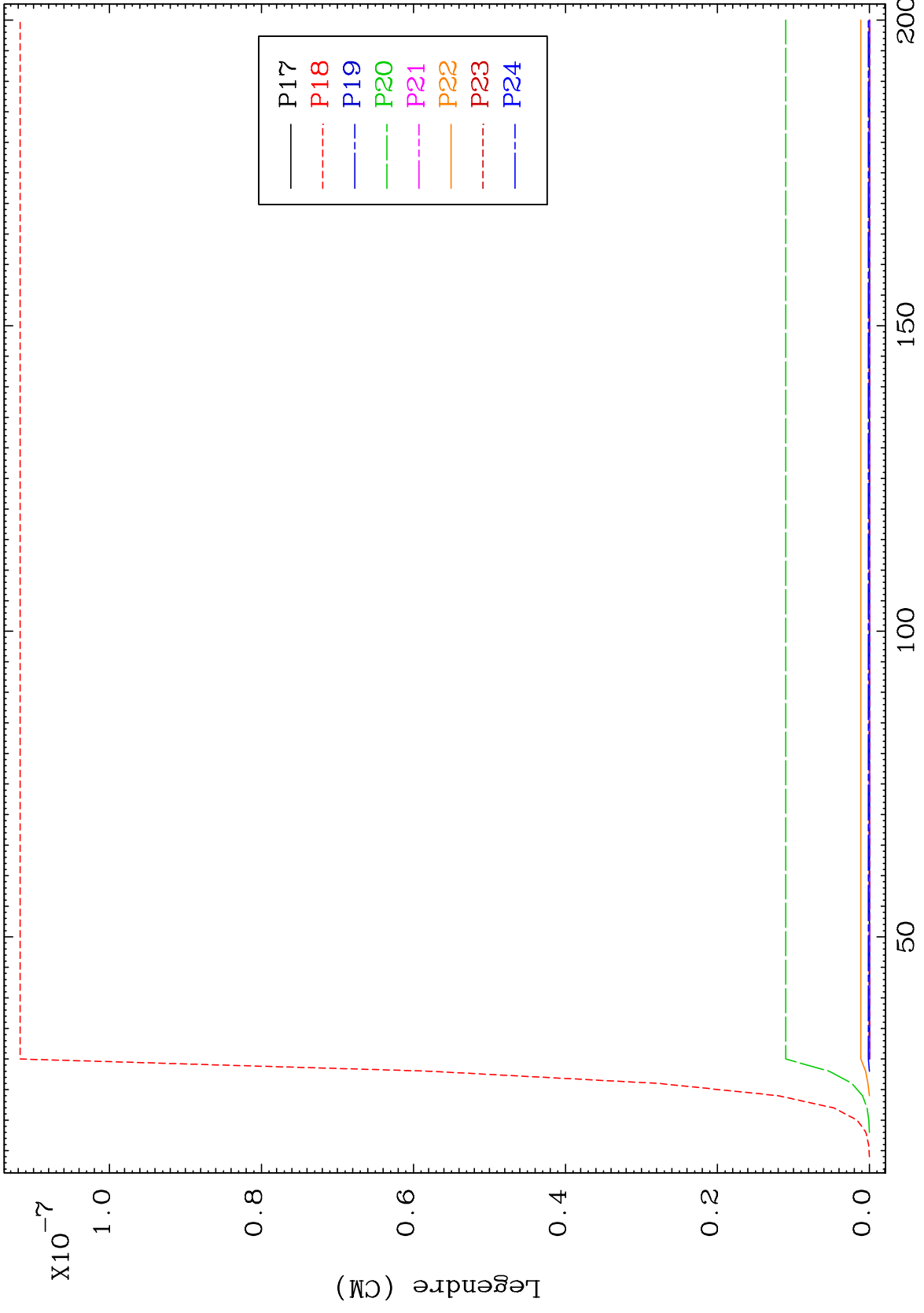
78 Incident Energy (MeV) 29-Cu-68

MAT 2940 MT= 71 (n,n') Level Legendre Coefficients 29-Cu-68



79 Incident Energy (MeV) 29-Cu-68

MAT 2940 MT= 71 (n,n') Level Legendre Coefficients 29-Cu-68

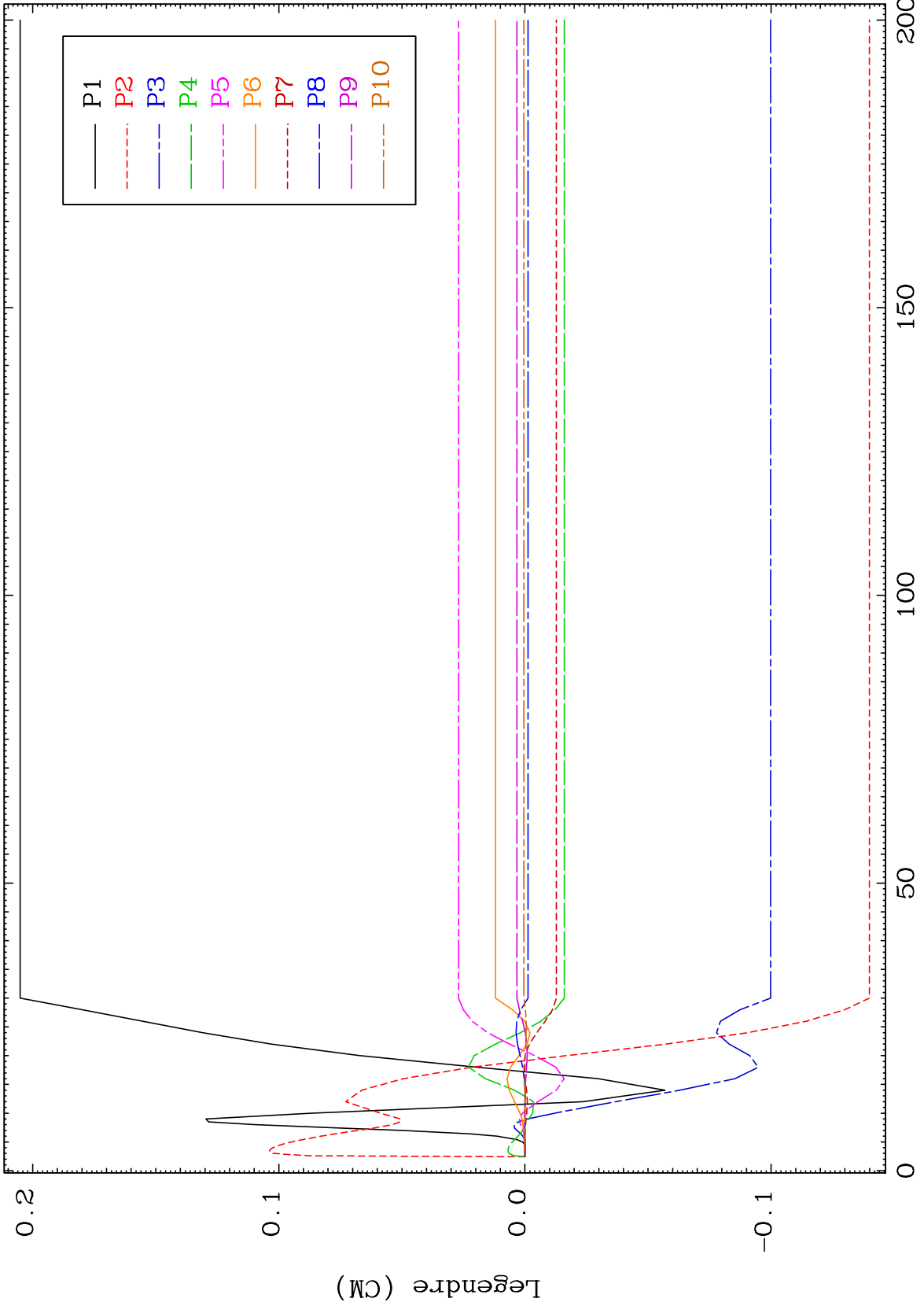


Incident Energy (MeV) 29-Cu-68

MAT 2940

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

29-Cu-68

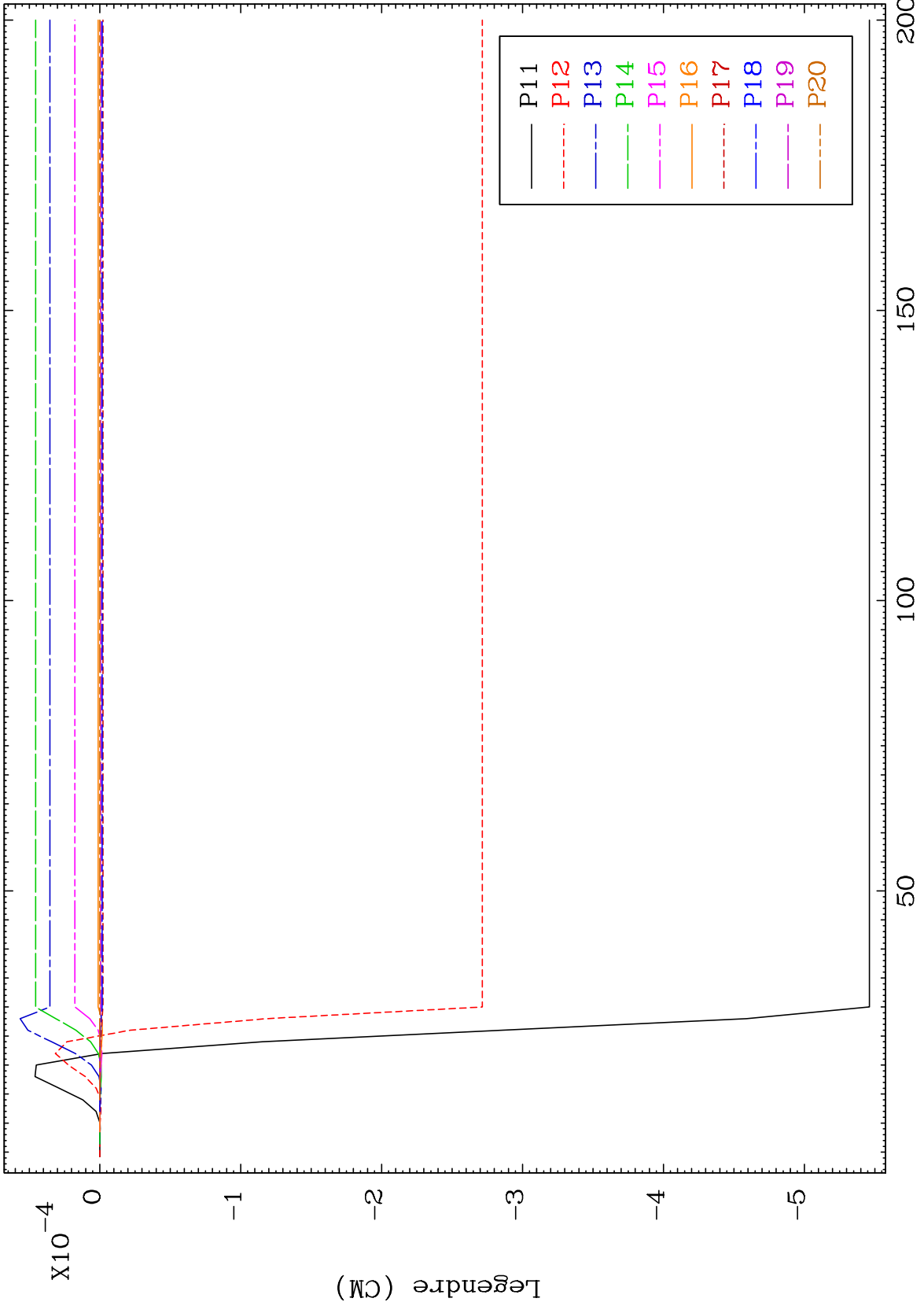


81

Incident Energy (MeV)

