

Program EVALPLOT
(Version 2018-1)

by

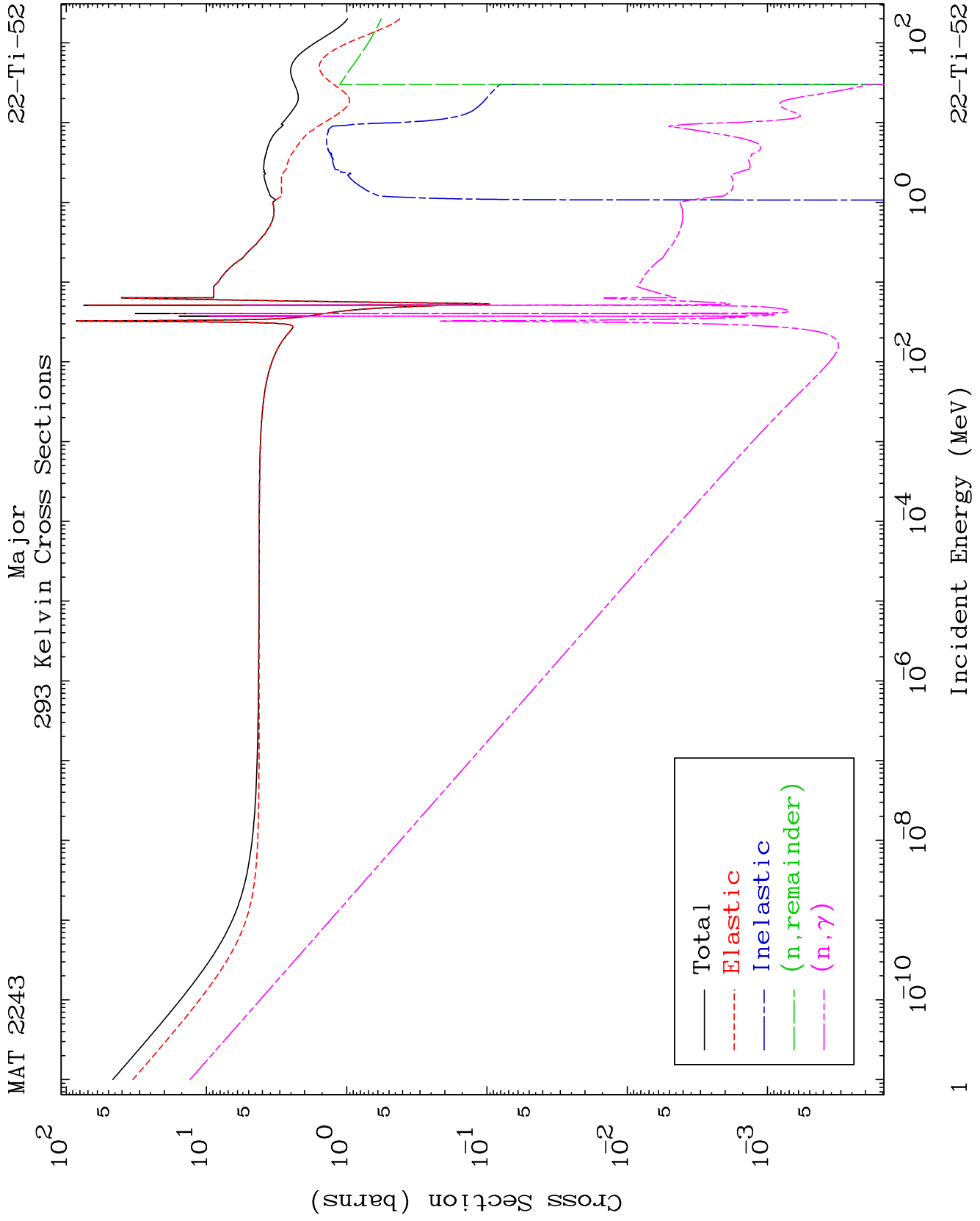
Dermott E. Cullen
(Present Contact Information)

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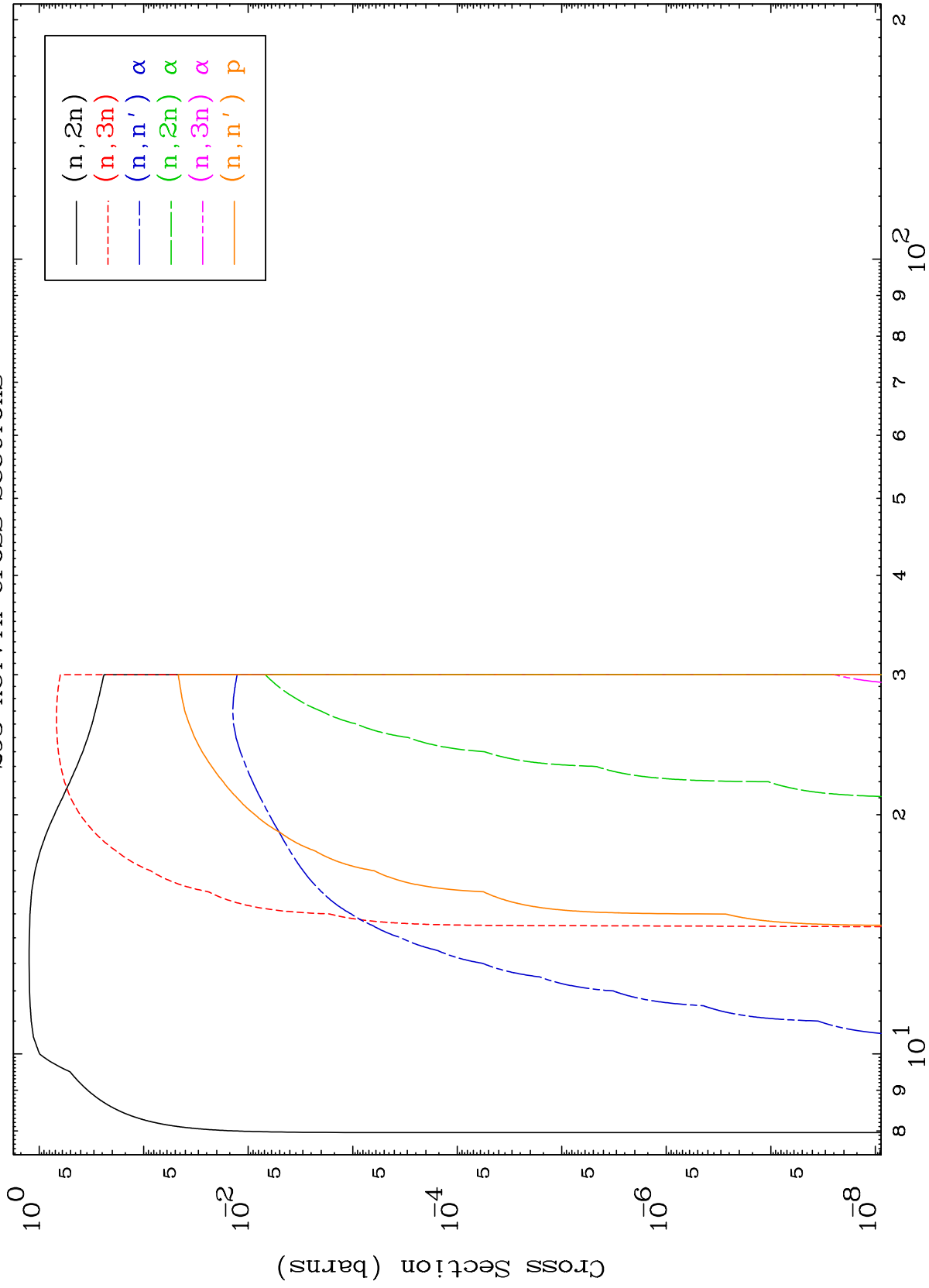
Press Mouse Button to Start



MAT 2243

Neutron Production
293 Kelvin Cross Sections

22-Ti-52



2

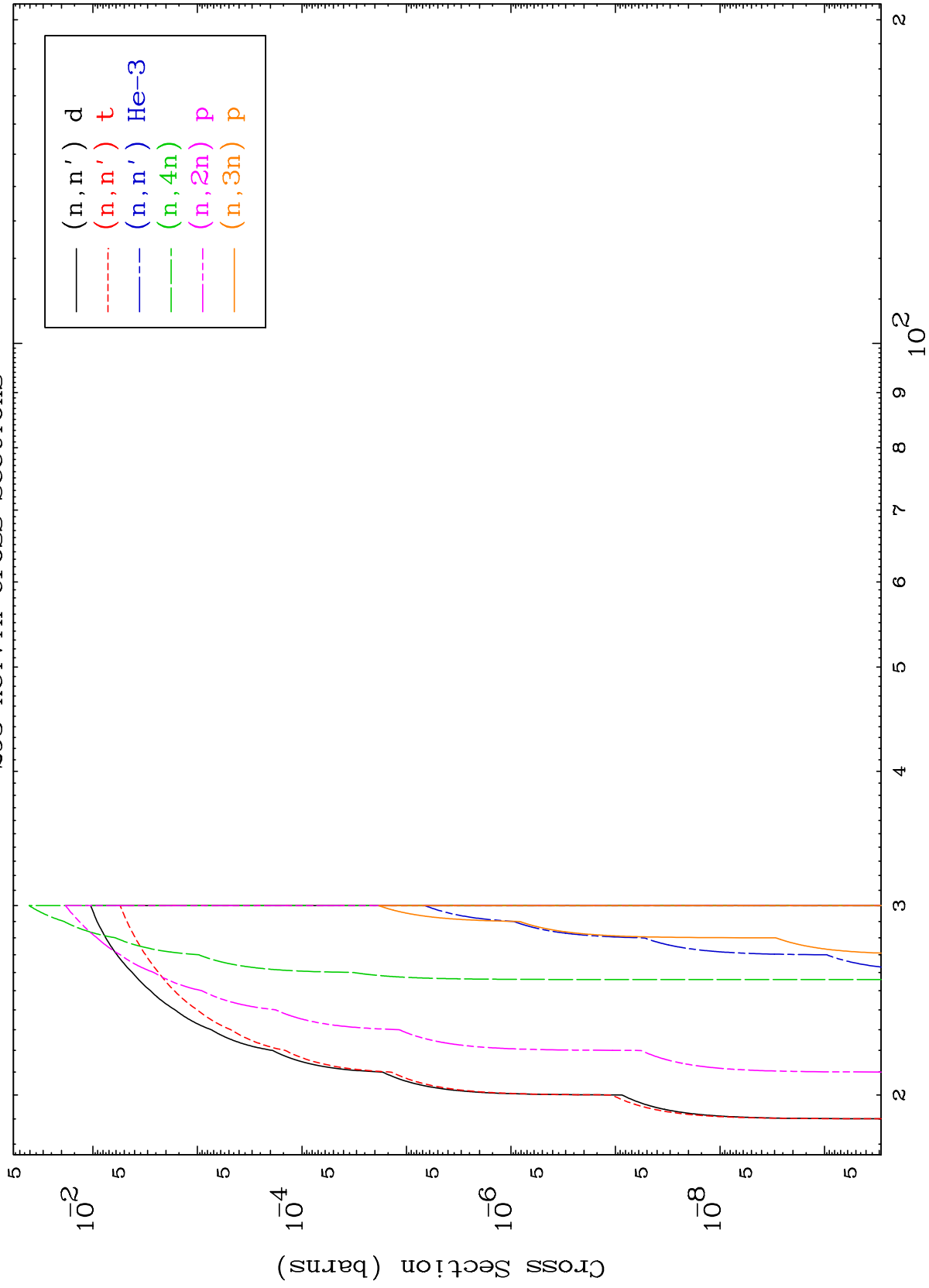
Incident Energy (MeV)

22-Ti-52

MAT 2243

Neutron Production
293 Kelvin Cross Sections

22-Ti-52



3

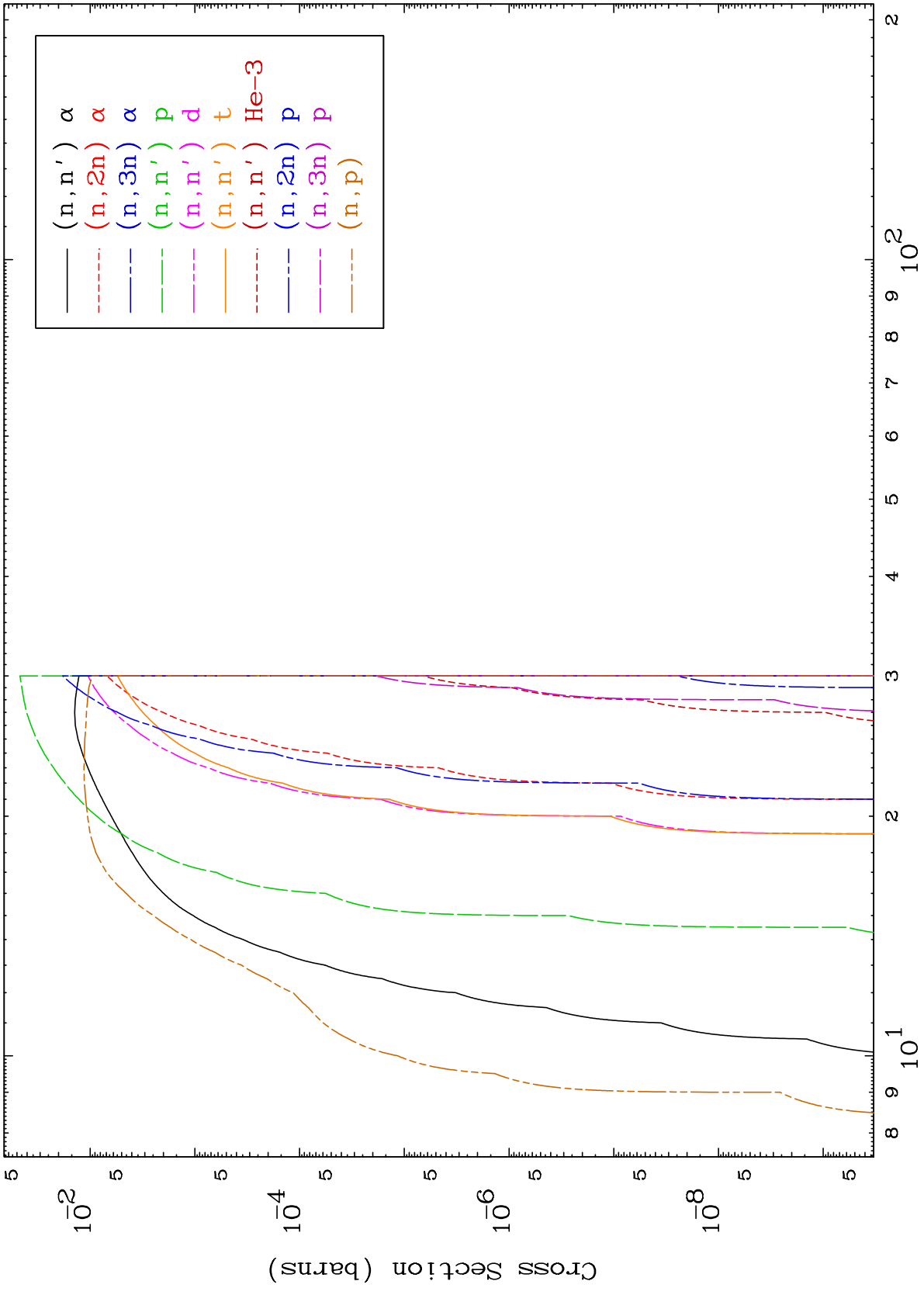
Incident Energy (MeV)

22-Ti-52

MAT 2243

Charged Particle
293 Kelvin Cross Sections

22-Ti-52



4

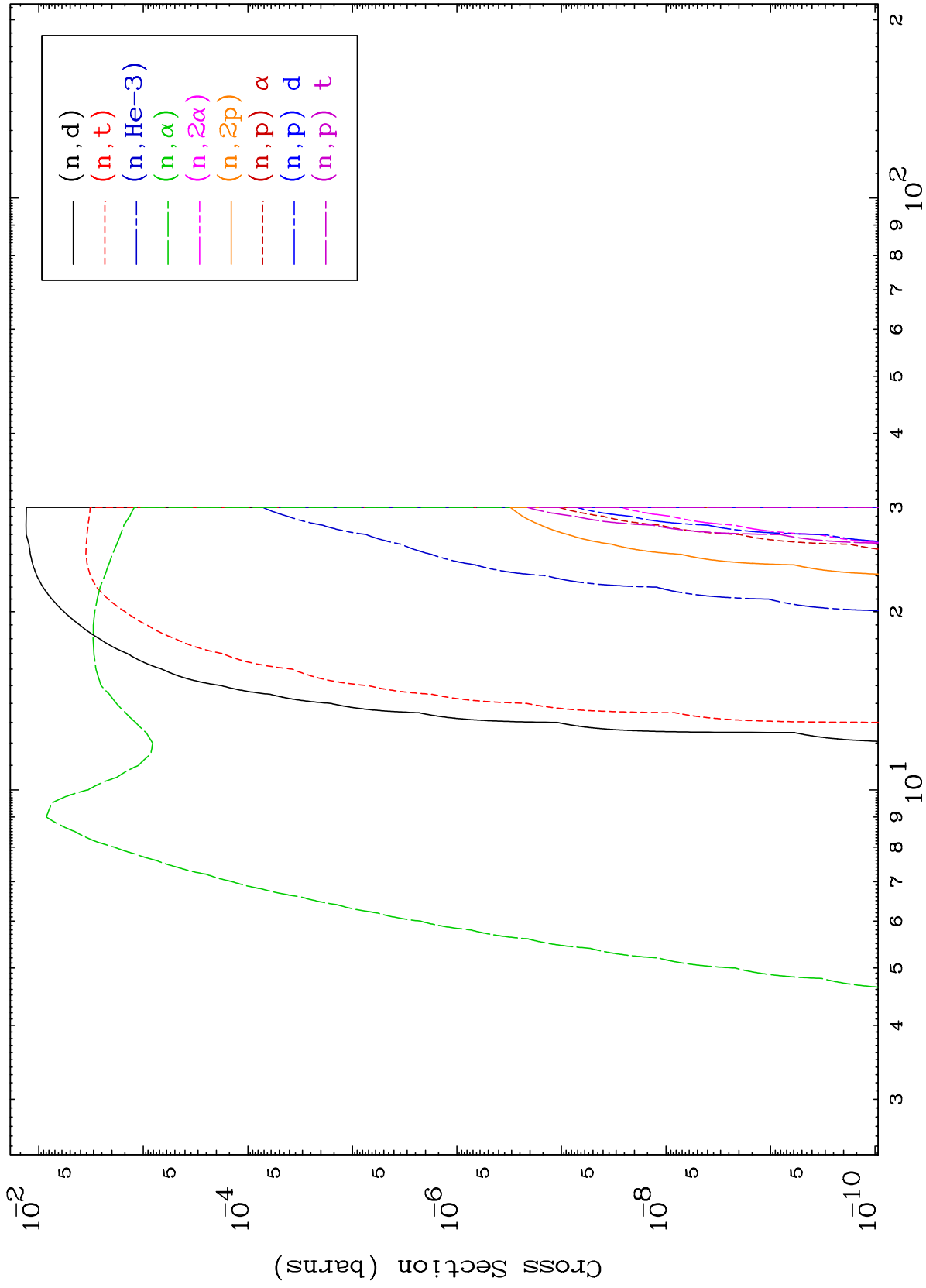
Incident Energy (MeV)

22-Ti-52

MAT 2243

Charged Particle
293 Kelvin Cross Sections

22-Ti-52



5

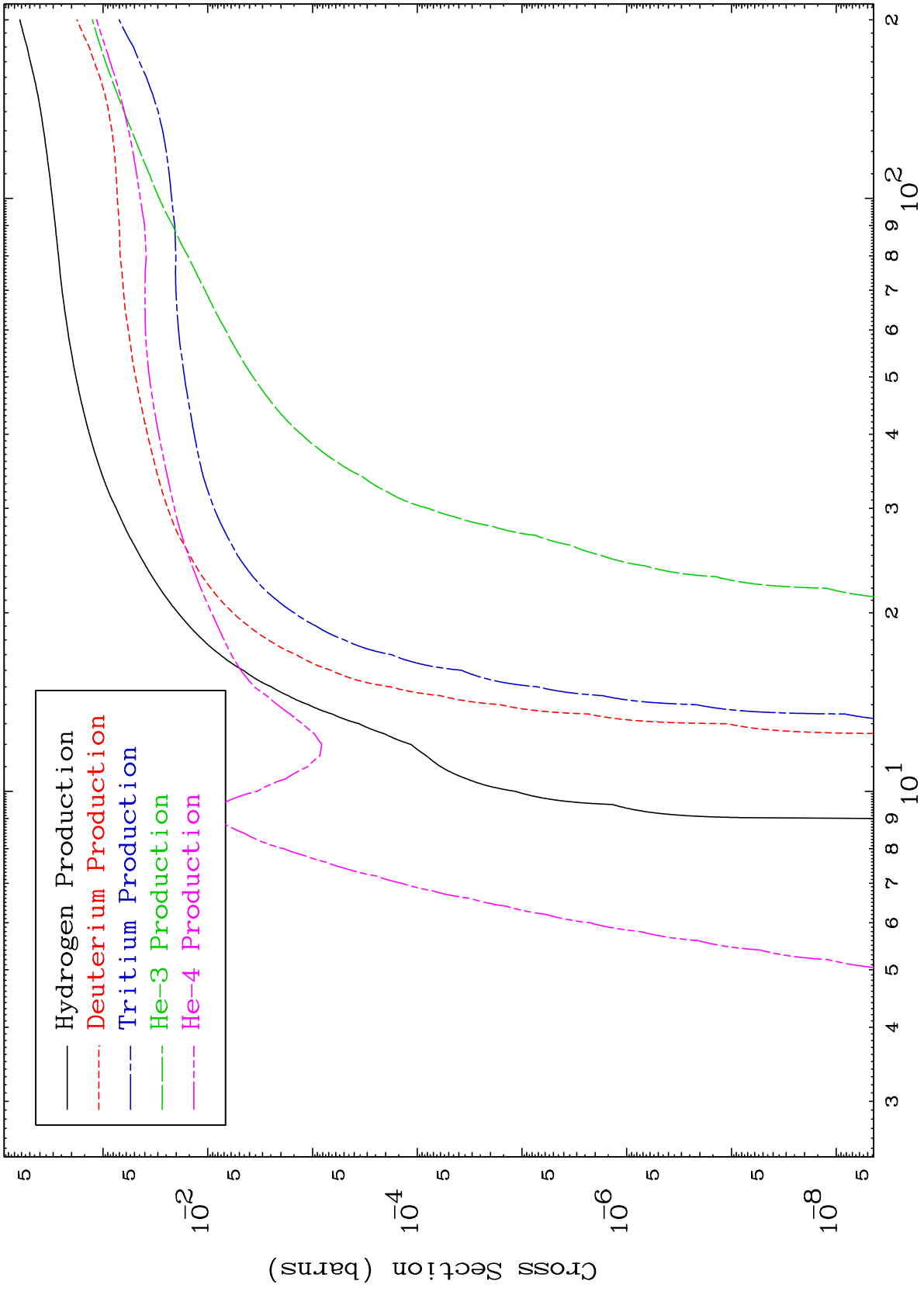
Incident Energy (MeV)

22-Ti-52

MAT 2243

Particle Production
293 Kelvin Cross Sections

22-Ti-52



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Incident Energy (MeV)

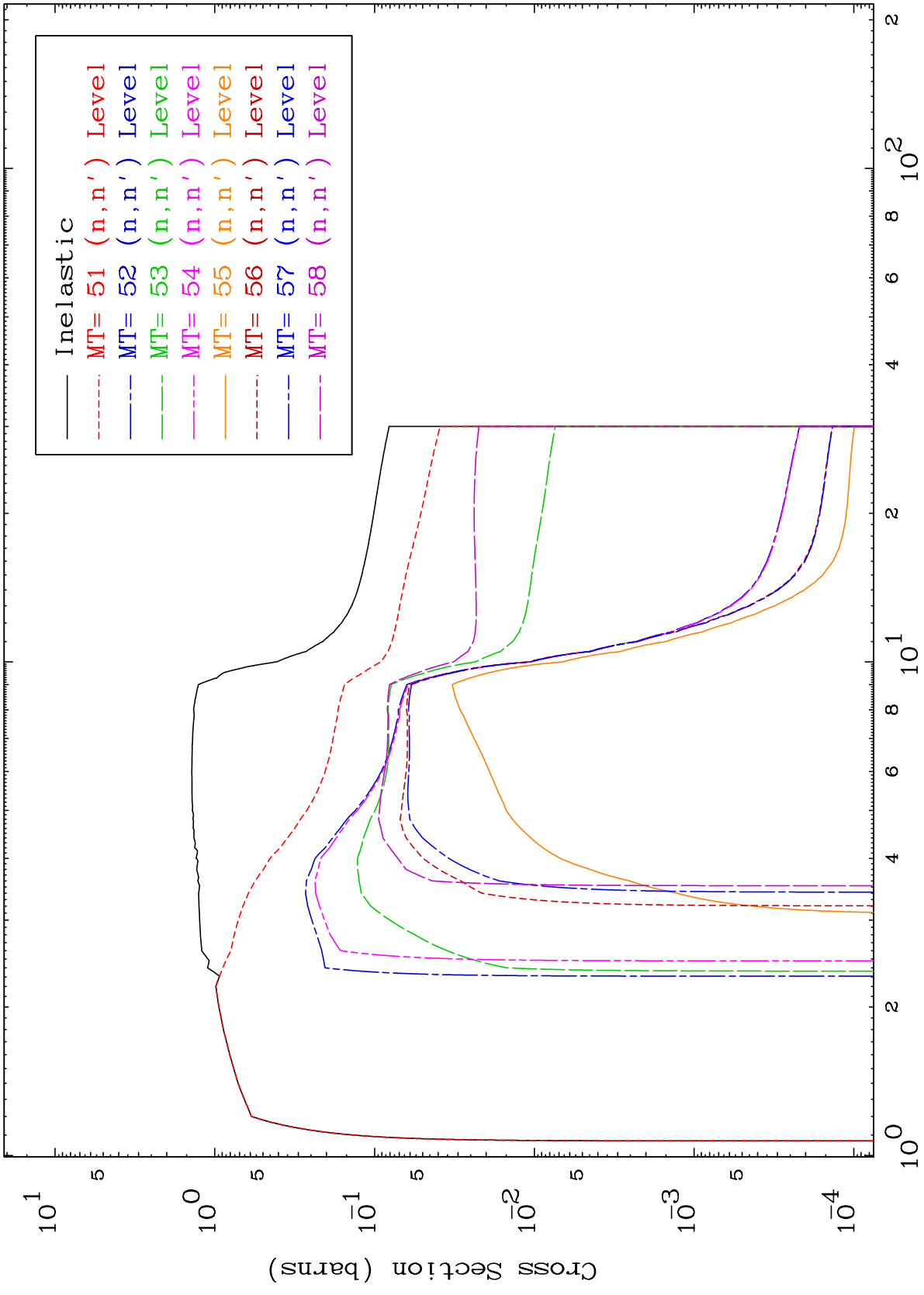
22-Ti-52

MAT 2243

(n,n') Level

22-Ti-52

293 Kelvin Cross Sections



Incident Energy (MeV)

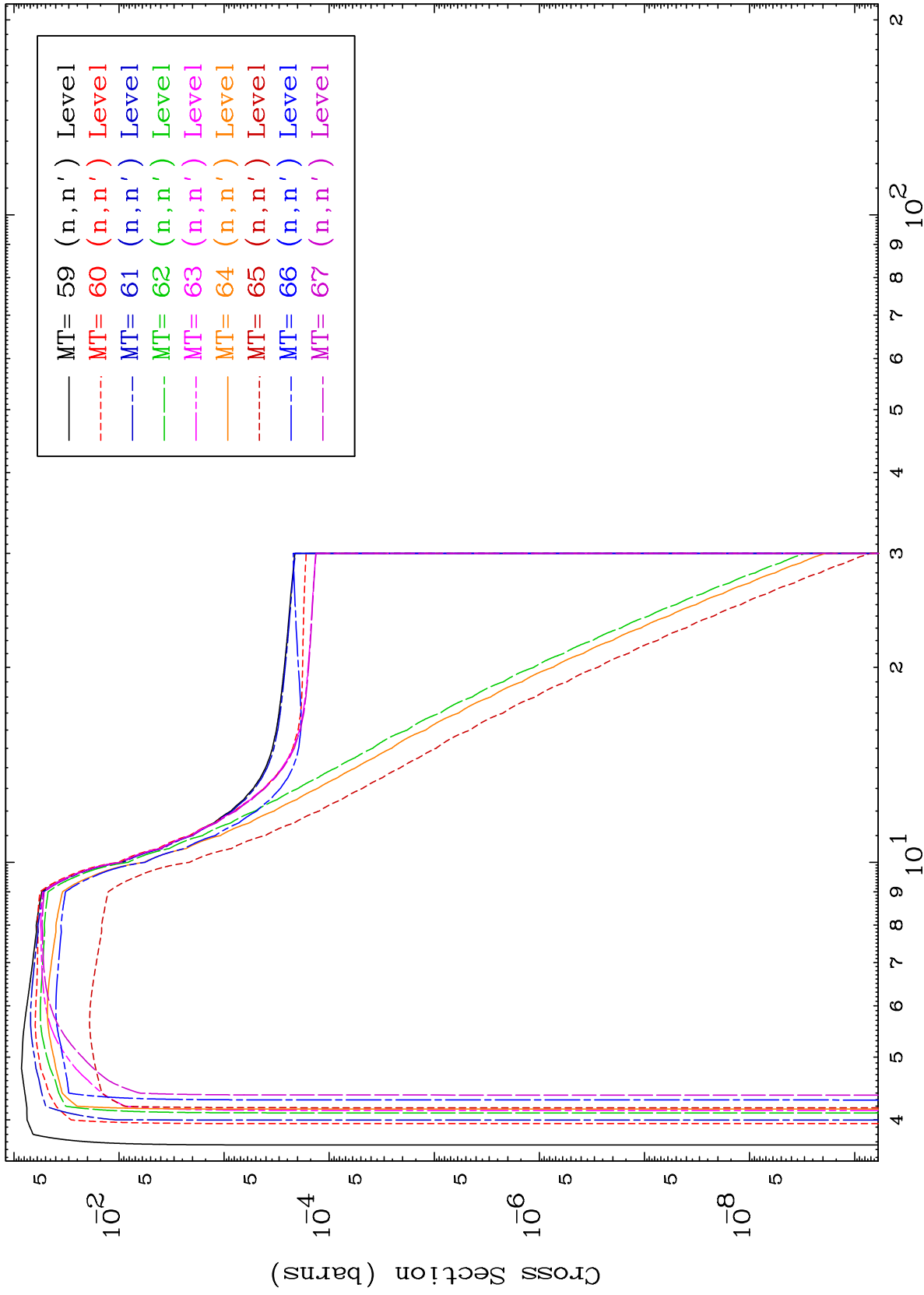
22-Ti-52

MAT 2243

(n,n') Level

22-Ti-52

293 Kelvin Cross Sections



8

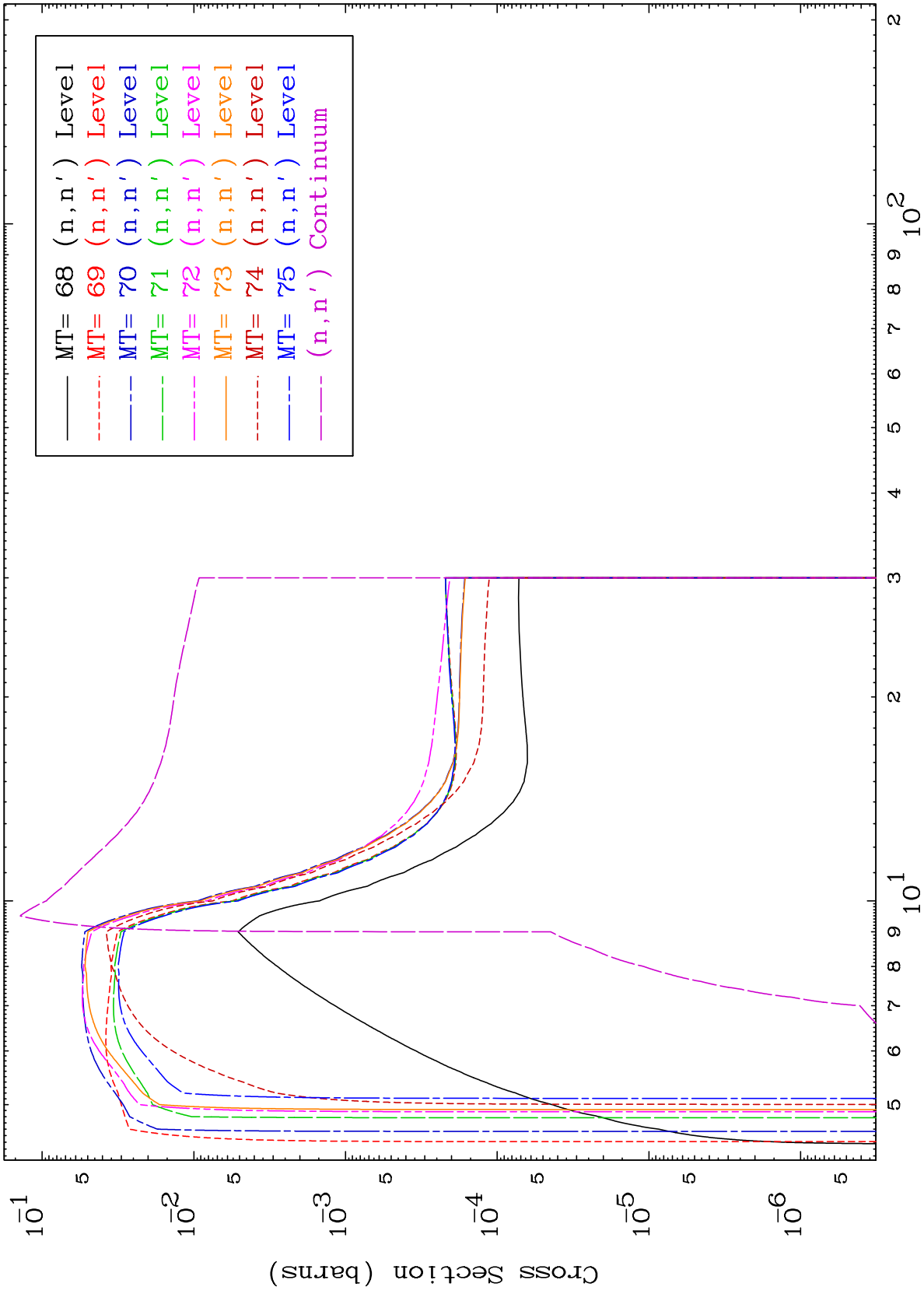
Incident Energy (MeV)

22-Ti-52

MAT 2243

(n,n') Level
293 Kelvin Cross Sections

22-Ti-52



9

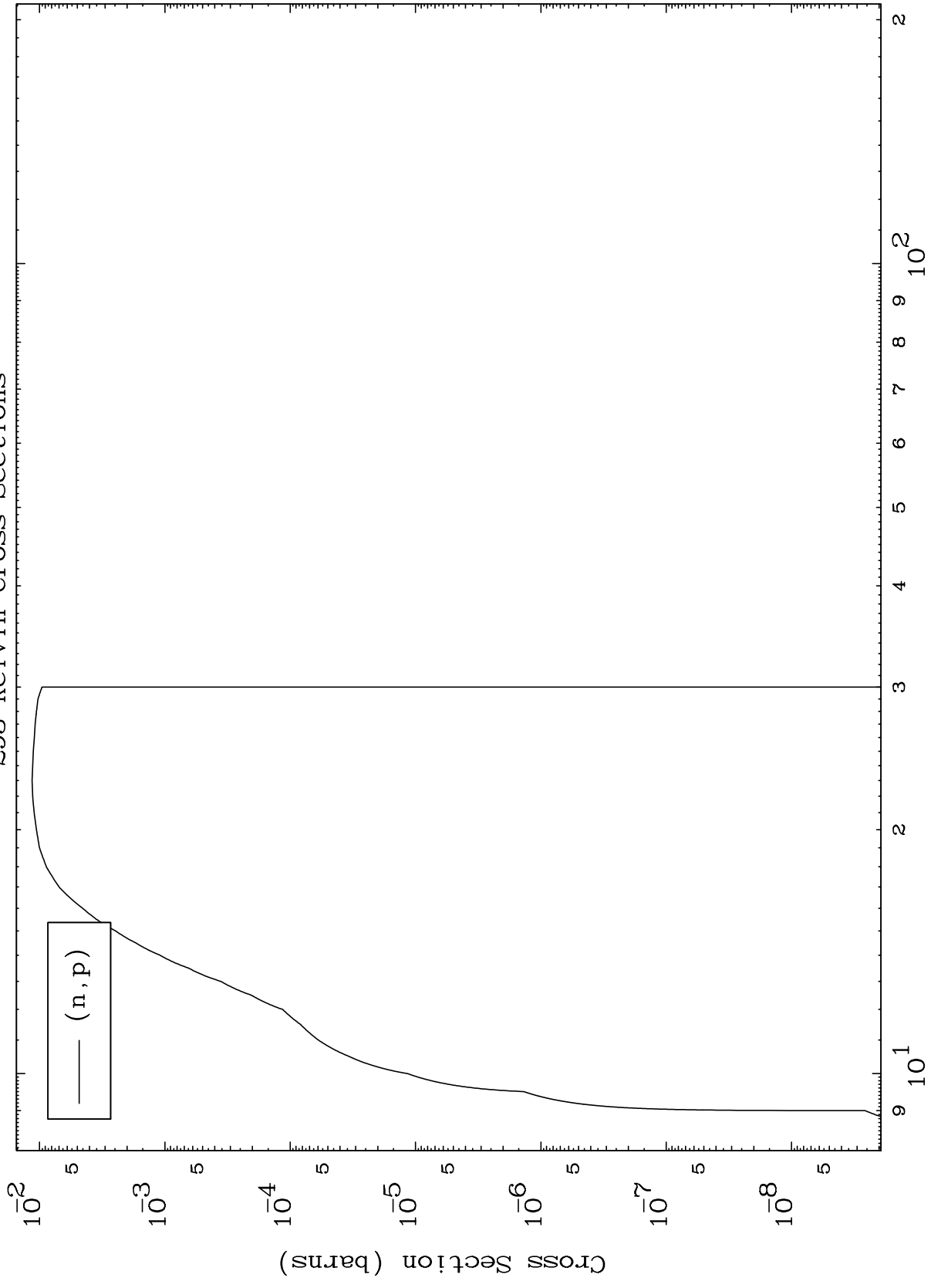
Incident Energy (MeV)

22-Ti-52

MAT 2243

(n,p) Levels
293 Kelvin Cross Sections

22-Ti-52



10

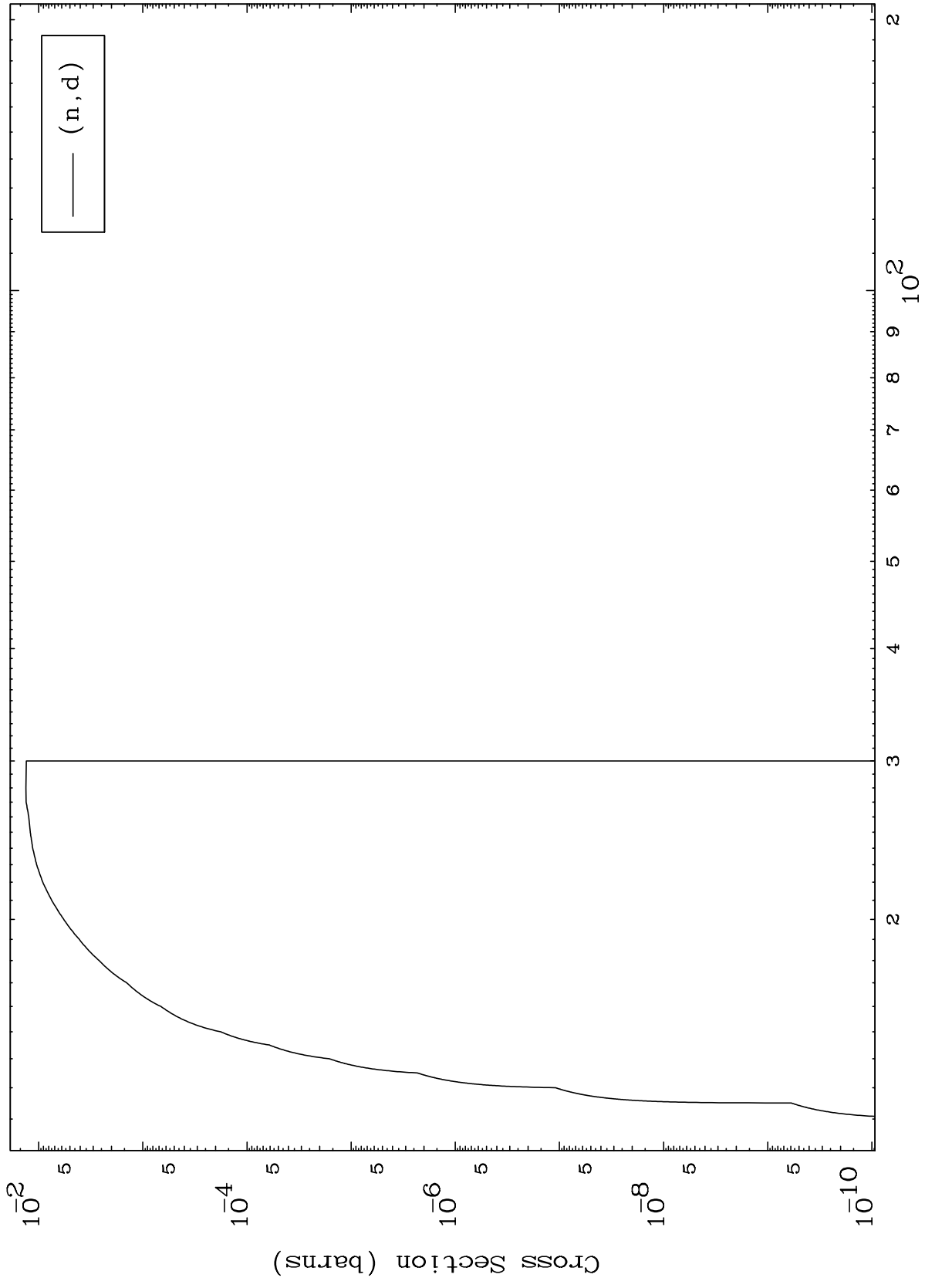
Incident Energy (MeV)

22-Ti-52

MAT 2243

(n,d) Levels
293 Kelvin Cross Sections

22-Ti-52



11

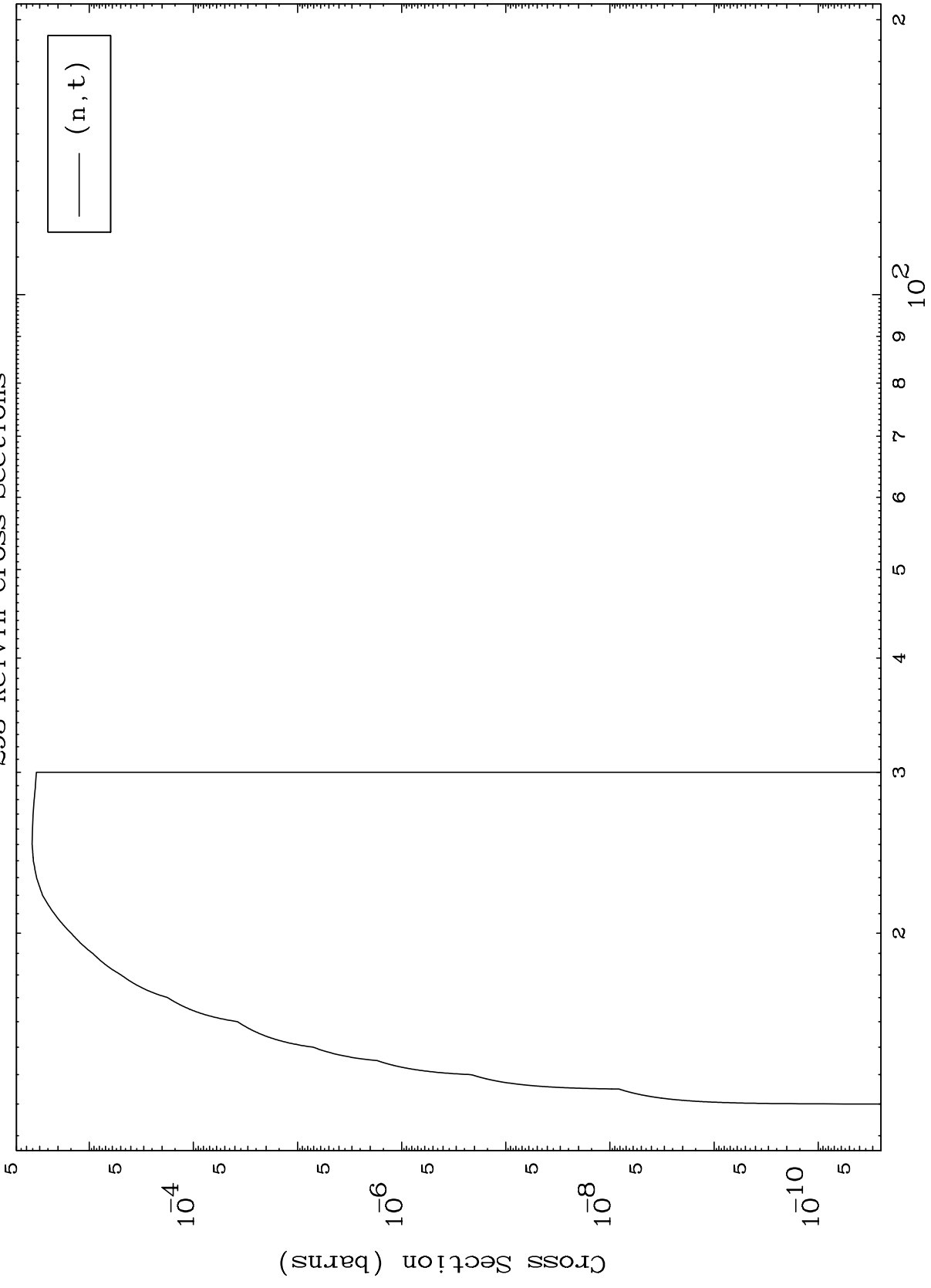
Incident Energy (MeV)

