

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

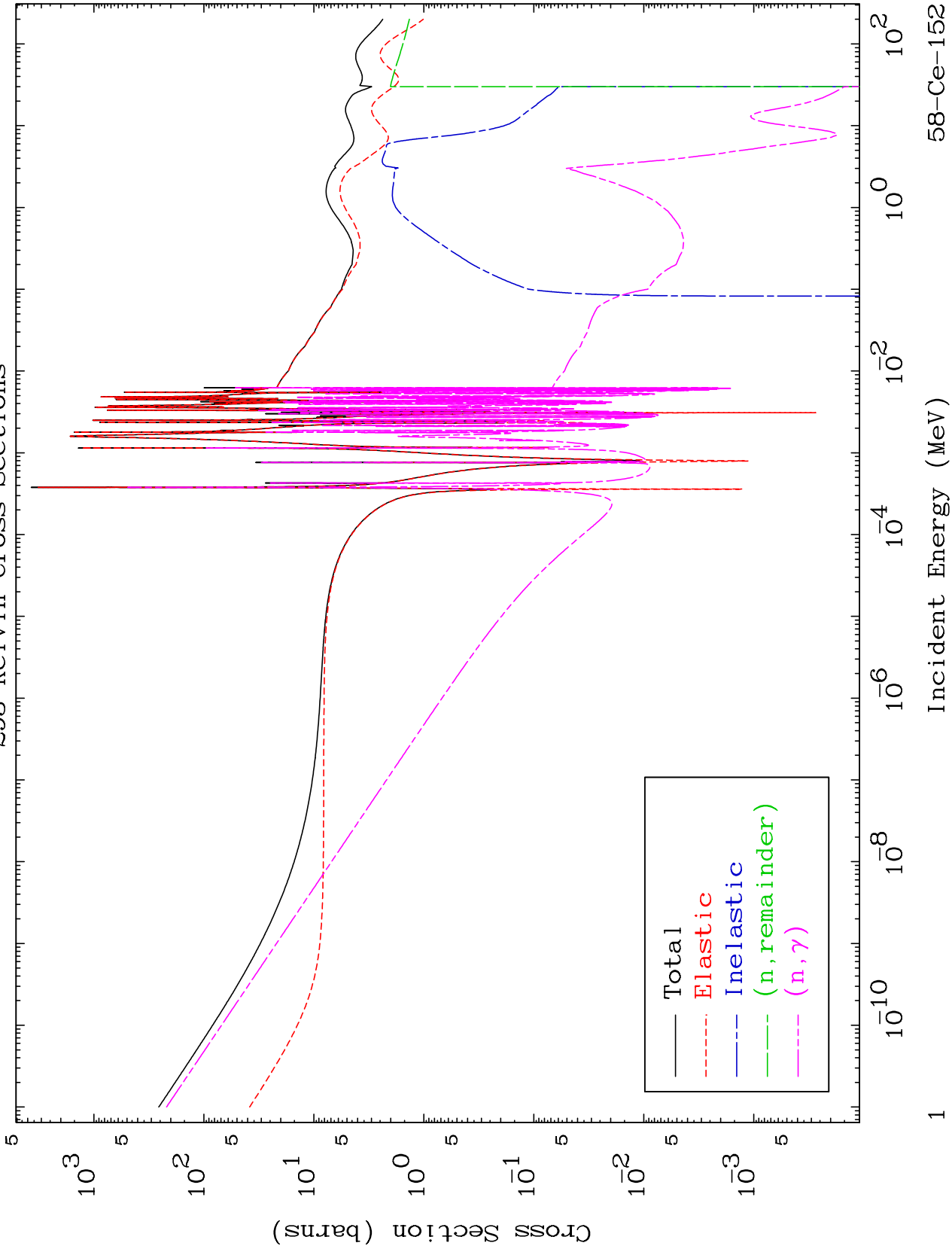
Press Mouse Button to Start

MAT 5873

Major

293 Kelvin Cross Sections

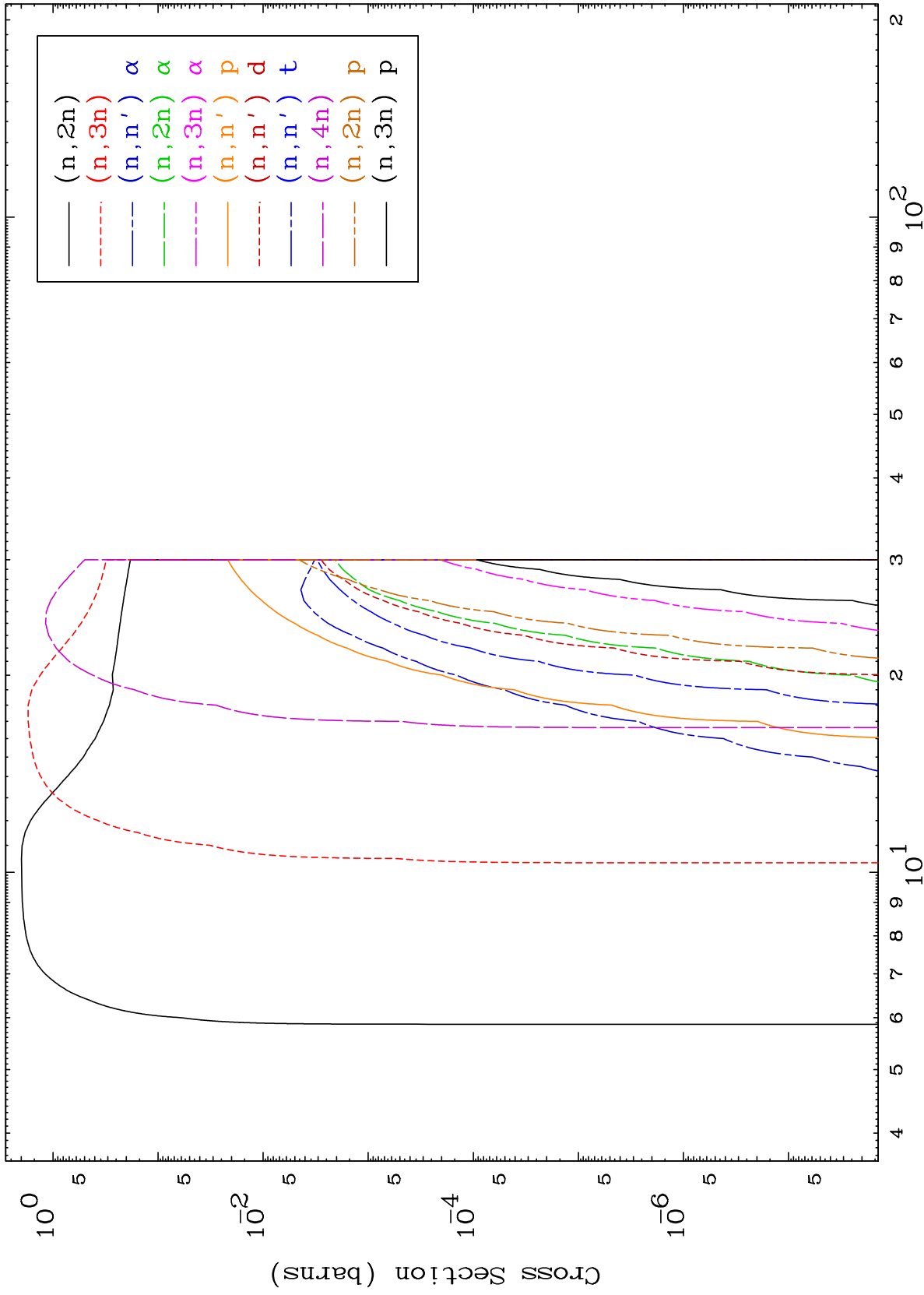
58-Ce-152



MAT 5873

Neutron Production
293 Kelvin Cross Sections

58-Ce-152



2

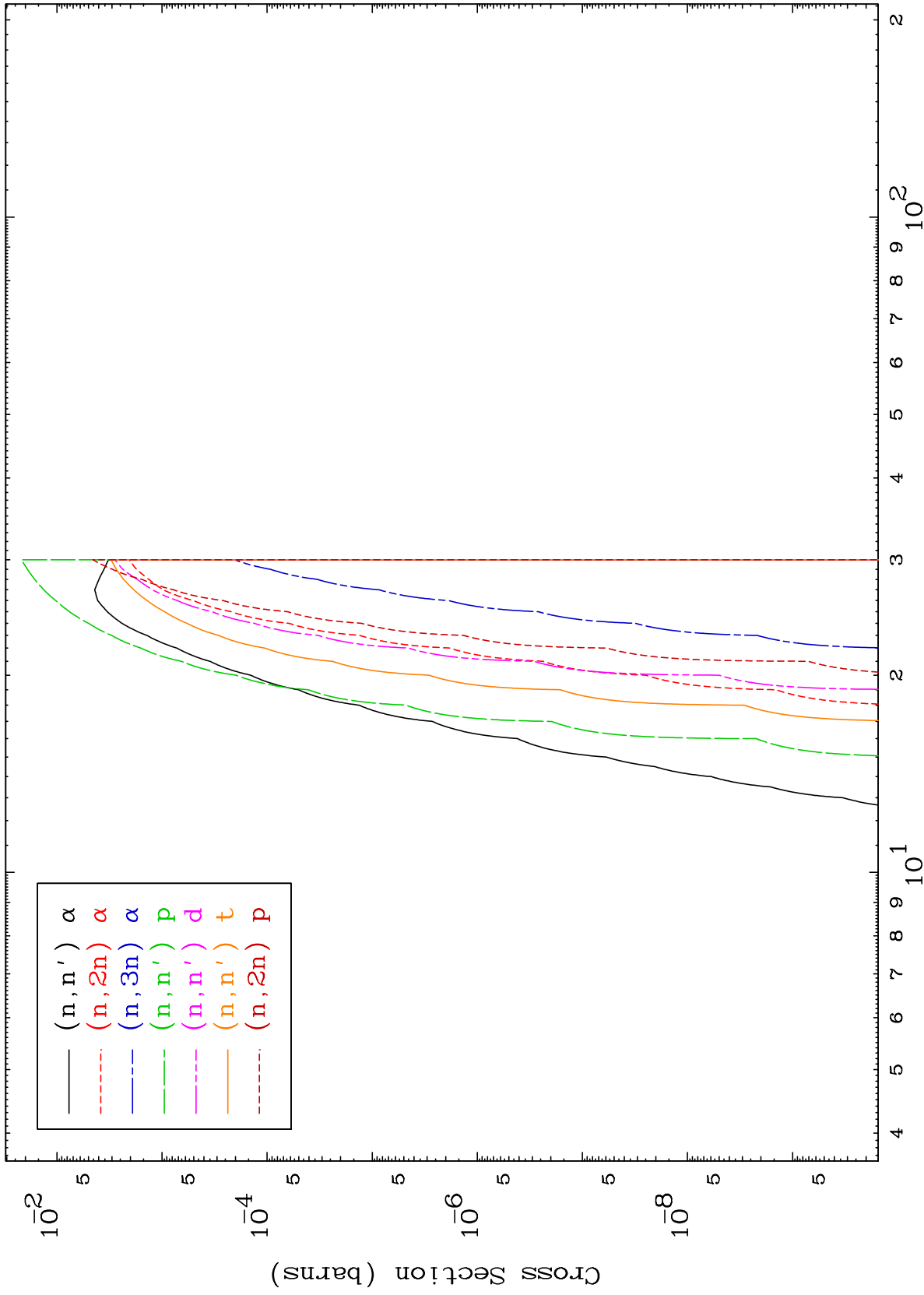
Incident Energy (MeV)

58-Ce-152

MAT 5873

Charged Particle
293 Kelvin Cross Sections

58-Ce-152



3

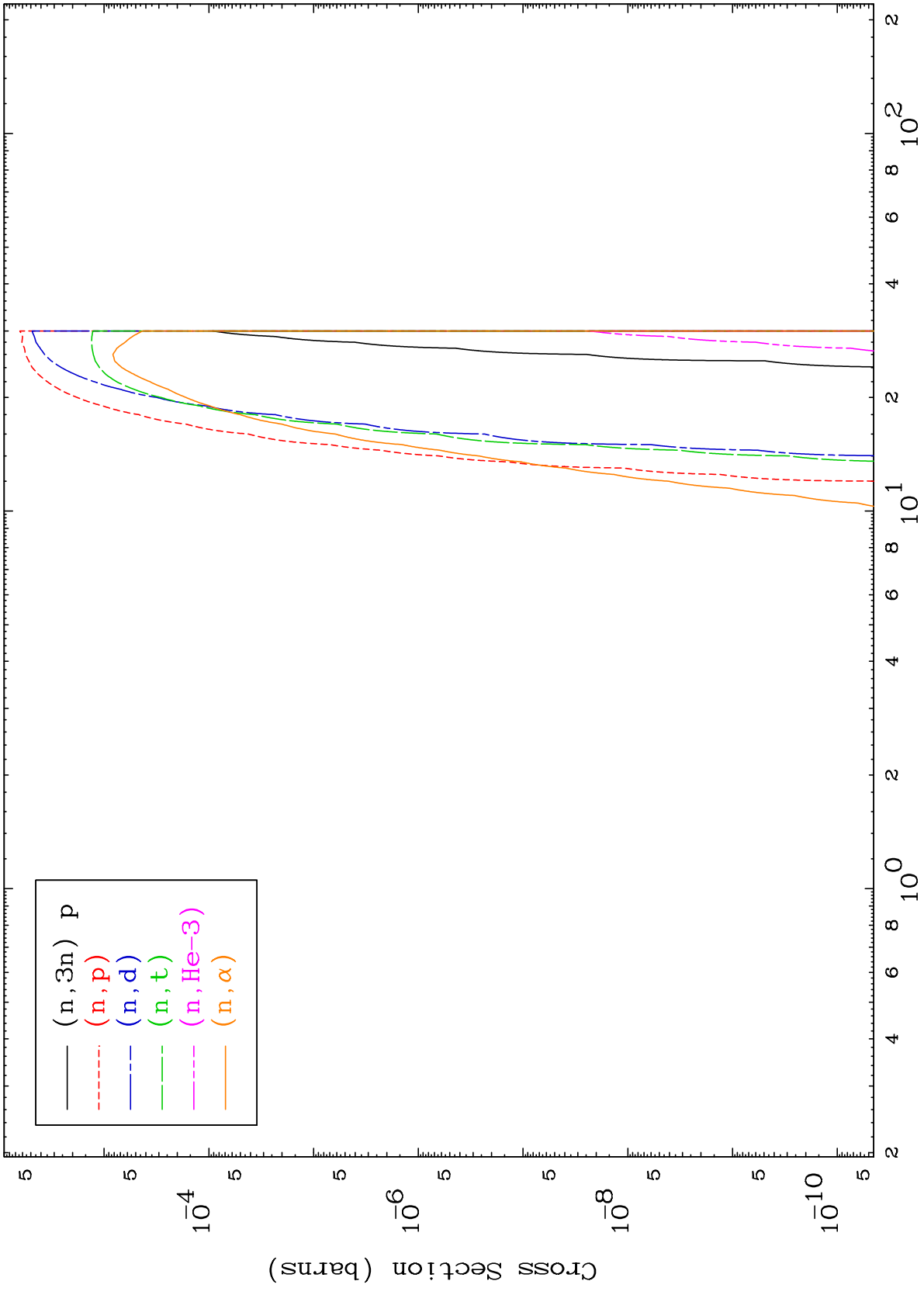
Incident Energy (MeV)

58-Ce-152

MAT 5873

293 Charged Particle
Kelvin Cross Sections

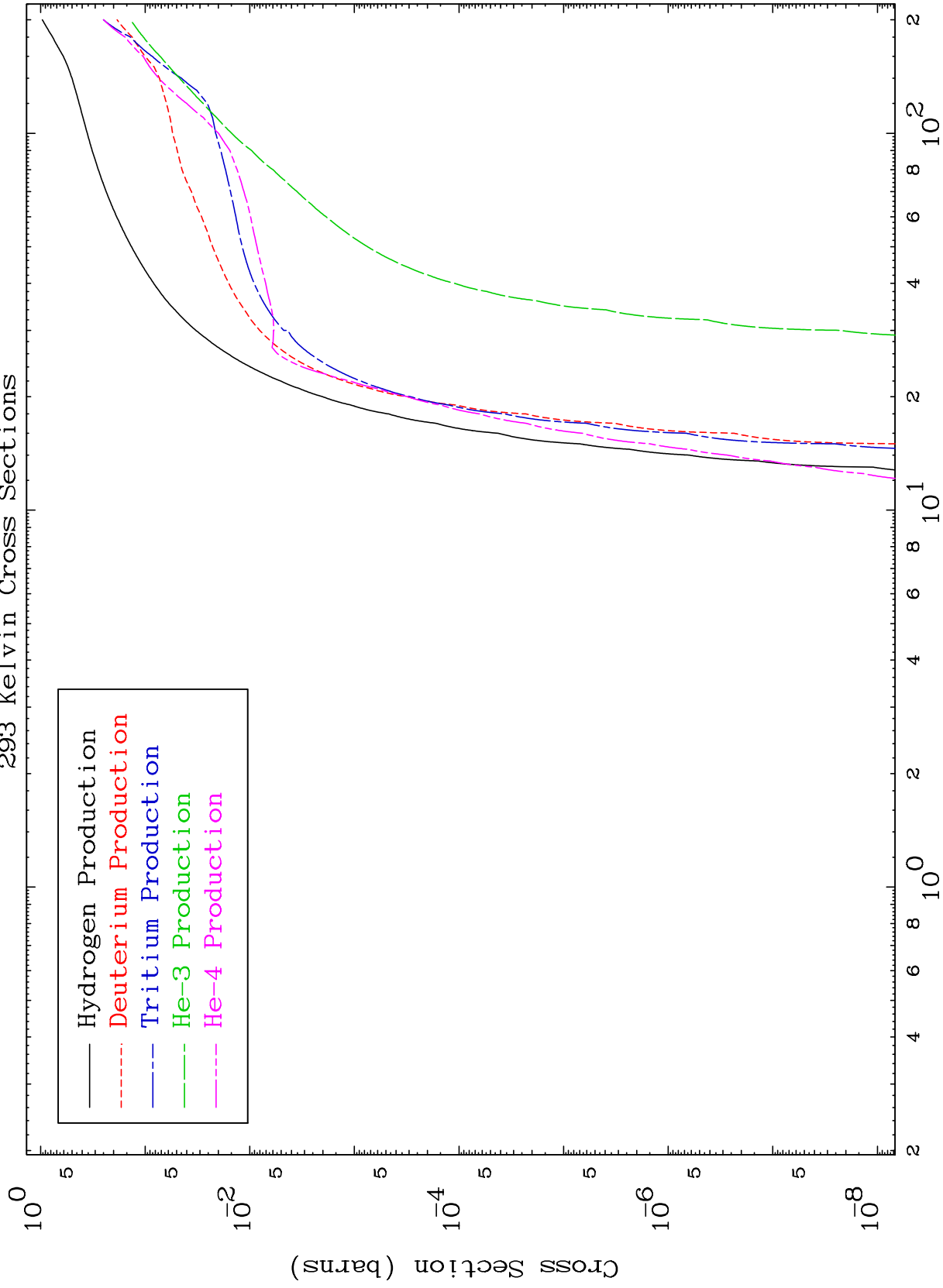
58-Ce-152



MAT 5873

Particle Production
293 Kelvin Cross Sections

58-Ce-152



5

Incident Energy (MeV)

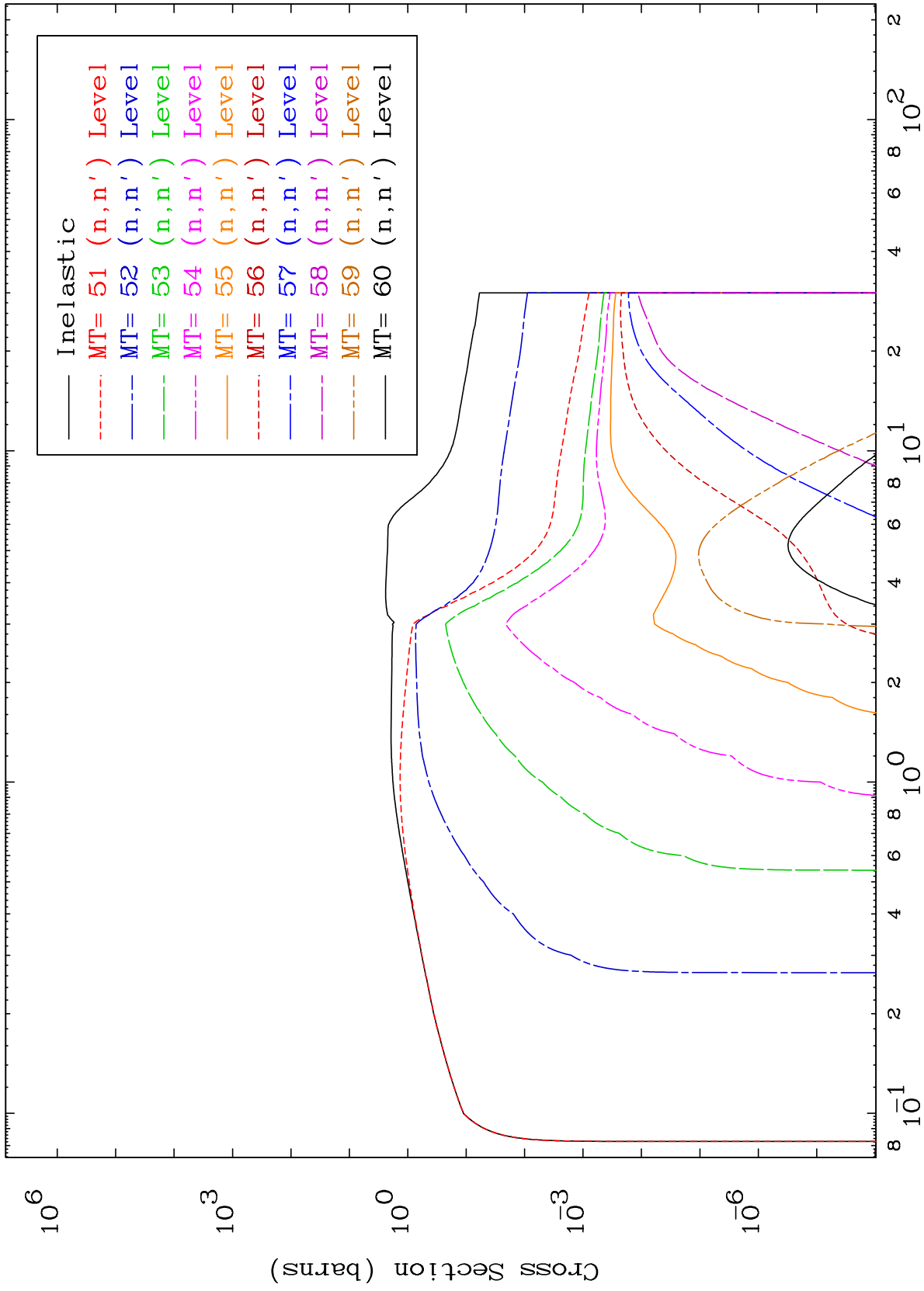
58-Ce-152

MAT 5873

(n,n') Level

58-Ce-152

293 Kelvin Cross Sections



6

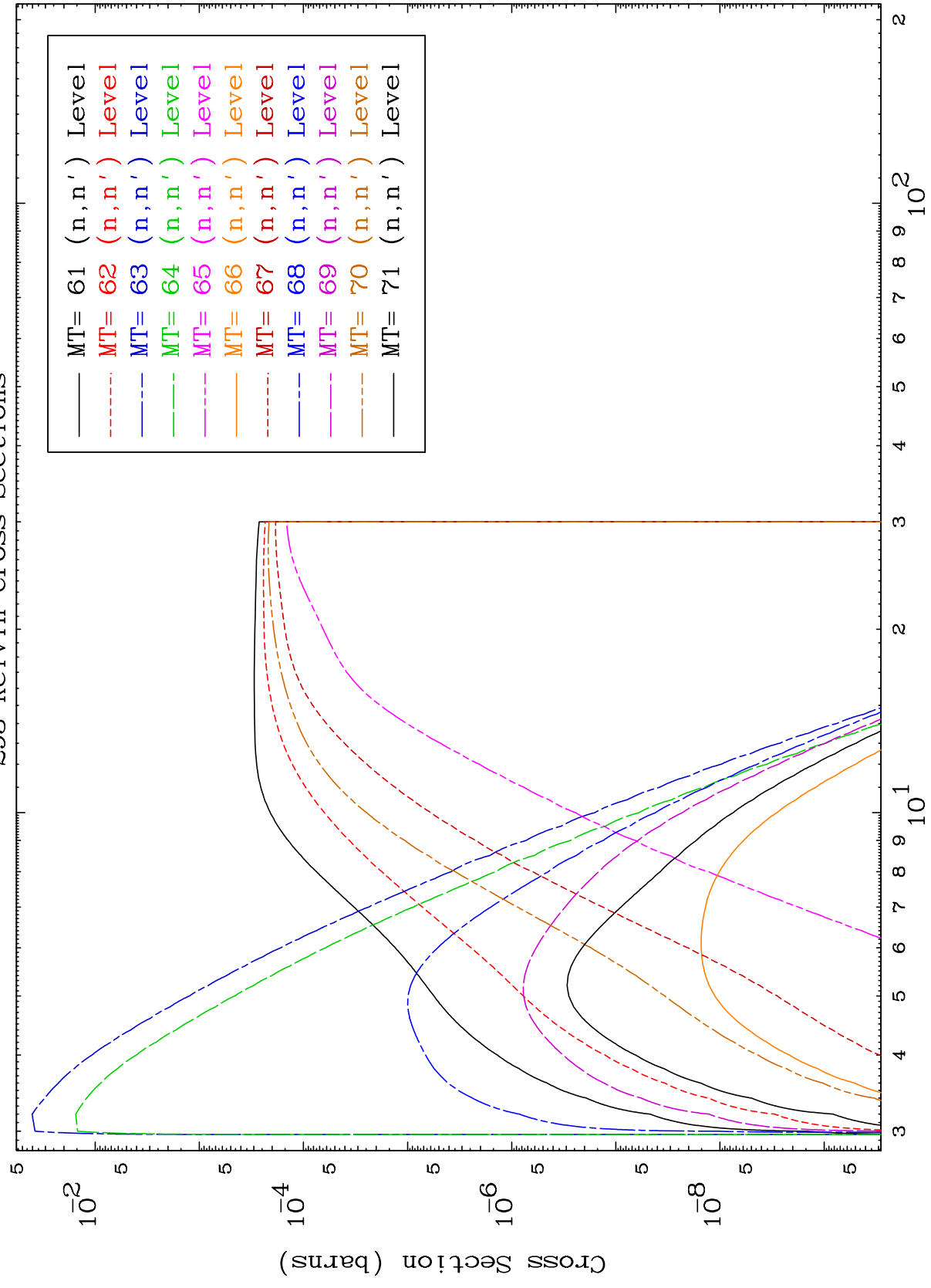
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,n') Level
293 Kelvin Cross Sections

58-Ce-152



7

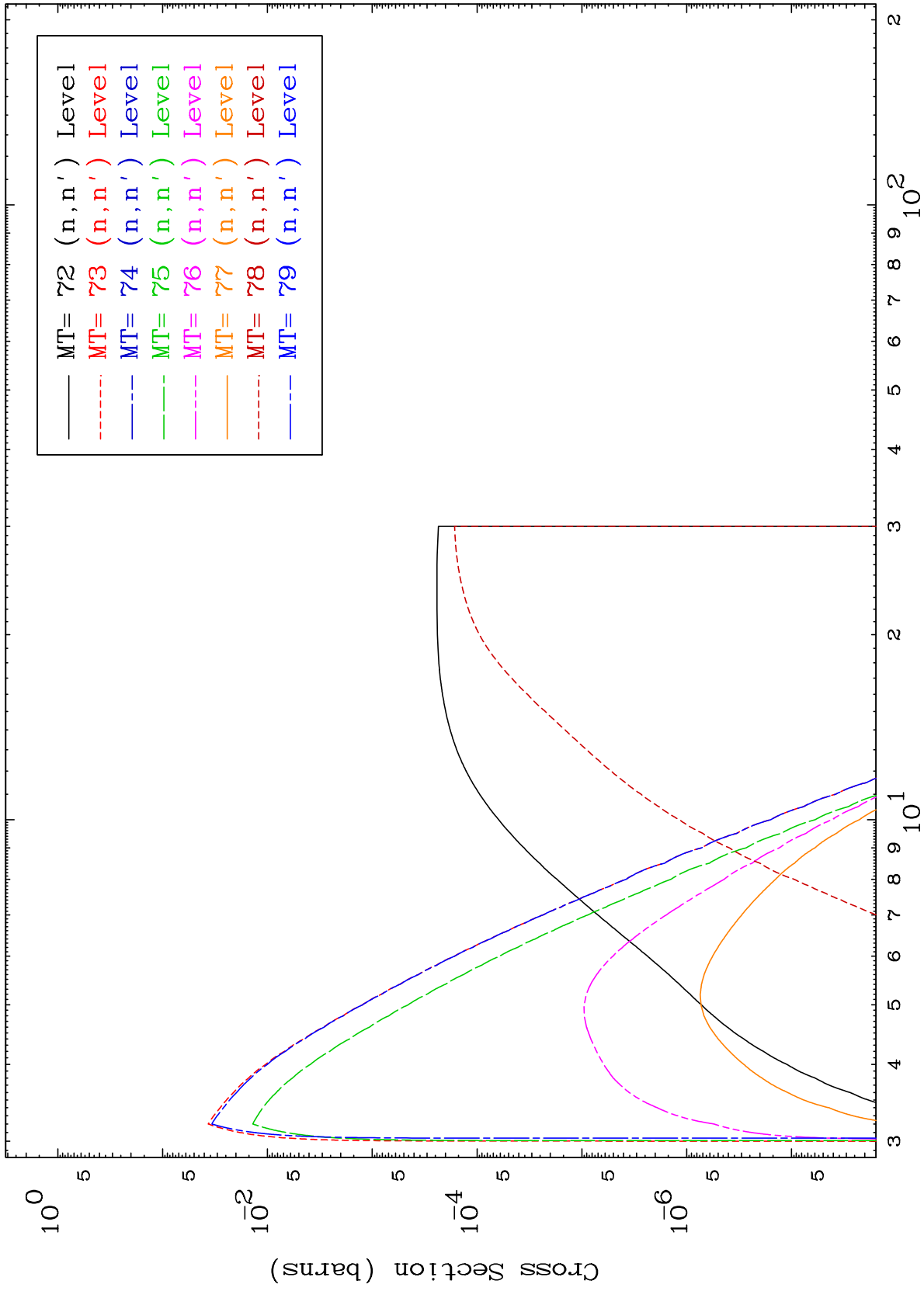
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,n') Level
293 Kelvin Cross Sections

58-Ce-152



8

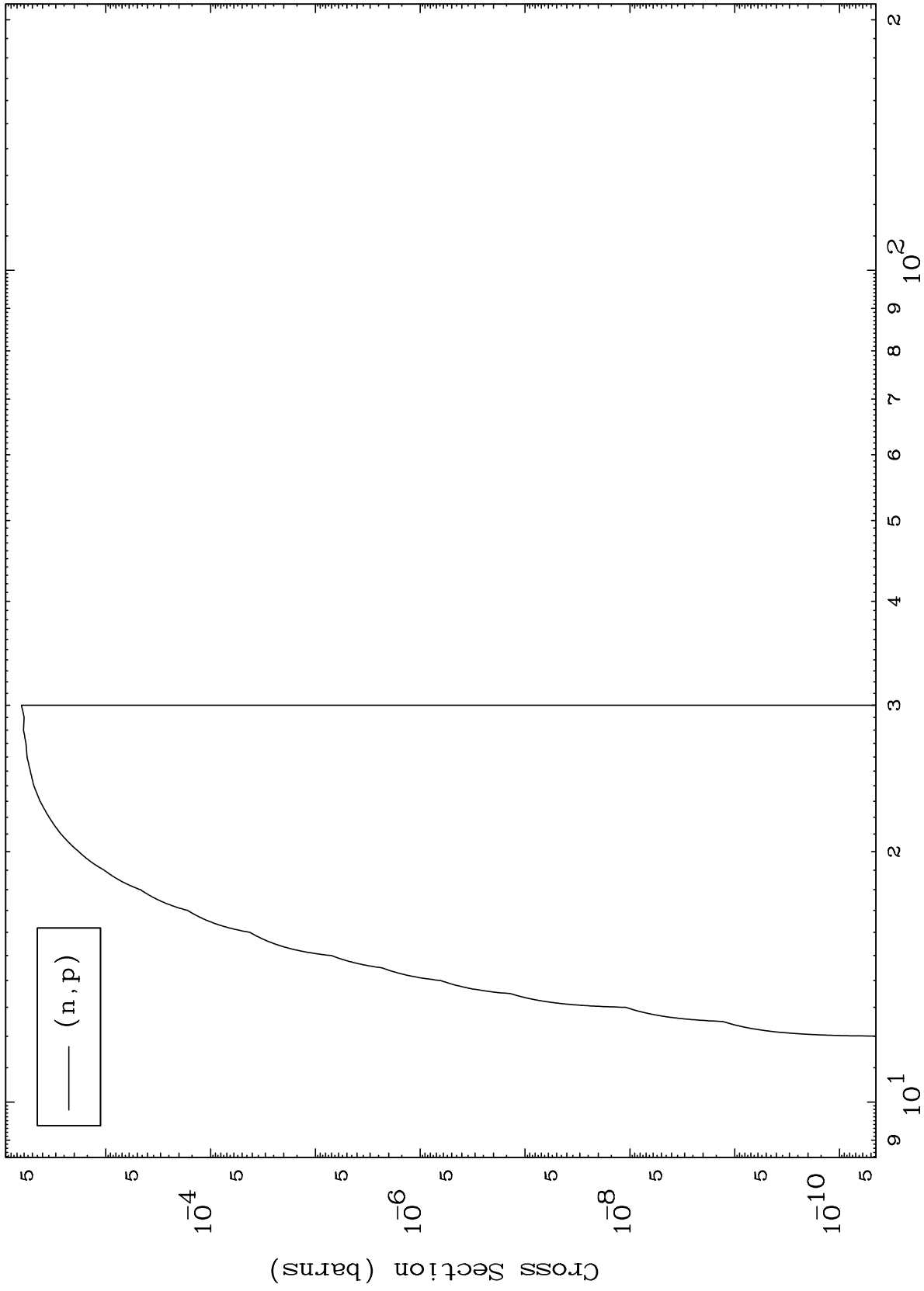
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-152



9

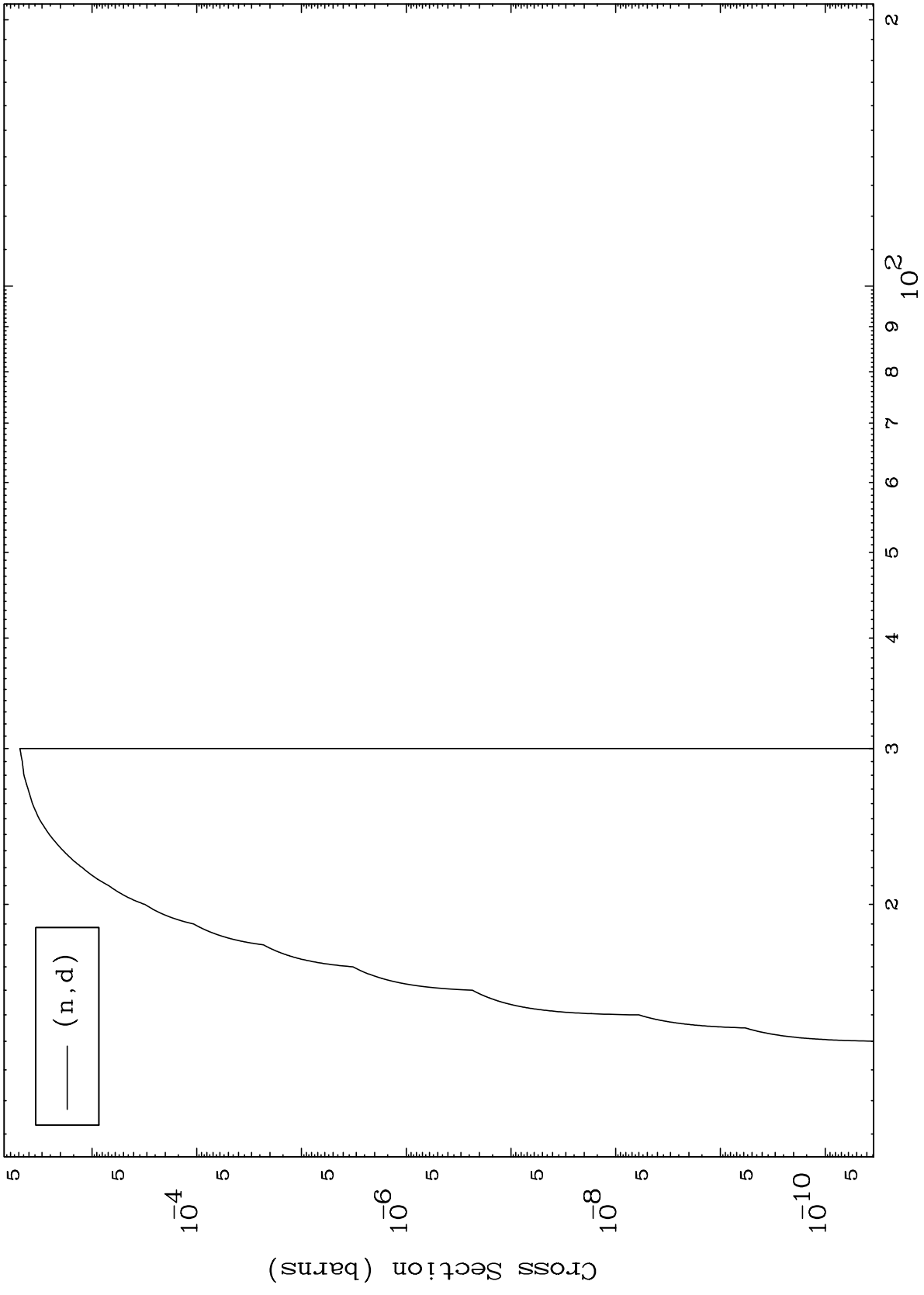
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-152



10

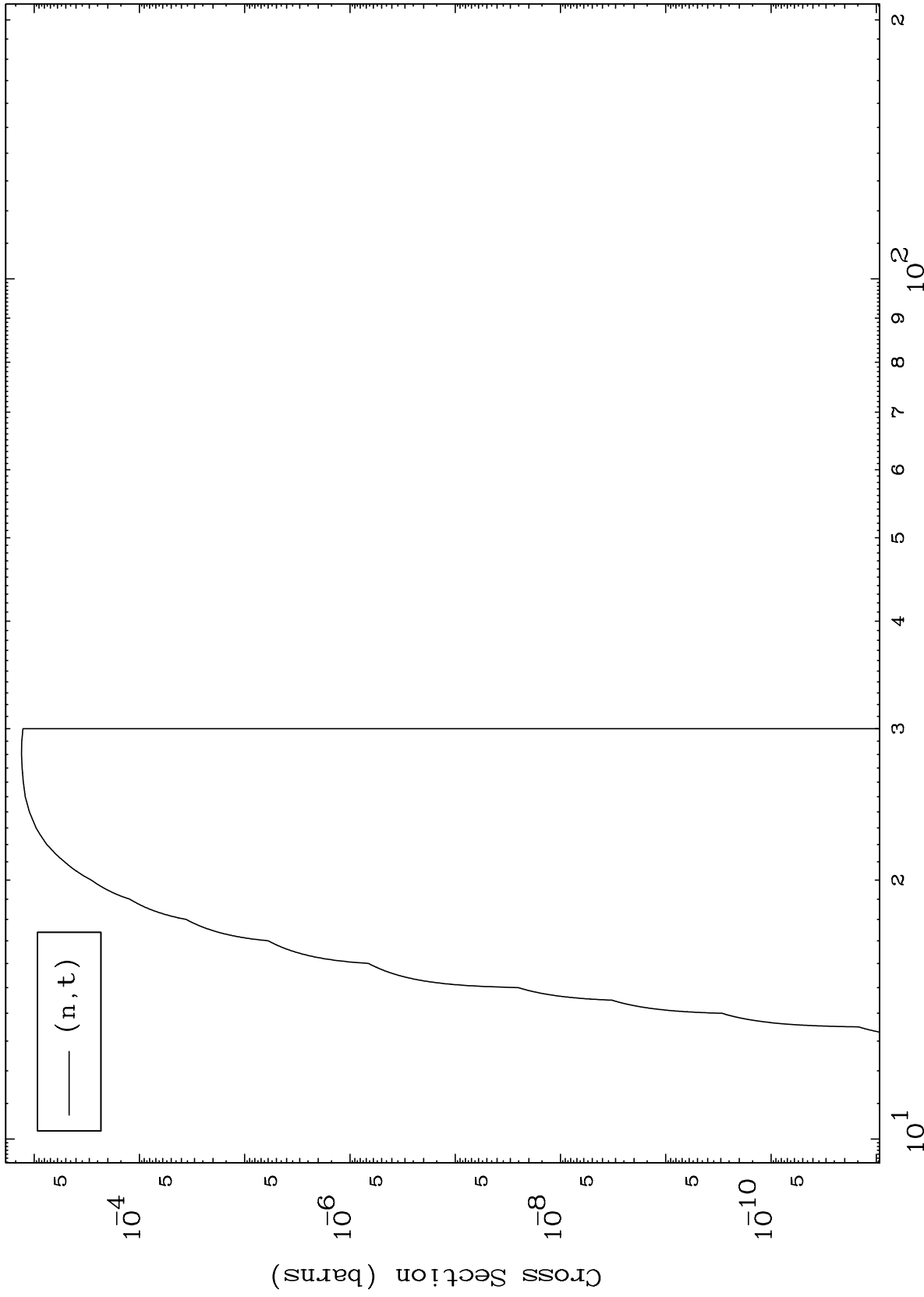
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-152



11

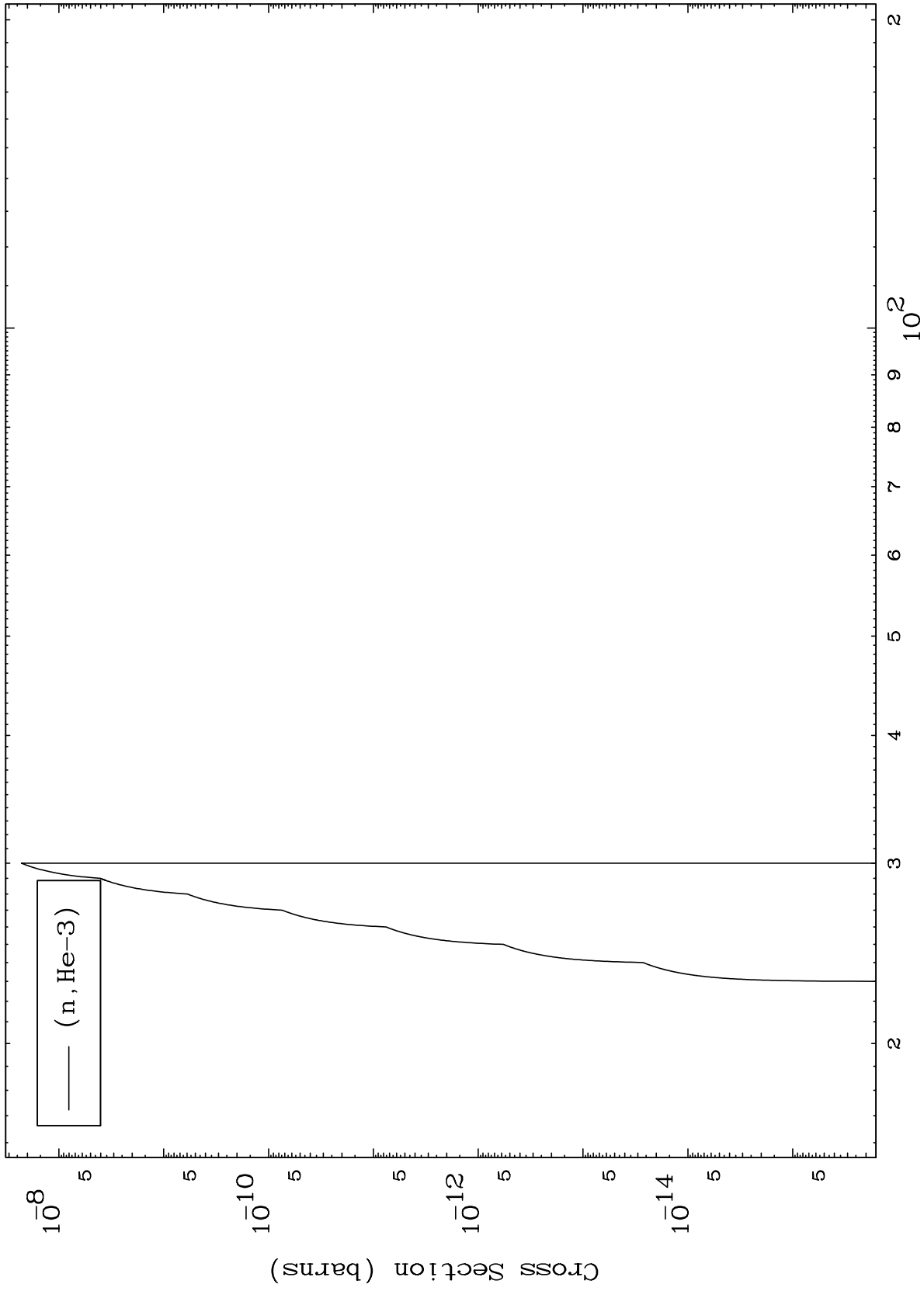
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-152



12

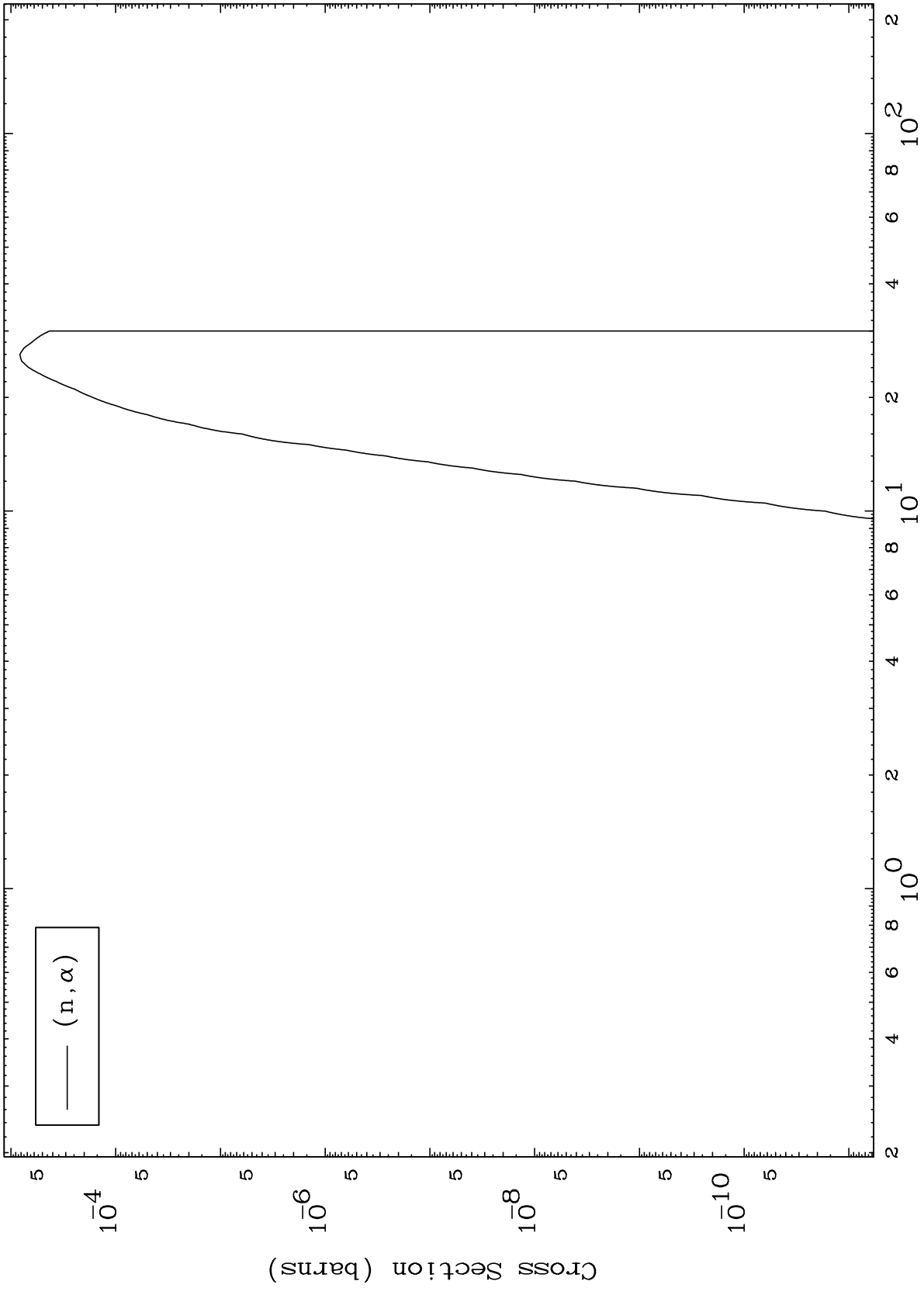
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,α) Levels
293 Kelvin Cross Sections