29-Cu-68

MAT 2940 MT= 72 (n,n') Level Legendre Coefficients 29-Cu-68

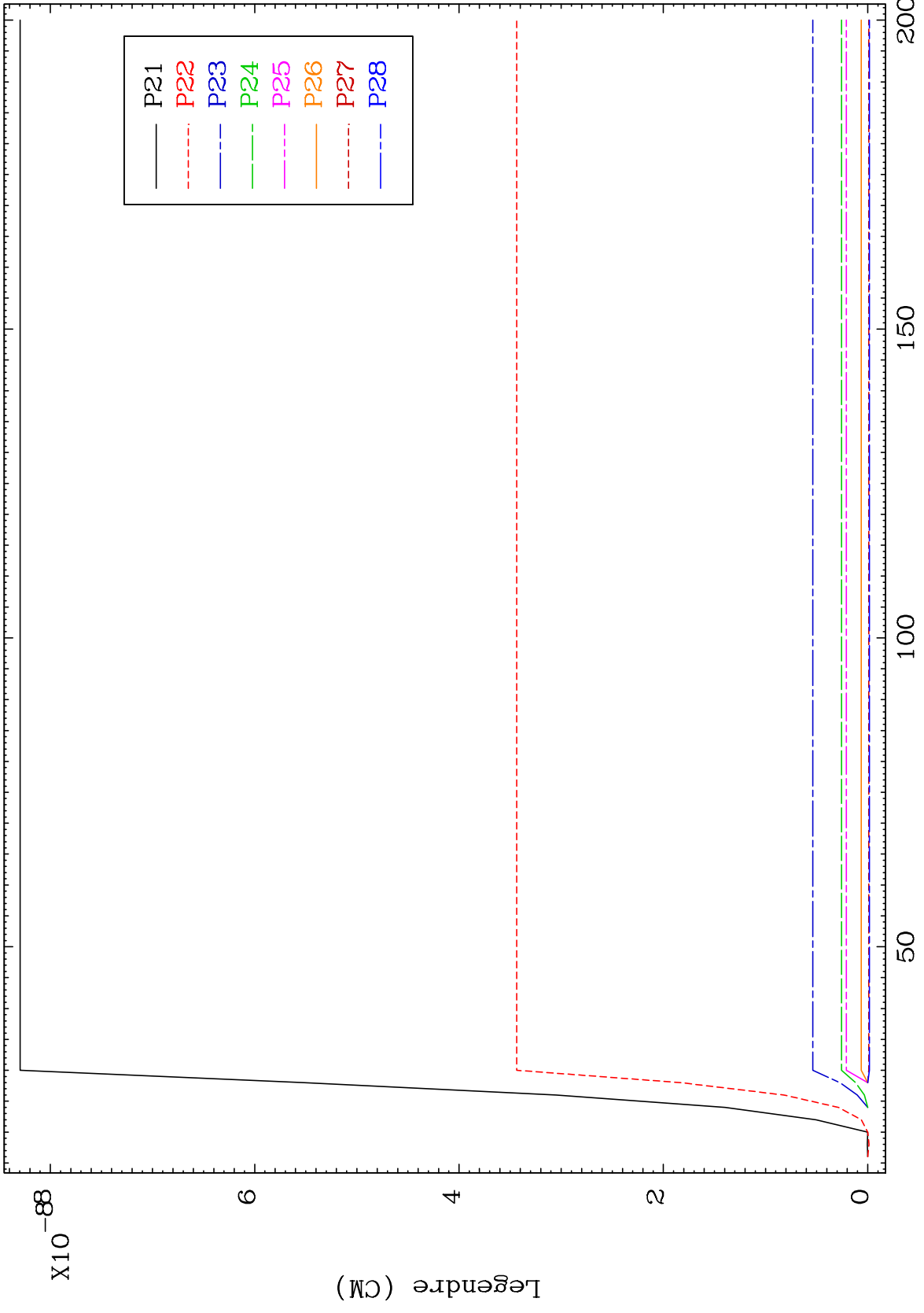


82 Incident Energy (MeV) 29-Cu-68

MAT 2940

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

29-Cu-68



83

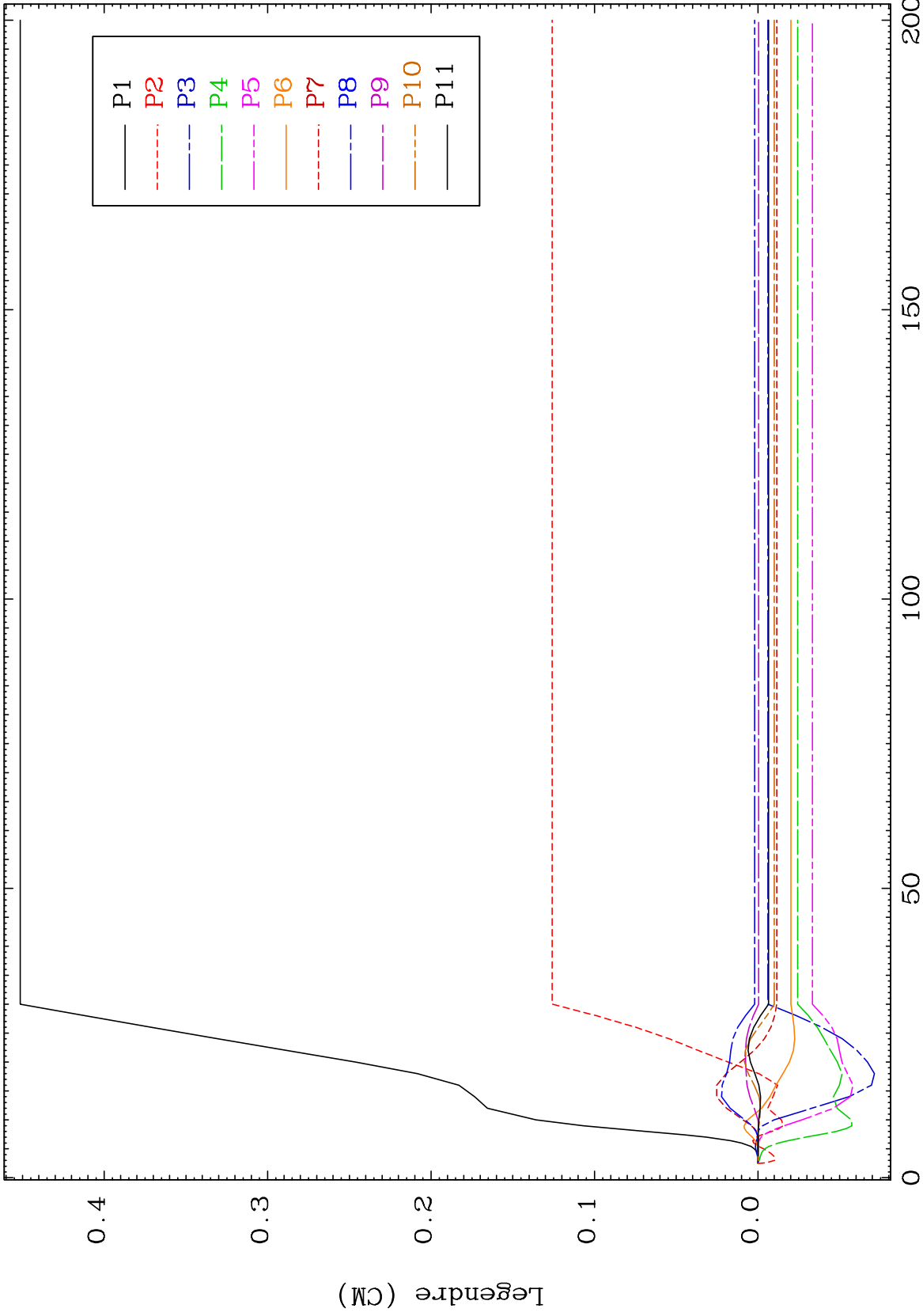
Incident Energy (MeV)

29-Cu-68

MAT 2940

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

29-Cu-68



84

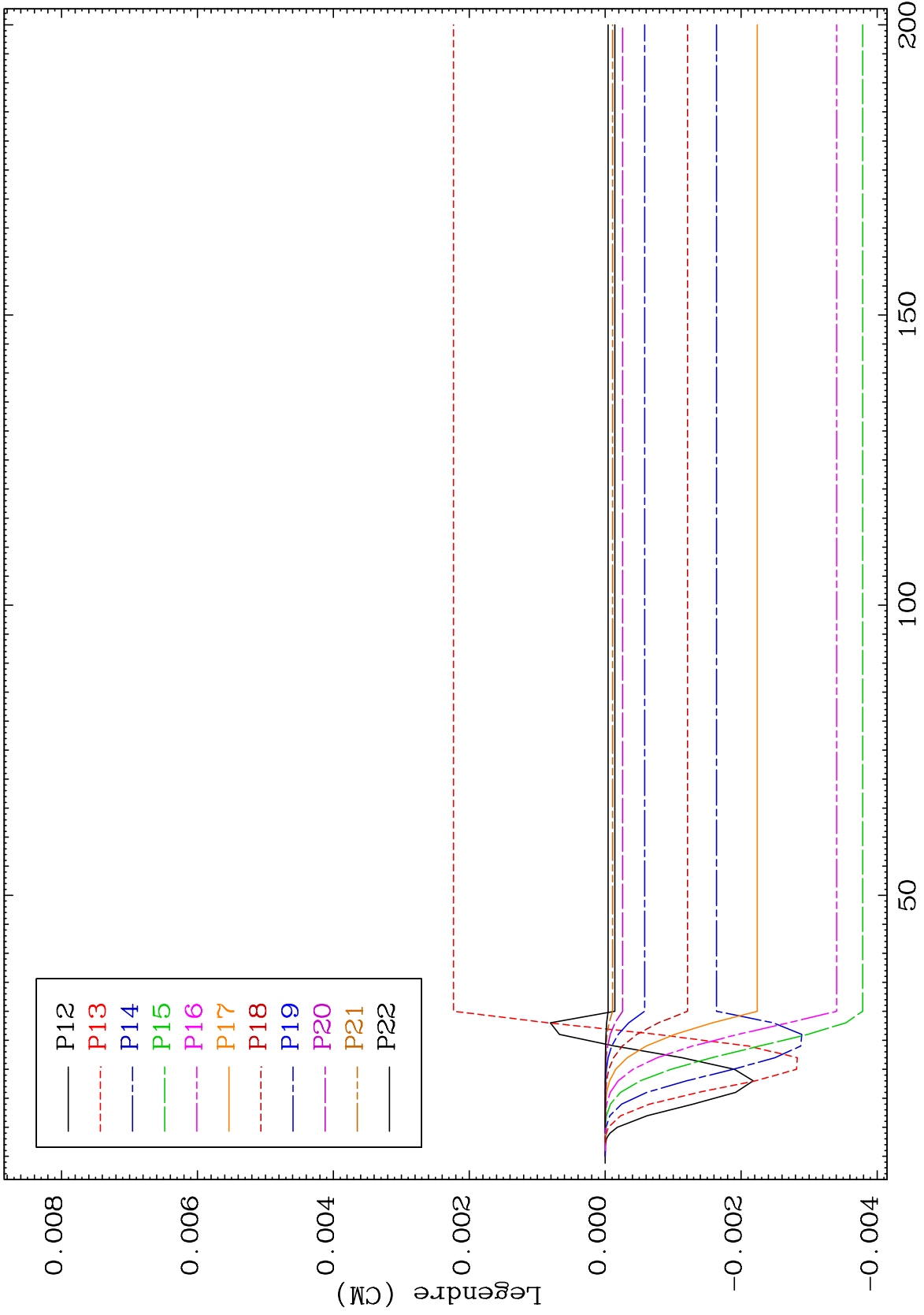
Incident Energy (MeV)

