

Program EVALPLOT  
(Version 2018-1)

by

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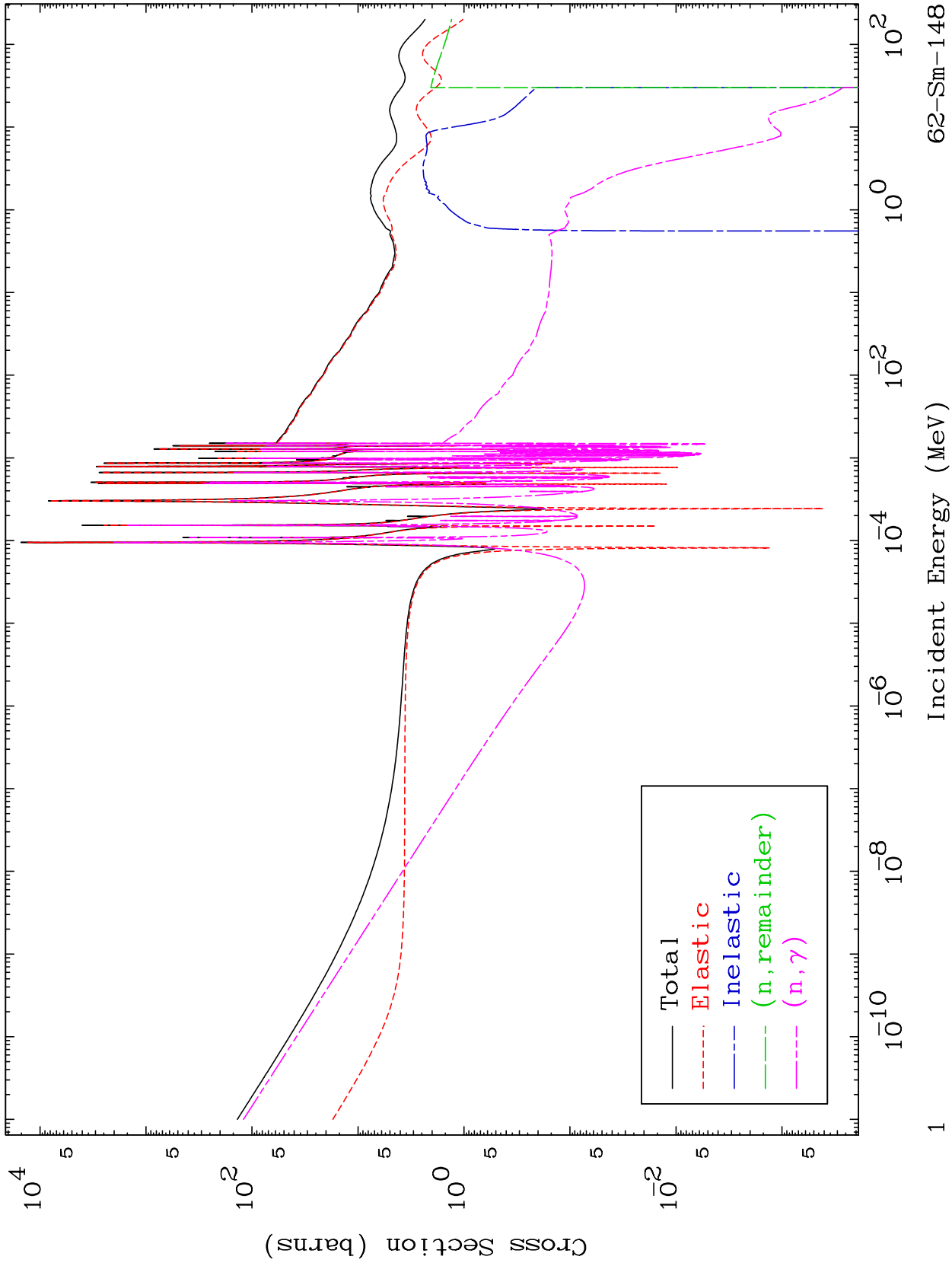
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6237

Major  
293 Kelvin Cross Sections

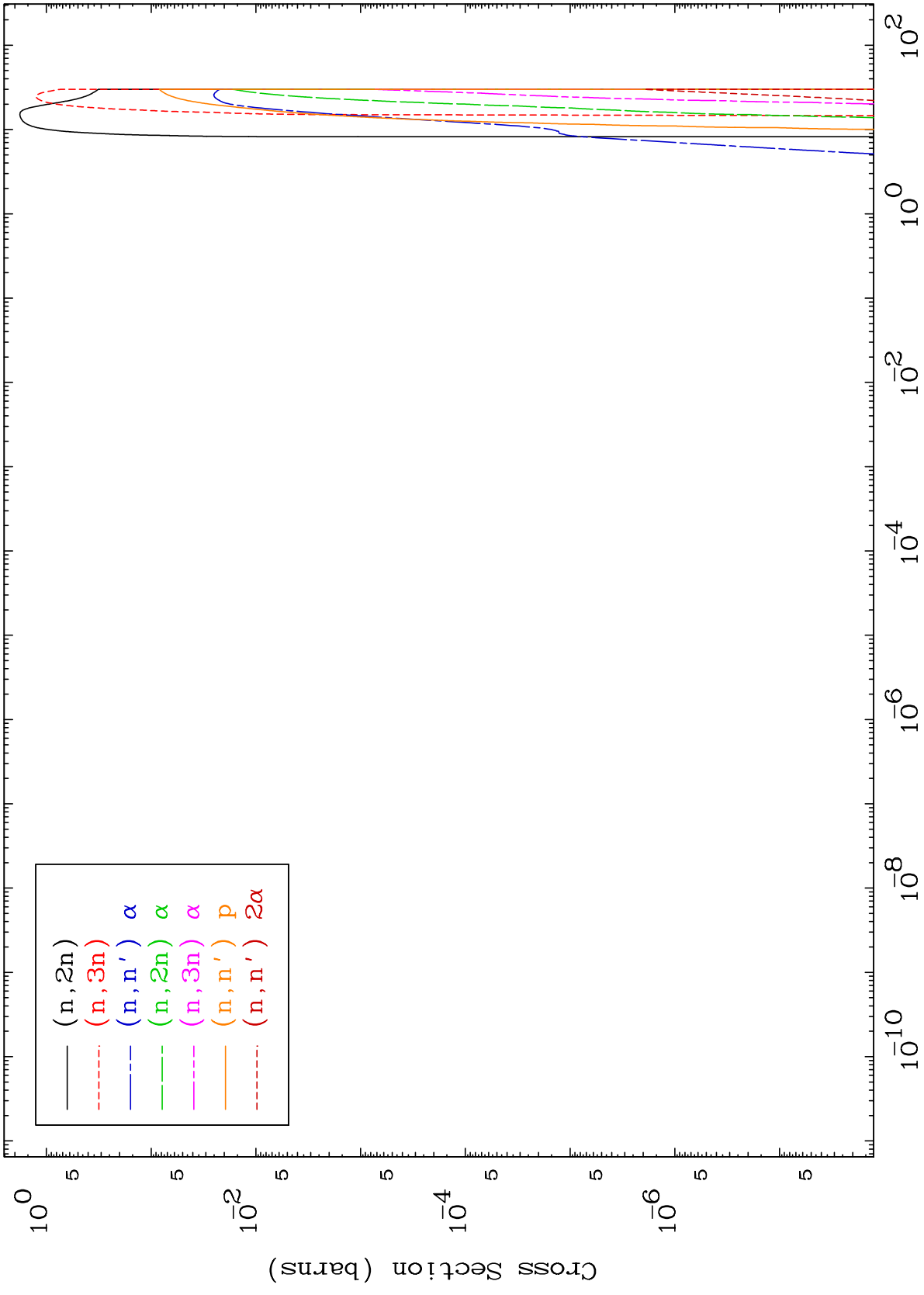
62-Sm-148



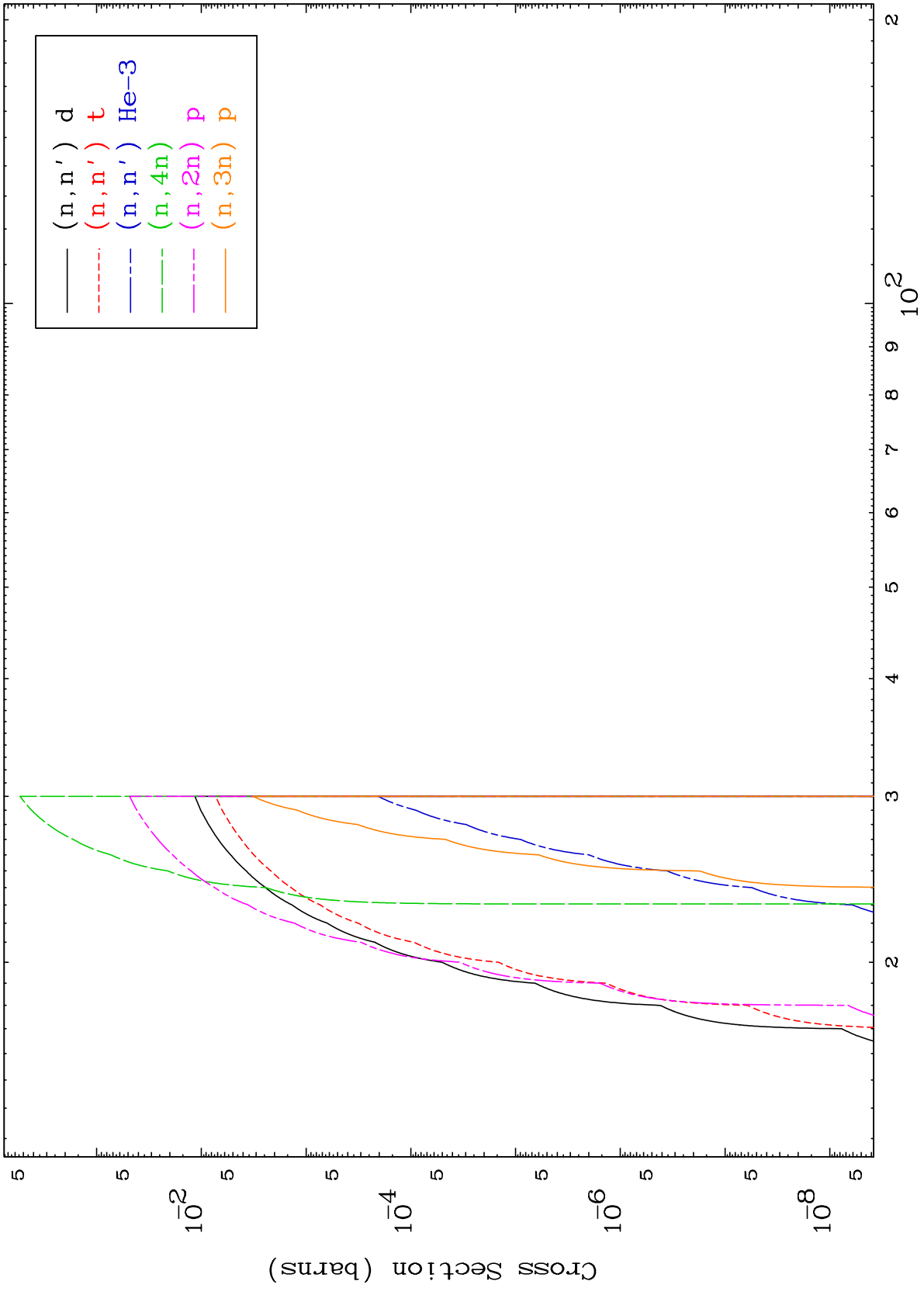
MAT 6237

Neutron Production  
293 Kelvin Cross Sections

62-Sm-148



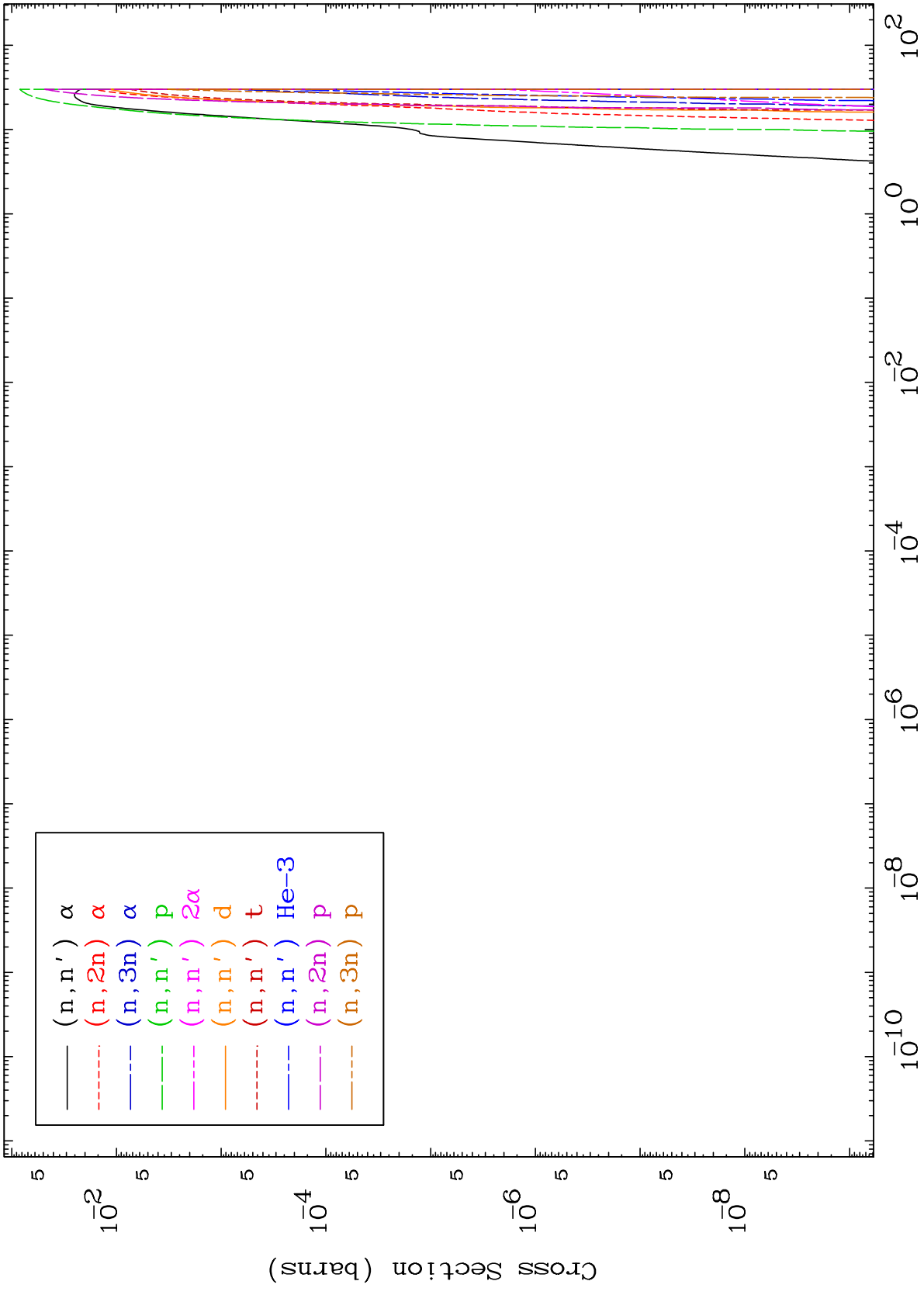
62-Sm-148



MAT 6237

Charged Particle  
293 Kelvin Cross Sections

62-Sm-148

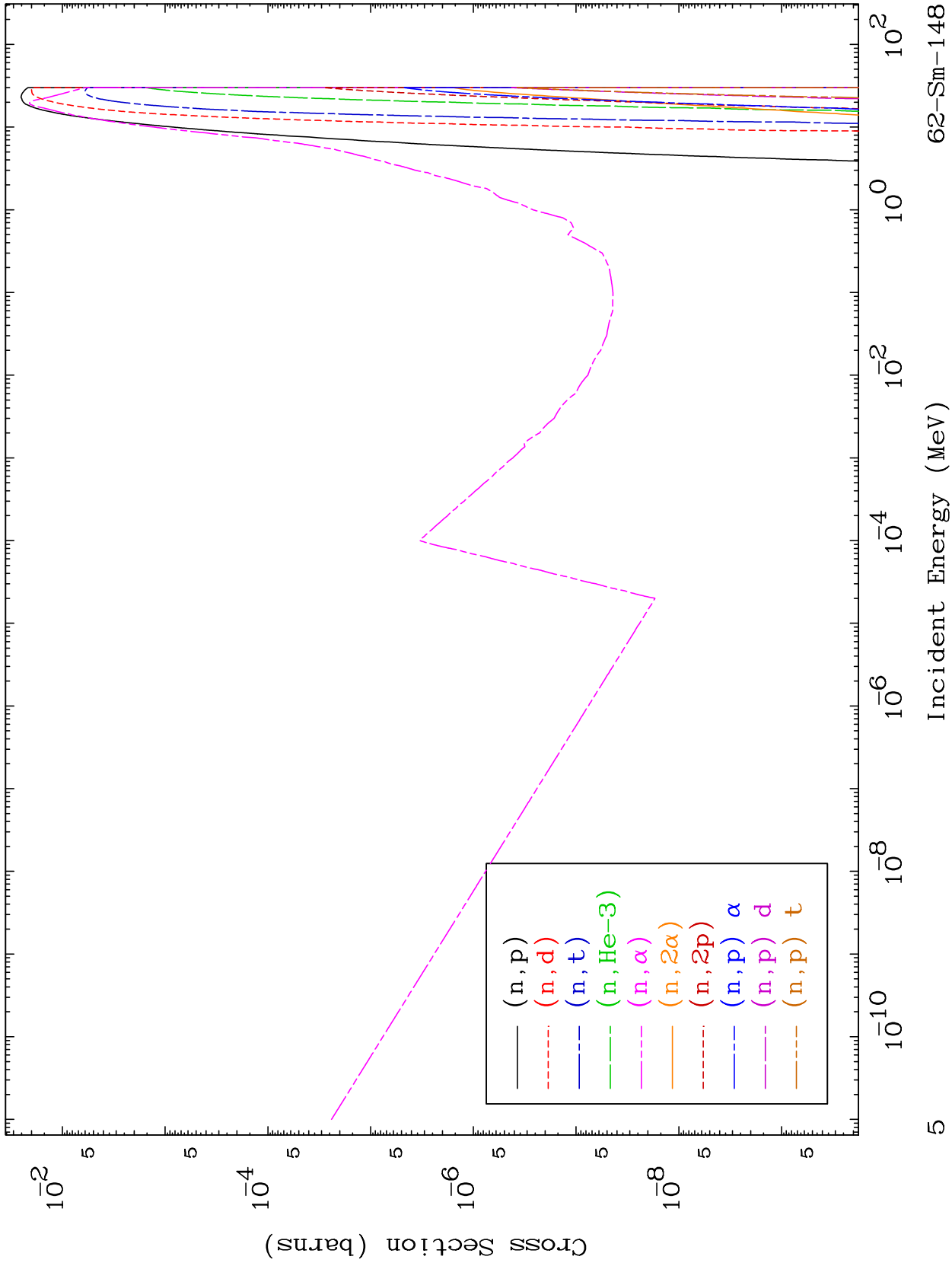


62-Sm-148

MAT 6237

293 Kelvin Cross Sections

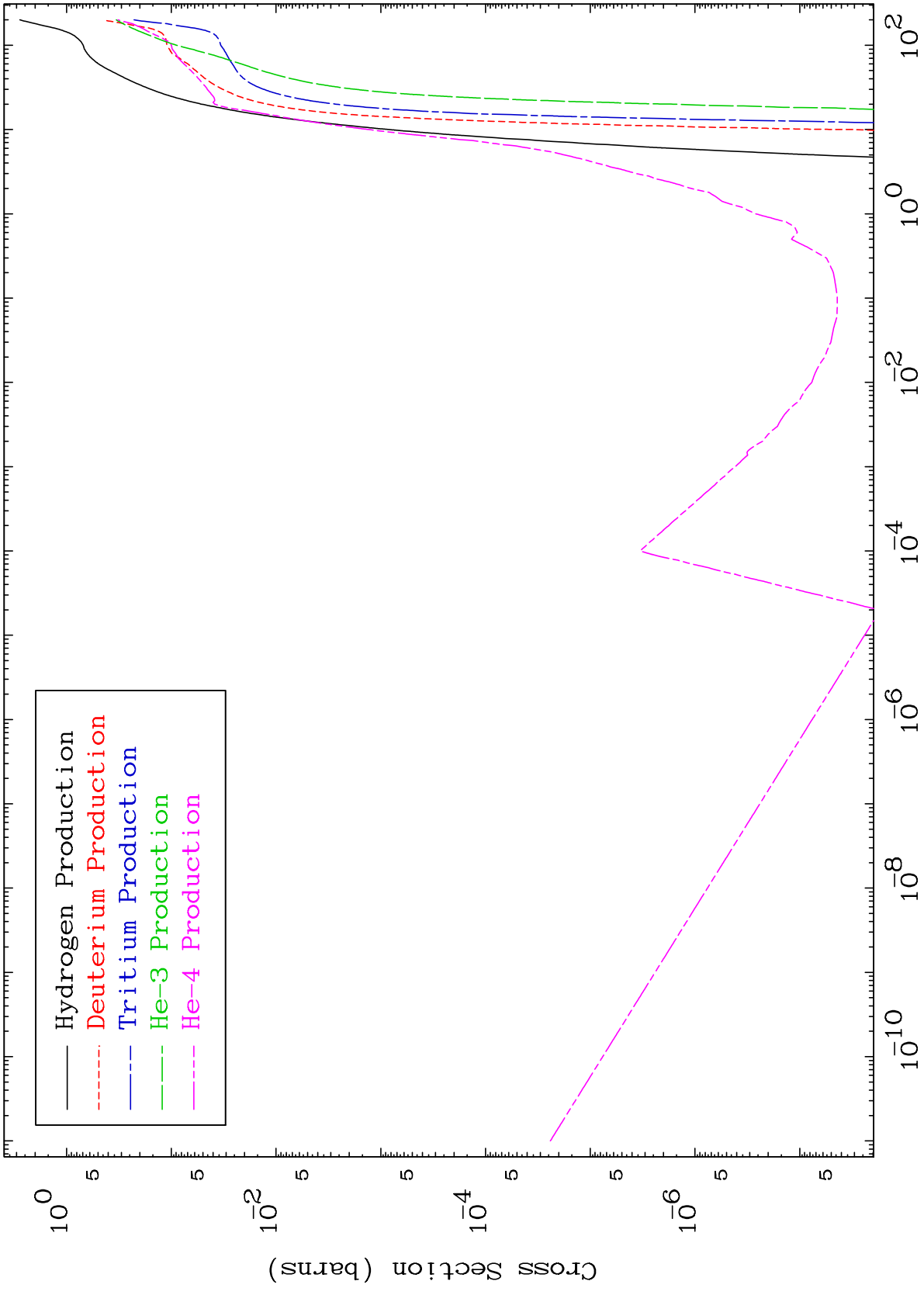
62-Sm-148



MAT 6237

Particle Production  
293 Kelvin Cross Sections

62-Sm-148



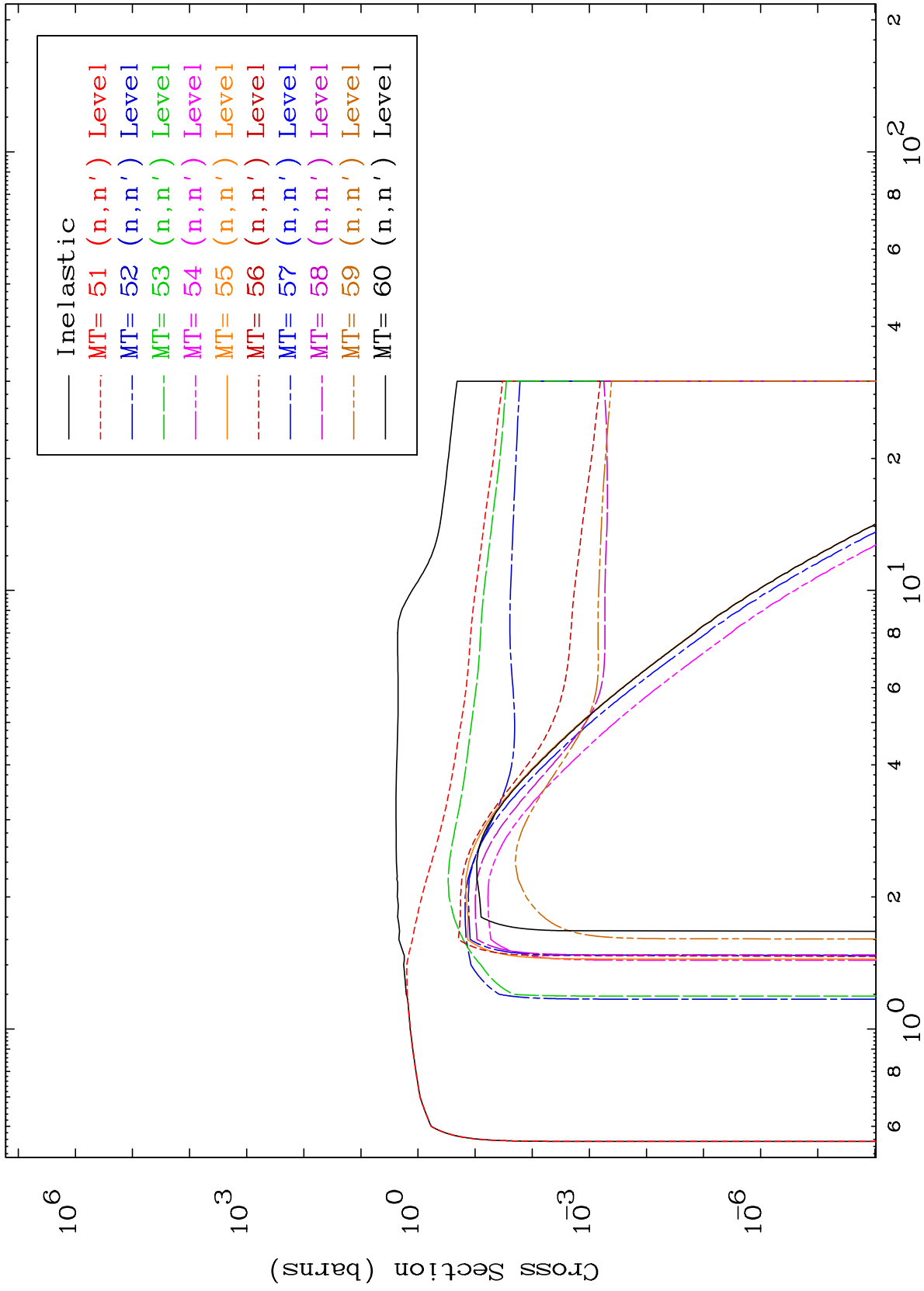
62-Sm-148

MAT 6237

(n,n') Level

62-Sm-148

293 Kelvin Cross Sections



7

Incident Energy (MeV)

62-Sm-148

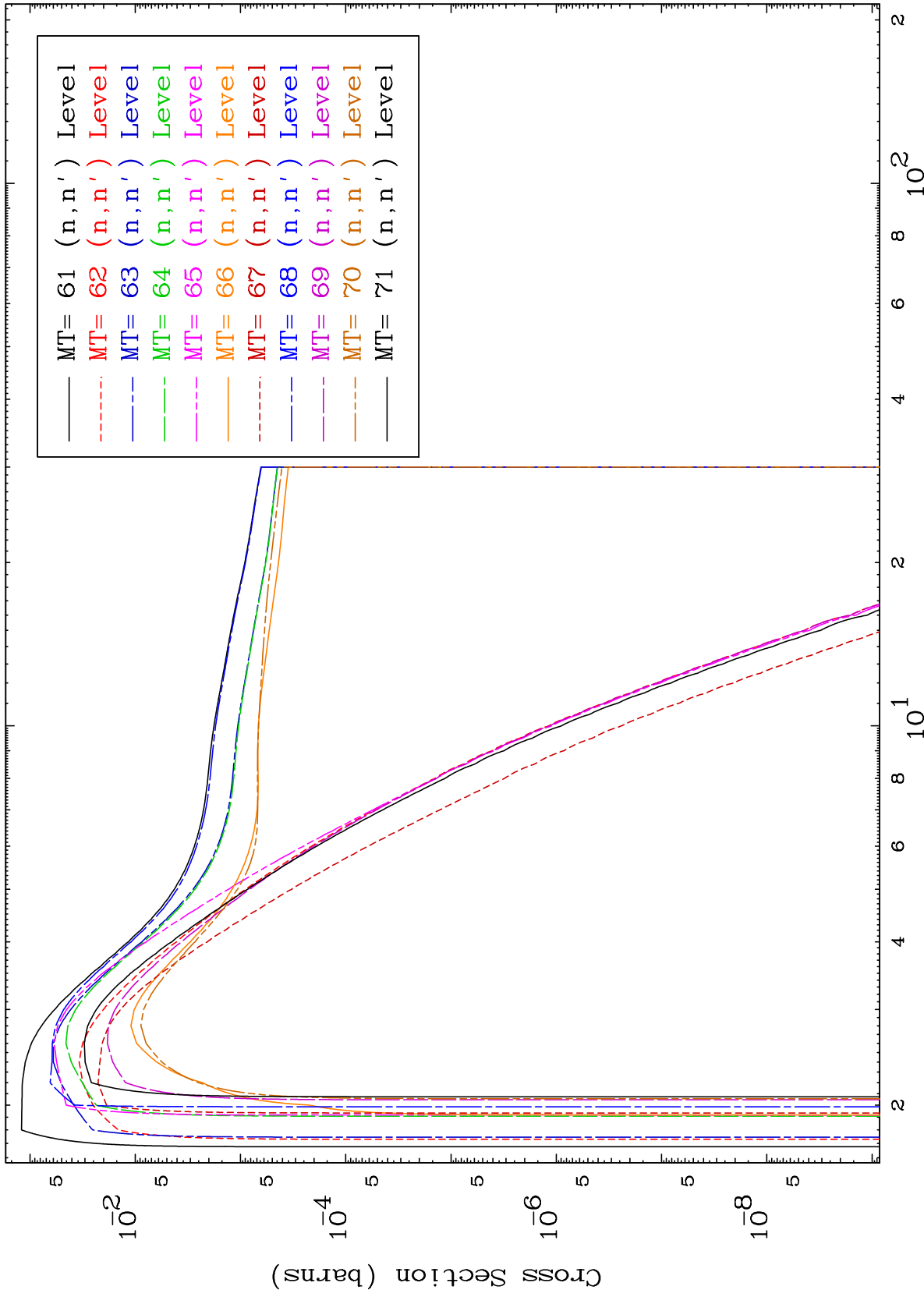


MAT 6237

(n,n') Level

62-Sm-148

293 Kelvin Cross Sections



8

Incident Energy (MeV)

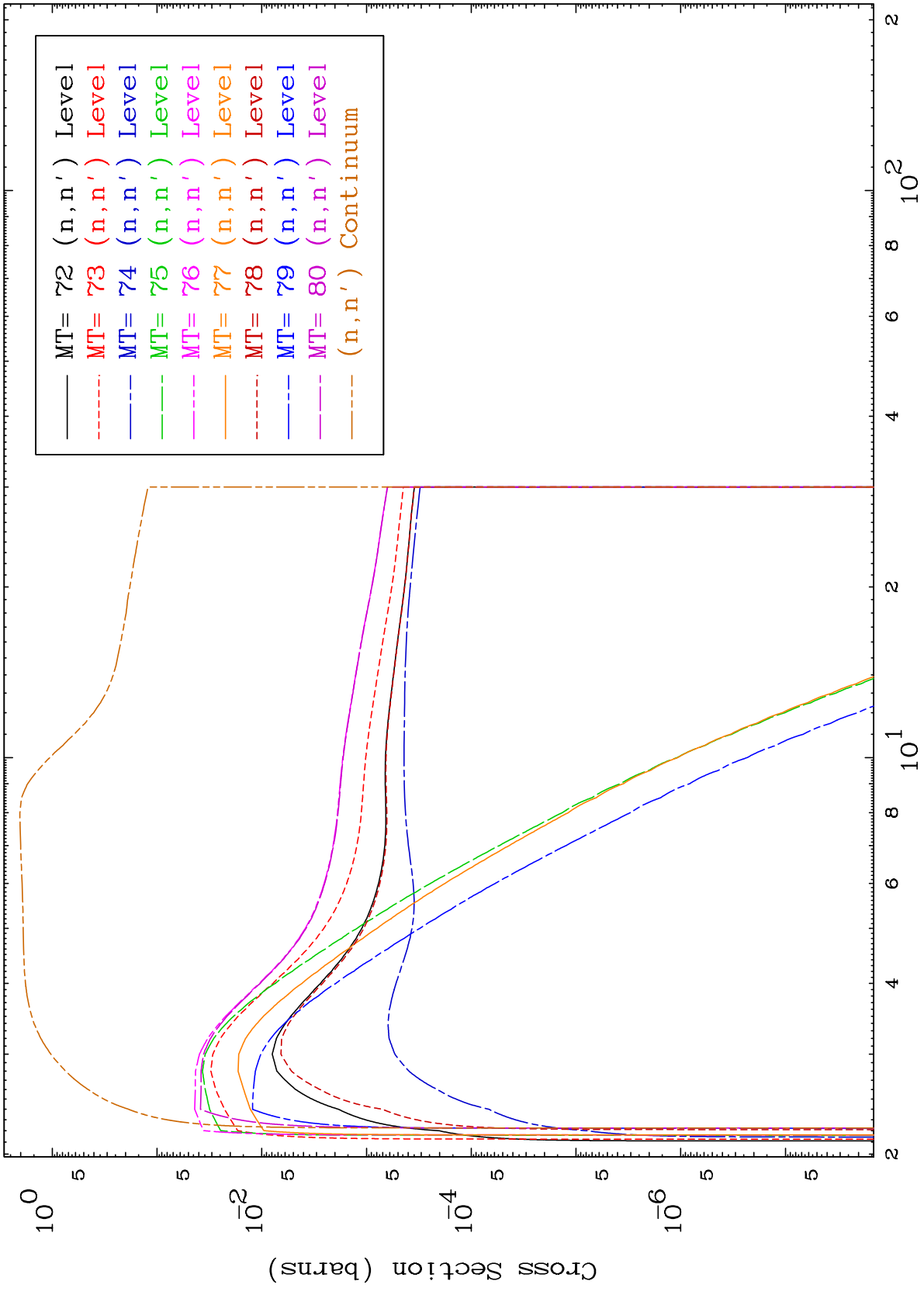
62-Sm-148

MAT 6237

(n,n') Level

62-Sm-148

293 Kelvin Cross Sections



9

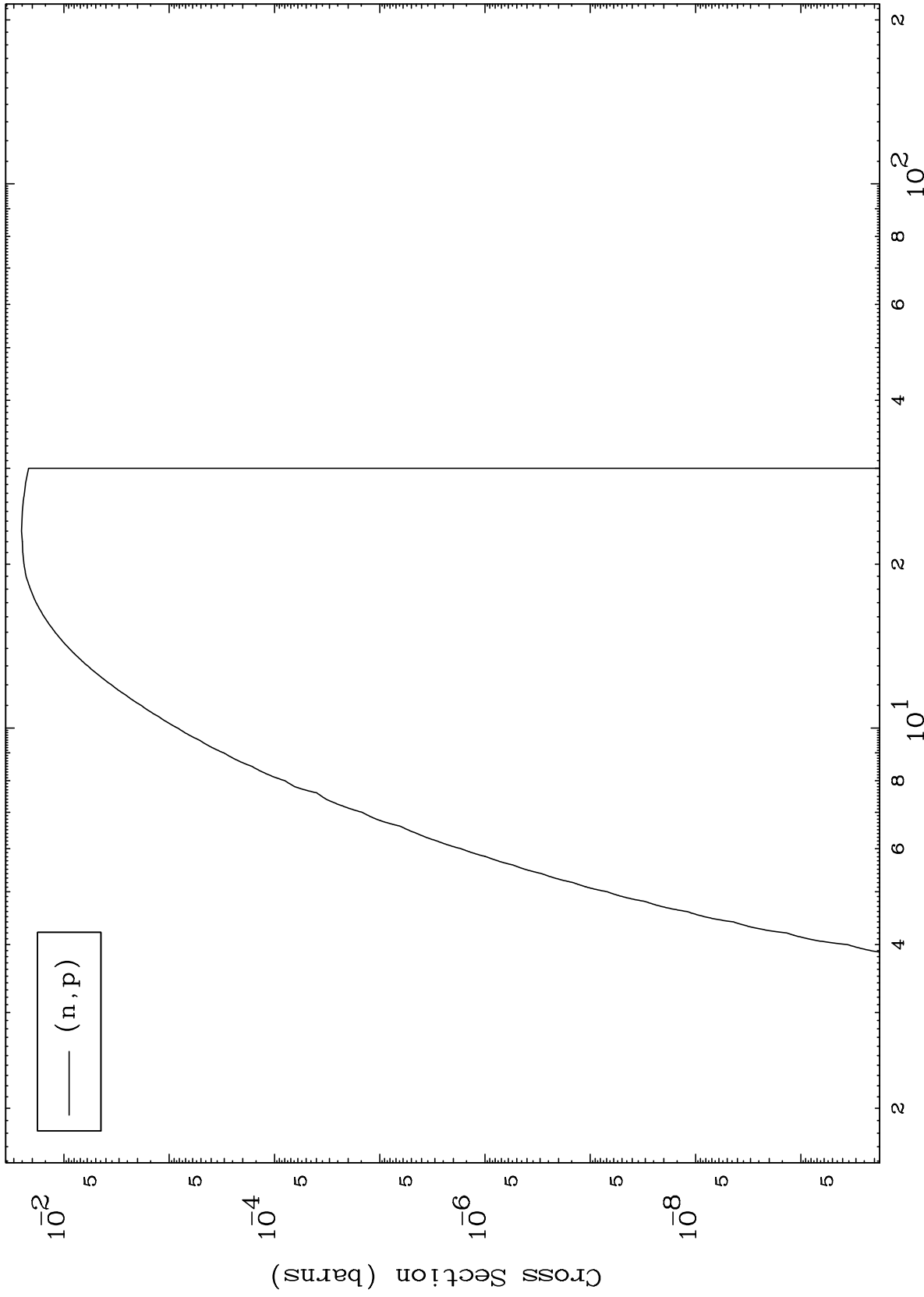
Incident Energy (MeV)

62-Sm-148

MAT 6237

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-148



10

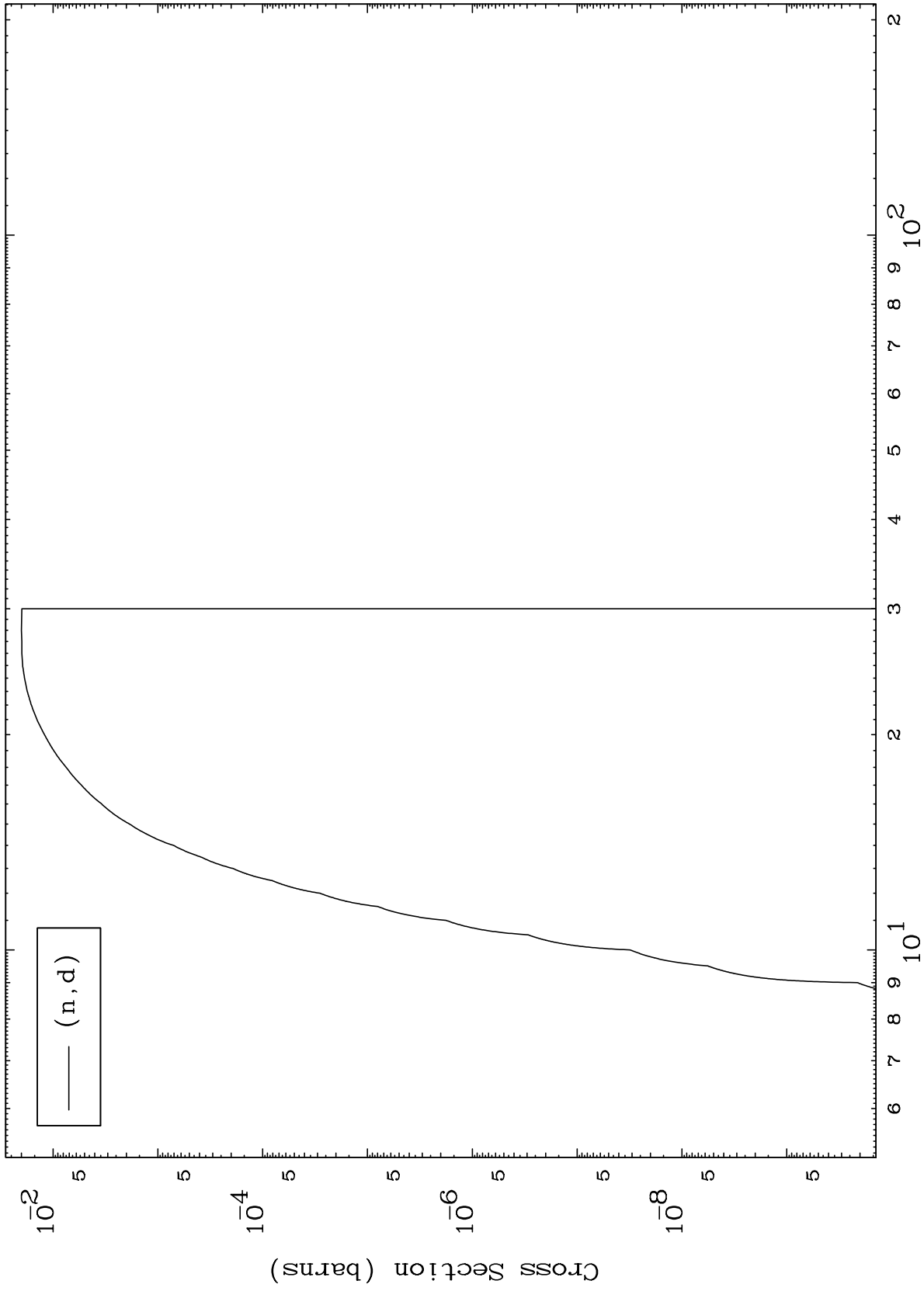
Incident Energy (MeV)

62-Sm-148

MAT 6237

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-148



11

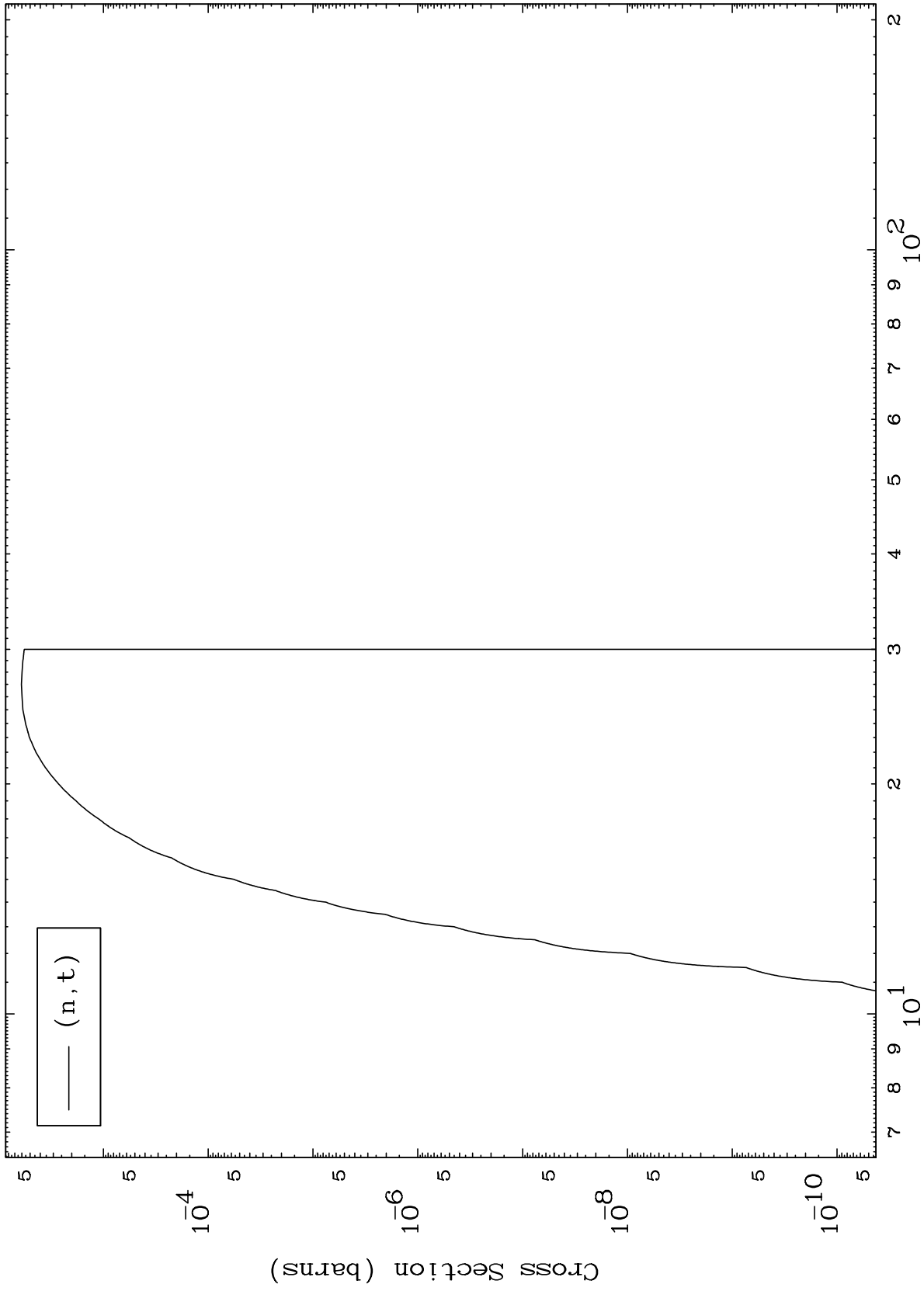
Incident Energy (MeV)

62-Sm-148

MAT 6237

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-148



12

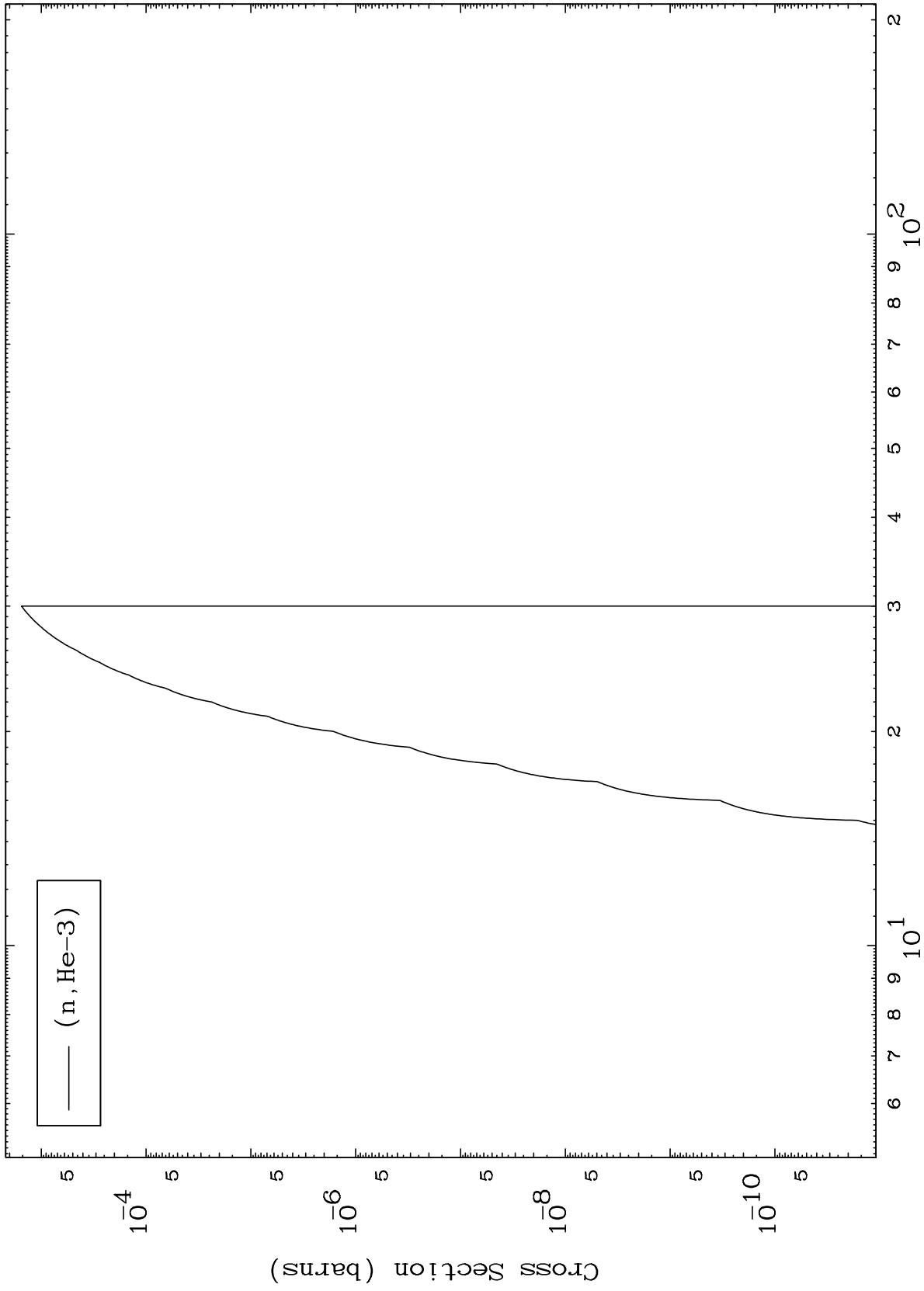
Incident Energy (MeV)

62-Sm-148

MAT 6237

(n,He3) Levels  
293 Kelvin Cross Sections

62-Sm-148



13

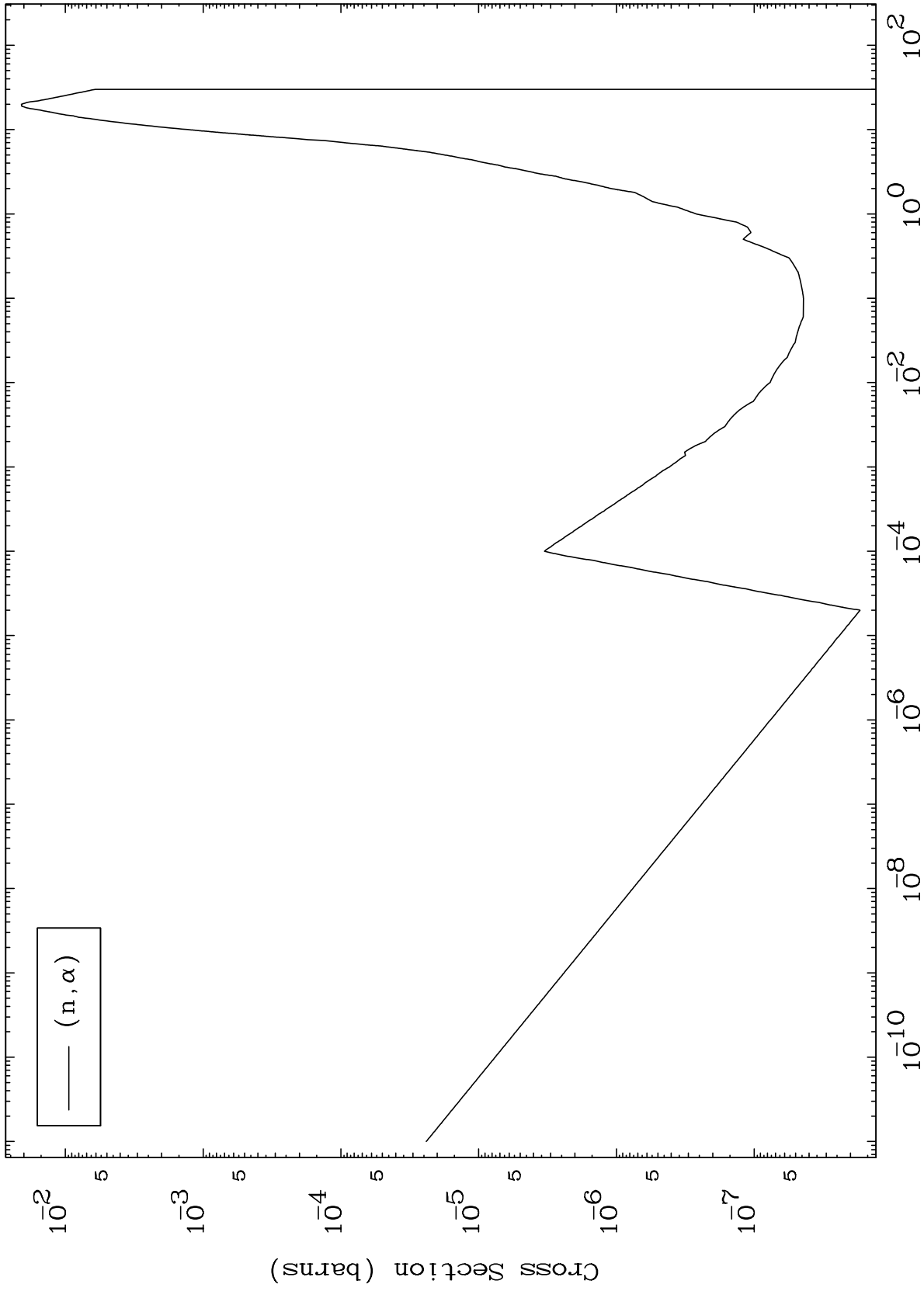
Incident Energy (MeV)

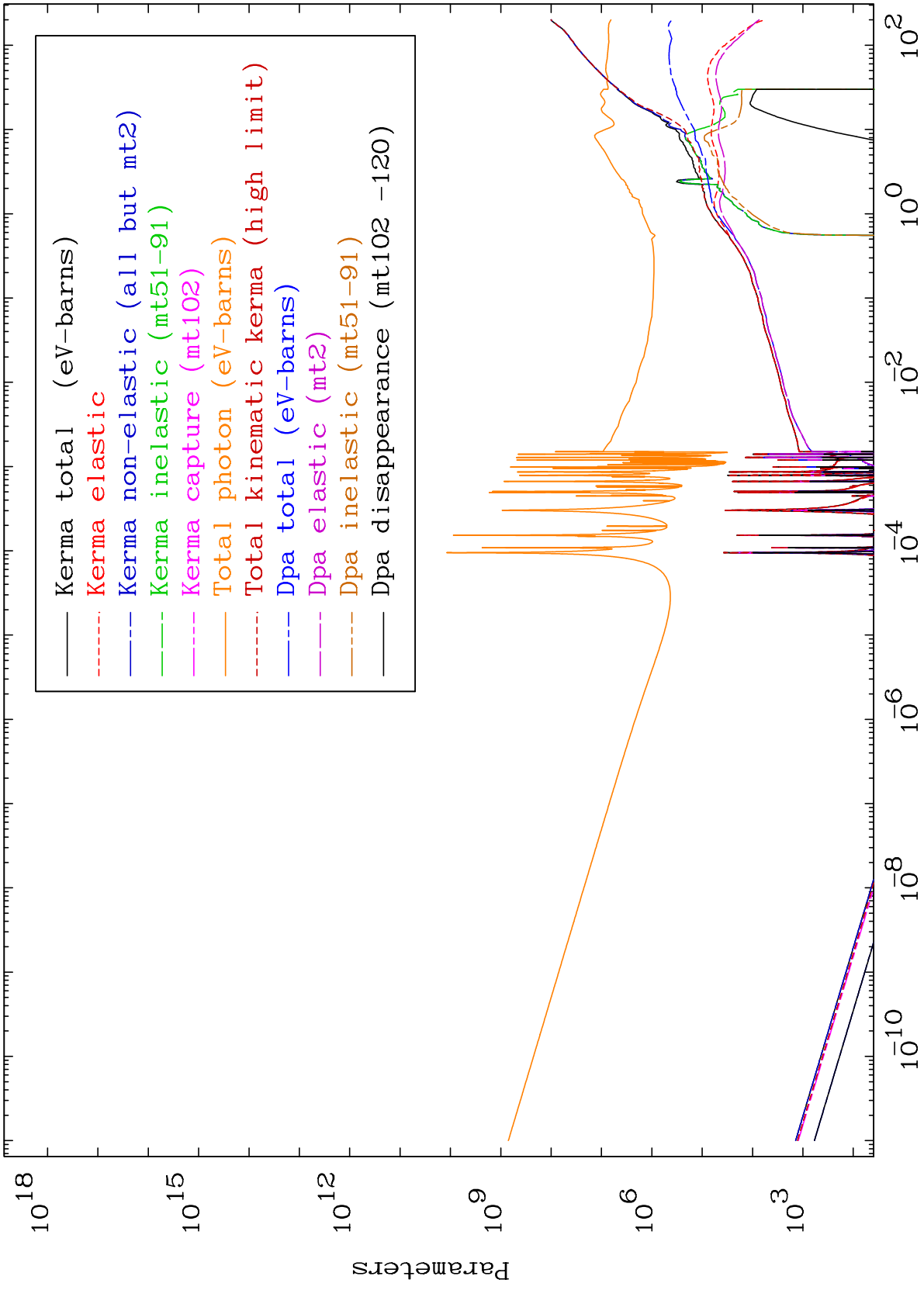
62-Sm-148

MAT 6237

(n,α) Levels  
293 Kelvin Cross Sections

62-Sm-148



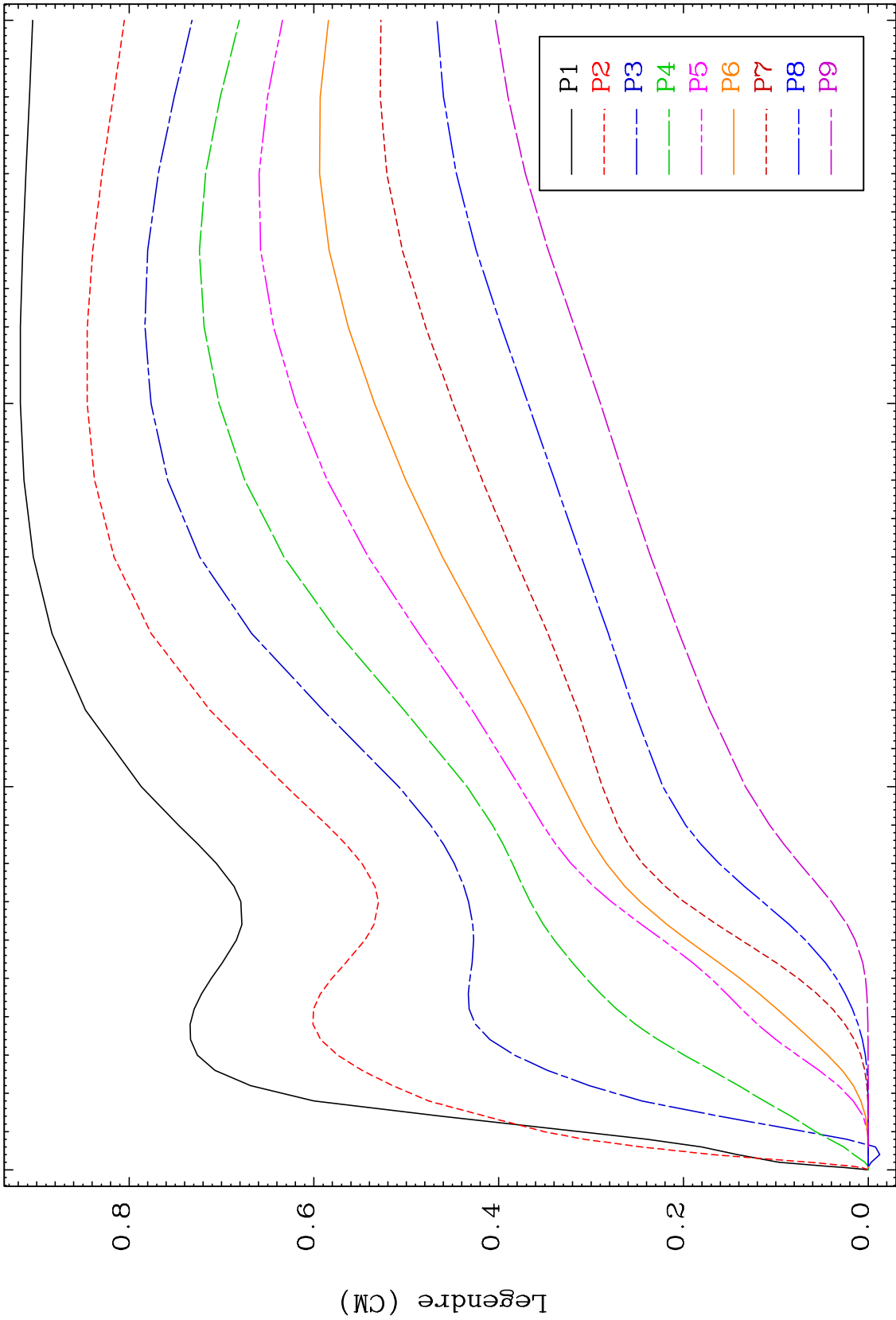




MAT 6237

Elastic Legendre Coefficients

62-Sm-148



16

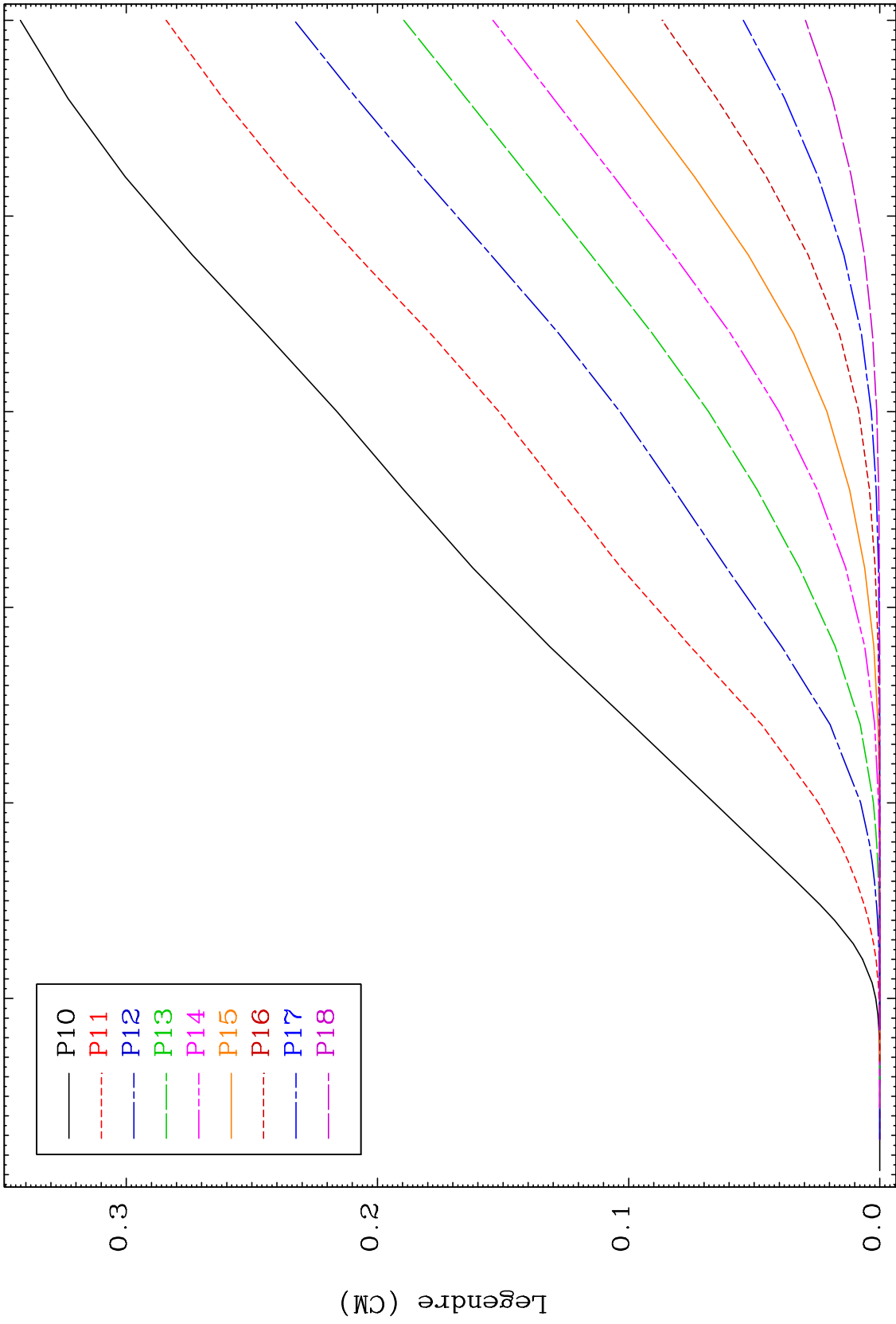
Incident Energy (MeV)