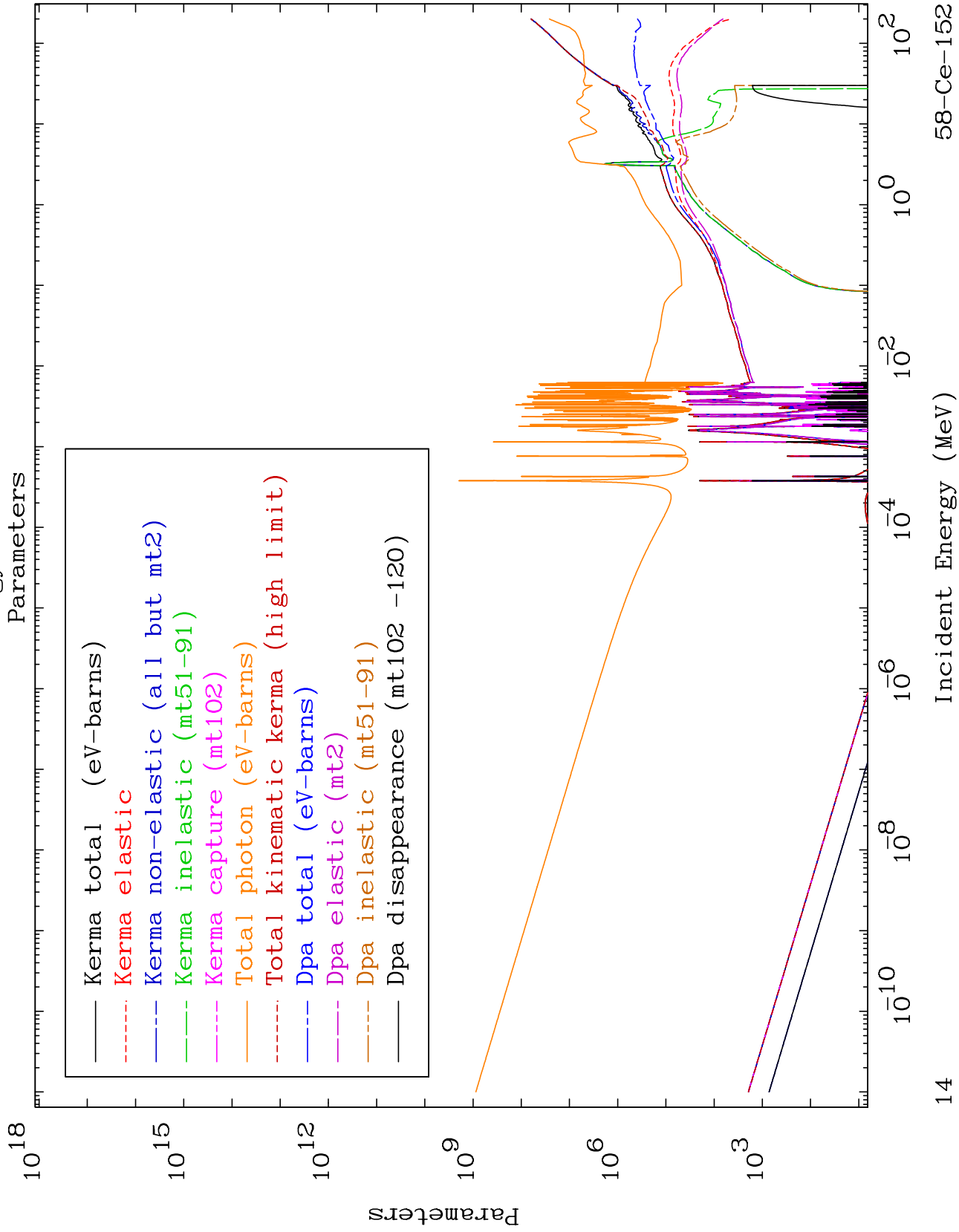
58-Ce-152



13

Incident Energy (MeV)

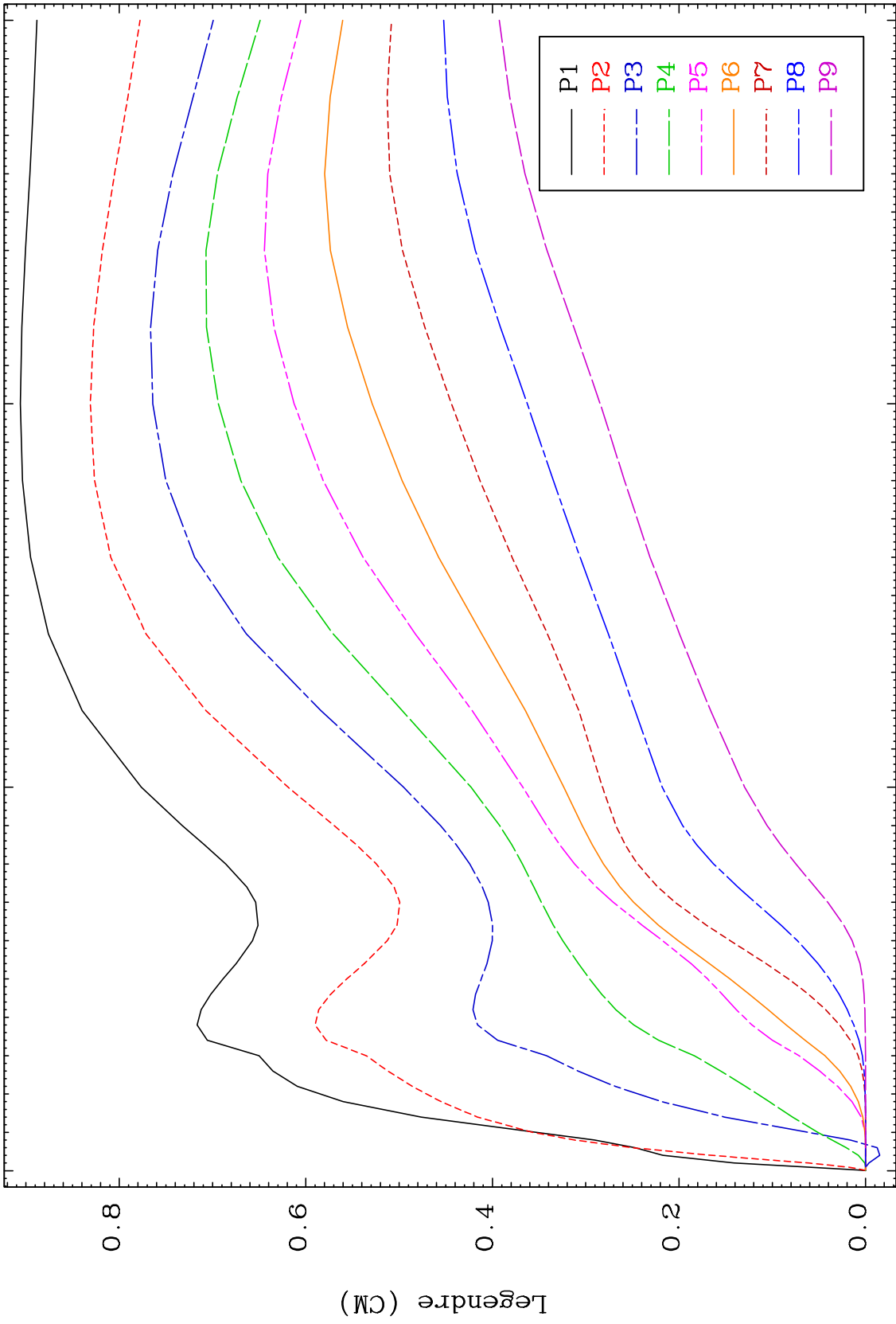
58-Ce-152



MAT 5873

Elastic Legendre Coefficients

58-Ce-152



15

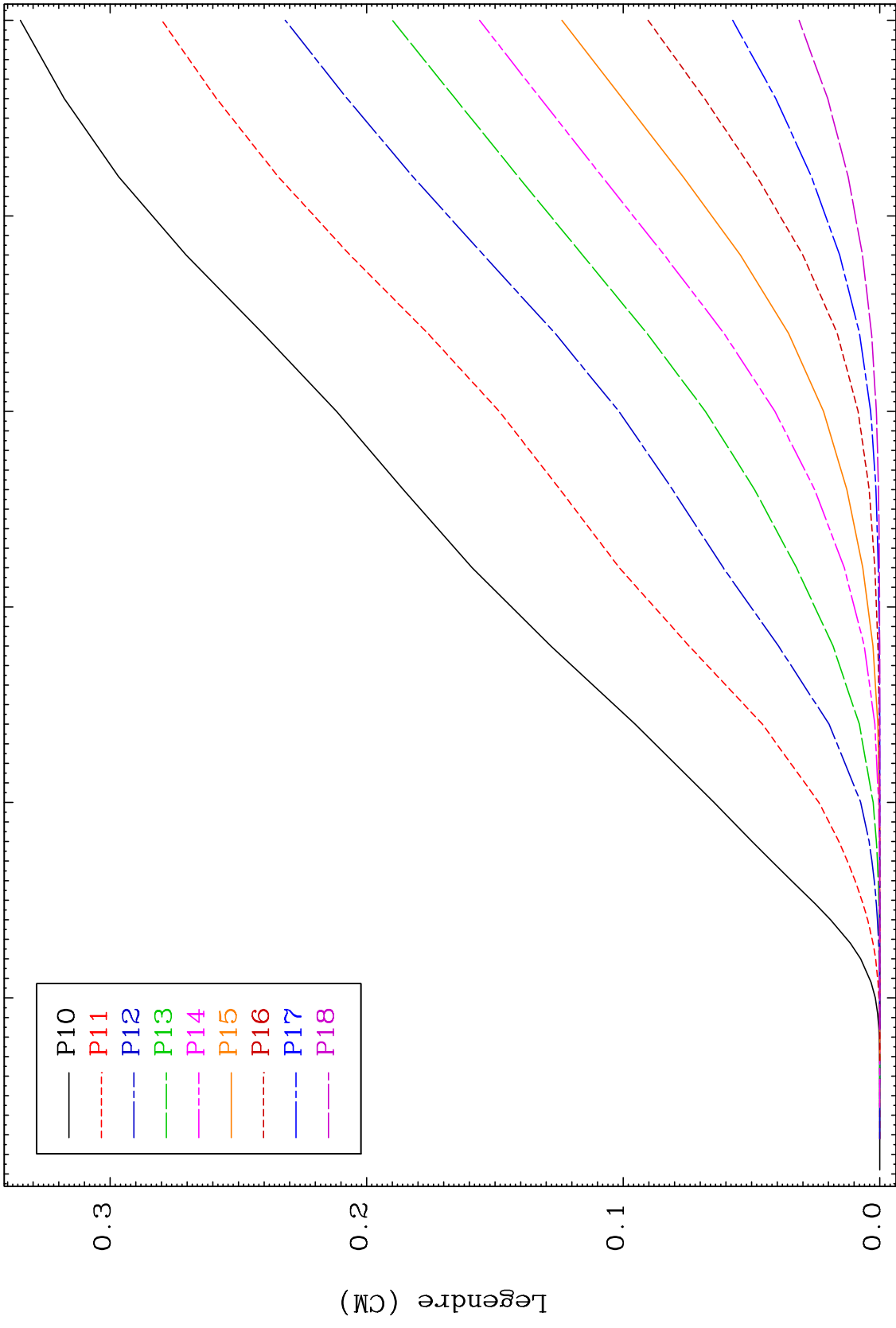
Incident Energy (MeV)

58-Ce-152

MAT 5873

Elastic Legendre Coefficients

58-Ce-152



16

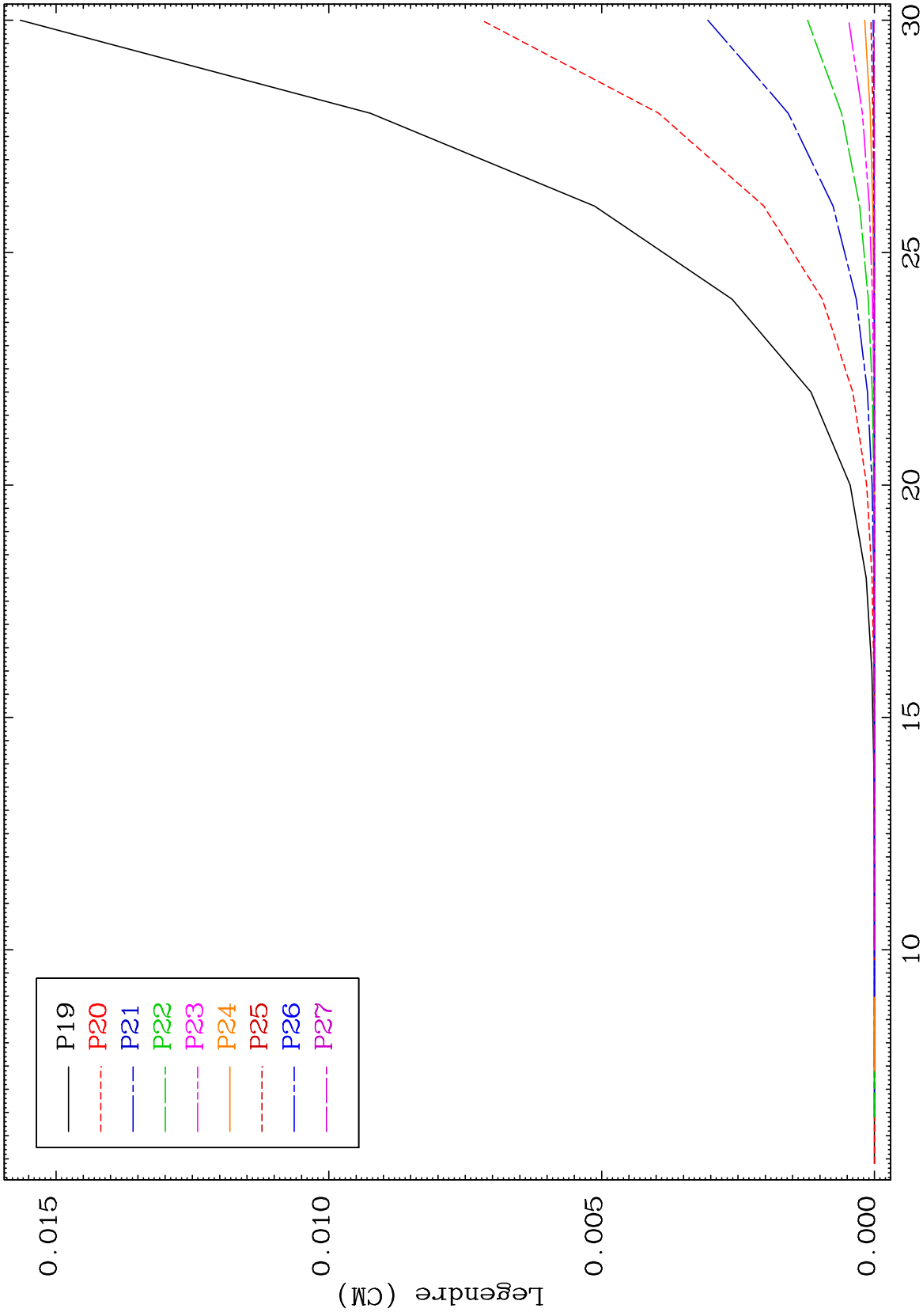
Incident Energy (MeV)

58-Ce-152

MAT 5873

Elastic Legendre Coefficients

58-Ce-152



17

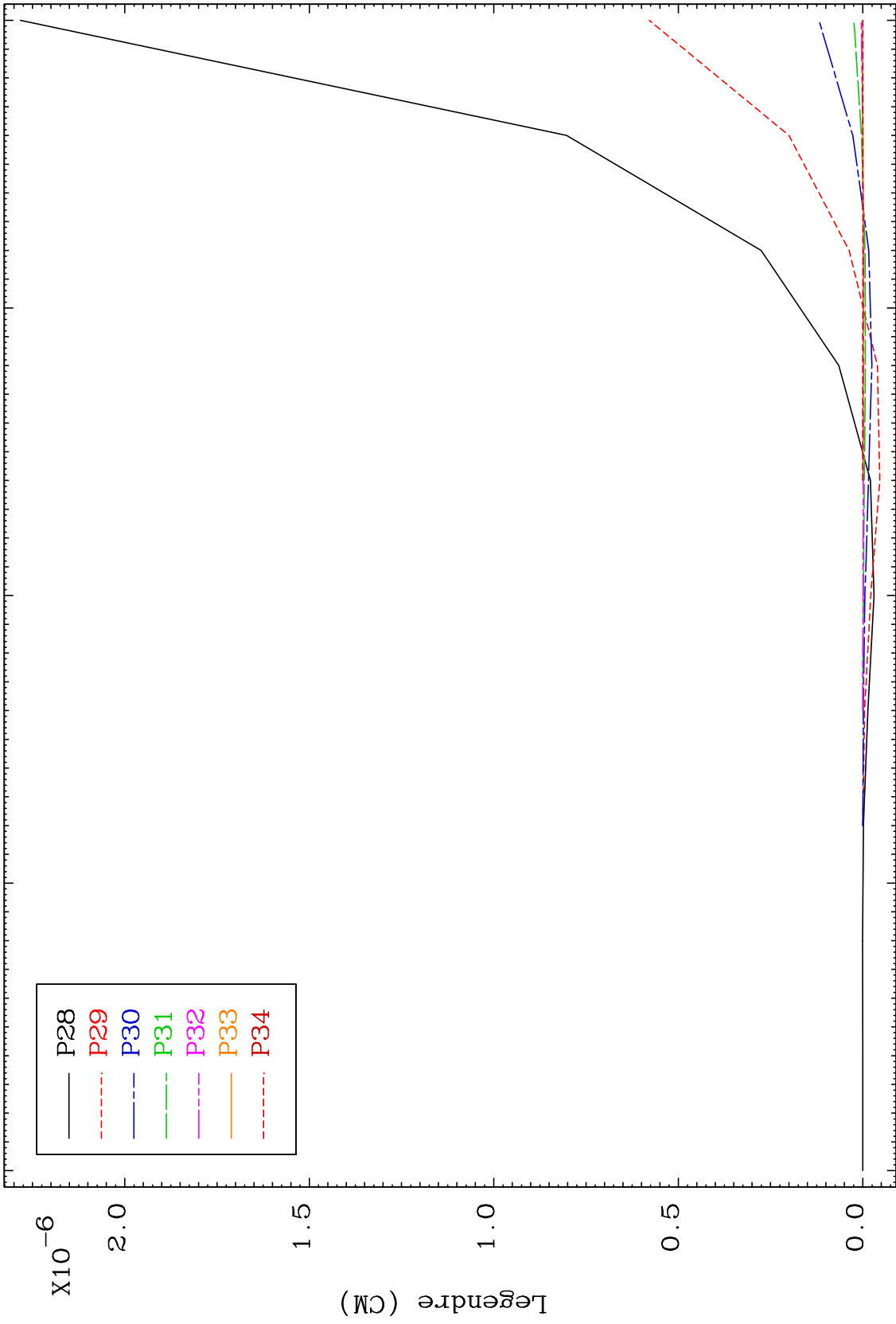
Incident Energy (MeV)

58-Ce-152

MAT 5873

Elastic Legendre Coefficients

58-Ce-152



18

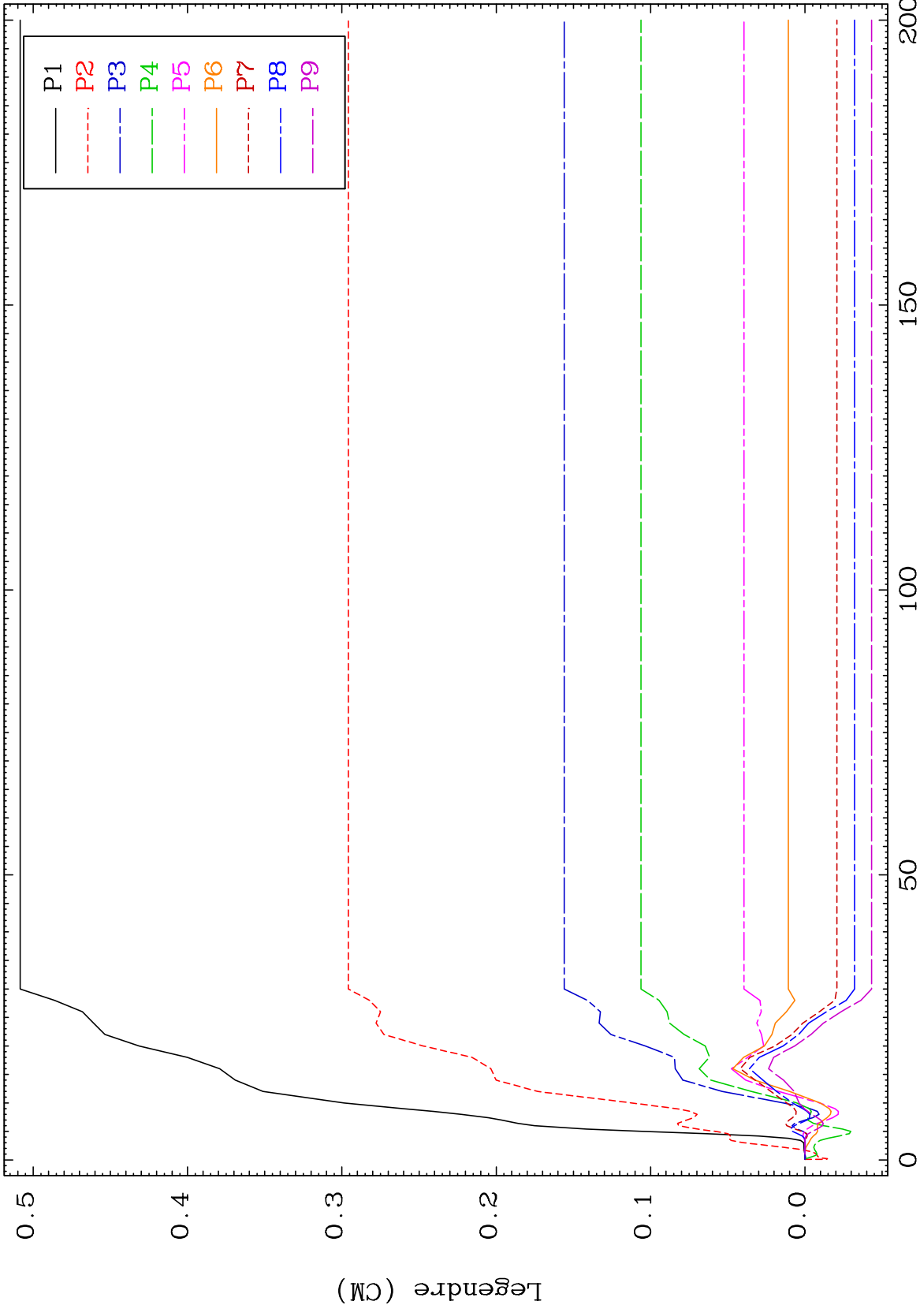
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



19

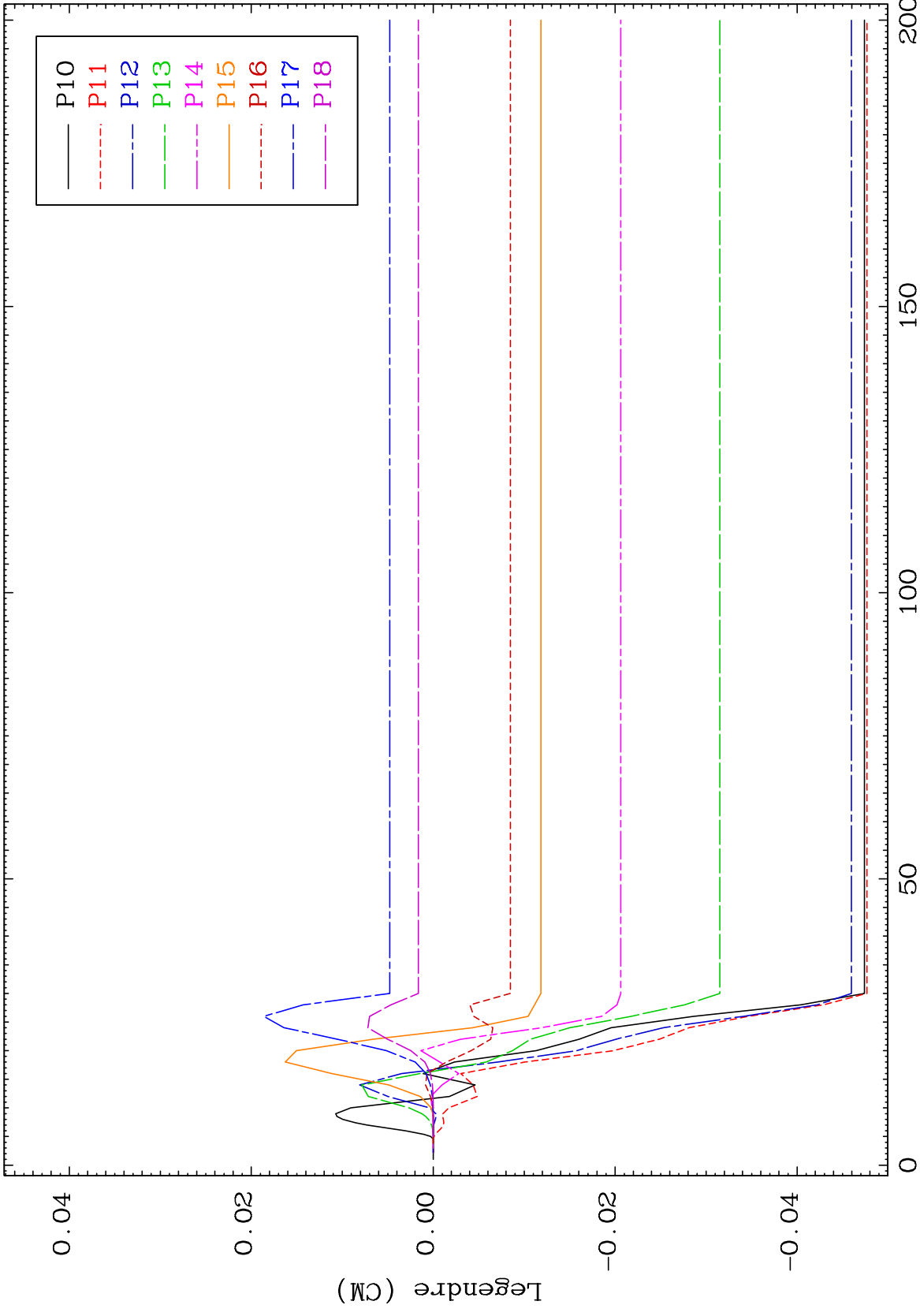
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



0

-0.04

-0.02

Legendre (CM)

0.02

0.04

0

50

100

150

200

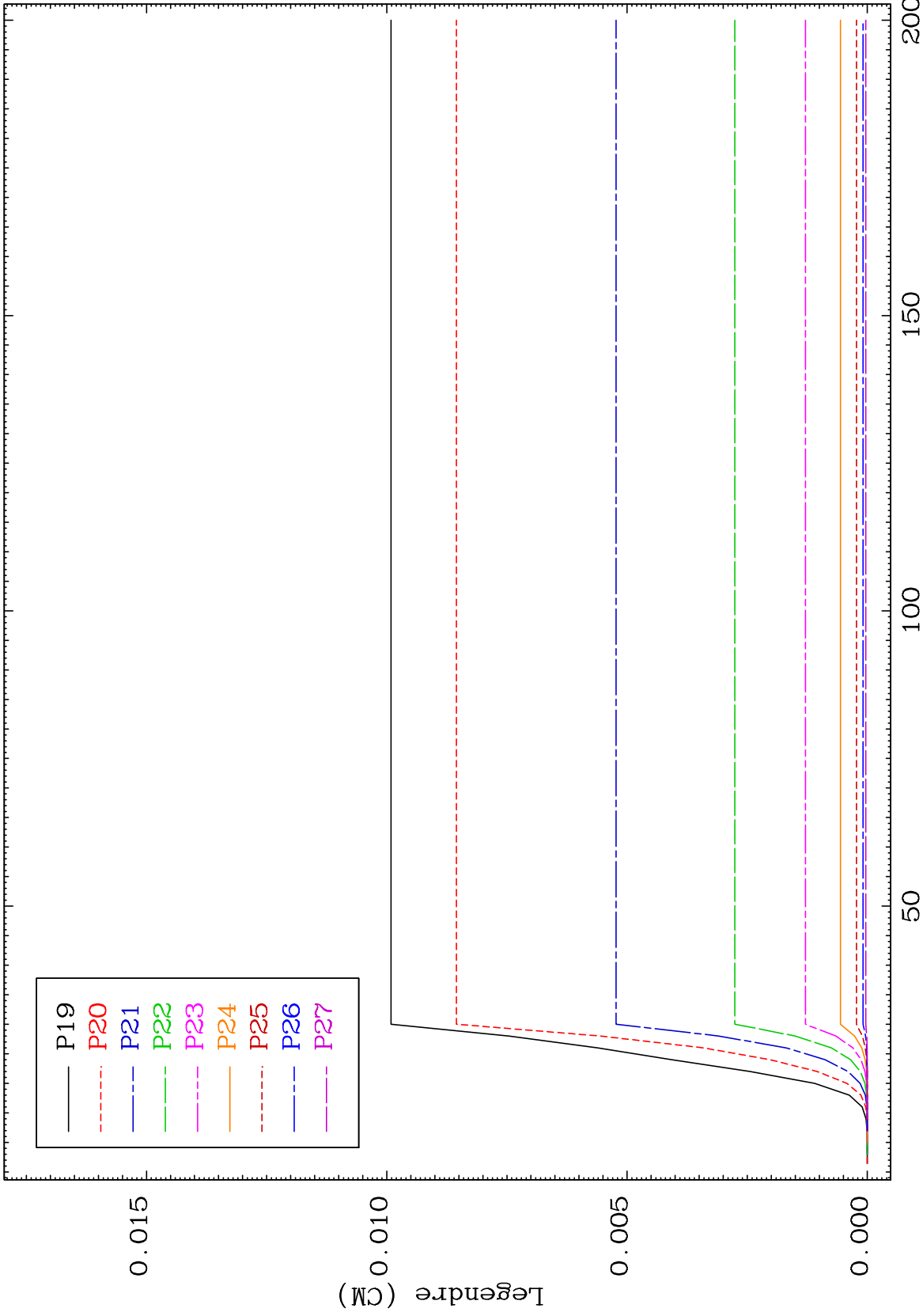
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



21

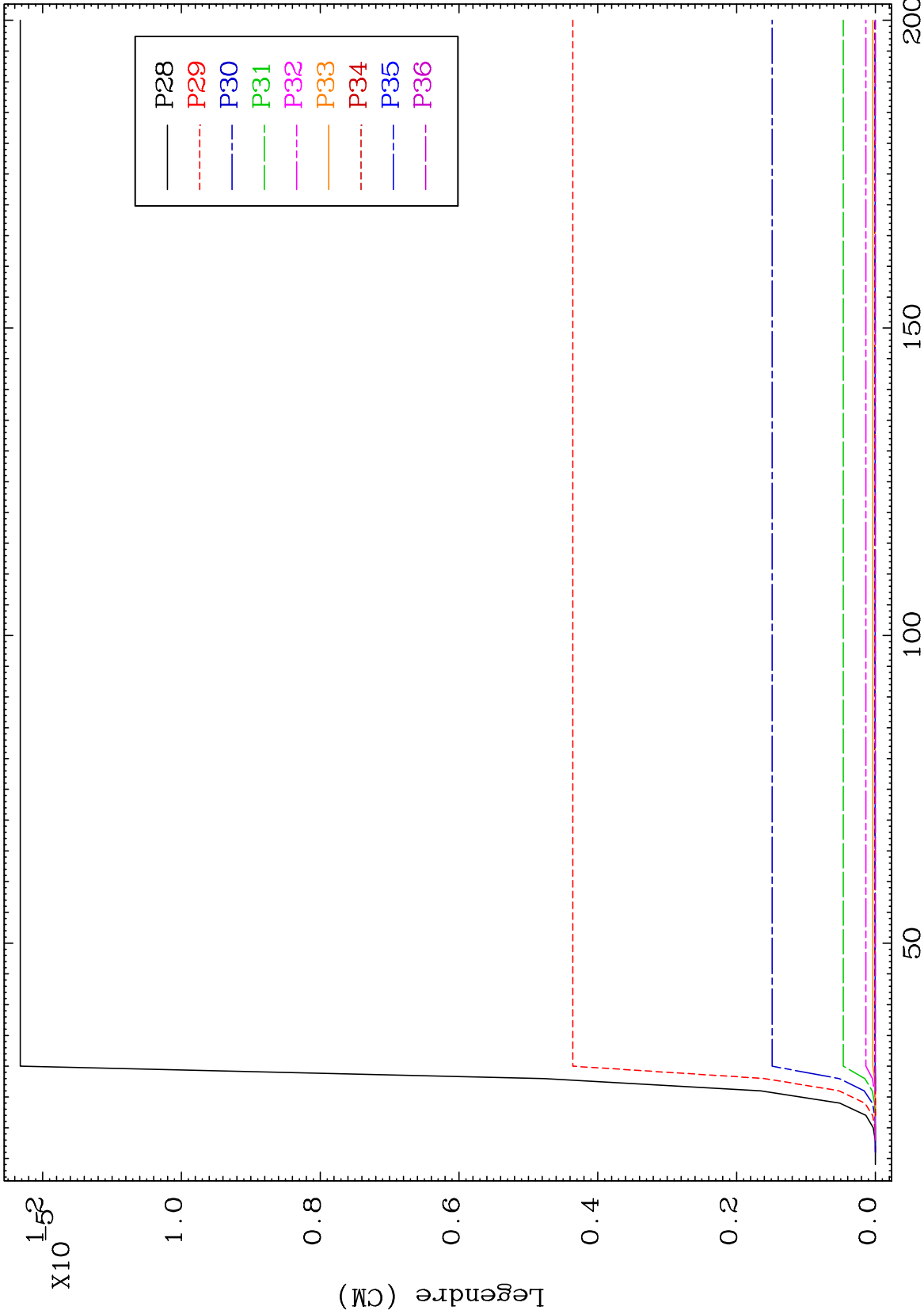
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



22

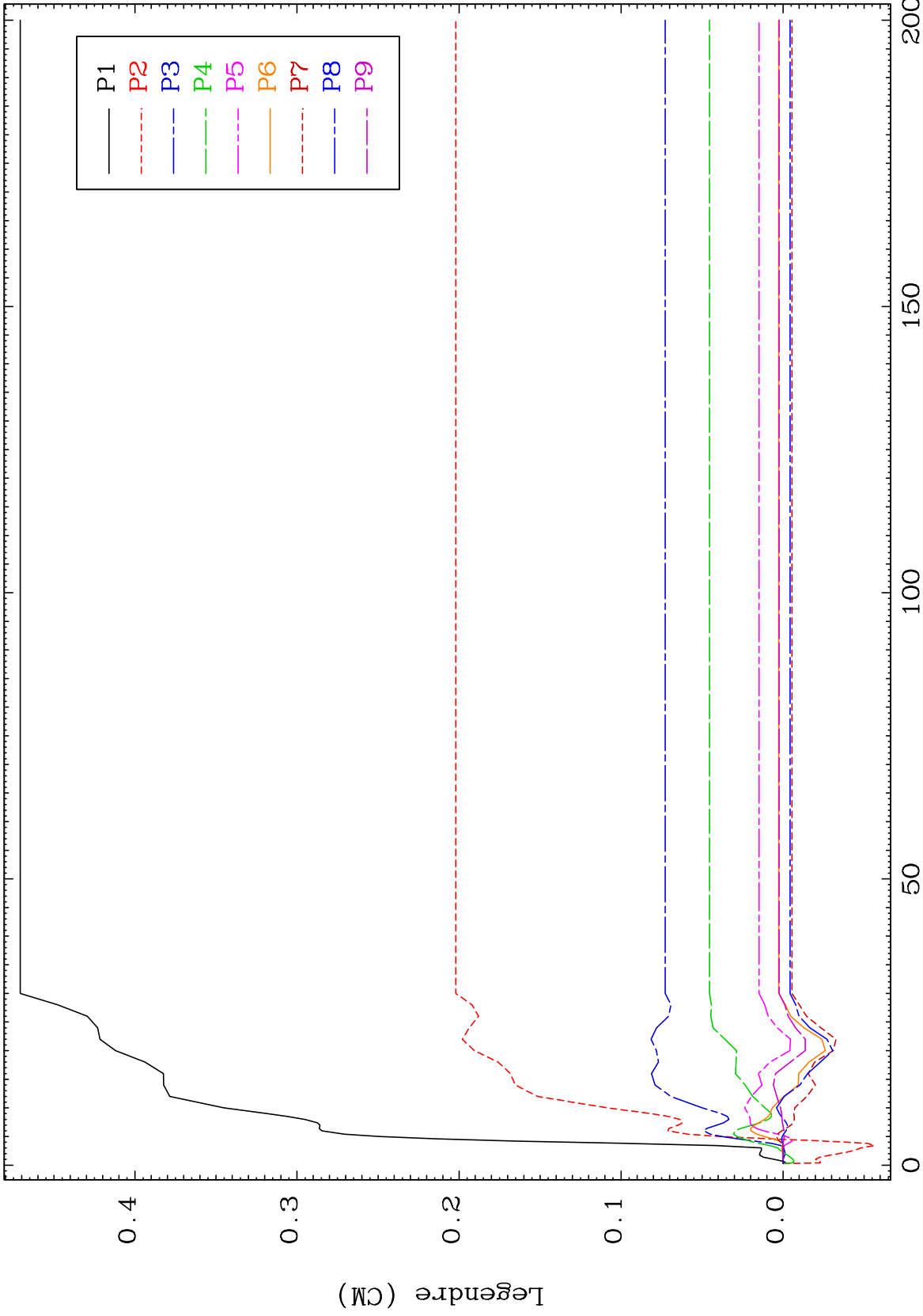
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



23

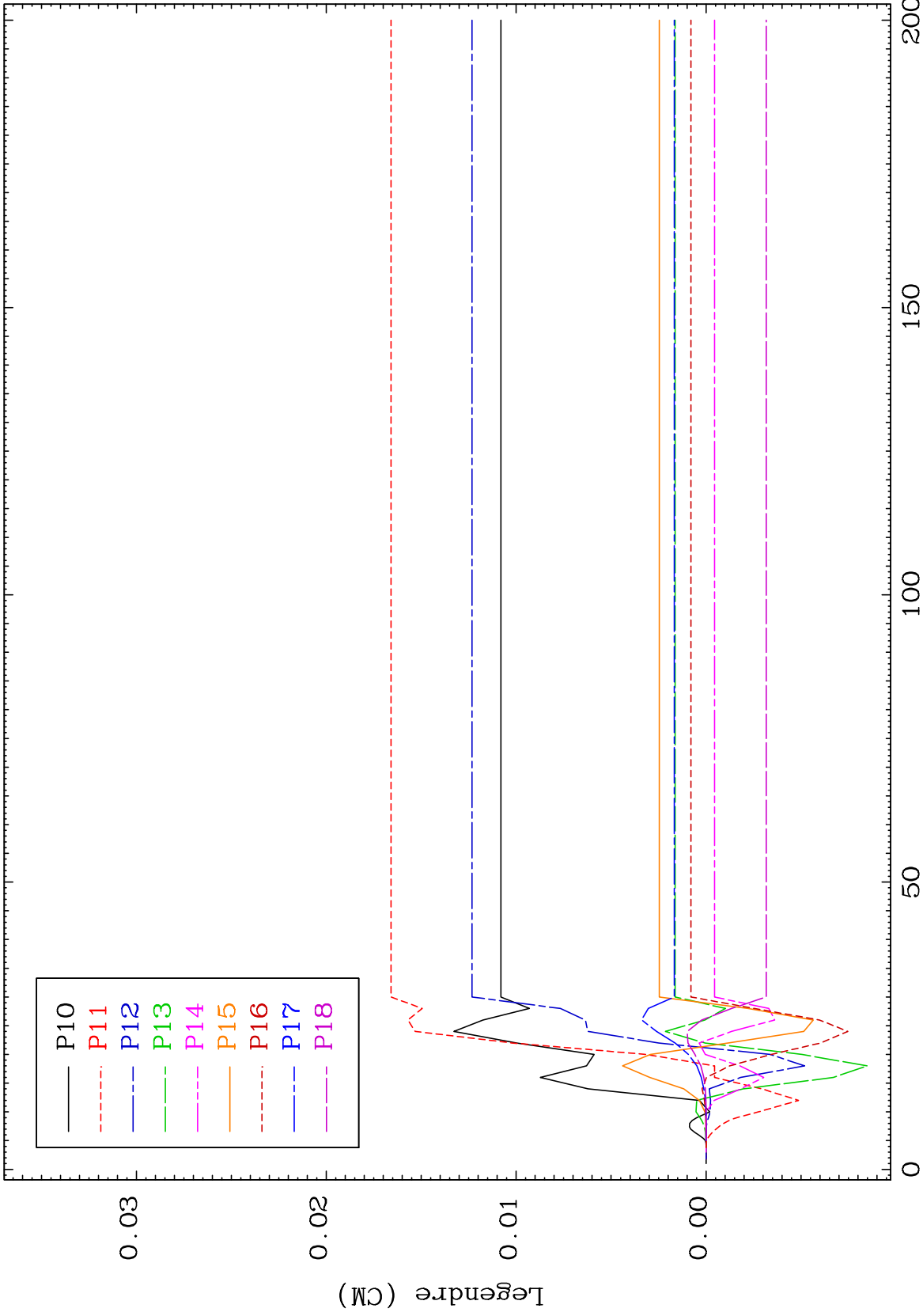
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



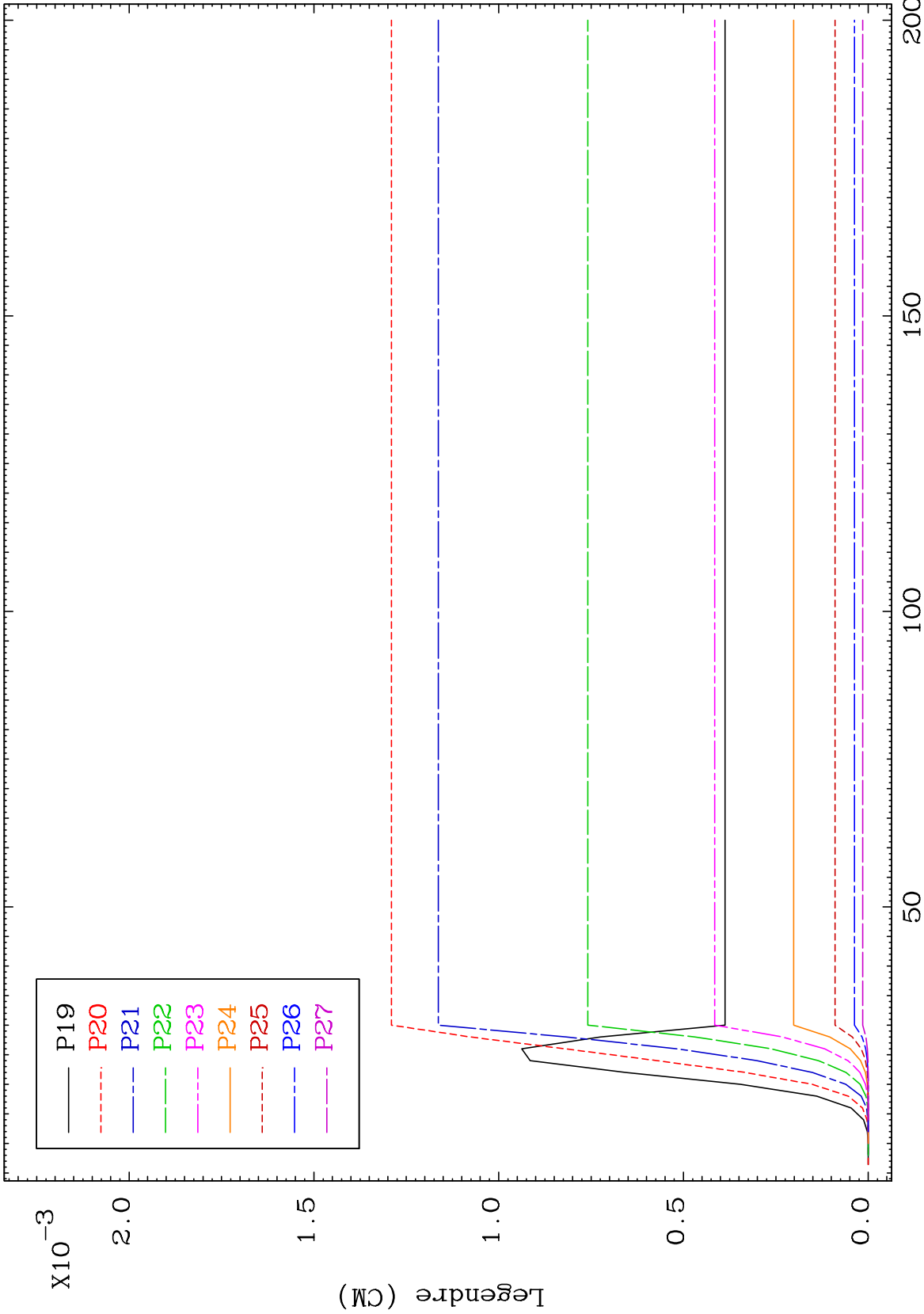
24

58-Ce-152

MAT 5873

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

58-Ce-152



25

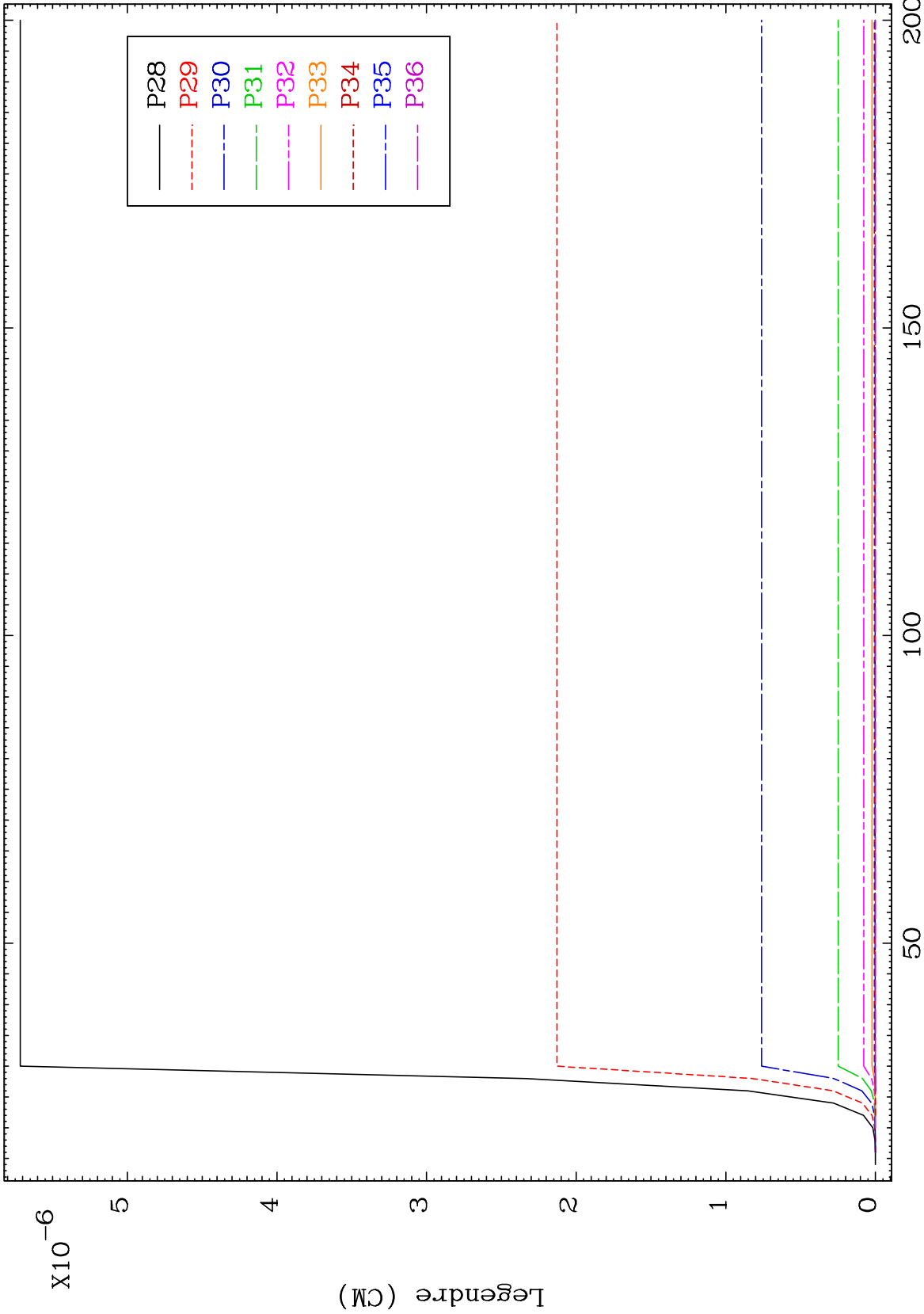
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