29-Cu-68

MAT 2940

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

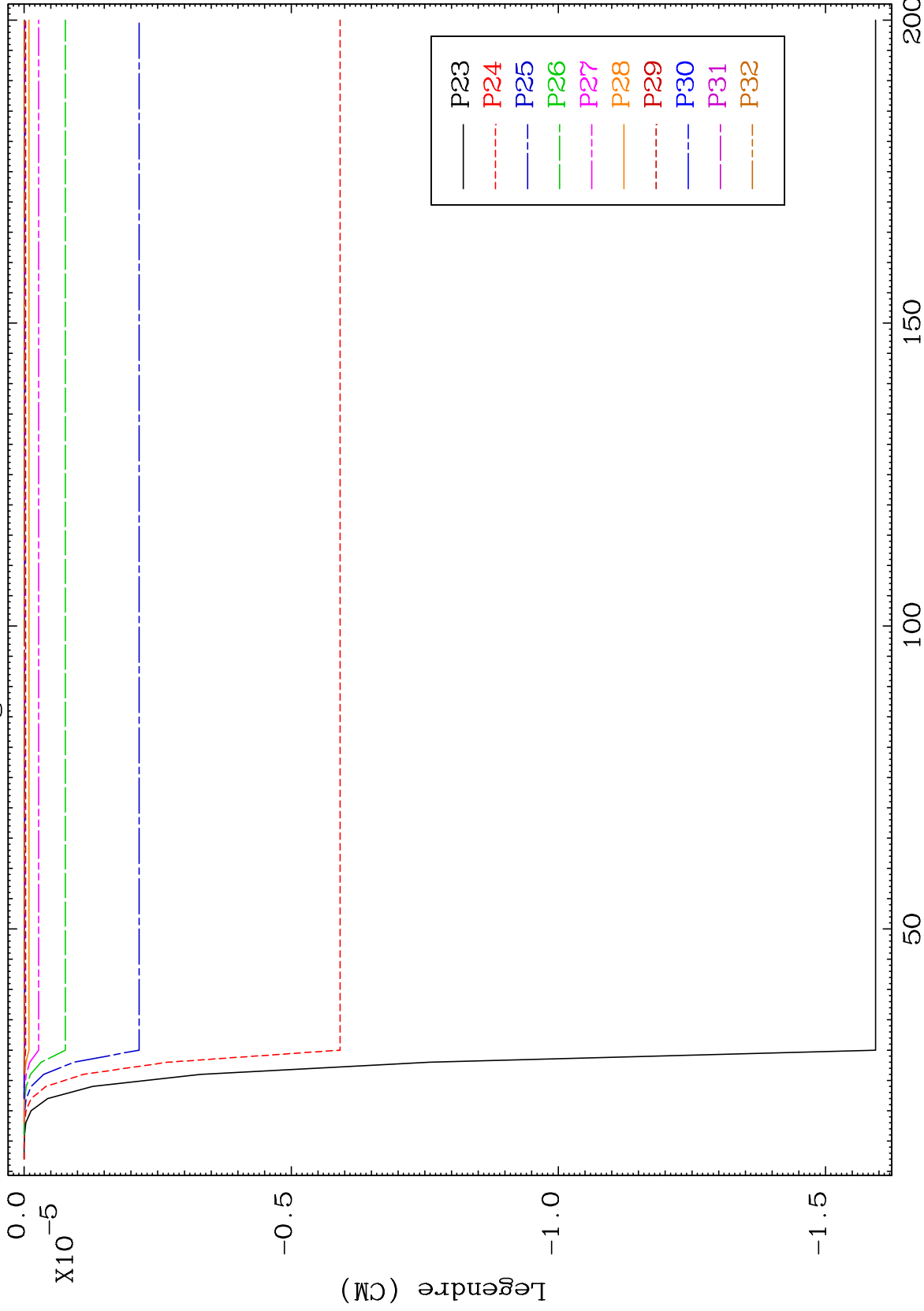
29-Cu-68



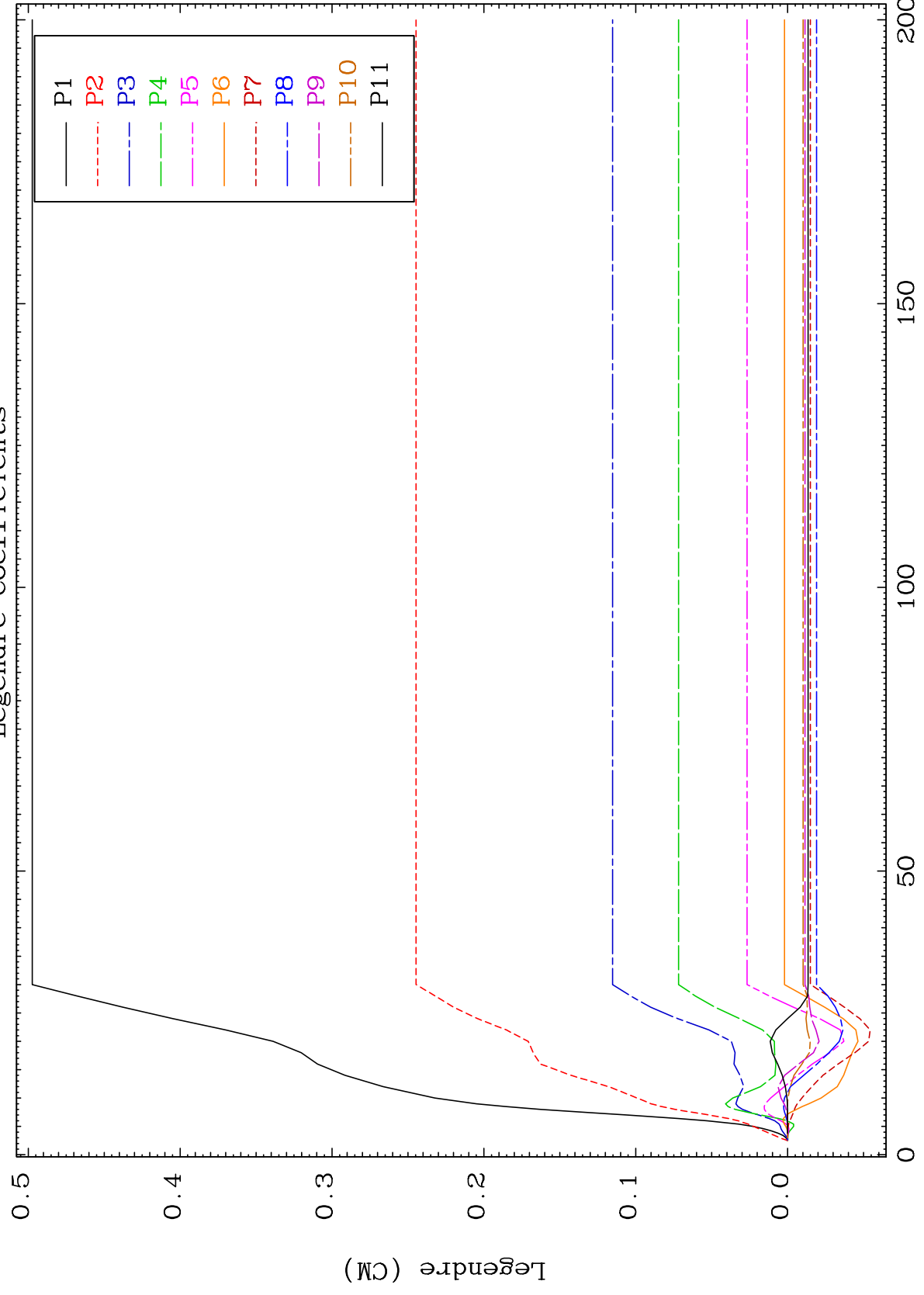
85

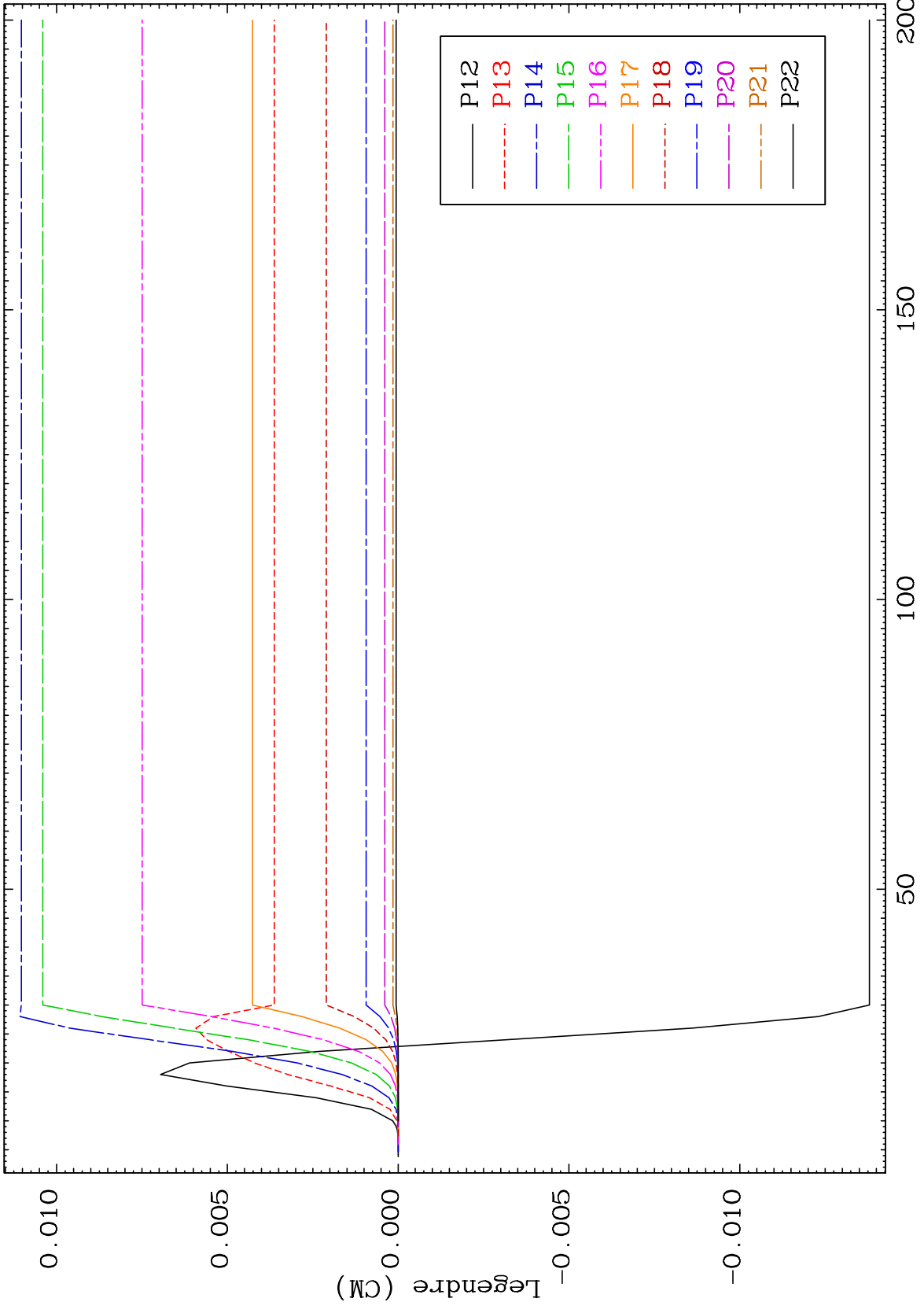
Incident Energy (MeV)

