

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

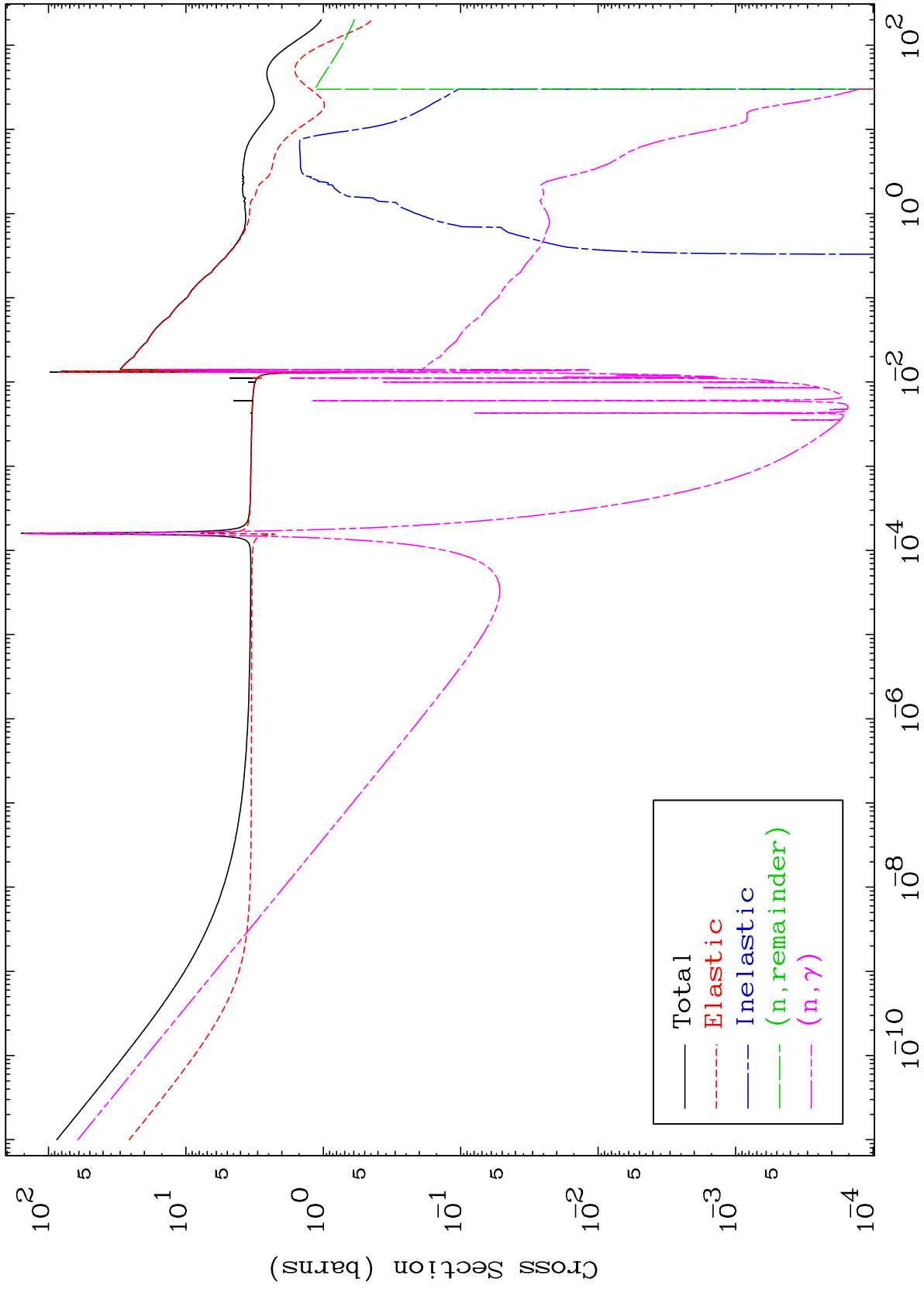
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2340

Major
293 Kelvin Cross Sections

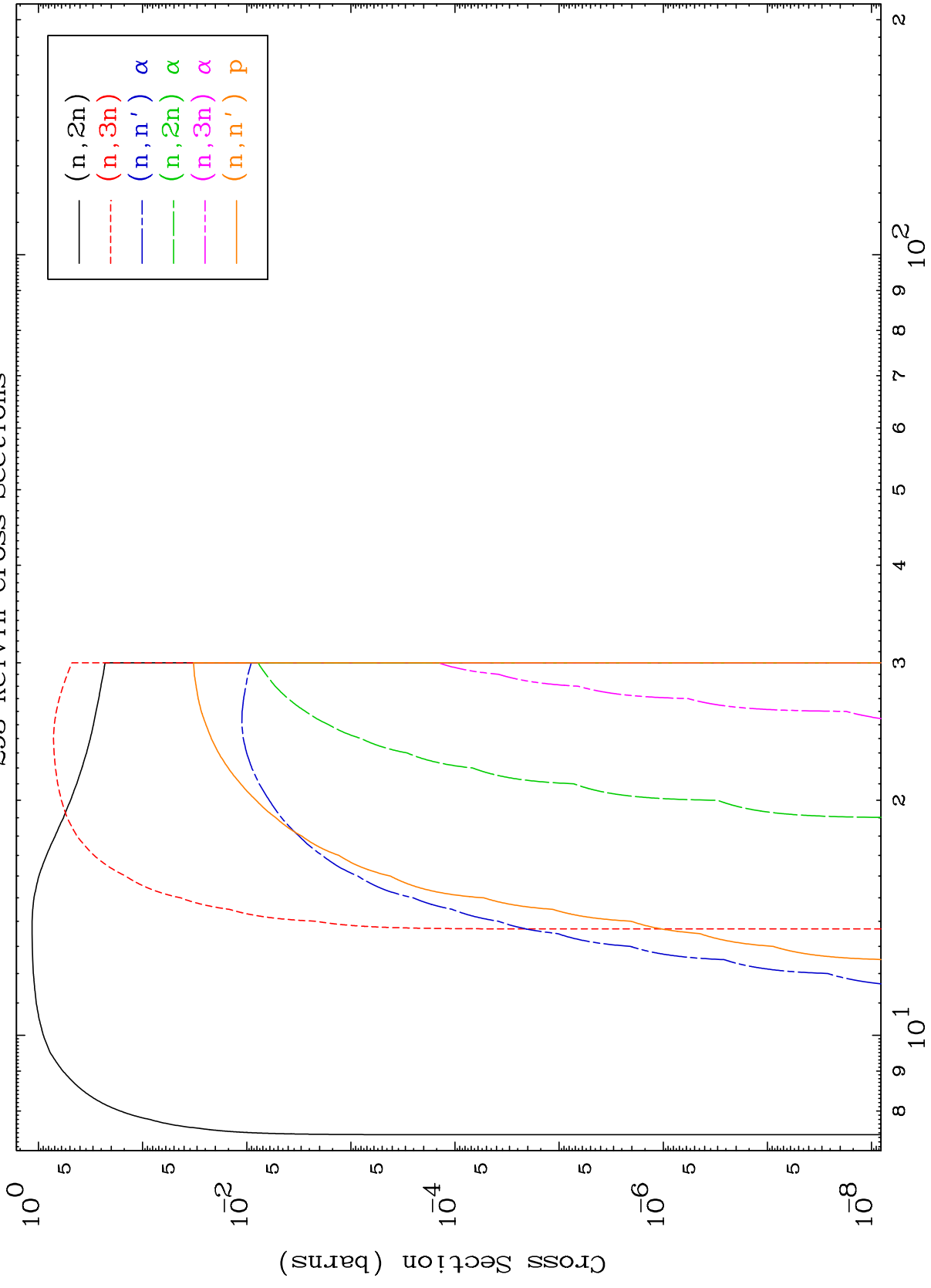
23-V -55



MAT 2340

Neutron Production 293 Kelvin Cross Sections

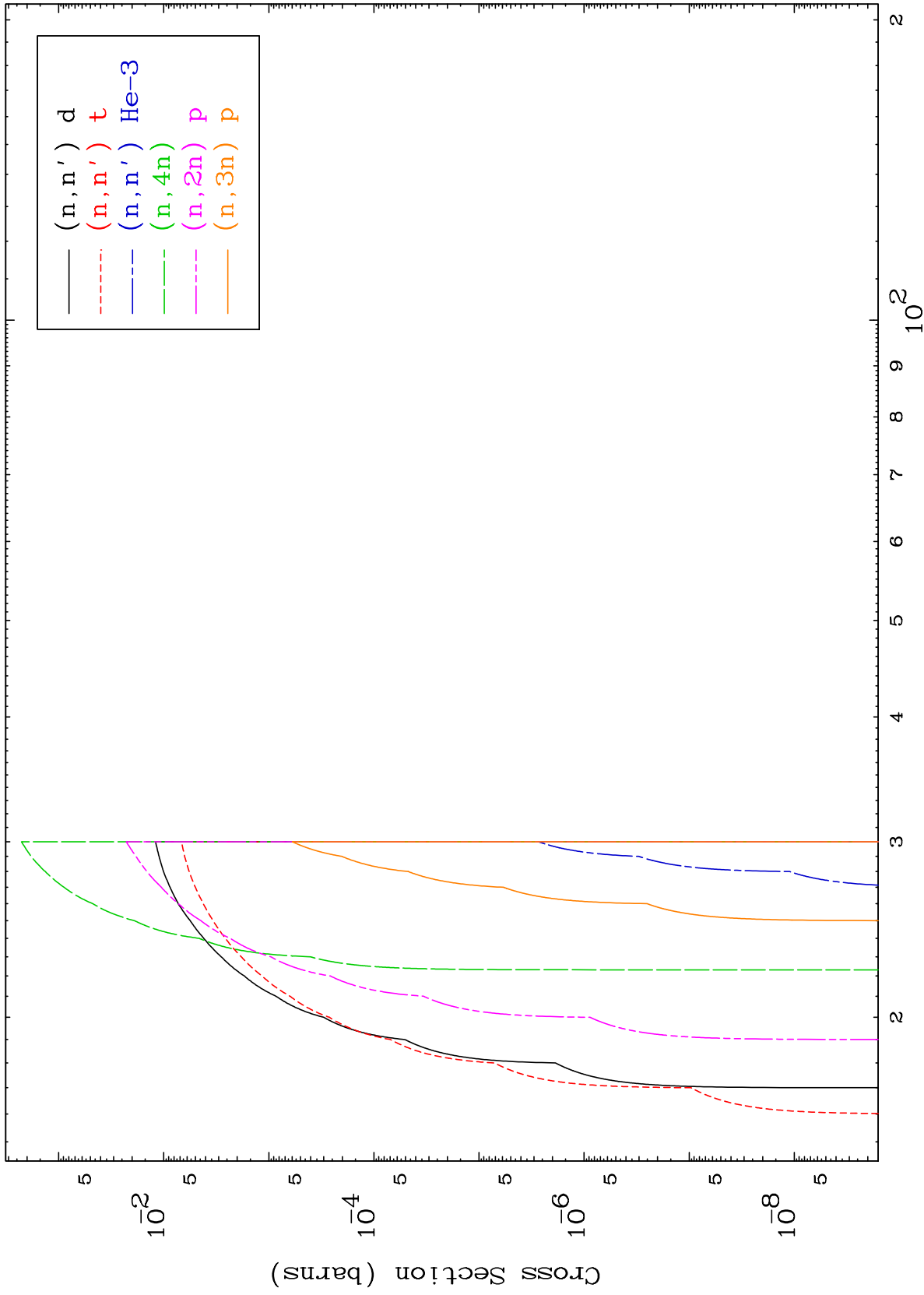
23-V -55



2

Incident Energy (MeV)

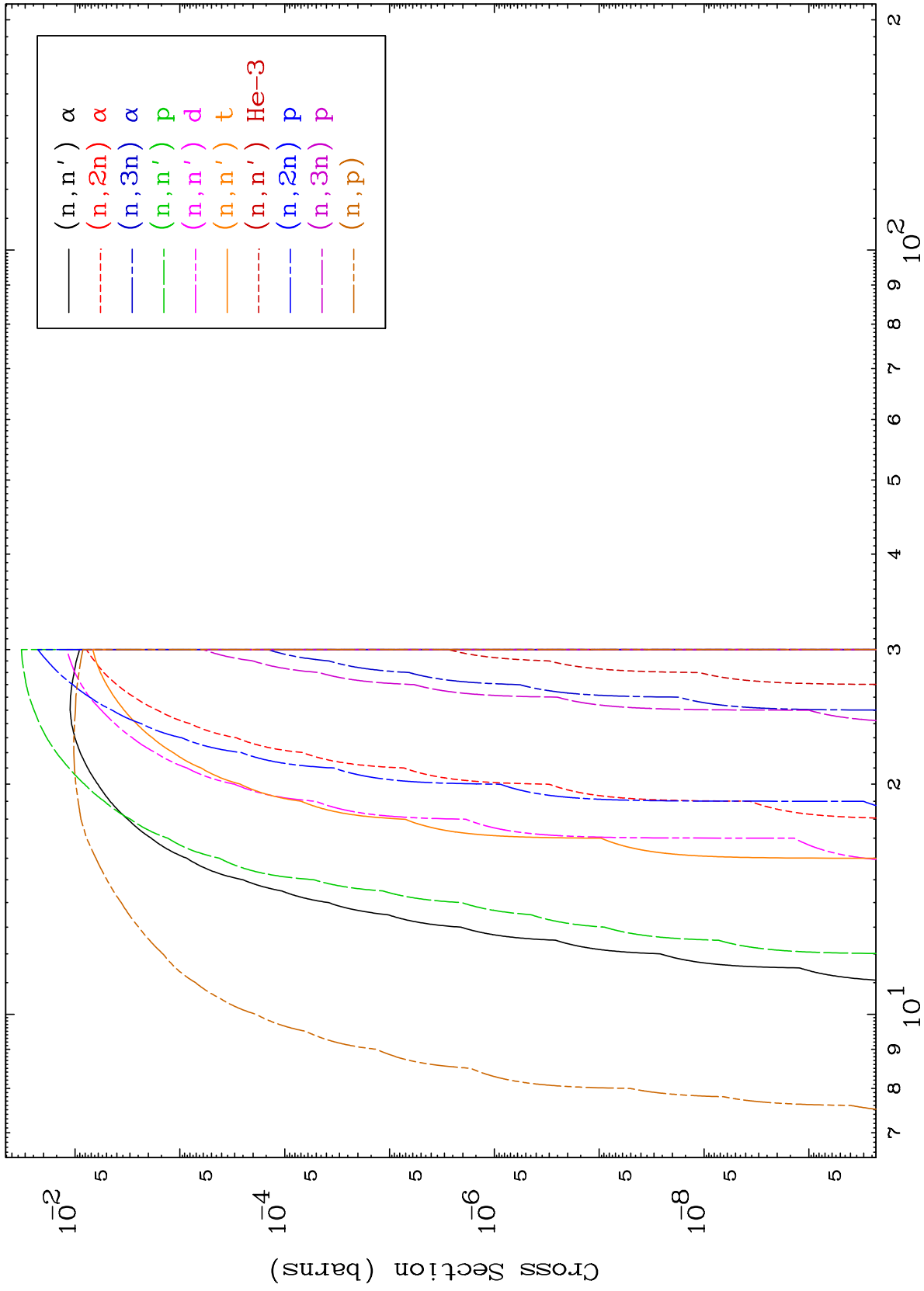
23-V -55



MAT 2340

Charged Particle
293 Kelvin Cross Sections

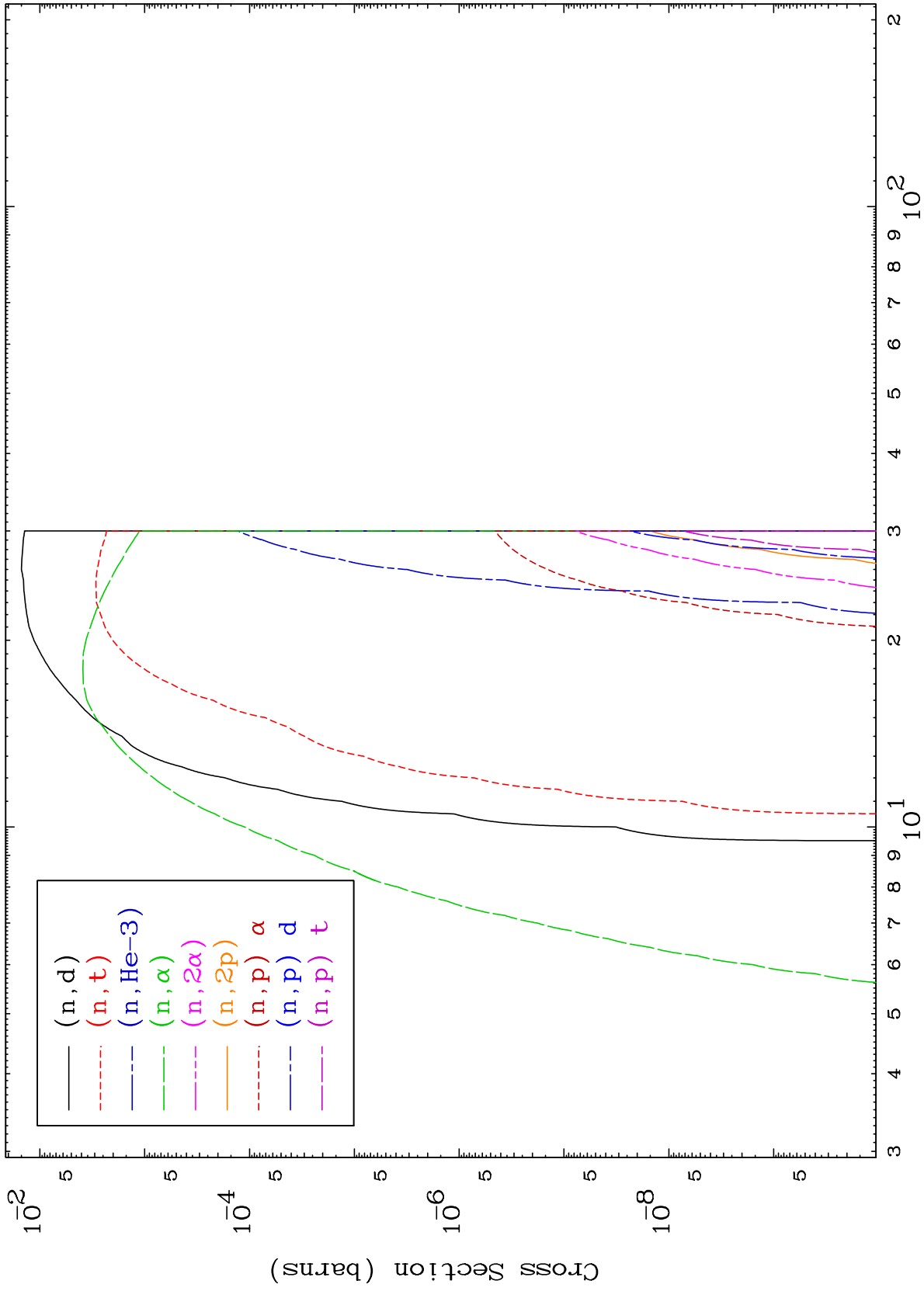
23-V -55



4

Incident Energy (MeV)

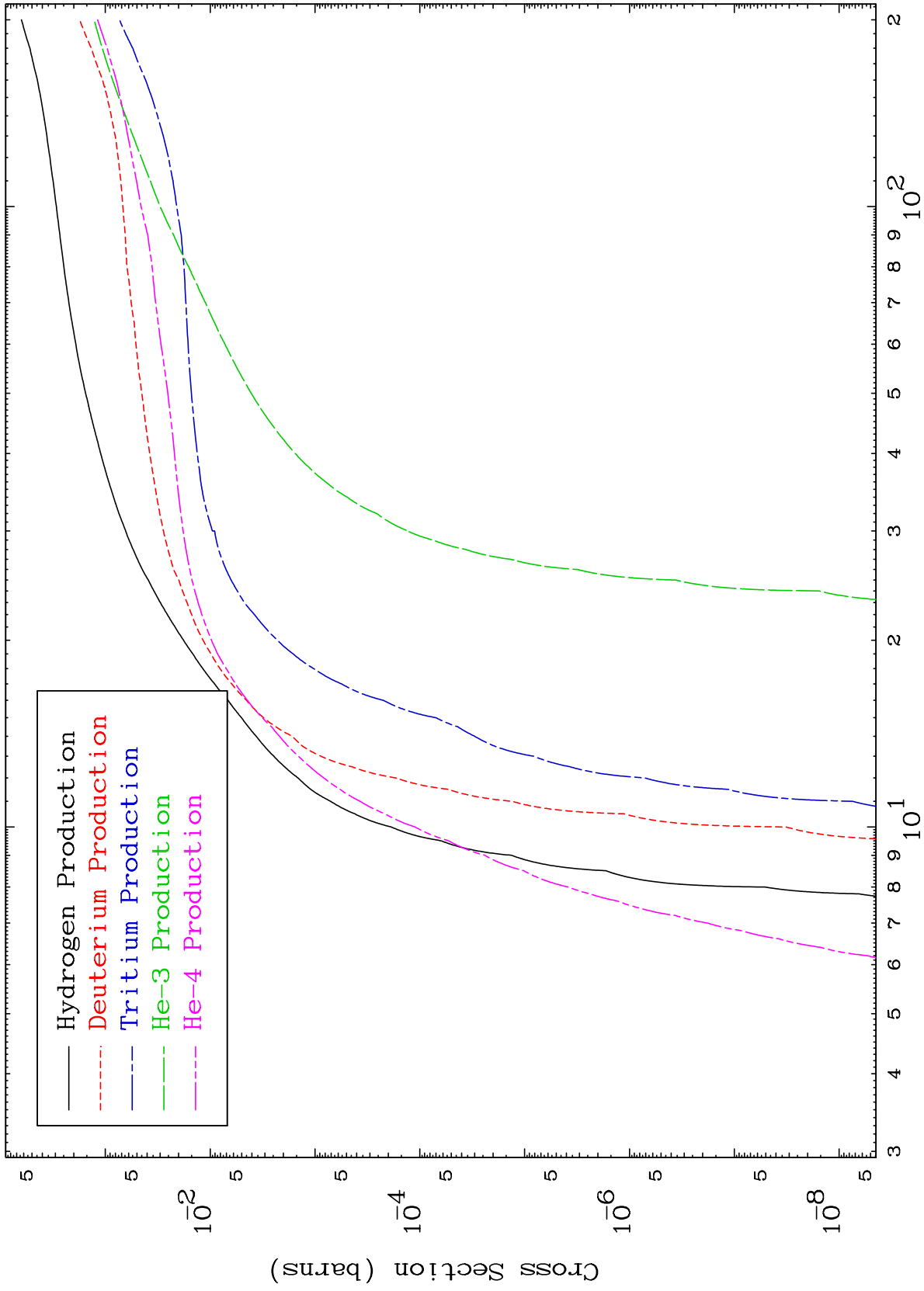
23-V -55



MAT 2340

Particle Production
293 Kelvin Cross Sections

23-V -55



6

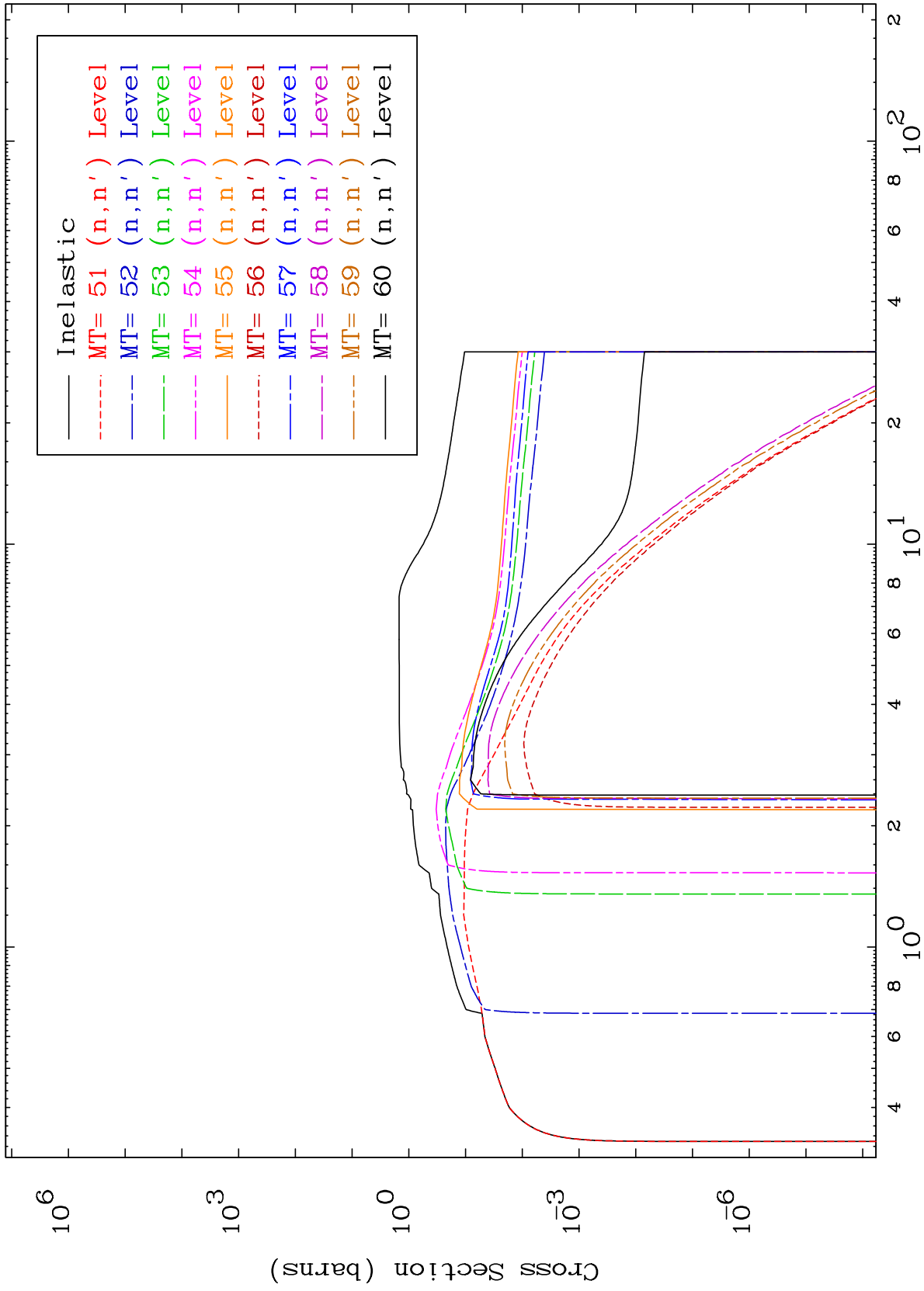
Incident Energy (MeV)

23-V -55

MAT 2340

(n,n') Level
293 Kelvin Cross Sections

23-V -55



7

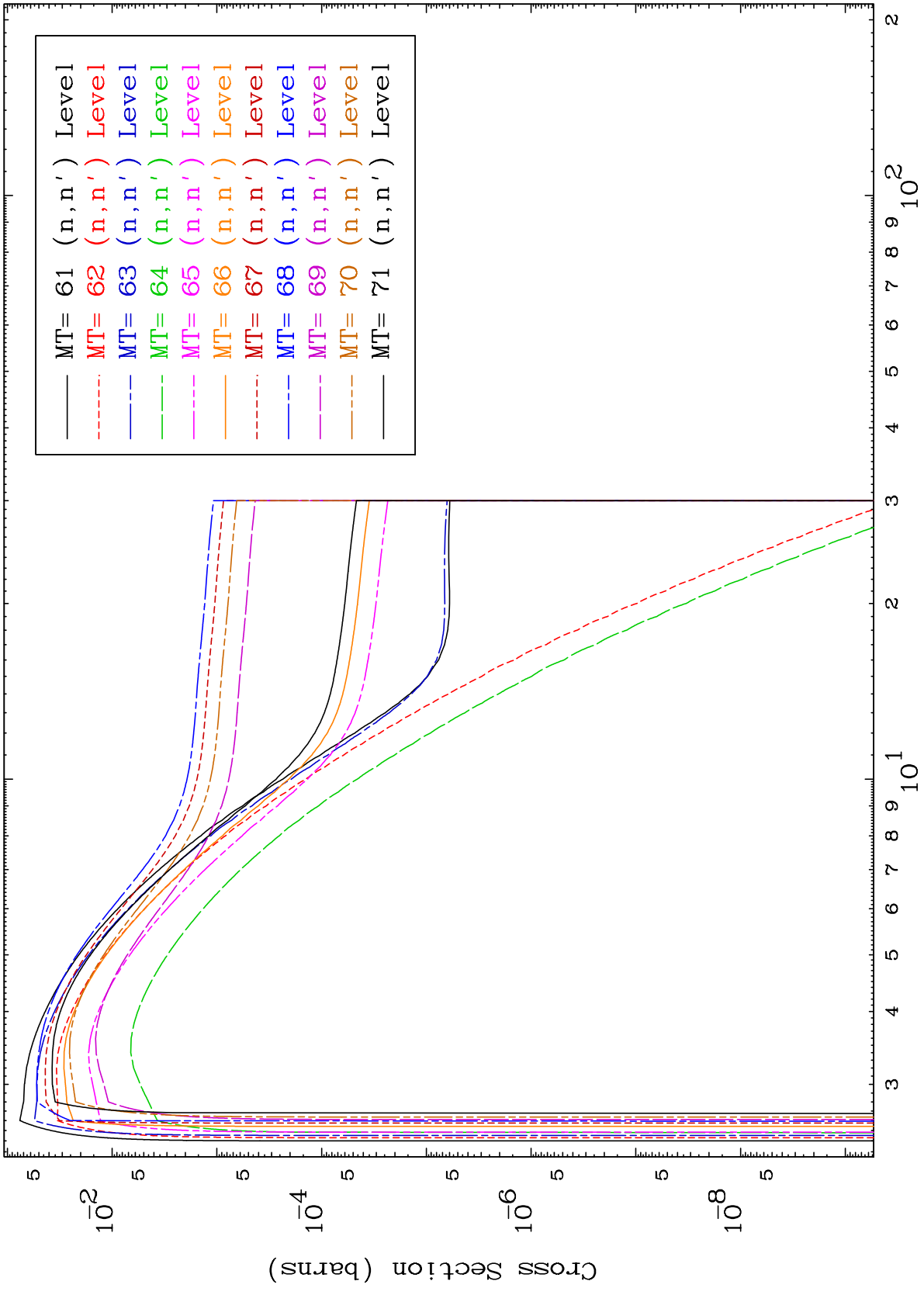
Incident Energy (MeV)

23-V -55

MAT 2340

(n,n') Level
293 Kelvin Cross Sections

23-V -55



8

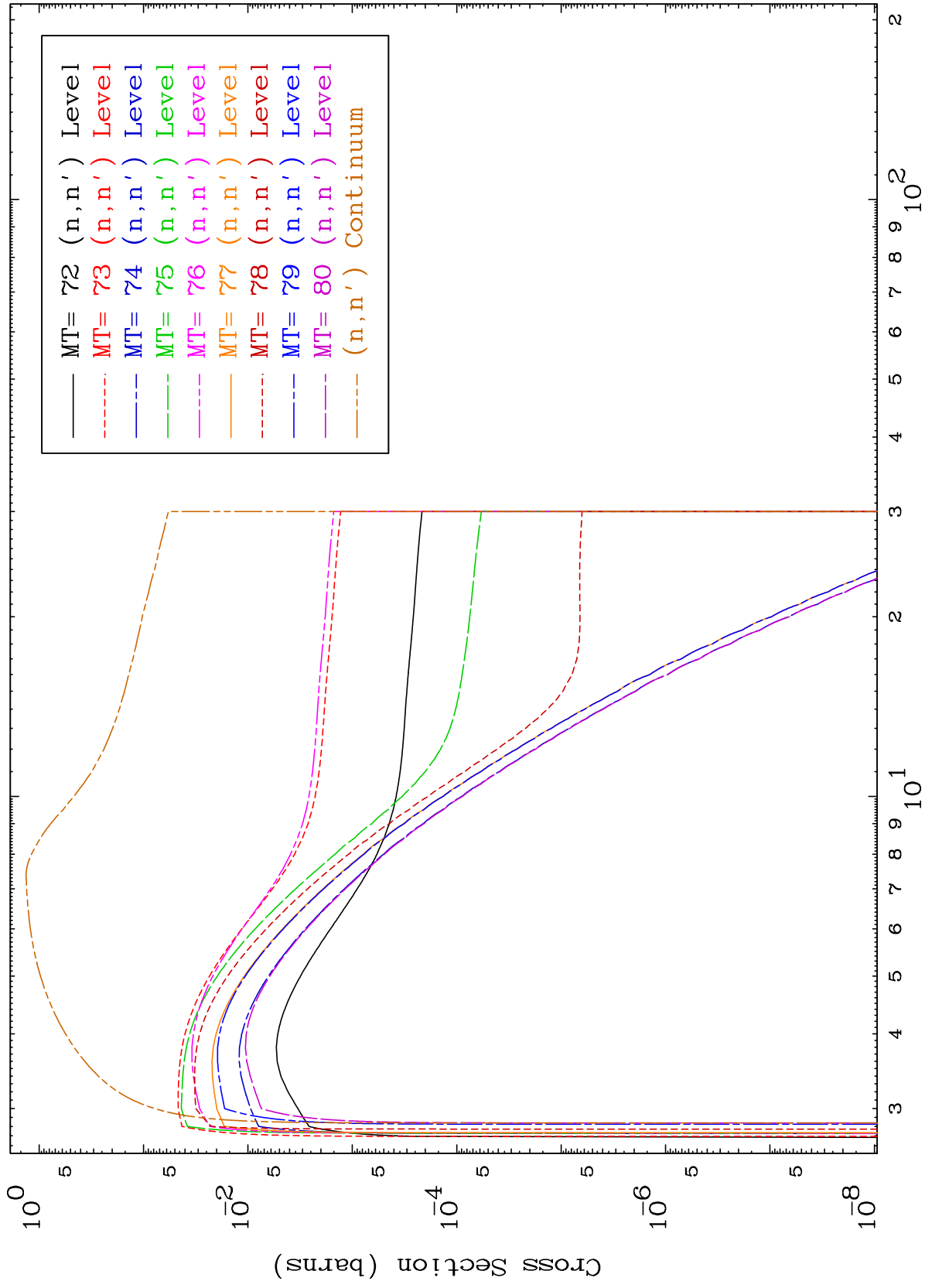
Incident Energy (MeV)

23-V -55

MAT 2340

(n,n') Level
293 Kelvin Cross Sections

23-V -55



9

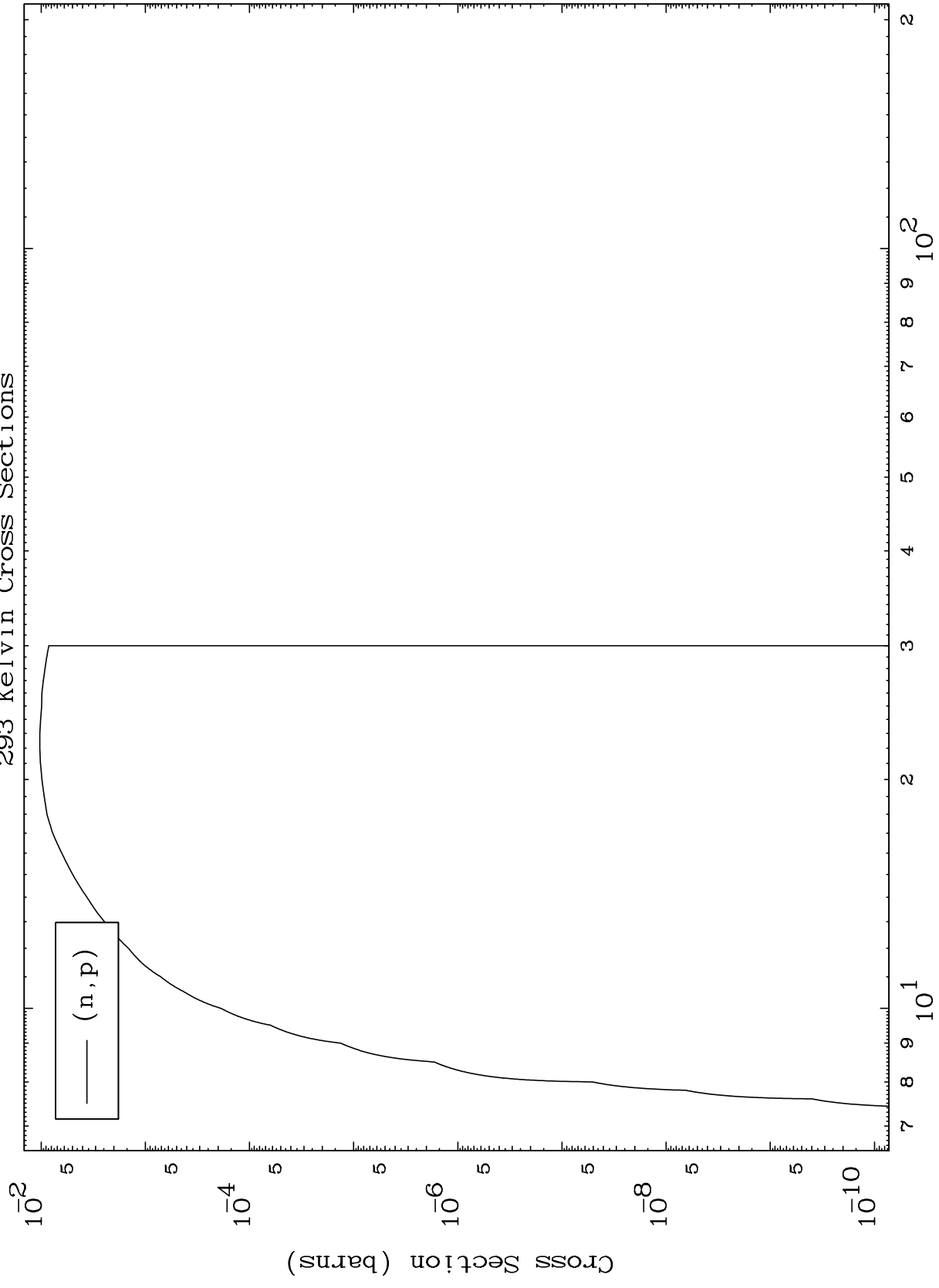
Incident Energy (MeV)

23-V -55

MAT 2340

(n,p) Levels
293 Kelvin Cross Sections

23-V -55



10

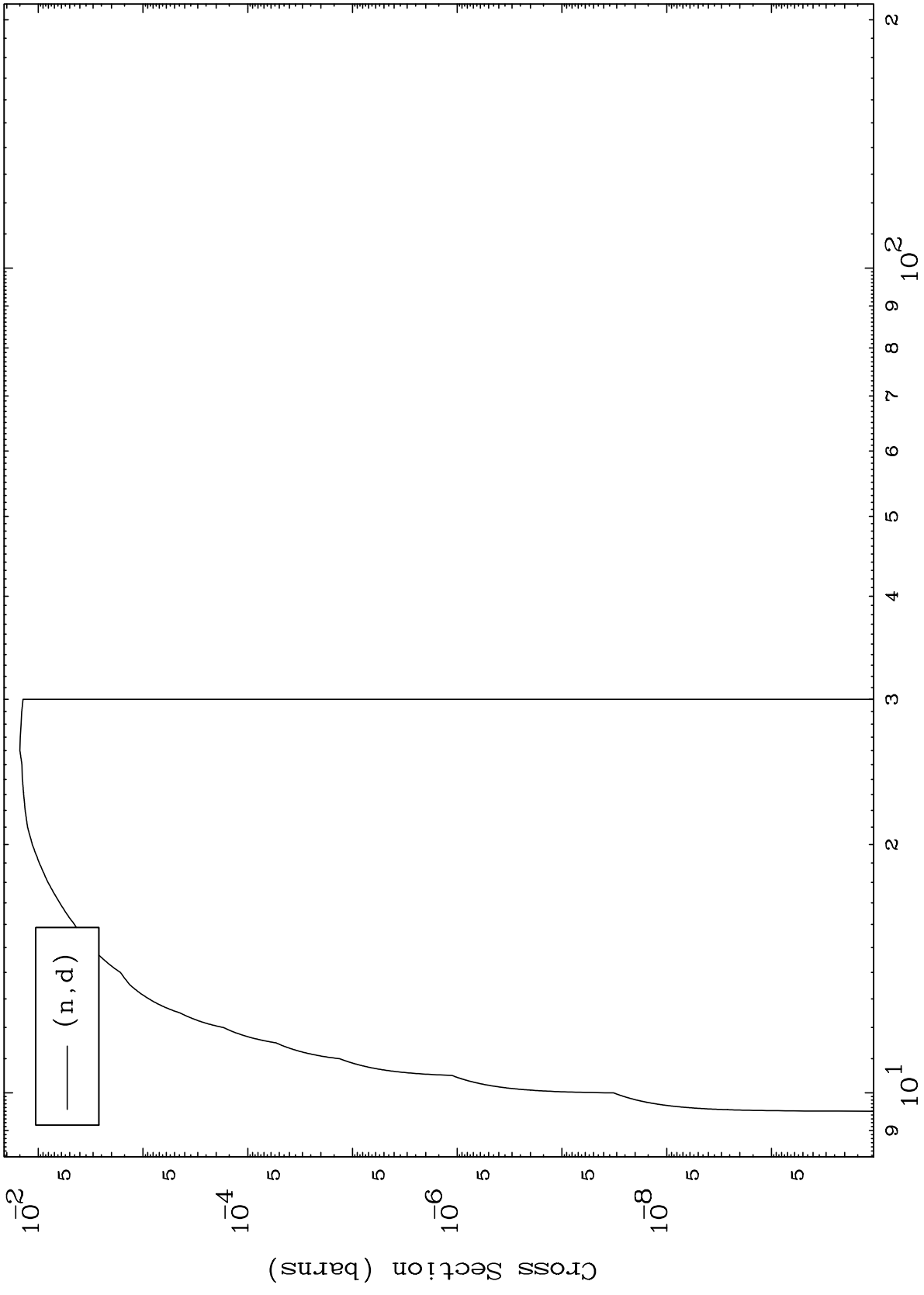
Incident Energy (MeV)

23-V -55

MAT 2340

(n,d) Levels
293 Kelvin Cross Sections

23-V -55



11

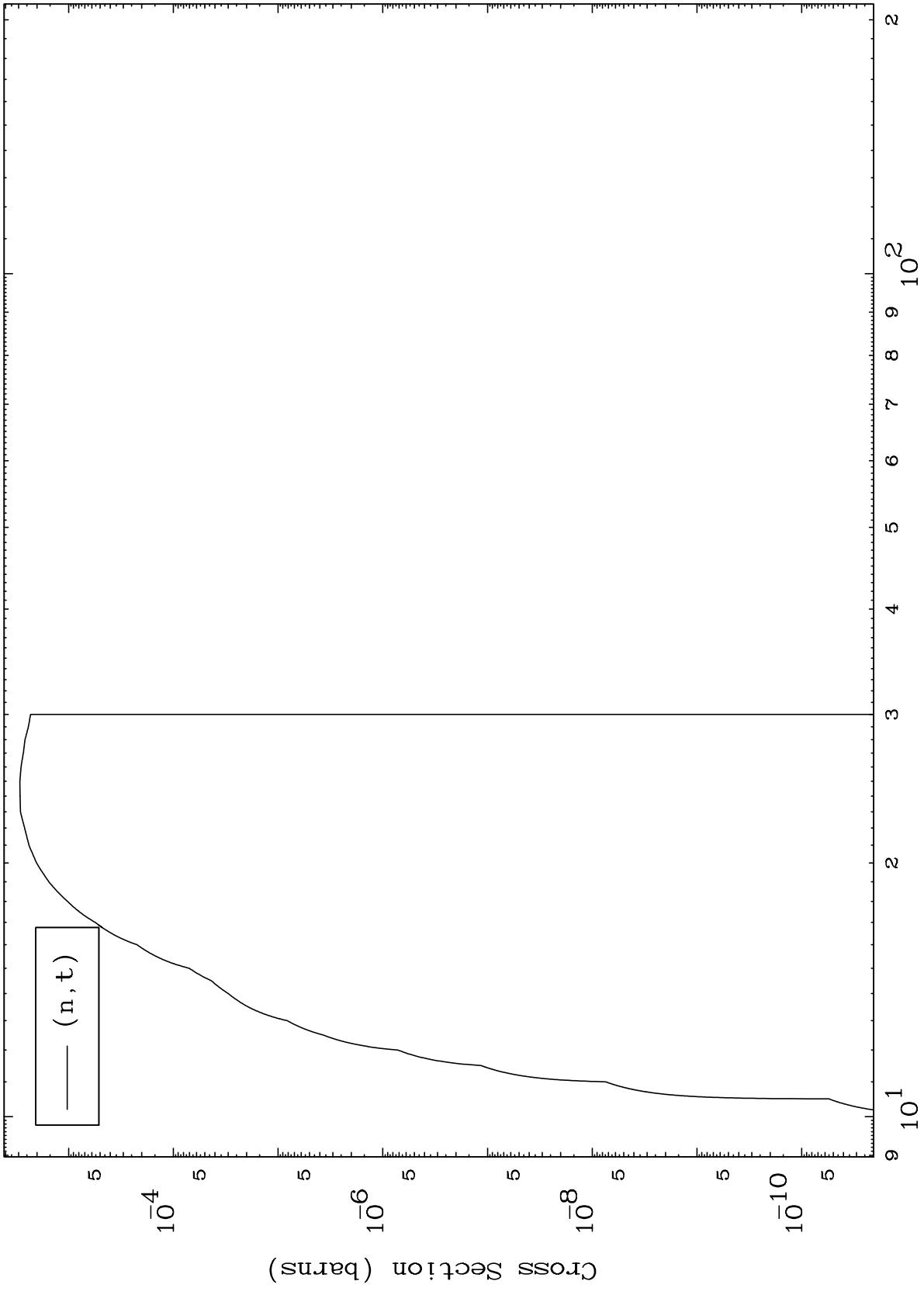
Incident Energy (MeV)

23-V -55

MAT 2340

(n,t) Levels
293 Kelvin Cross Sections

23-V -55



12

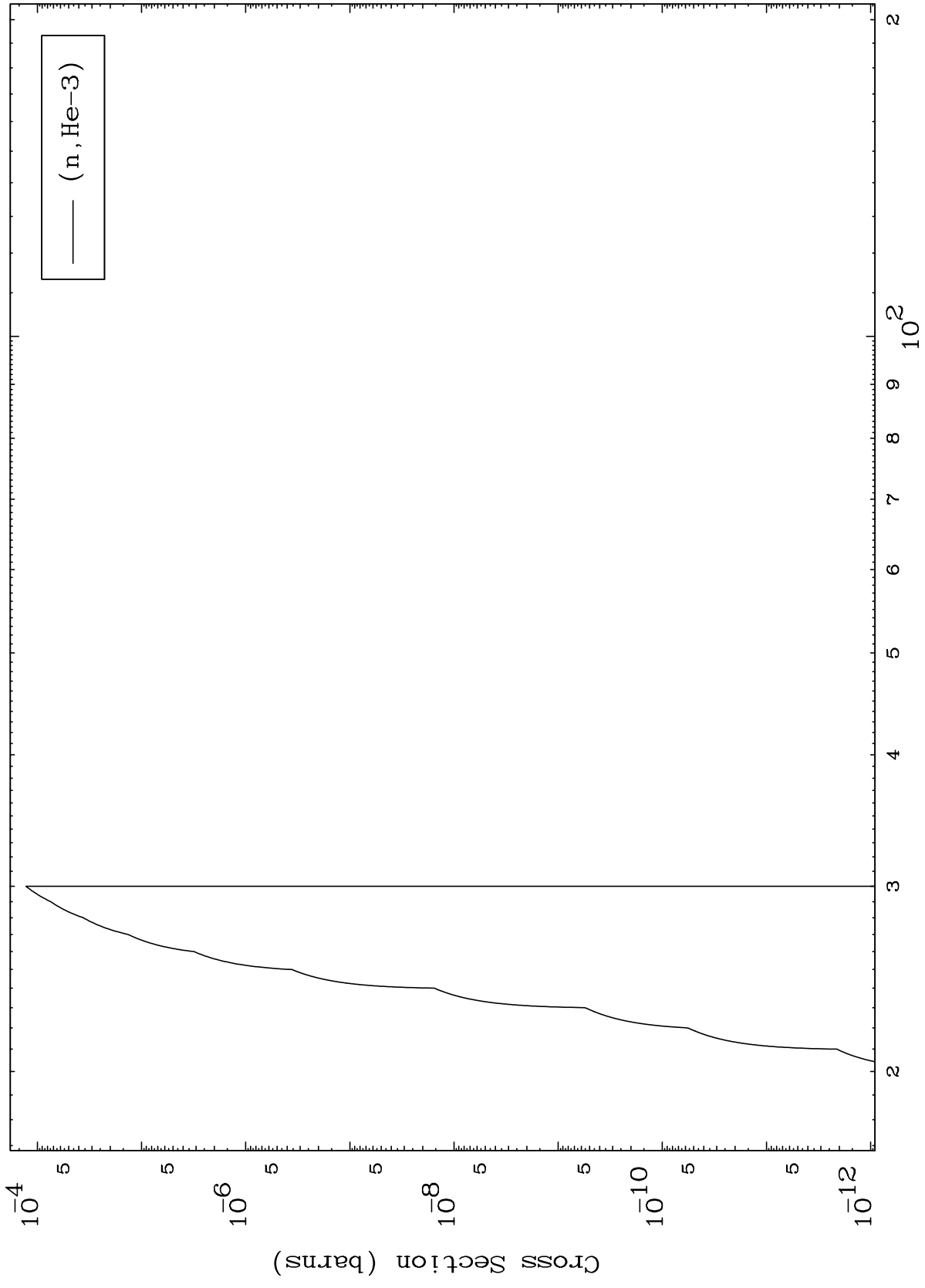
Incident Energy (MeV)

23-V -55

MAT 2340

(n,He3) Levels
293 Kelvin Cross Sections

23-V -55



13

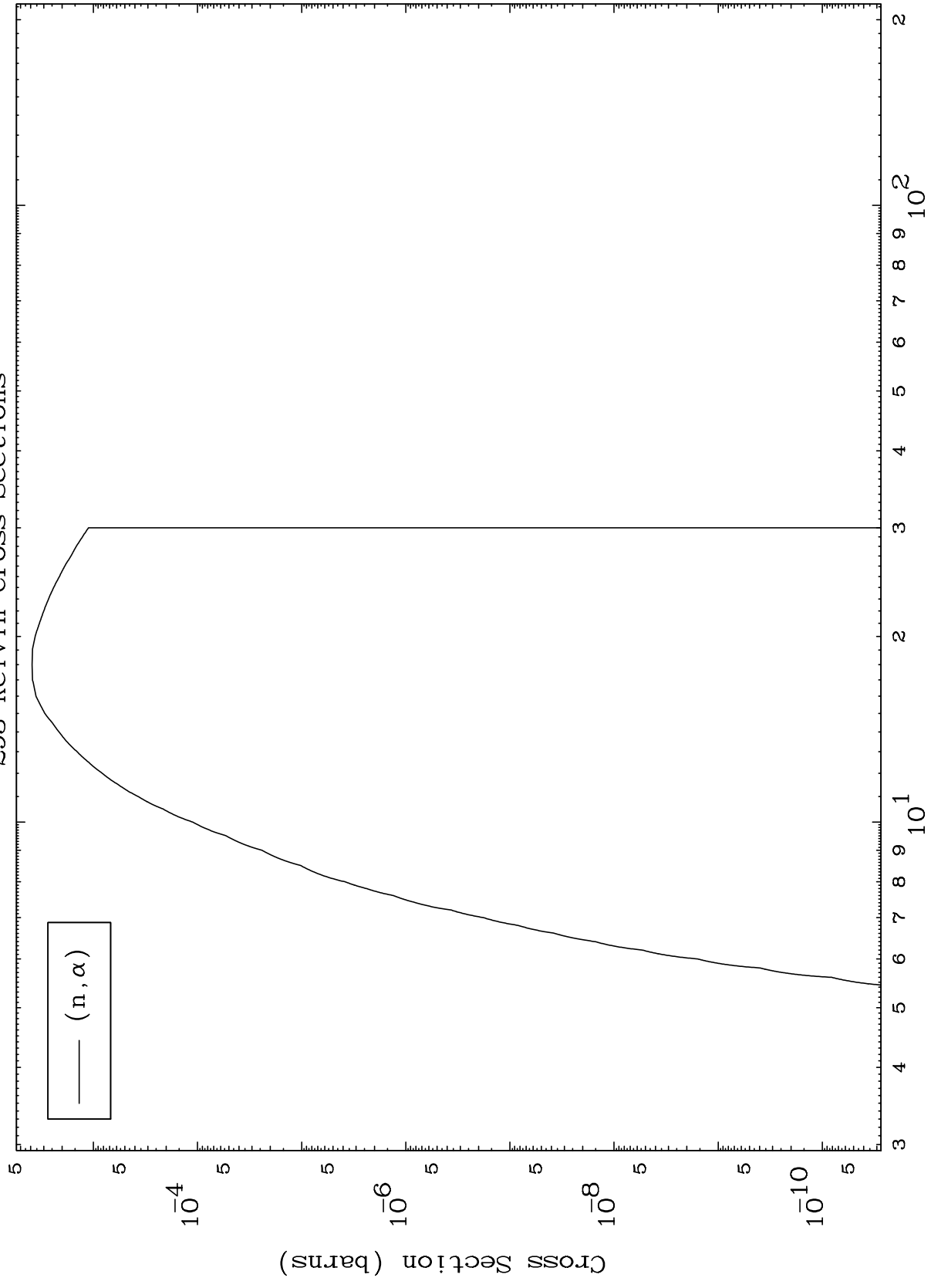
Incident Energy (MeV)

