

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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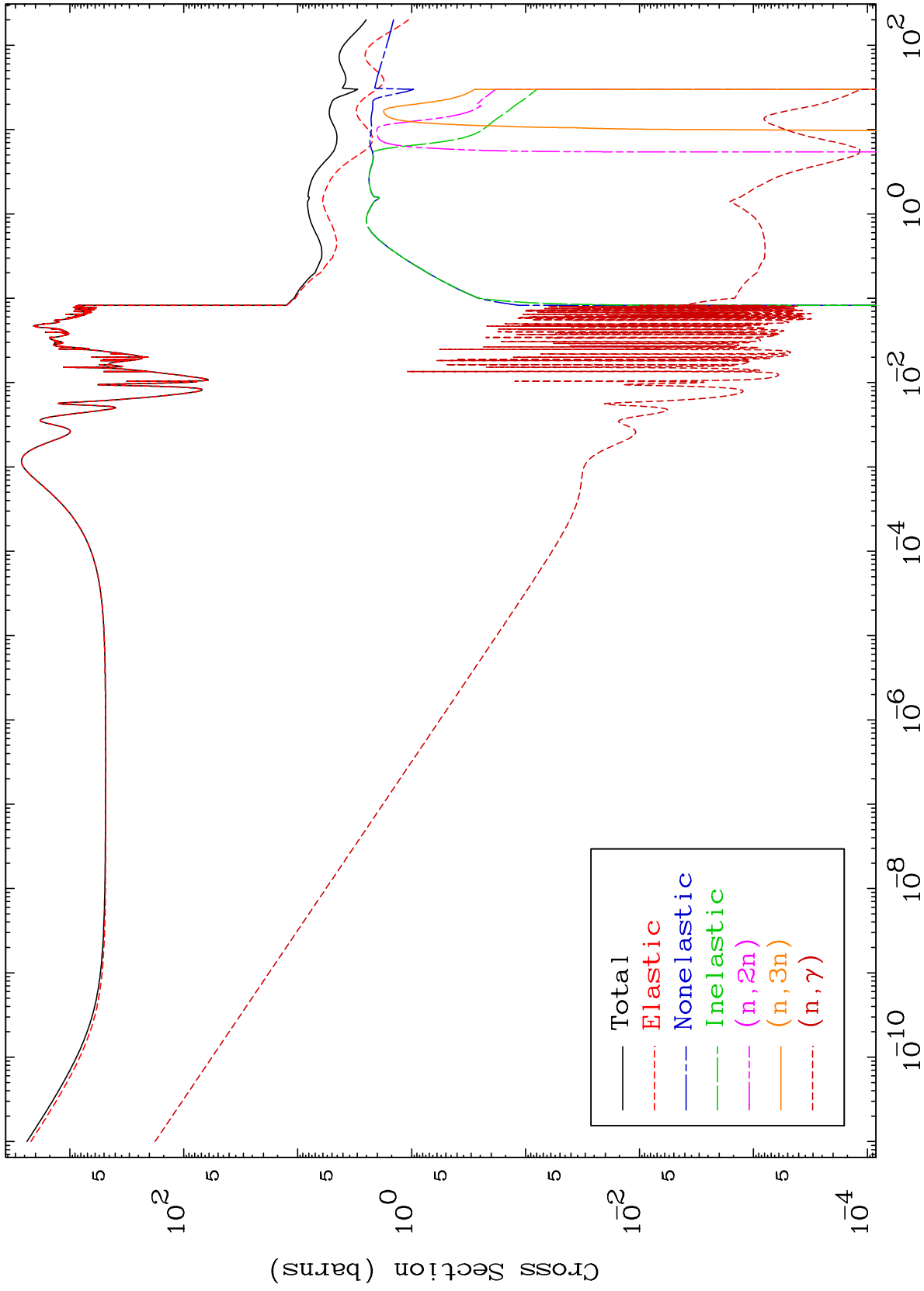
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6285

Neutron Major
293 Kelvin Cross Sections

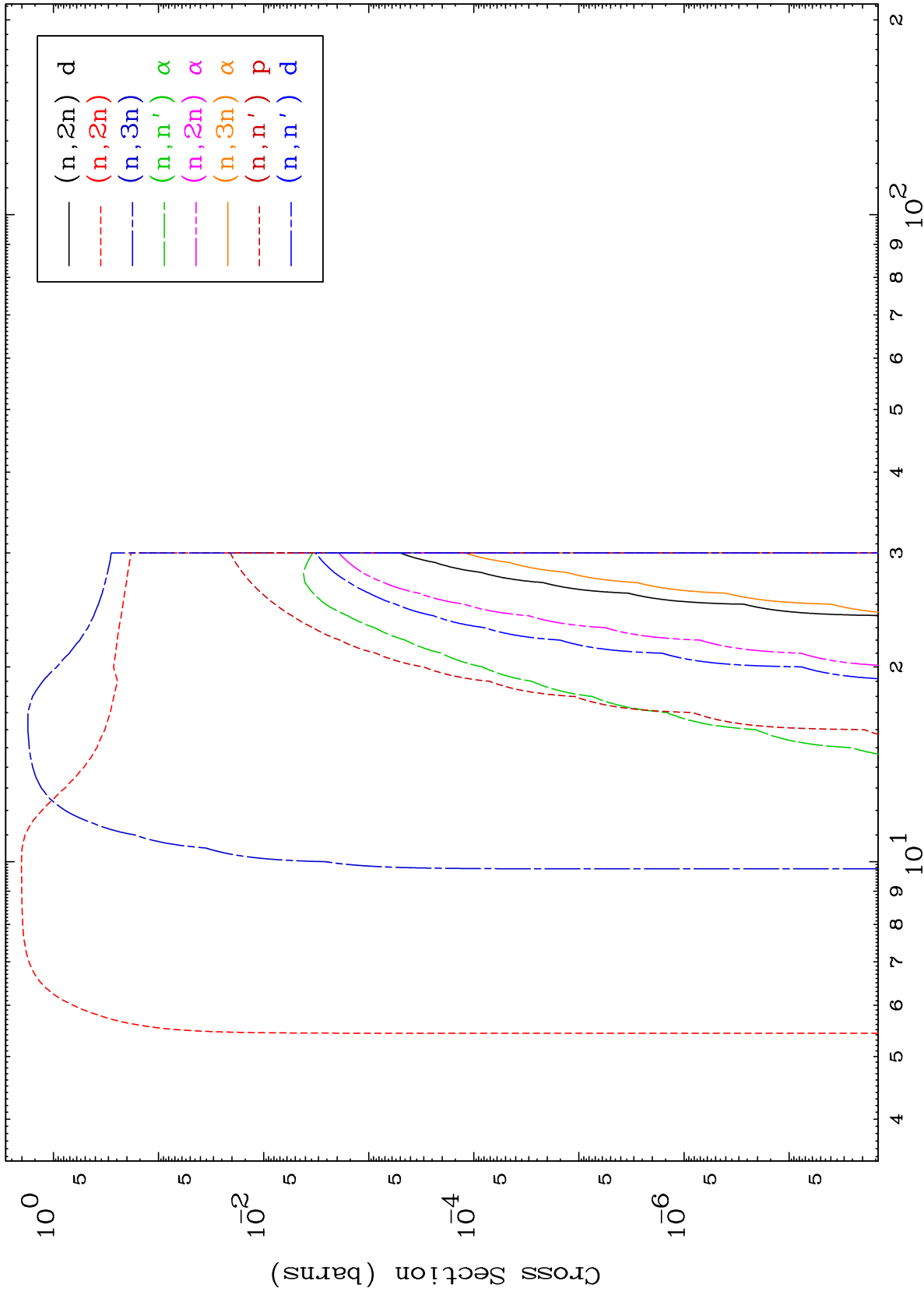
62-Sm-164



MAT 6285

Neutron Absorption 293 Kelvin Cross Sections

62-Sm-164



2

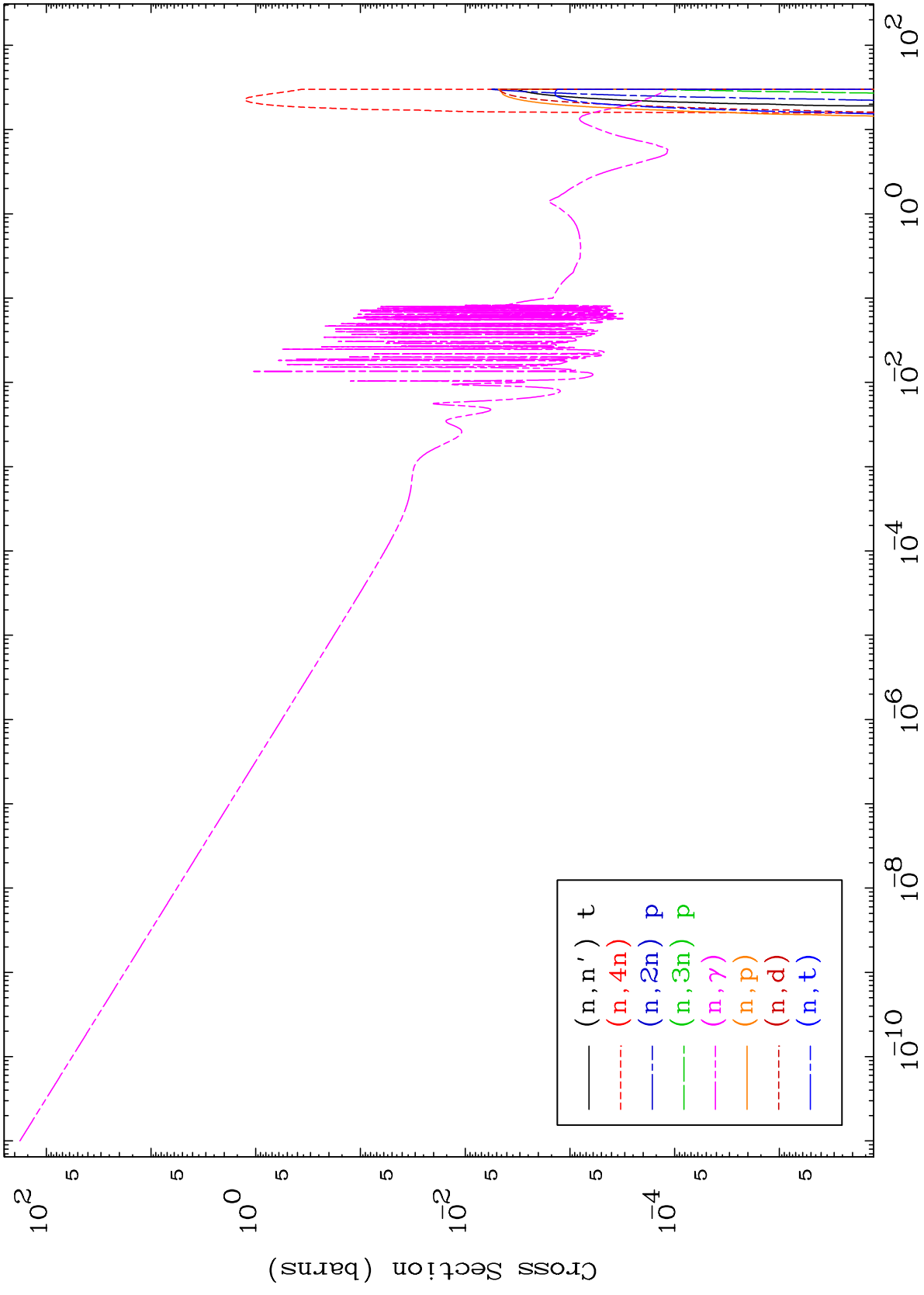
Incident Energy (MeV)

62-Sm-164

MAT 6285

Neutron Absorption
293 Kelvin Cross Sections

62-Sm-164

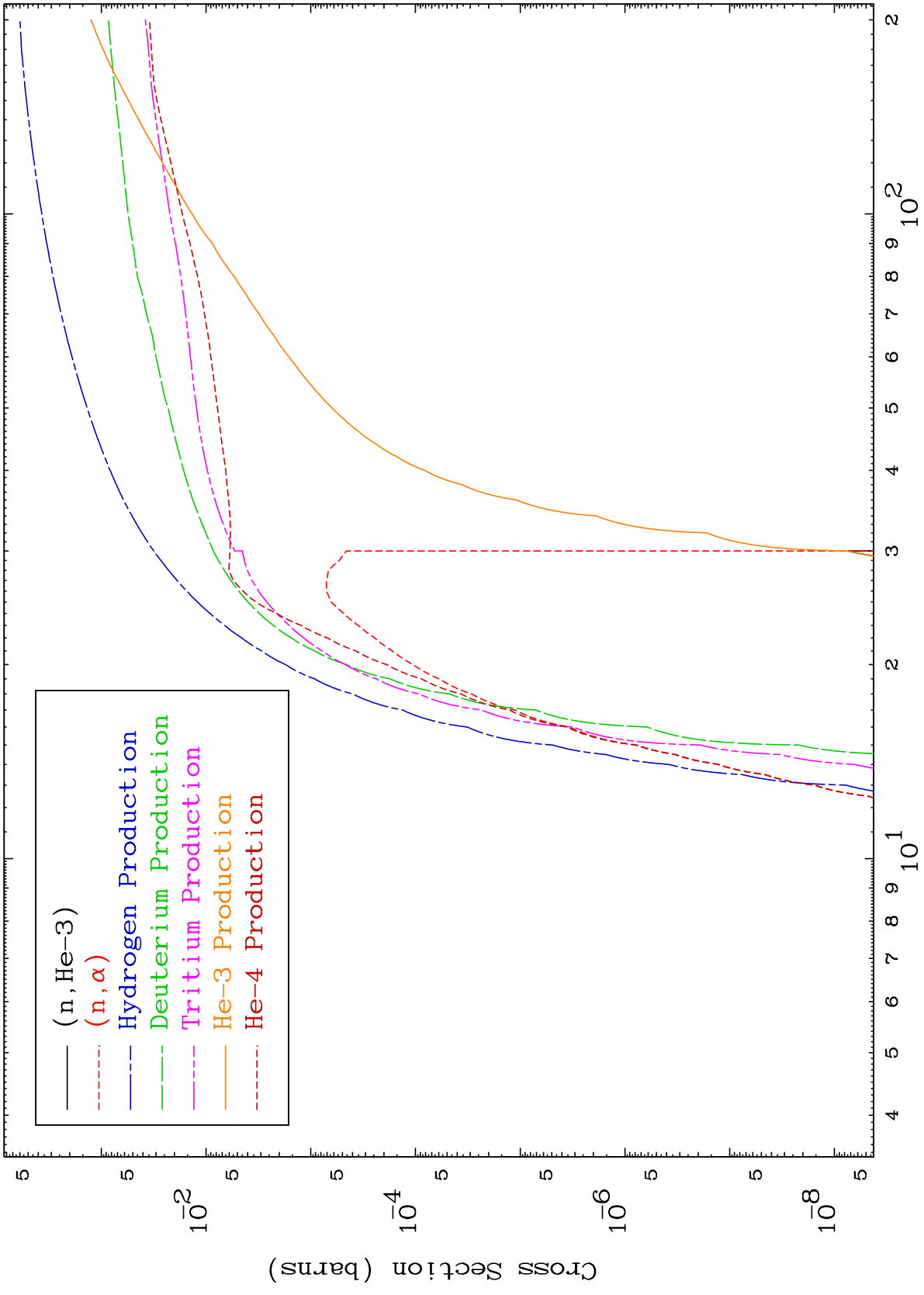


62-Sm-164

MAT 6285

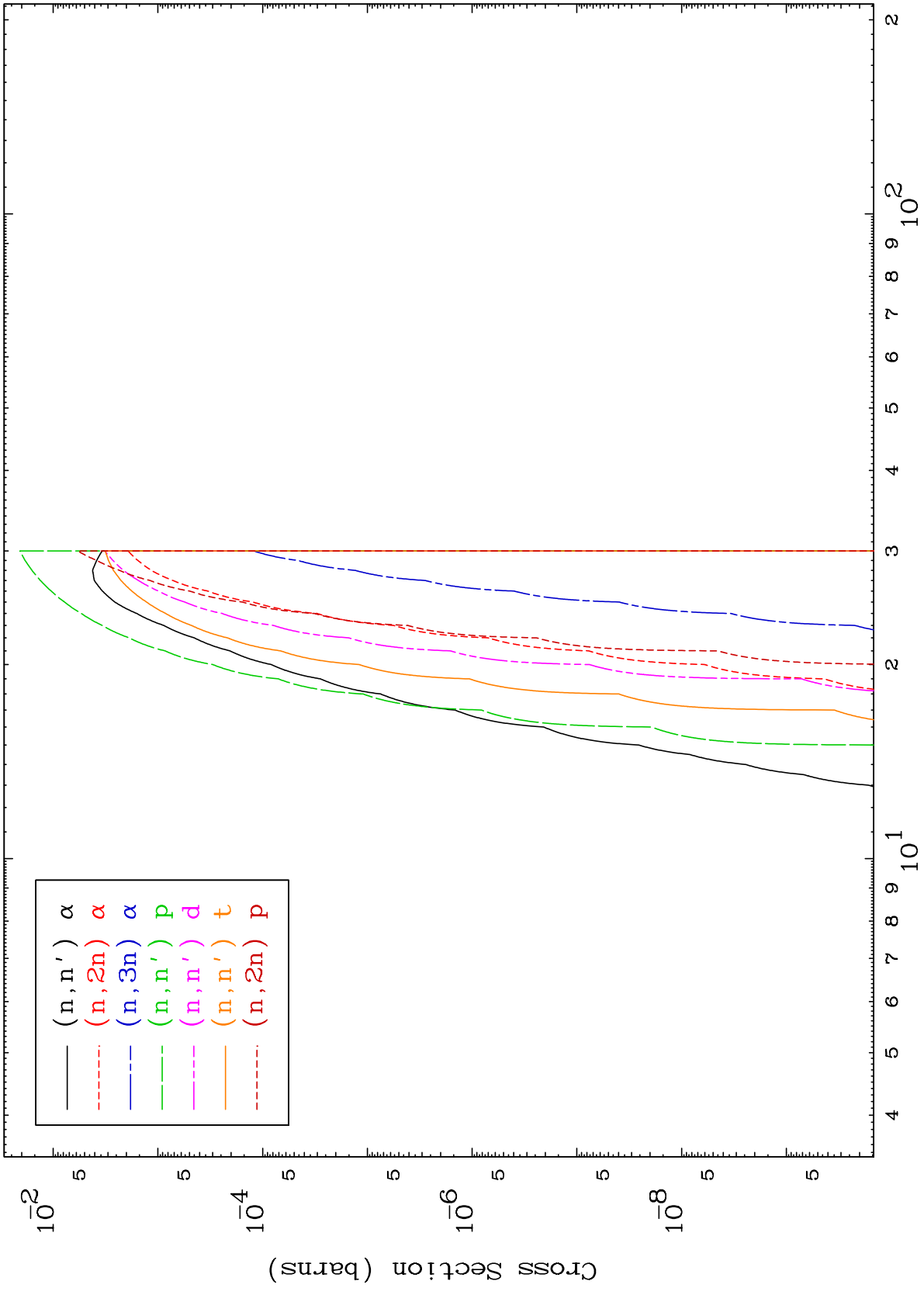
Neutron Absorption
293 Kelvin Cross Sections

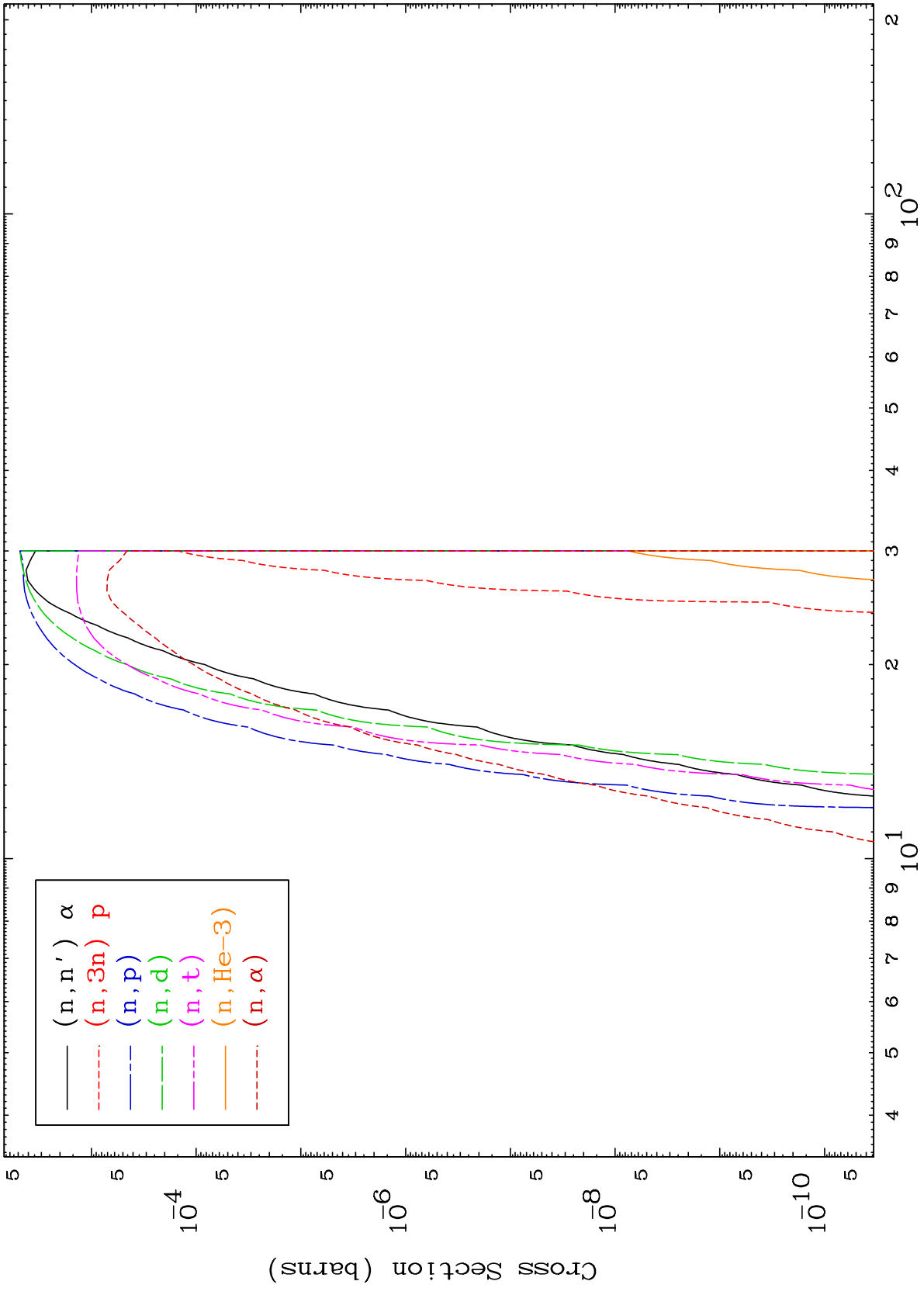
62-Sm-164



62-Sm-164

Incident Energy (MeV)

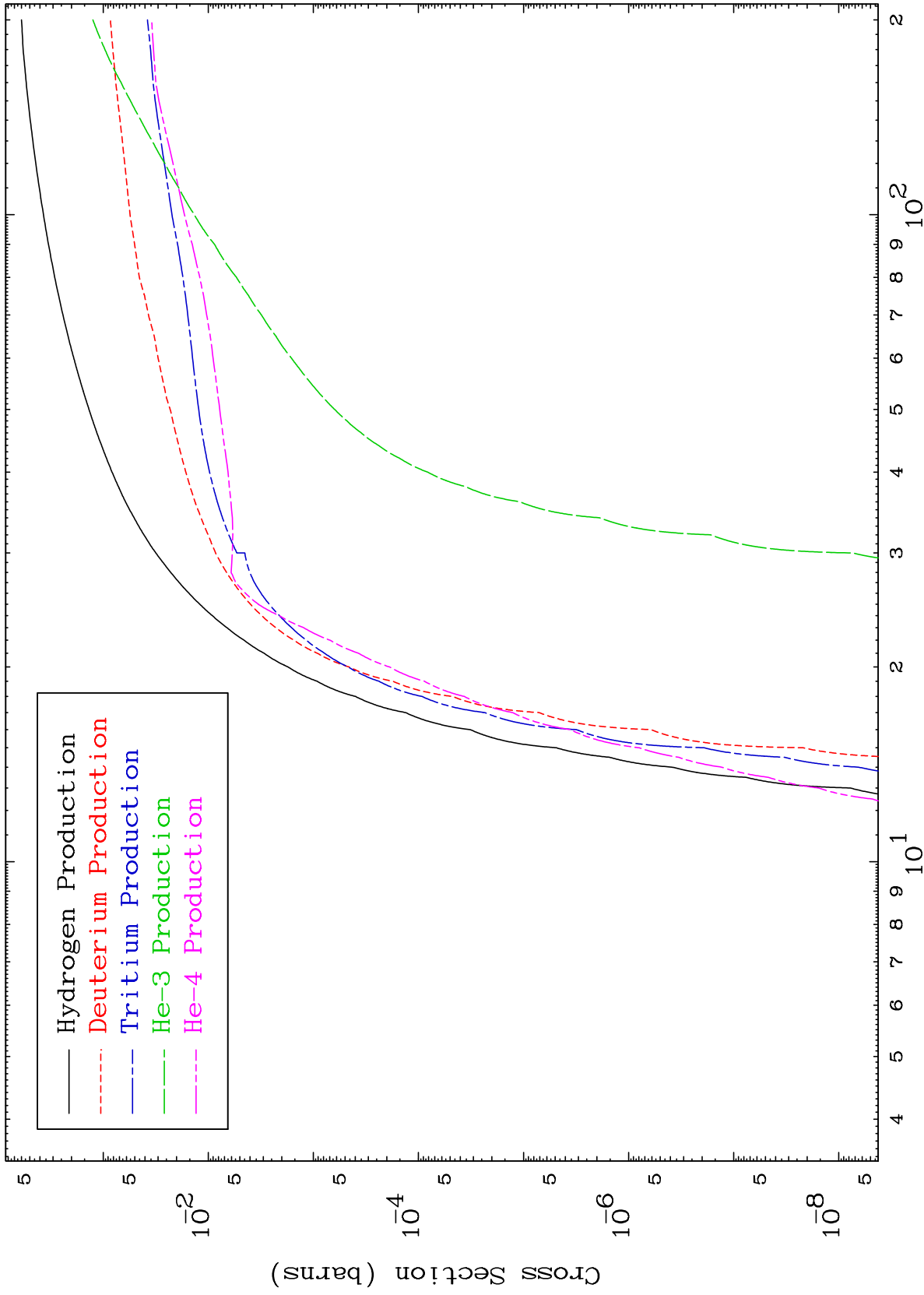




MAT 6285

Particle Production
293 Kelvin Cross Sections

62-Sm-164



7

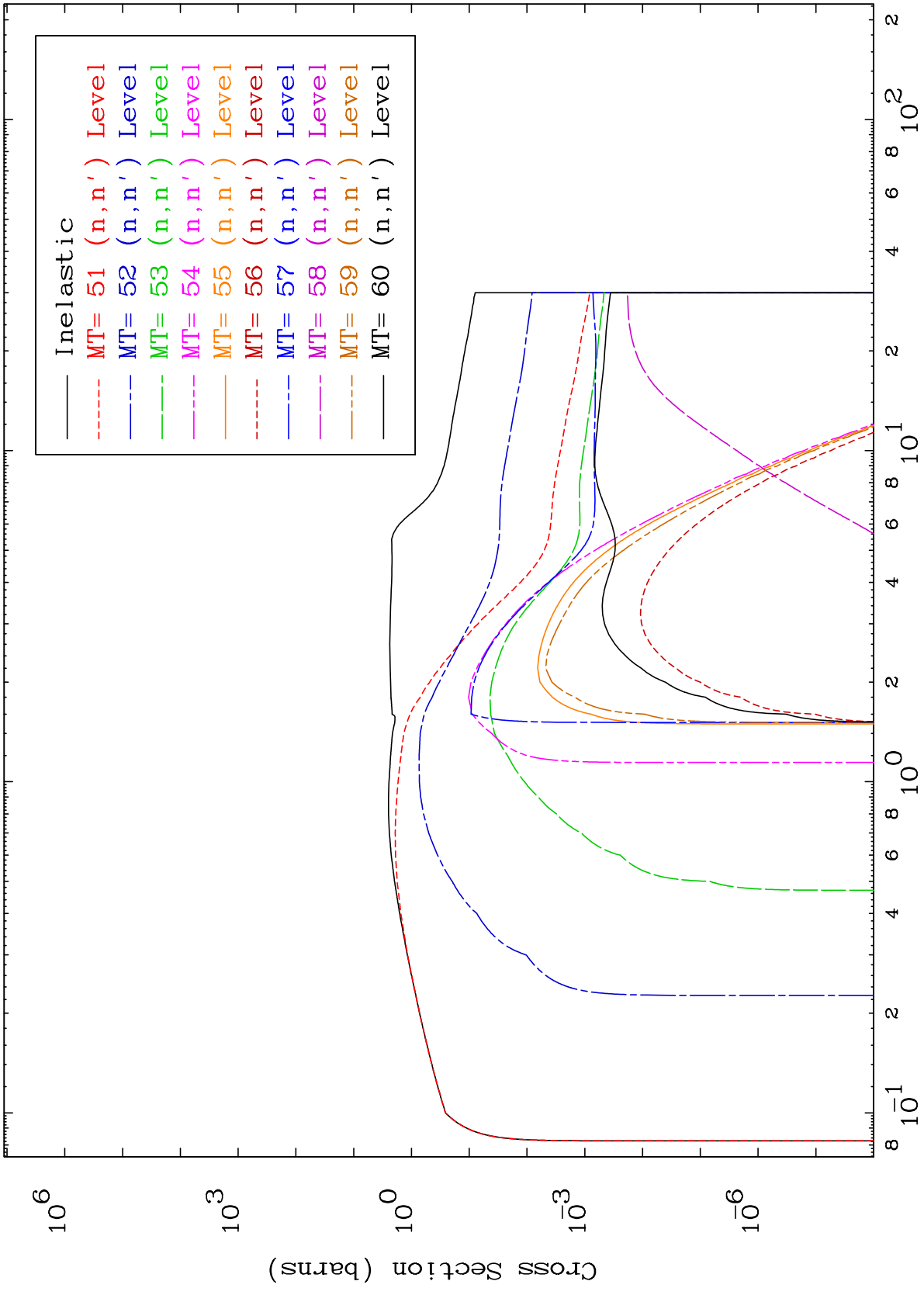
Incident Energy (MeV)

62-Sm-164

MAT 6285

(n,n') Levels
293 Kelvin Cross Sections

62-Sm-164



8

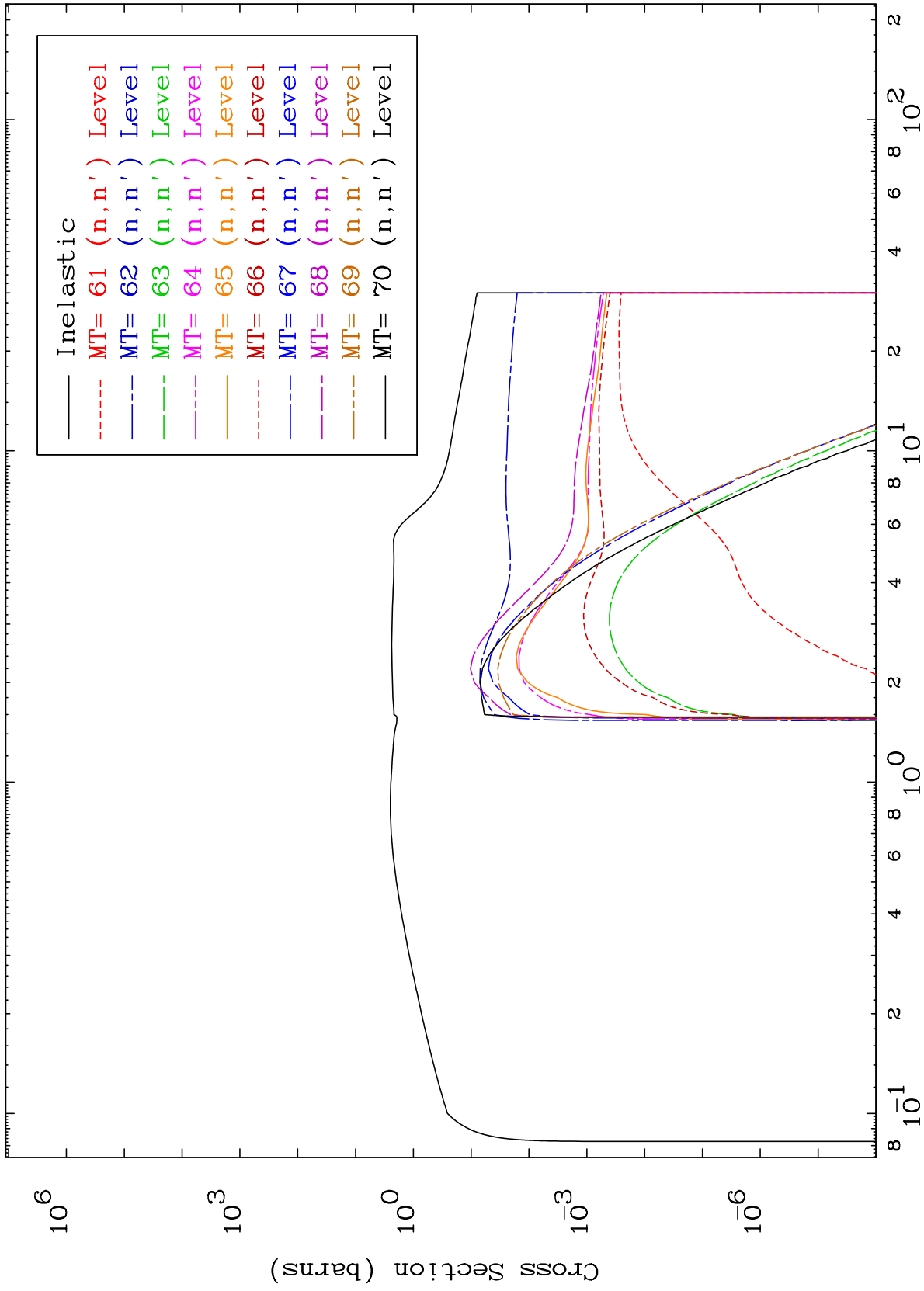
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MAT 6285

(n,n') Levels
293 Kelvin Cross Sections

62-Sm-164



9

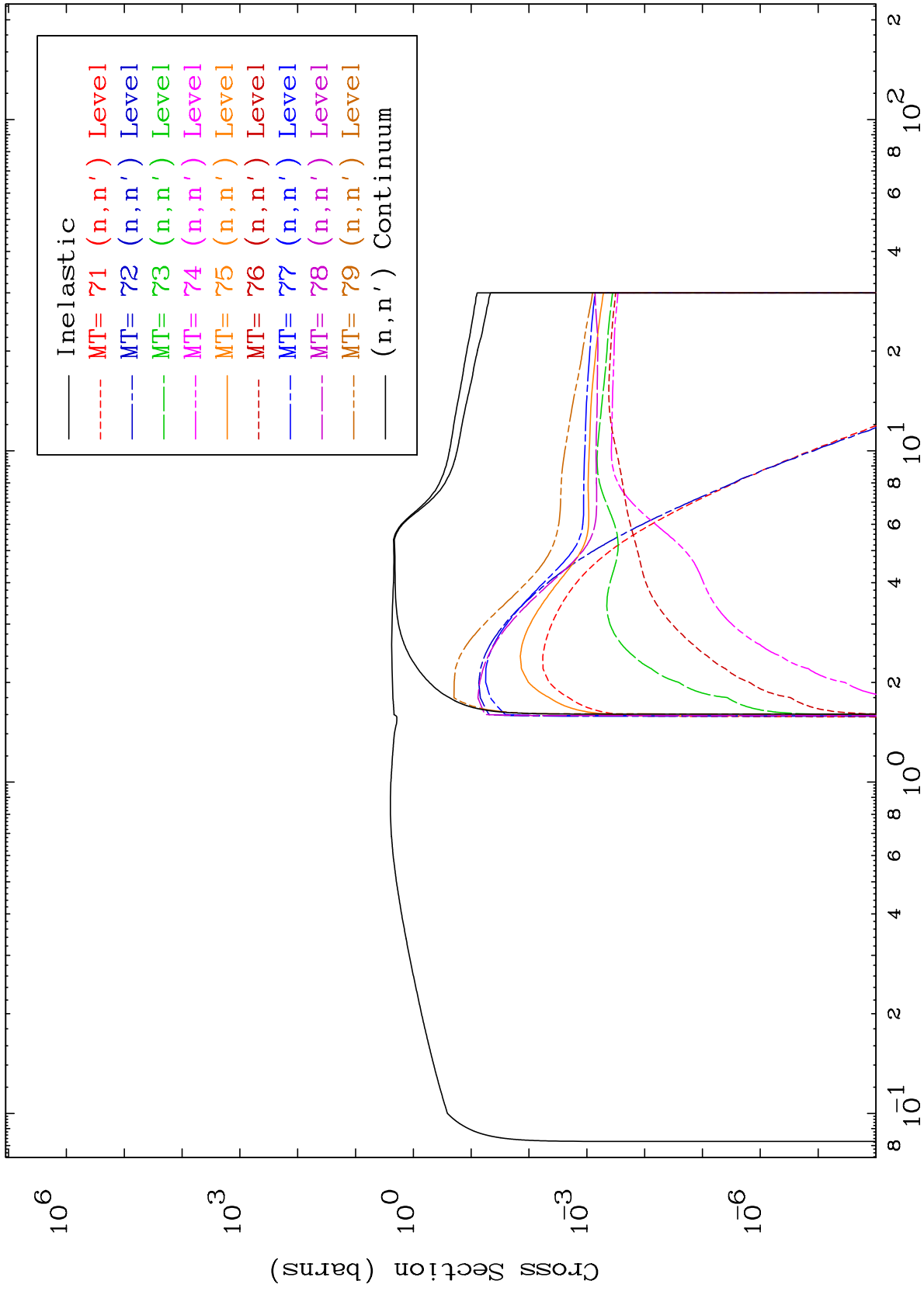
Incident Energy (MeV)

62-Sm-164

MAT 6285

(n,n') Levels
293 Kelvin Cross Sections

62-Sm-164



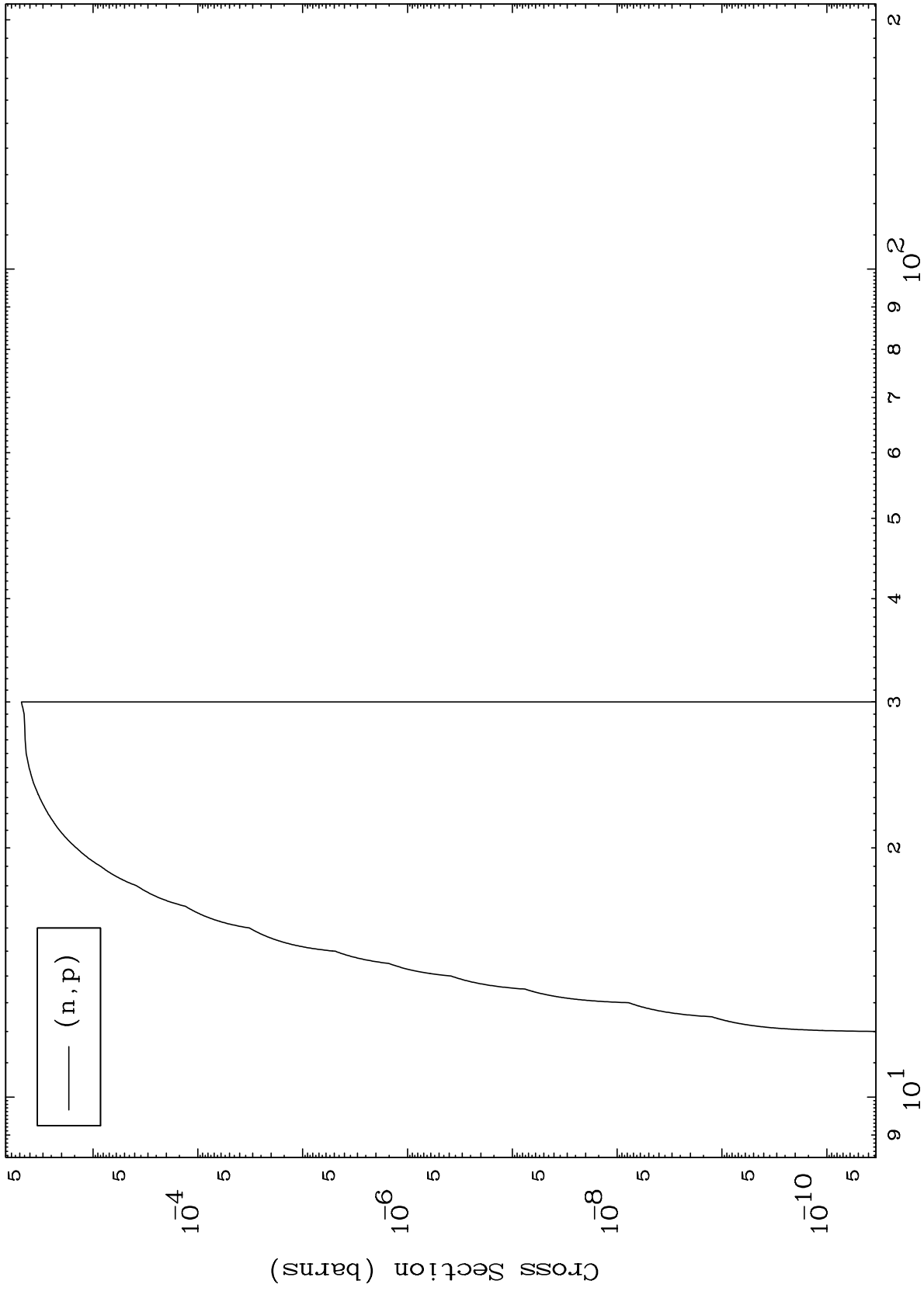
Incident Energy (MeV)

