

Program EVALPLOT  
(Version 2018-1)

by

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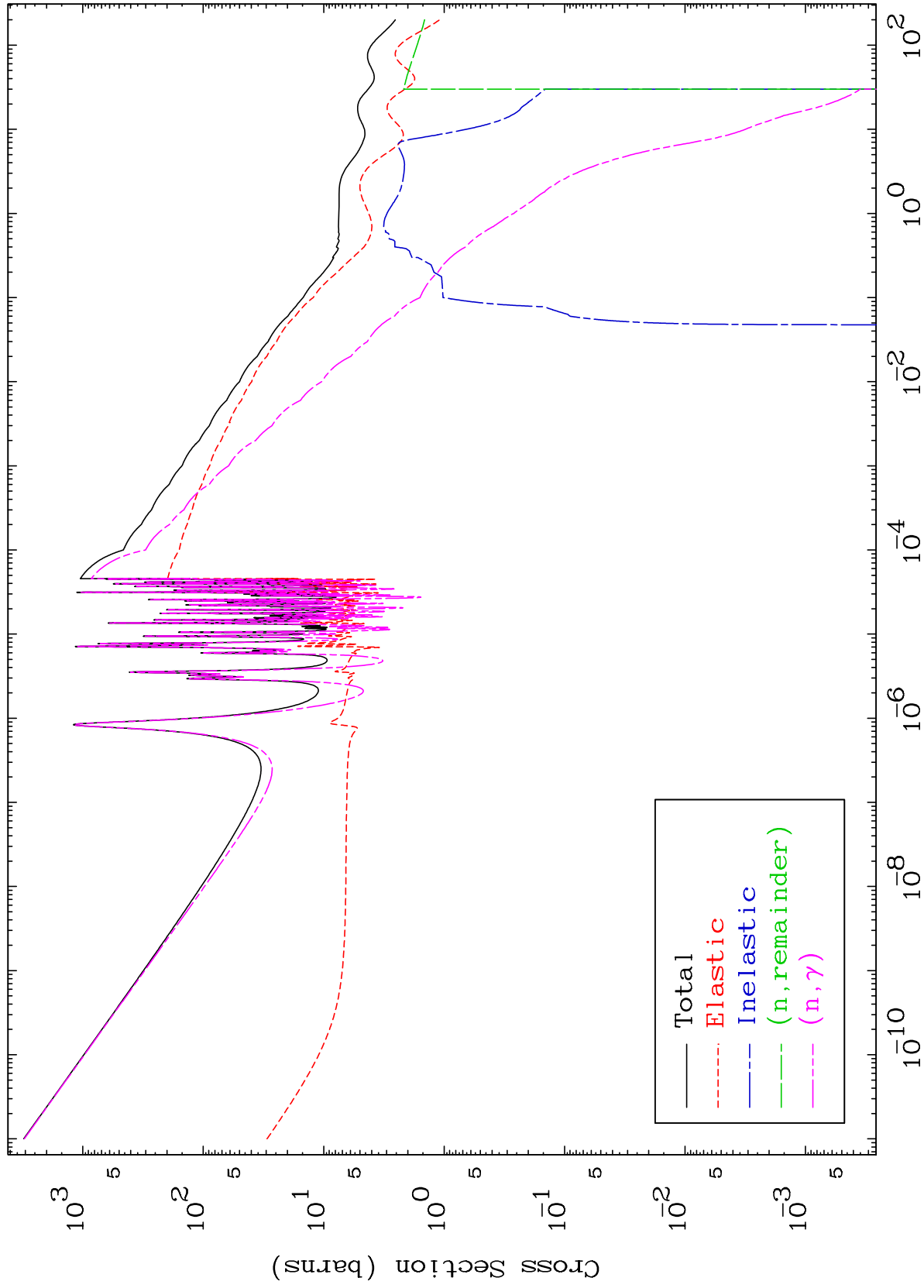
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6834

Major  
293 Kelvin Cross Sections

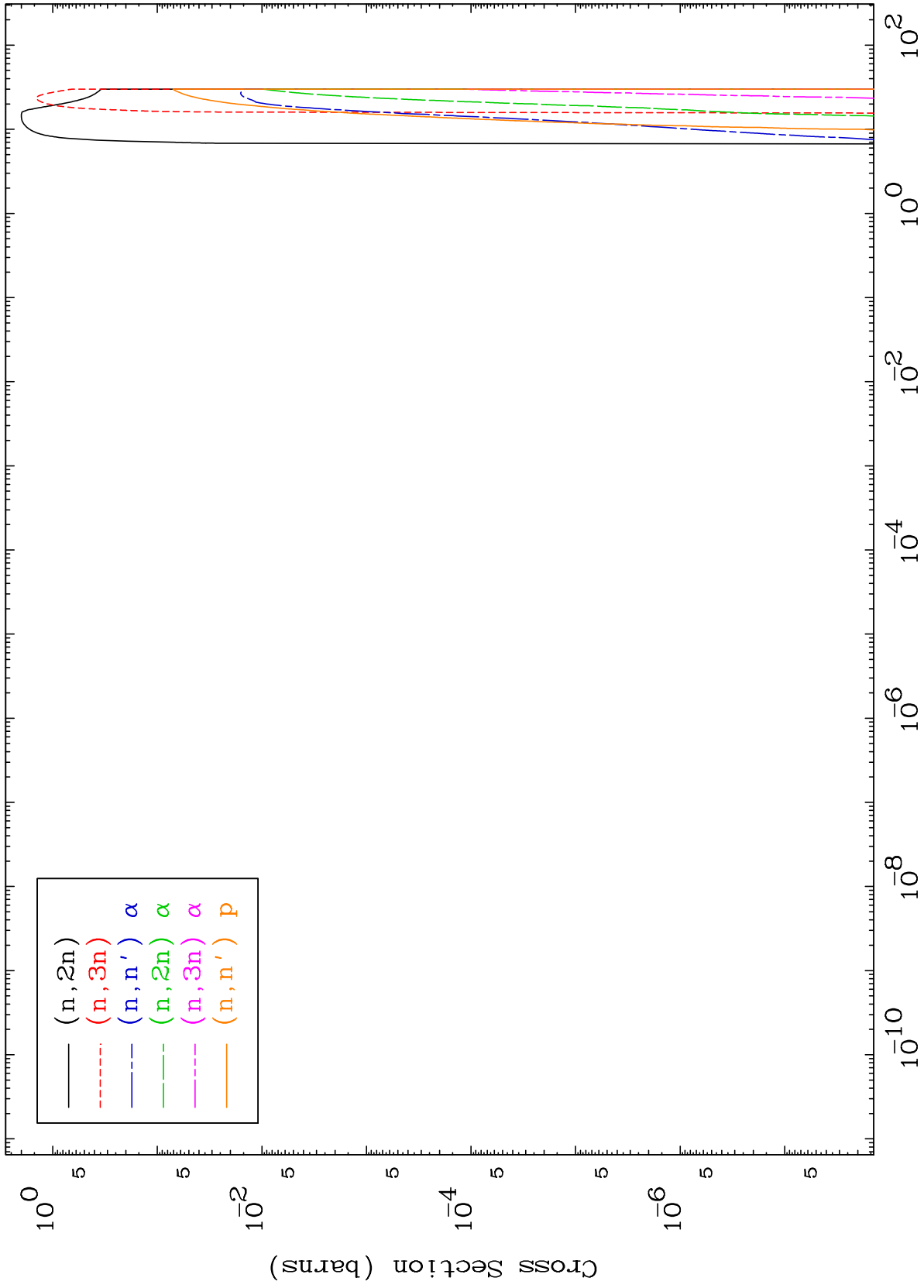
68-Er-165



MAT 6834

Neutron Production  
293 Kelvin Cross Sections

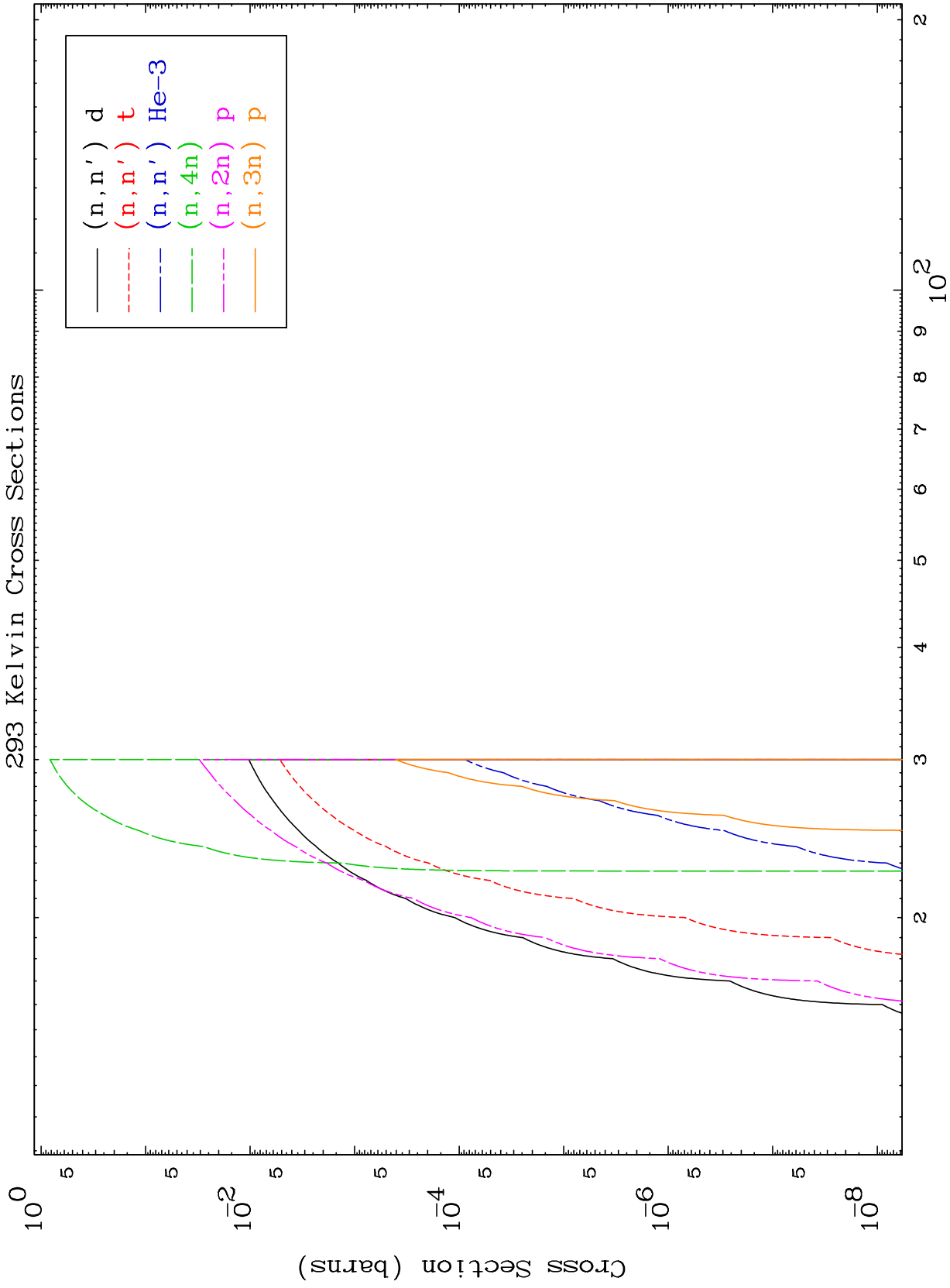
68-Er-165



2

Incident Energy (MeV)

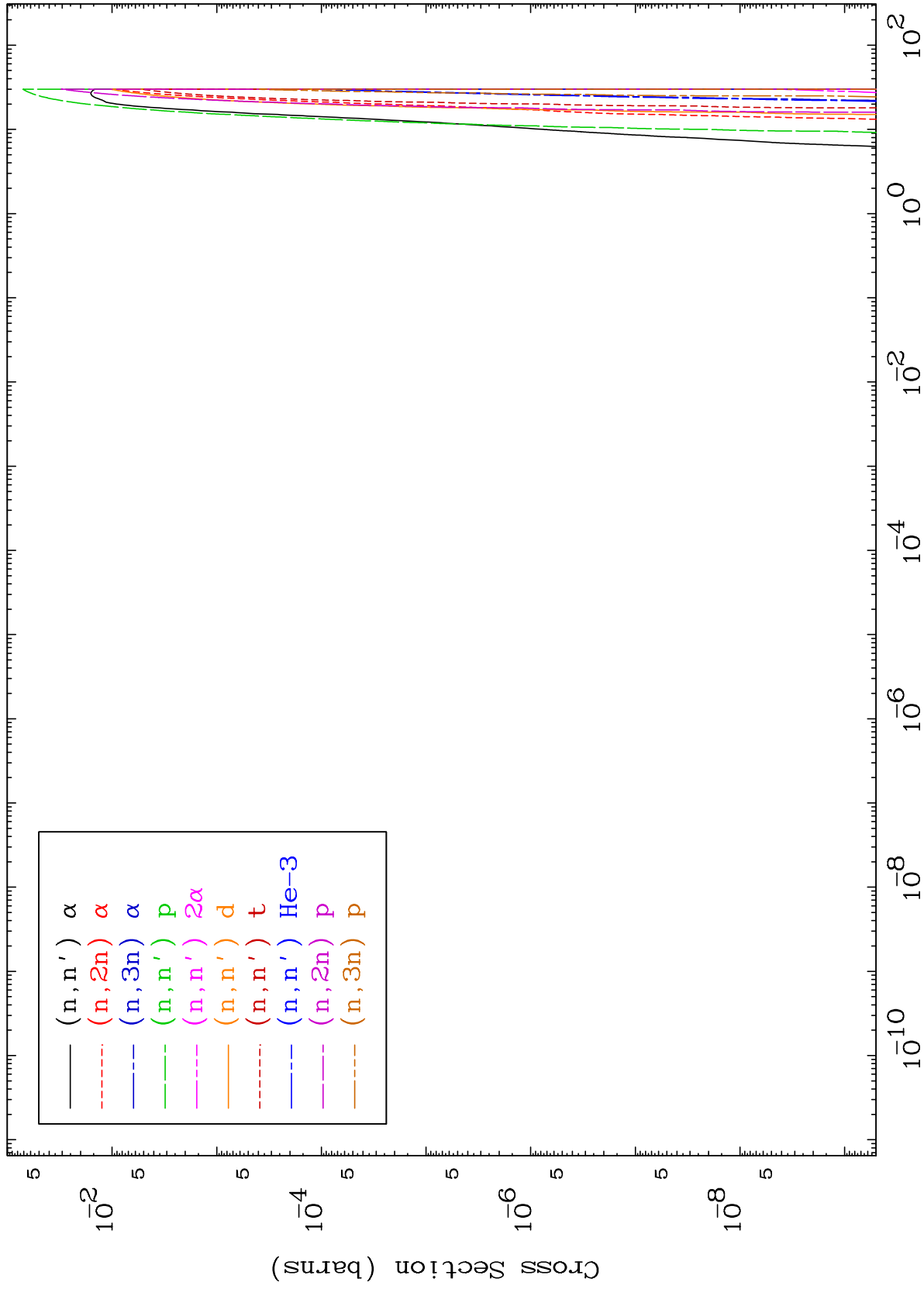
68-Er-165



MAT 6834

Charged Particle  
293 Kelvin Cross Sections

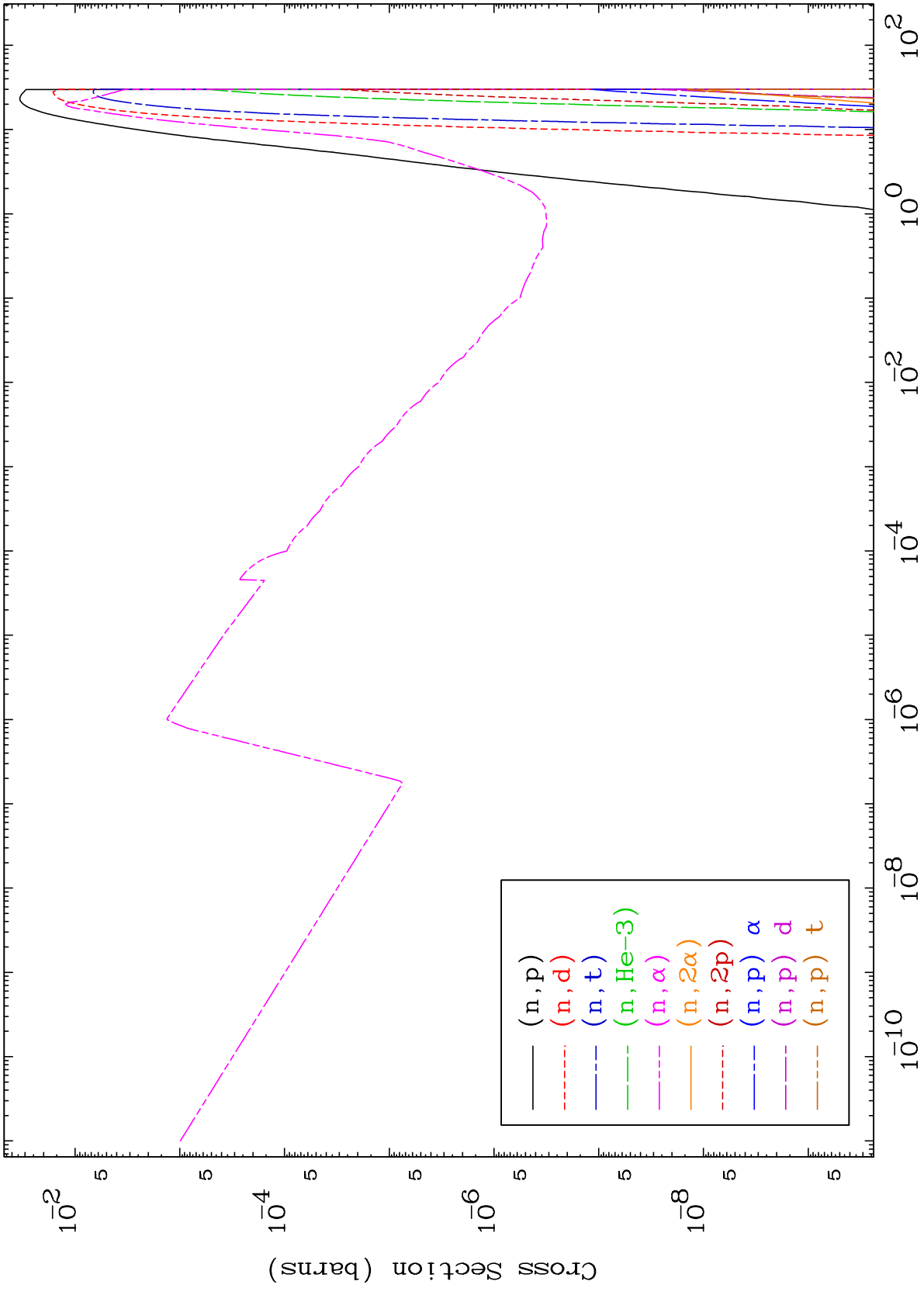
68-Er-165



MAT 6834

Charged Particle  
293 Kelvin Cross Sections

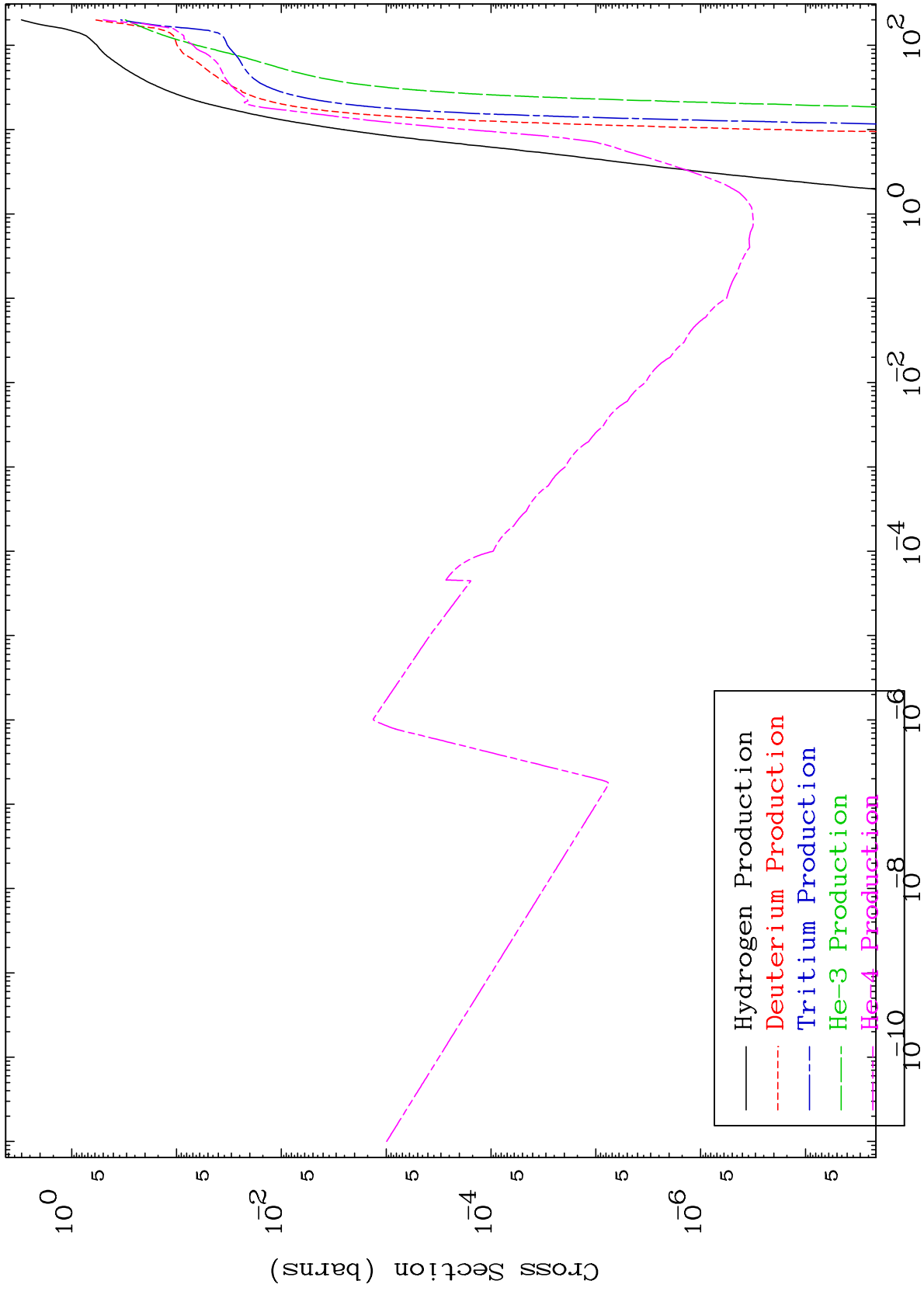
68-Er-165



MAT 6834

Particle Production  
293 Kelvin Cross Sections

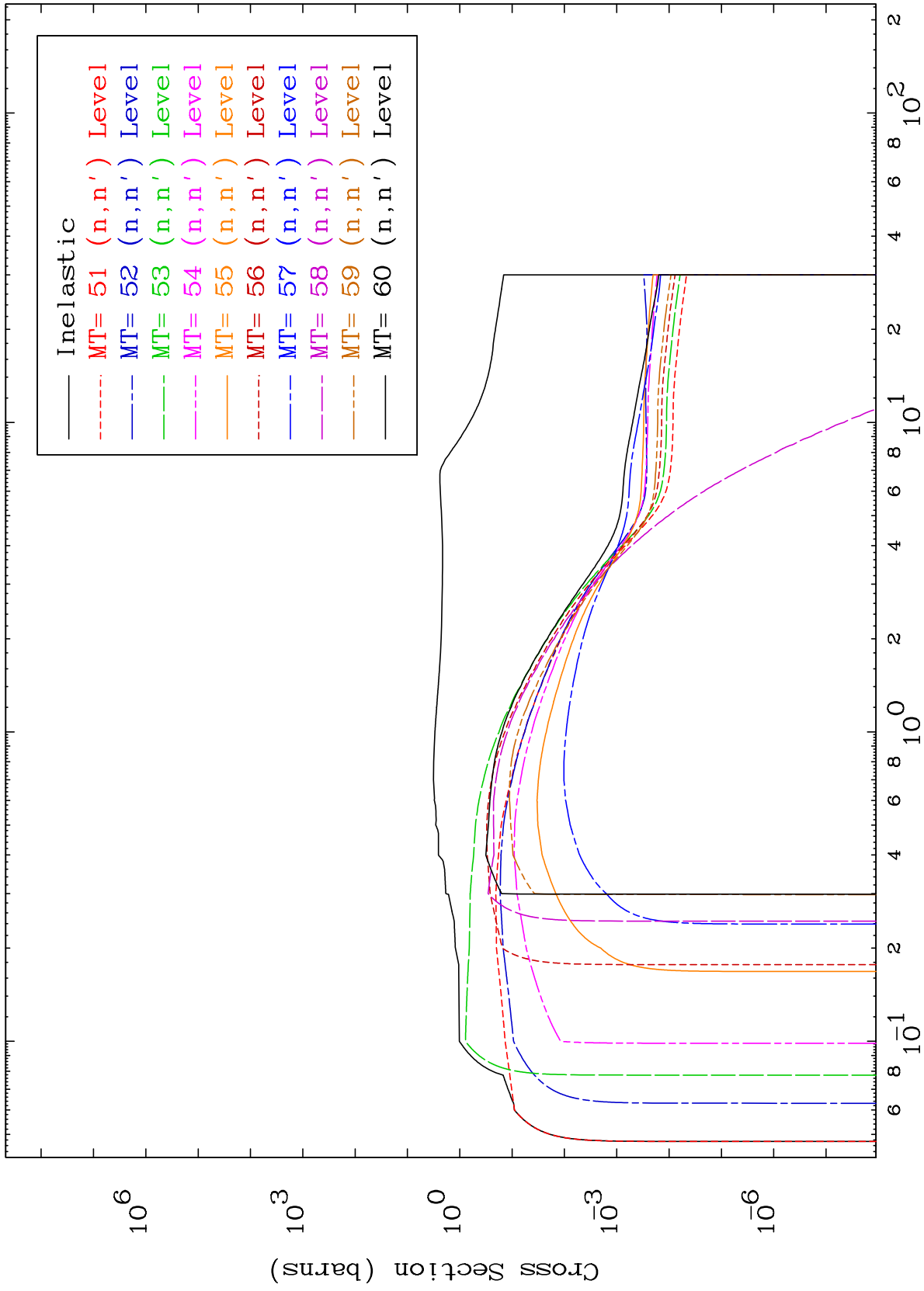
68-Er-165



6

Incident Energy (MeV)

68-Er-165



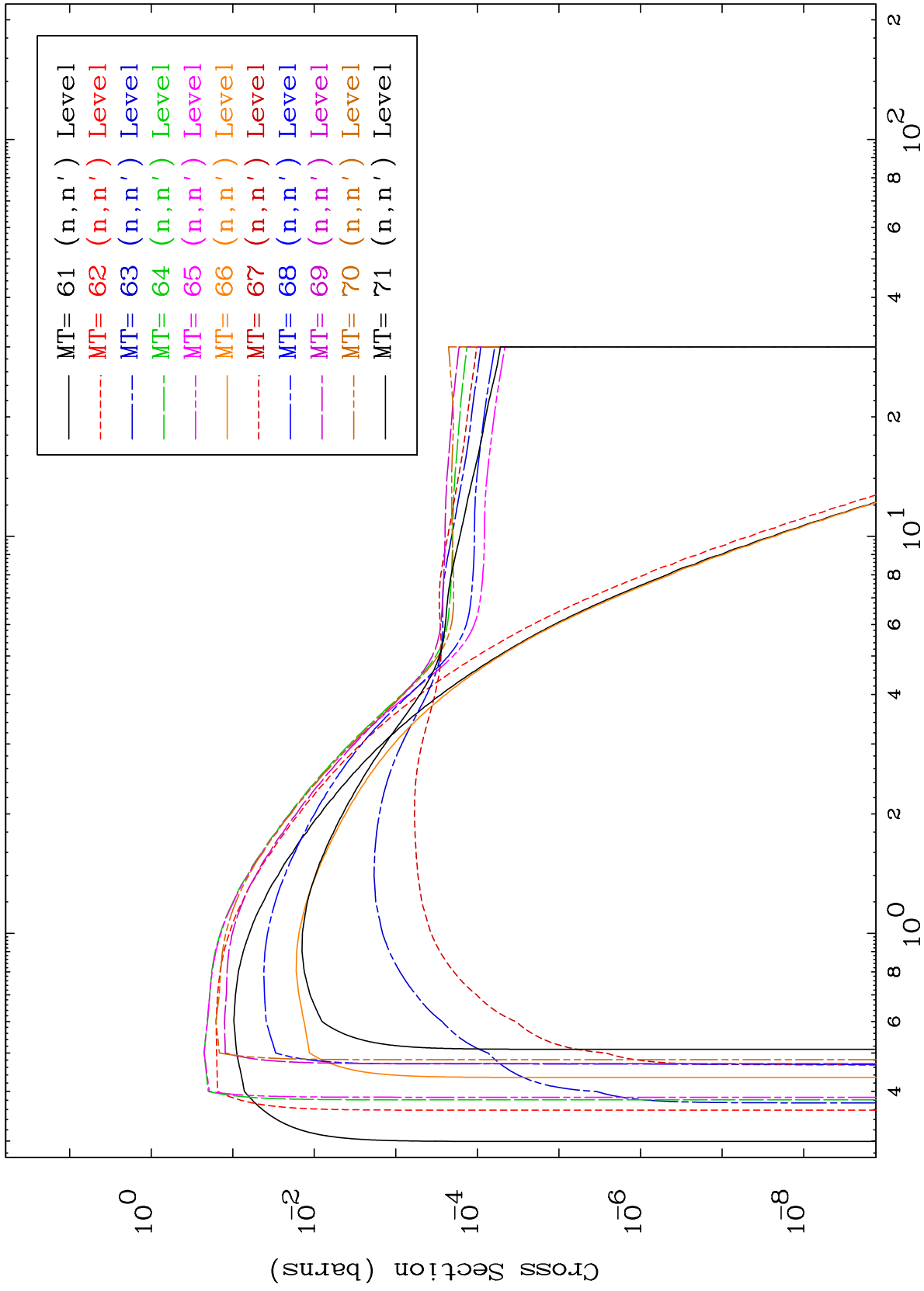


MAT 6834

(n,n') Level

68-Er-165

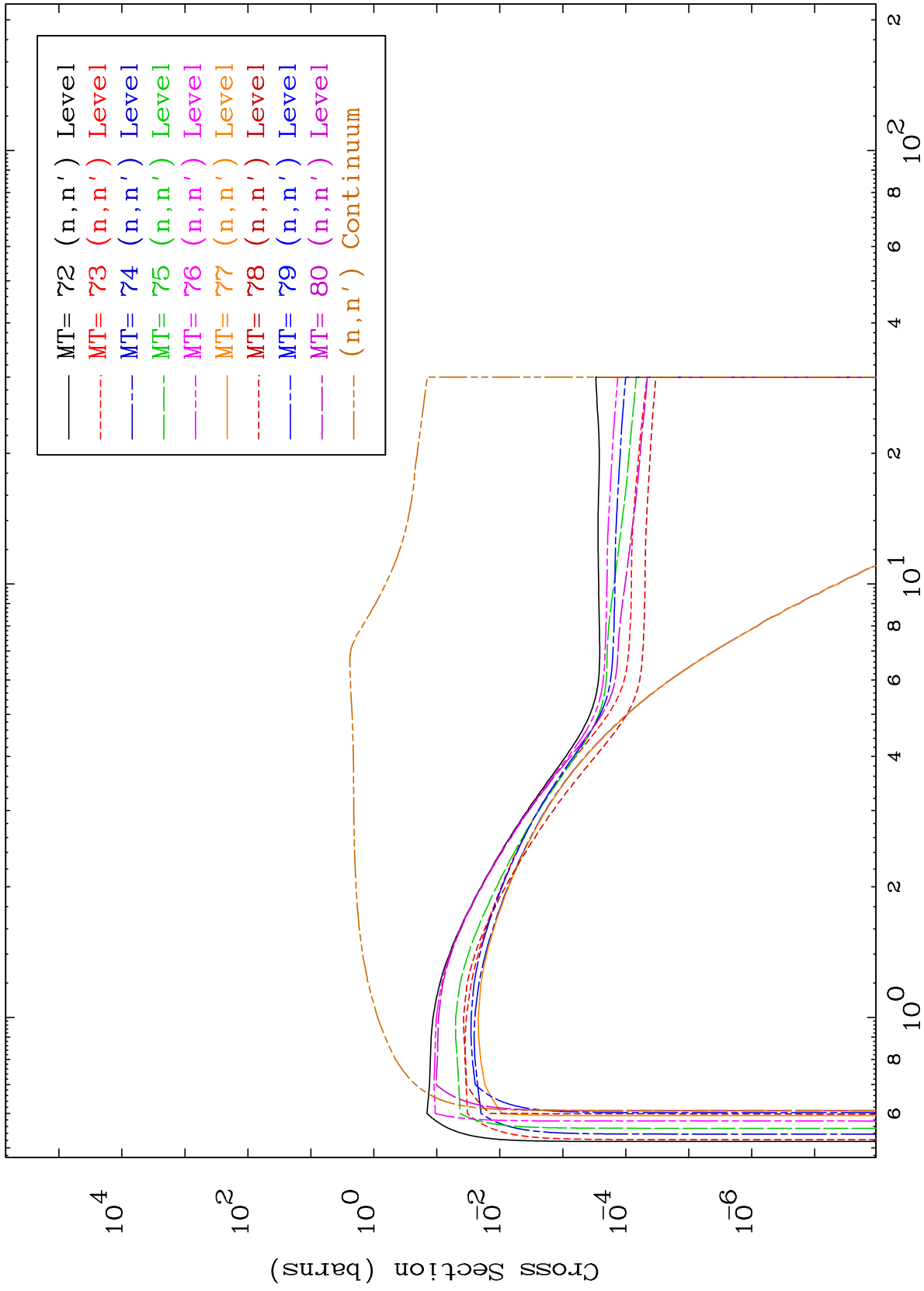
293 Kelvin Cross Sections



8

Incident Energy (MeV)

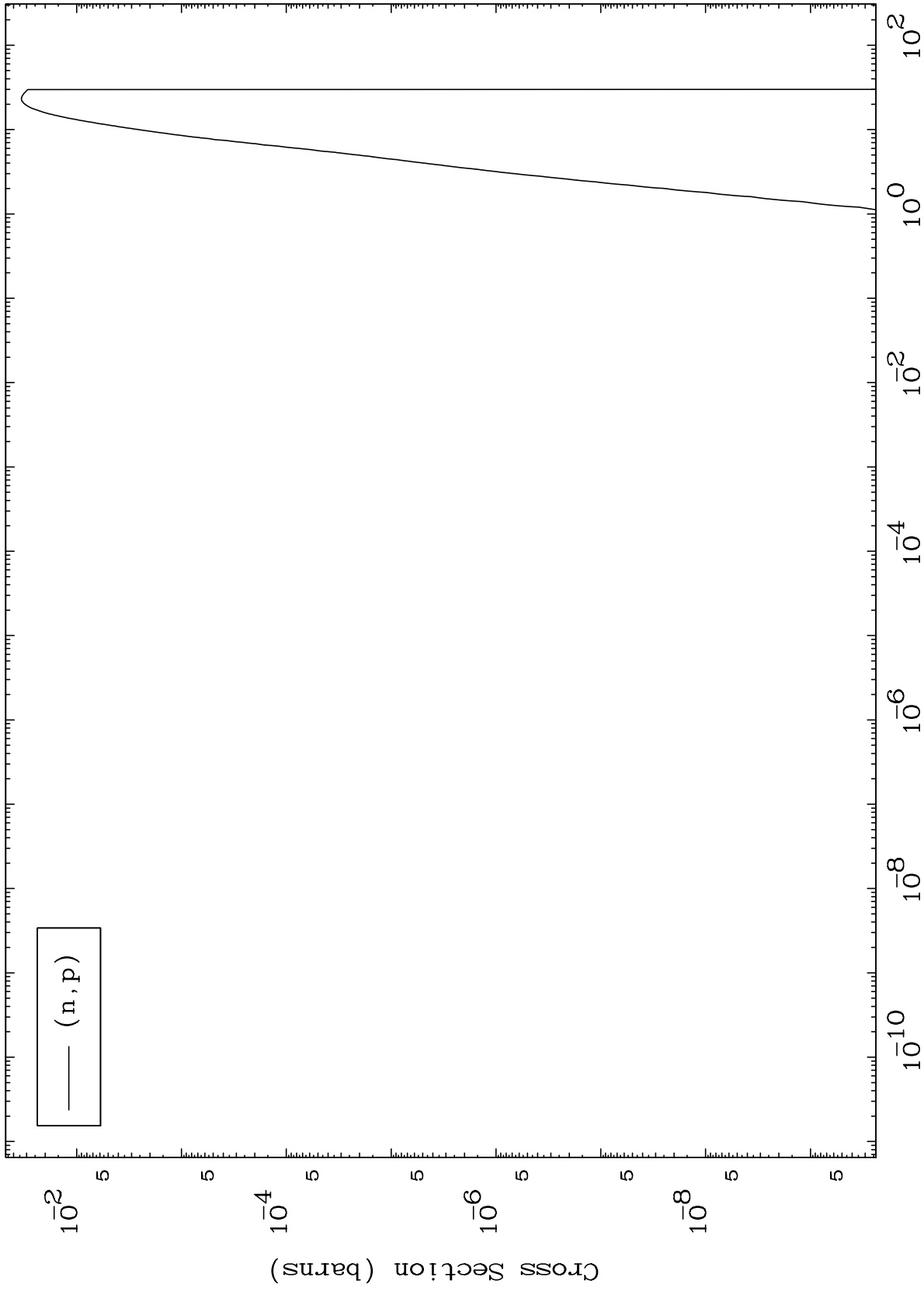
68-Er-165



MAT 6834

(n,p) Levels  
293 Kelvin Cross Sections

68-Er-165



10

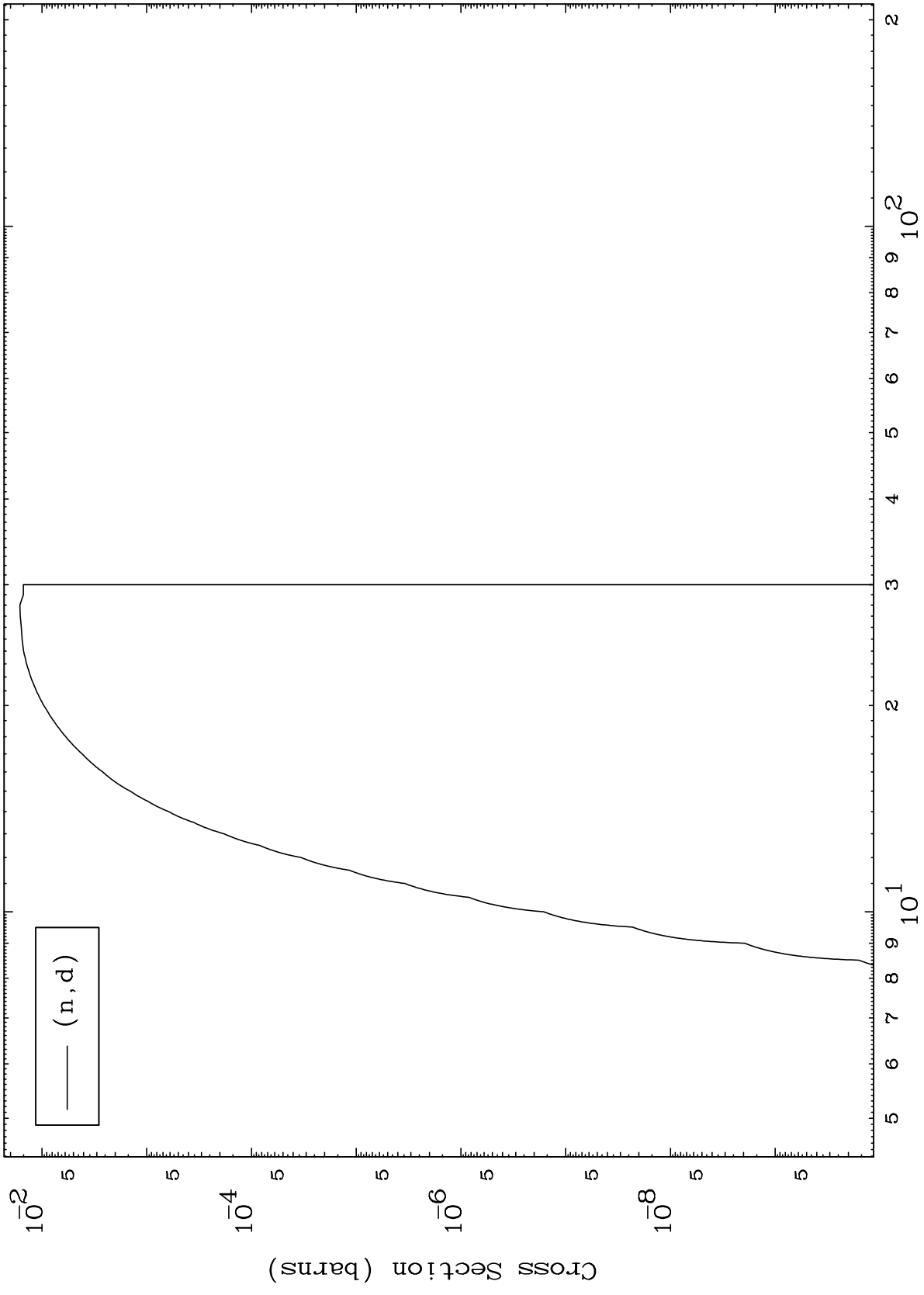
Incident Energy (MeV)

68-Er-165

MAT 6834

(n,d) Levels  
293 Kelvin Cross Sections

68-Er-165



11

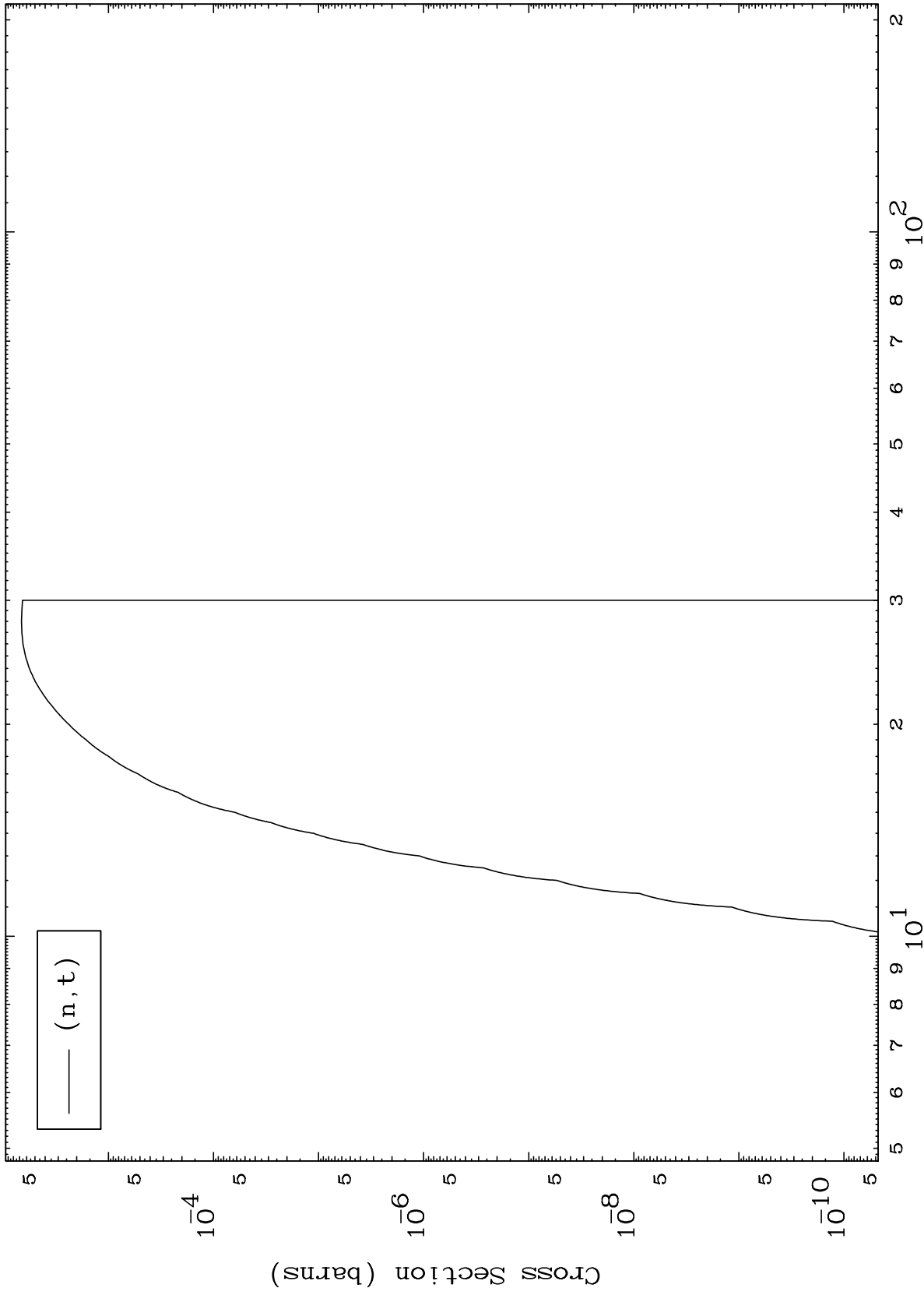
Incident Energy (MeV)

68-Er-165

MAT 6834

(n,t) Levels  
293 Kelvin Cross Sections

68-Er-165



12

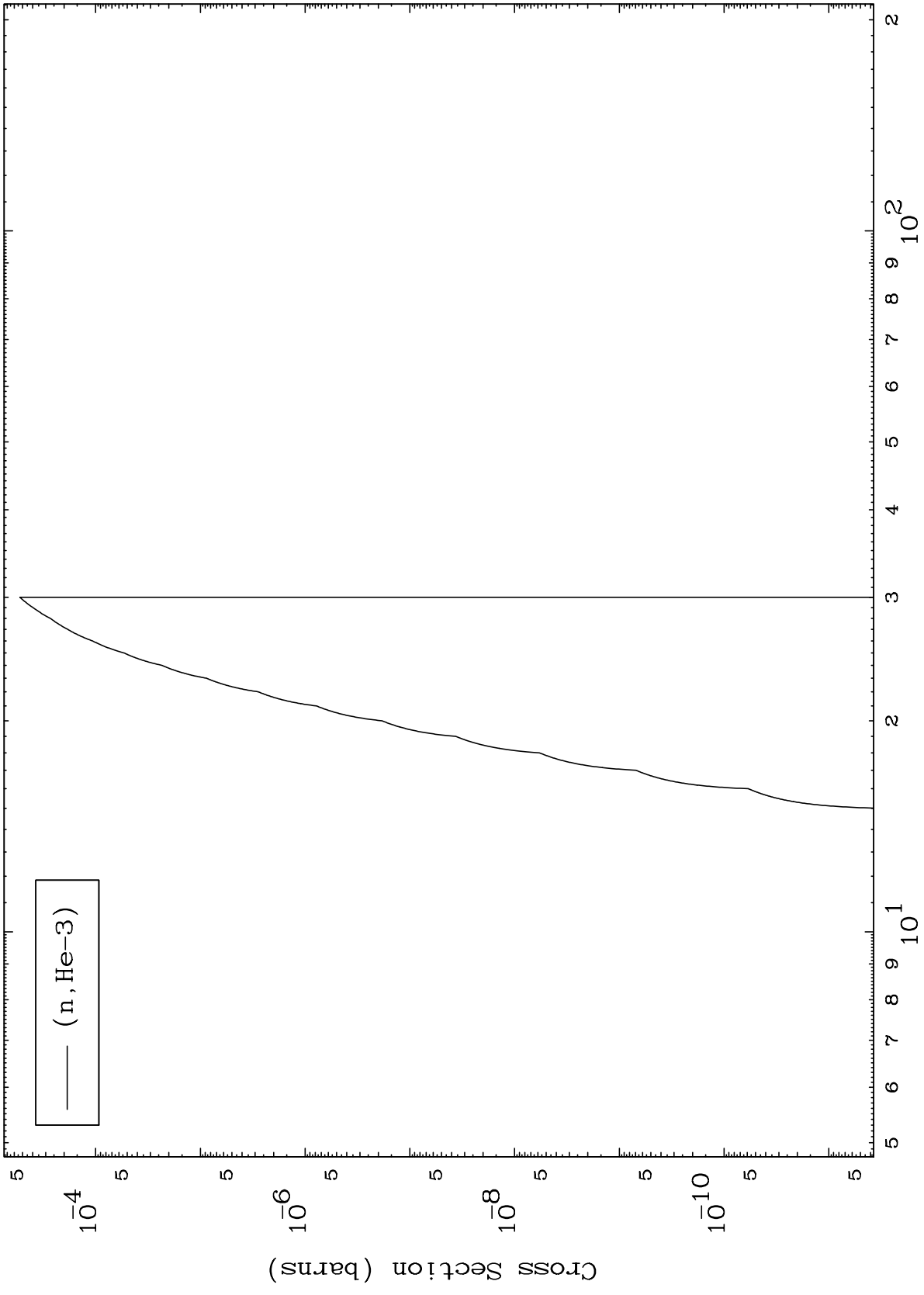
Incident Energy (MeV)

68-Er-165

MAT 6834

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-165



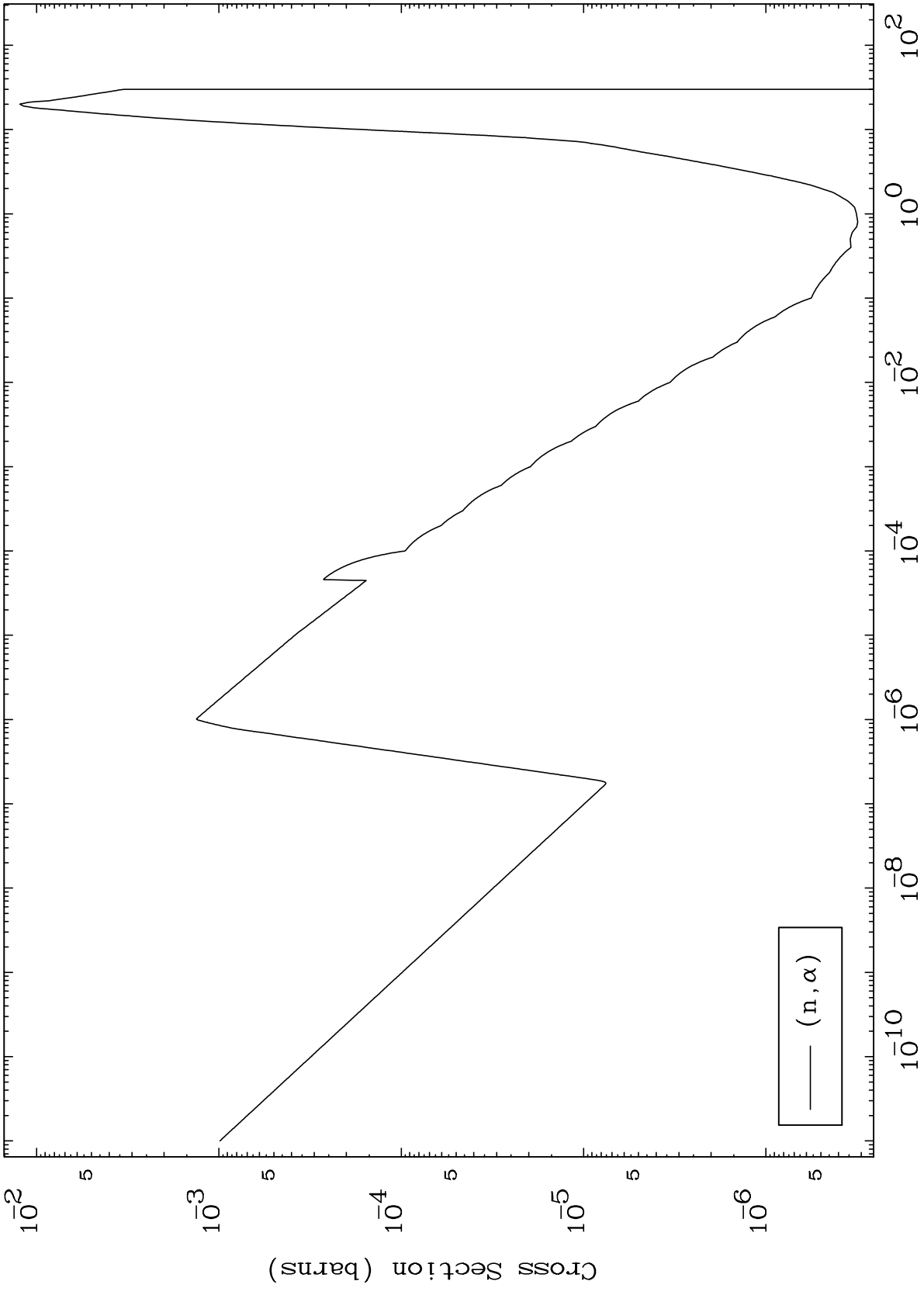
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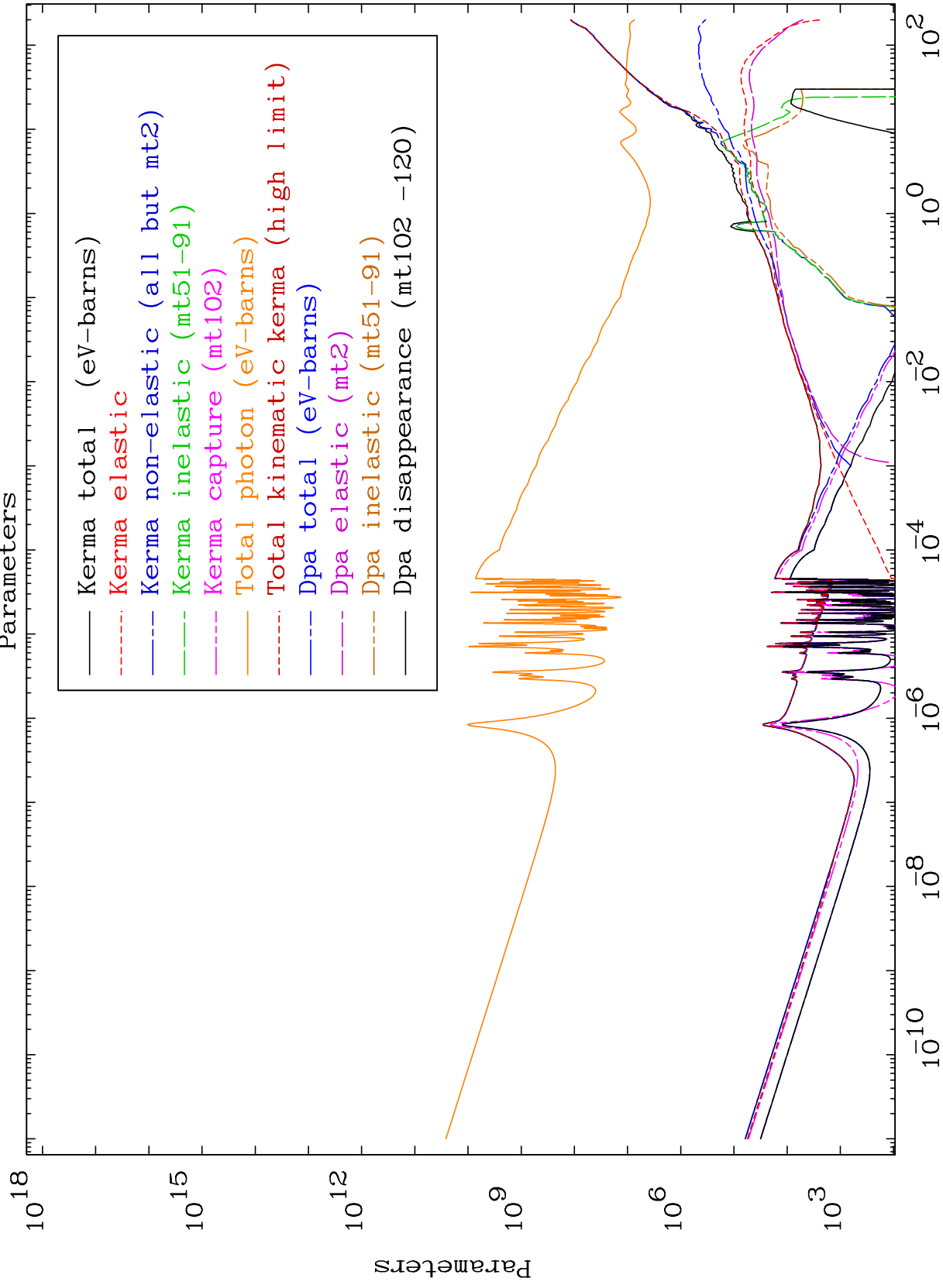
68-Er-165

MAT 6834

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

68-Er-165



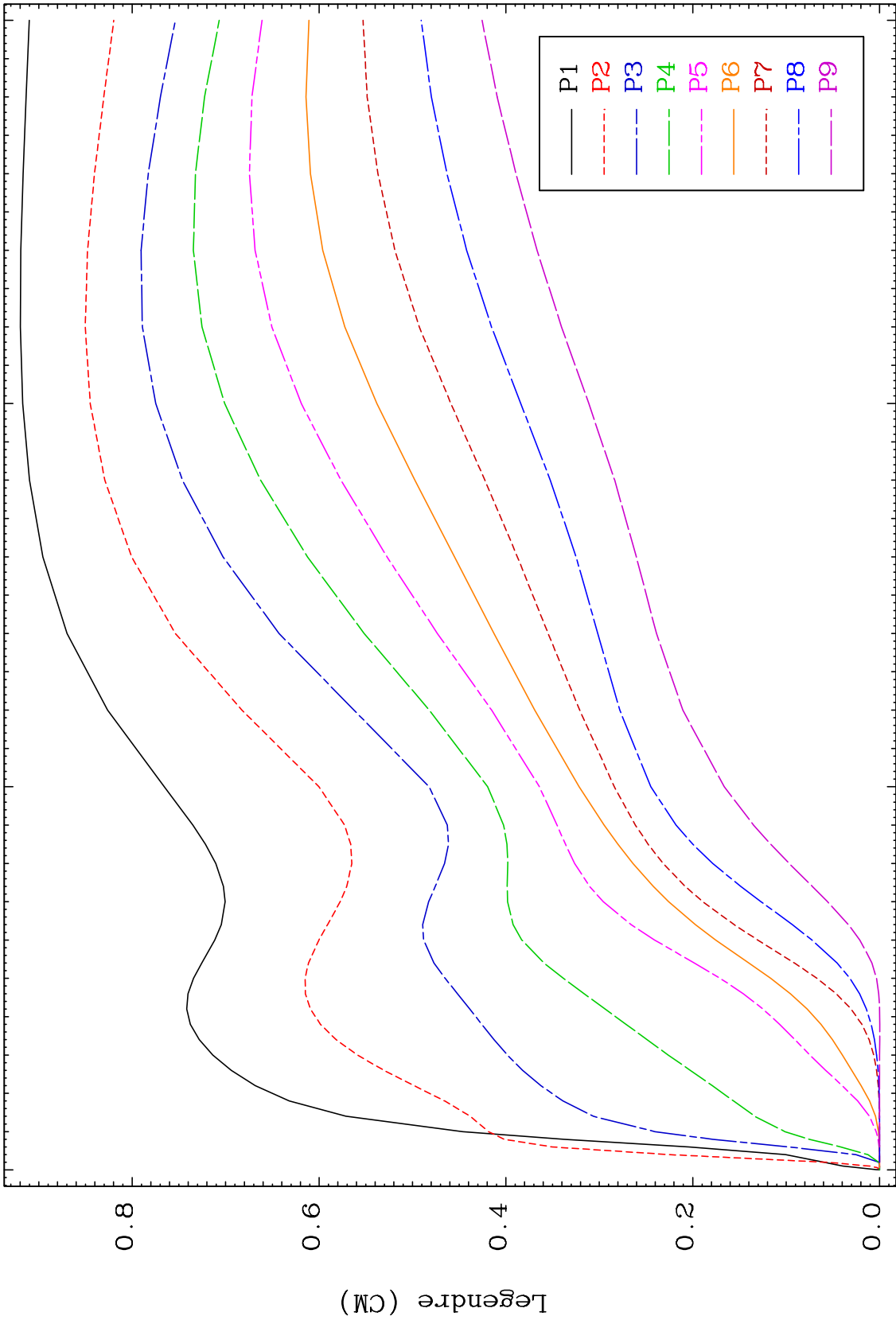




MAT 6834

Elastic Legendre Coefficients

68-Er-165



16

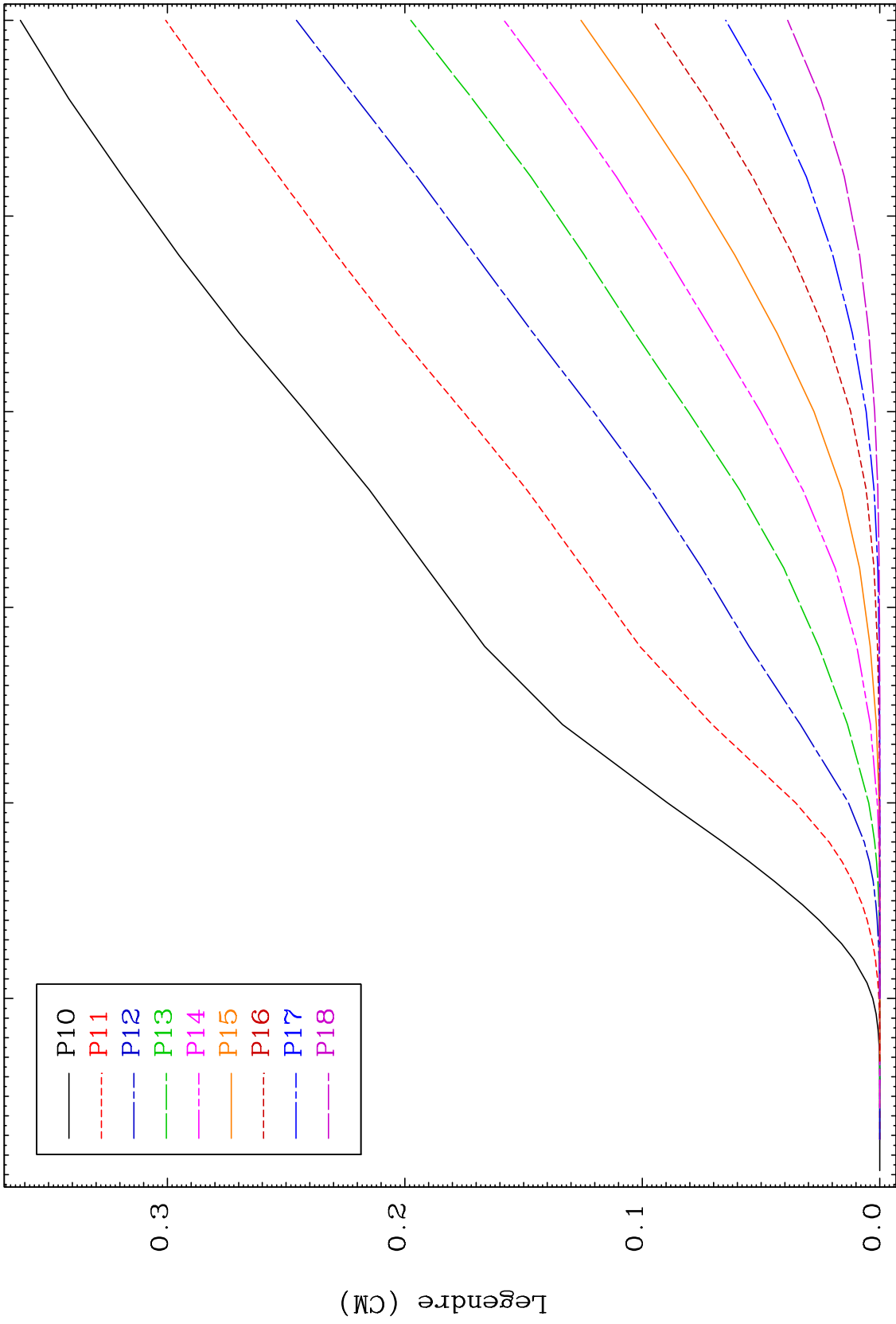
Incident Energy (MeV)

68-Er-165

MAT 6834

Elastic Legendre Coefficients

68-Er-165



17

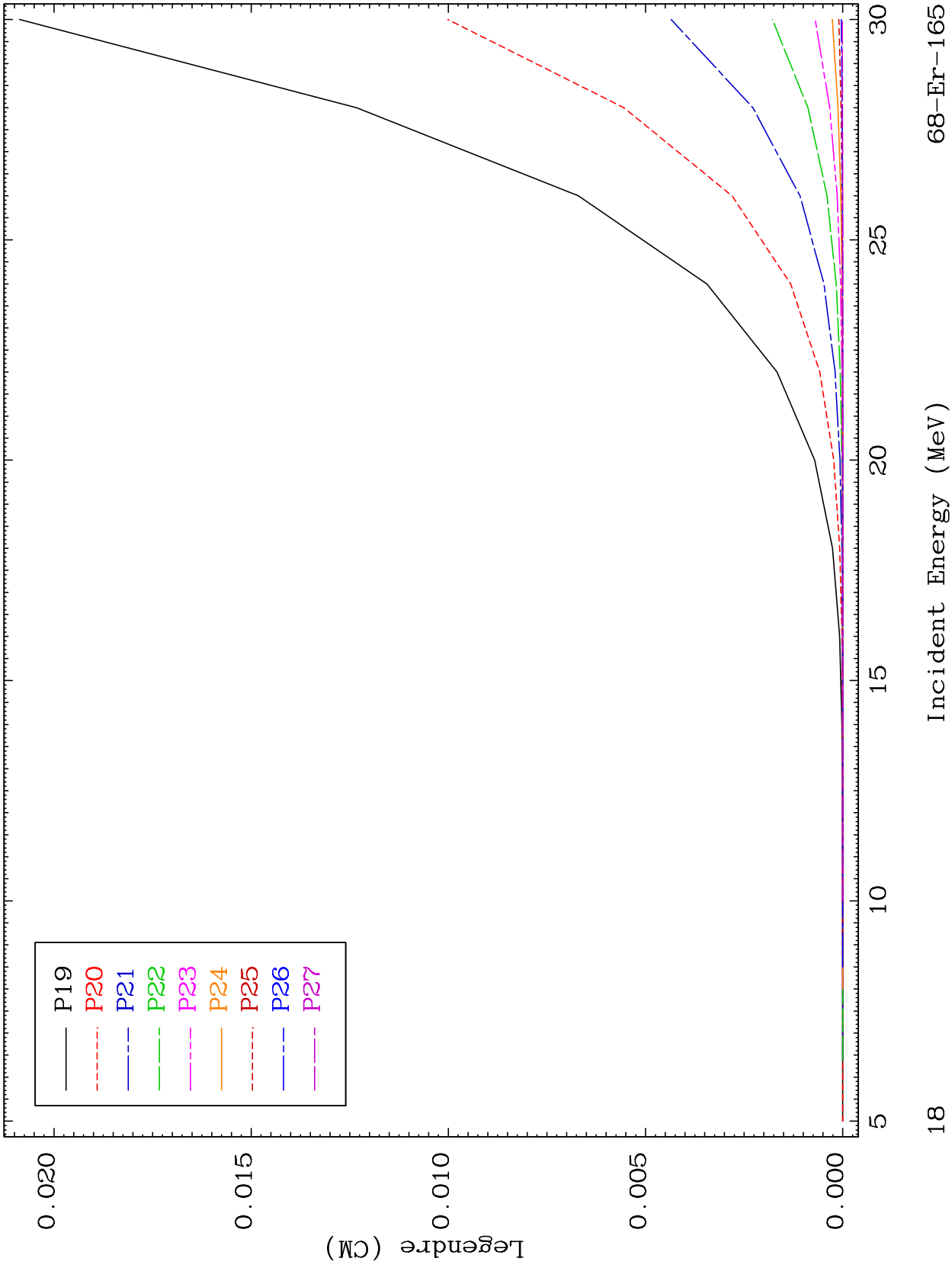
Incident Energy (MeV)