23-V -55

MAT 2340

(n,α) Levels
293 Kelvin Cross Sections

23-V -55

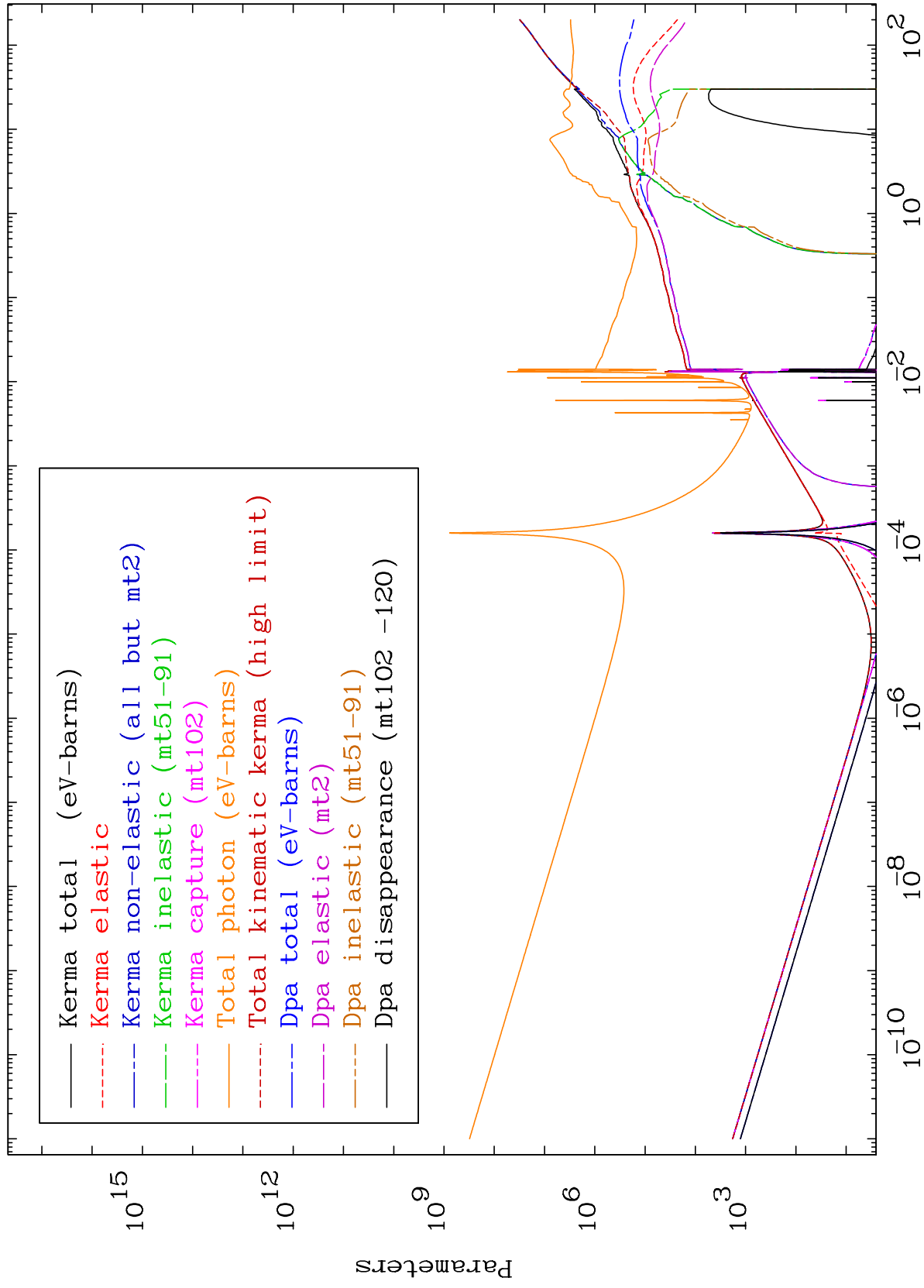


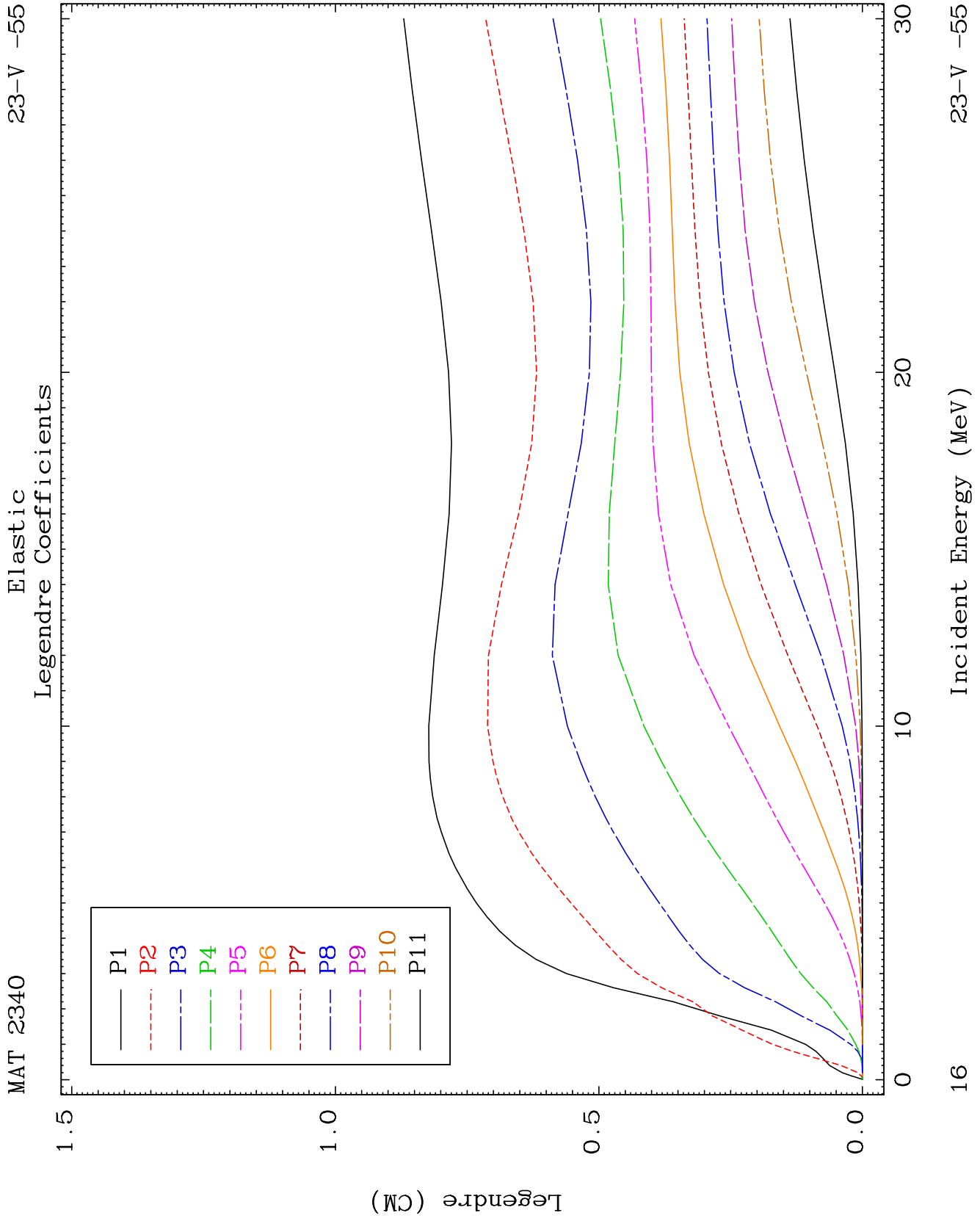
(n,α)

14

Incident Energy (MeV)

23-V -55

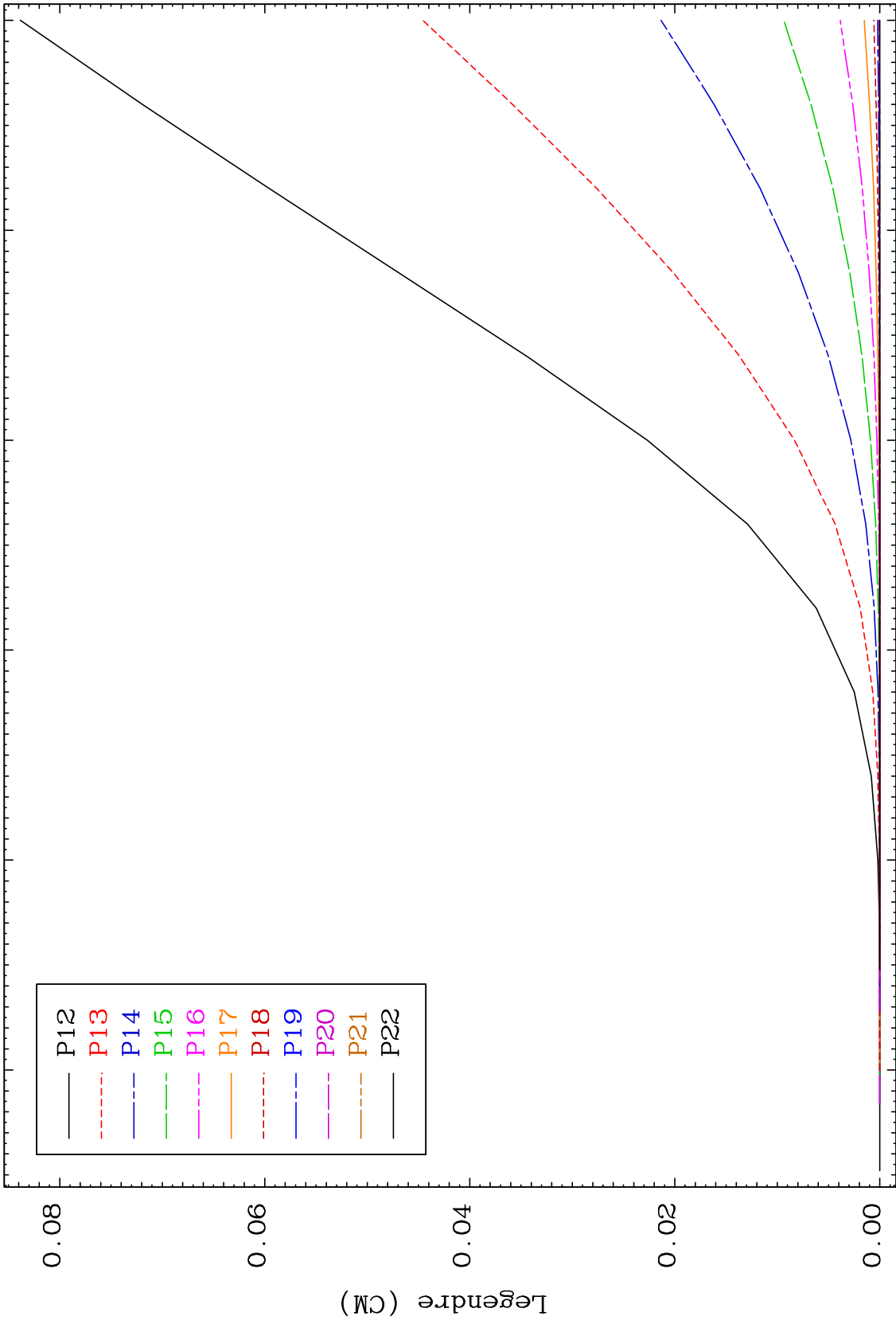




MAT 2340

Elastic Legendre Coefficients

23-V -55



17

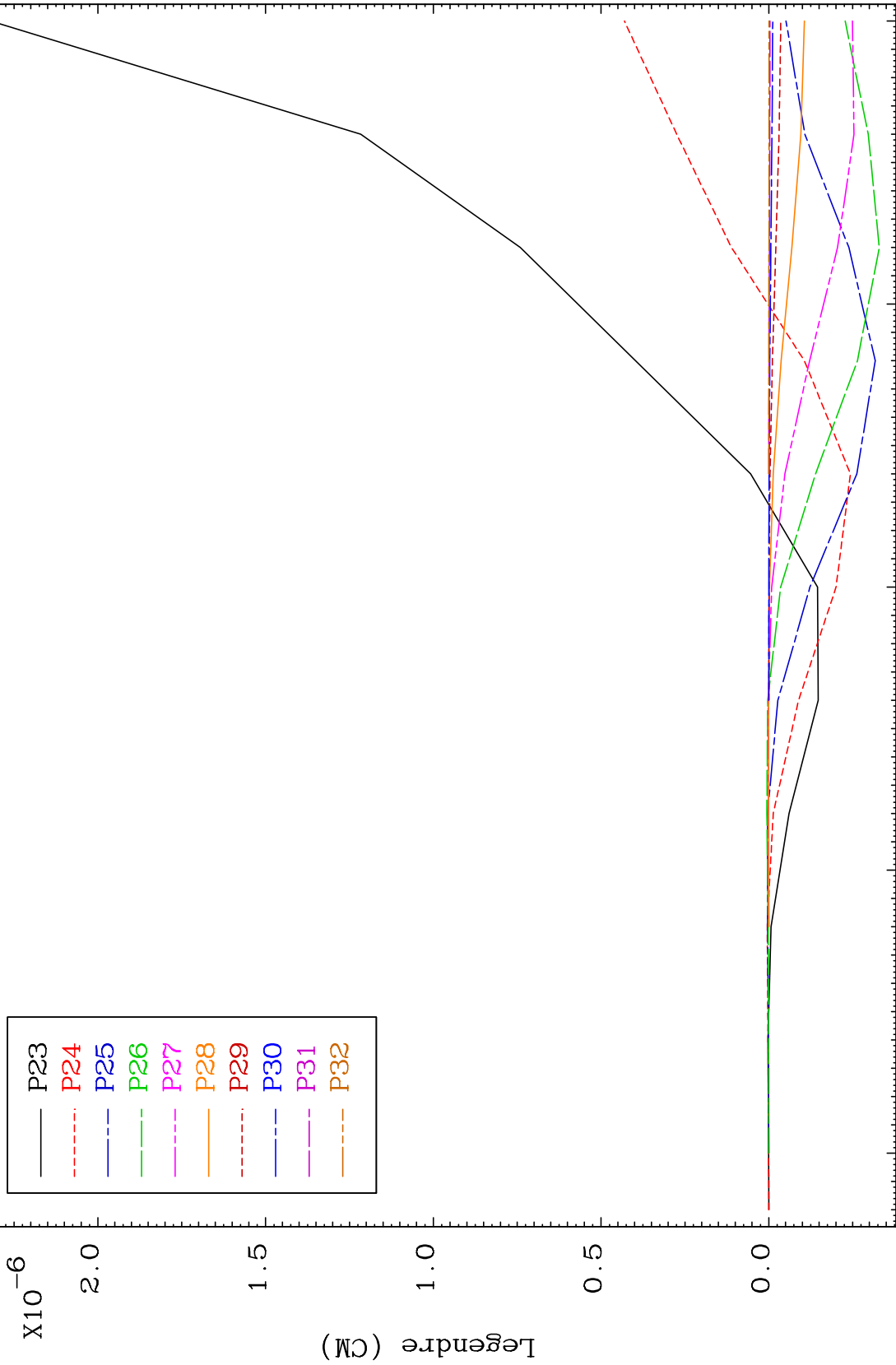
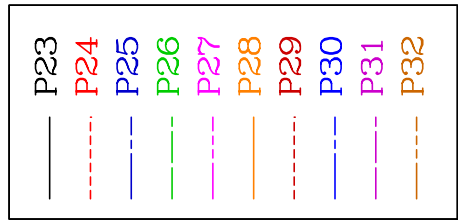
Incident Energy (MeV)

23-V -55

MAT 2340

Elastic Legendre Coefficients

23-V -55

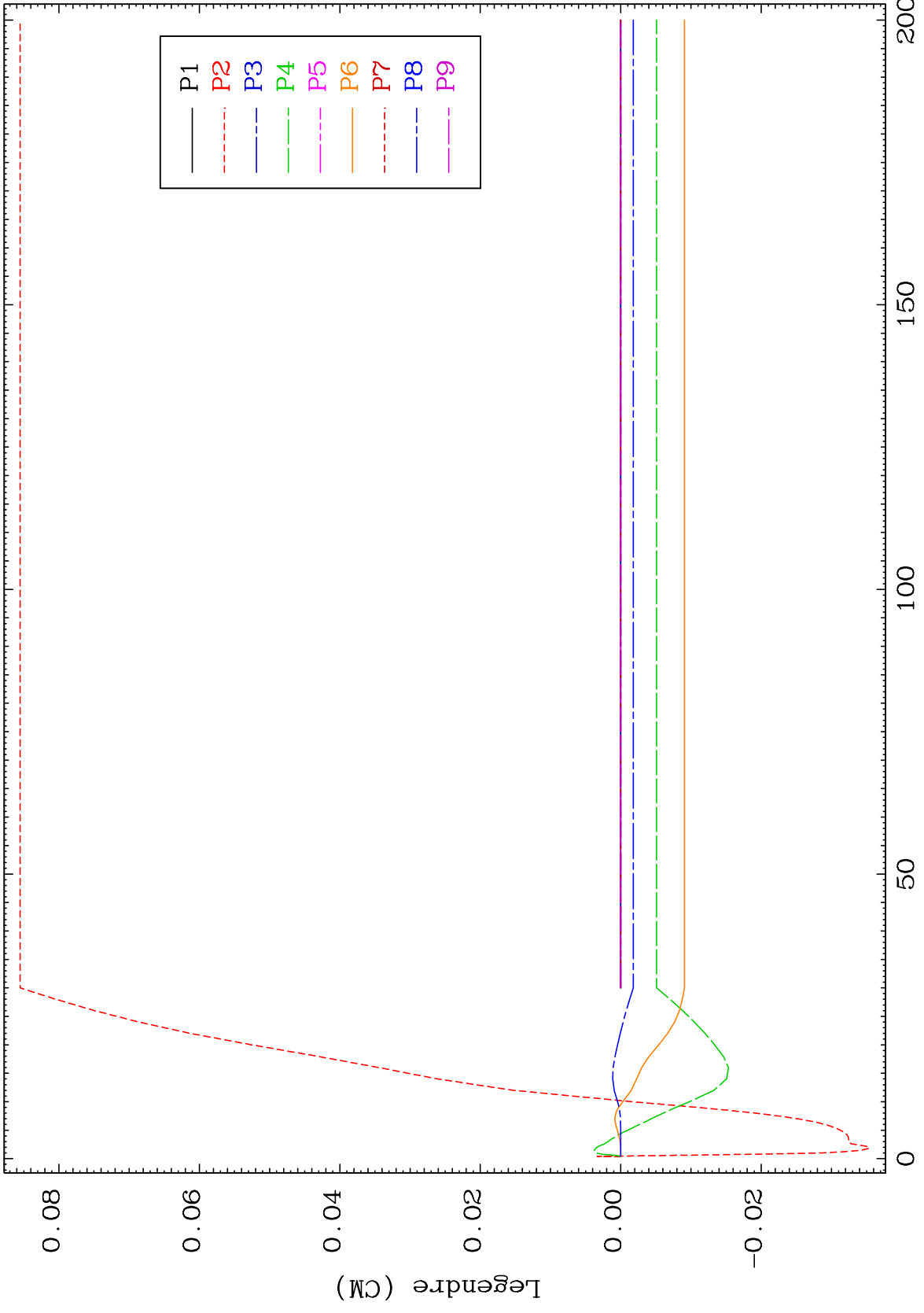


18

Incident Energy (MeV)

23-V -55

MAT 2340 MT= 51 (n,n') Level Legendre Coefficients 23-V -55

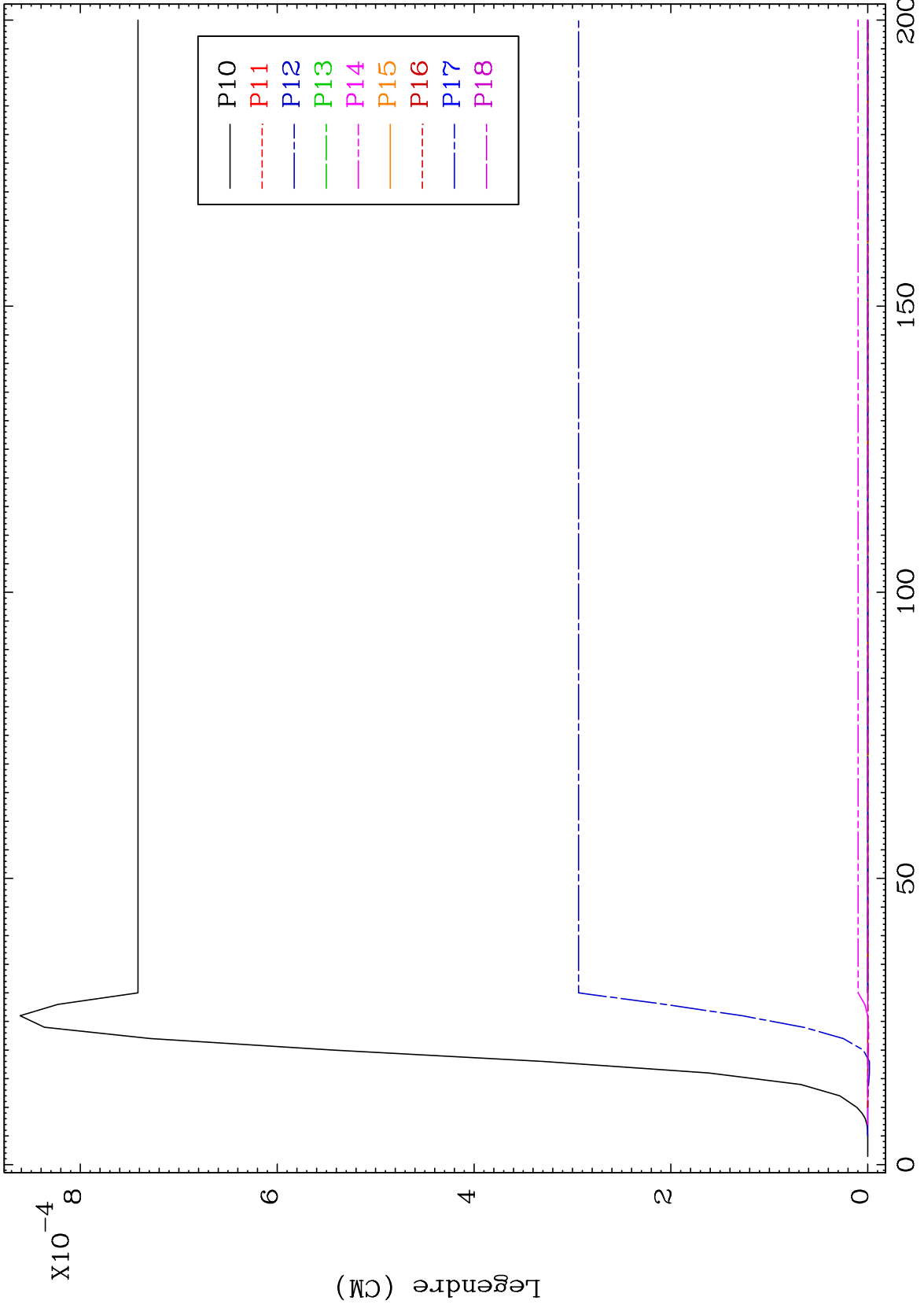


19 23-V -55

MAT 2340

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

23-V -55



20

50

100

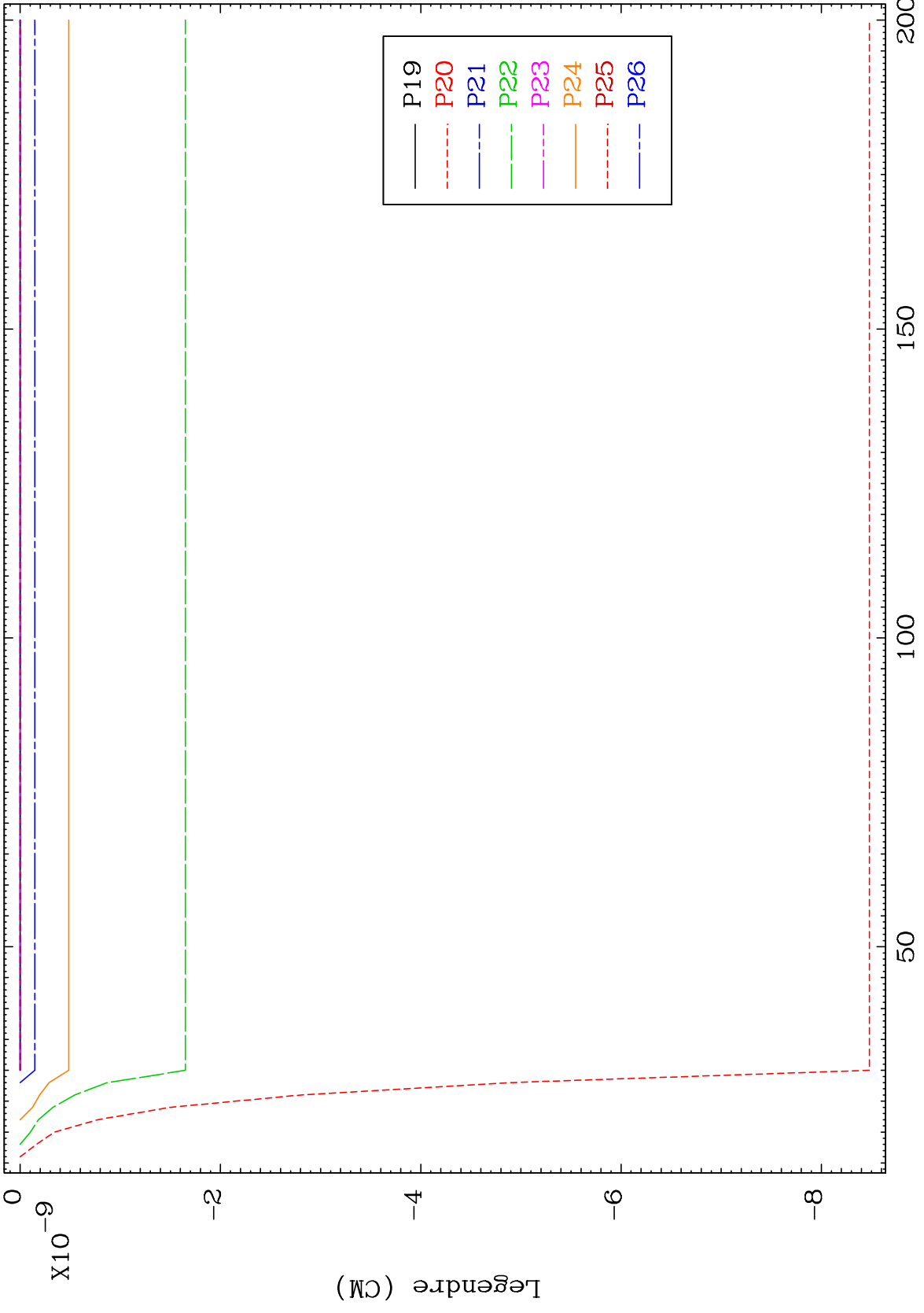
150

200

Incident Energy (MeV)

23-V -55

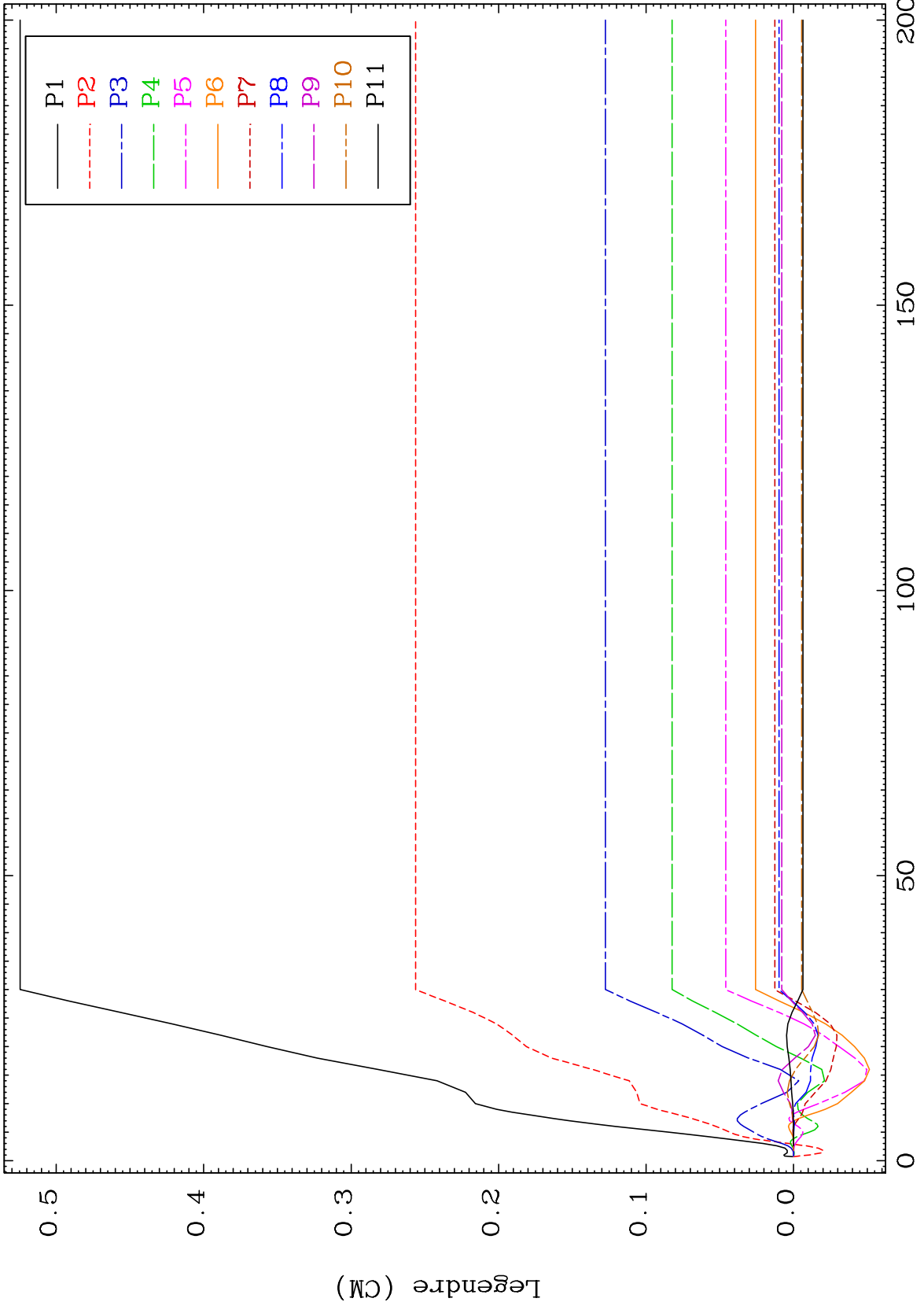
MAT 2340 MT= 51 (n,n') Level Legendre Coefficients 23-V -55



MAT 2340

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

23-V -55



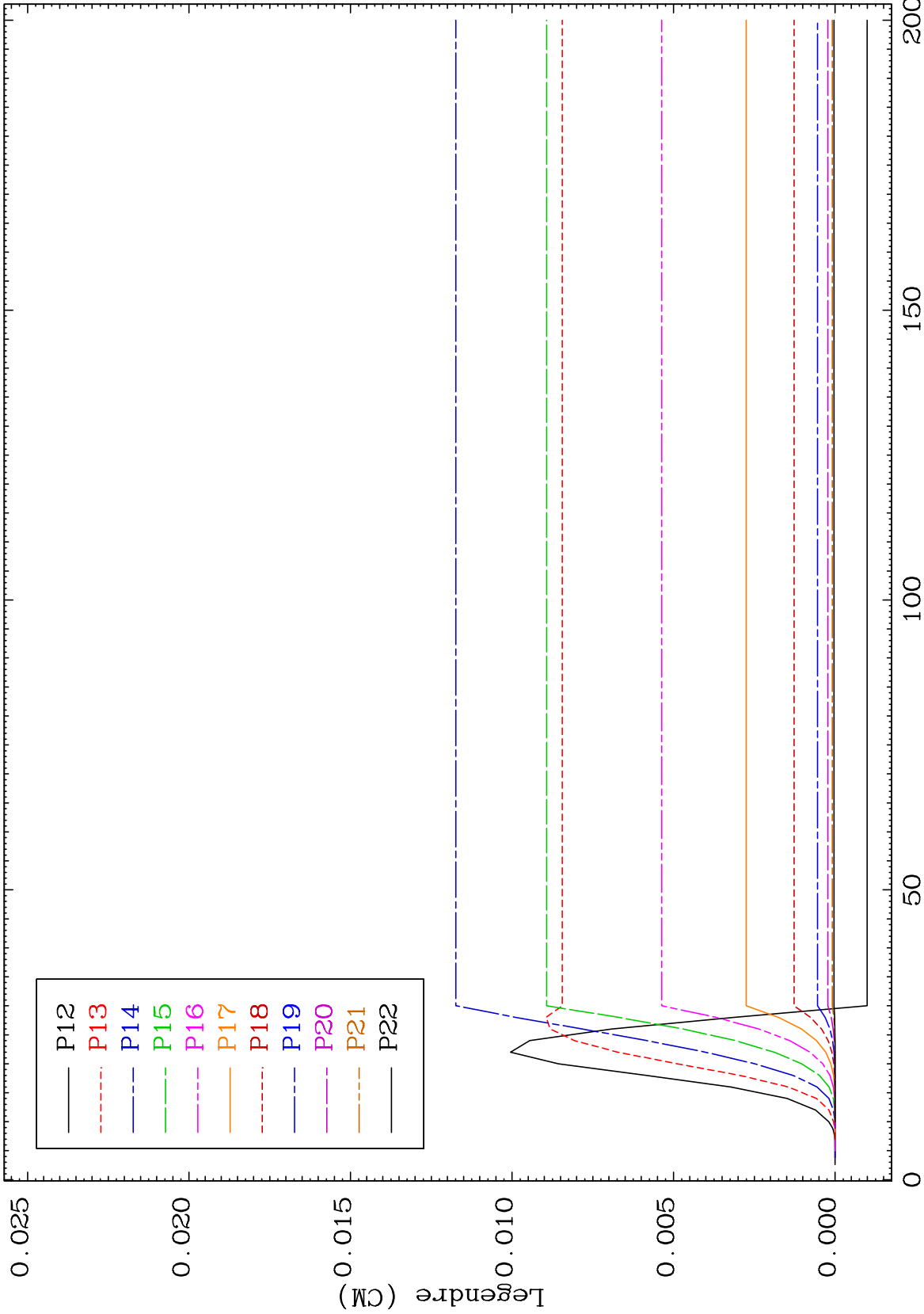
22

23-V -55

MAT 2340

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

23-V -55



23

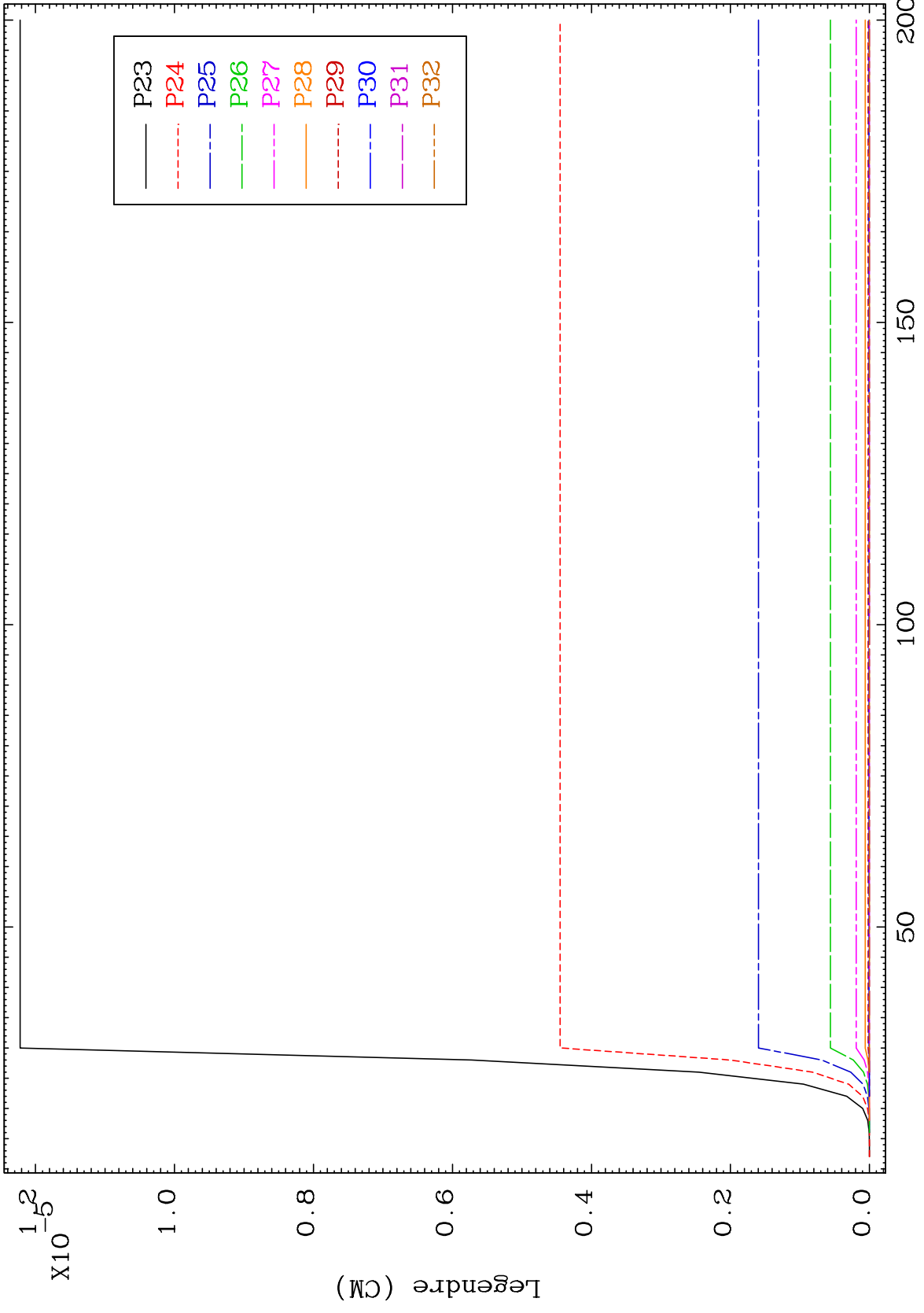
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



24

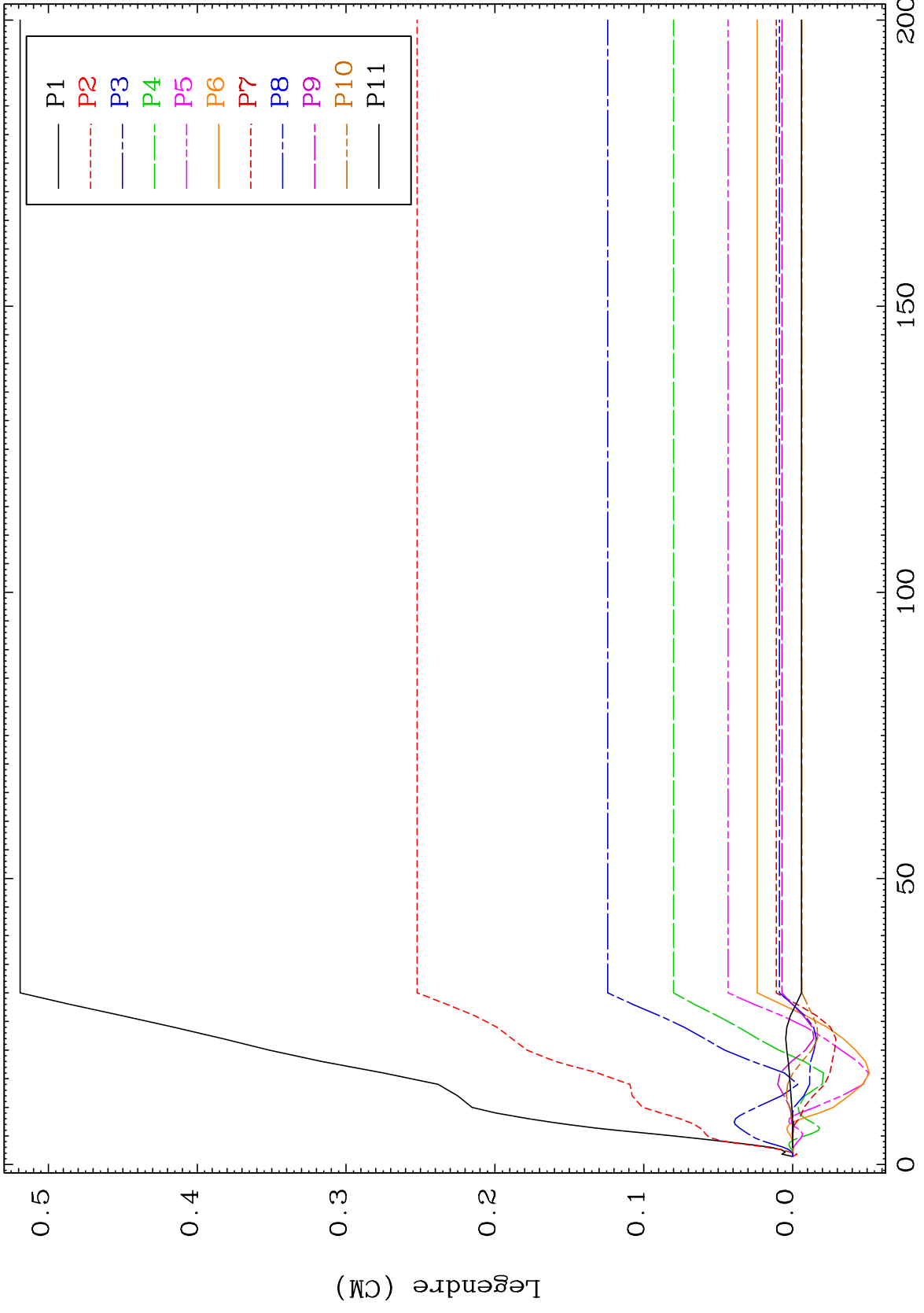
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



25

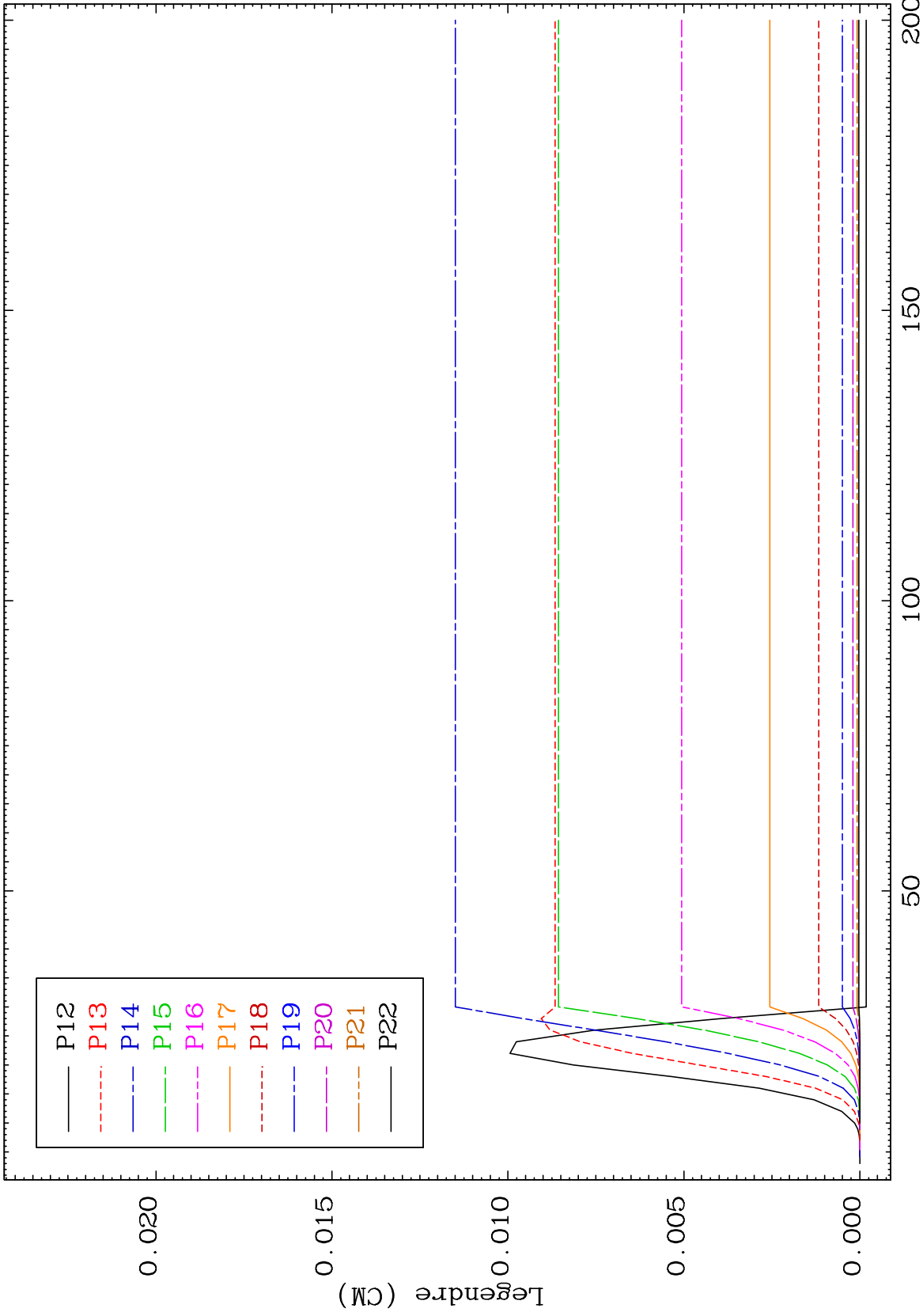
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



26

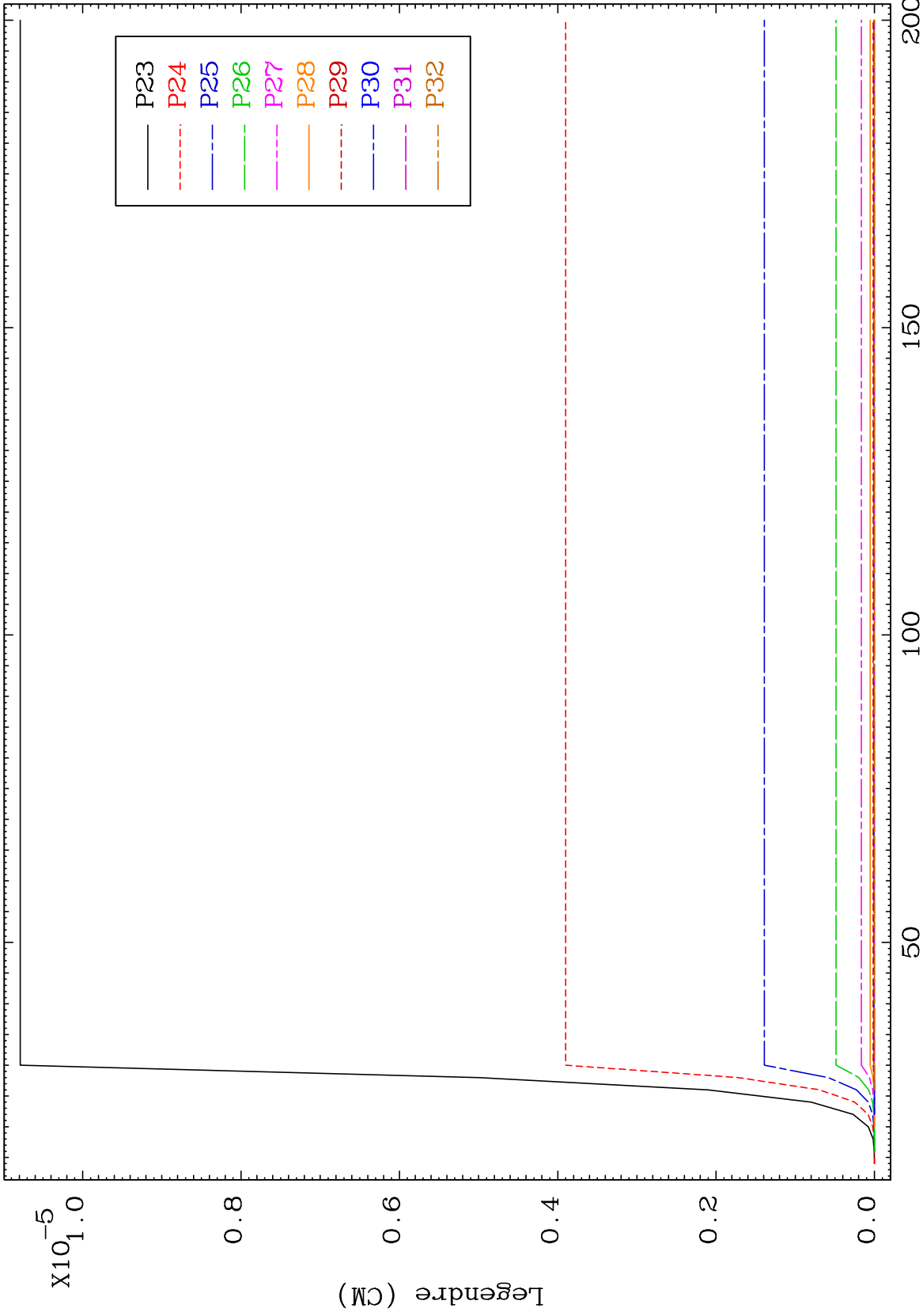
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



