

Program EVALPLOT  
(Version 2021-1)

by

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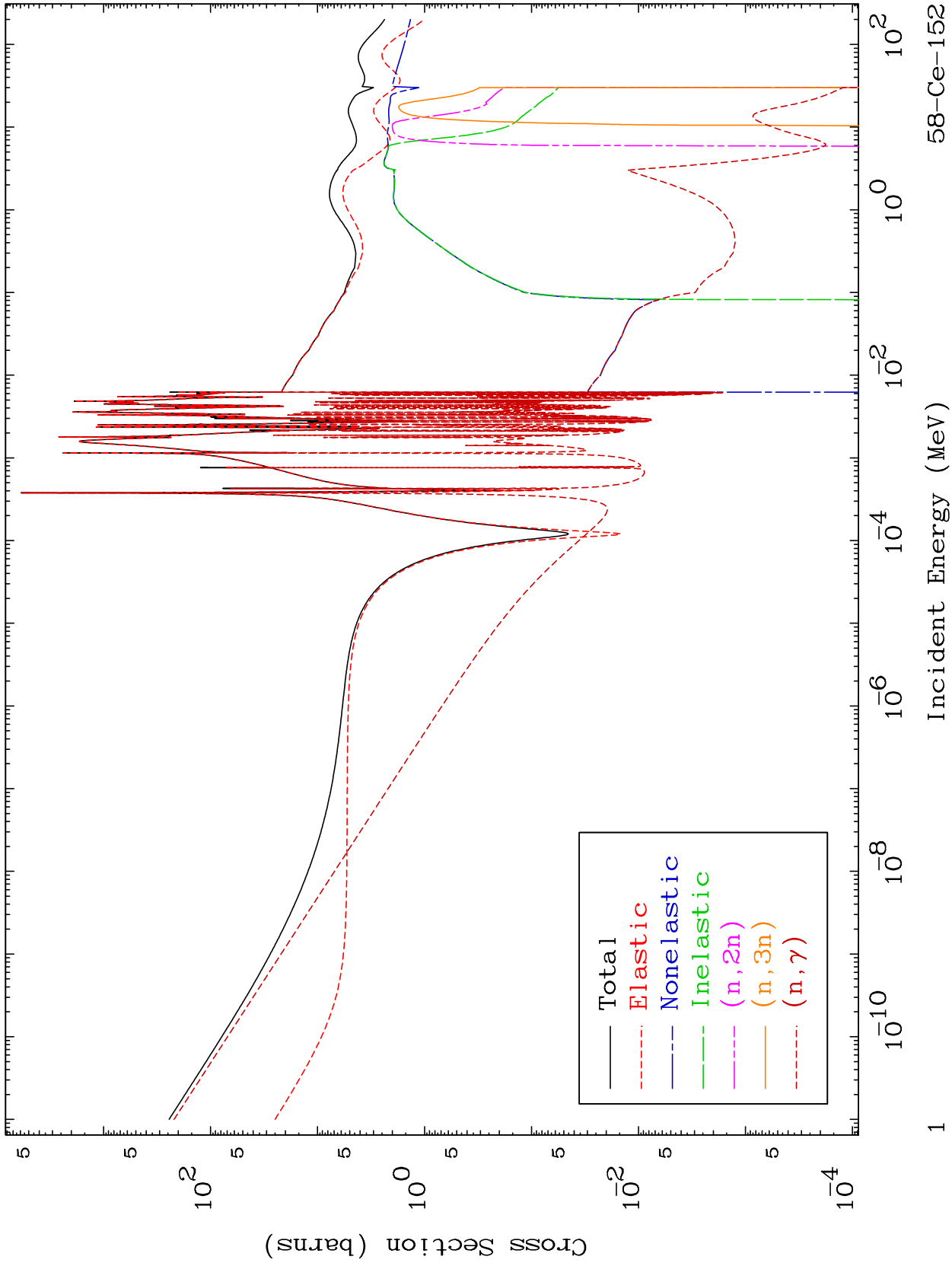
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5873

Neutron Major  
293 Kelvin Cross Sections

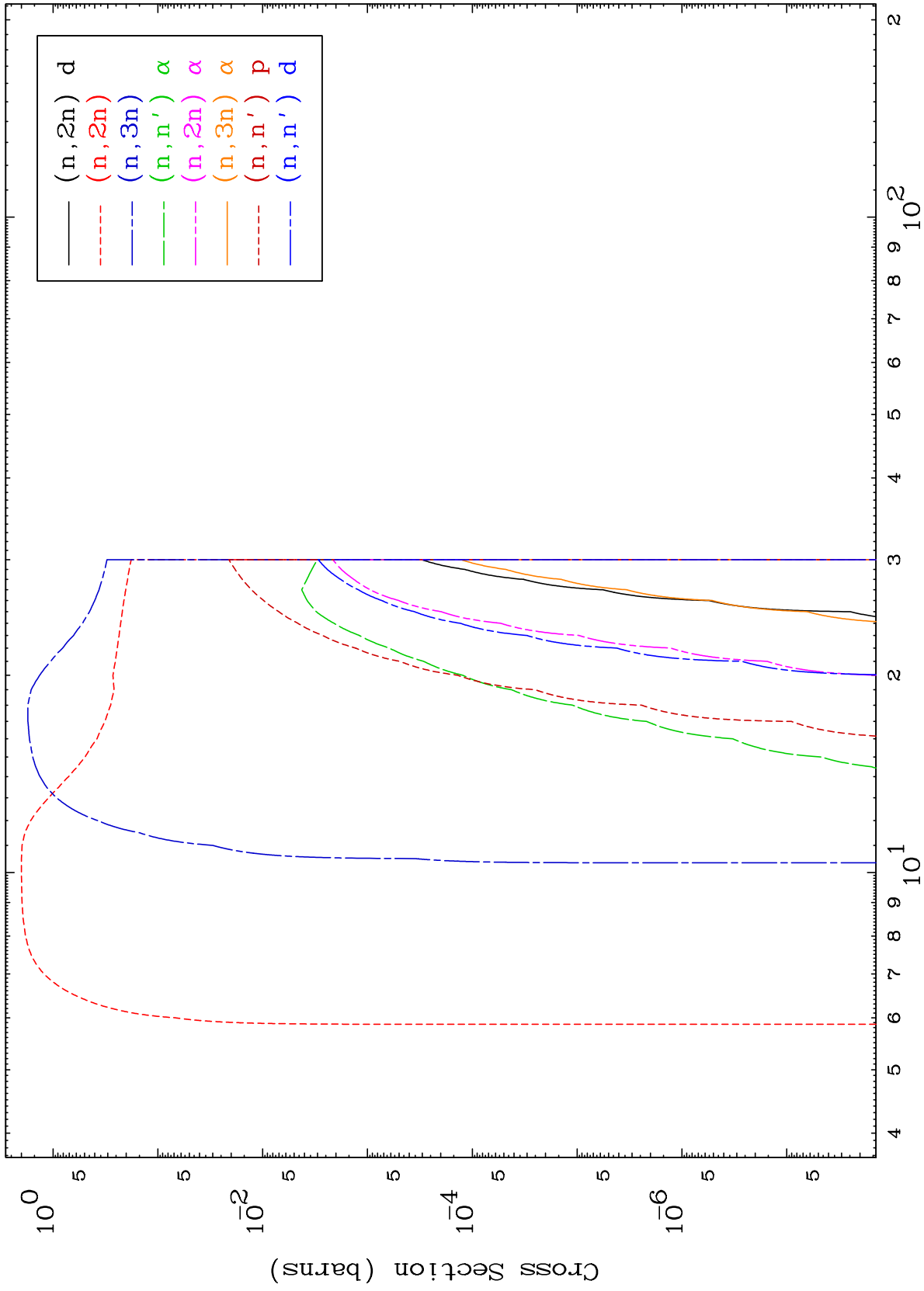
58-Ce-152



MAT 5873

### Neutron Absorption 293 Kelvin Cross Sections

58-Ce-152



2

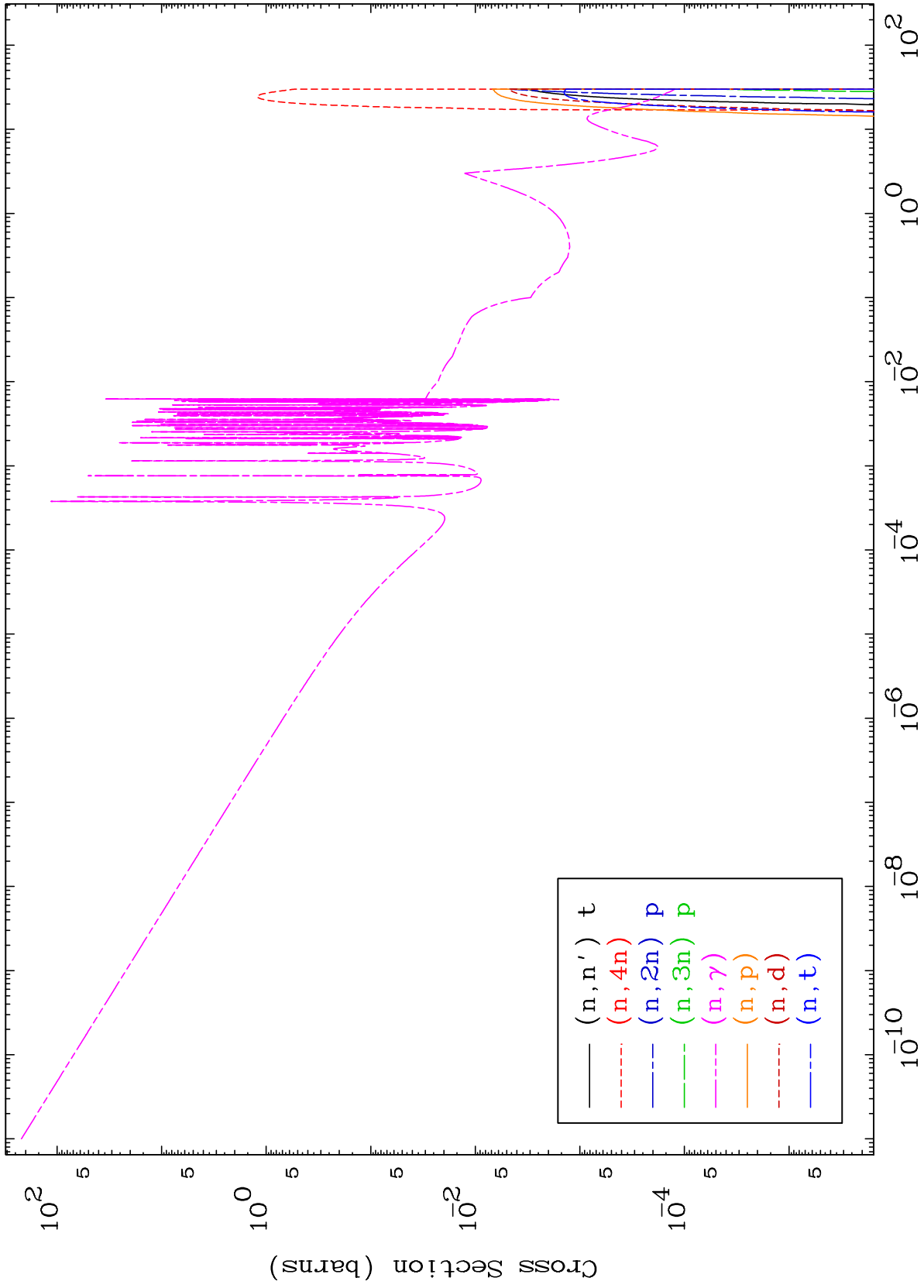
Incident Energy (MeV)

58-Ce-152

MAT 5873

Neutron Absorption  
293 Kelvin Cross Sections

58-Ce-152

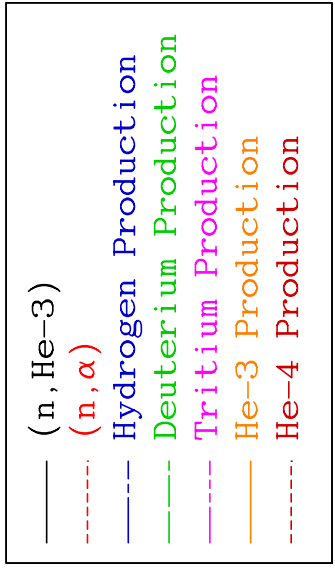
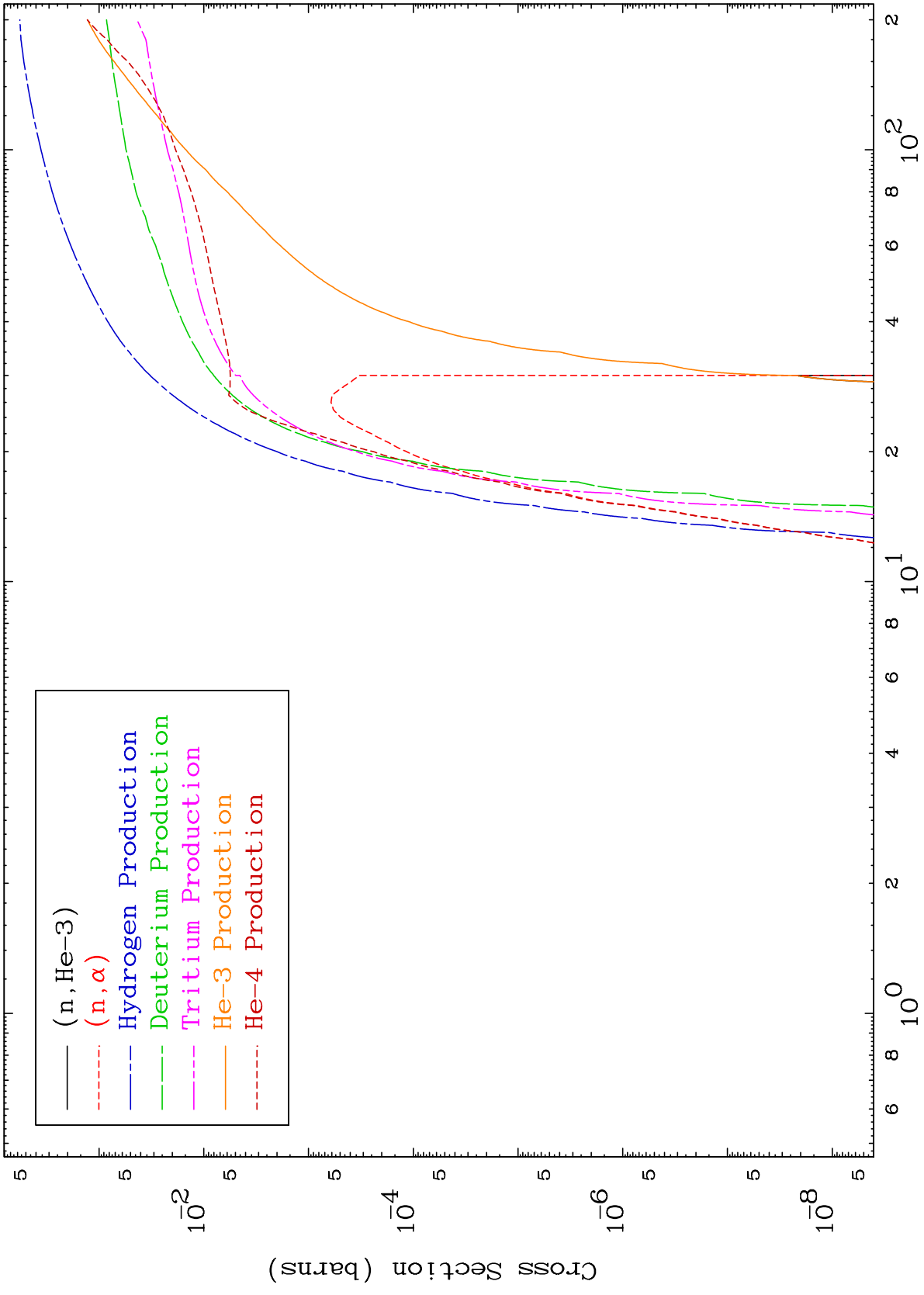


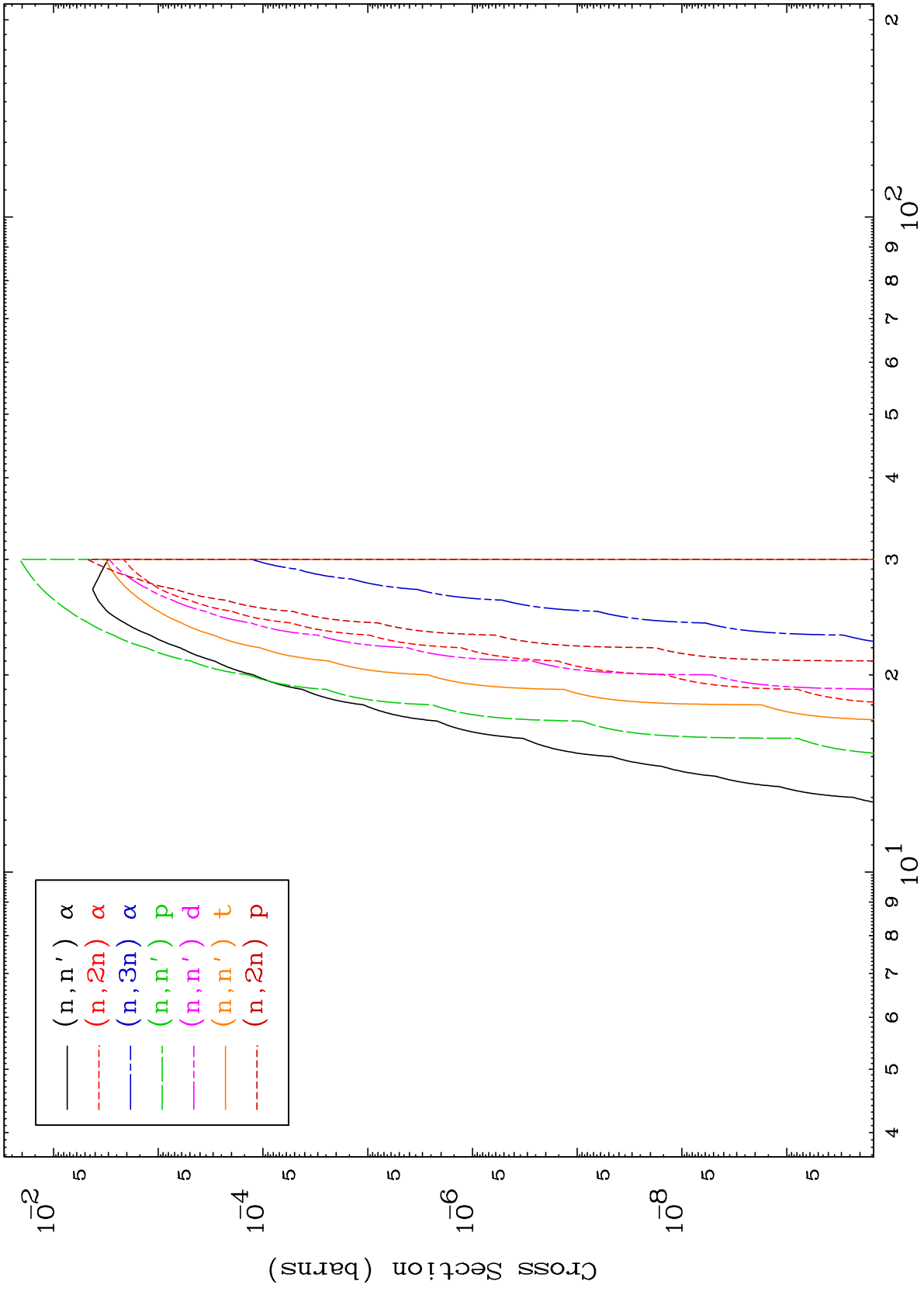
58-Ce-152

MAT 5873

Neutron Absorption  
293 Kelvin Cross Sections

58-Ce-152

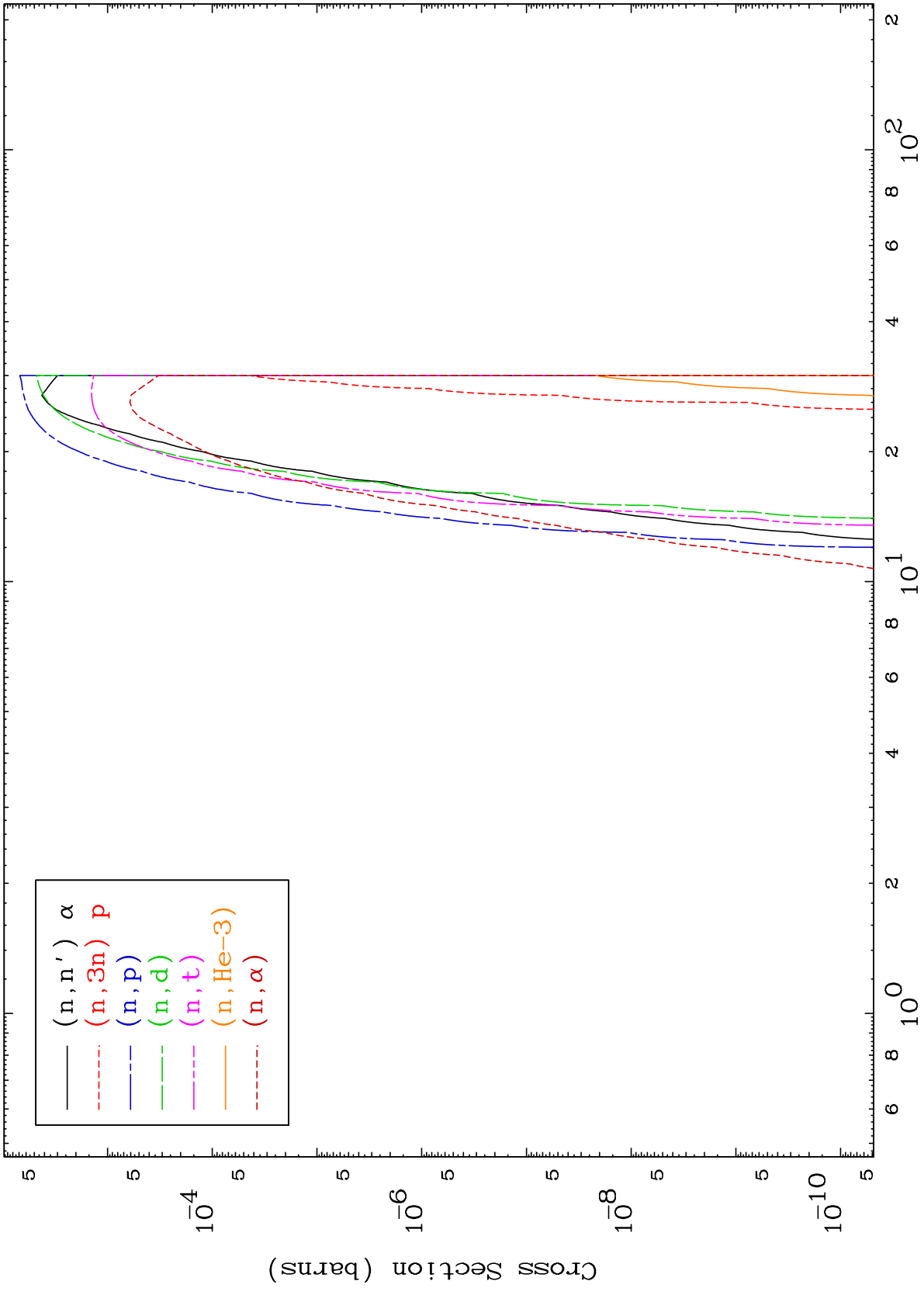




MAT 5873

Charged Particle  
293 Kelvin Cross Sections

58-Ce-152



6

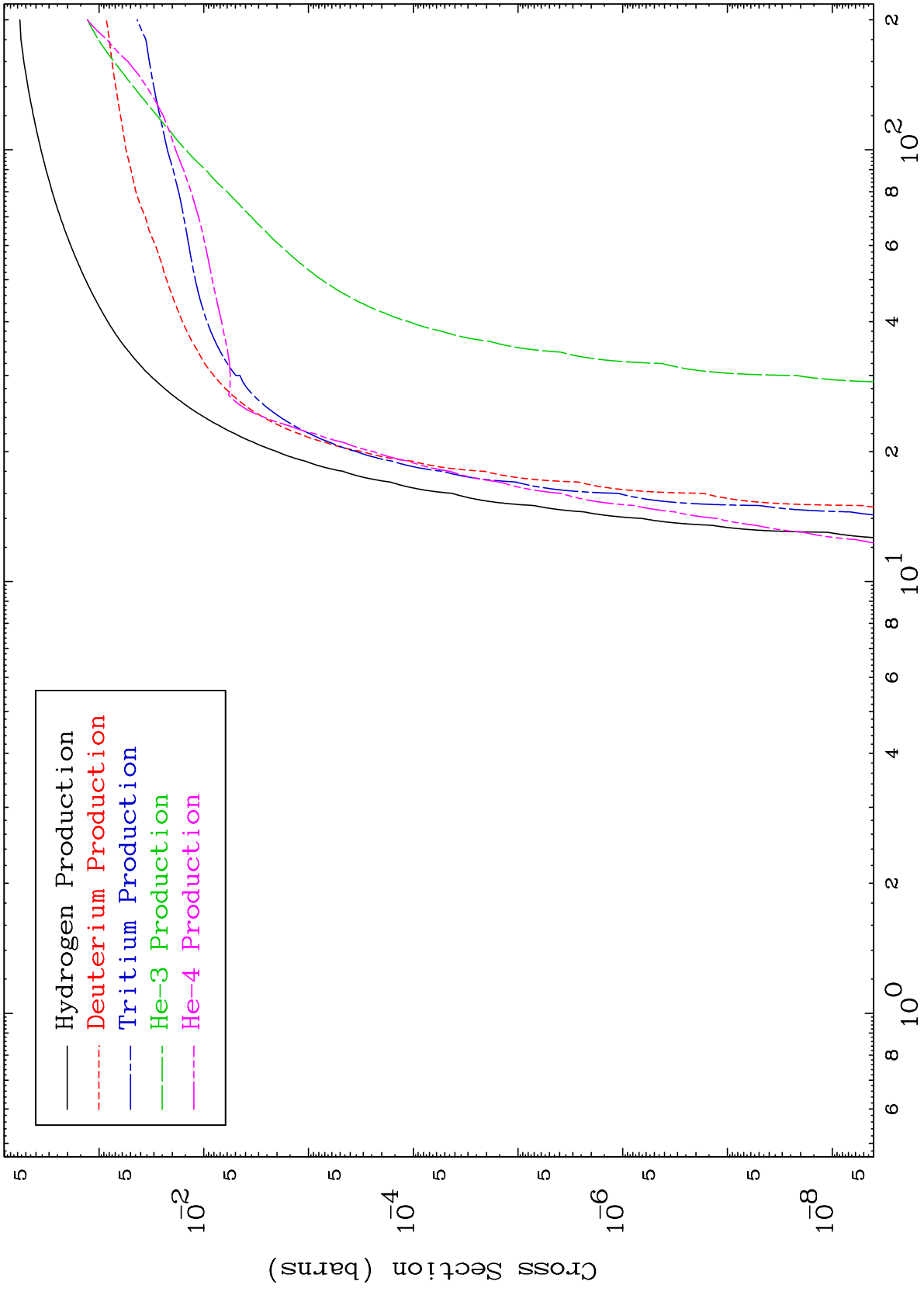
Incident Energy (MeV)

58-Ce-152

MAT 5873

Particle Production  
293 Kelvin Cross Sections

58-Ce-152



58-Ce-152

Incident Energy (MeV)

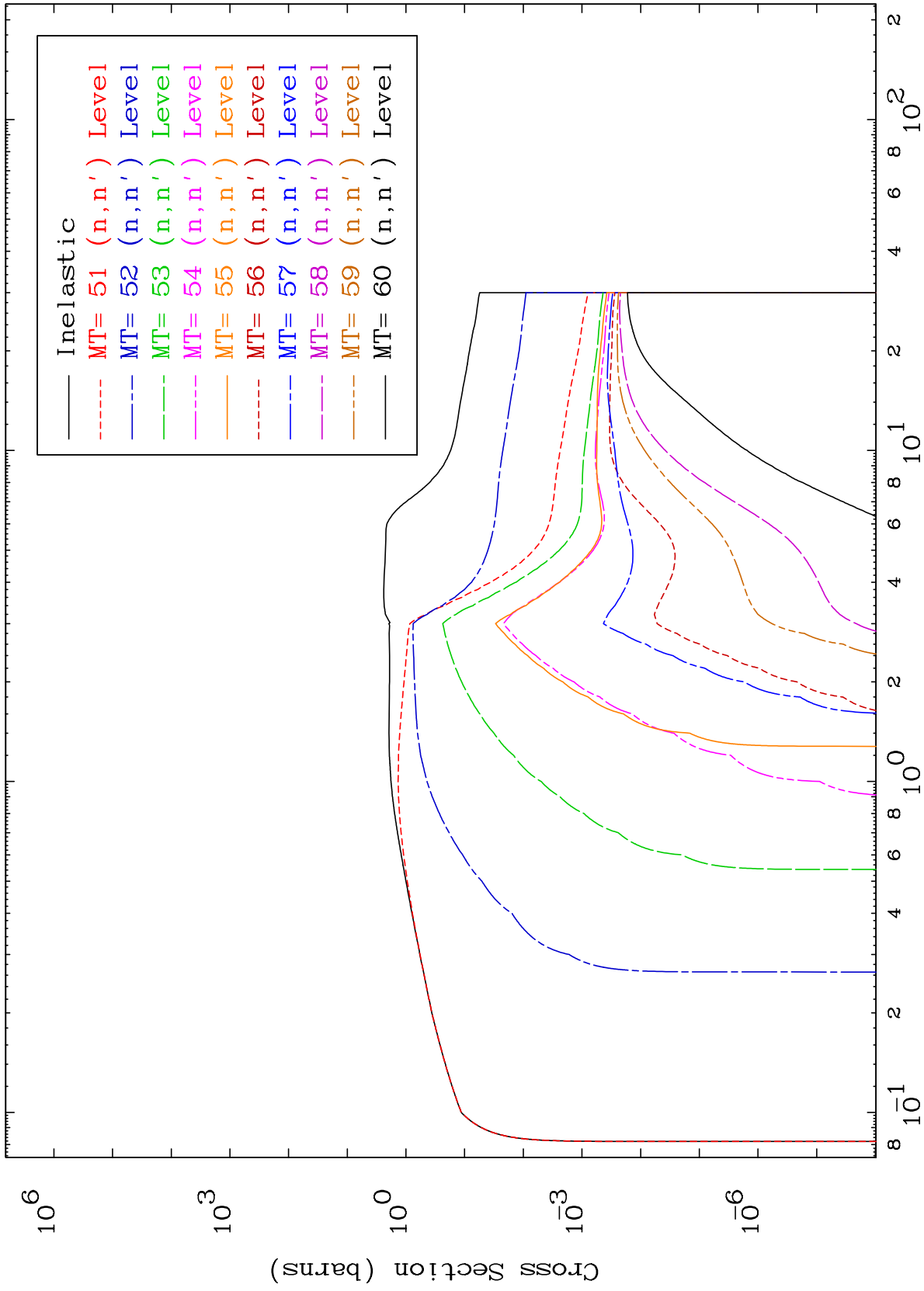
7



MAT 5873

(n,n') Levels  
293 Kelvin Cross Sections

58-Ce-152



8

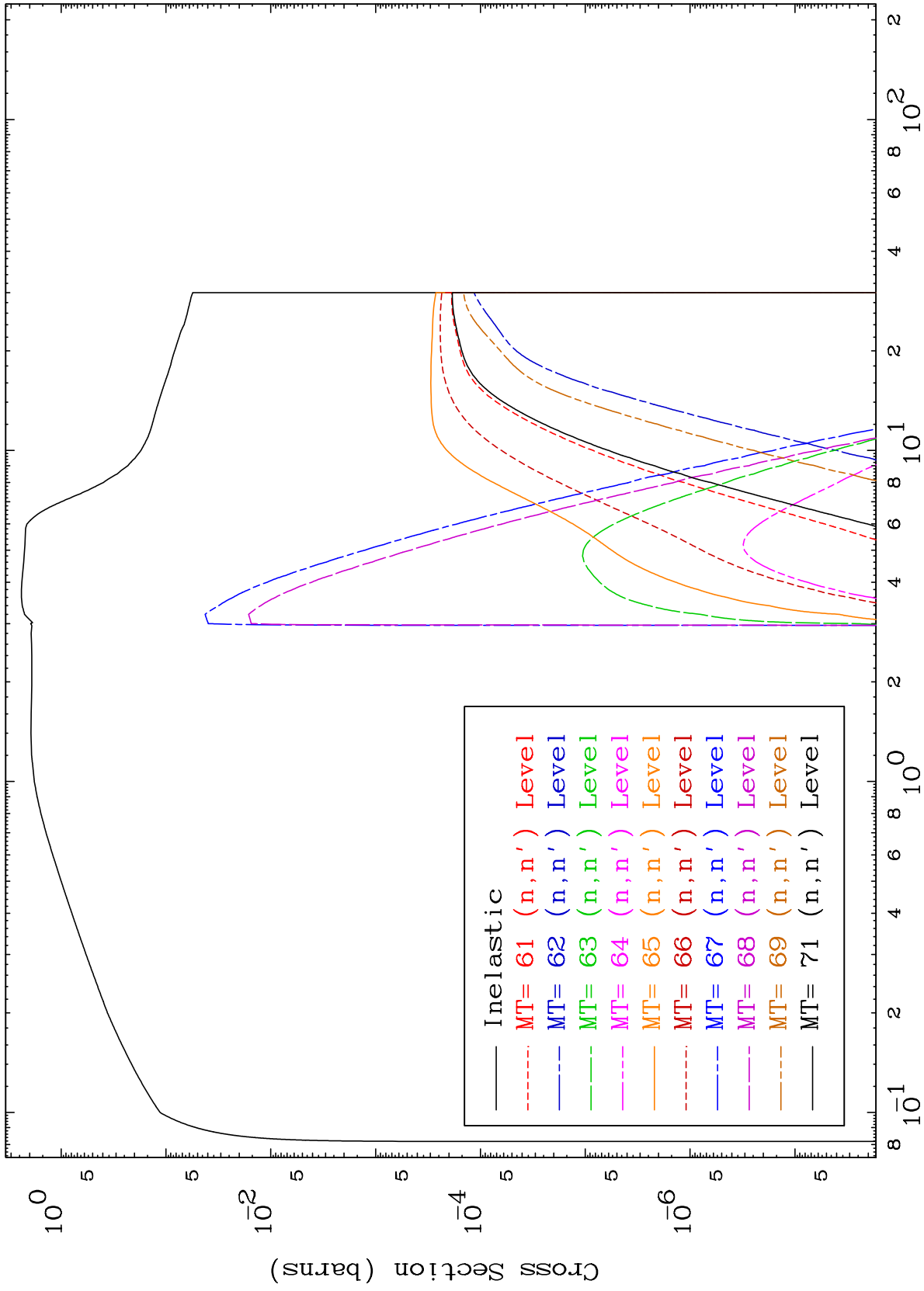
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,n') Levels  
293 Kelvin Cross Sections

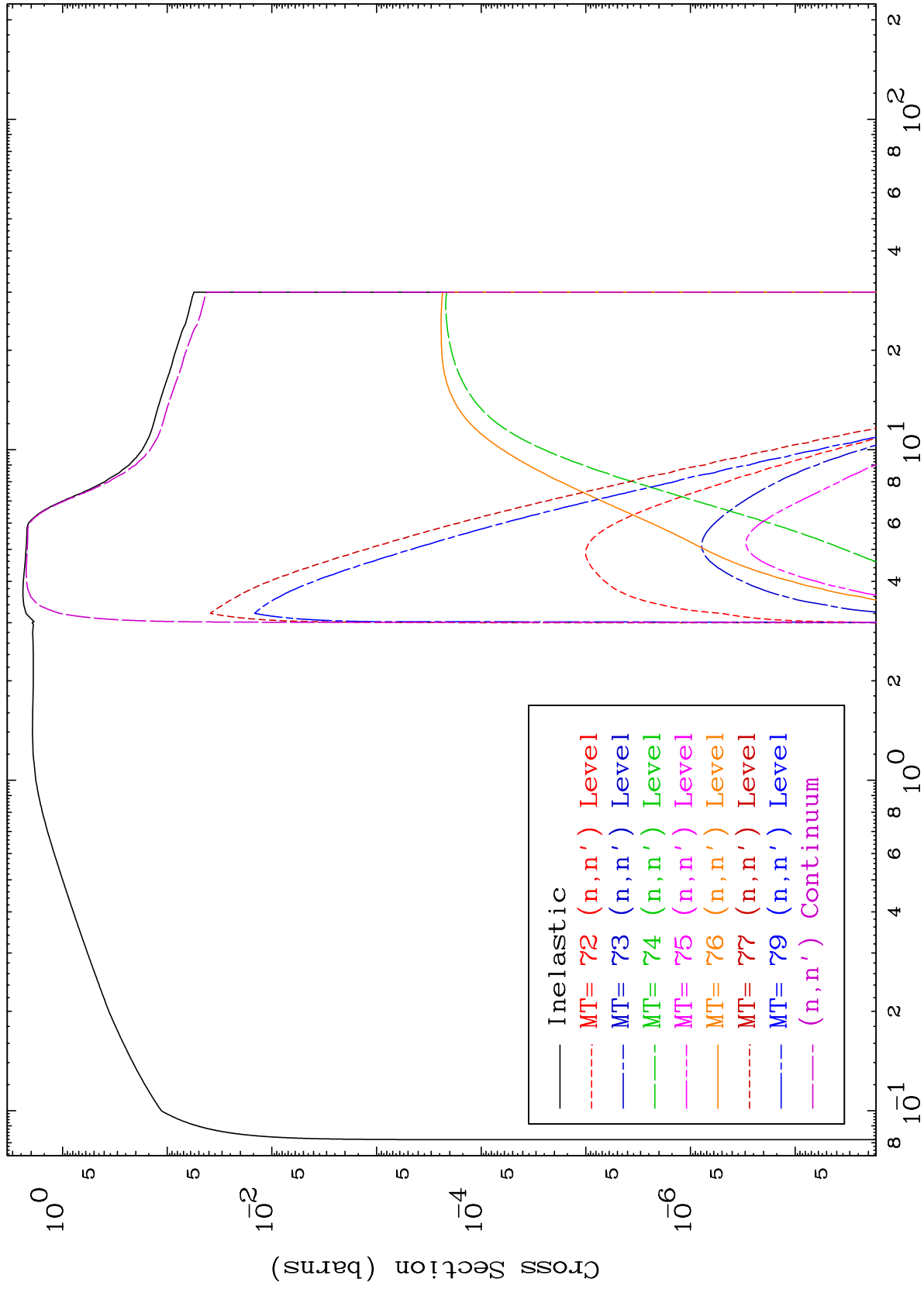
58-Ce-152



MAT 5873

58-Ce-152

(n,n') Levels  
293 Kelvin Cross Sections



58-Ce-152

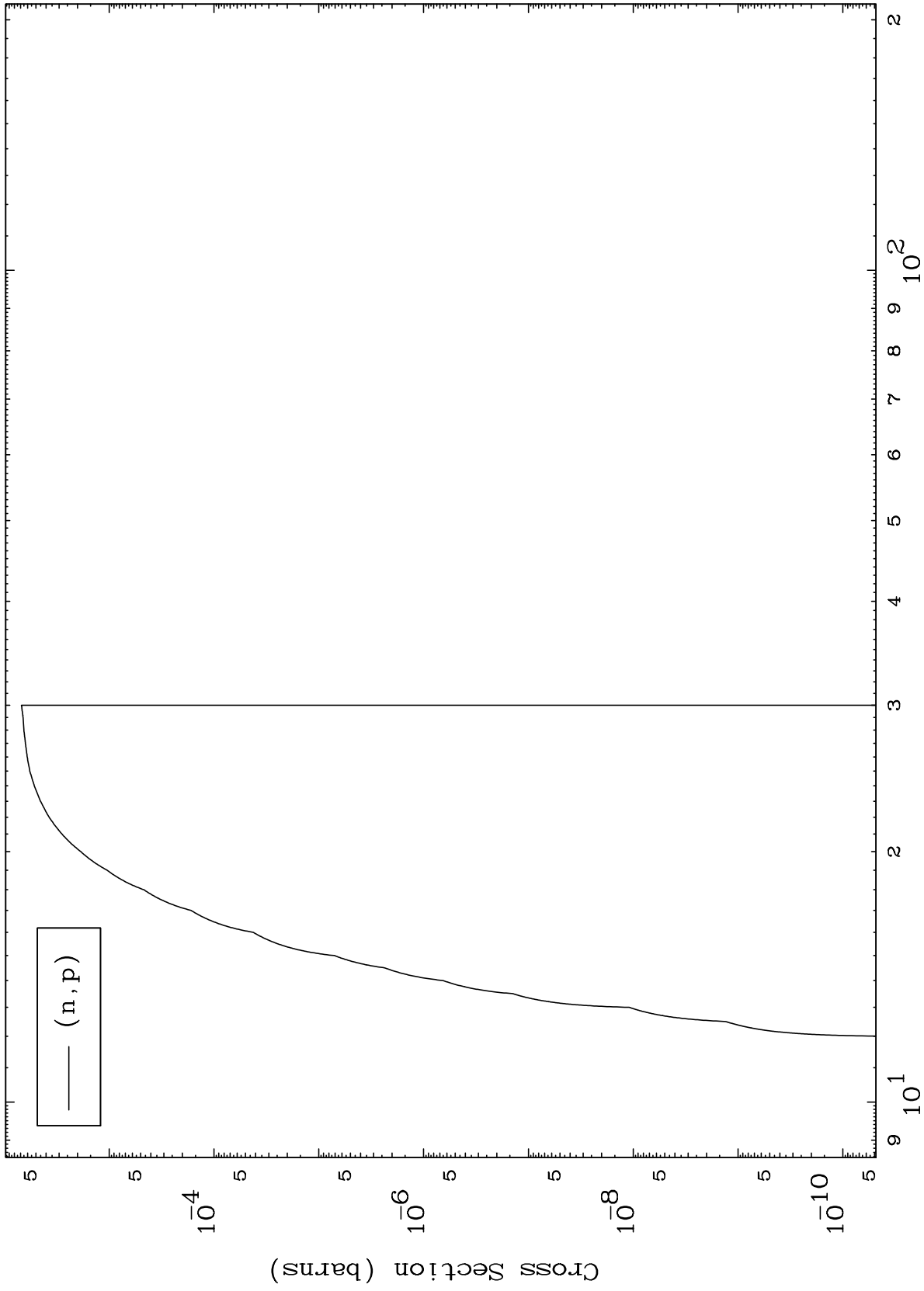
Incident Energy (MeV)

10

MAT 5873

(n,p) Levels  
293 Kelvin Cross Sections

58-Ce-152



11

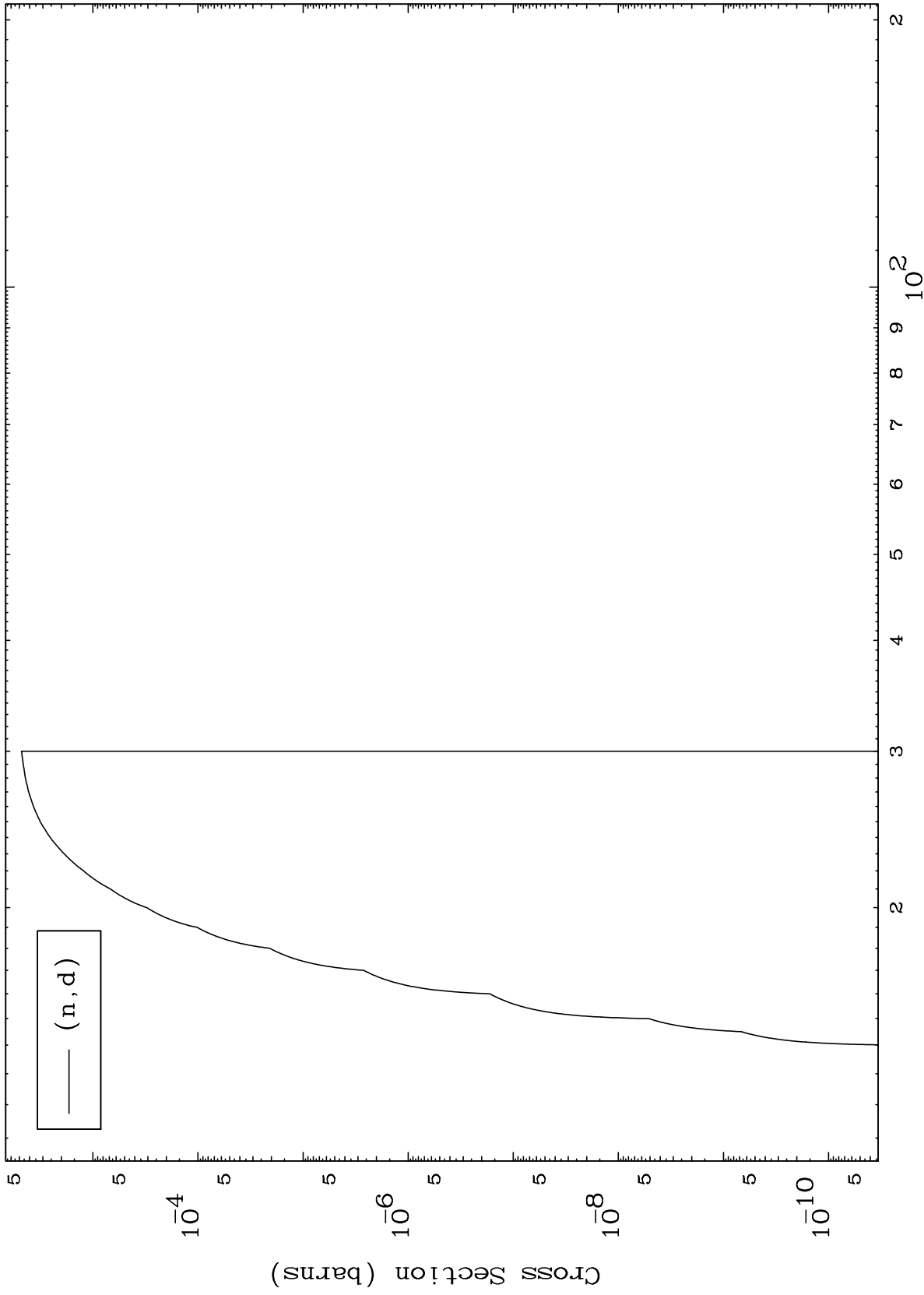
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,d) Levels  
293 Kelvin Cross Sections

58-Ce-152



12

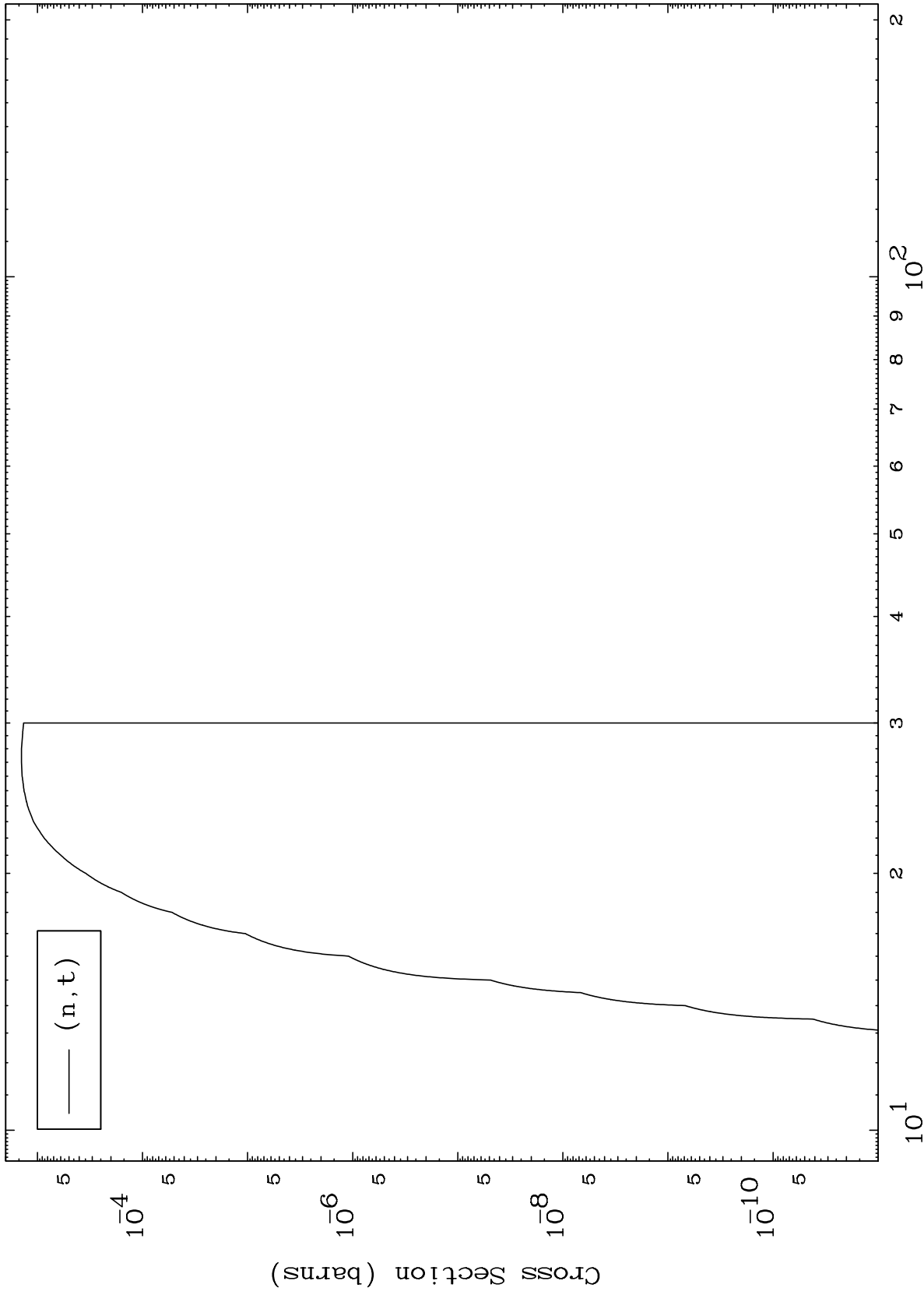
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-152



13

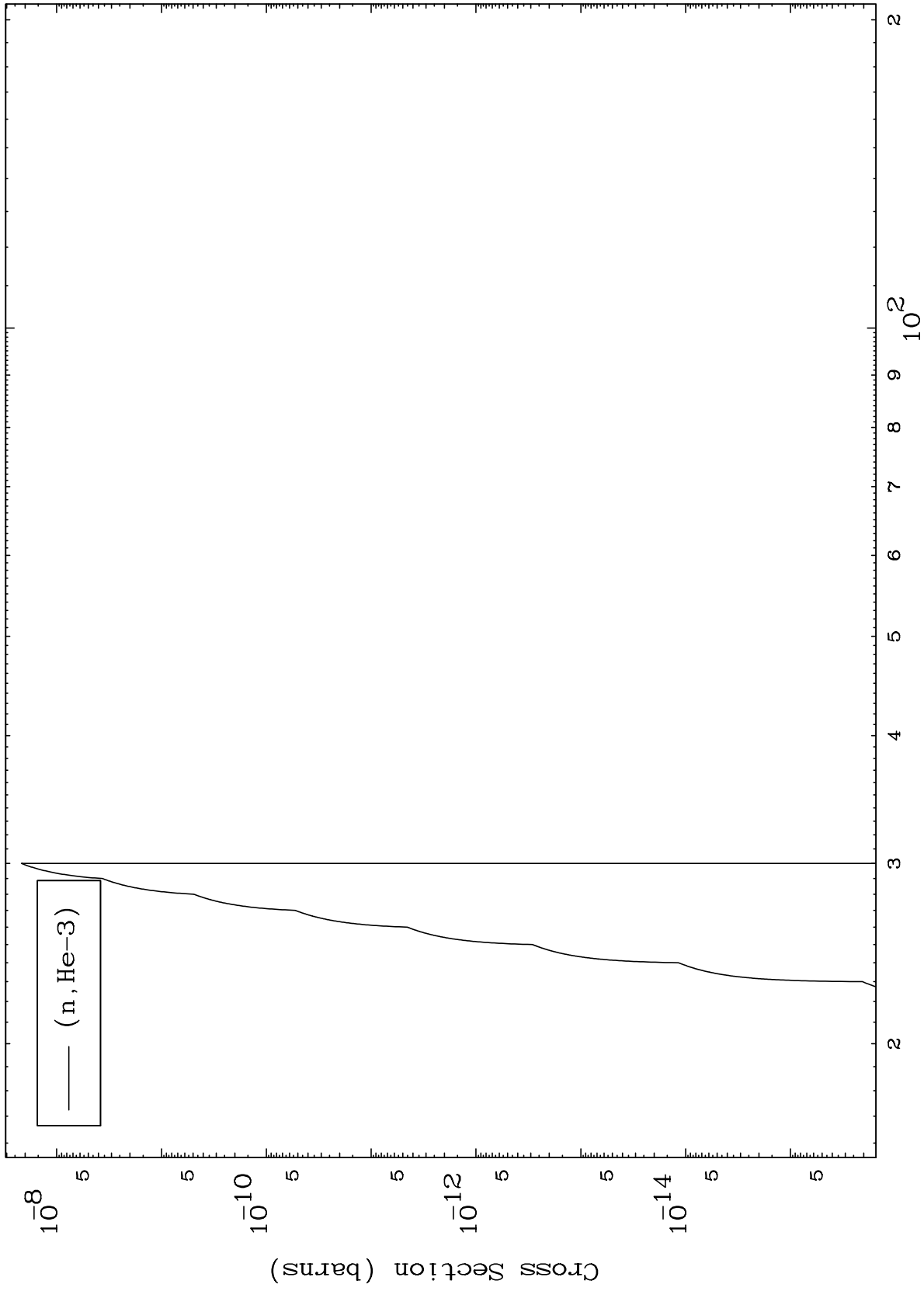
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,He3) Levels  
293 Kelvin Cross Sections

