

Program EVALPLOT  
(Version 2018-1)

by

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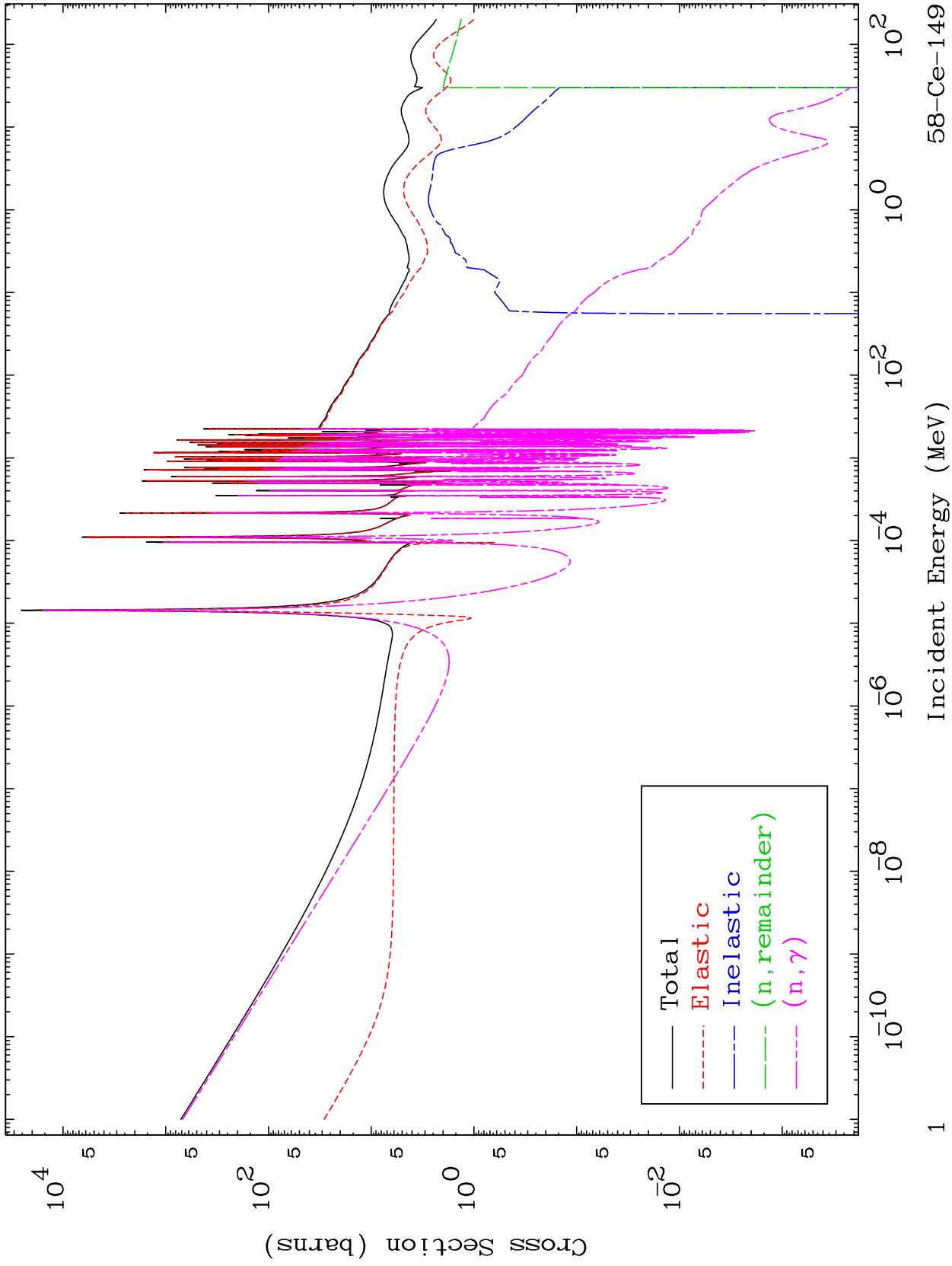
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5864

Major  
293 Kelvin Cross Sections

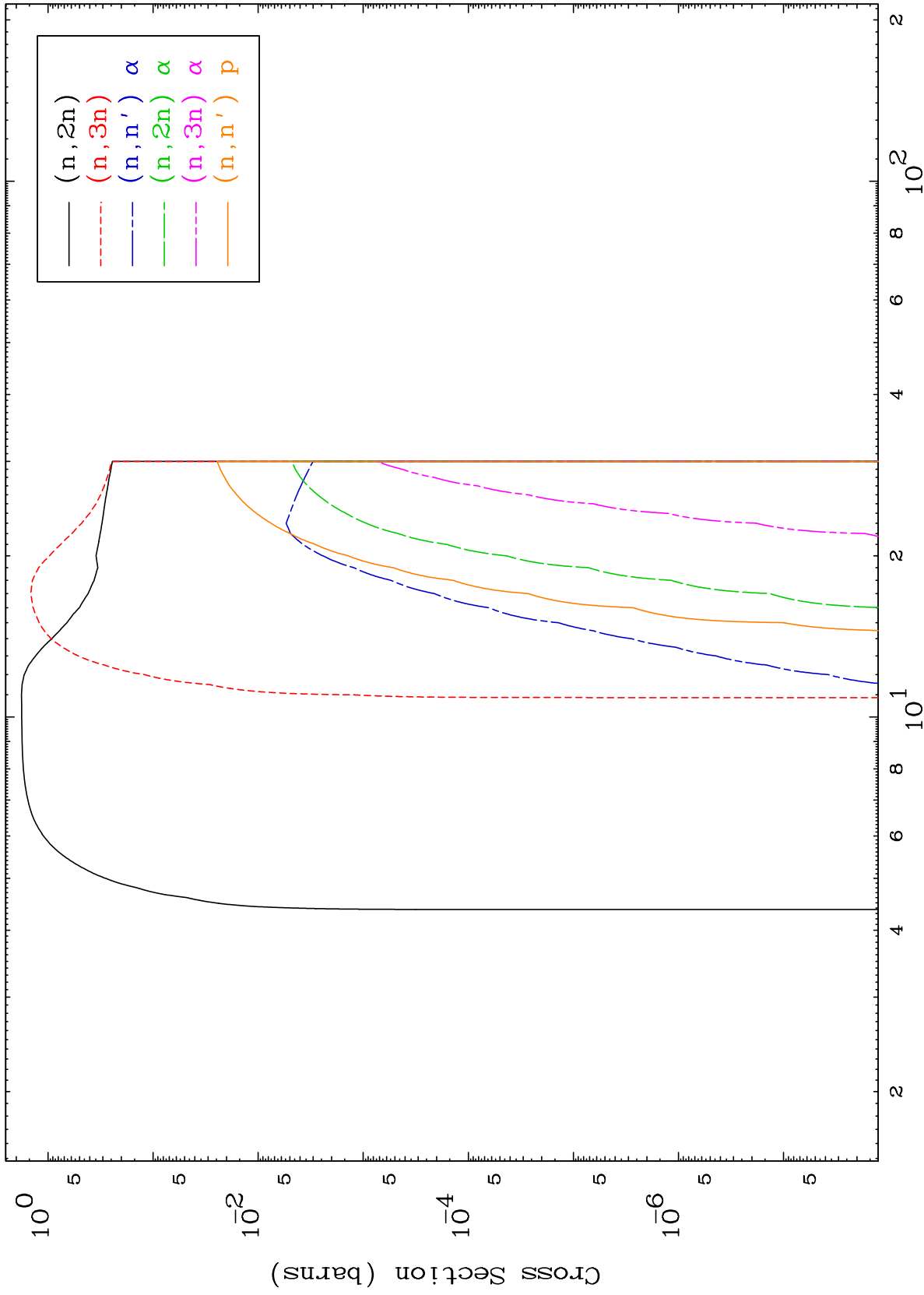
58-Ce-149



MAT 5864

### Neutron Production 293 Kelvin Cross Sections

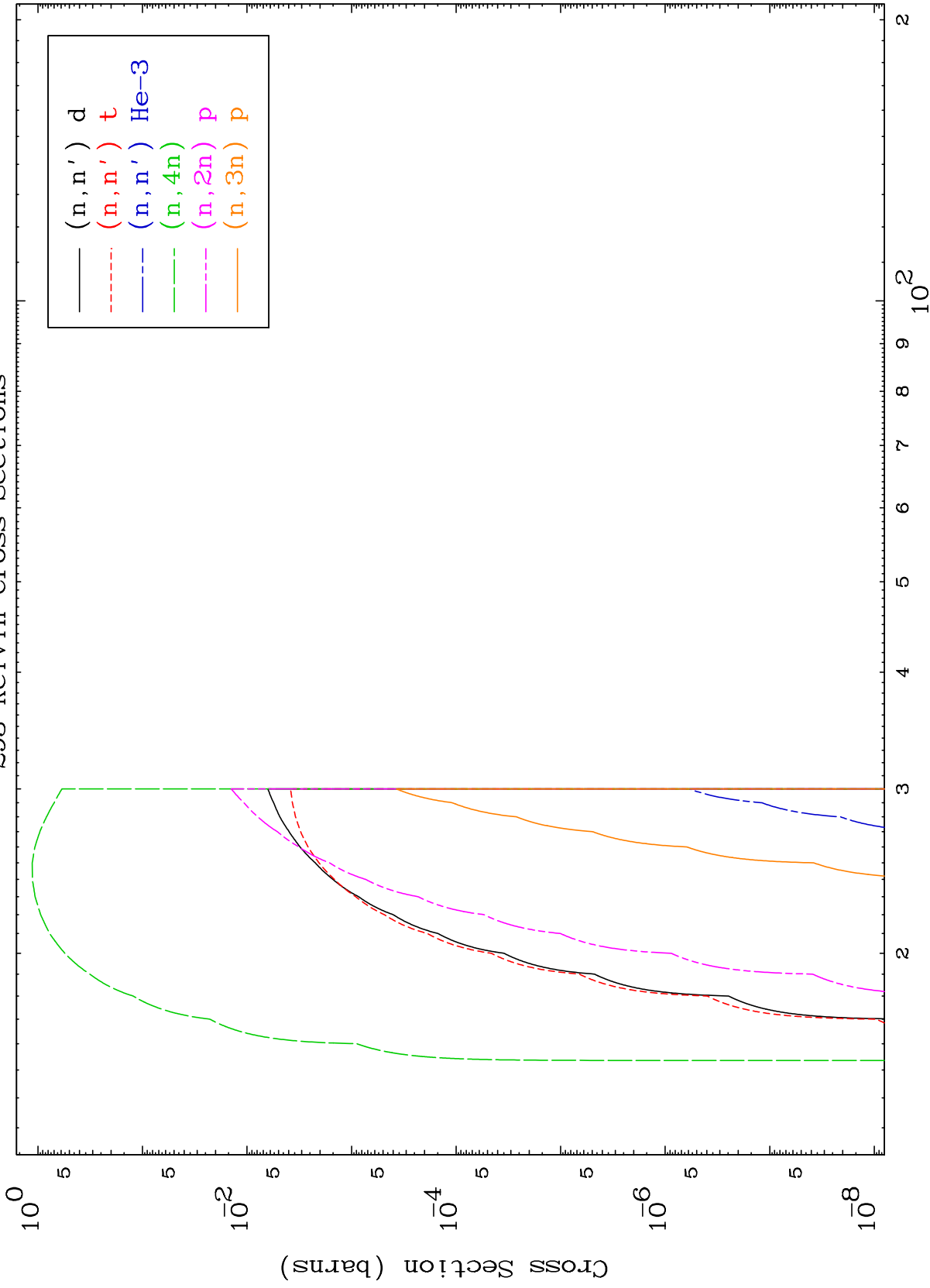
58-Ce-149

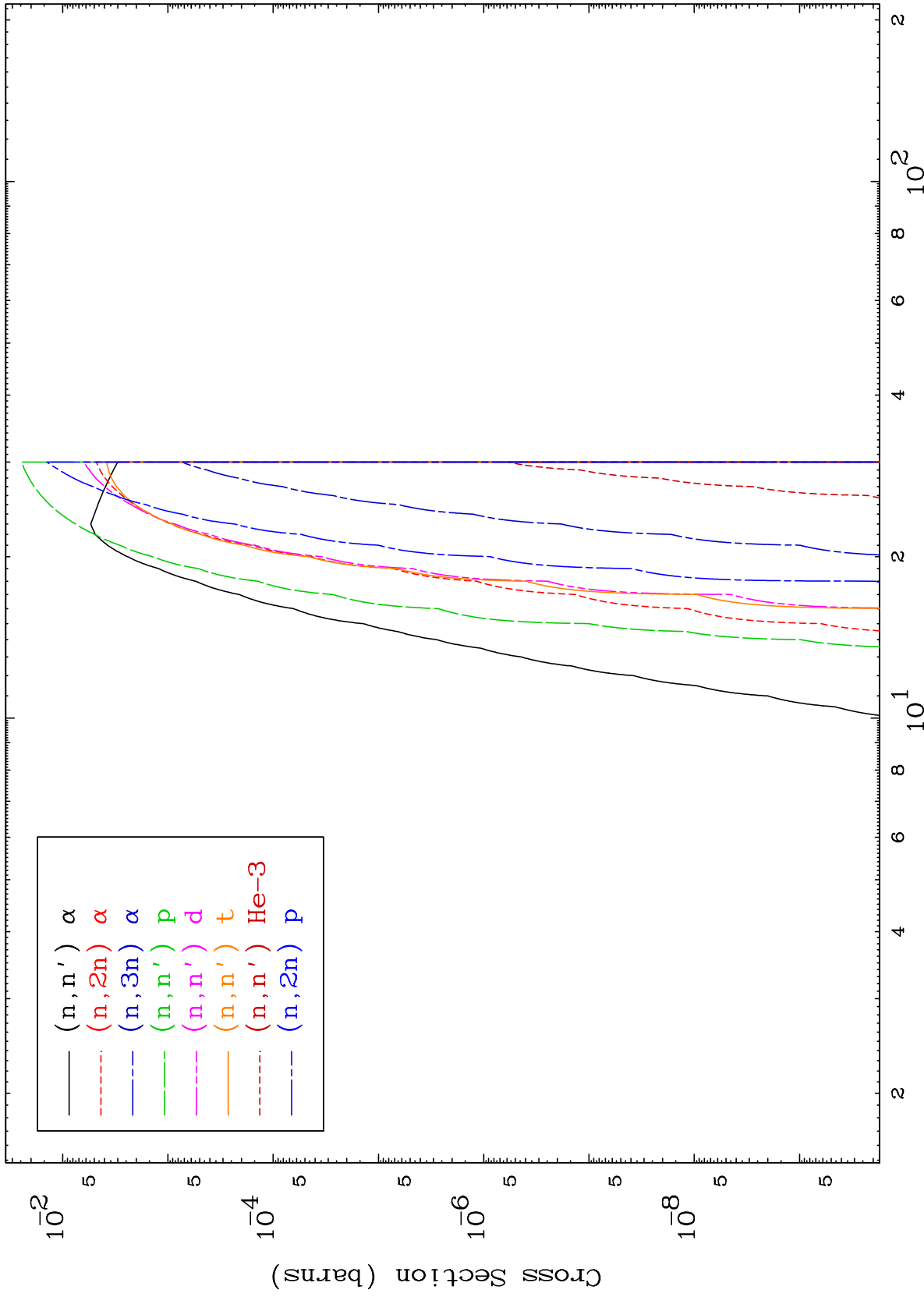


2

Incident Energy (MeV)

58-Ce-149

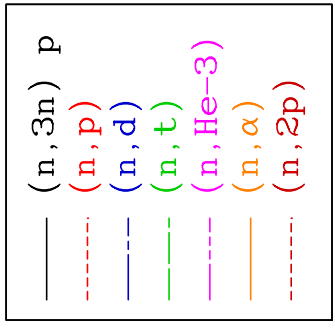
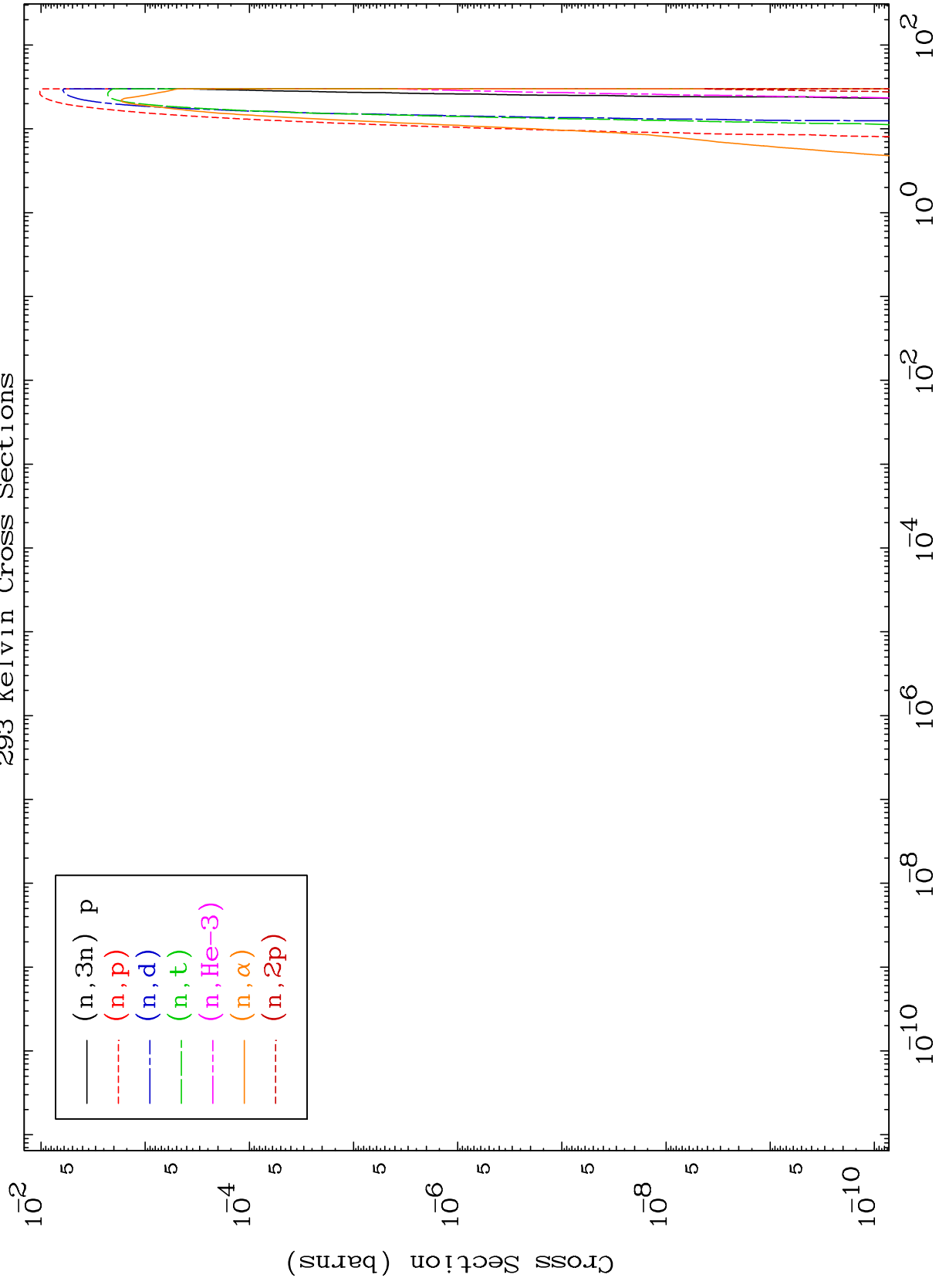




MAT 5864

293 Kelvin Cross Sections

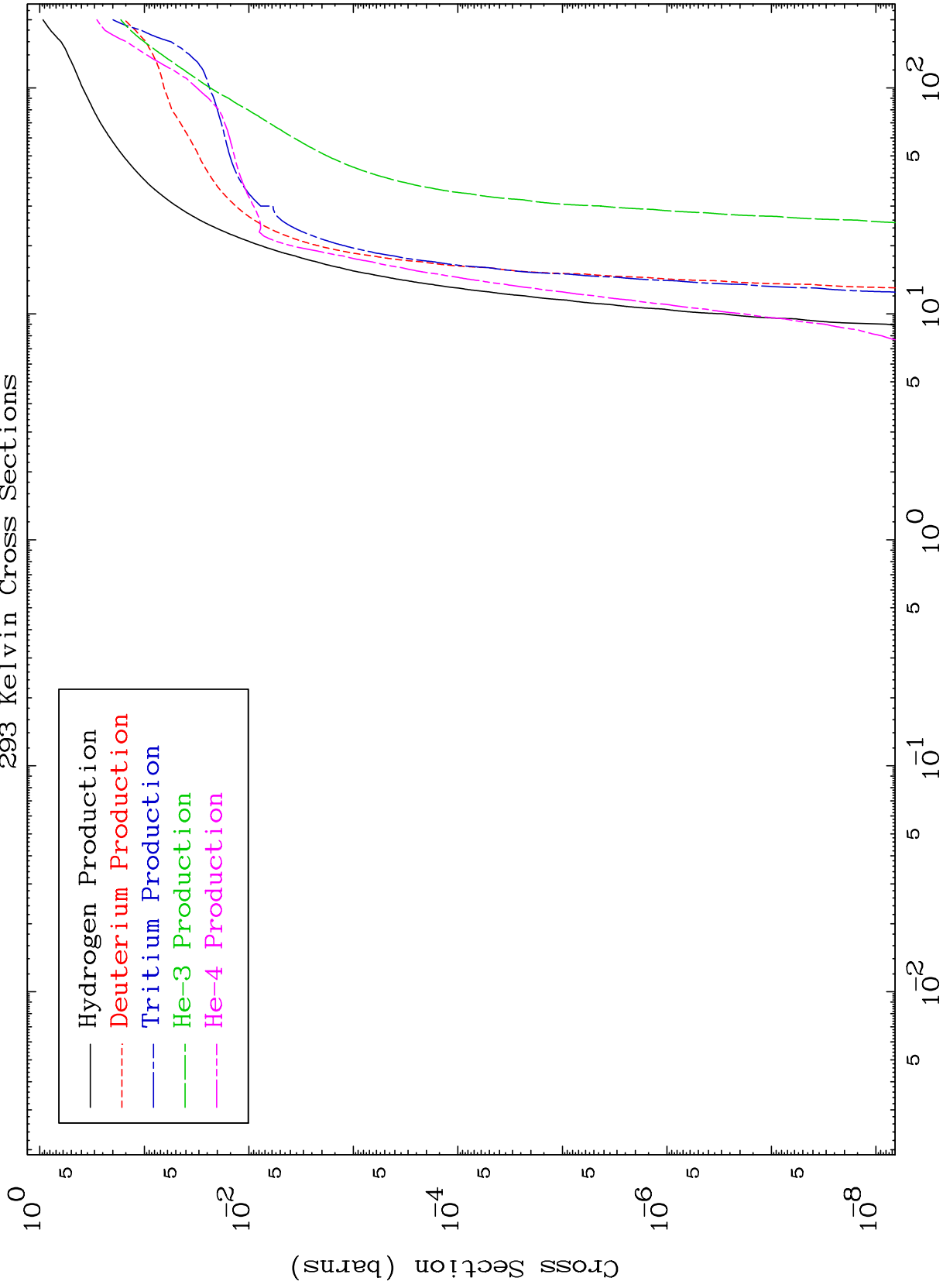
58-Ce-149



MAT 5864

Particle Production  
293 Kelvin Cross Sections

58-Ce-149



6

Incident Energy (MeV)

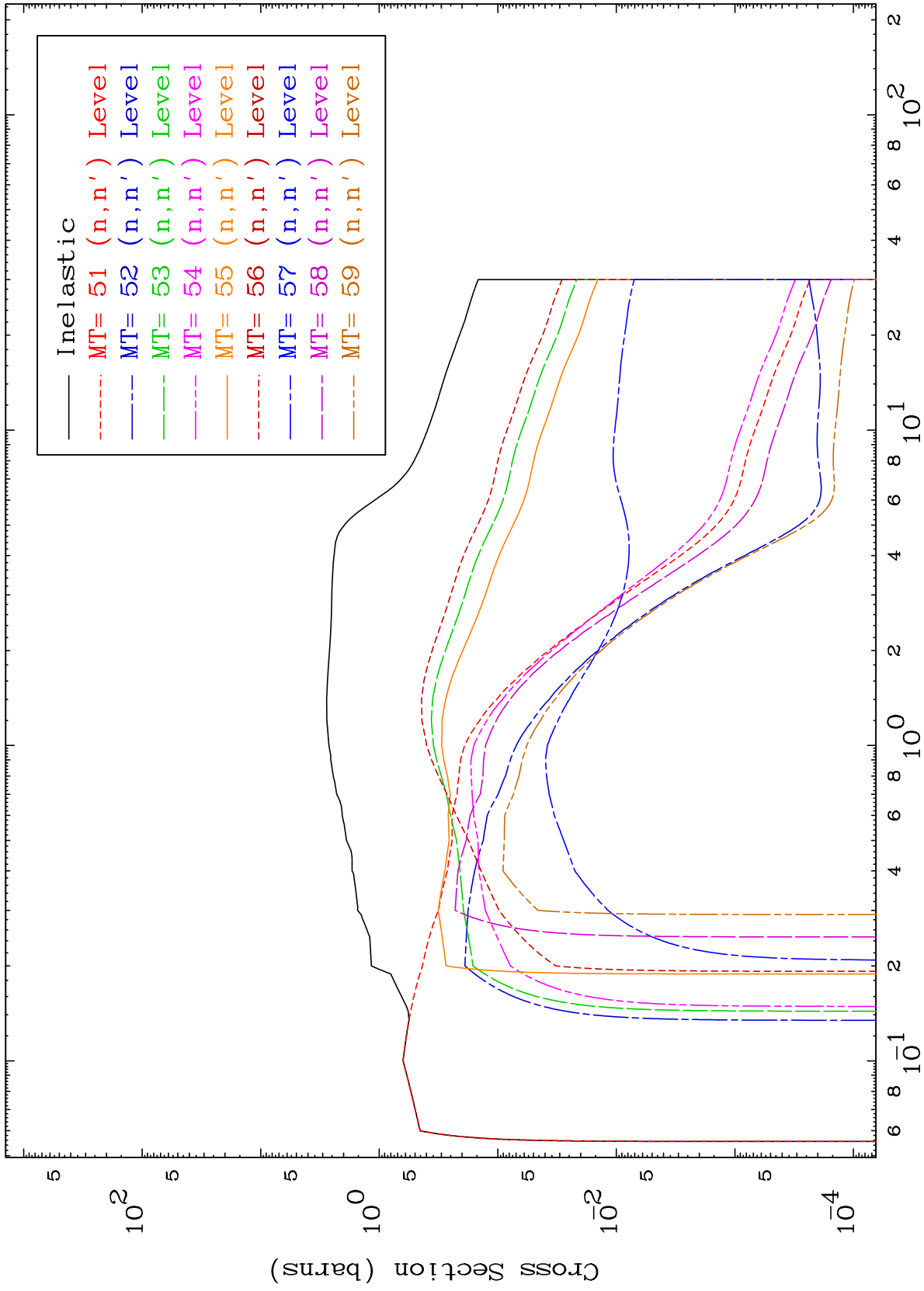
58-Ce-149

MAT 5864

(n,n') Level

58-Ce-149

293 Kelvin Cross Sections



7

Incident Energy (MeV)

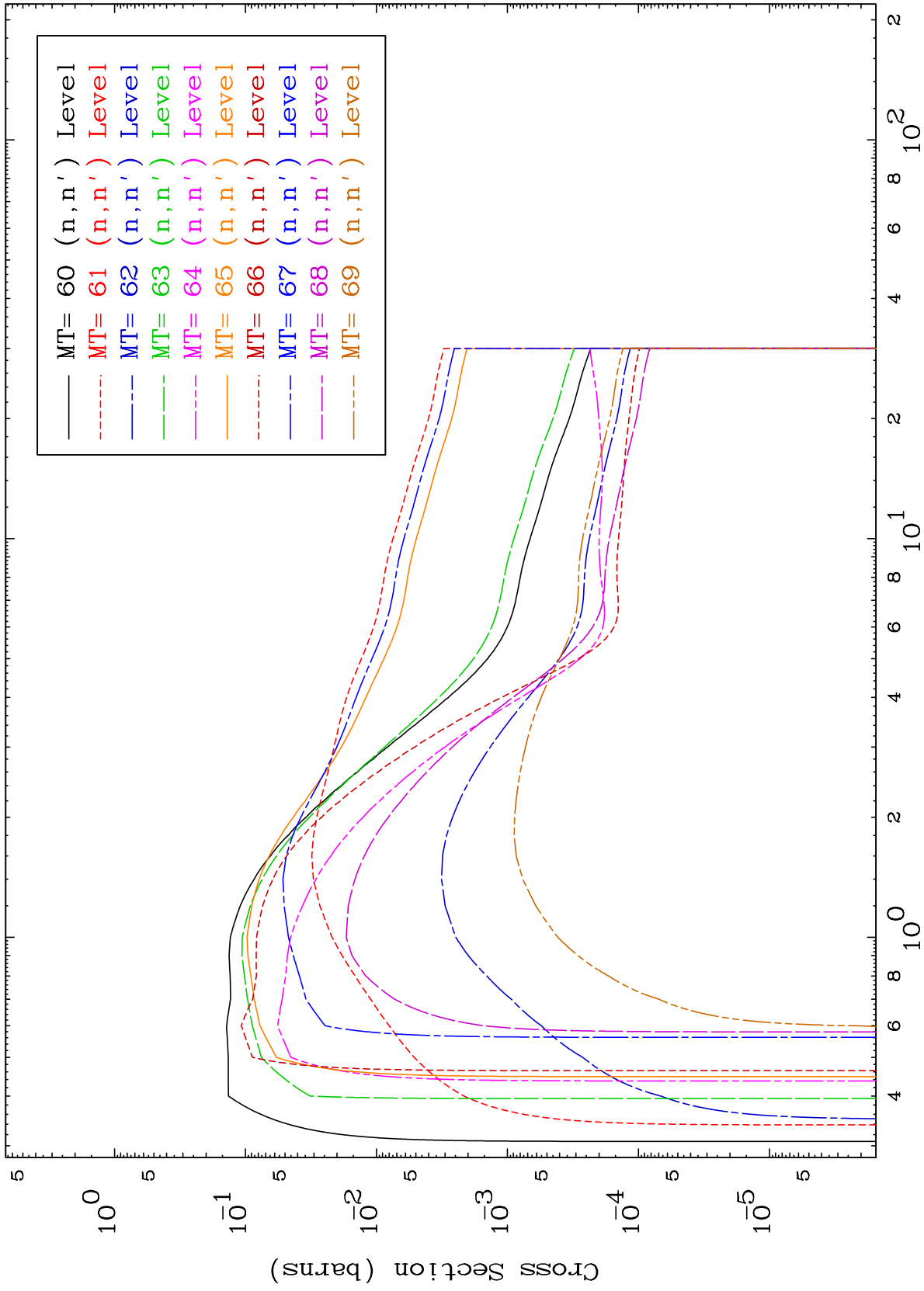
58-Ce-149



MAT 5864

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-149



8

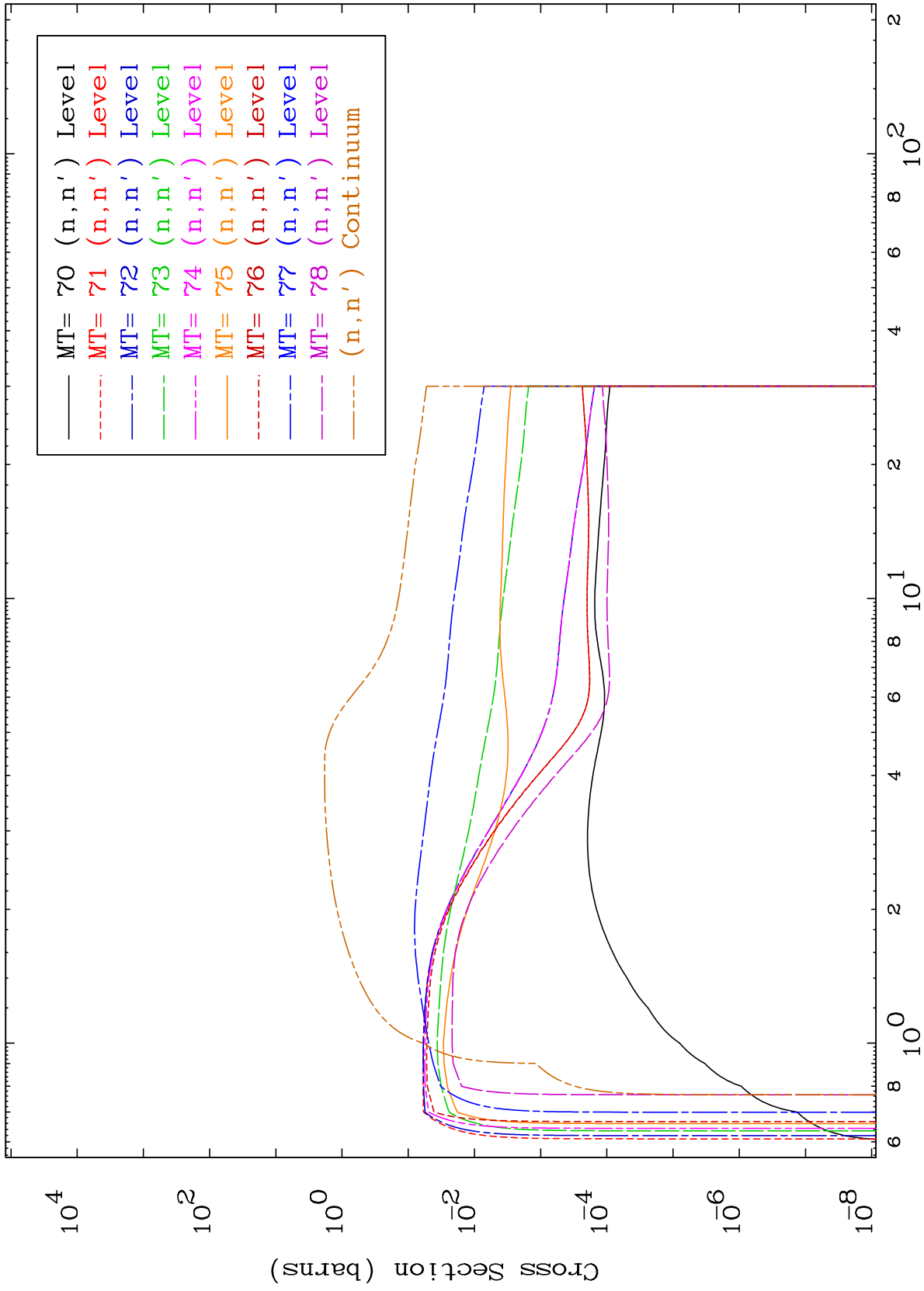
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-149



9

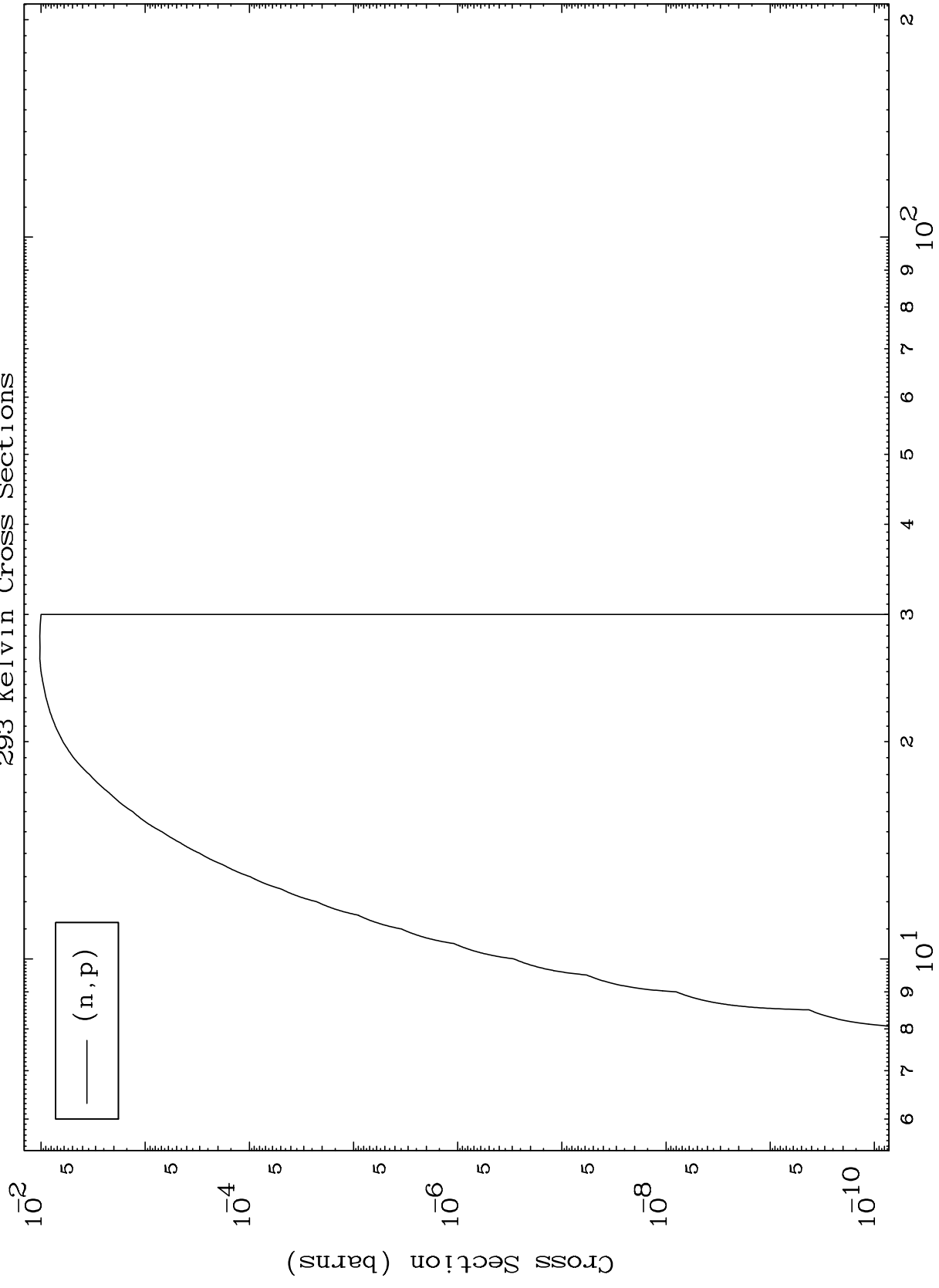
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,p) Levels  
293 Kelvin Cross Sections

58-Ce-149



10

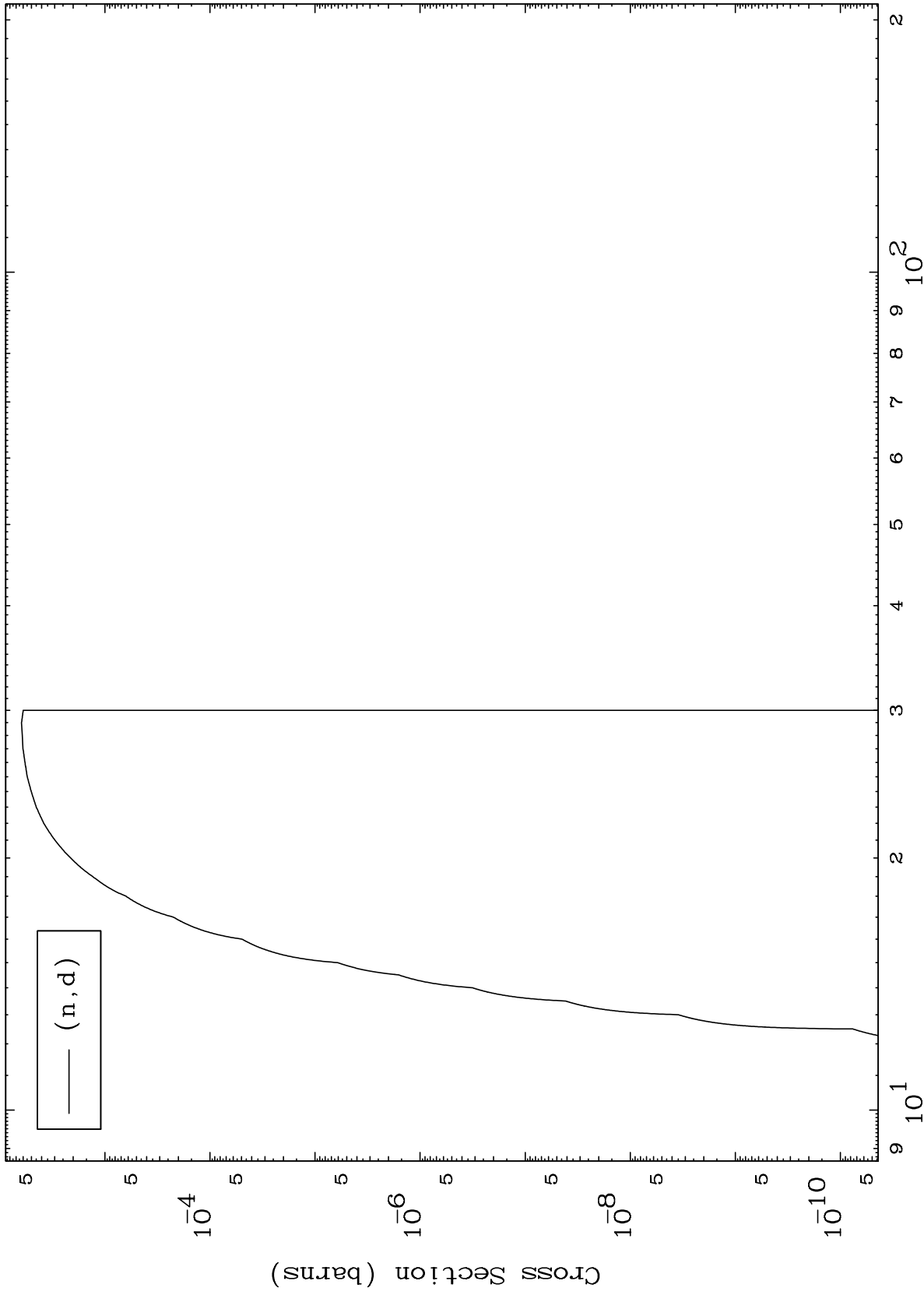
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,d) Levels  
293 Kelvin Cross Sections

58-Ce-149



11

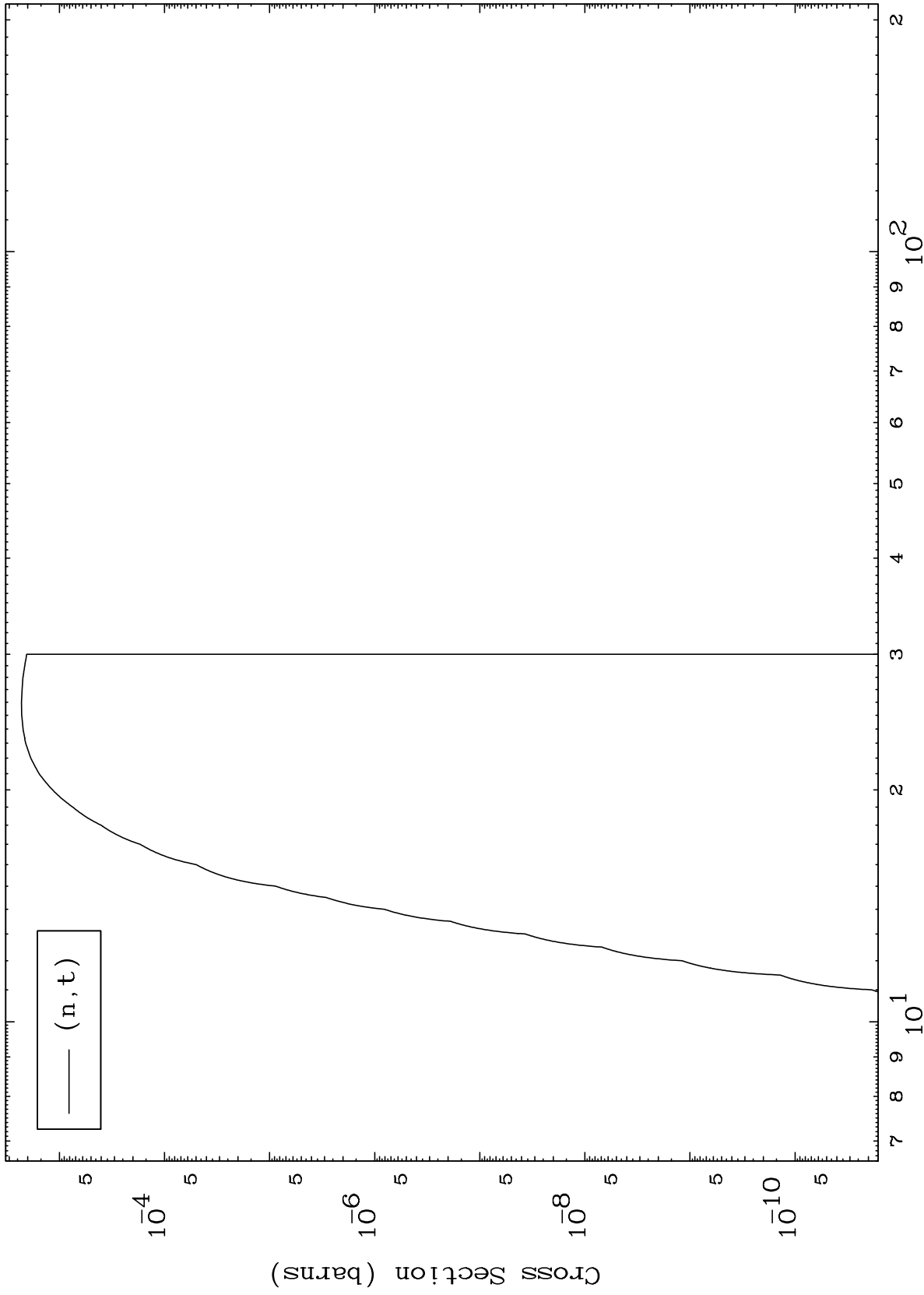
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-149



12

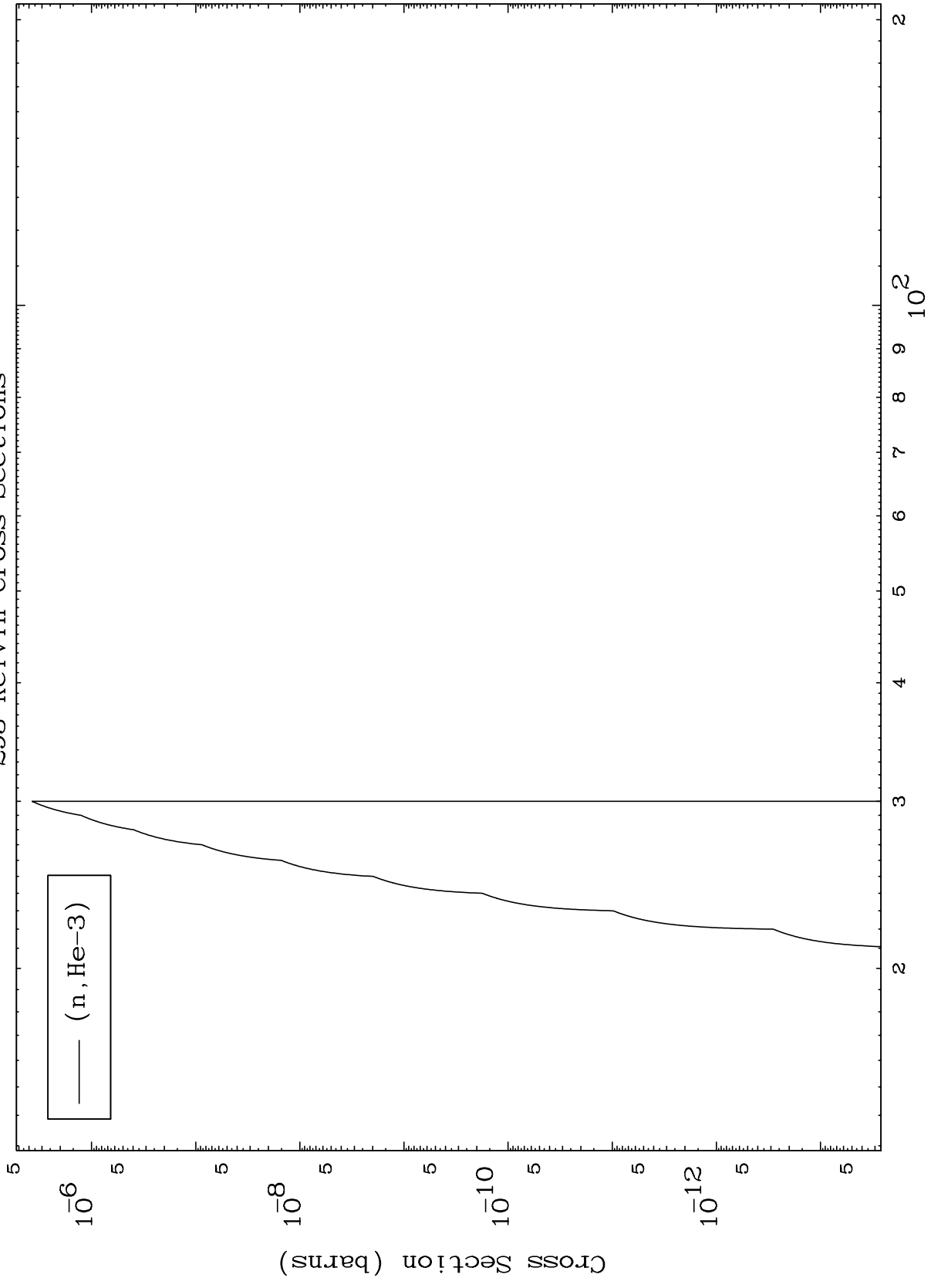
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,He3) Levels  
293 Kelvin Cross Sections

58-Ce-149



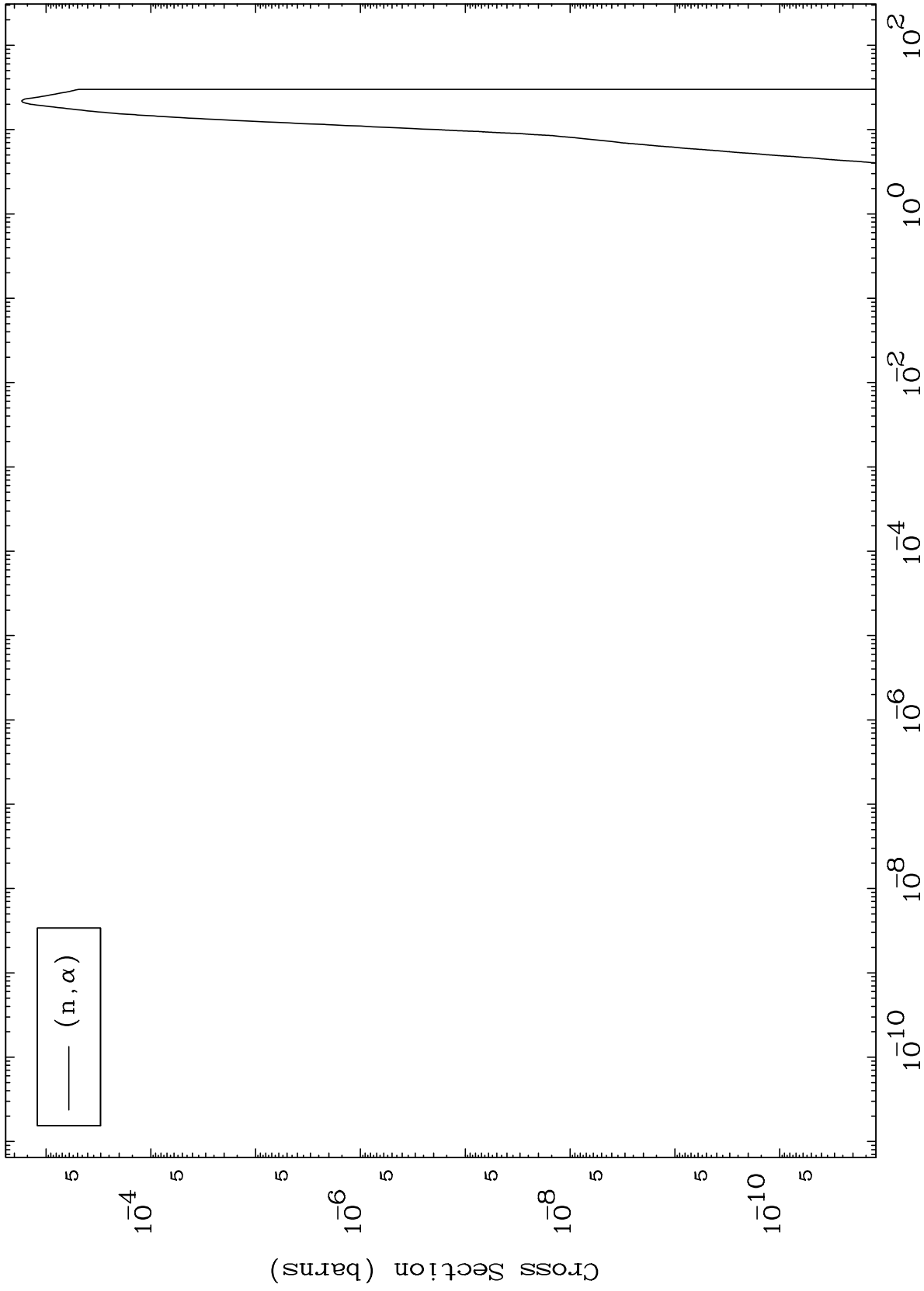
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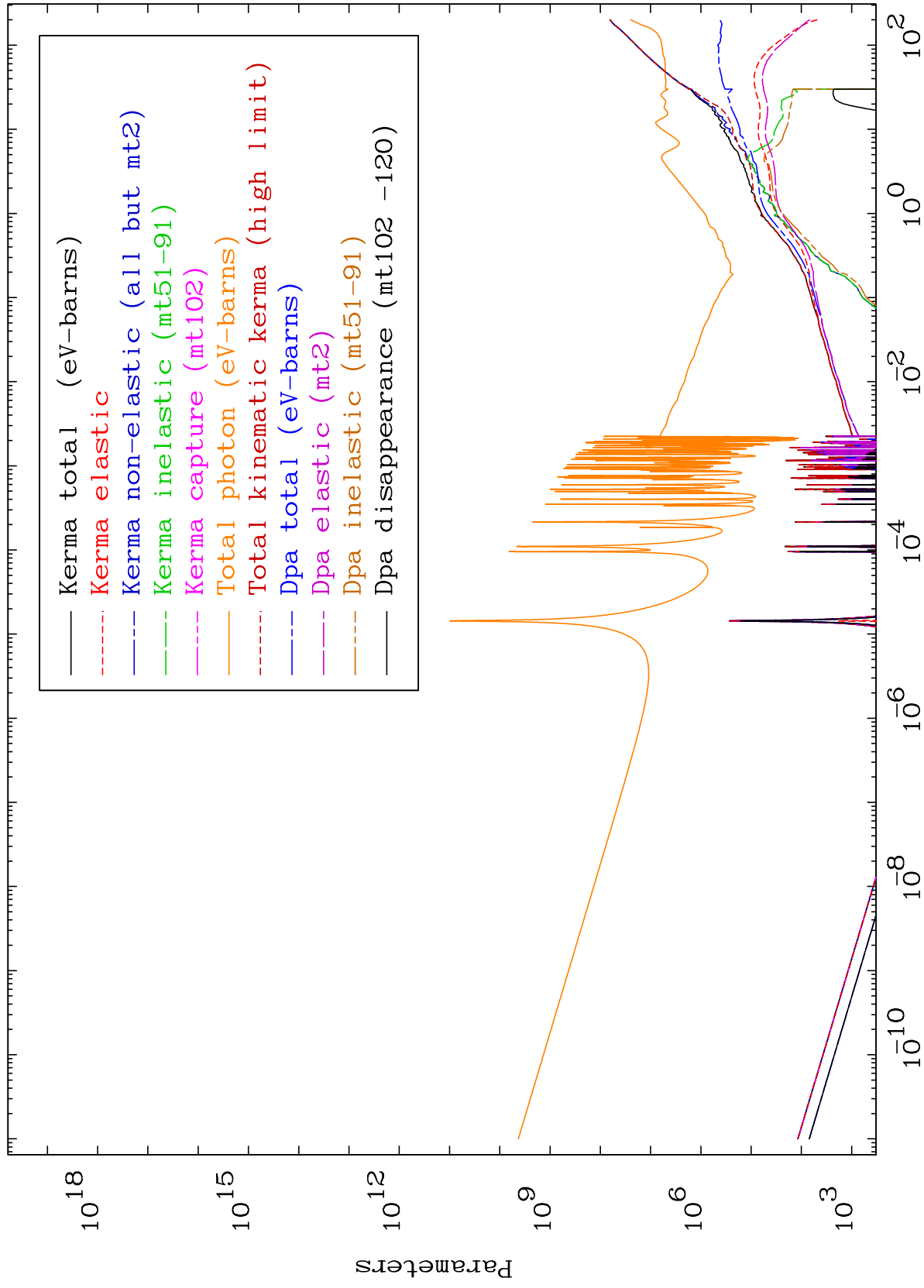
58-Ce-149

MAT 5864

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

58-Ce-149



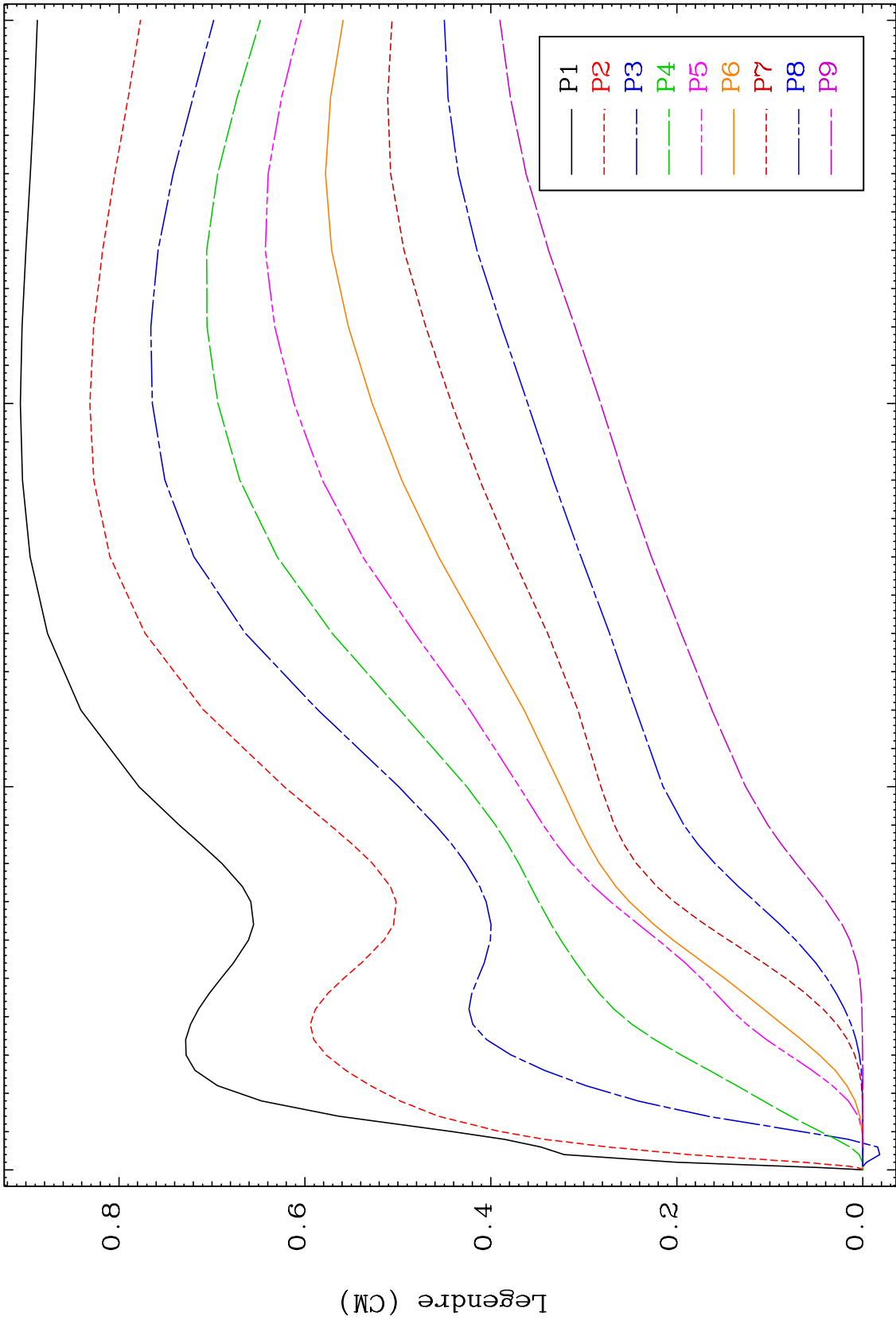




MAT 5864

Elastic Legendre Coefficients

58-Ce-149



16

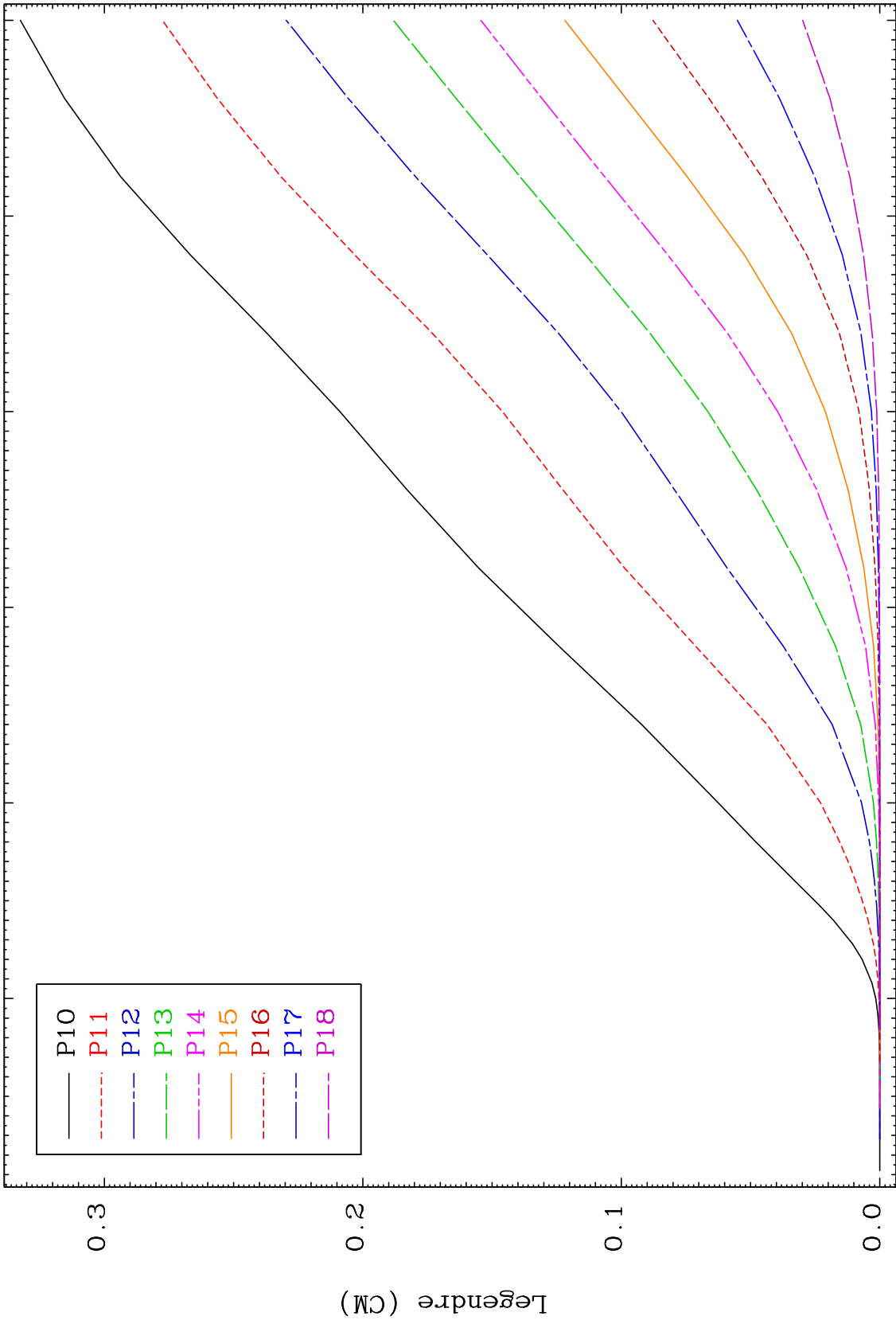
Incident Energy (MeV)