27

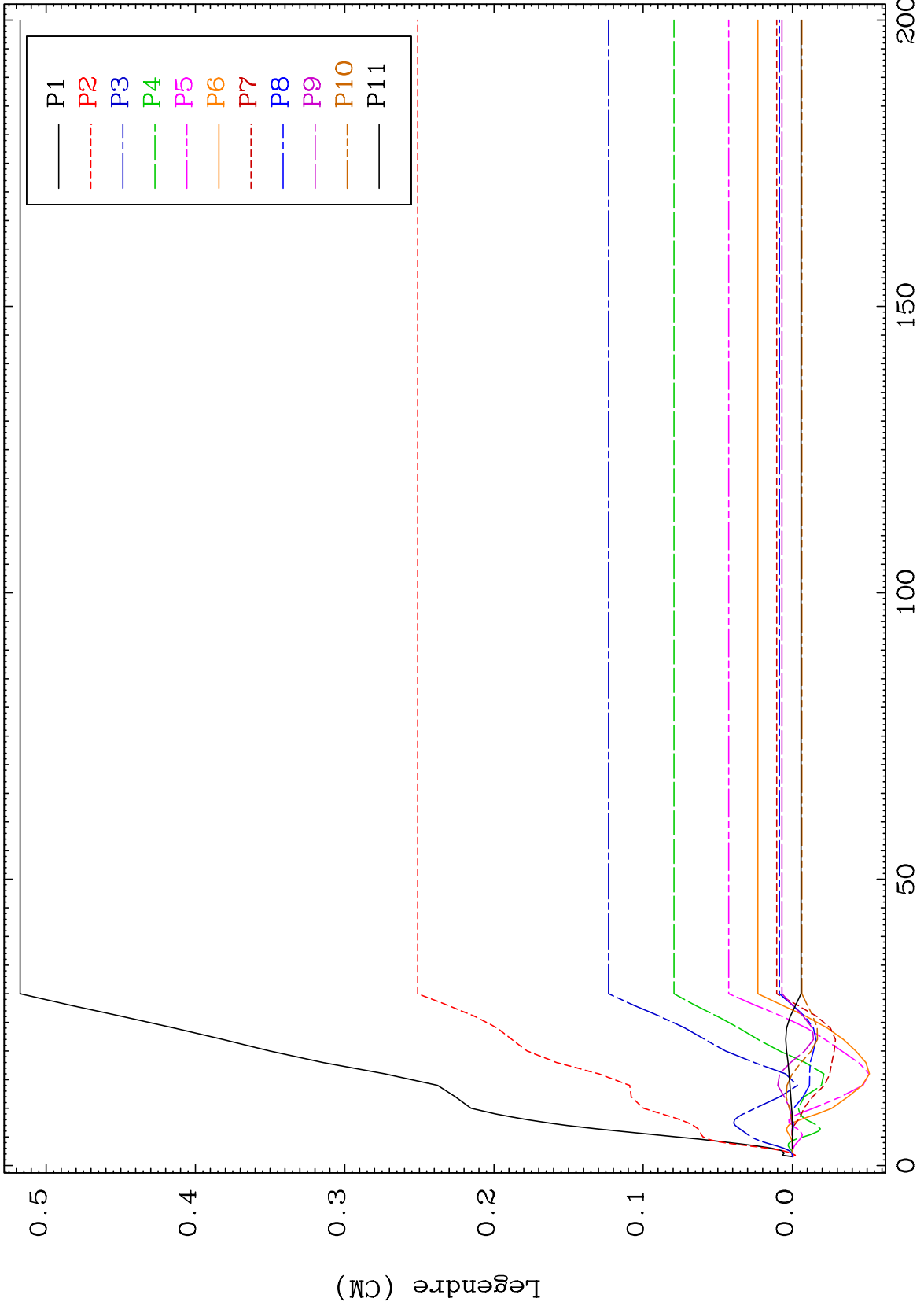
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



28

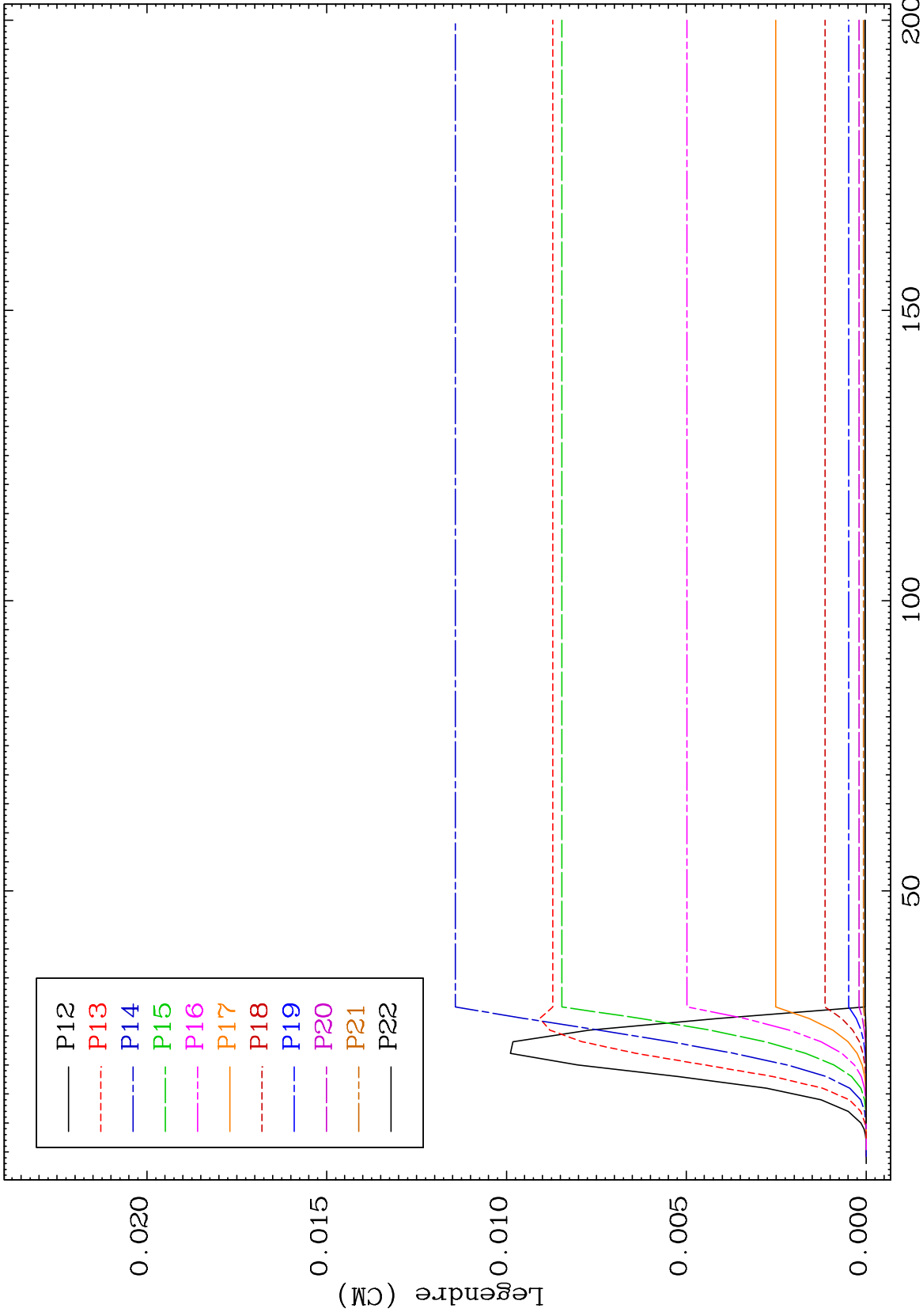
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



29

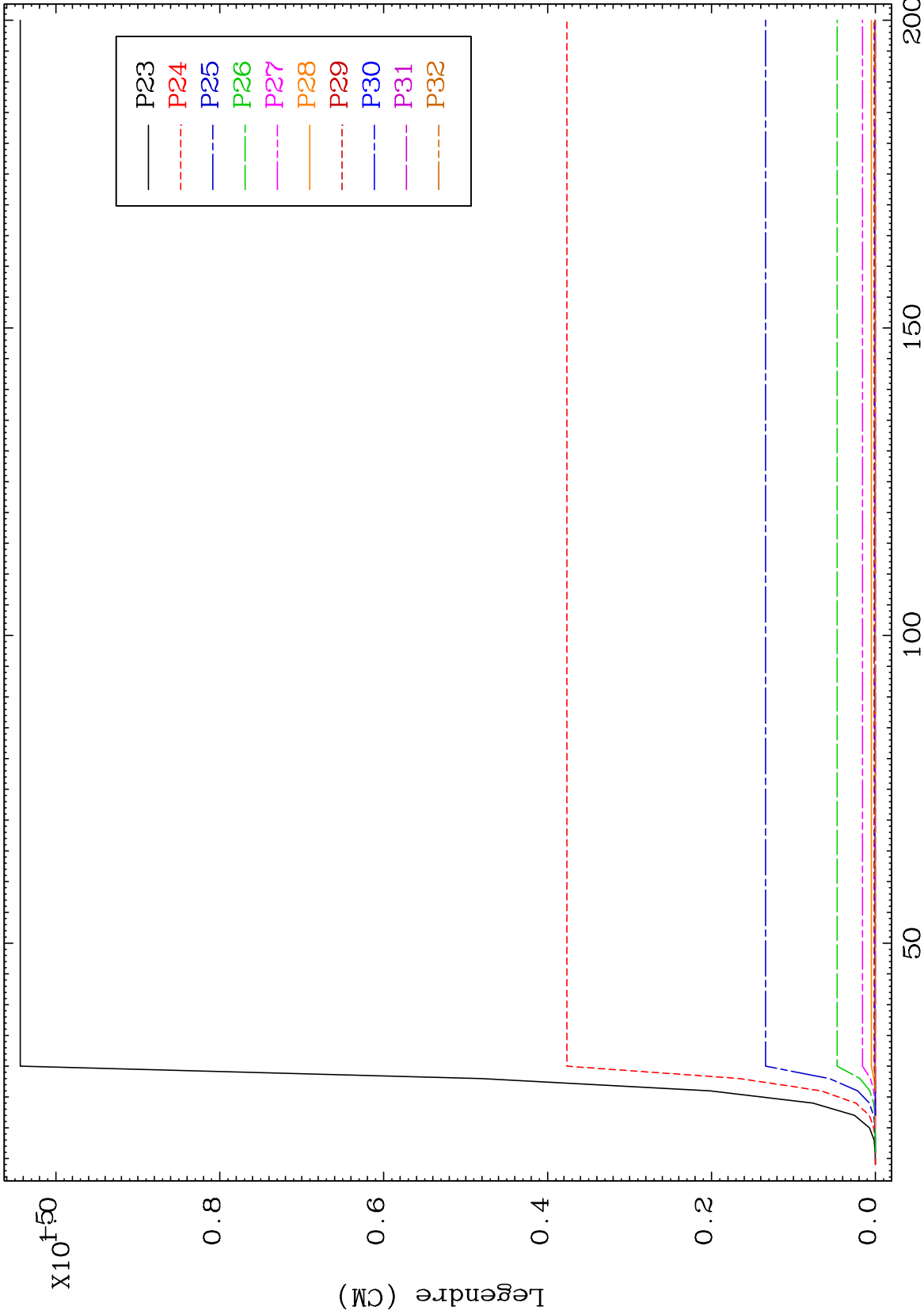
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



30

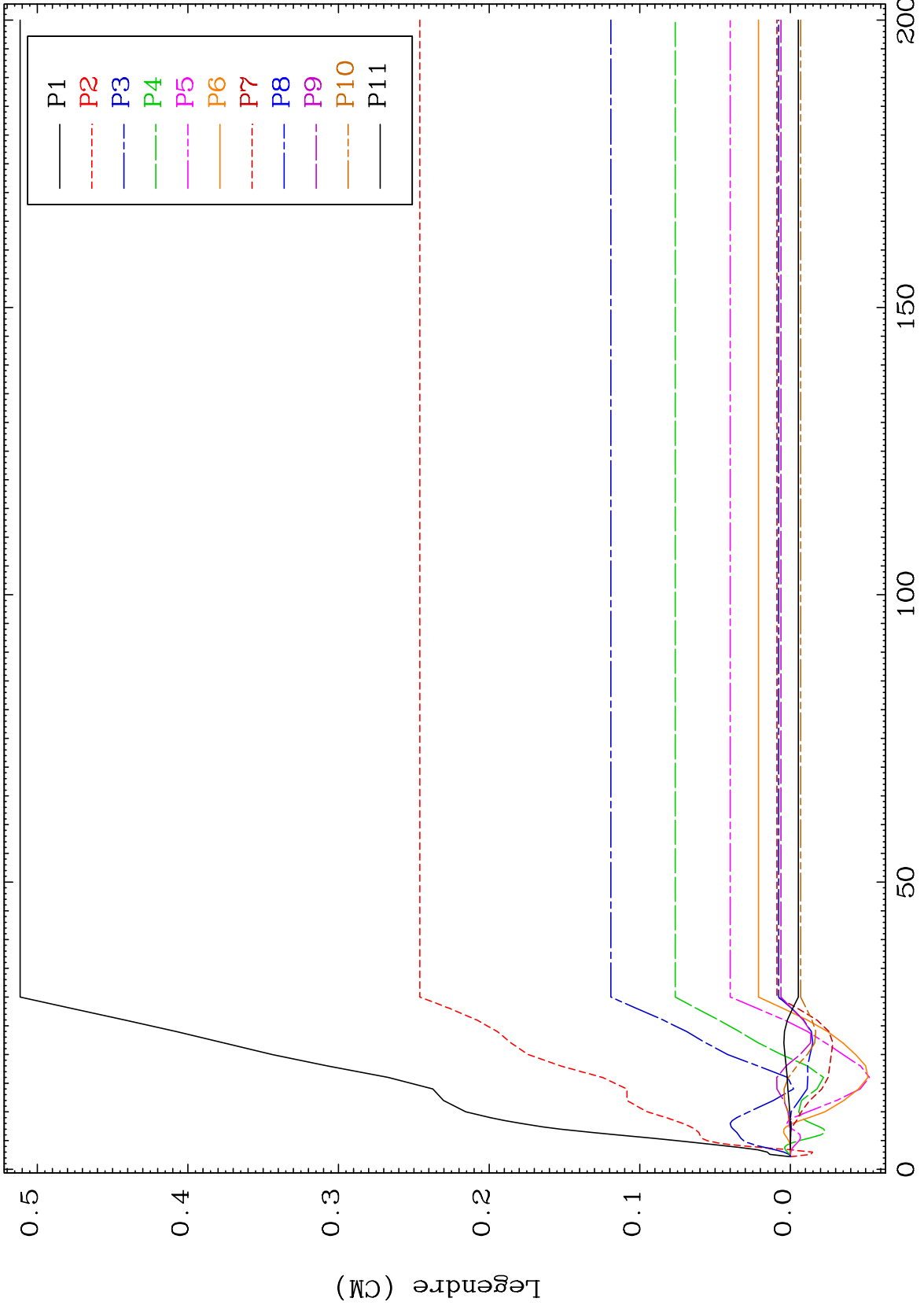
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



31

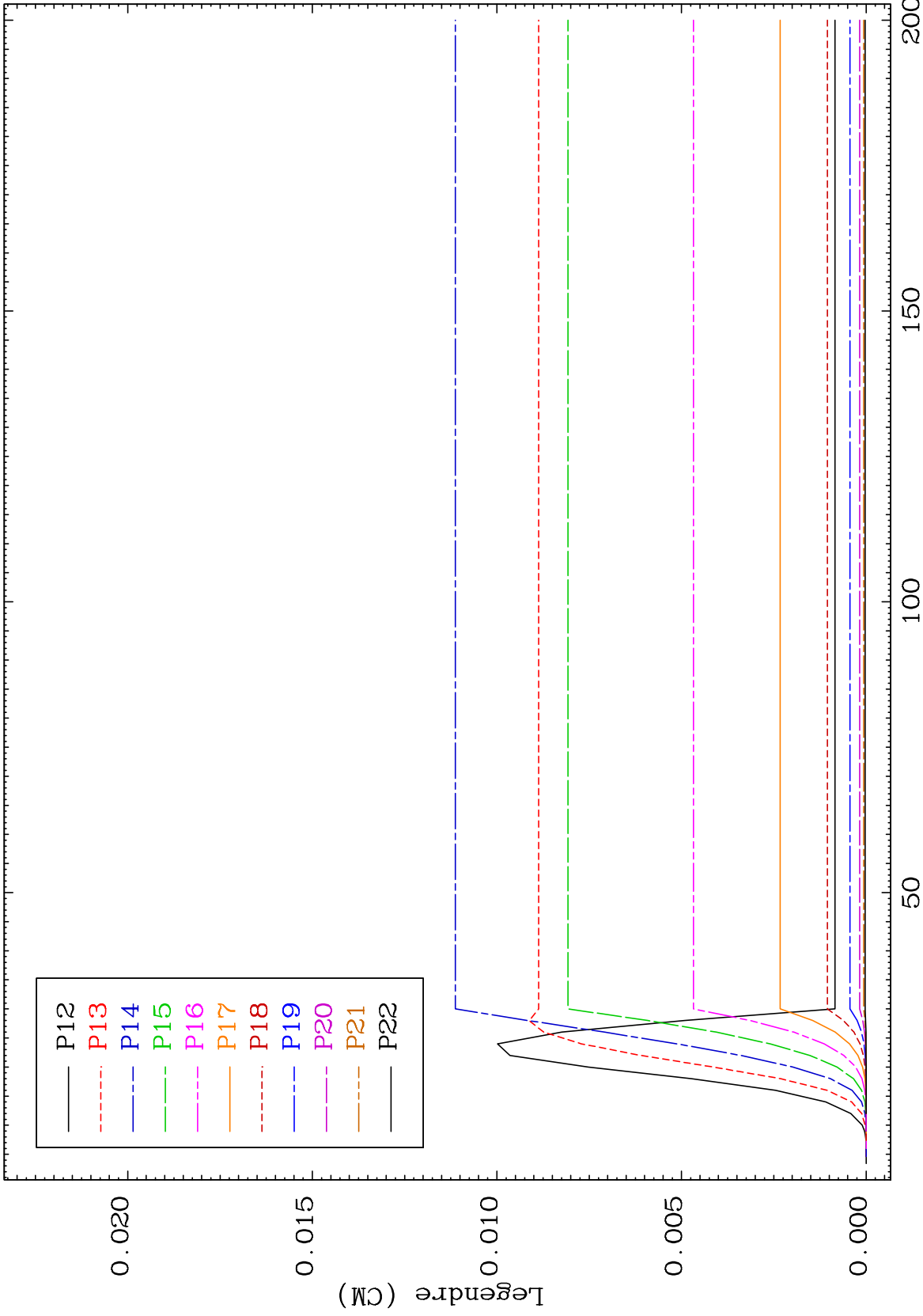
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



32

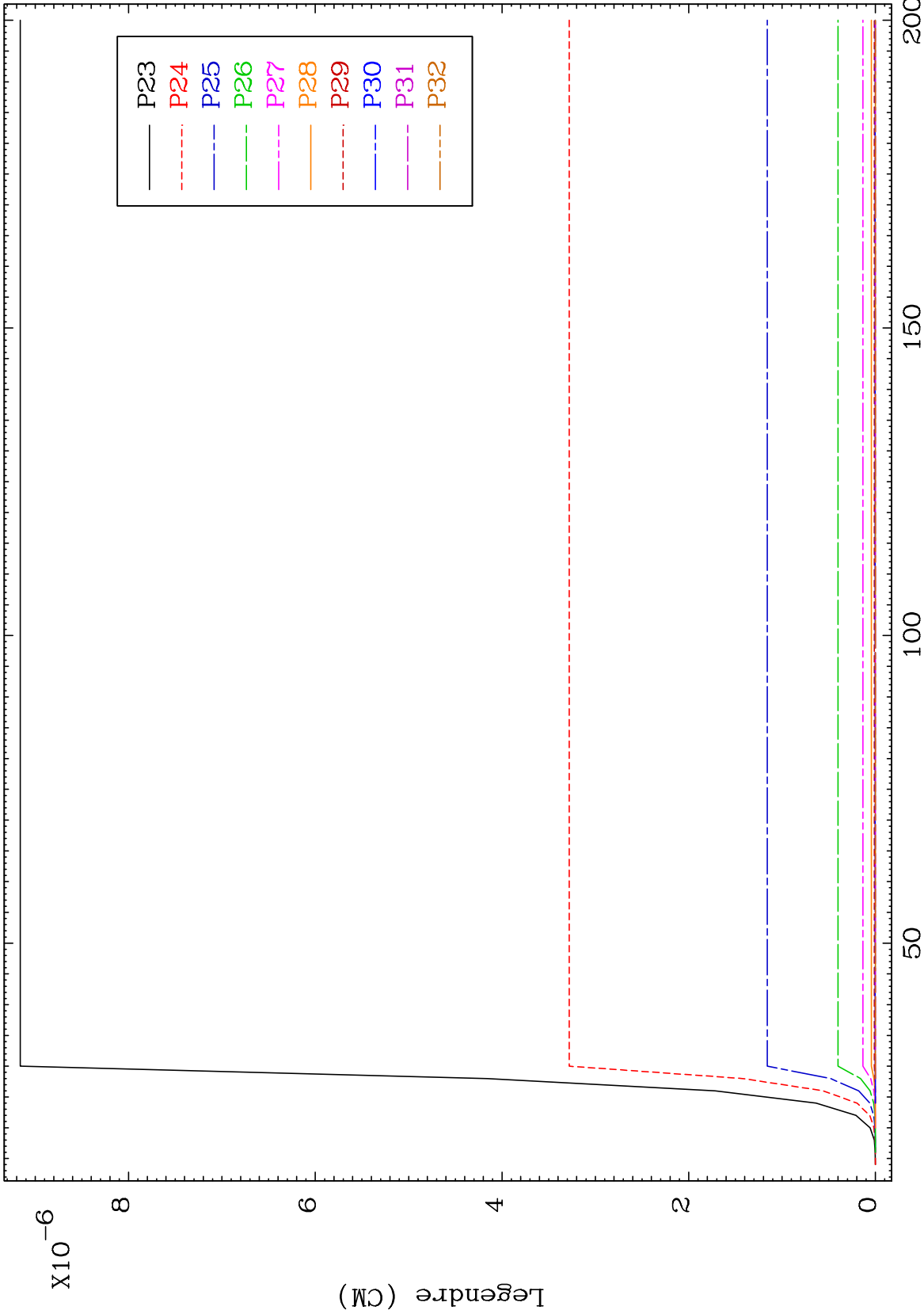
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55

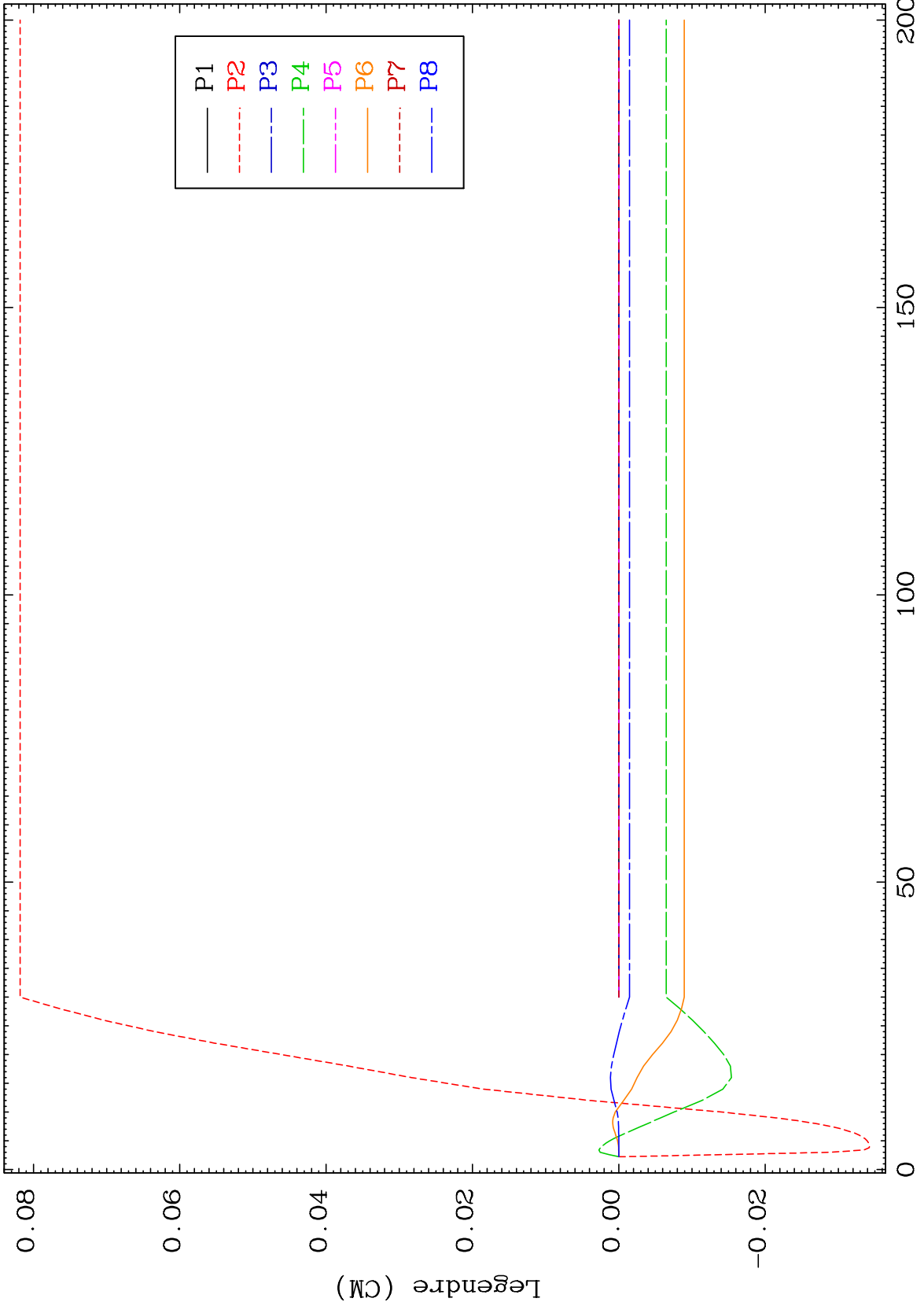


33

Incident Energy (MeV)

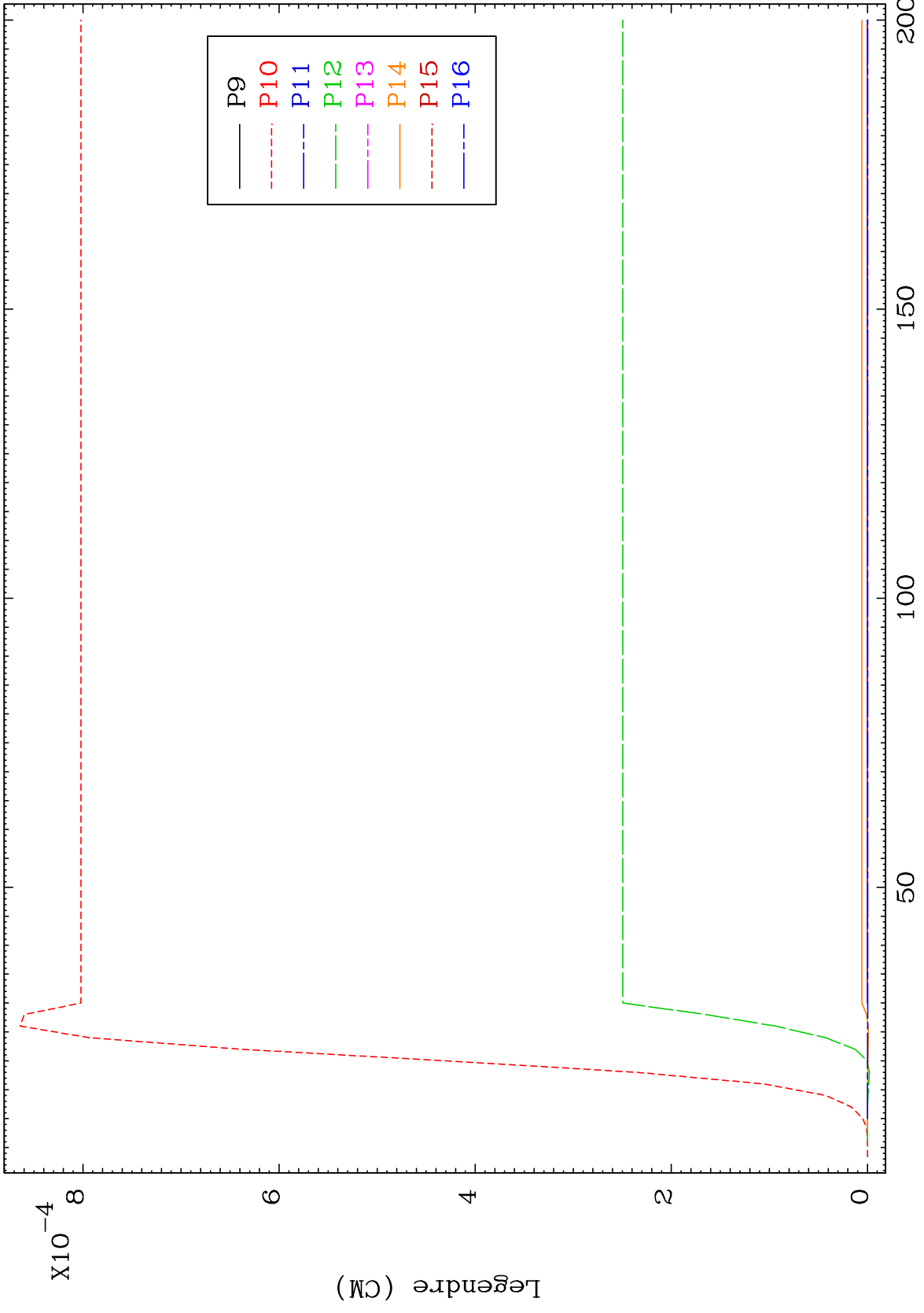
23-V -55

MAT 2340 MT= 56 (n,n') Level Legendre Coefficients 23-V -55



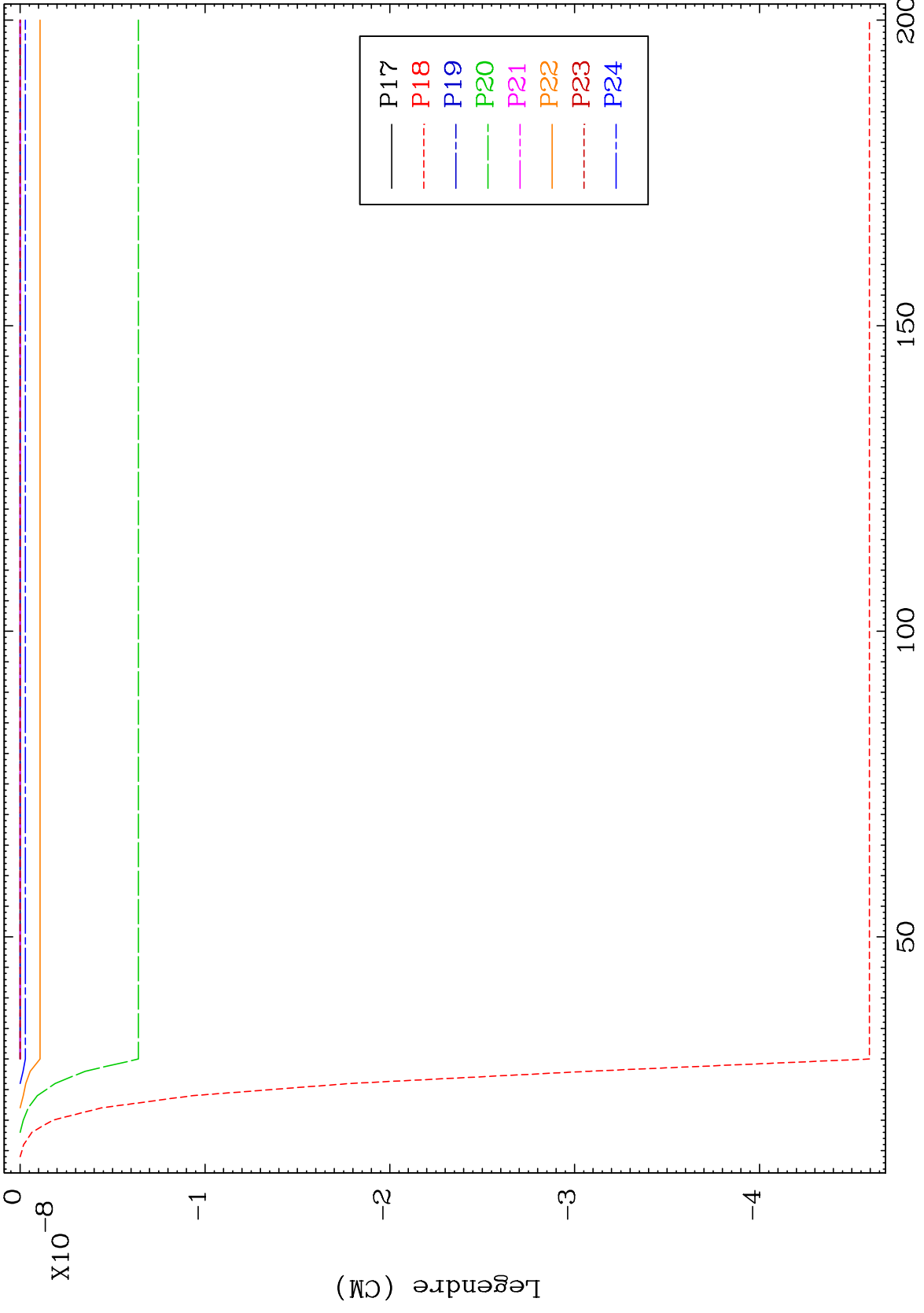
34 23-V -55

MAT 2340 MT= 56 (n,n') Level Legendre Coefficients 23-V -55



35 Incident Energy (MeV) 200 23-V -55

MAT 2340 MT= 56 (n,n') Level Legendre Coefficients 23-V -55

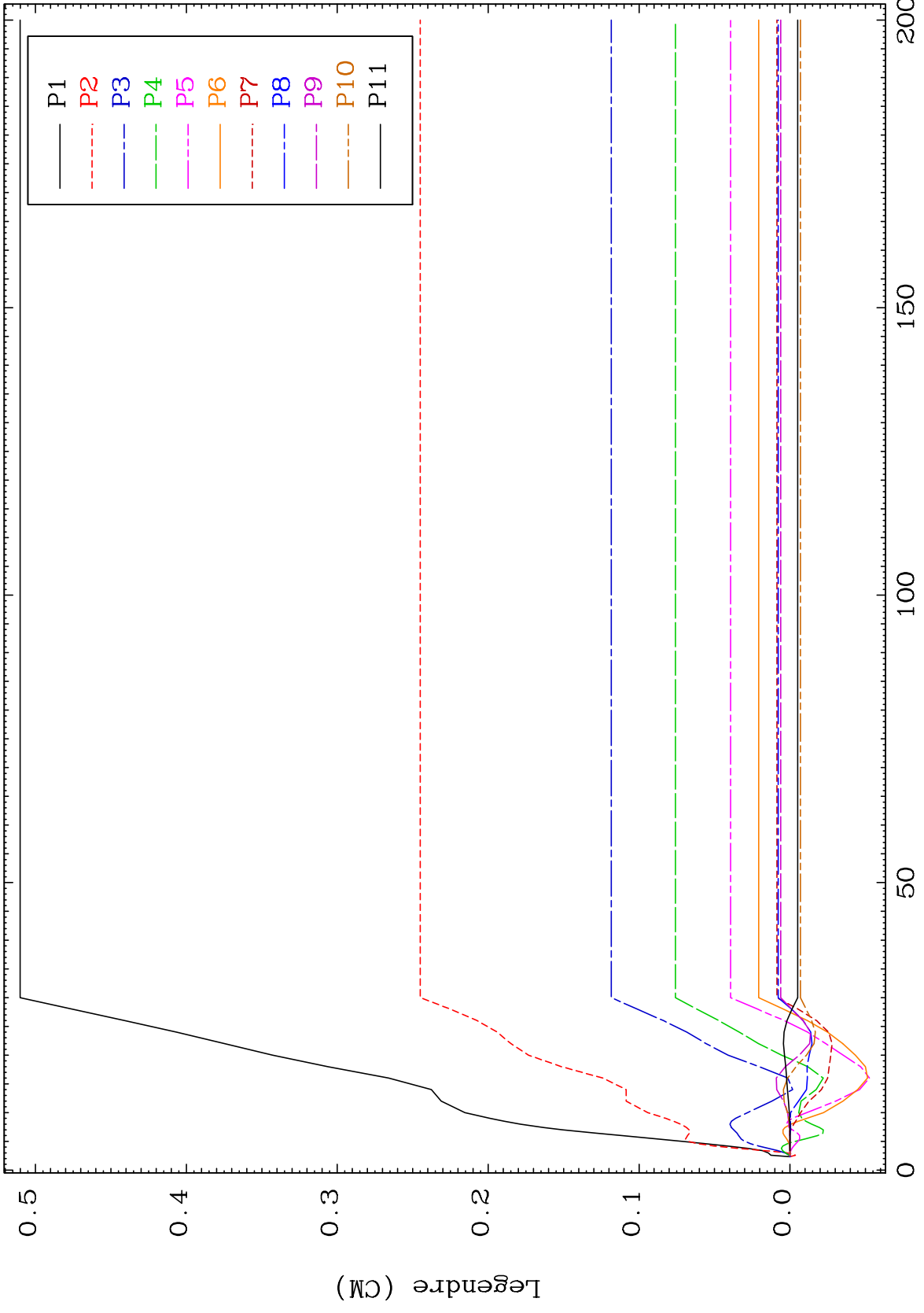


36 Incident Energy (MeV) 23-V -55

MAT 2340

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

23-V -55



37

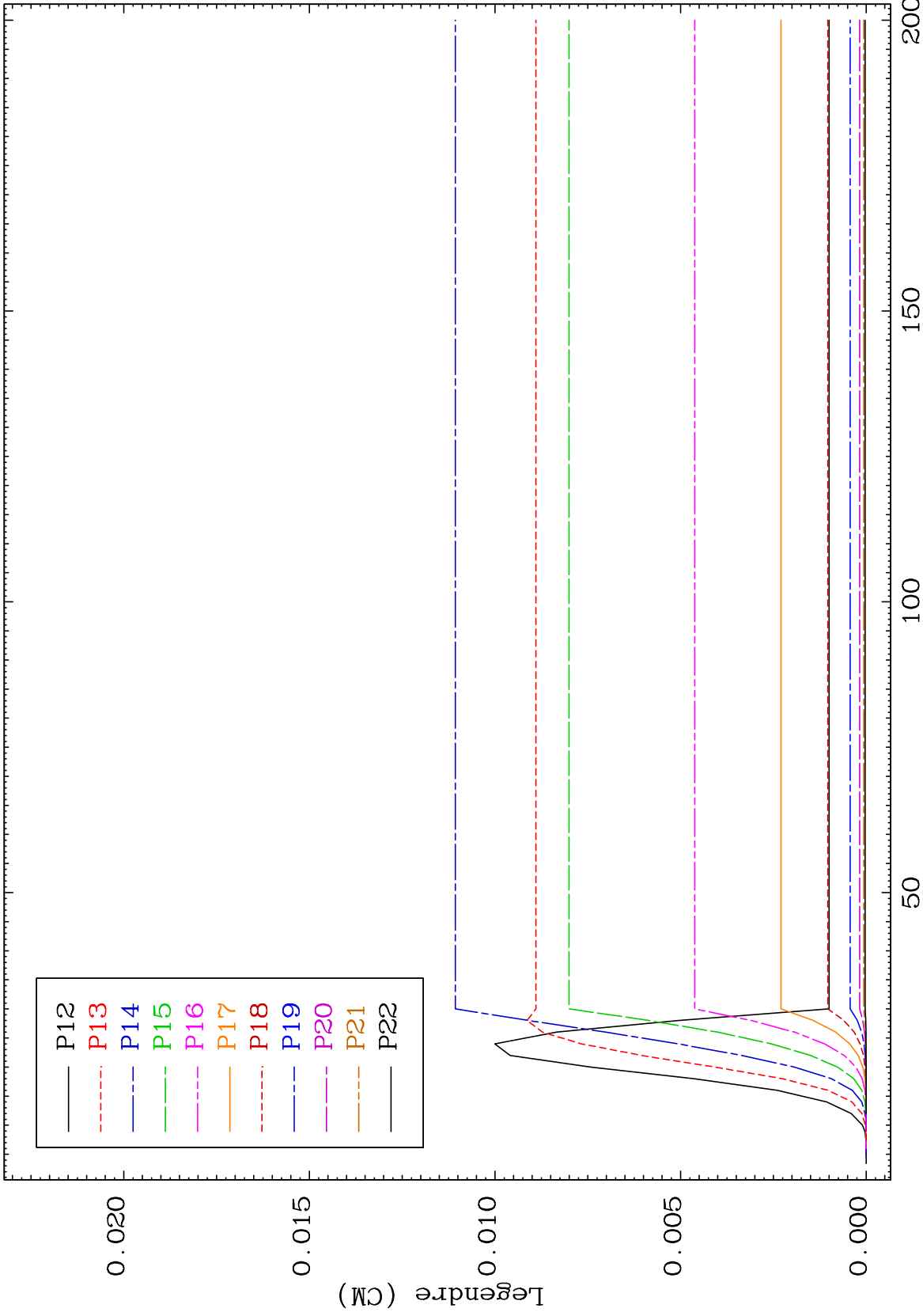
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



38

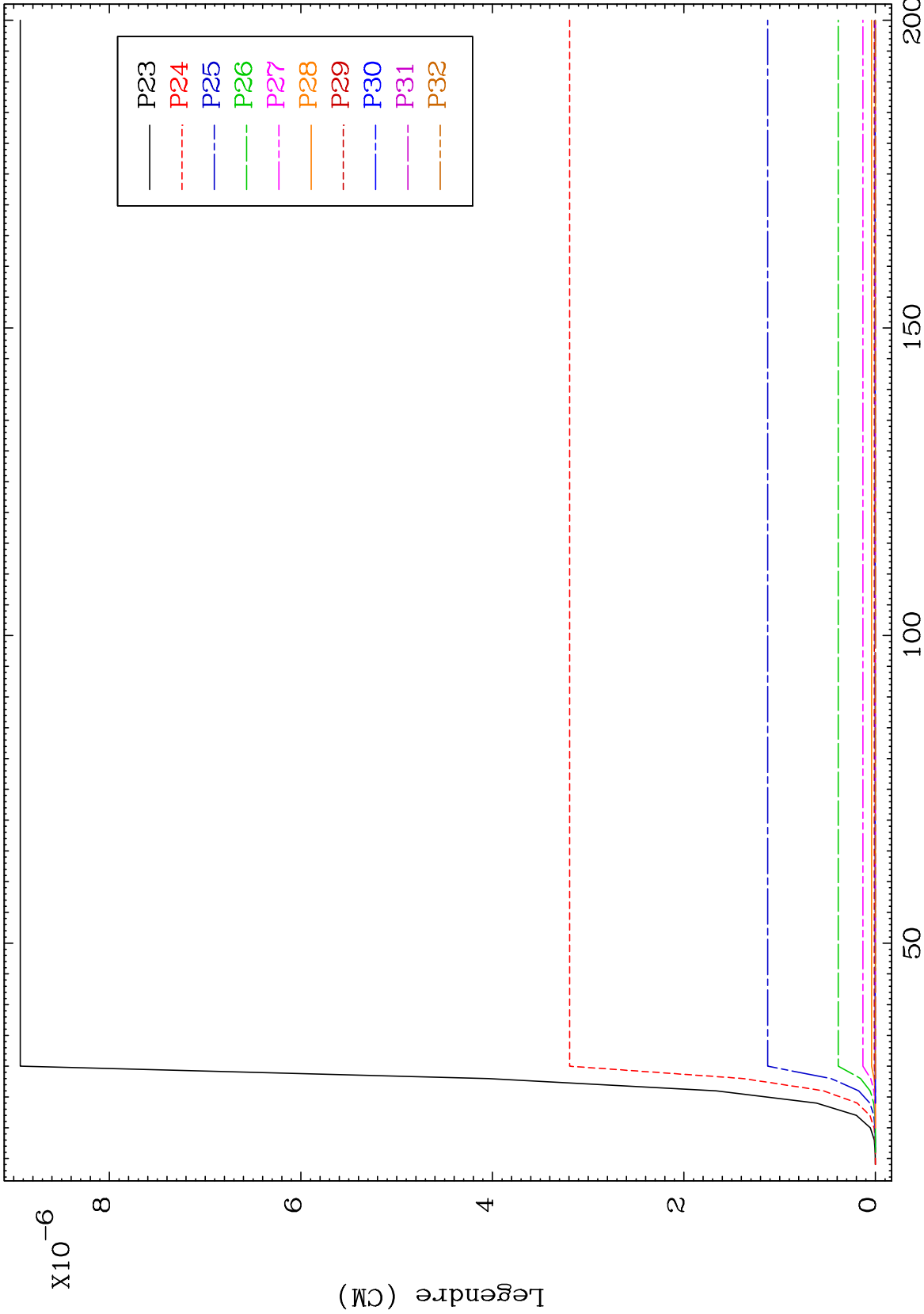
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55

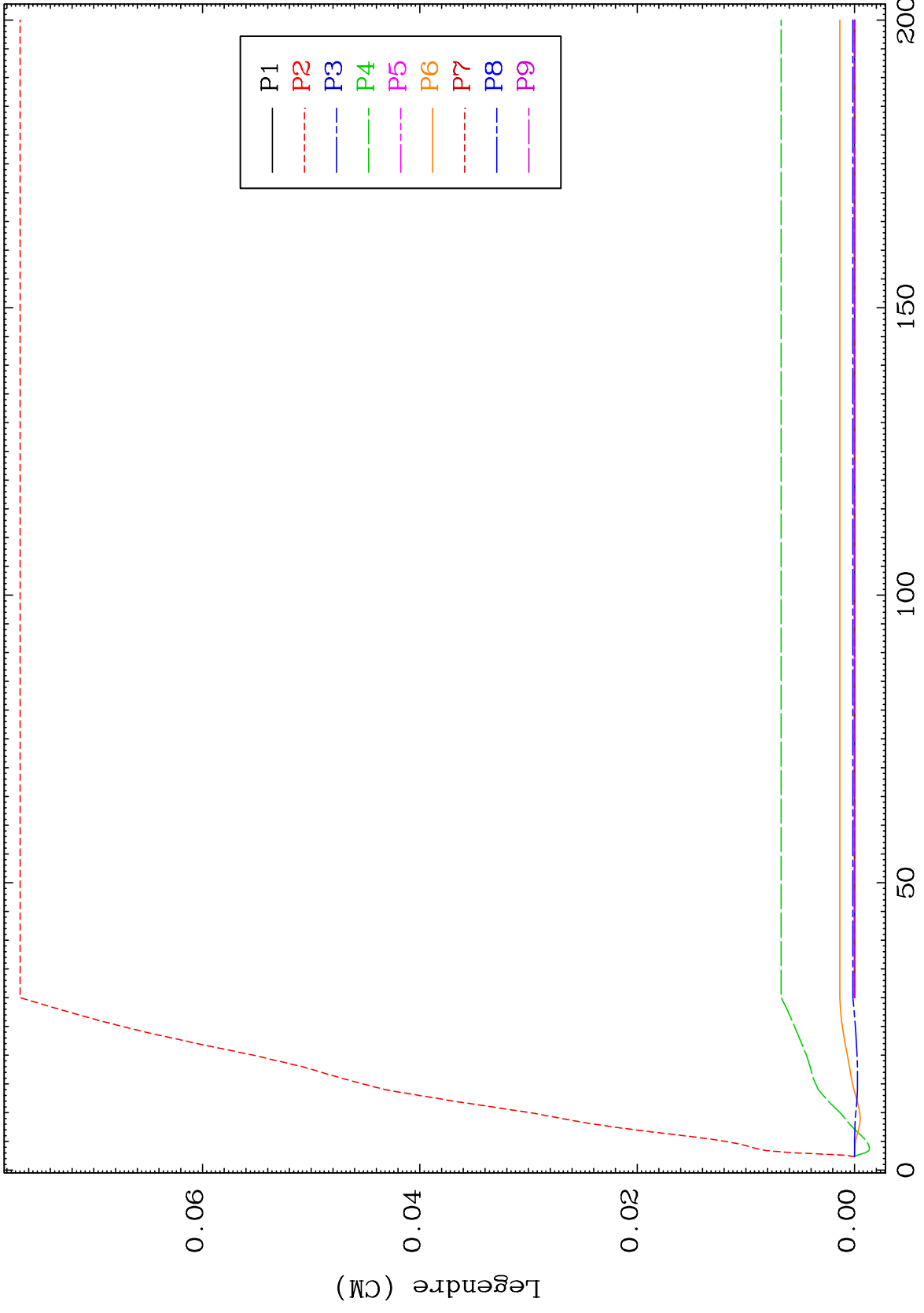


39

Incident Energy (MeV)