62-Sm-164

MAT 6285

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-164



11

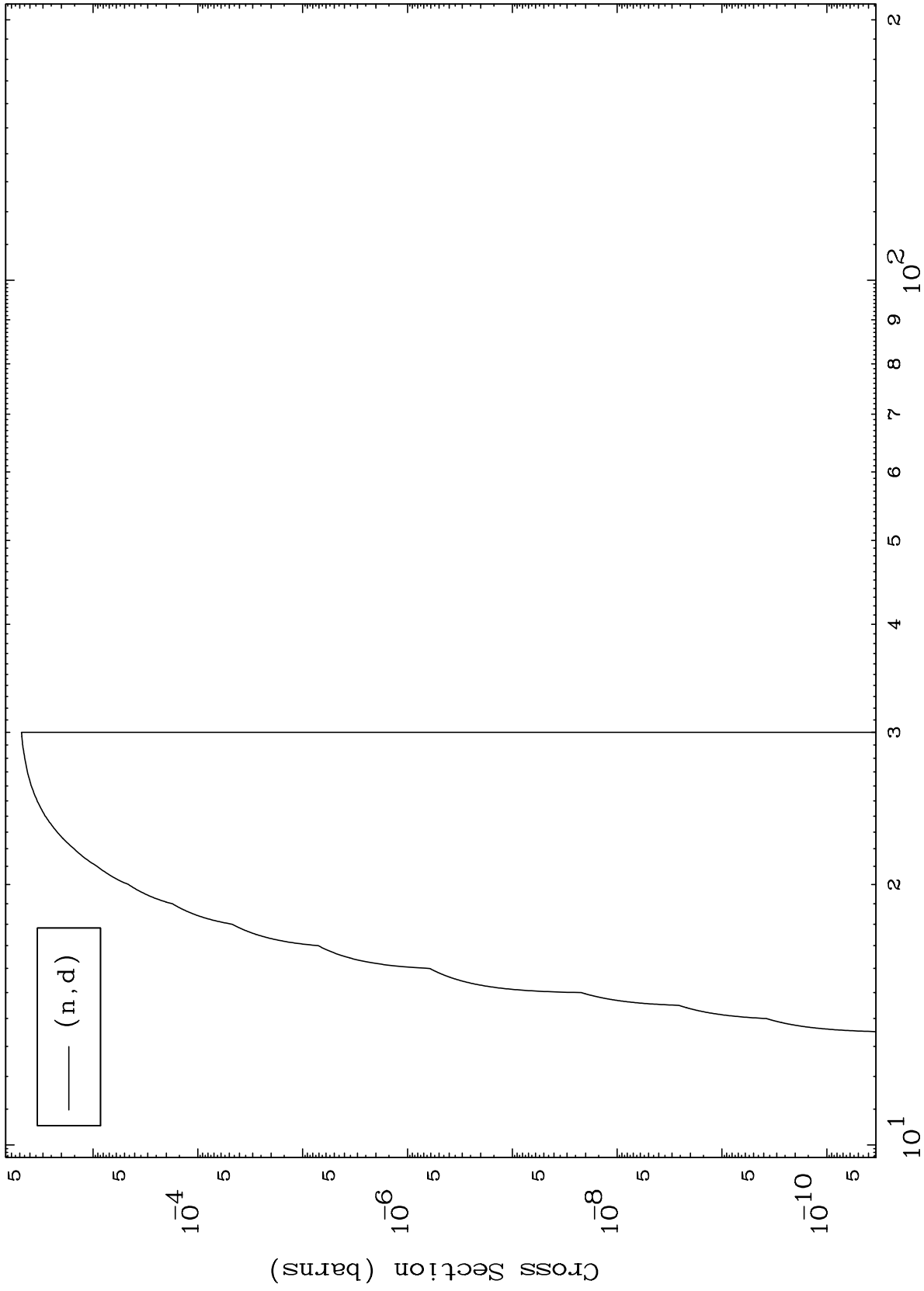
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MAT 6285

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-164



12

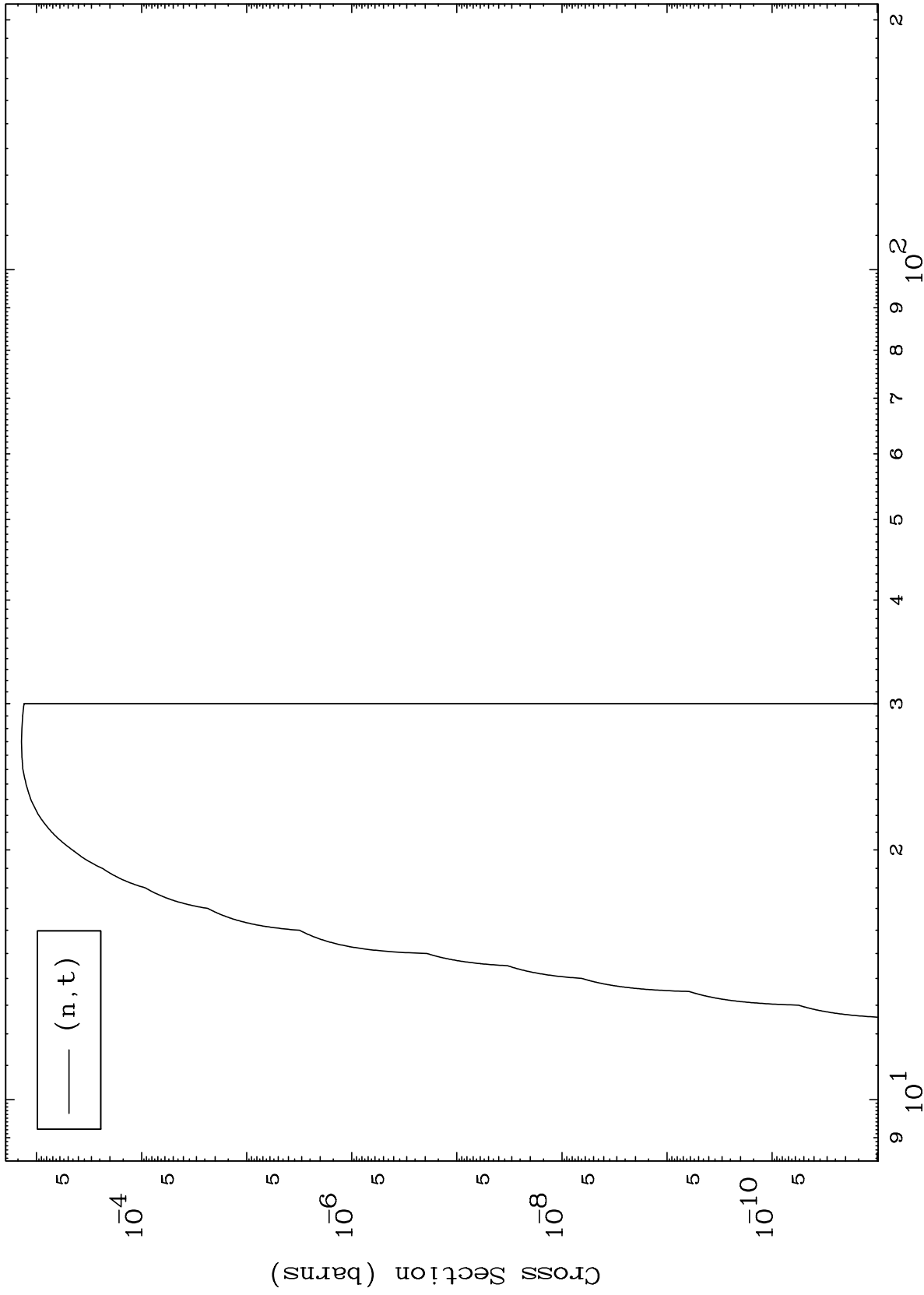
Incident Energy (MeV)

62-Sm-164

MAT 6285

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-164



13

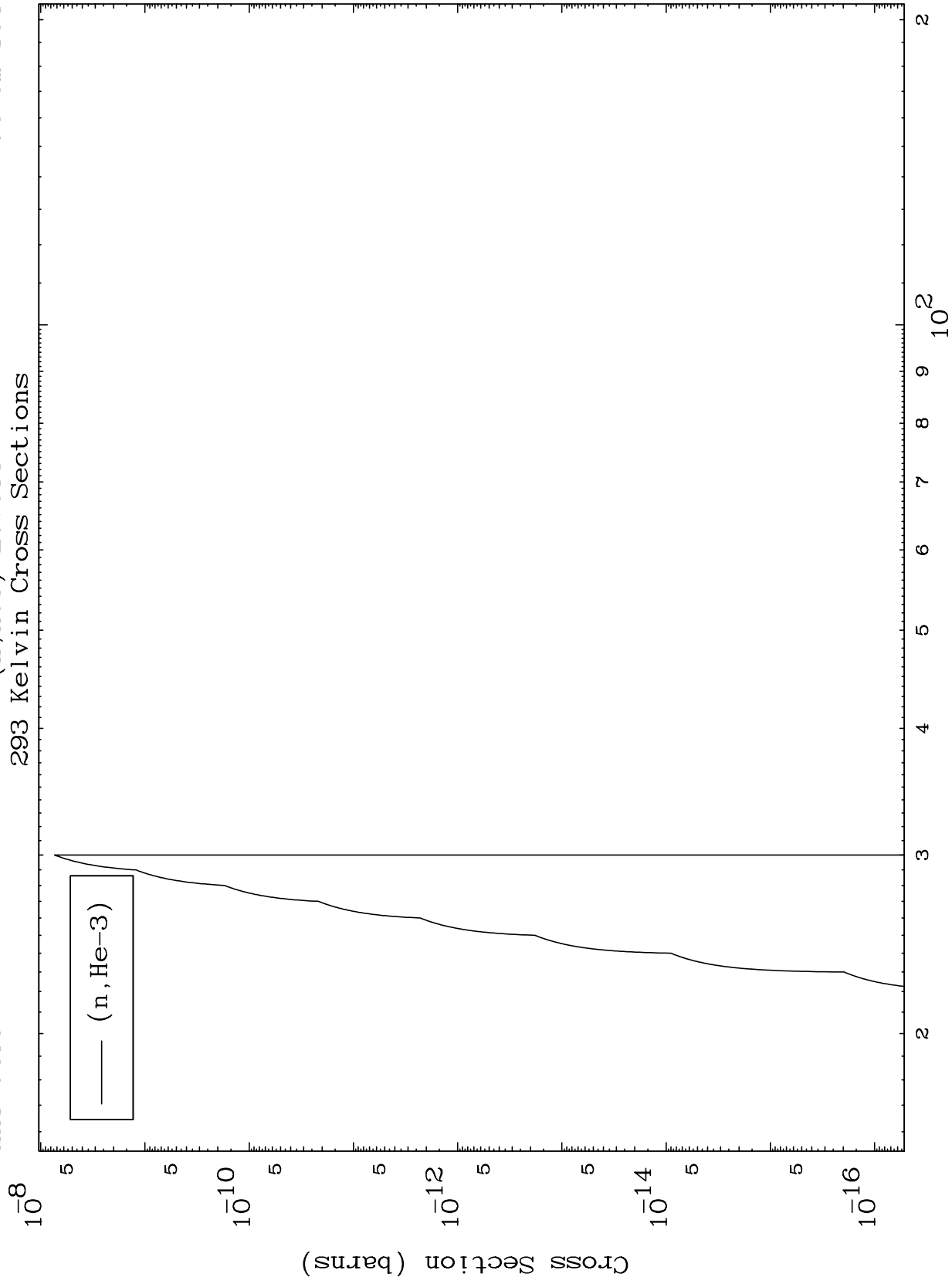
Incident Energy (MeV)

62-Sm-164

MAT 6285

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-164



14

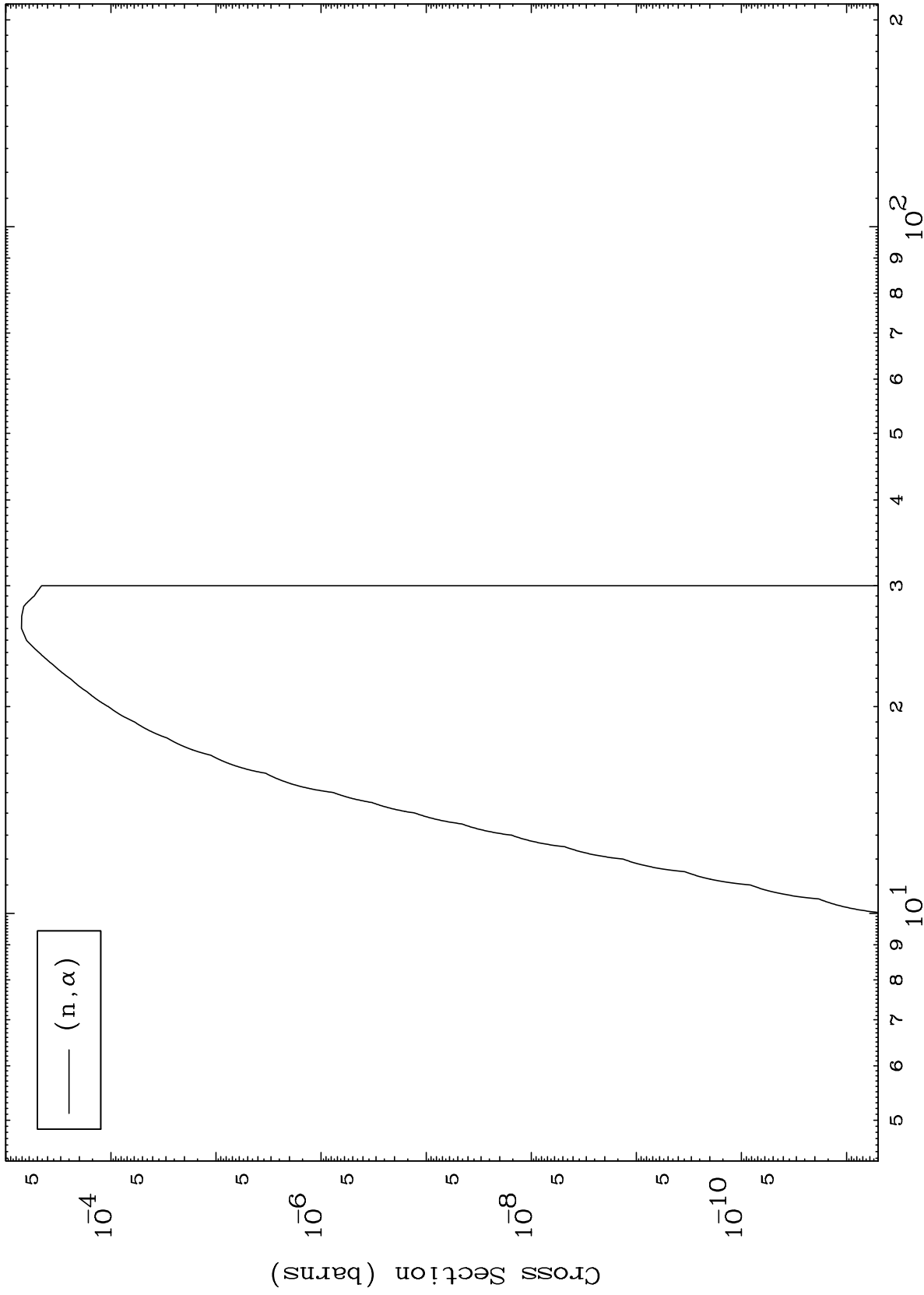
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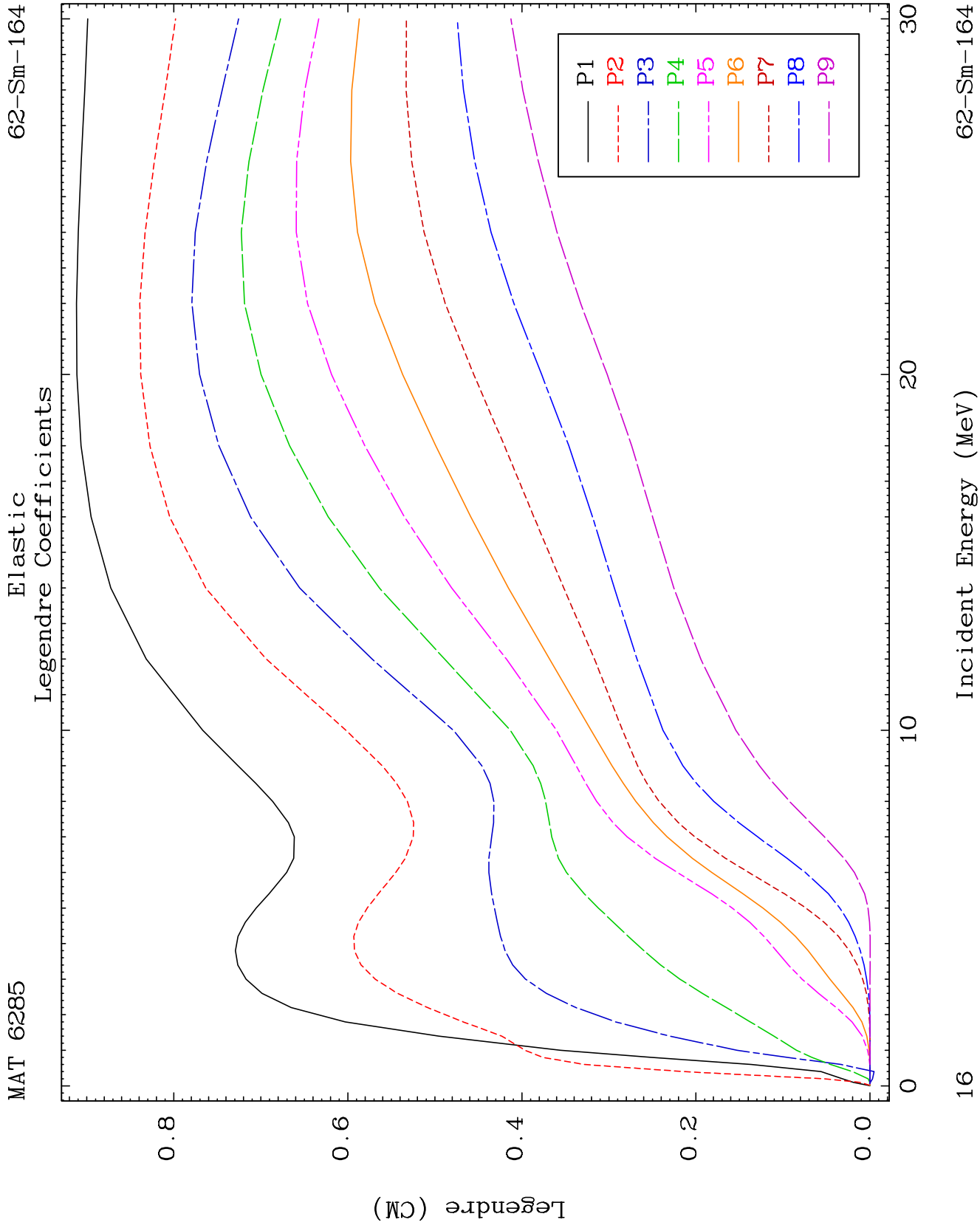
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MAT 6285

(n,α) Levels
293 Kelvin Cross Sections

62-Sm-164

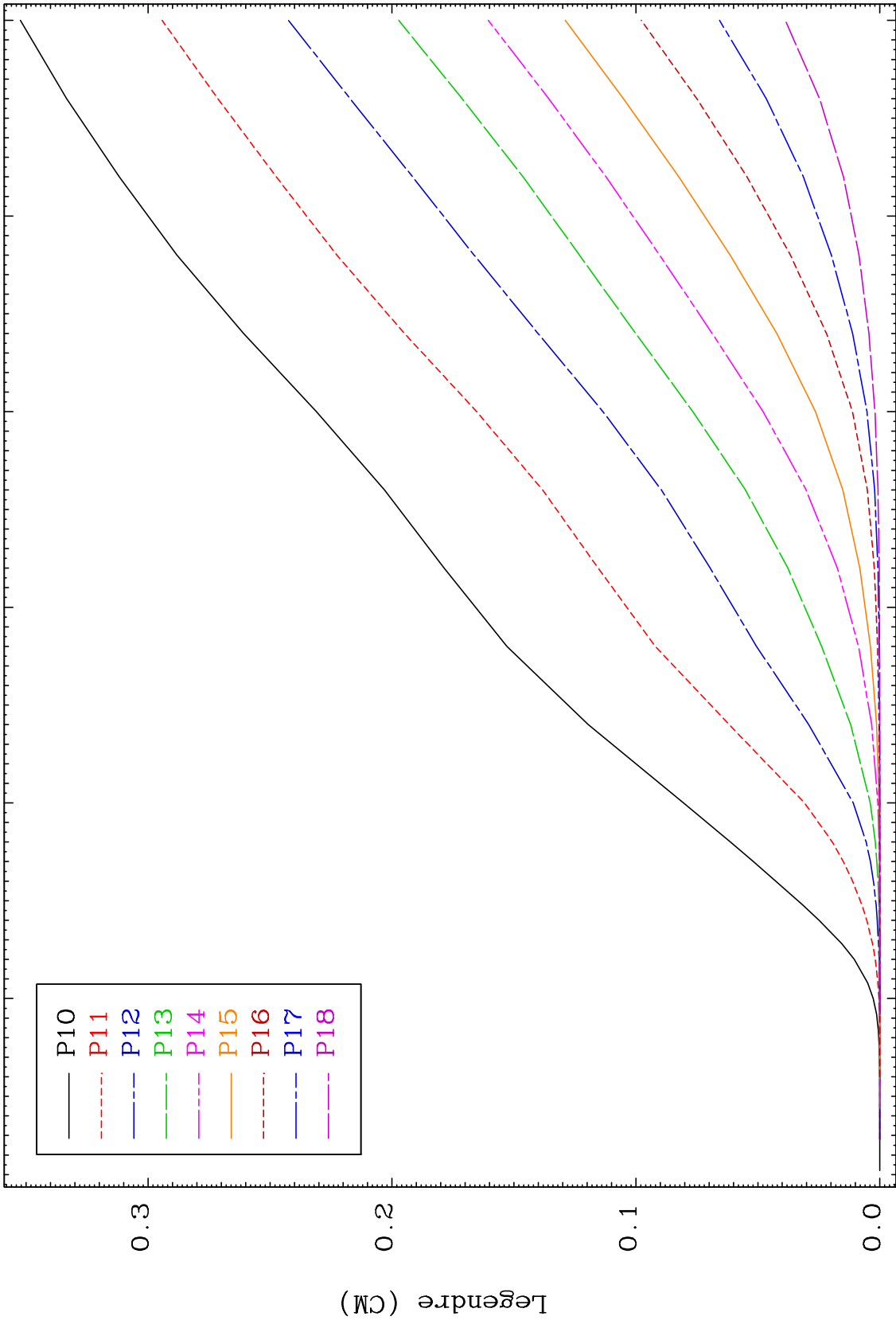




MAT 6285

Elastic Legendre Coefficients

62-Sm-164



17

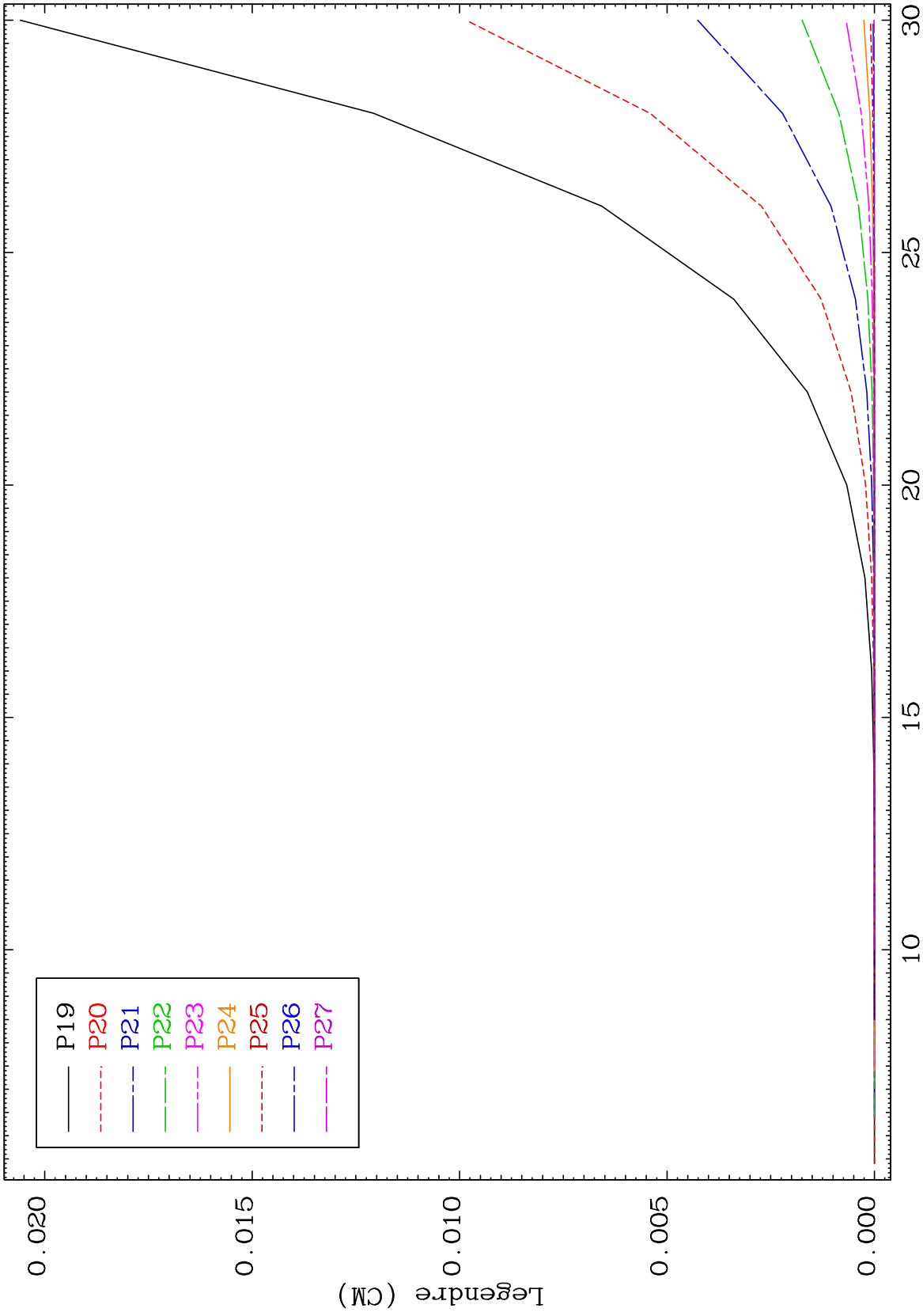
Incident Energy (MeV)

62-Sm-164

MAT 6285

Elastic Legendre Coefficients

62-Sm-164



18

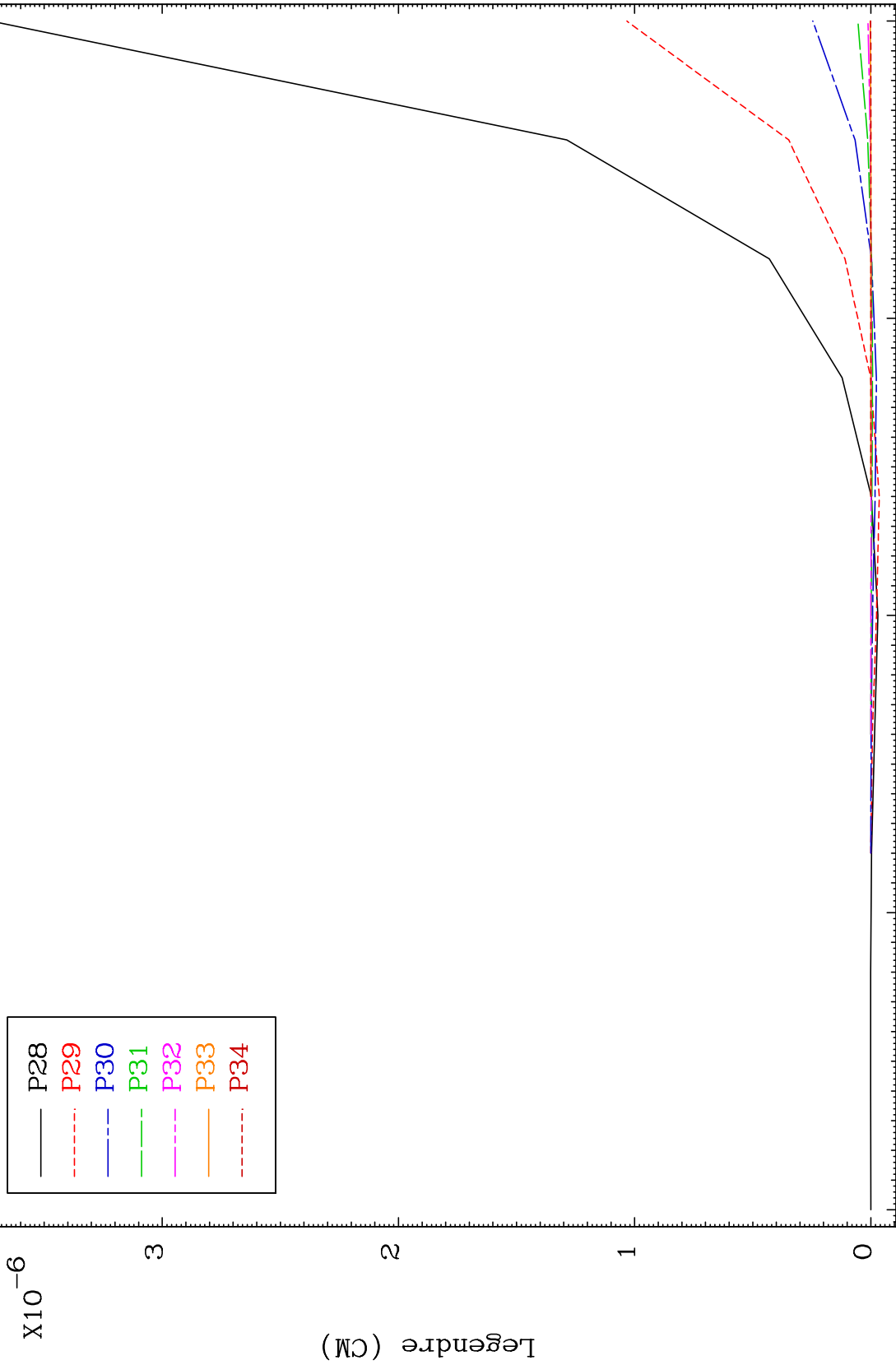
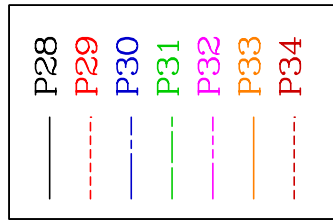
Incident Energy (MeV)

62-Sm-164

MAT 6285

Elastic Legendre Coefficients

62-Sm-164

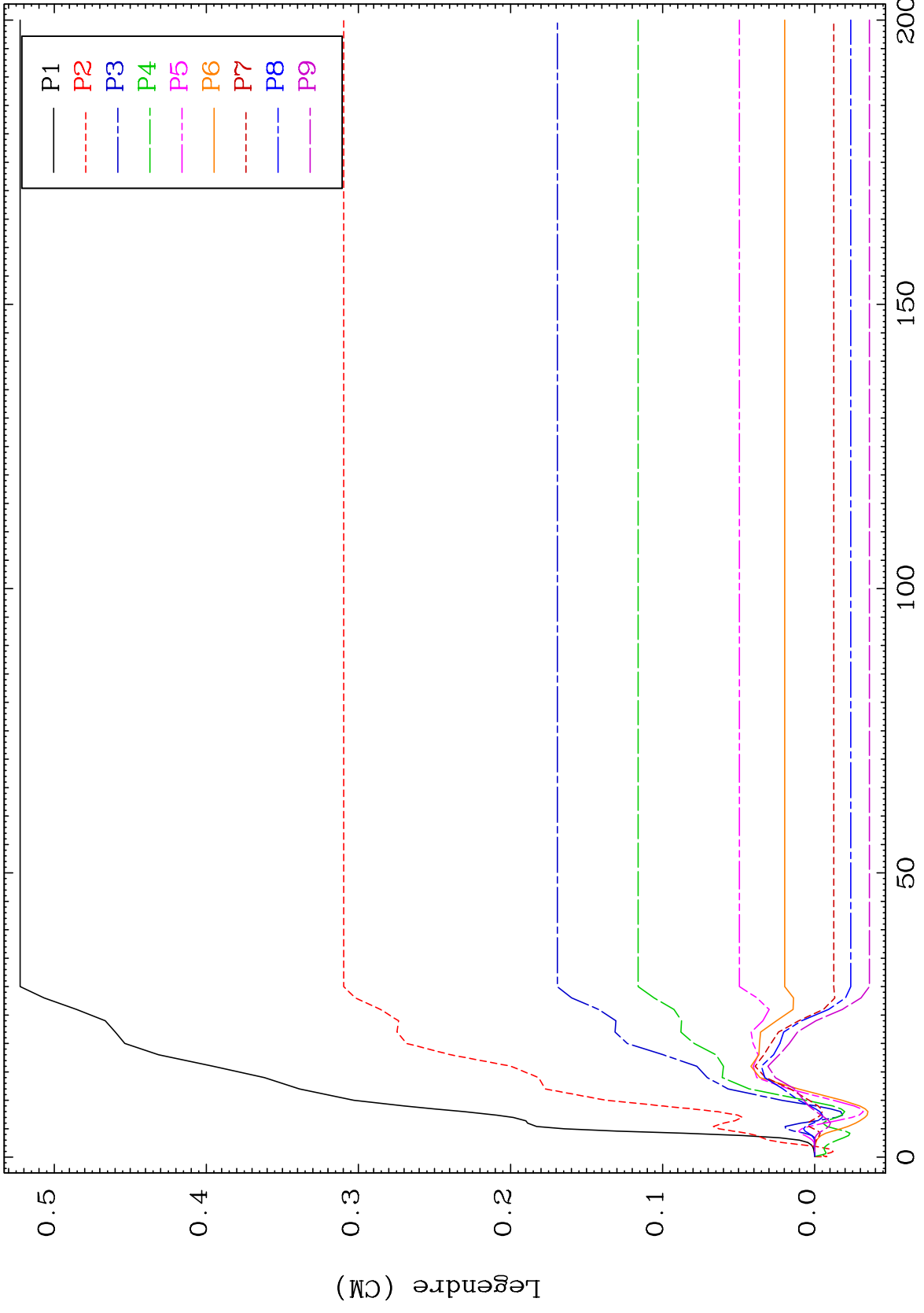


19

Incident Energy (MeV)

62-Sm-164

MAT 6285 MT= 51 (n,n') Level Legendre Coefficients 62-Sm-164

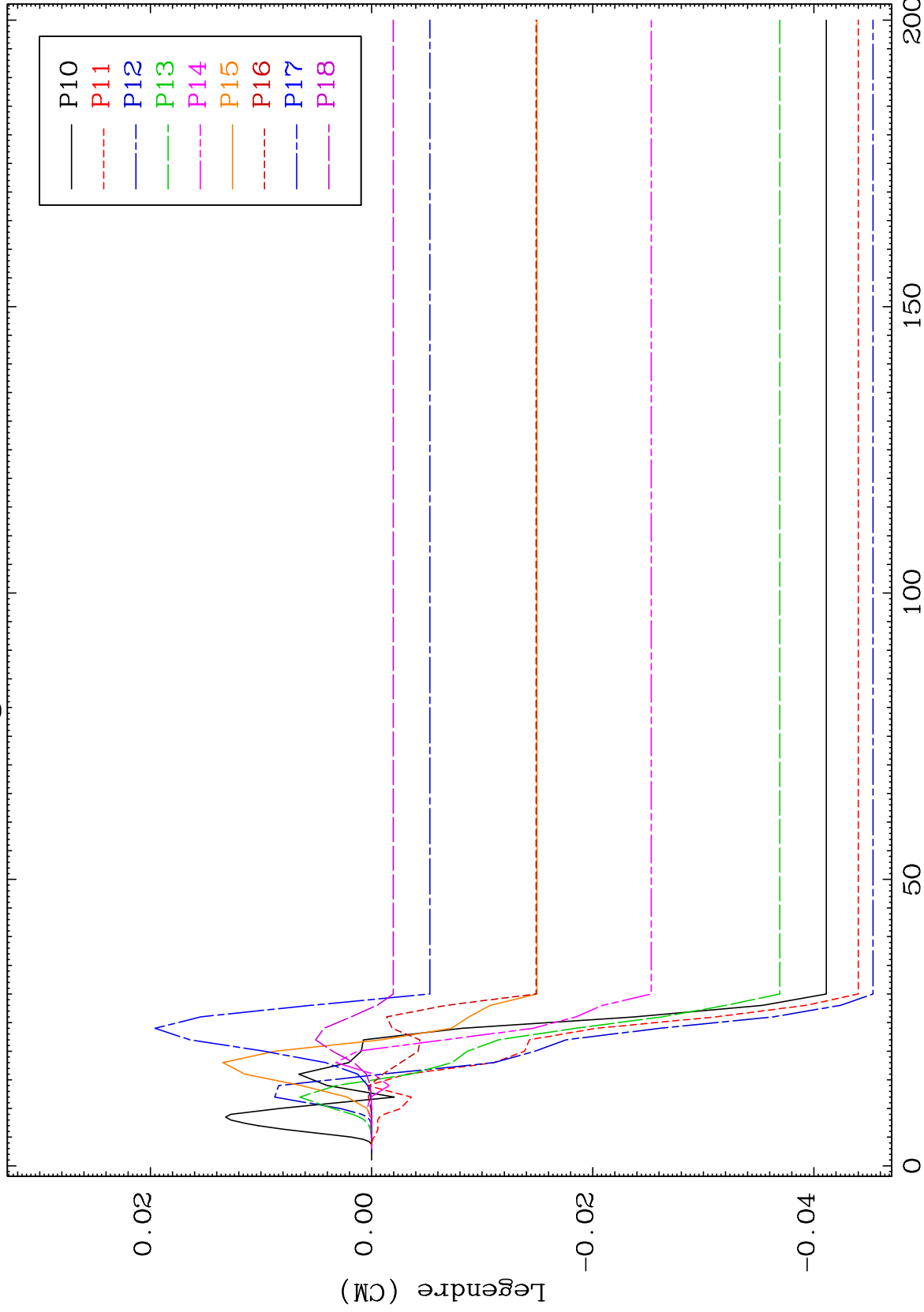


62-Sm-164 Incident Energy (MeV)

MAT 6285

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

62-Sm-164



21

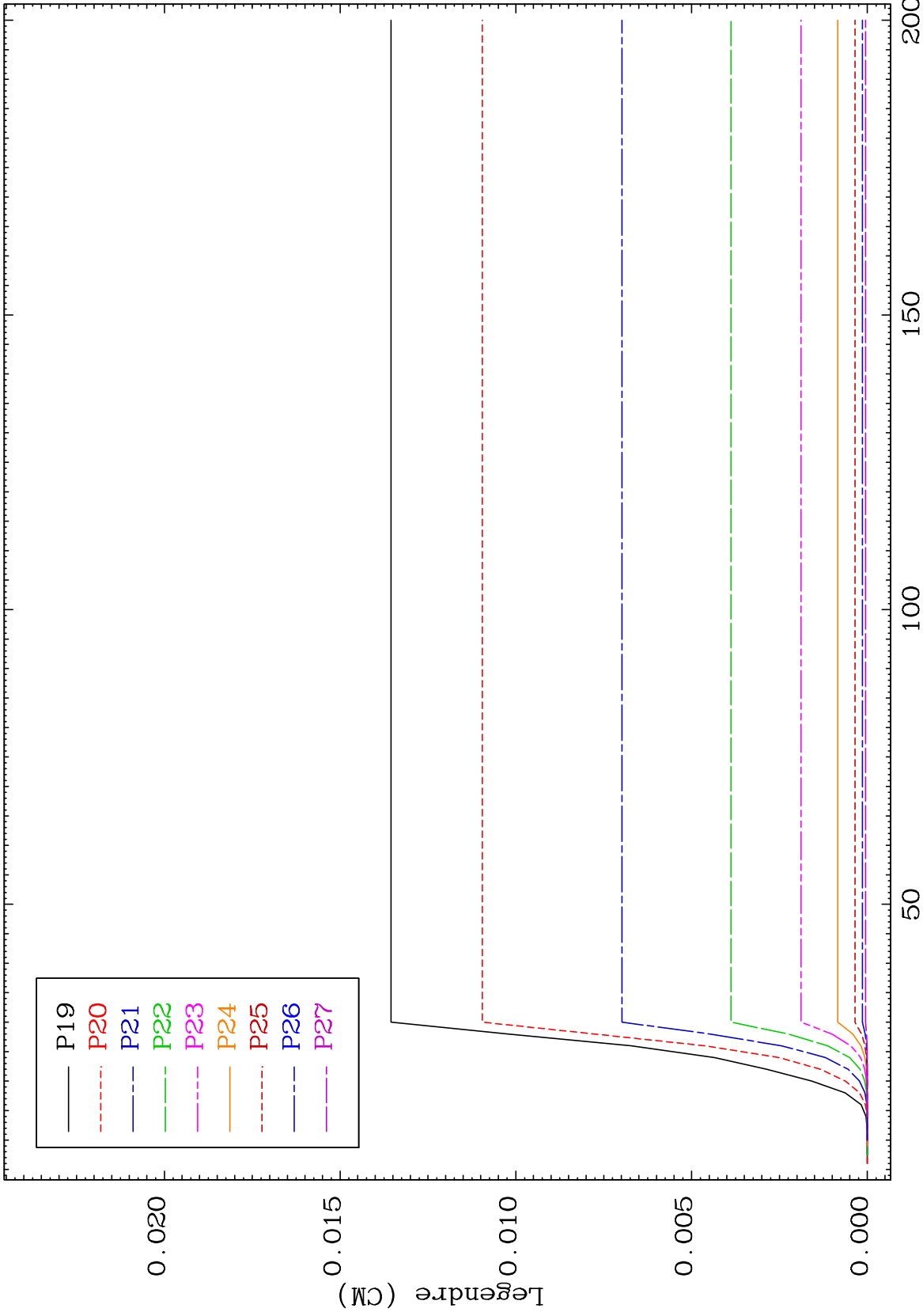
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



22

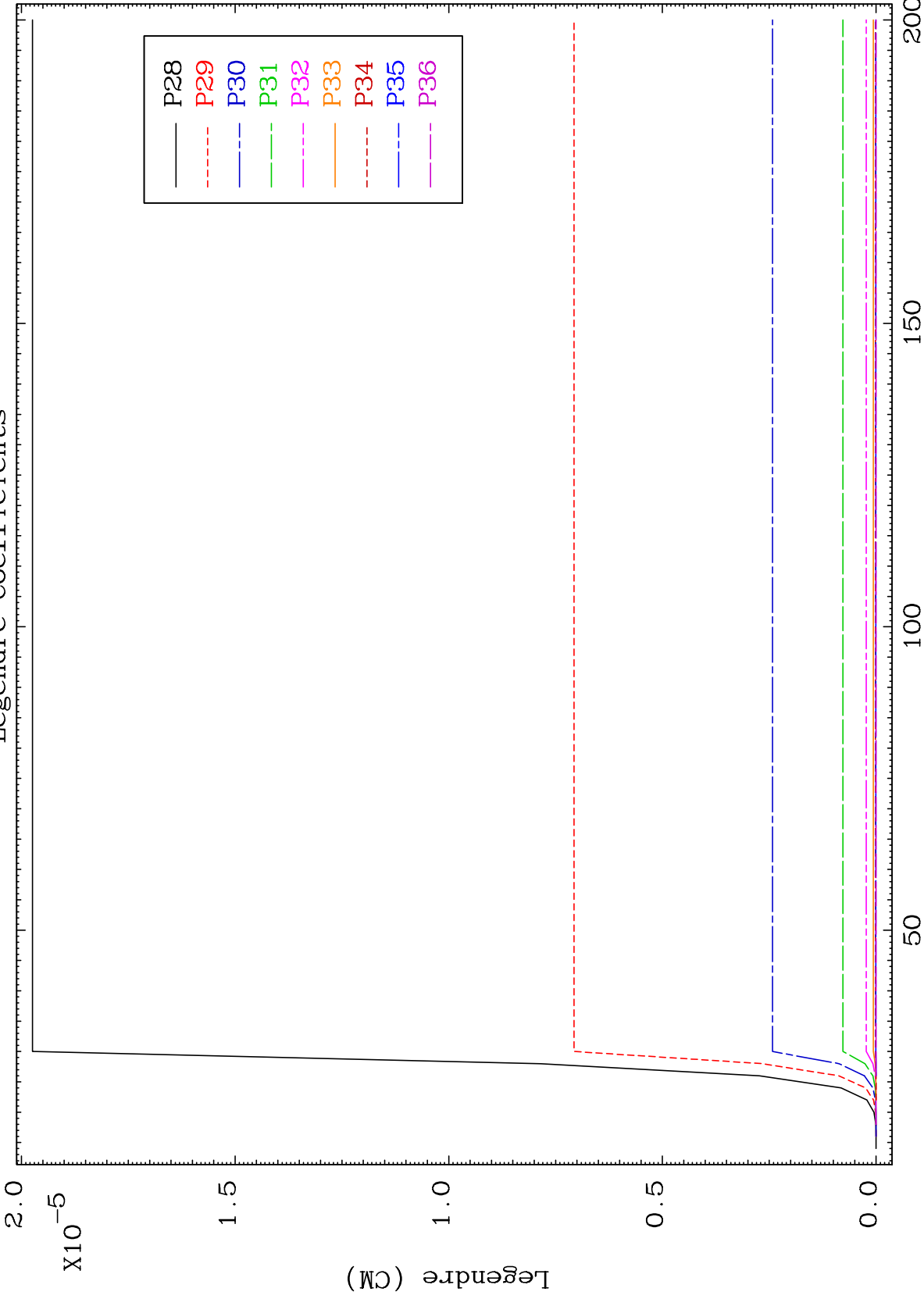
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