62-Sm-148

MAT 6237

Elastic Legendre Coefficients

62-Sm-148



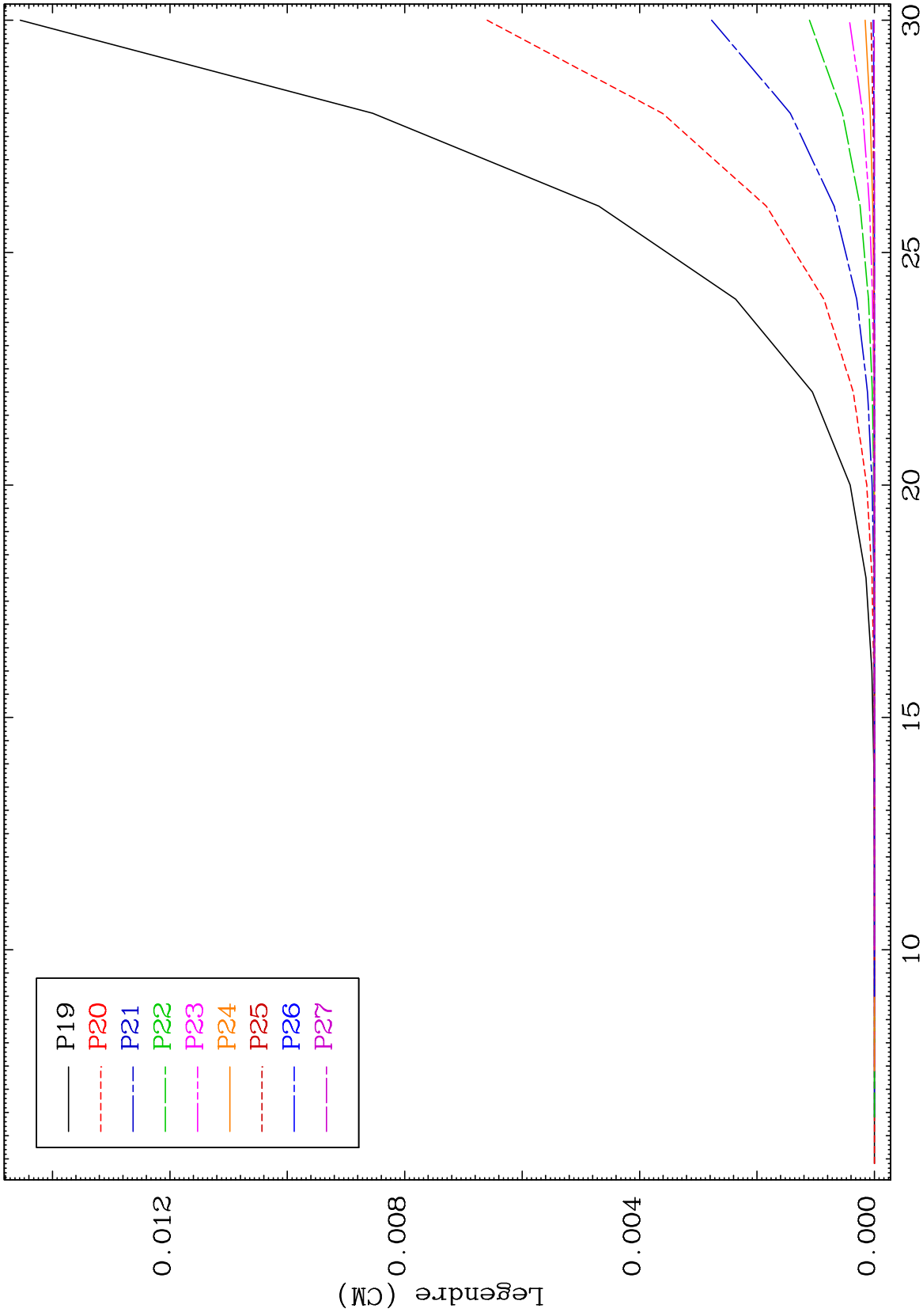
17

62-Sm-148

MAT 6237

### Elastic Legendre Coefficients

62-Sm-148



18

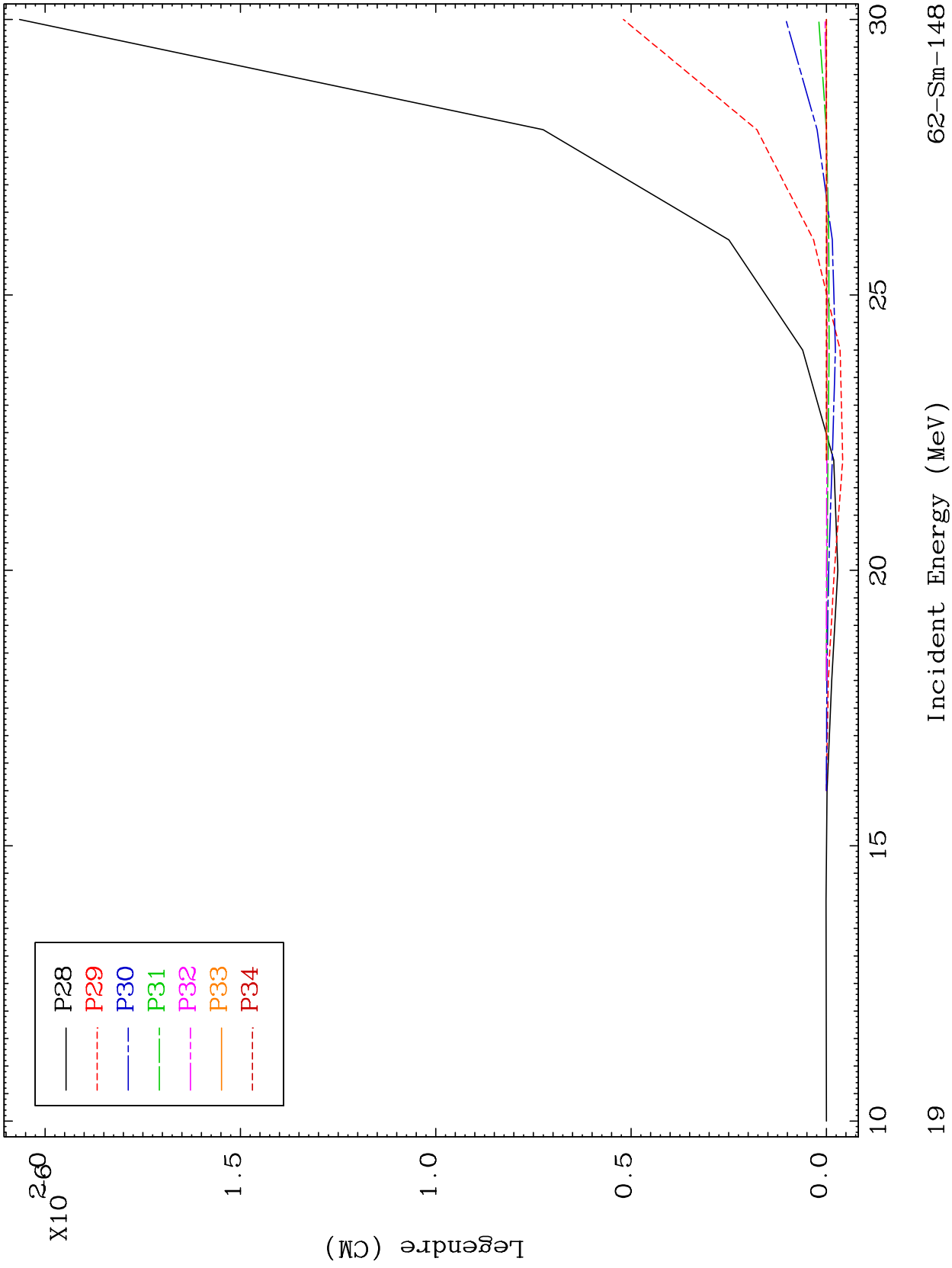
Incident Energy (MeV)

62-Sm-148

MAT 6237

Elastic Legendre Coefficients

62-Sm-148



19

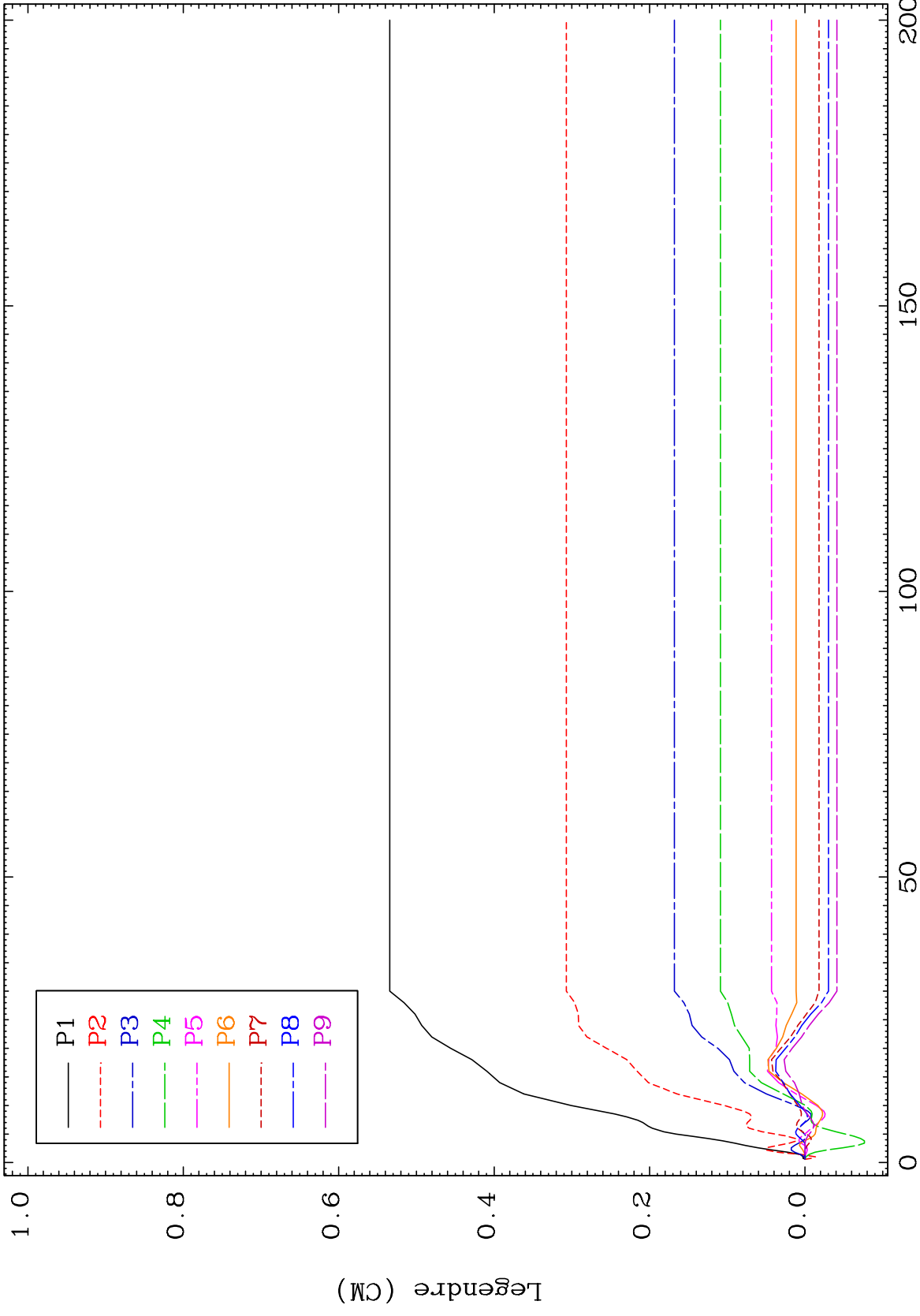
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



62-Sm-148

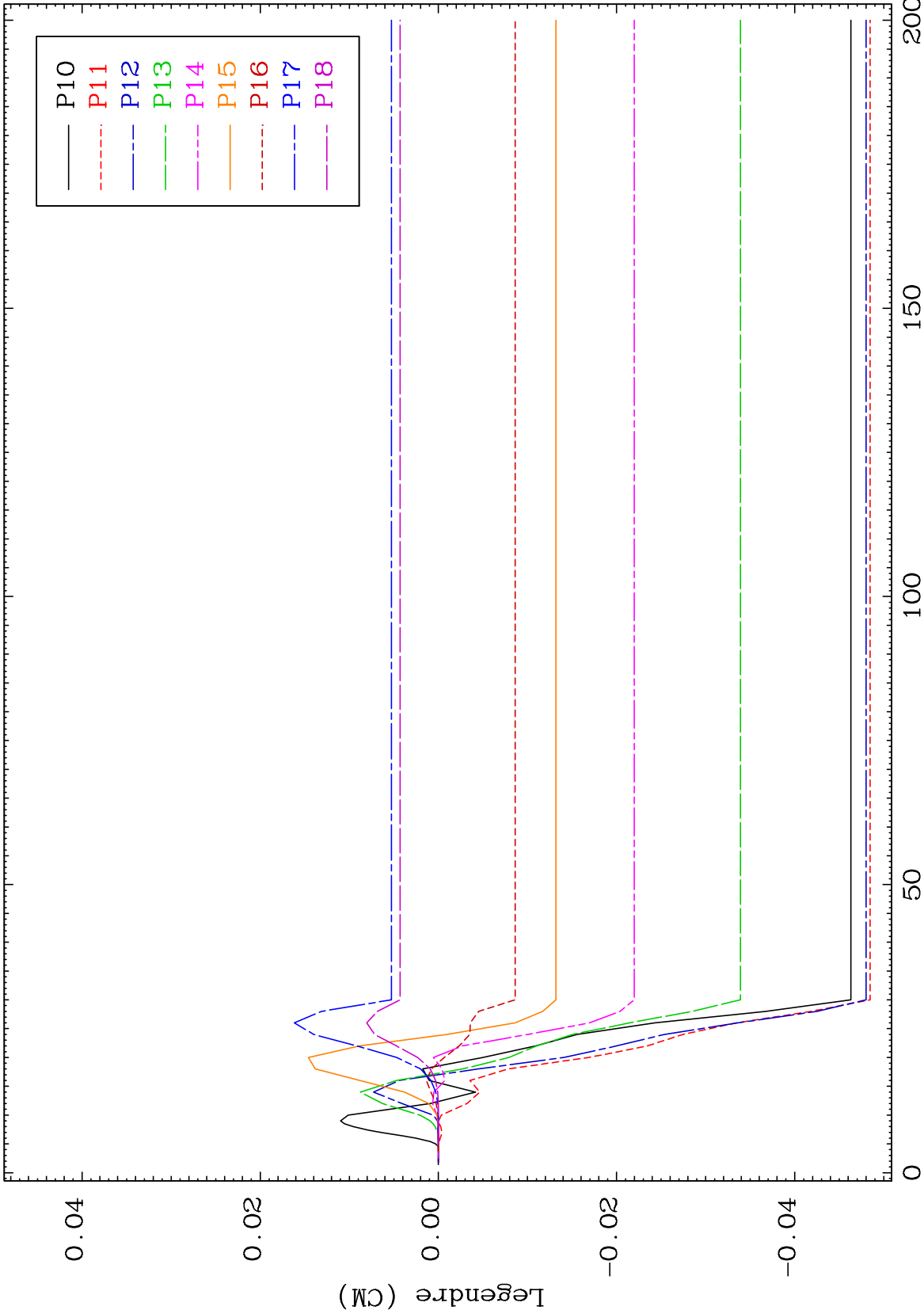
Incident Energy (MeV)

20

MAT 6237

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

62-Sm-148



21

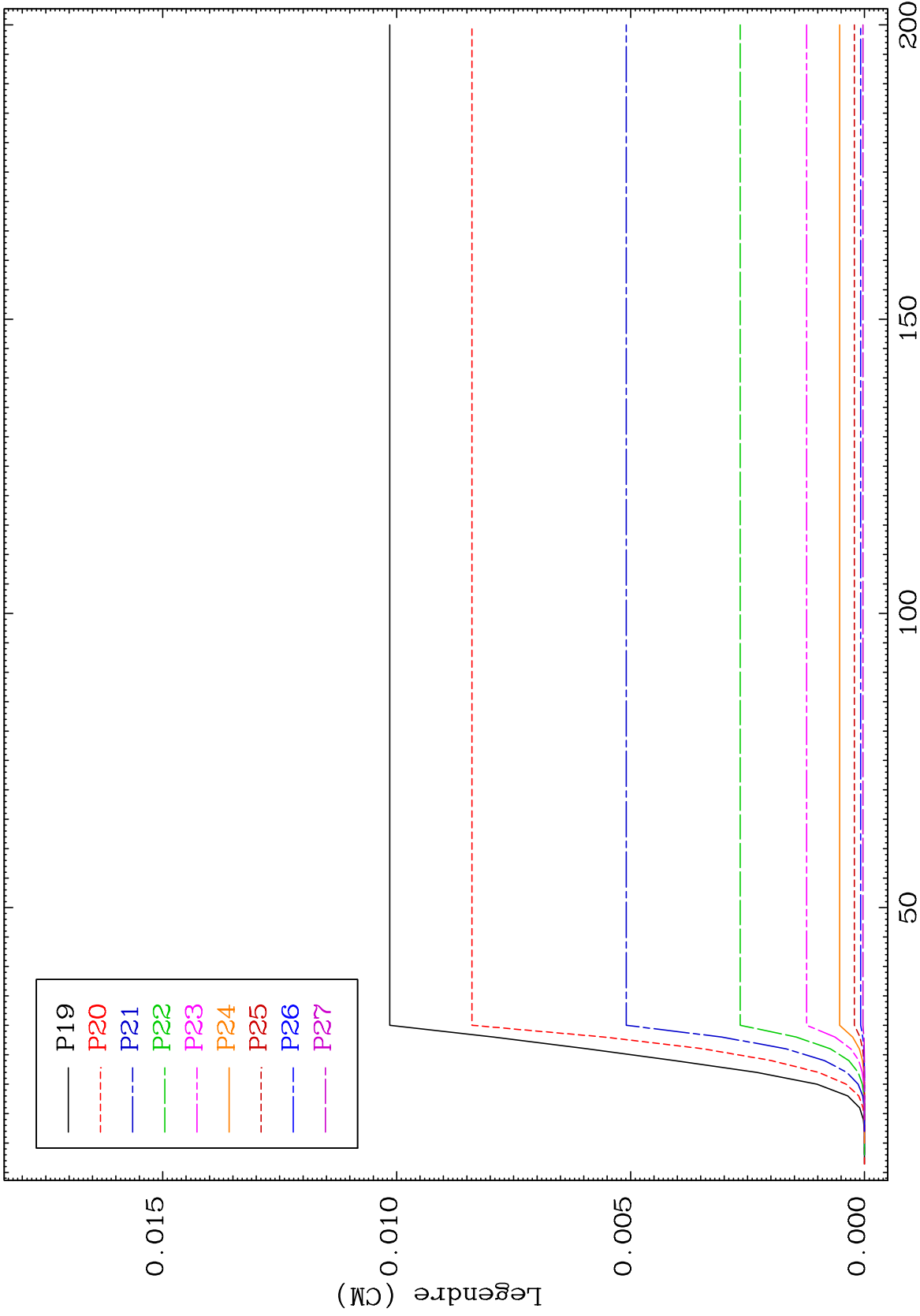
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



22

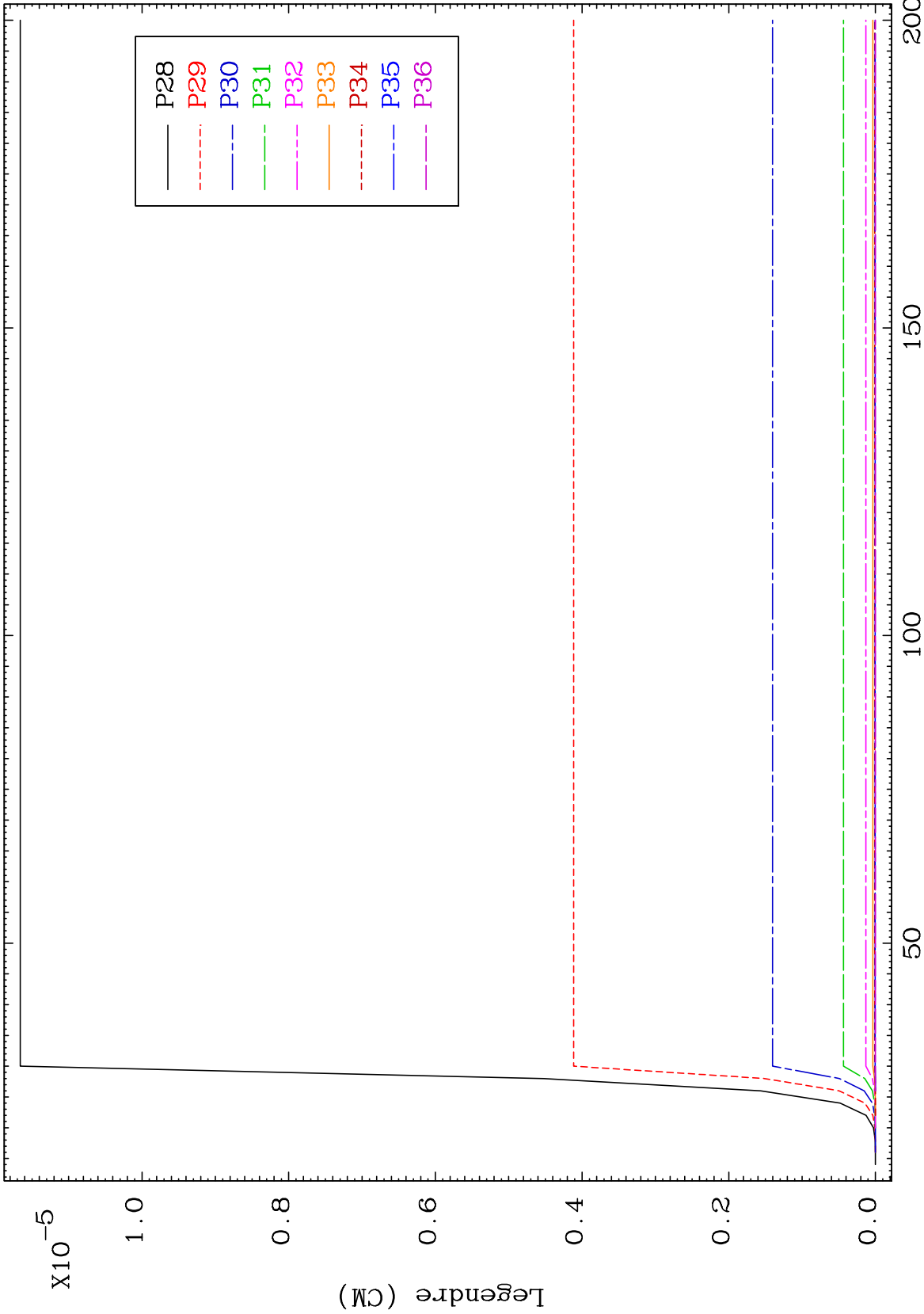
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



23

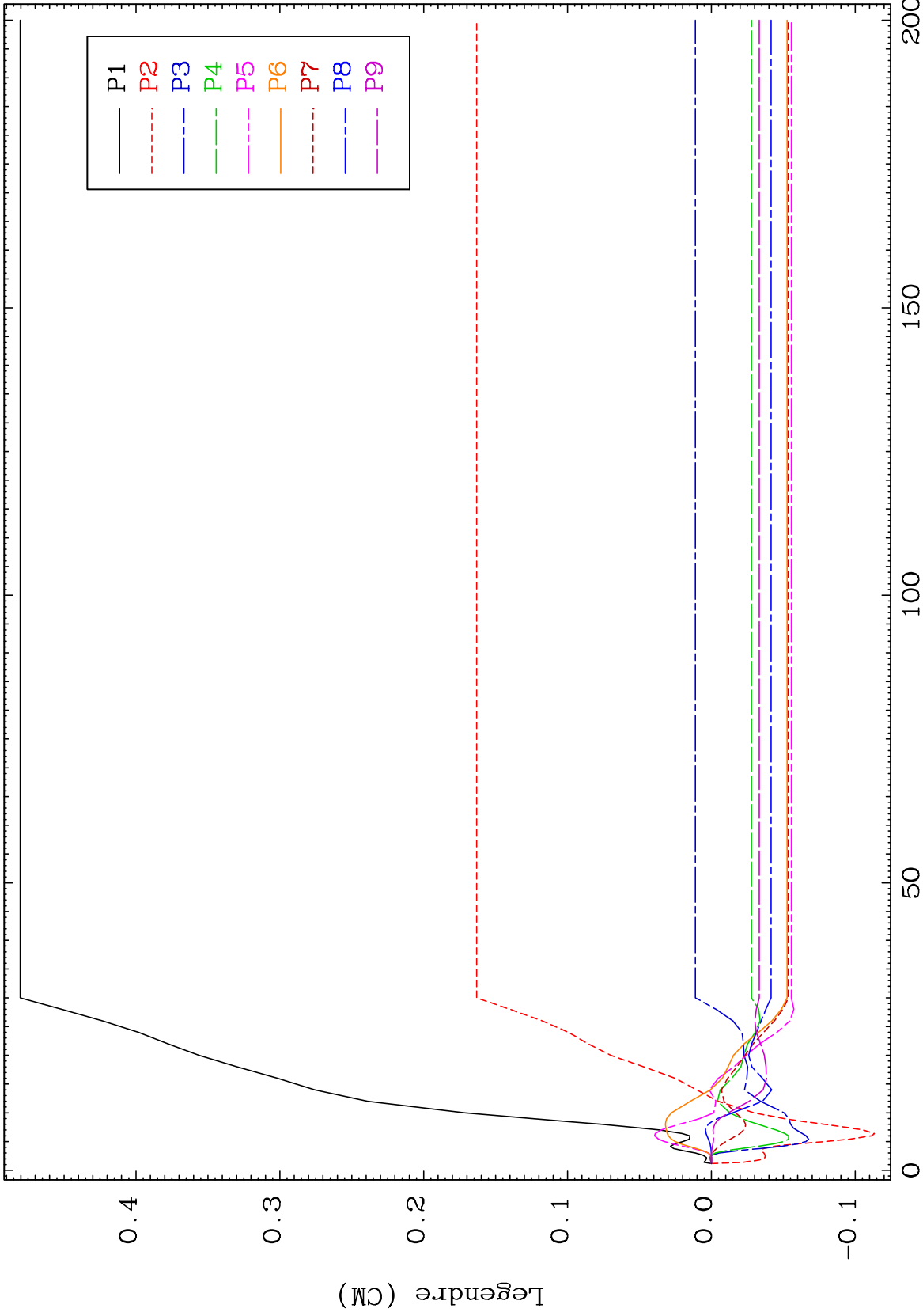
62-Sm-148



MAT 6237

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

62-Sm-148



24

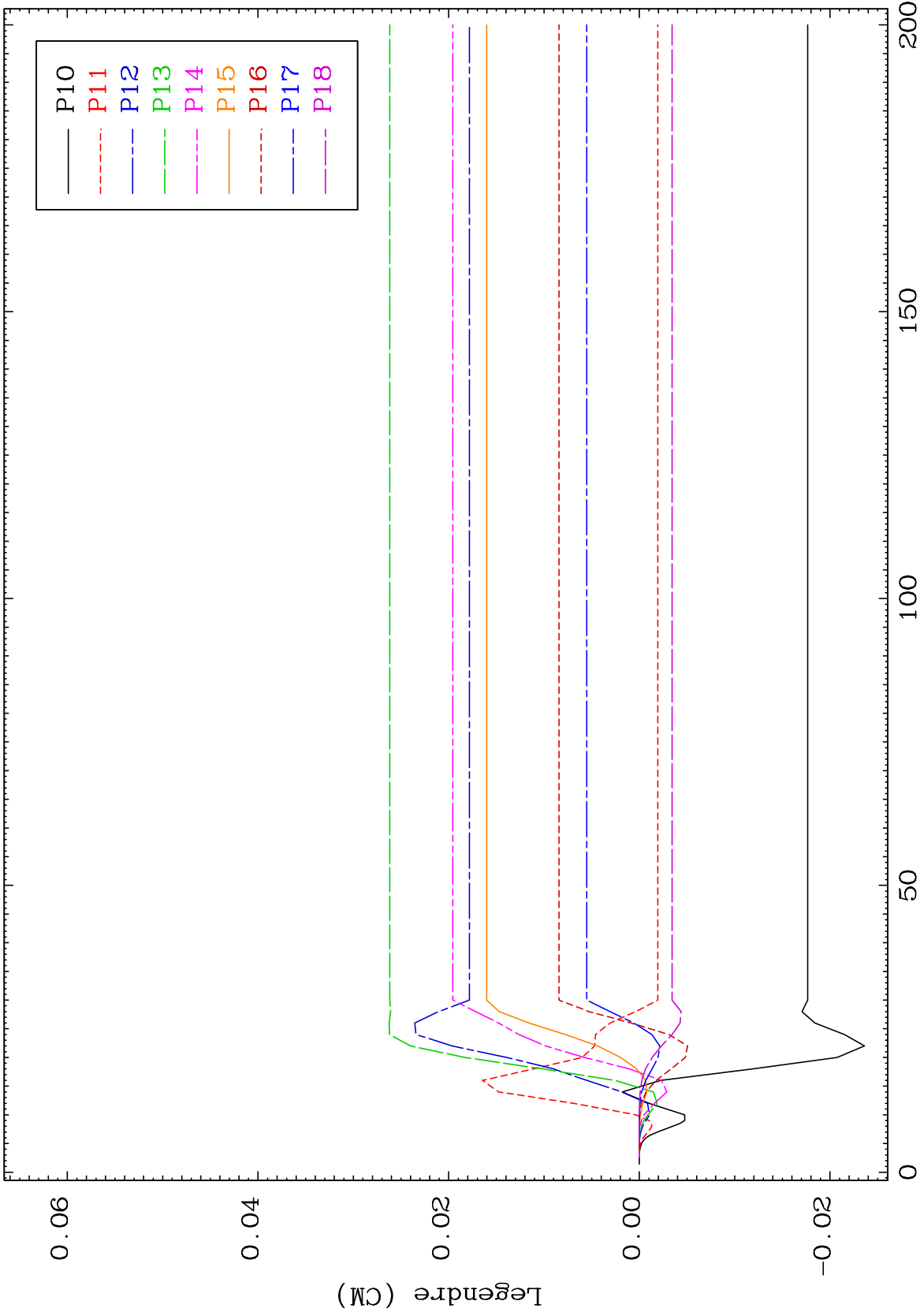
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



25

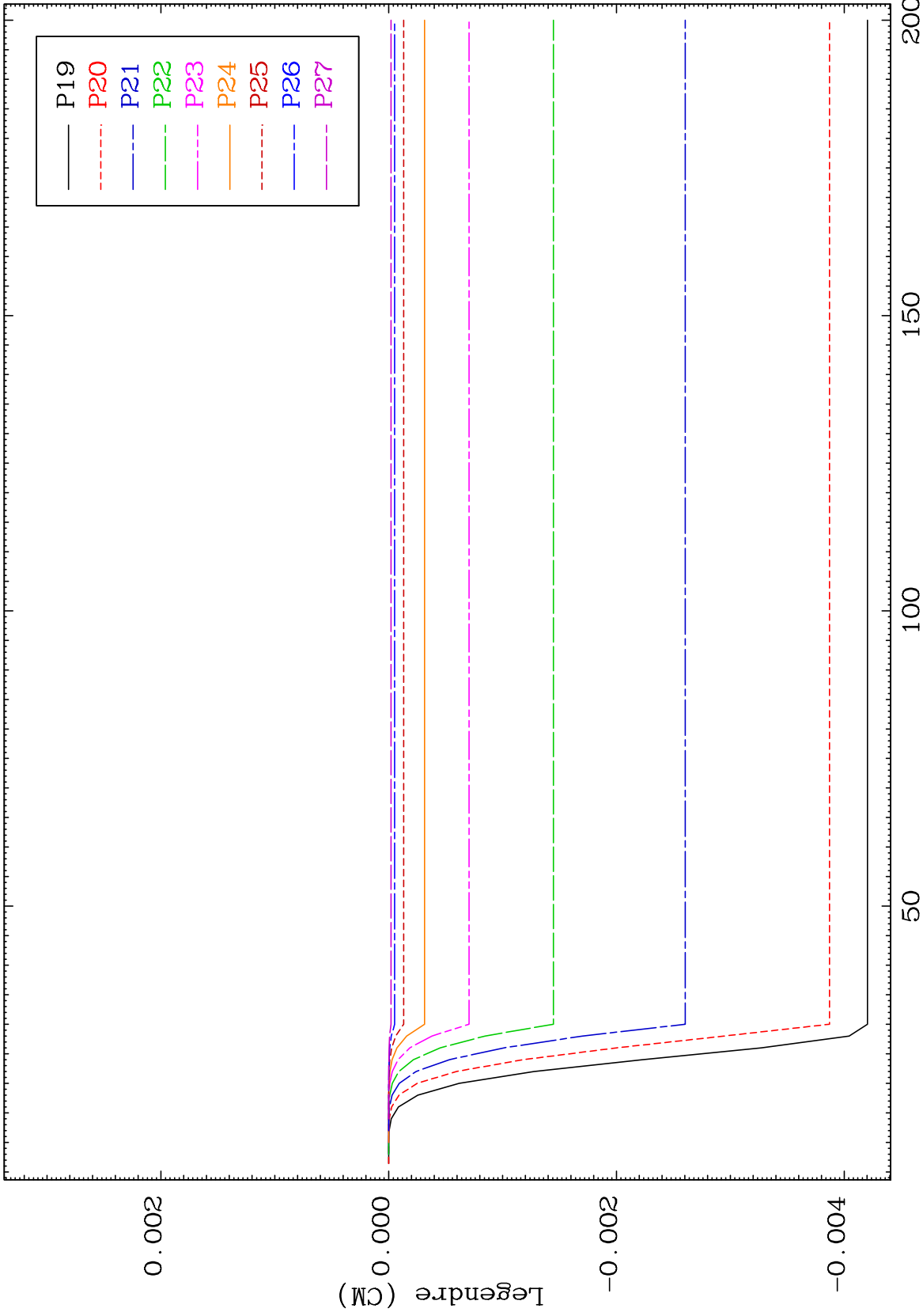
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



26

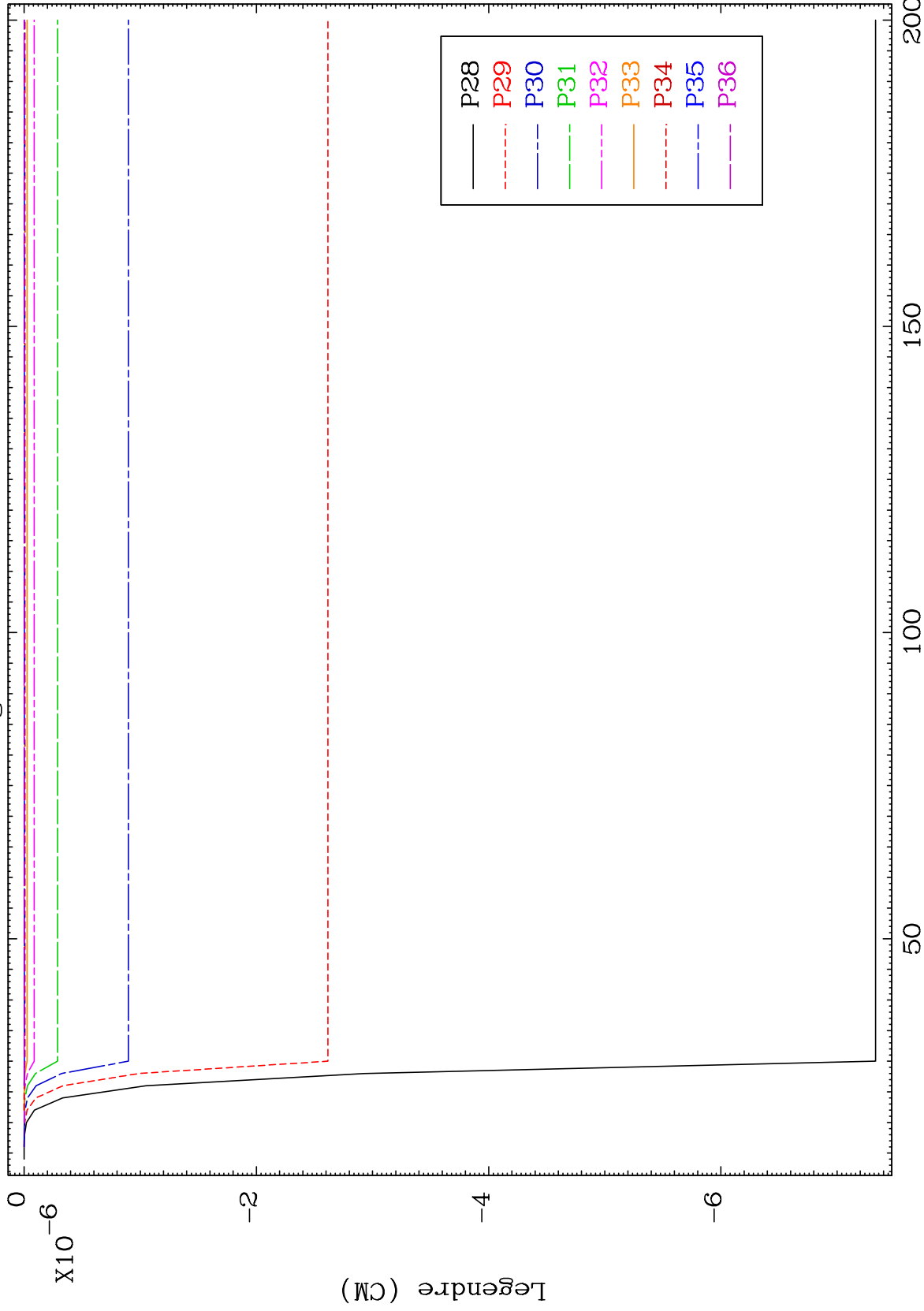
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



62-Sm-148

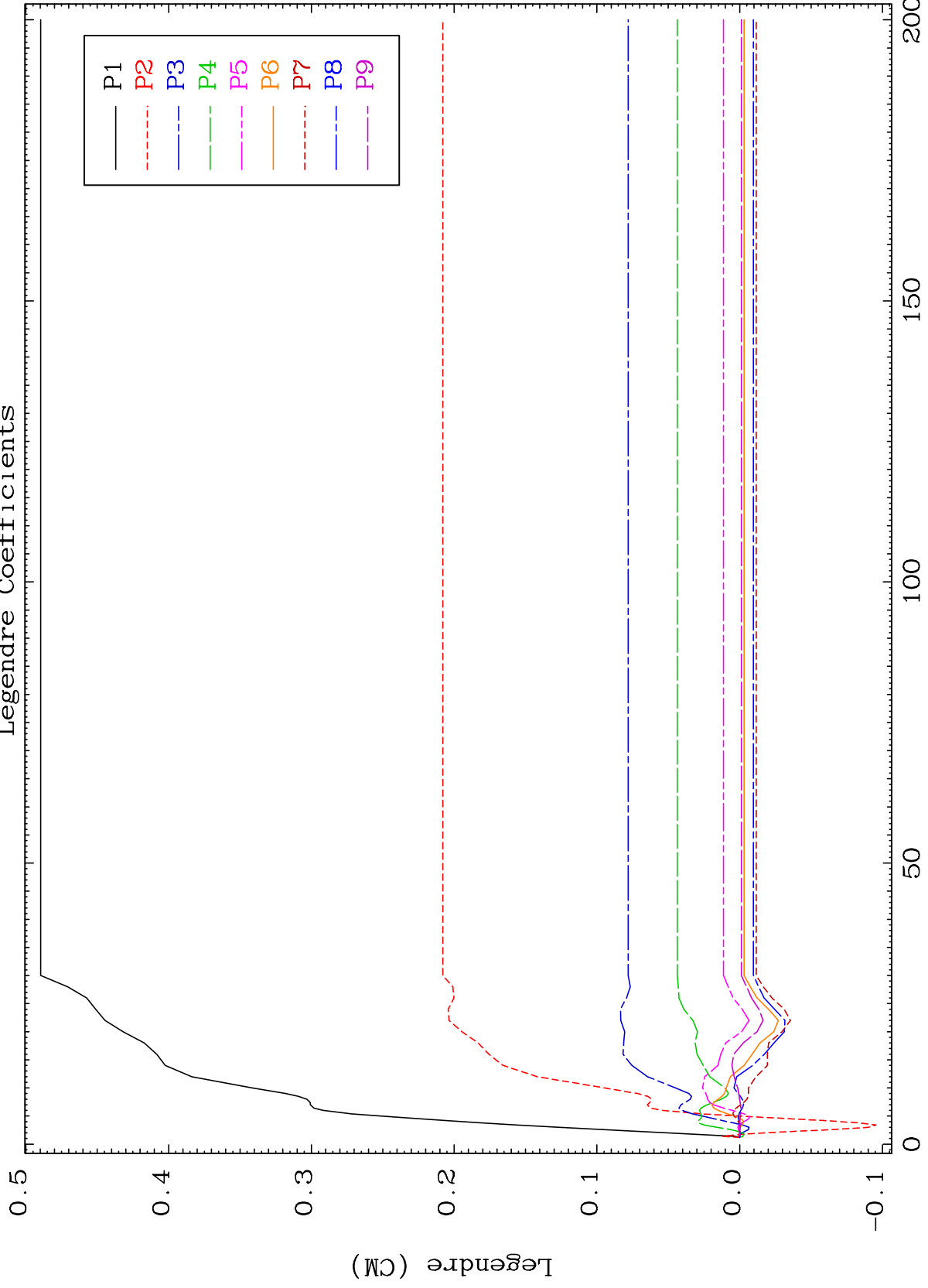
Incident Energy (MeV)

27

MAT 6237

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

62-Sm-148



62-Sm-148

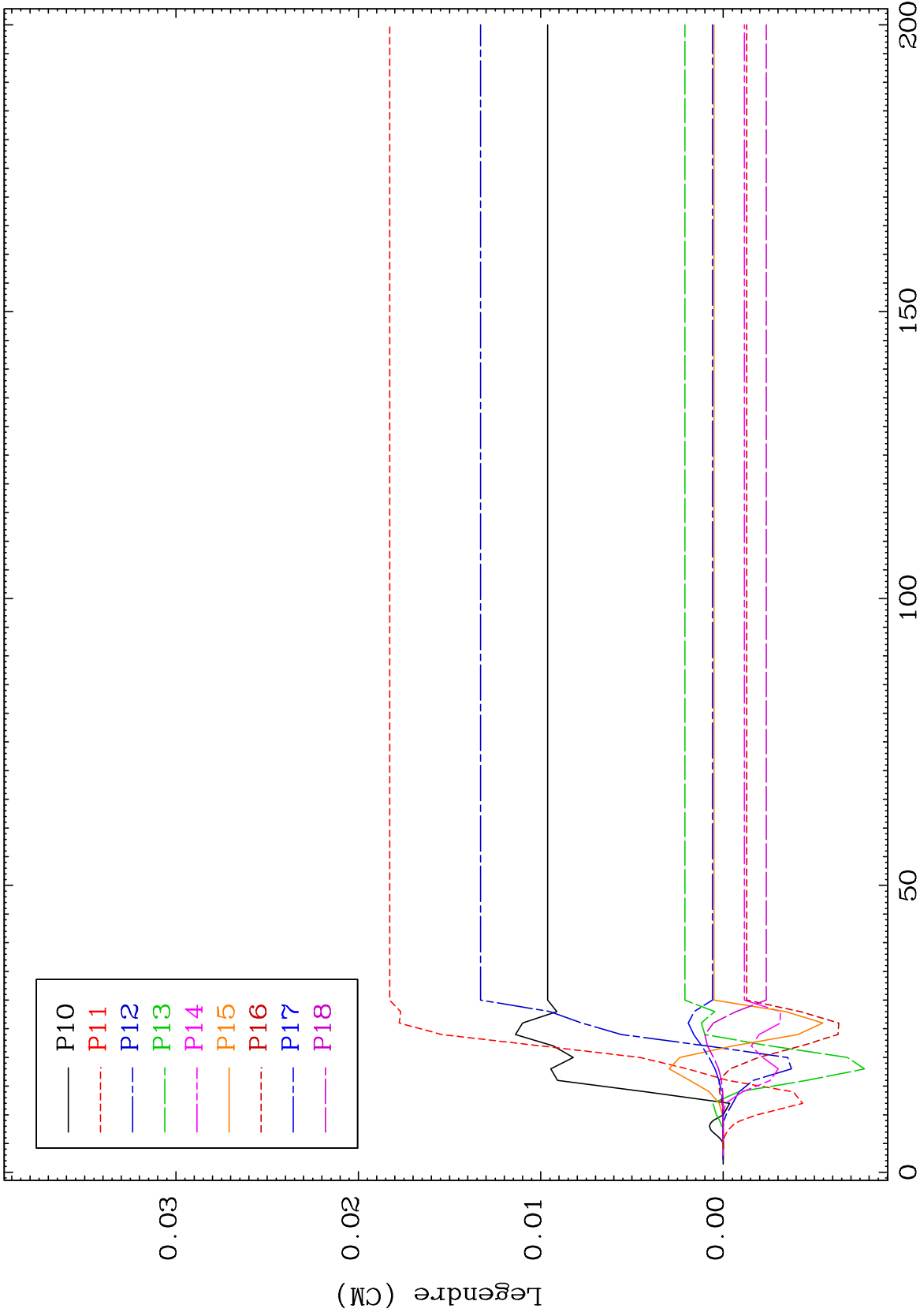
Incident Energy (MeV)

28

MAT 6237

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

62-Sm-148



29

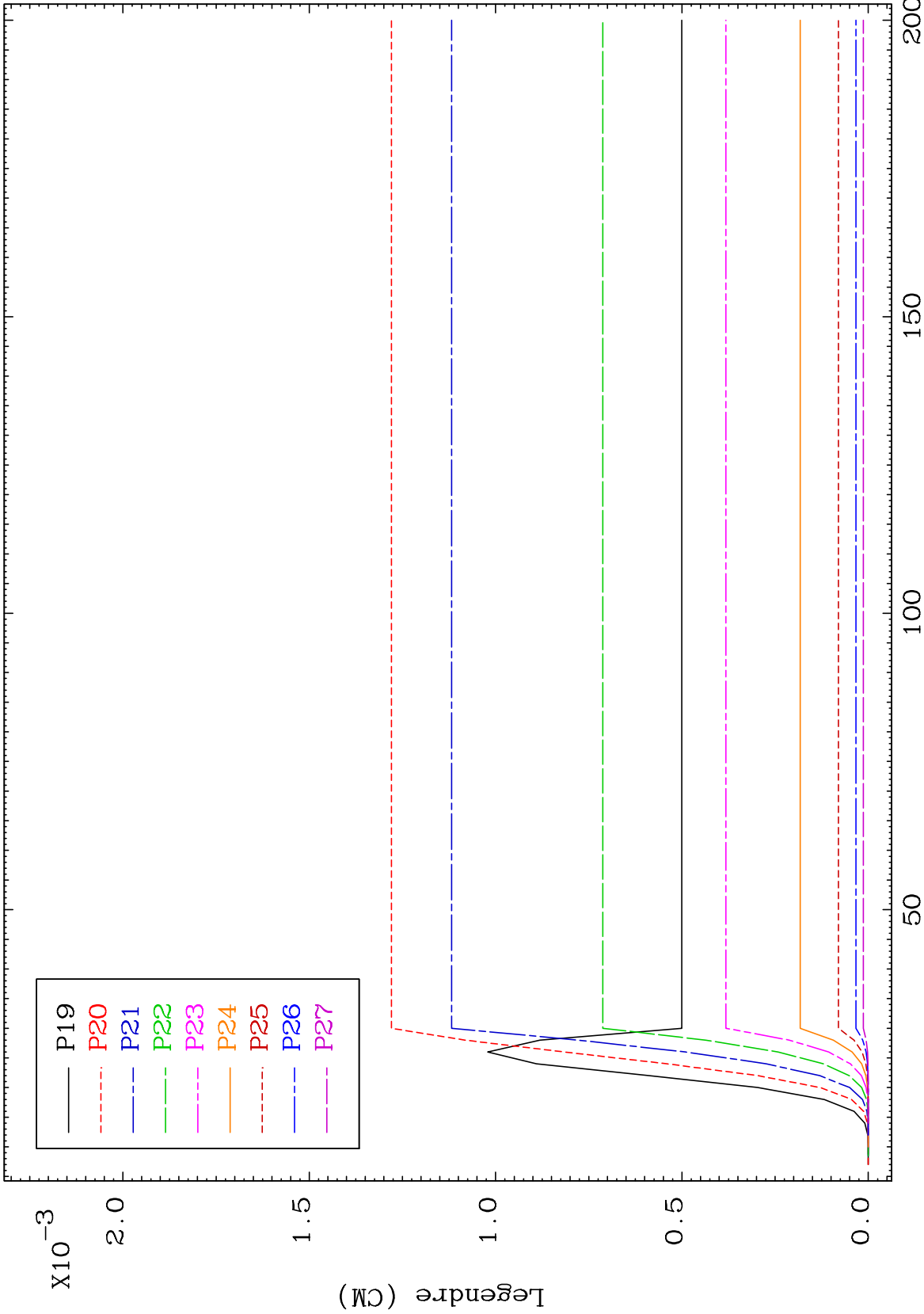
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



30

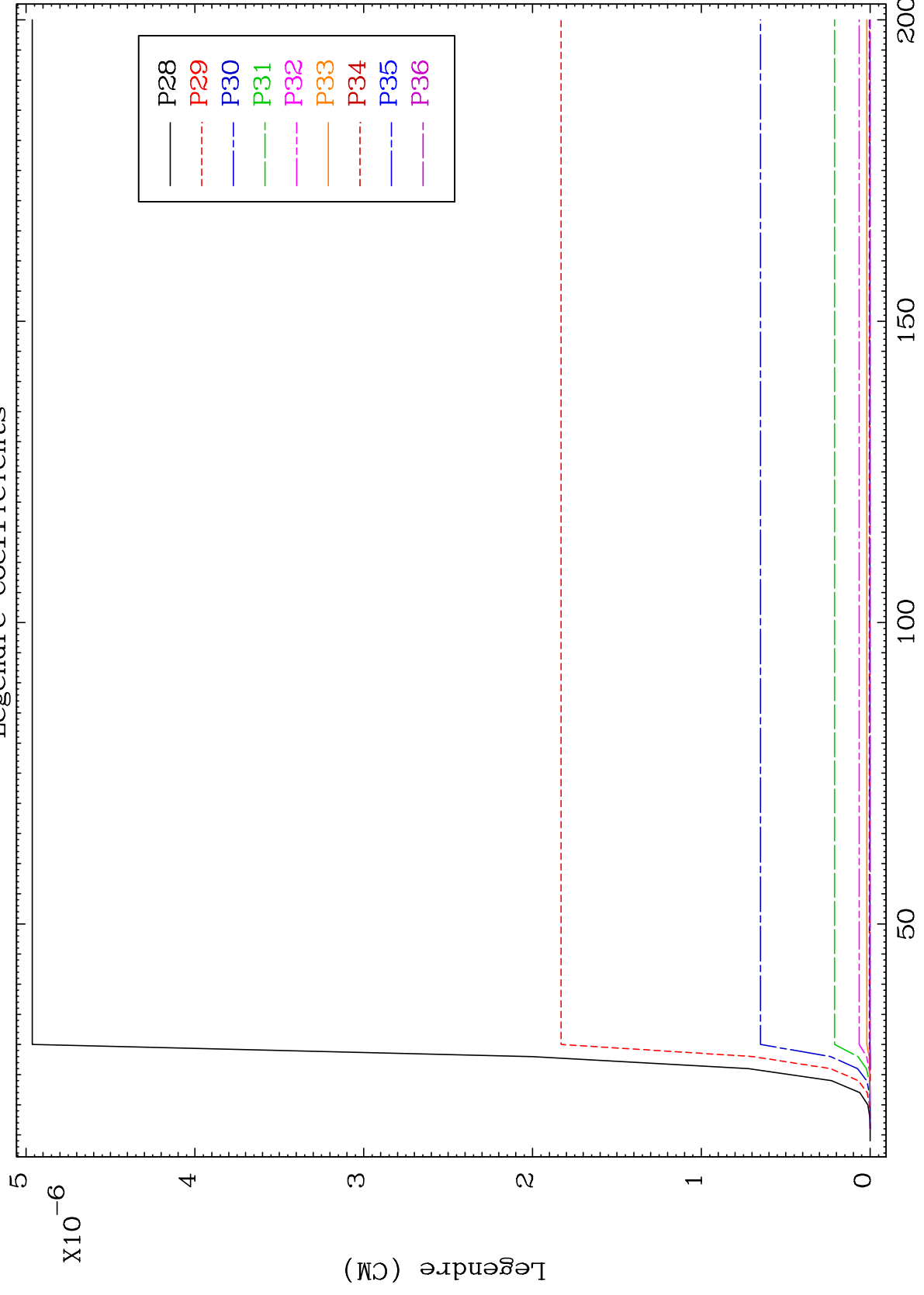
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



31

Incident Energy (MeV)