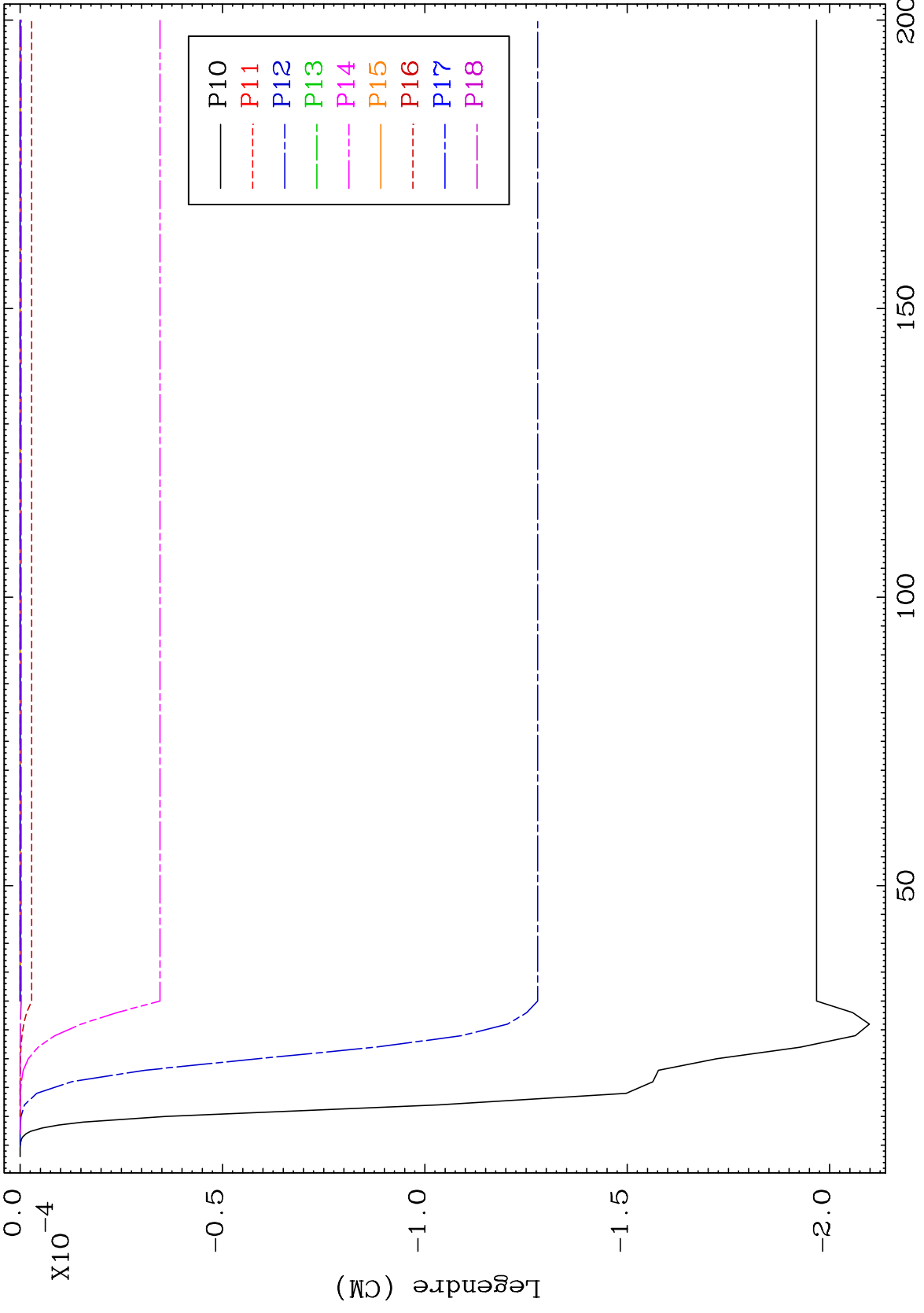
23-V -55

MAT 2340 MT= 58 (n,n') Level Legendre Coefficients 23-V -55

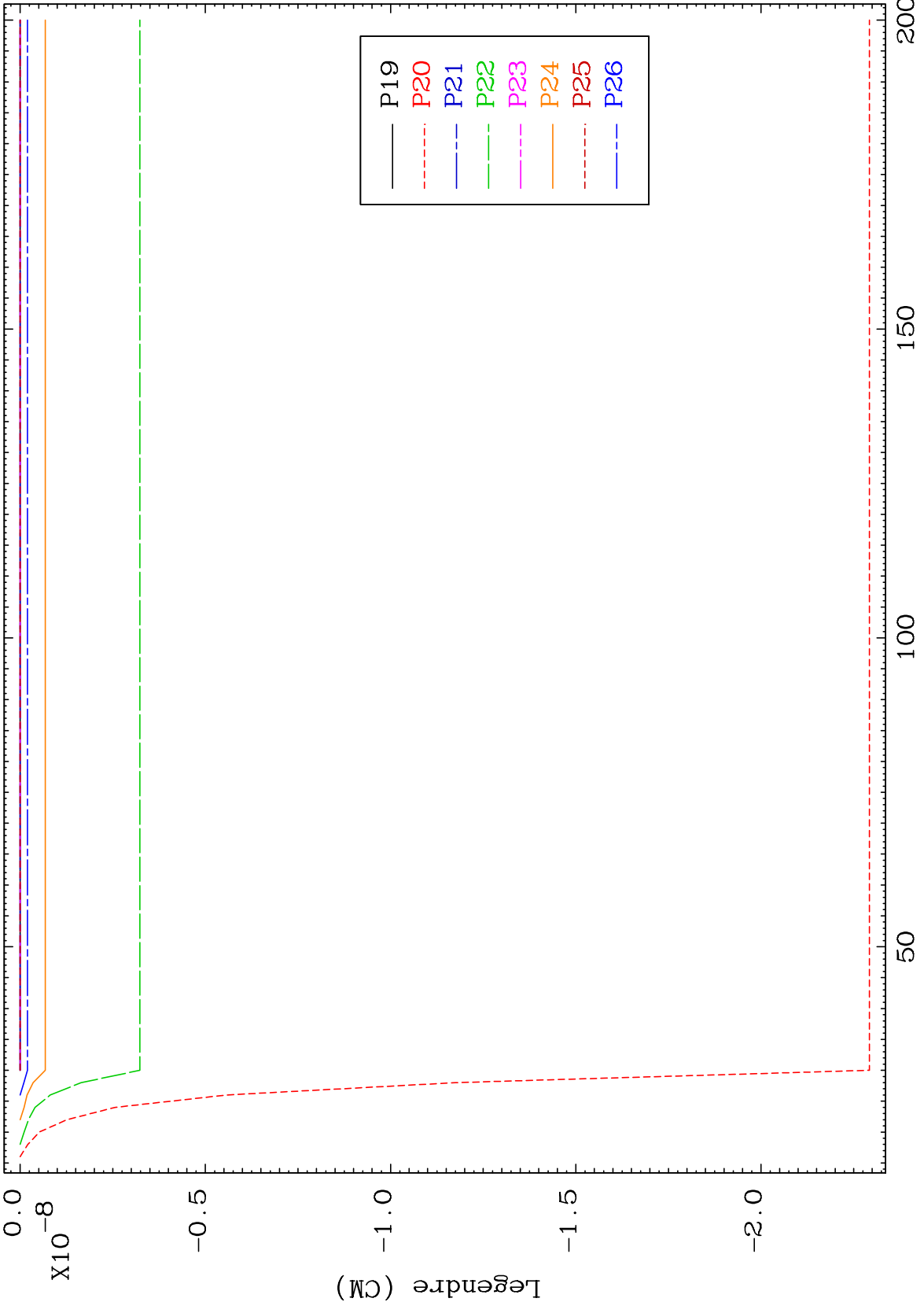


23-V -55

MAT 2340 MT= 58 (n,n') Level Legendre Coefficients 23-V -55

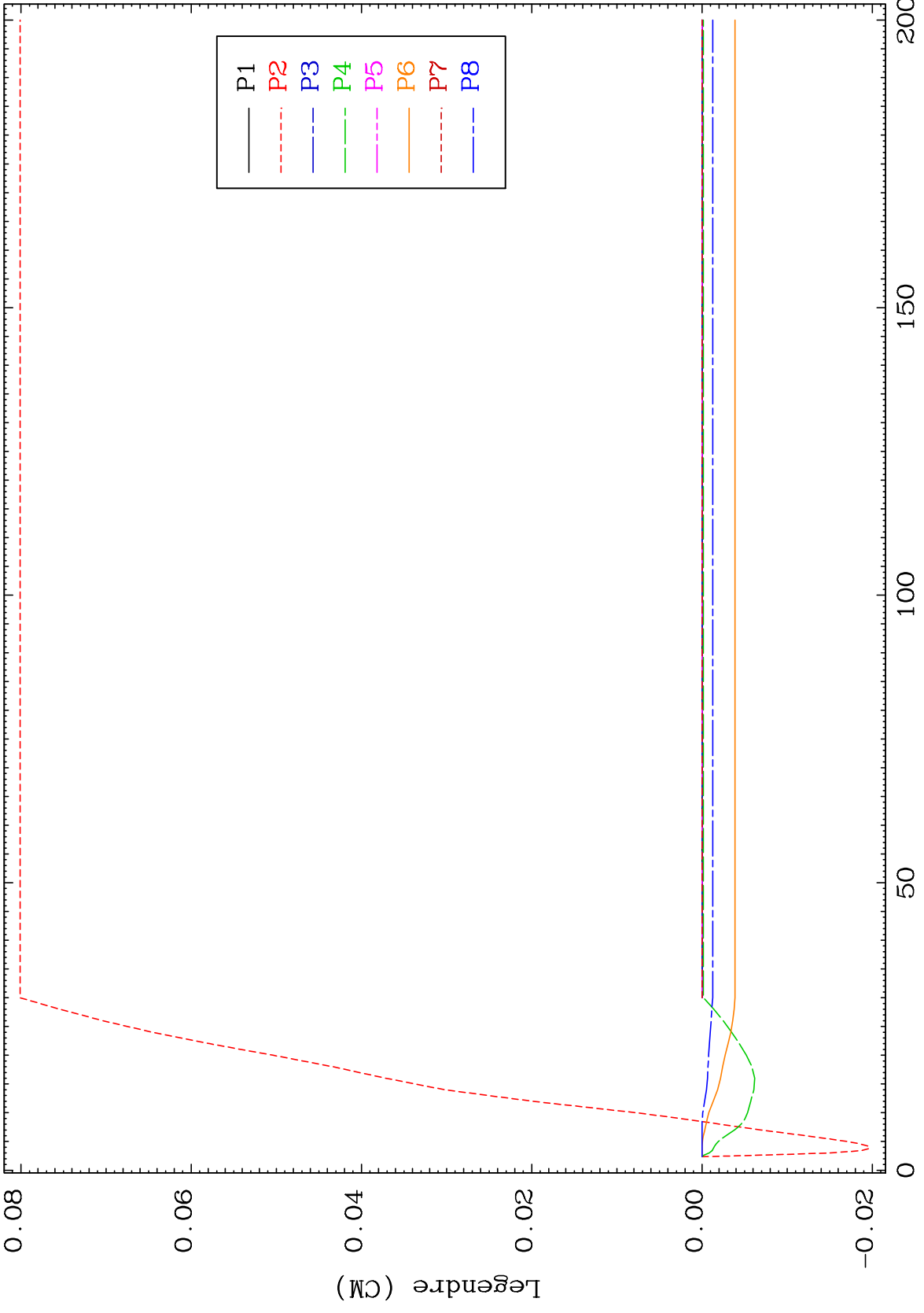


MAT 2340 MT= 58 (n,n') Level Legendre Coefficients 23-V -55



42 50 100 150 200 23-V -55

MAT 2340 MT= 59 (n,n') Level Legendre Coefficients 23-V -55

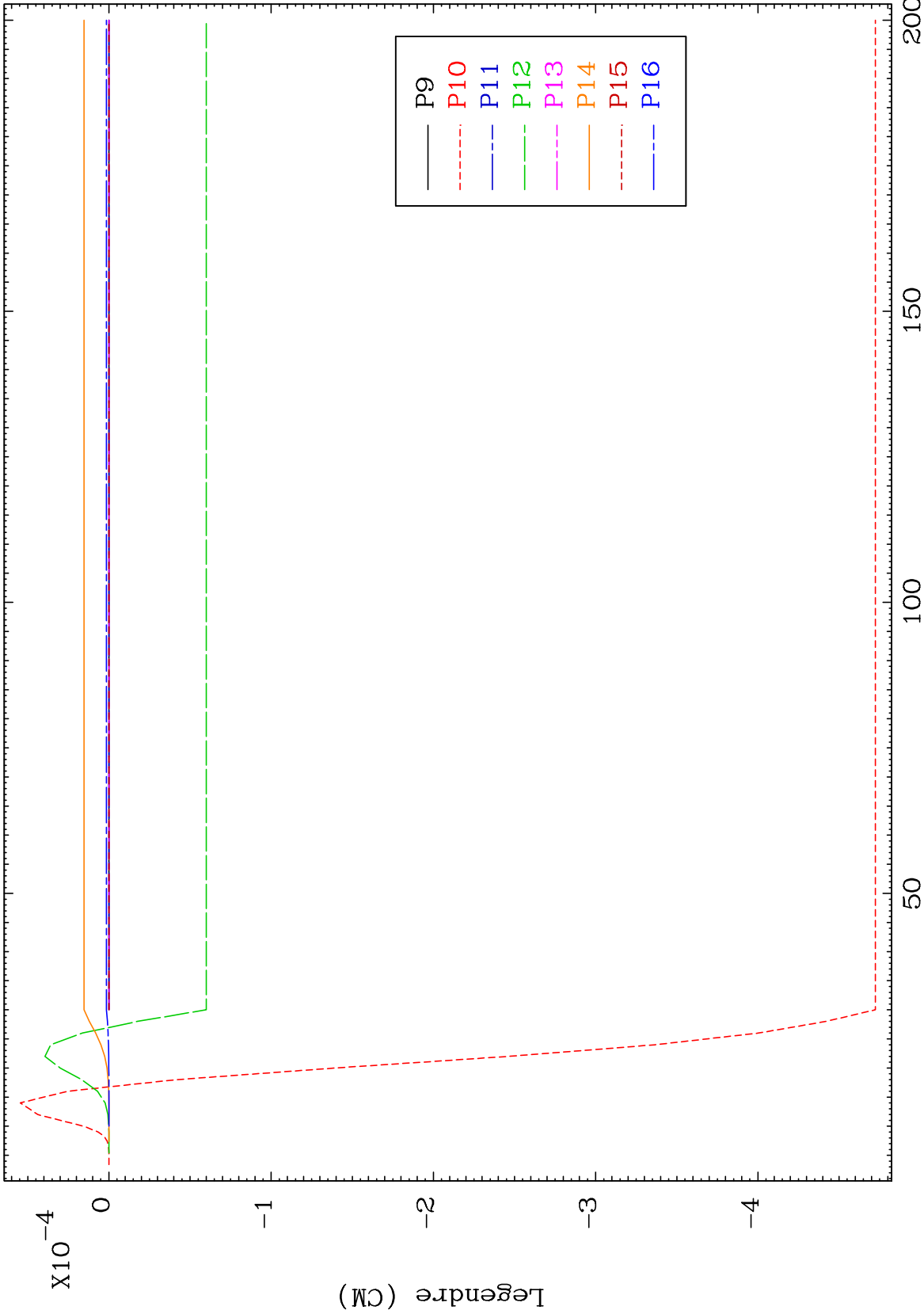


43 23-V -55

MAT 2340

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

23-V -55

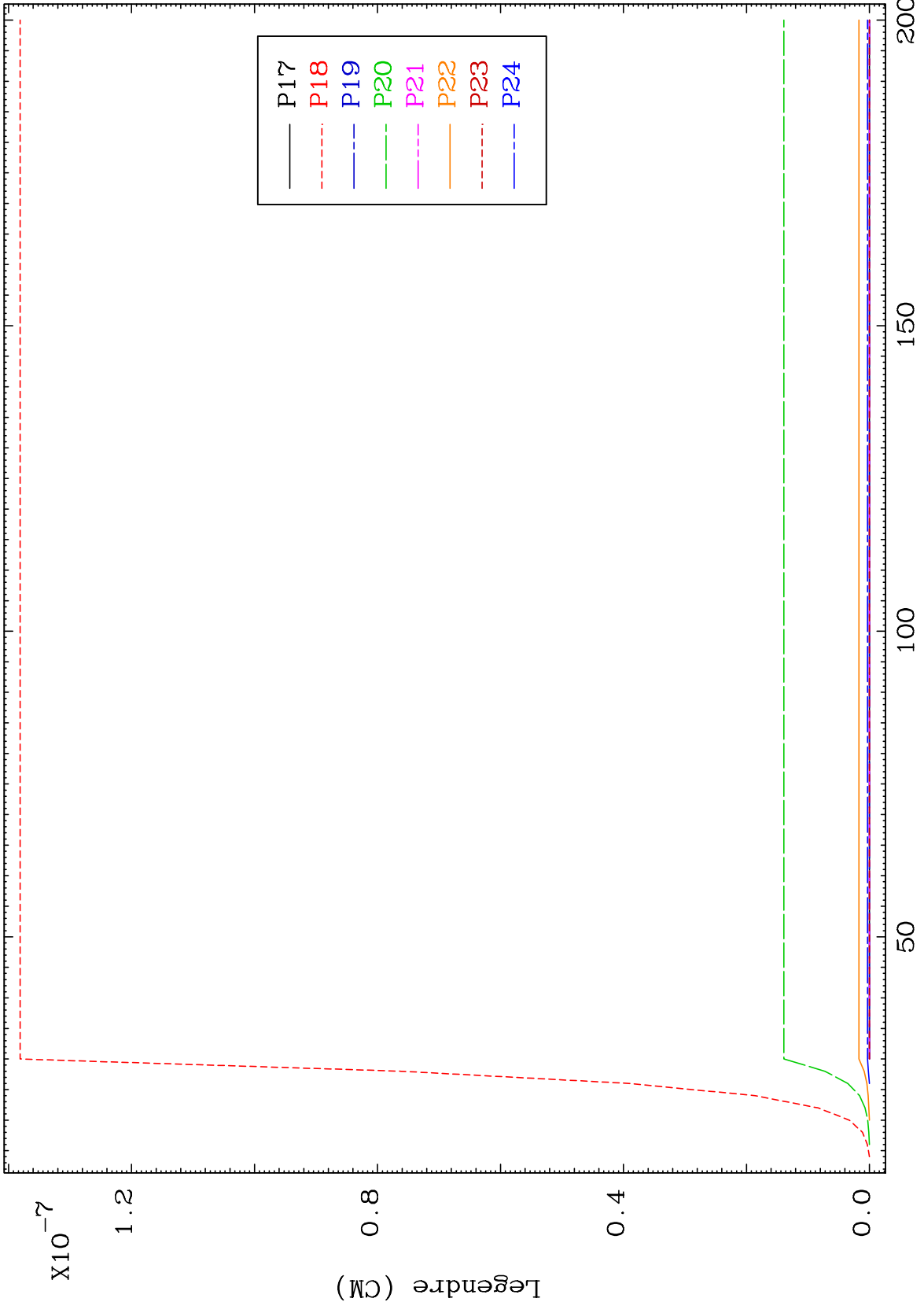


44

Incident Energy (MeV)

23-V -55

MAT 2340 MT= 59 (n,n') Level Legendre Coefficients 23-V -55

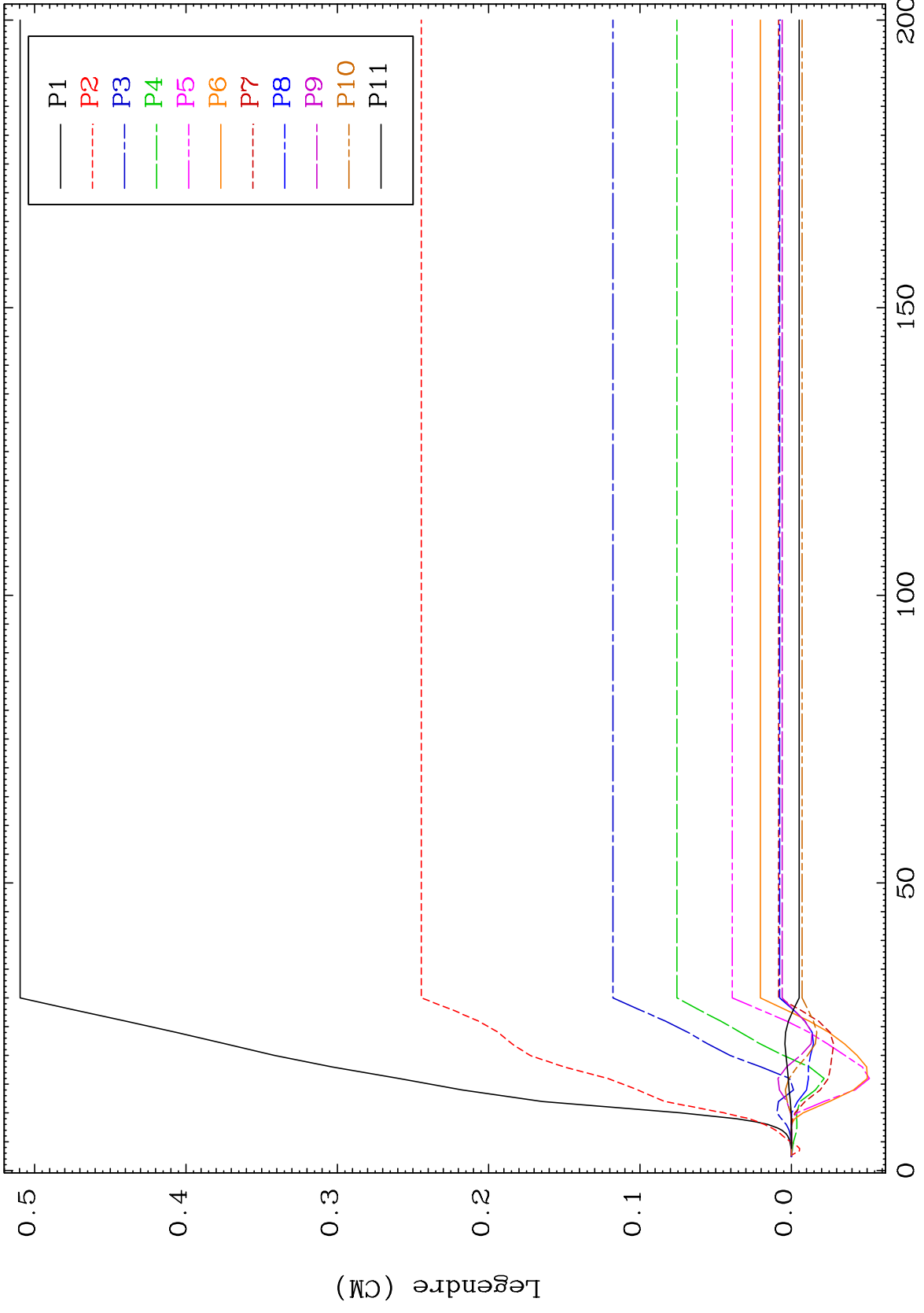


45 50 100 150 200 23-V -55

MAT 2340

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

23-V -55



46

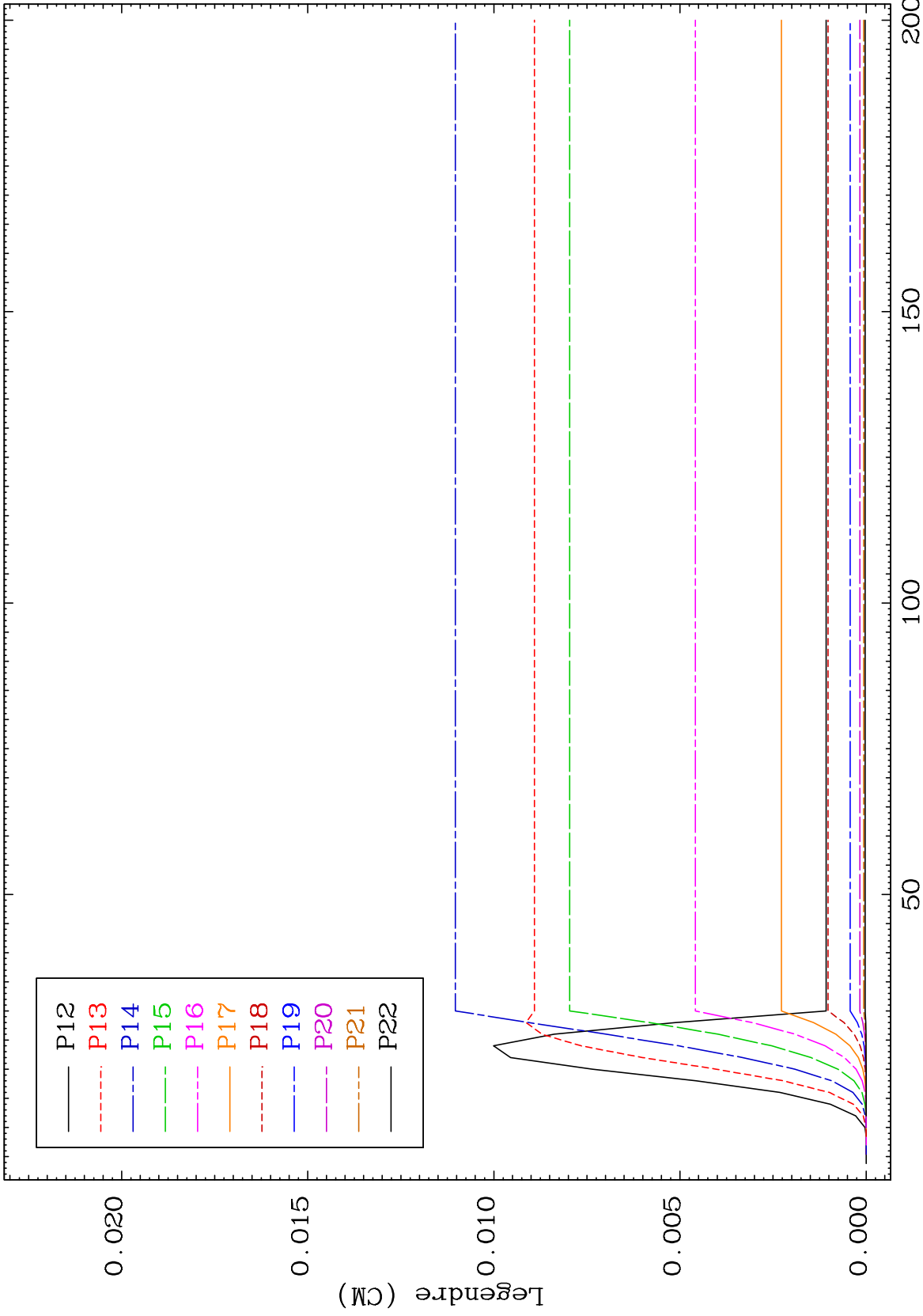
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



47

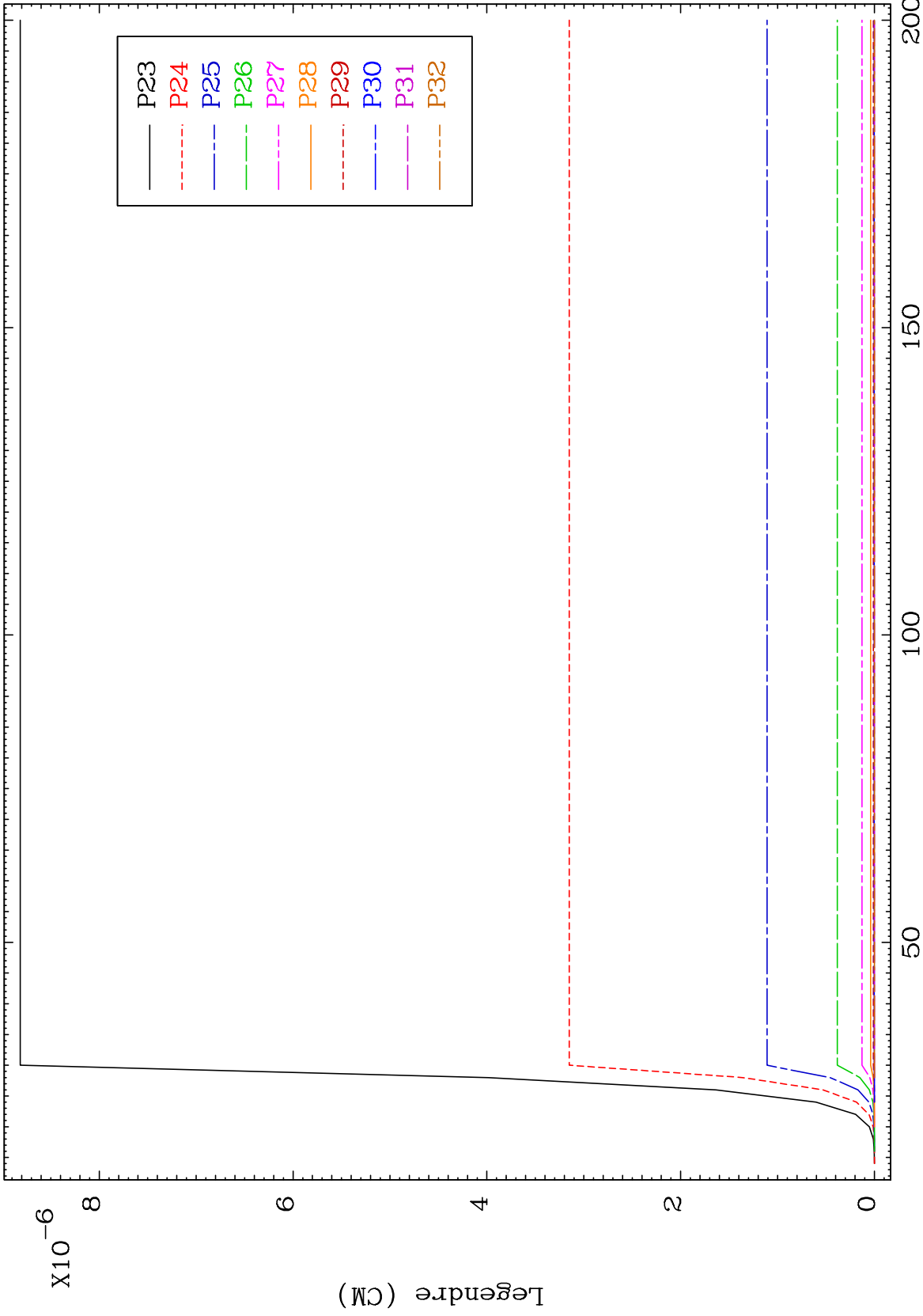
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



48

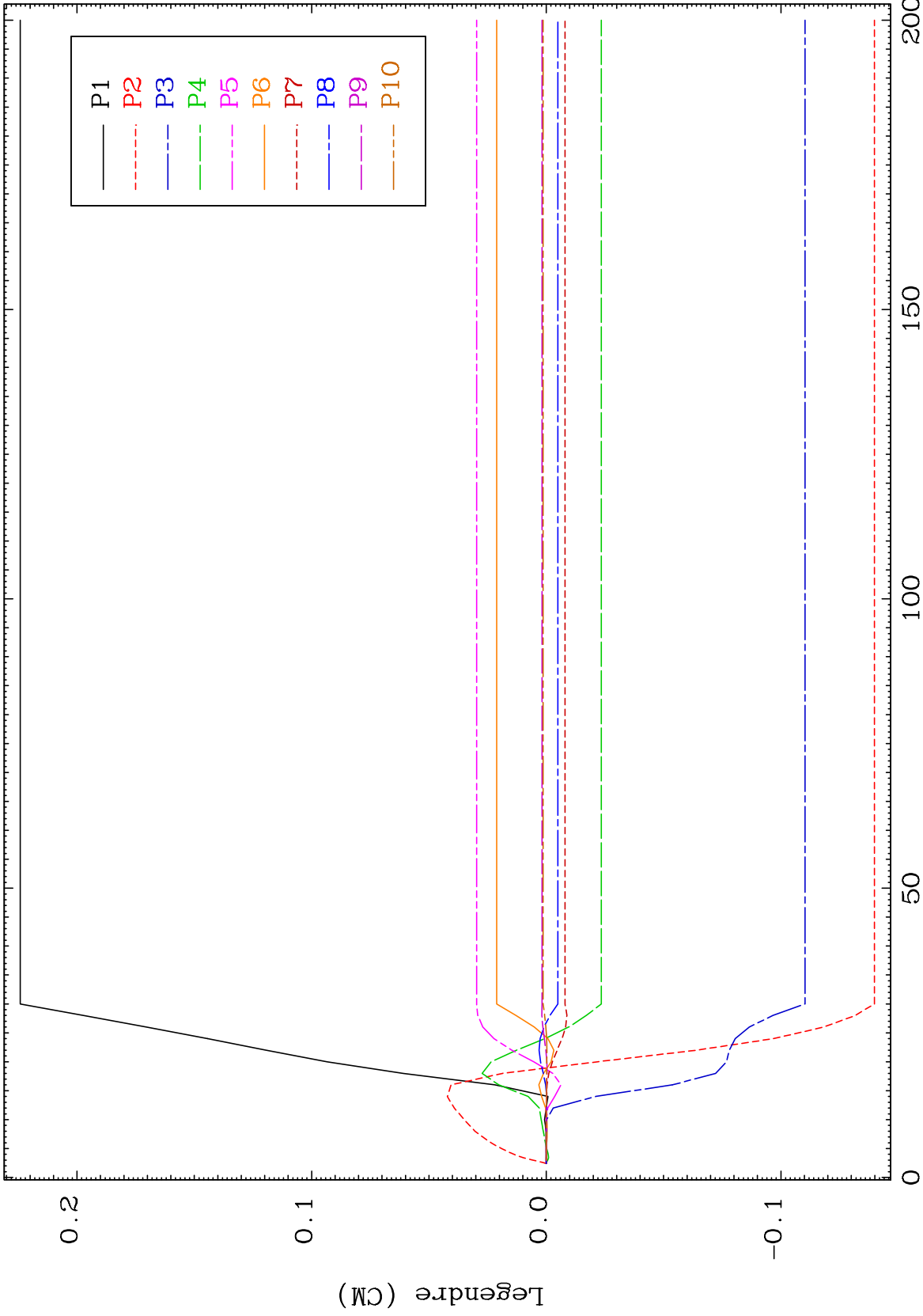
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55

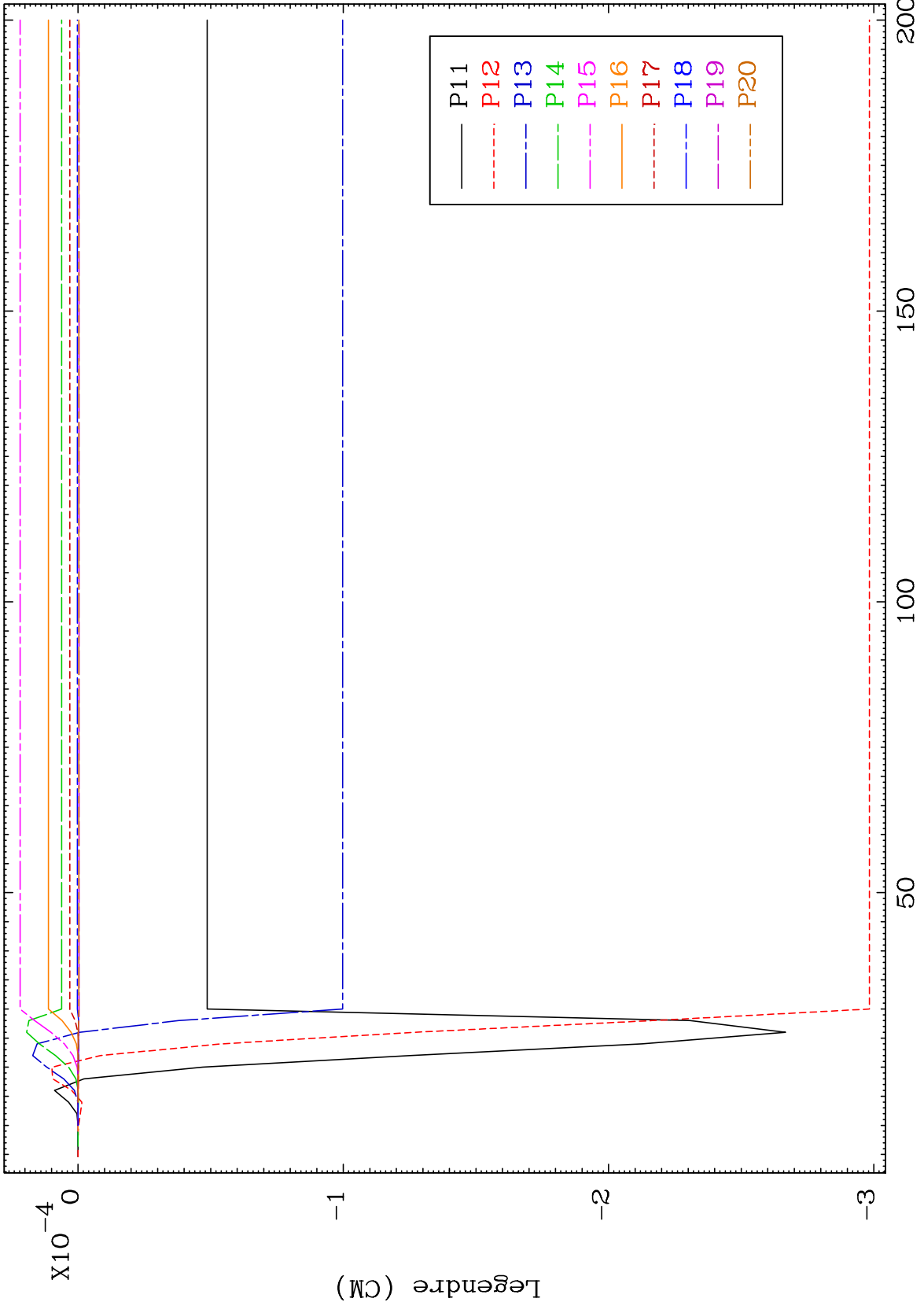


49

Incident Energy (MeV)

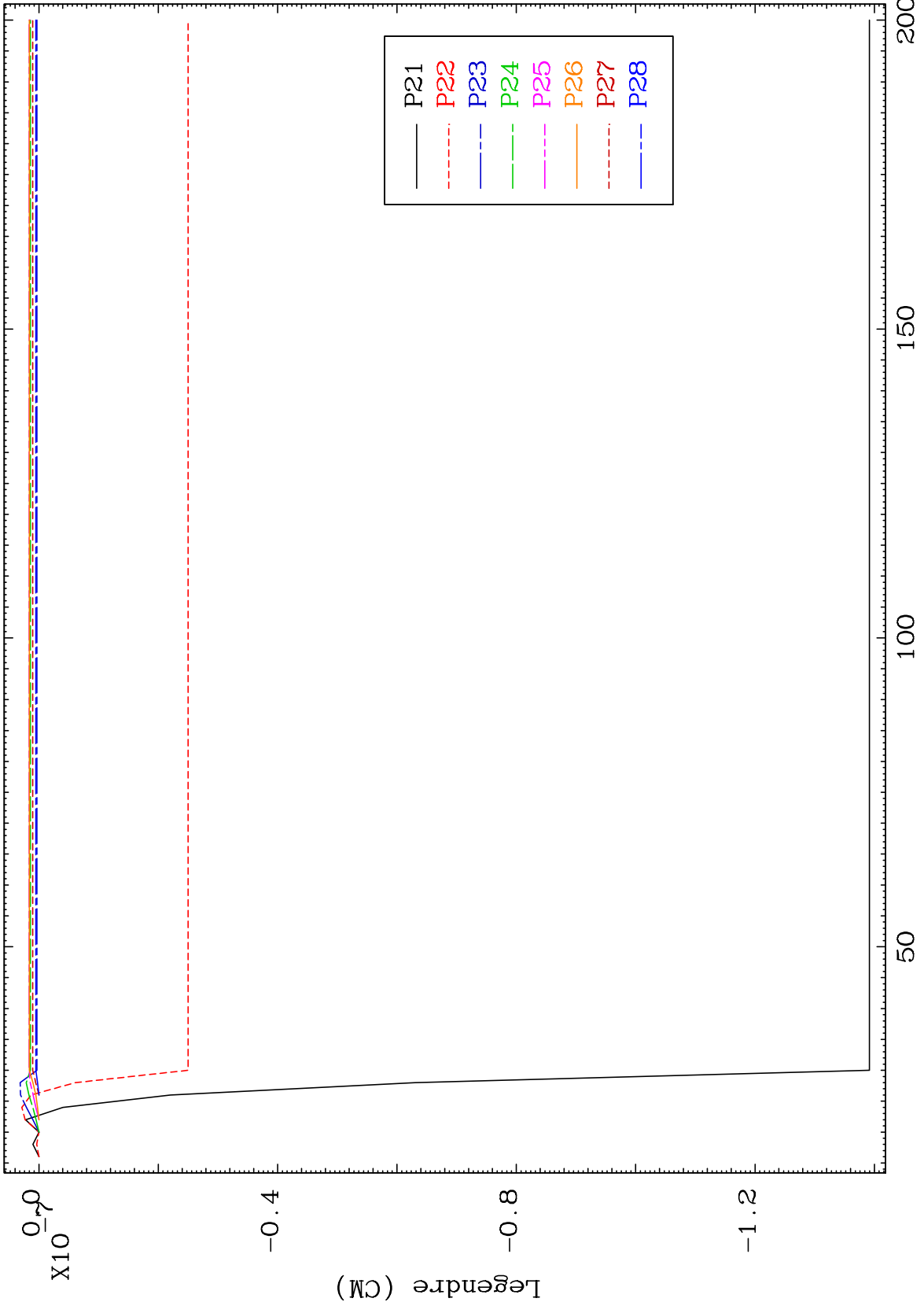
23-V -55

MAT 2340 MT= 61 (n,n') Level Legendre Coefficients 23-V -55



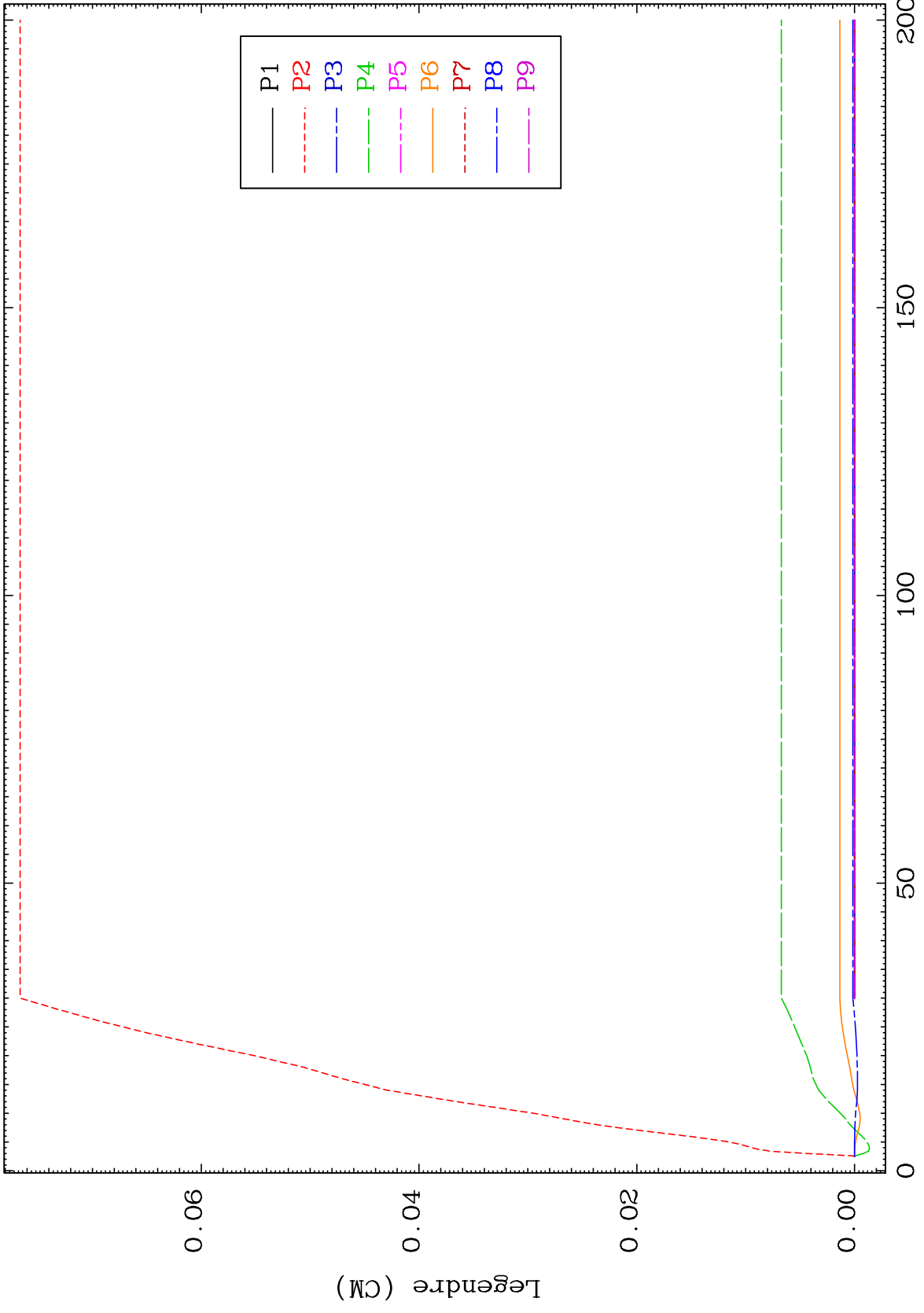
50 100 150 200 Incident Energy (MeV) 23-V -55

MAT 2340 MT= 61 (n,n') Level Legendre Coefficients 23-V -55



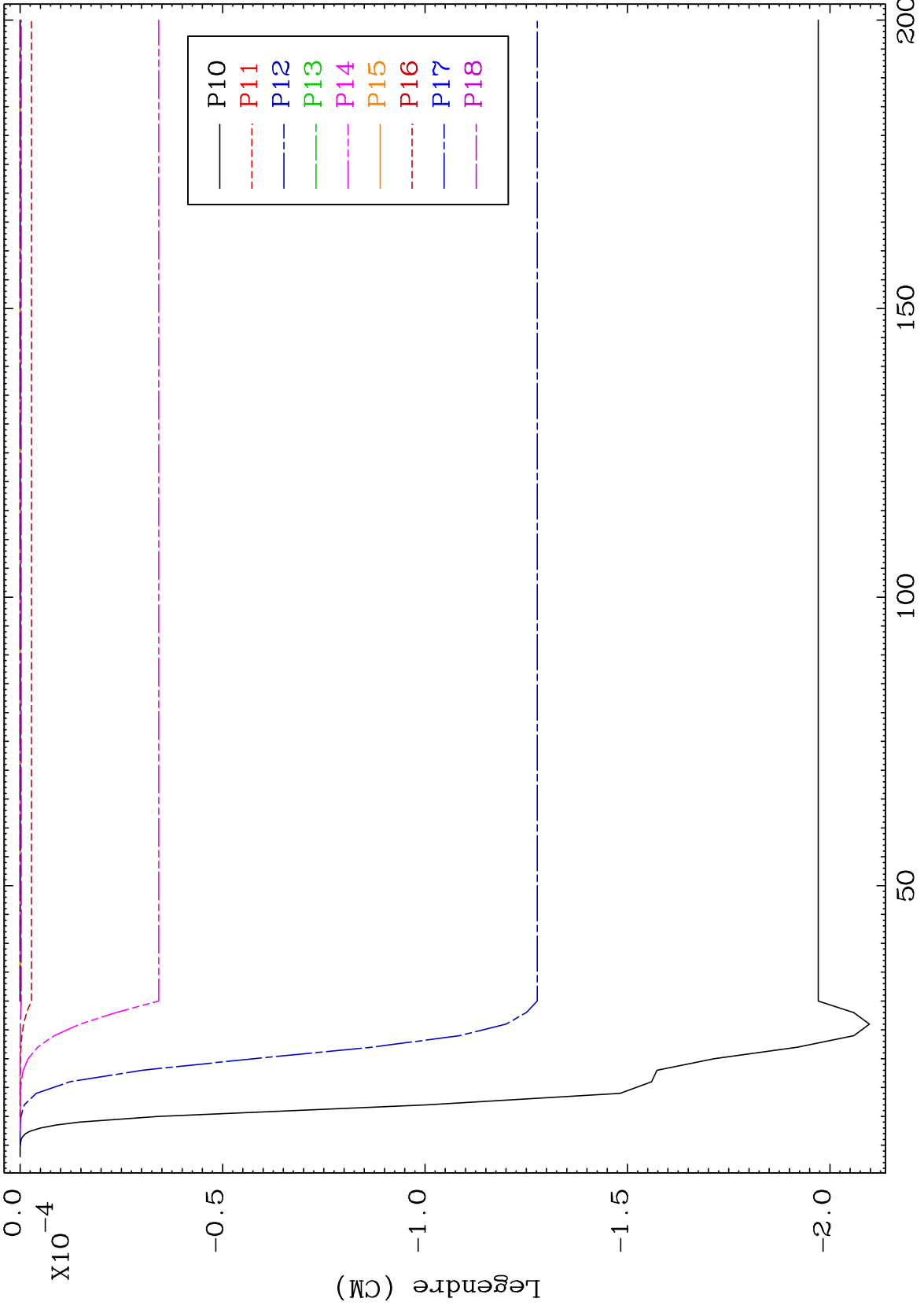
51 23-V -55

MAT 2340 MT= 62 (n,n') Level Legendre Coefficients 23-V -55



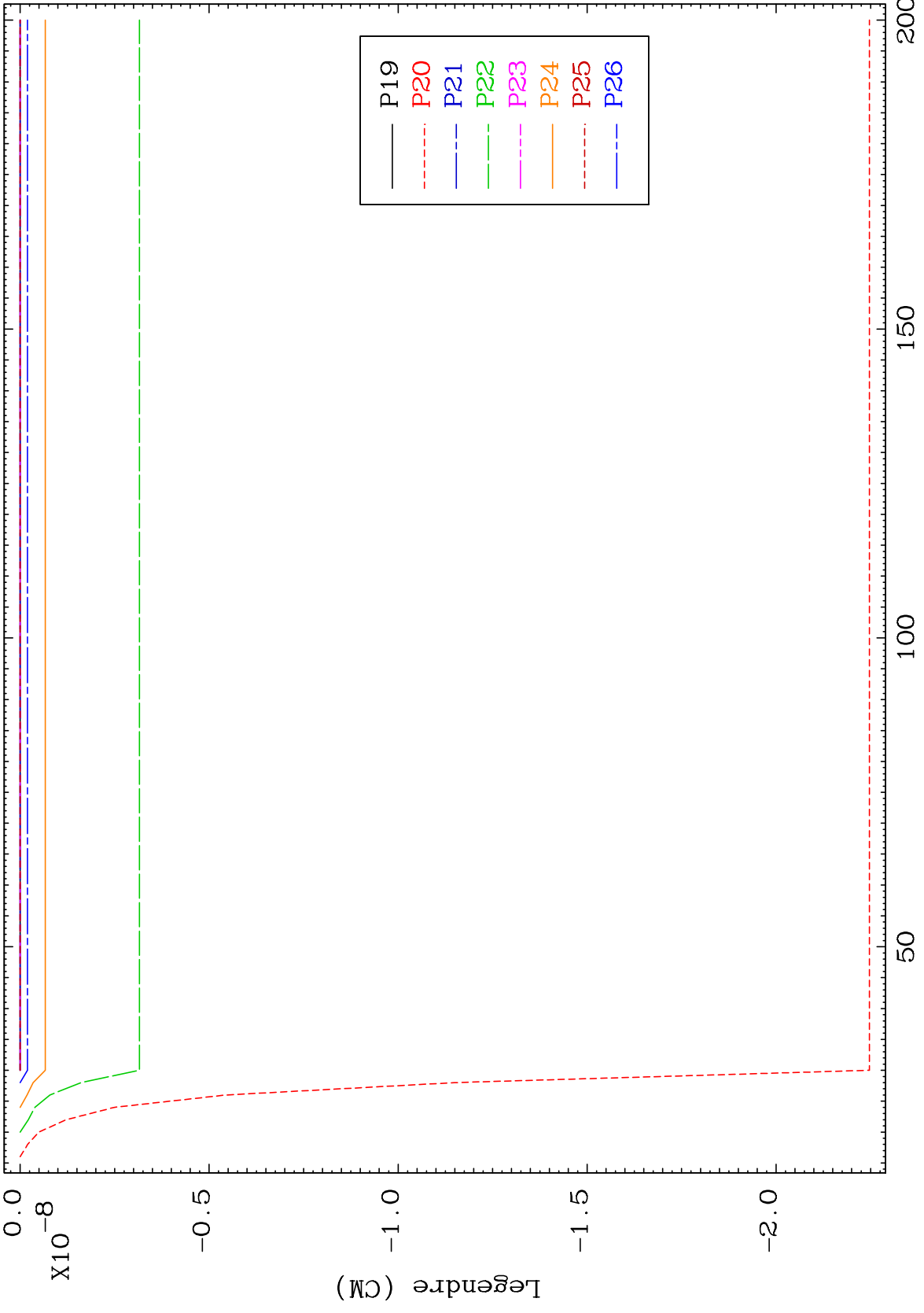
52 Incident Energy (MeV) 23-V -55

MAT 2340 MT= 62 (n,n') Level Legendre Coefficients 23-V -55



53 23-V -55

MAT 2340 MT= 62 (n,n') Level Legendre Coefficients 23-V -55

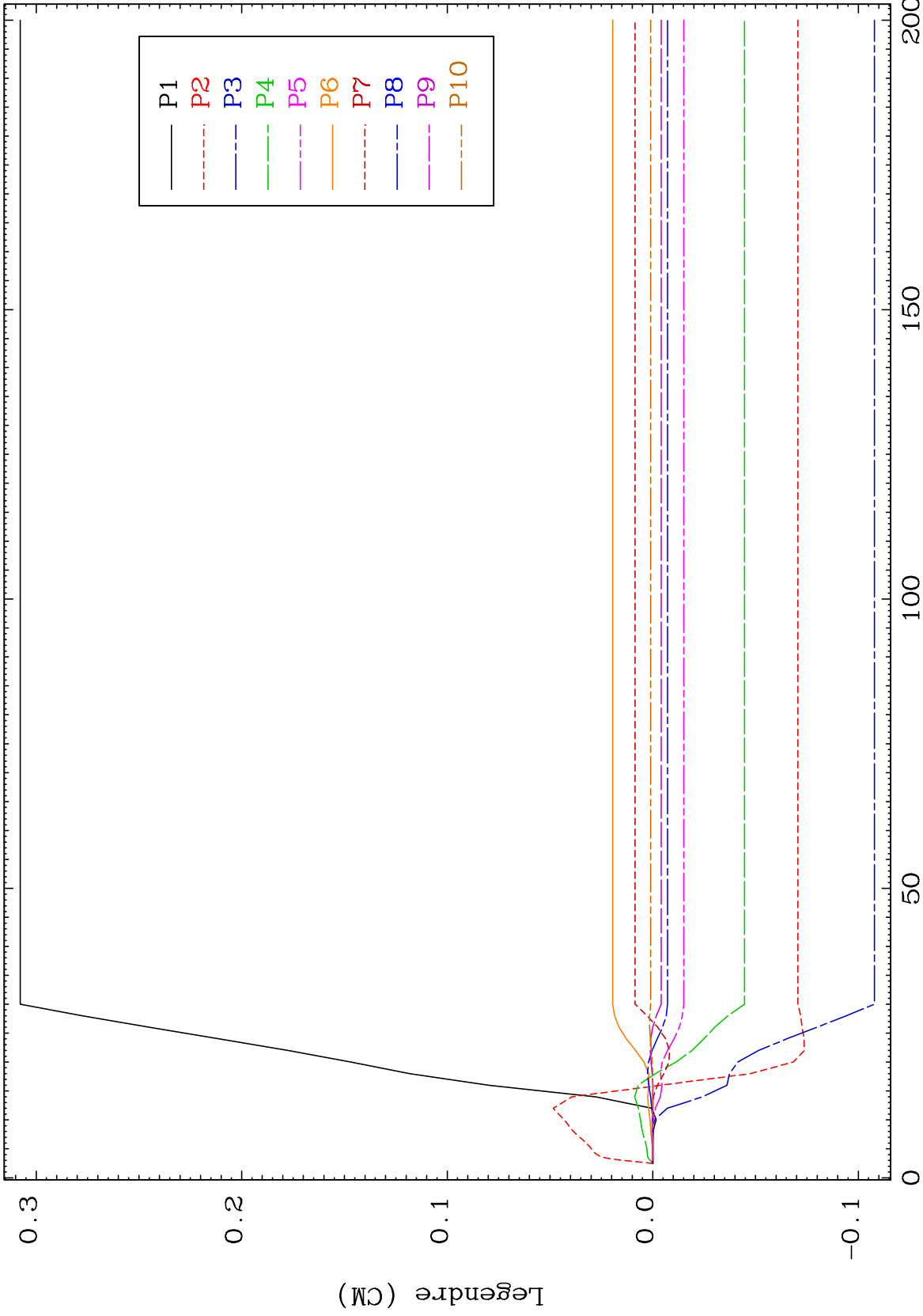


54 Incident Energy (MeV) 23-V -55

MAT 2340

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

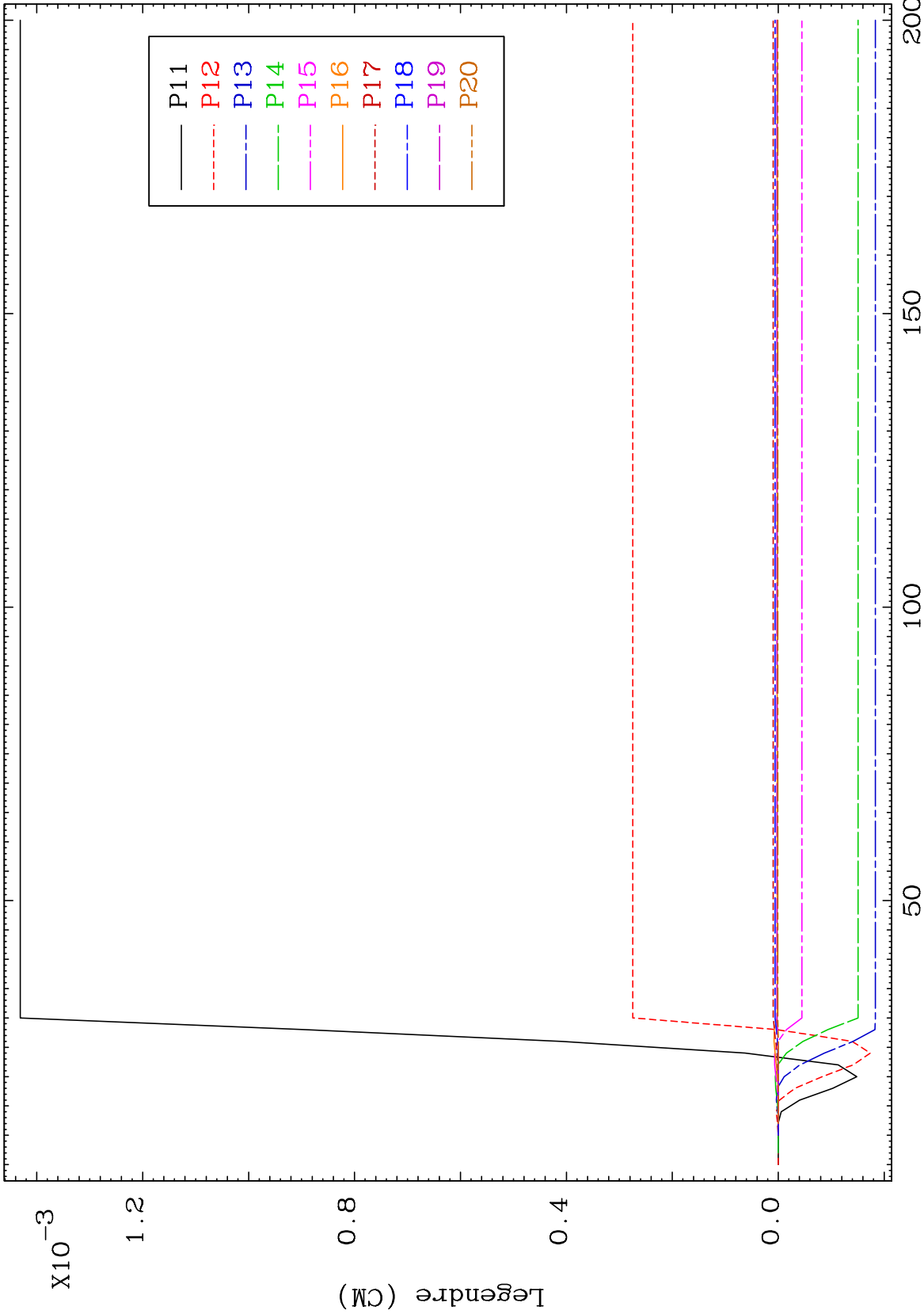
23-V -55



55

Incident Energy (MeV)