62-Sm-164

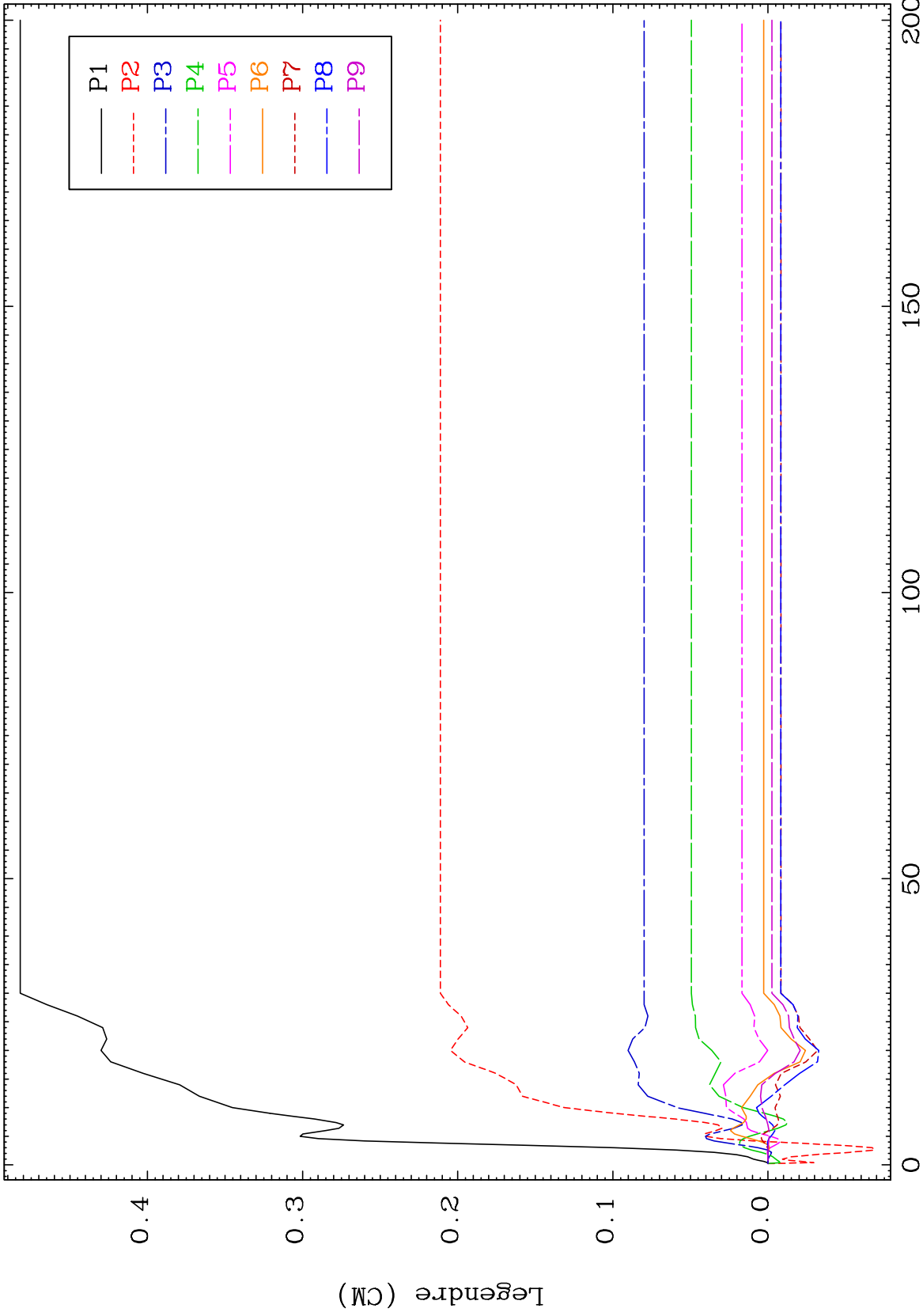
Incident Energy (MeV)

23

MAT 6285

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

62-Sm-164



24

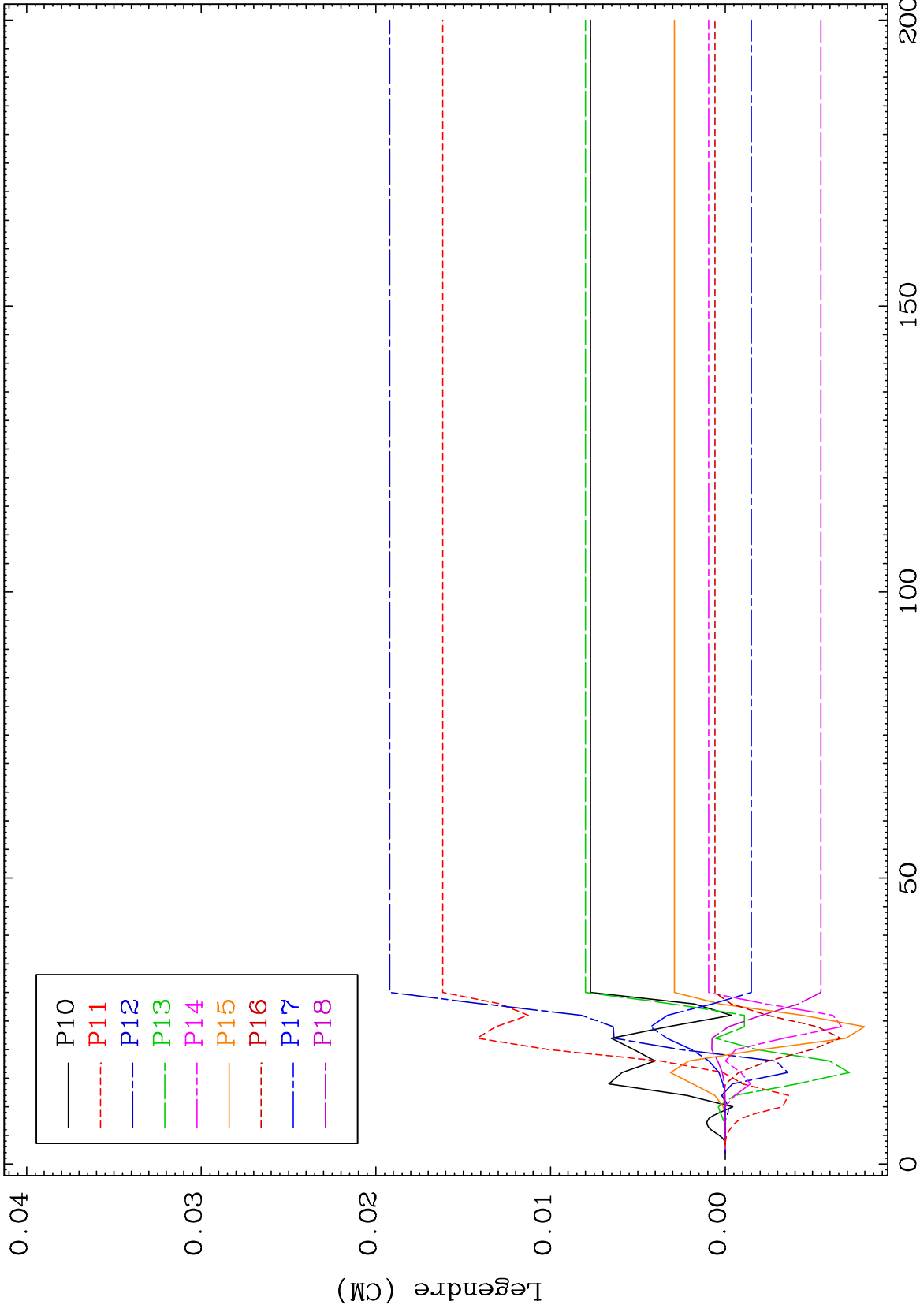
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



25

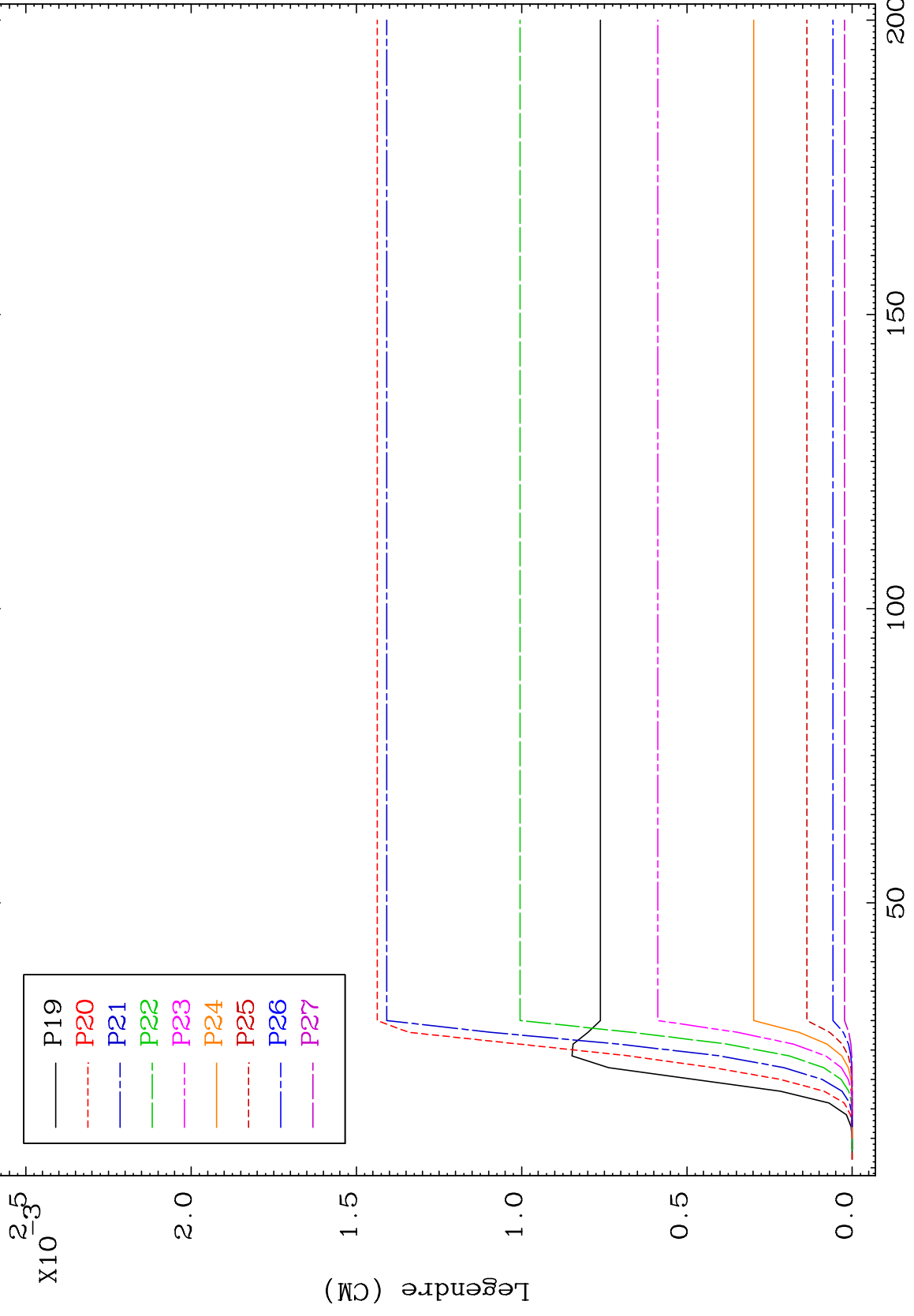
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



26

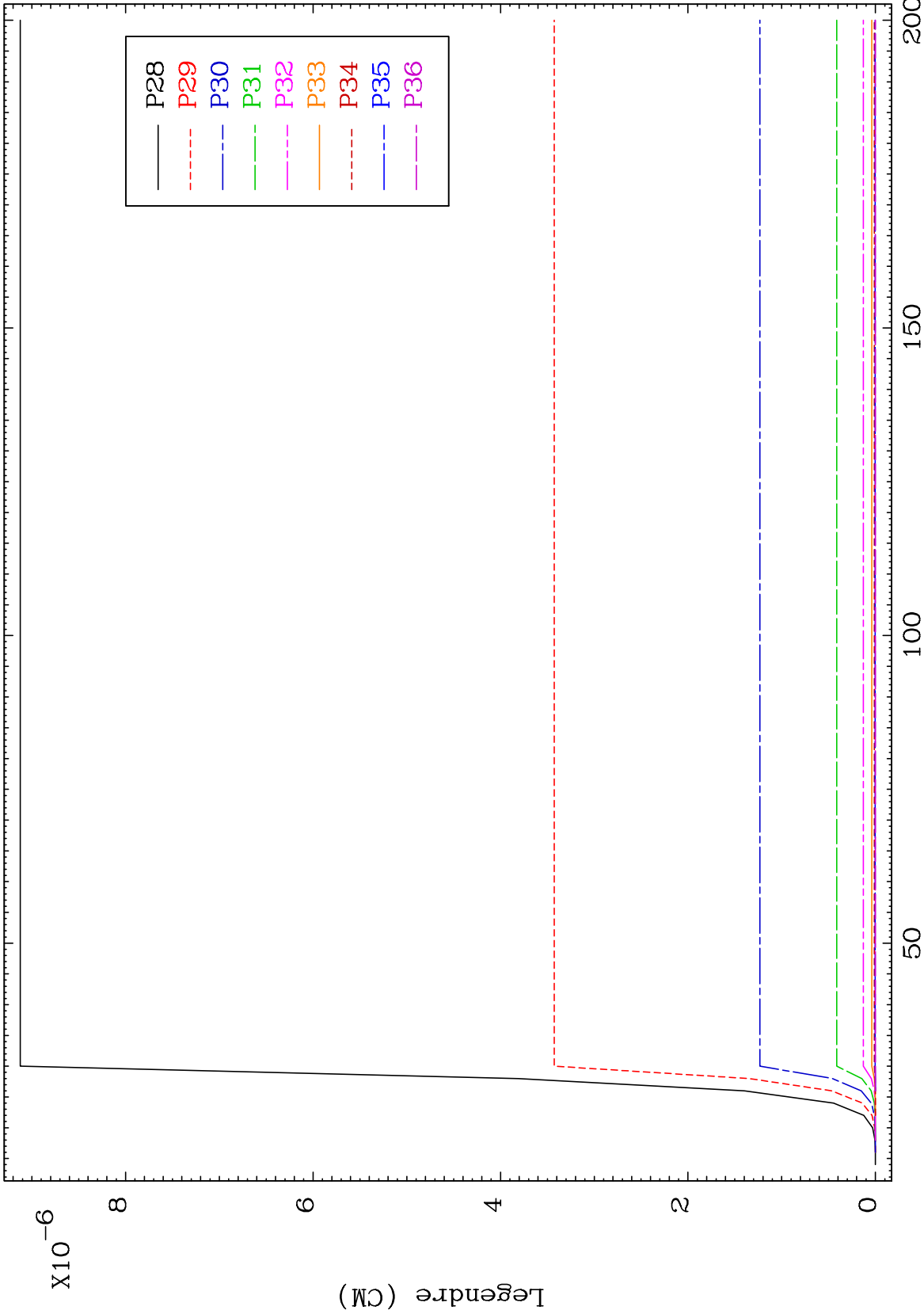
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



27

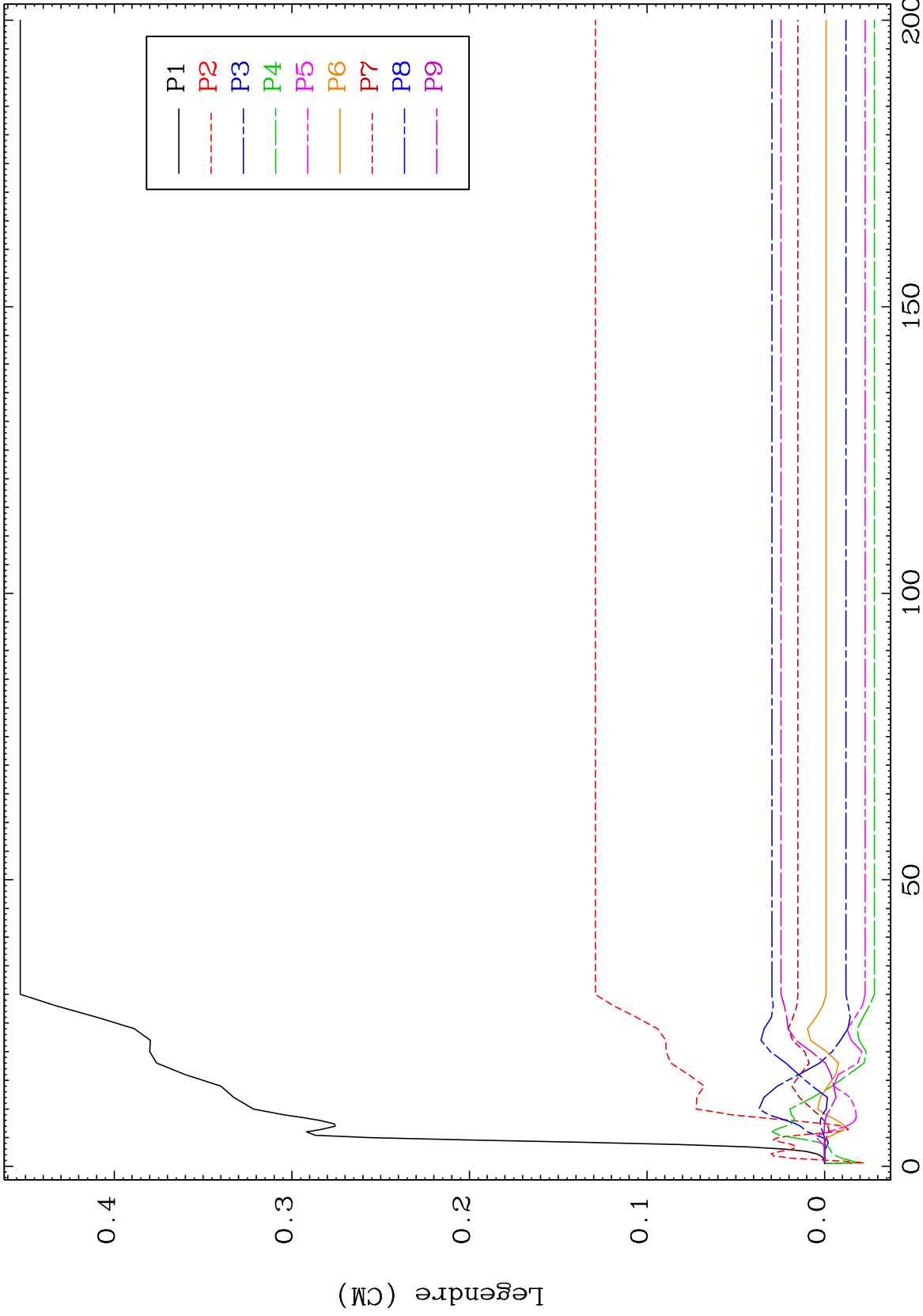
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



28

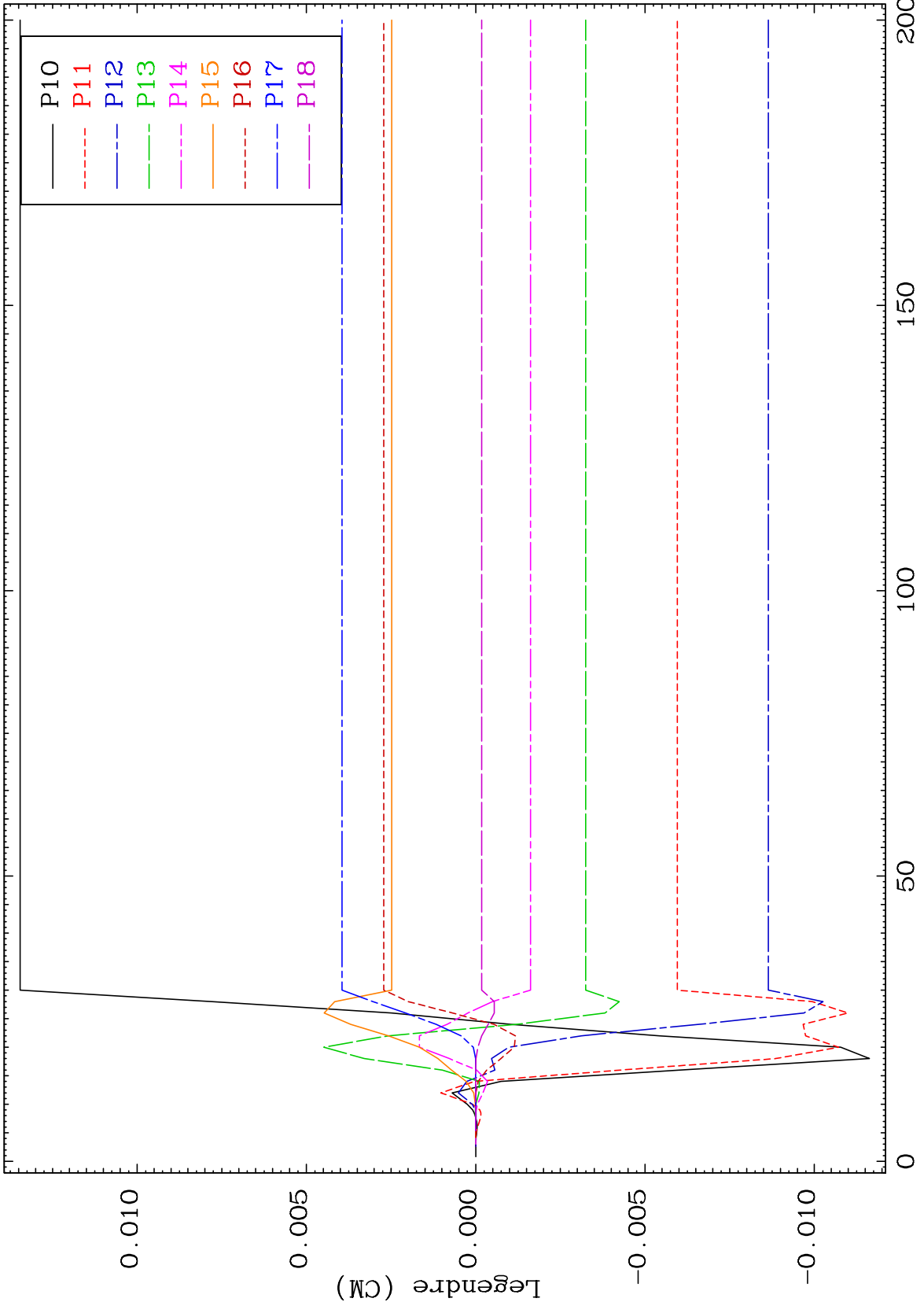
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



29

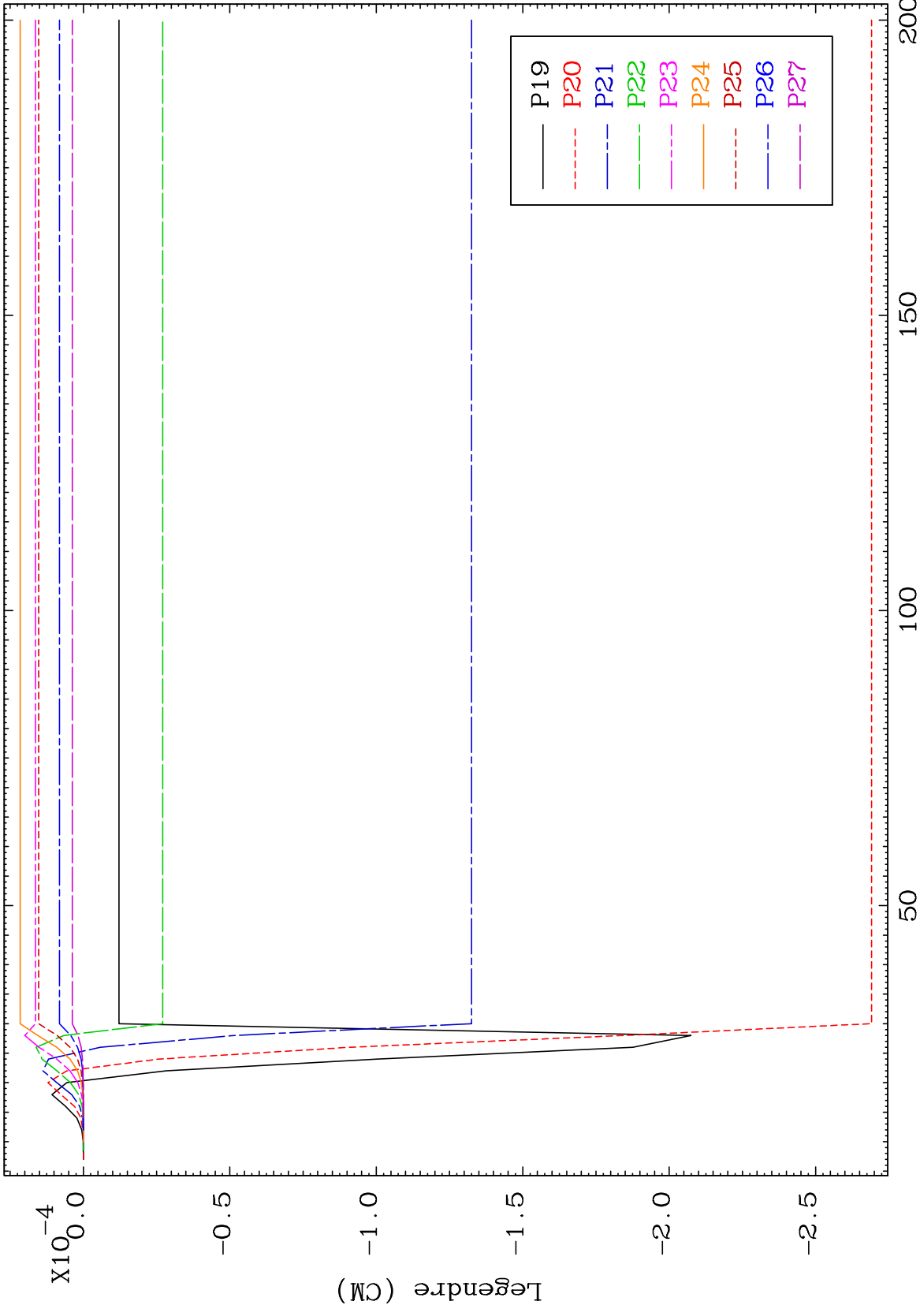
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



62-Sm-164

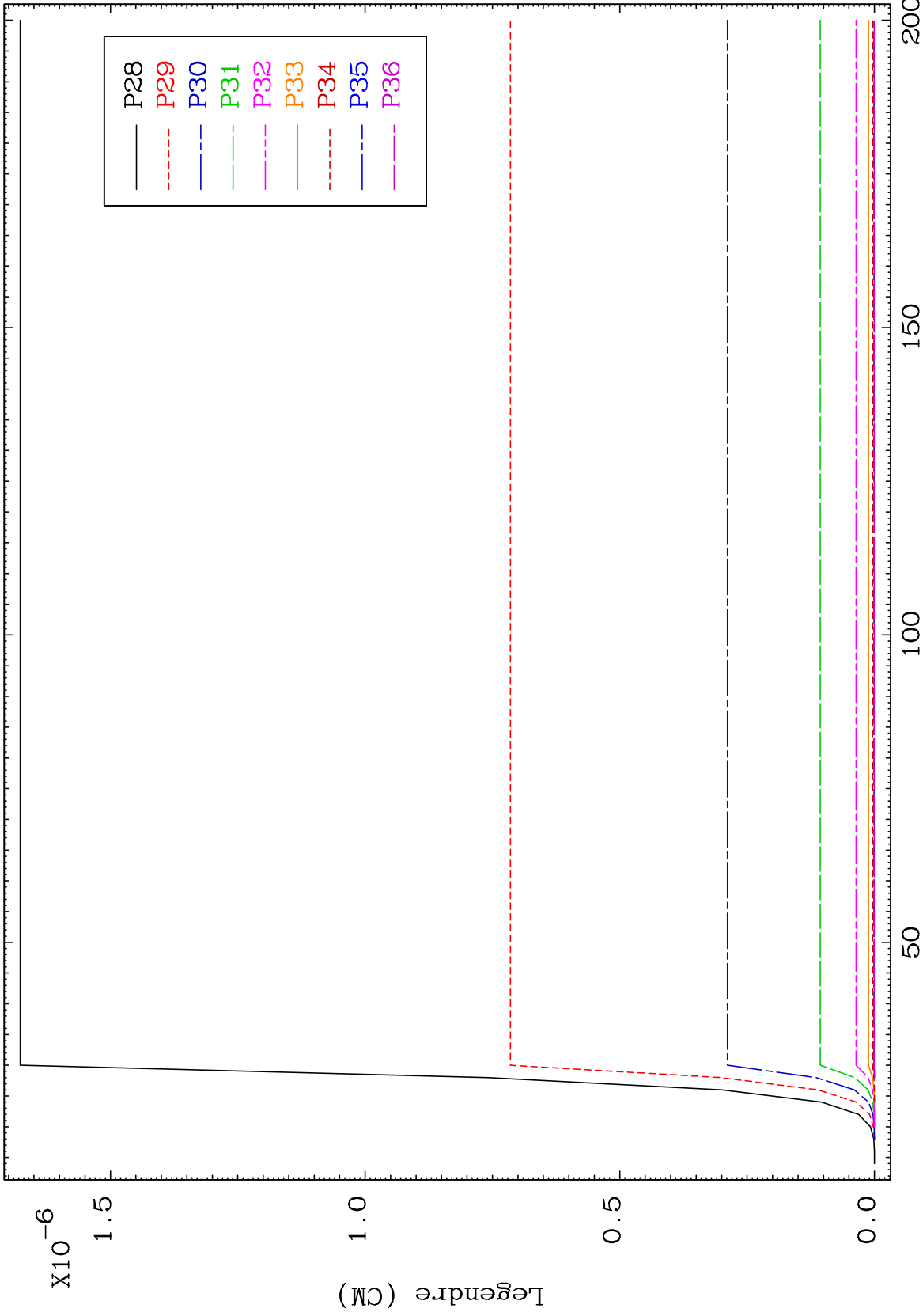
Incident Energy (MeV)

30

MAT 6285

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

62-Sm-164



31

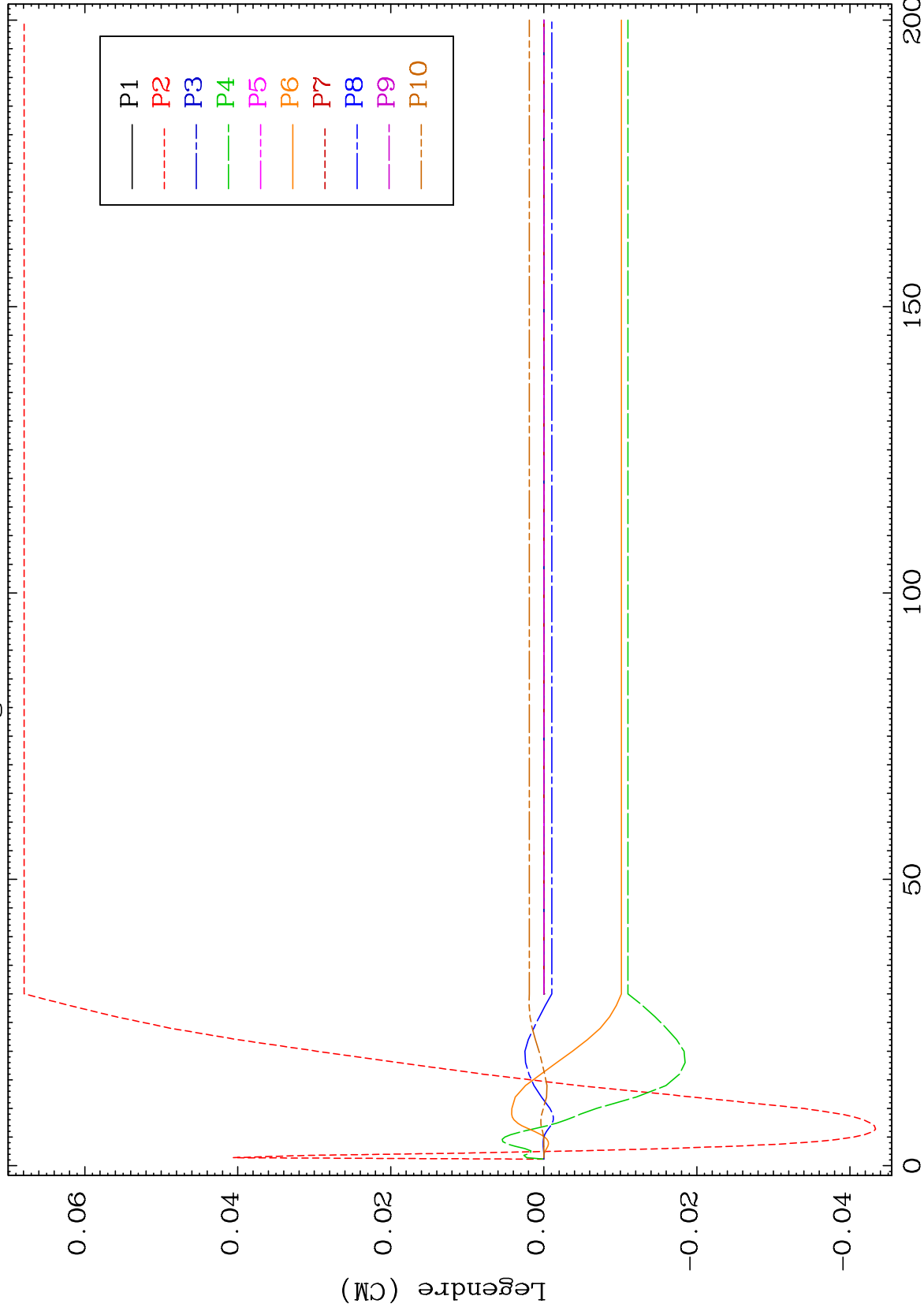
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



32

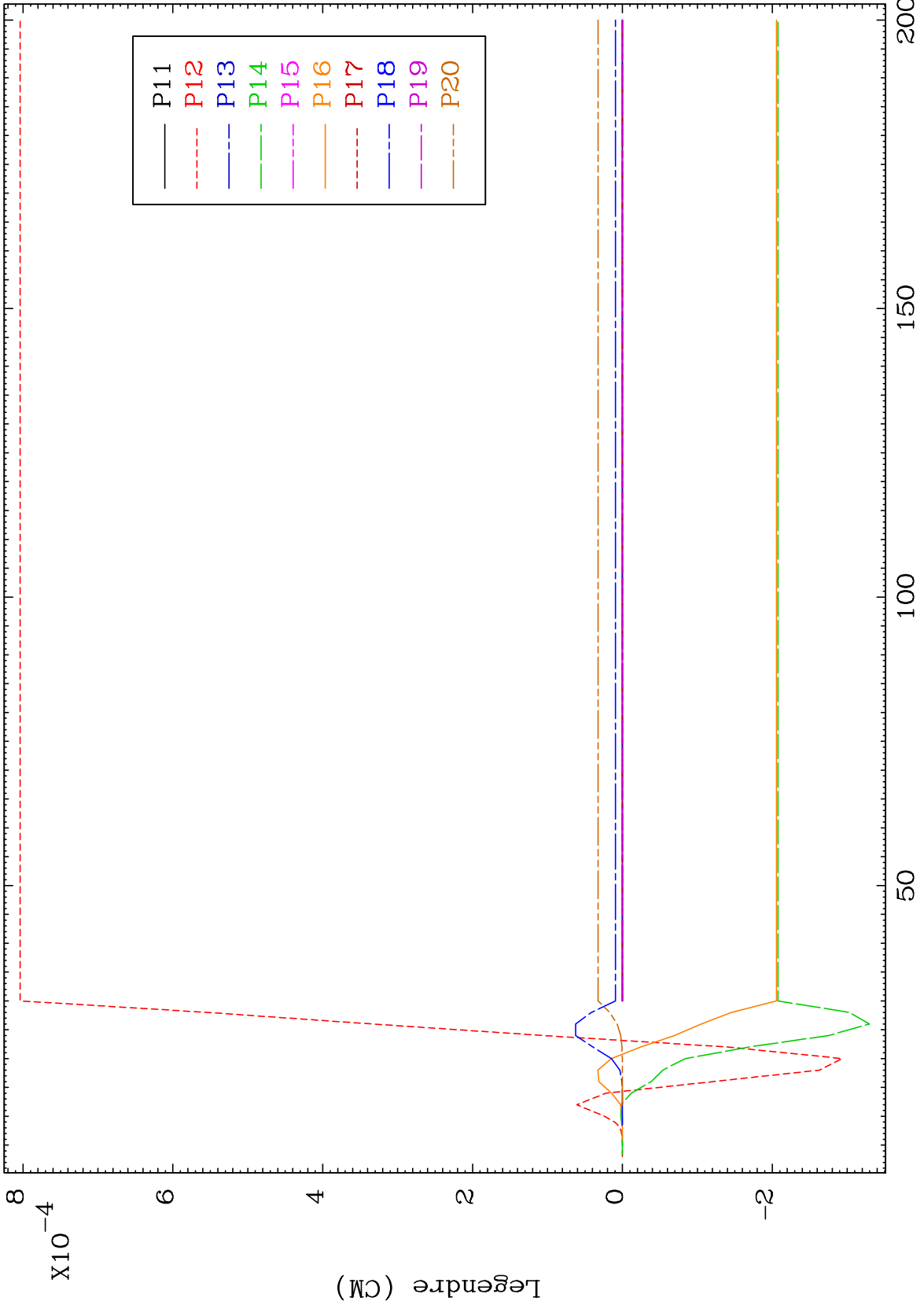
Incident Energy (MeV)

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MAT 6285

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

62-Sm-164

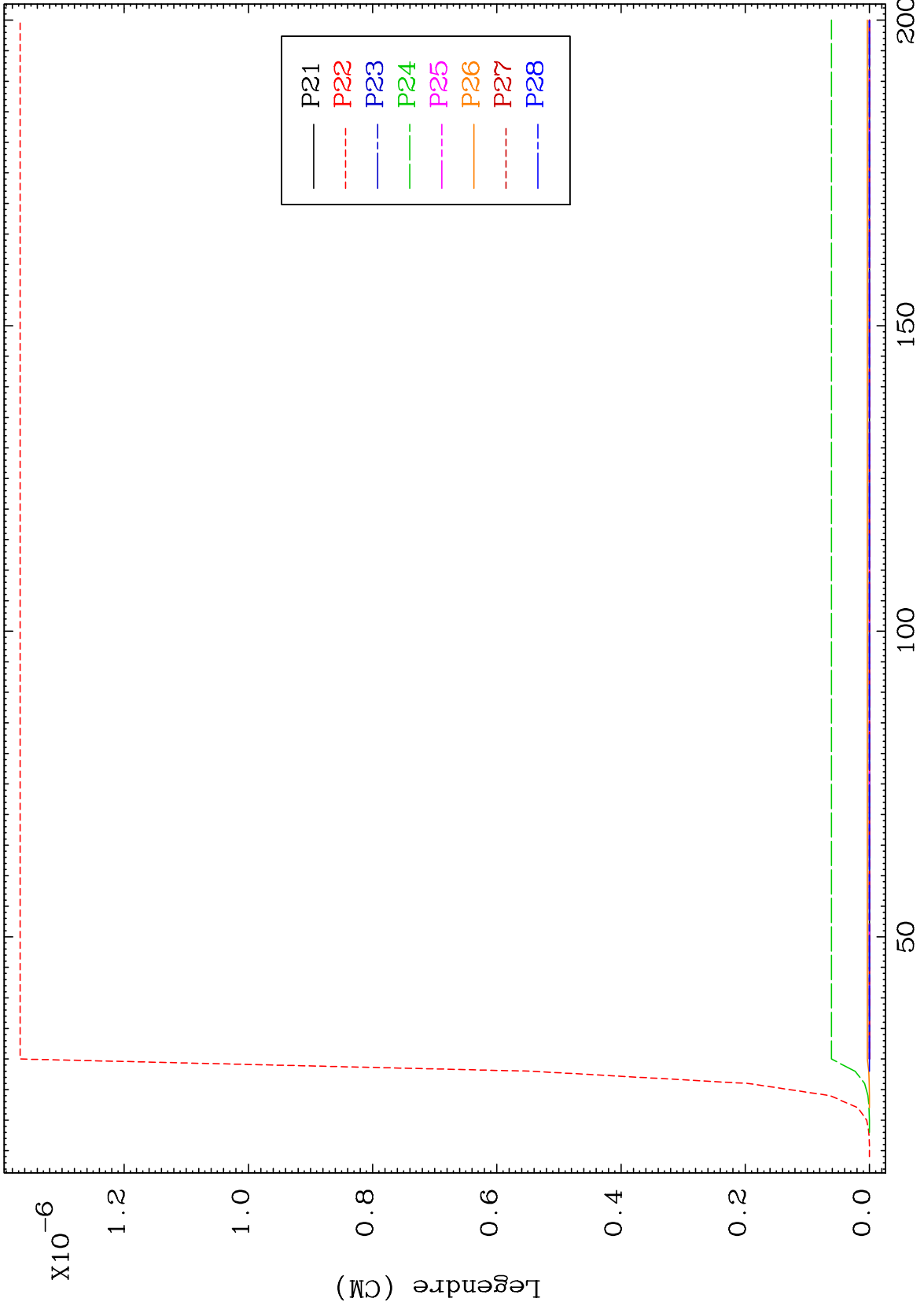


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Incident Energy (MeV)