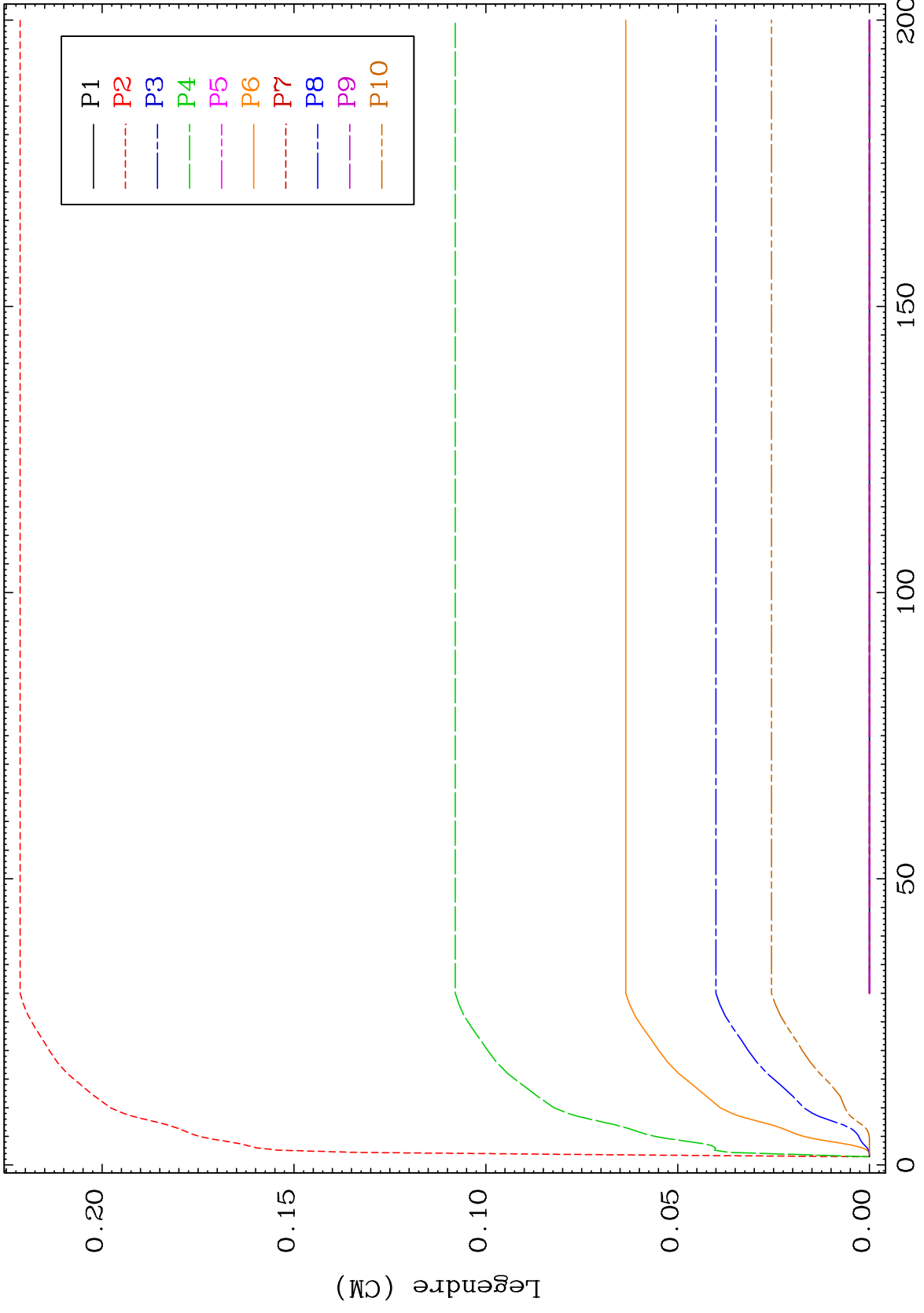
62-Sm-148



MAT 6237

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

62-Sm-148



32

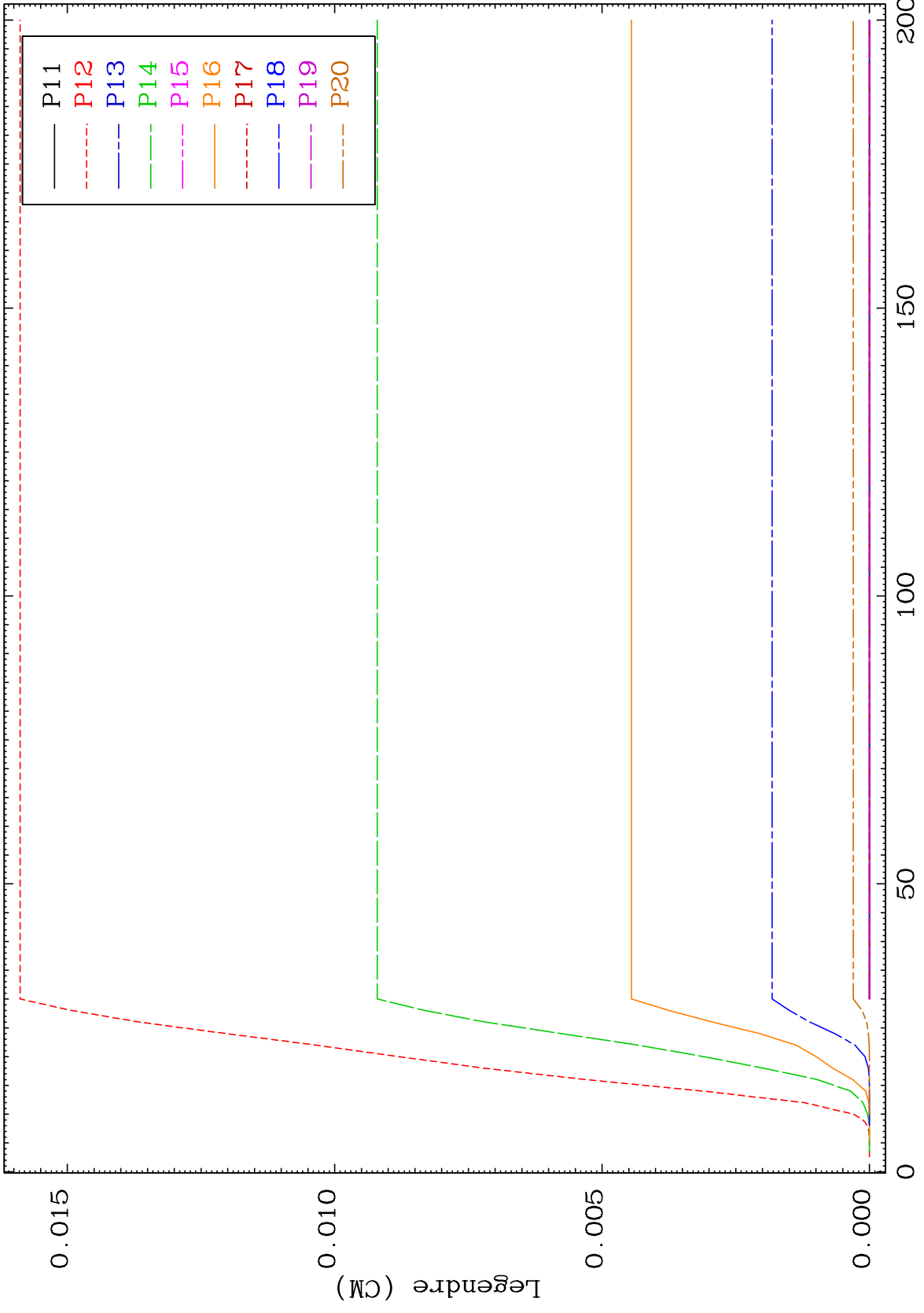
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



33

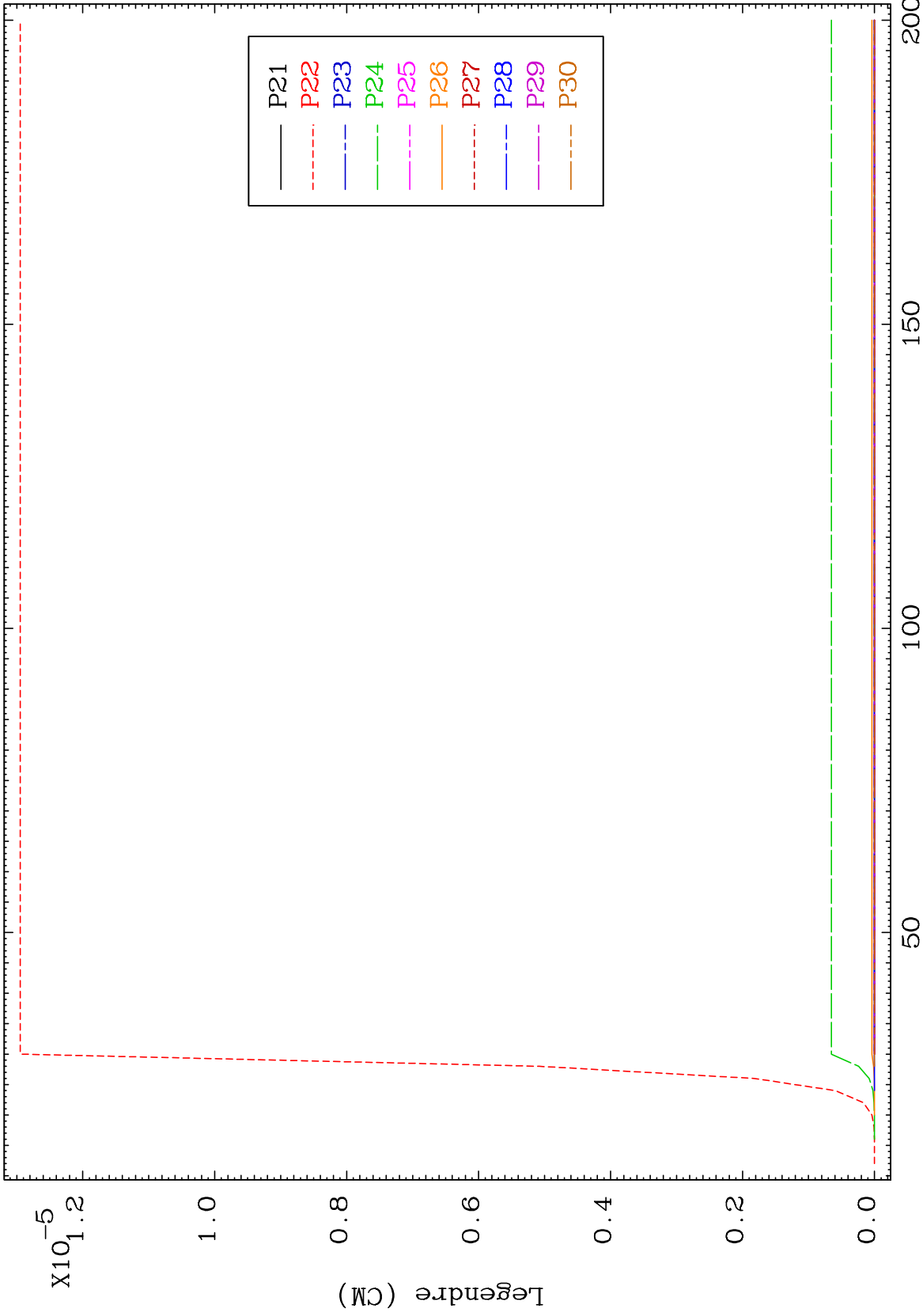
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



62-Sm-148

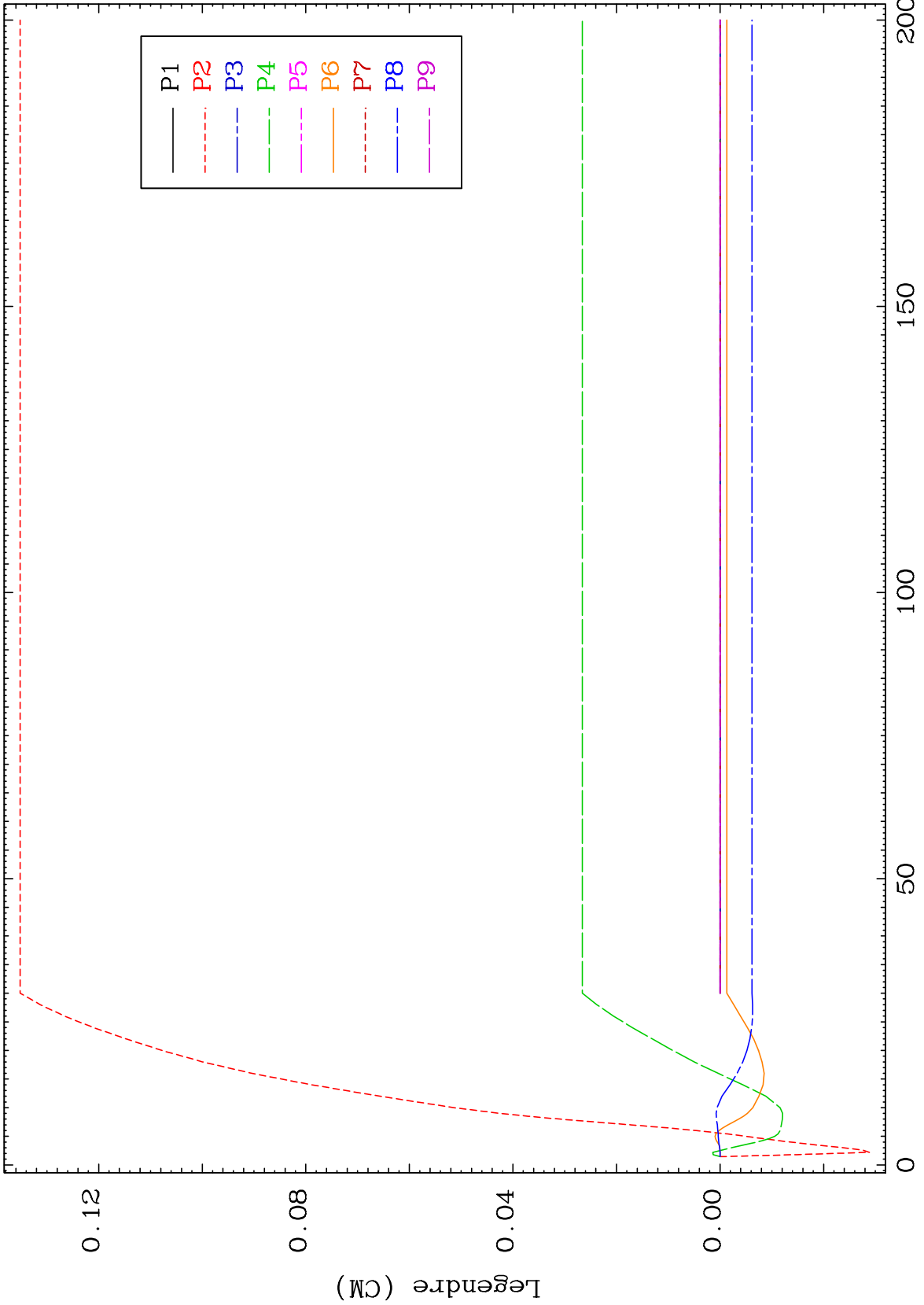
Incident Energy (MeV)

34

MAT 6237

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

62-Sm-148



35

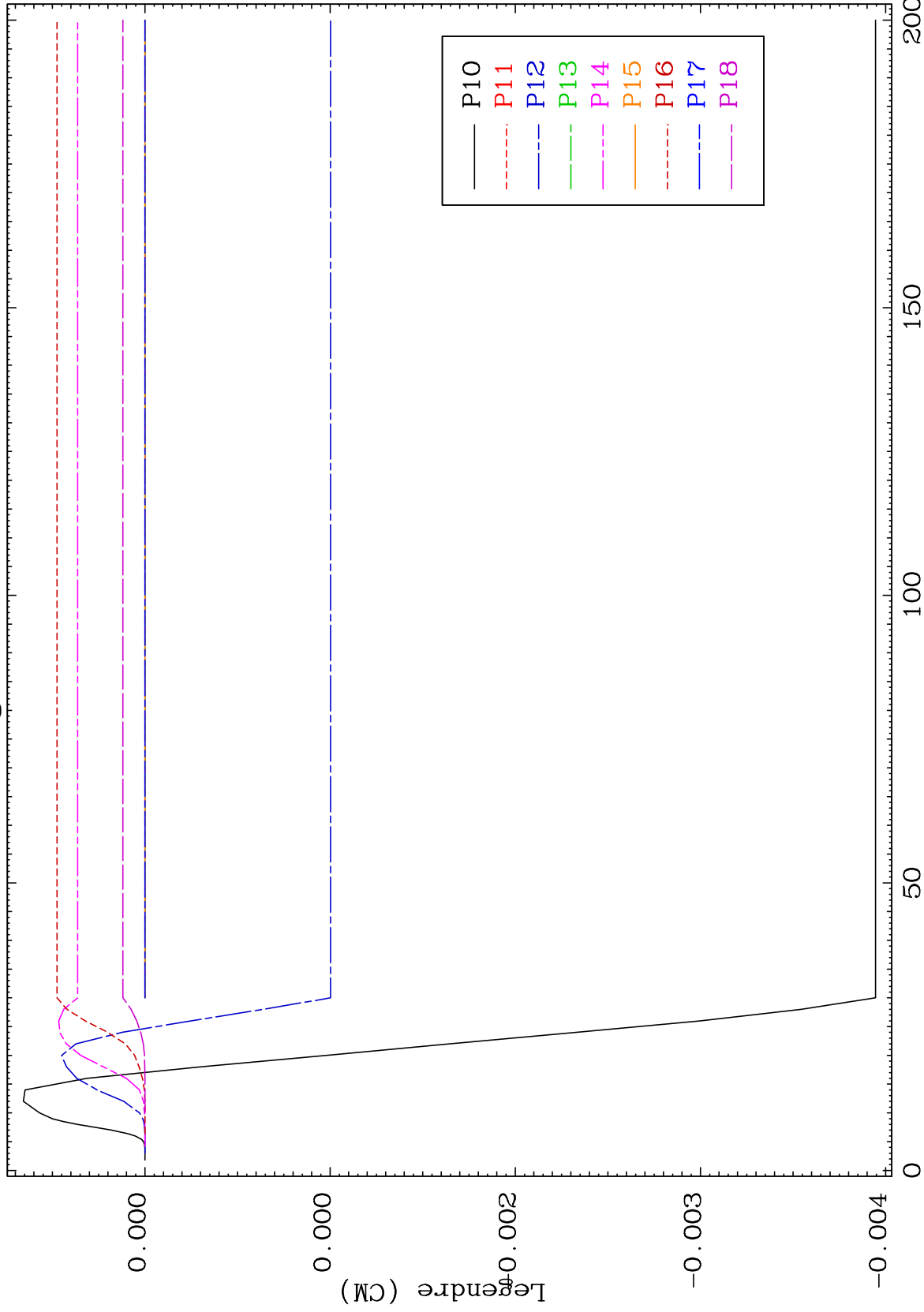
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



36

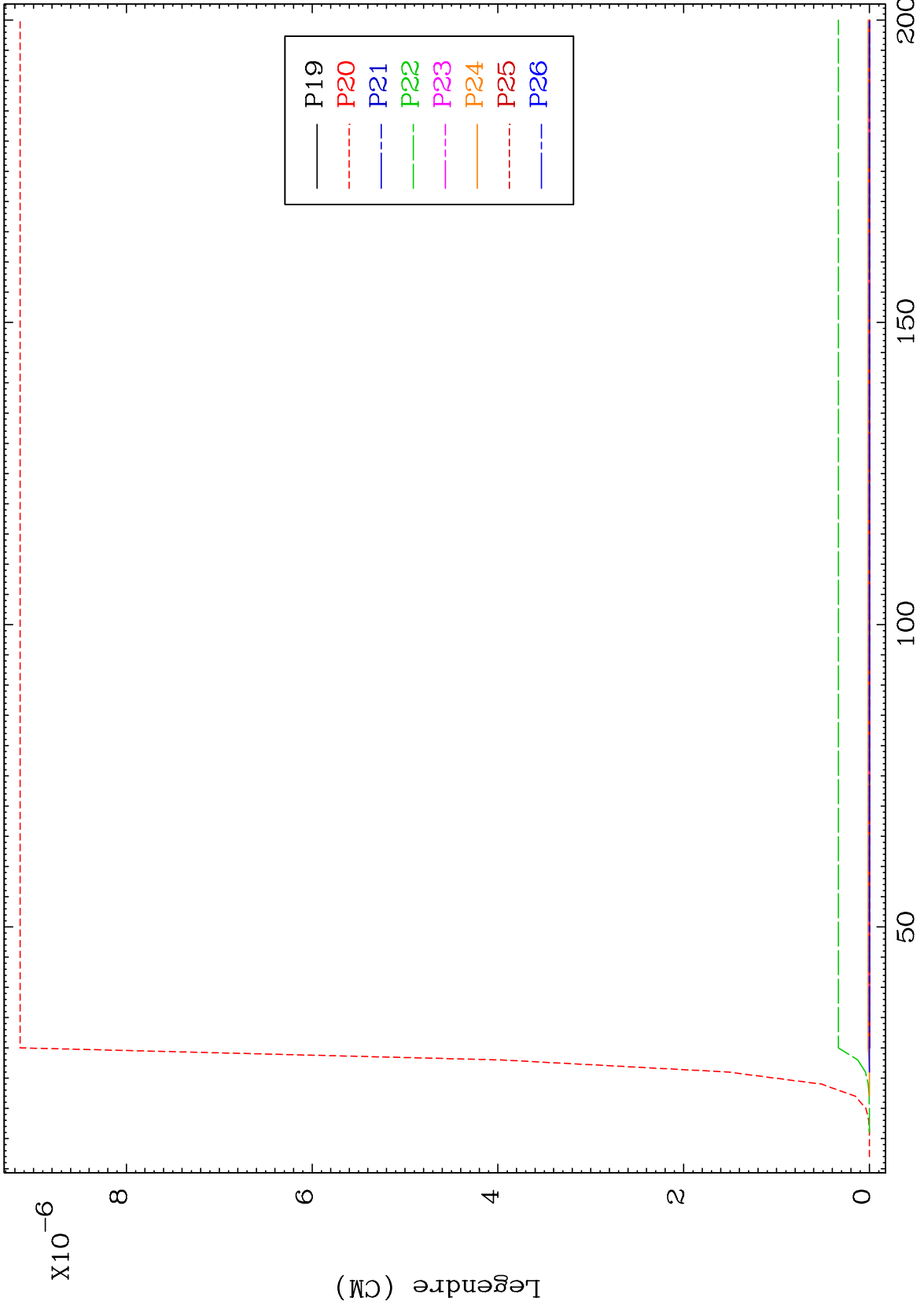
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



37

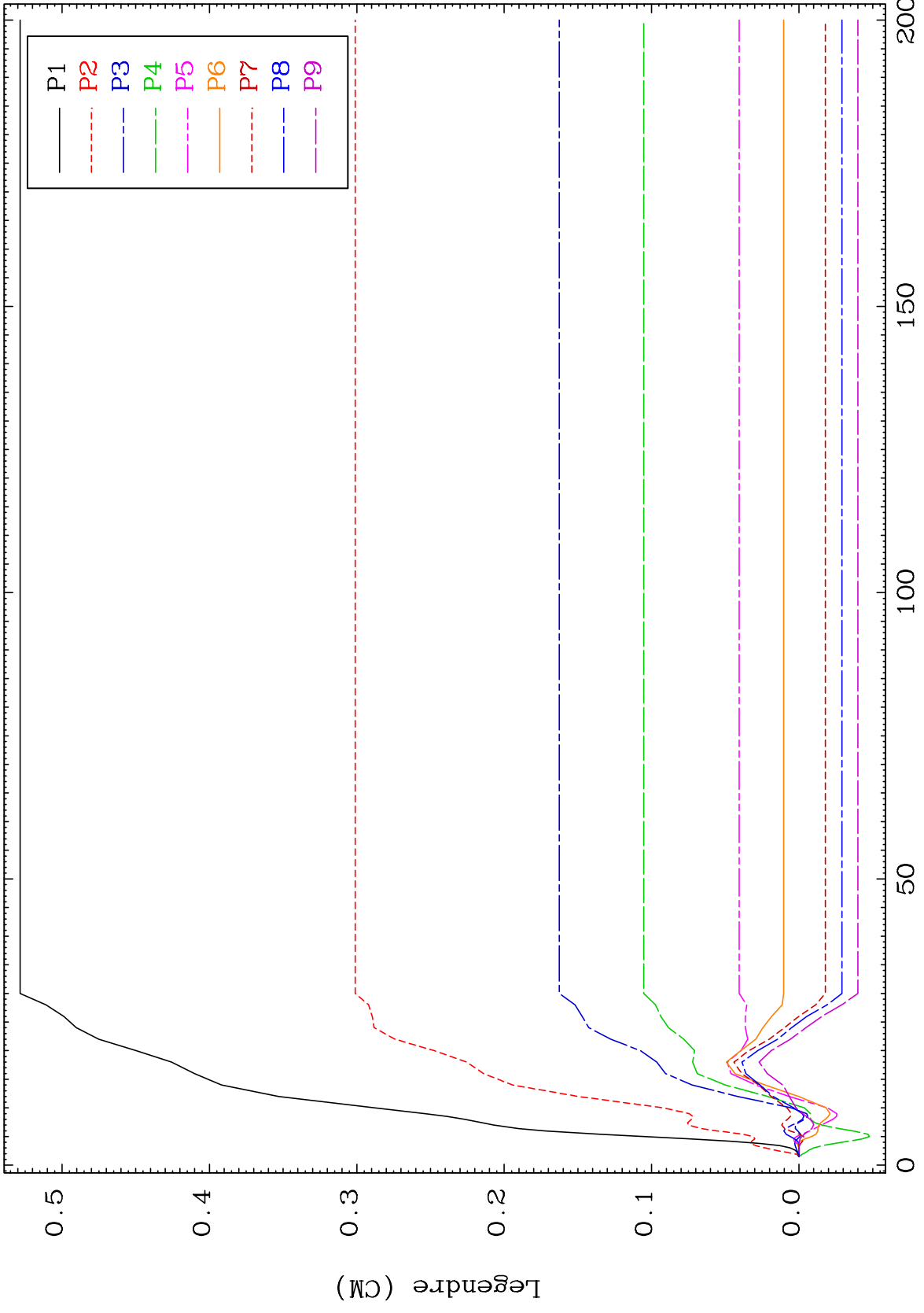
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



38

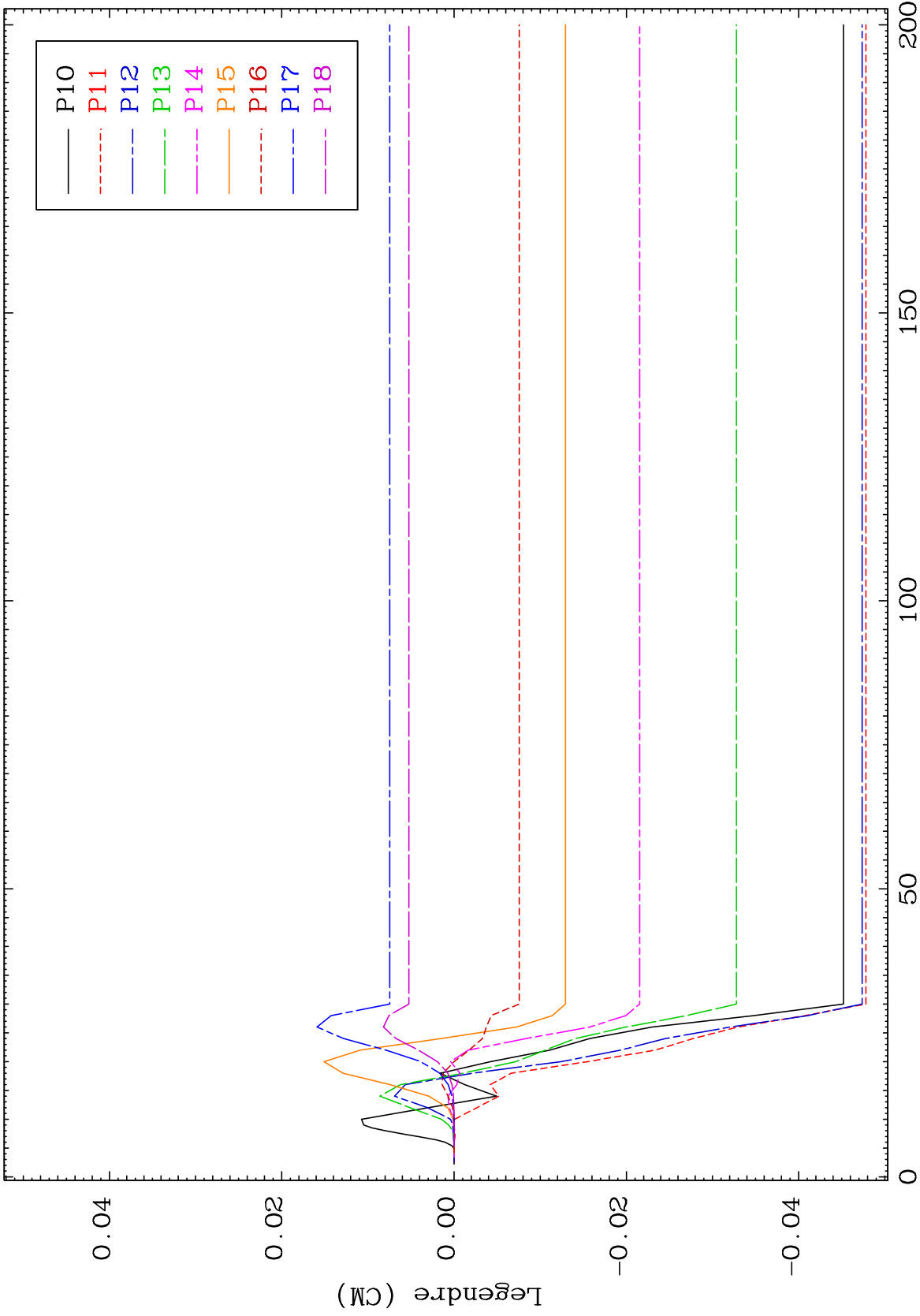
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



39

Incident Energy (MeV)

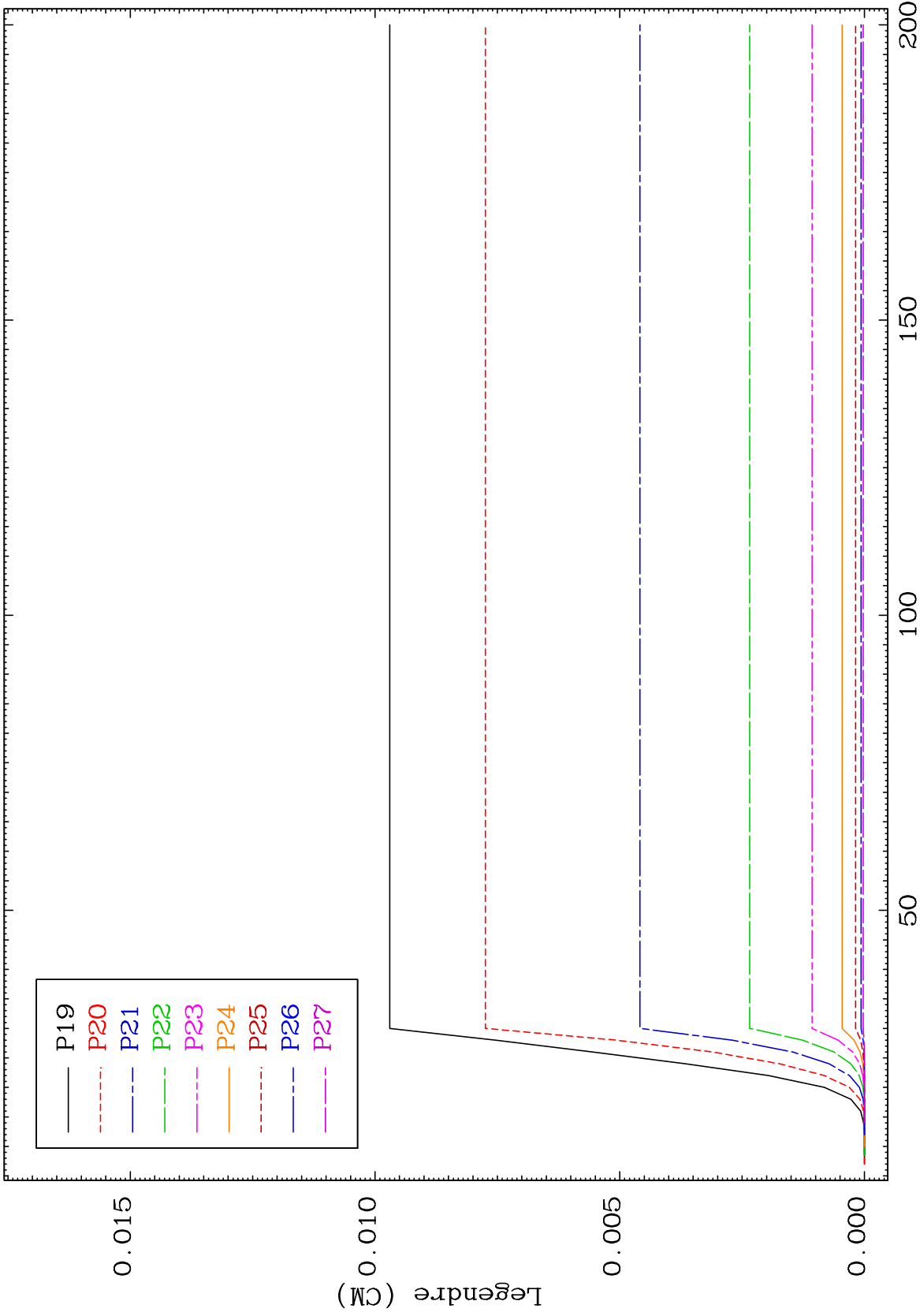
62-Sm-148



MAT 6237

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

62-Sm-148



40

50

100

150

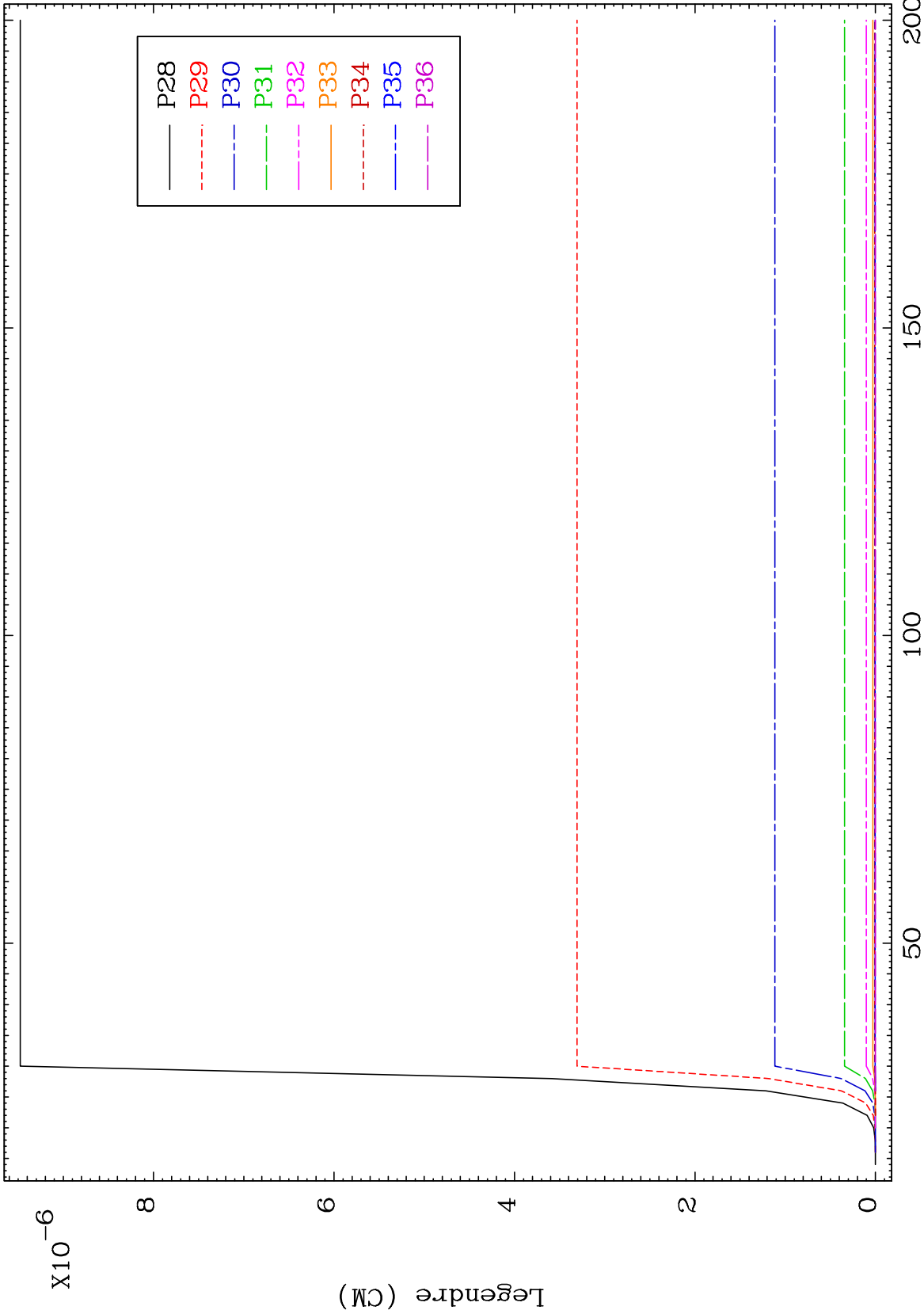
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62-Sm-148

MAT 6237

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

62-Sm-148



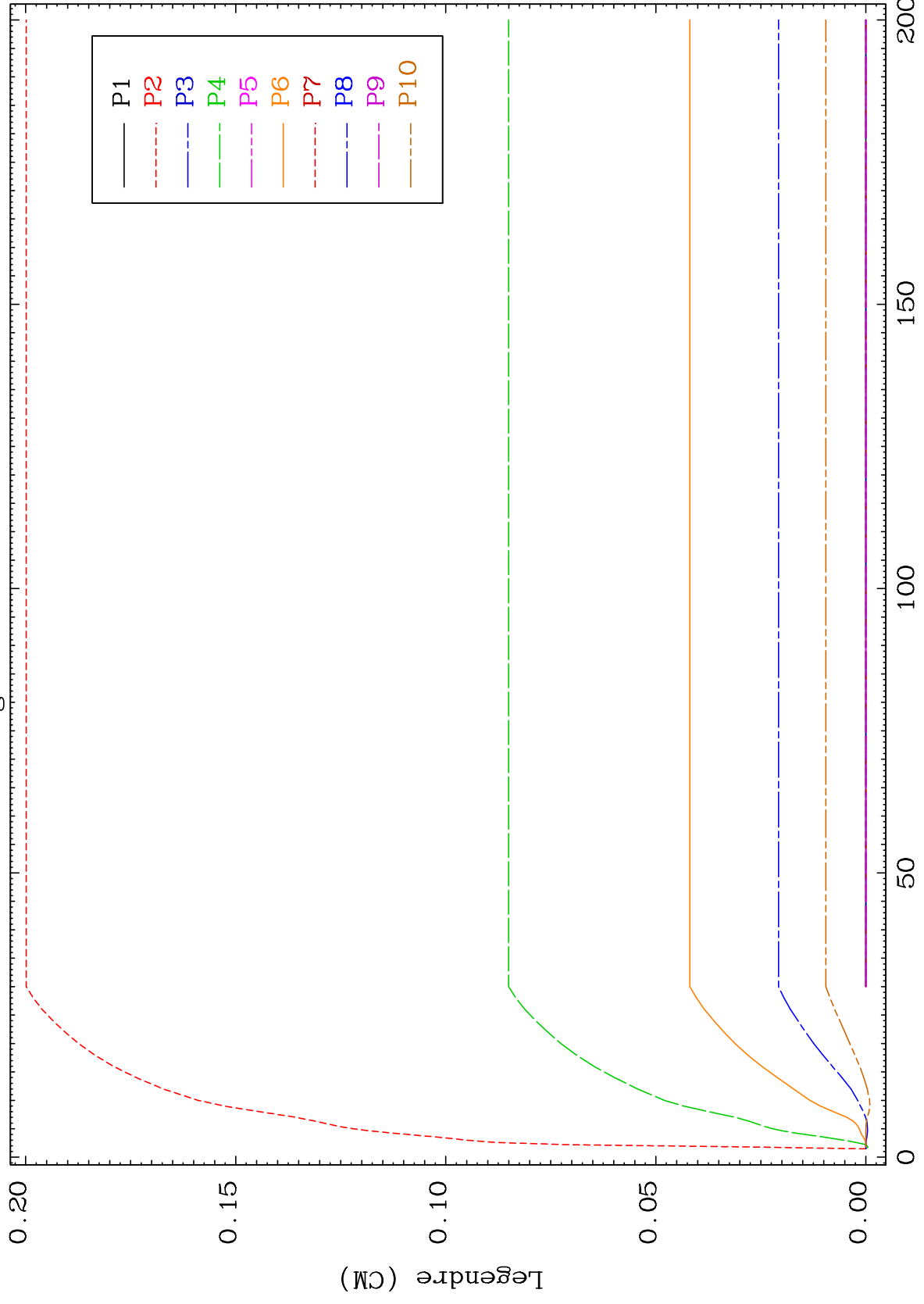
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62-Sm-148

MAT 6237

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

62-Sm-148



42

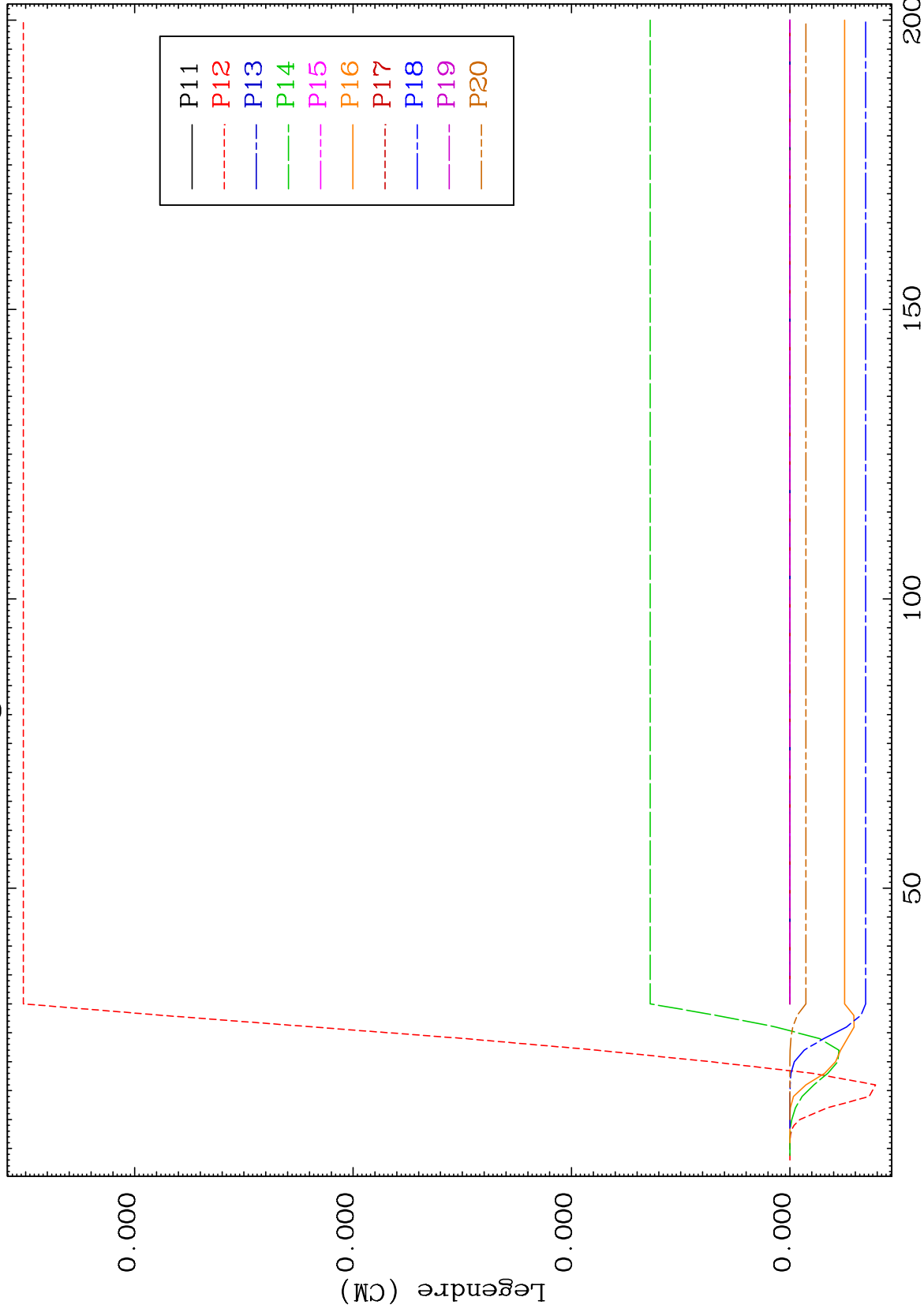
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



43

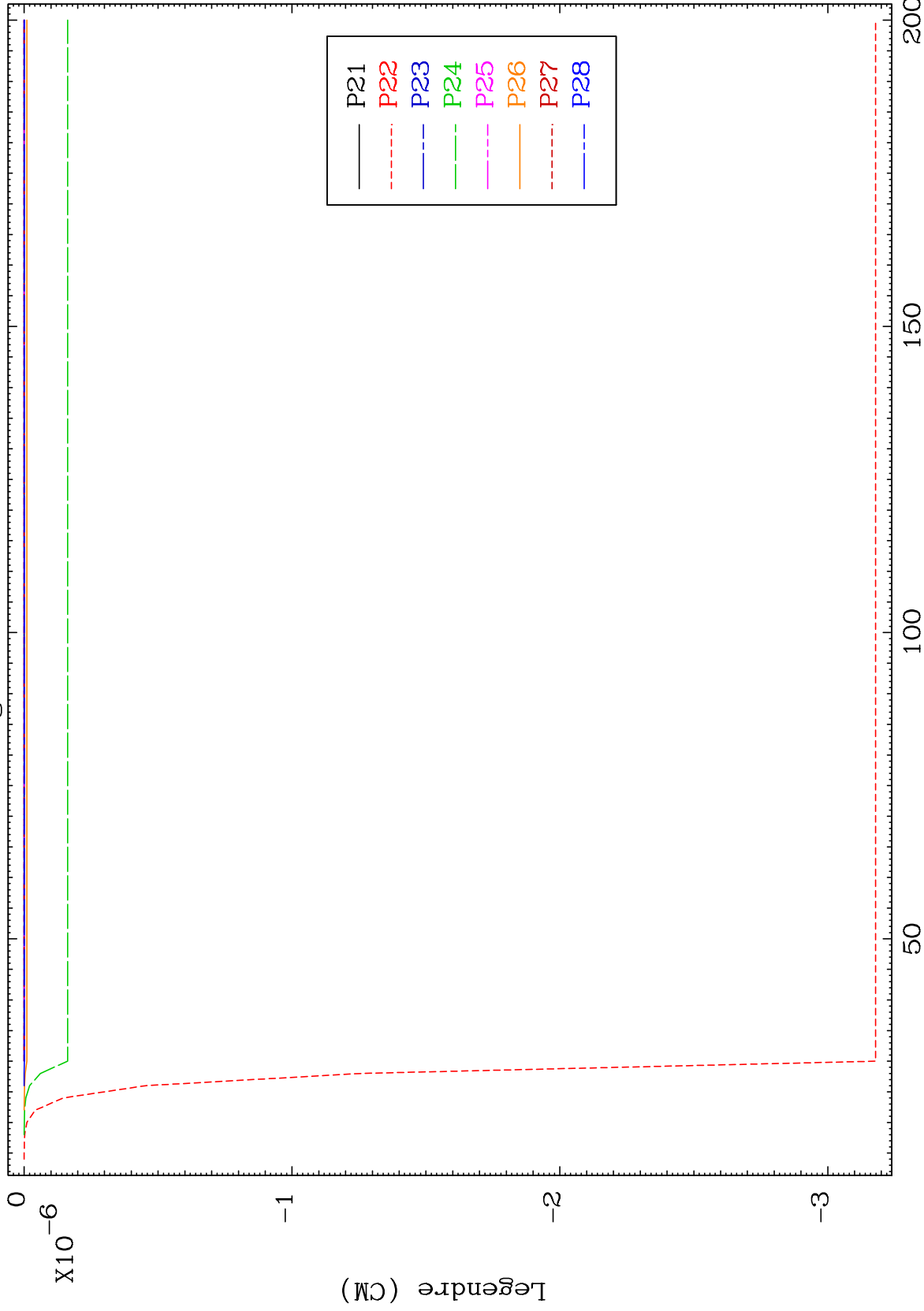
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



44

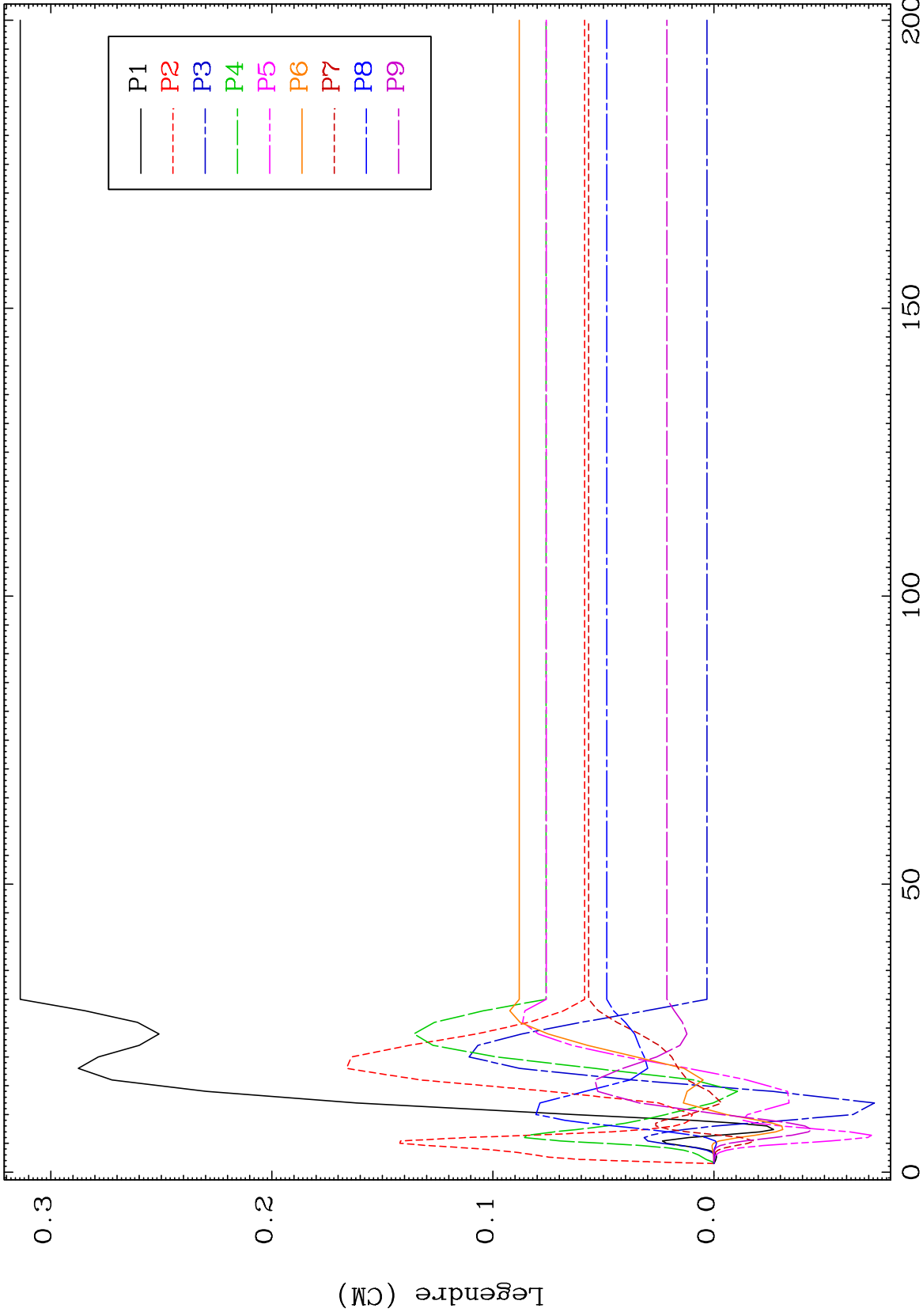
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



45

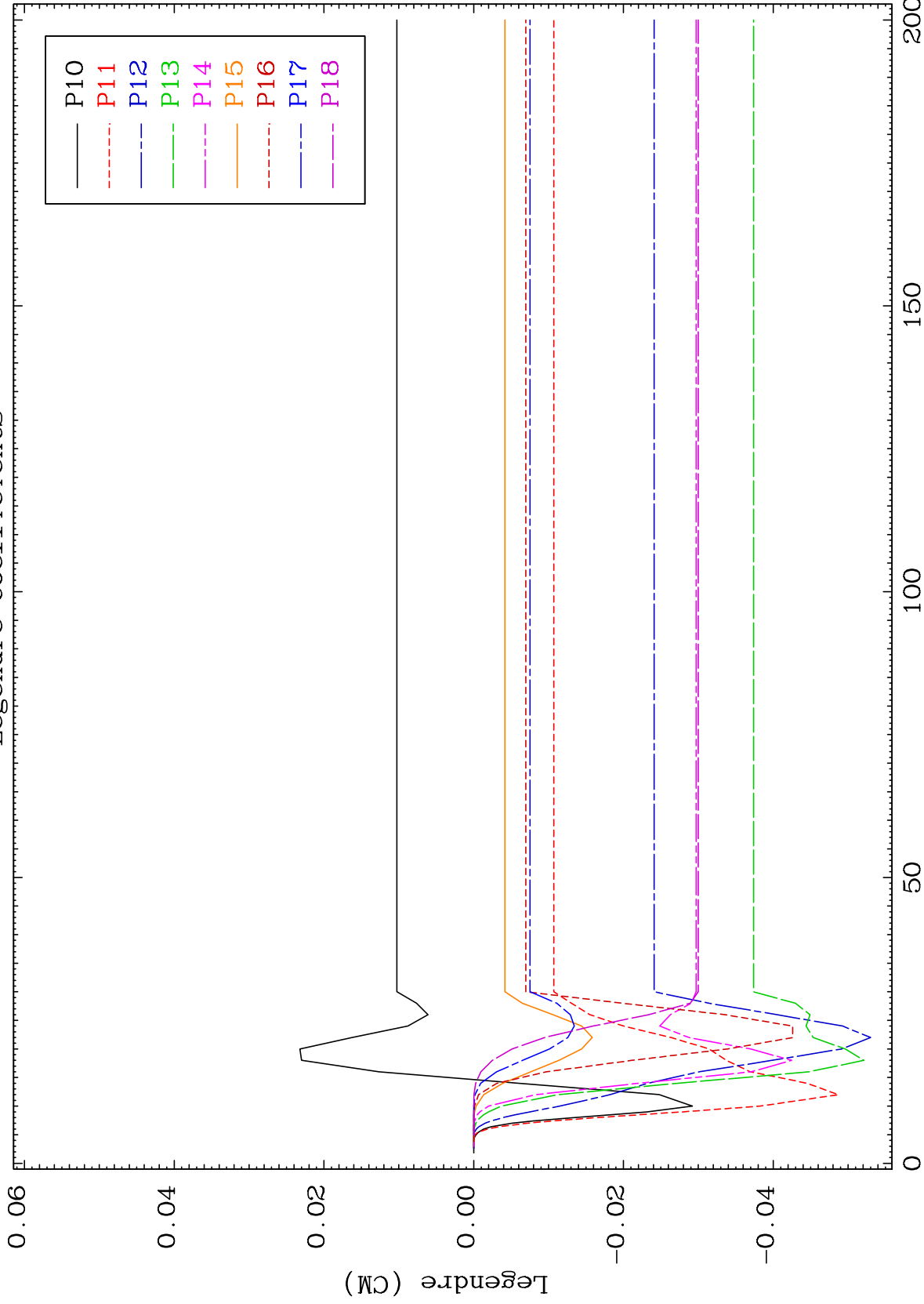
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



46

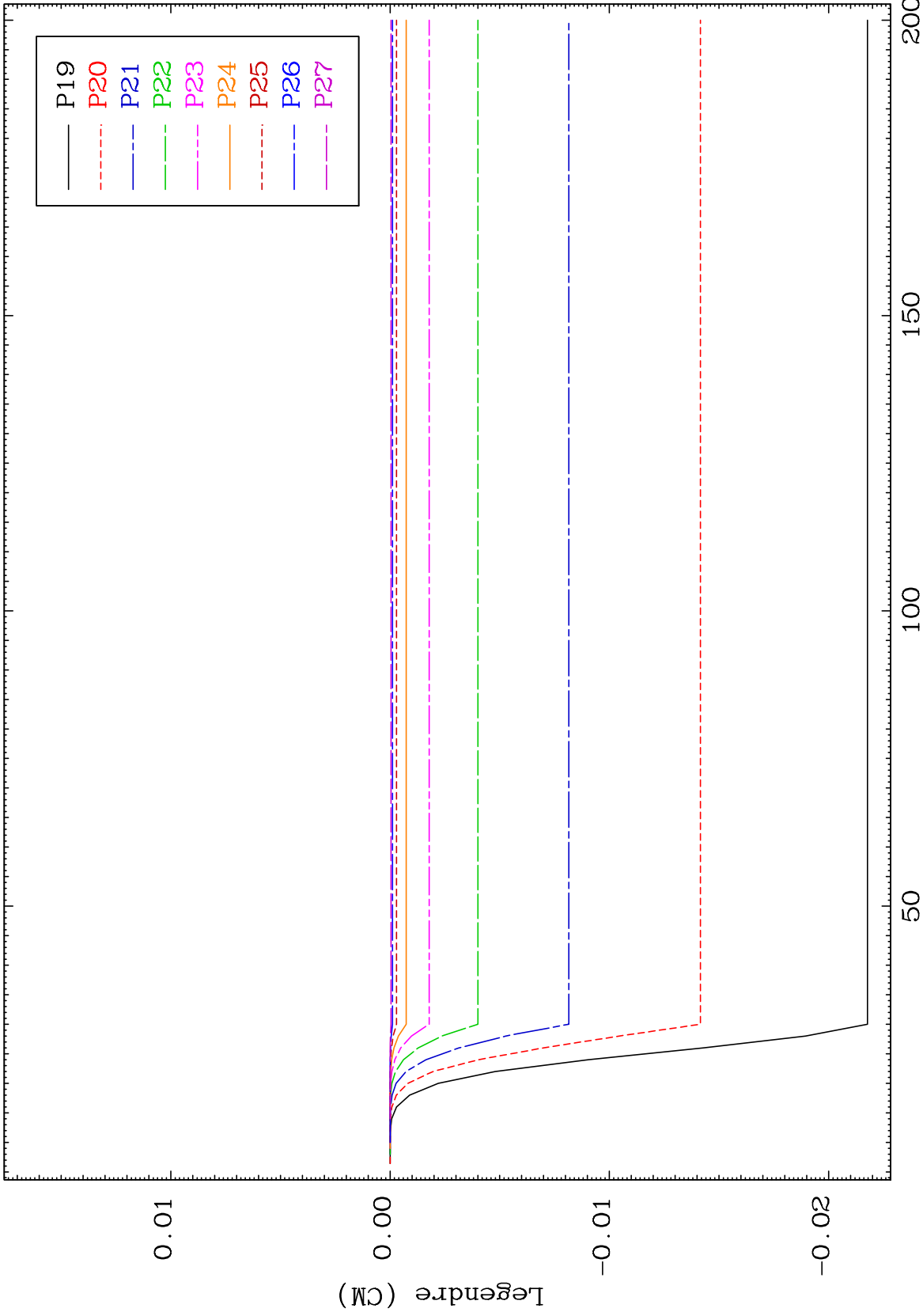
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



47

Incident Energy (MeV)