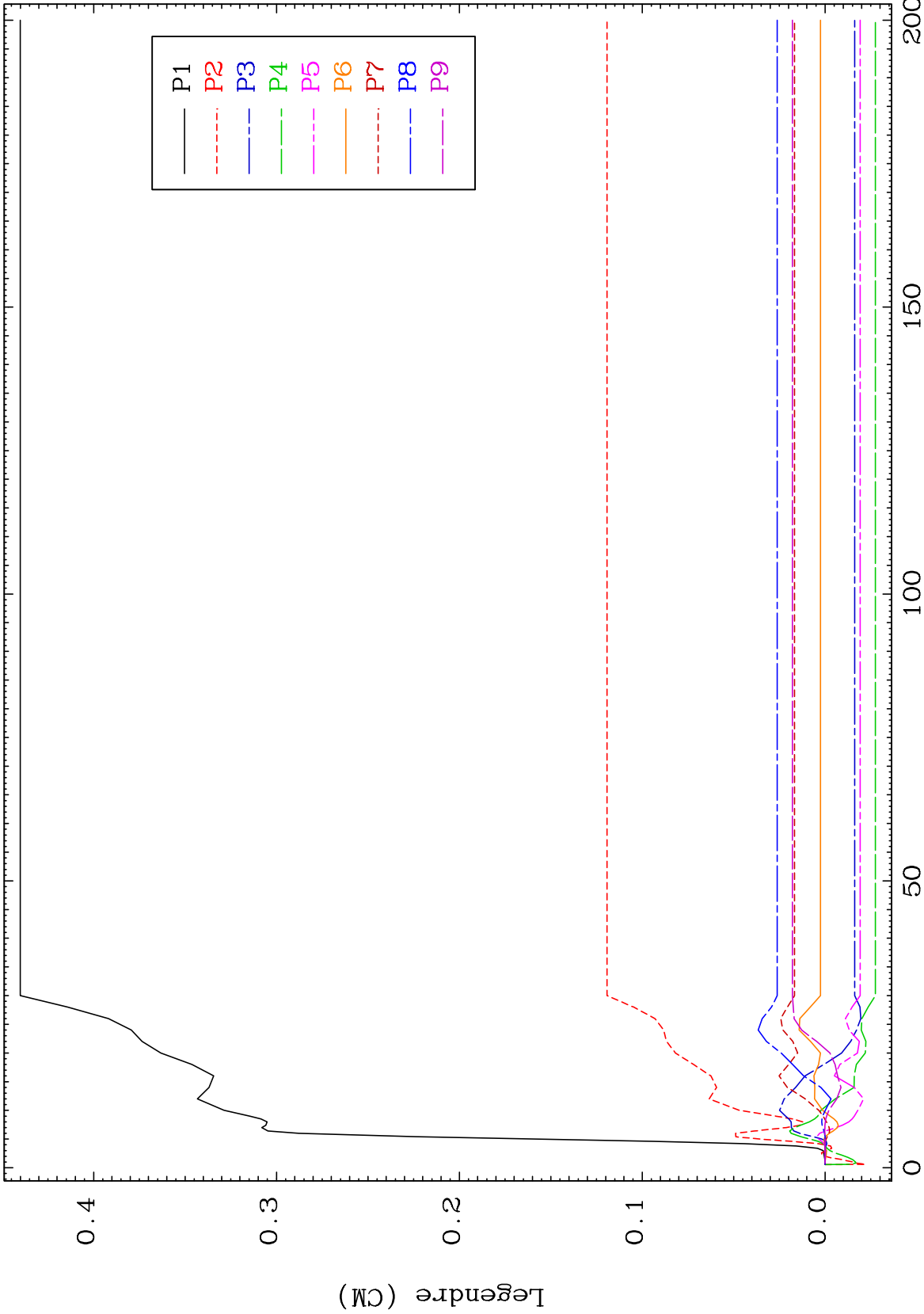
26

58-Ce-152

MAT 5873

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

58-Ce-152



27

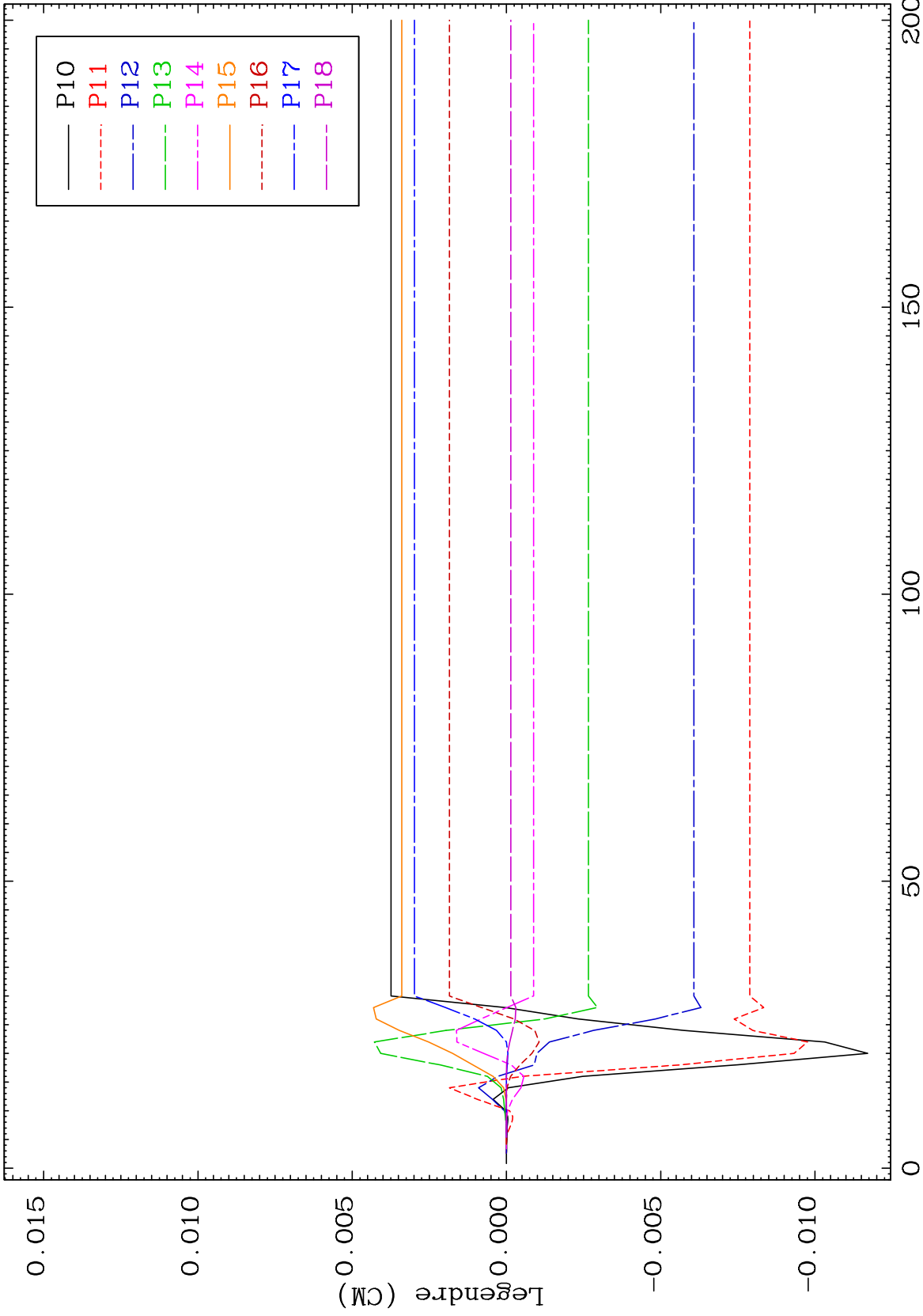
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



28

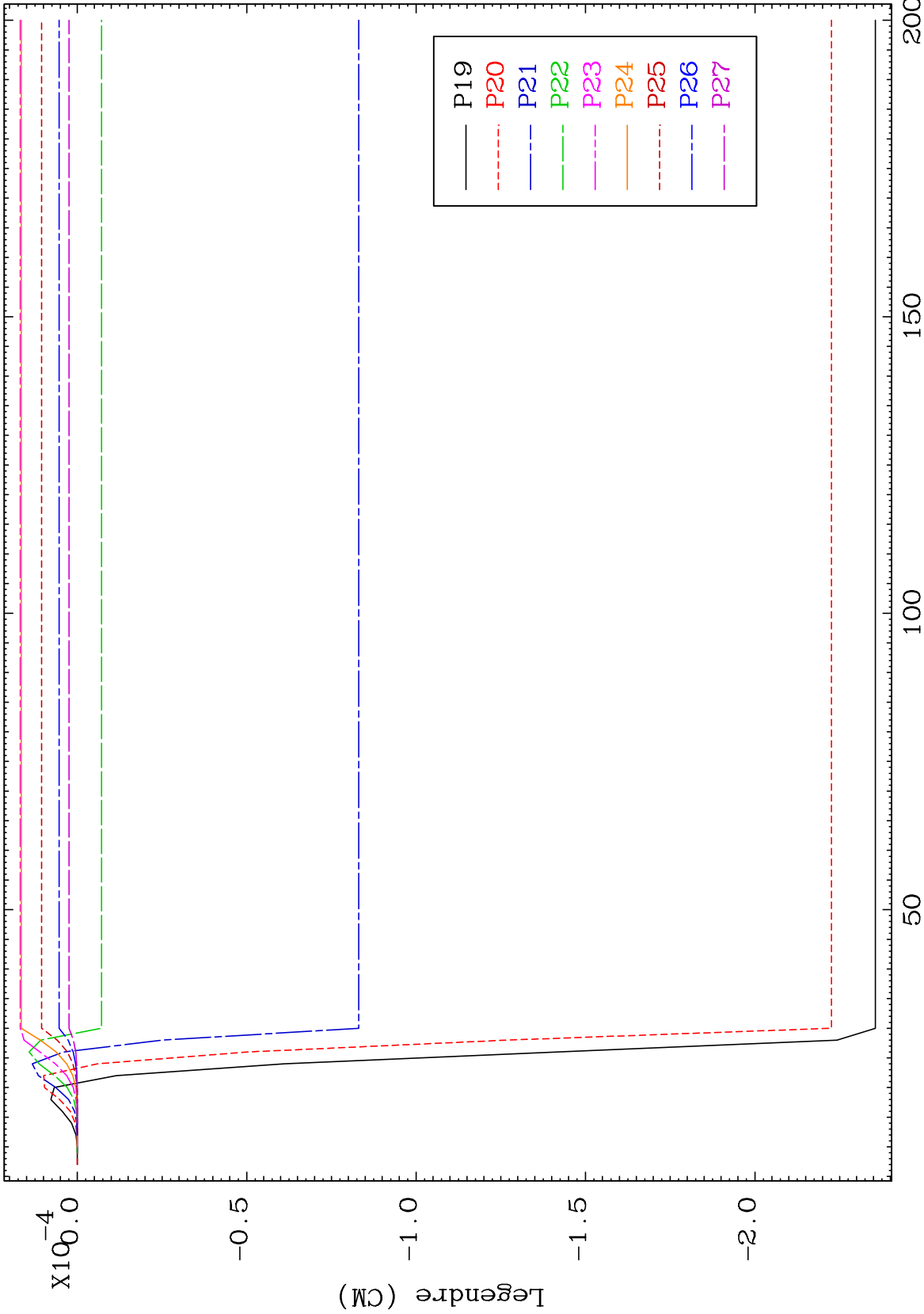
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



29

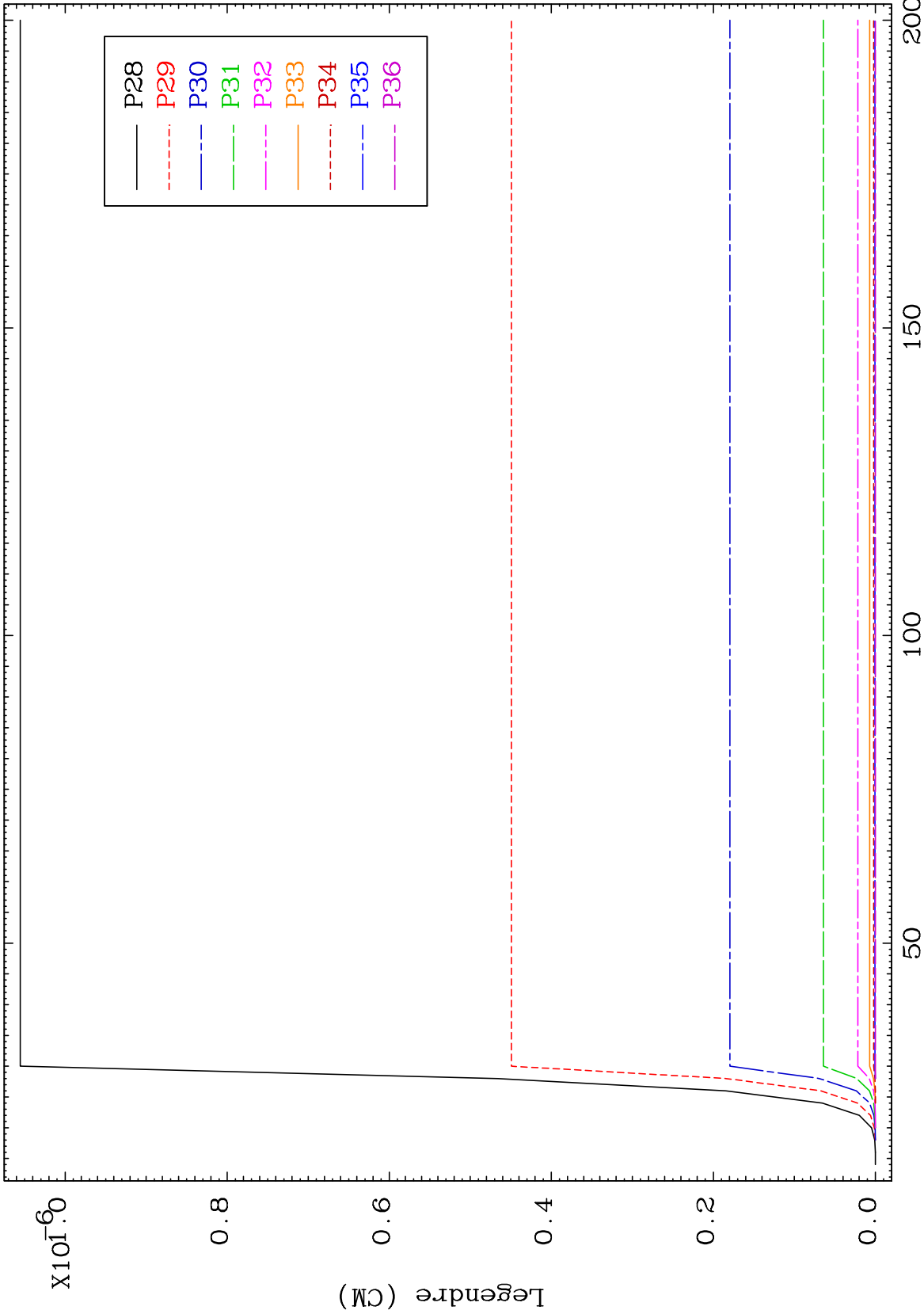
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



30

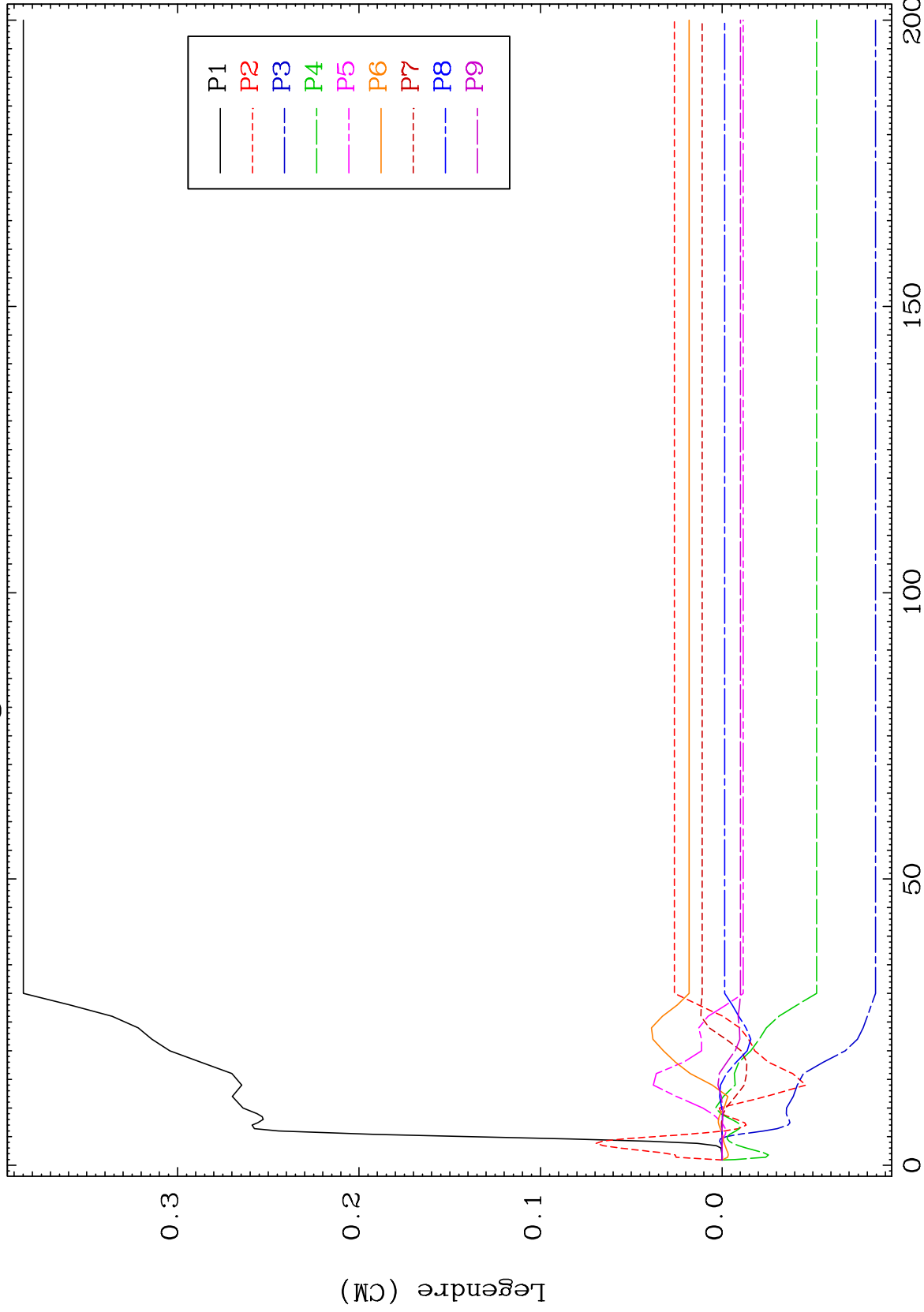
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



31

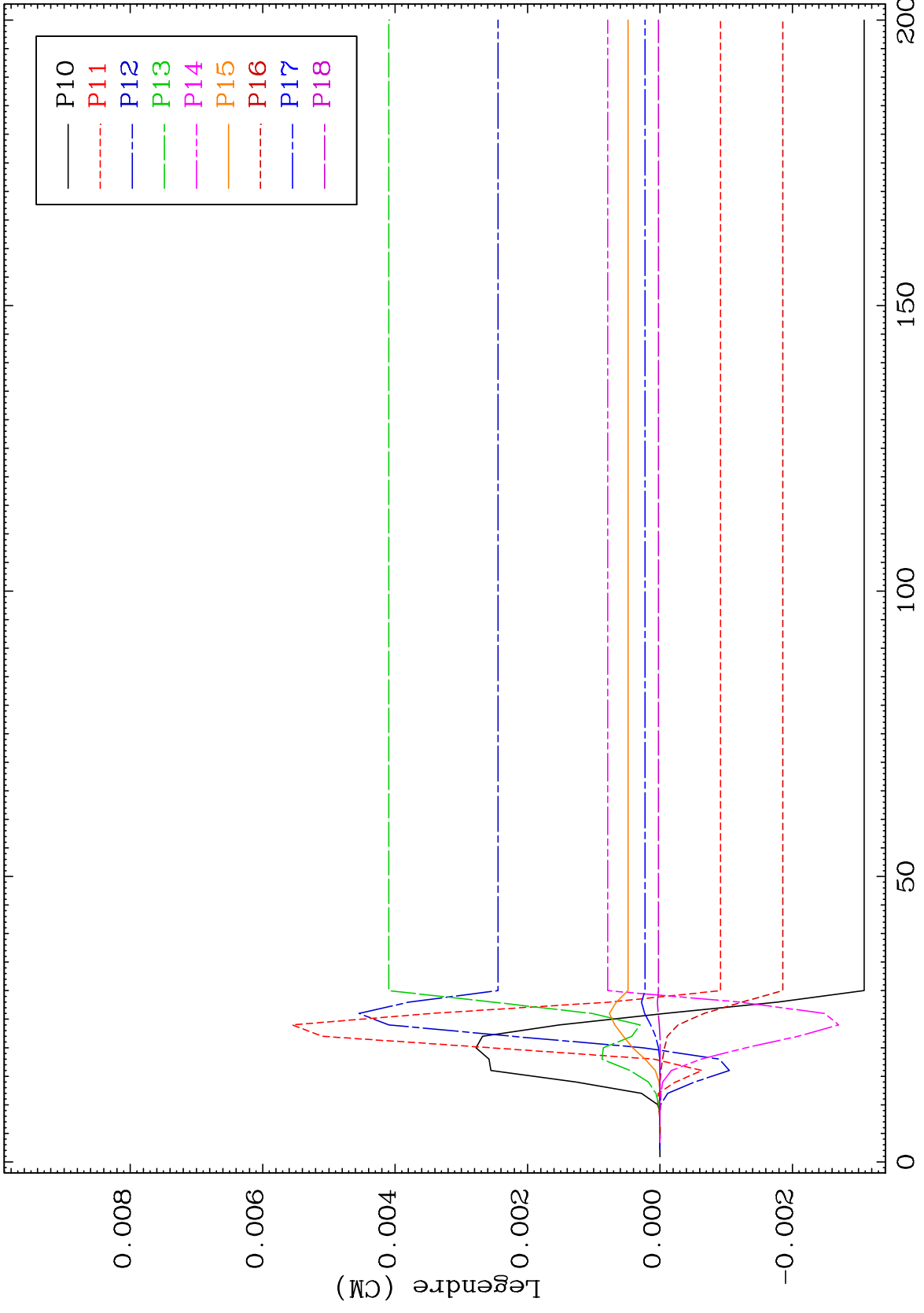
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



32

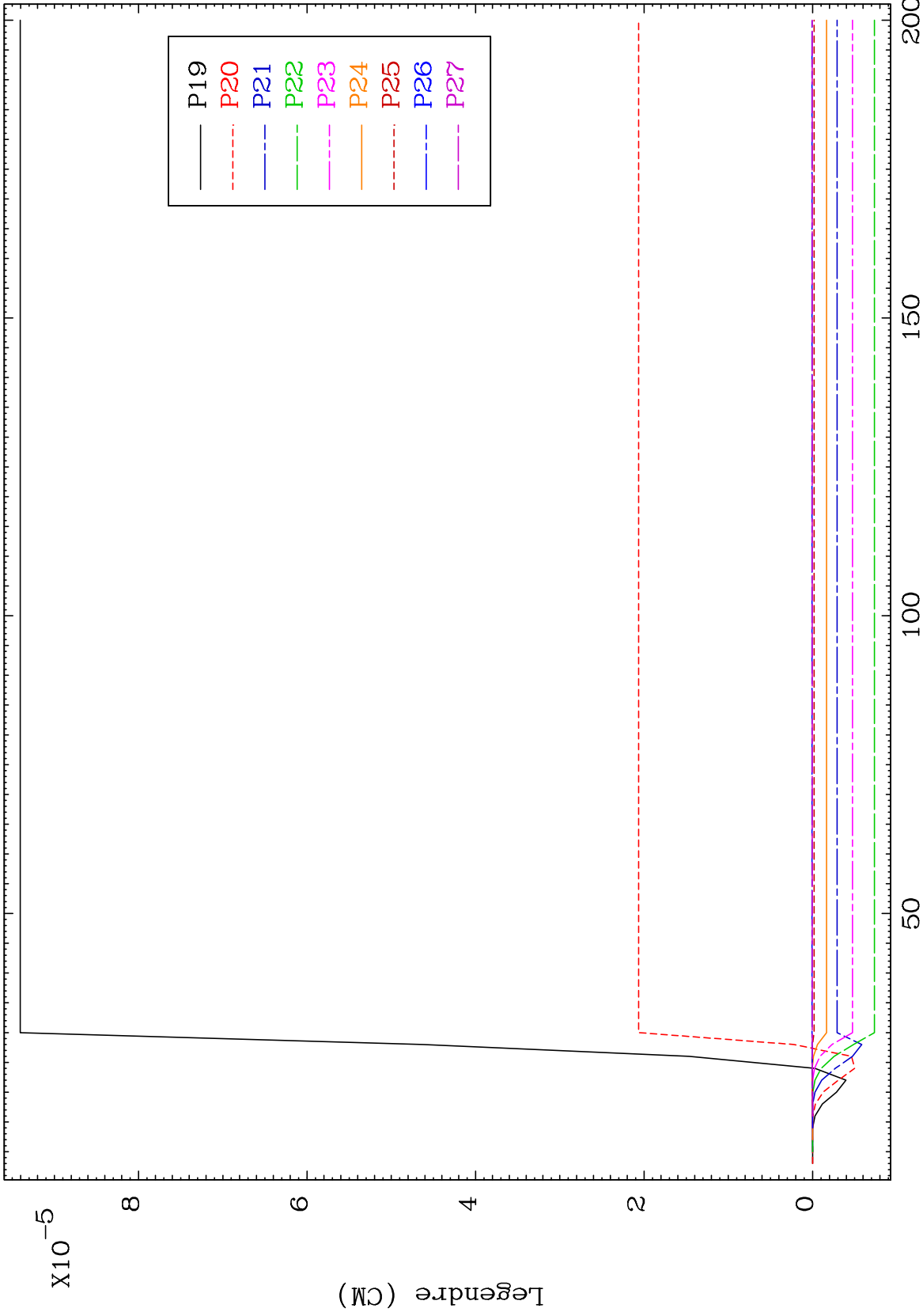
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



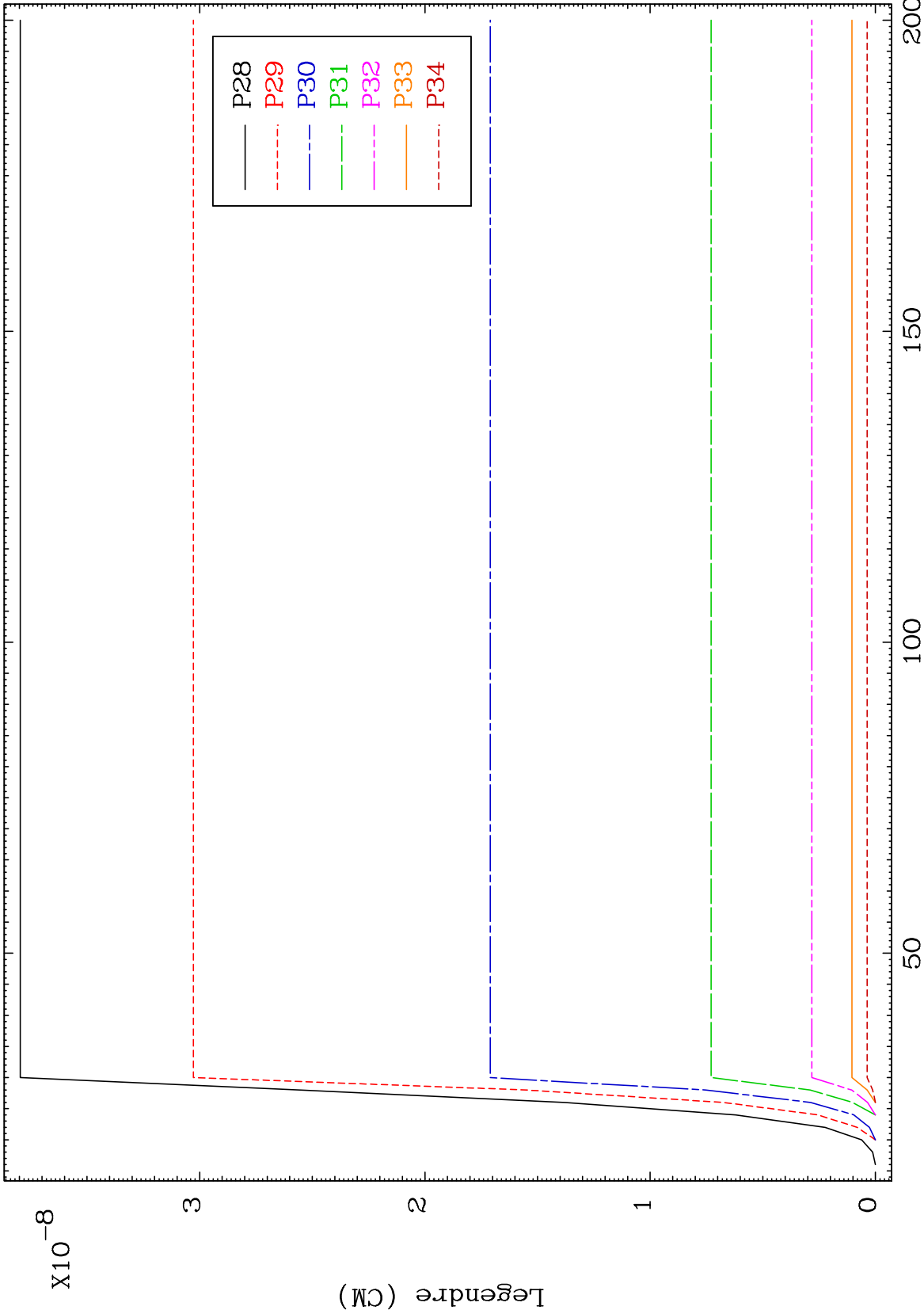
33

58-Ce-152

MAT 5873

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

58-Ce-152



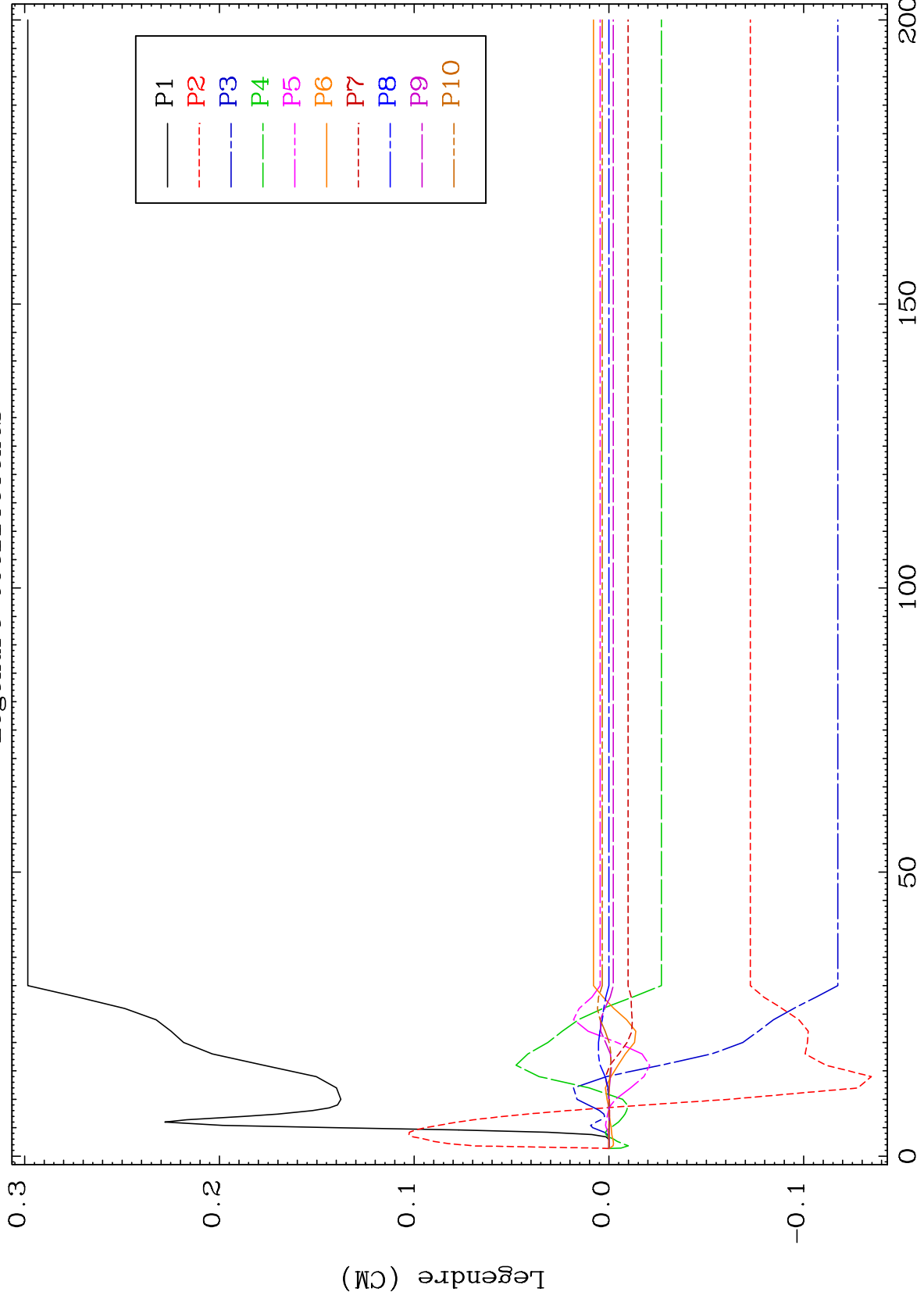
34

58-Ce-152

MAT 5873

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

58-Ce-152



35

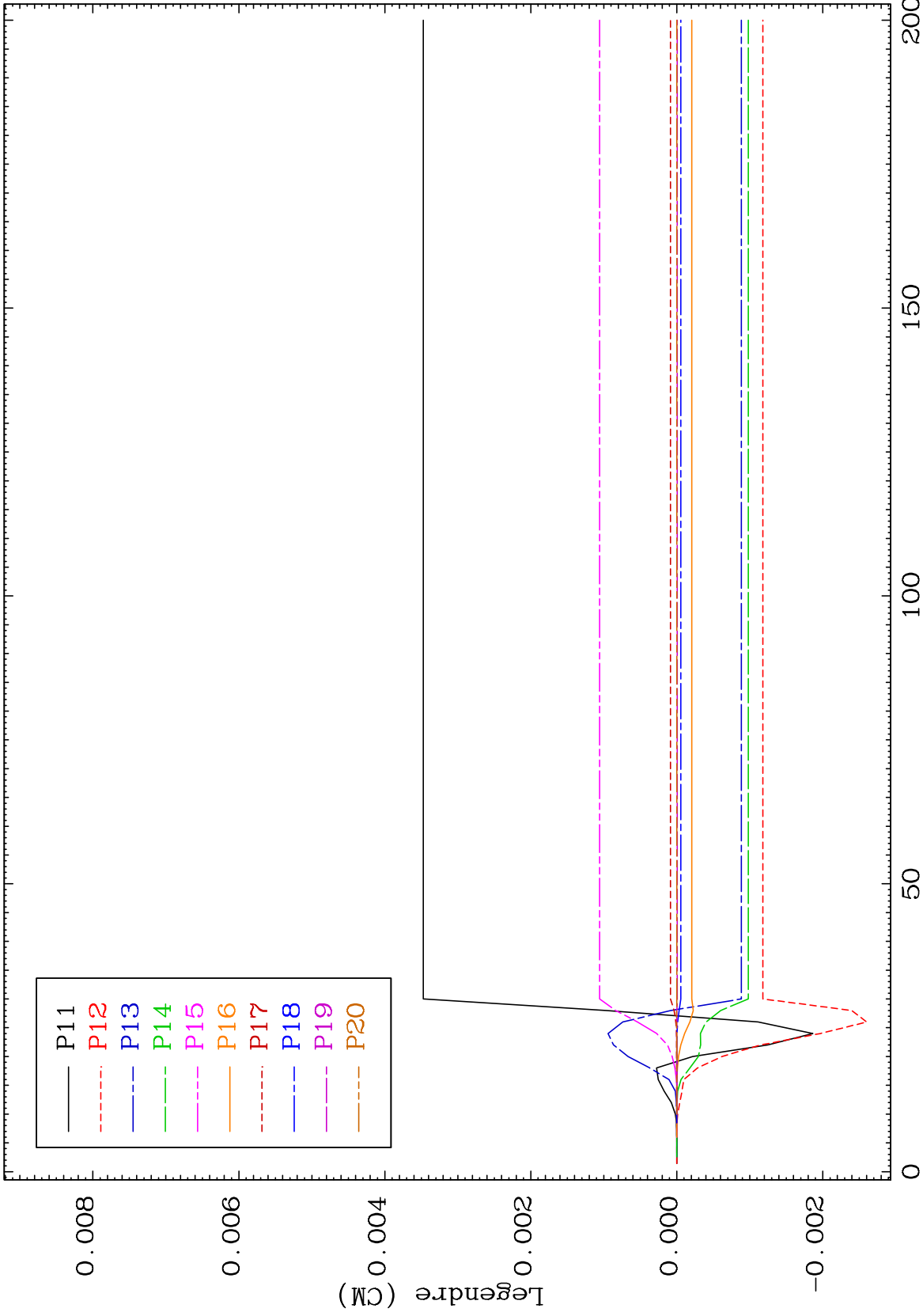
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



36

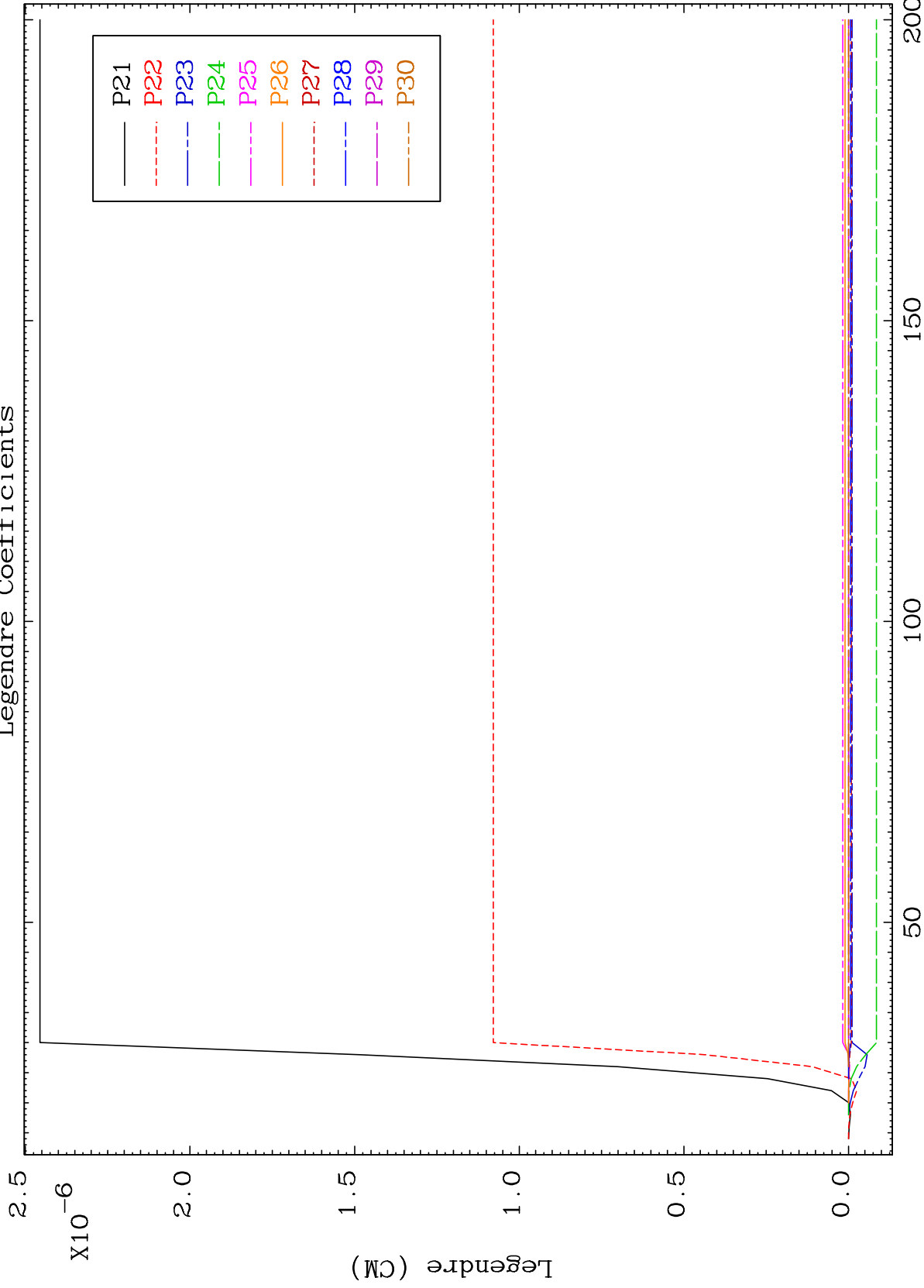
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



37

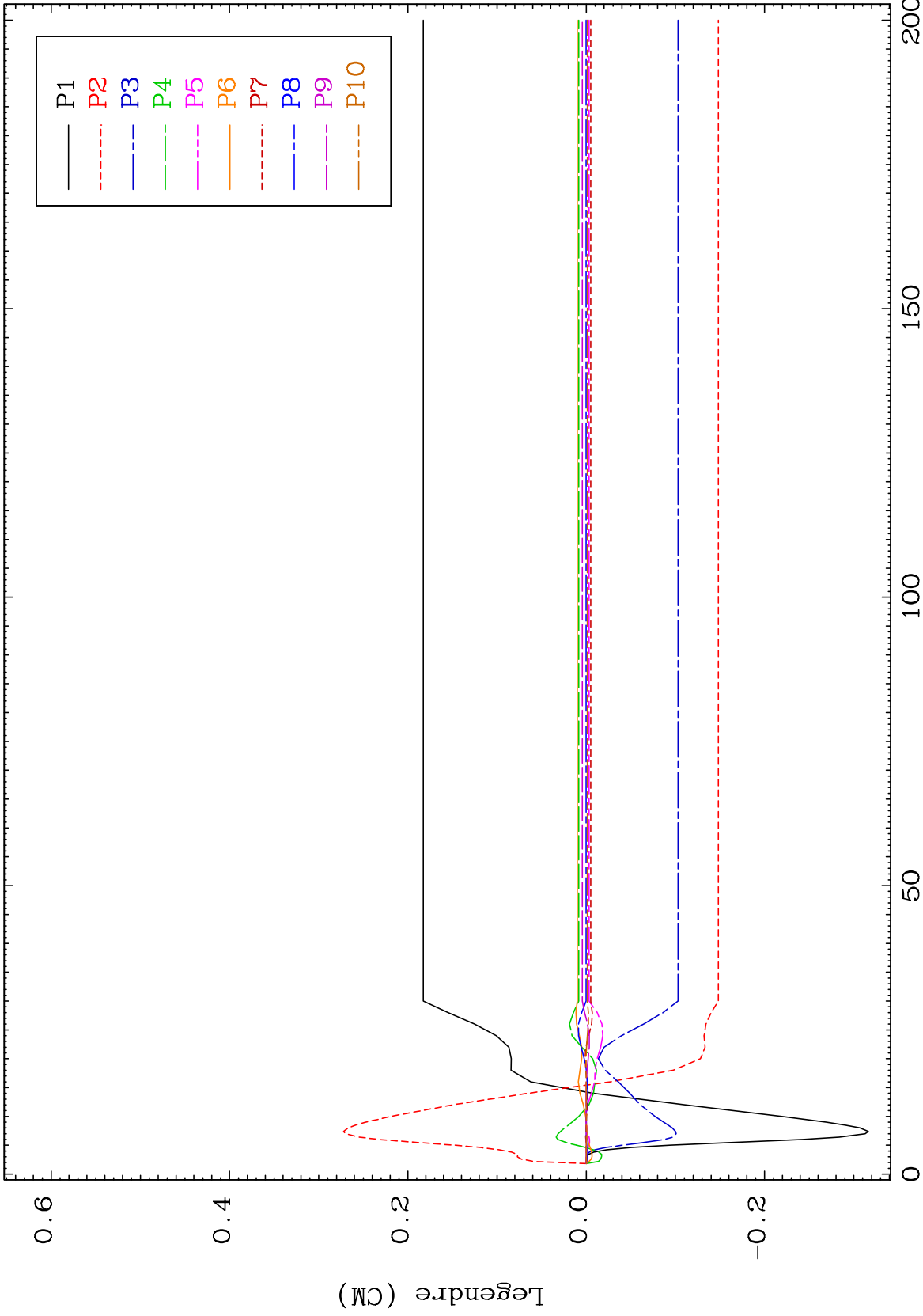
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



38

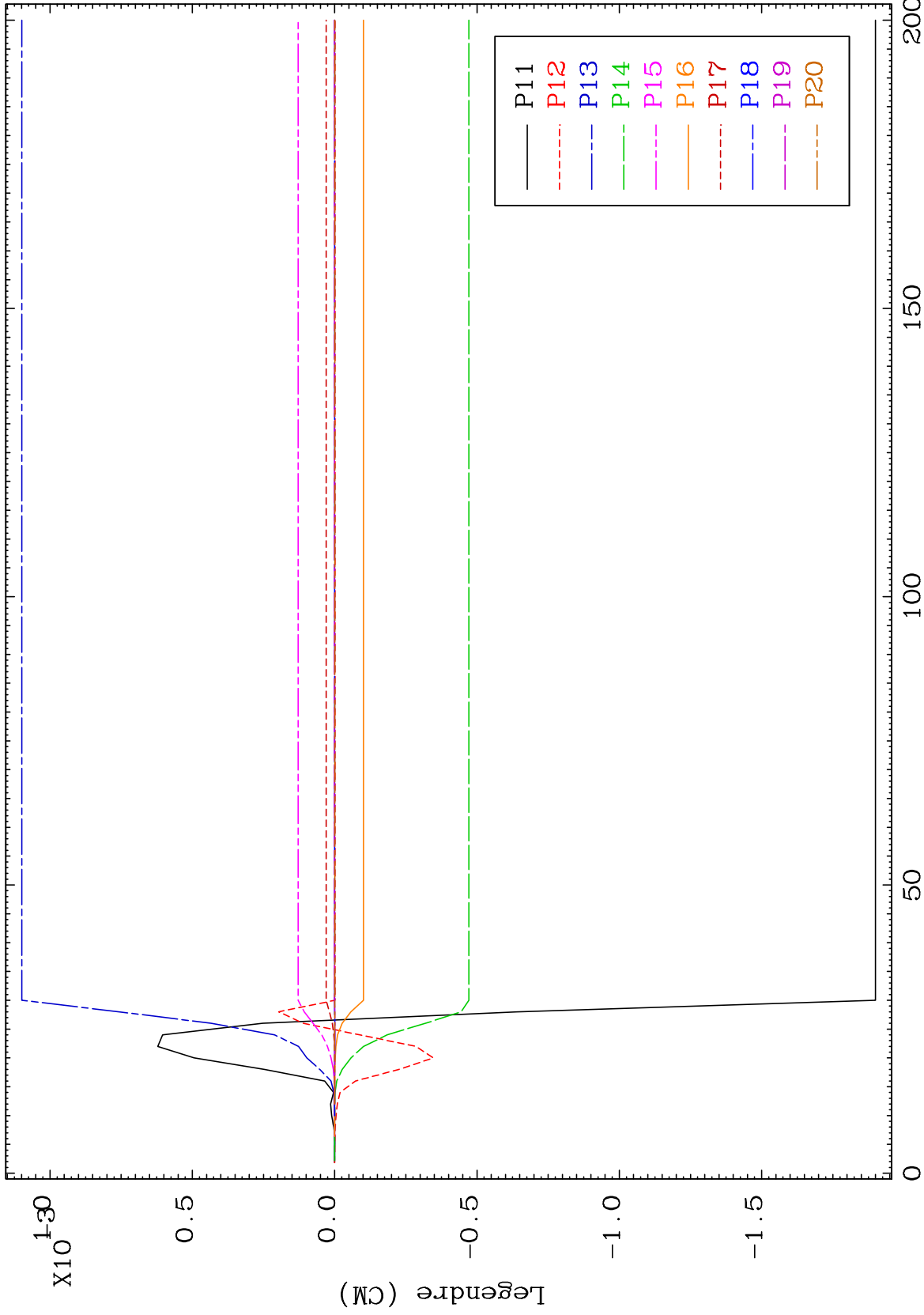
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