68-Er-165

MAT 6834

### Elastic Legendre Coefficients

68-Er-165



18

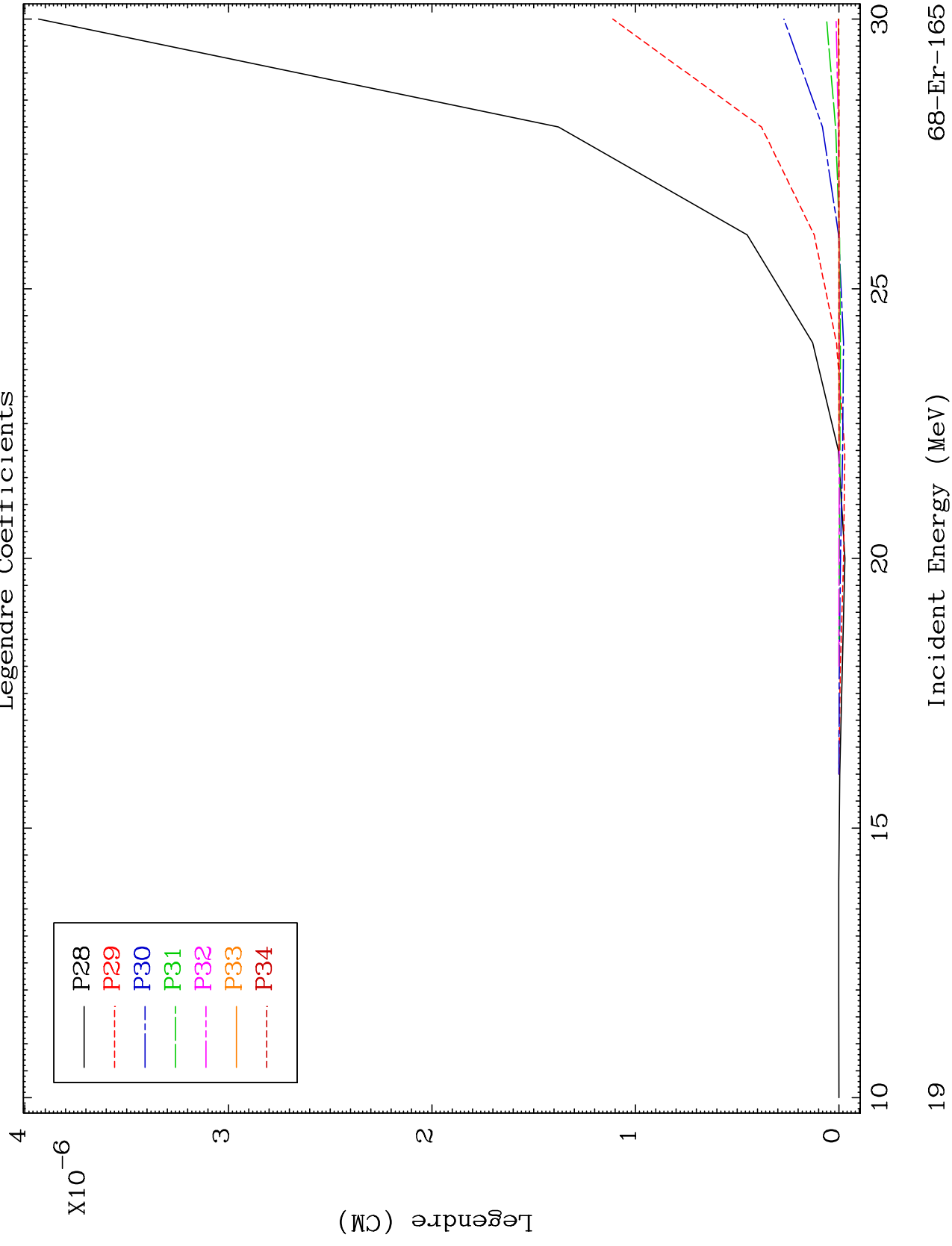
Incident Energy (MeV)

68-Er-165

MAT 6834

Elastic Legendre Coefficients

68-Er-165



19

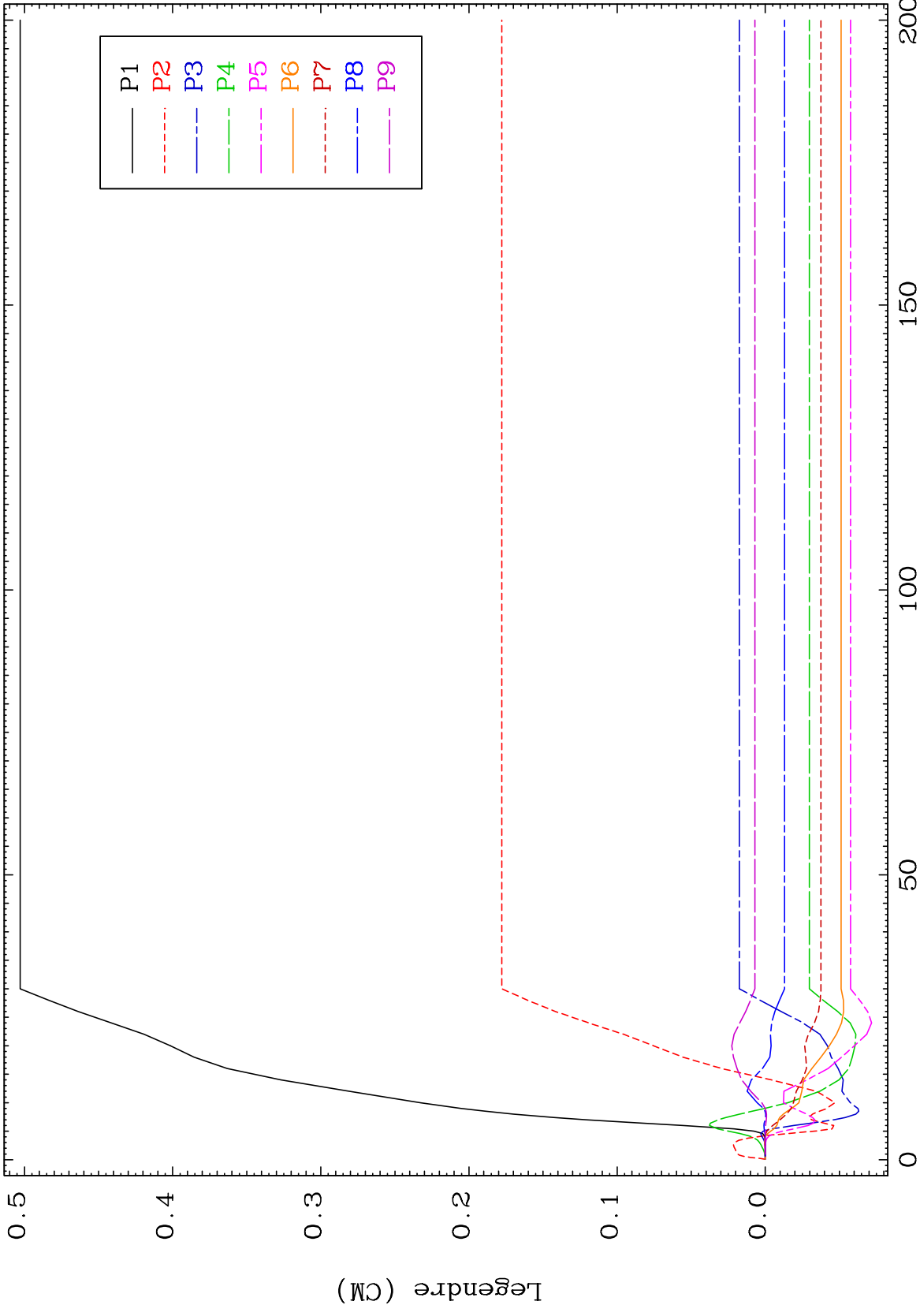
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

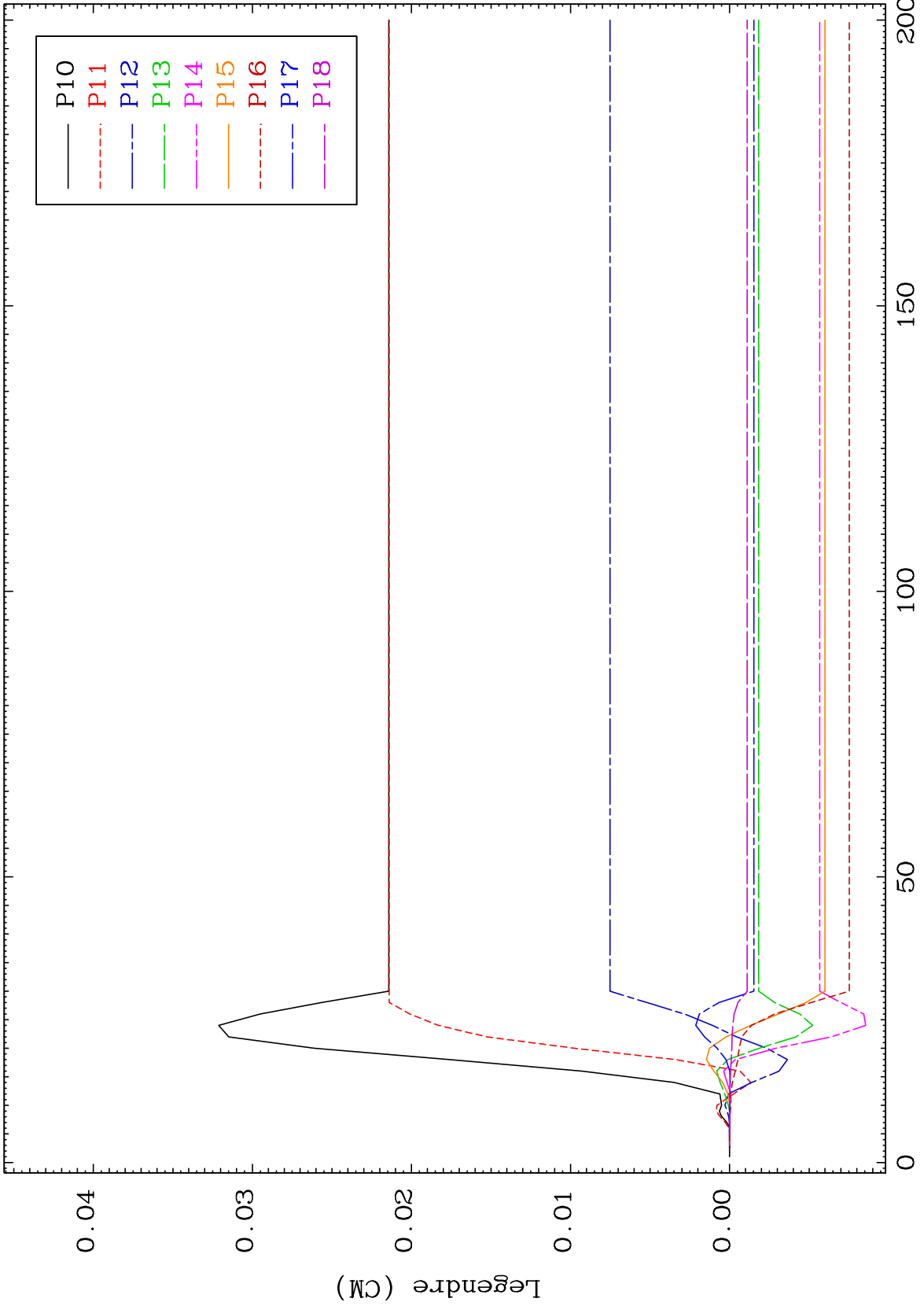
Incident Energy (MeV)

20

MAT 6834

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

68-Er-165



21

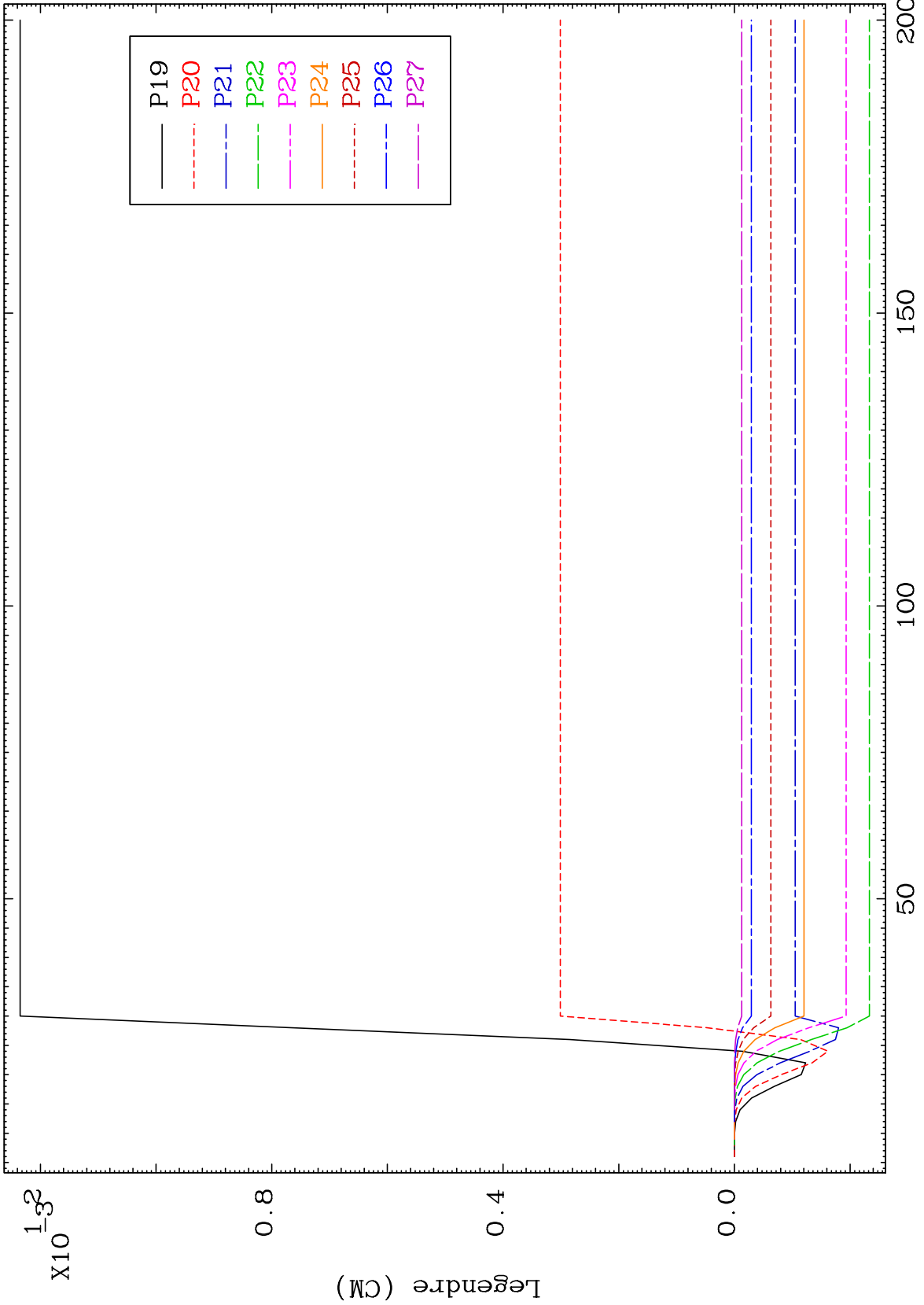
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



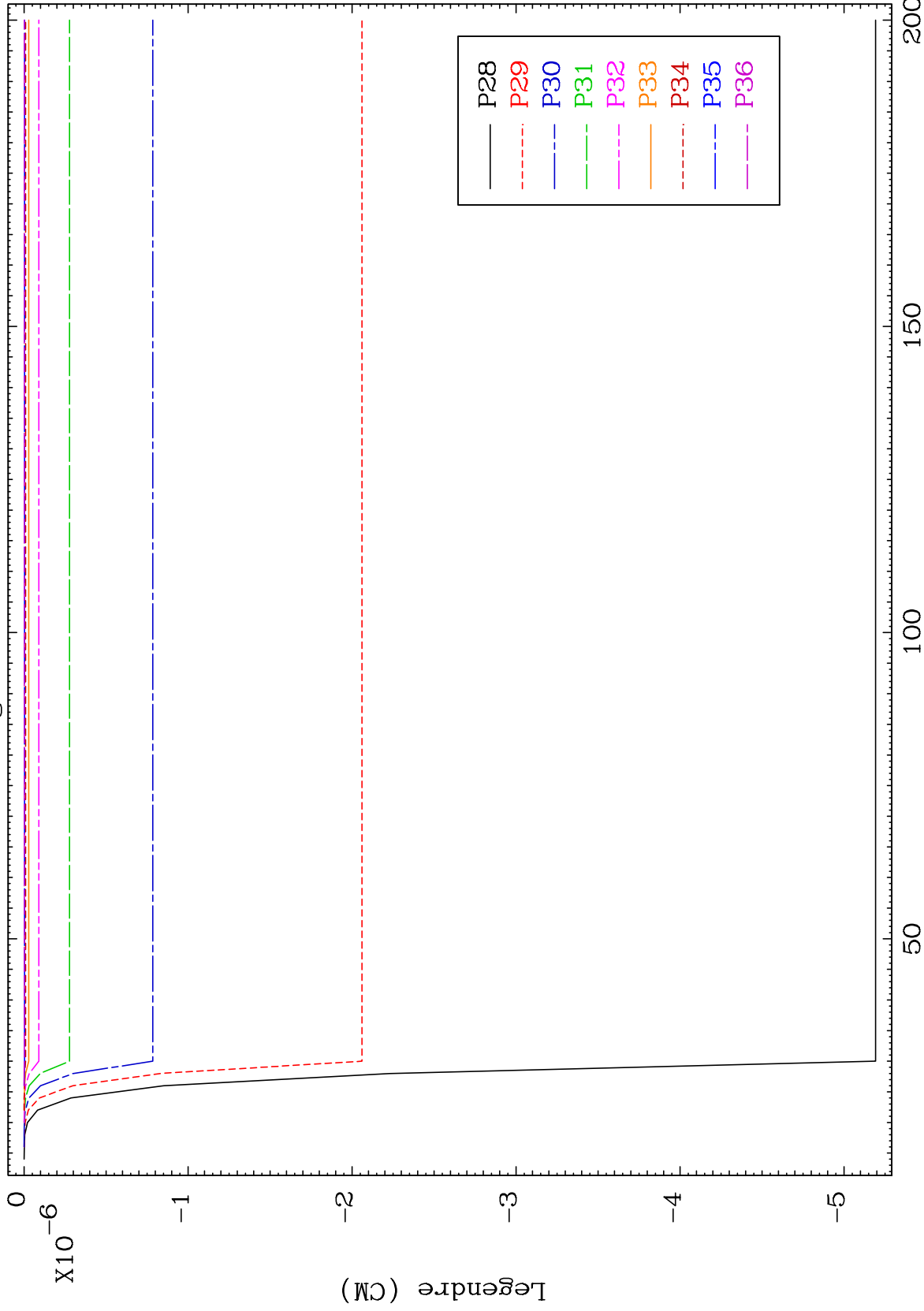
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68-Er-165

MAT 6834

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

68-Er-165



23

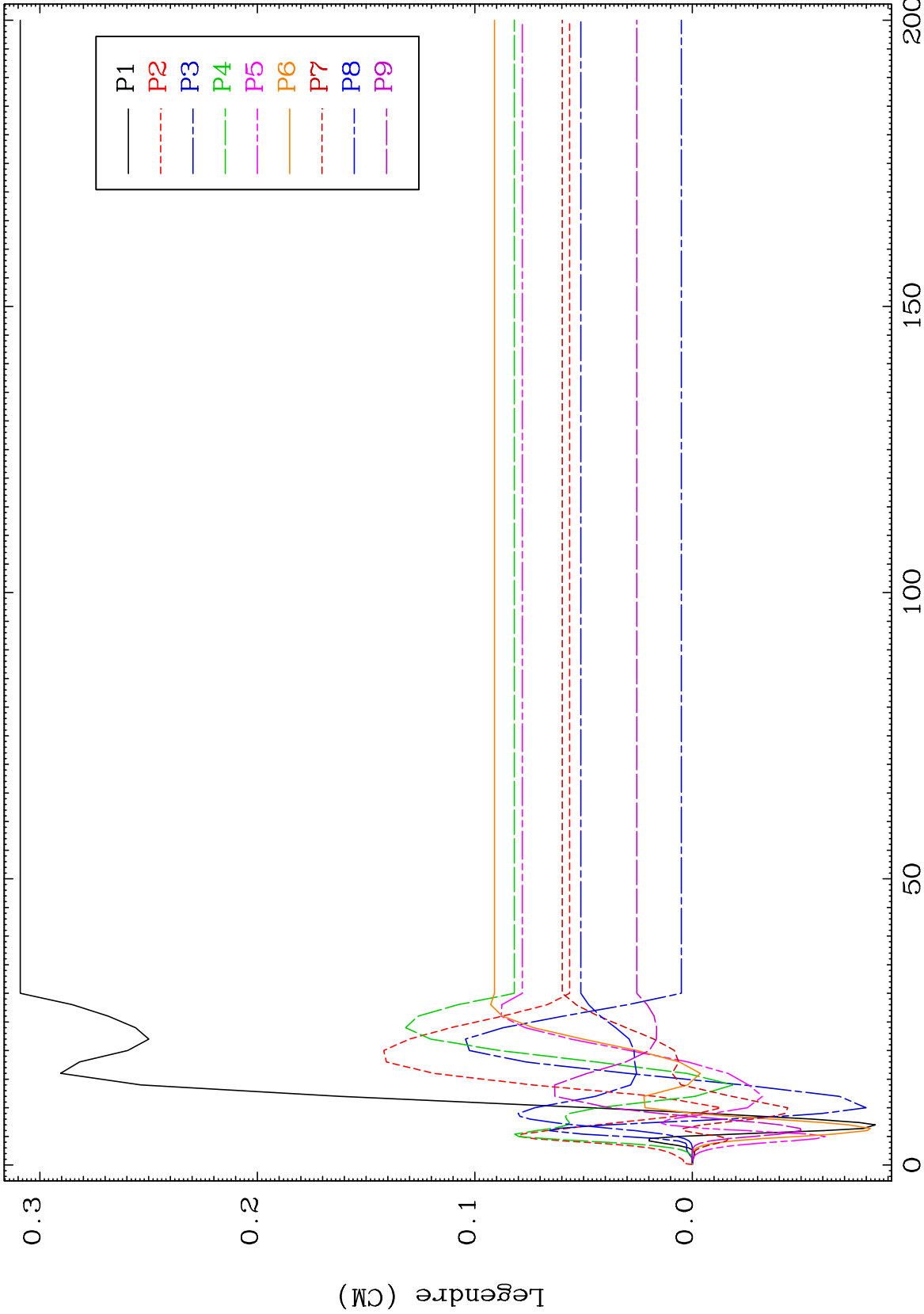
68-Er-165



MAT 6834

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

68-Er-165

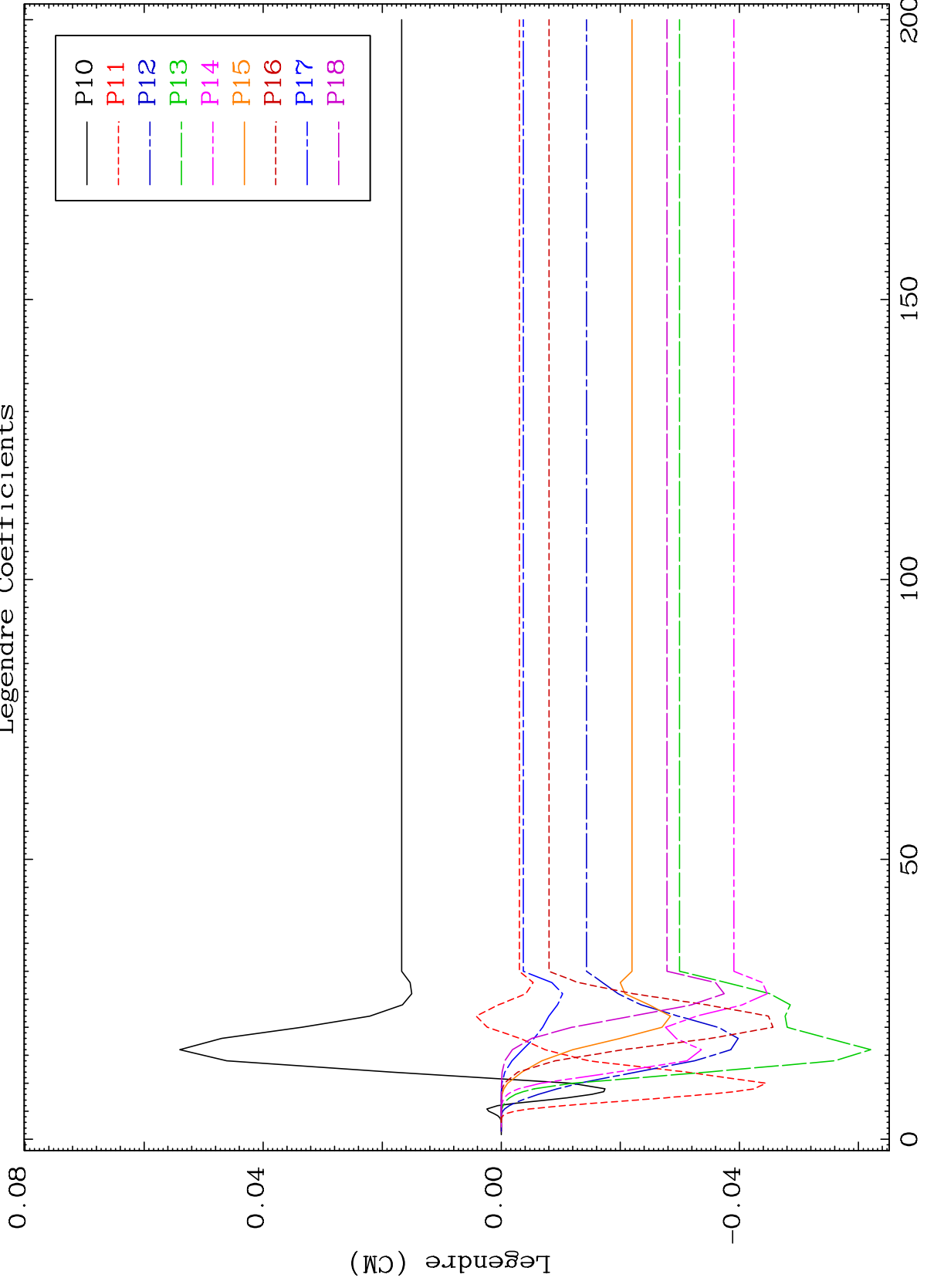


24

Incident Energy (MeV)

68-Er-165

MAT 6834 MT= 52 (n,n') Level Legendre Coefficients 68-Er-165

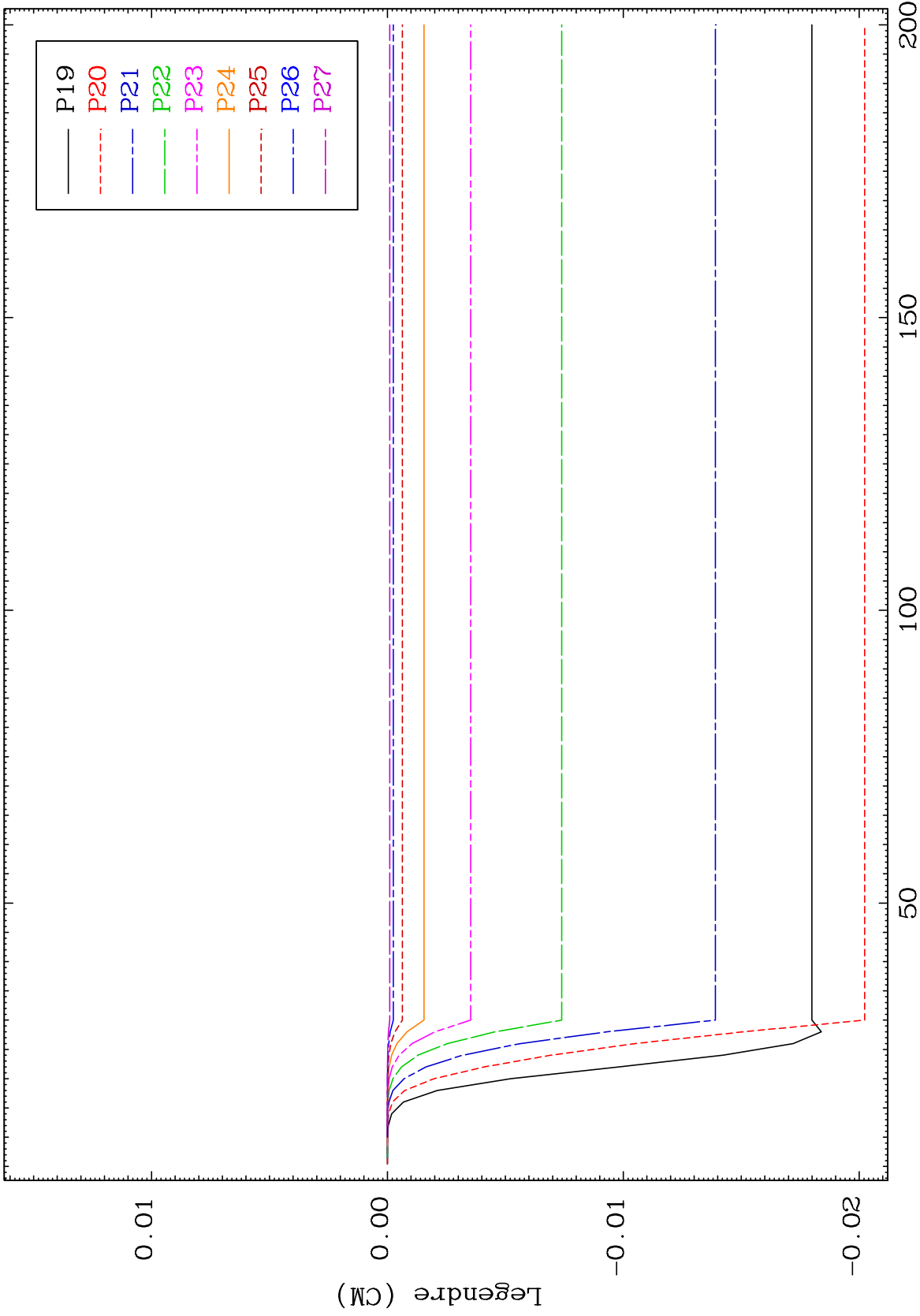


25 Incident Energy (MeV) 68-Er-165

MAT 6834

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

68-Er-165



26

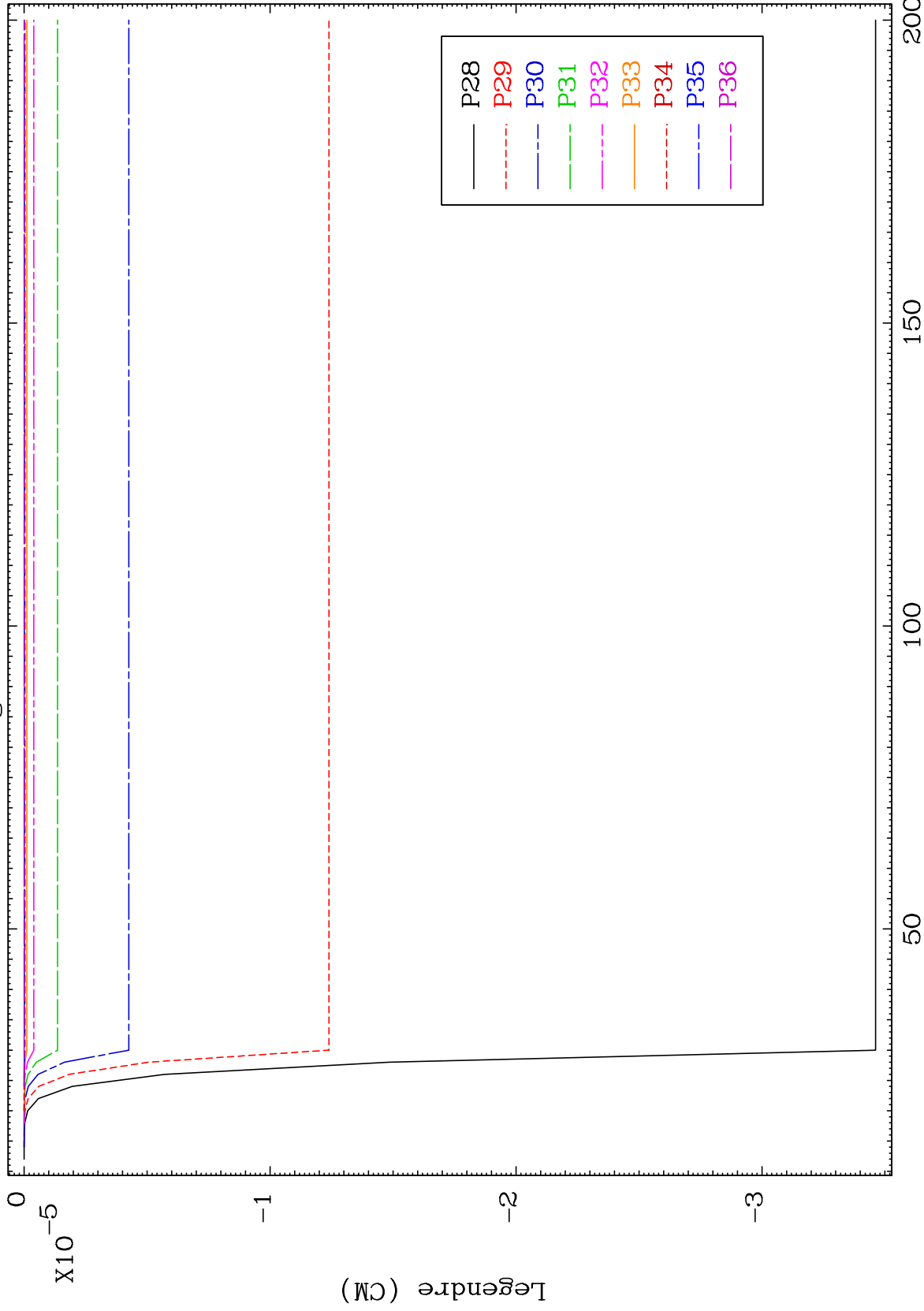
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

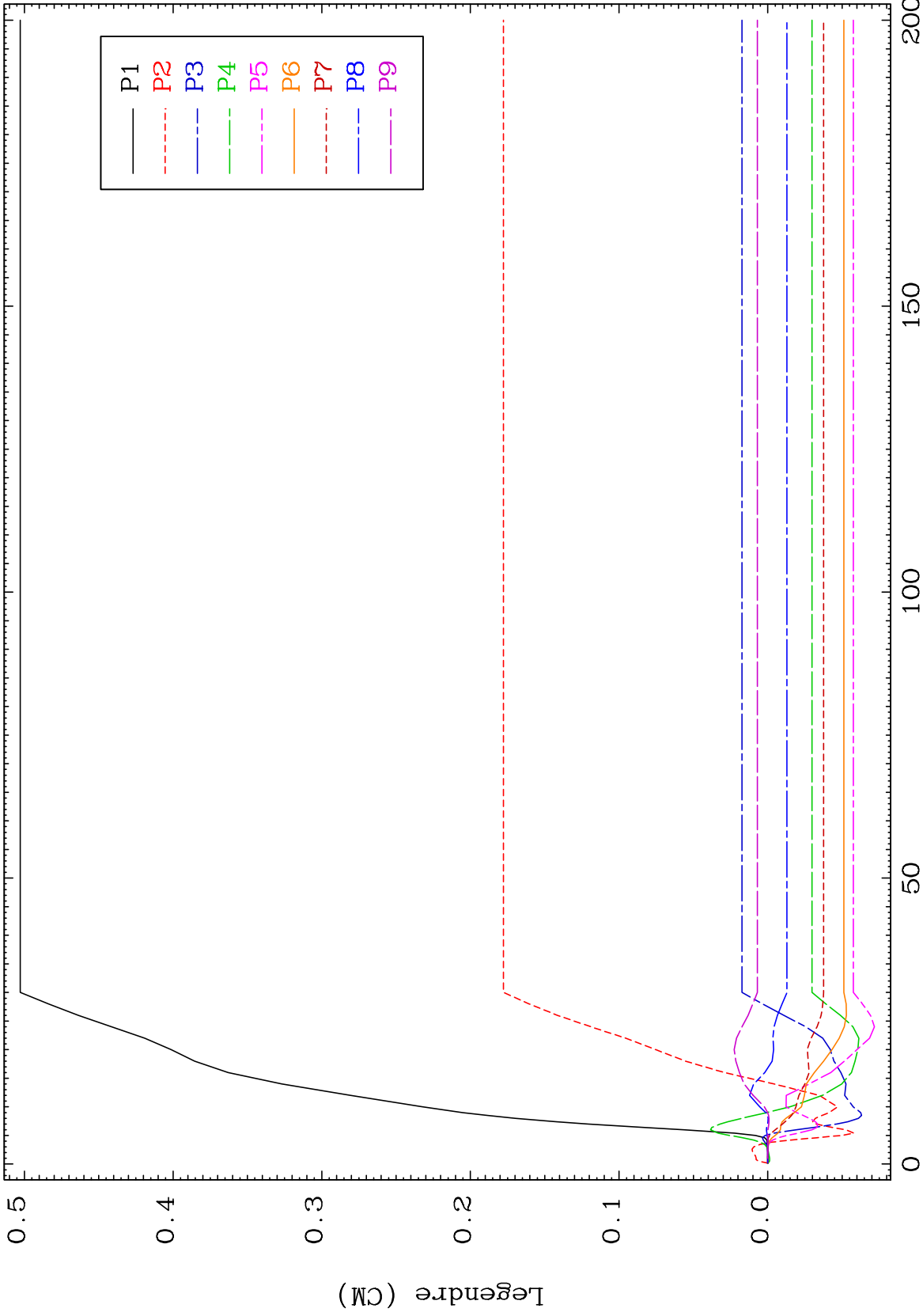
Incident Energy (MeV)

27

MAT 6834

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

68-Er-165



28

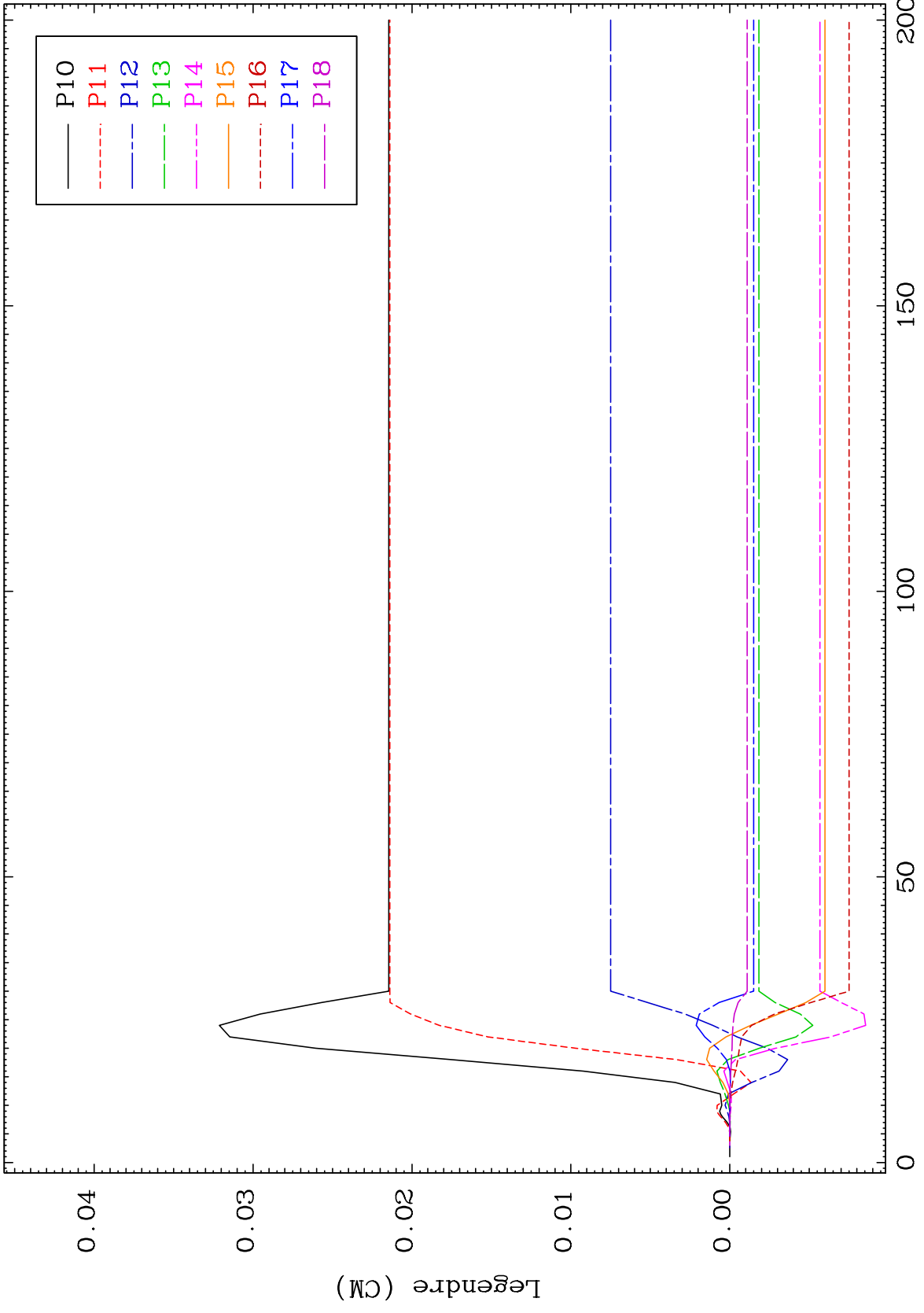
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



29

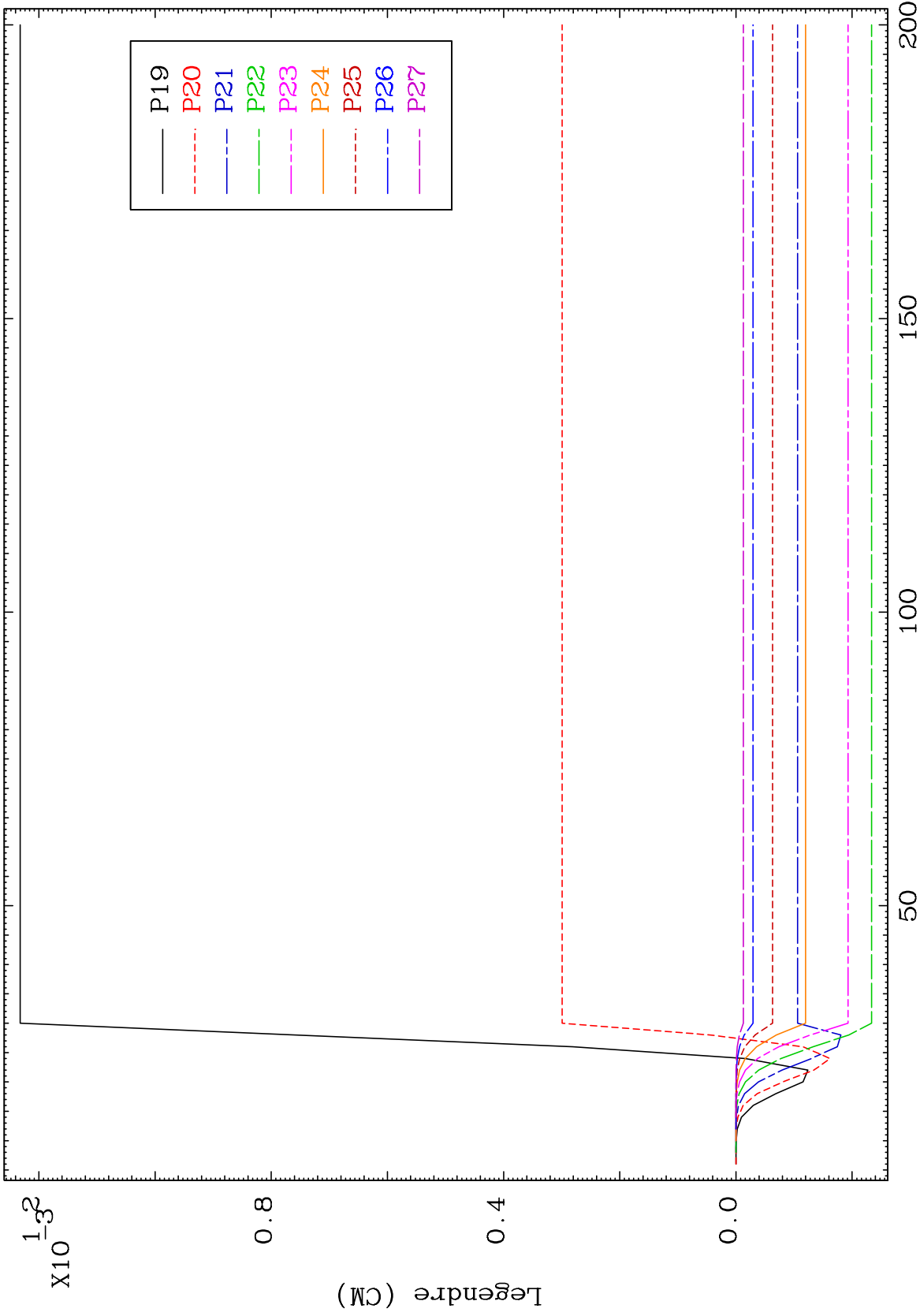
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



30

Incident Energy (MeV)

50

100

150

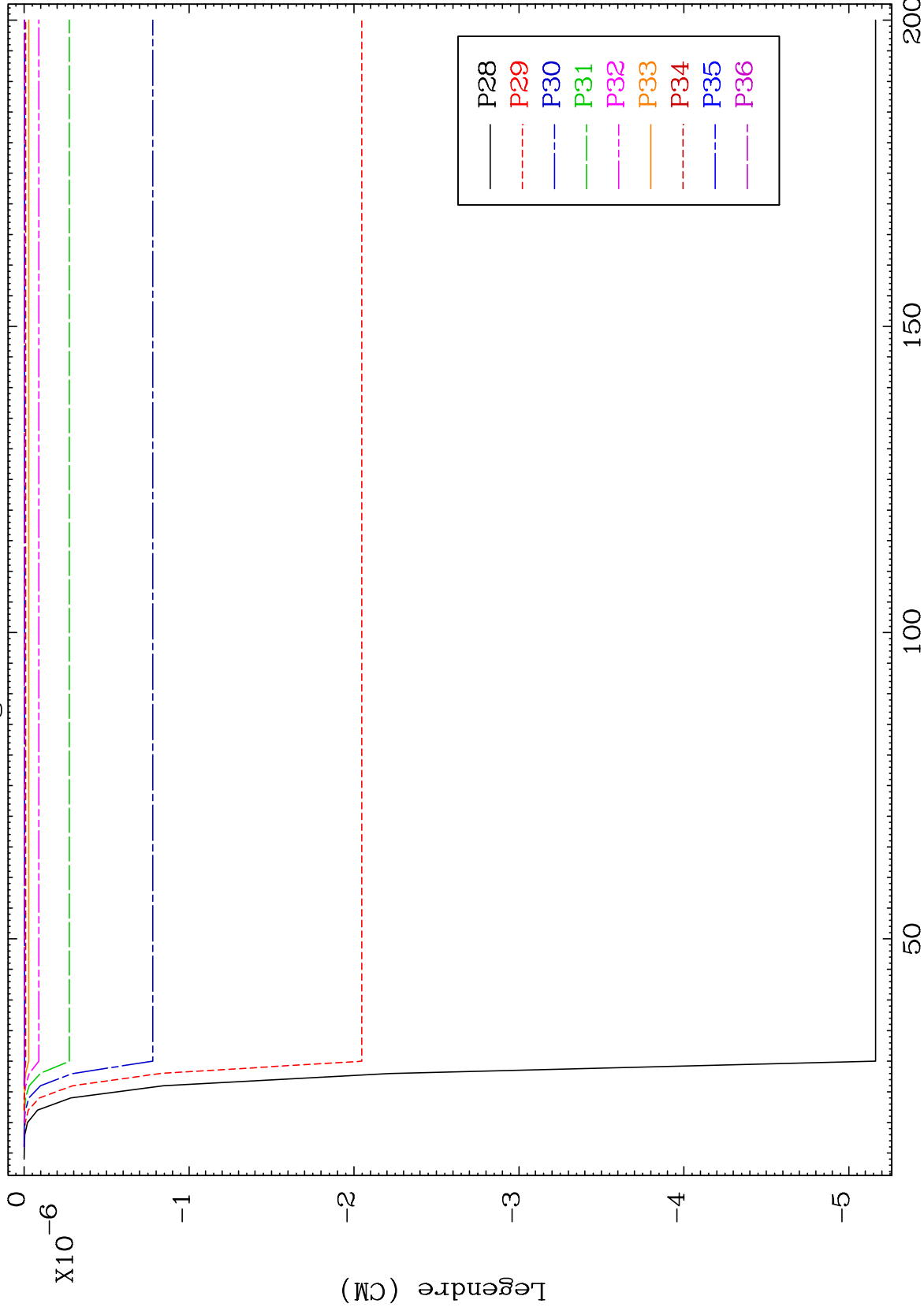
200

68-Er-165

MAT 6834

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

68-Er-165



31

Incident Energy (MeV)

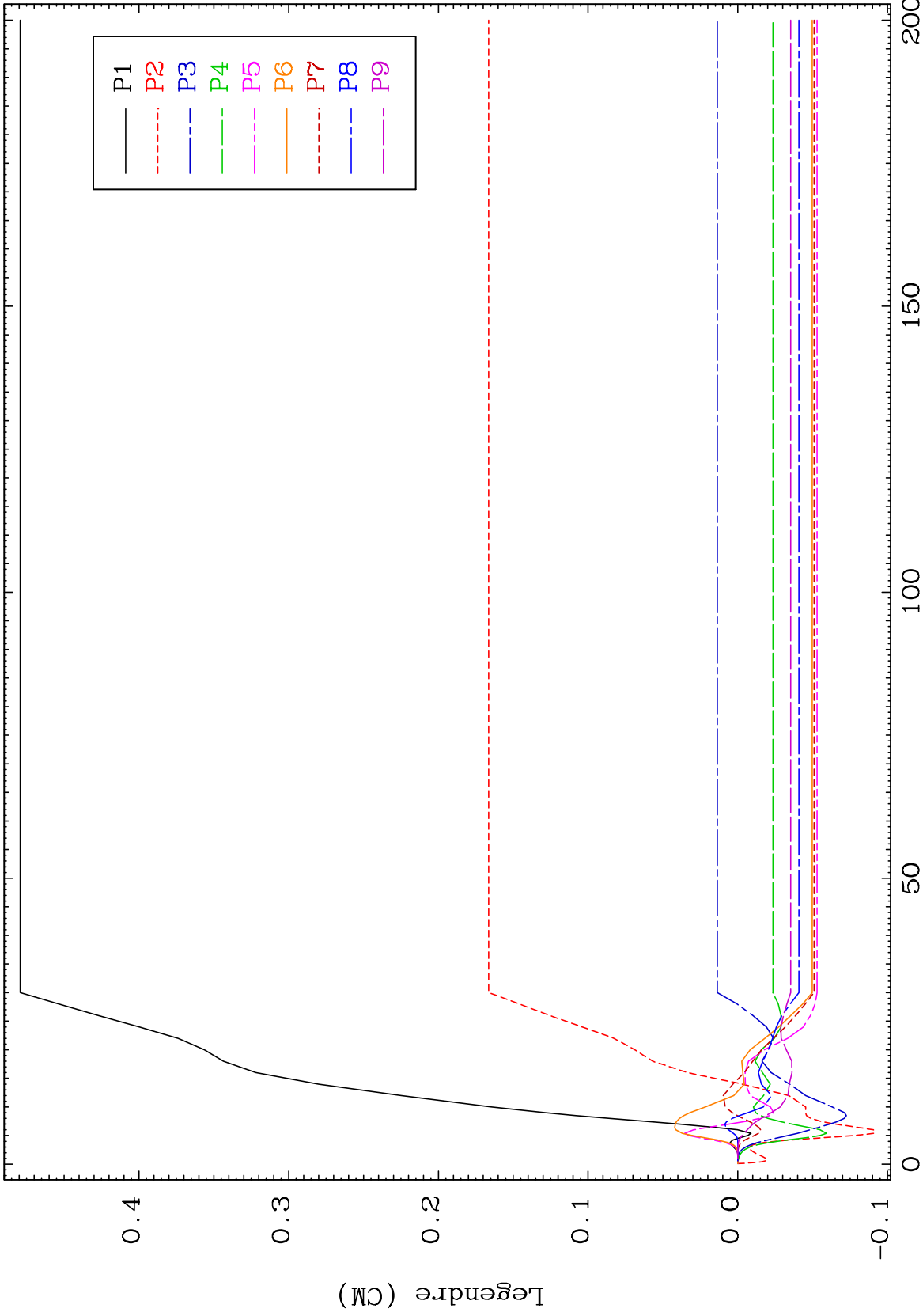
68-Er-165



MAT 6834

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

68-Er-165



32

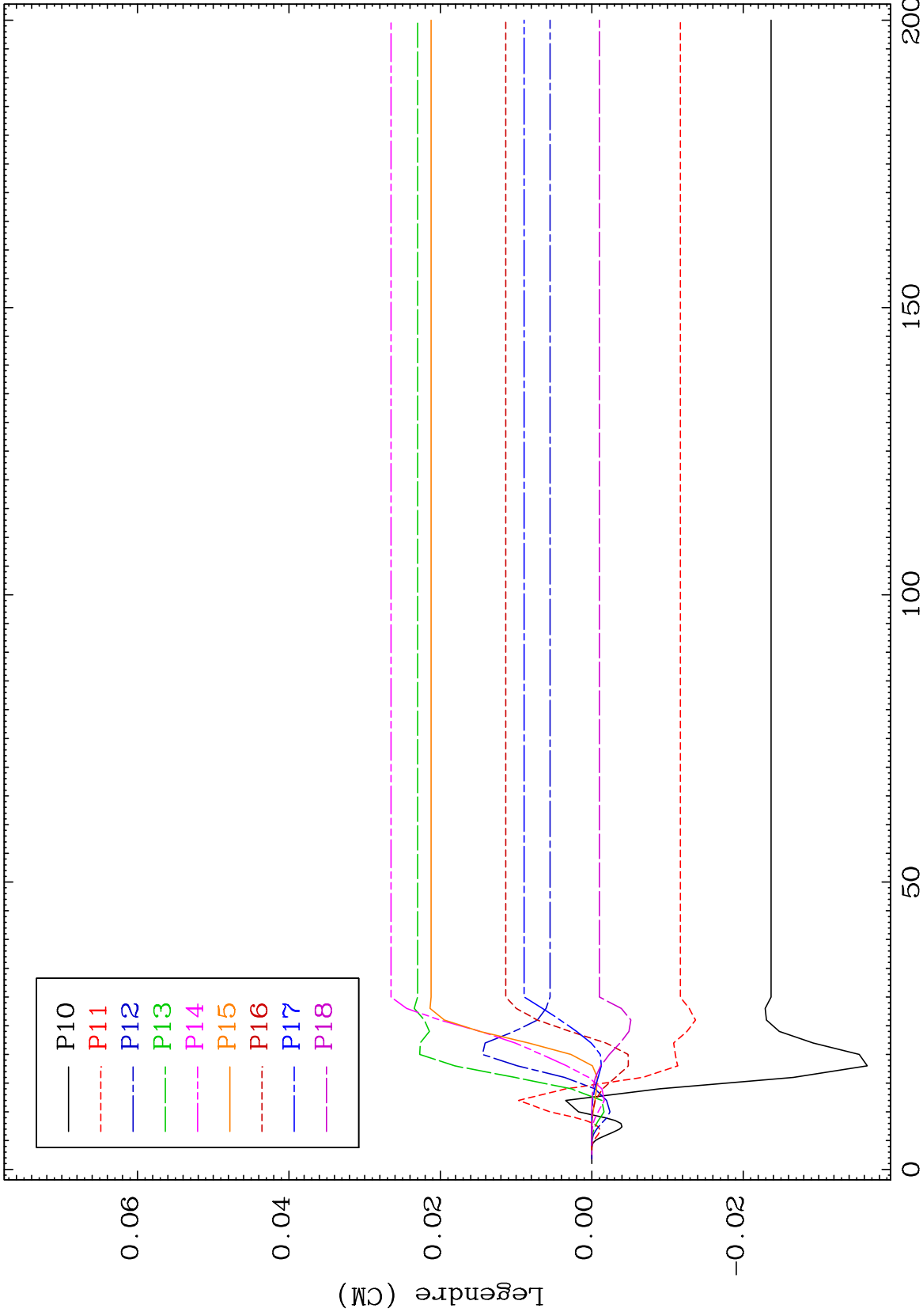
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



33

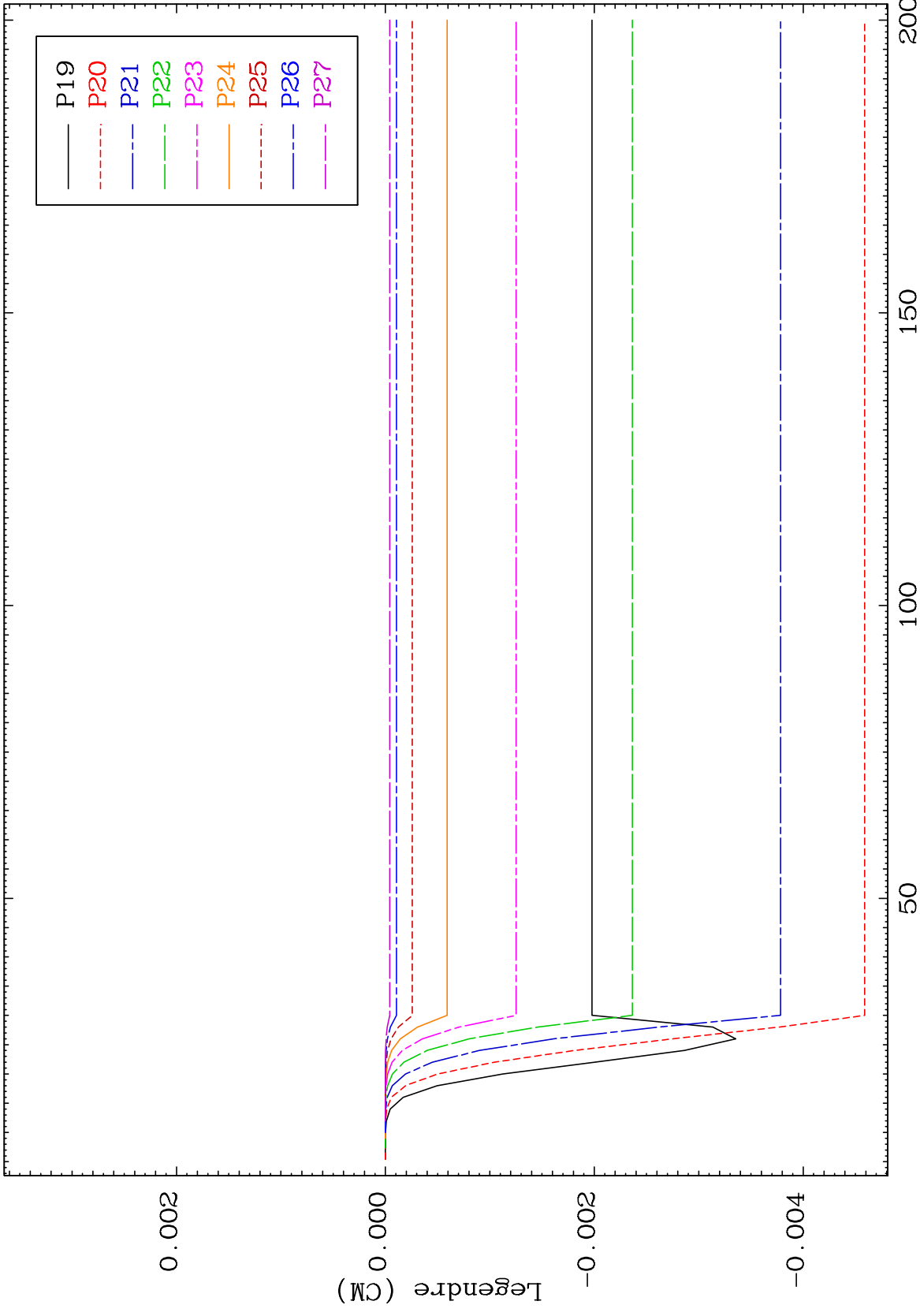
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



34

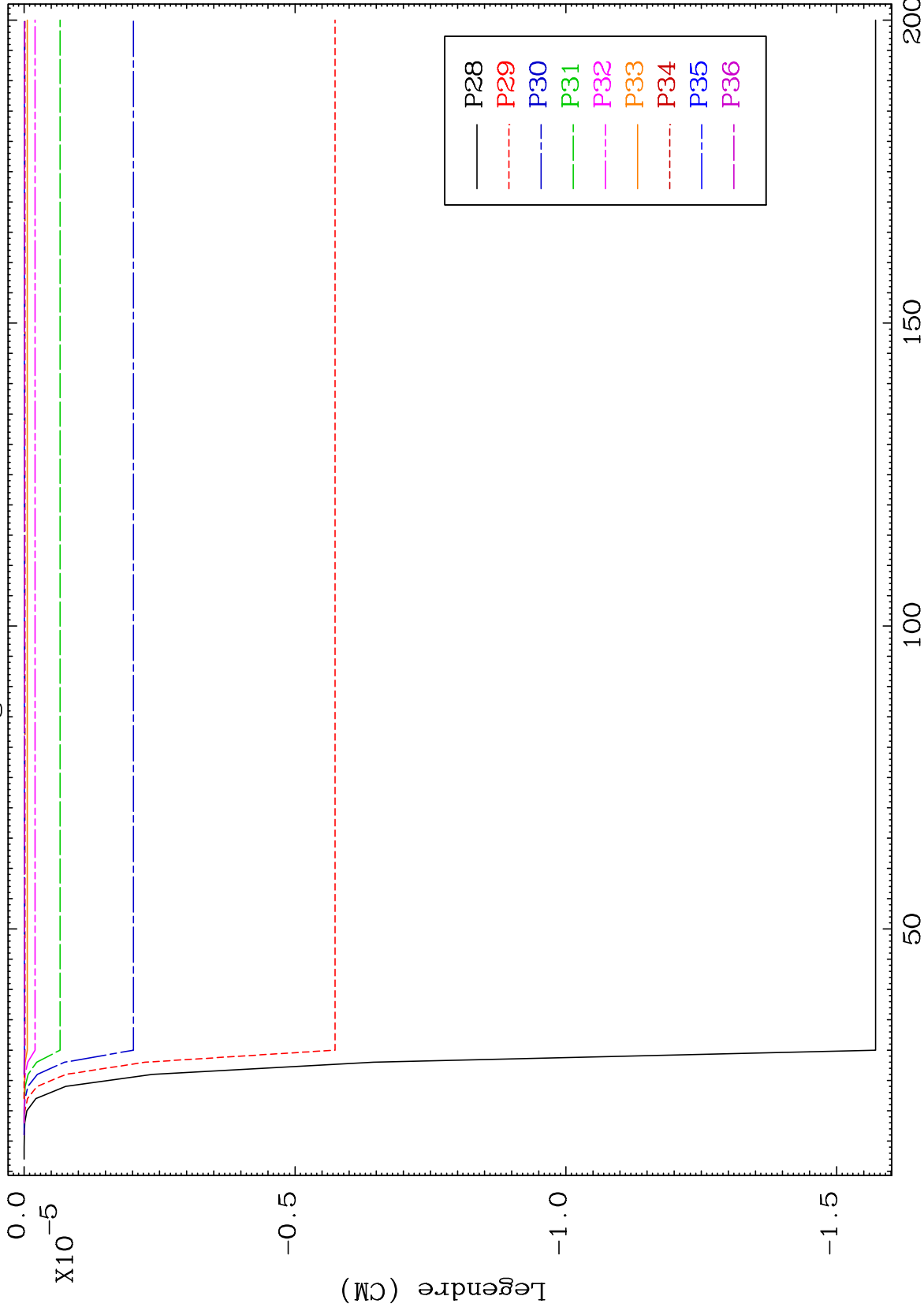
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