22-Ti-52

MAT 2243

(n,t) Levels
293 Kelvin Cross Sections

22-Ti-52



12

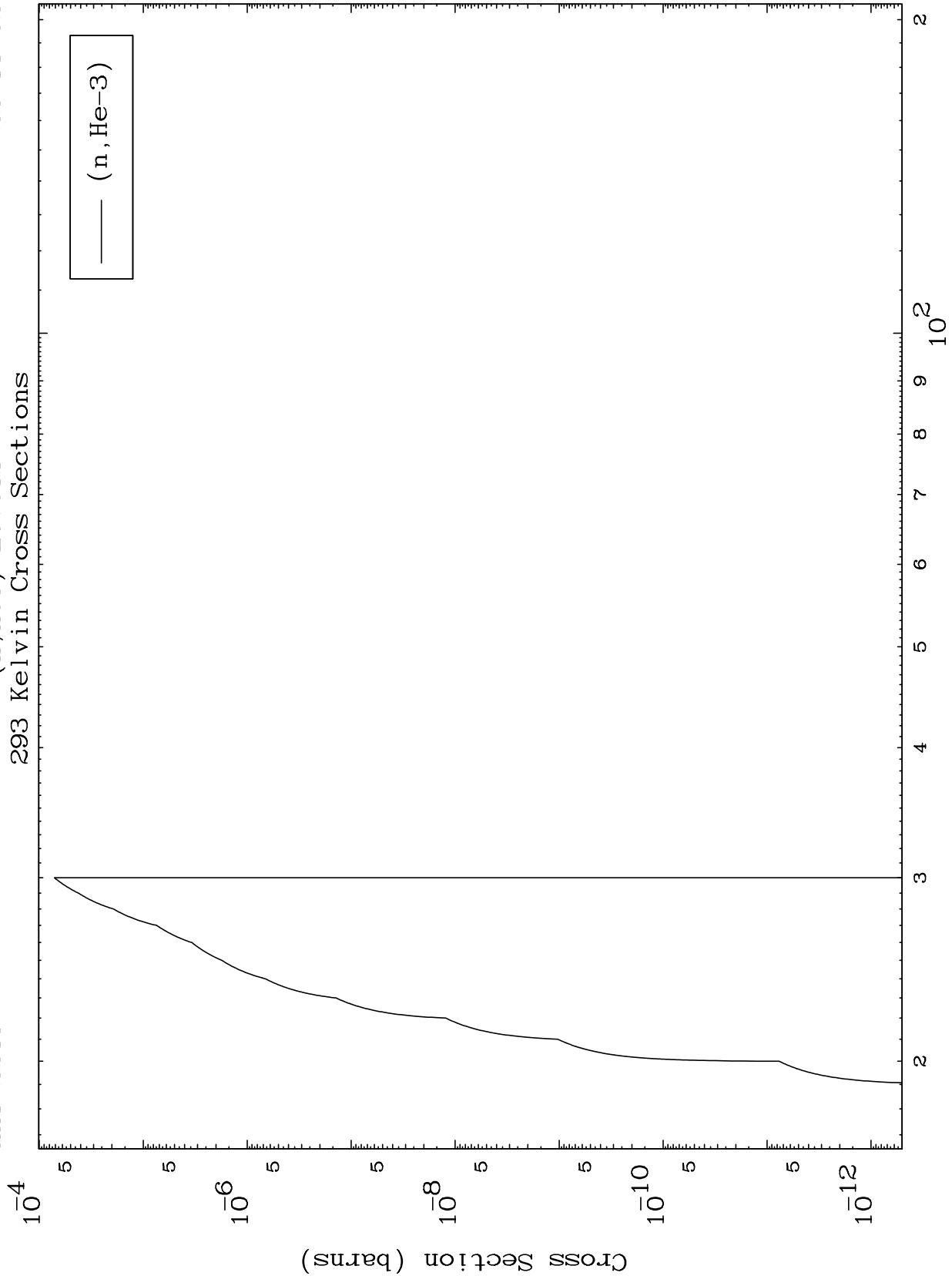
Incident Energy (MeV)

22-Ti-52

MAT 2243

(n,He3) Levels
293 Kelvin Cross Sections

22-Ti-52



13

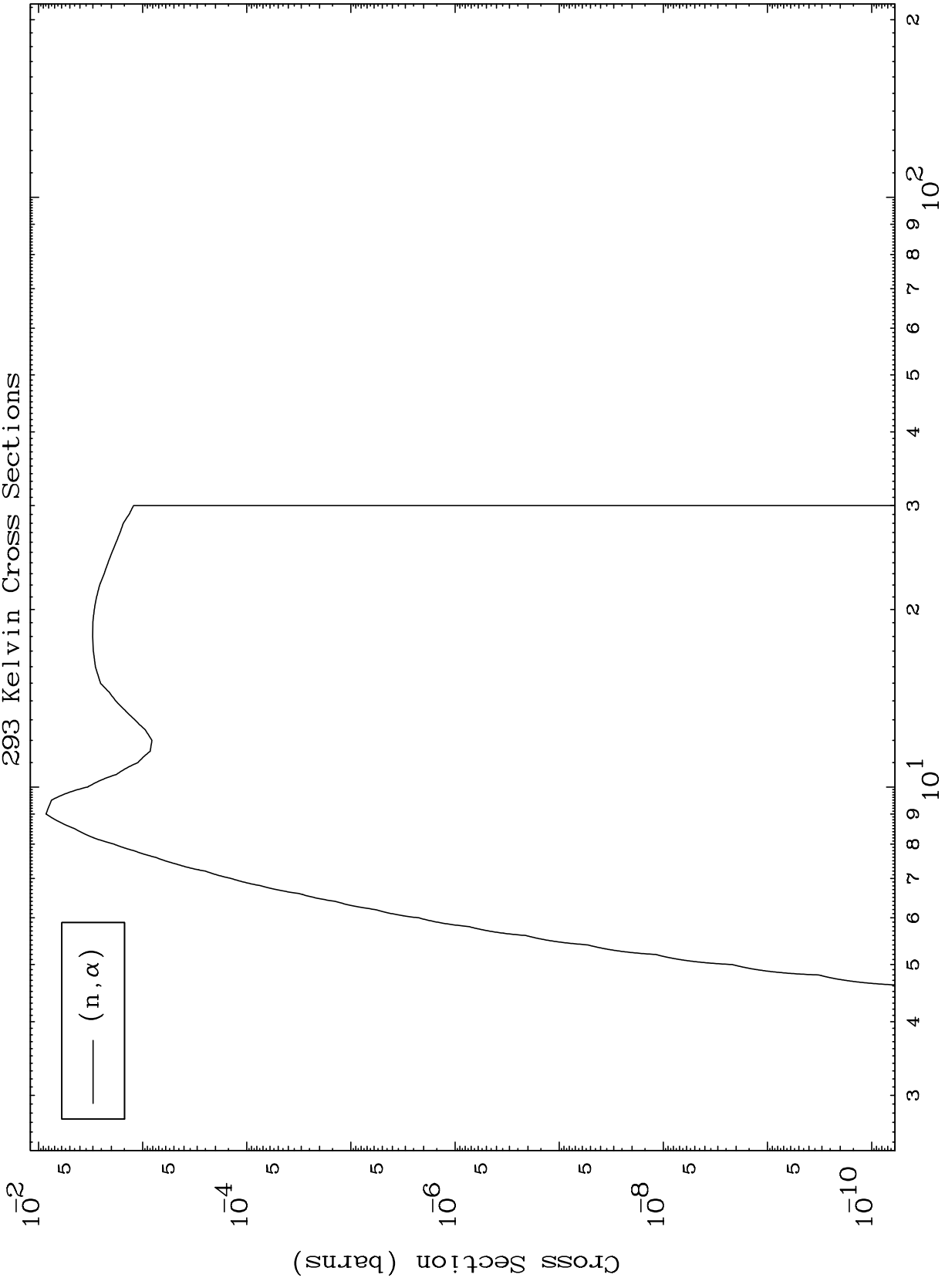
Incident Energy (MeV)

22-Ti-52

MAT 2243

(n,α) Levels
293 Kelvin Cross Sections

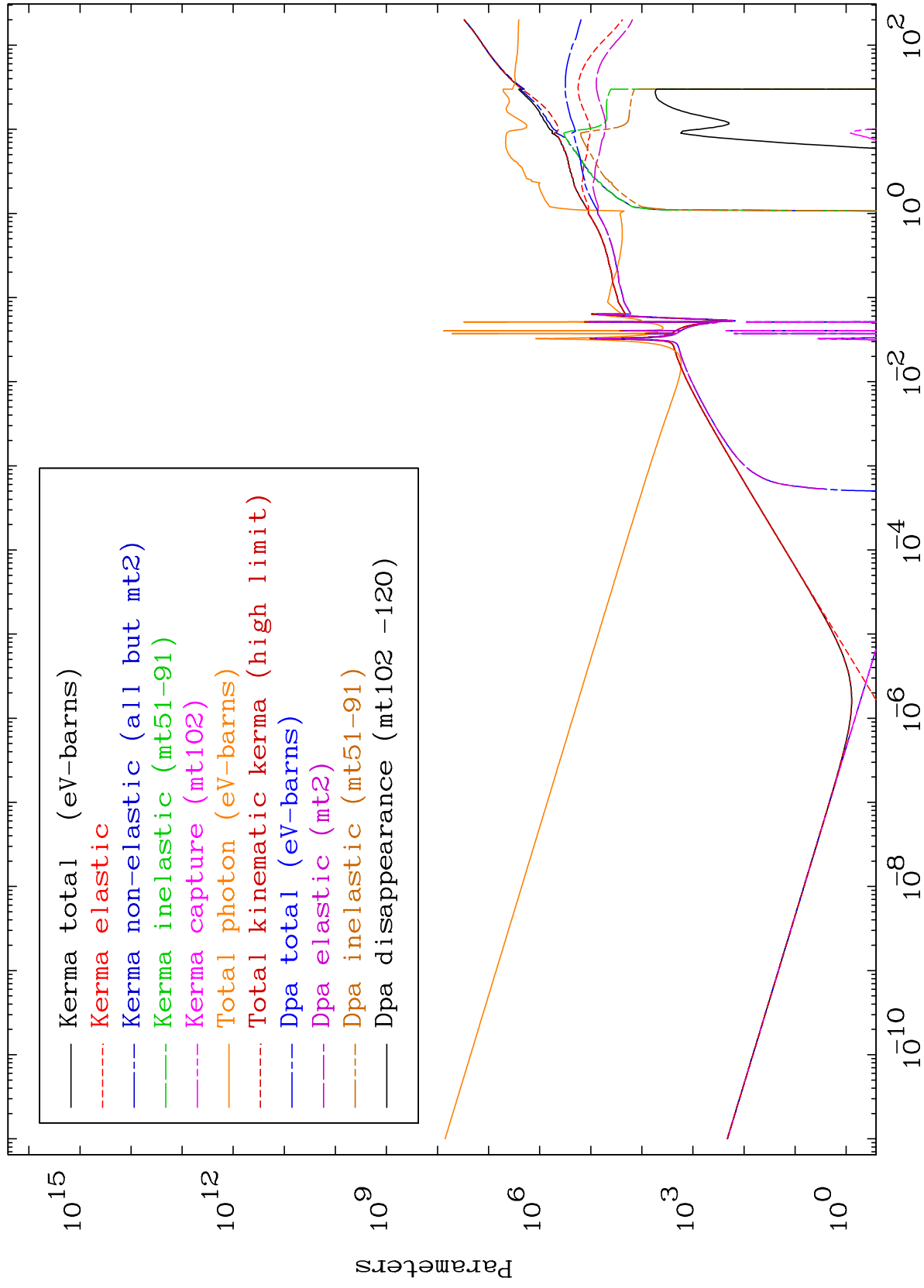
22-Ti-52



14

Incident Energy (MeV)

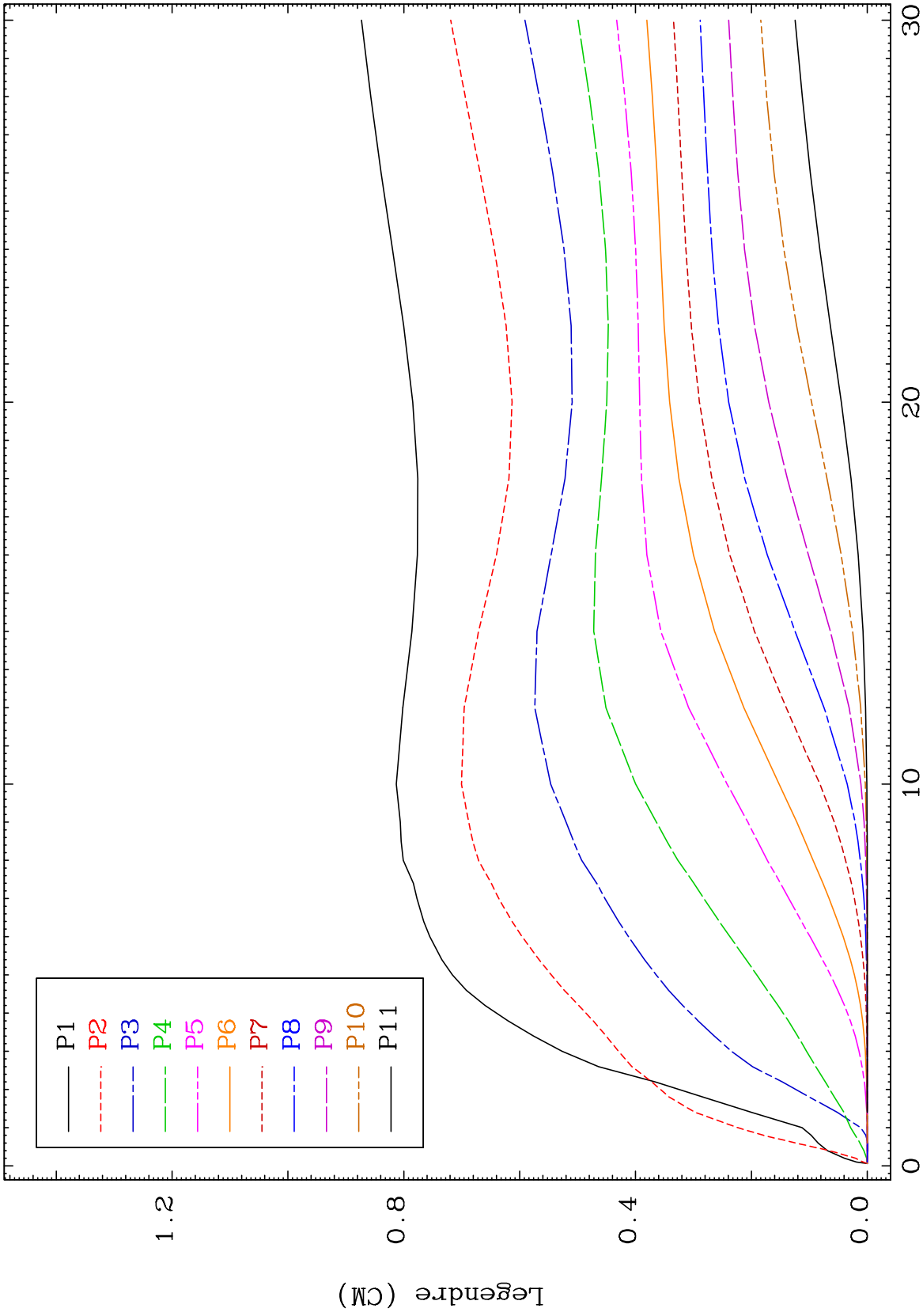
22-Ti-52



MAT 2243

Elastic Legendre Coefficients

22-Ti-52



16

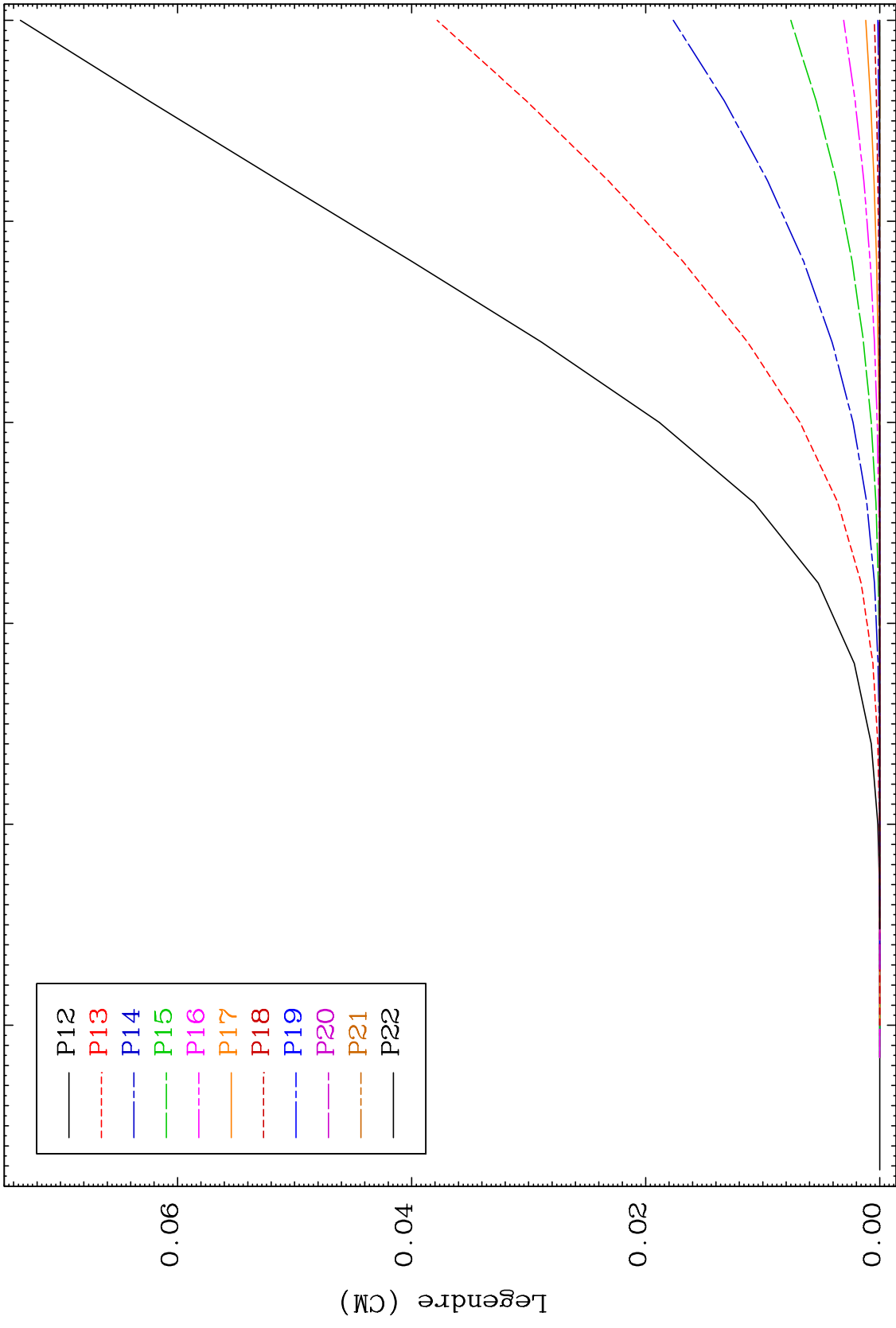
Incident Energy (MeV)

22-Ti-52

MAT 2243

Elastic Legendre Coefficients

²²Ti-52



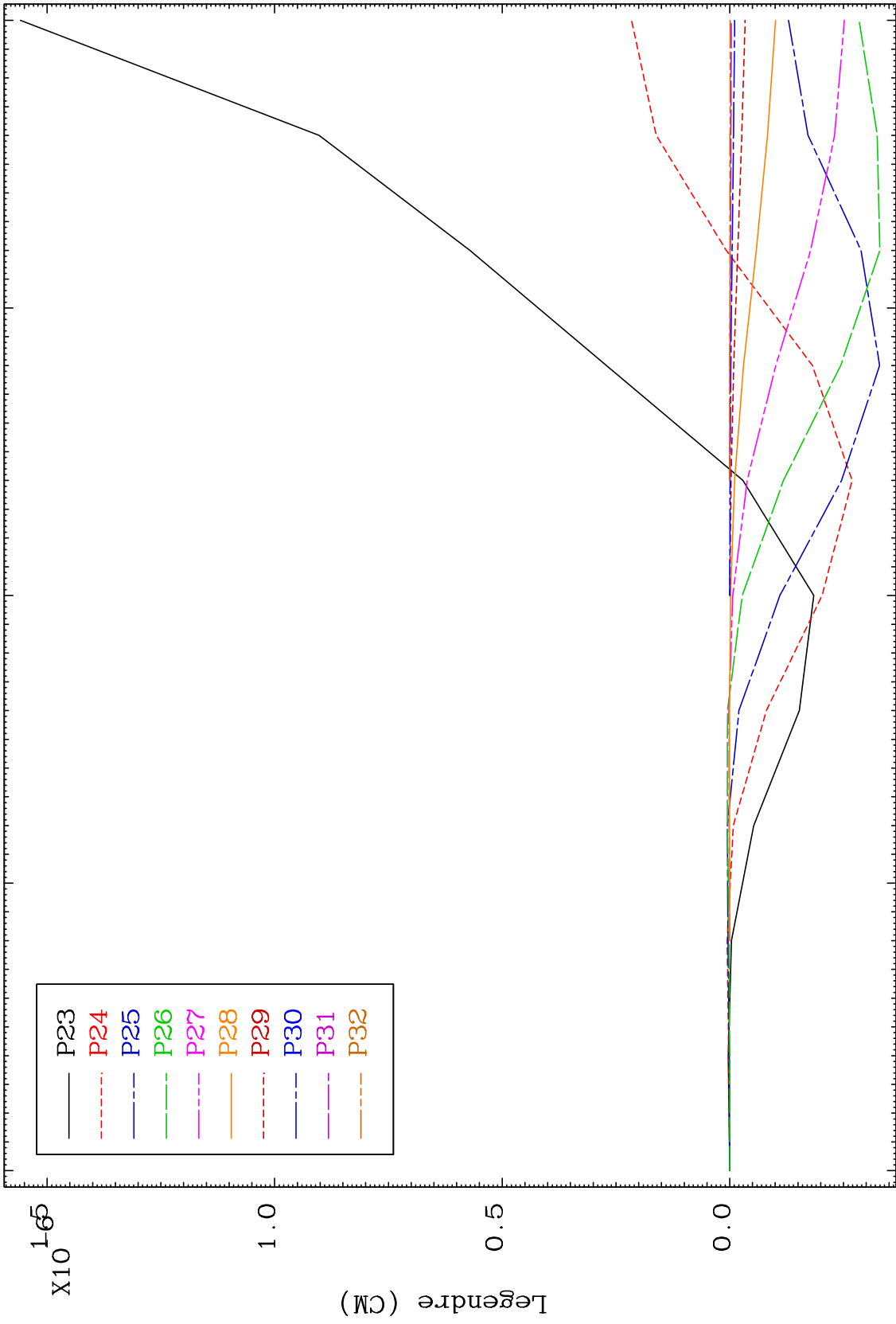
17

²²Ti-52

MAT 2243

Elastic Legendre Coefficients

²²Ti-52



18

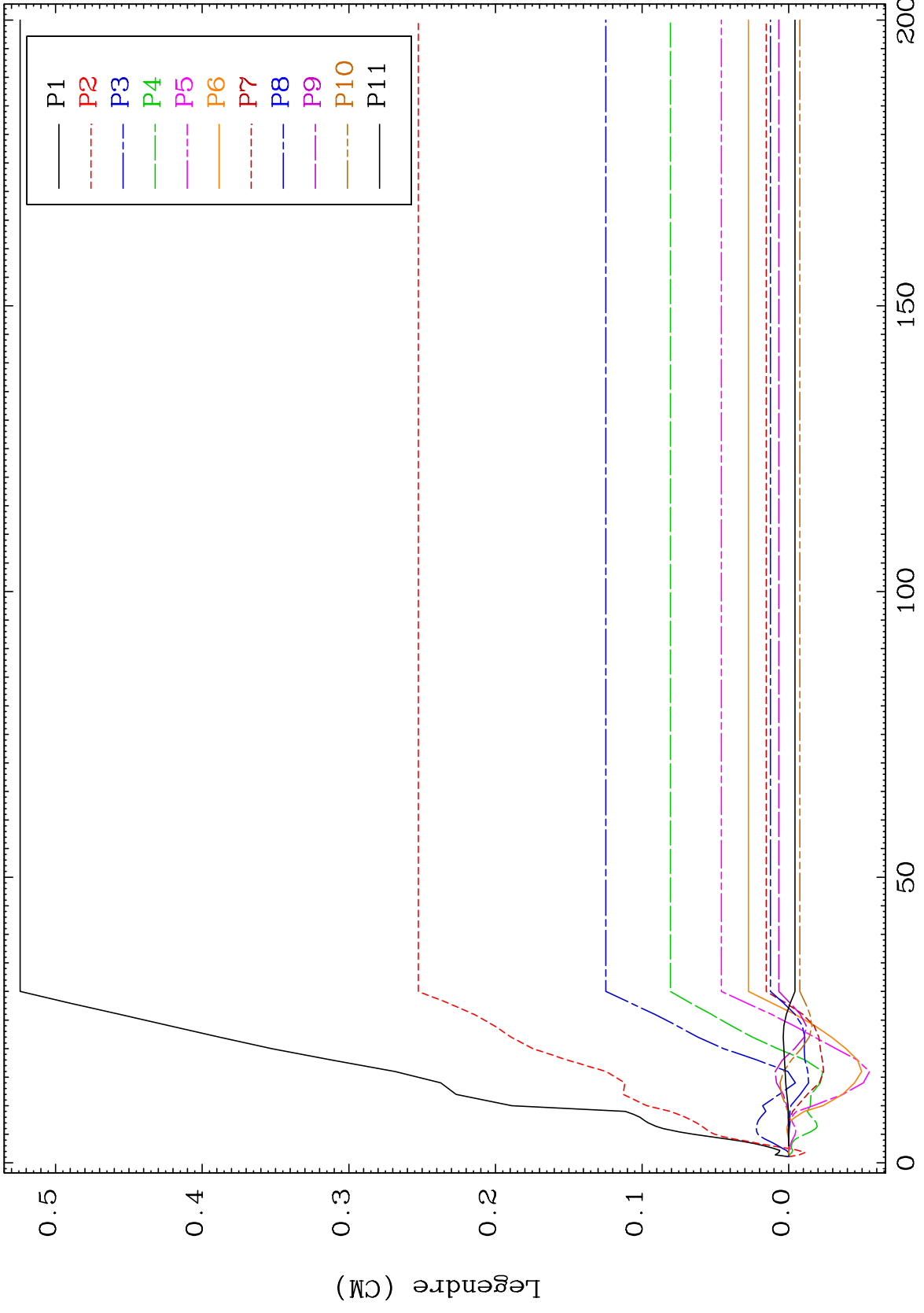
Incident Energy (MeV)

²²Ti-52

MAT 2243

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

22-Ti-52



19

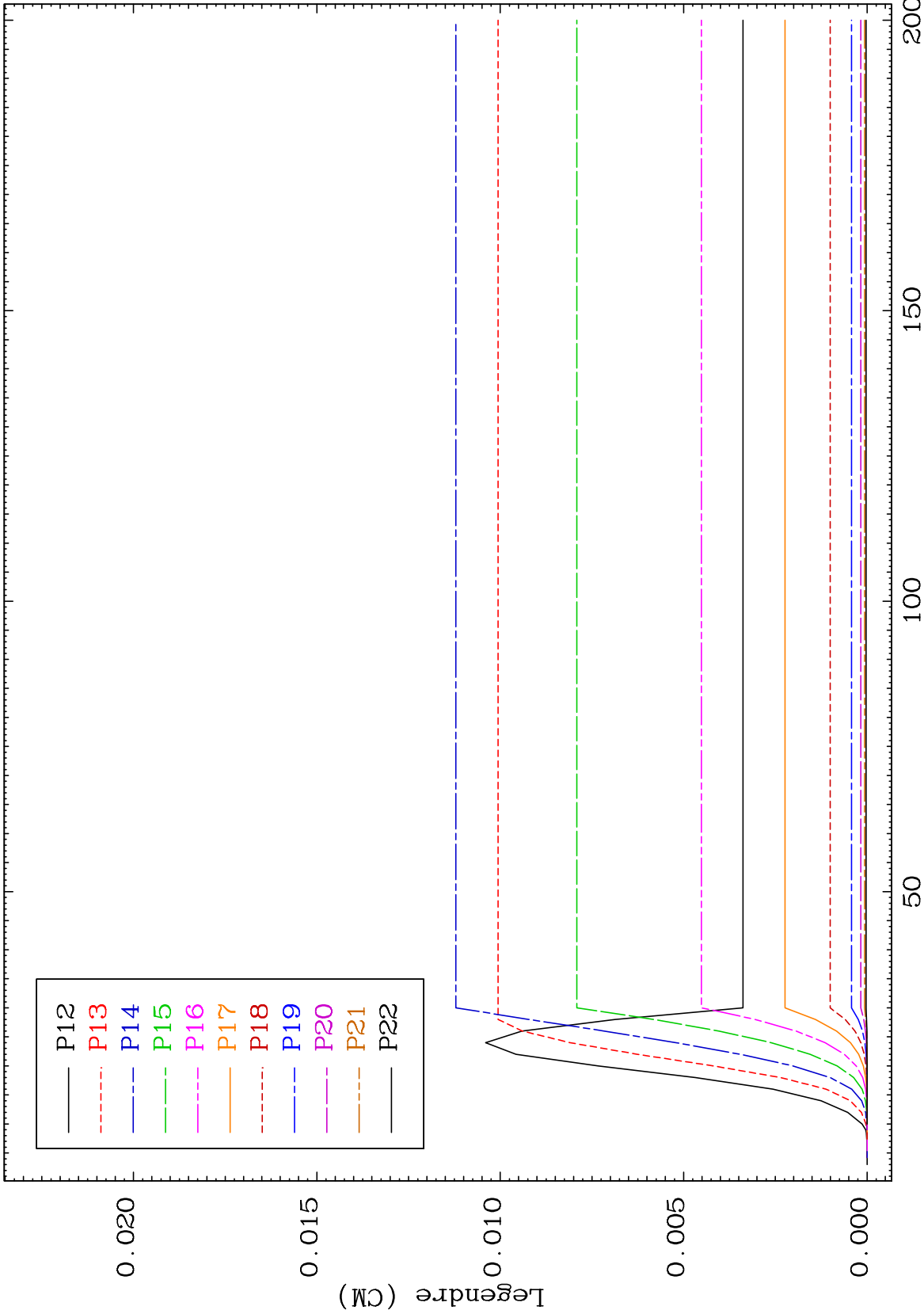
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



20

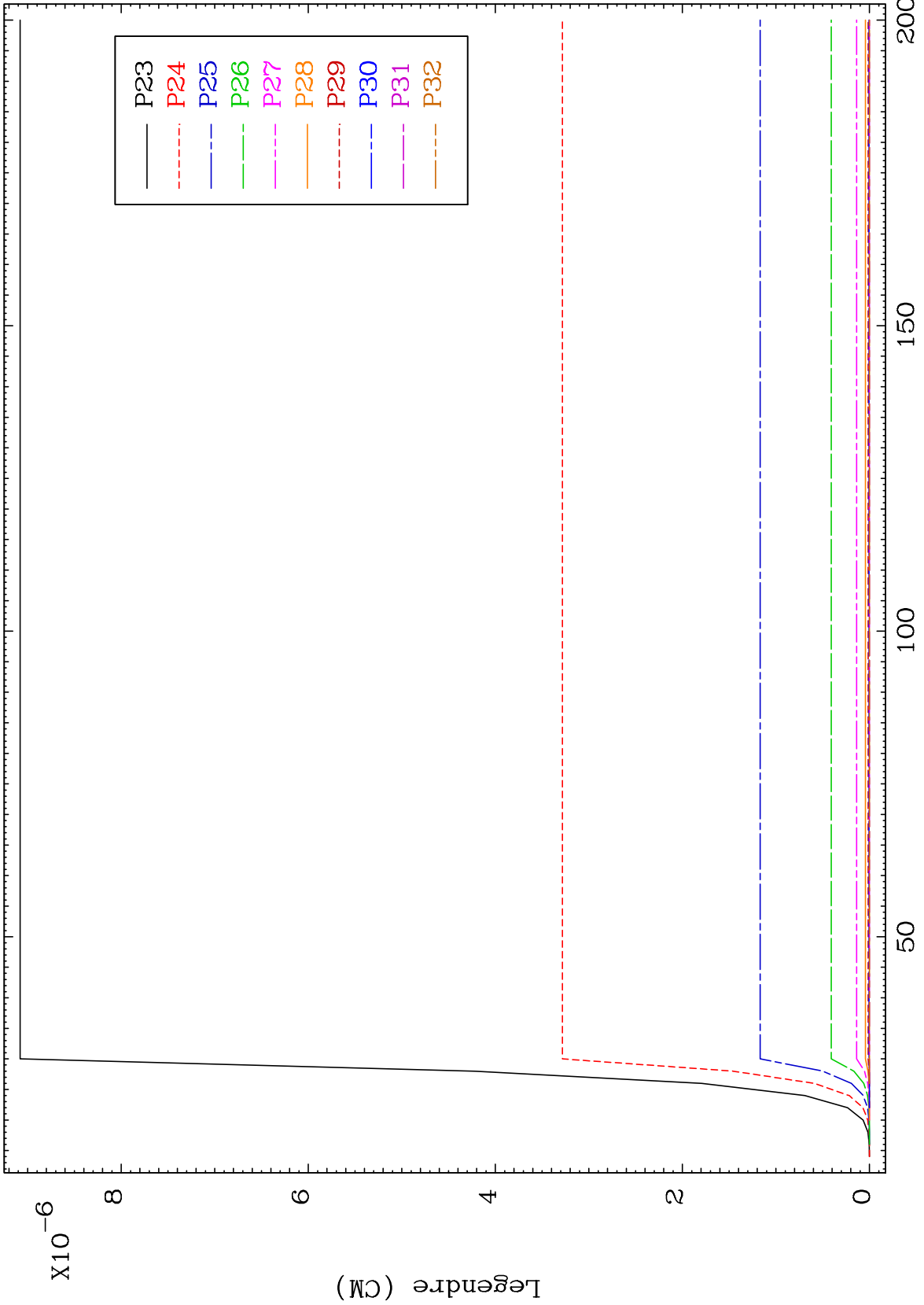
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



21

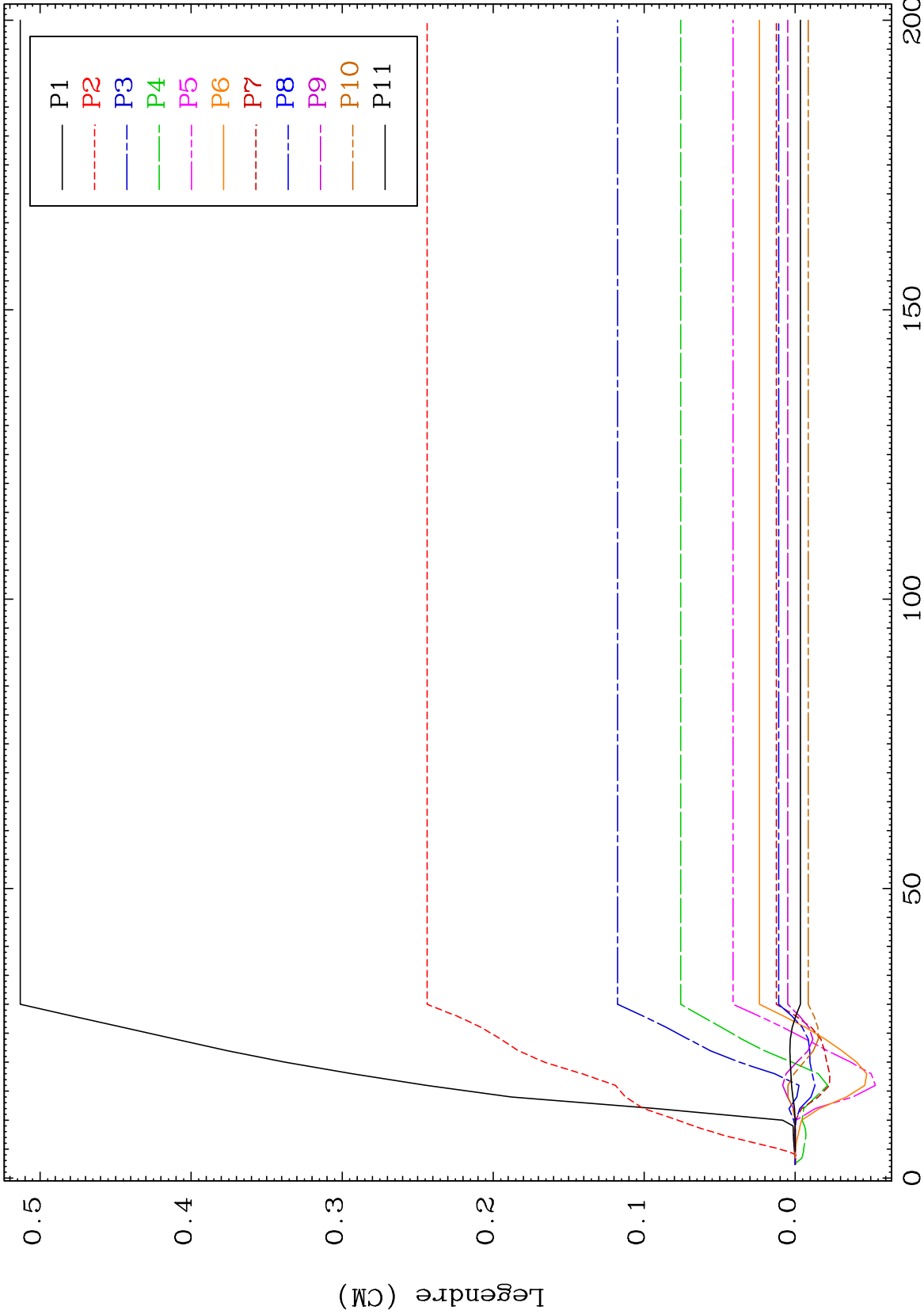
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



22

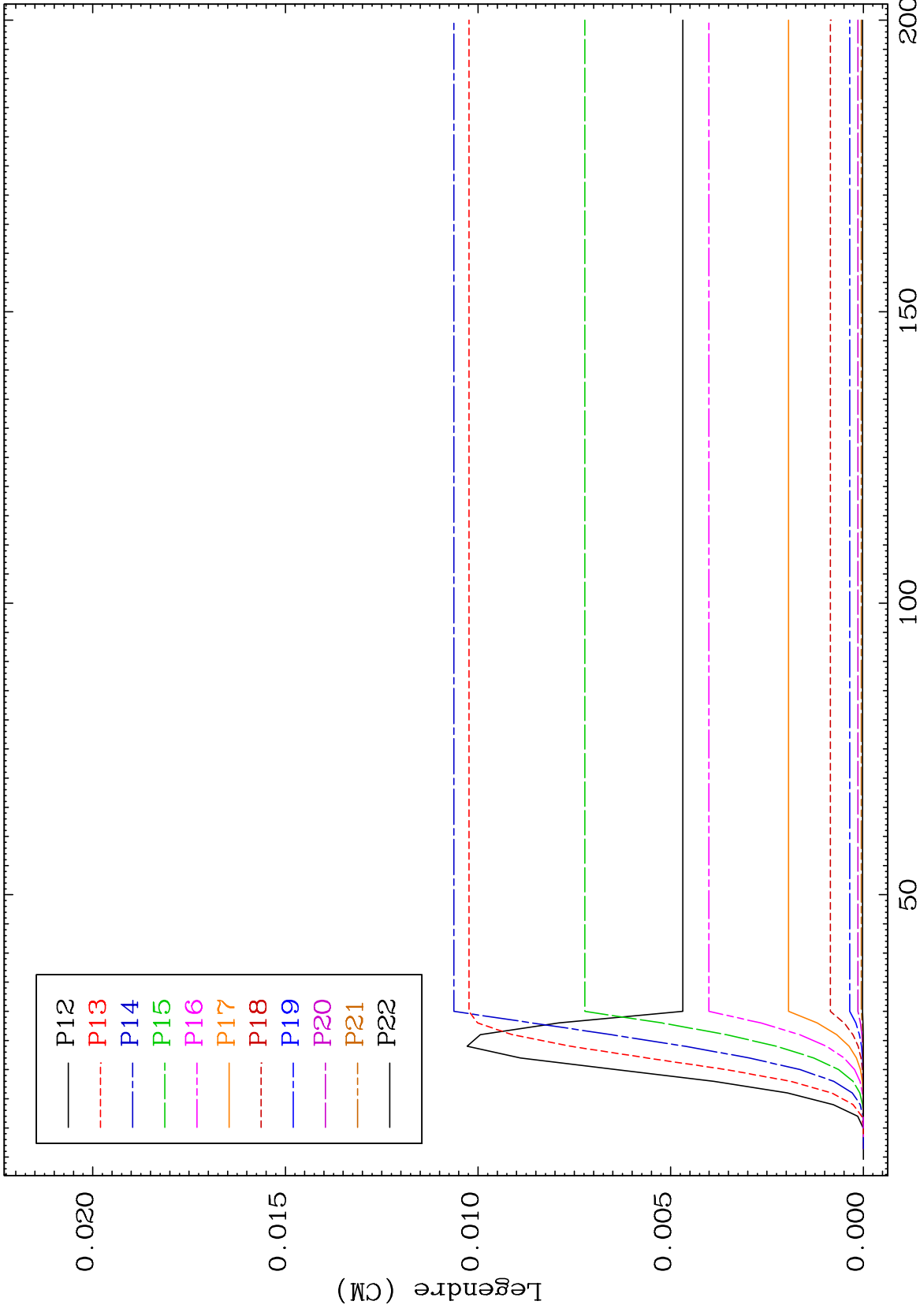
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