39

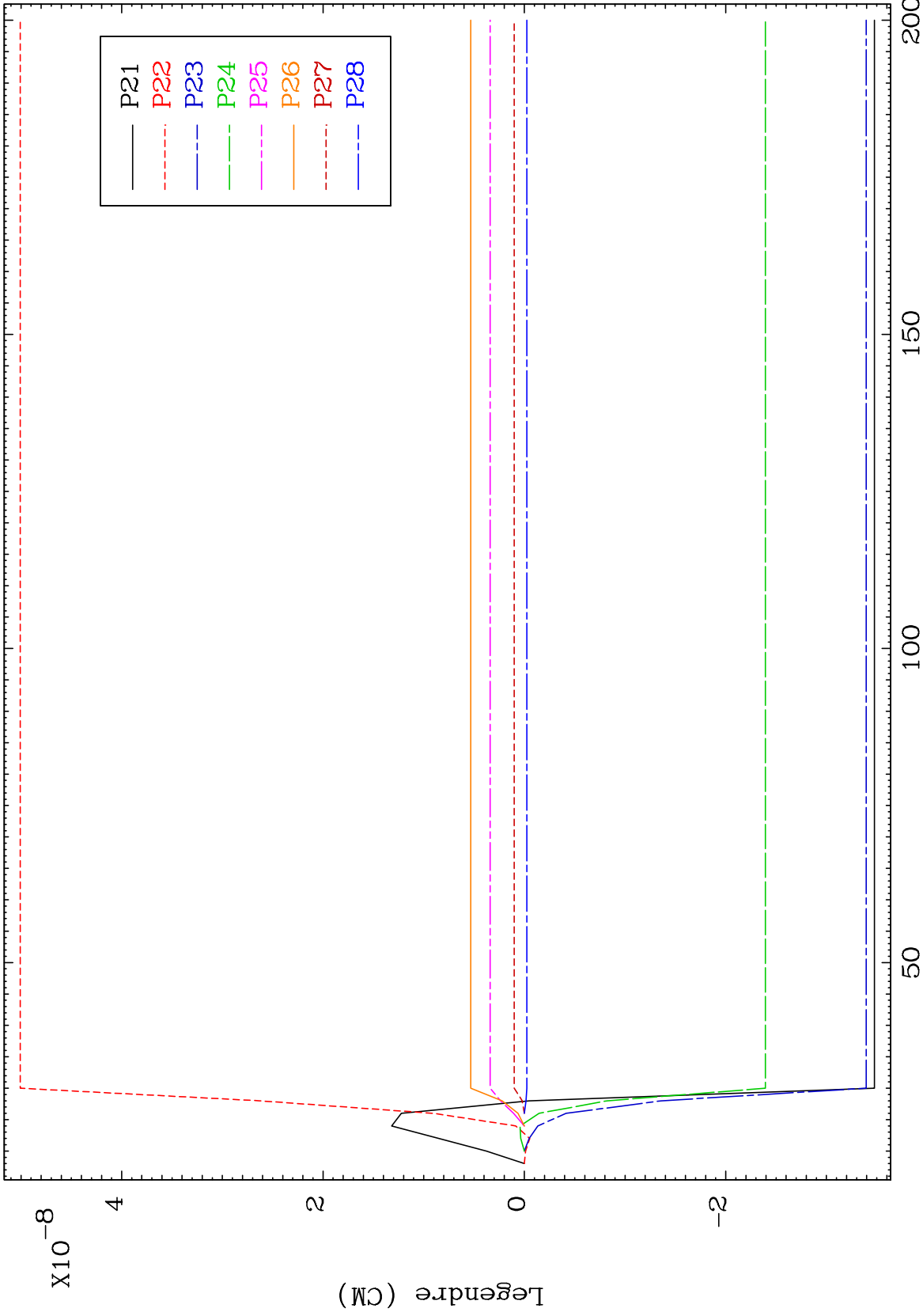
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



40

Incident Energy (MeV)

50

100

150

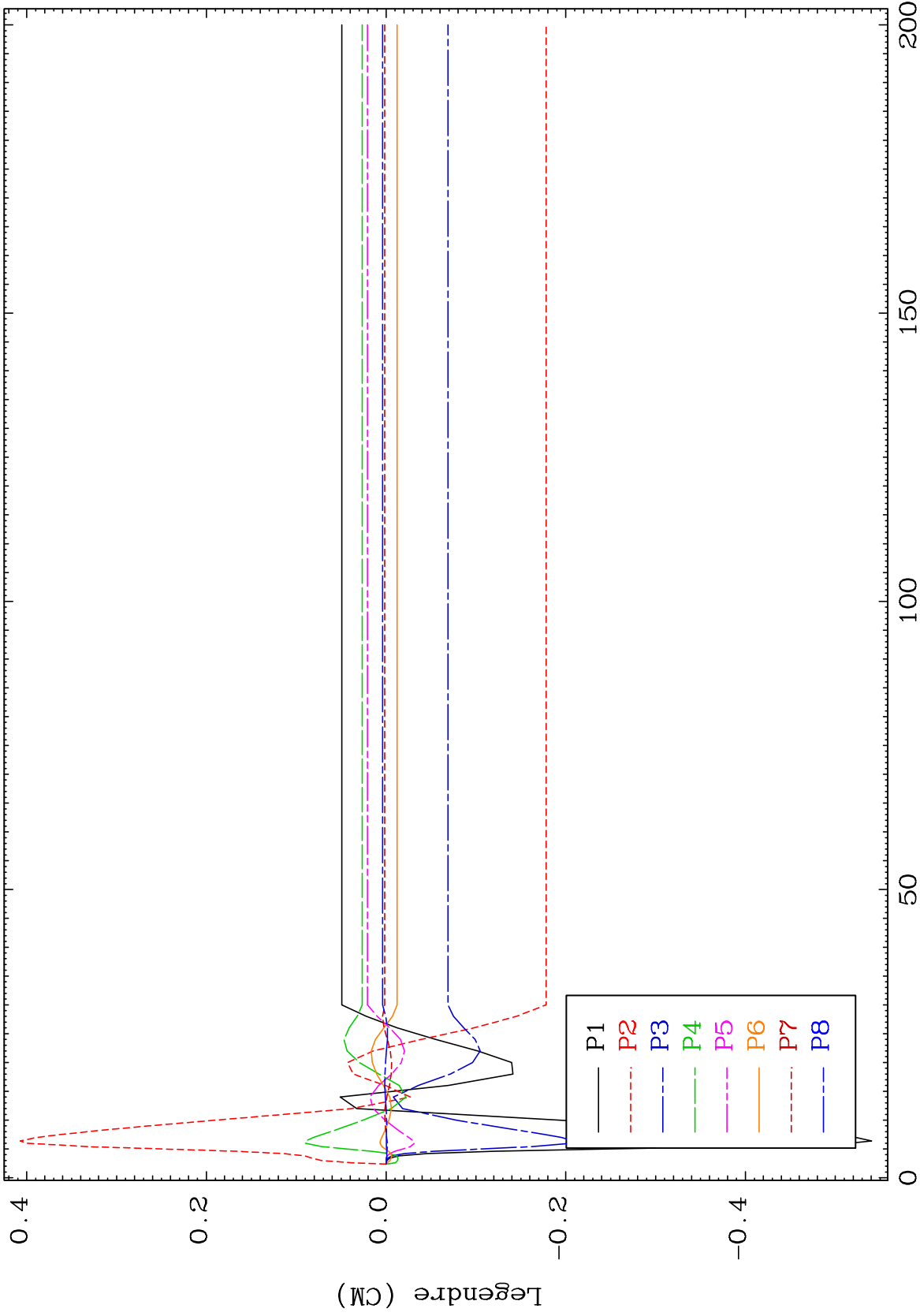
200

58-Ce-152

MAT 5873

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

58-Ce-152



41

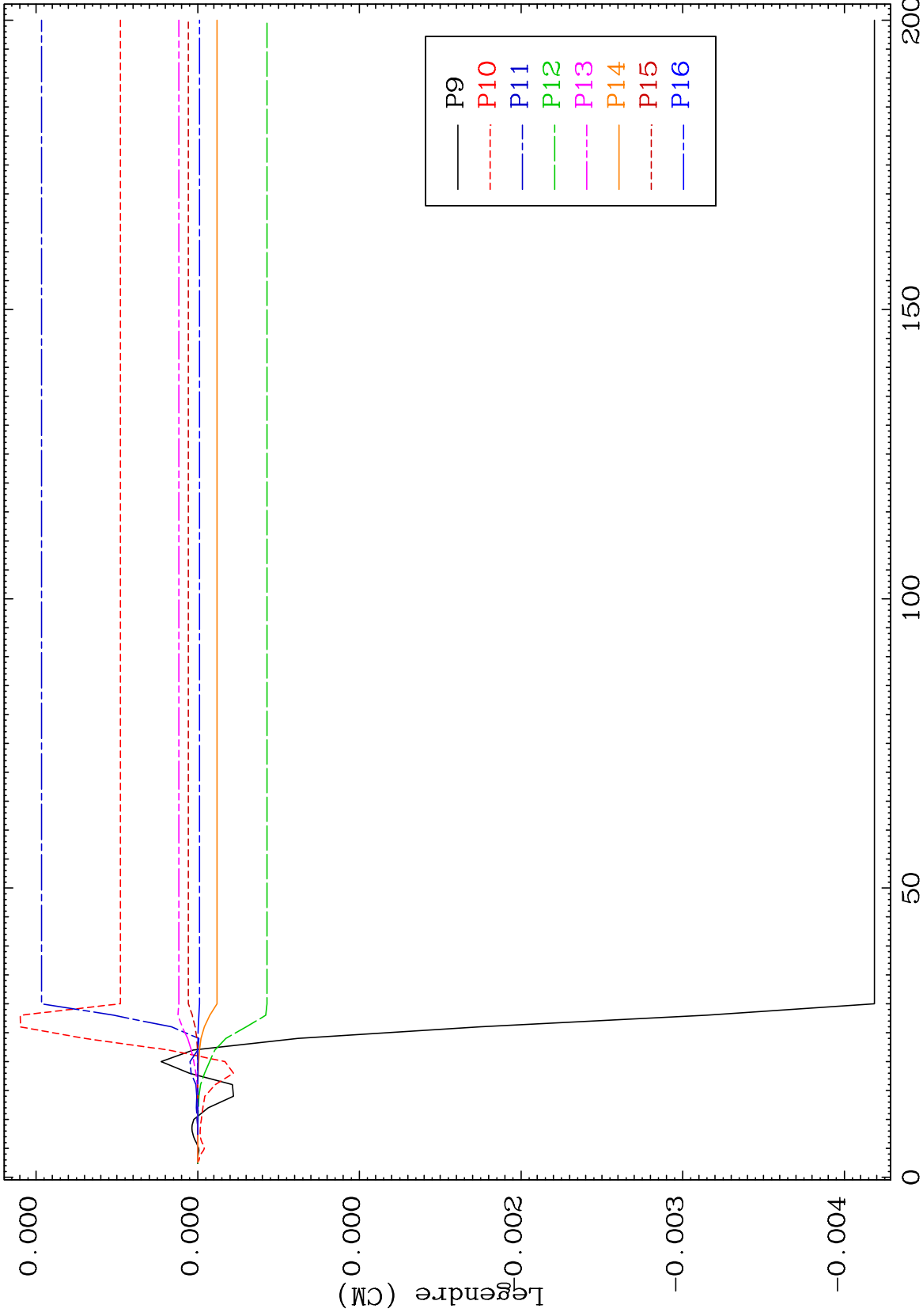
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



42

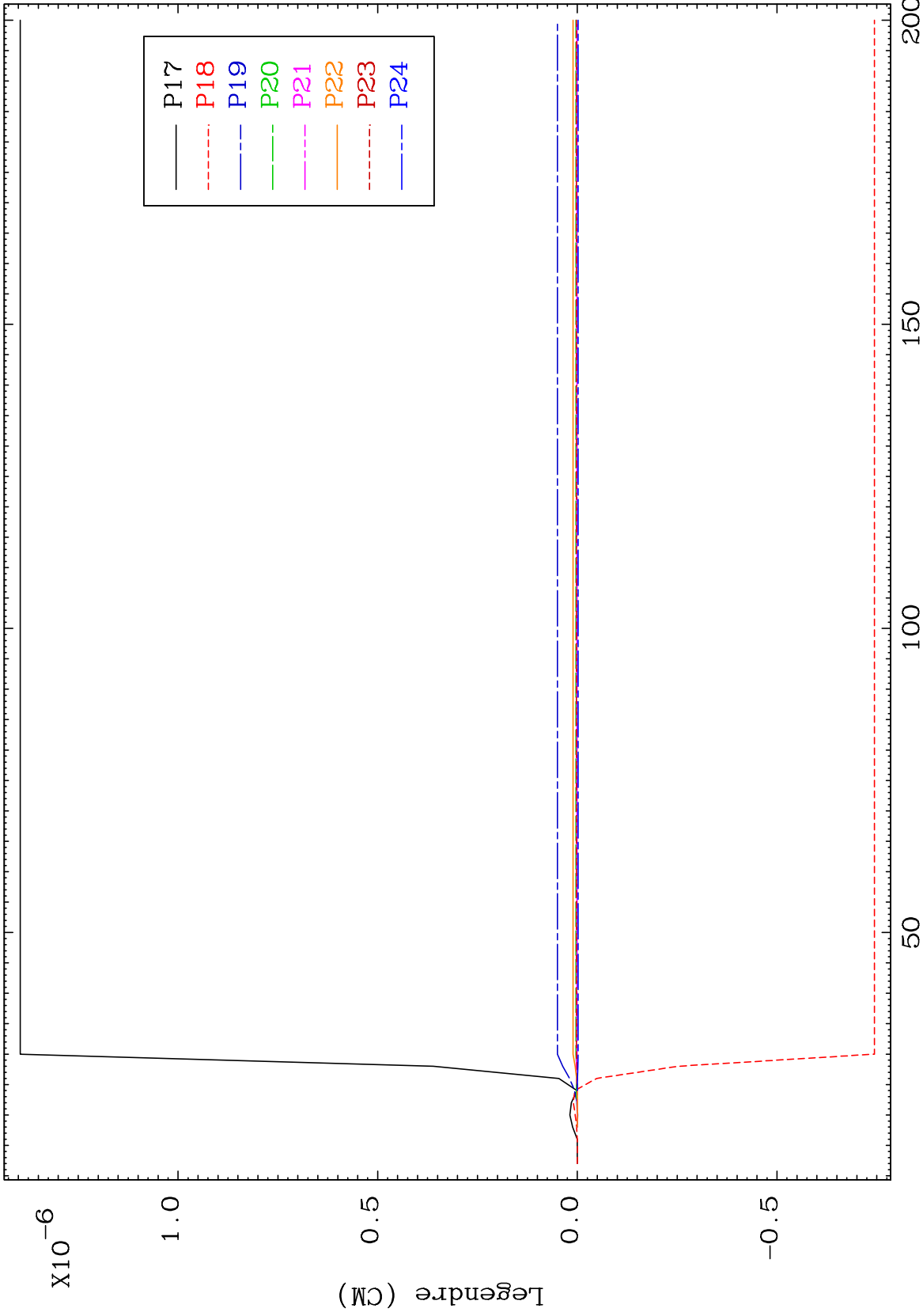
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



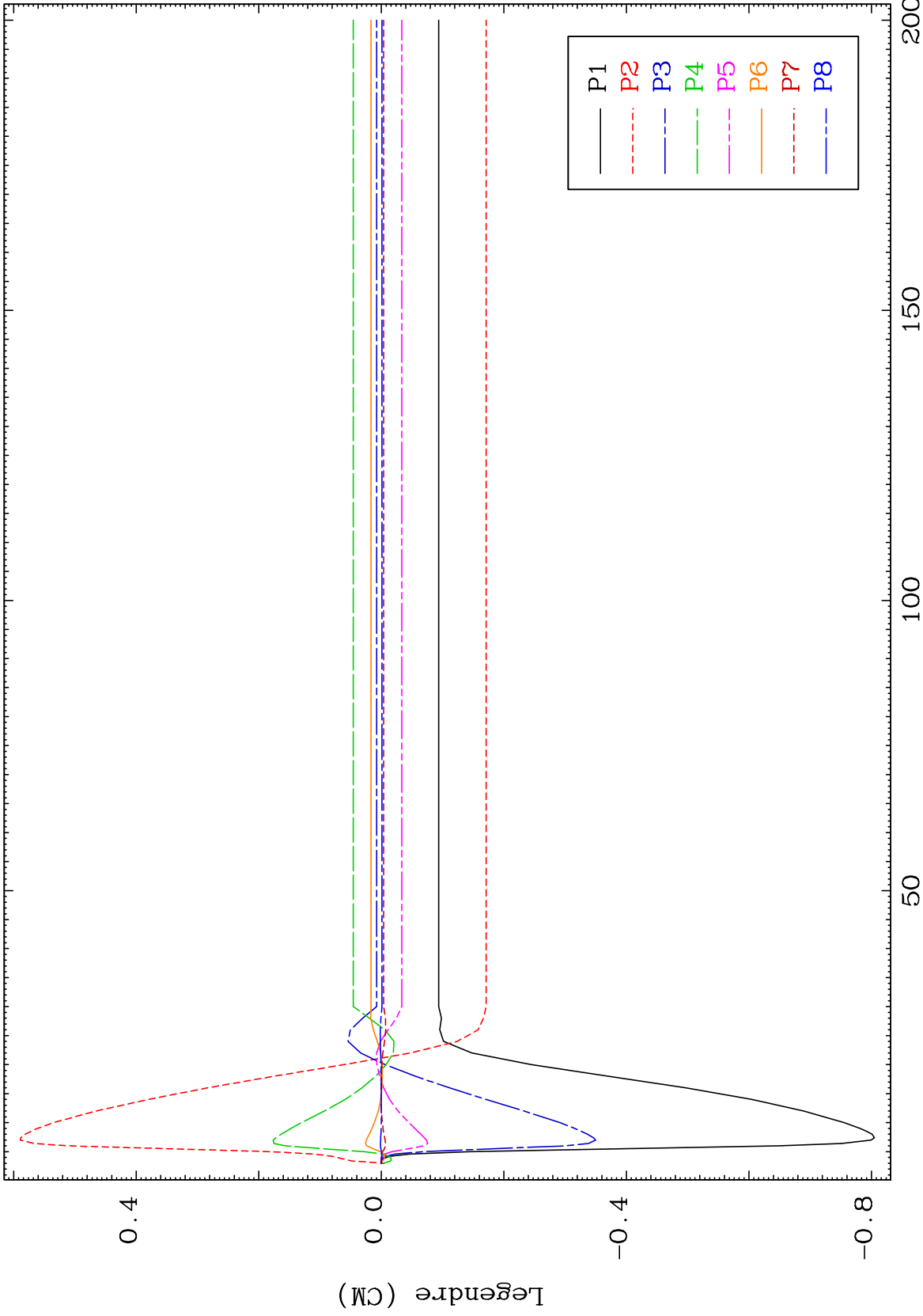
43

58-Ce-152

MAT 5873

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

58-Ce-152



44

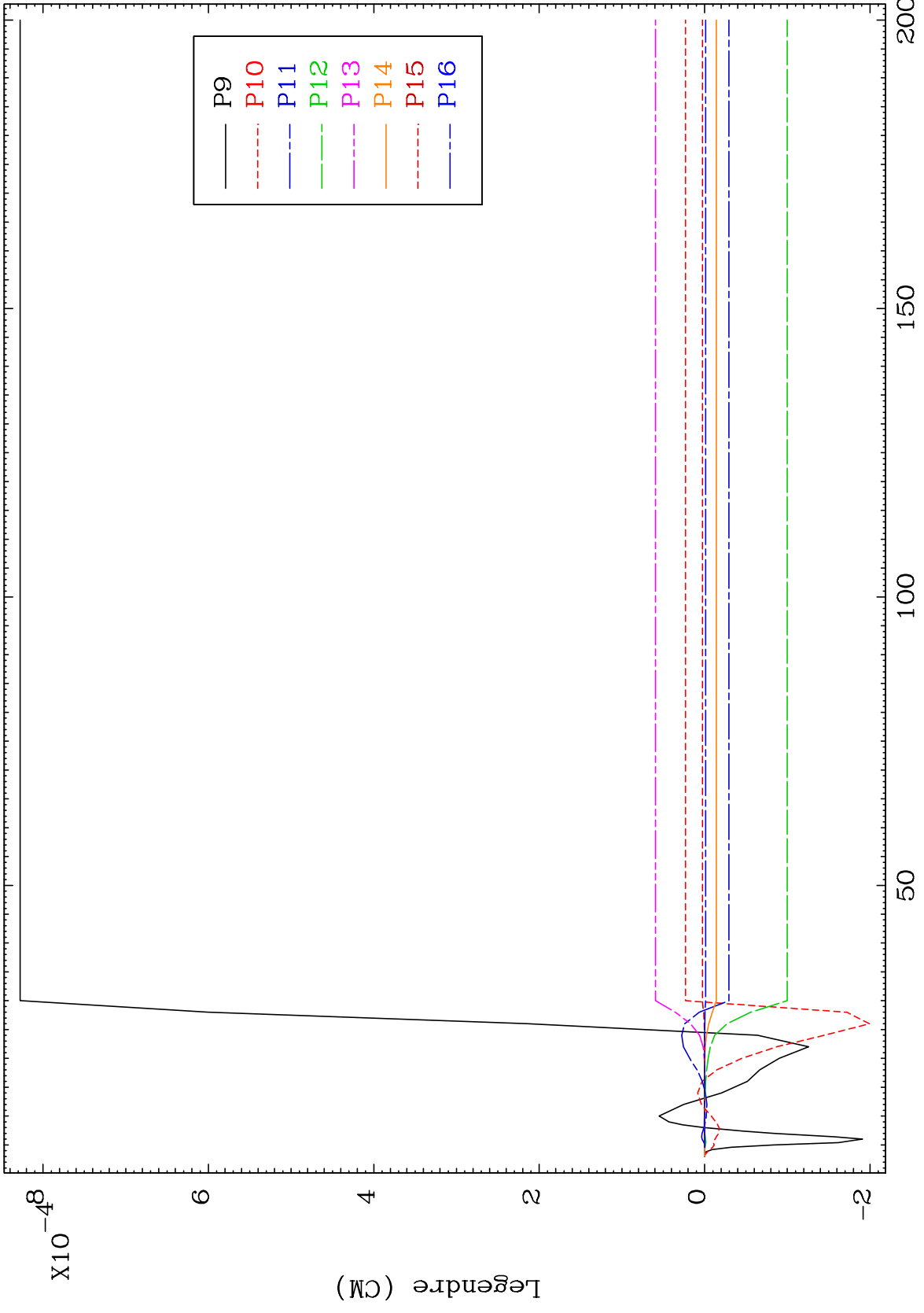
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



45

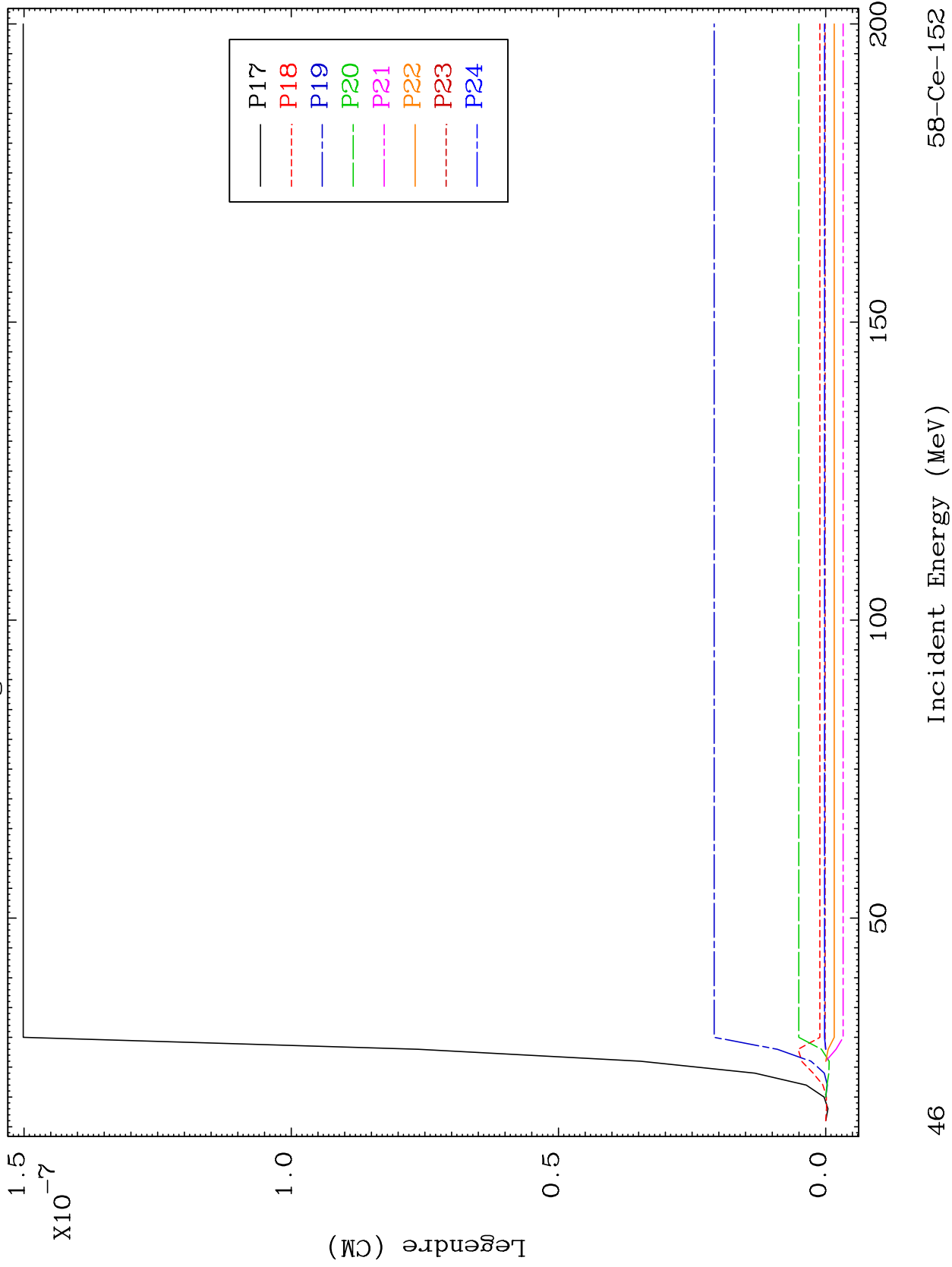
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



46

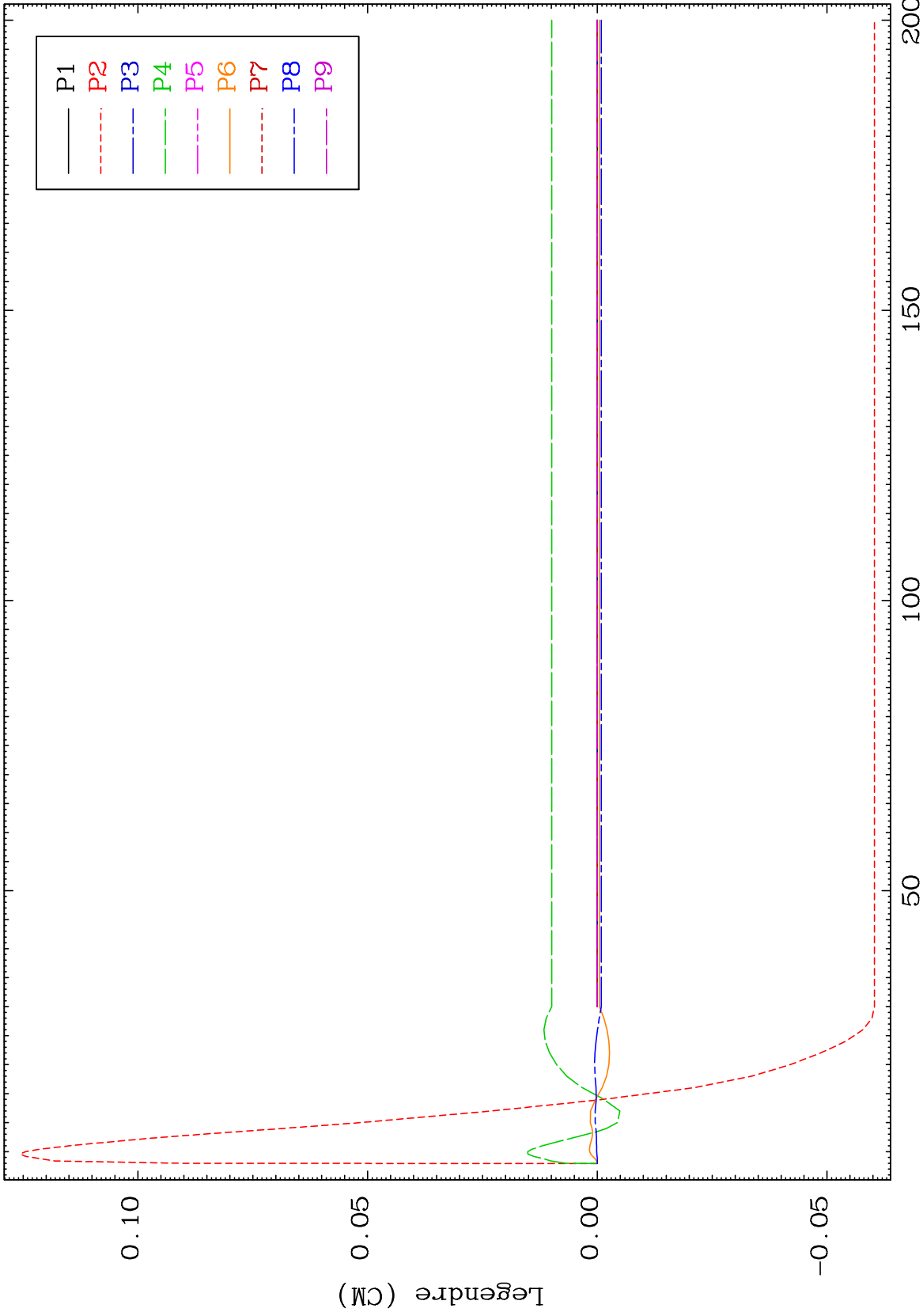
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



47

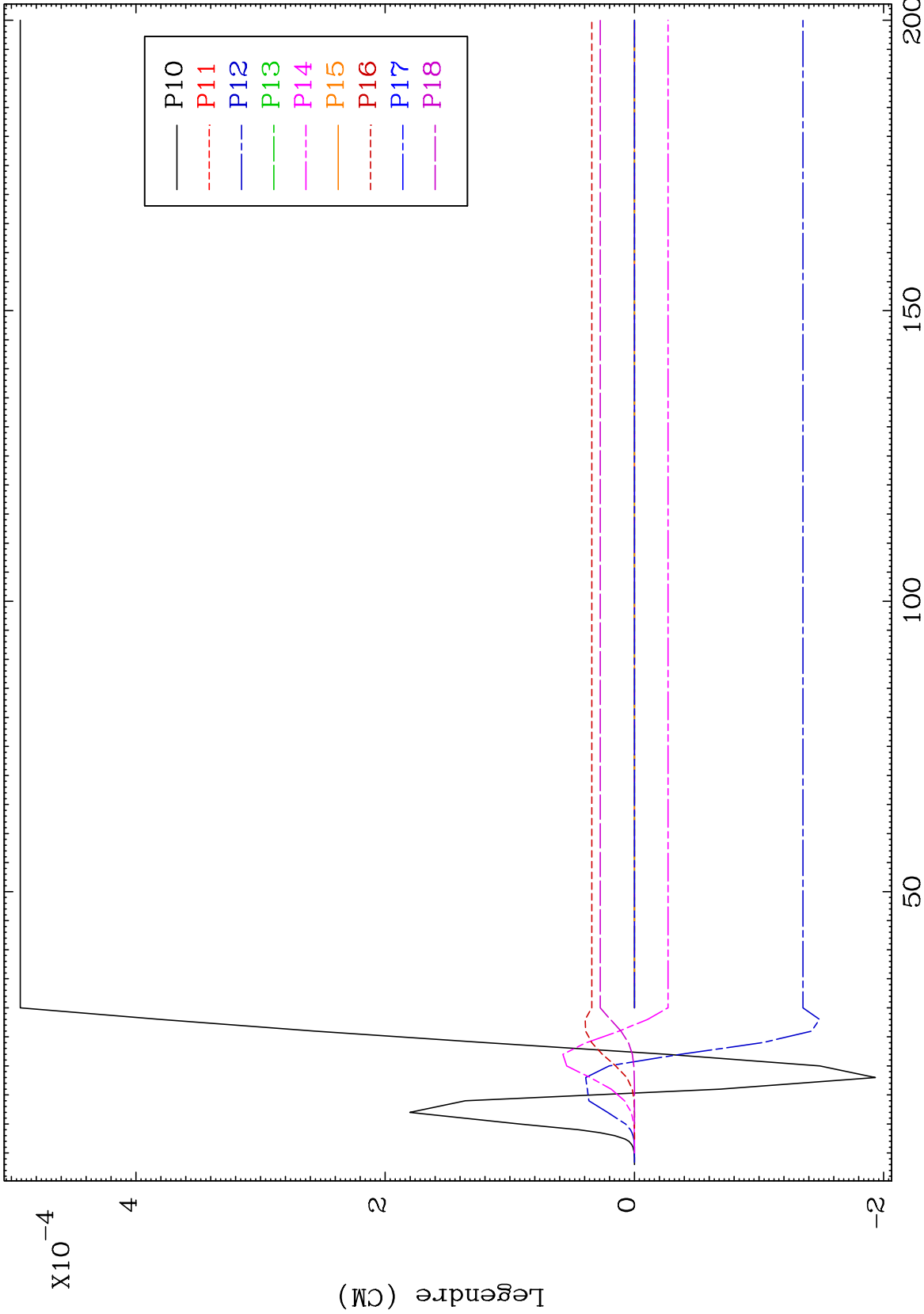
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



48

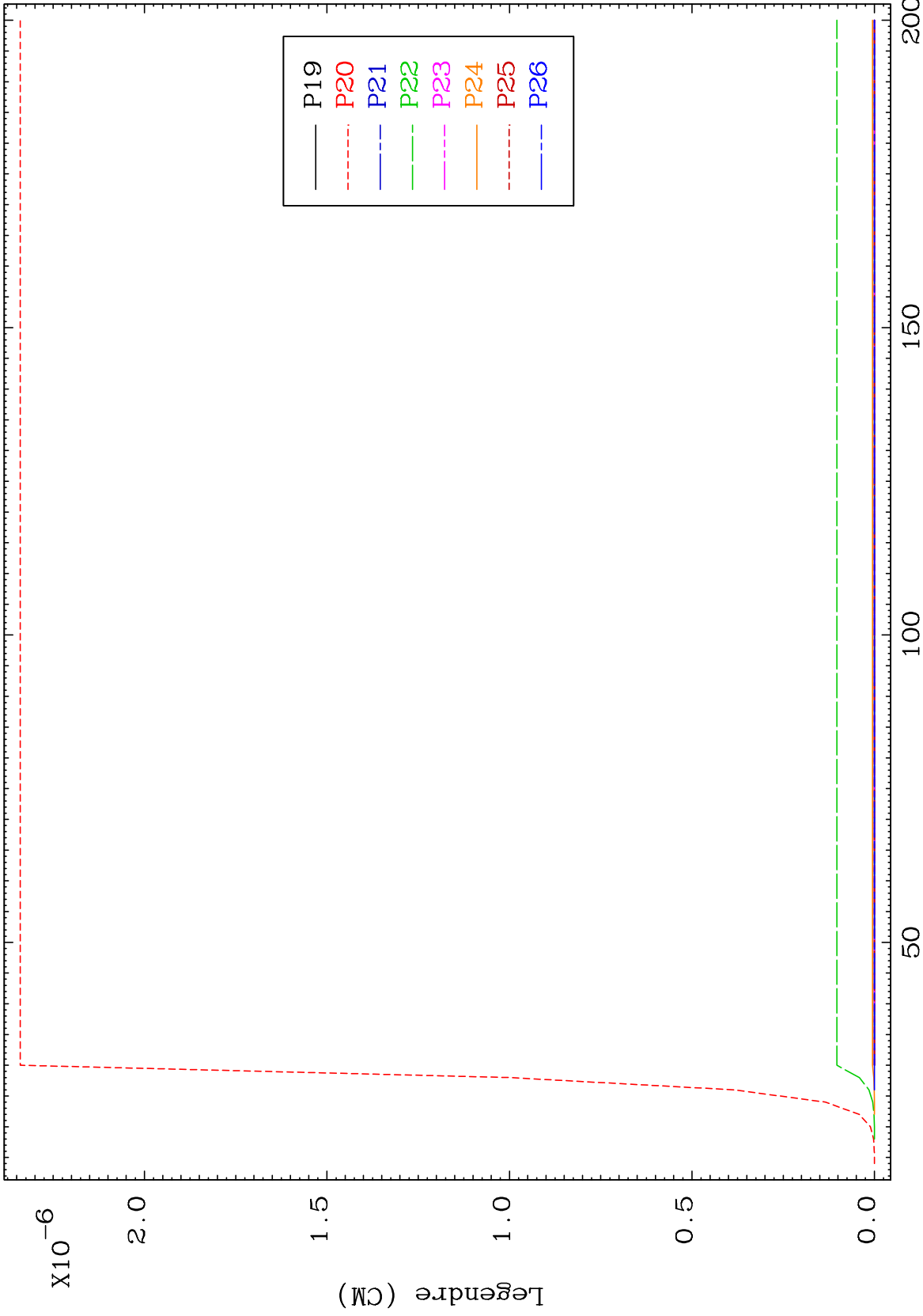
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



49

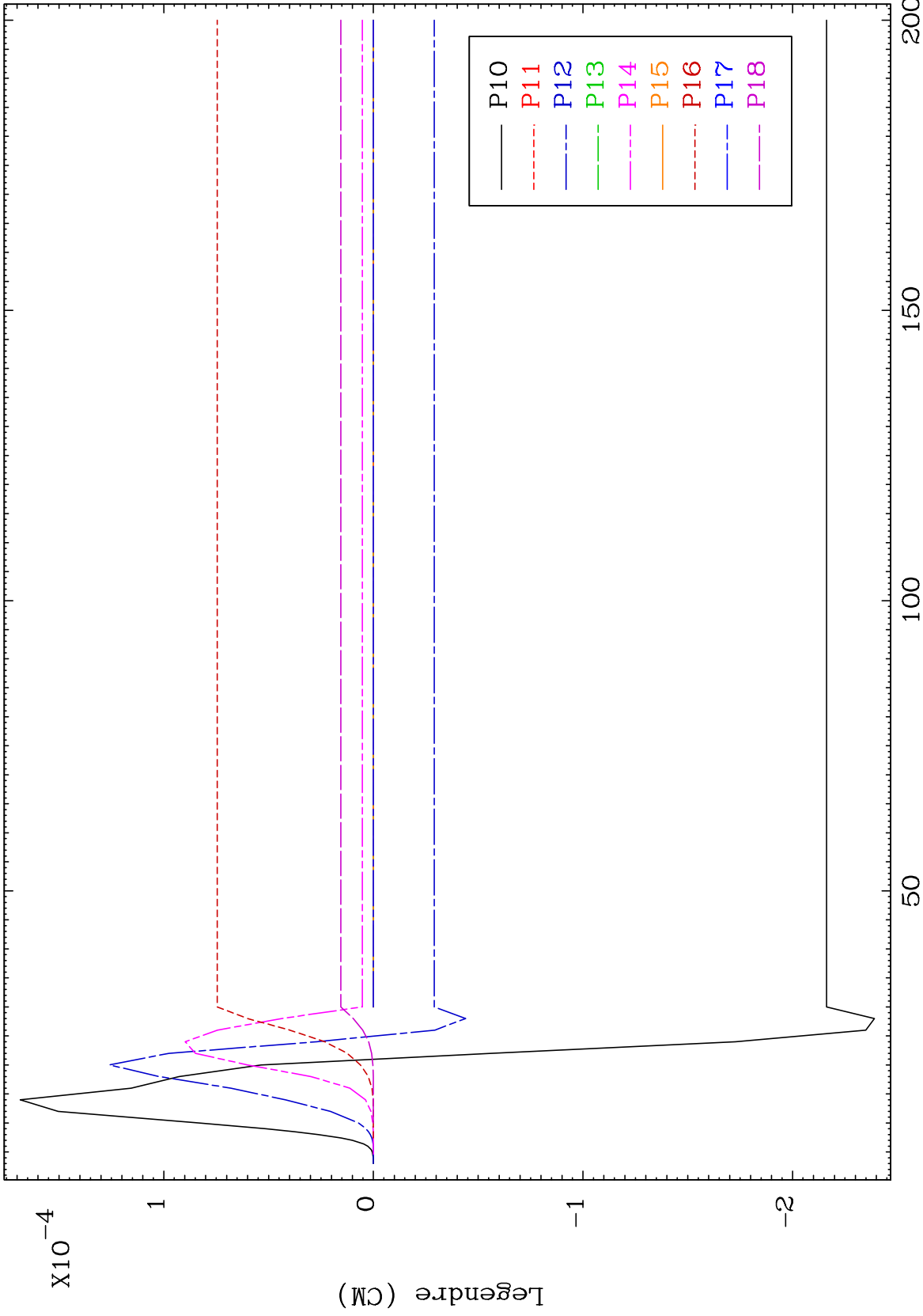
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



51

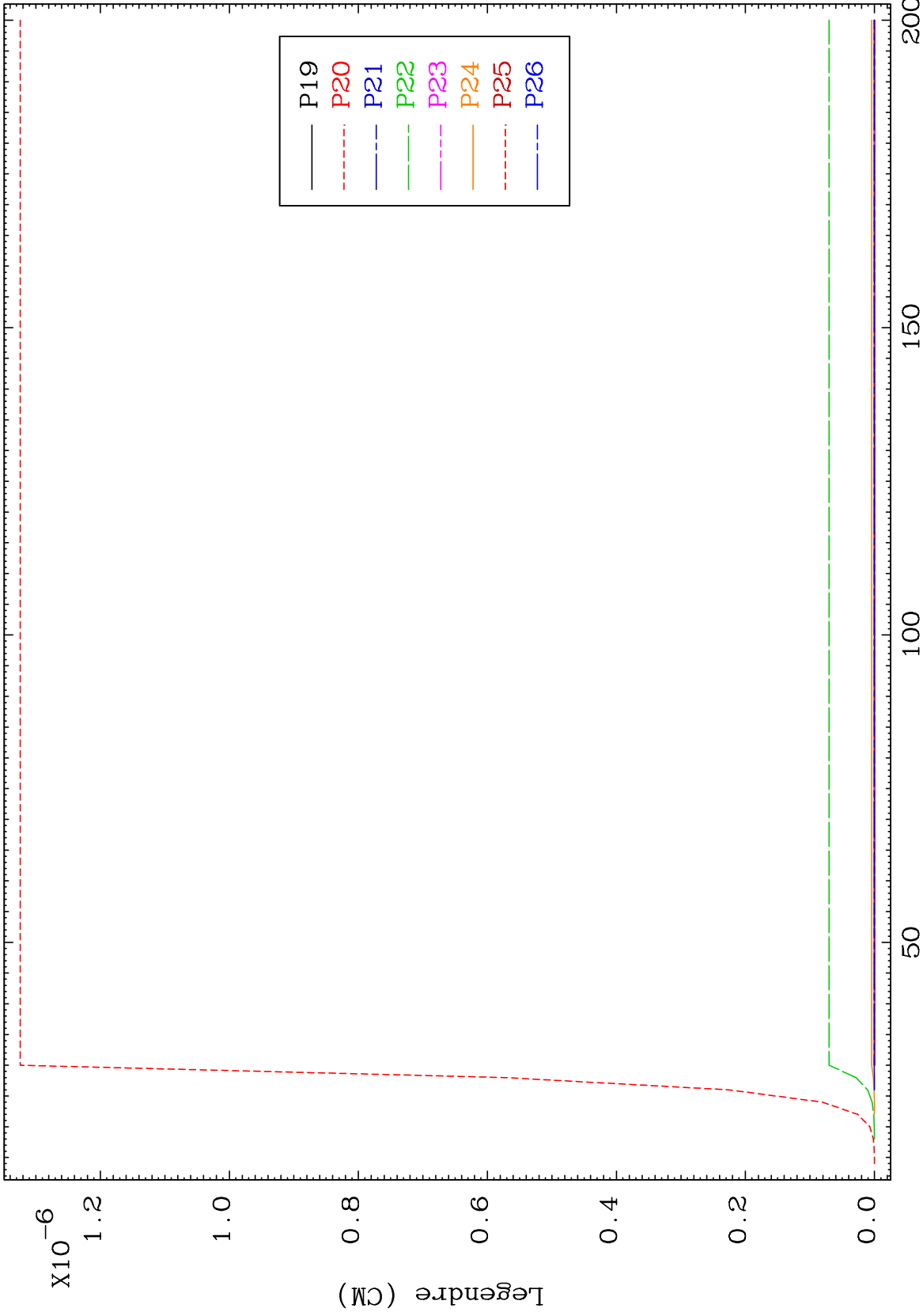
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



52

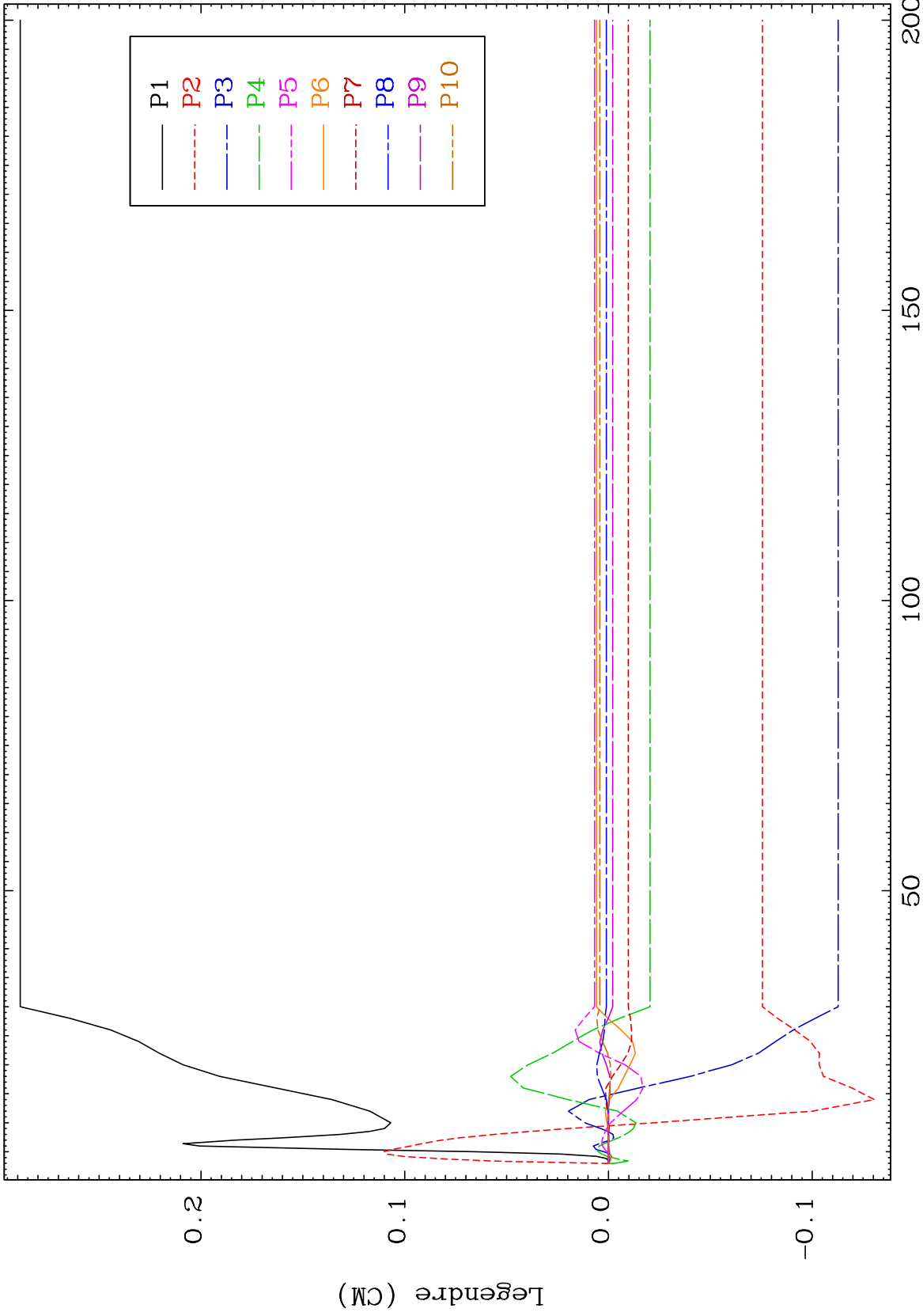
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