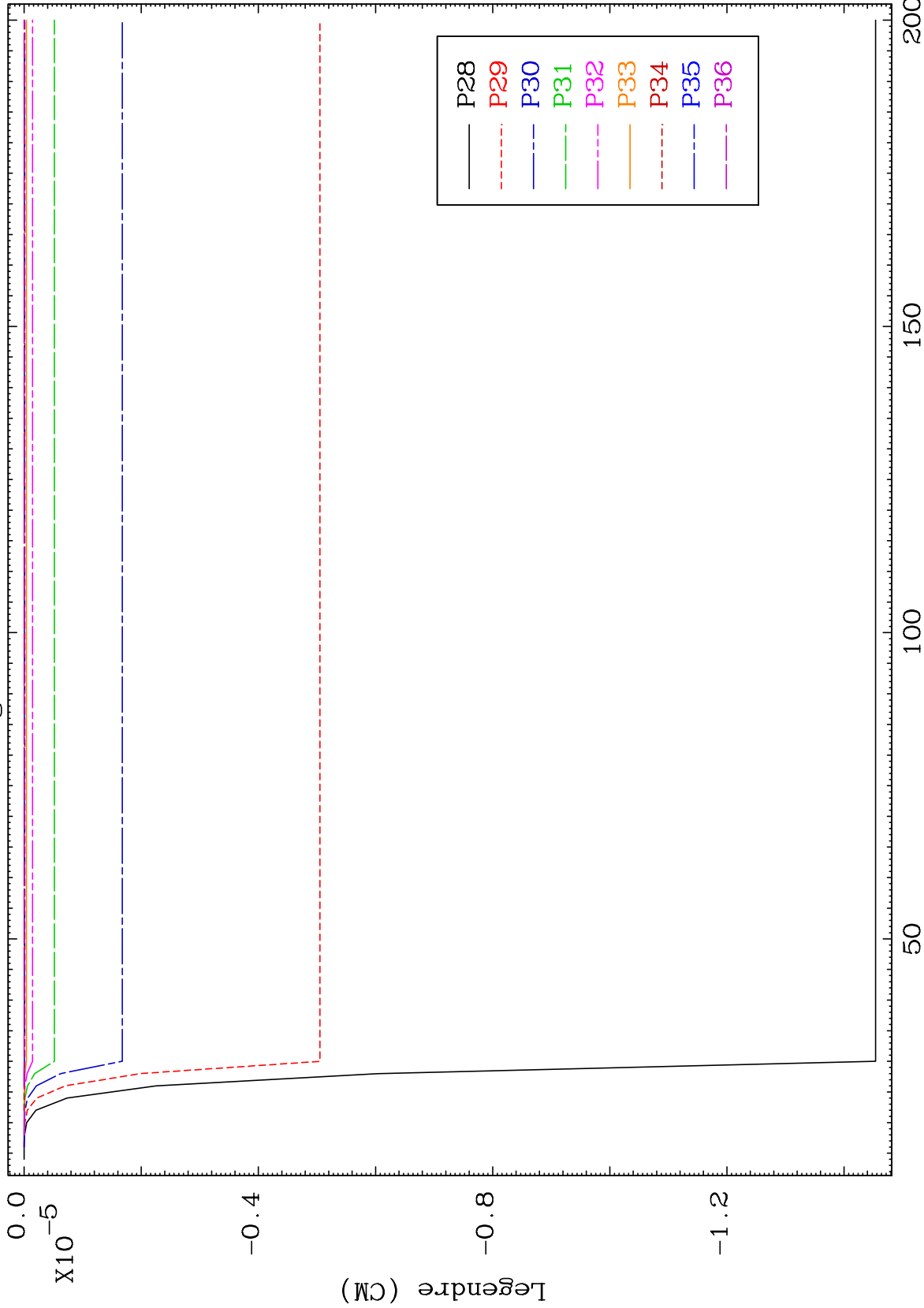
62-Sm-148



MAT 6237

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

62-Sm-148



48

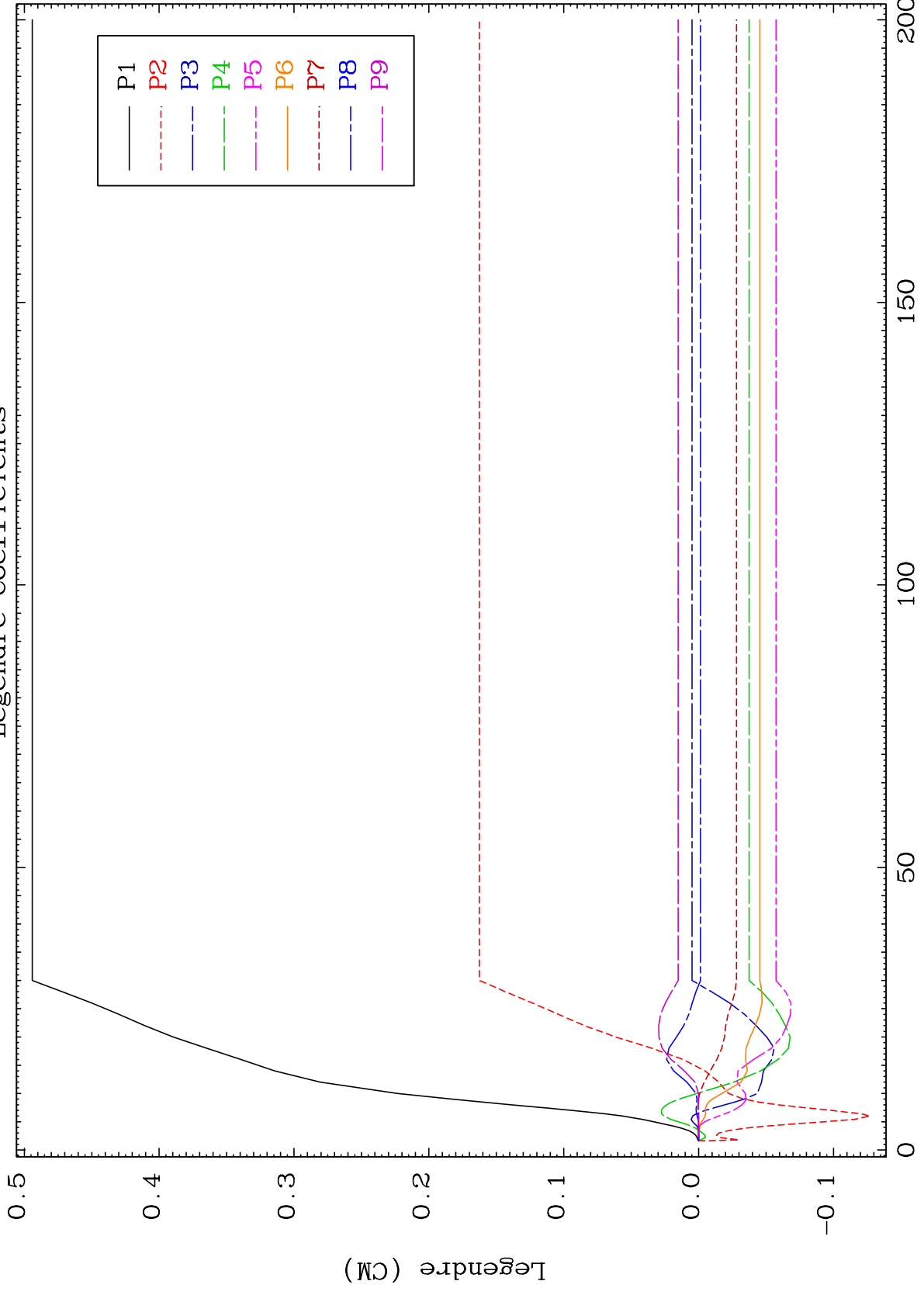
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



49

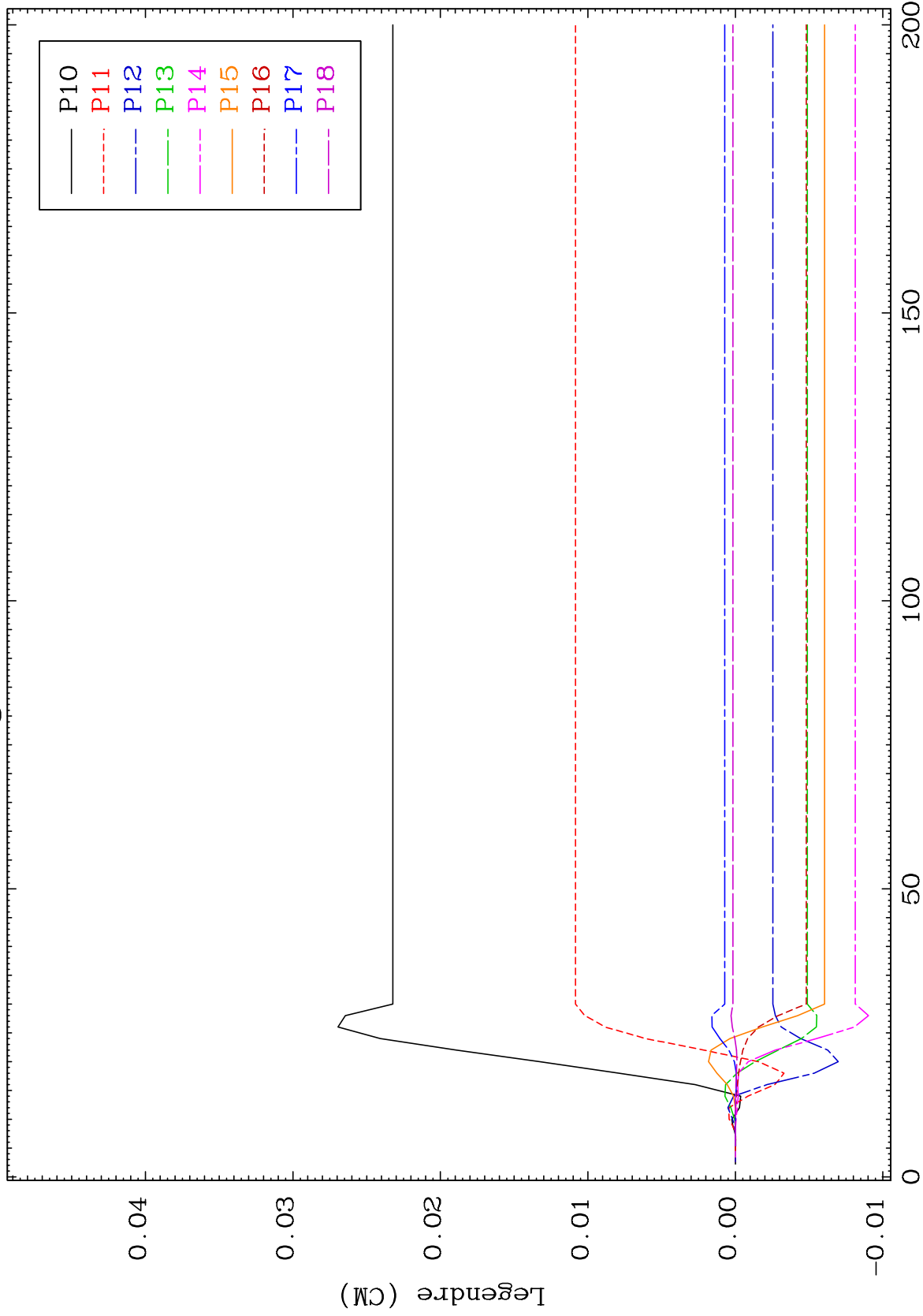
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



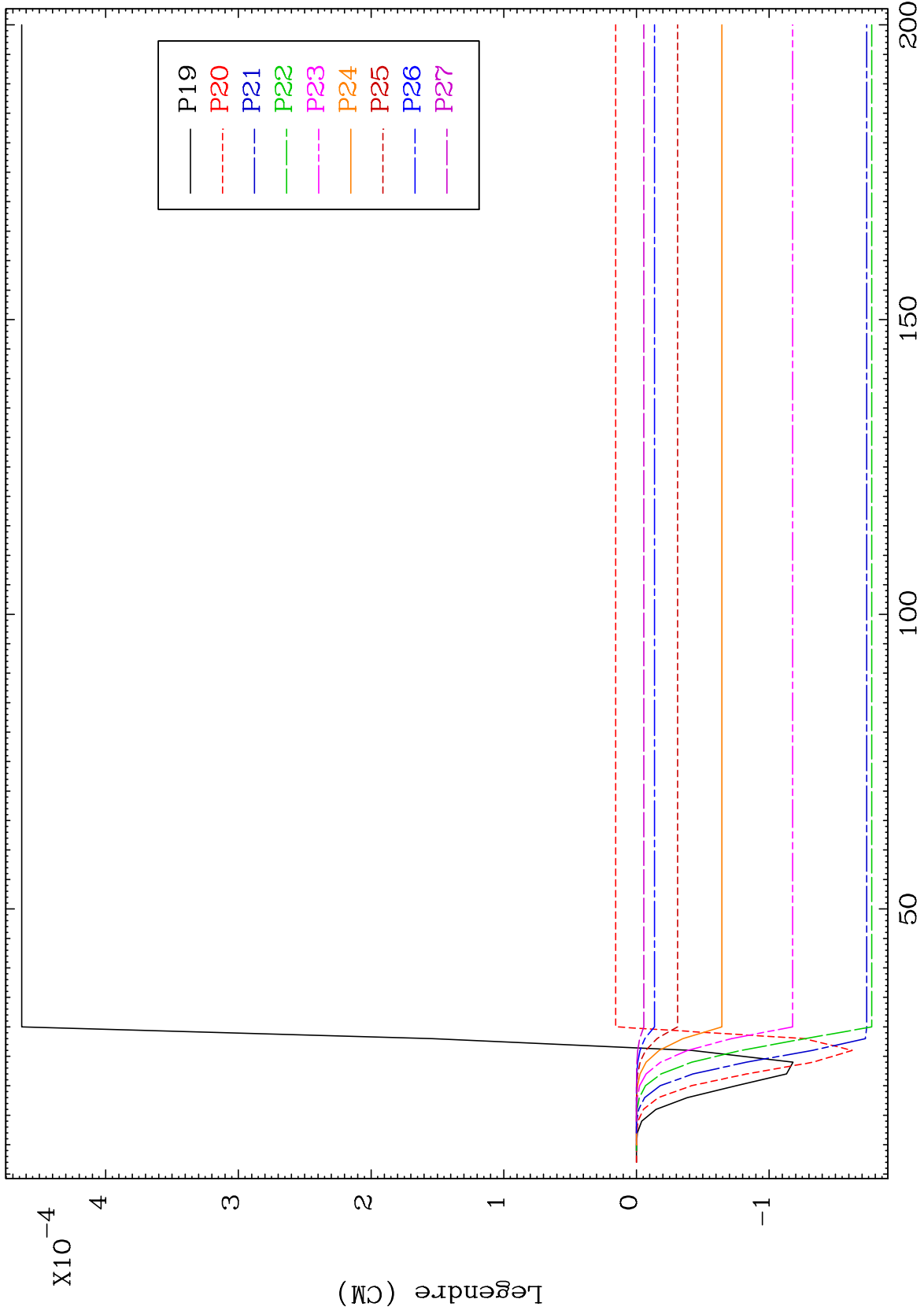
62-Sm-148

Incident Energy (MeV)

MAT 6237

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

62-Sm-148



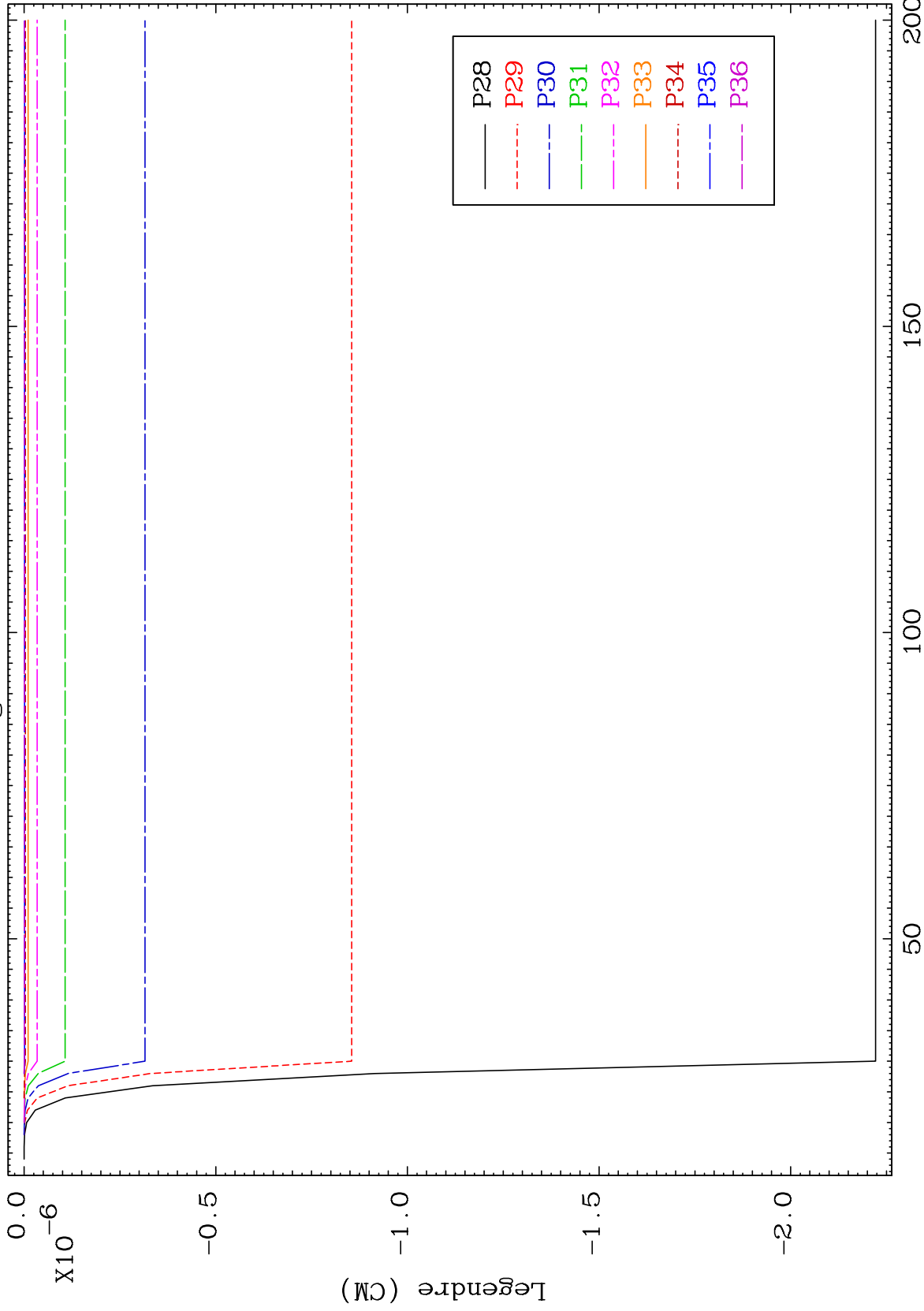
51

62-Sm-148

MAT 6237

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

62-Sm-148



62-Sm-148

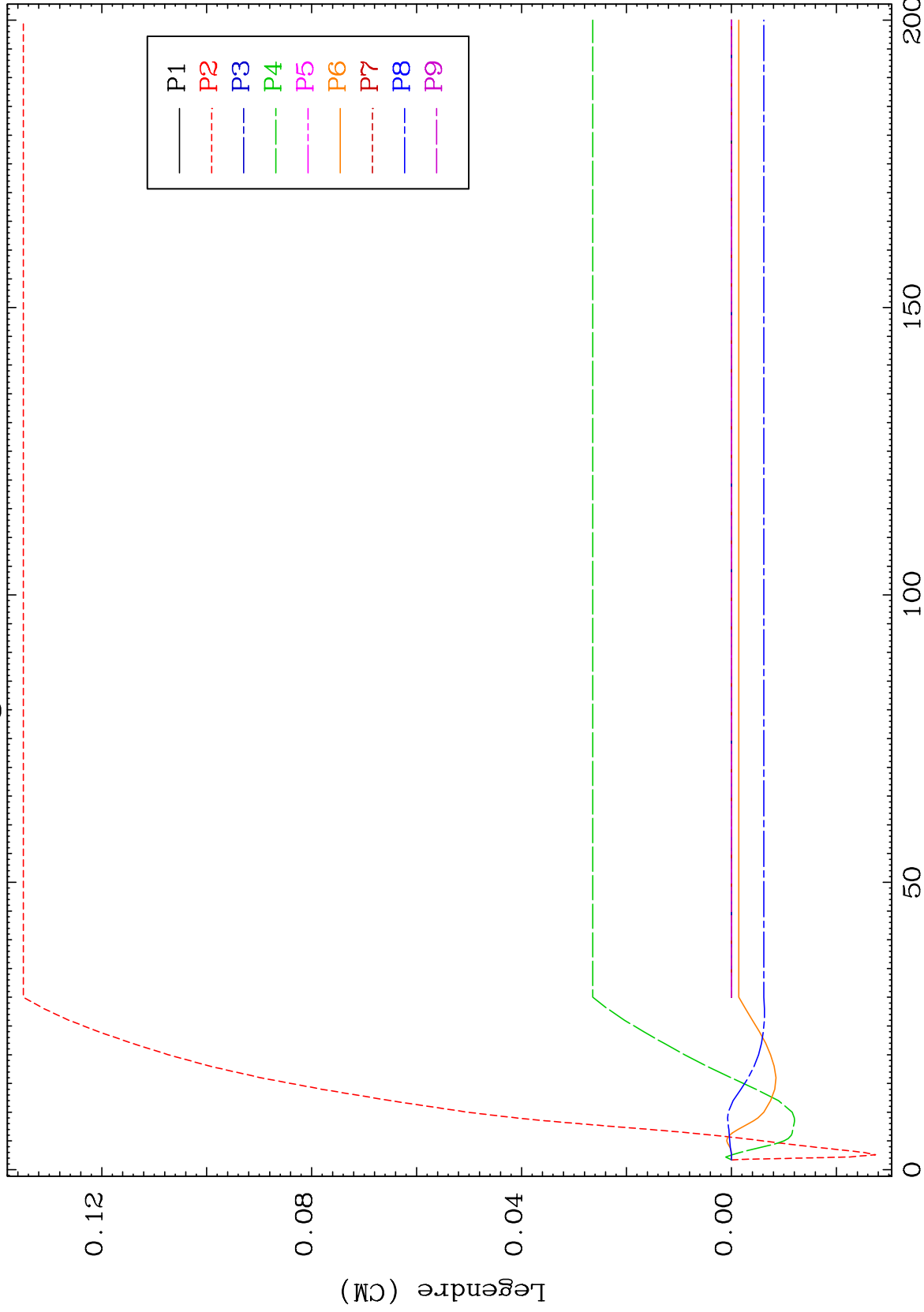
Incident Energy (MeV)

52

MAT 6237

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

62-Sm-148



53

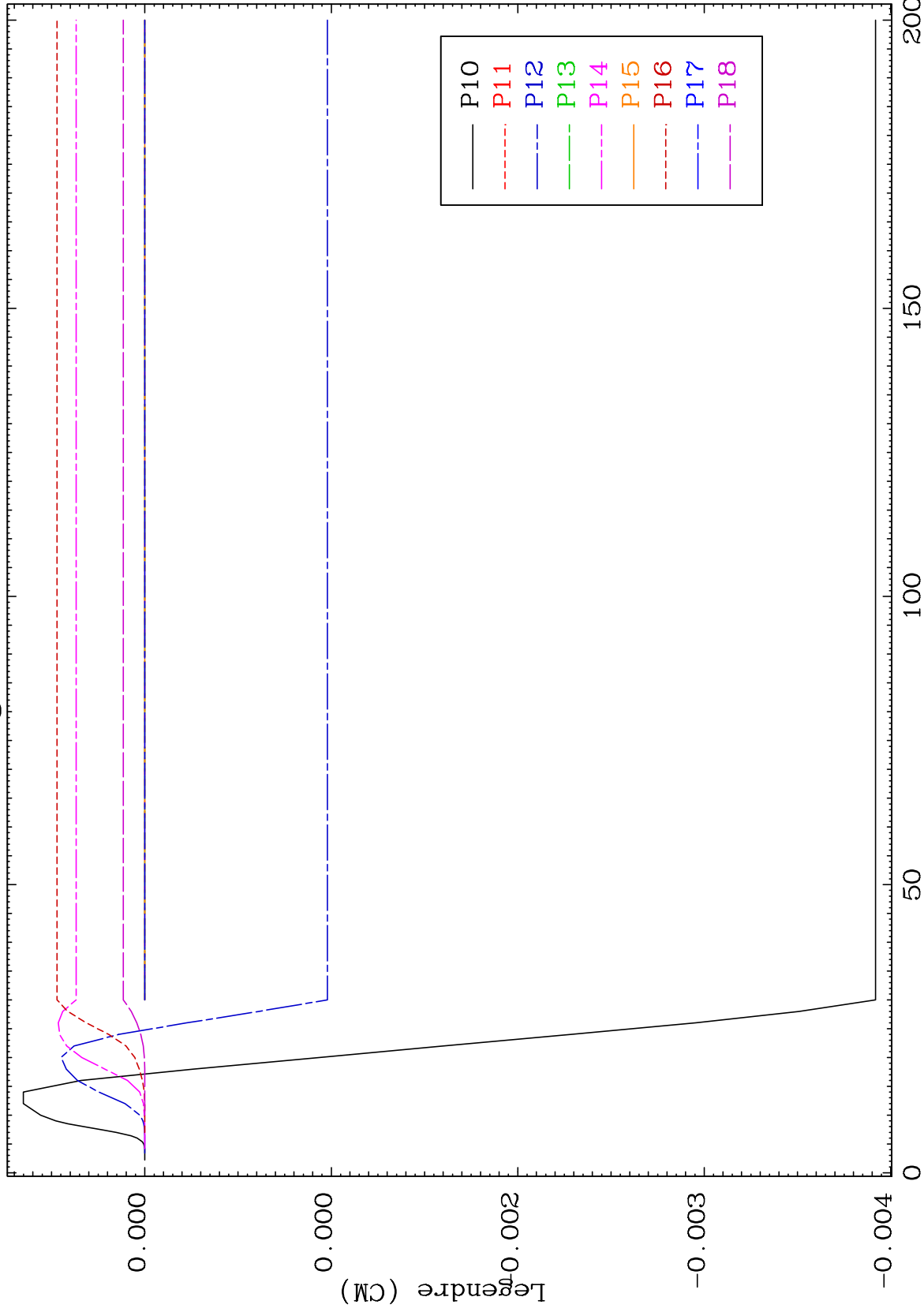
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



54

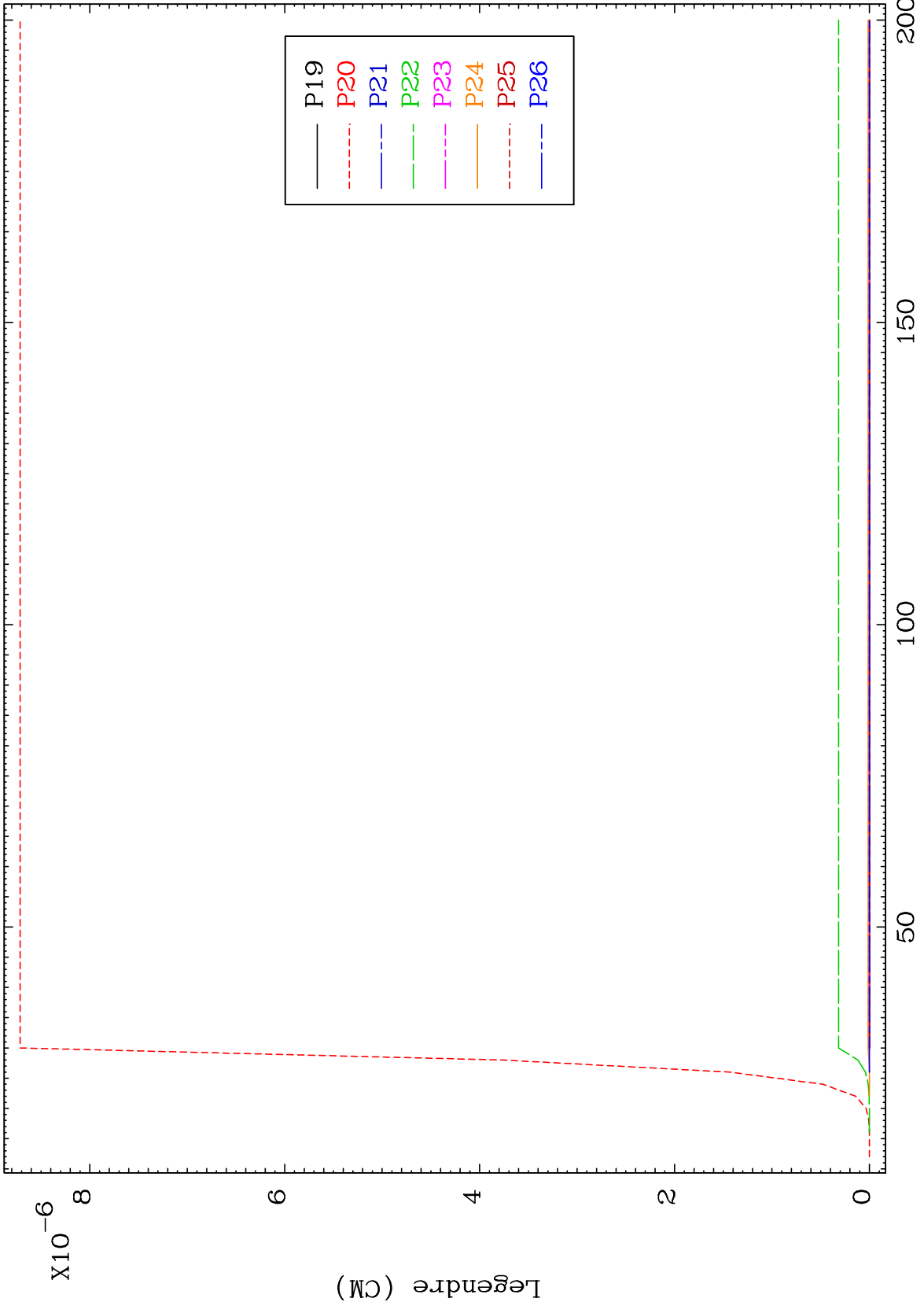
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



55

Incident Energy (MeV)

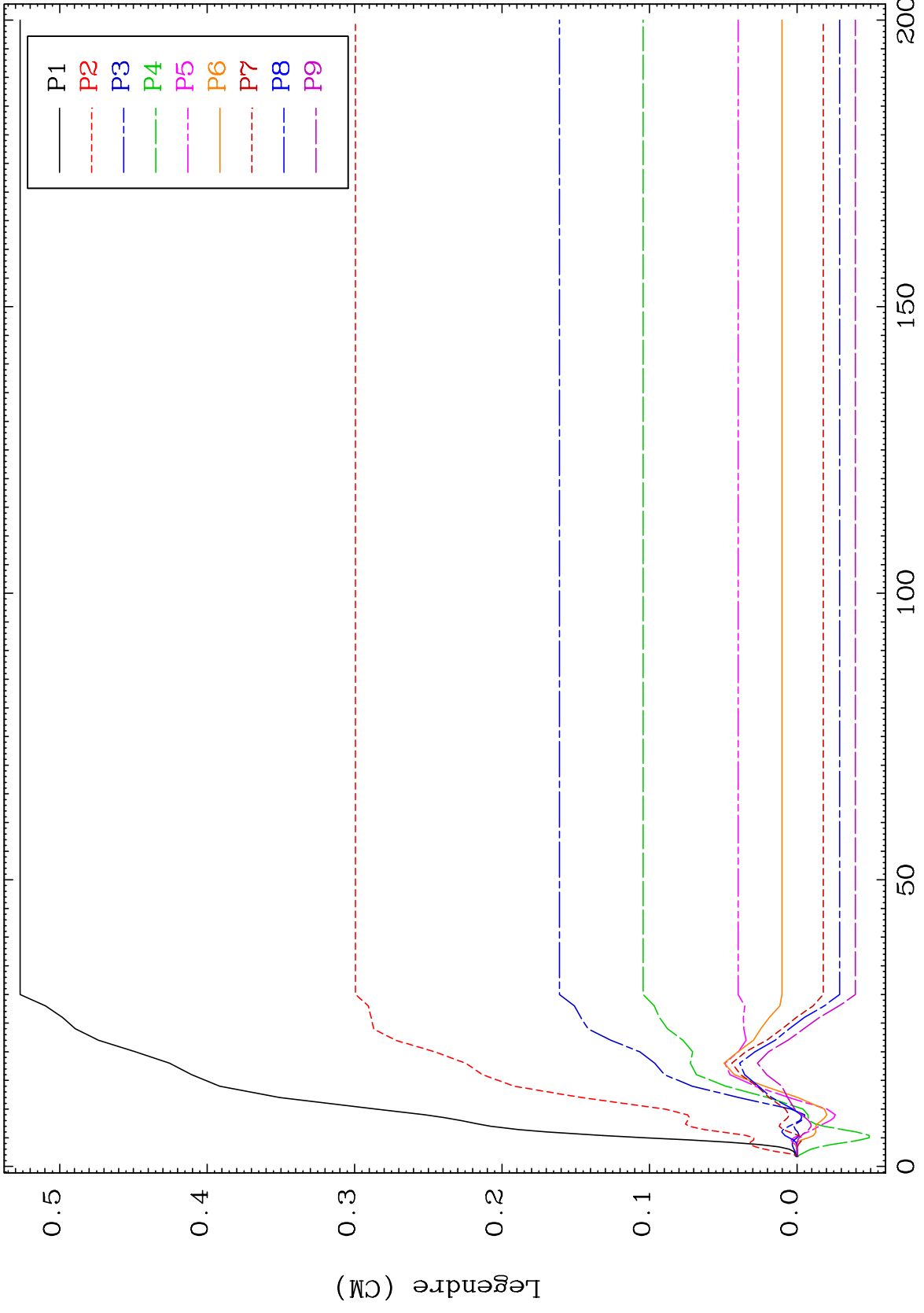
62-Sm-148



MAT 6237

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

62-Sm-148



56

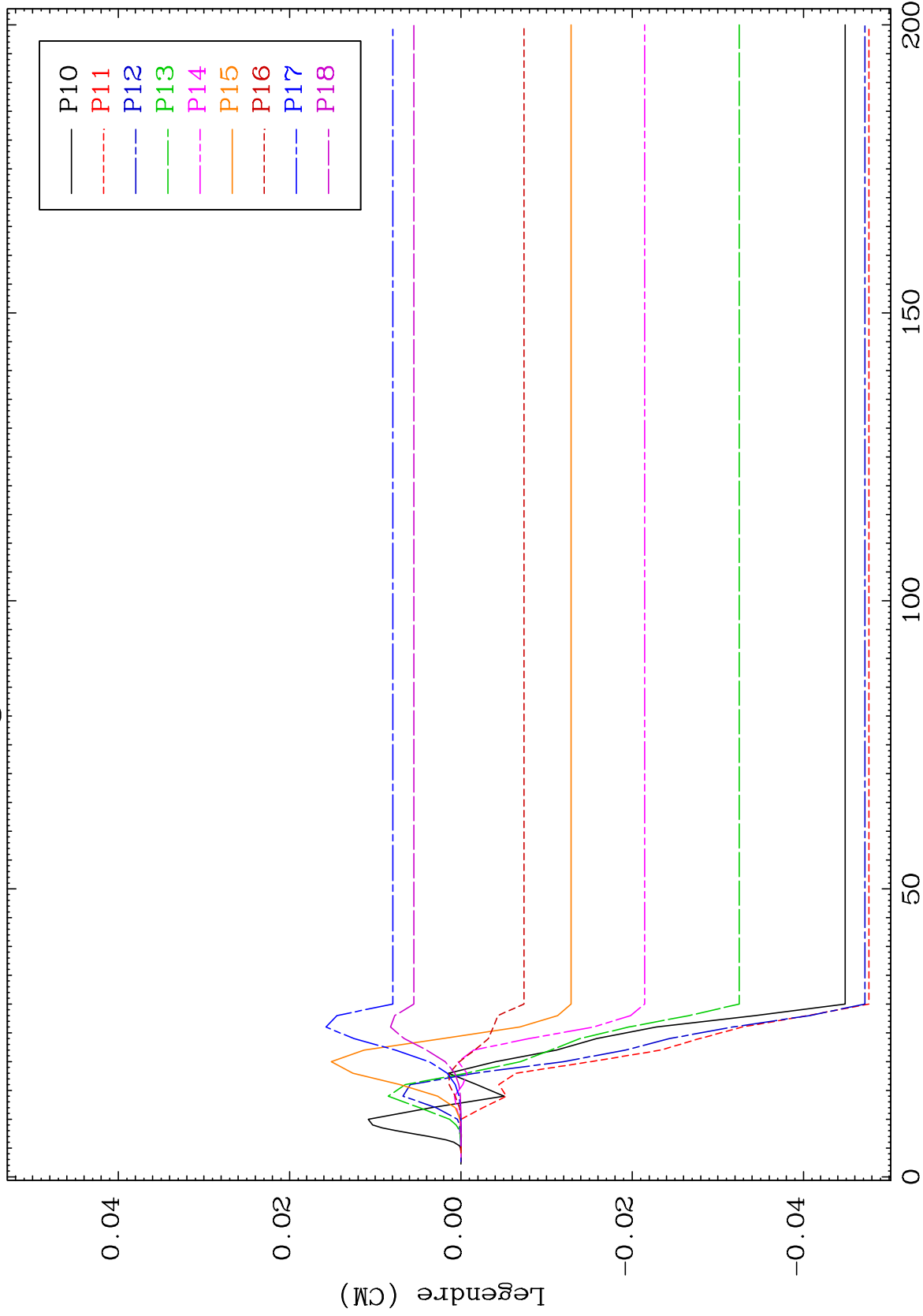
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



57

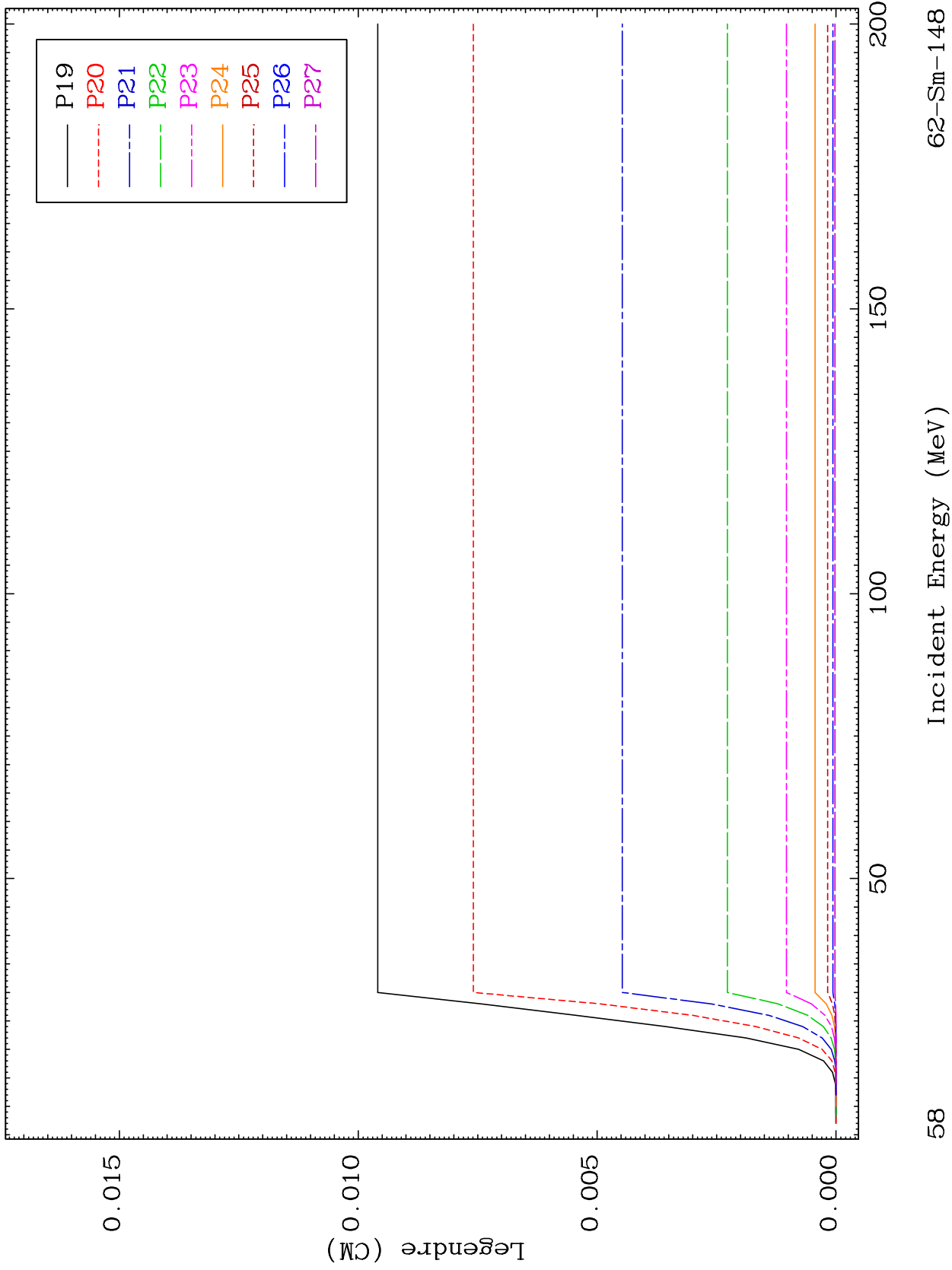
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



58

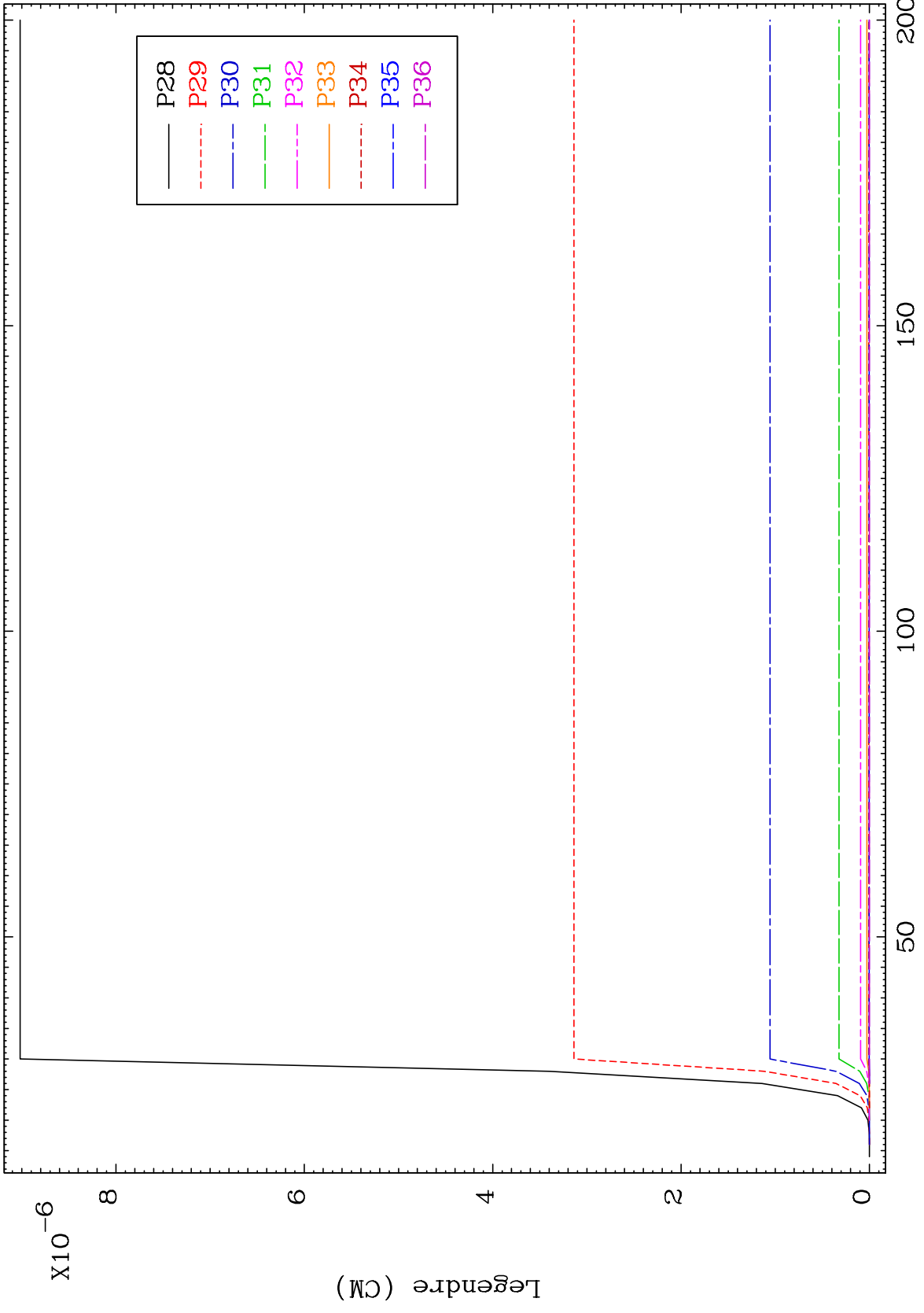
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



59

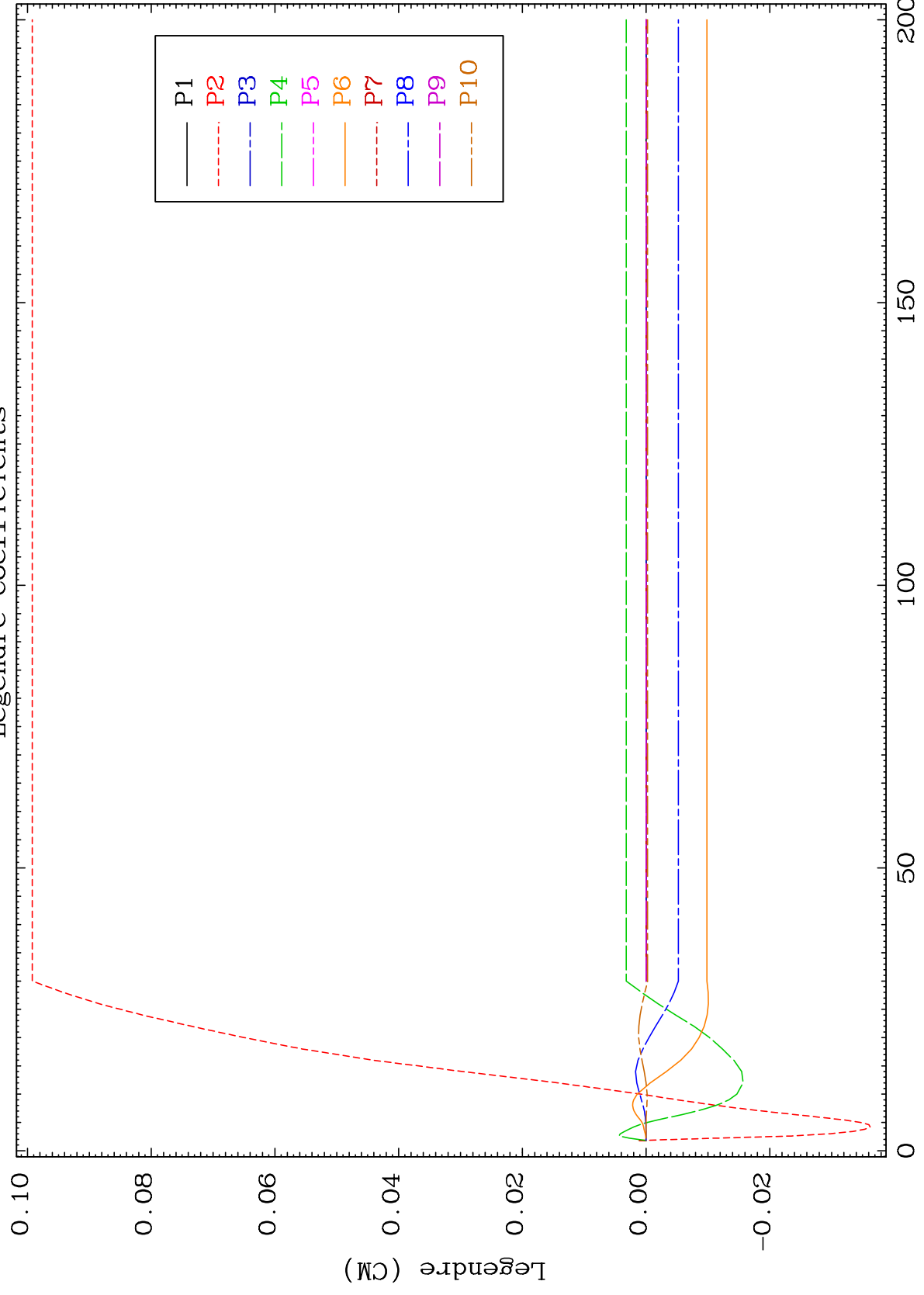
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



62-Sm-148

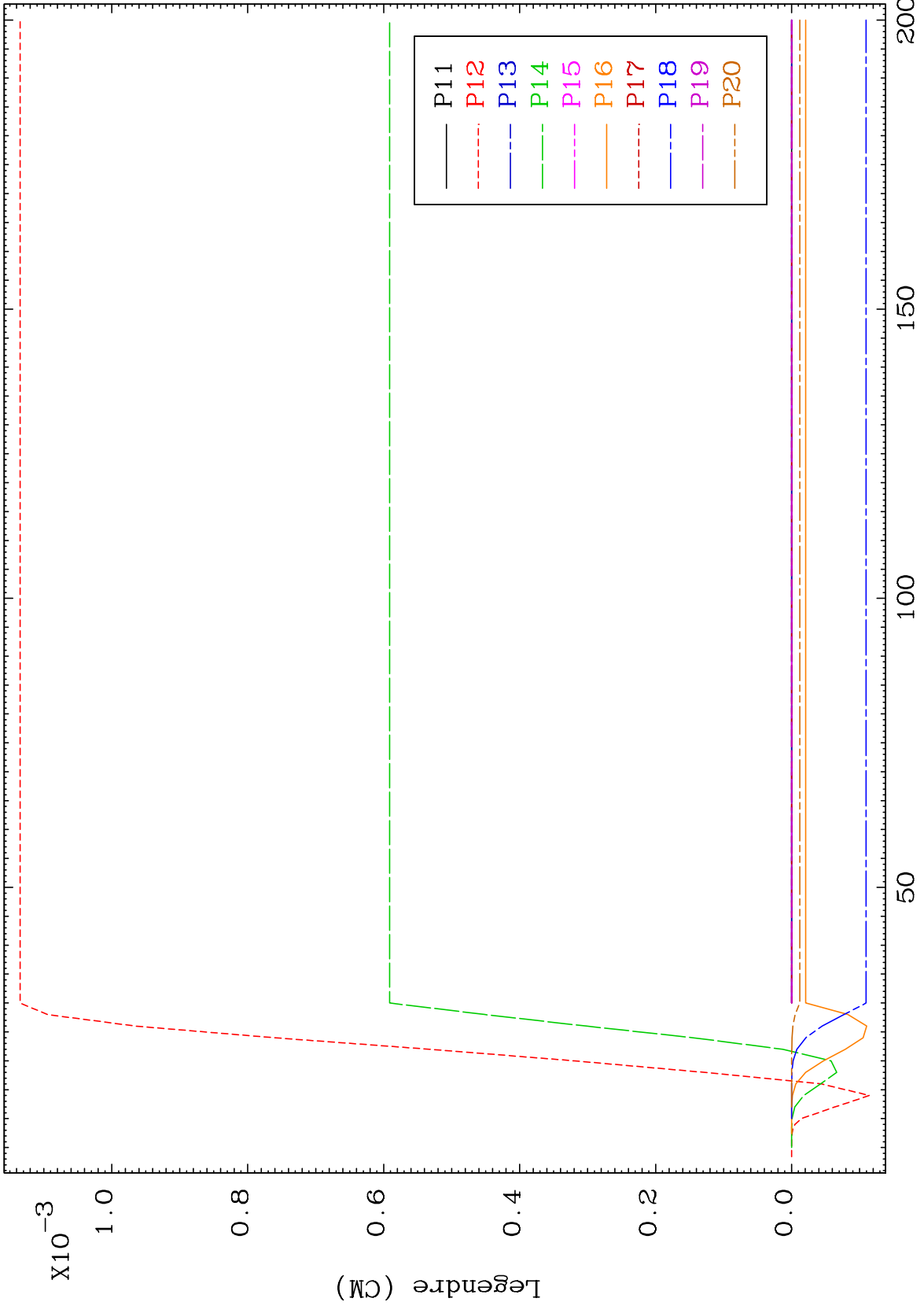
Incident Energy (MeV)

60

MAT 6237

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

62-Sm-148



61

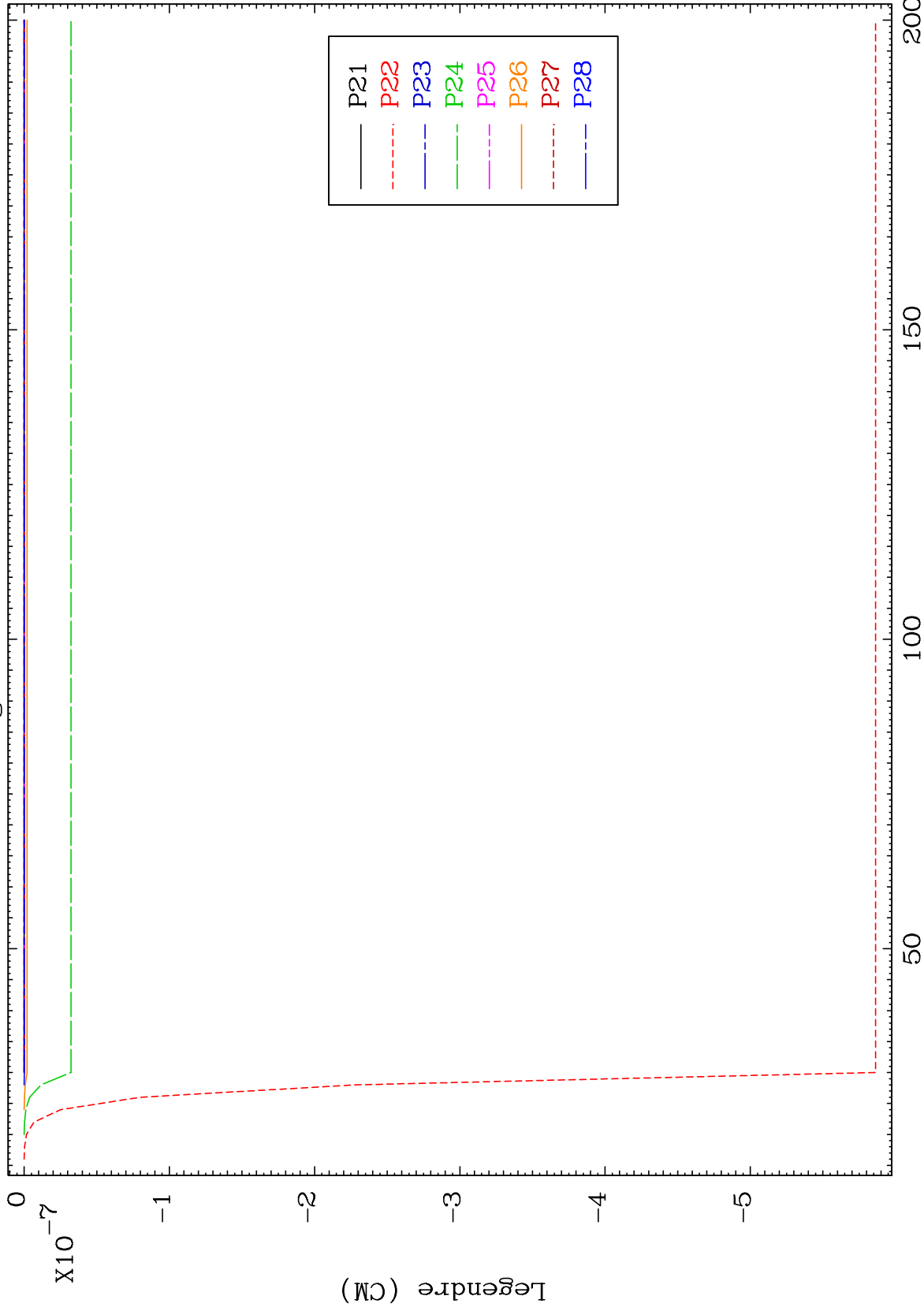
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



62

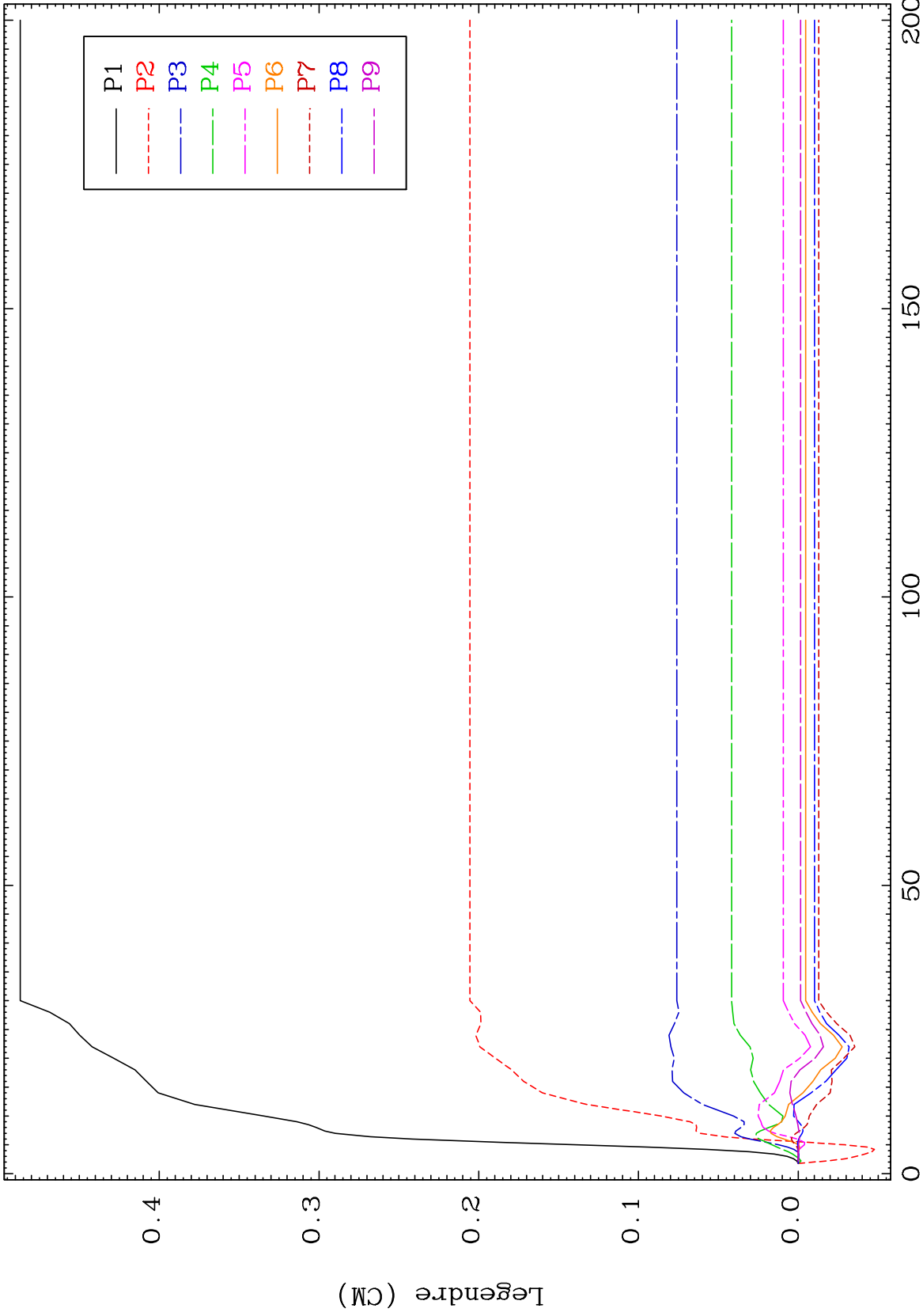
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



63

Incident Energy (MeV)