62-Sm-164

MAT 6285 MT= 54 (n,n') Level Legendre Coefficients 62-Sm-164

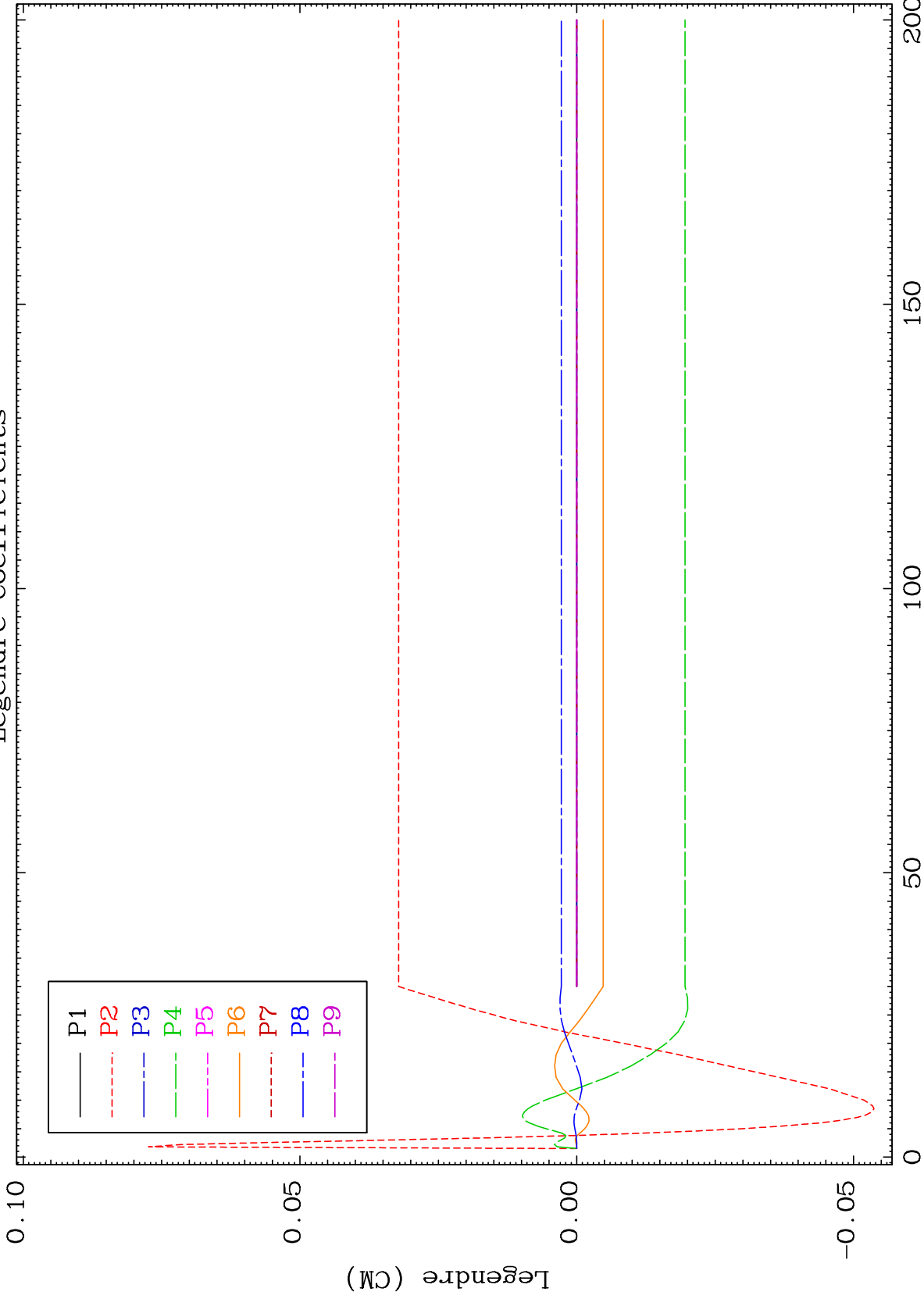


34 Incident Energy (MeV) 62-Sm-164

MAT 6285

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

62-Sm-164



62-Sm-164

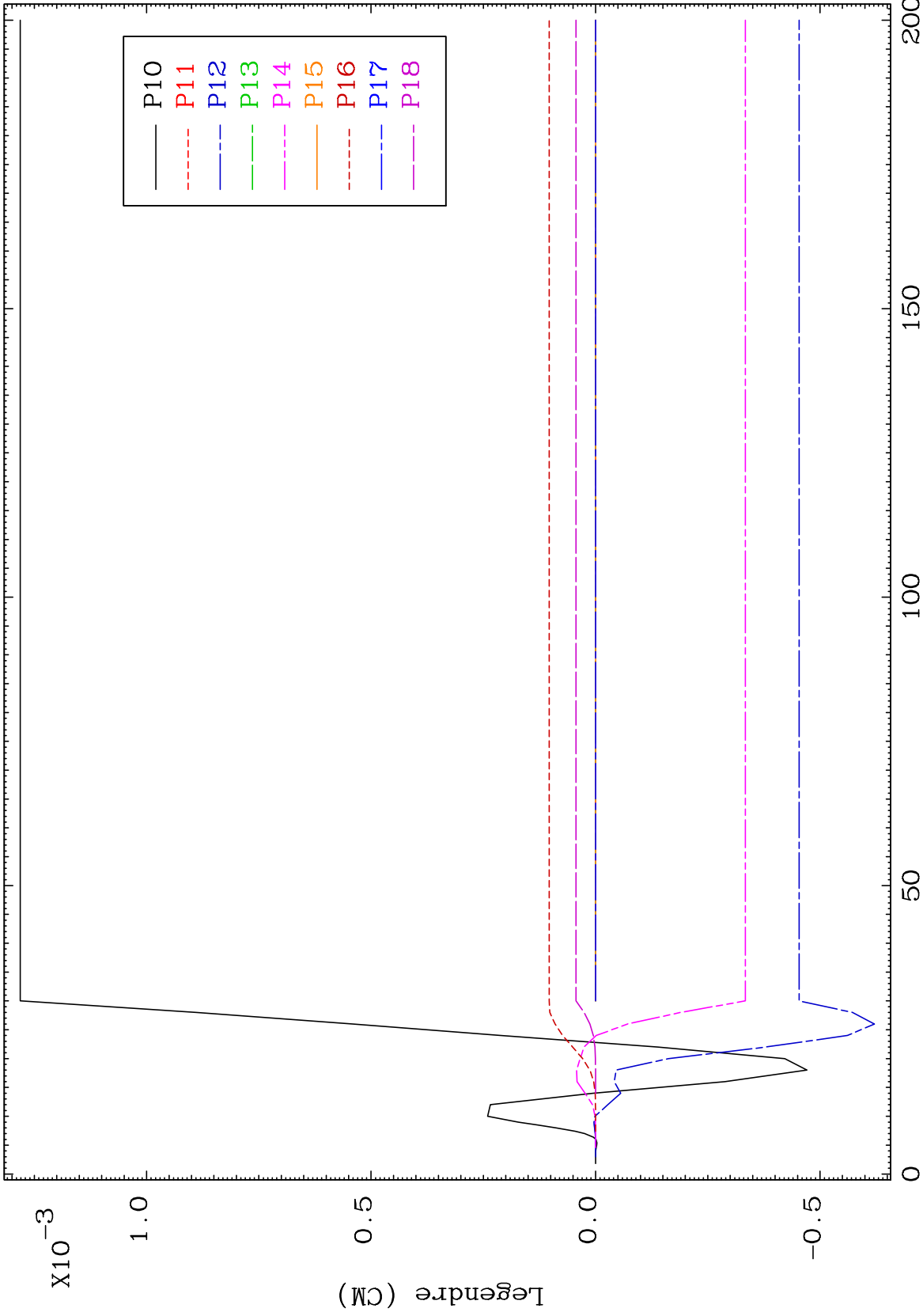
Incident Energy (MeV)

35

MAT 6285

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

62-Sm-164



36

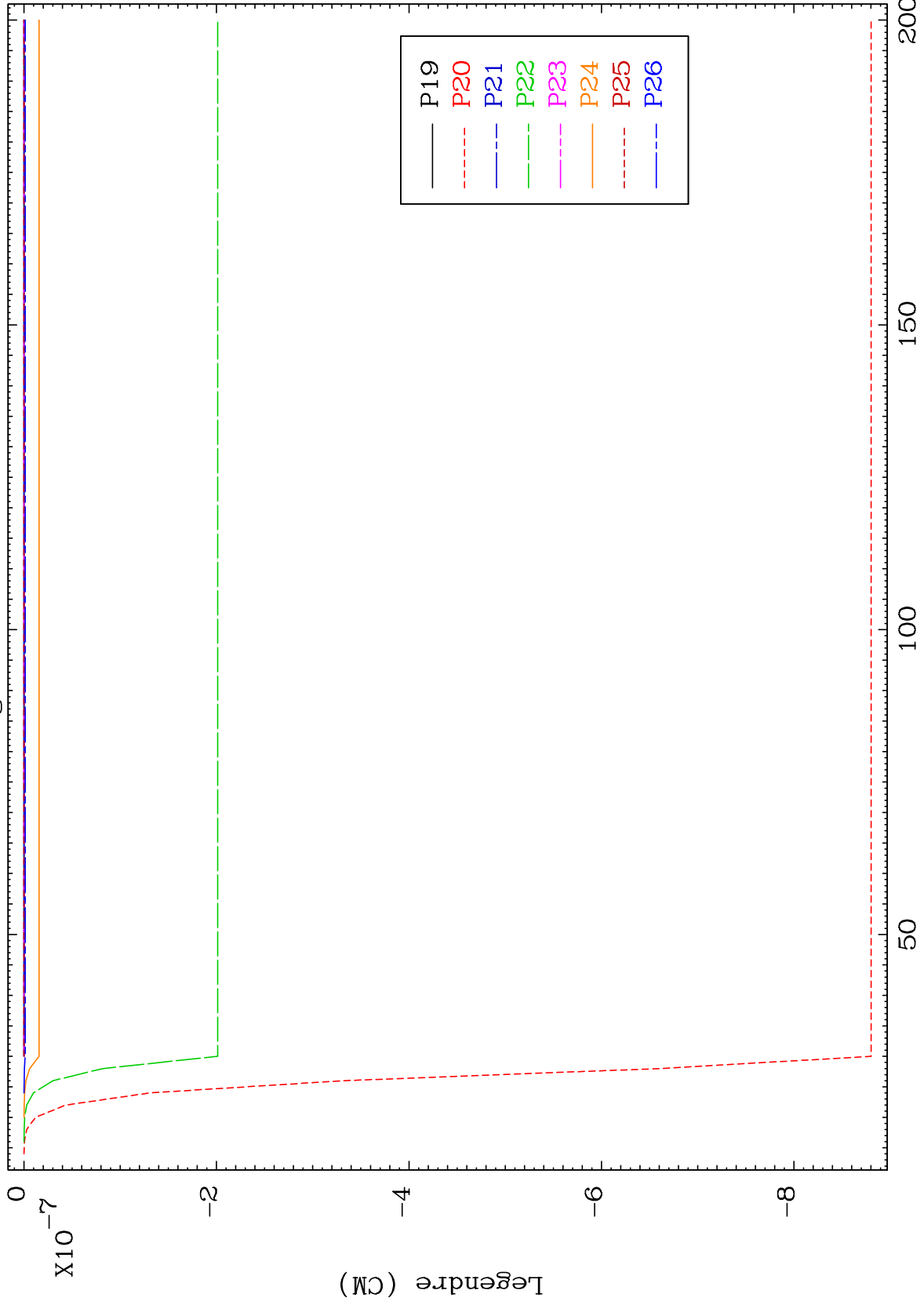
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



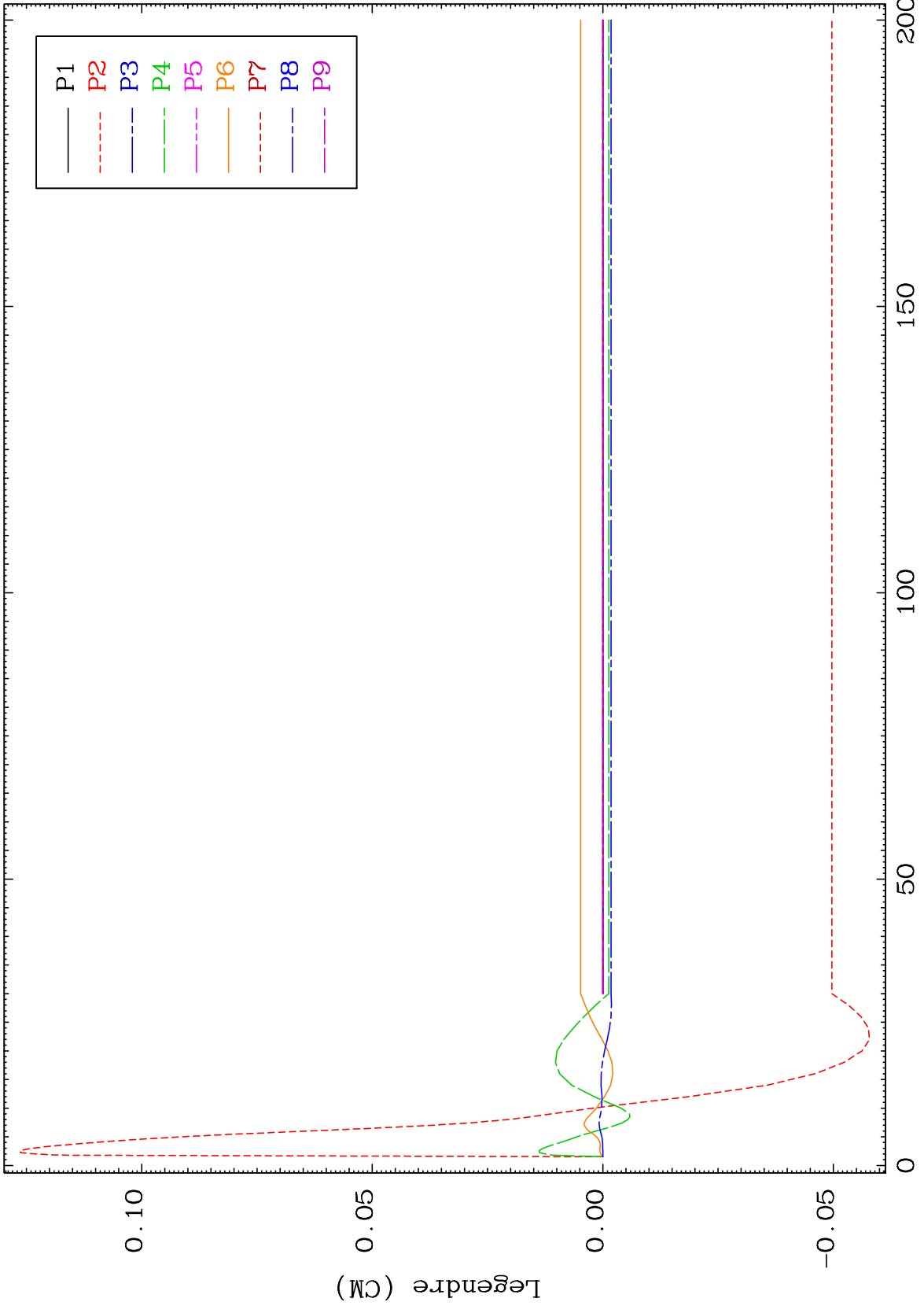
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37

MAT 6285

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

62-Sm-164



38

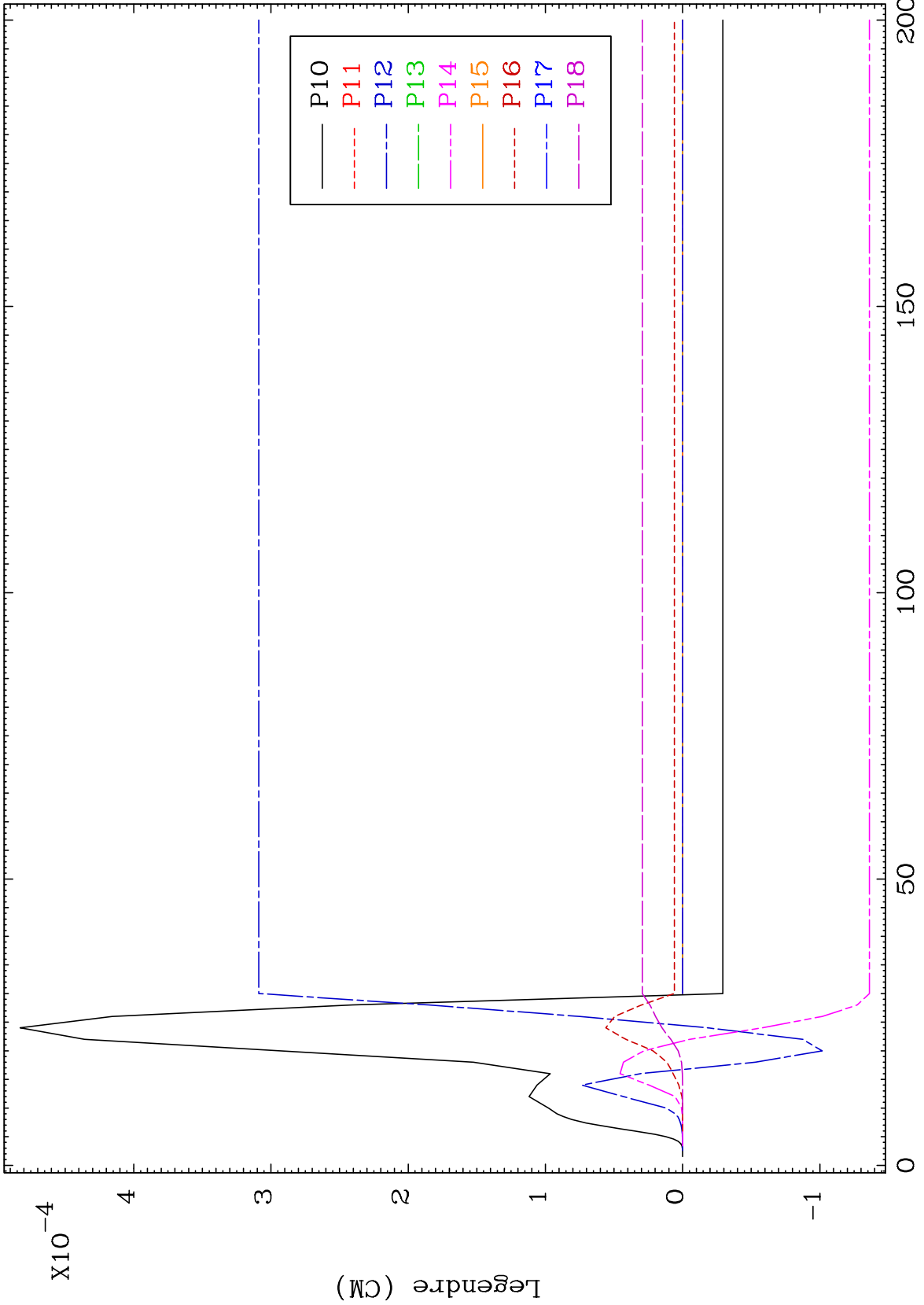
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



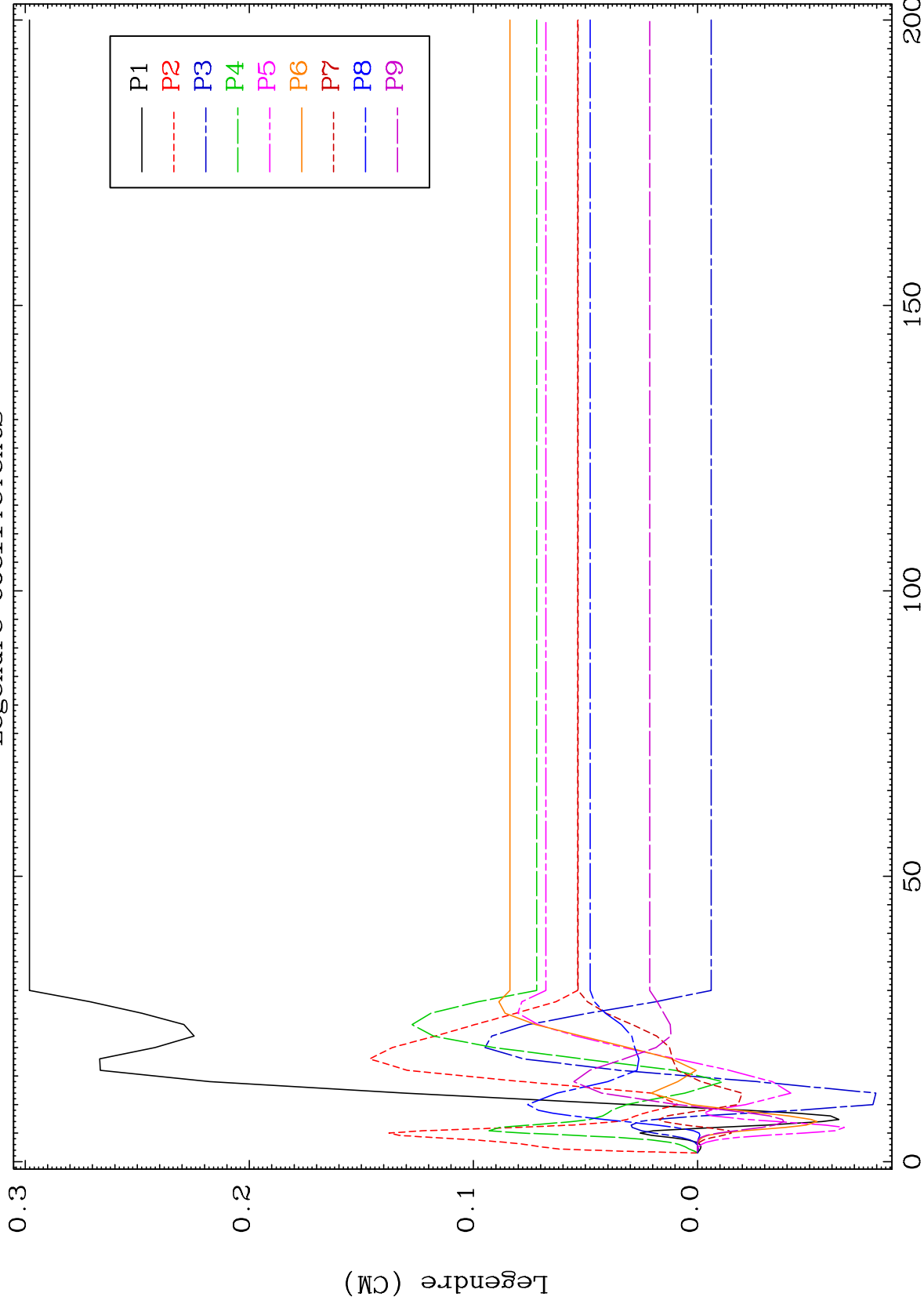
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62-Sm-164

MAT 6285

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

62-Sm-164



41

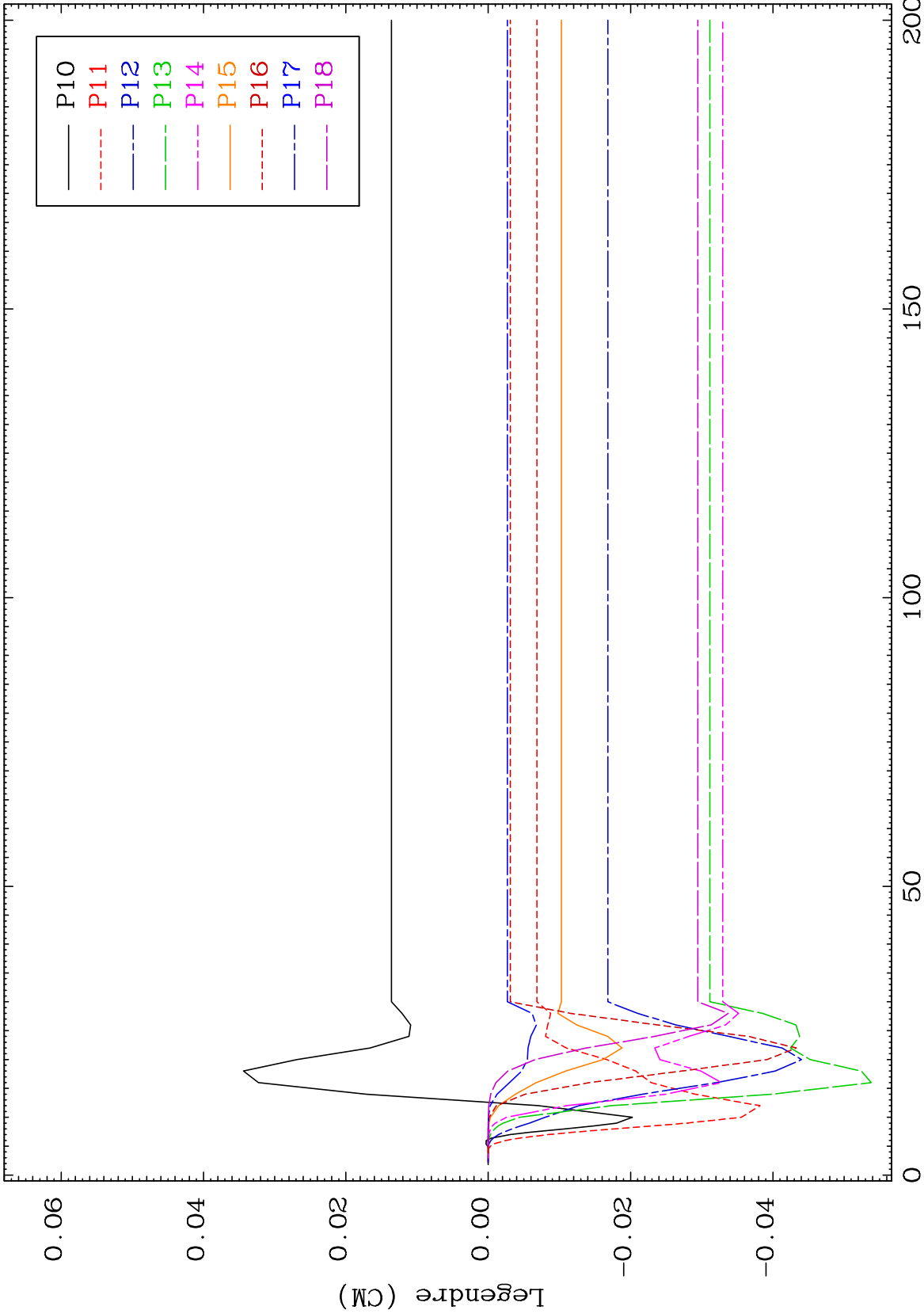
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



42

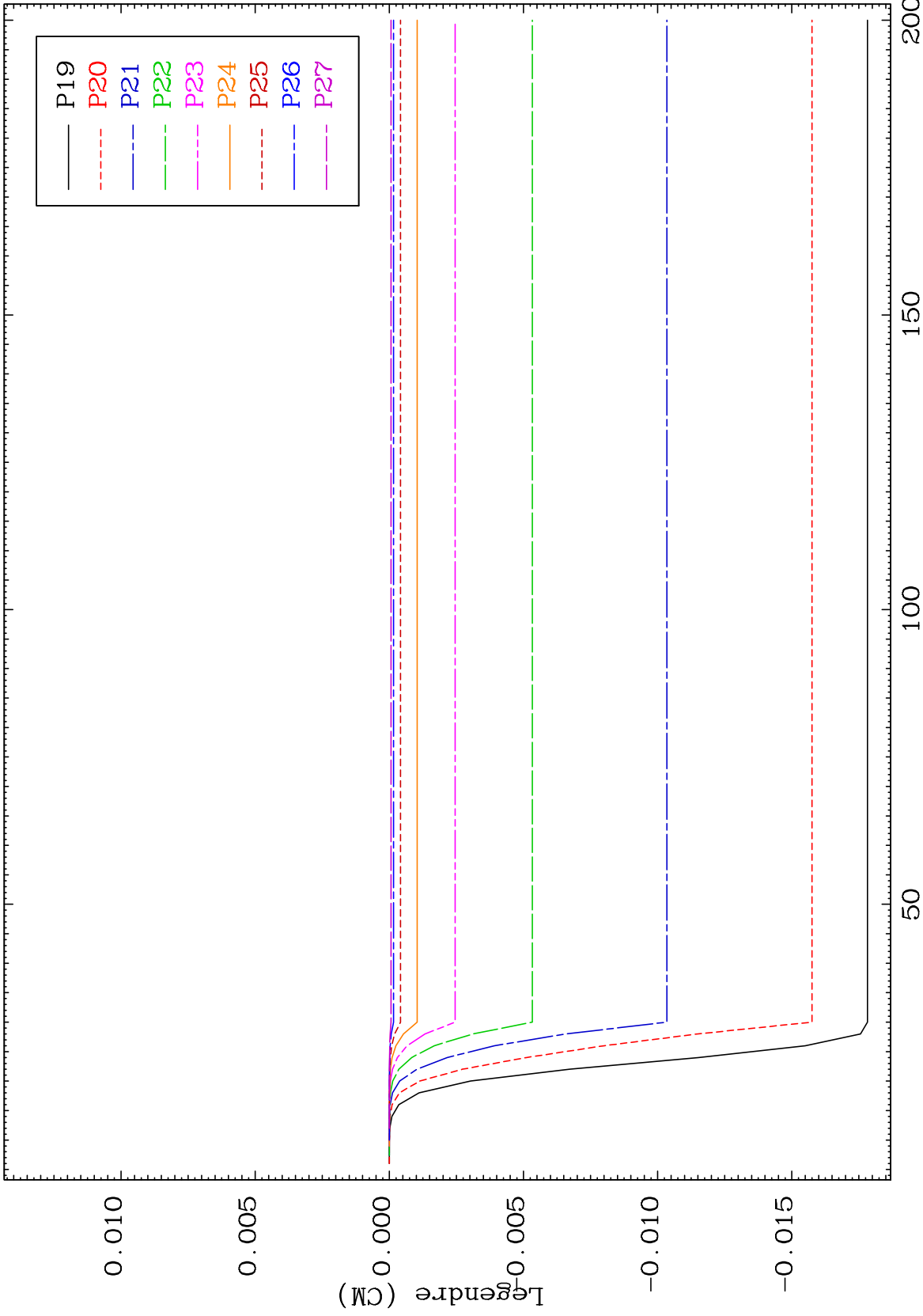
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



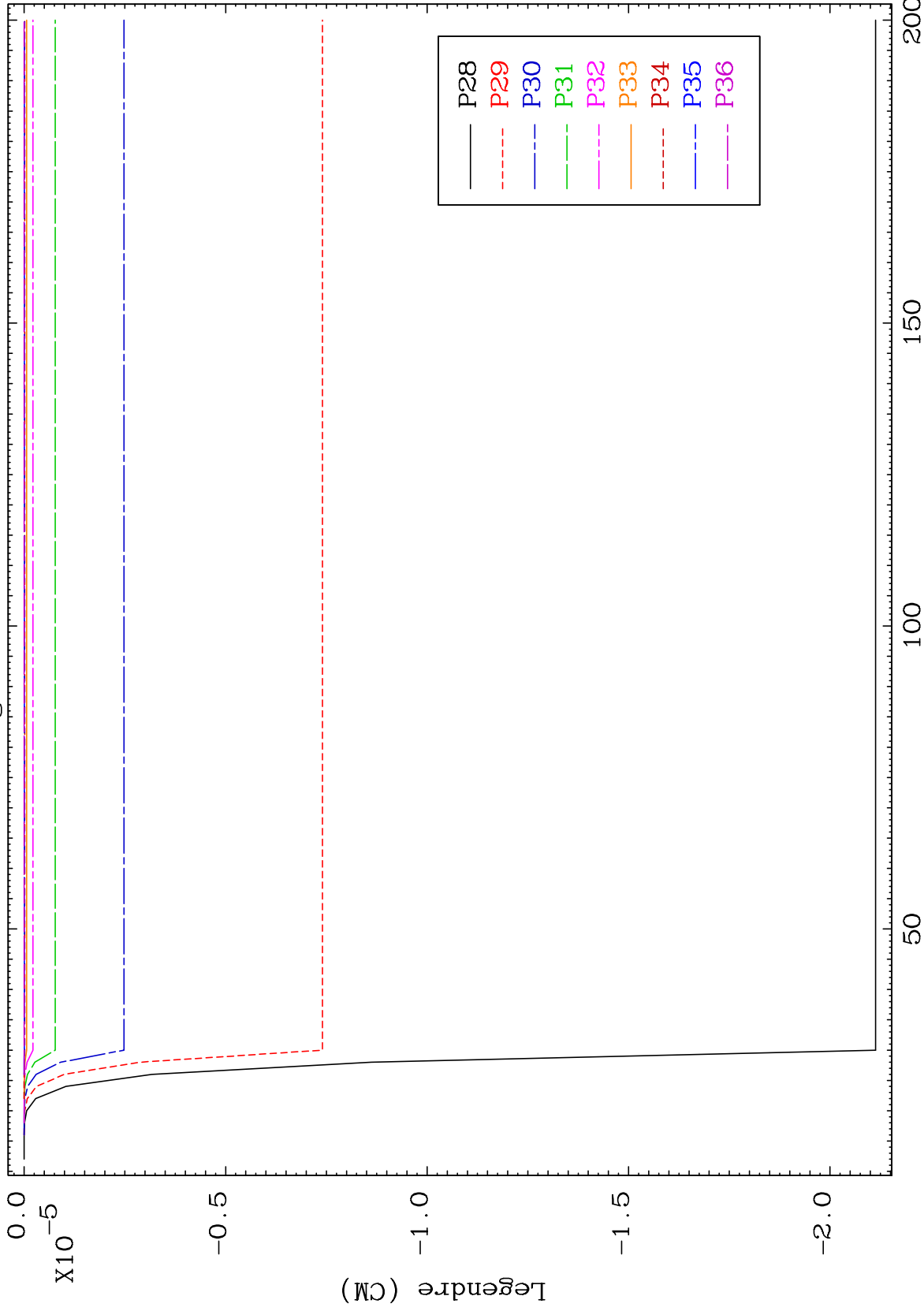
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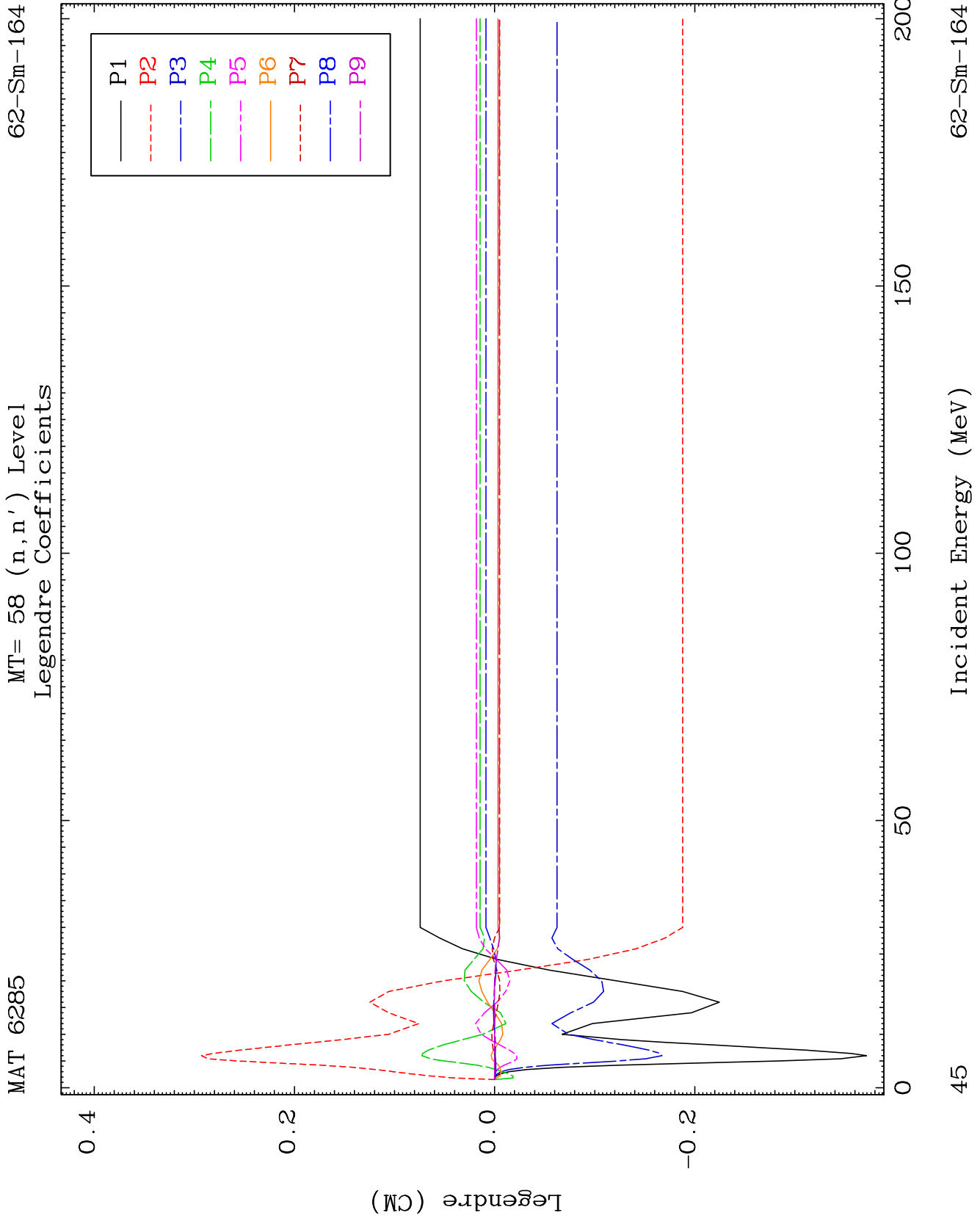
Incident Energy (MeV)

62-Sm-164

MAT 6285 MT= 57 (n,n') Level 62-Sm-164

Legendre Coefficients

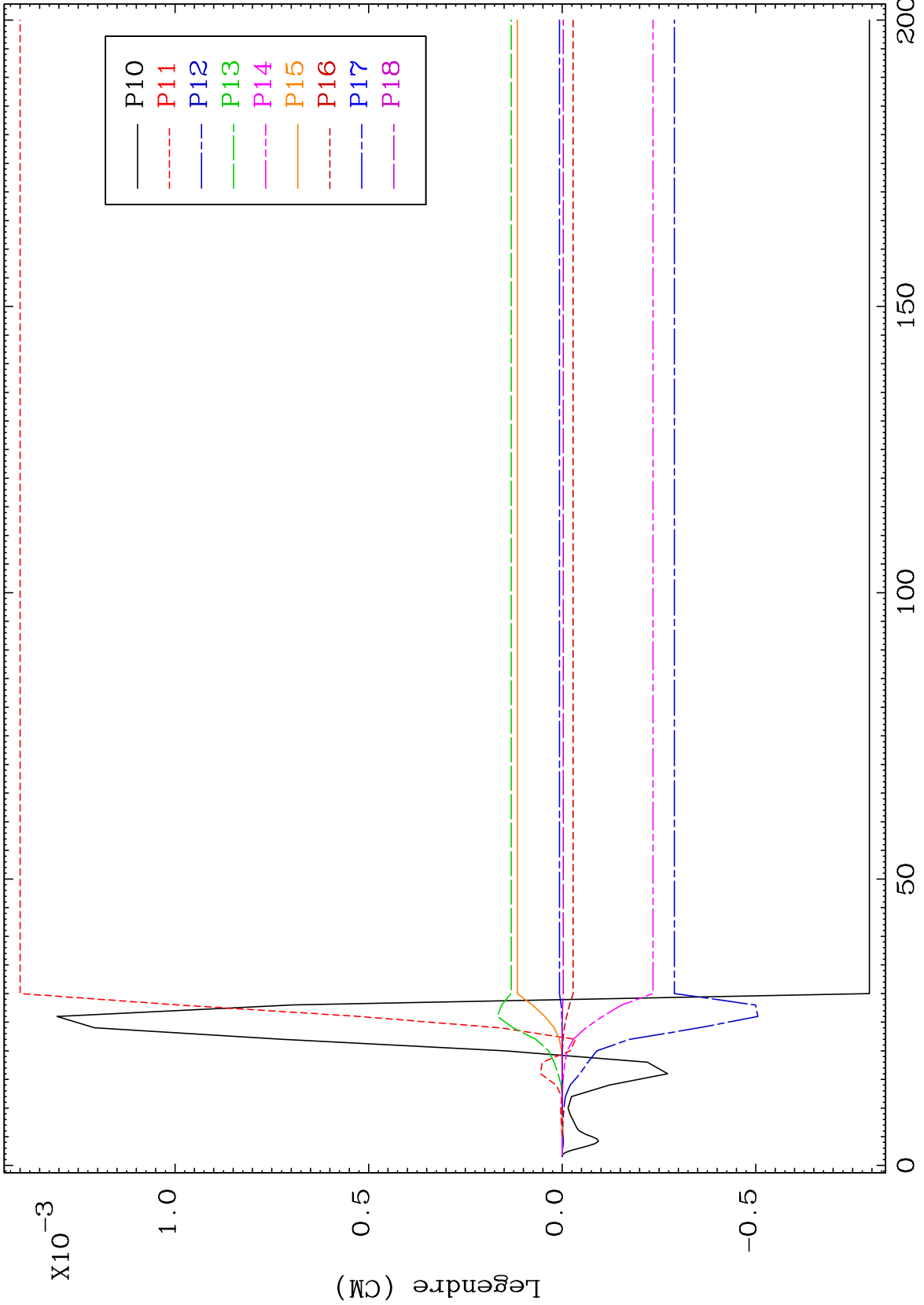




MAT 6285

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

62-Sm-164



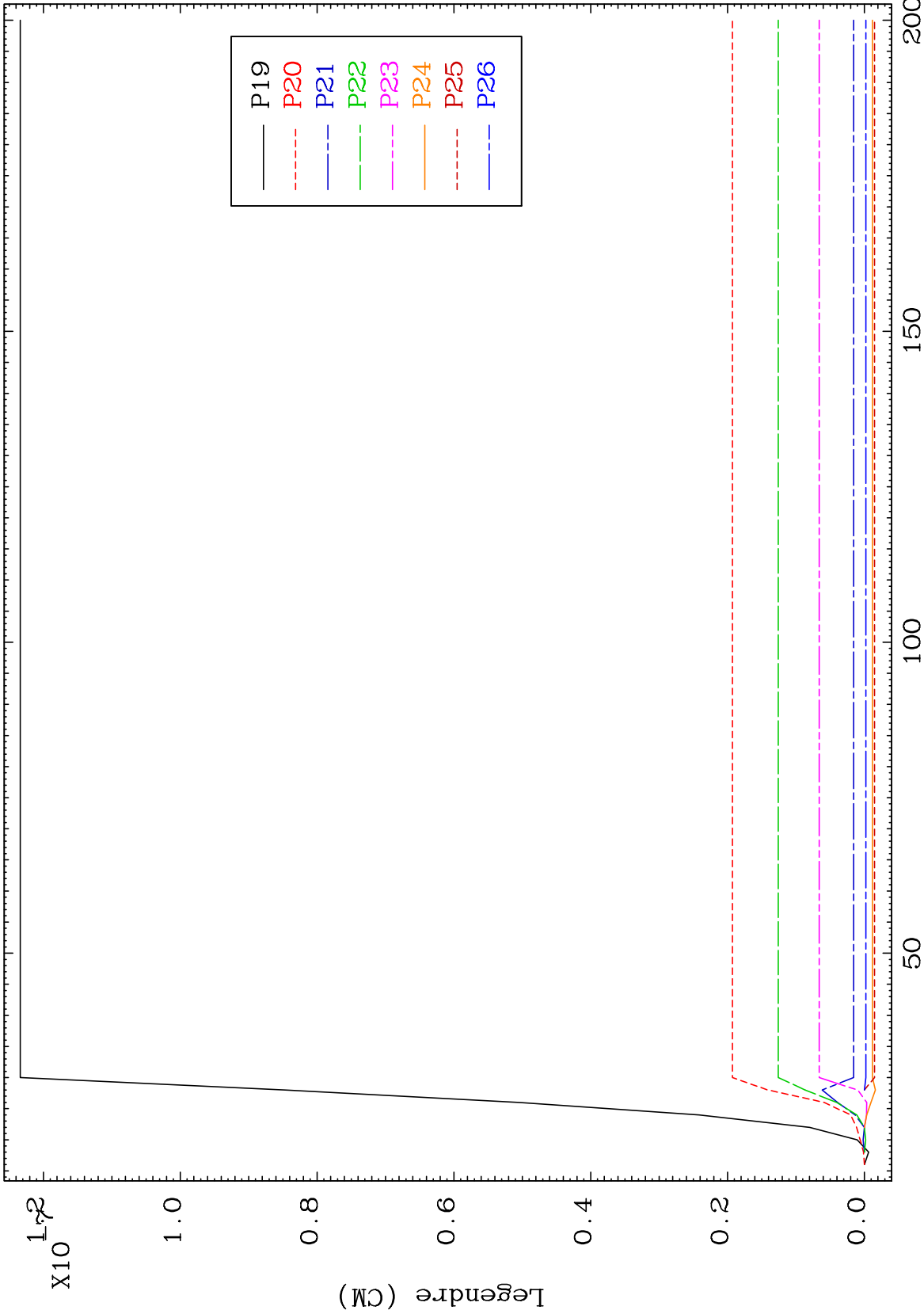
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62-Sm-164