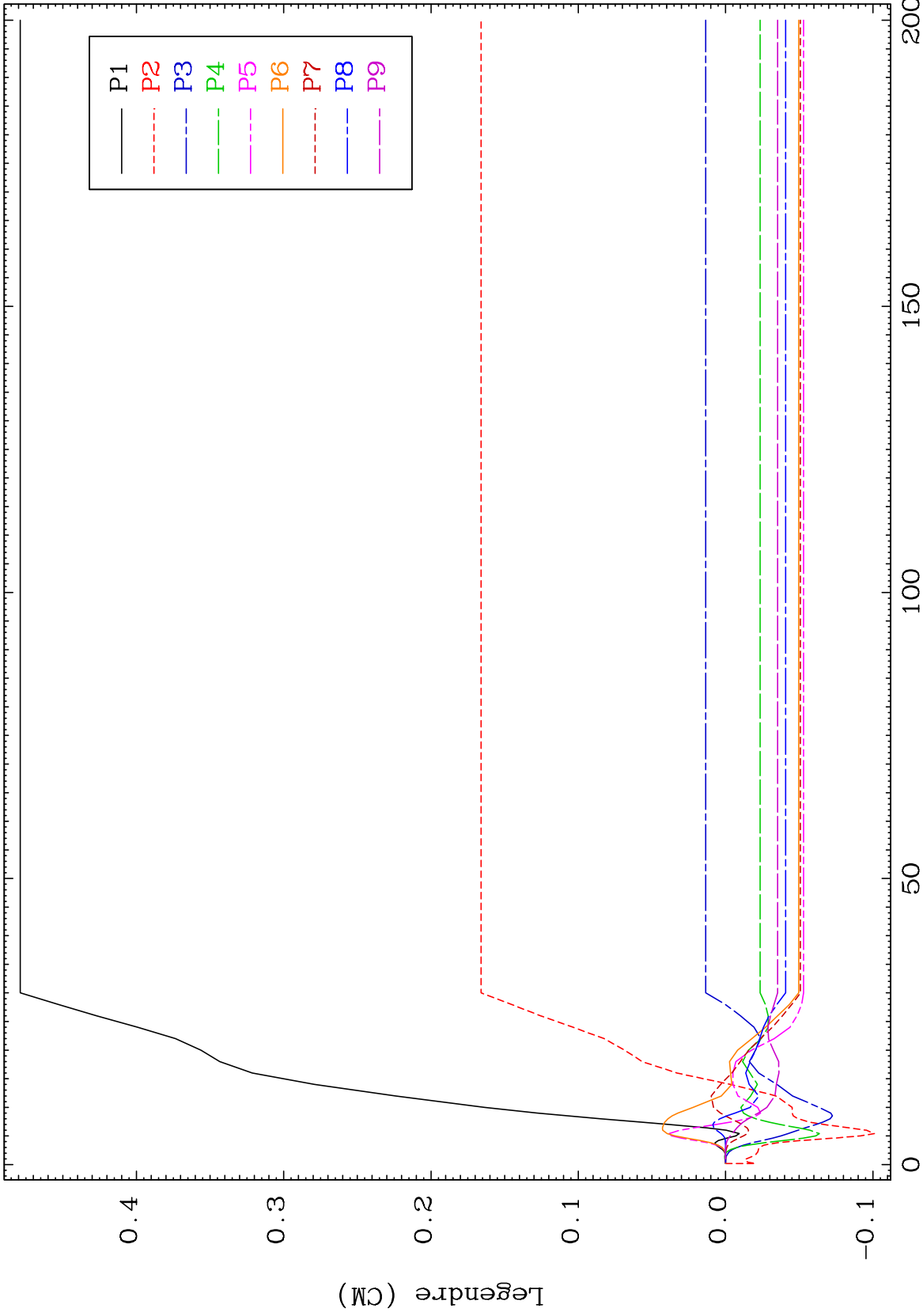
Incident Energy (MeV)

35

MAT 6834

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

68-Er-165



36

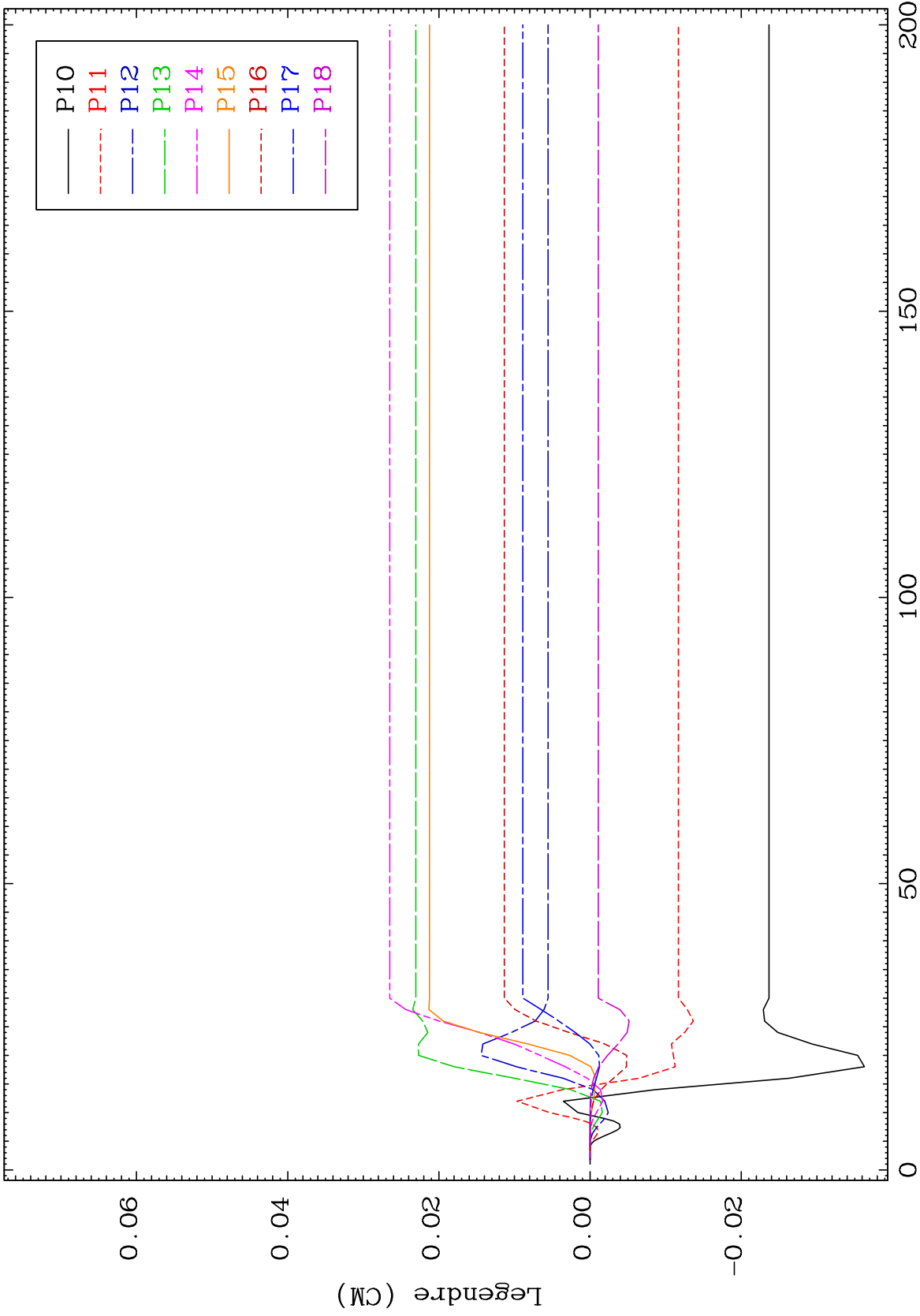
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



37

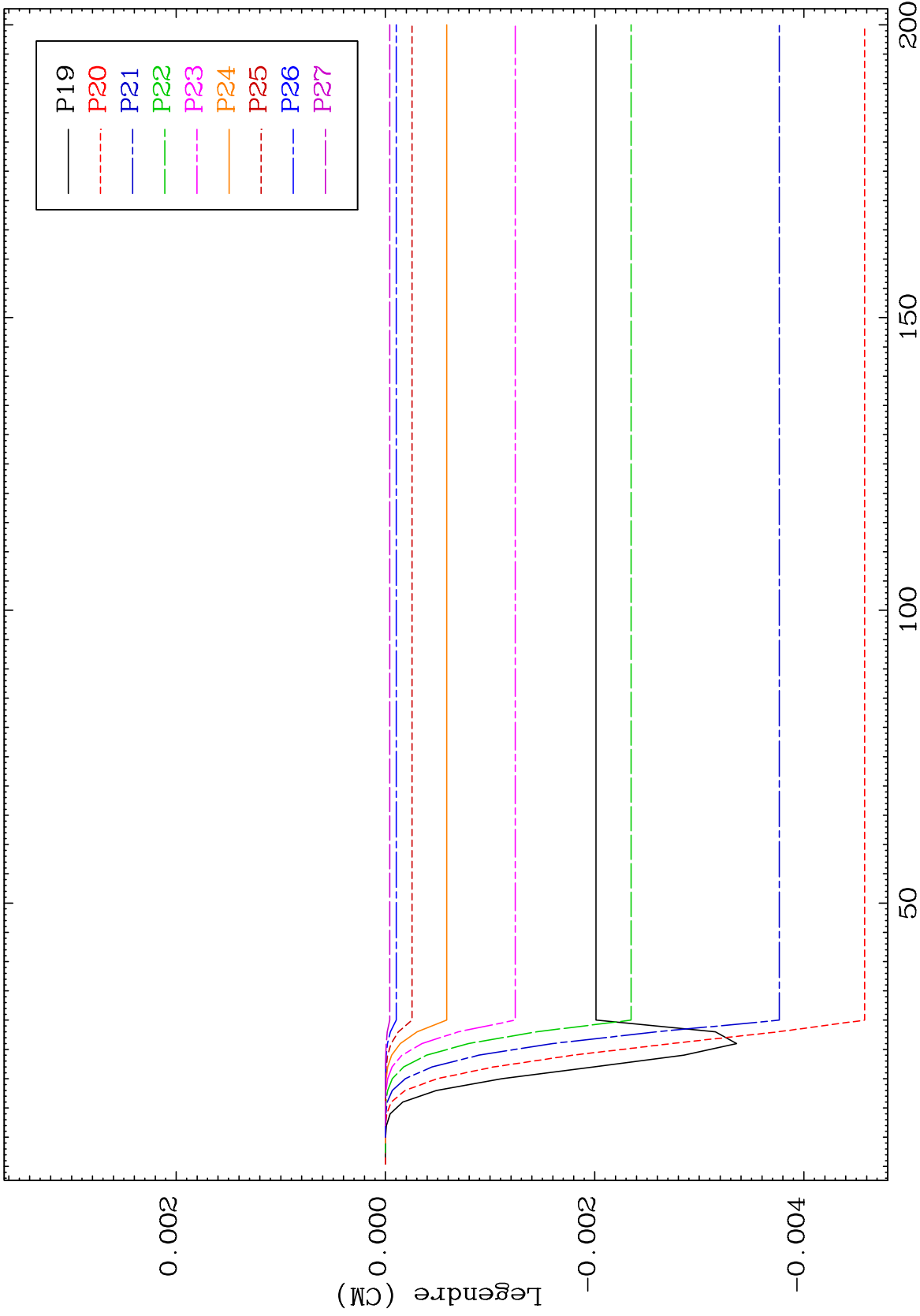
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



38

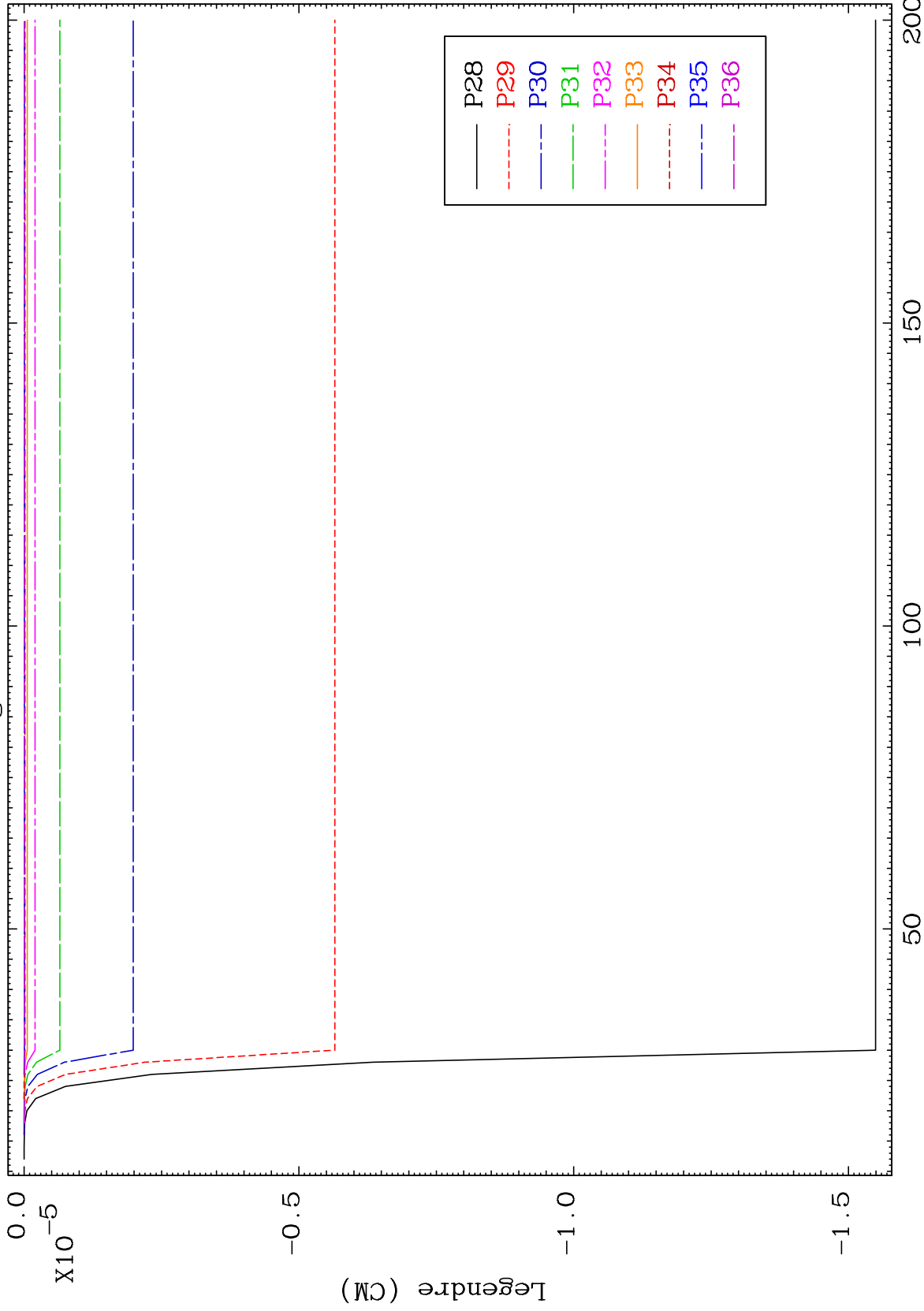
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

Incident Energy (MeV)

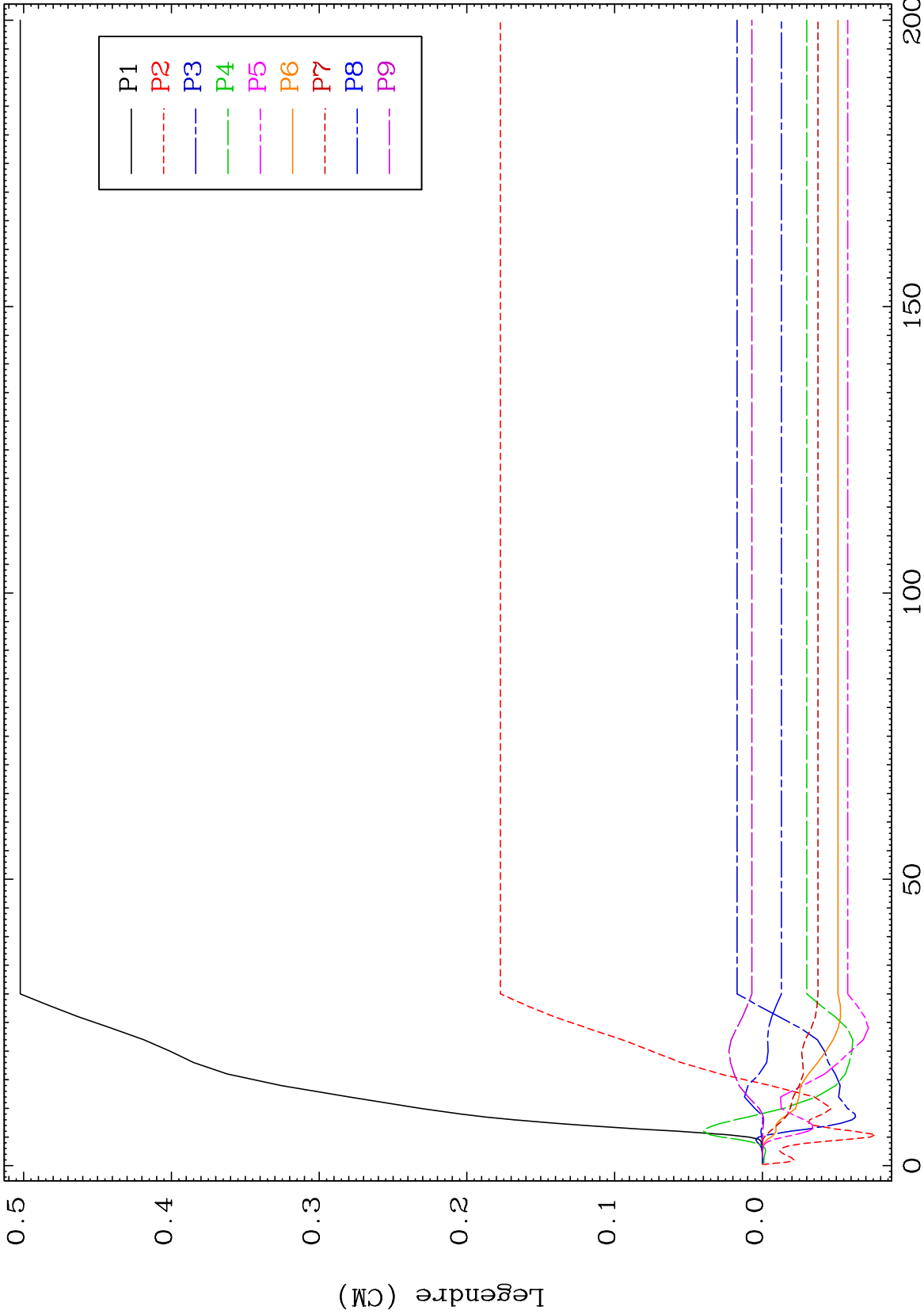
39



MAT 6834

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

68-Er-165



40

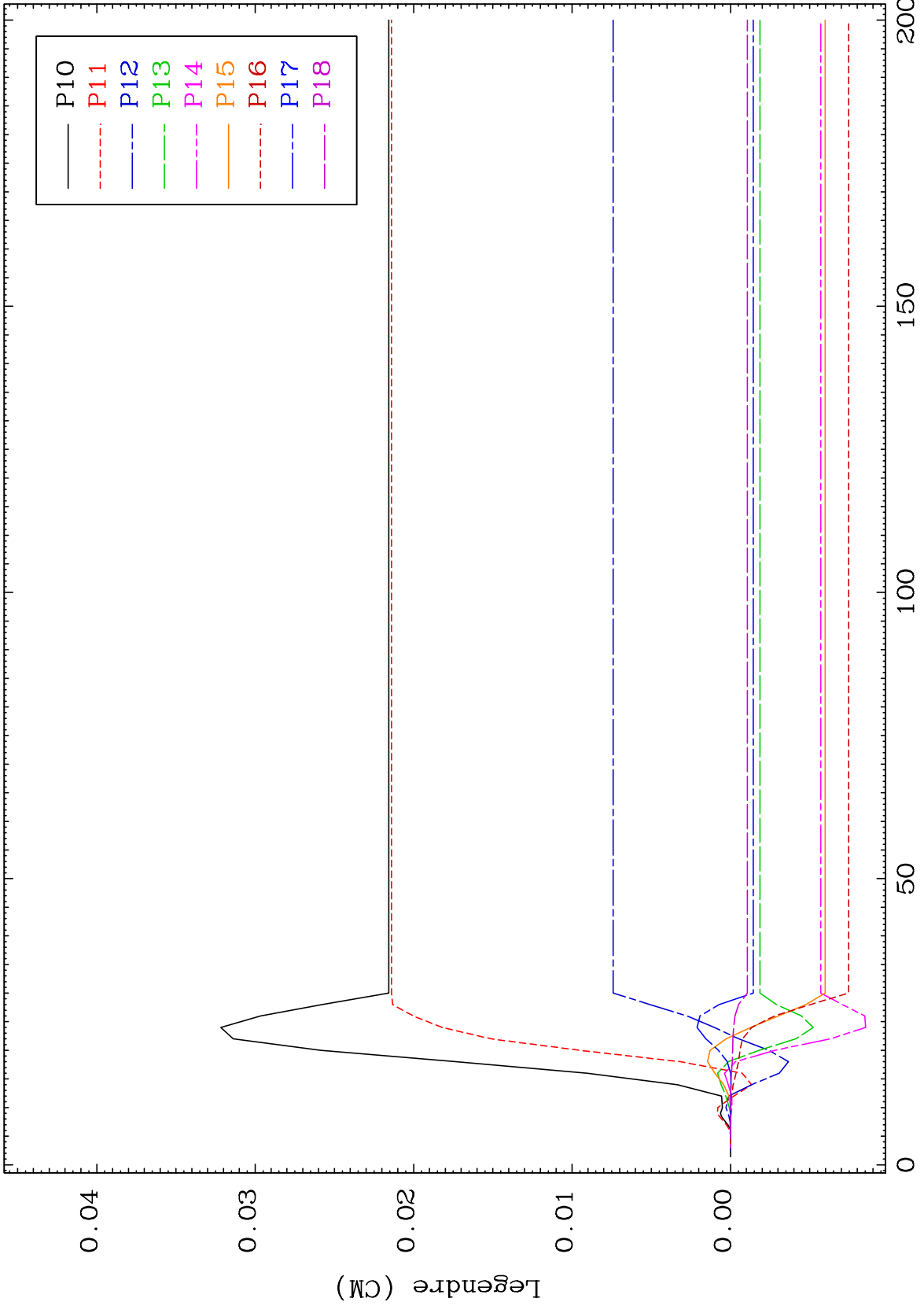
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



41

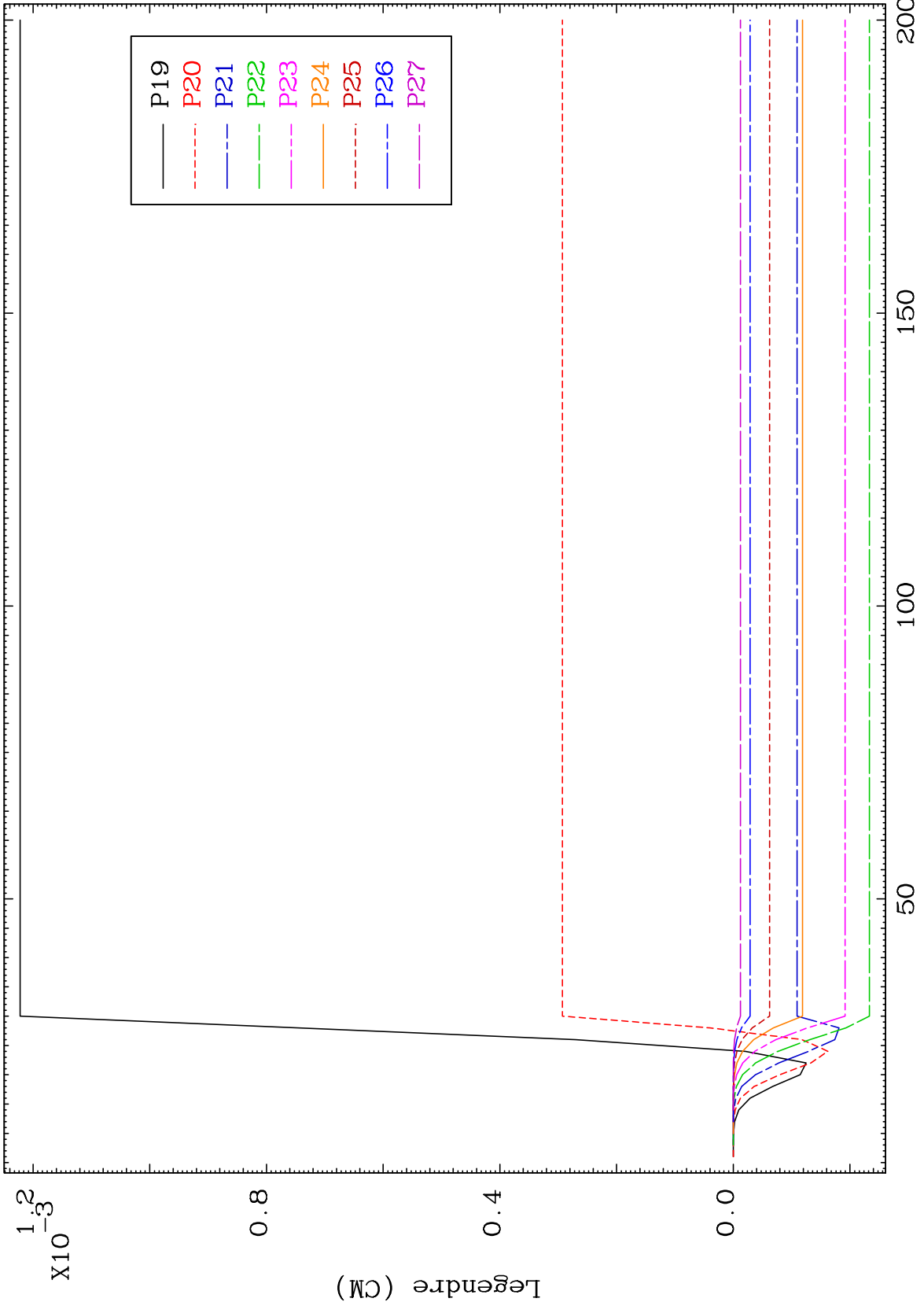
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



42

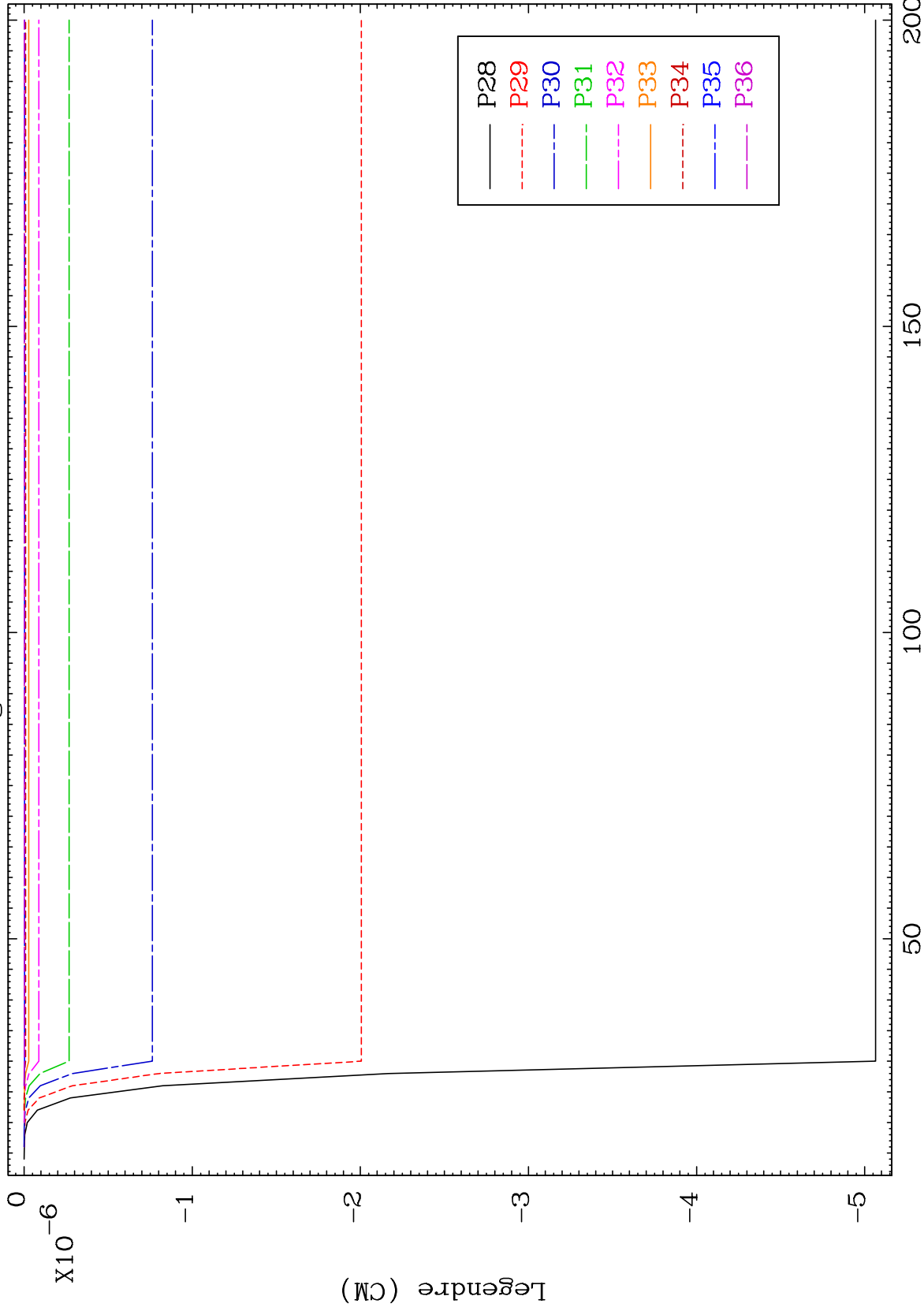
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



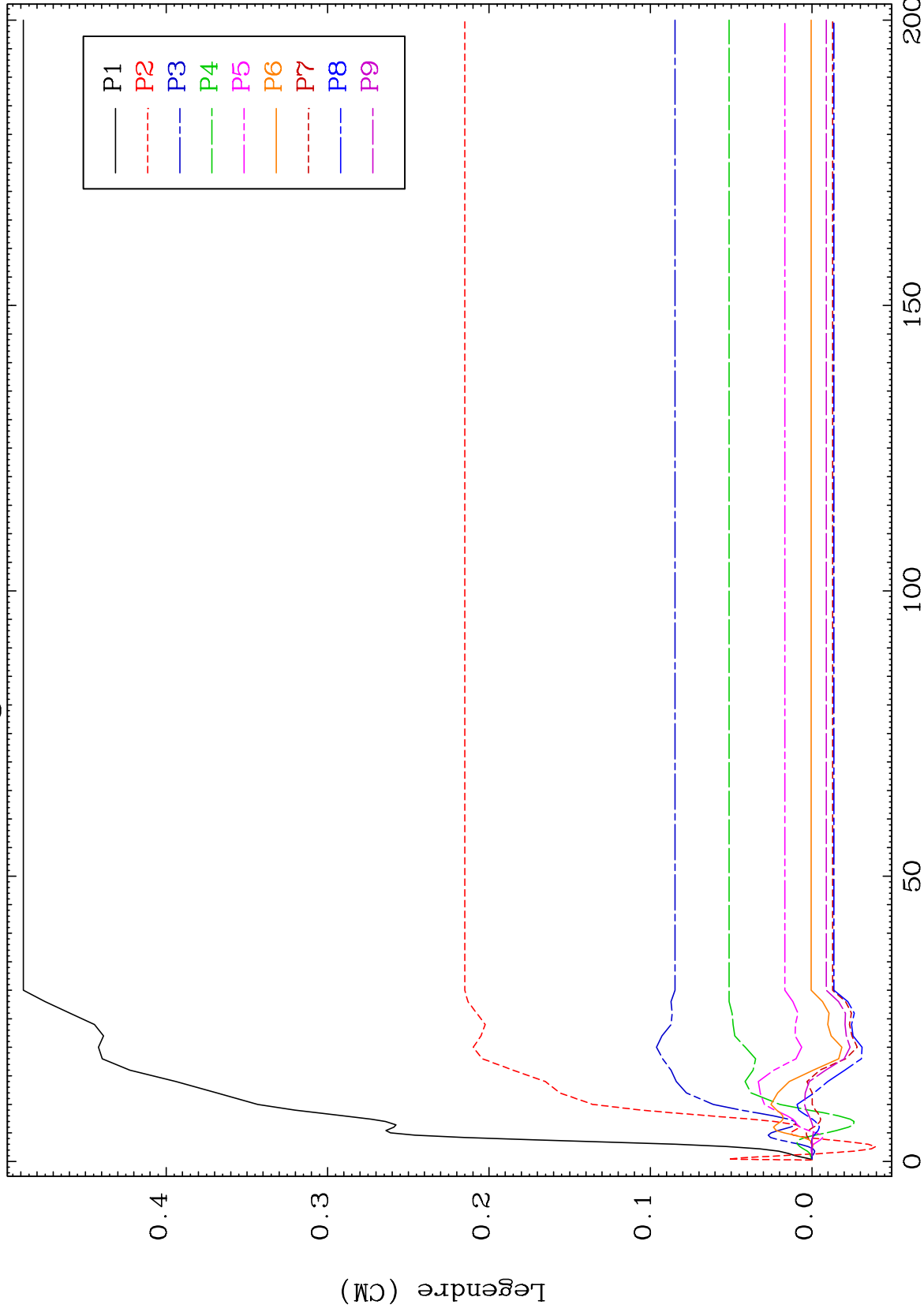
43

68-Er-165

MAT 6834

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

68-Er-165



44

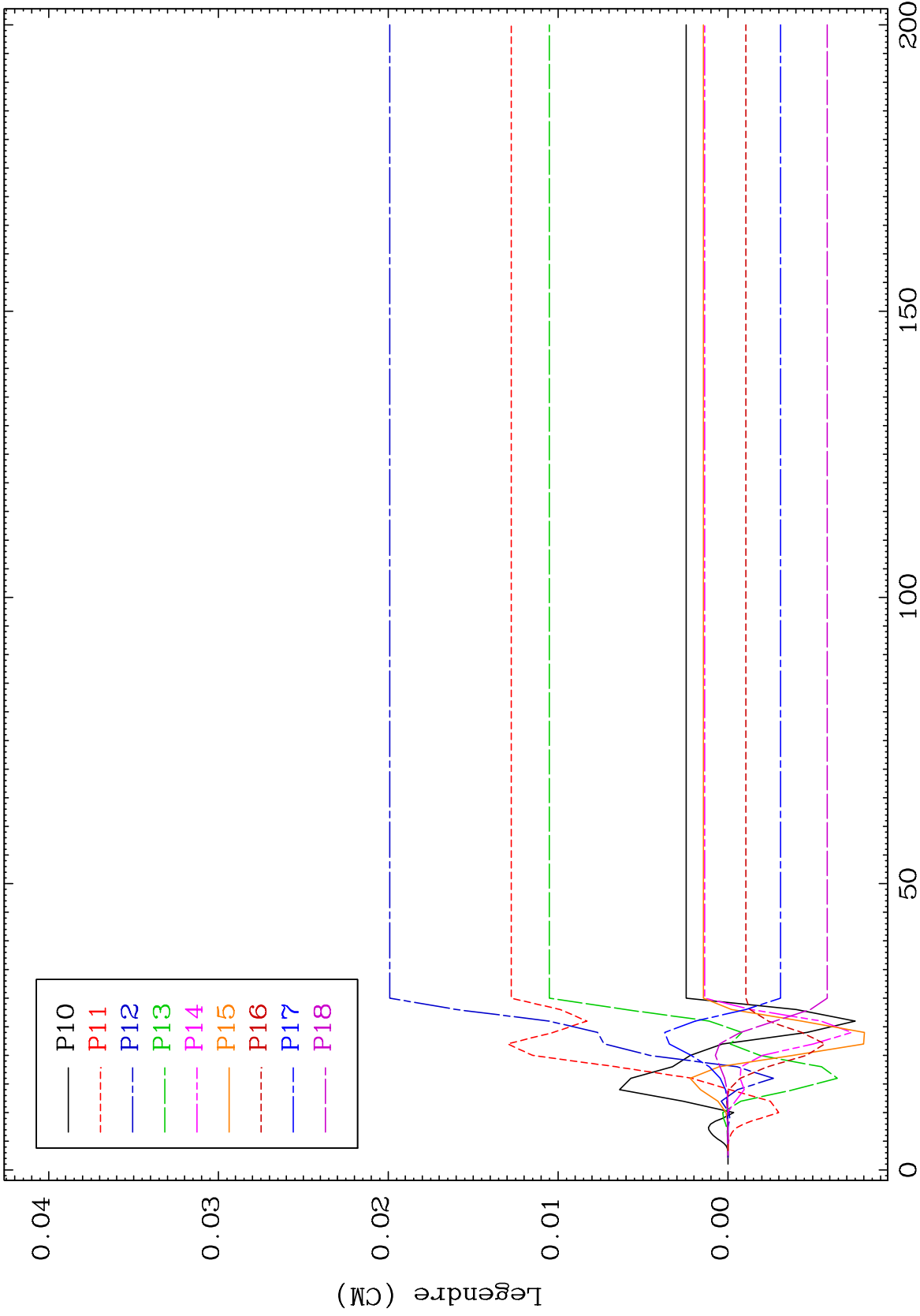
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



45

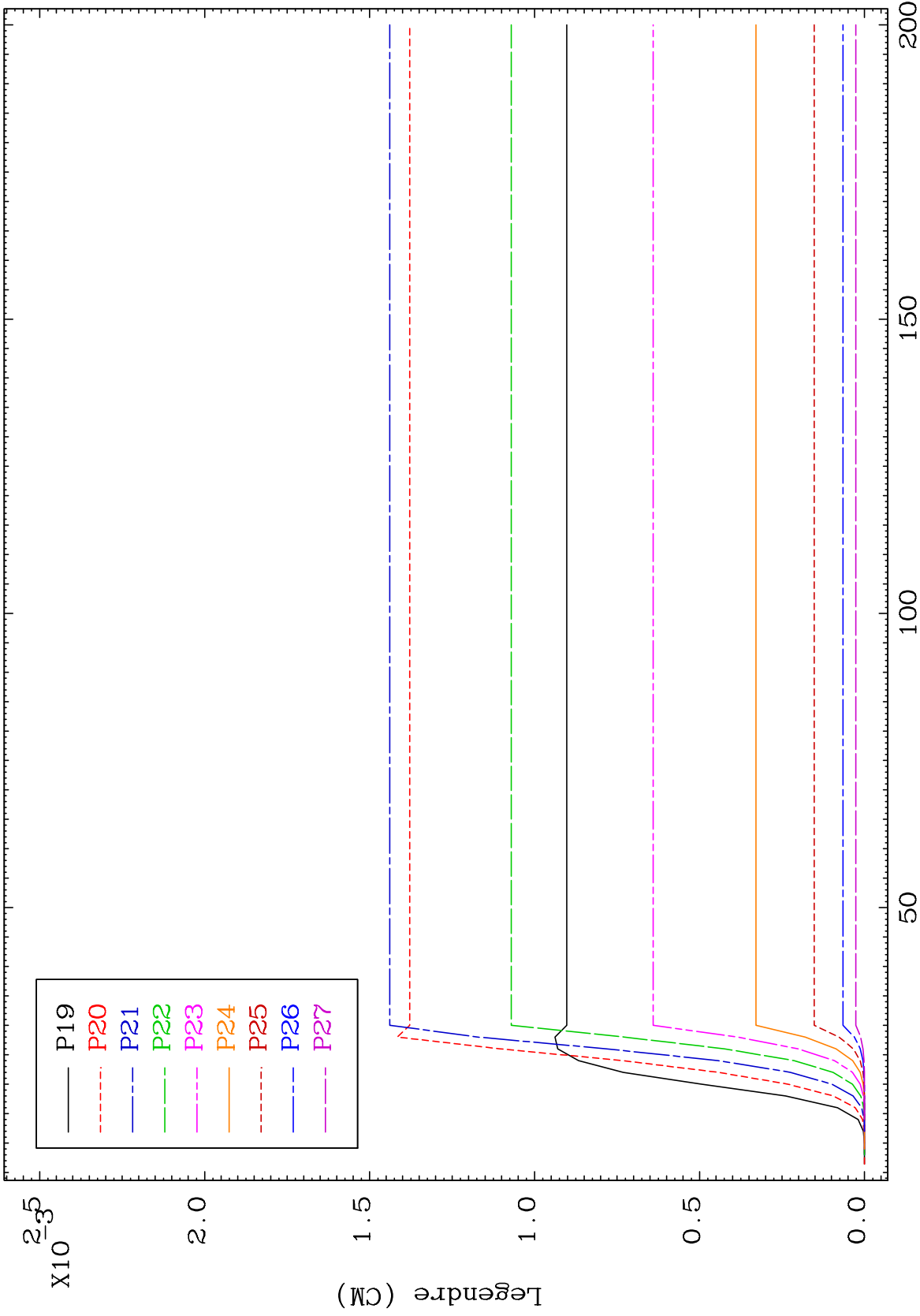
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



46

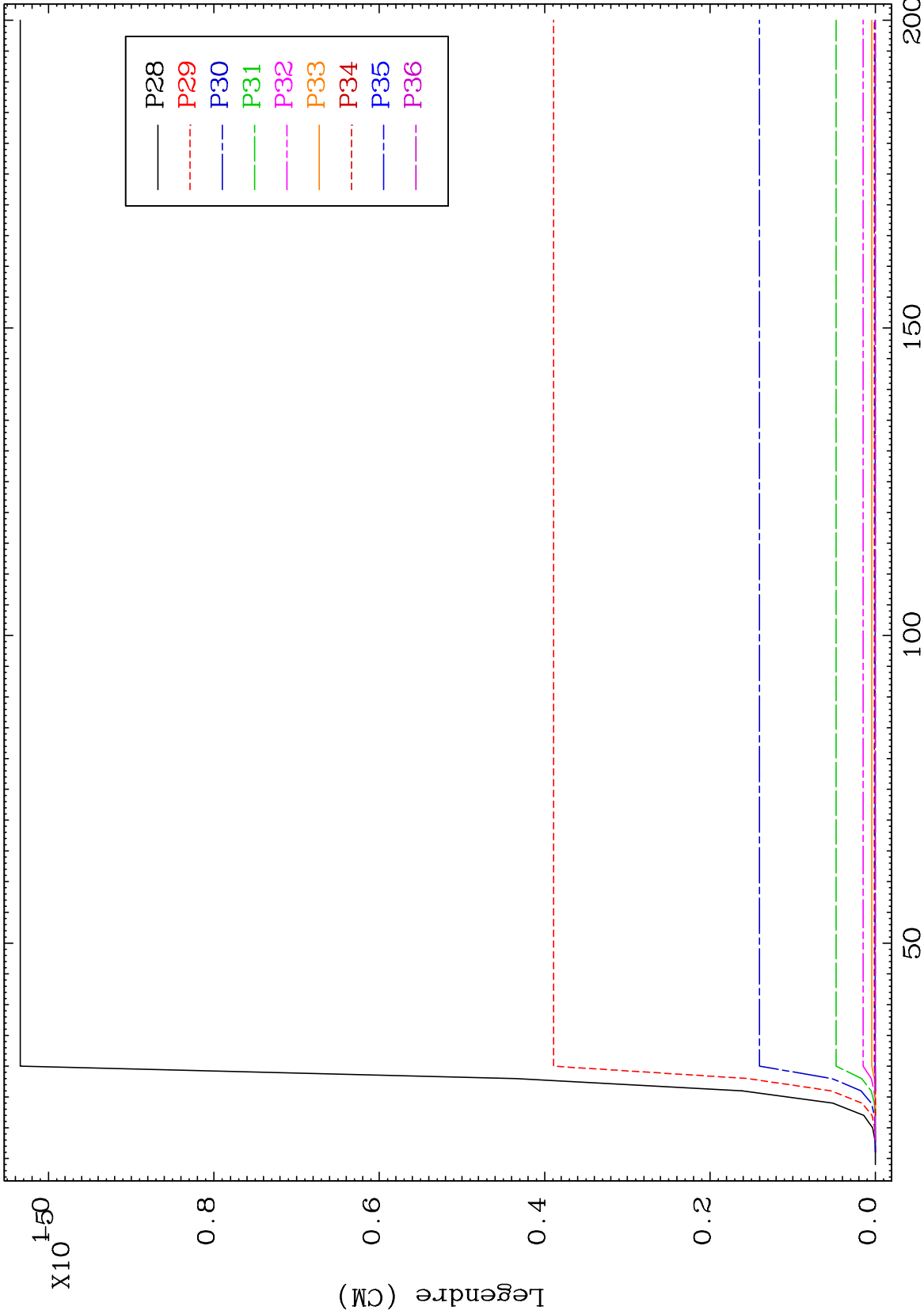
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



47

Incident Energy (MeV)

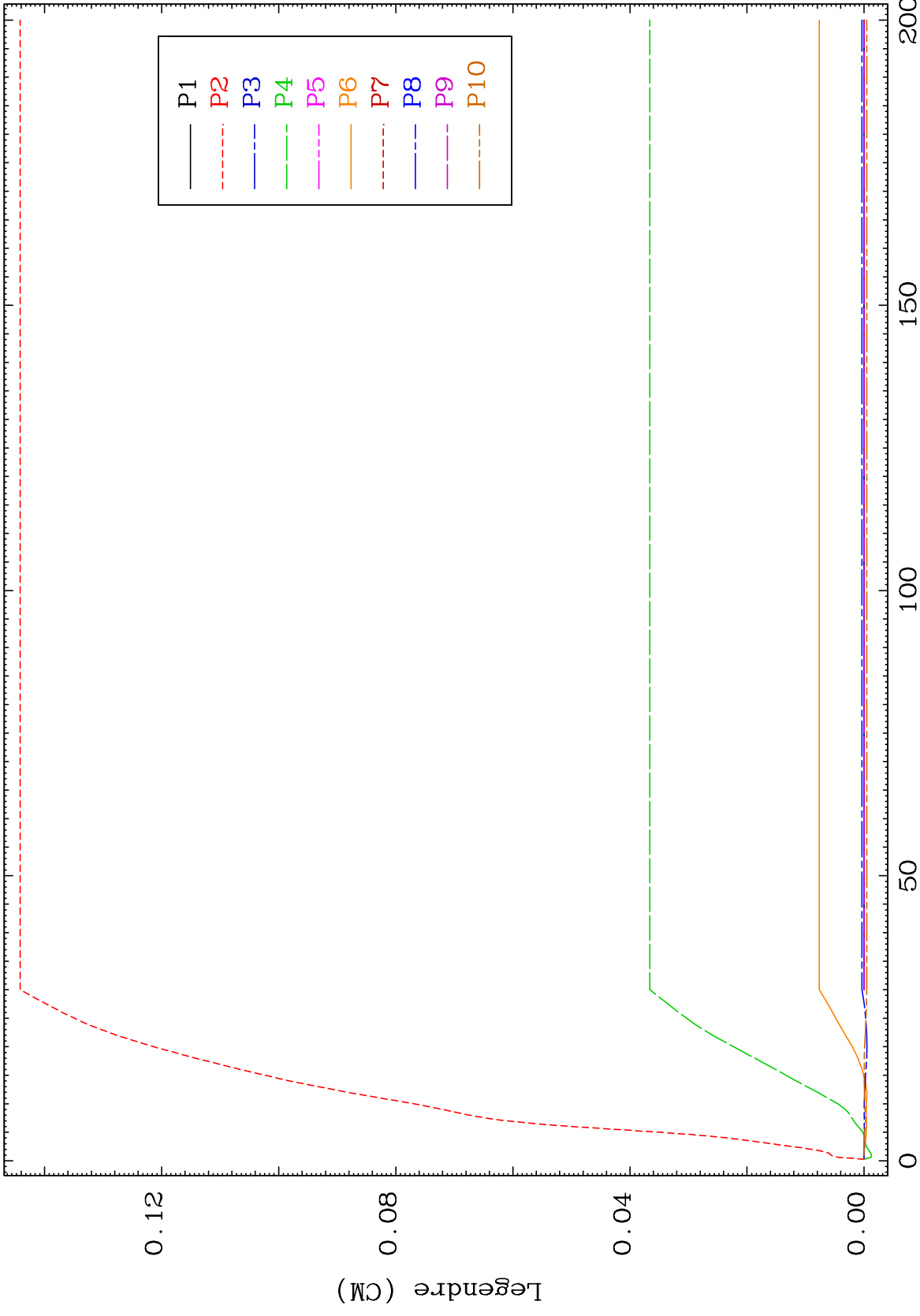
68-Er-165



MAT 6834

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

68-Er-165



48

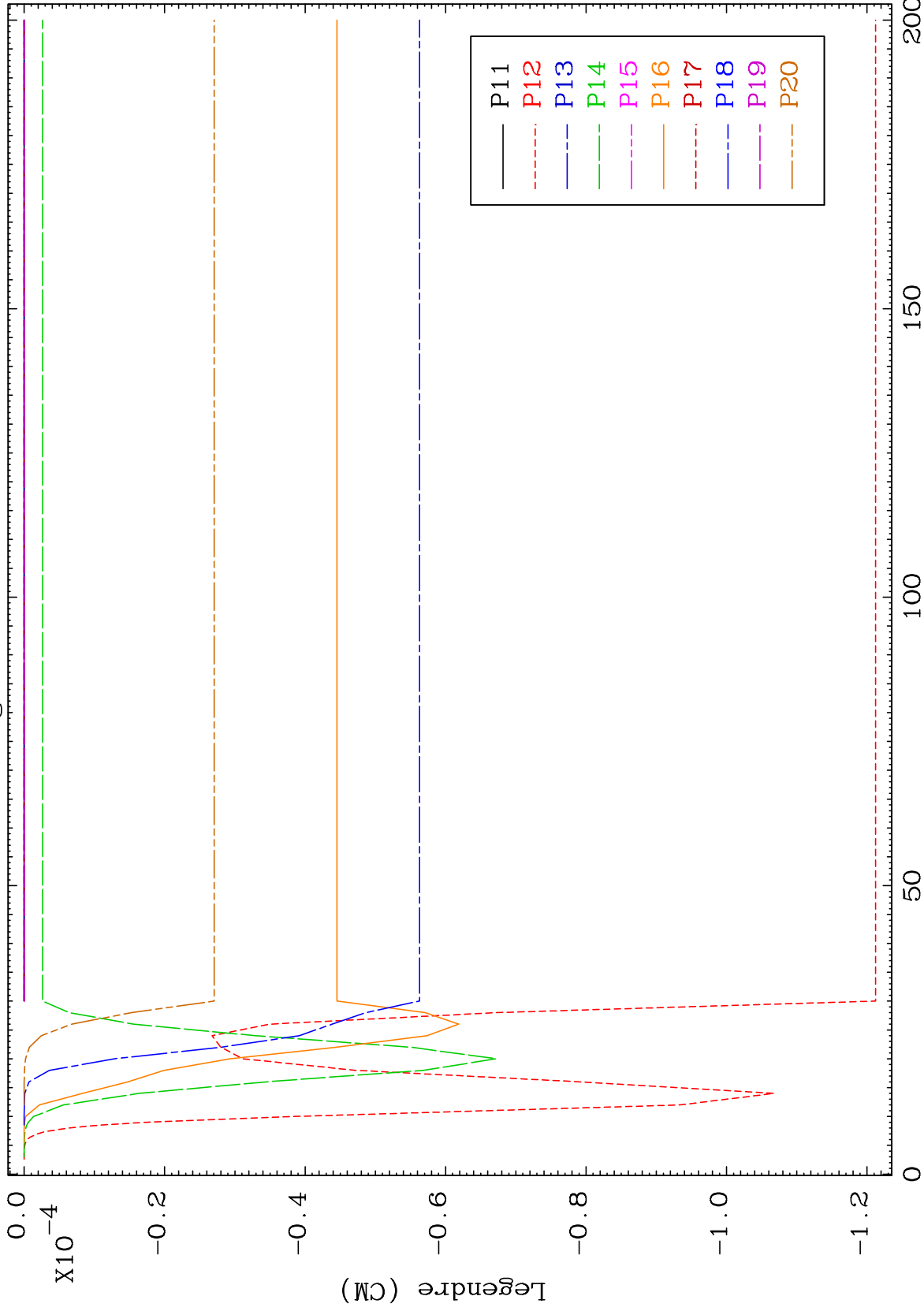
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165

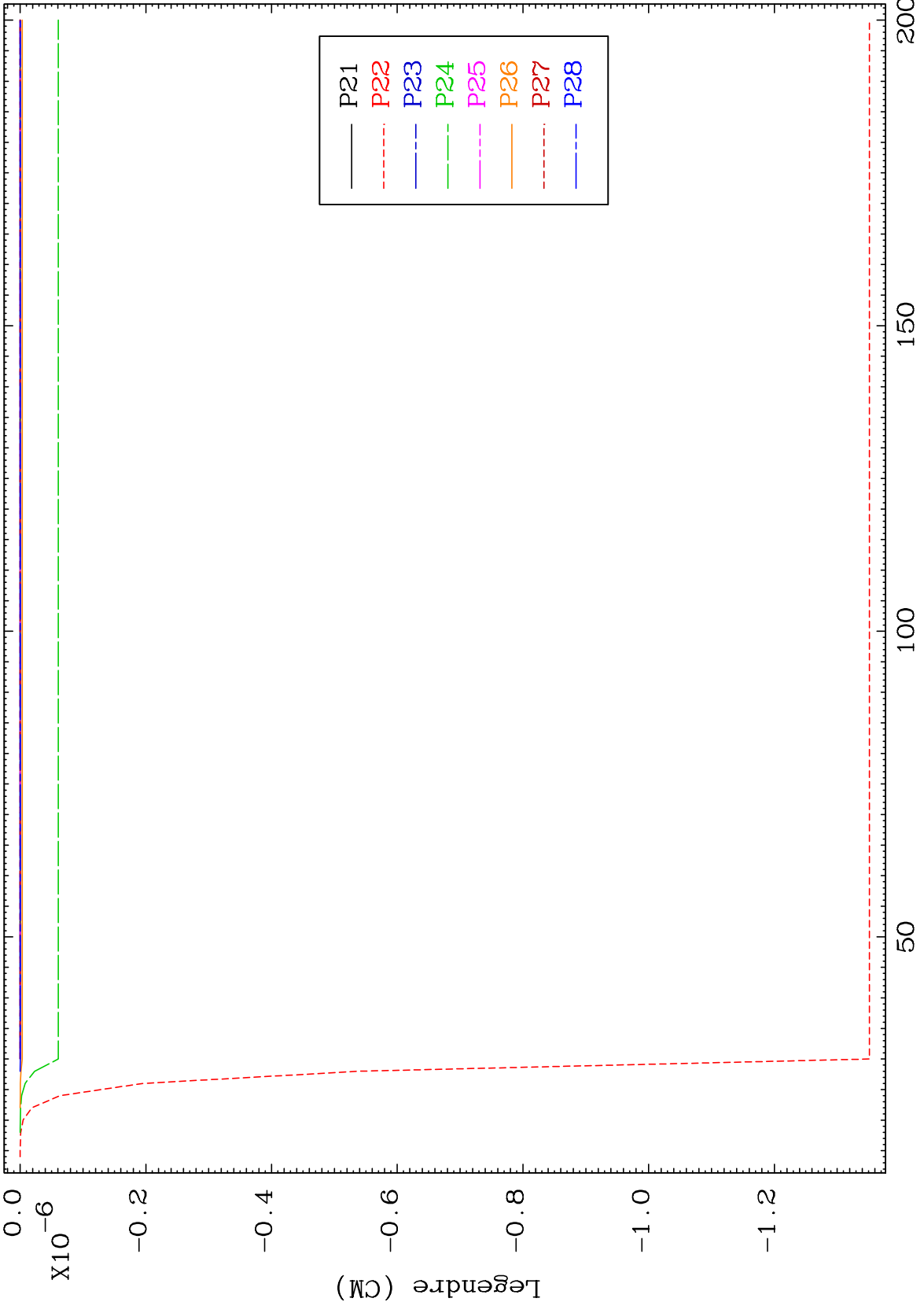


49

Incident Energy (MeV)

68-Er-165

MAT 6834 MT= 58 (n,n') Level Legendre Coefficients 68-Er-165

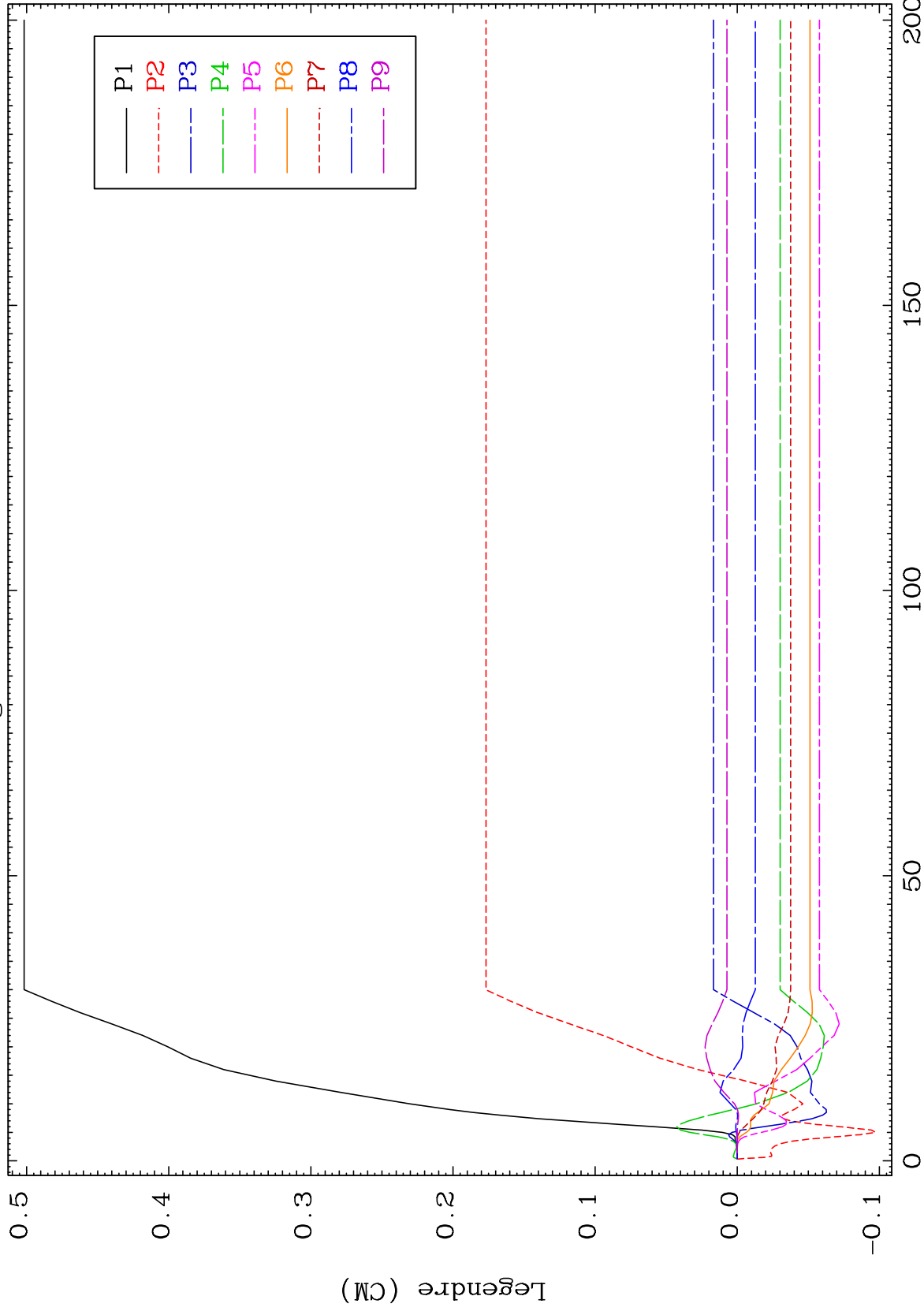


68-Er-165

MAT 6834

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

68-Er-165



51

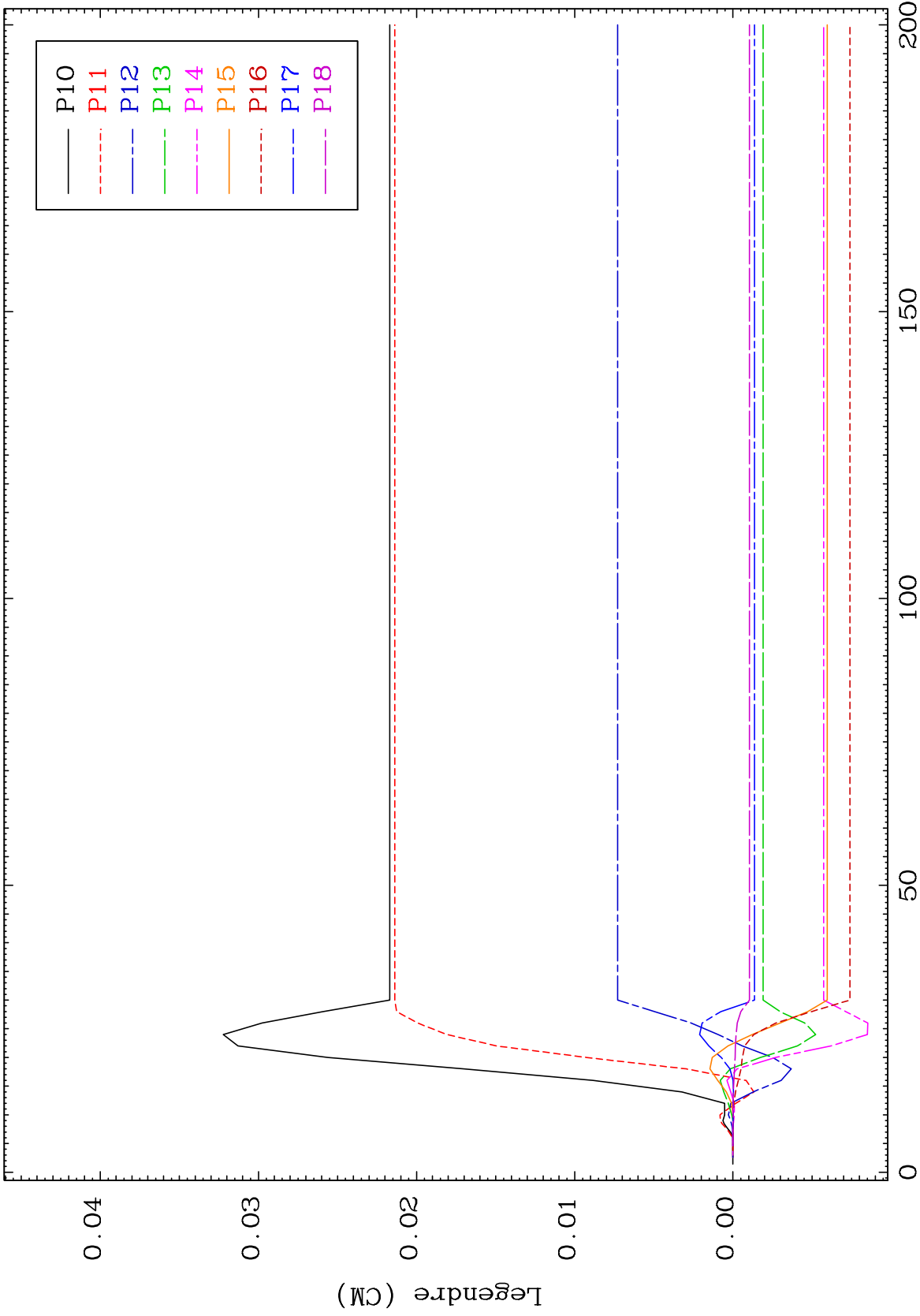
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



52

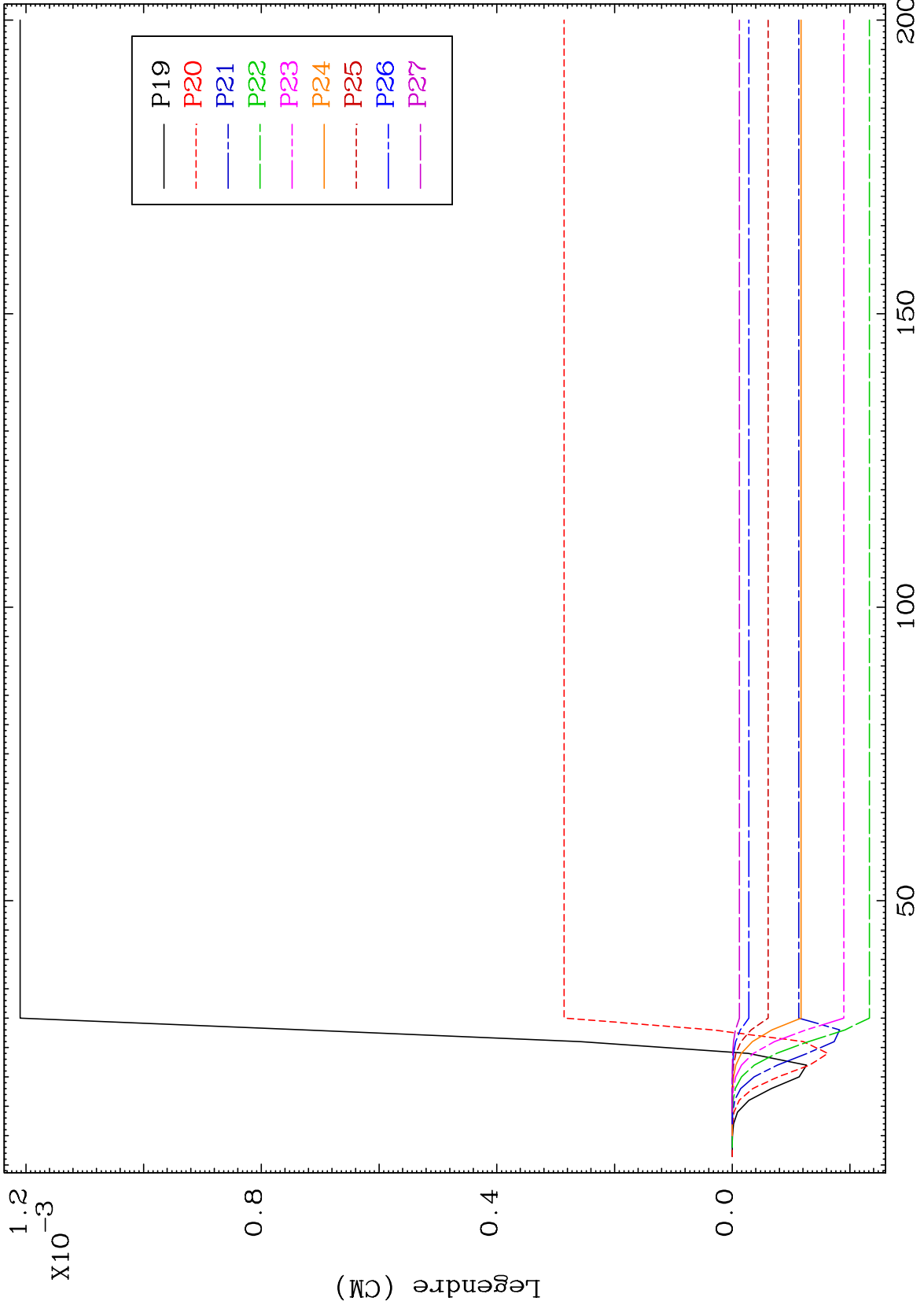
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