29-Cu-68



MAT 2940 MT= 74 (n,n') Level Legendre Coefficients 29-Cu-68

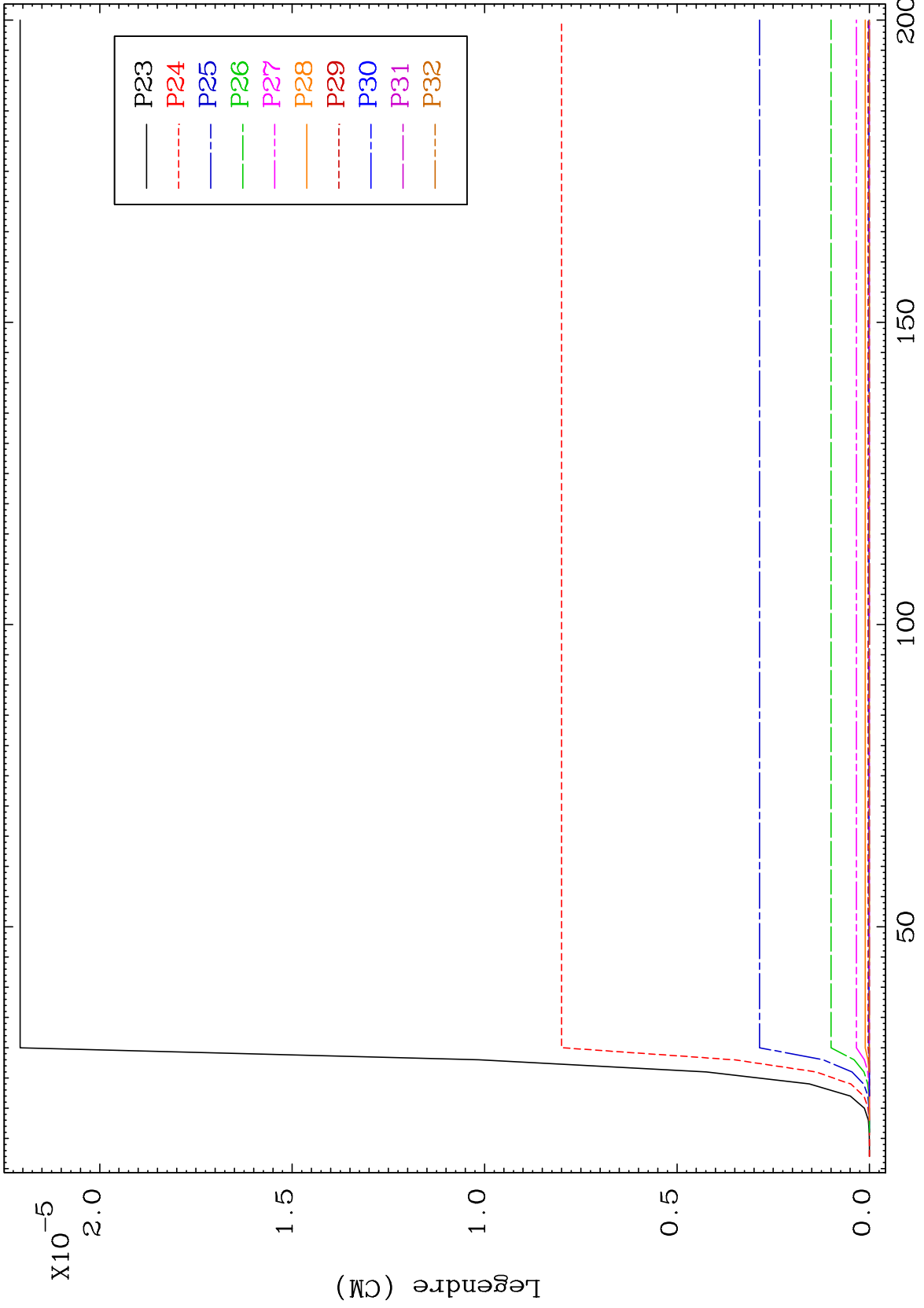




MAT 2940

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

29-Cu-68



89

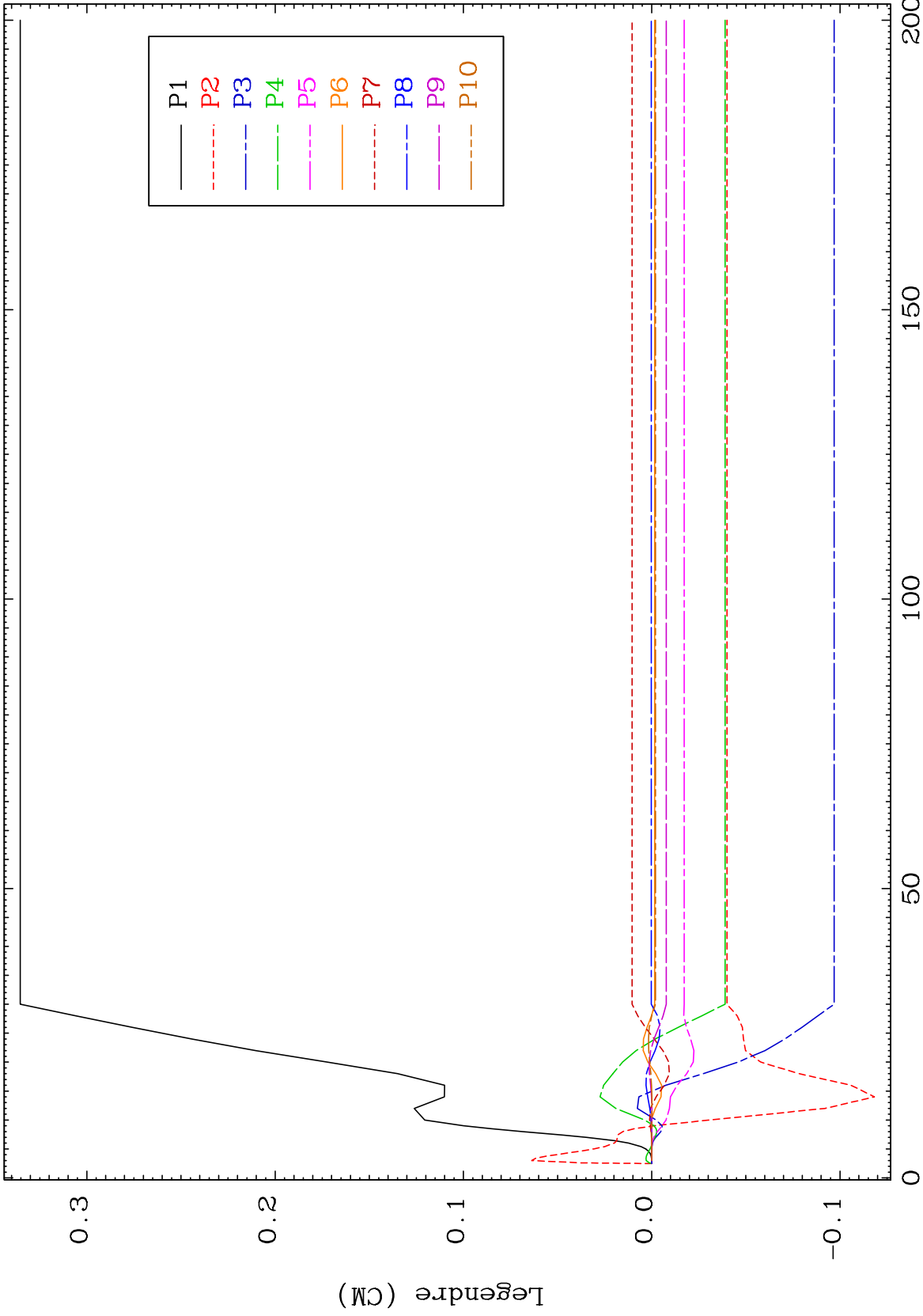
Incident Energy (MeV)

29-Cu-68

MAT 2940

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

29-Cu-68



29-Cu-68

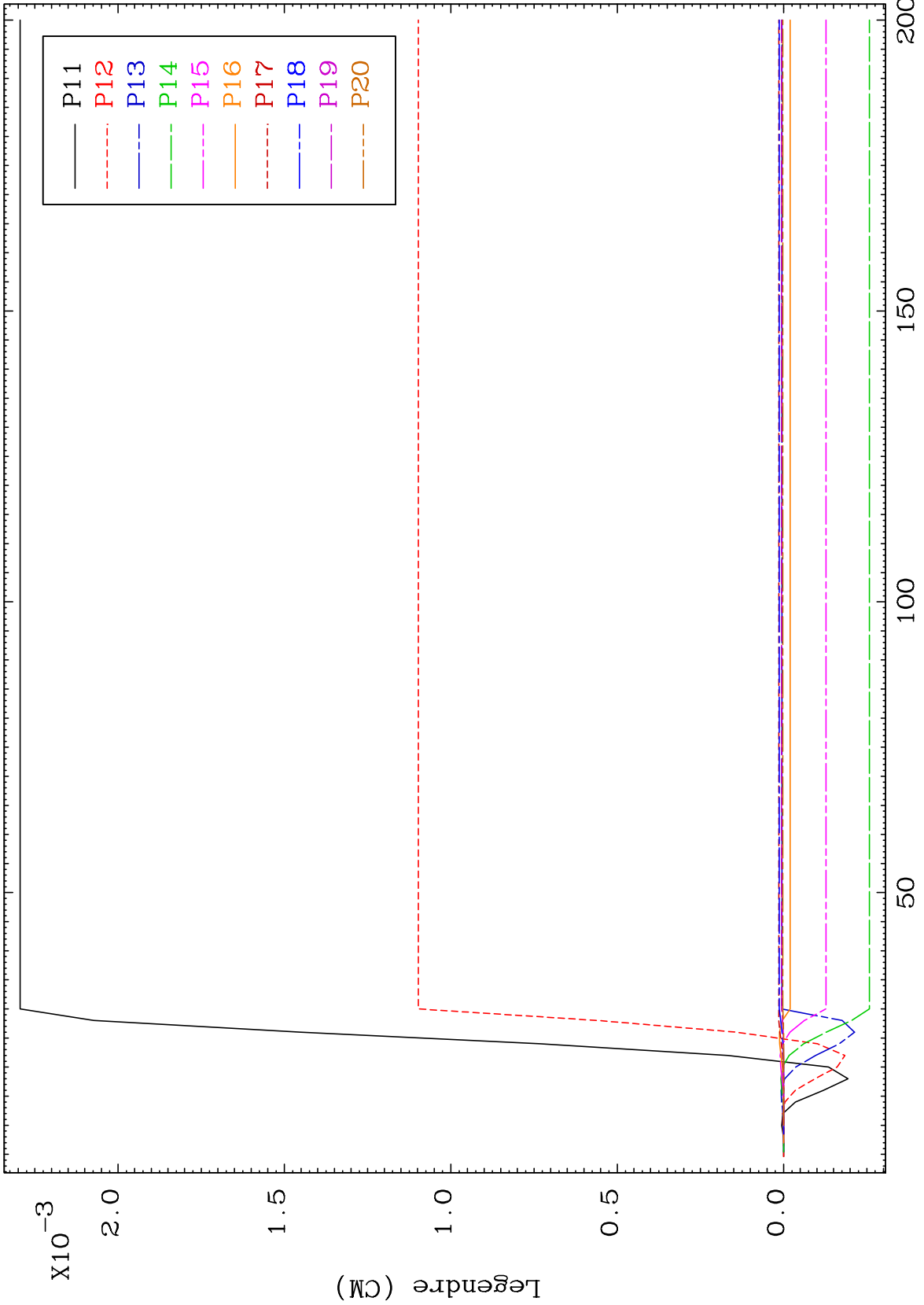
Incident Energy (MeV)