58-Ce-149

MAT 5864

Elastic Legendre Coefficients

58-Ce-149



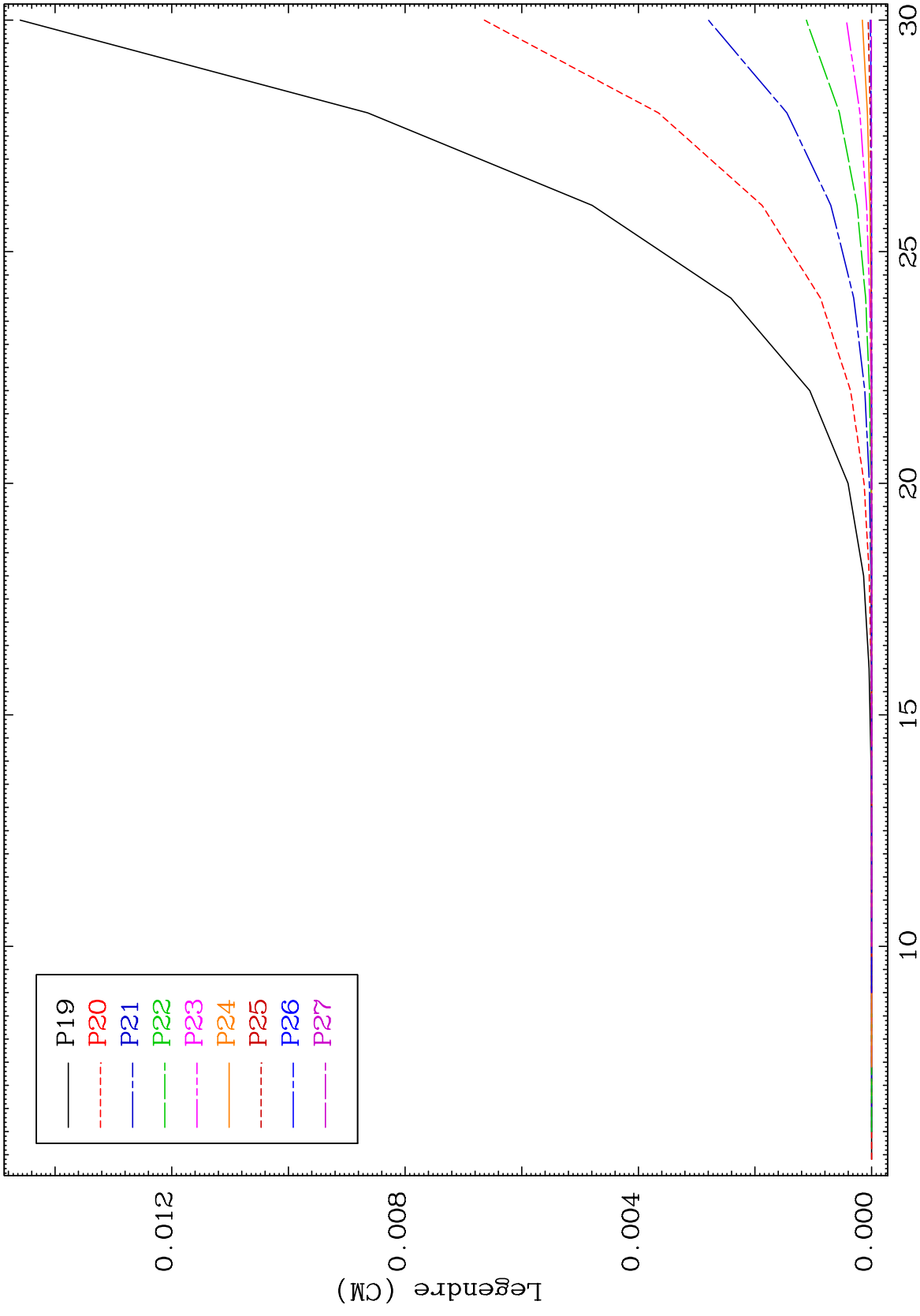
17

58-Ce-149

MAT 5864

### Elastic Legendre Coefficients

58-Ce-149



18

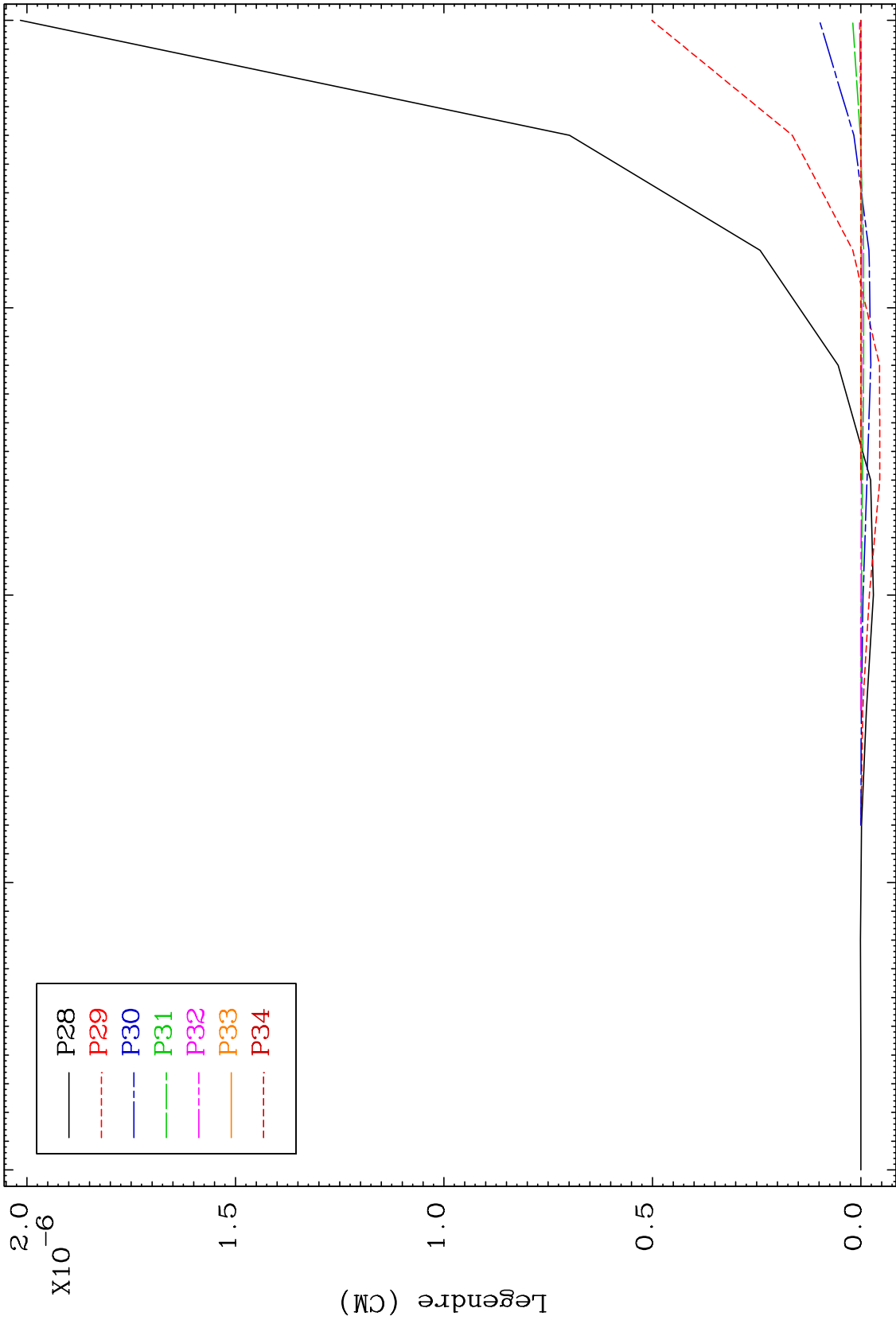
Incident Energy (MeV)

58-Ce-149

MAT 5864

Elastic Legendre Coefficients

58-Ce-149



19

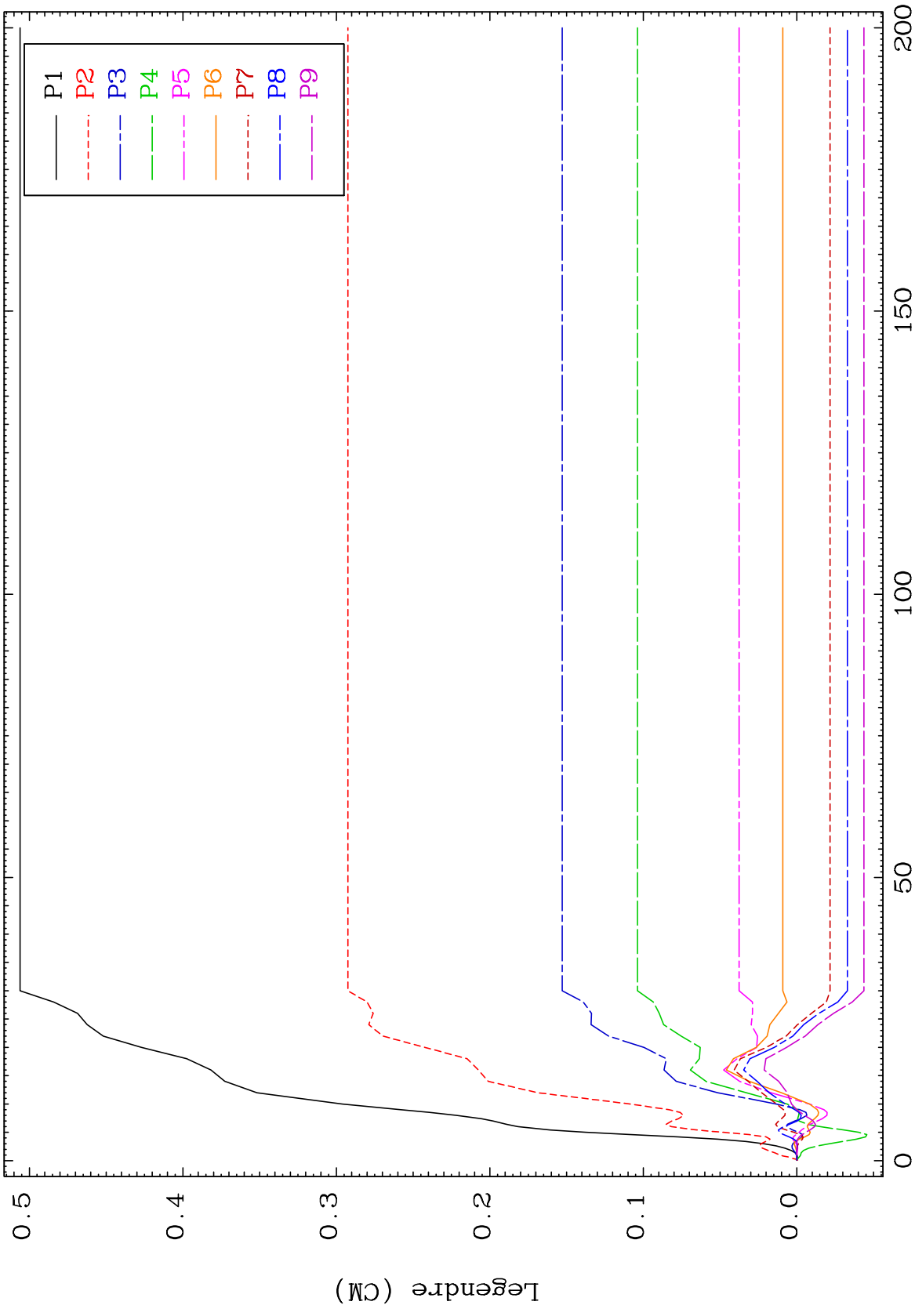
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



20

50

100

150

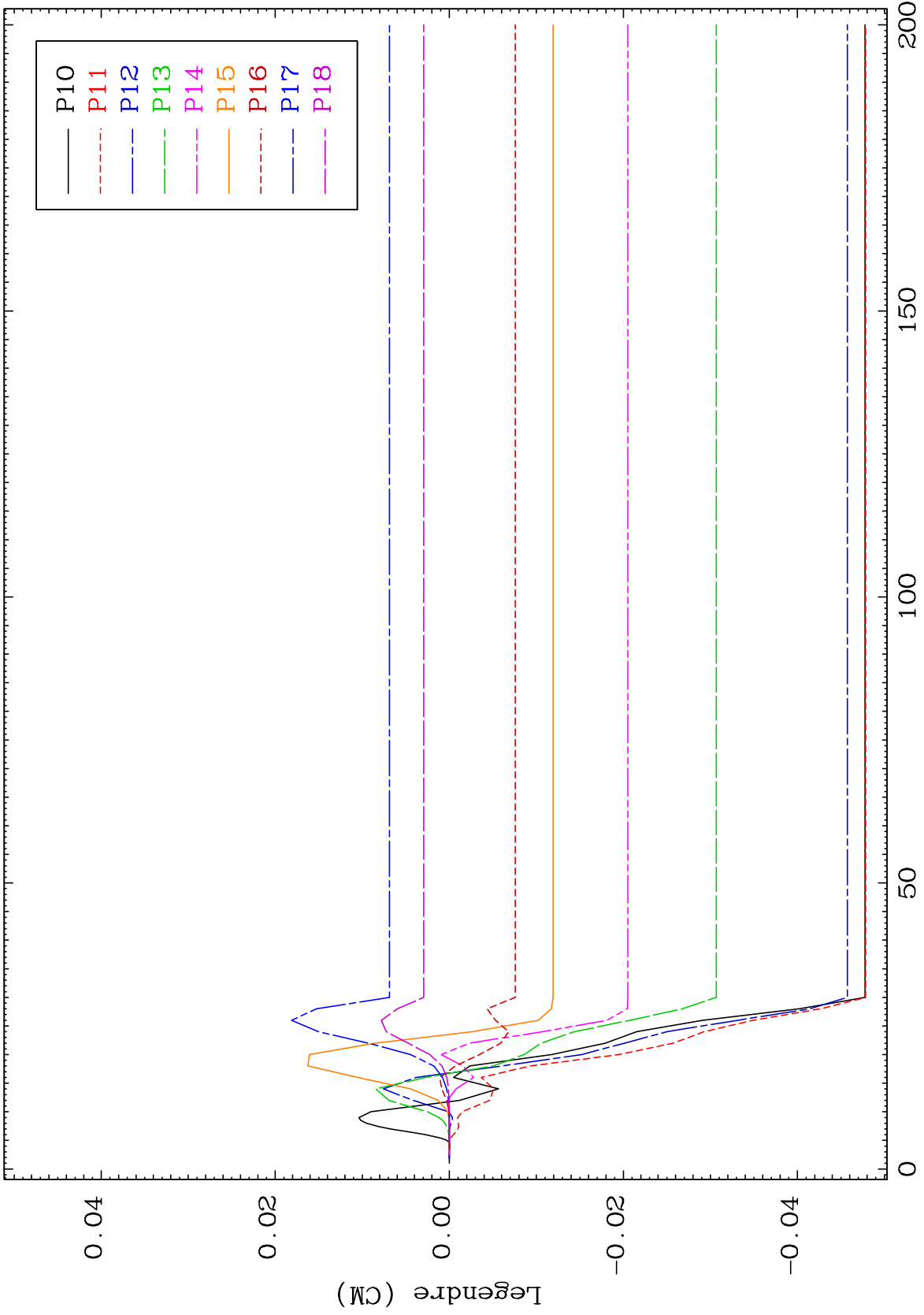
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58-Ce-149

MAT 5864

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

58-Ce-149



21

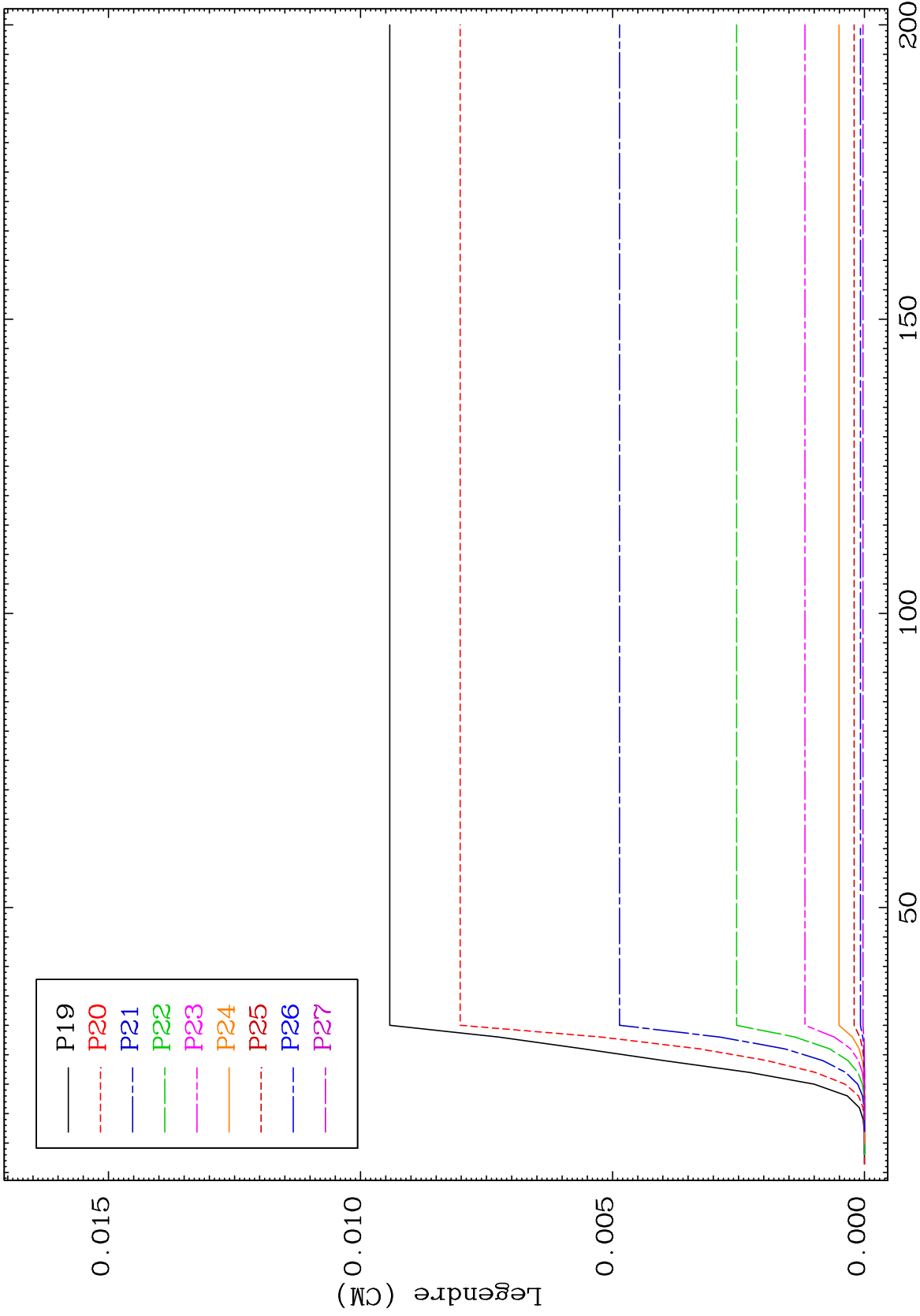
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



22

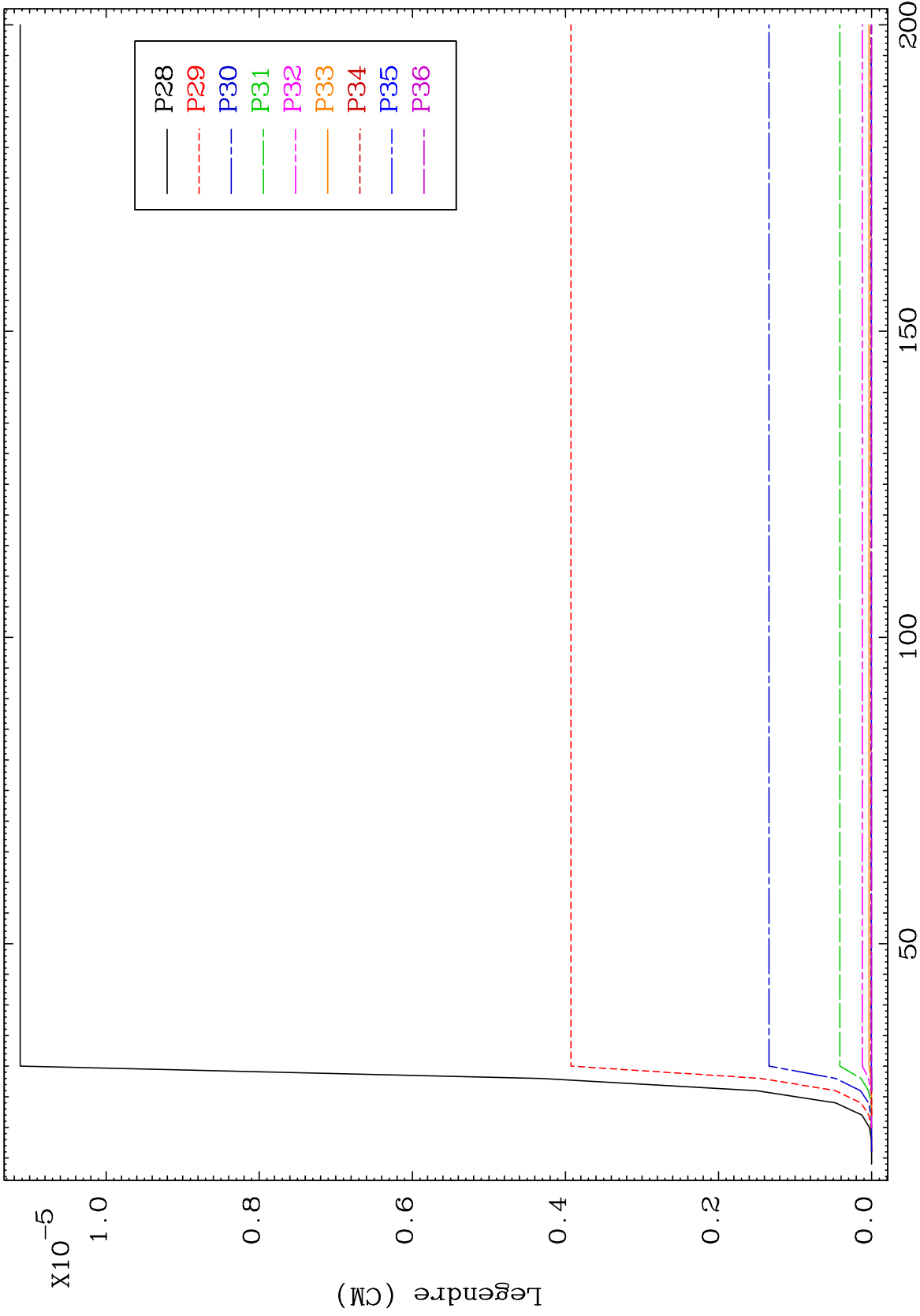
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149

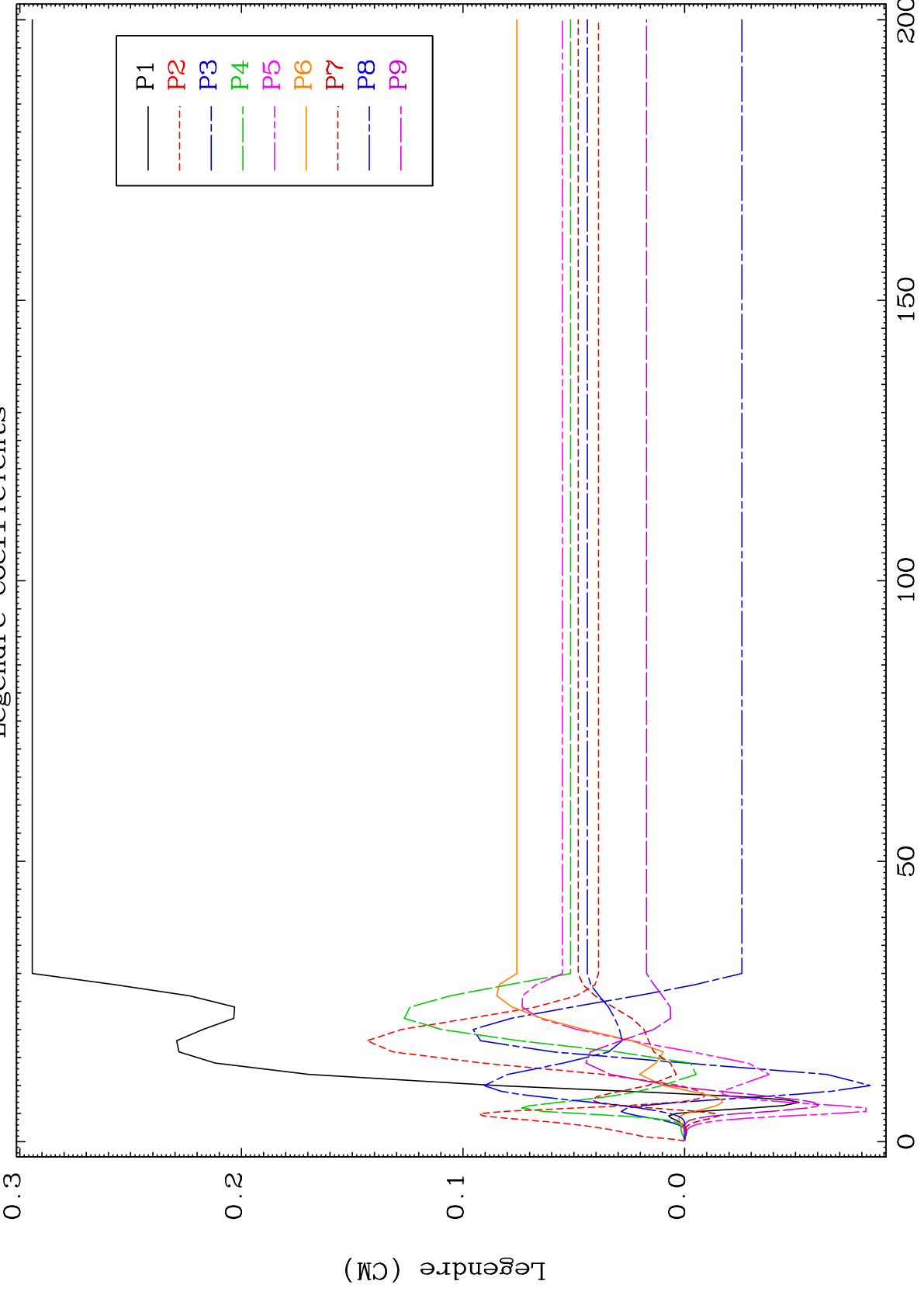


23

58-Ce-149



MAT 5864 MT= 52 (n,n') Level Legendre Coefficients 58-Ce-149

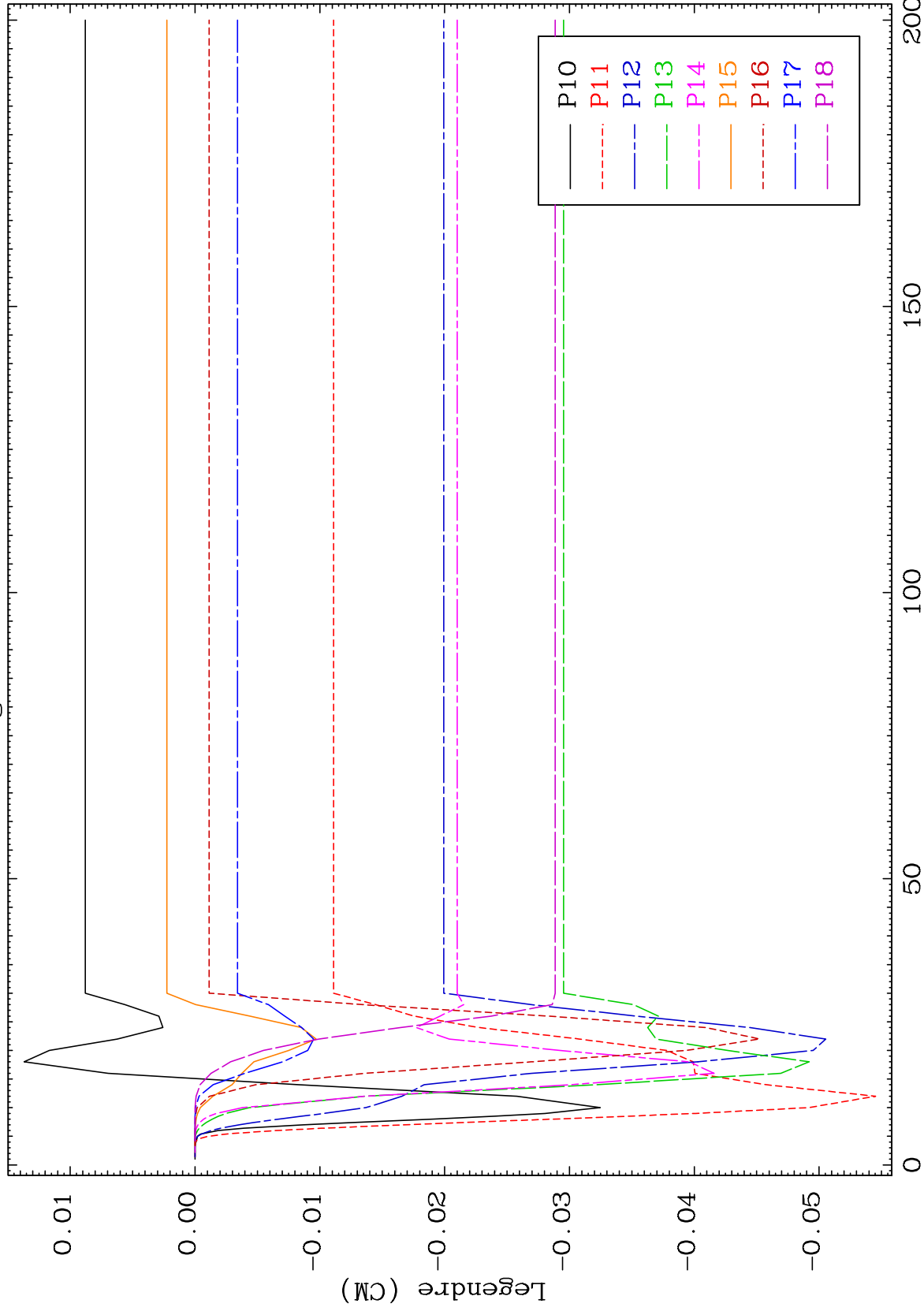


24 58-Ce-149

MAT 5864

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

58-Ce-149



25

Incident Energy (MeV)

50

58-Ce-149

100

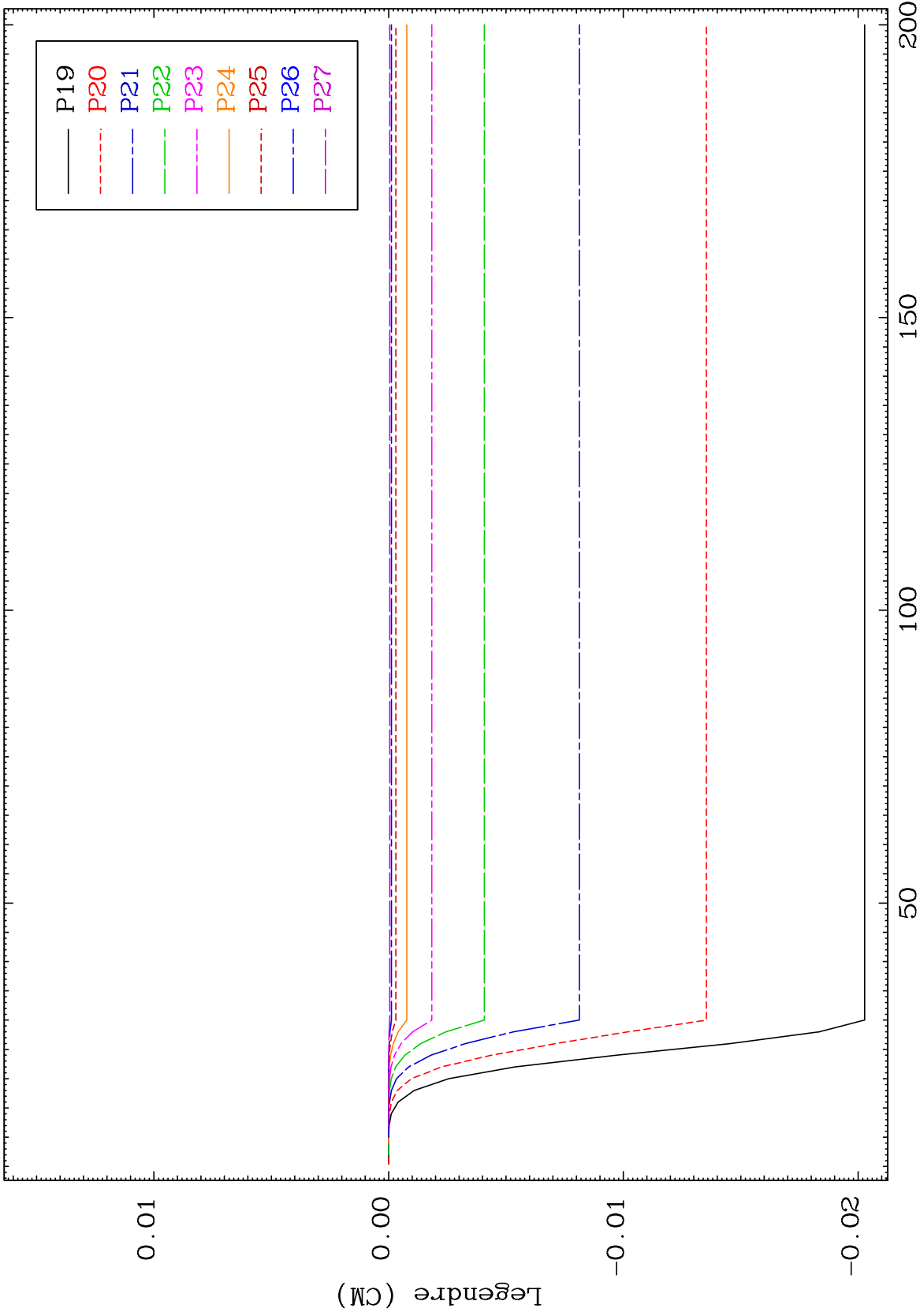
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200

MAT 5864

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

58-Ce-149



26

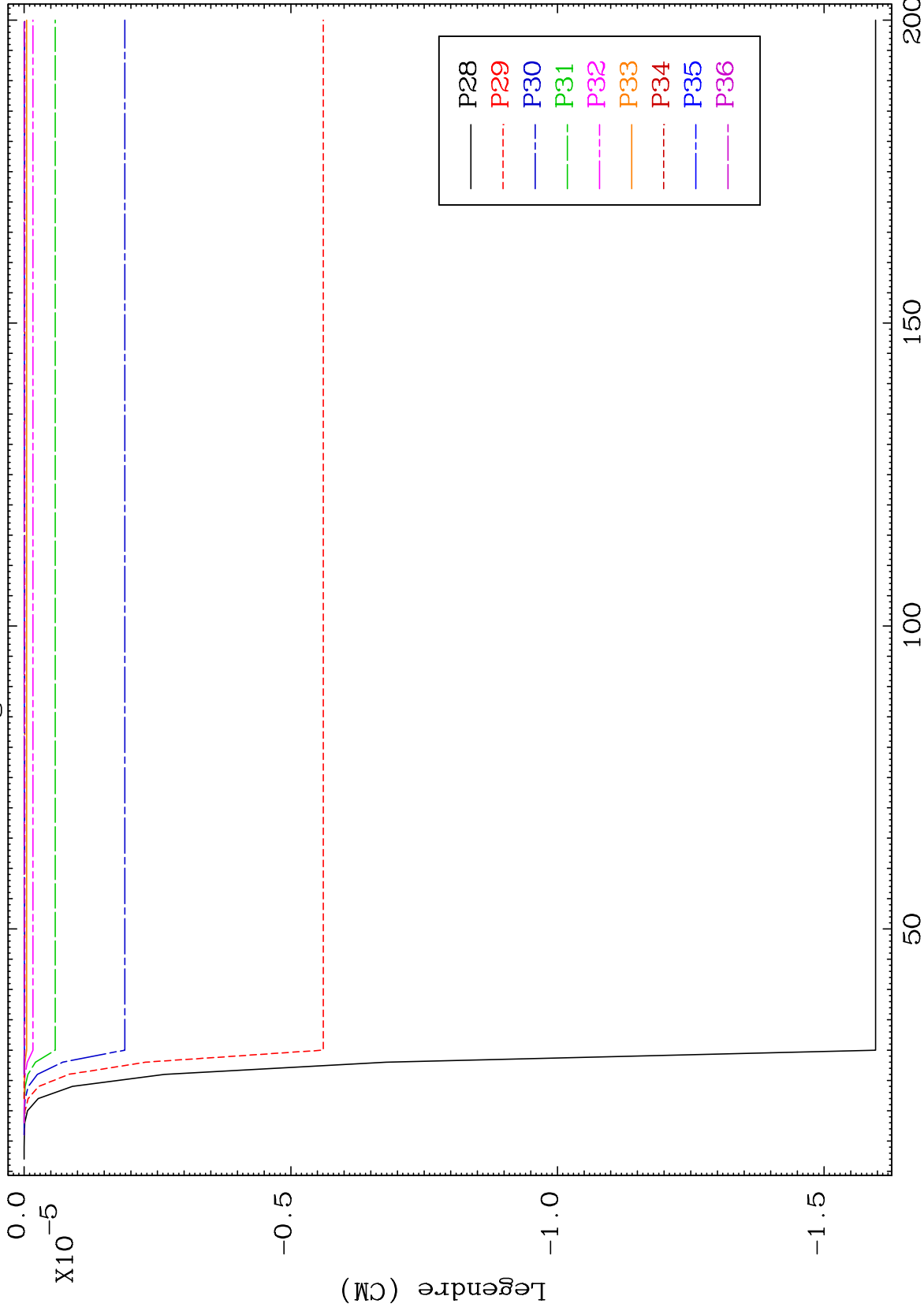
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

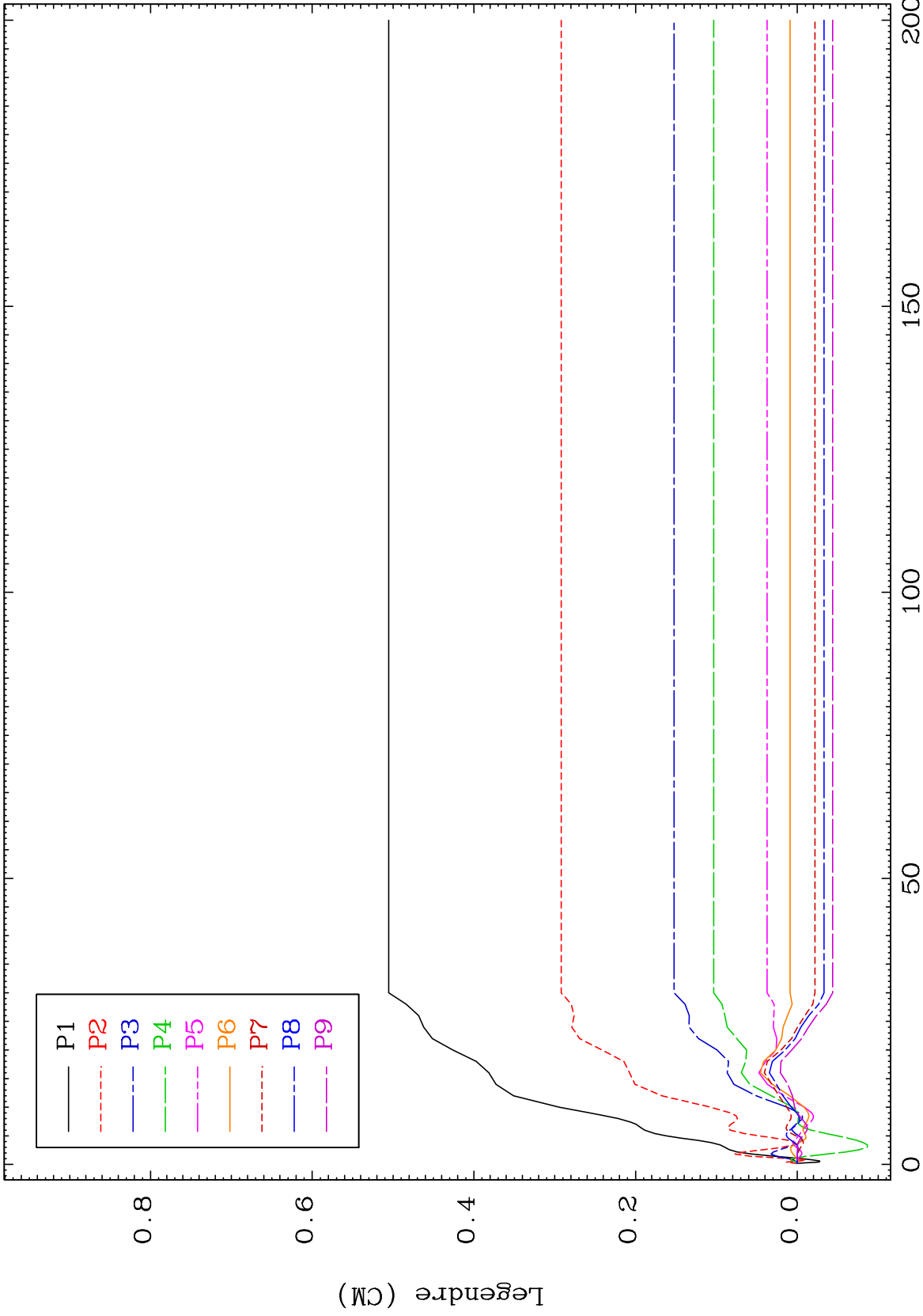
Incident Energy (MeV)

27

MAT 5864

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

58-Ce-149



28

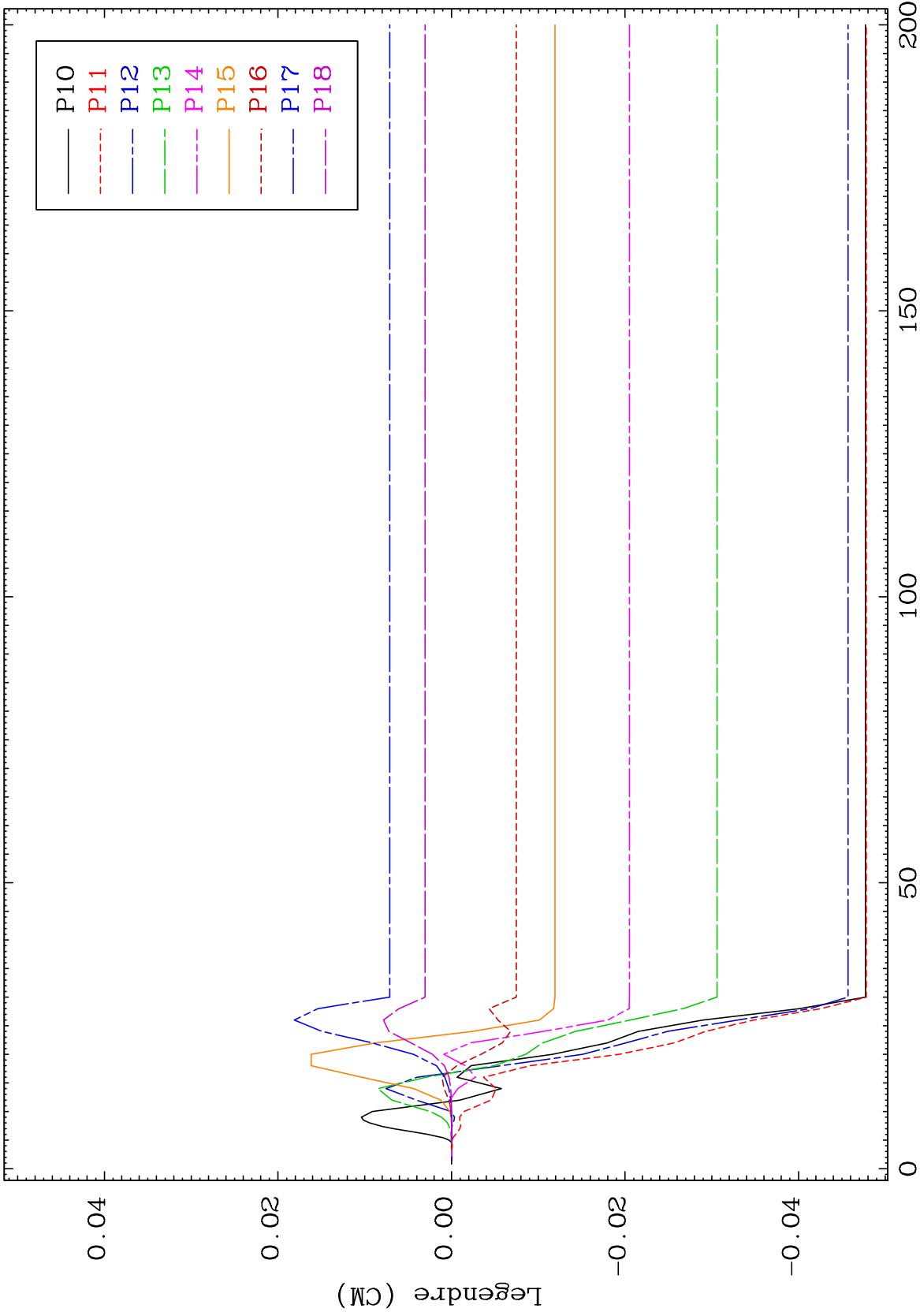
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



29

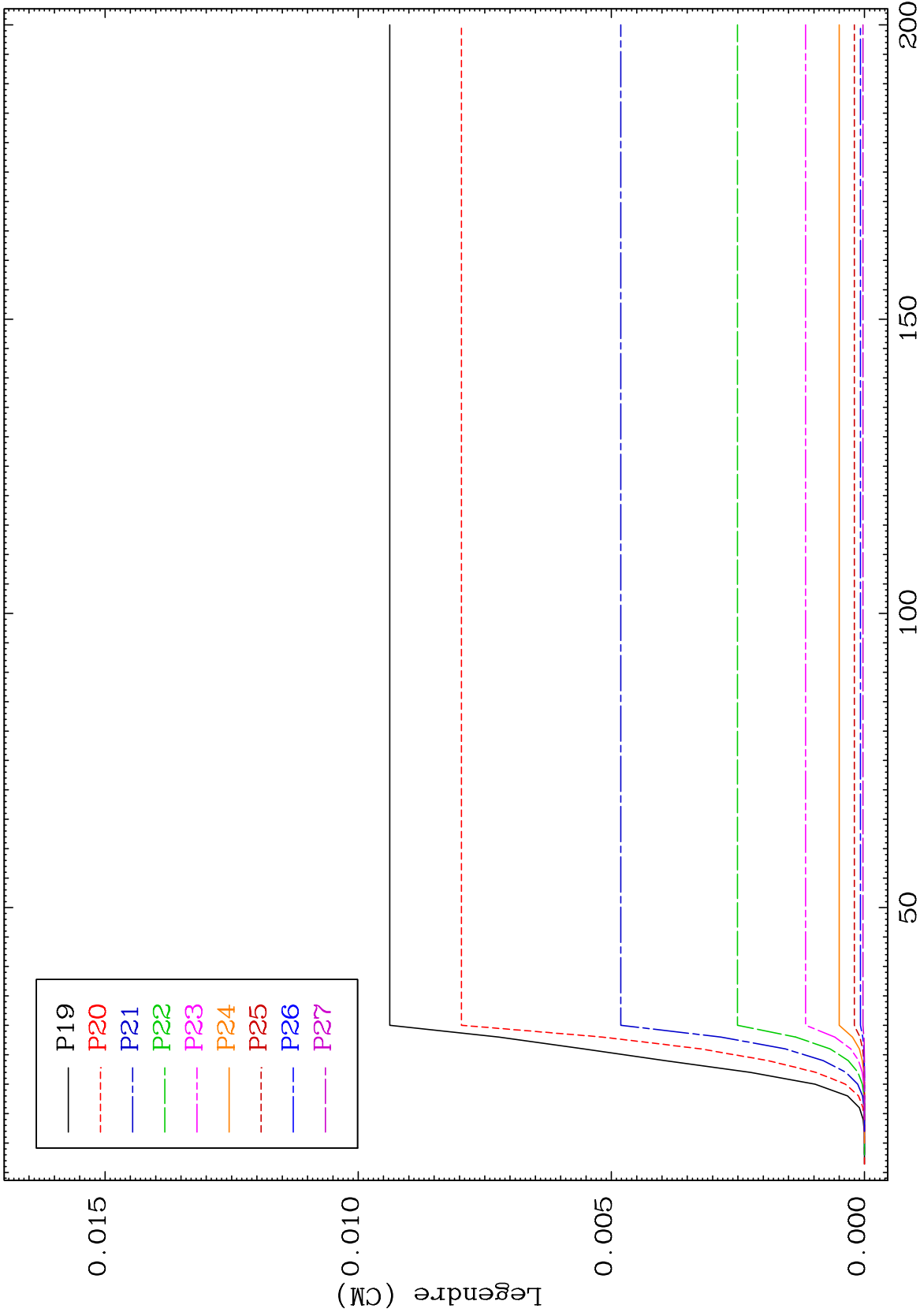
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



30

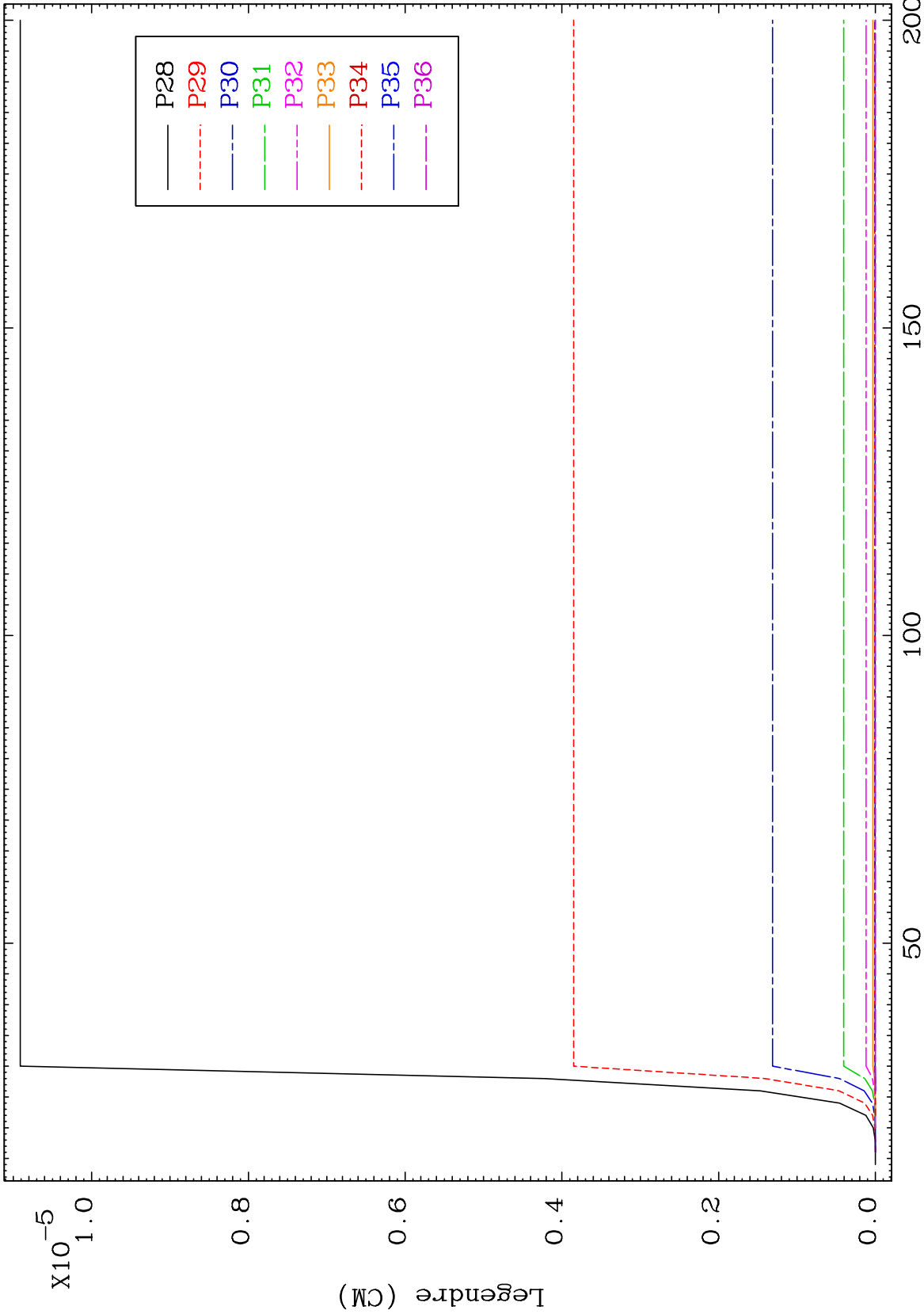
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



31

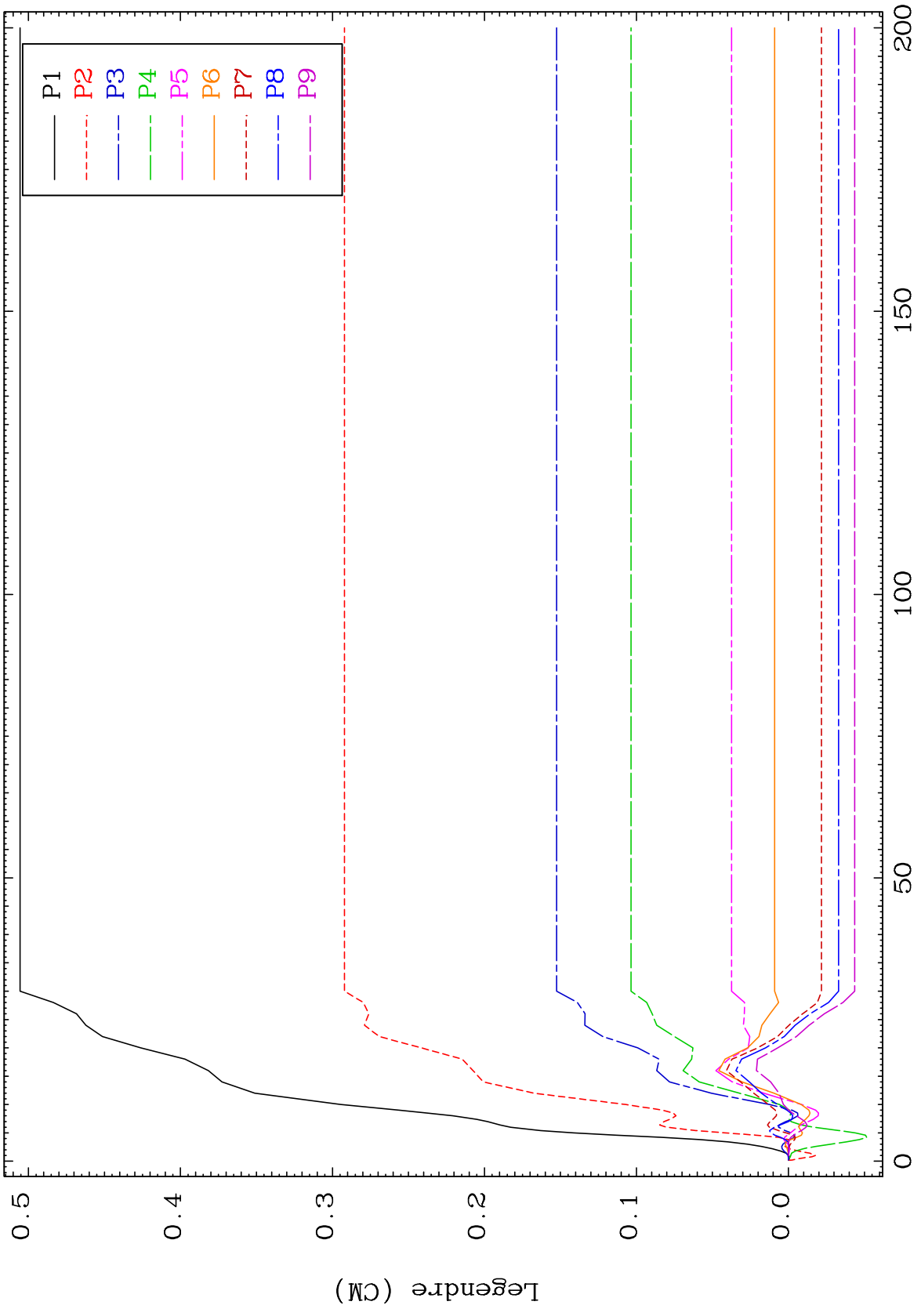
58-Ce-149



MAT 5864

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

58-Ce-149



32

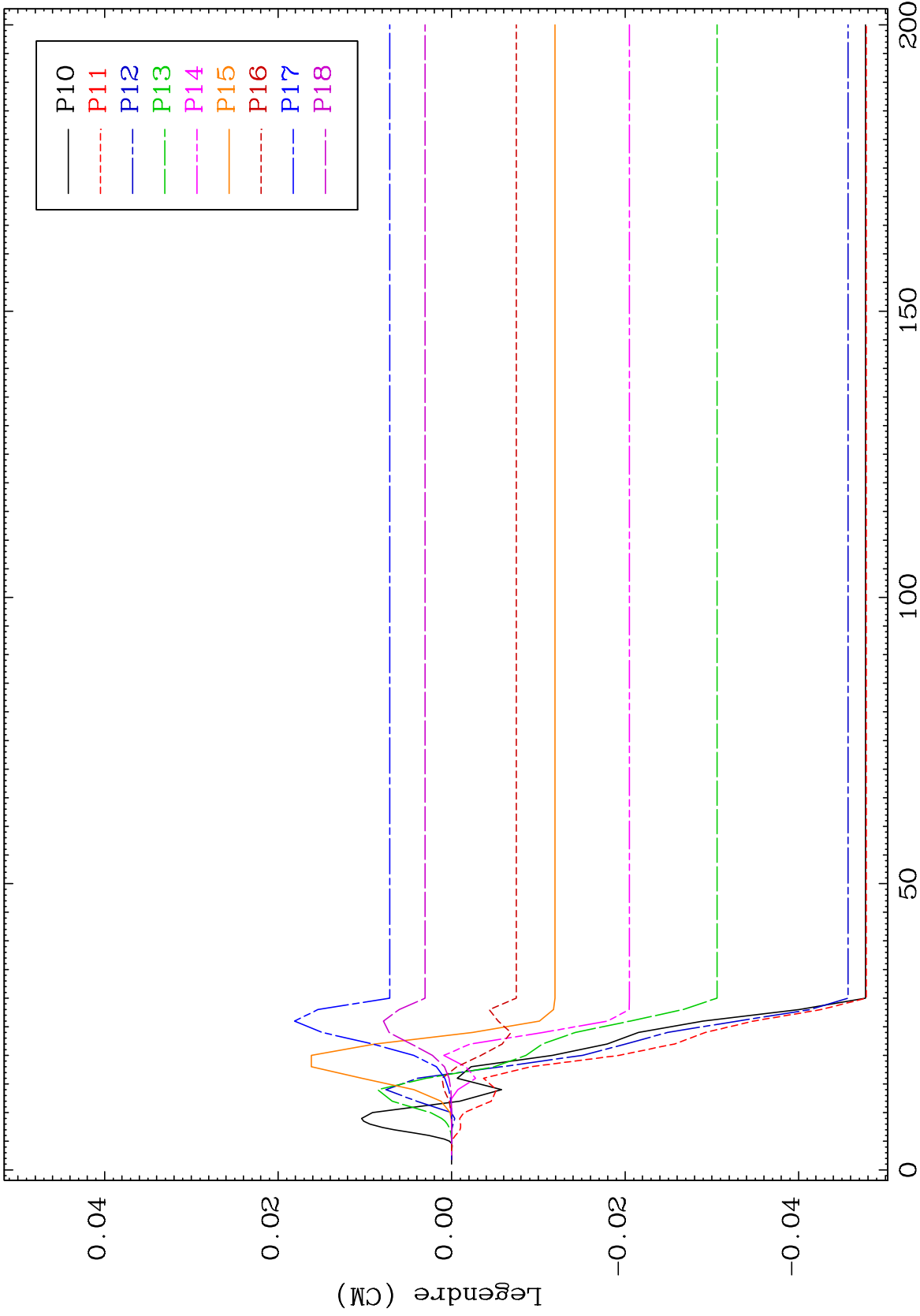
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