53

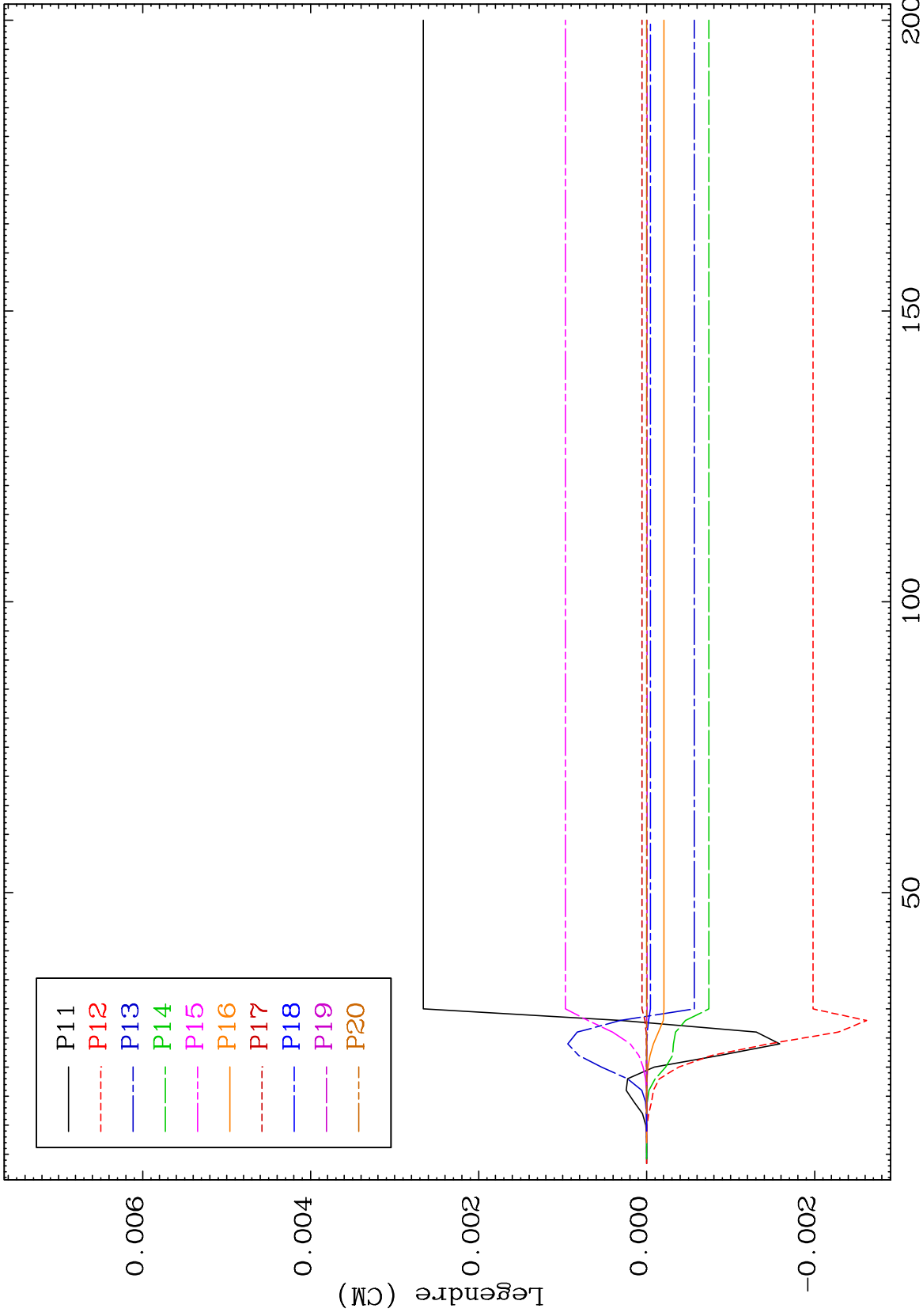
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



54

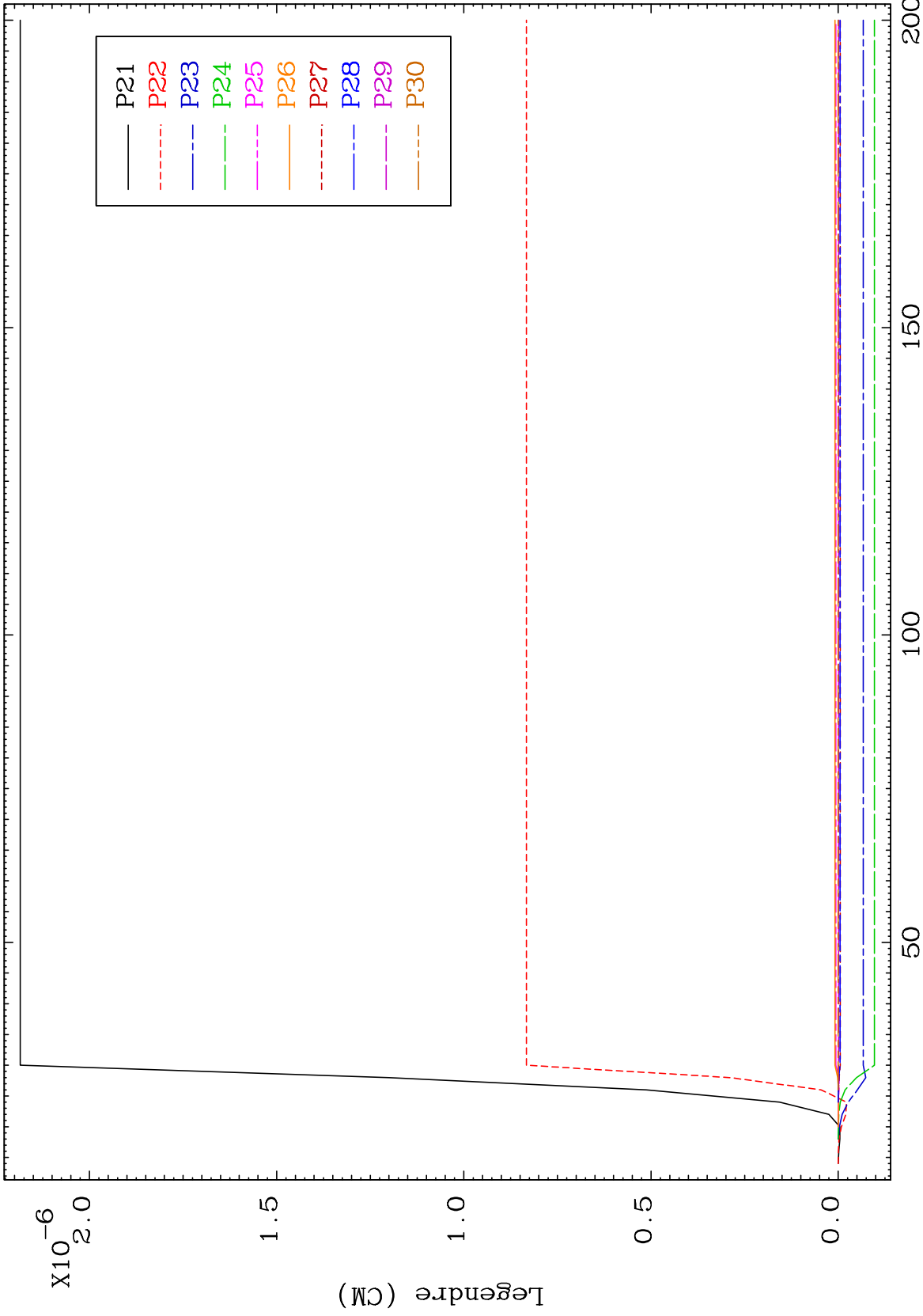
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



55

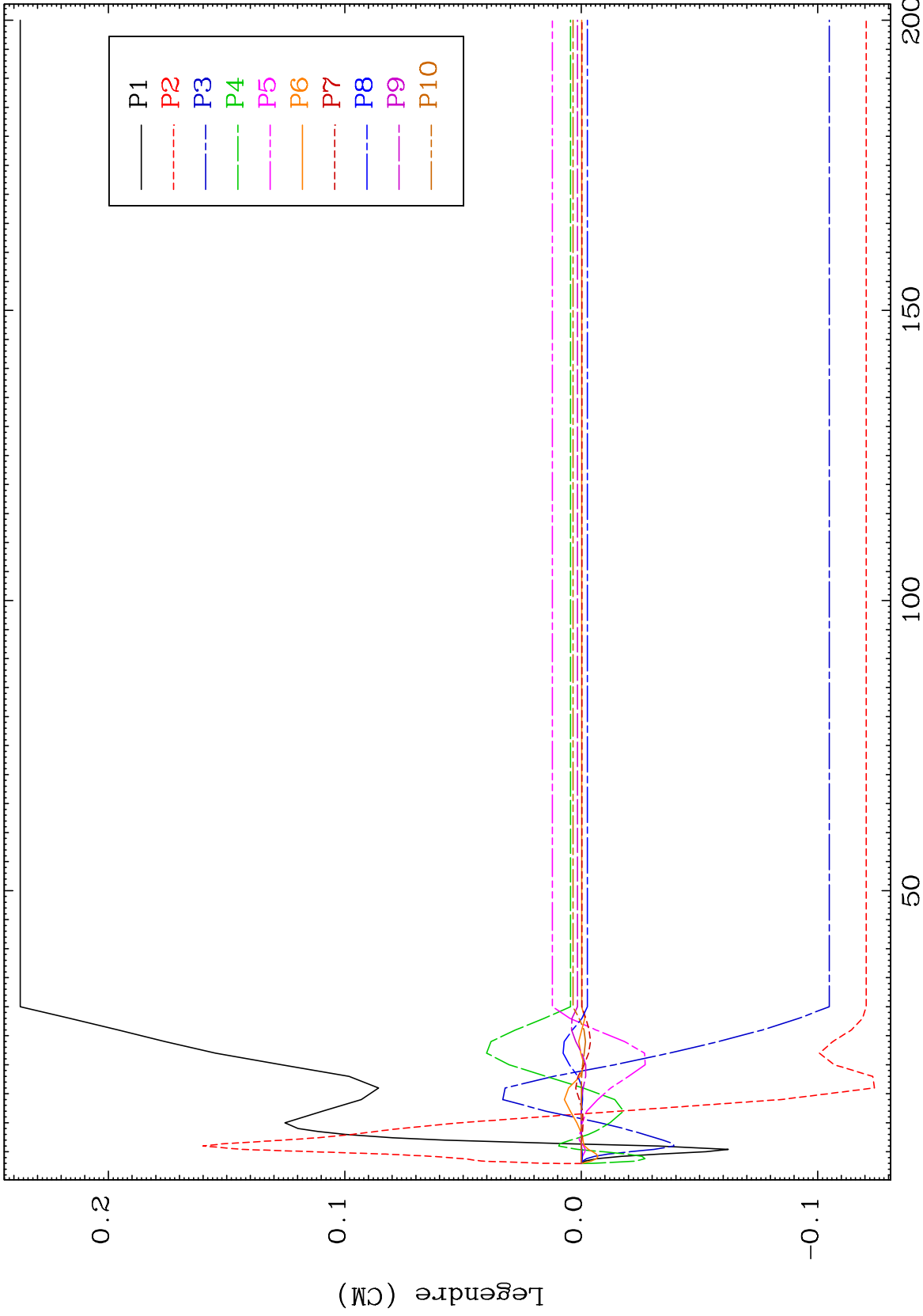
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



56

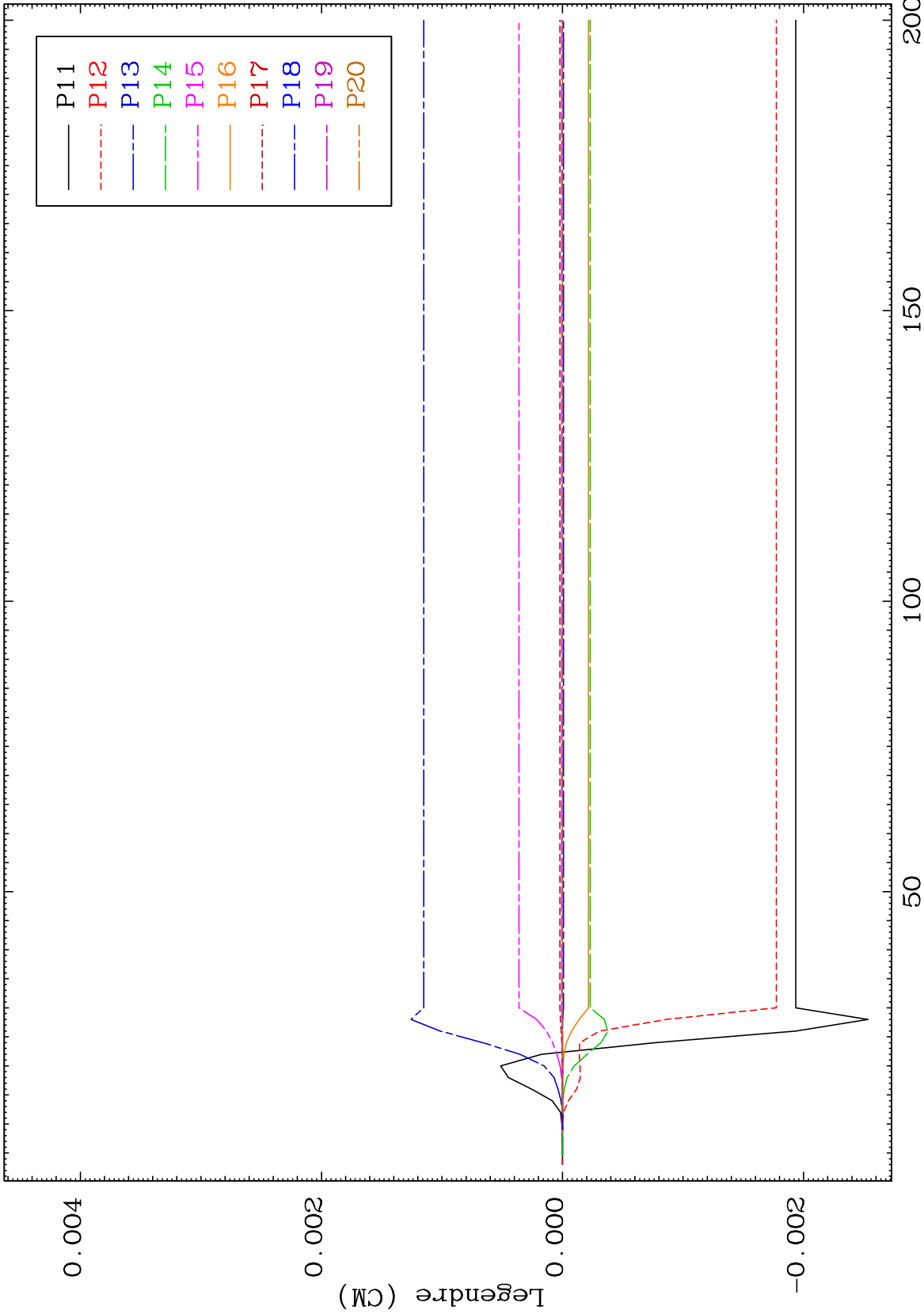
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



57

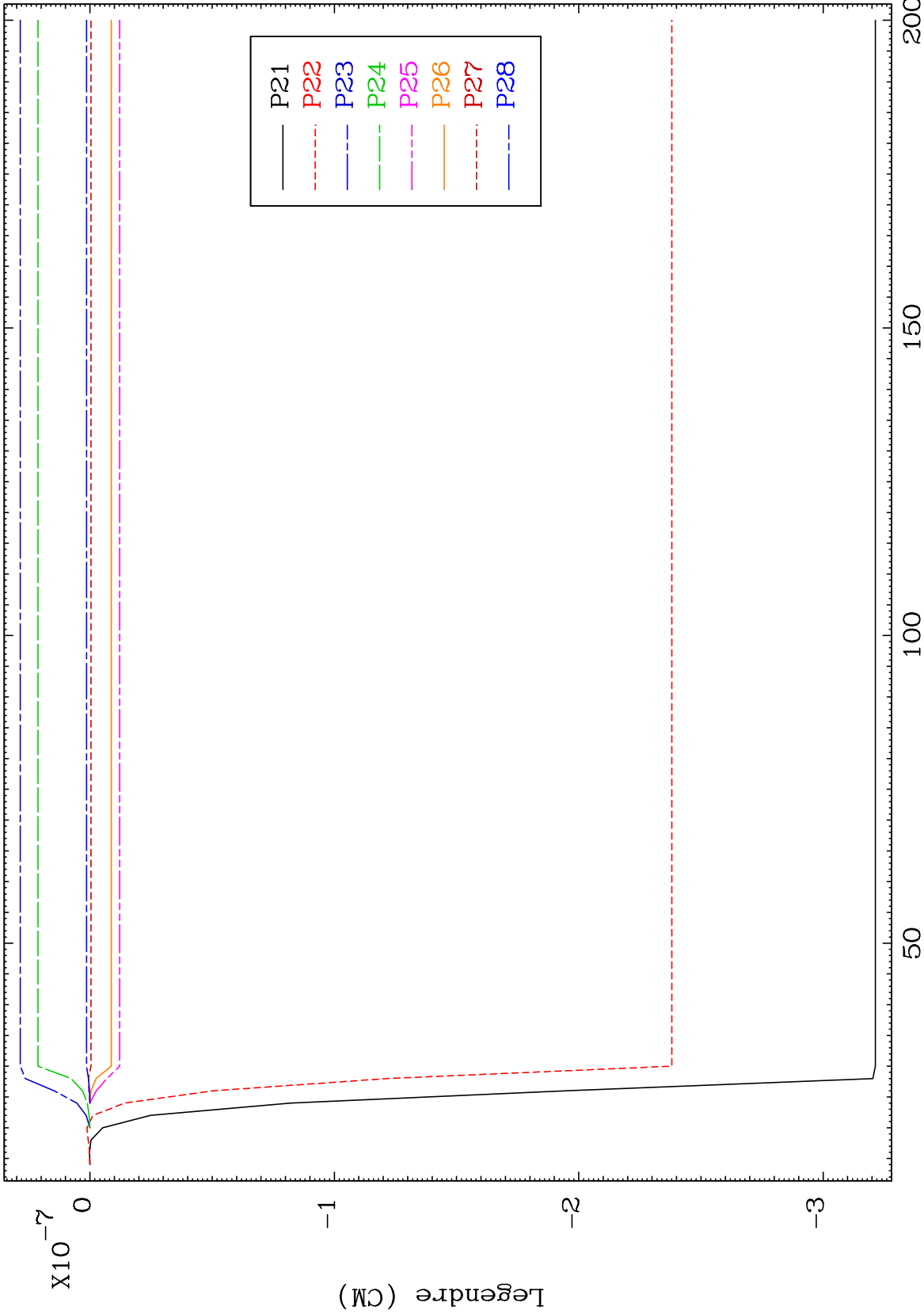
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152

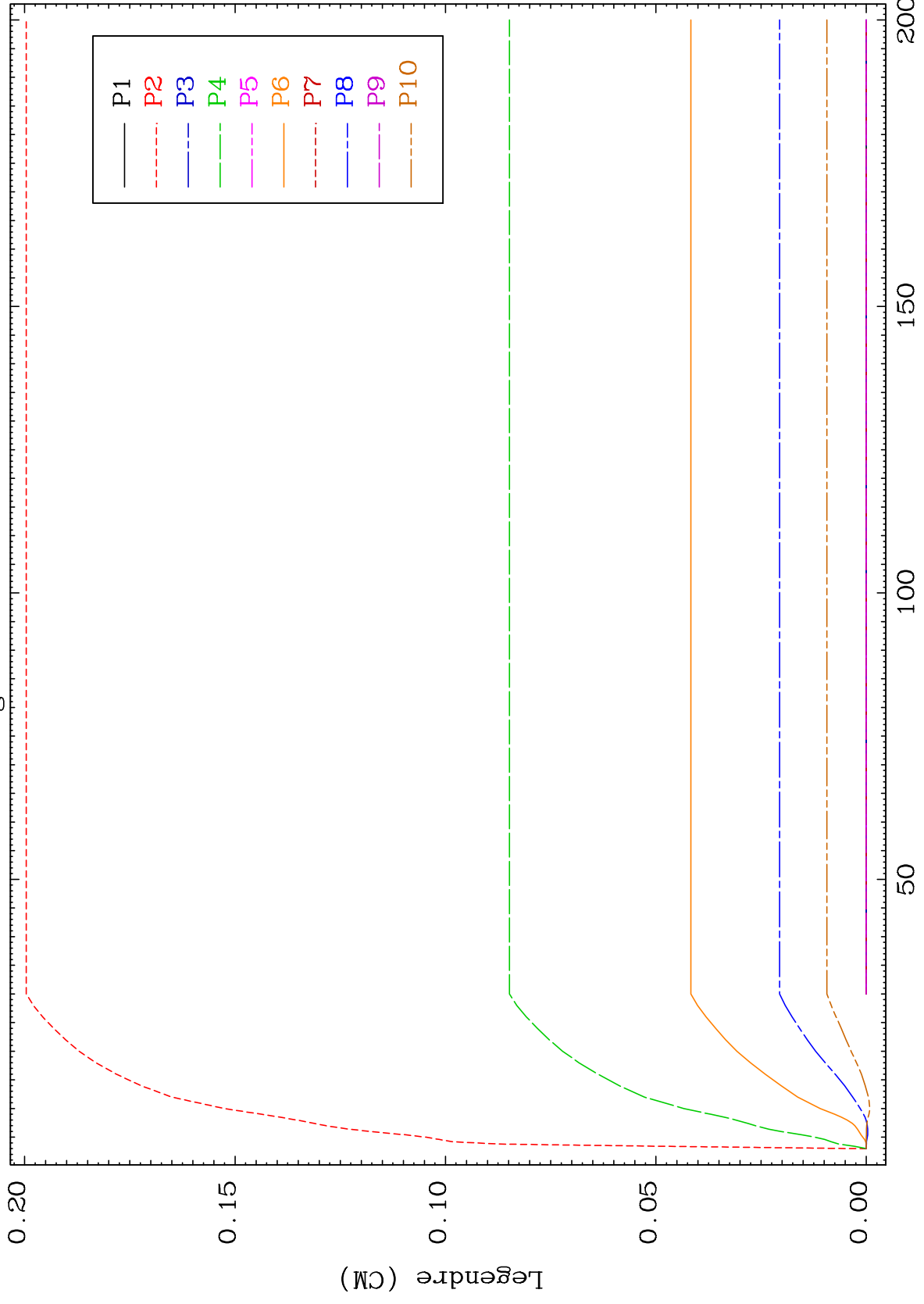


58

Incident Energy (MeV)

58-Ce-152

MAT 5873 MT= 63 (n,n') Level Legendre Coefficients 58-Ce-152

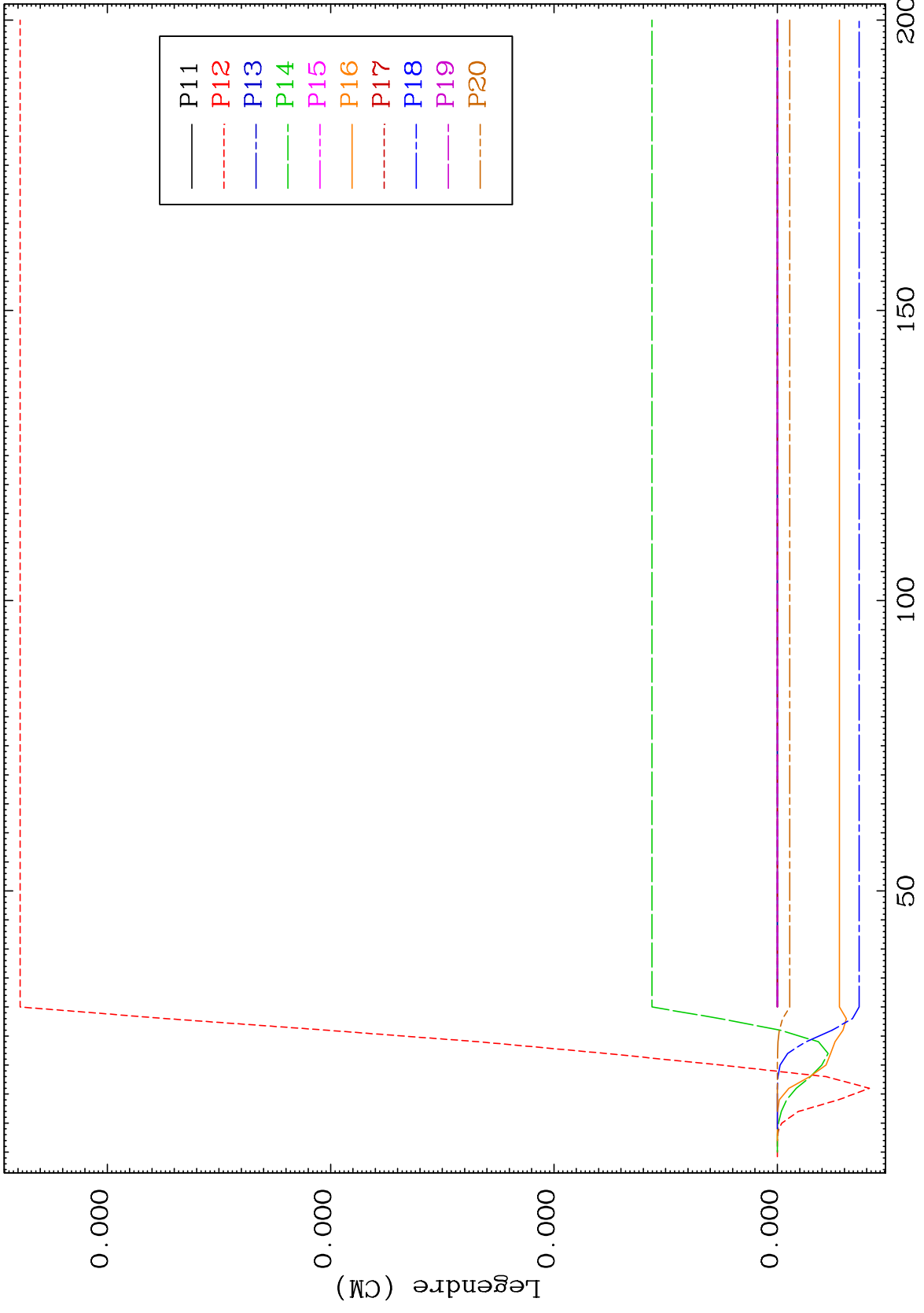


59 Incident Energy (MeV) 58-Ce-152

MAT 5873

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

58-Ce-152



60

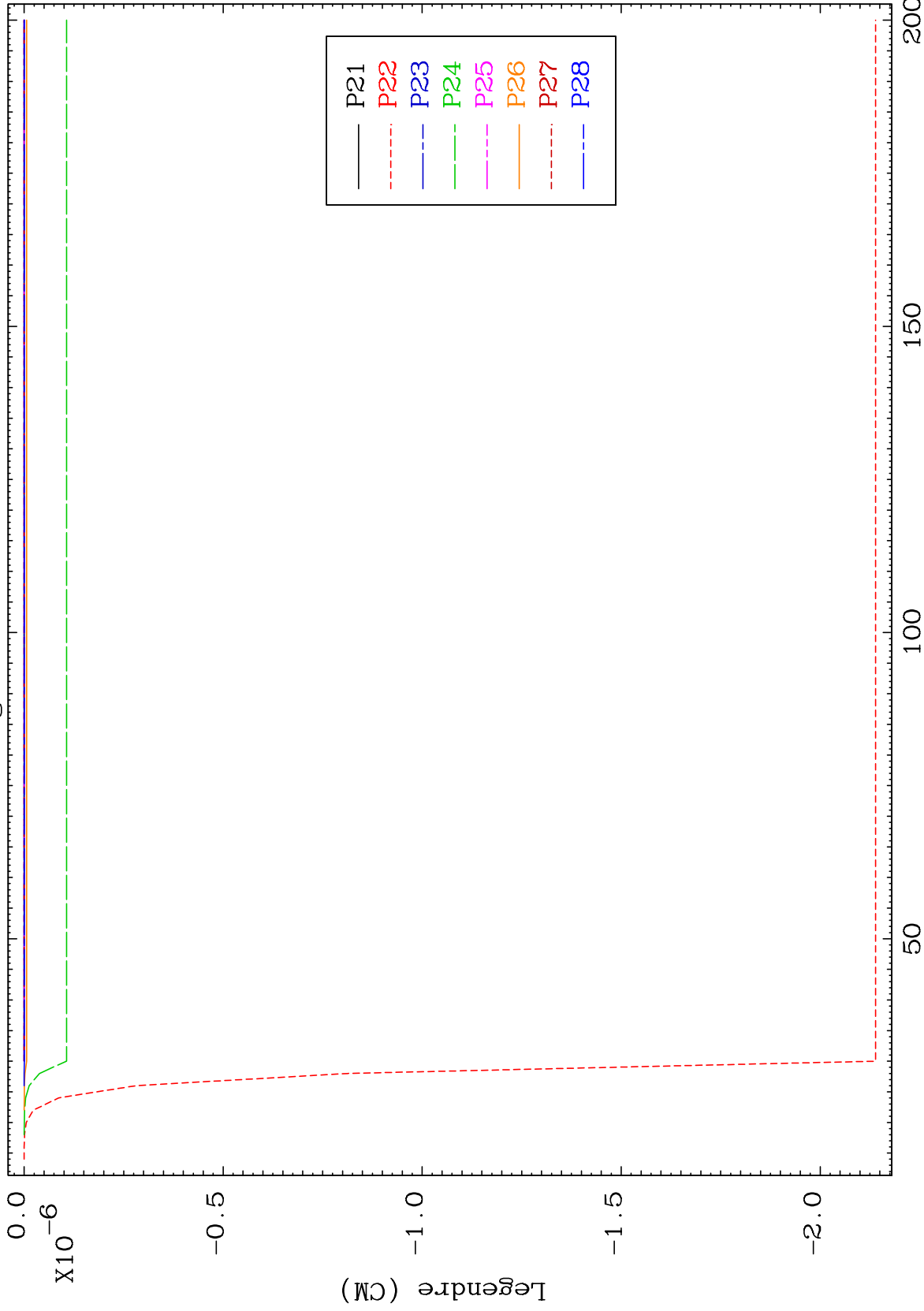
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



61

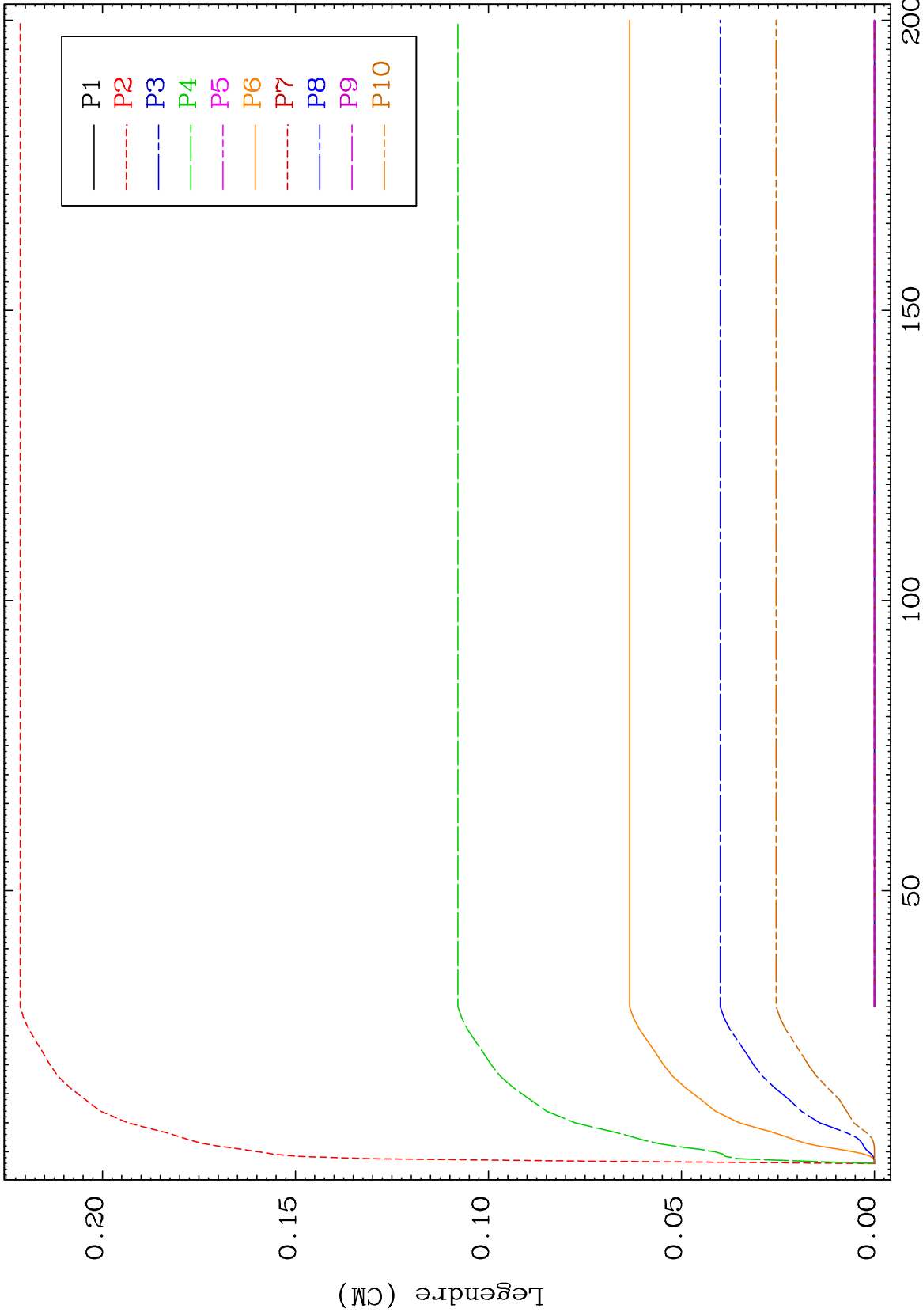
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



62

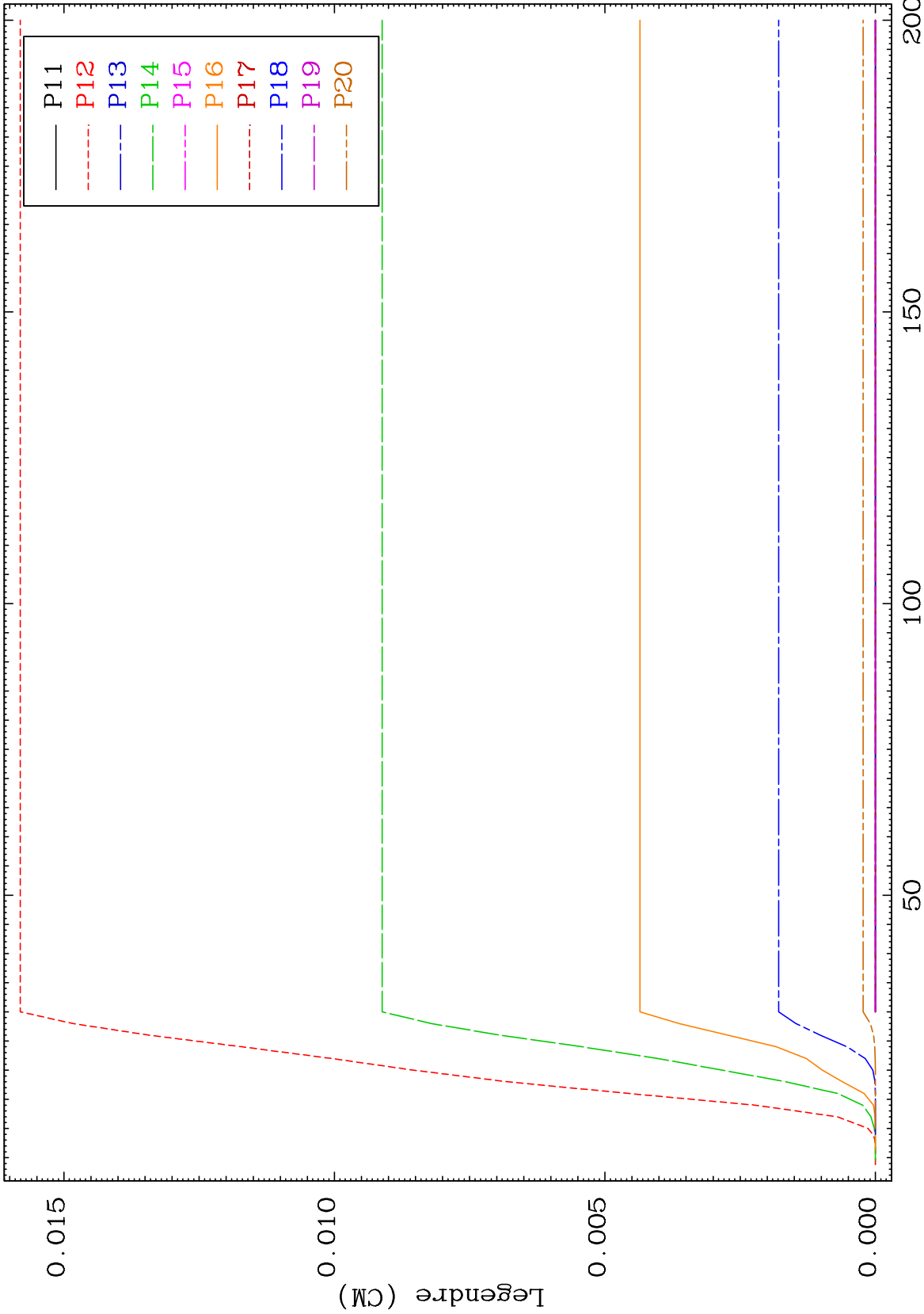
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



63

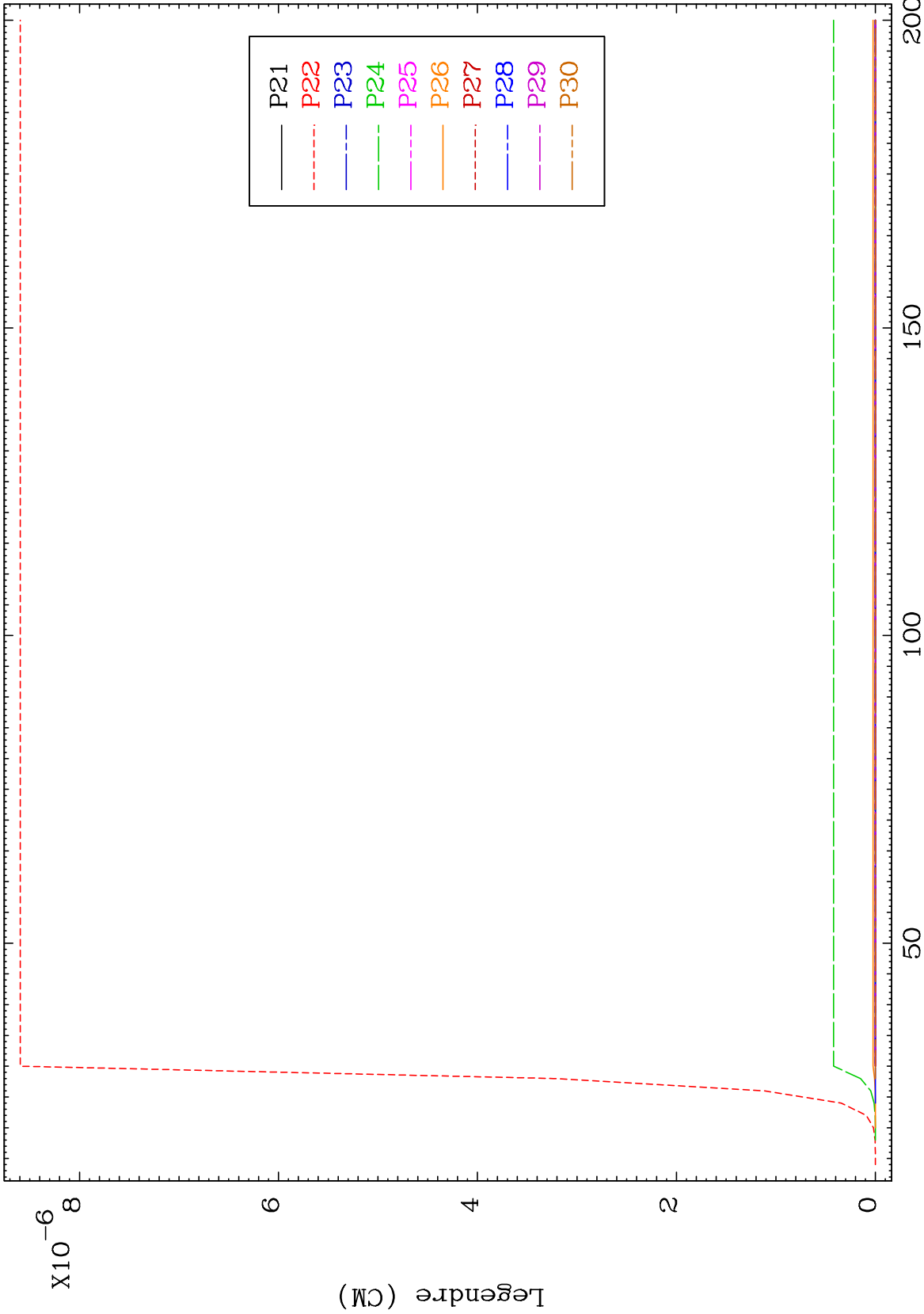
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



64

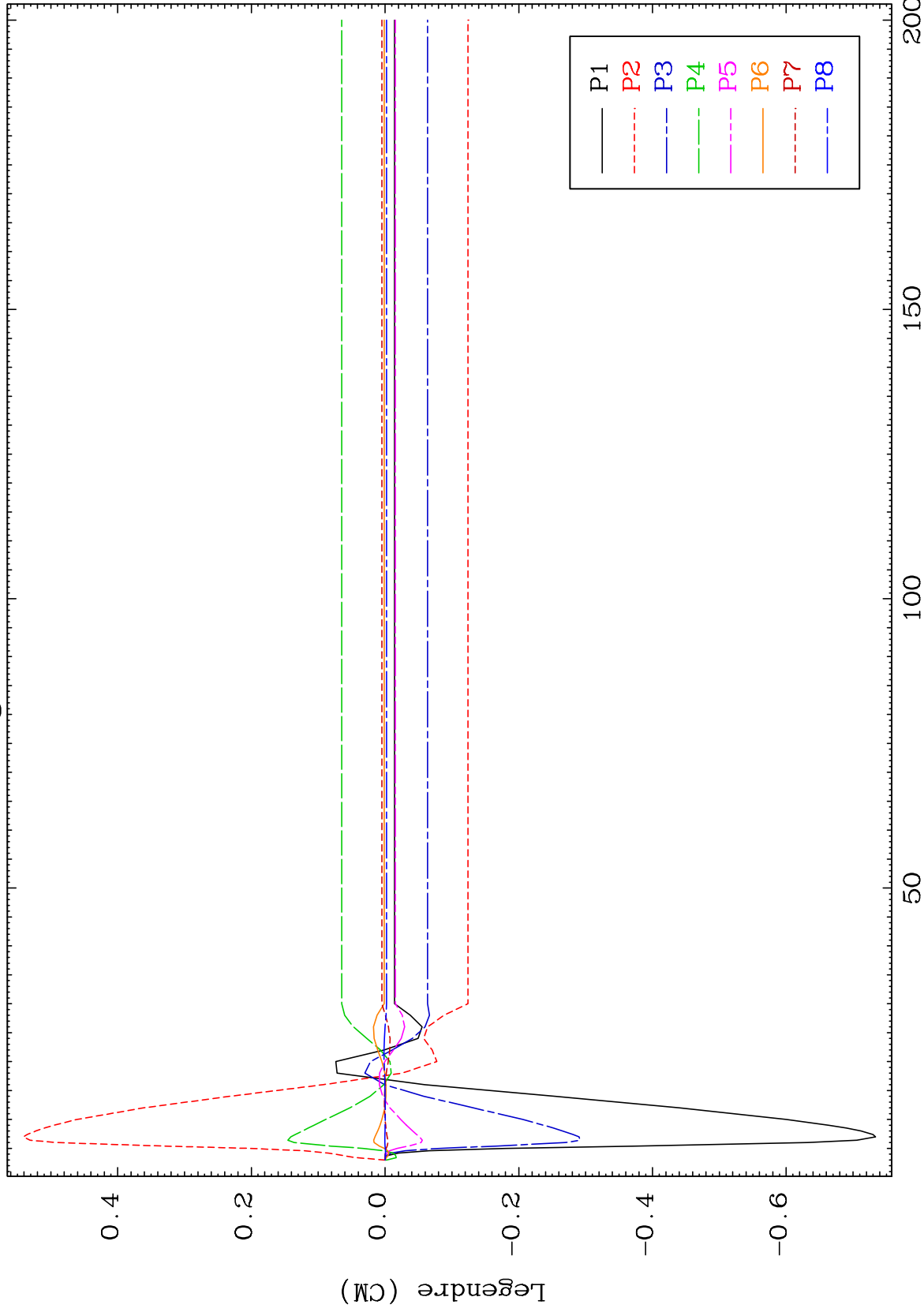
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



65

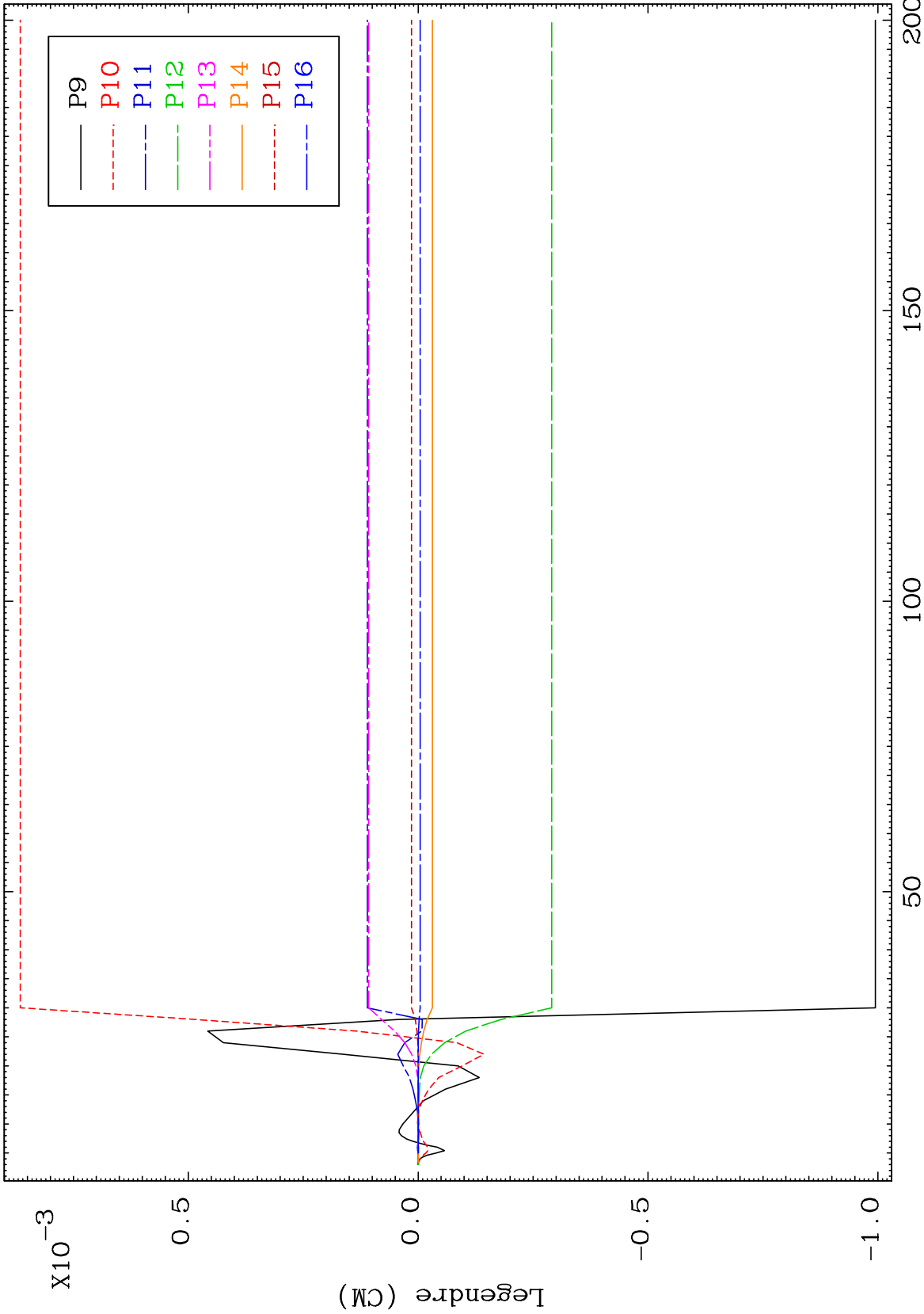
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



66

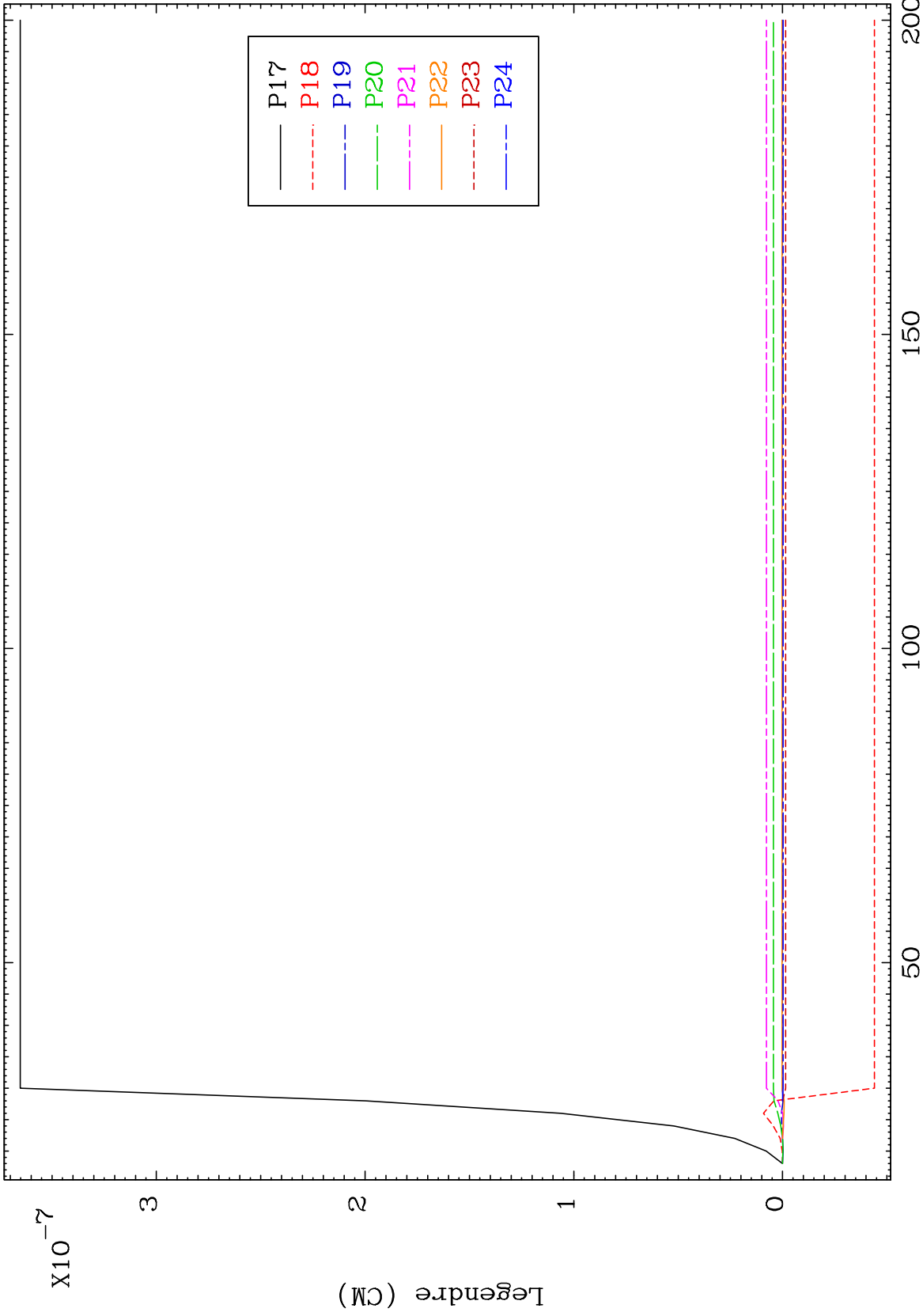
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