53

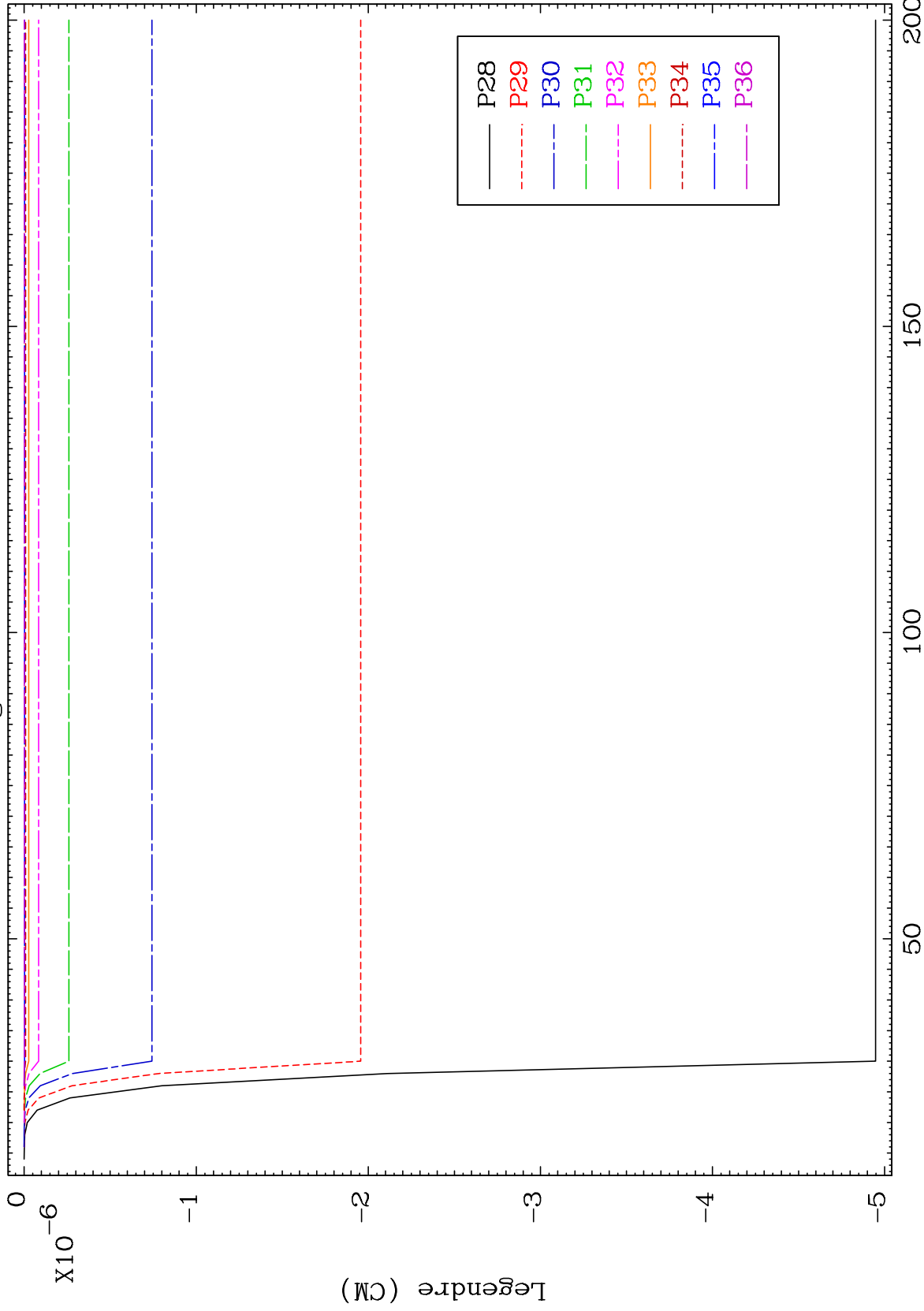
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



54

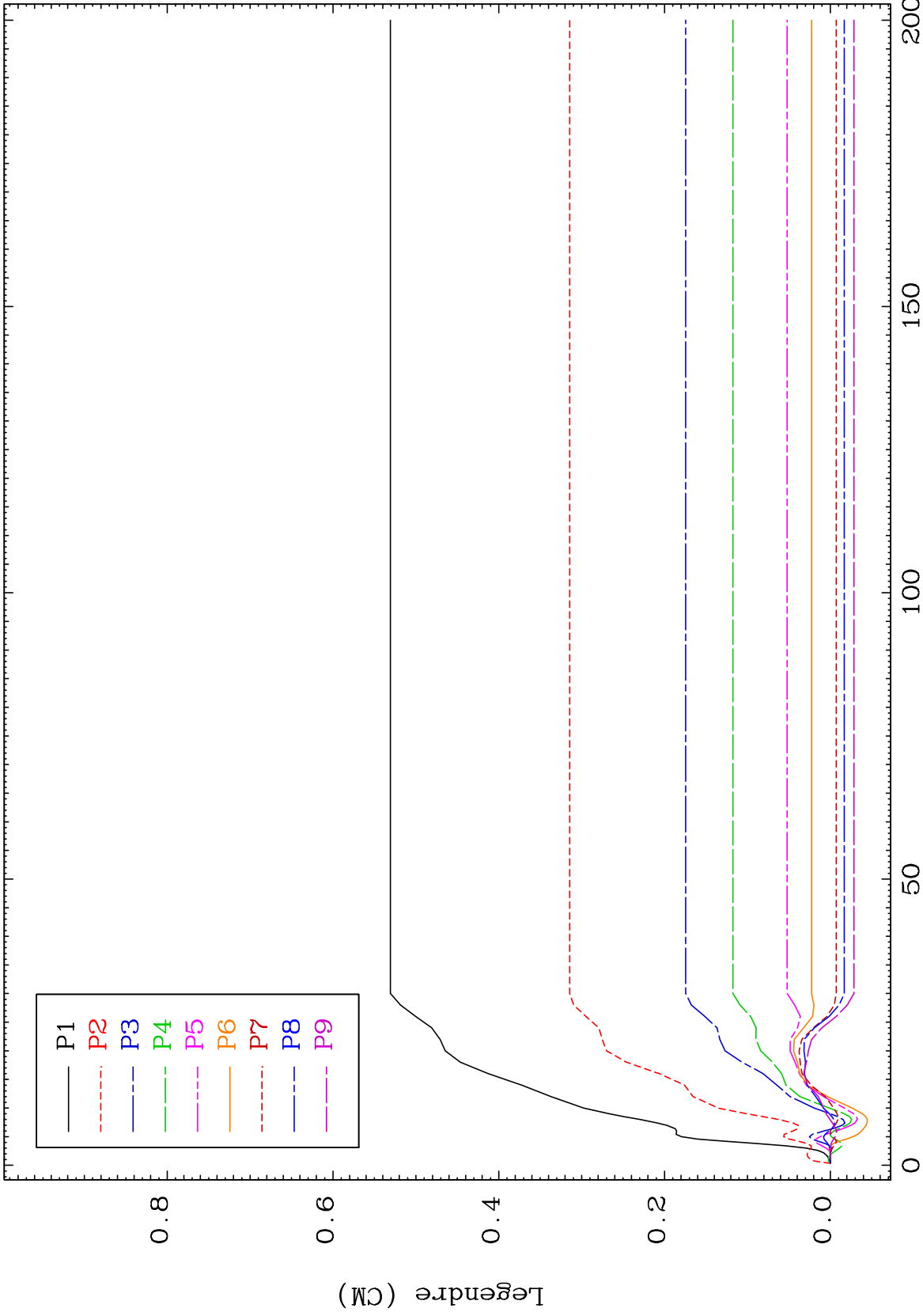
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



55

Incident Energy (MeV)

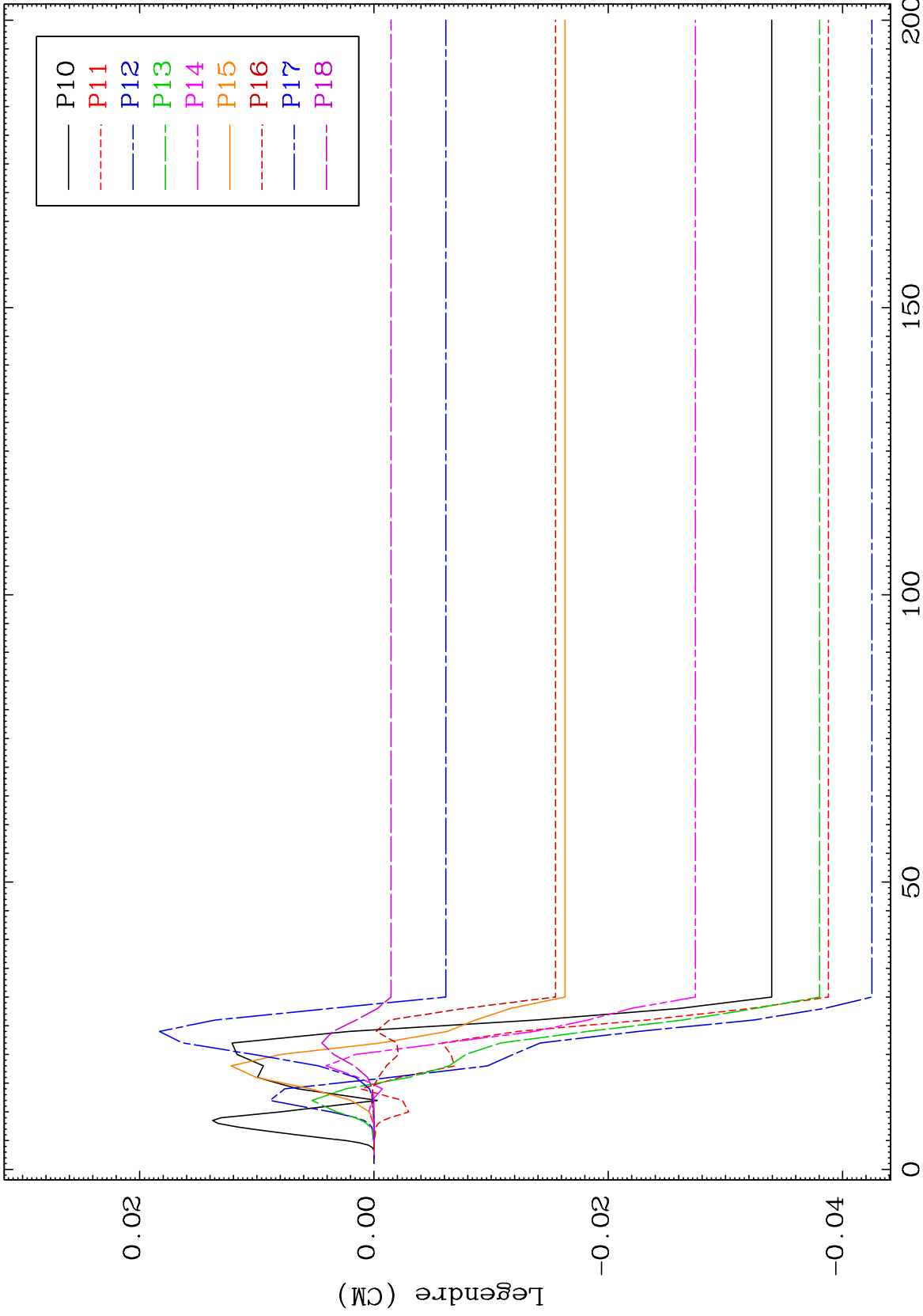
68-Er-165



MAT 6834

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

68-Er-165



56

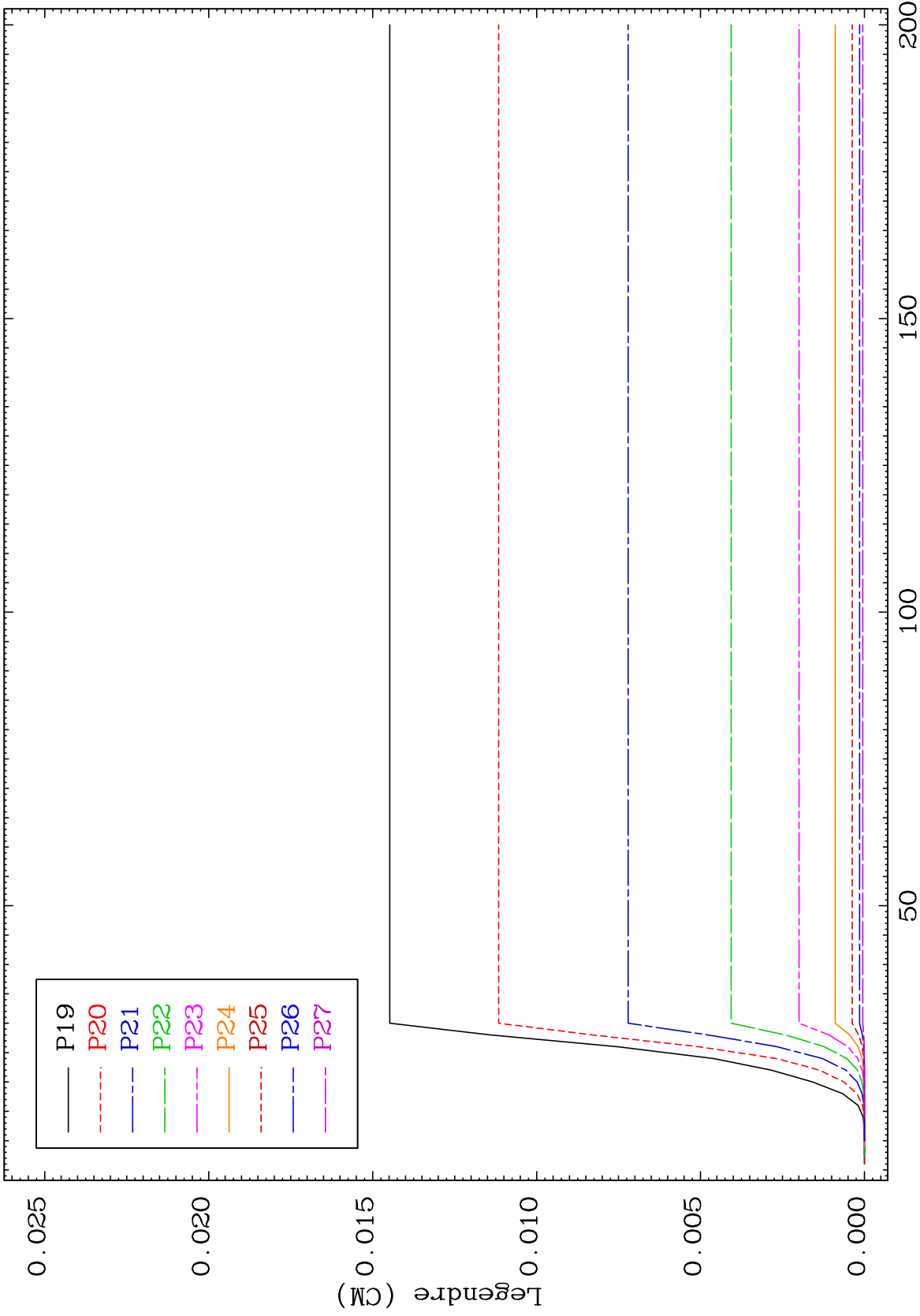
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



57

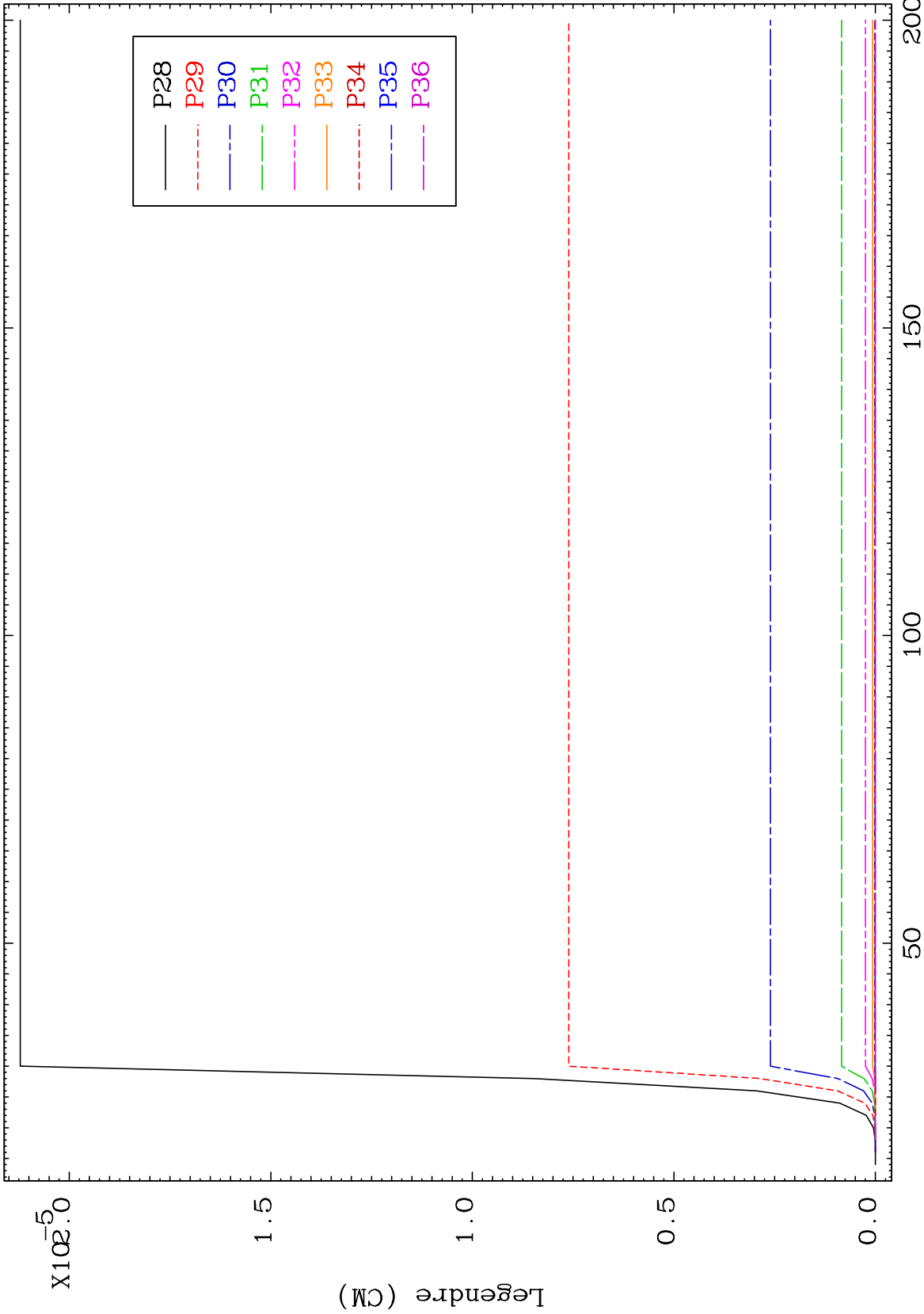
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



58

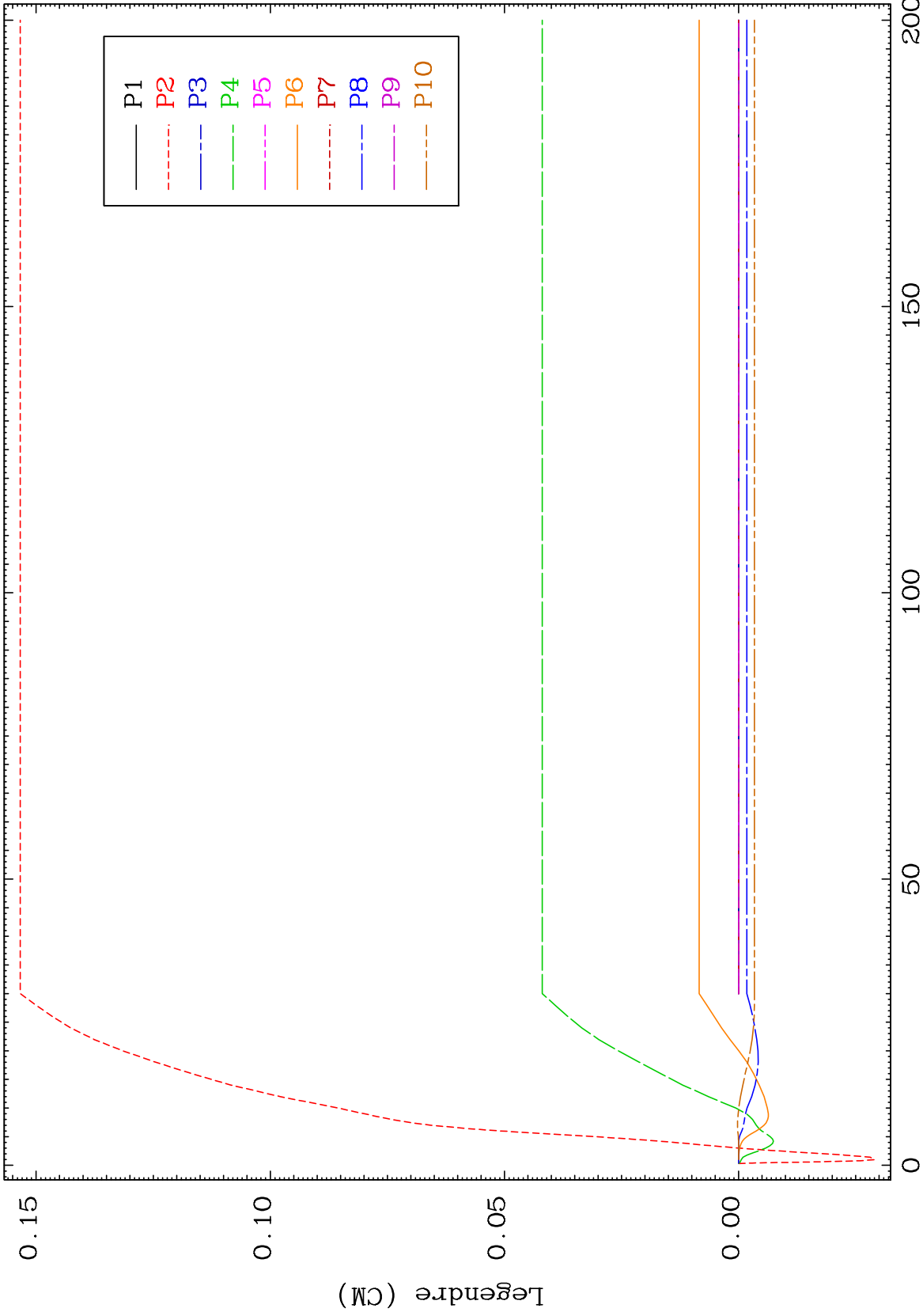
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



59

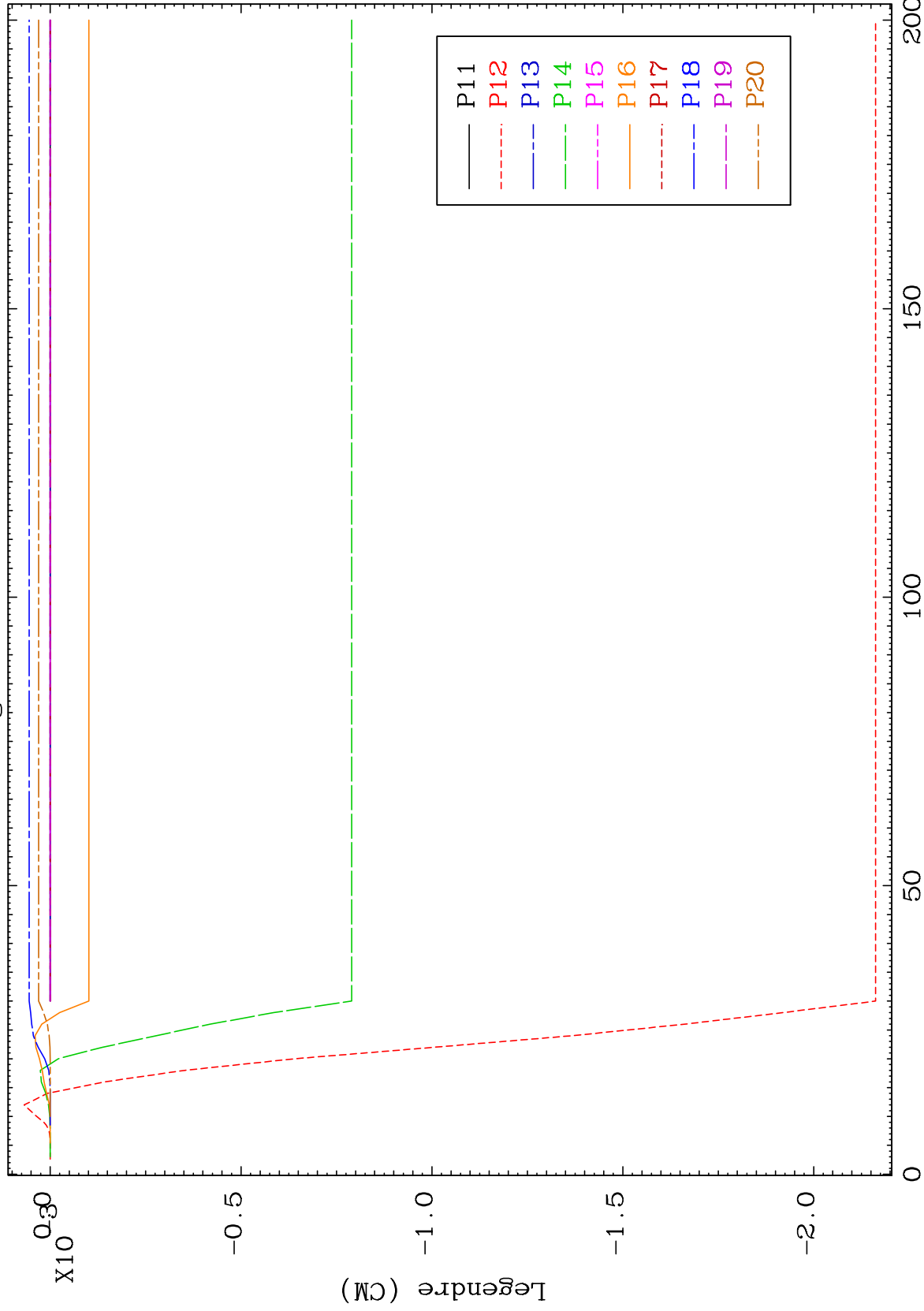
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



60

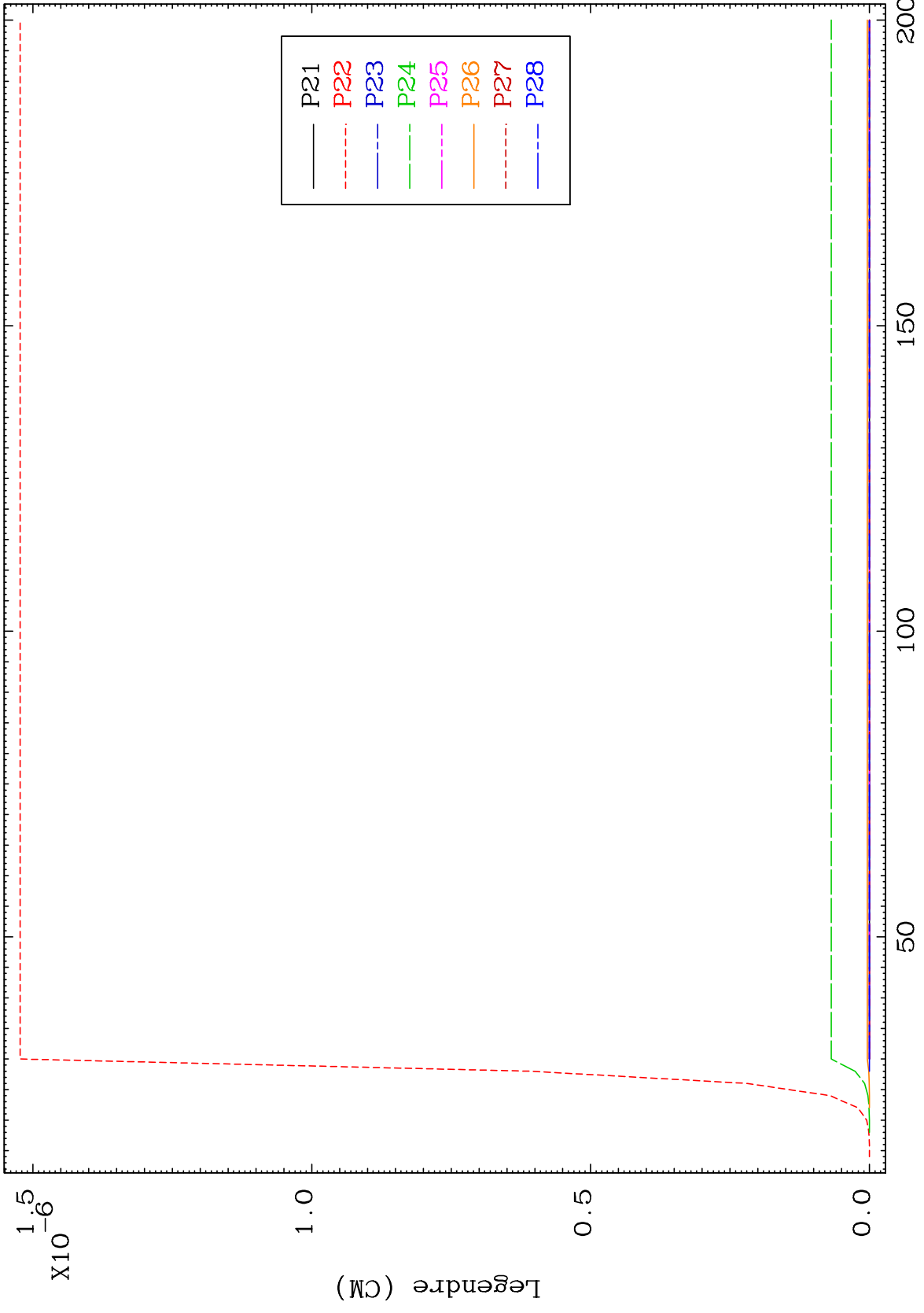
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



61

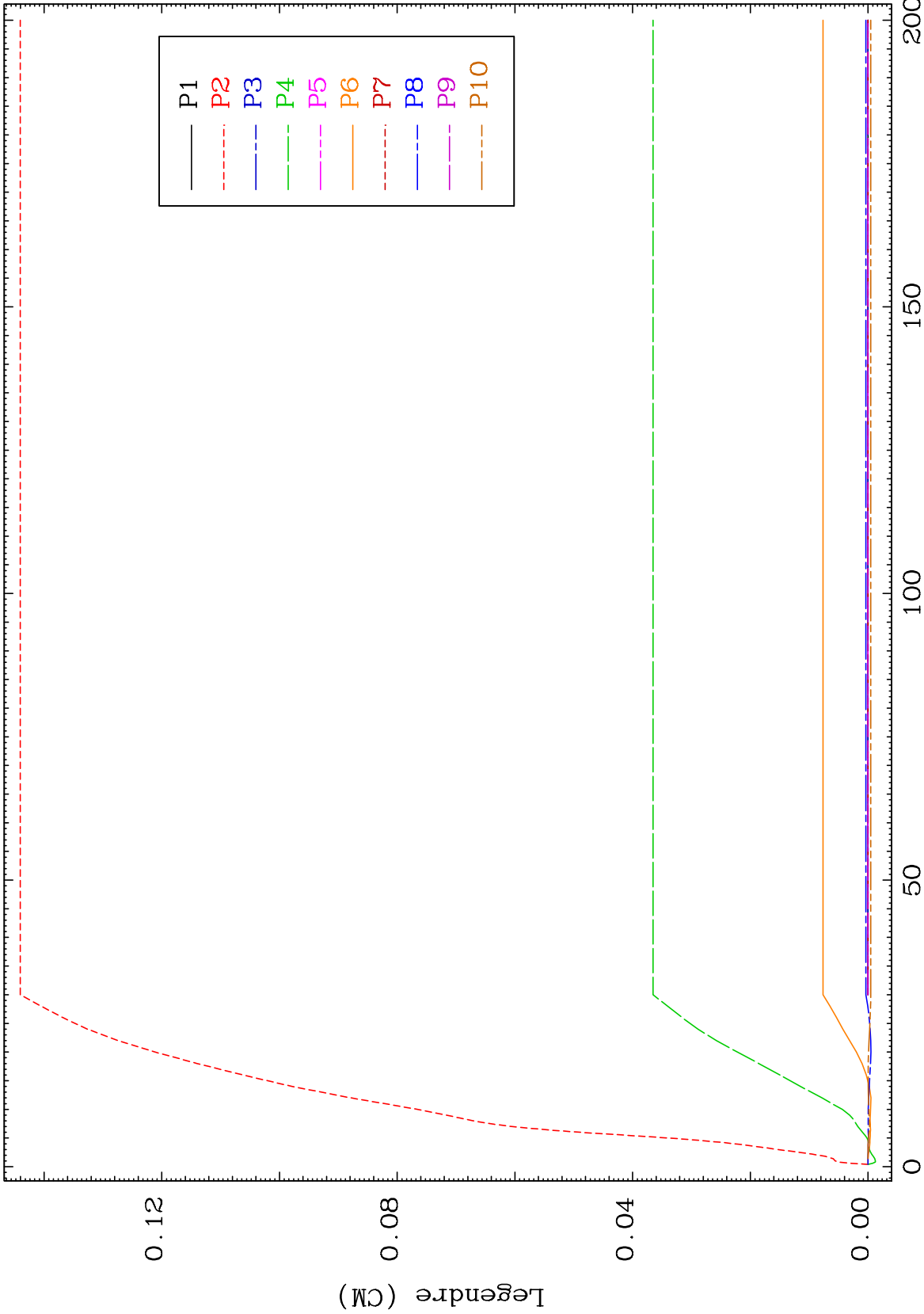
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



62

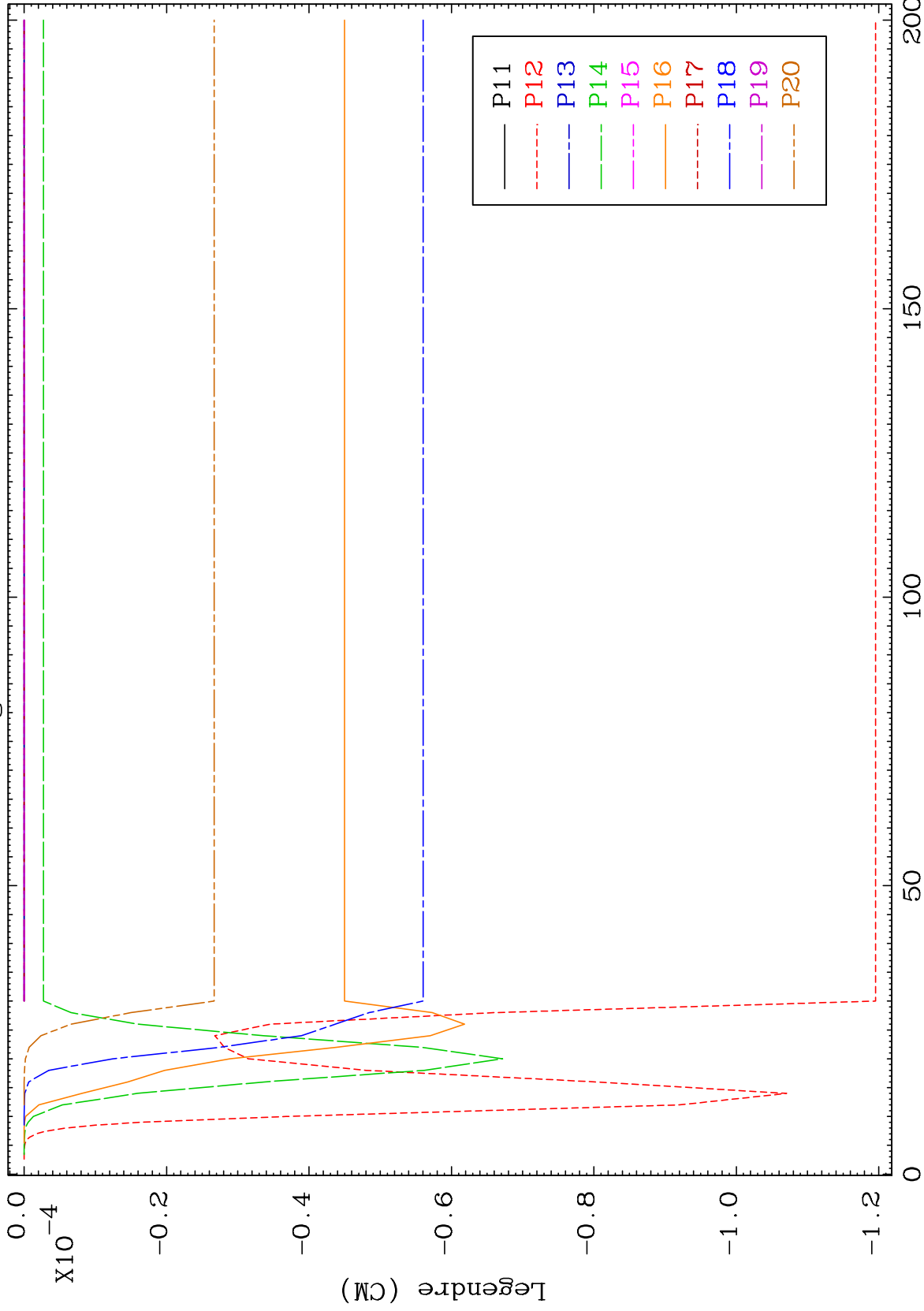
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



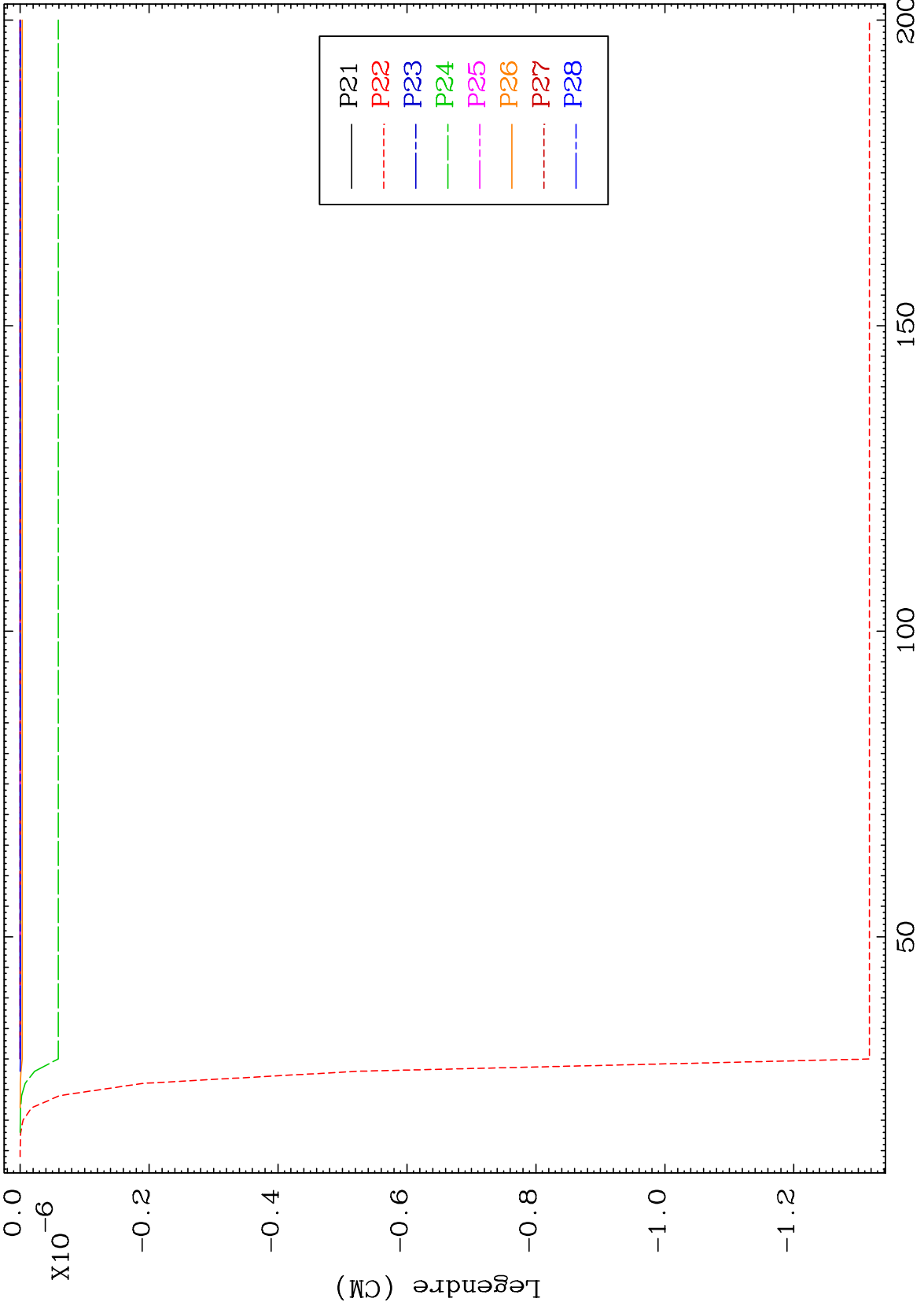
63

Incident Energy (MeV)

68-Er-165



MAT 6834 MT= 62 (n,n') Level Legendre Coefficients 68-Er-165

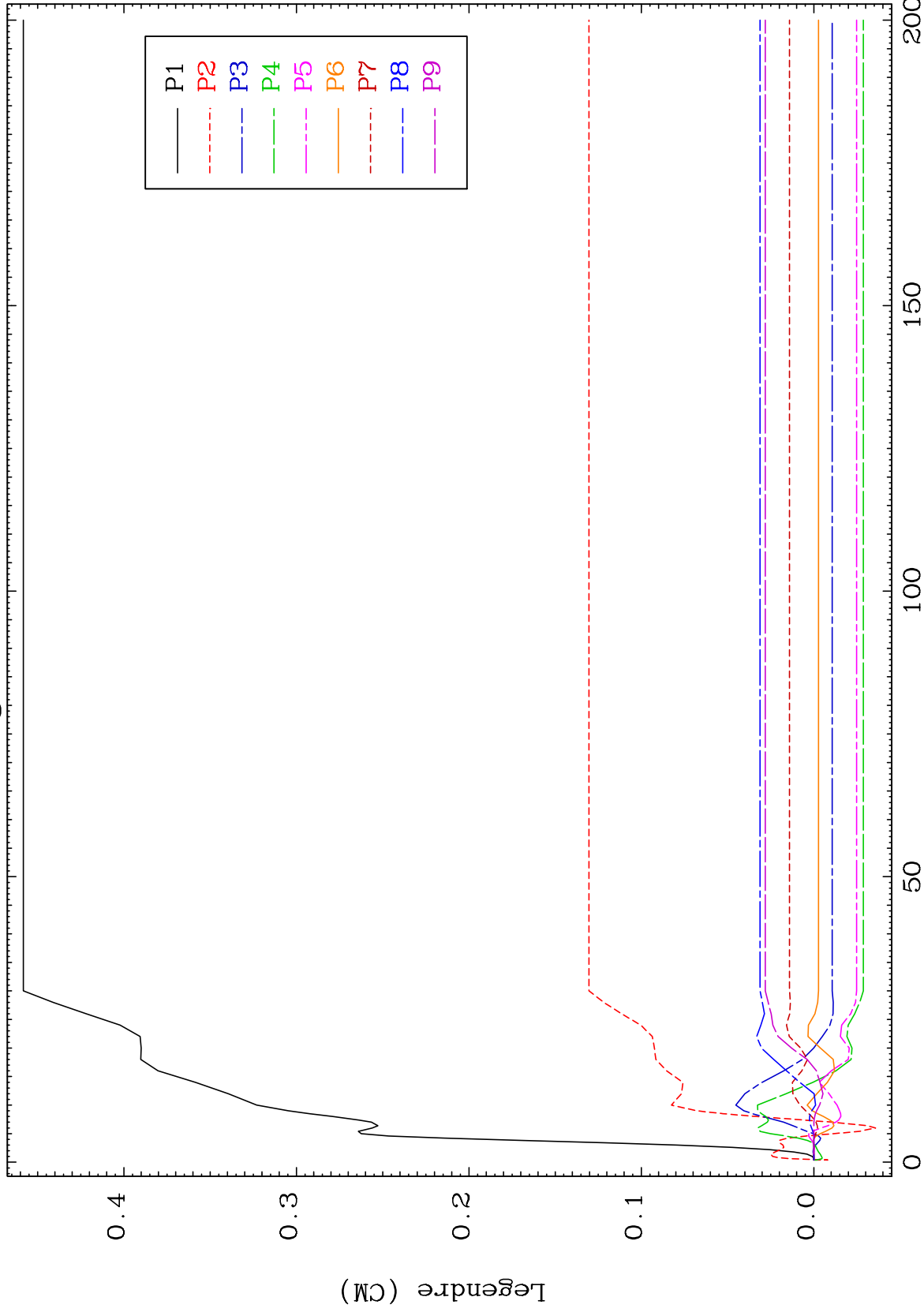


64 68-Er-165

MAT 6834

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

68-Er-165



65

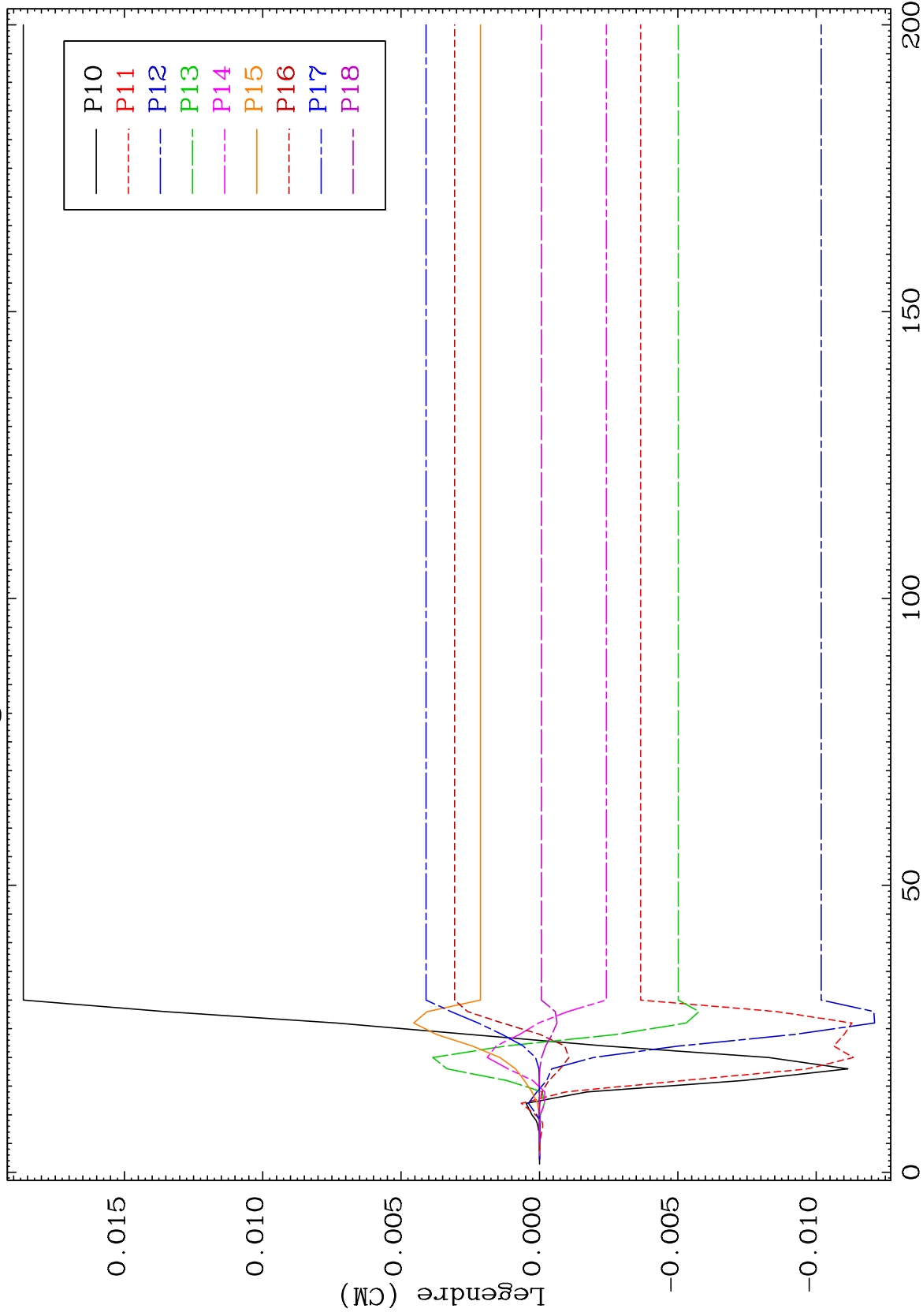
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



66

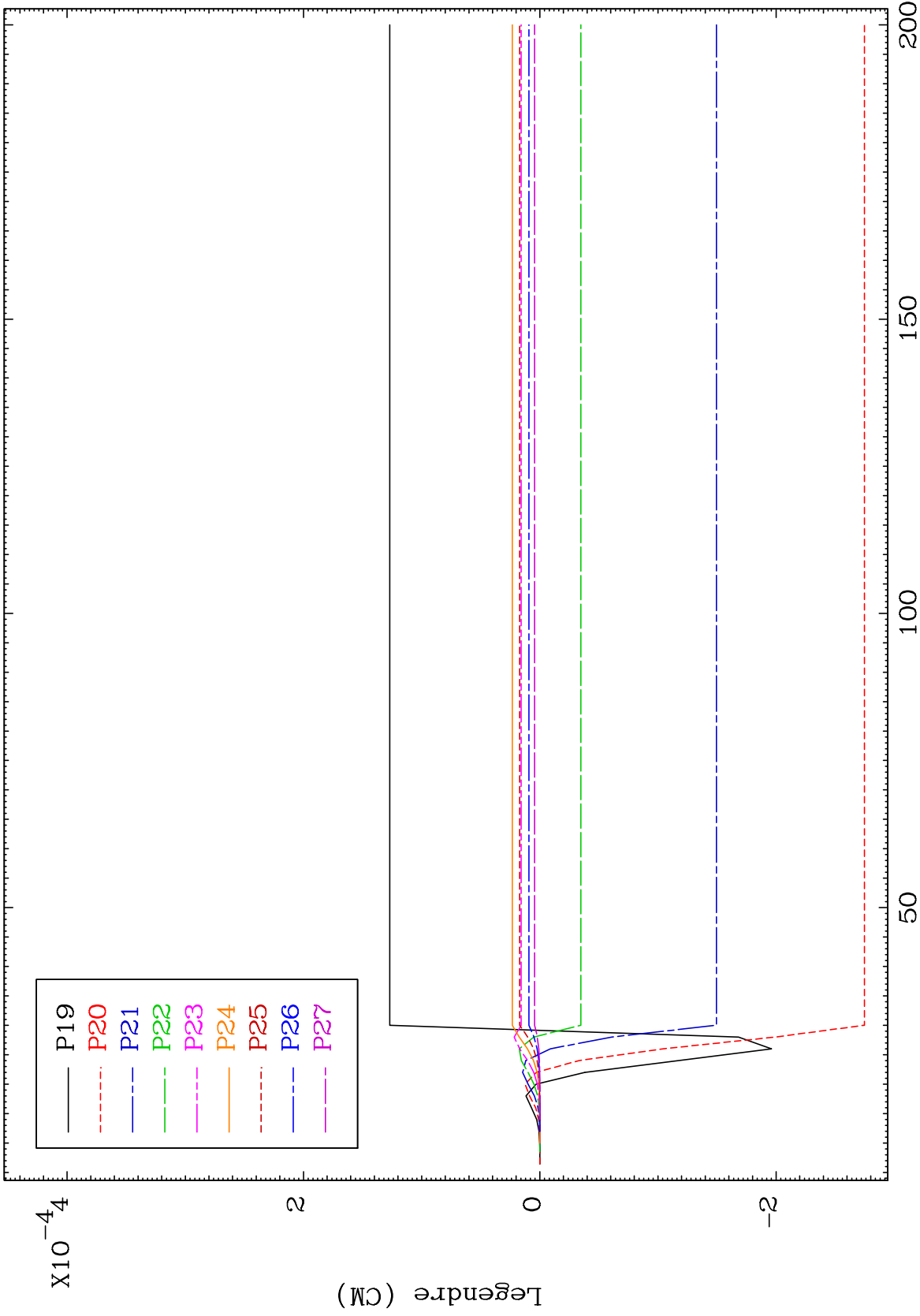
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



67

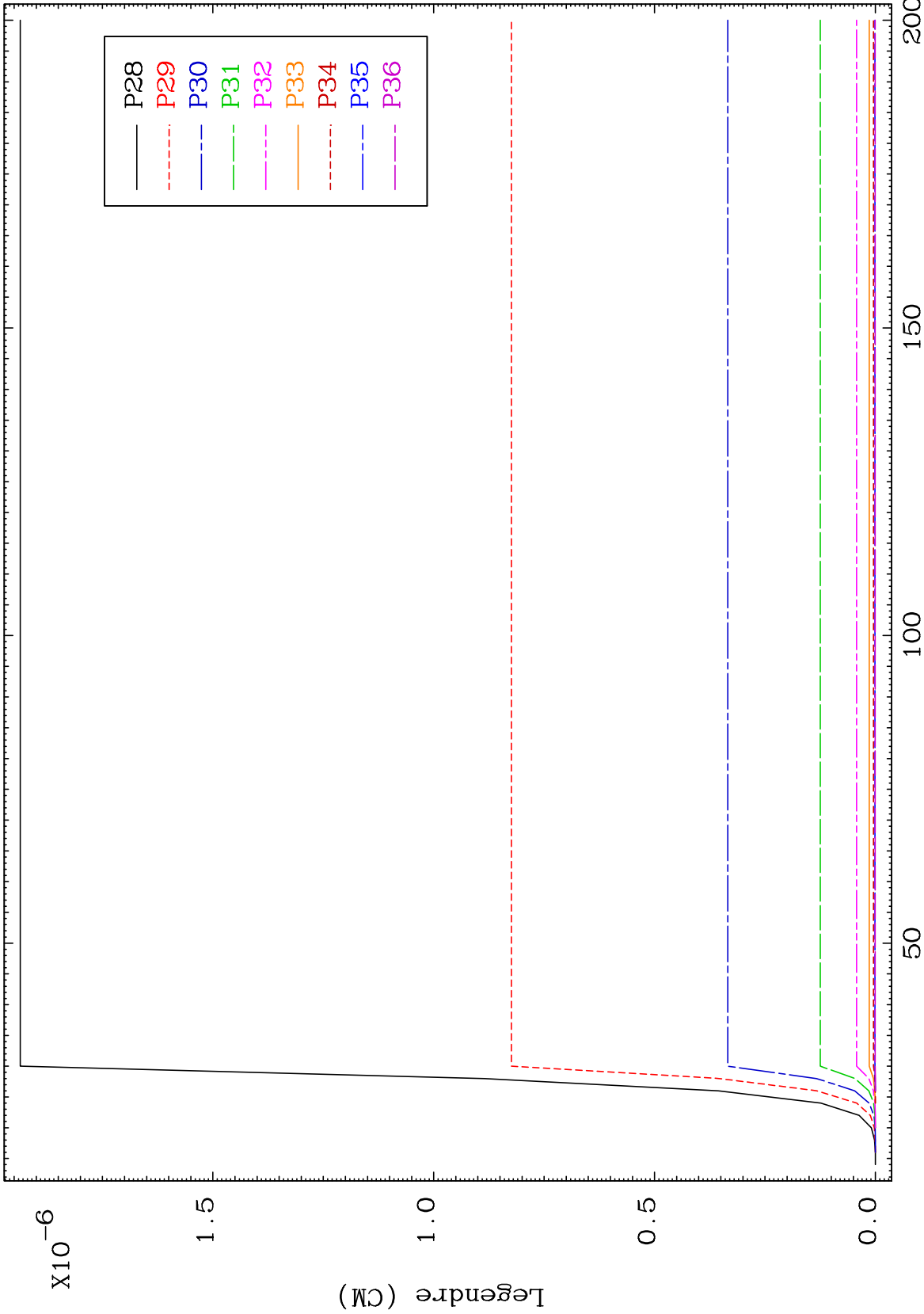
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68

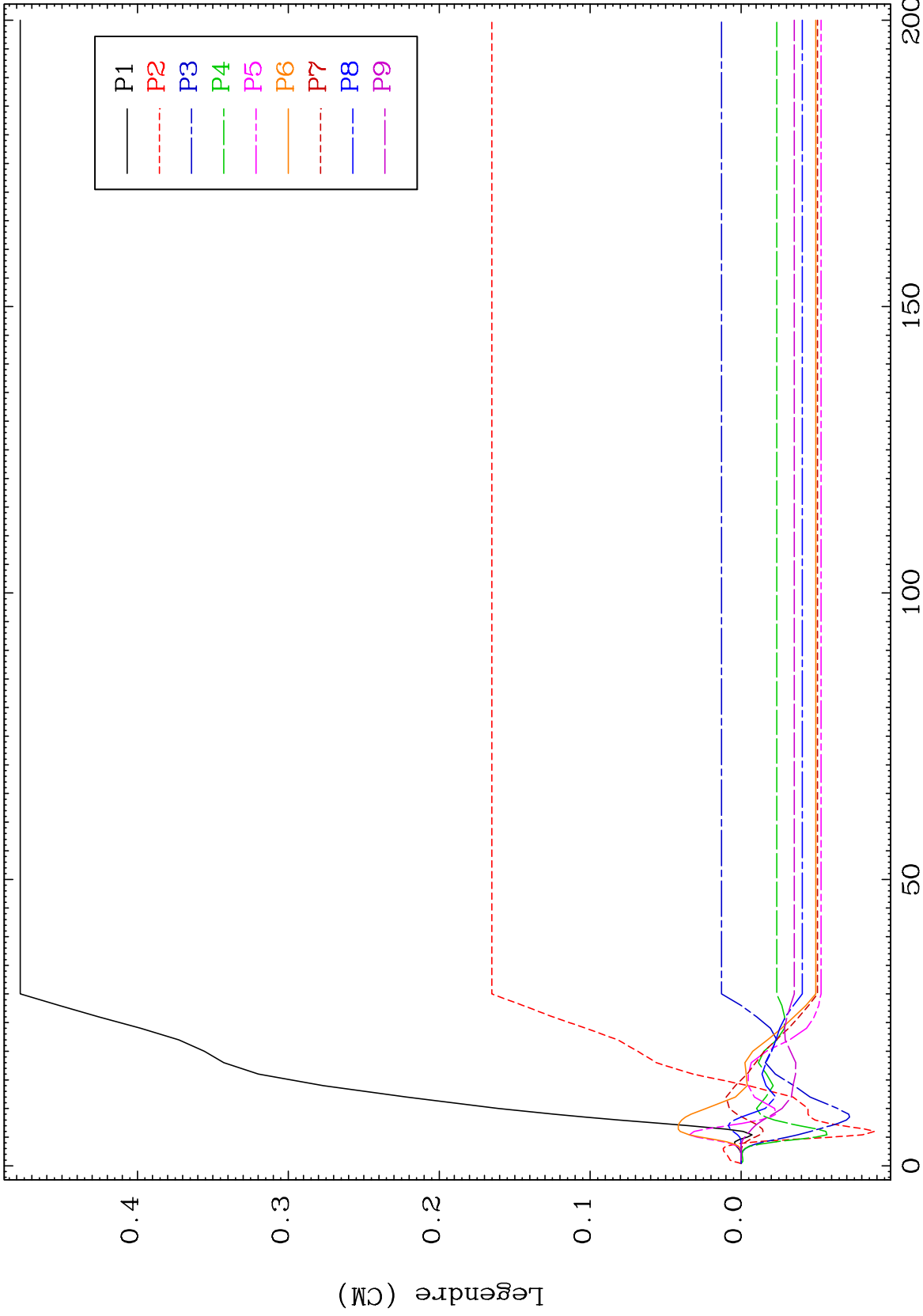
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



69

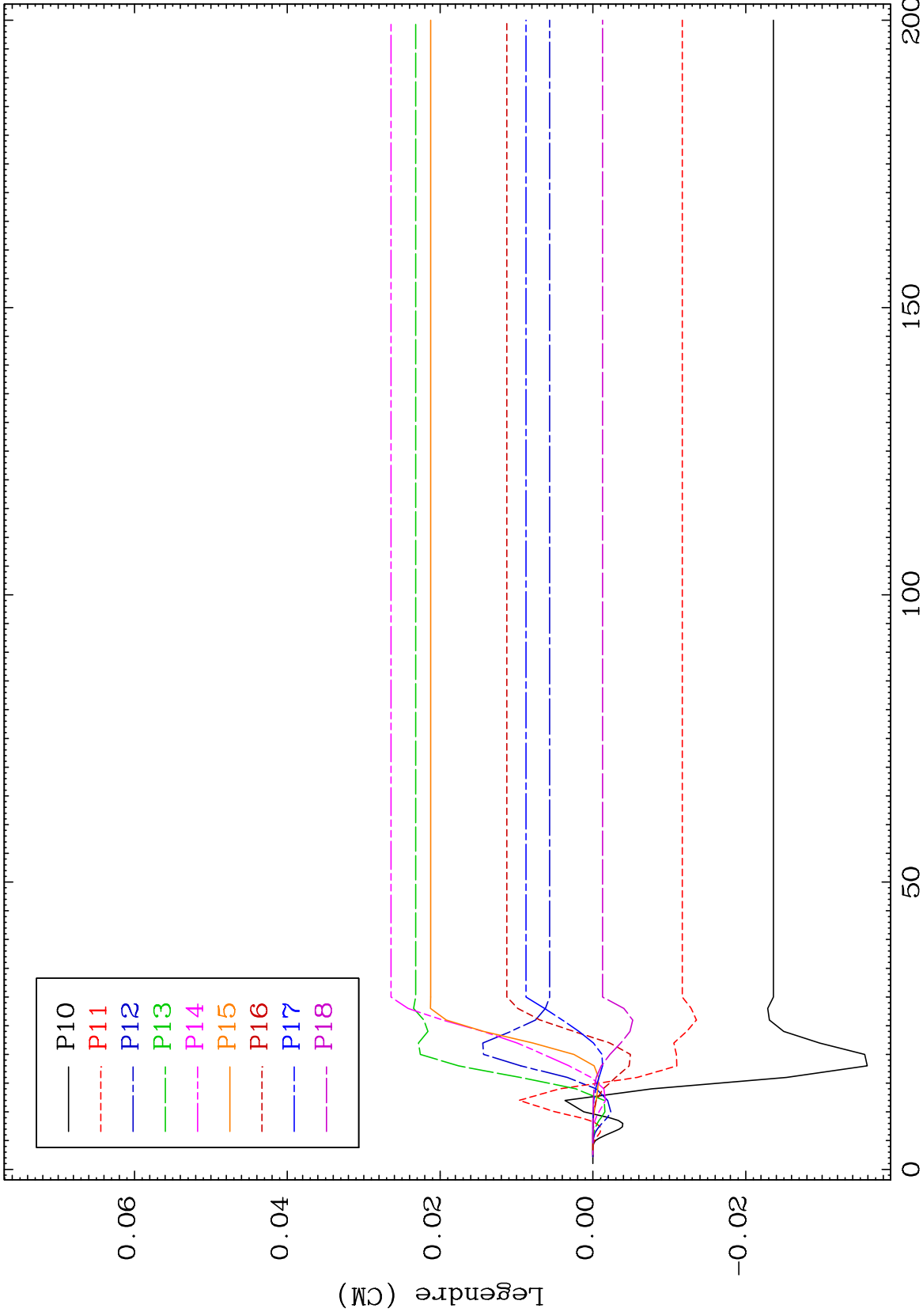
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



0

50

100

150

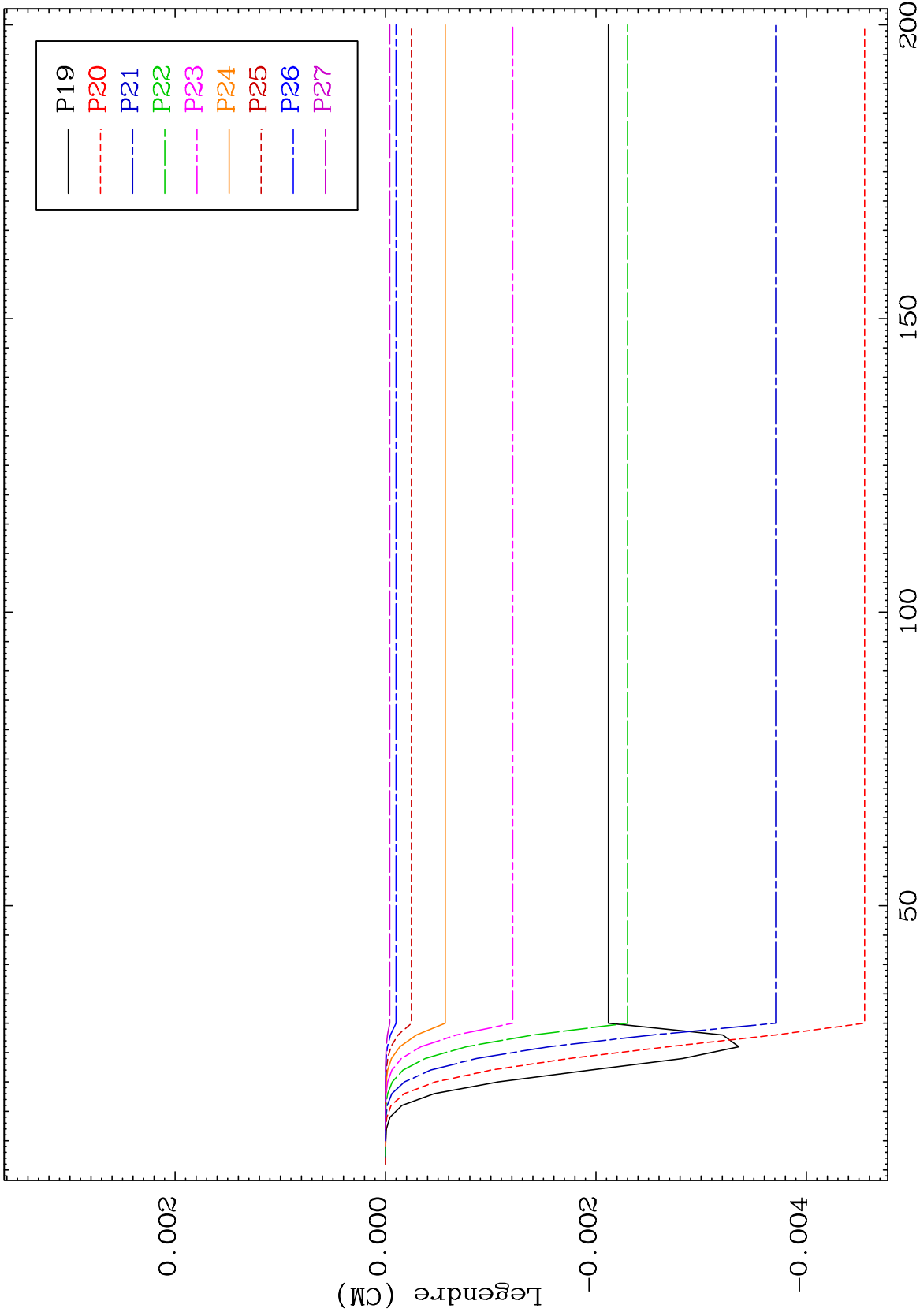
200

68-Er-165

MAT 6834

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

68-Er-165



71

Incident Energy (MeV)