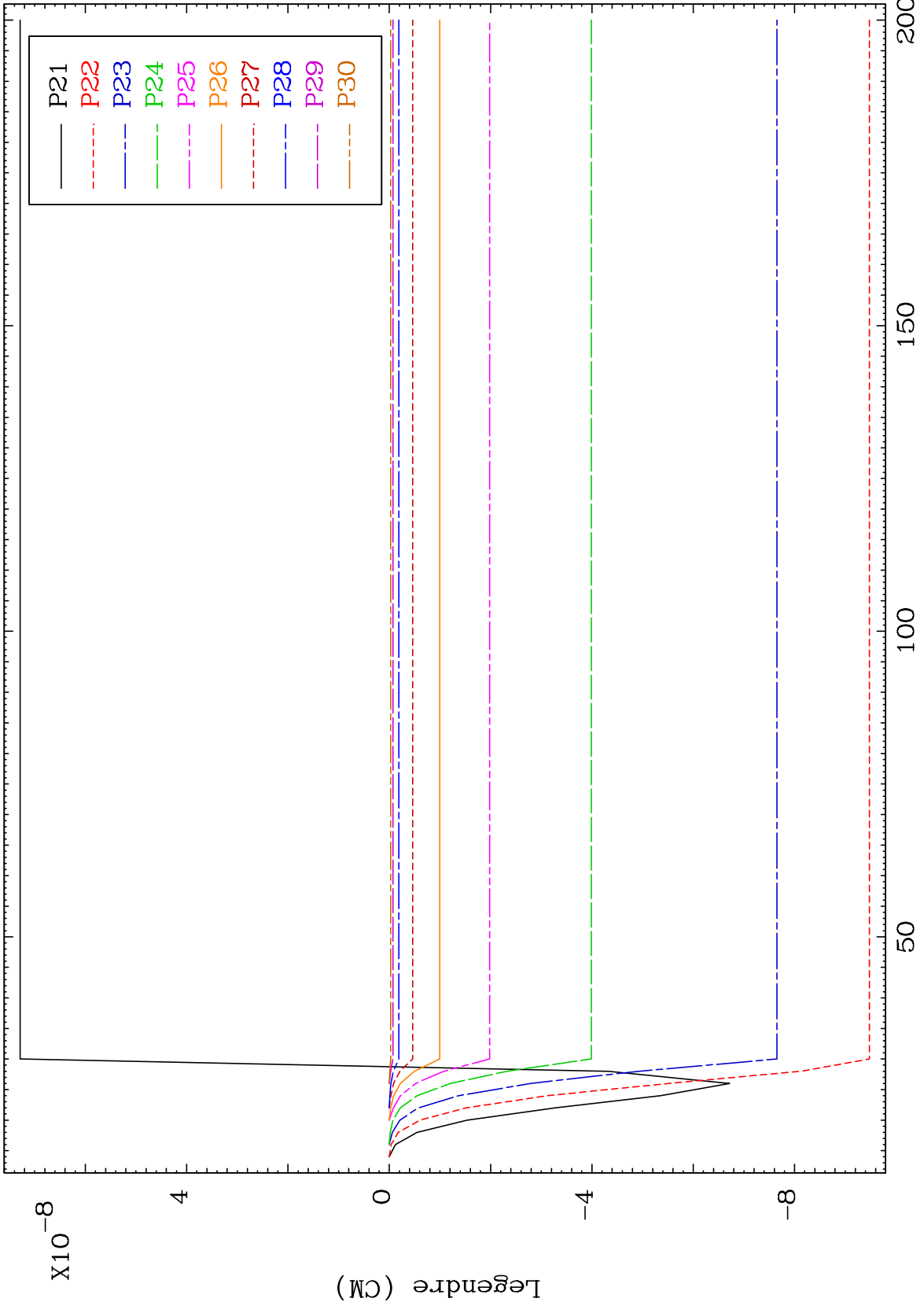
23-V -55



MAT 2340

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

23-V -55

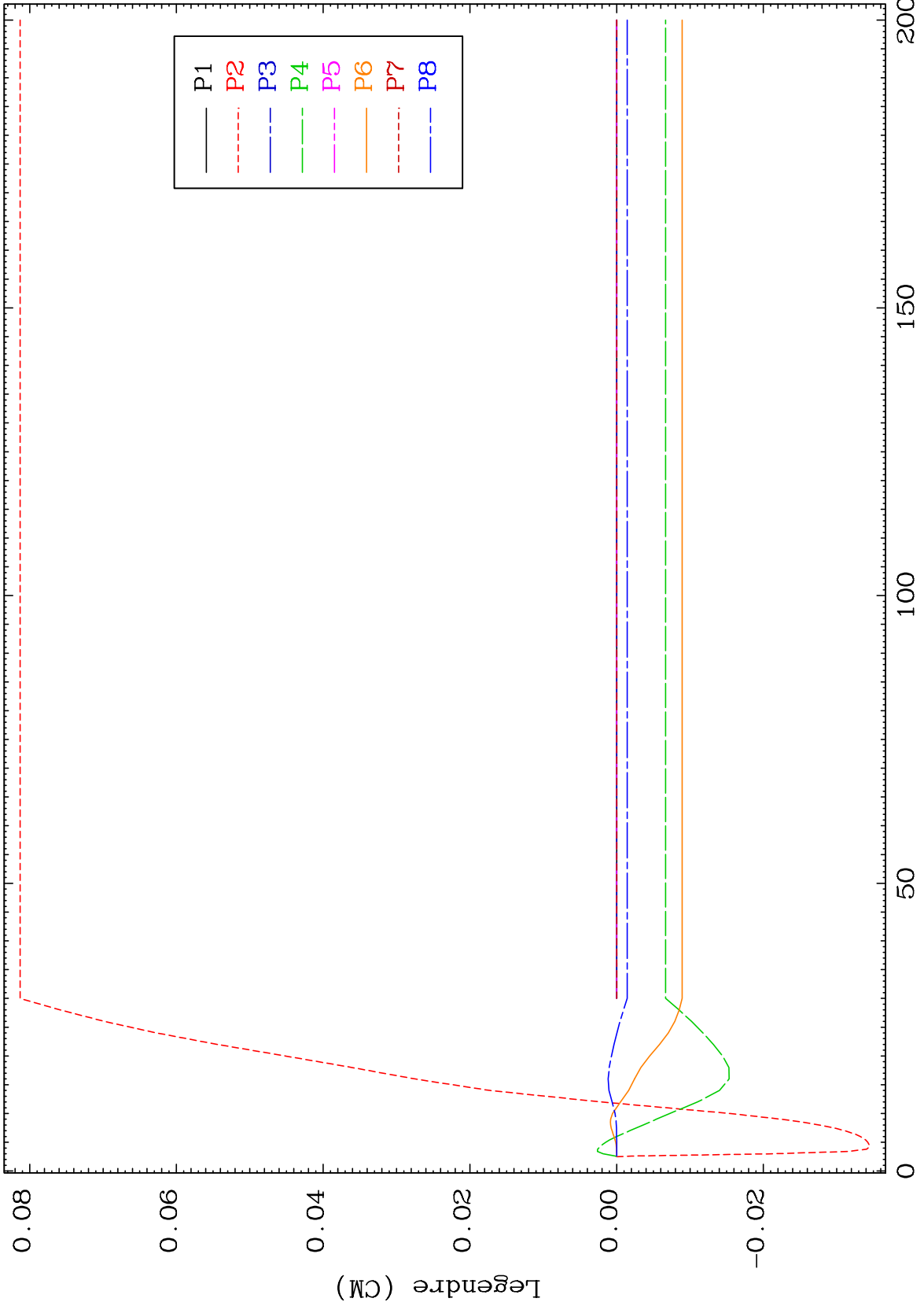


57

Incident Energy (MeV)

23-V -55

MAT 2340 MT= 64 (n,n') Level Legendre Coefficients 23-V -55

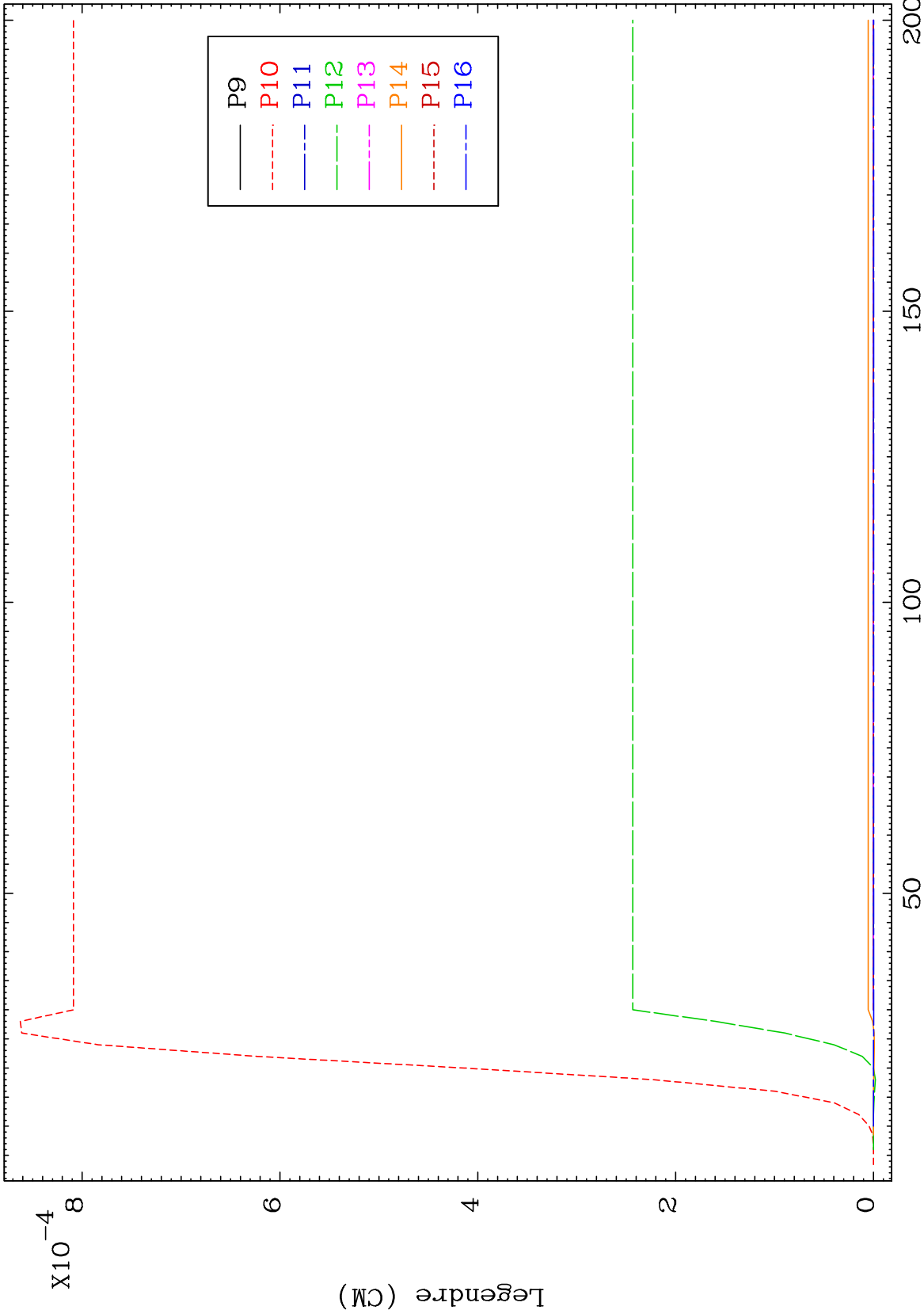


58 23-V -55

MAT 2340

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

23-V -55

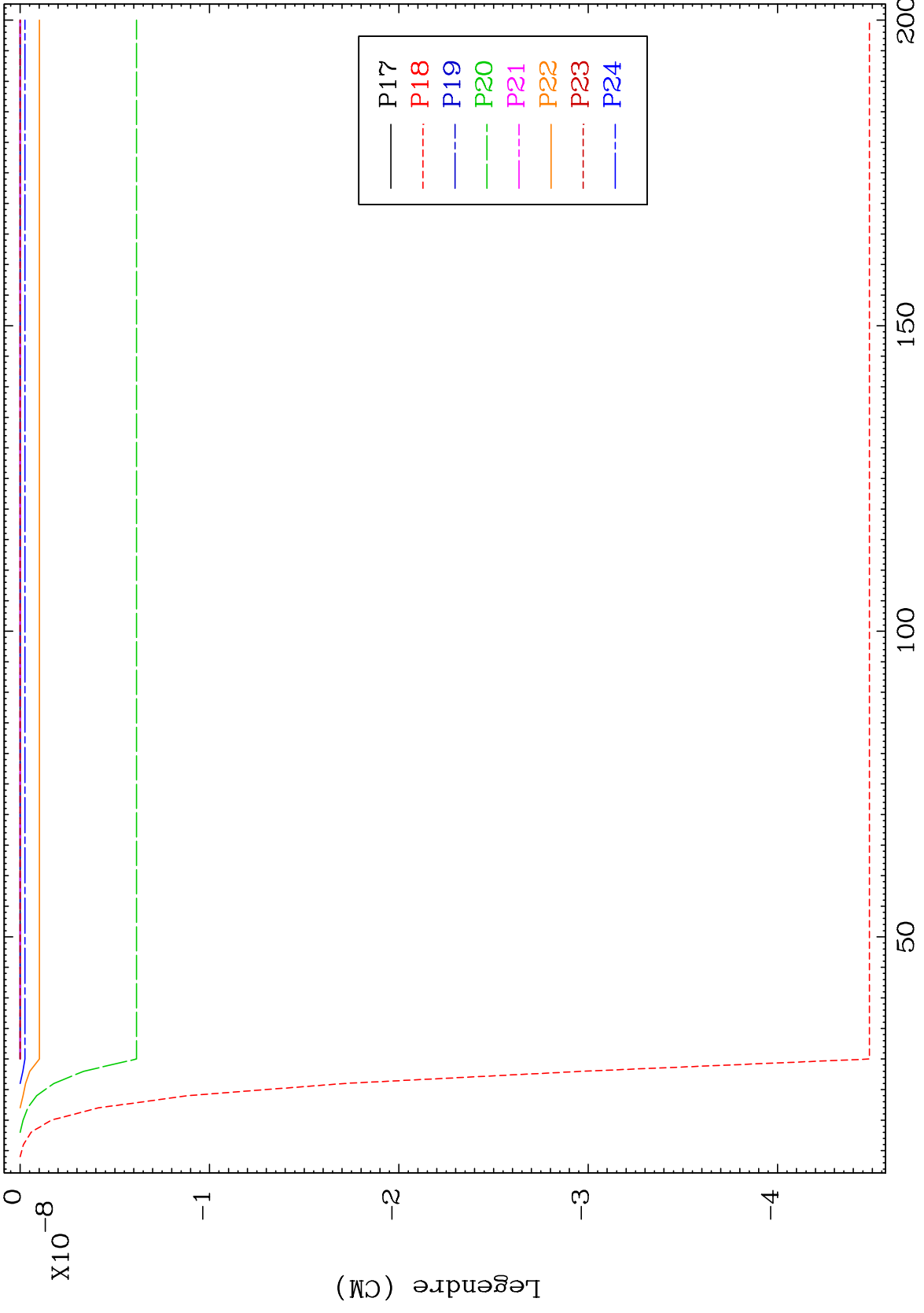


59

Incident Energy (MeV)

23-V -55

MAT 2340 MT= 64 (n,n') Level Legendre Coefficients 23-V -55

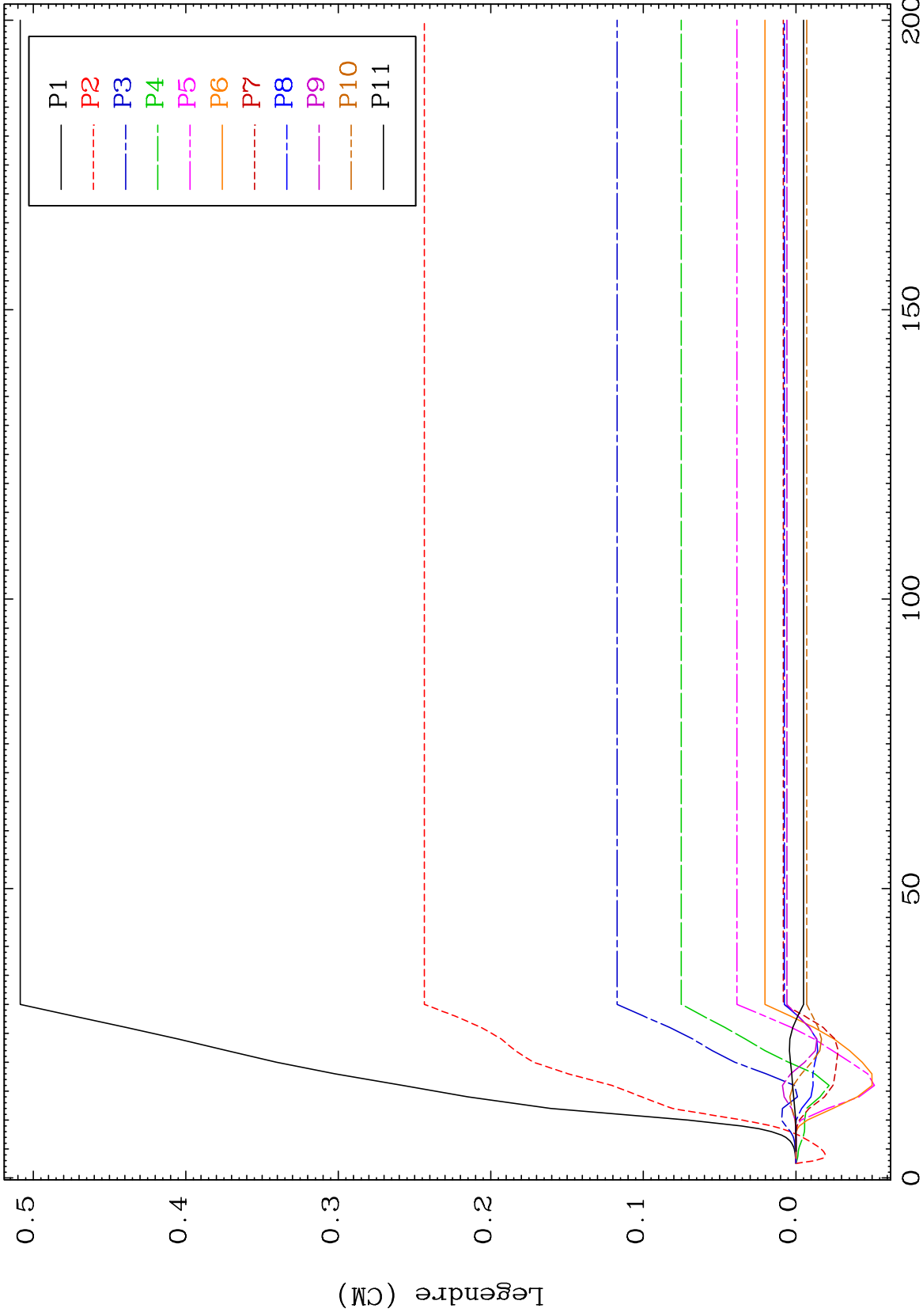


60 Incident Energy (MeV) 23-V -55

MAT 2340

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

23-V -55



61

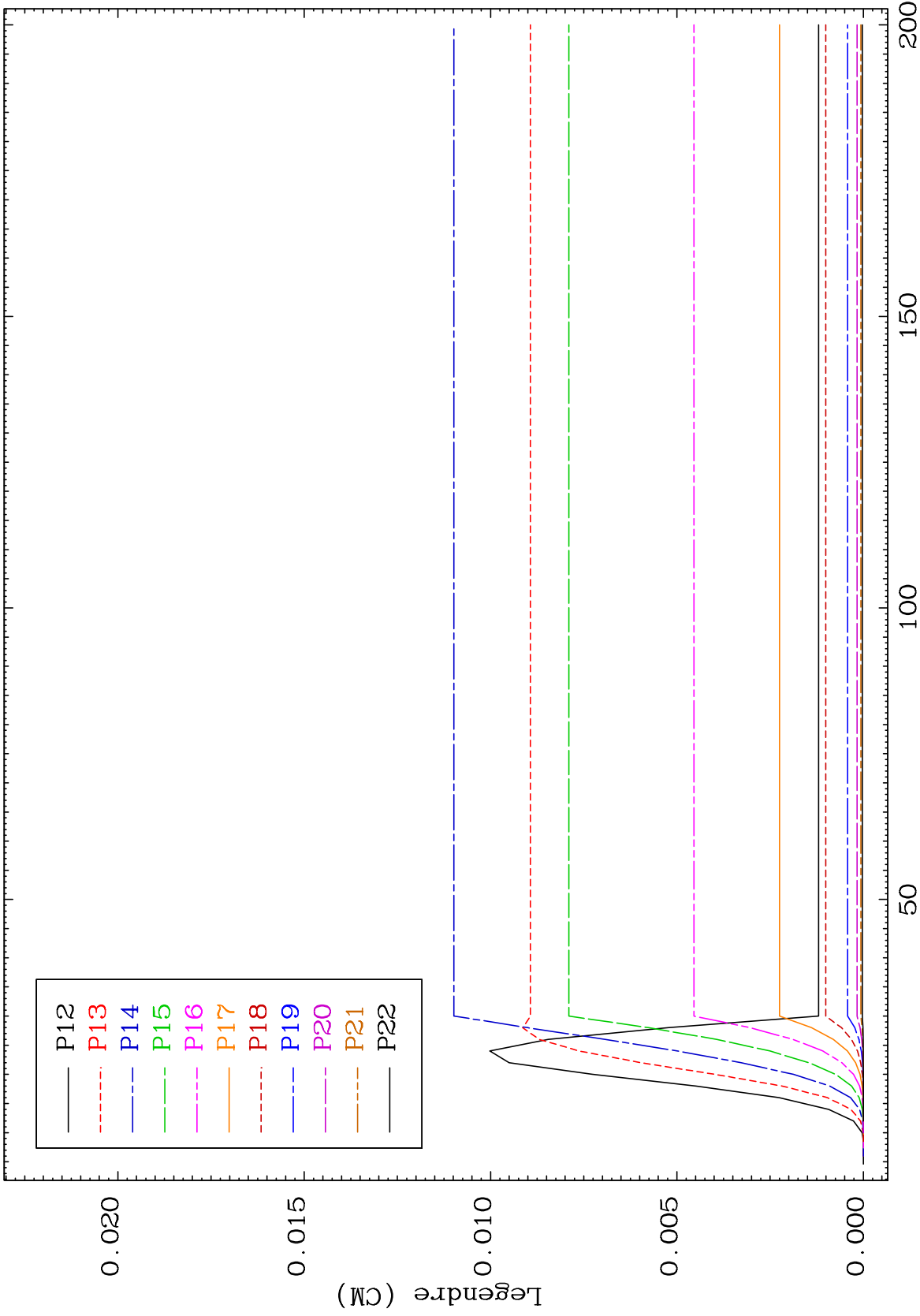
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



62

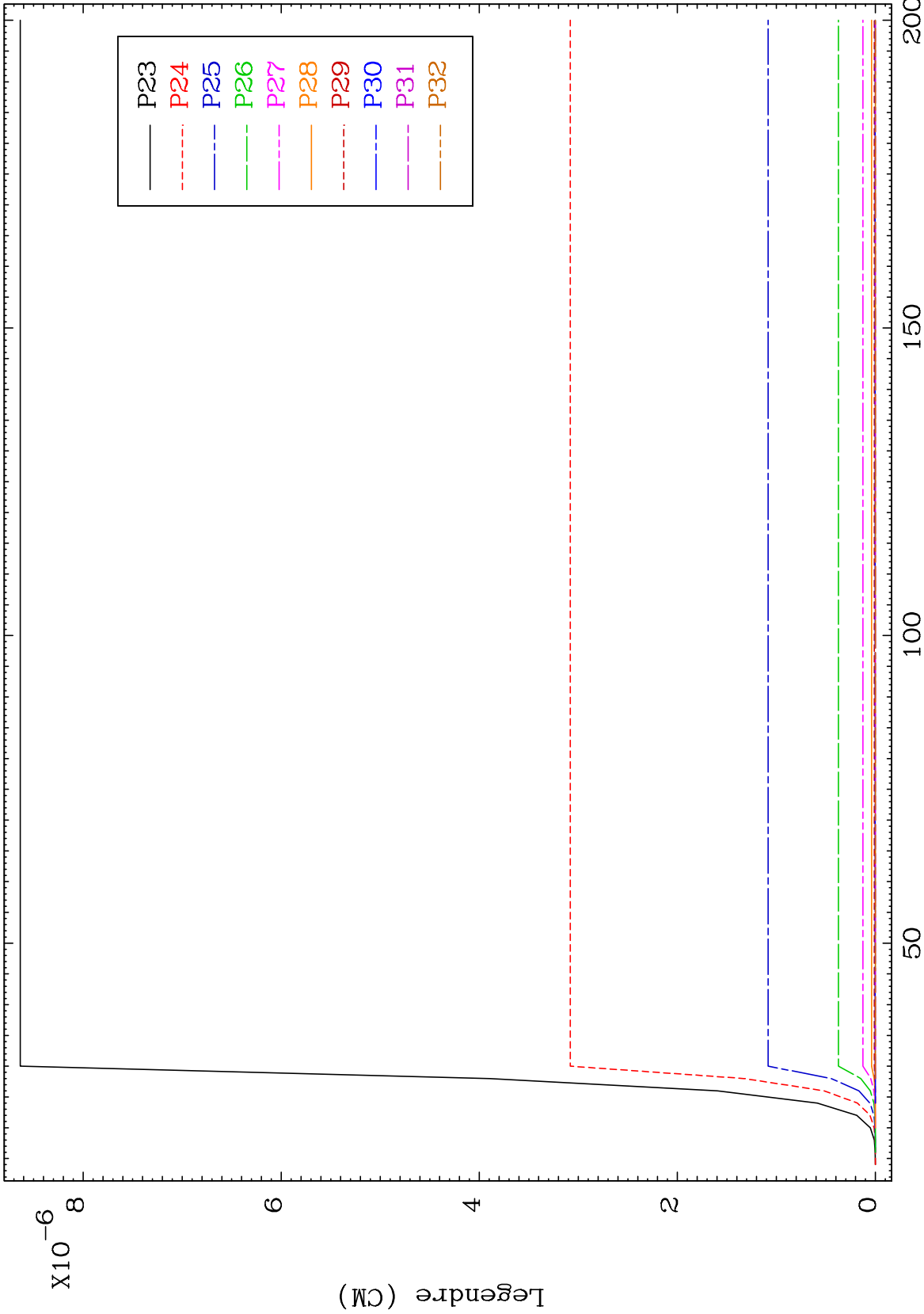
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



63

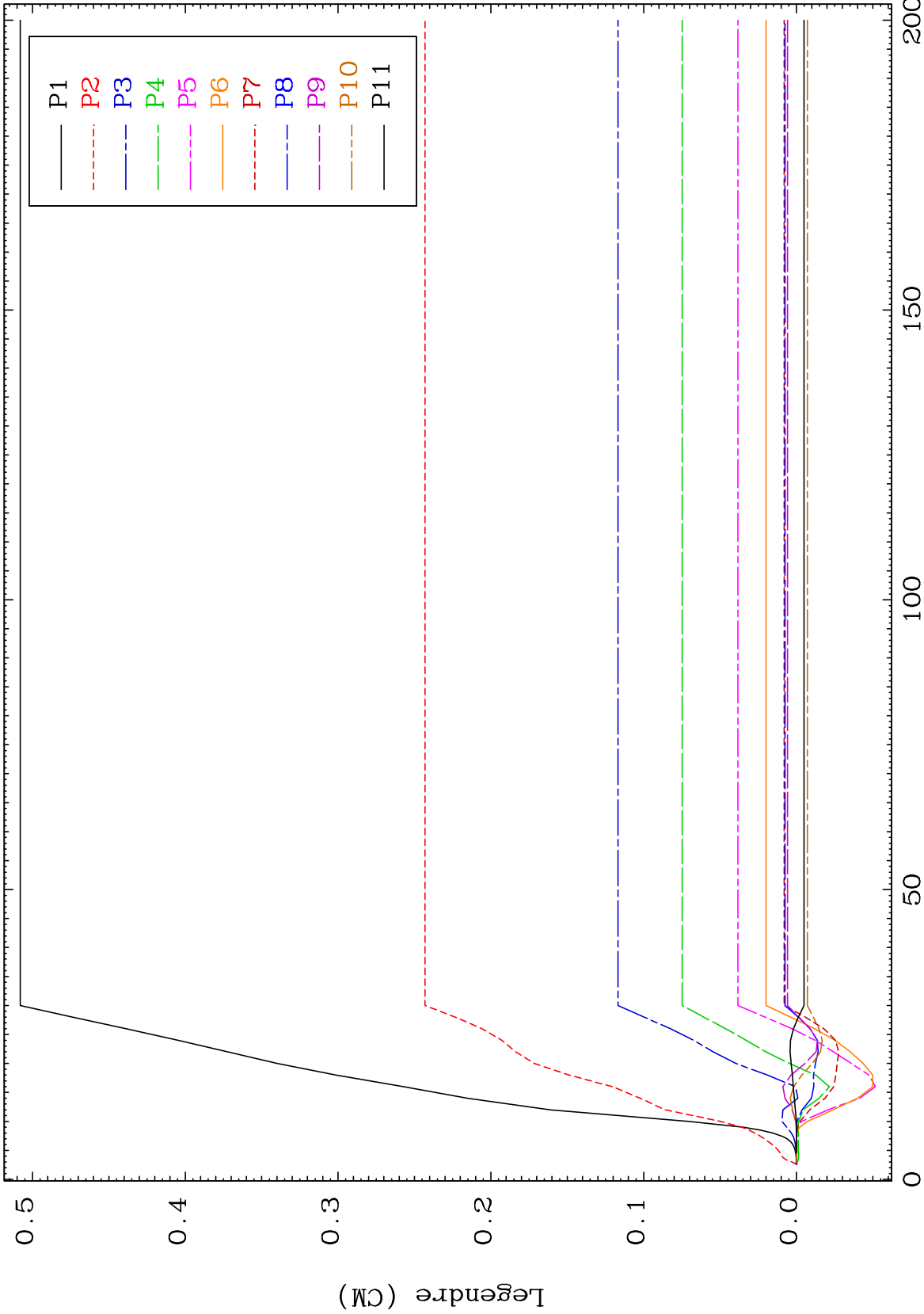
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



64

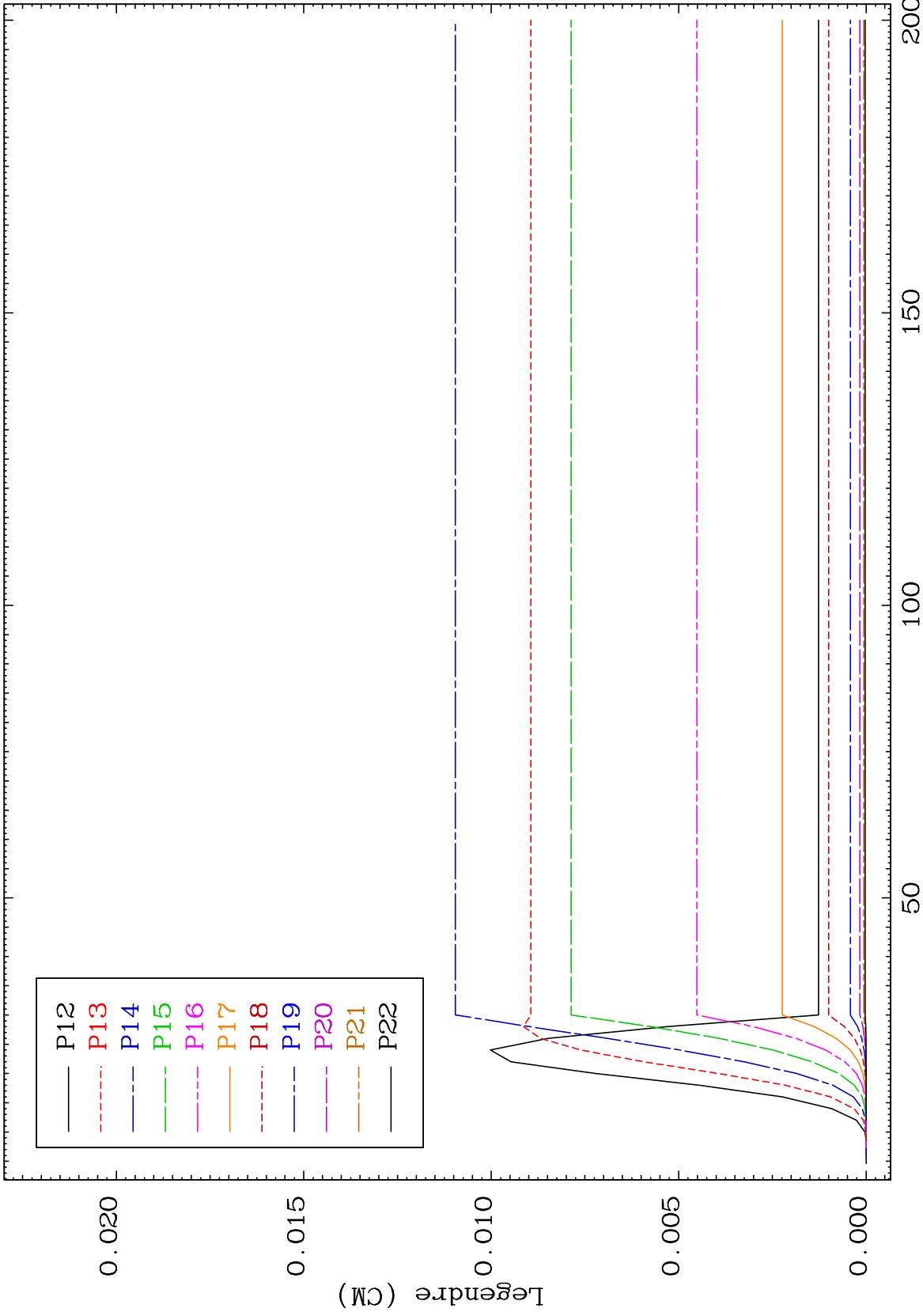
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



65

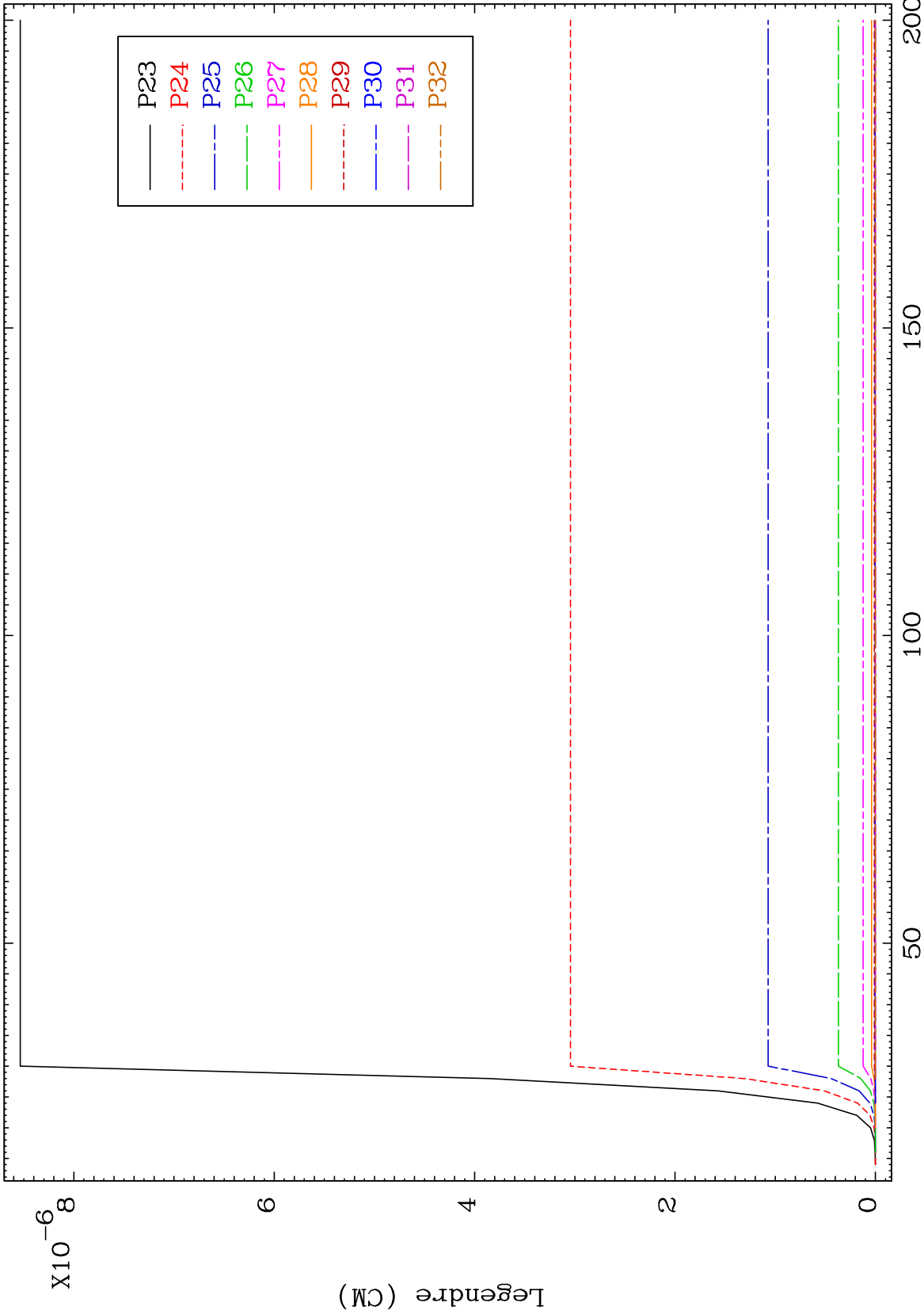
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



66

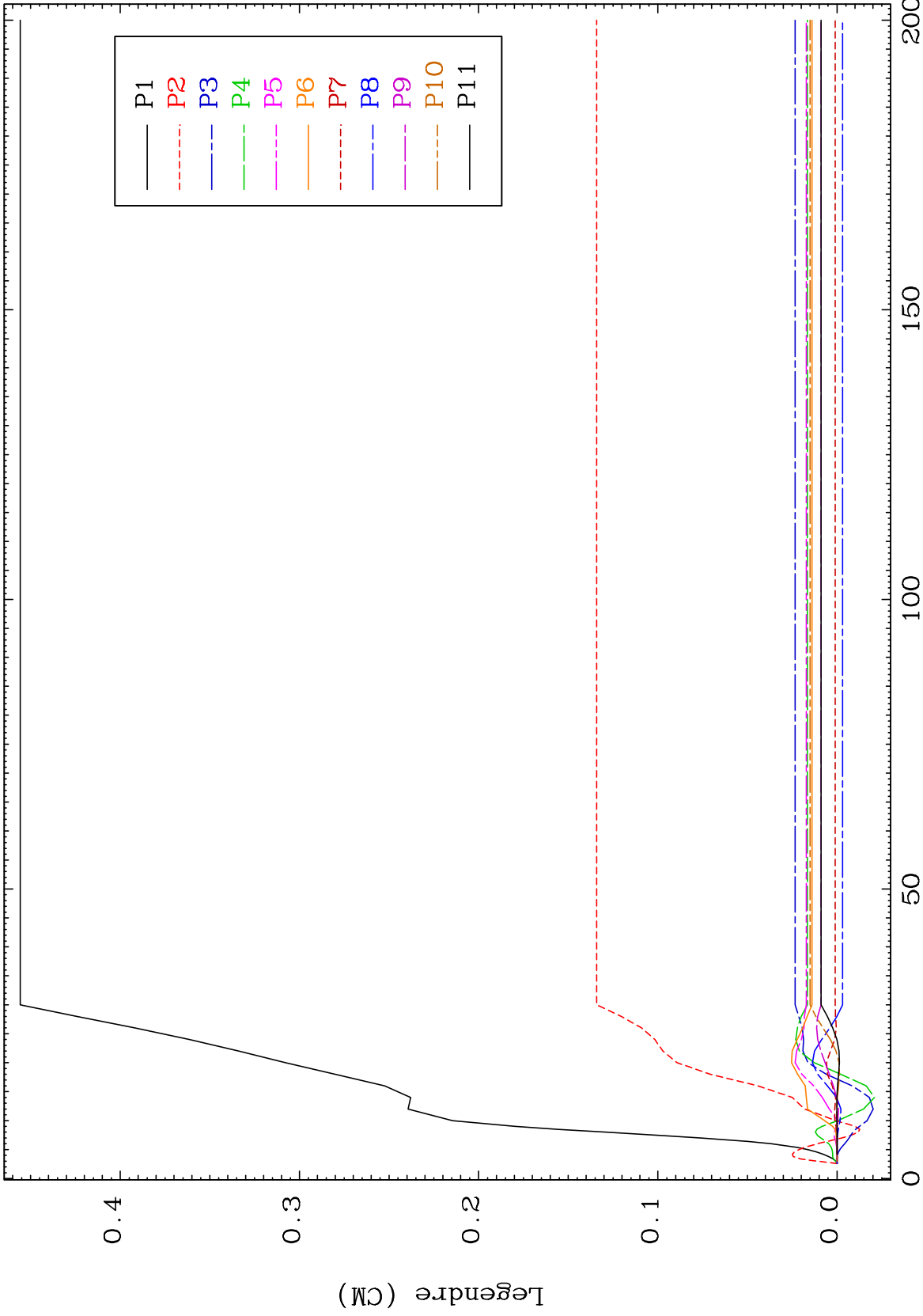
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



67

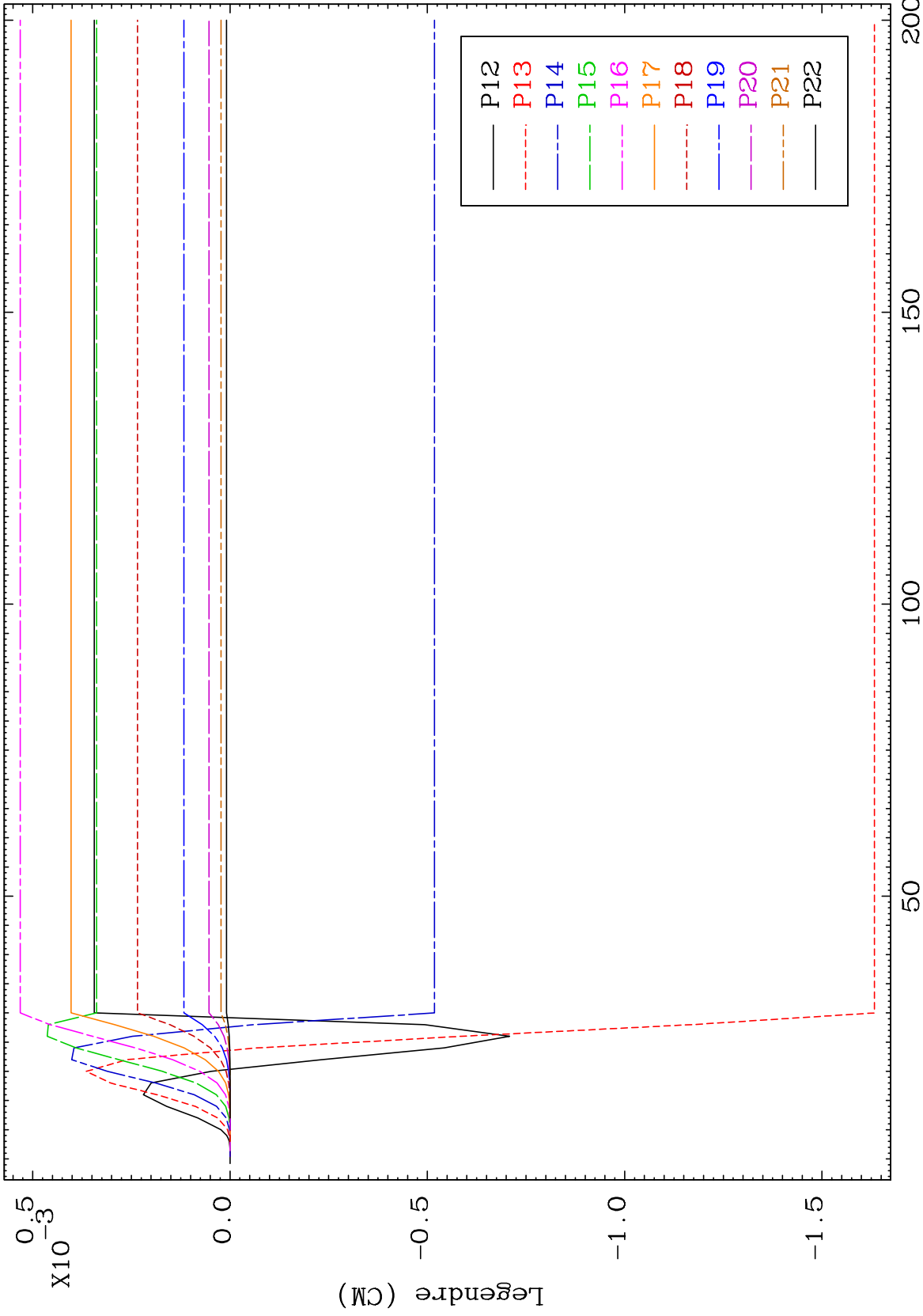
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