90

MAT 2940

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

29-Cu-68



91

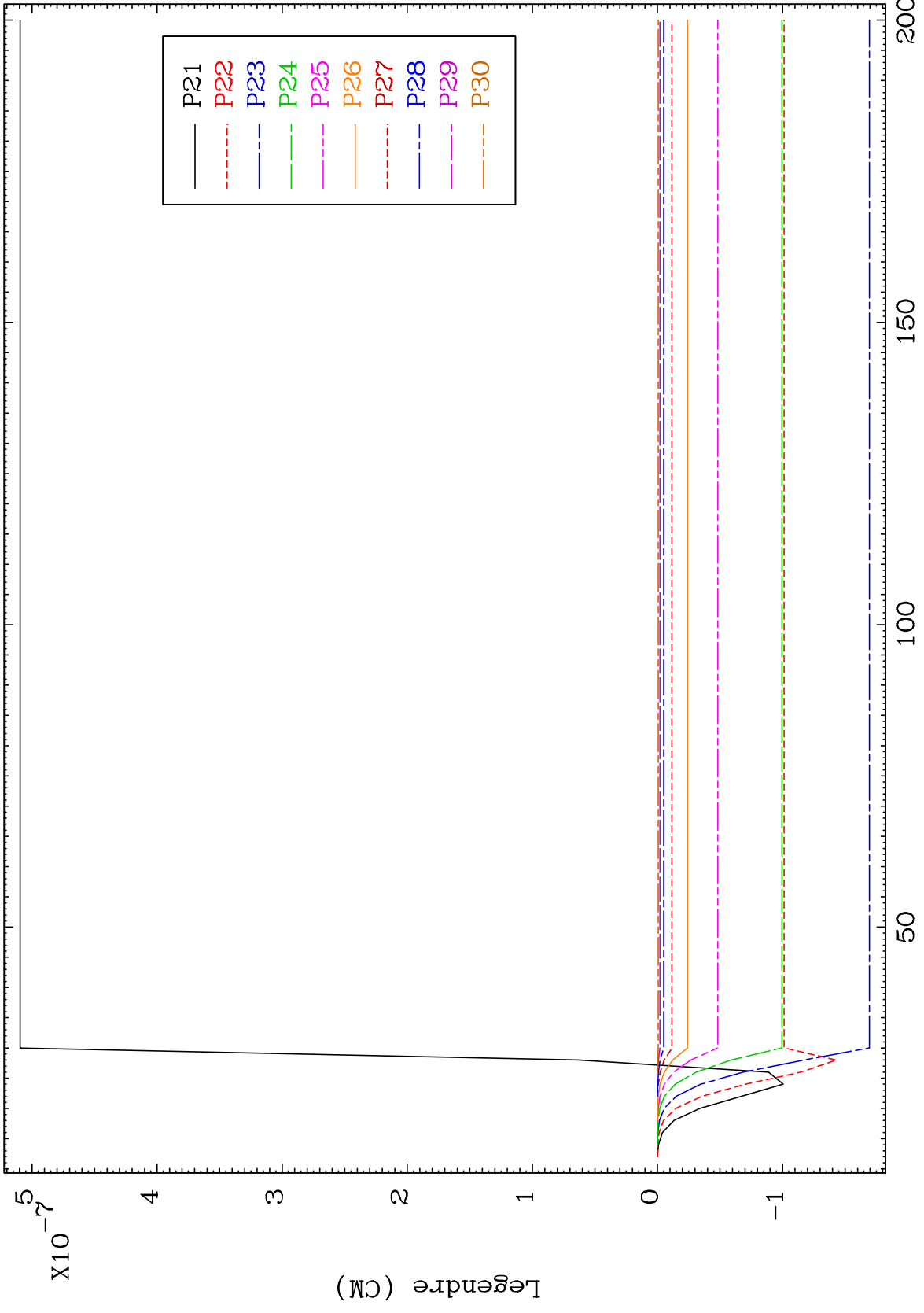
Incident Energy (MeV)

29-Cu-68

MAT 2940

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

29-Cu-68

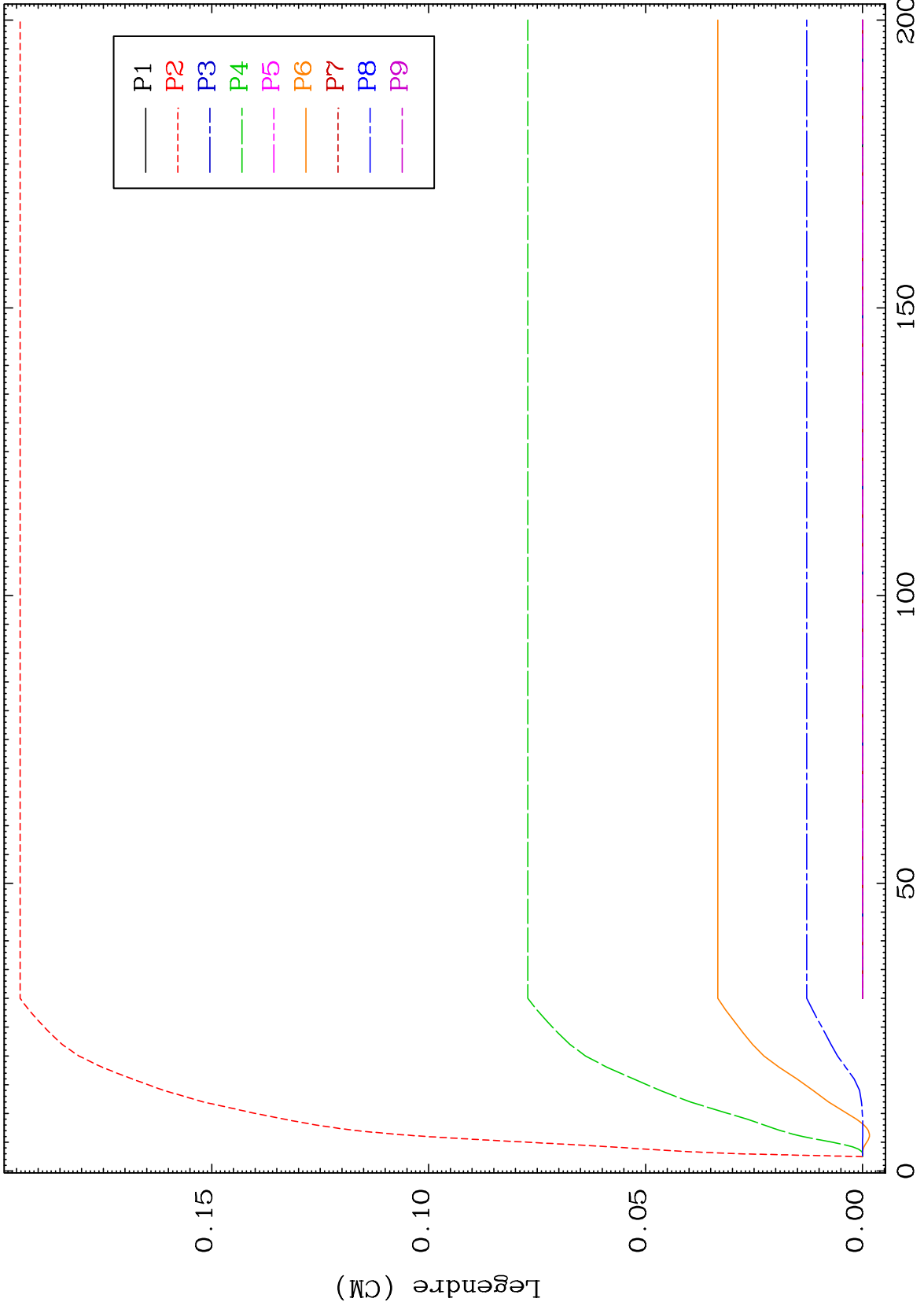


92

Incident Energy (MeV)