MAT 6285

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

62-Sm-164



47

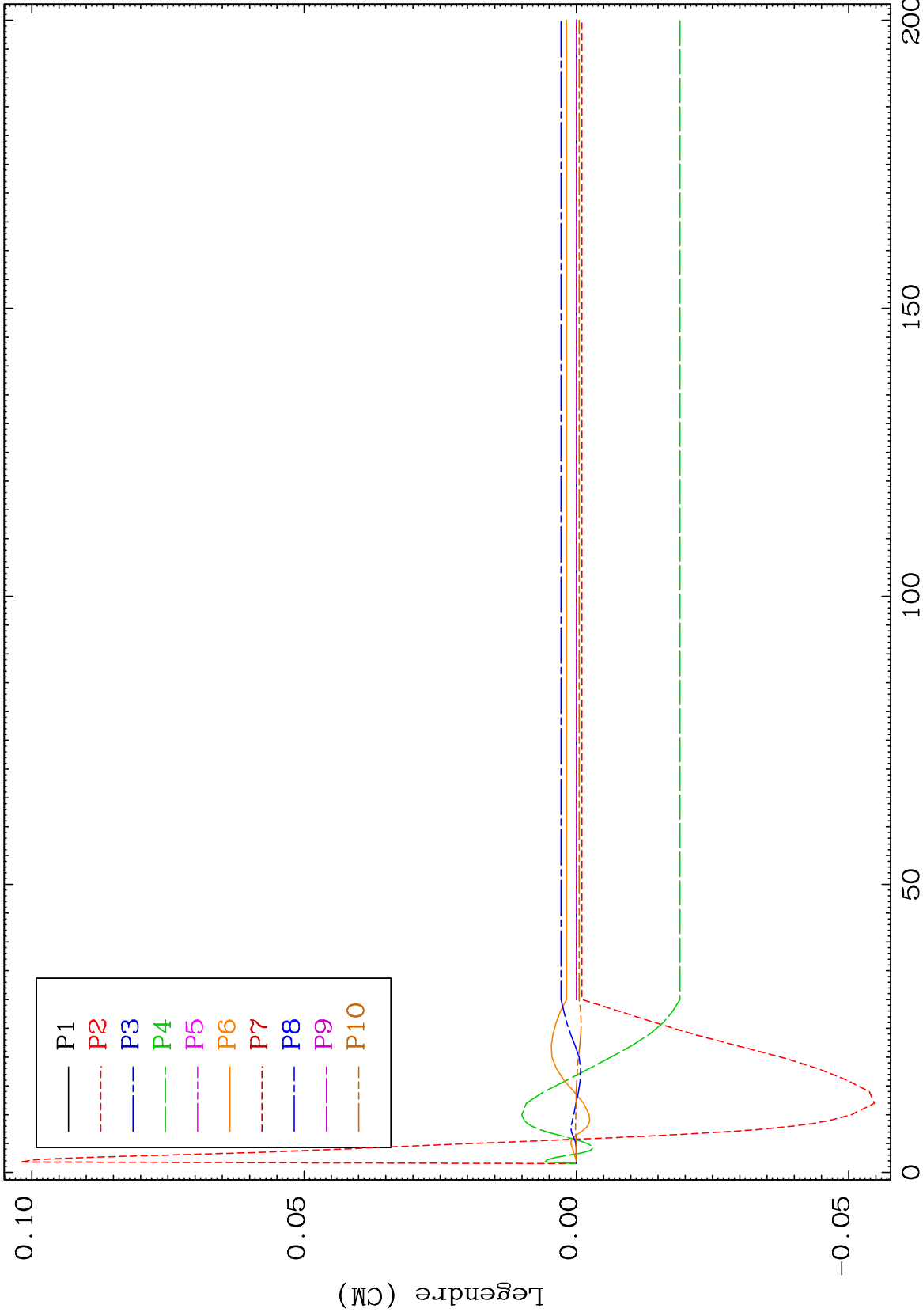
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



48

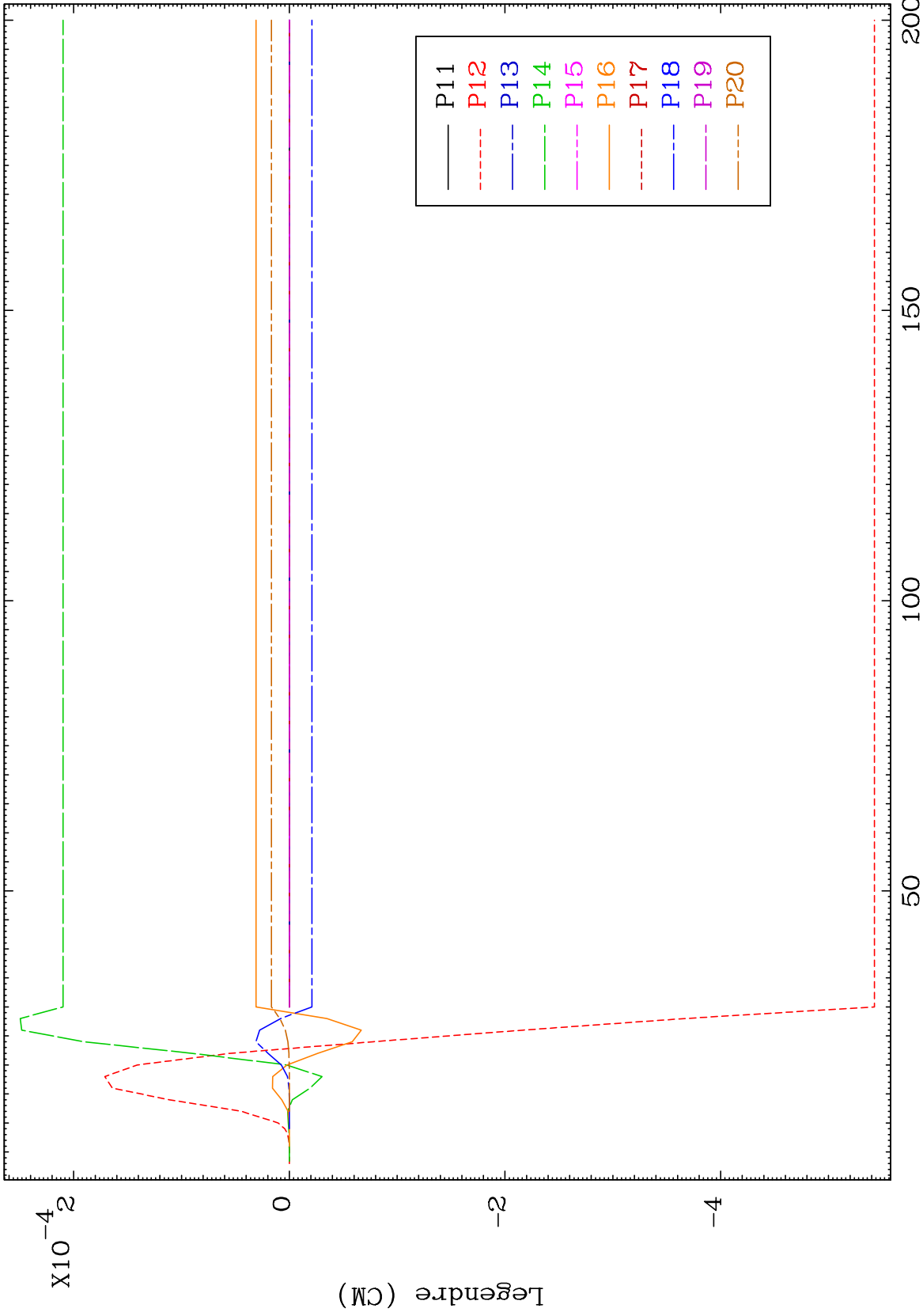
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



49

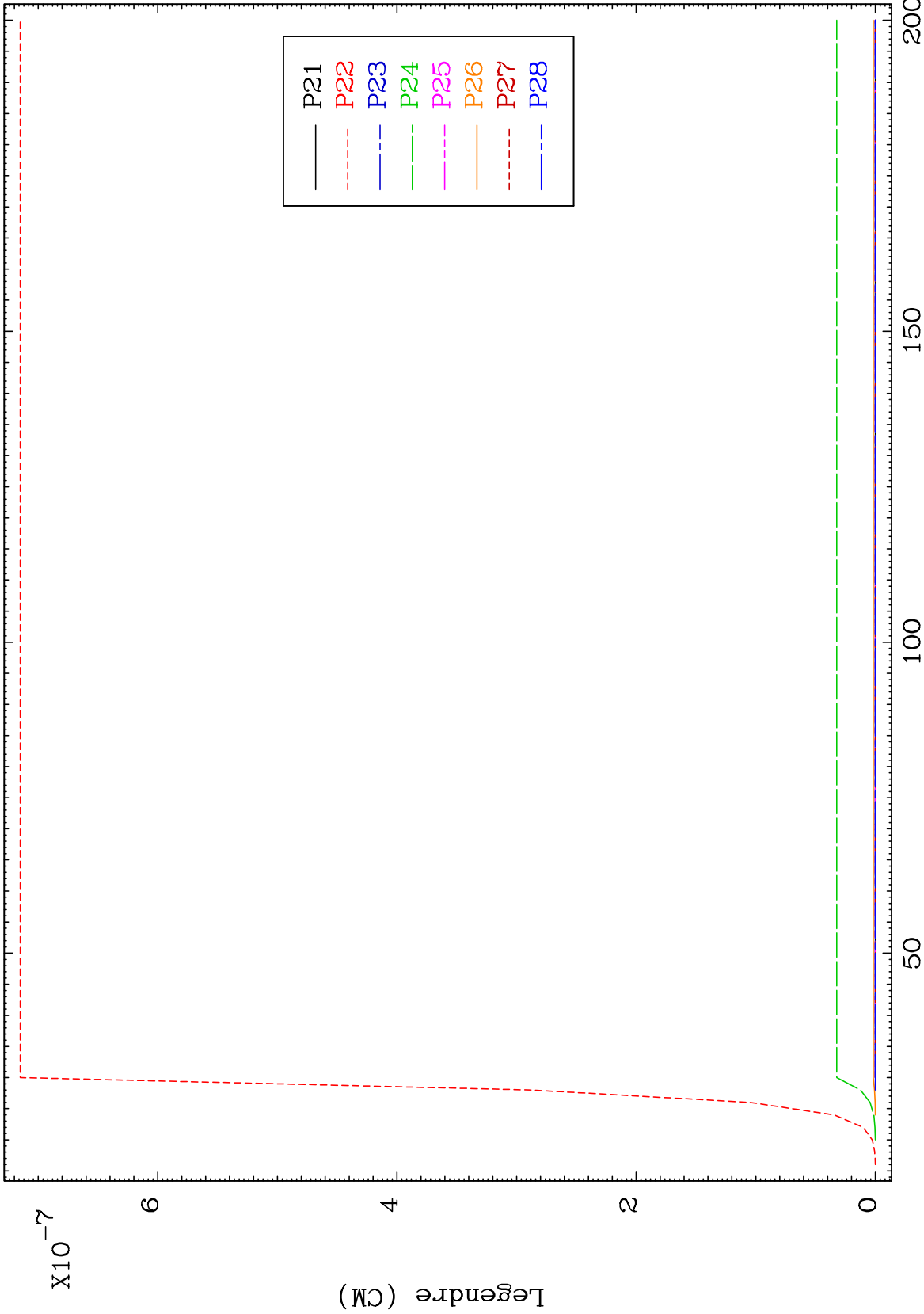
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



50

50

100

150

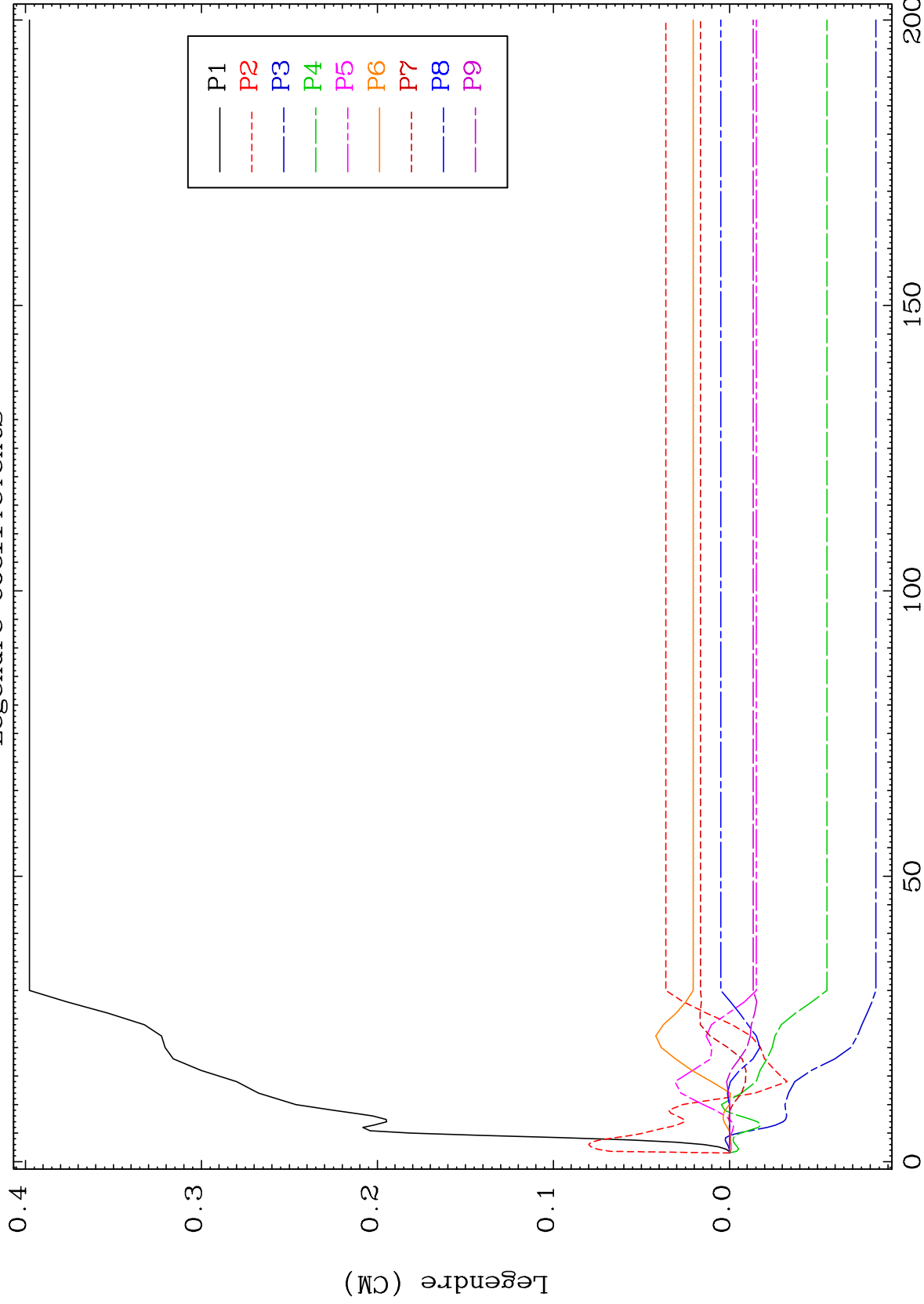
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Incident Energy (MeV)

62-Sm-164

MAT 6285 MT= 60 (n,n') Level Legendre Coefficients

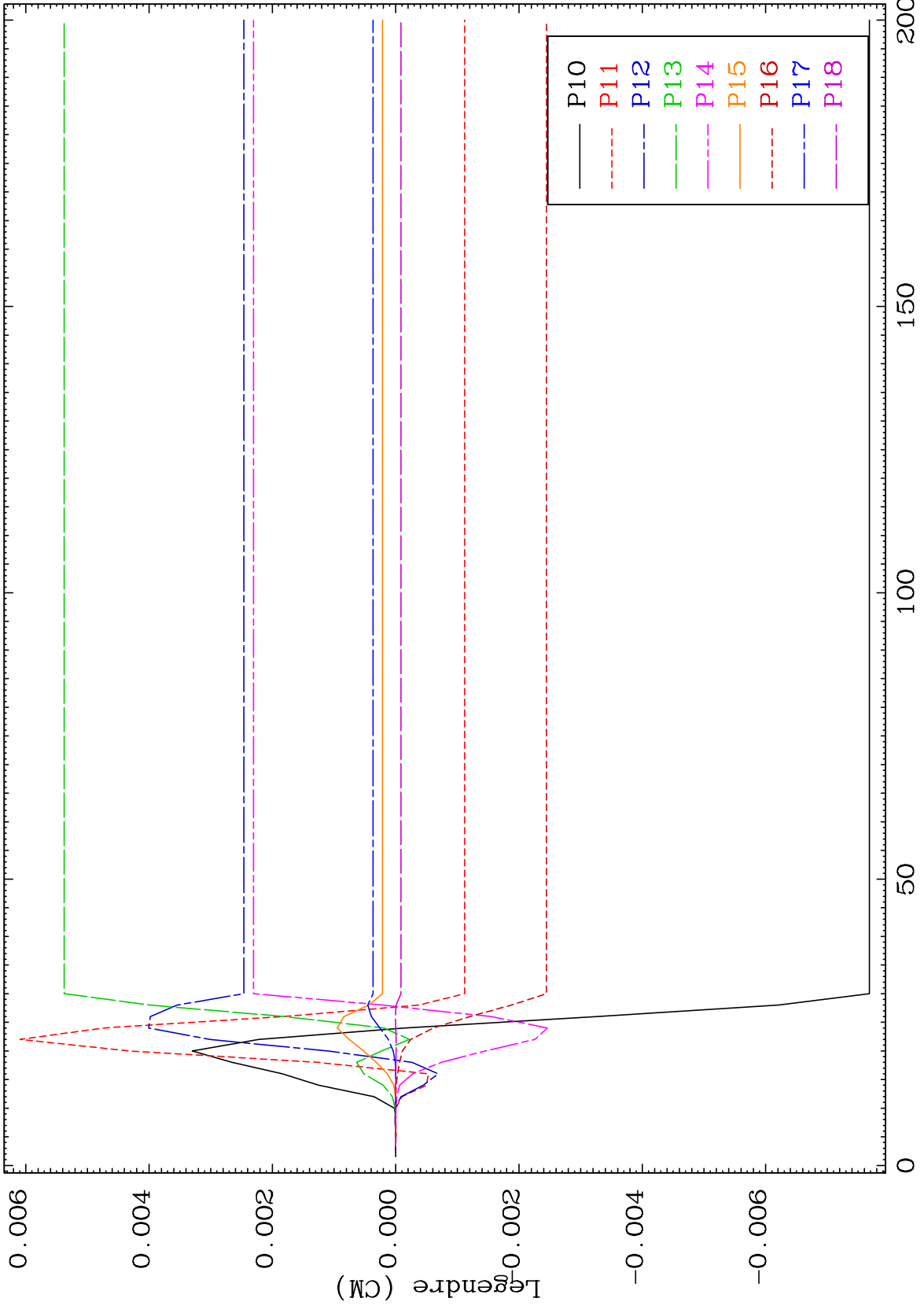
62-Sm-164



62-Sm-164

Incident Energy (MeV)

MAT 6285 MT= 60 (n,n') Level Legendre Coefficients 62-Sm-164

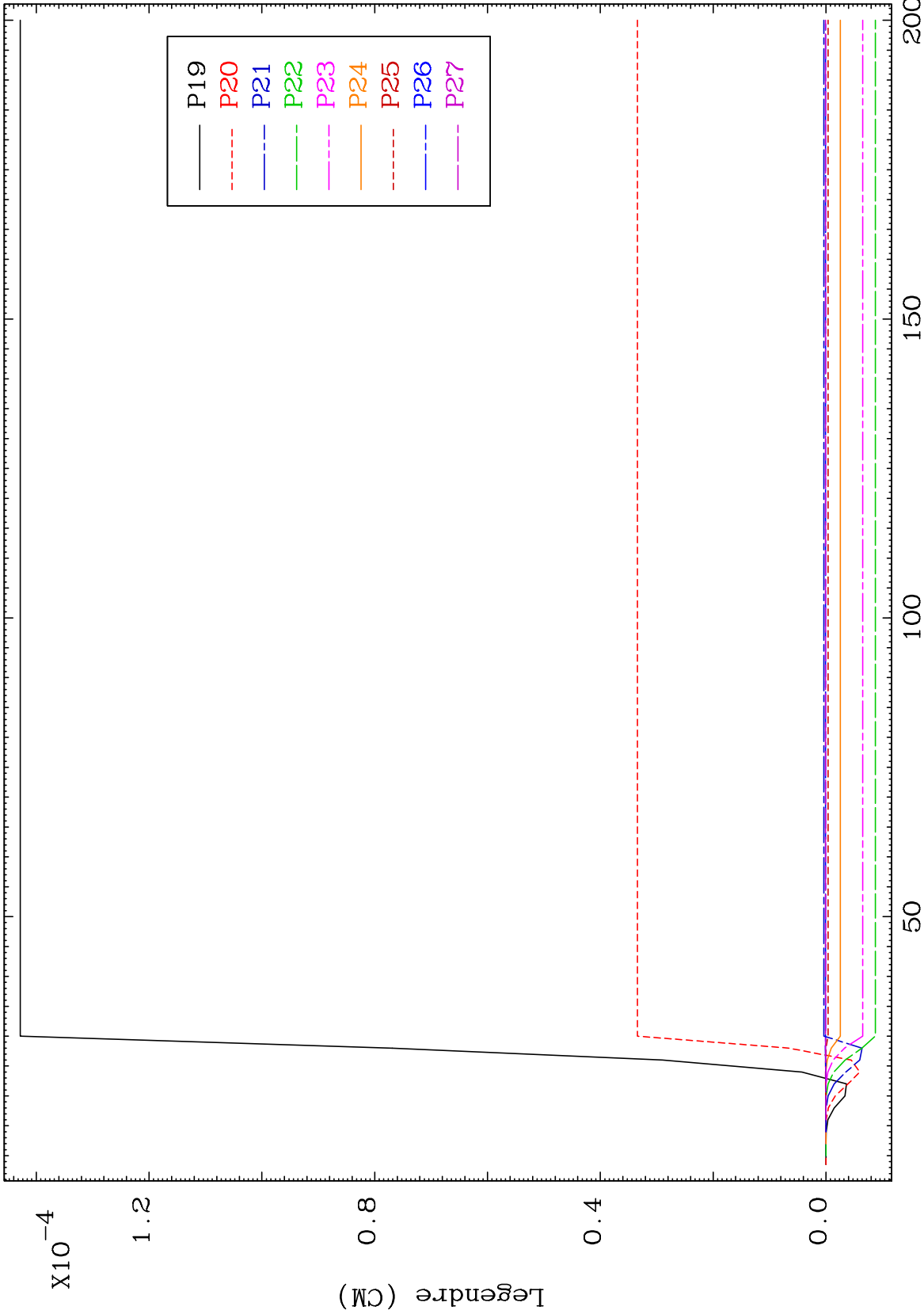


52 62-Sm-164

MAT 6285

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

62-Sm-164



53

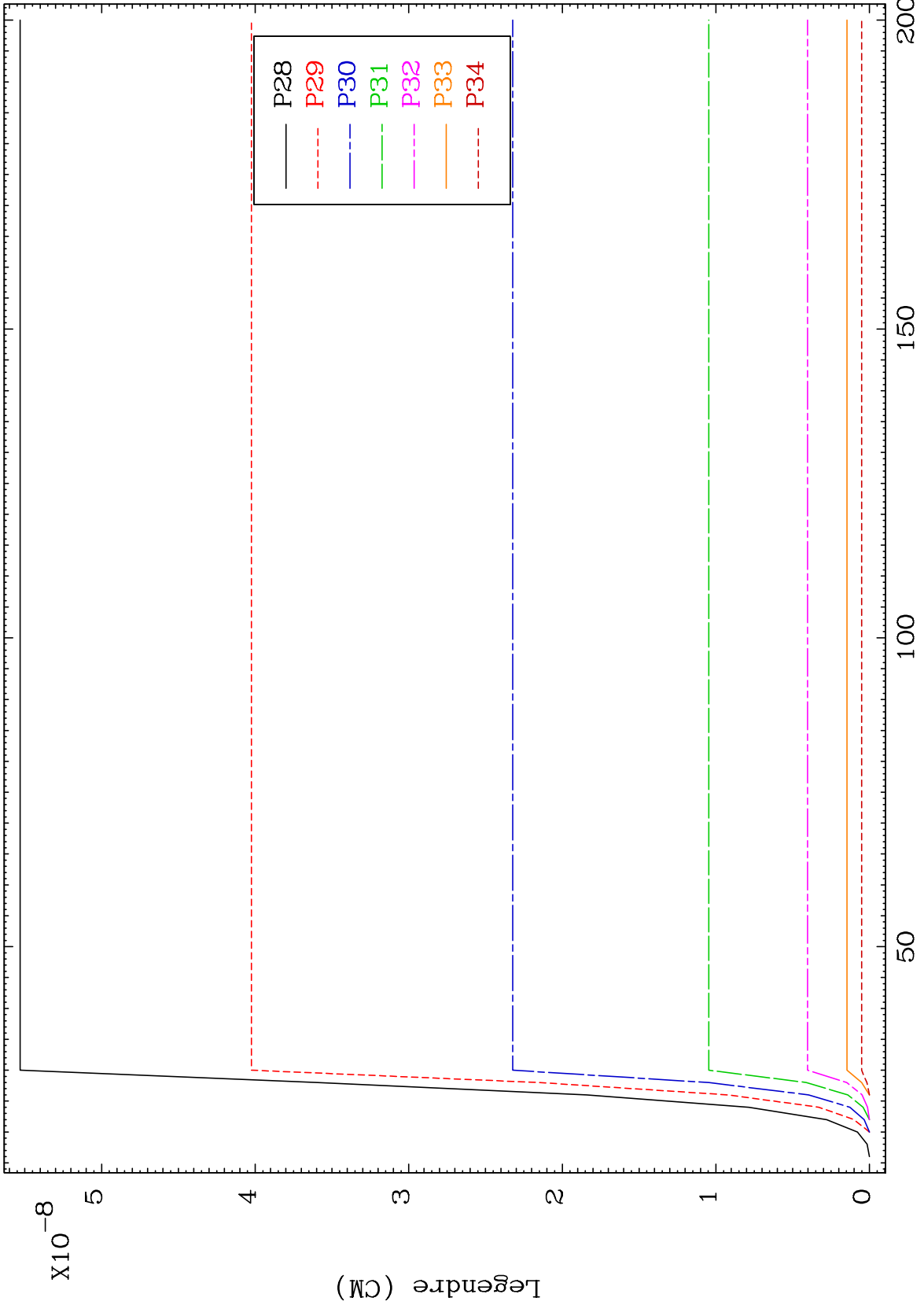
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



54

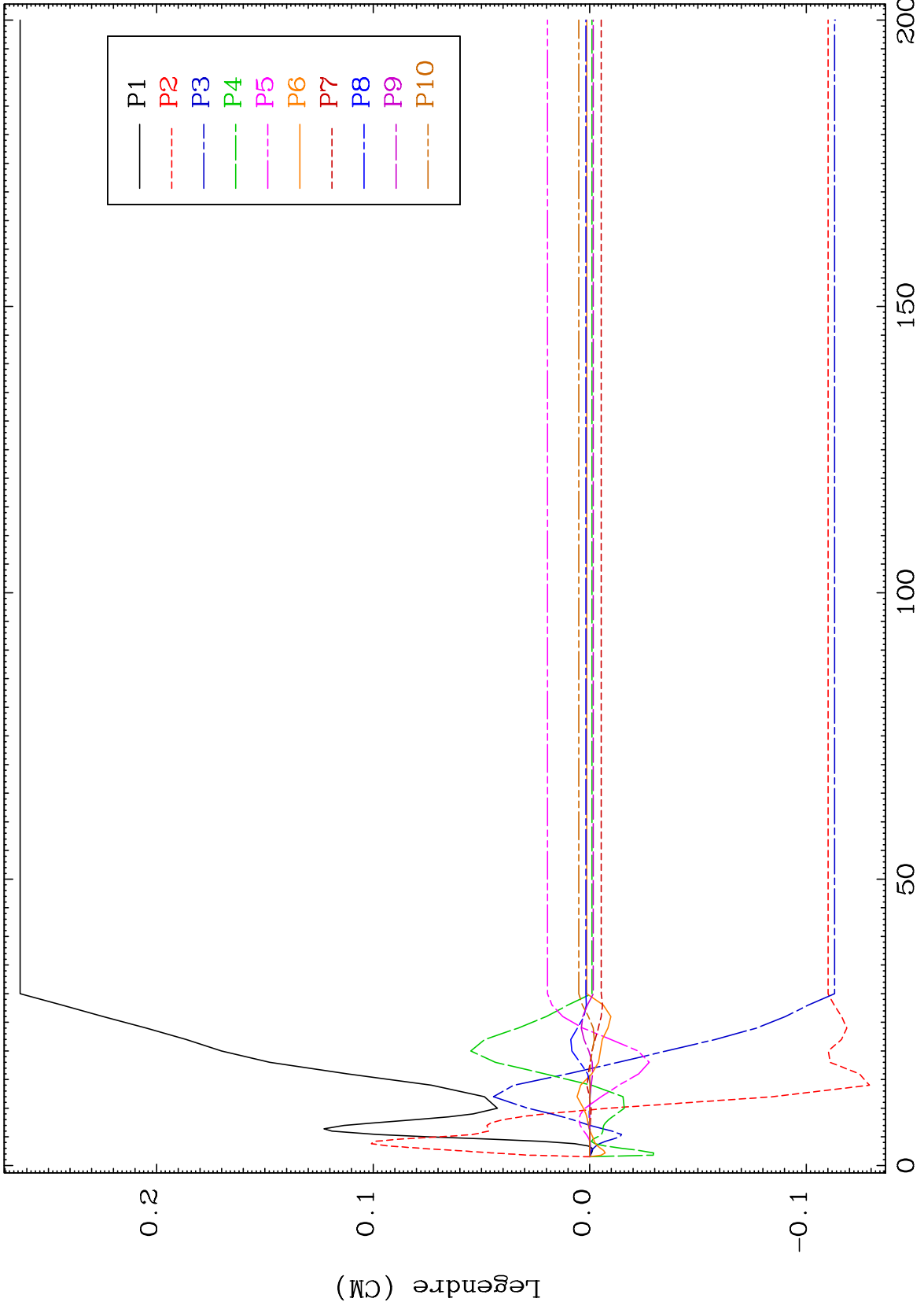
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



55

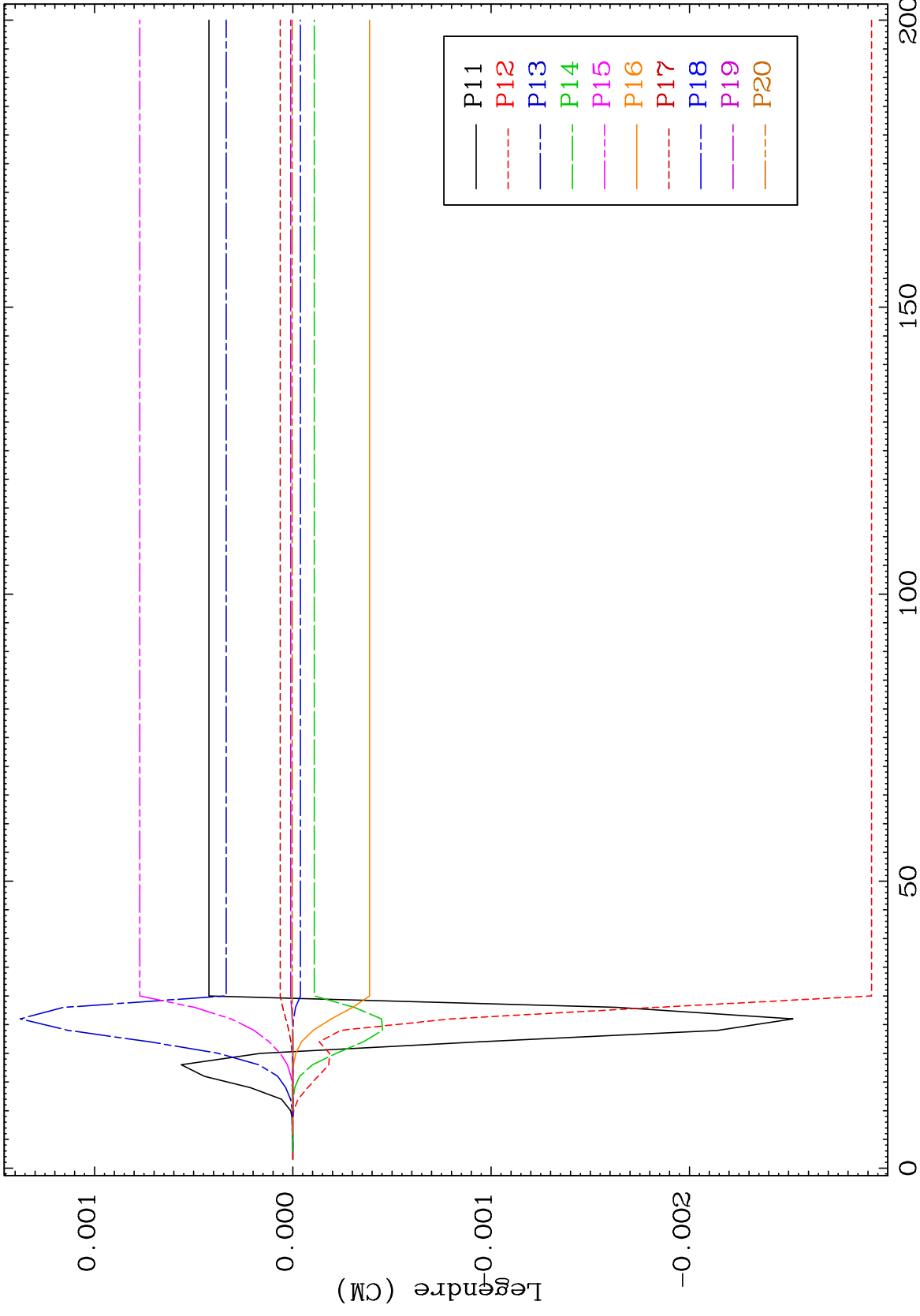
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



56

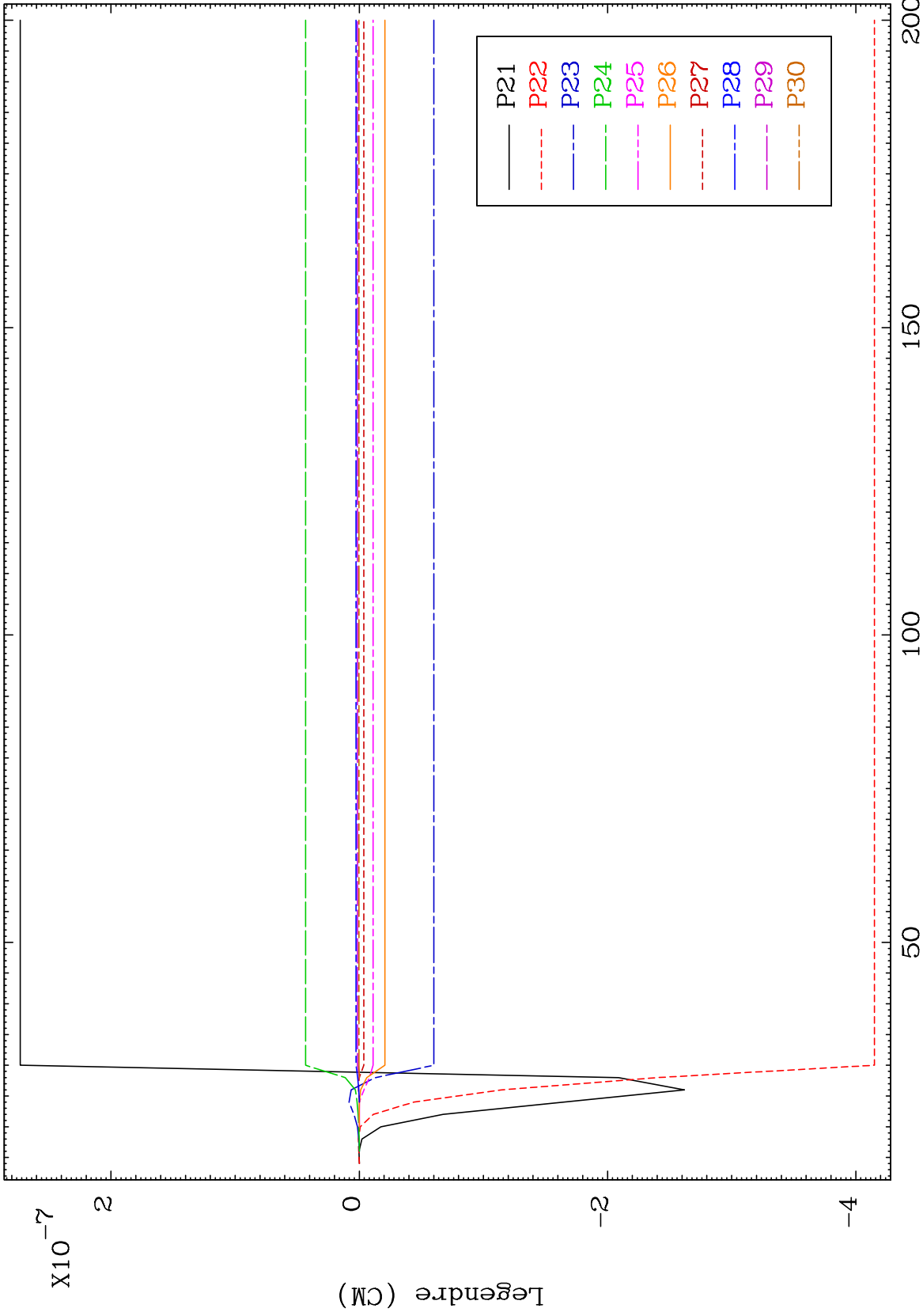
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



57

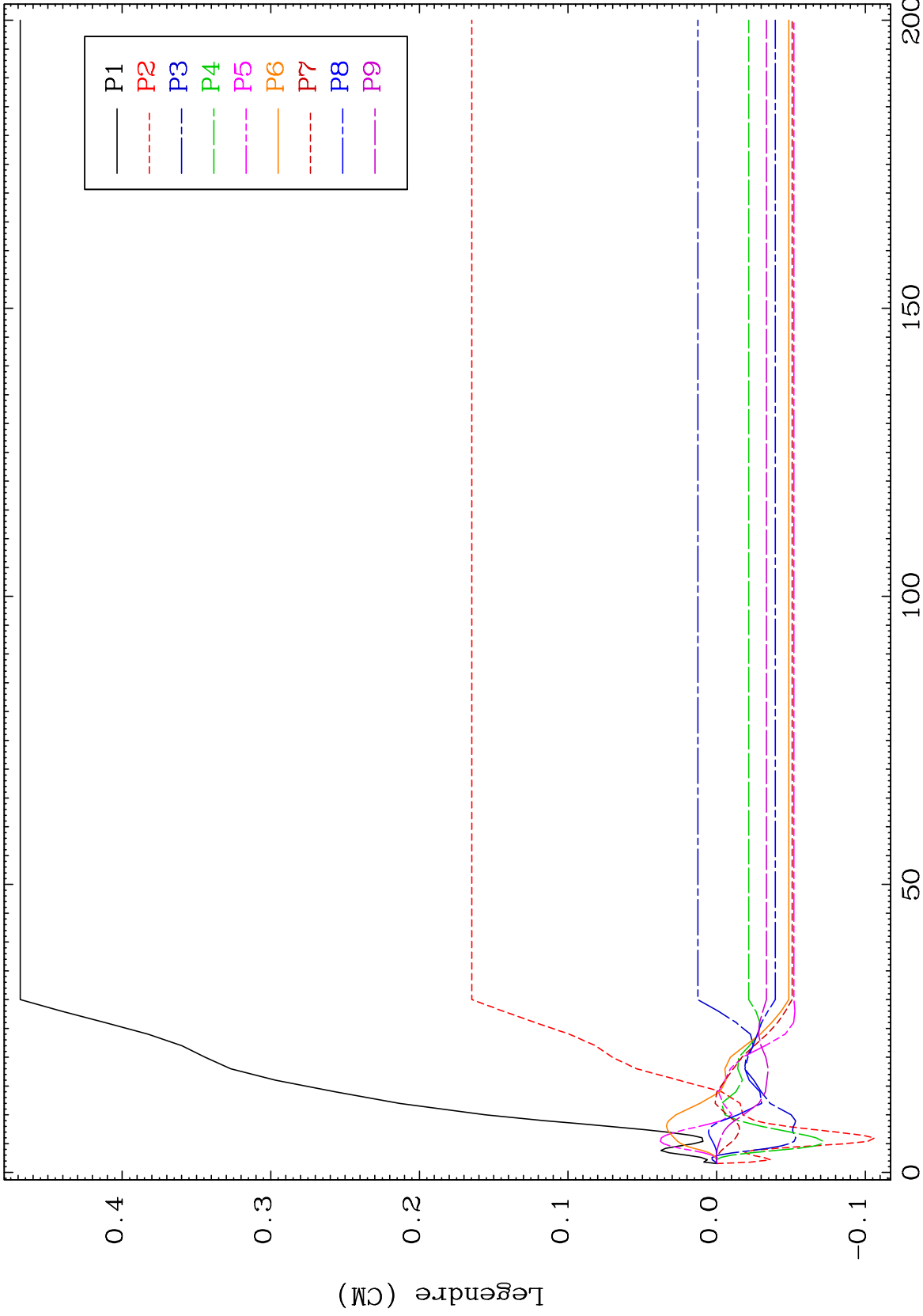
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