33

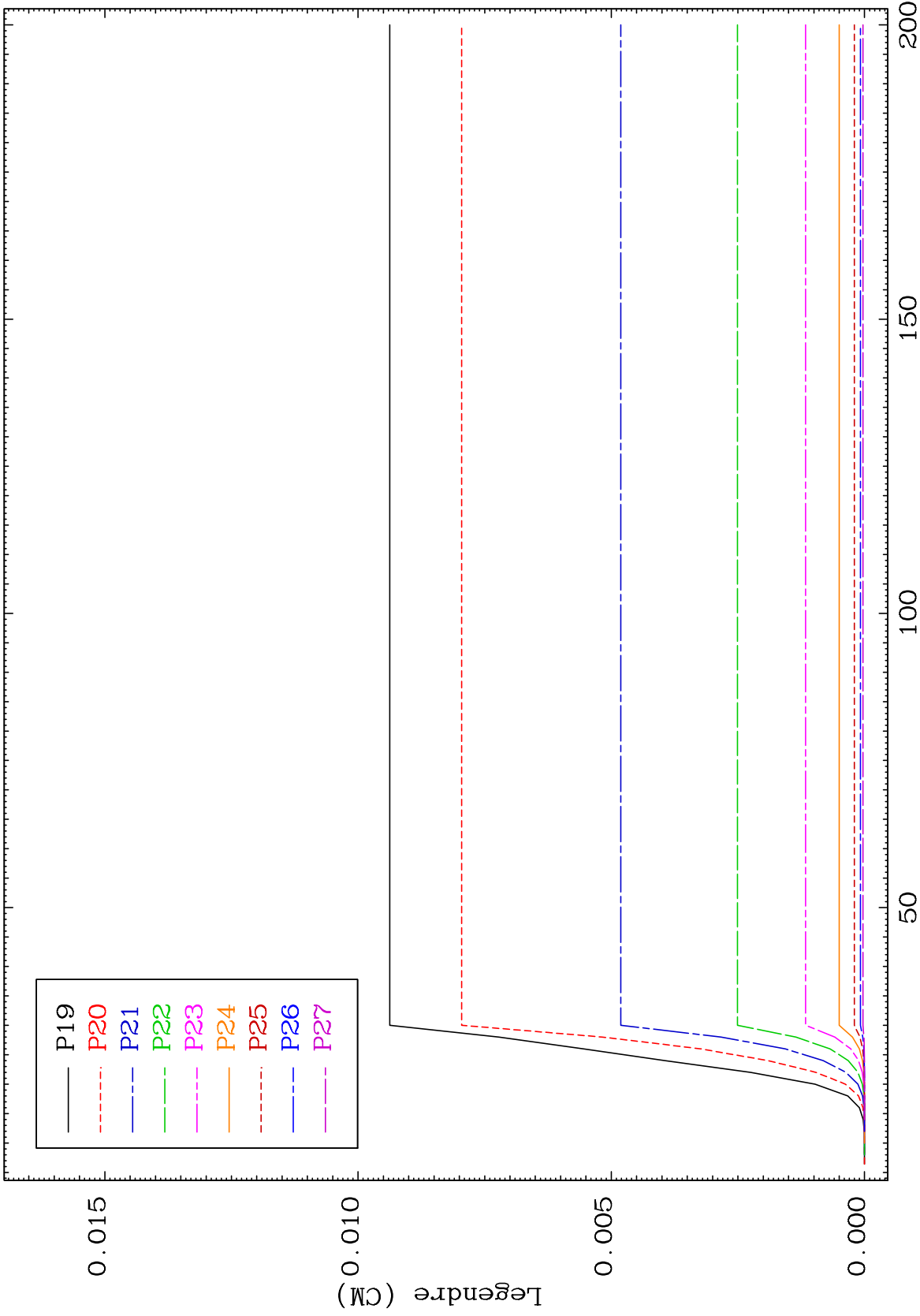
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



34

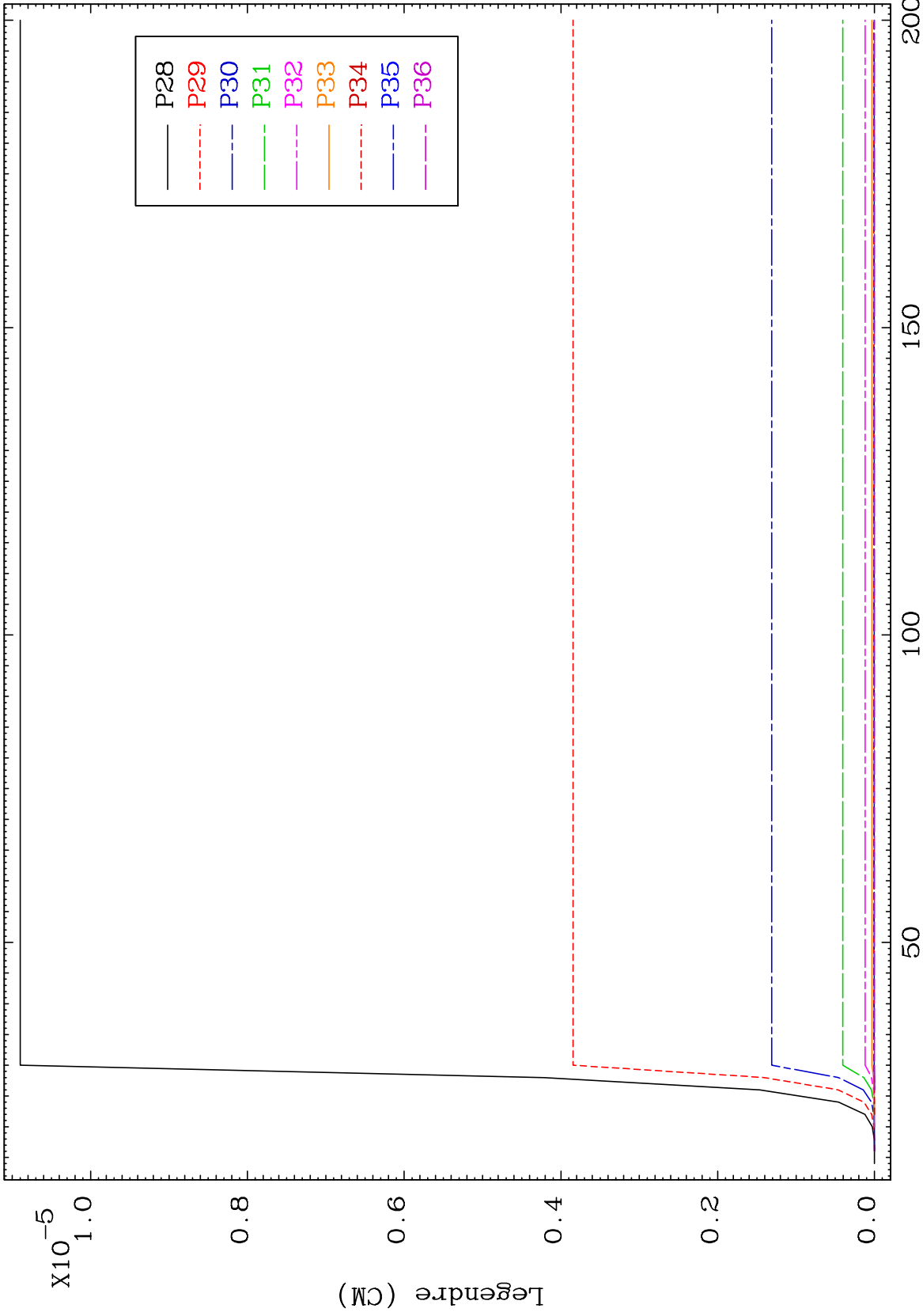
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



35

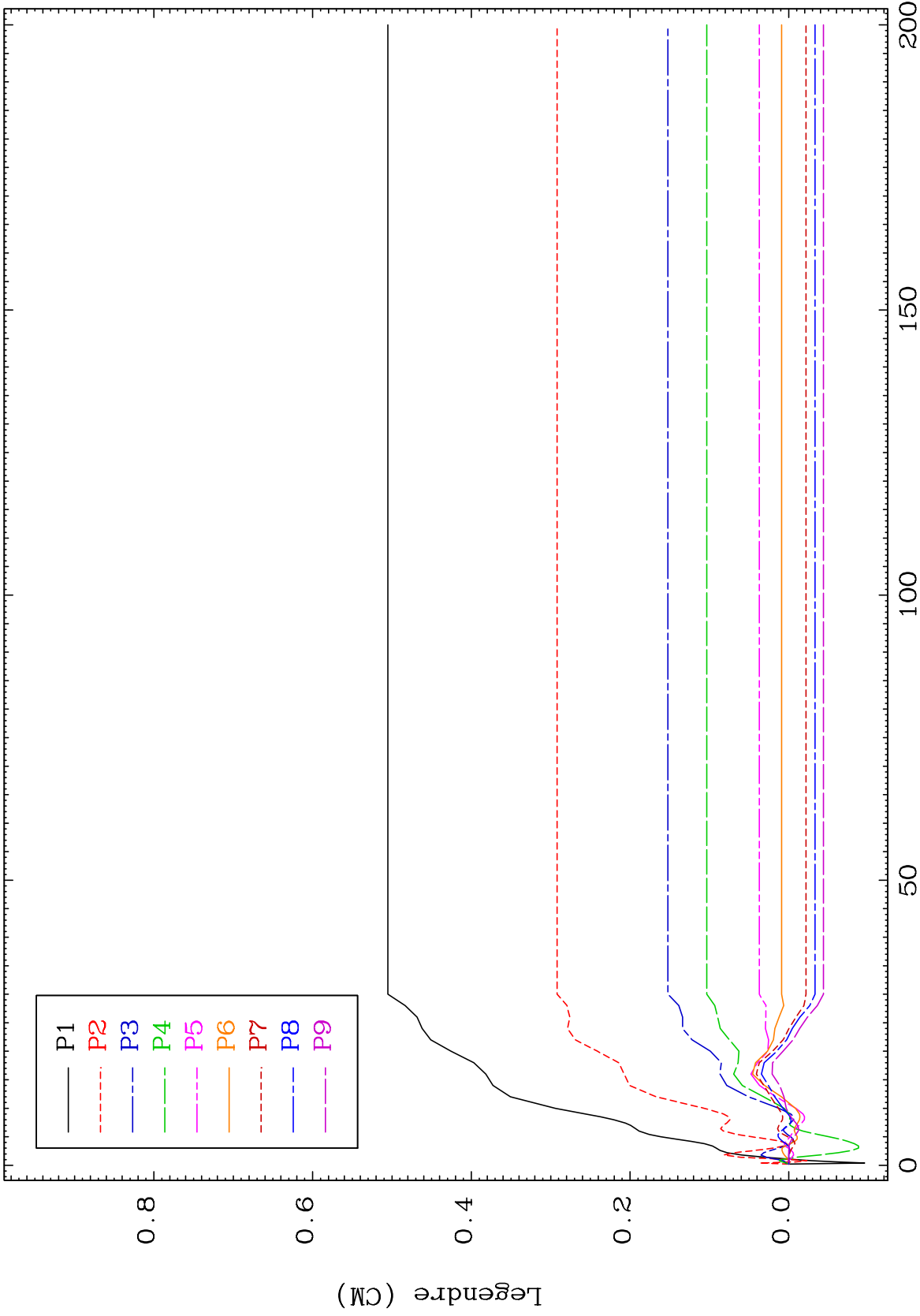
58-Ce-149

58-Ce-149

MAT 5864

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

58-Ce-149



36

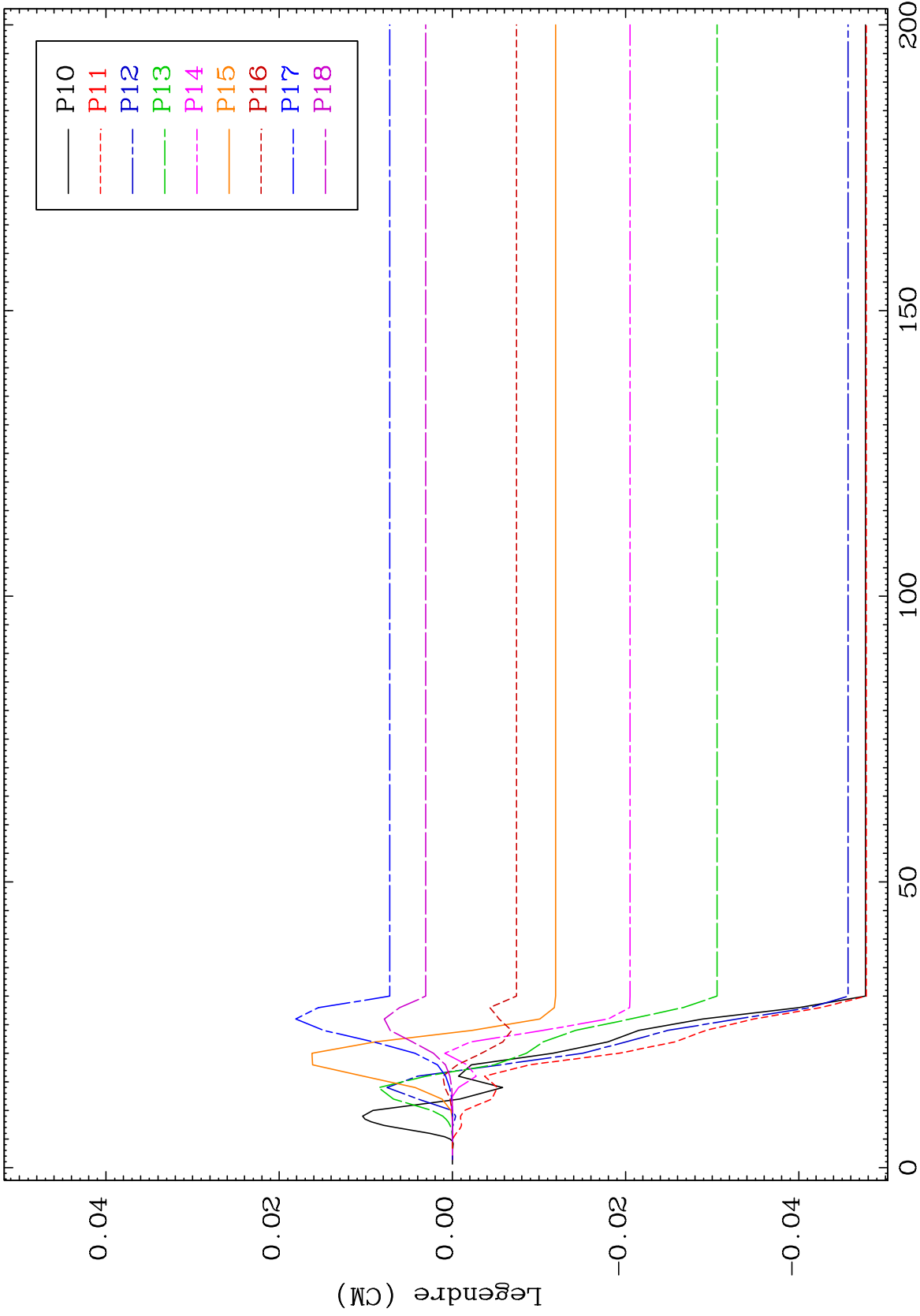
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



37

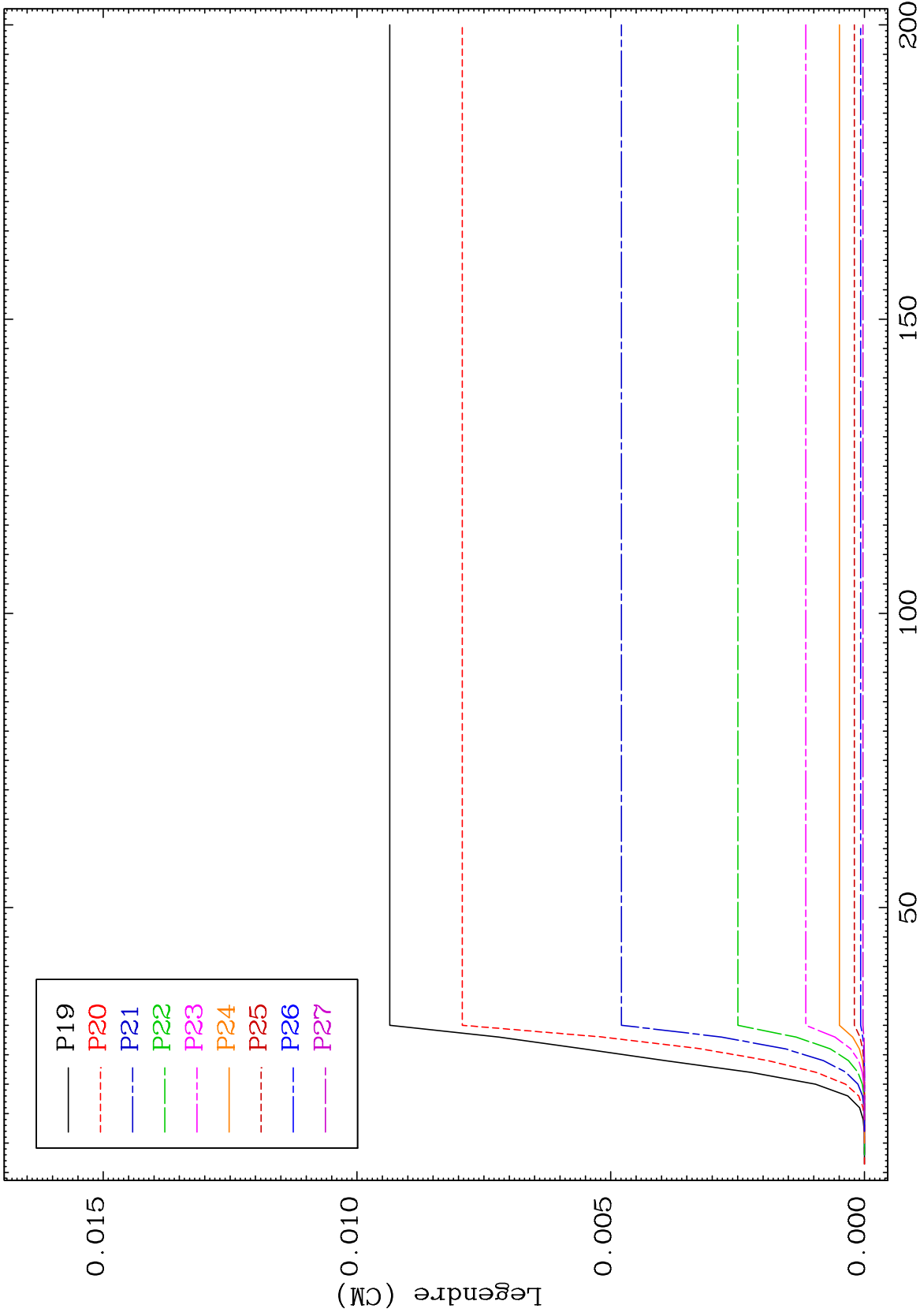
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



38

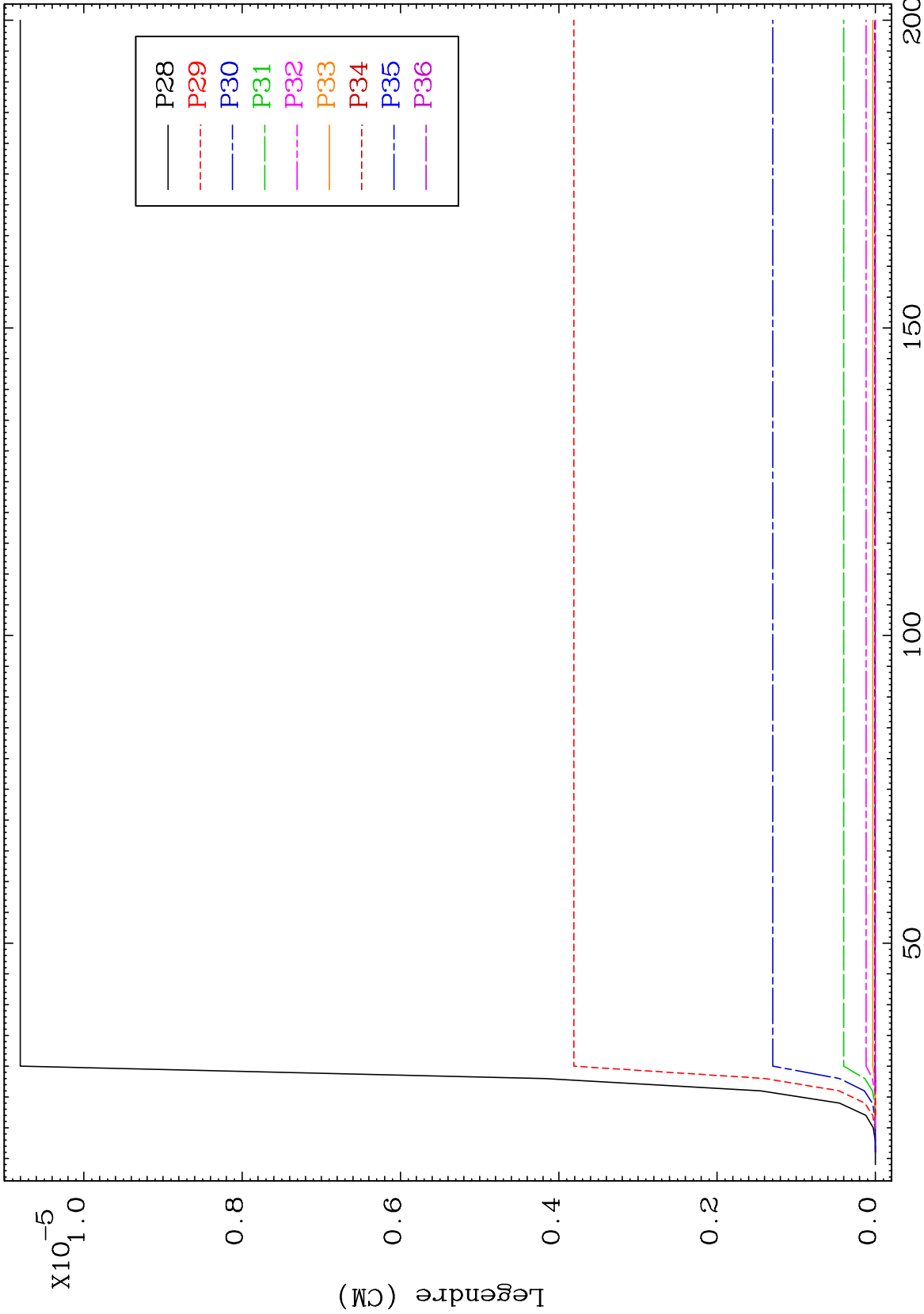
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



39

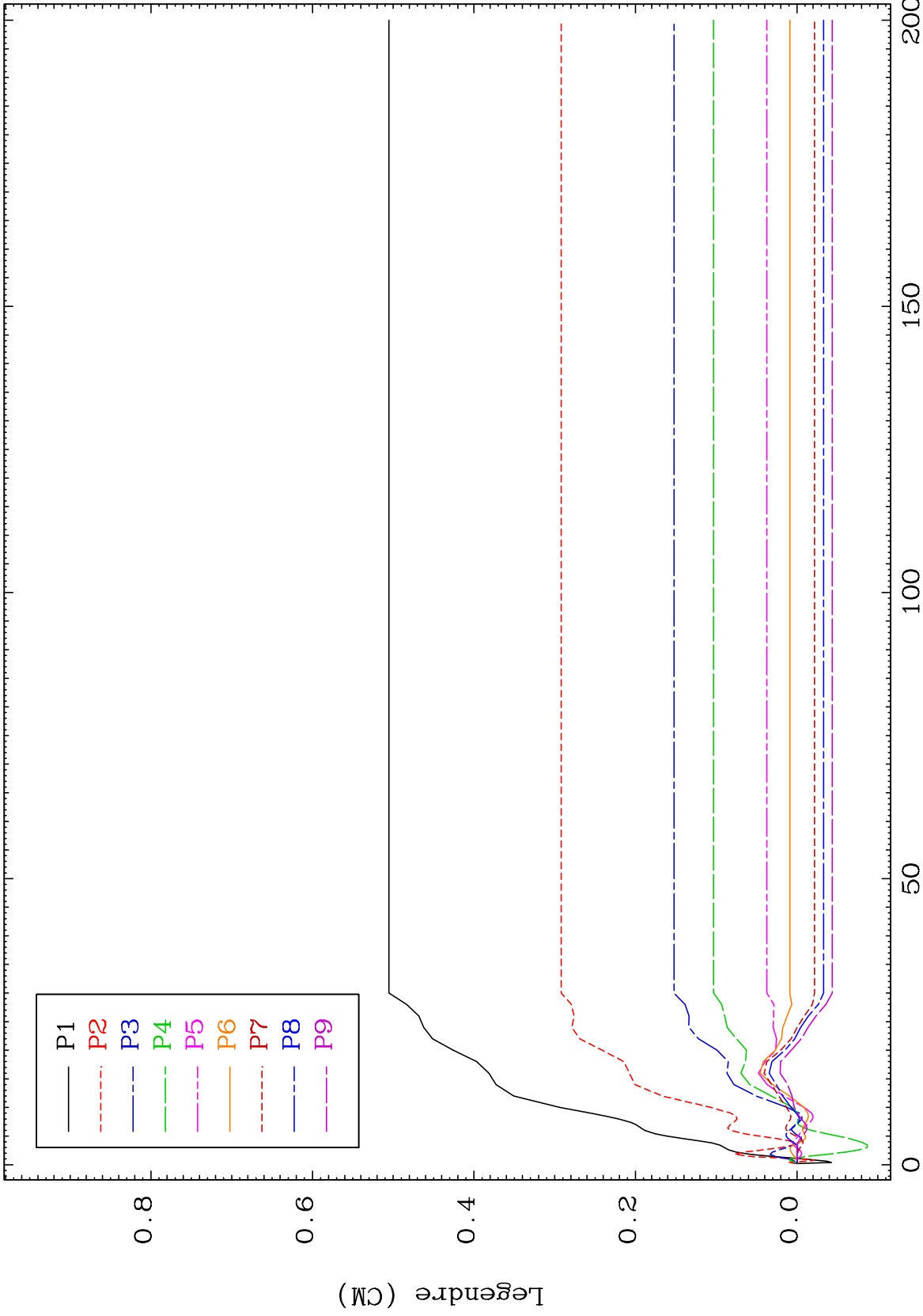
58-Ce-149



MAT 5864

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

58-Ce-149



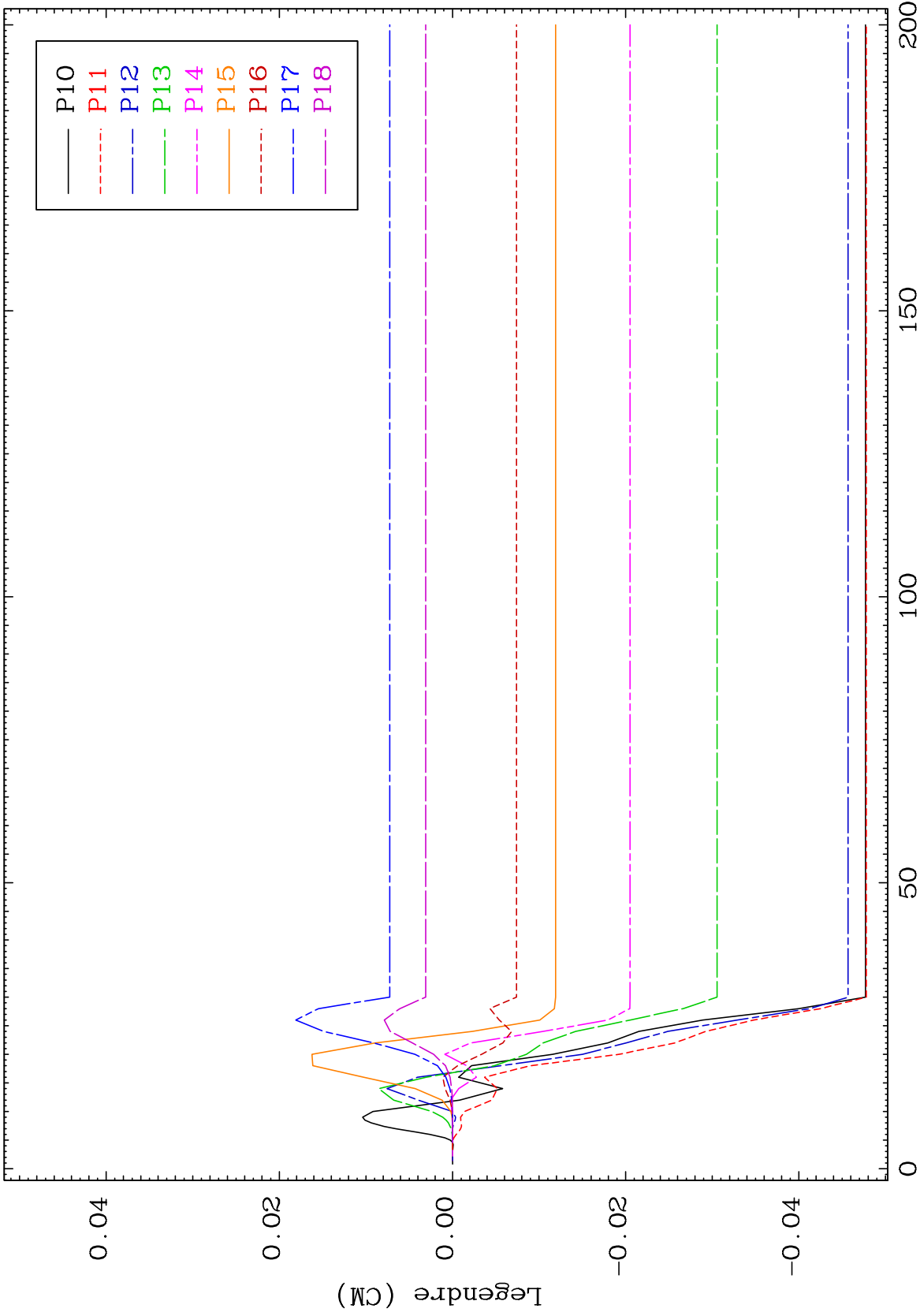
58-Ce-149

Incident Energy (MeV)

MAT 5864

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

58-Ce-149



41

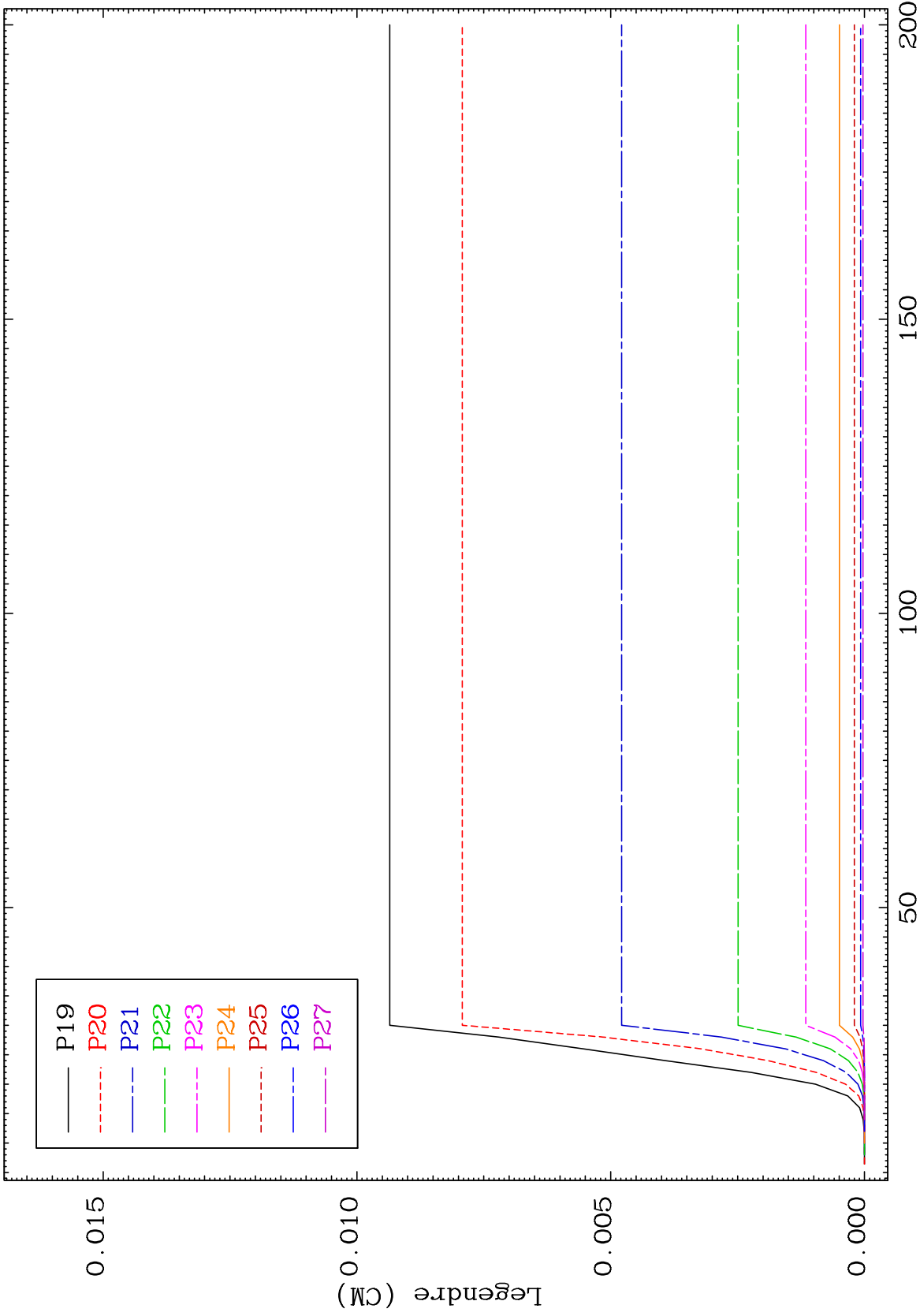
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



42

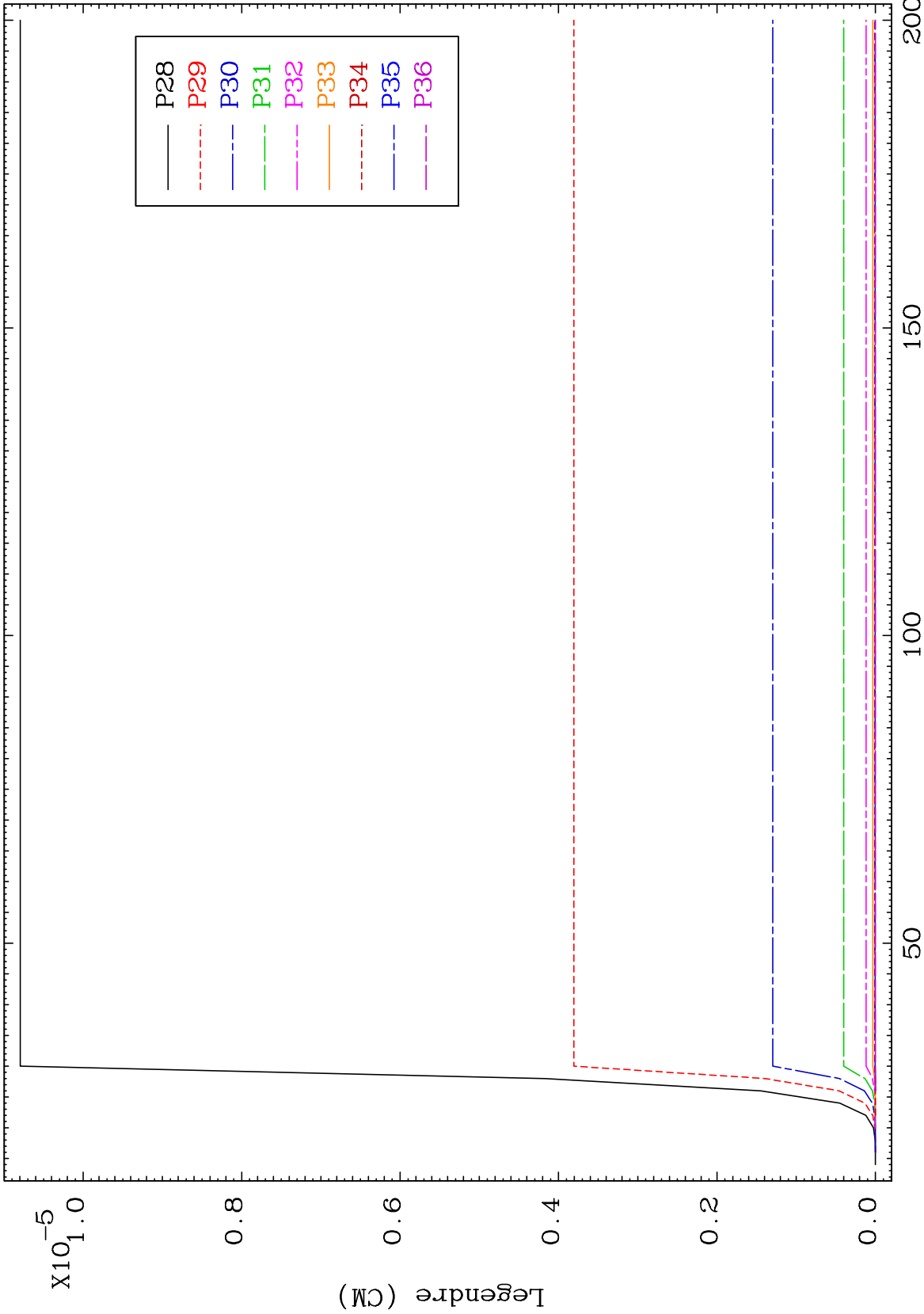
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



43

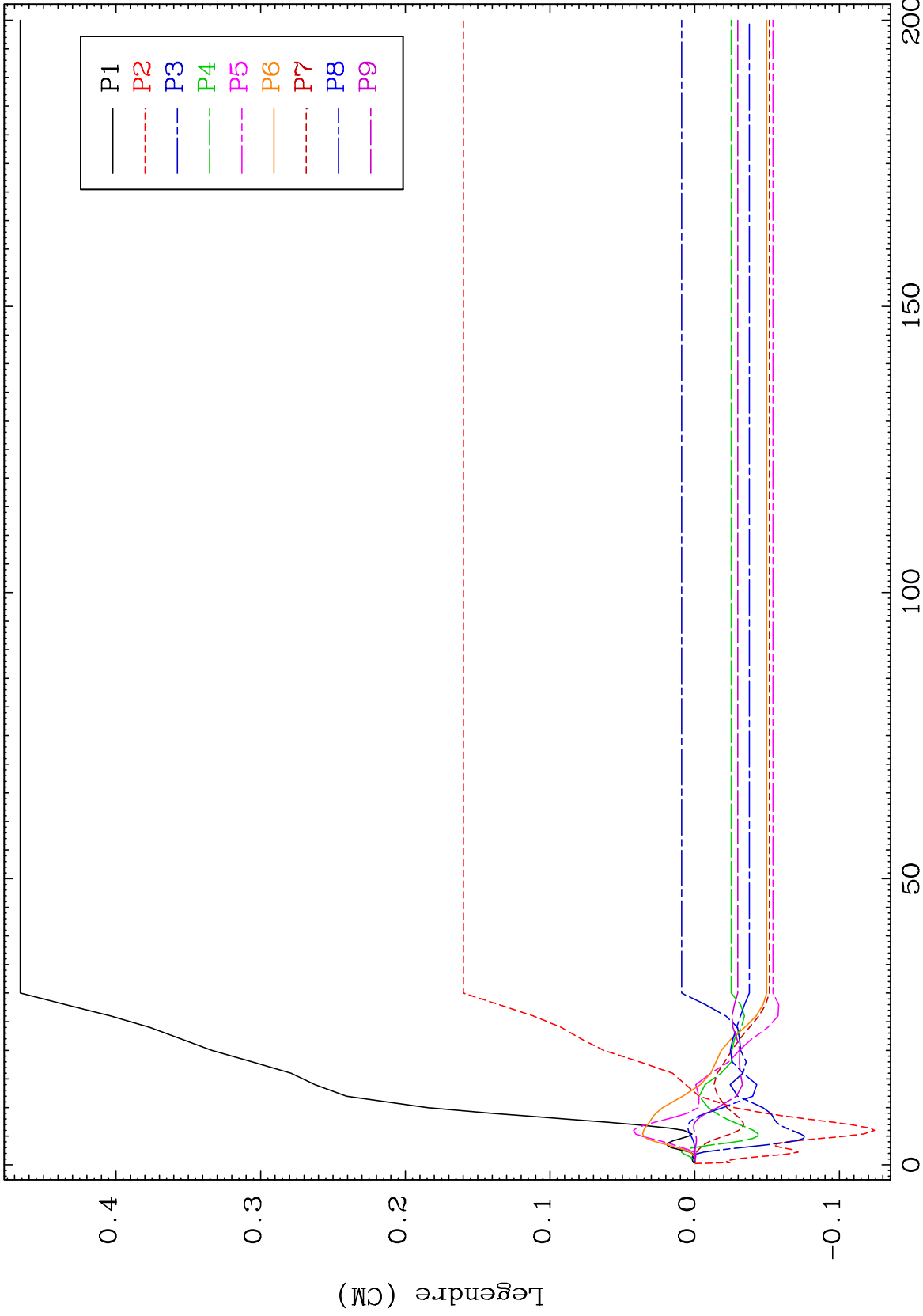
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



44

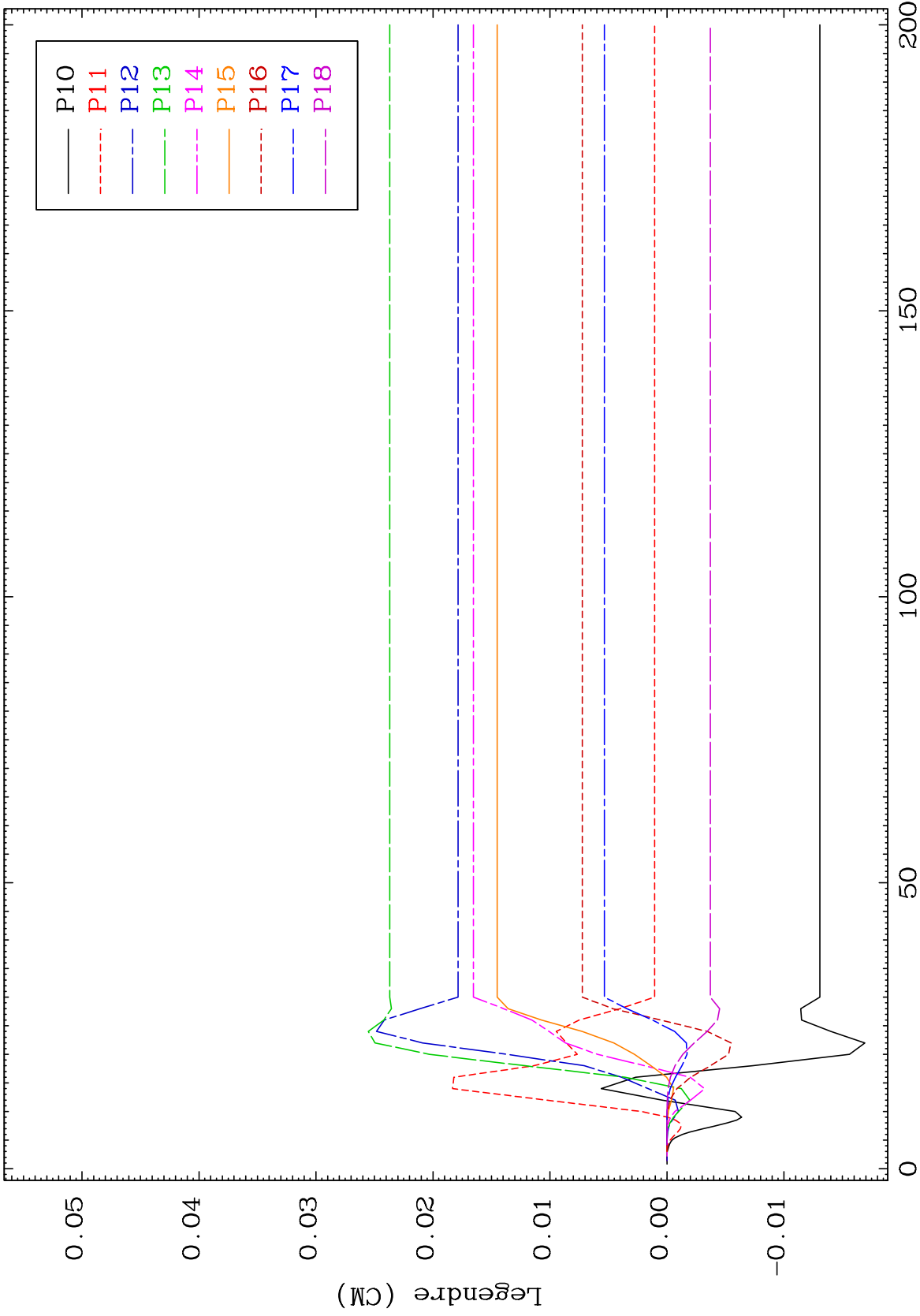
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



45

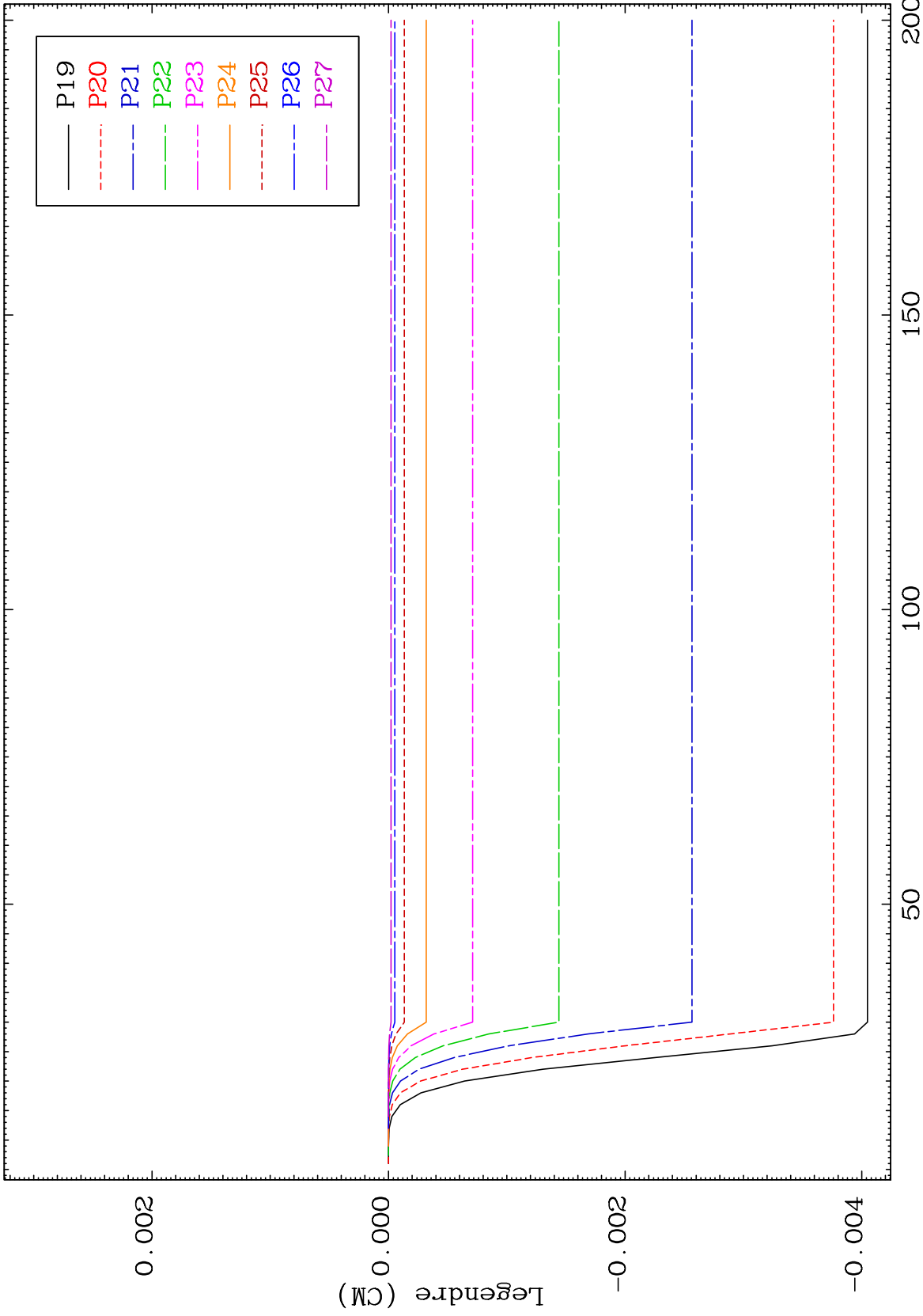
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



46

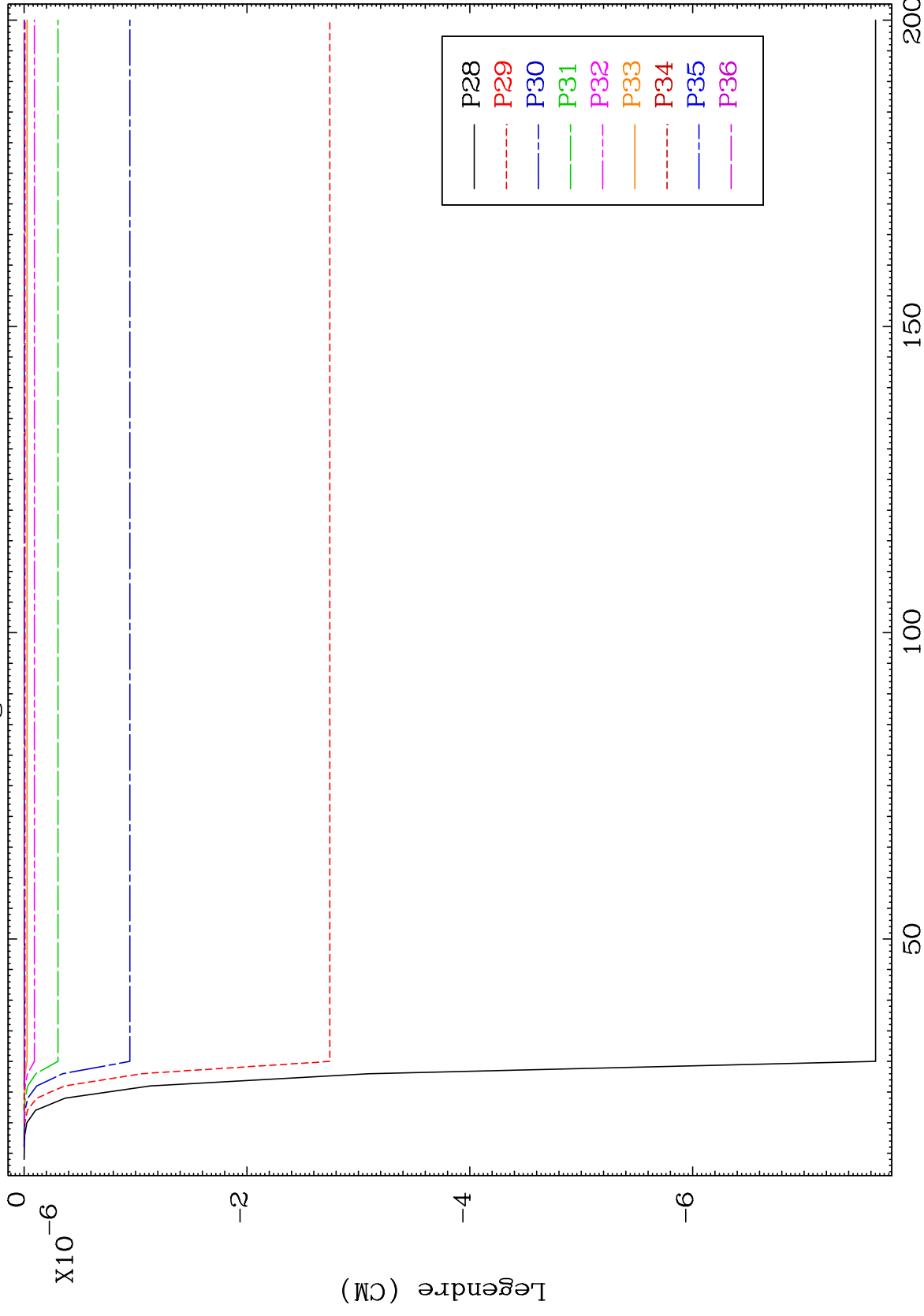
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

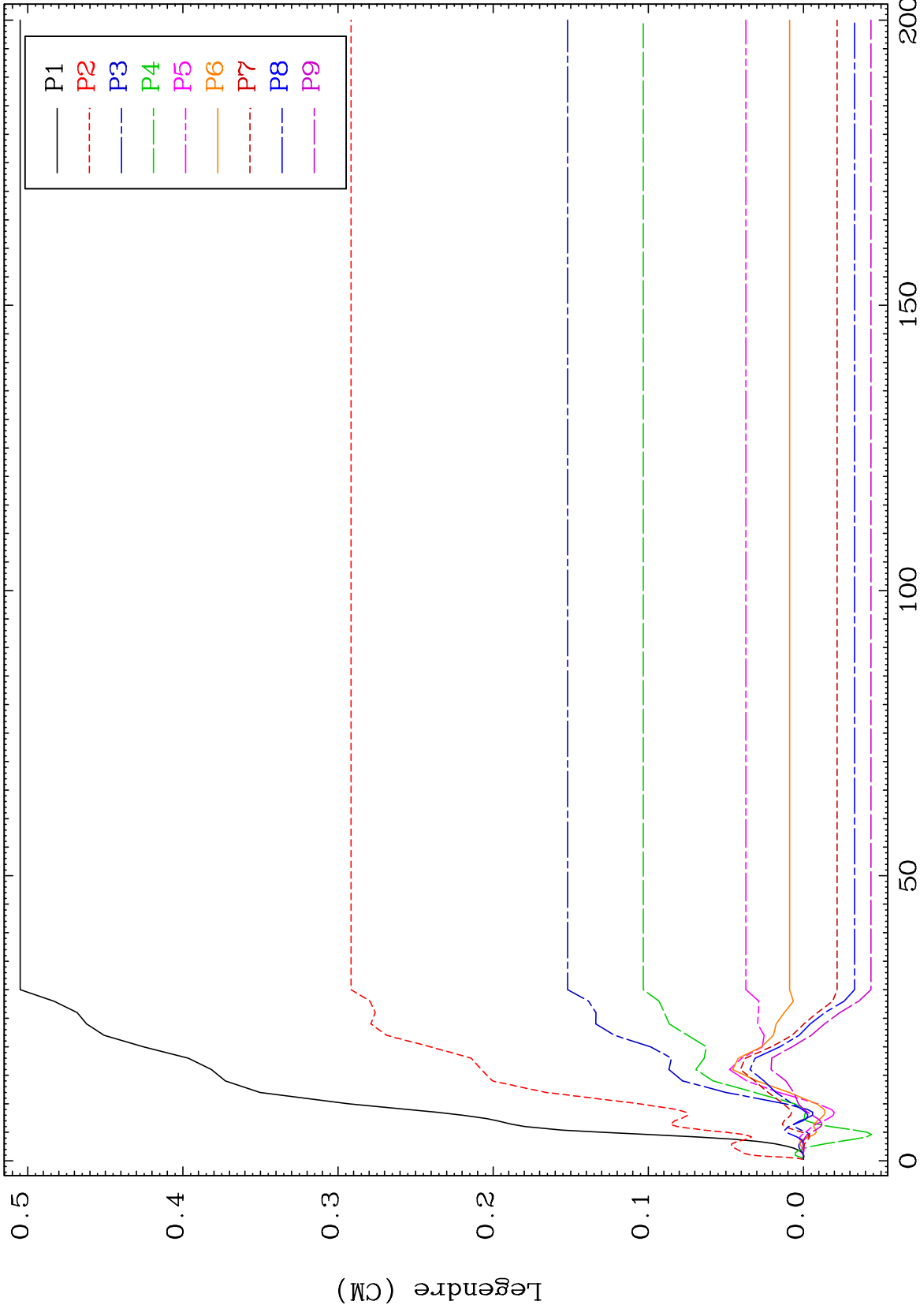
47



MAT 5864

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

58-Ce-149



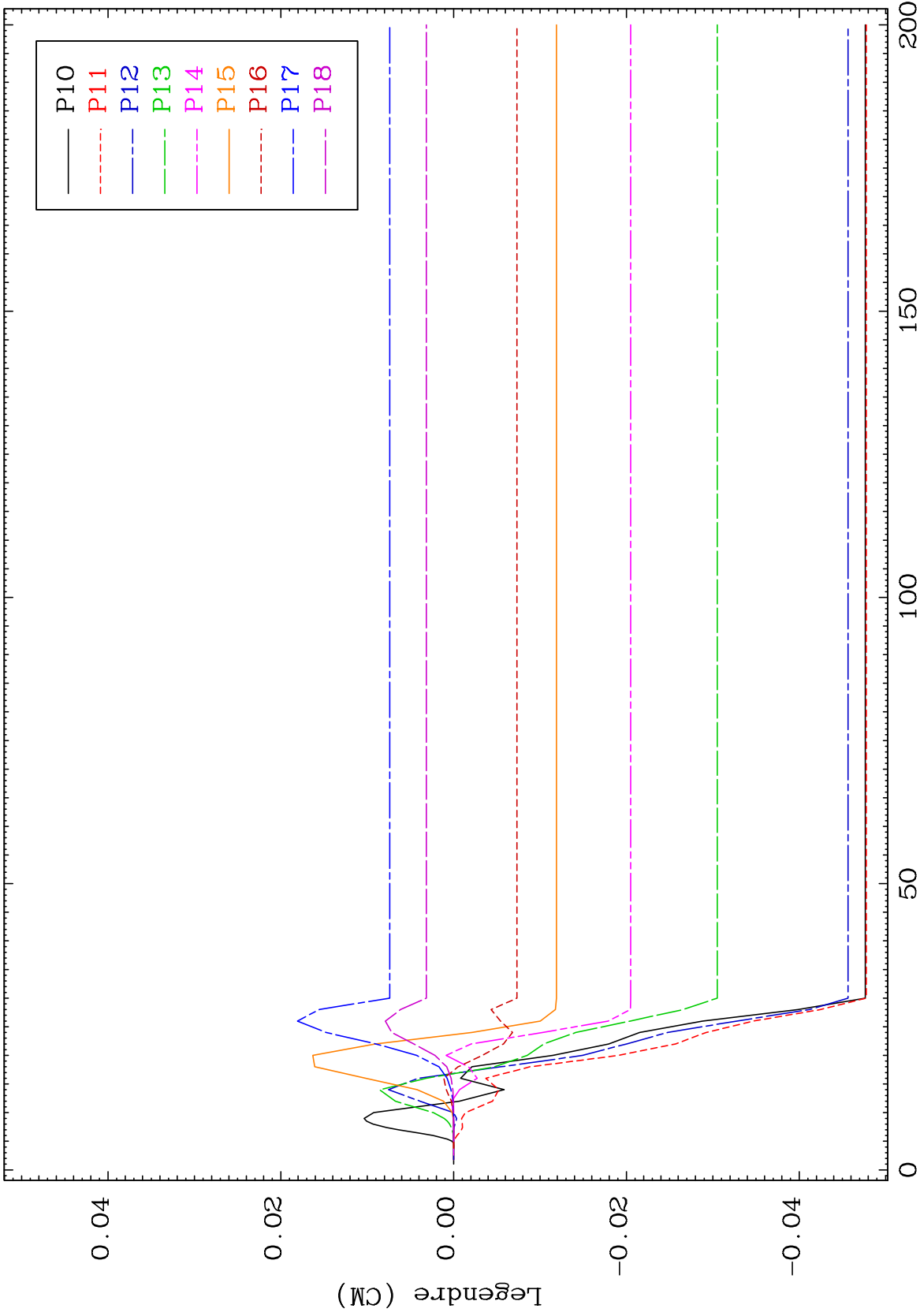
48

58-Ce-149

MAT 5864

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

58-Ce-149



49

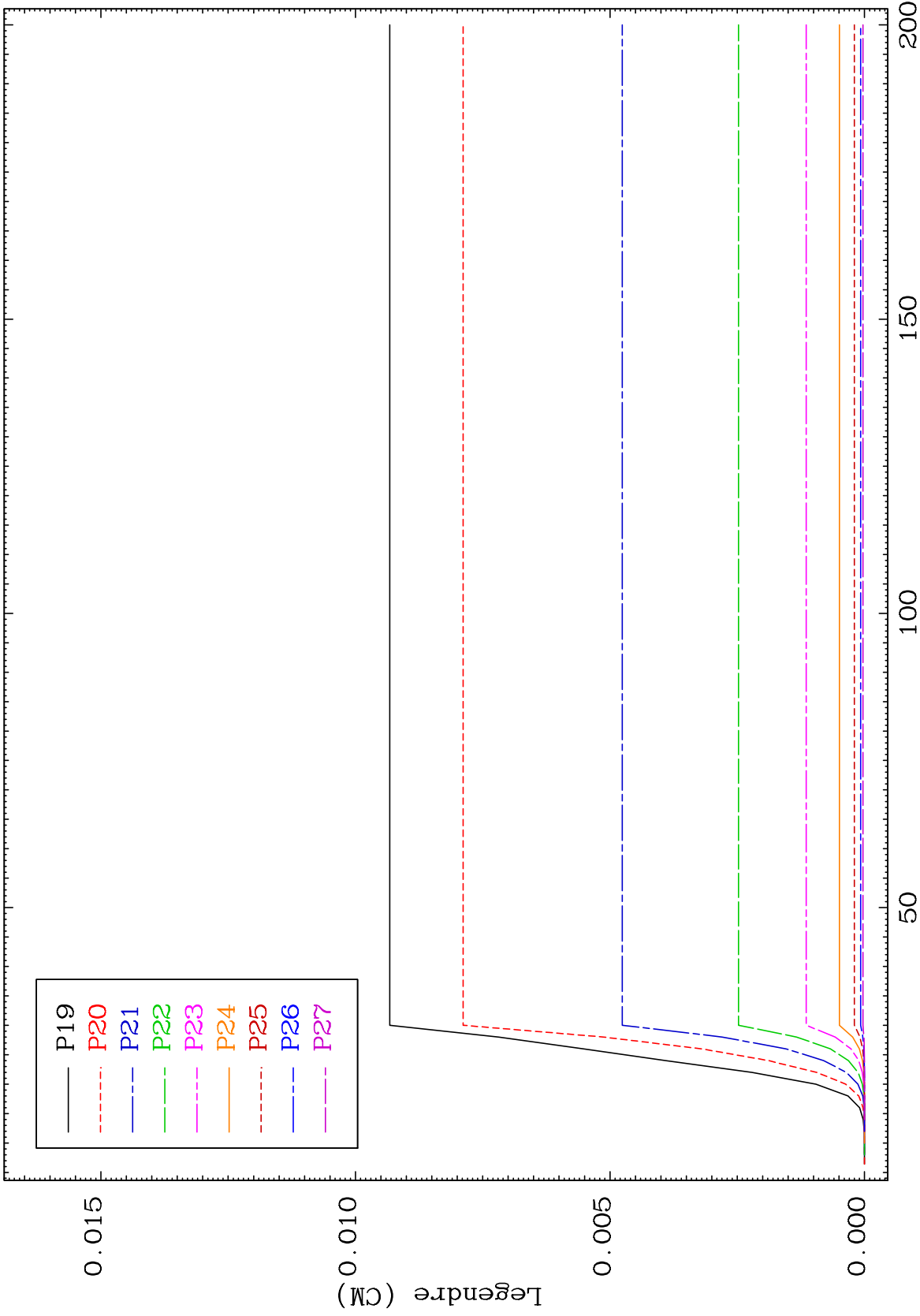
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