29-Cu-68

MAT 2940 MT= 76 (n,n') Level Legendre Coefficients 29-Cu-68

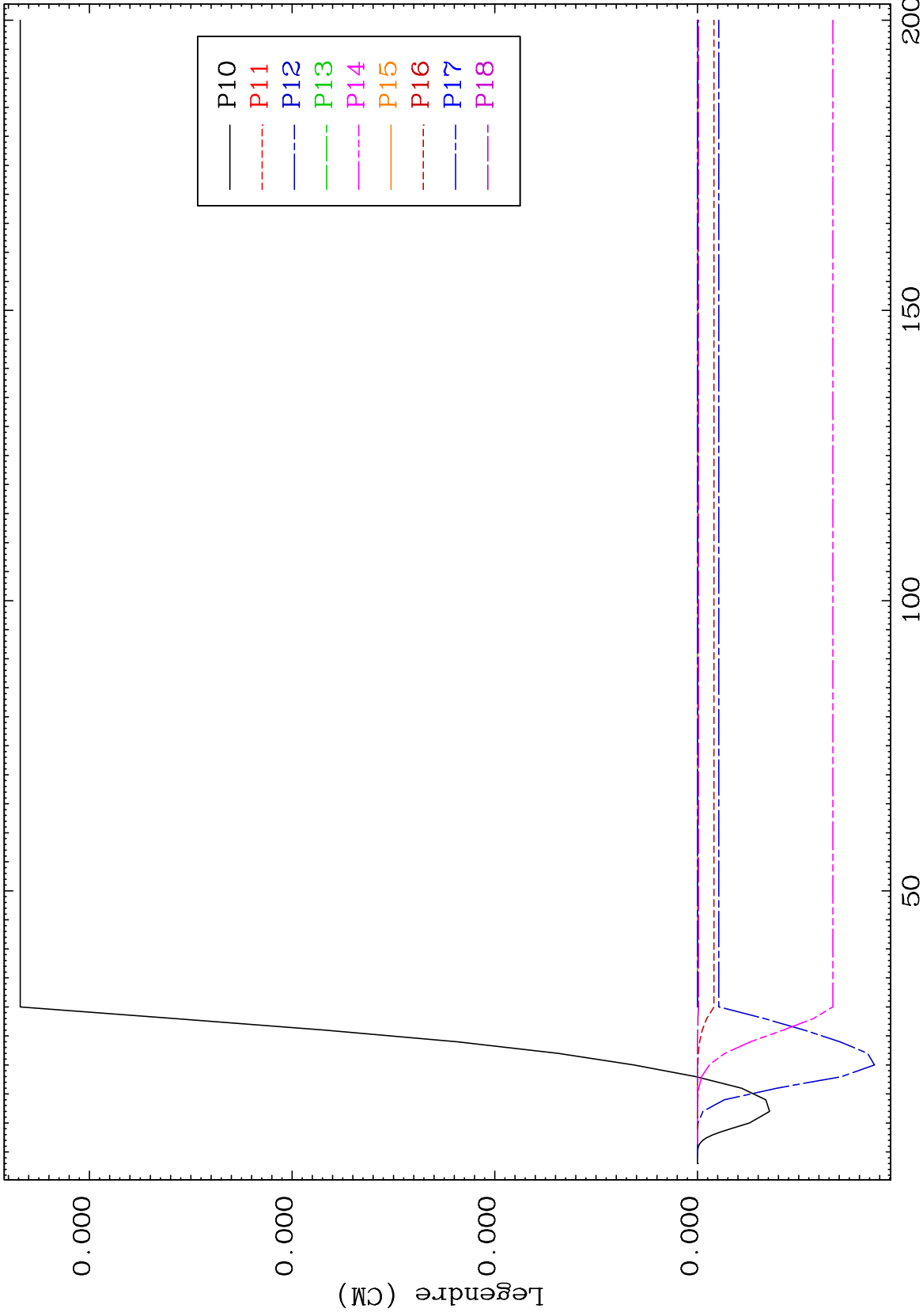


93 Incident Energy (MeV) 29-Cu-68

MAT 2940

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

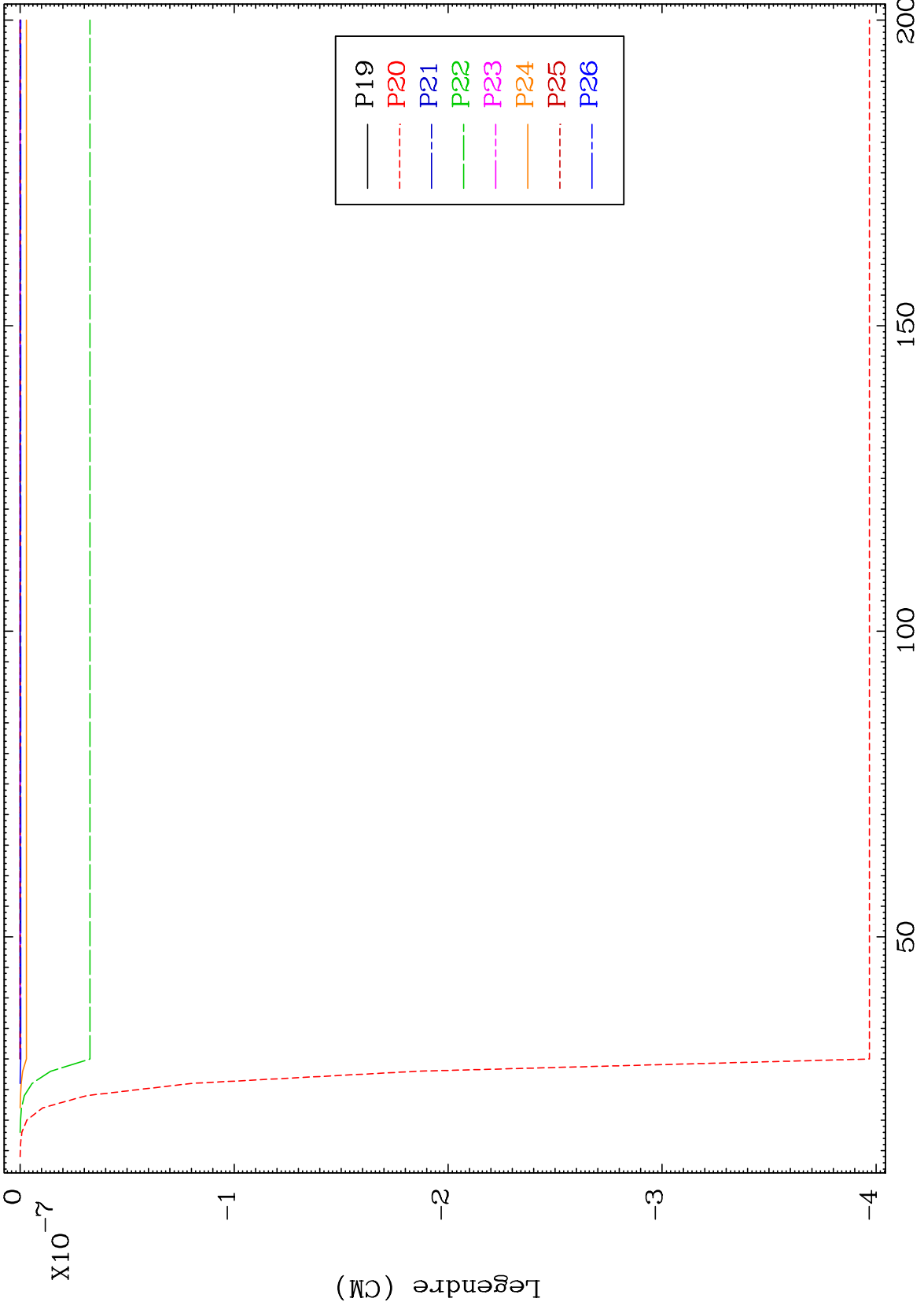
29-Cu-68



94

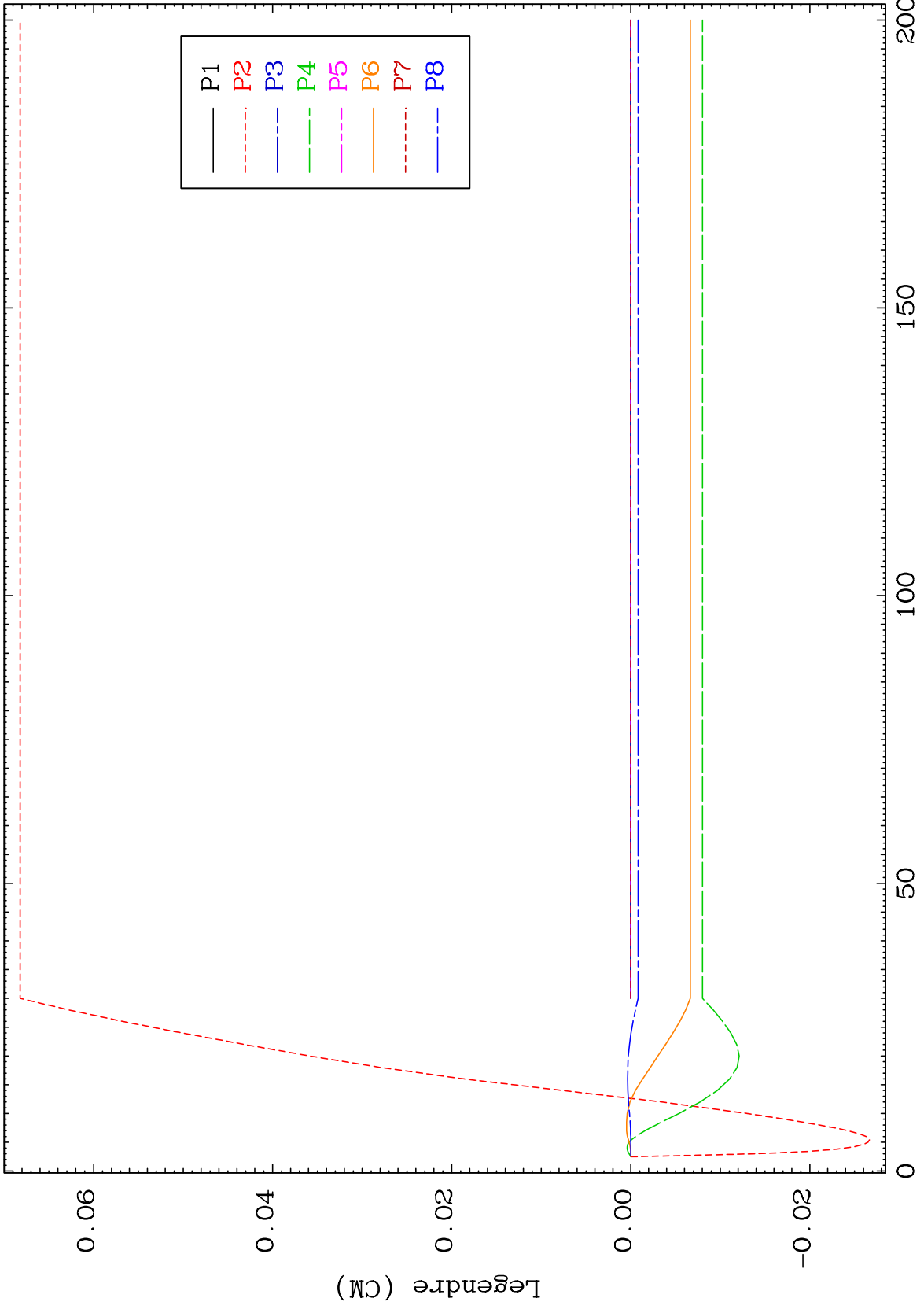
29-Cu-68

MAT 2940 MT= 76 (n,n') Level Legendre Coefficients 29-Cu-68



95 29-Cu-68

MAT 2940 MT= 77 (n,n') Level Legendre Coefficients 29-Cu-68

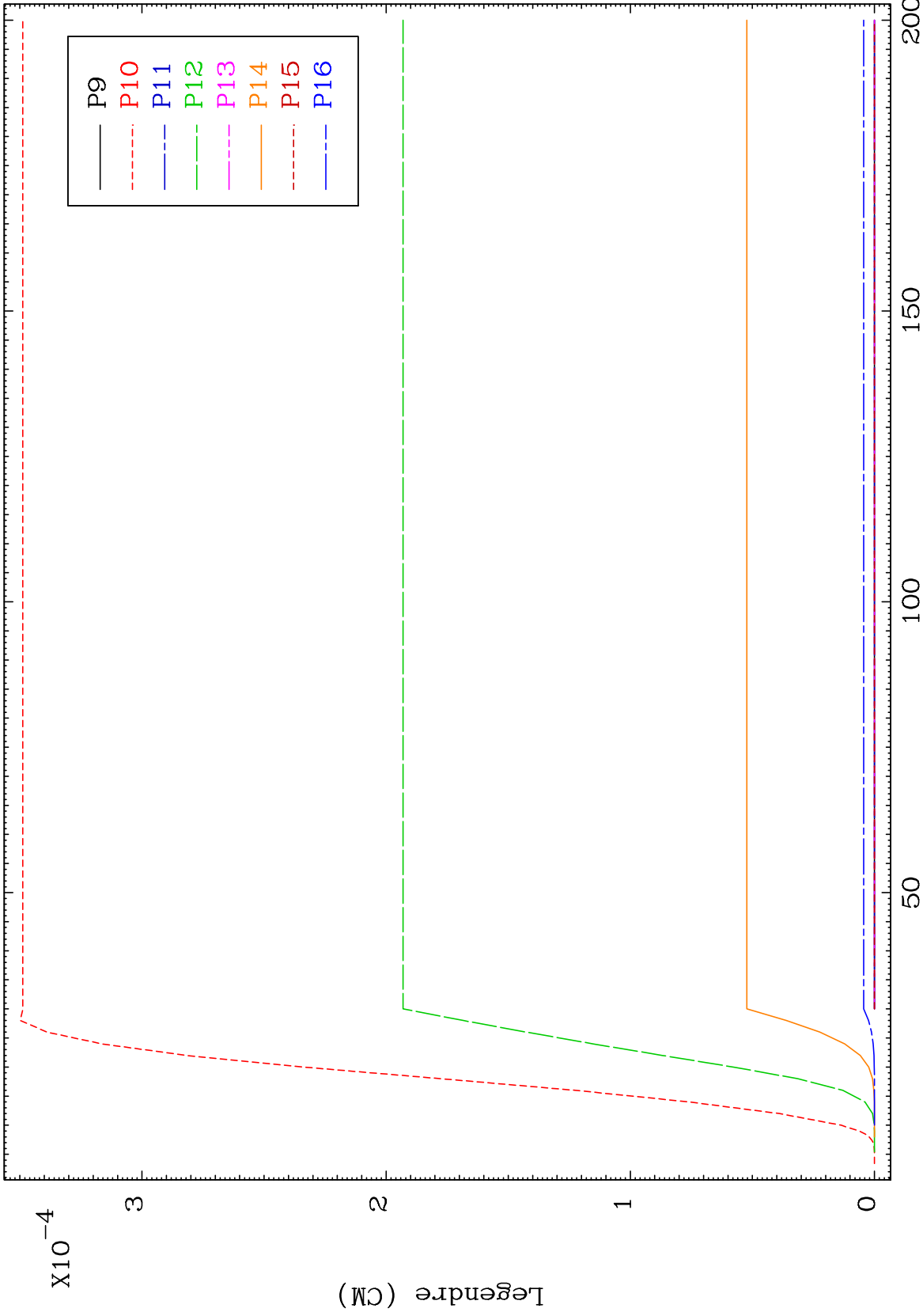