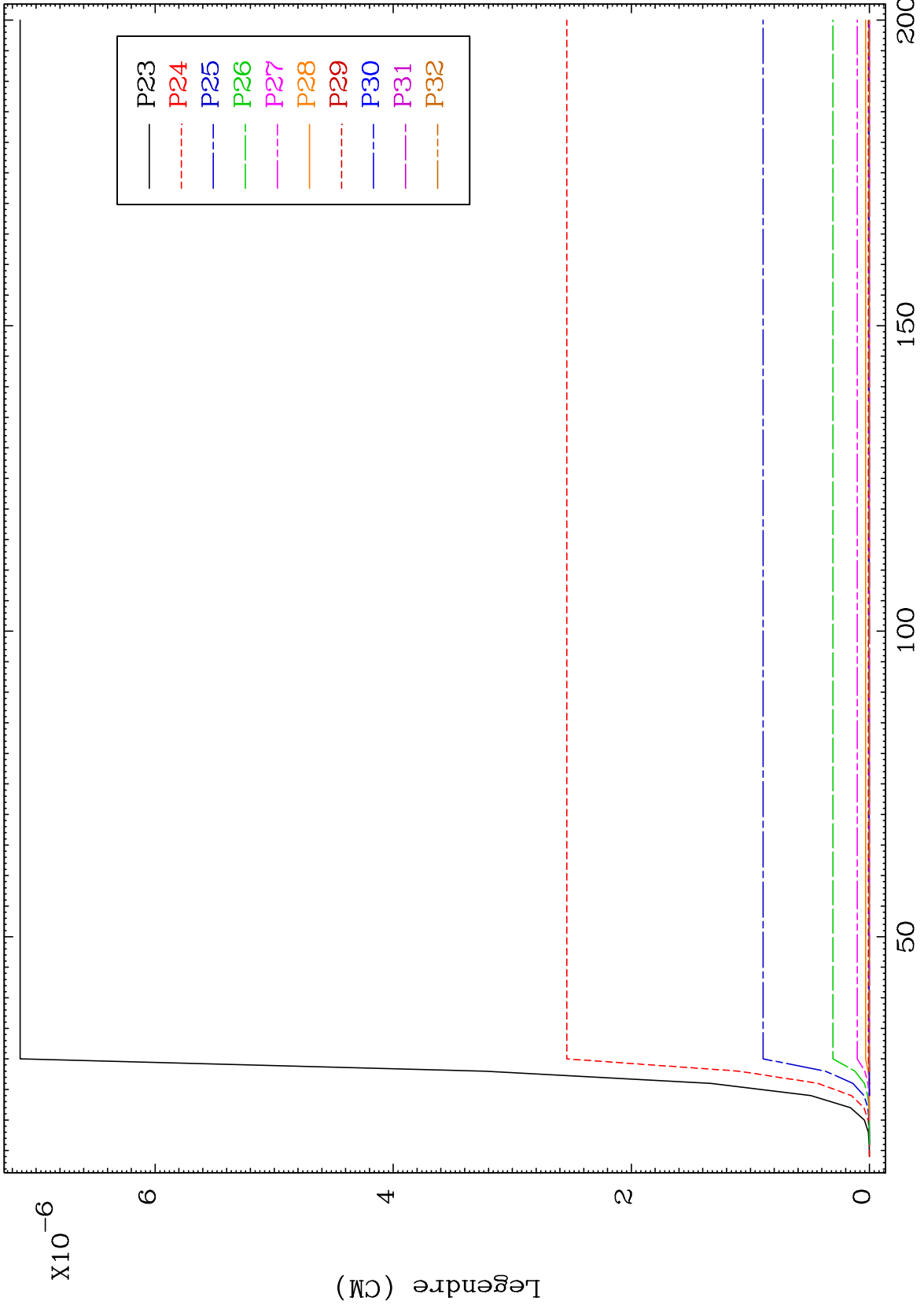
23

22-Ti-52

MAT 2243

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

22-Ti-52



24

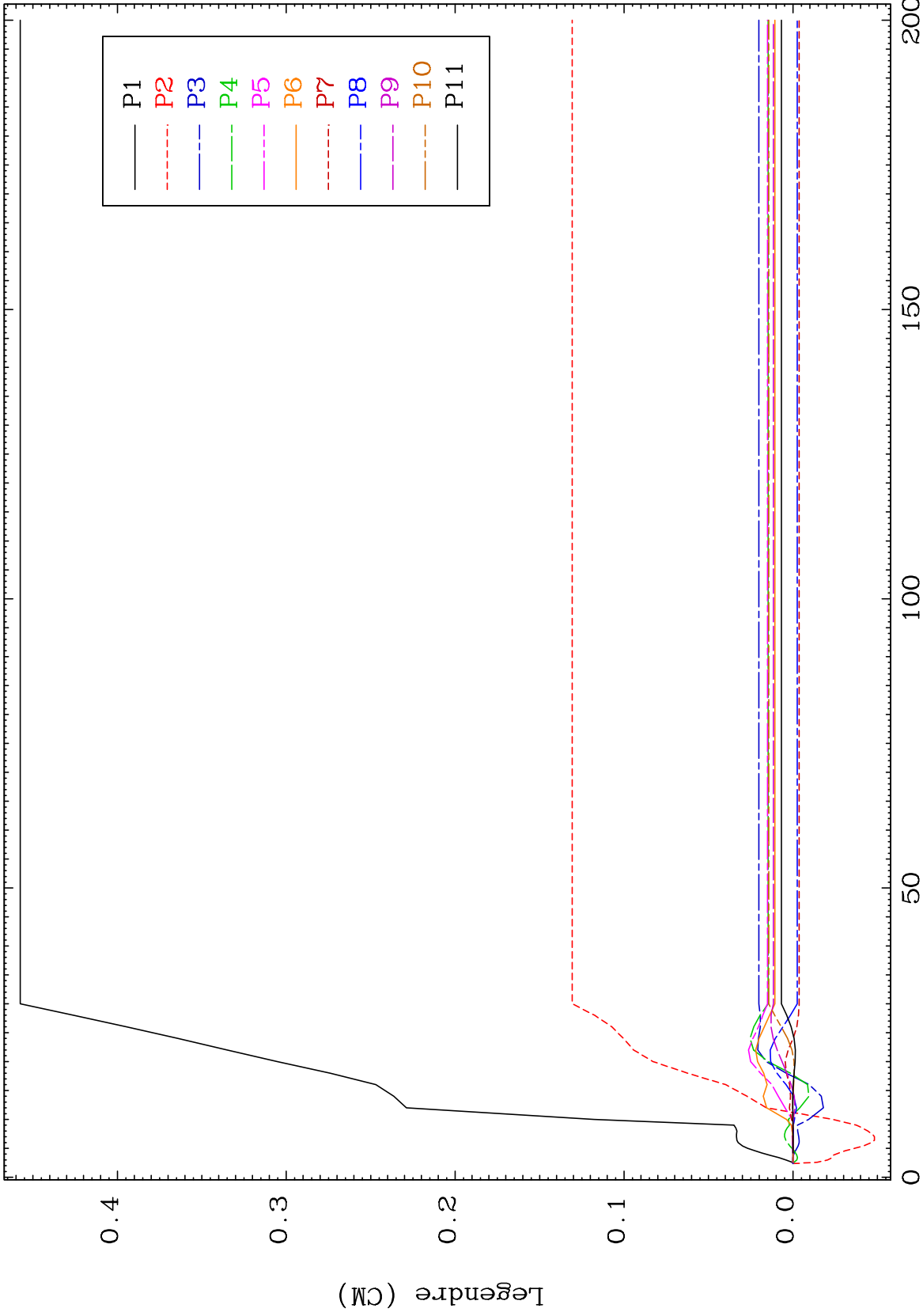
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



25

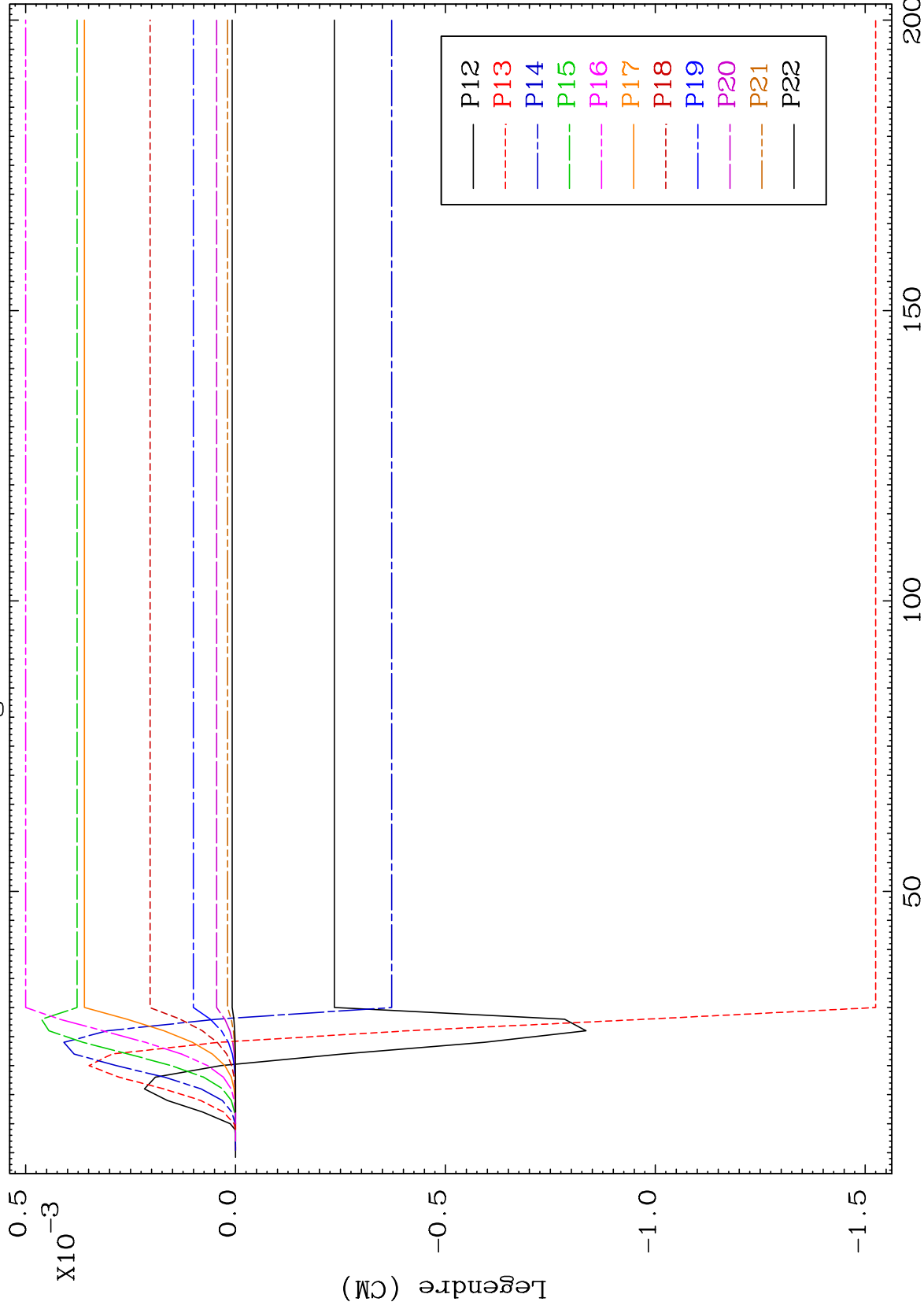
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



26

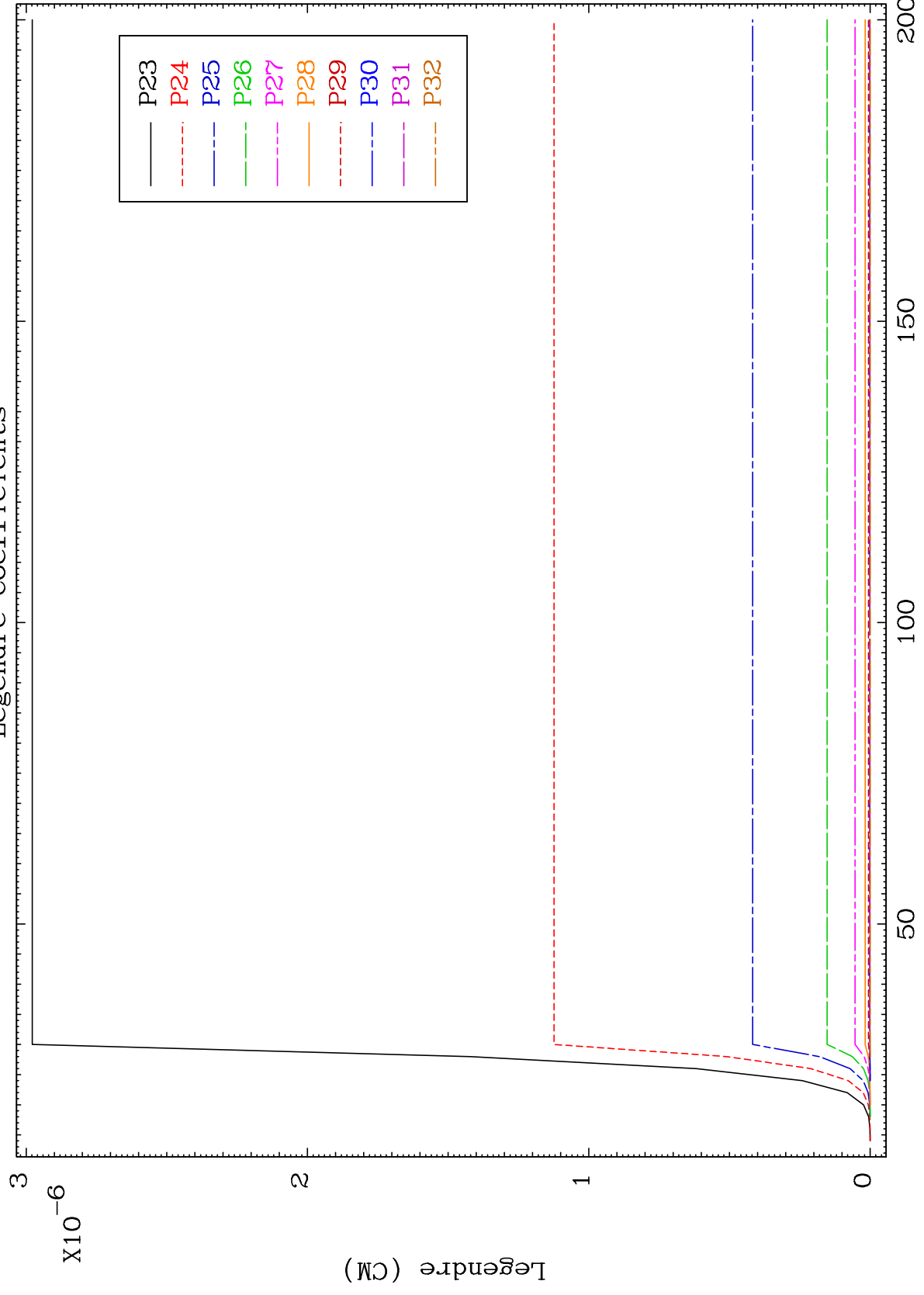
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

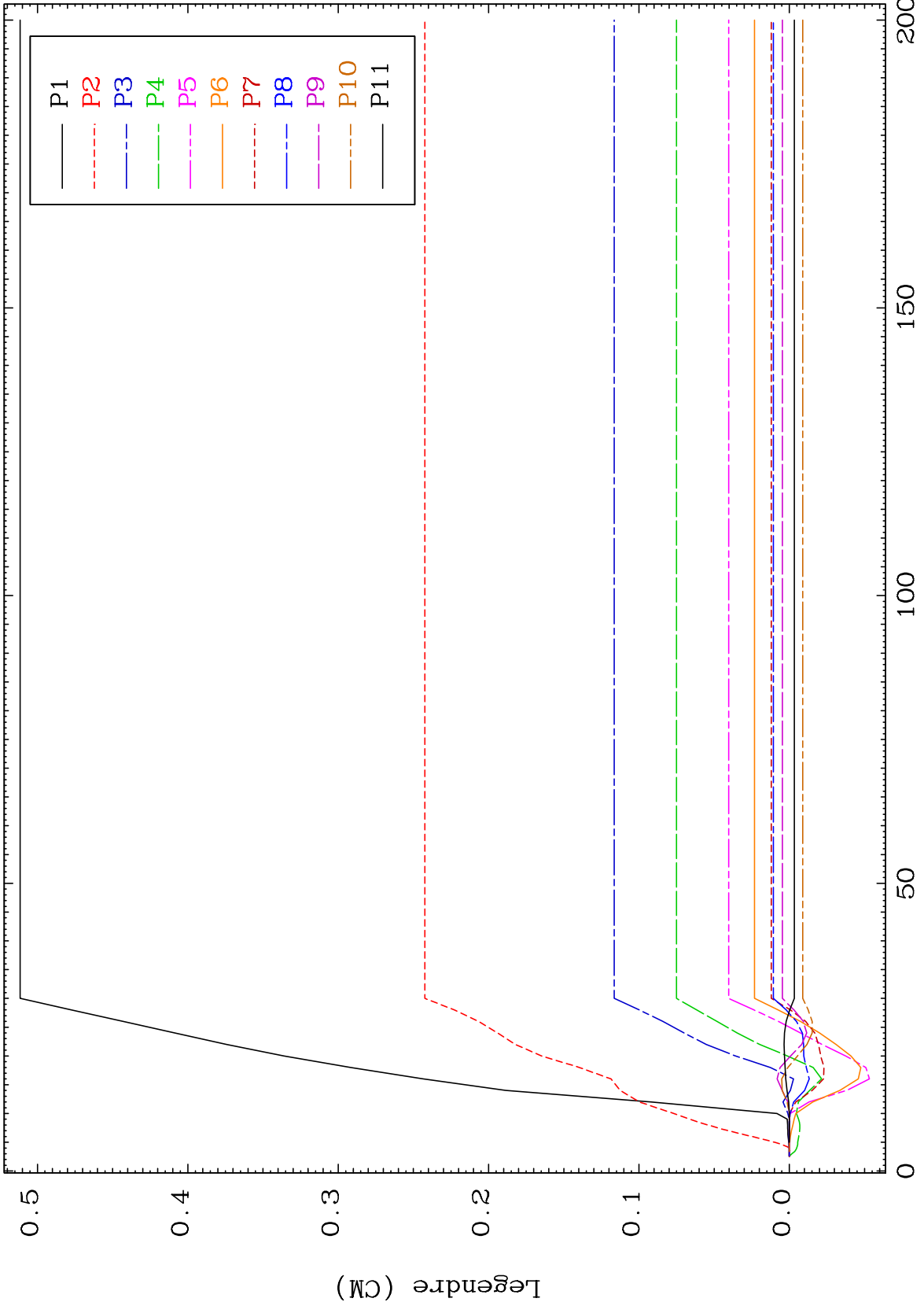
22-Ti-52



MAT 2243

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

22-Ti-52



28

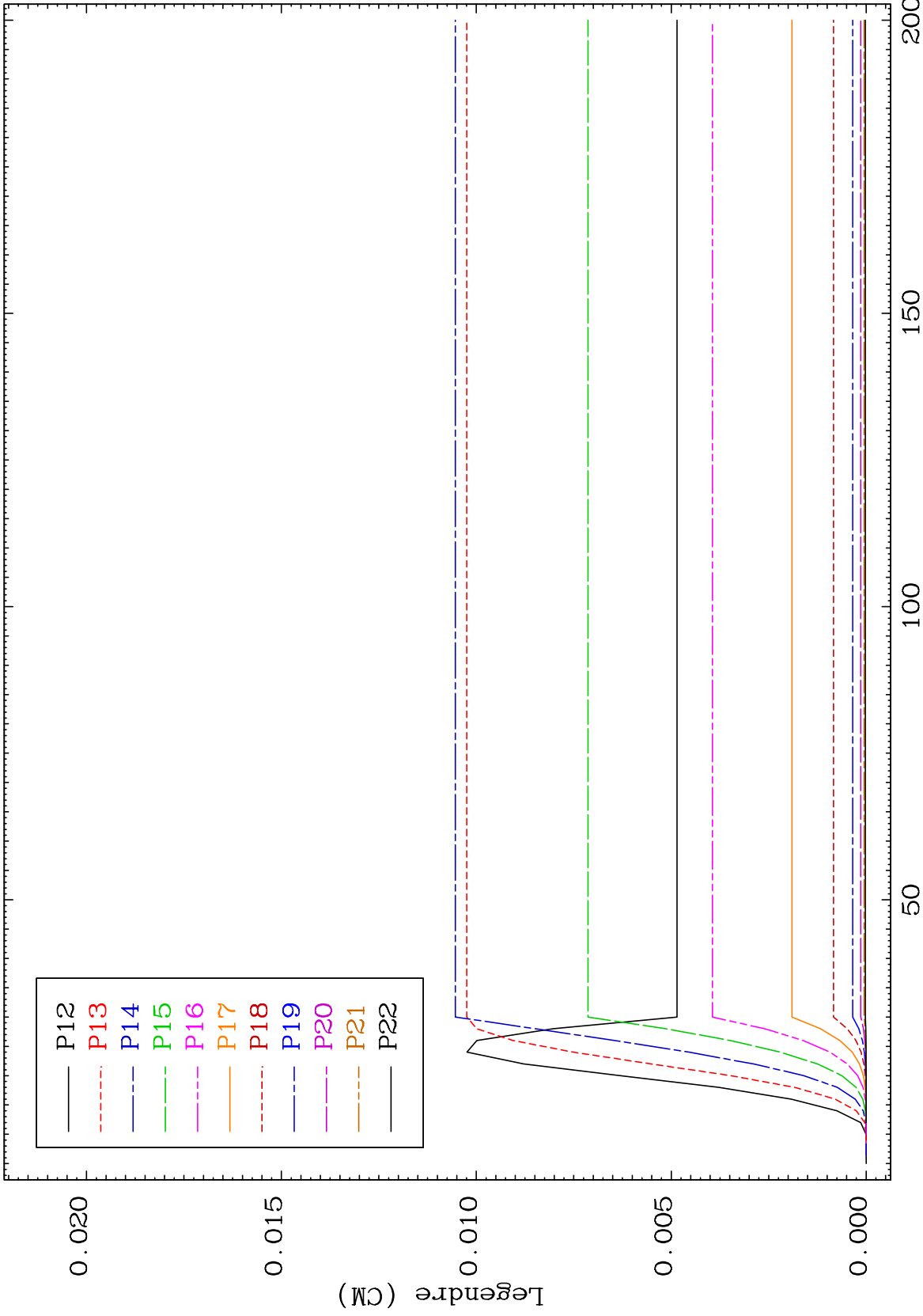
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



29

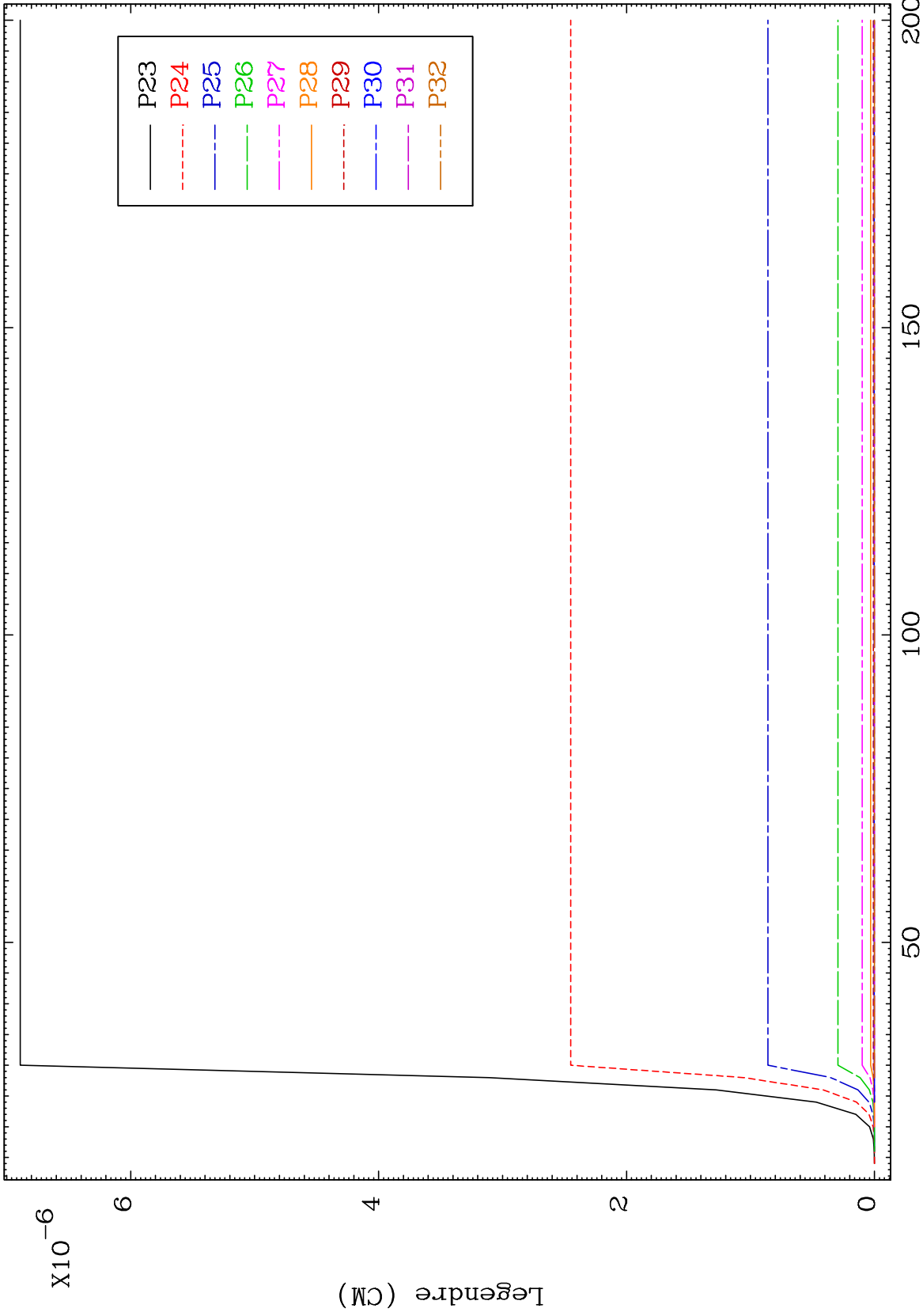
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



30

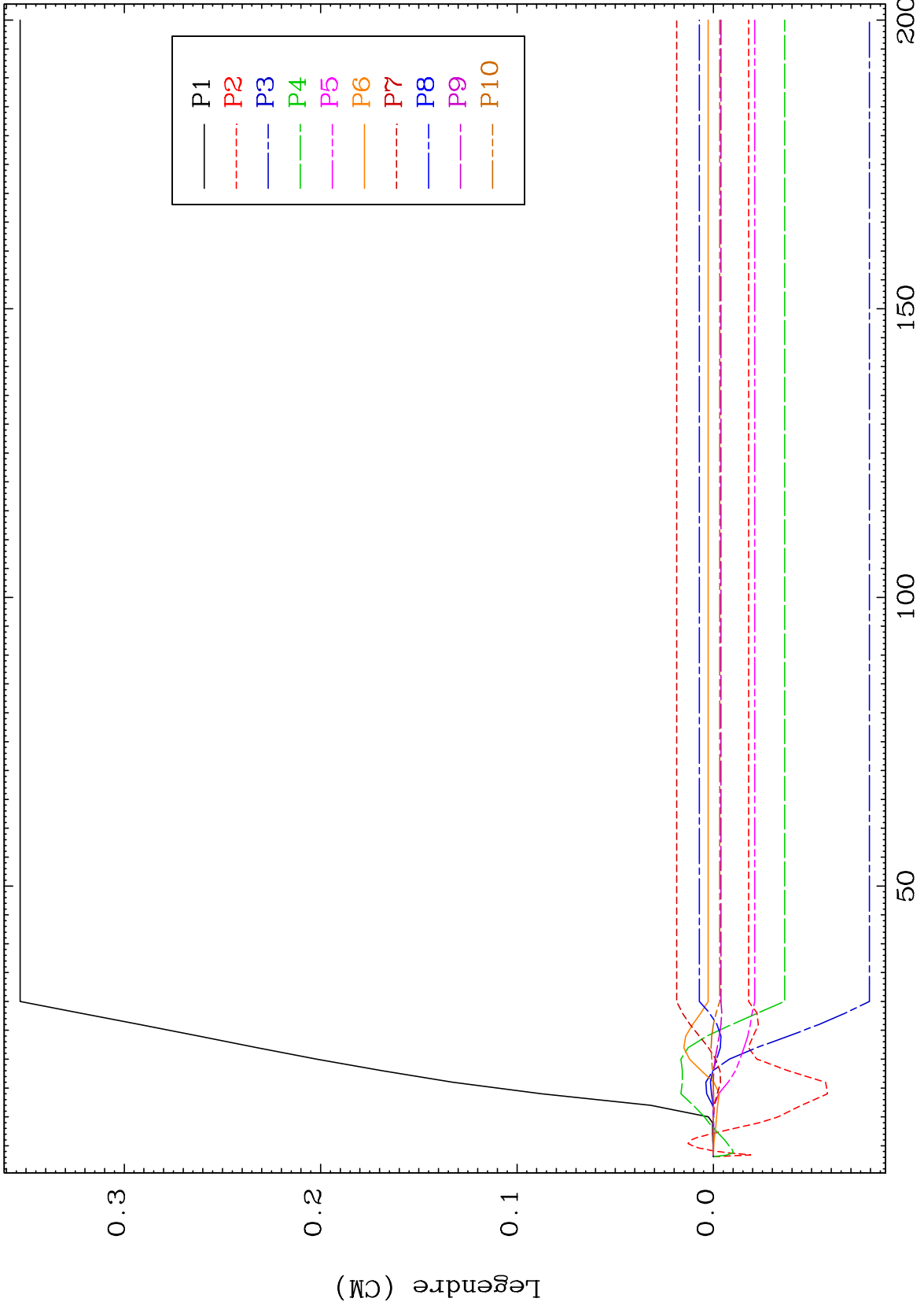
Incident Energy (MeV)

22-Ti-52

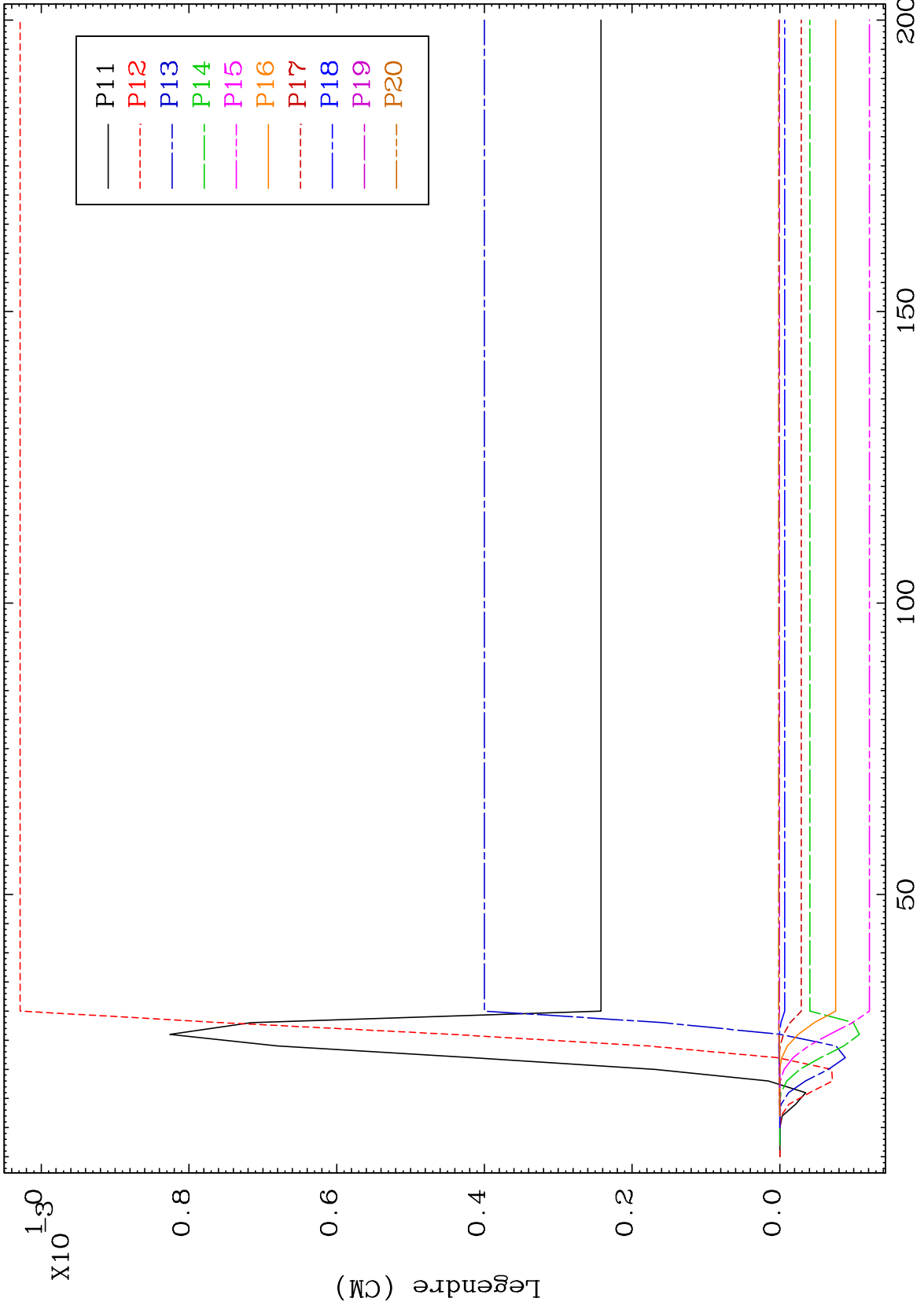
MAT 2243

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

22-Ti-52



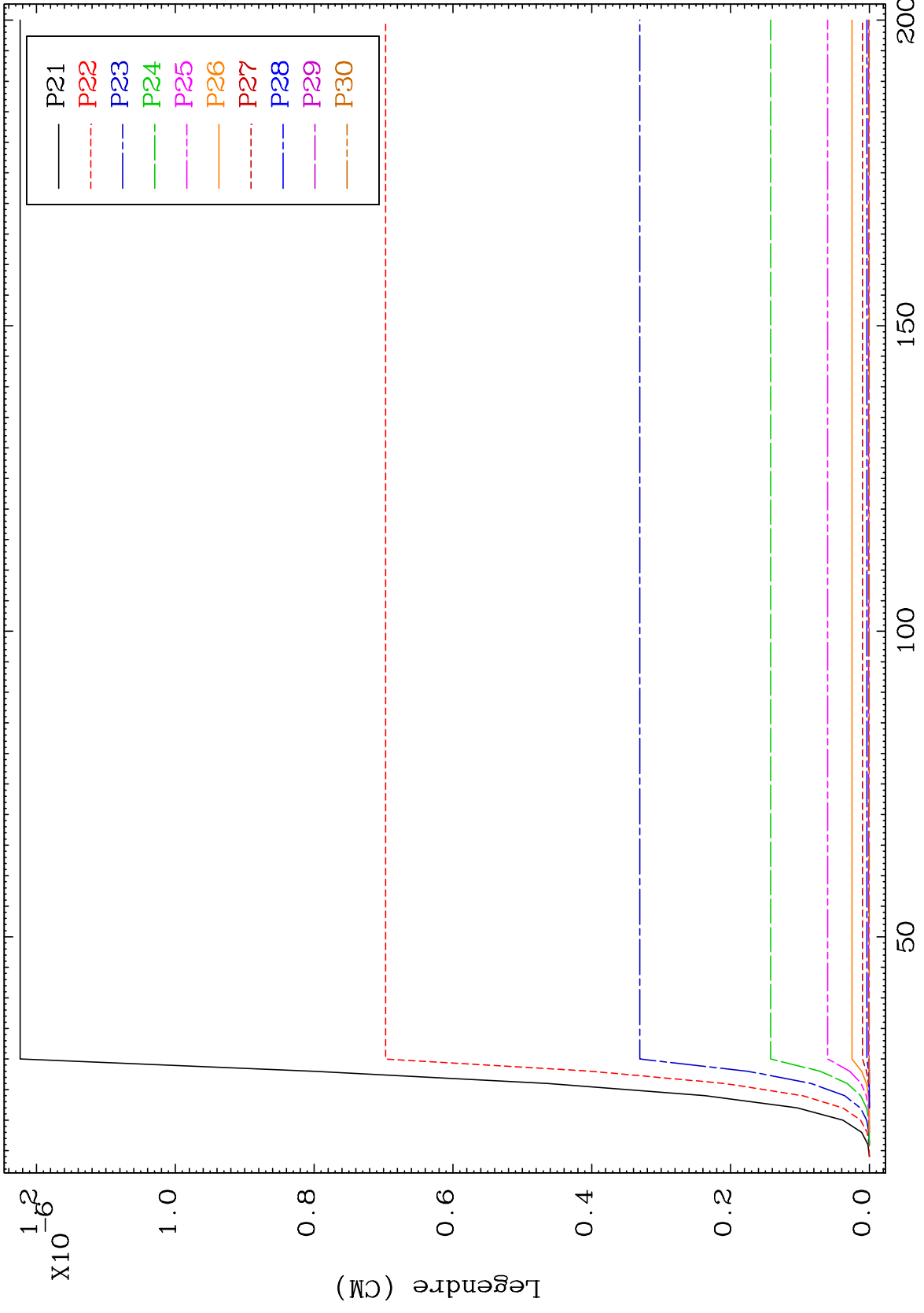
MAT 2243 MT= 55 (n,n') Level Legendre Coefficients 22-Ti-52



MAT 2243

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

22-Ti-52



33

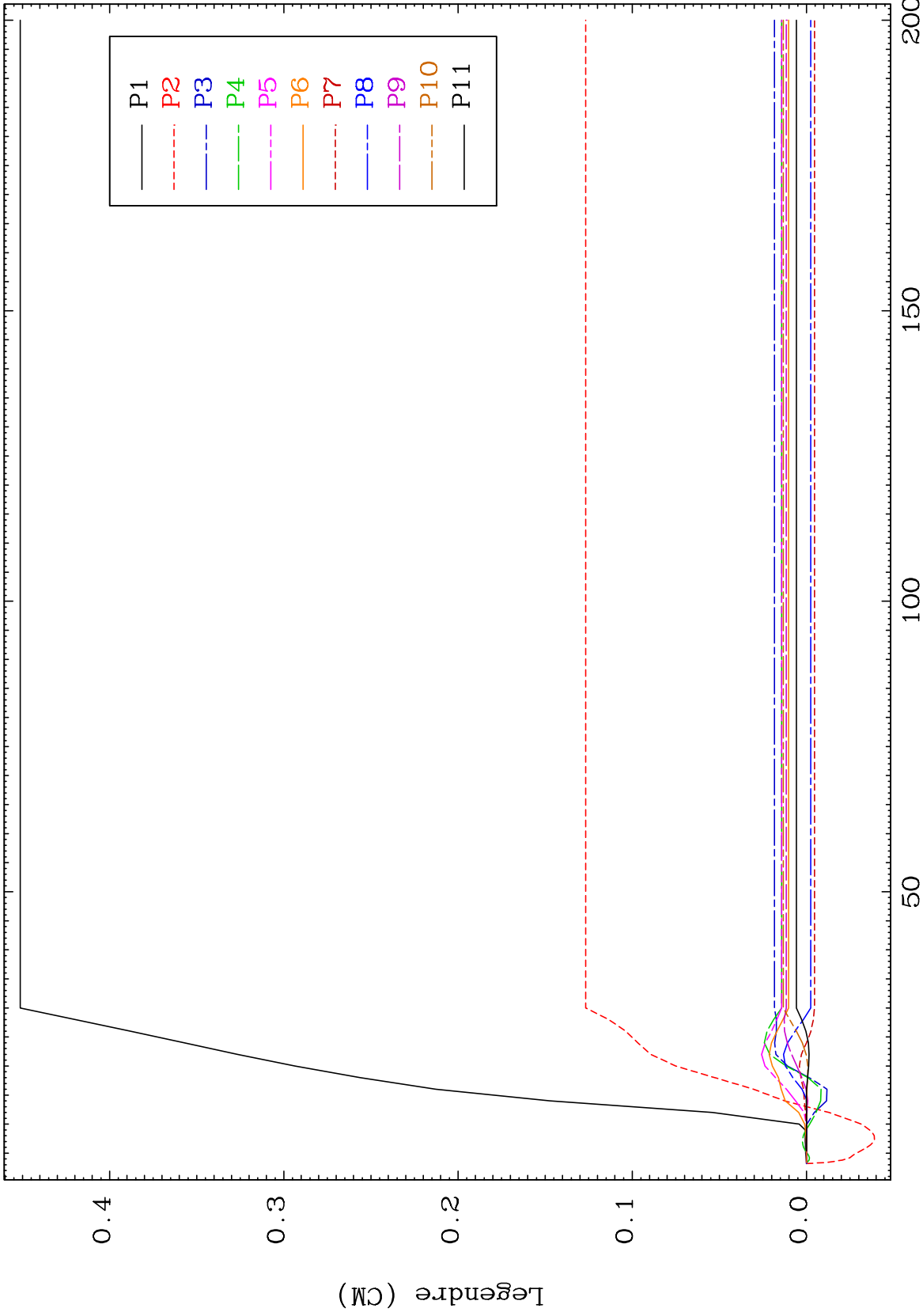
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



34

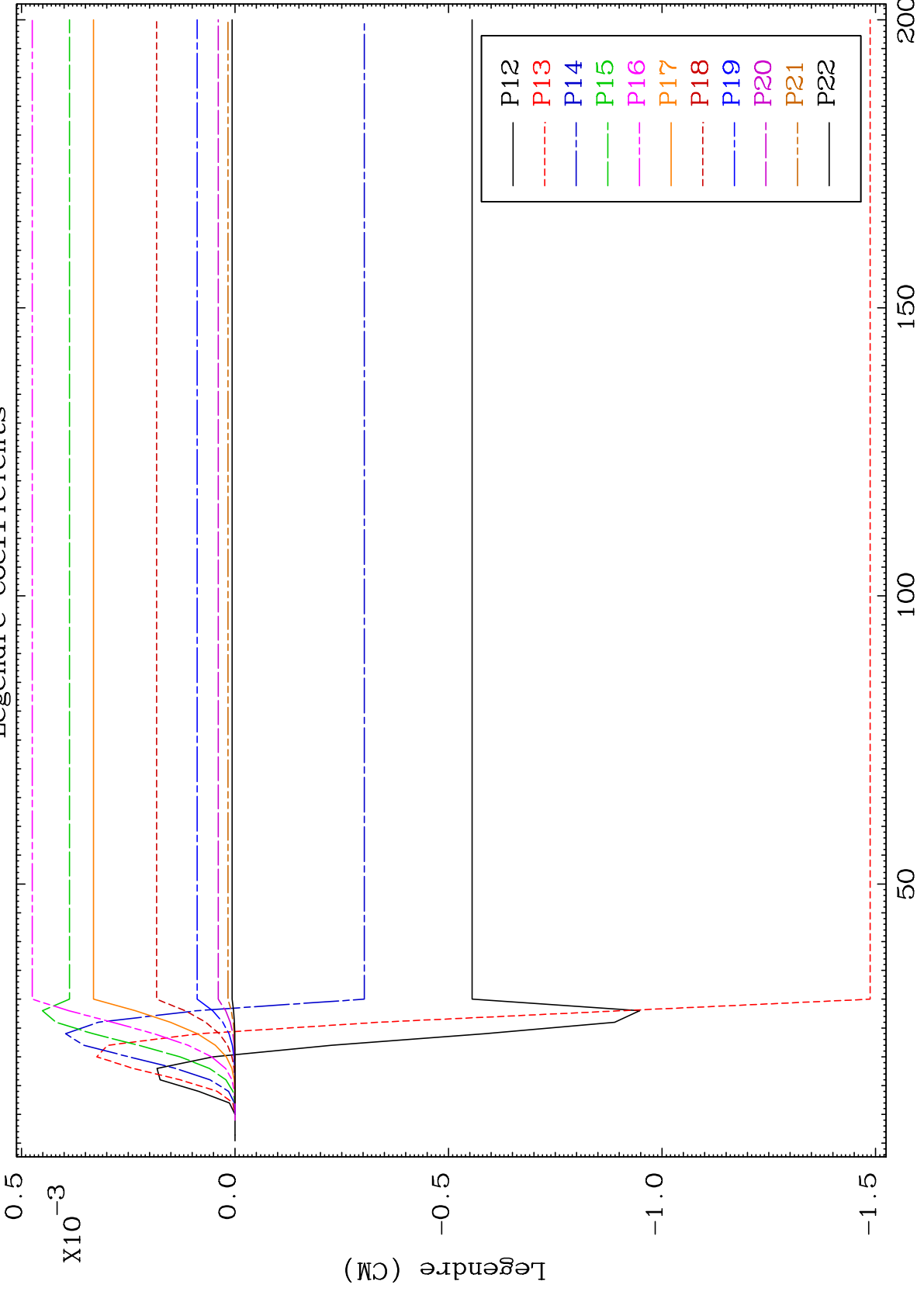
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