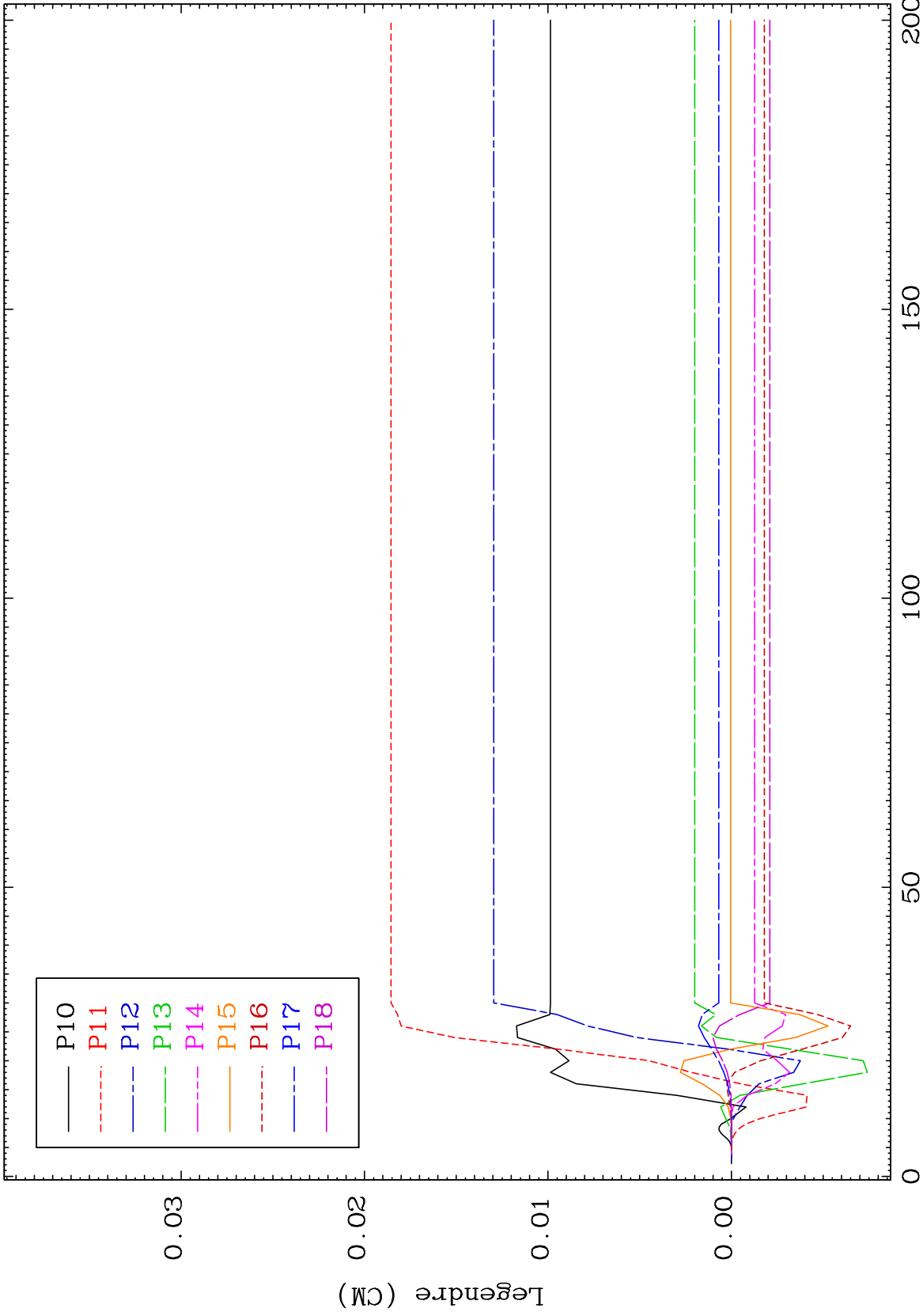
62-Sm-148



MAT 6237

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

62-Sm-148



64

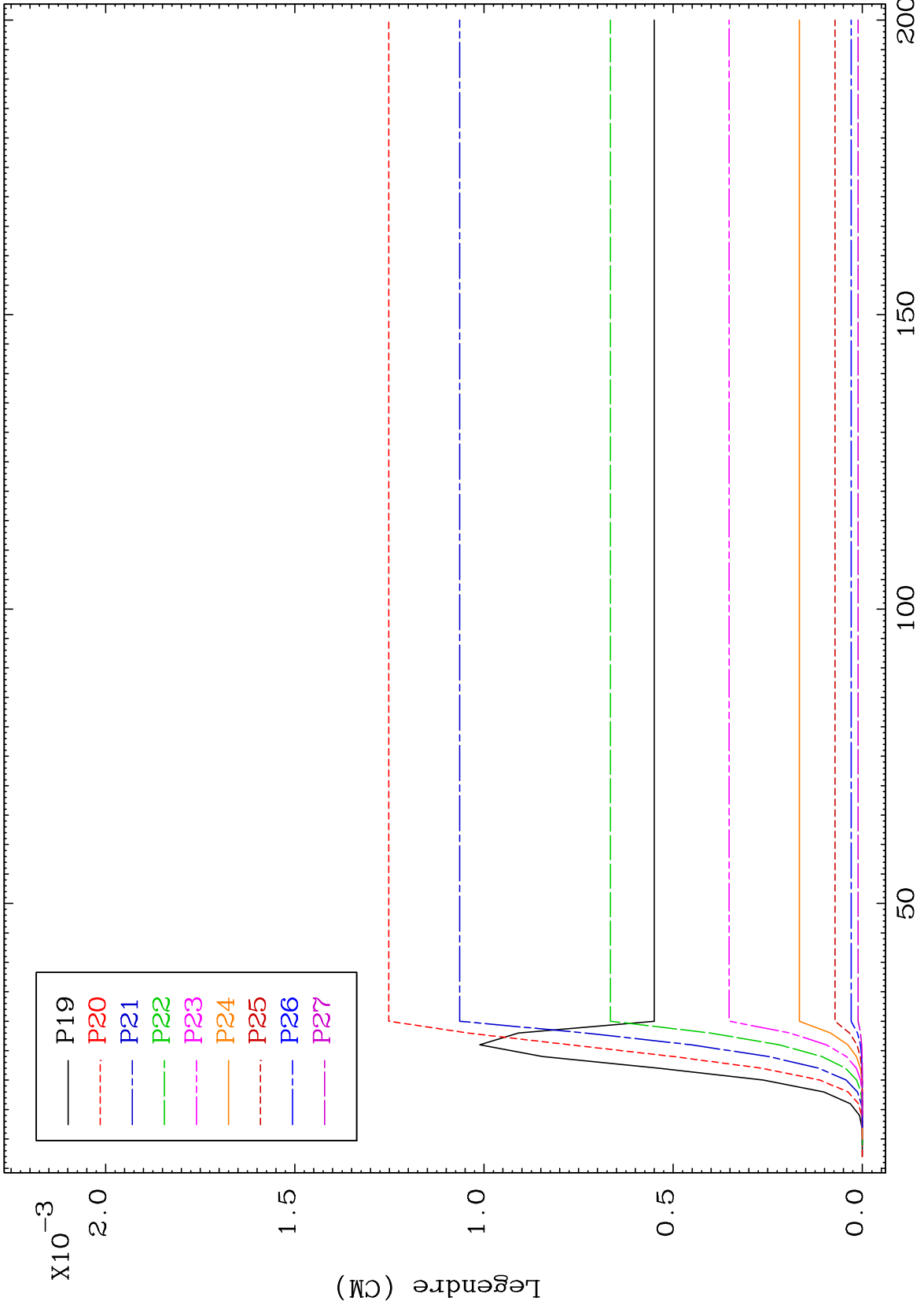
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



65

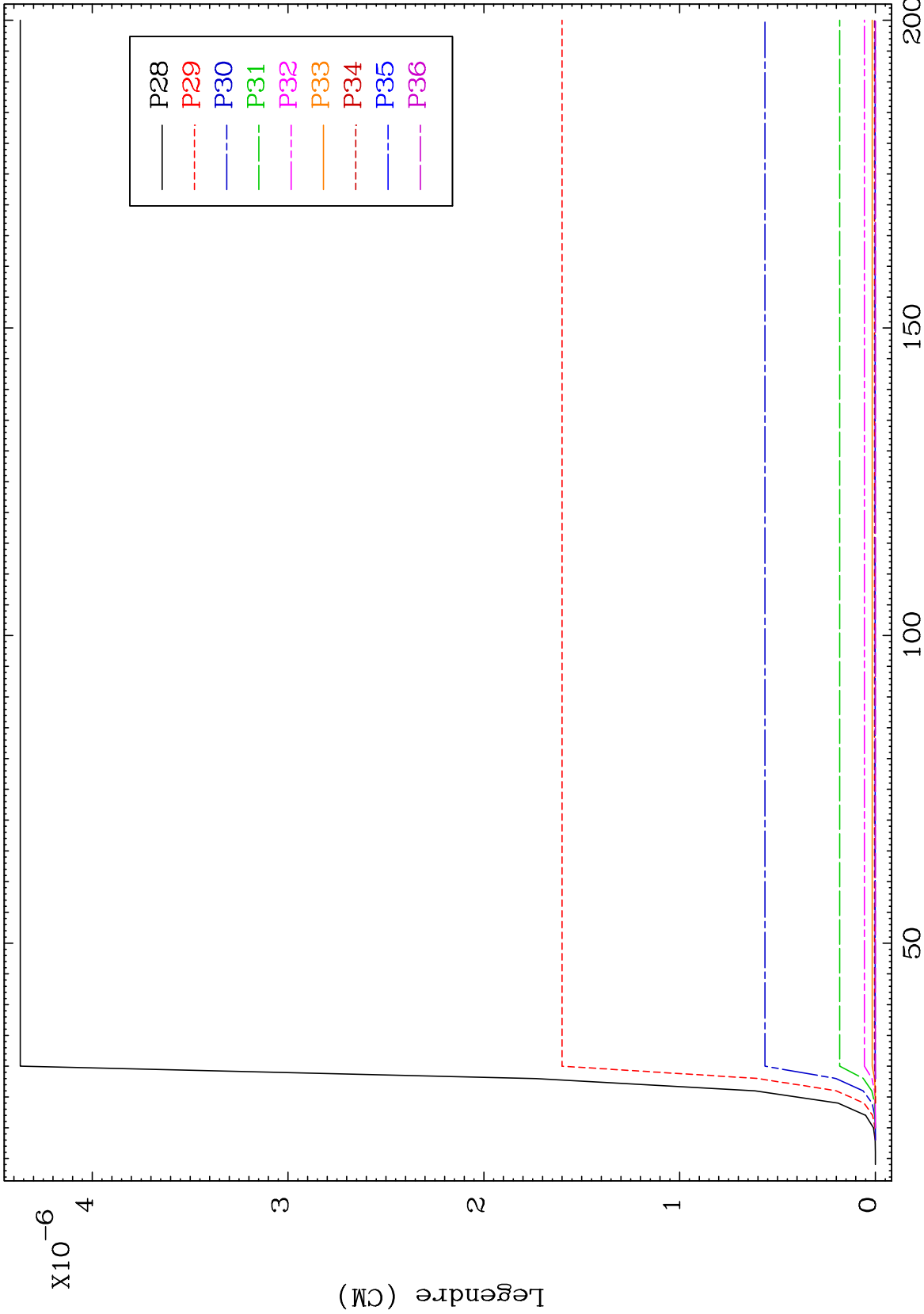
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



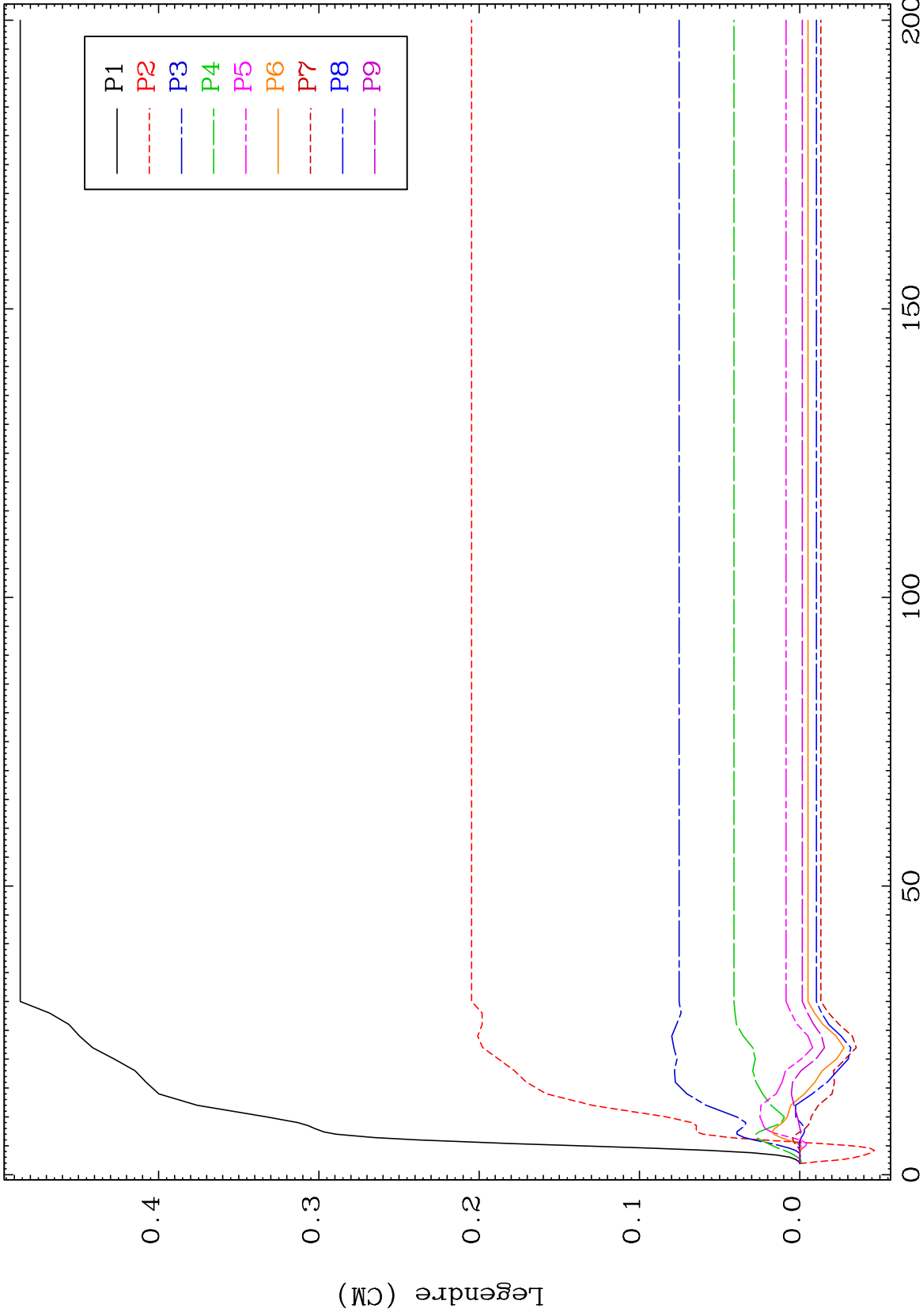
66

62-Sm-148

MAT 6237

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

62-Sm-148



67

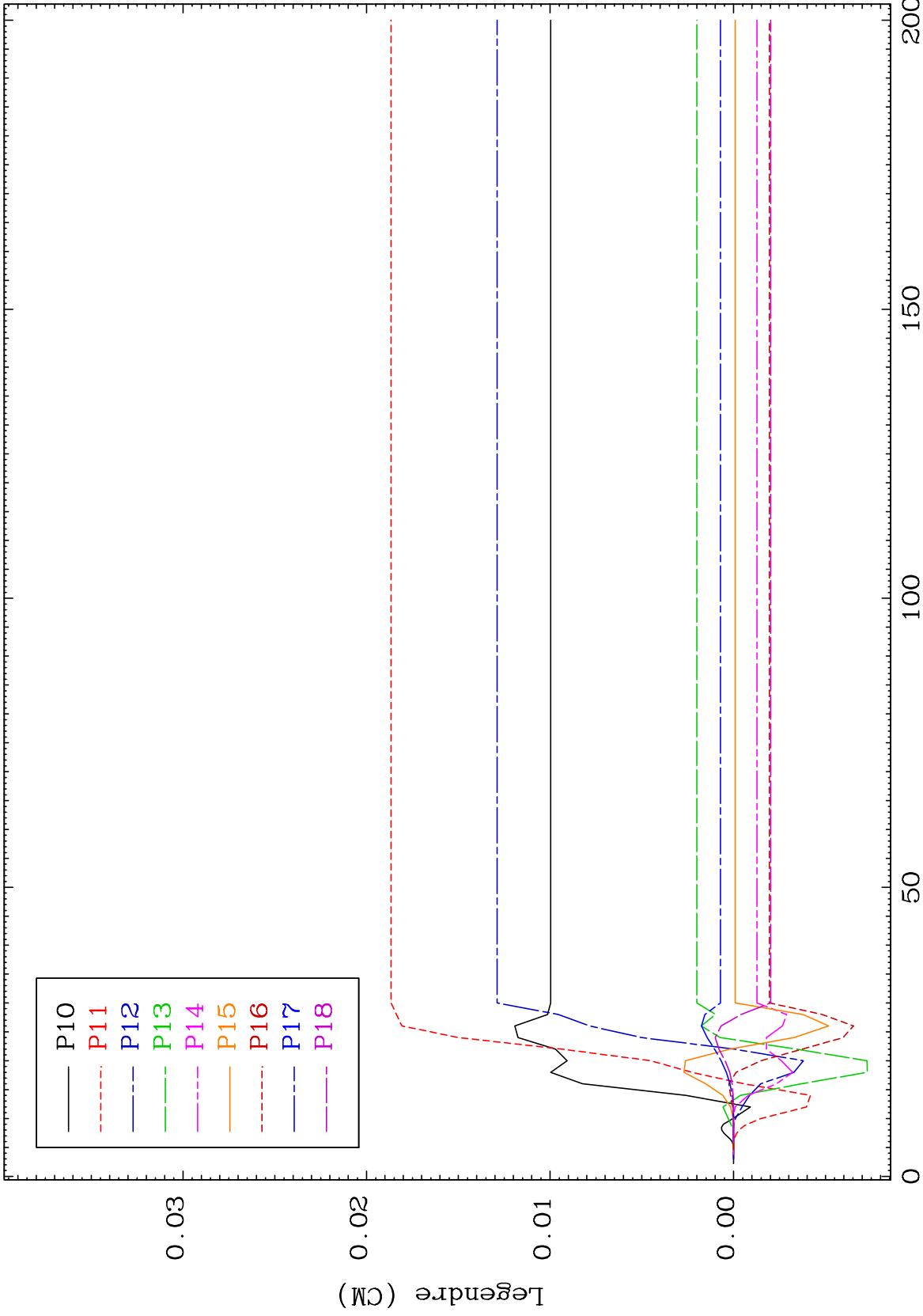
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



68

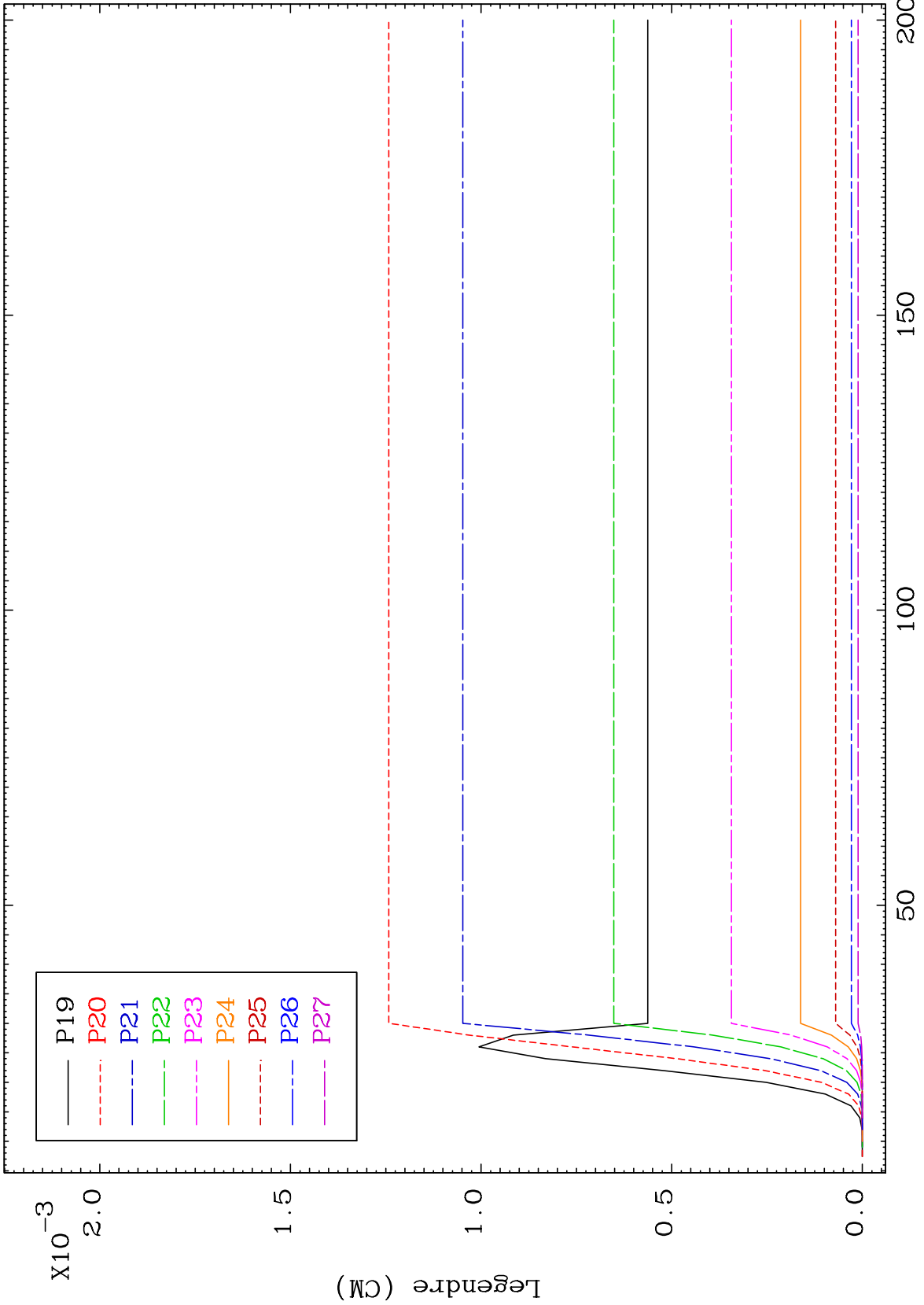
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



69

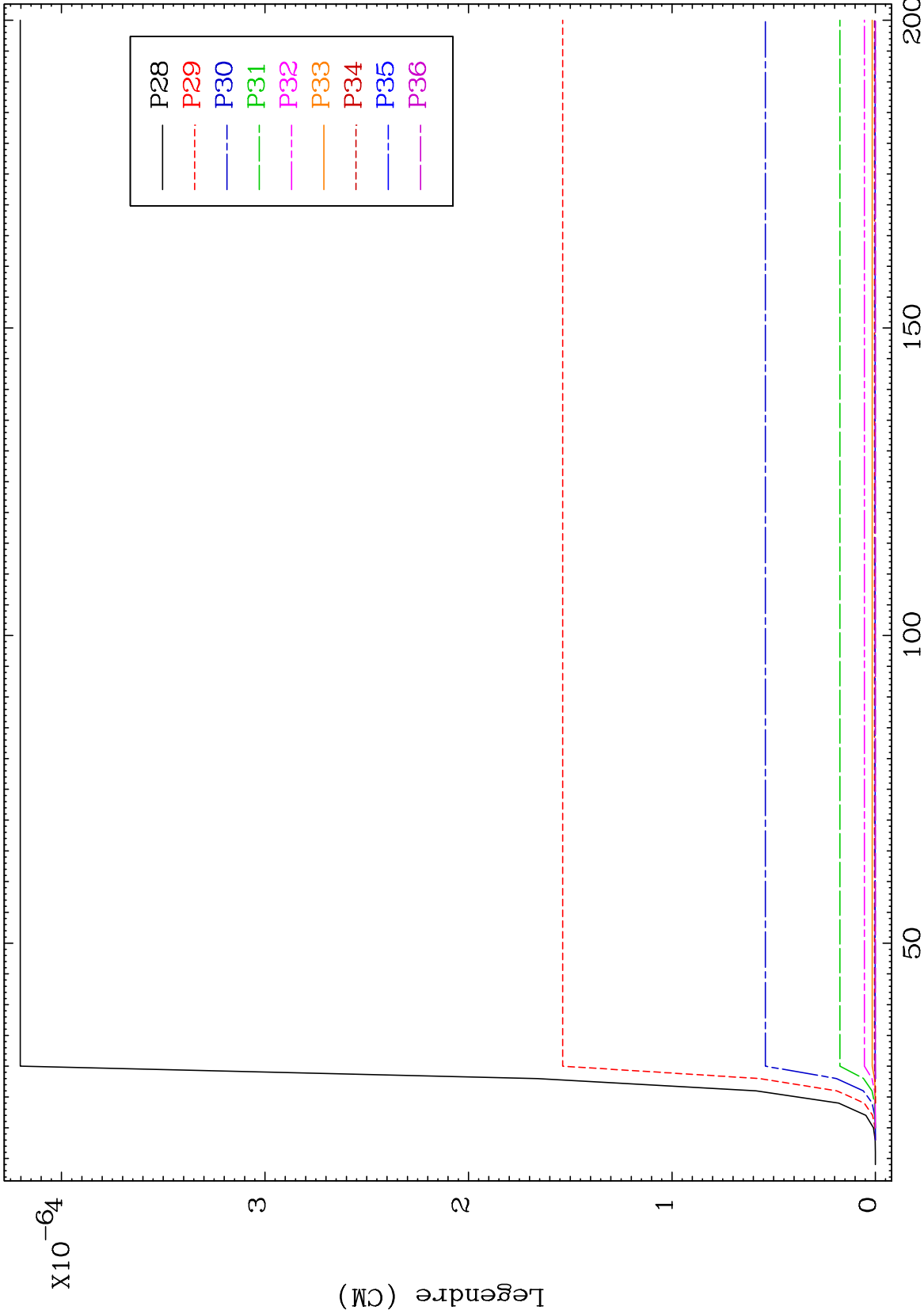
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



70

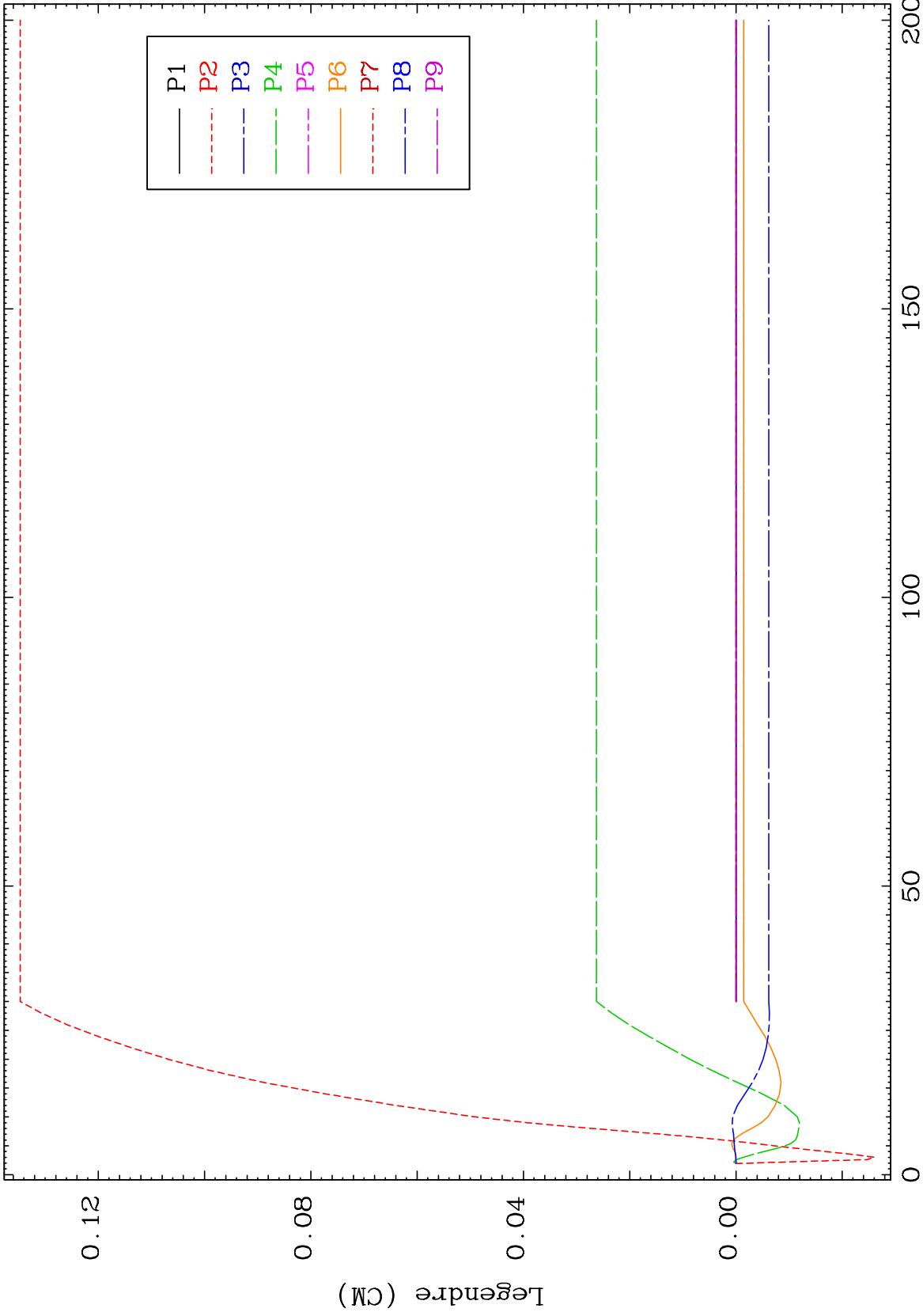
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



71

Incident Energy (MeV)

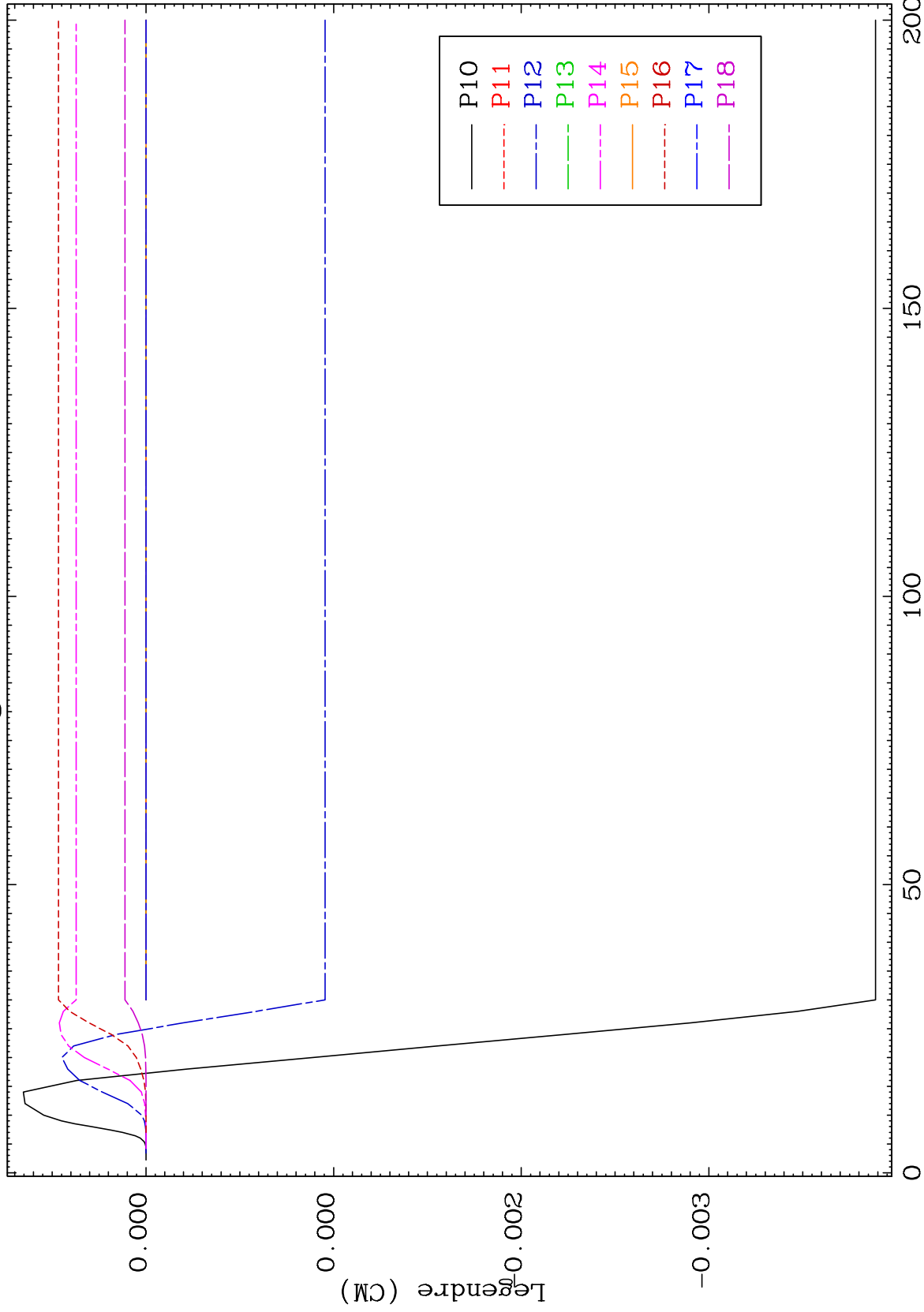
62-Sm-148



MAT 6237

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

62-Sm-148



72

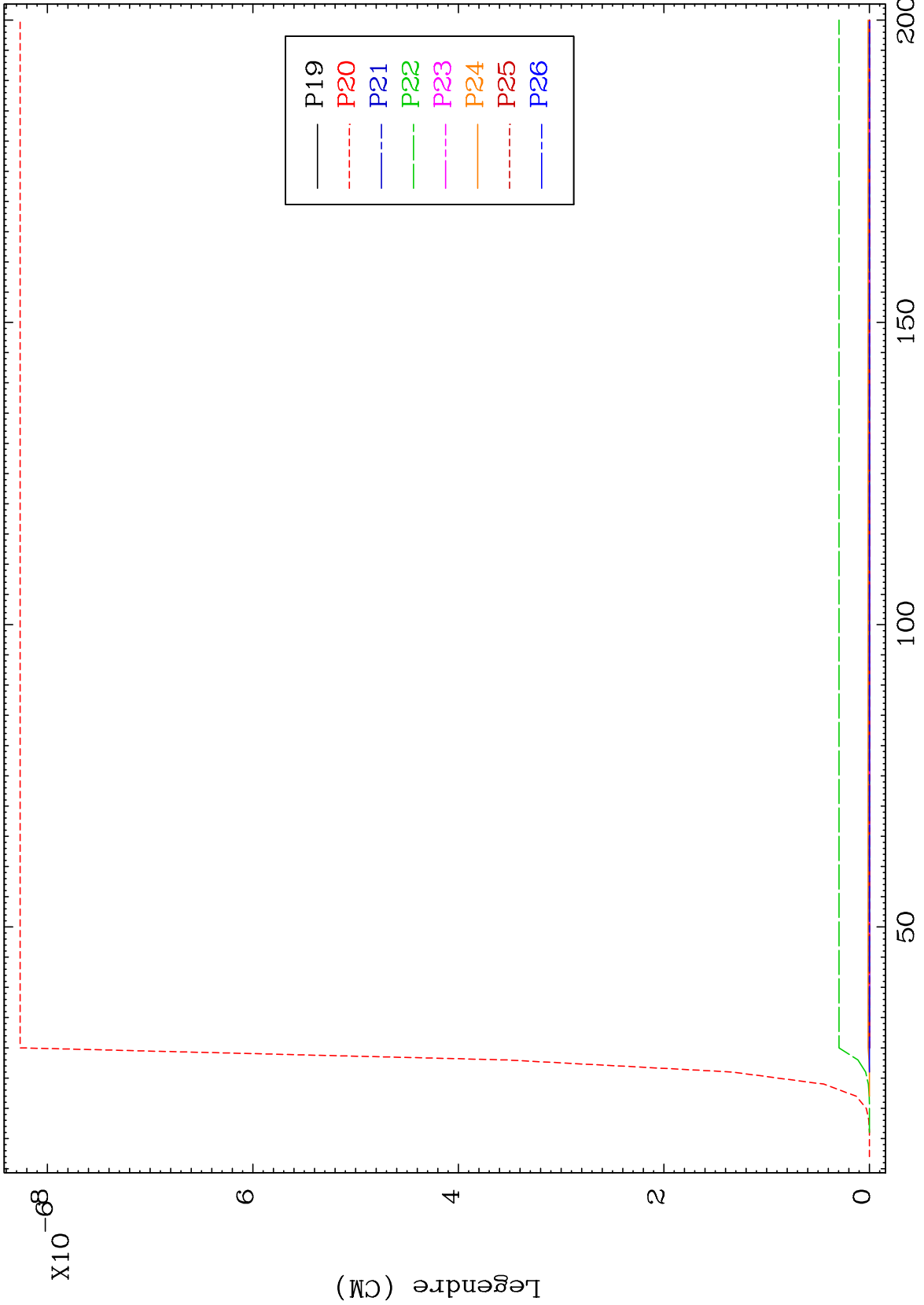
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



73

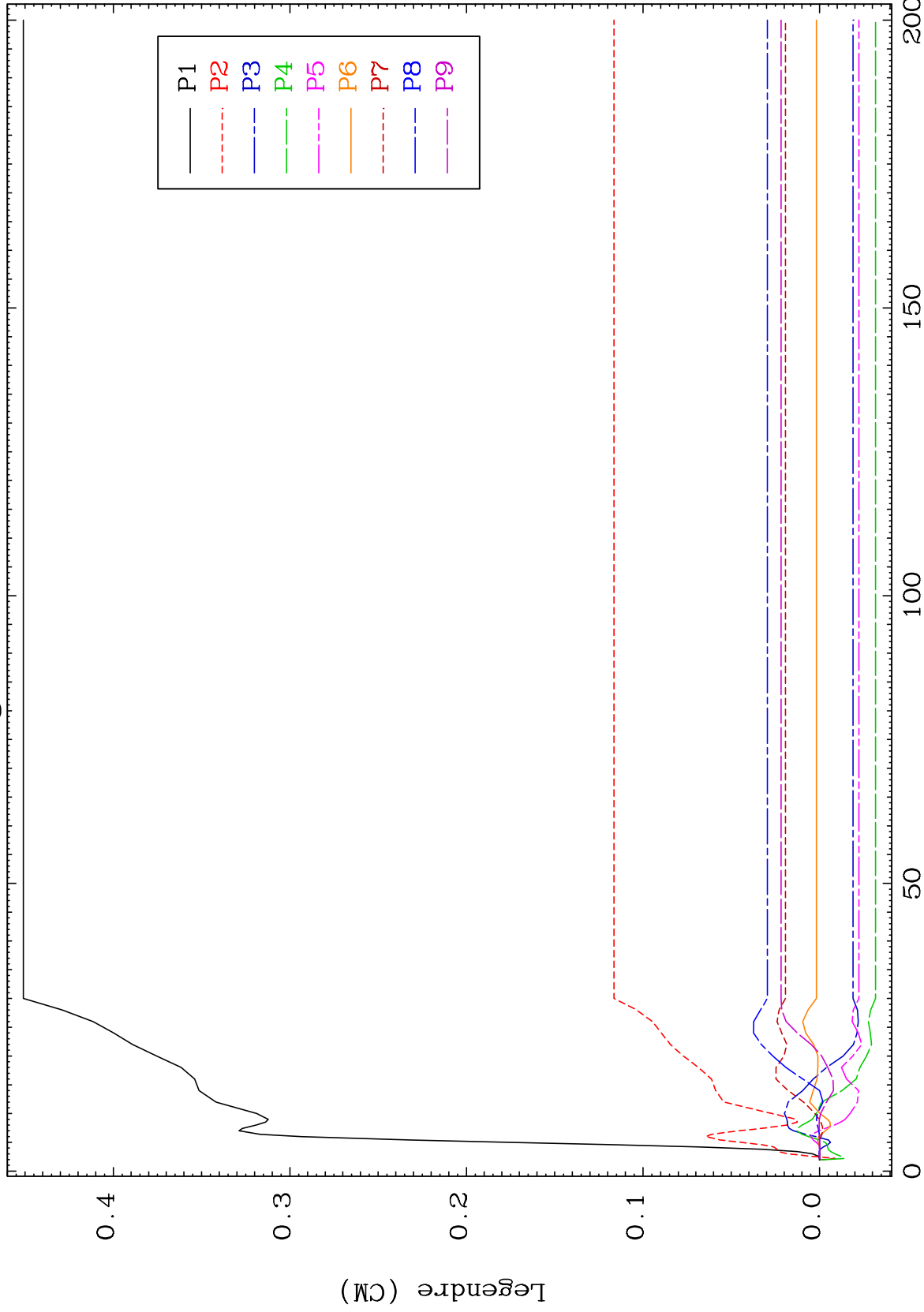
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



74

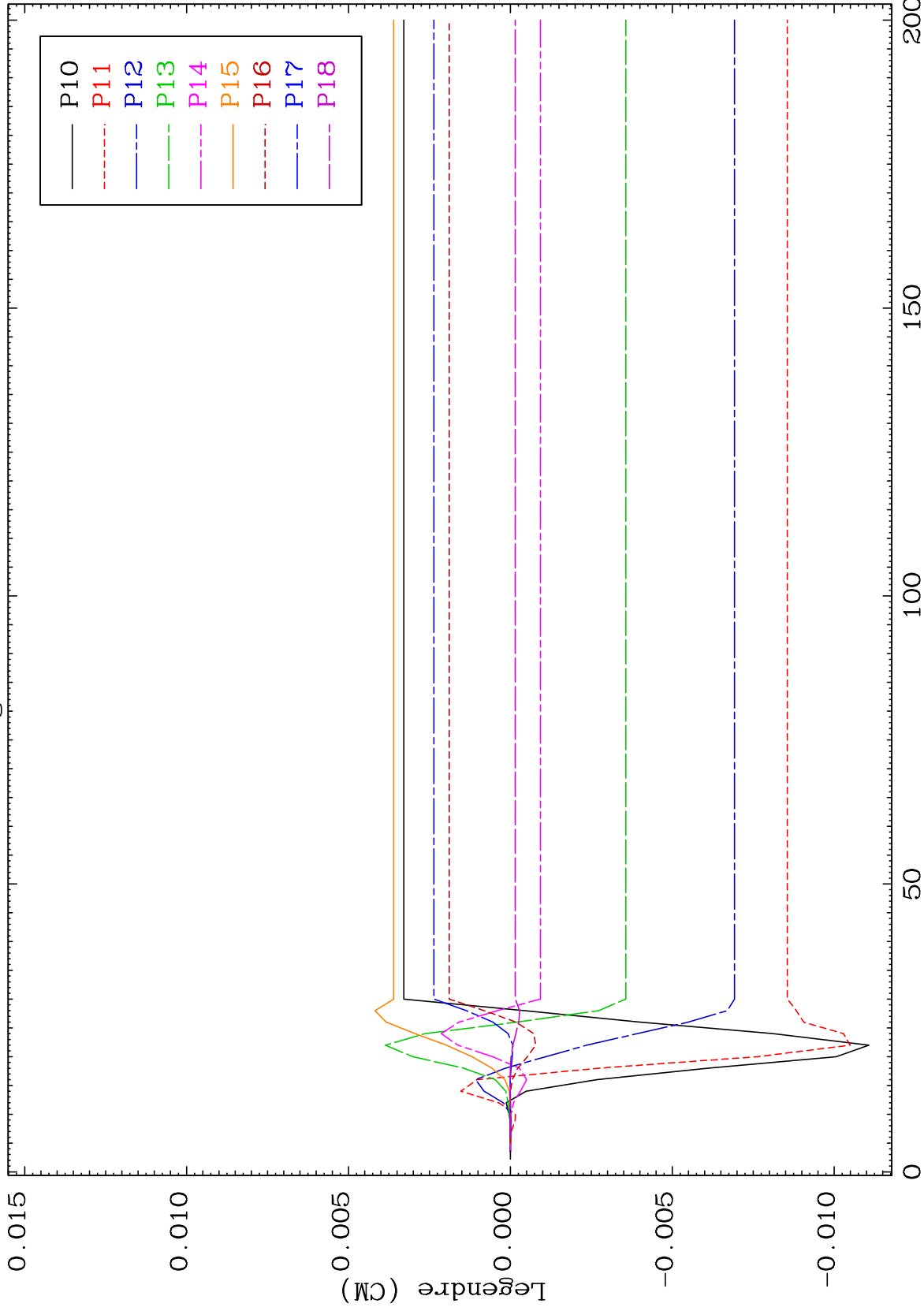
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



75

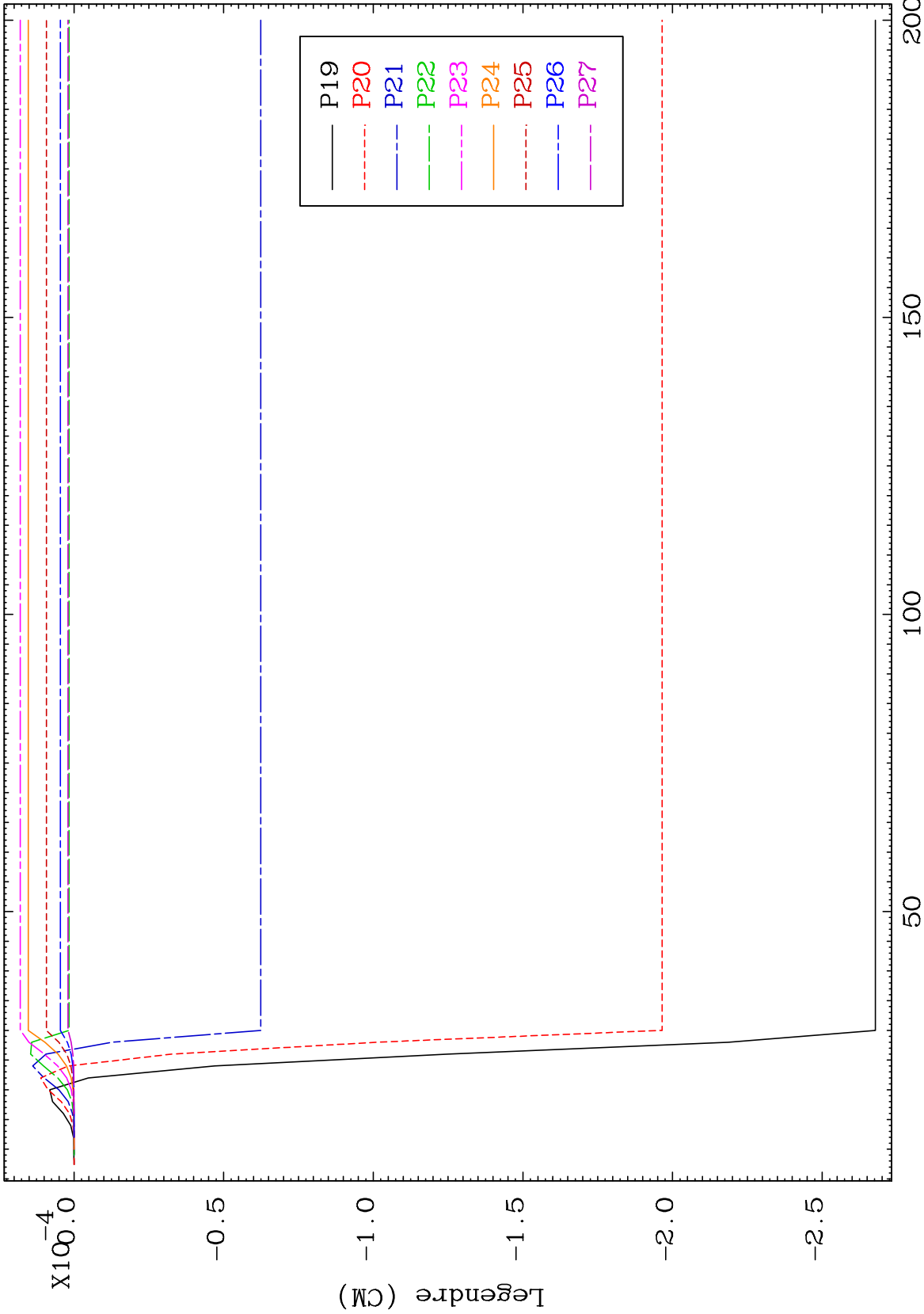
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



62-Sm-148

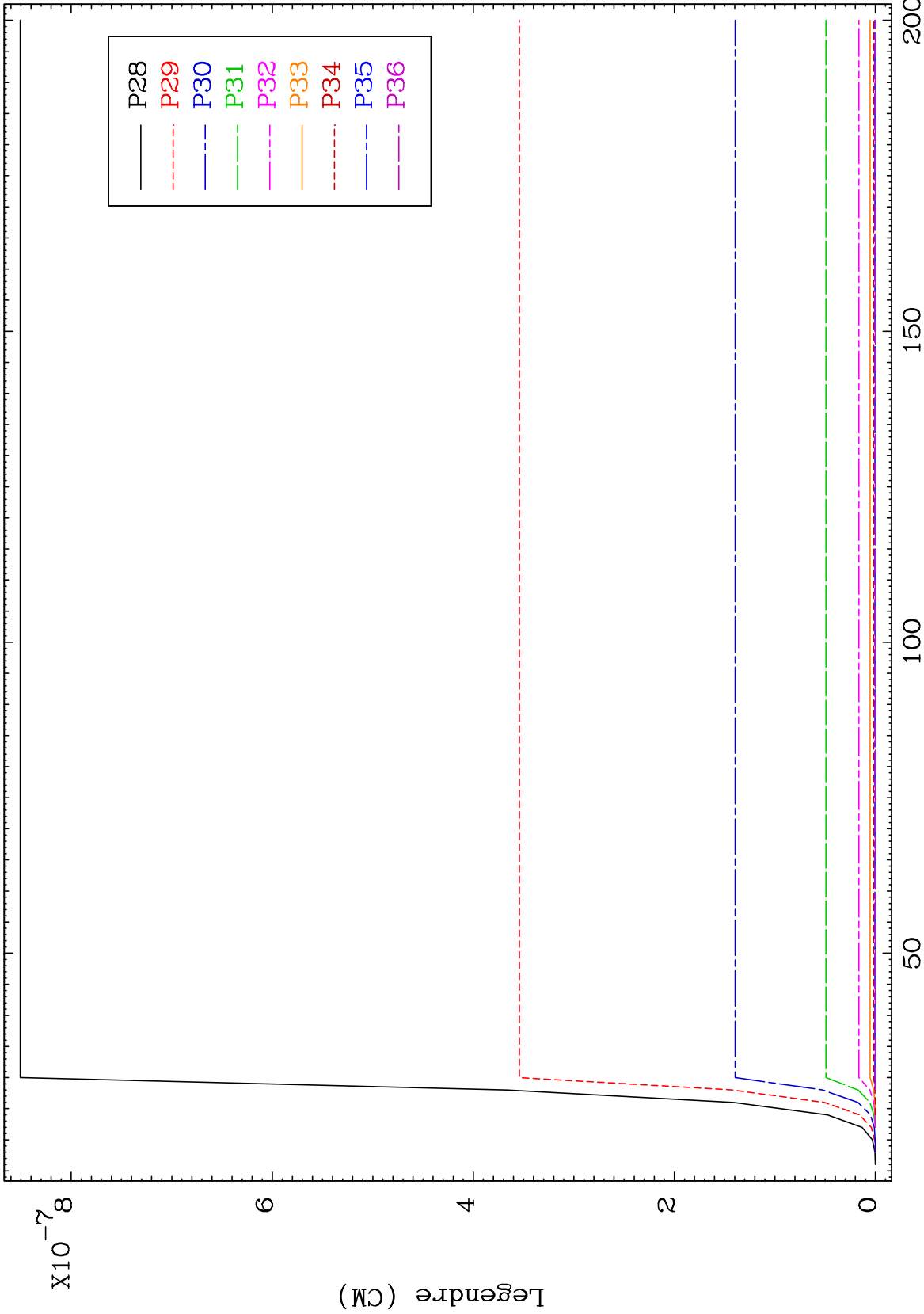
Incident Energy (MeV)

76

MAT 6237

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

62-Sm-148



77

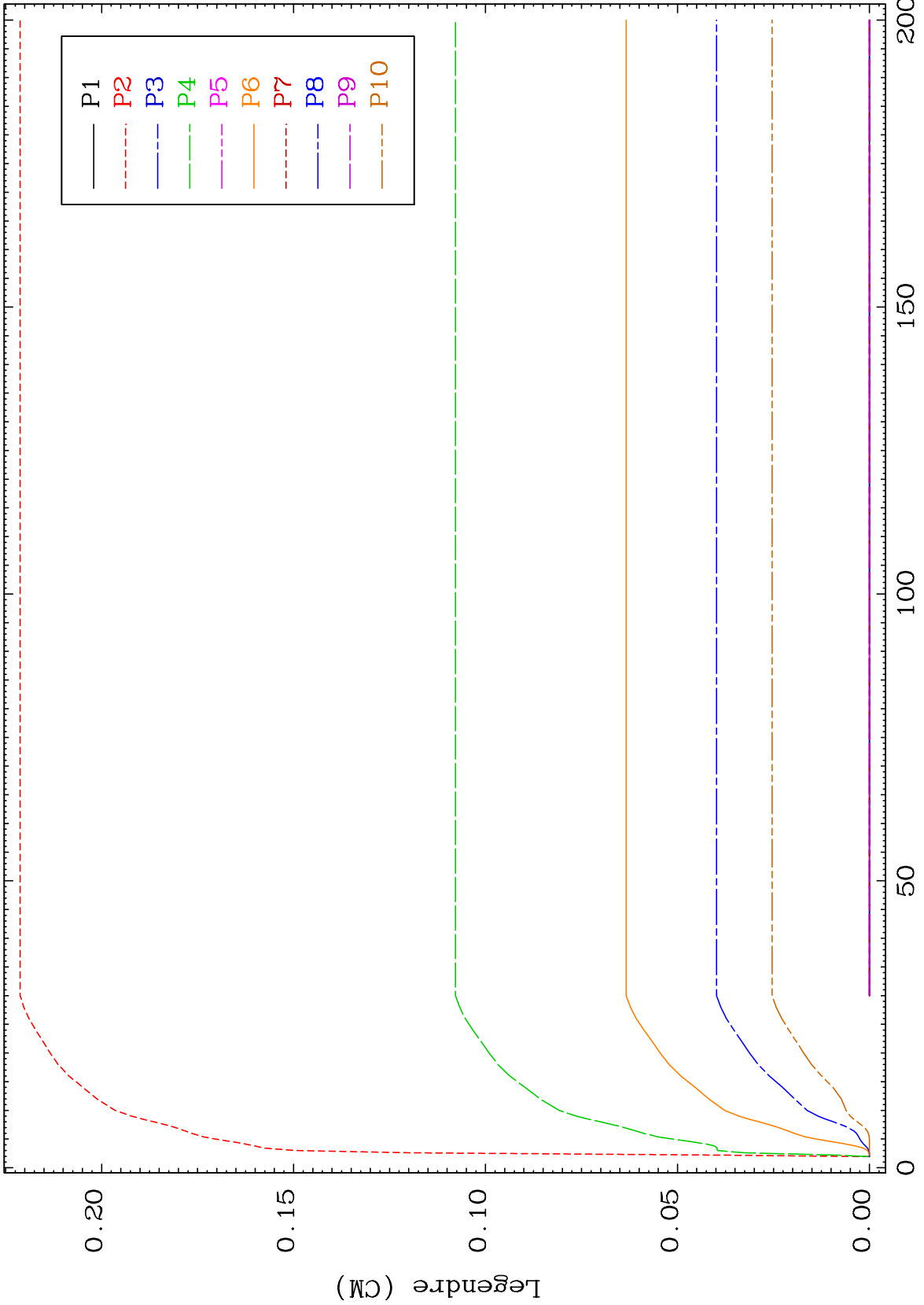
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



78

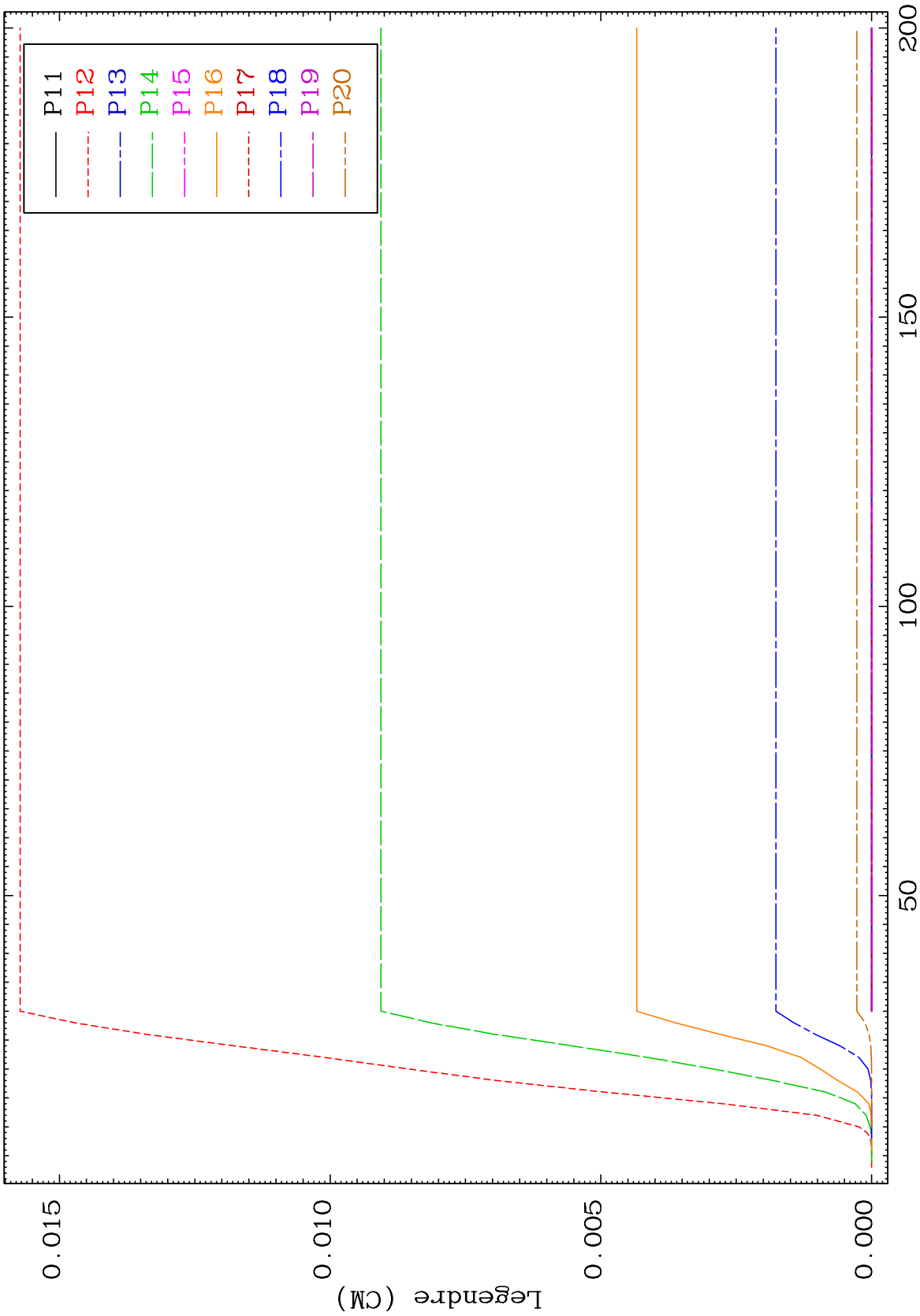
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



79

Incident Energy (MeV)