50

50

100

150

200

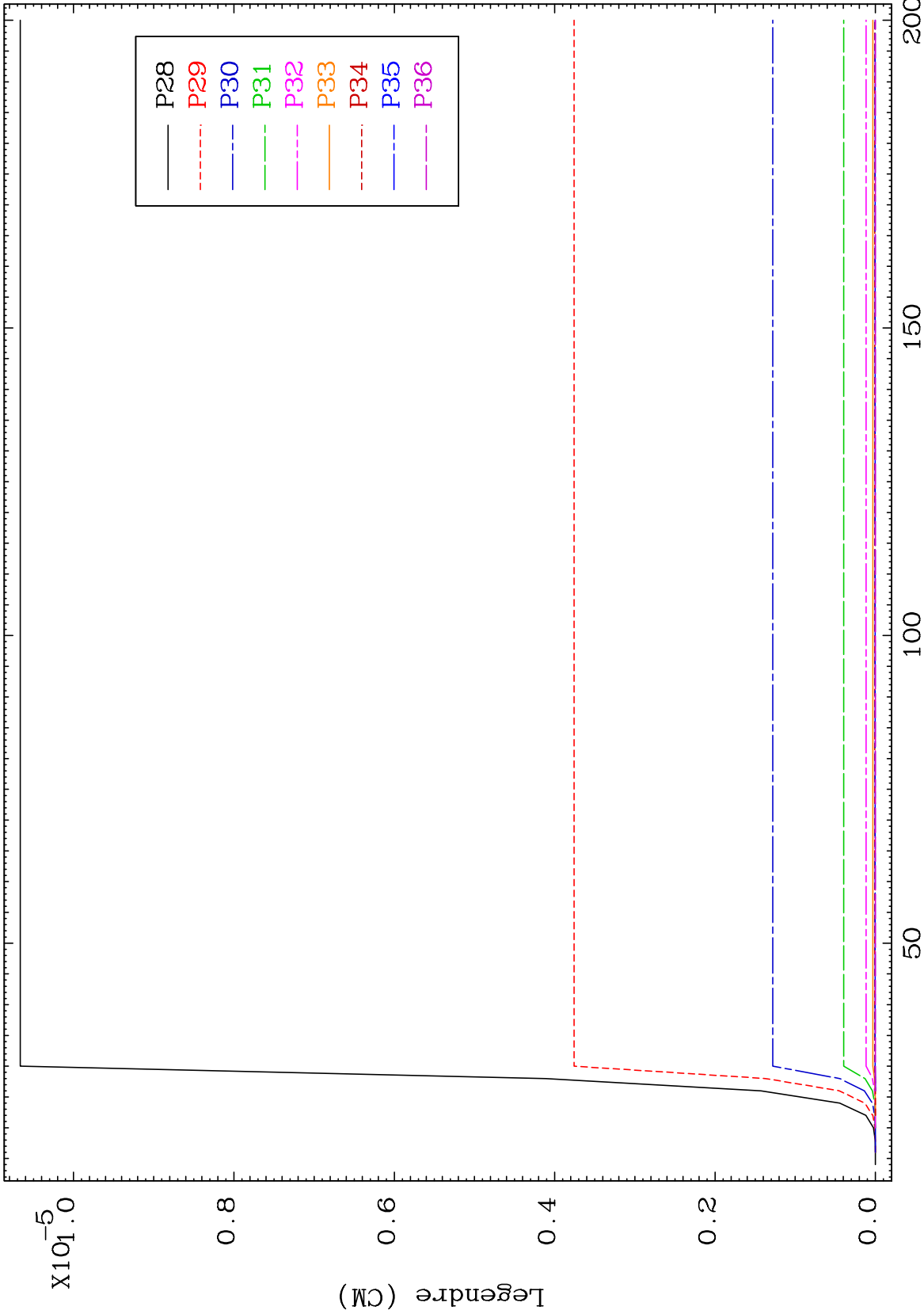
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



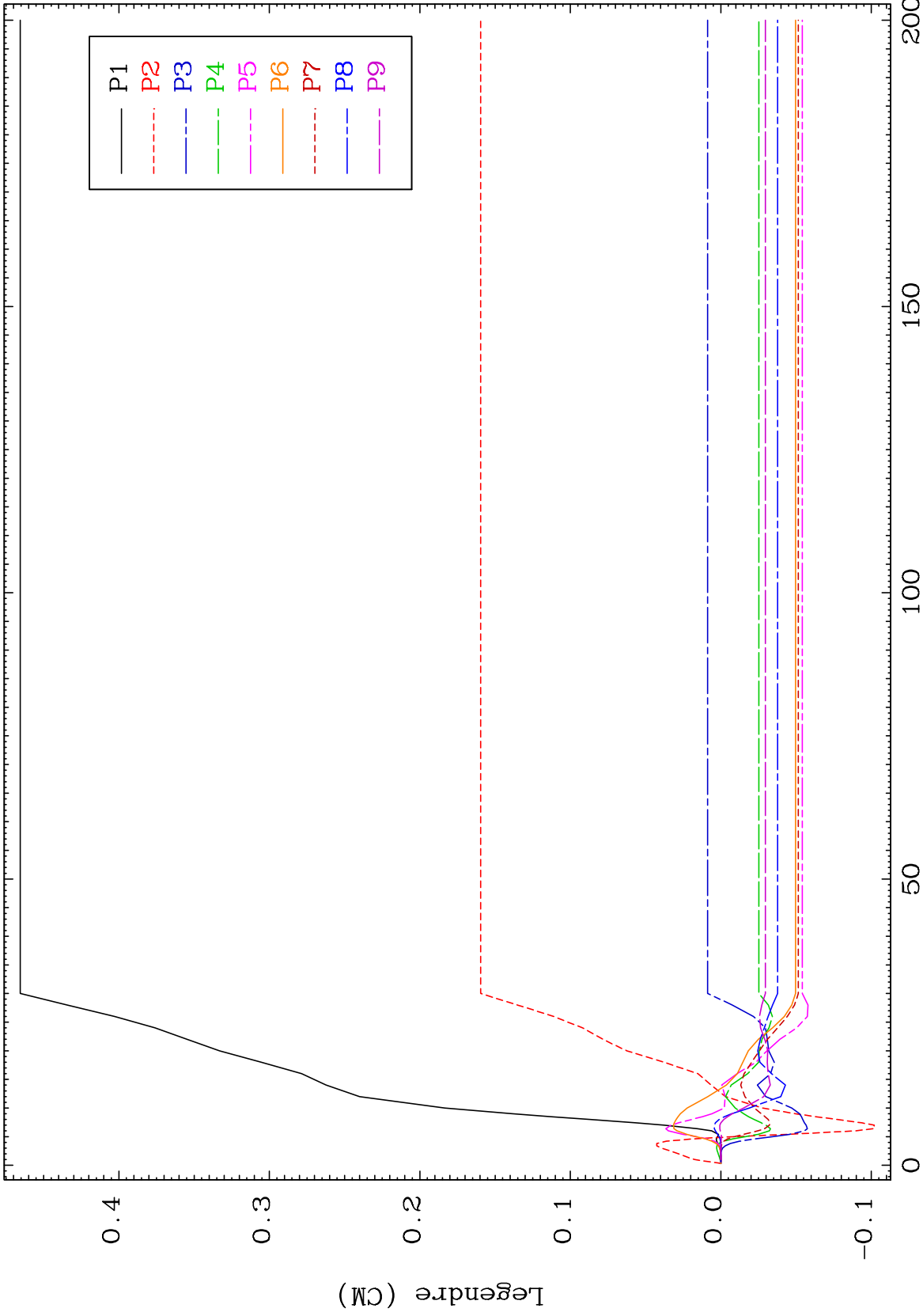
51

58-Ce-149

MAT 5864

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

58-Ce-149



52

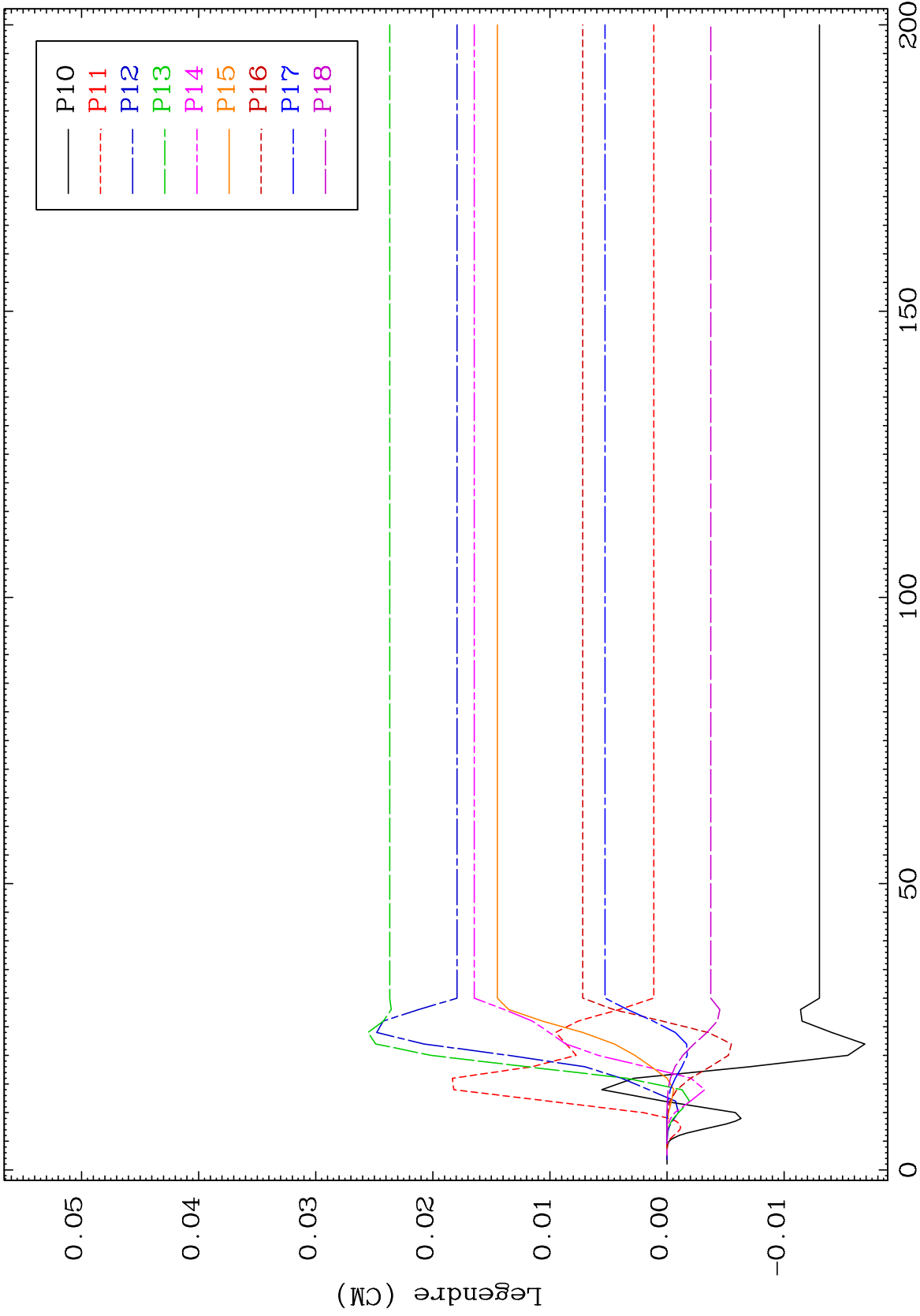
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



53

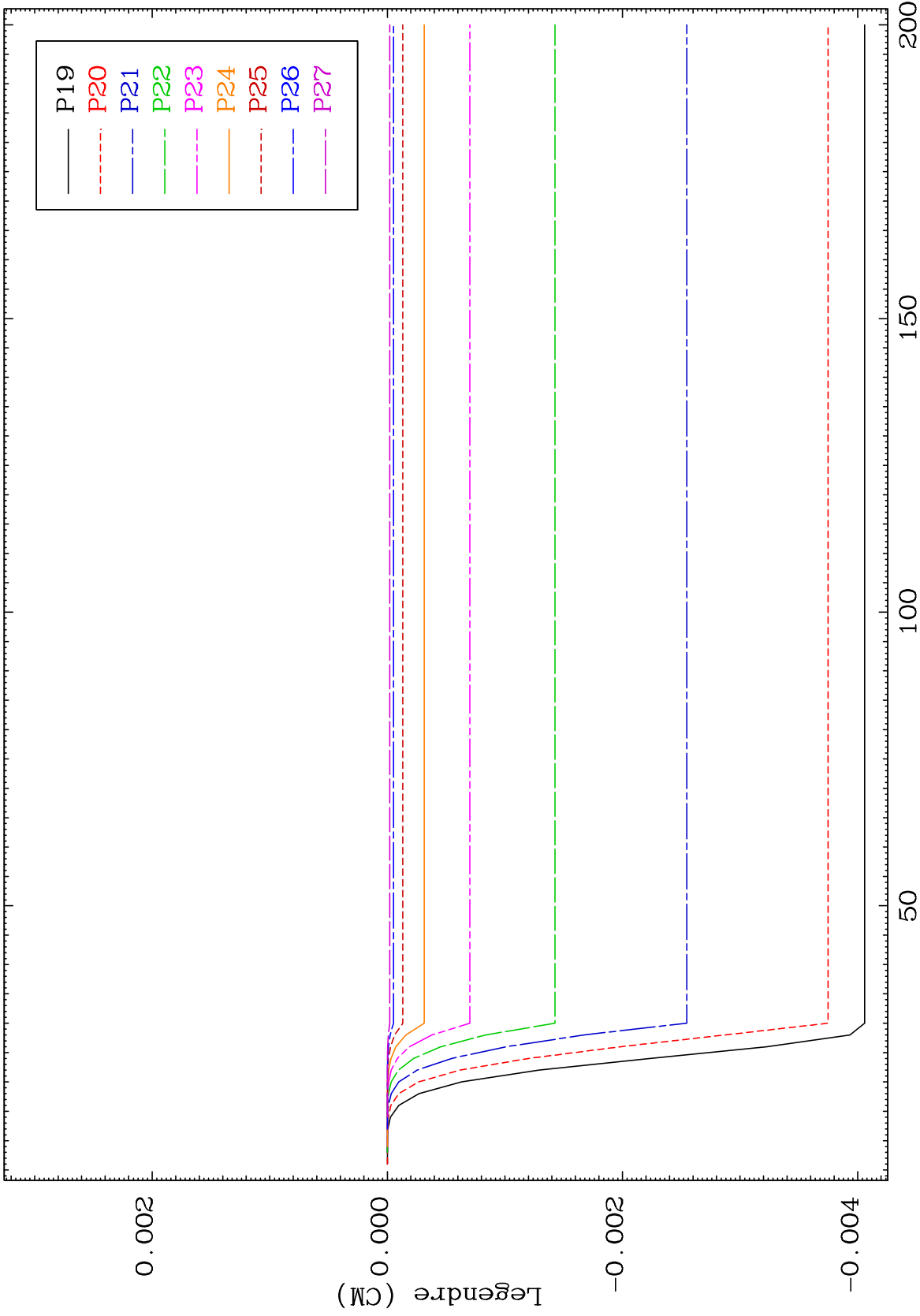
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



54

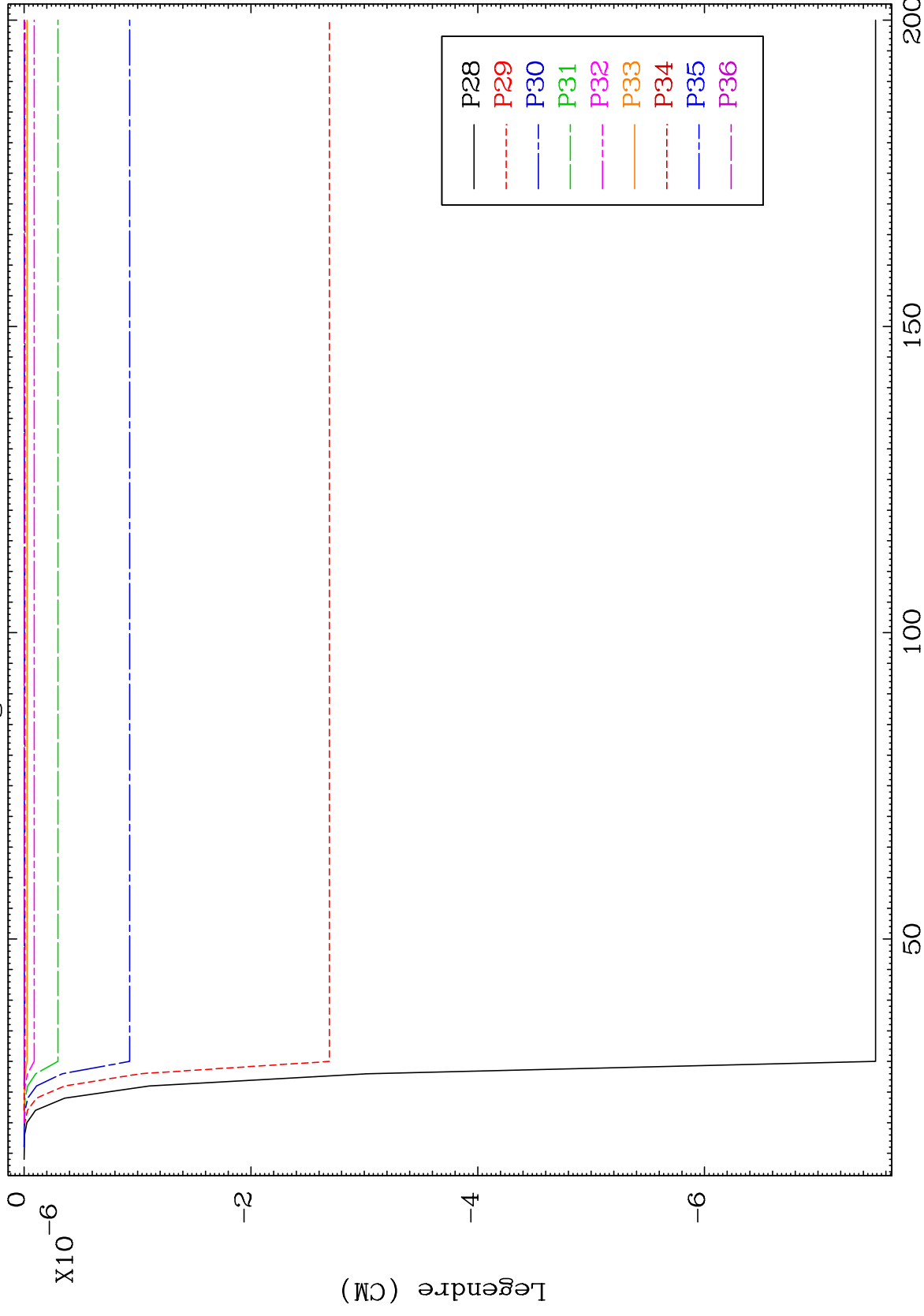
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149

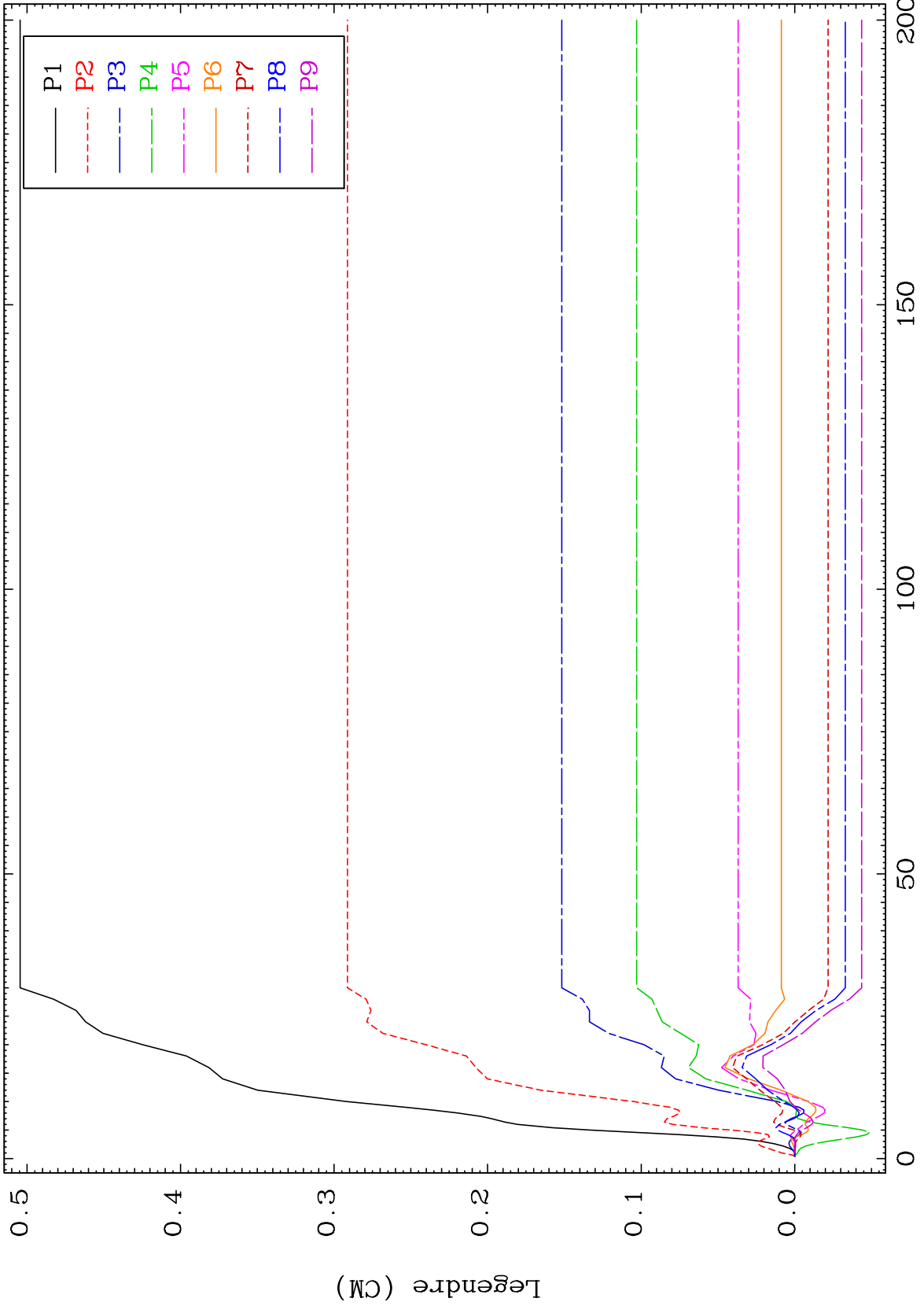


58-Ce-149

55



MAT 5864 MT= 60 (n,n') Level Legendre Coefficients 58-Ce-149

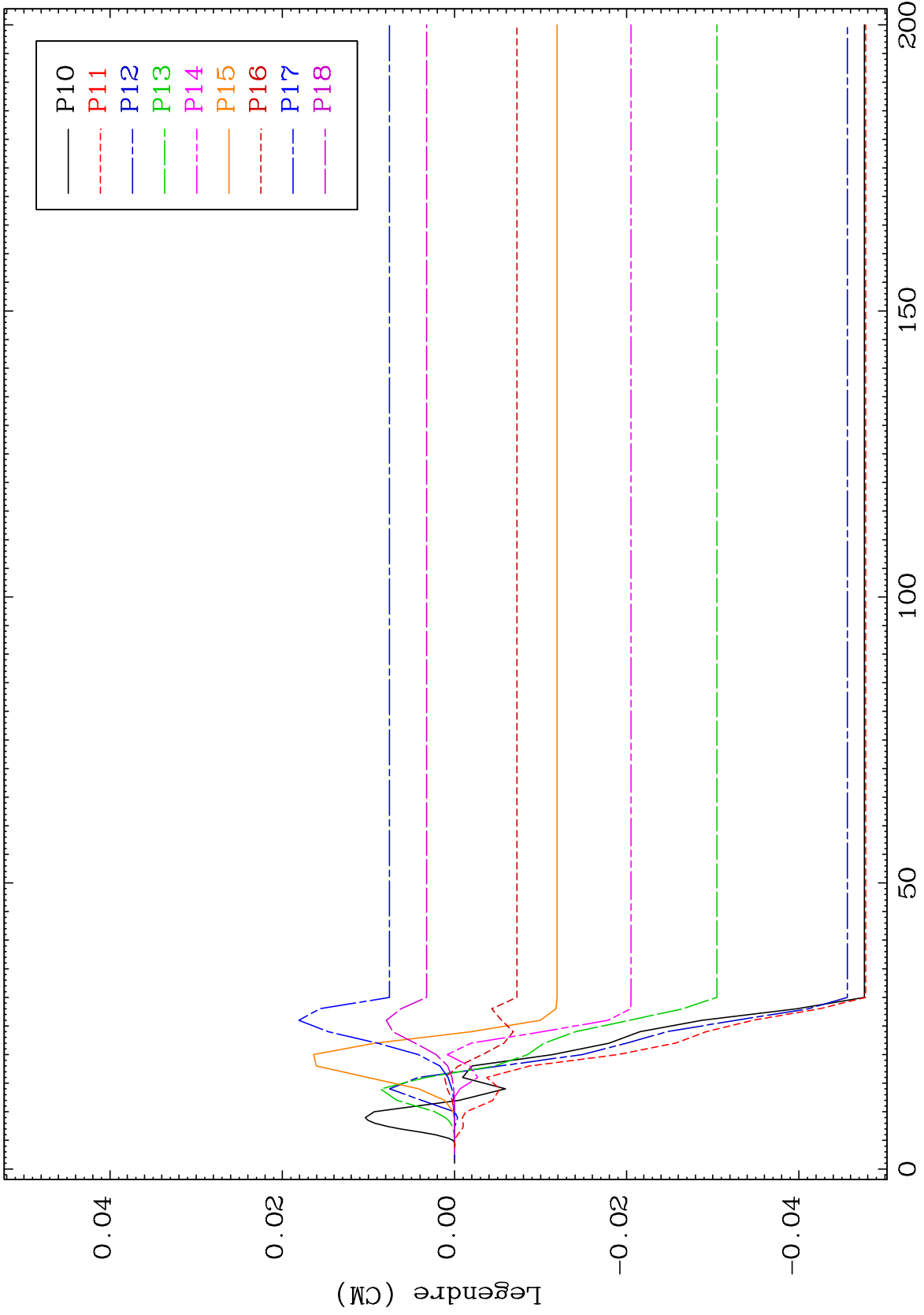


56 58-Ce-149

MAT 5864

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

58-Ce-149



57

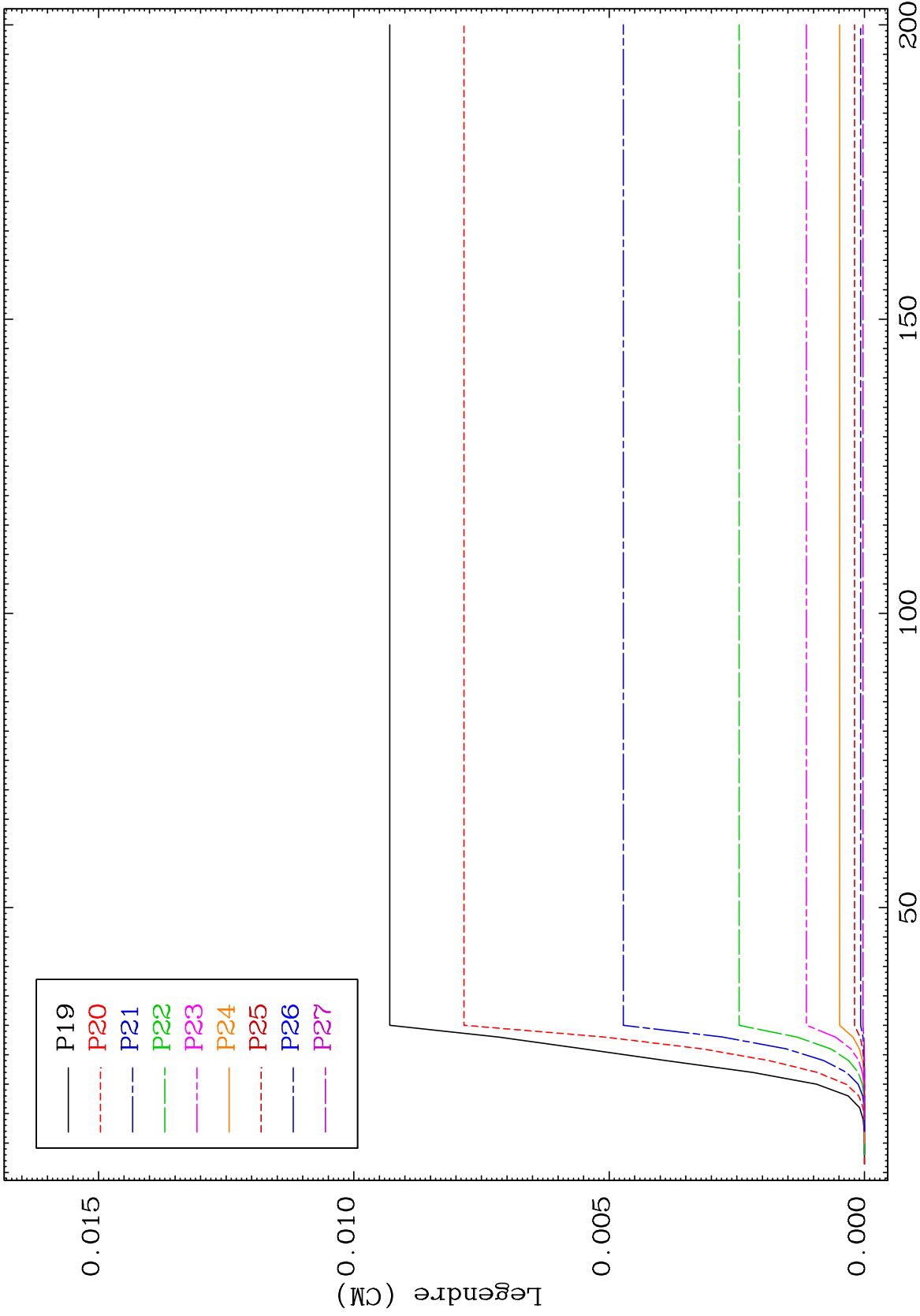
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58

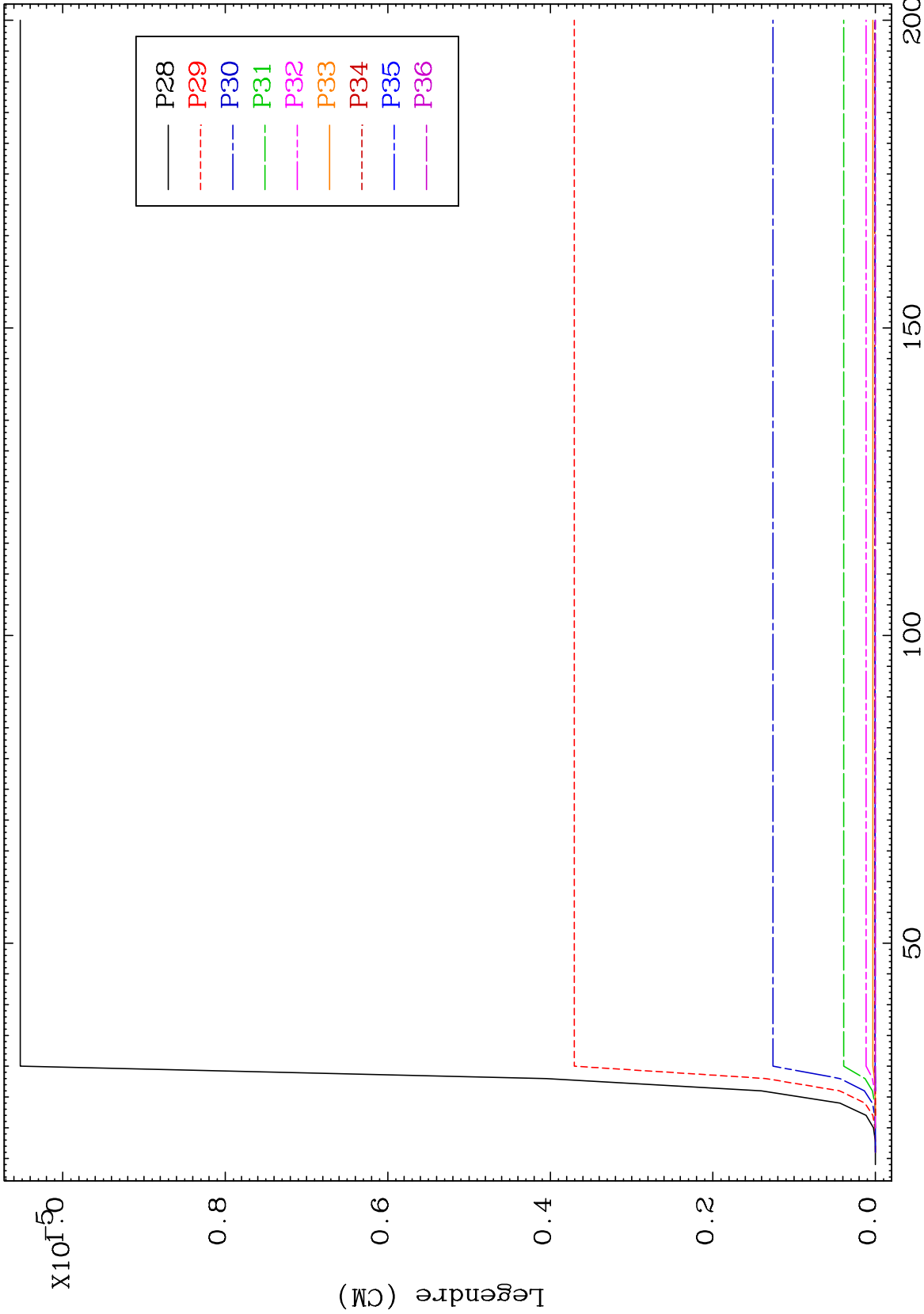
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



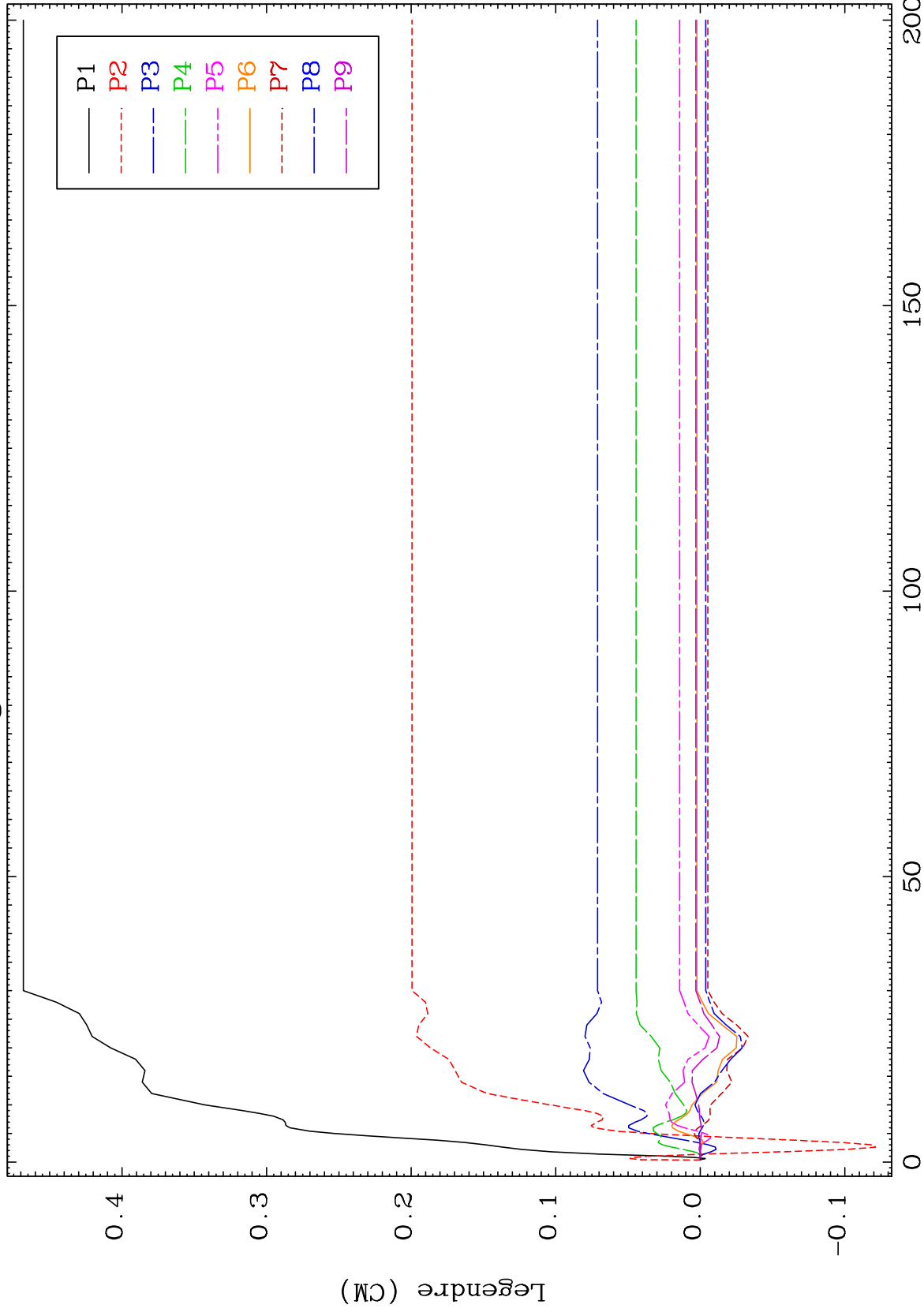
59

58-Ce-149

MAT 5864

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

58-Ce-149



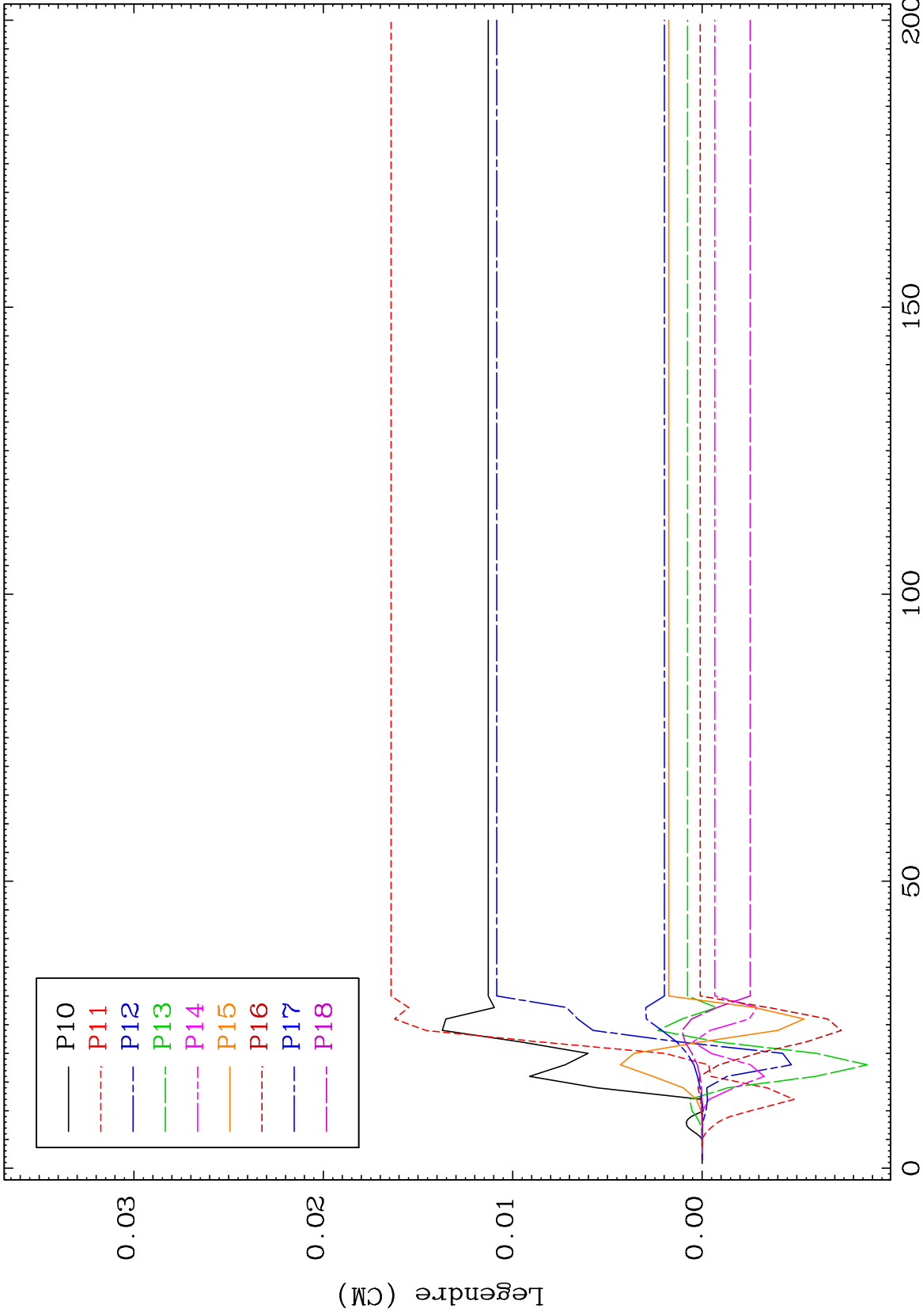
58-Ce-149

Incident Energy (MeV)

MAT 5864

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

58-Ce-149



61

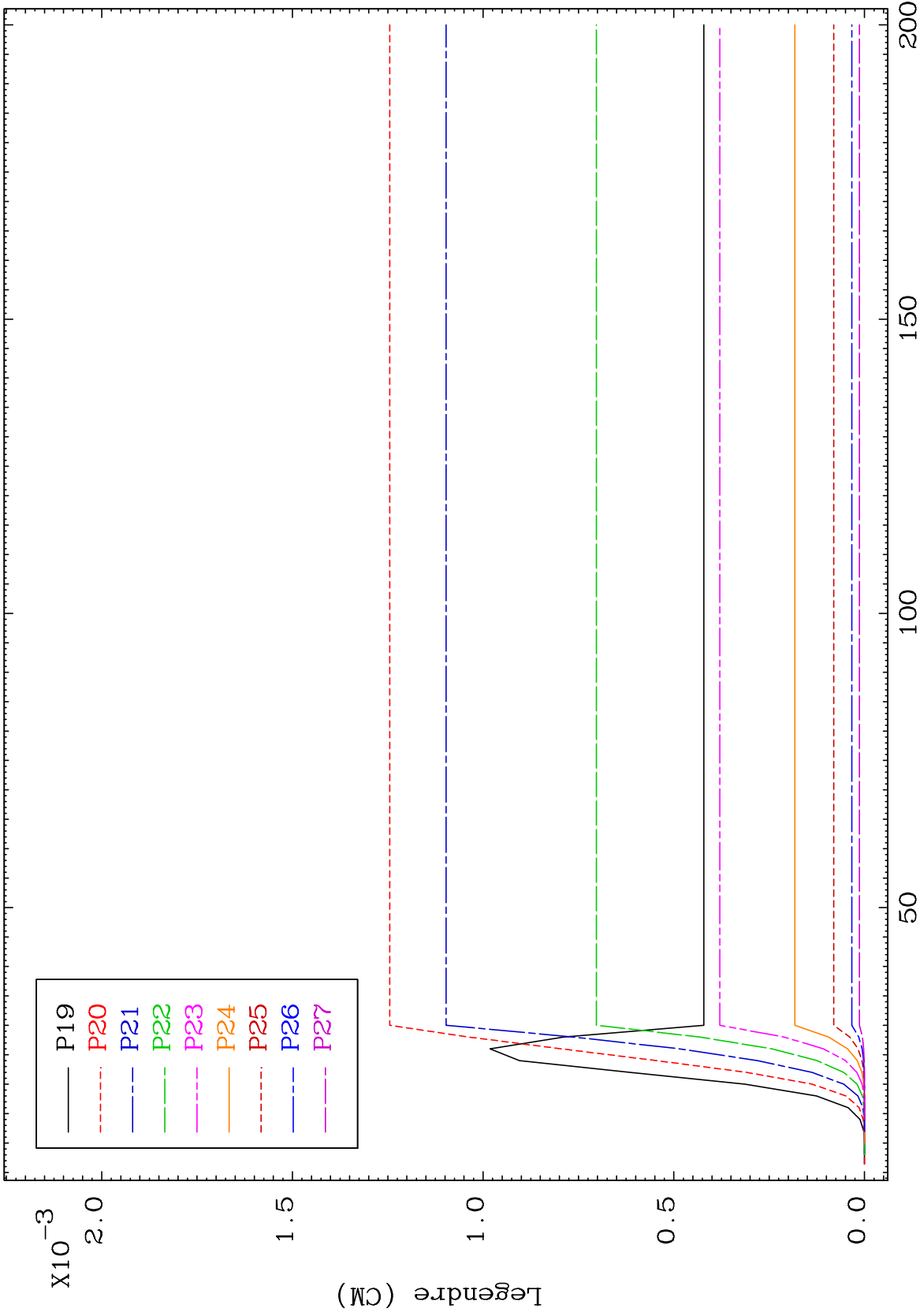
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



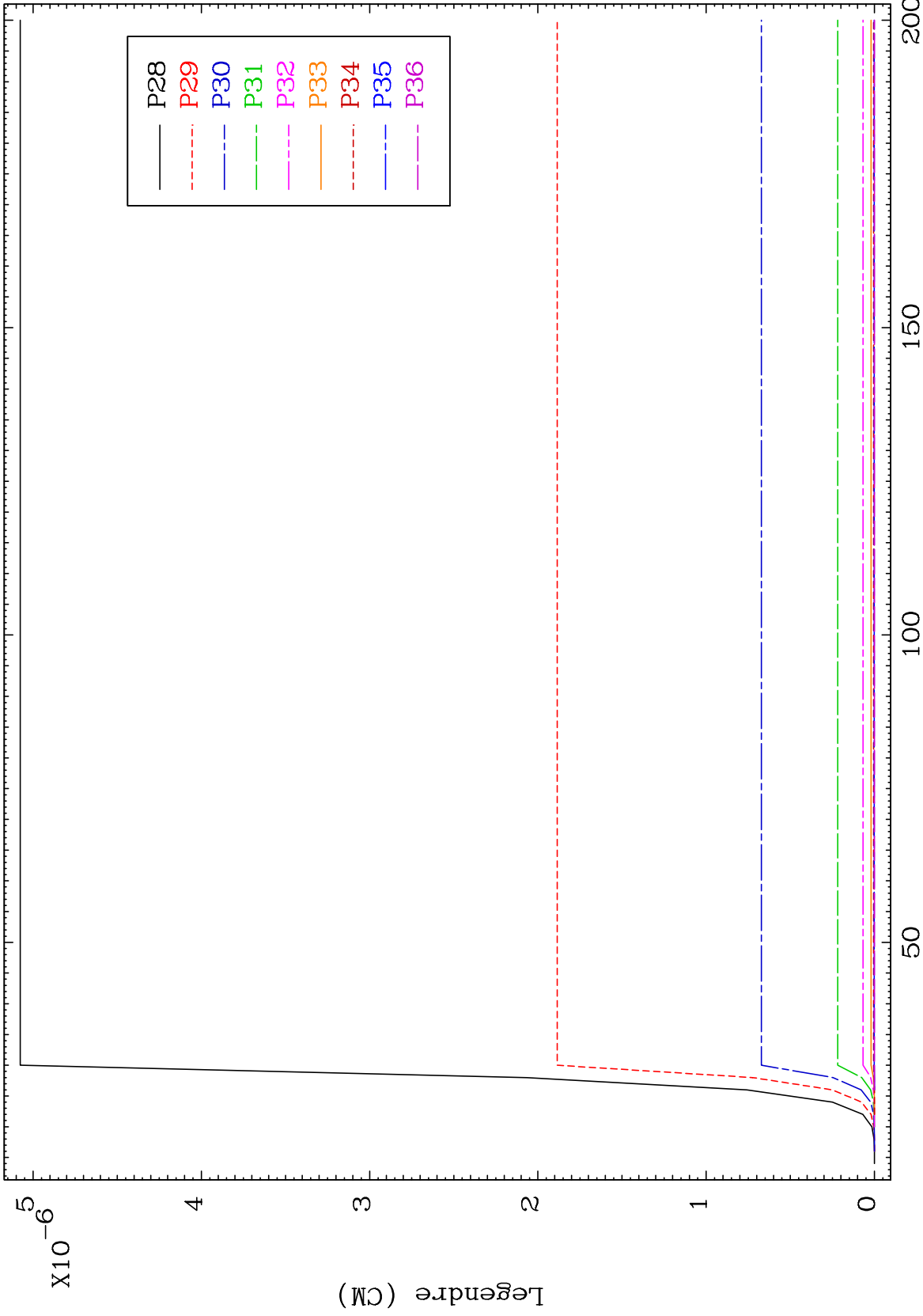
62

58-Ce-149

MAT 5864

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

58-Ce-149



63

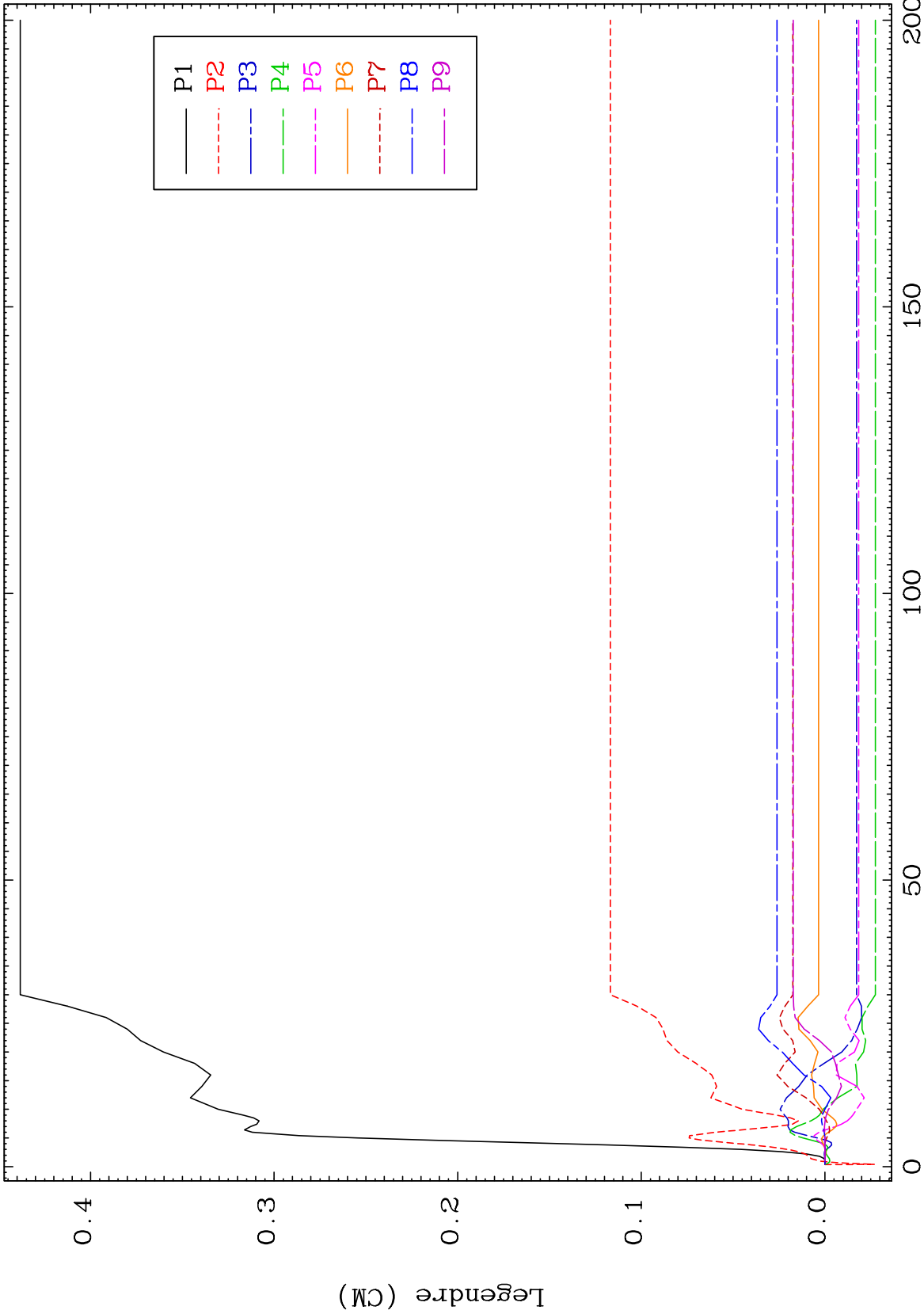
58-Ce-149



MAT 5864

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

58-Ce-149



64

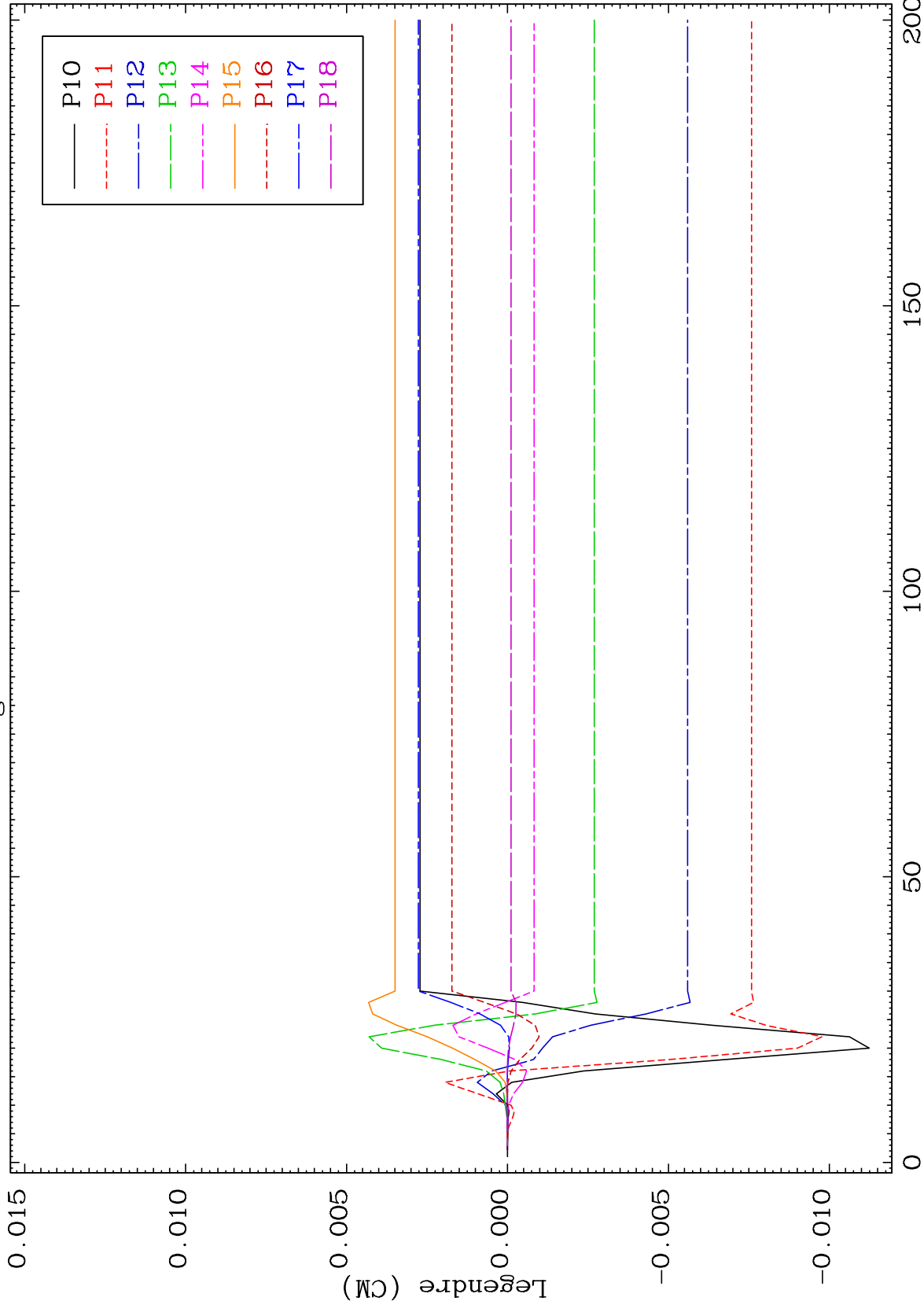
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



65

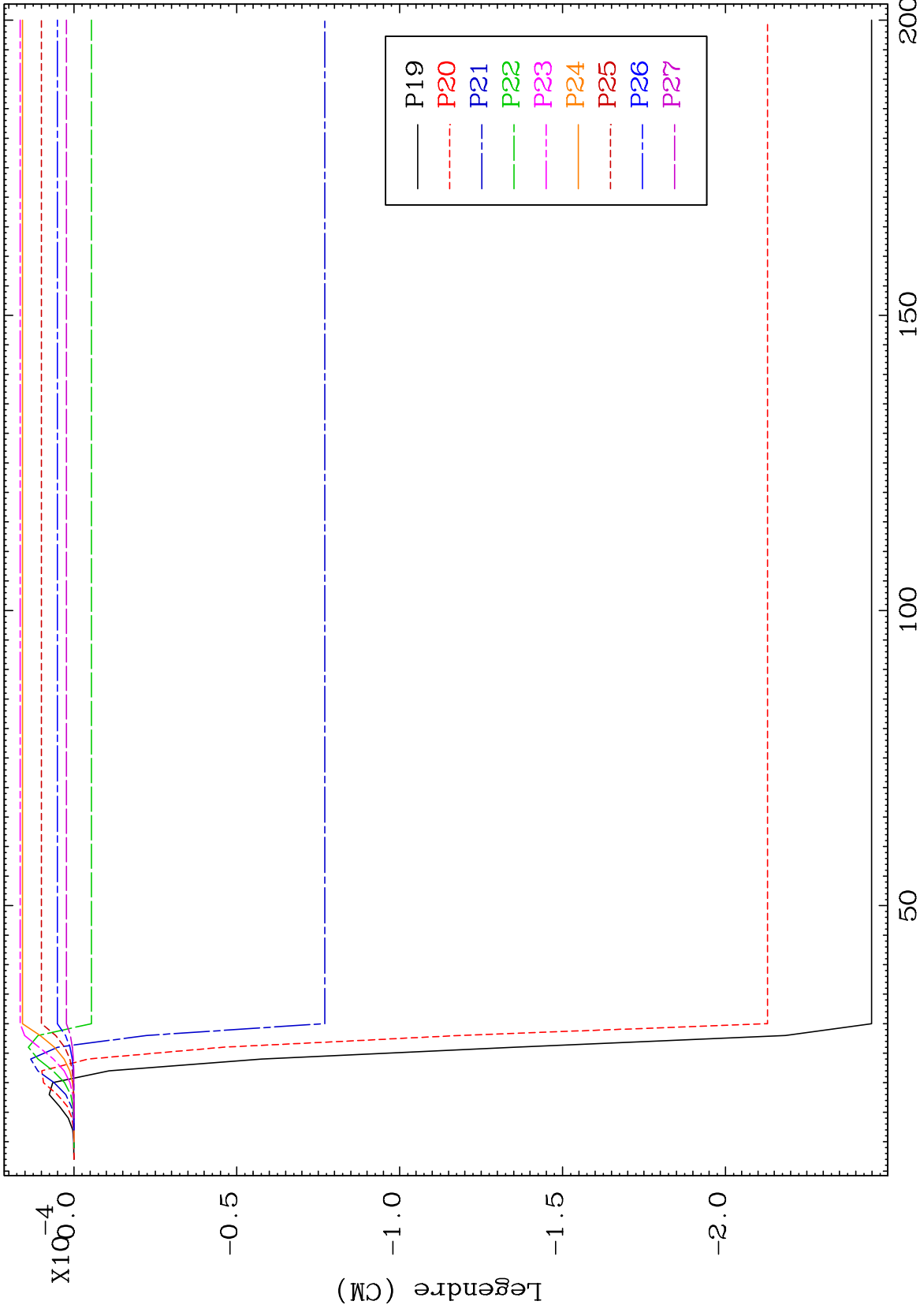
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

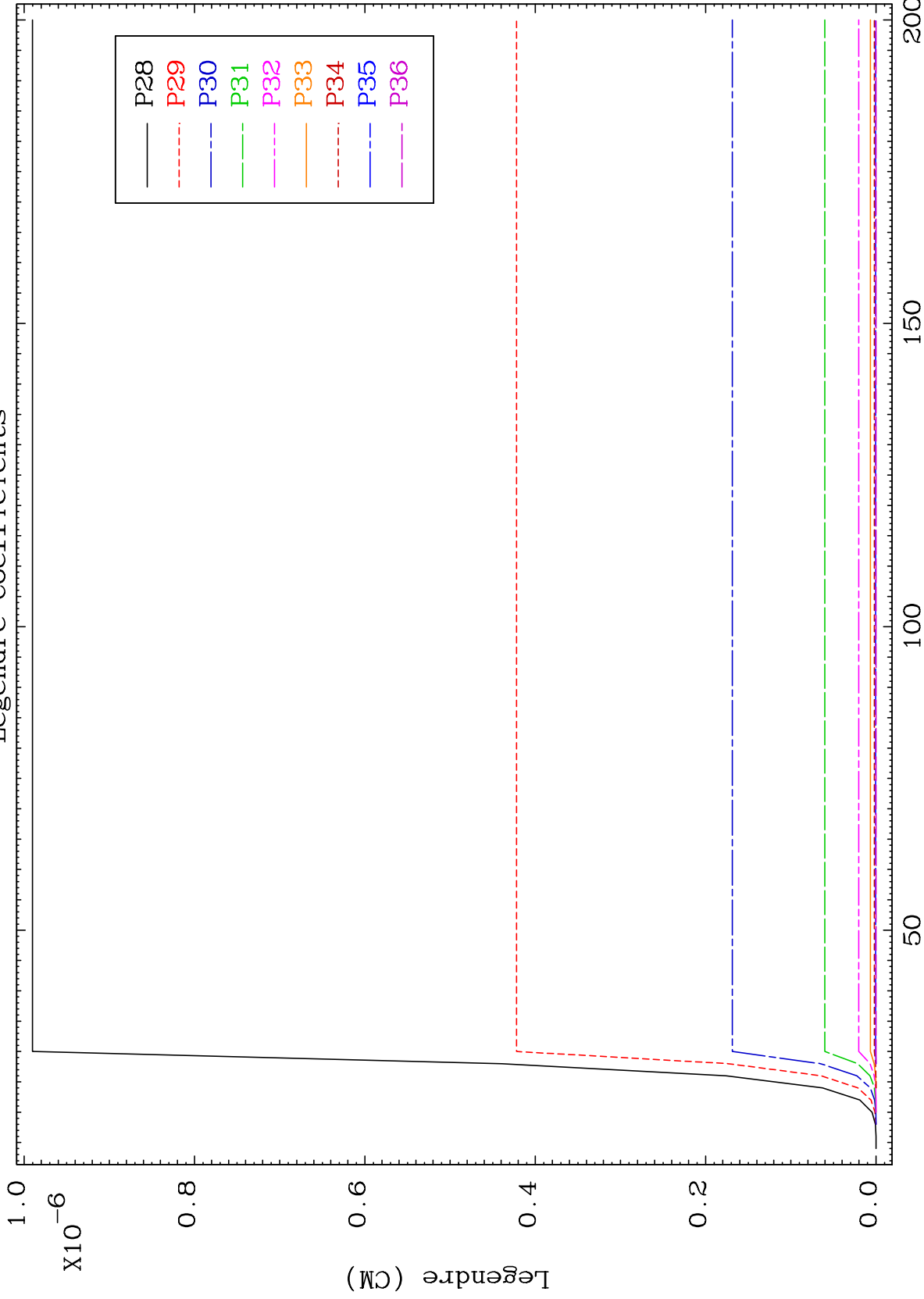
Incident Energy (MeV)