22-Ti-52

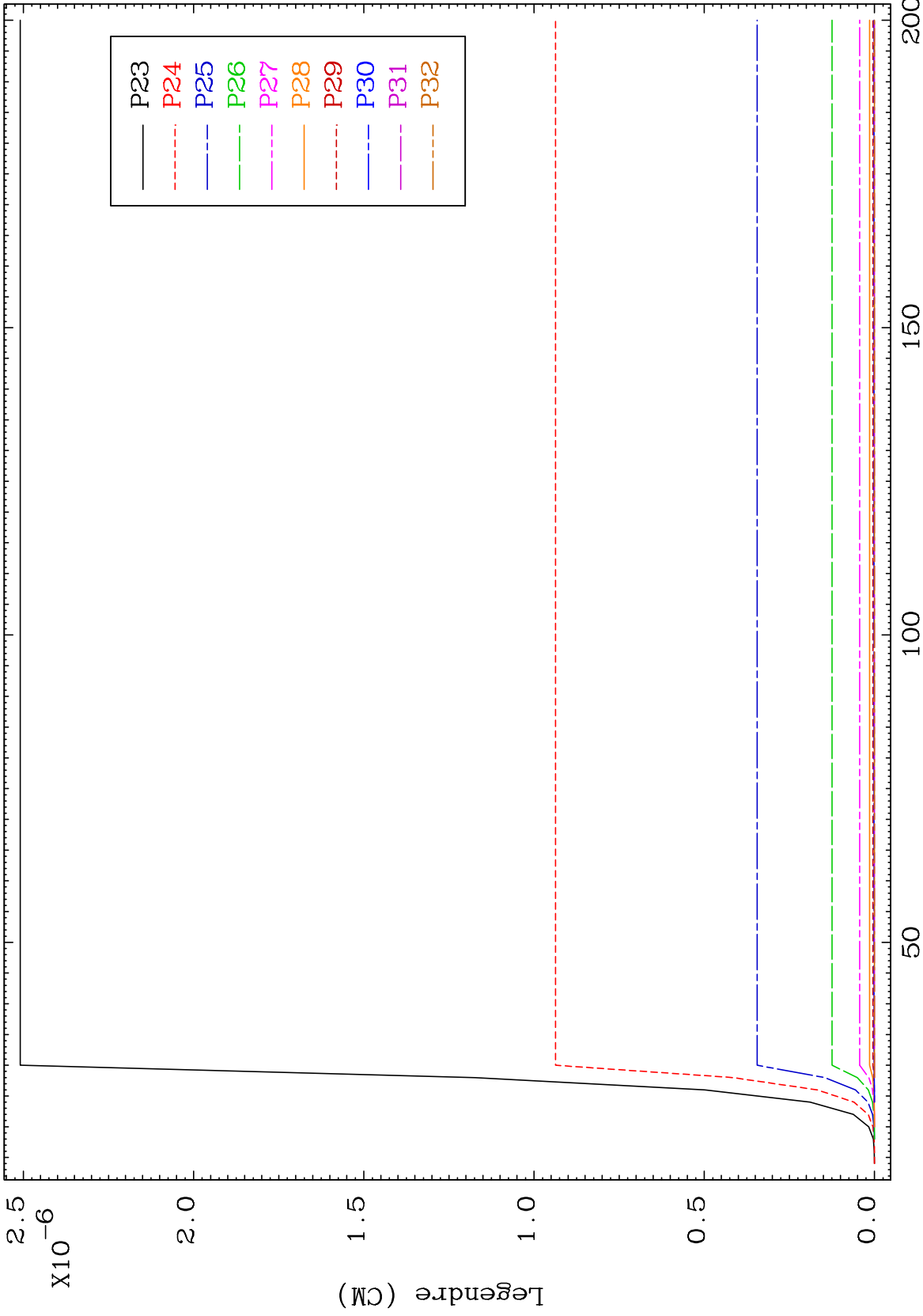
Incident Energy (MeV)

35

MAT 2243

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

22-Ti-52



36

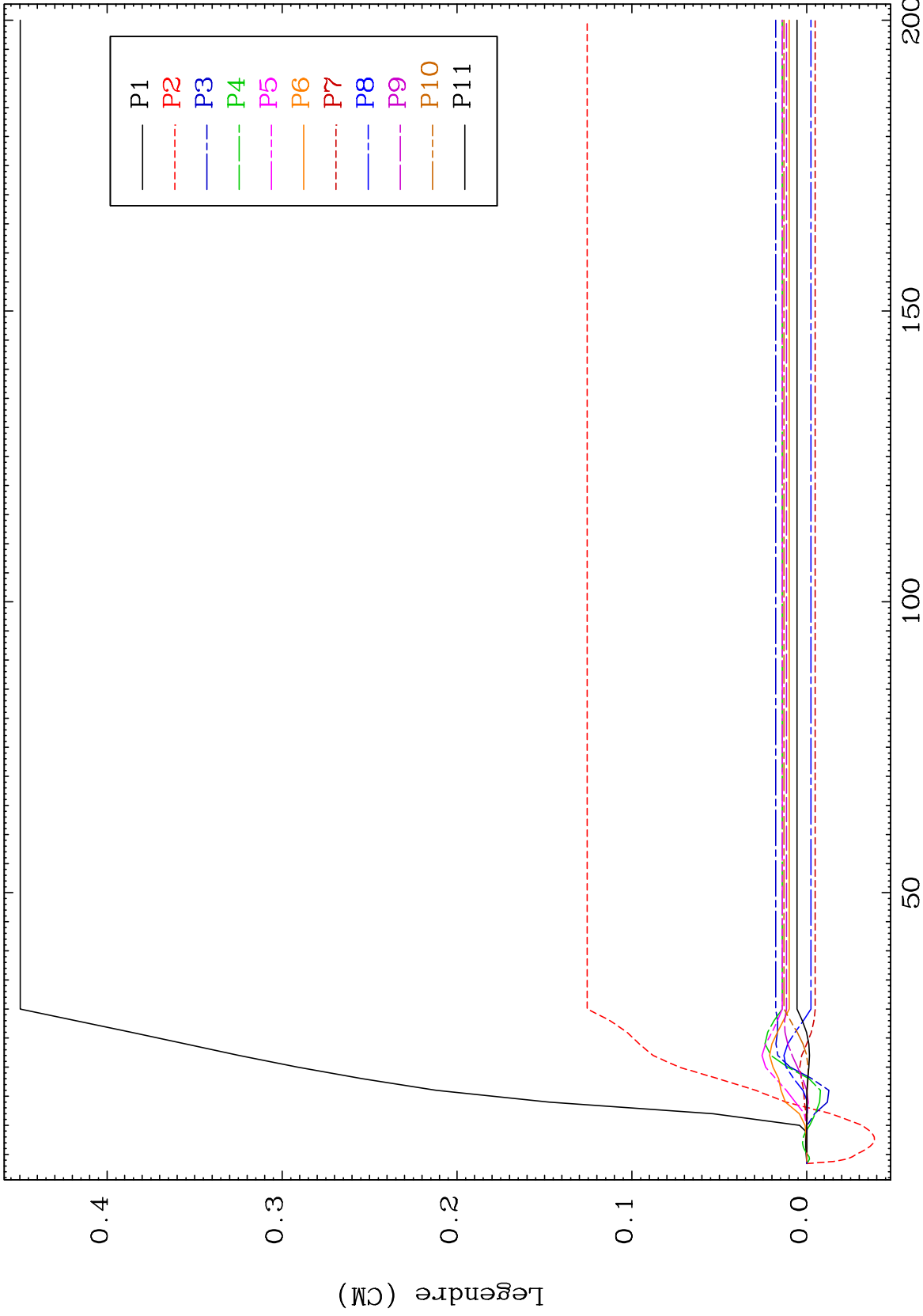
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



37

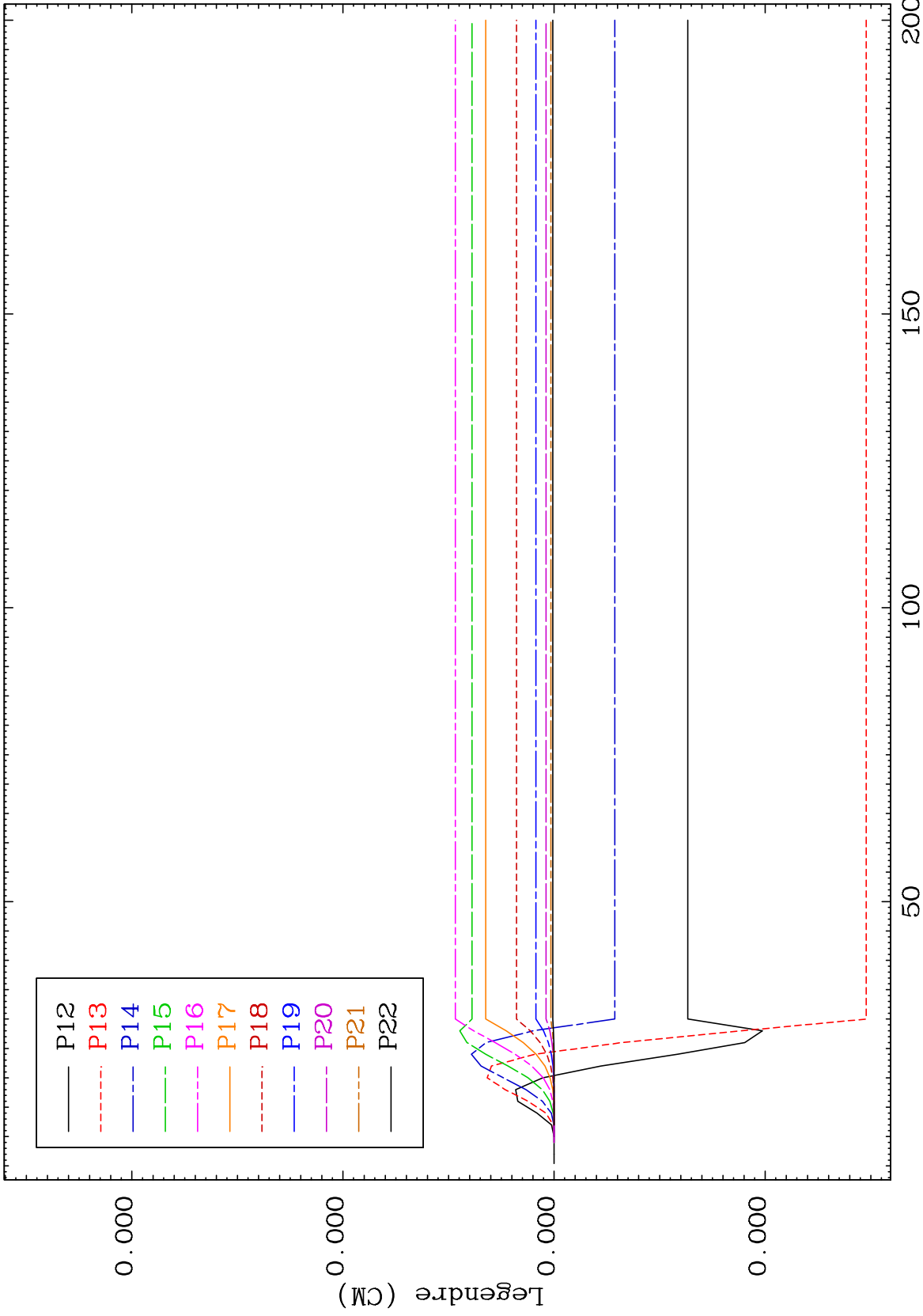
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

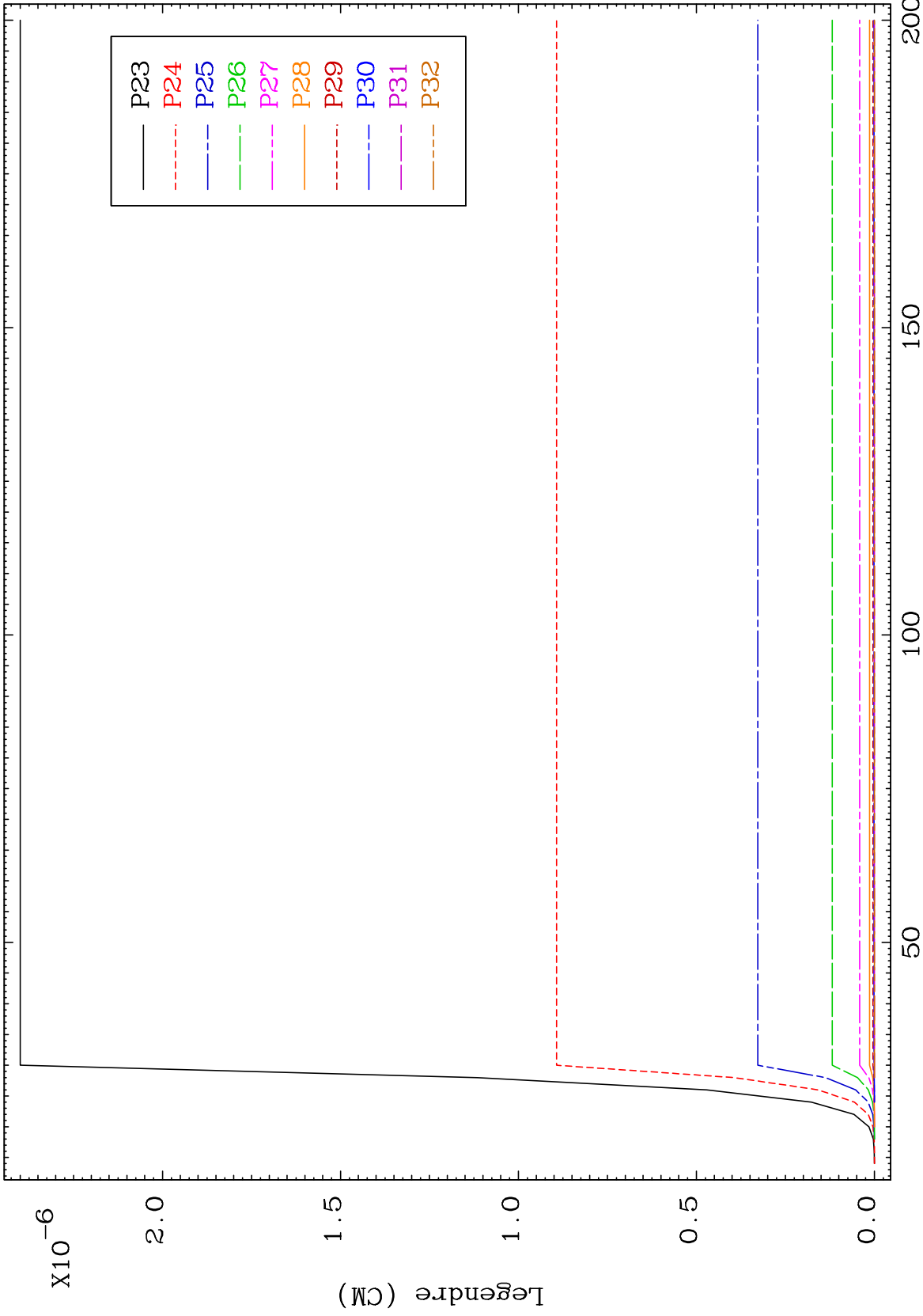
22-Ti-52



MAT 2243

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

22-Ti-52



39

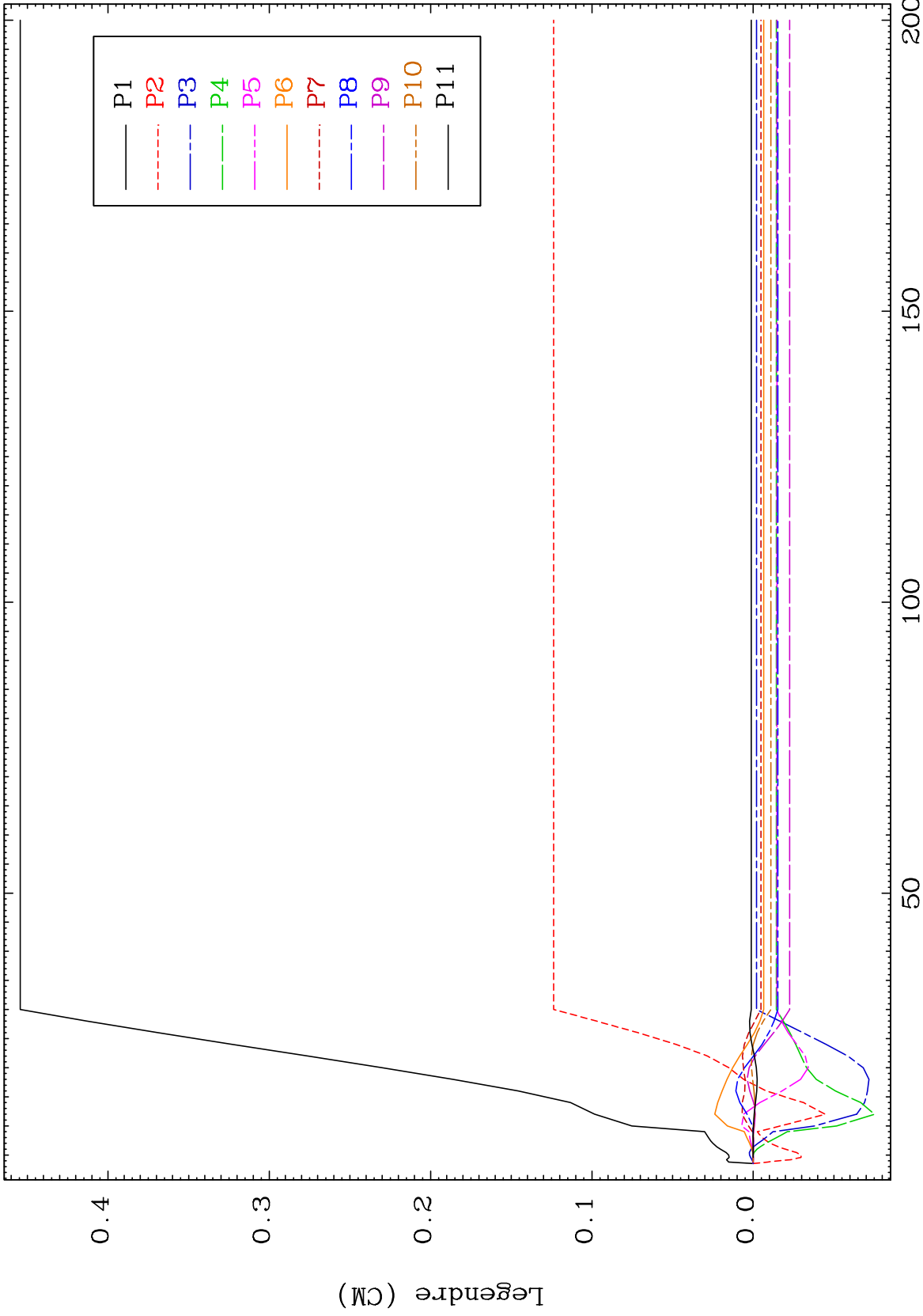
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



40

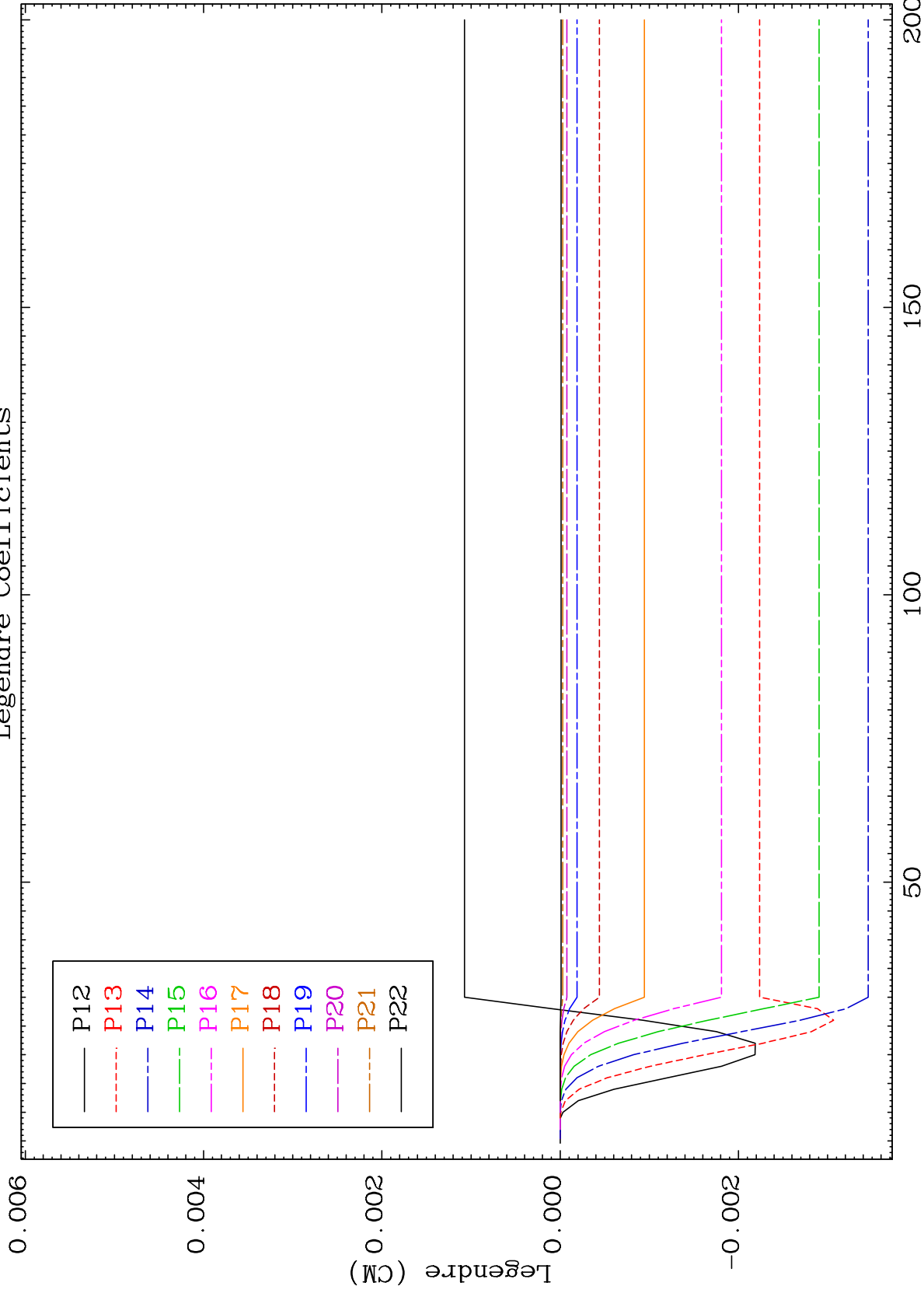
Incident Energy (MeV)

22-Ti-52

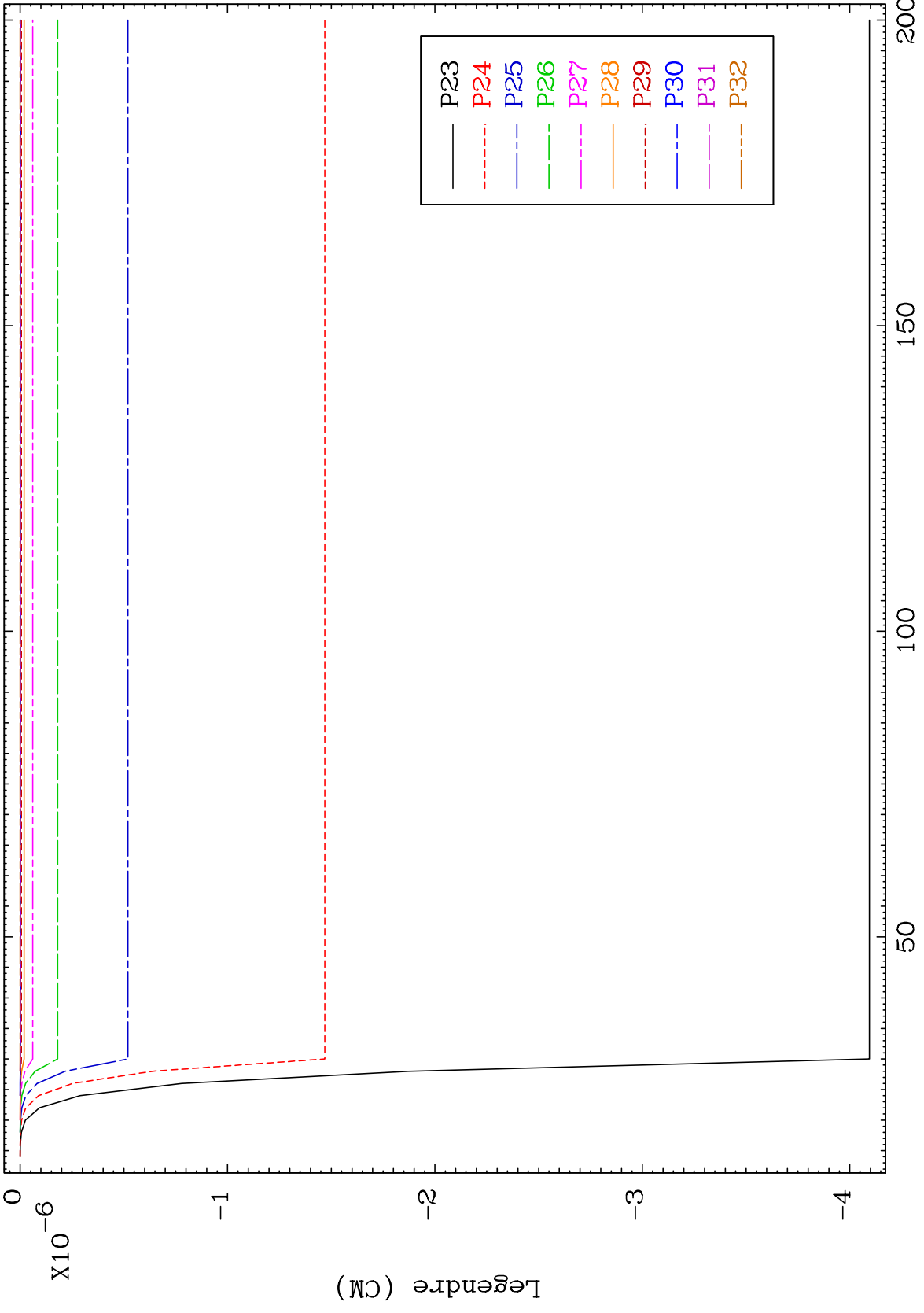
MAT 2243

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

22-Ti-52

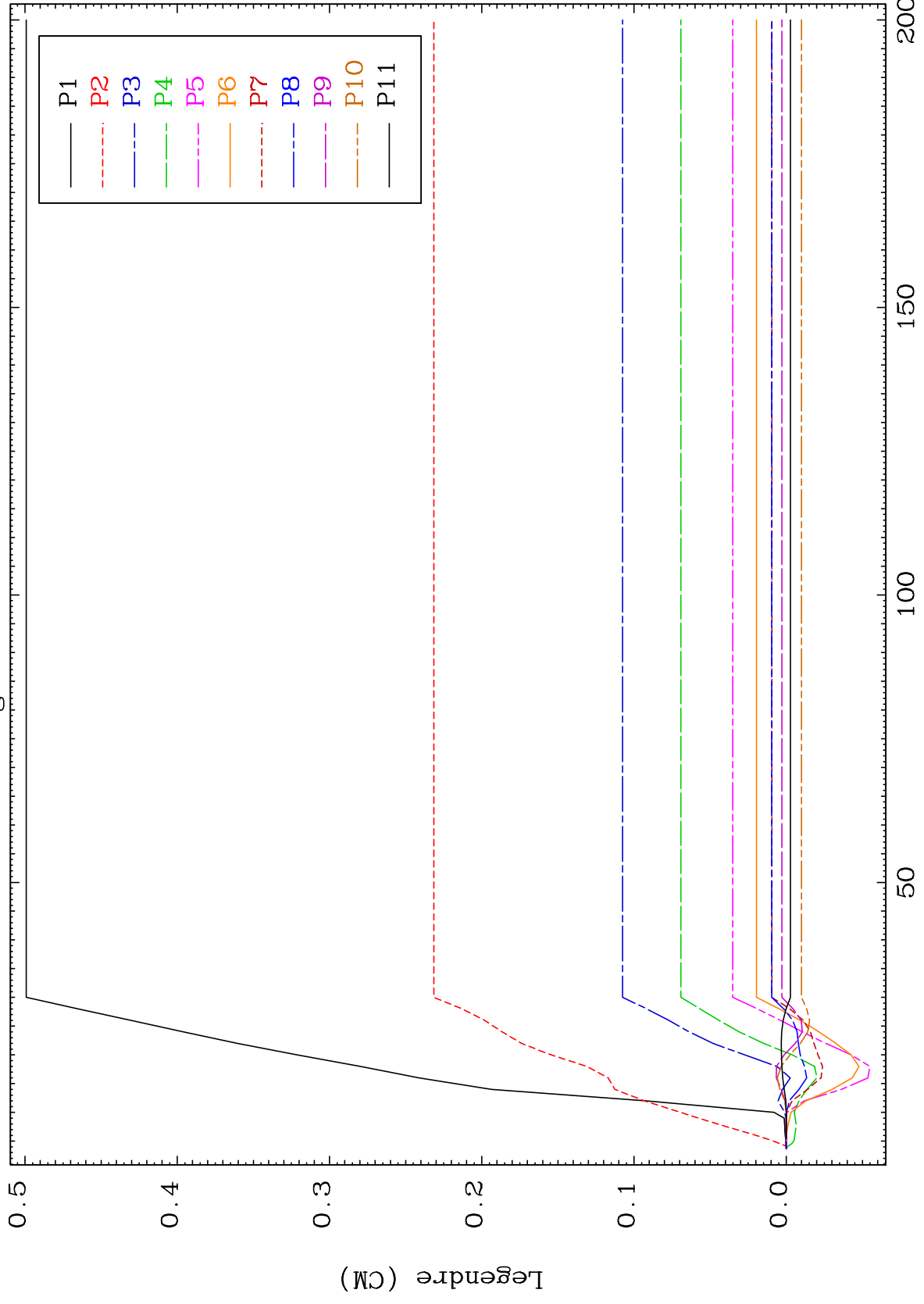


MAT 2243 MT= 58 (n,n') Level Legendre Coefficients 22-Ti-52



42 Incident Energy (MeV) 22-Ti-52

MAT 2243 MT= 59 (n,n') Level Legendre Coefficients 22-Ti-52

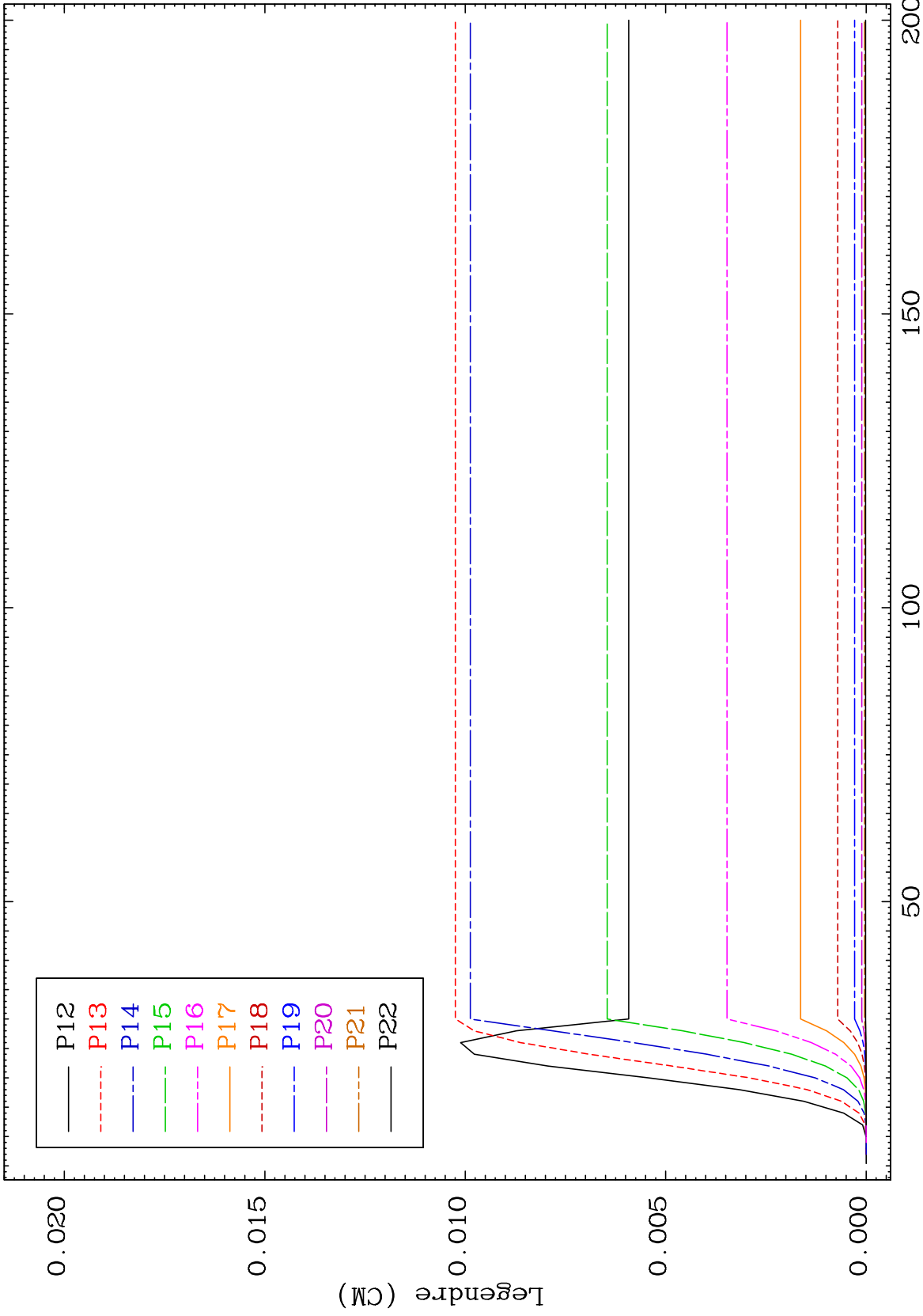


43 Incident Energy (MeV) 22-Ti-52

MAT 2243

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

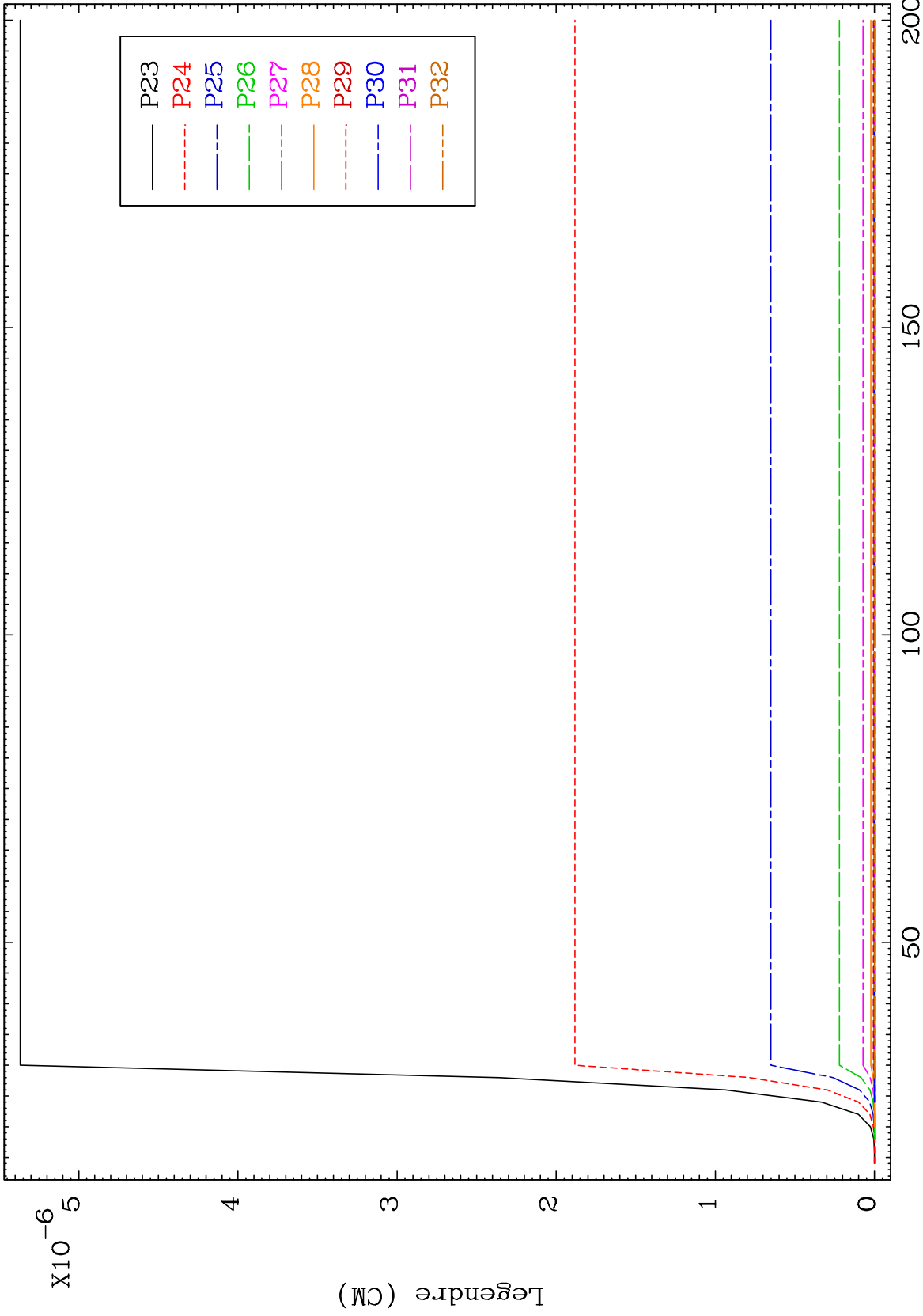
22-Ti-52



MAT 2243

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

22-Ti-52



45

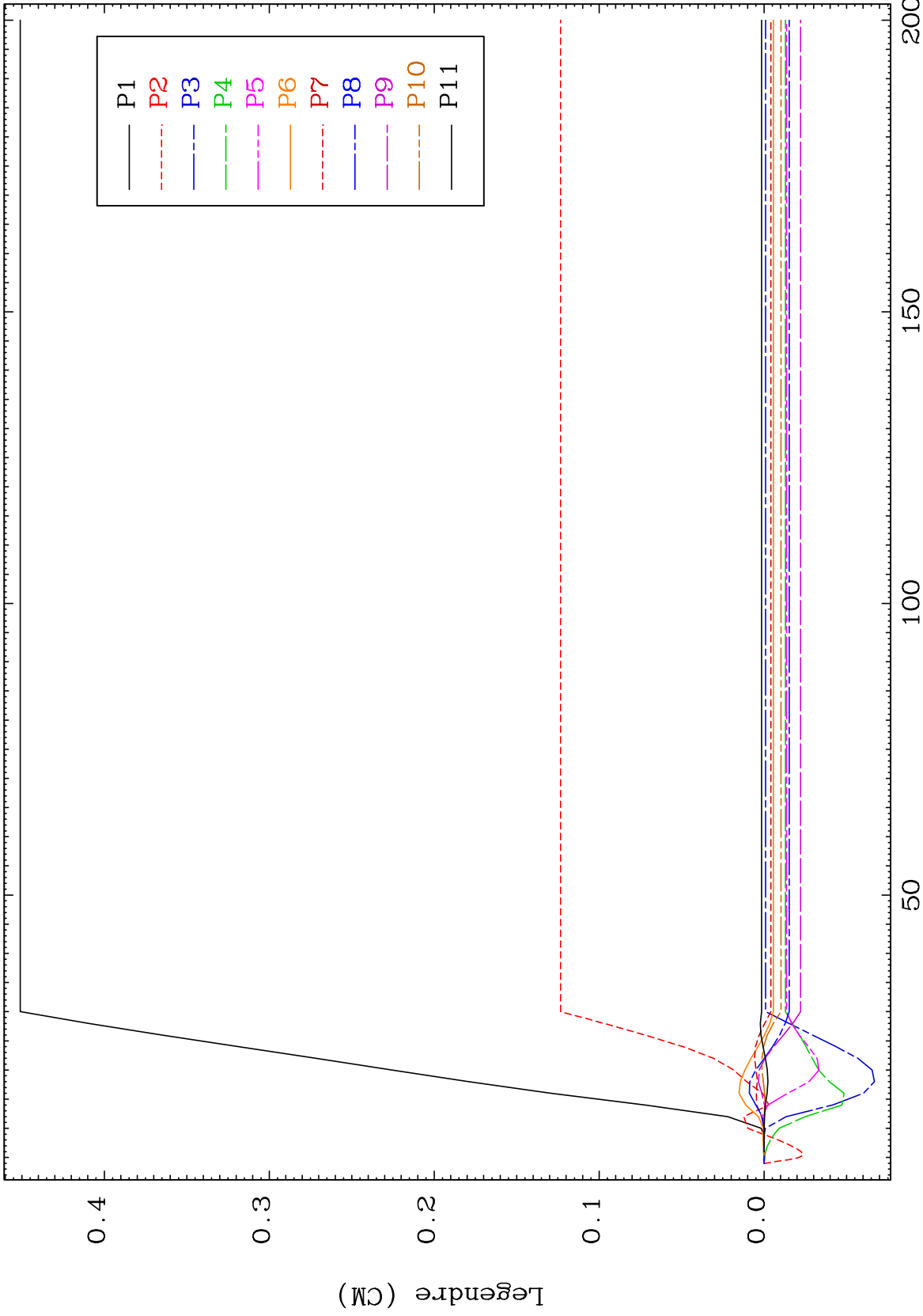
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



46

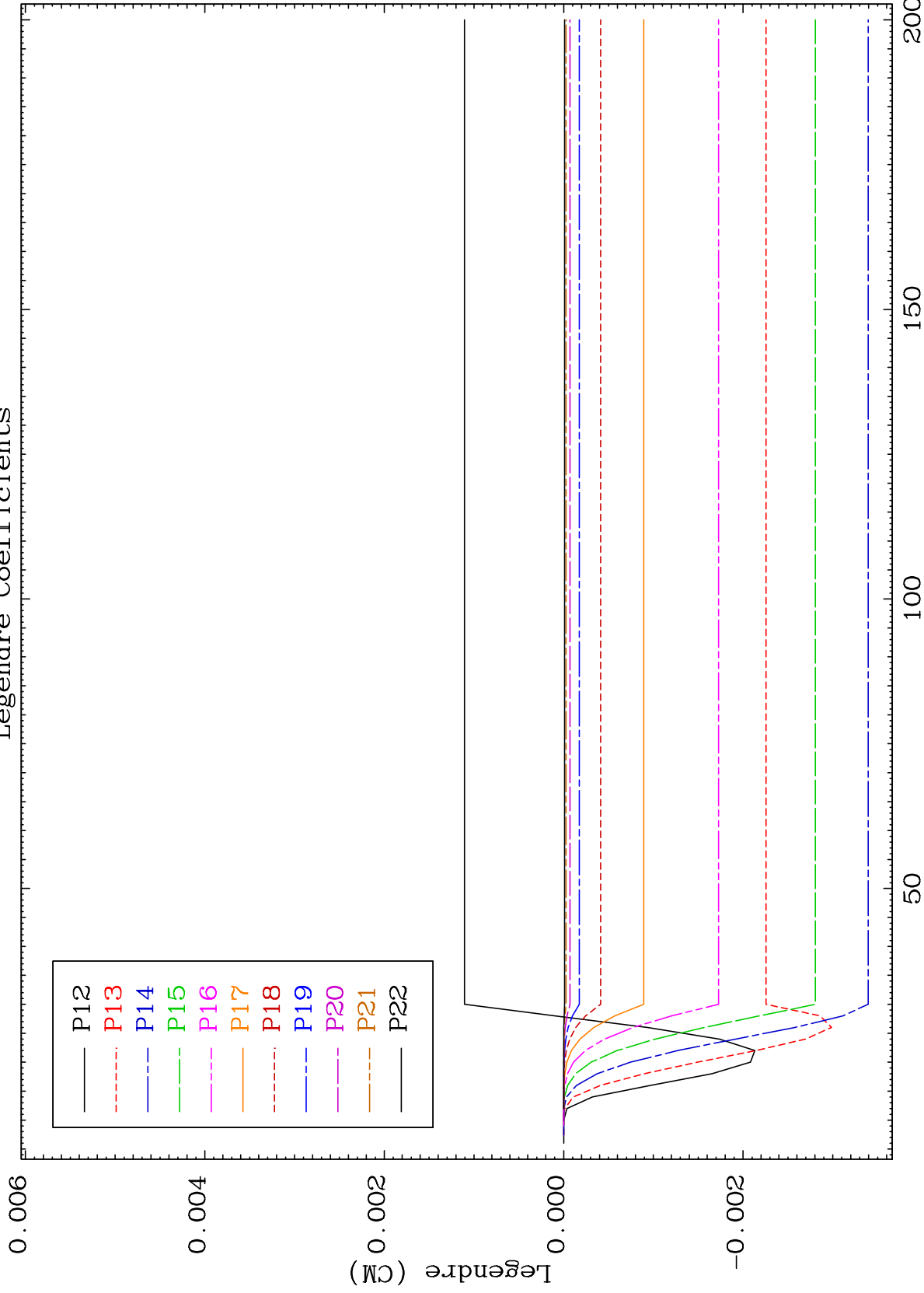
Incident Energy (MeV)