58-Ce-152



14

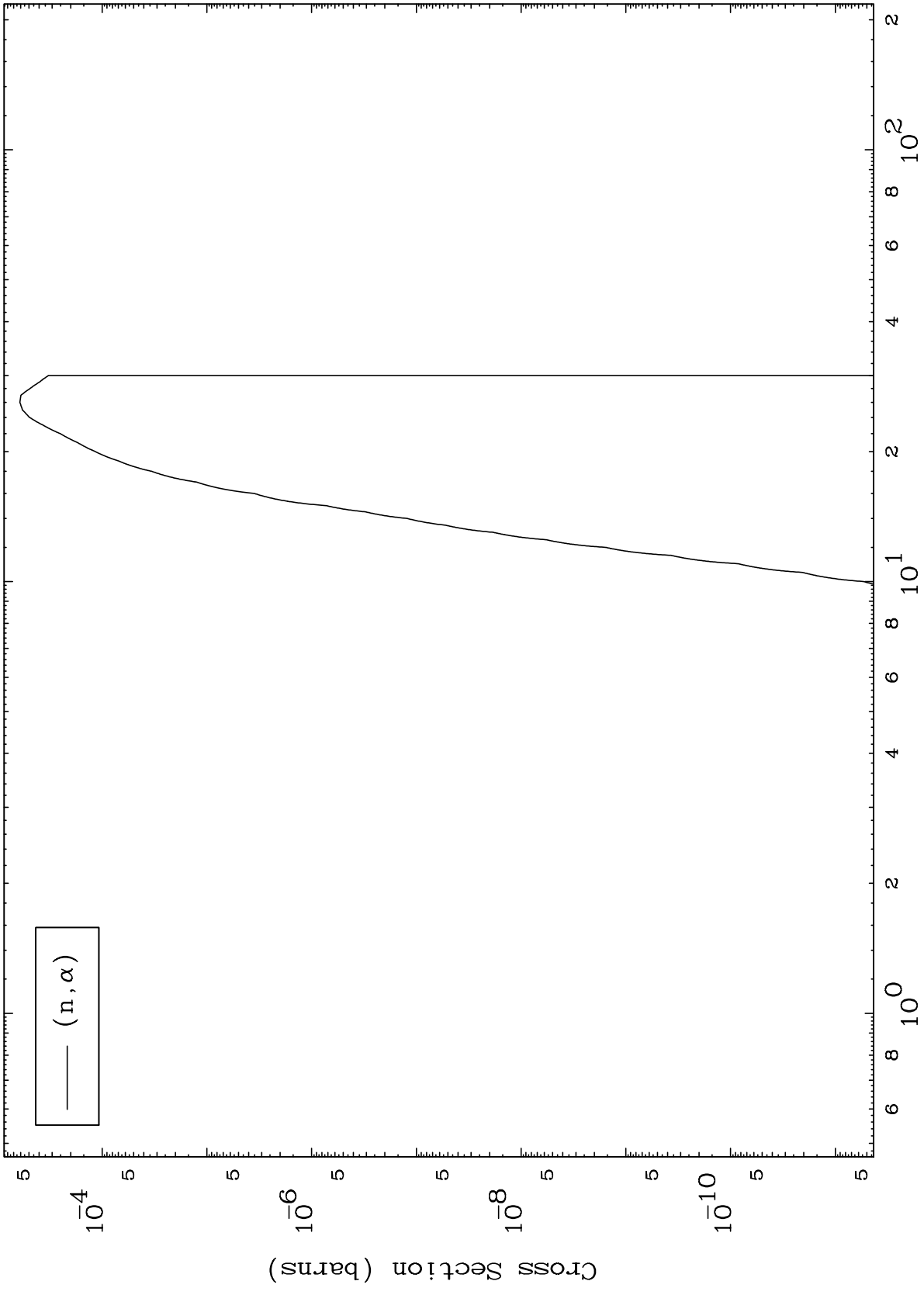
Incident Energy (MeV)

58-Ce-152

MAT 5873

(n,α) Levels  
293 Kelvin Cross Sections

58-Ce-152



15

Incident Energy (MeV)

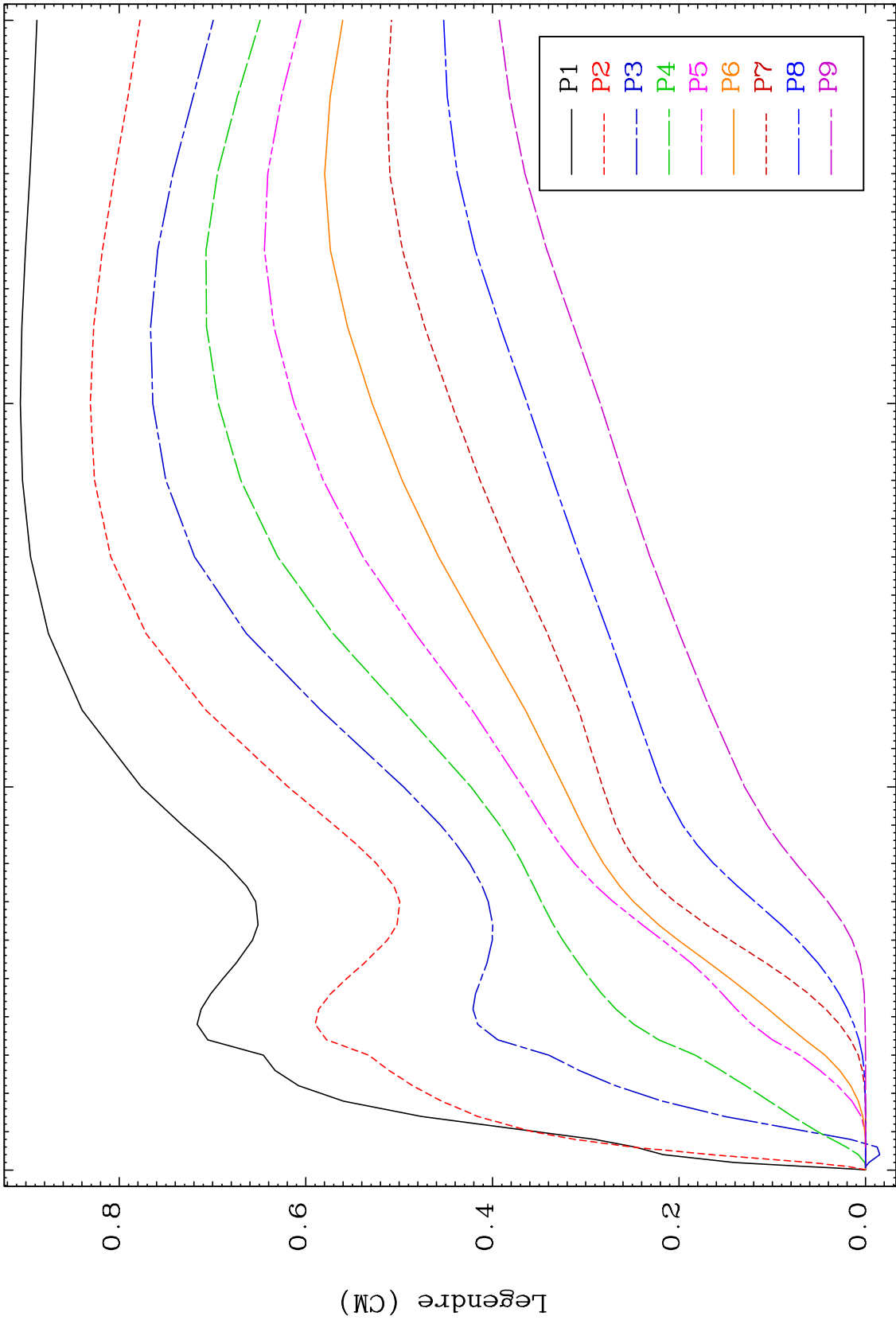
58-Ce-152



MAT 5873

Elastic Legendre Coefficients

58-Ce-152



16

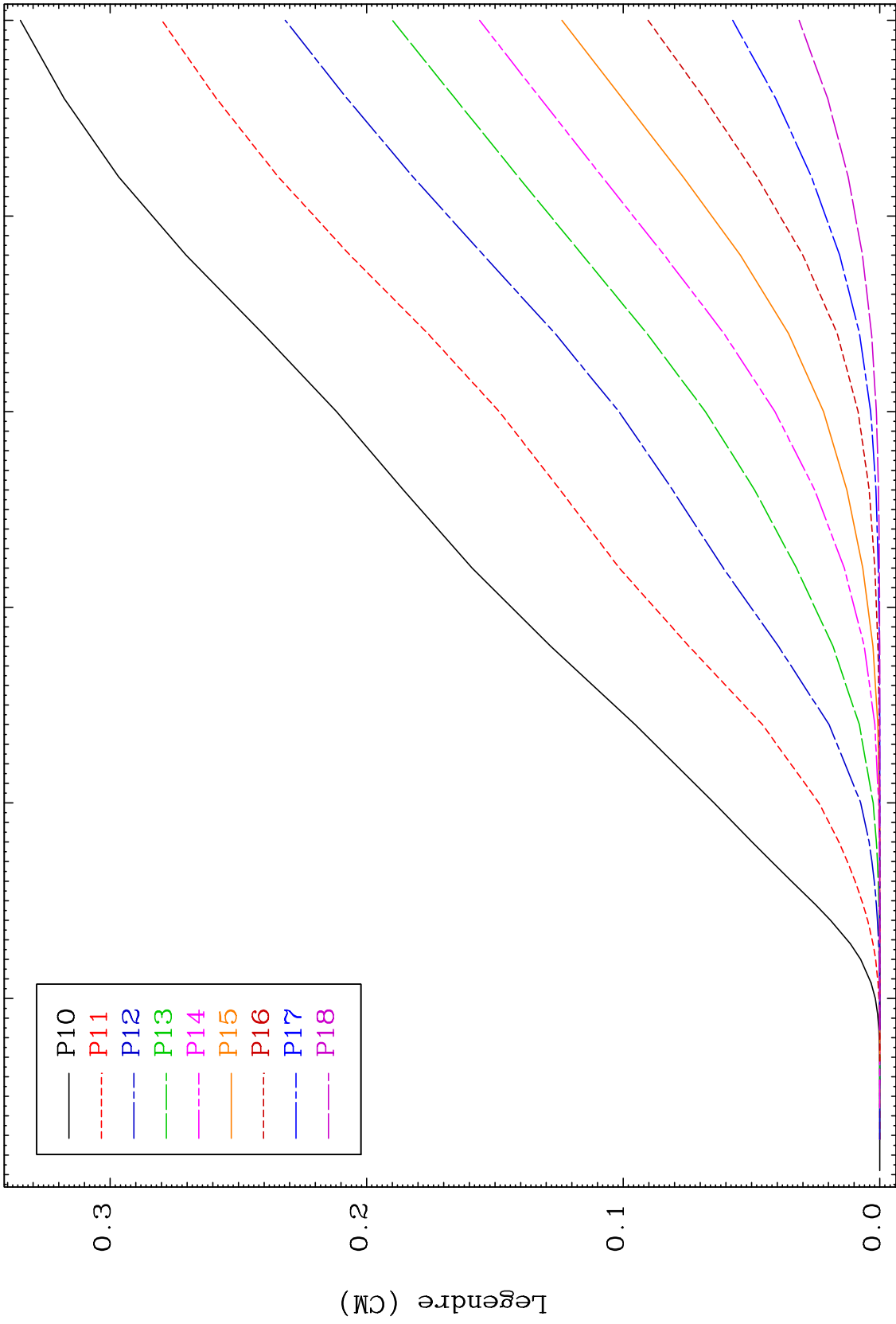
Incident Energy (MeV)

58-Ce-152

MAT 5873

Elastic Legendre Coefficients

58-Ce-152



17

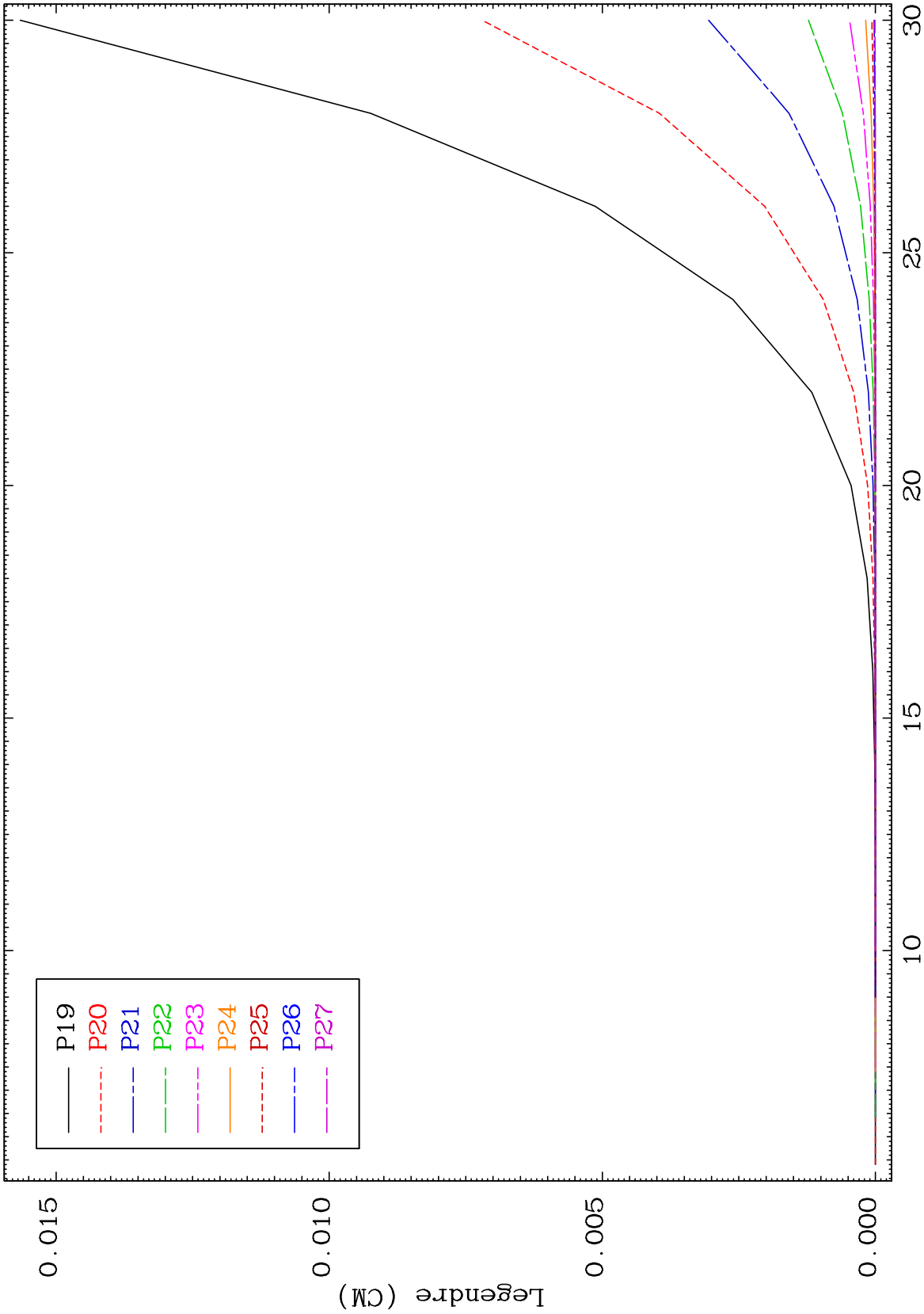
Incident Energy (MeV)

58-Ce-152

MAT 5873

### Elastic Legendre Coefficients

58-Ce-152



18

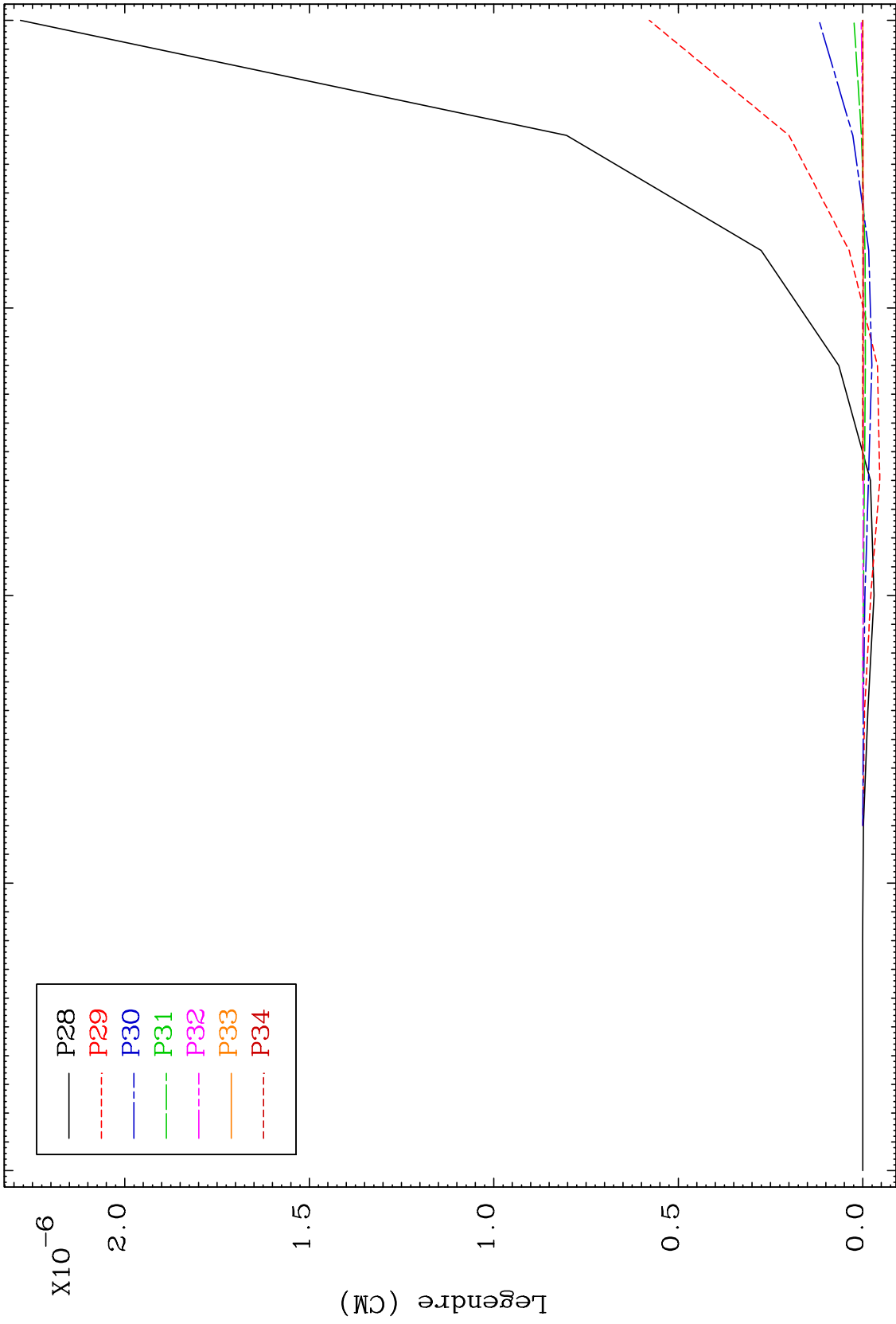
Incident Energy (MeV)

58-Ce-152

MAT 5873

Elastic Legendre Coefficients

58-Ce-152



19

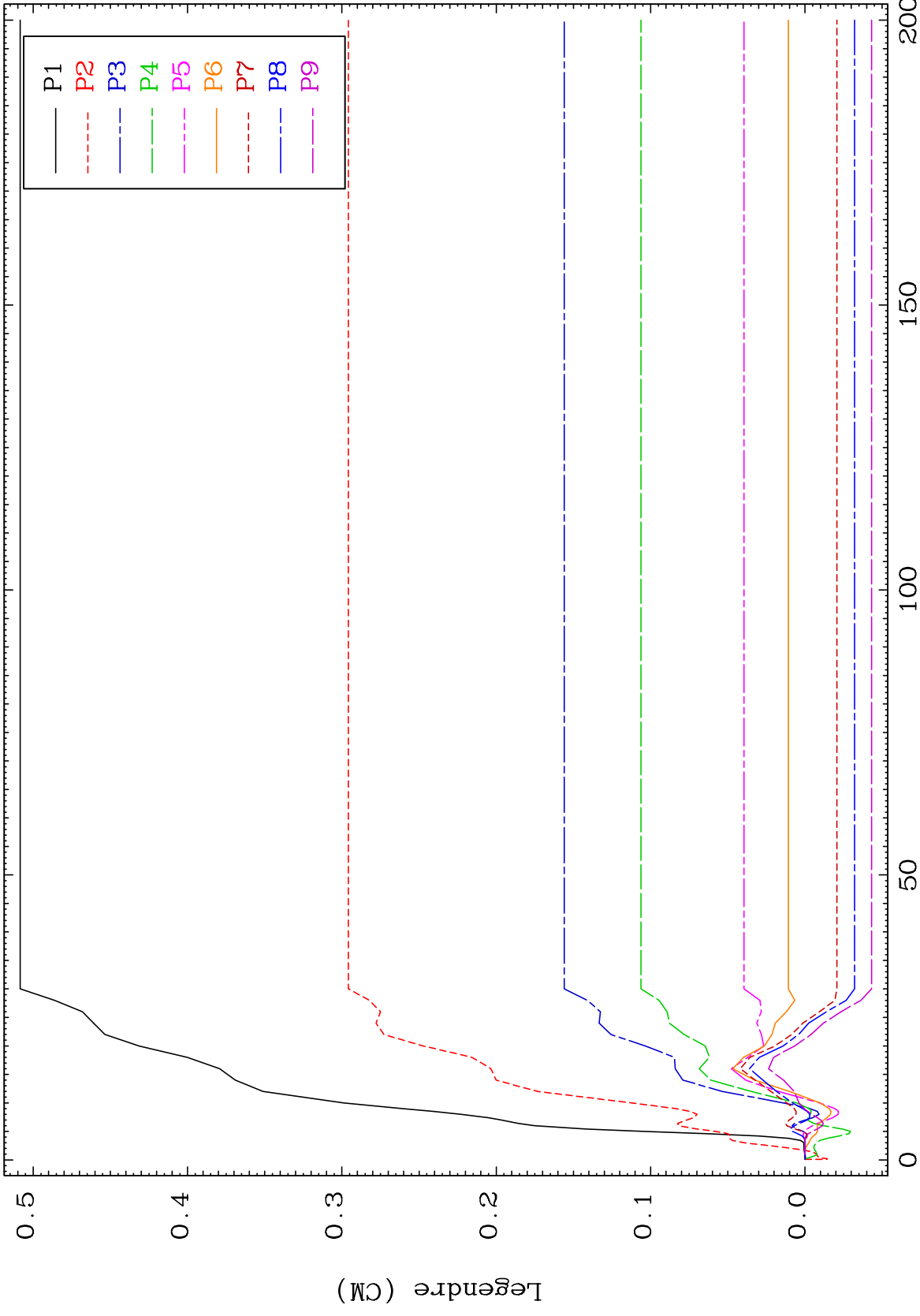
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



20

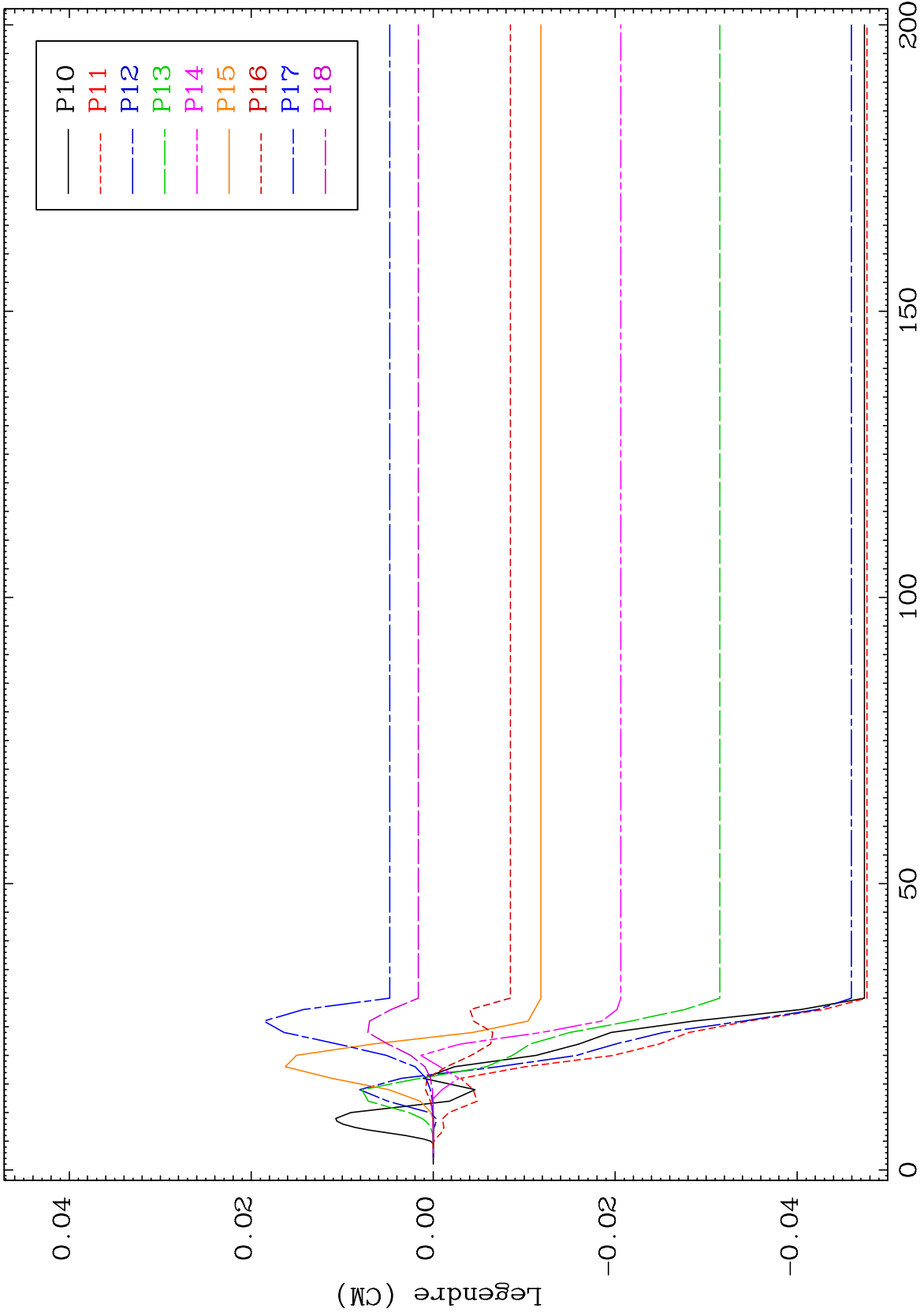
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



21

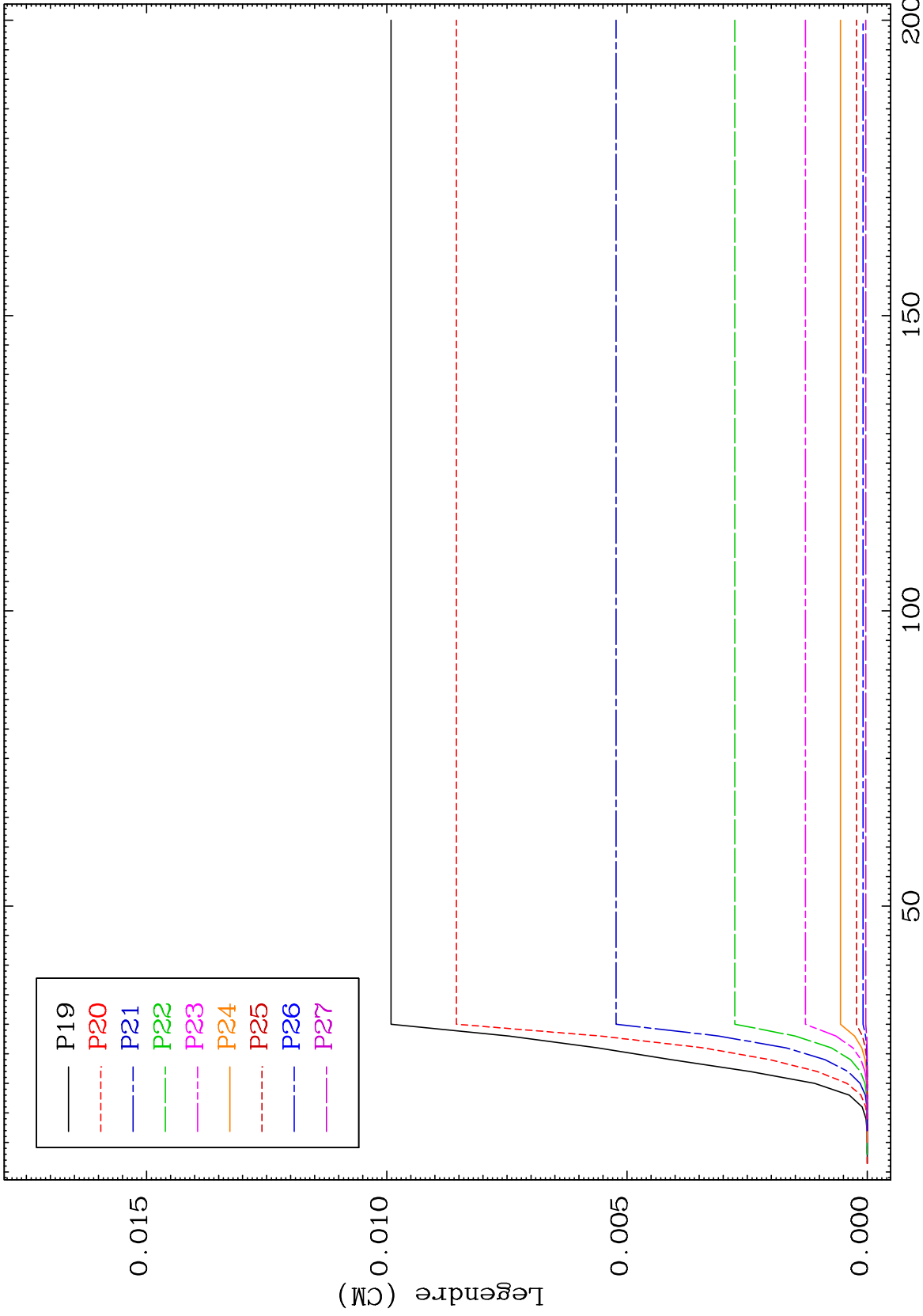
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



22

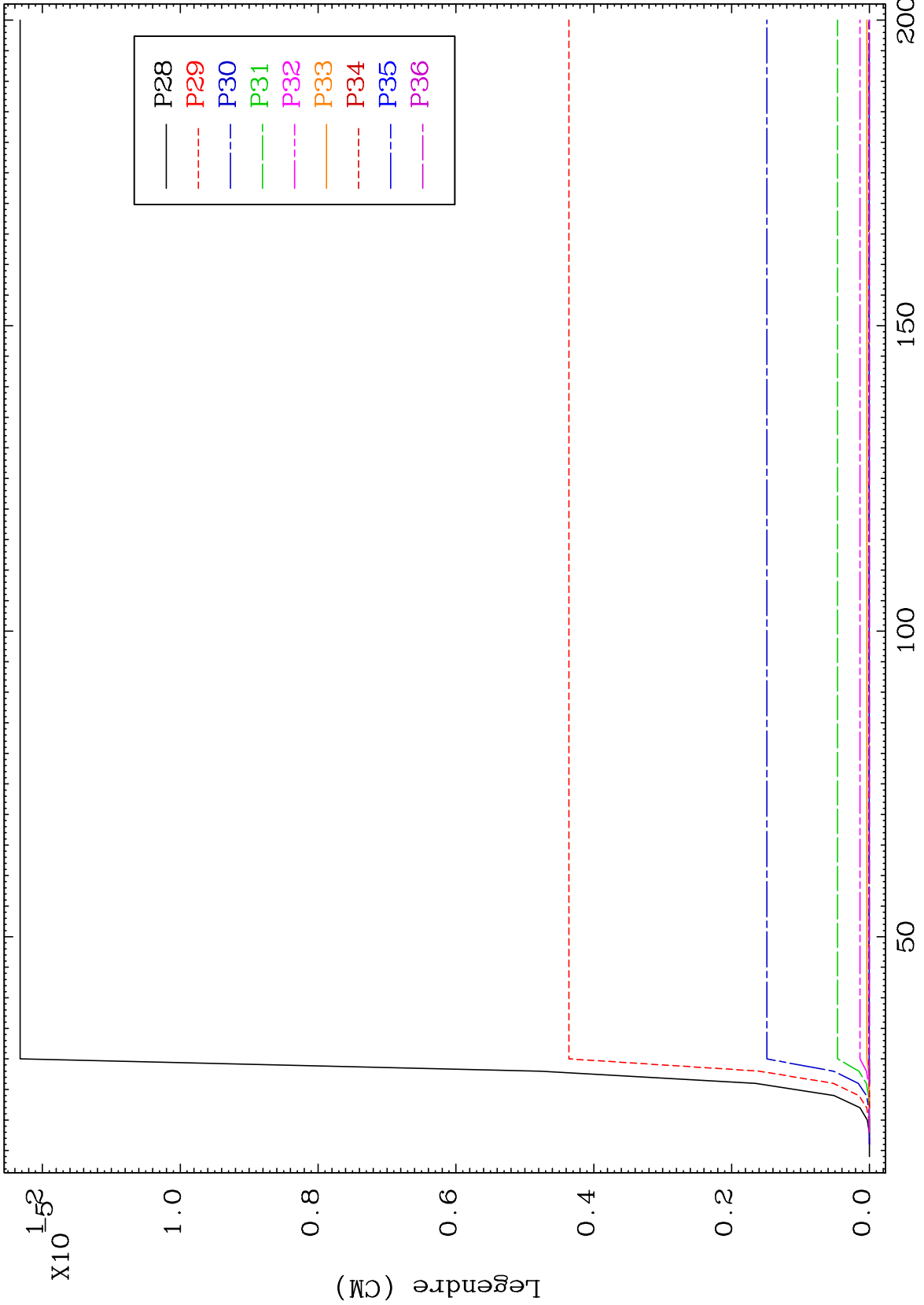
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



23

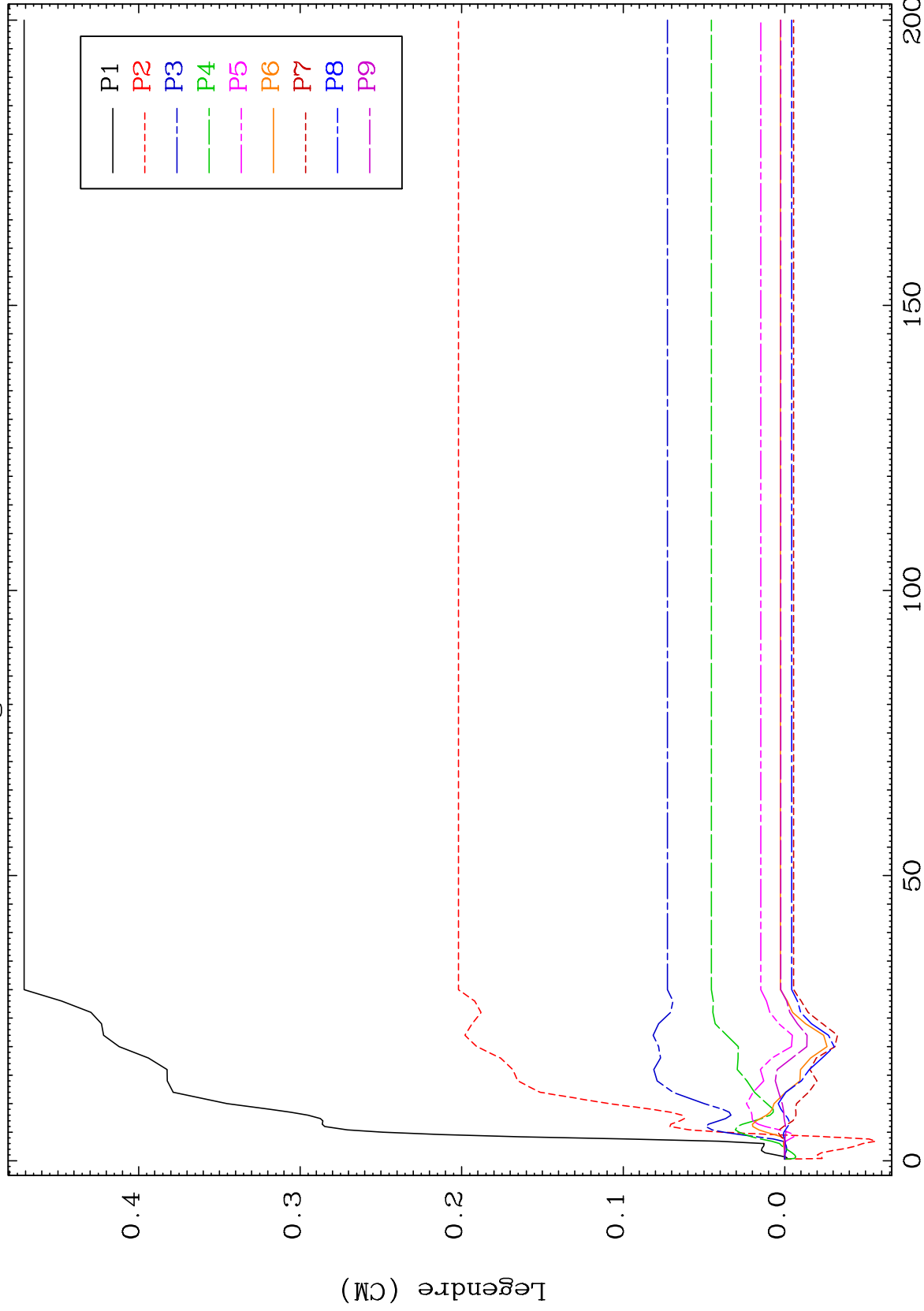
58-Ce-152



MAT 5873

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

58-Ce-152



24

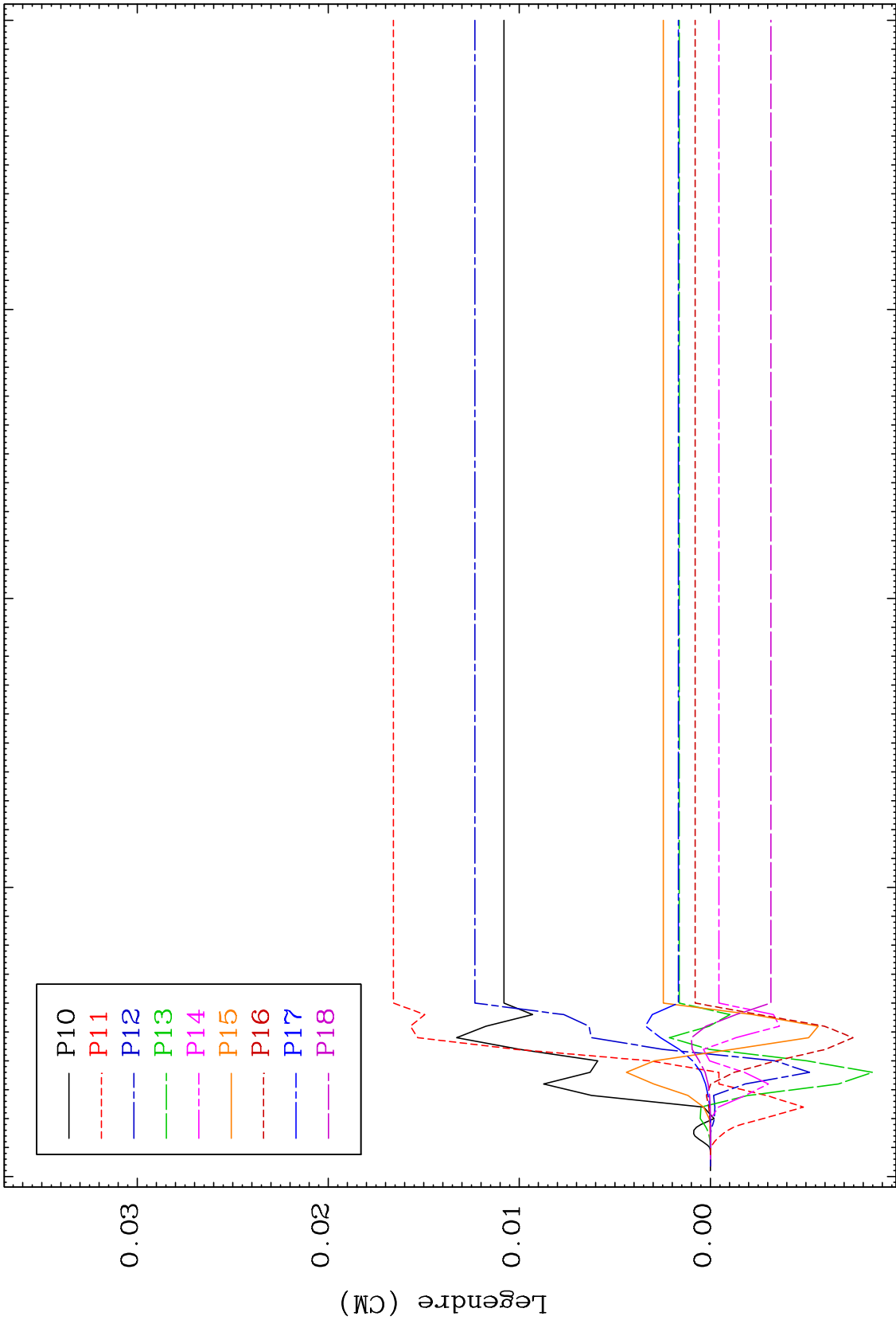
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



25

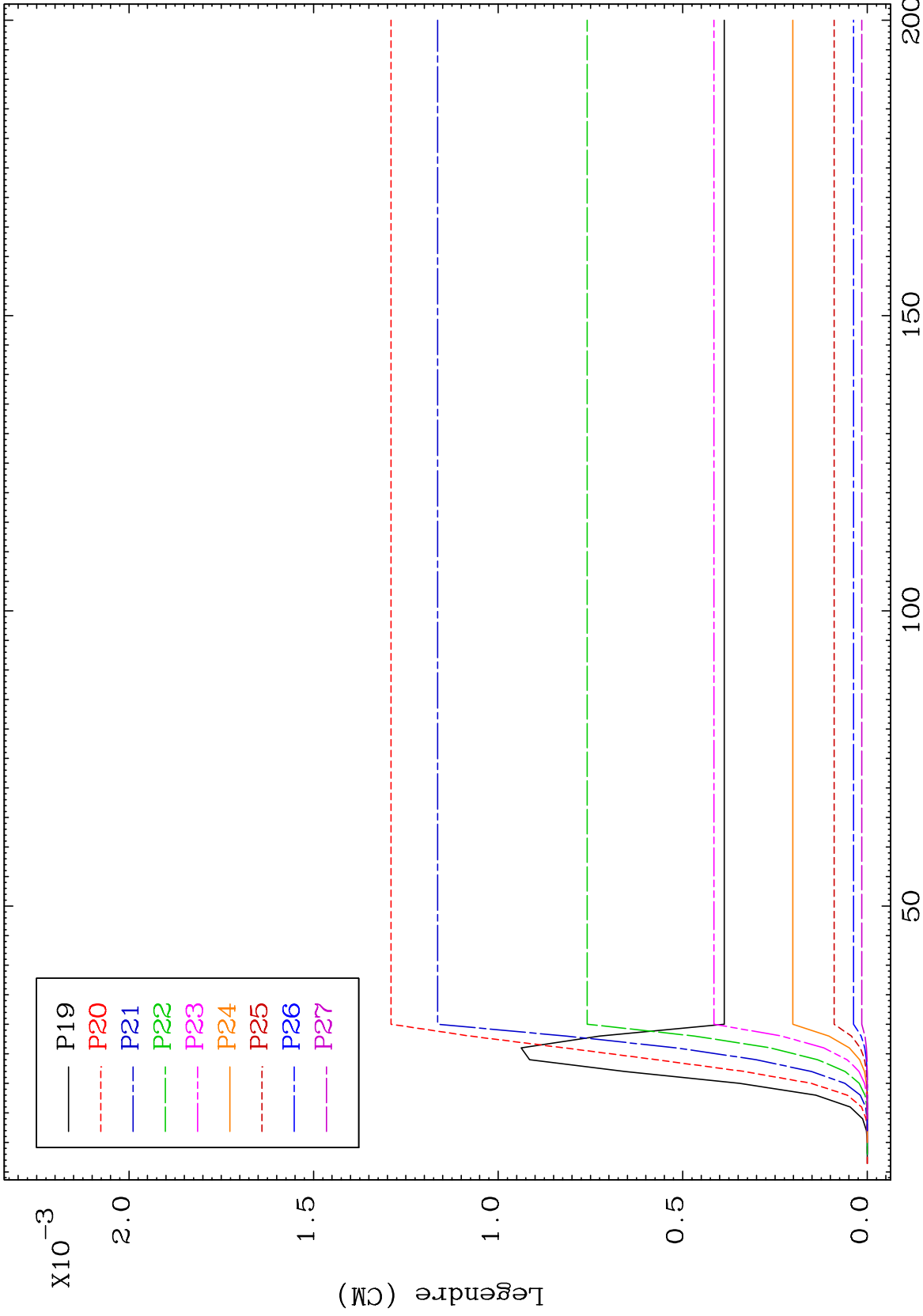
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



26

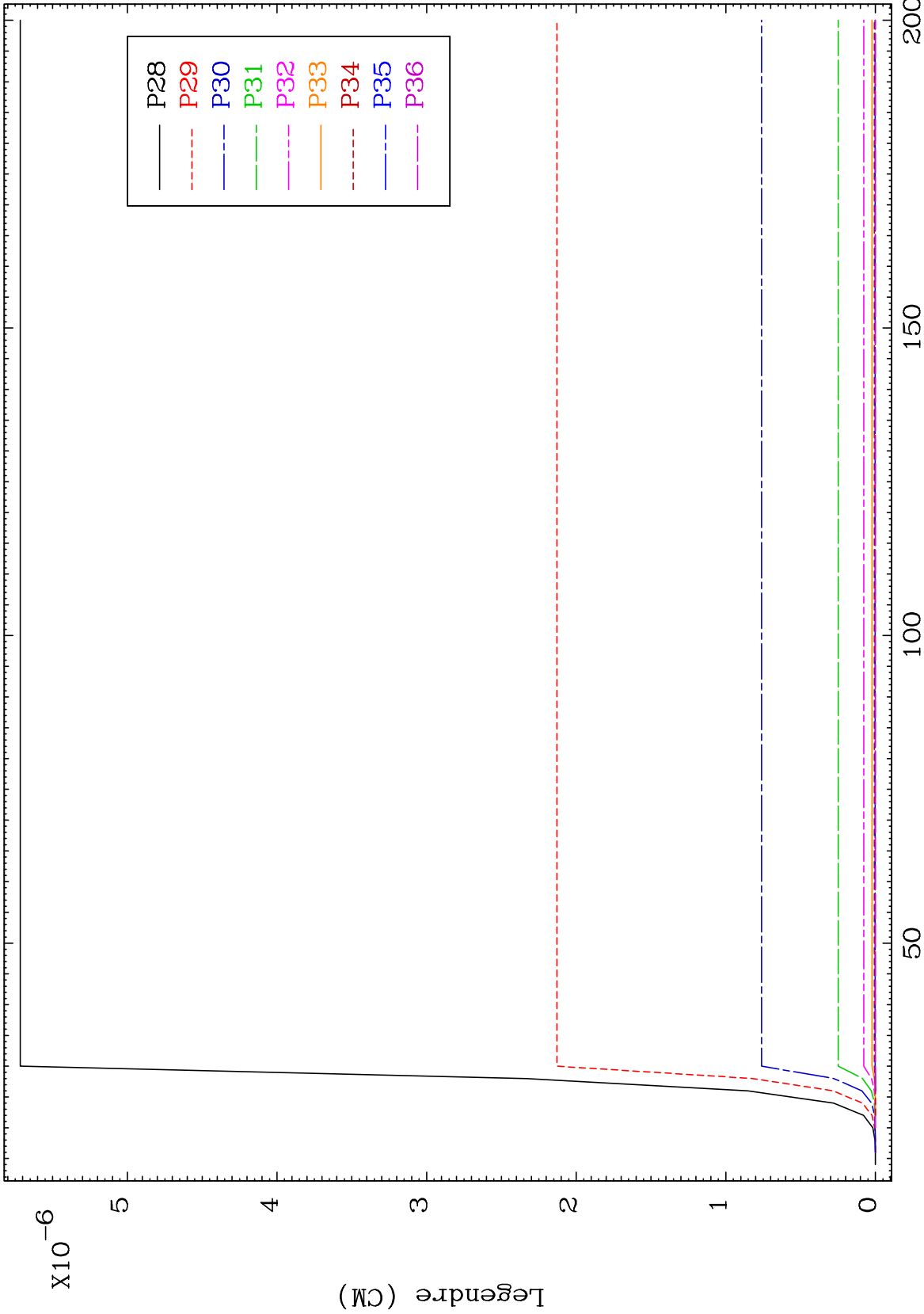
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