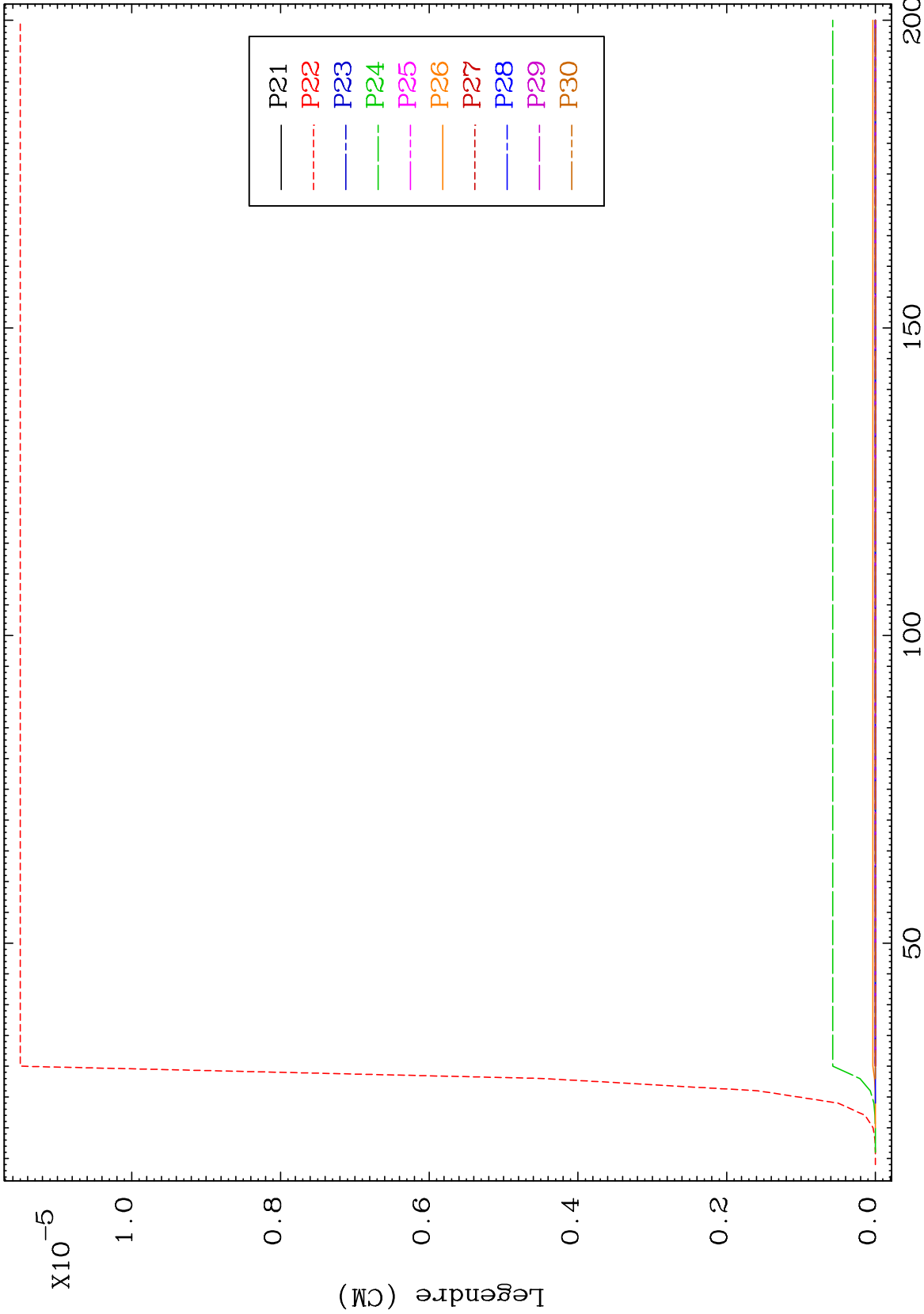
62-Sm-148



MAT 6237

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

62-Sm-148



80

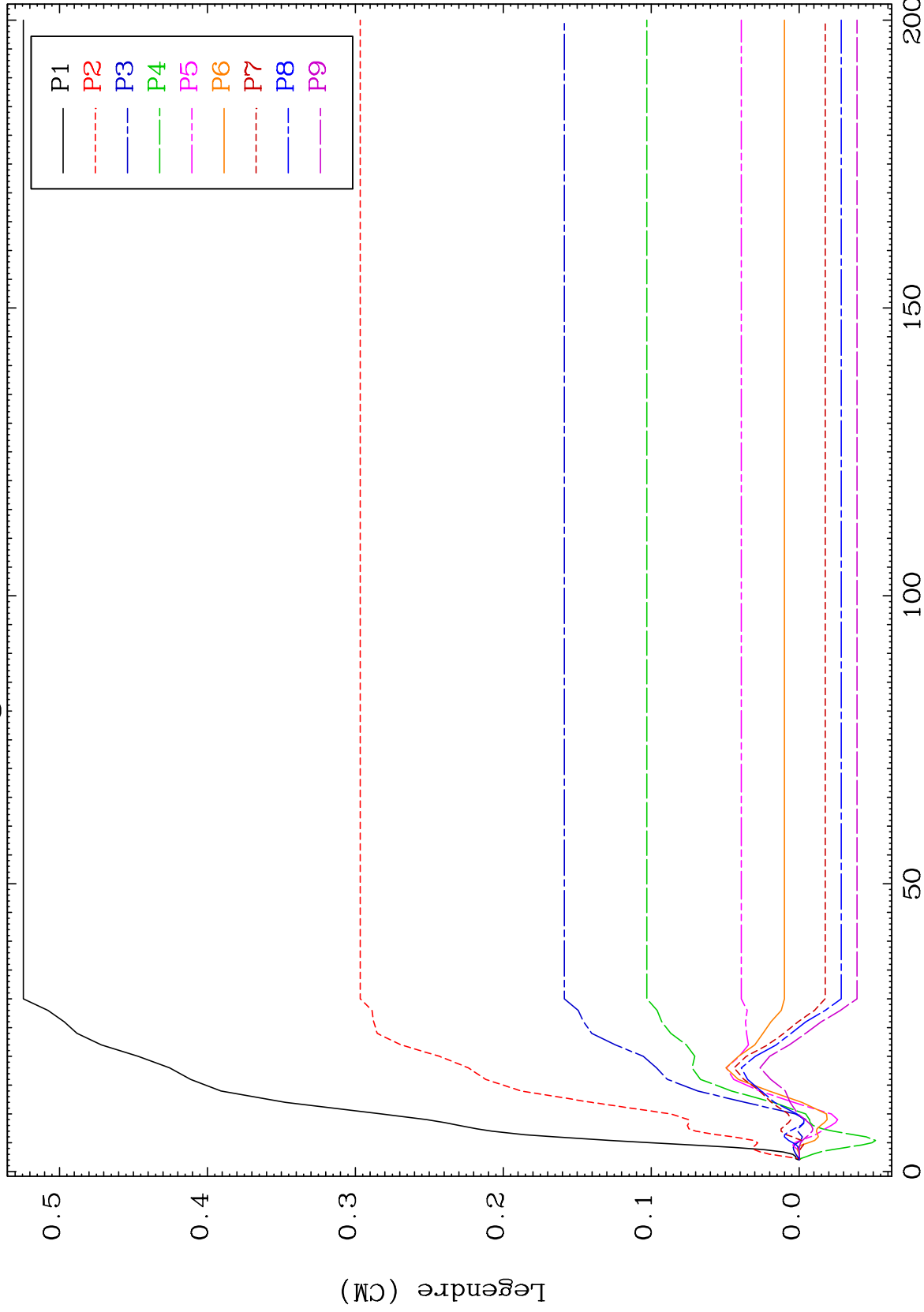
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



81

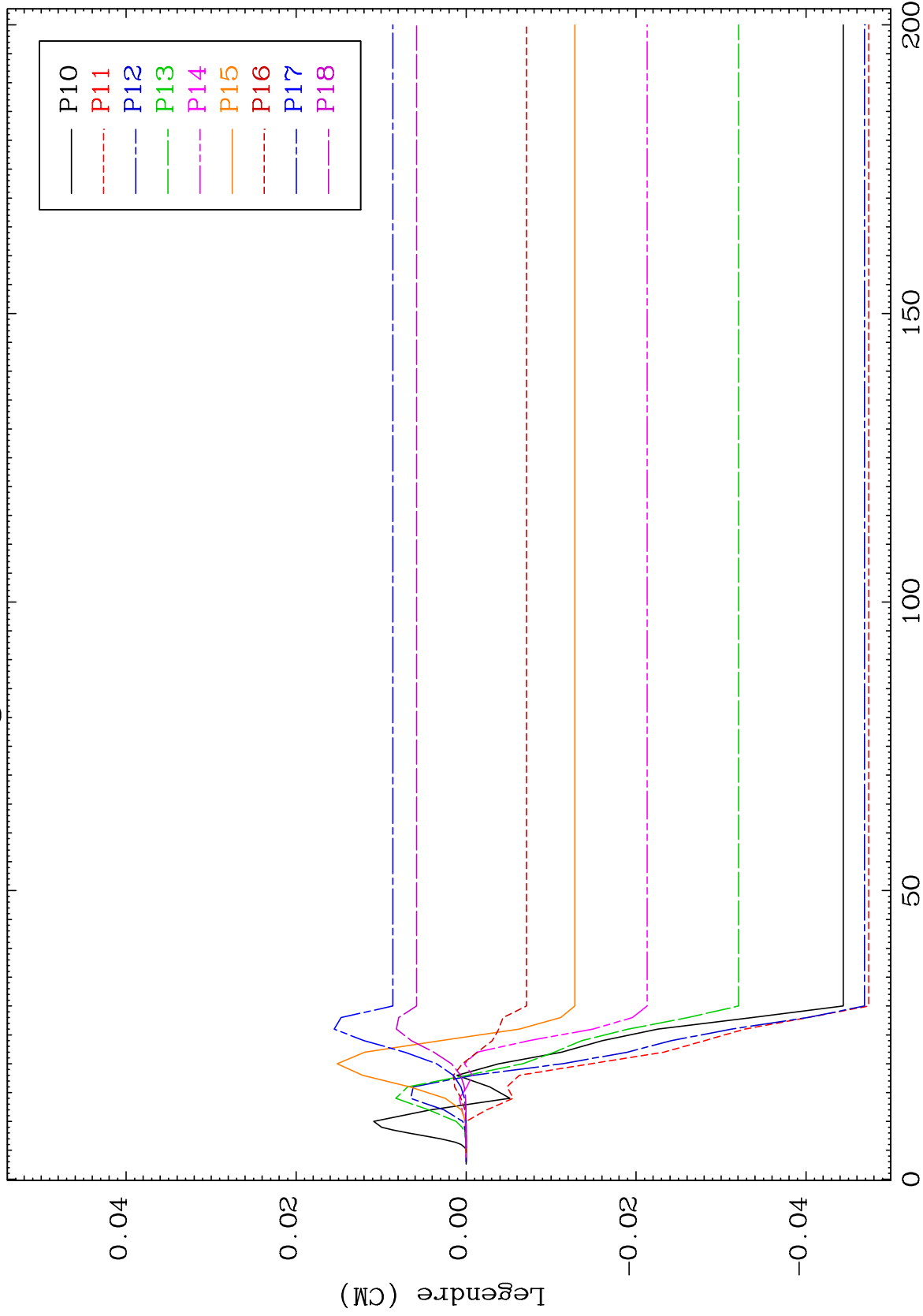
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



82

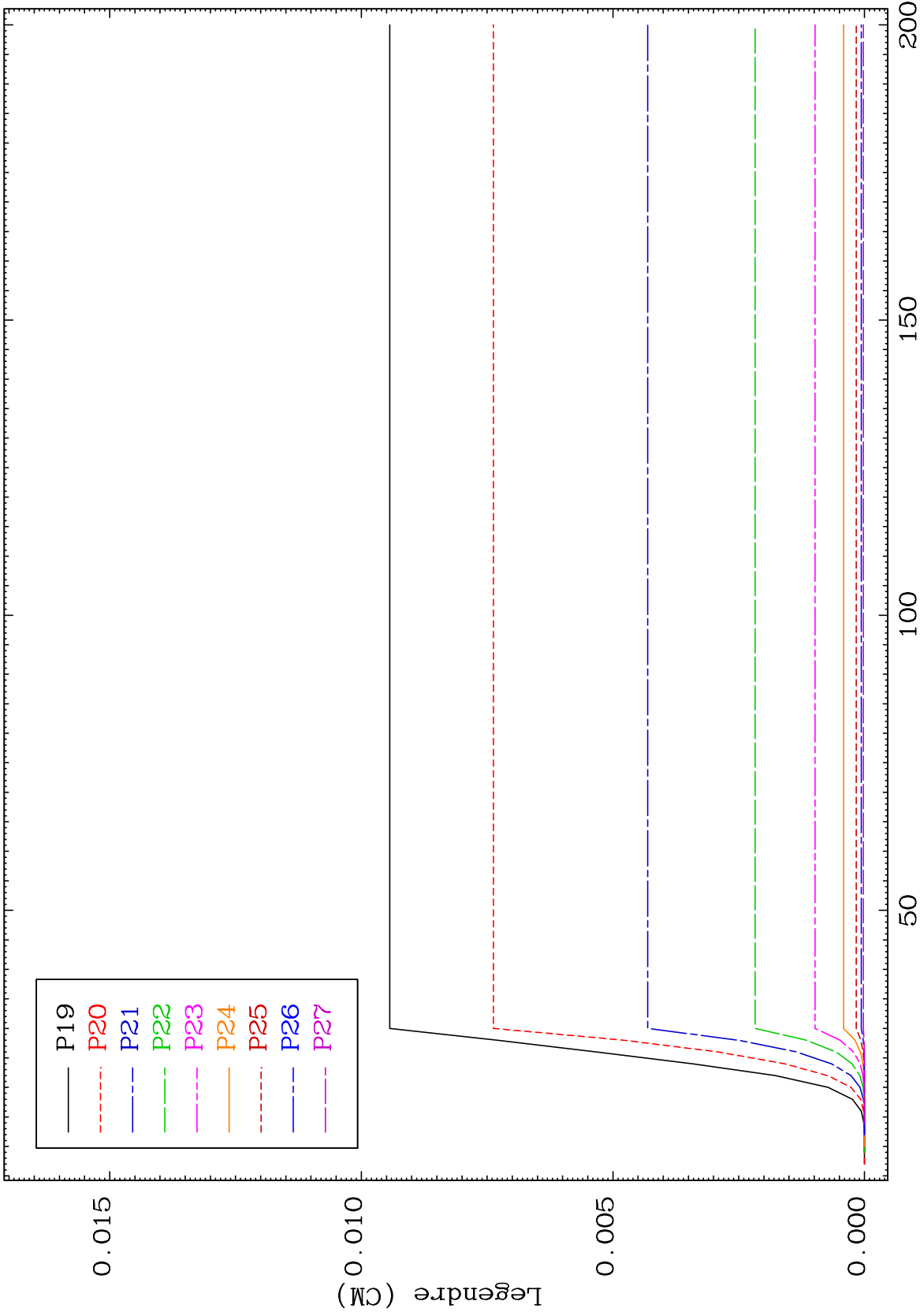
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



83

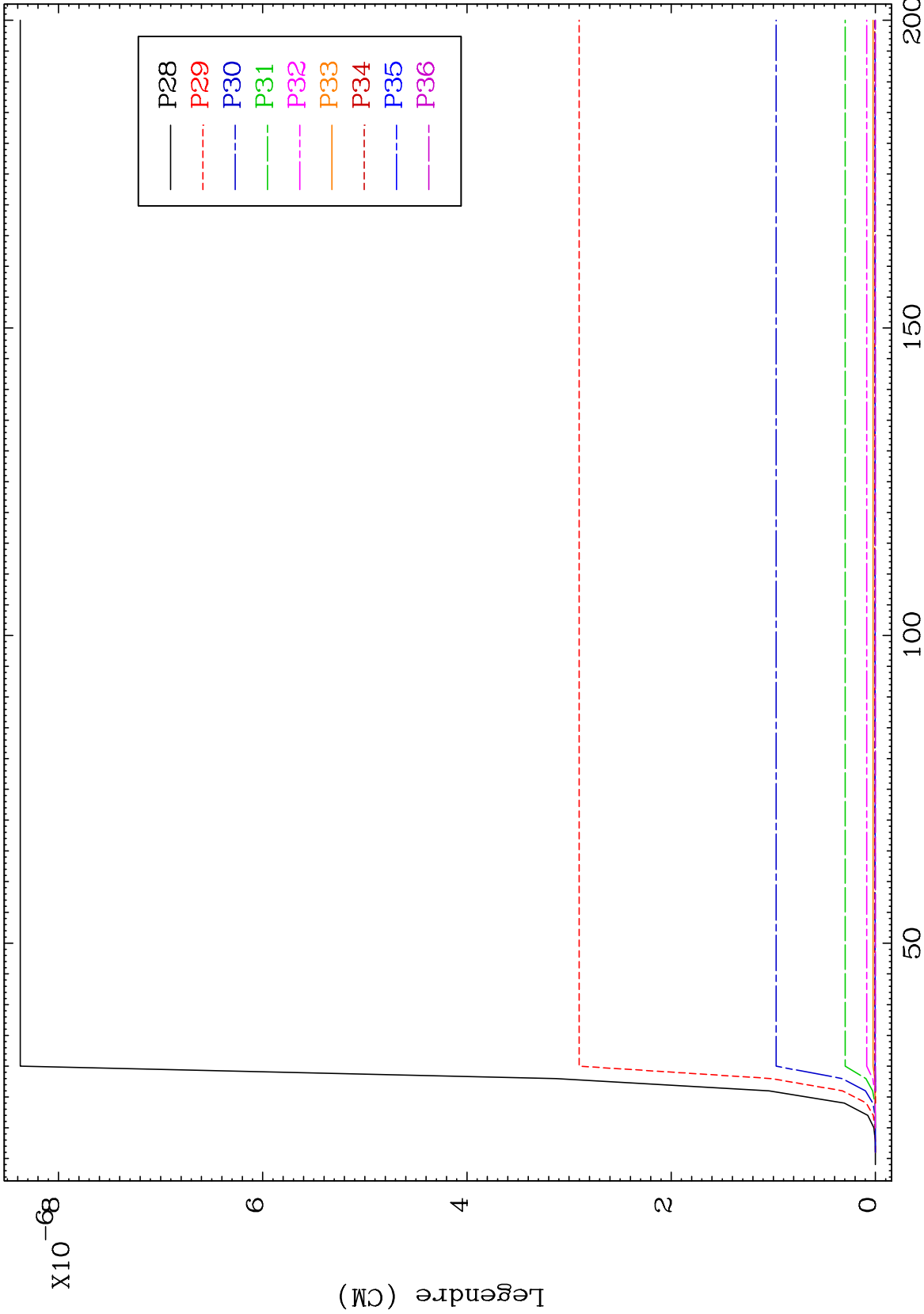
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148

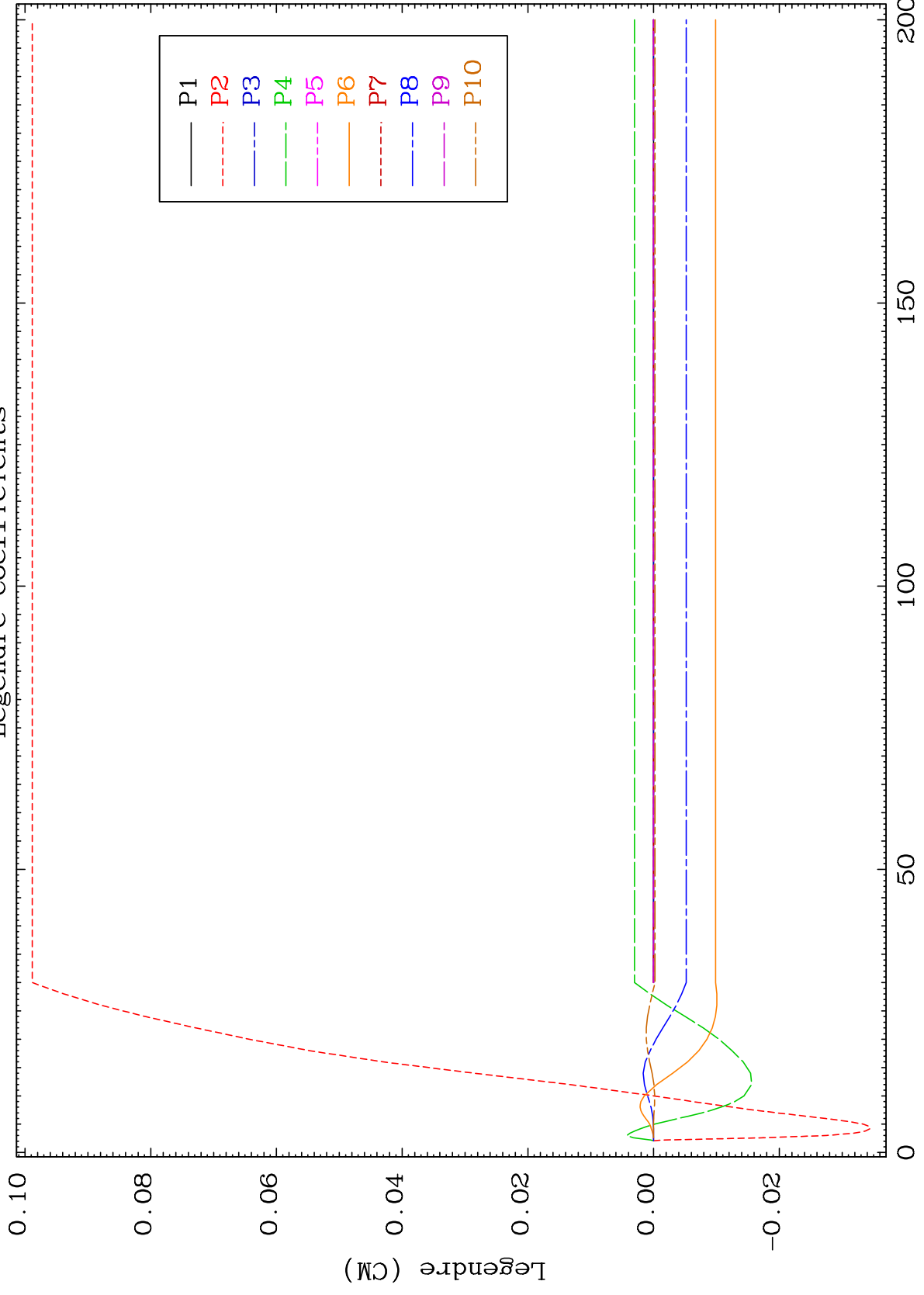


84

Incident Energy (MeV)

62-Sm-148

MAT 6237 MT= 69 (n,n') Level Legendre Coefficients 62-Sm-148

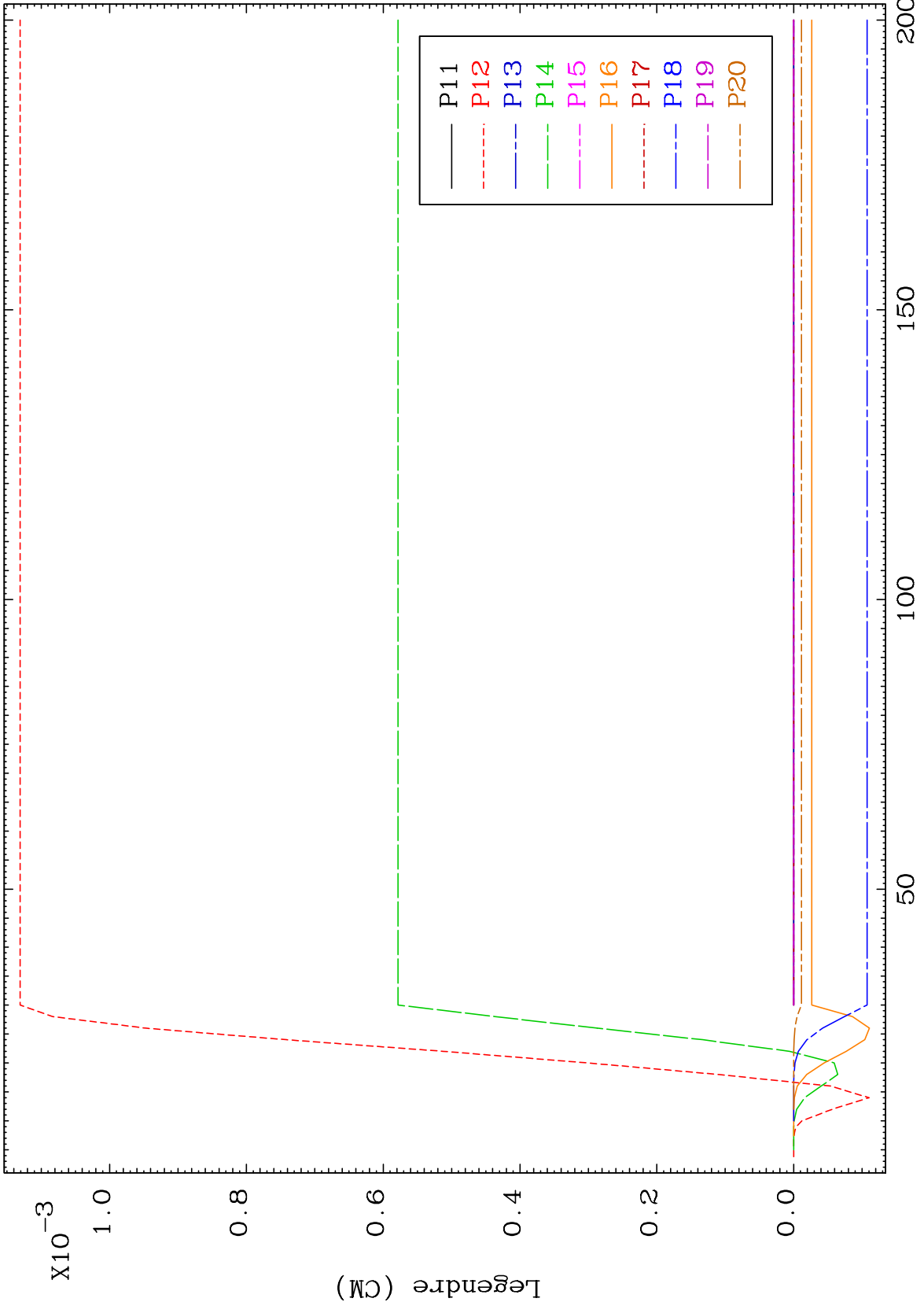


85 Incident Energy (MeV) 62-Sm-148

MAT 6237

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

62-Sm-148



86

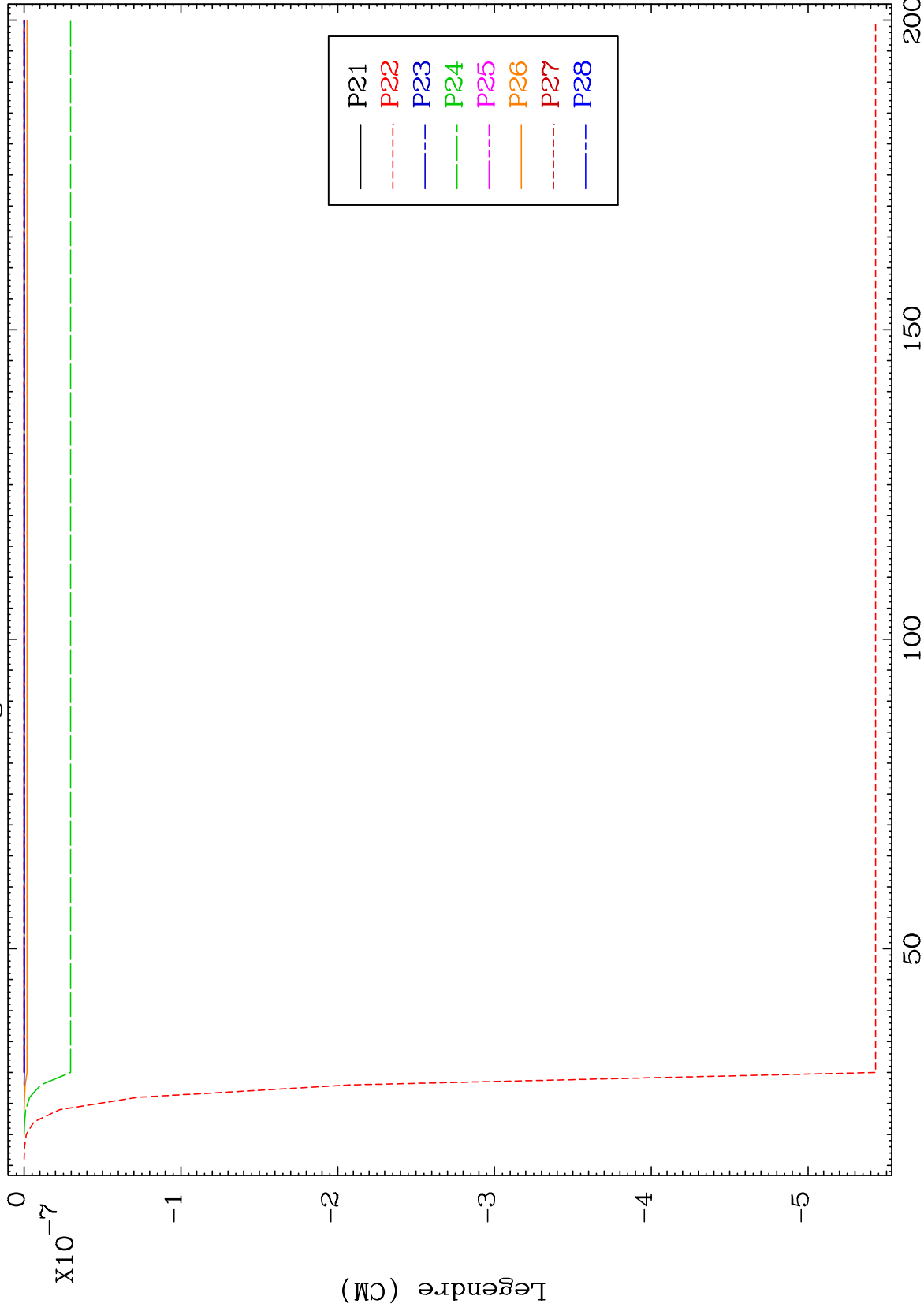
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



87

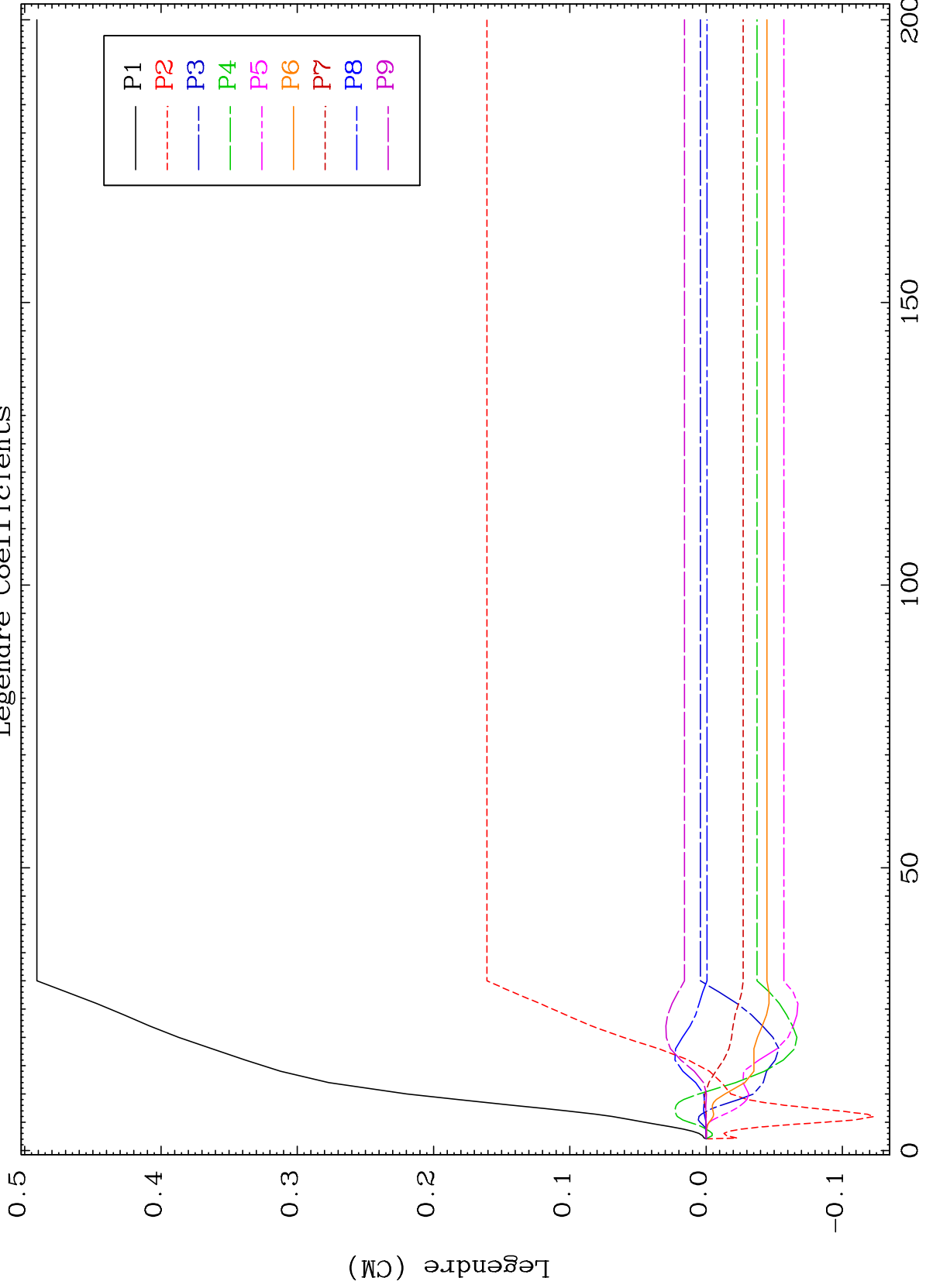
62-Sm-148



MAT 6237

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

62-Sm-148



88

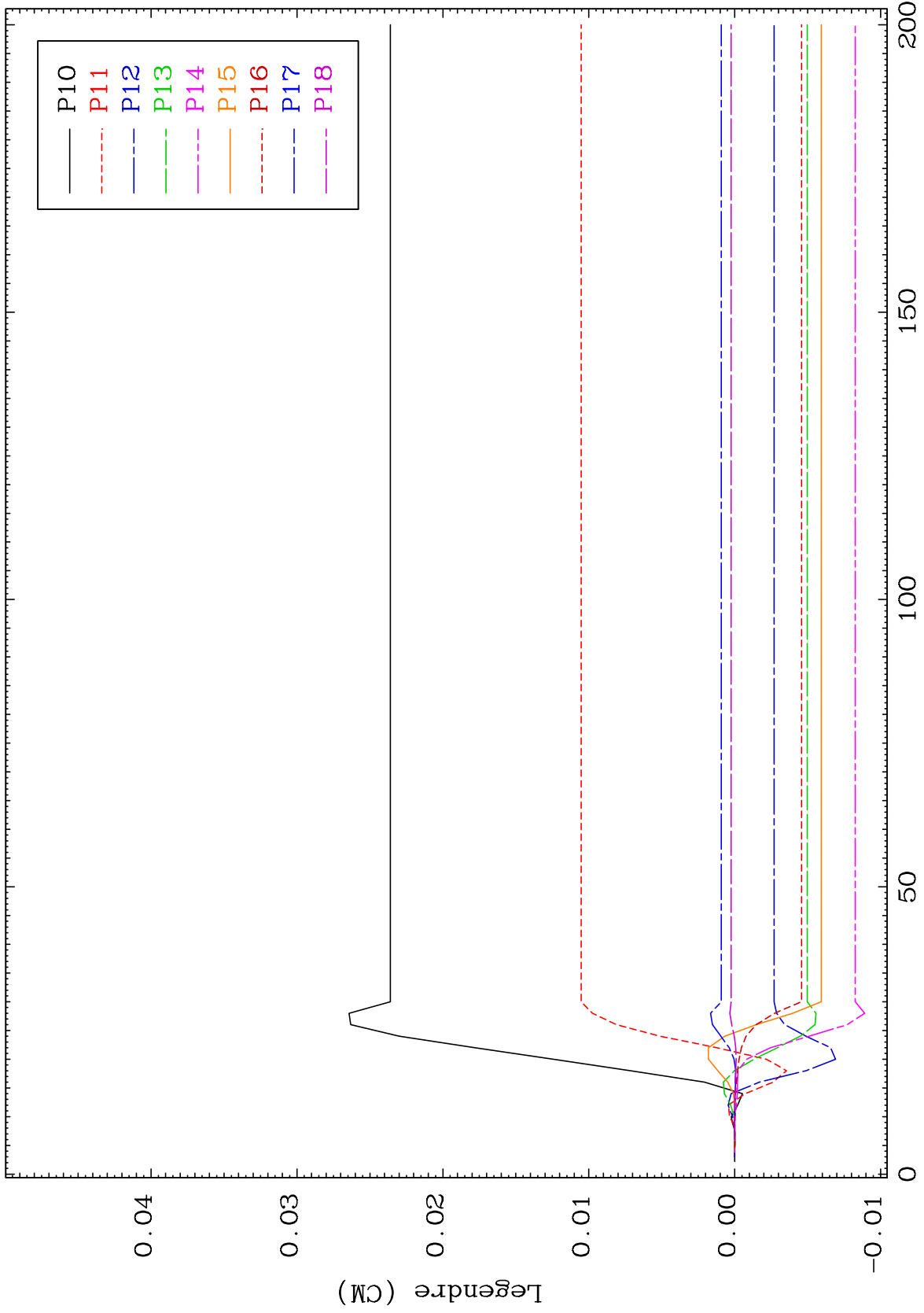
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



89

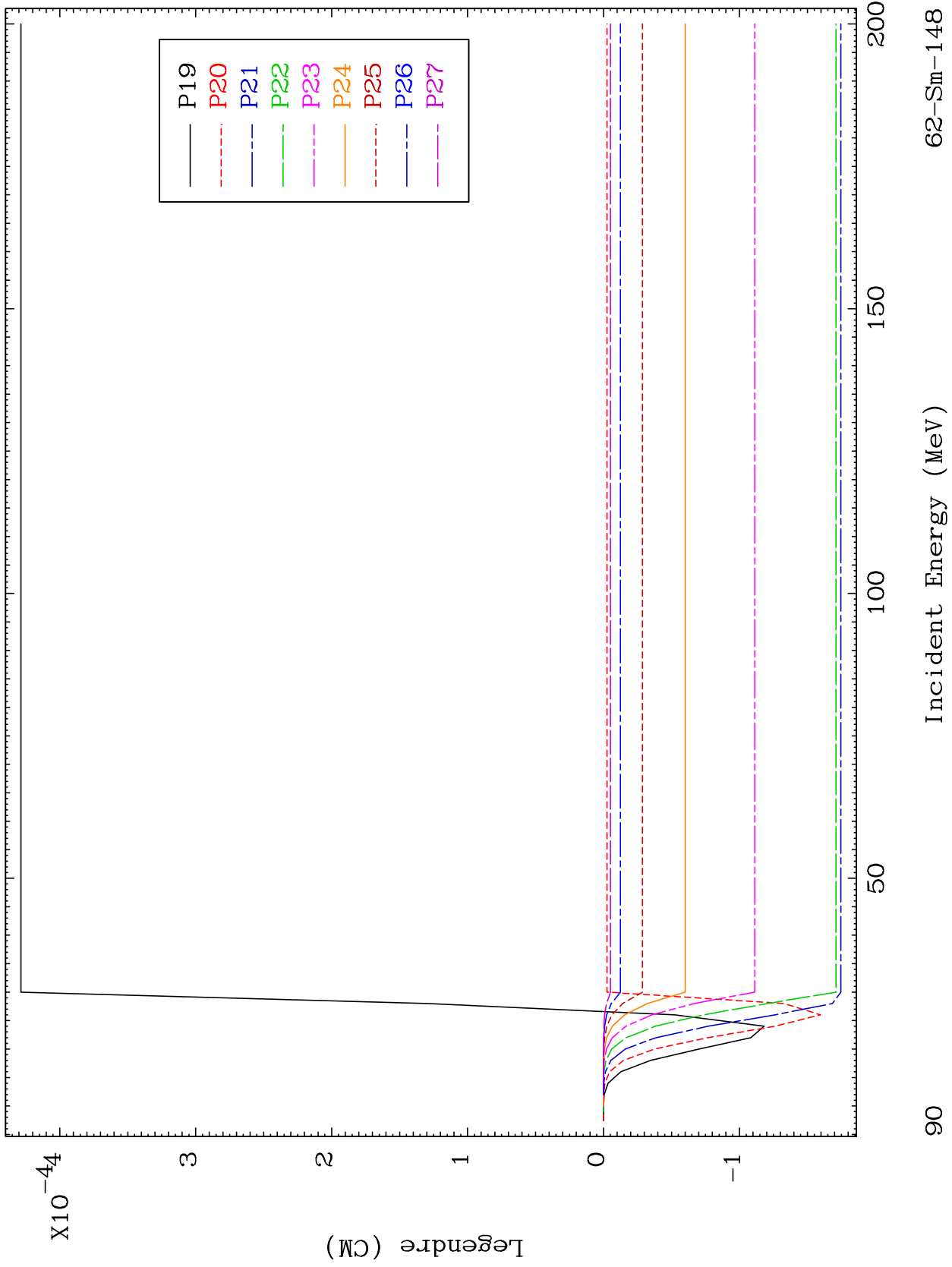
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

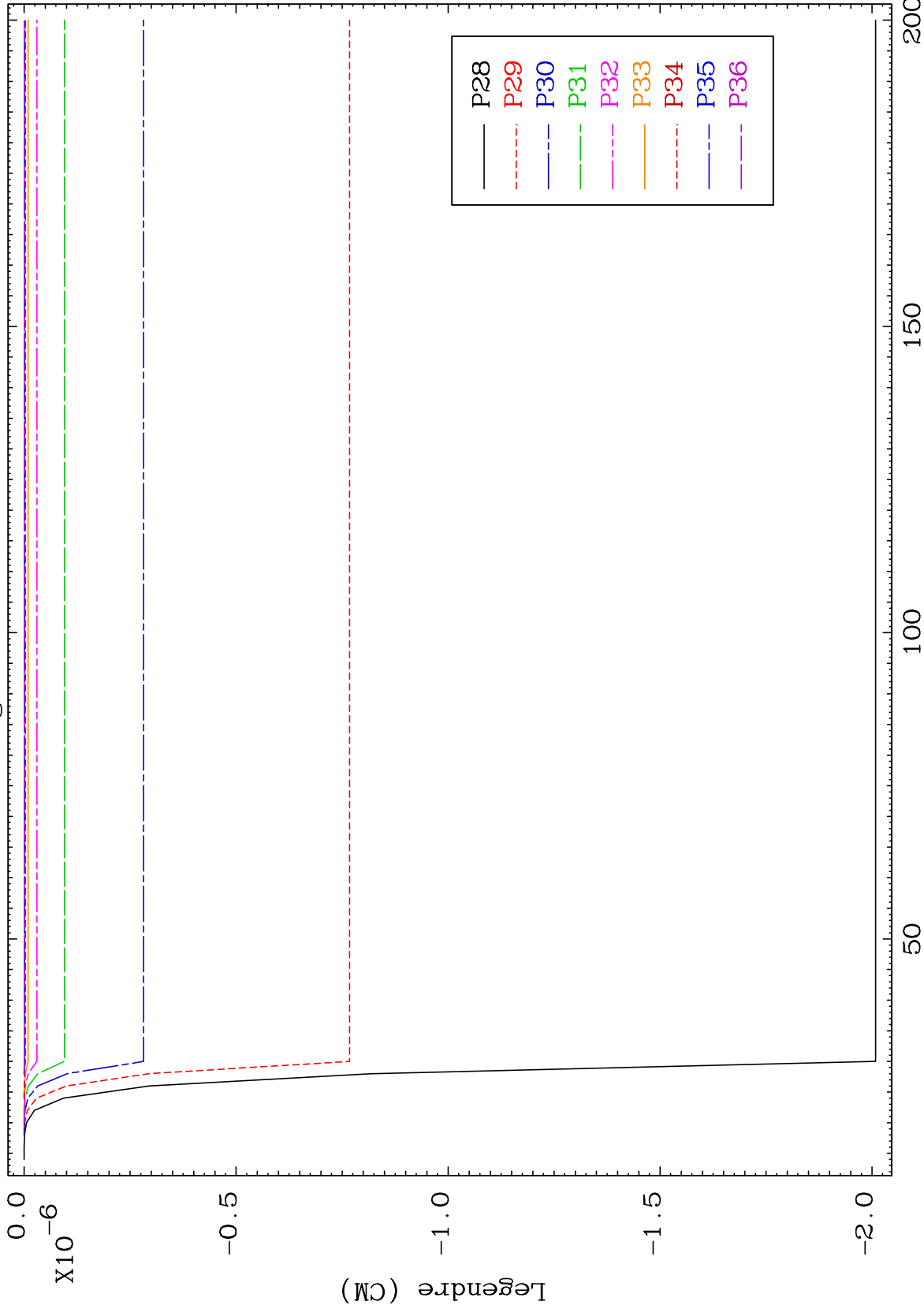
62-Sm-148



MAT 6237

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

62-Sm-148



62-Sm-148

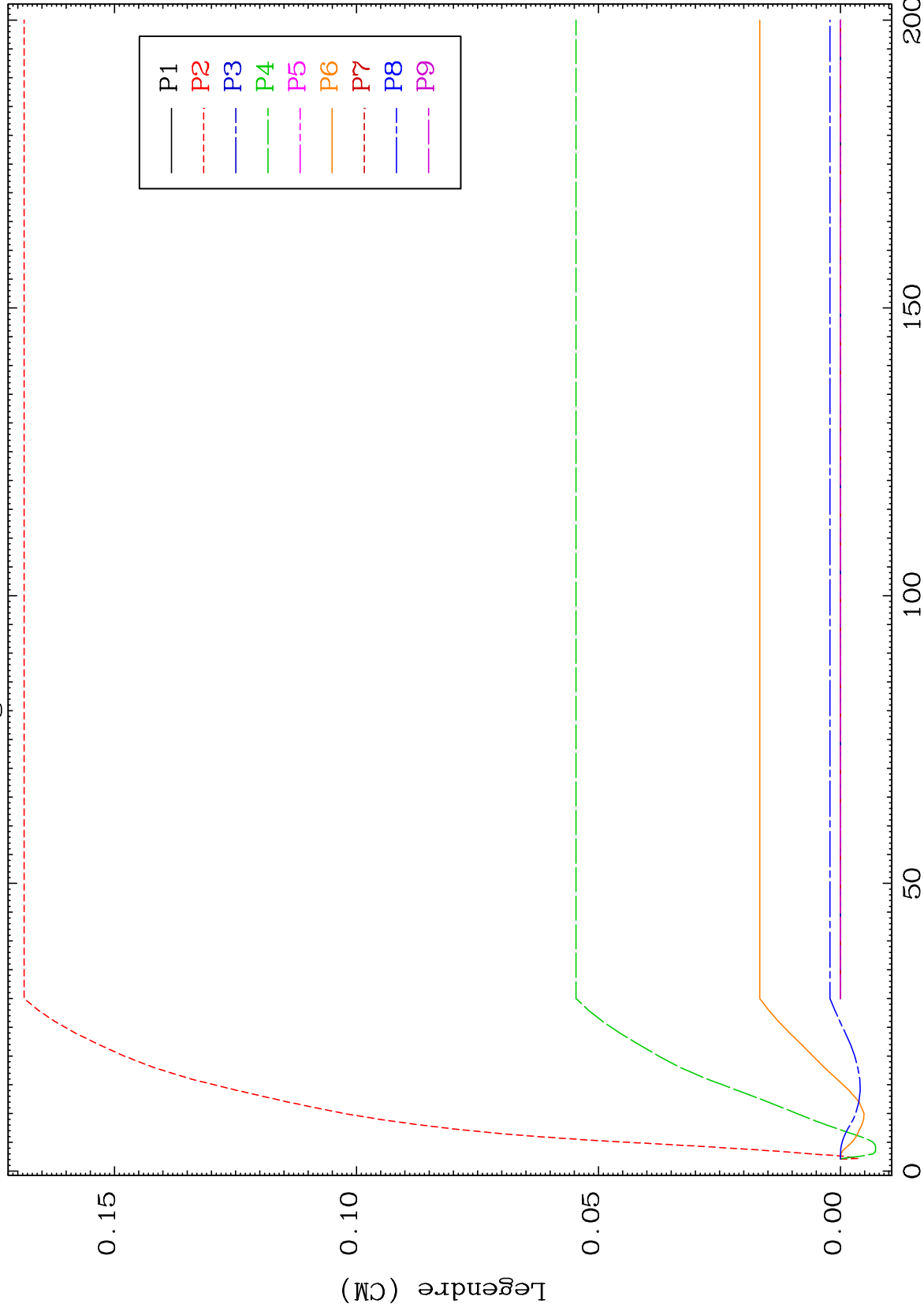
Incident Energy (MeV)

91

MAT 6237

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

62-Sm-148



92

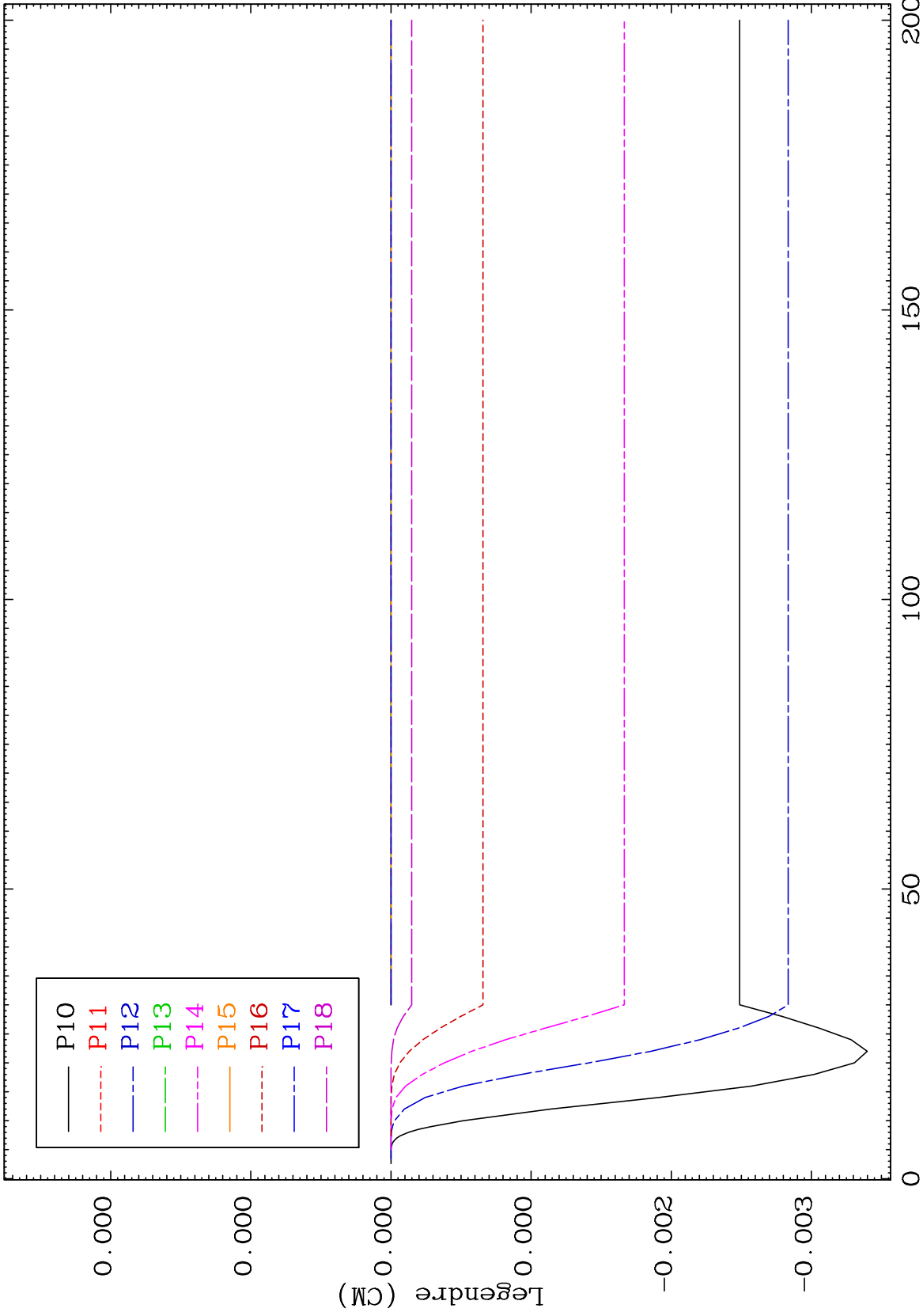
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



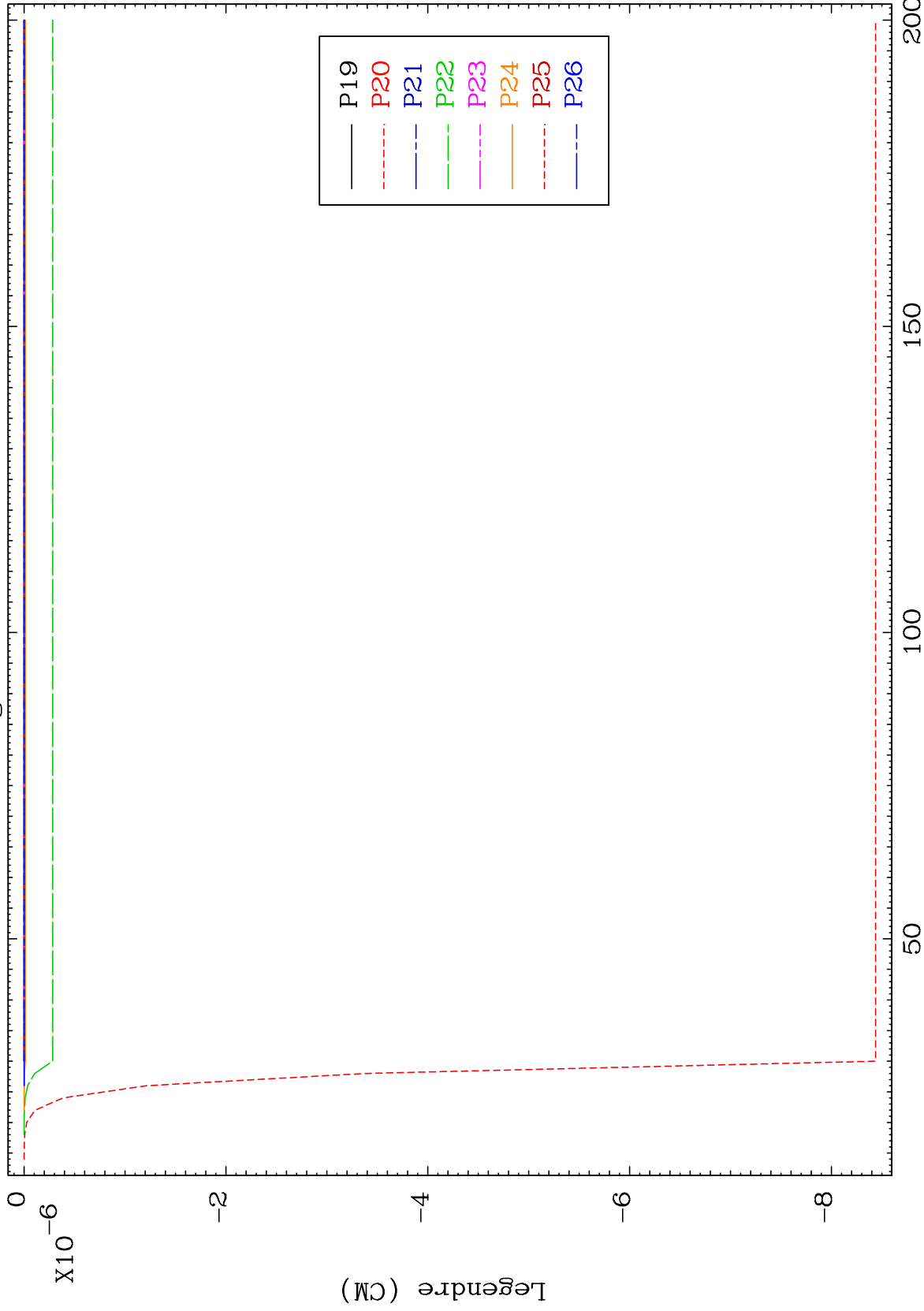
93

62-Sm-148

MAT 6237

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

62-Sm-148



94

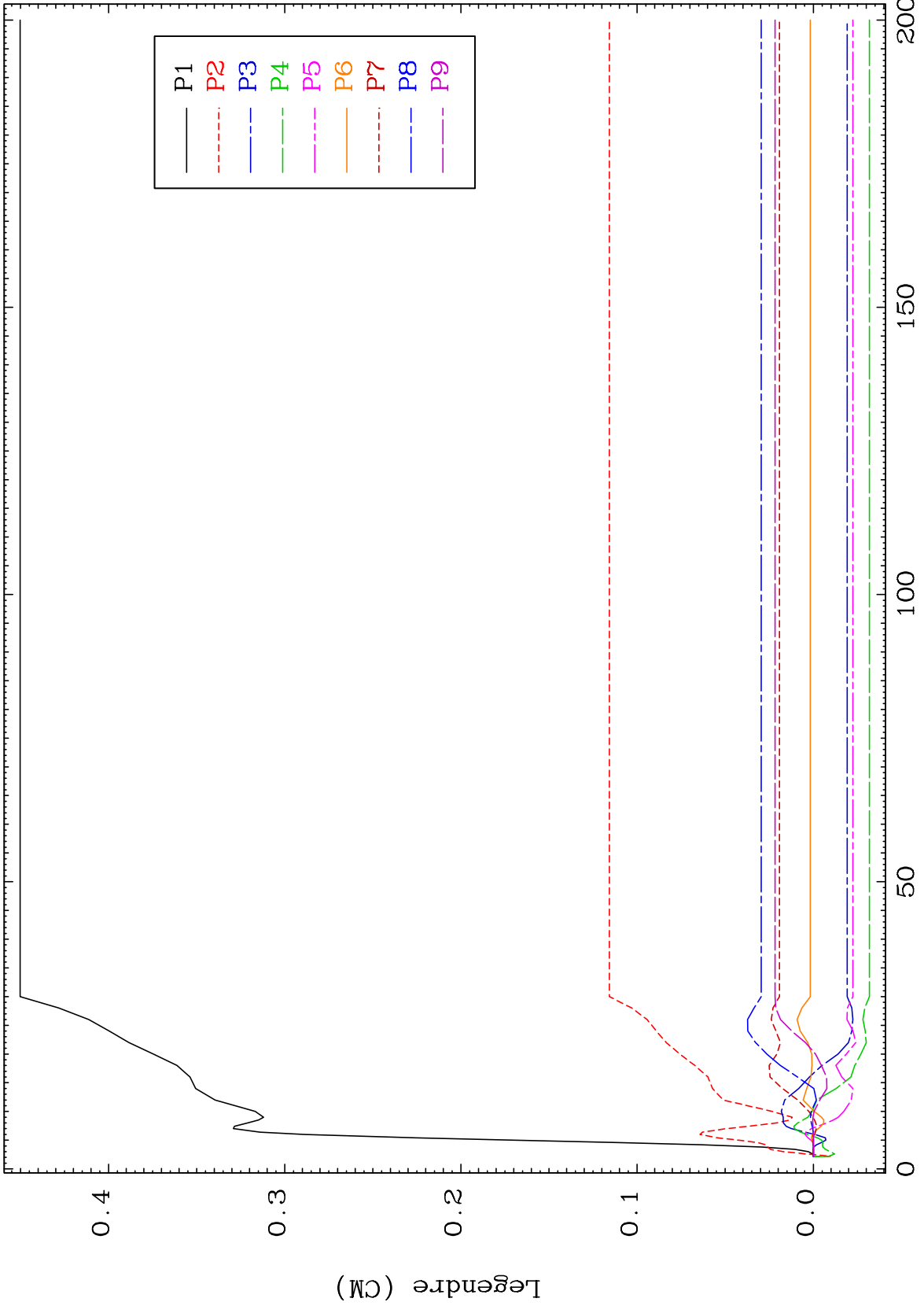
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



95

Incident Energy (MeV)