66

MAT 5864

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

58-Ce-149



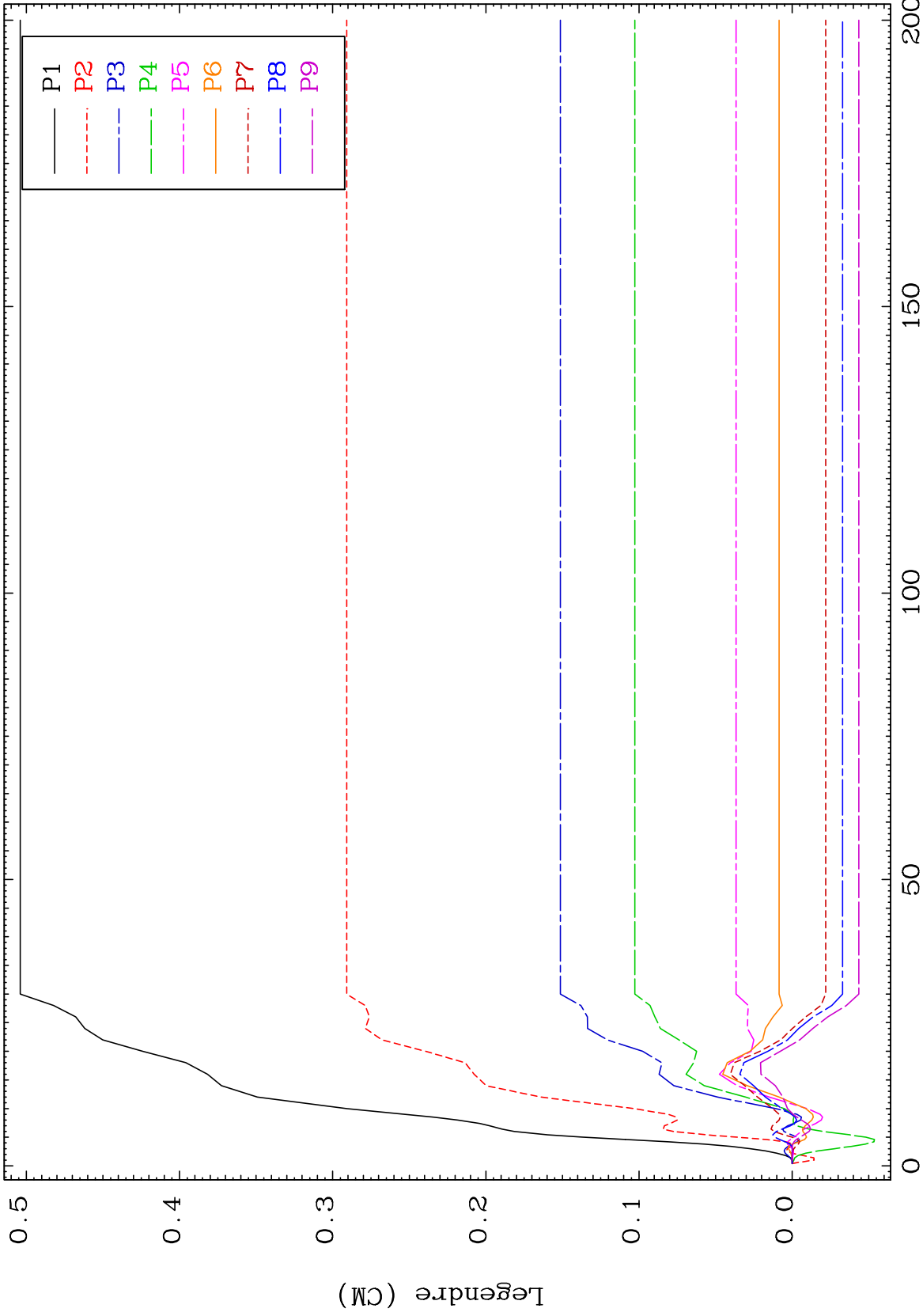
67

58-Ce-149

MAT 5864

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

58-Ce-149



68

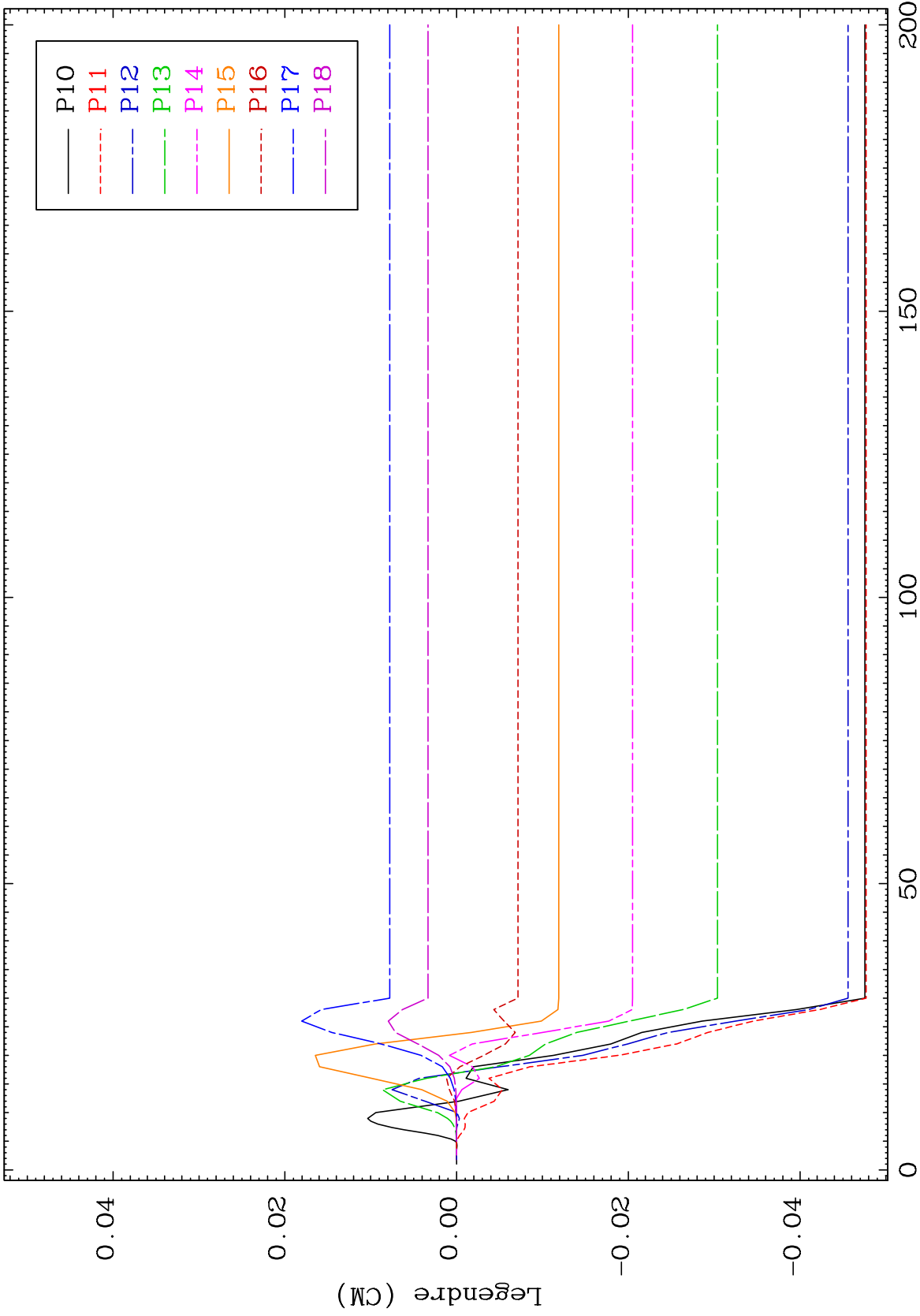
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



69

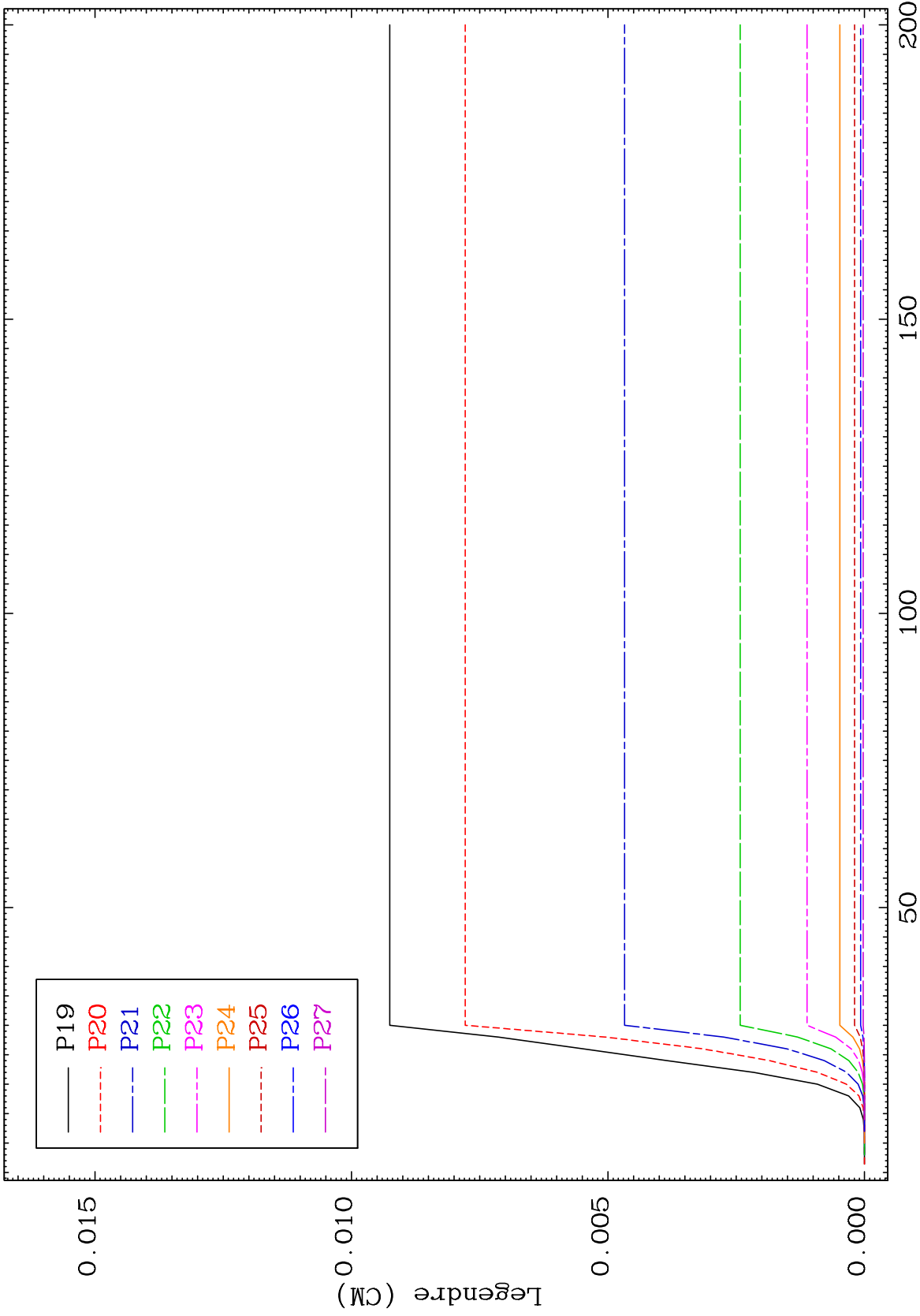
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



70

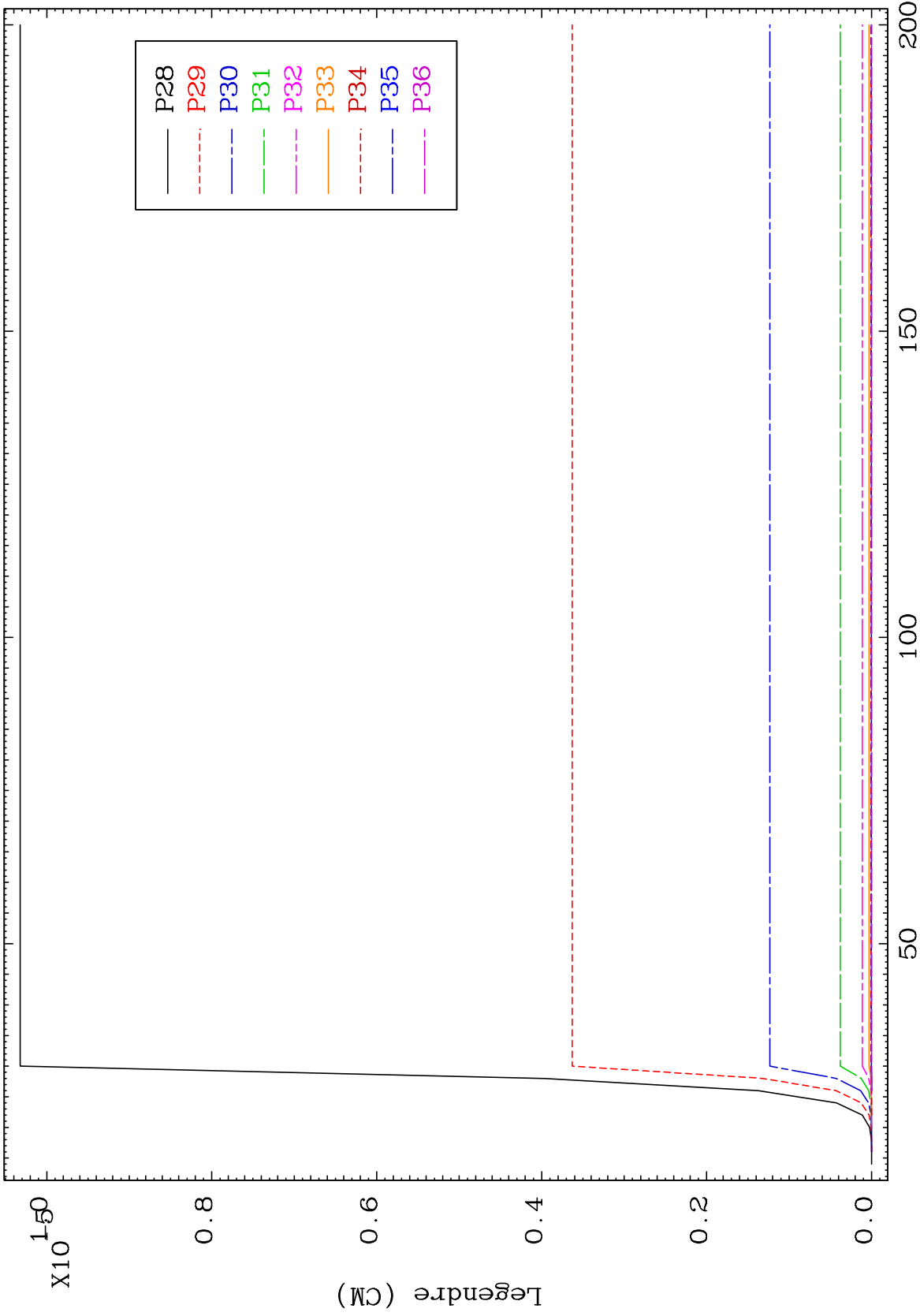
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



71

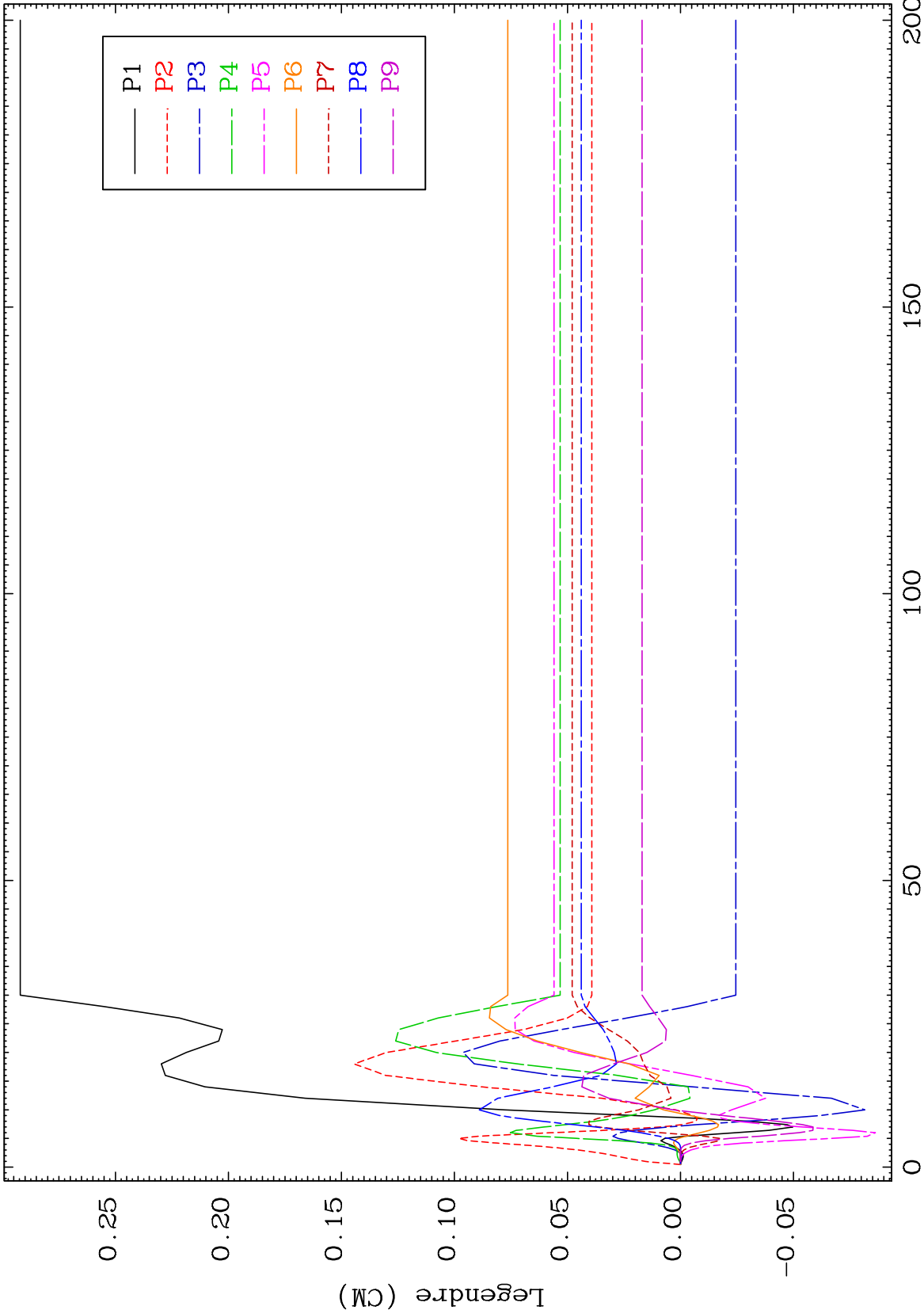
58-Ce-149



MAT 5864

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

58-Ce-149



72

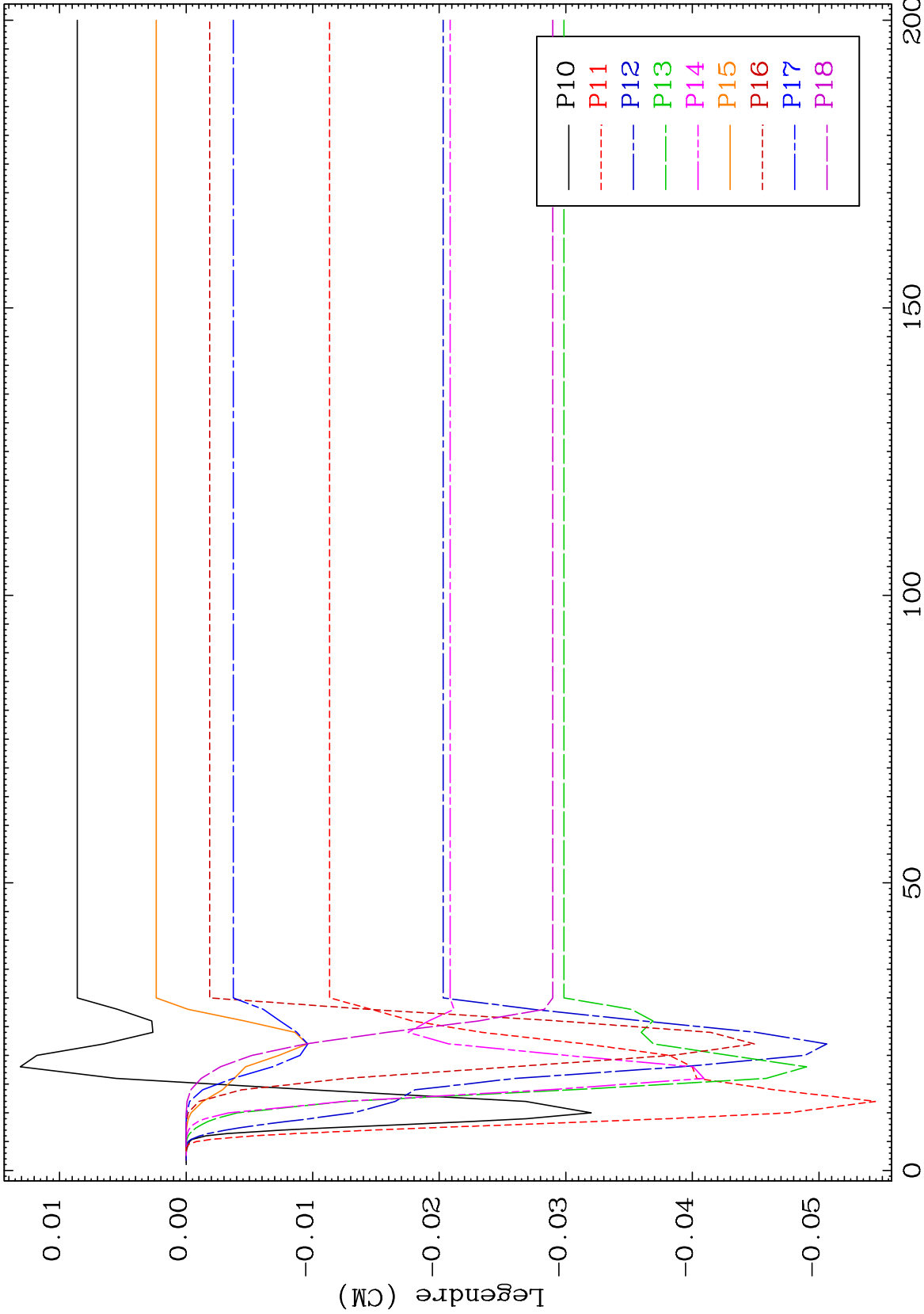
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



73

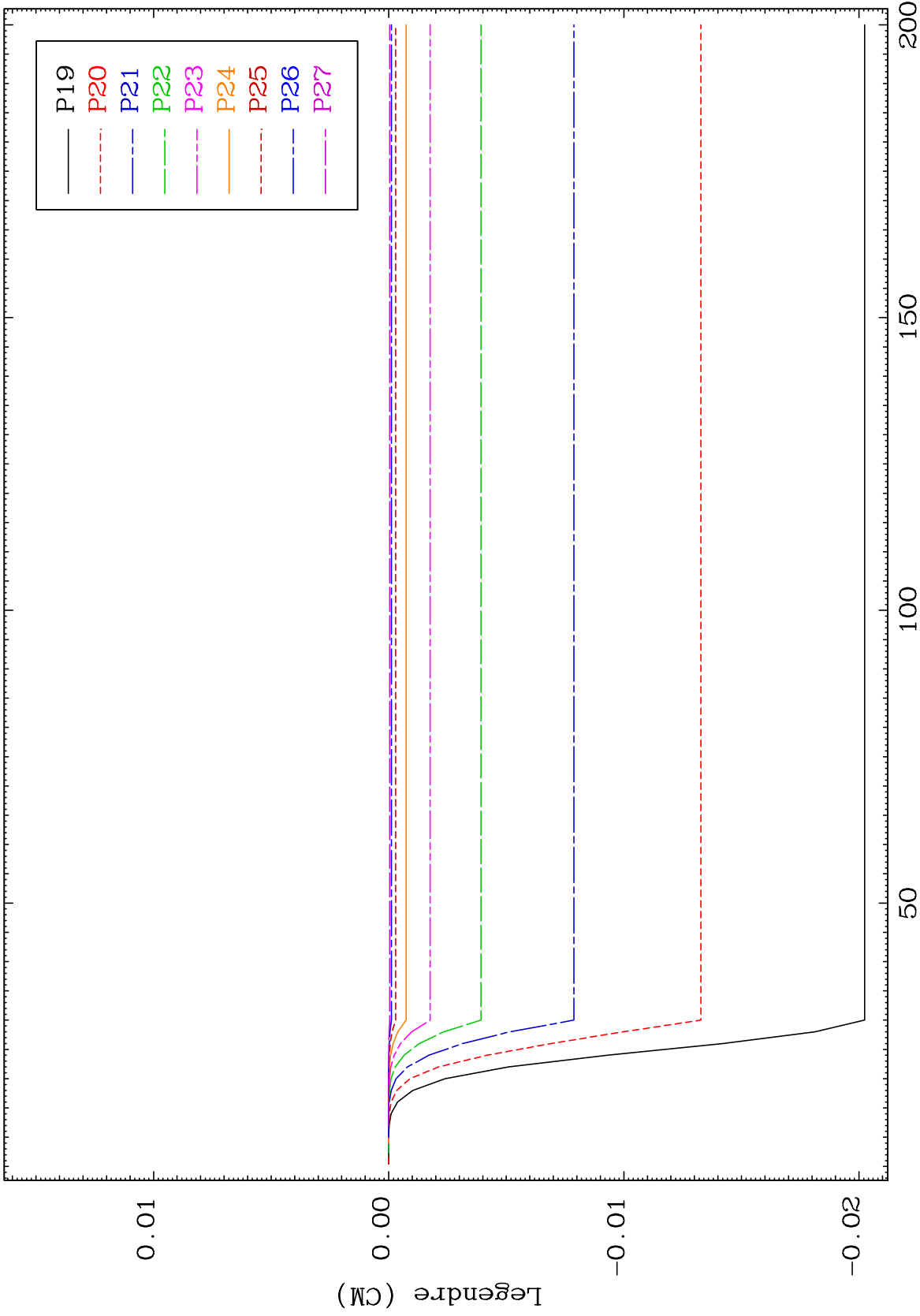
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



74

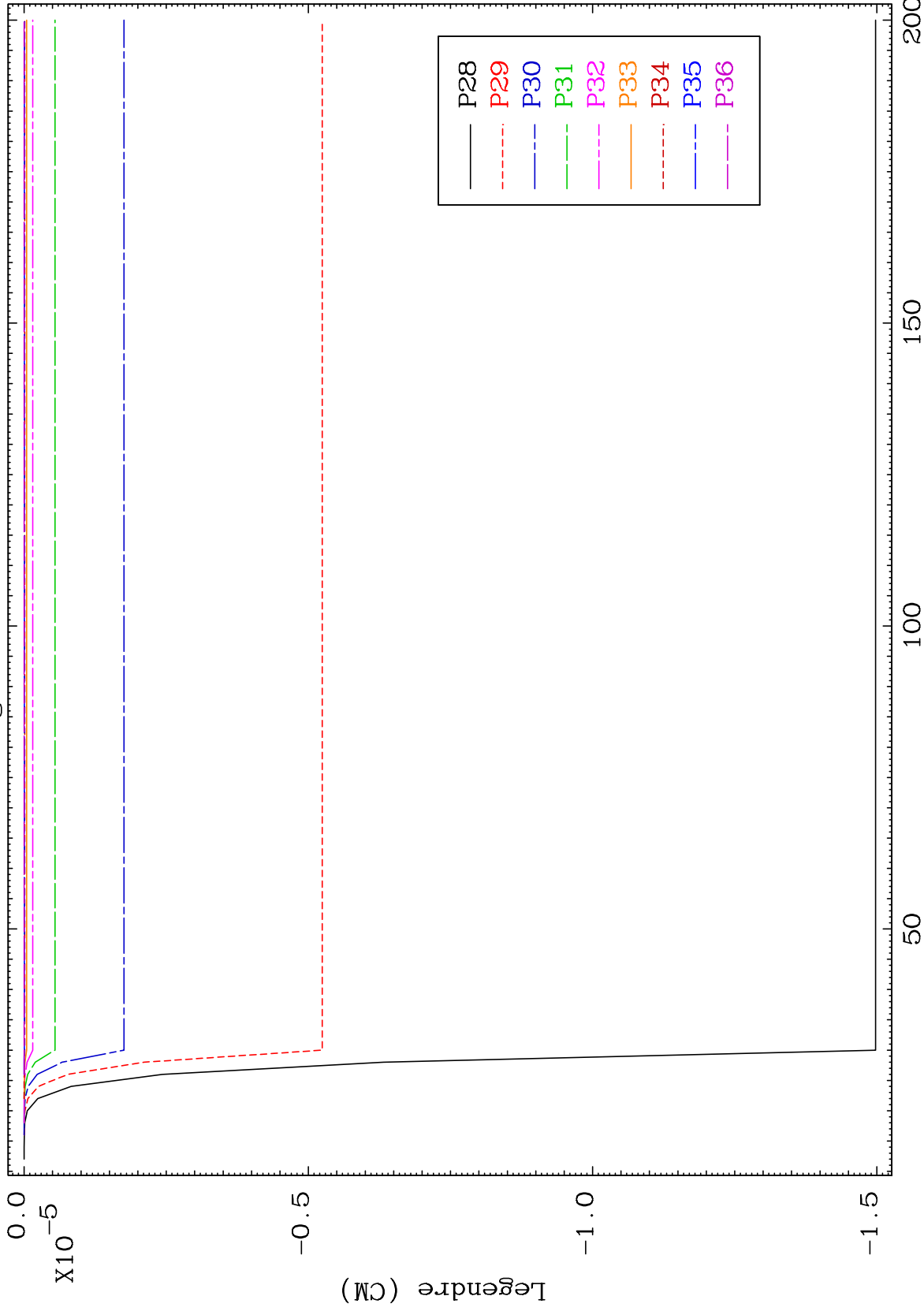
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

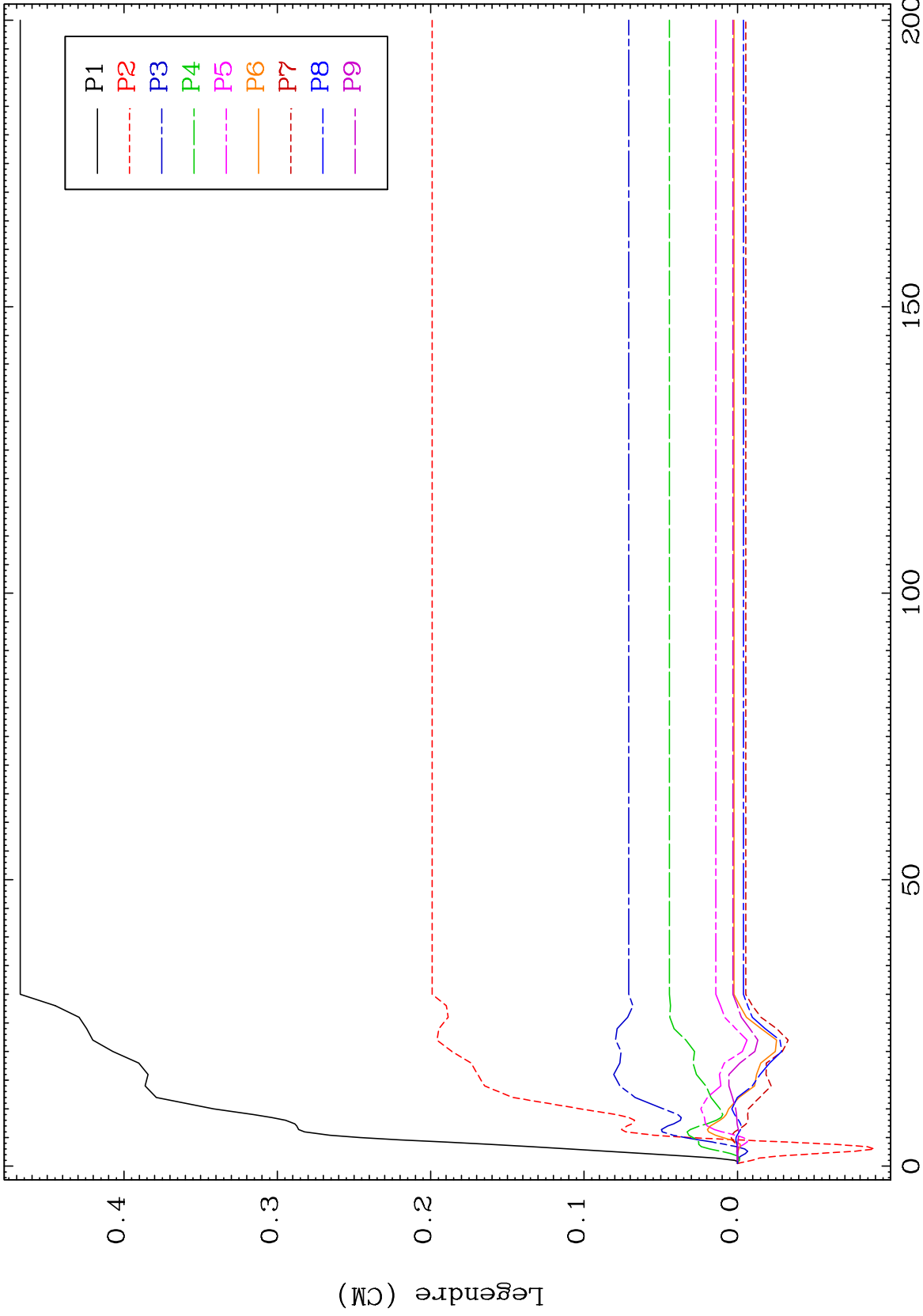
Incident Energy (MeV)

75

MAT 5864

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

58-Ce-149



76

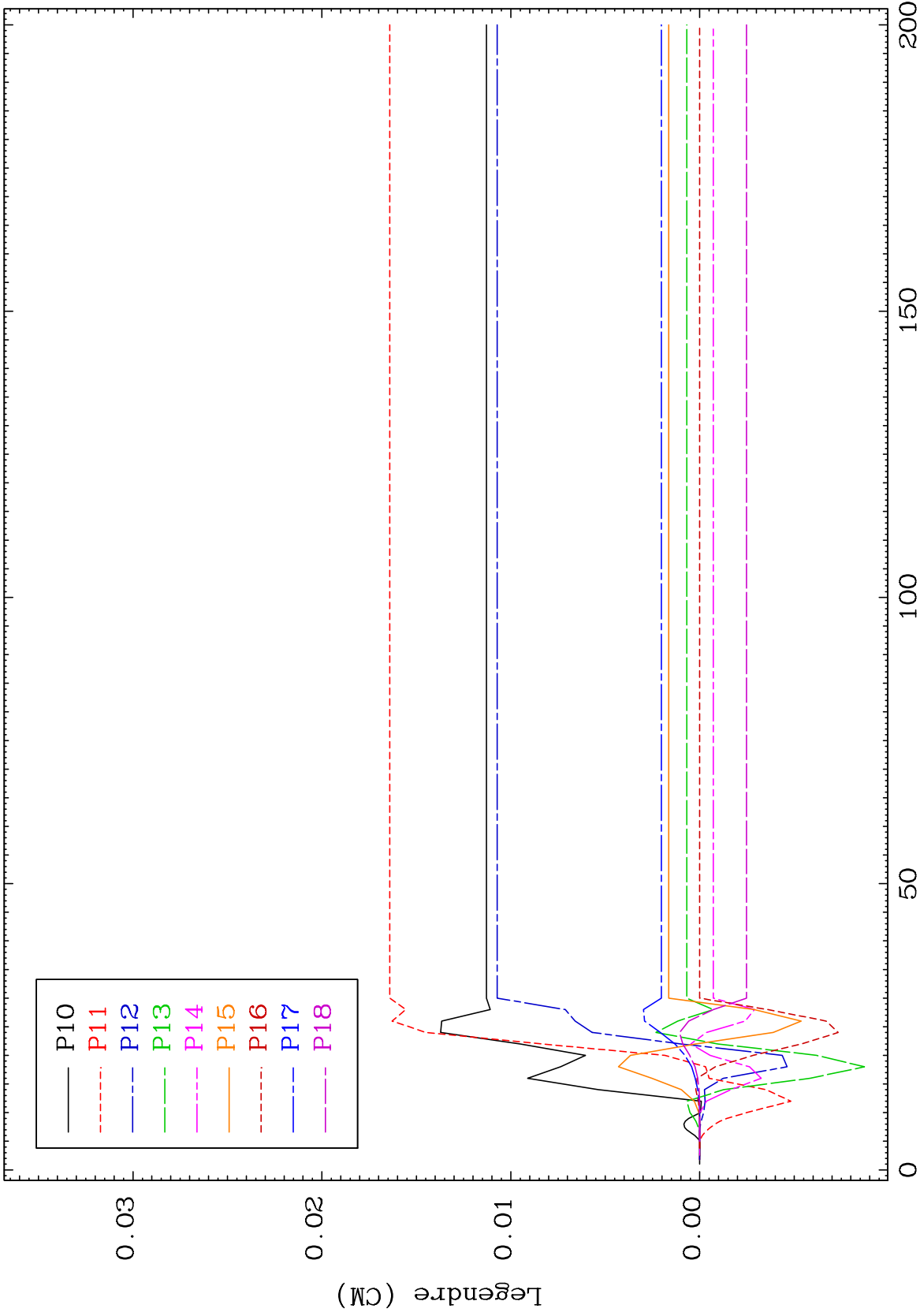
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



77

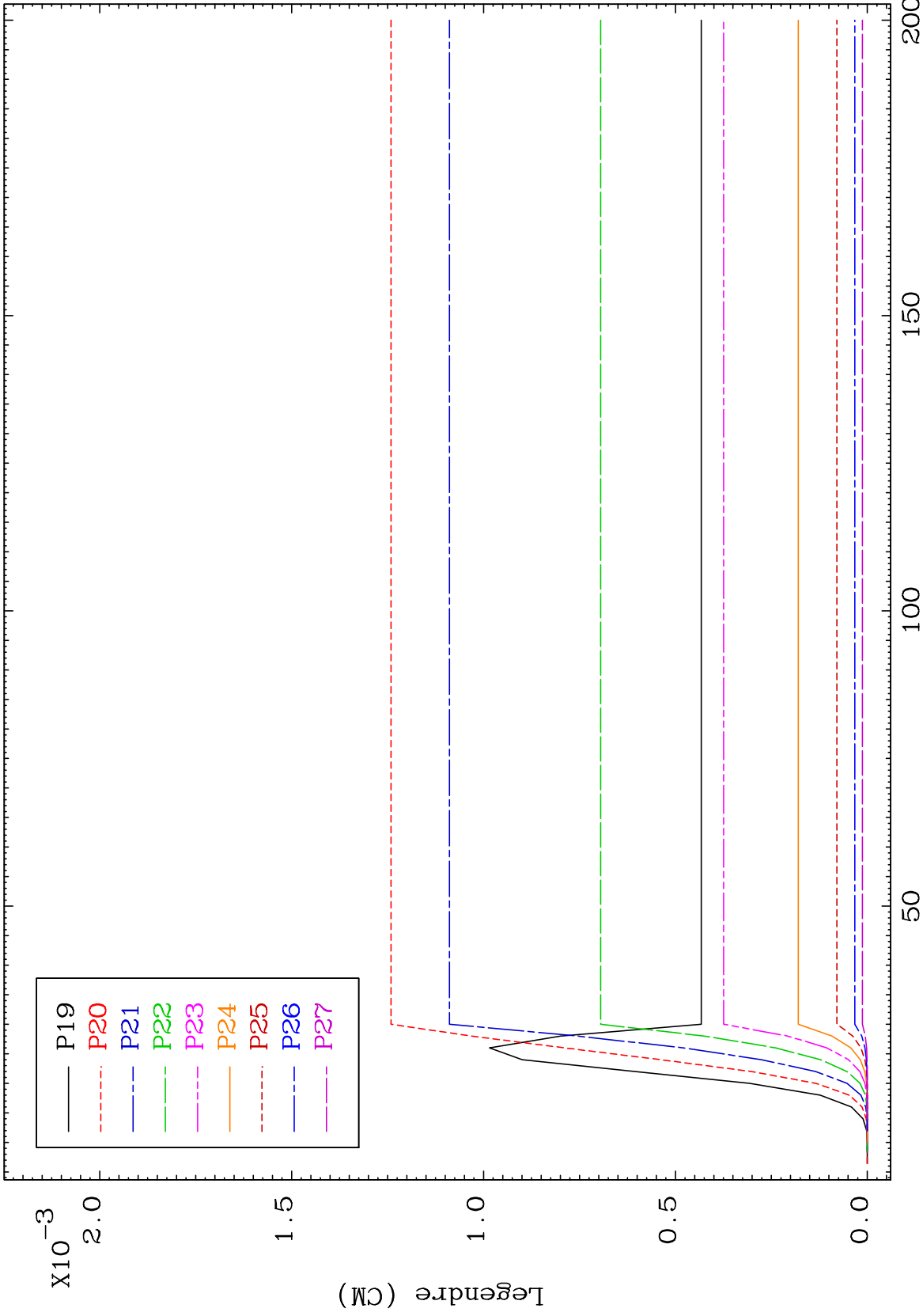
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



78

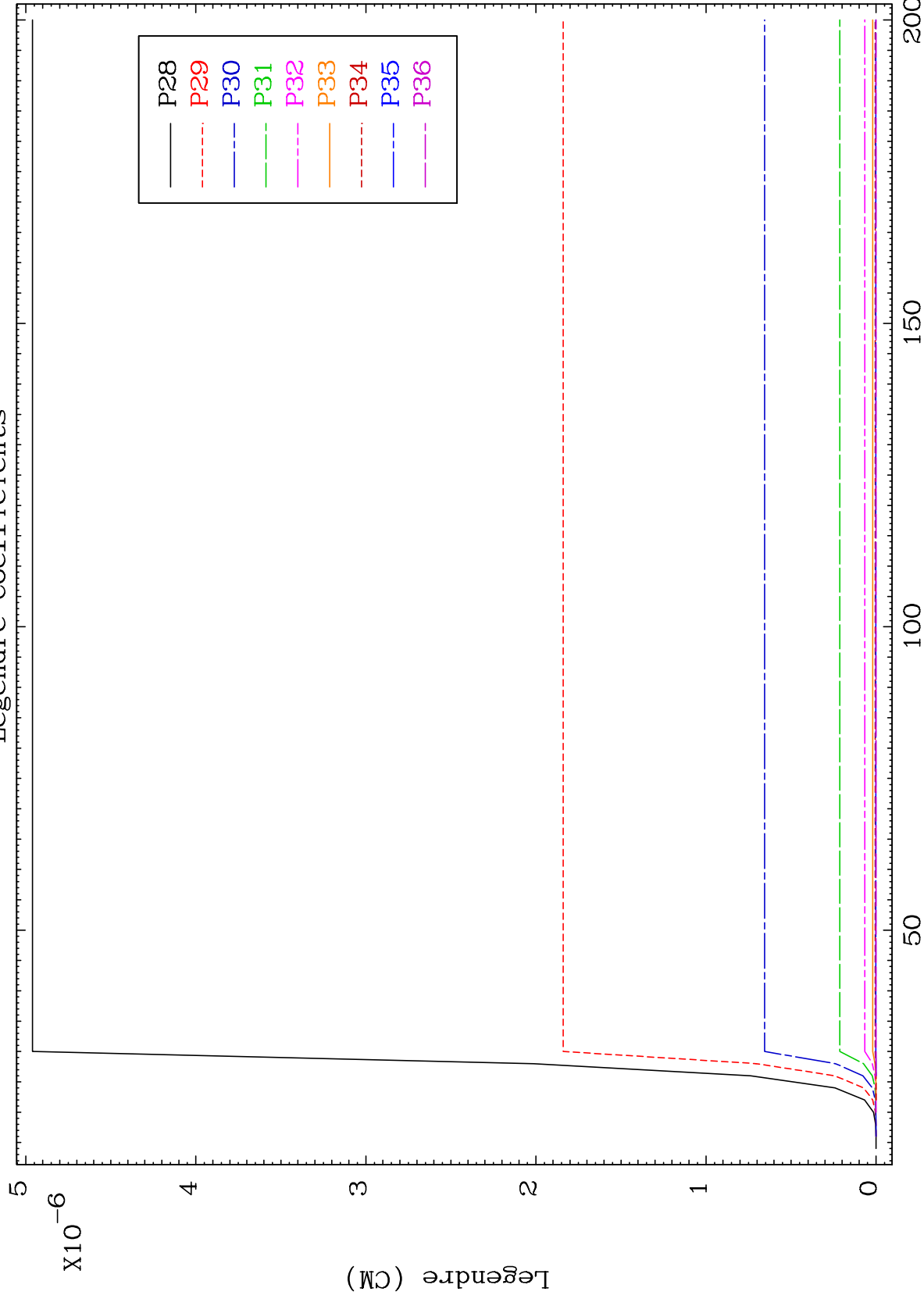
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



79

Incident Energy (MeV)

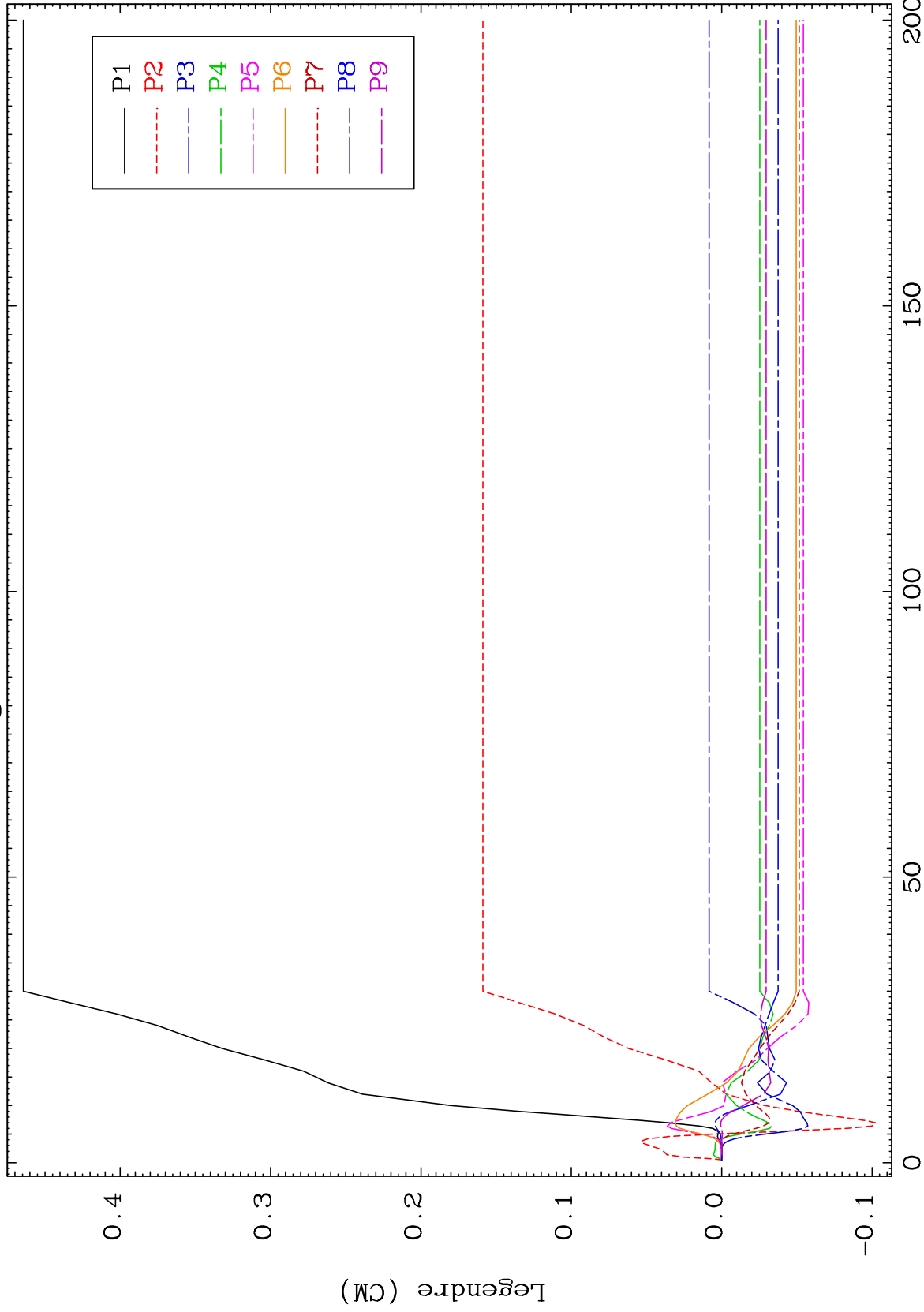
58-Ce-149



MAT 5864

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

58-Ce-149



58-Ce-149

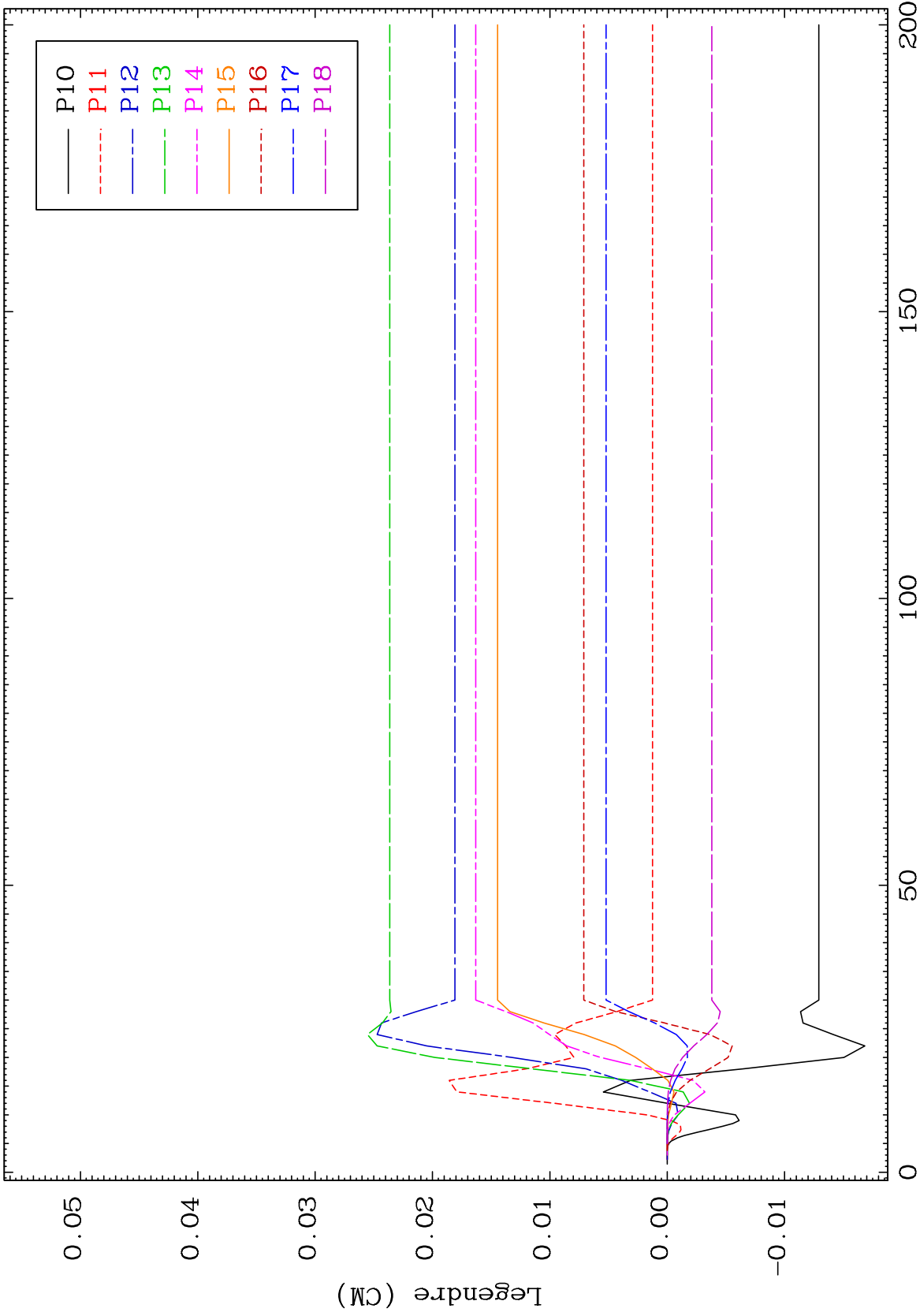
Incident Energy (MeV)

Legendre (CM)

MAT 5864

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

58-Ce-149



81

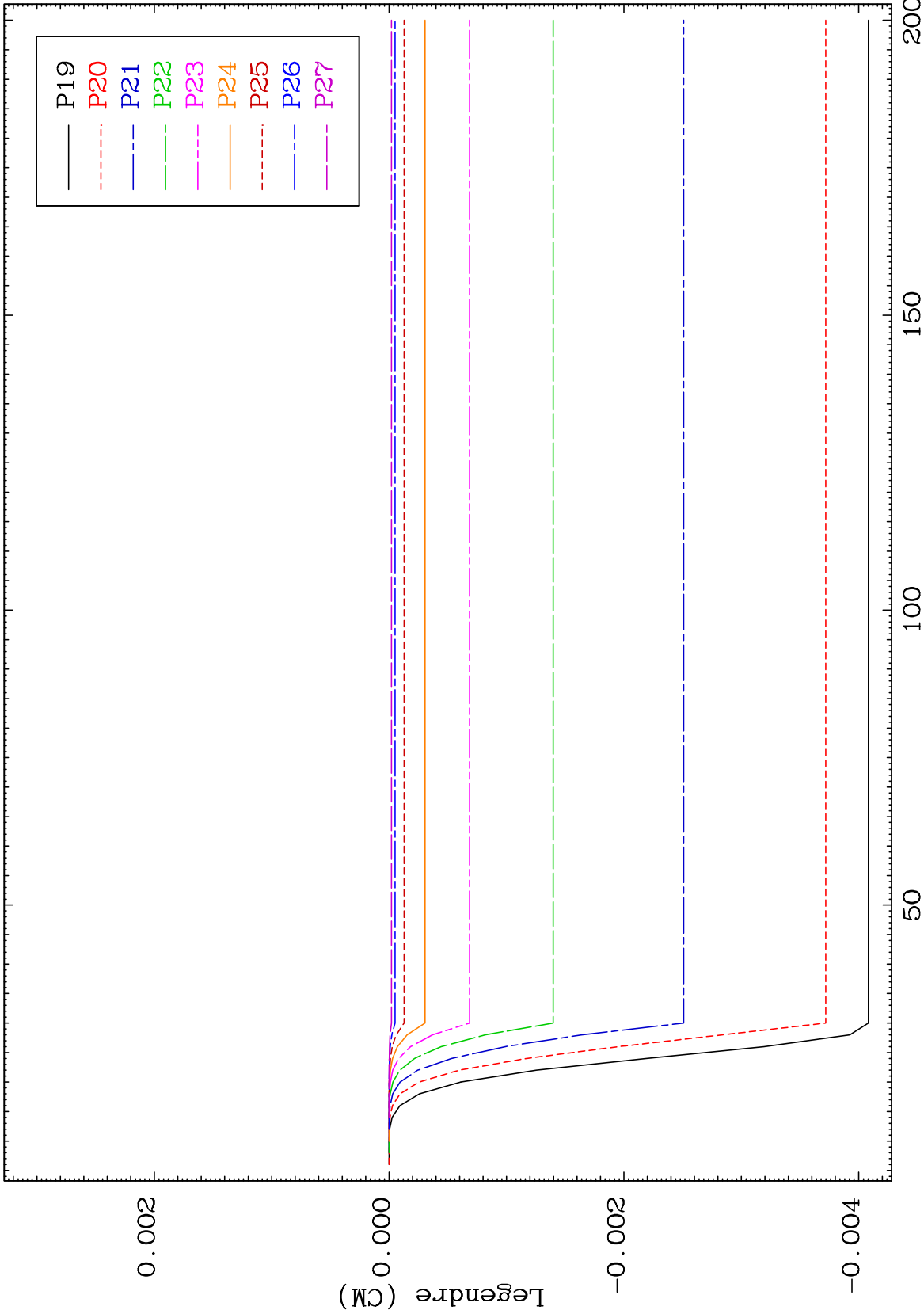
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



82

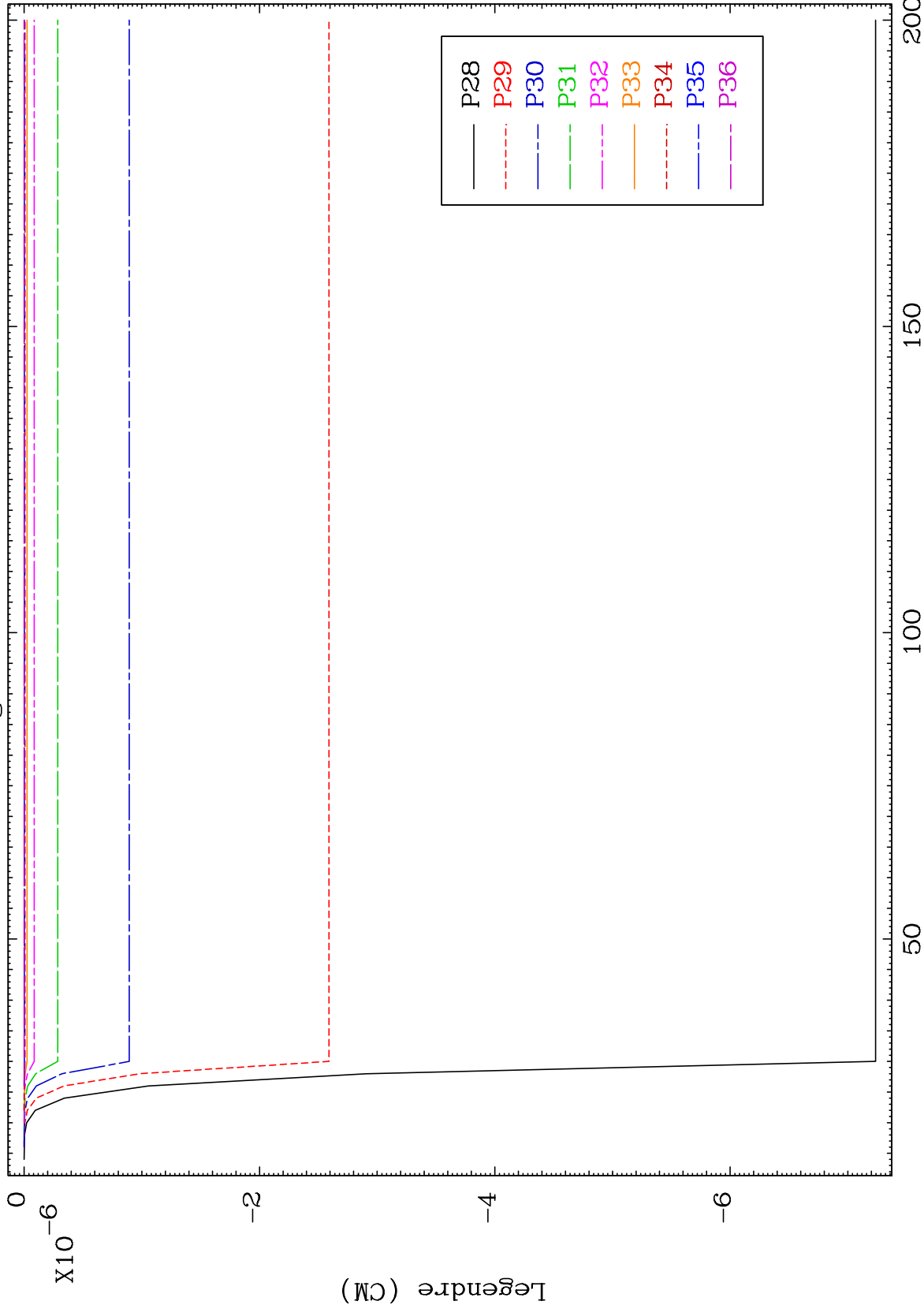
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

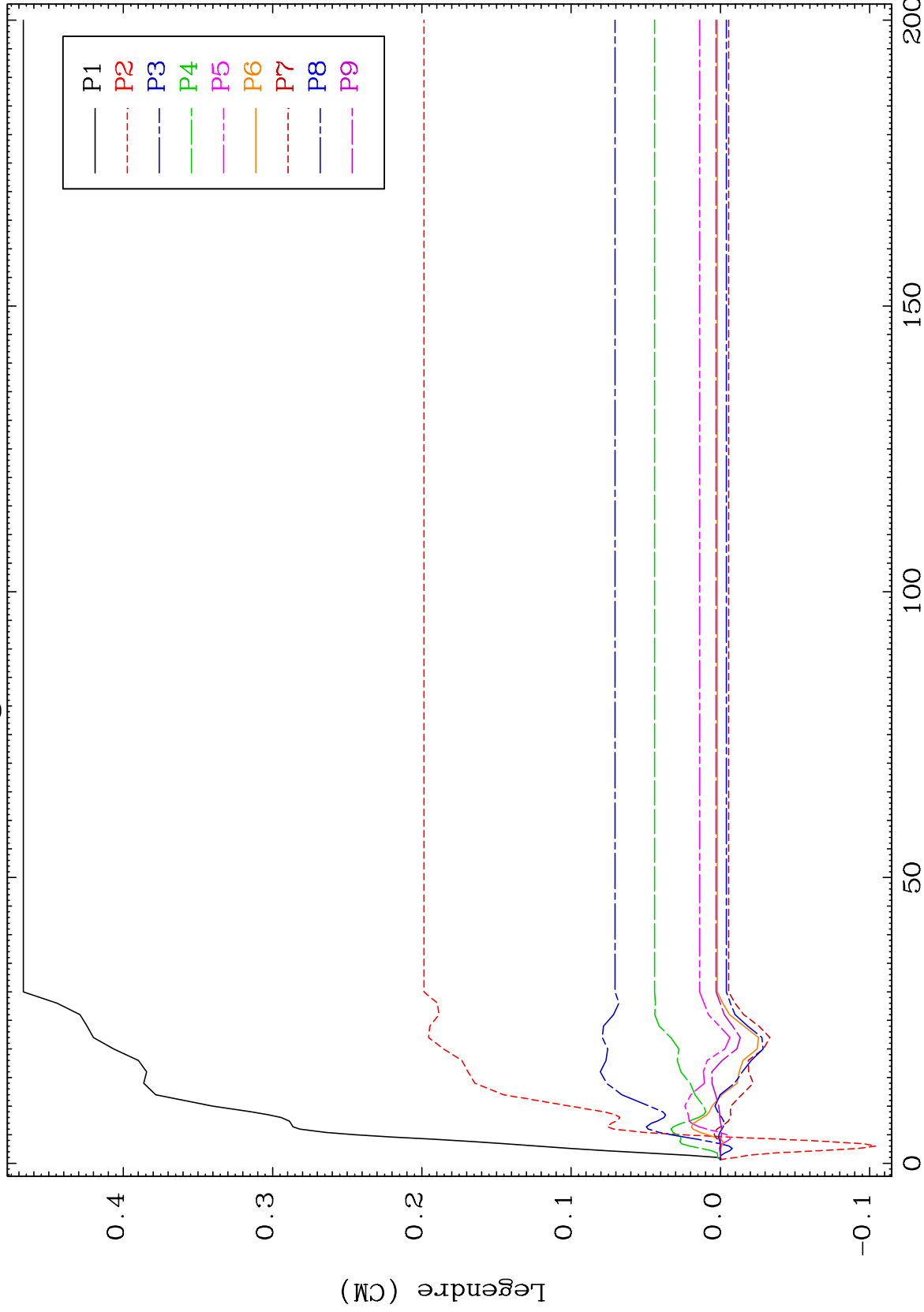
Incident Energy (MeV)