27

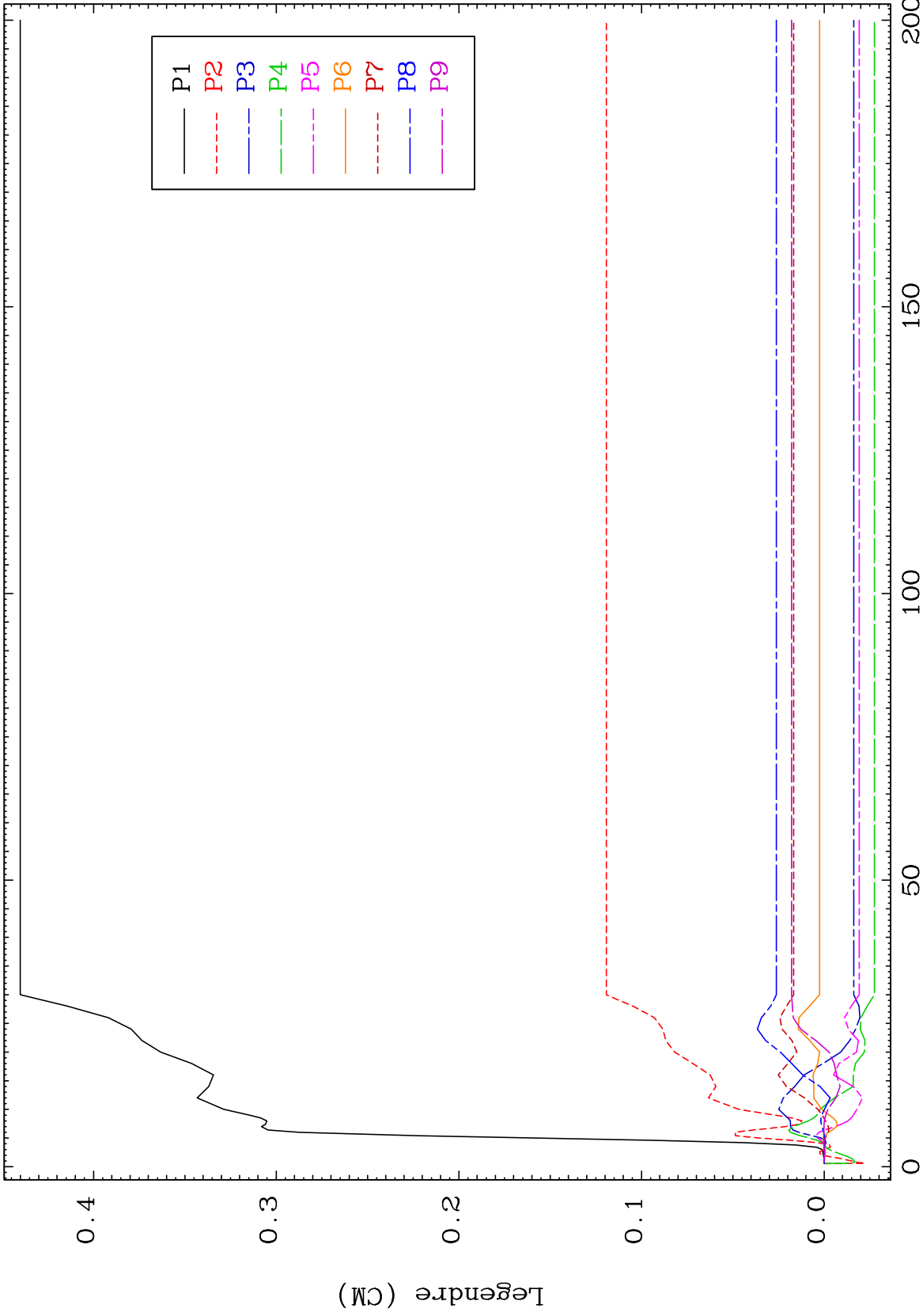
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



28

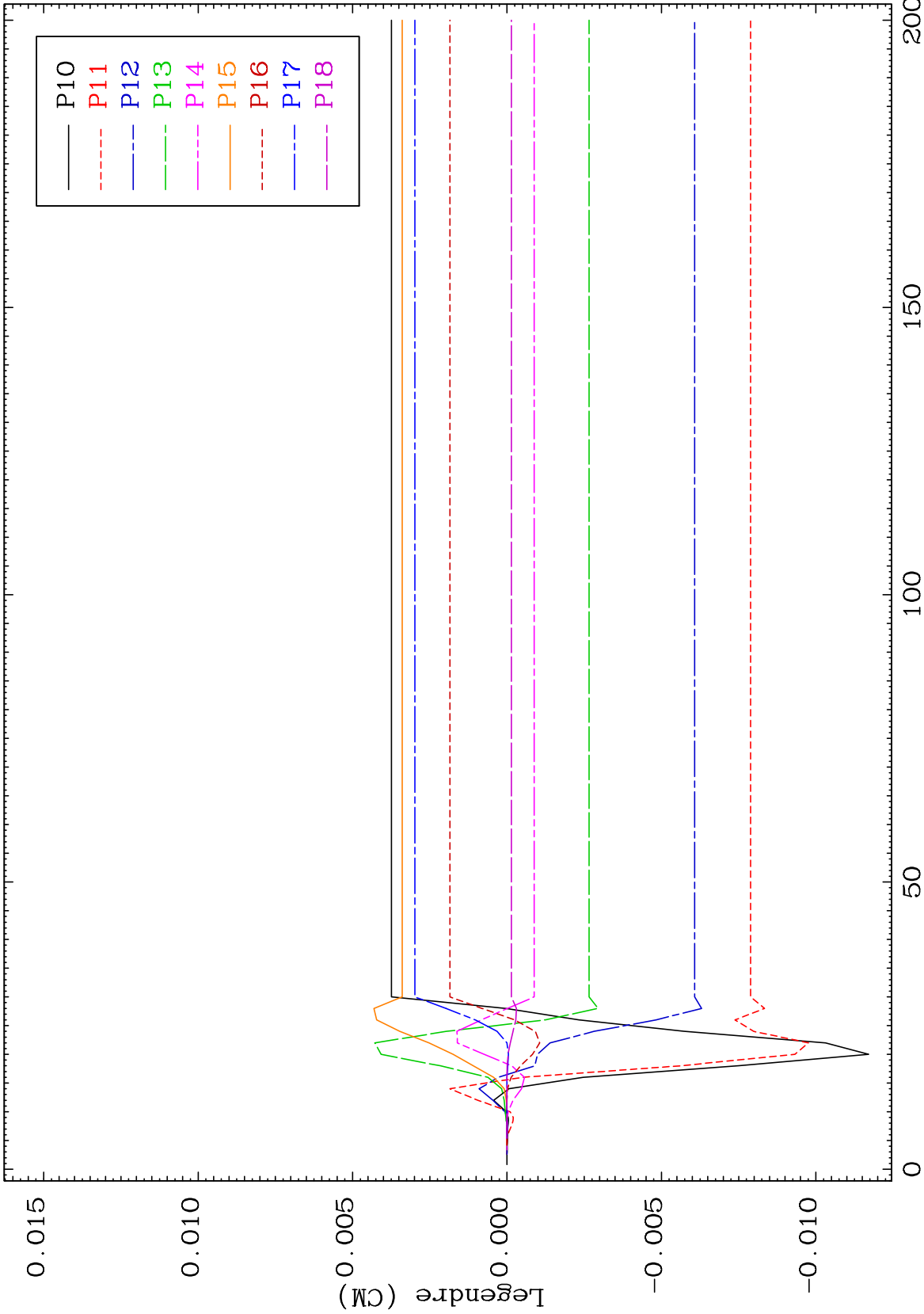
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152

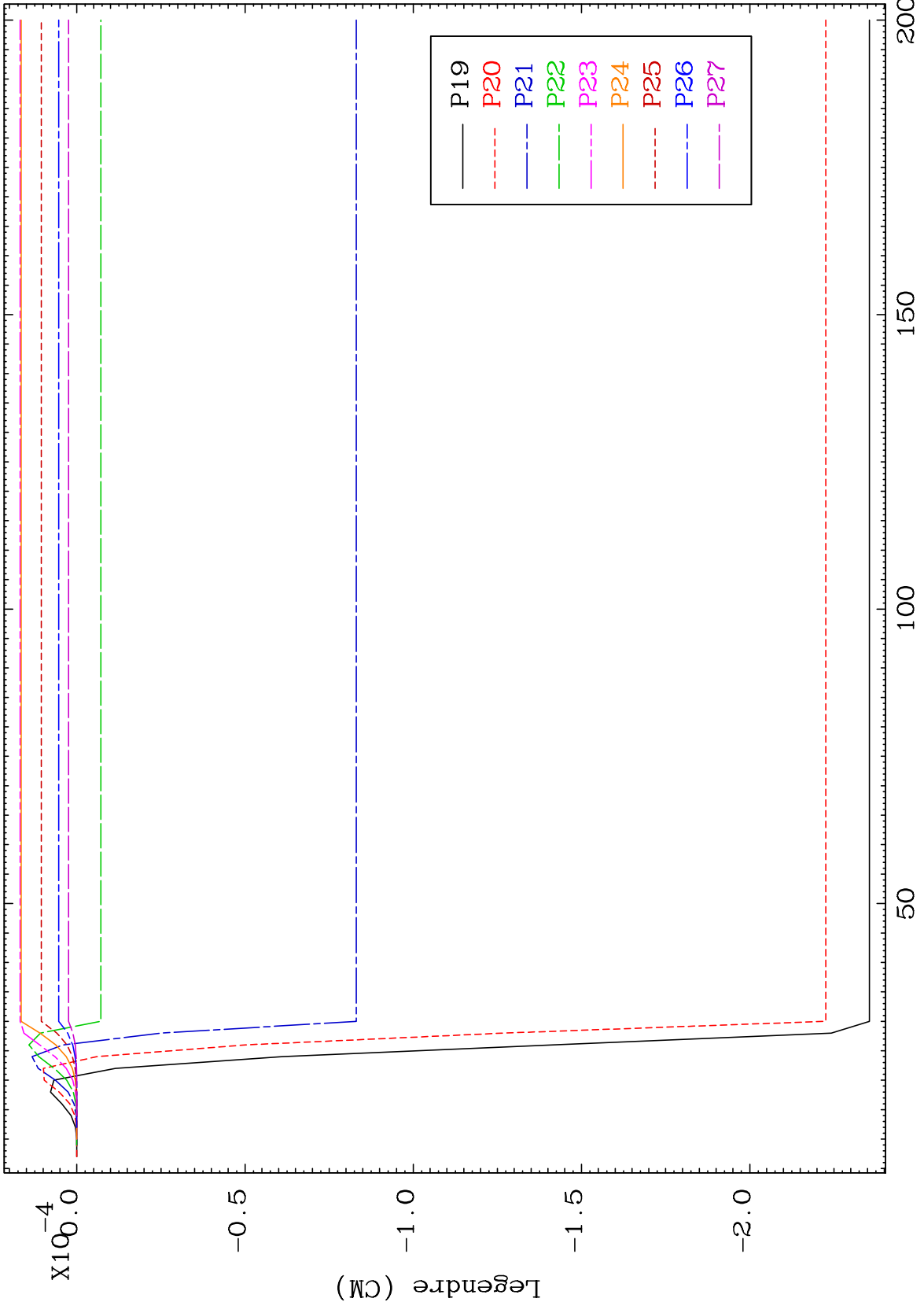


29

Incident Energy (MeV)

58-Ce-152

MAT 5873 MT= 53 (n,n') Level Legendre Coefficients 58-Ce-152

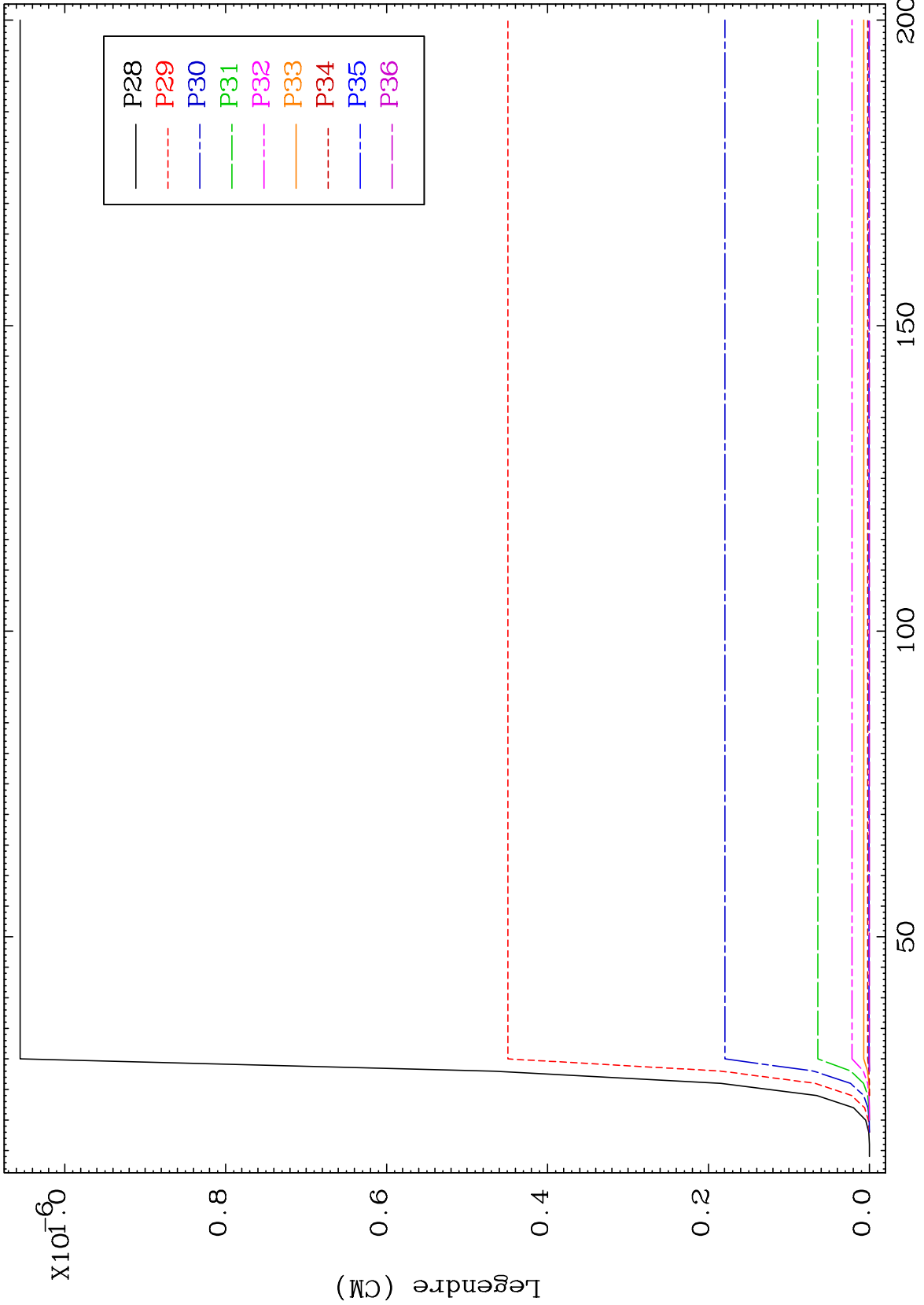


30 Incident Energy (MeV) 58-Ce-152

MAT 5873

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

58-Ce-152

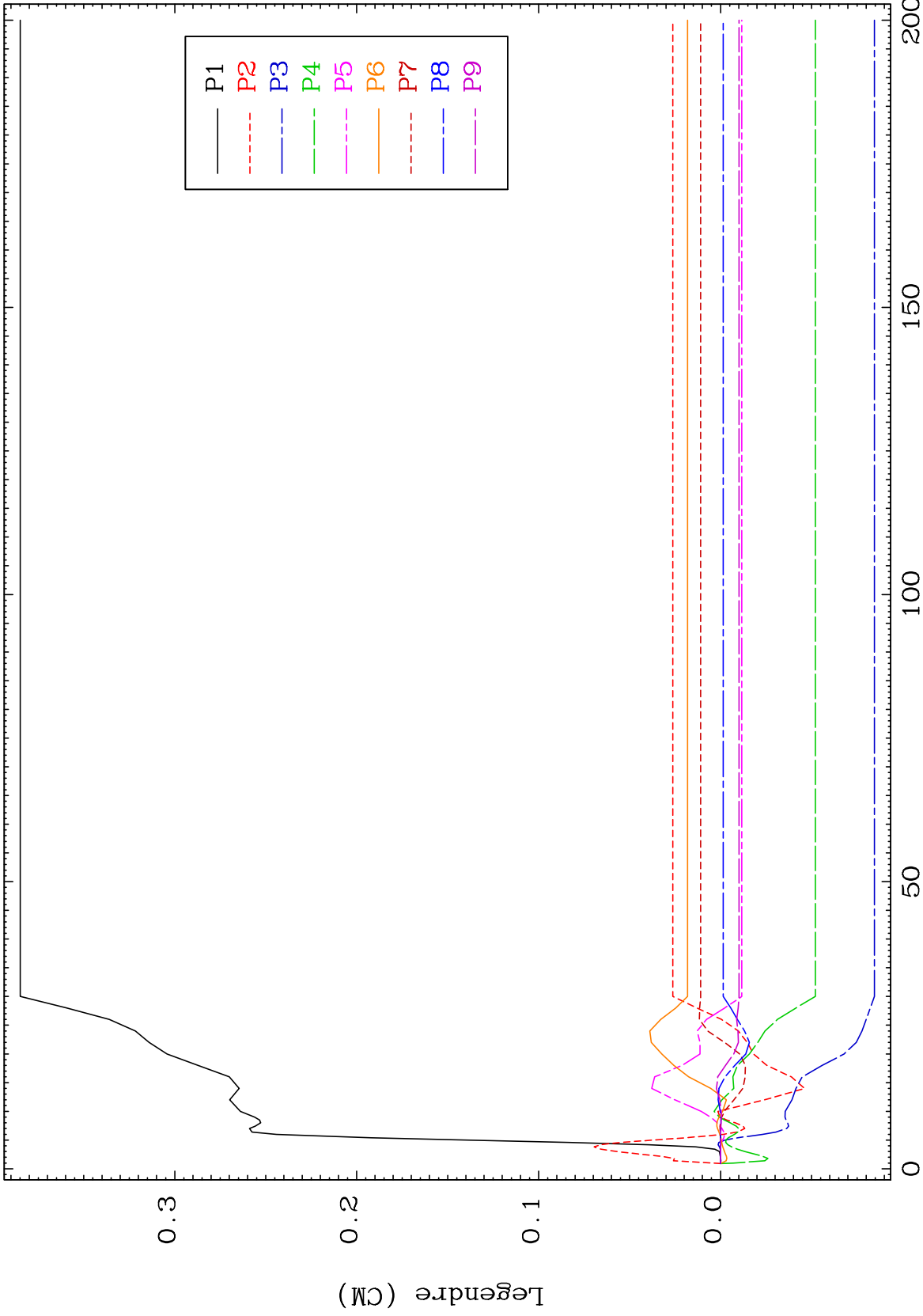




MAT 5873

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

58-Ce-152



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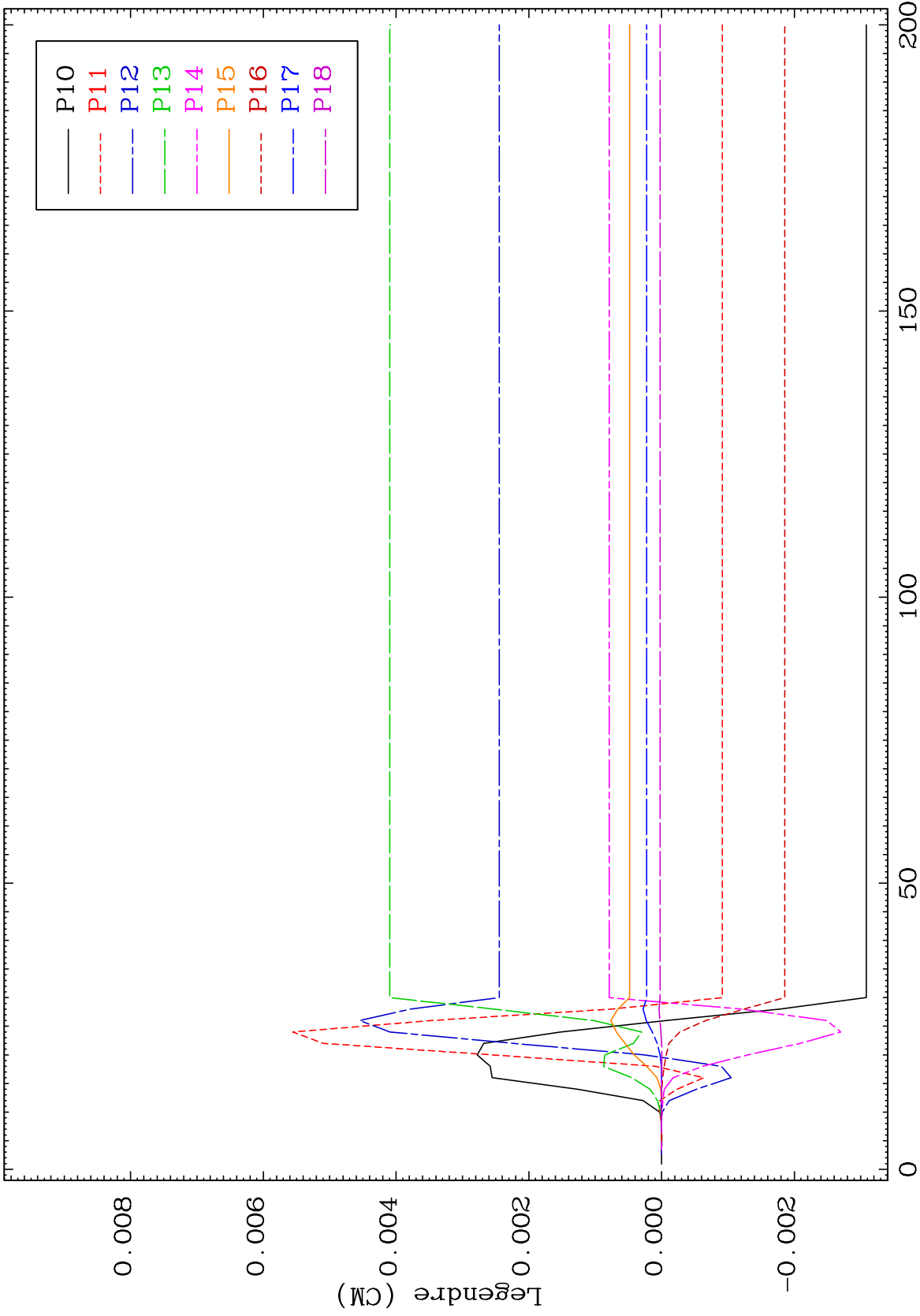
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



33

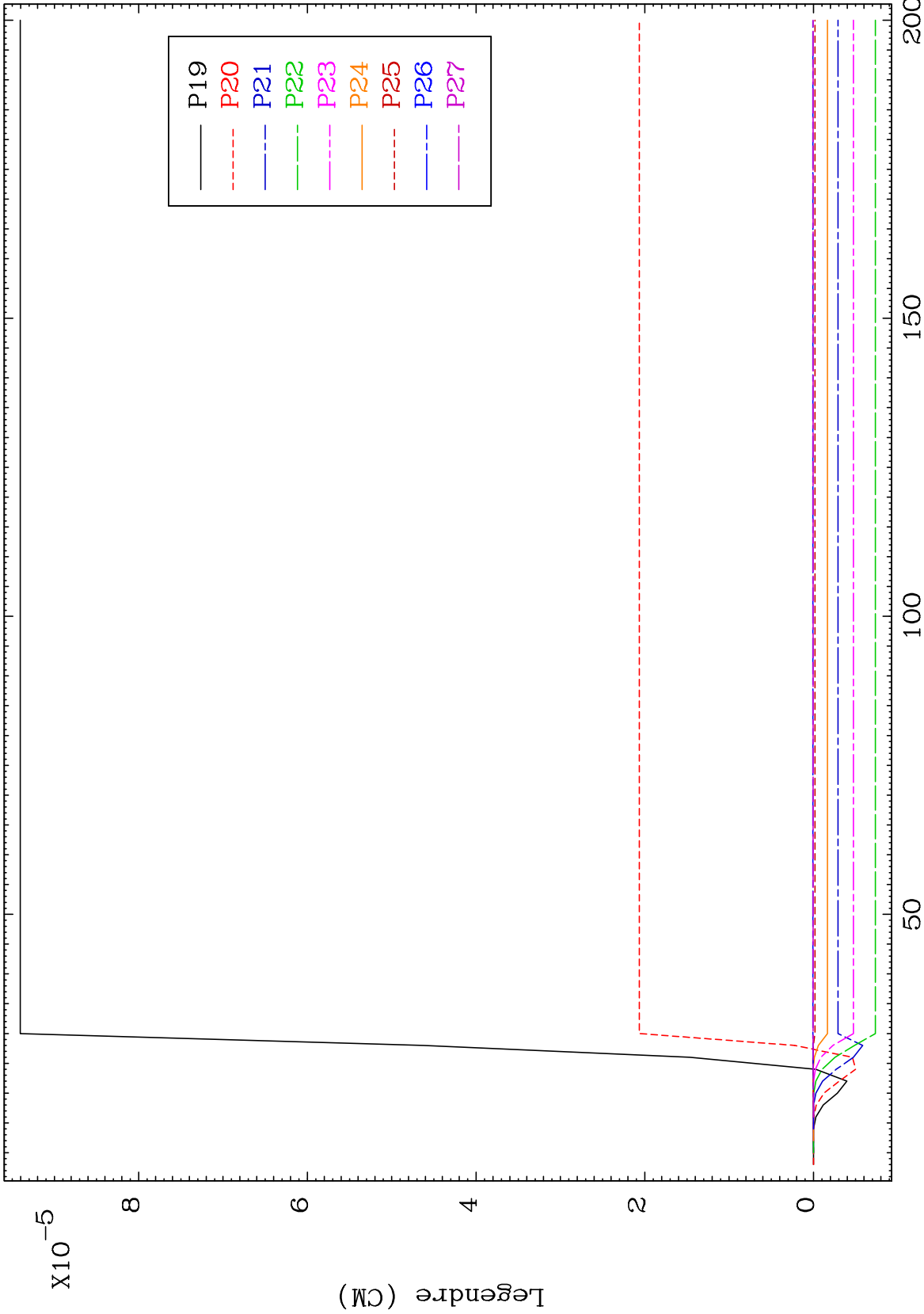
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



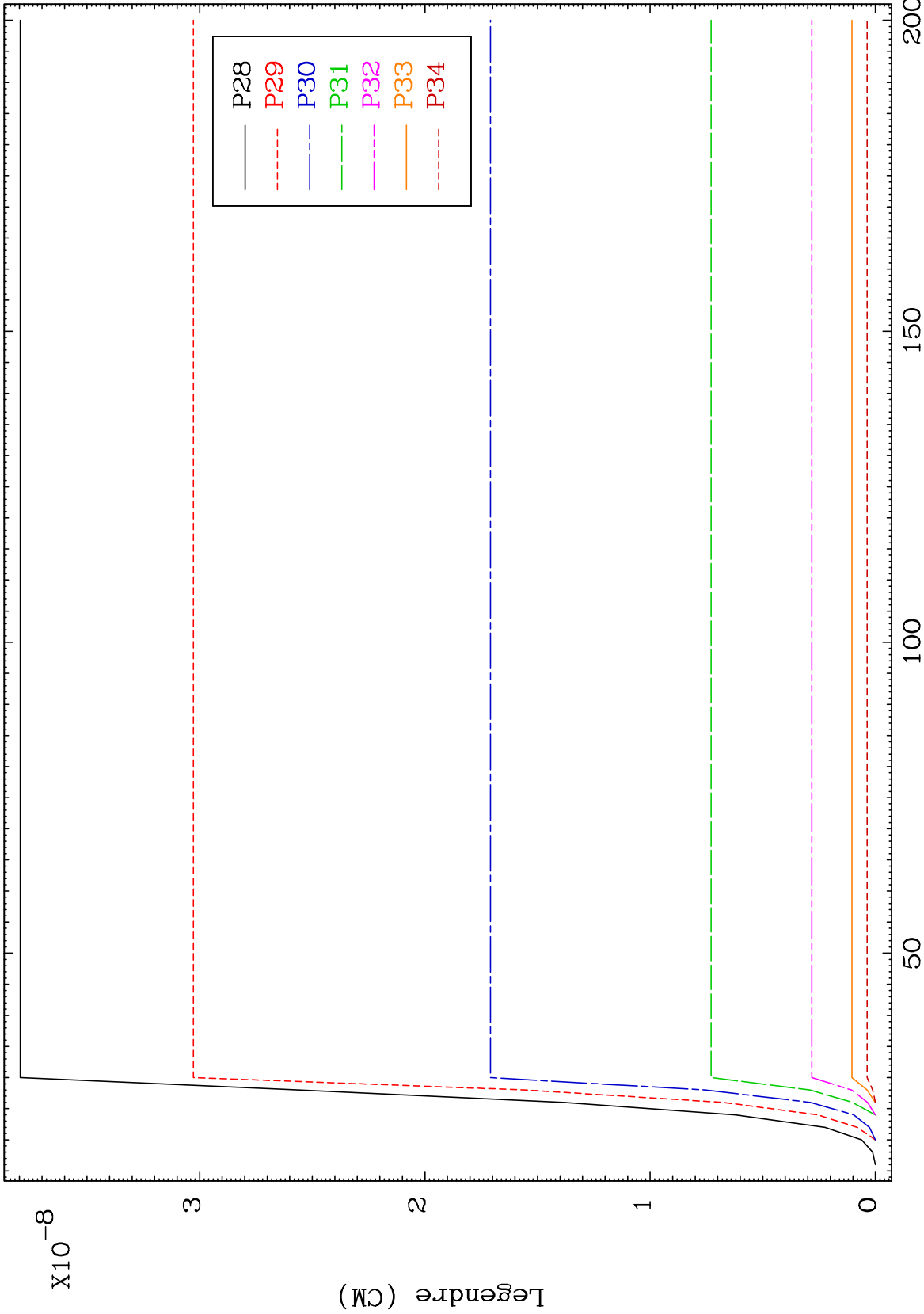
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58-Ce-152

MAT 5873

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

58-Ce-152



35

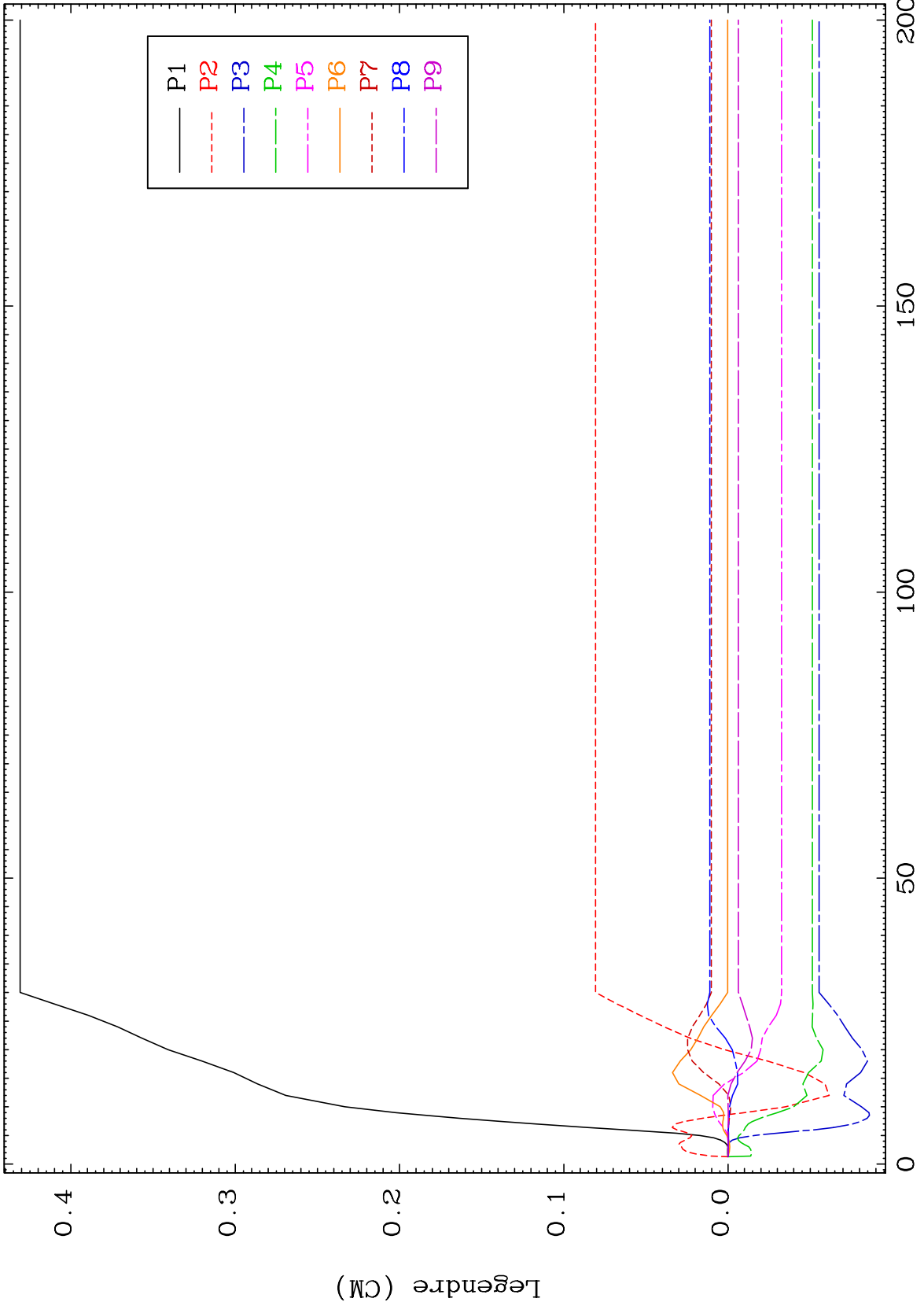
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



36

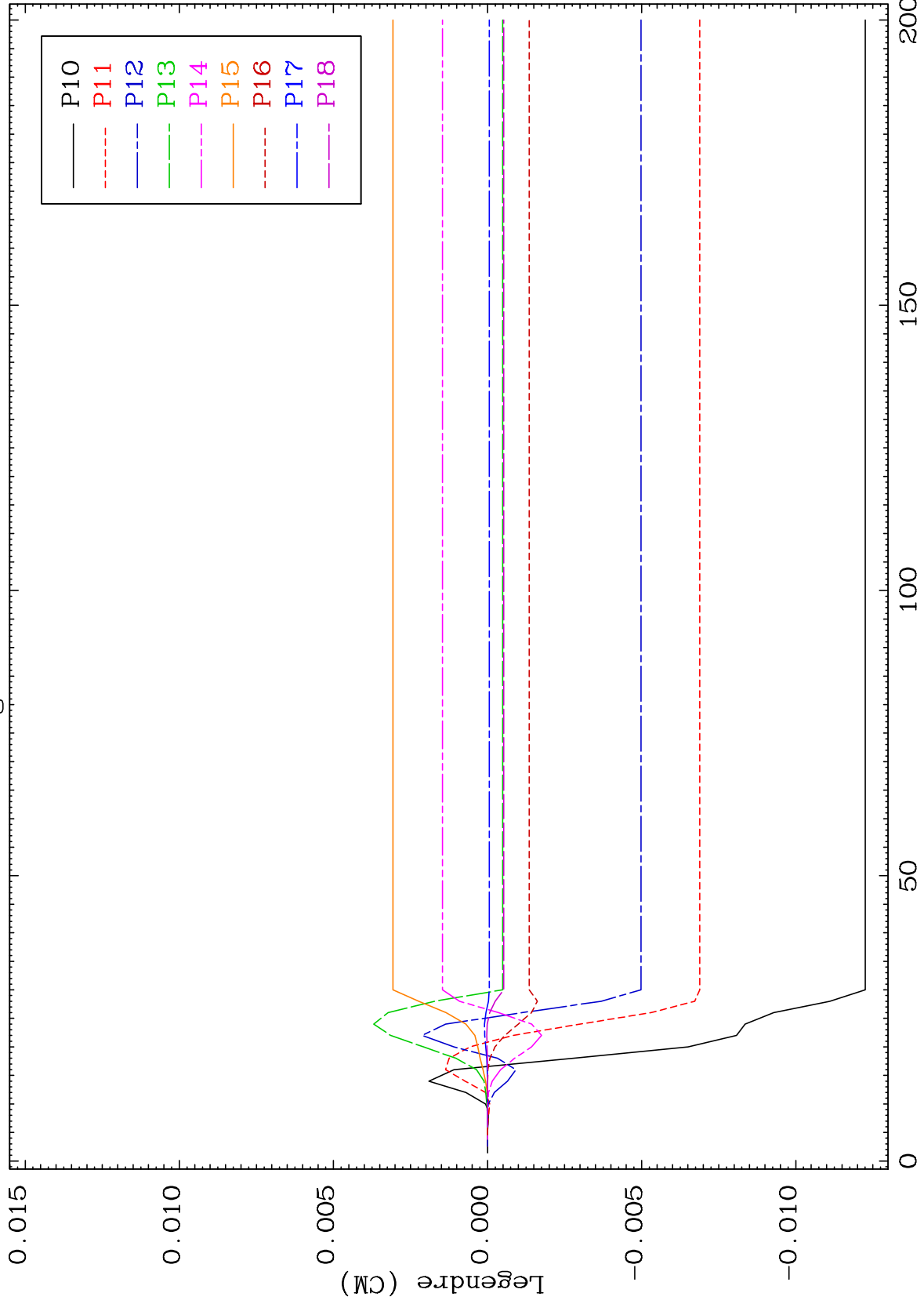
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



37

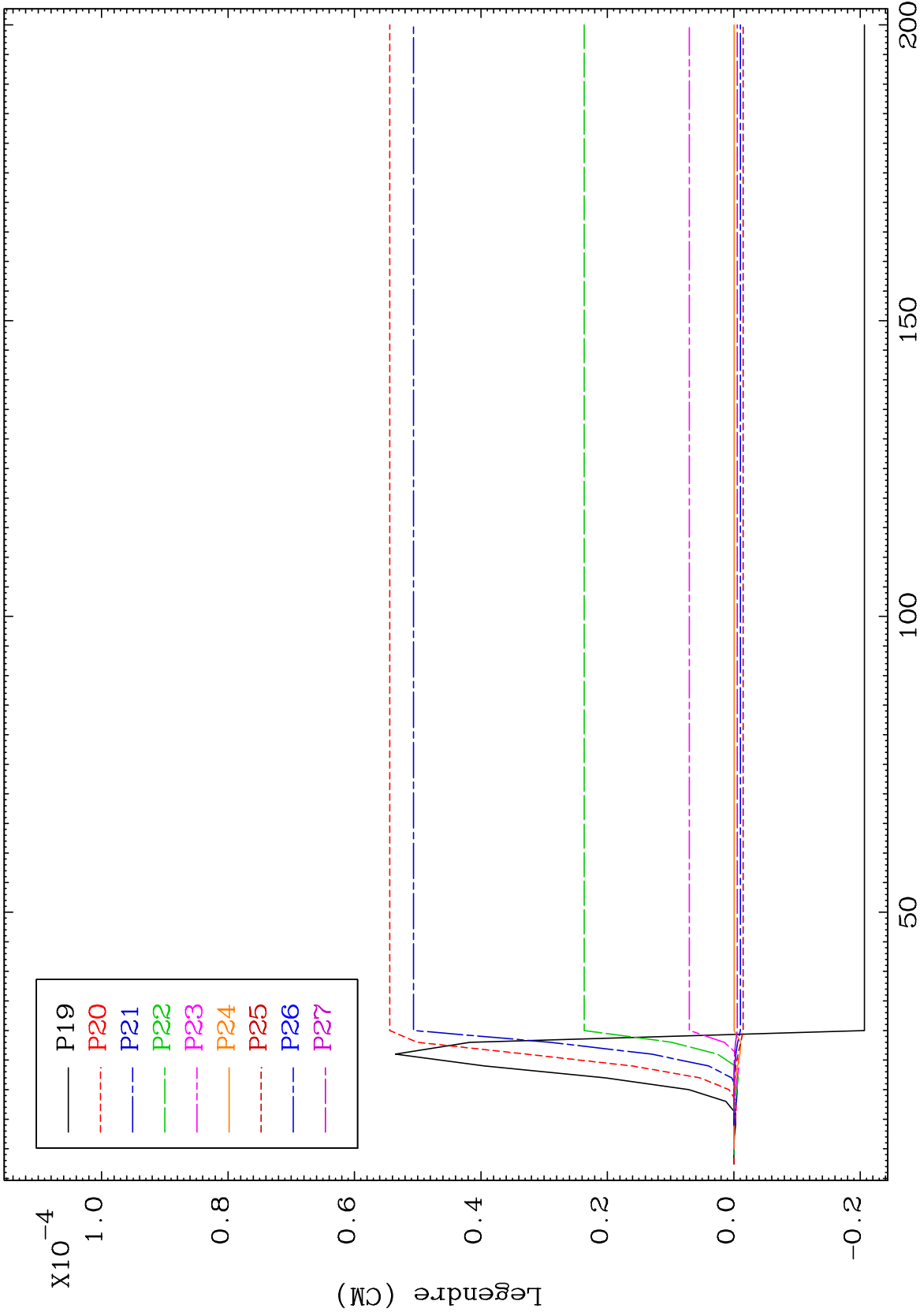
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



38

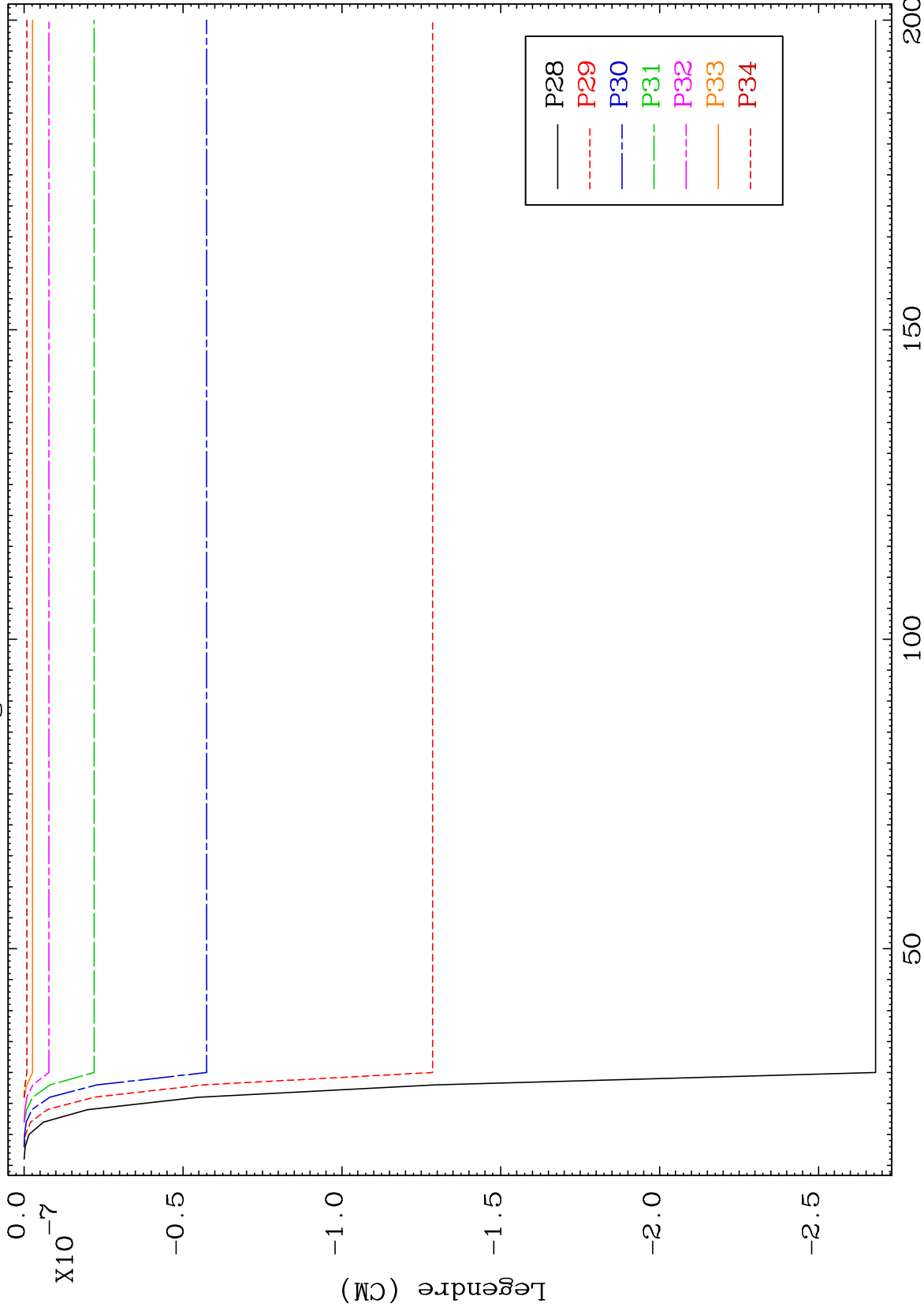
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



39

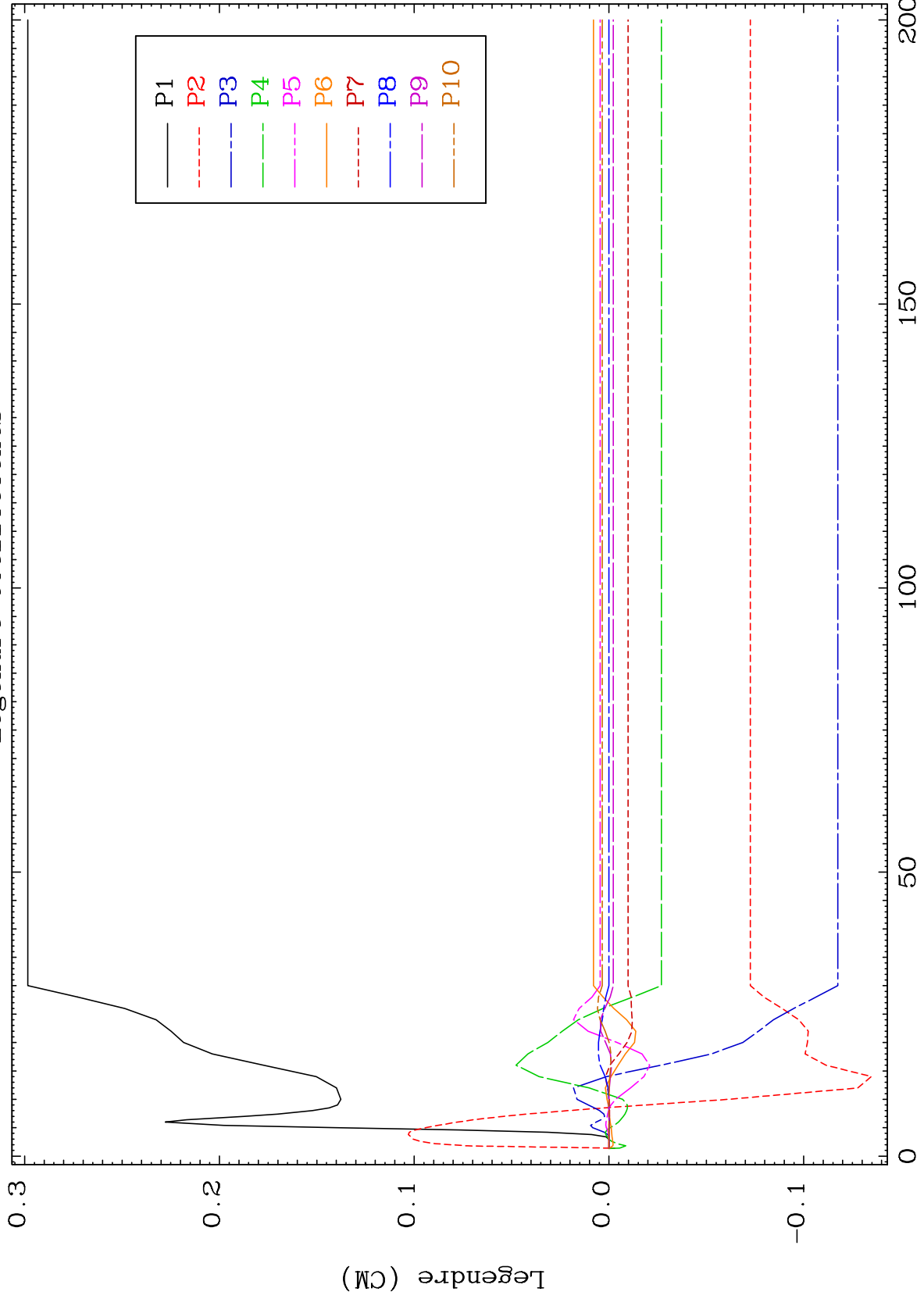
58-Ce-152



MAT 5873

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

58-Ce-152



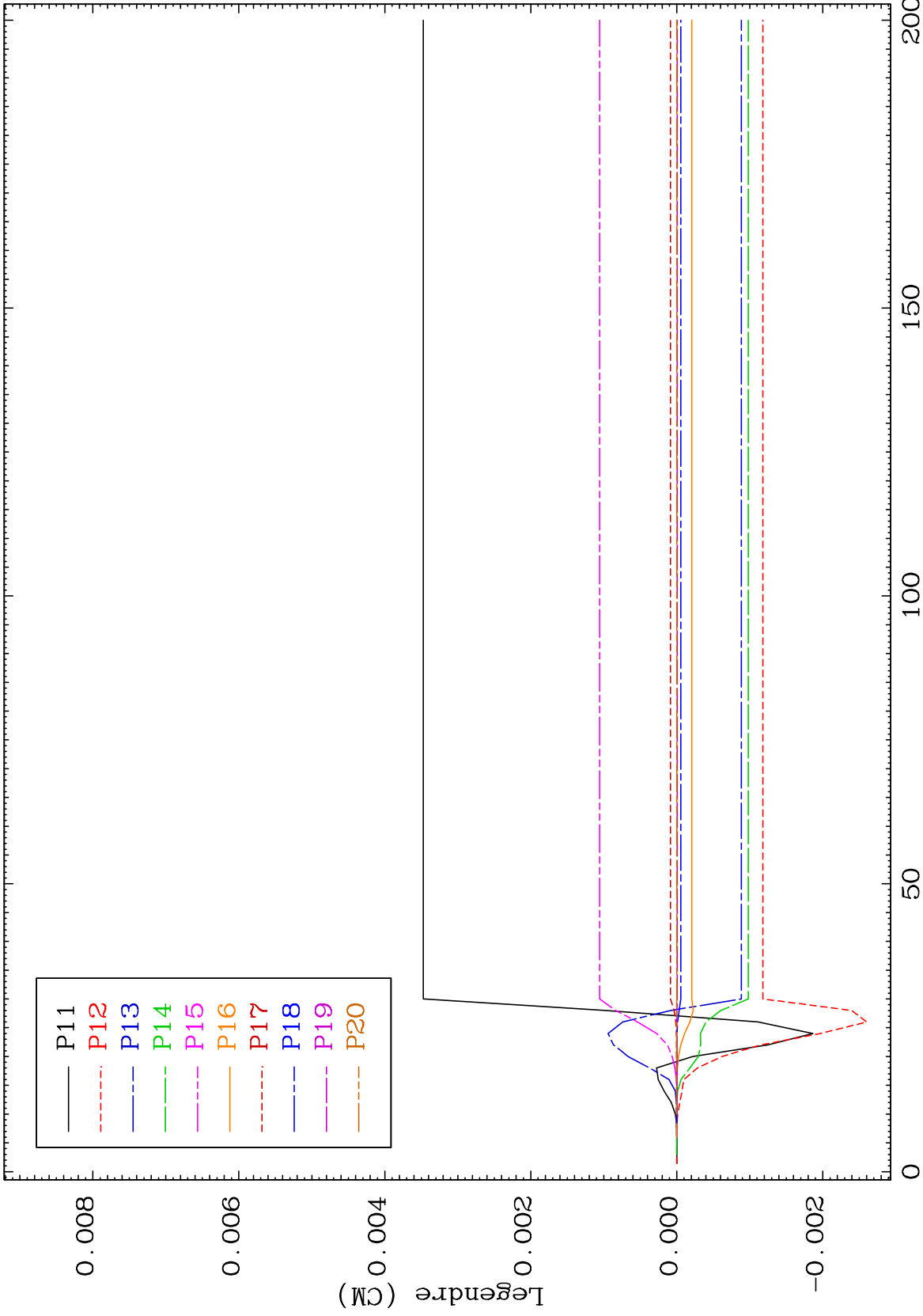
58-Ce-152

Incident Energy (MeV)