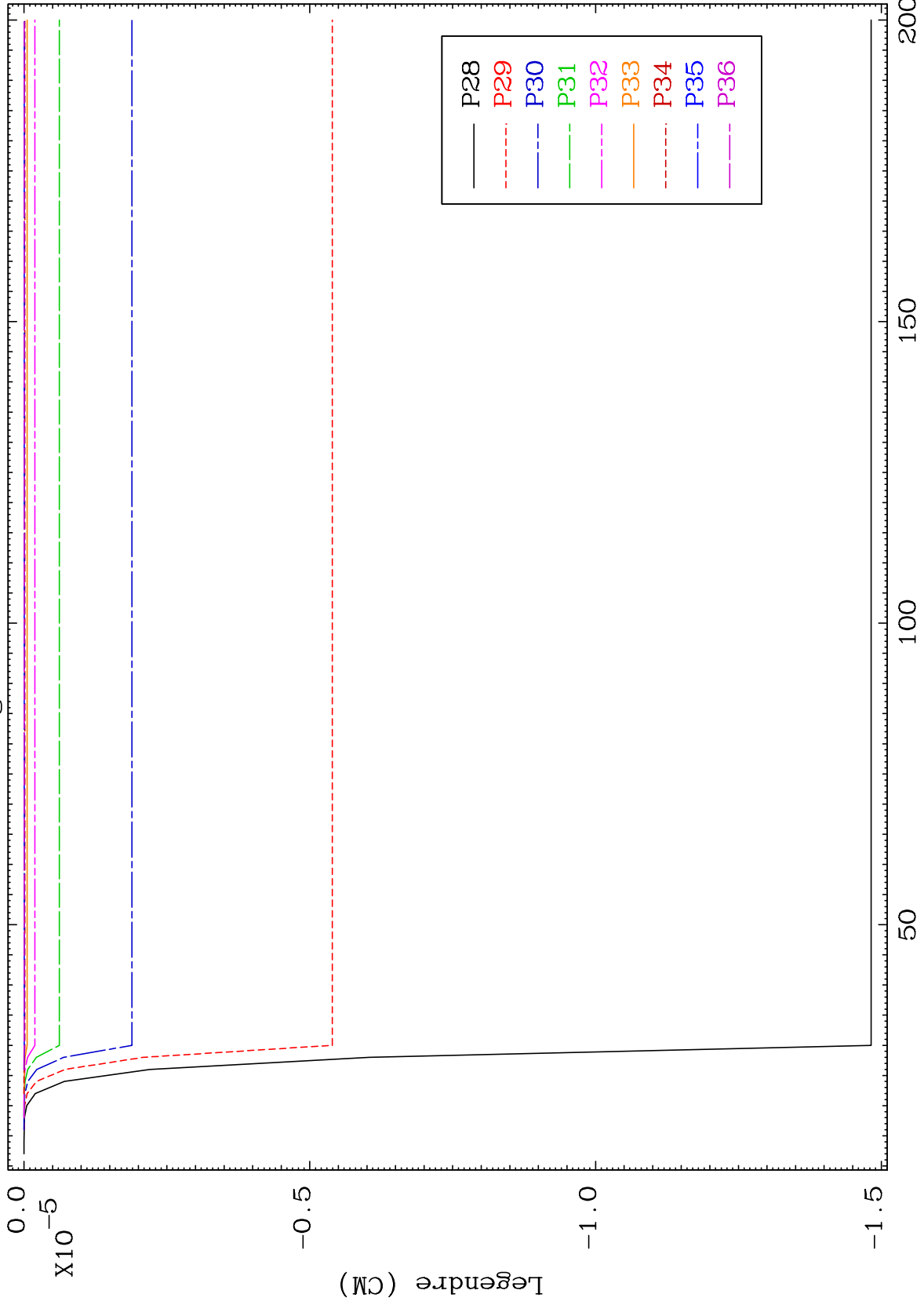
68-Er-165



MAT 6834

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

68-Er-165



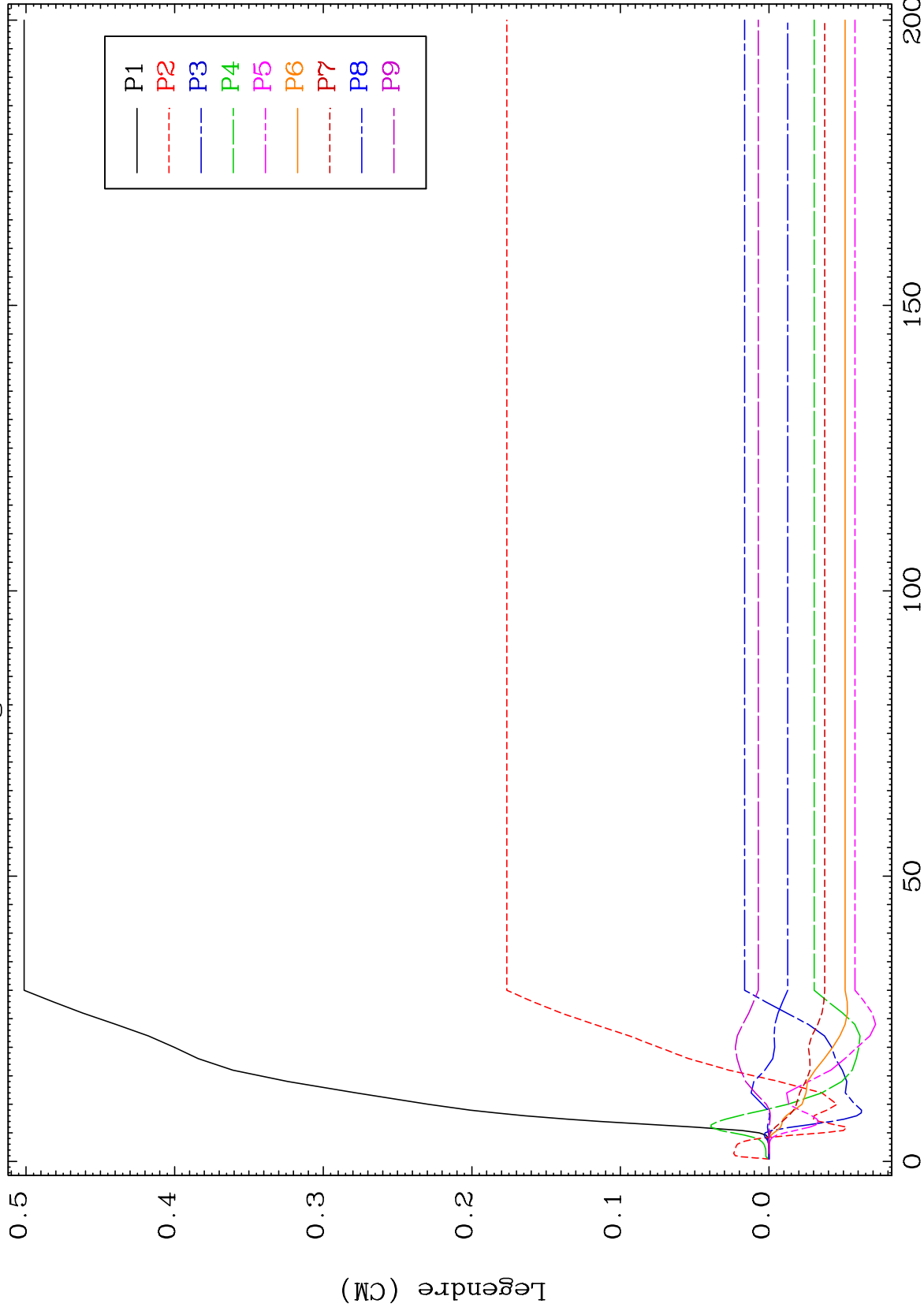
72

68-Er-165

MAT 6834

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

68-Er-165



73

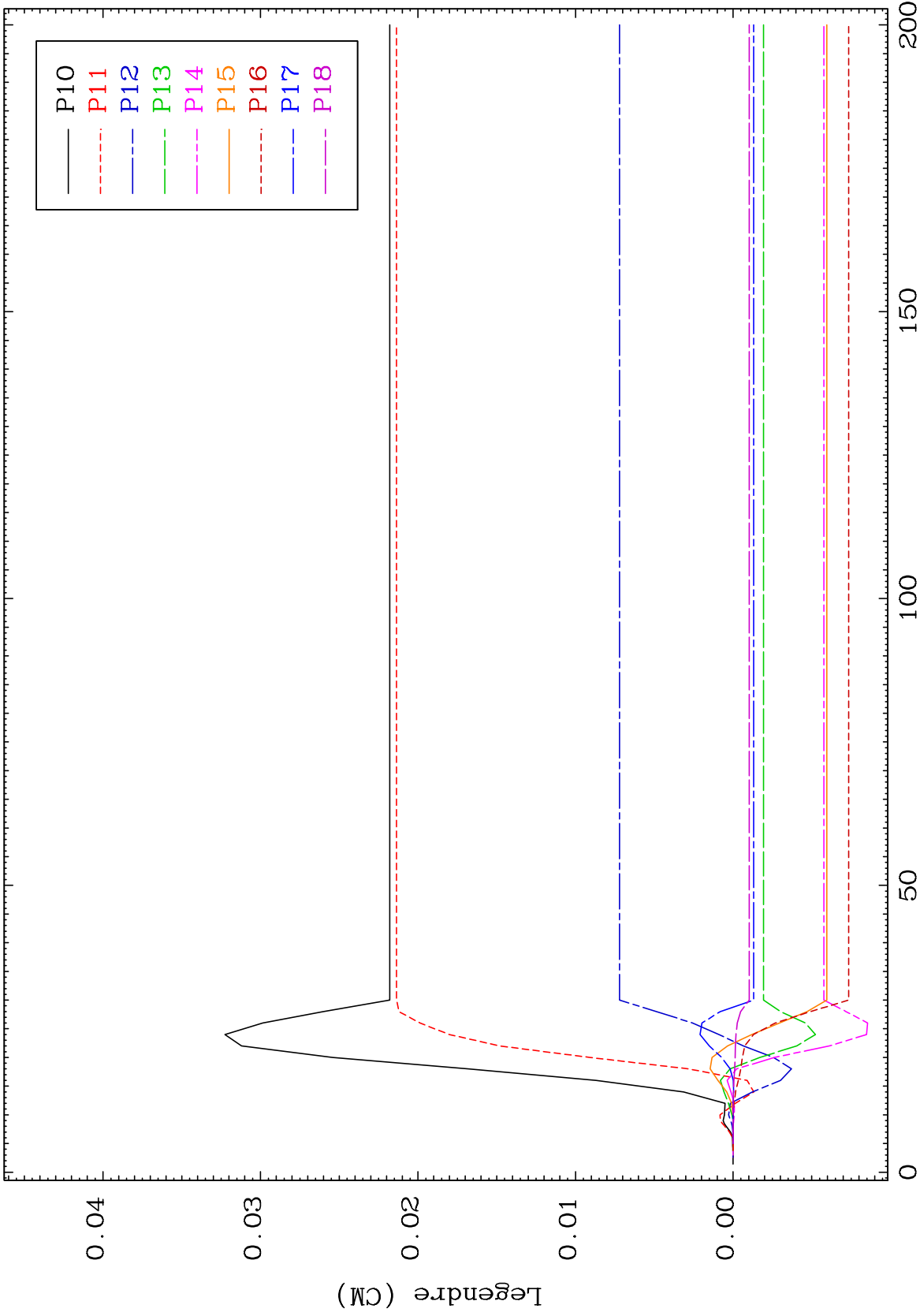
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



74

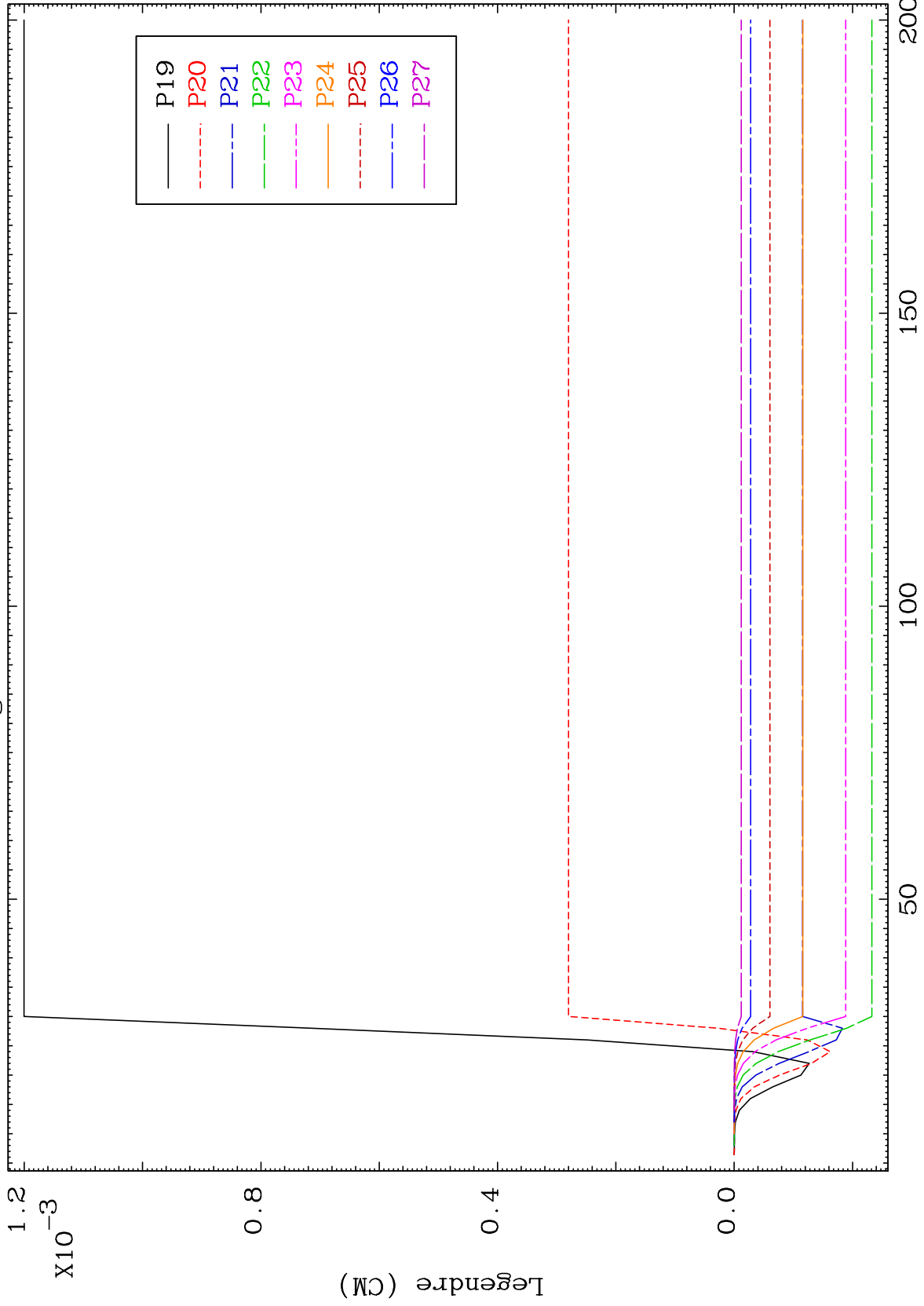
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



75

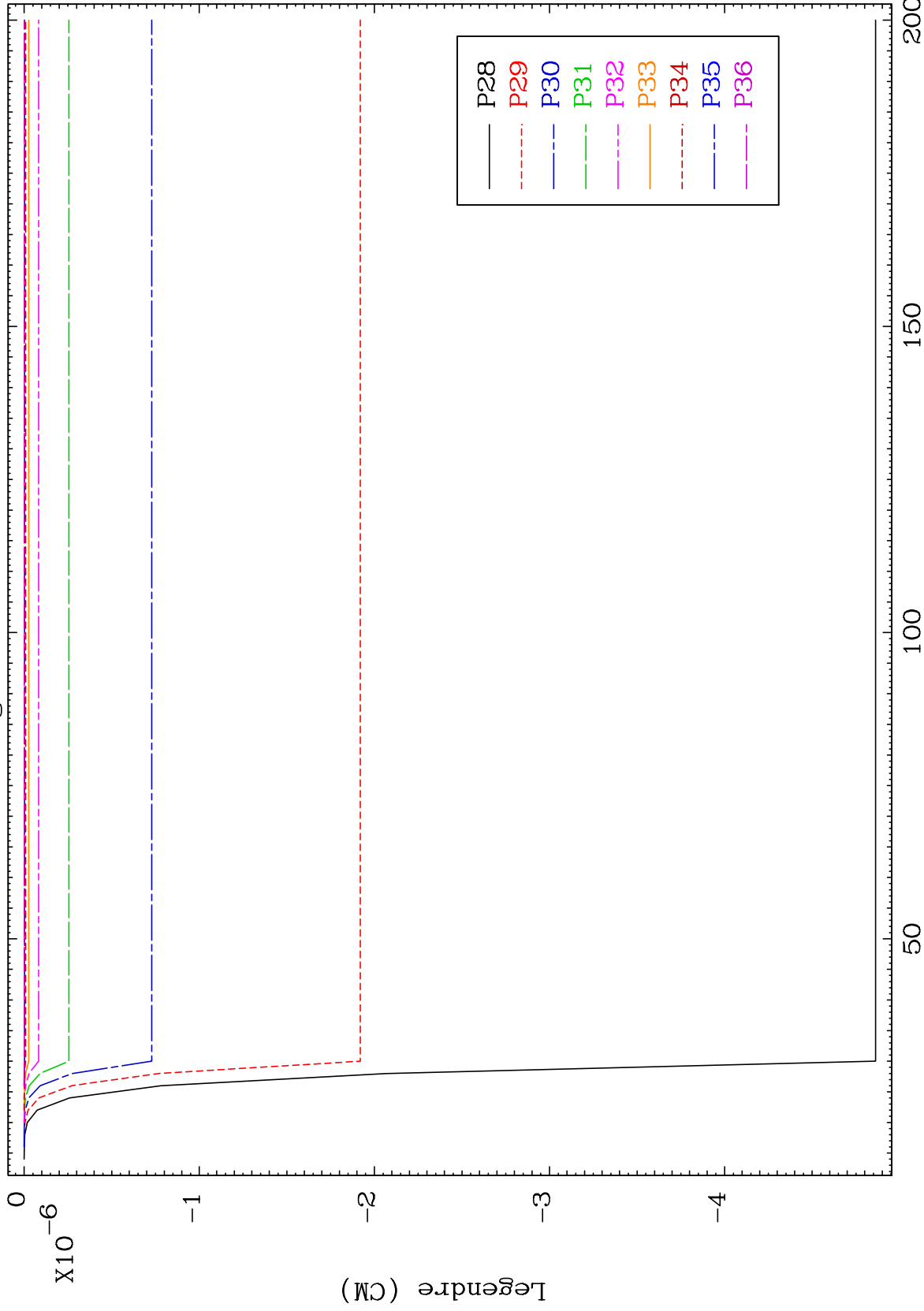
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

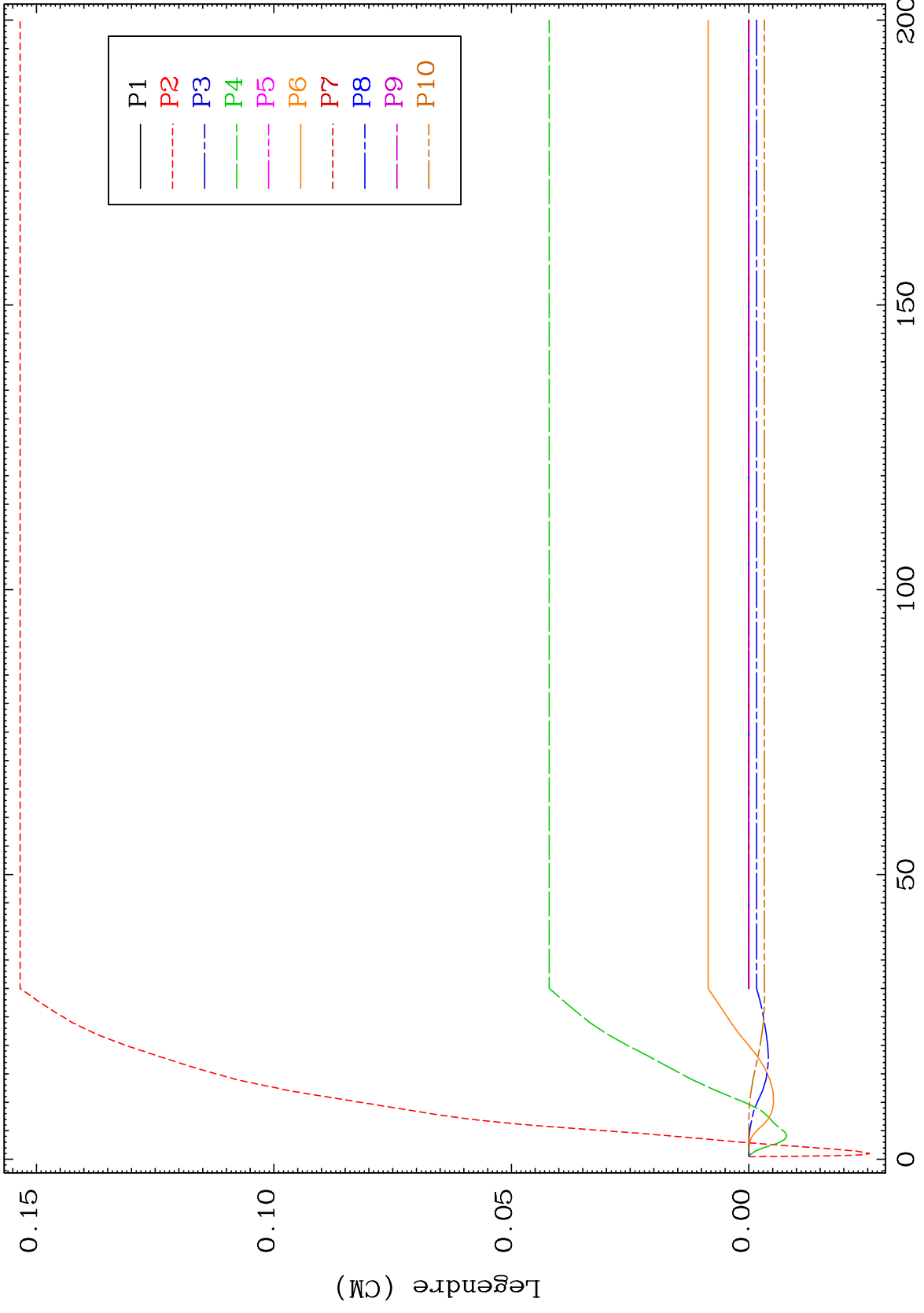
Incident Energy (MeV)

76

MAT 6834

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

68-Er-165



77

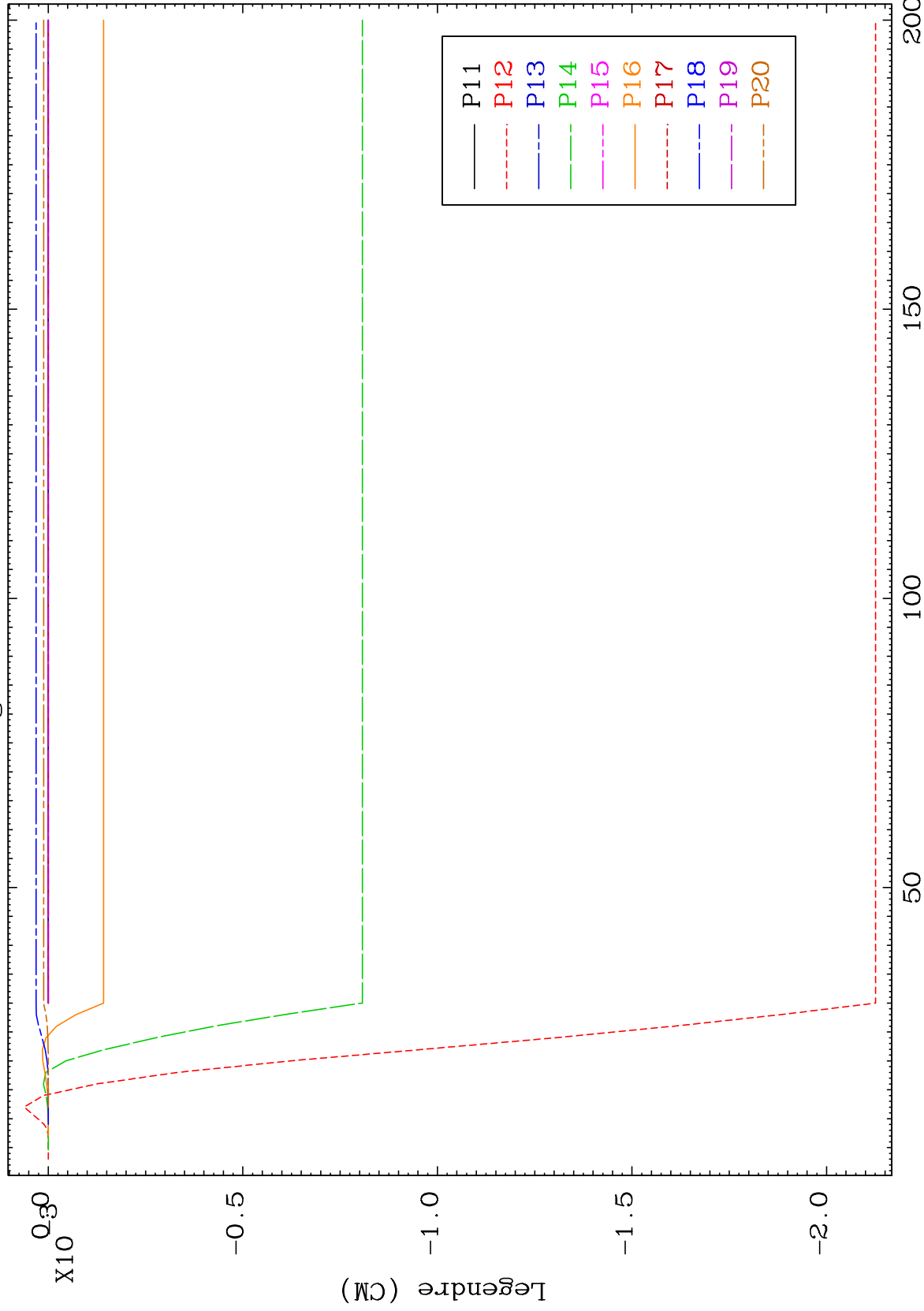
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



78

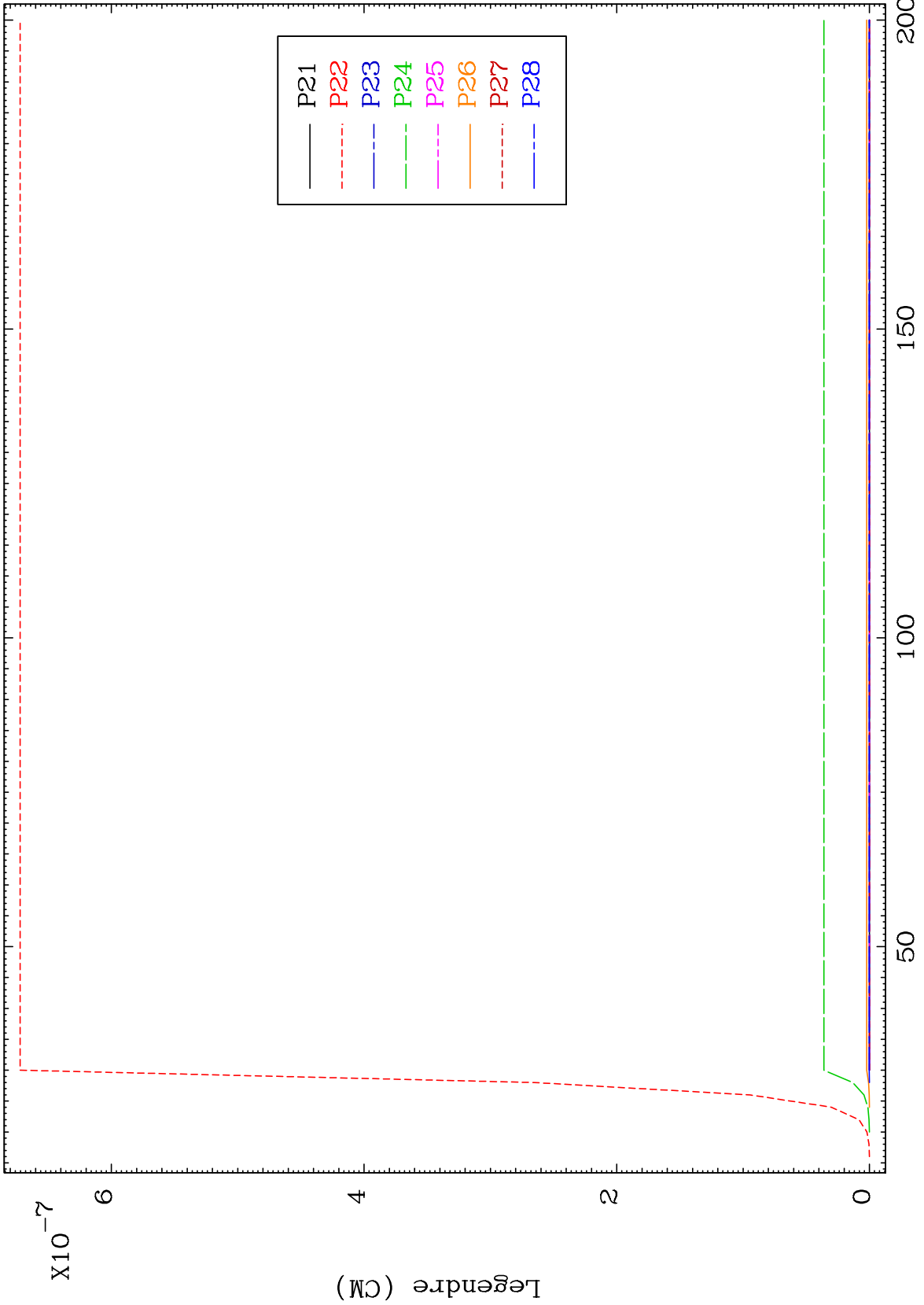
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



79

Incident Energy (MeV)

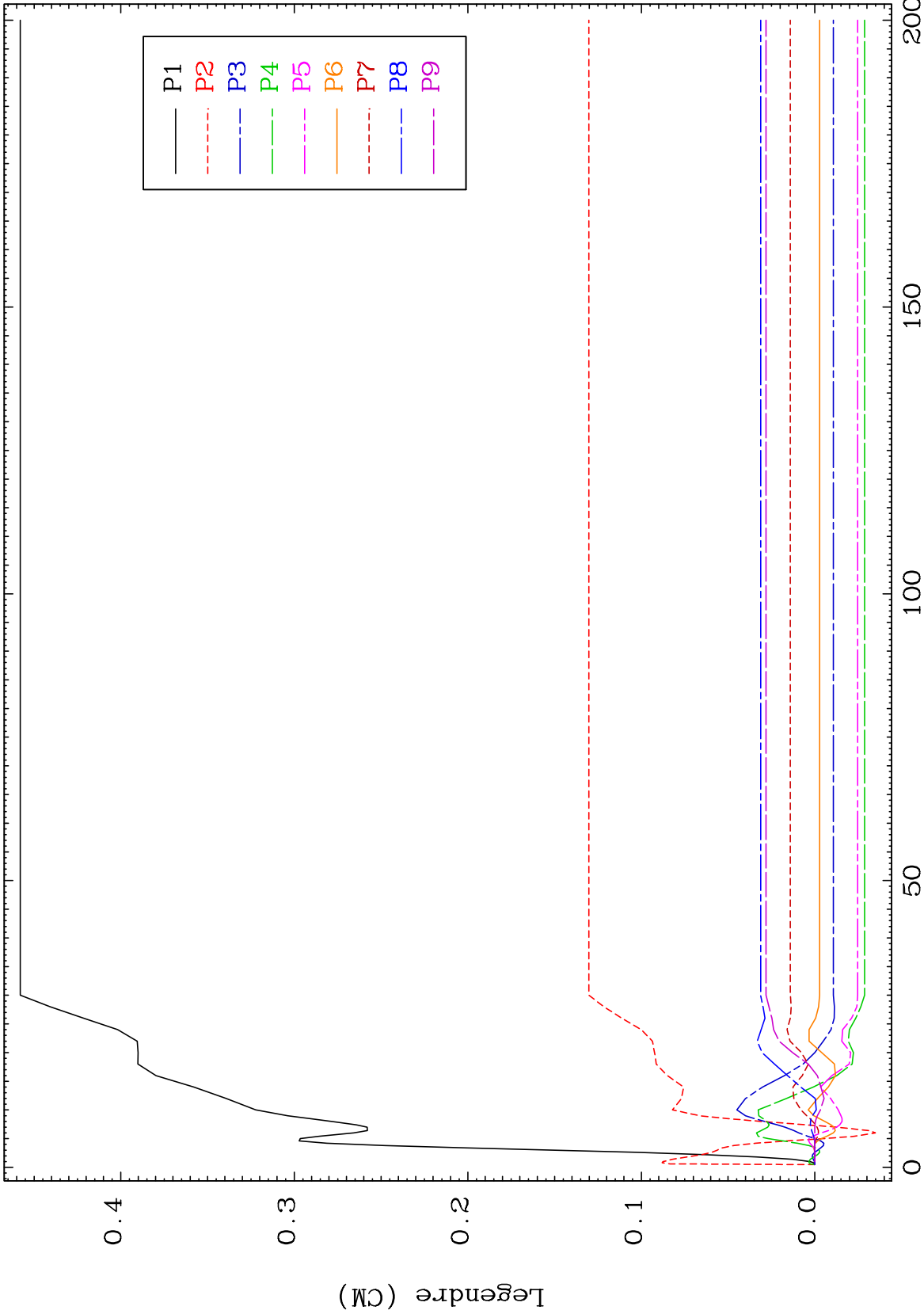
68-Er-165



MAT 6834

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

68-Er-165



80

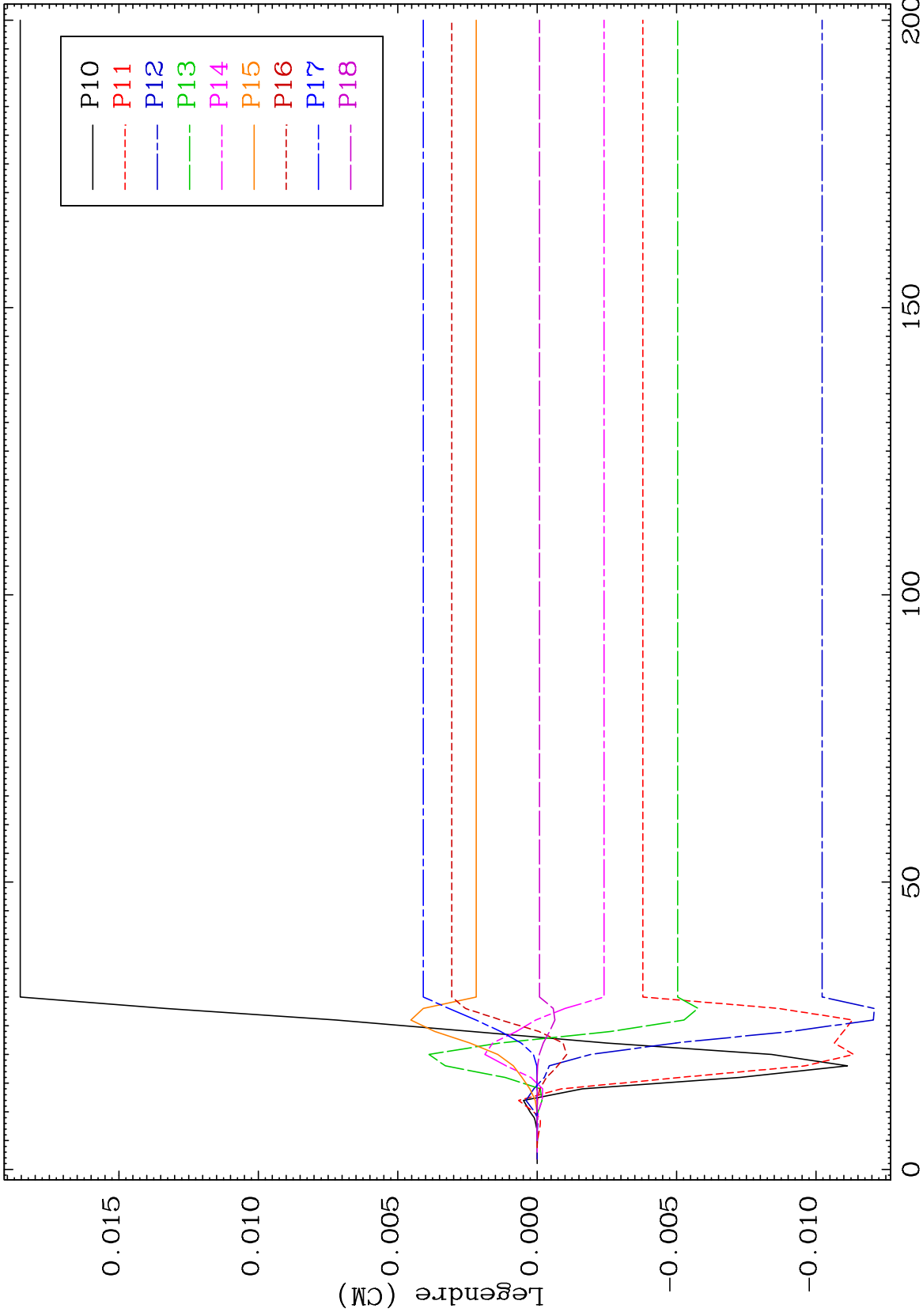
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



81

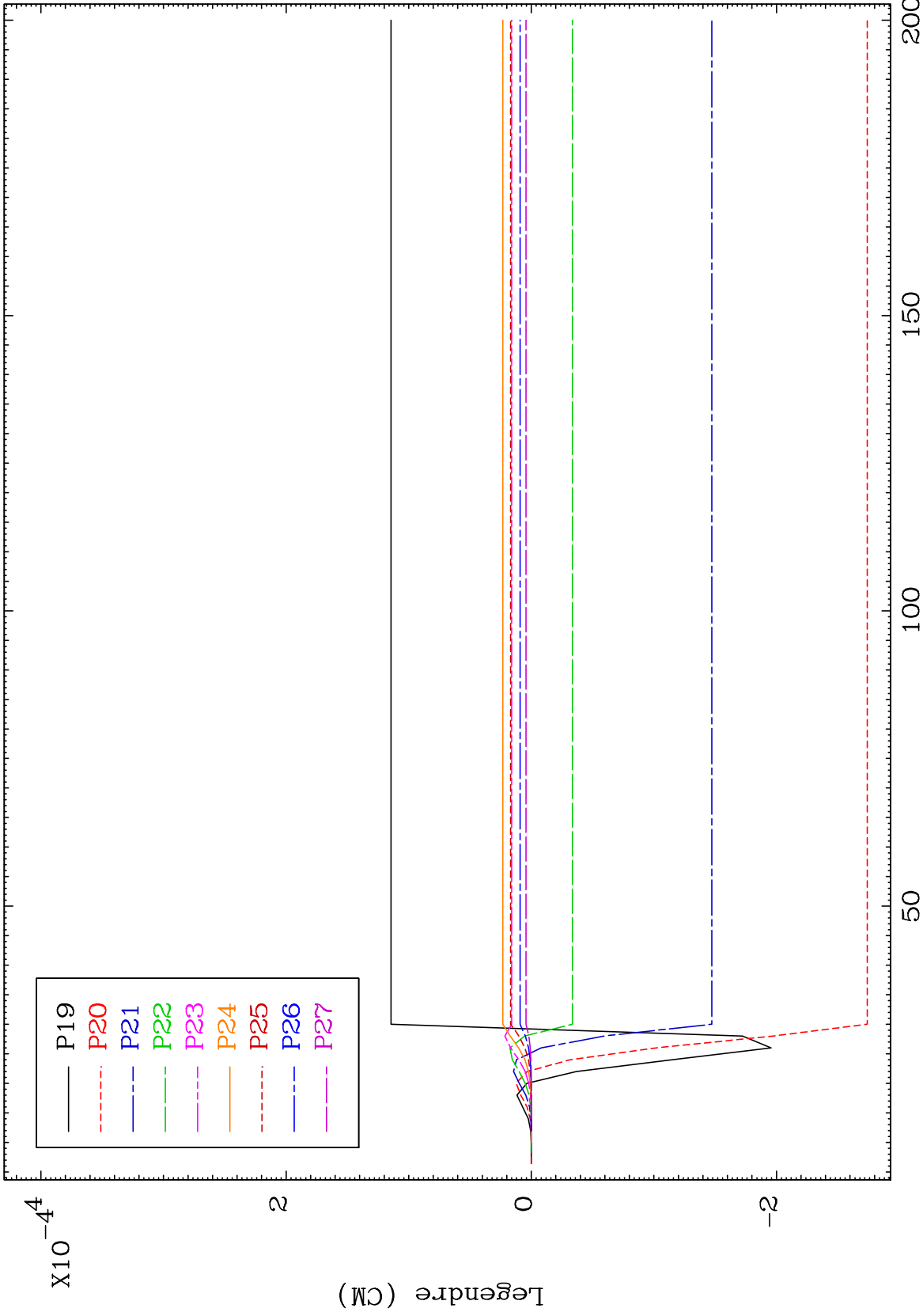
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



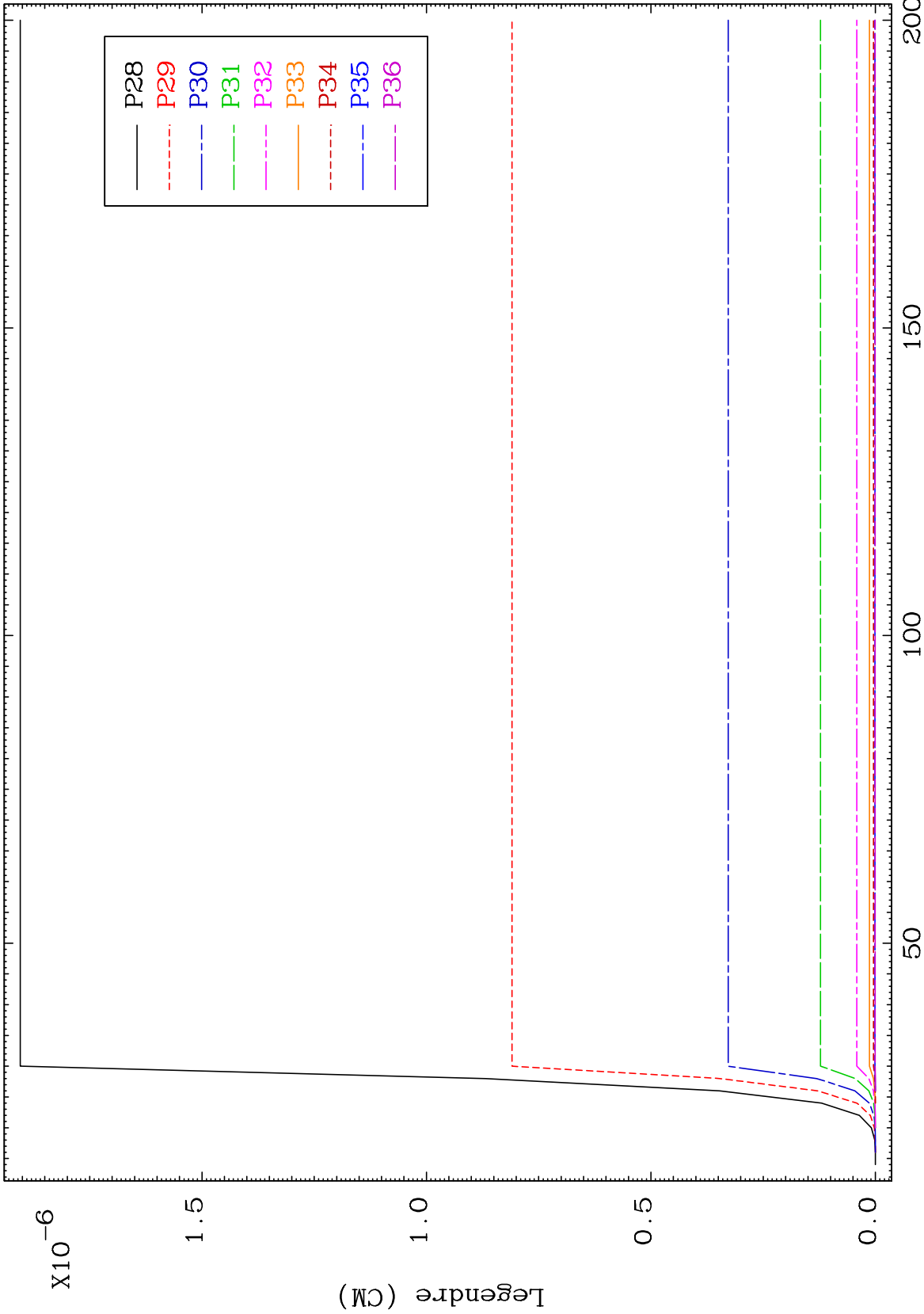
82

68-Er-165

MAT 6834

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

68-Er-165



83

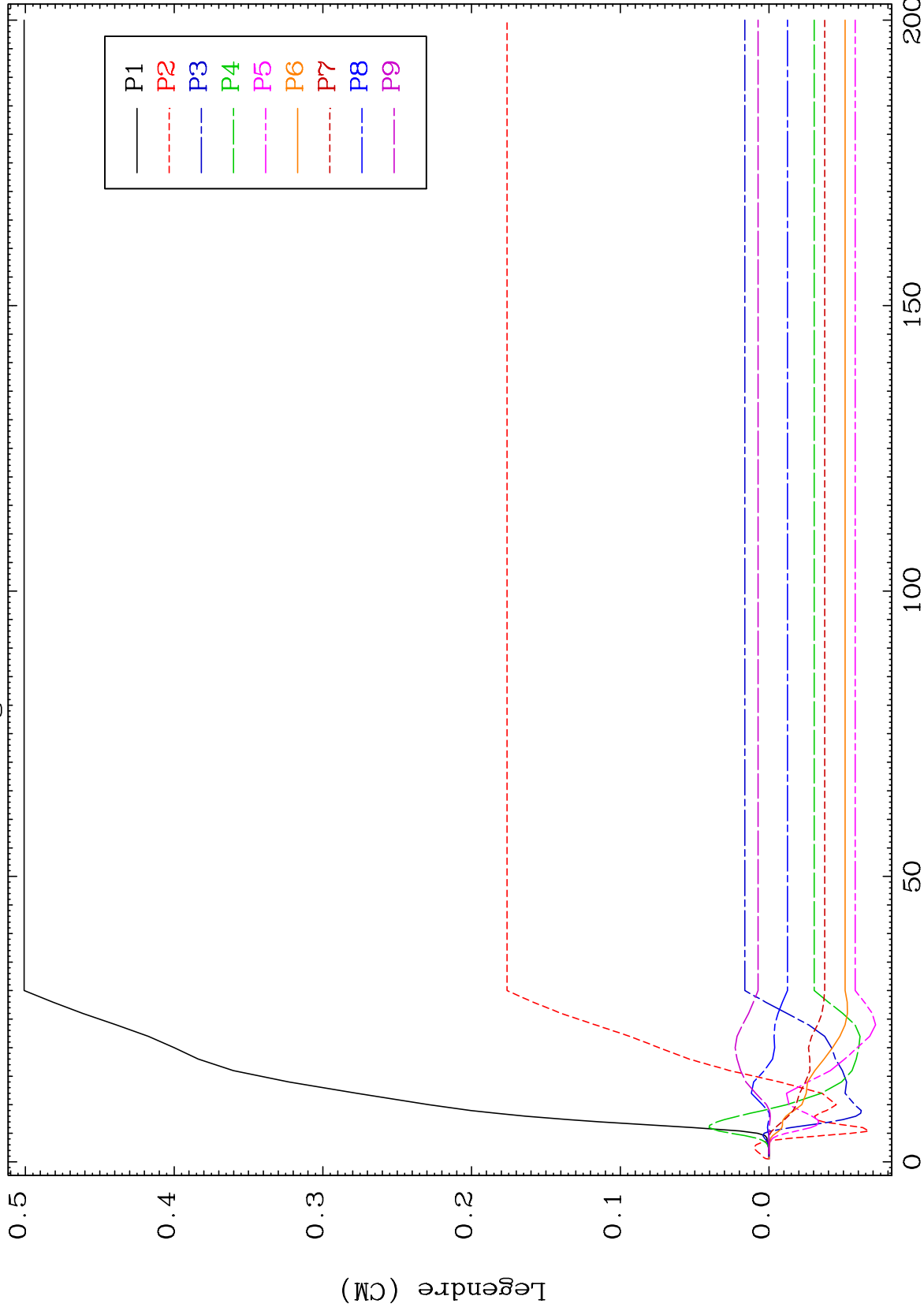
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



84

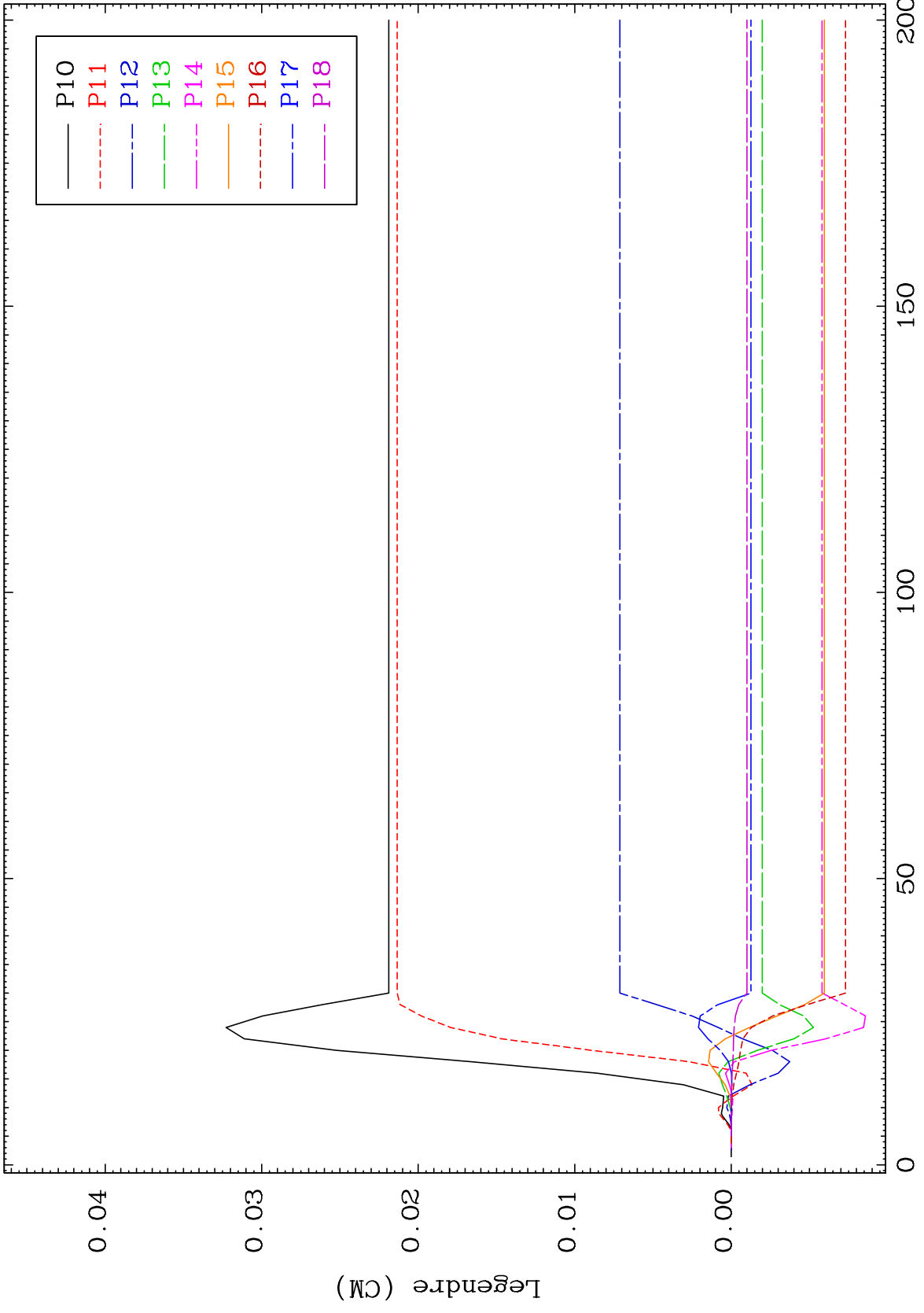
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



85

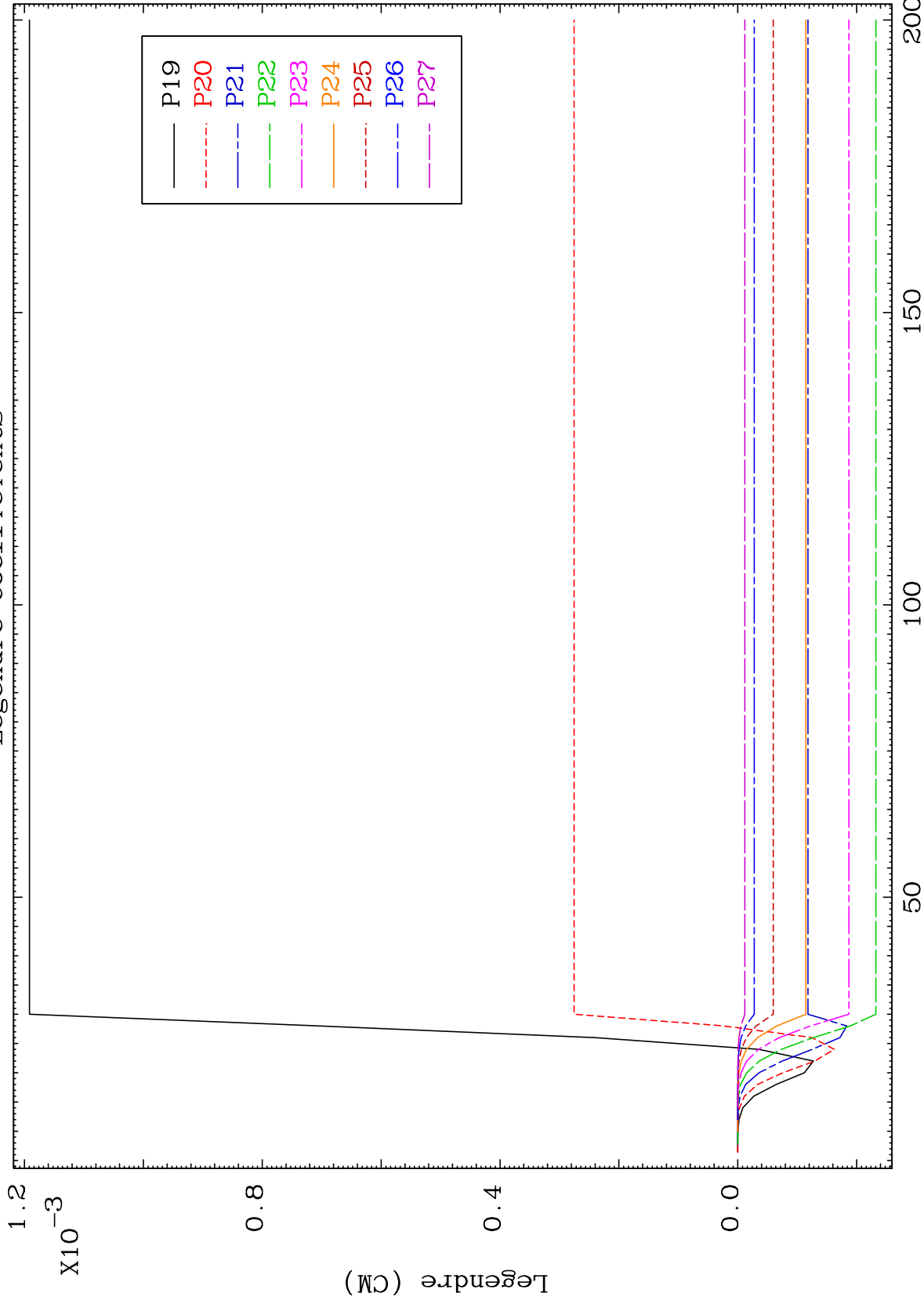
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



86

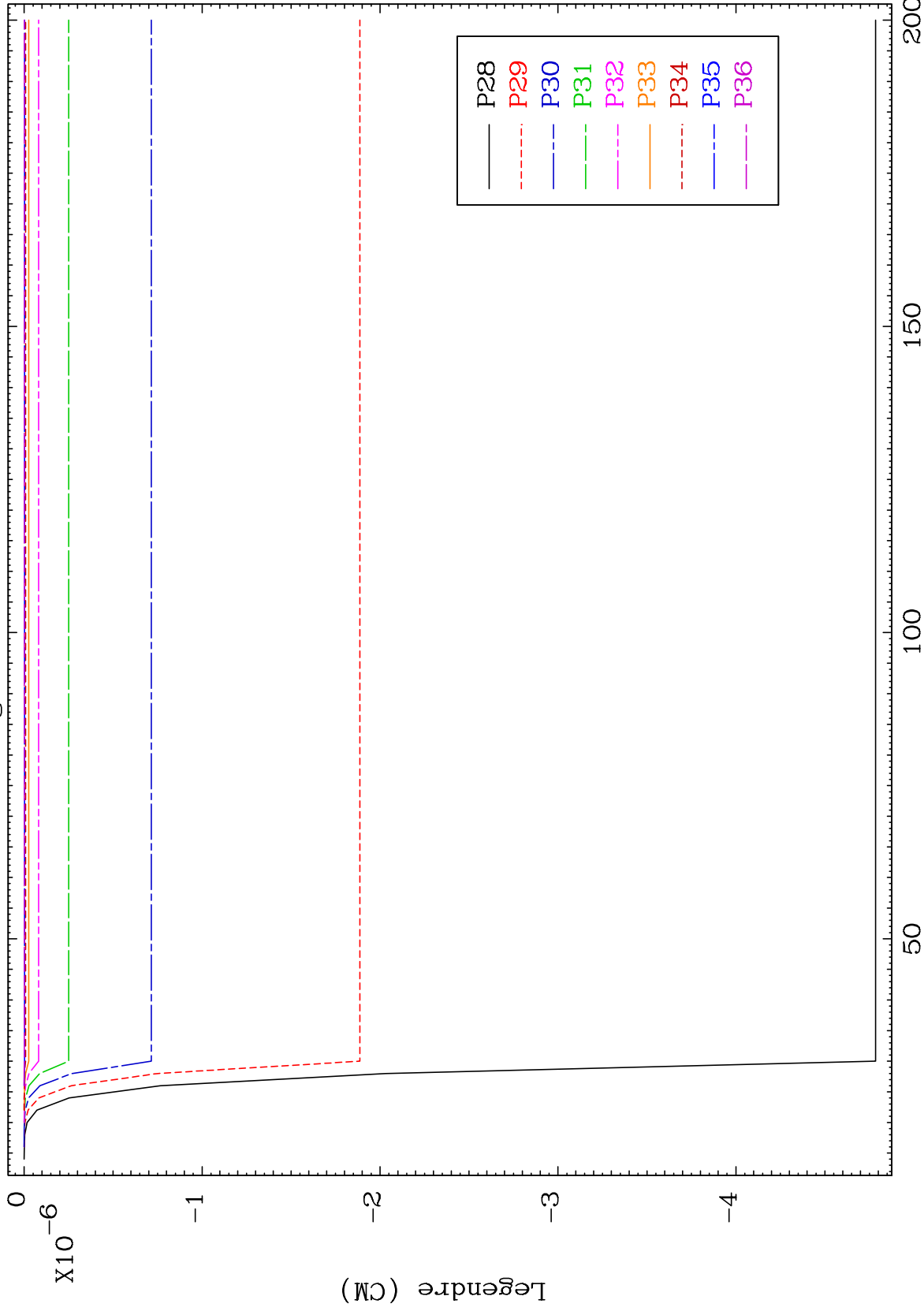
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

Incident Energy (MeV)

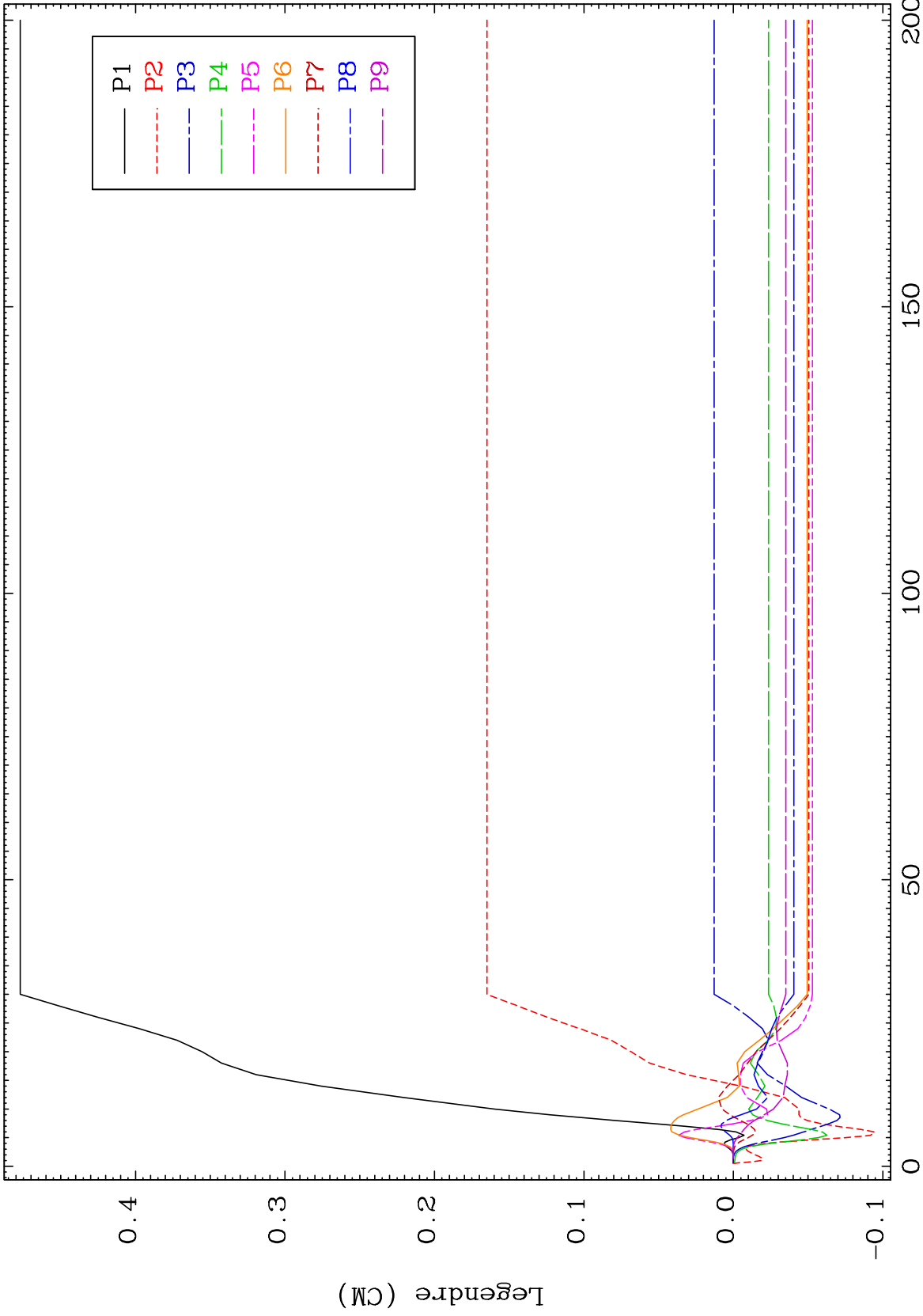
87



MAT 6834

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

68-Er-165



88

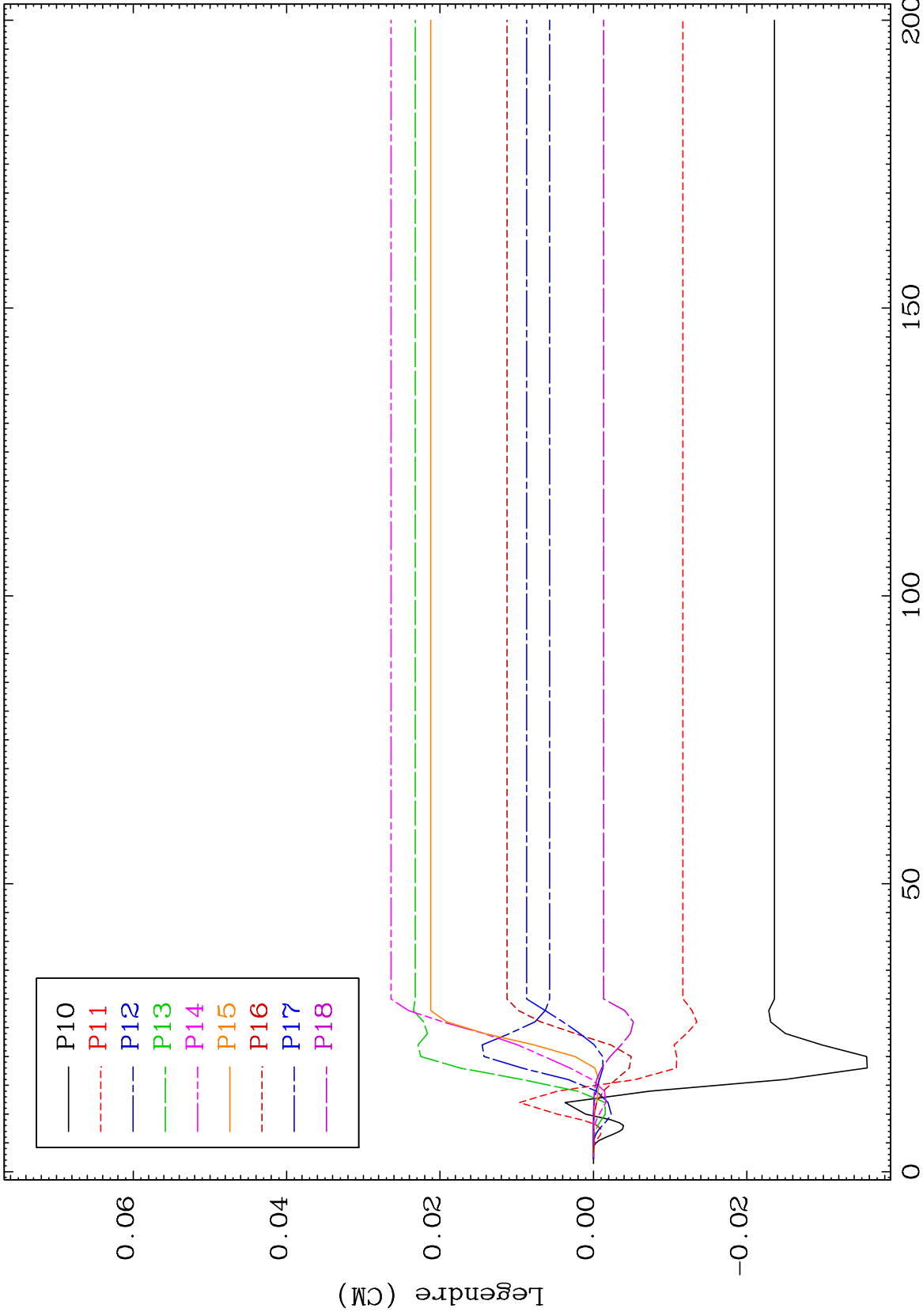
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