67

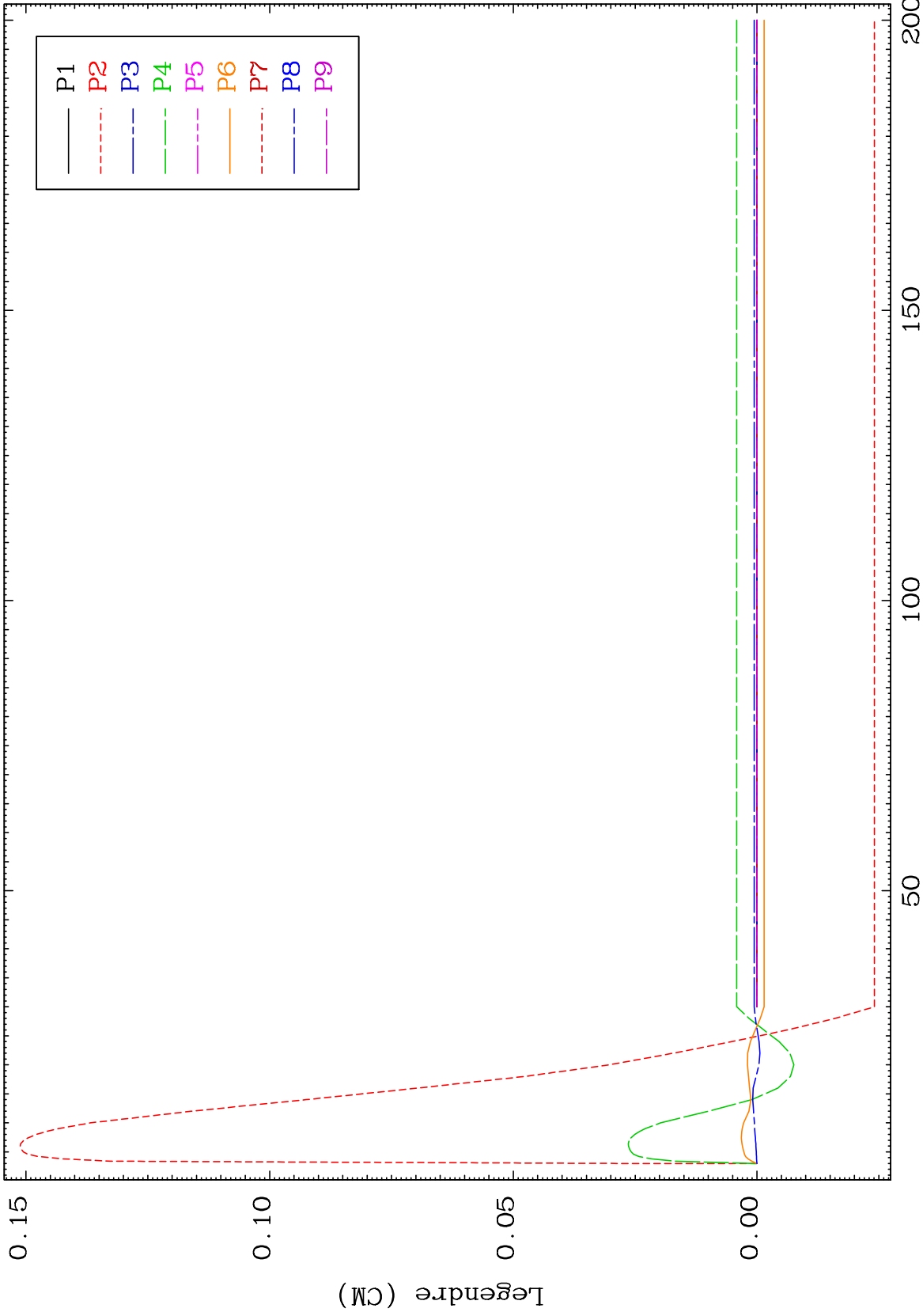
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



68

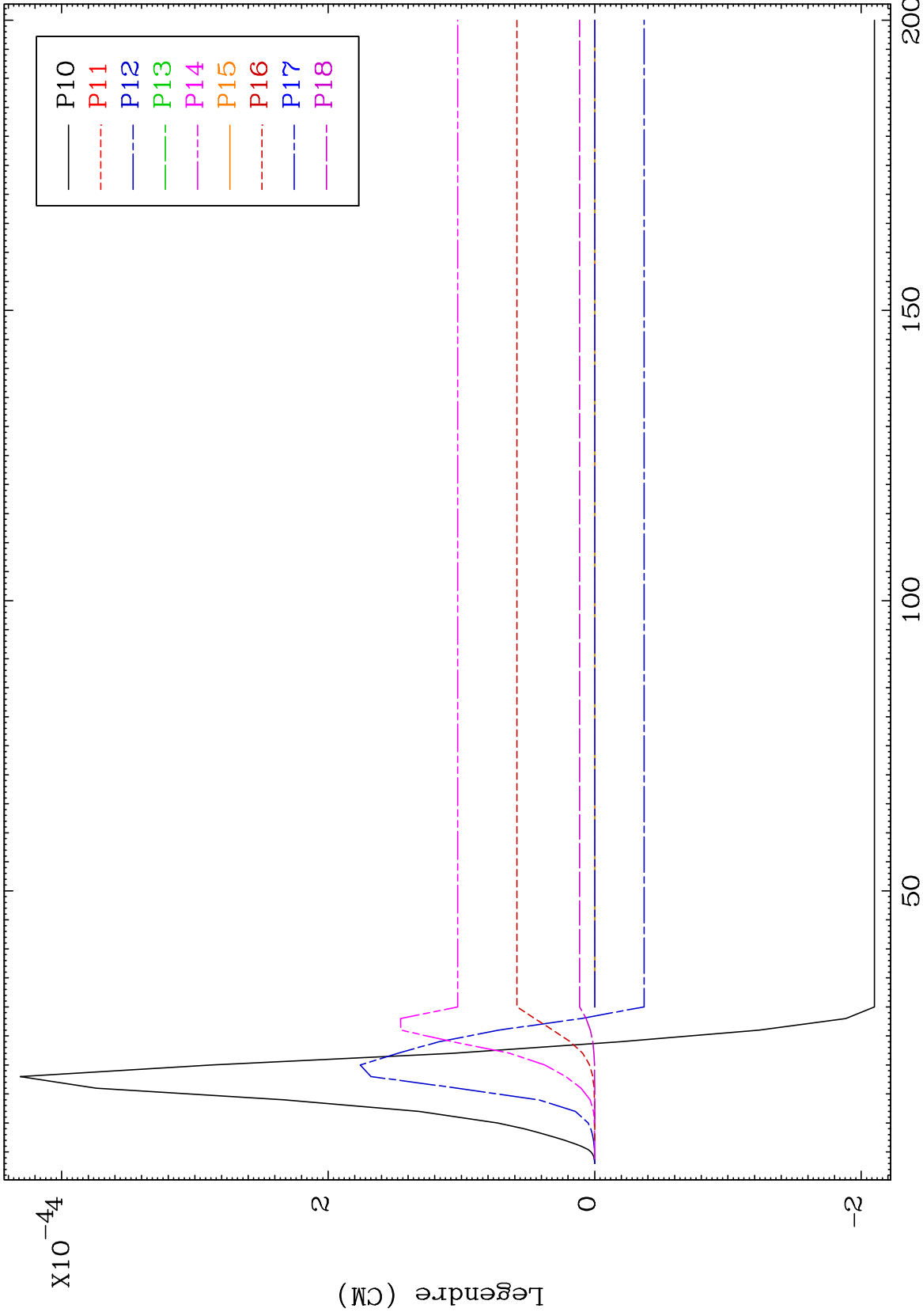
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



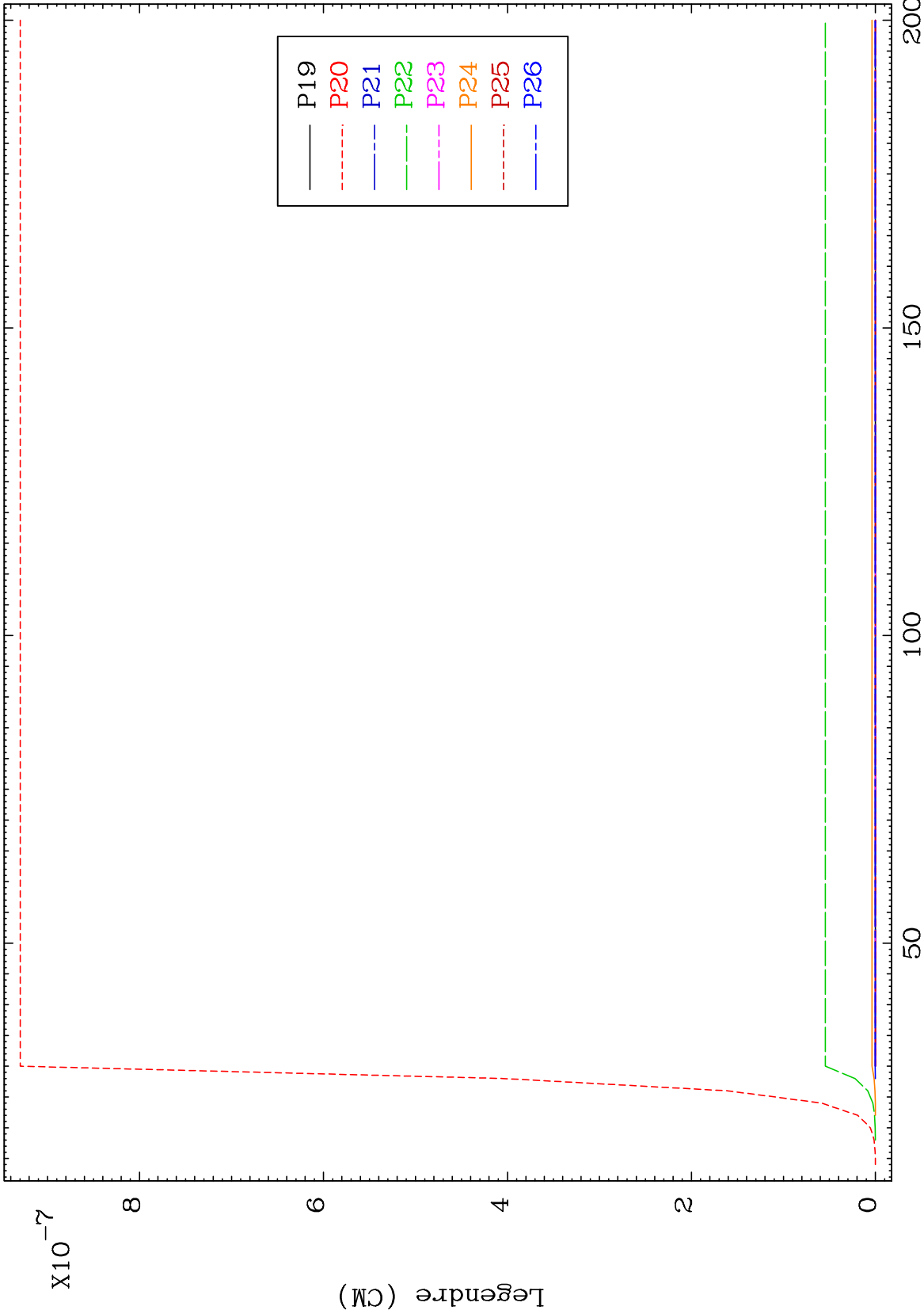
69

58-Ce-152

MAT 5873

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

58-Ce-152



70

50

100

150

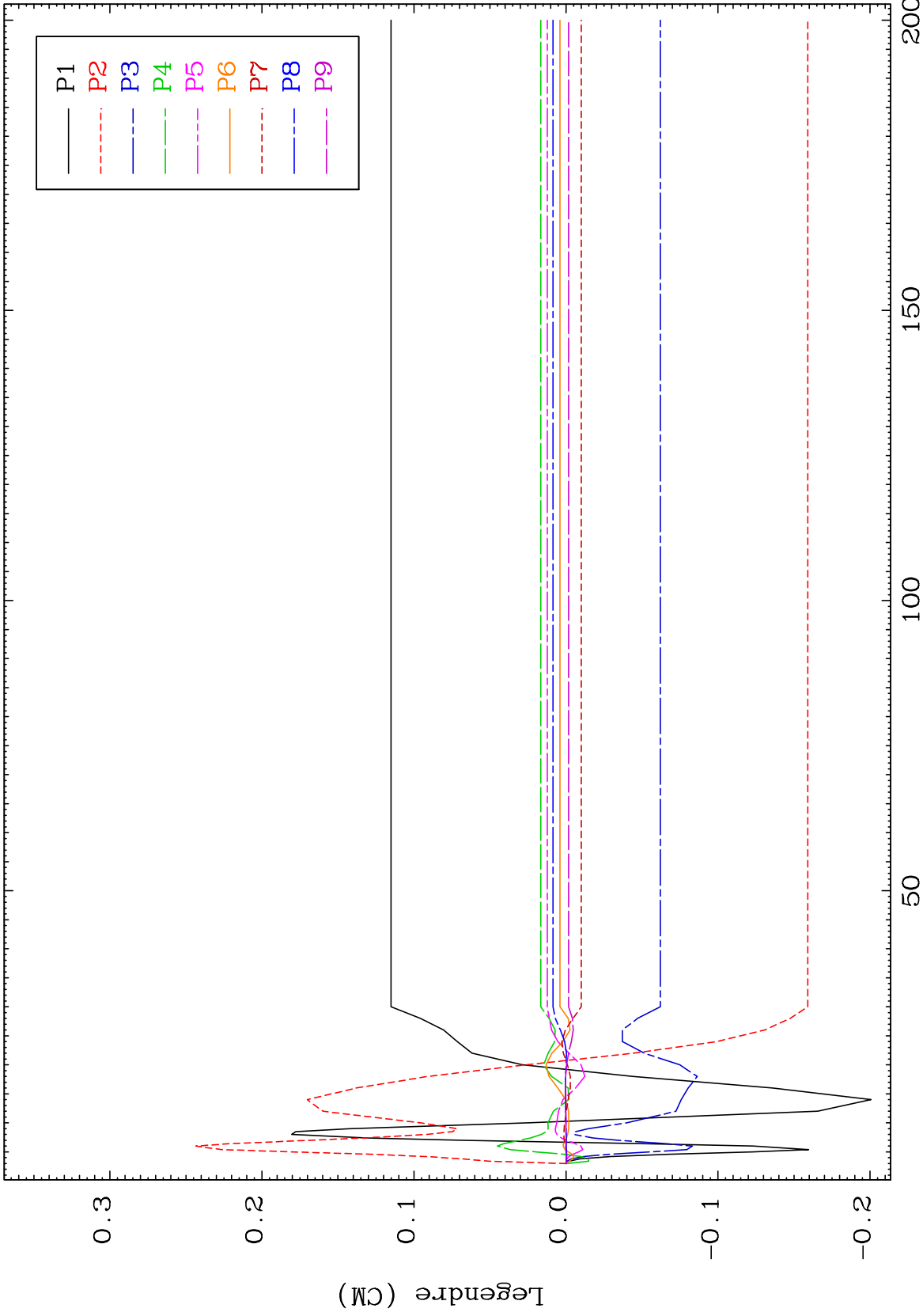
200

58-Ce-152

MAT 5873

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

58-Ce-152



71

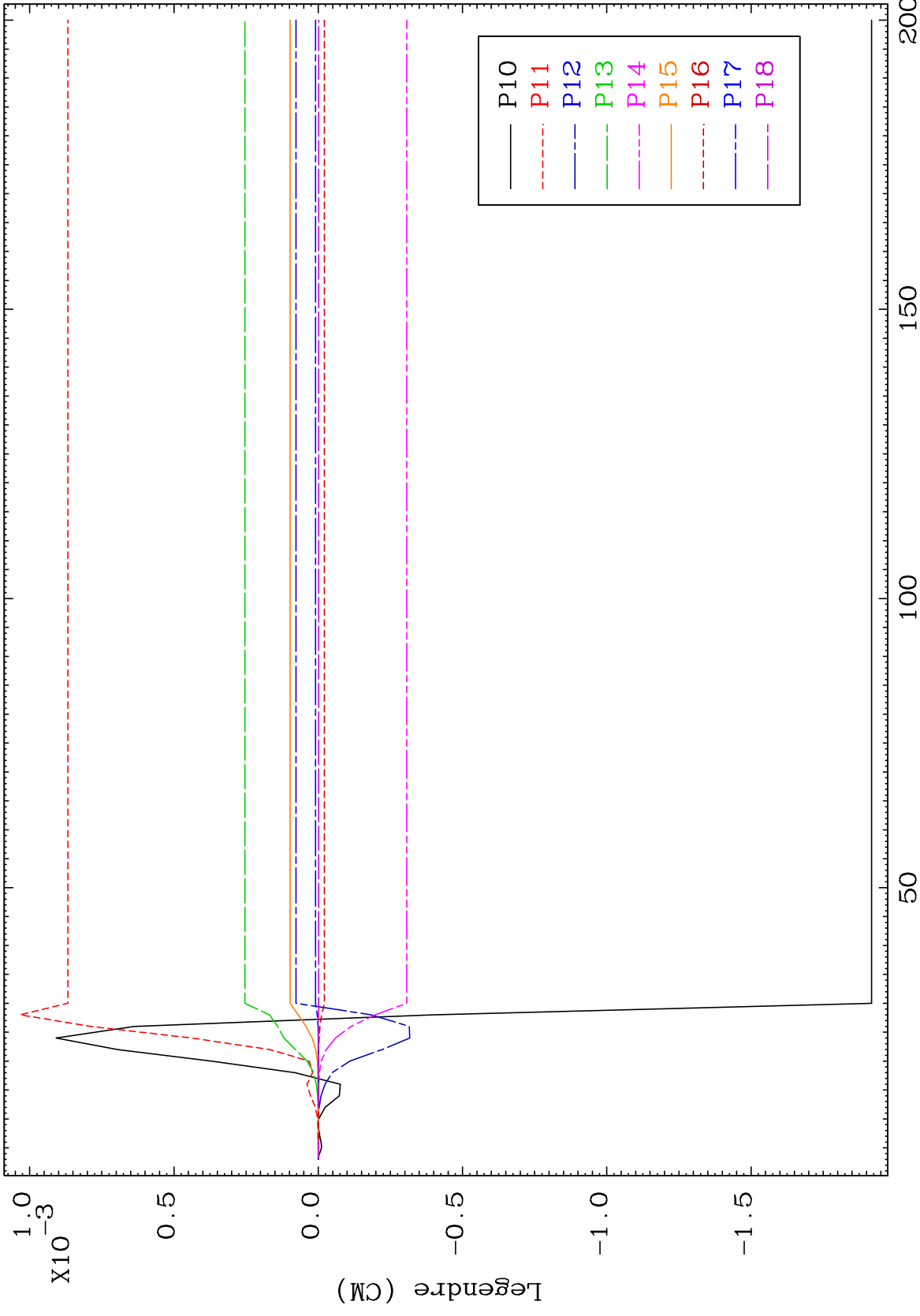
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



72

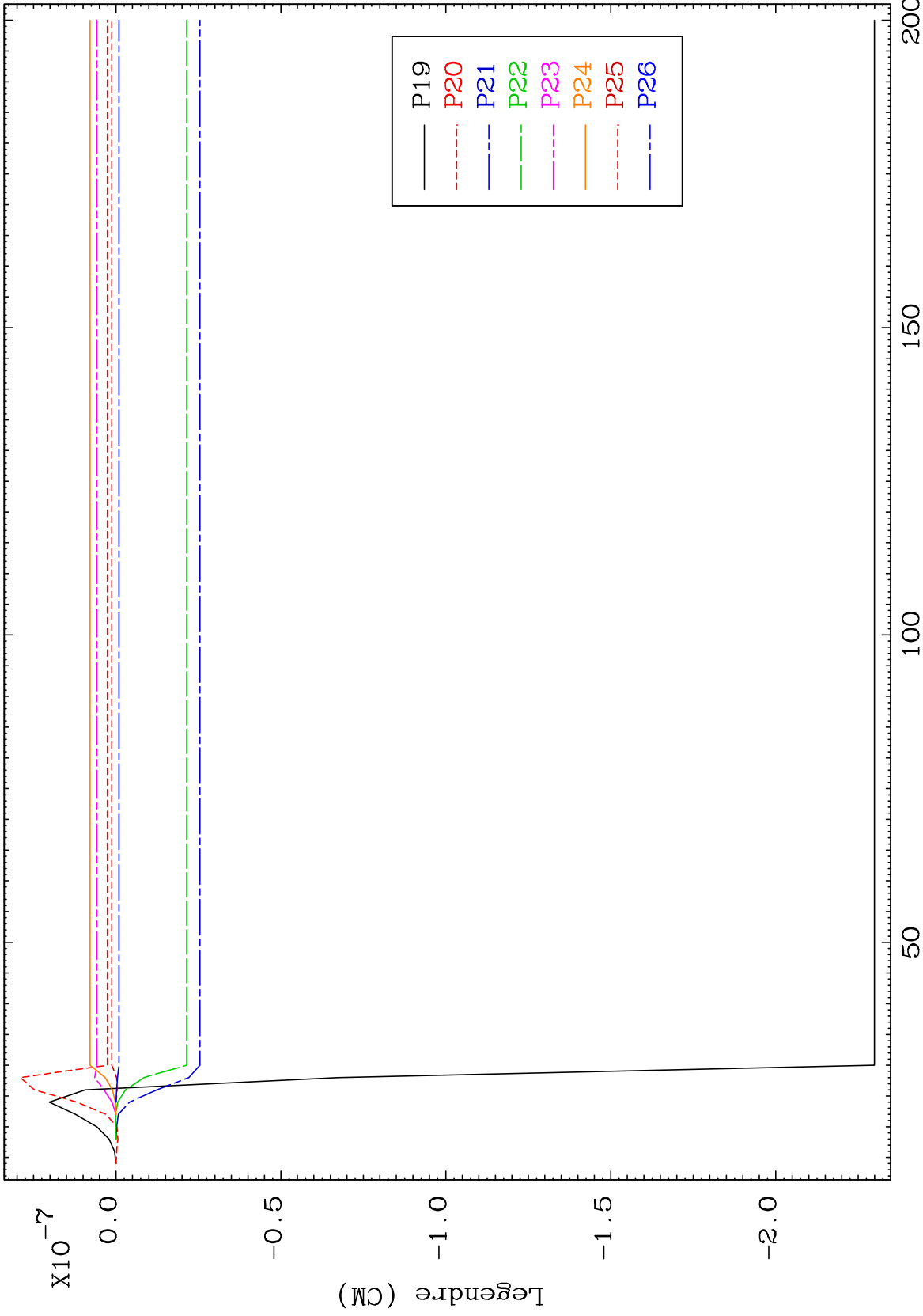
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



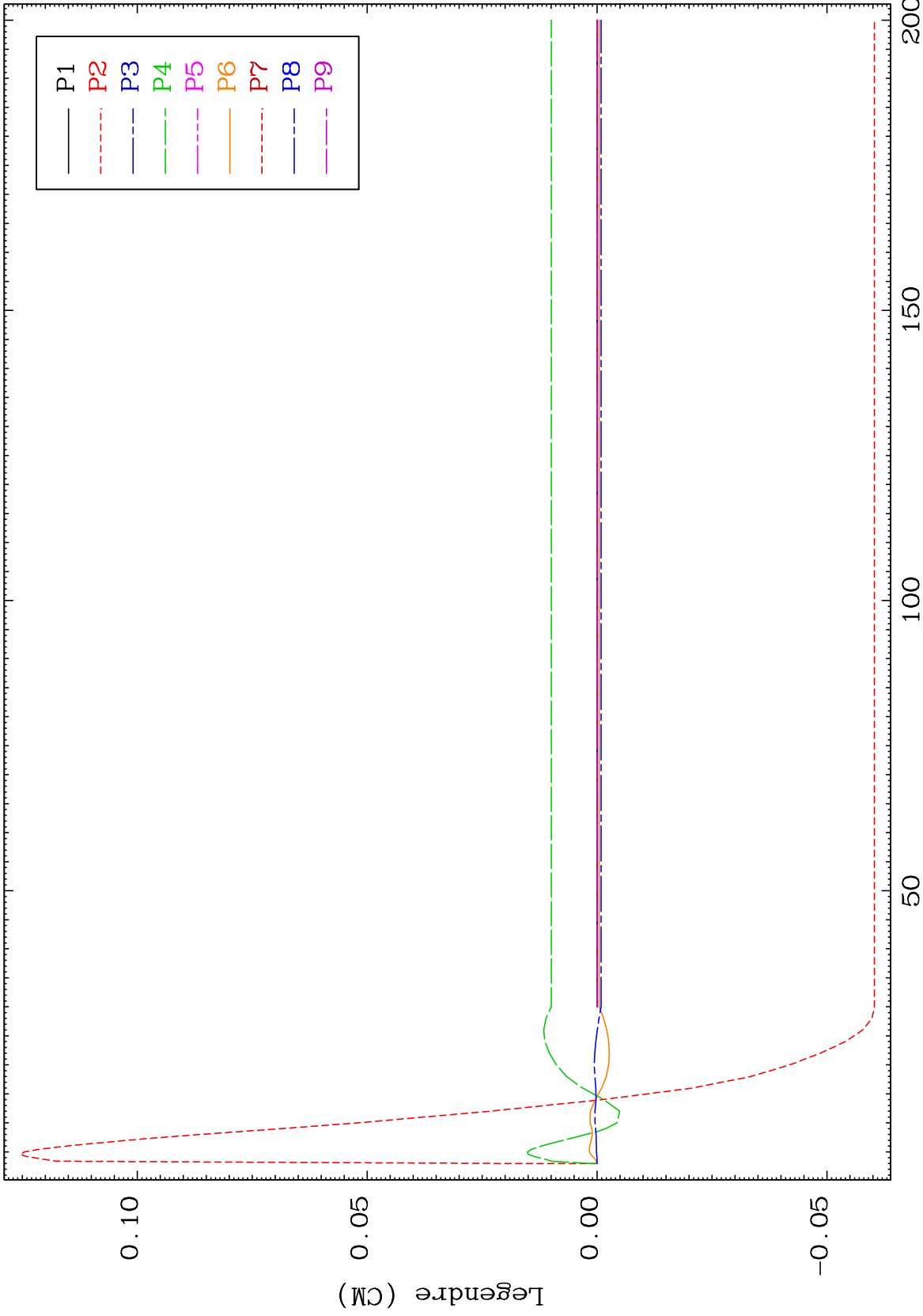
73

58-Ce-152

MAT 5873

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

58-Ce-152



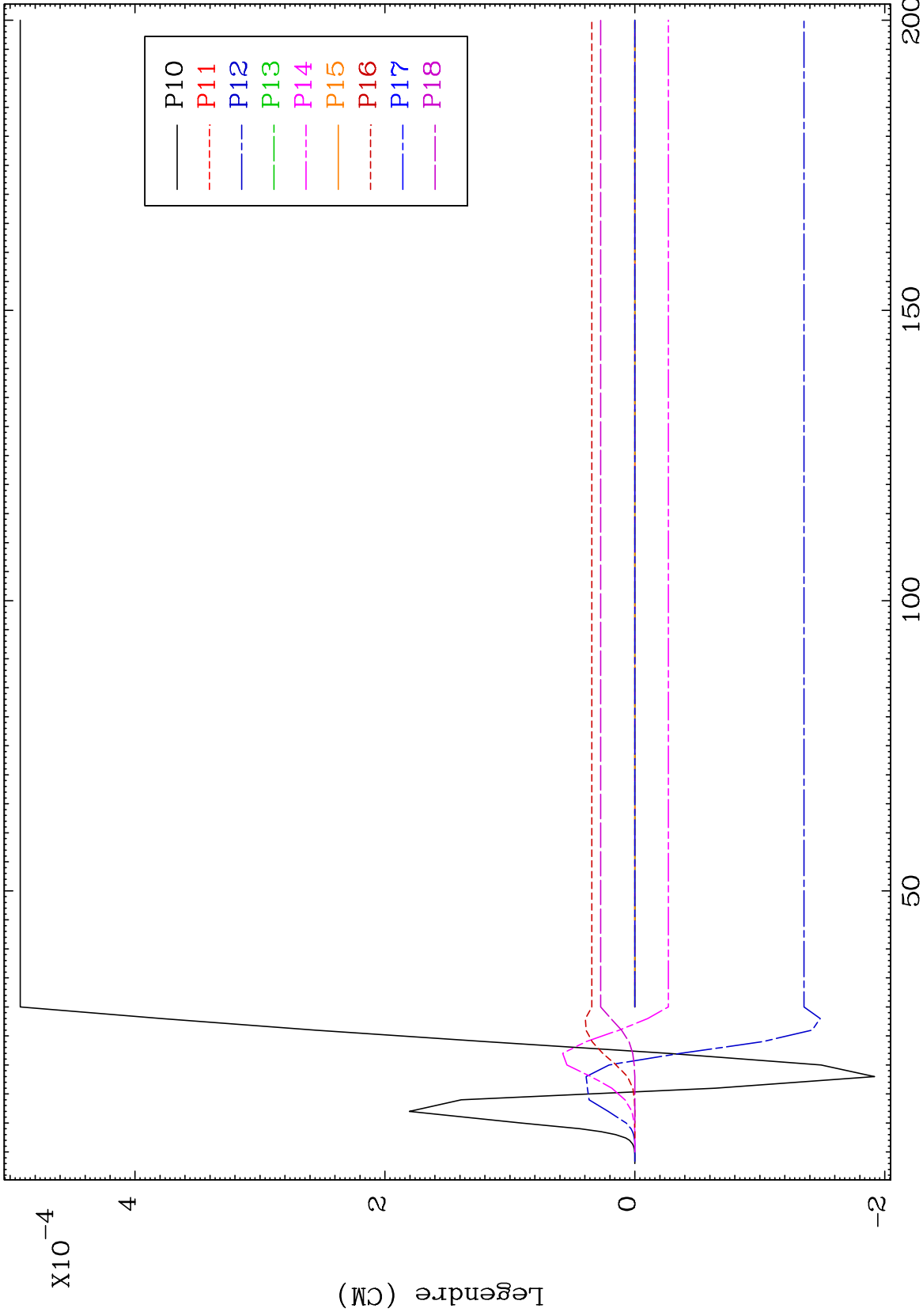
74

58-Ce-152

MAT 5873

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

58-Ce-152



75

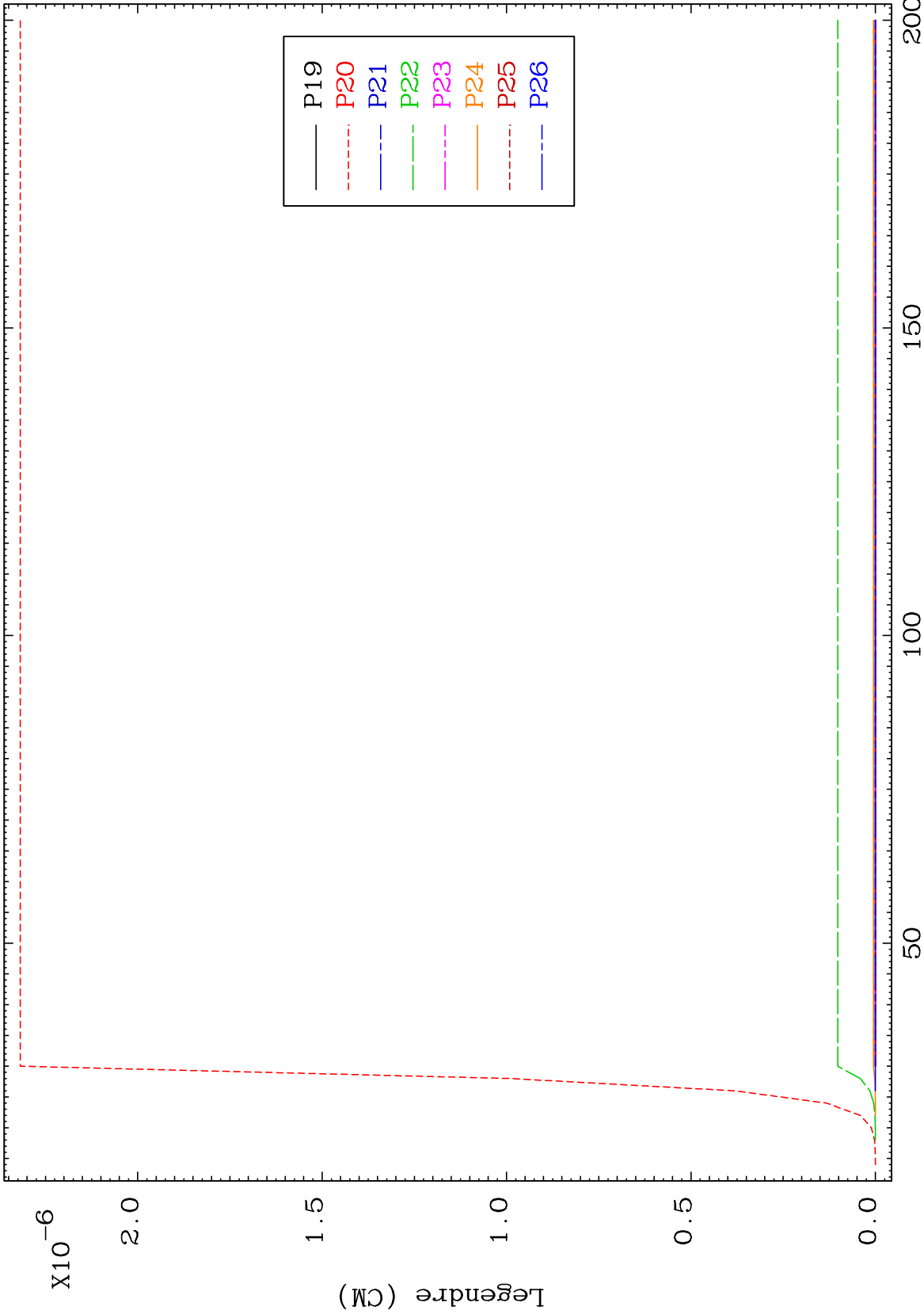
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



76

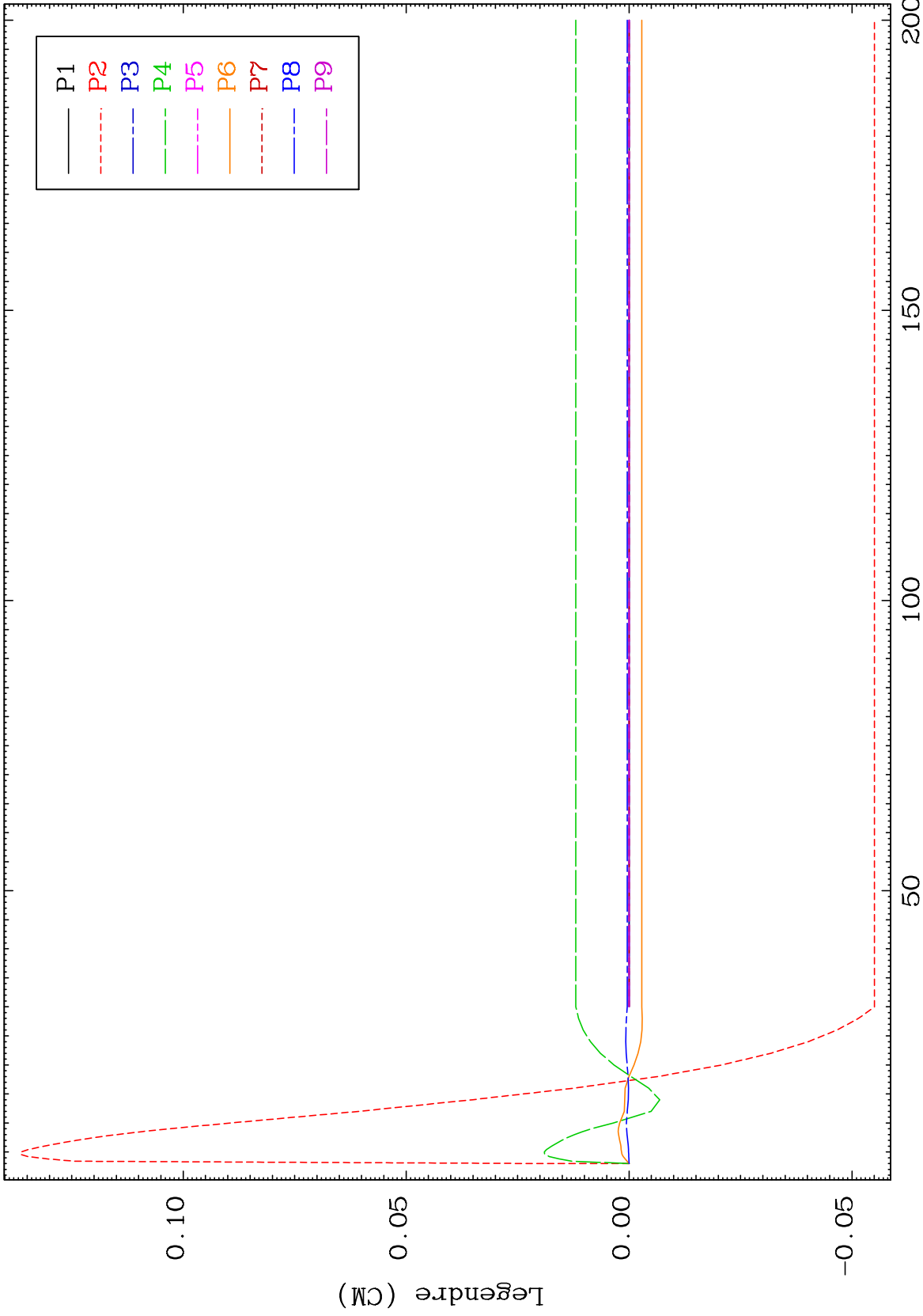
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



77

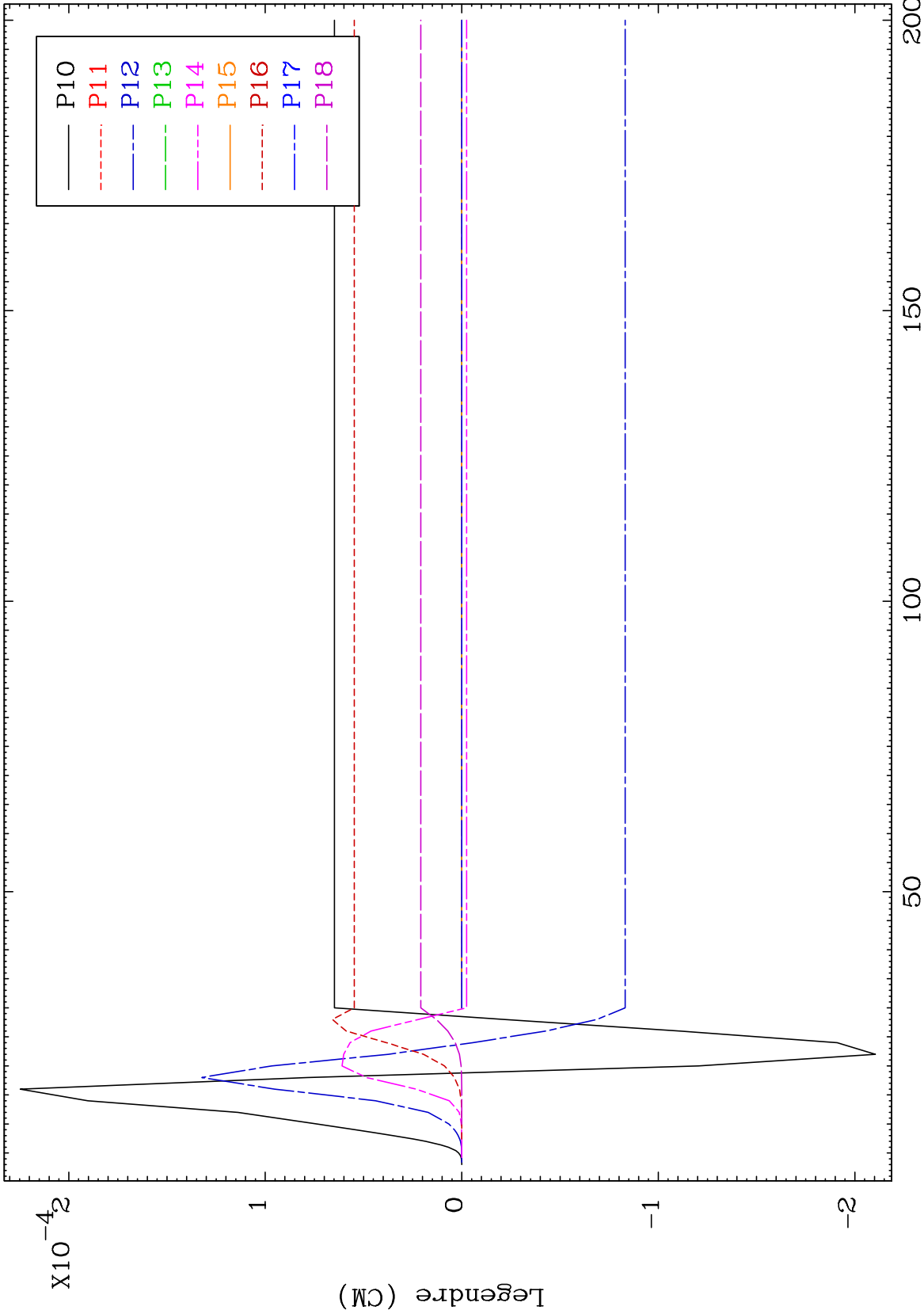
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



78

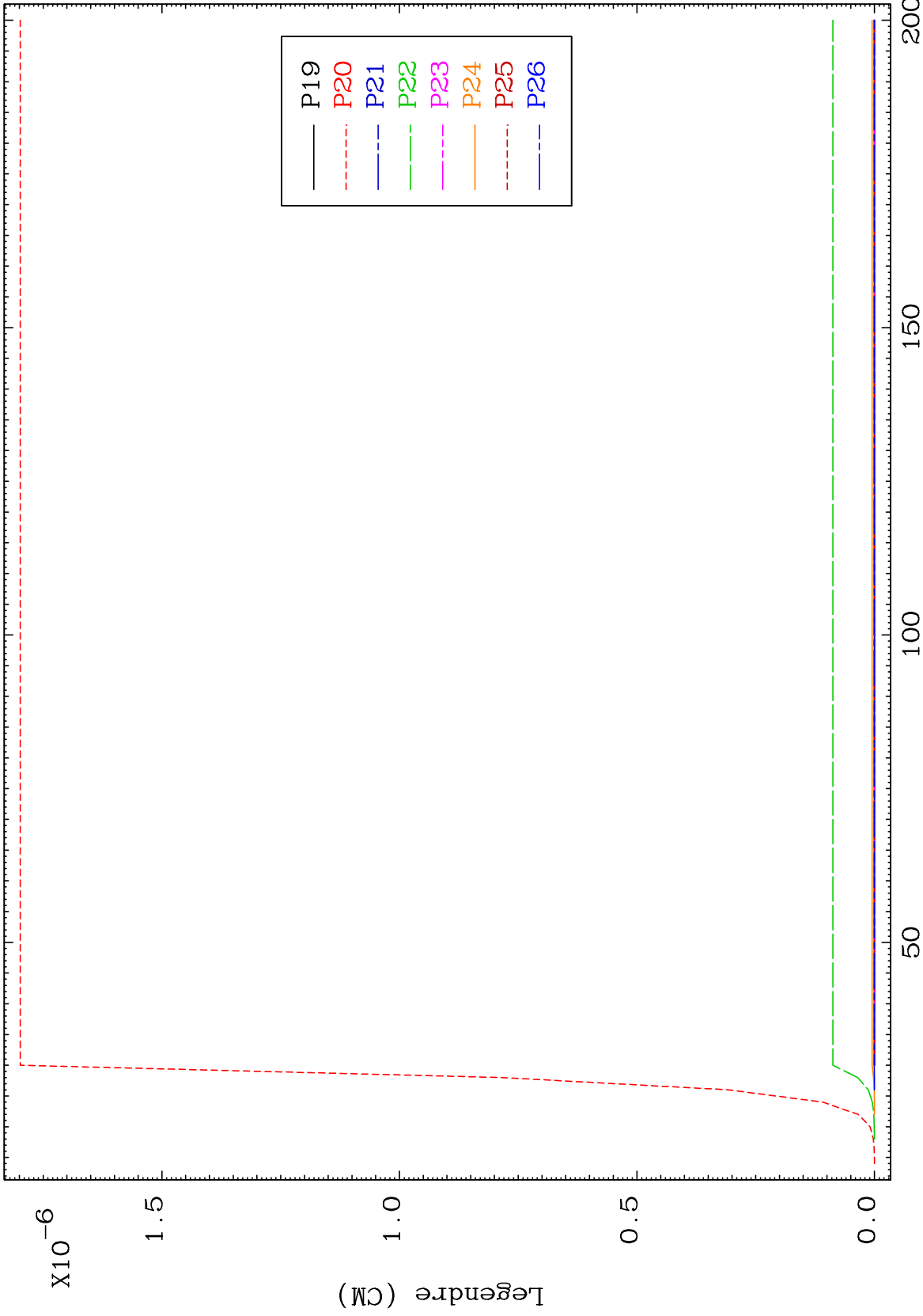
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



79

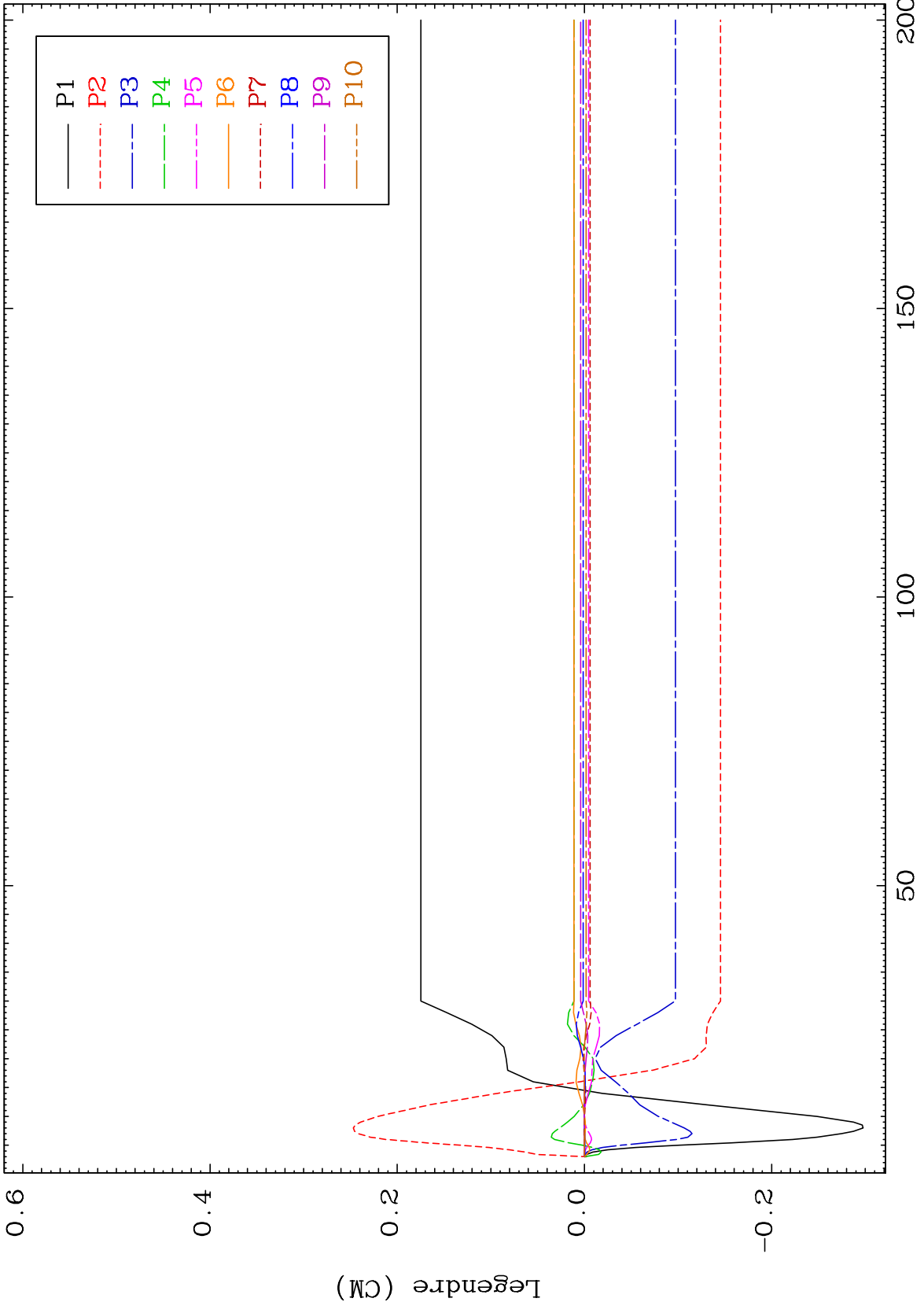
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