MAT 5873

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

58-Ce-152



41

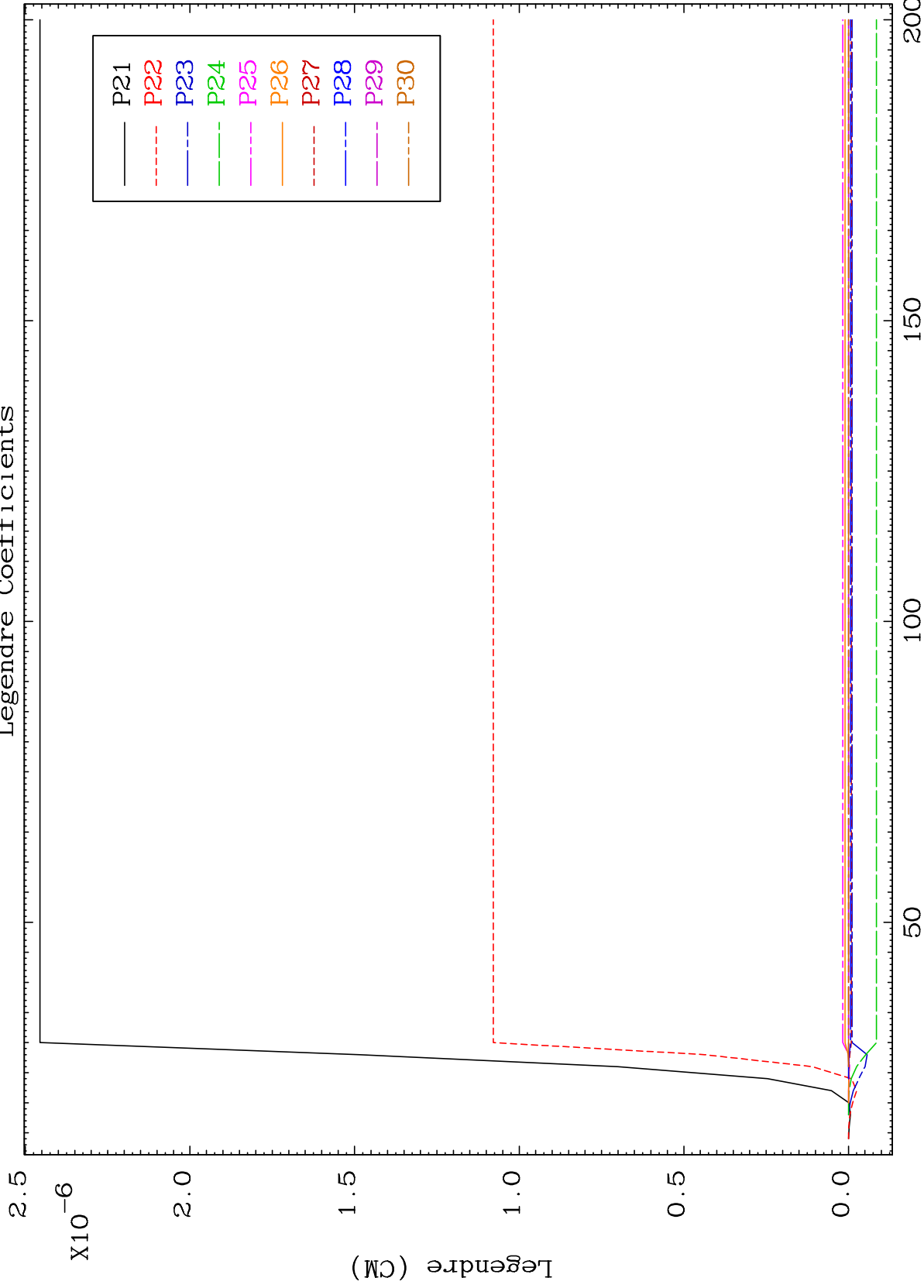
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



42

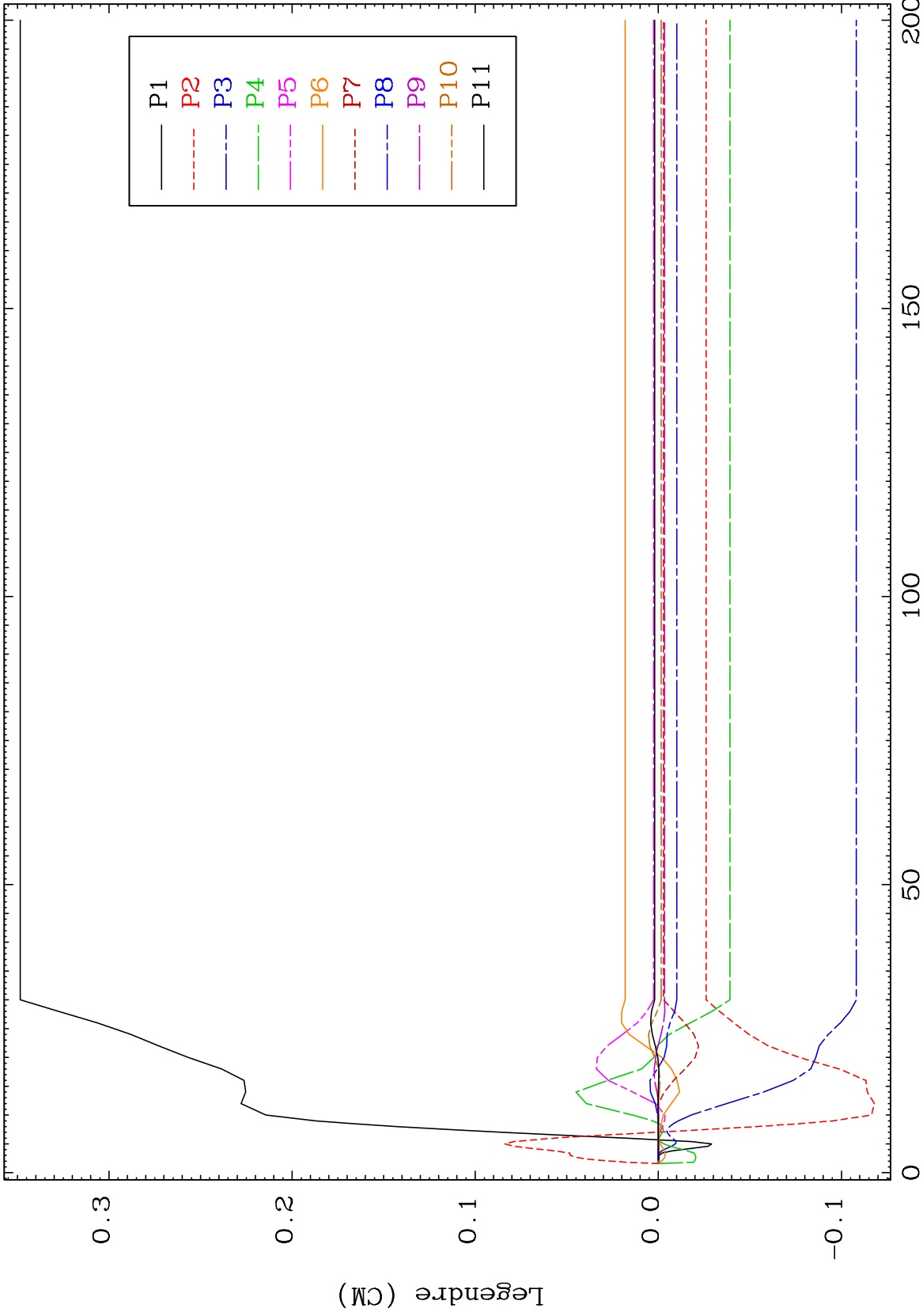
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



43

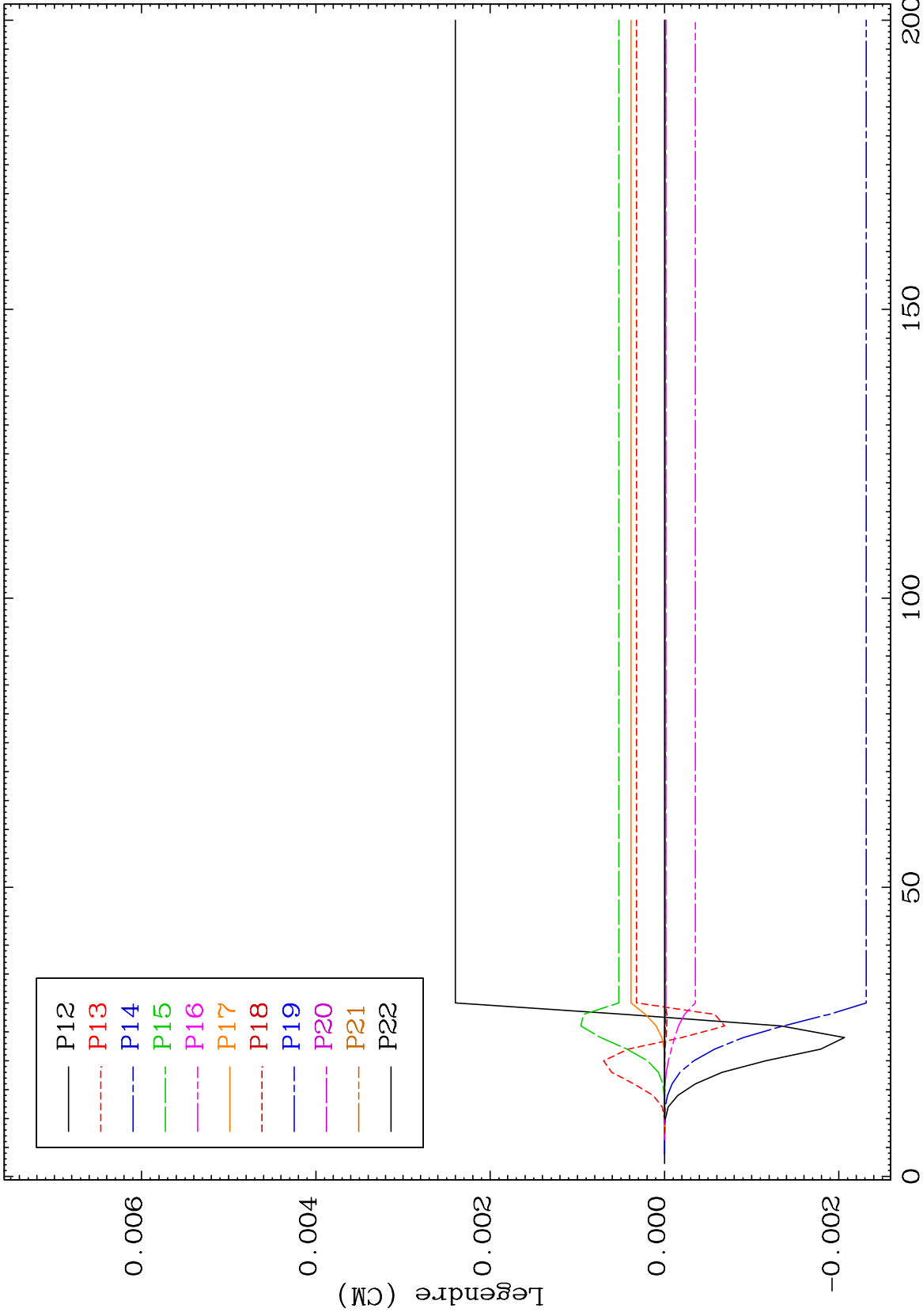
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



44

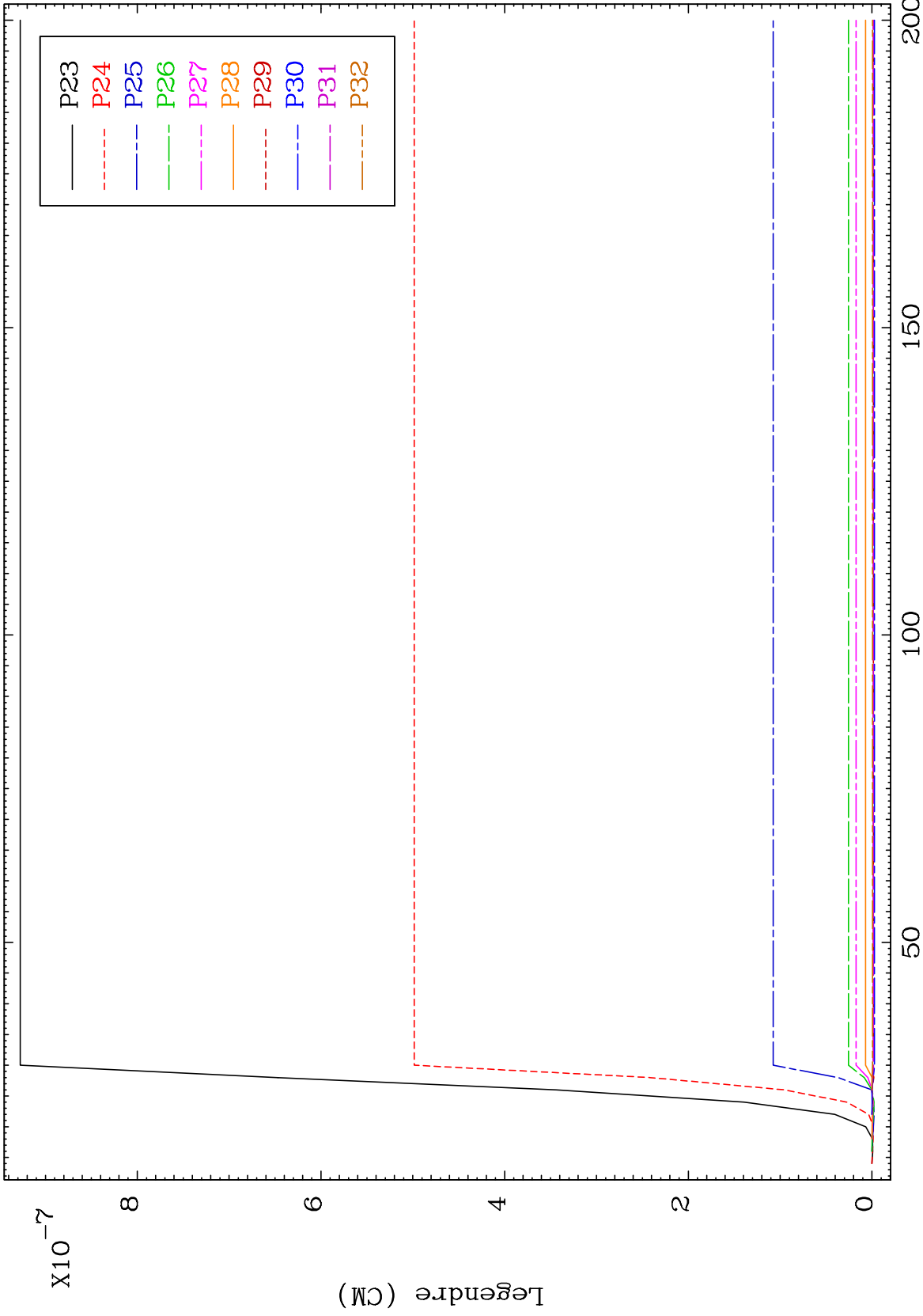
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



45

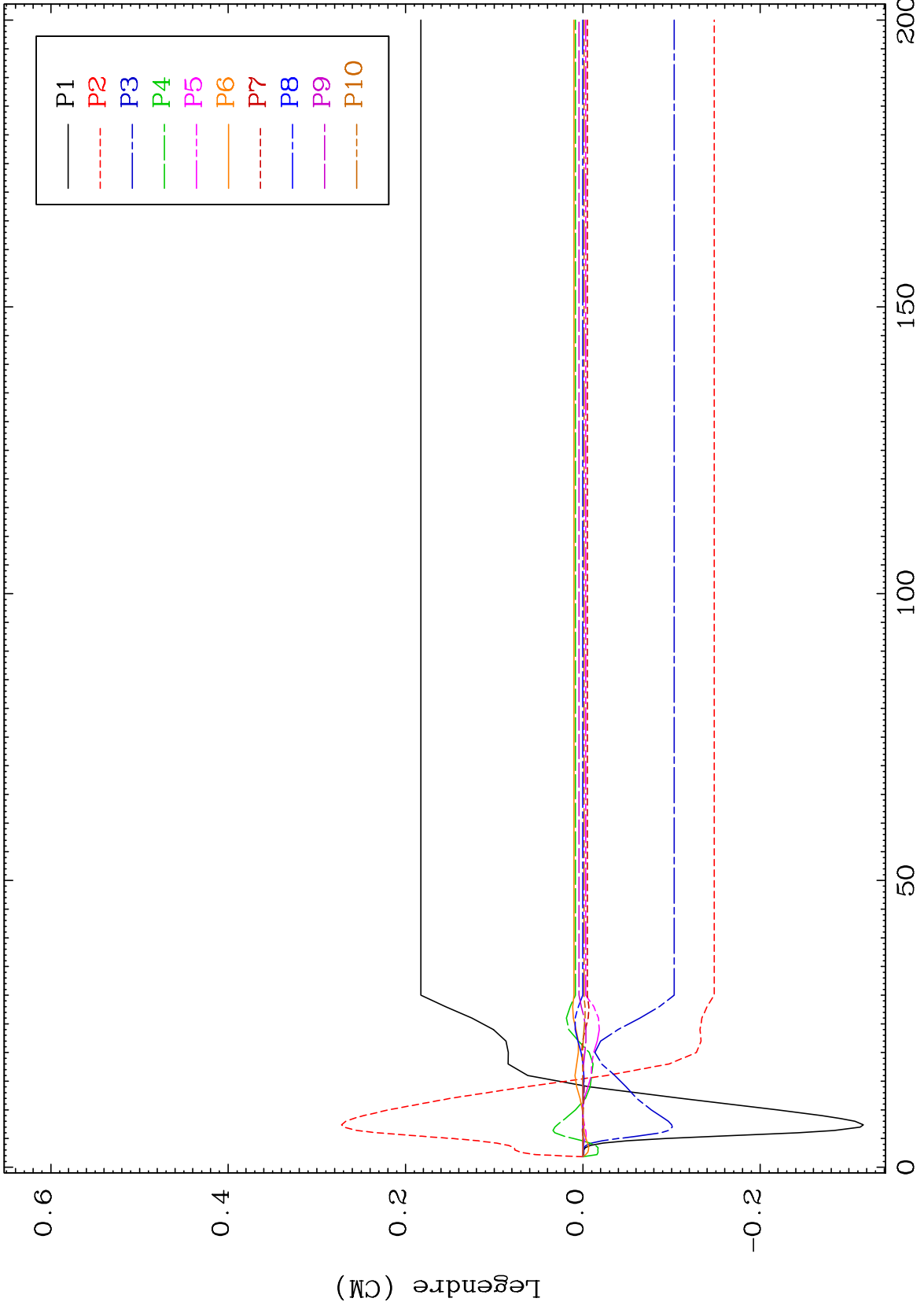
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



46

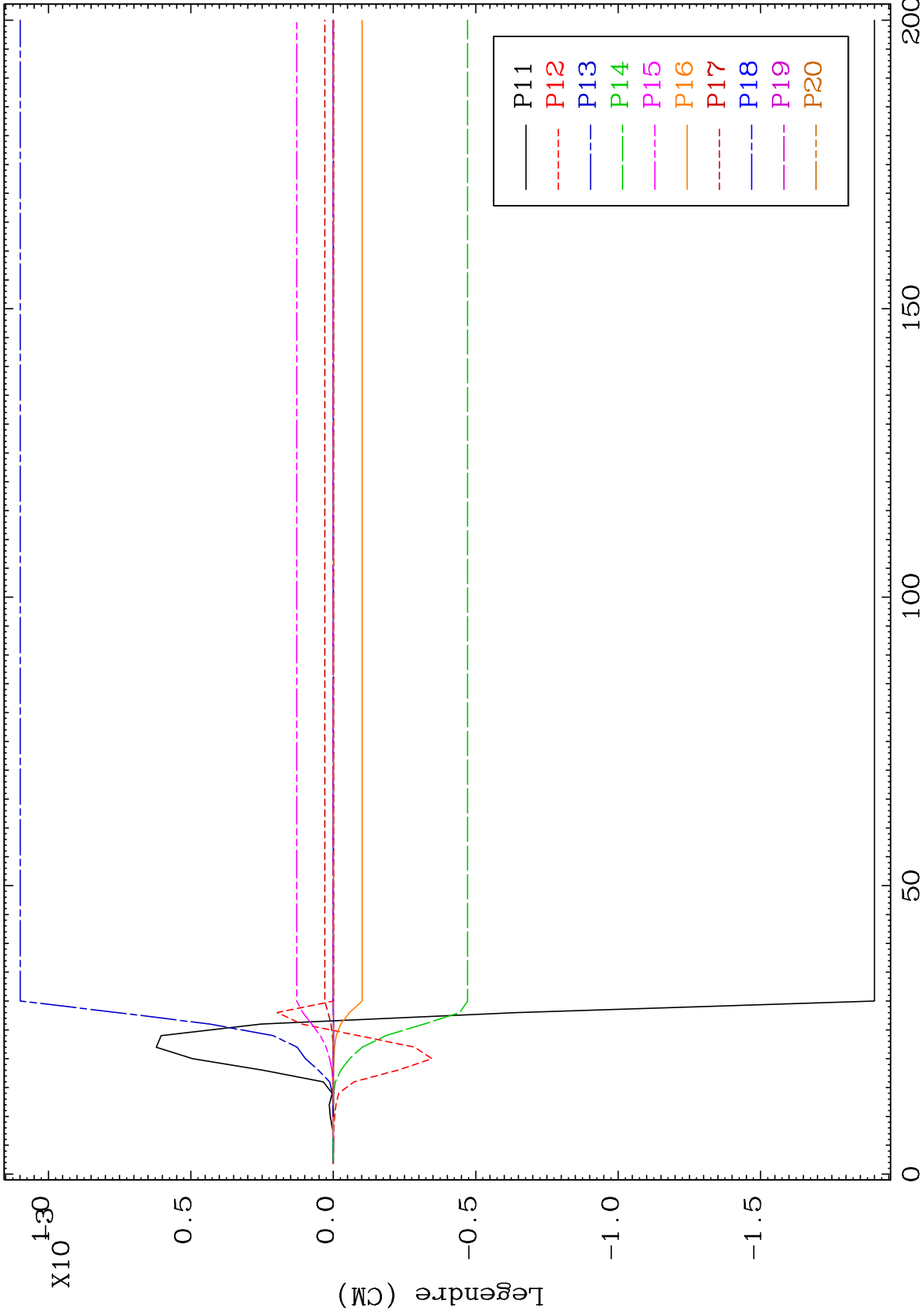
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



47

Incident Energy (MeV)

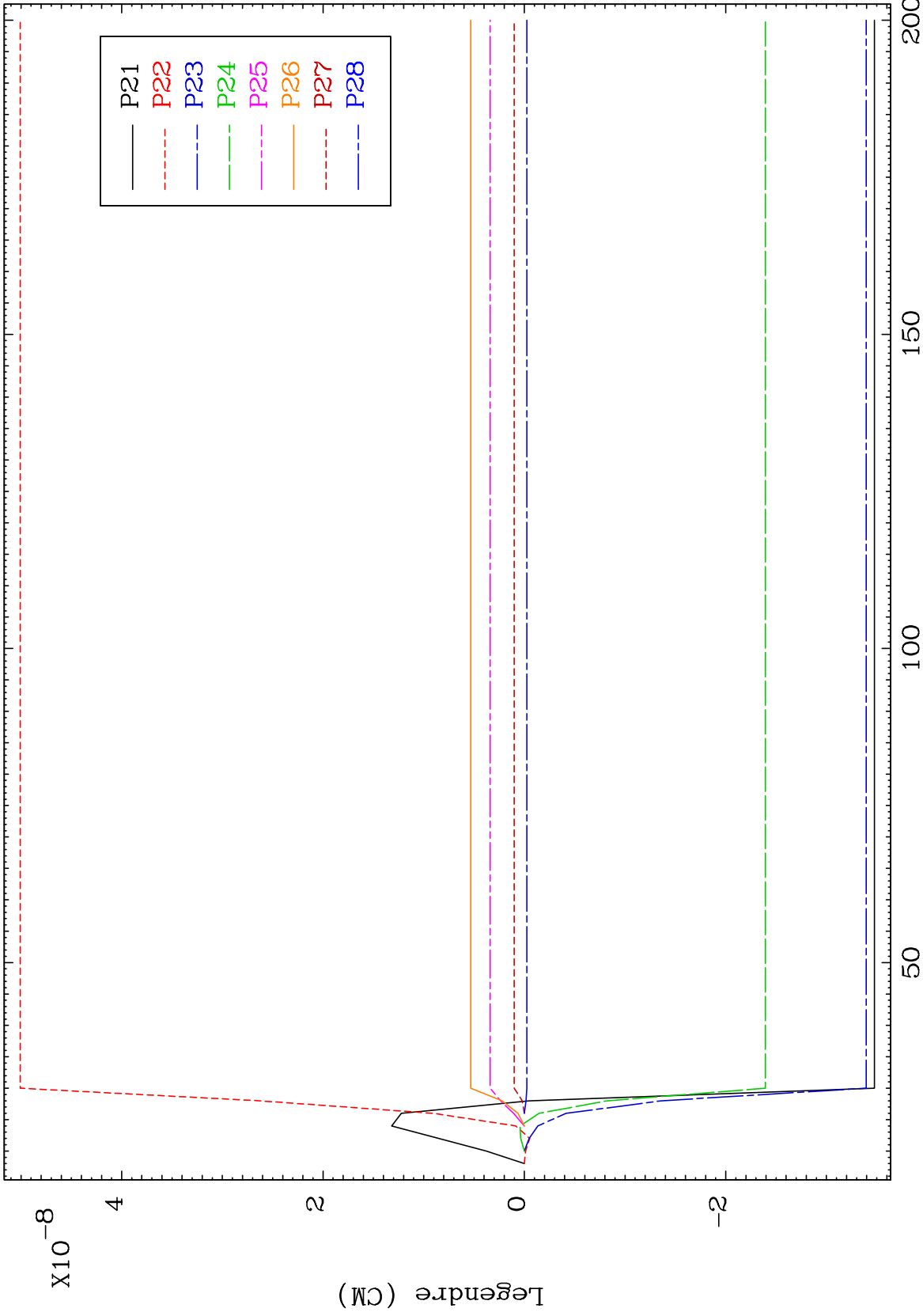
58-Ce-152



MAT 5873

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

58-Ce-152



48

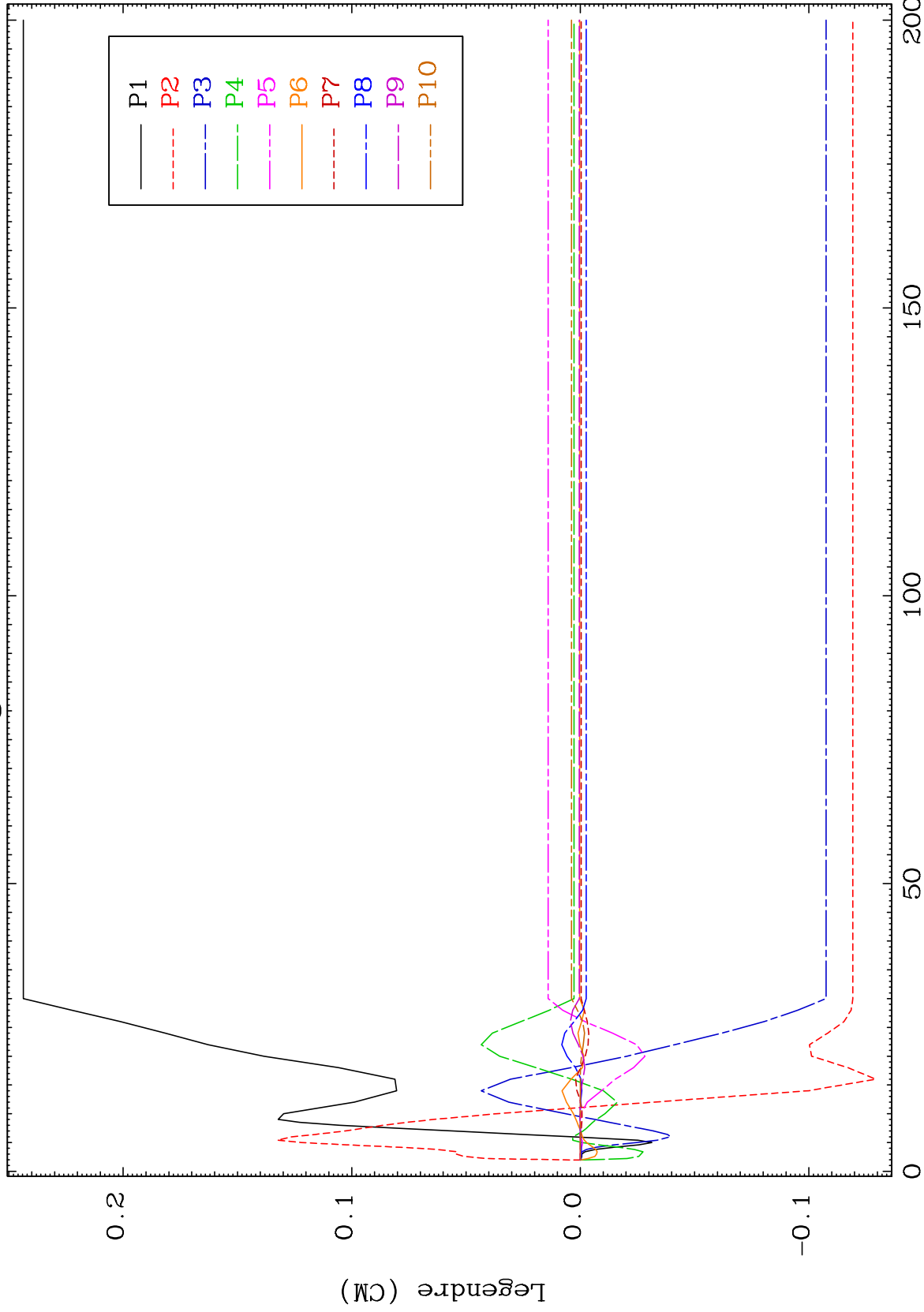
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



49

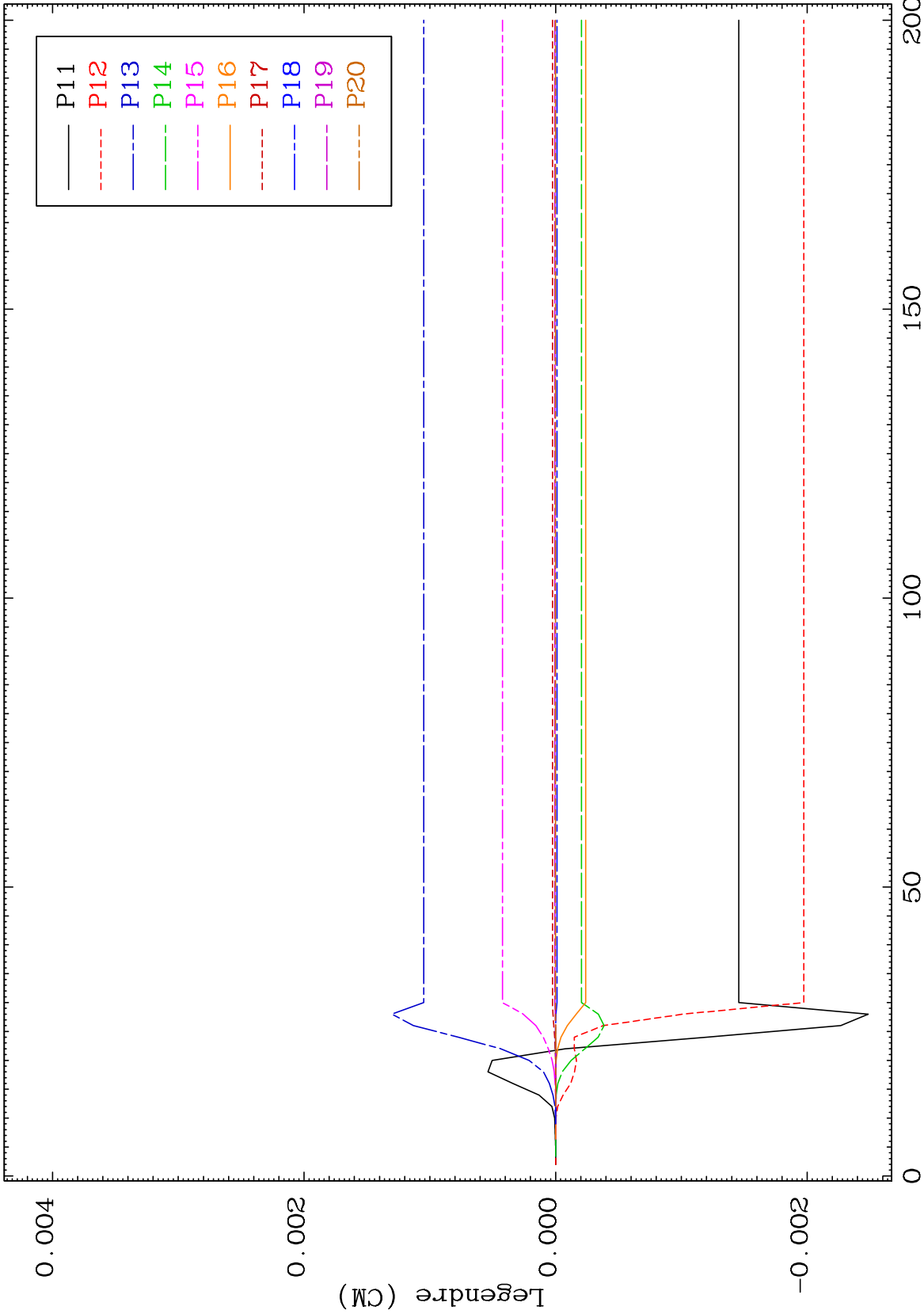
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



58-Ce-152

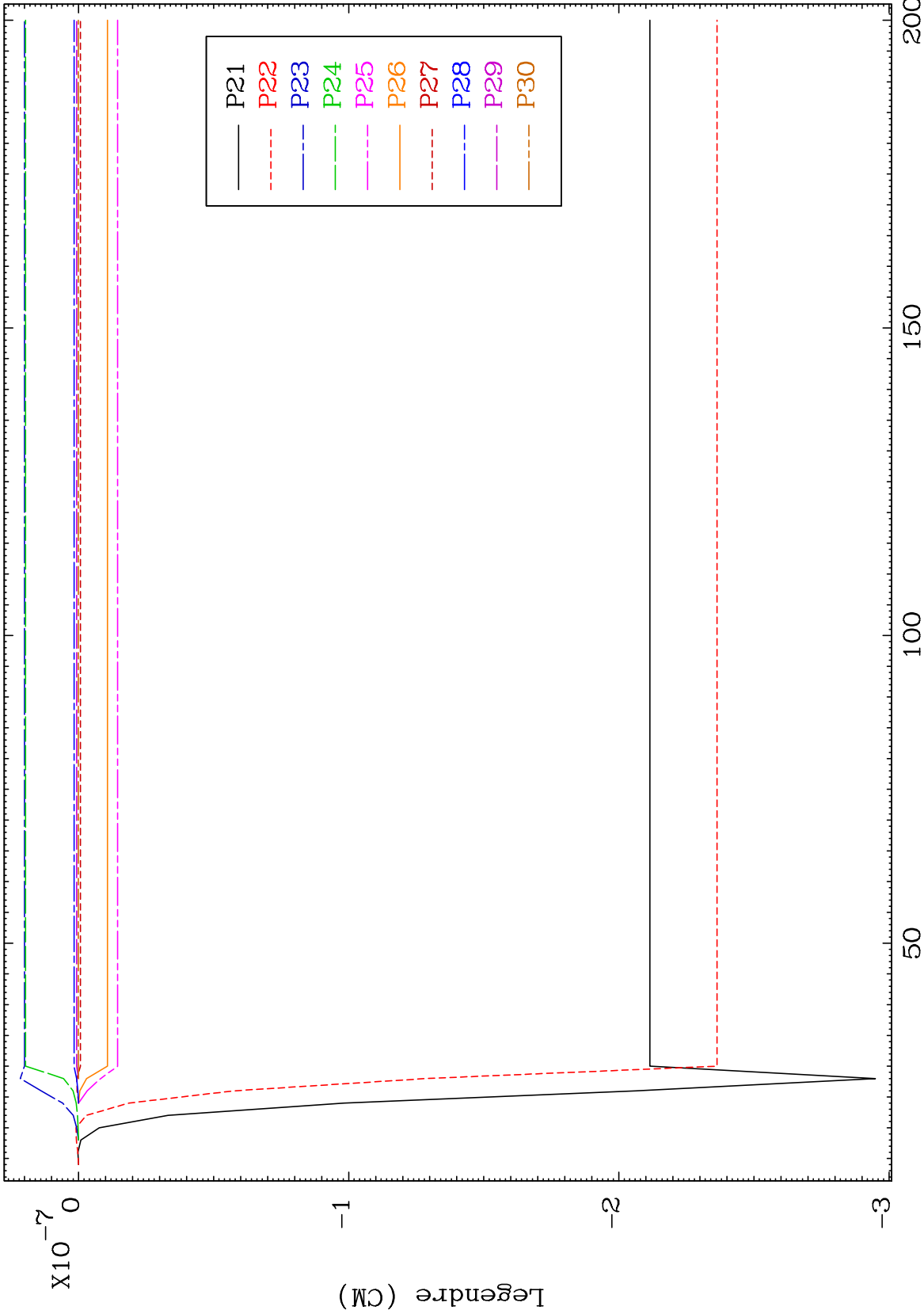
Incident Energy (MeV)

50

MAT 5873

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

58-Ce-152



51

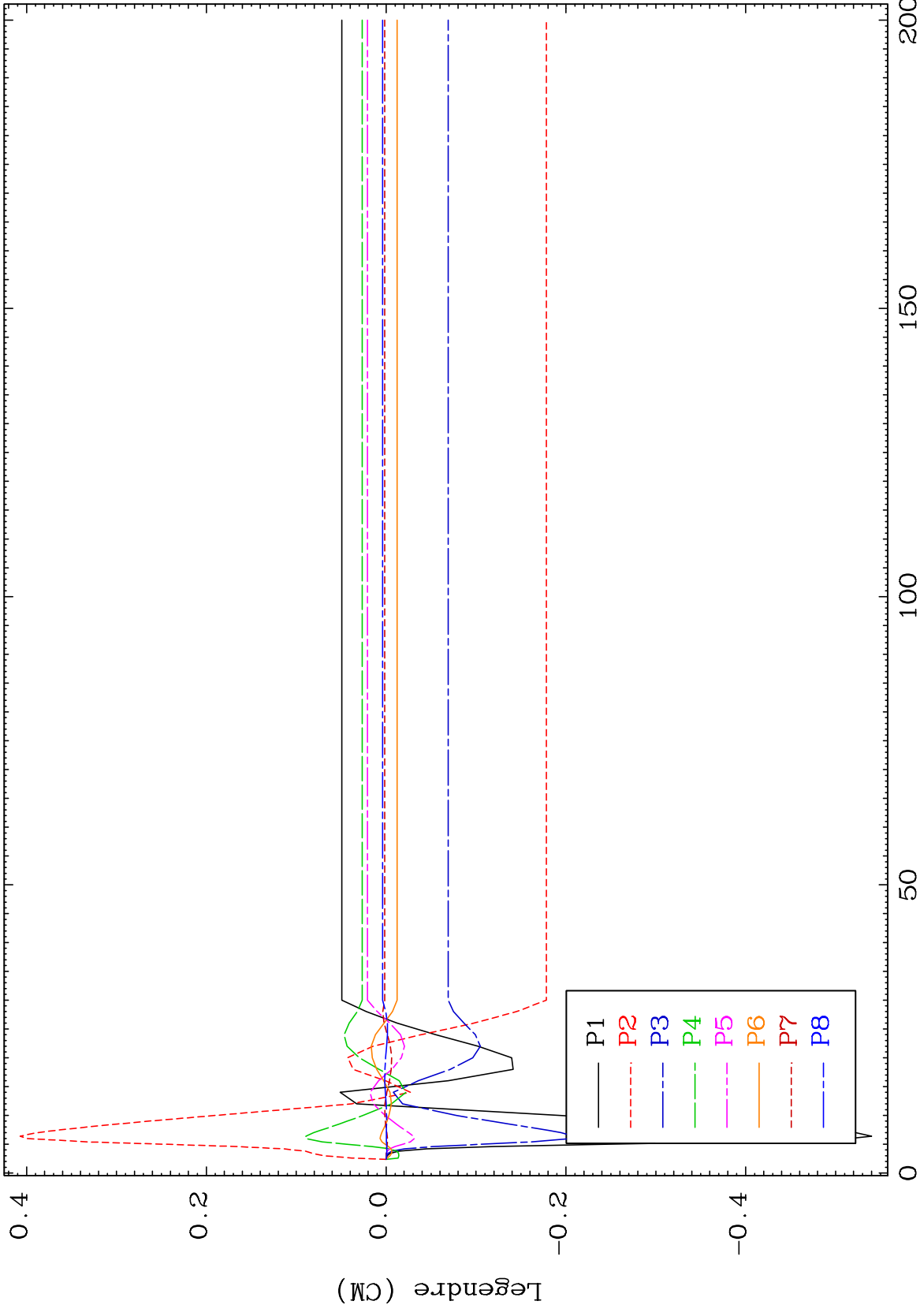
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



52

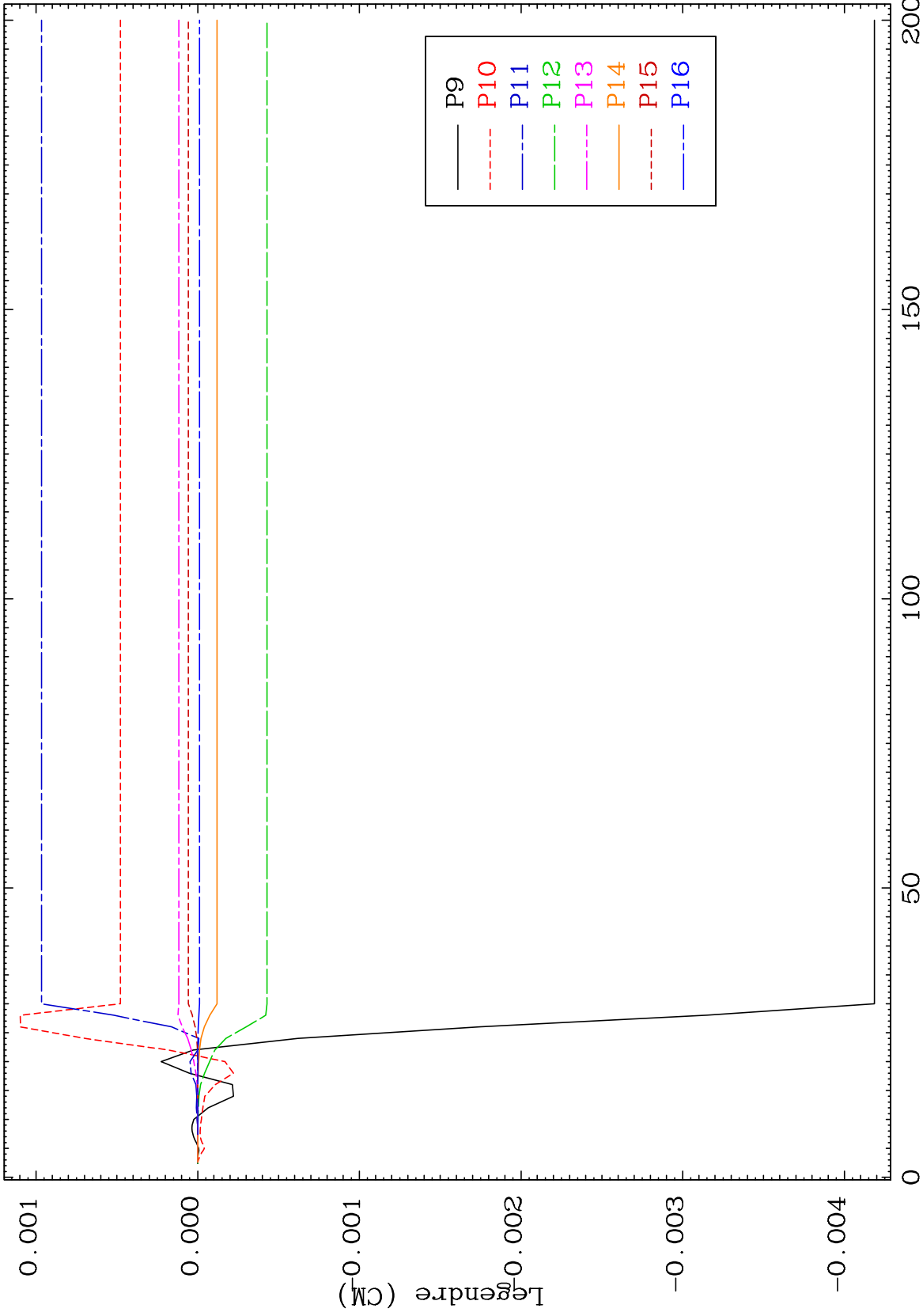
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



53

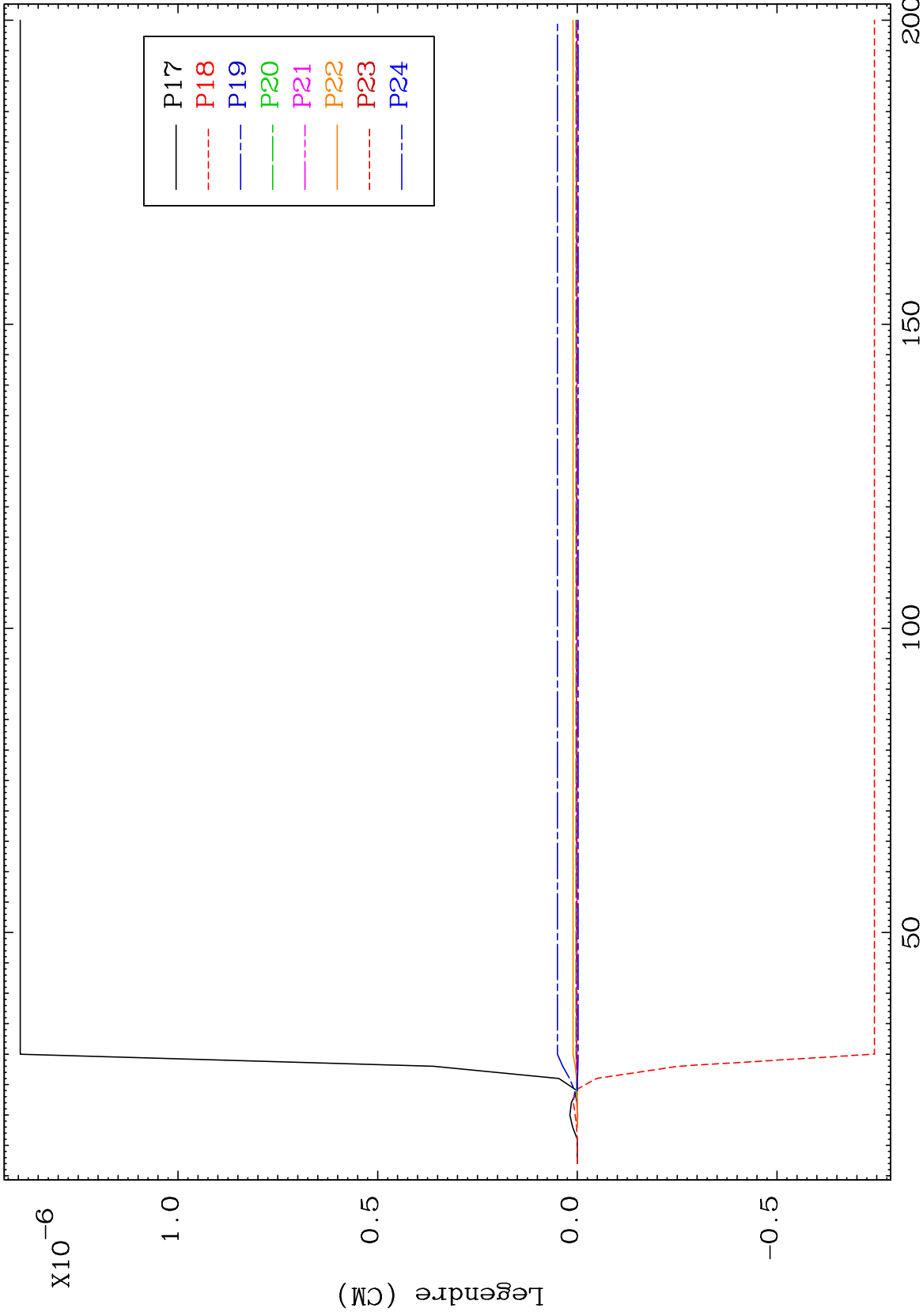
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



54

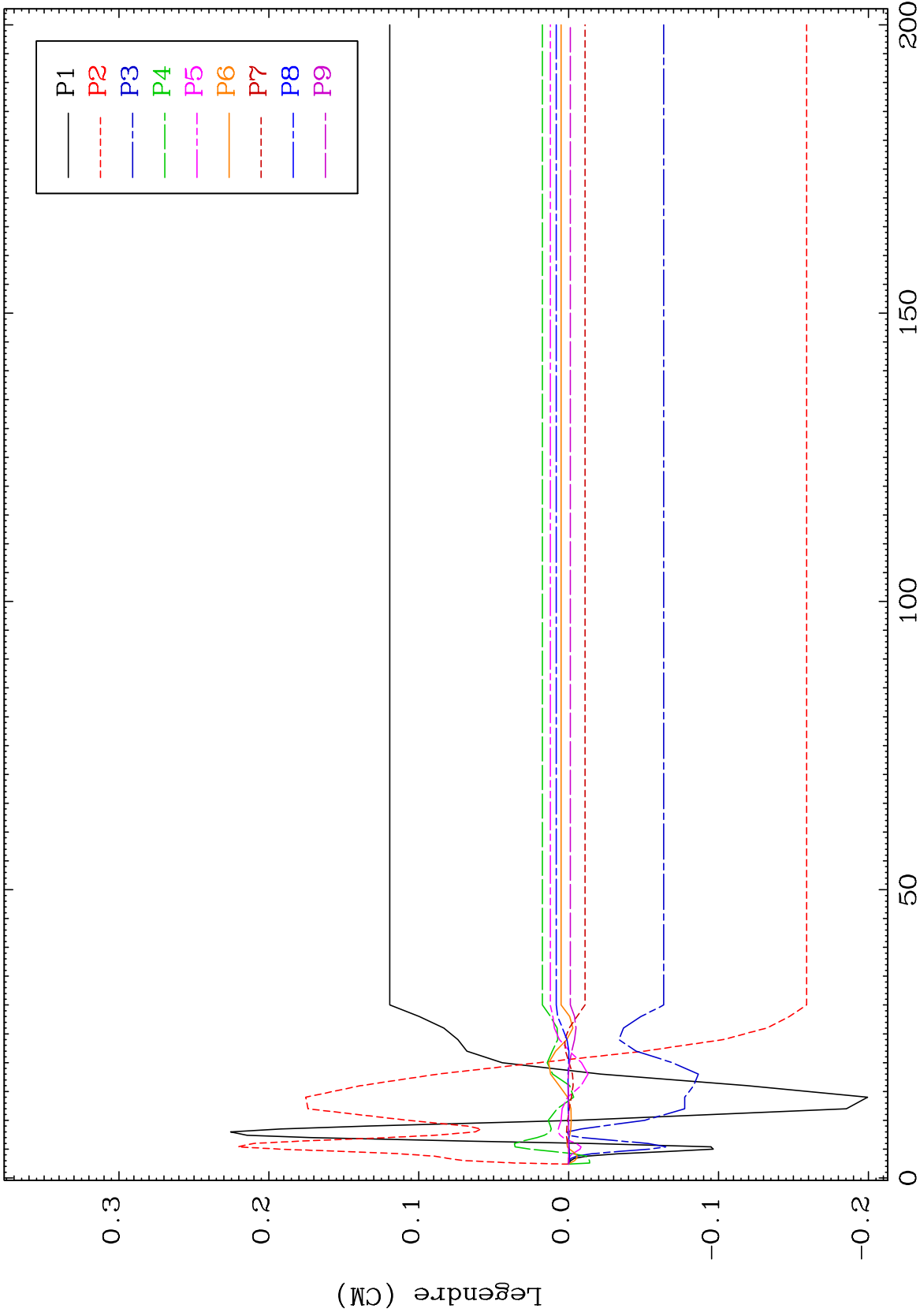
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



55

Incident Energy (MeV)