83

MAT 5864

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

58-Ce-149



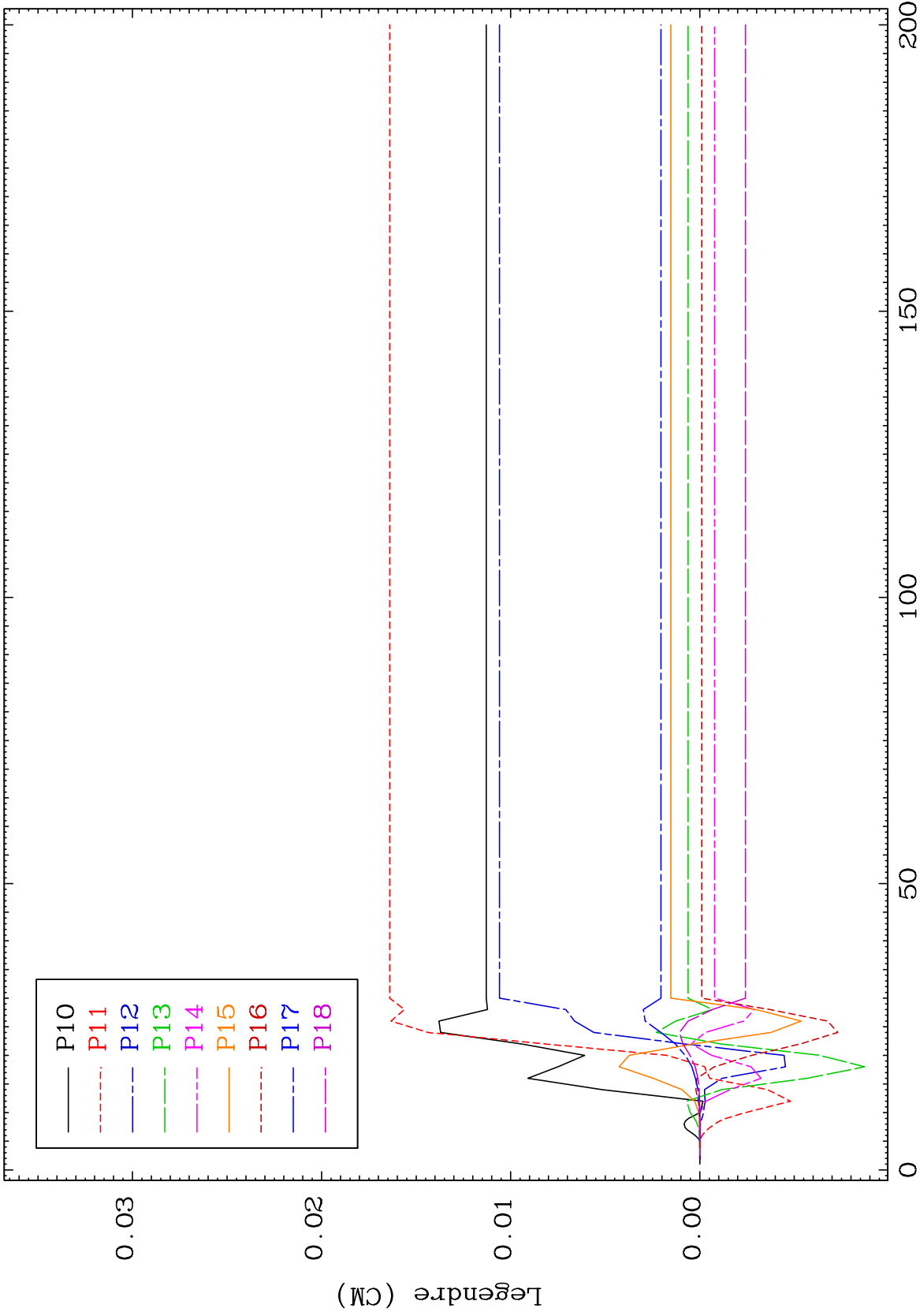
84

58-Ce-149

MAT 5864

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

58-Ce-149



85

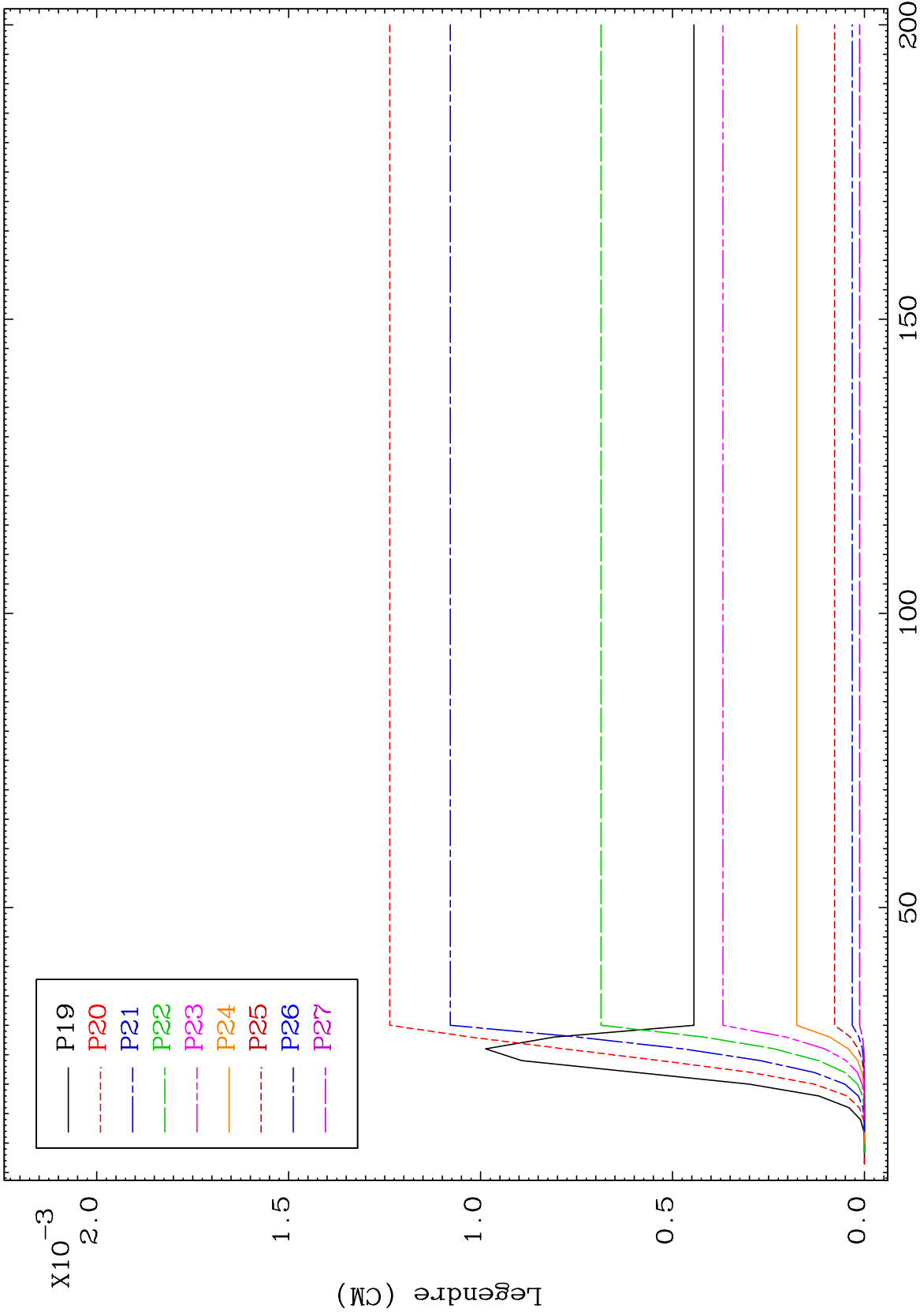
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



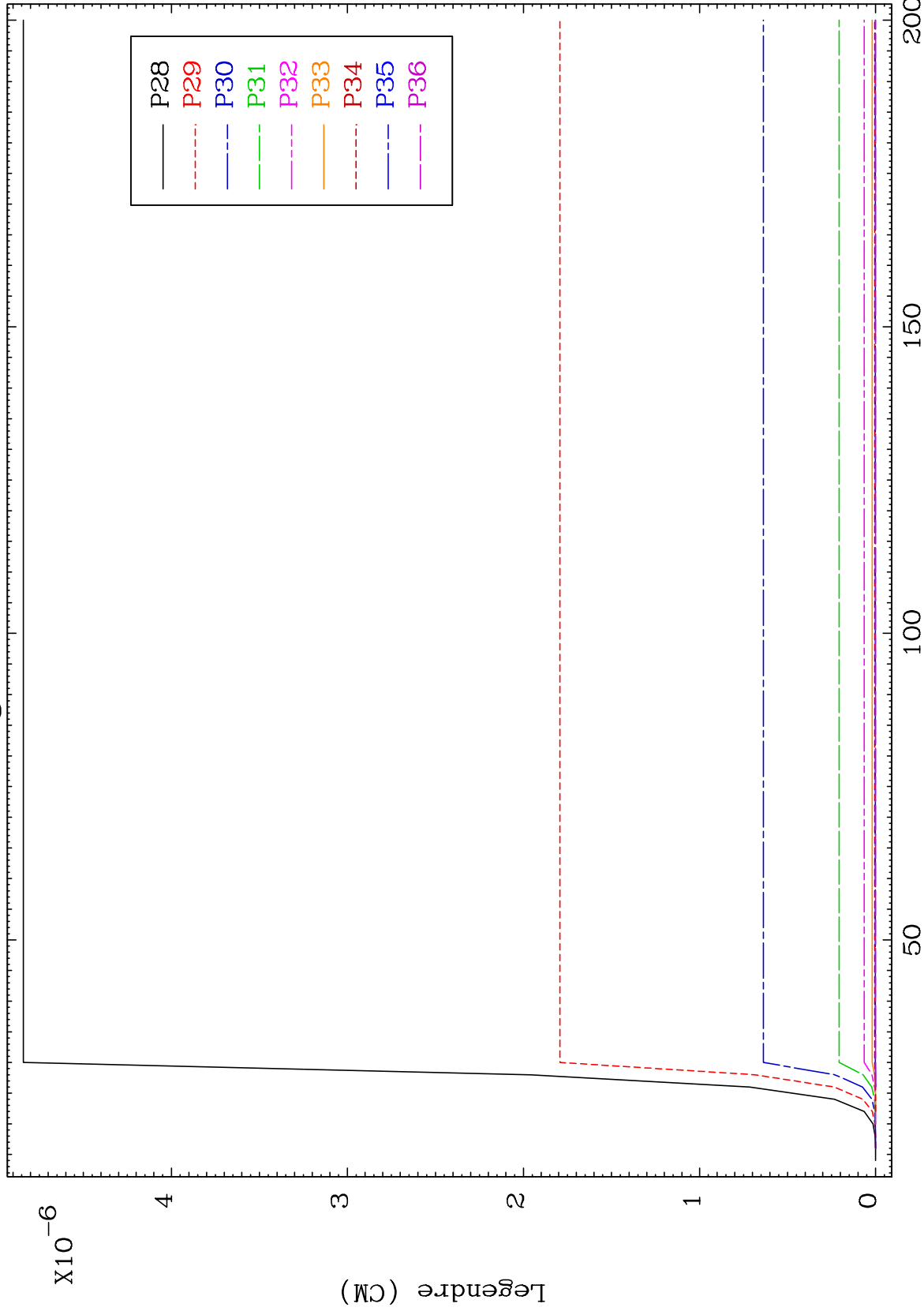
86

58-Ce-149

MAT 5864

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

58-Ce-149

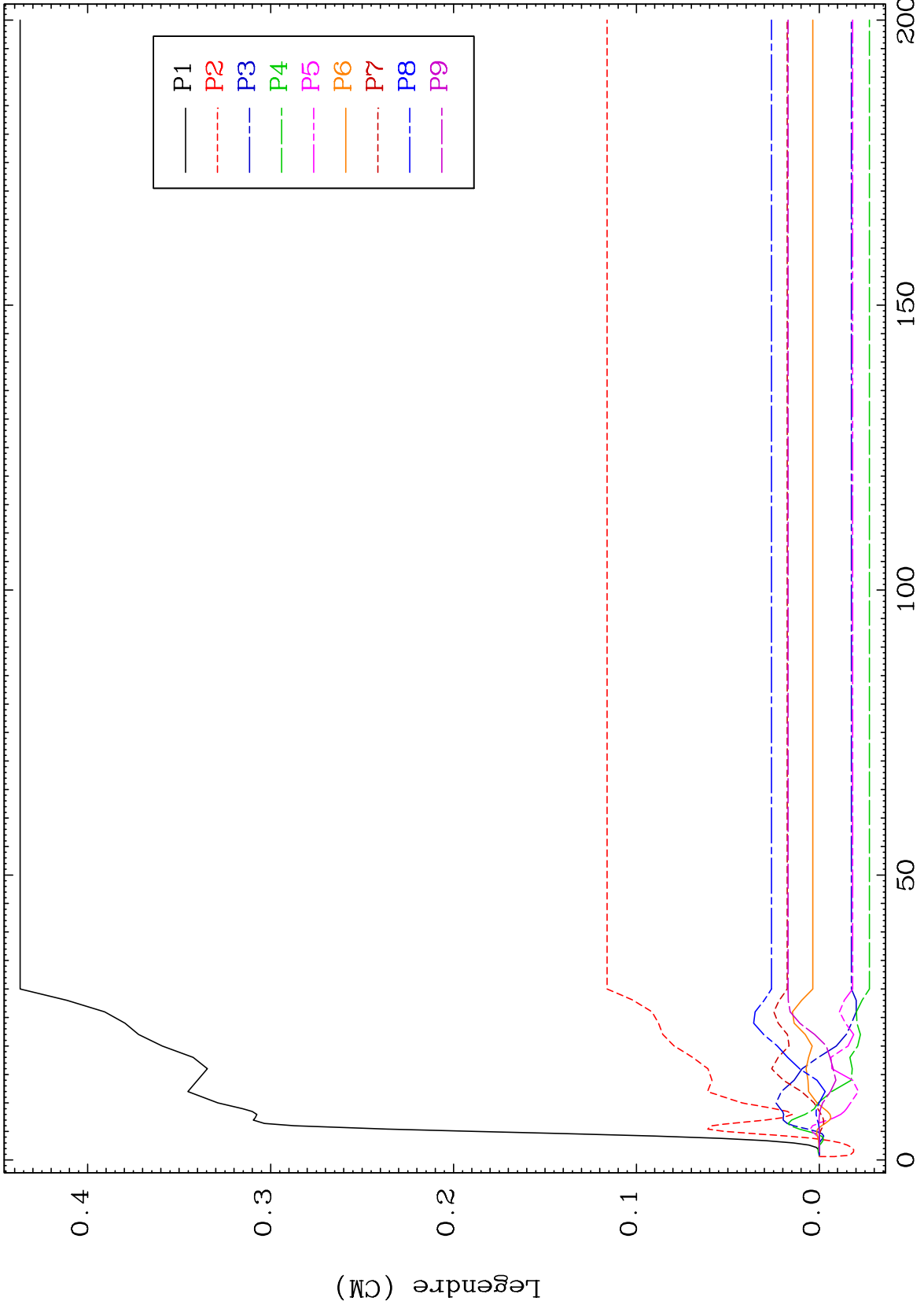




MAT 5864

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

58-Ce-149



88

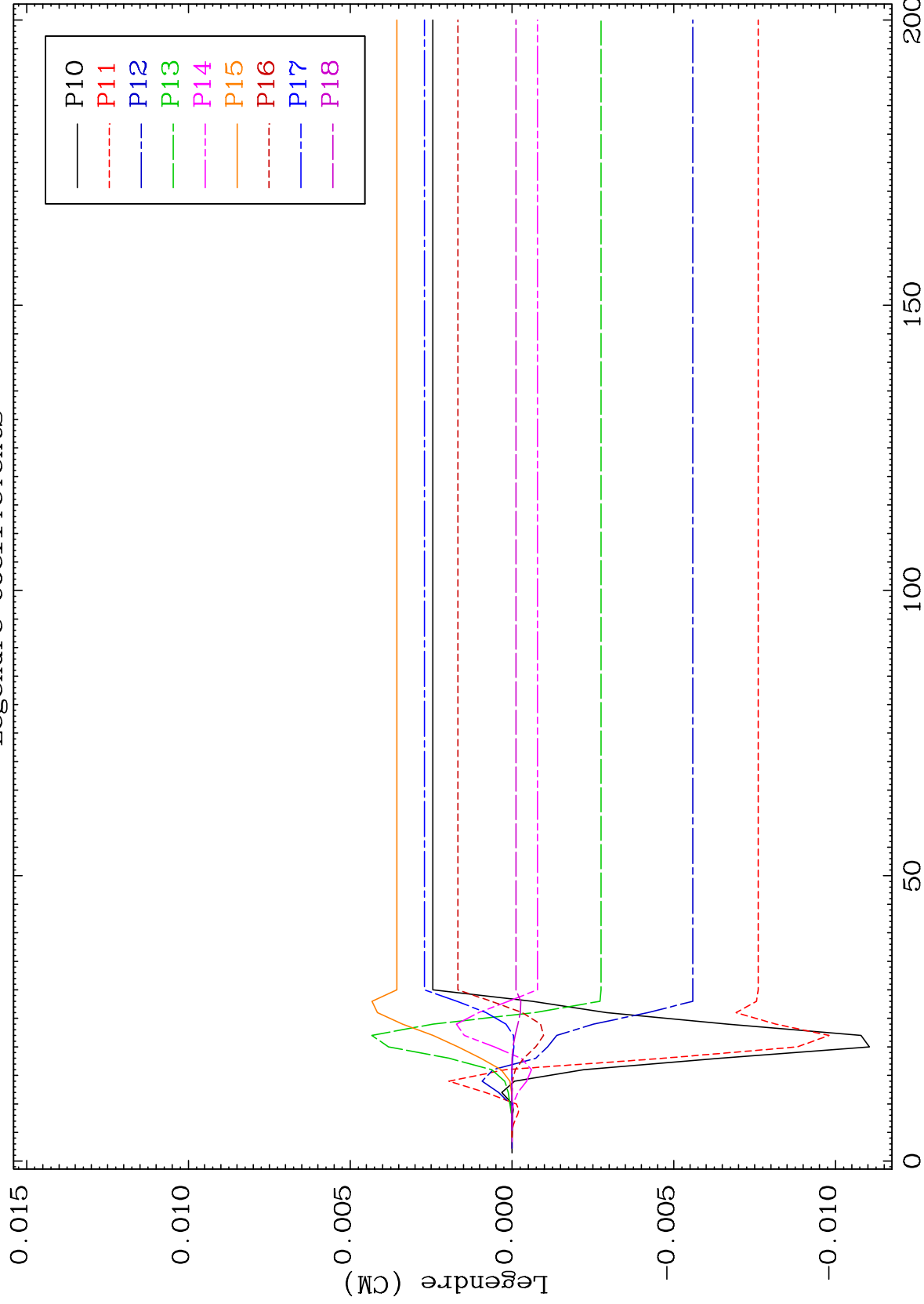
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



89

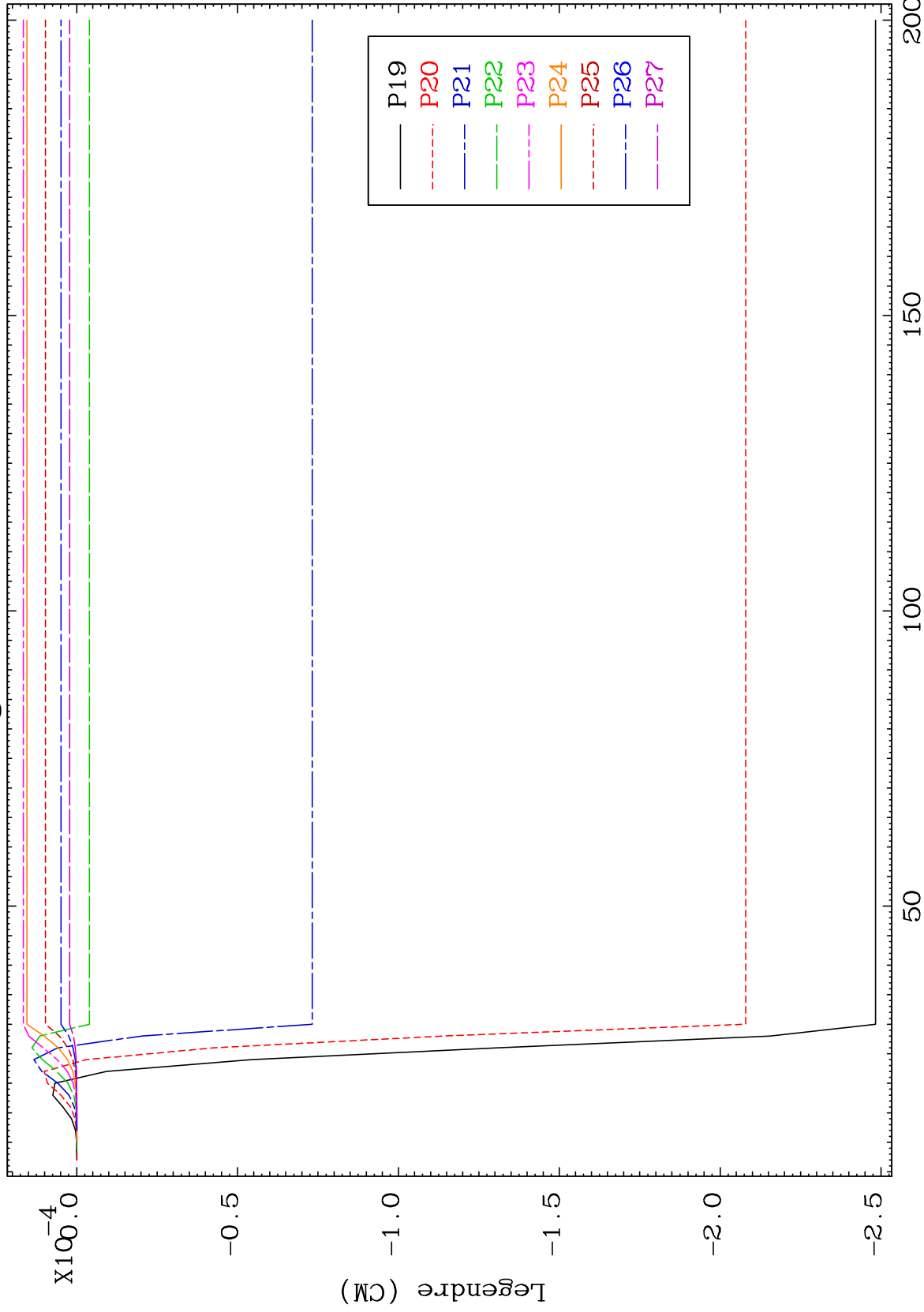
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

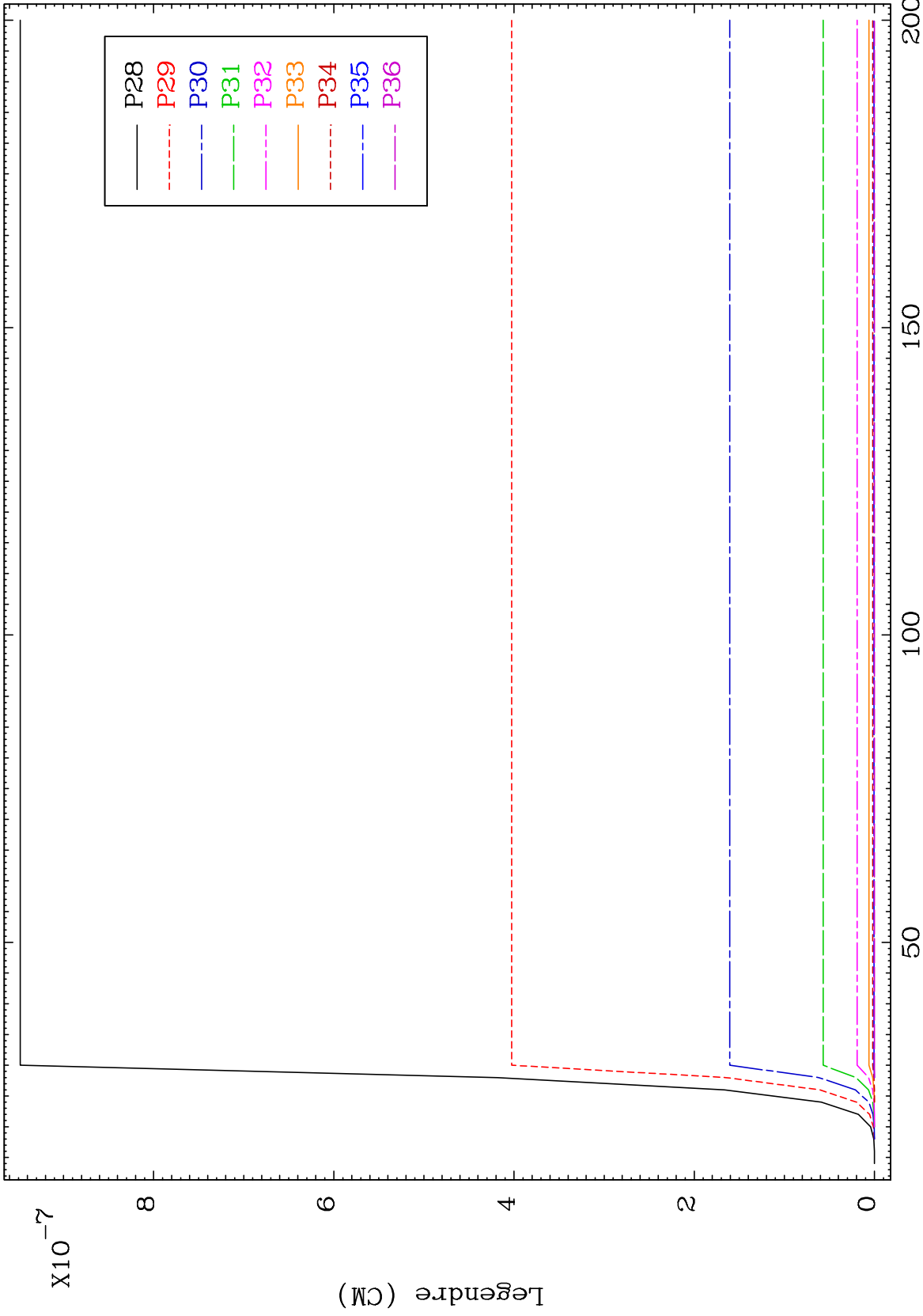
Incident Energy (MeV)

90

MAT 5864

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

58-Ce-149



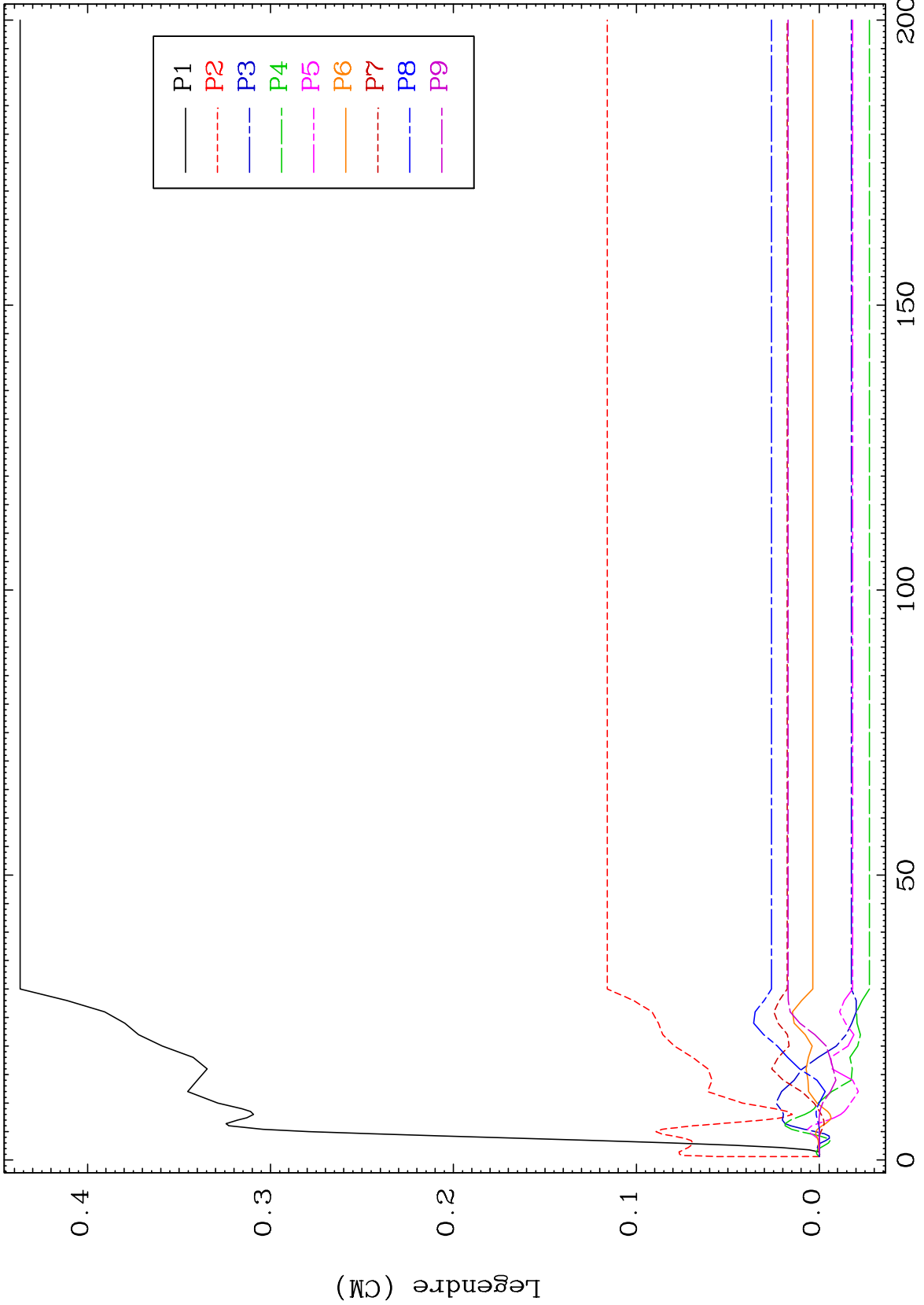
91

58-Ce-149

MAT 5864

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

58-Ce-149



92

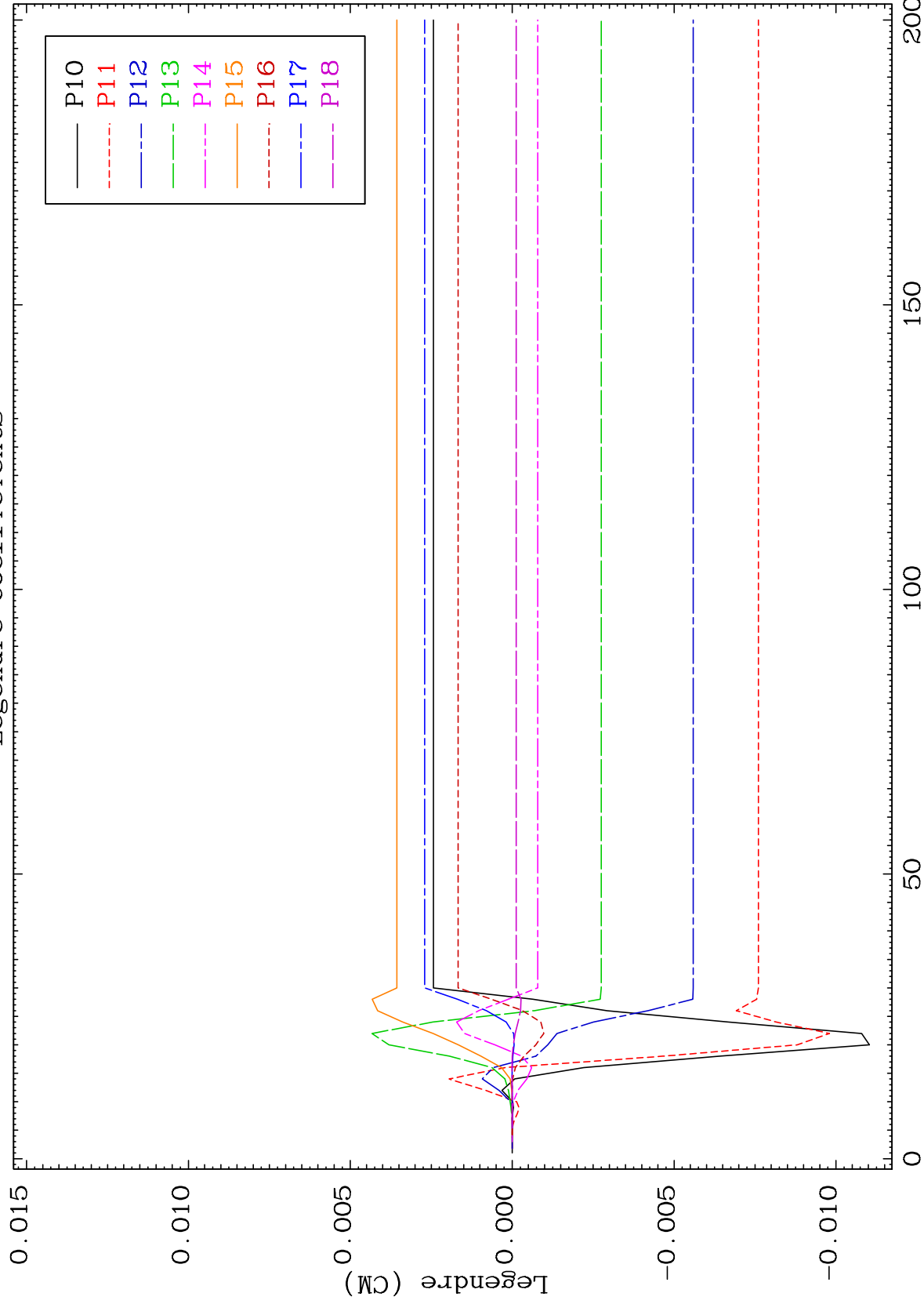
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



93

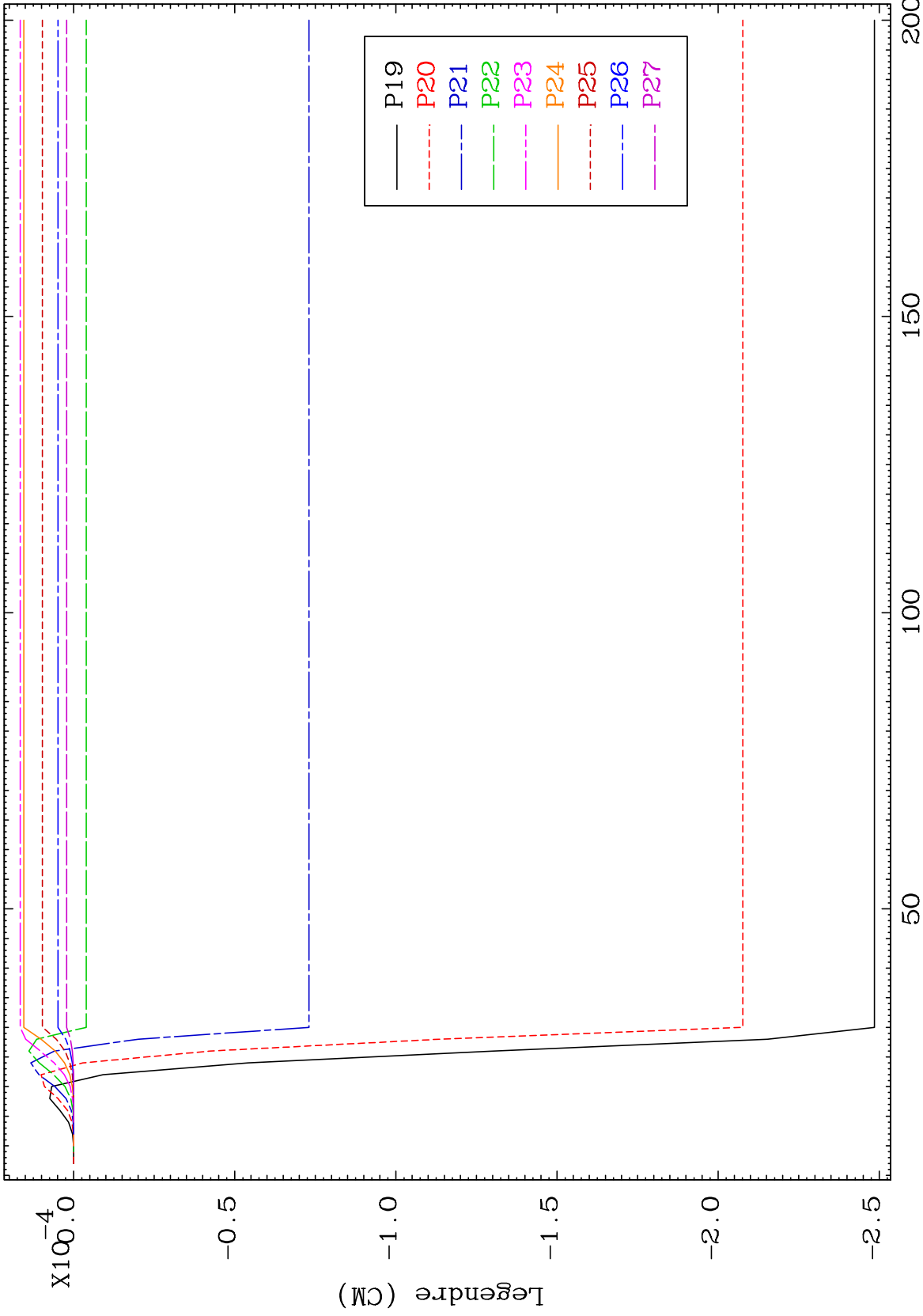
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

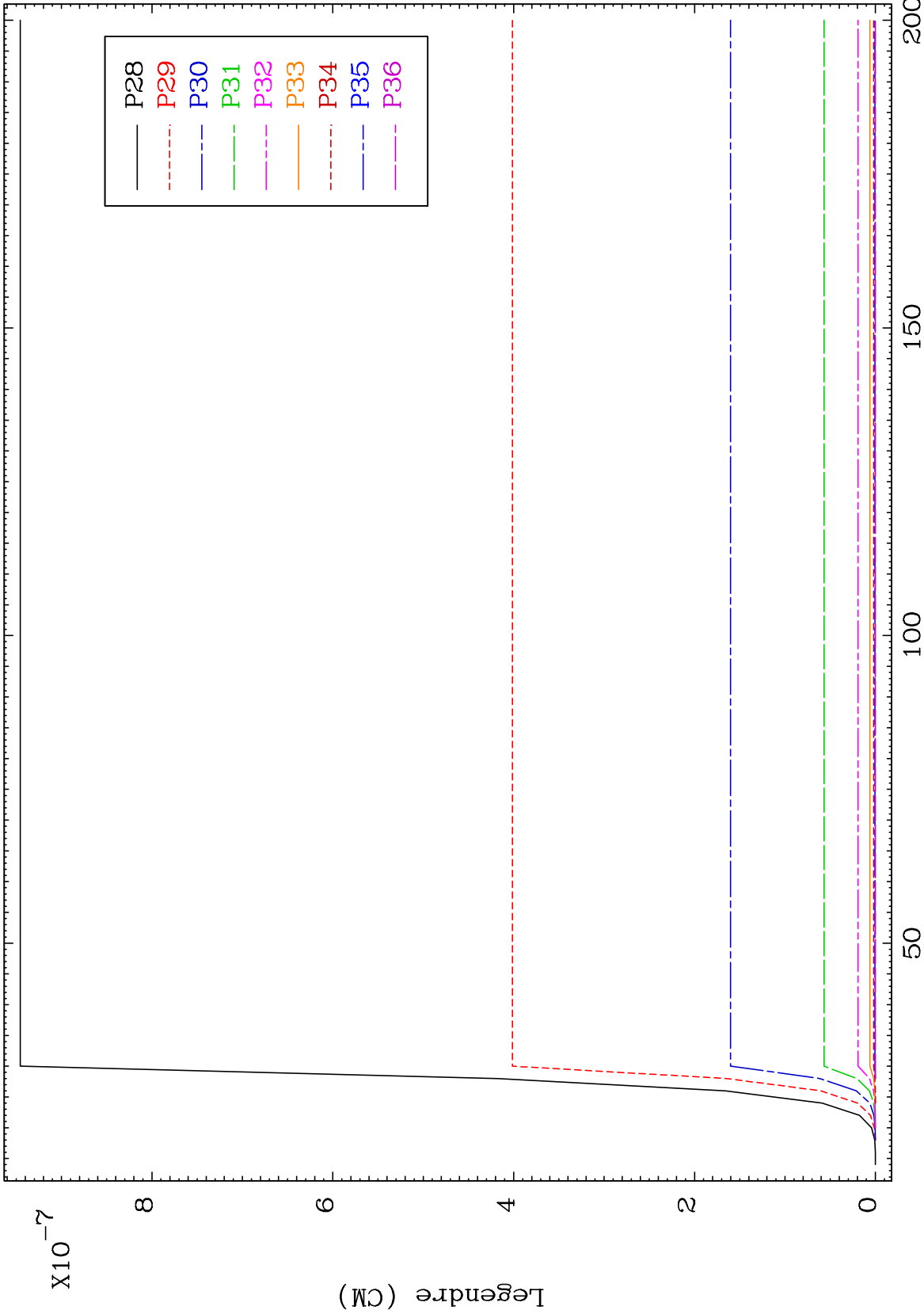
Incident Energy (MeV)

94

MAT 5864

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

58-Ce-149



95

Incident Energy (MeV)

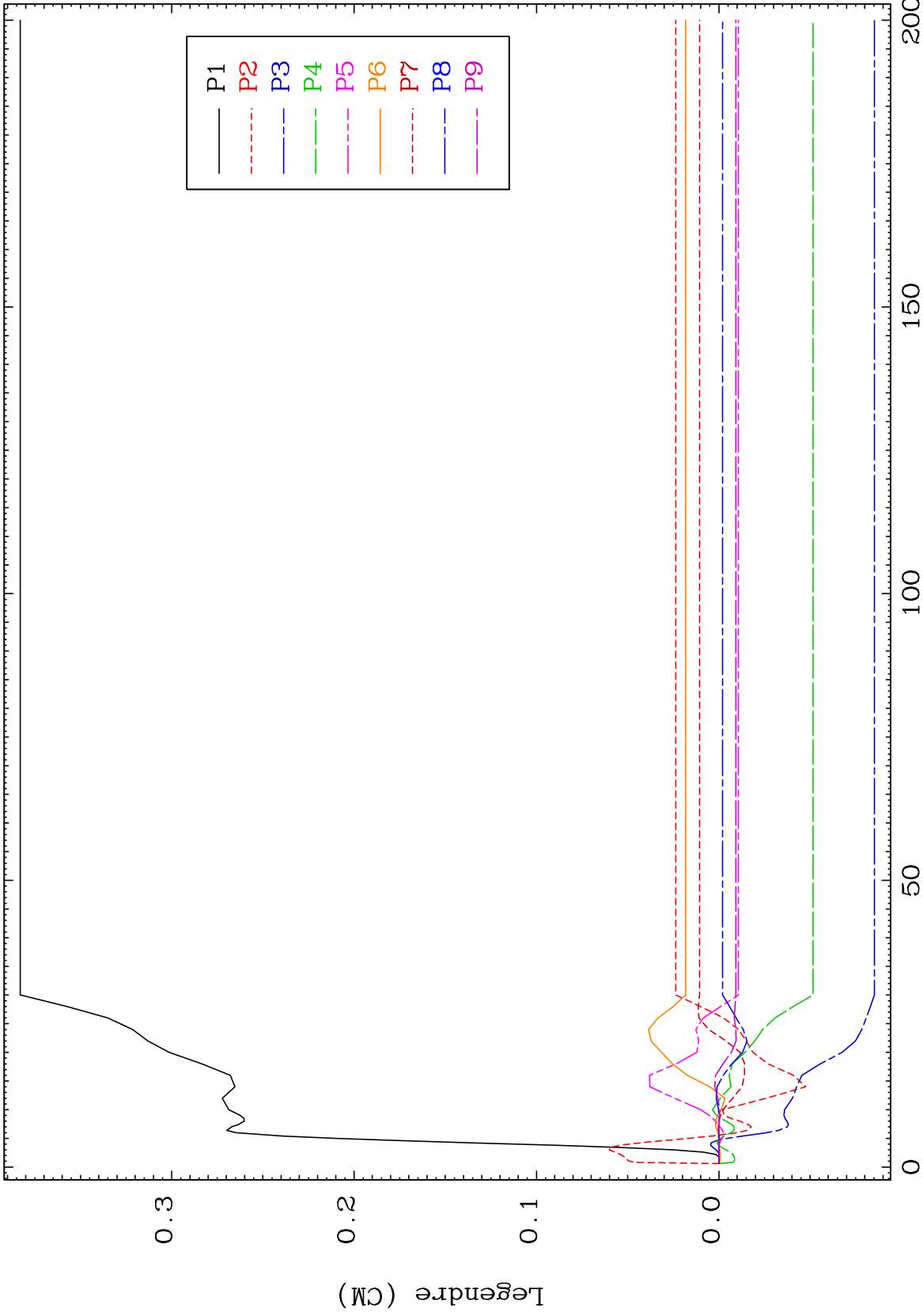
58-Ce-149



MAT 5864

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

58-Ce-149



96

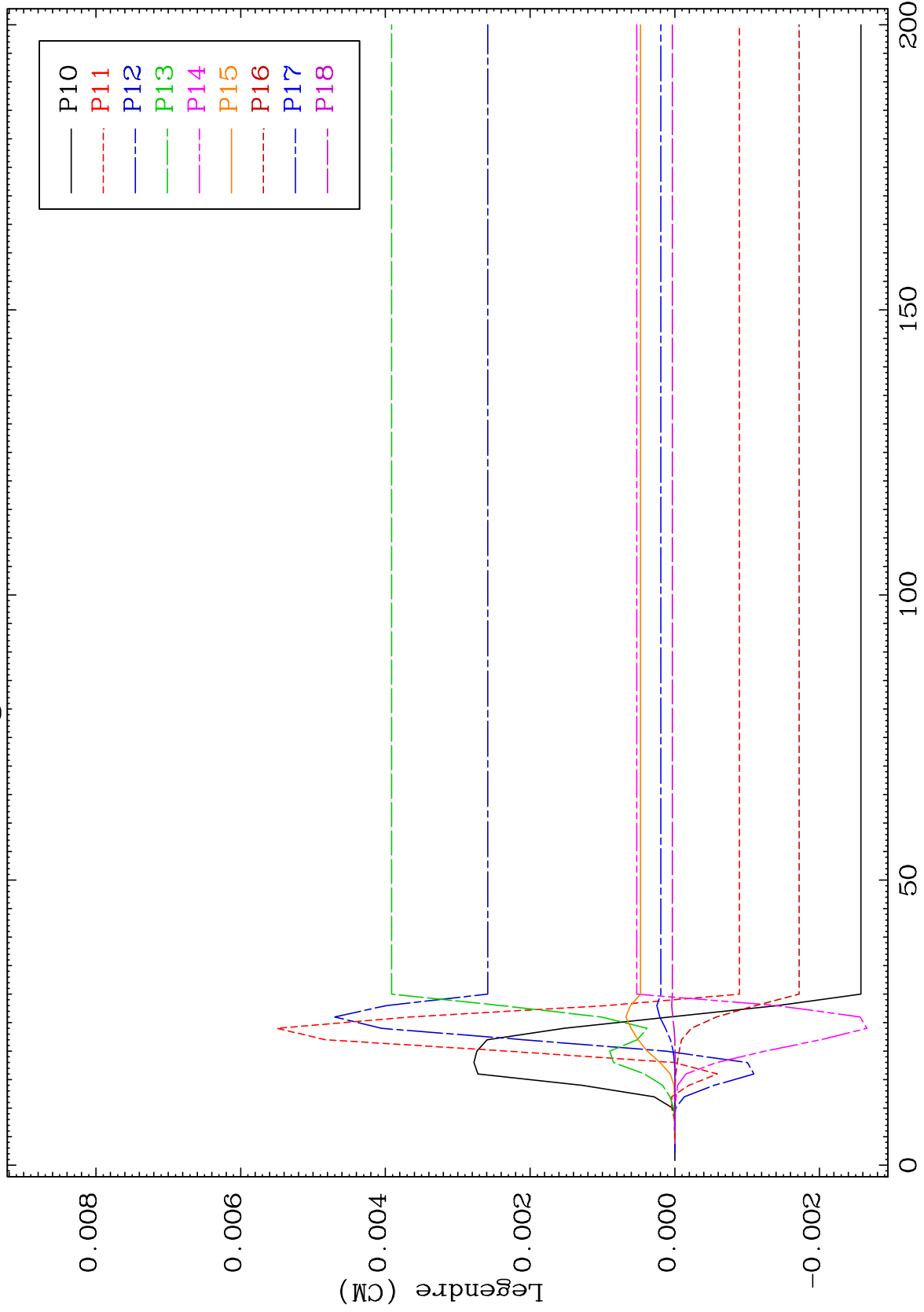
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



97

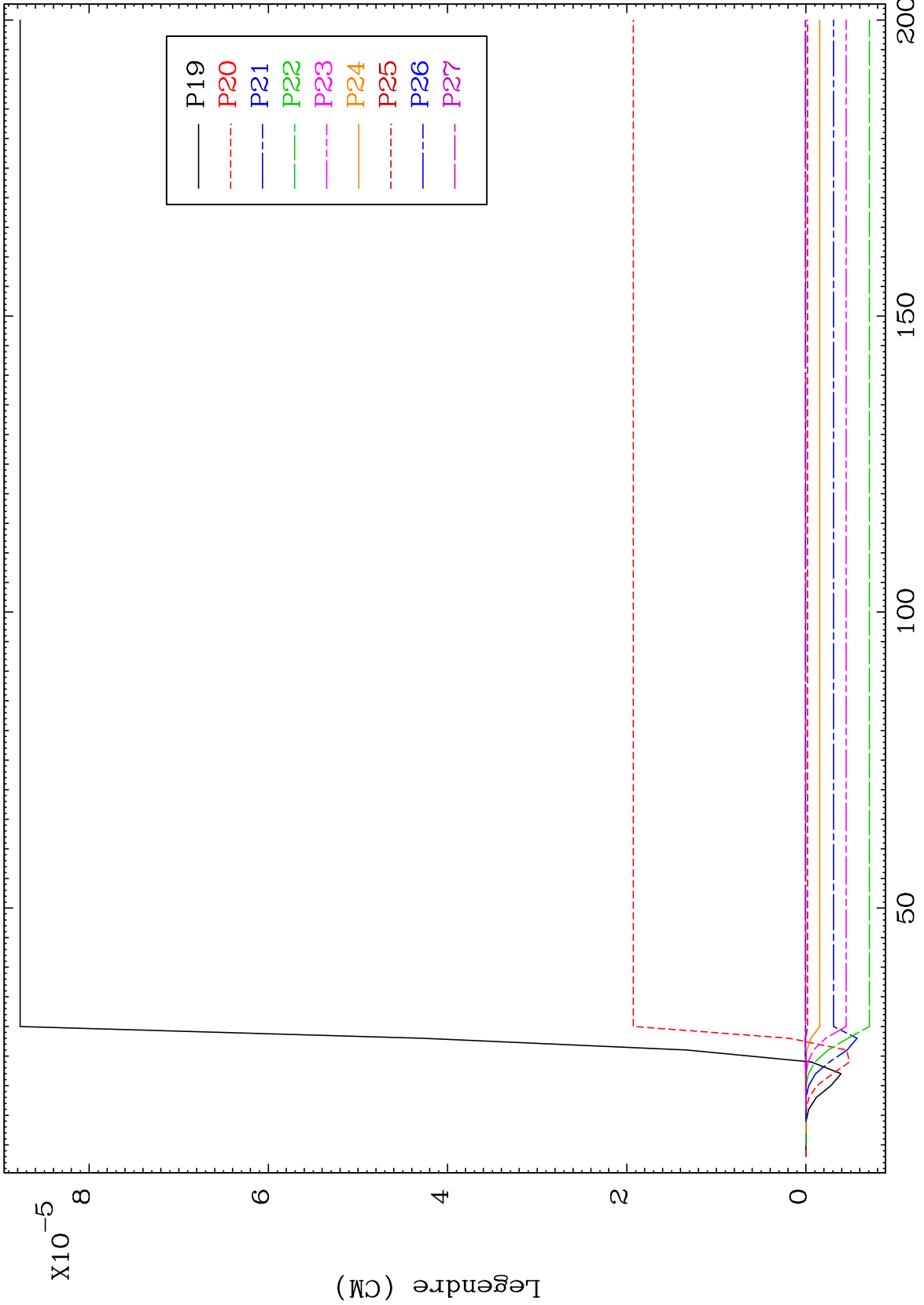
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



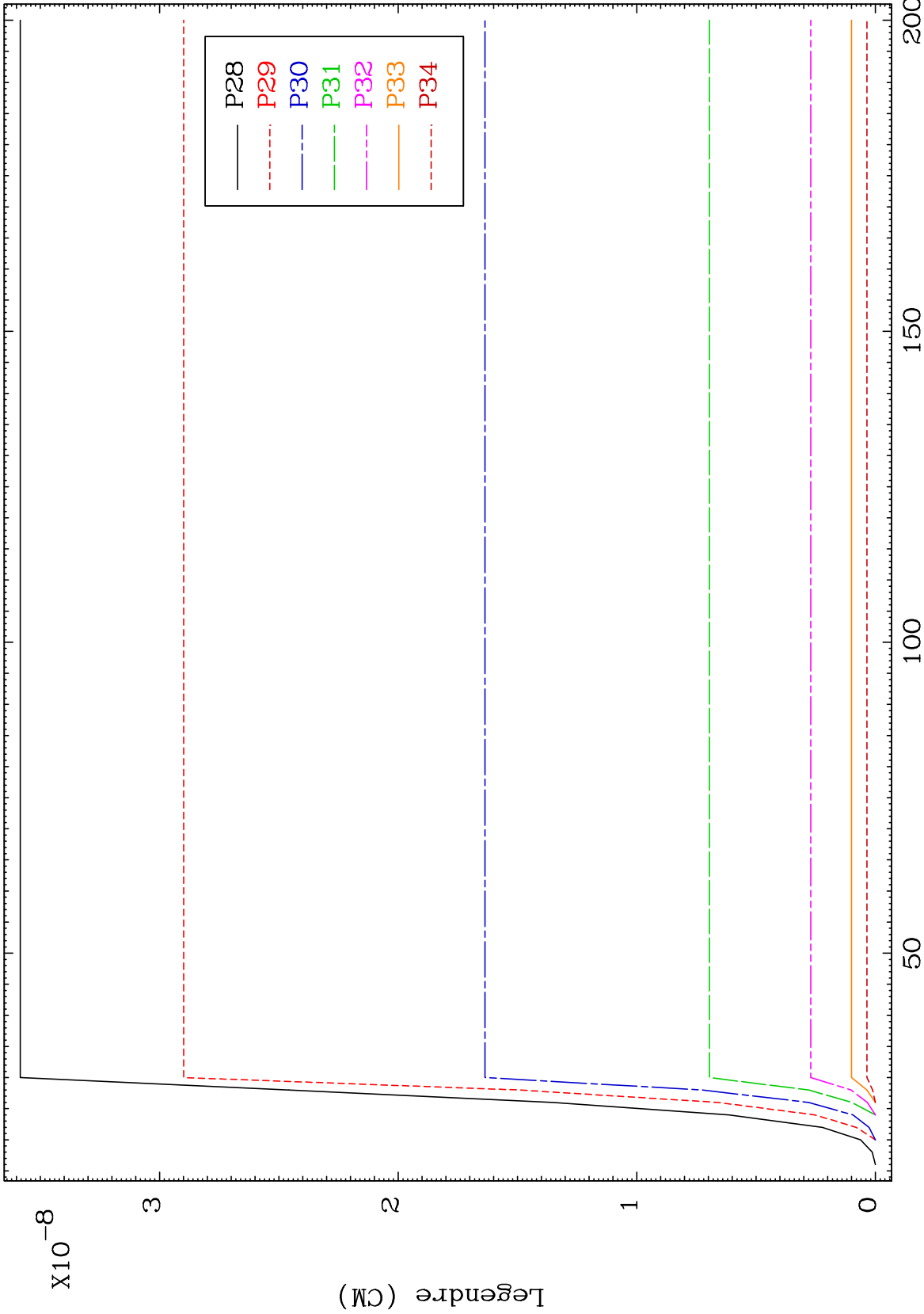
98

58-Ce-149

MAT 5864

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

58-Ce-149



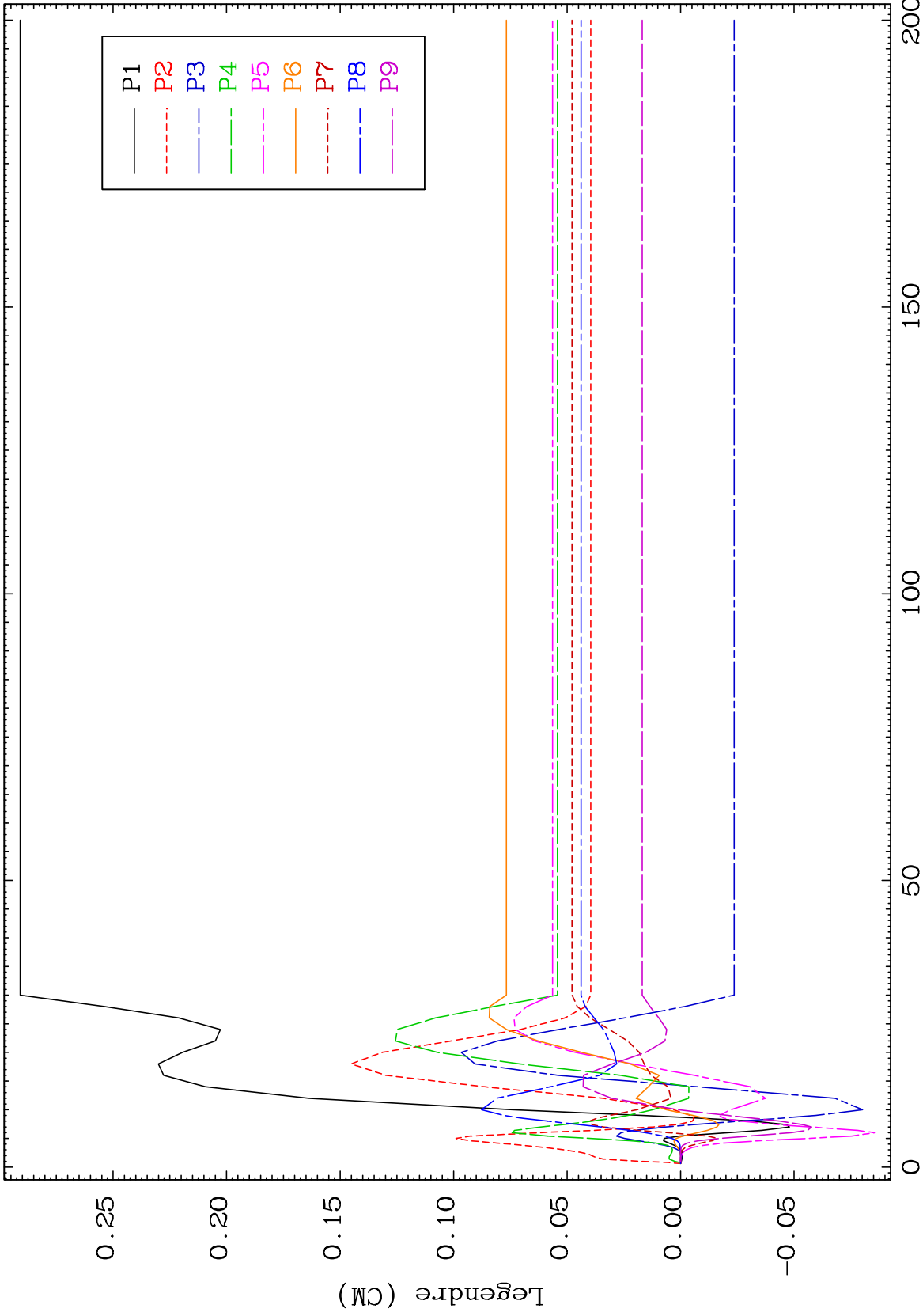
99

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

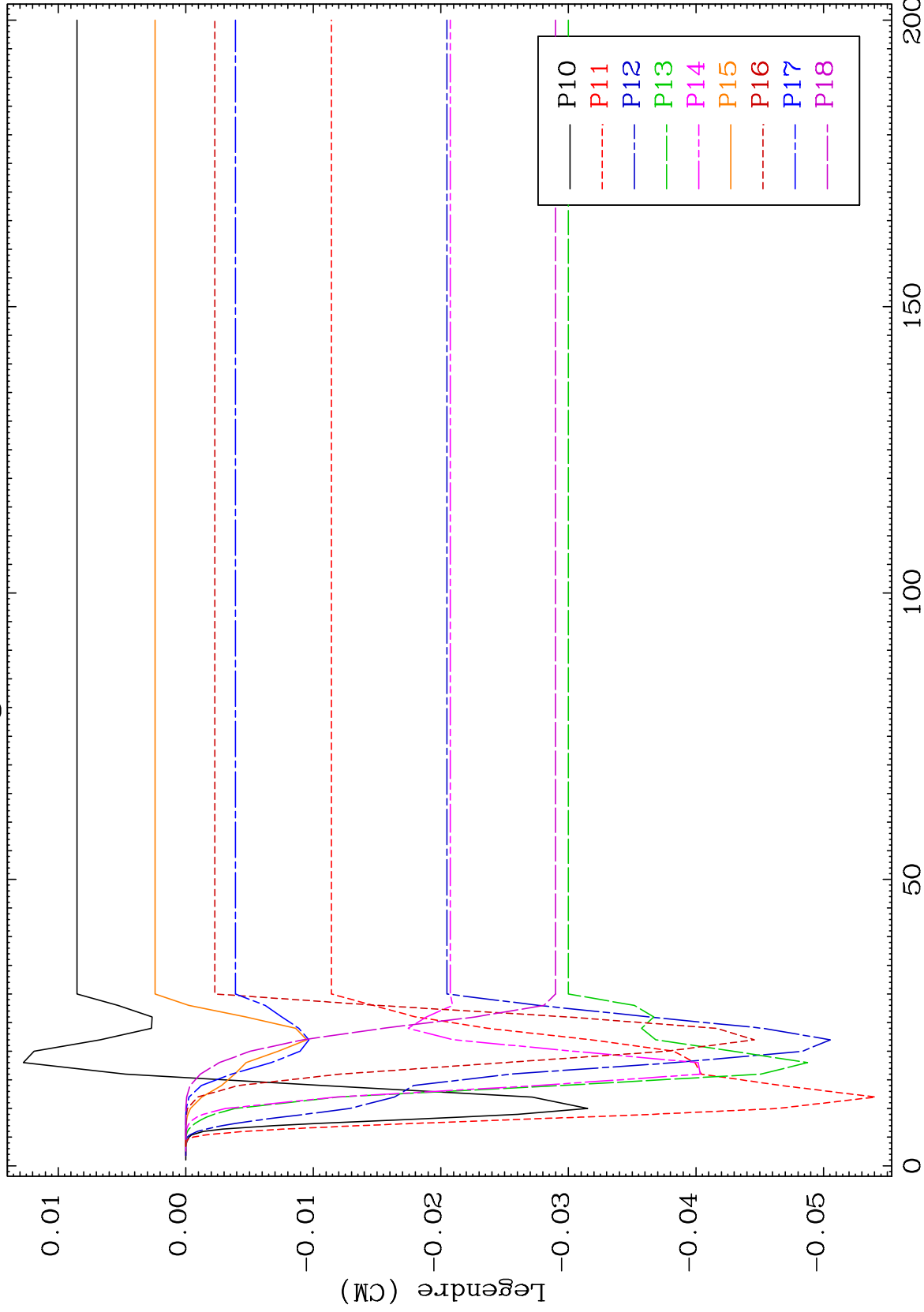
Incident Energy (MeV)