89

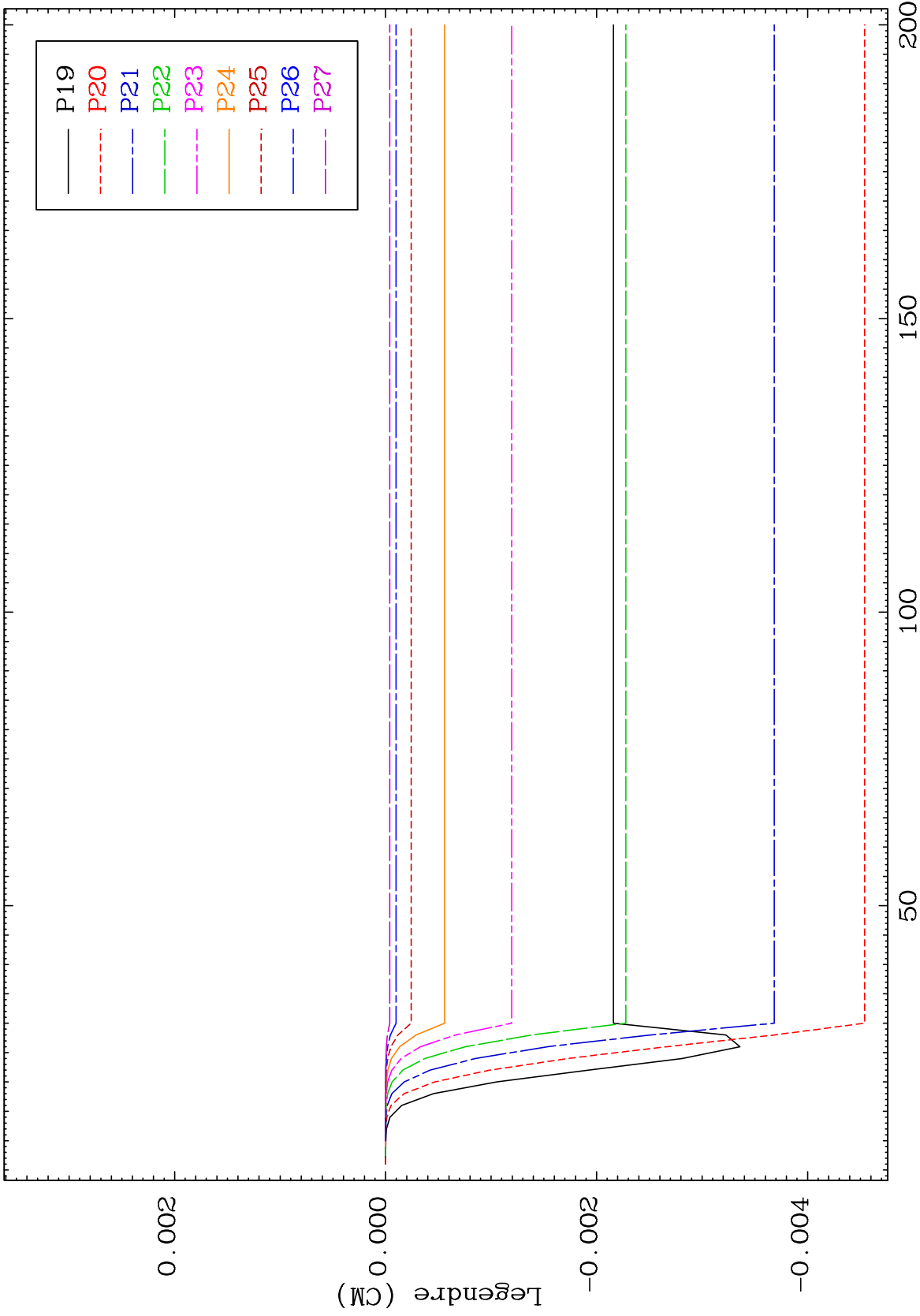
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165

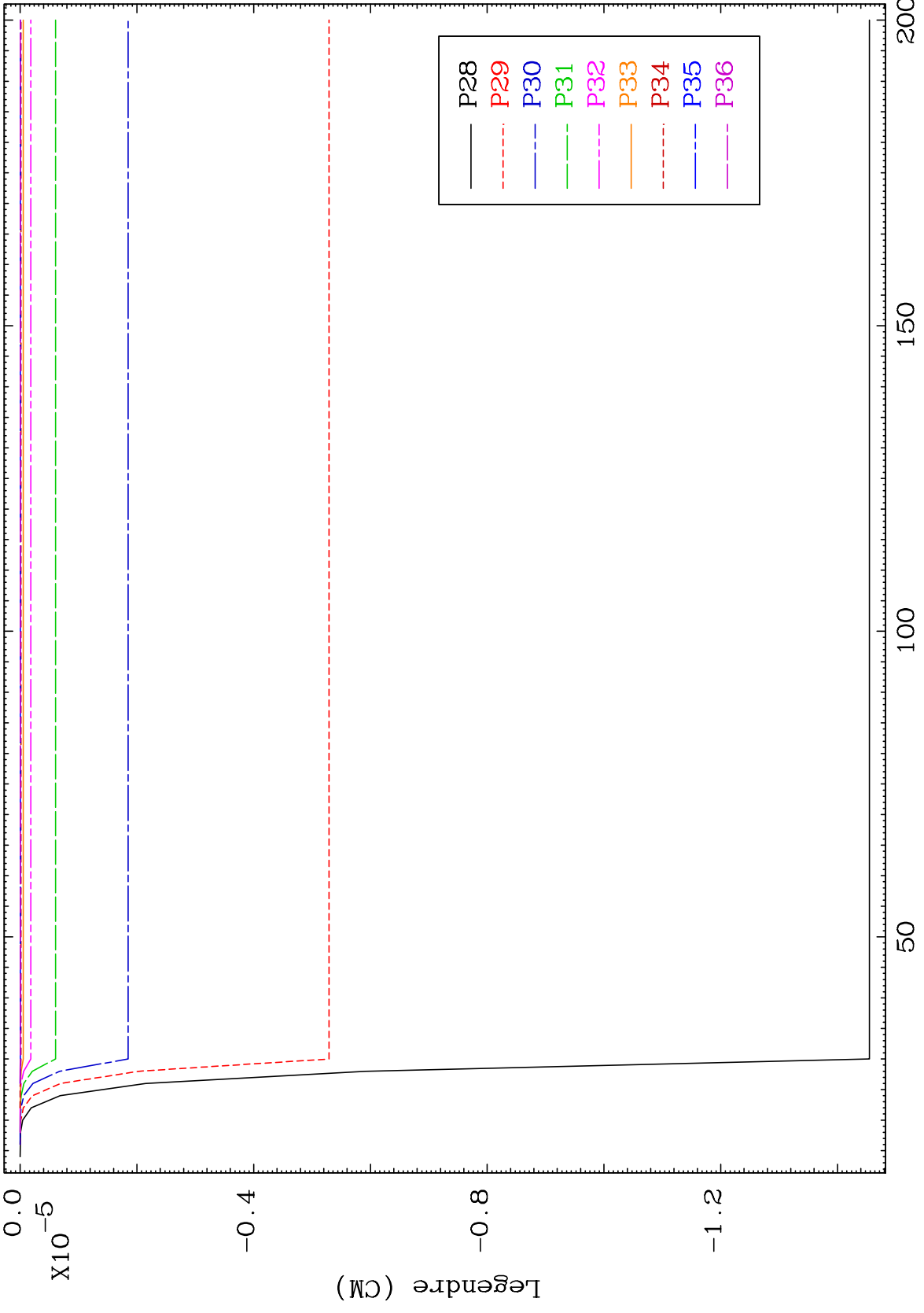


90

Incident Energy (MeV)

68-Er-165

MAT 6834 MT= 69 (n,n') Level Legendre Coefficients 68-Er-165

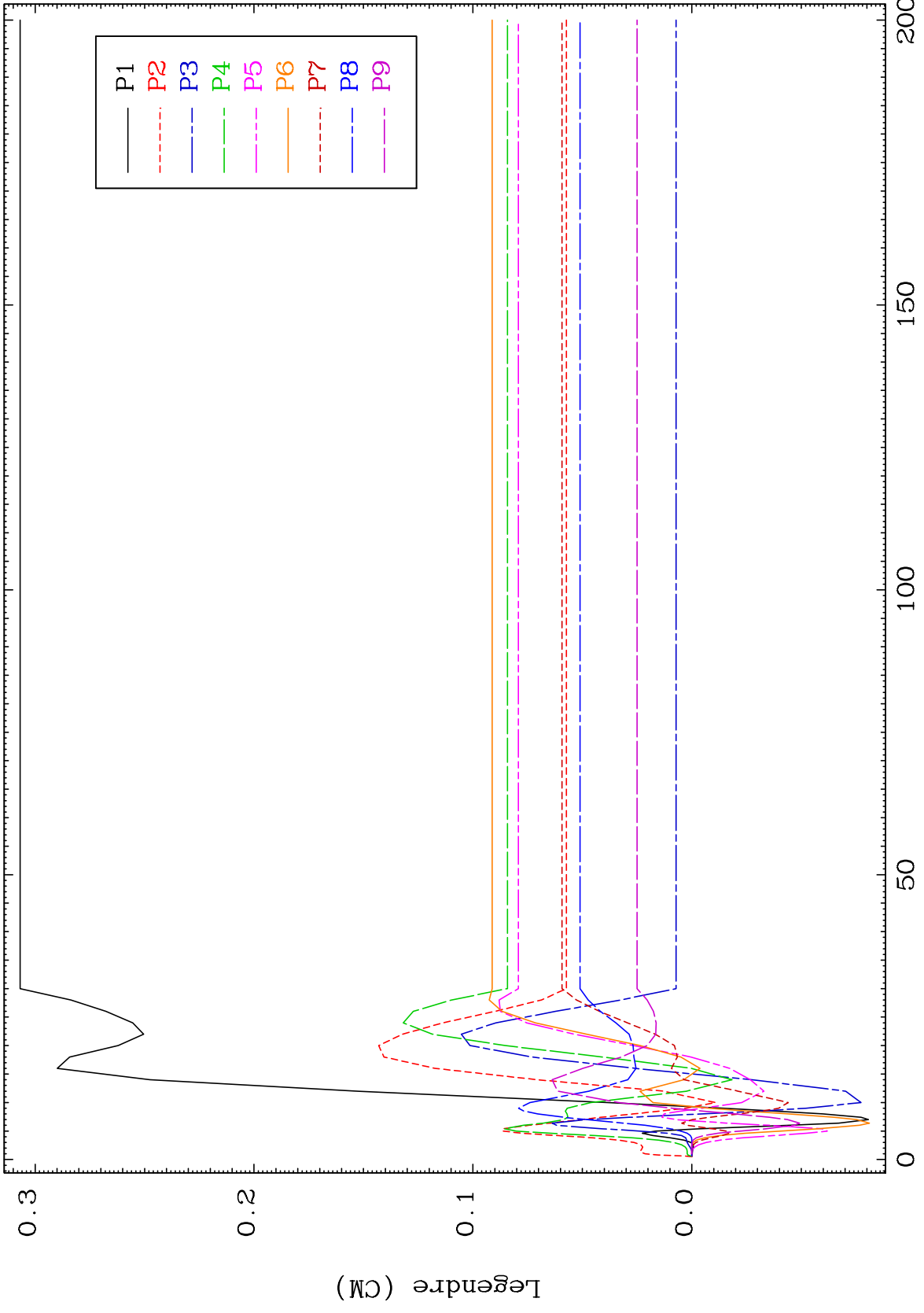


91 68-Er-165

MAT 6834

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

68-Er-165



92

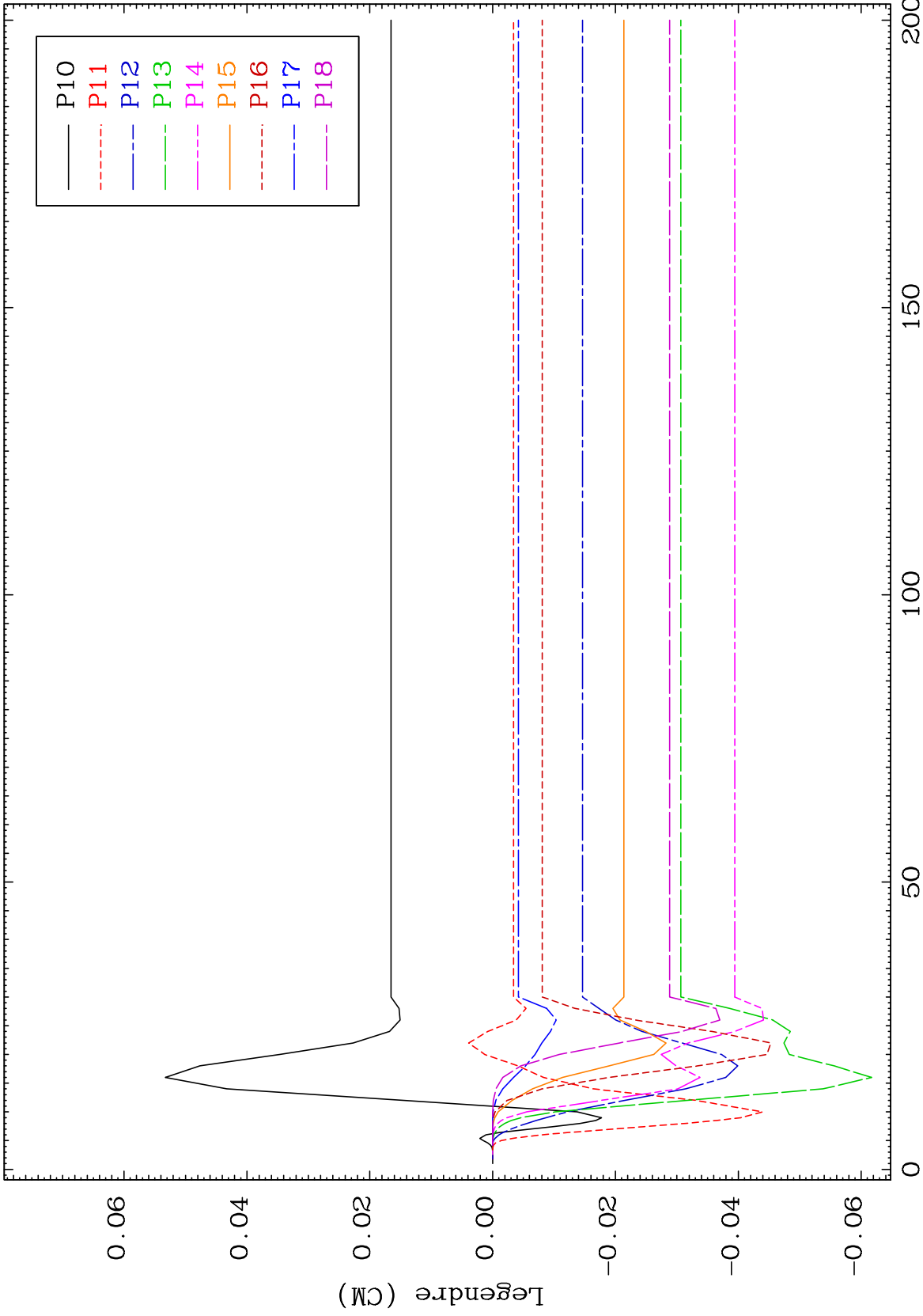
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



93

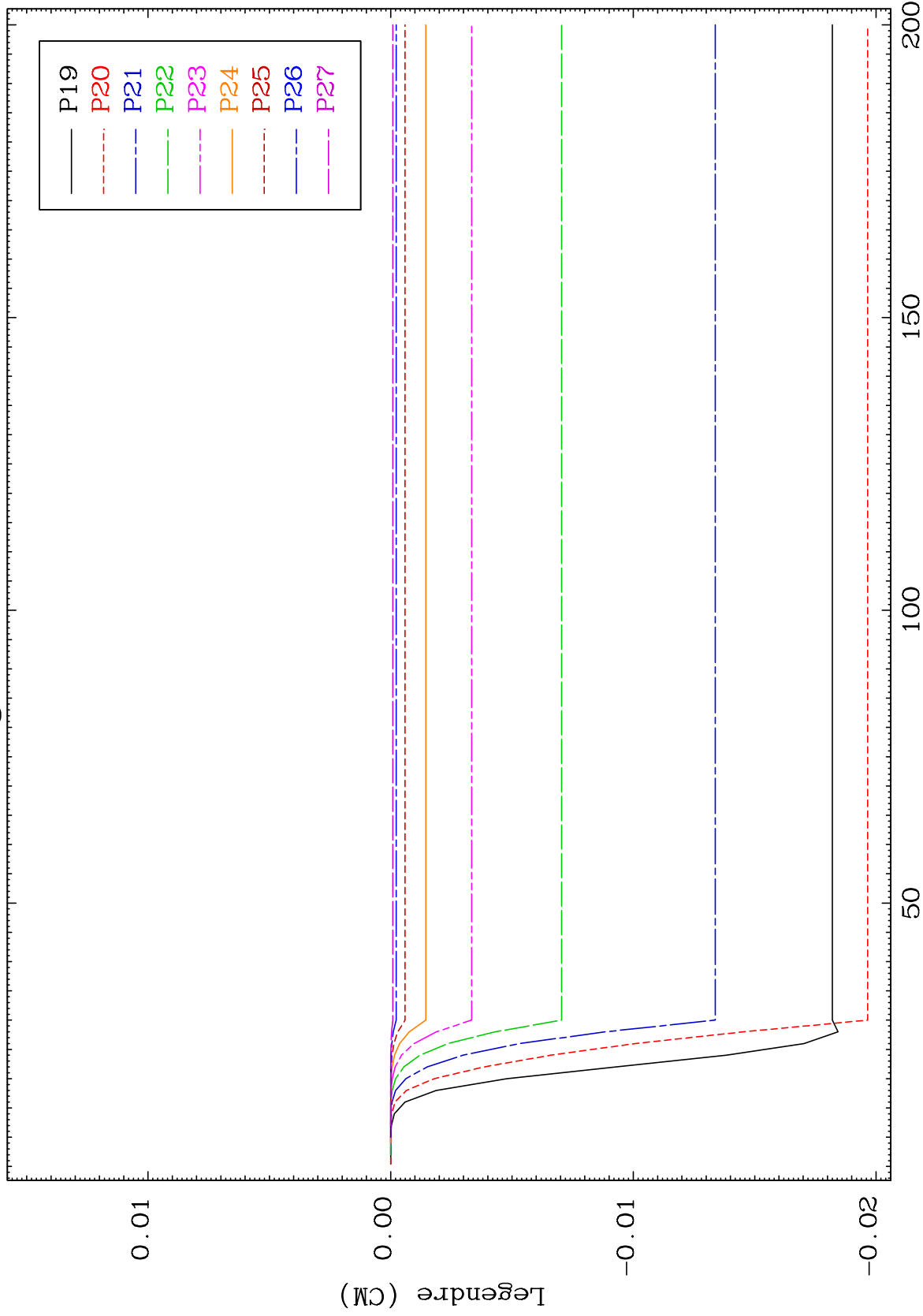
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



94

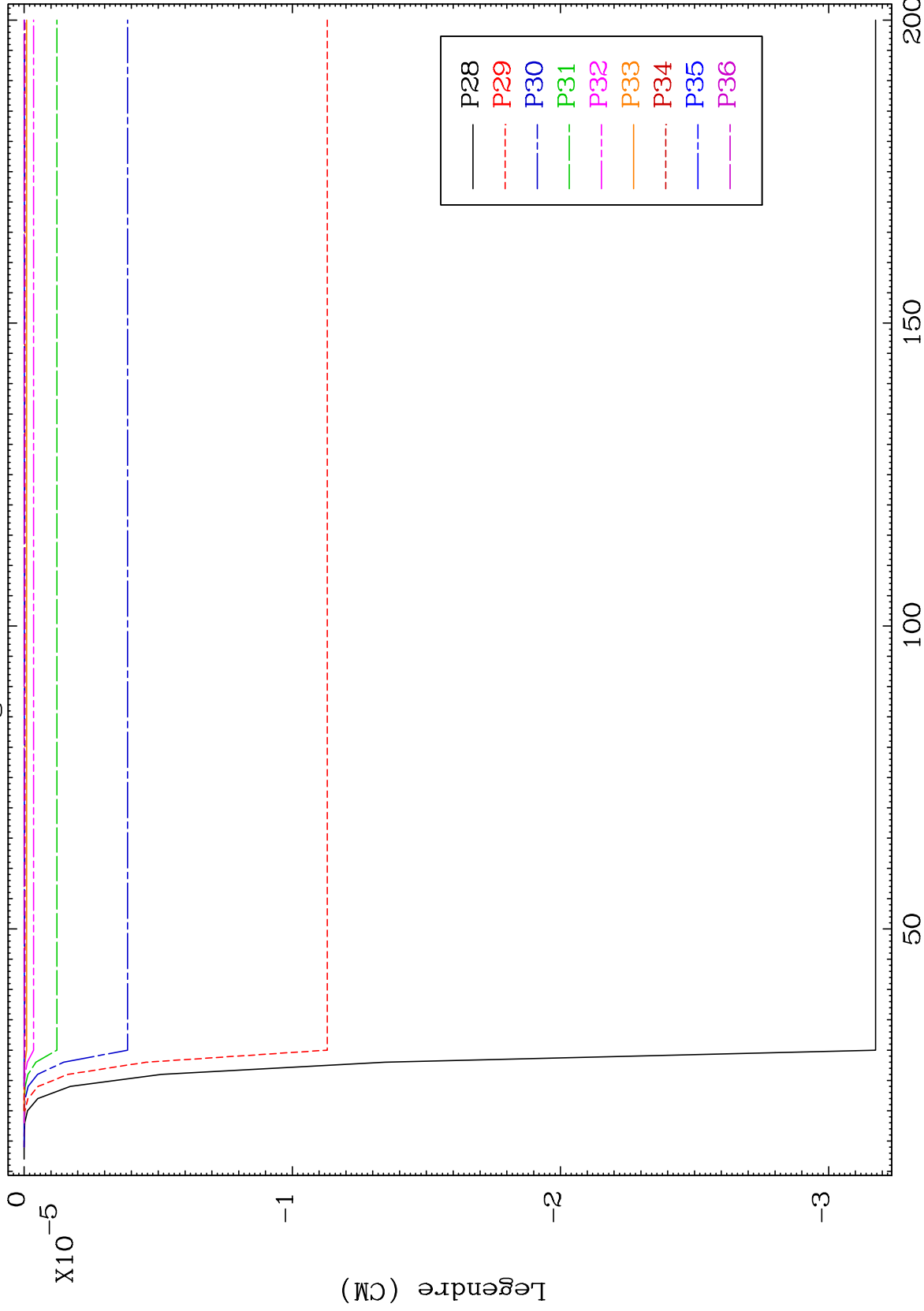
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

Incident Energy (MeV)

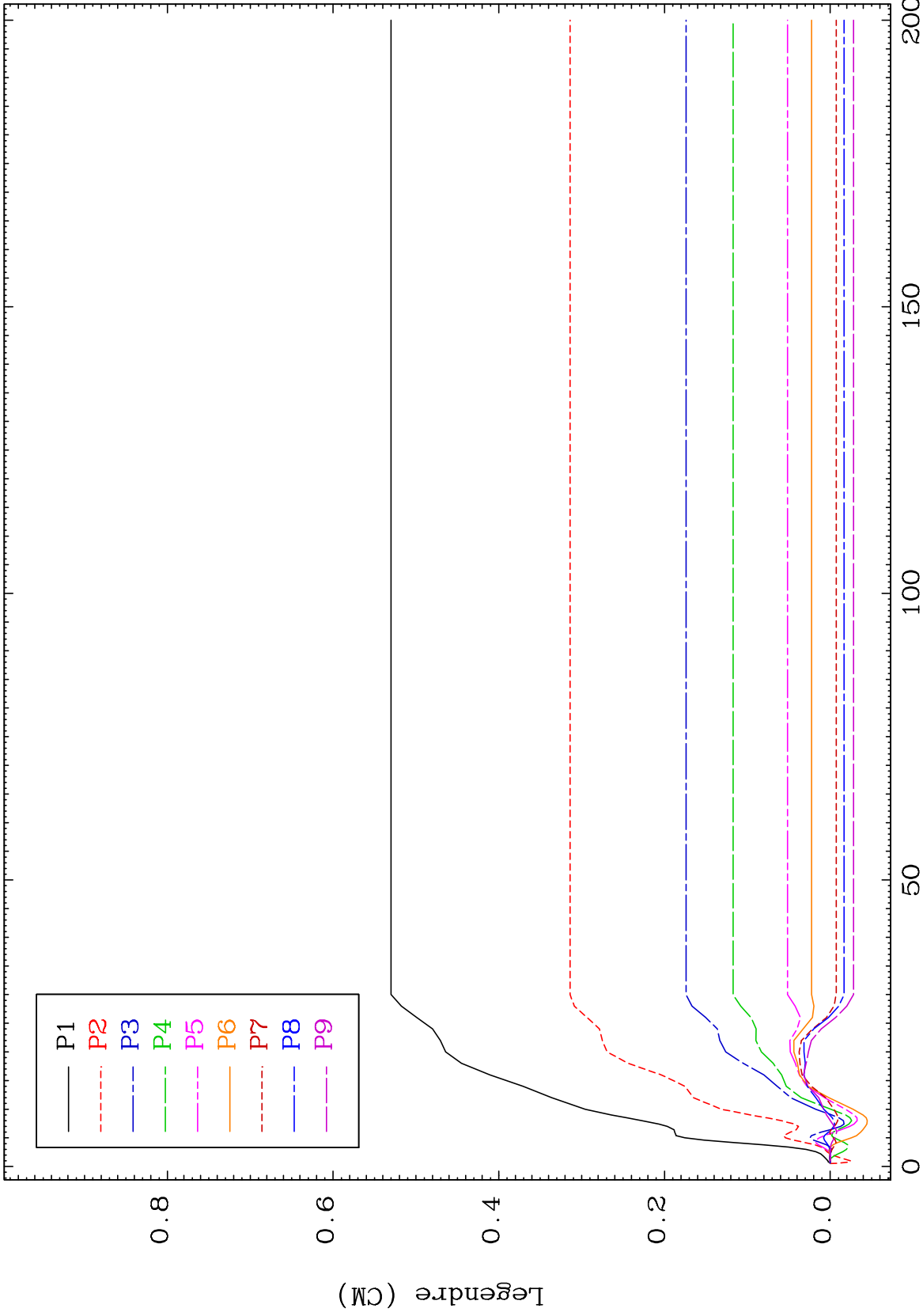
95



MAT 6834

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

68-Er-165



96

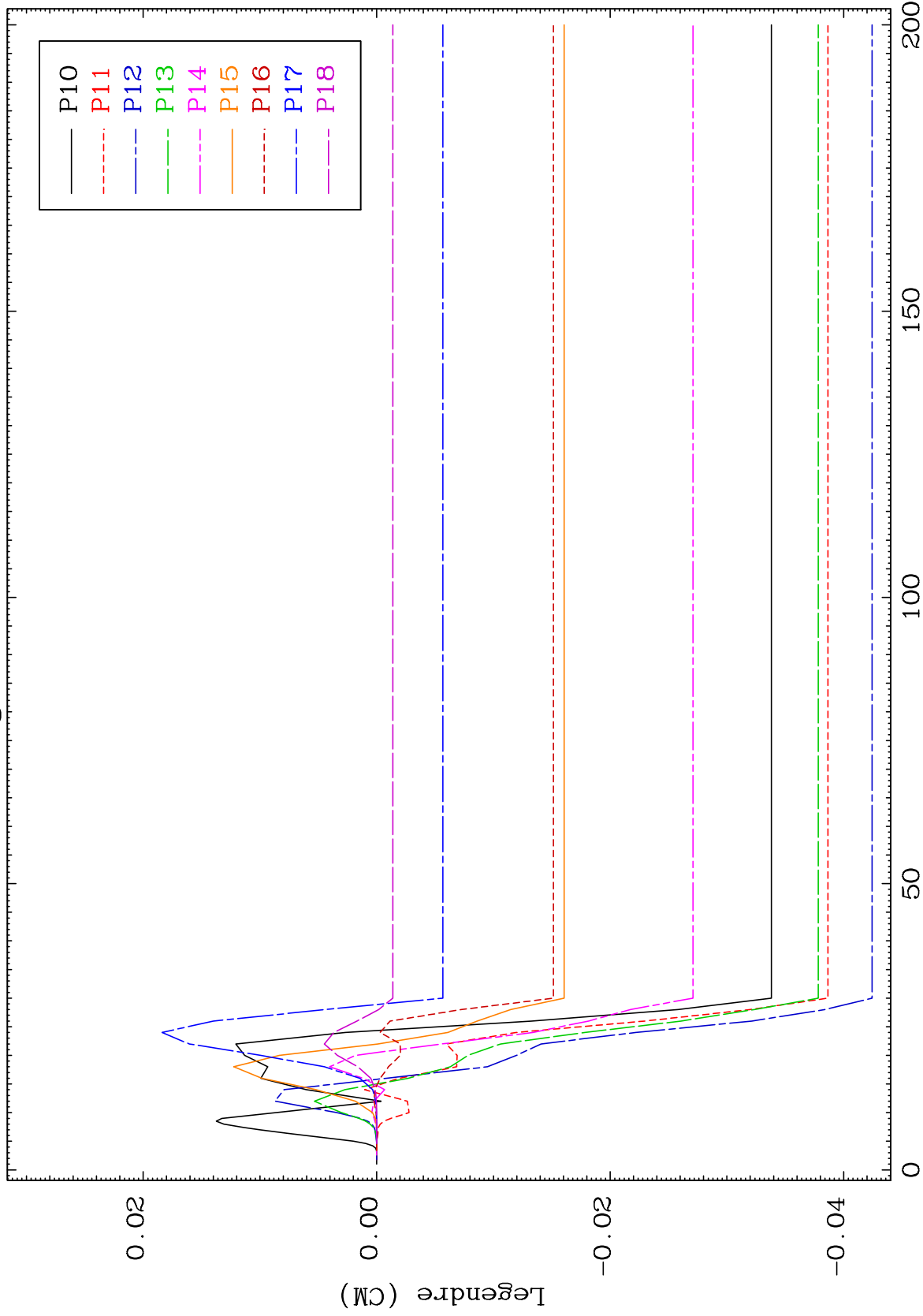
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



97

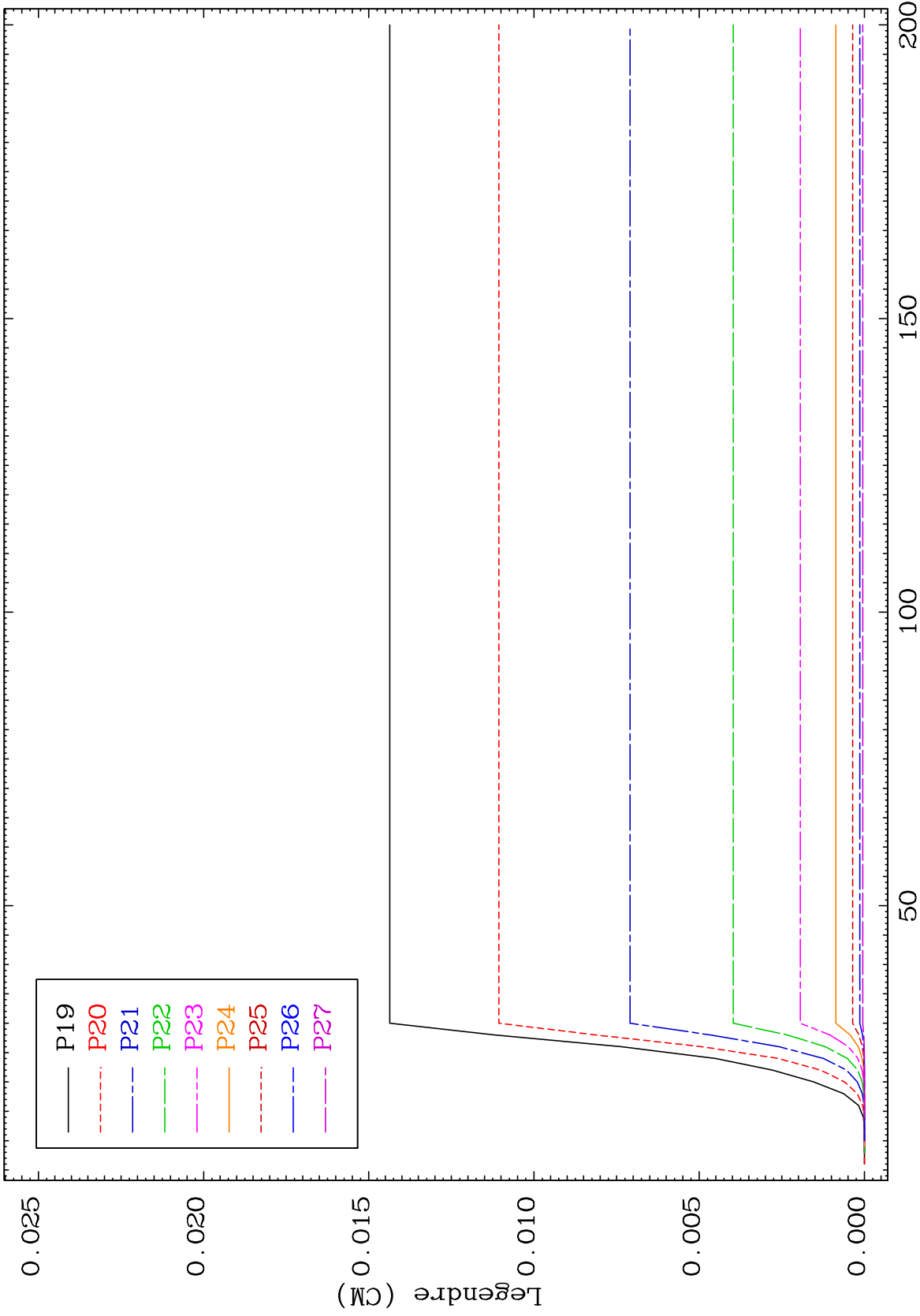
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



98

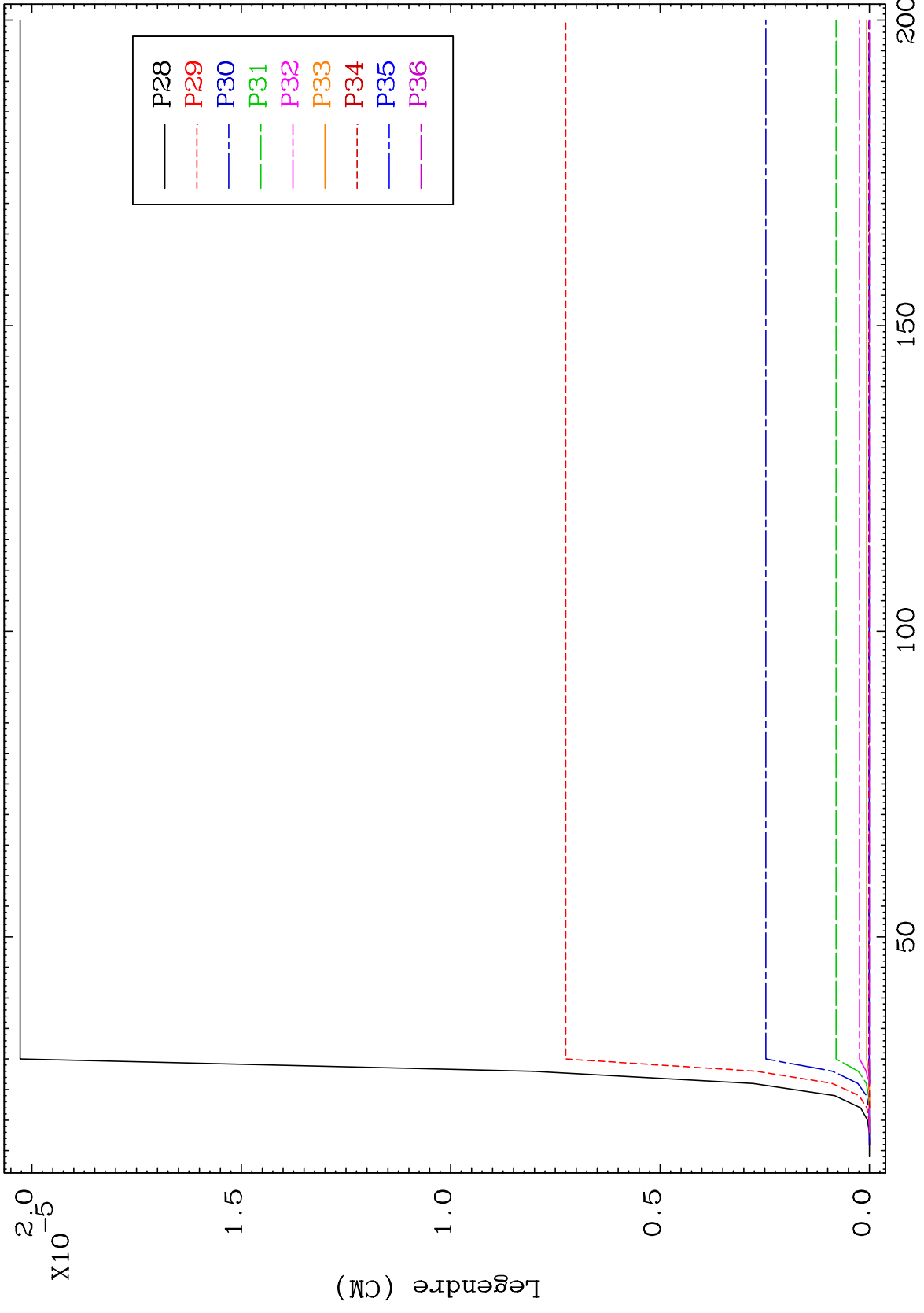
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



99

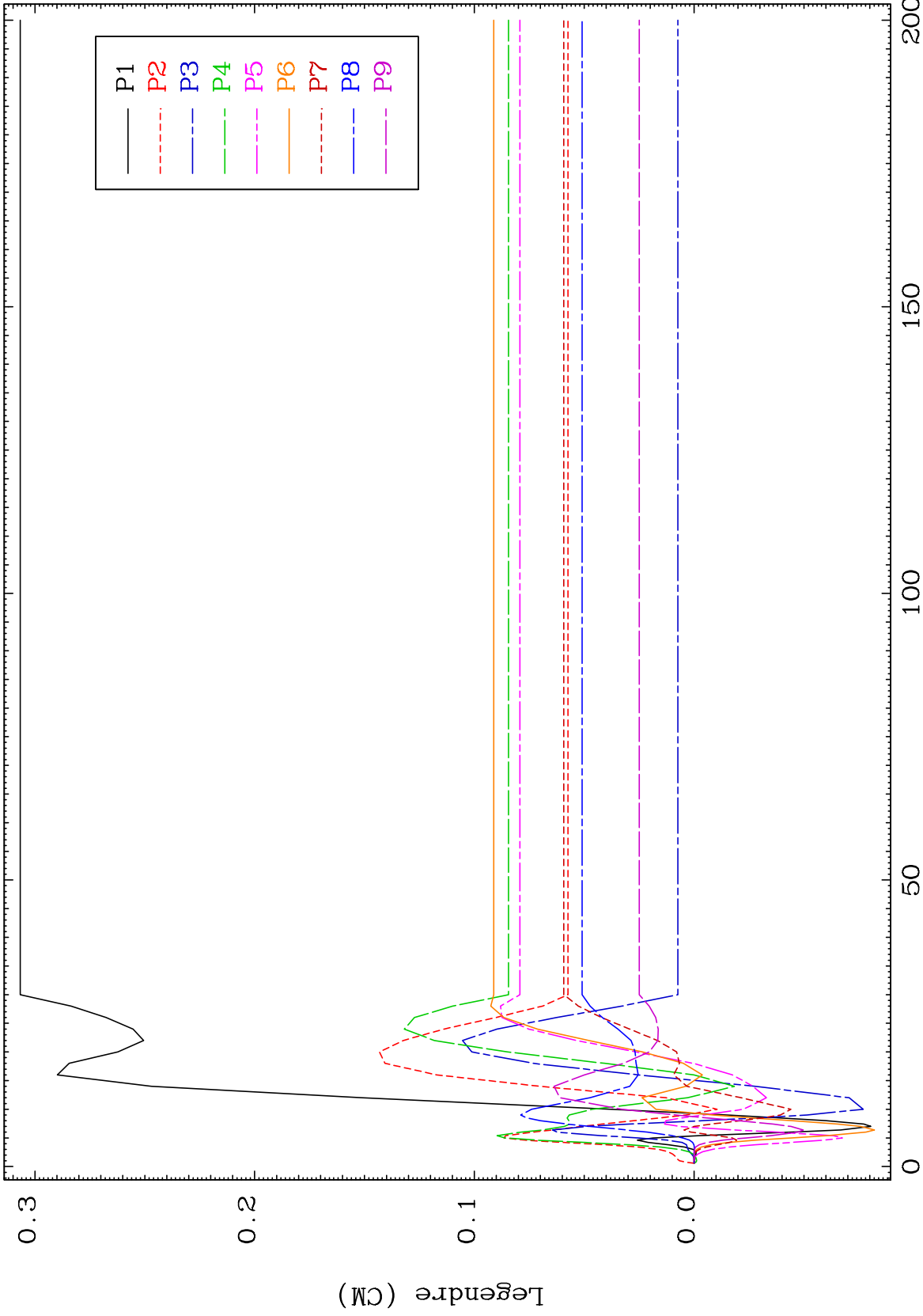
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

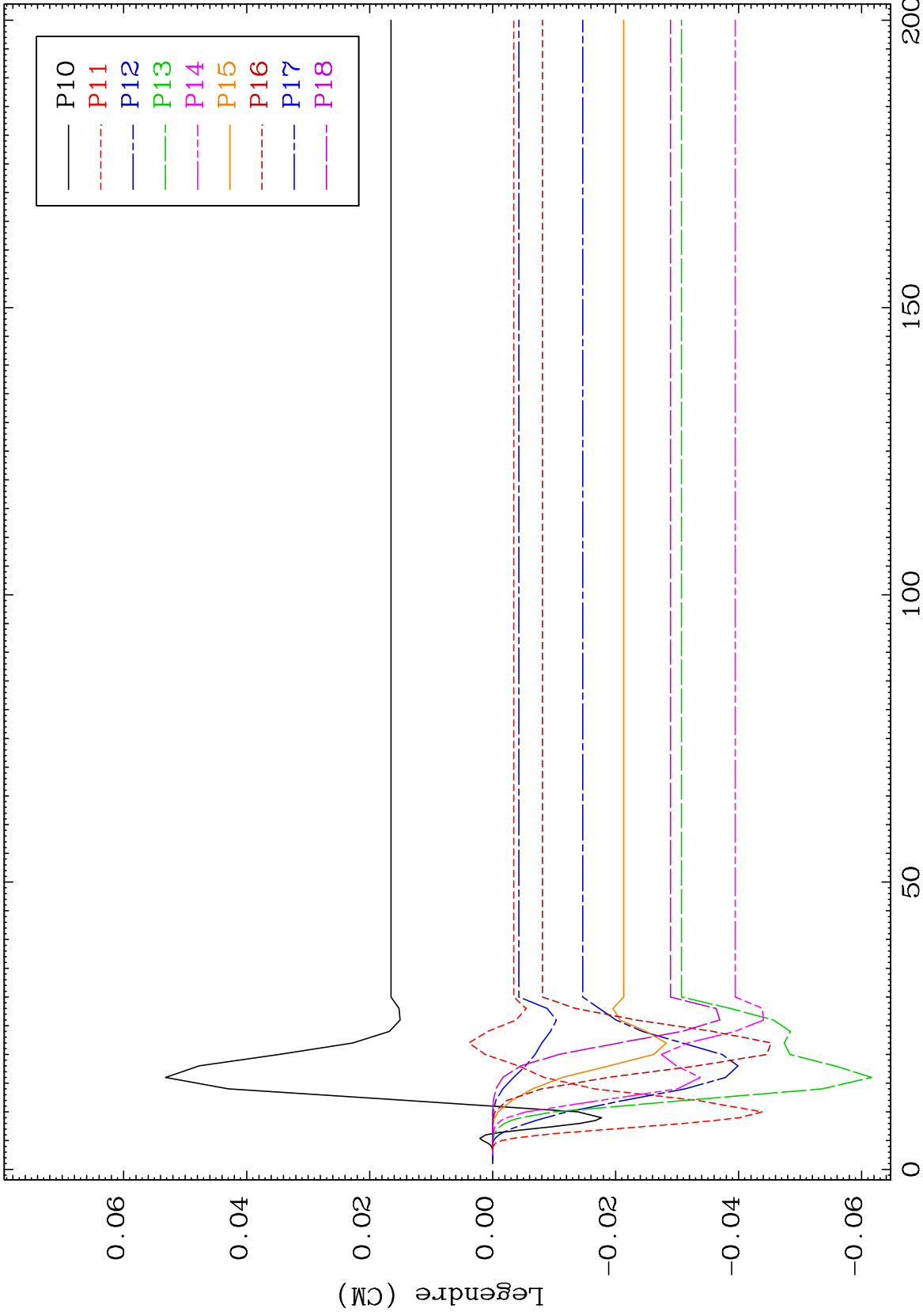
Incident Energy (MeV)

Legendre (CM)

MAT 6834

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

68-Er-165



101

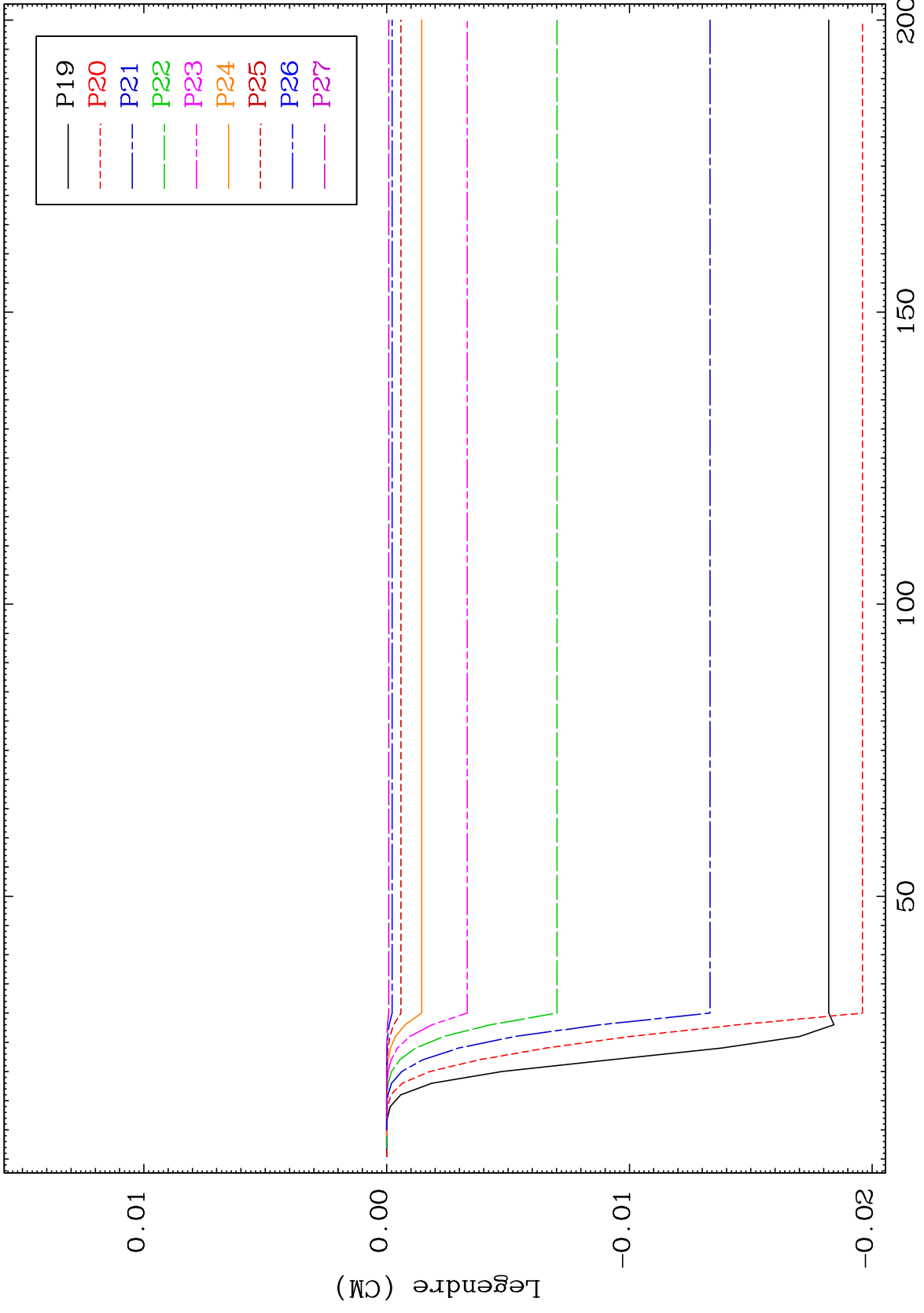
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165

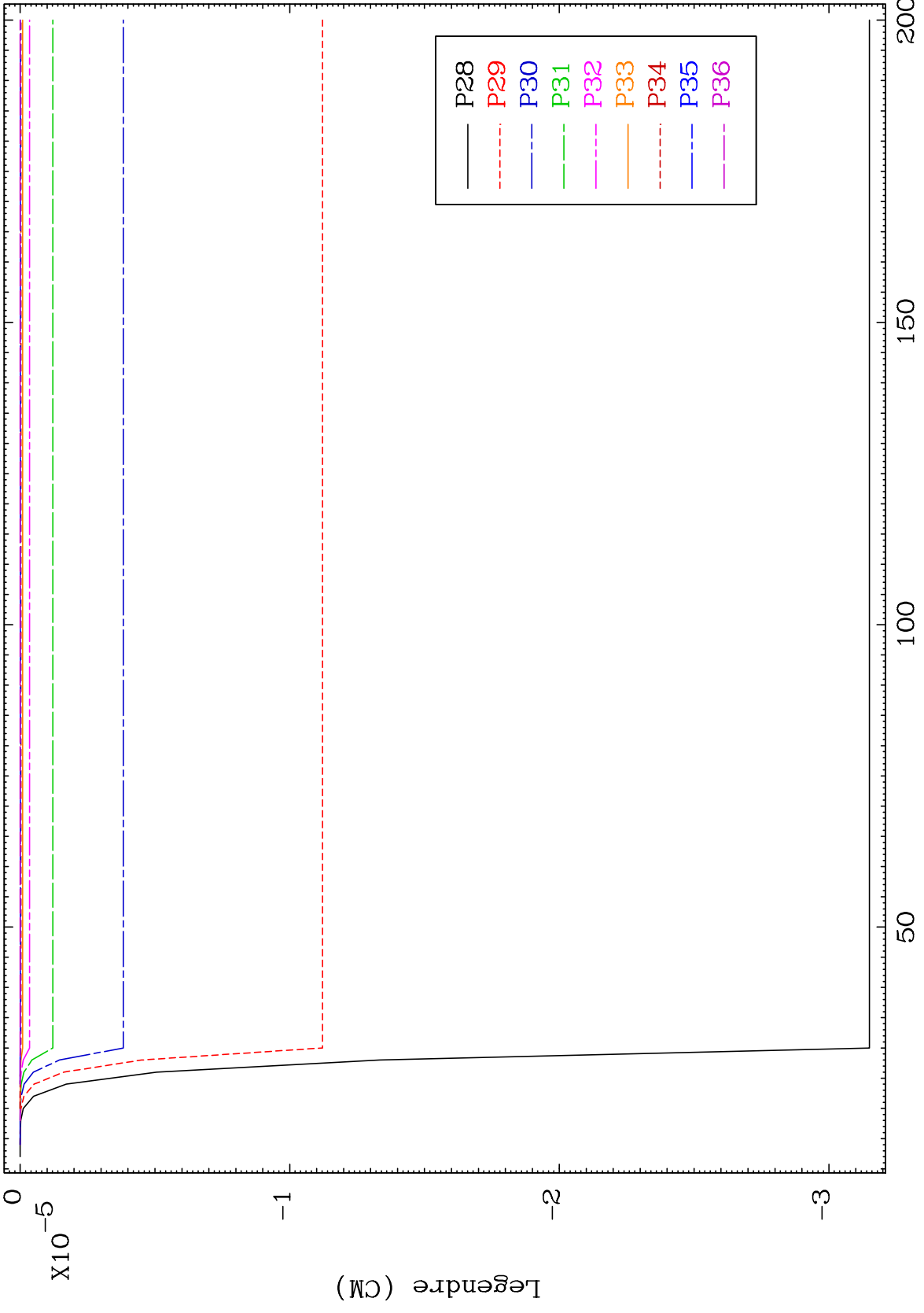


102

Incident Energy (MeV)

68-Er-165

MAT 6834 MT= 72 (n,n') Level Legendre Coefficients 68-Er-165



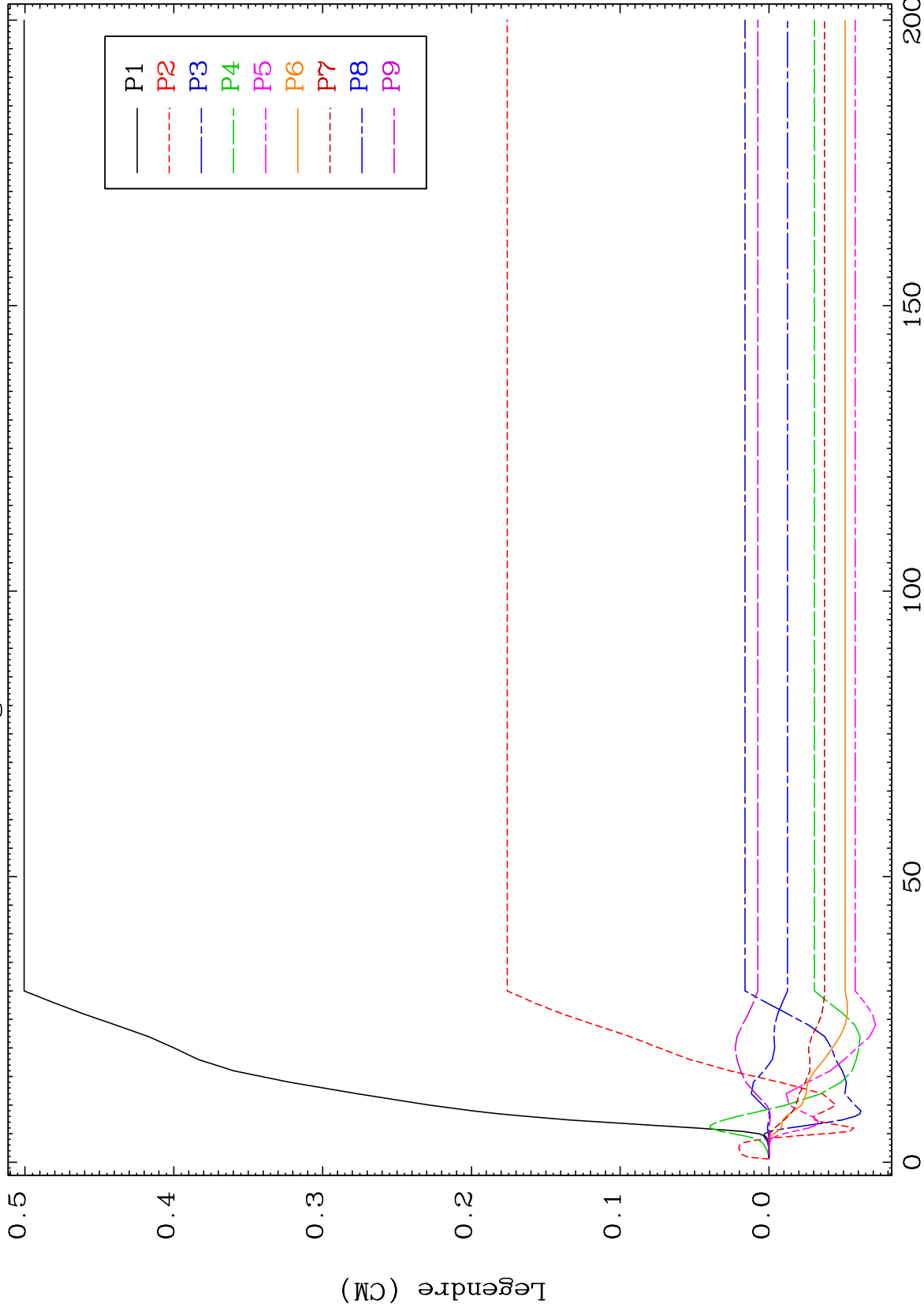
103 68-Er-165



MAT 6834

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

68-Er-165



104

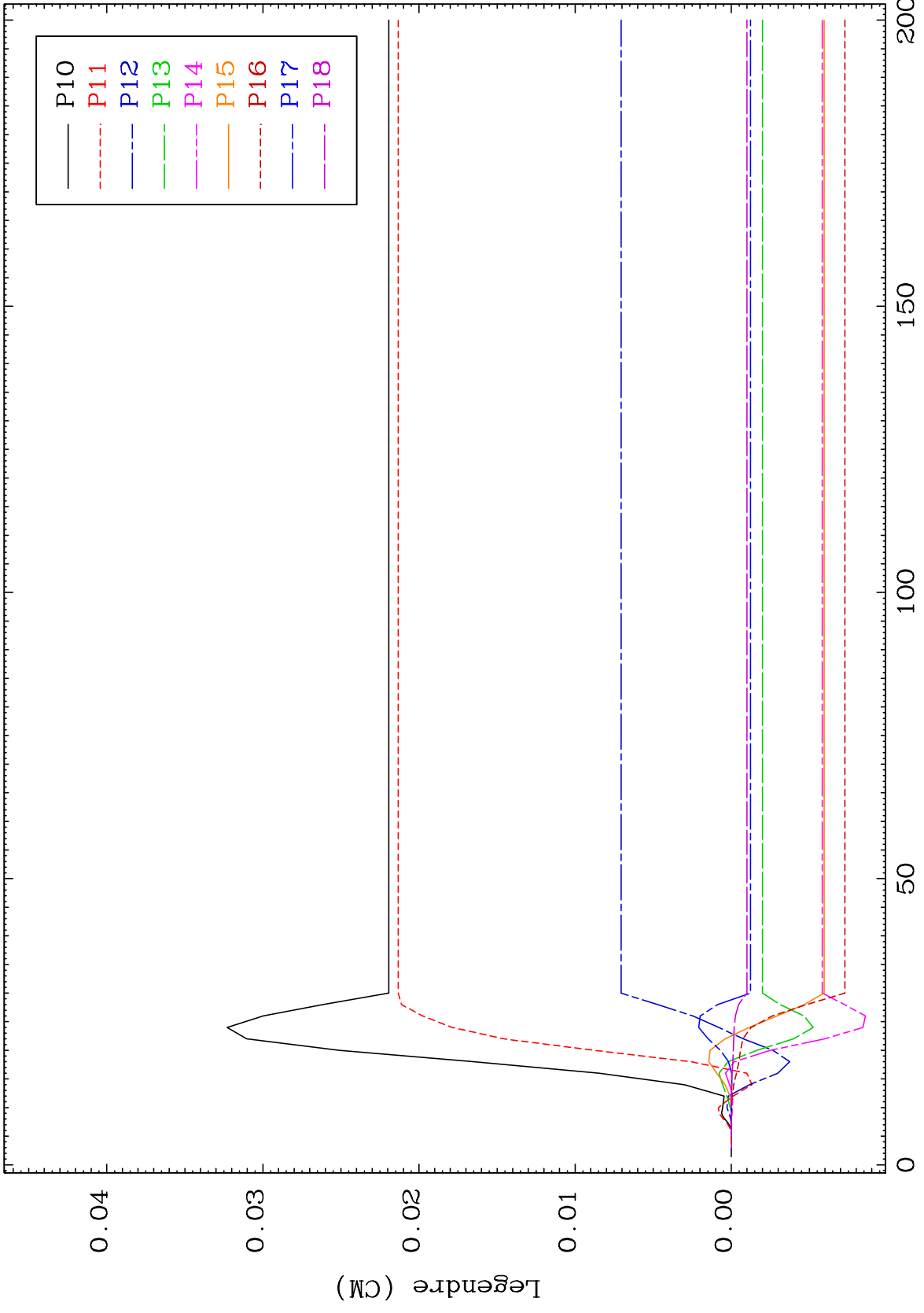
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



105

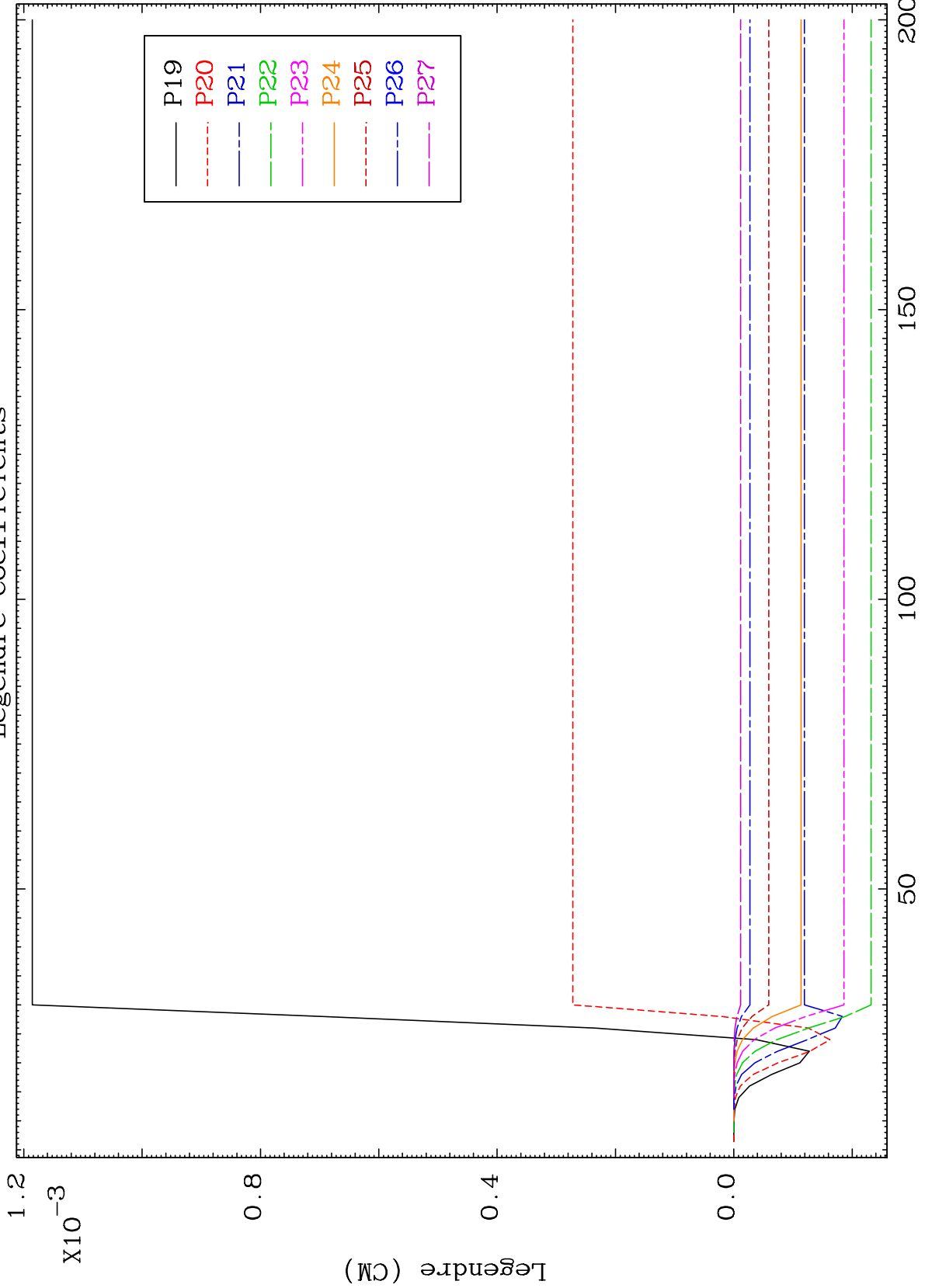
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