80

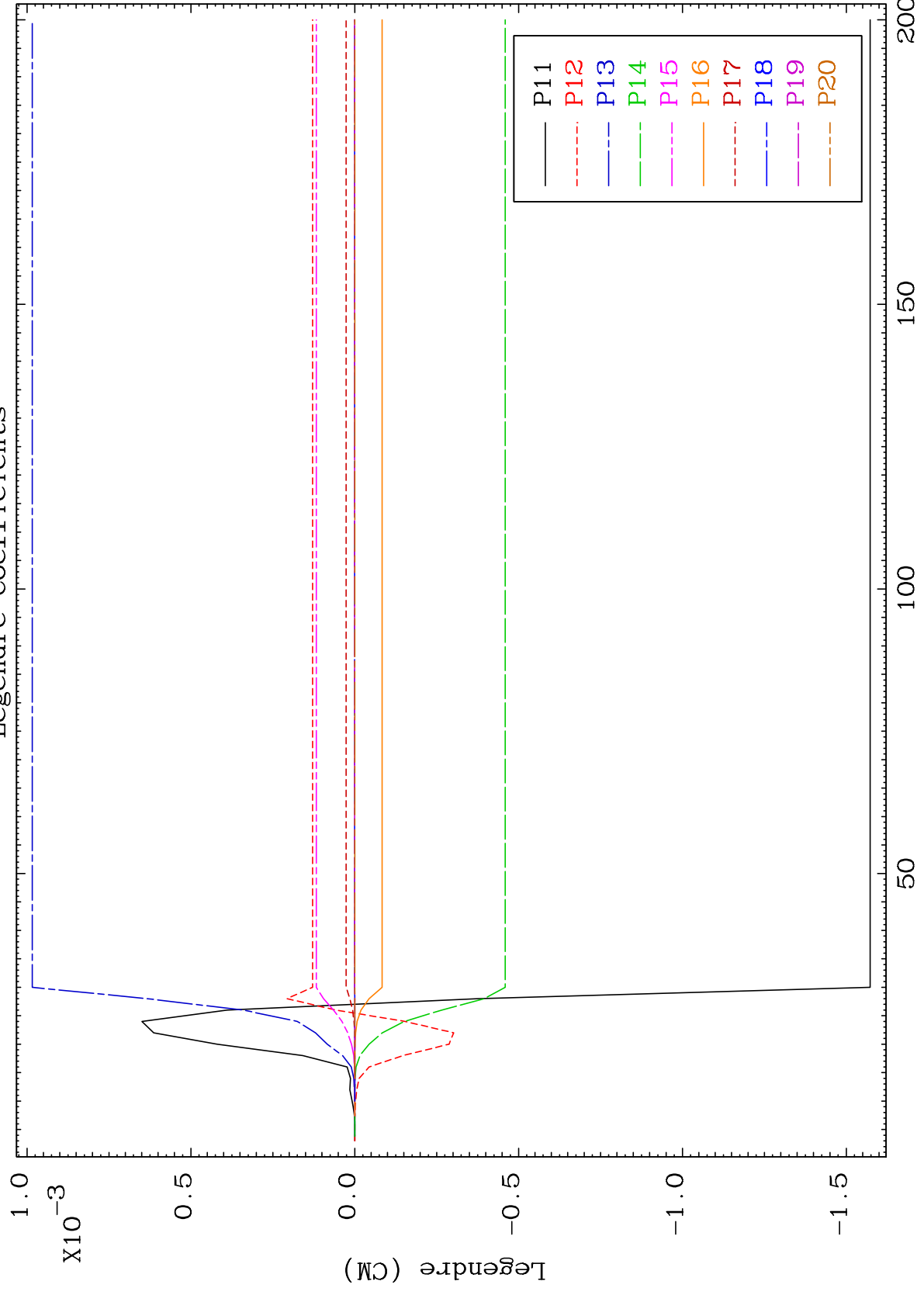
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



81

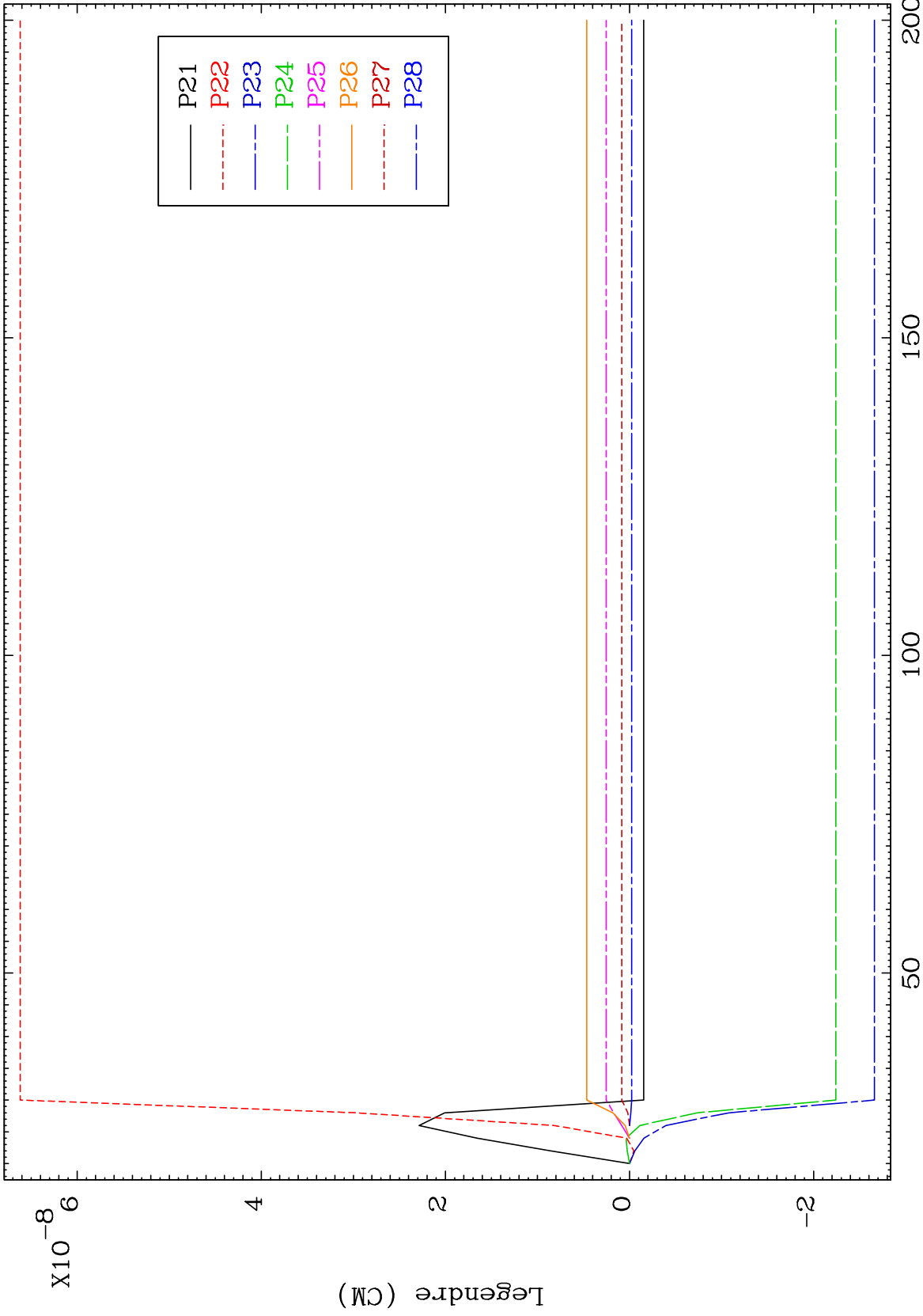
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

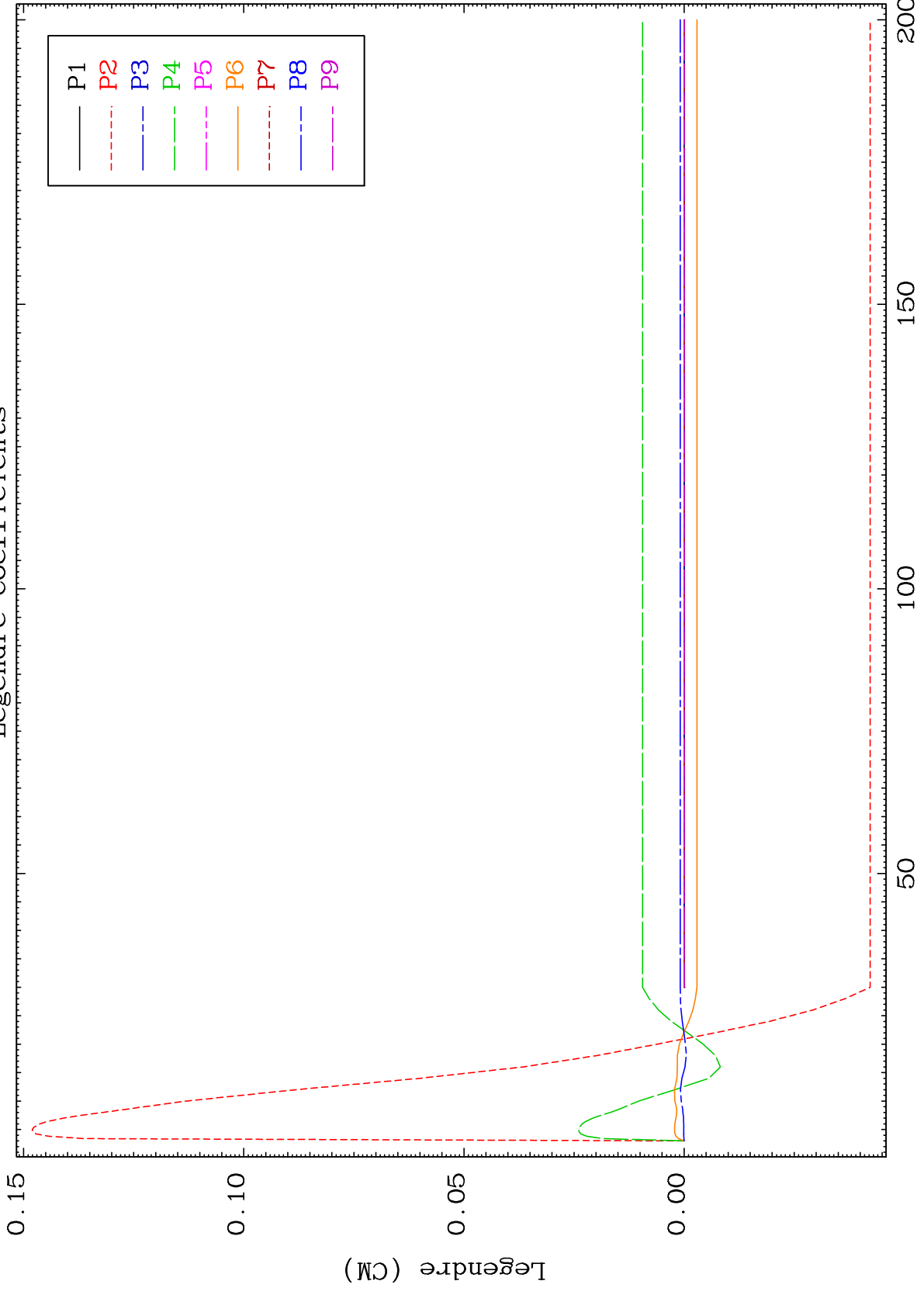
58-Ce-152



82

58-Ce-152

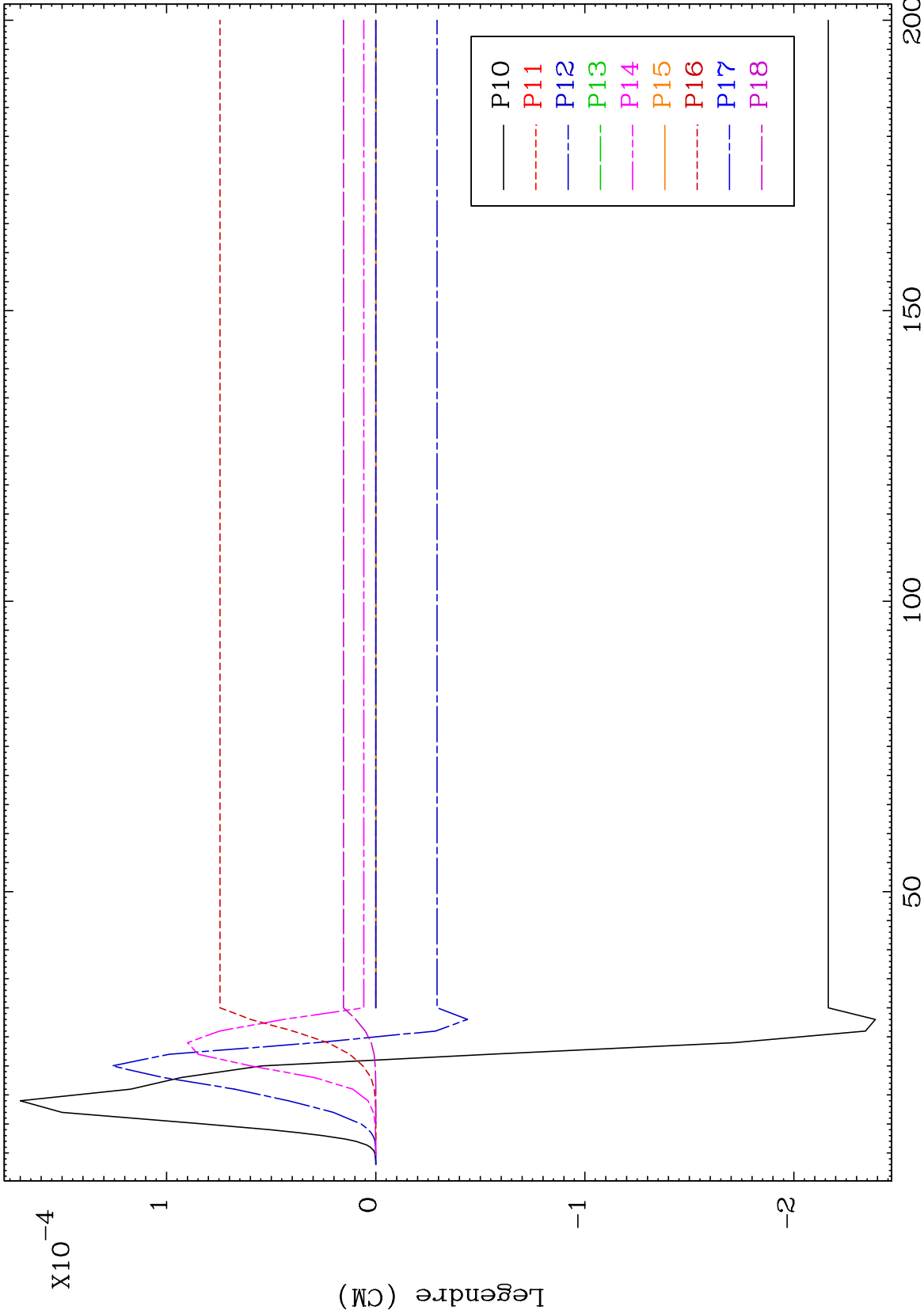
MAT 5873 MT= 71 (n,n') Level Legendre Coefficients 58-Ce-152



MAT 5873

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

58-Ce-152



84

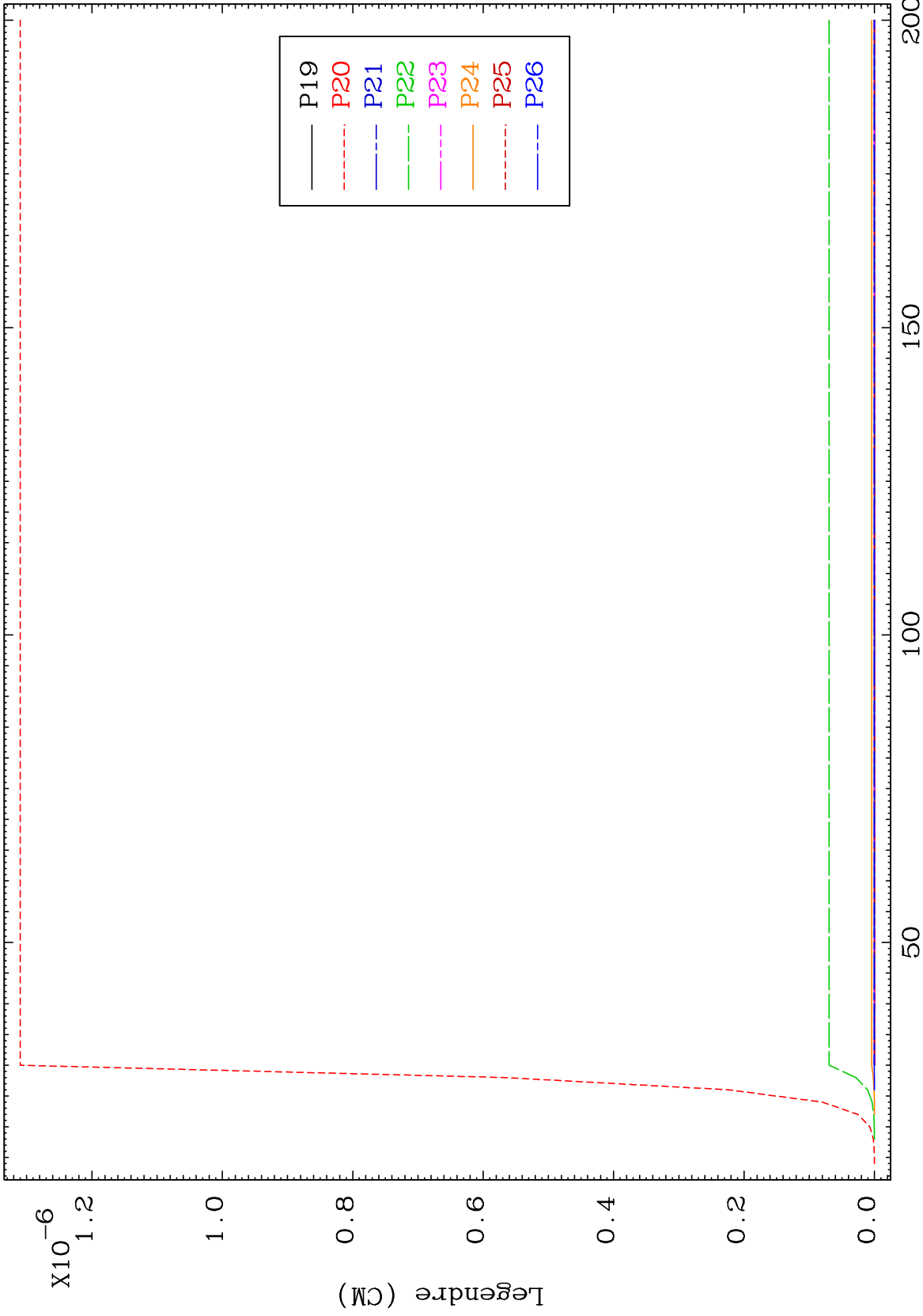
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



85

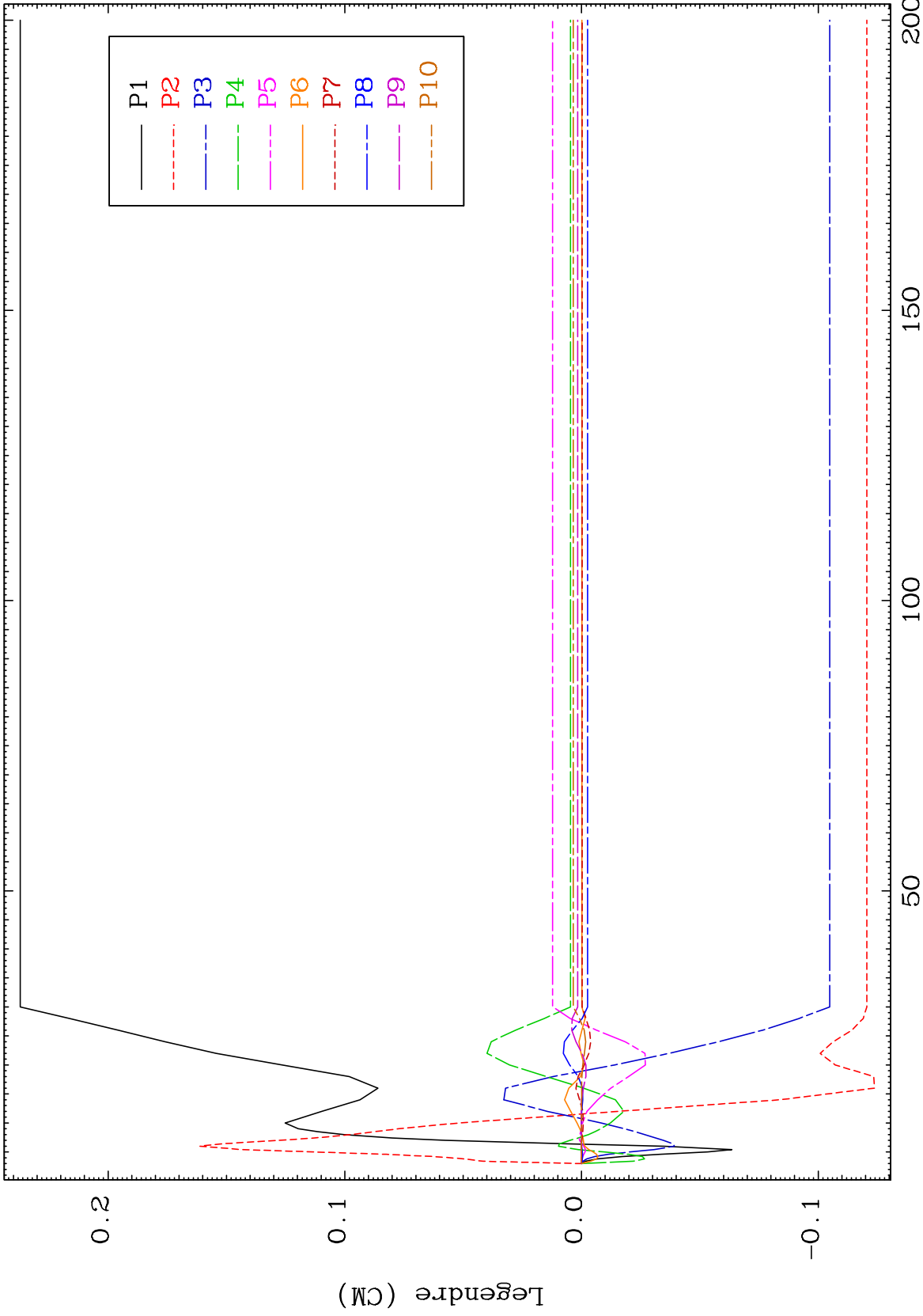
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



86

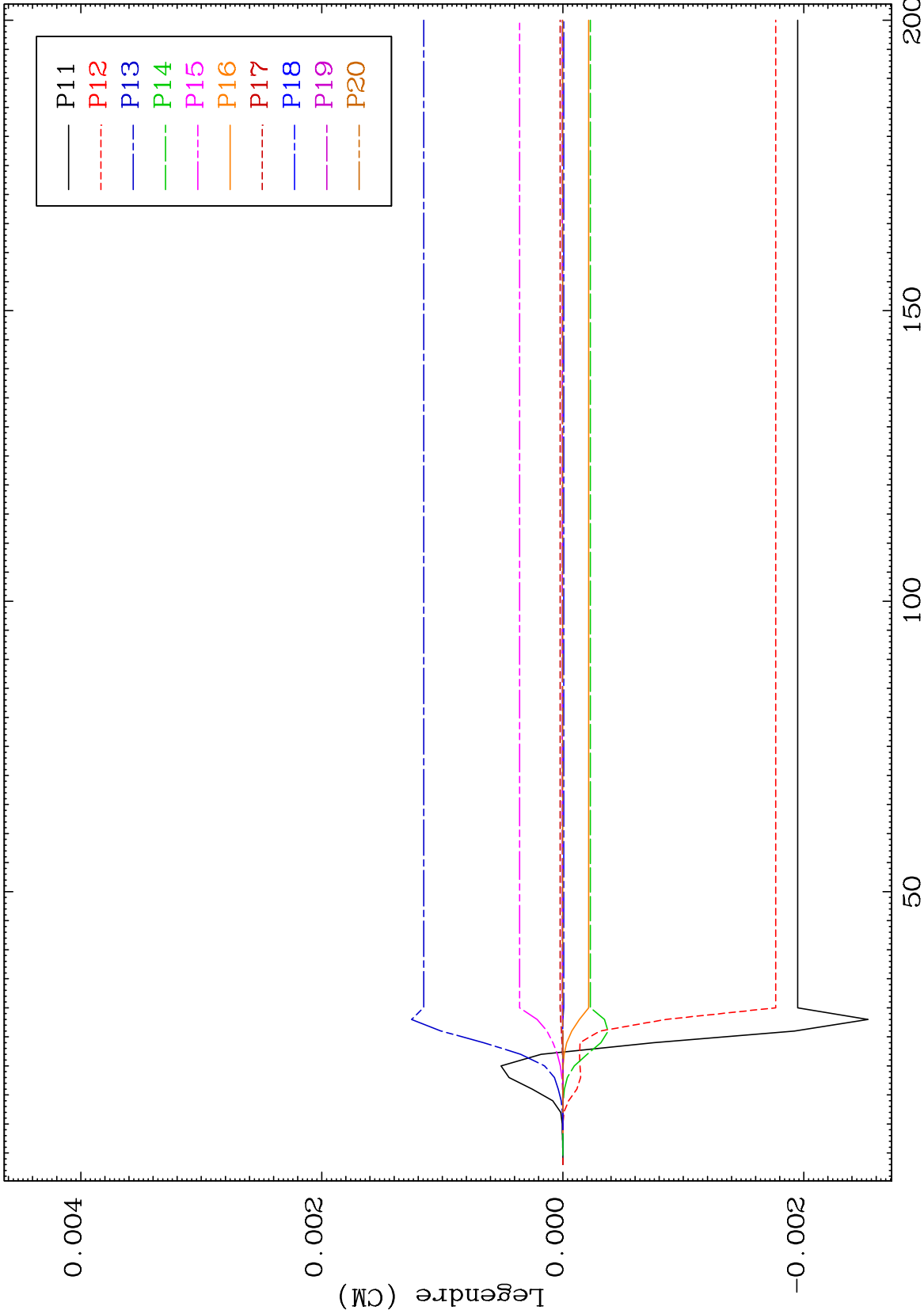
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

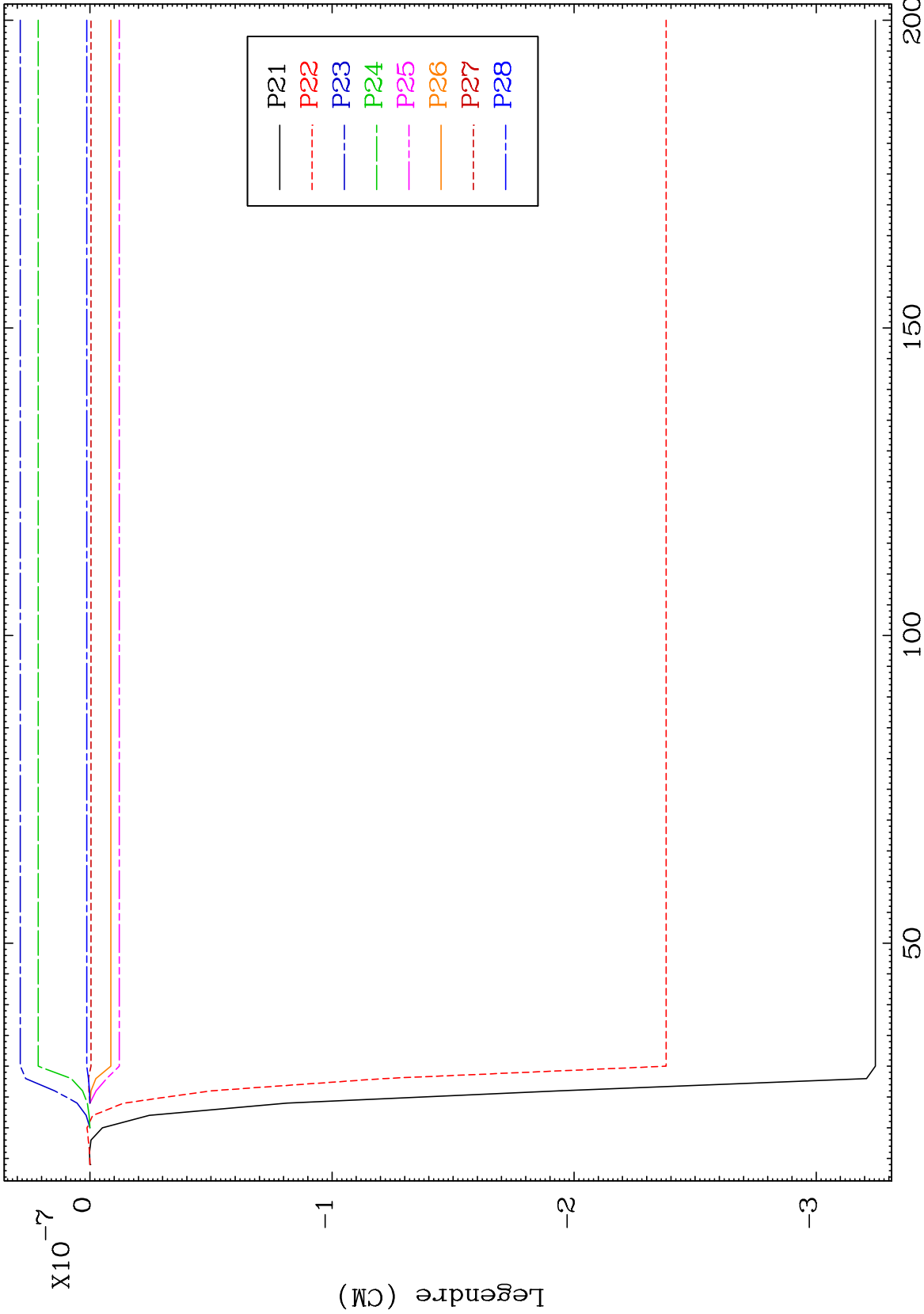
58-Ce-152



MAT 5873

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

58-Ce-152

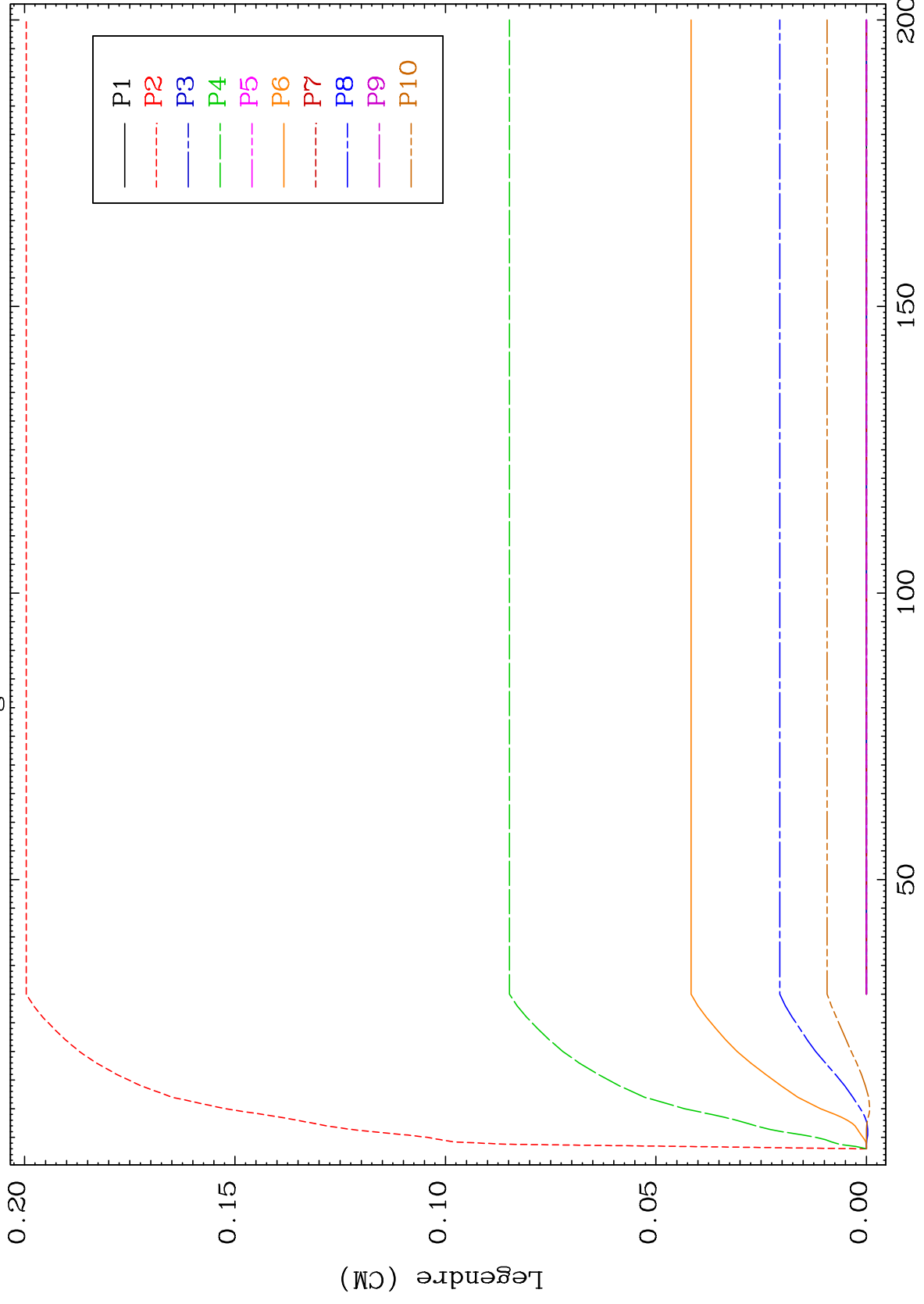


88

Incident Energy (MeV)

58-Ce-152

MAT 5873 MT= 73 (n,n') Level Legendre Coefficients 58-Ce-152

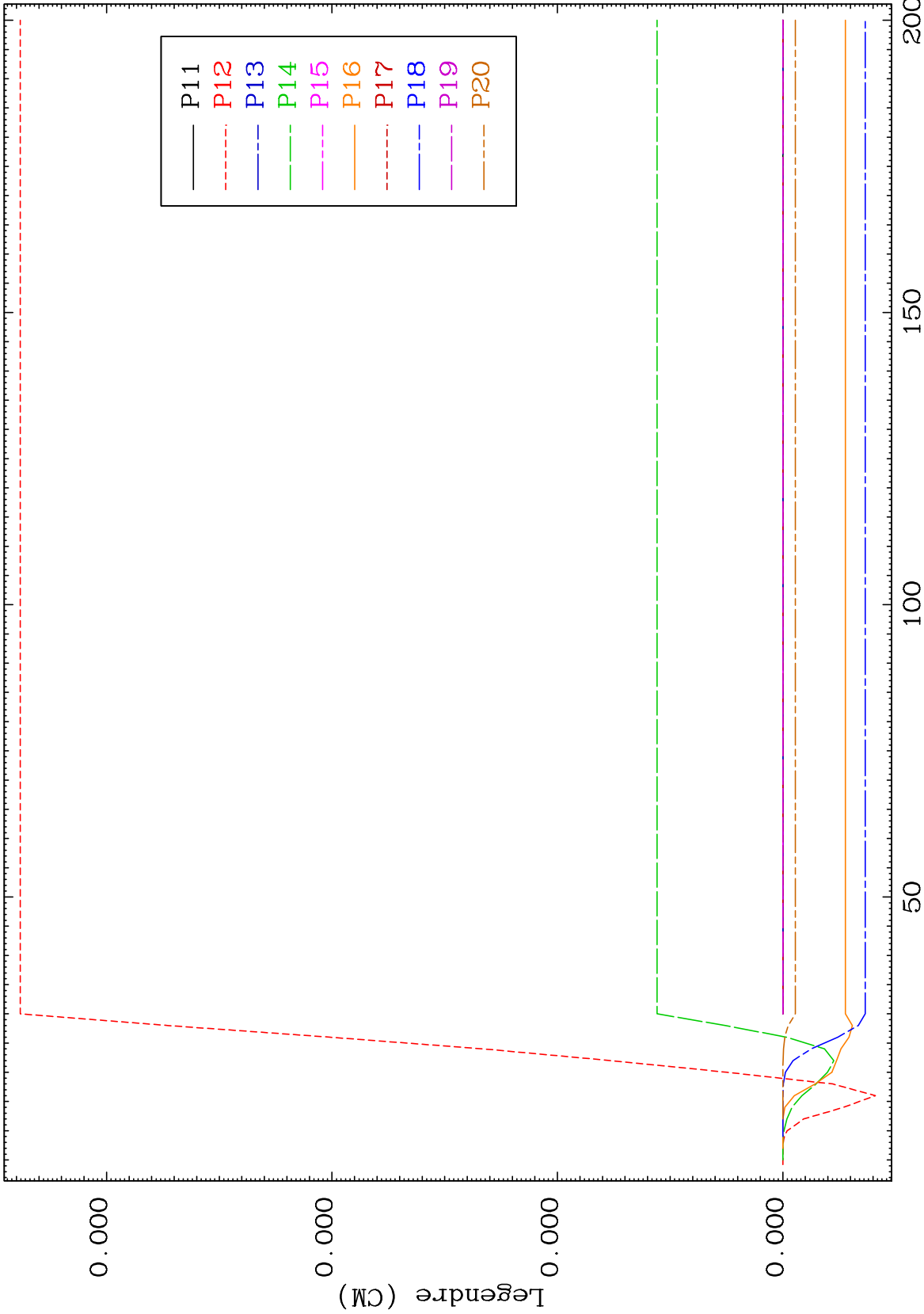


89 58-Ce-152

MAT 5873

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

58-Ce-152



90

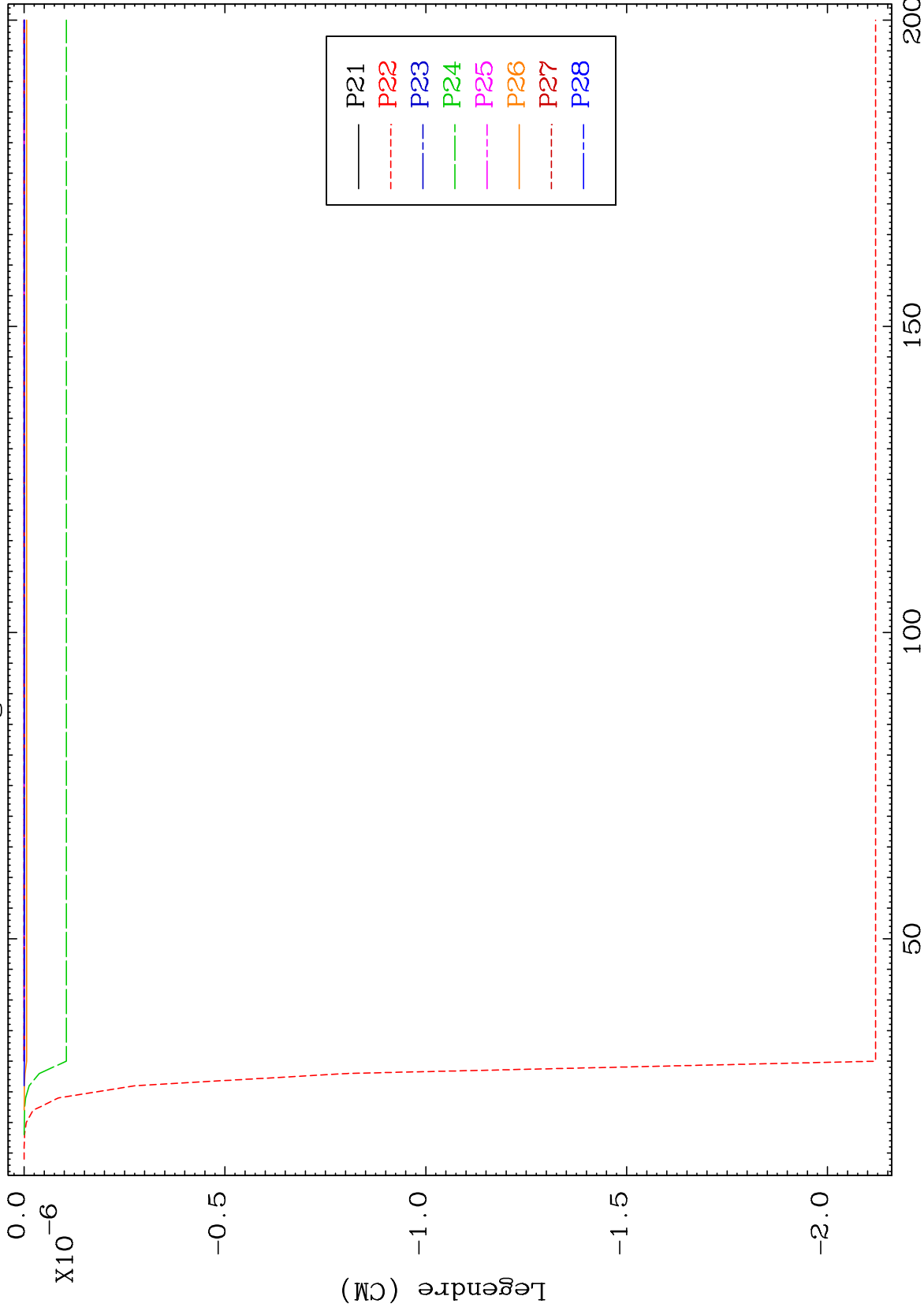
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



91

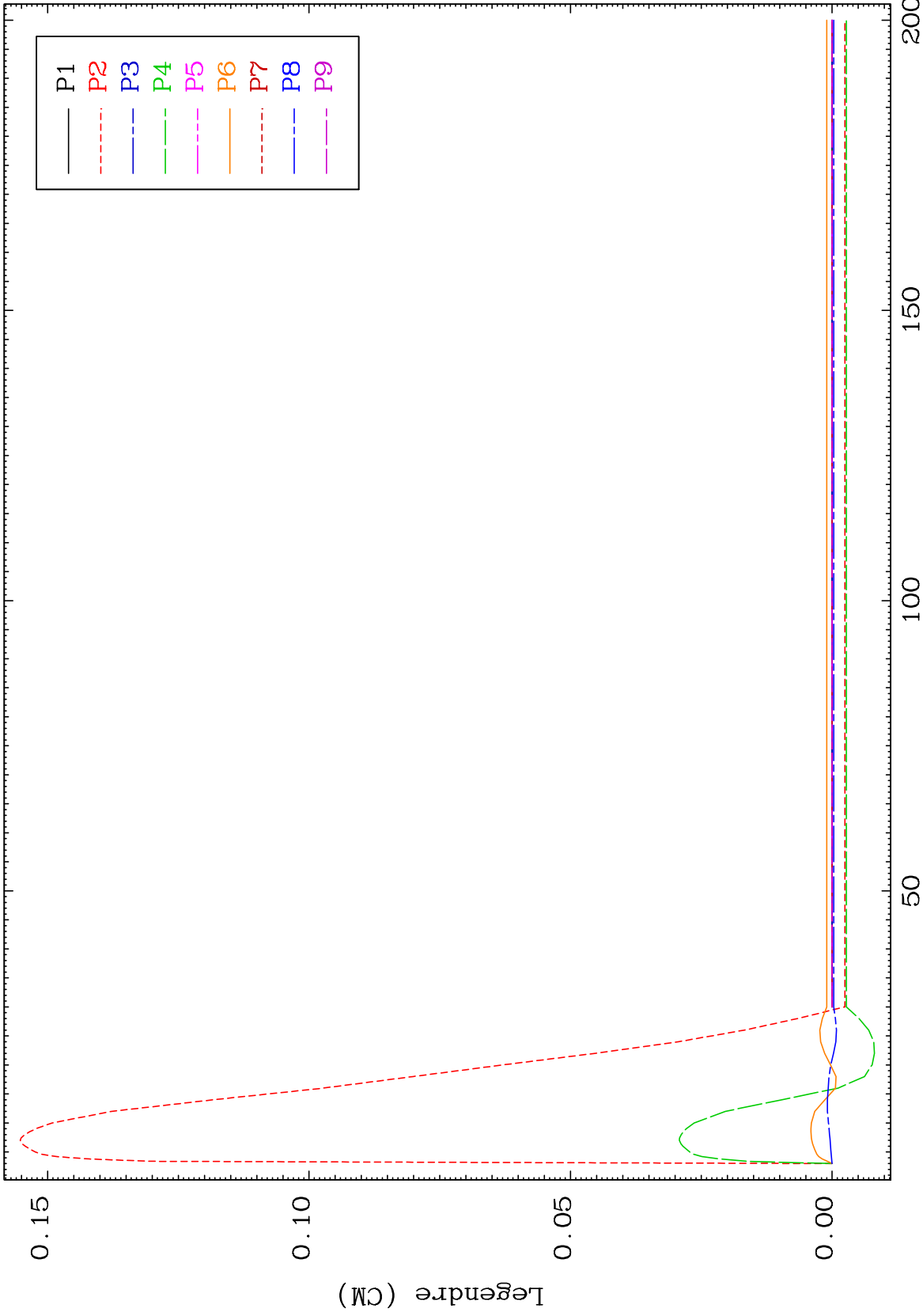
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



92

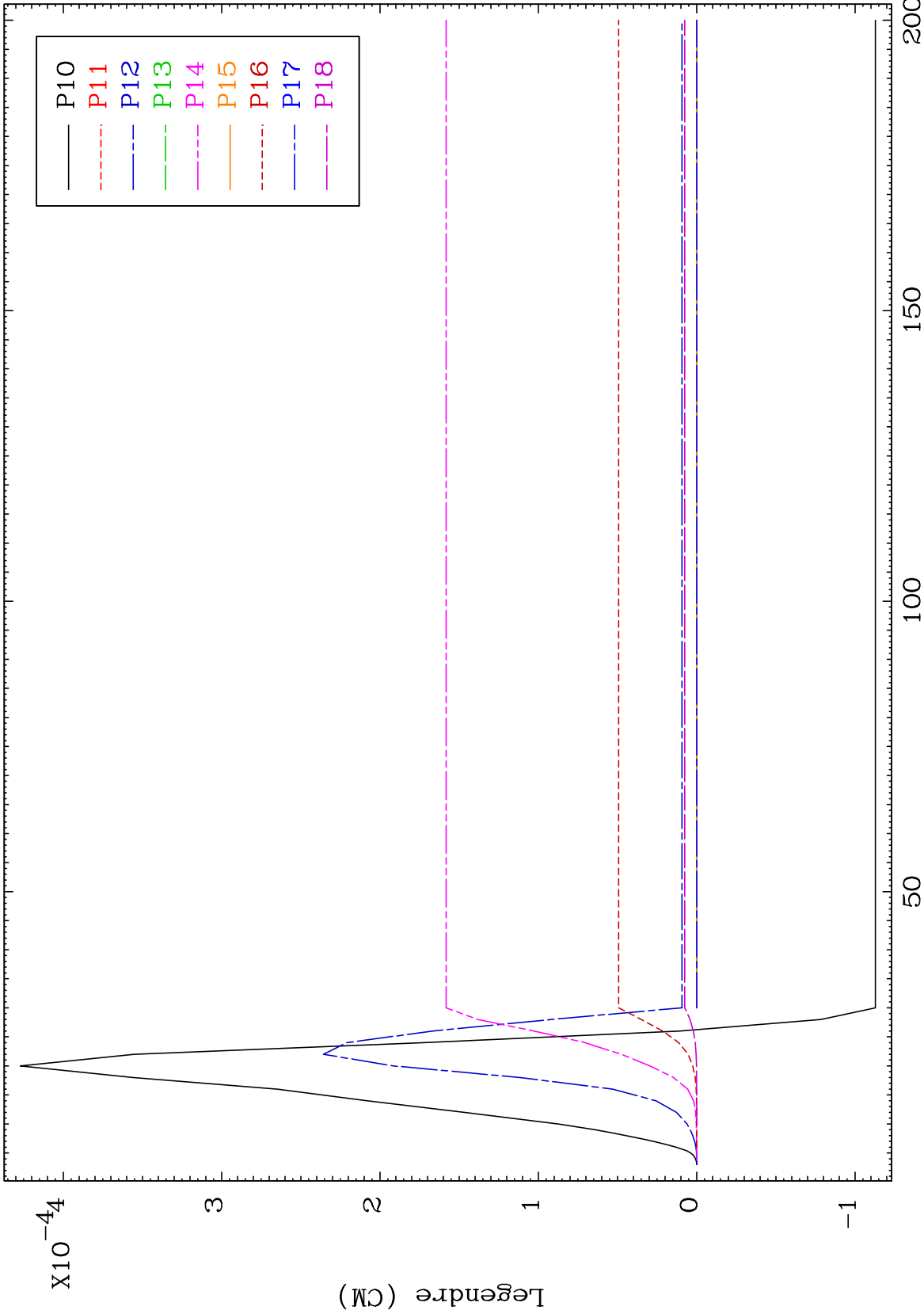
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