100

MAT 5864

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

58-Ce-149



101

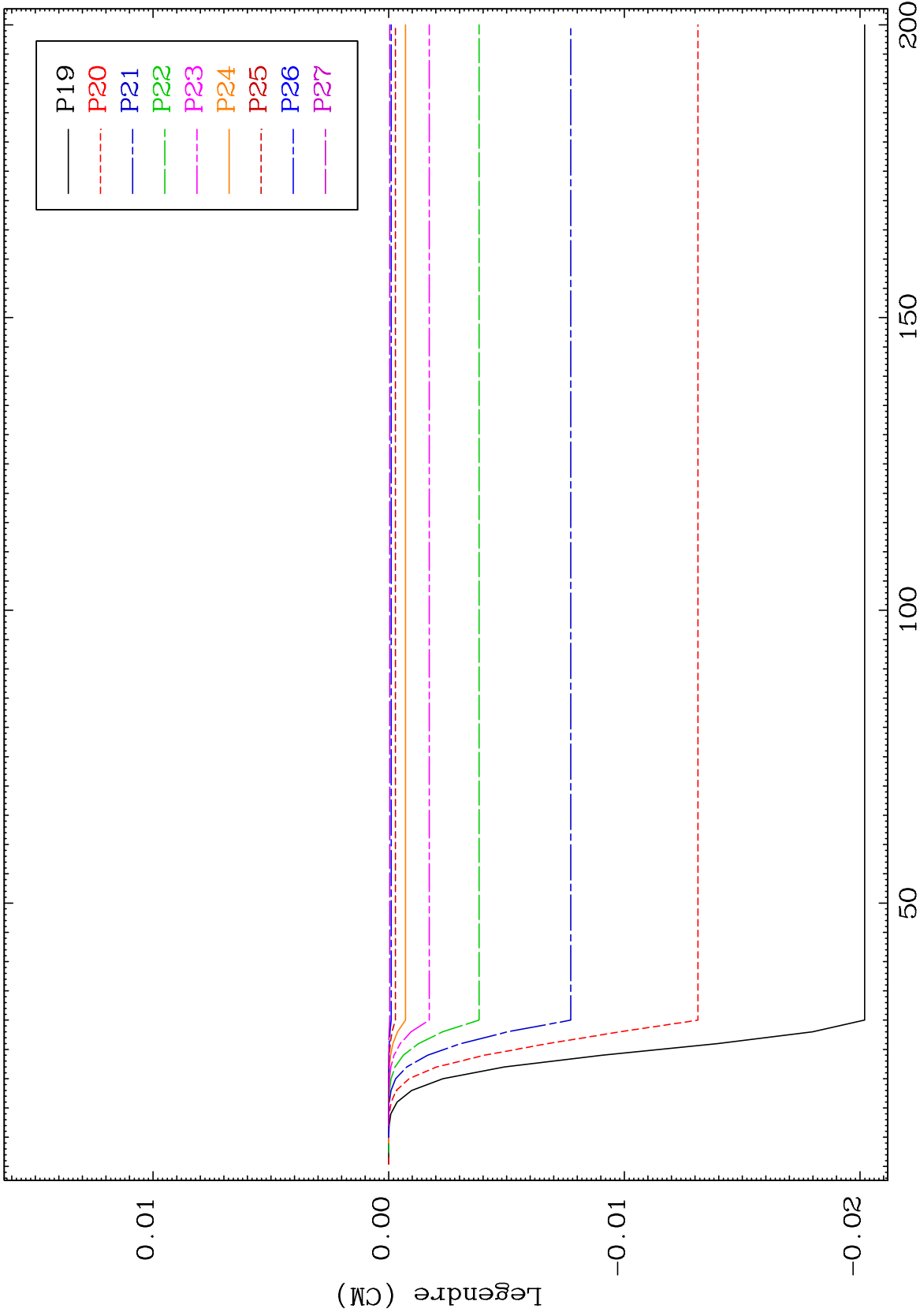
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



102

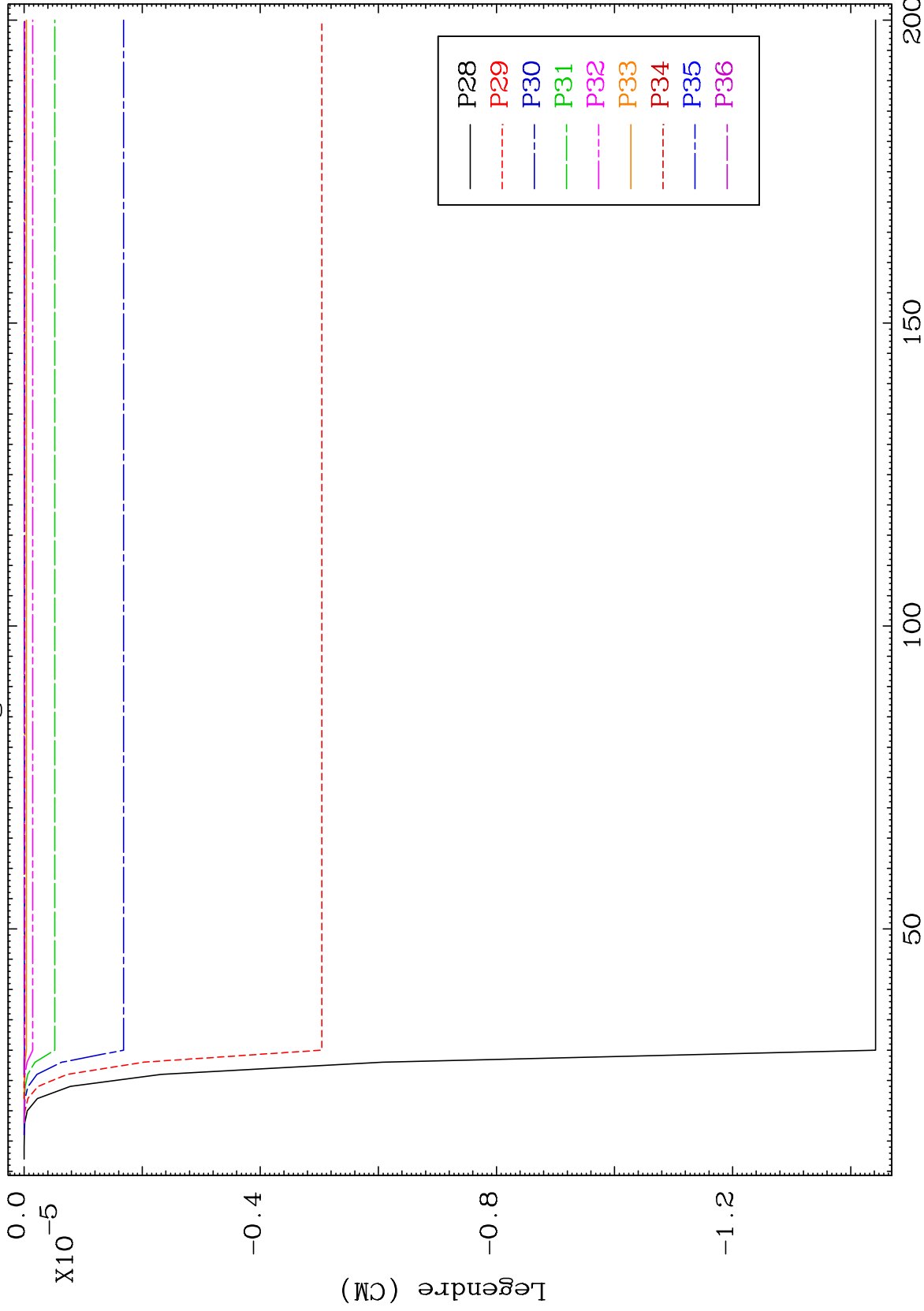
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

Incident Energy (MeV)

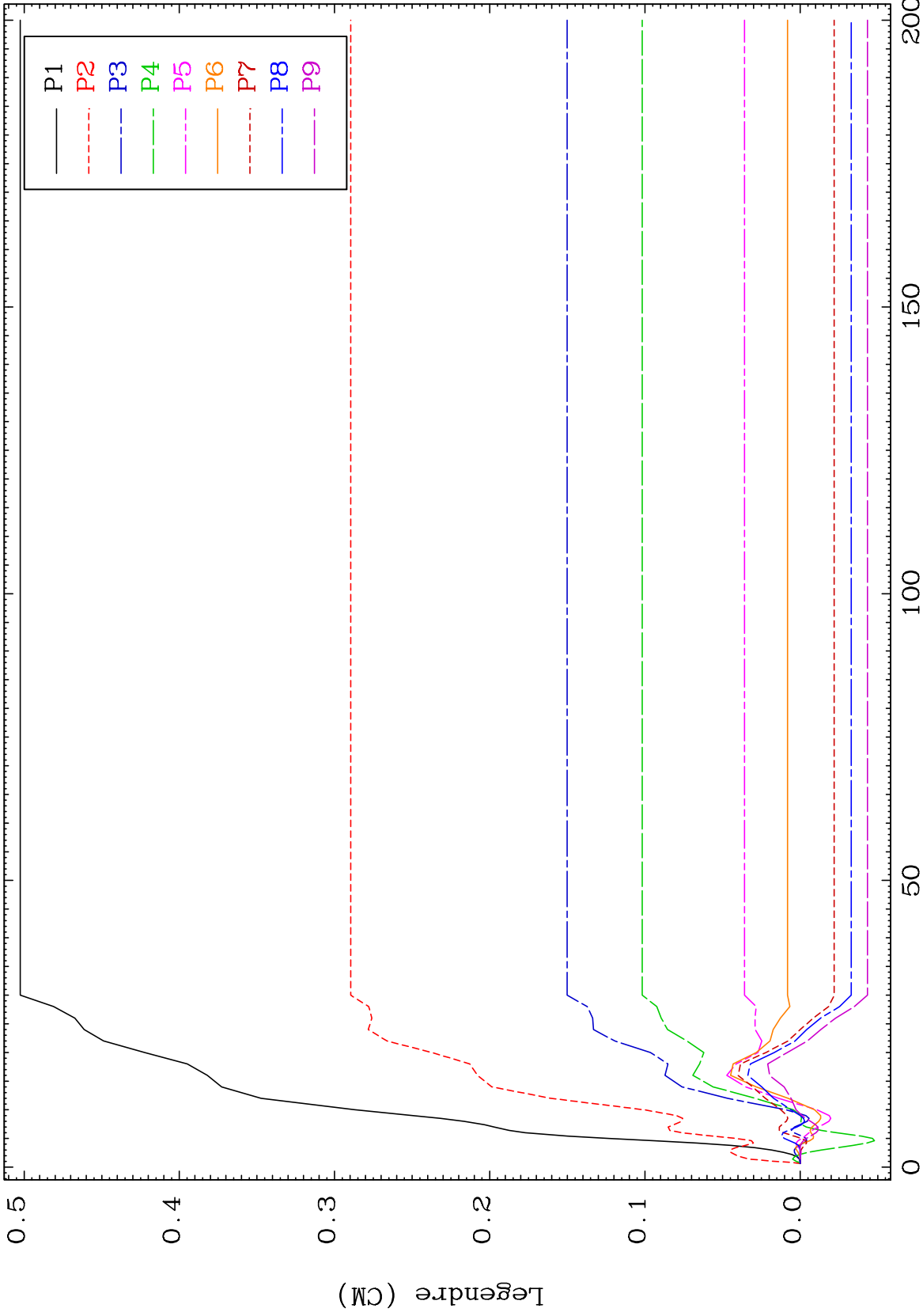
103



MAT 5864

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

58-Ce-149



58-Ce-149

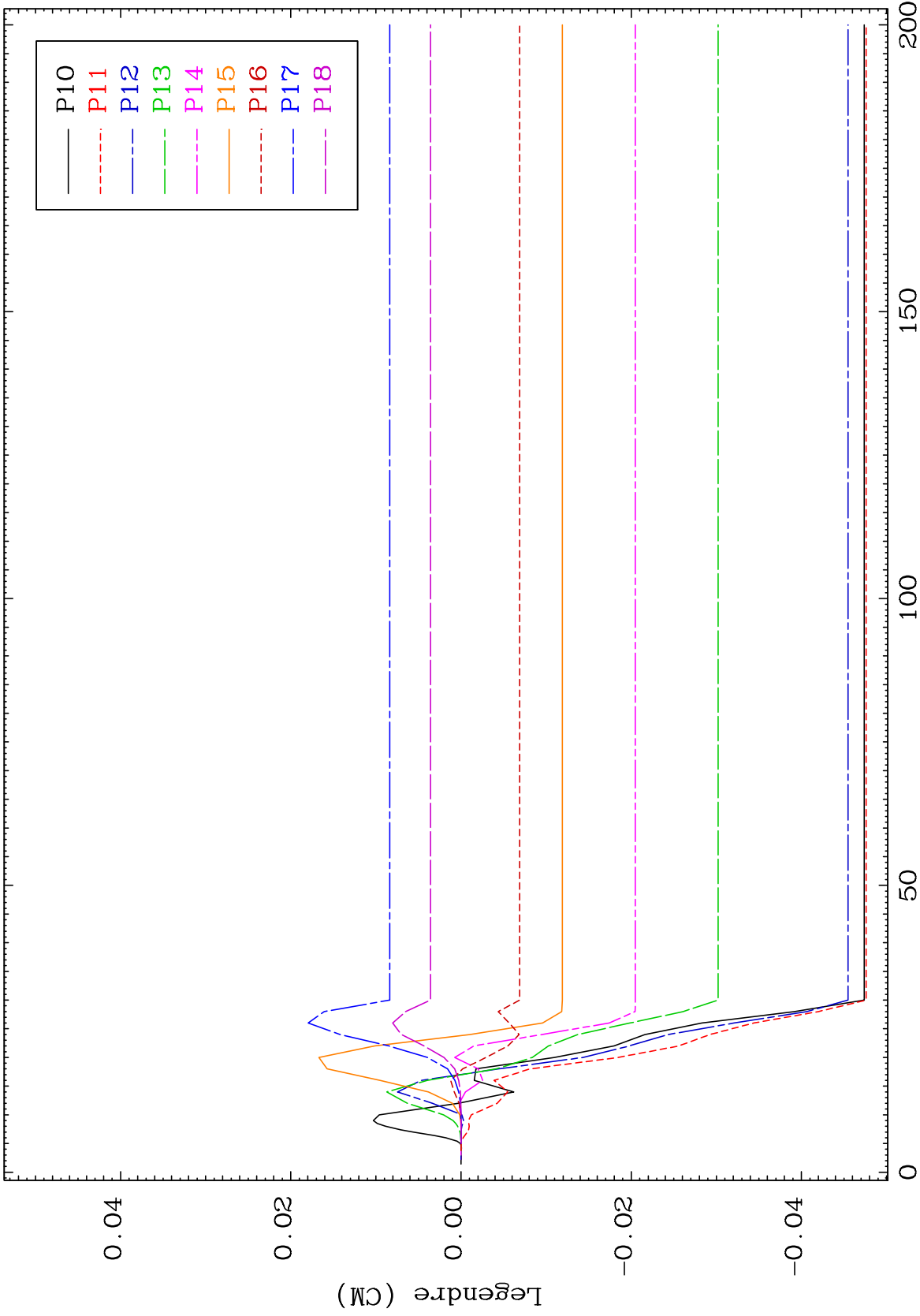
Incident Energy (MeV)

104

MAT 5864

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

58-Ce-149



58-Ce-149

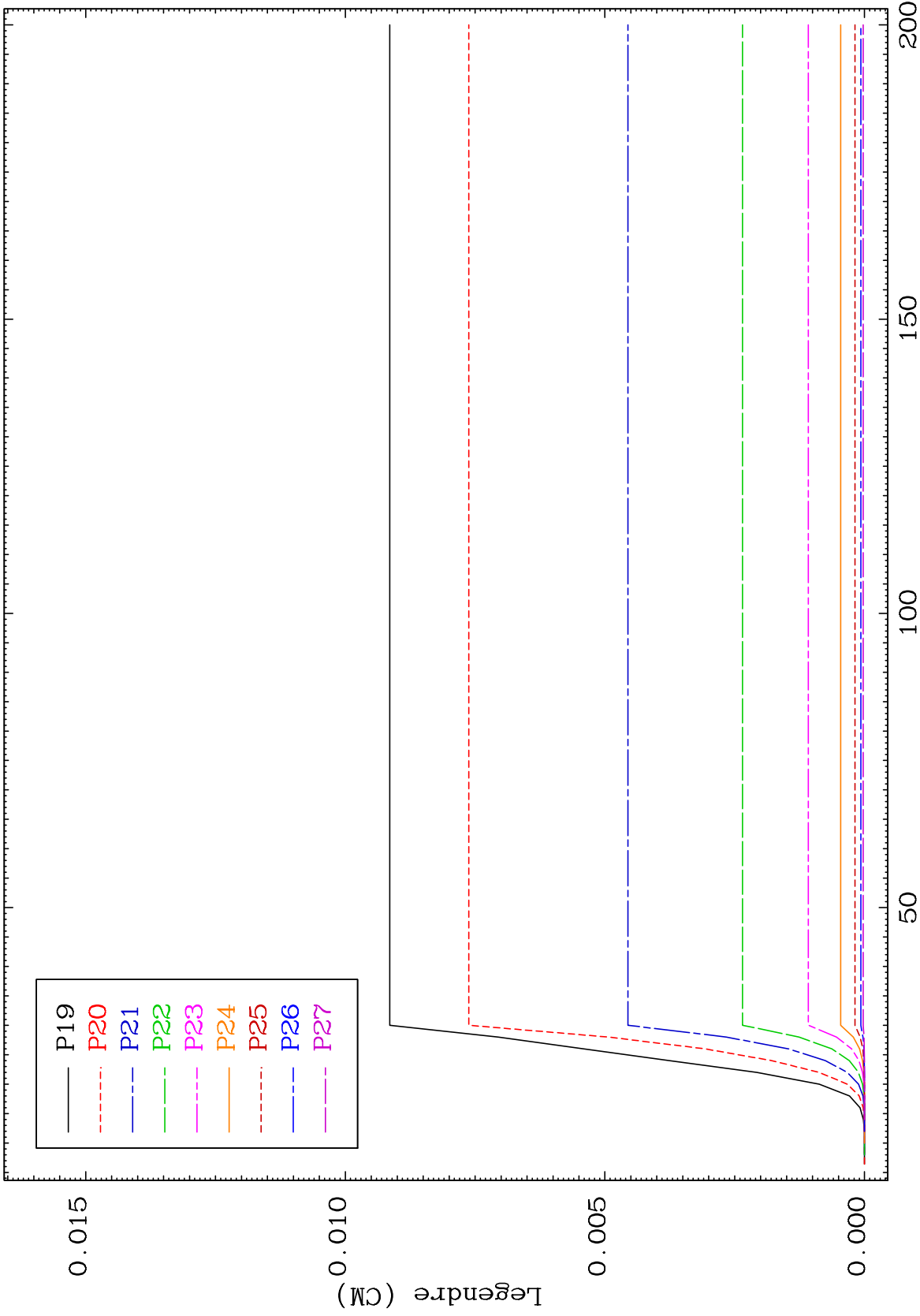
Incident Energy (MeV)

105

MAT 5864

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

58-Ce-149



106

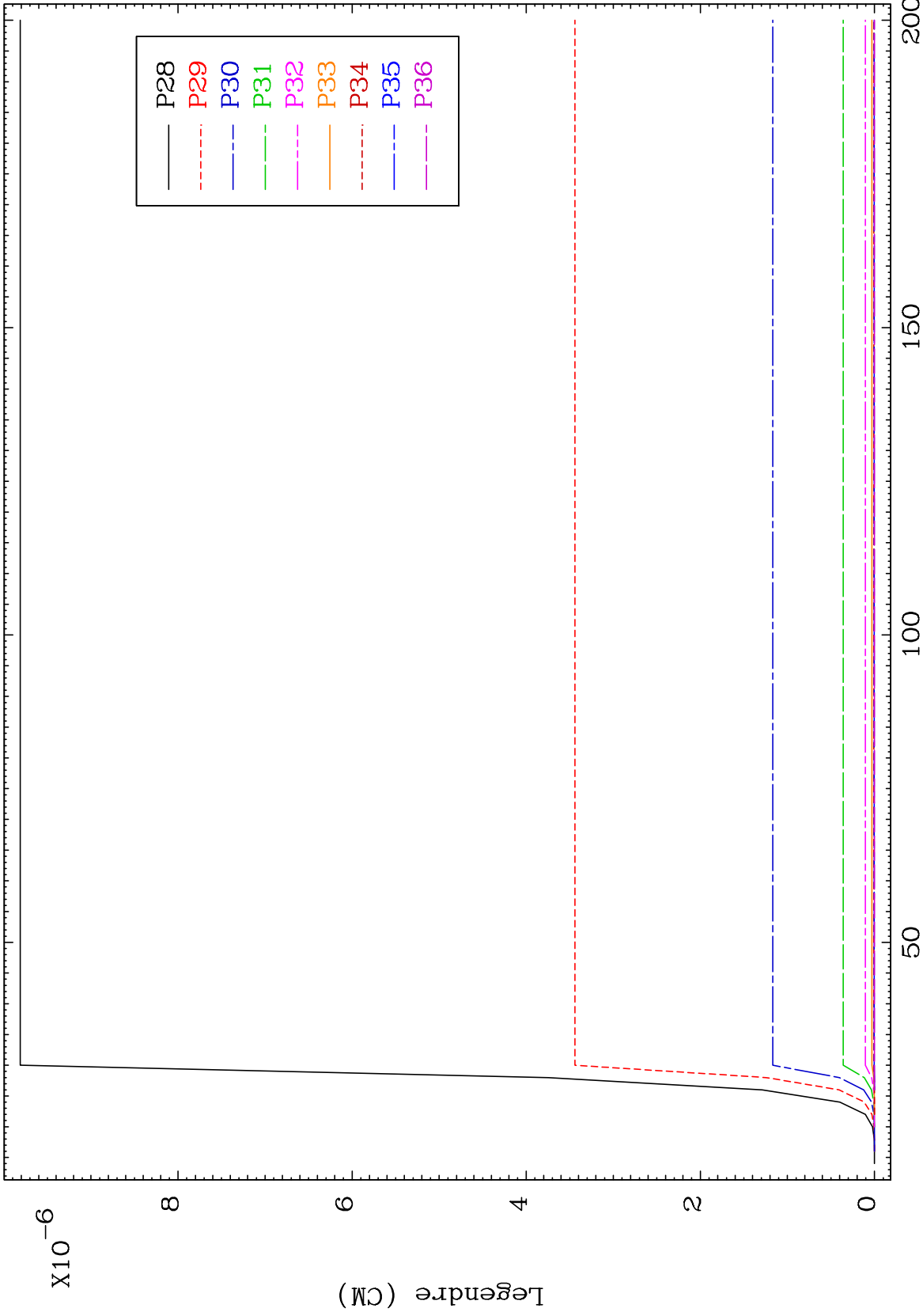
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



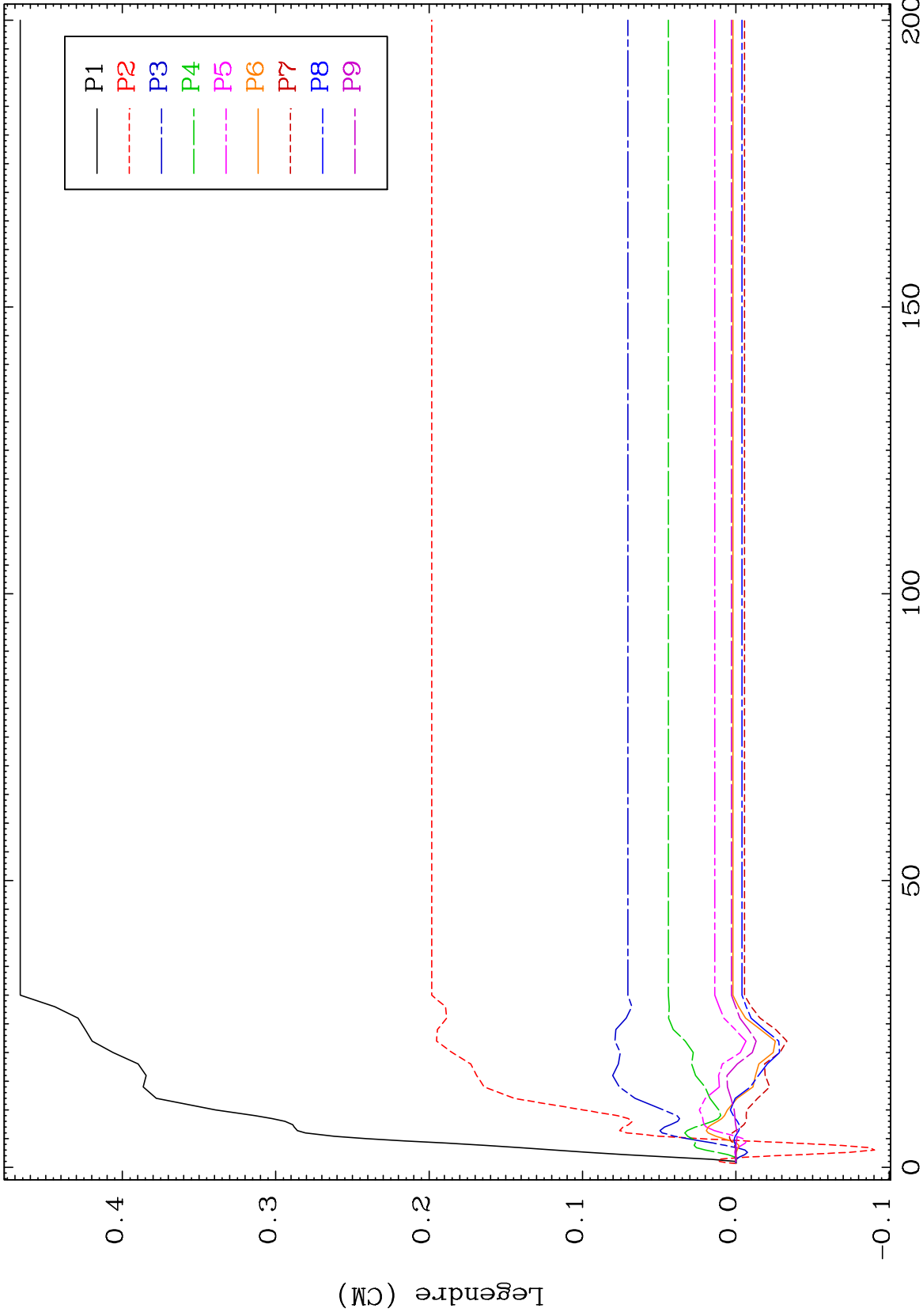
107

58-Ce-149

MAT 5864

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

58-Ce-149



108

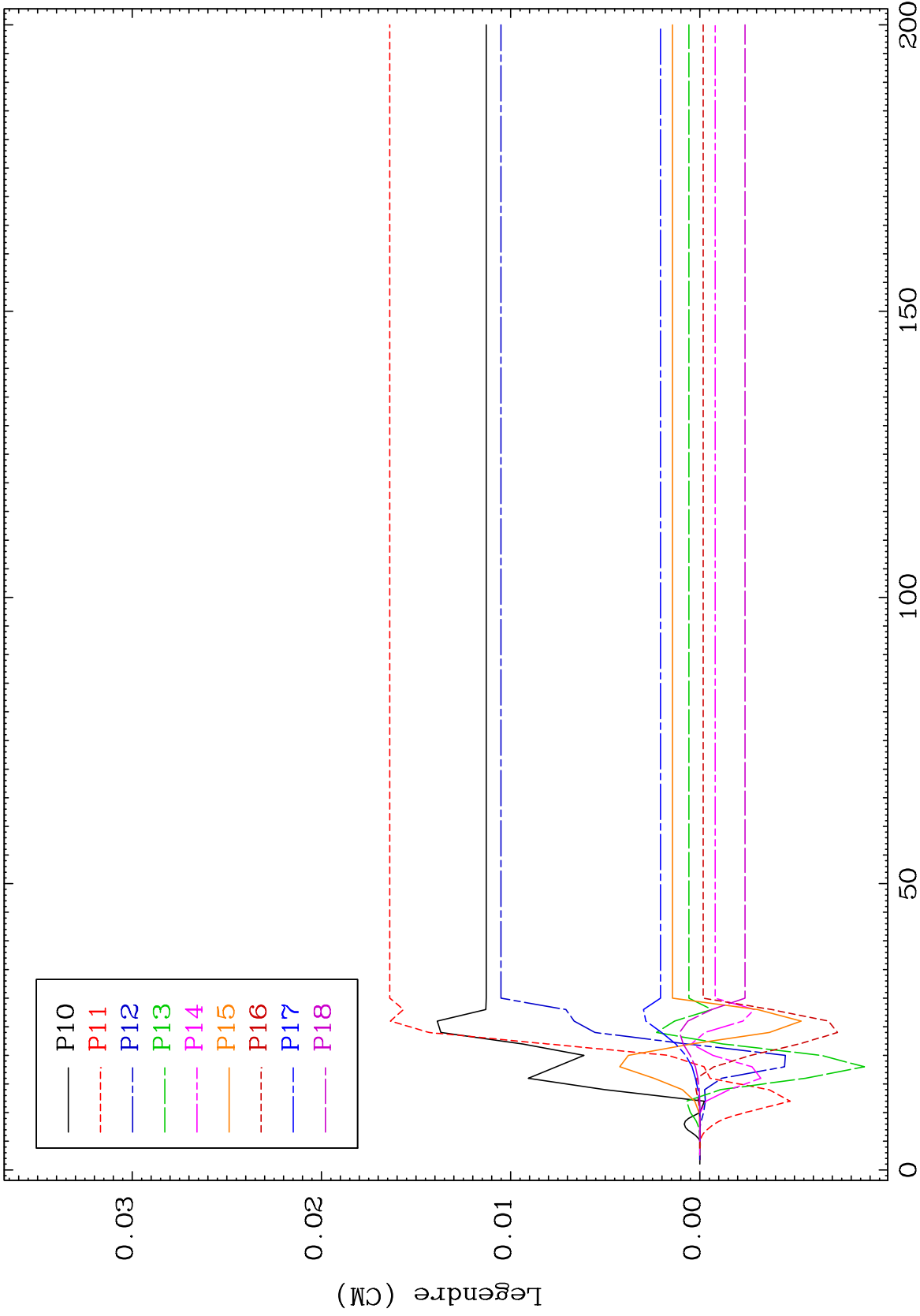
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



109

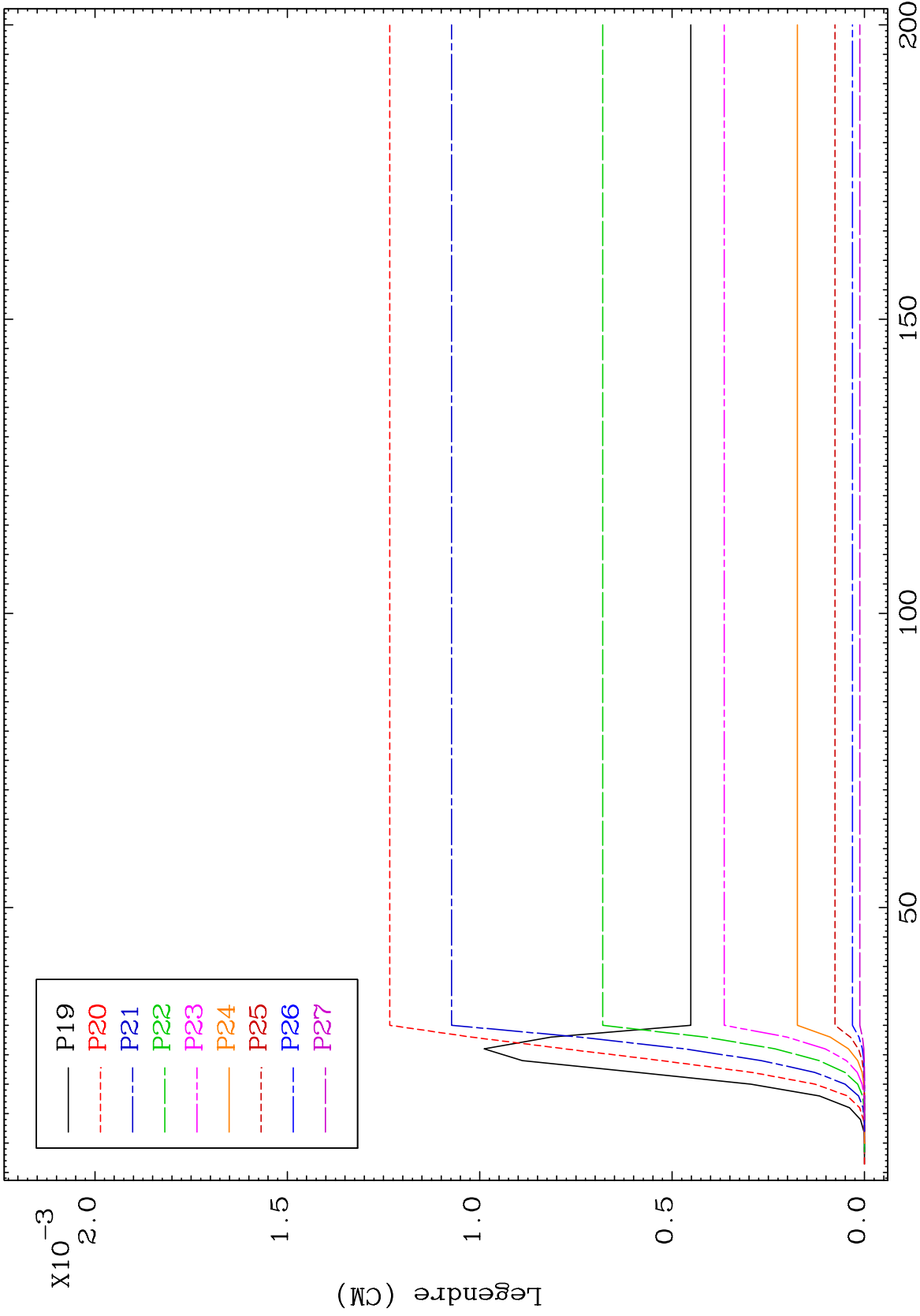
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



110

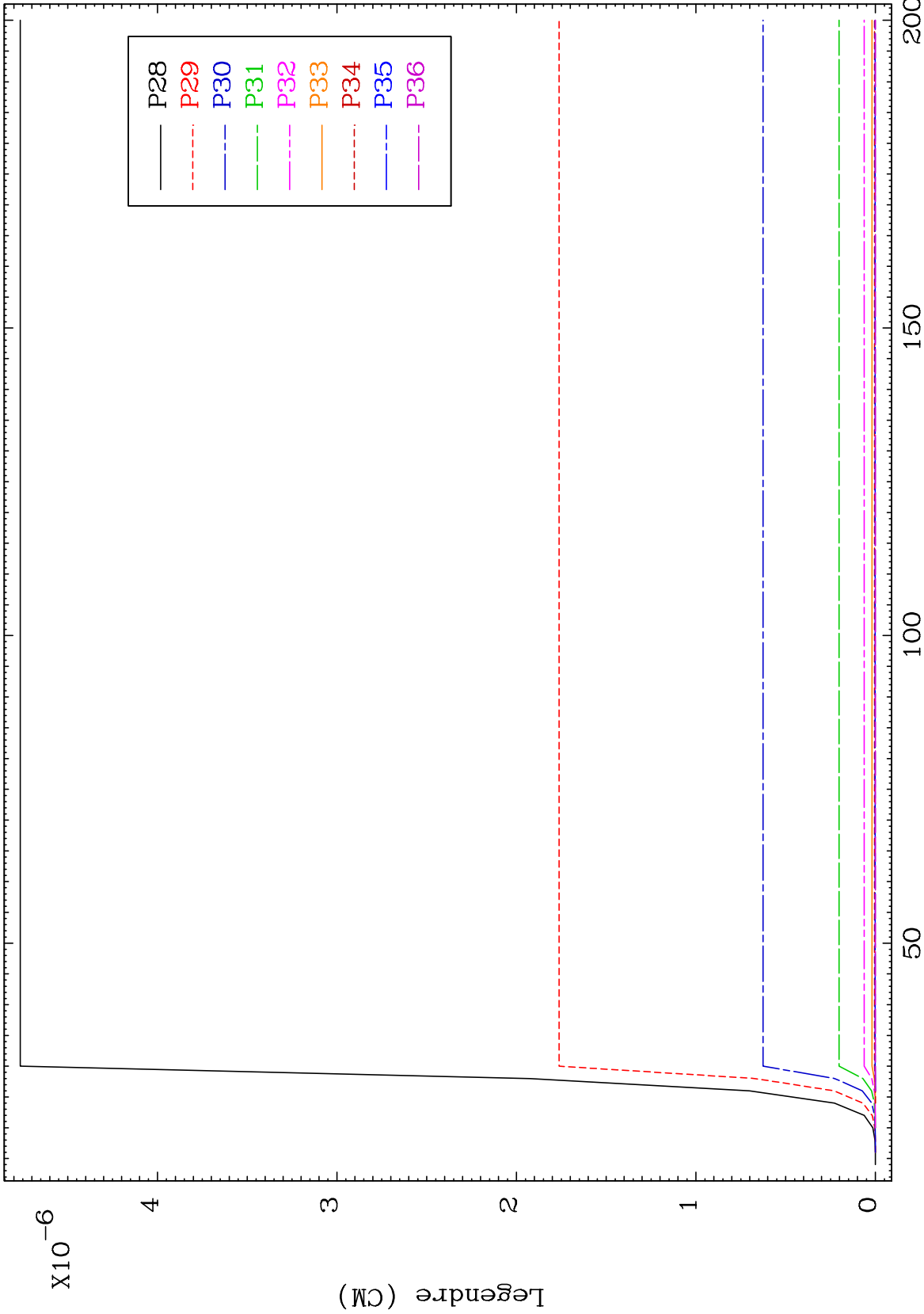
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



111

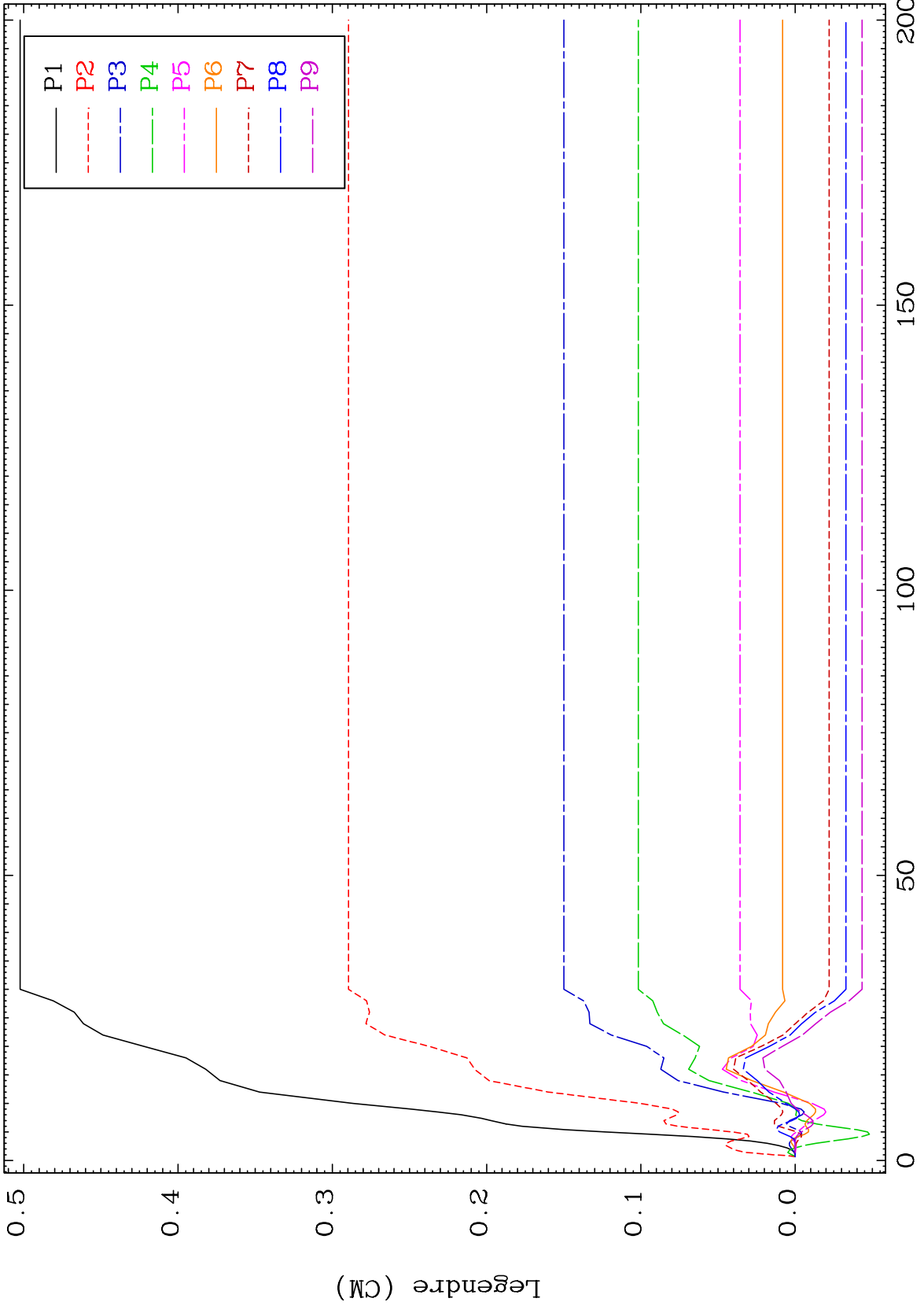
58-Ce-149



MAT 5864

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

58-Ce-149



112

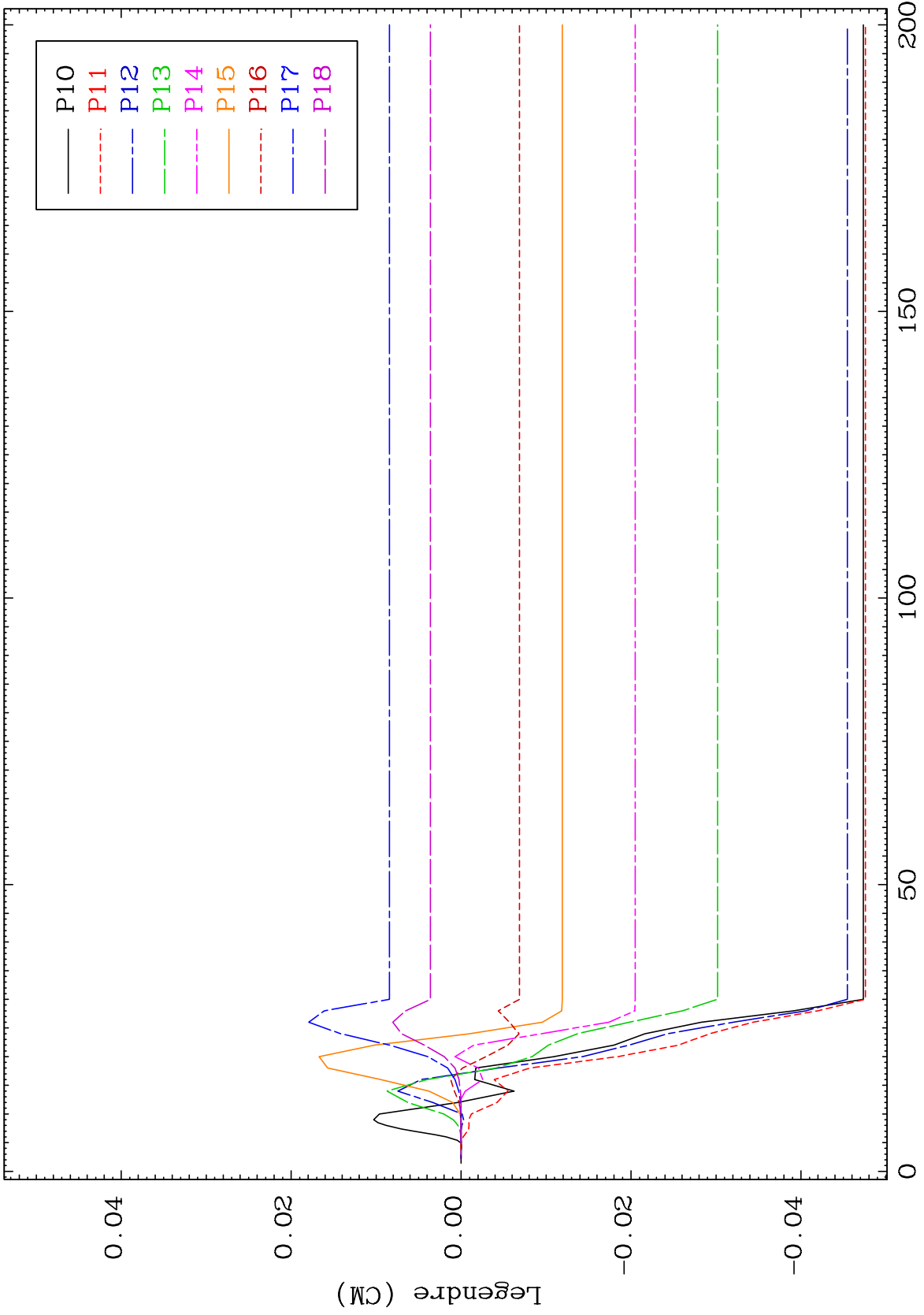
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



113

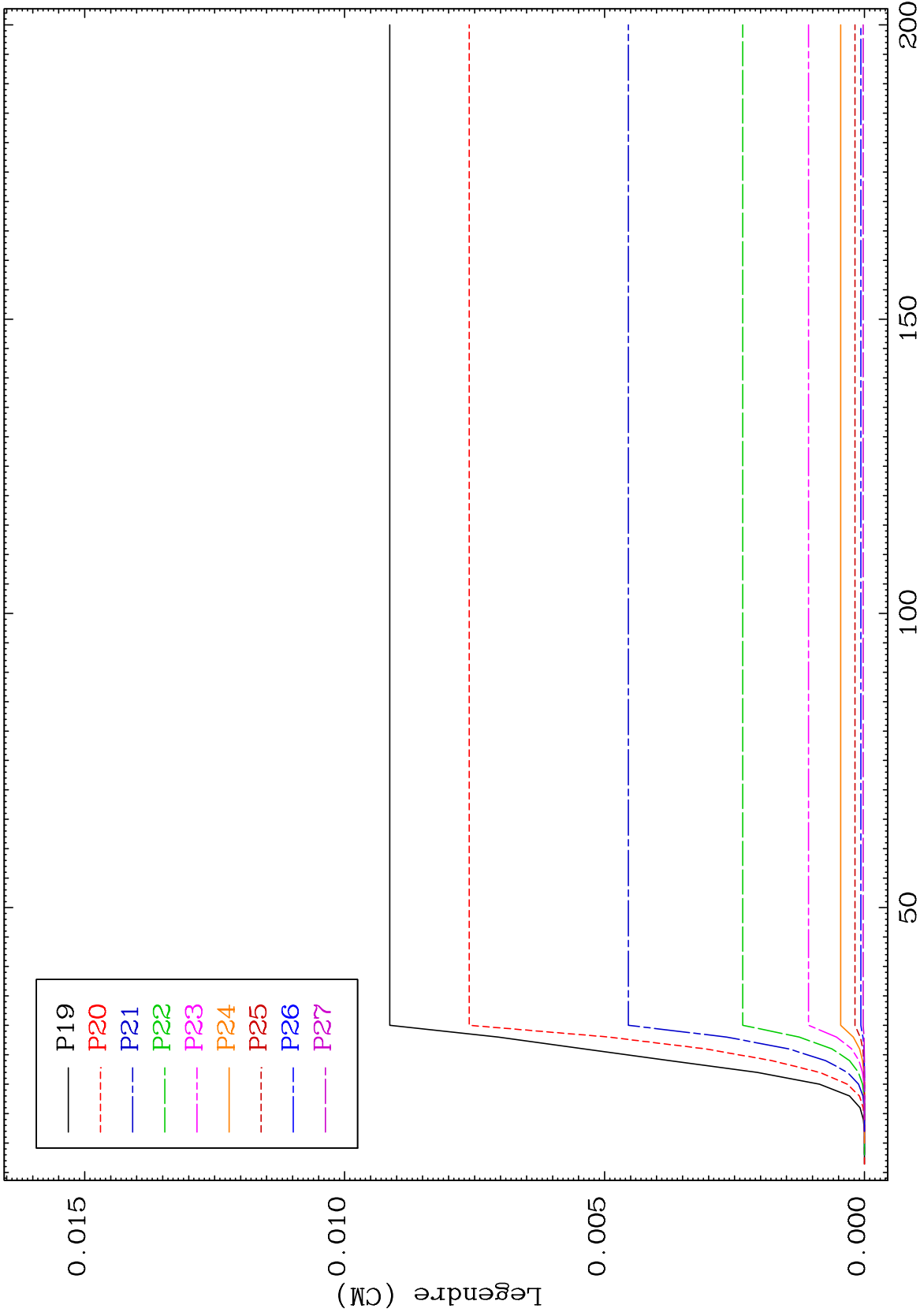
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



114

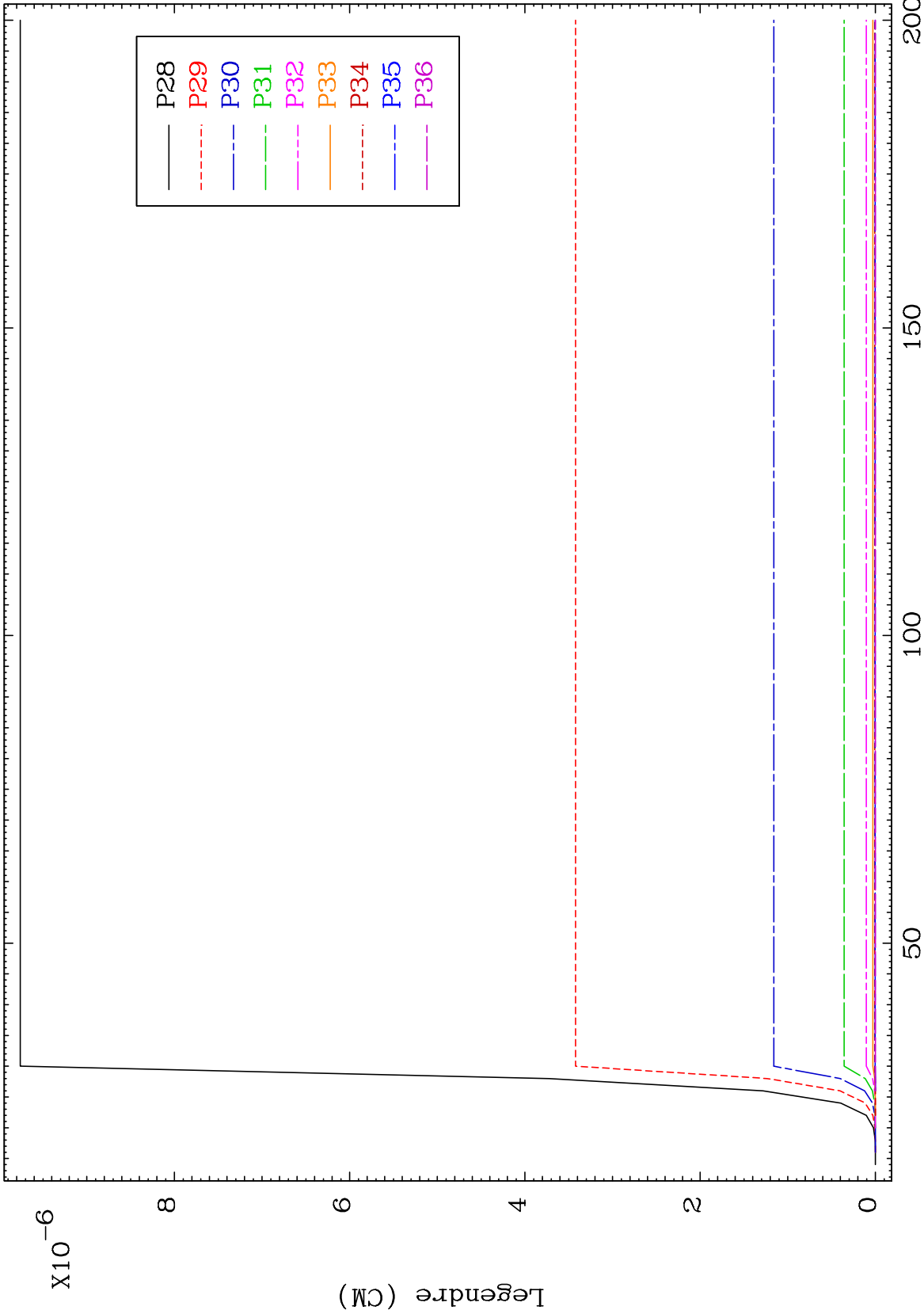
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



115

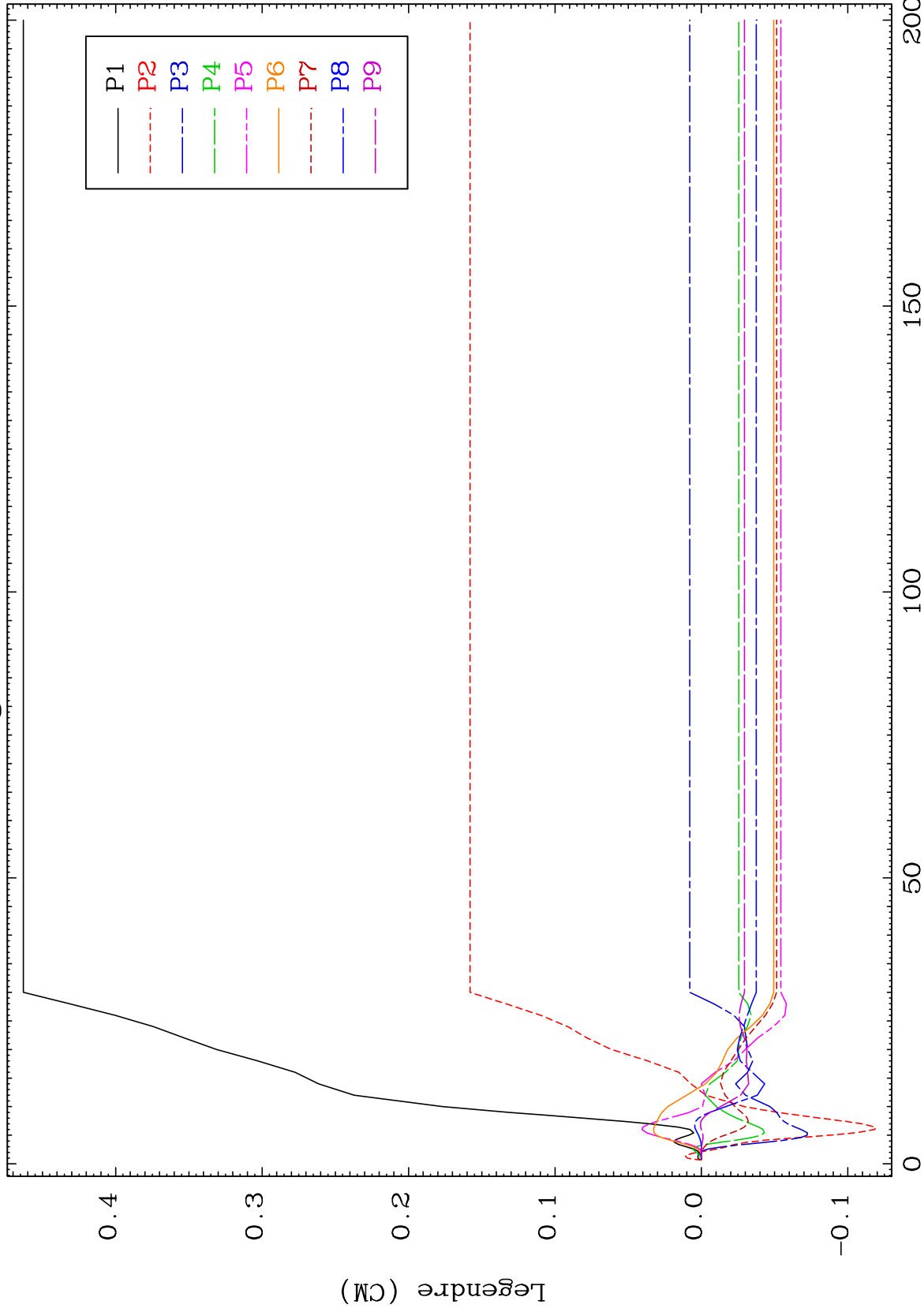
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



116

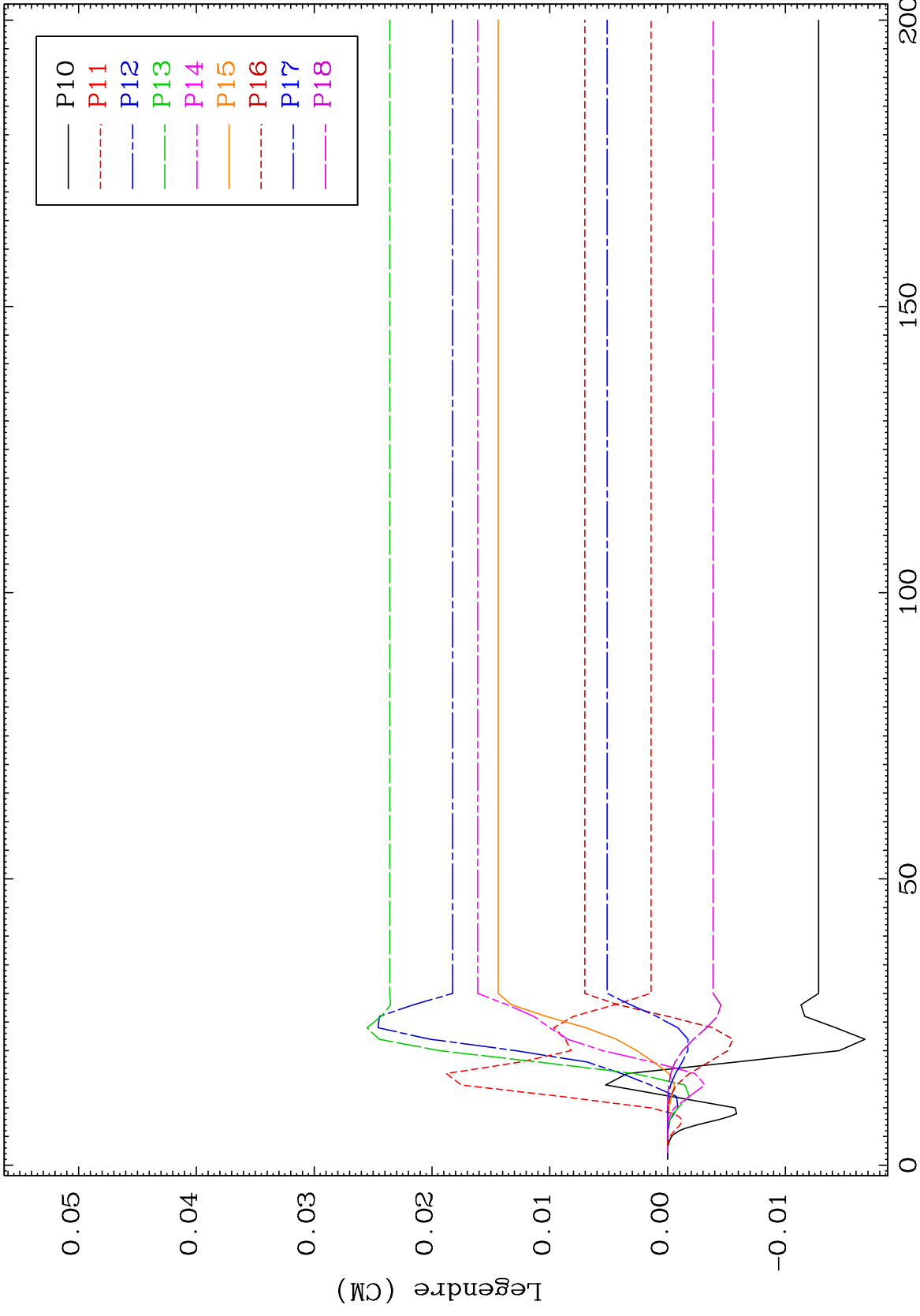
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