106

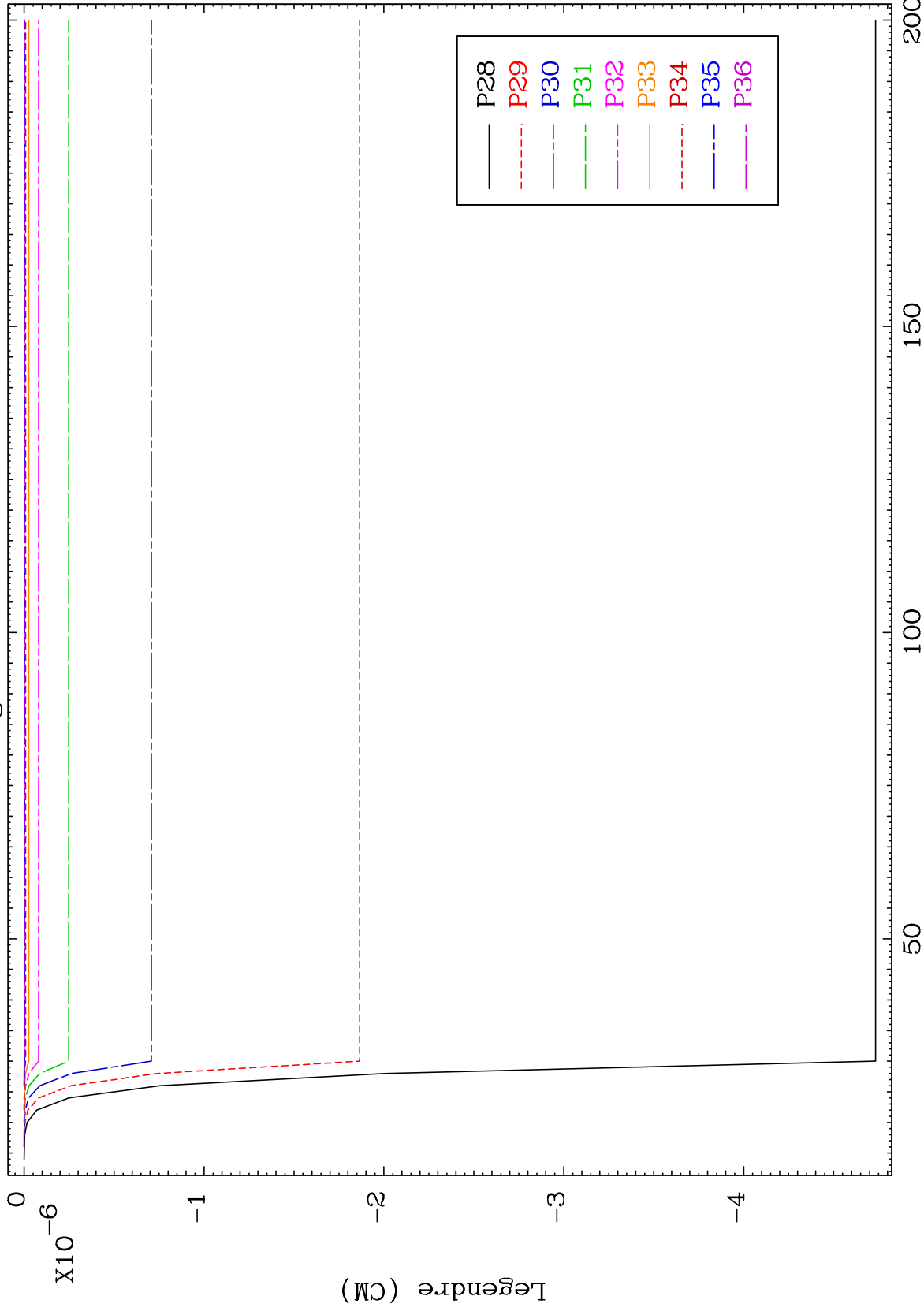
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



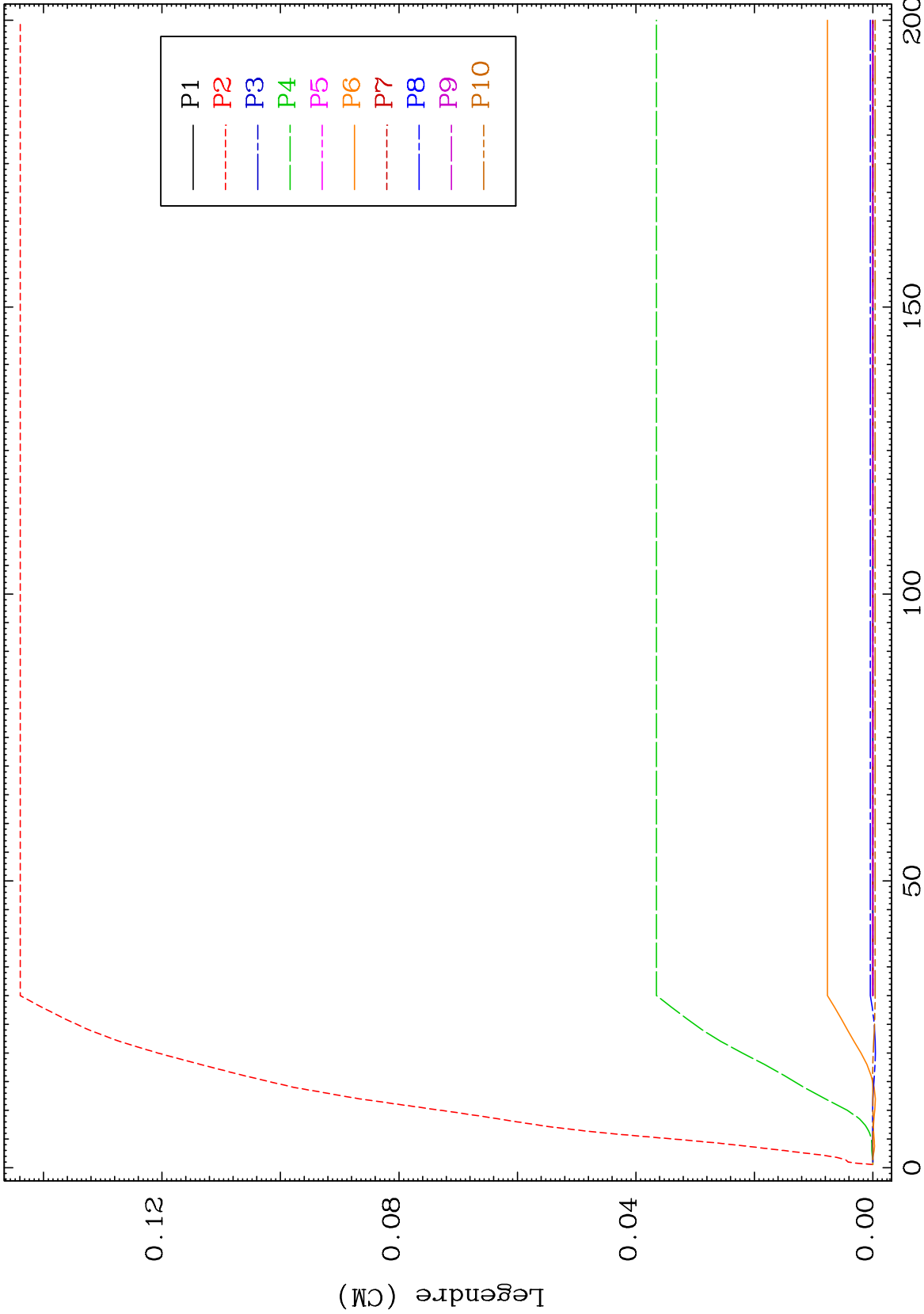
107

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

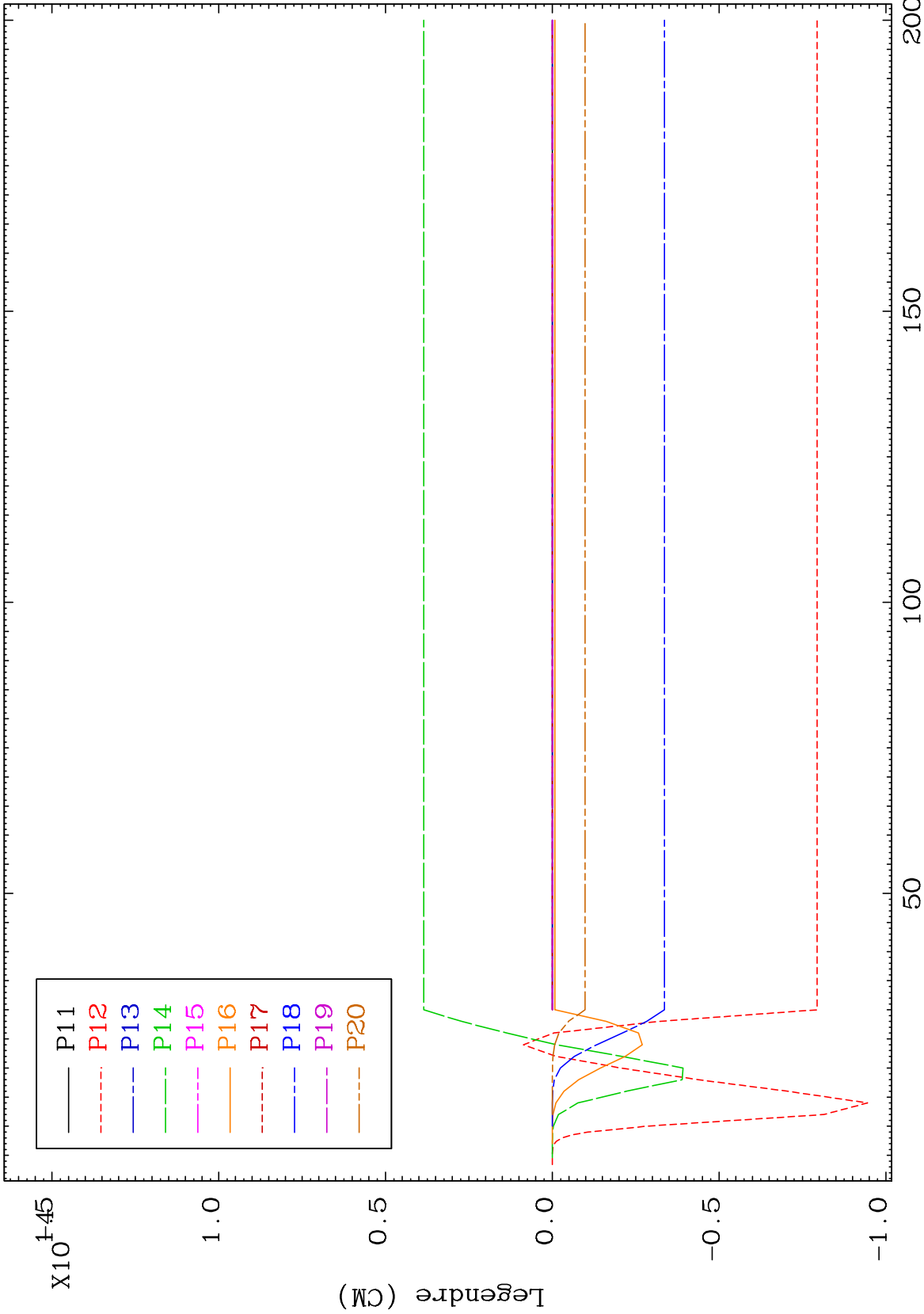
Incident Energy (MeV)

108

MAT 6834

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

68-Er-165



109

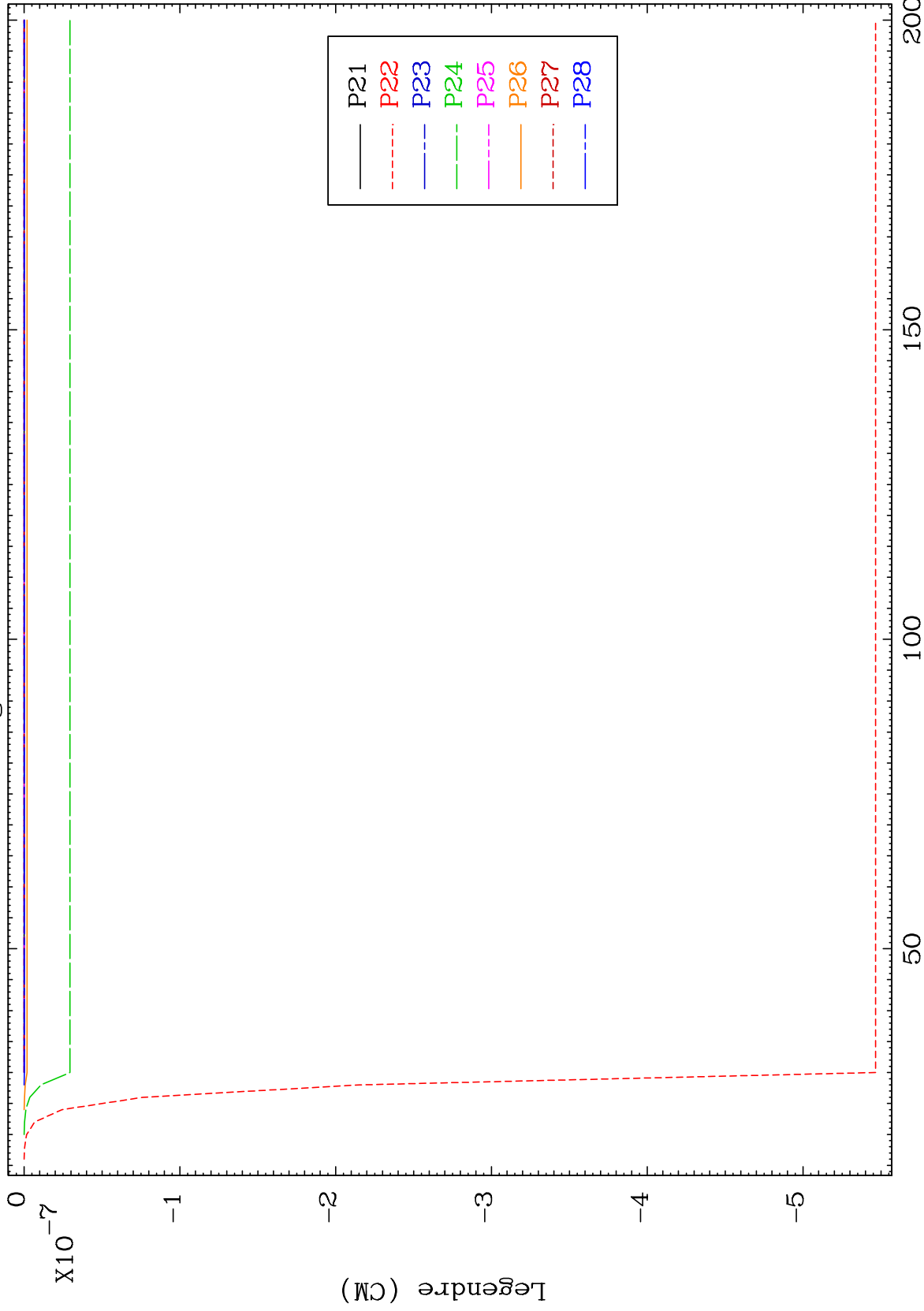
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

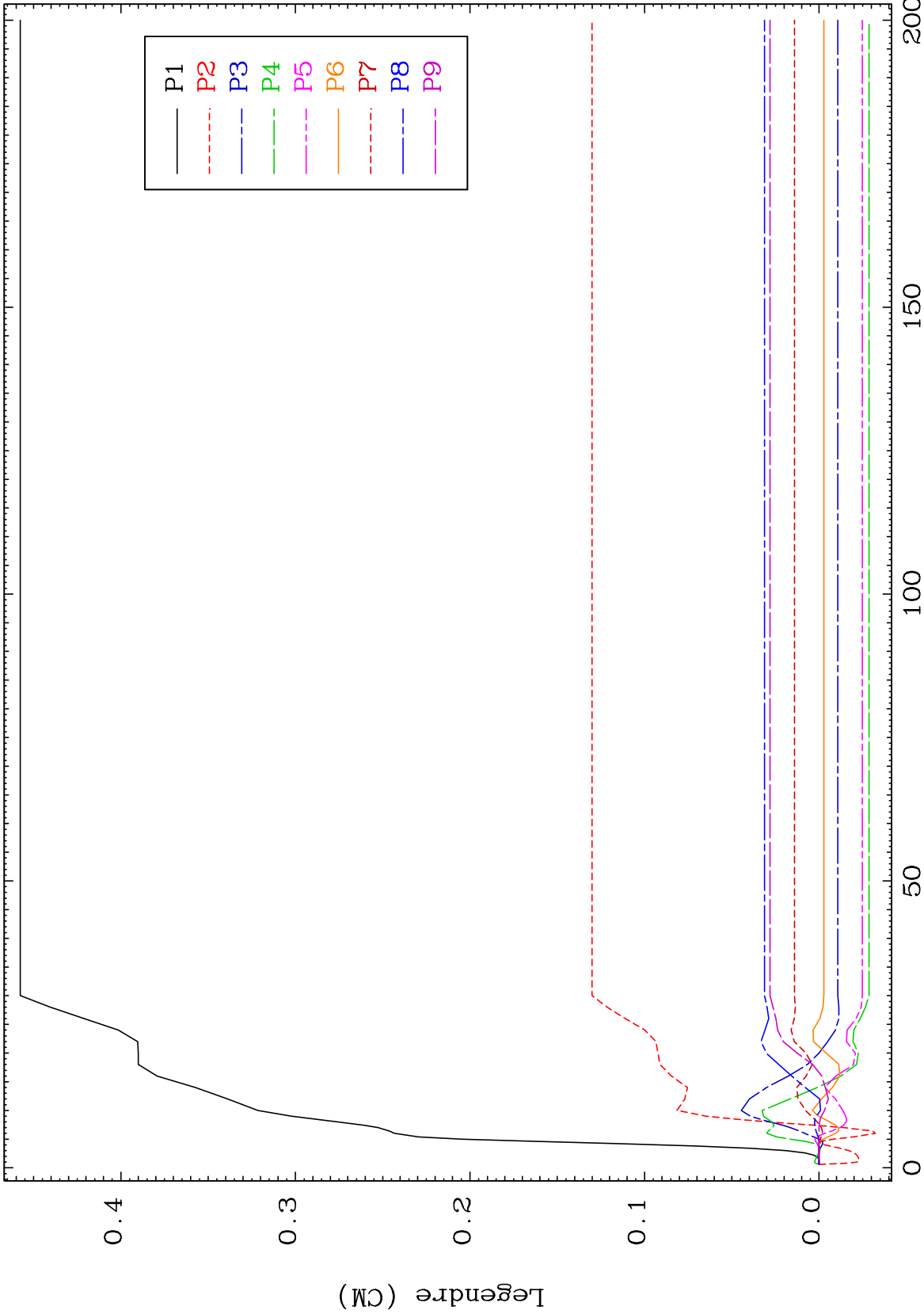
Incident Energy (MeV)

110

MAT 6834

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

68-Er-165



111

Incident Energy (MeV)

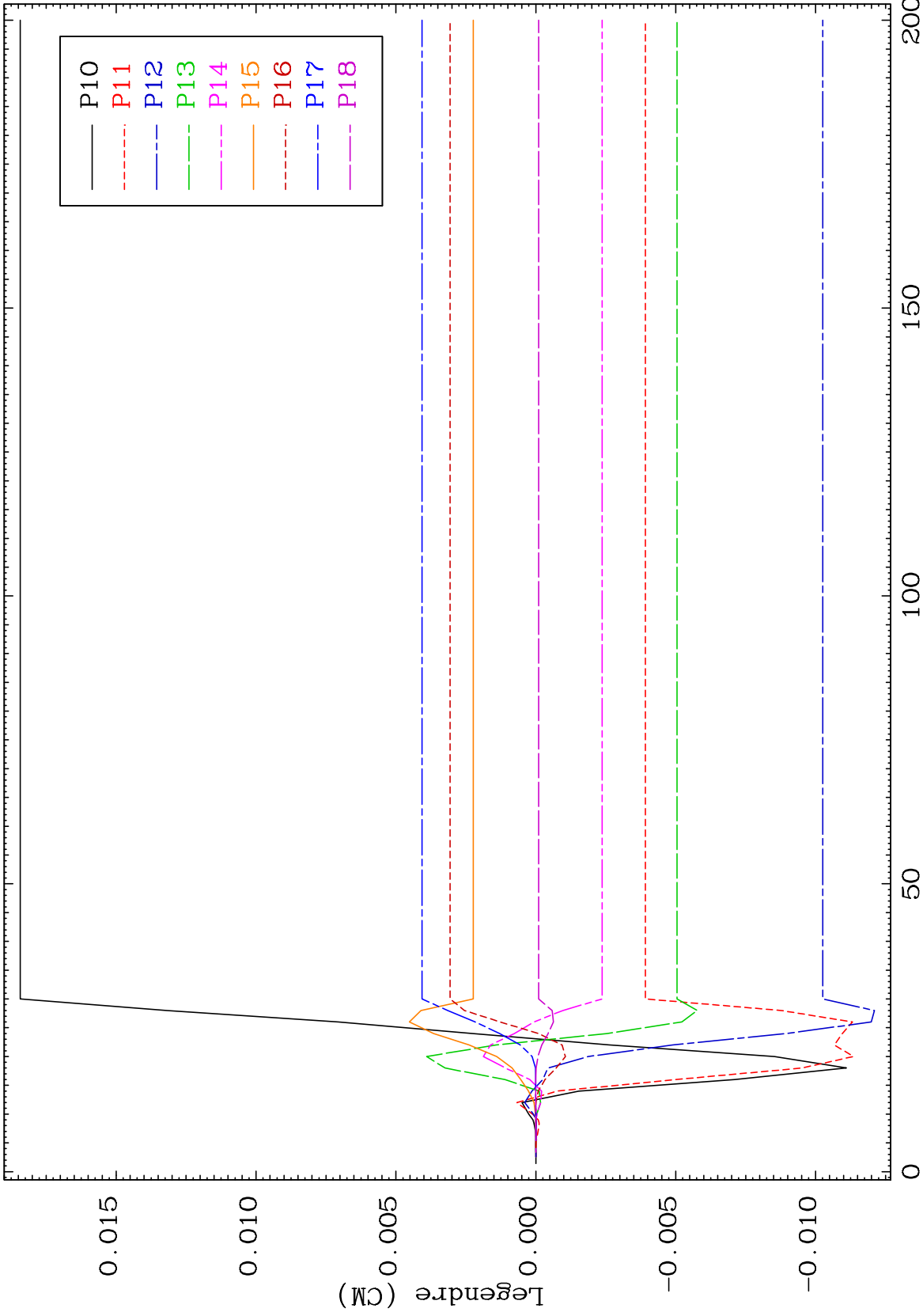
68-Er-165



MAT 6834

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

68-Er-165



112

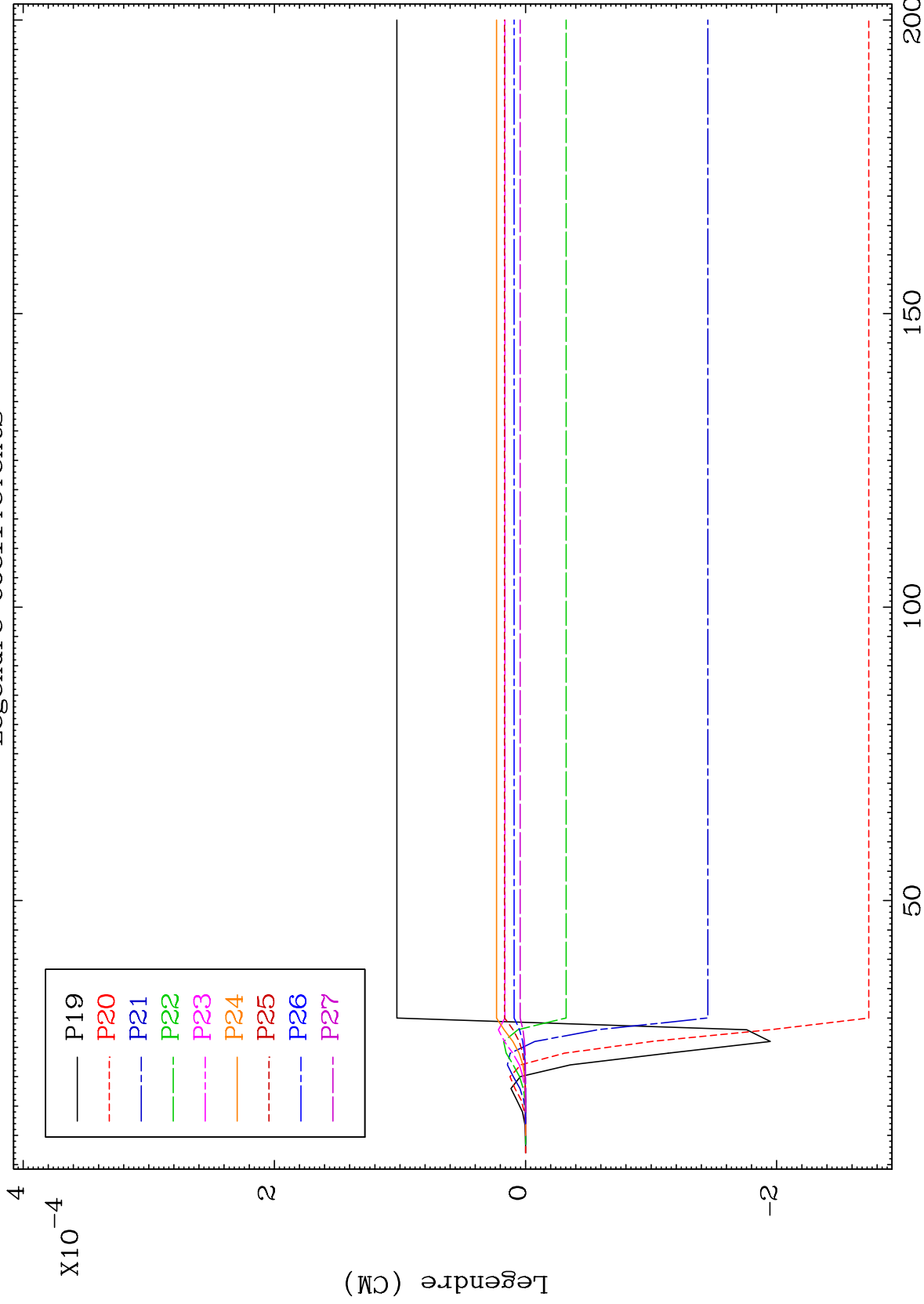
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



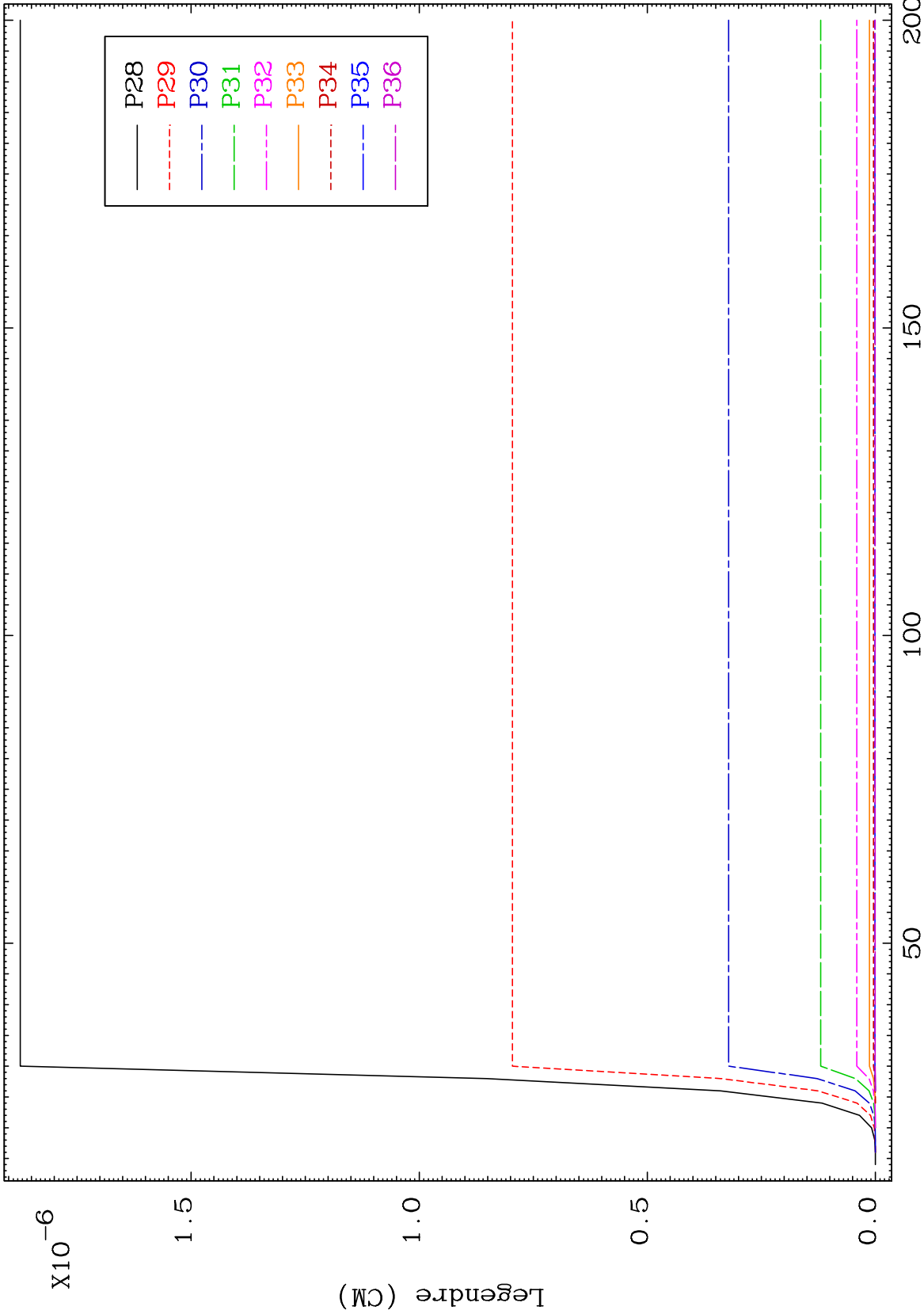
113

68-Er-165

MAT 6834

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

68-Er-165



114

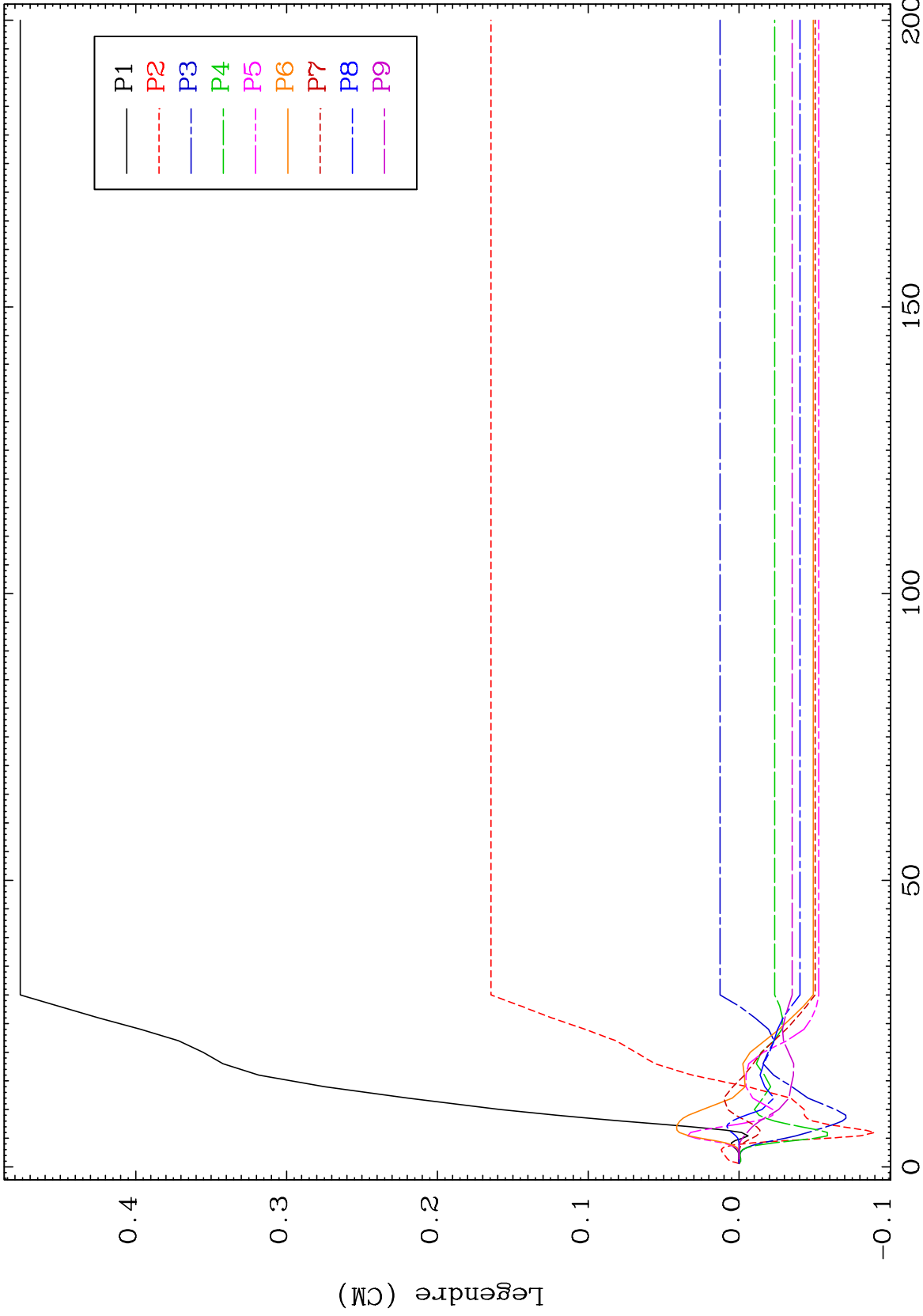
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

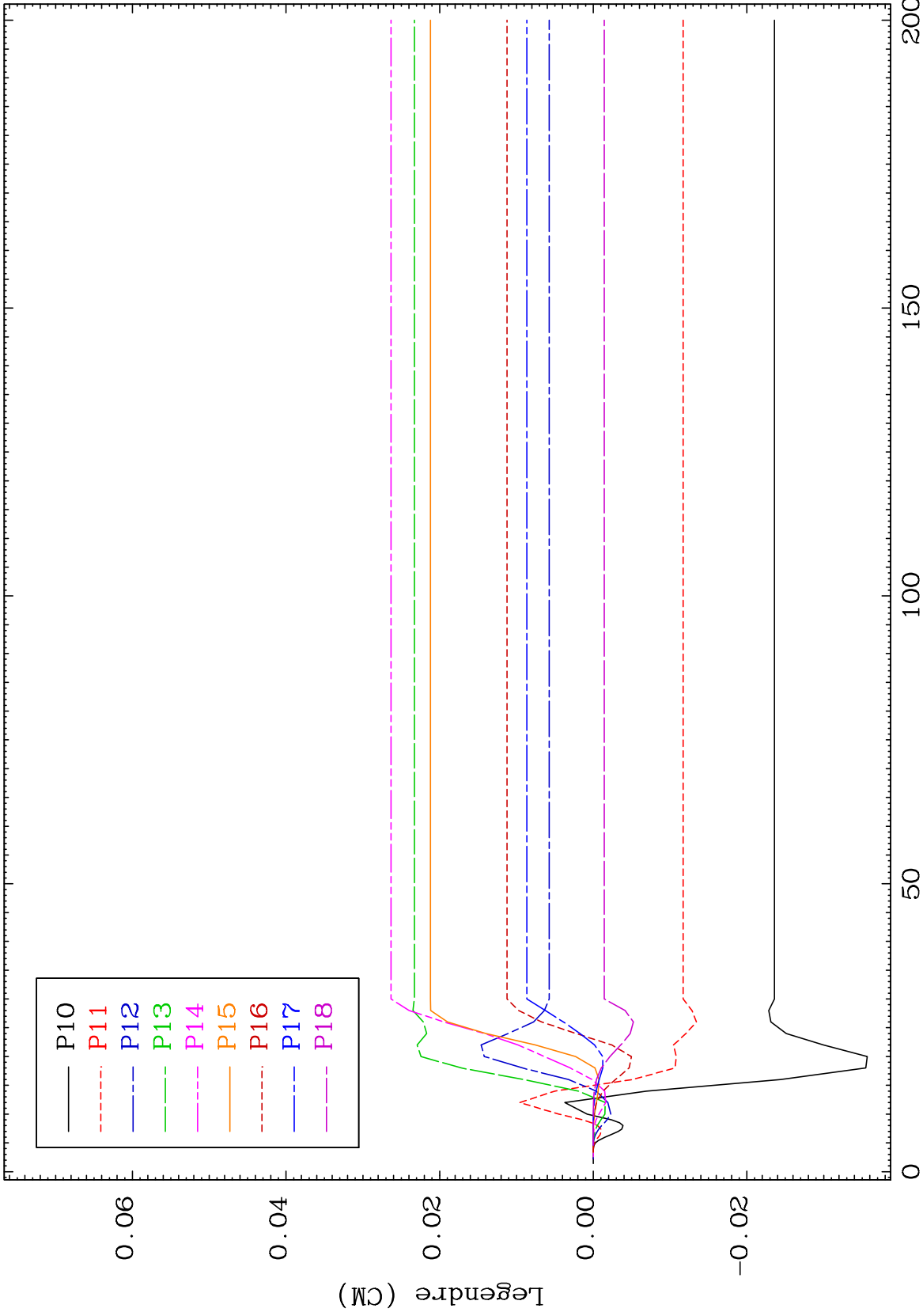
Incident Energy (MeV)

115

MAT 6834

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

68-Er-165



116

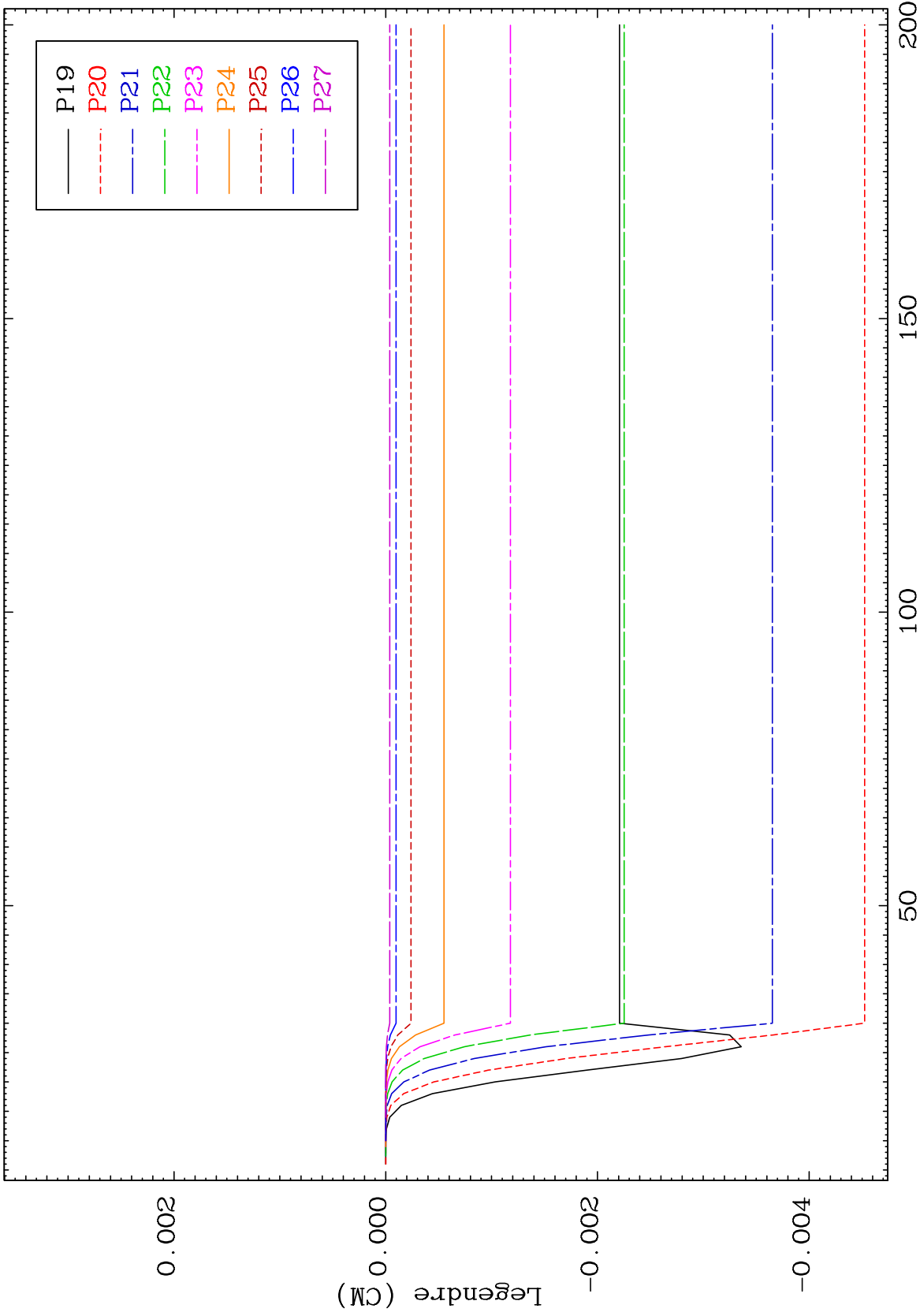
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



117

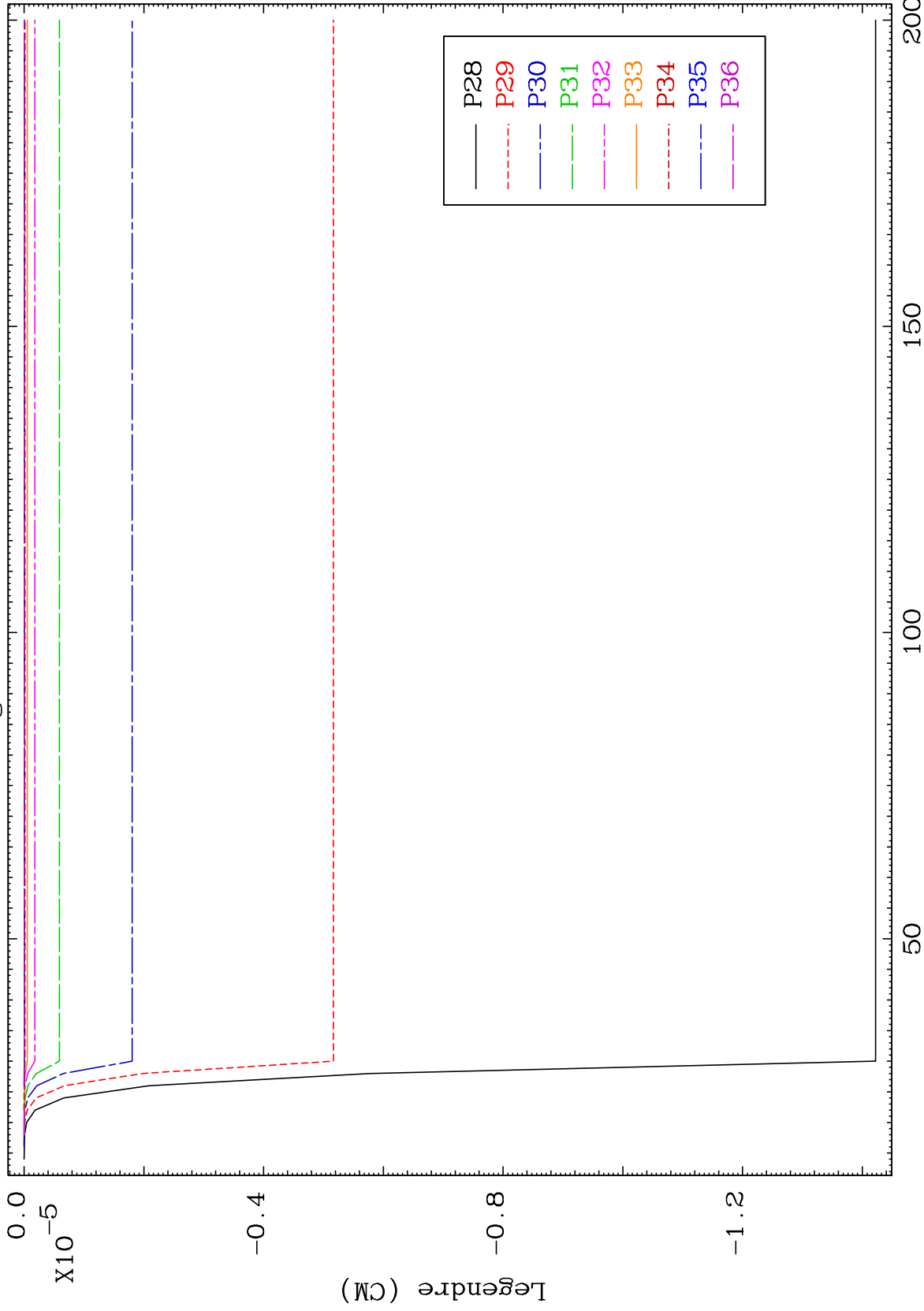
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

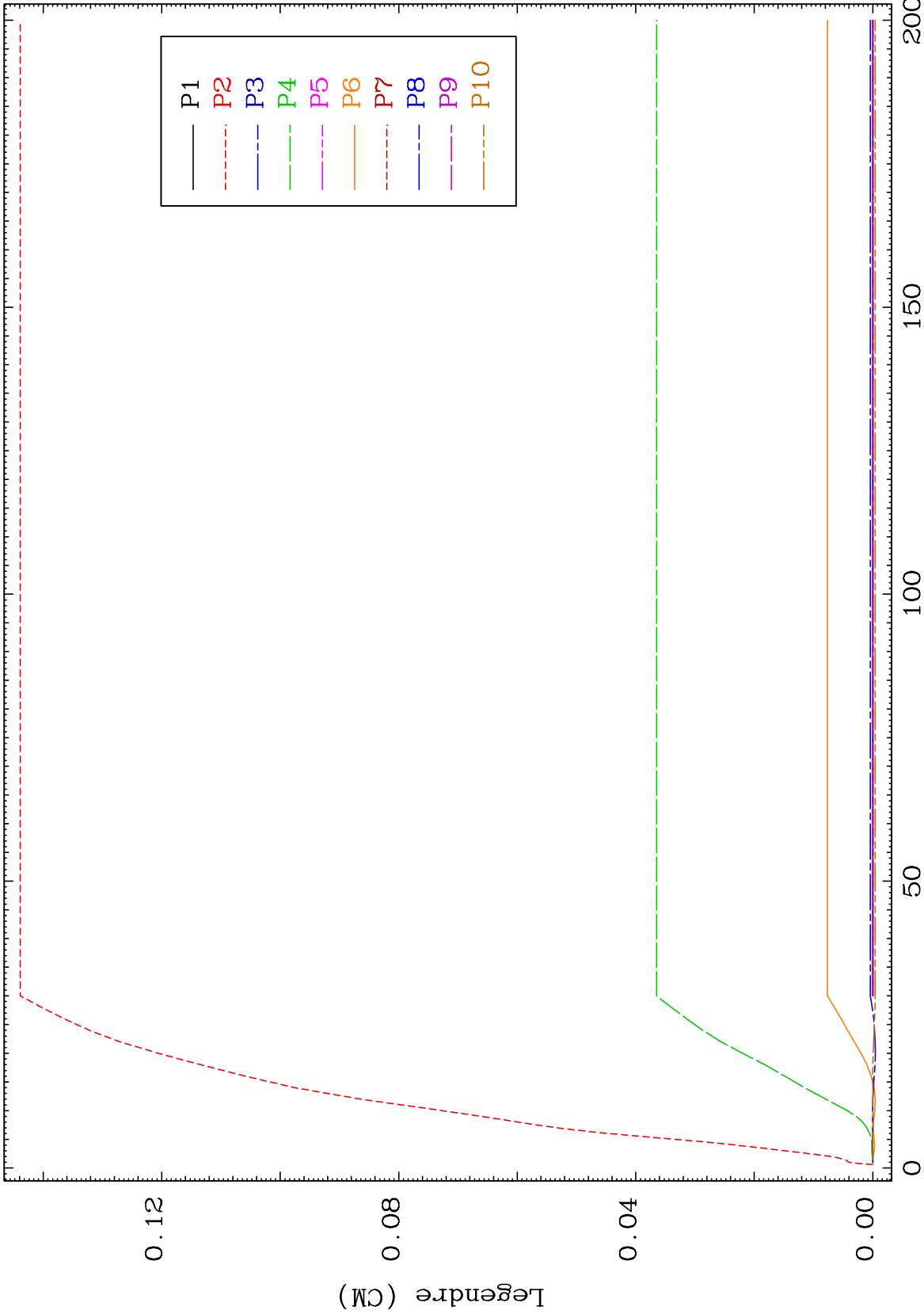
Incident Energy (MeV)

118

MAT 6834

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

68-Er-165



119

Incident Energy (MeV)

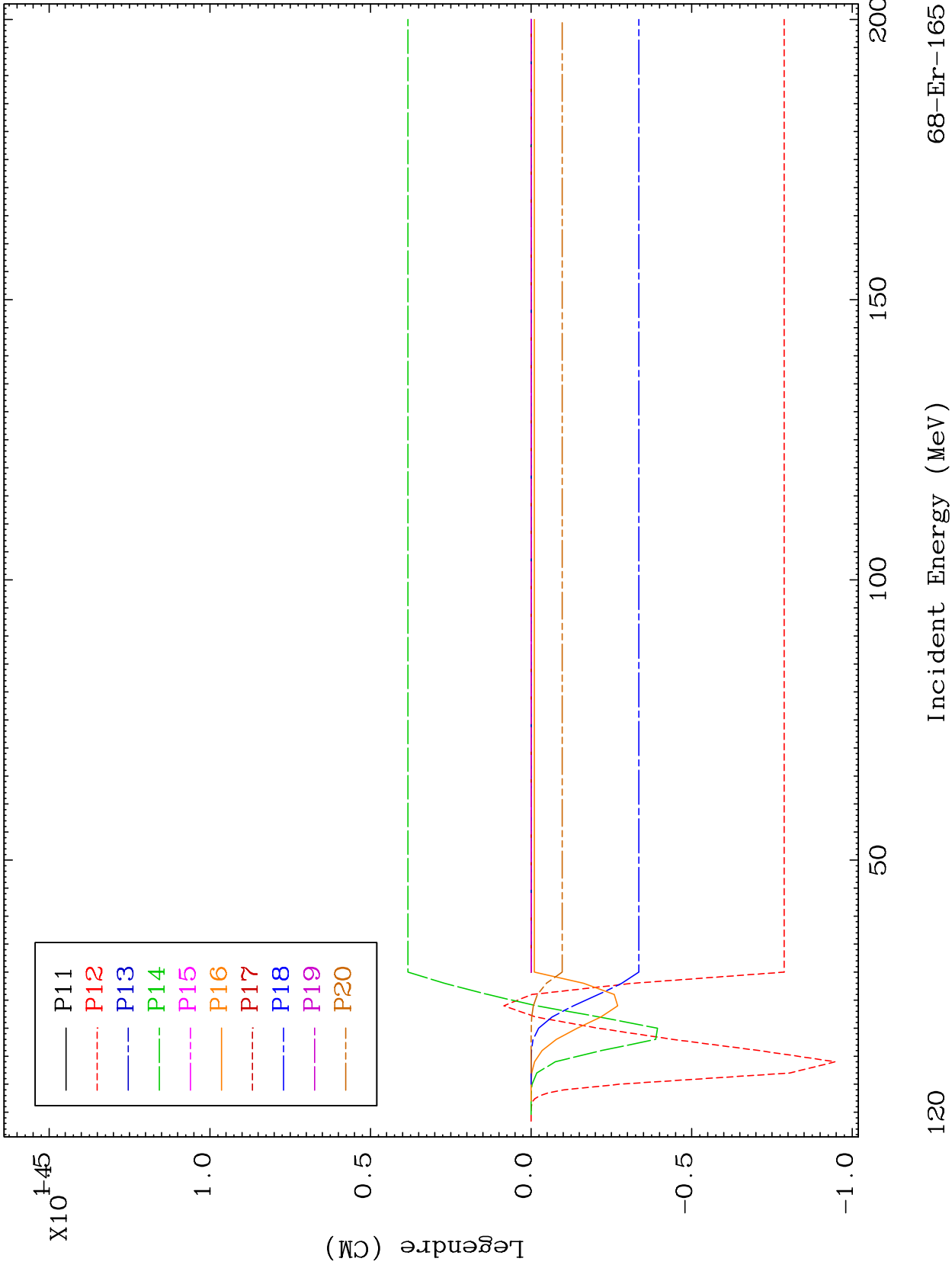
68-Er-165



MAT 6834

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

68-Er-165

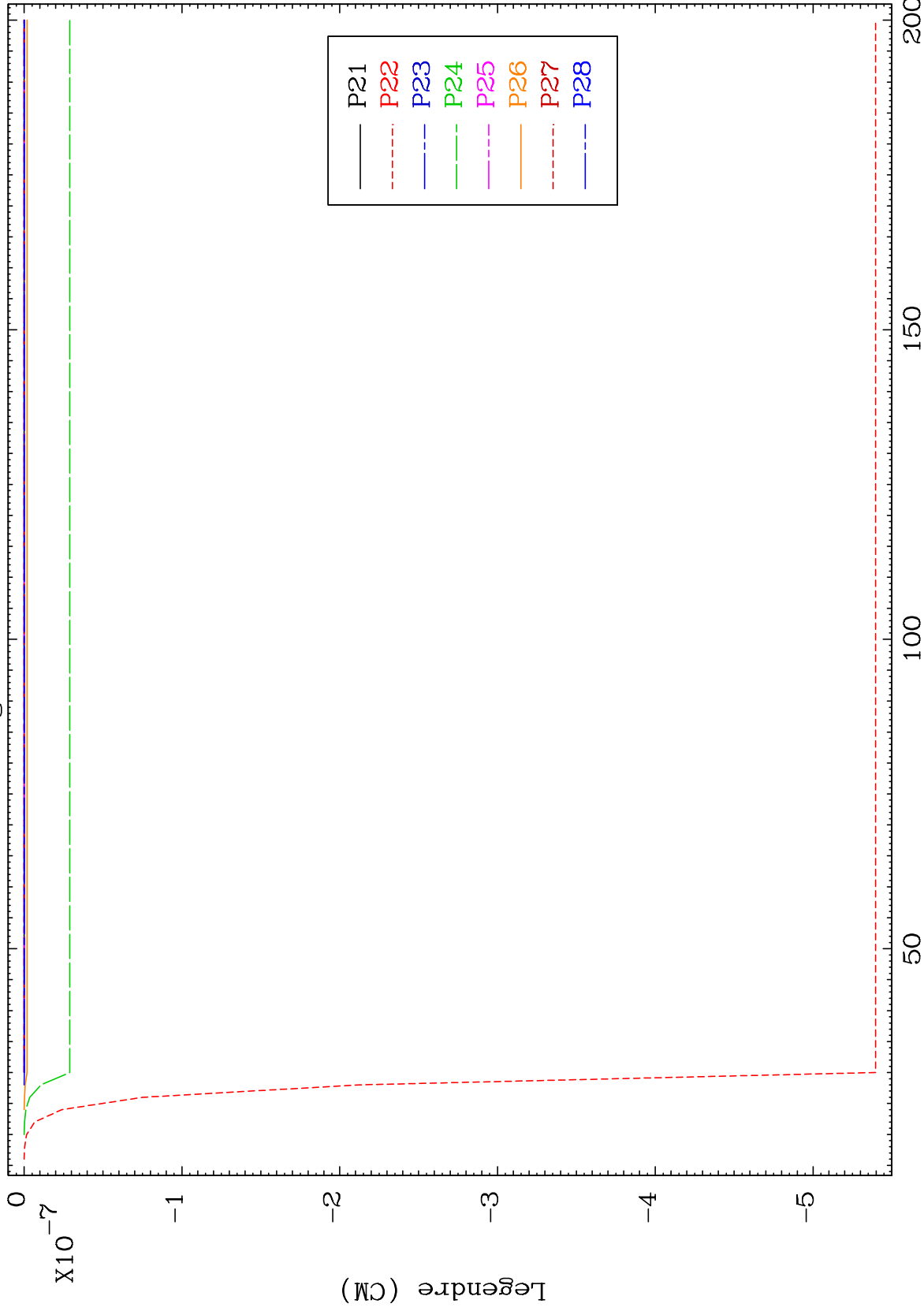


68-Er-165

MAT 6834

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

68-Er-165



121

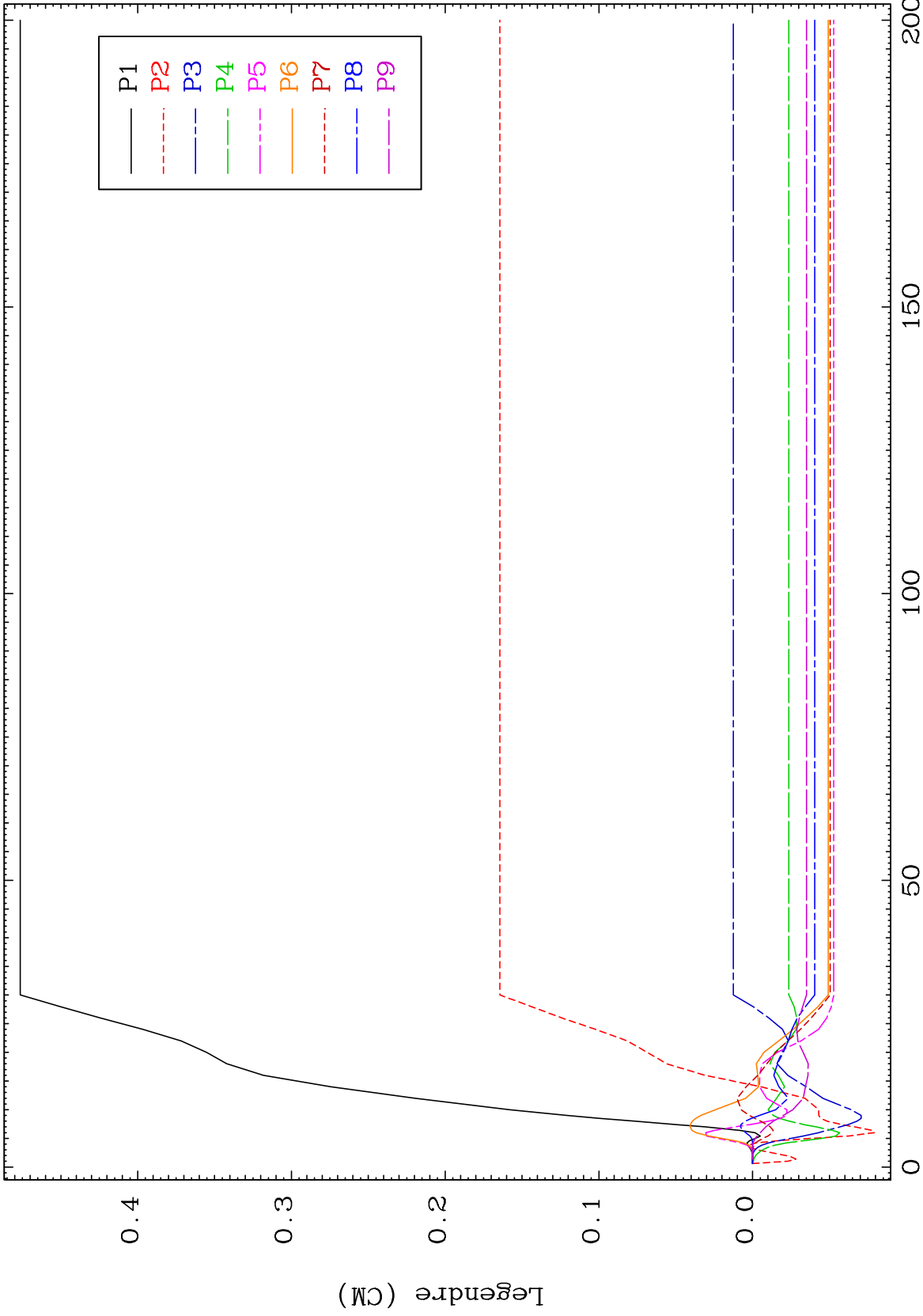
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



122

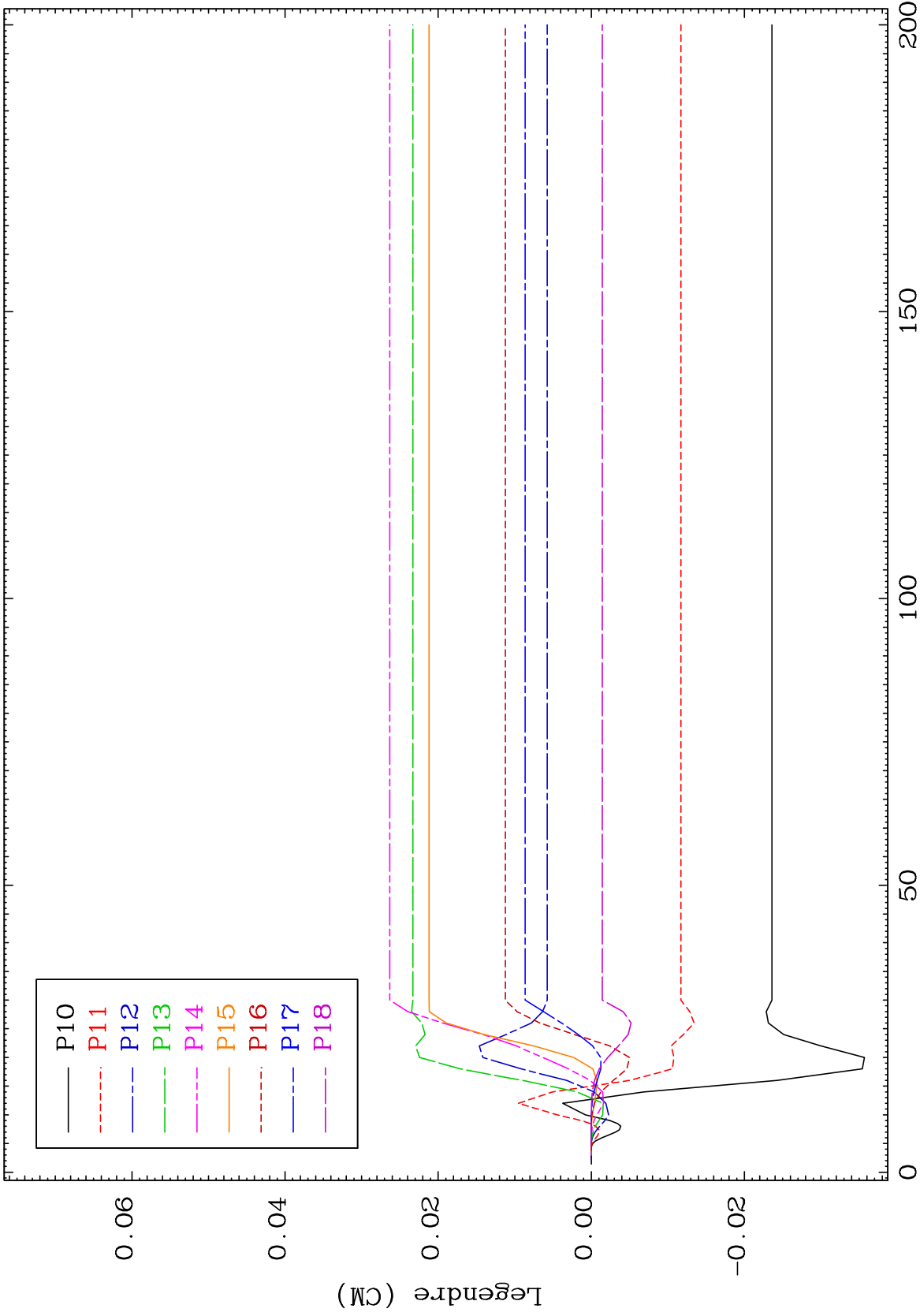
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



123

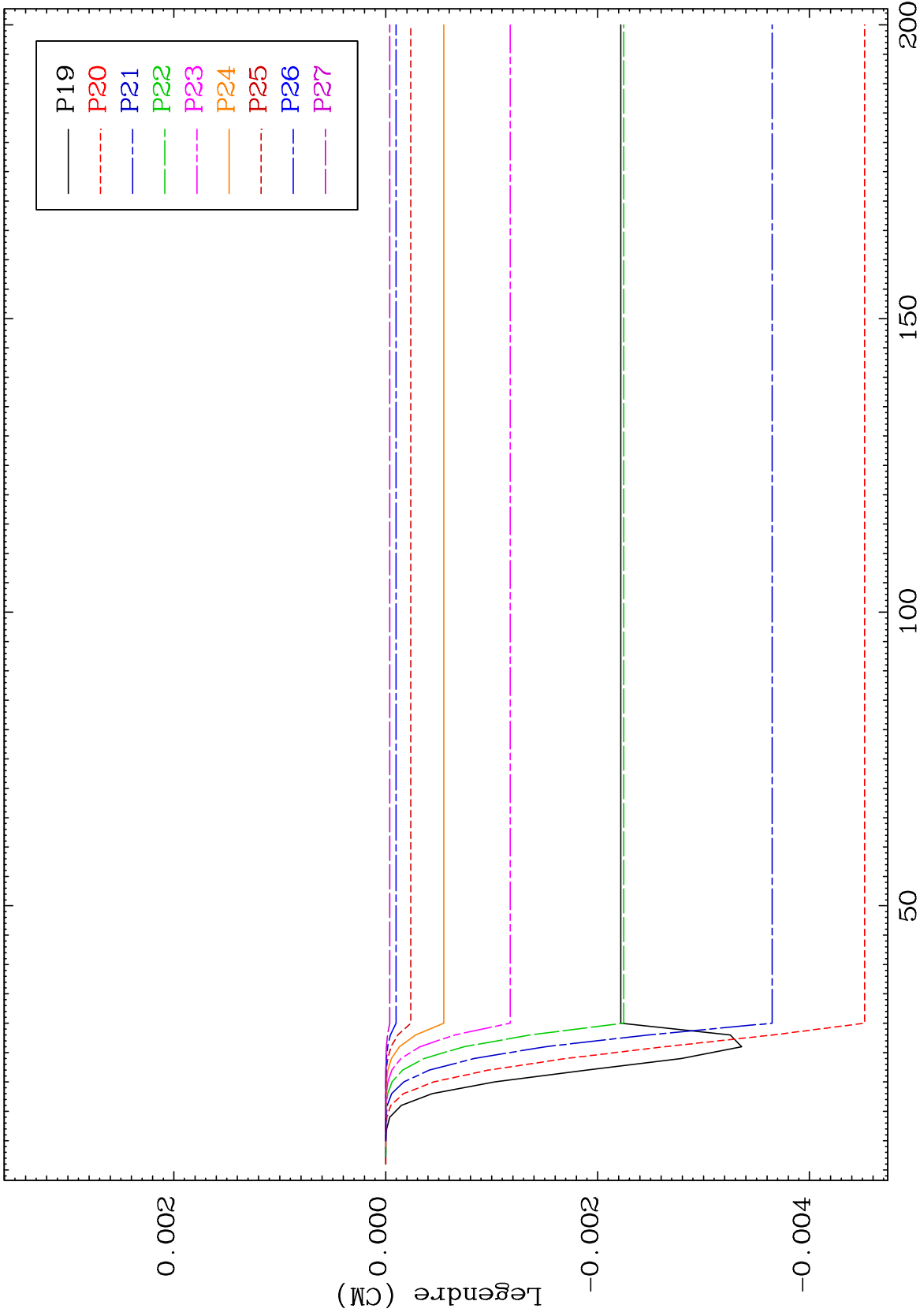
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