22-Ti-52

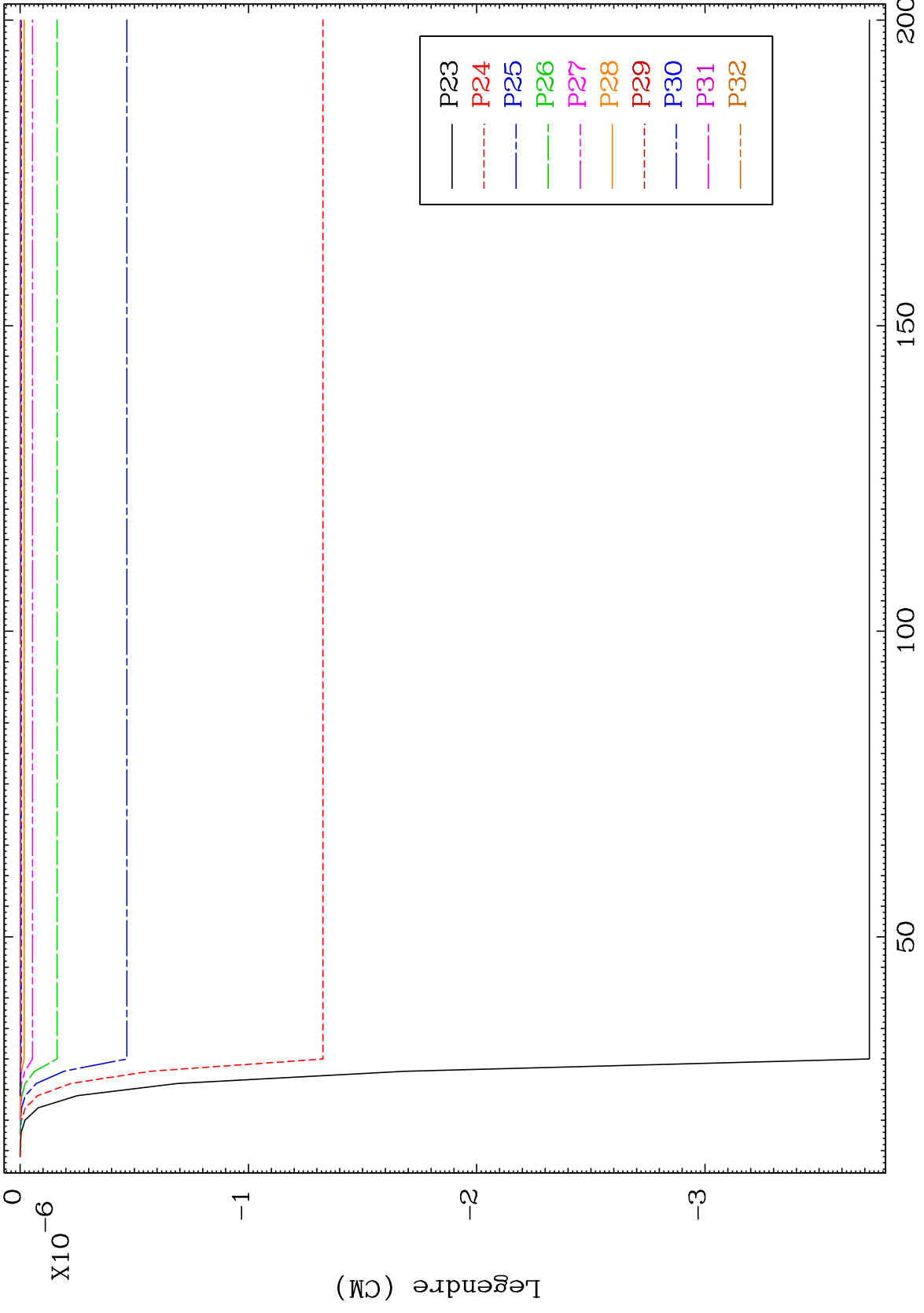
MAT 2243

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

22-Ti-52

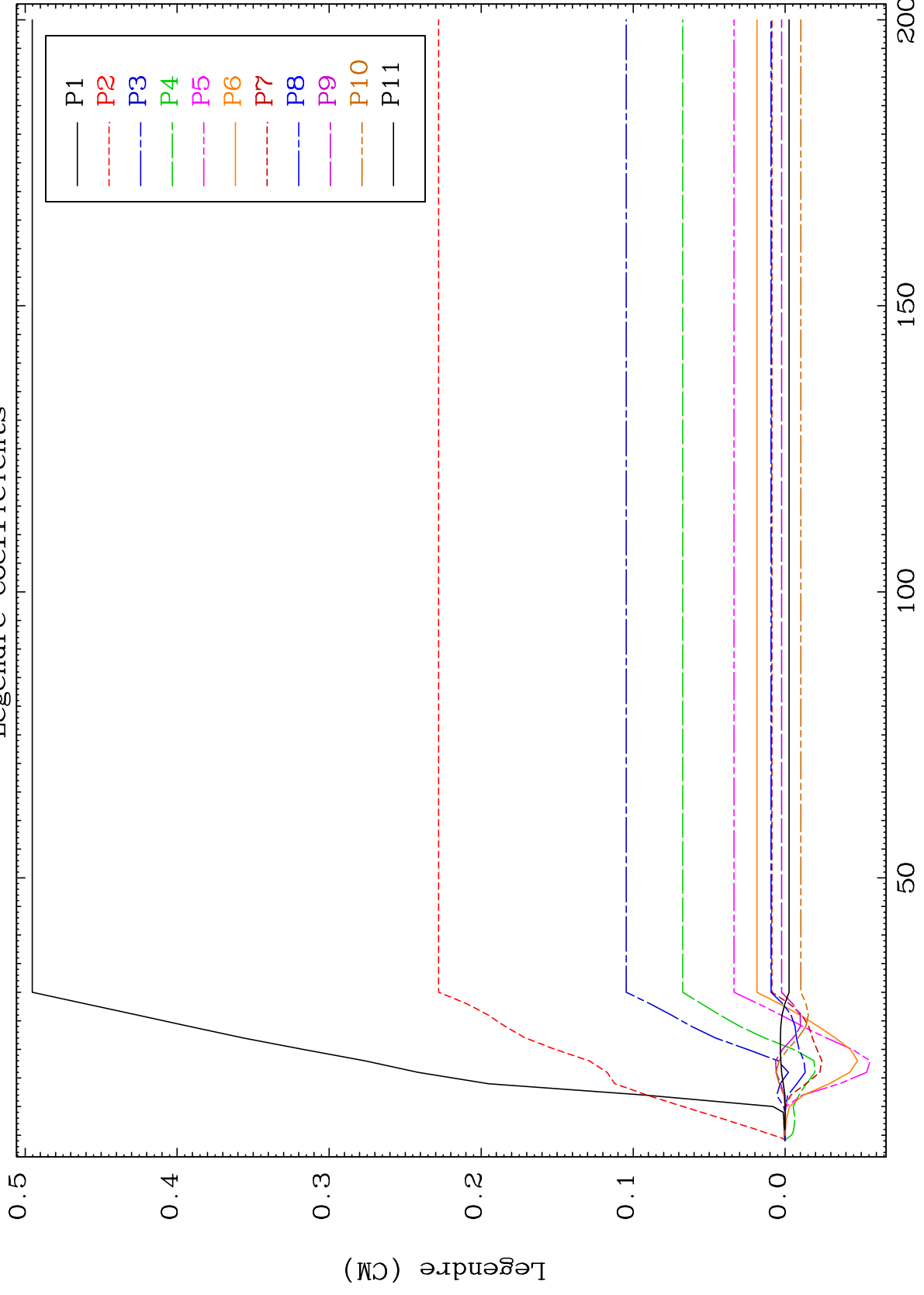


MAT 2243 MT= 60 (n,n') Level Legendre Coefficients 22-Ti-52



48 Incident Energy (MeV) 22-Ti-52

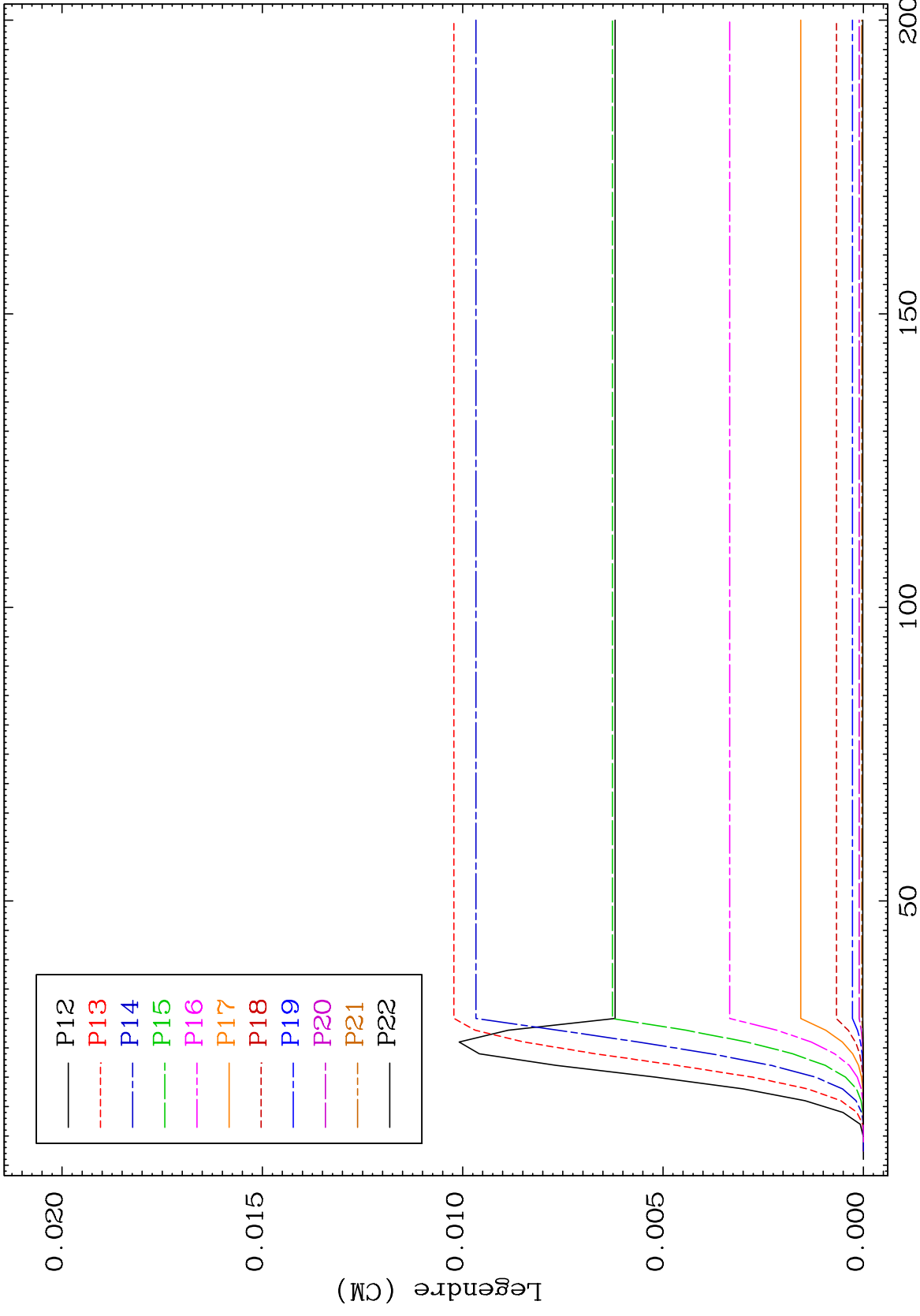
MAT 2243 MT= 61 (n,n') Level Legendre Coefficients 22-Ti-52



MAT 2243

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

22-Ti-52



50

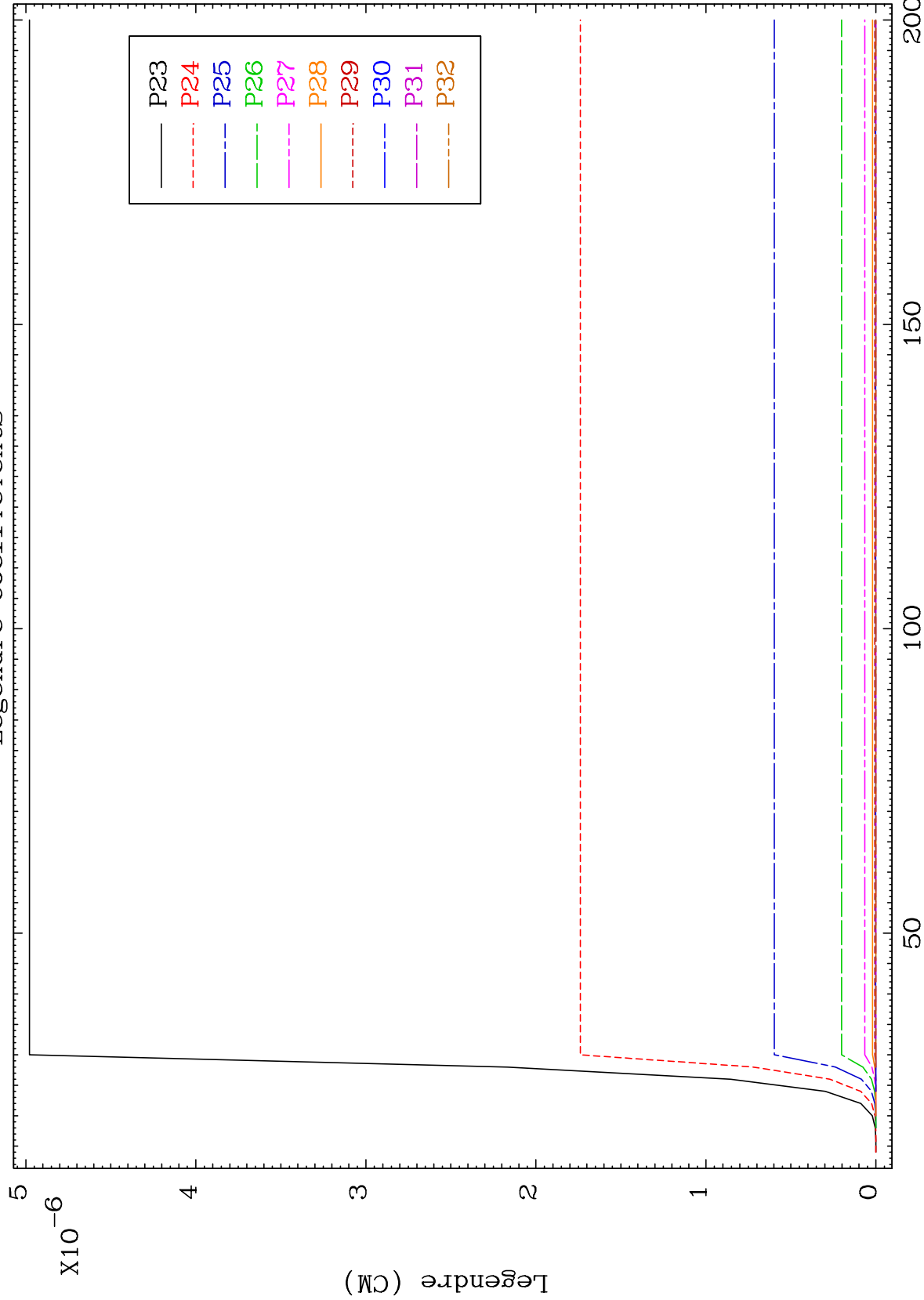
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52

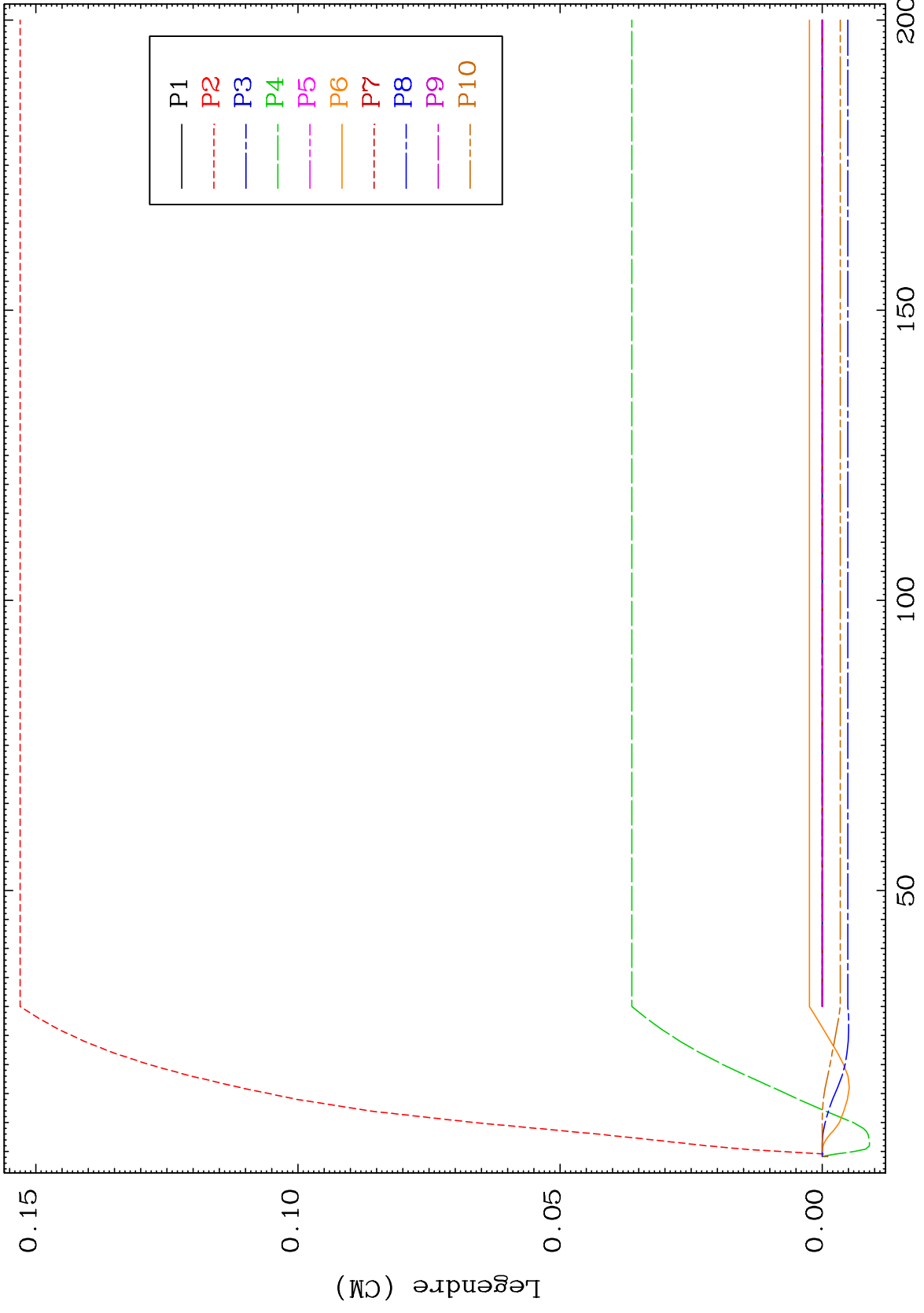


51

Incident Energy (MeV)

22-Ti-52

MAT 2243 MT= 62 (n,n') Level Legendre Coefficients 22-Ti-52

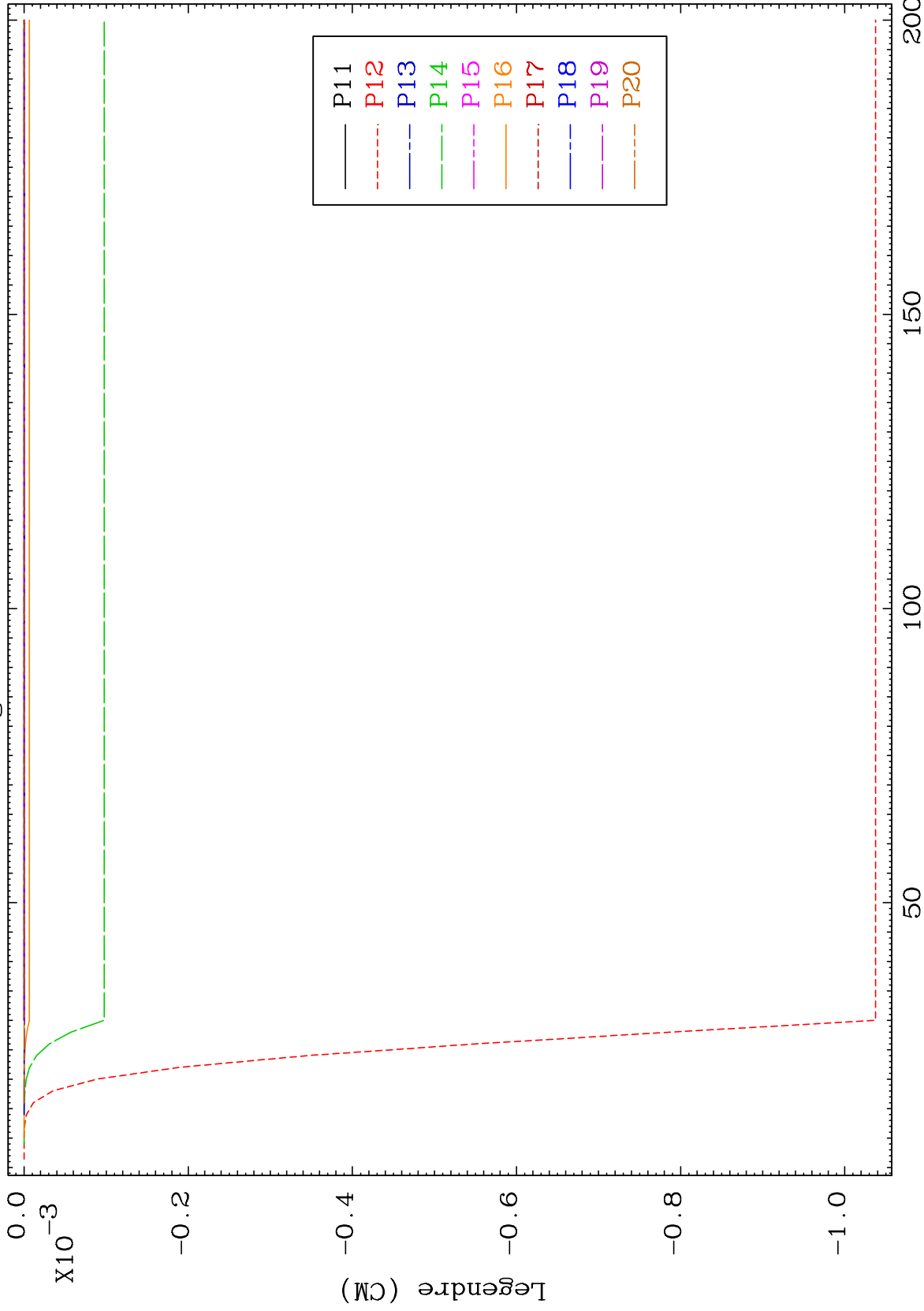


52 Incident Energy (MeV) 200 22-Ti-52

MAT 2243

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

22-Ti-52

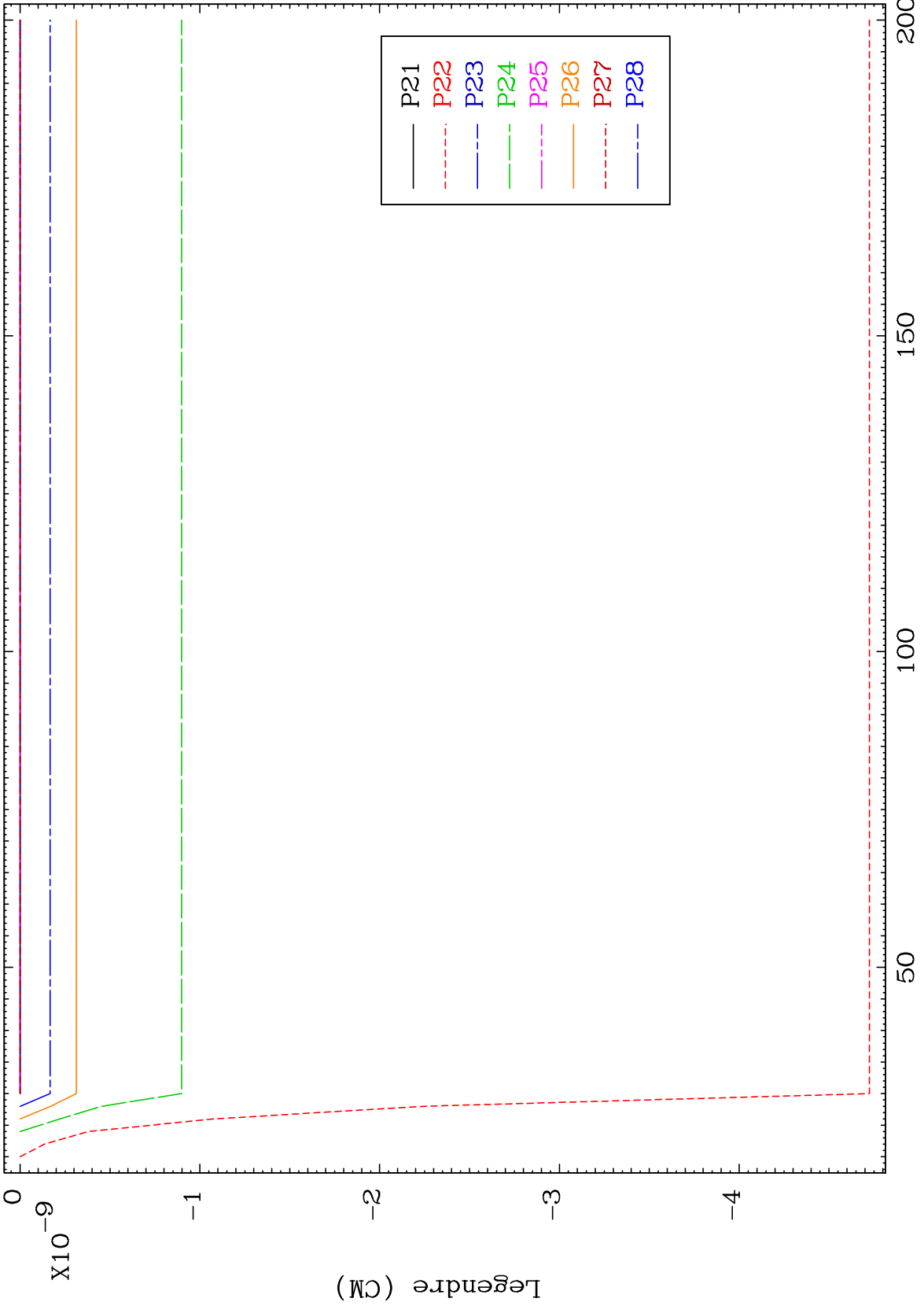


53

Incident Energy (MeV)

22-Ti-52

MAT 2243 MT= 62 (n,n') Level Legendre Coefficients 22-Ti-52

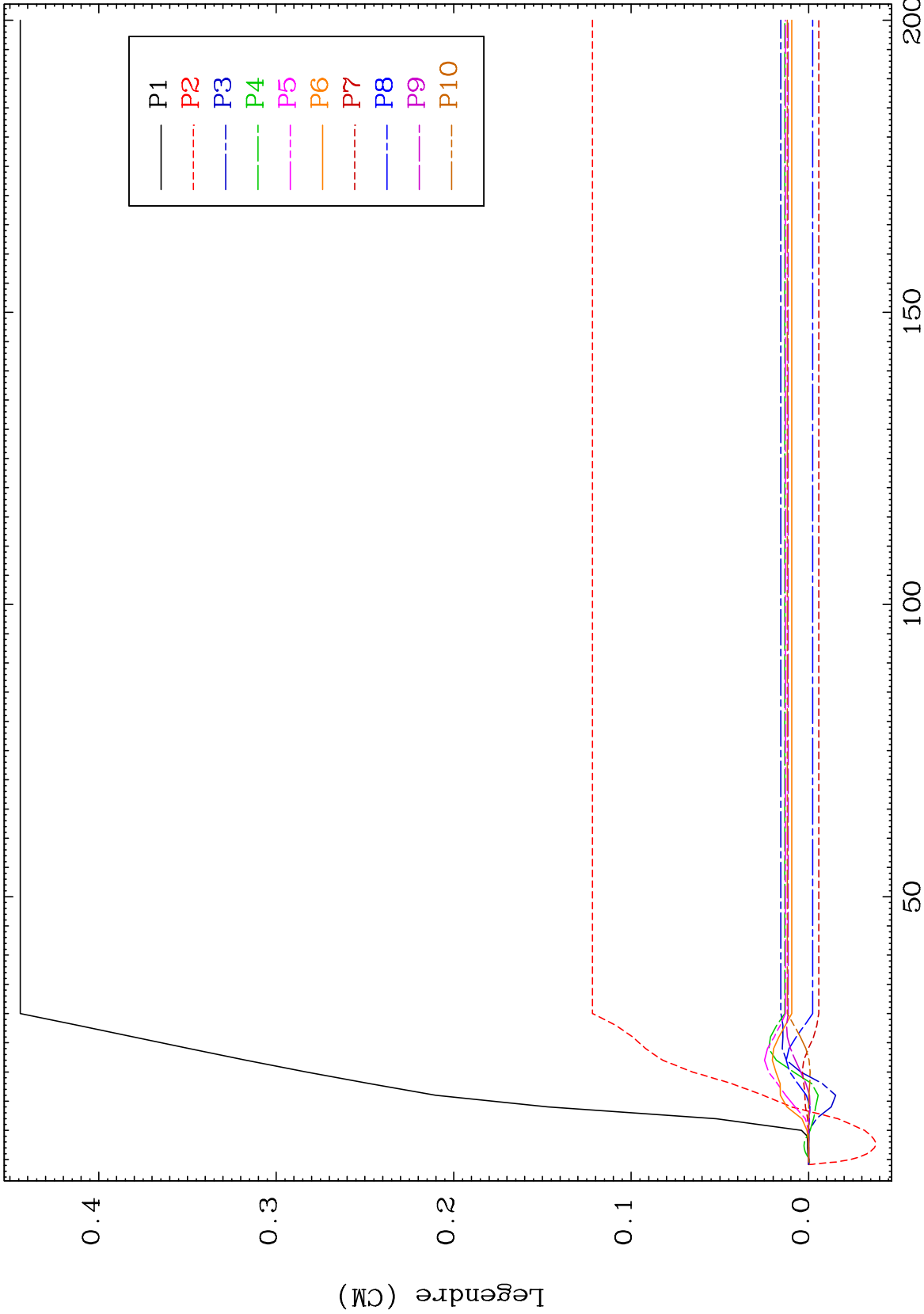


54 Incident Energy (MeV) 22-Ti-52

MAT 2243

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

22-Ti-52



55

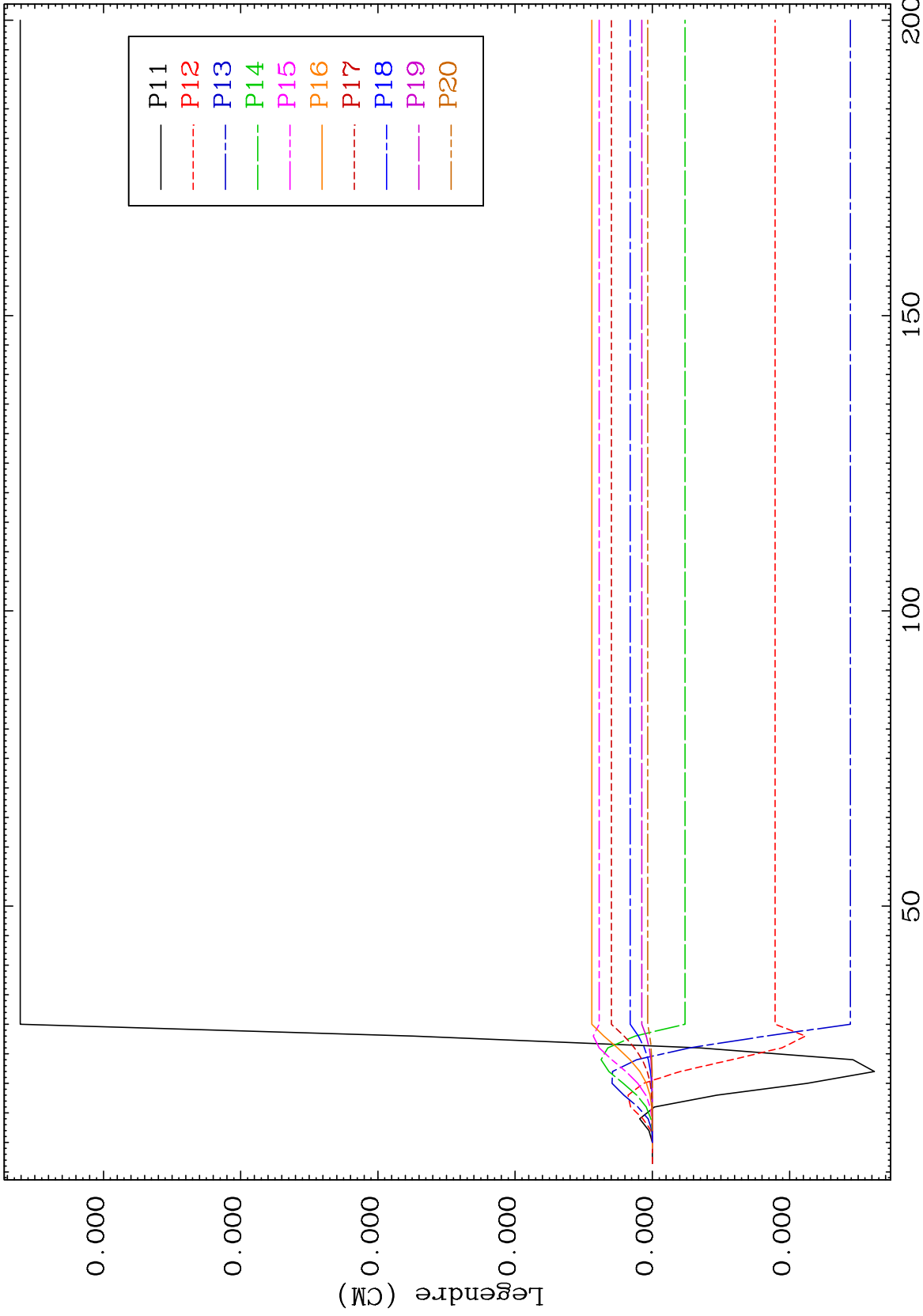
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



56

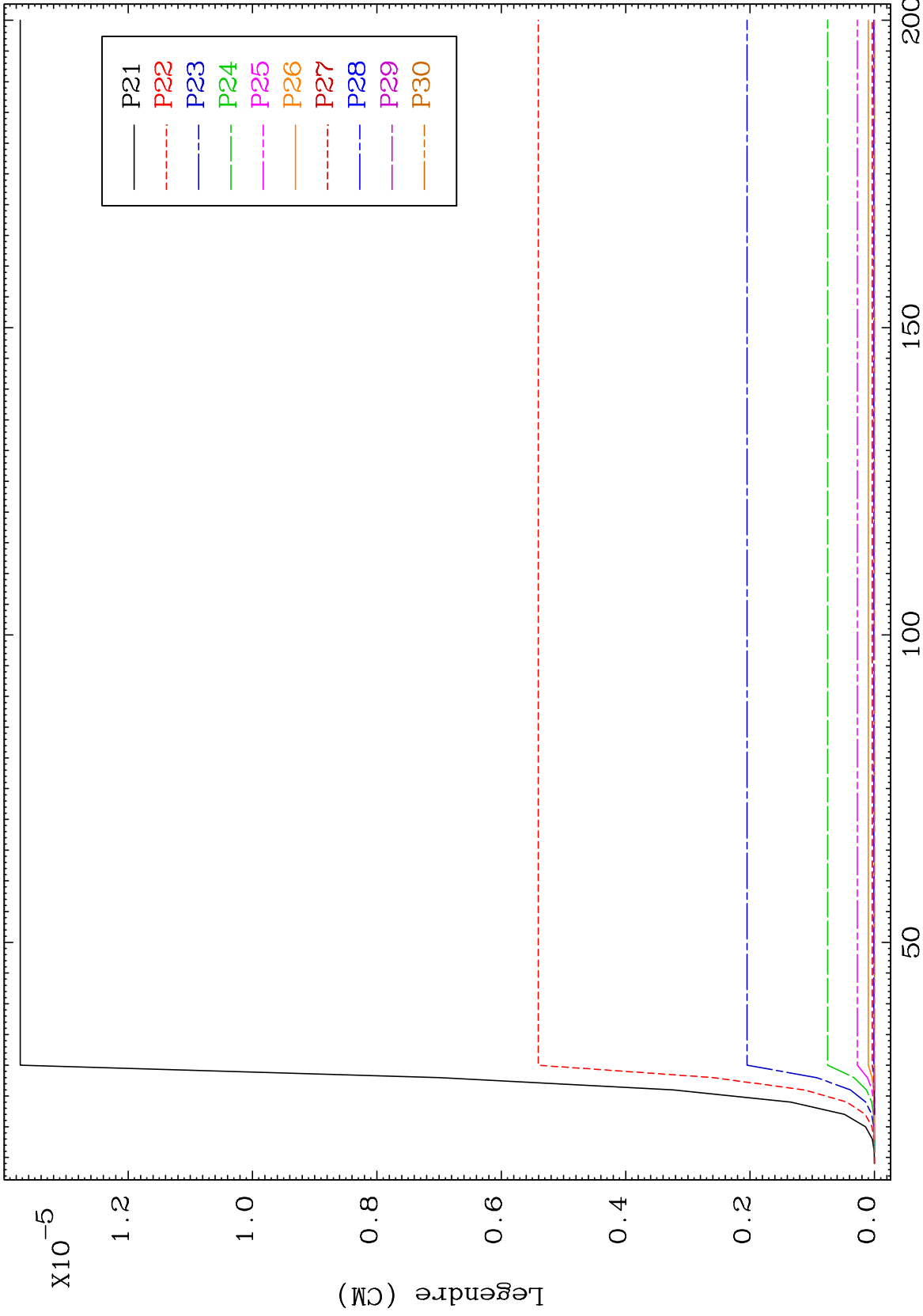
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52

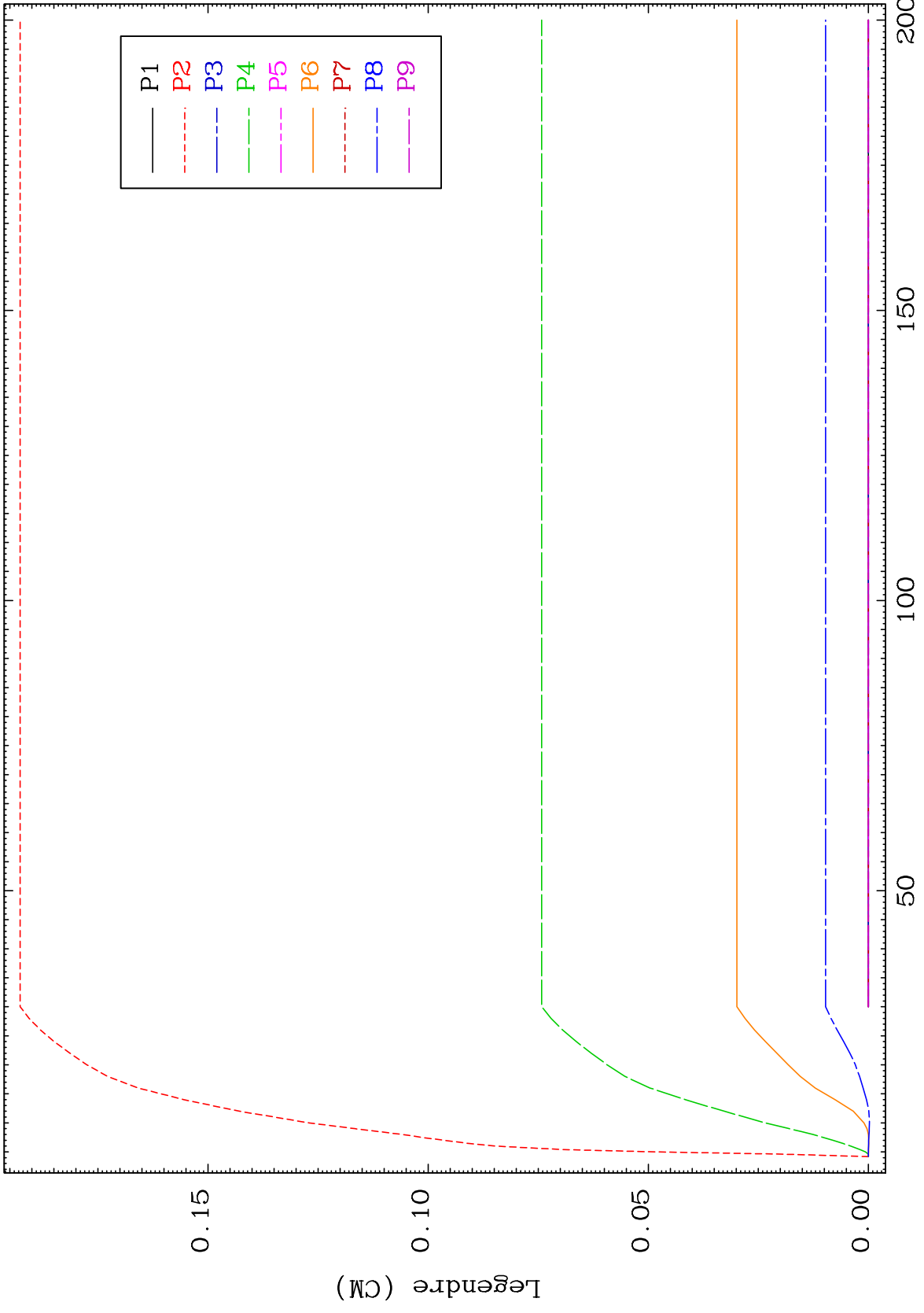


57

Incident Energy (MeV)