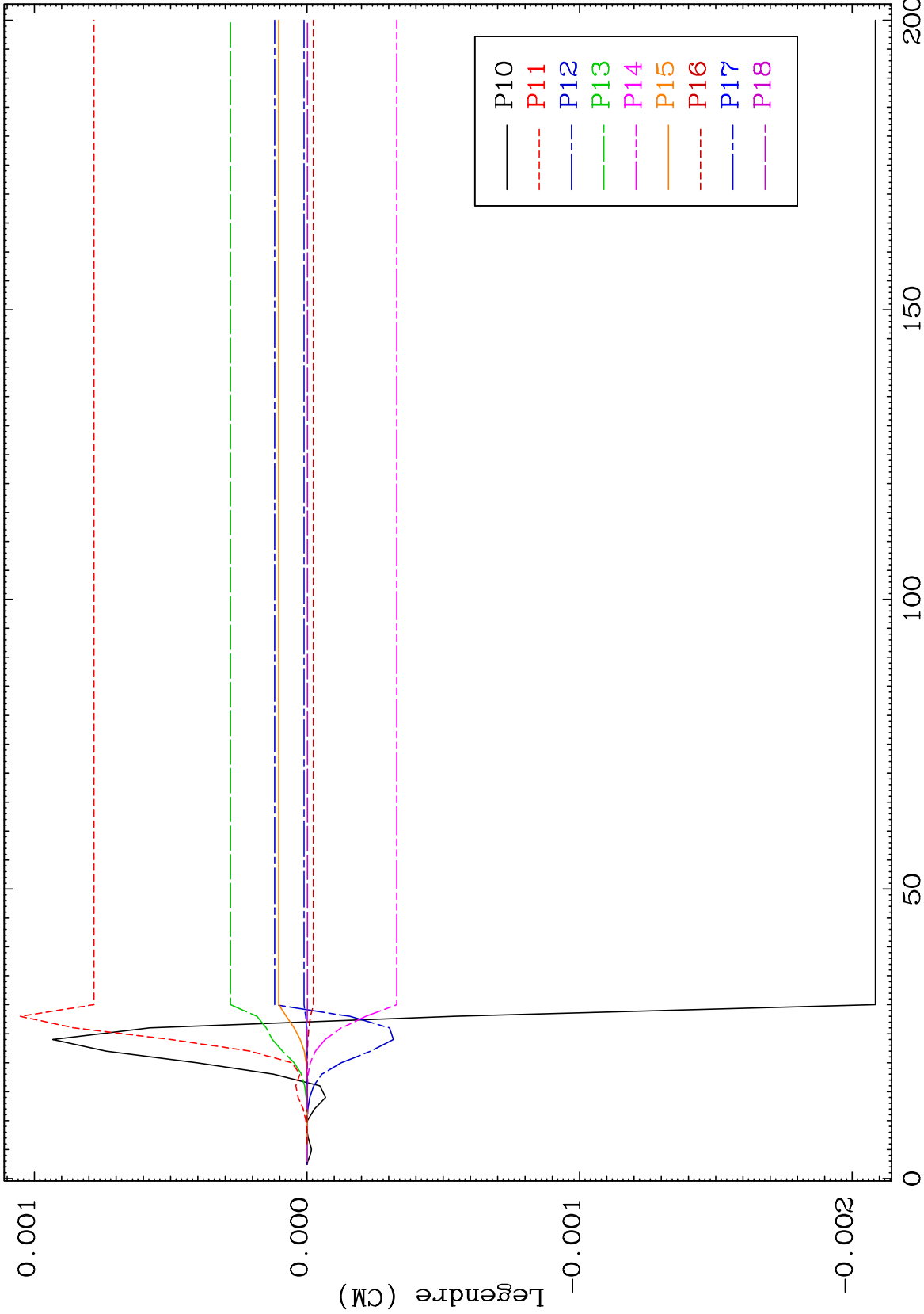
58-Ce-152



MAT 5873

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

58-Ce-152



56

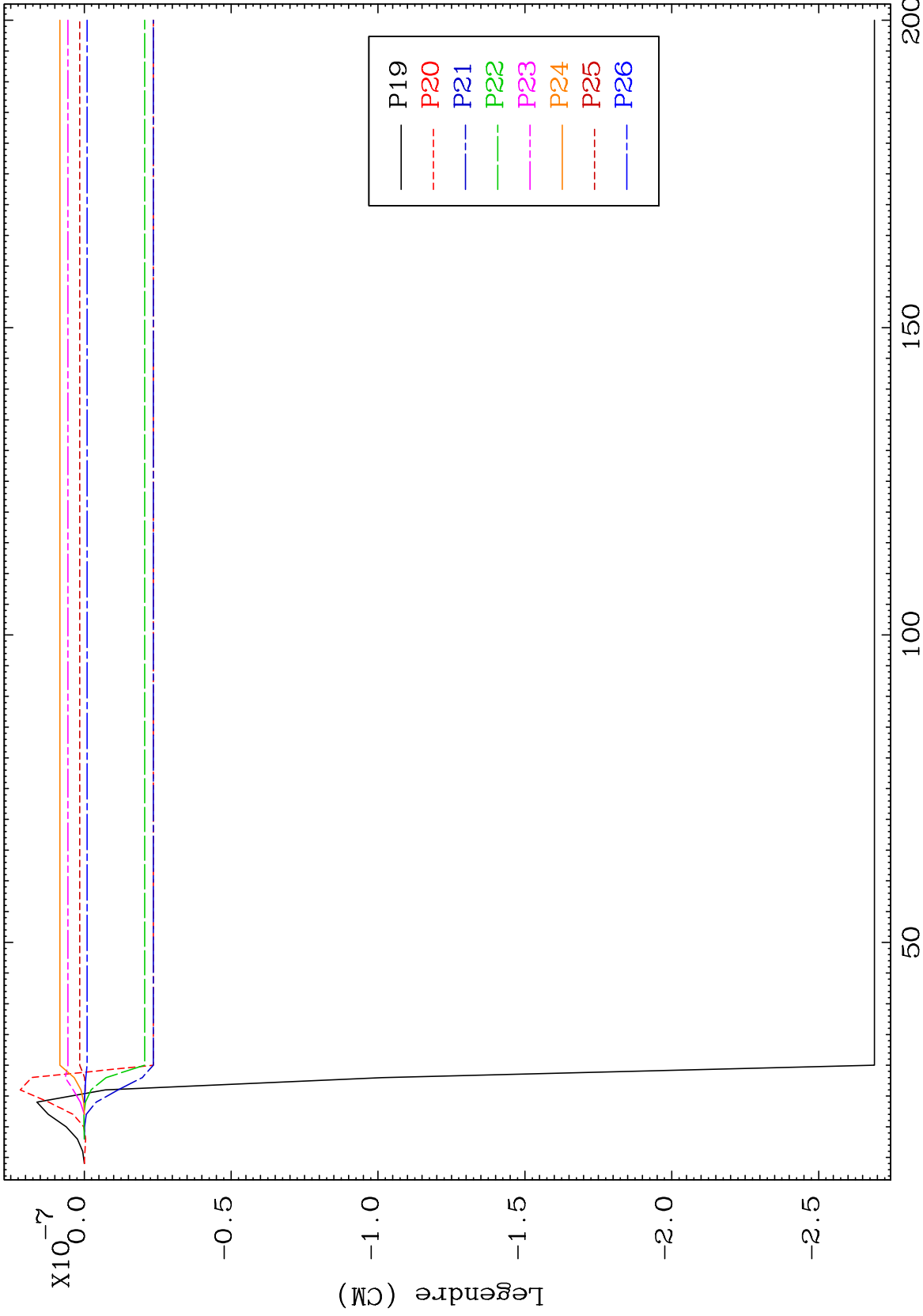
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



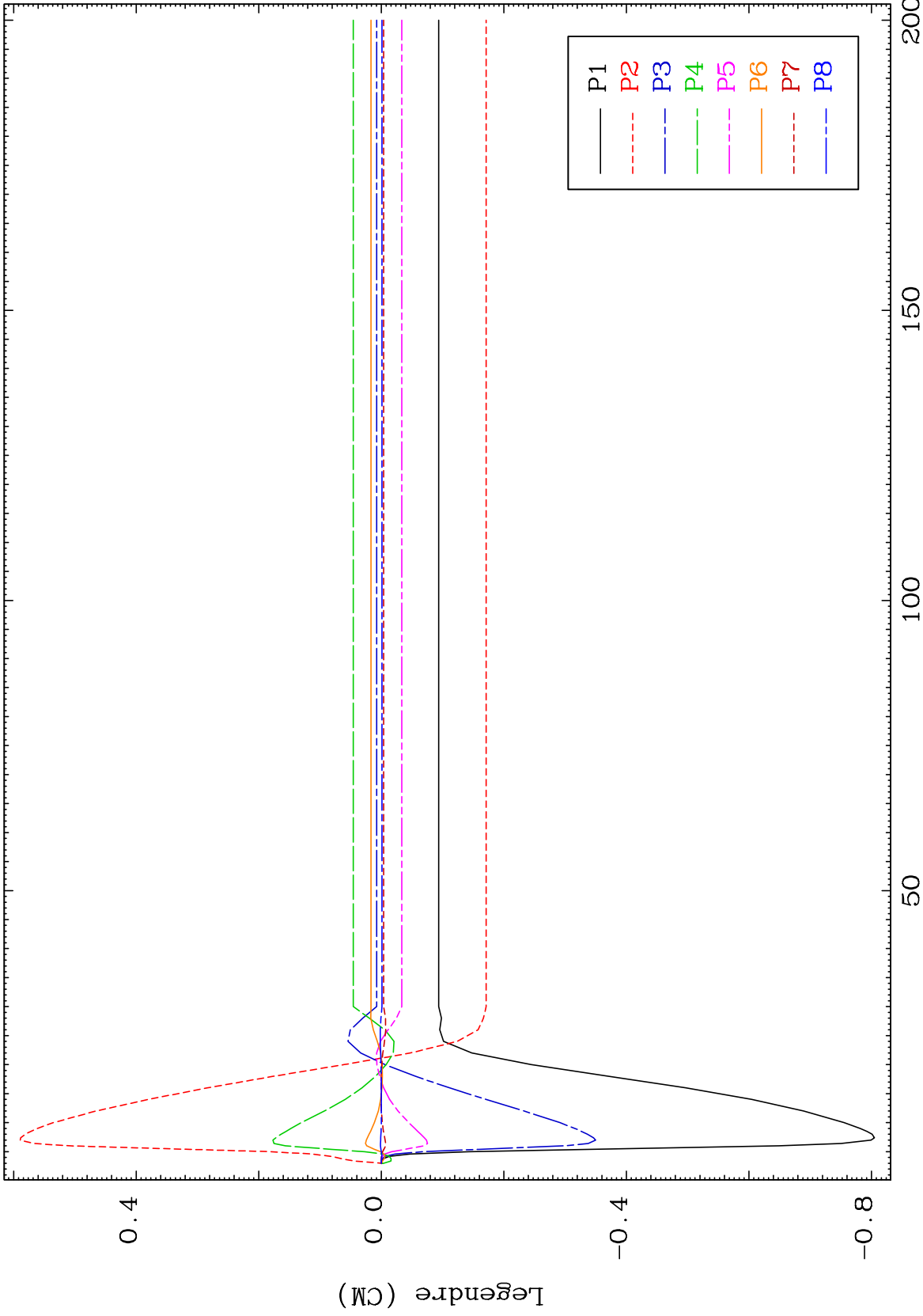
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58-Ce-152

MAT 5873

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

58-Ce-152



58

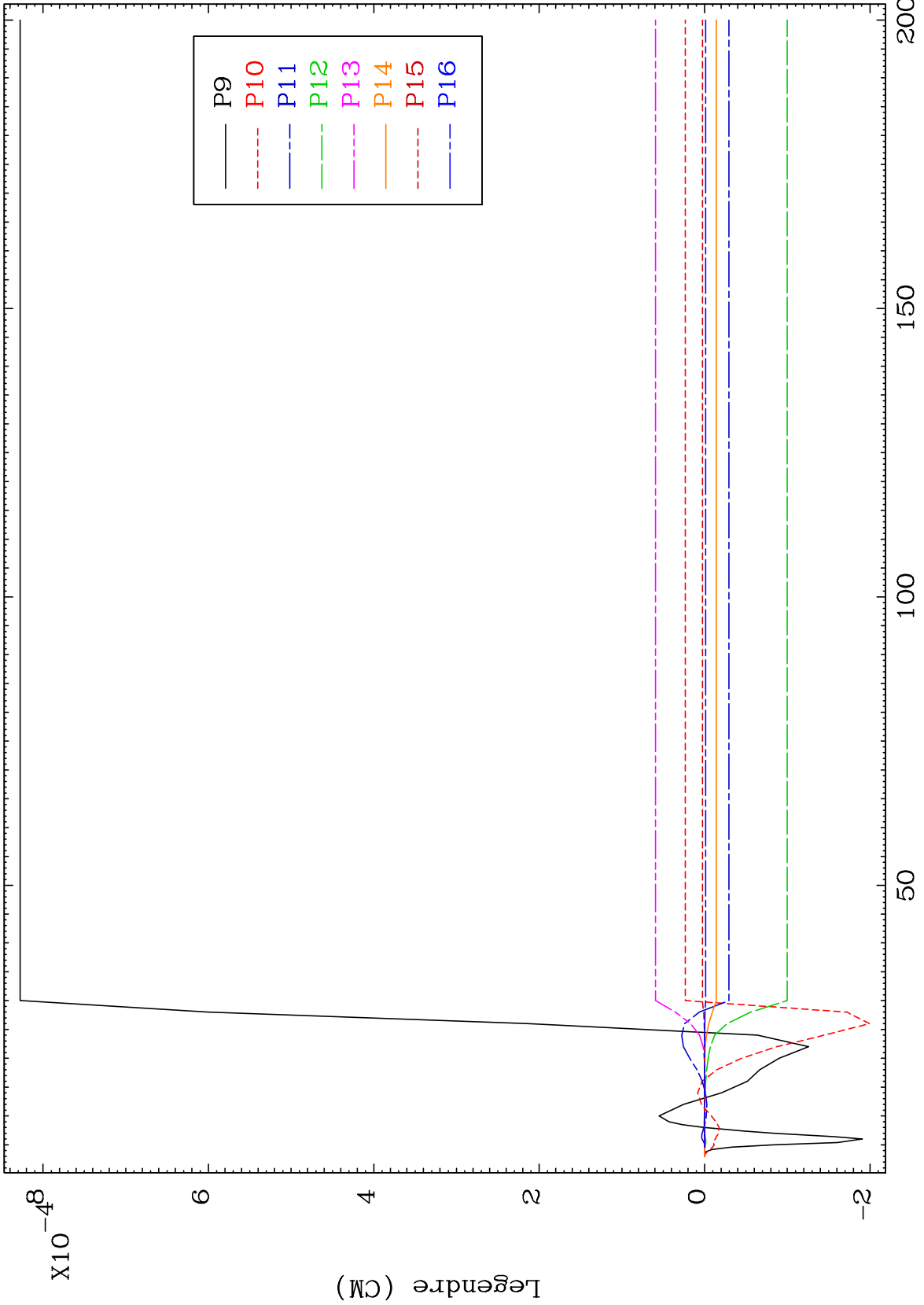
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



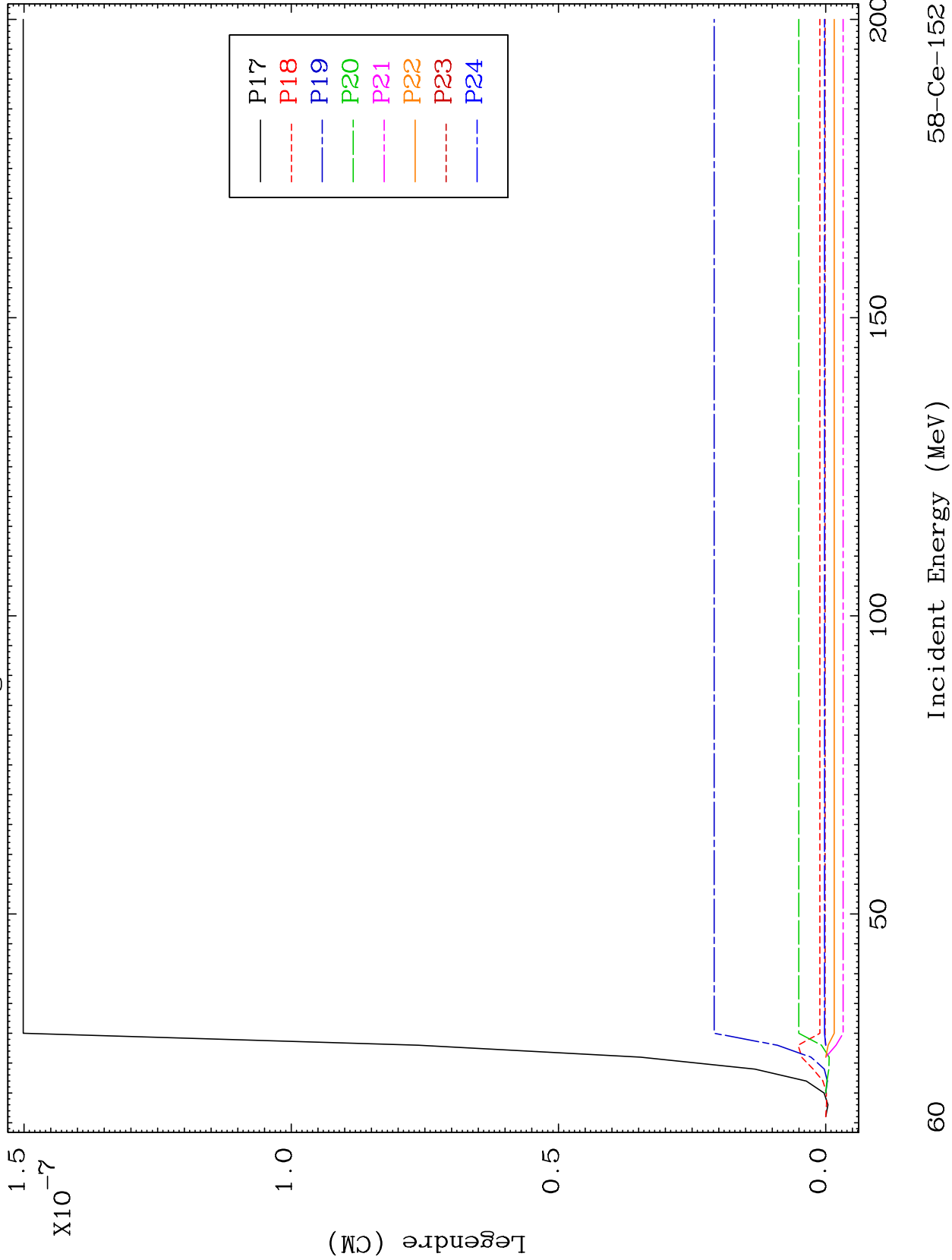
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58-Ce-152

MAT 5873

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

58-Ce-152



60

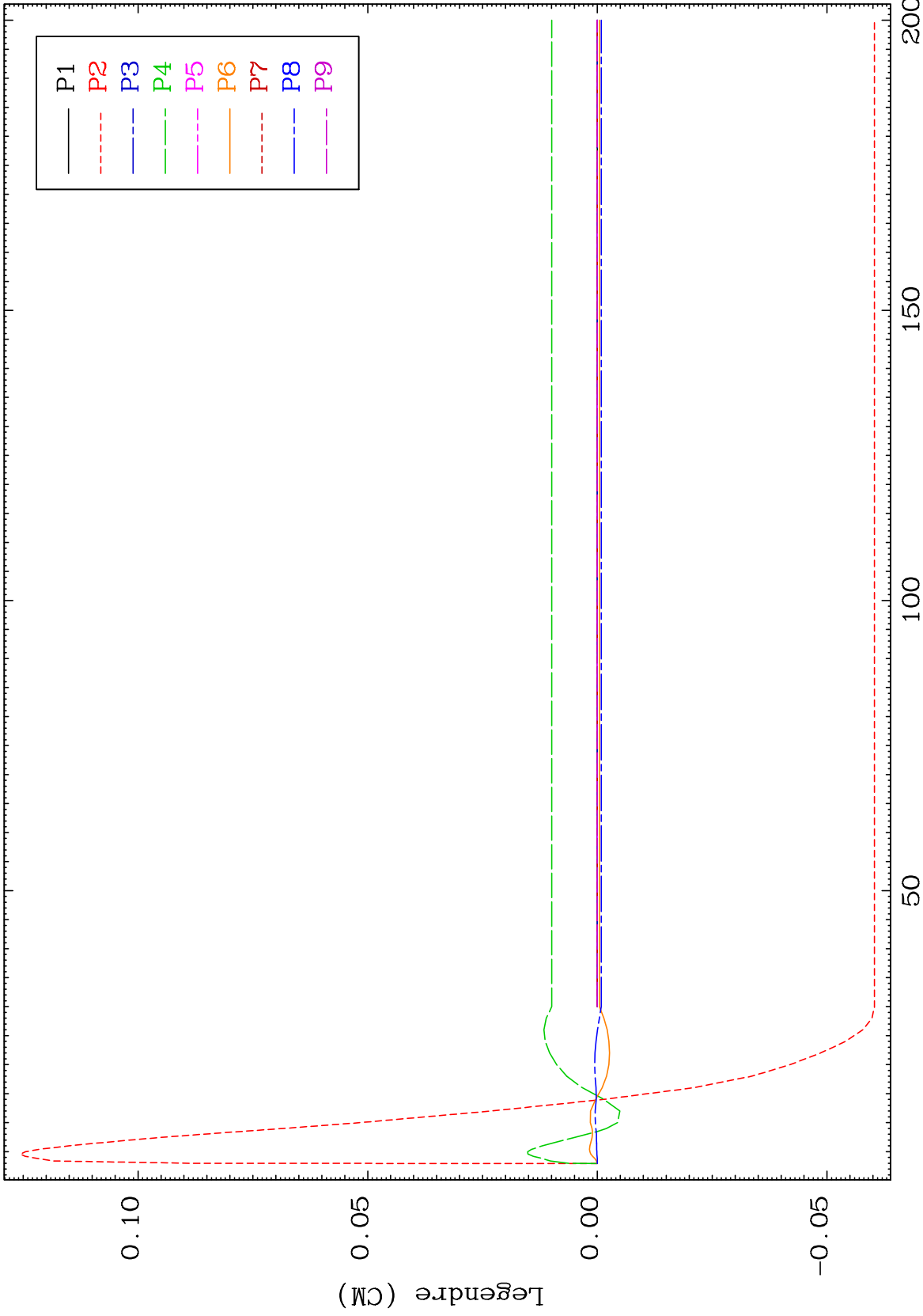
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



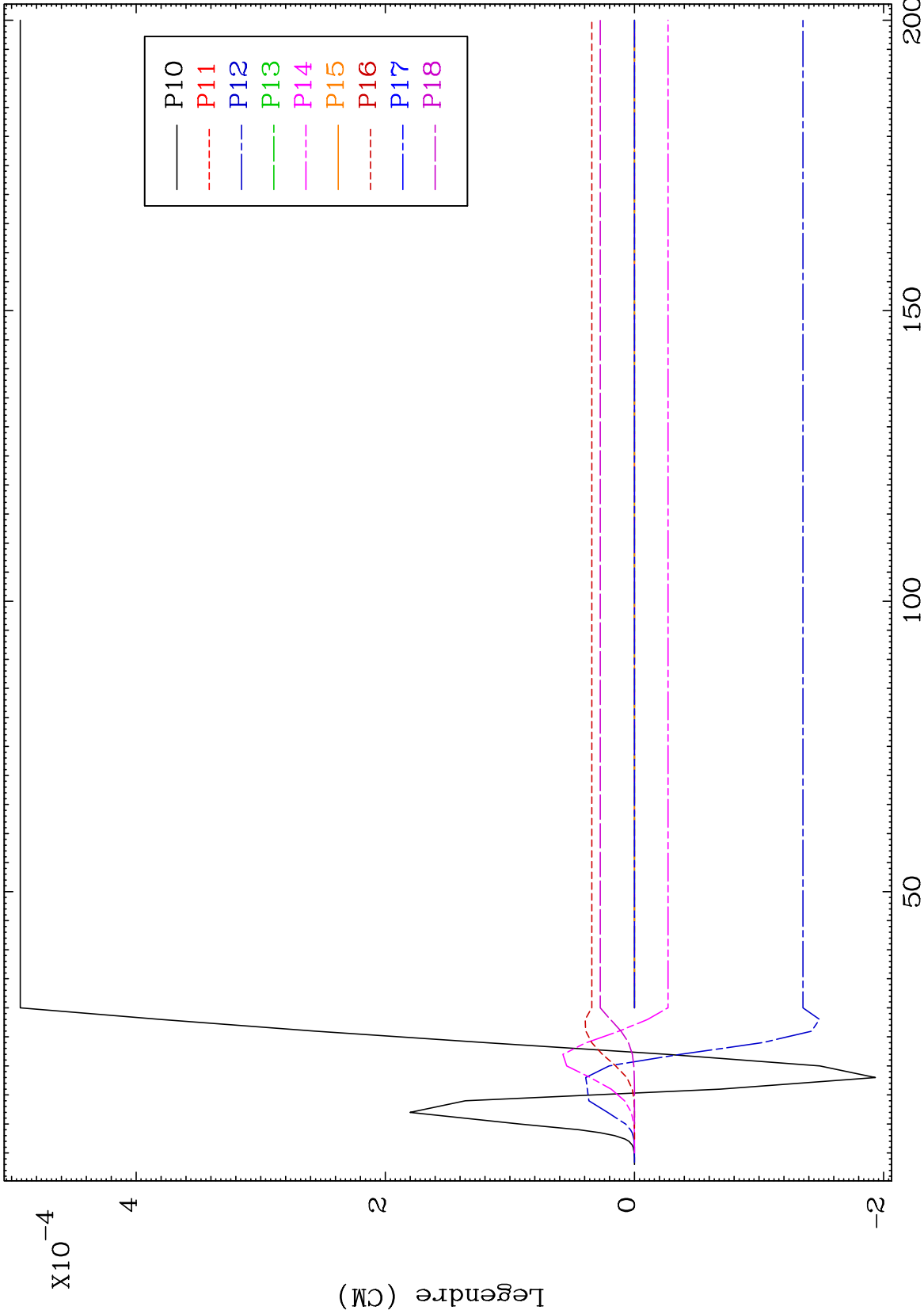
61

58-Ce-152

MAT 5873

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

58-Ce-152



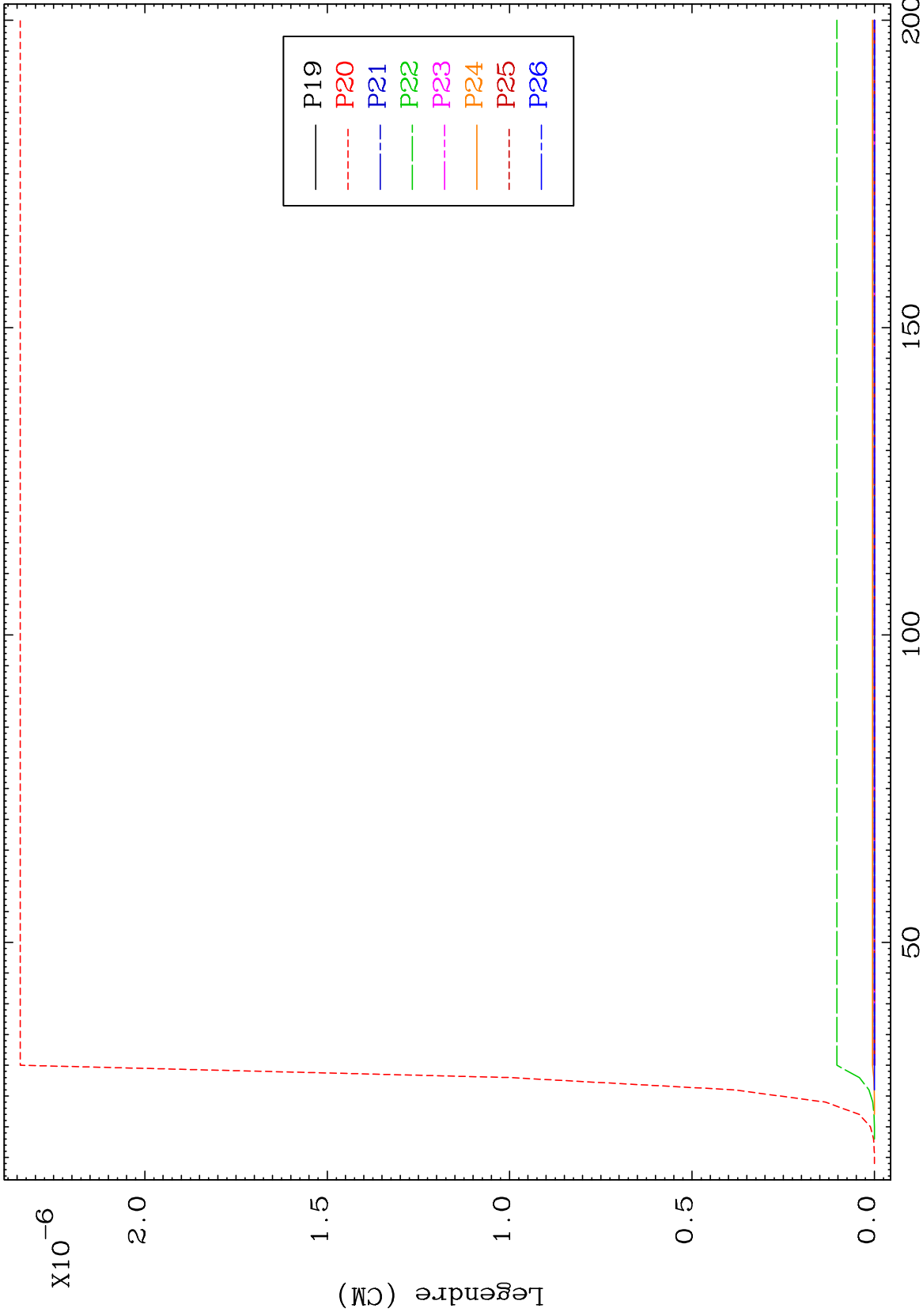
62

58-Ce-152

MAT 5873

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

58-Ce-152

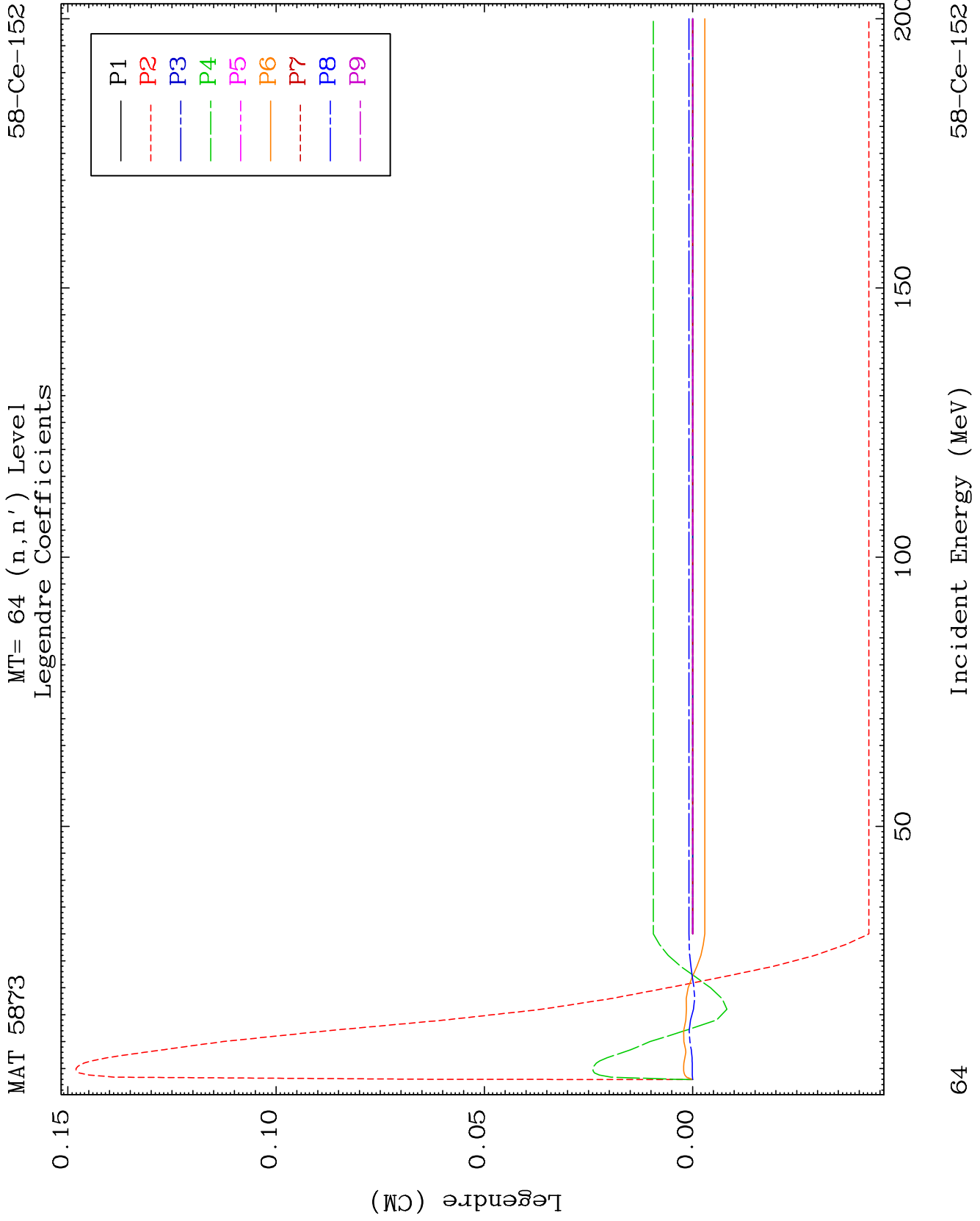


63

Incident Energy (MeV)

58-Ce-152

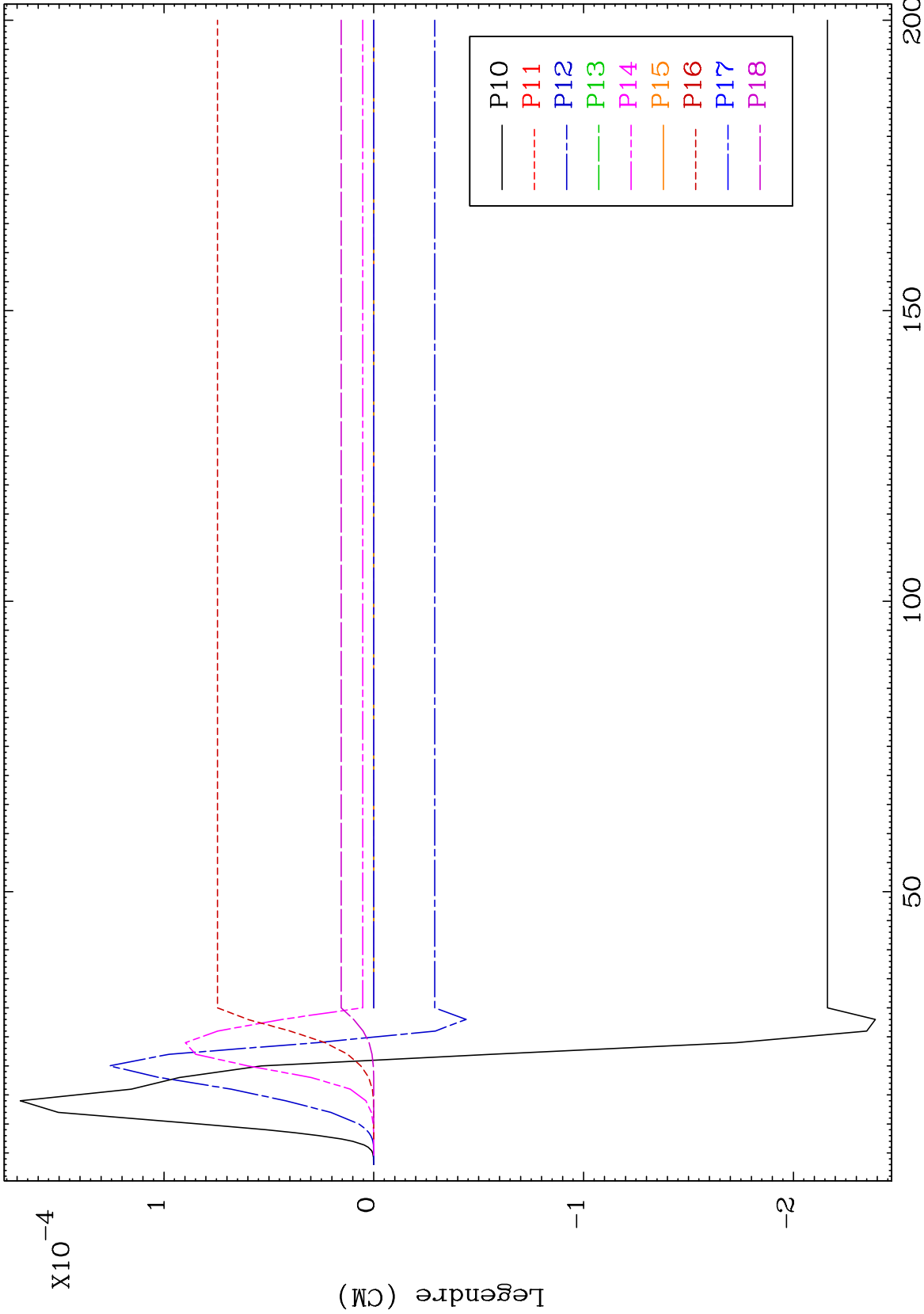




MAT 5873

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

58-Ce-152



65

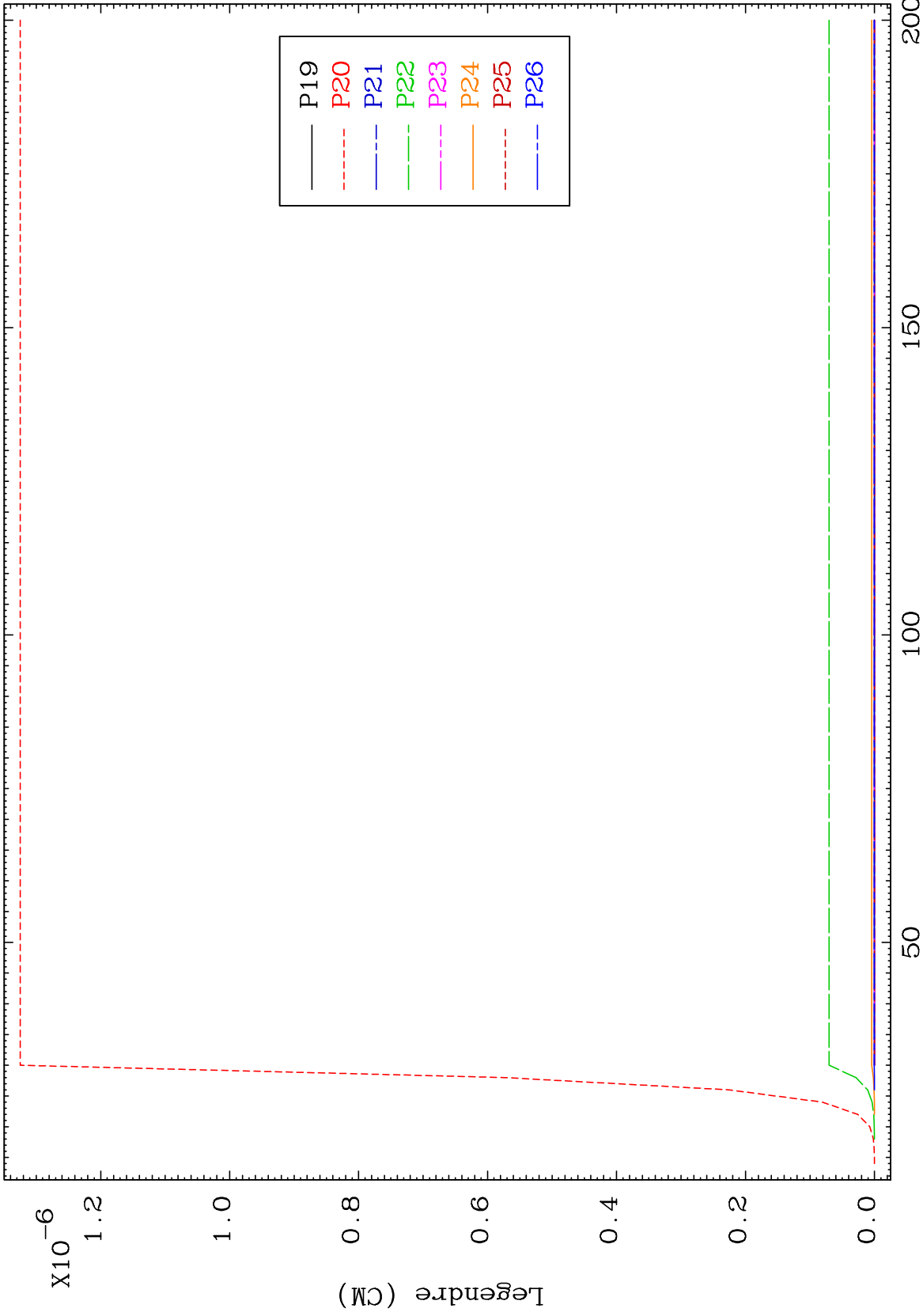
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



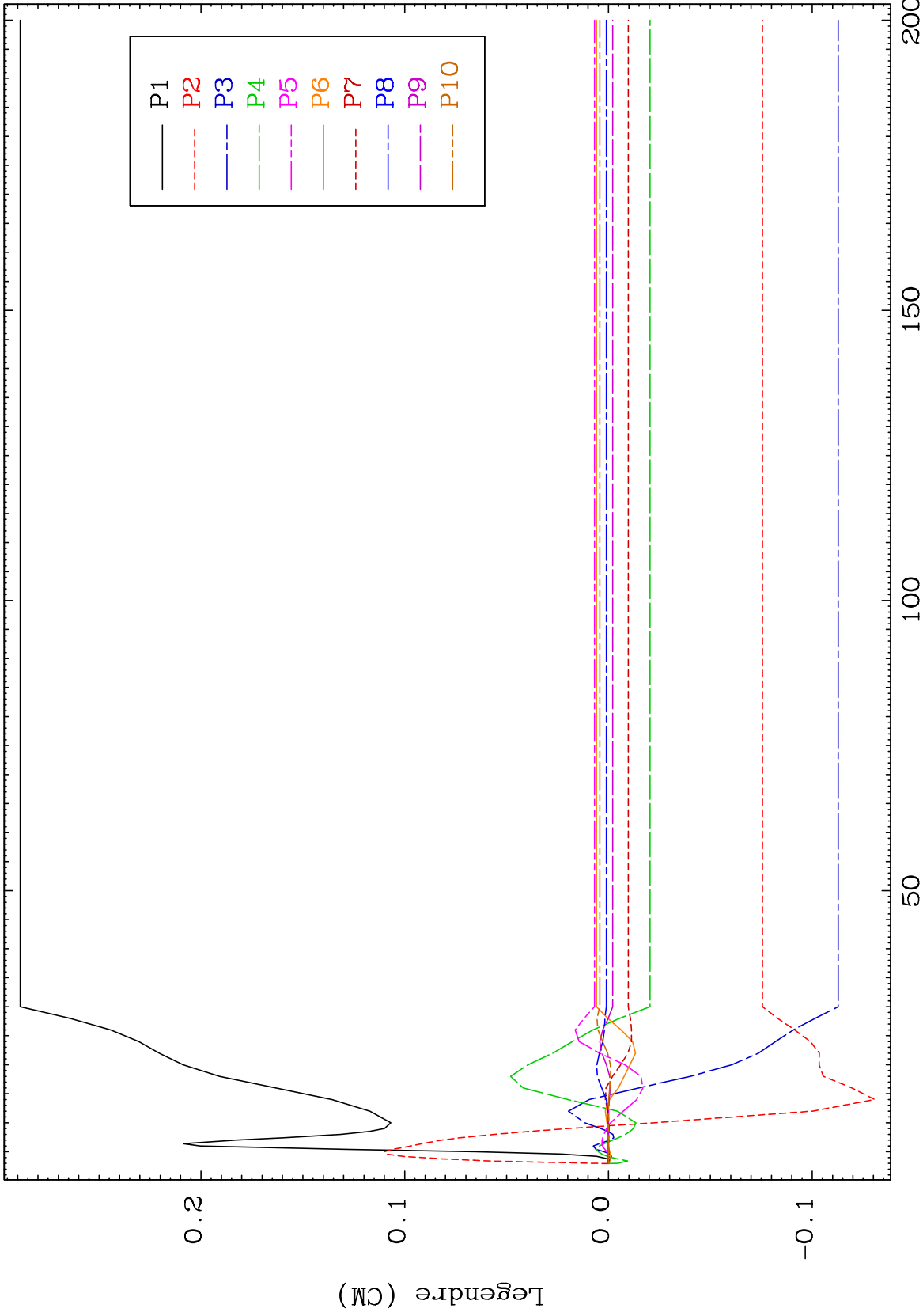
66

58-Ce-152

MAT 5873

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

58-Ce-152



67

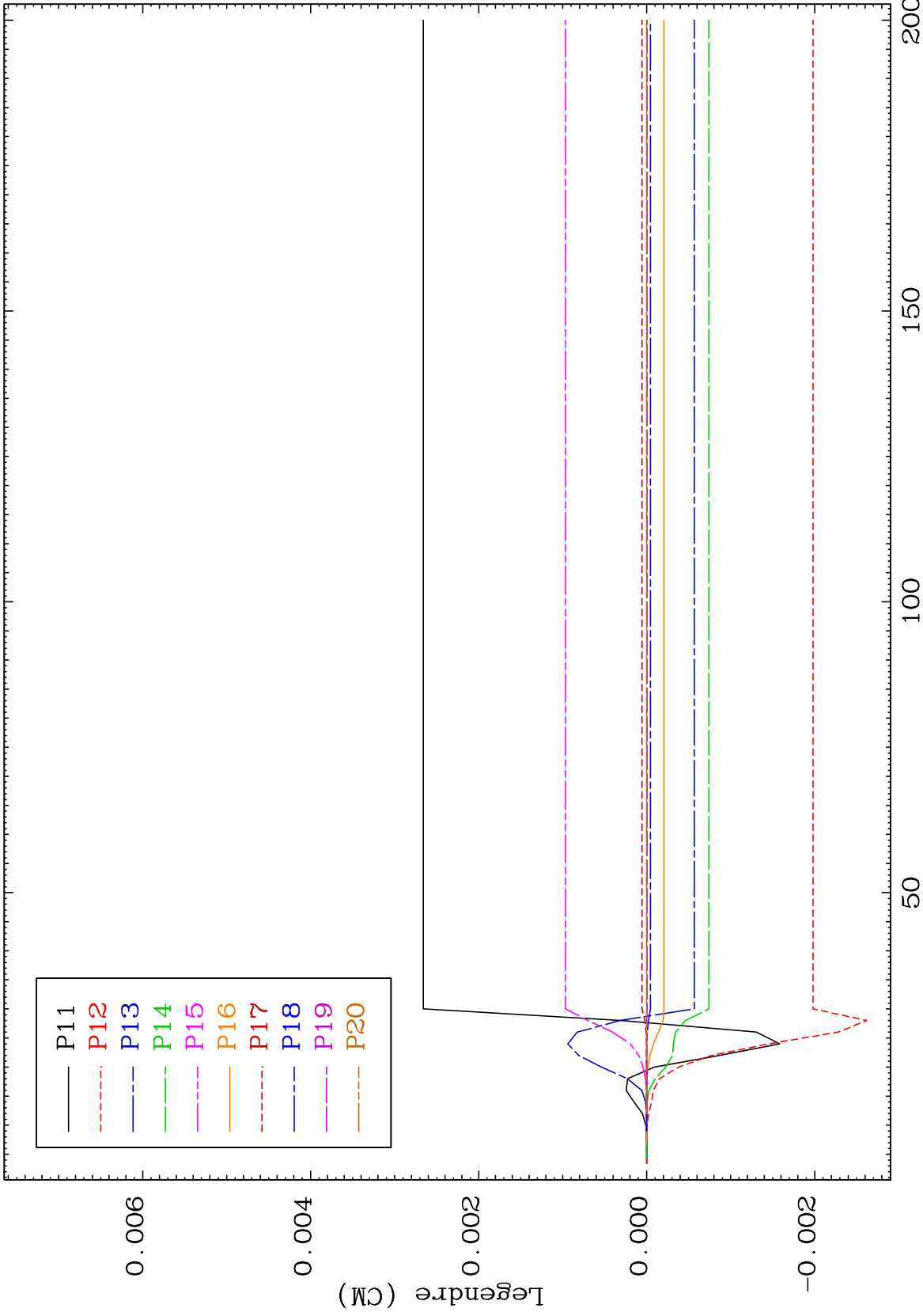
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



68

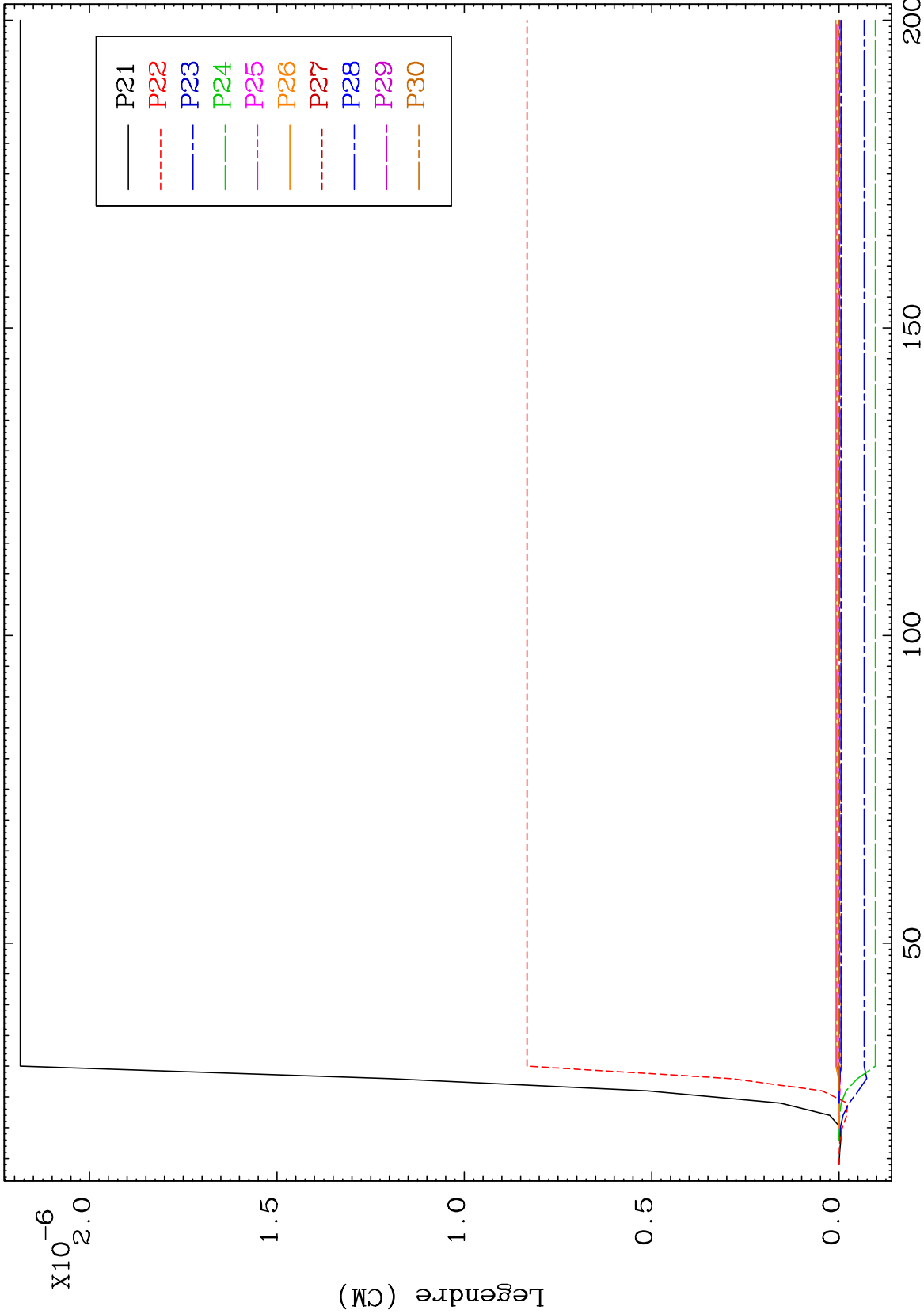
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