124

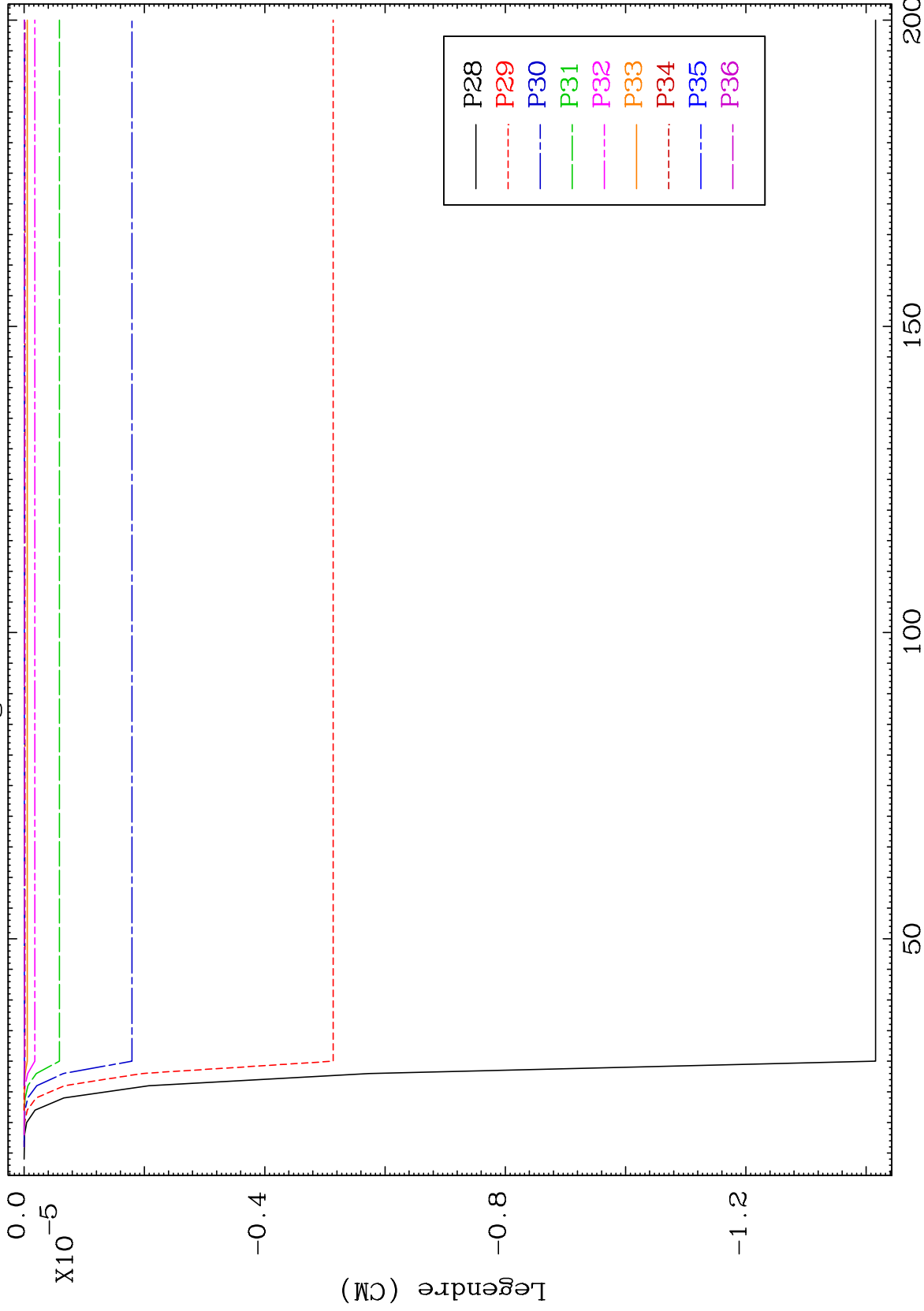
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

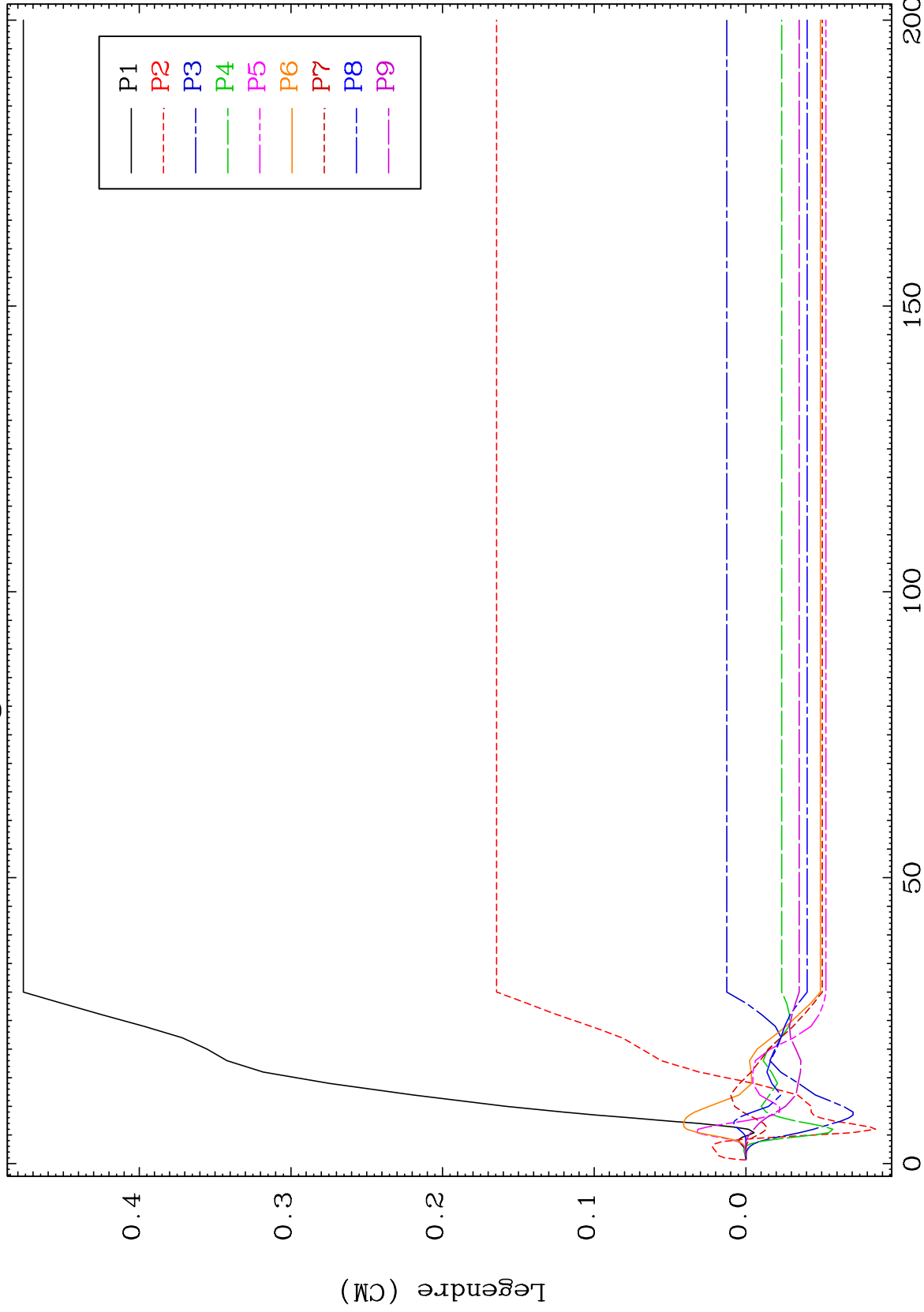
Incident Energy (MeV)

125

MAT 6834

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

68-Er-165



126

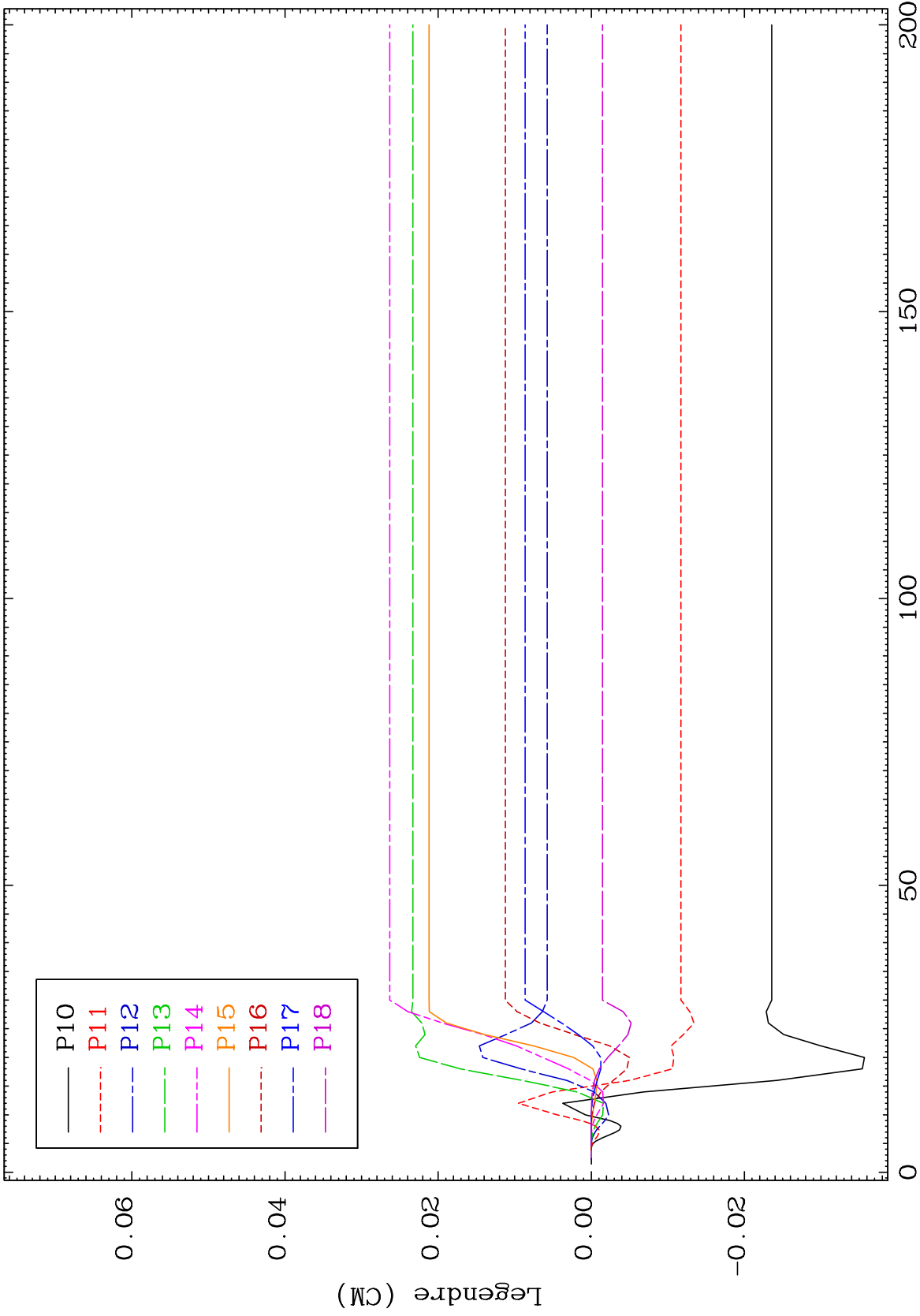
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



127

Incident Energy (MeV)

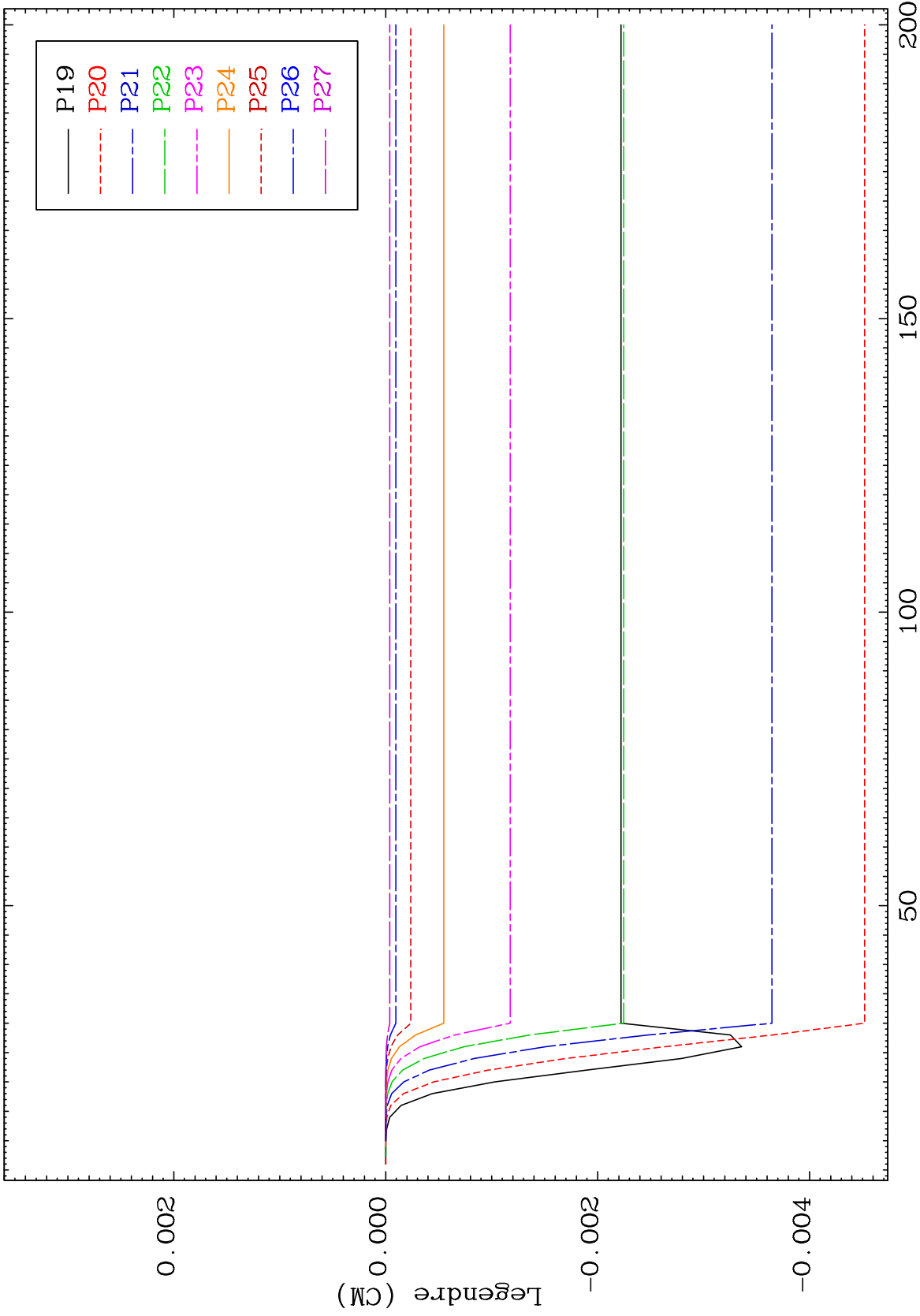
68-Er-165



MAT 6834

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

68-Er-165



128

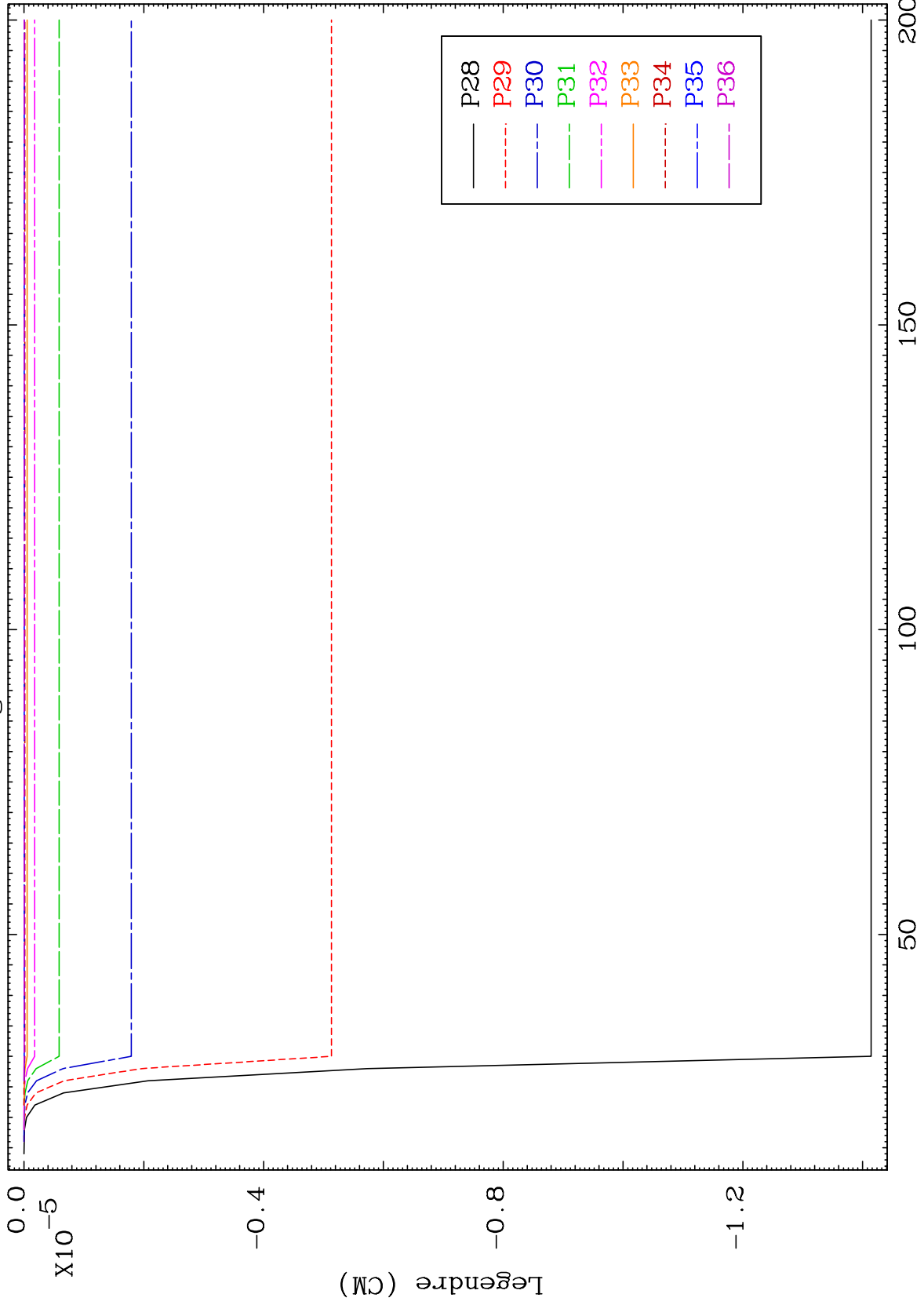
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



68-Er-165

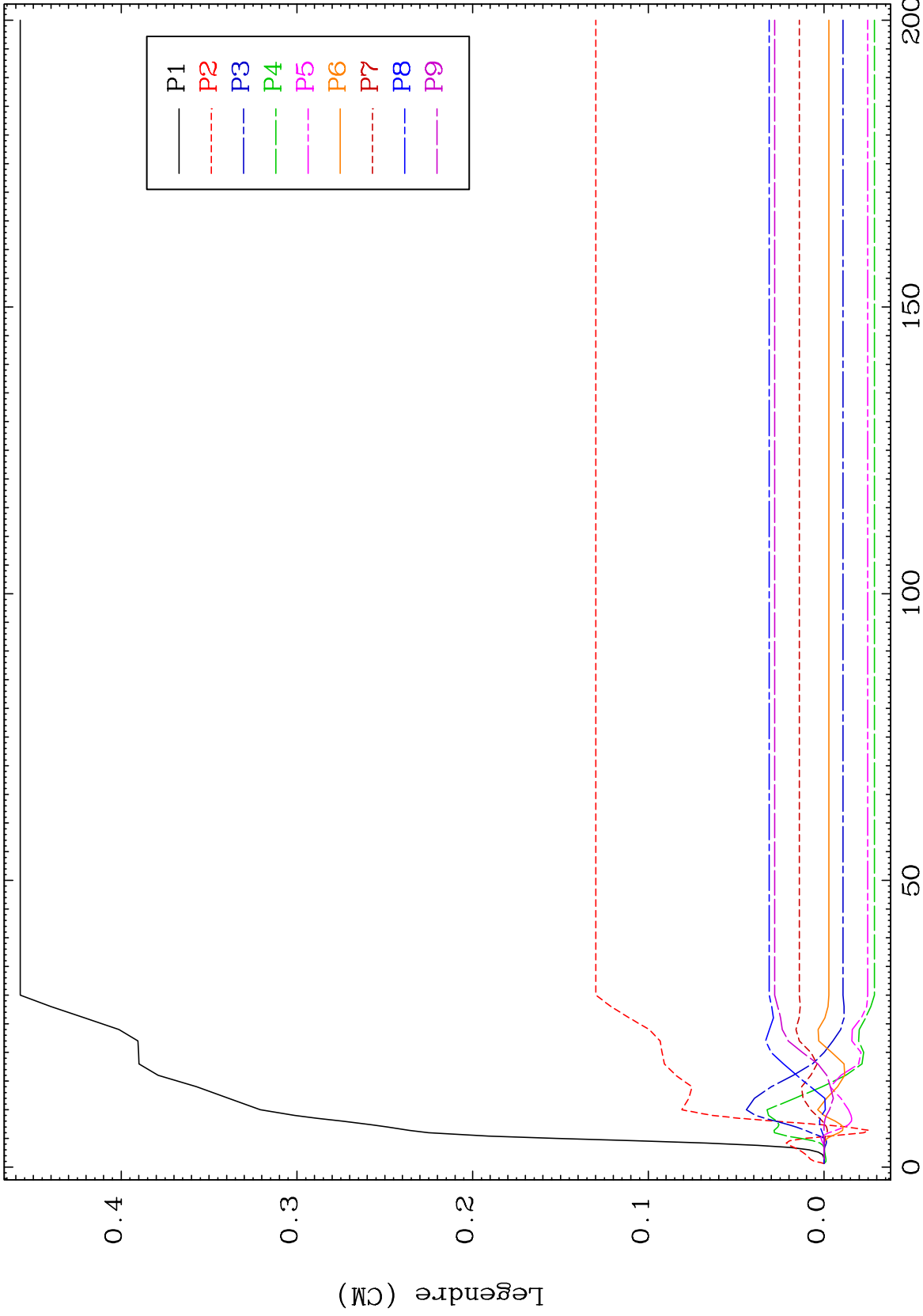
Incident Energy (MeV)

129

MAT 6834

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

68-Er-165



68-Er-165

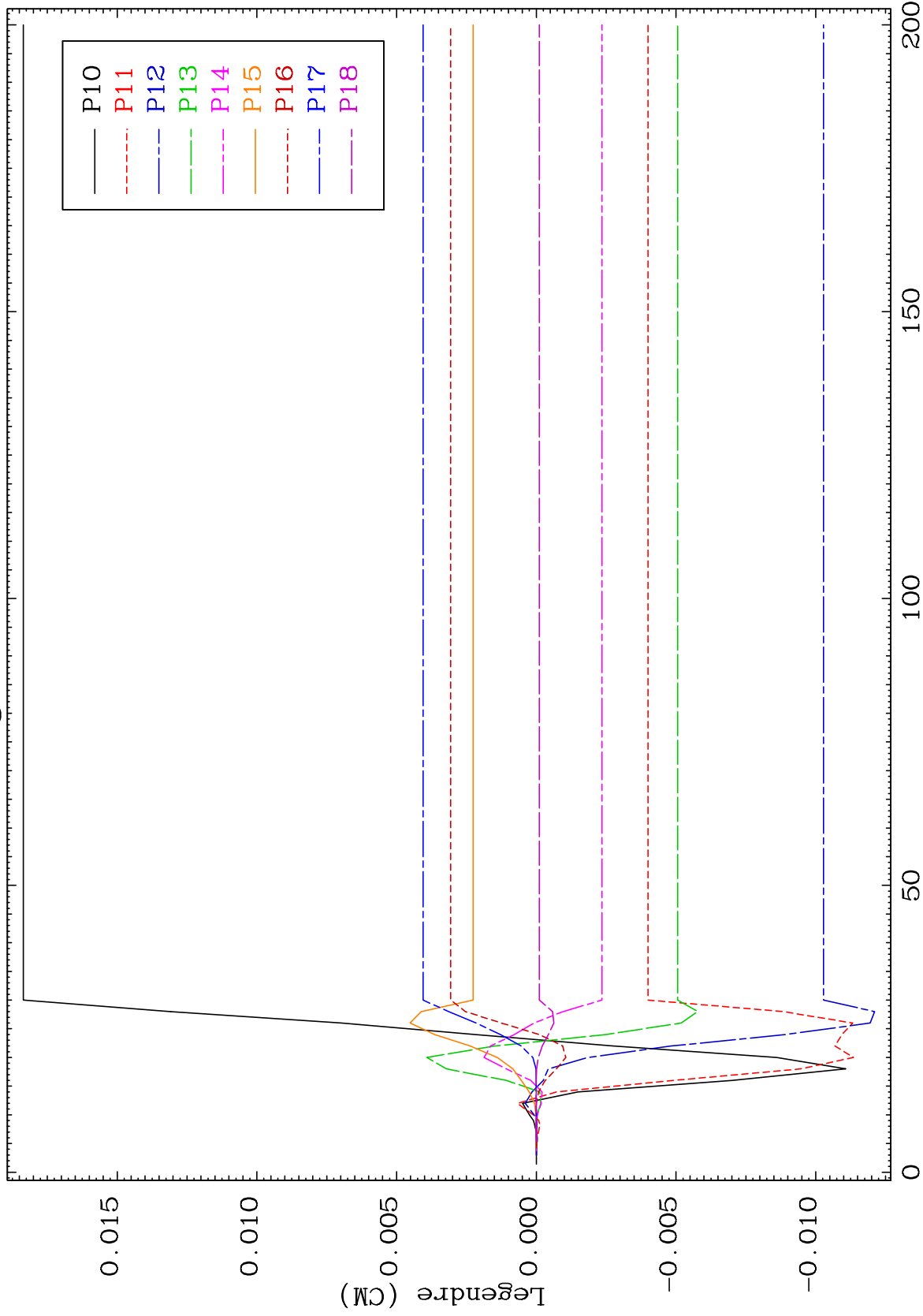
Incident Energy (MeV)

130

MAT 6834

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

68-Er-165



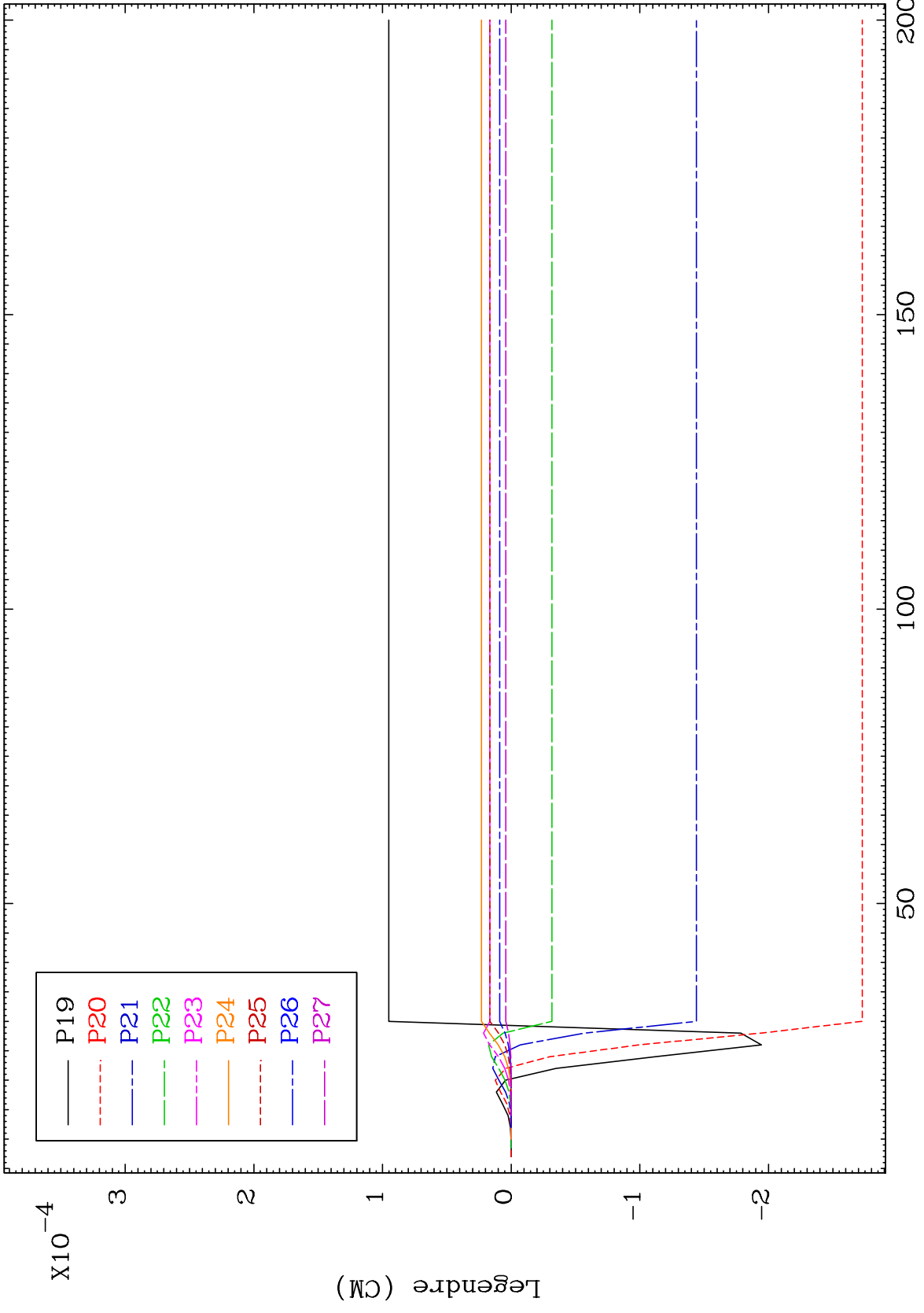
131

68-Er-165

MAT 6834

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

68-Er-165



132

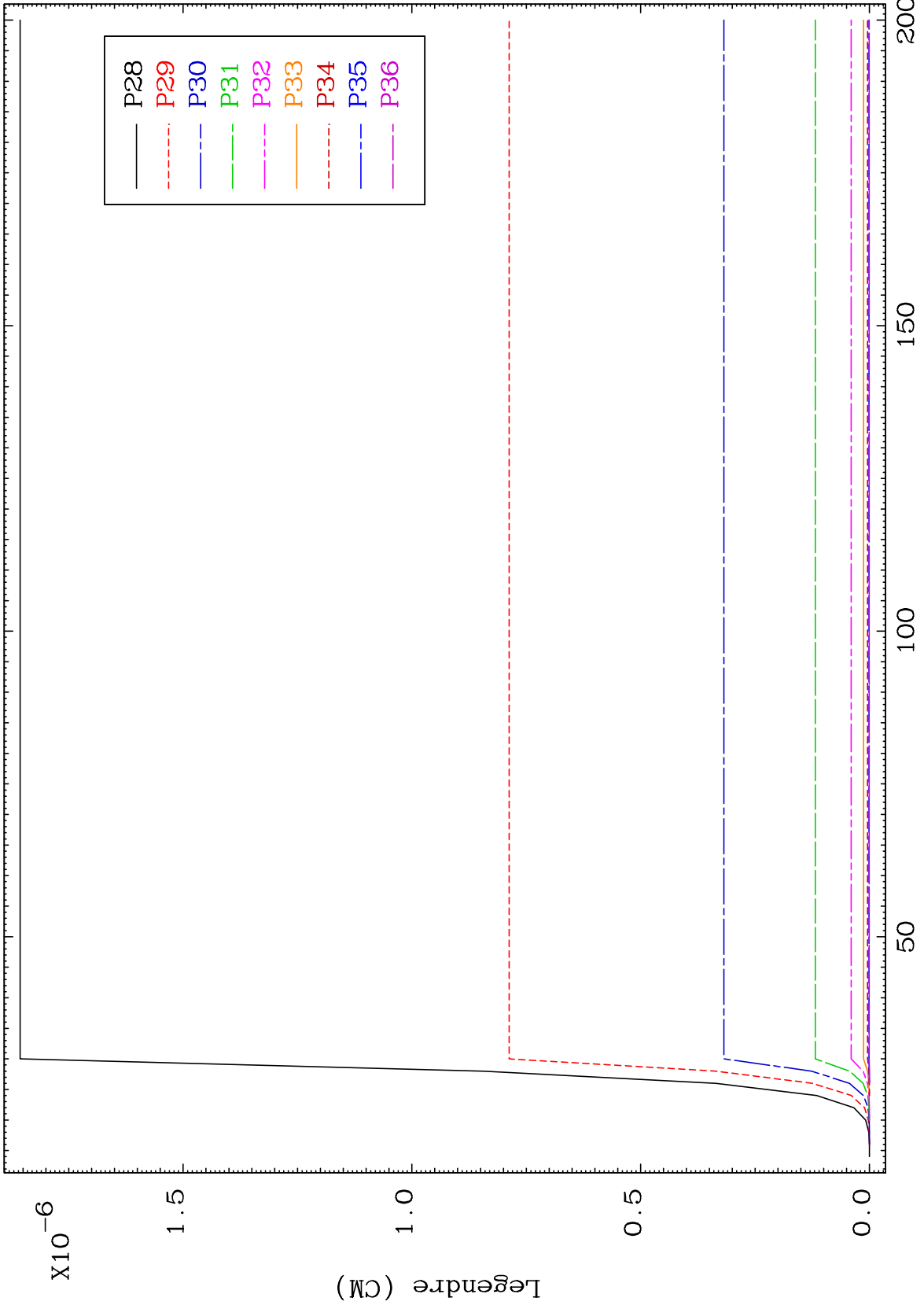
Incident Energy (MeV)

68-Er-165

MAT 6834

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

68-Er-165



133

Incident Energy (MeV)

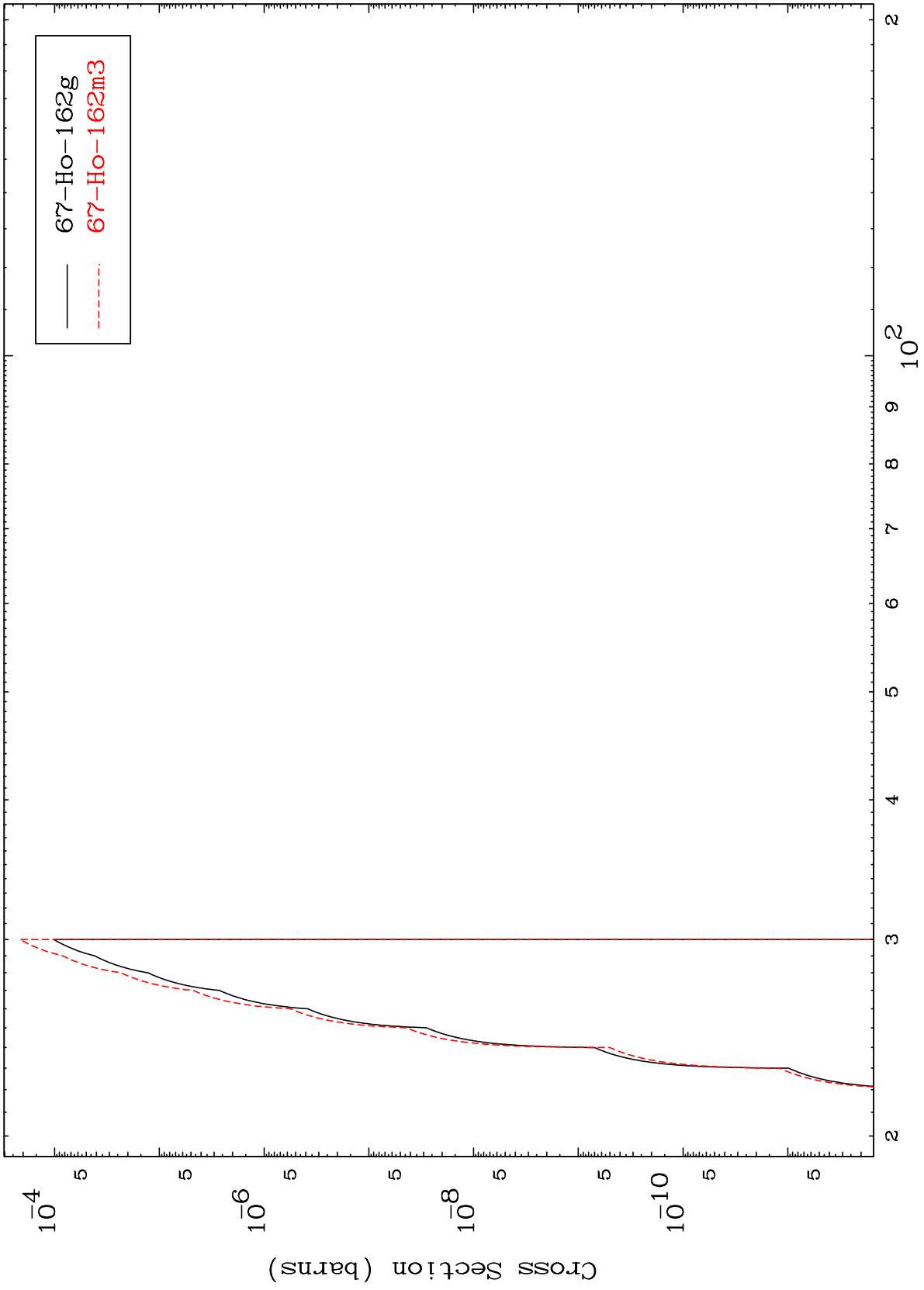
68-Er-165

MAT 6834

(n,2n) d

68-Er-165

Radionuclide Production Cross Section



134

Incident Energy (MeV)

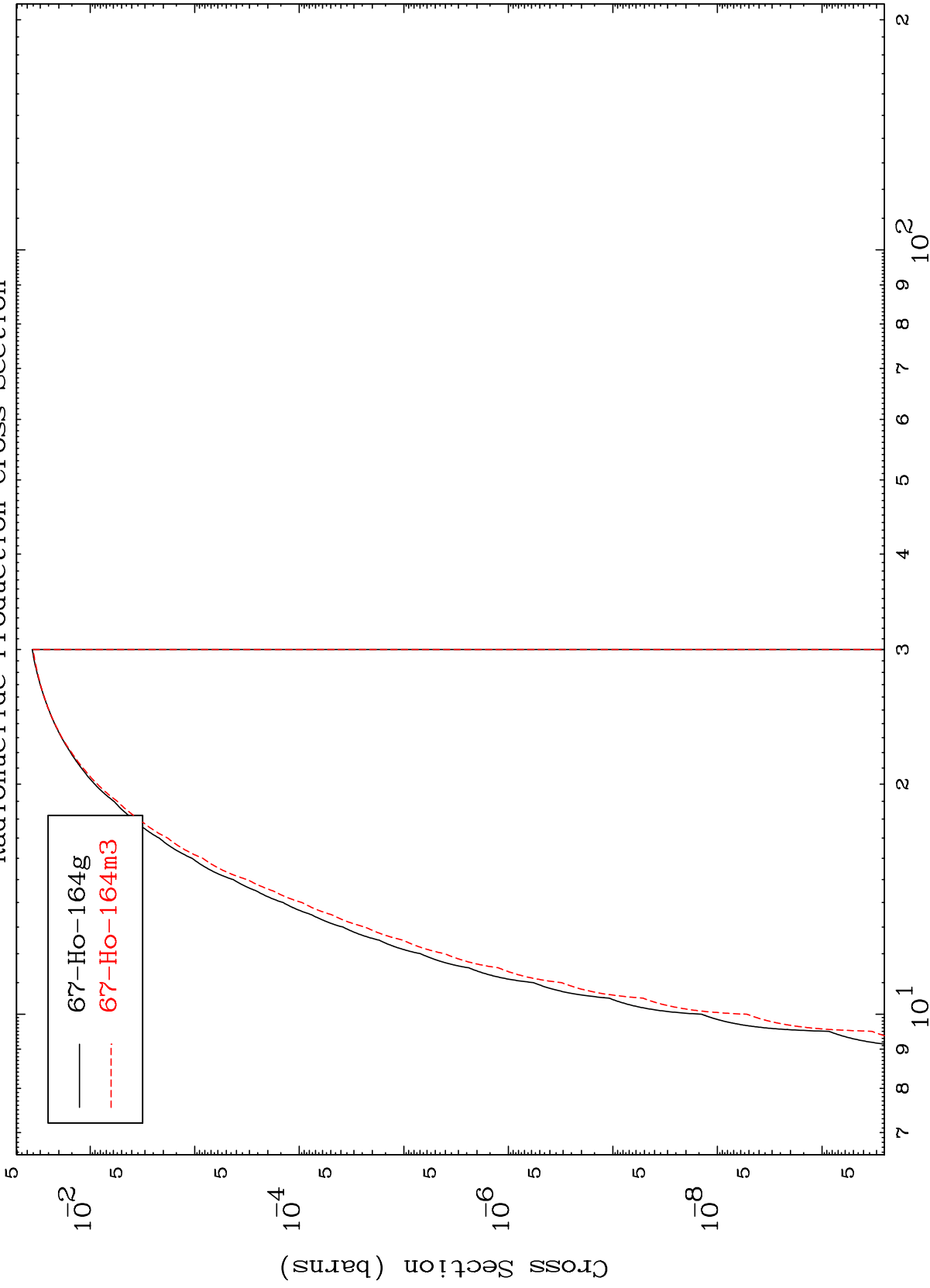
68-Er-165

MAT 6834

(n,n') p

68-Er-165

Radionuclide Production Cross Section



135

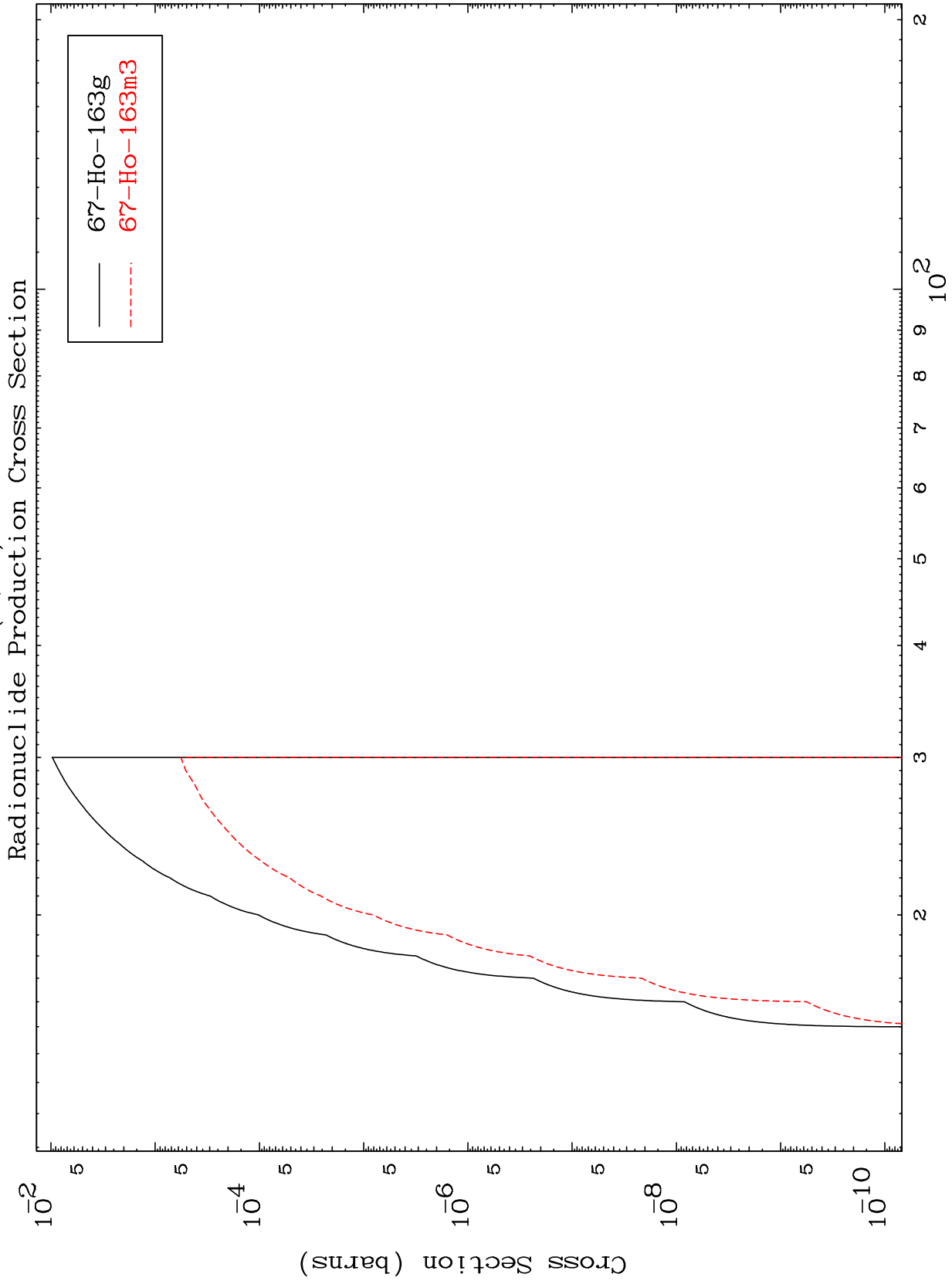
68-Er-165



MAT 6834

(n, n') d

68-Er-165



136

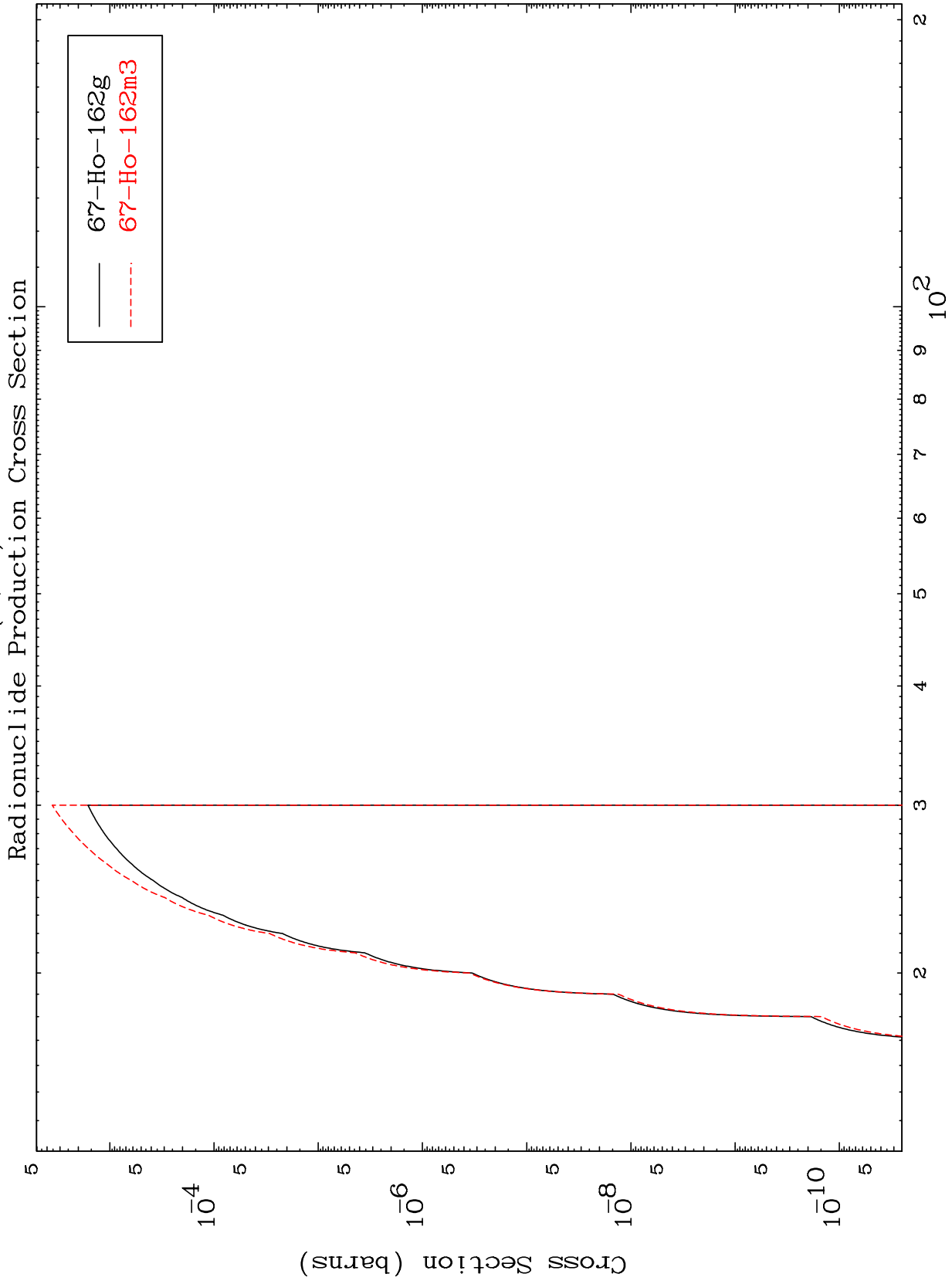
Incident Energy (MeV)

68-Er-165

MAT 6834

(n,n') t

68-Er-165



137

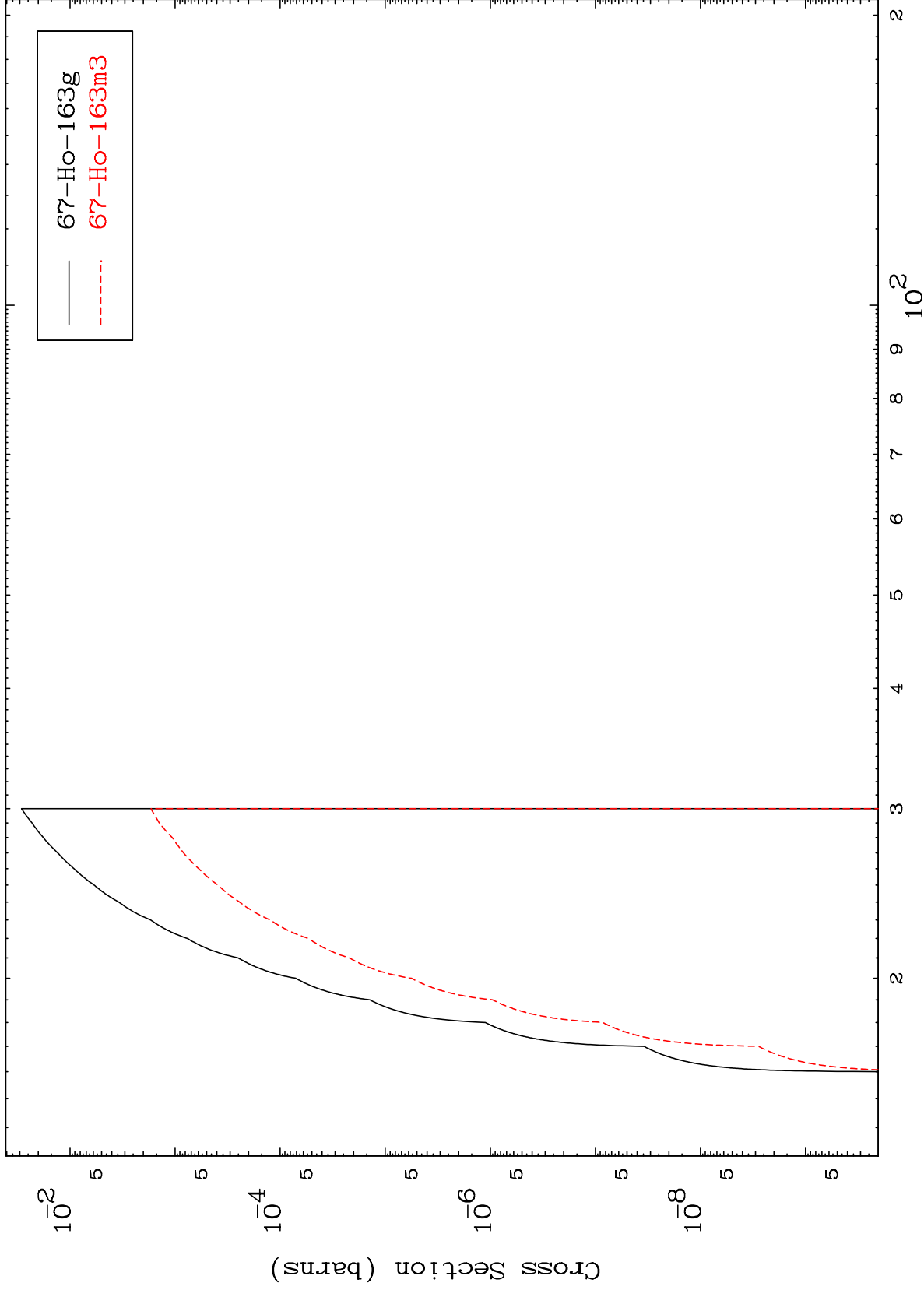
68-Er-165

MAT 6834

(n,2n) p

68-Er-165

Radionuclide Production Cross Section



138

Incident Energy (MeV)

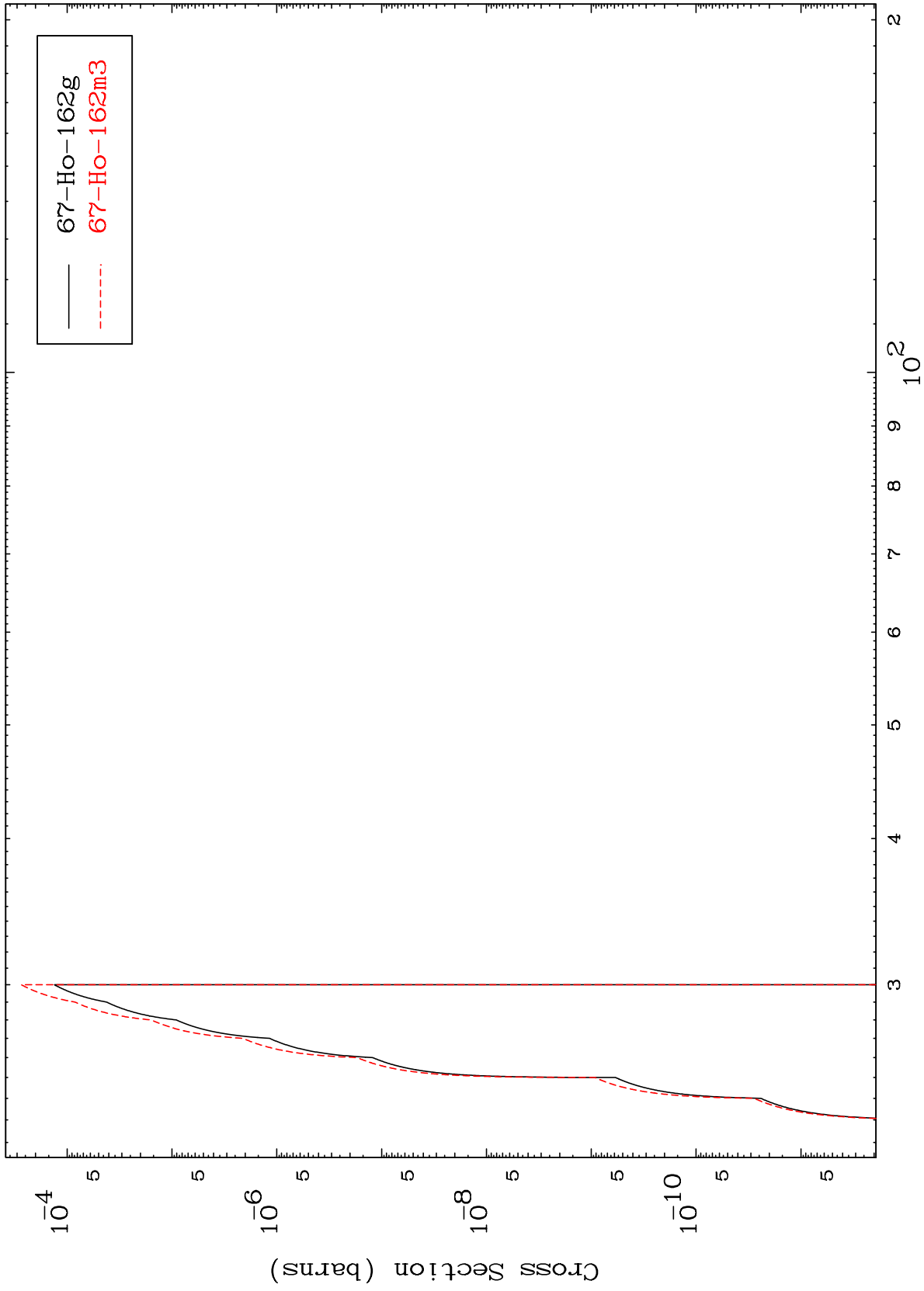
68-Er-165

MAT 6834

(n,3n) p

68-Er-165

Radionuclide Production Cross Section



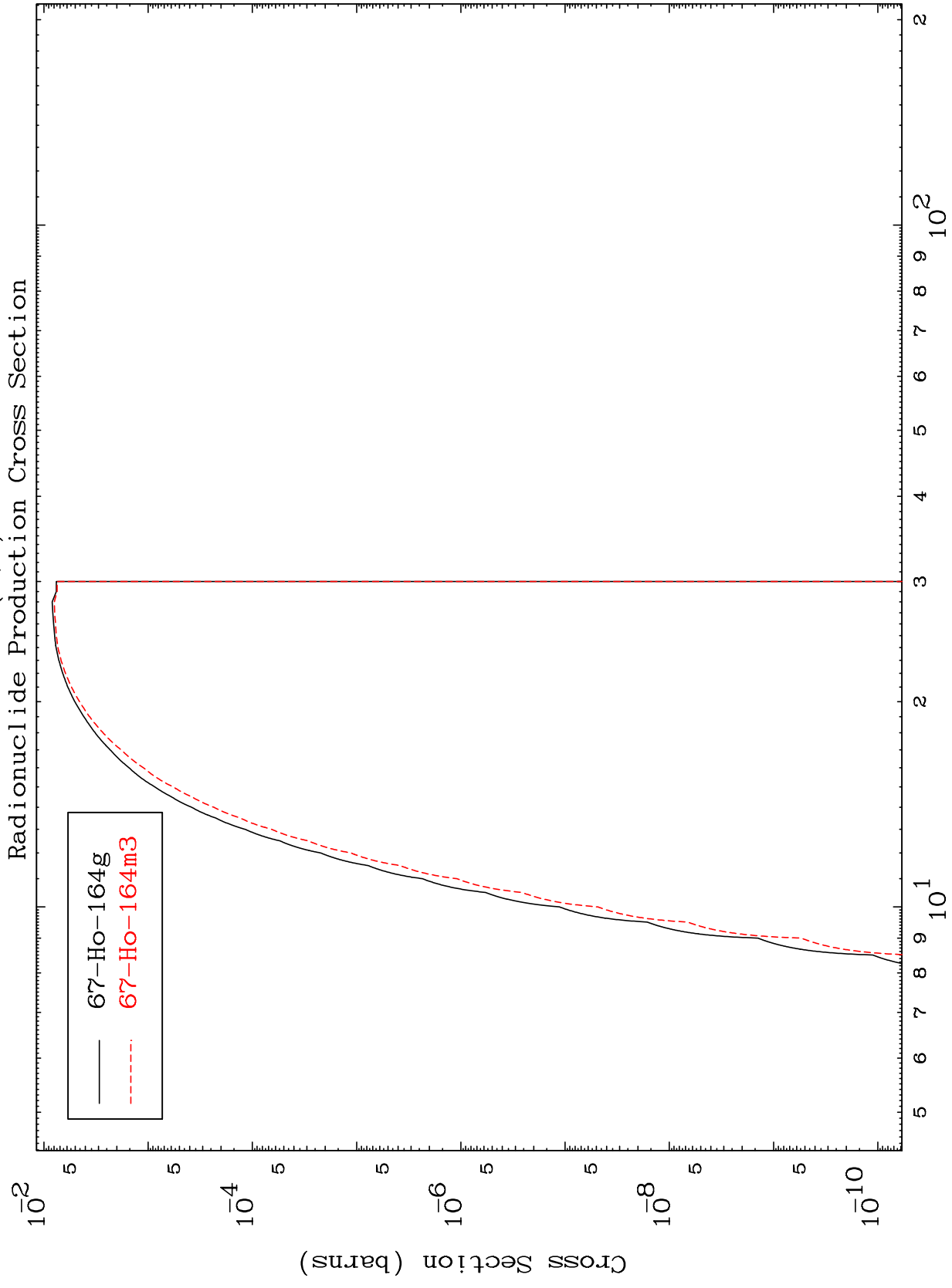
139

Incident Energy (MeV)

68-Er-165

MAT 6834

68-Er-165



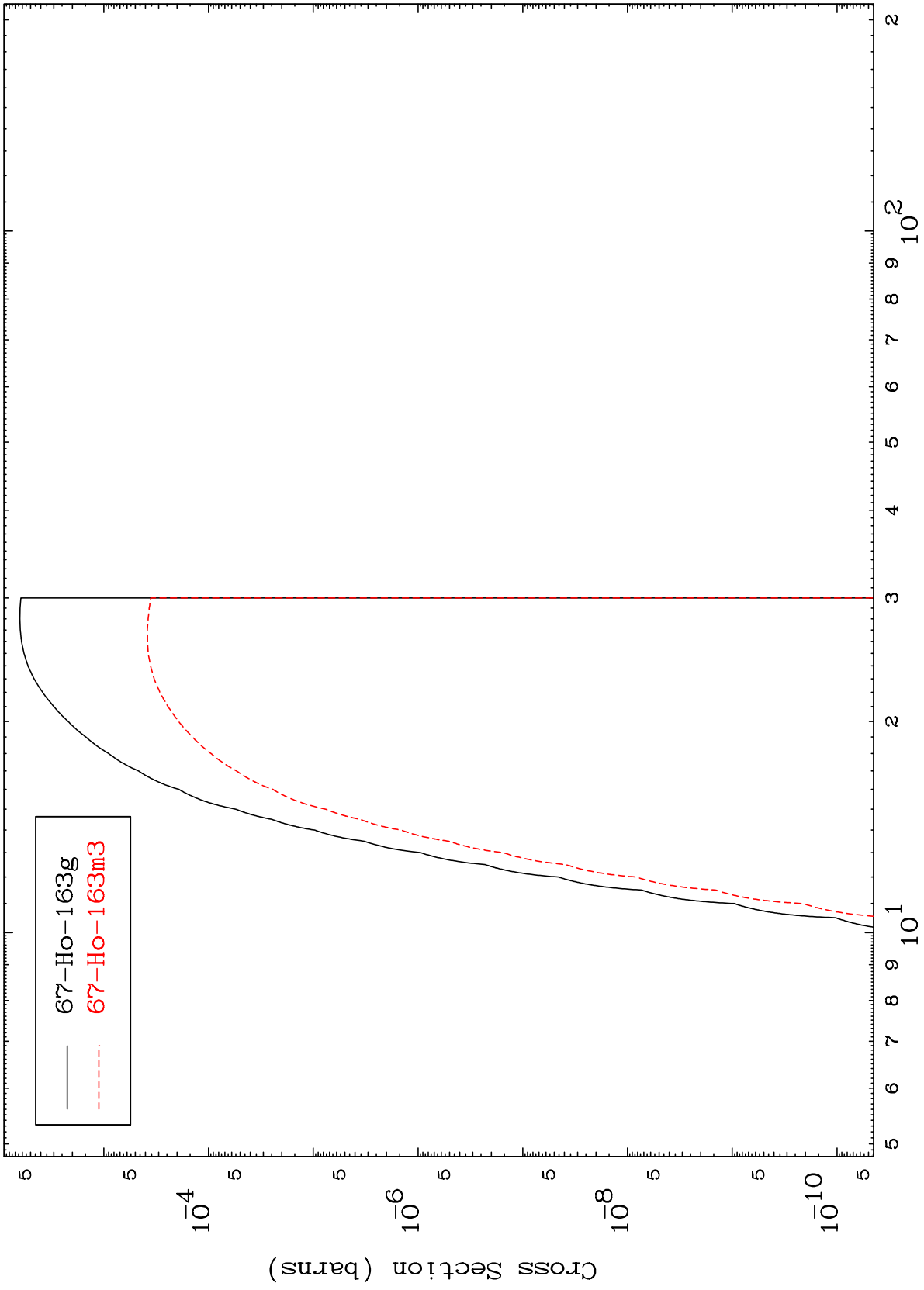
140

68-Er-165

MAT 6834

Radionuclide Production Cross Section  
(n, t)

68-Er-165



141

Incident Energy (MeV)

68-Er-165