68

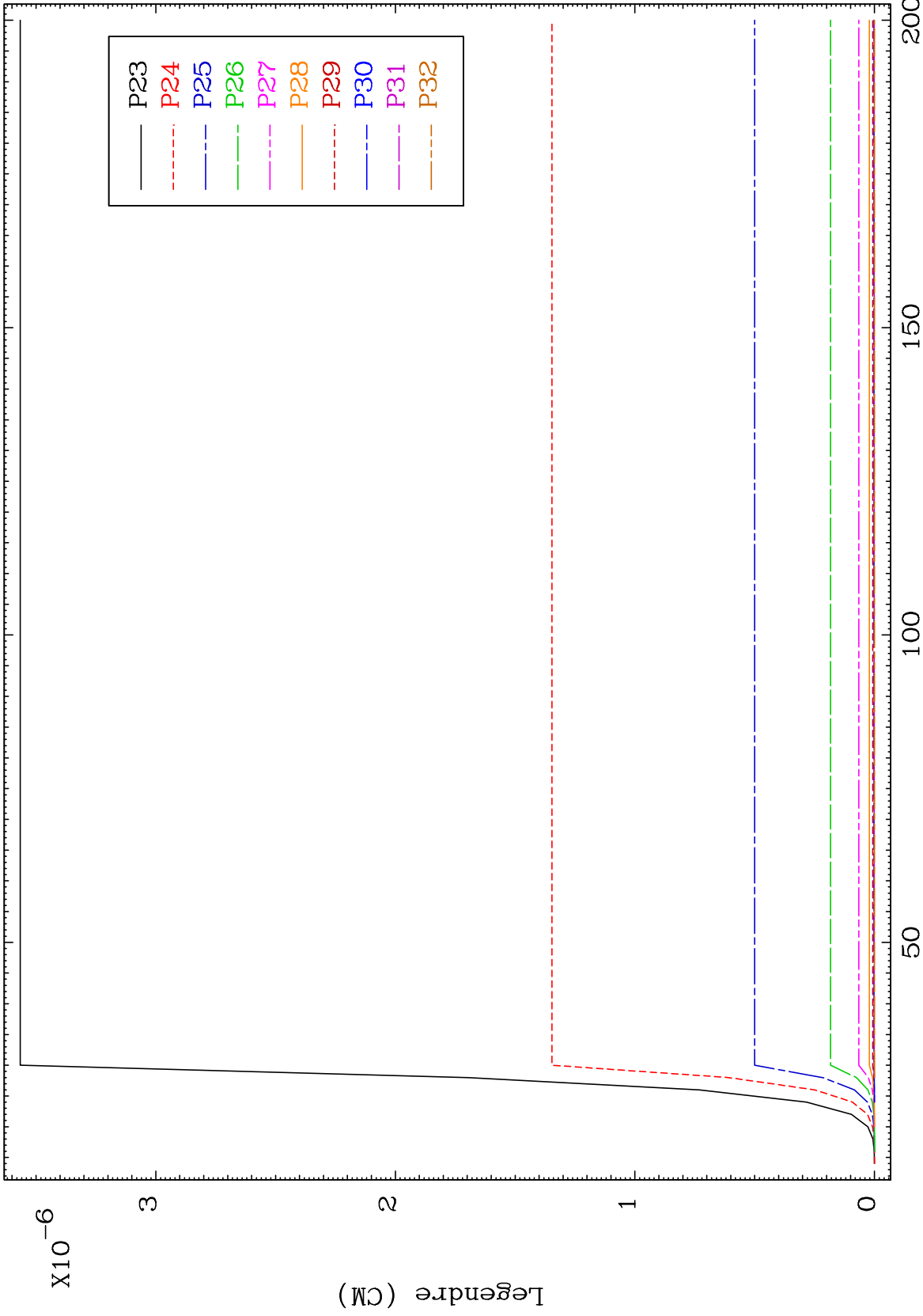
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



69

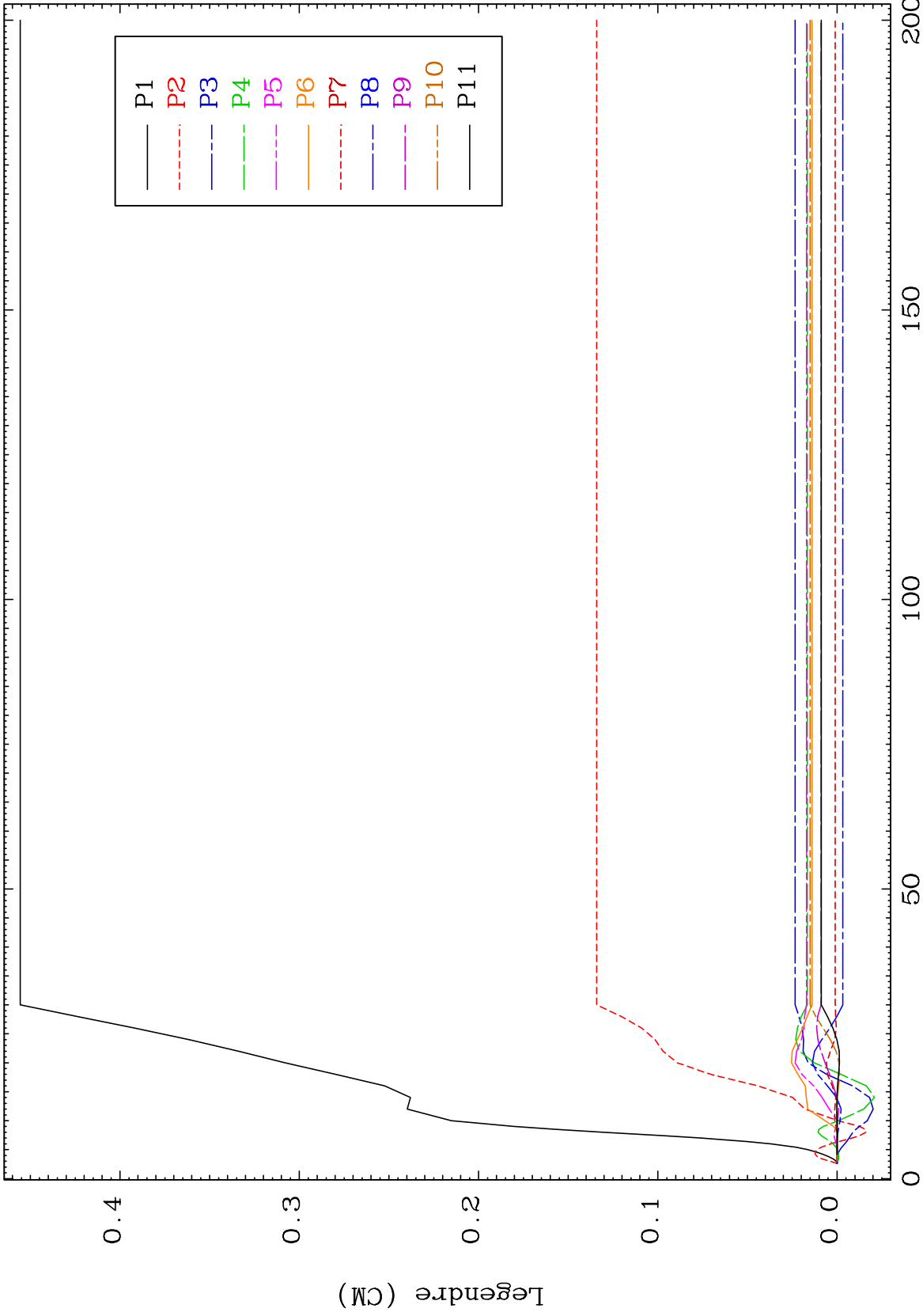
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55

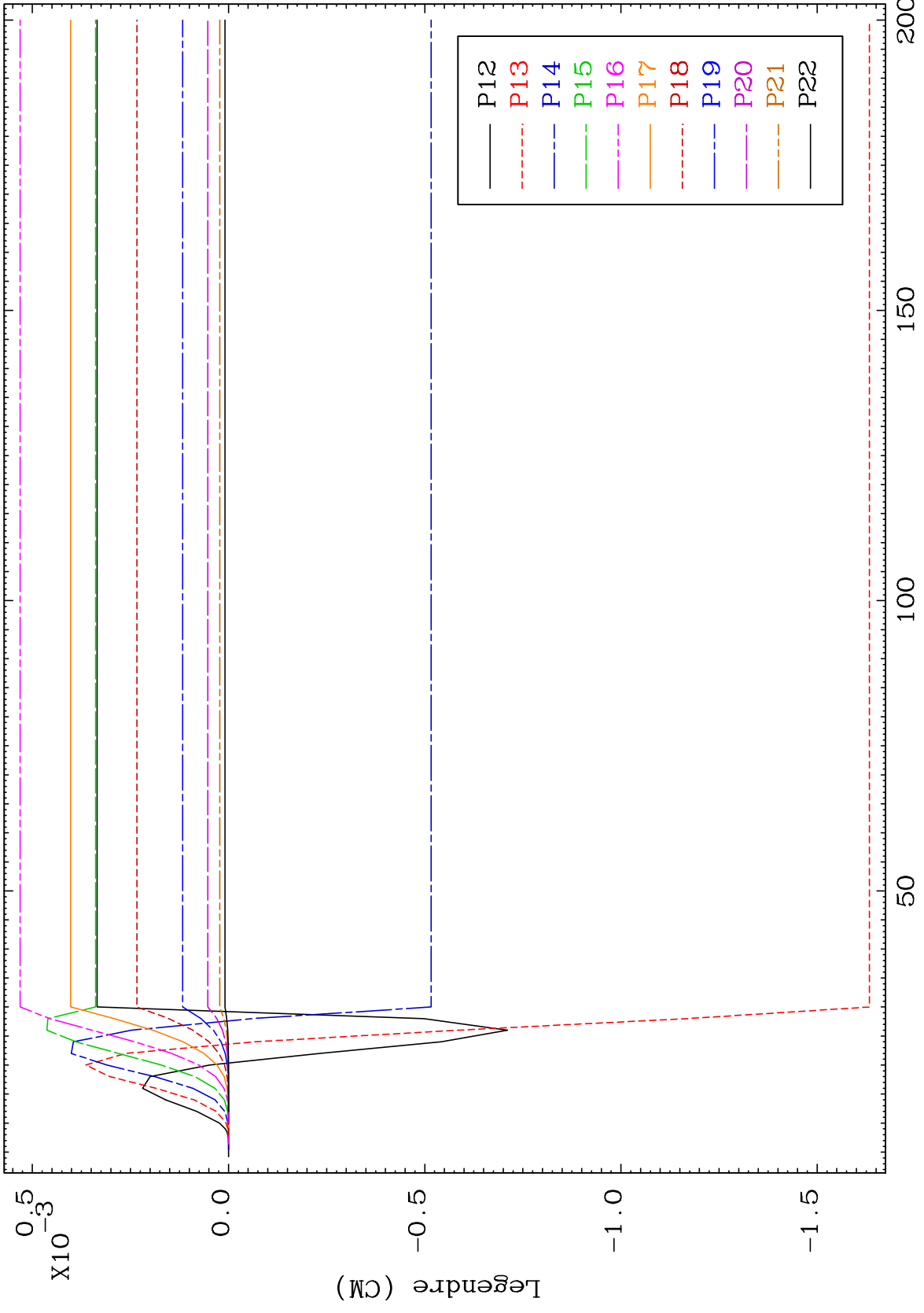


70

Incident Energy (MeV)

23-V -55

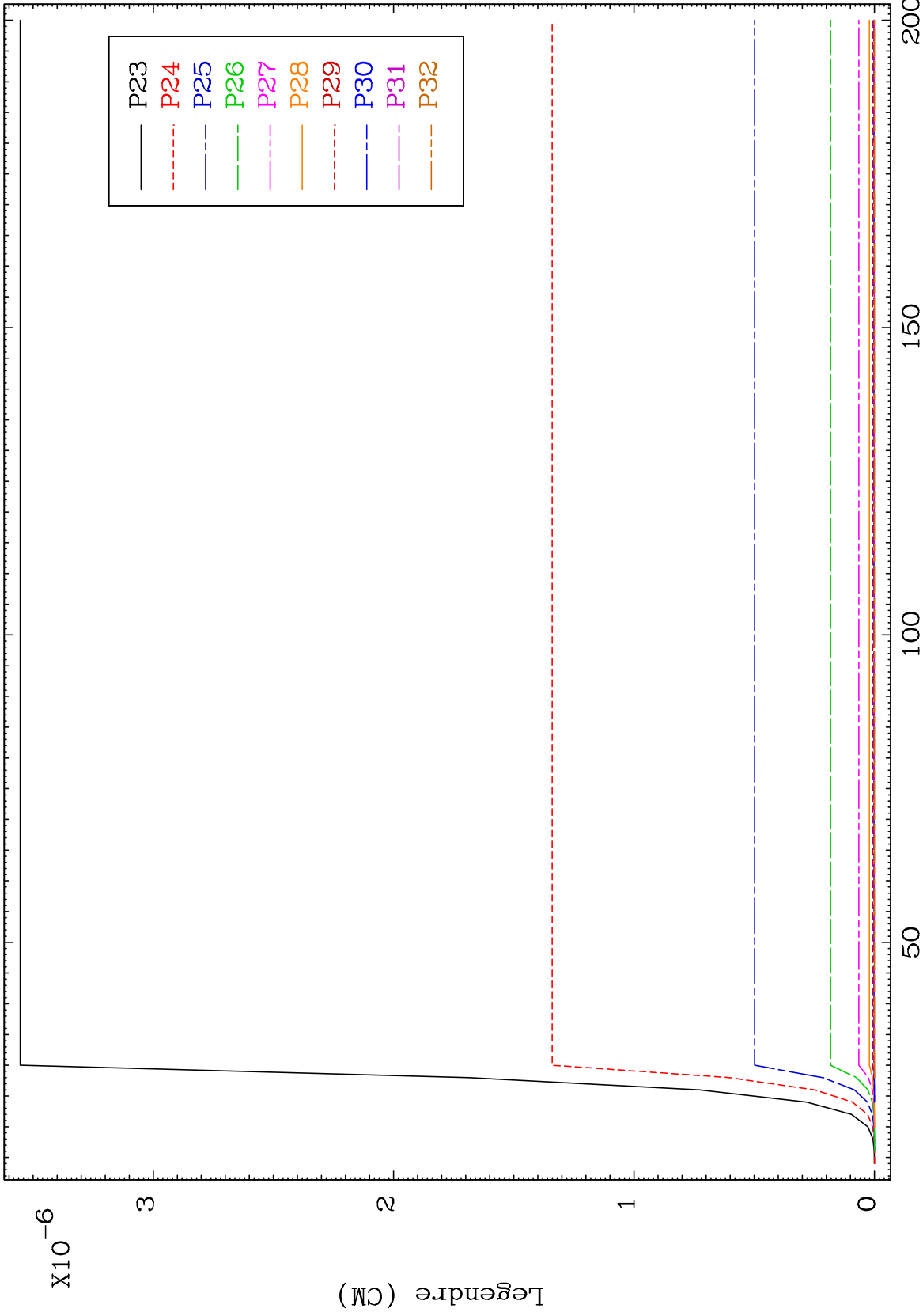
MAT 2340 MT= 68 (n,n') Level Legendre Coefficients 23-V -55



MAT 2340

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

23-V -55



72

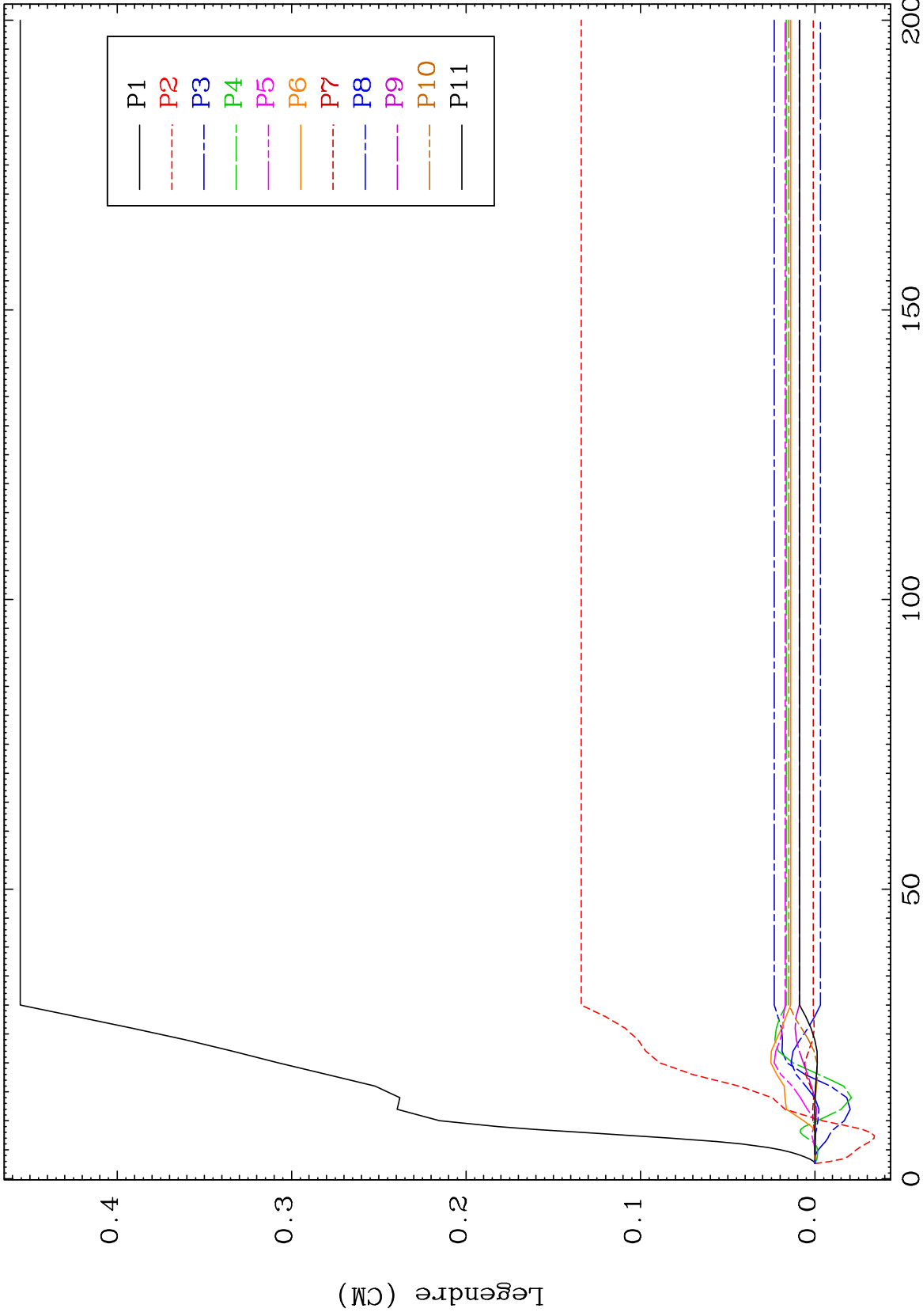
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55

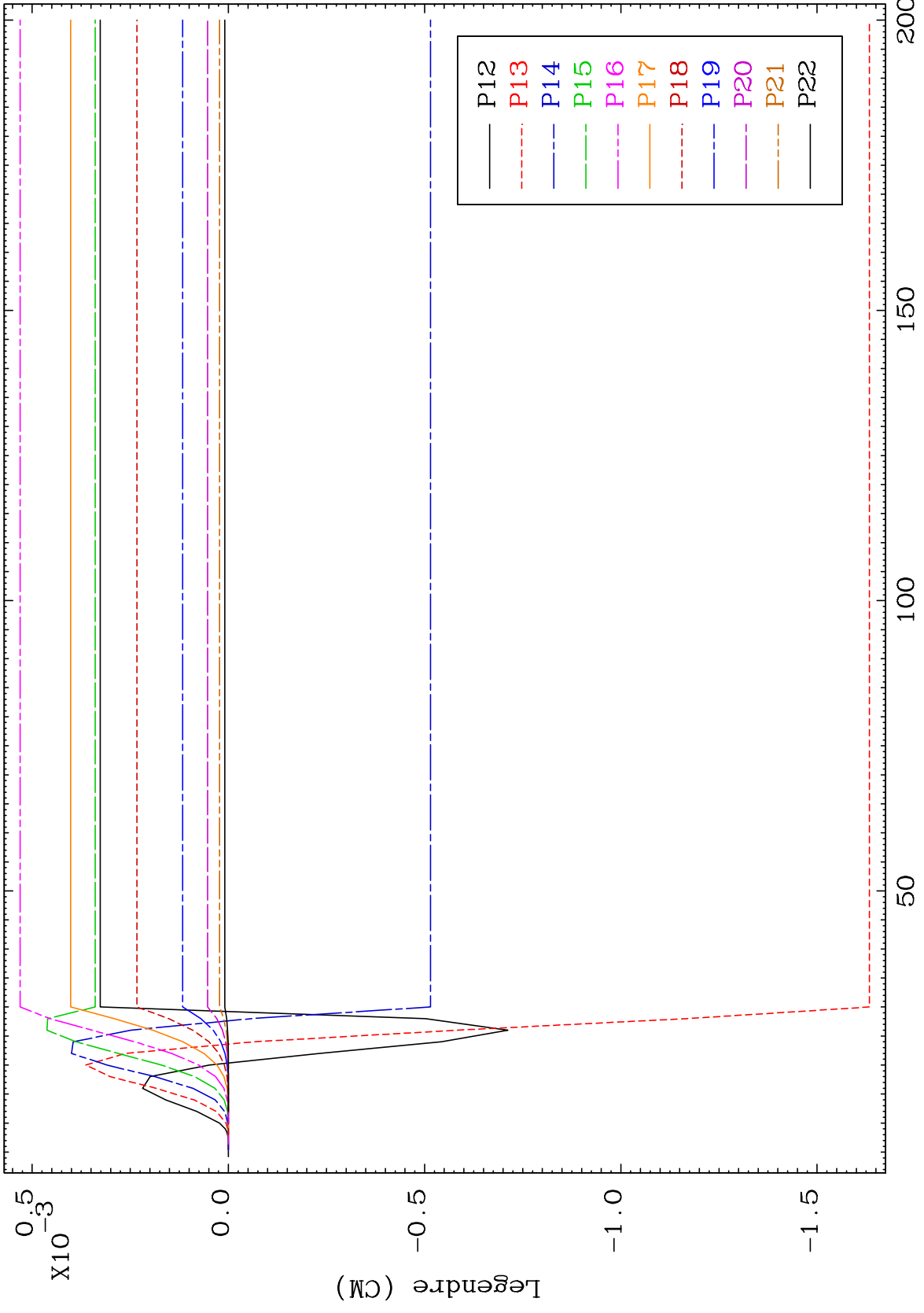


73

Incident Energy (MeV)

23-V -55

MAT 2340 MT= 69 (n,n') Level Legendre Coefficients 23-V -55

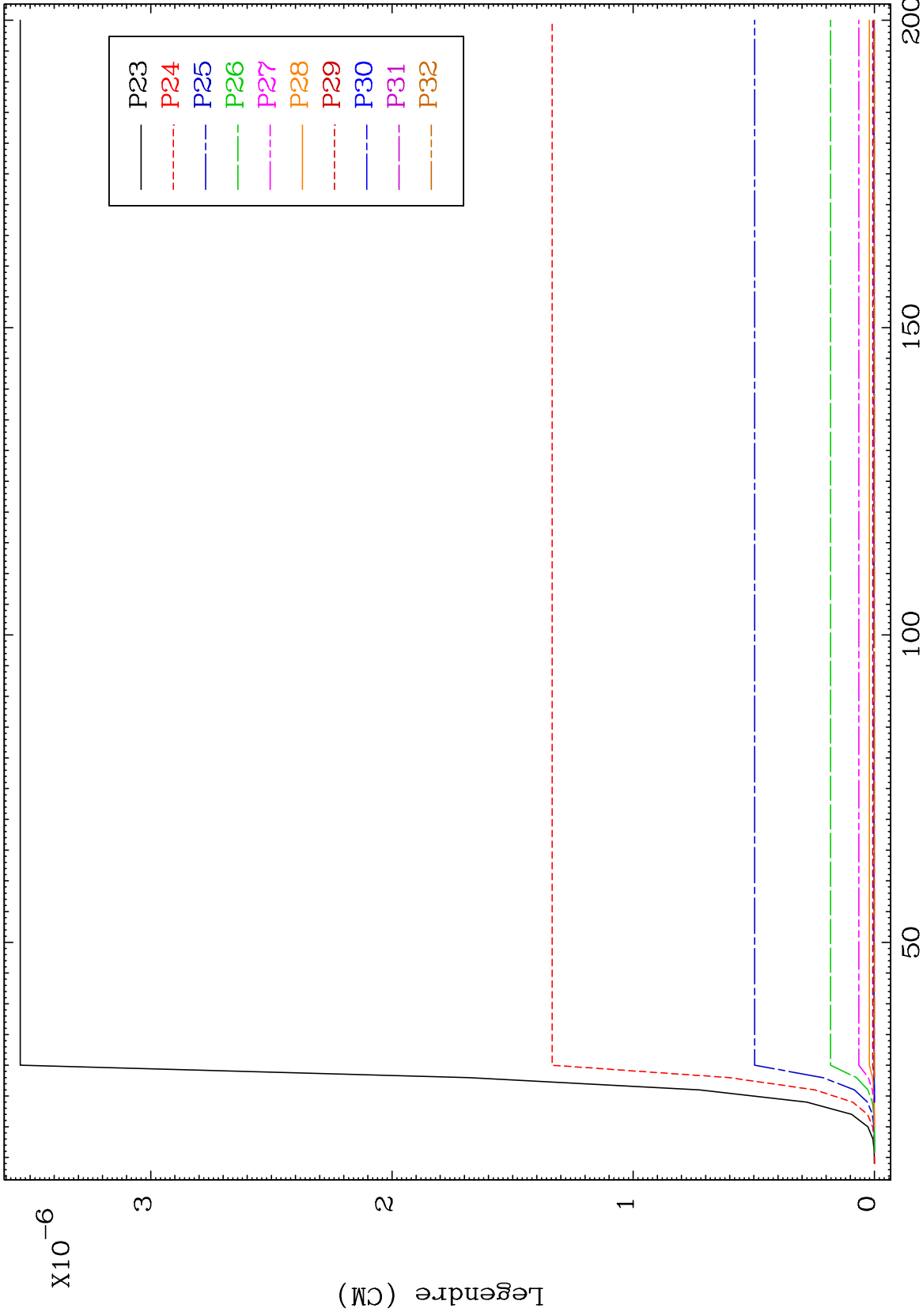


74 23-V -55

MAT 2340

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

23-V -55



75

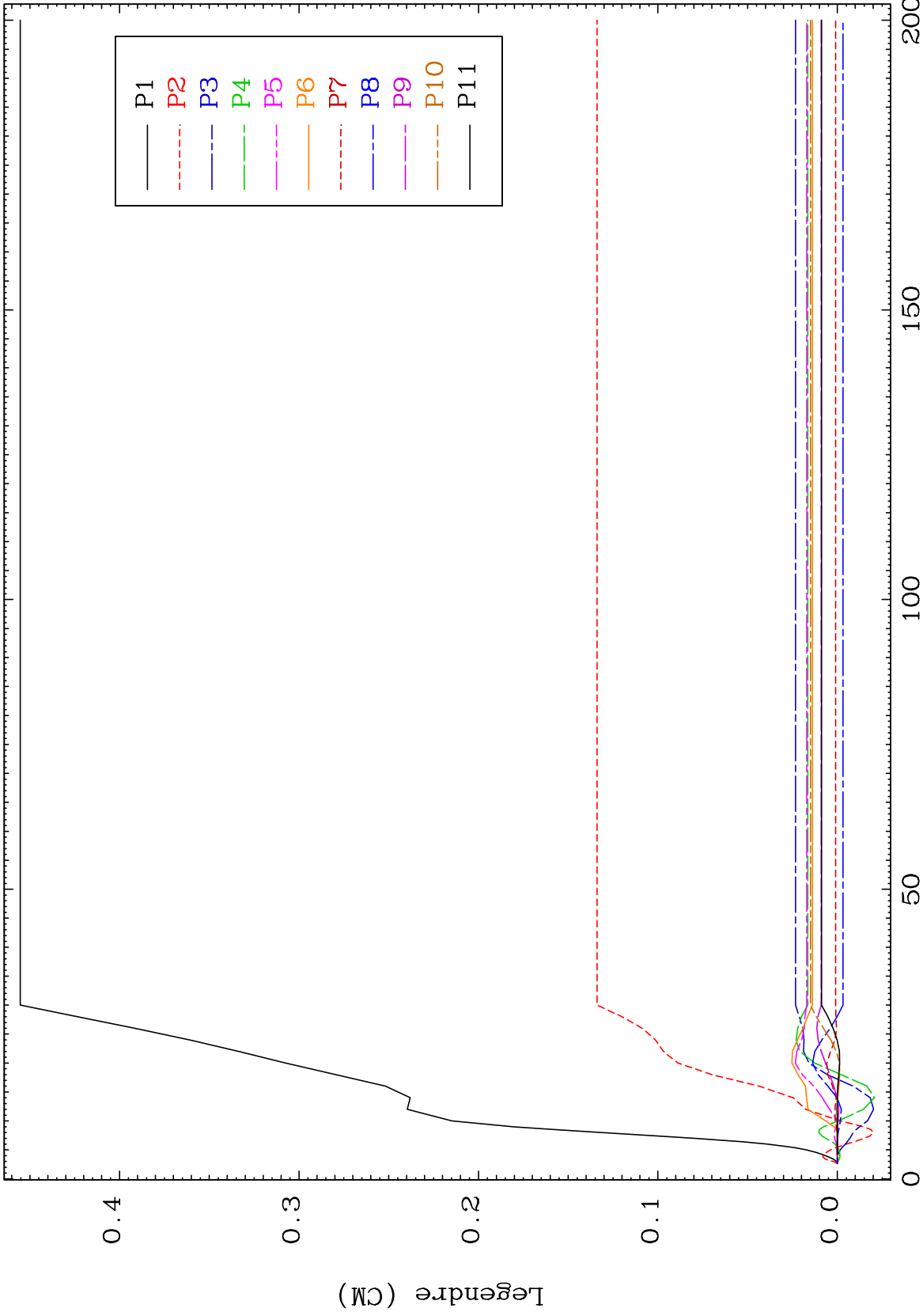
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55

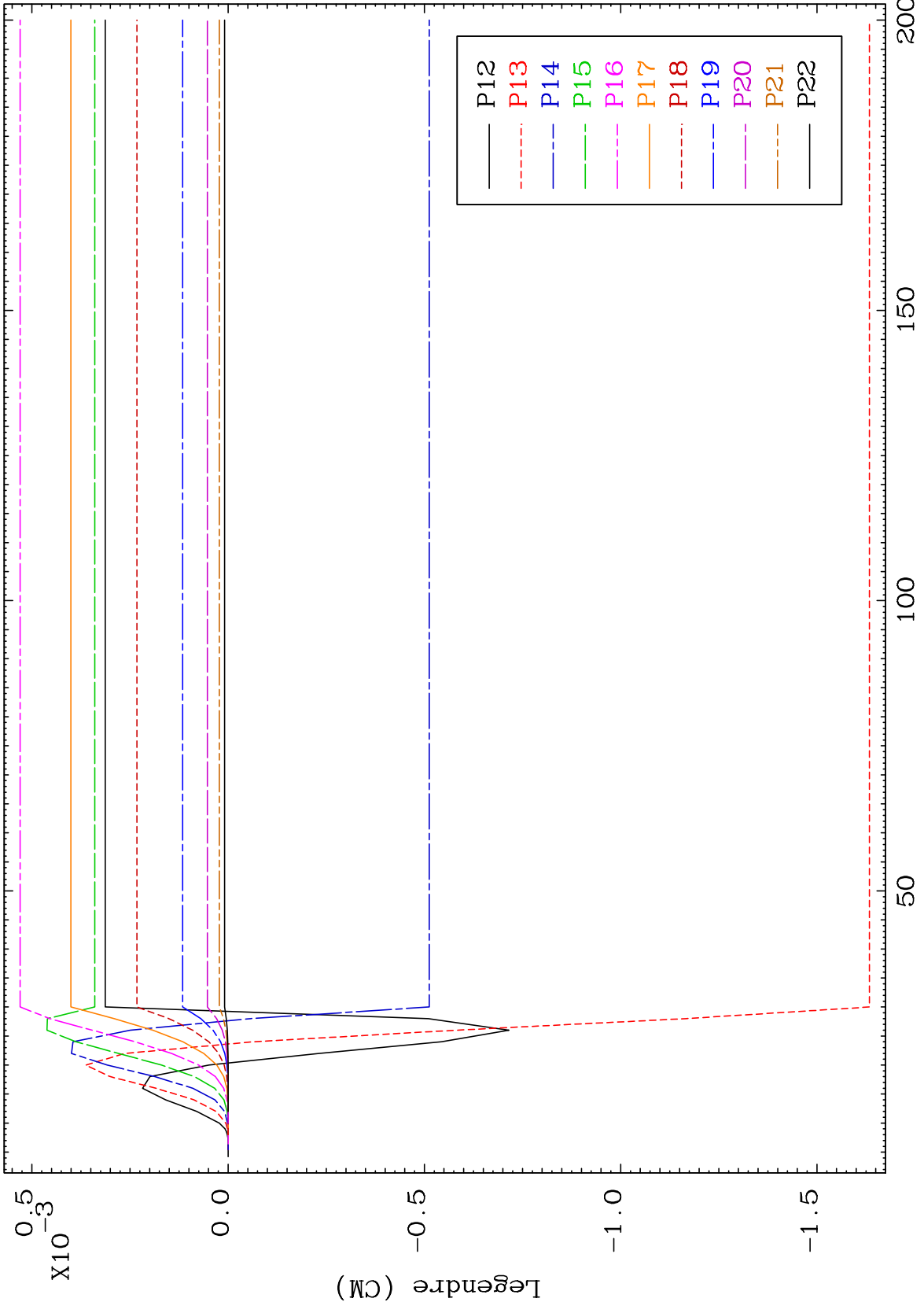


76

Incident Energy (MeV)

23-V -55

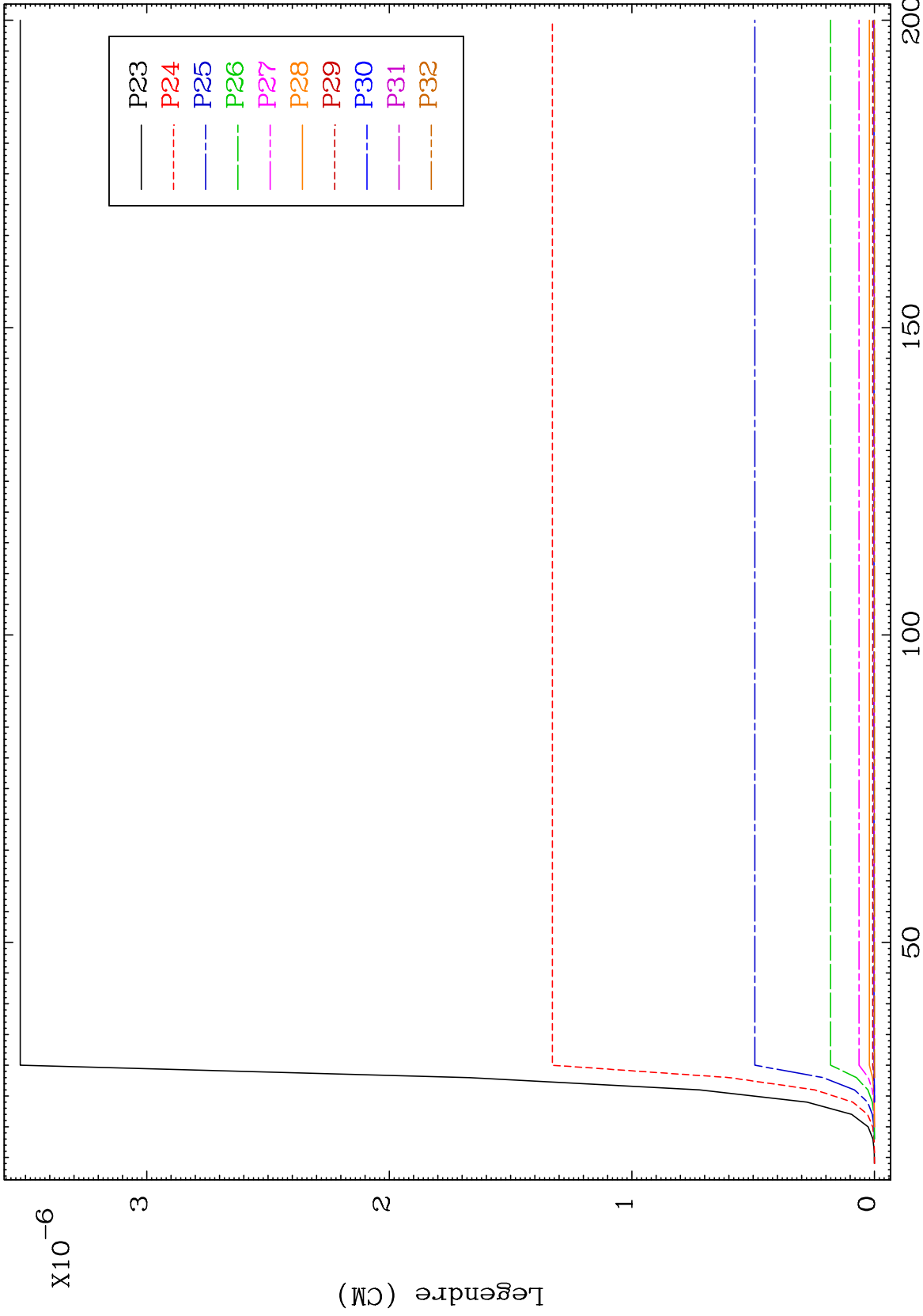
MAT 2340 MT= 70 (n,n') Level Legendre Coefficients 23-V -55



MAT 2340

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

23-V -55

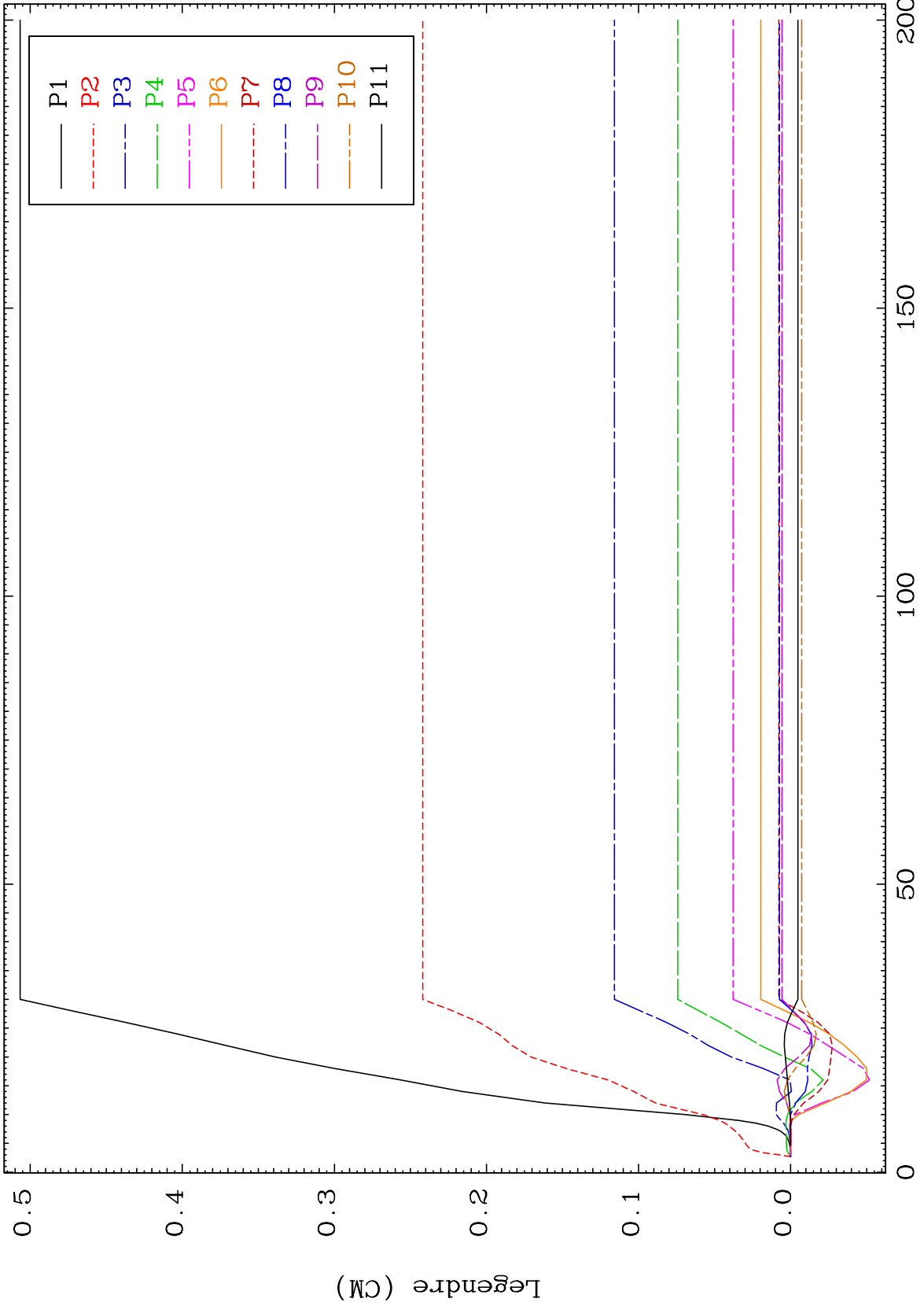


78

Incident Energy (MeV)

23-V -55

MAT 2340 MT= 71 (n,n') Level Legendre Coefficients 23-V -55

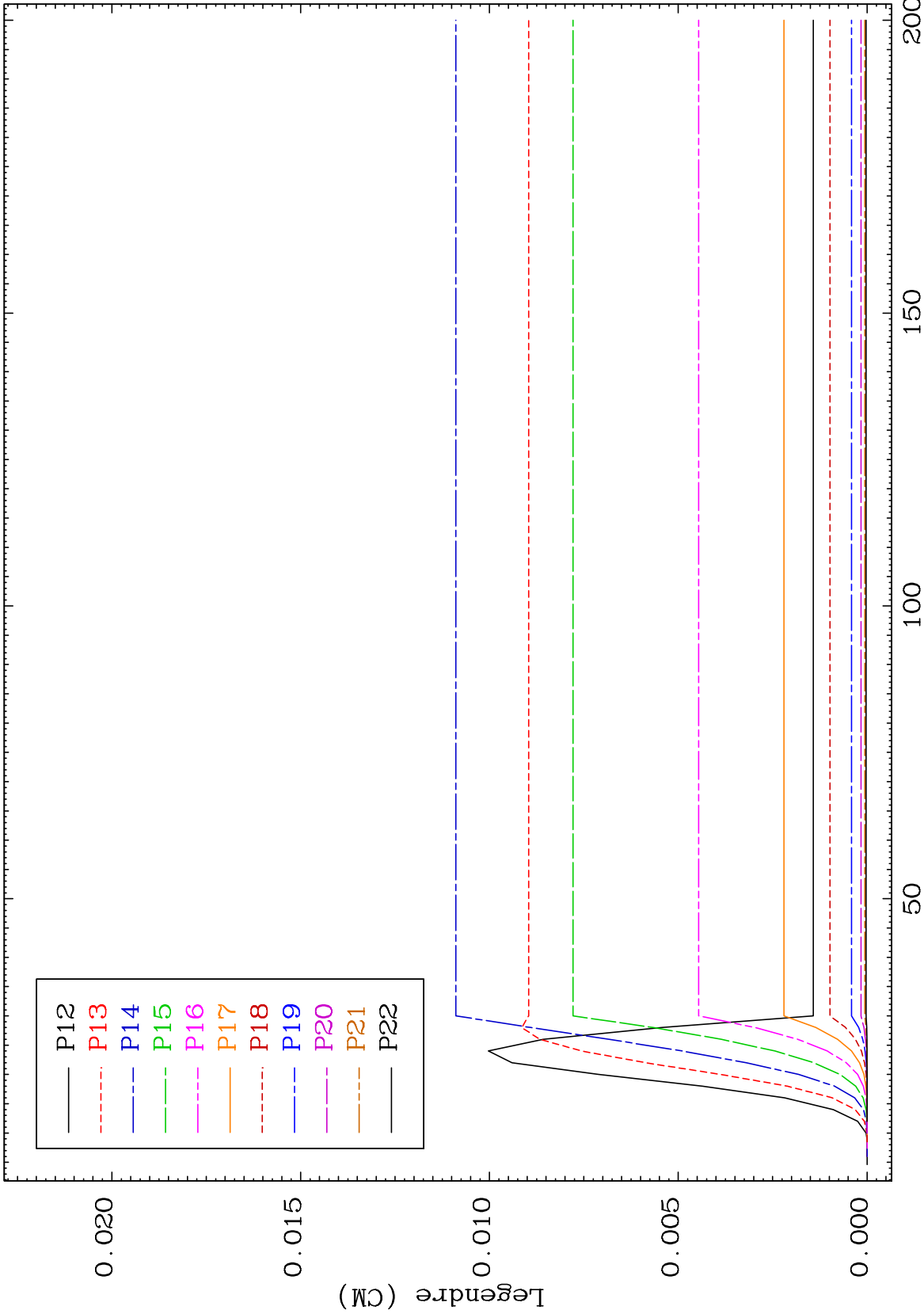


79 23-V -55

MAT 2340

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

23-V -55



80

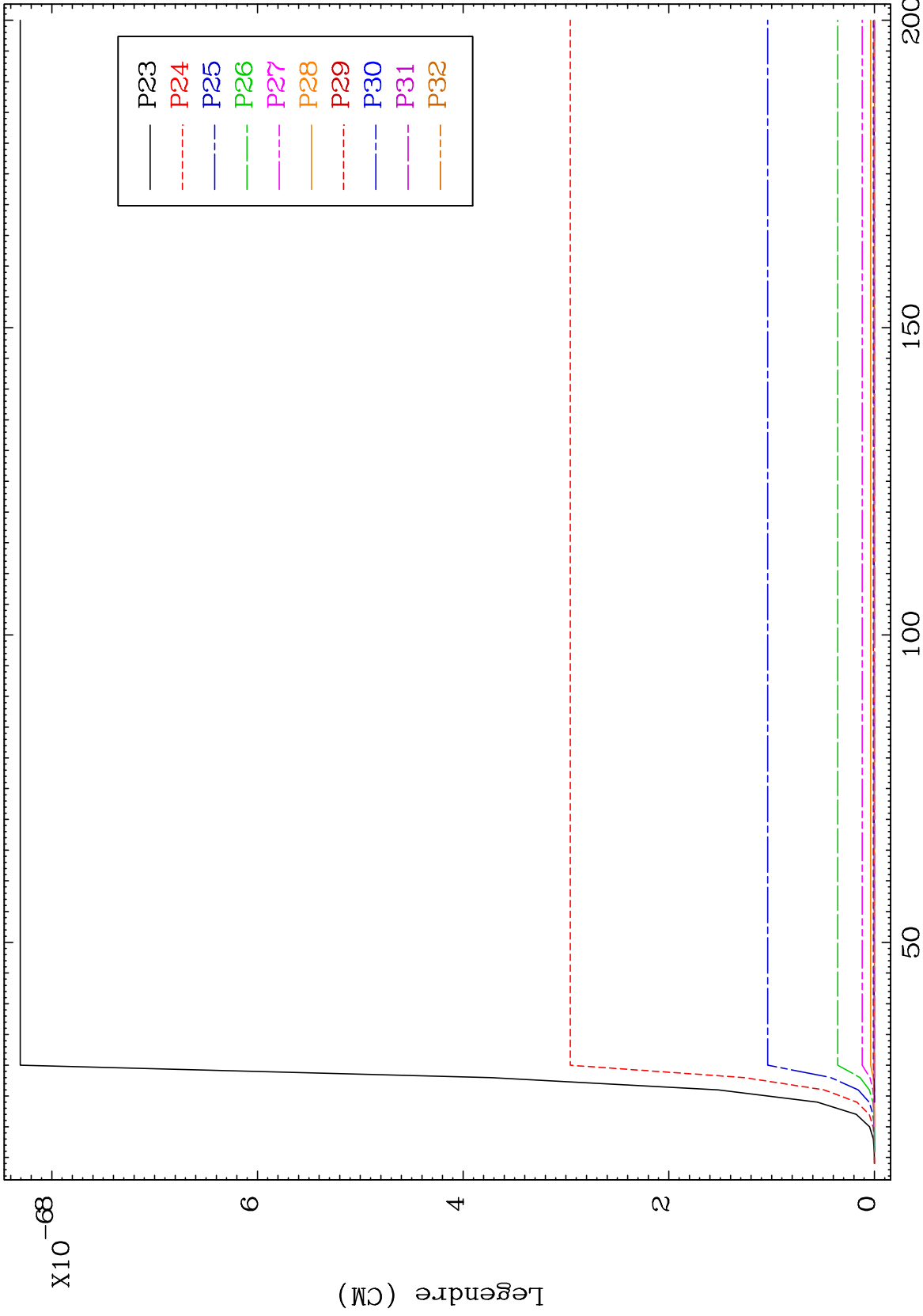
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



81

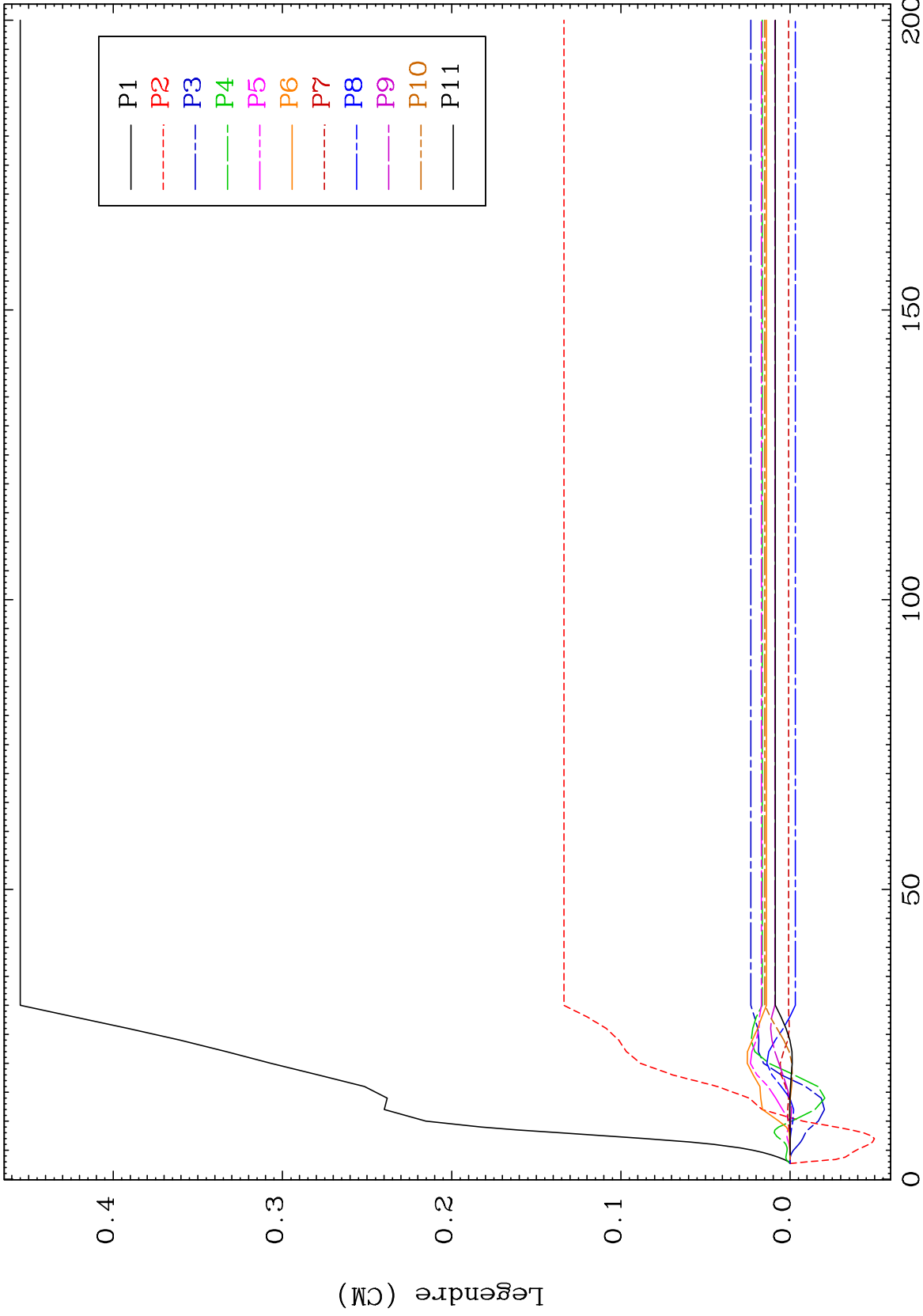
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