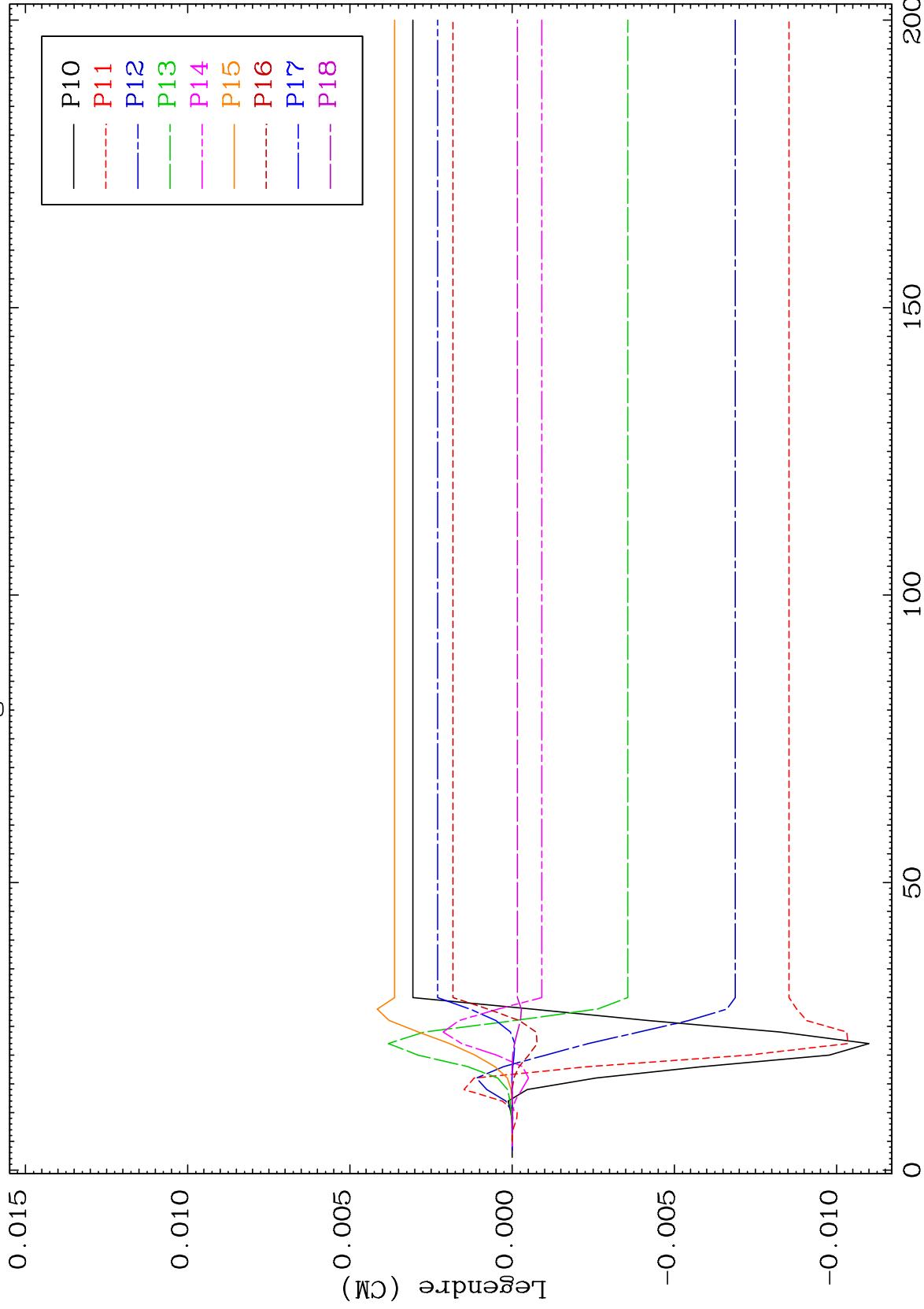
62-Sm-148



MAT 6237

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

62-Sm-148



96

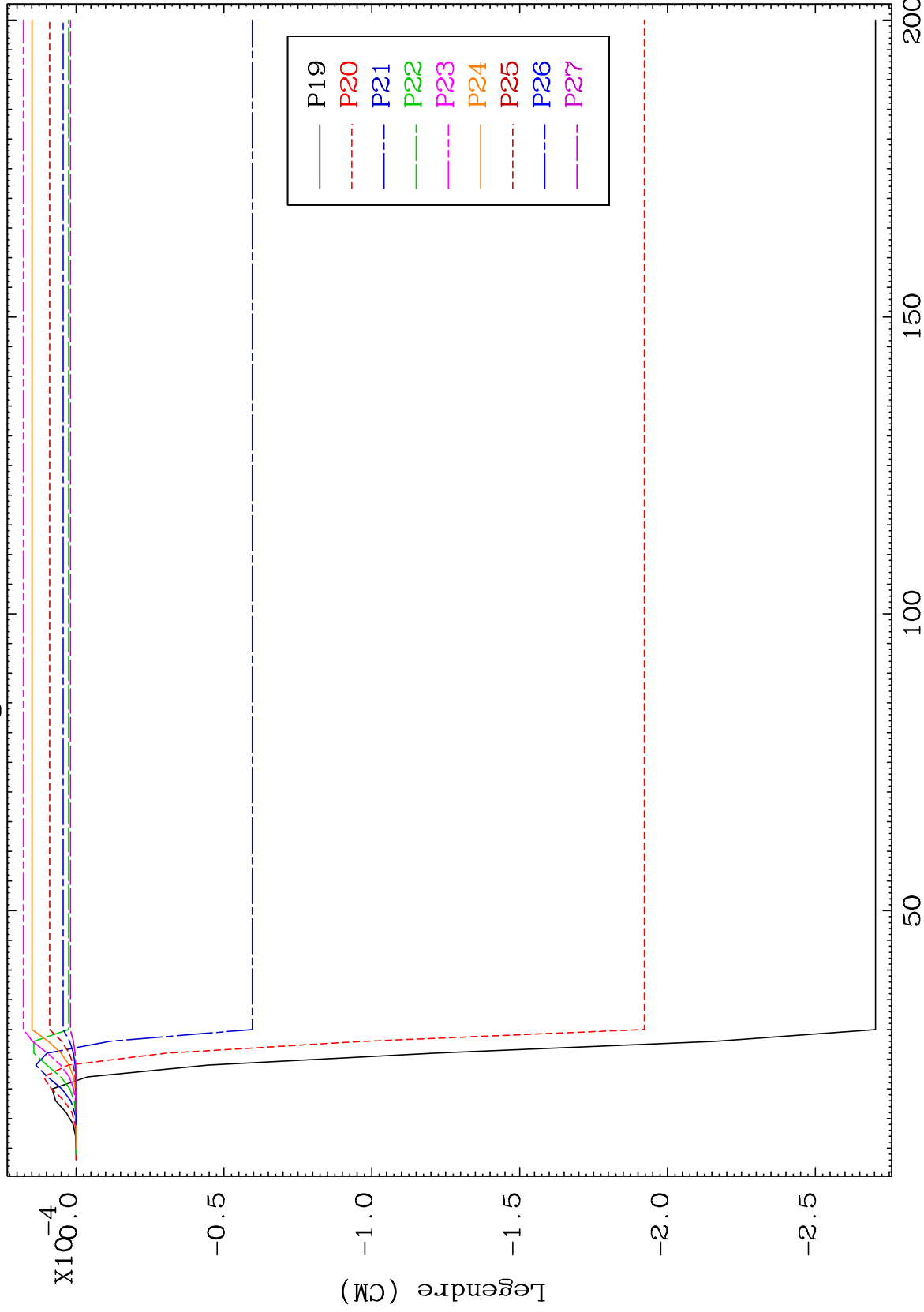
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



97

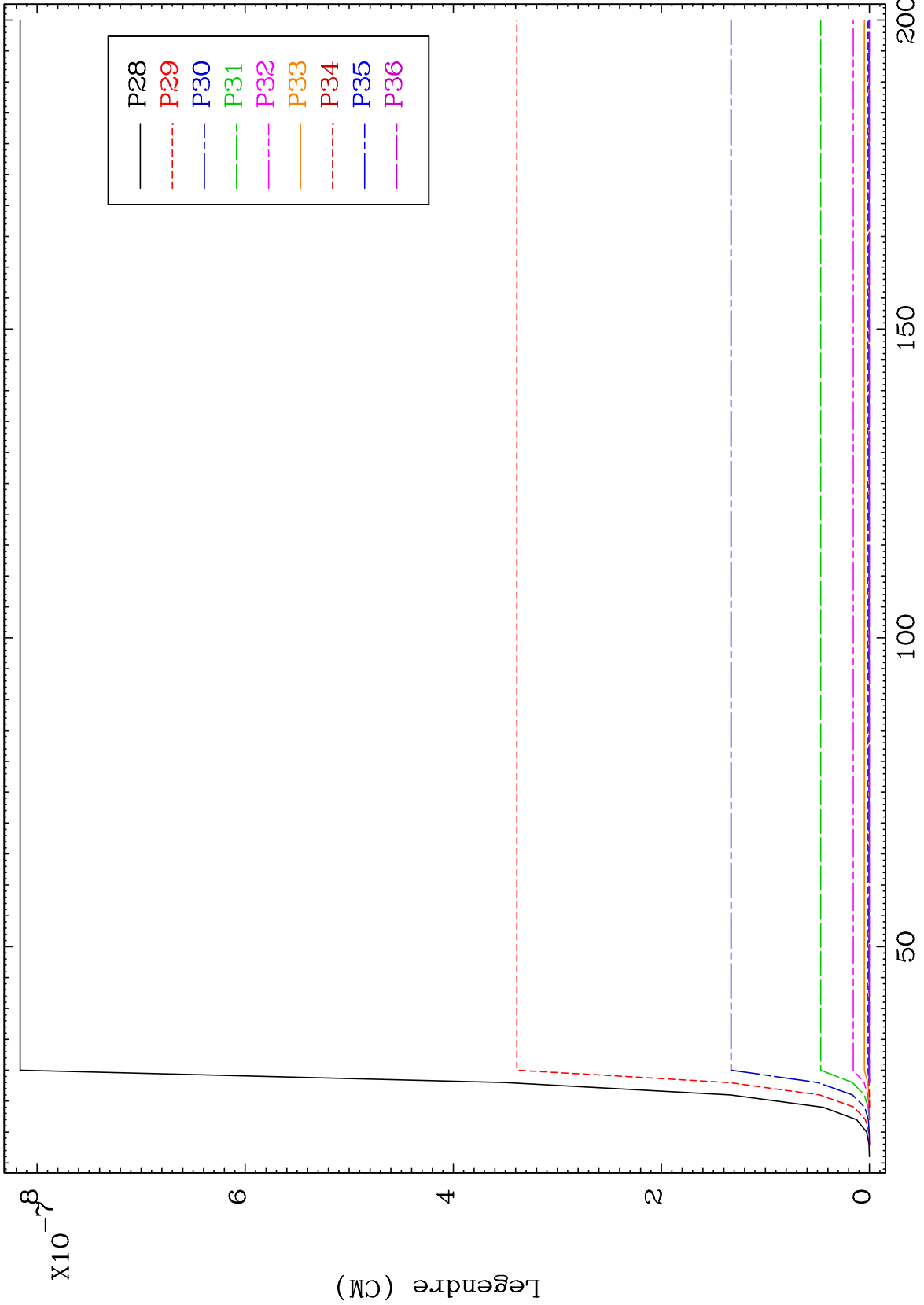
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



98

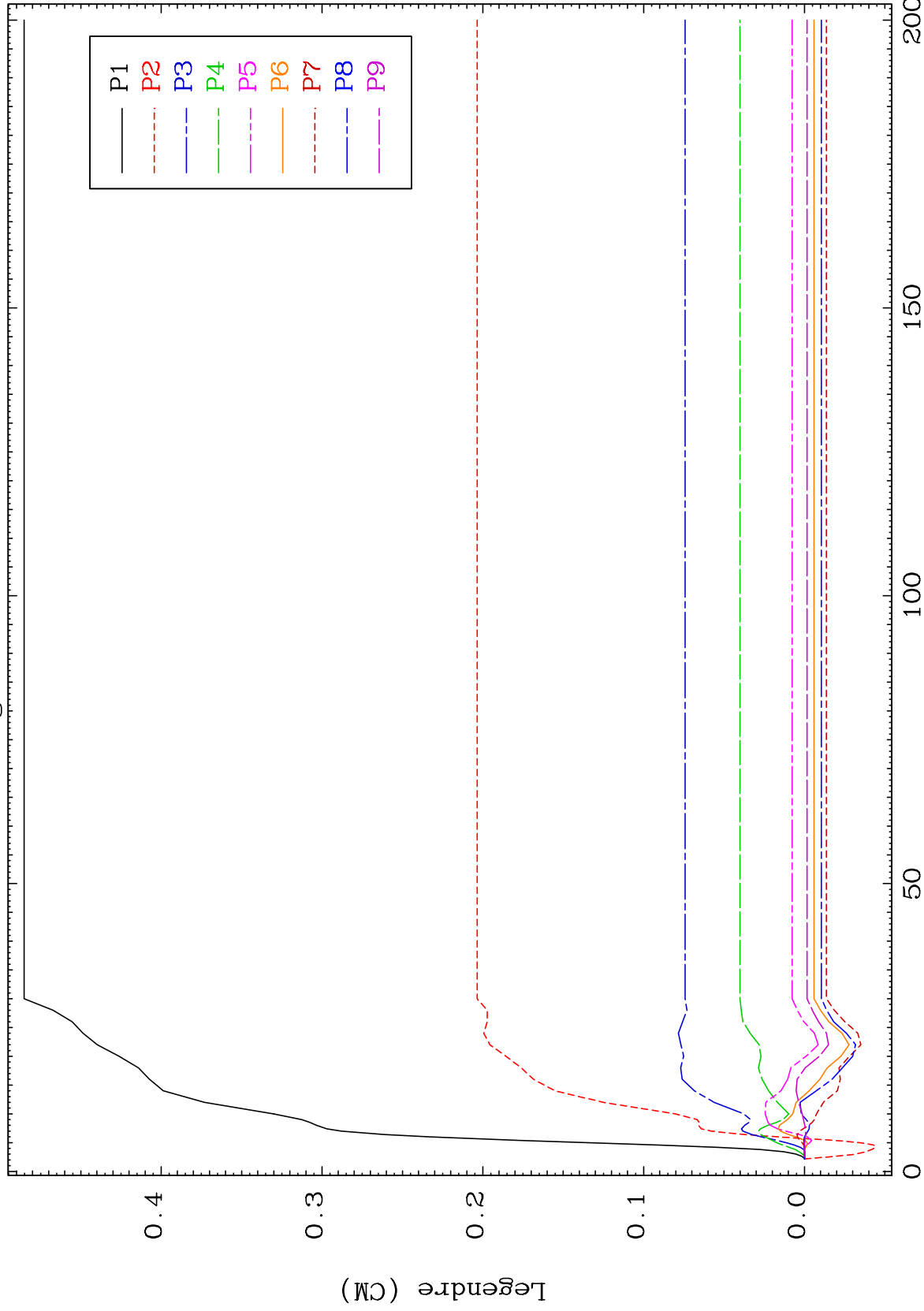
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



99

Incident Energy (MeV)

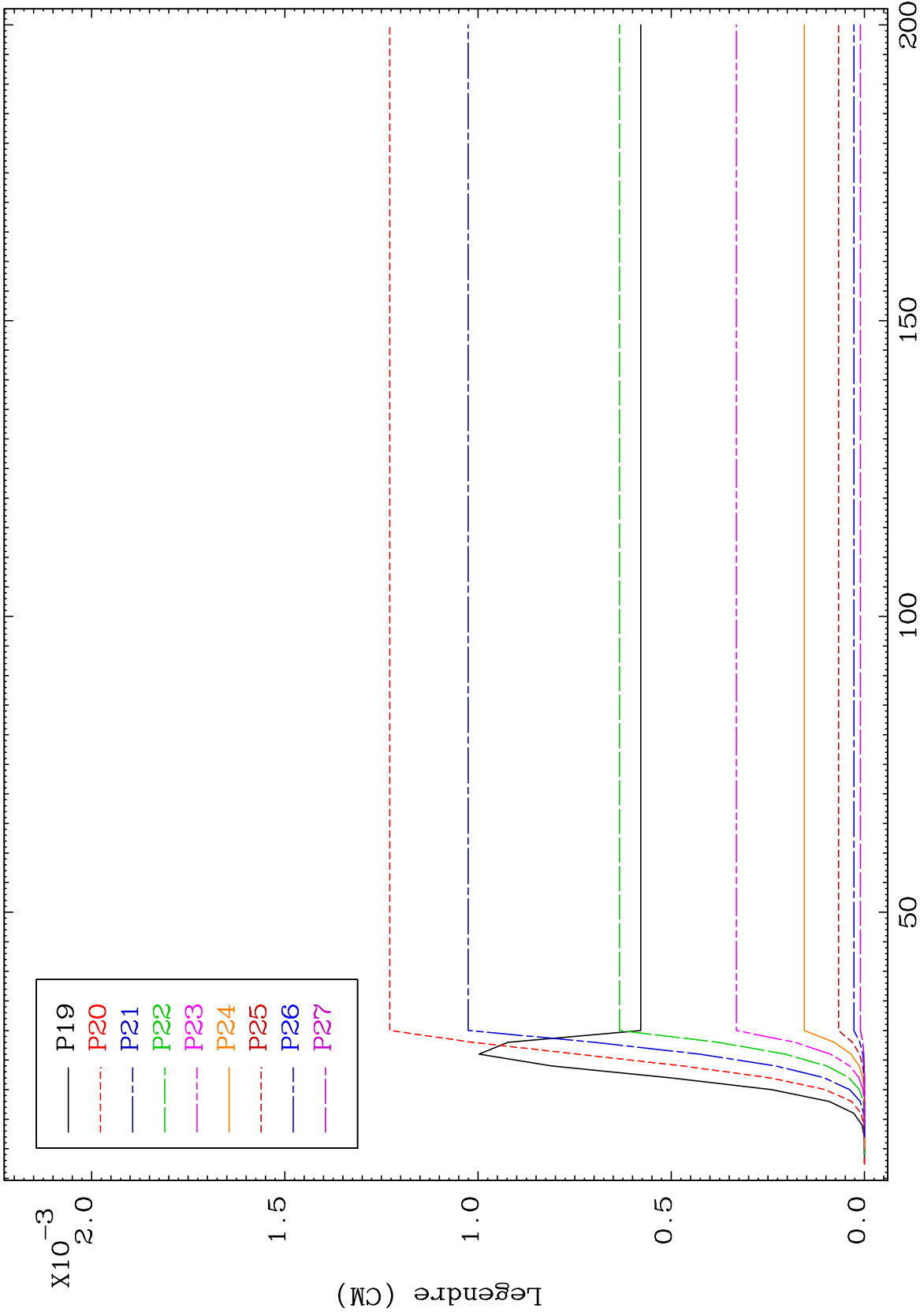
62-Sm-148



MAT 6237

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

62-Sm-148



101

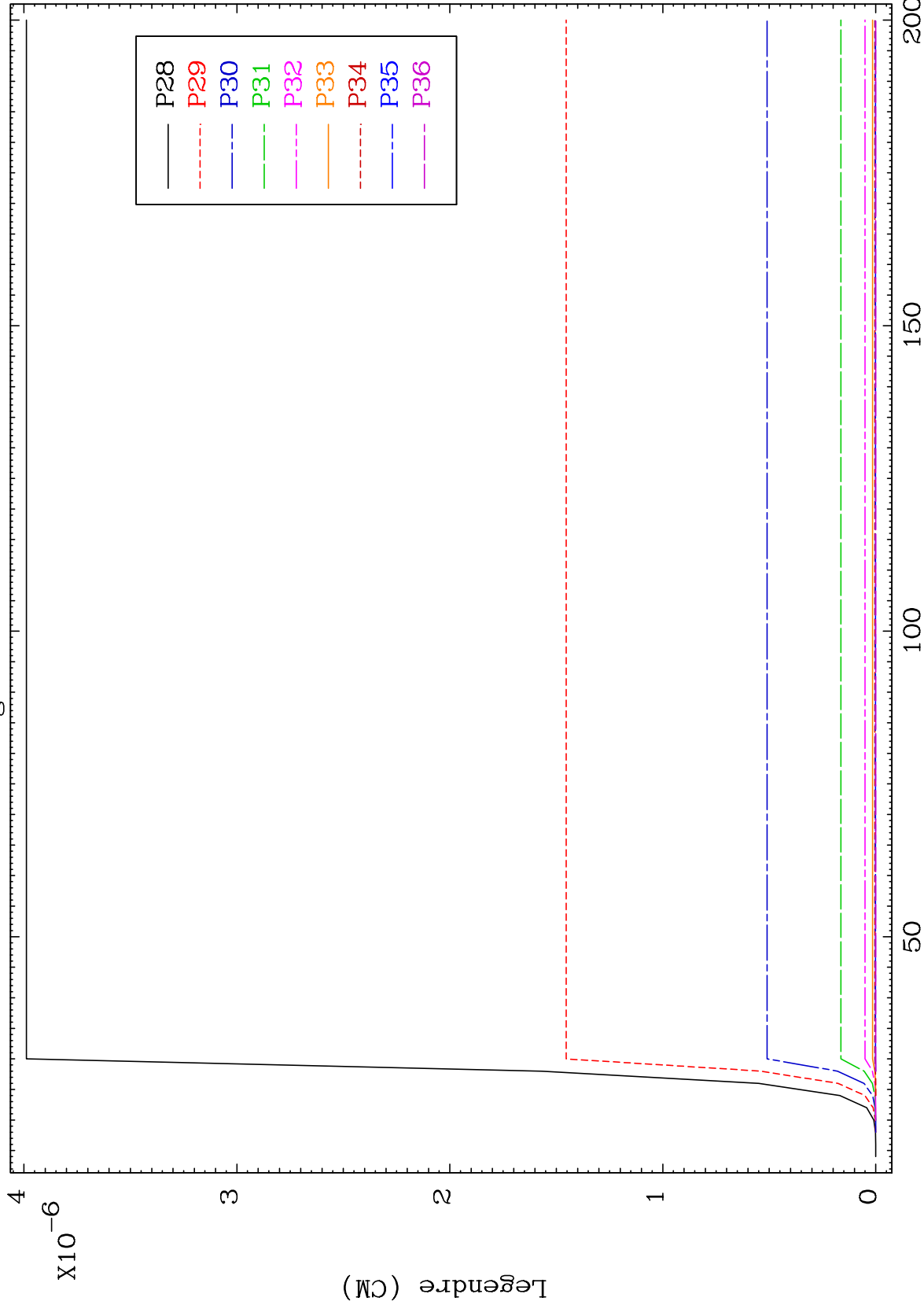
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



102

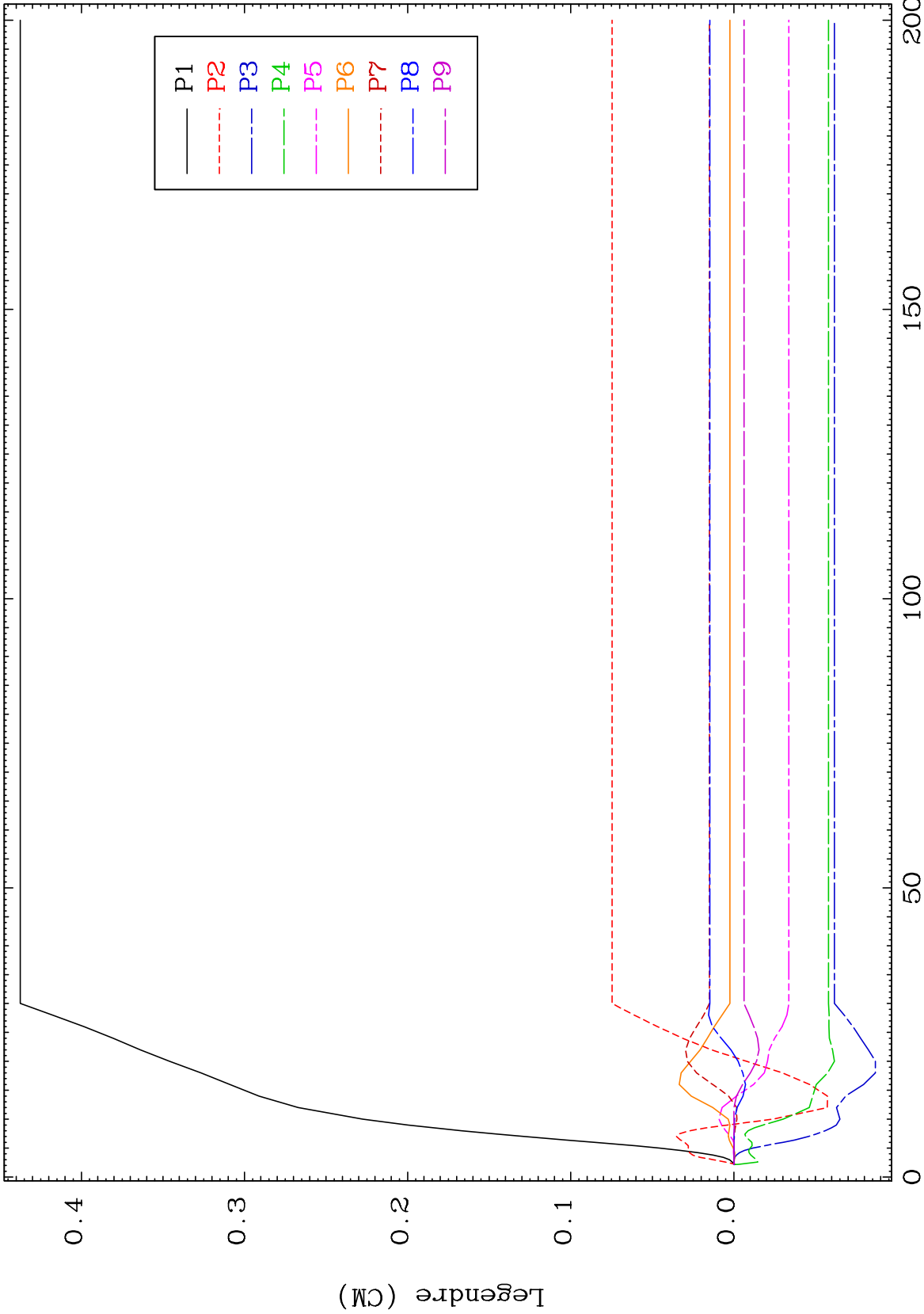
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



103

Incident Energy (MeV)

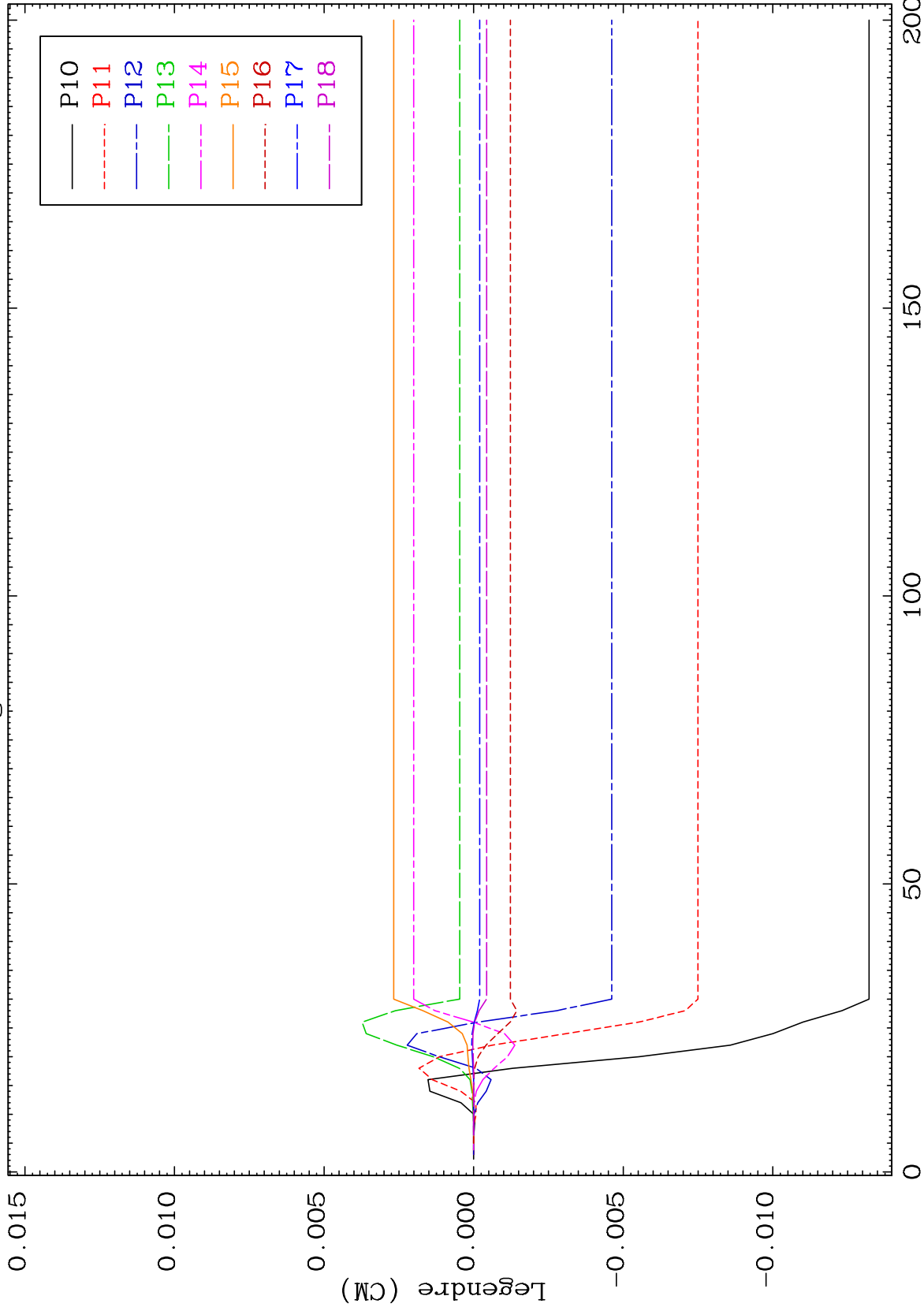
62-Sm-148



MAT 6237

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

62-Sm-148



104

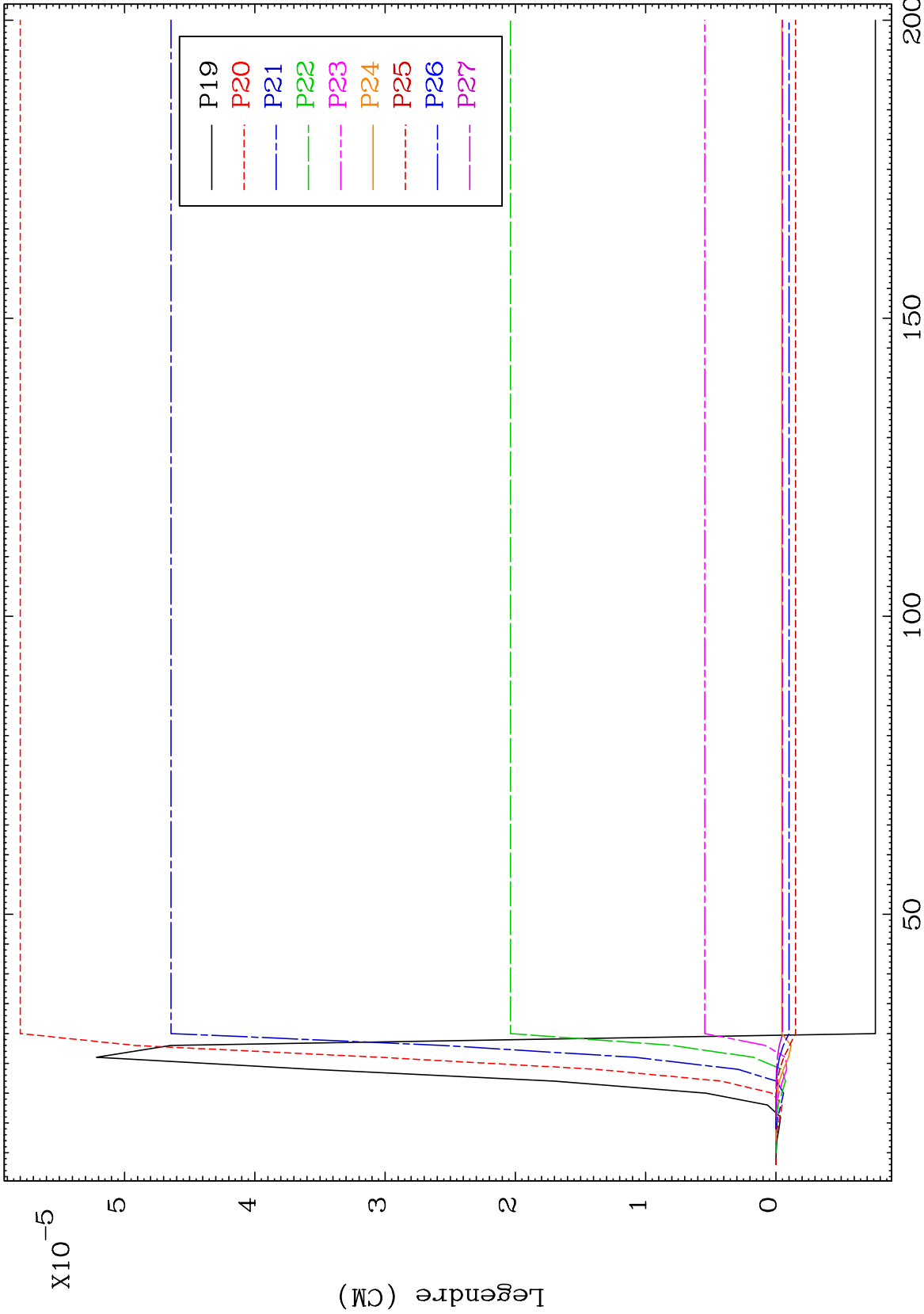
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



105

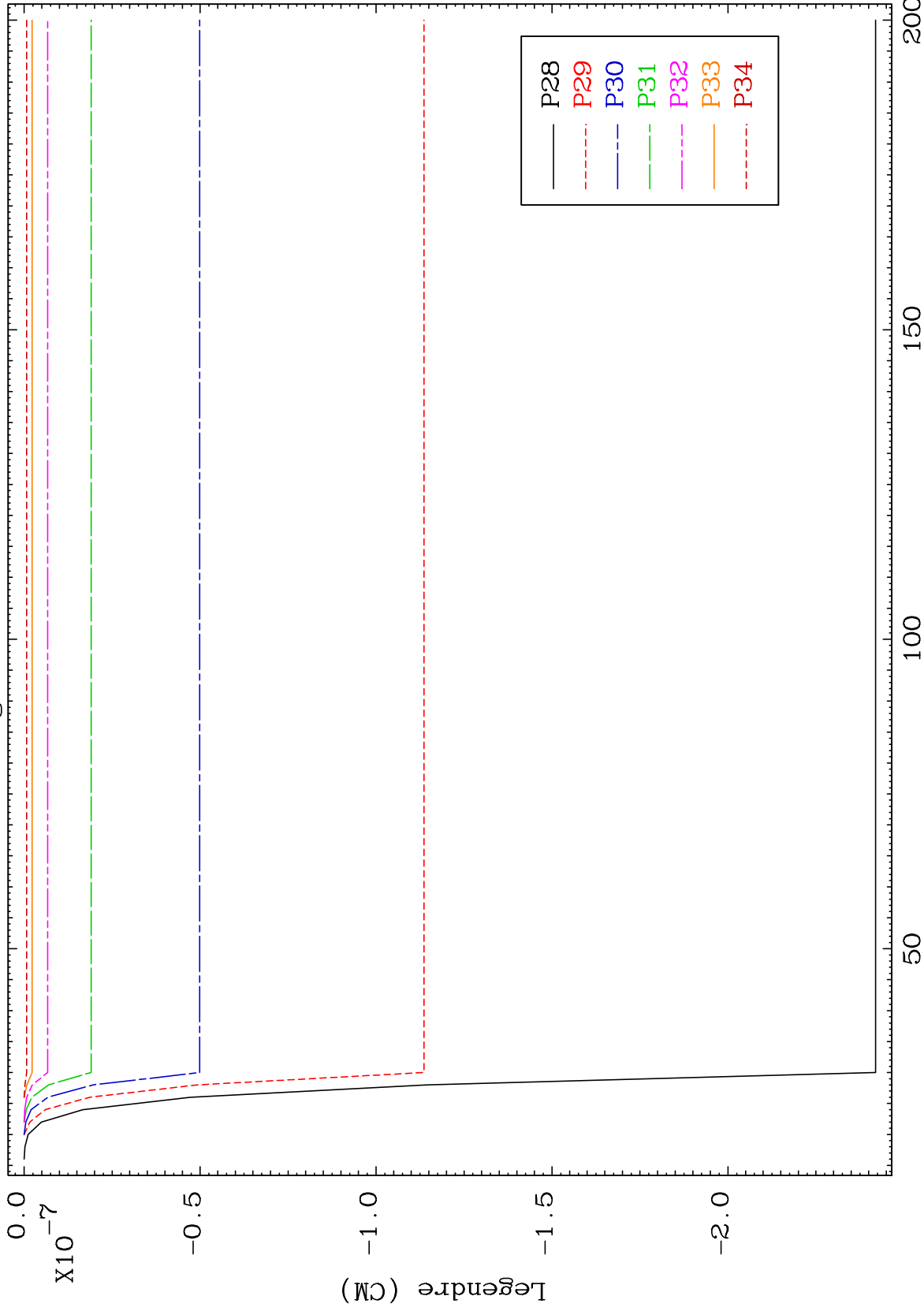
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



62-Sm-148

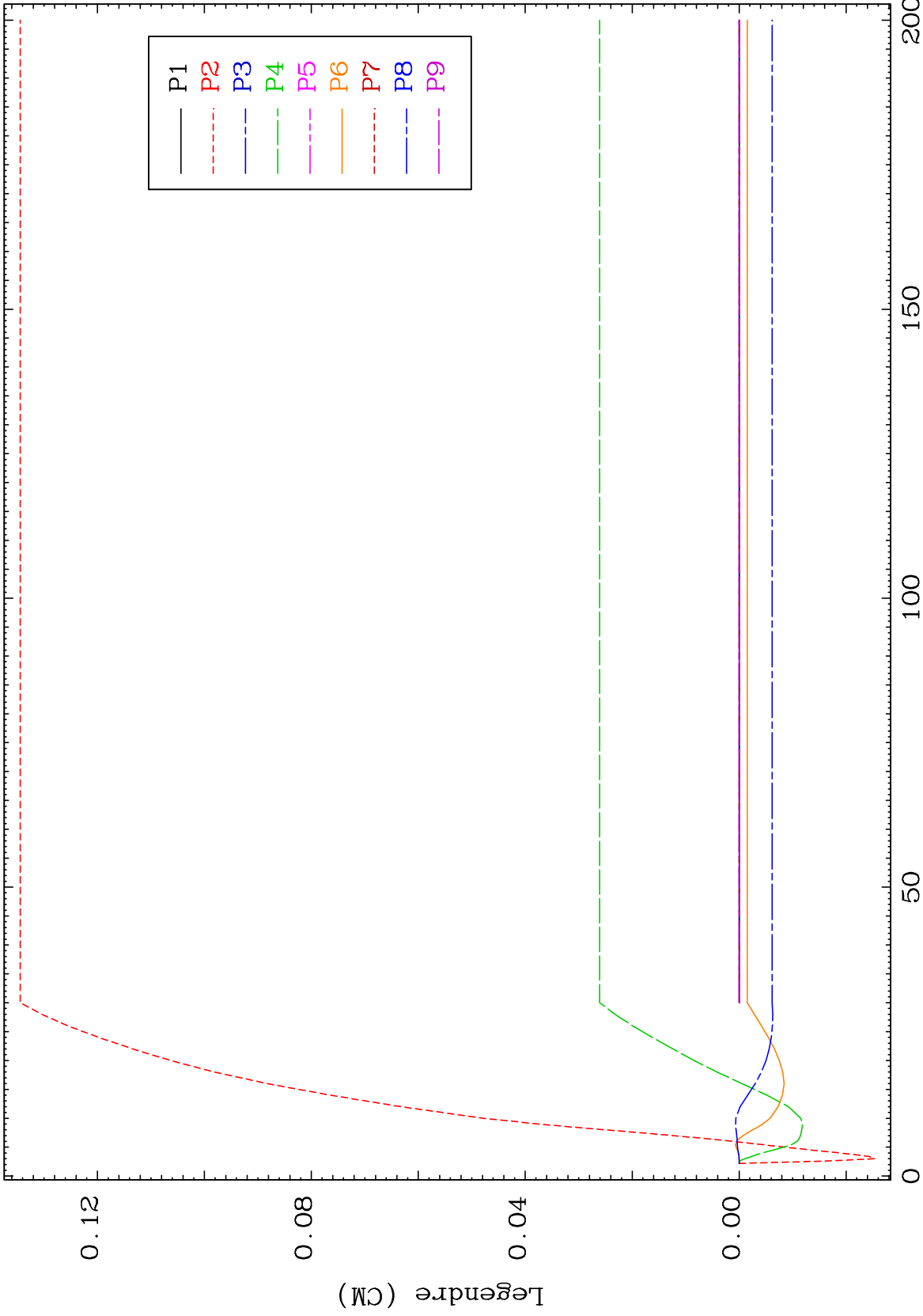
Incident Energy (MeV)

106

MAT 6237

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

62-Sm-148



107

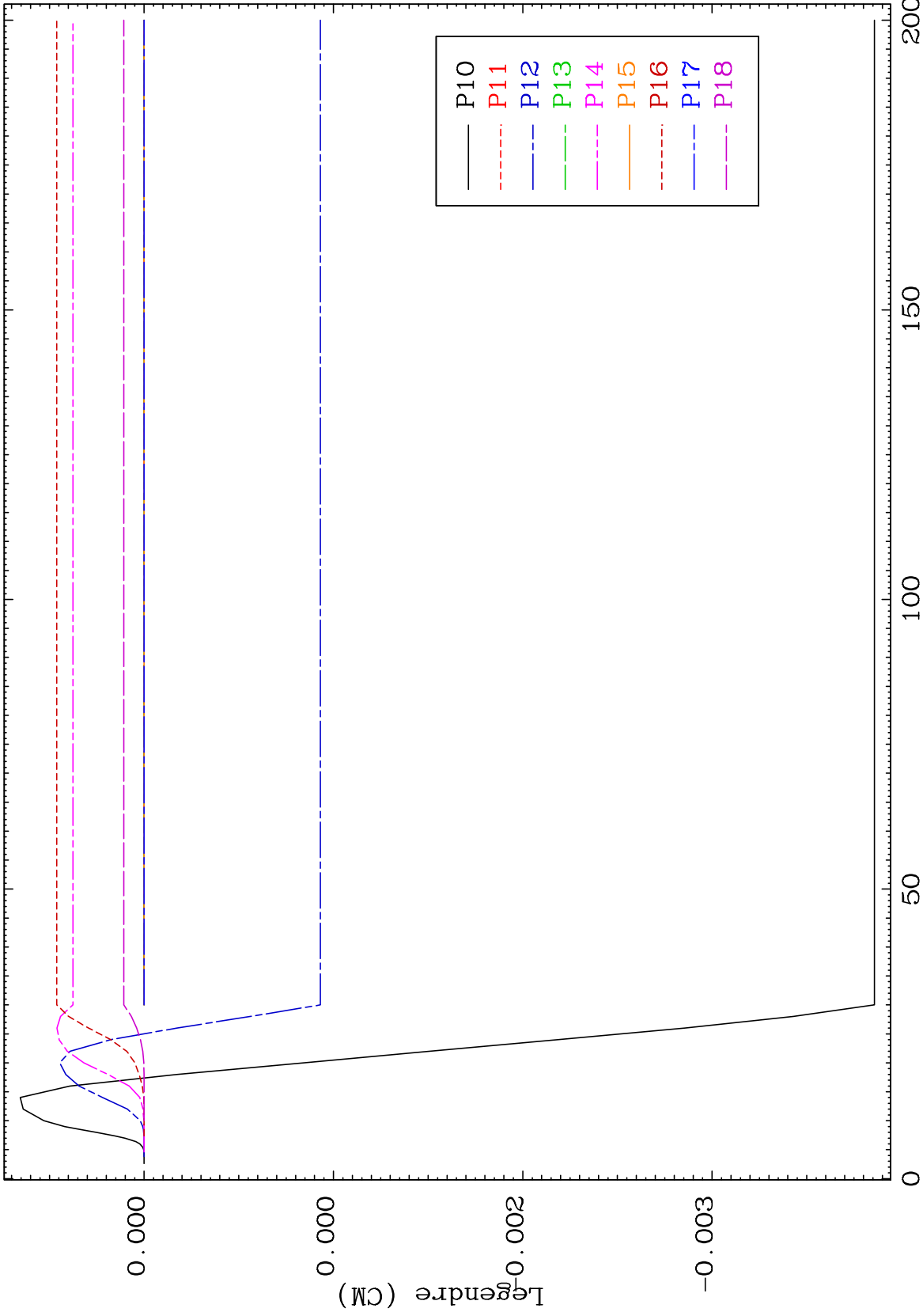
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



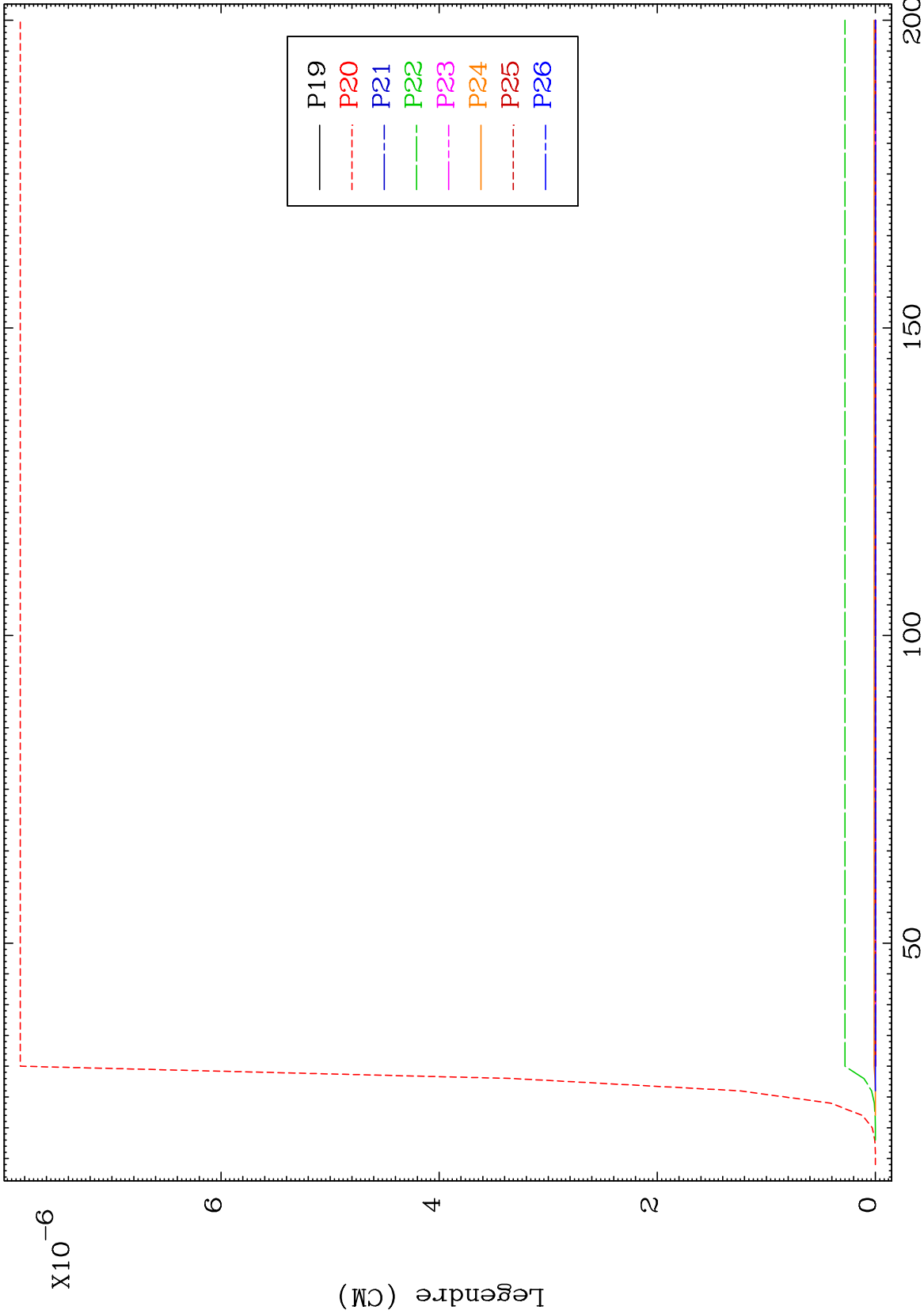
108

62-Sm-148

MAT 6237

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

62-Sm-148



109

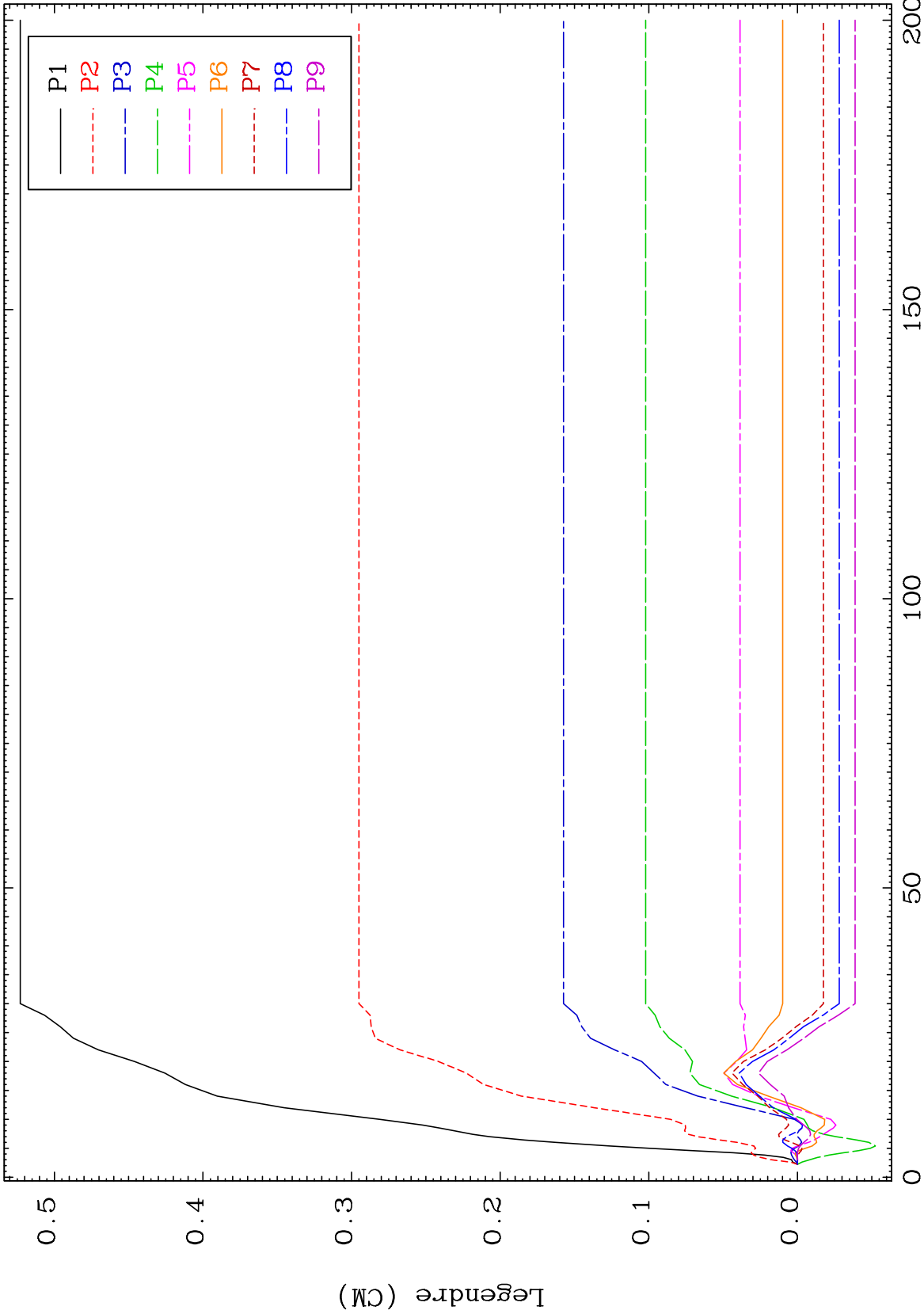
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



110

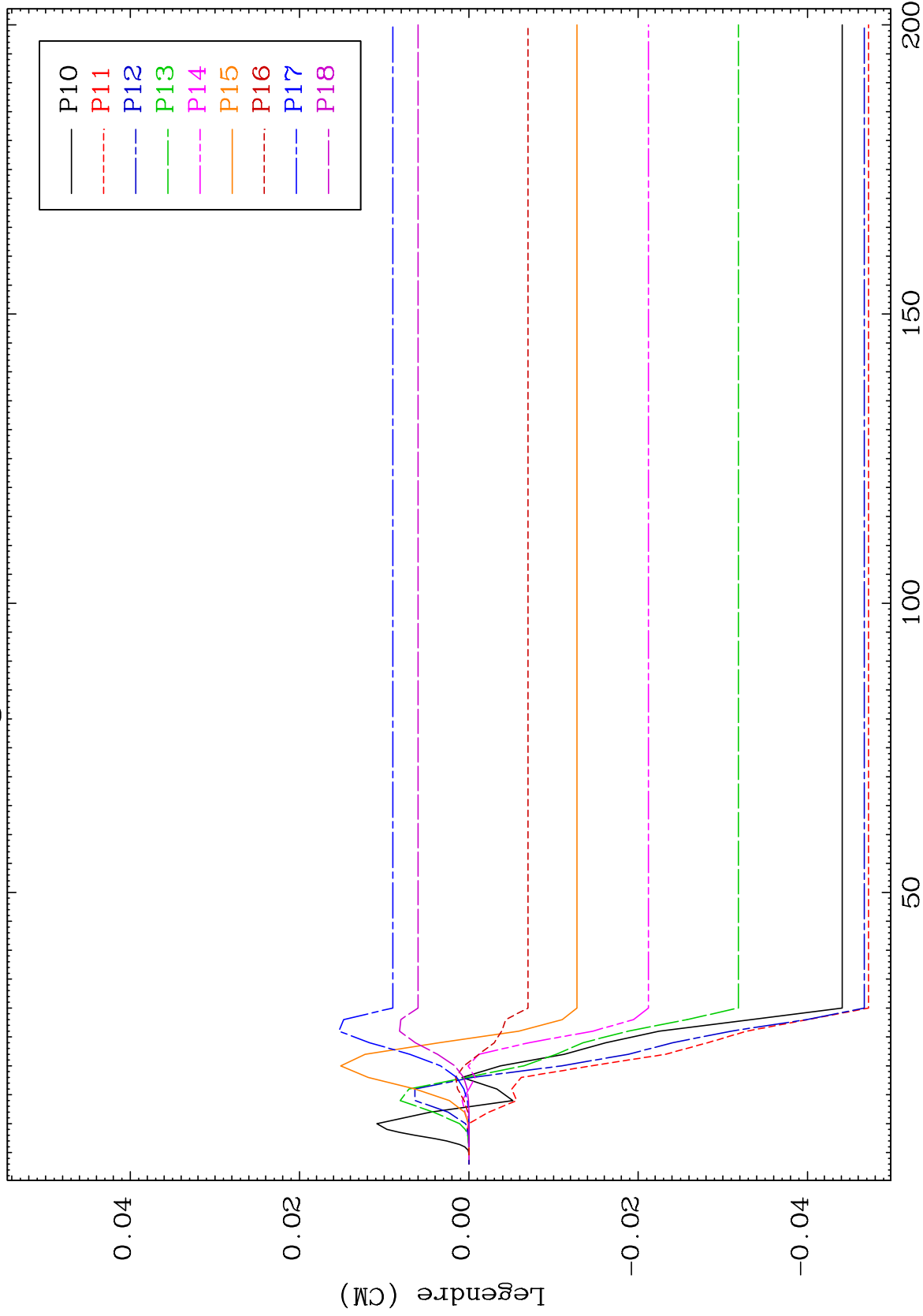
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



111

Incident Energy (MeV)

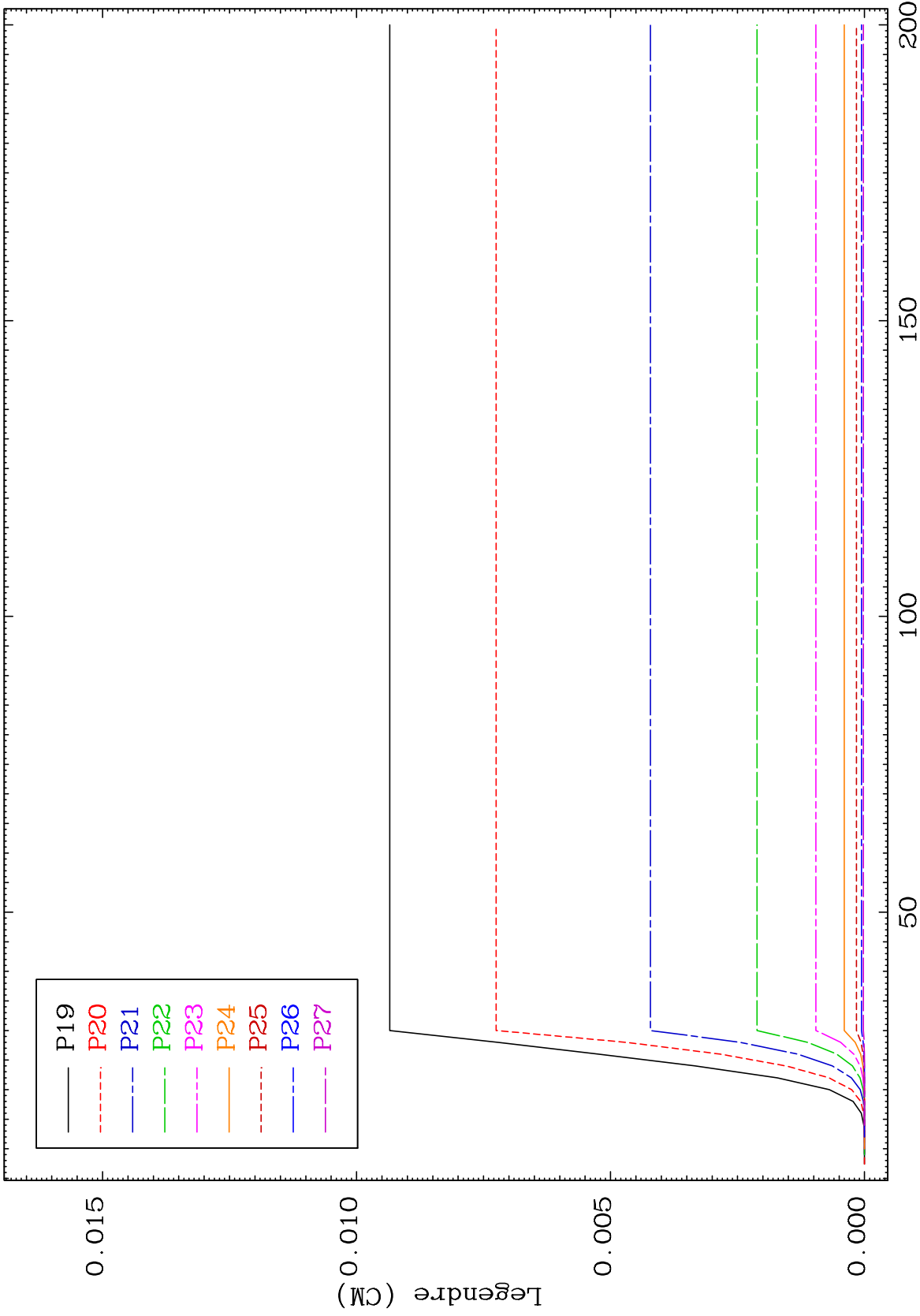
62-Sm-148



MAT 6237

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

62-Sm-148



112

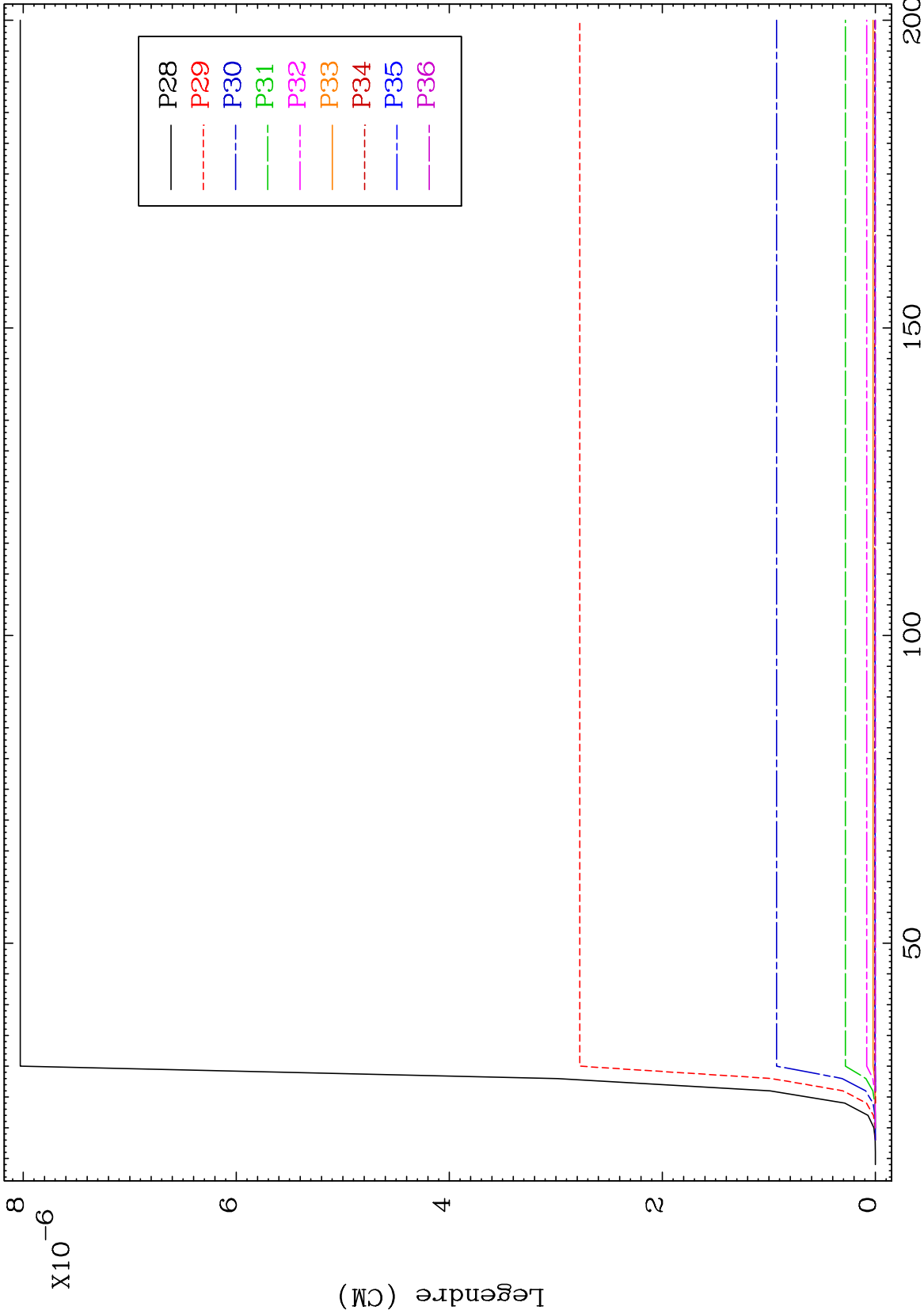
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