22-Ti-52

MAT 2243 MT= 64 (n,n') Level Legendre Coefficients 22-Ti-52

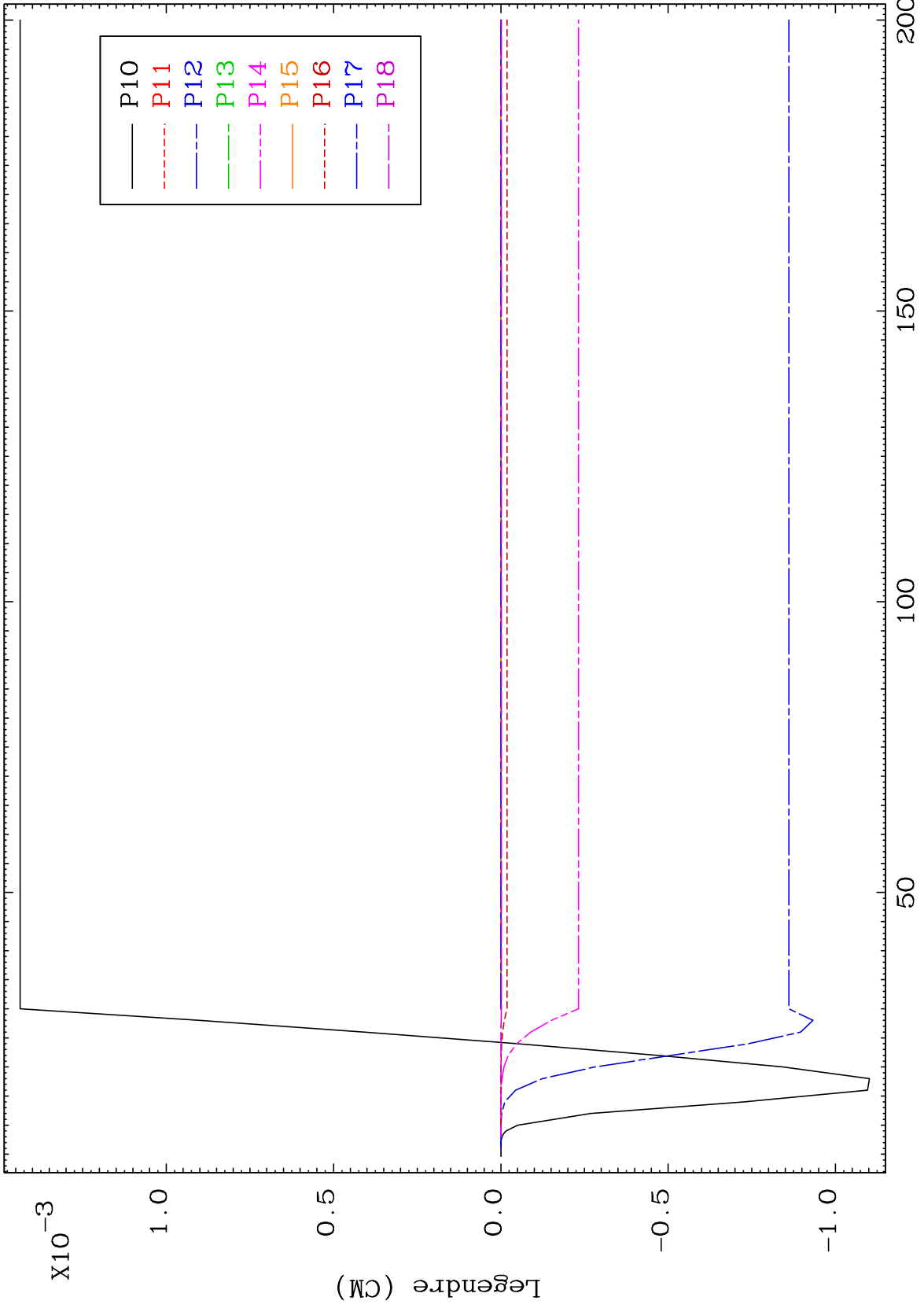


58 Incident Energy (MeV) 22-Ti-52

MAT 2243

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

22-Ti-52

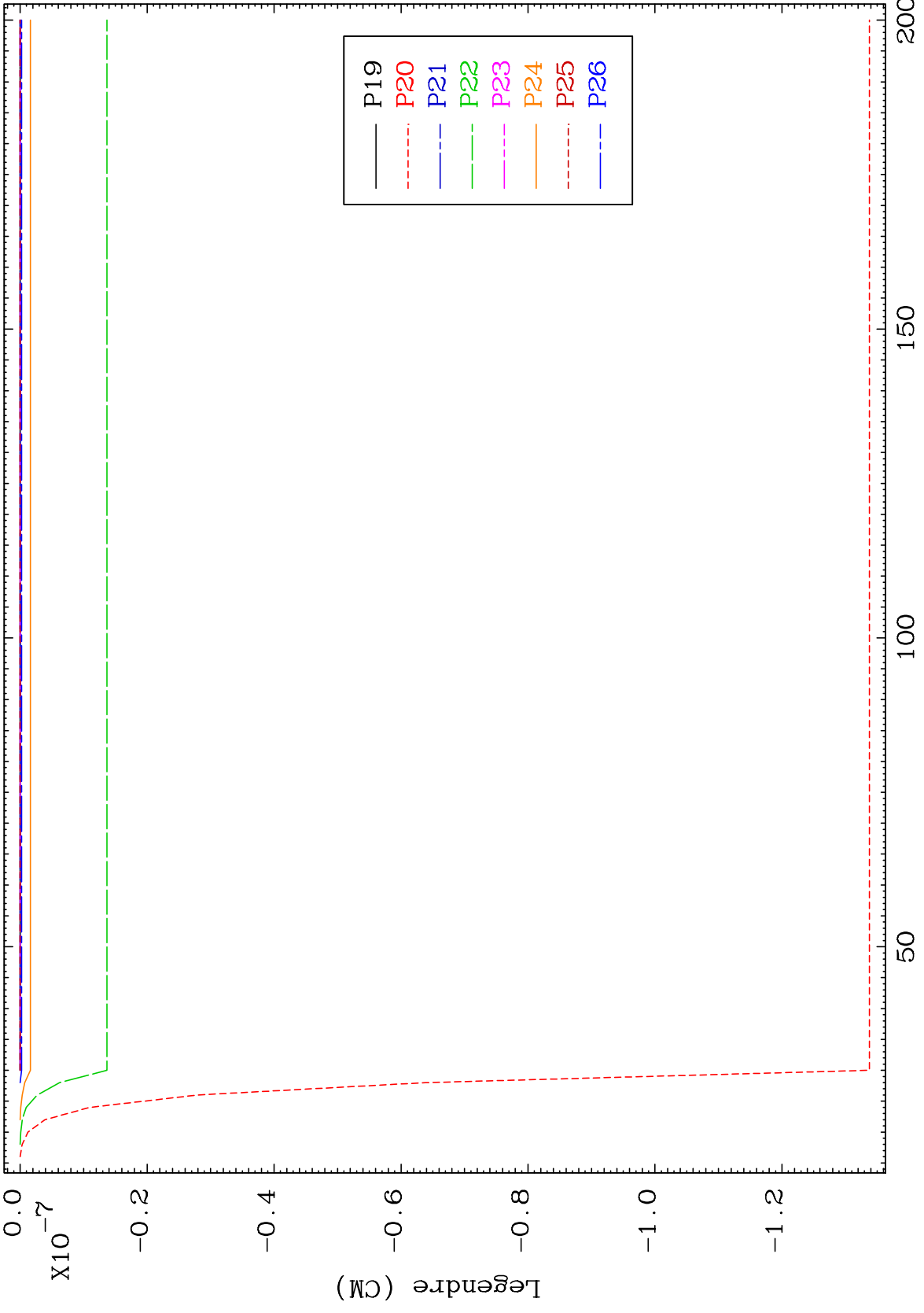


59

Incident Energy (MeV)

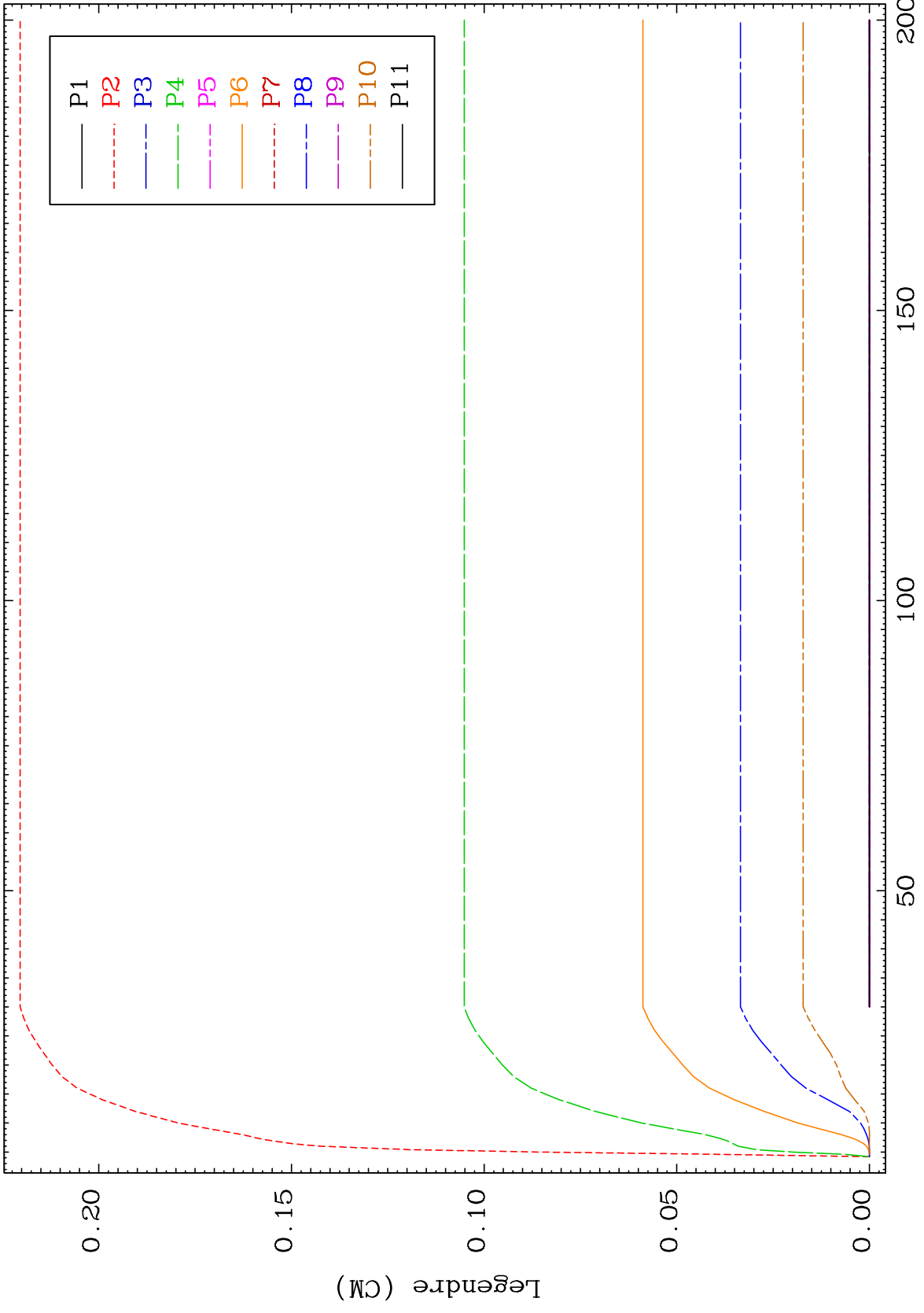
22-Ti-52

MAT 2243 MT= 64 (n,n') Level Legendre Coefficients 22-Ti-52



60 Incident Energy (MeV) 22-Ti-52

MAT 2243 MT= 65 (n,n') Level Legendre Coefficients 22-Ti-52

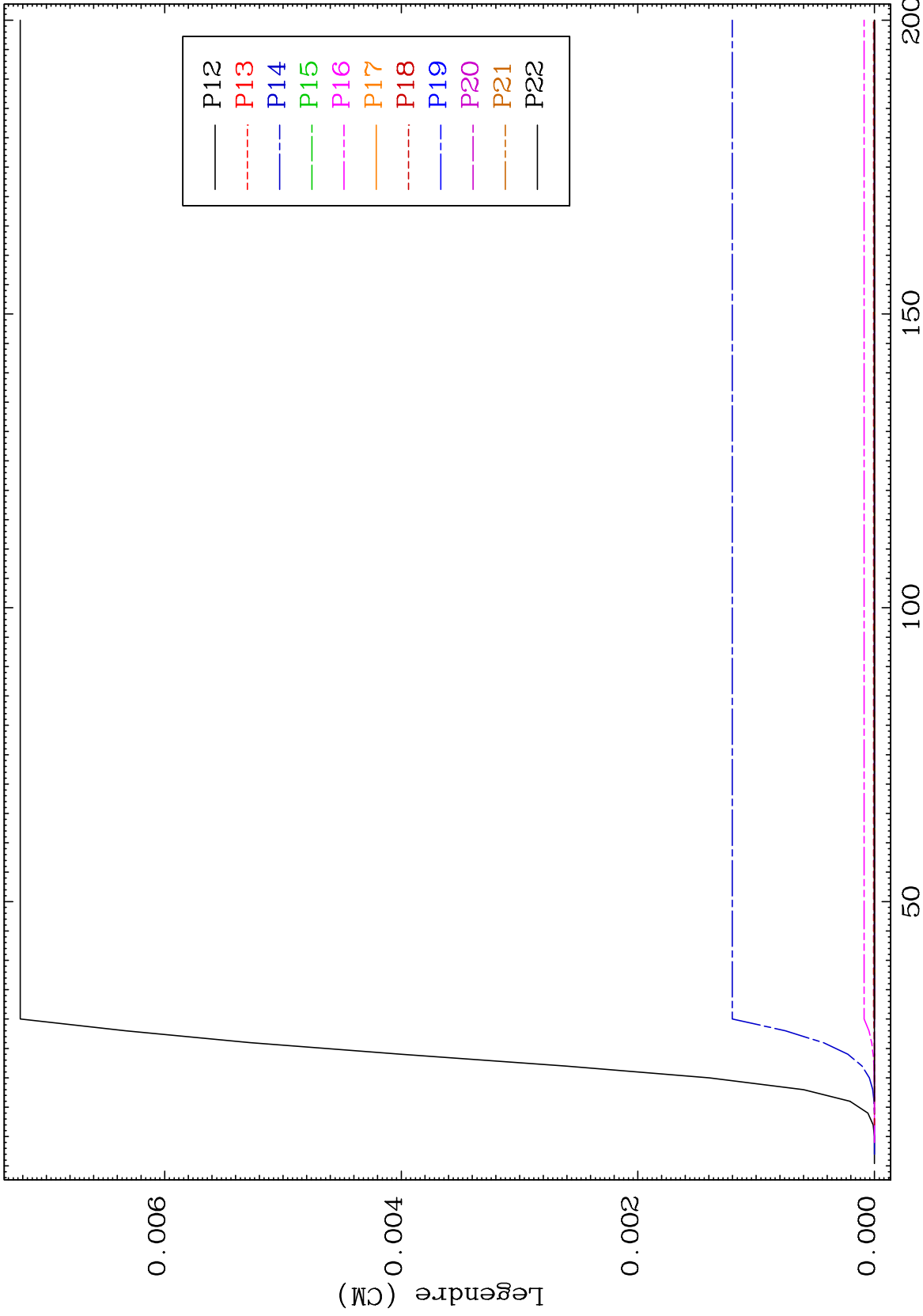


61 Incident Energy (MeV) 22-Ti-52

MAT 2243

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

22-Ti-52

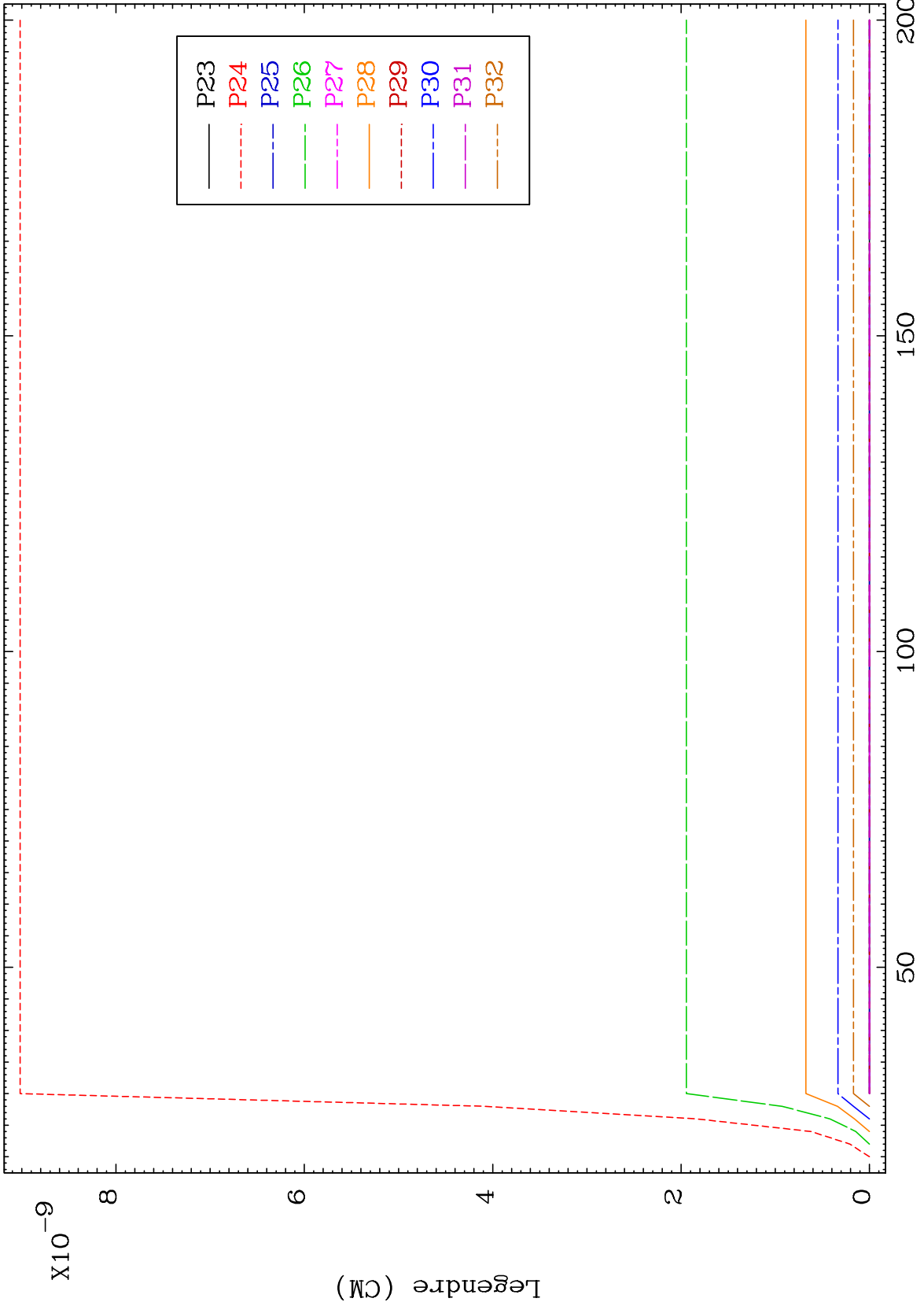


62

Incident Energy (MeV)

22-Ti-52

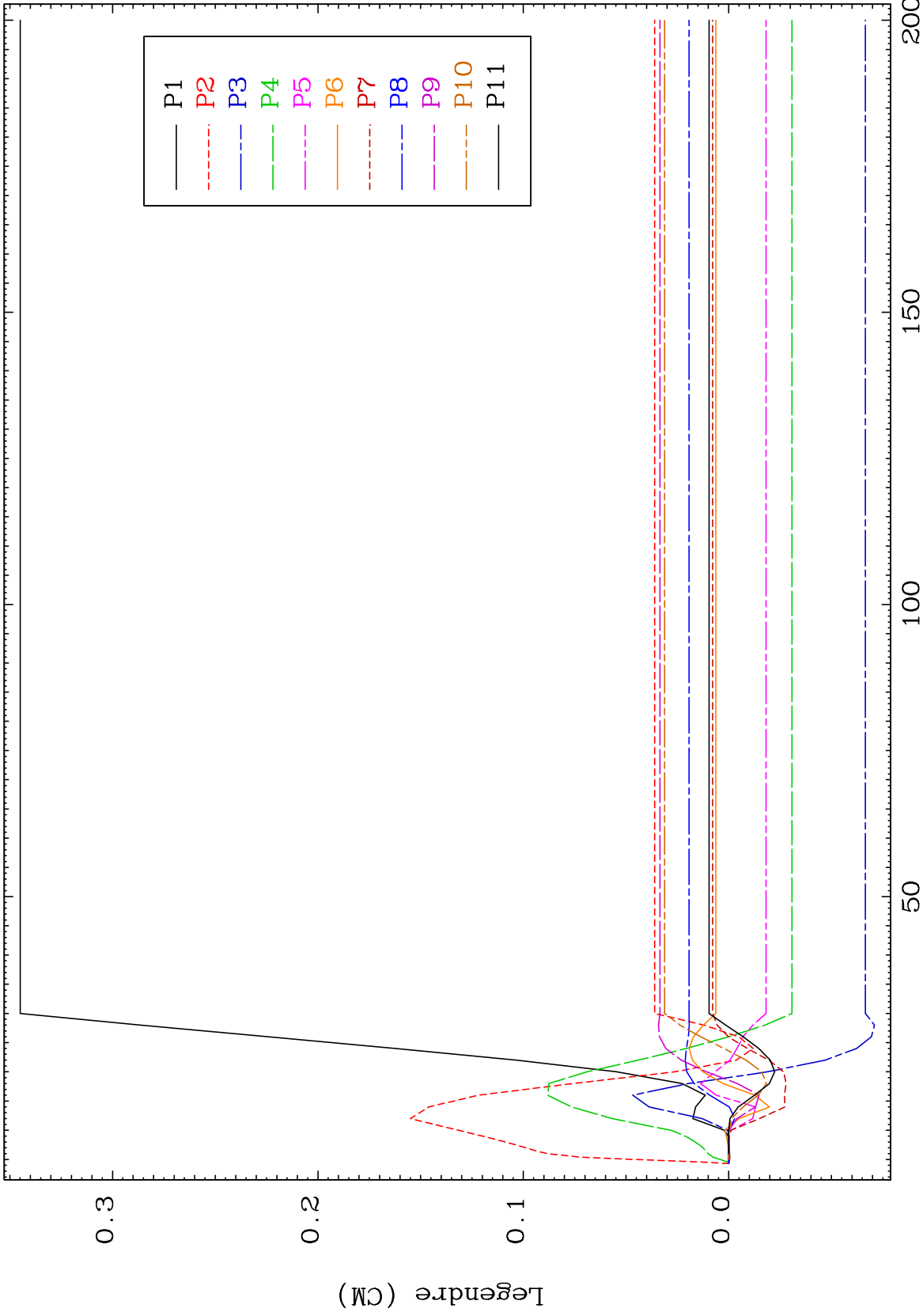
MAT 2243 MT= 65 (n,n') Level Legendre Coefficients 22-Ti-52



MAT 2243

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

22-Ti-52



64

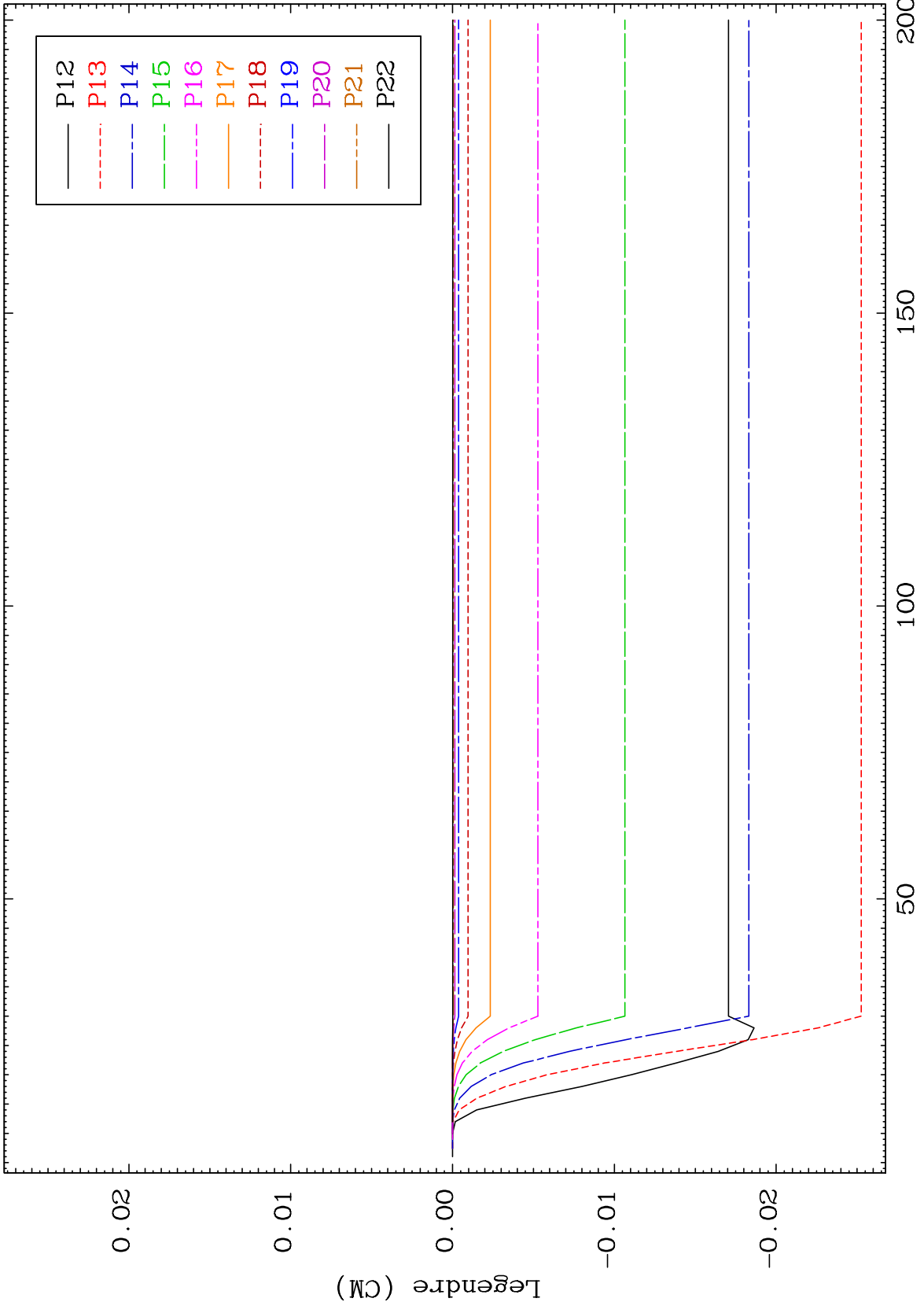
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52

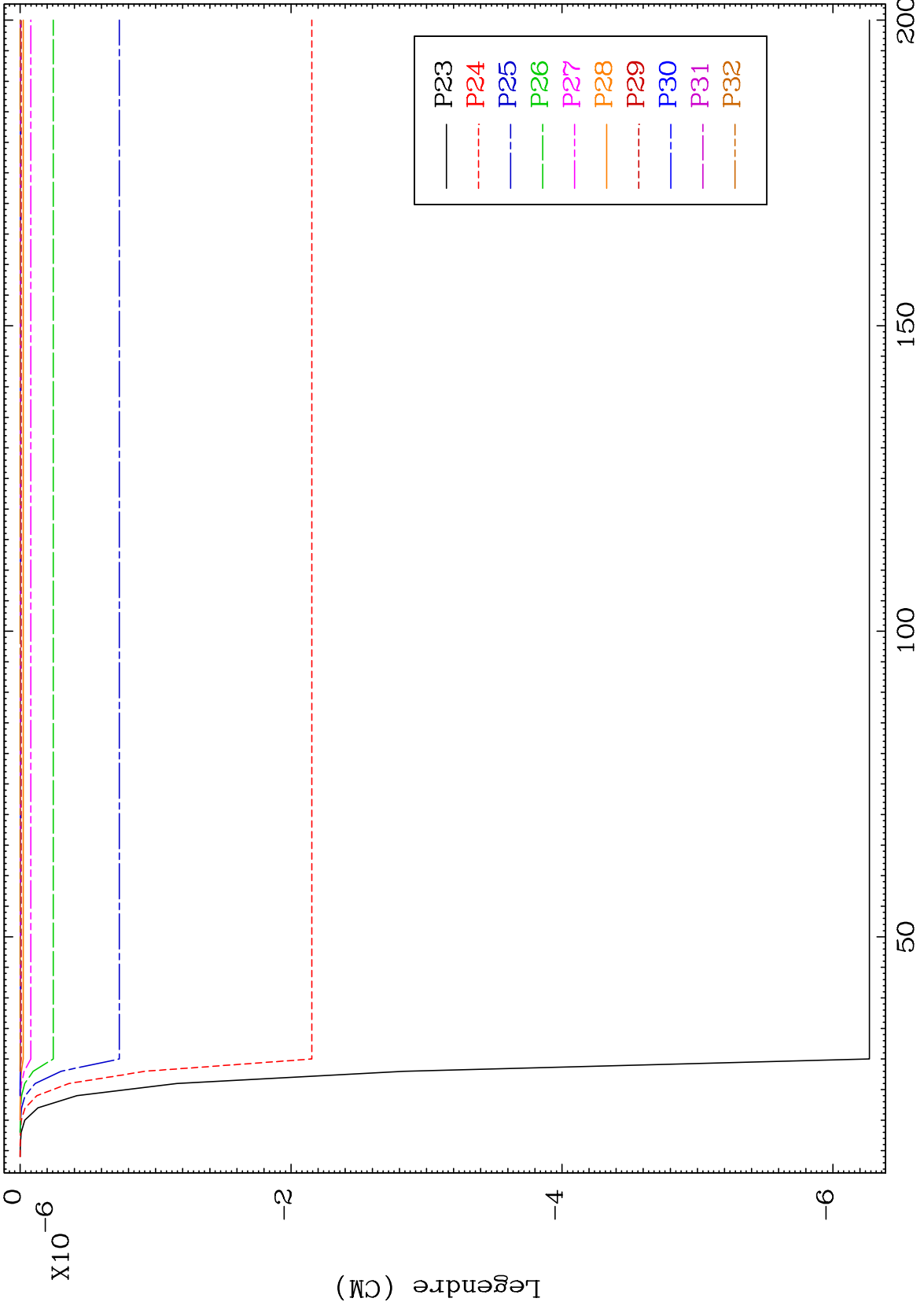


65

Incident Energy (MeV)

22-Ti-52

MAT 2243 MT= 66 (n,n') Level Legendre Coefficients 22-Ti-52

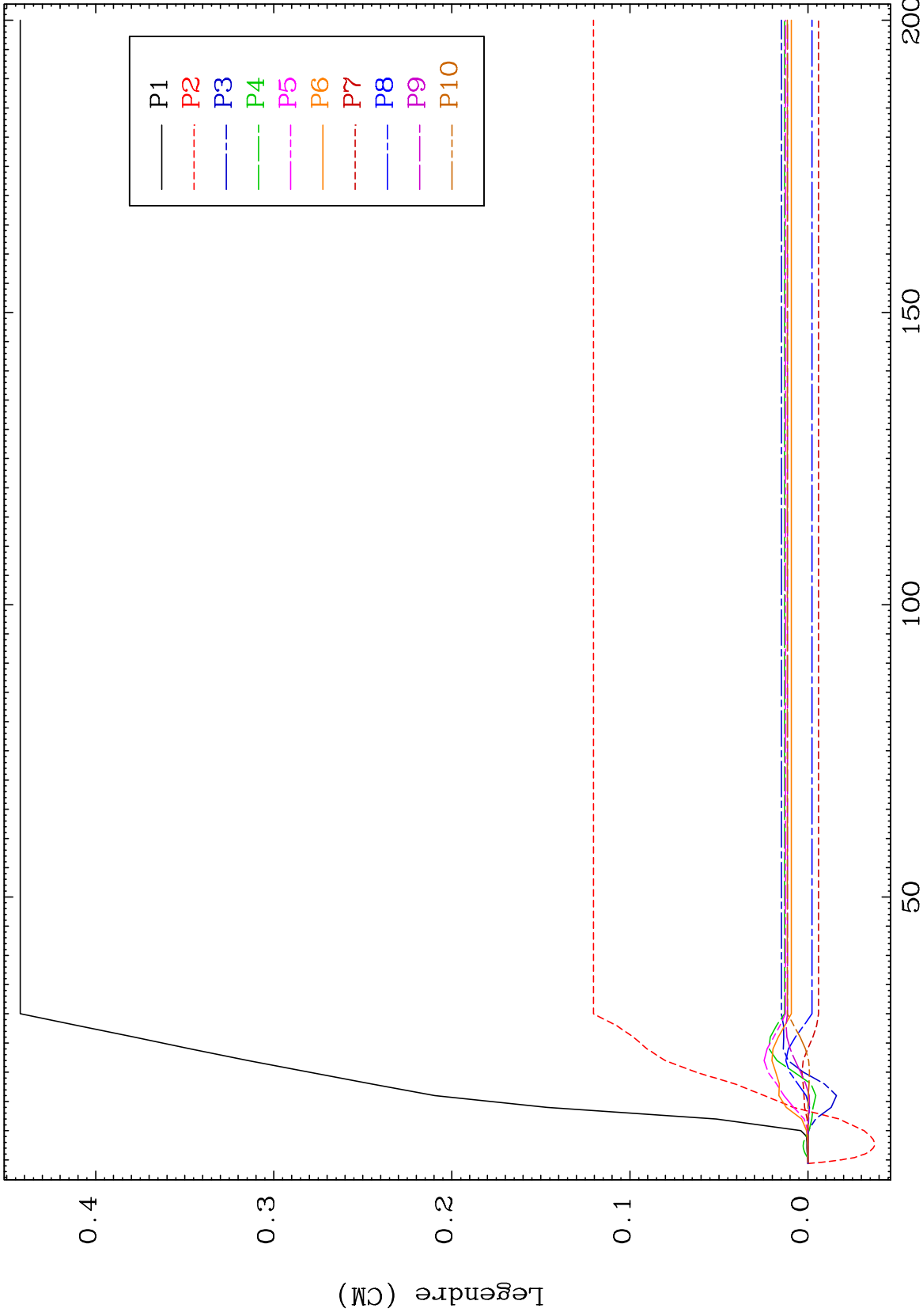


66 Incident Energy (MeV) 22-Ti-52

MAT 2243

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

22-Ti-52



67

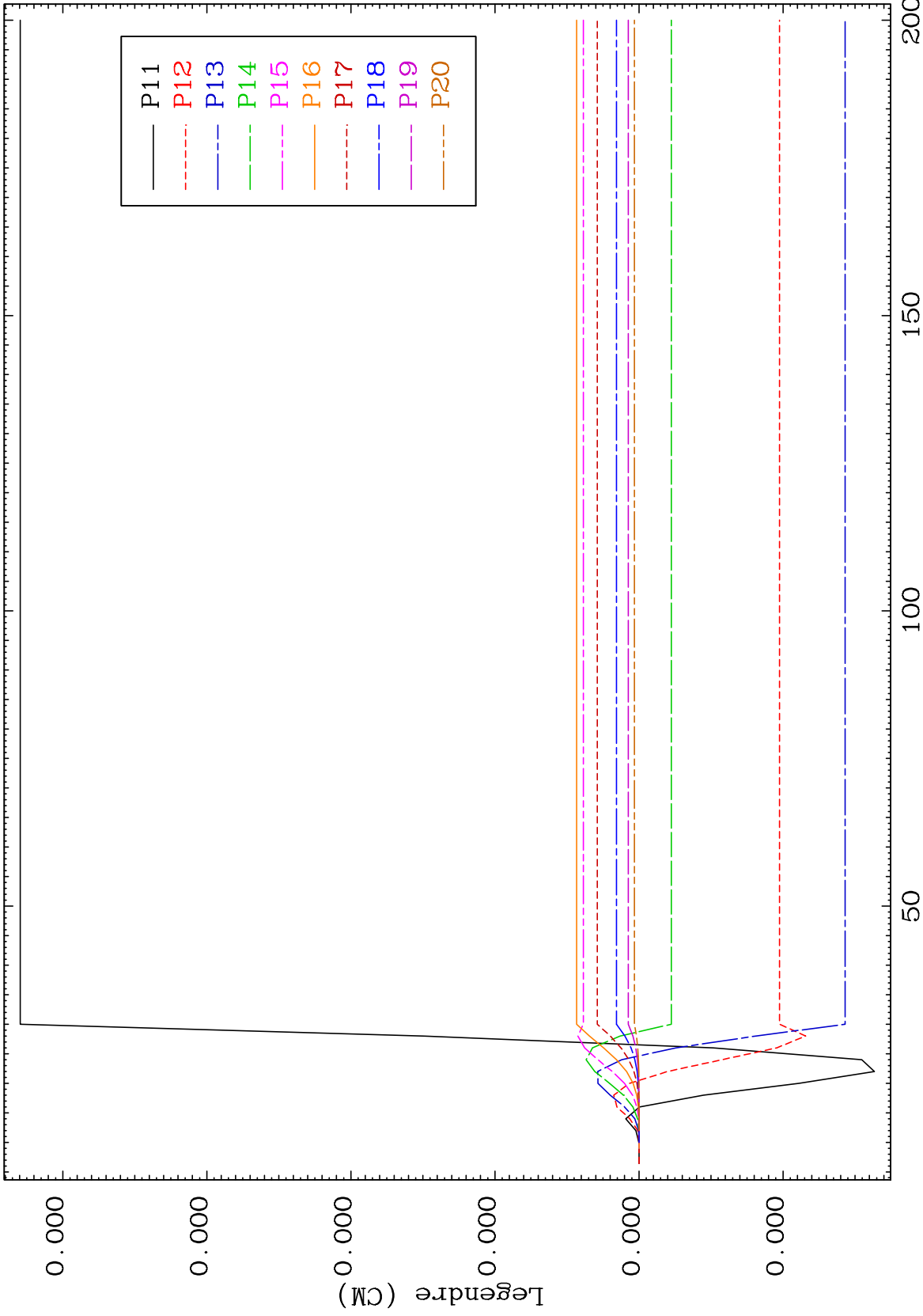
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



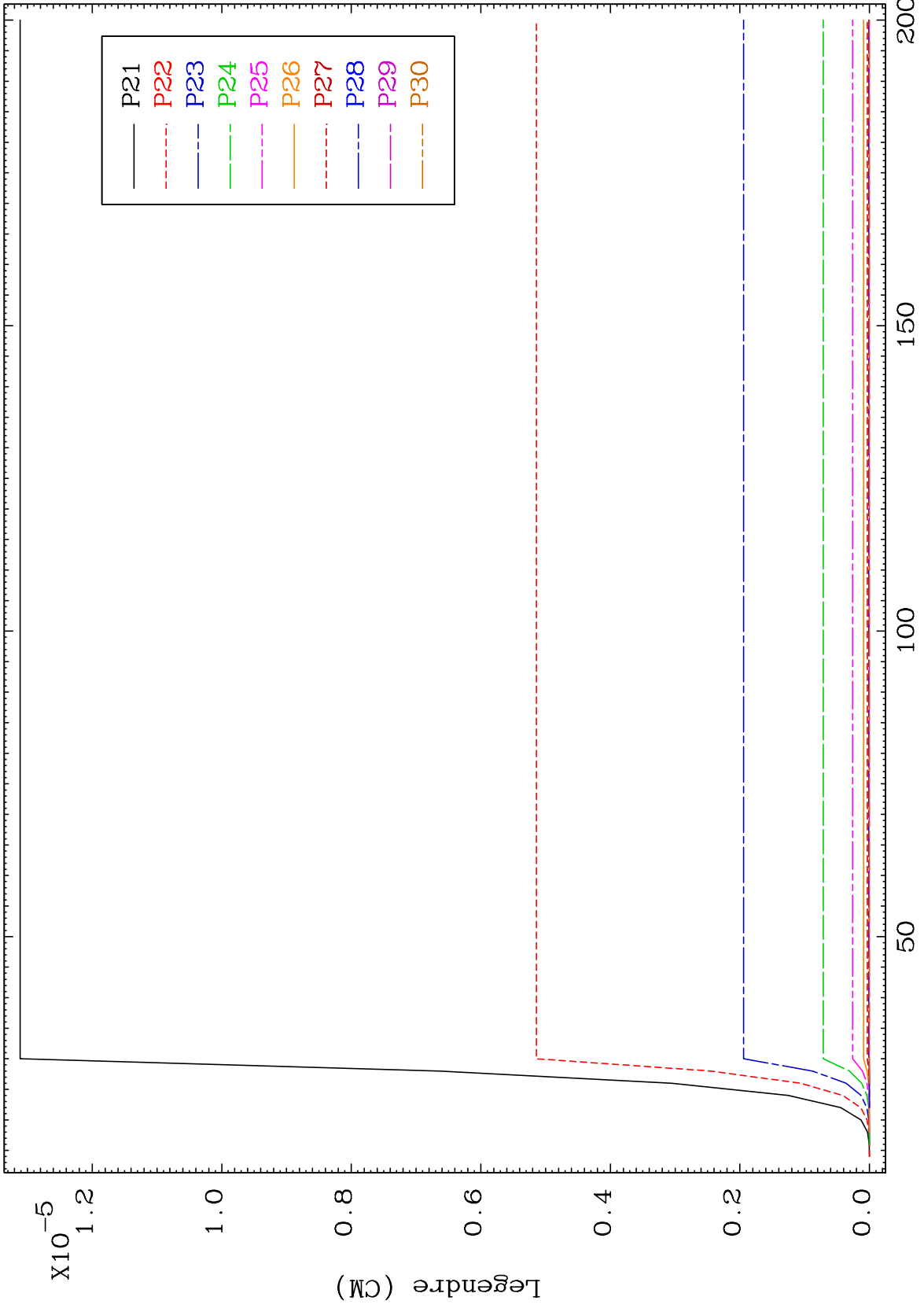
68

22-Ti-52

MAT 2243

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

22-Ti-52



69

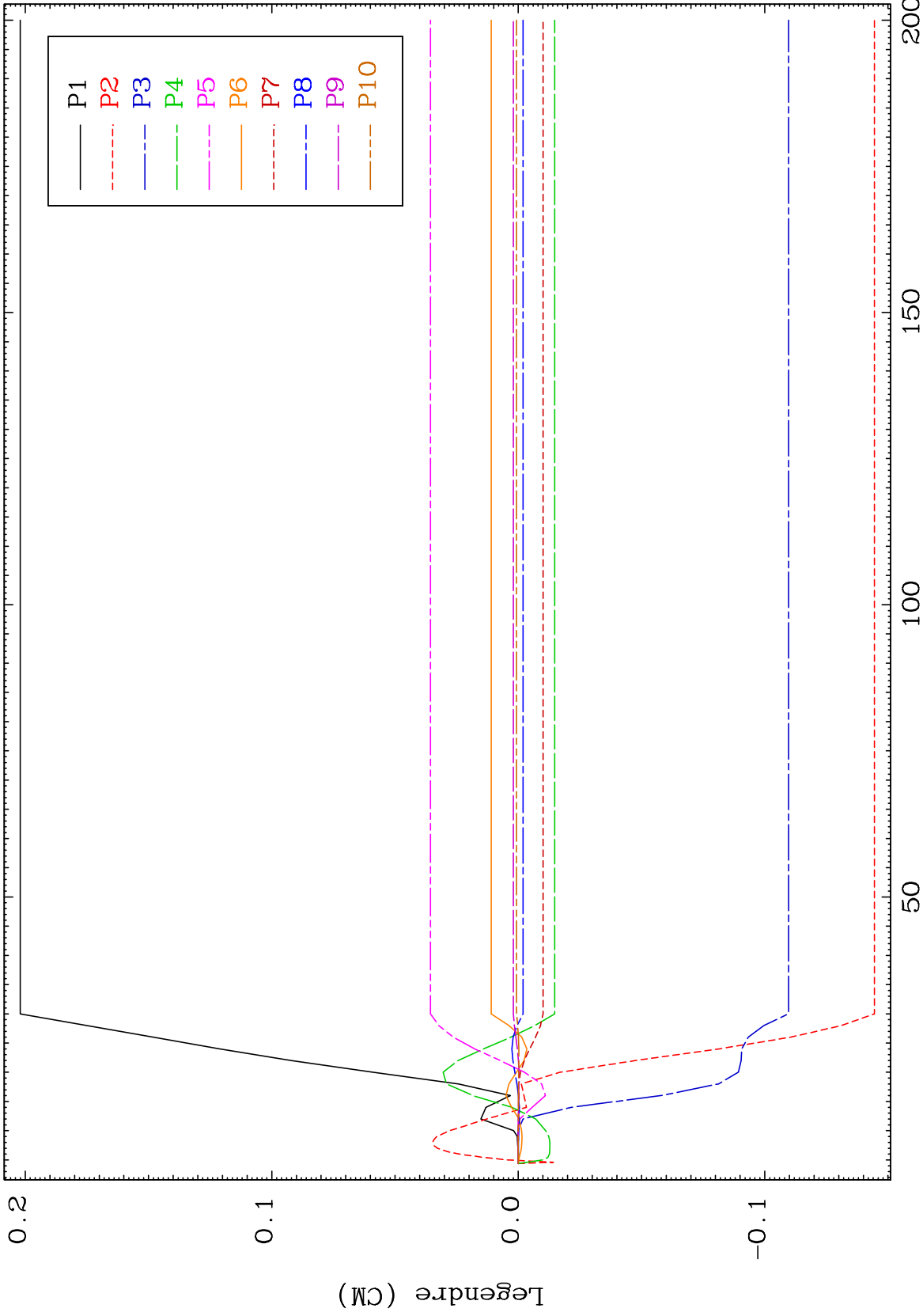
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52