82

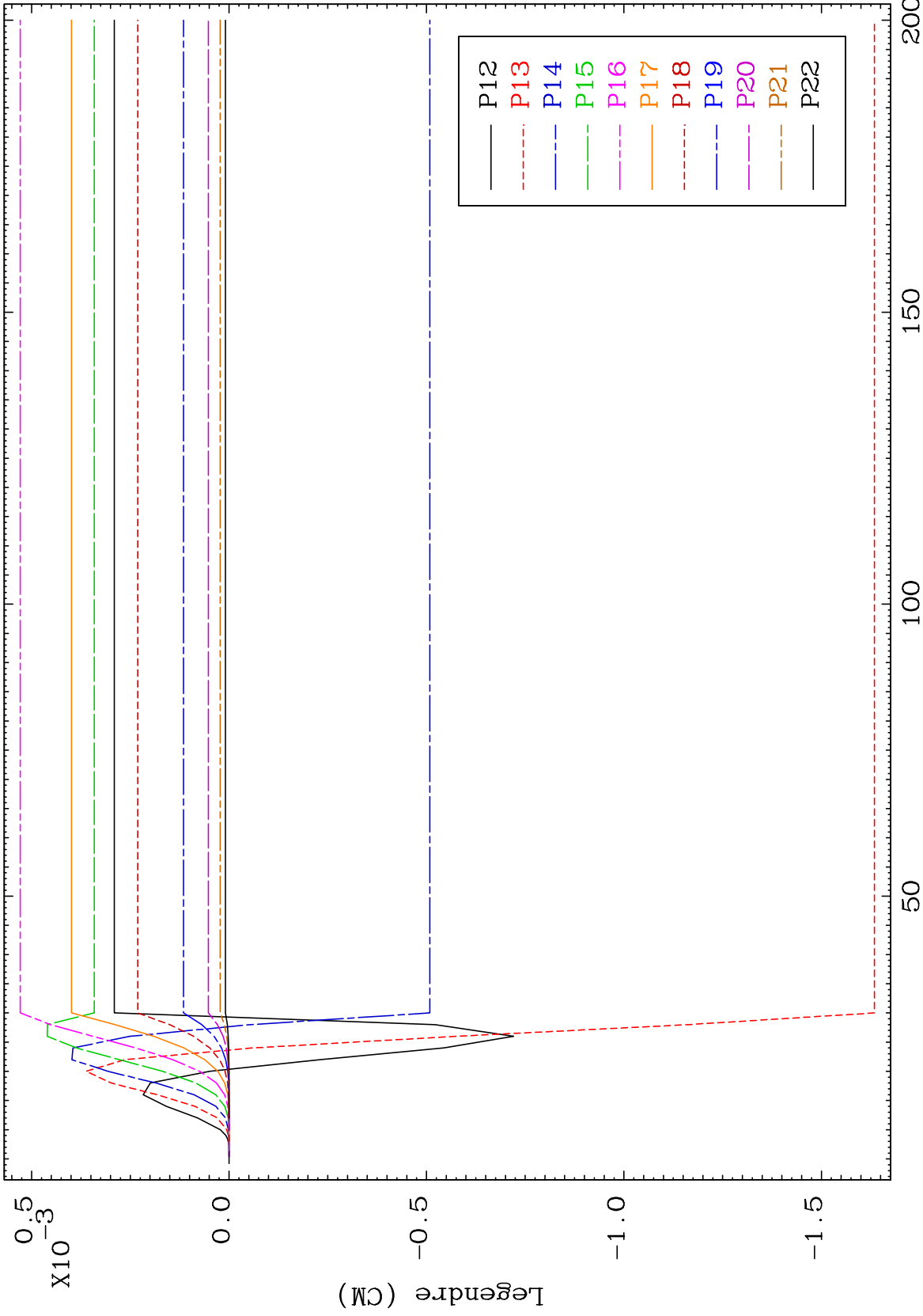
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



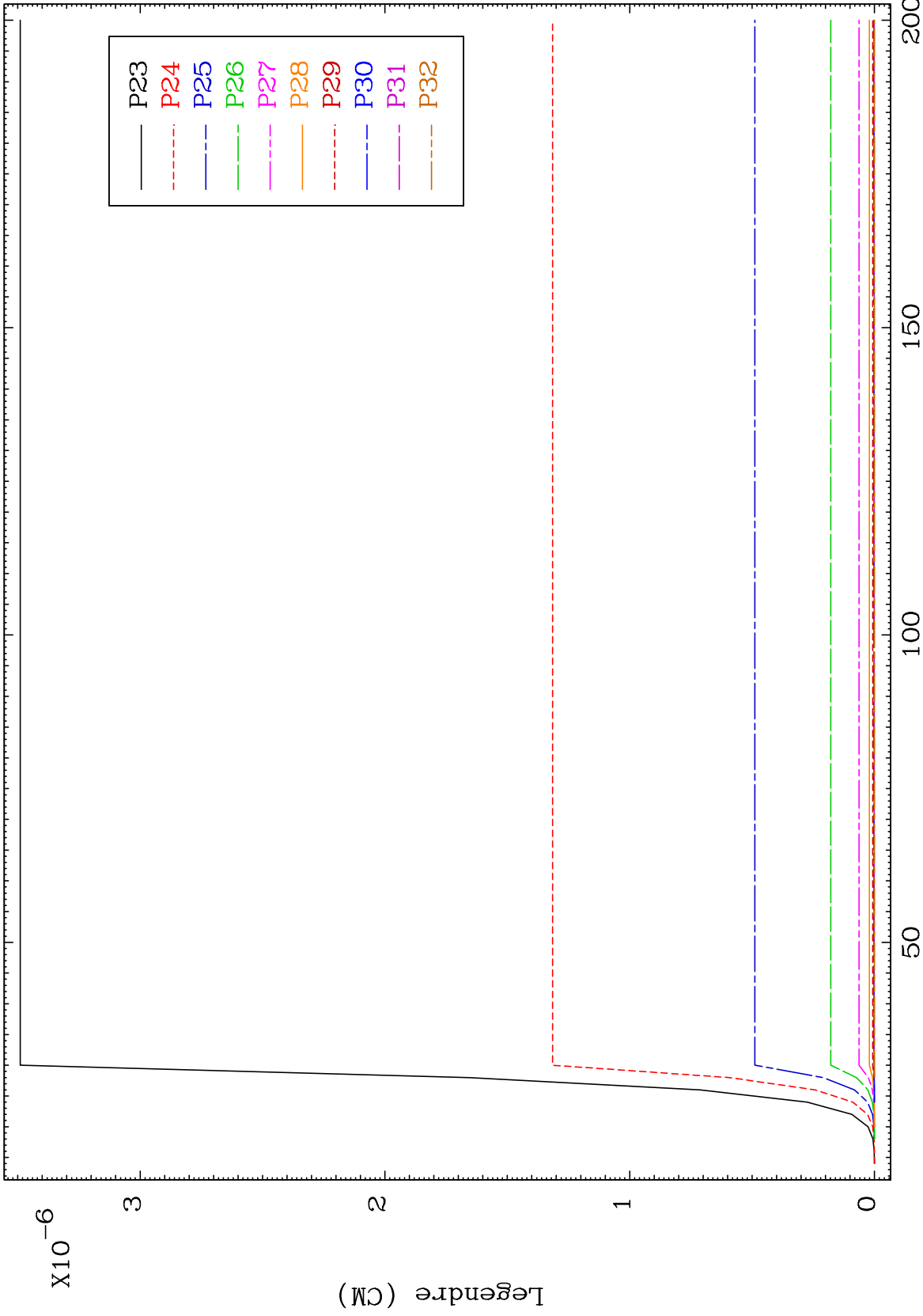
83

23-V -55

MAT 2340

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

23-V -55



84

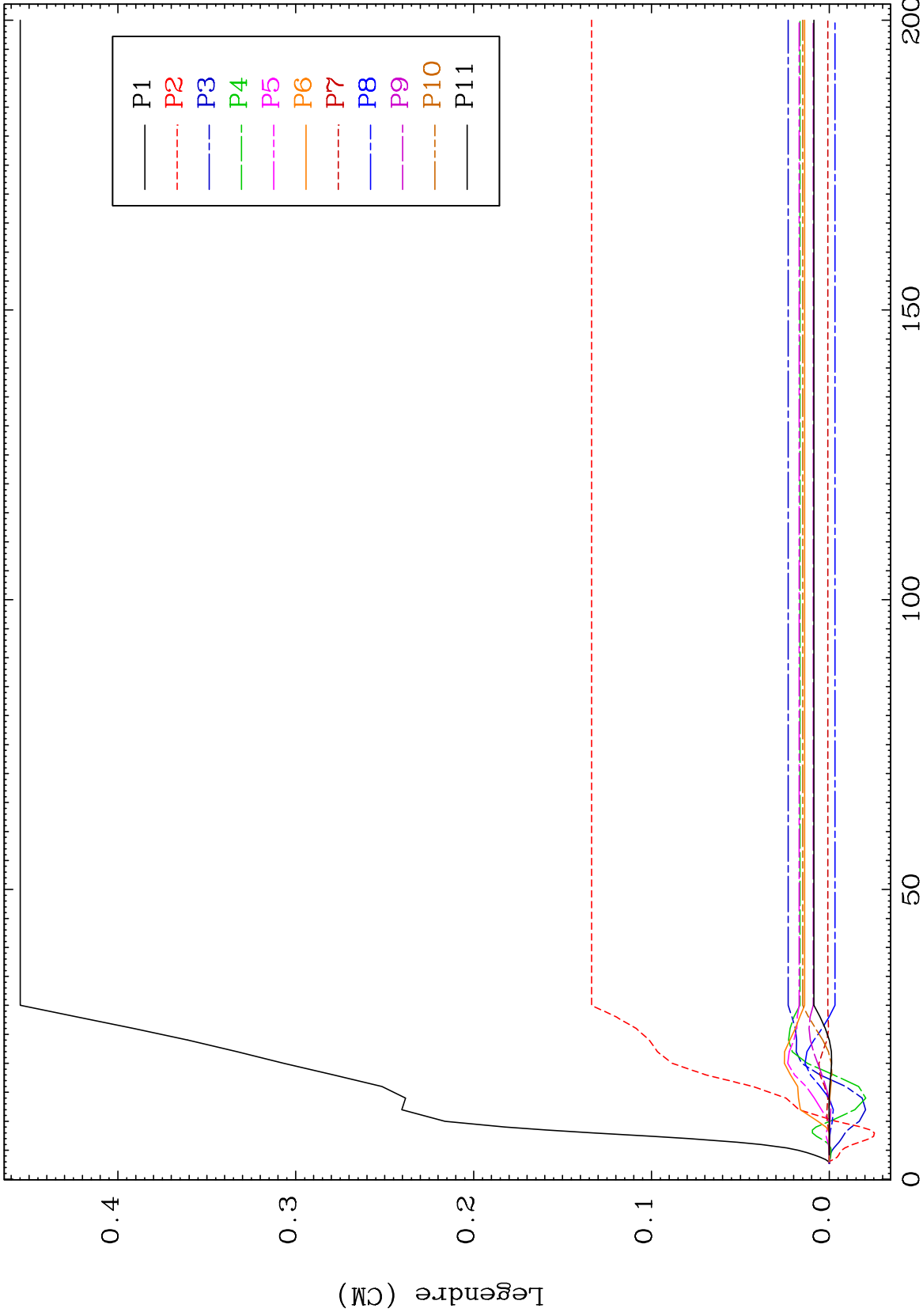
Incident Energy (MeV)

23-V -55

MAT 2340

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

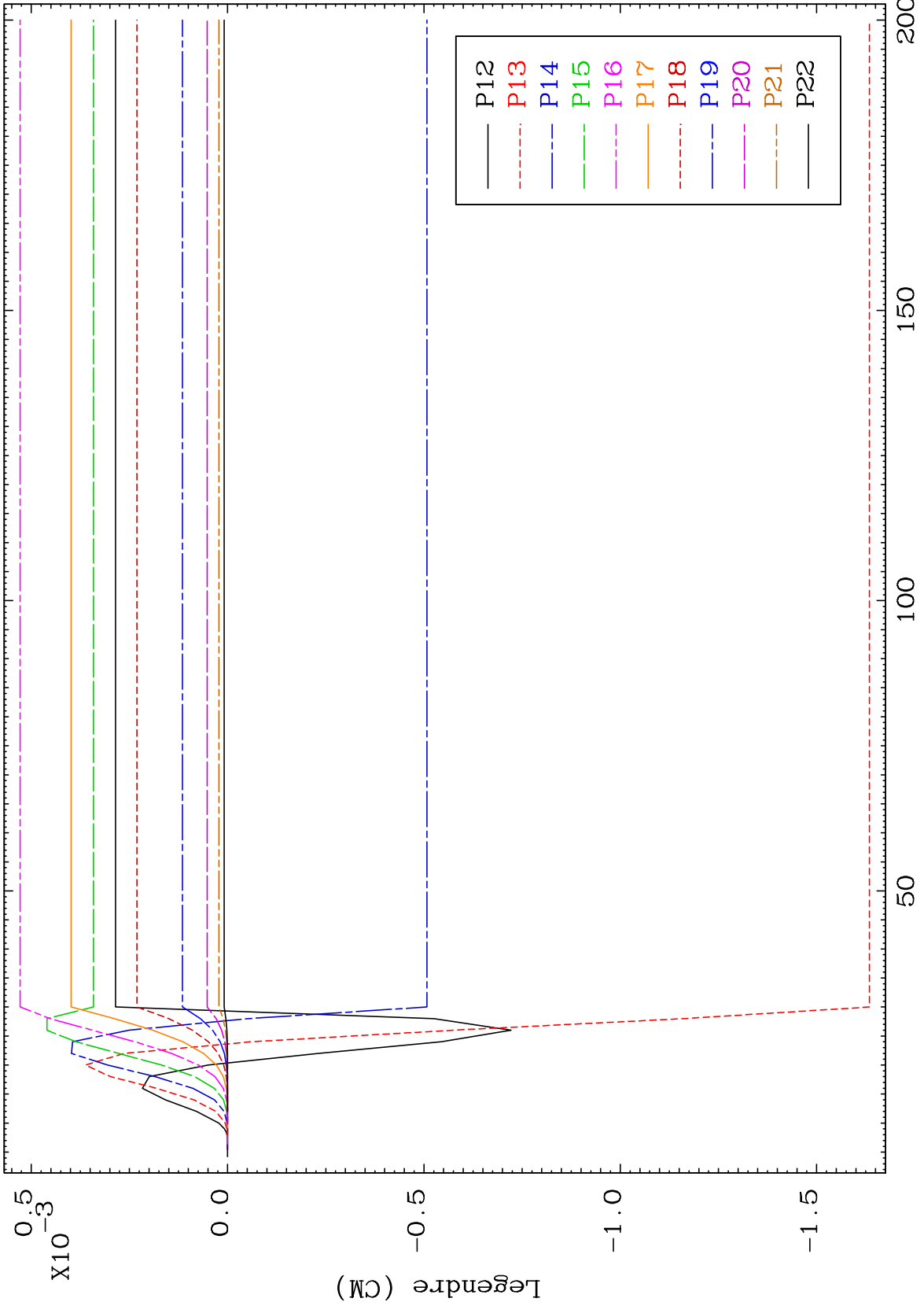
23-V -55



85

Incident Energy (MeV)

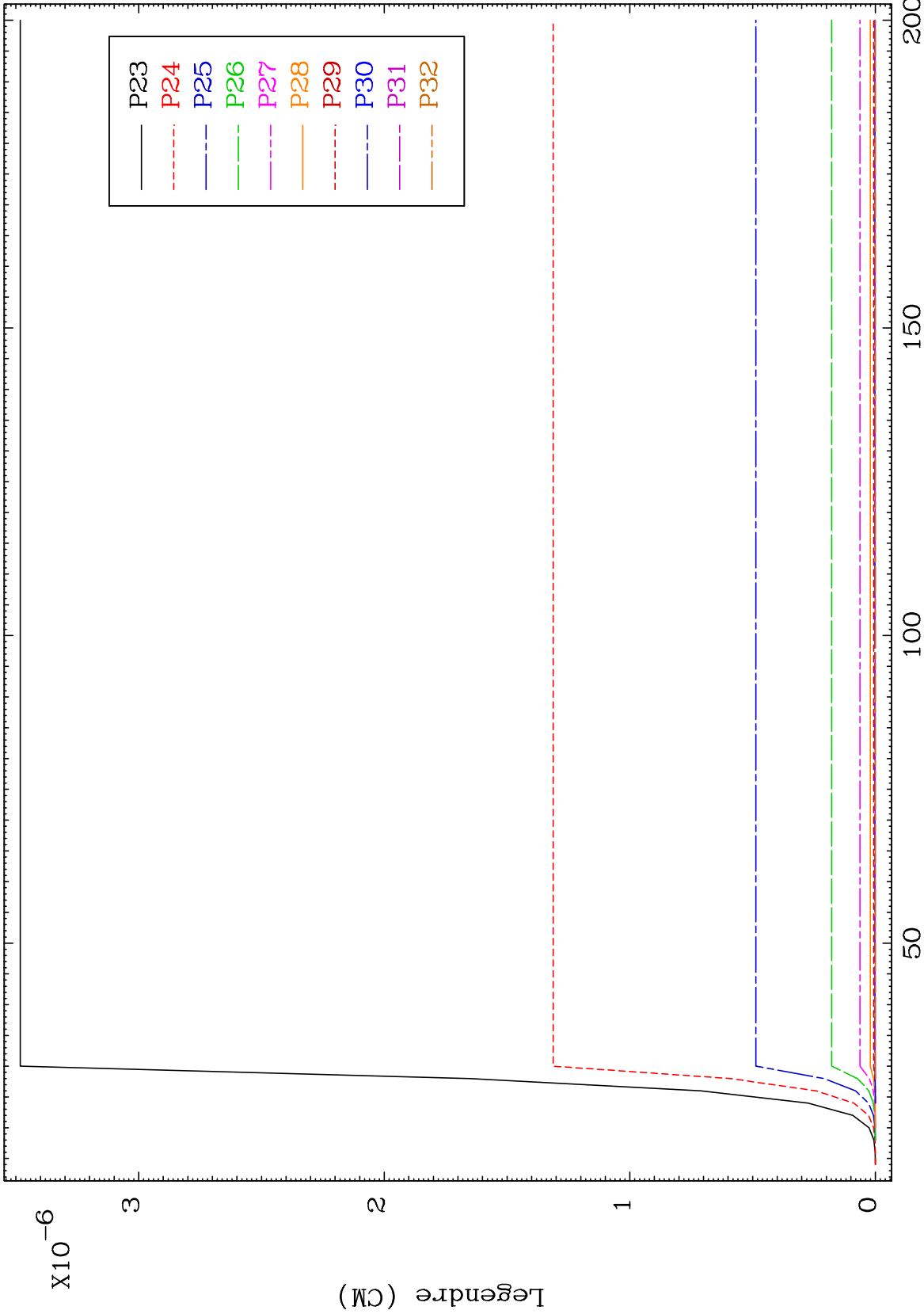
23-V -55



MAT 2340

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

23-V -55

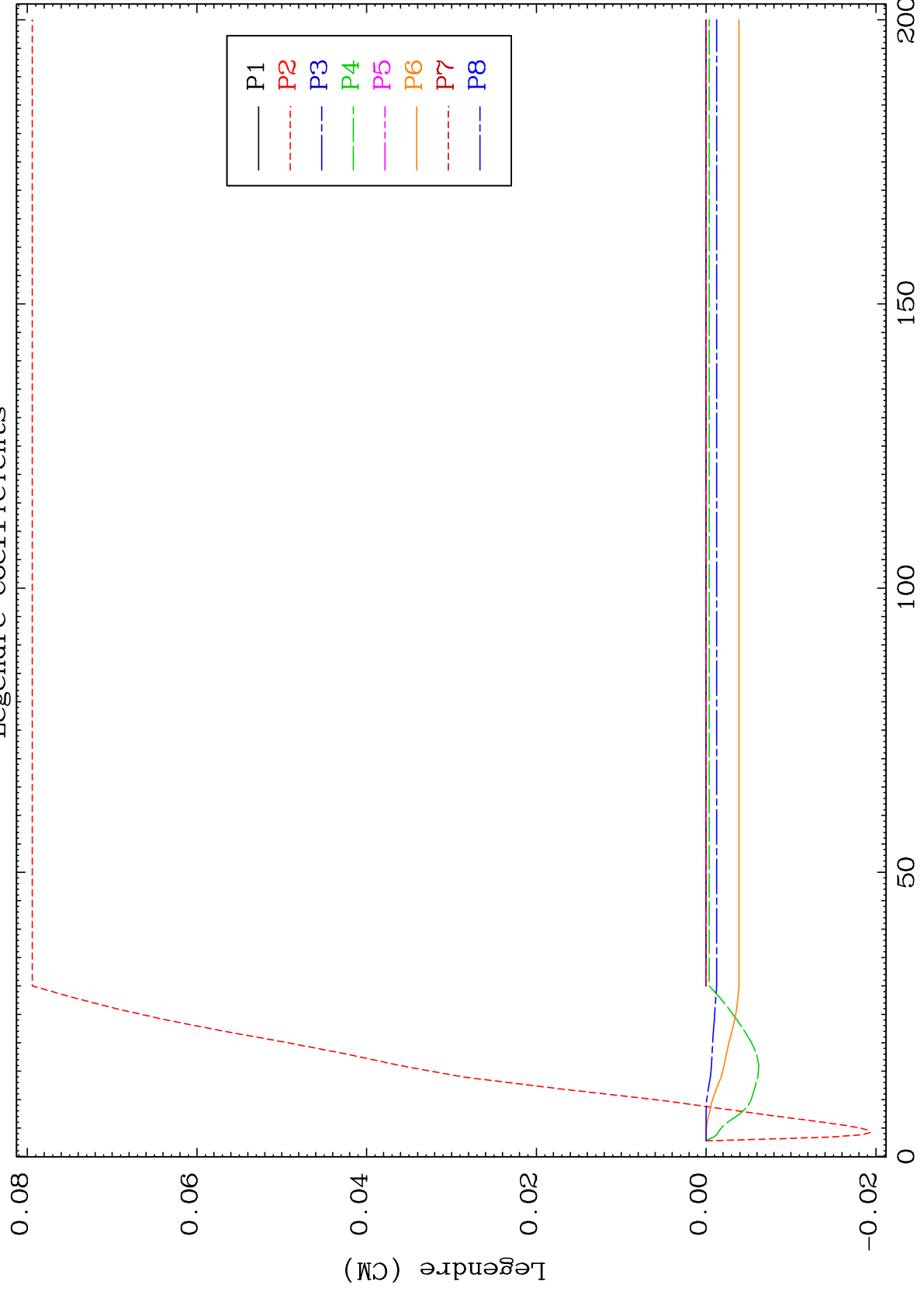


87

Incident Energy (MeV)

23-V -55

MAT 2340 MT= 74 (n,n') Level Legendre Coefficients 23-V -55

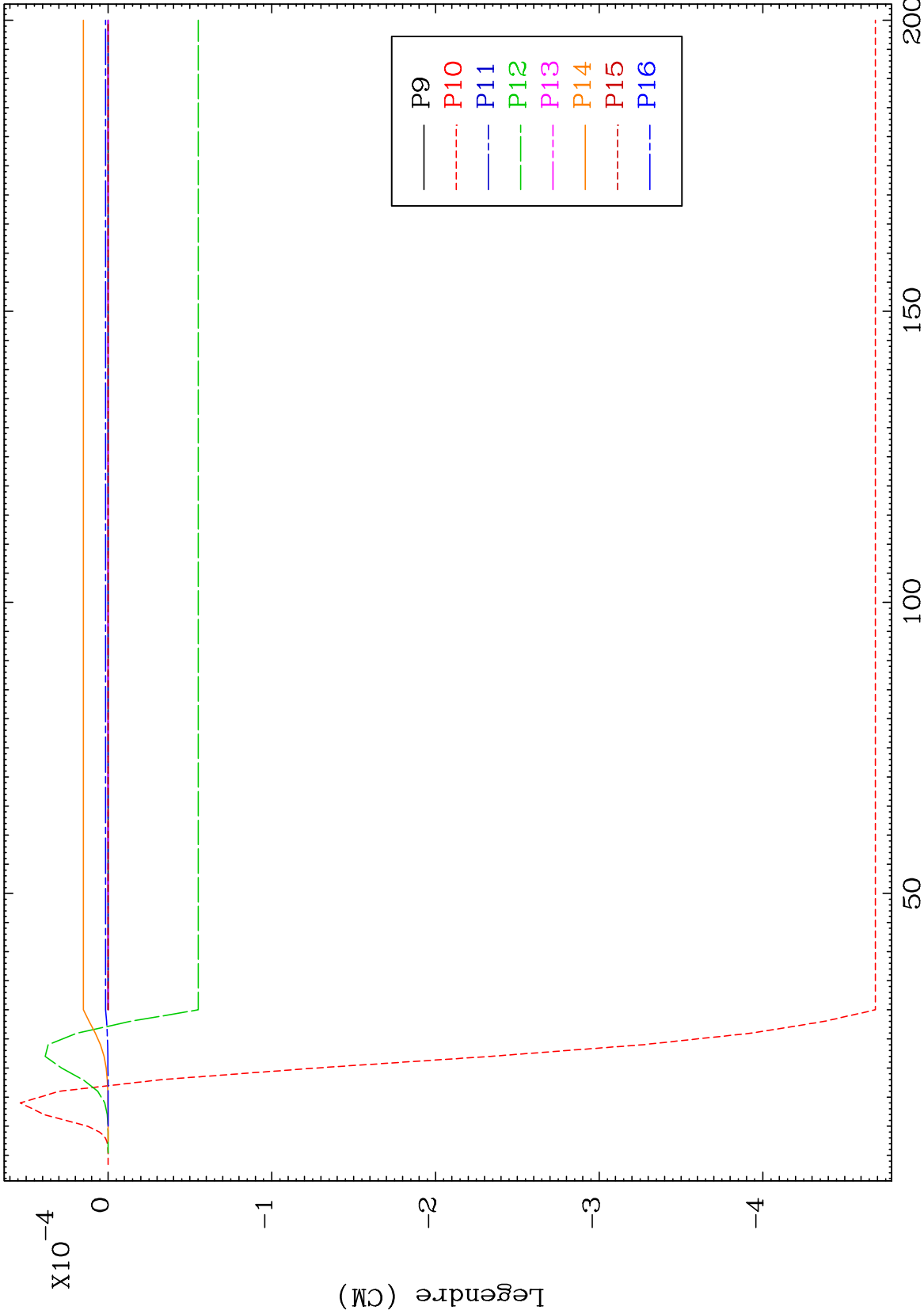


88 Incident Energy (MeV) 23-V -55

MAT 2340

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

23-V -55

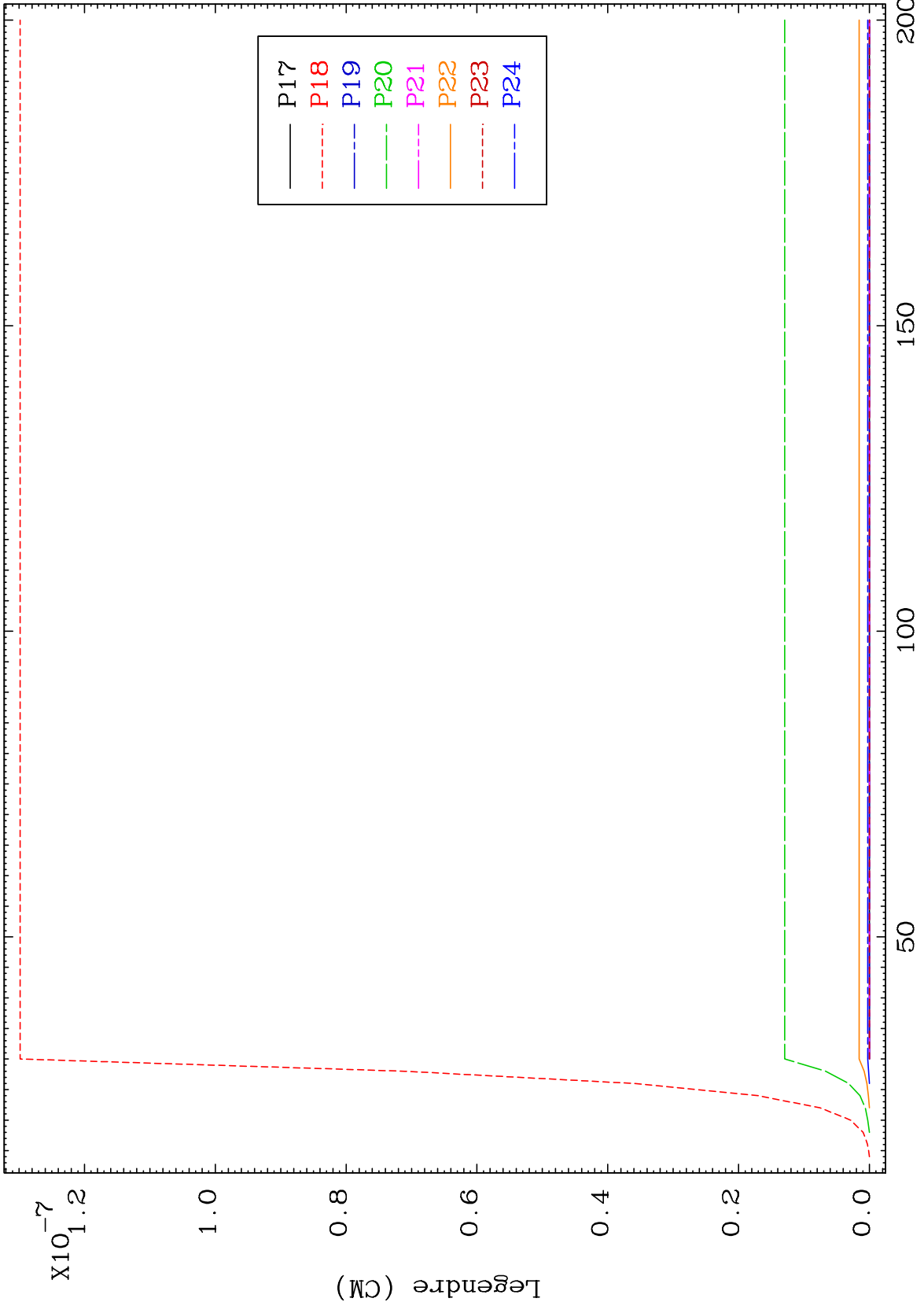


89

Incident Energy (MeV)

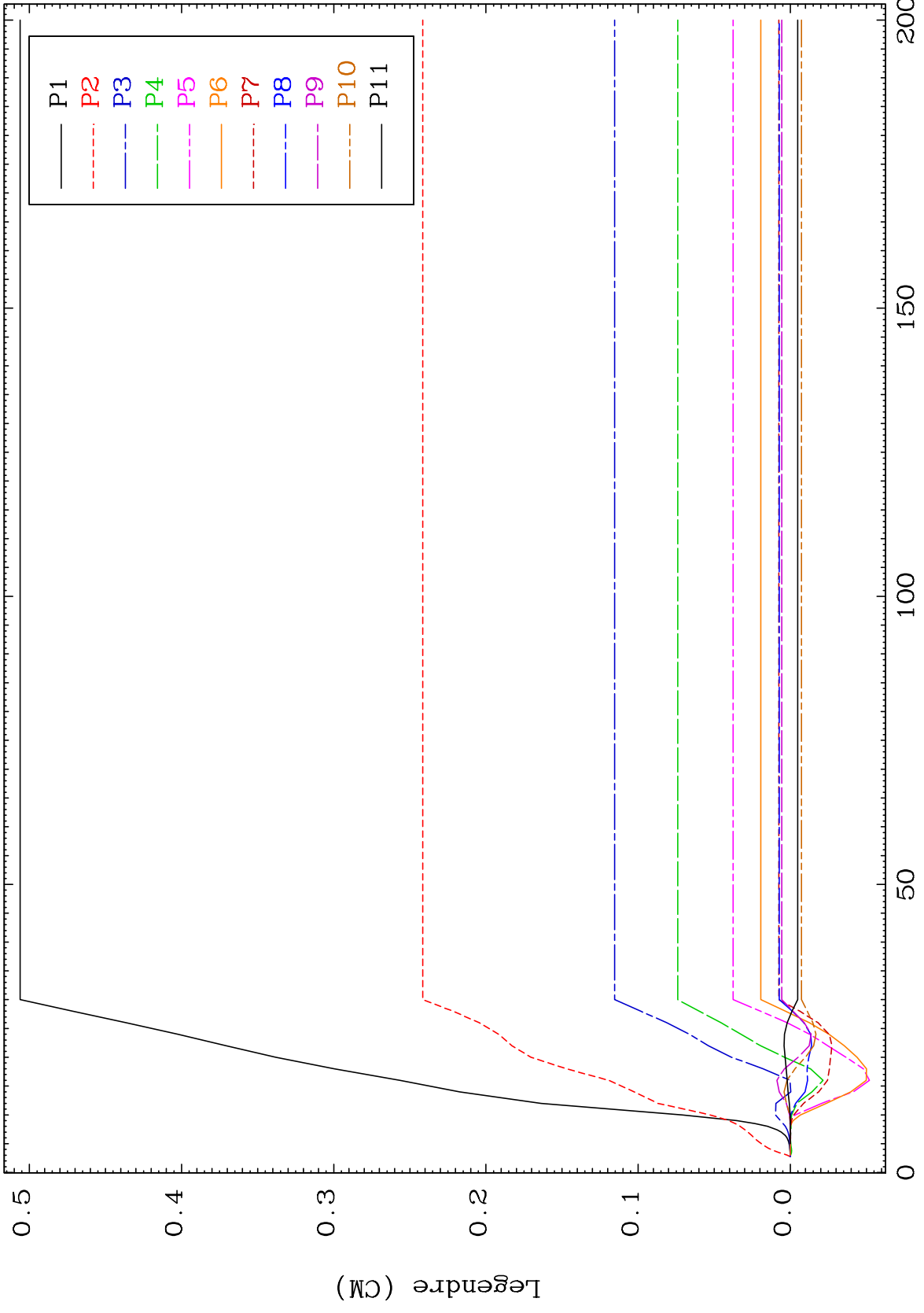
23-V -55

MAT 2340 MT= 74 (n,n') Level Legendre Coefficients 23-V -55



23-V -55

MAT 2340 MT= 75 (n,n') Level Legendre Coefficients 23-V -55

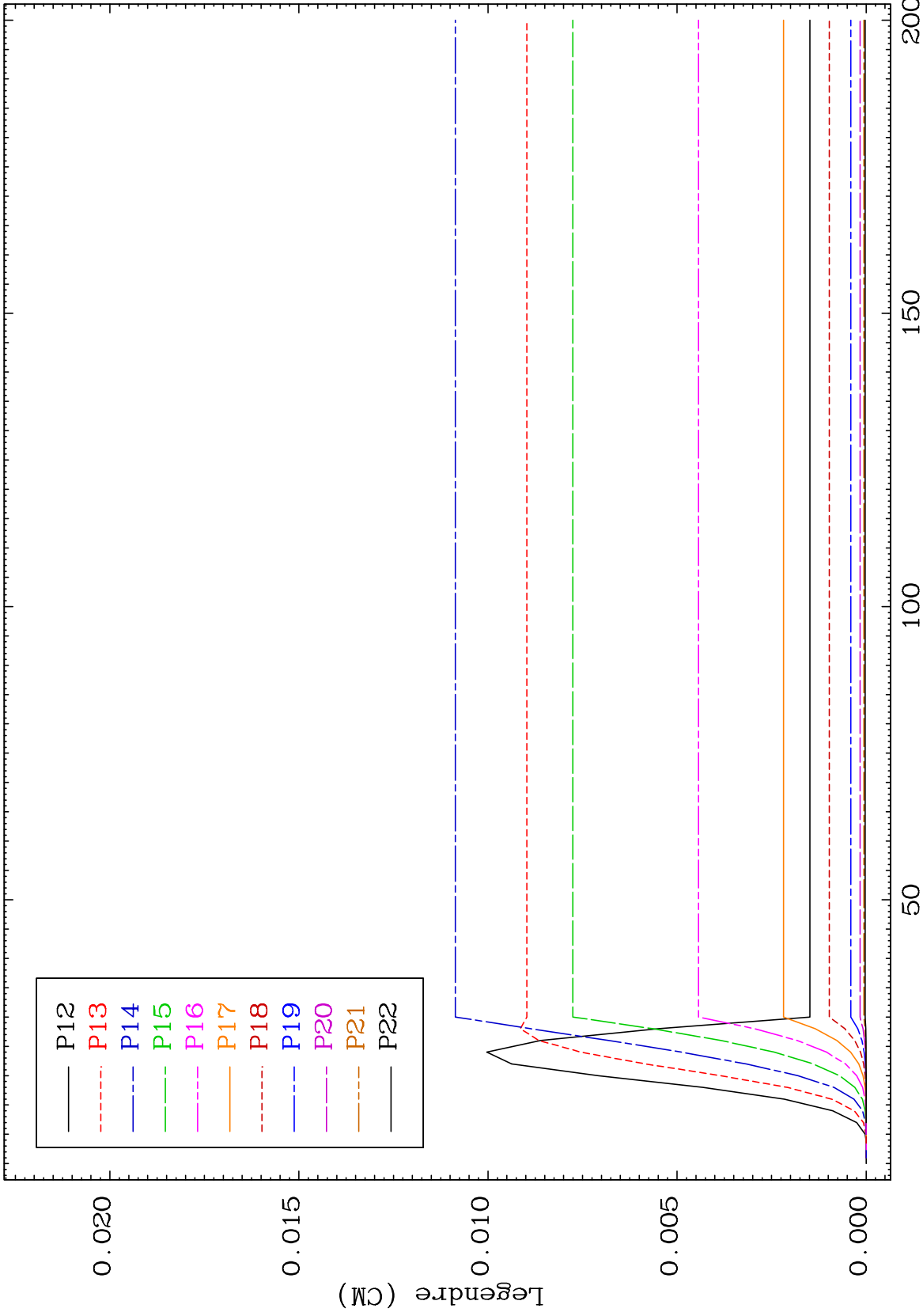


91 23-V -55

MAT 2340

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

23-V -55



92

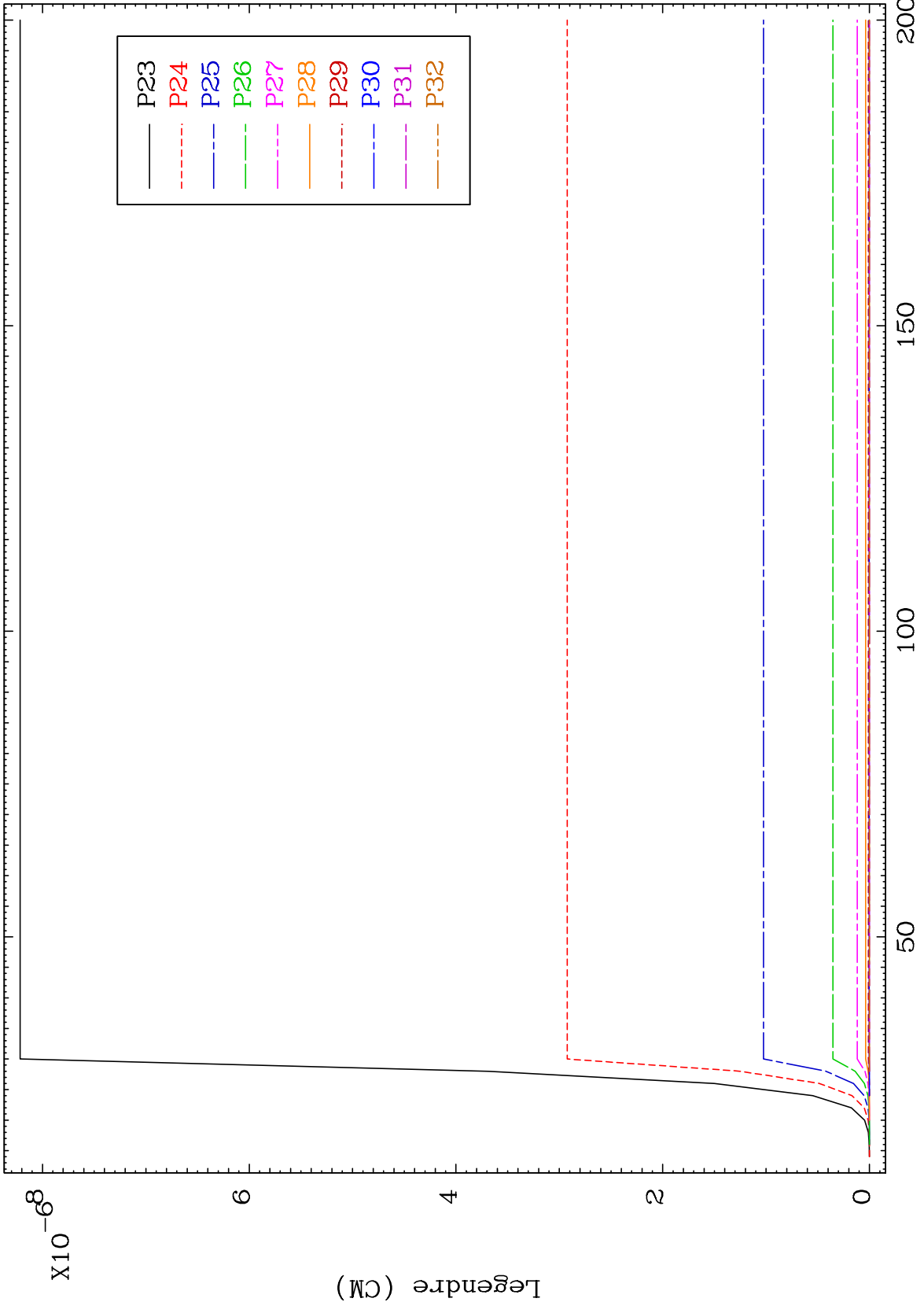
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



93

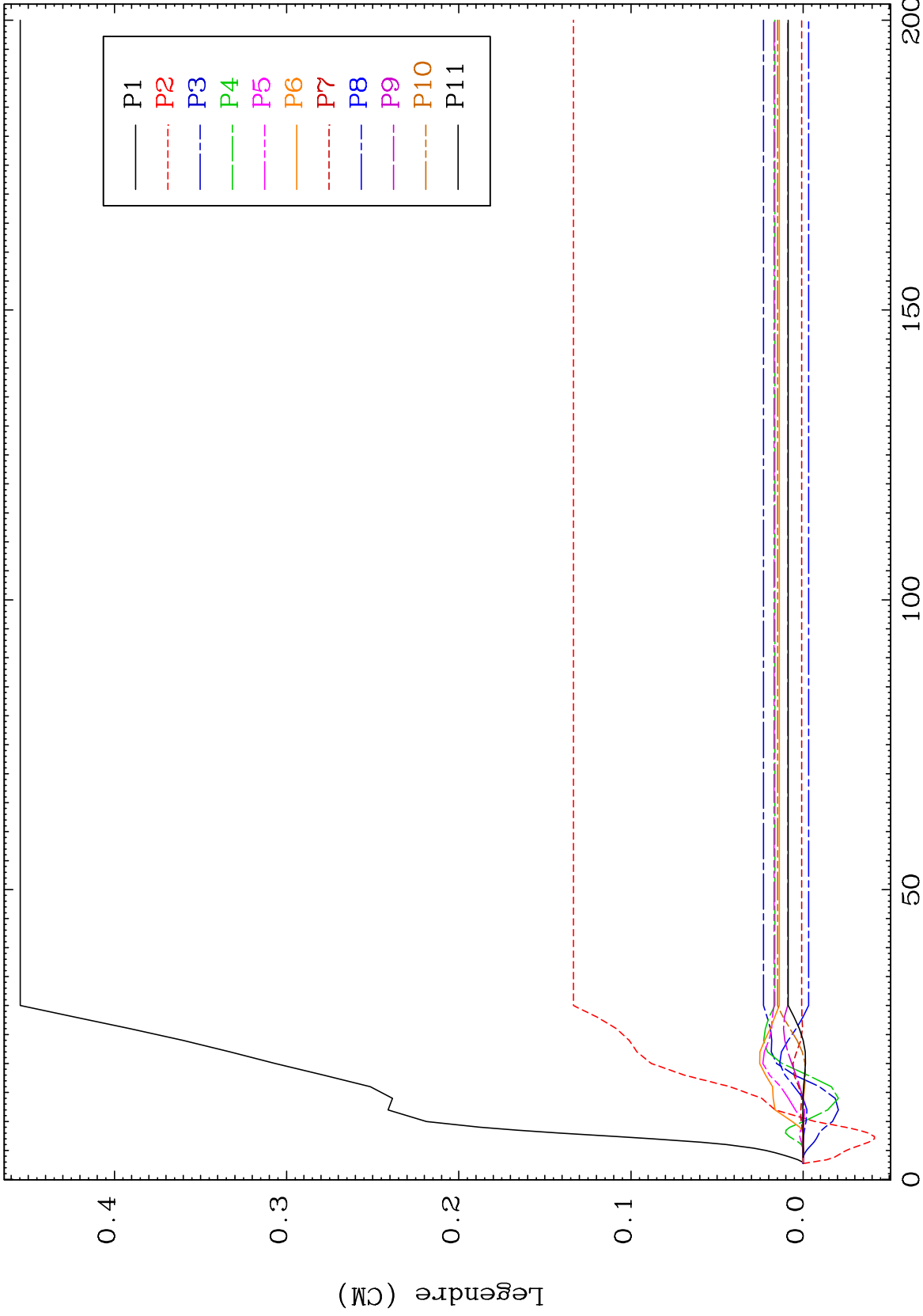
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



94

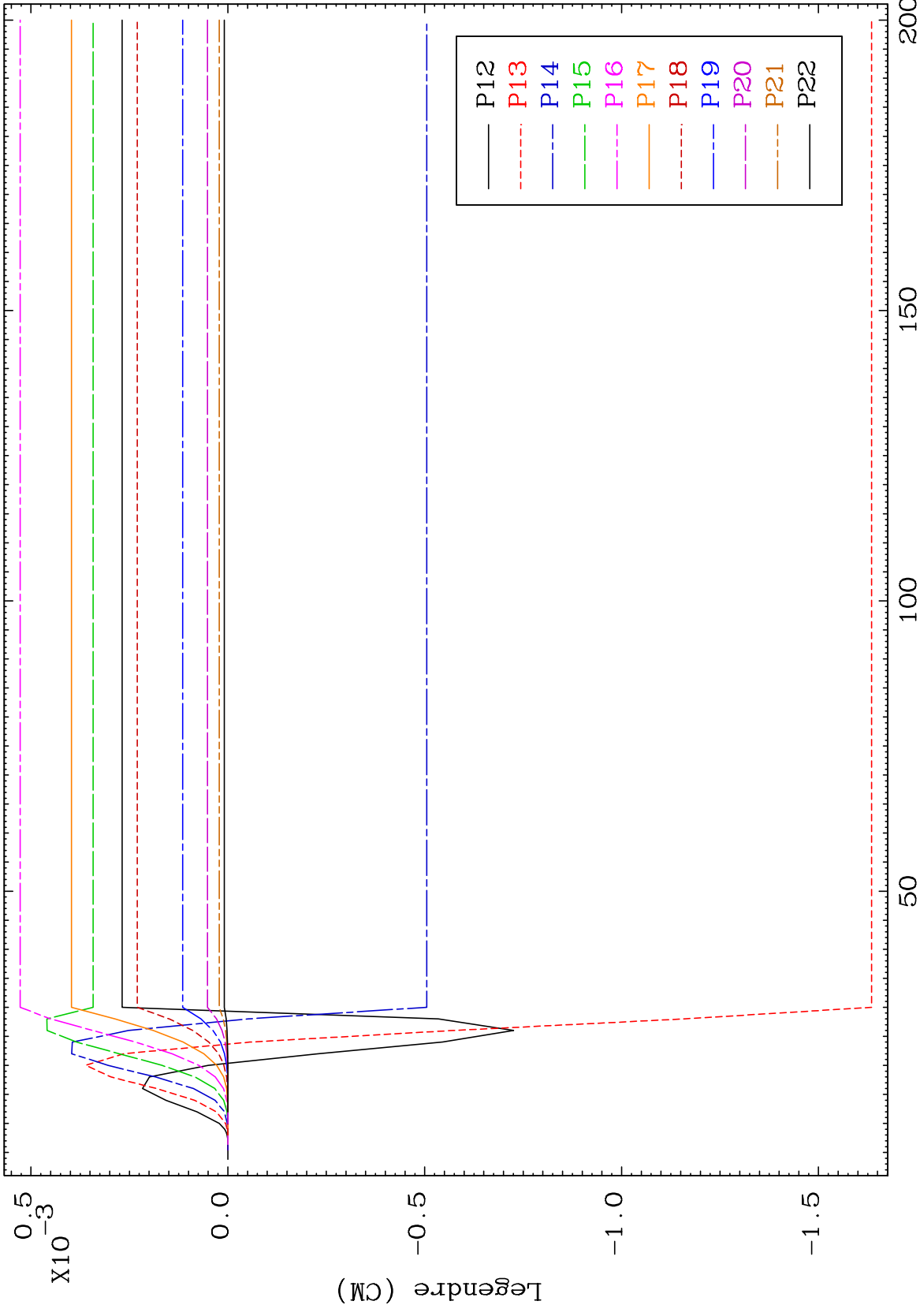
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55