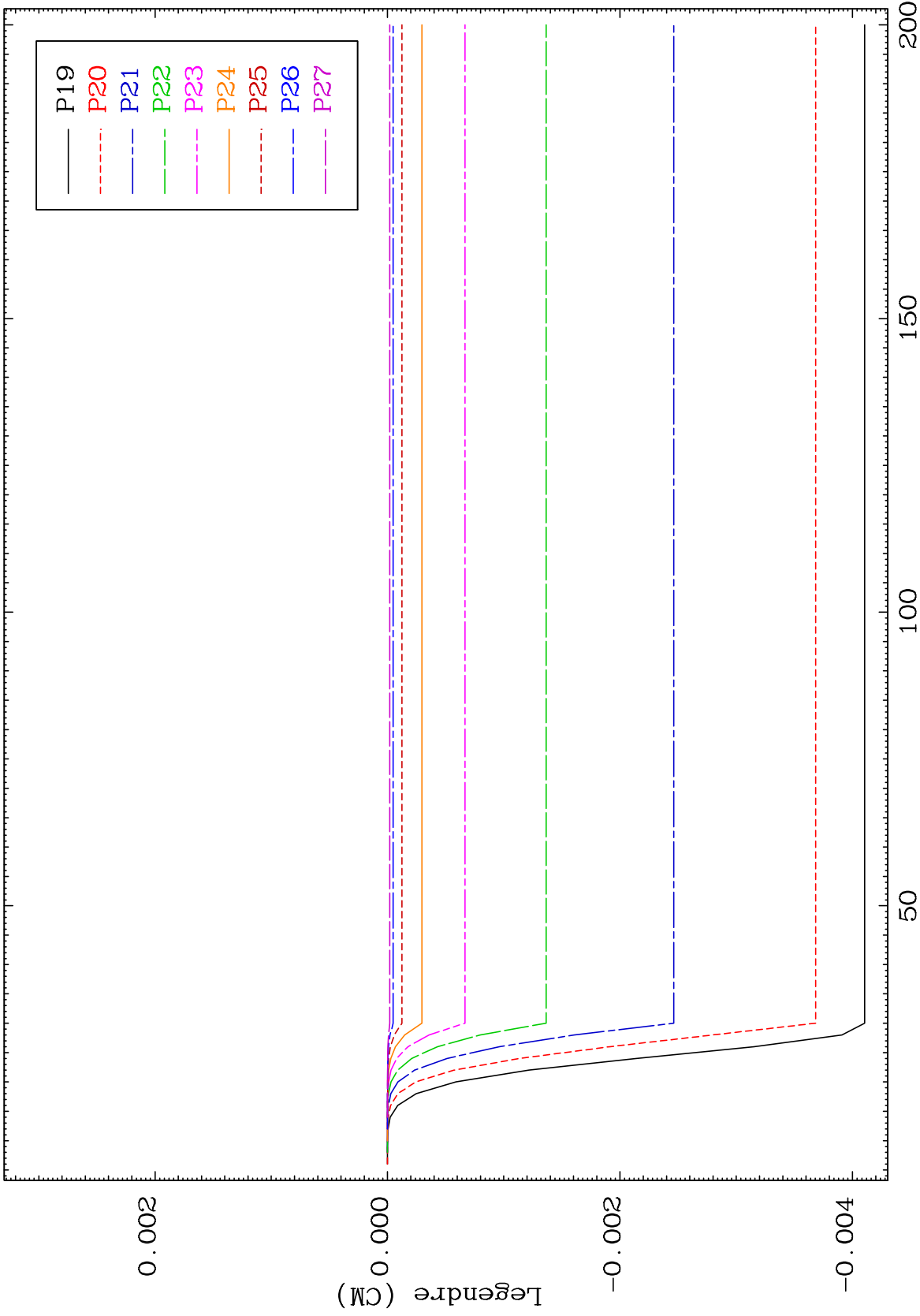
58-Ce-149

117

MAT 5864

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

58-Ce-149



118

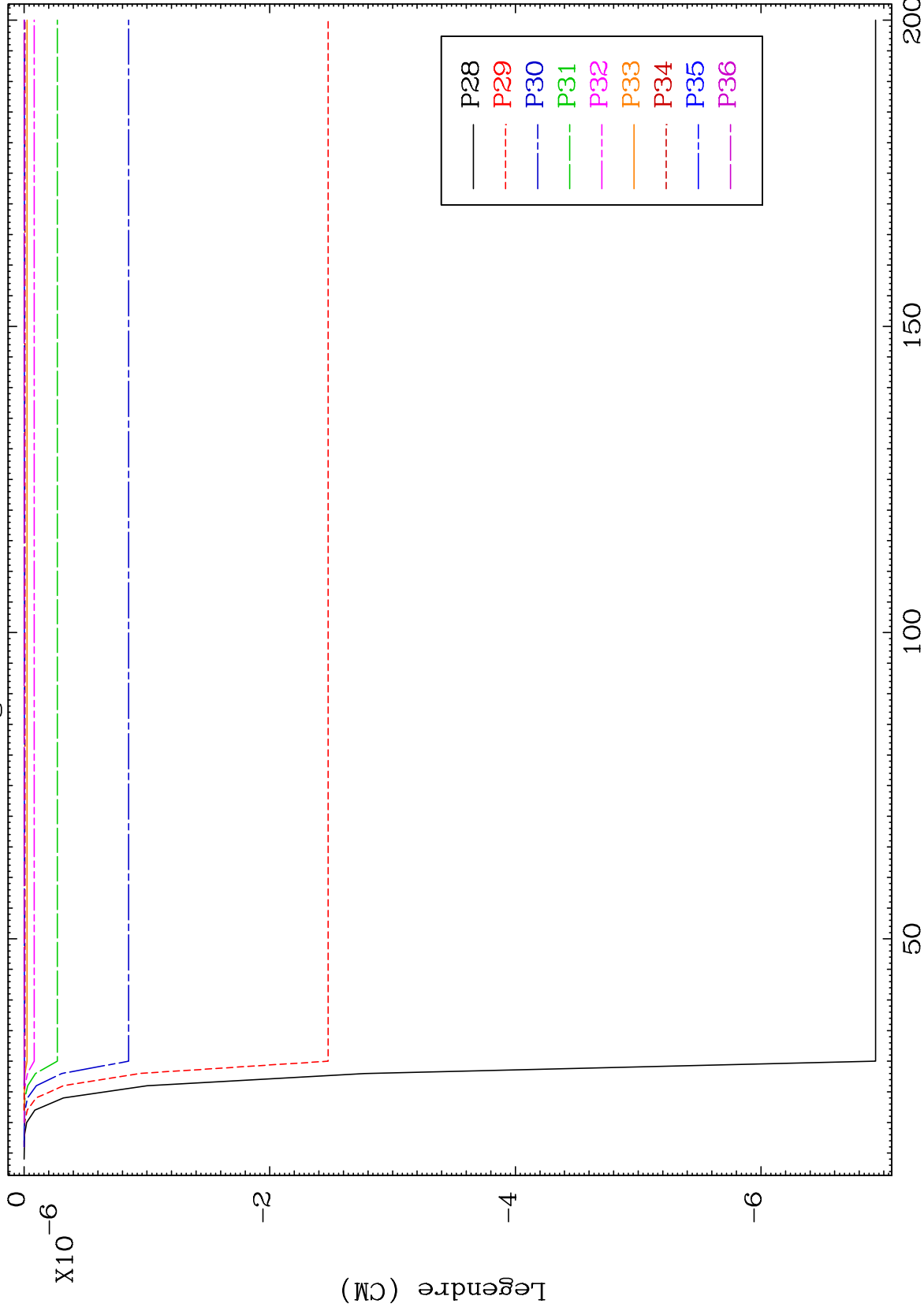
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

Incident Energy (MeV)

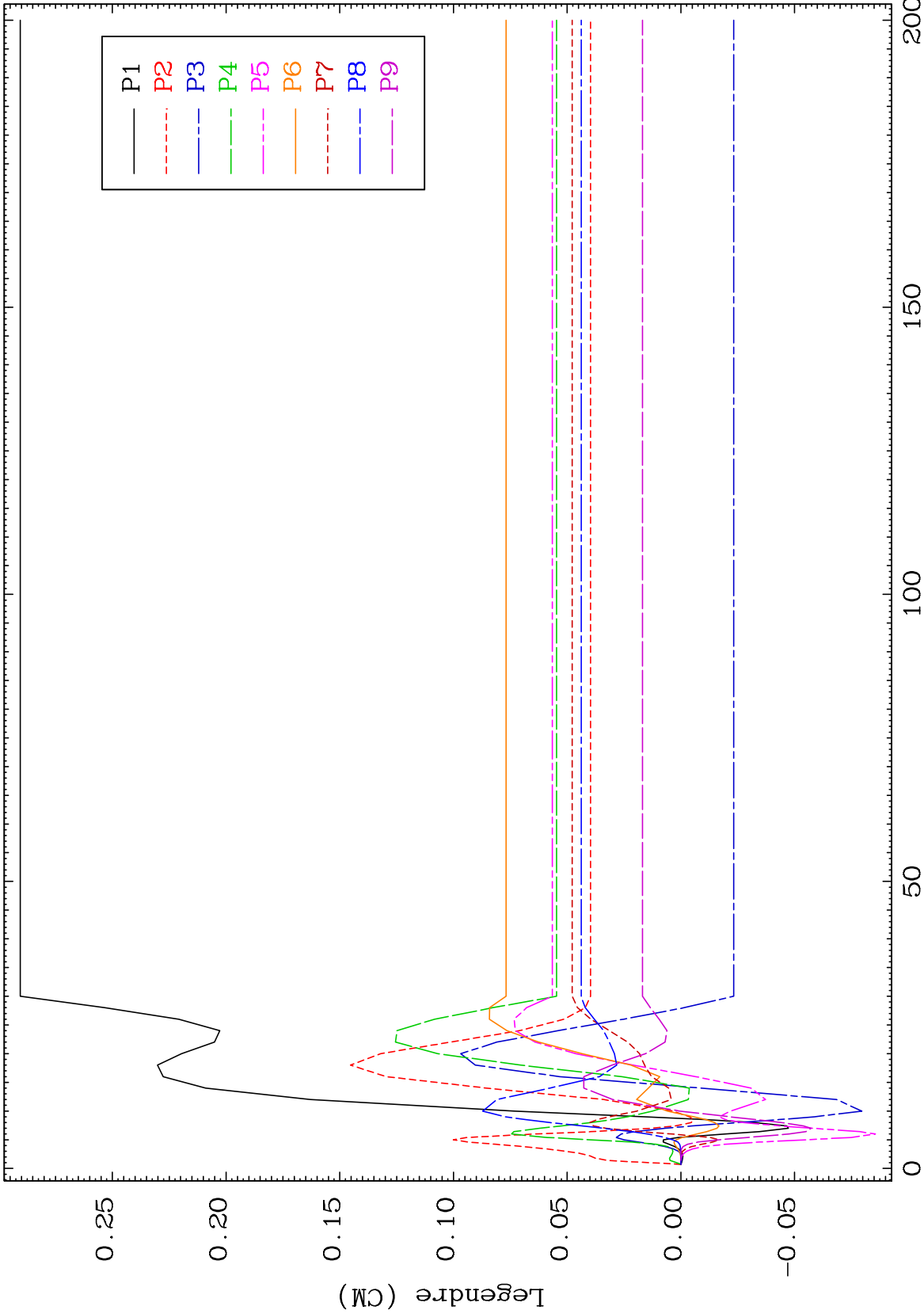
119



MAT 5864

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

58-Ce-149



58-Ce-149

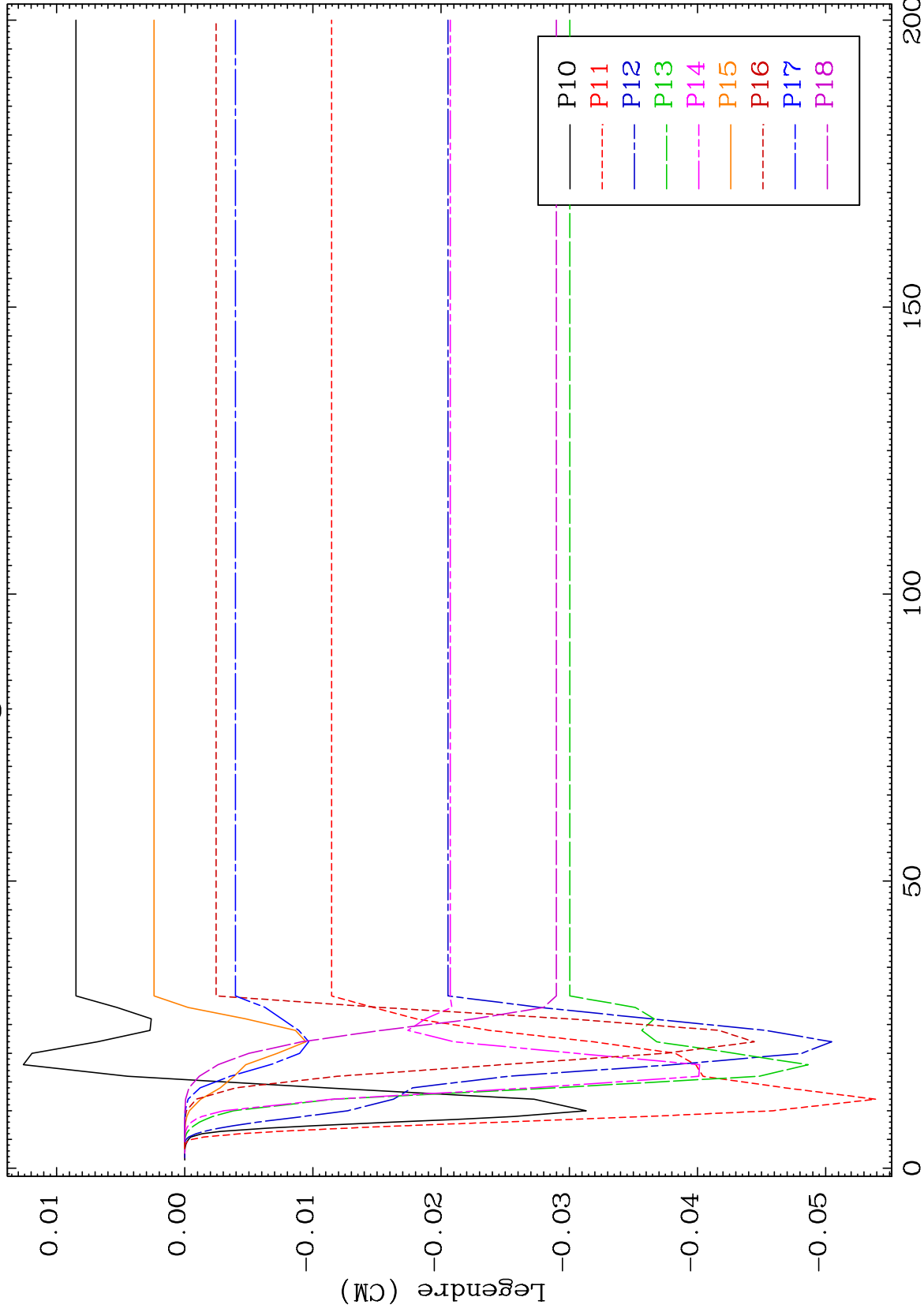
Incident Energy (MeV)

120

MAT 5864

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

58-Ce-149



121

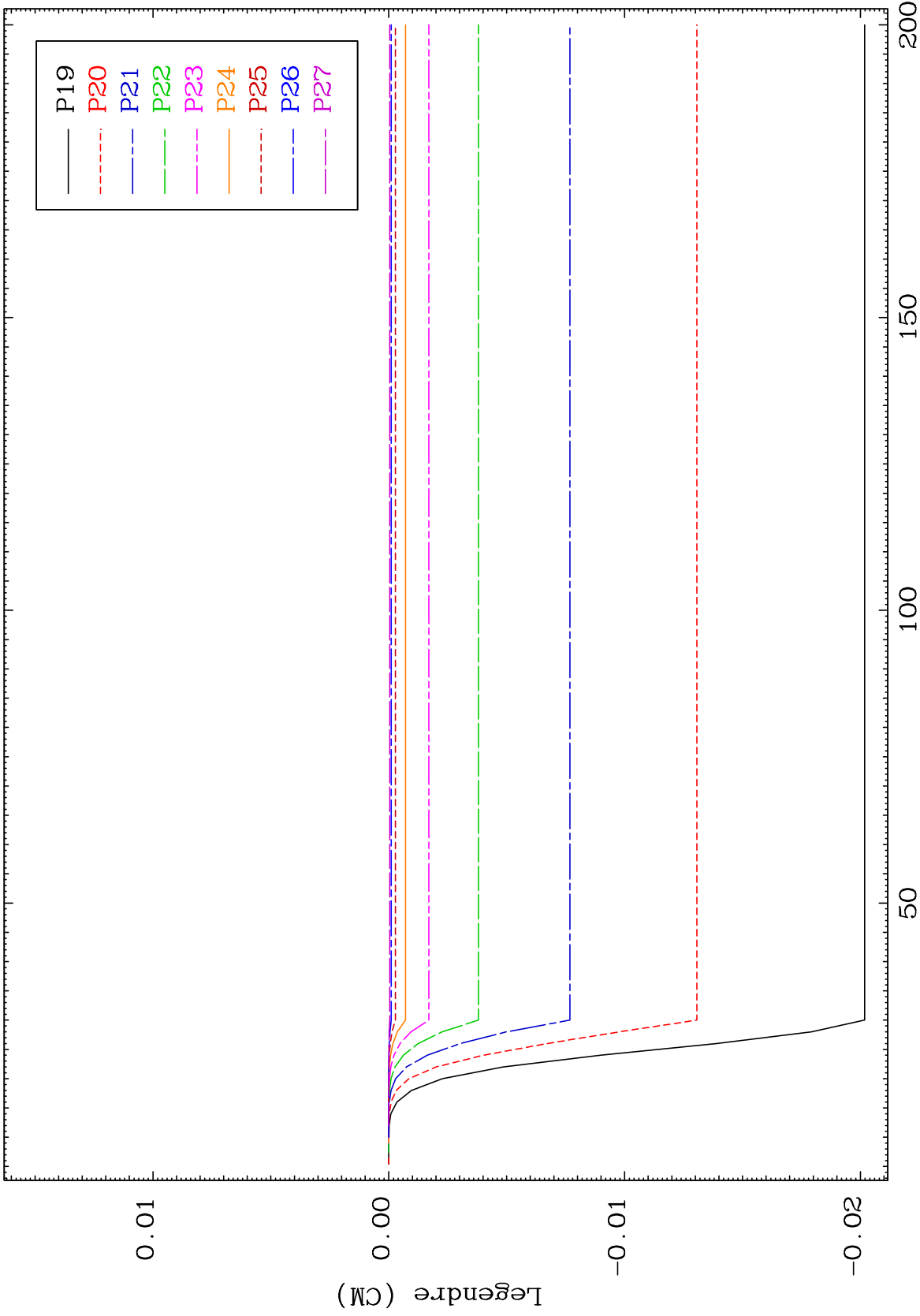
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



122

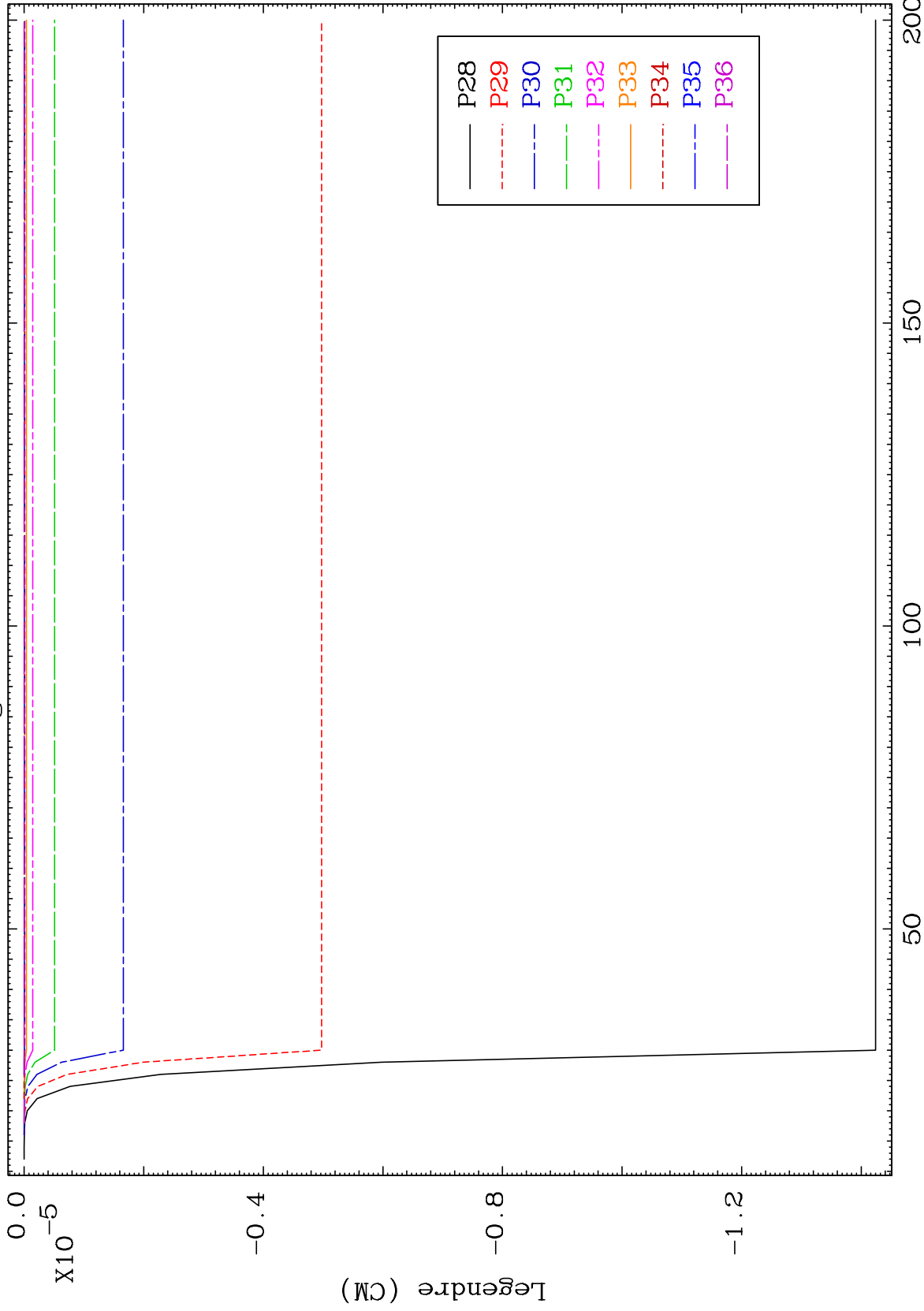
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

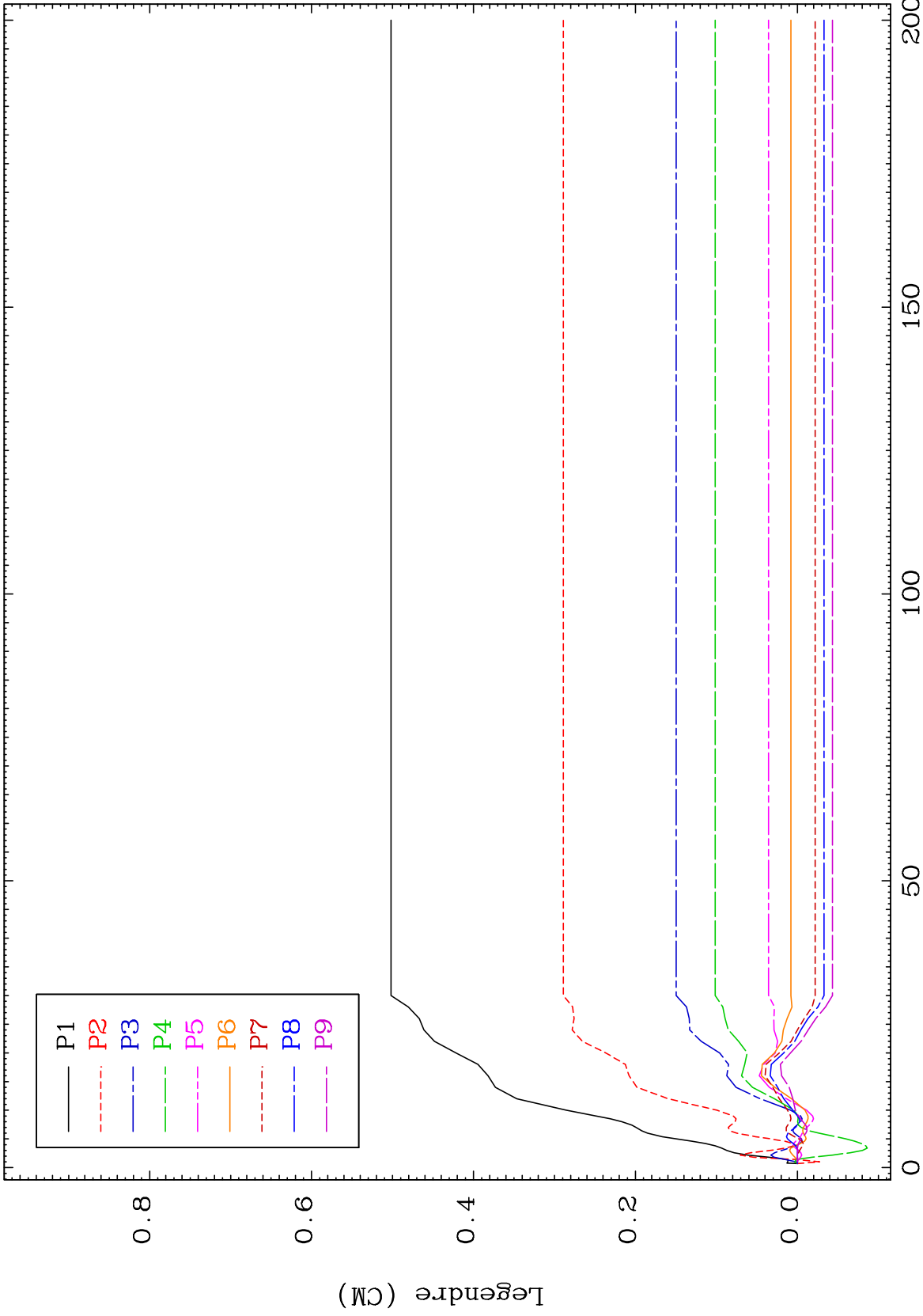
Incident Energy (MeV)

123

MAT 5864

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

58-Ce-149



124

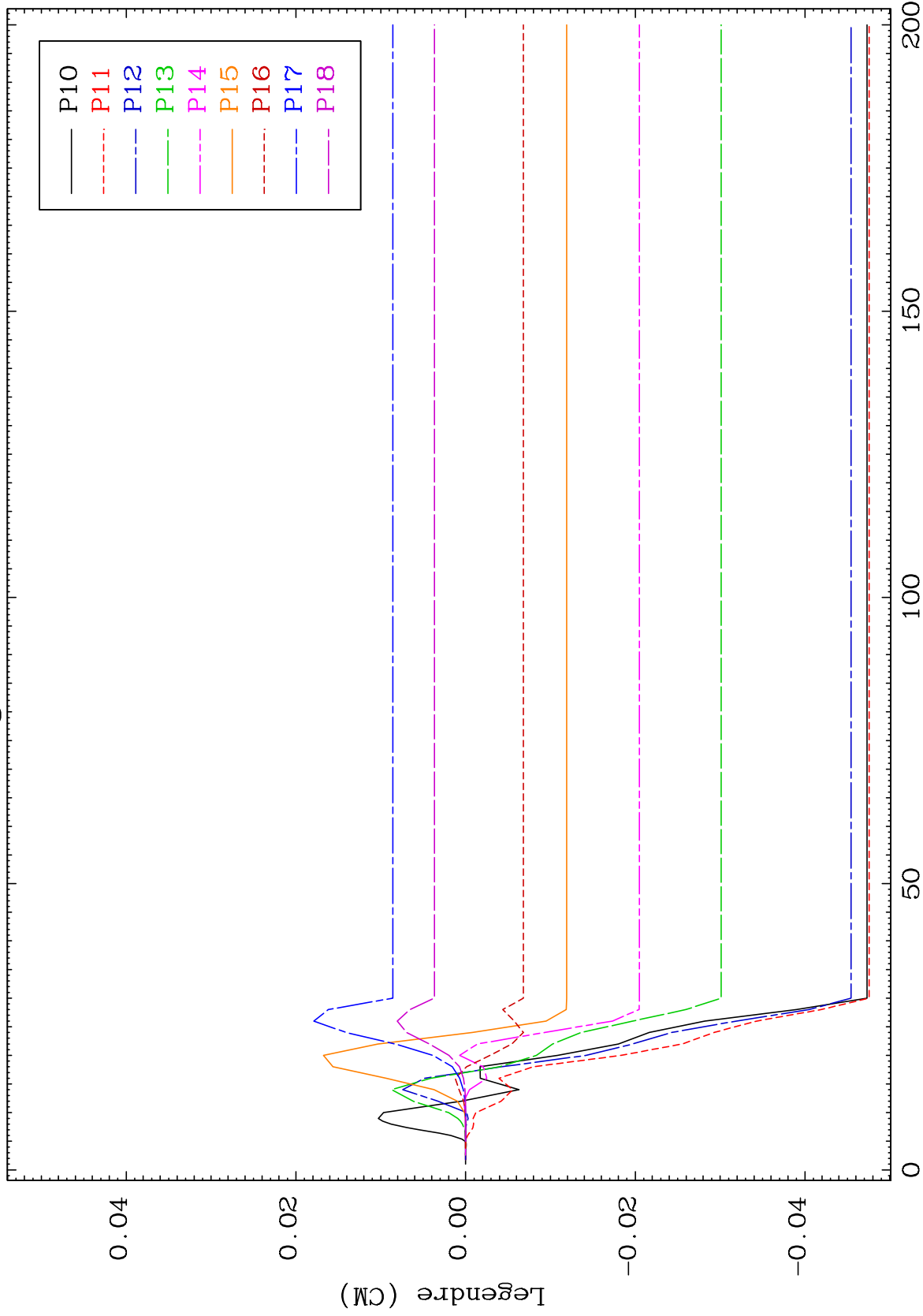
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



125

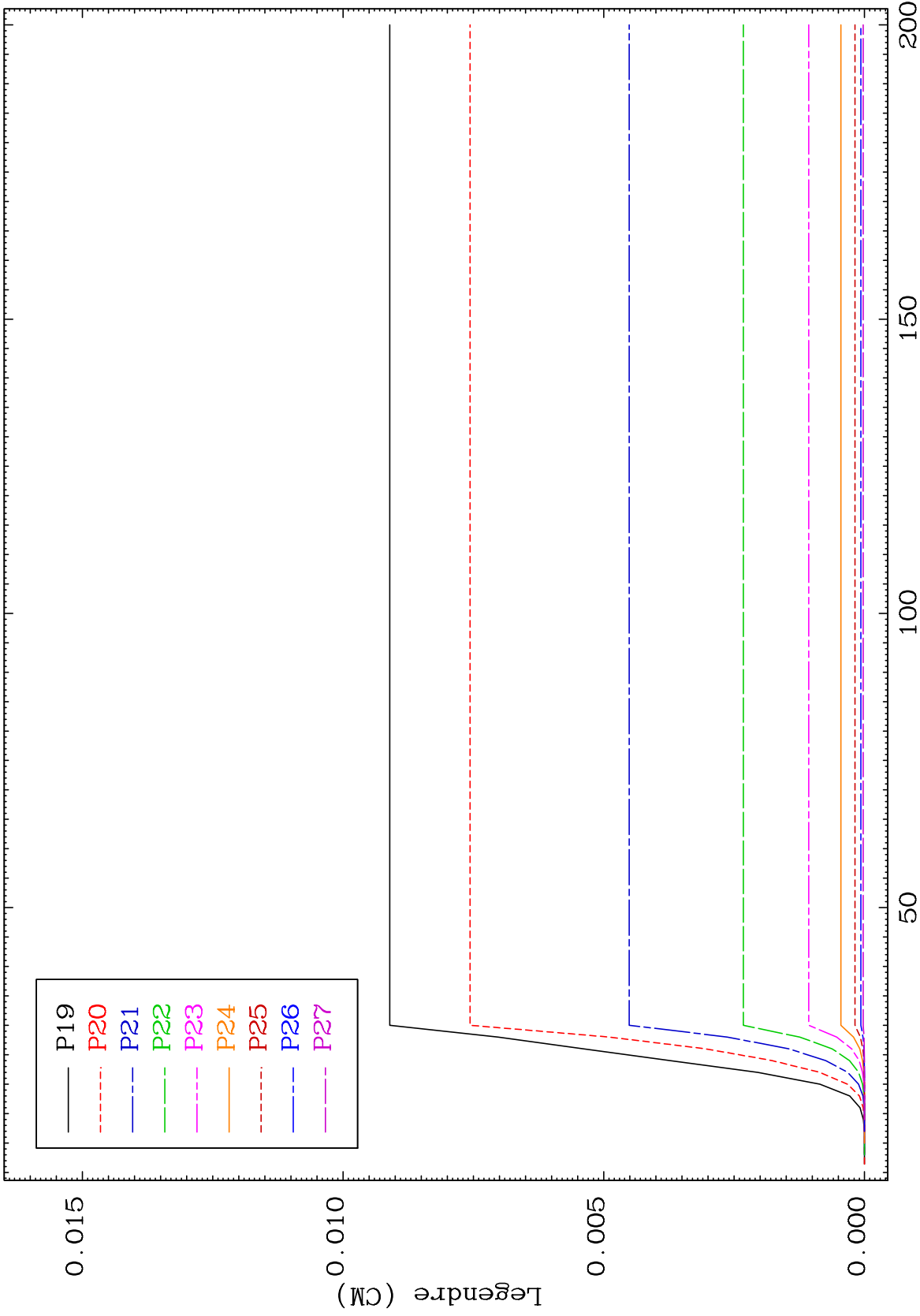
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



126

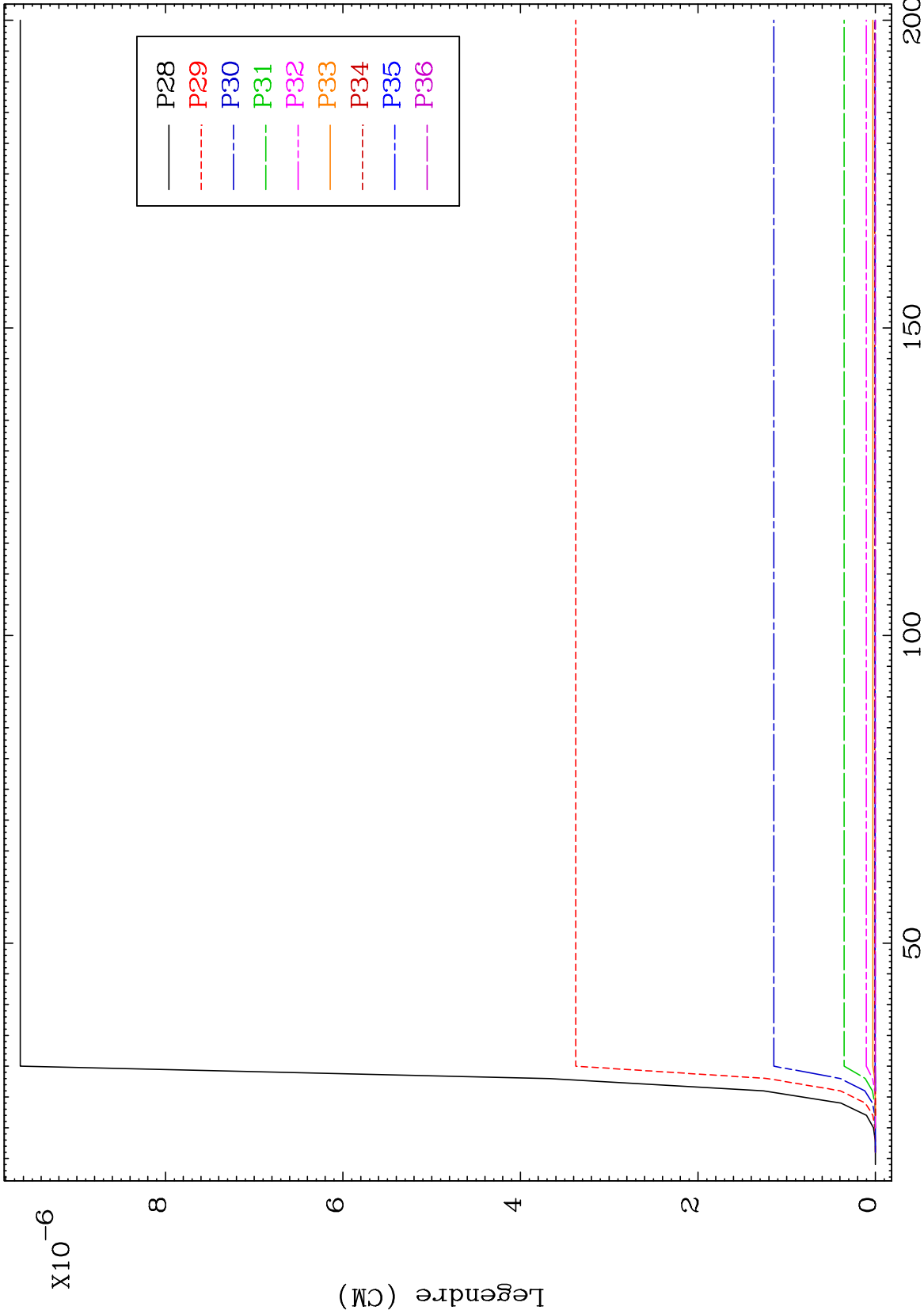
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



127

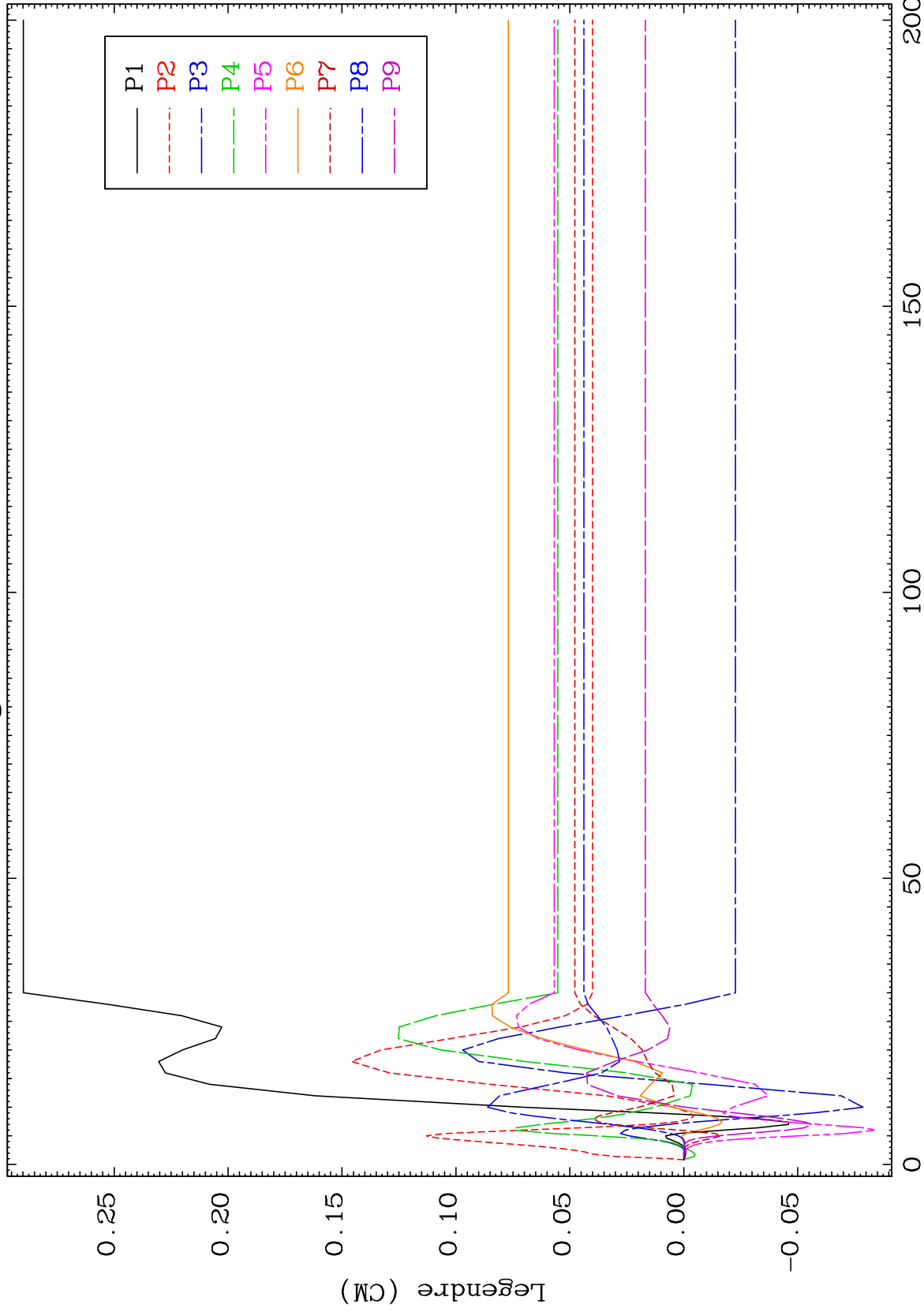
58-Ce-149



MAT 5864

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

58-Ce-149



128

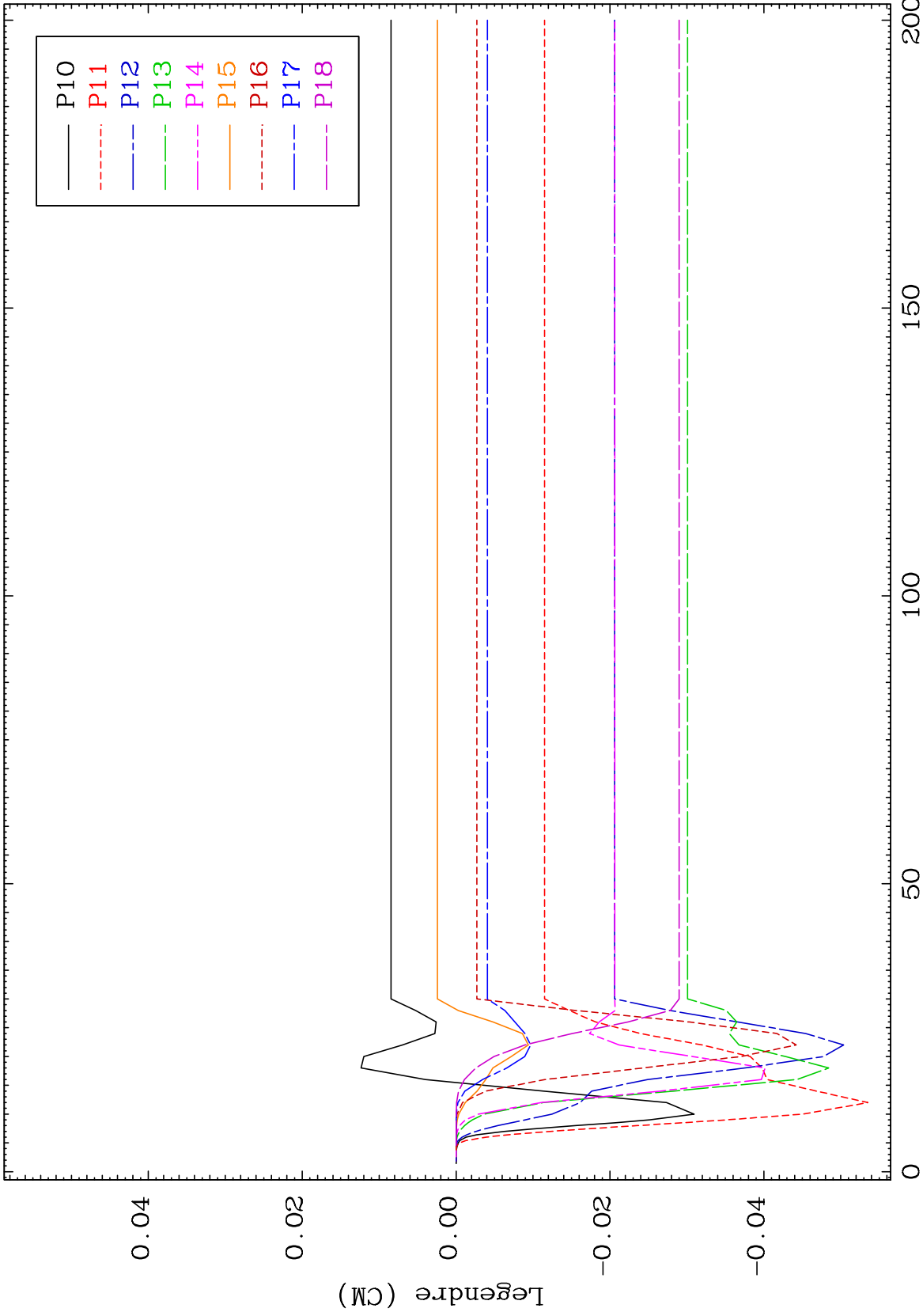
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



129

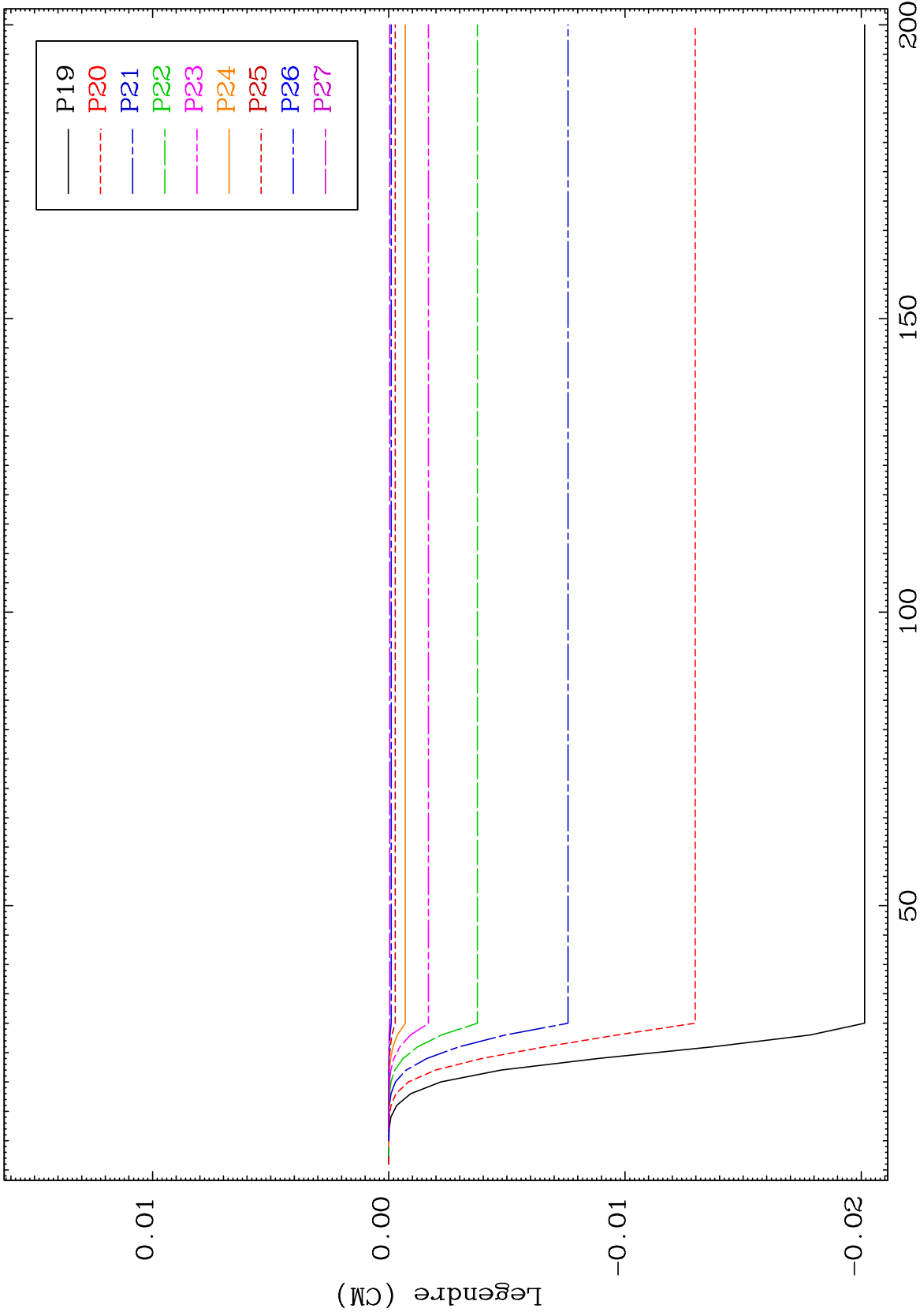
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



130

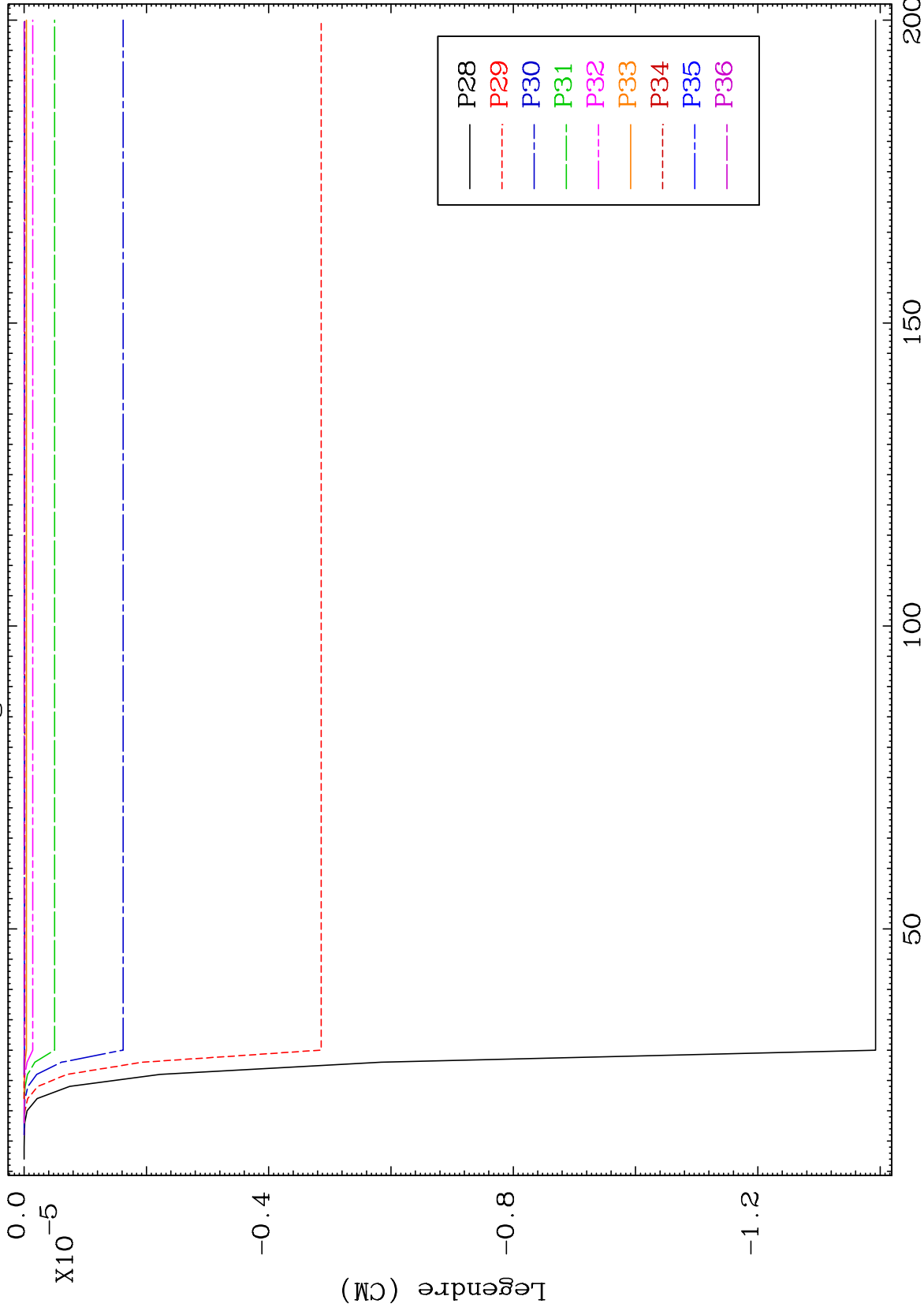
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

Incident Energy (MeV)

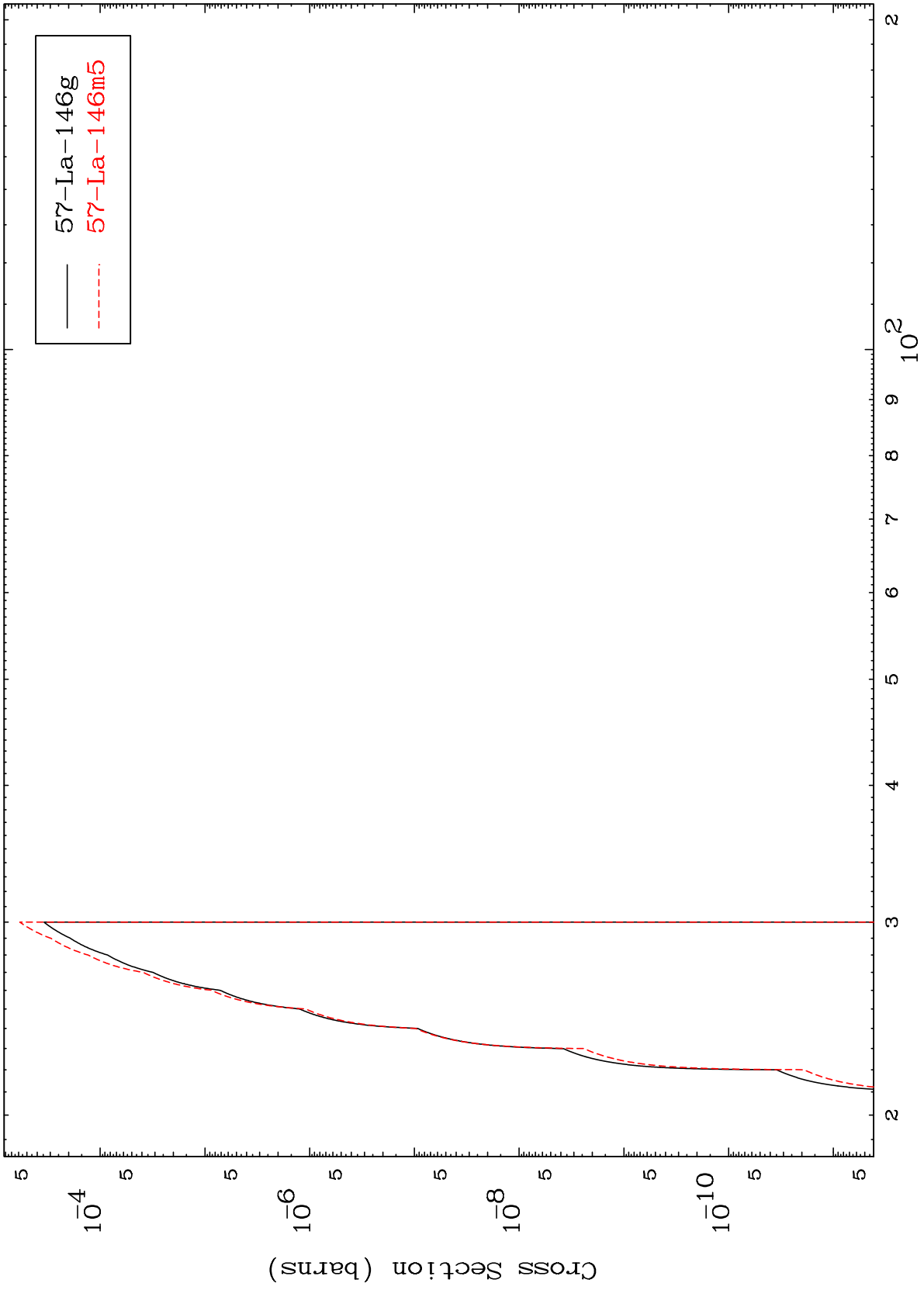
131

MAT 5864

(n,2n) d

58-Ce-149

Radionuclide Production Cross Section



132

Incident Energy (MeV)

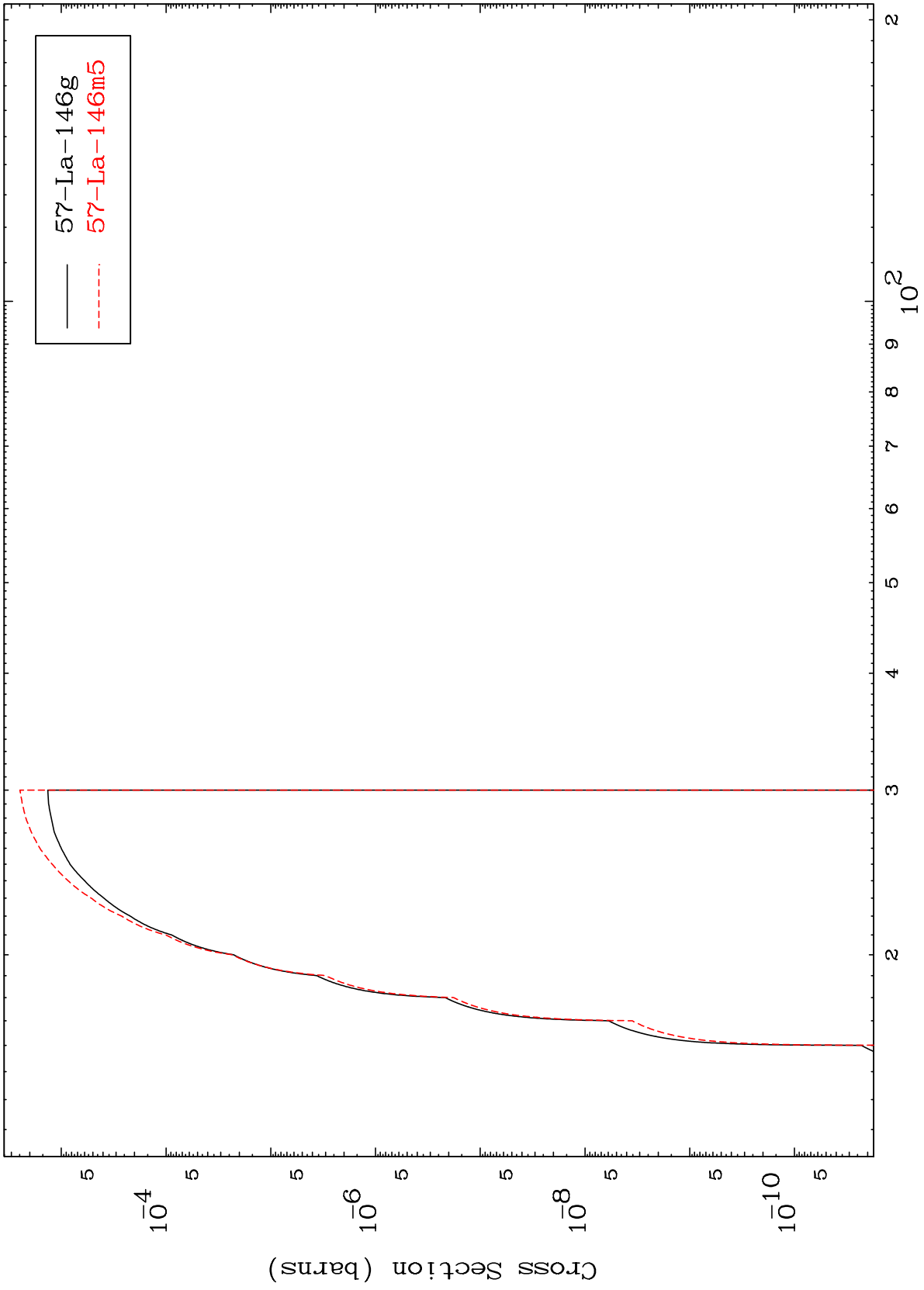
58-Ce-149

MAT 5864

(n,n') t

58-Ce-149

Radionuclide Production Cross Section



133

Incident Energy (MeV)

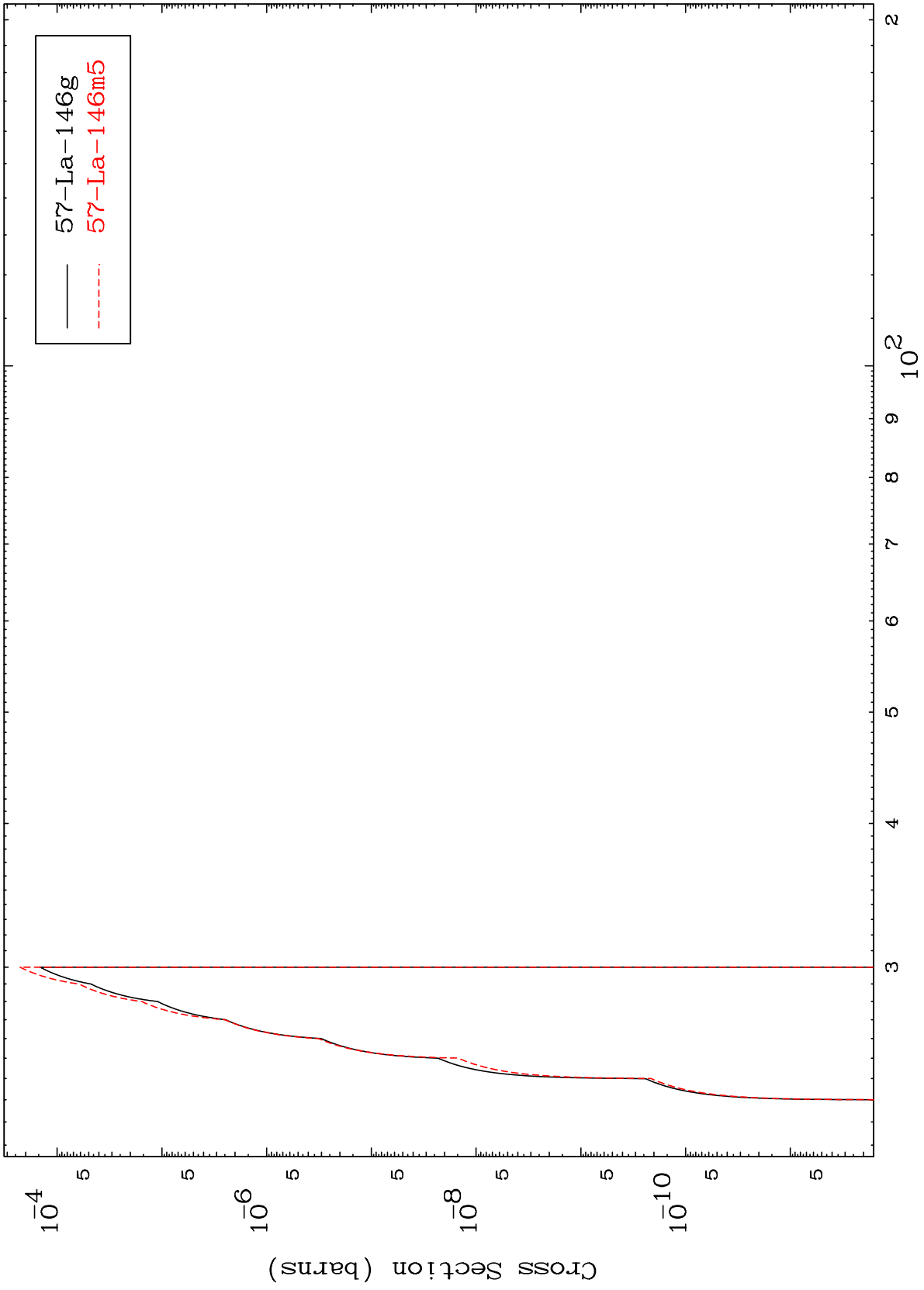
58-Ce-149

MAT 5864

(n,3n) p

58-Ce-149

Radionuclide Production Cross Section



134

Incident Energy (MeV)

58-Ce-149