93

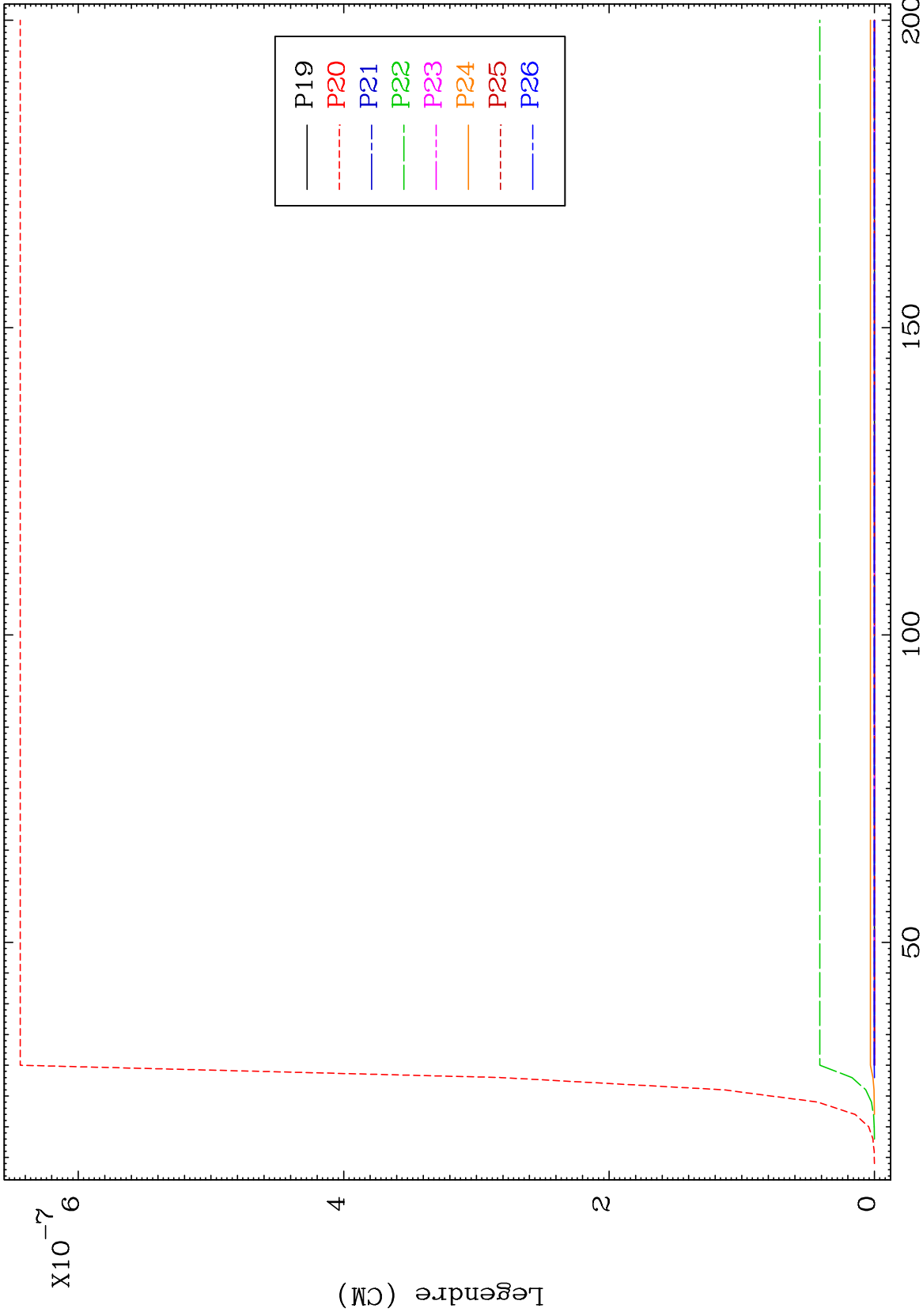
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



94

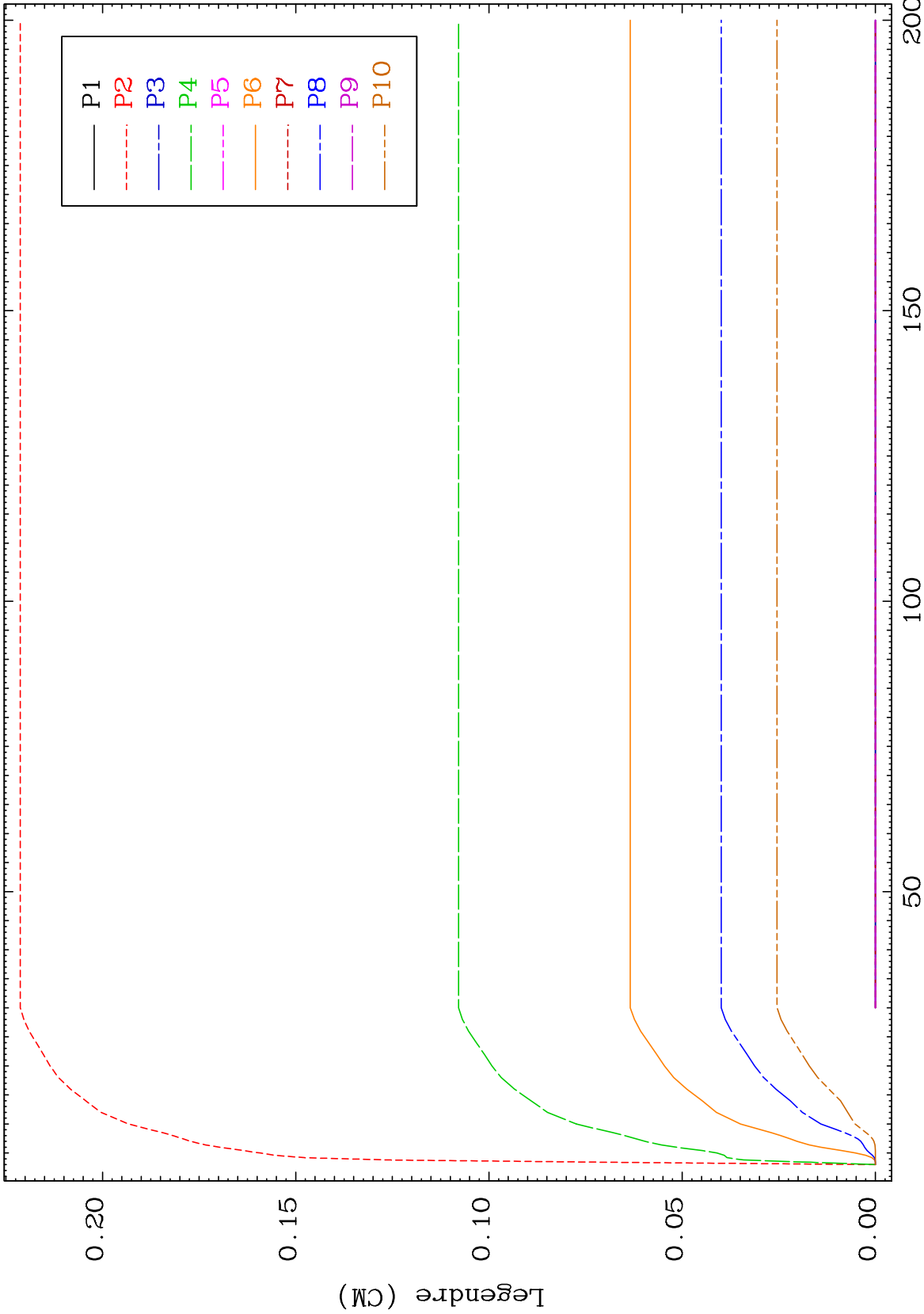
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



95

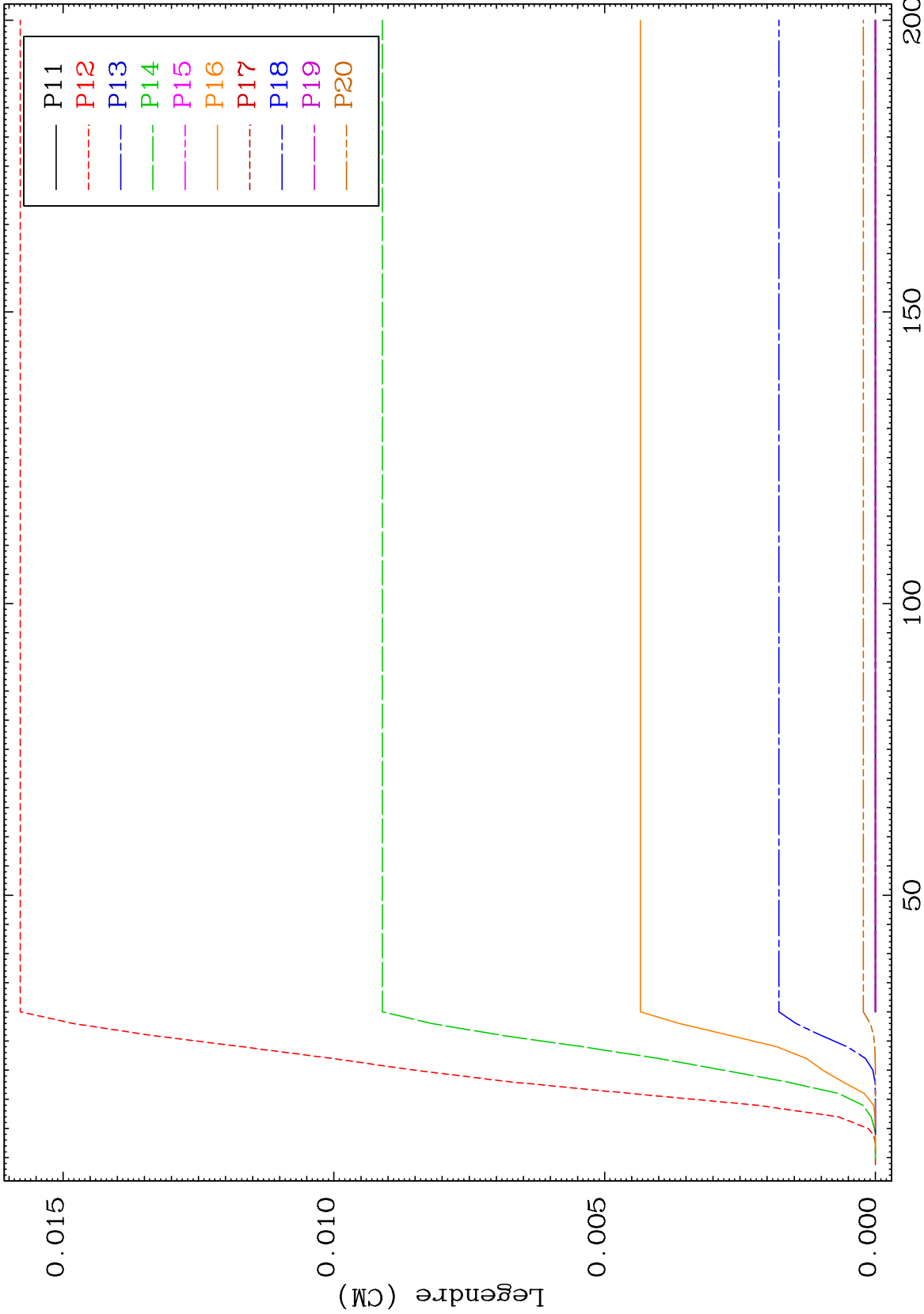
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



96

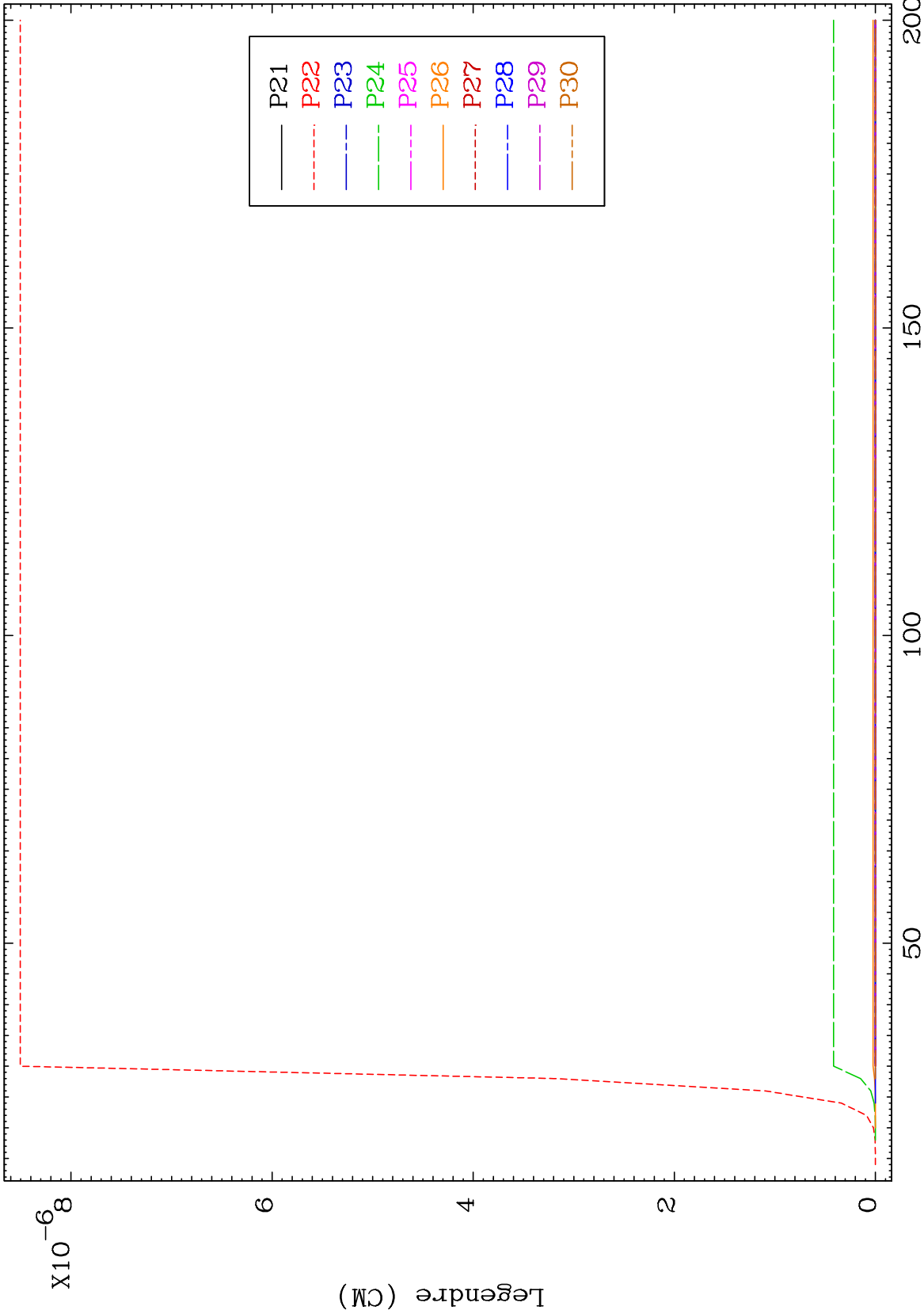
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



97

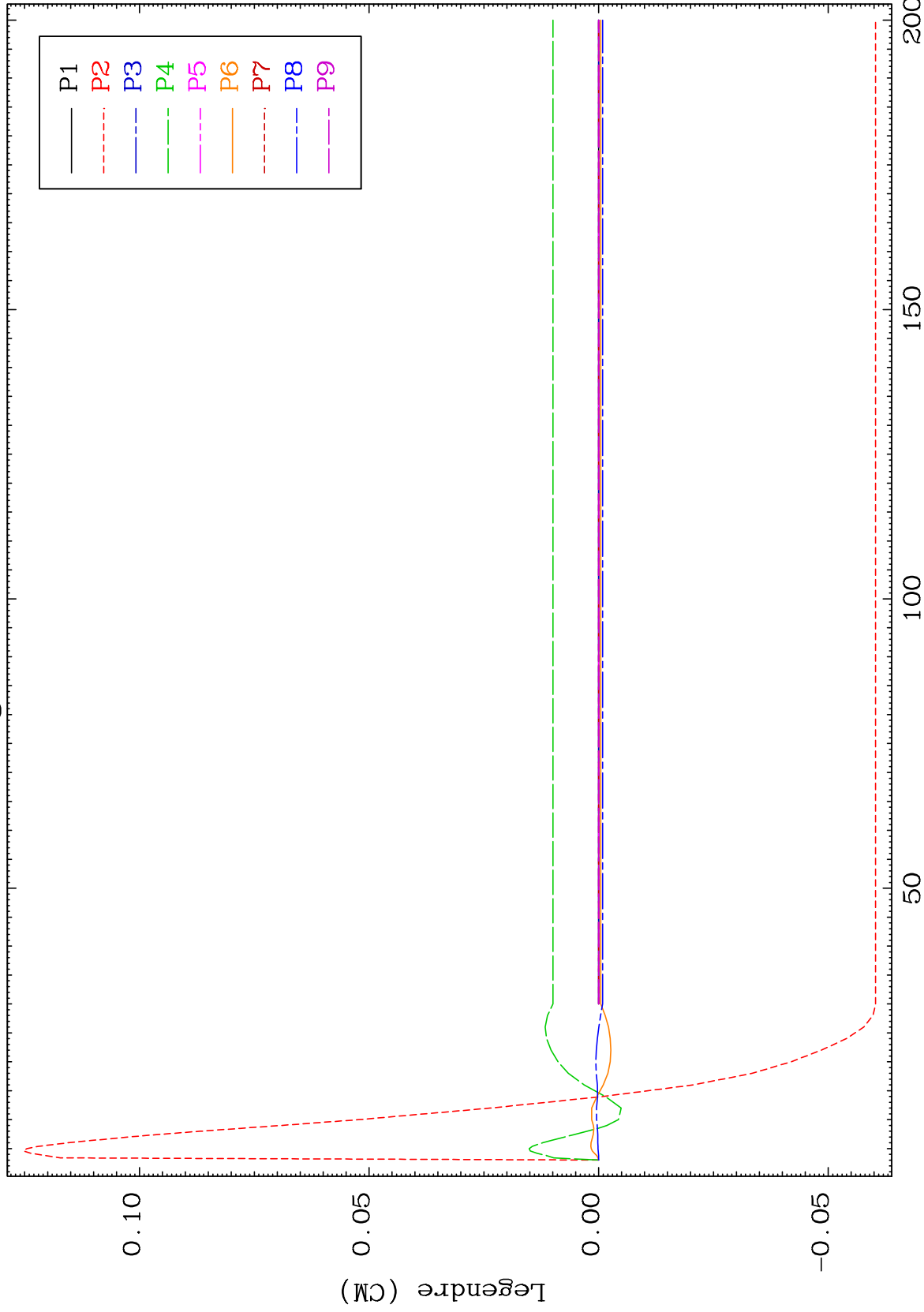
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



98

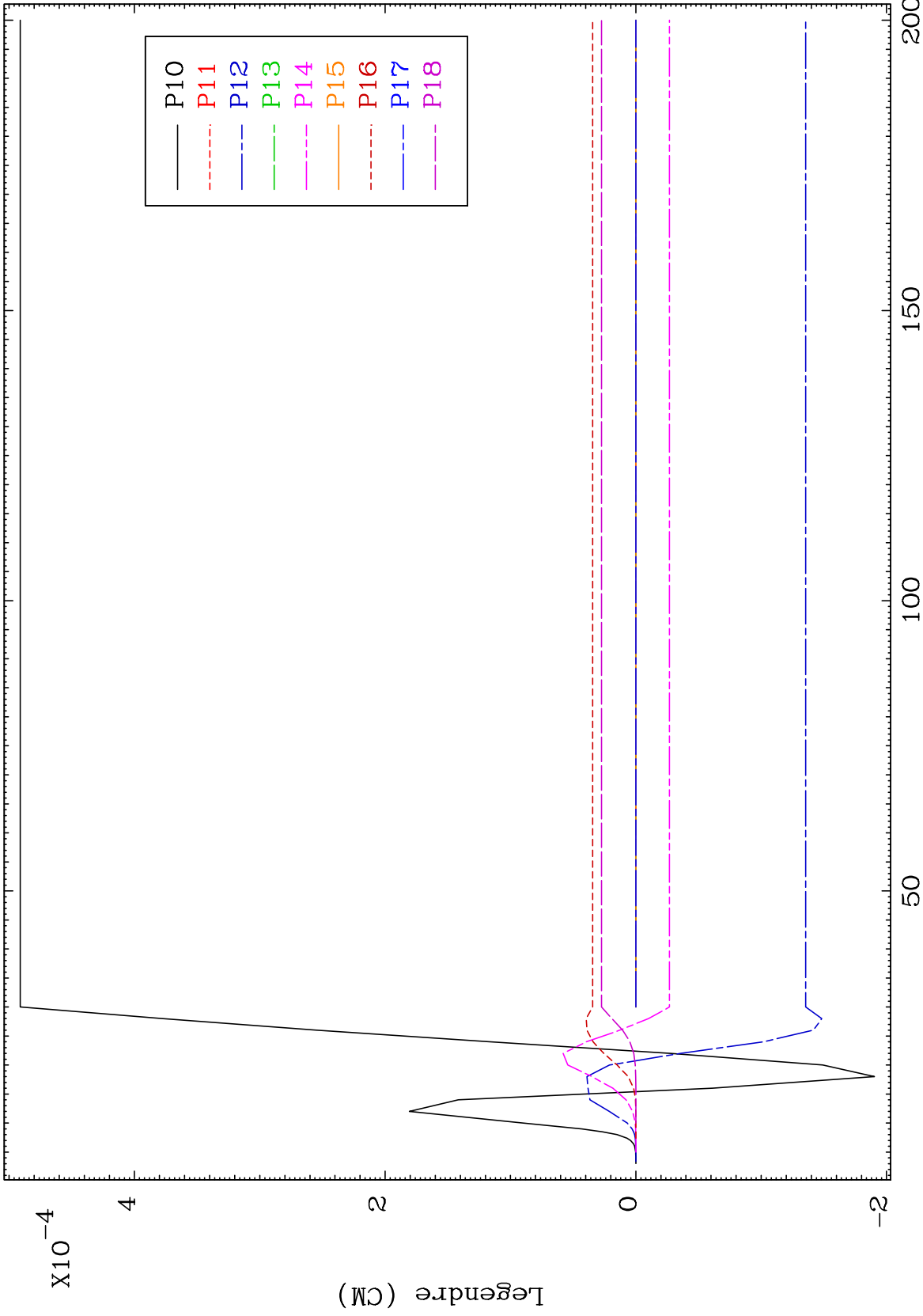
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



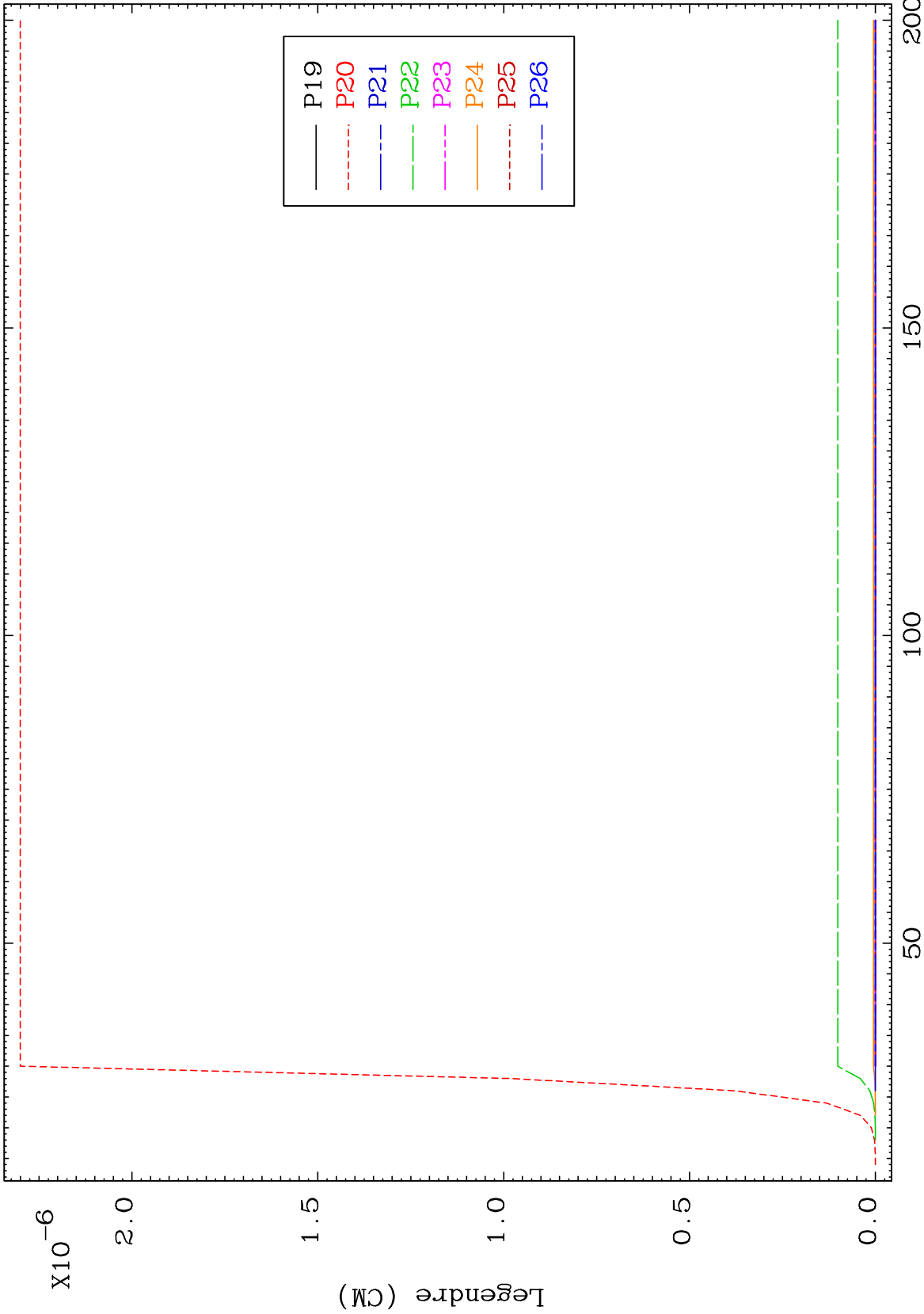
99

58-Ce-152

MAT 5873

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

58-Ce-152



58-Ce-152

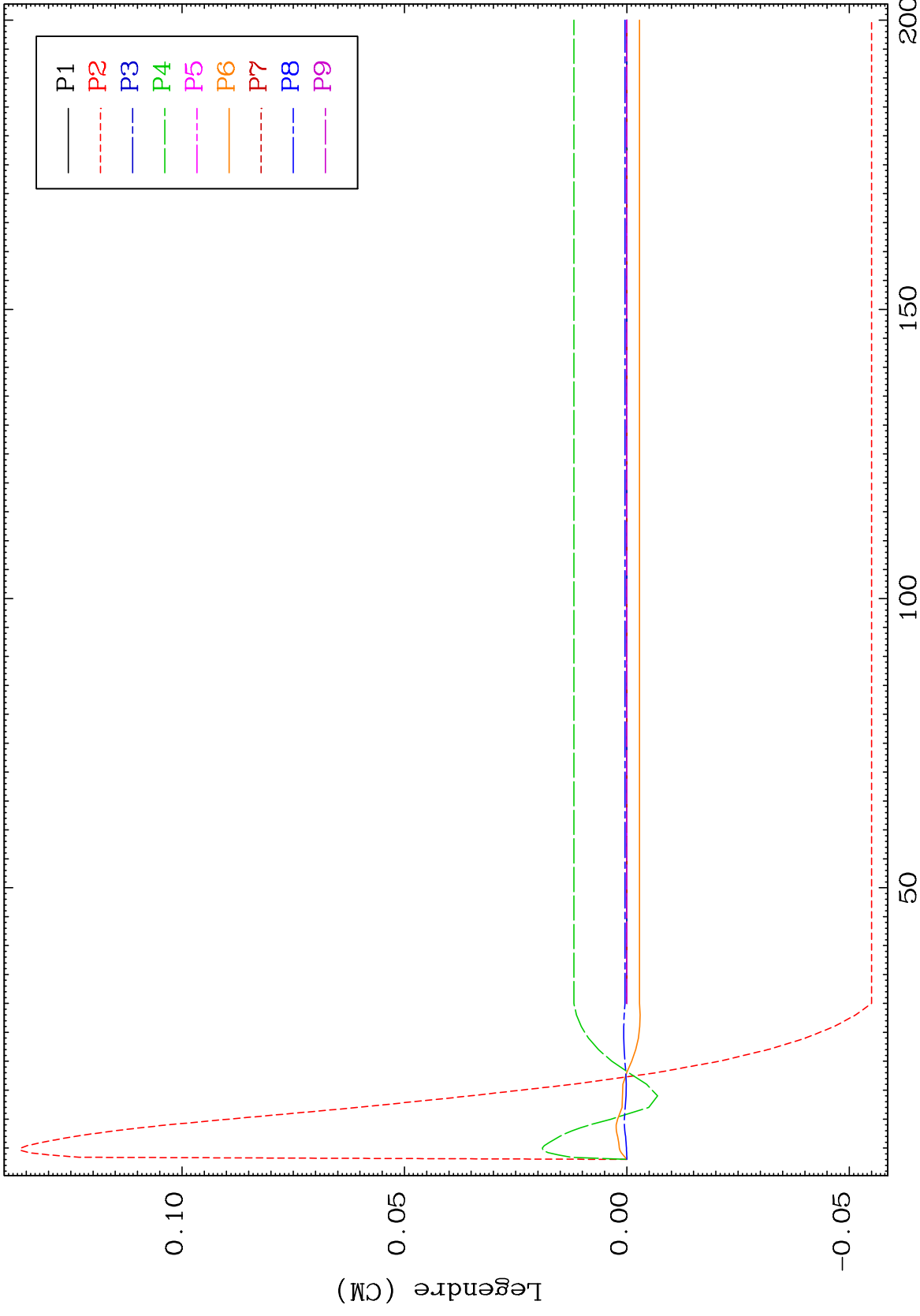
Incident Energy (MeV)

100

MAT 5873

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

58-Ce-152



101

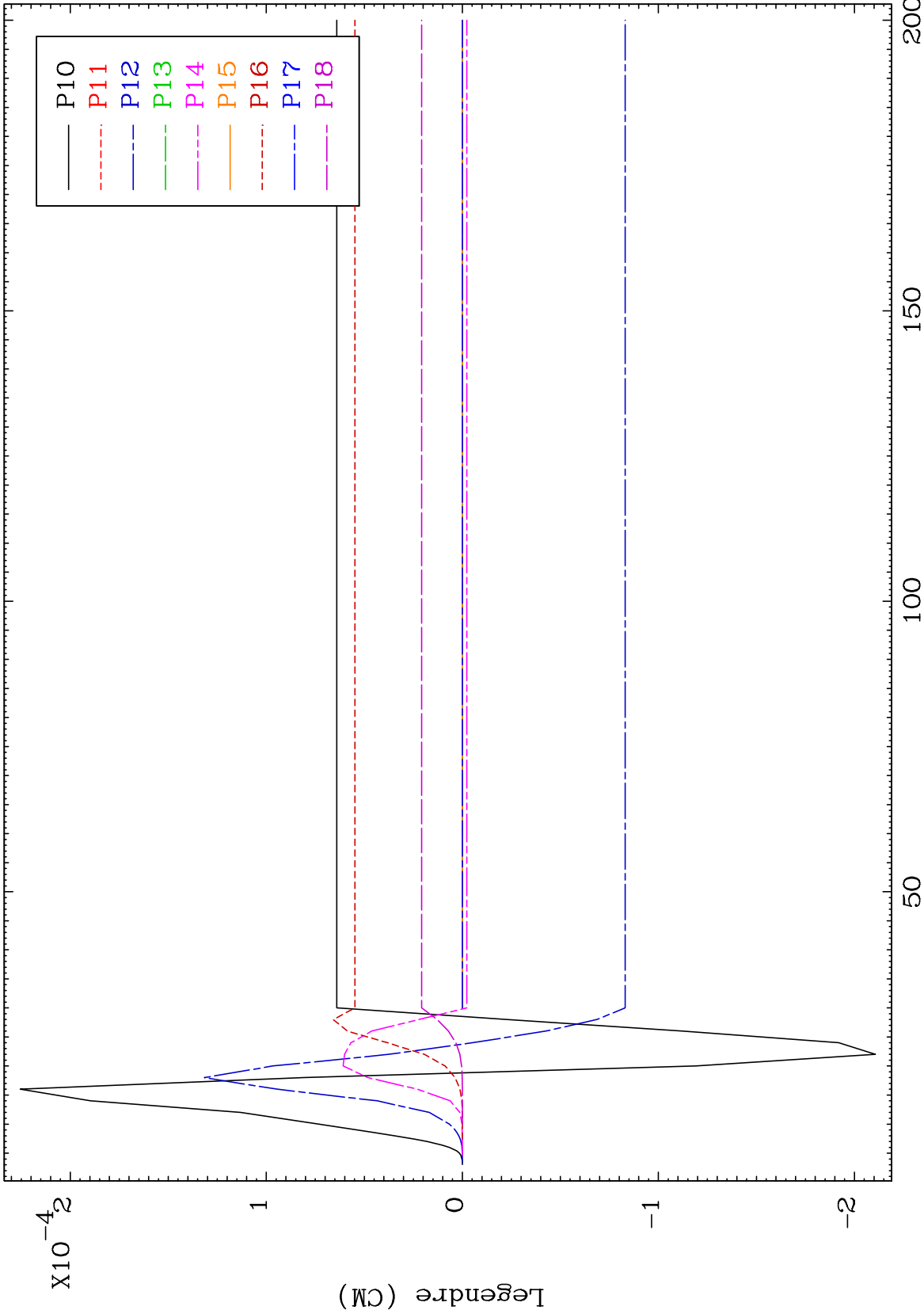
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



102

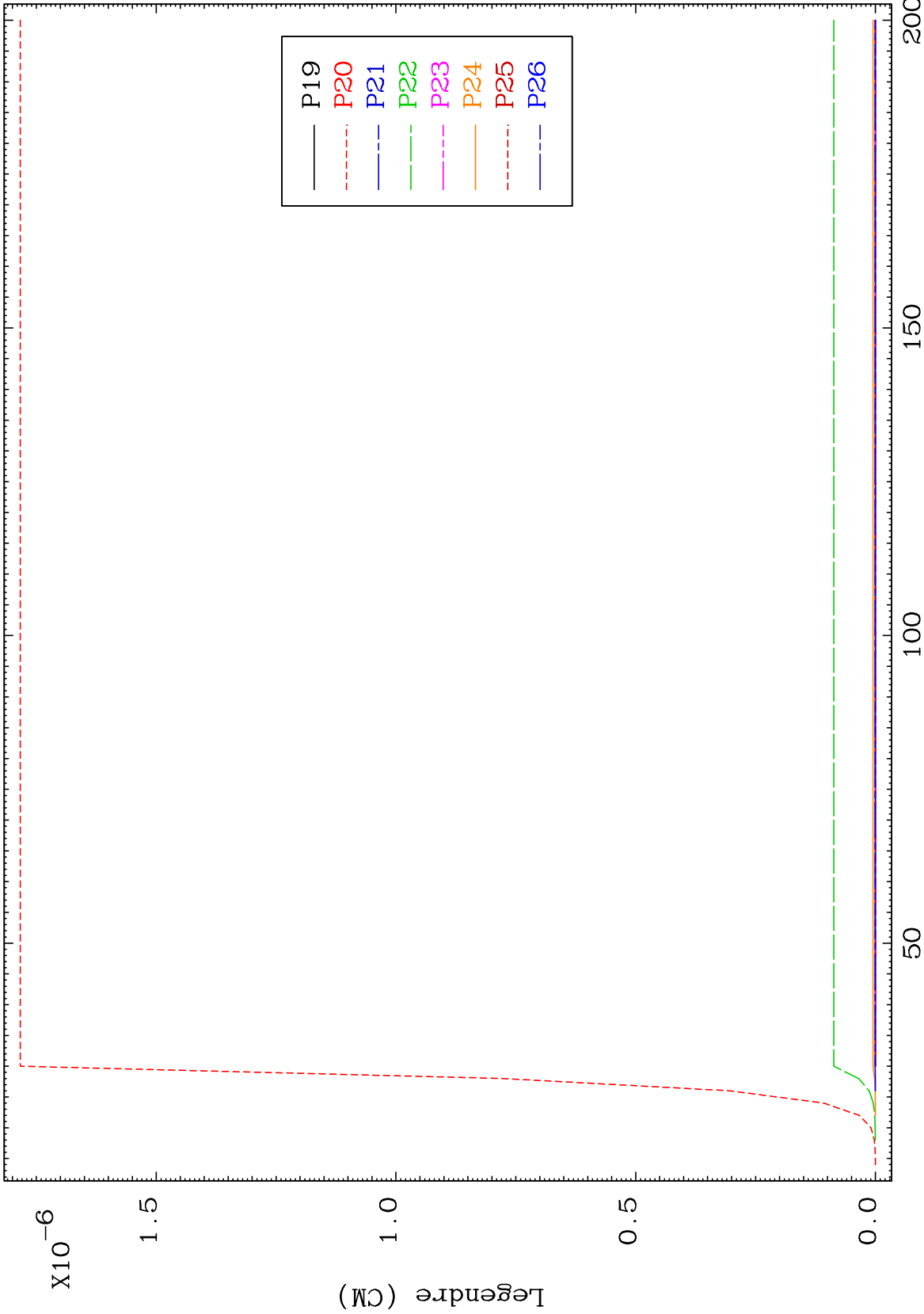
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



103

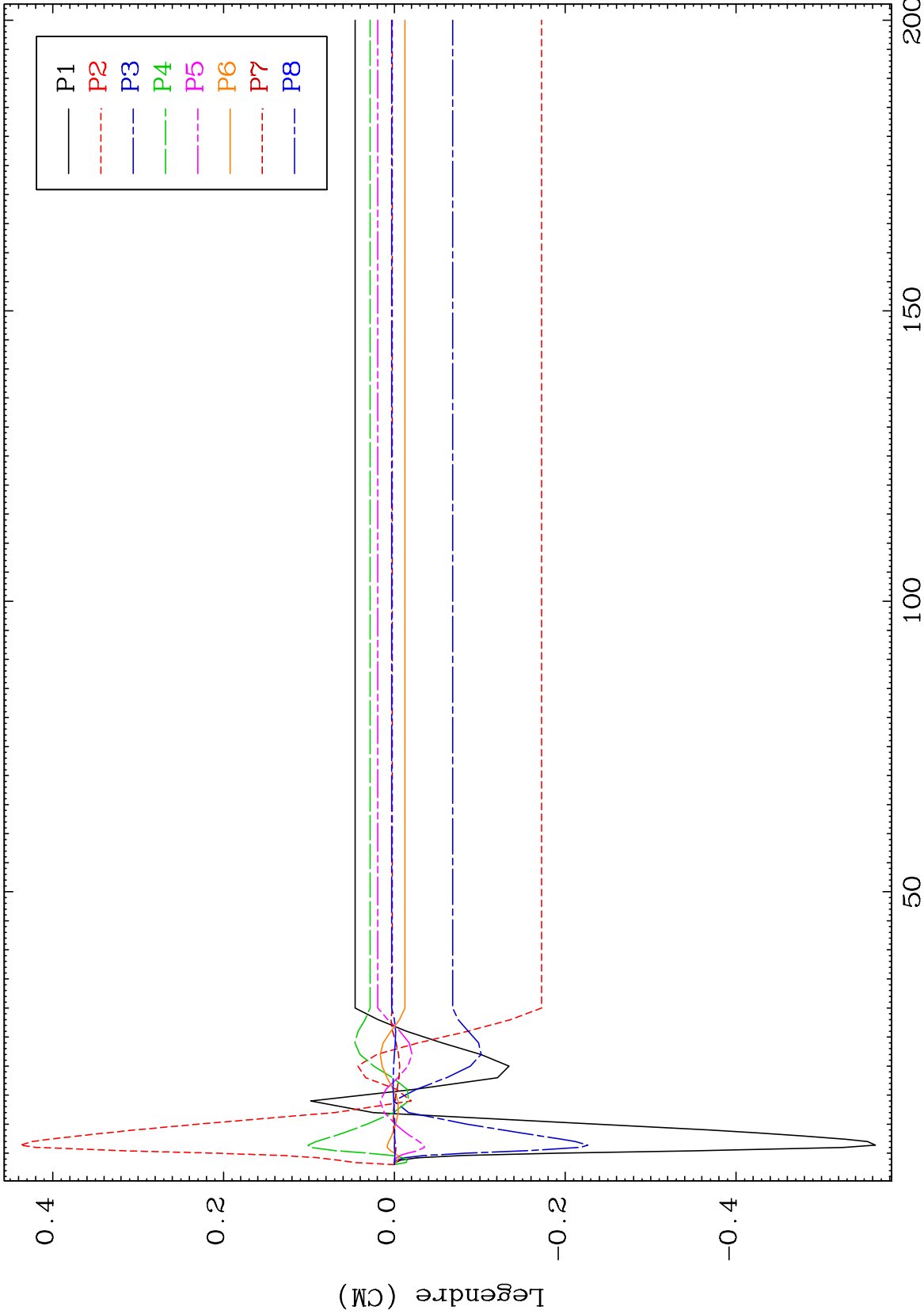
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



104

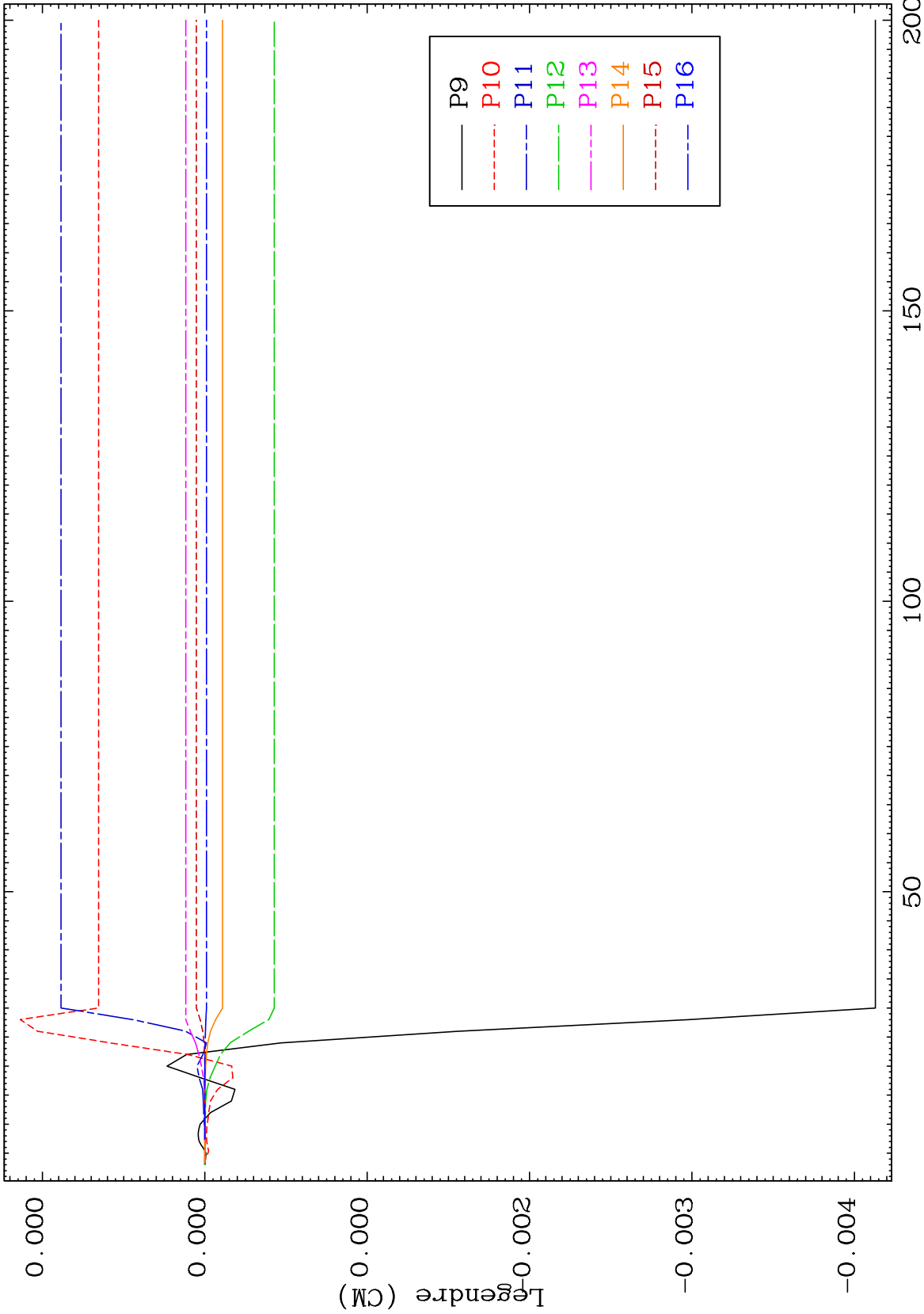
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



105

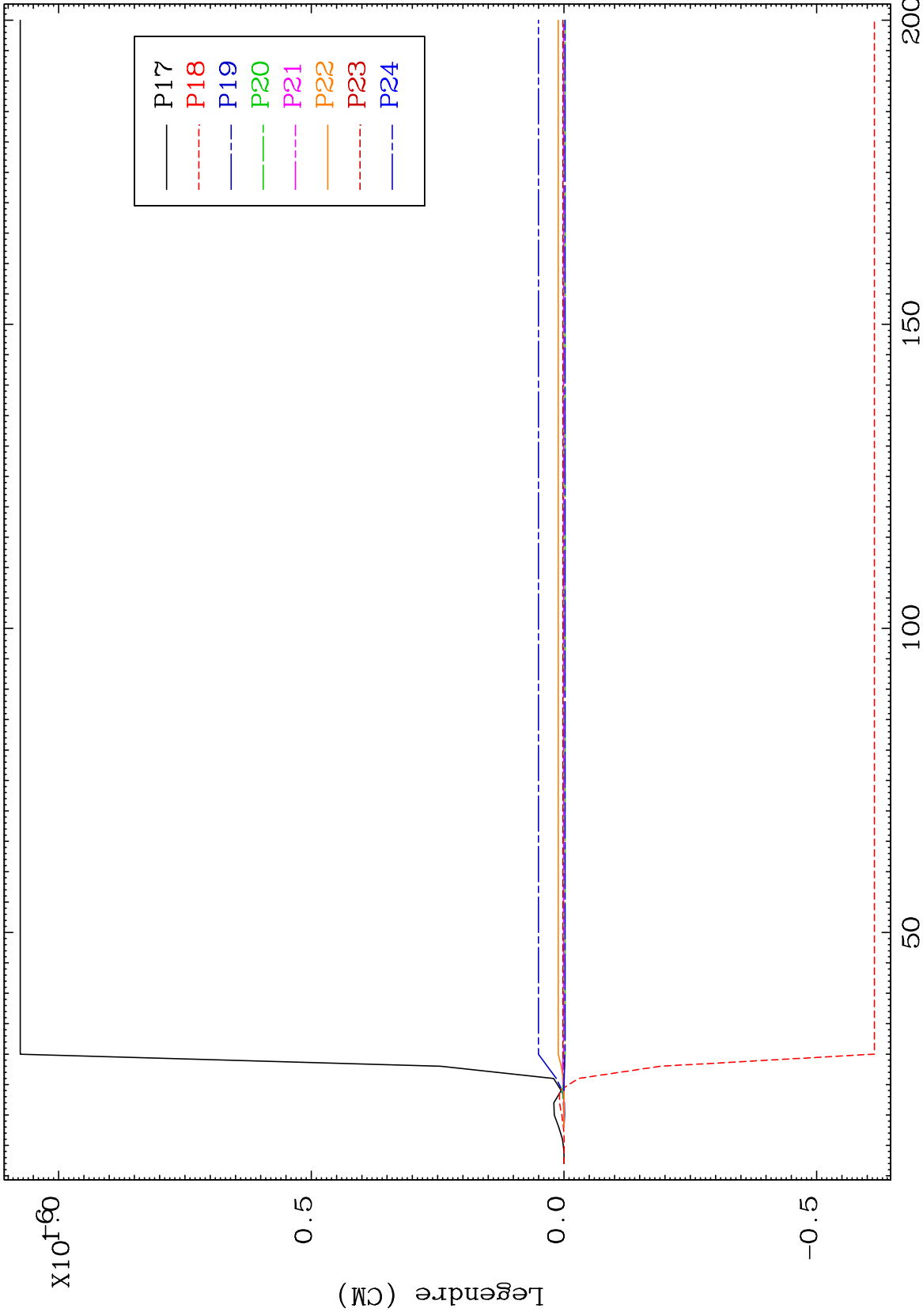
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



106

Incident Energy (MeV)

58-Ce-152