69

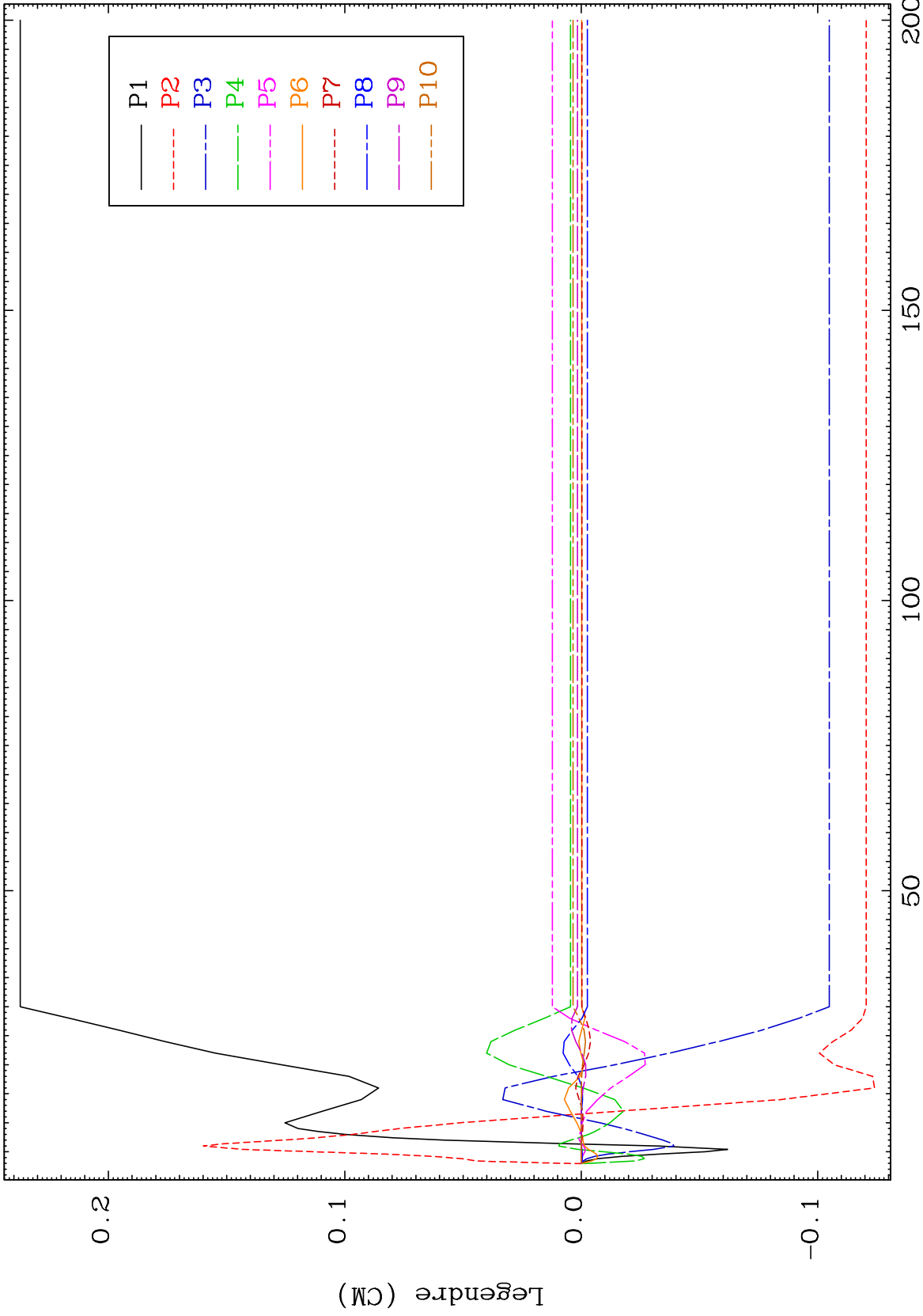
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



70

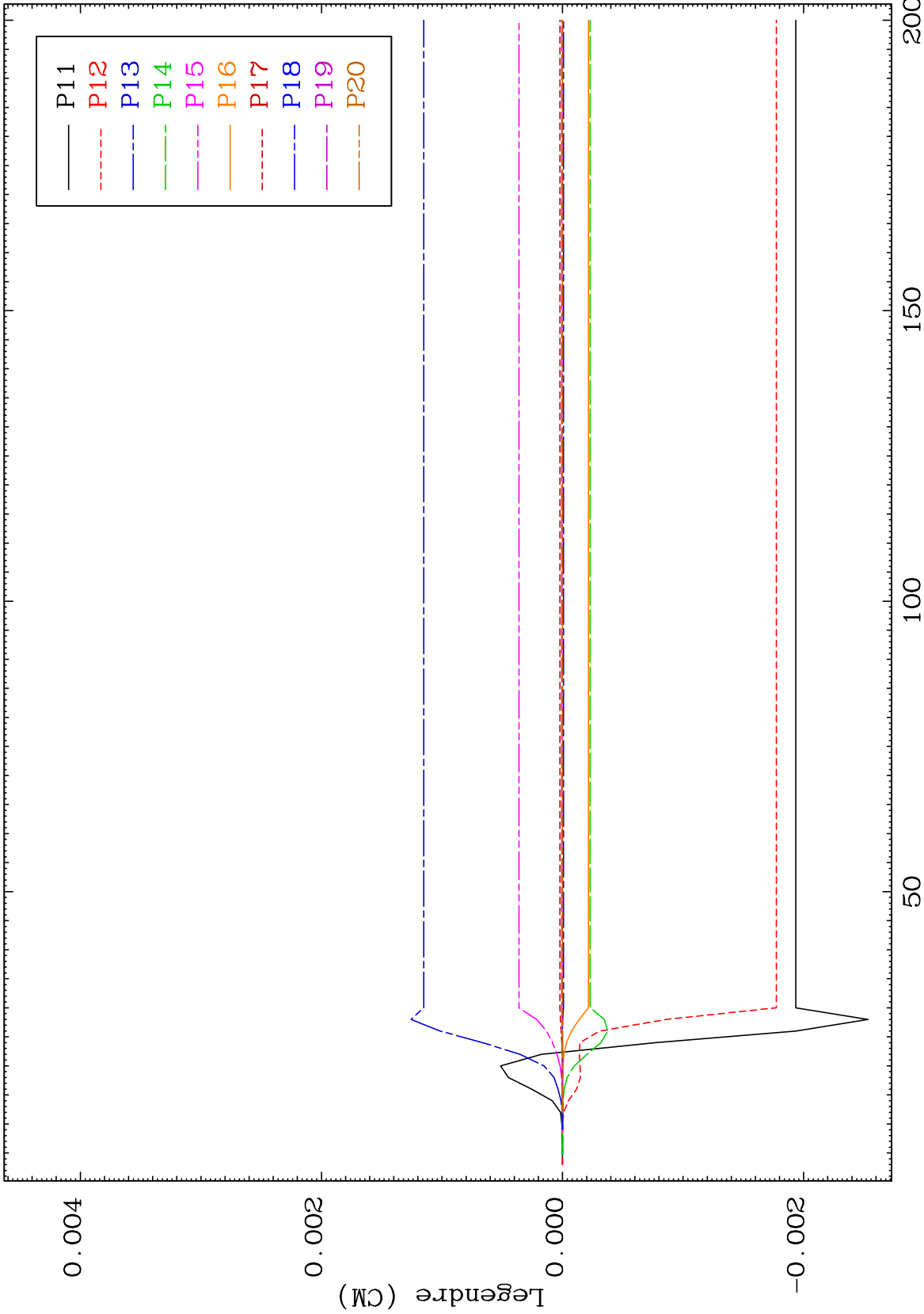
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



71

Incident Energy (MeV)

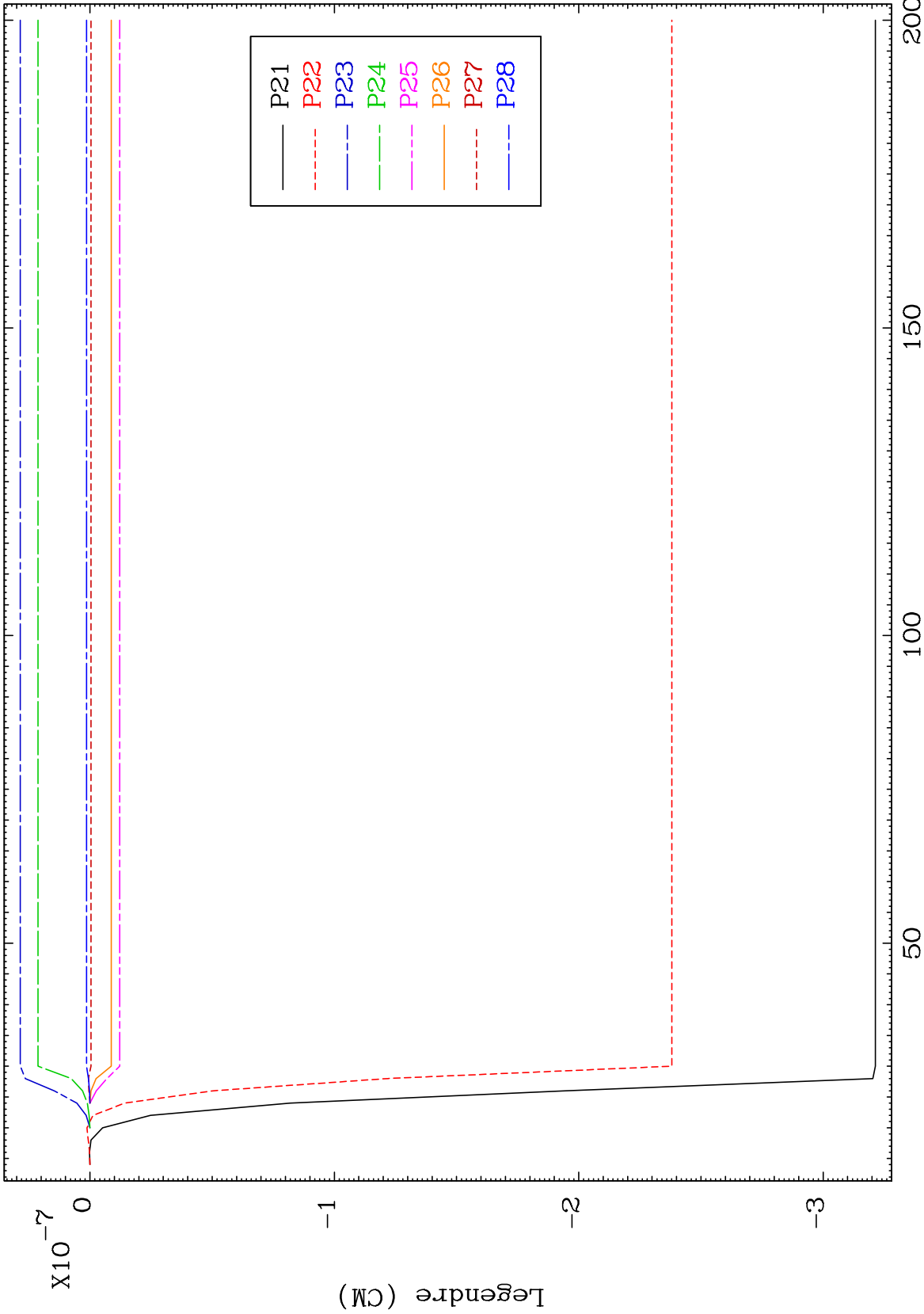
58-Ce-152



MAT 5873

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

58-Ce-152

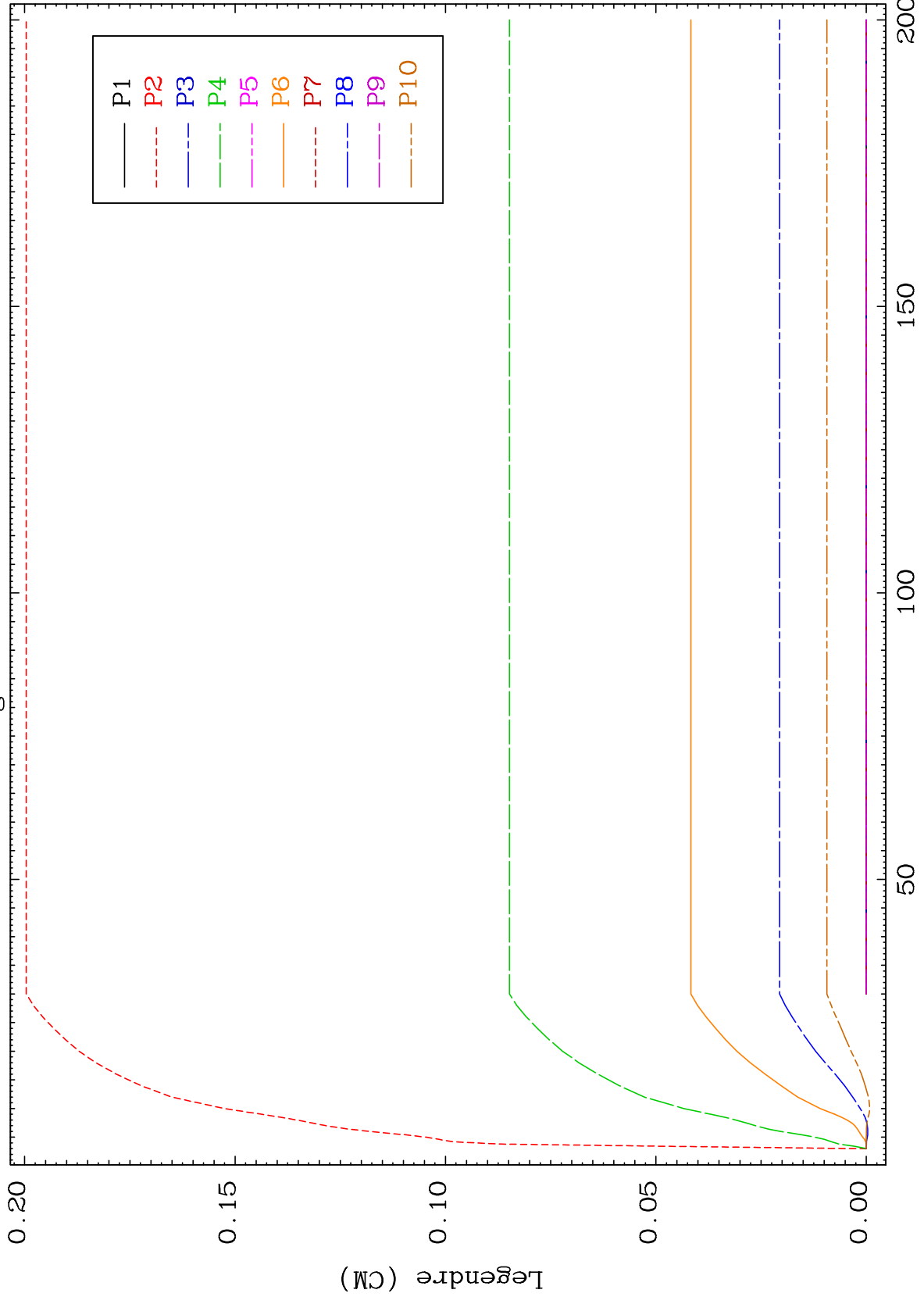


72

Incident Energy (MeV)

58-Ce-152

MAT 5873 MT= 67 (n,n') Level Legendre Coefficients 58-Ce-152

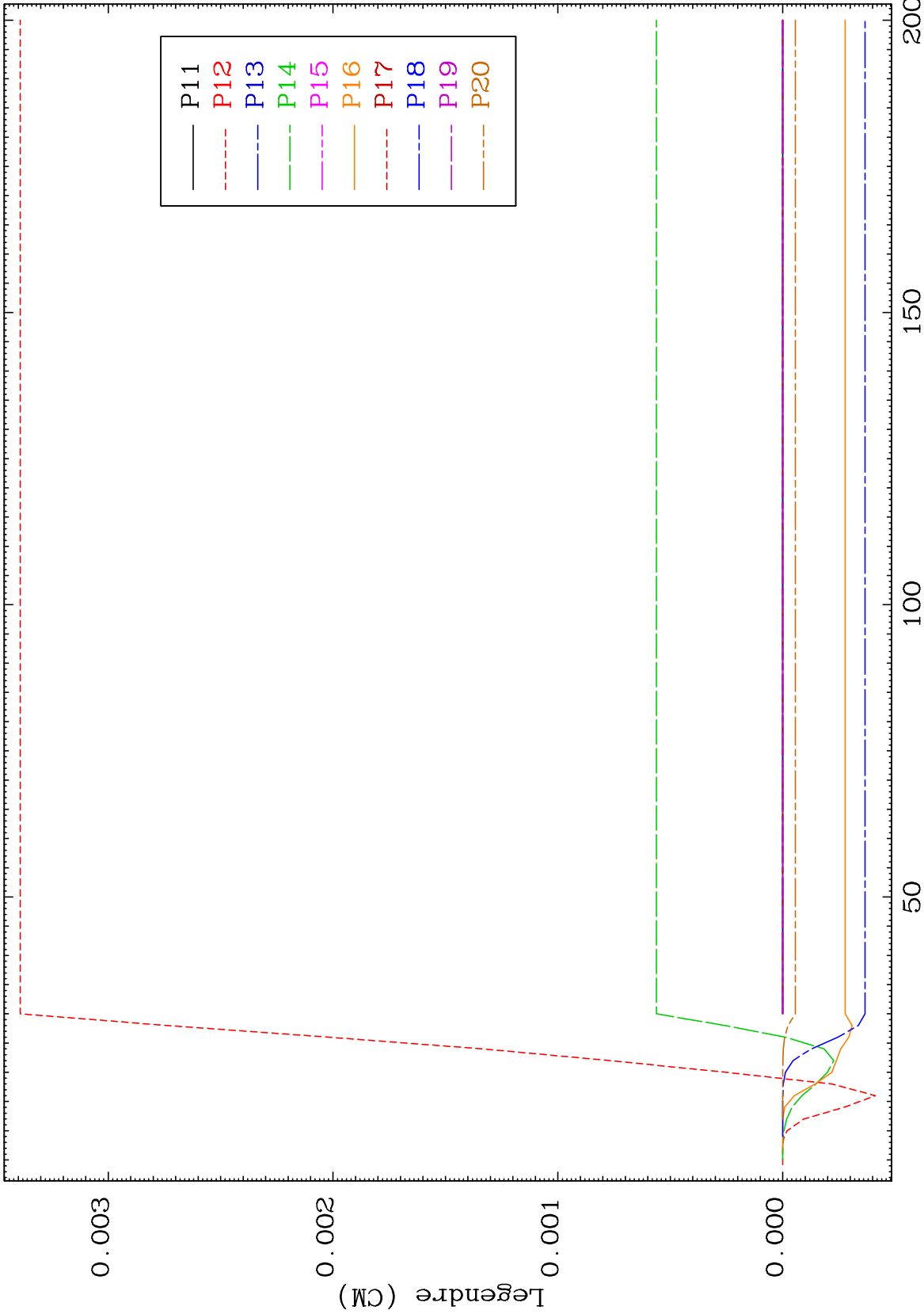


73 Incident Energy (MeV) 58-Ce-152

MAT 5873

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

58-Ce-152



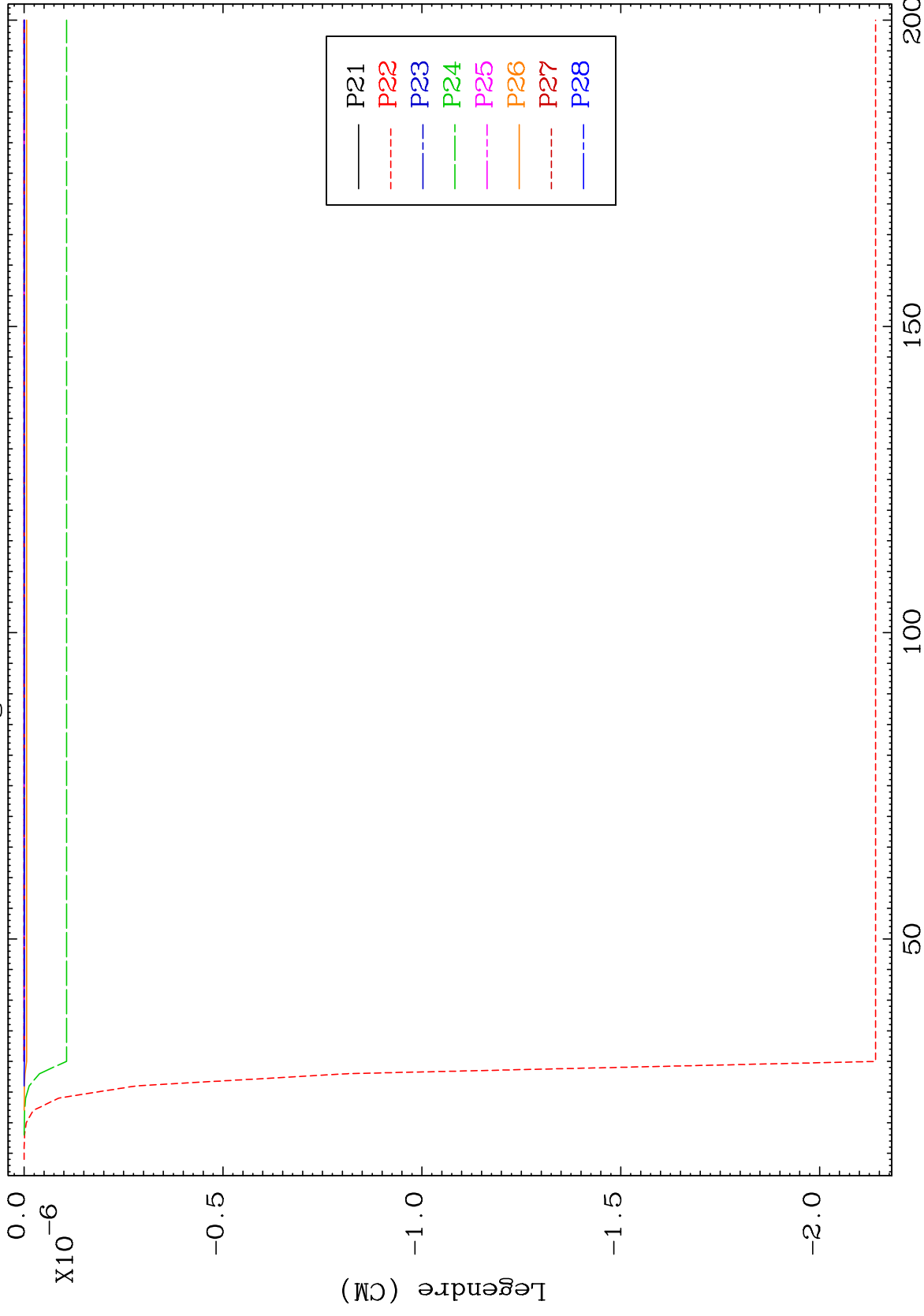
74

58-Ce-152

MAT 5873

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

58-Ce-152



75

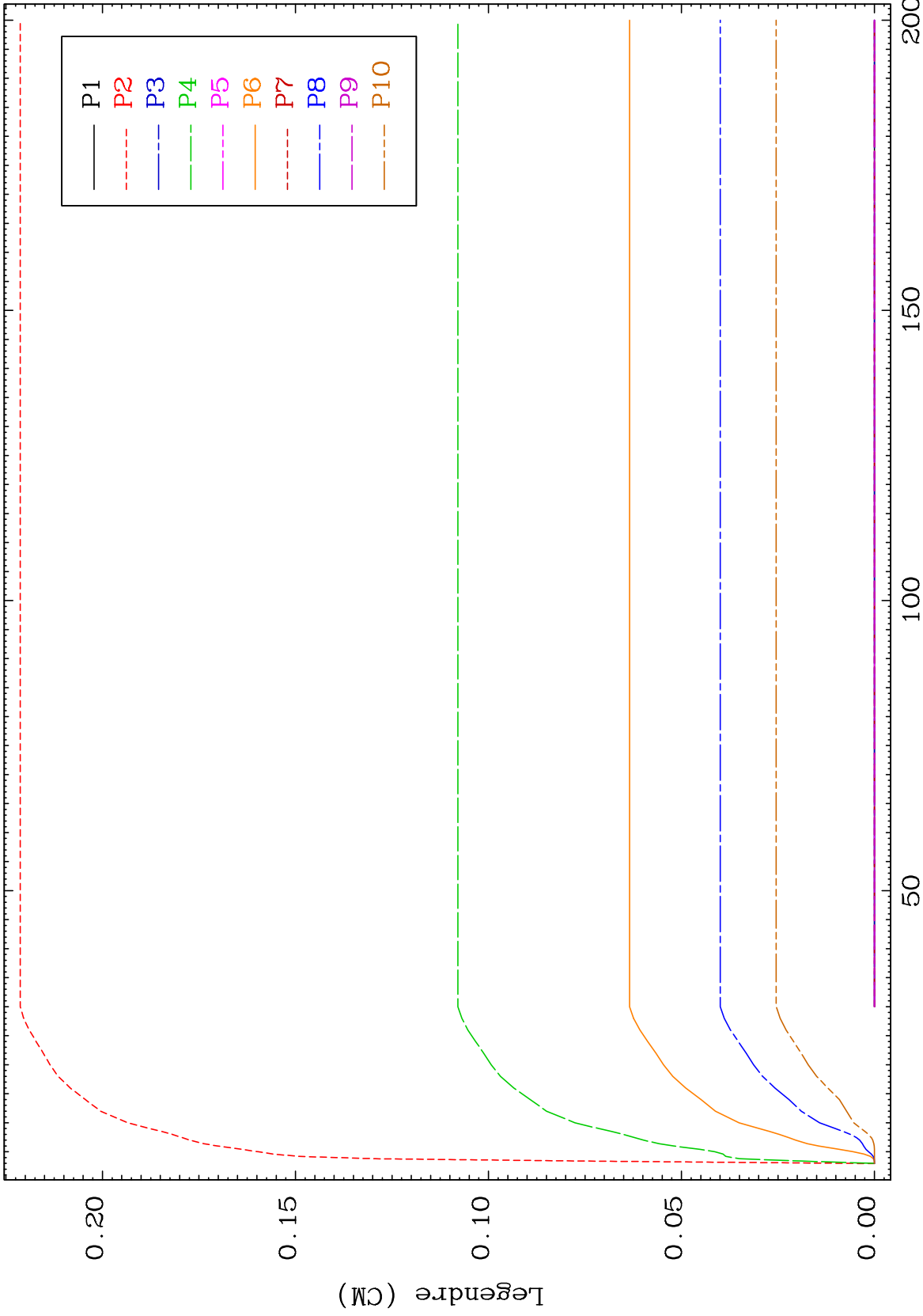
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



76

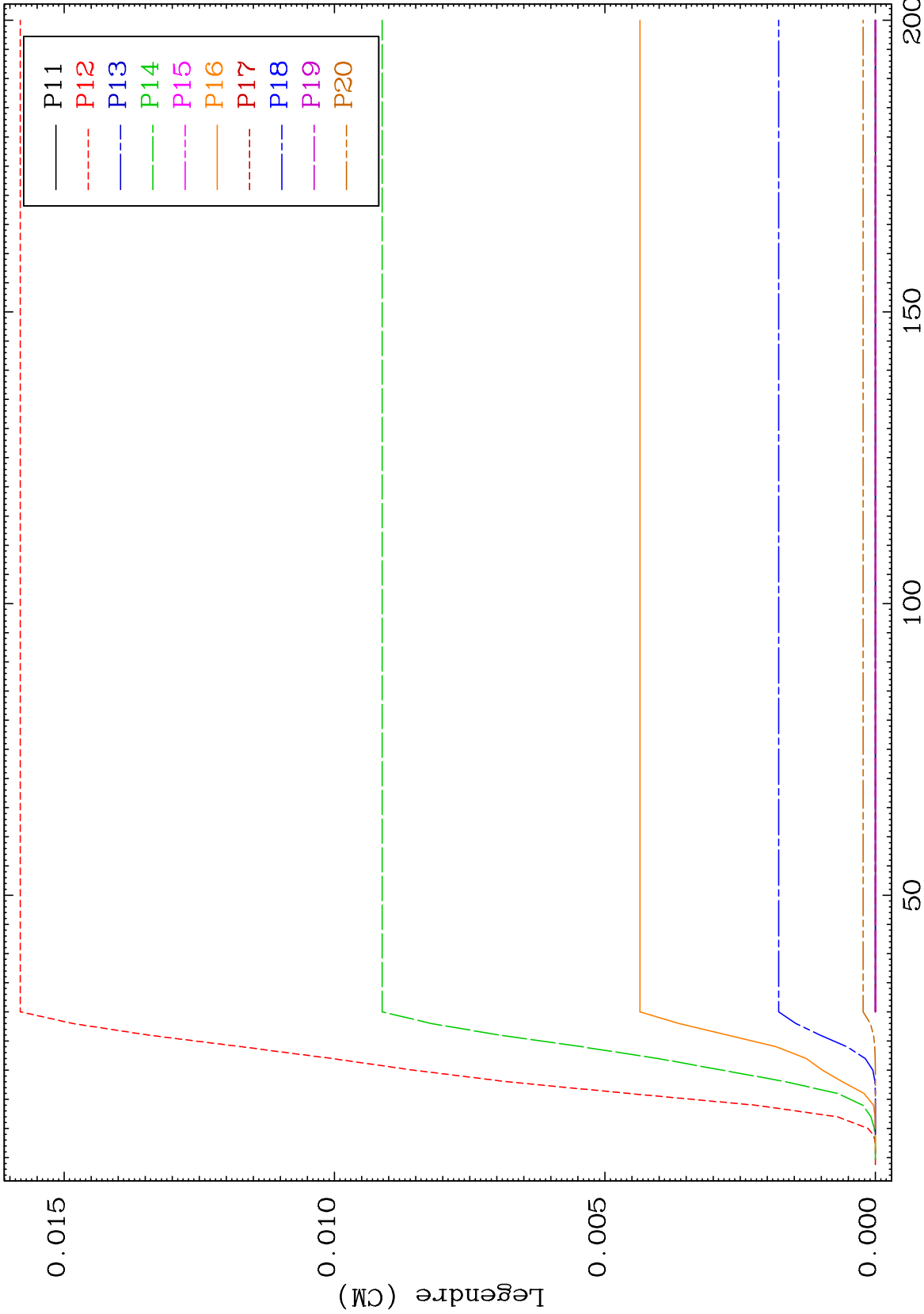
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



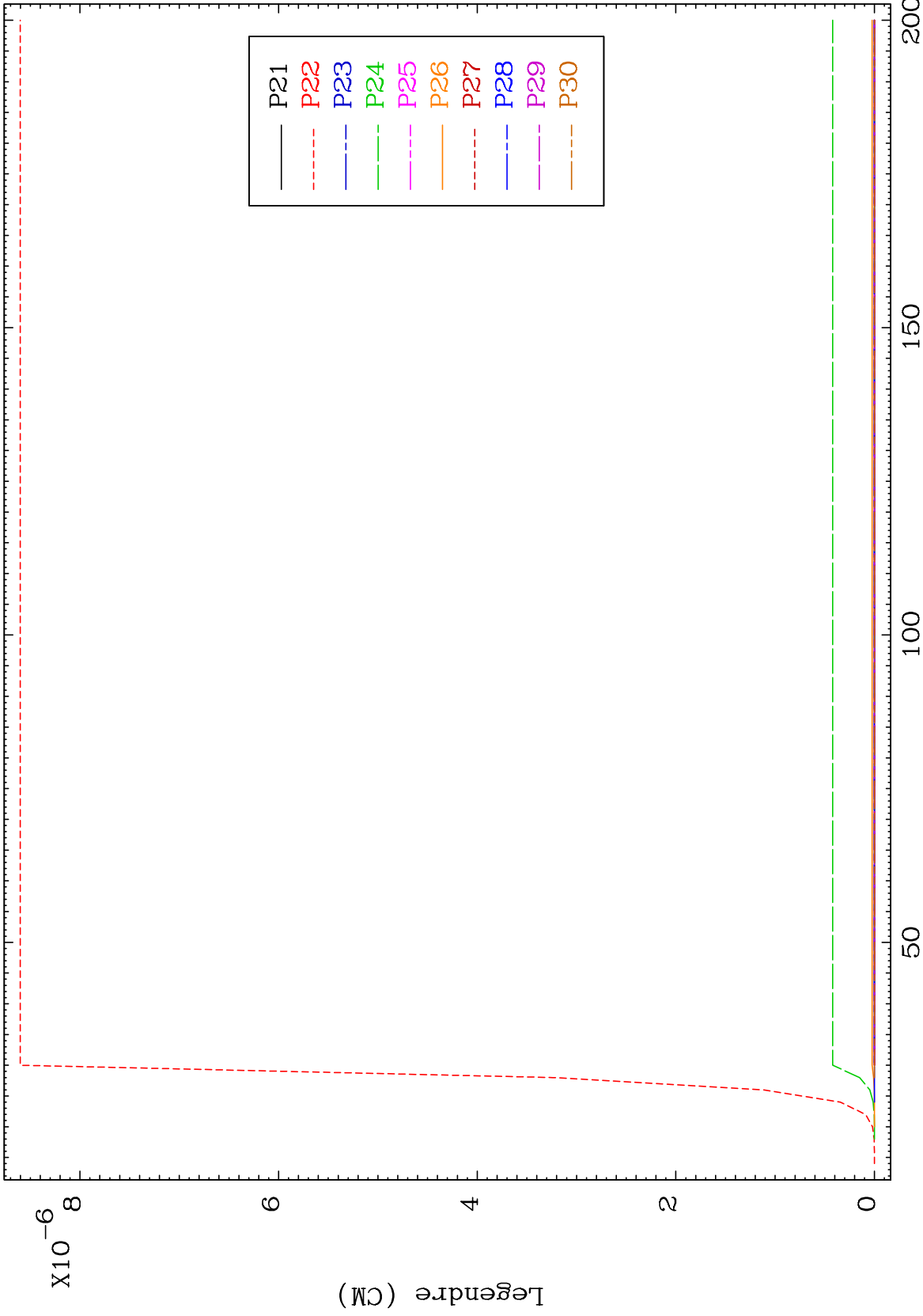
77

58-Ce-152

MAT 5873

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

58-Ce-152



78

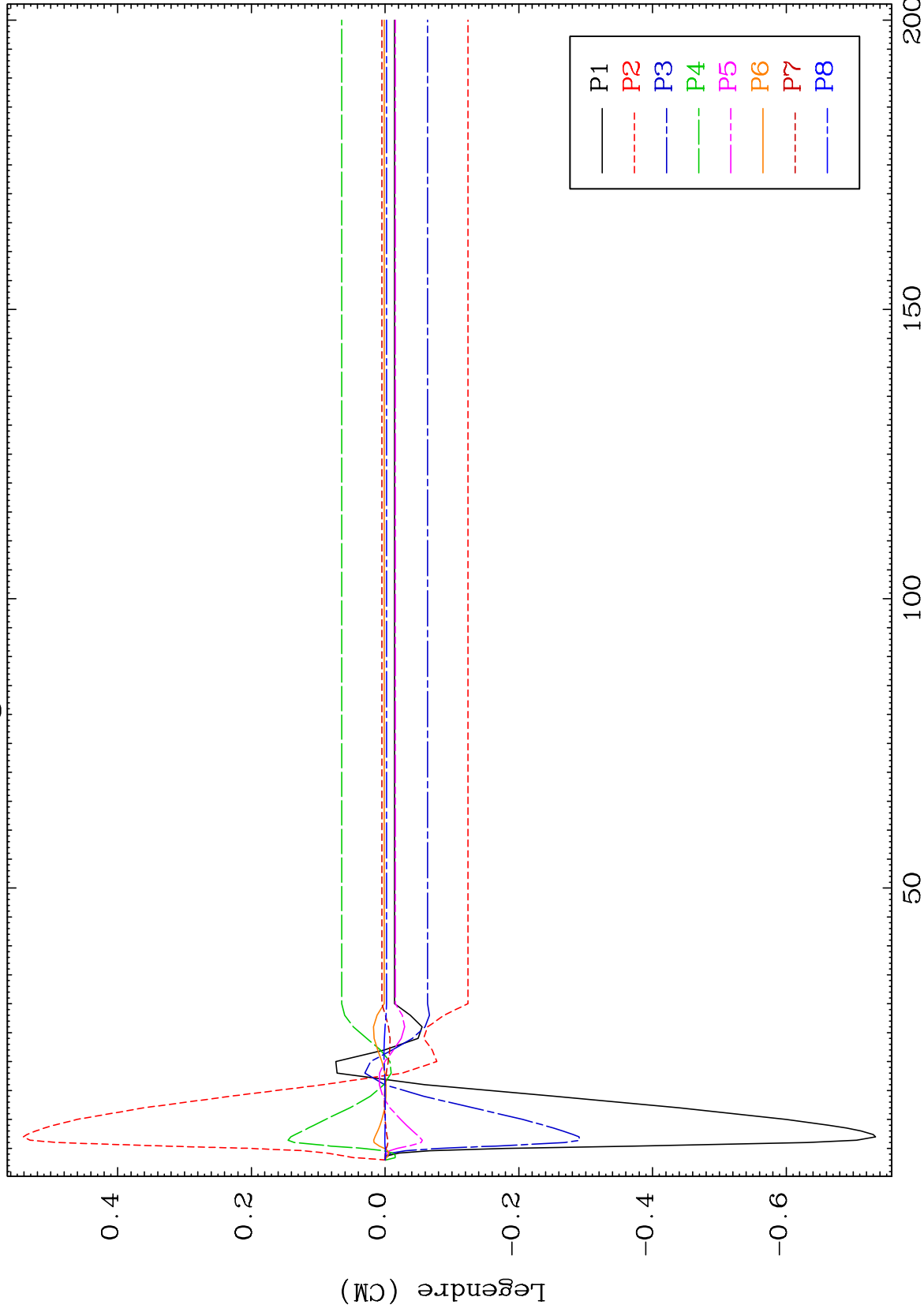
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



79

Incident Energy (MeV)

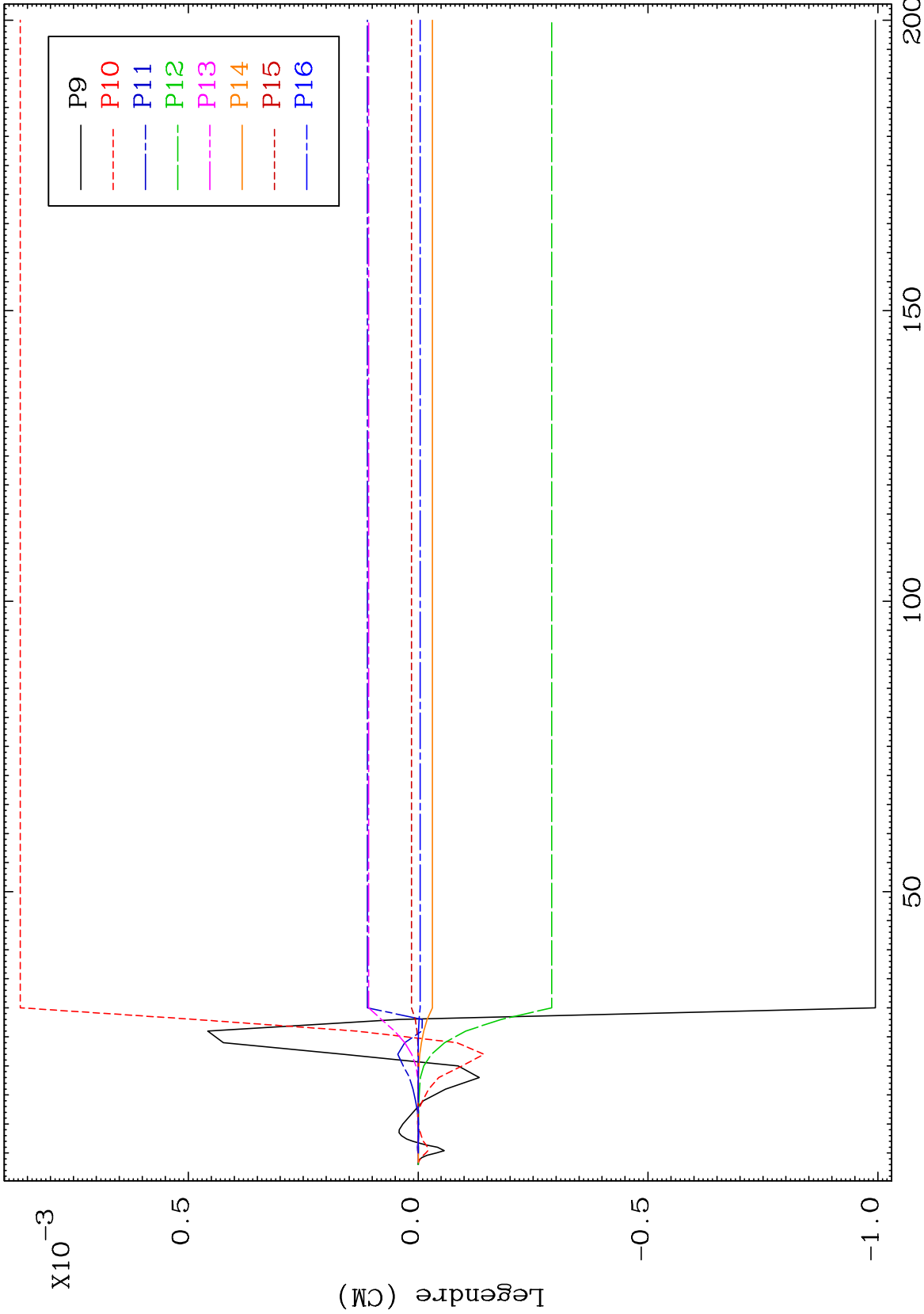
58-Ce-152



MAT 5873

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

58-Ce-152



80

Incident Energy (MeV)

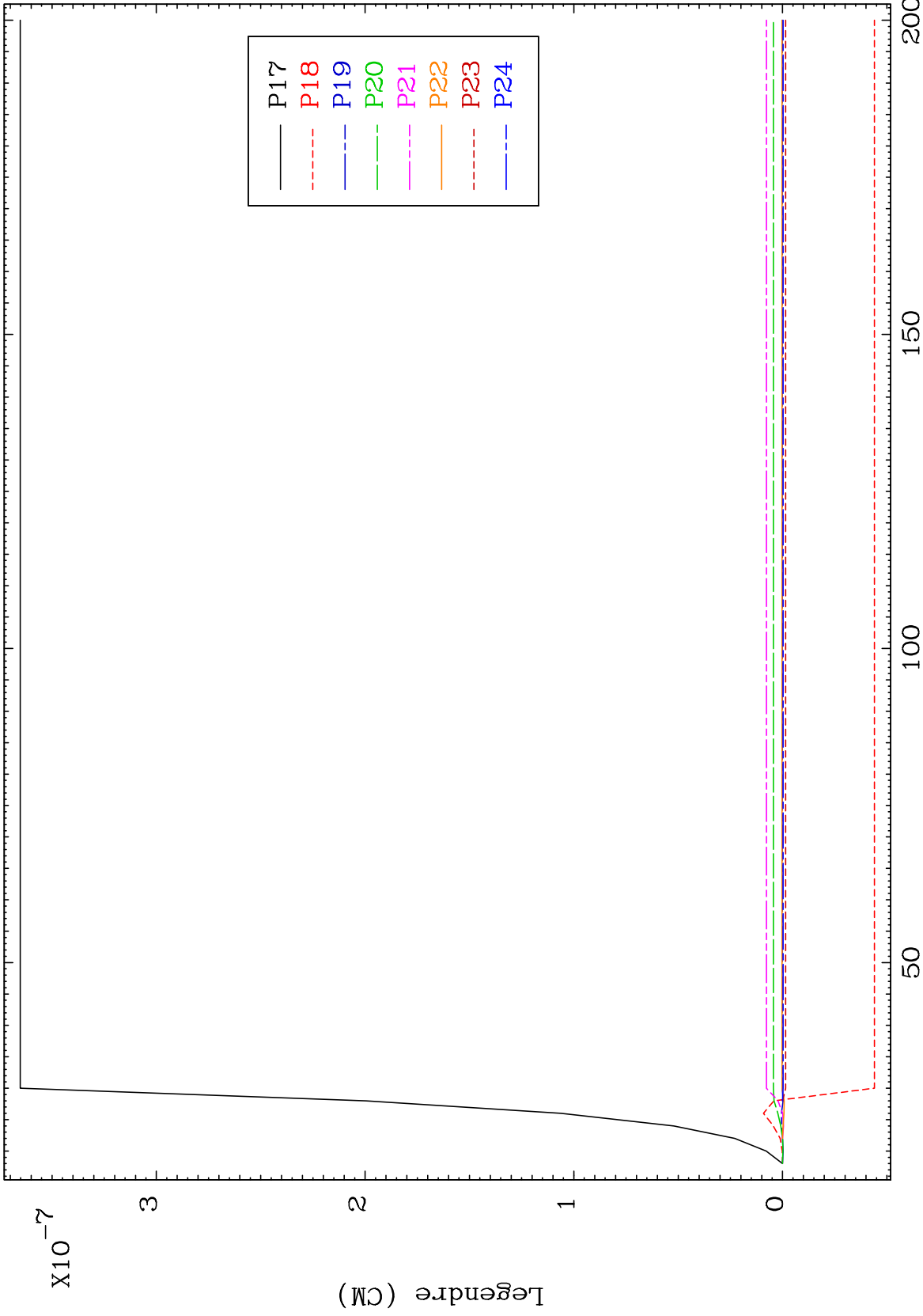
150

58-Ce-152

MAT 5873

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

58-Ce-152

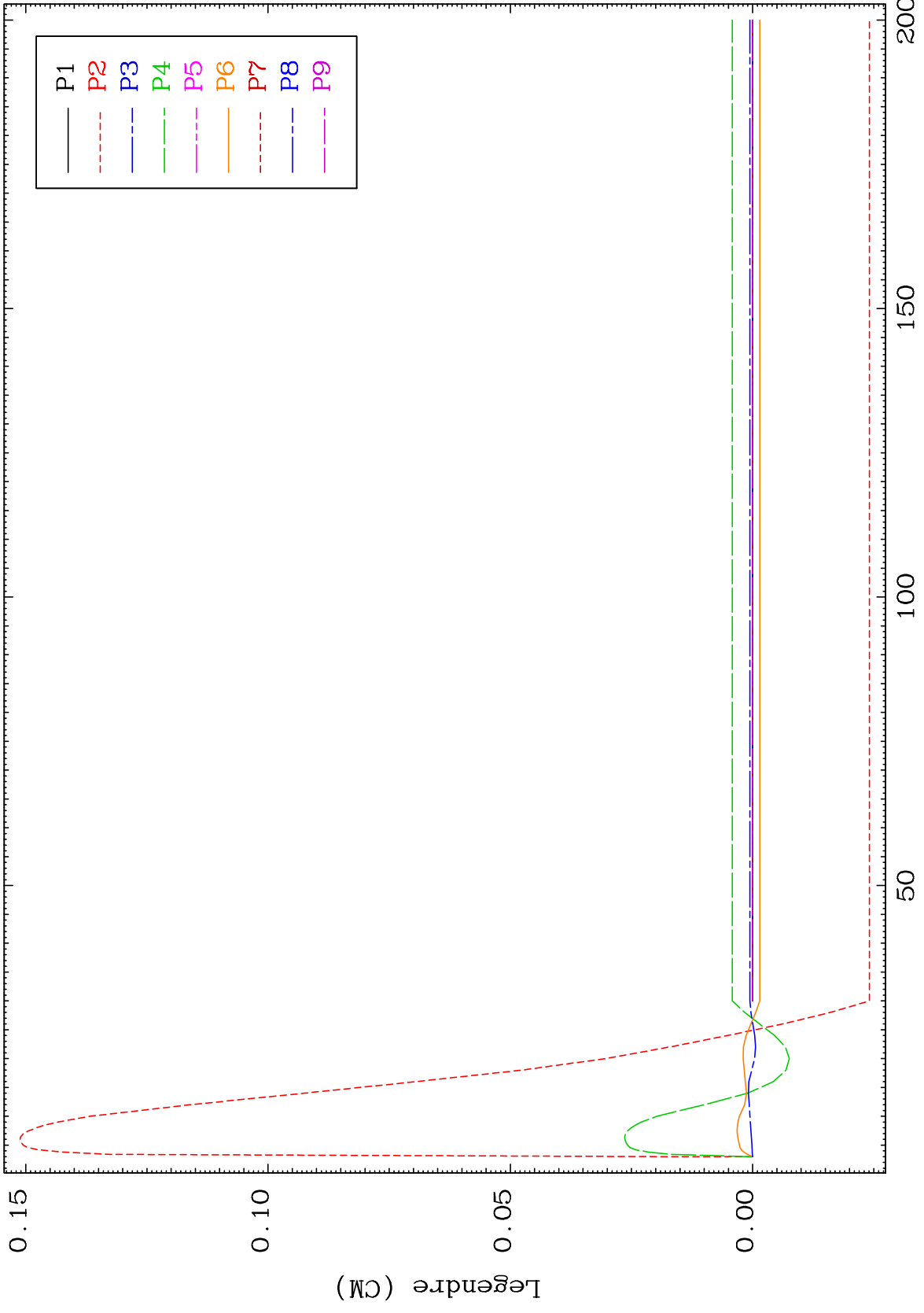


81

Incident Energy (MeV)