58

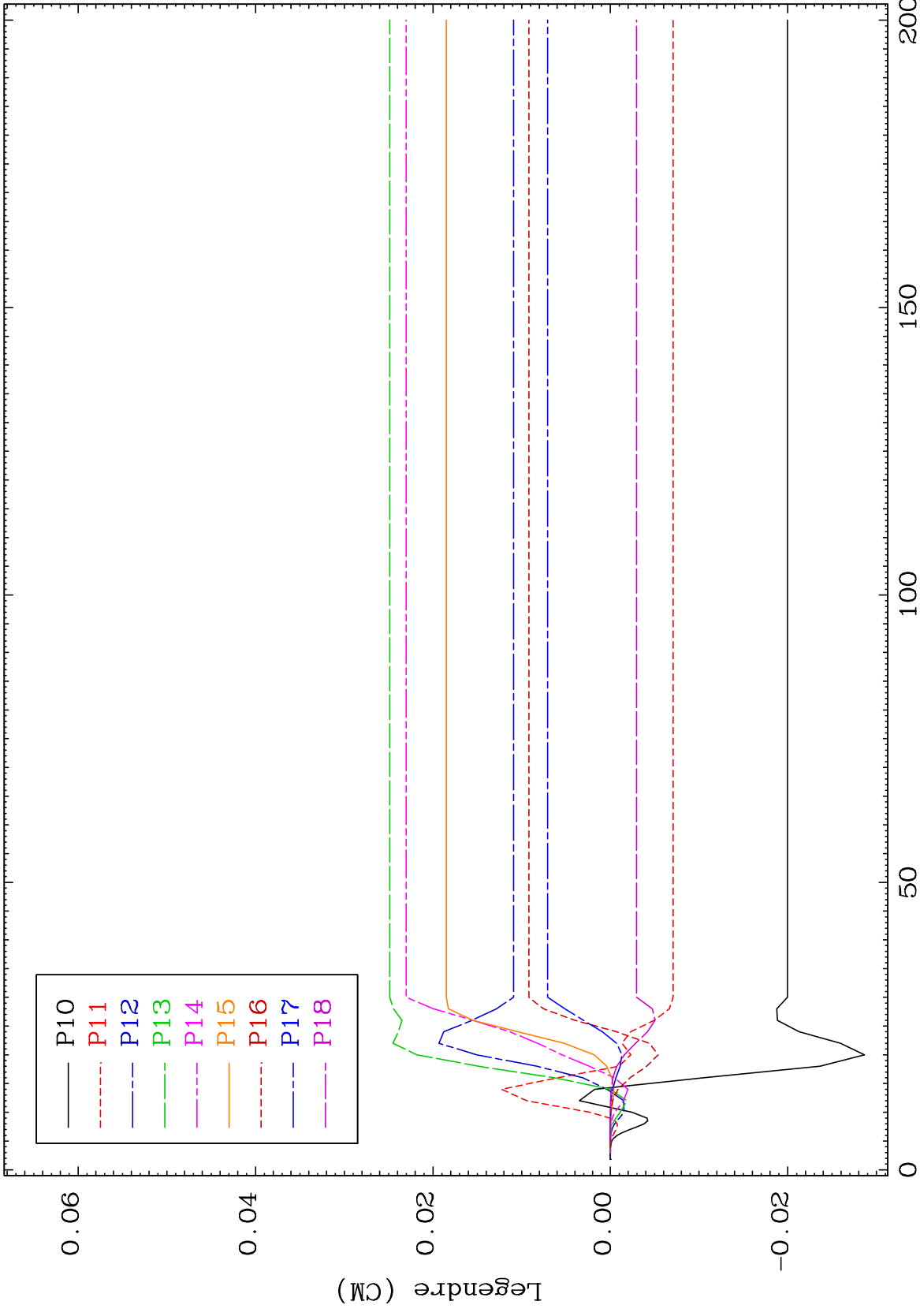
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



59

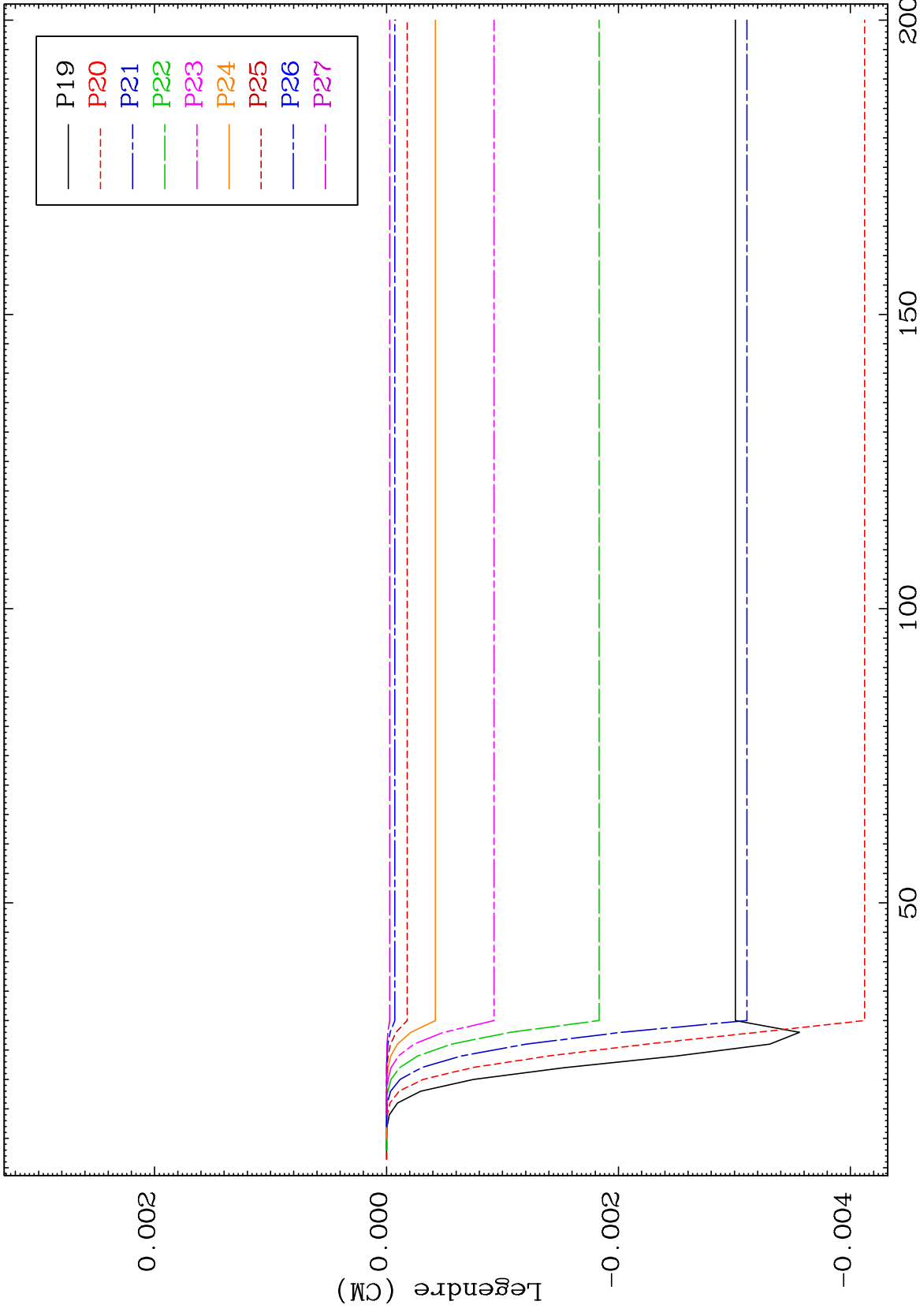
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



60

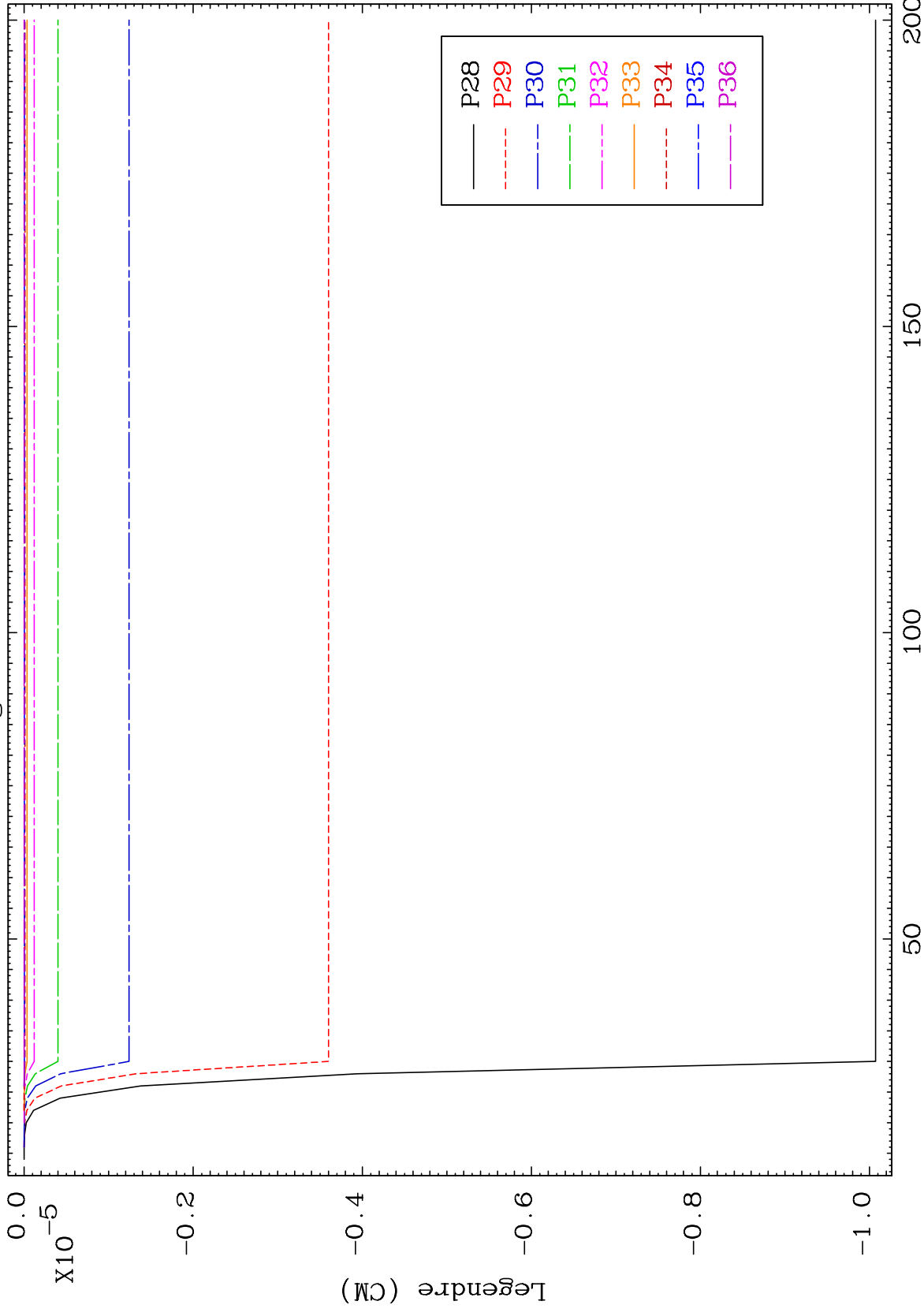
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

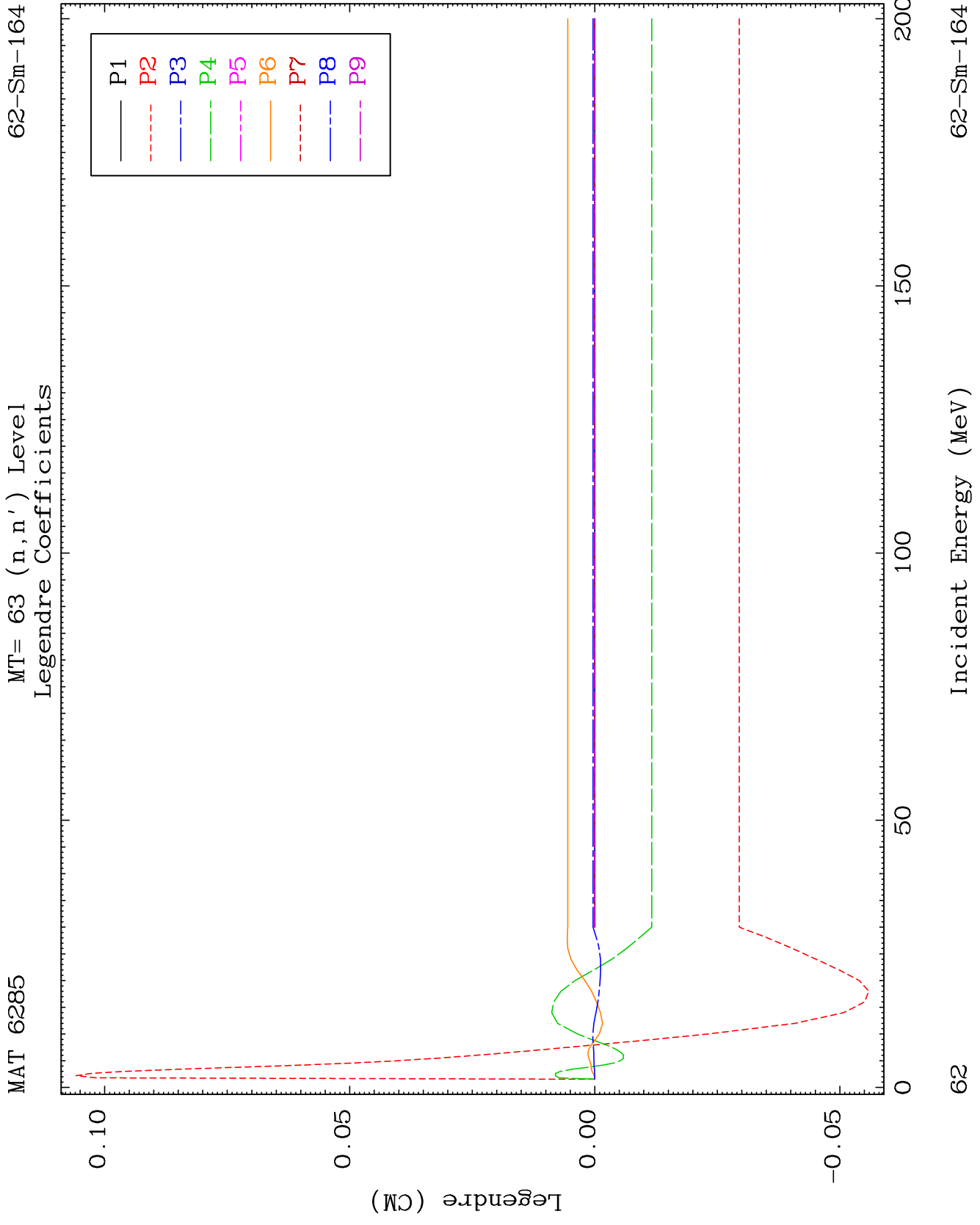
62-Sm-164



62-Sm-164

Incident Energy (MeV)

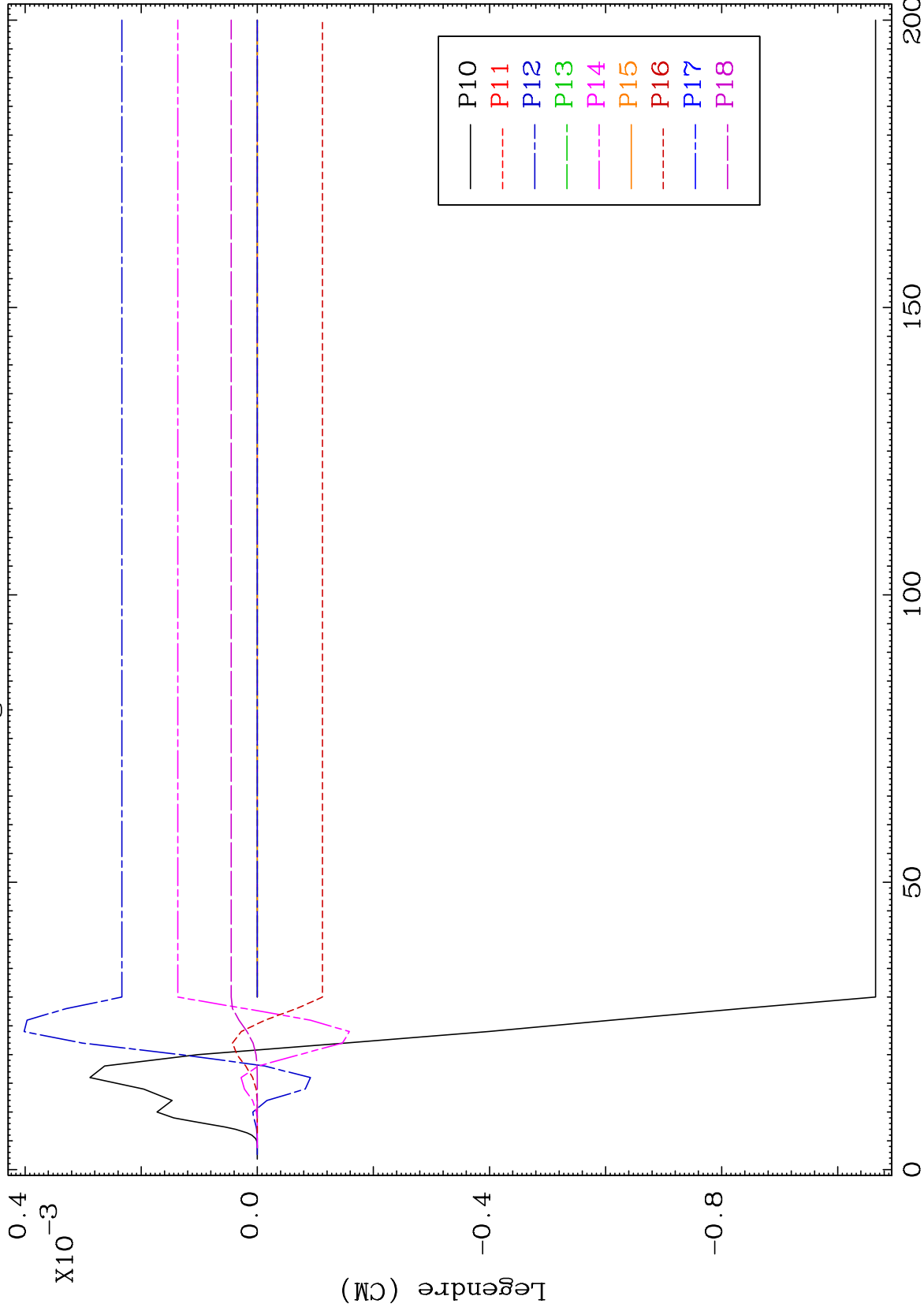
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MAT 6285

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

62-Sm-164



63

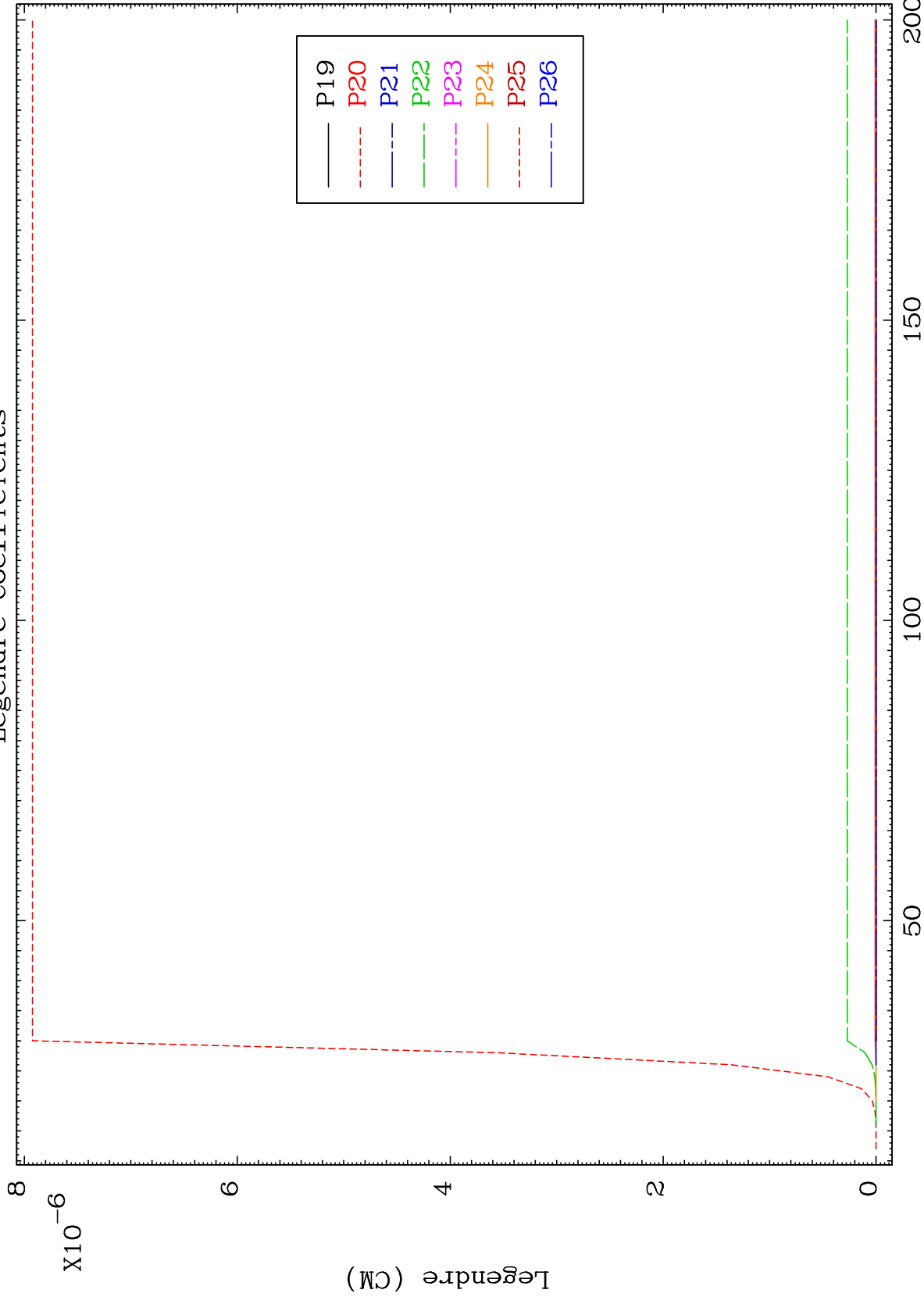
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

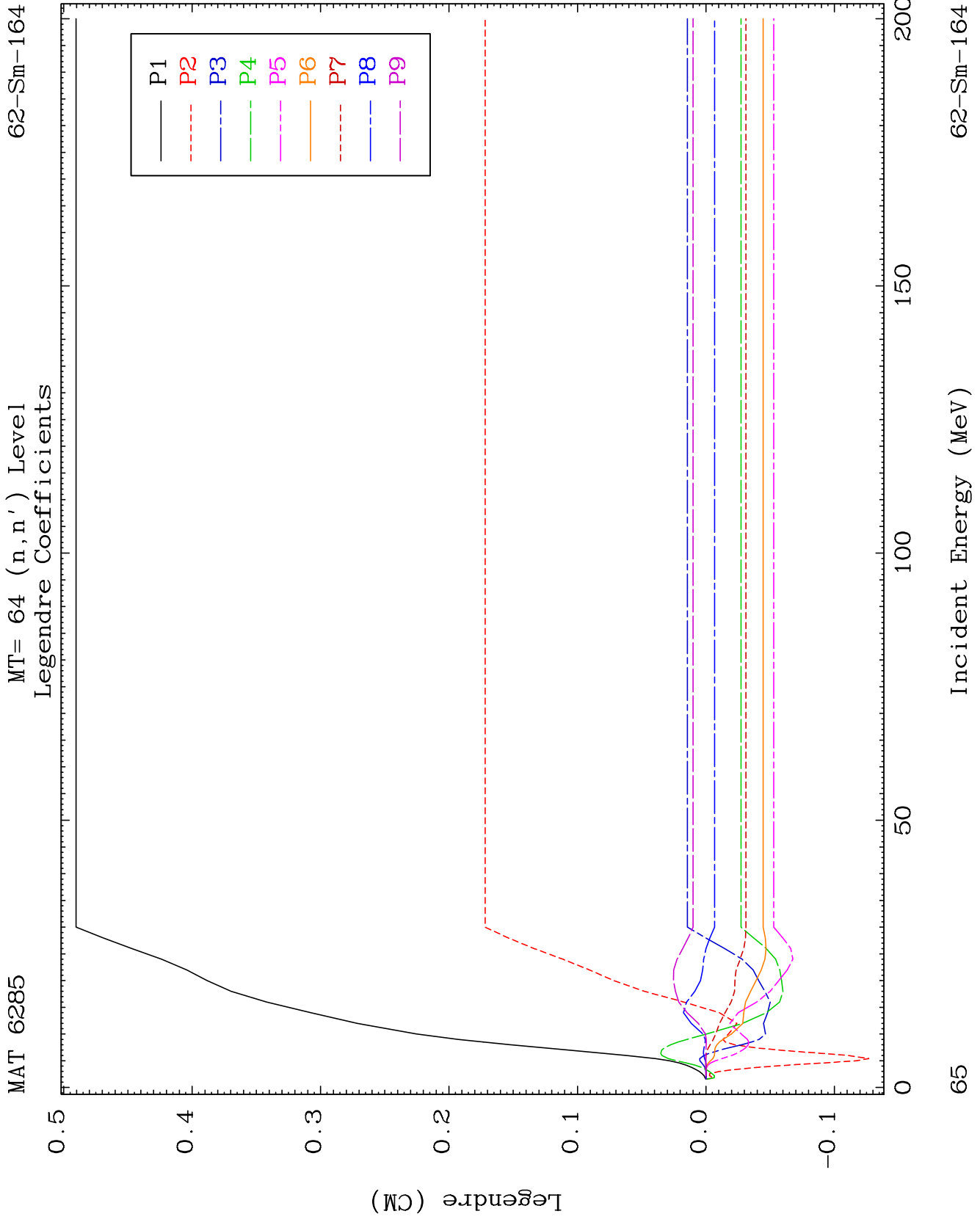
62-Sm-164



62-Sm-164

Incident Energy (MeV)

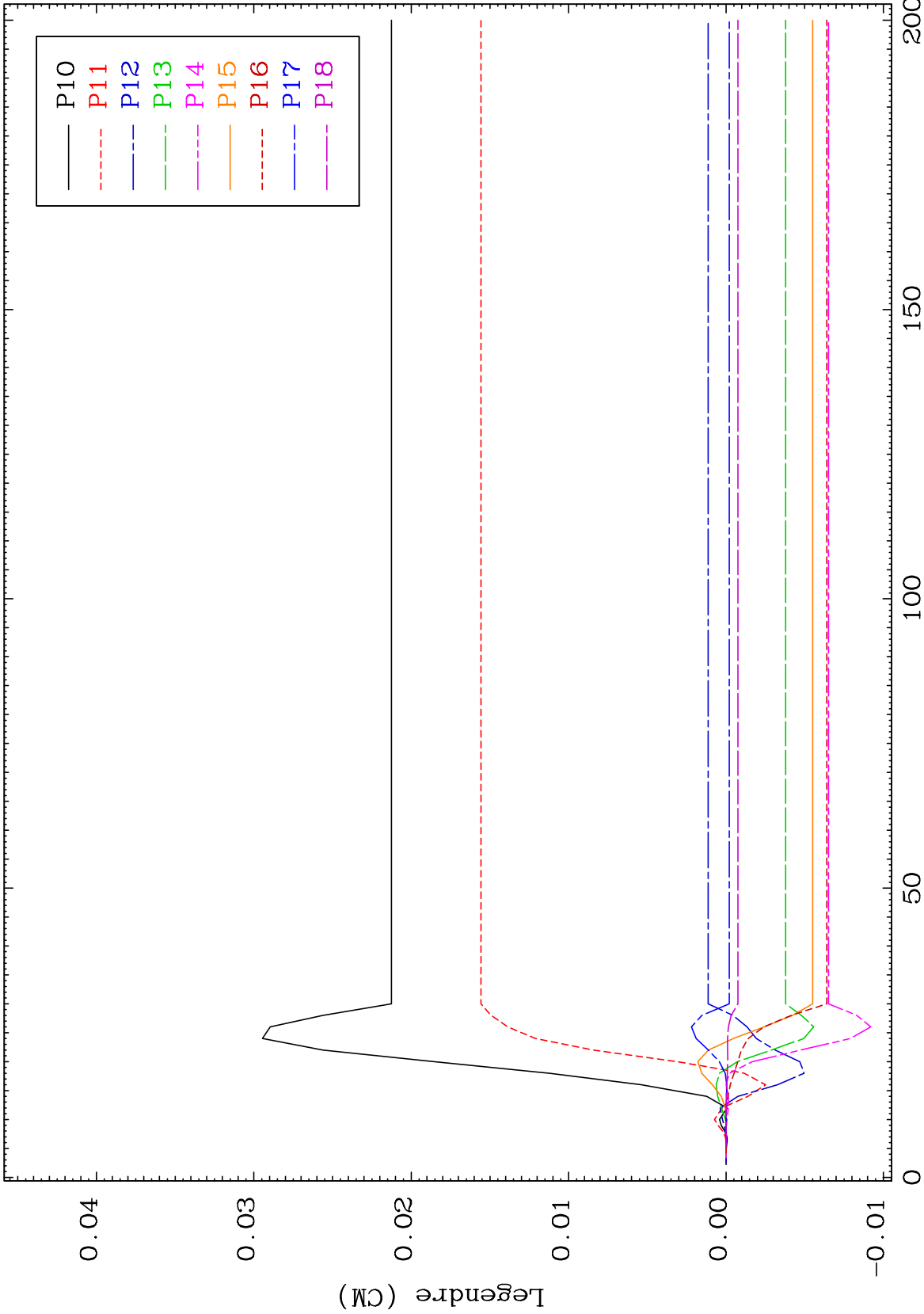
64



MAT 6285

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

62-Sm-164



66

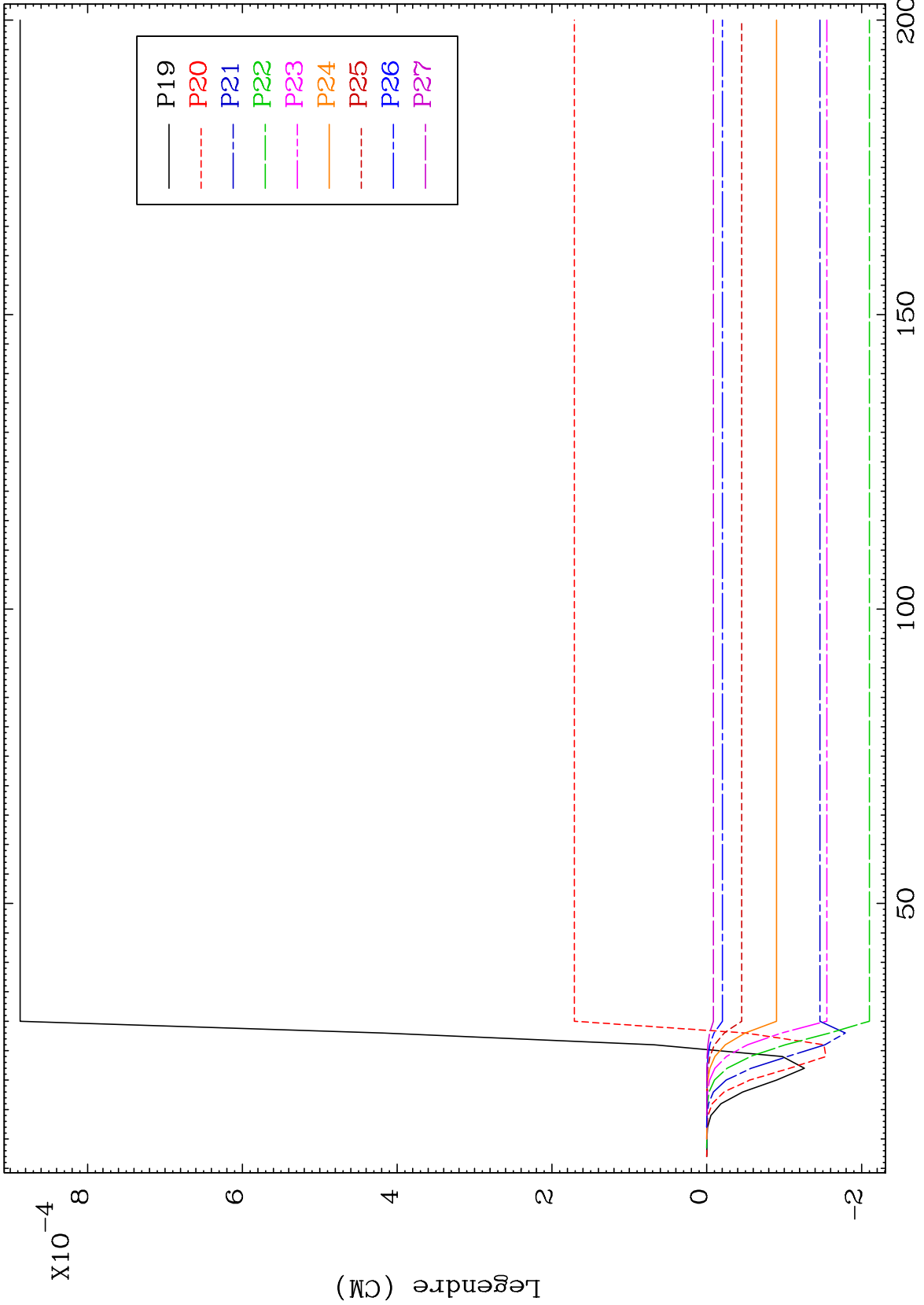
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



67

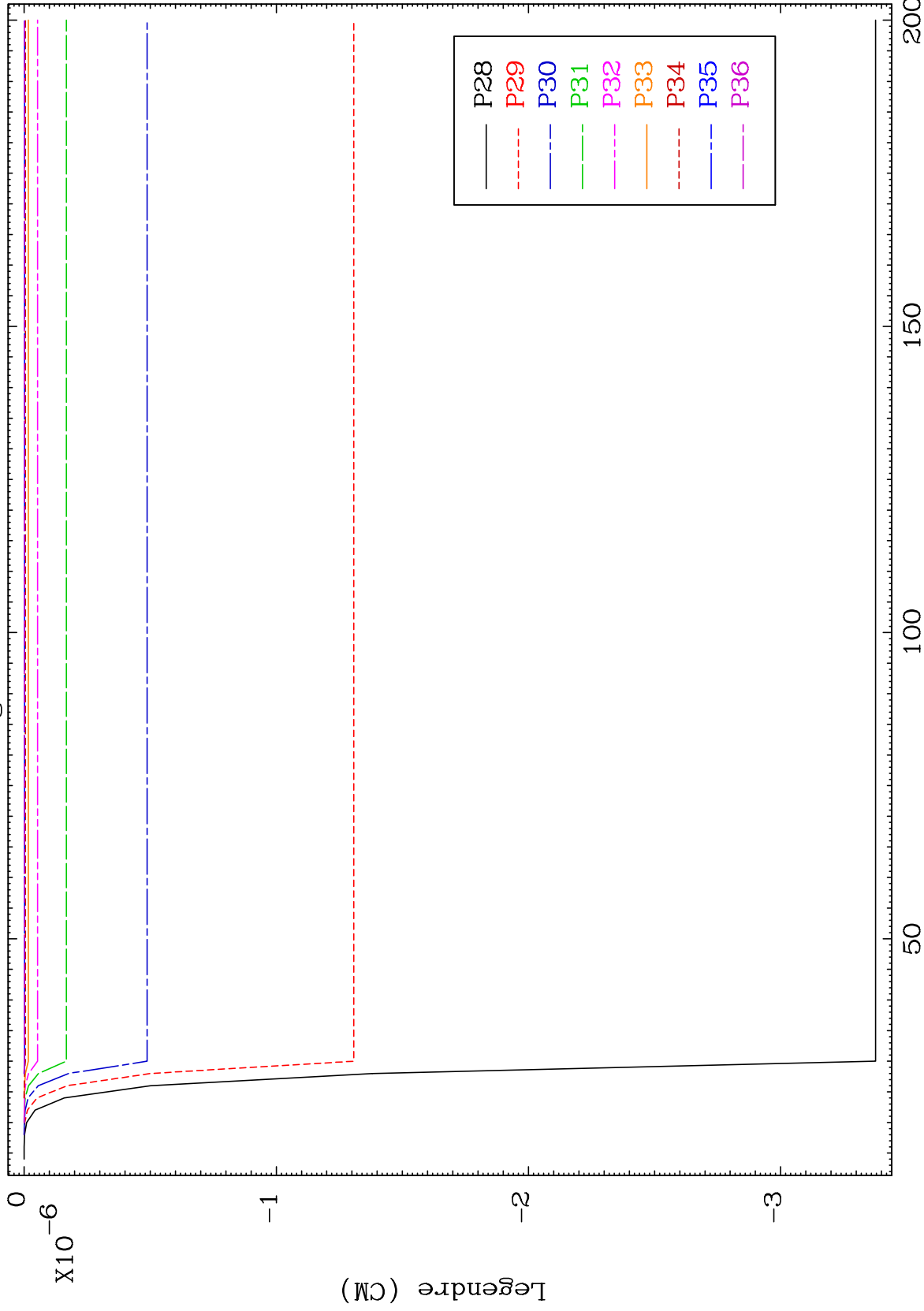
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



68

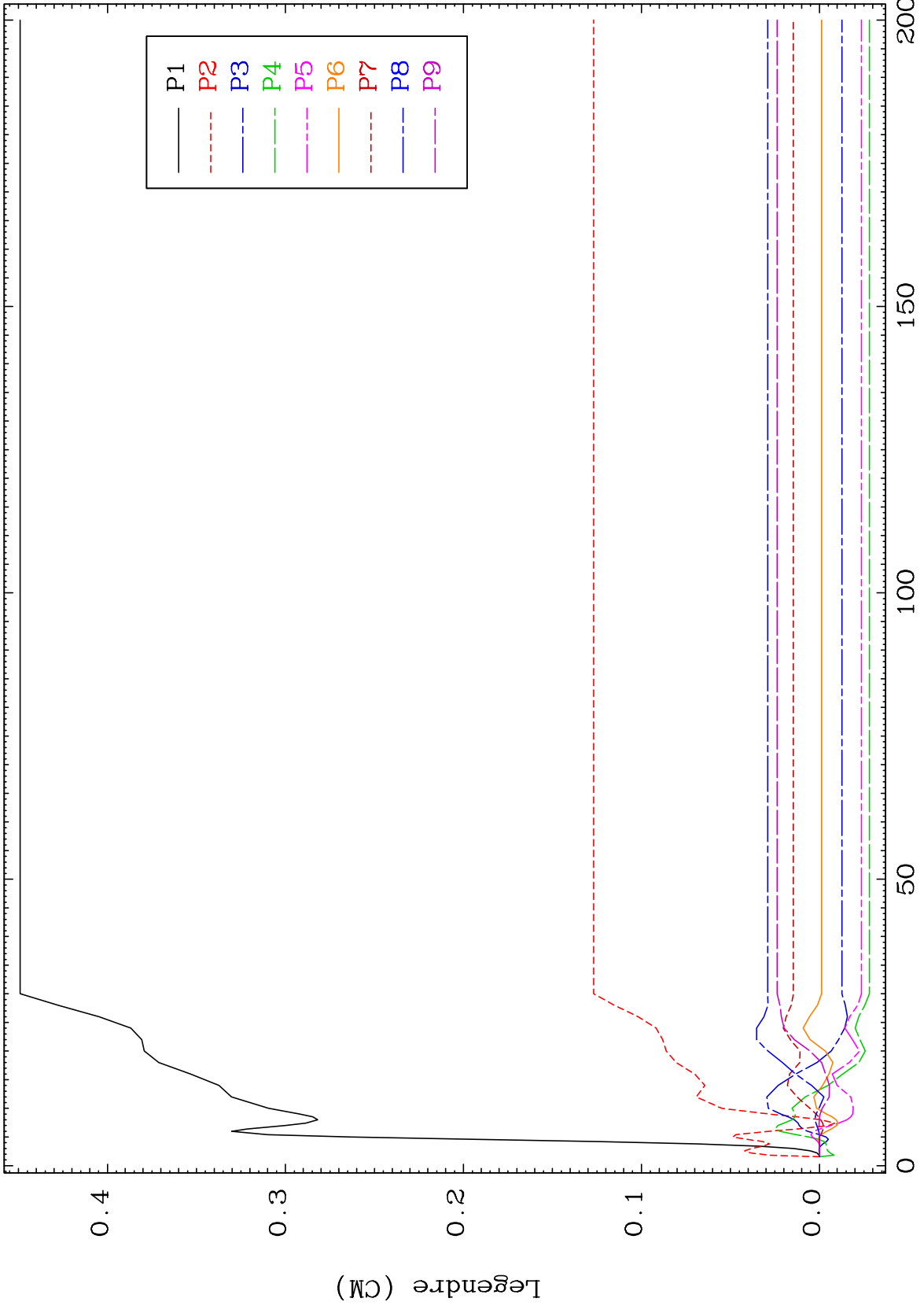
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



69

Incident Energy (MeV)

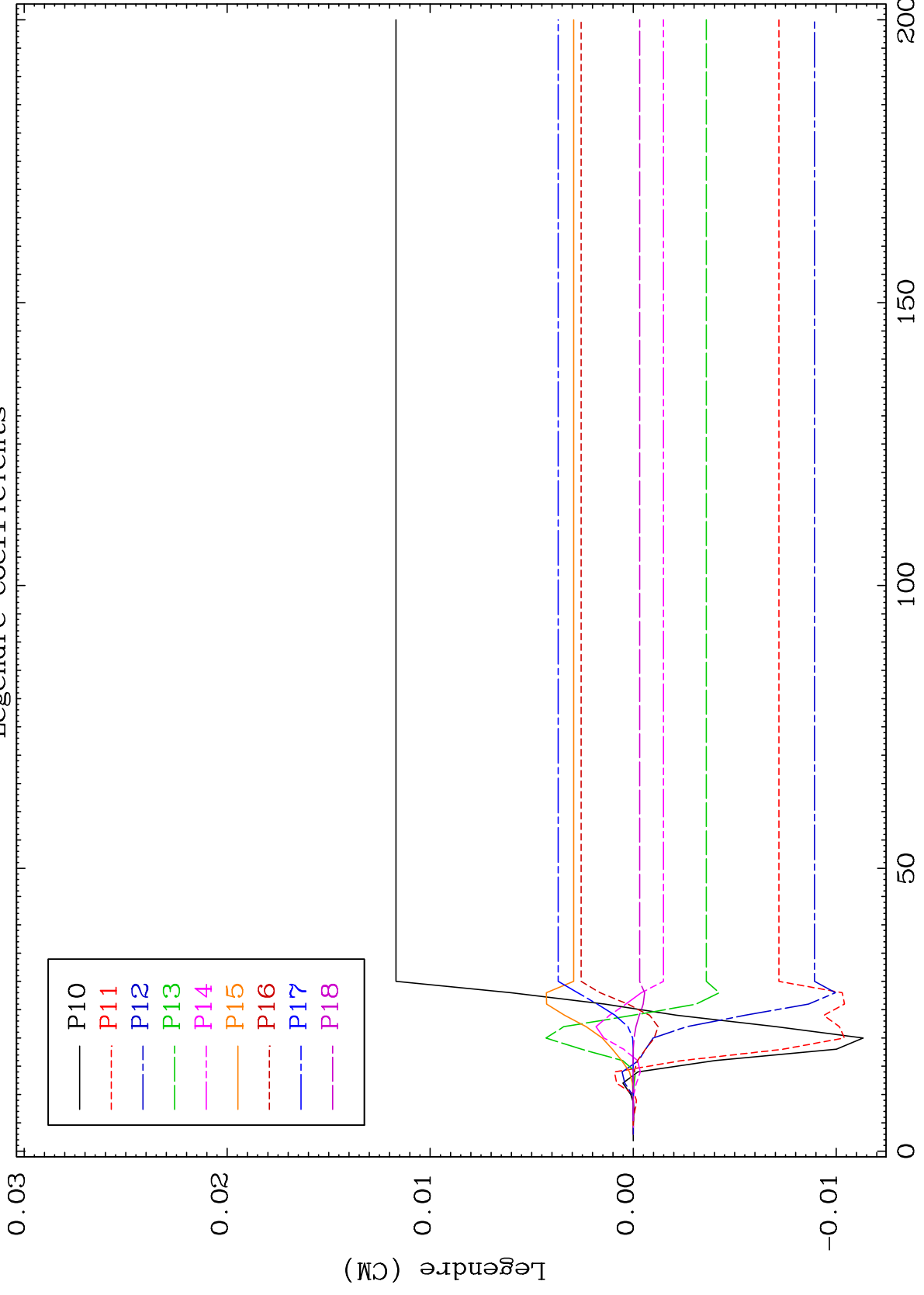
62-Sm-164

MAT 6285 MT= 65 (n,n') Level Legendre Coefficients

62-Sm-164

62-Sm-164

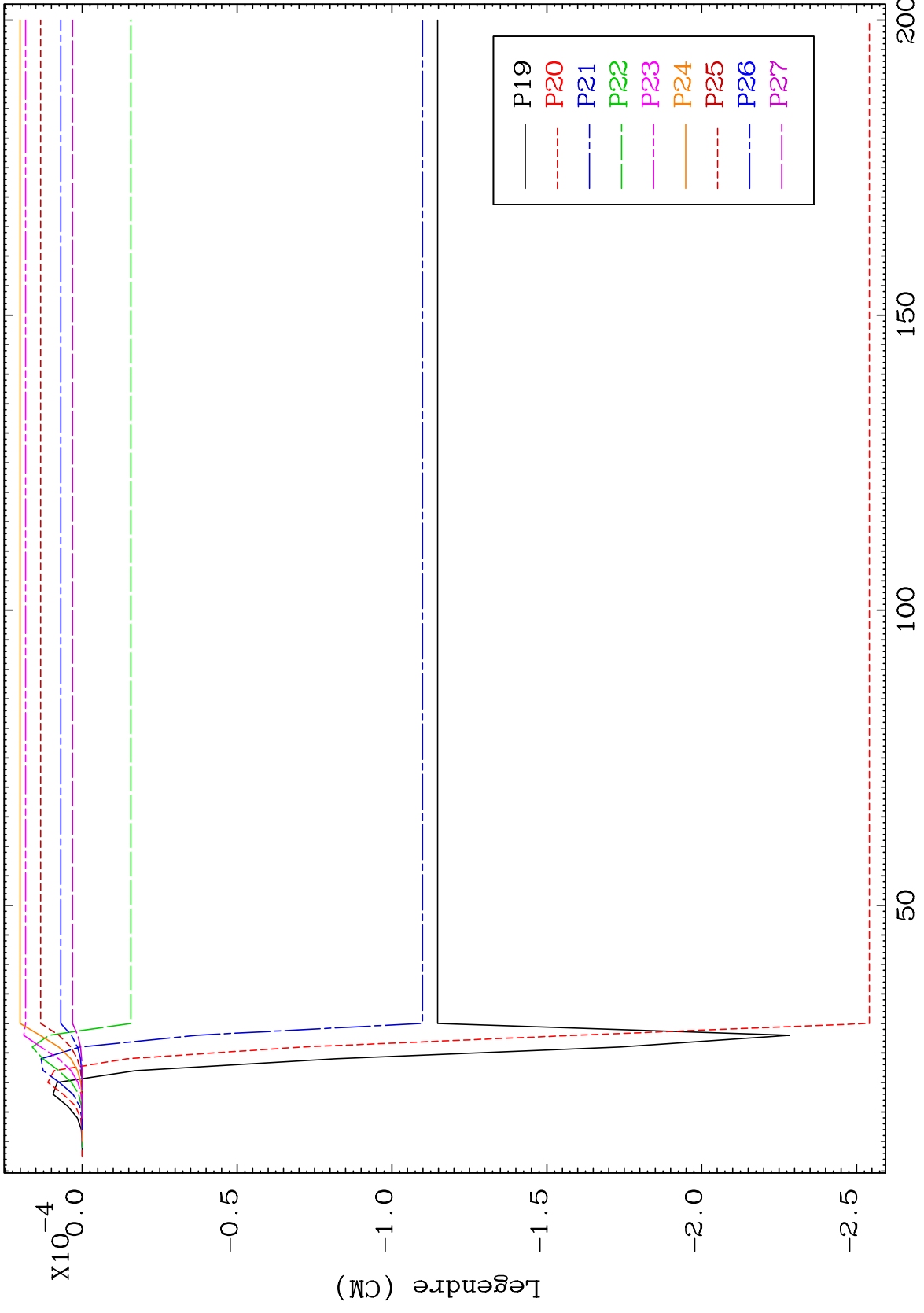
Incident Energy (MeV)