95

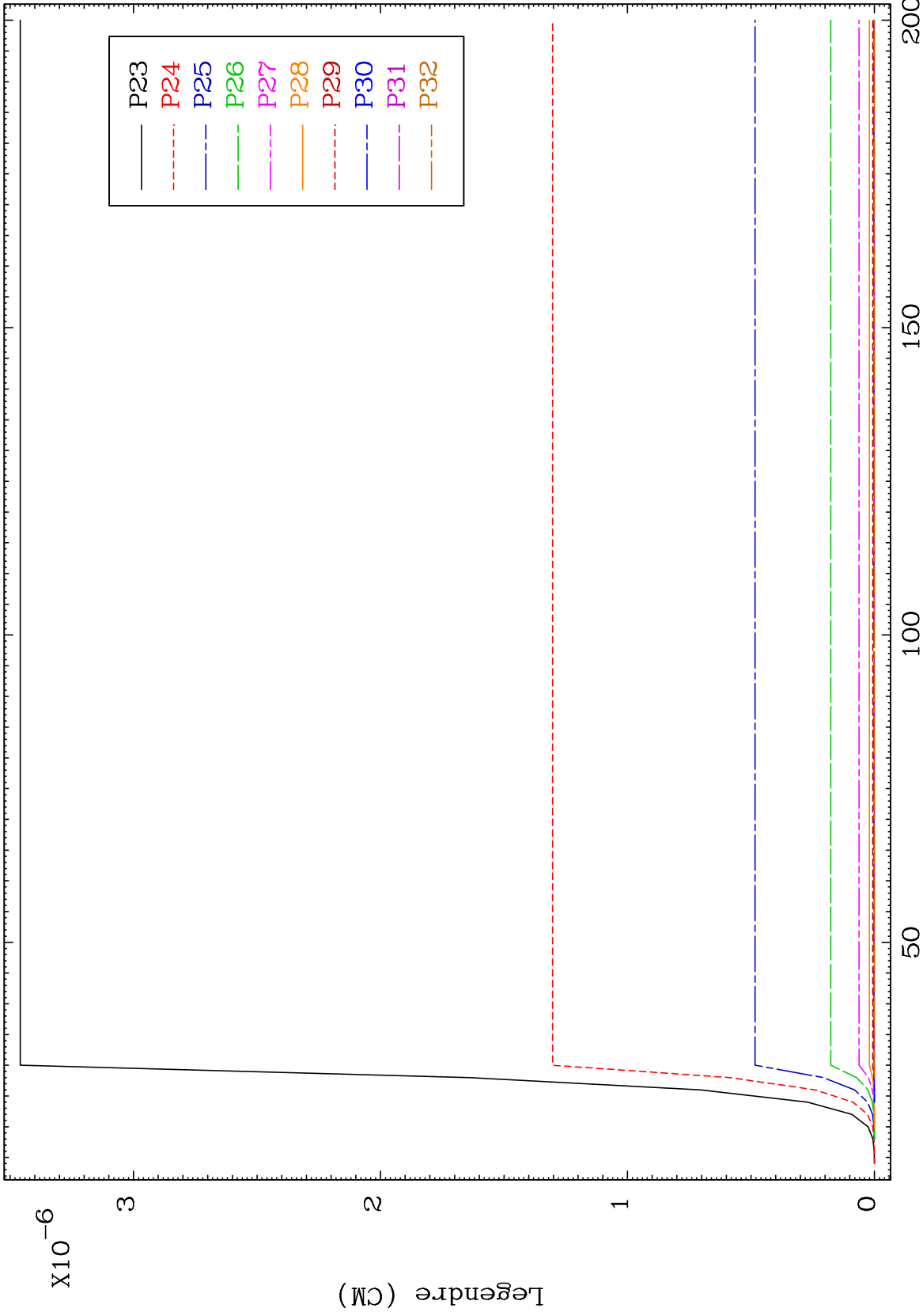
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55

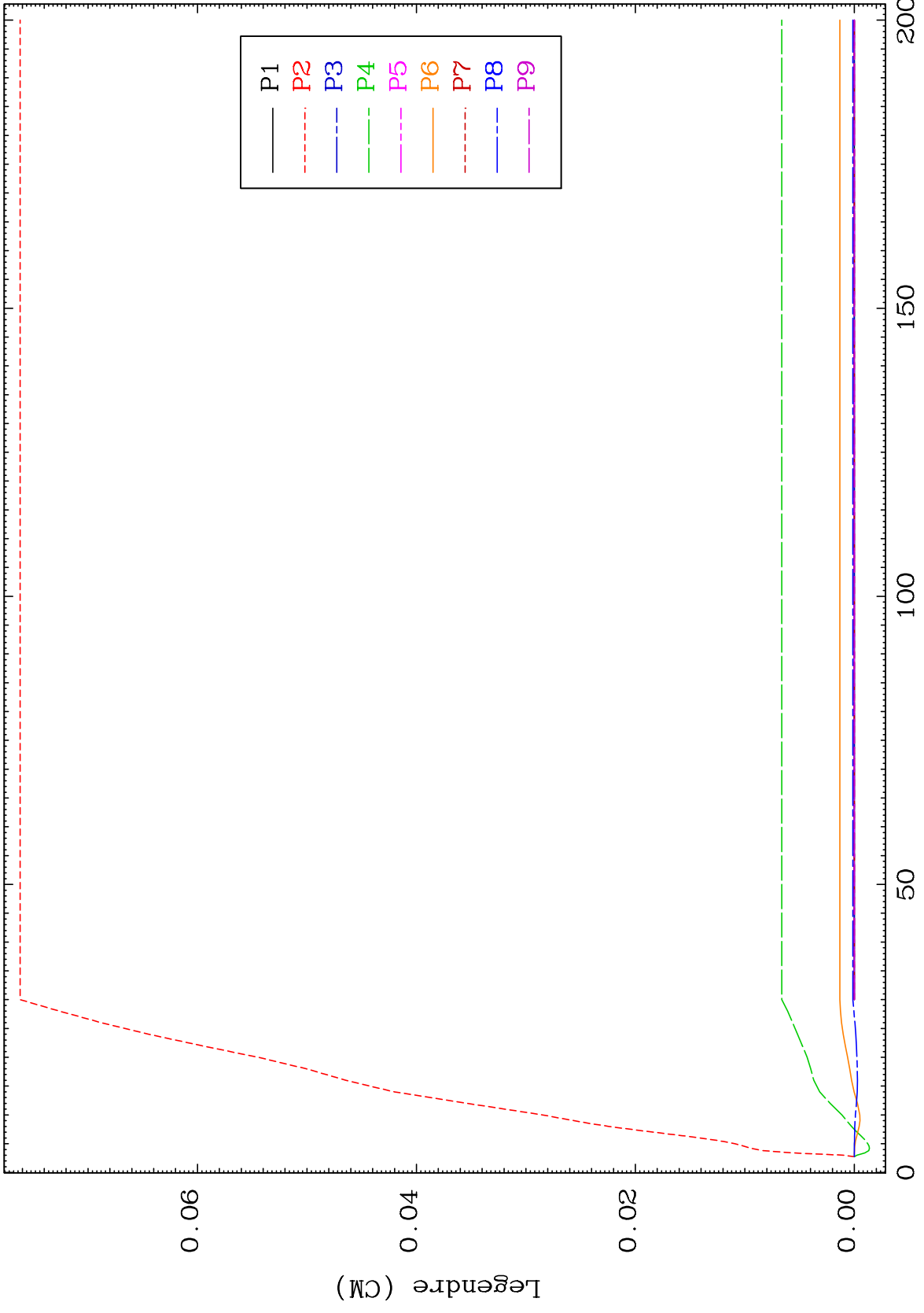


96

Incident Energy (MeV)

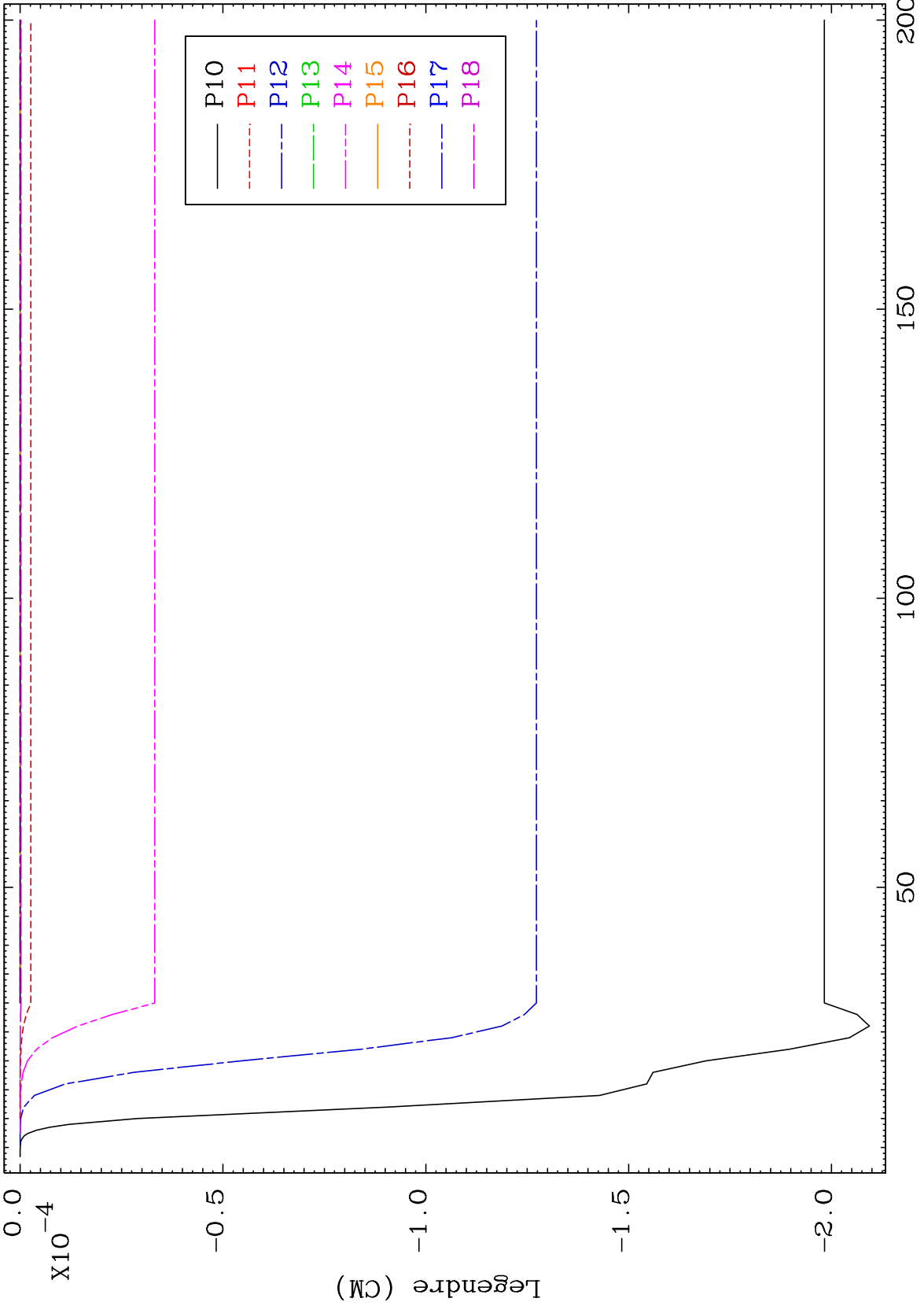
23-V -55

MAT 2340 MT= 77 (n,n') Level Legendre Coefficients 23-V -55

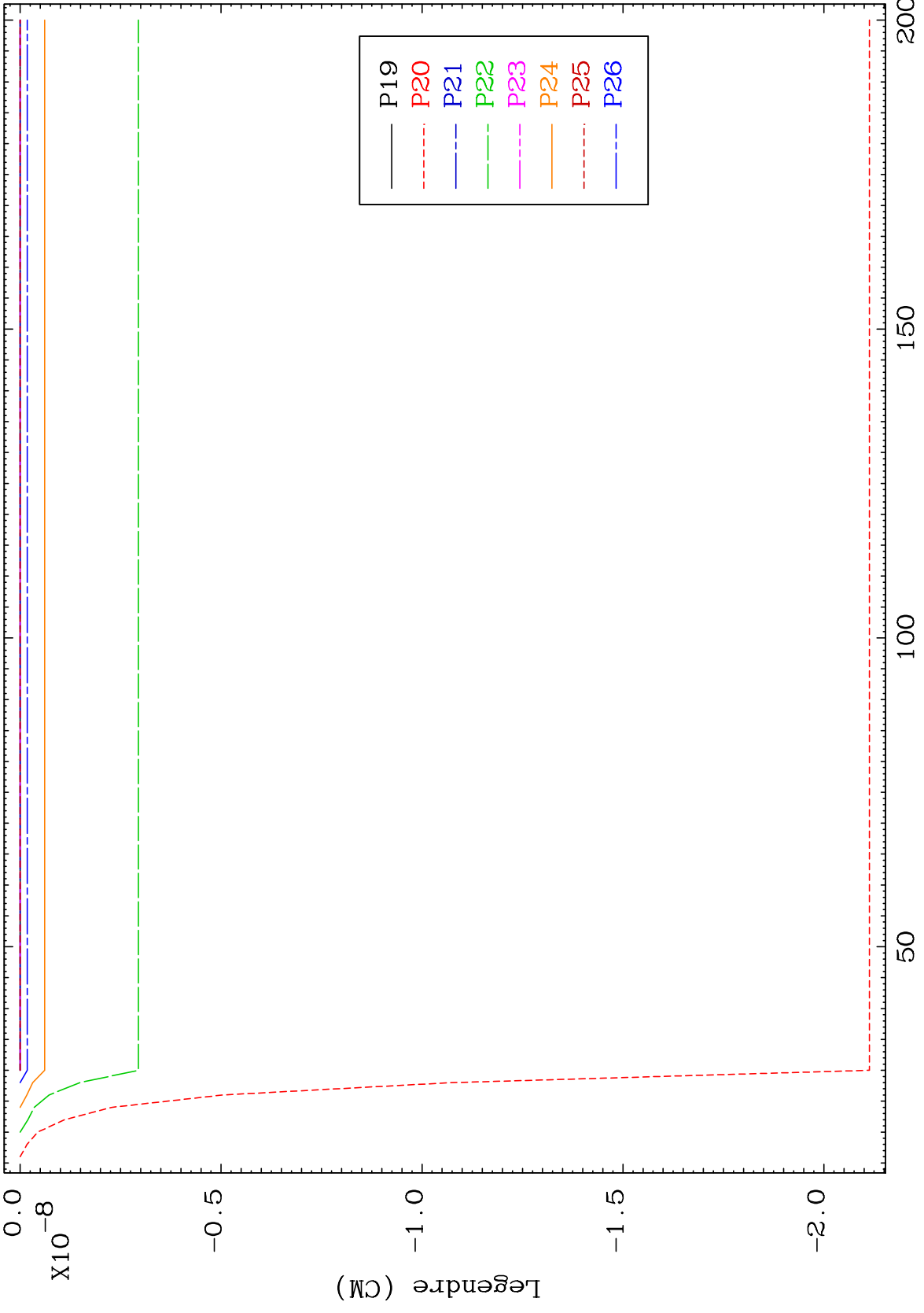


97 23-V -55

MAT 2340 MT= 77 (n,n') Level Legendre Coefficients 23-V -55



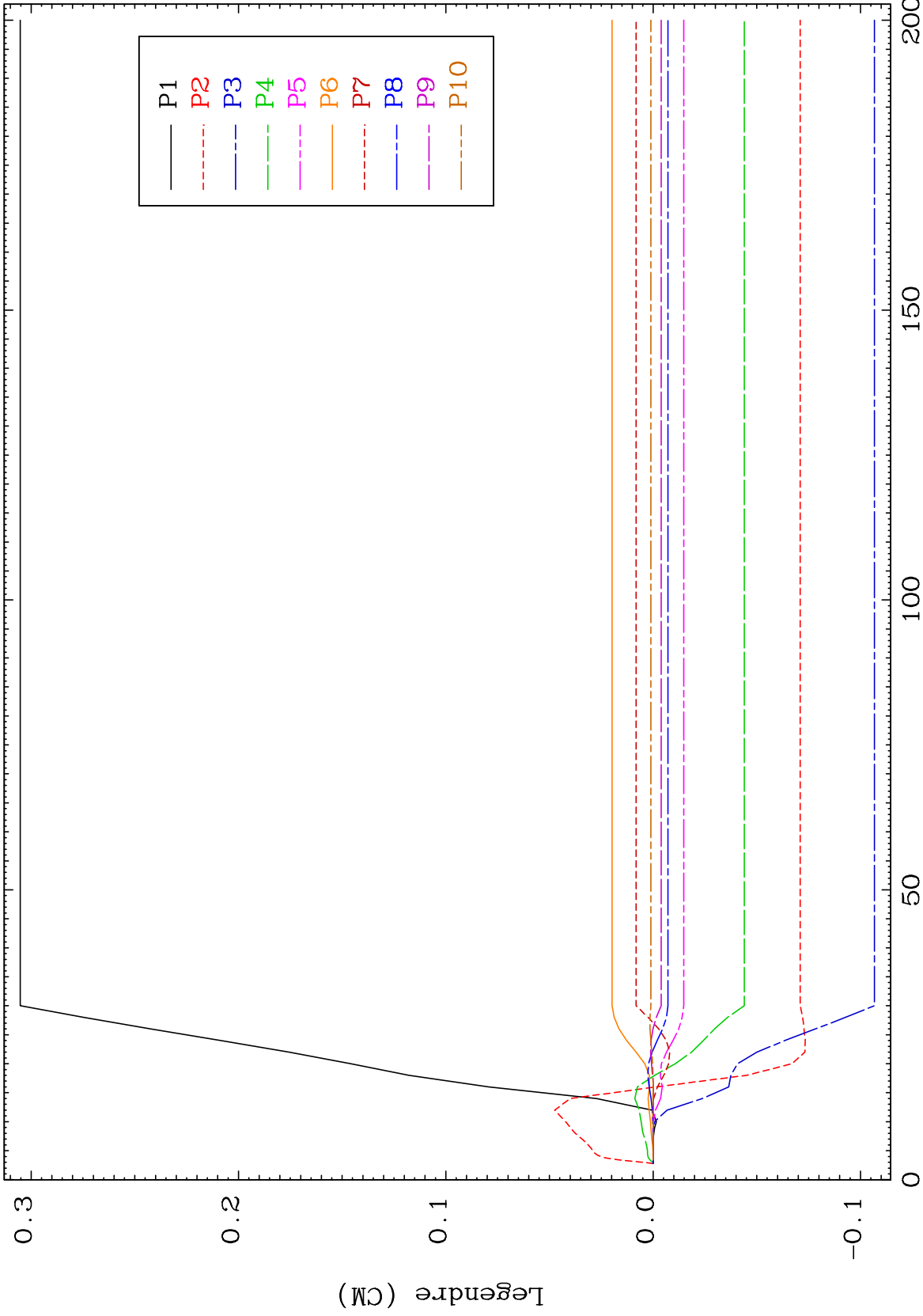
MAT 2340 MT= 77 (n,n') Level Legendre Coefficients 23-V -55



MAT 2340

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

23-V -55



23-V -55

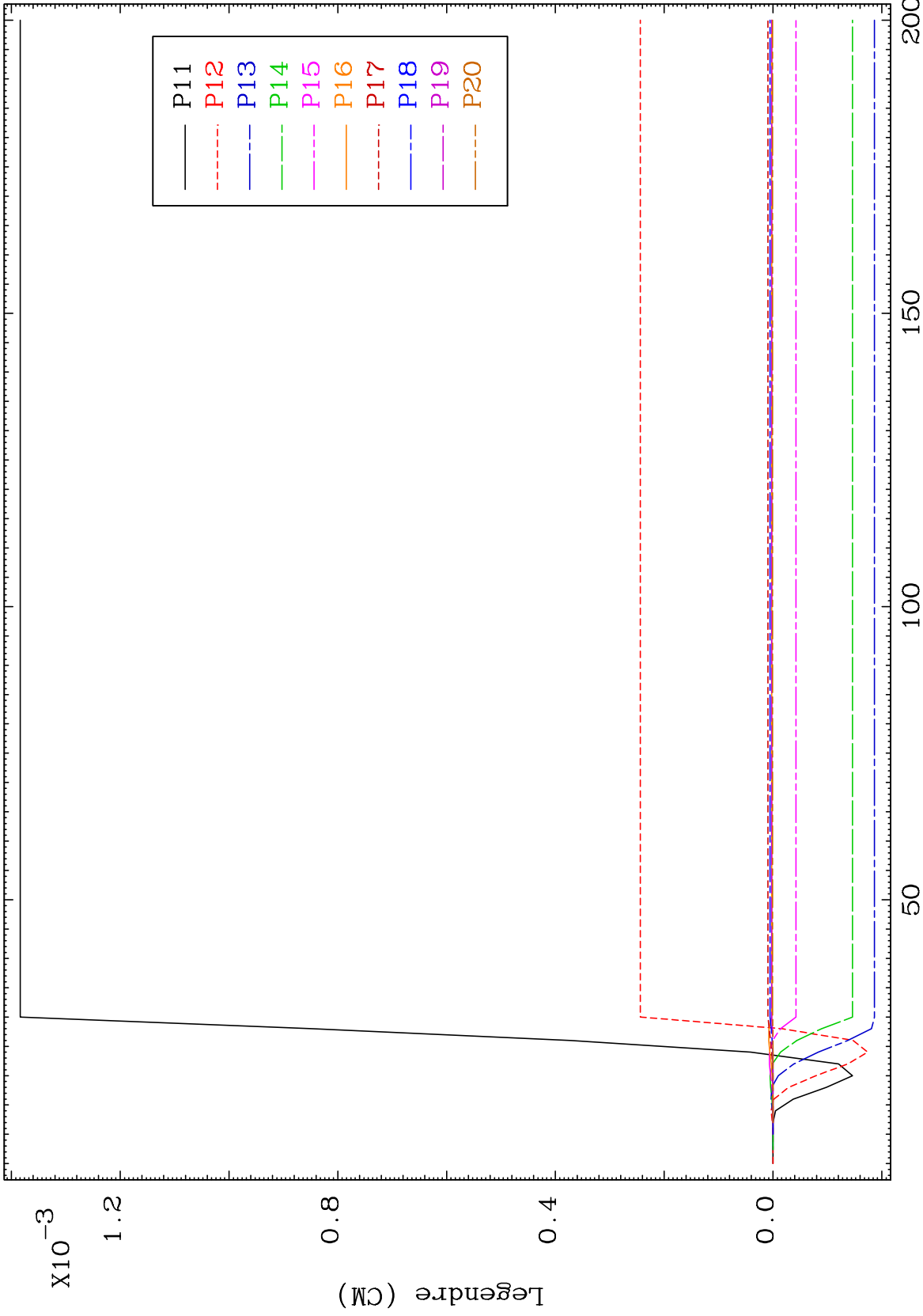
Incident Energy (MeV)

Legendre (CM)

MAT 2340

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

23-V -55



101

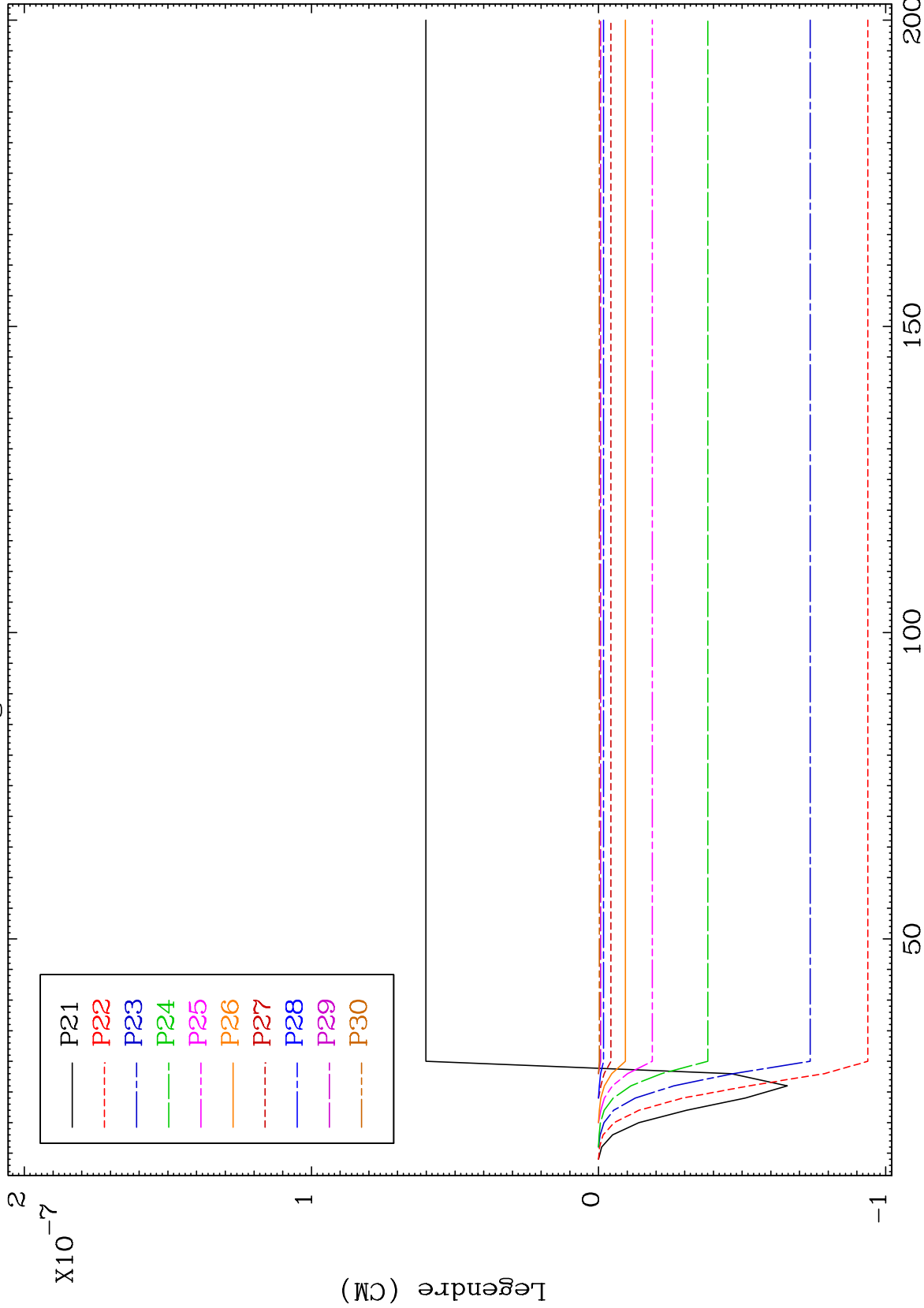
Incident Energy (MeV)

23-V -55

MAT 2340

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

23-V -55

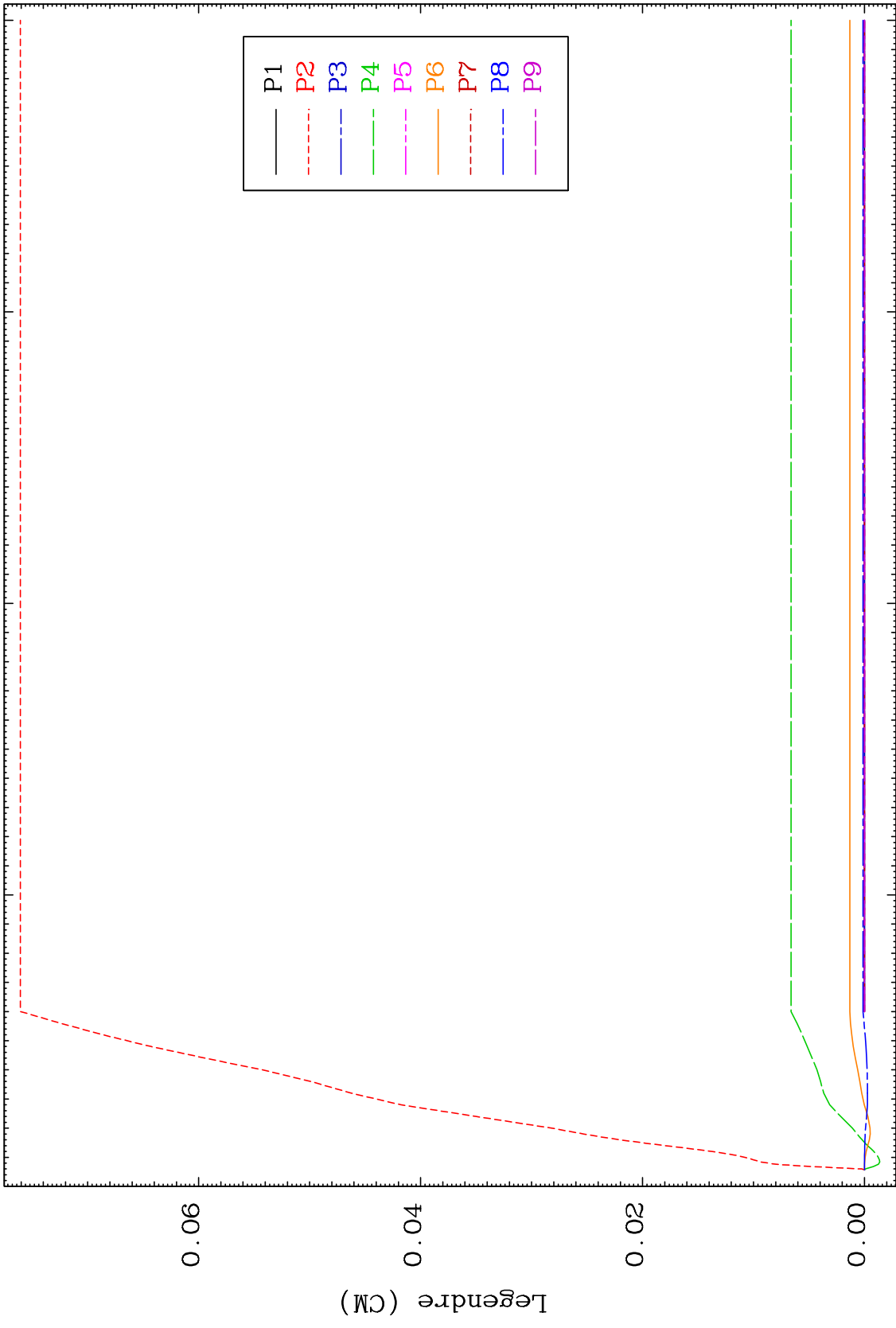


102

Incident Energy (MeV)

23-V -55

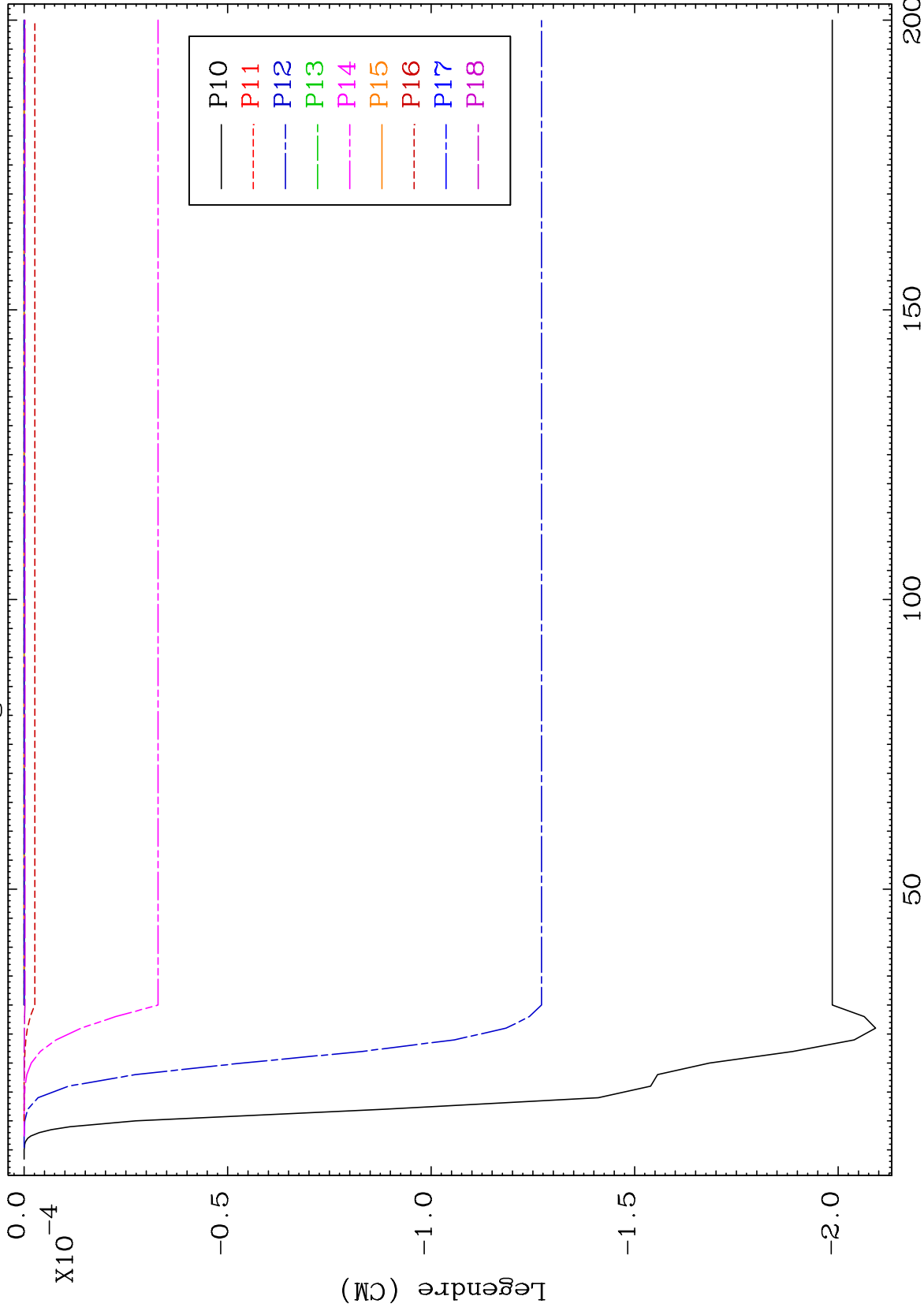
MAT 2340 MT= 79 (n,n') Level Legendre Coefficients 23-V -55



103 Incident Energy (MeV) 23-V -55

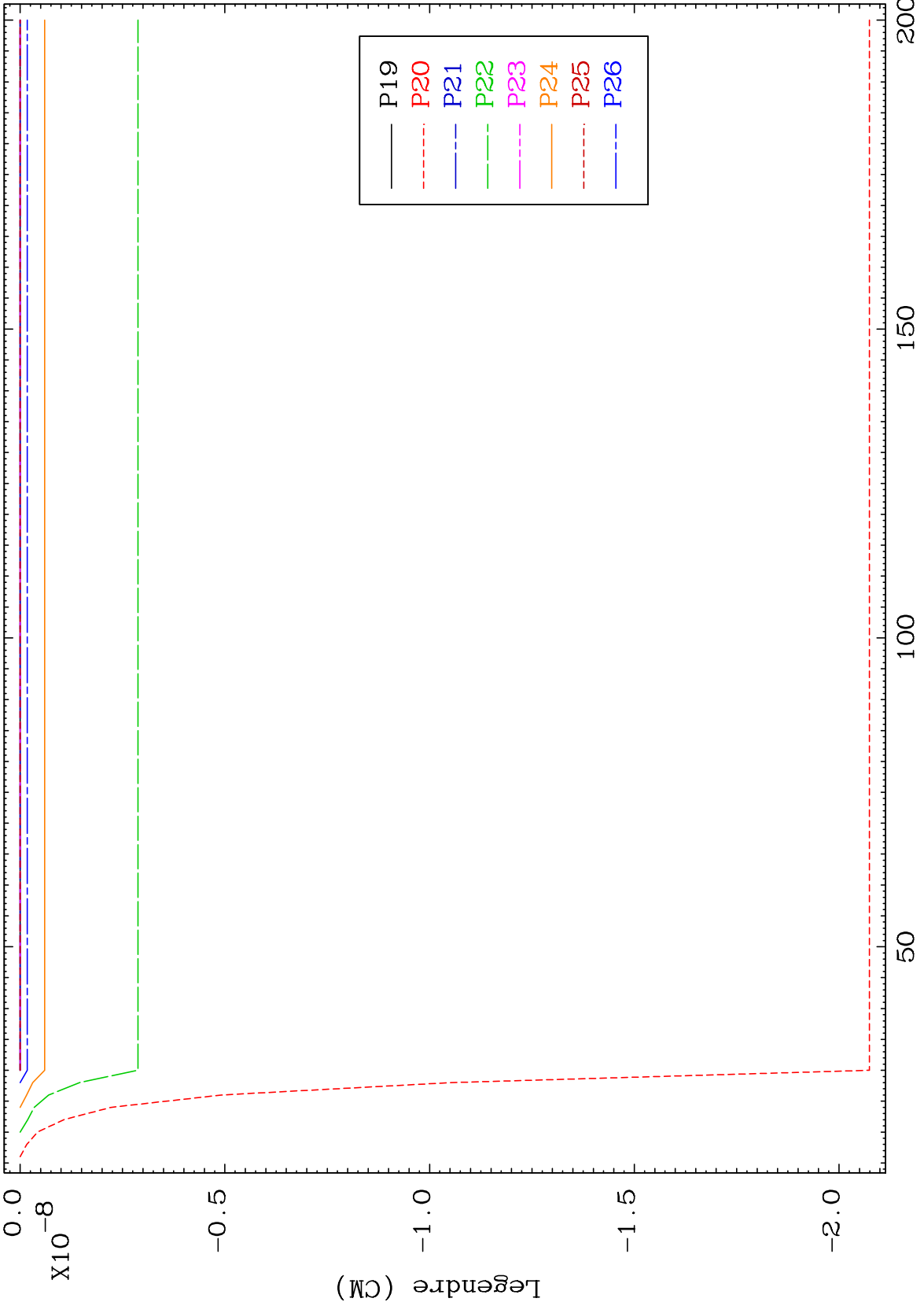
MAT 2340 MT= 79 (n,n') Level Legendre Coefficients

23-V -55



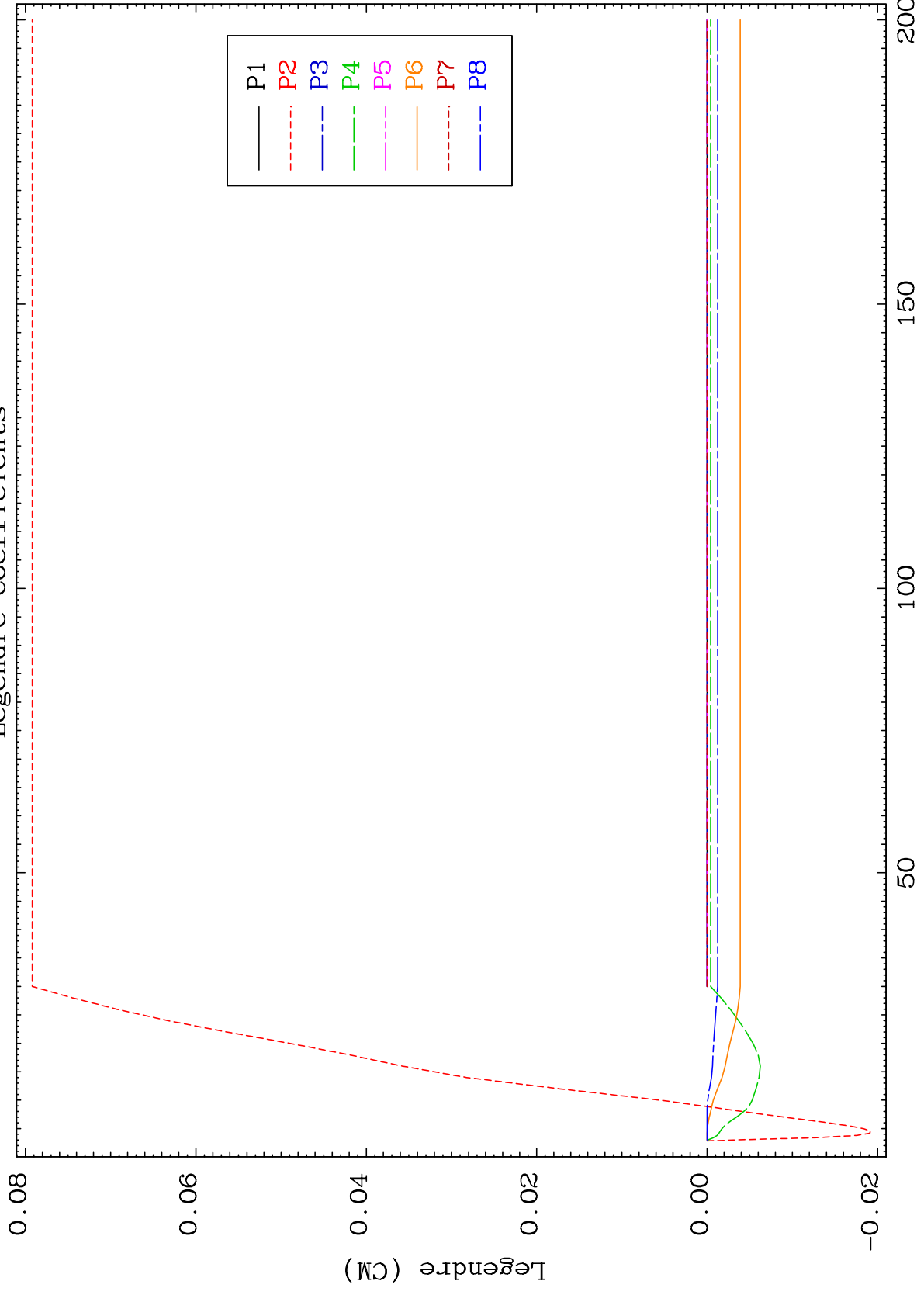
23-V -55

MAT 2340 MT= 79 (n,n') Level Legendre Coefficients 23-V -55

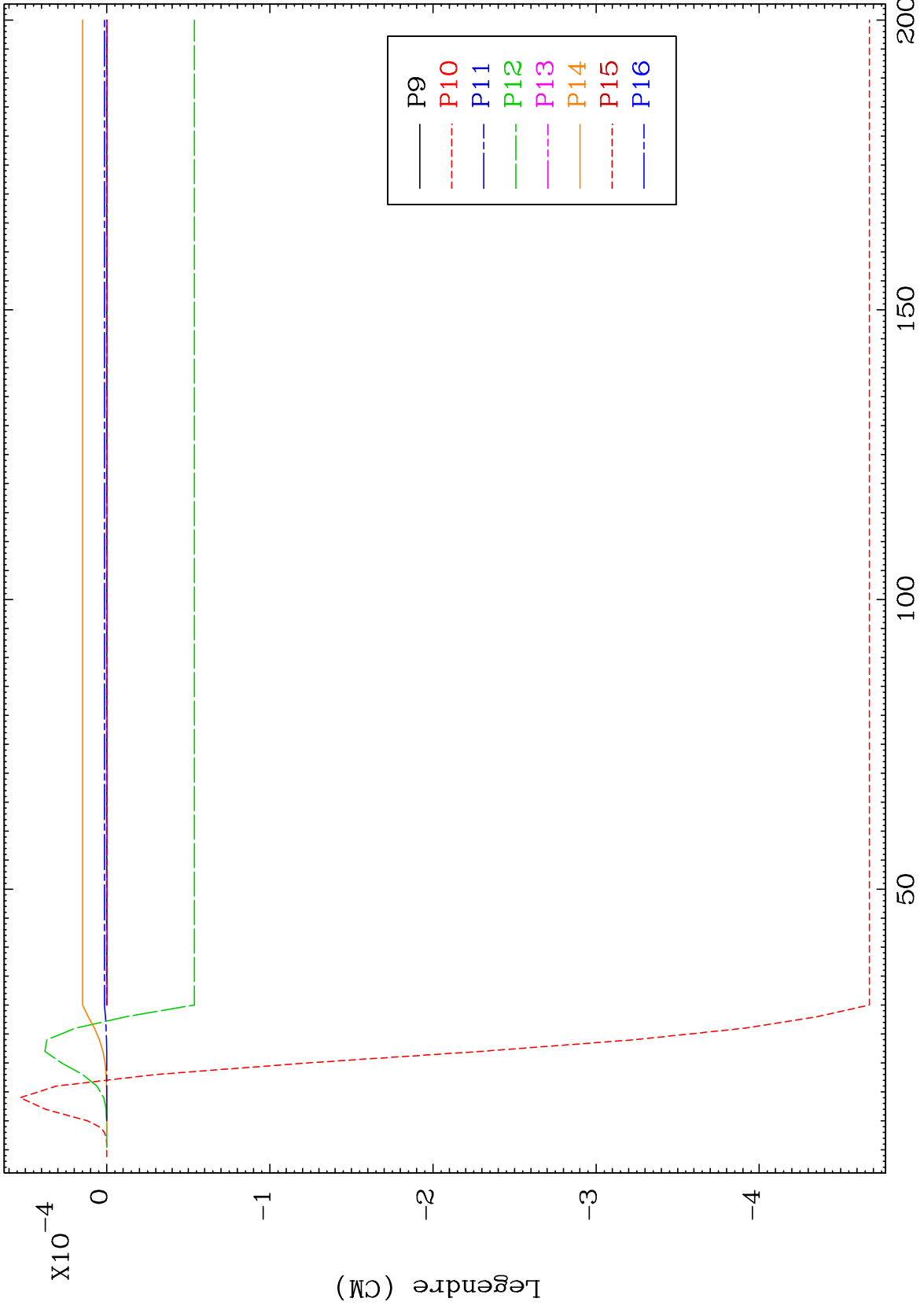


105 Incident Energy (MeV) 23-V -55

MAT 2340 MT= 80 (n,n') Level Legendre Coefficients 23-V -55

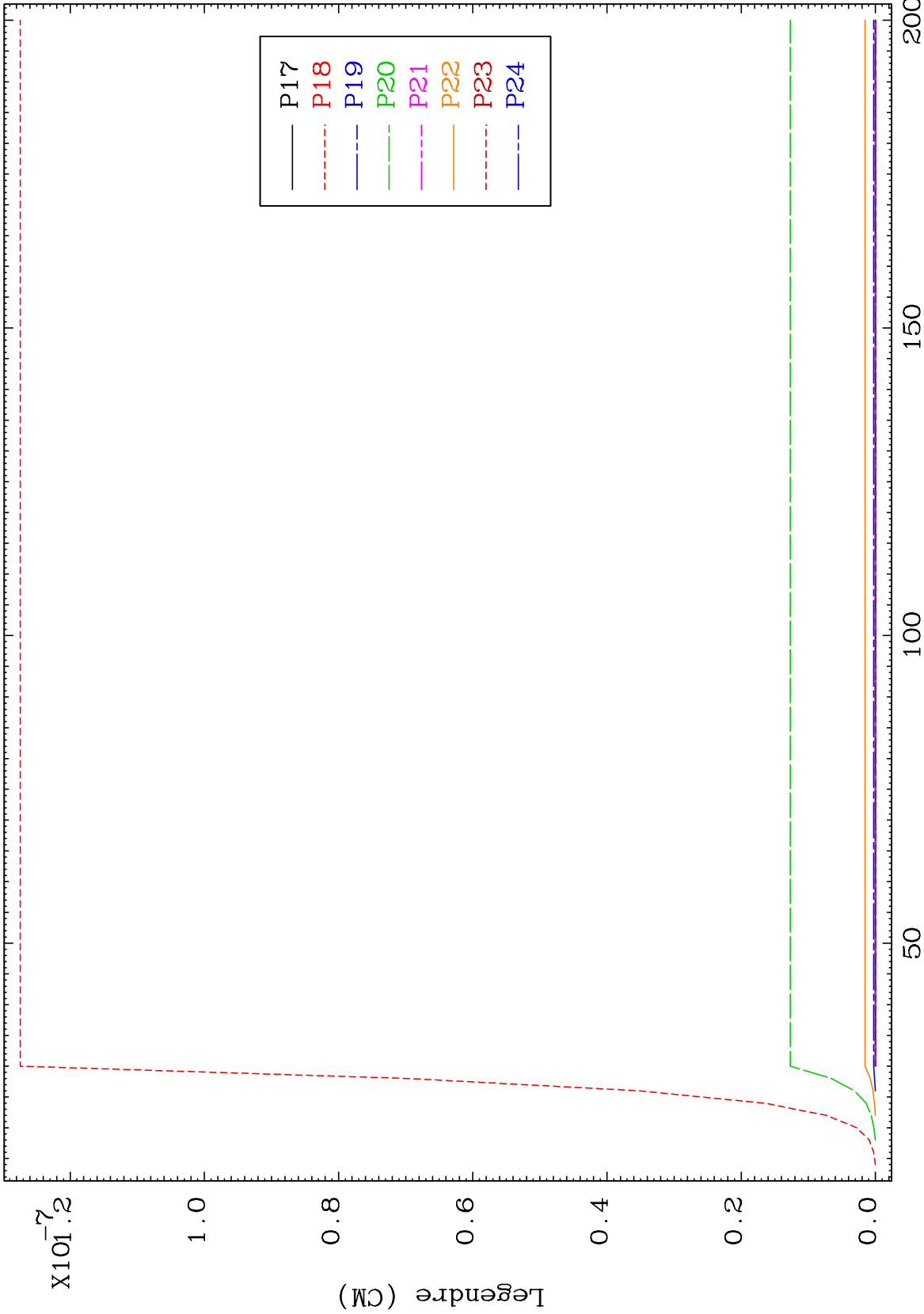


106 Incident Energy (MeV) 23-V -55



MAT 2340 MT= 80 (n,n') Level Legendre Coefficients

23-V -55



23-V -55

Incident Energy (MeV)

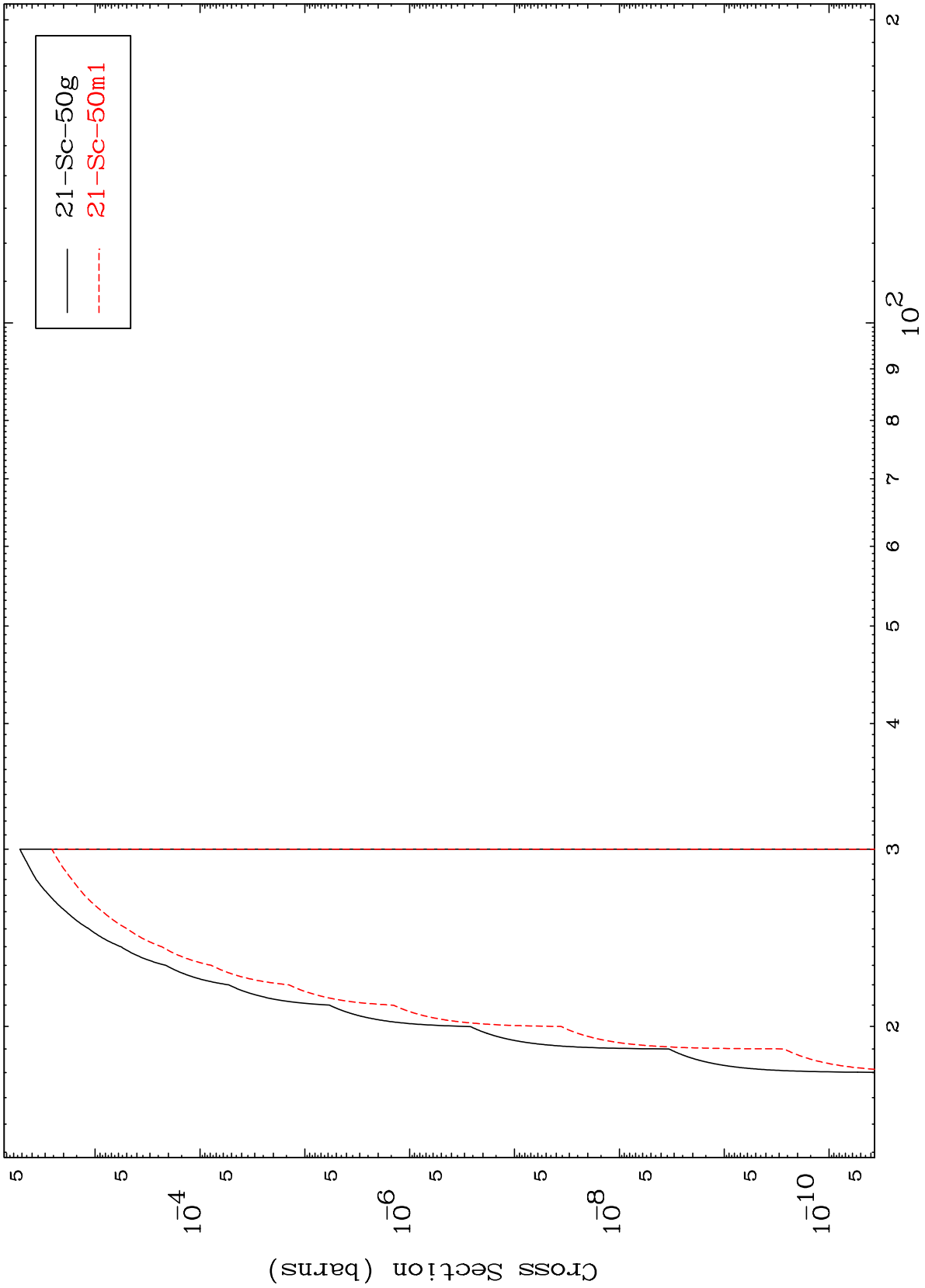
108

MAT 2340

(n,2n) α

23-V -55

Radionuclide Production Cross Section



109

Incident Energy (MeV)

23-V -55