58-Ce-152

MAT 5873 MT= 70 (n,n') Level Legendre Coefficients 58-Ce-152



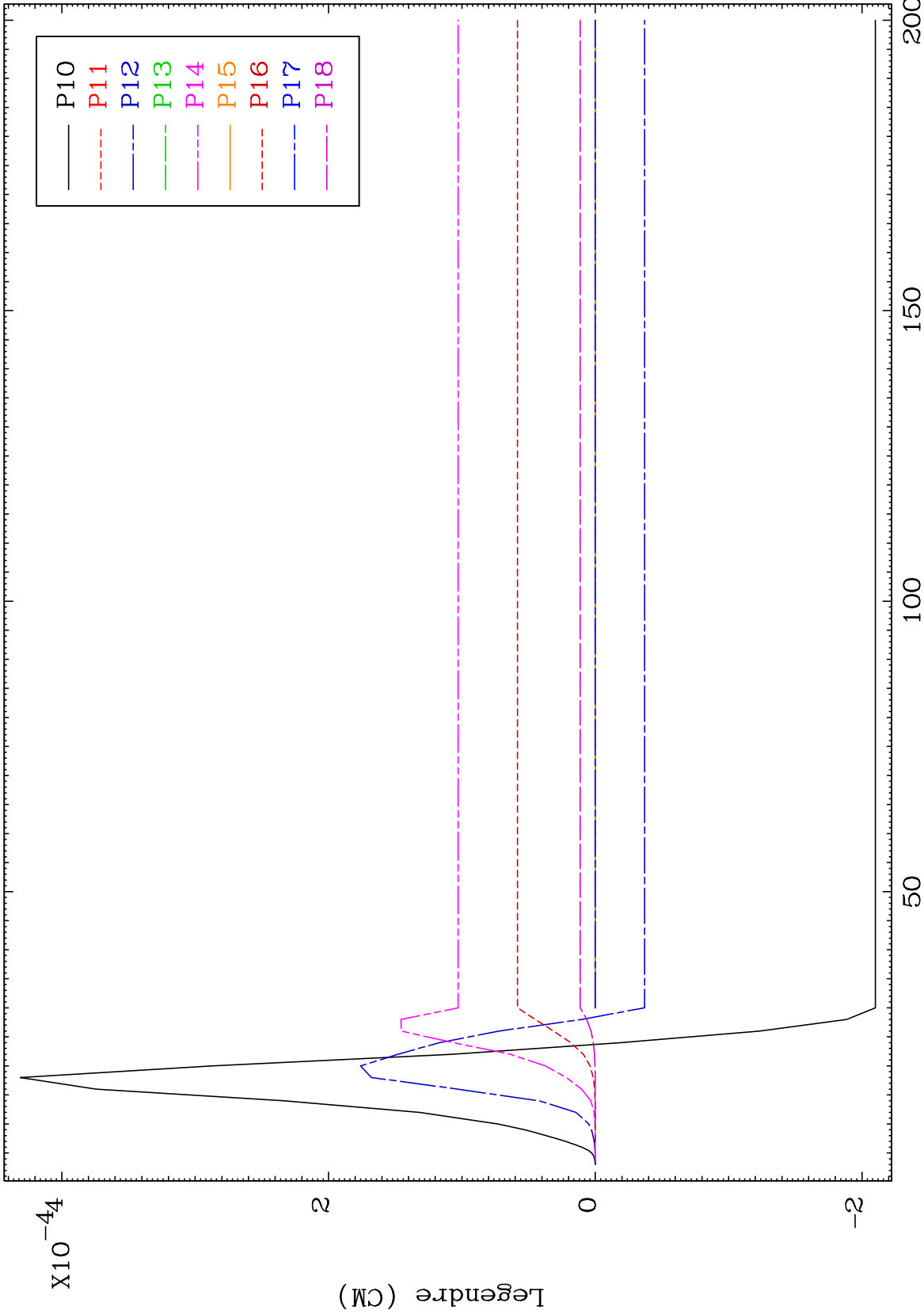
82

58-Ce-152

MAT 5873

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

58-Ce-152



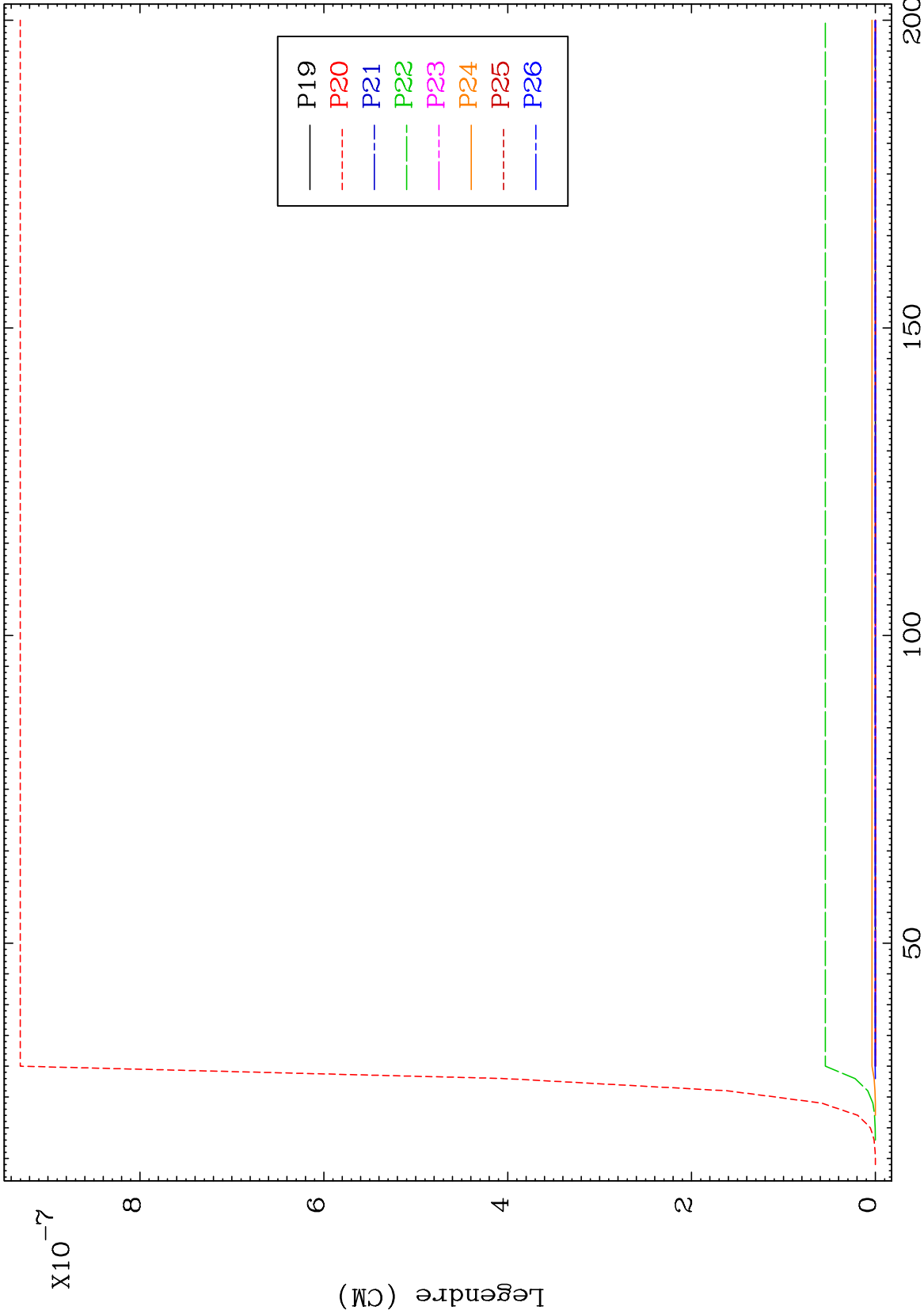
83

58-Ce-152

MAT 5873

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

58-Ce-152



84

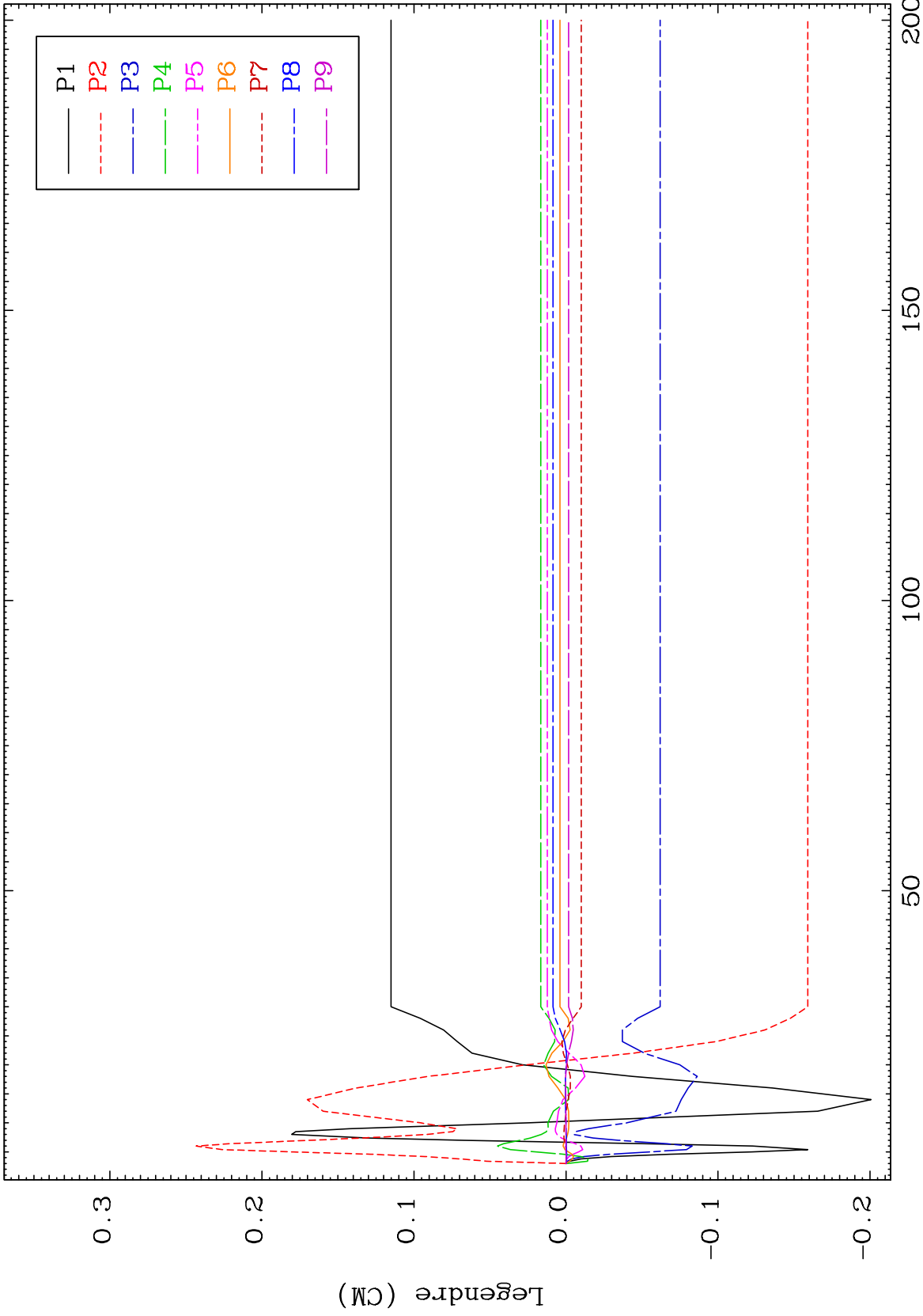
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



85

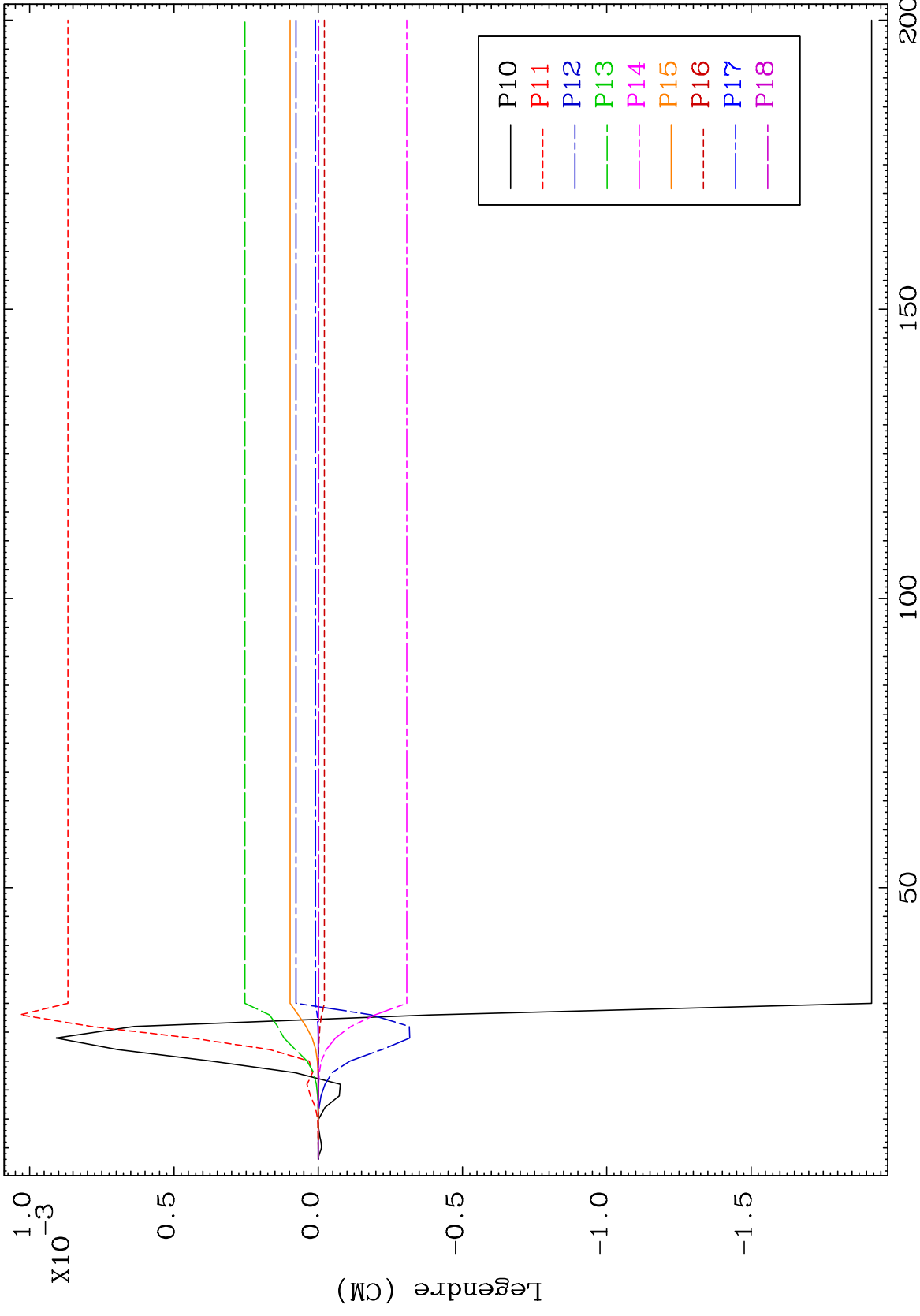
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



86

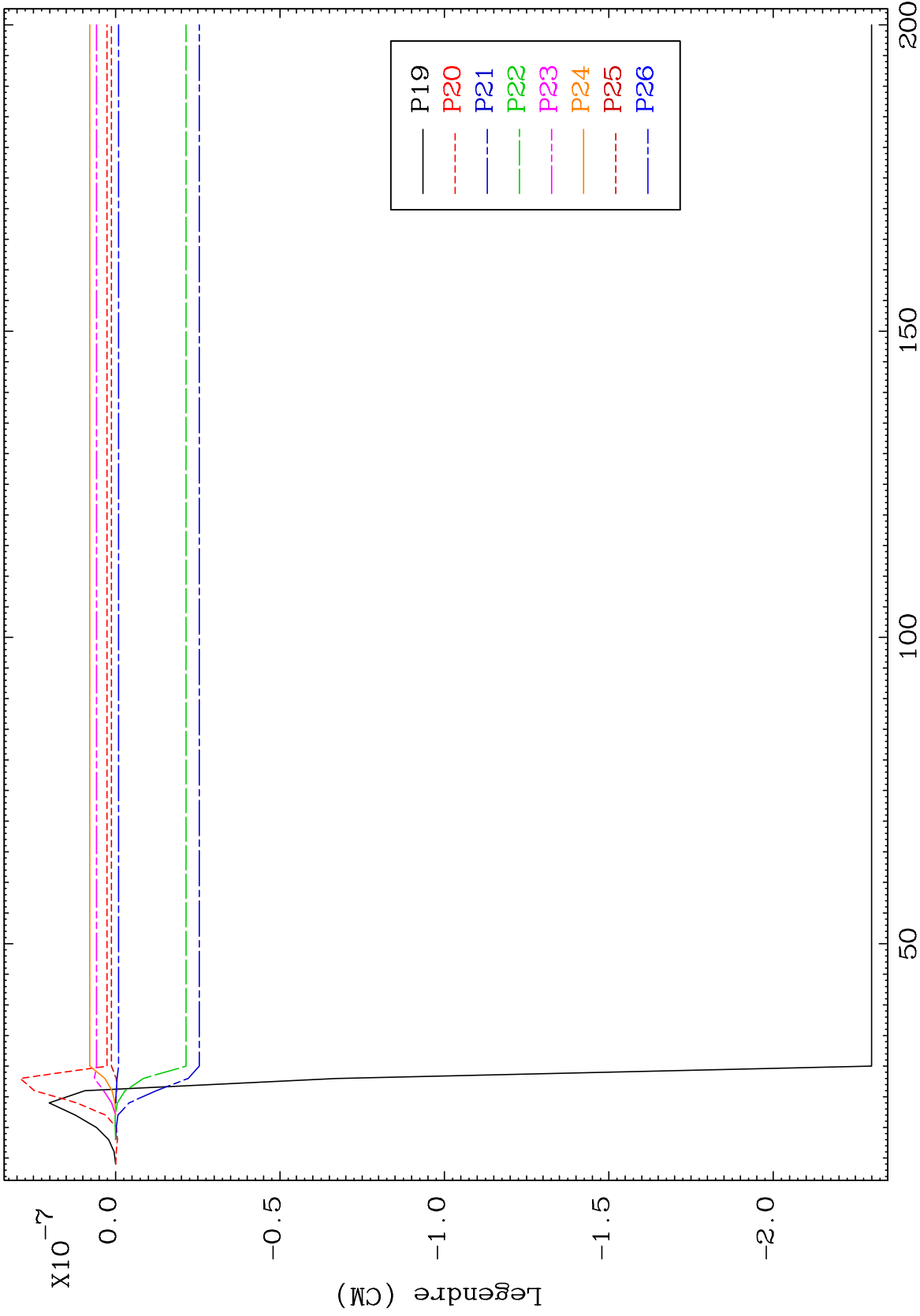
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



87

Incident Energy (MeV)

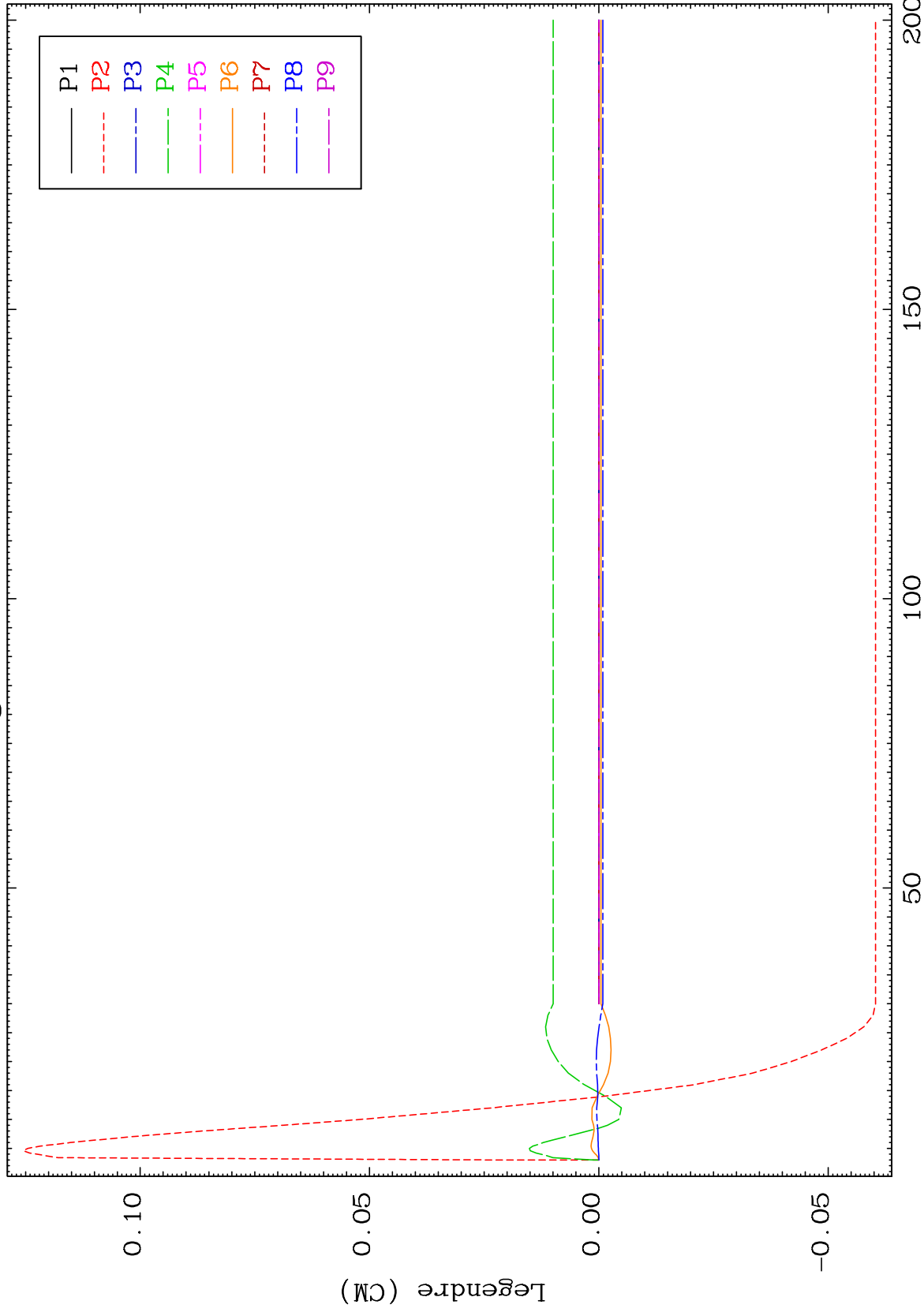
58-Ce-152



MAT 5873

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

58-Ce-152



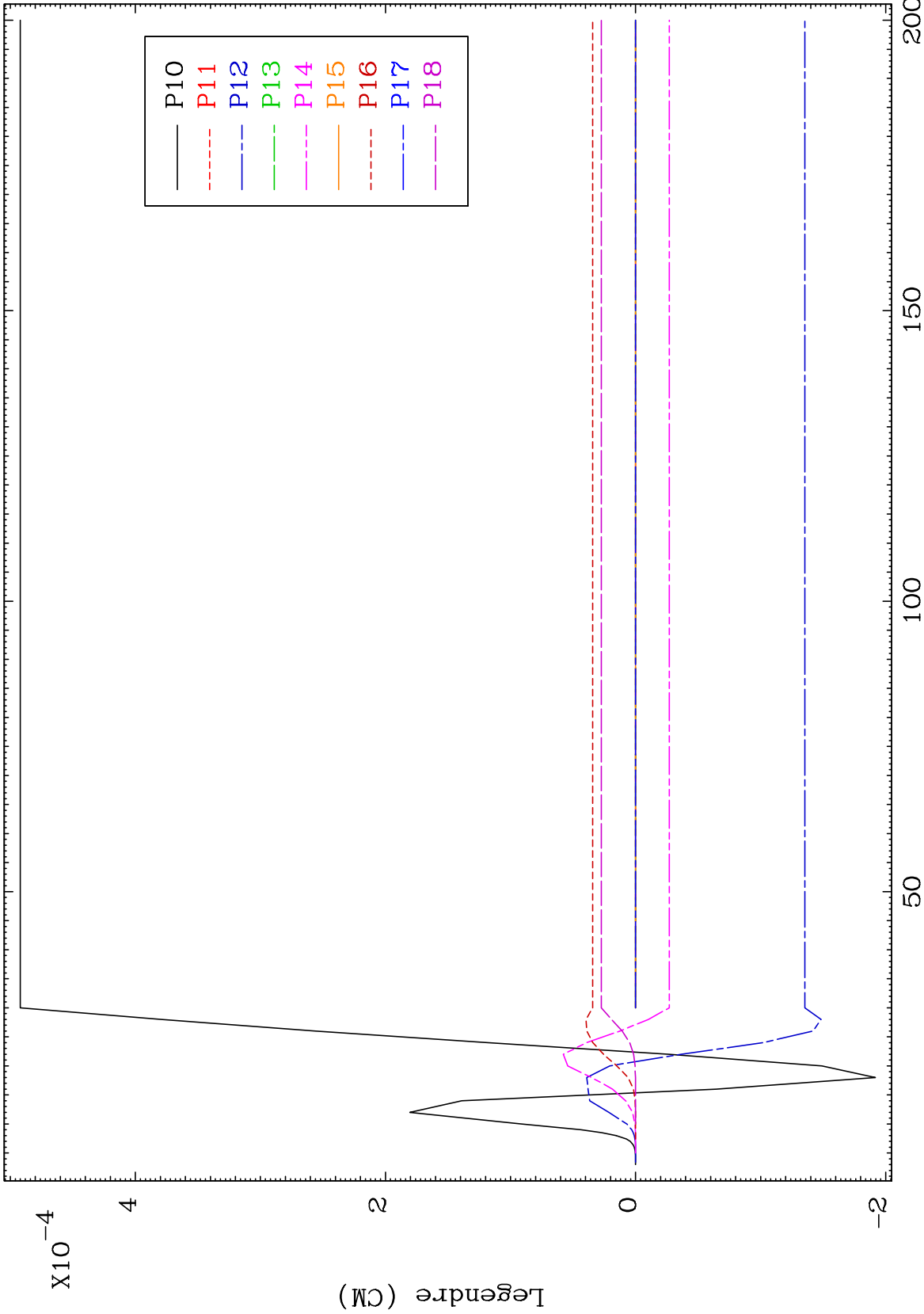
88

58-Ce-152

MAT 5873

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

58-Ce-152



89

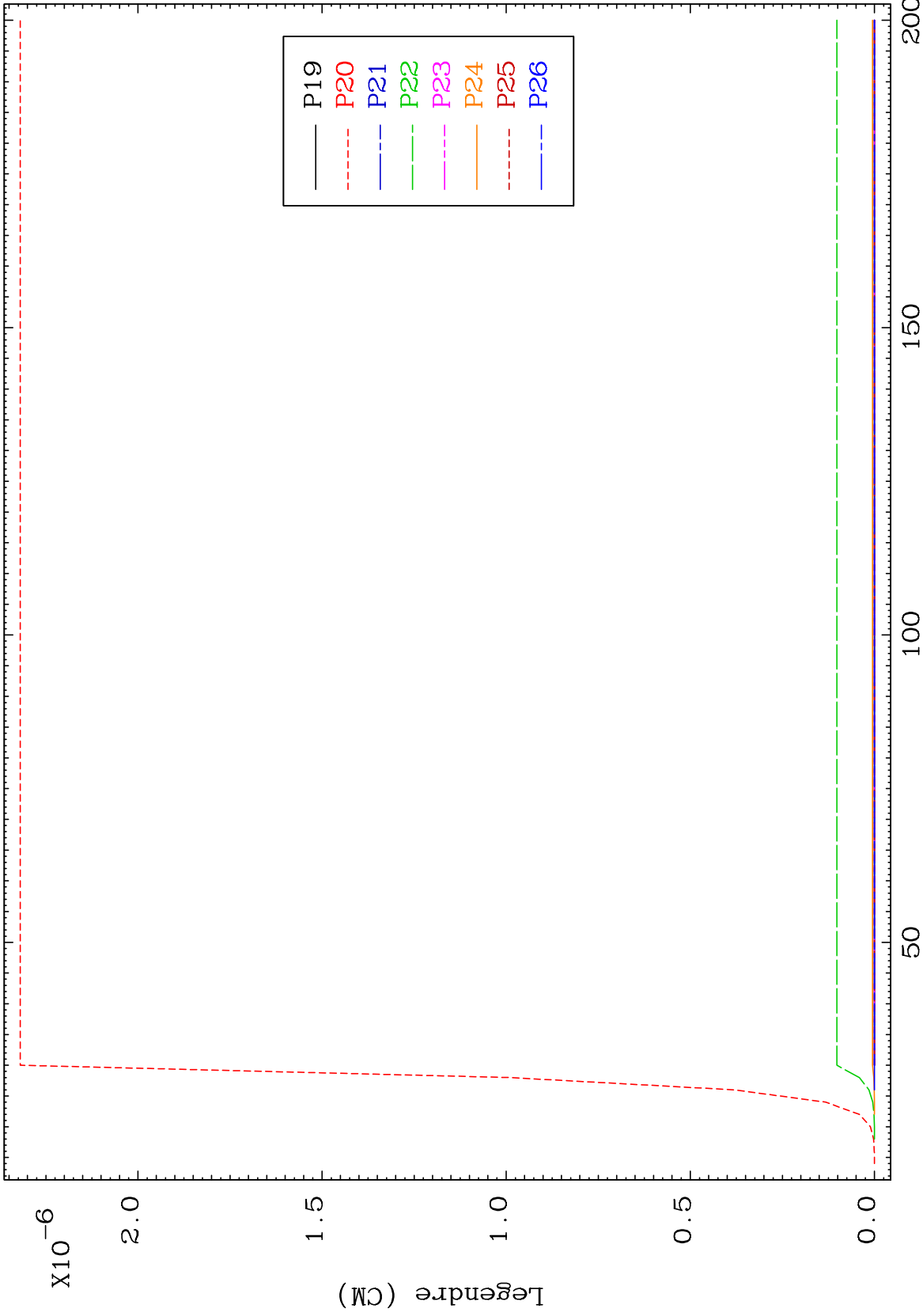
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



90

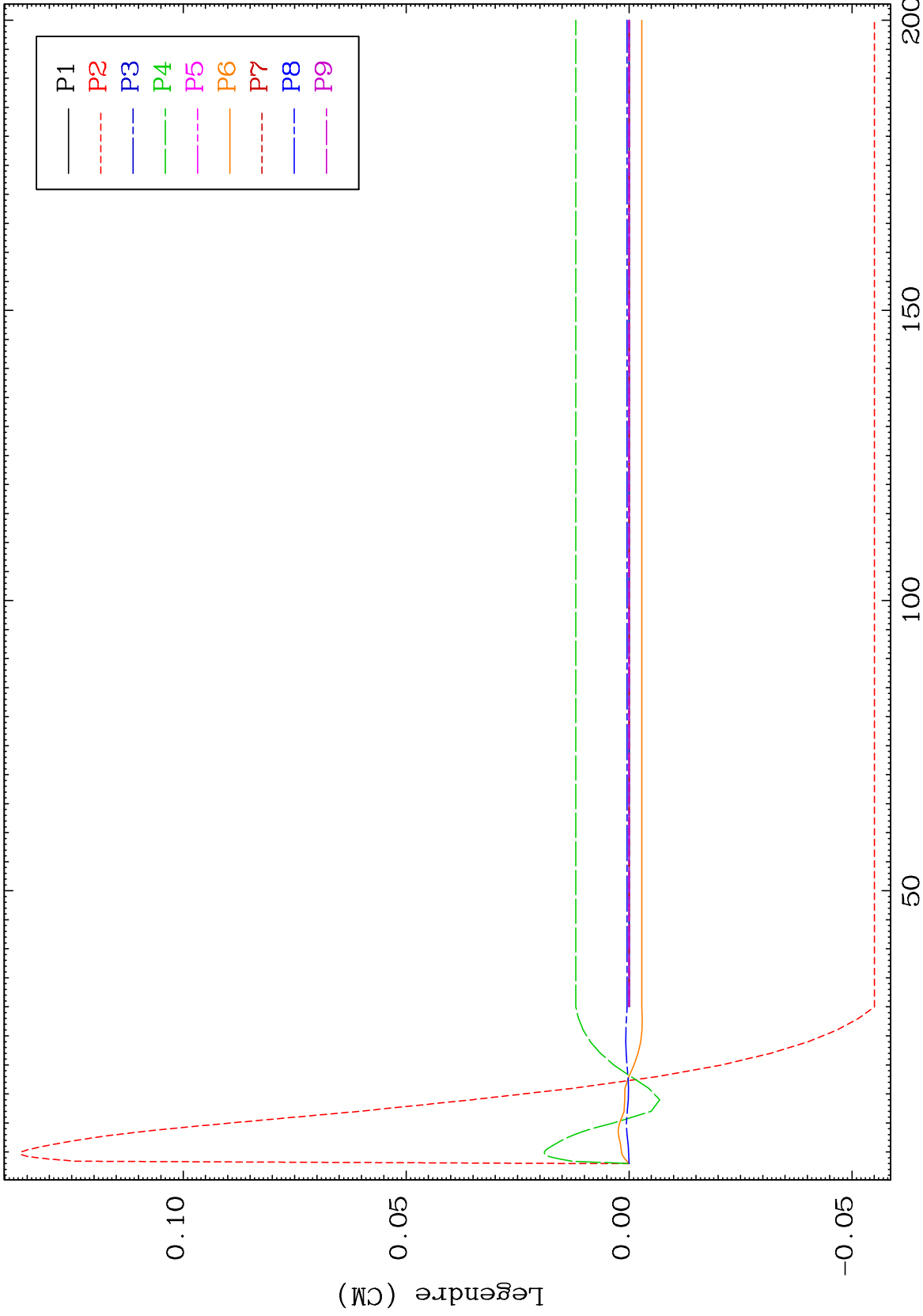
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



91

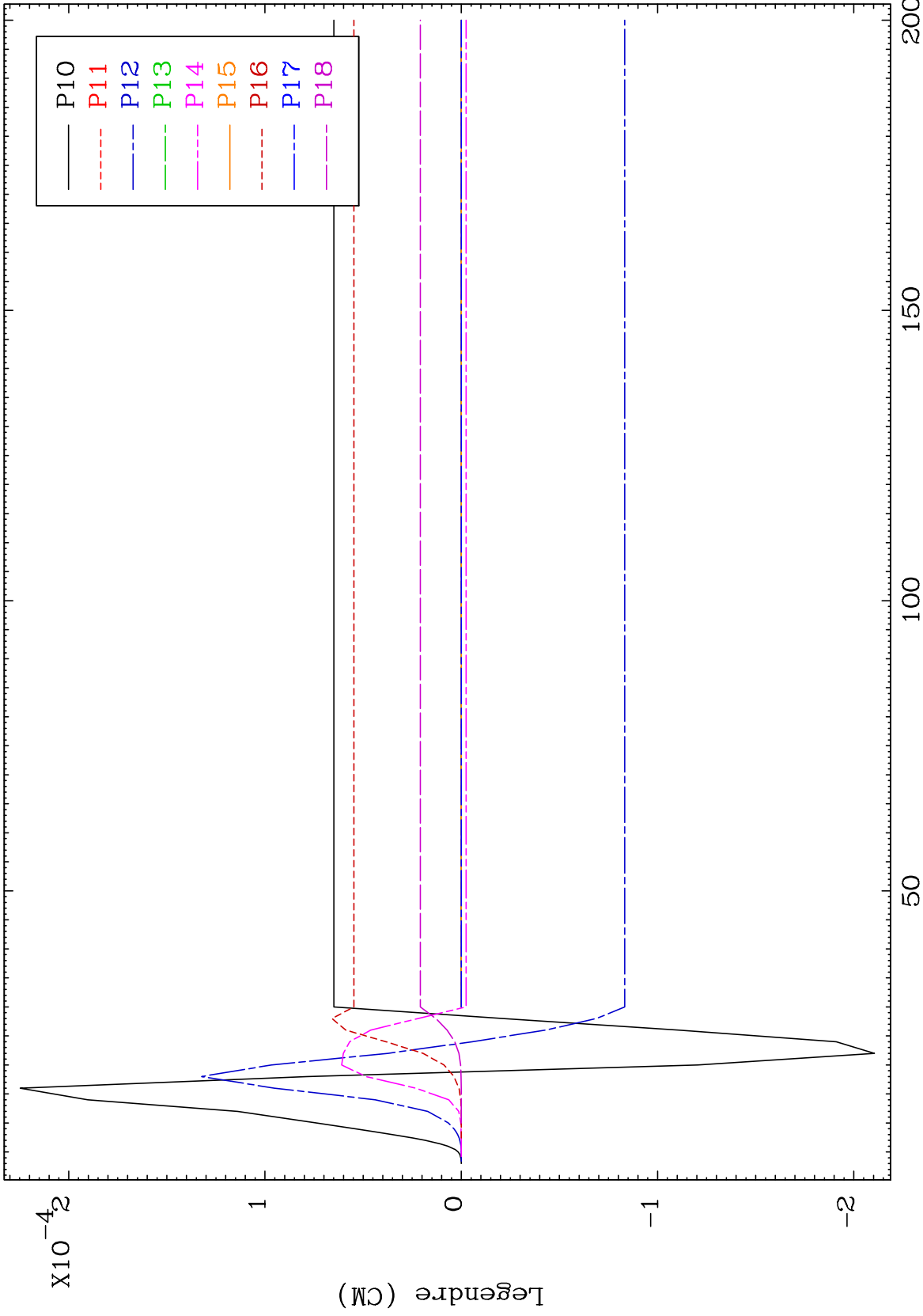
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



92

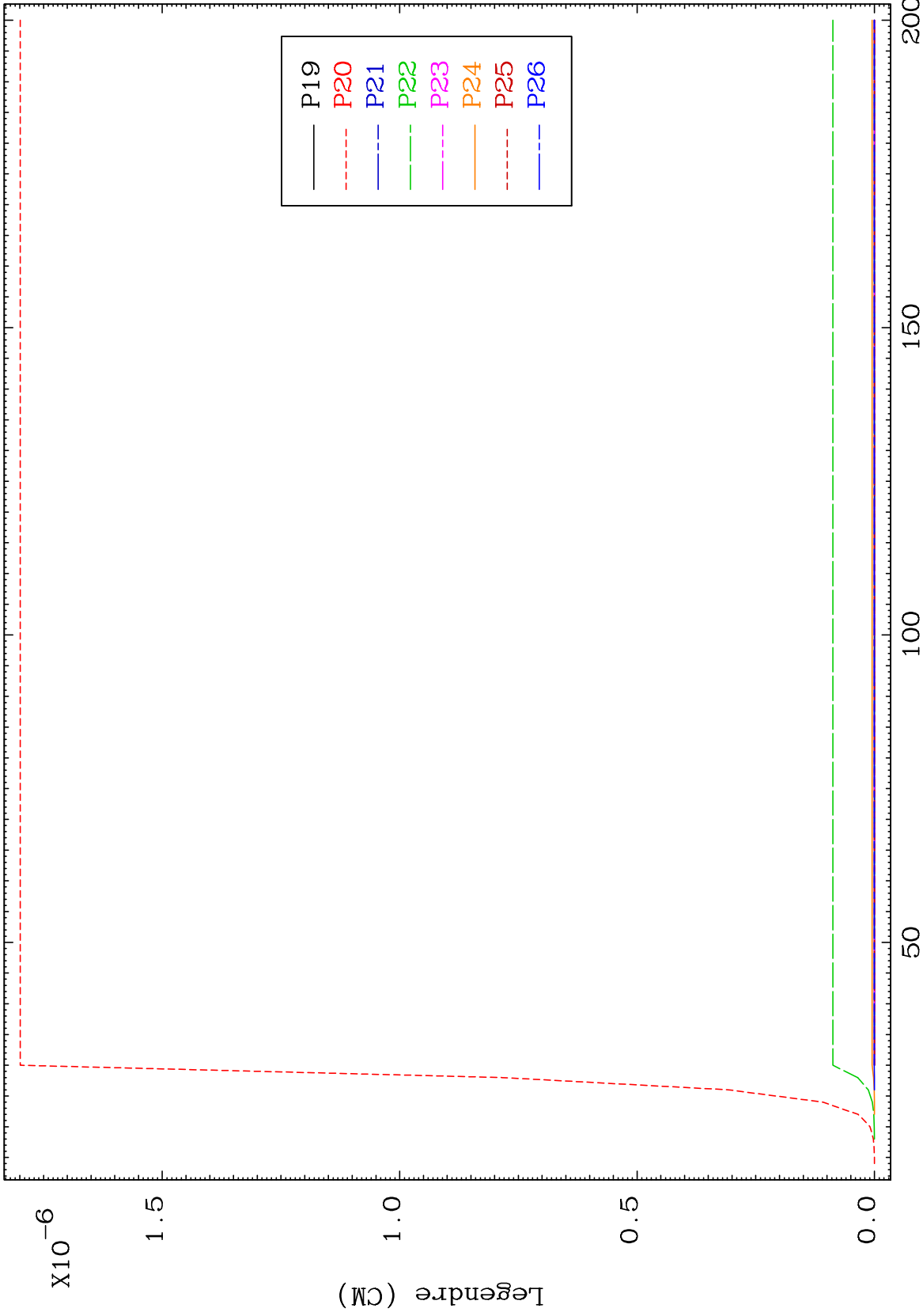
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



93

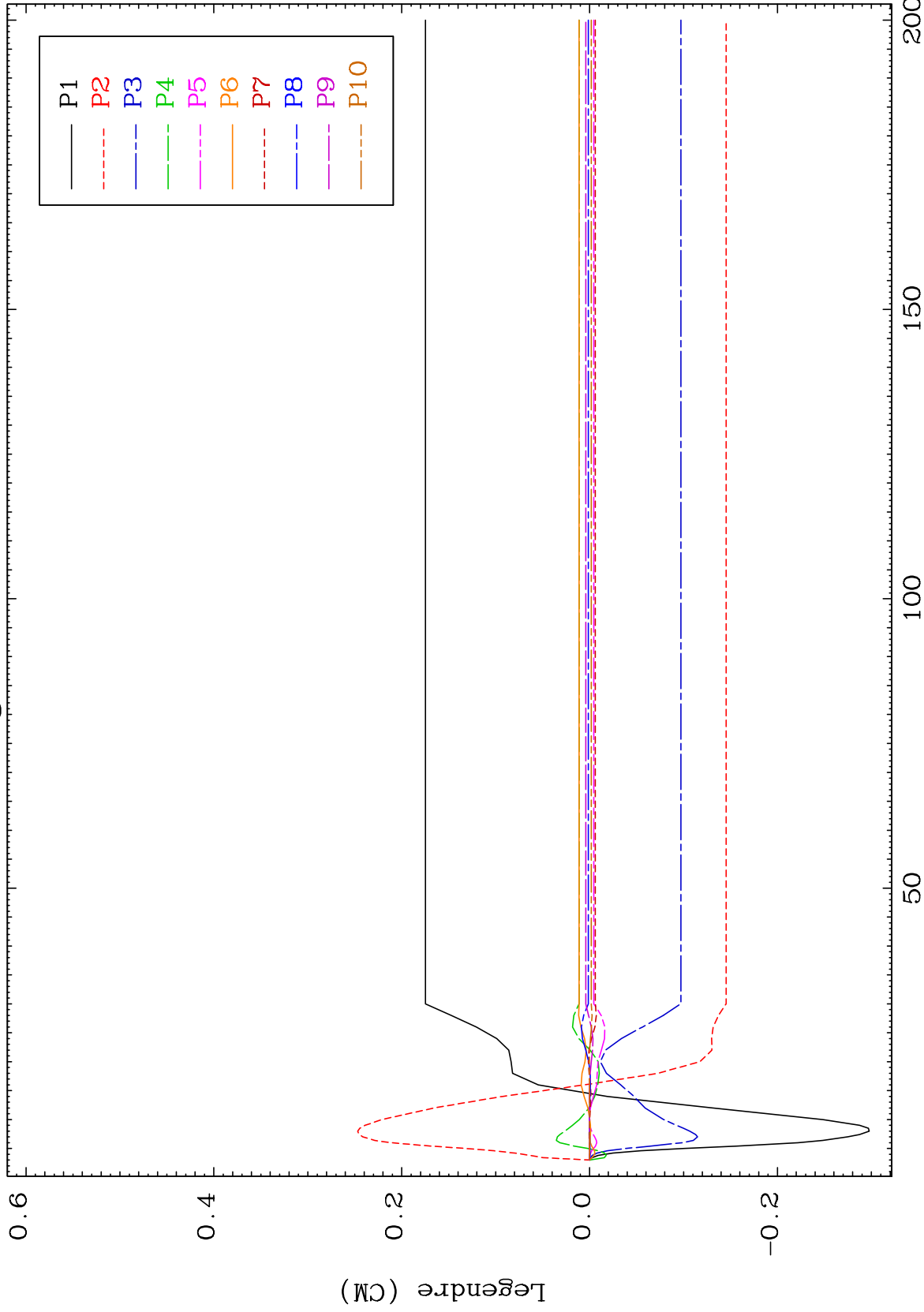
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



94

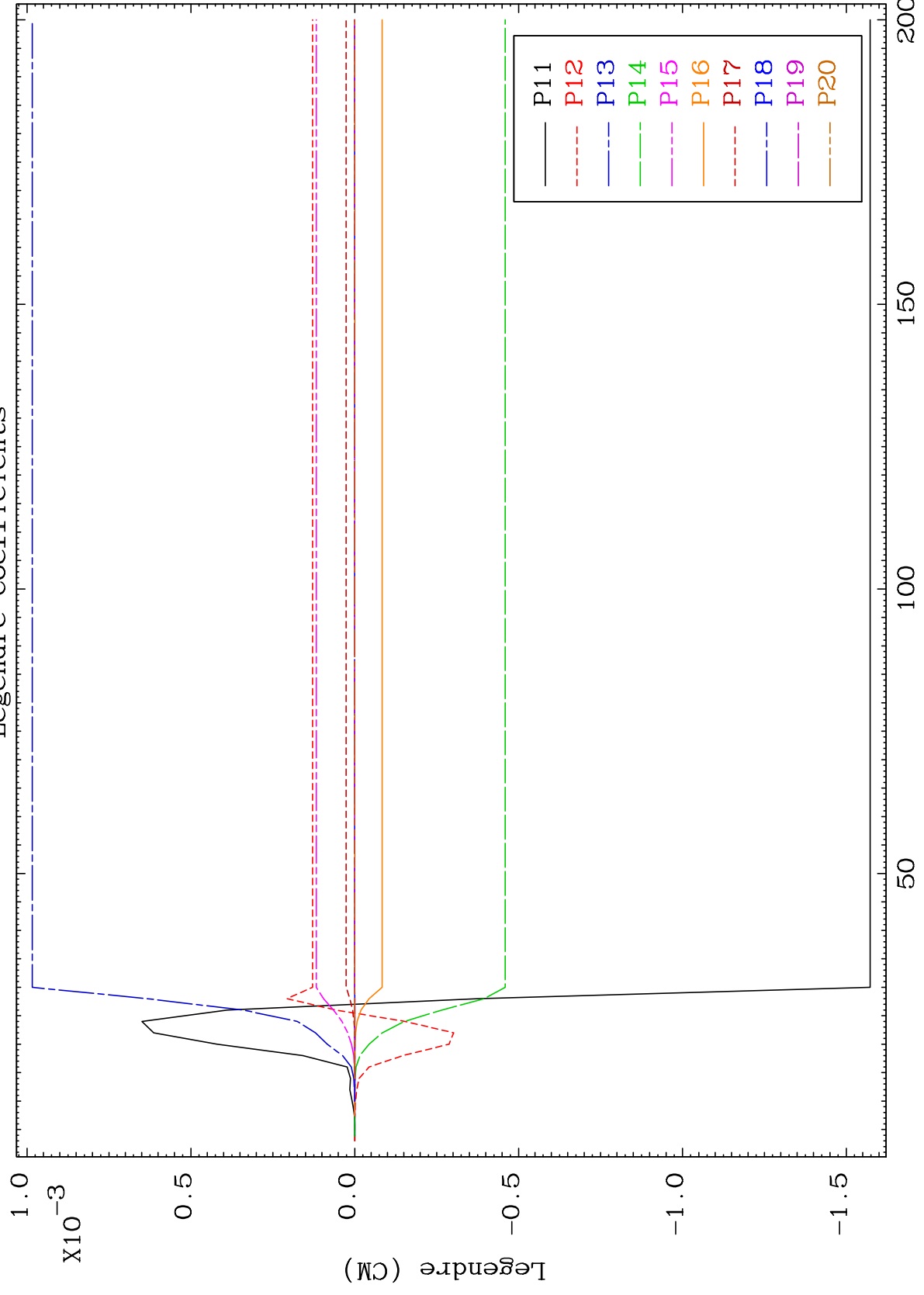
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



95

Incident Energy (MeV)

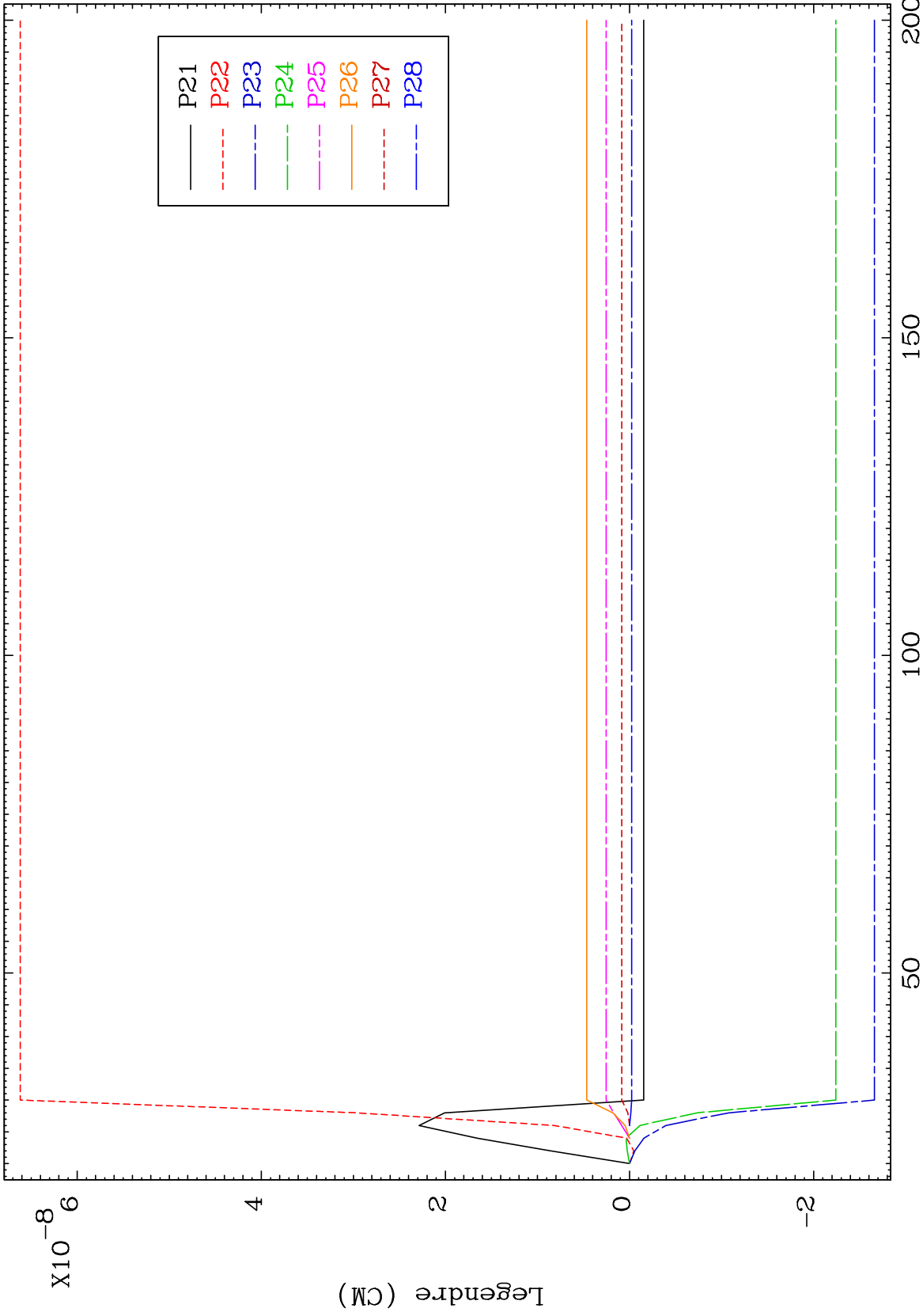
58-Ce-152



MAT 5873

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

58-Ce-152

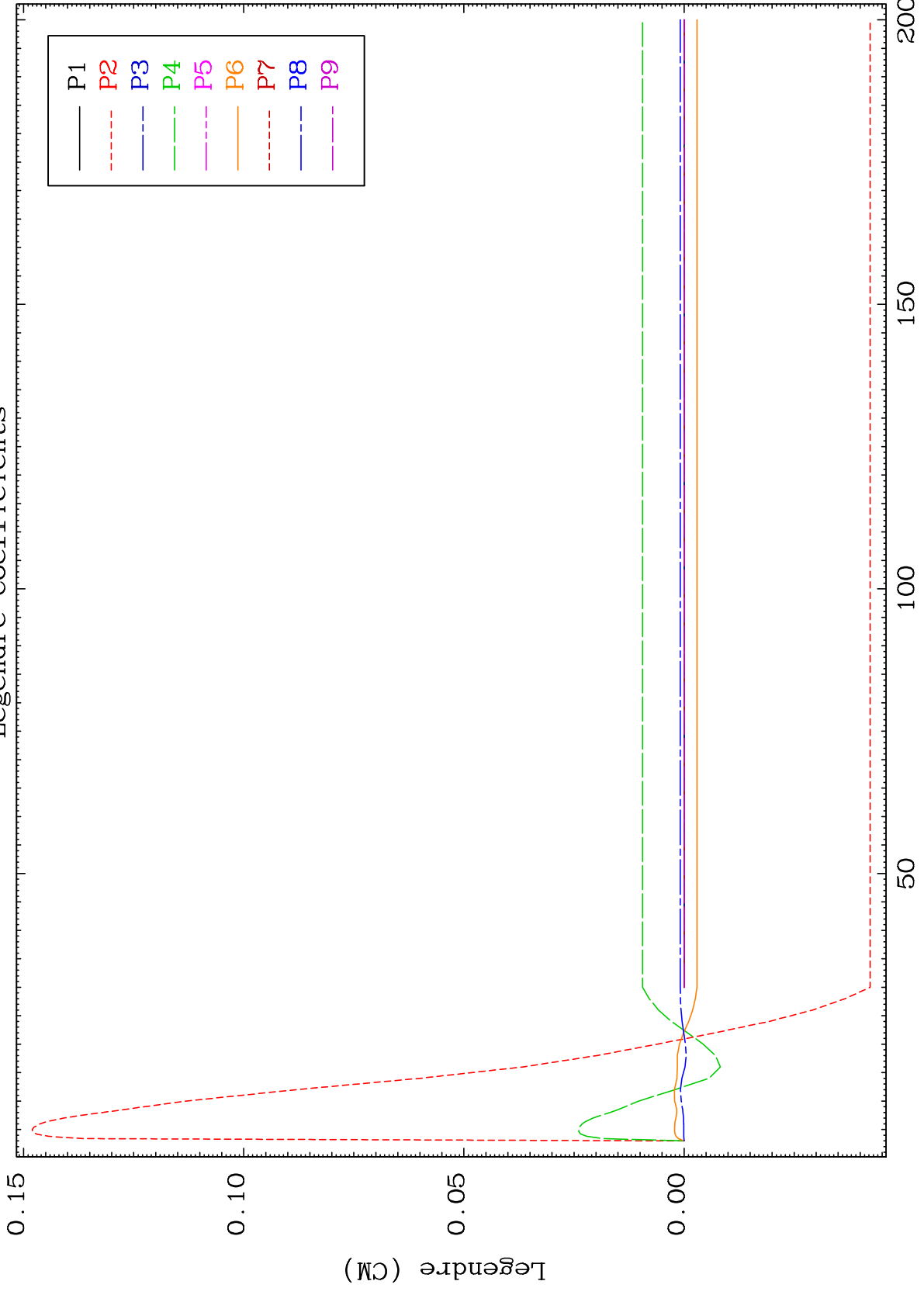


96

Incident Energy (MeV)