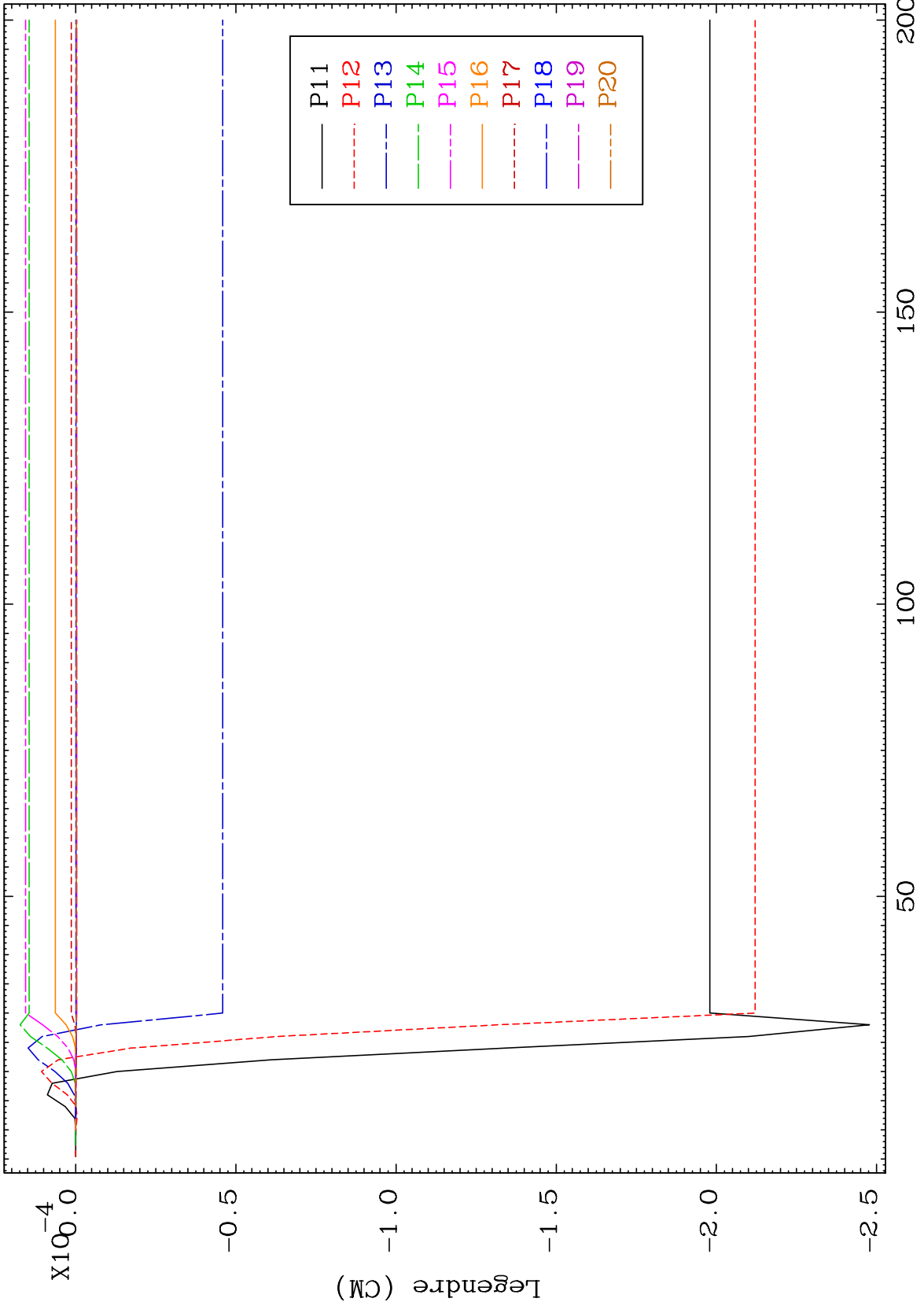


70

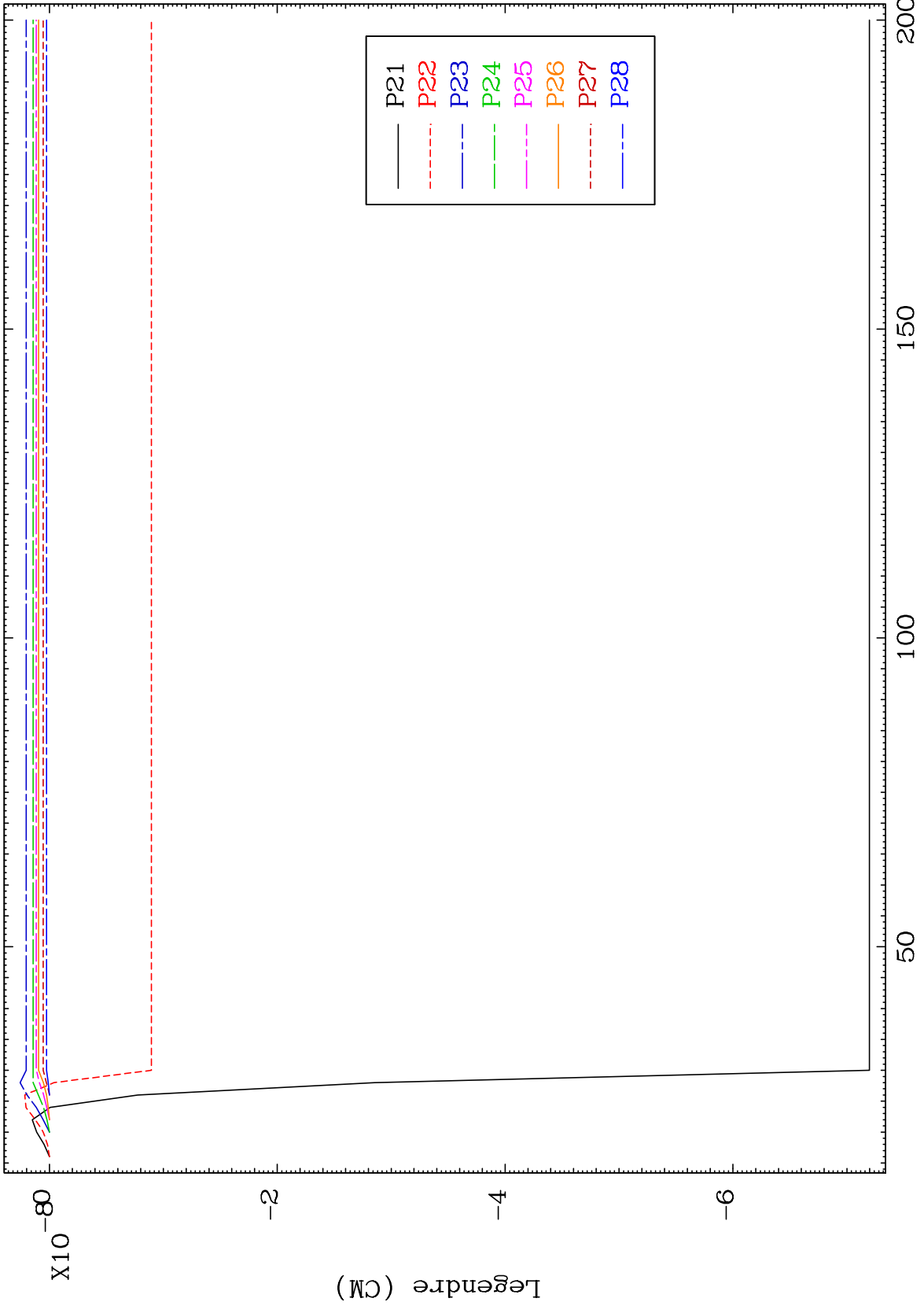
Incident Energy (MeV)

22-Ti-52

MAT 2243 MT= 68 (n,n') Level Legendre Coefficients 22-Ti-52



MAT 2243 MT= 68 (n,n') Level Legendre Coefficients 22-Ti-52

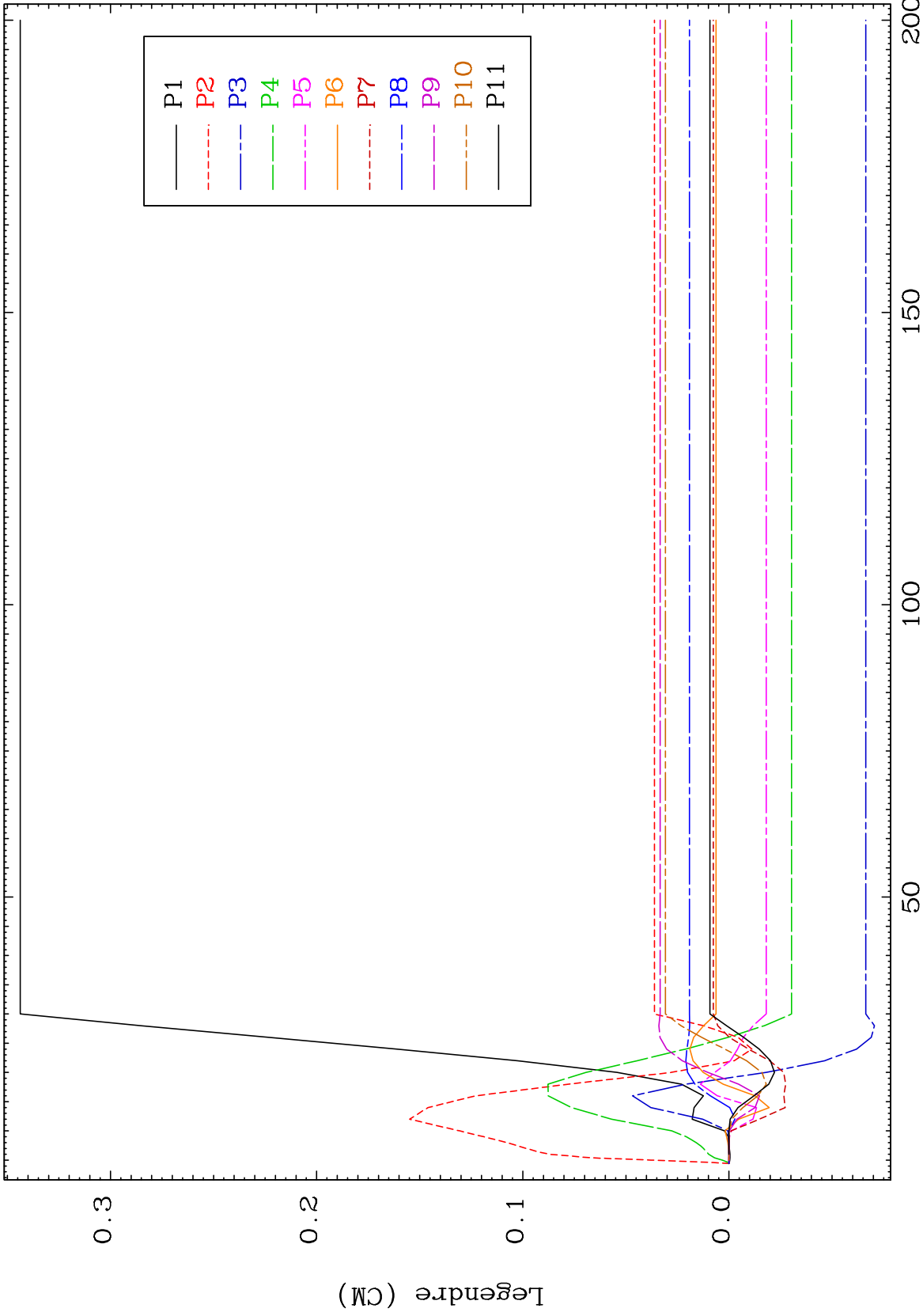


72 Incident Energy (MeV) 22-Ti-52

MAT 2243

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

22-Ti-52



73

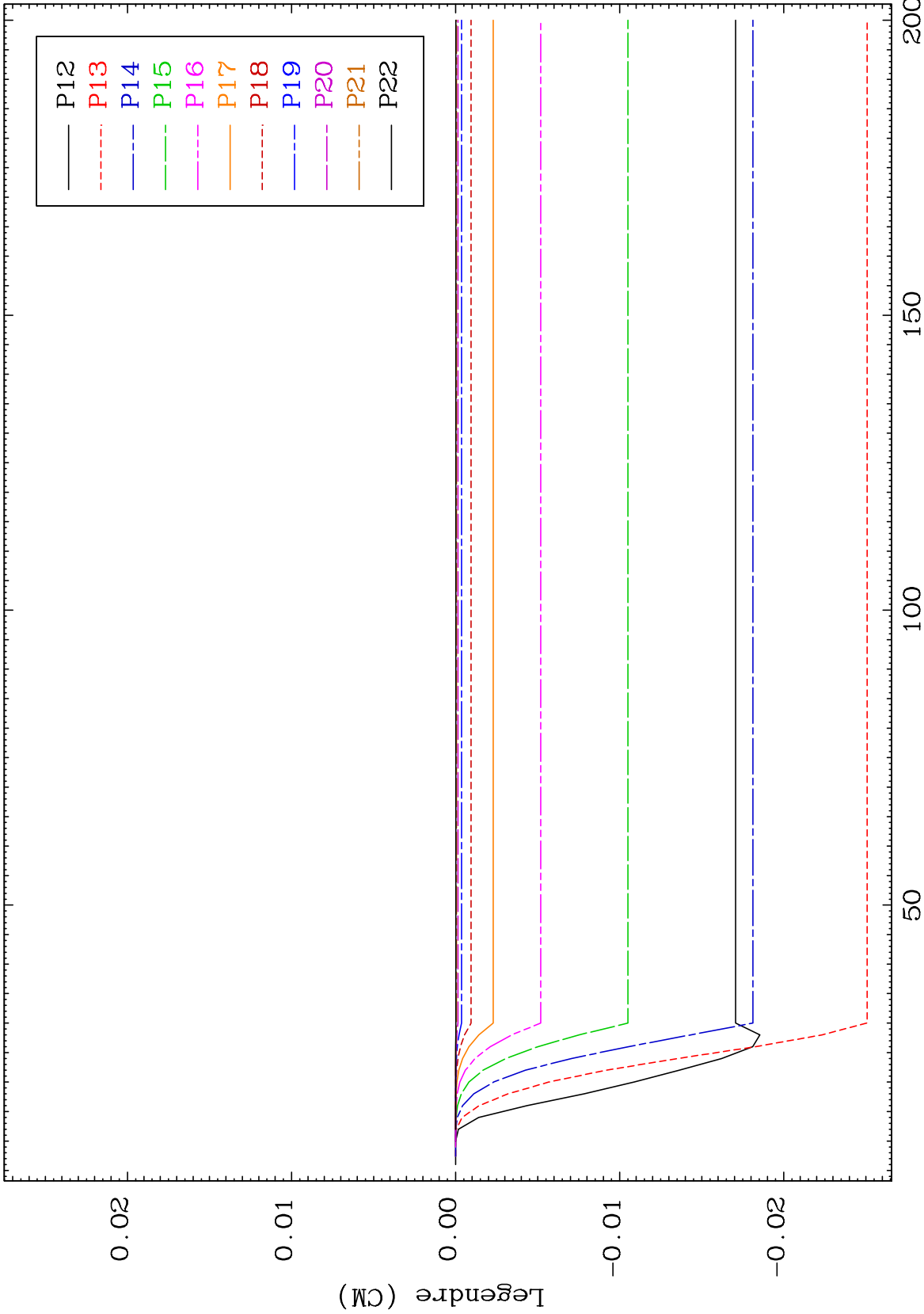
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



74

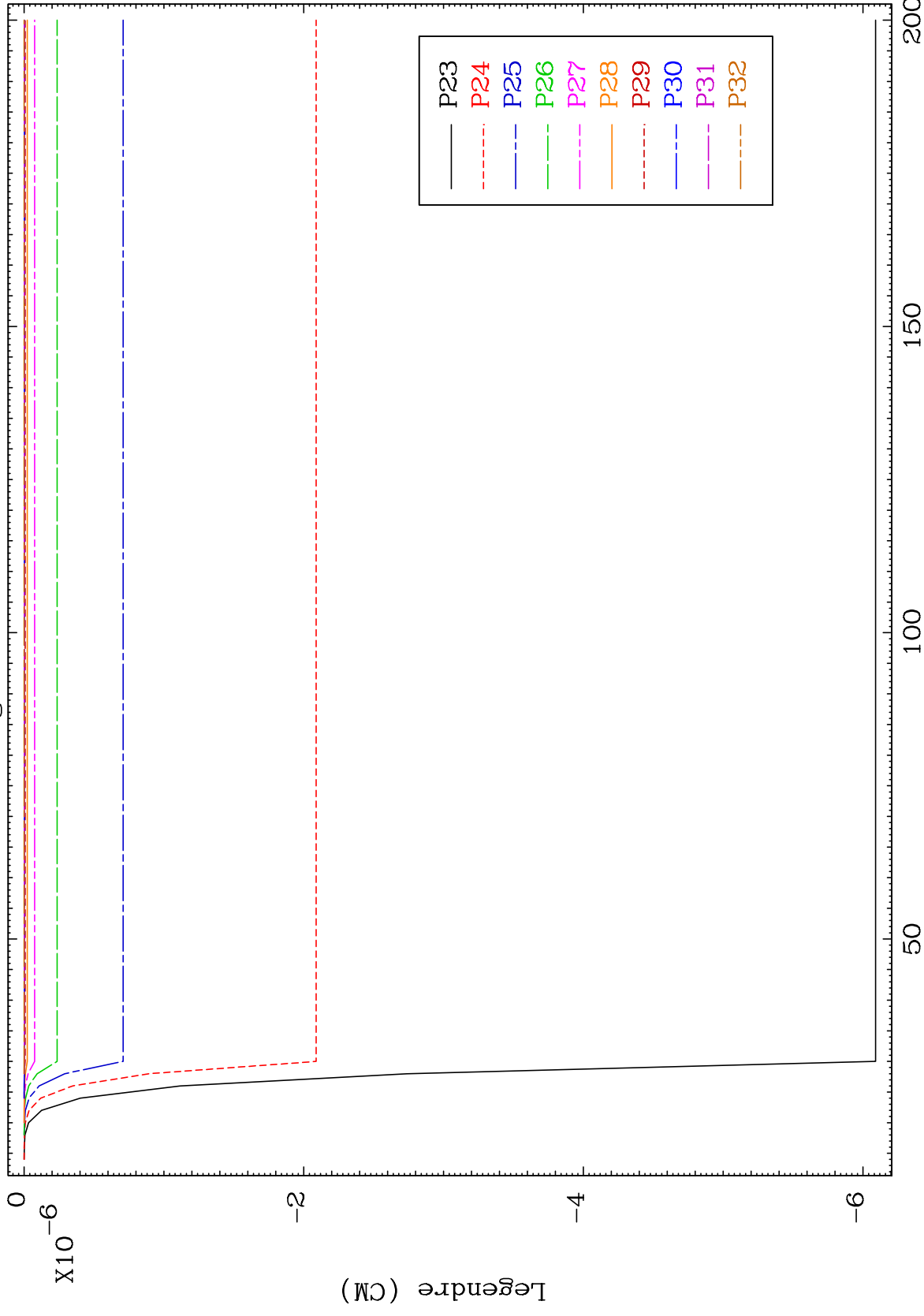
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



22-Ti-52

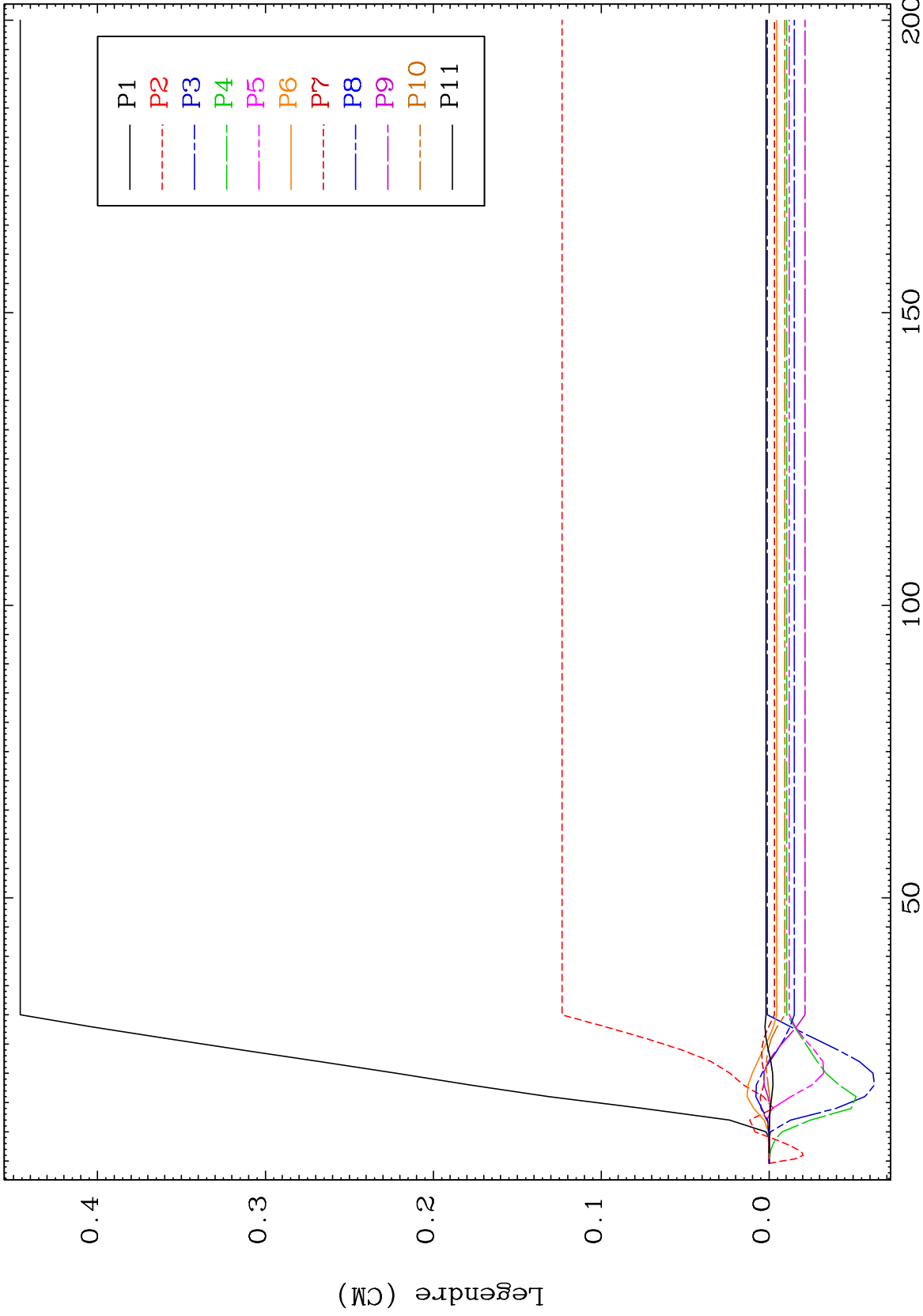
Incident Energy (MeV)

75

MAT 2243

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

22-Ti-52



76

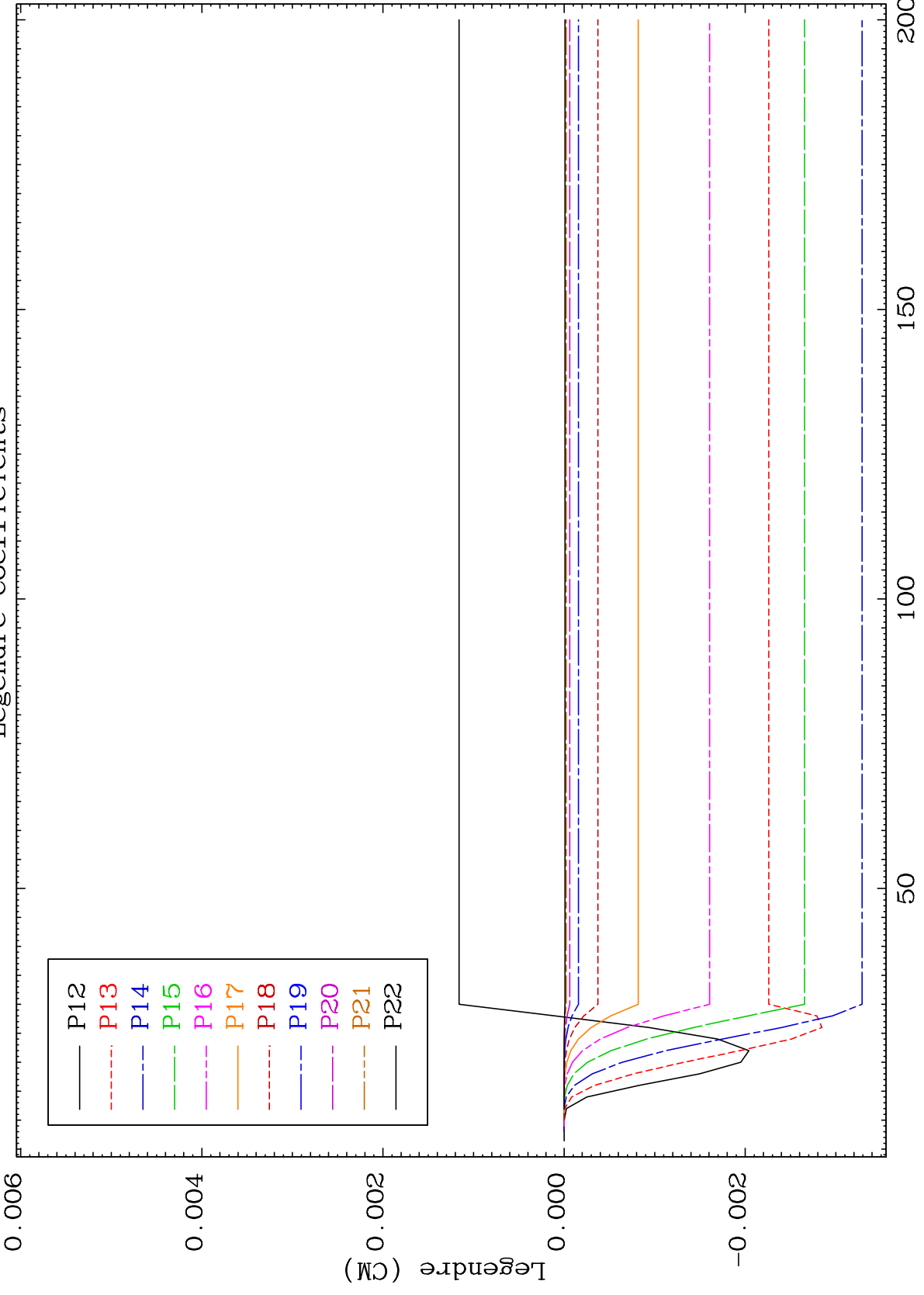
Incident Energy (MeV)

22-Ti-52

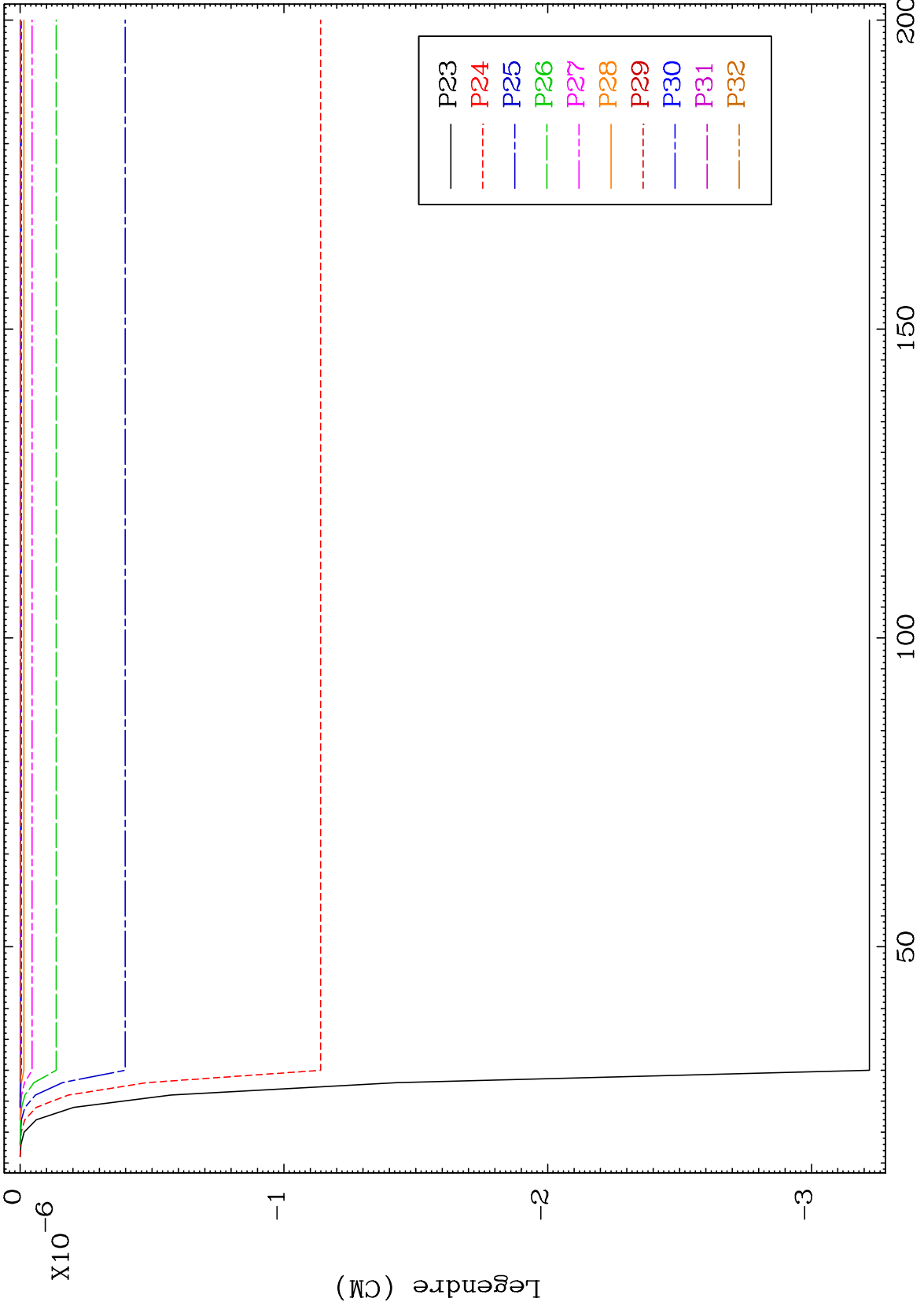
MAT 2243

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

22-Ti-52



MAT 2243 MT= 70 (n,n') Level Legendre Coefficients 22-Ti-52

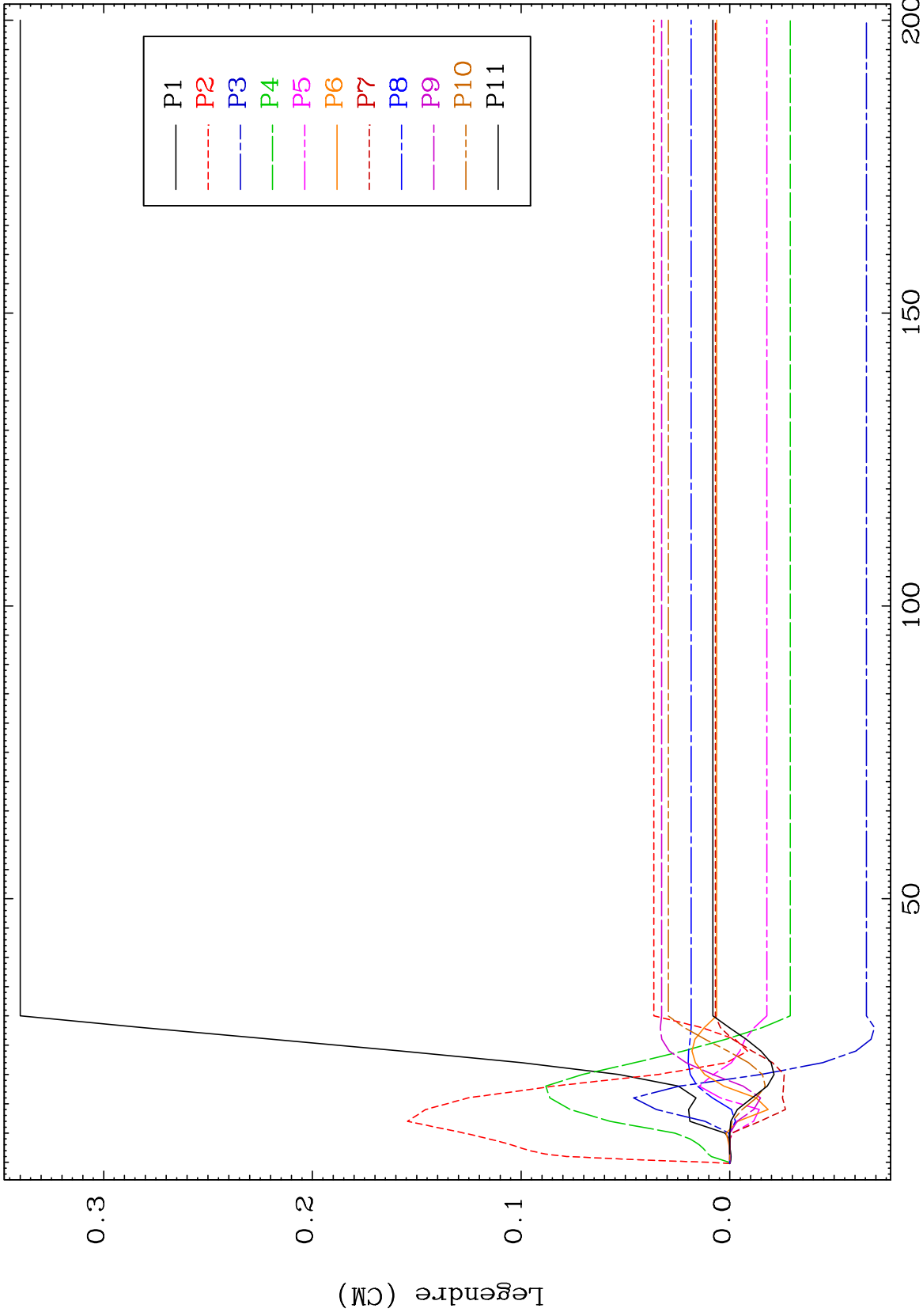


78 Incident Energy (MeV) 22-Ti-52

MAT 2243

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

22-Ti-52



79

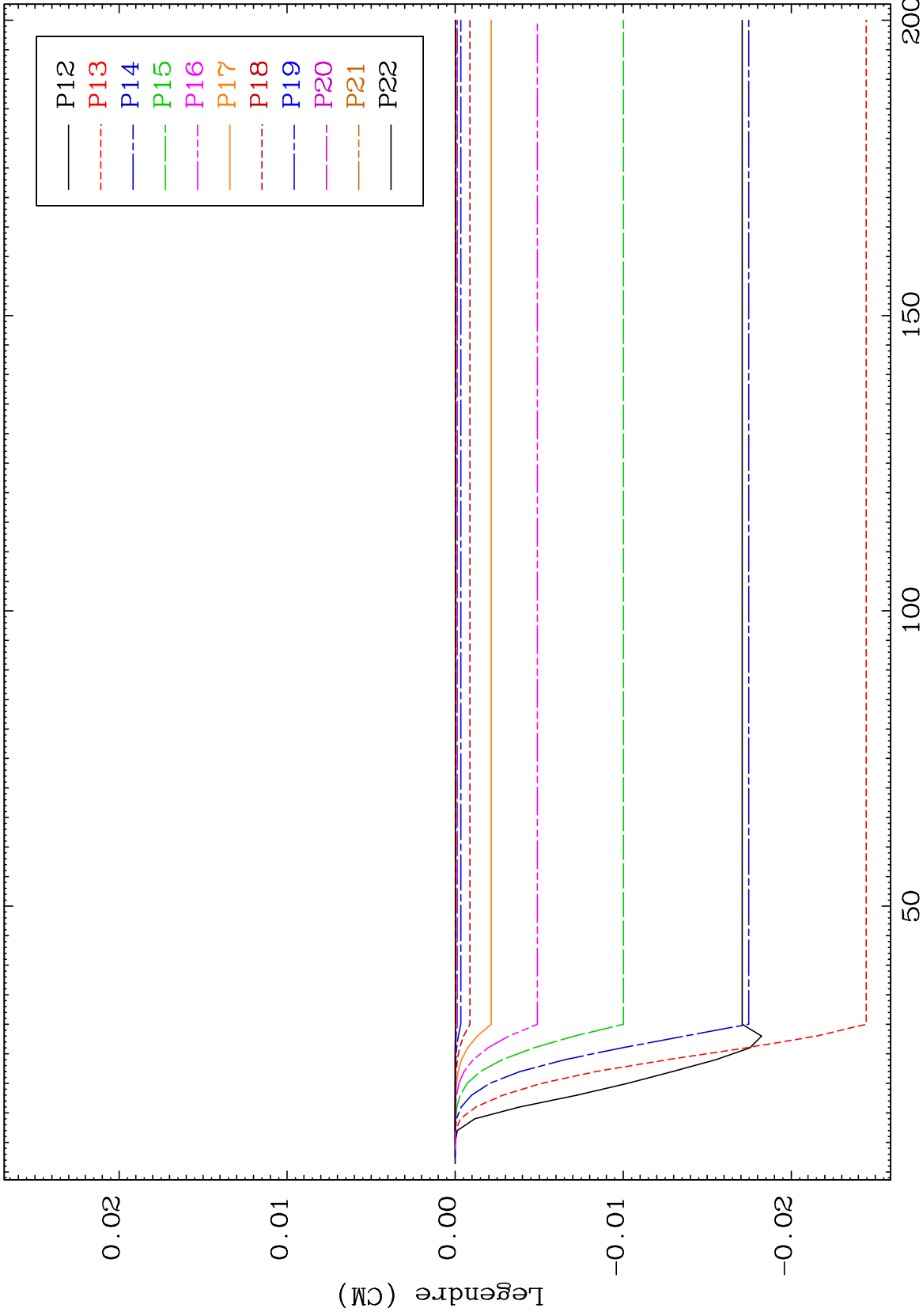
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



80

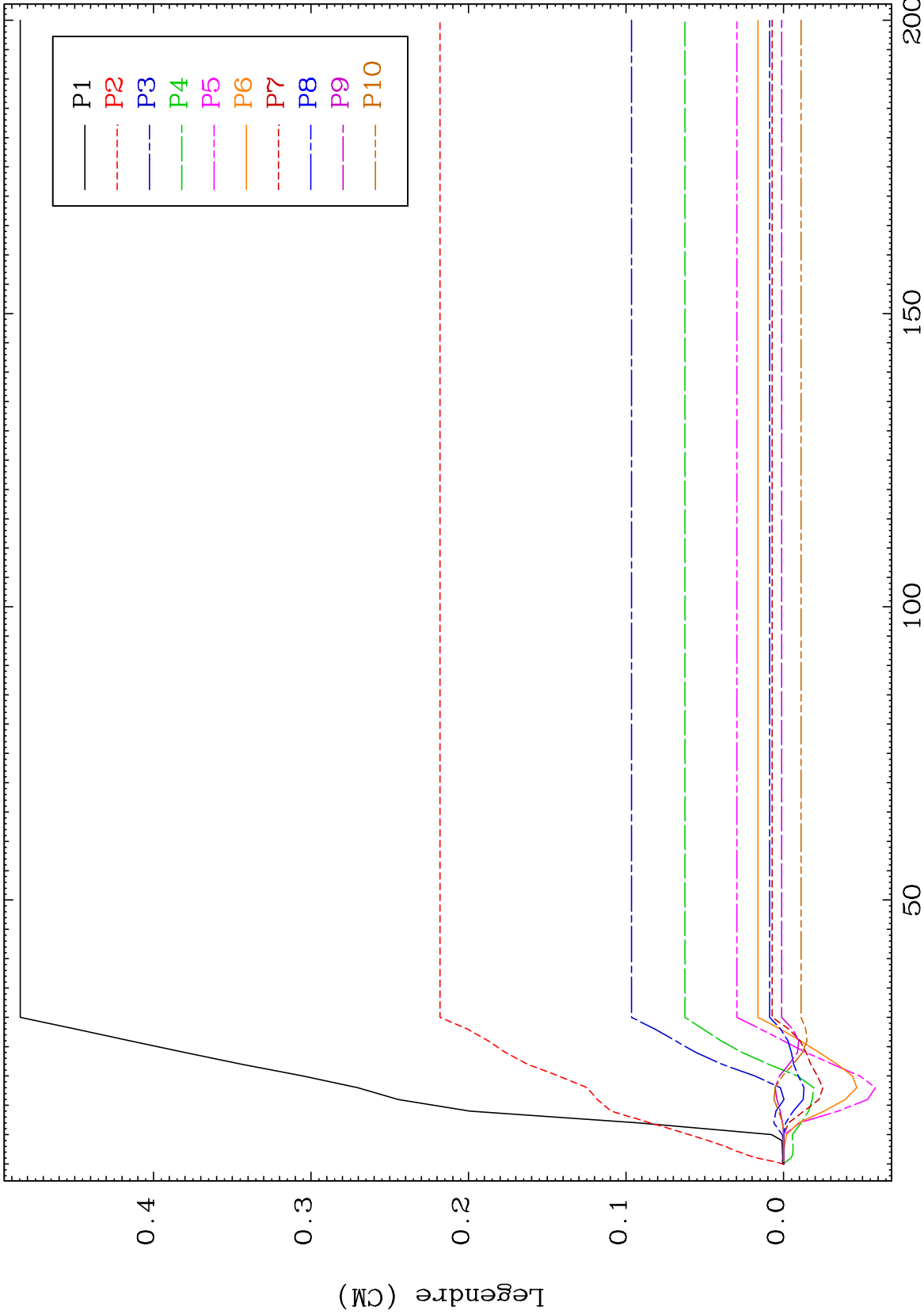
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

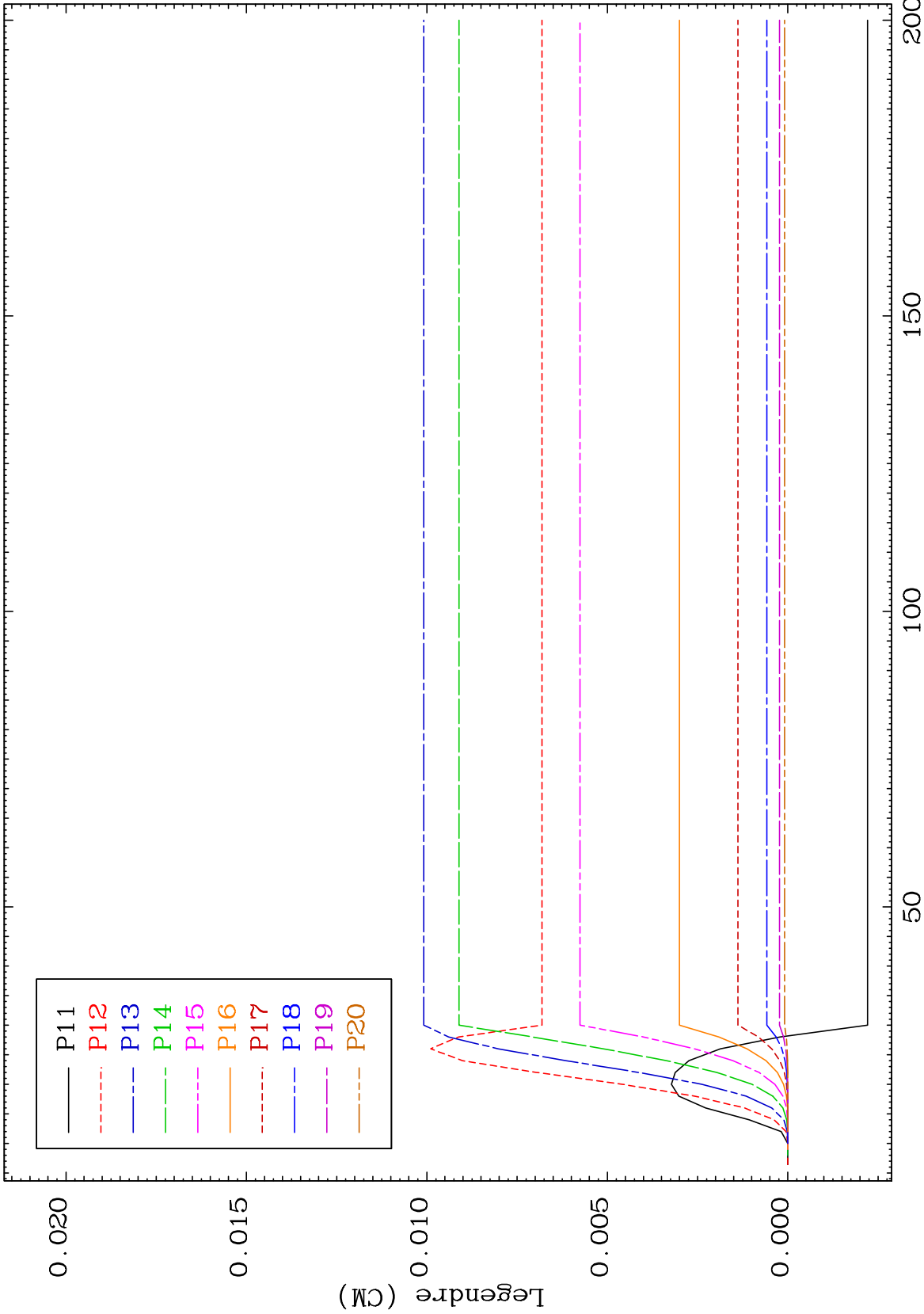
22-Ti-52



82

Incident Energy (MeV)