MAT 6285

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

62-Sm-164



62-Sm-164

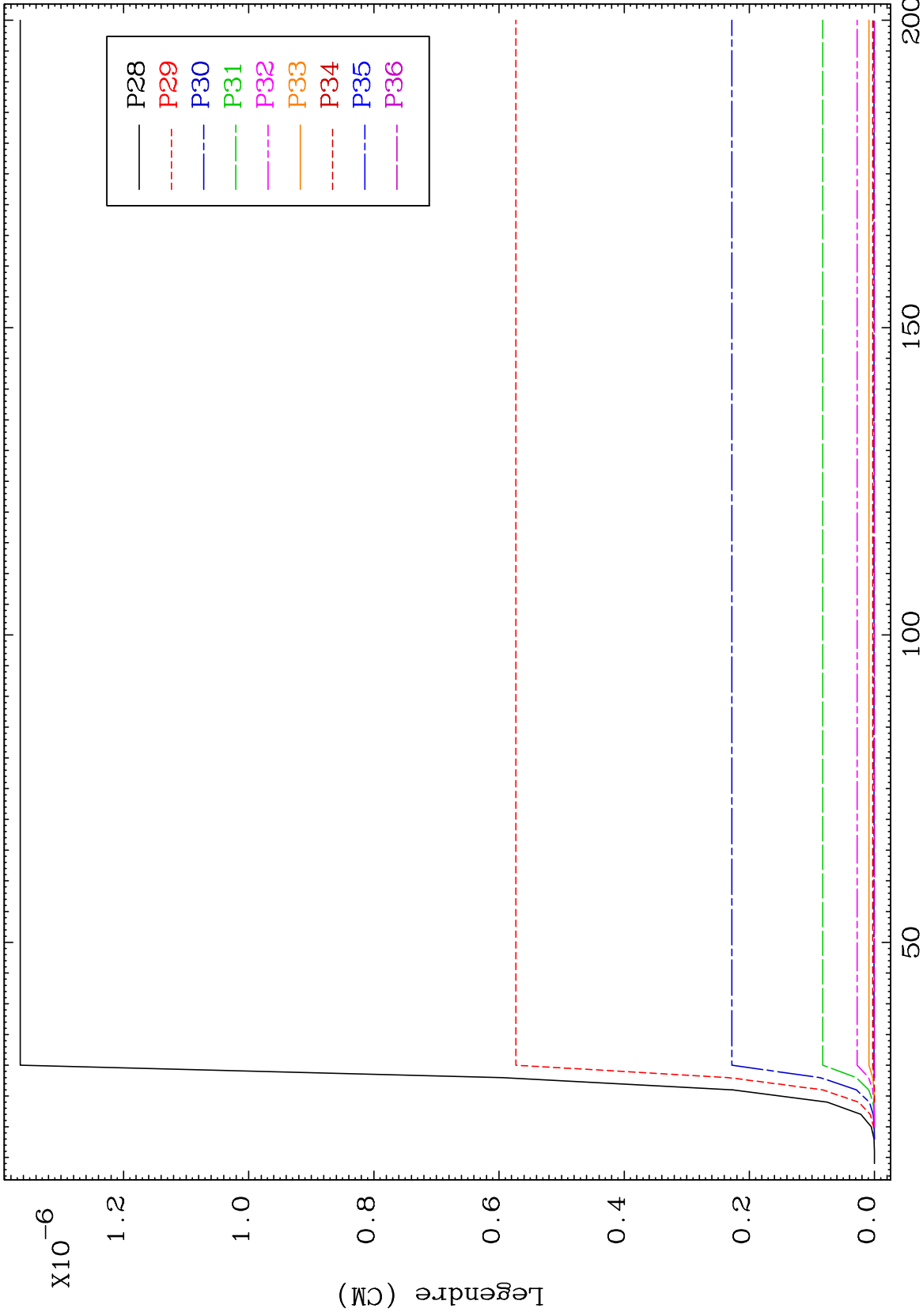
Incident Energy (MeV)

71

MAT 6285

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

62-Sm-164



72

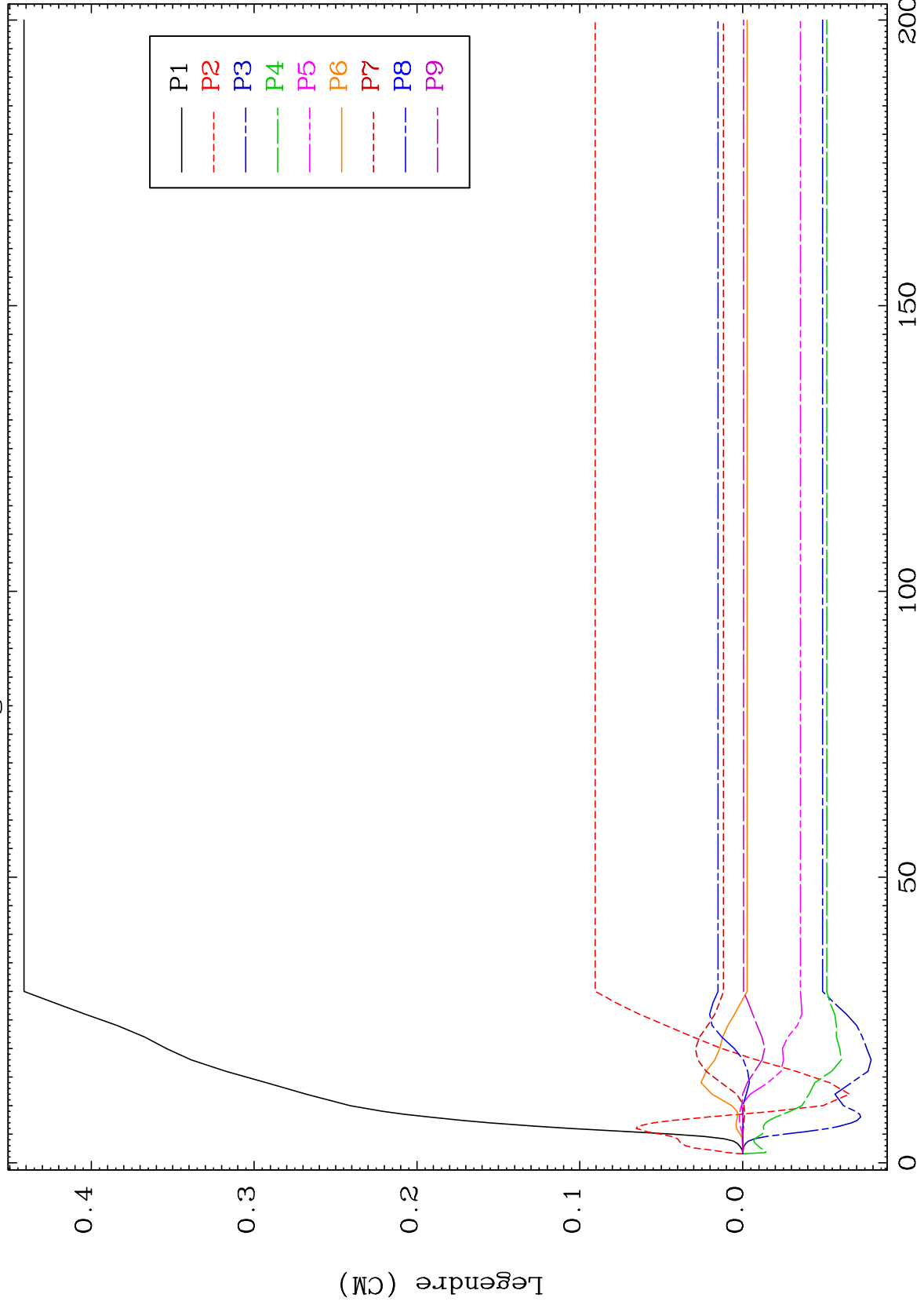
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



73

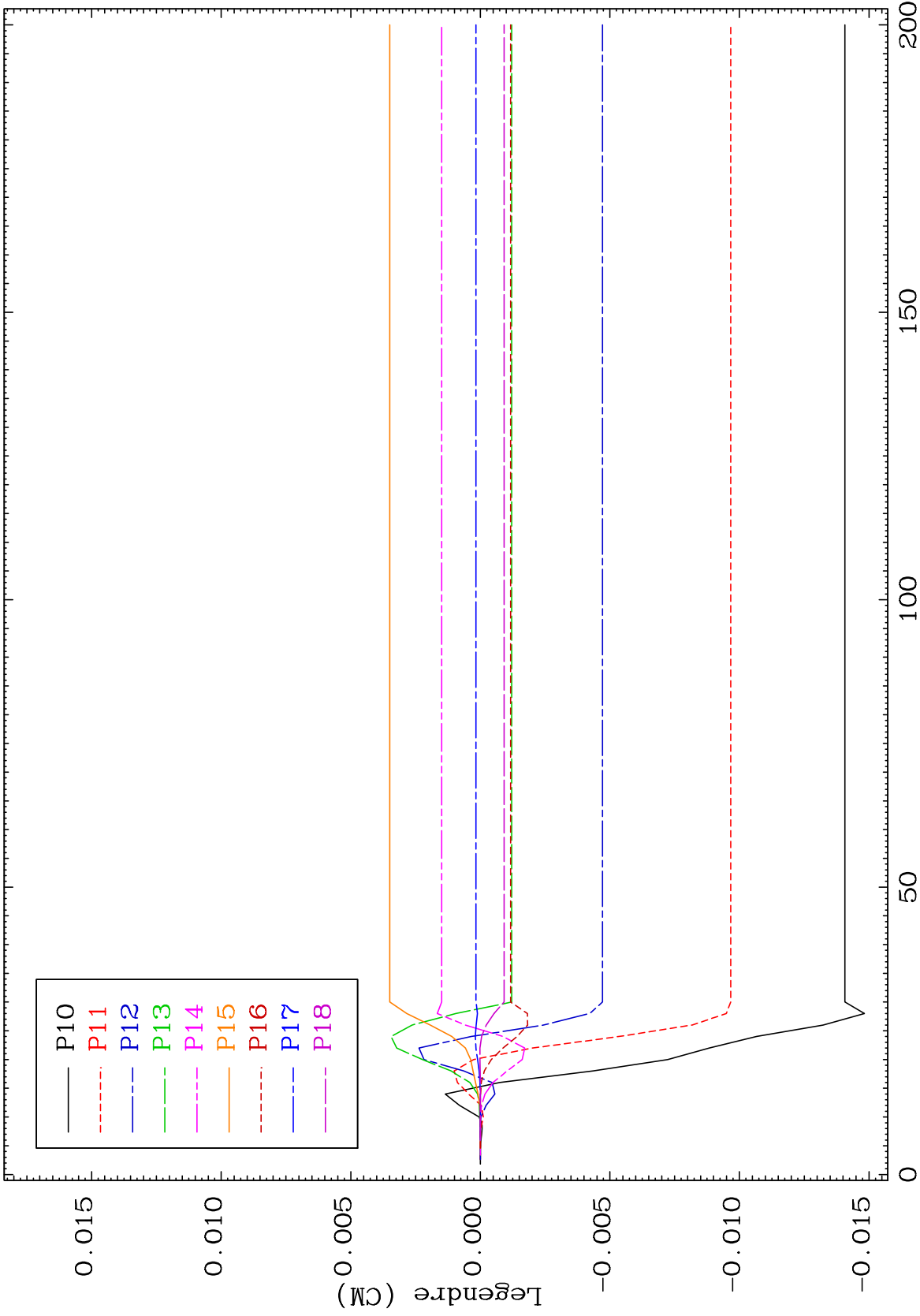
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



74

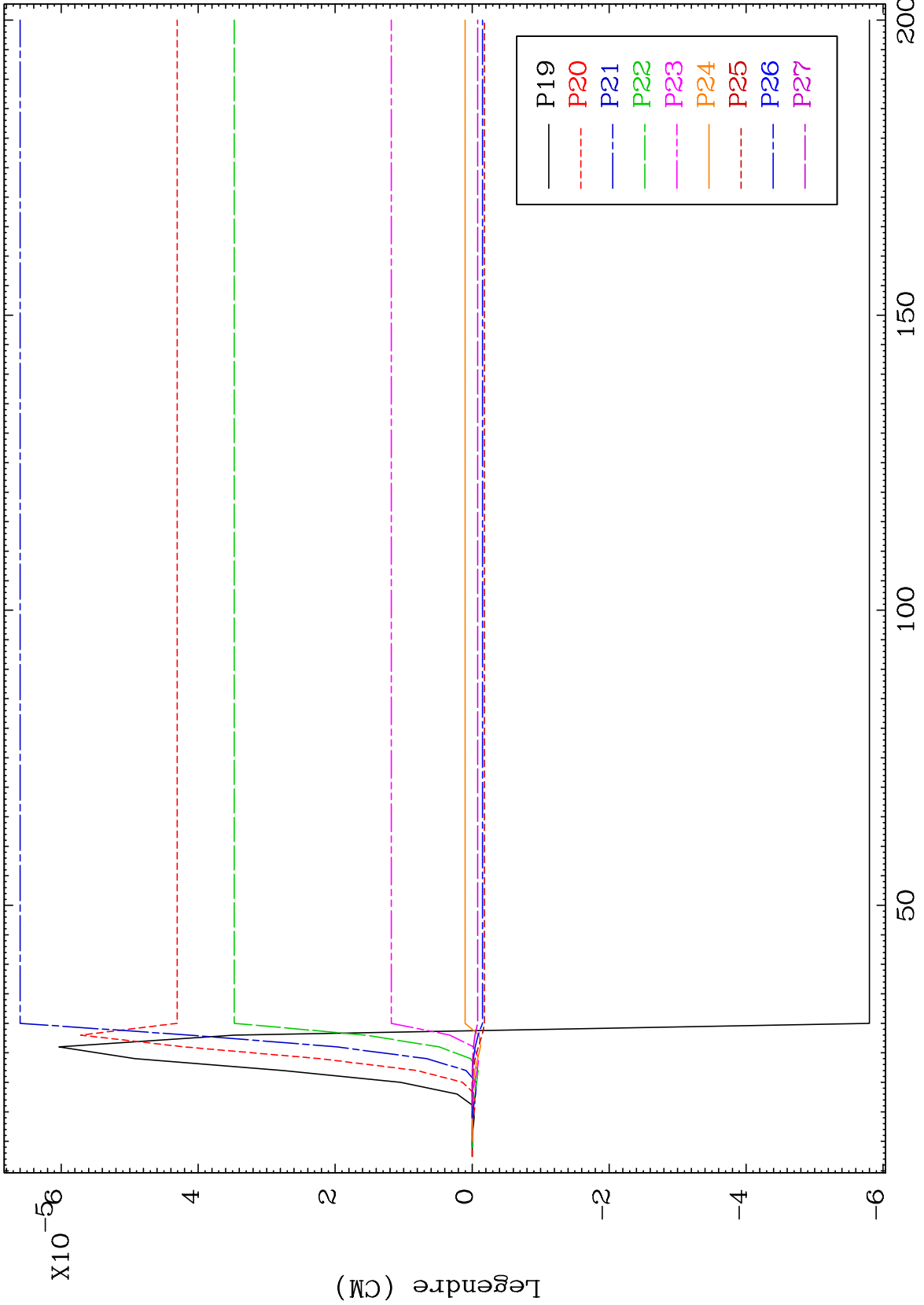
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



75

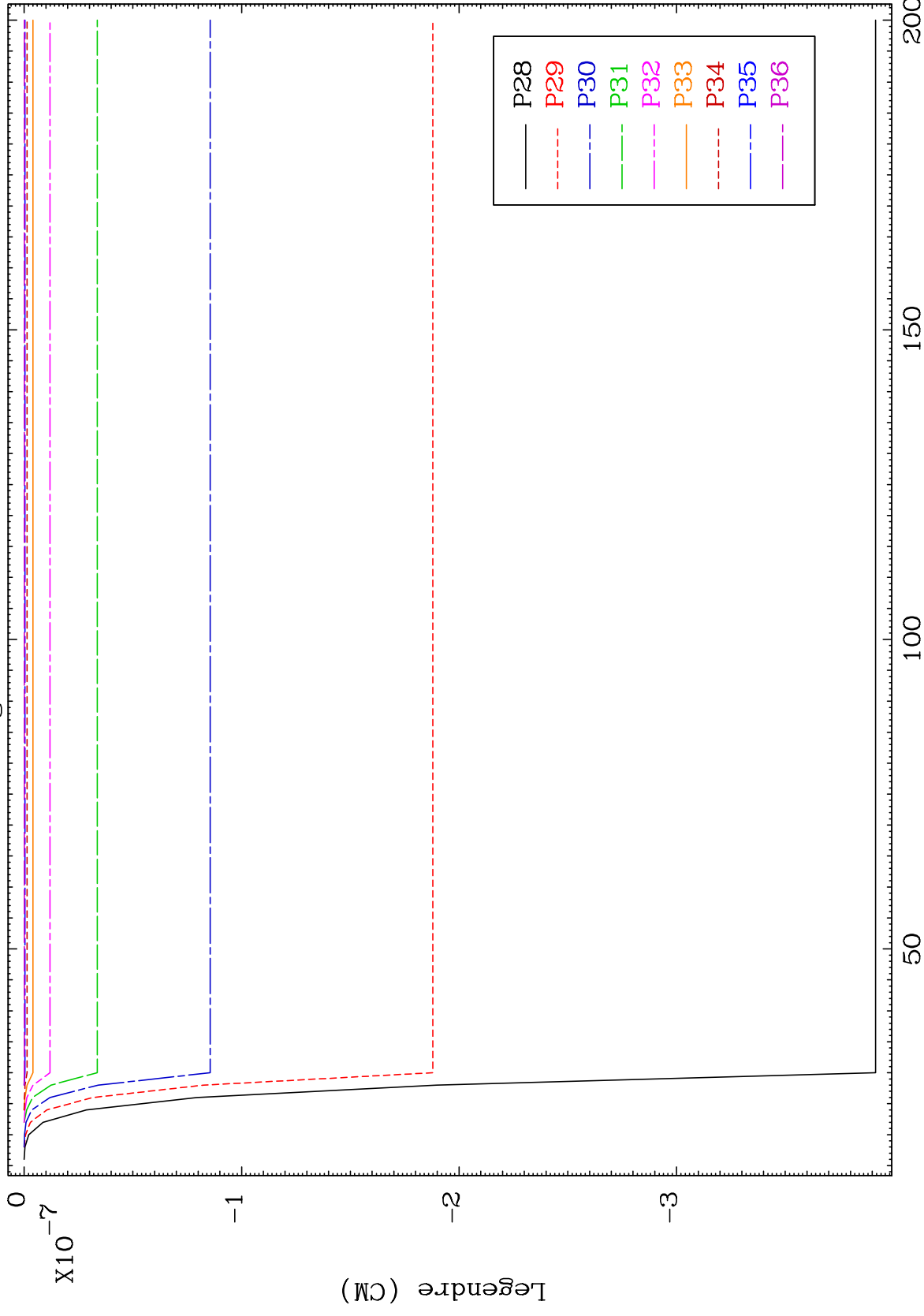
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



62-Sm-164

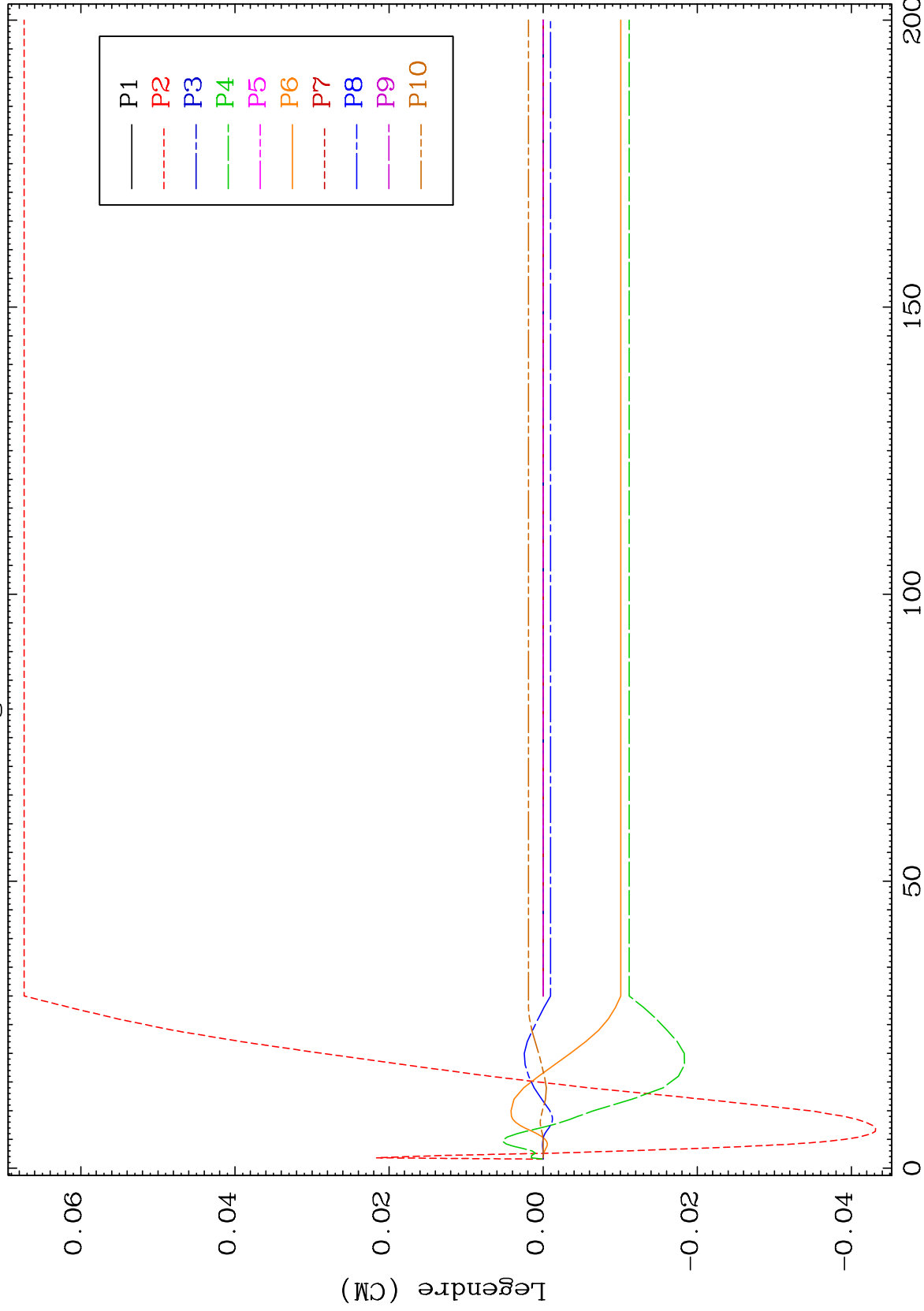
Incident Energy (MeV)

76

MAT 6285

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

62-Sm-164



77

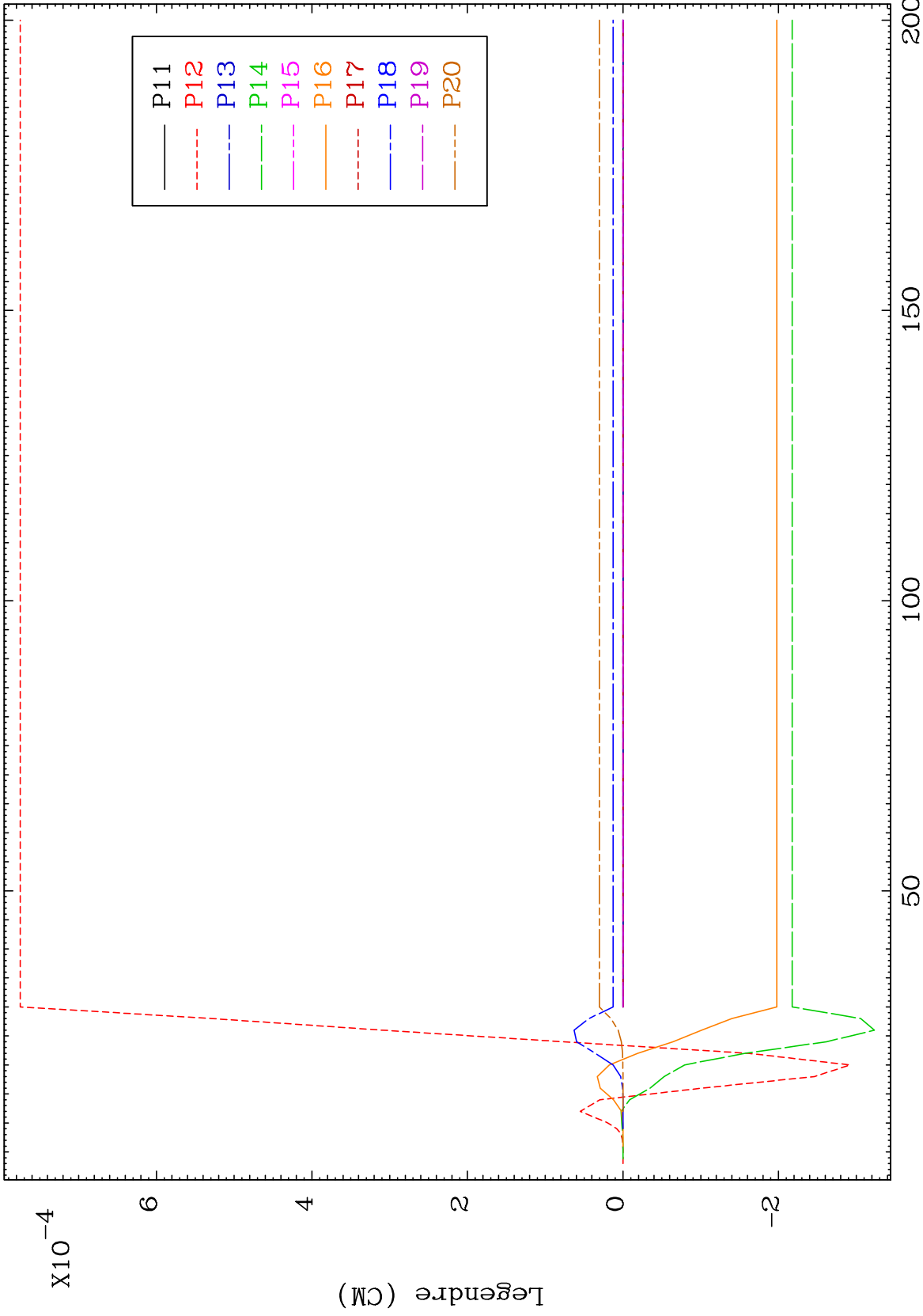
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



78

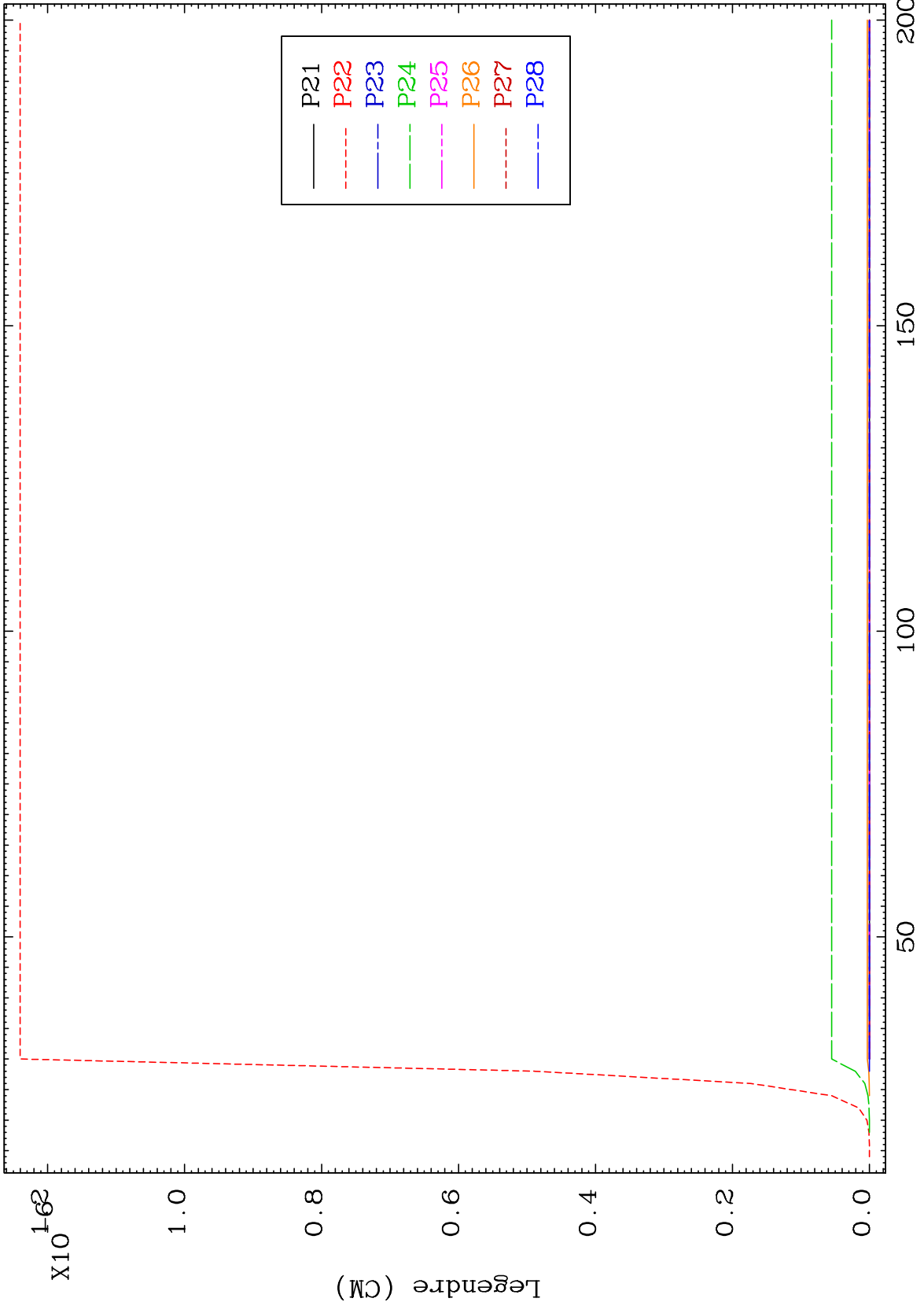
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



79

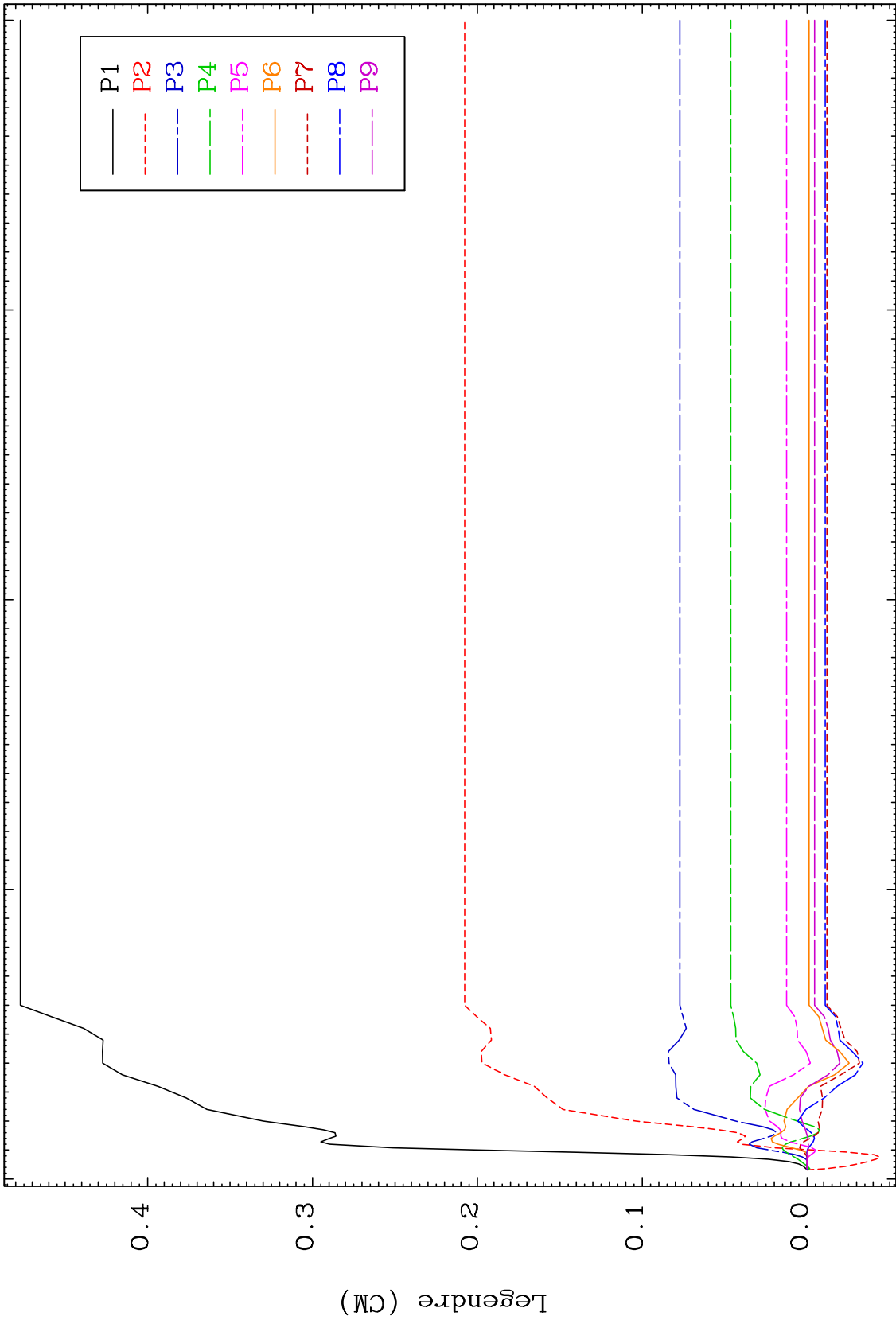
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



62-Sm-164

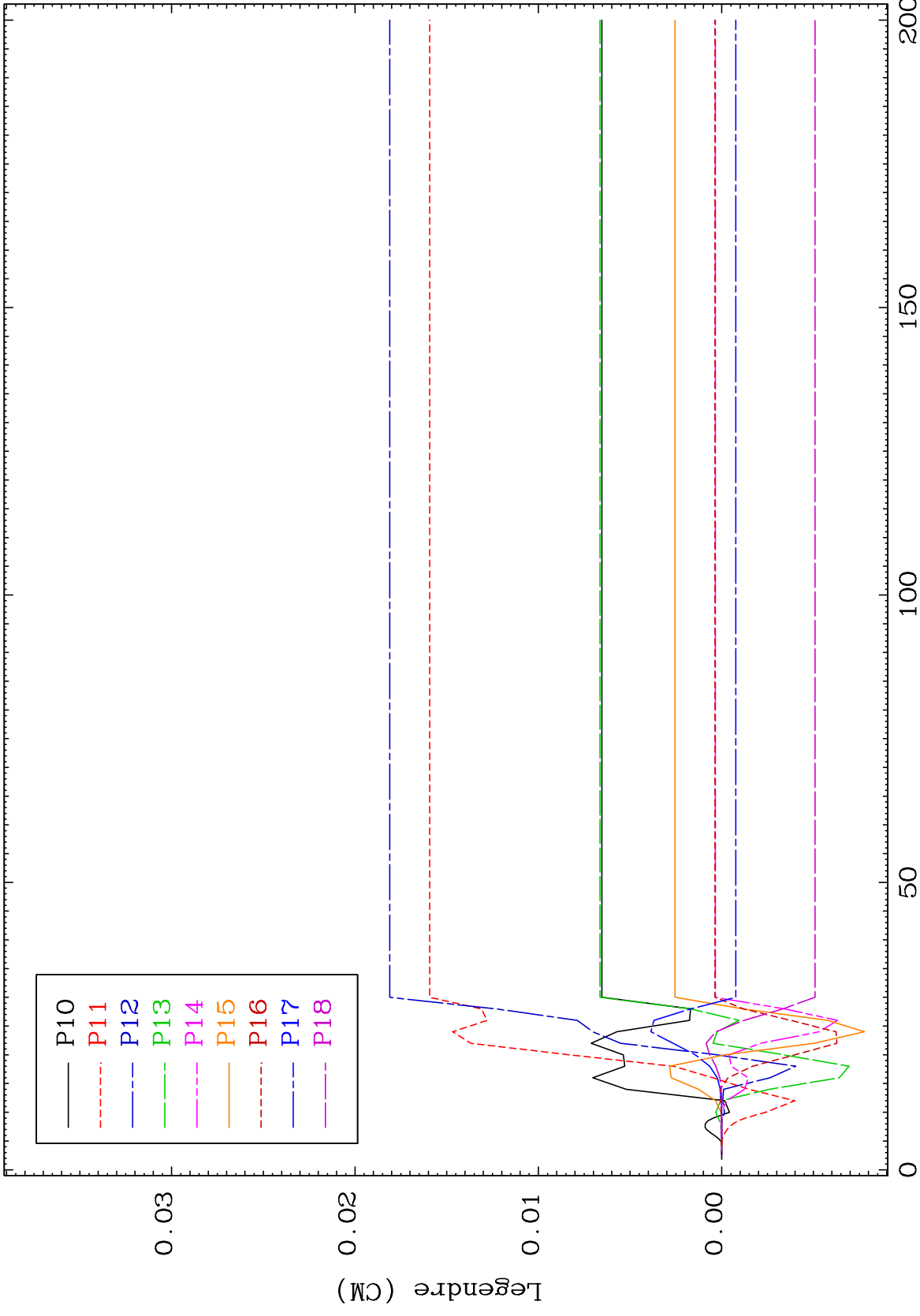
Incident Energy (MeV)

80

MAT 6285

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

62-Sm-164



81

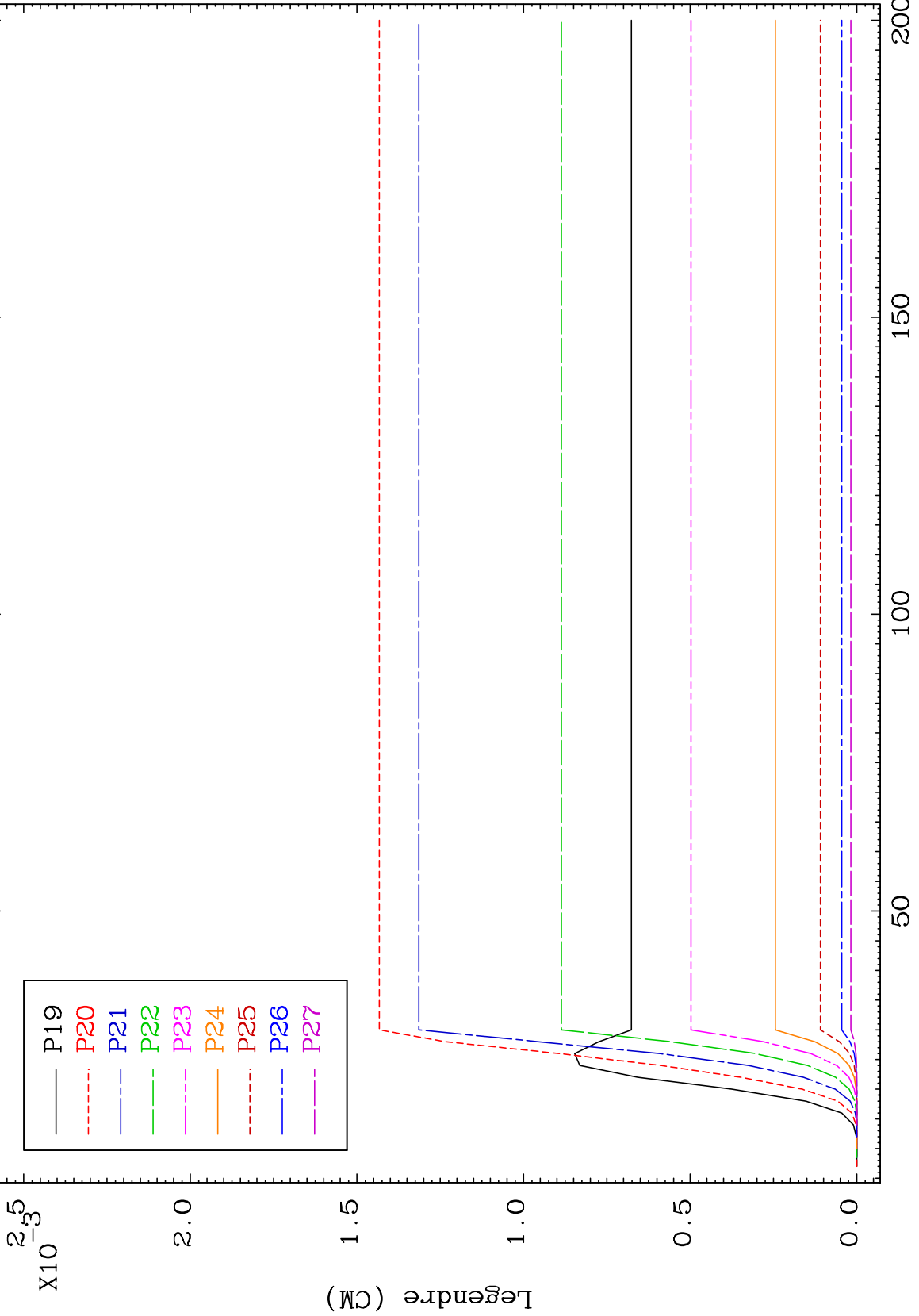
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