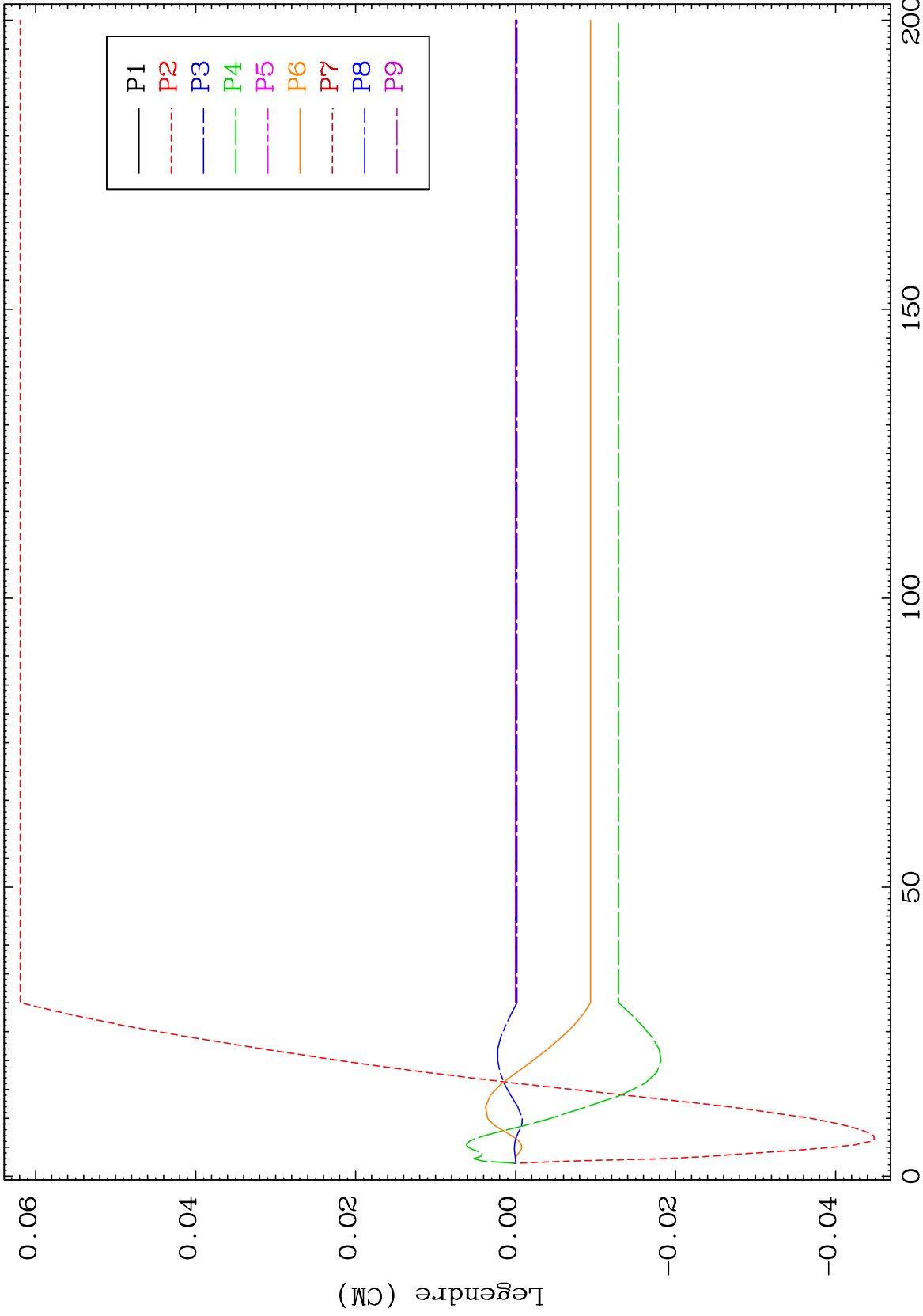
113

62-Sm-148

MAT 6237

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

62-Sm-148



114

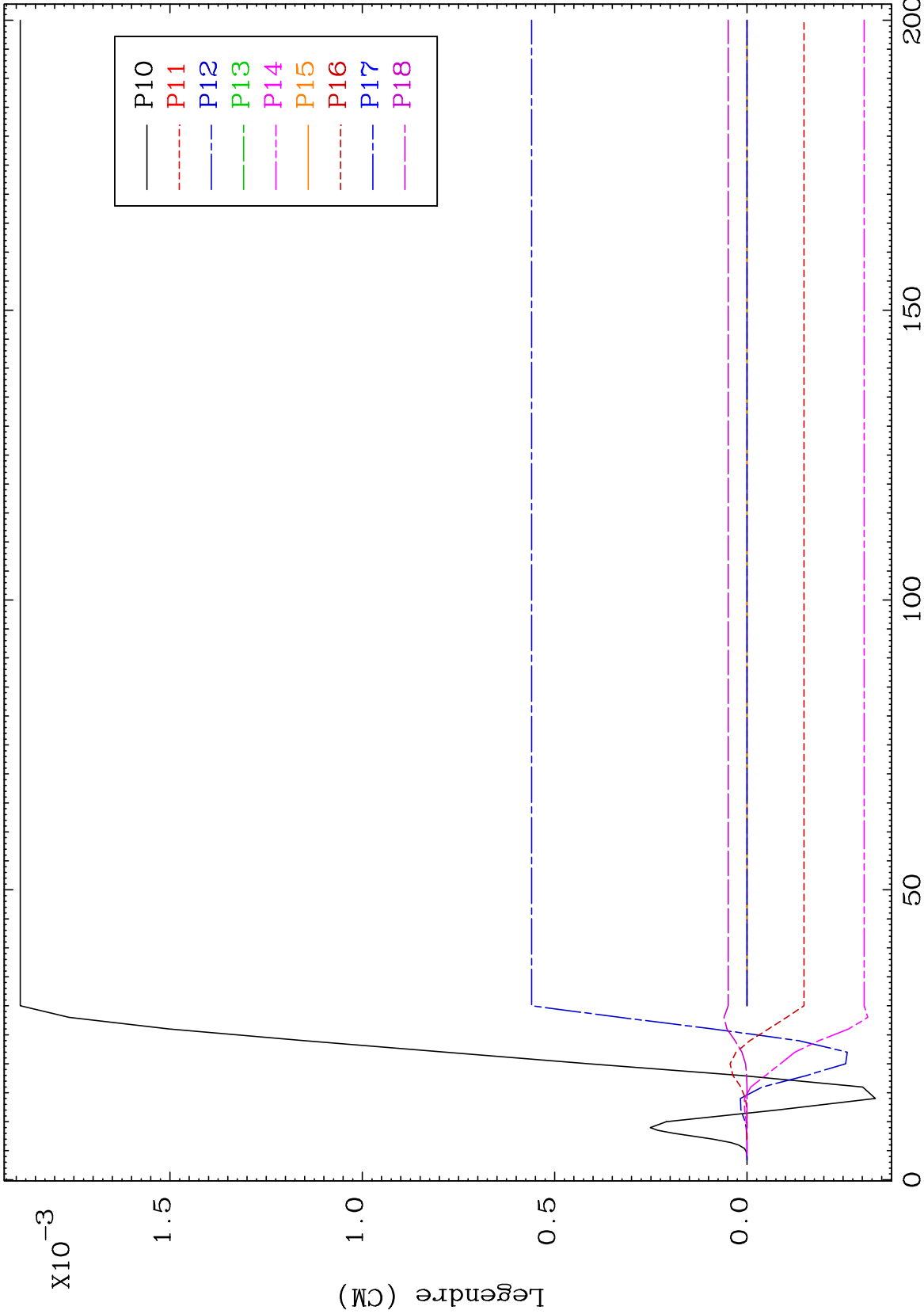
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



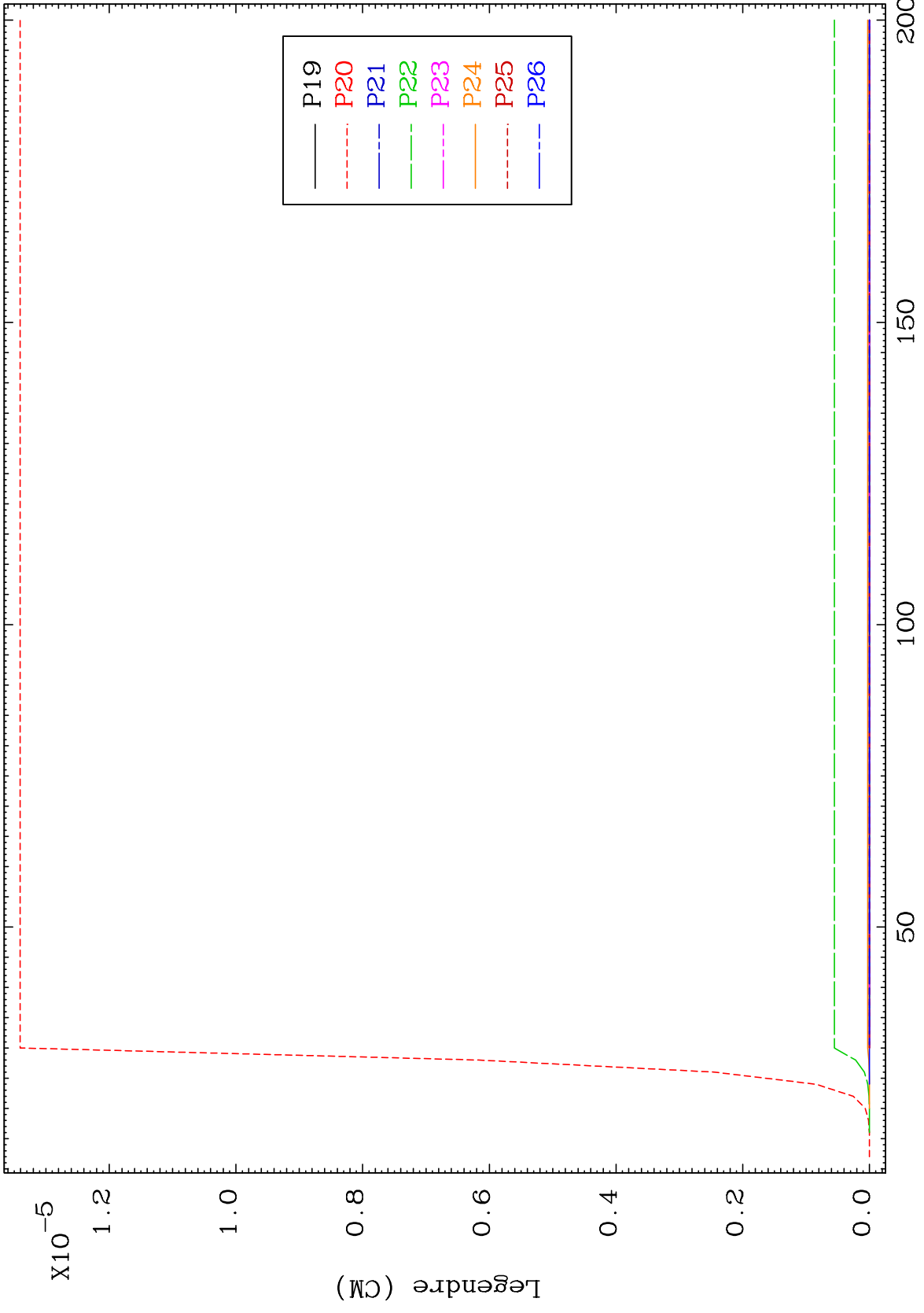
115

62-Sm-148

MAT 6237

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

62-Sm-148



116

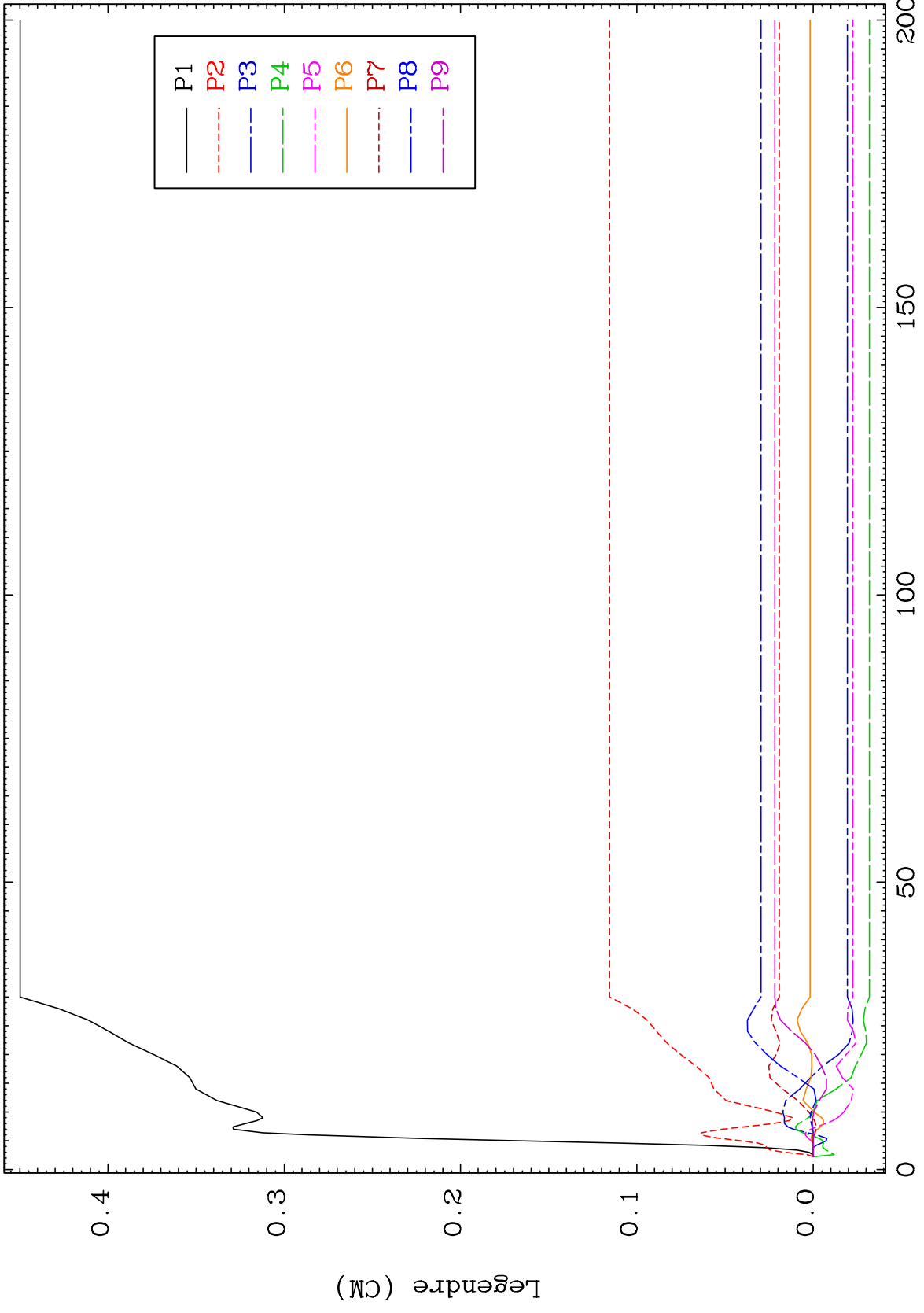
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



62-Sm-148

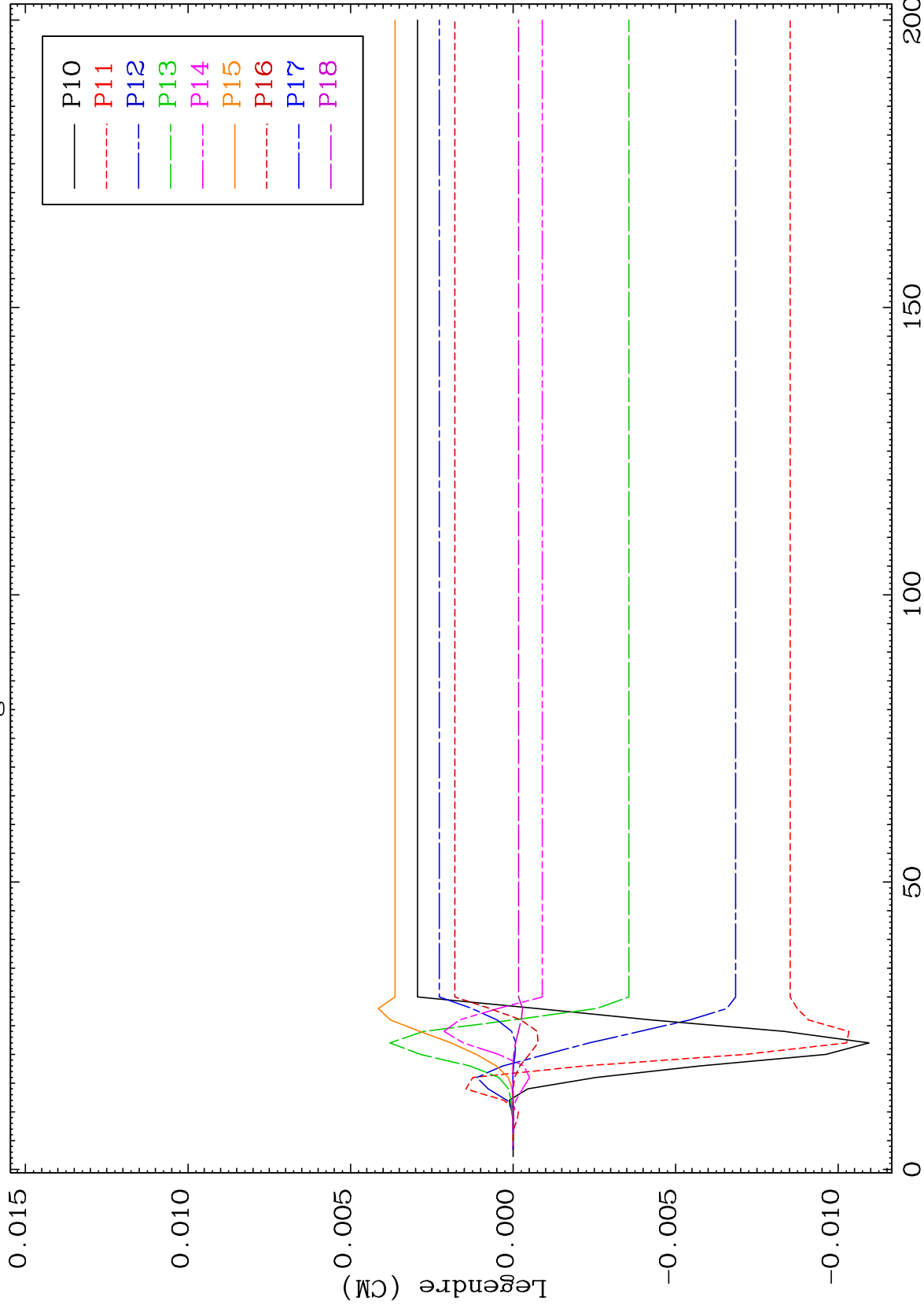
Incident Energy (MeV)

117

MAT 6237

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

62-Sm-148



118

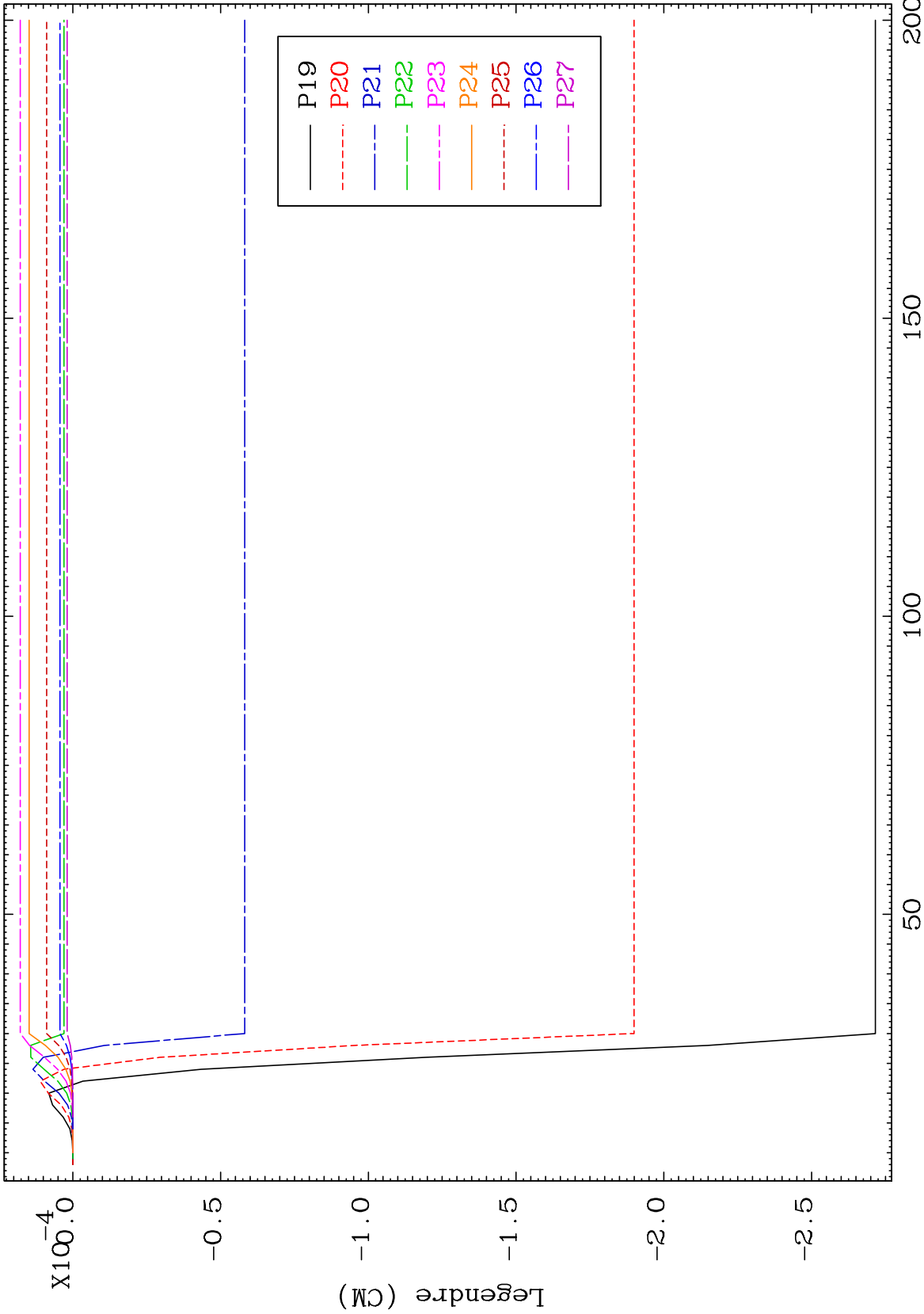
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



119

Incident Energy (MeV)

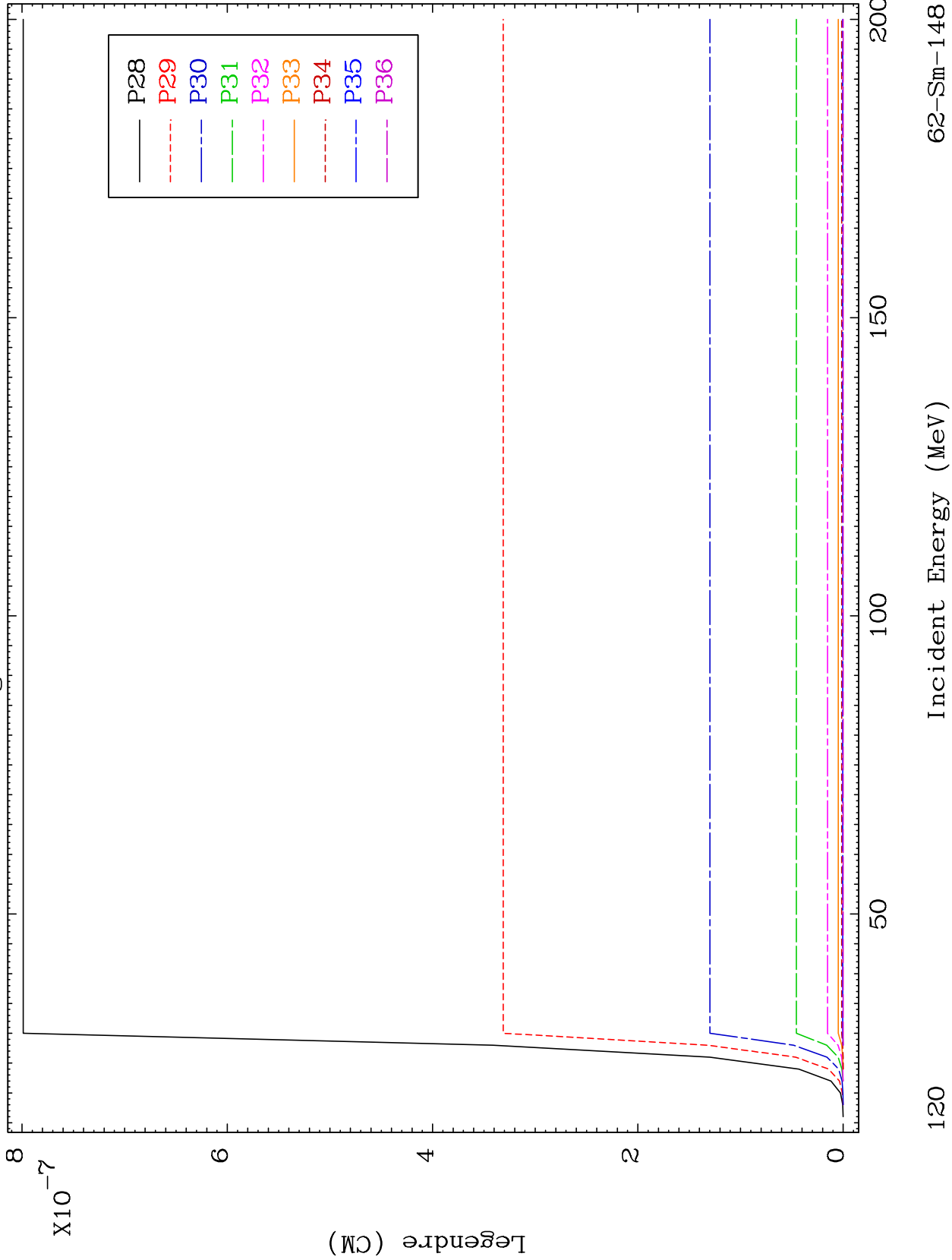
62-Sm-148



MAT 6237

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

62-Sm-148

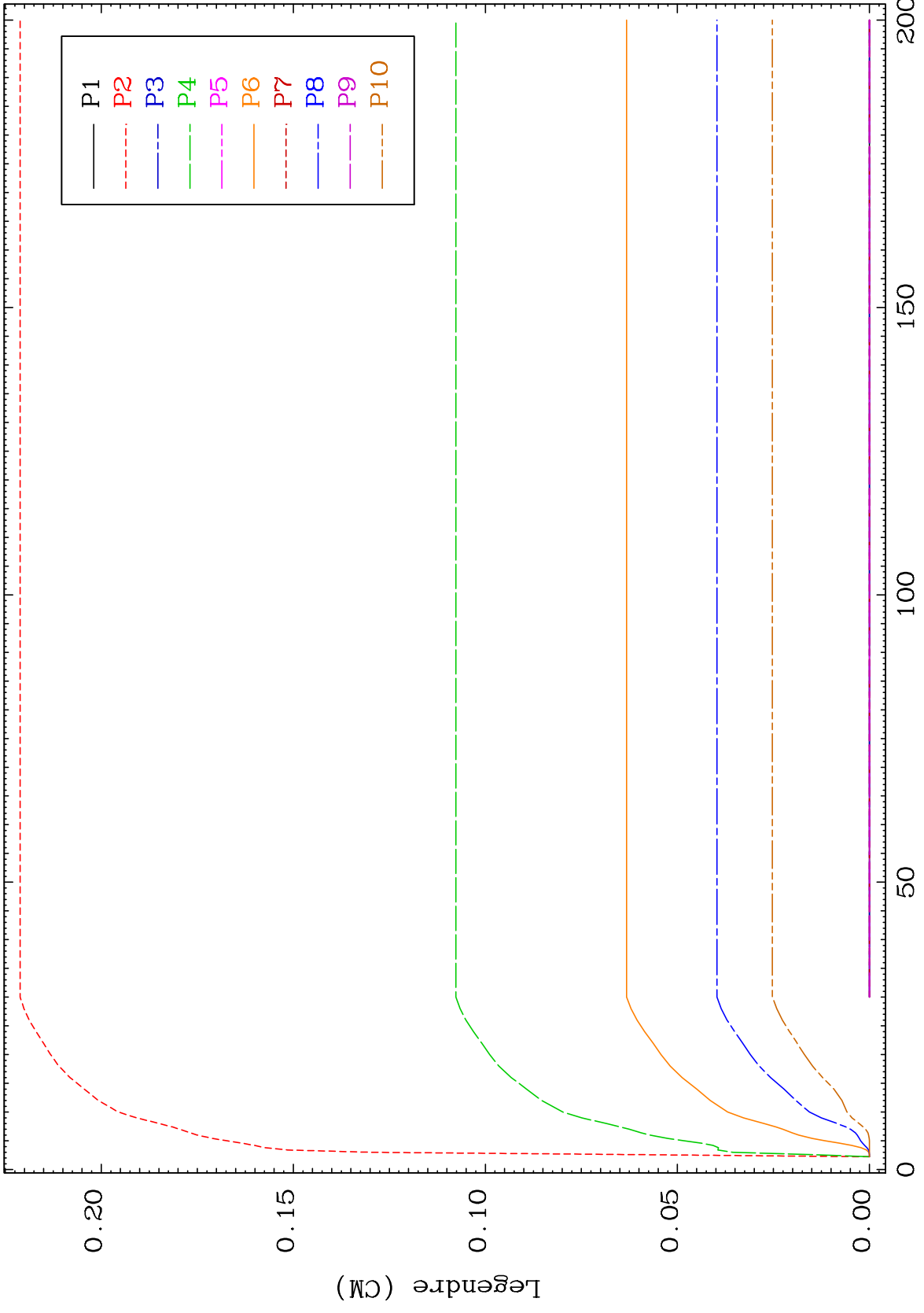


62-Sm-148

MAT 6237

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

62-Sm-148



121

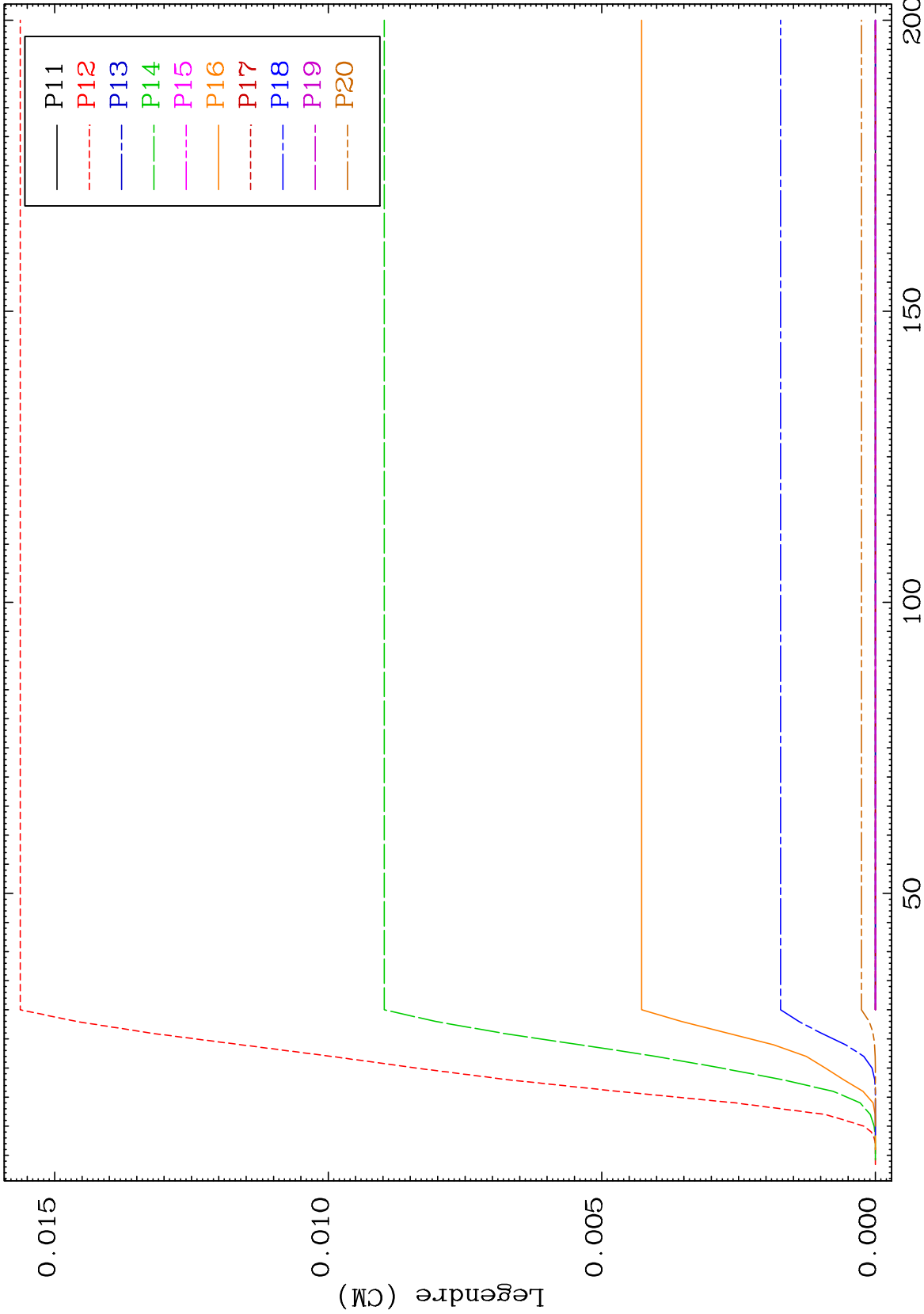
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



122

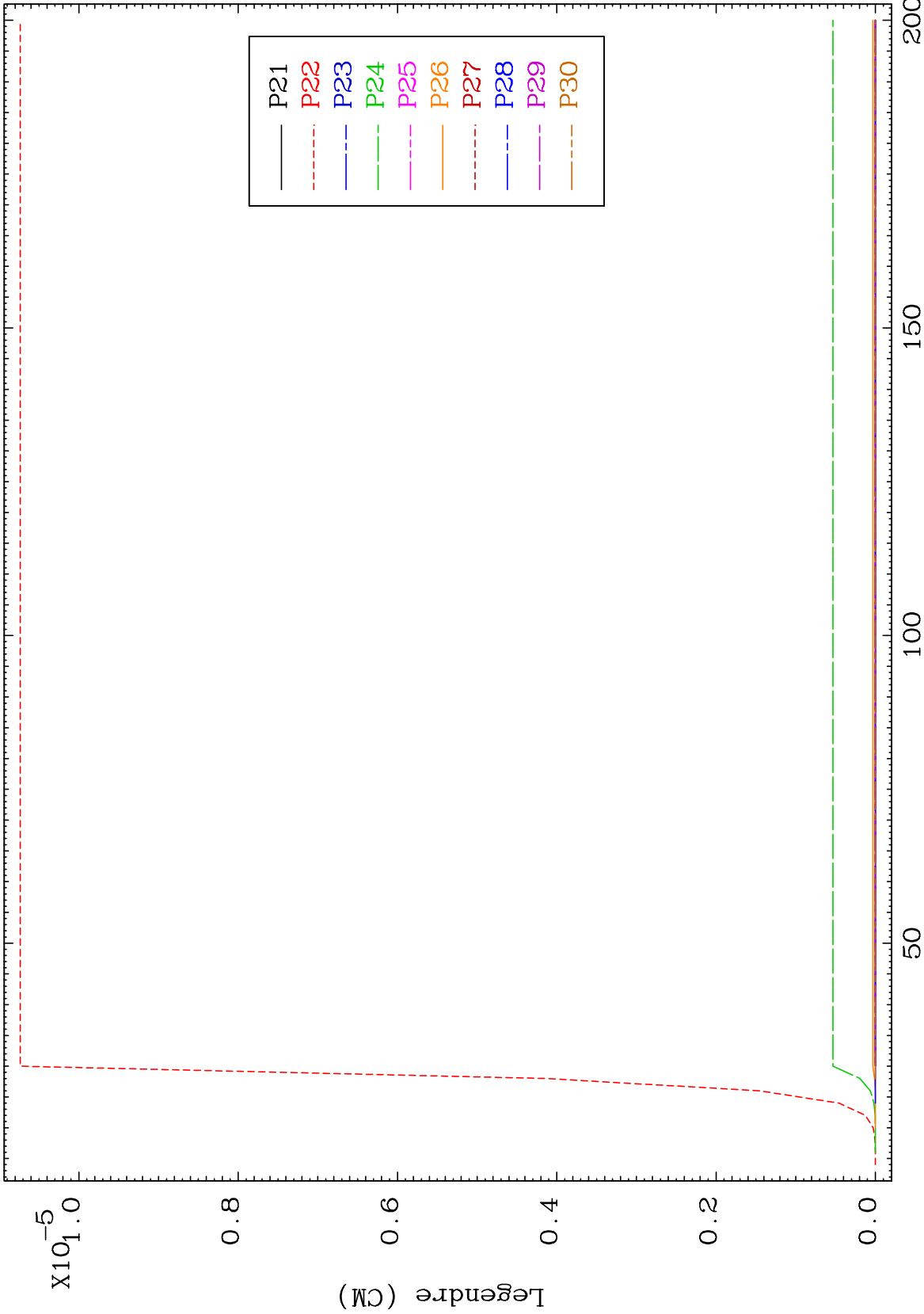
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



123

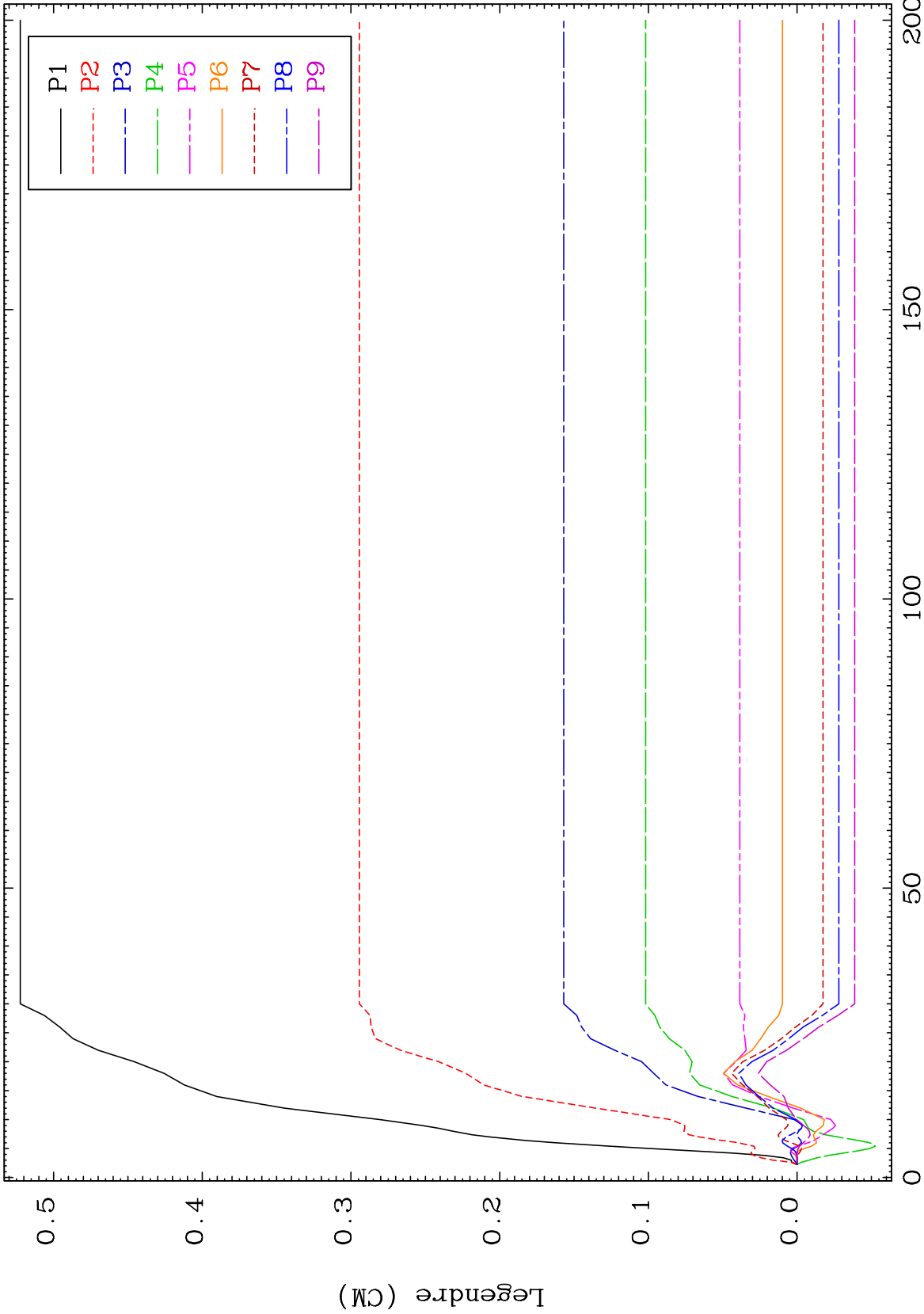
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



124

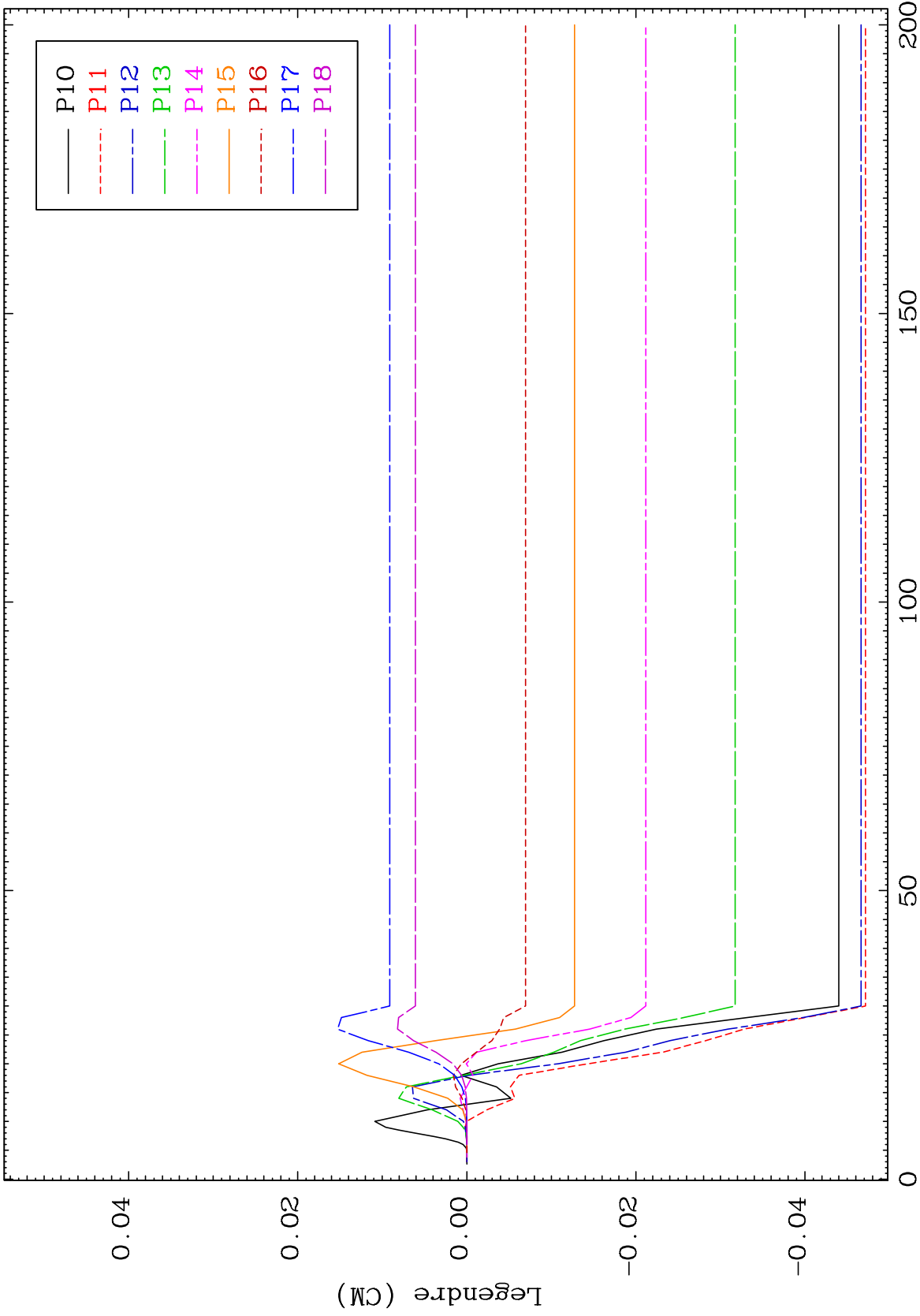
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



125

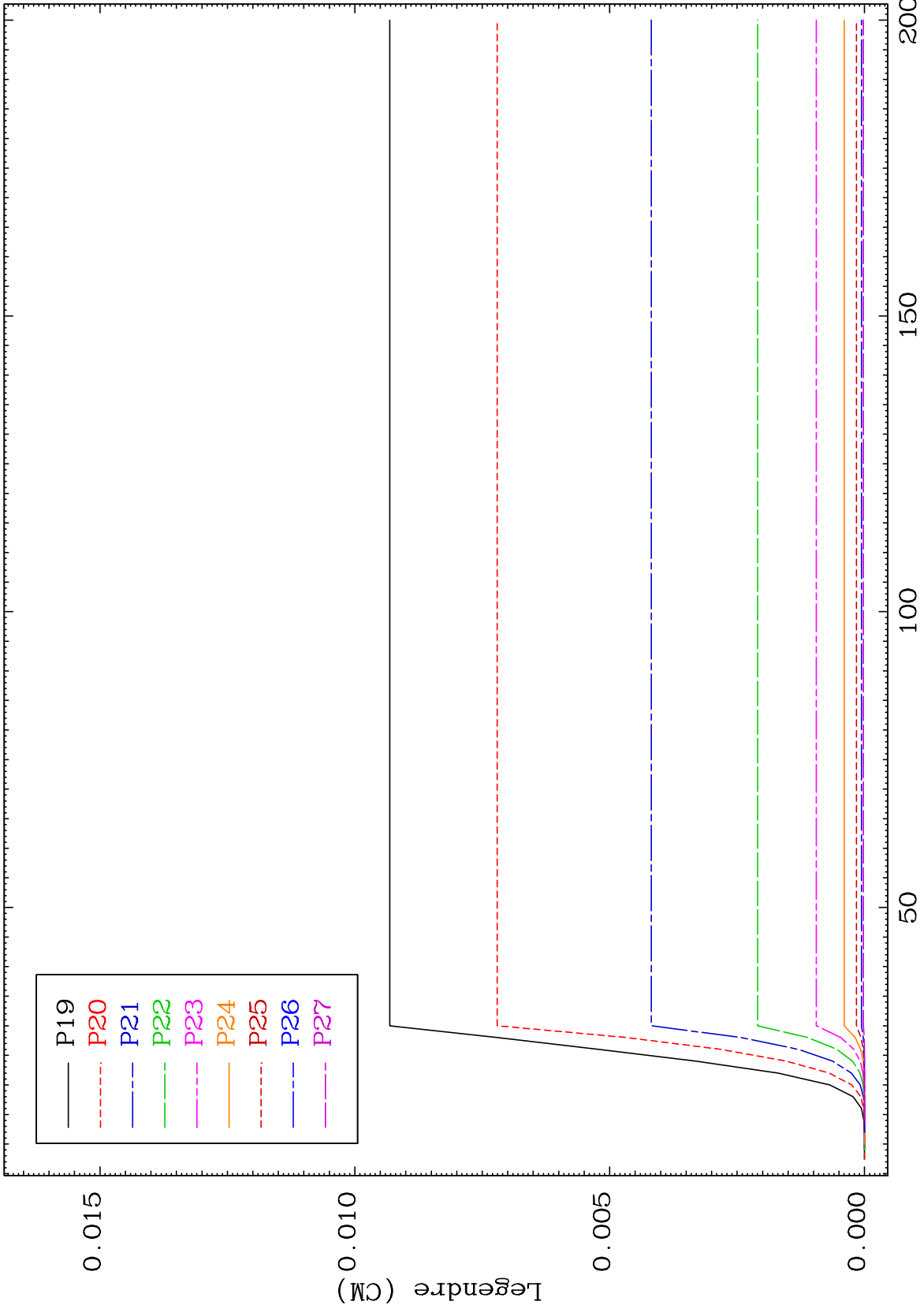
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



126

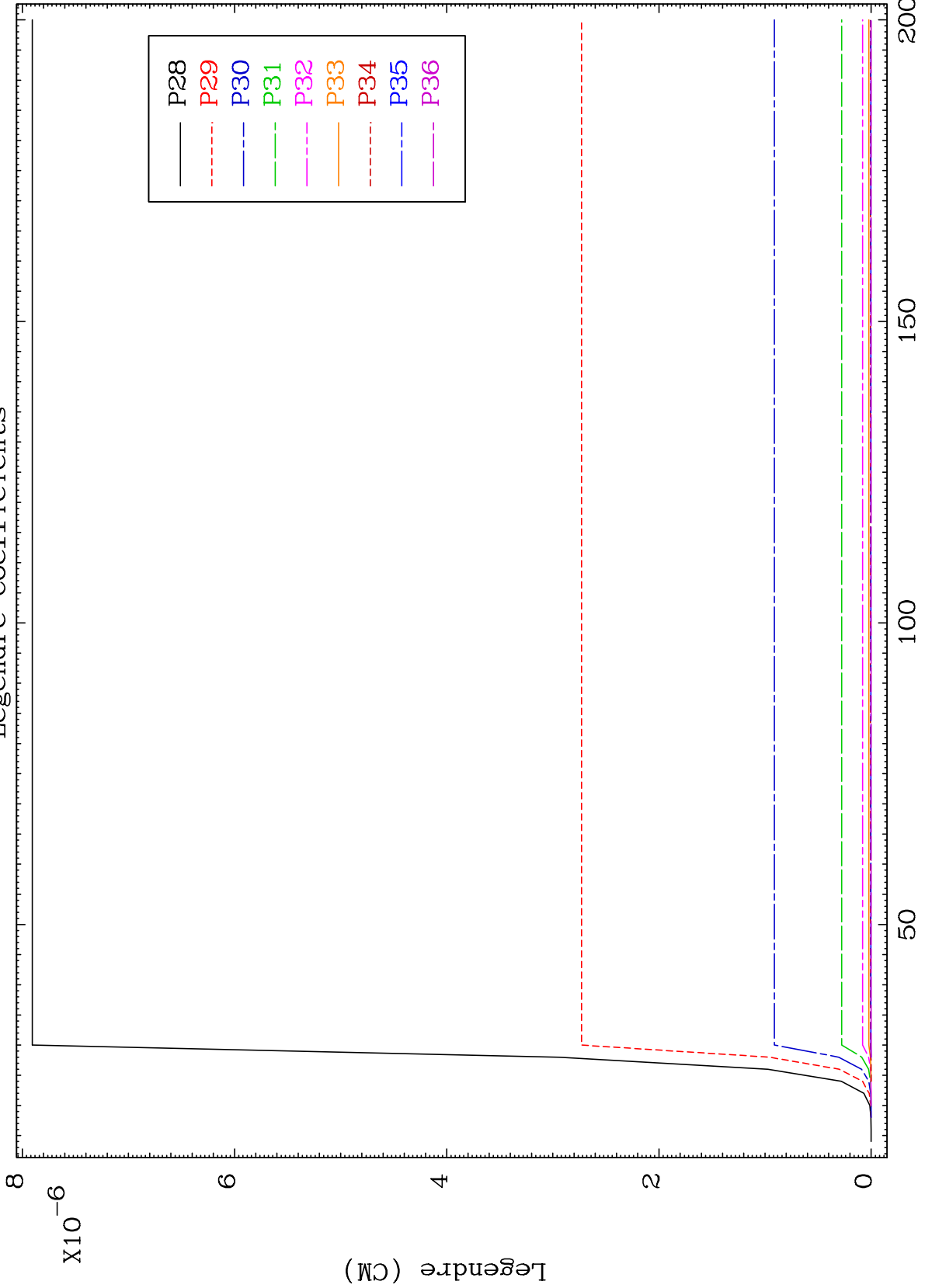
Incident Energy (MeV)

62-Sm-148

MAT 6237

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

62-Sm-148



127

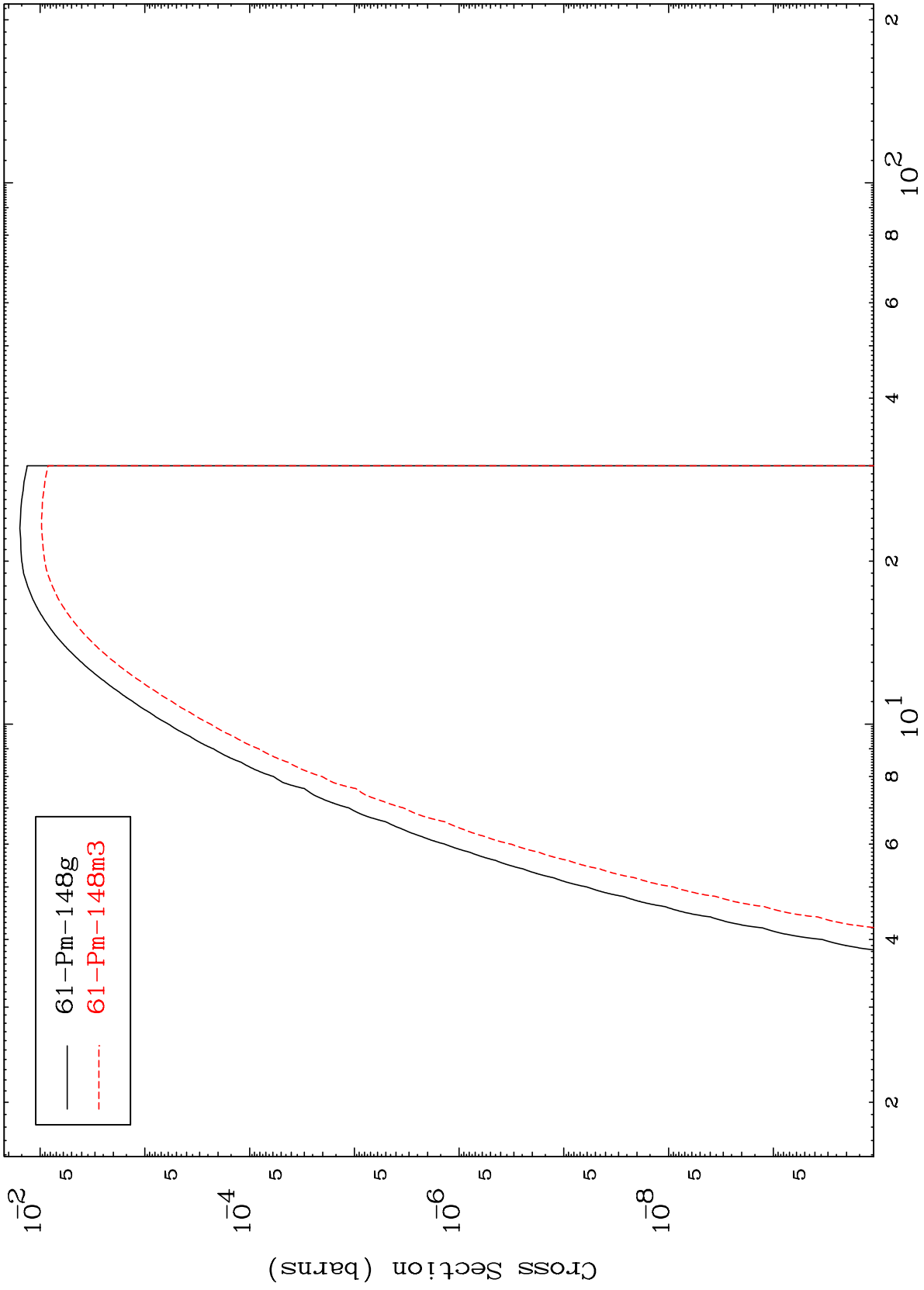
62-Sm-148



MAT 6237

62-Sm-148

(n,p)  
Radionuclide Production Cross Section



128

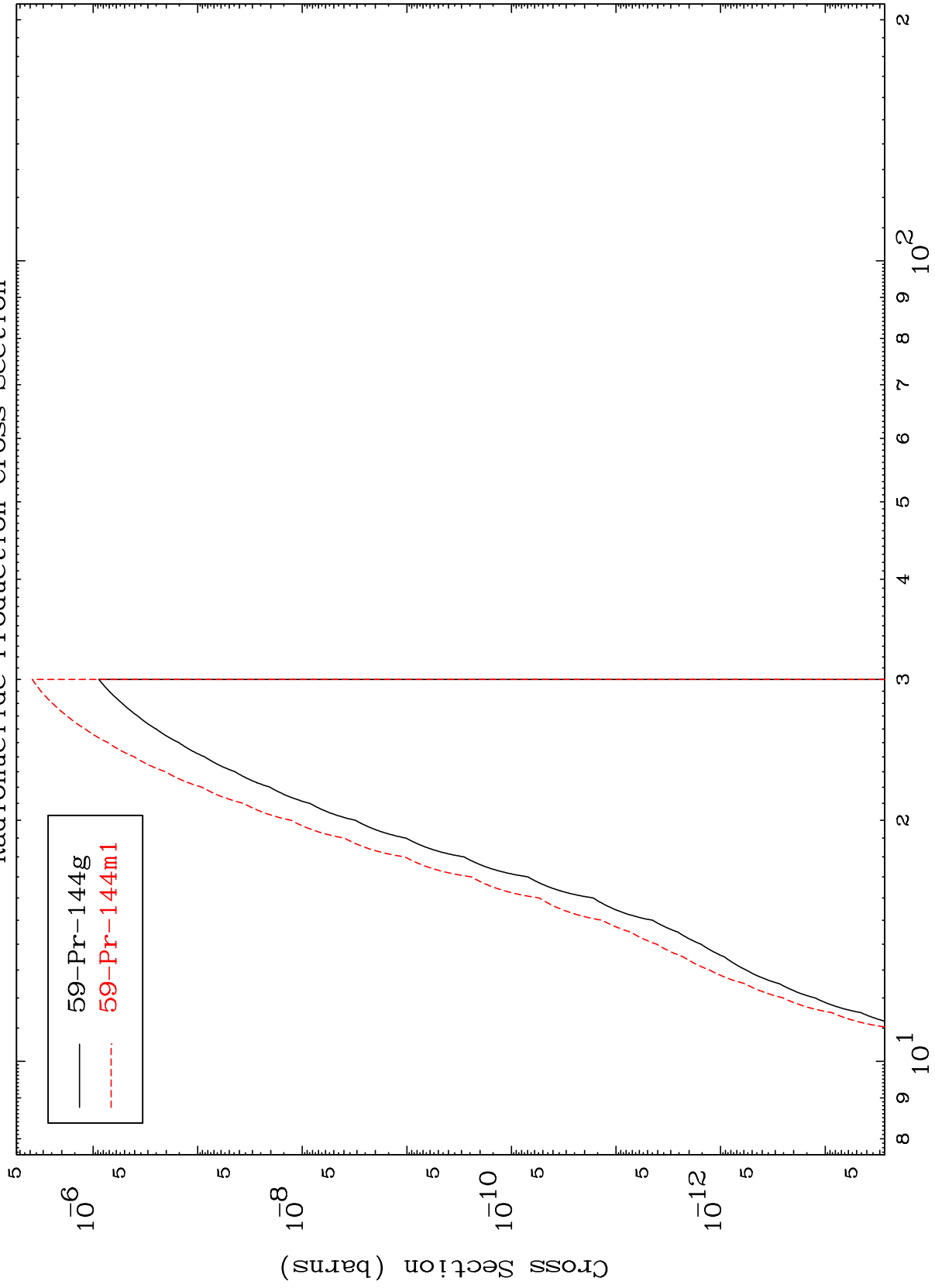
62-Sm-148

MAT 6237

(n,p)  $\alpha$

62-Sm-148

Radionuclide Production Cross Section



59-Pr-144g  
59-Pr-144m1

129

Incident Energy (MeV)

62-Sm-148