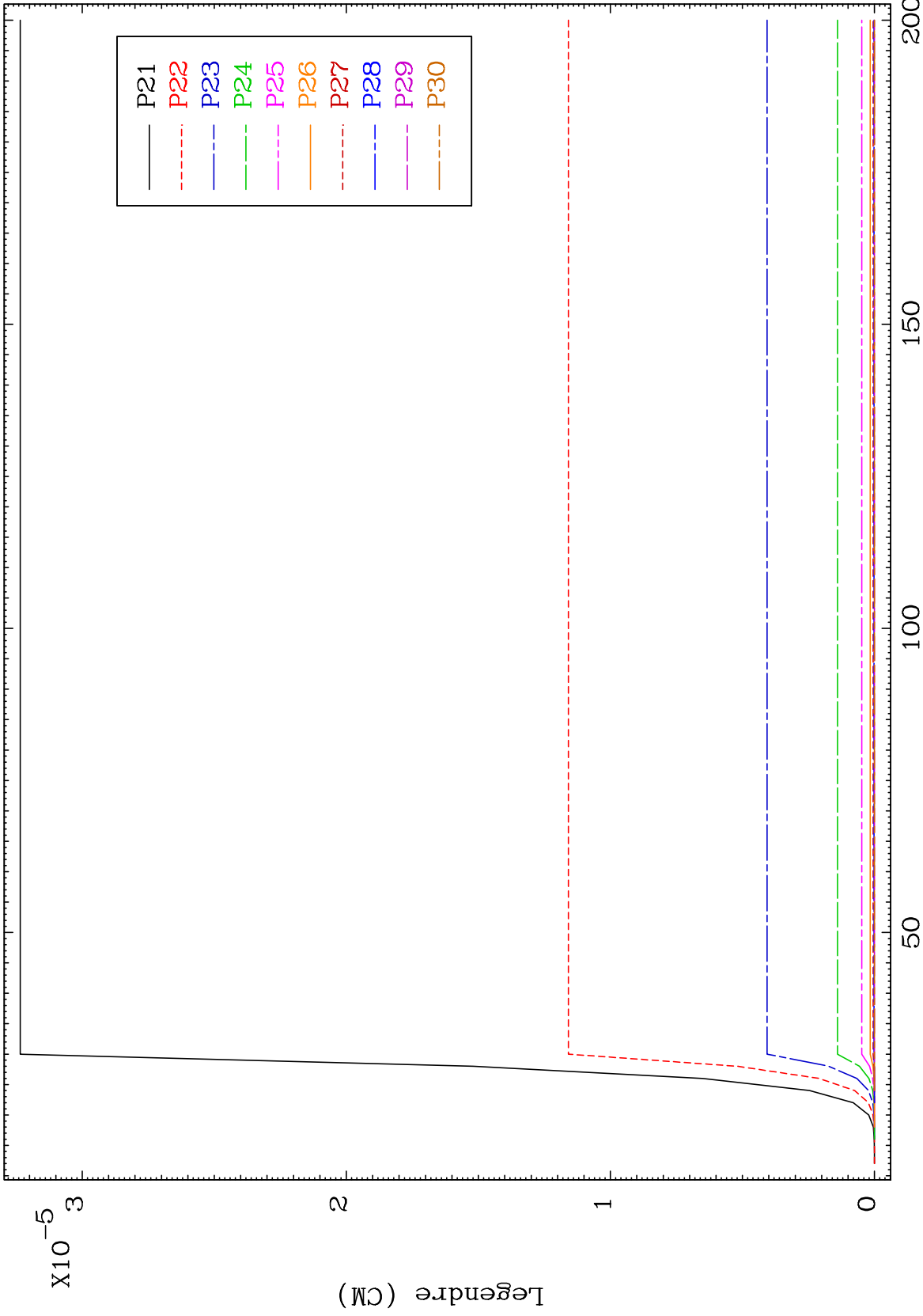
22-Ti-52



MAT 2243

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

22-Ti-52



84

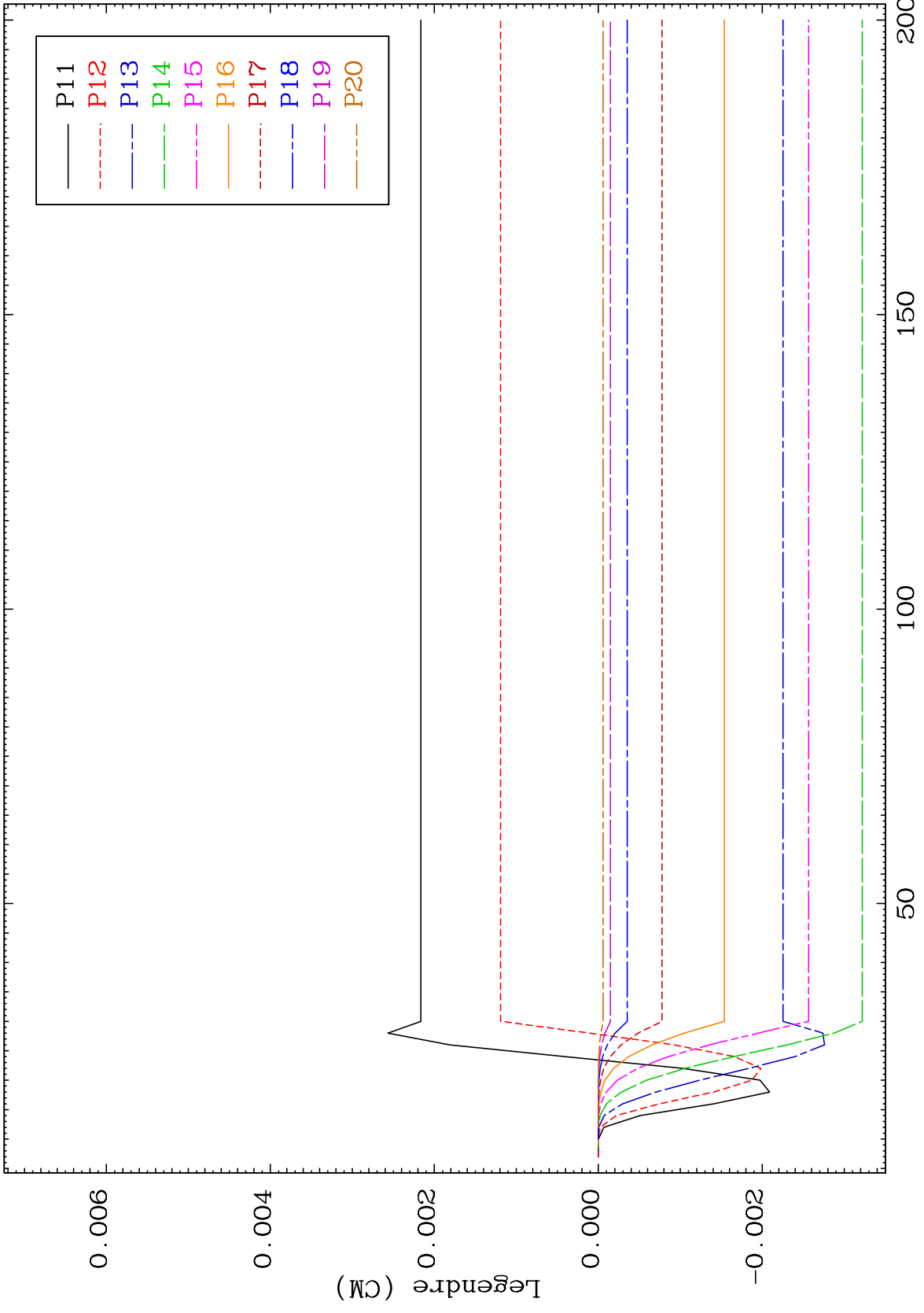
Incident Energy (MeV)

22-Ti-52

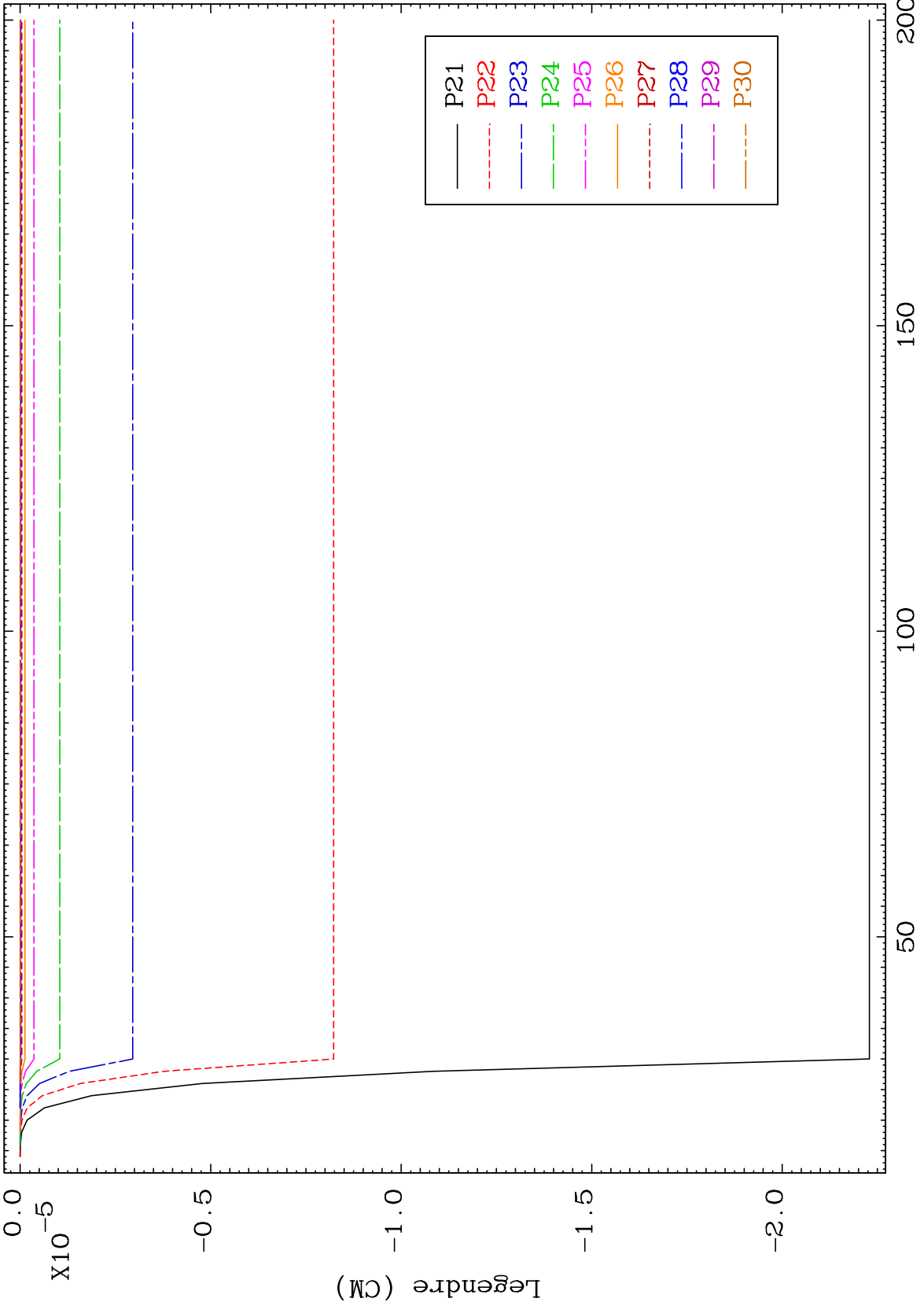
MAT 2243

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

22-Ti-52

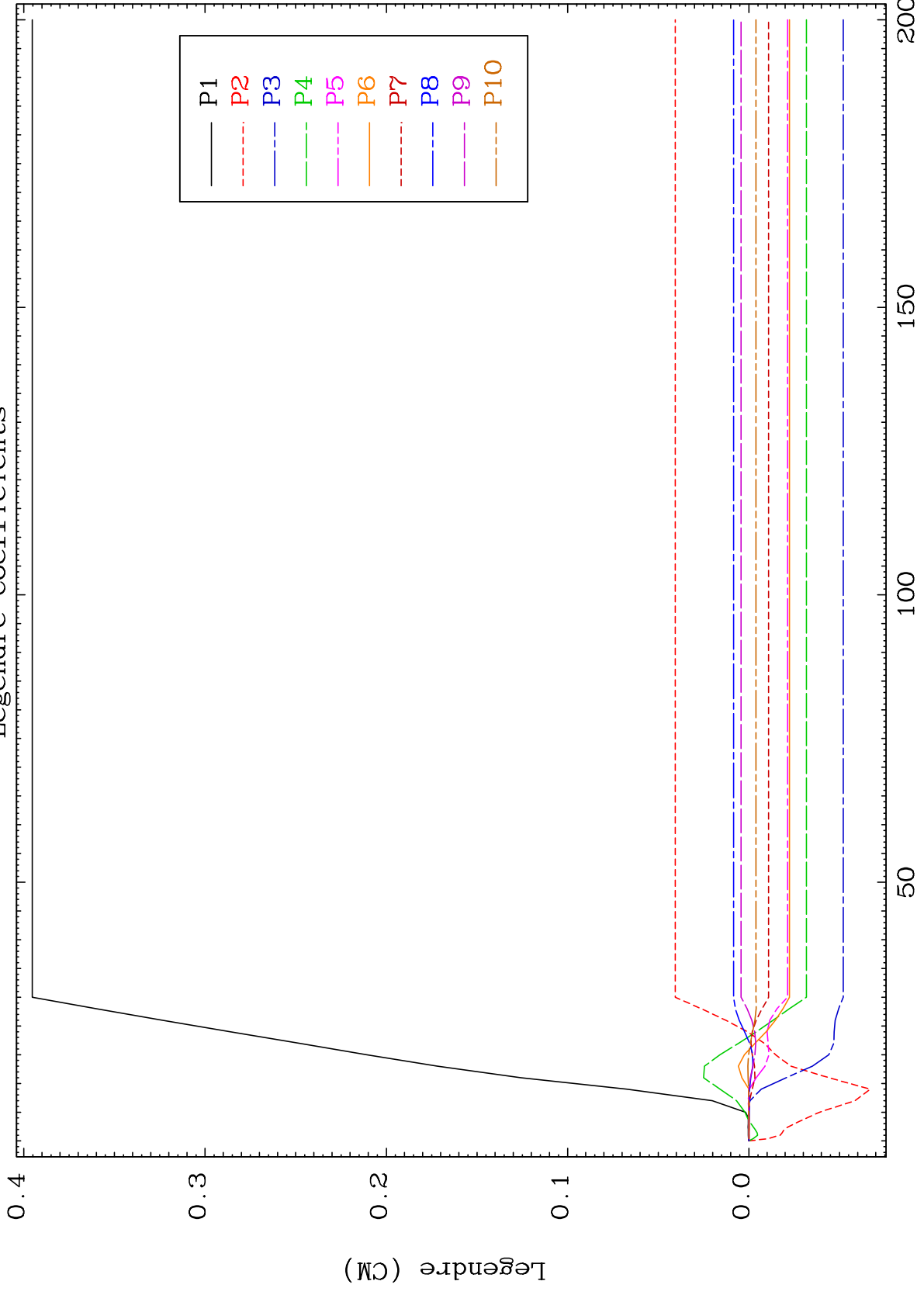


MAT 2243 MT= 73 (n,n') Level Legendre Coefficients 22-Ti-52



87 22-Ti-52

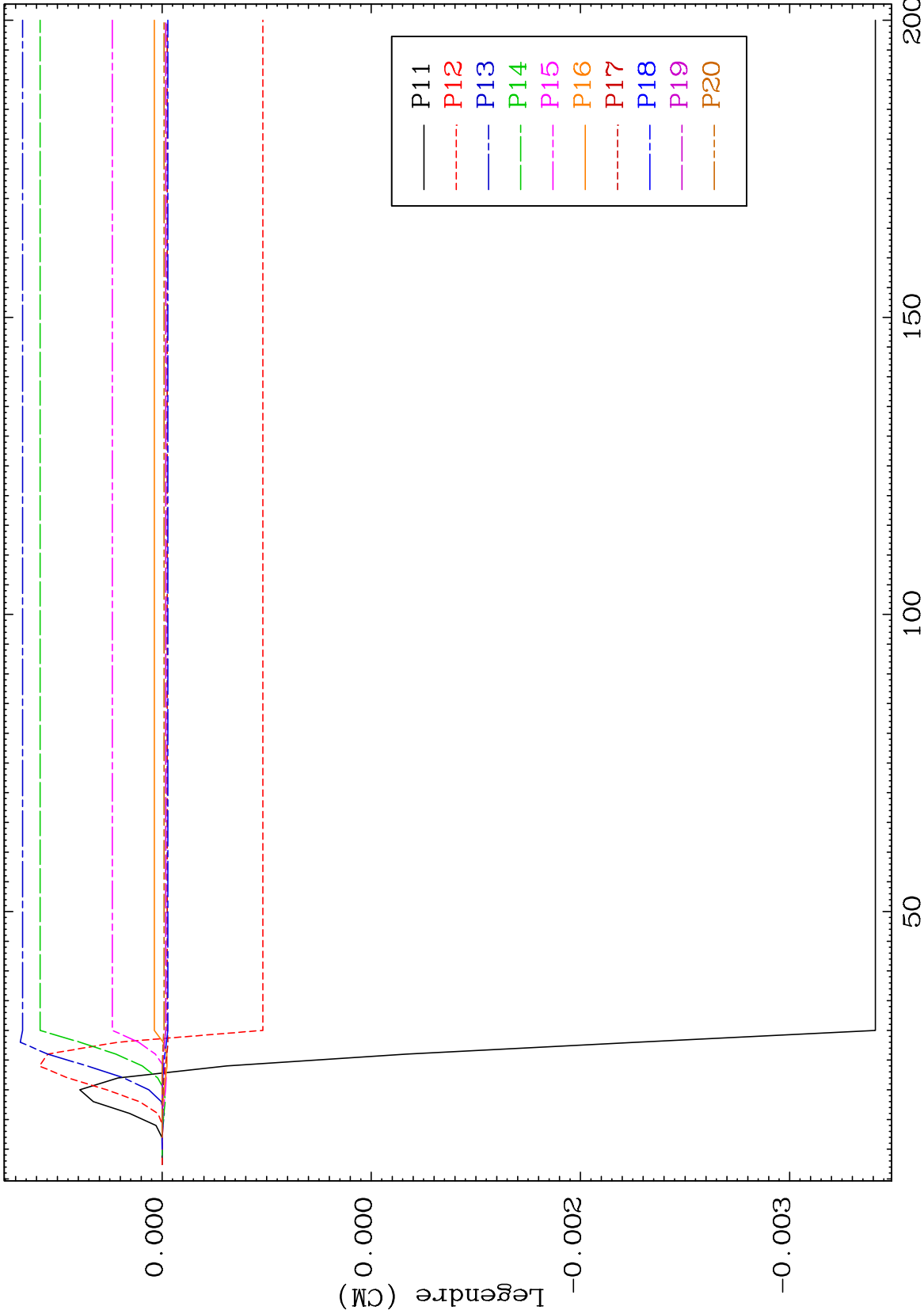
MAT 2243 MT= 74 (n,n') Level Legendre Coefficients 22-Ti-52



MAT 2243

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

22-Ti-52



89

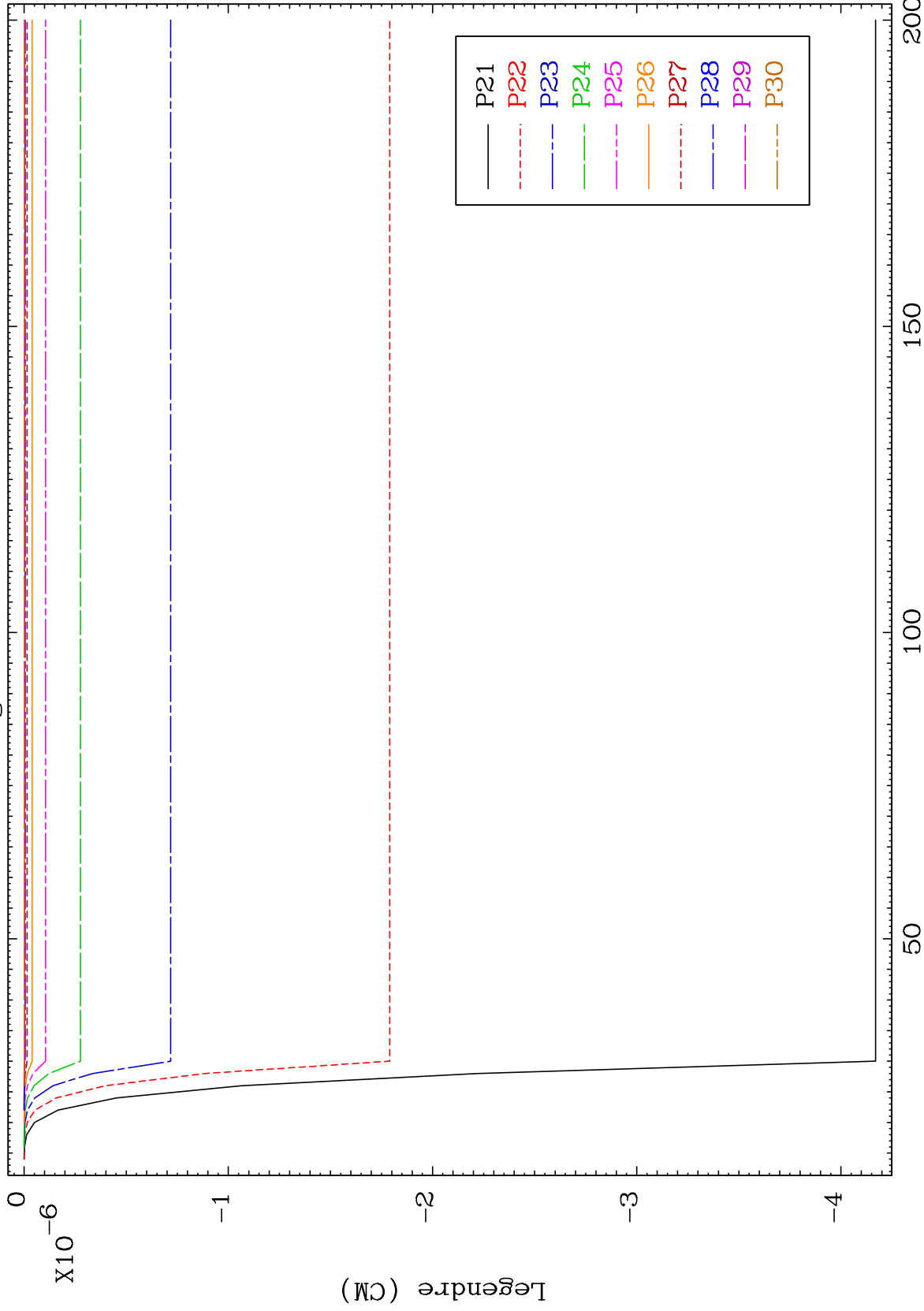
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52



90

100

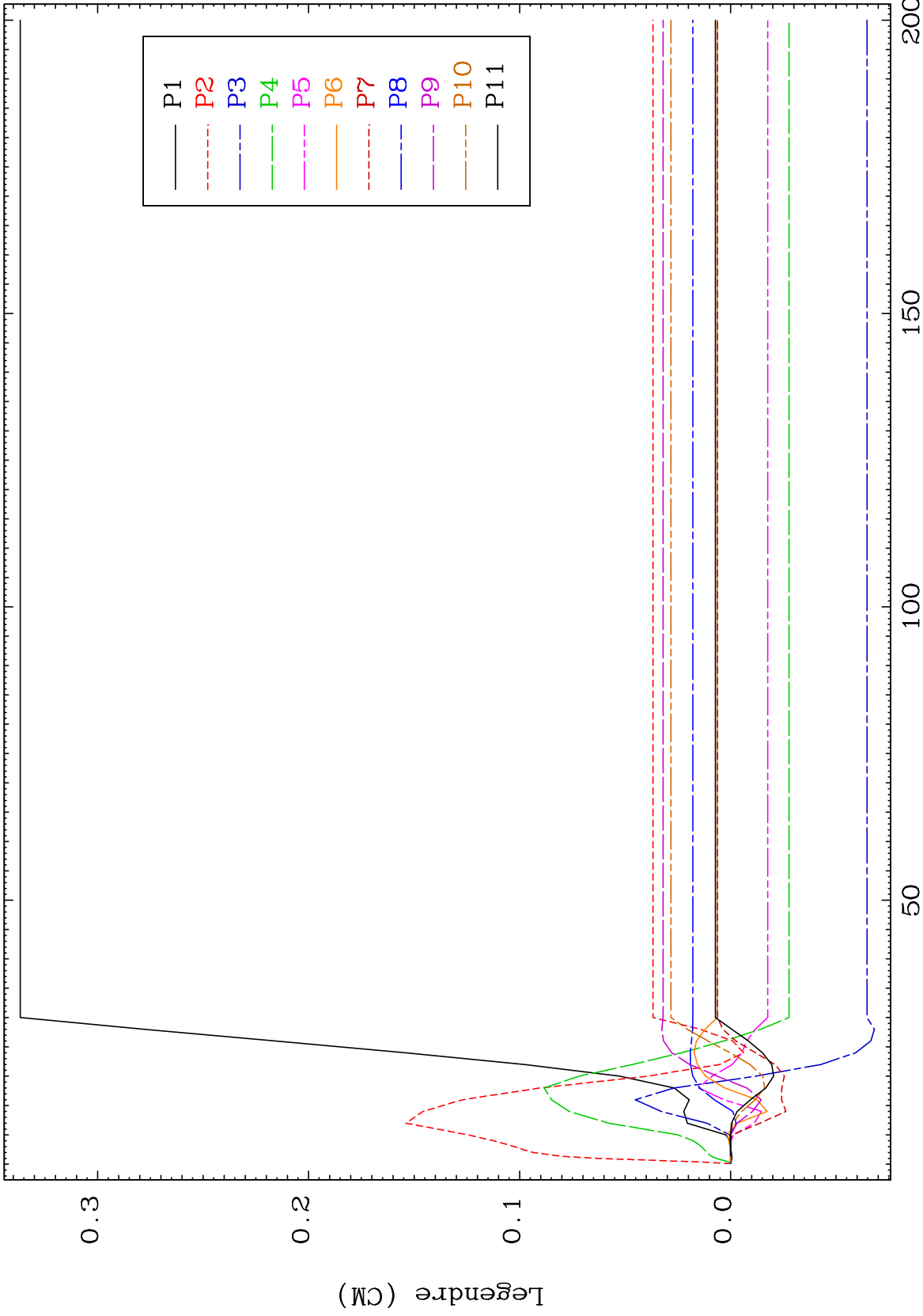
150

200

MAT 2243

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

22-Ti-52



91

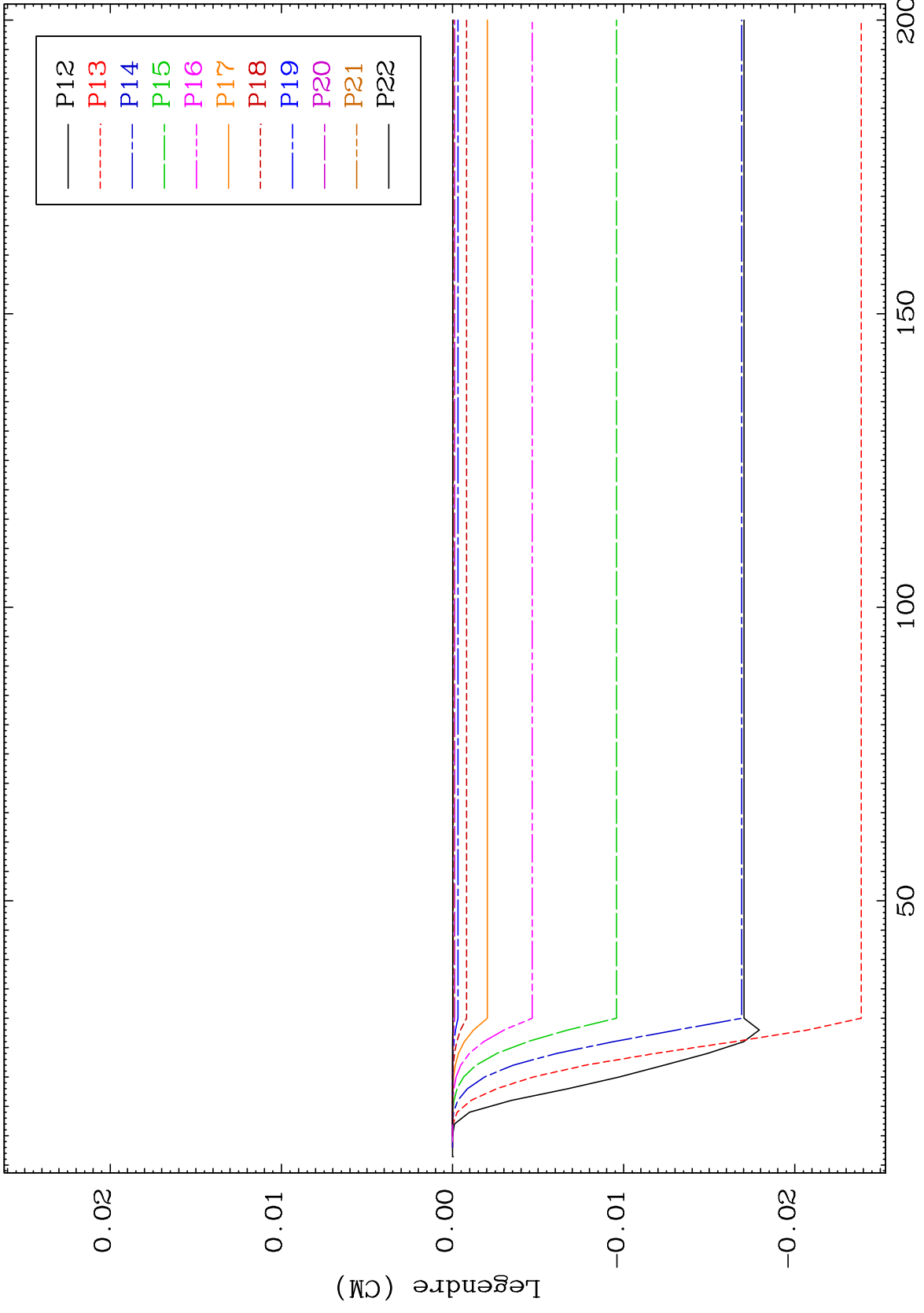
Incident Energy (MeV)

22-Ti-52

MAT 2243

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

22-Ti-52

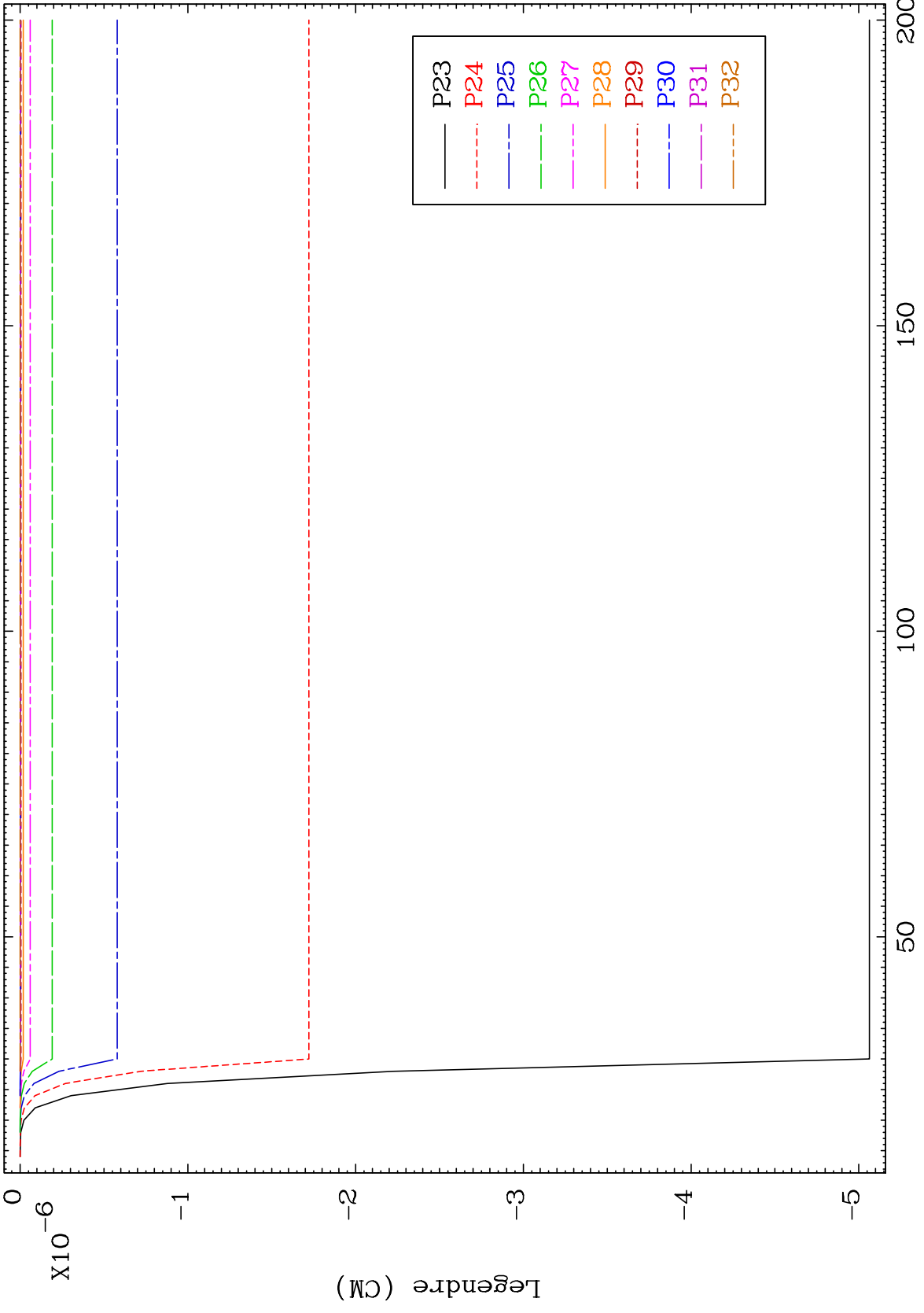


92

Incident Energy (MeV)

22-Ti-52

MAT 2243 MT= 75 (n,n') Level Legendre Coefficients 22-Ti-52

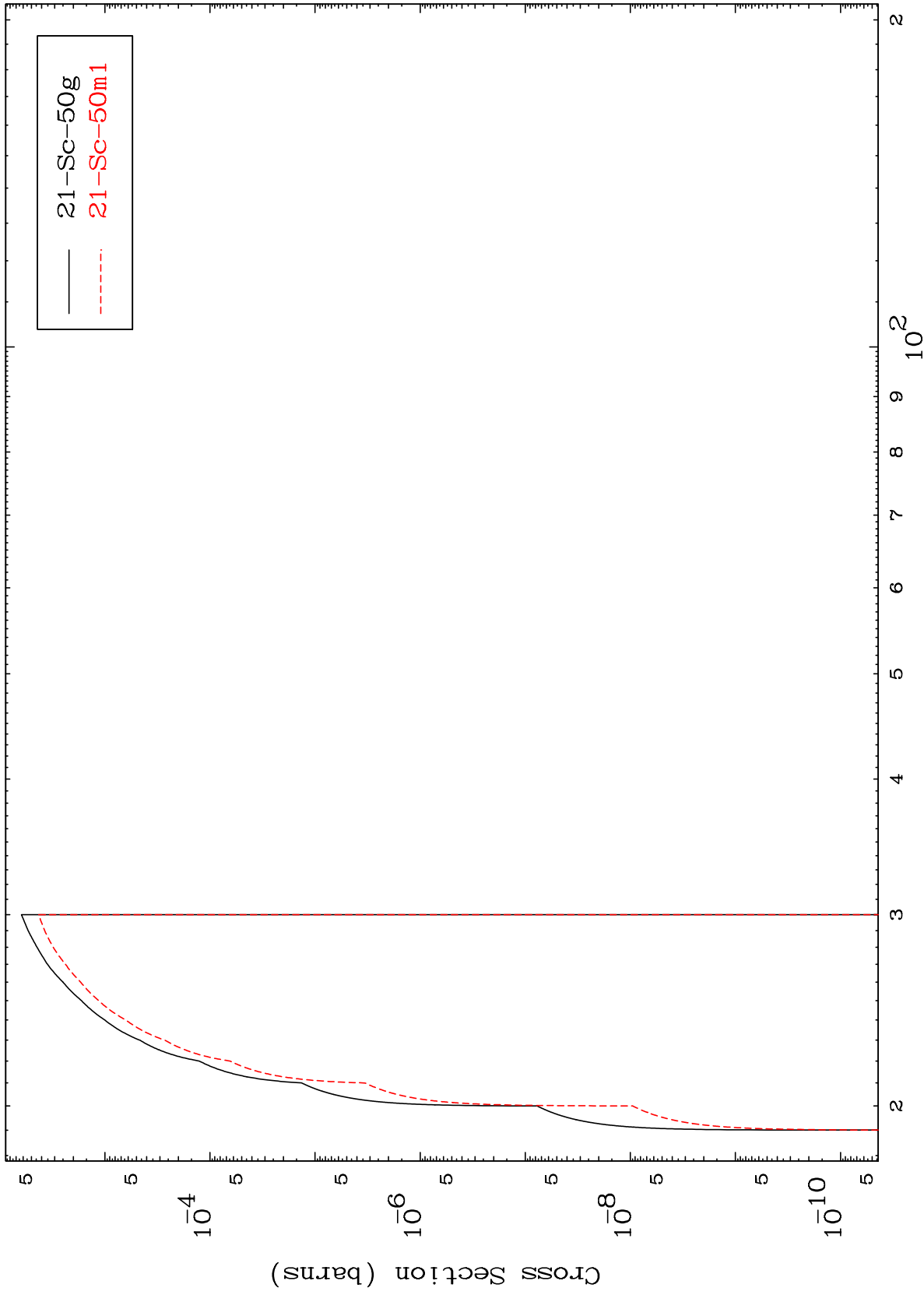


MAT 2243

(n,n') d

22-Ti-52

Radionuclide Production Cross Section



94

Incident Energy (MeV)

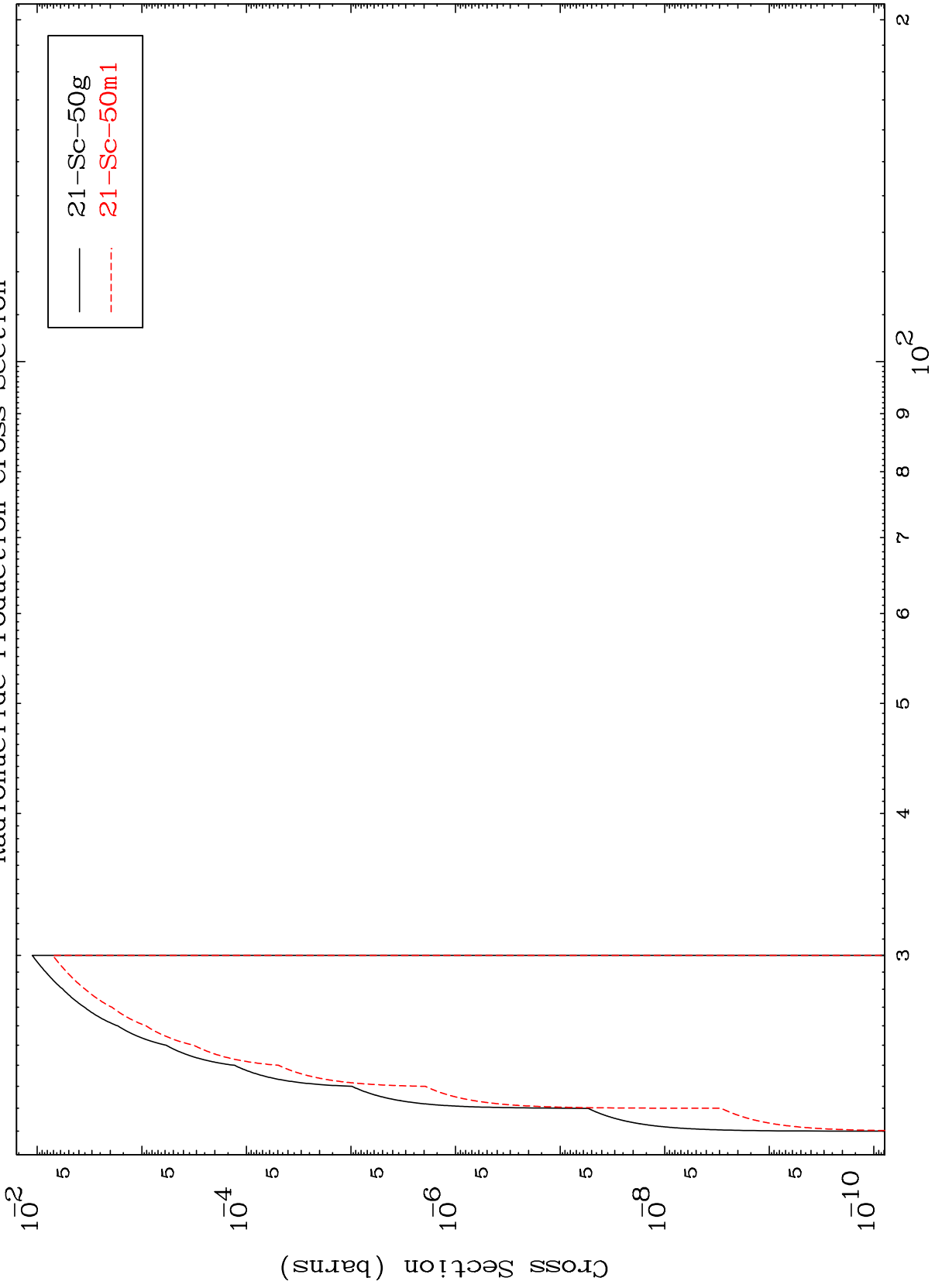
22-Ti-52

MAT 2243

(n,2n) p

22-Ti-52

Radionuclide Production Cross Section



95

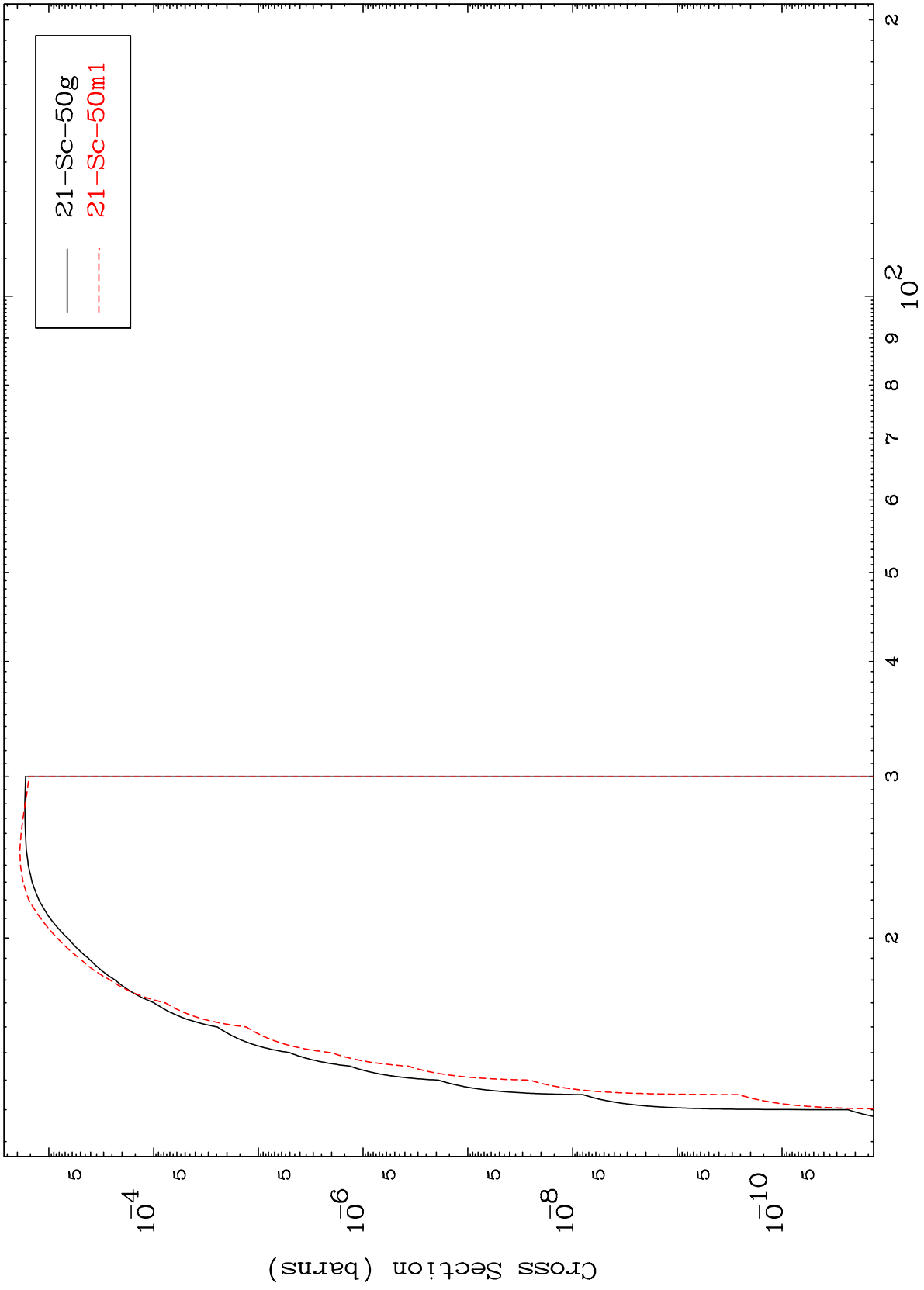
Incident Energy (MeV)

22-Ti-52

MAT 2243

22-Ti-52

(n, t)
Radionuclide Production Cross Section



96

22-Ti-52

Incident Energy (MeV)