96 Incident Energy (MeV) 29-Cu-68

MAT 2940

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

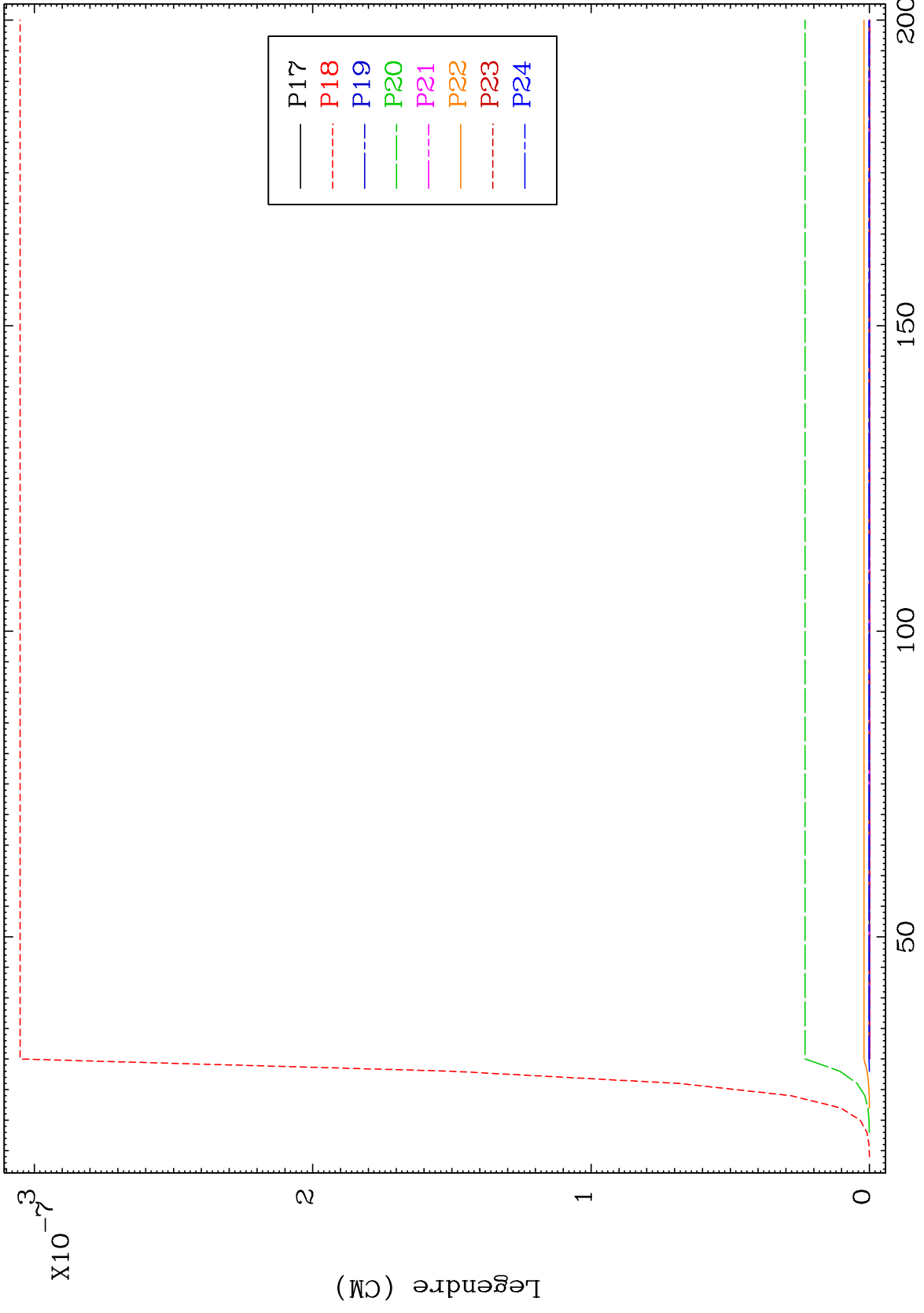
29-Cu-68



29-Cu-68

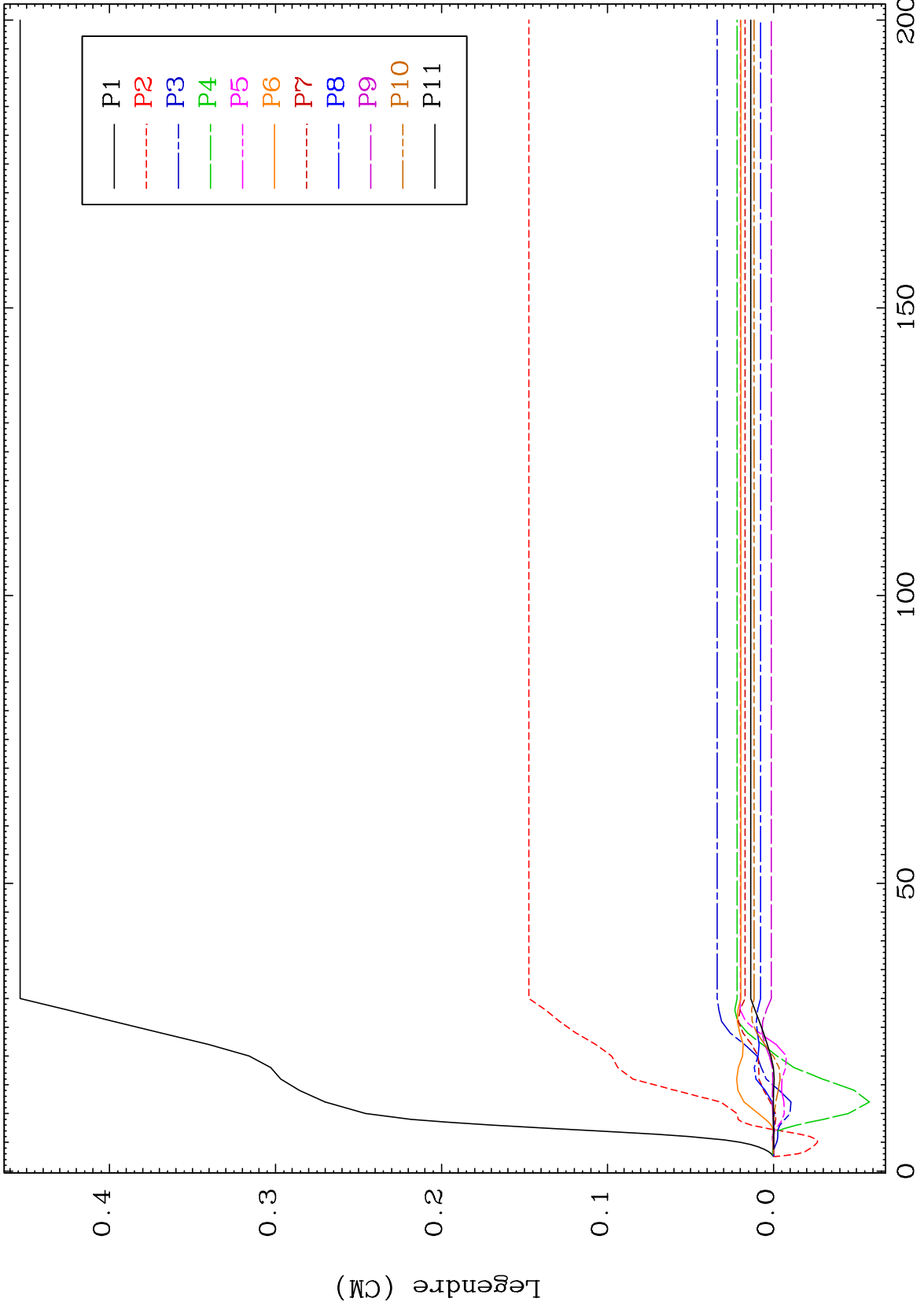
97

MAT 2940 MT= 77 (n,n') Level Legendre Coefficients 29-Cu-68



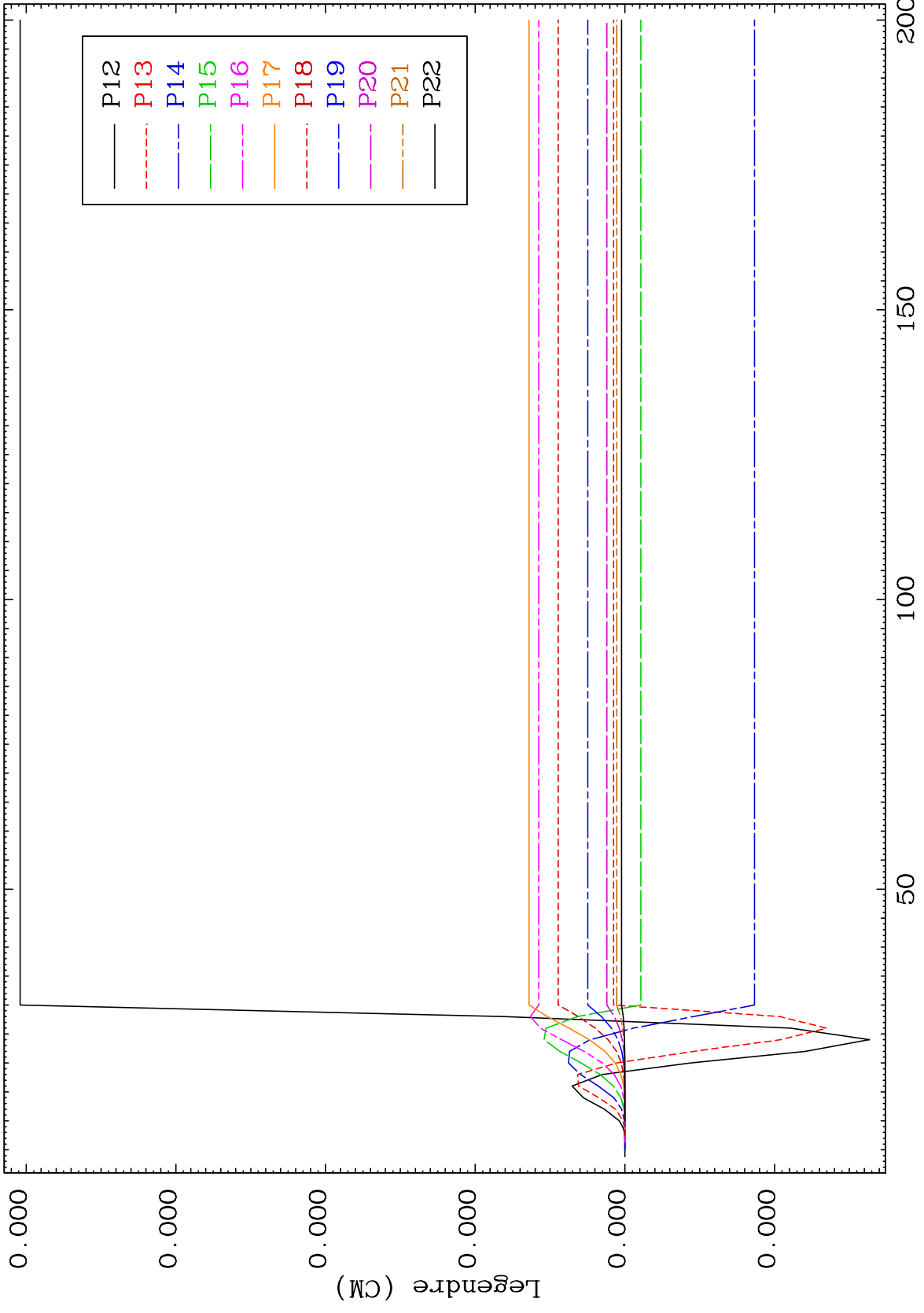
98 29-Cu-68

MAT 2940 MT= 78 (n,n') Level Legendre Coefficients 29-Cu-68



99 Incident Energy (MeV) 29-Cu-68

MAT 2940 MT= 78 (n,n') Level Legendre Coefficients 29-Cu-68