58-Ce-152

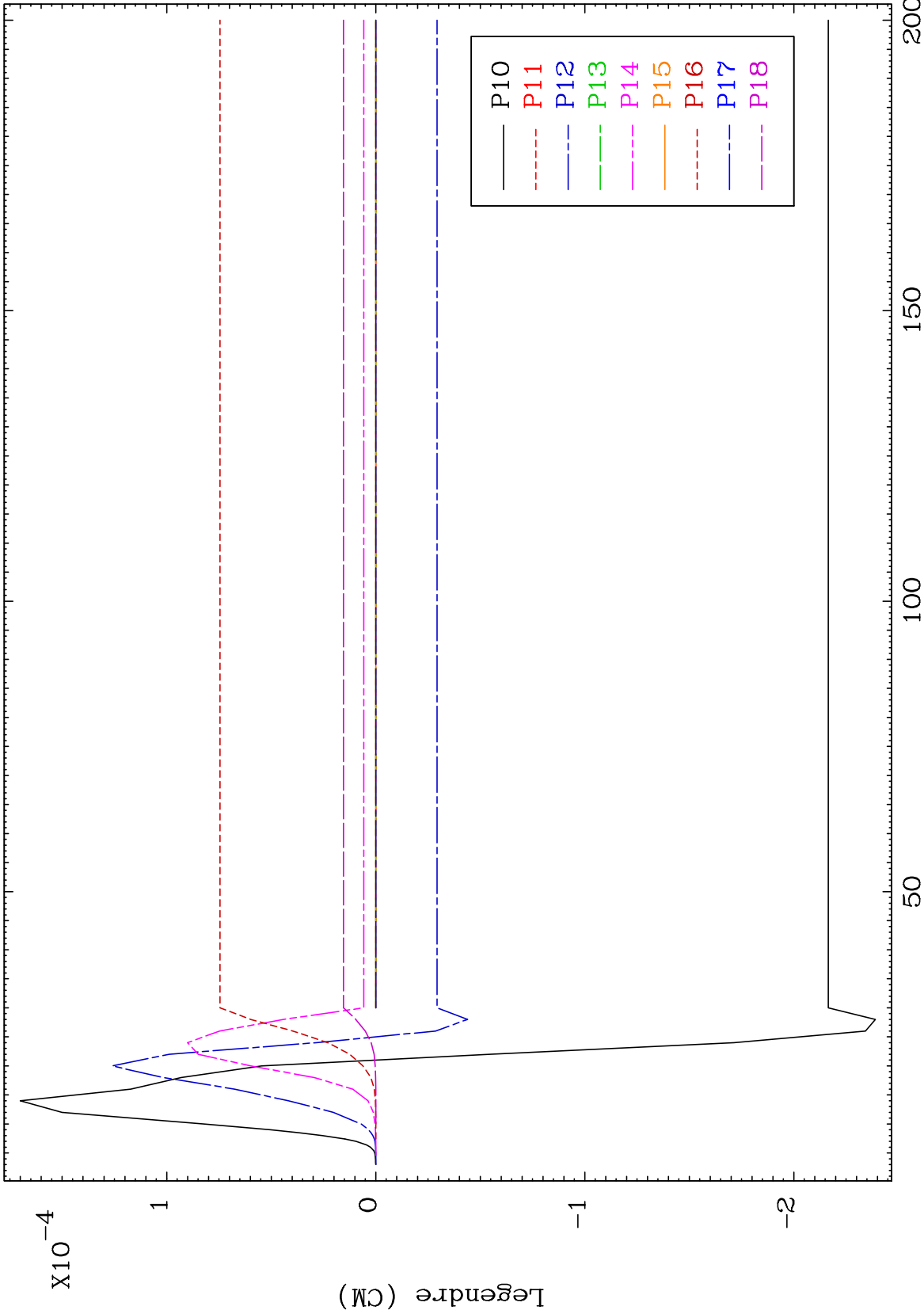
MAT 5873 MT= 75 (n,n') Level Legendre Coefficients 58-Ce-152



MAT 5873

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

58-Ce-152



98

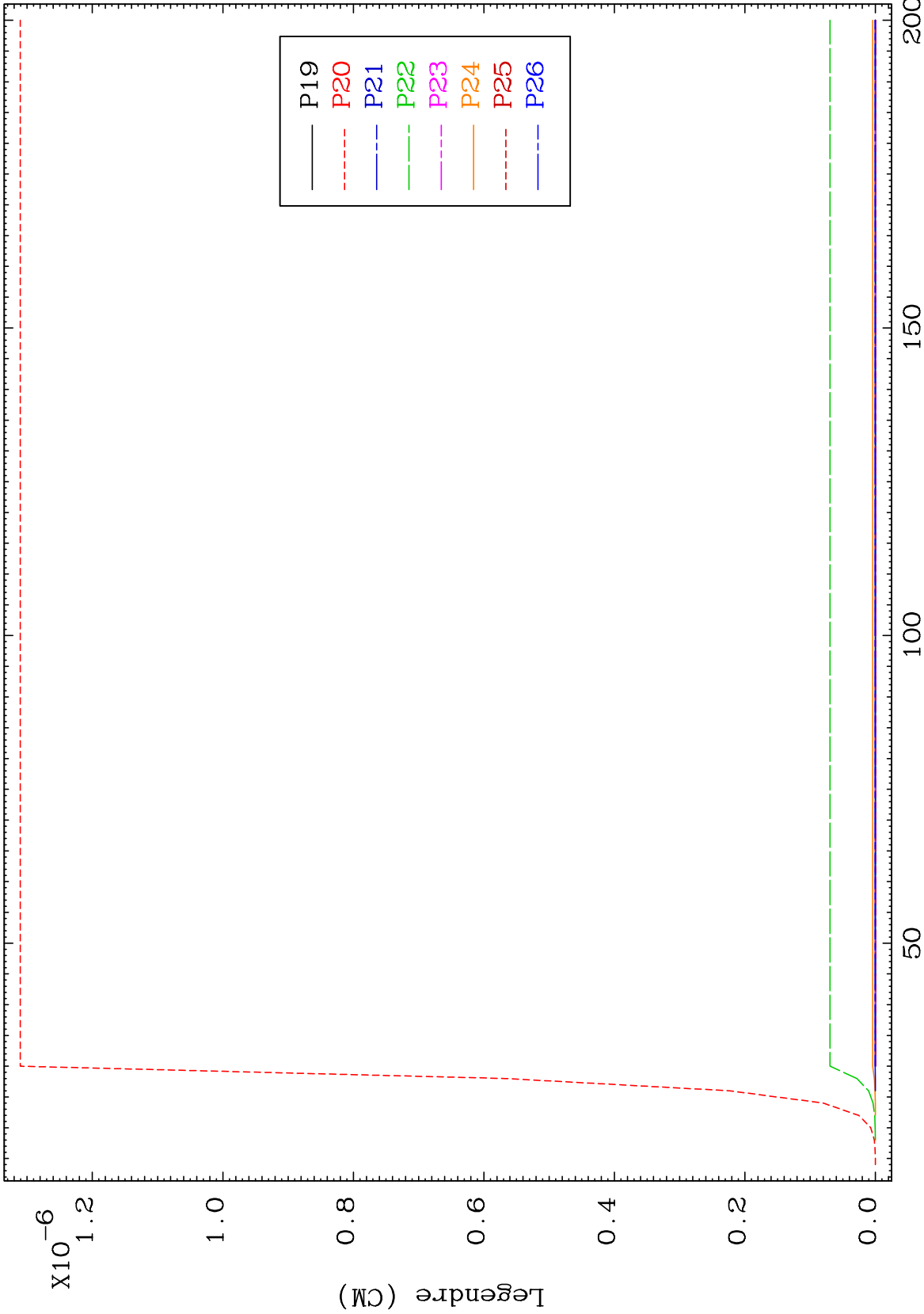
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



99

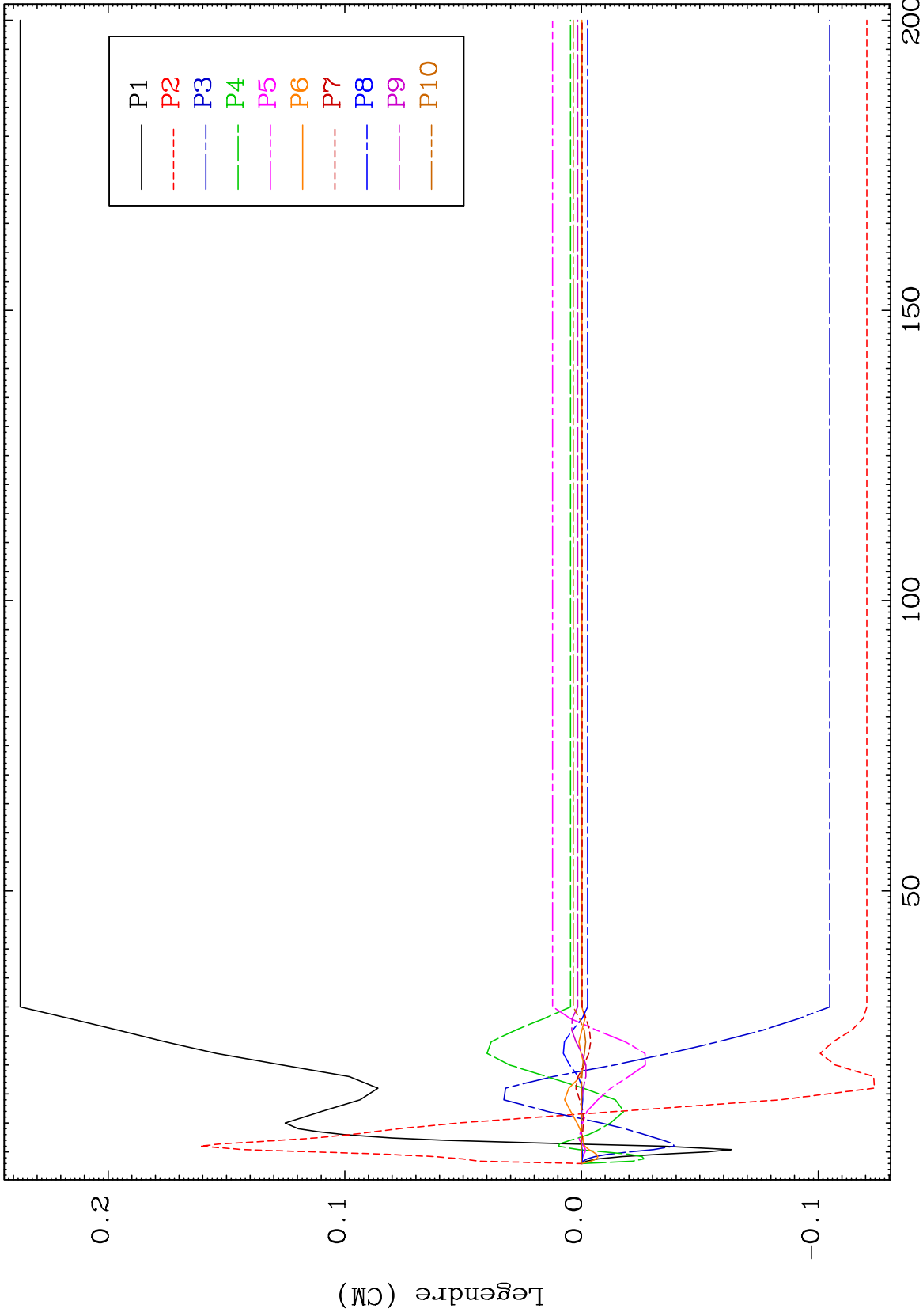
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



58-Ce-152

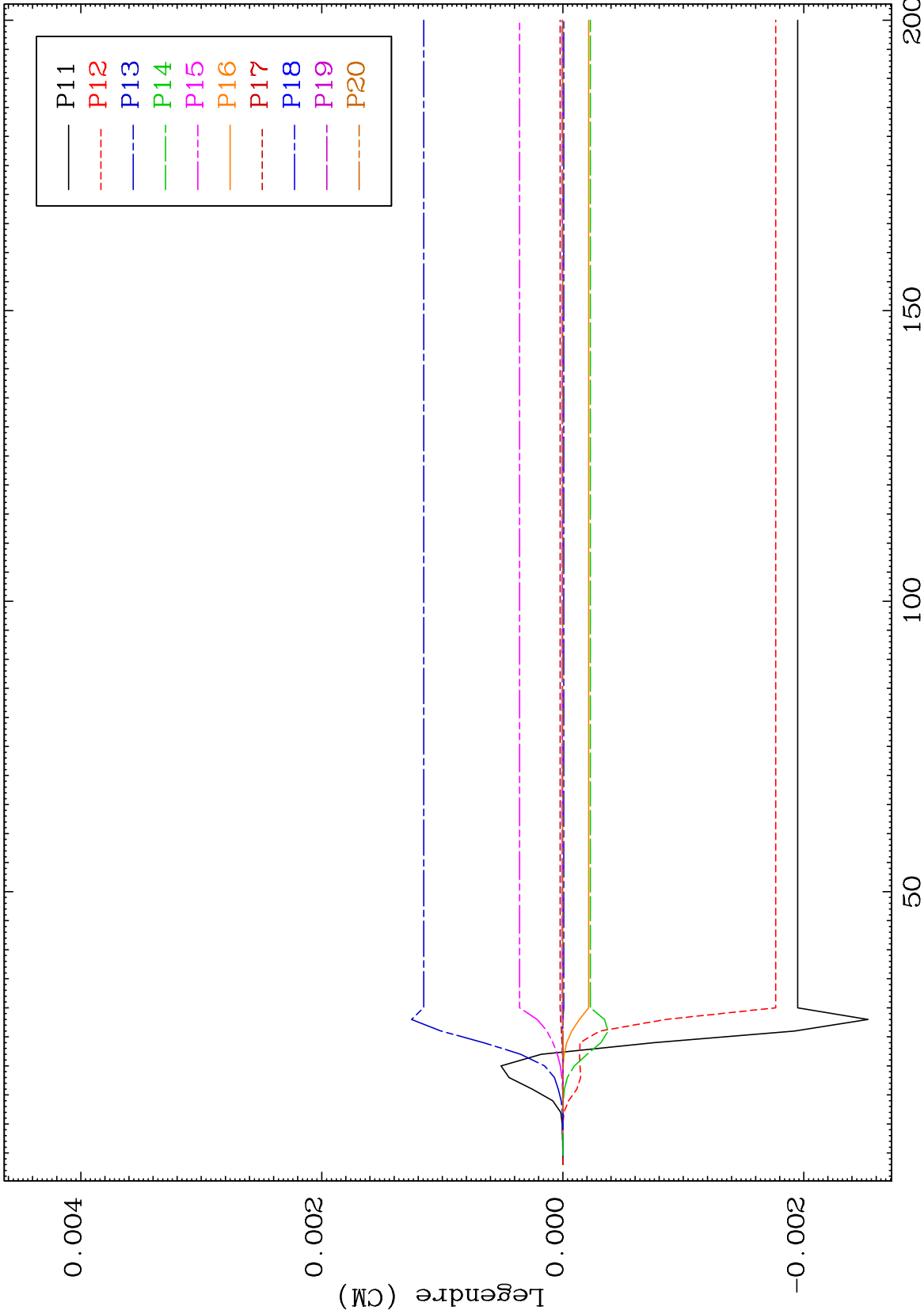
Incident Energy (MeV)

Legendre (CM)

MAT 5873

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

58-Ce-152



101

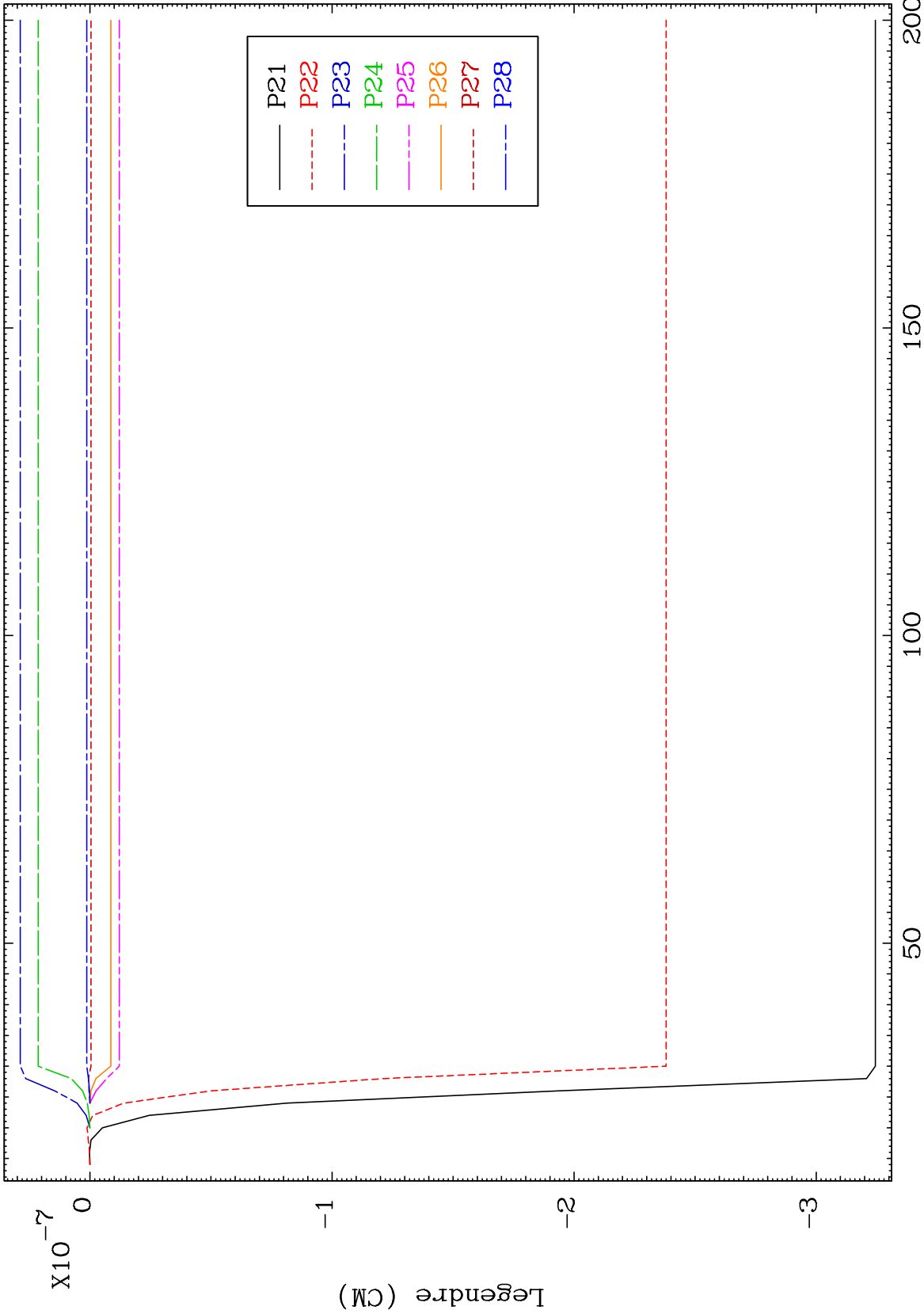
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152

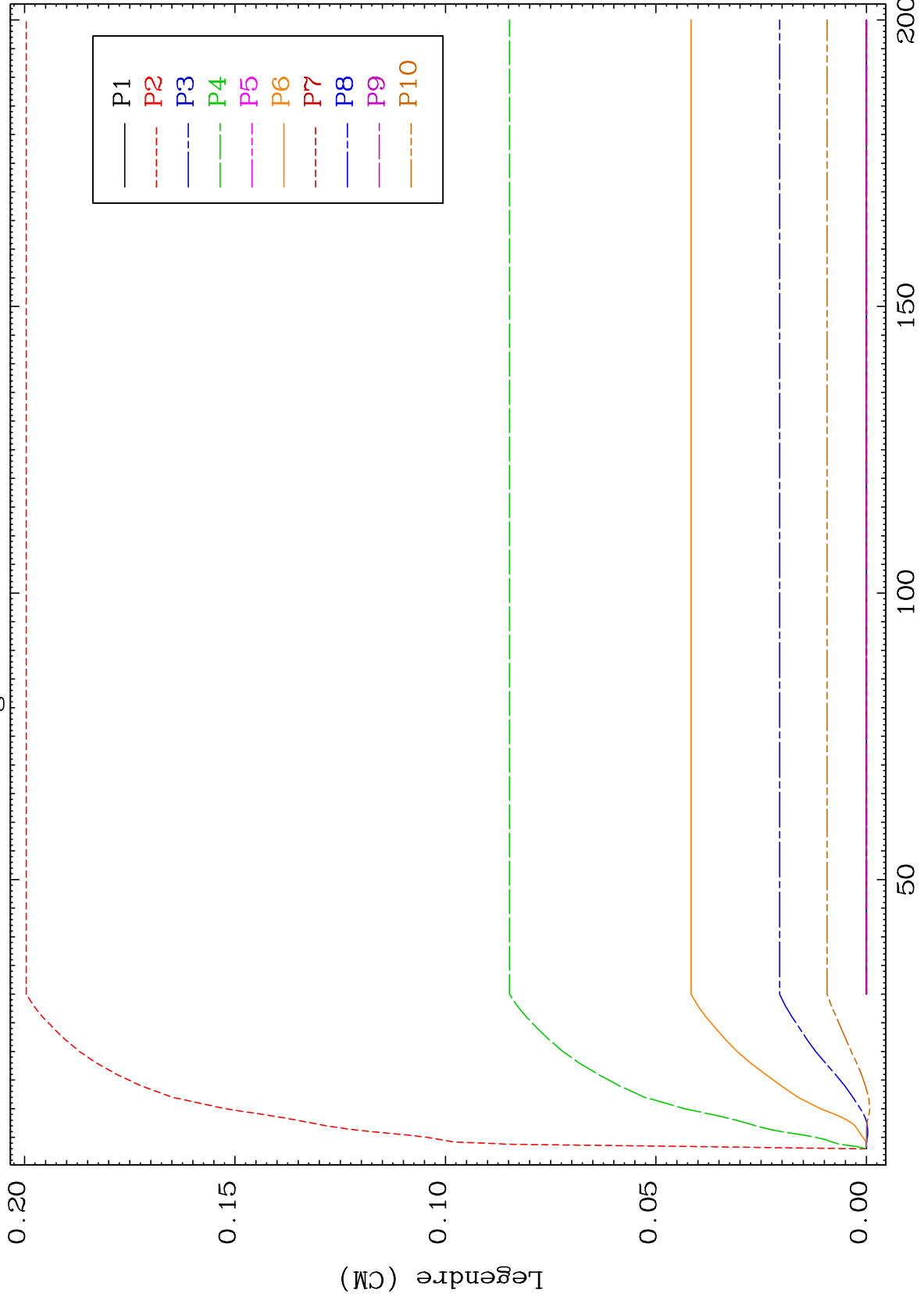


102

Incident Energy (MeV)

58-Ce-152

MAT 5873 MT= 77 (n,n') Level Legendre Coefficients 58-Ce-152



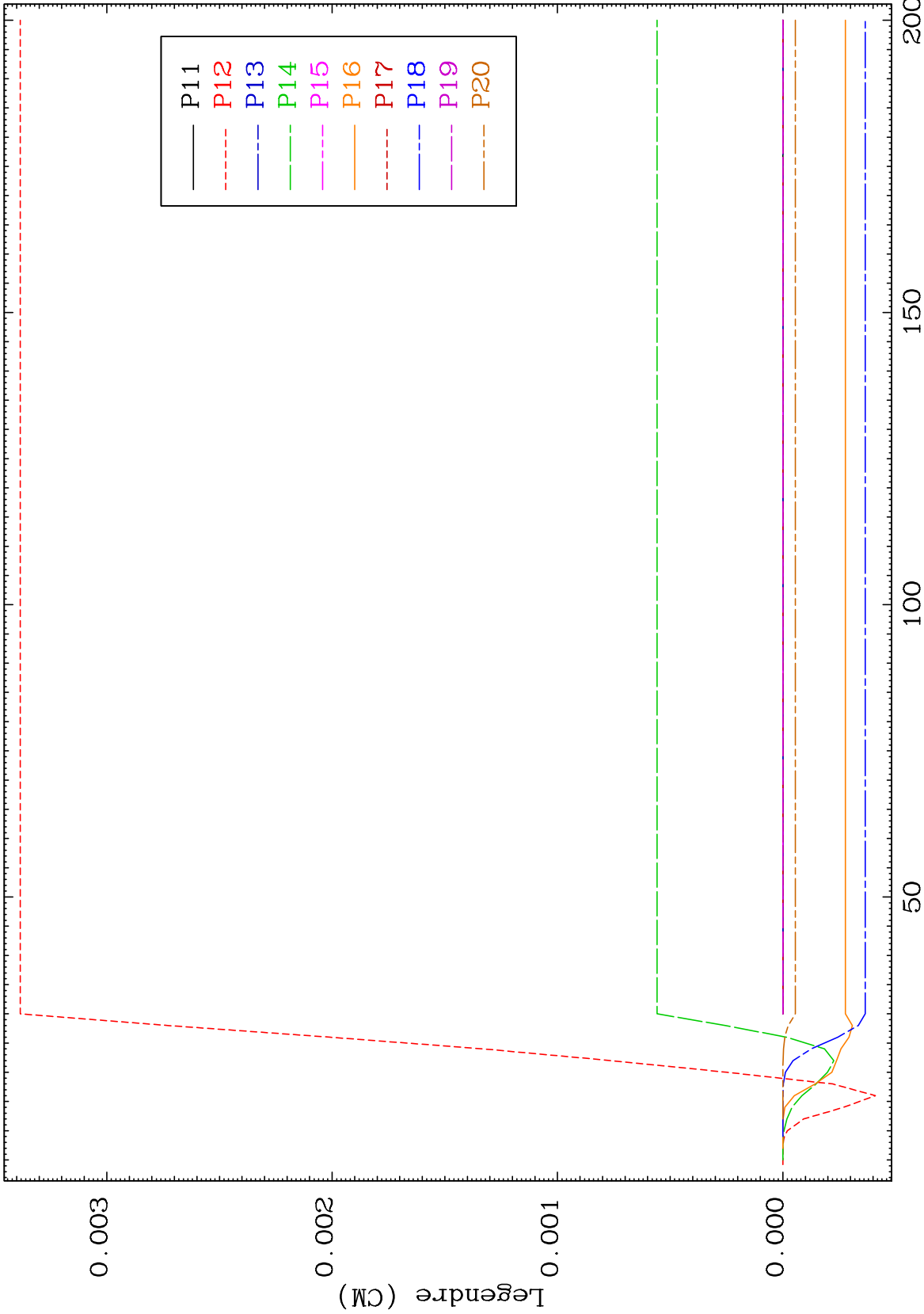
103 Incident Energy (MeV) 58-Ce-152



MAT 5873

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

58-Ce-152



104

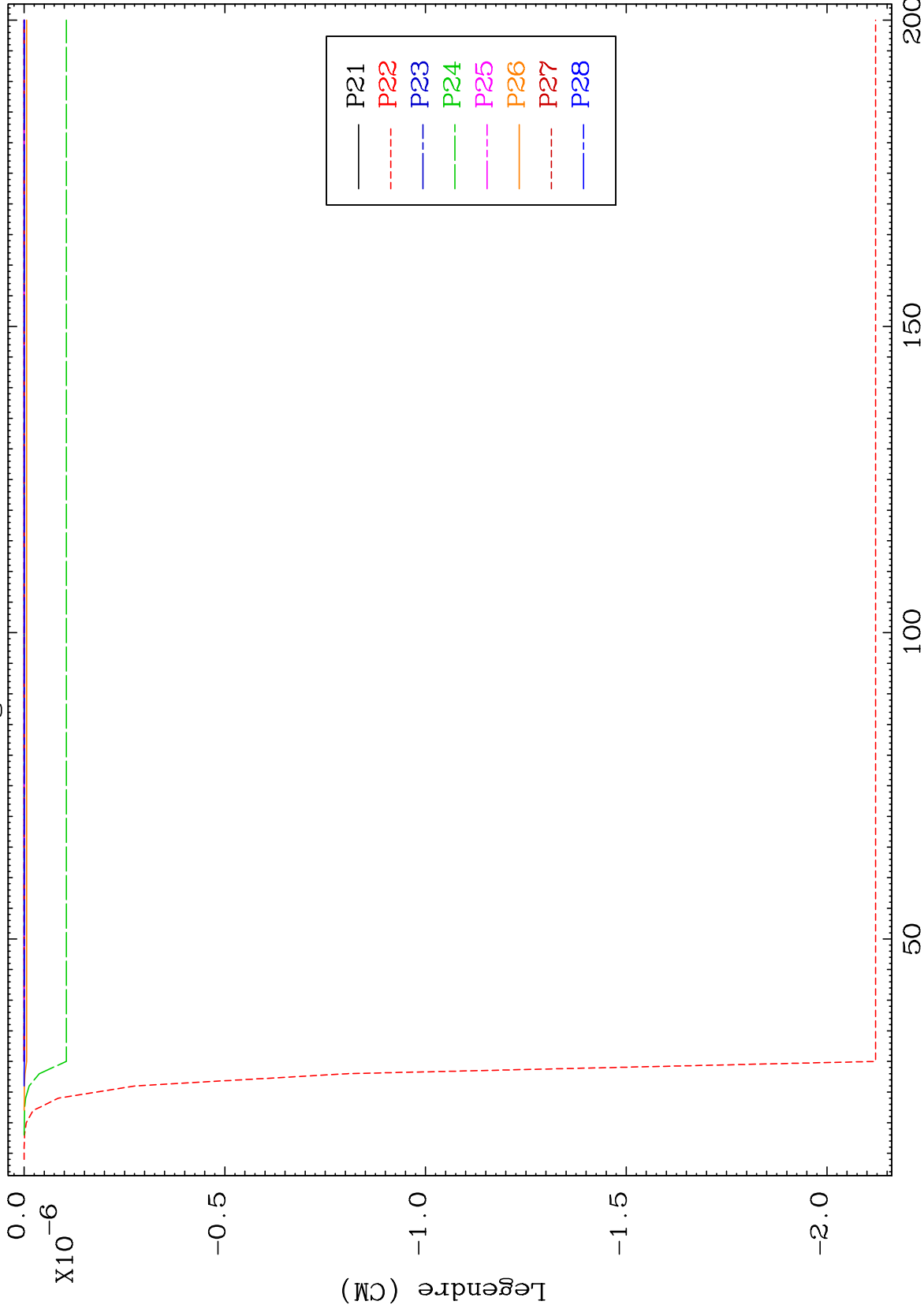
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152



58-Ce-152

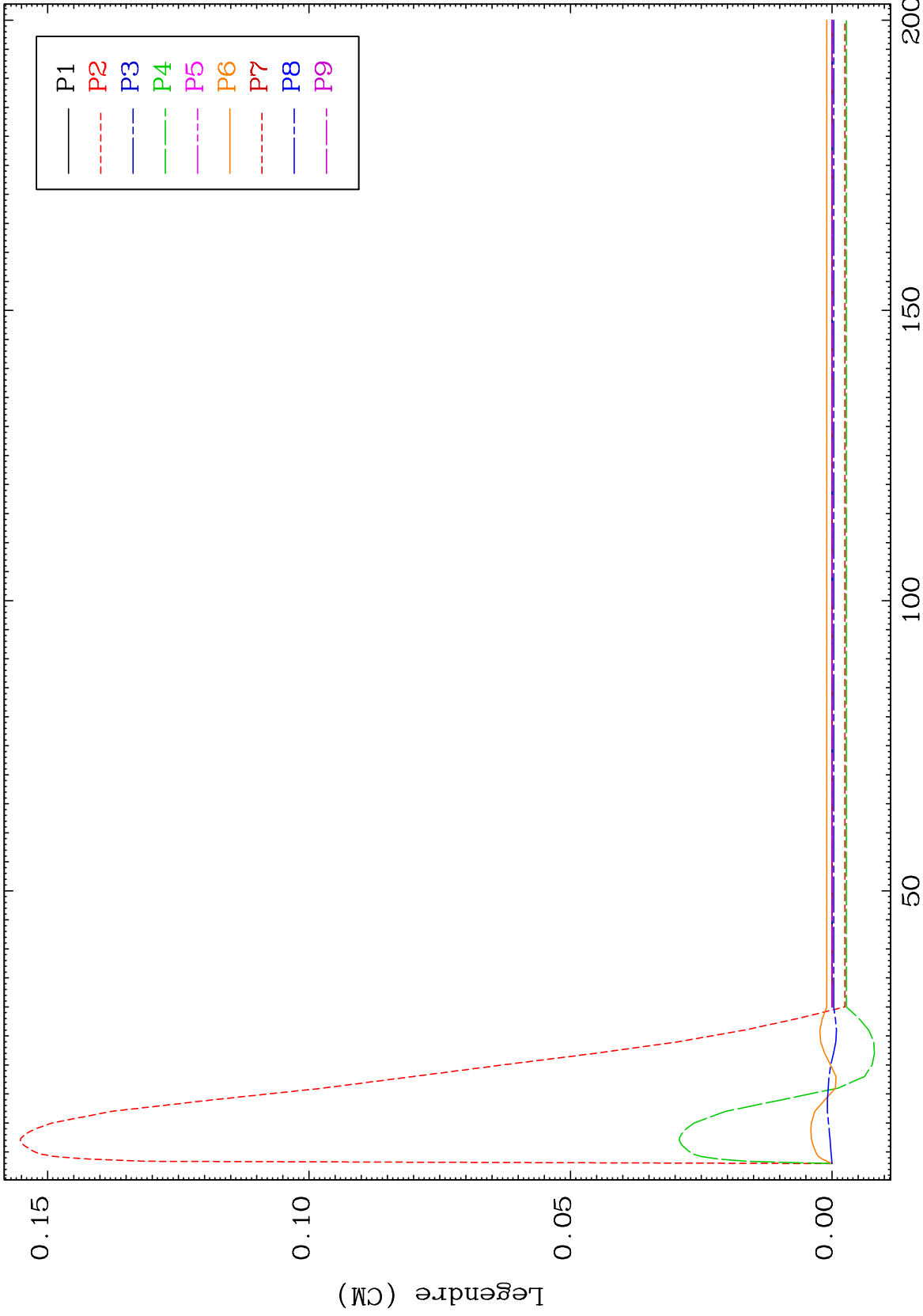
Incident Energy (MeV)

105

MAT 5873

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

58-Ce-152



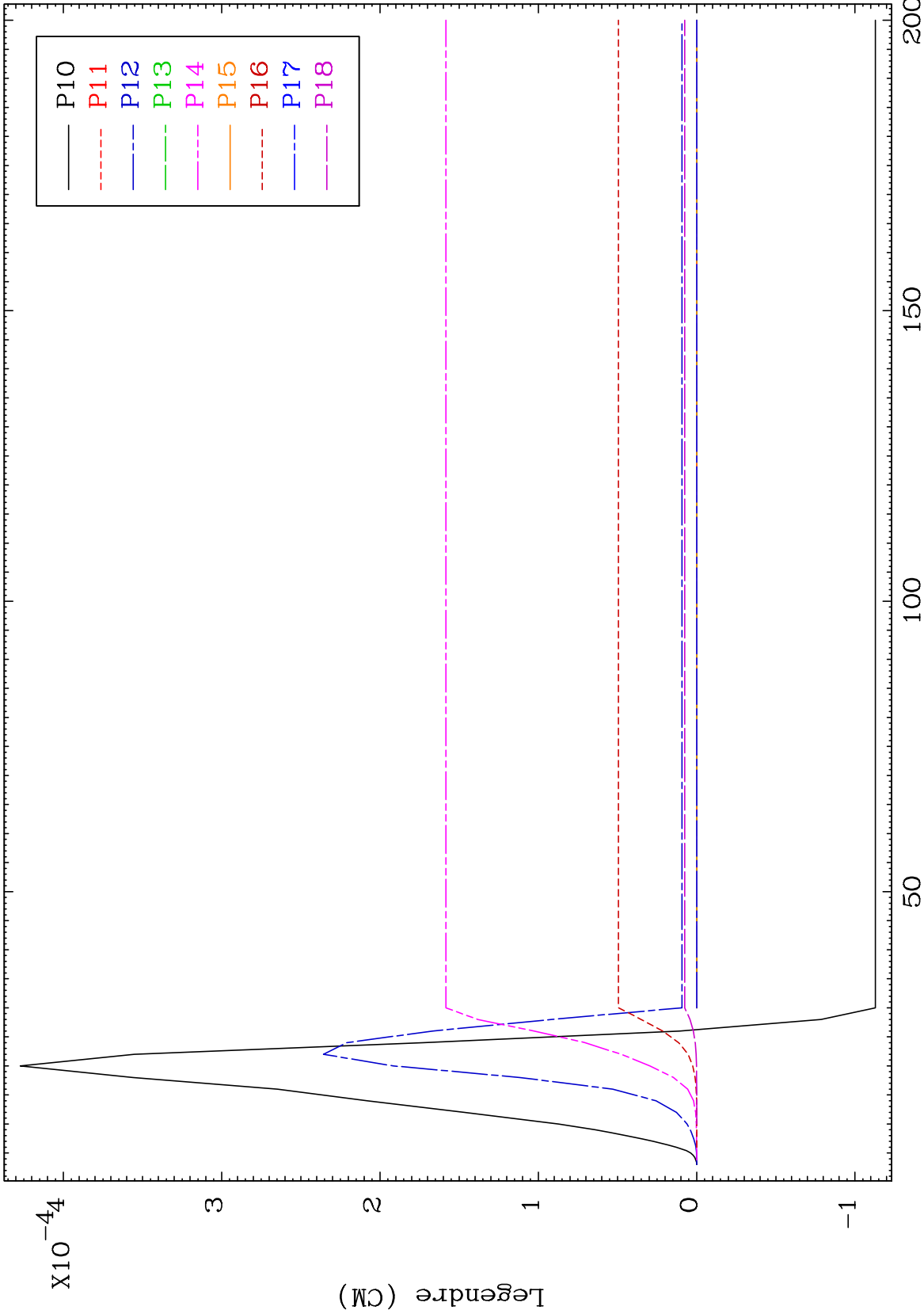
106

58-Ce-152

MAT 5873

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

58-Ce-152

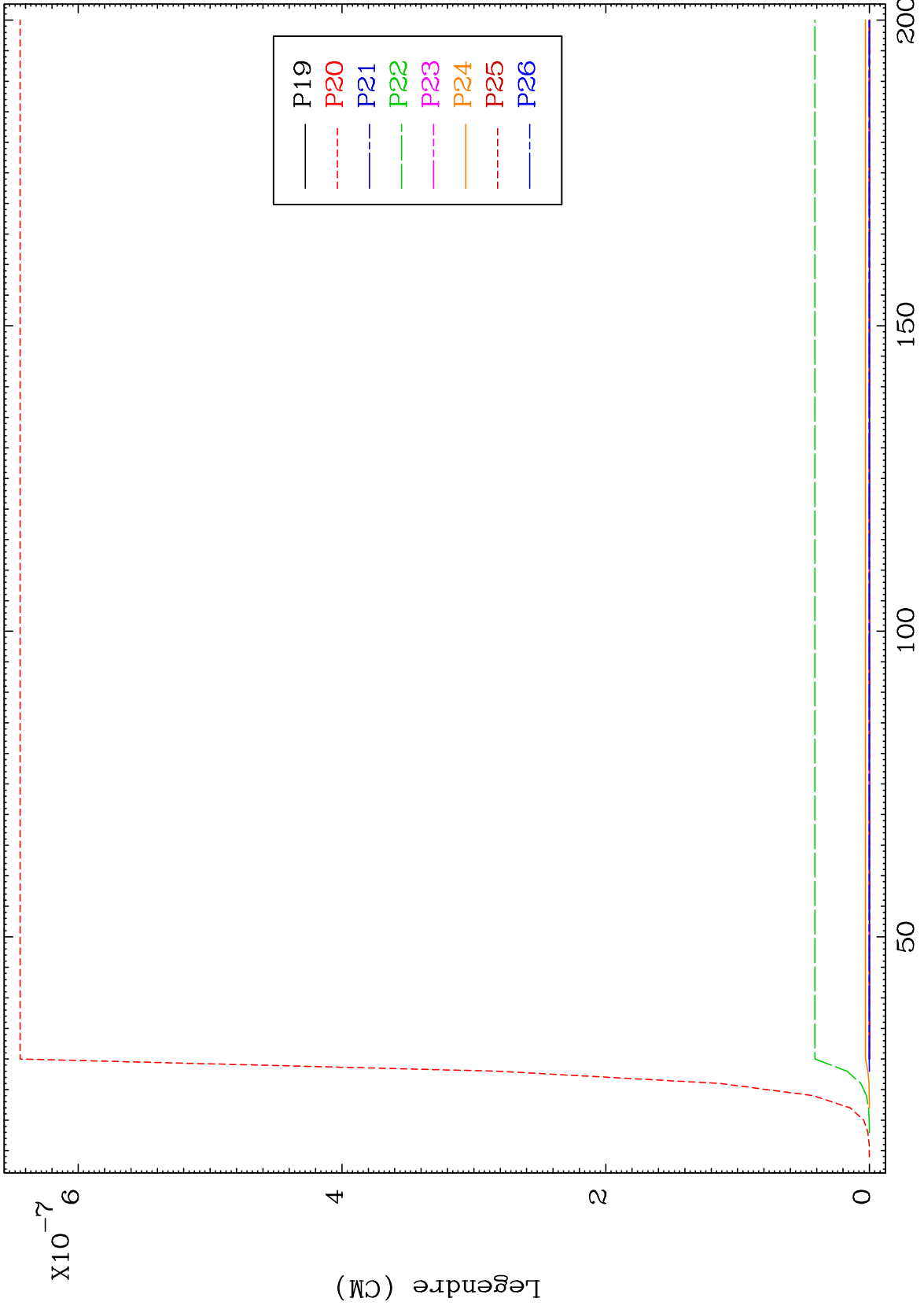


107

Incident Energy (MeV)

58-Ce-152

MAT 5873 MT= 78 (n,n') Level Legendre Coefficients 58-Ce-152

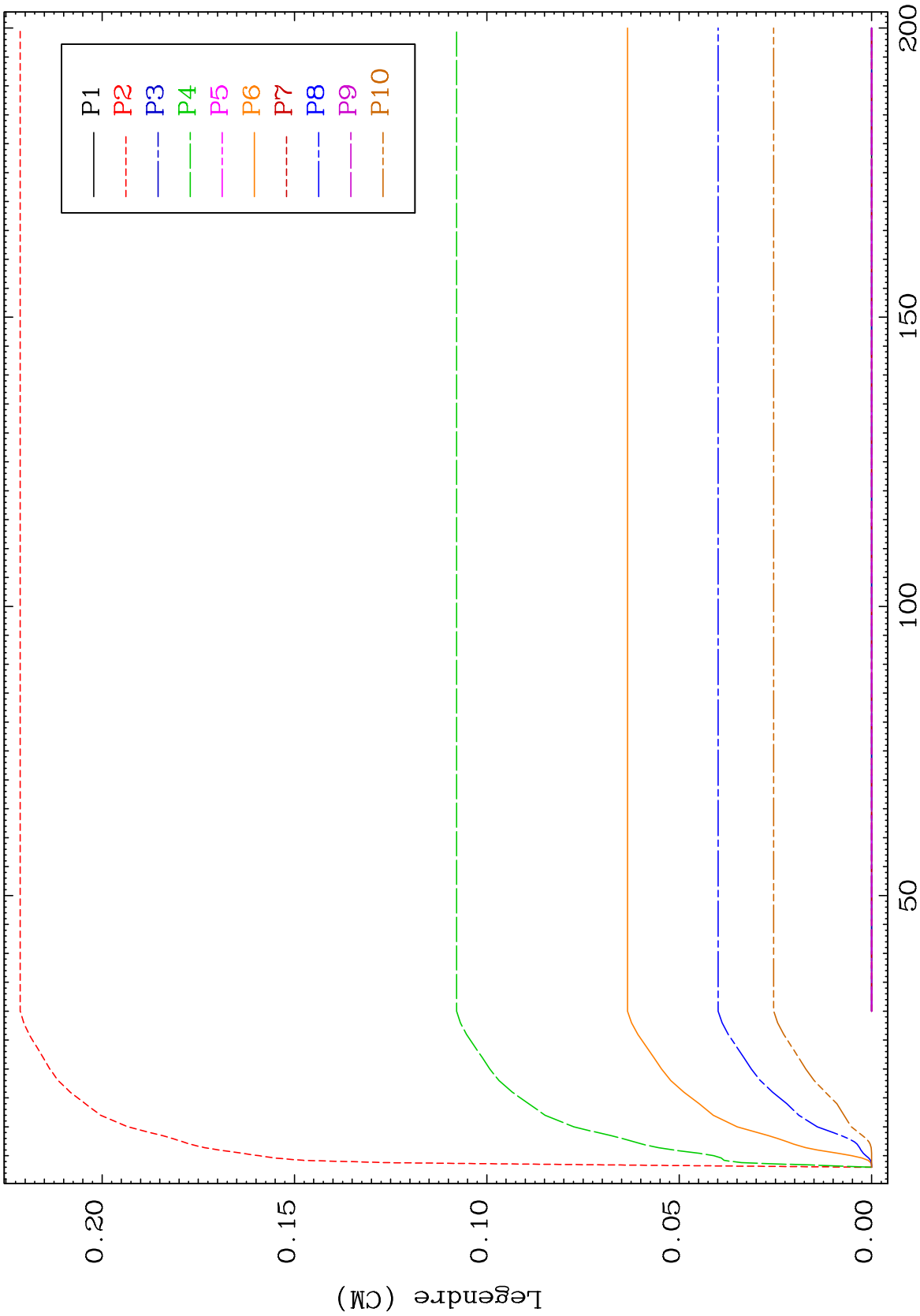


108 50 100 150 200 Incident Energy (MeV) 58-Ce-152

MAT 5873

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

58-Ce-152



109

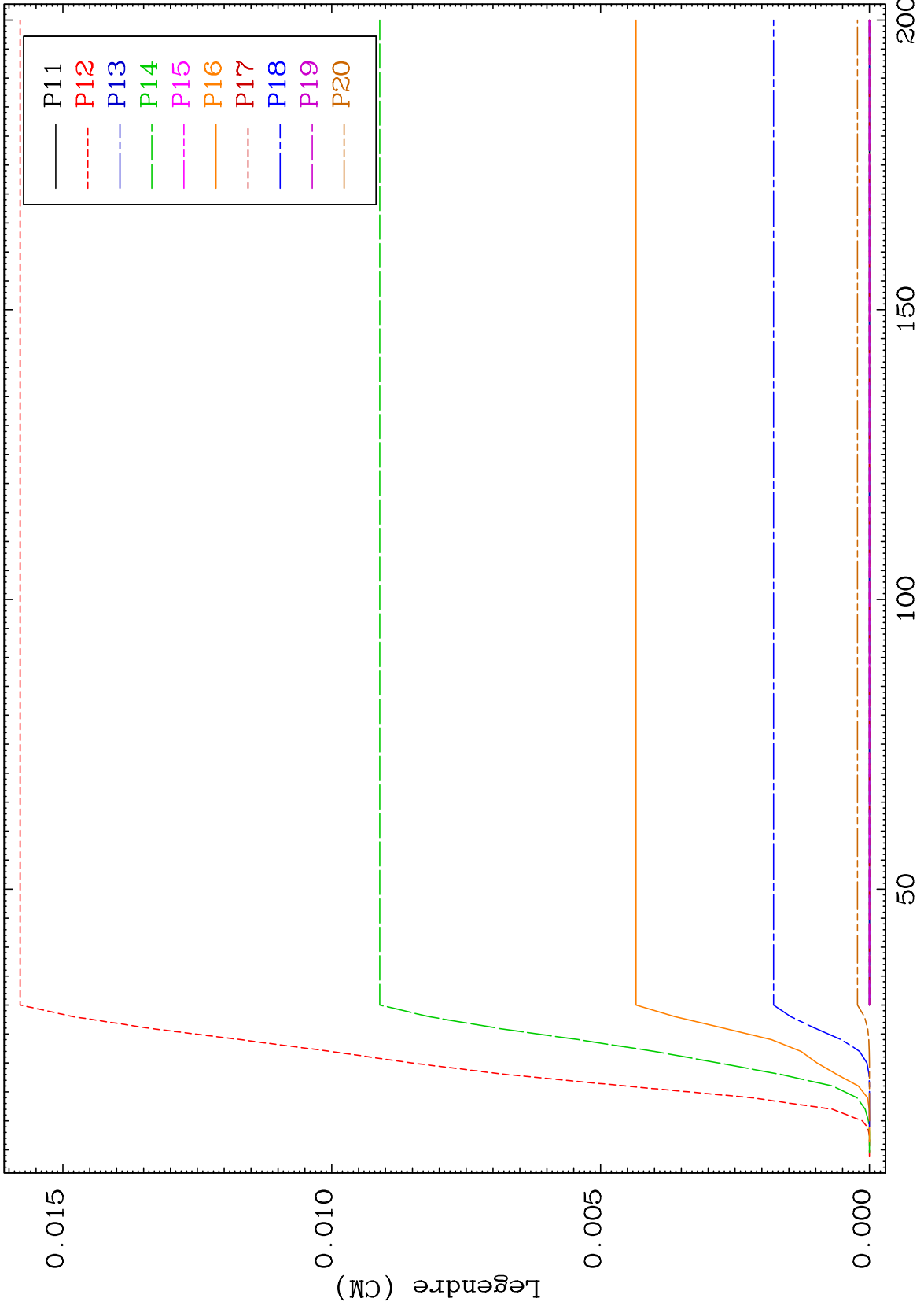
Incident Energy (MeV)

58-Ce-152

MAT 5873

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

58-Ce-152

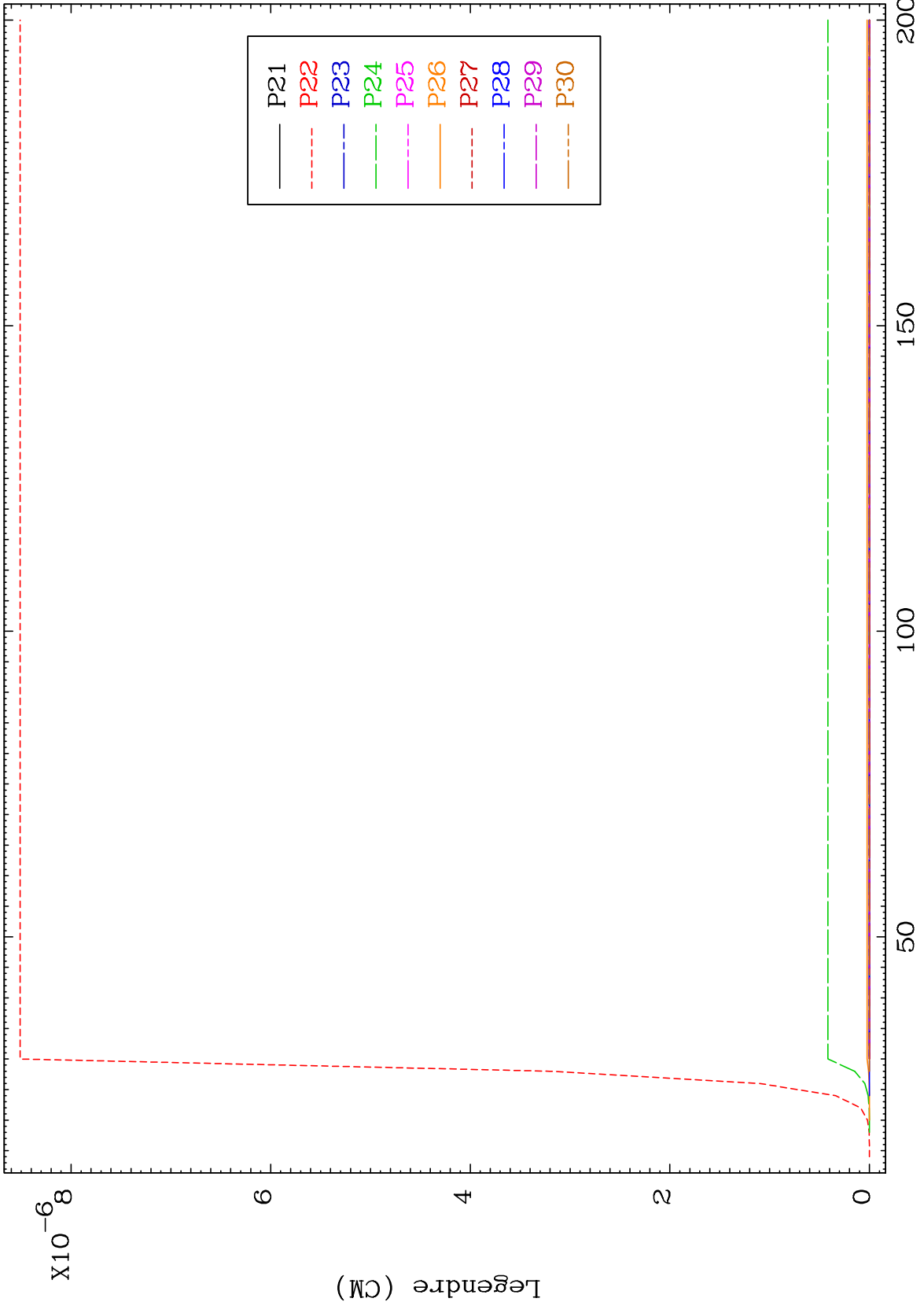


110

Incident Energy (MeV)

58-Ce-152

MAT 5873 MT= 79 (n,n') Level Legendre Coefficients 58-Ce-152



111 58-Ce-152