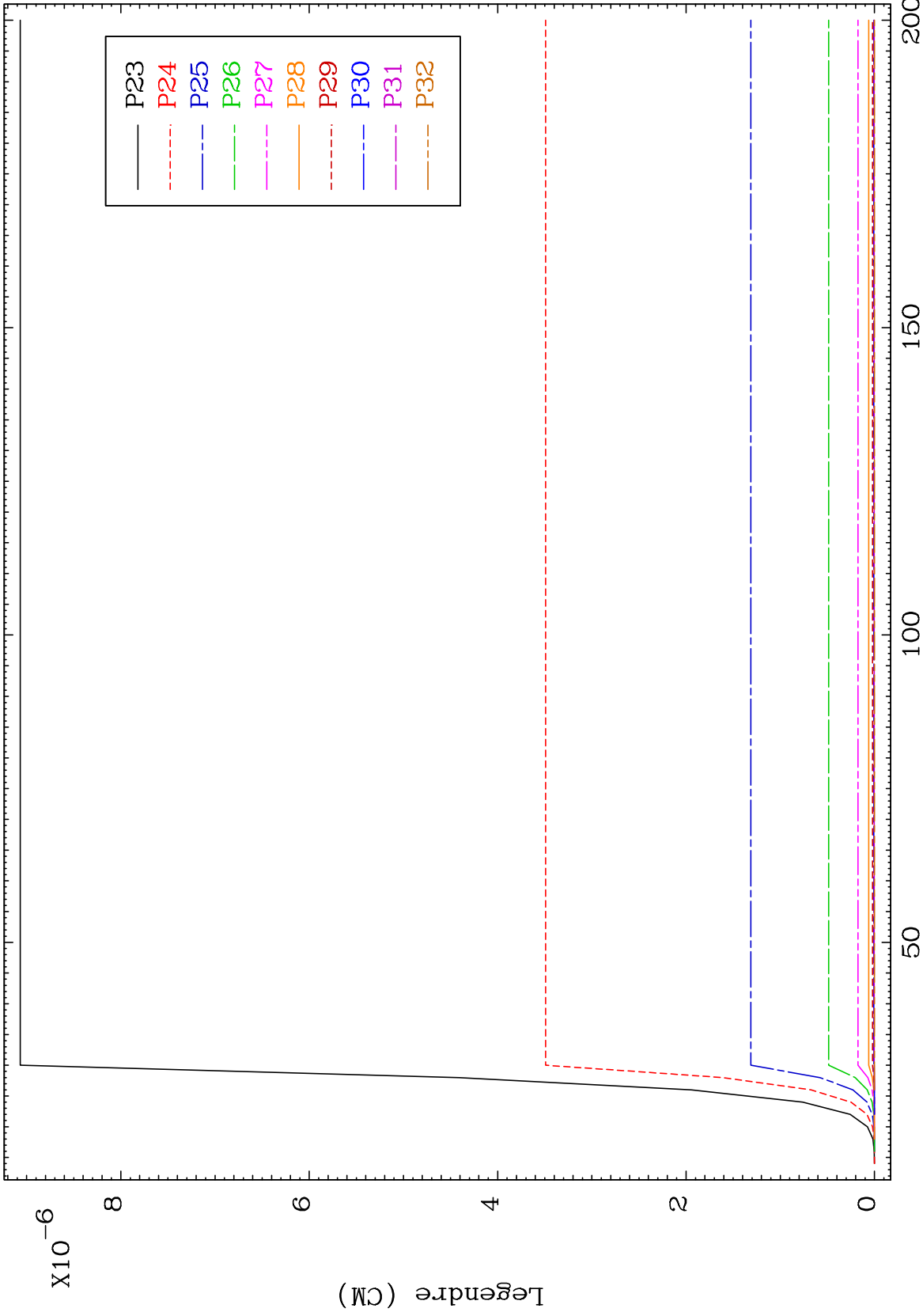


100 Incident Energy (MeV) 200 29-Cu-68

MAT 2940

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

29-Cu-68



101

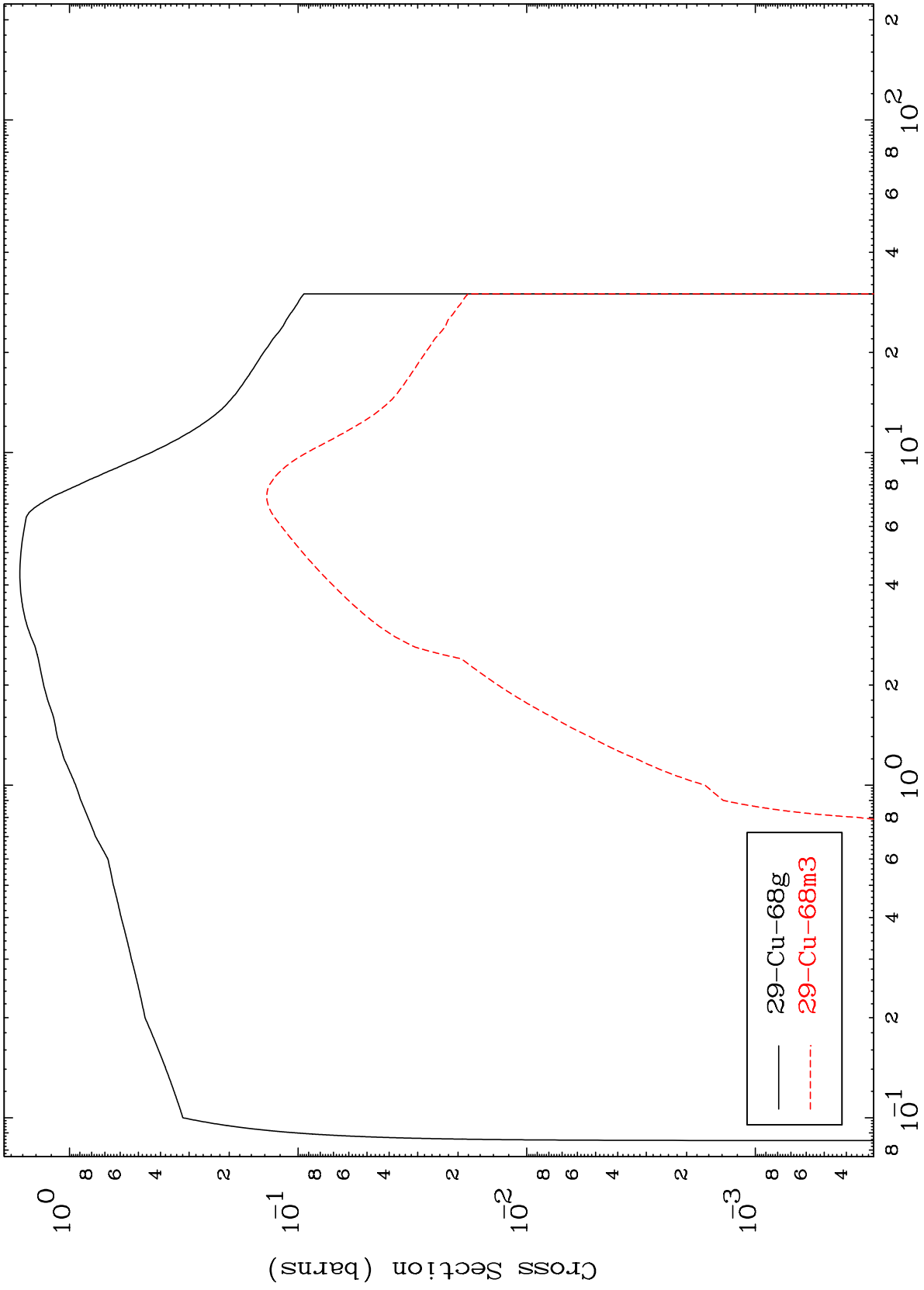
Incident Energy (MeV)

29-Cu-68

MAT 2940

29-Cu-68

Inelastic Radionuclide Production Cross Section



102

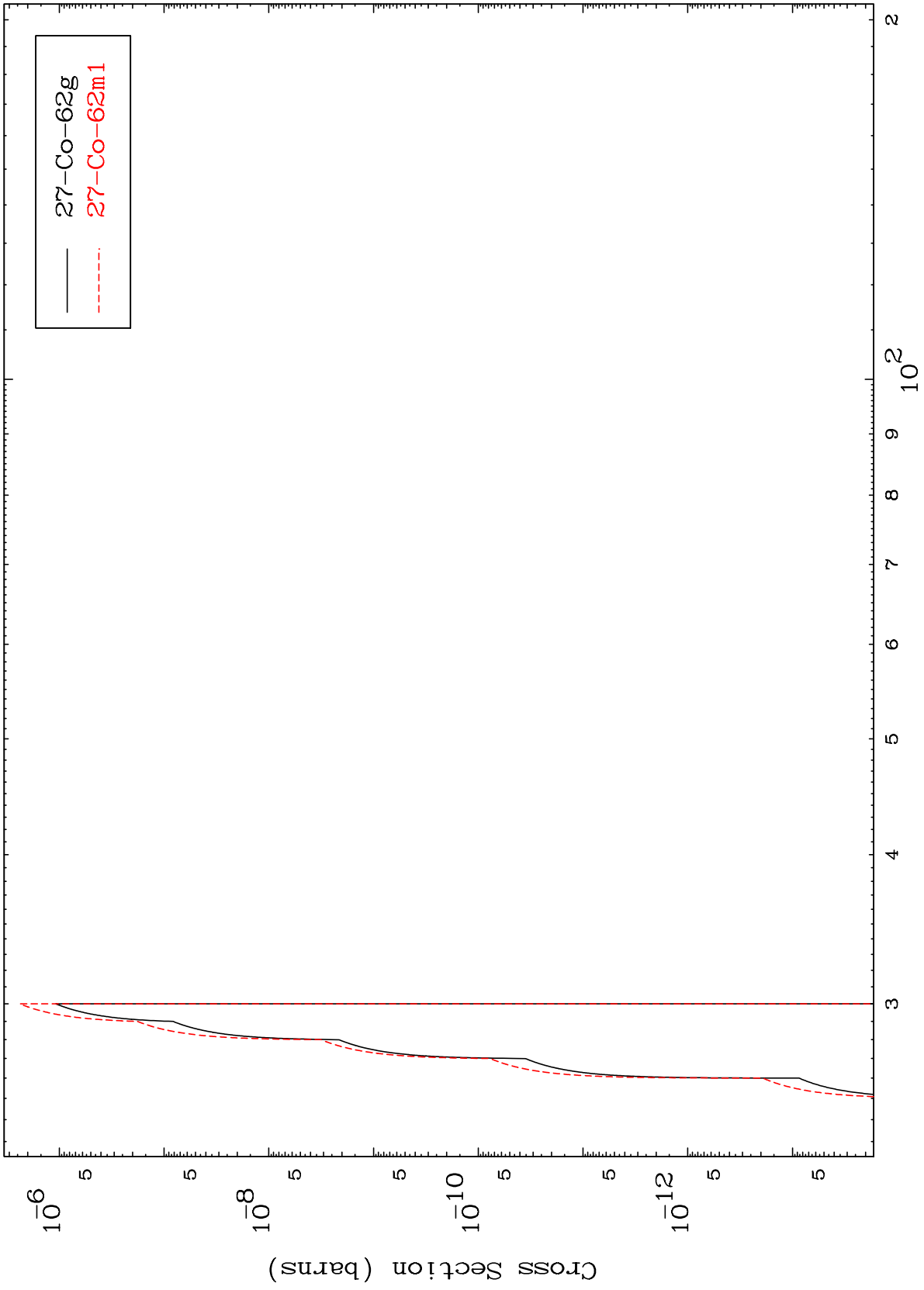
29-Cu-68

MAT 2940

(n,3n) α

29-Cu-68

Radionuclide Production Cross Section



103

Incident Energy (MeV)

29-Cu-68