82

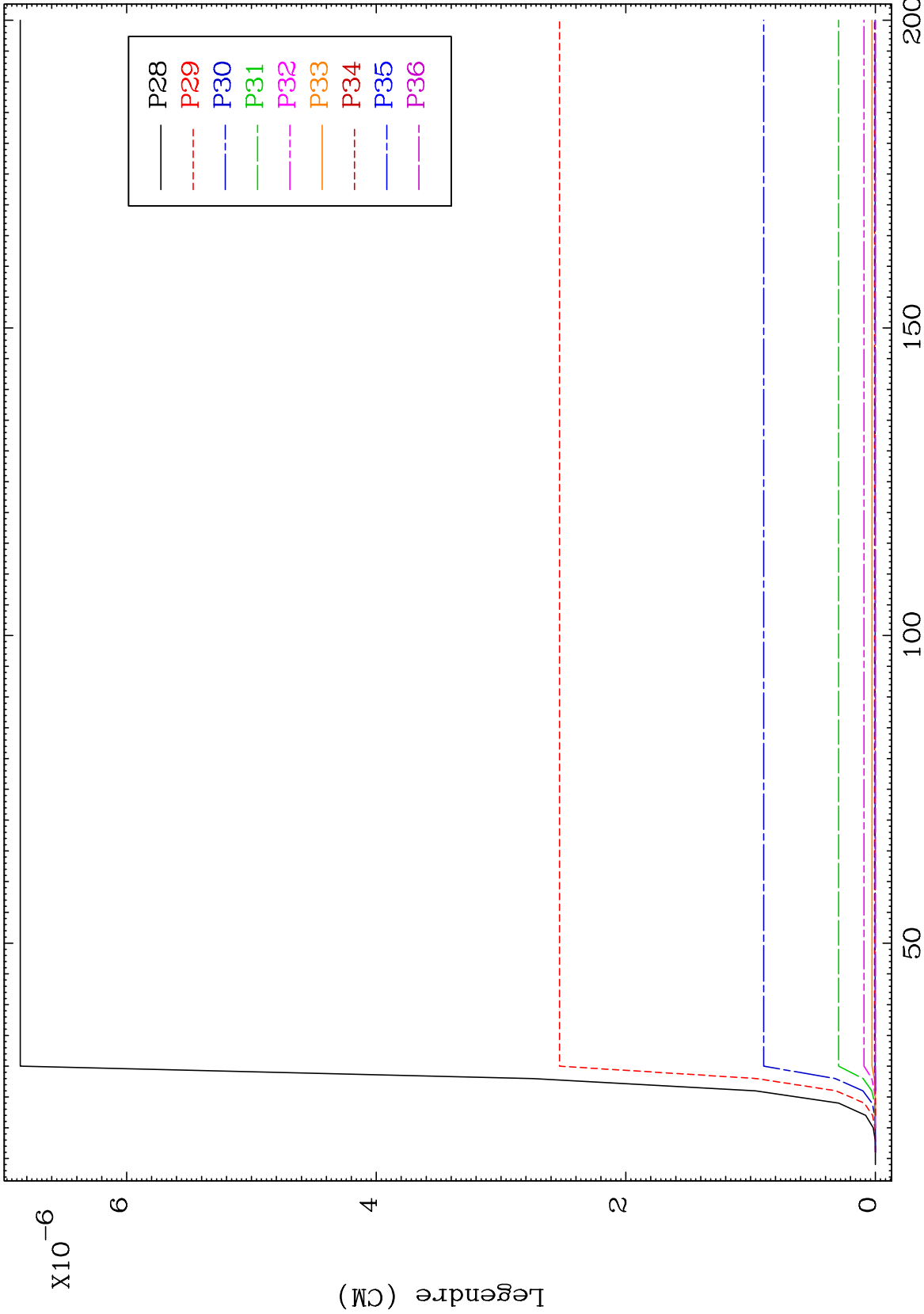
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164

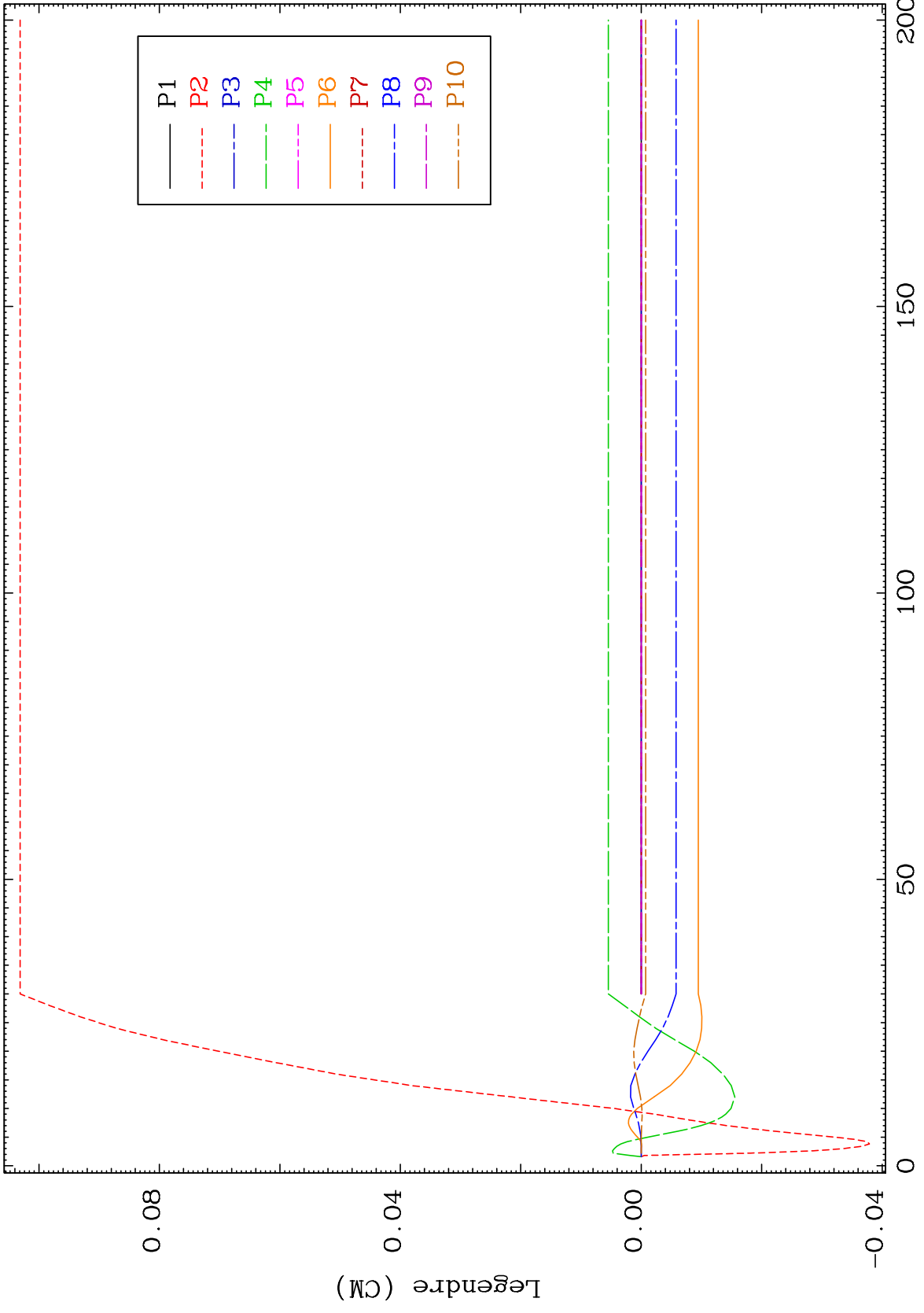


83

Incident Energy (MeV)

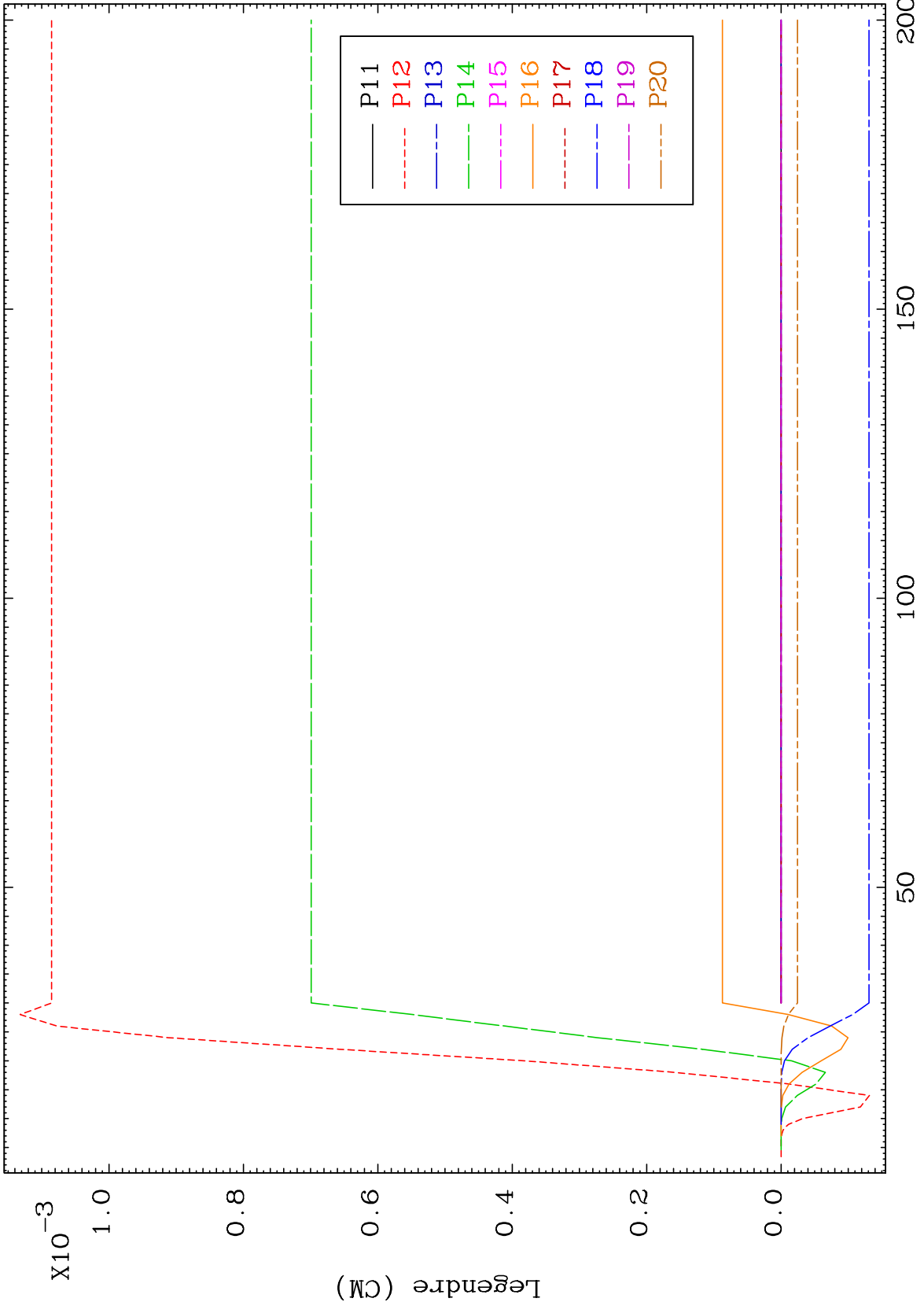
62-Sm-164

MAT 6285 MT= 69 (n,n') Level Legendre Coefficients 62-Sm-164



84 62-Sm-164

MAT 6285 MT= 69 (n,n') Level Legendre Coefficients 62-Sm-164

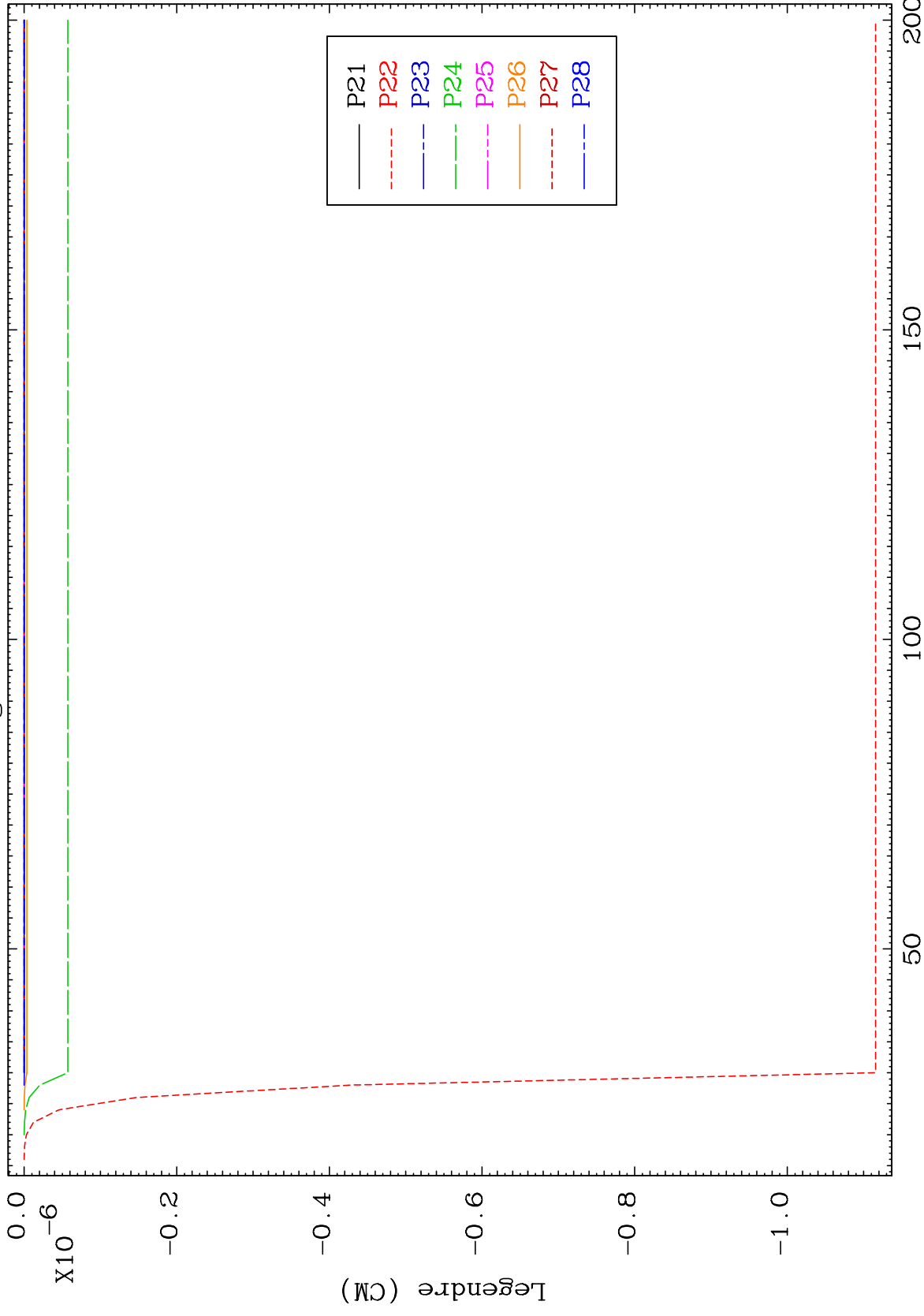


85 62-Sm-164

MAT 6285

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

62-Sm-164

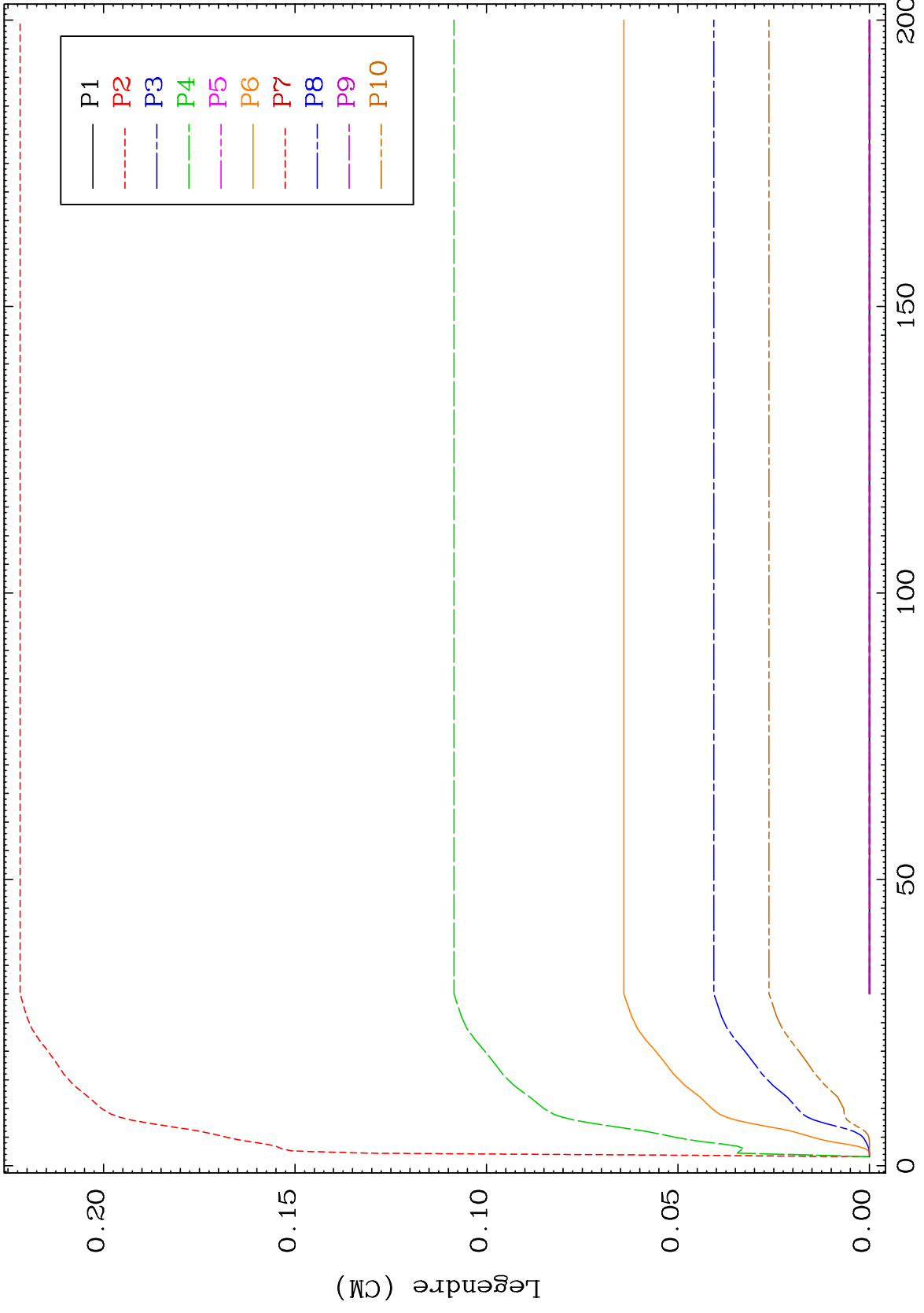


86

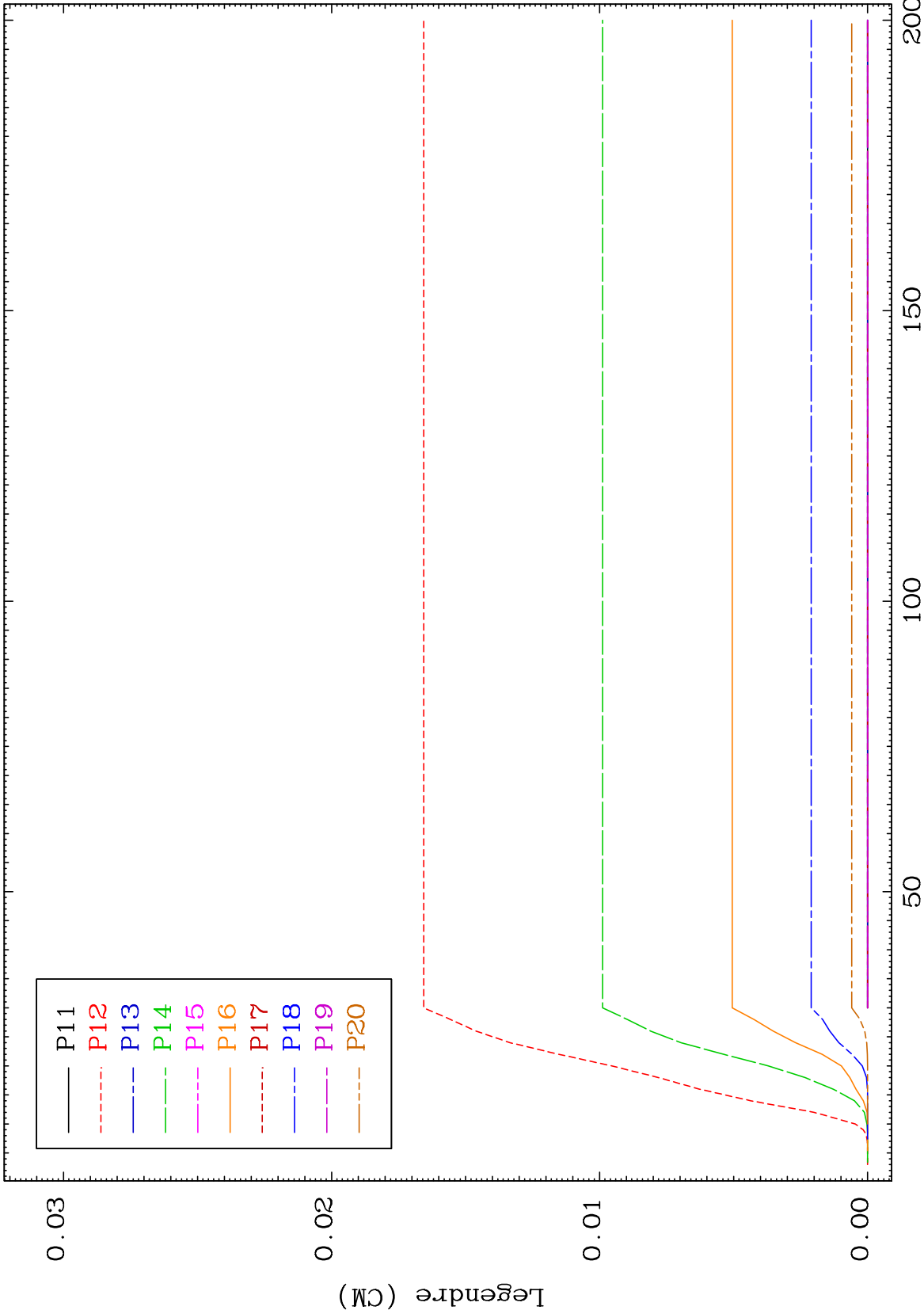
Incident Energy (MeV)

62-Sm-164

MAT 6285 MT= 70 (n,n') Level Legendre Coefficients 62-Sm-164



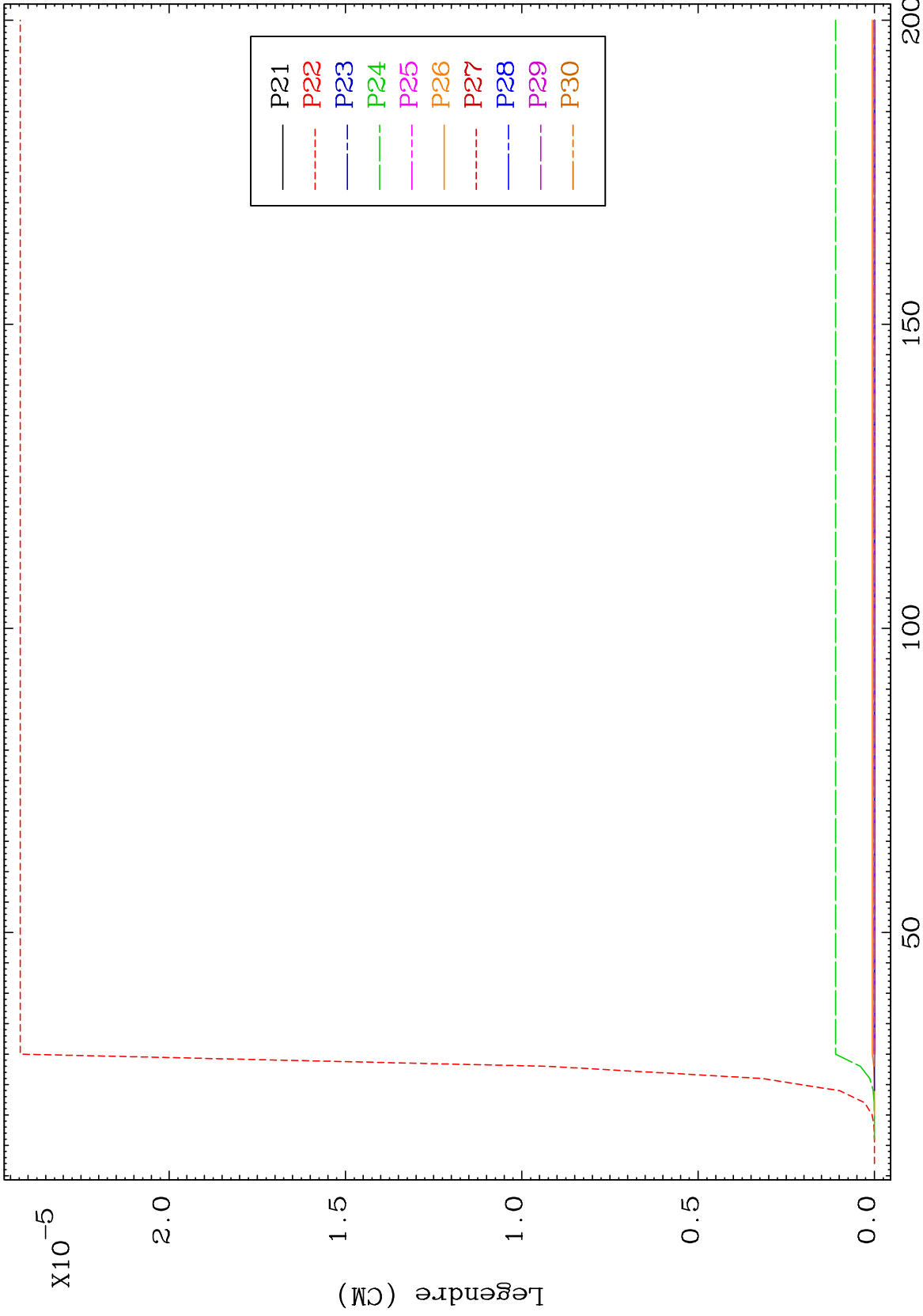
87 Incident Energy (MeV) 62-Sm-164



MAT 6285

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

62-Sm-164



62-Sm-164

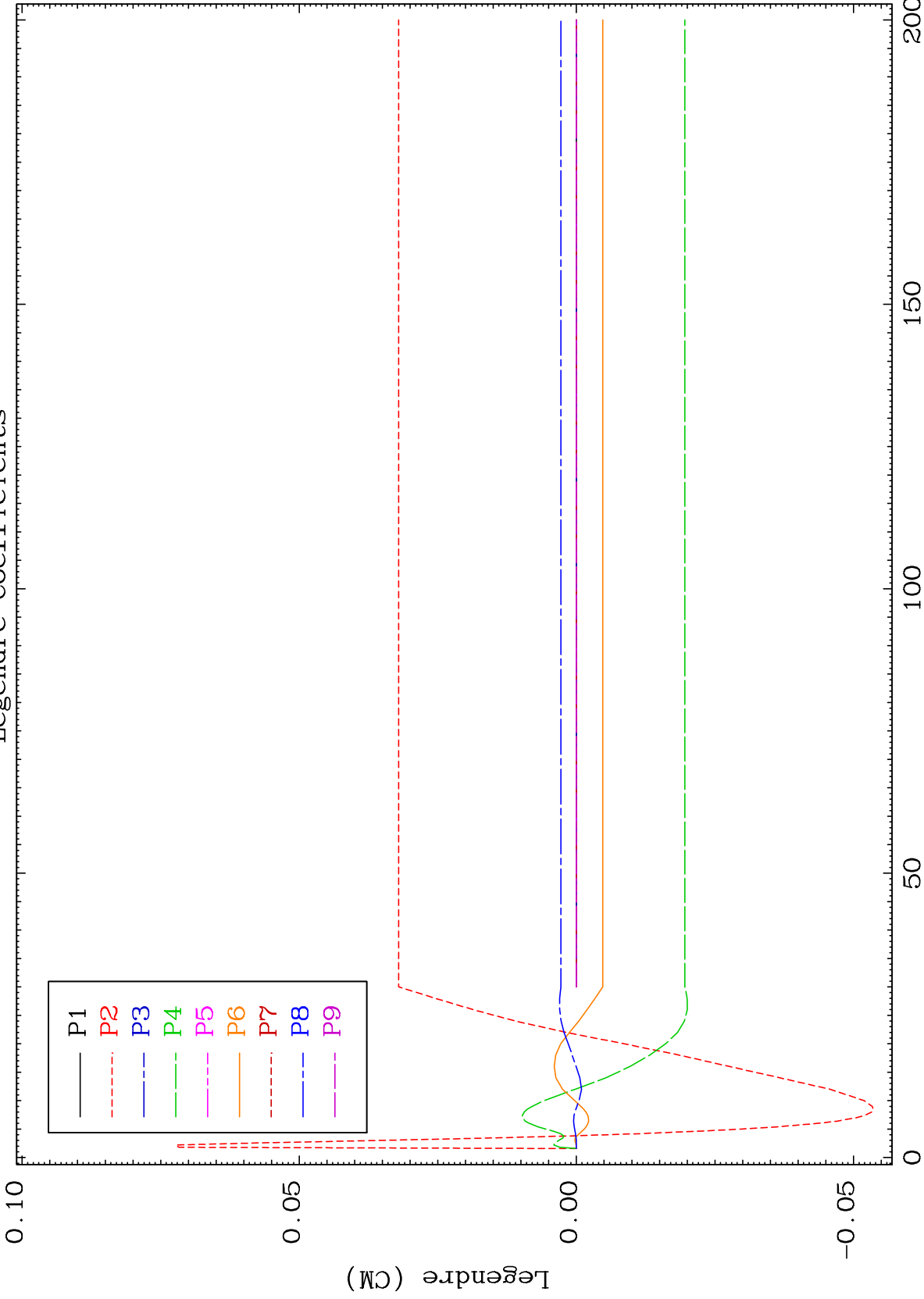
Incident Energy (MeV)

89

MAT 6285

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

62-Sm-164



62-Sm-164

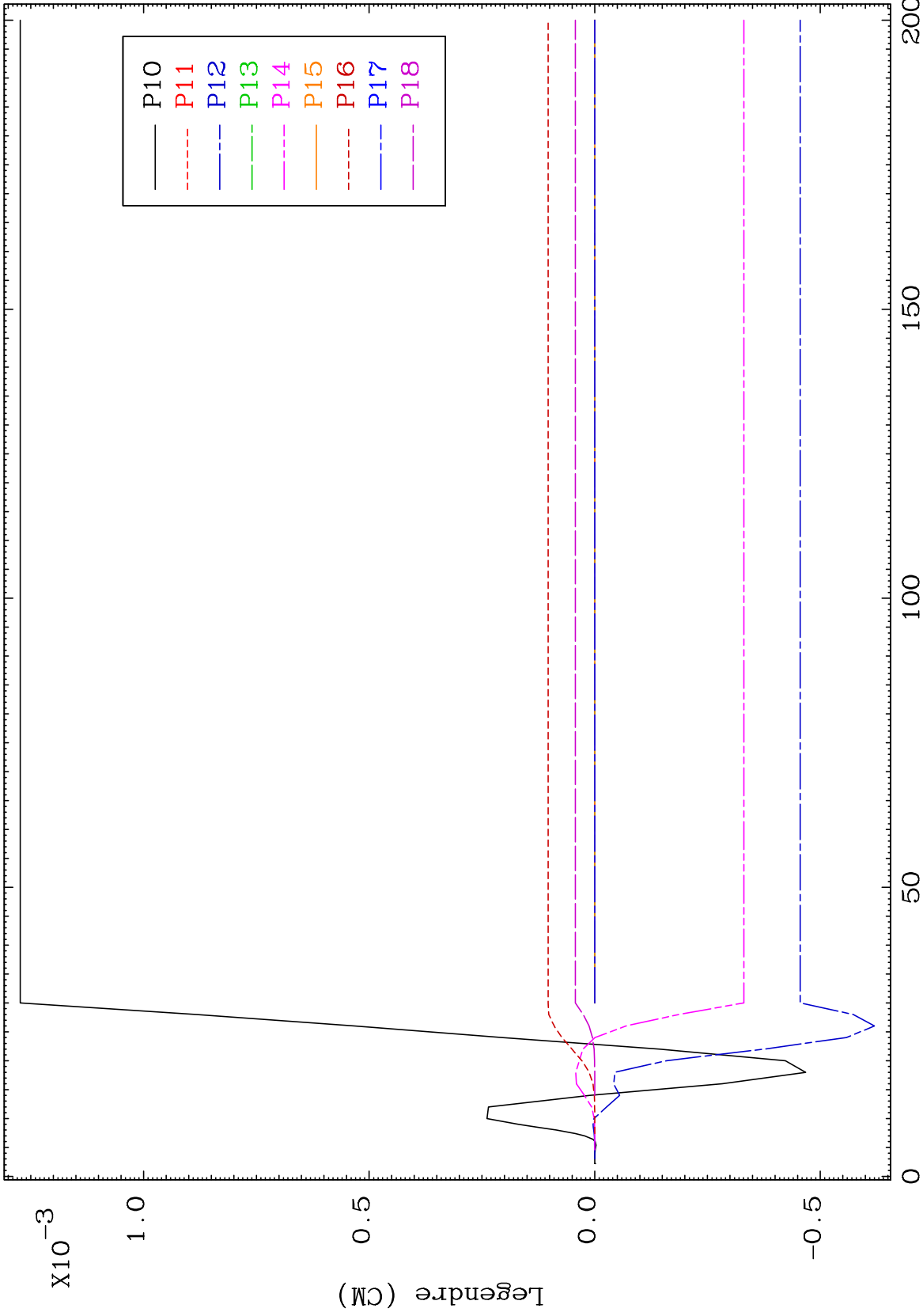
Incident Energy (MeV)

90

MAT 6285

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

62-Sm-164

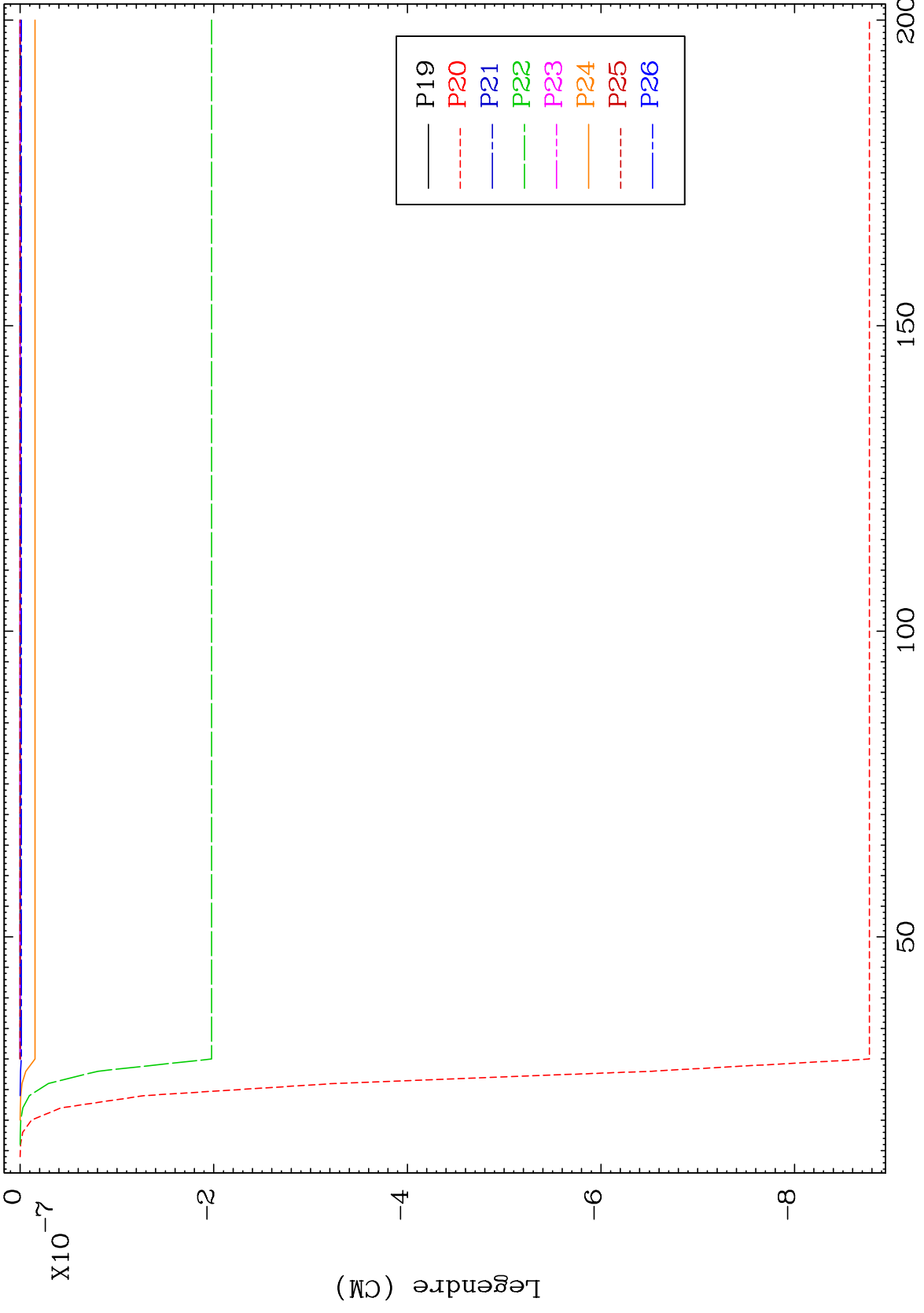


91

Incident Energy (MeV)

62-Sm-164

MAT 6285 MT= 71 (n,n') Level Legendre Coefficients 62-Sm-164

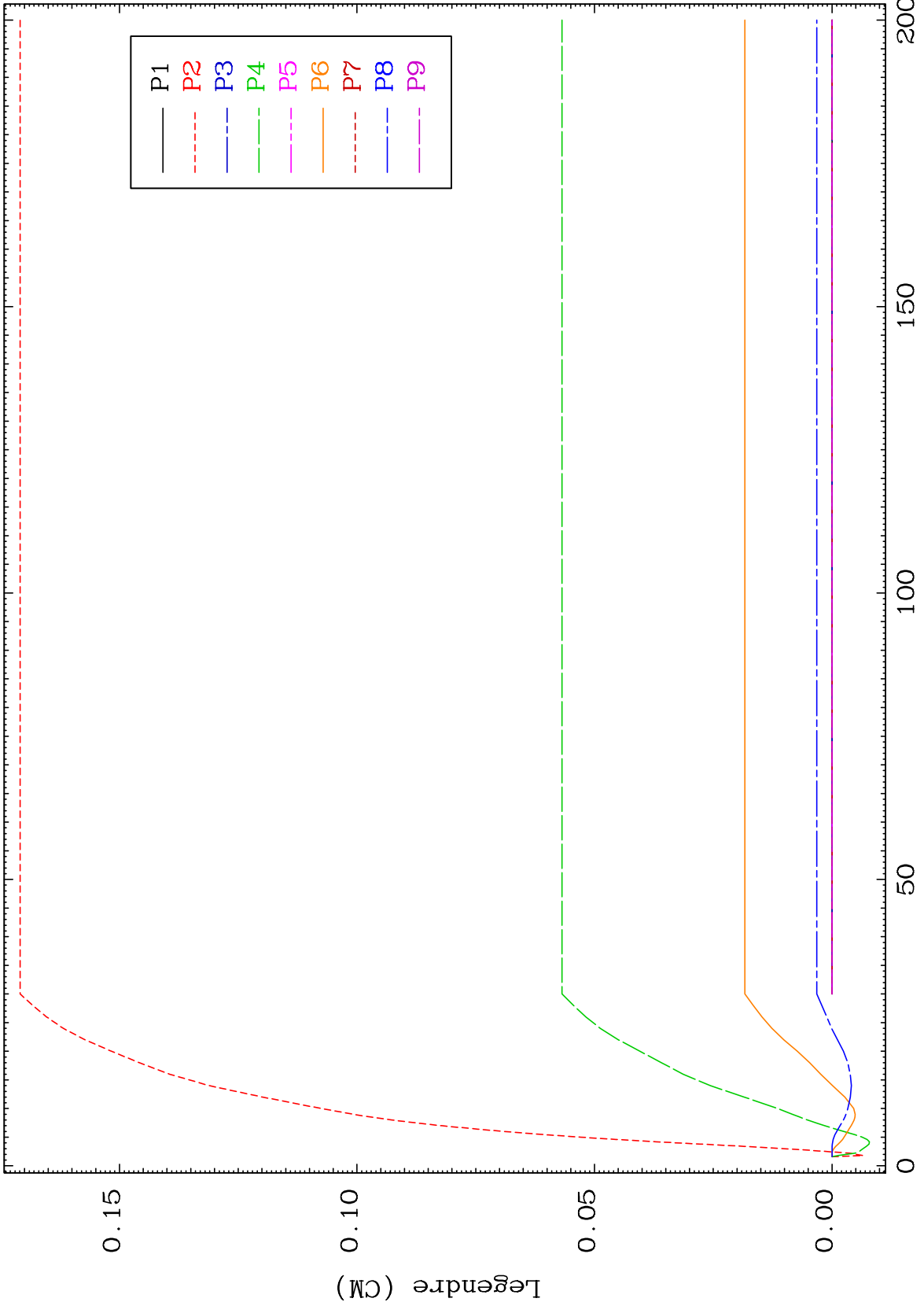


92 62-Sm-164

MAT 6285

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

62-Sm-164



93

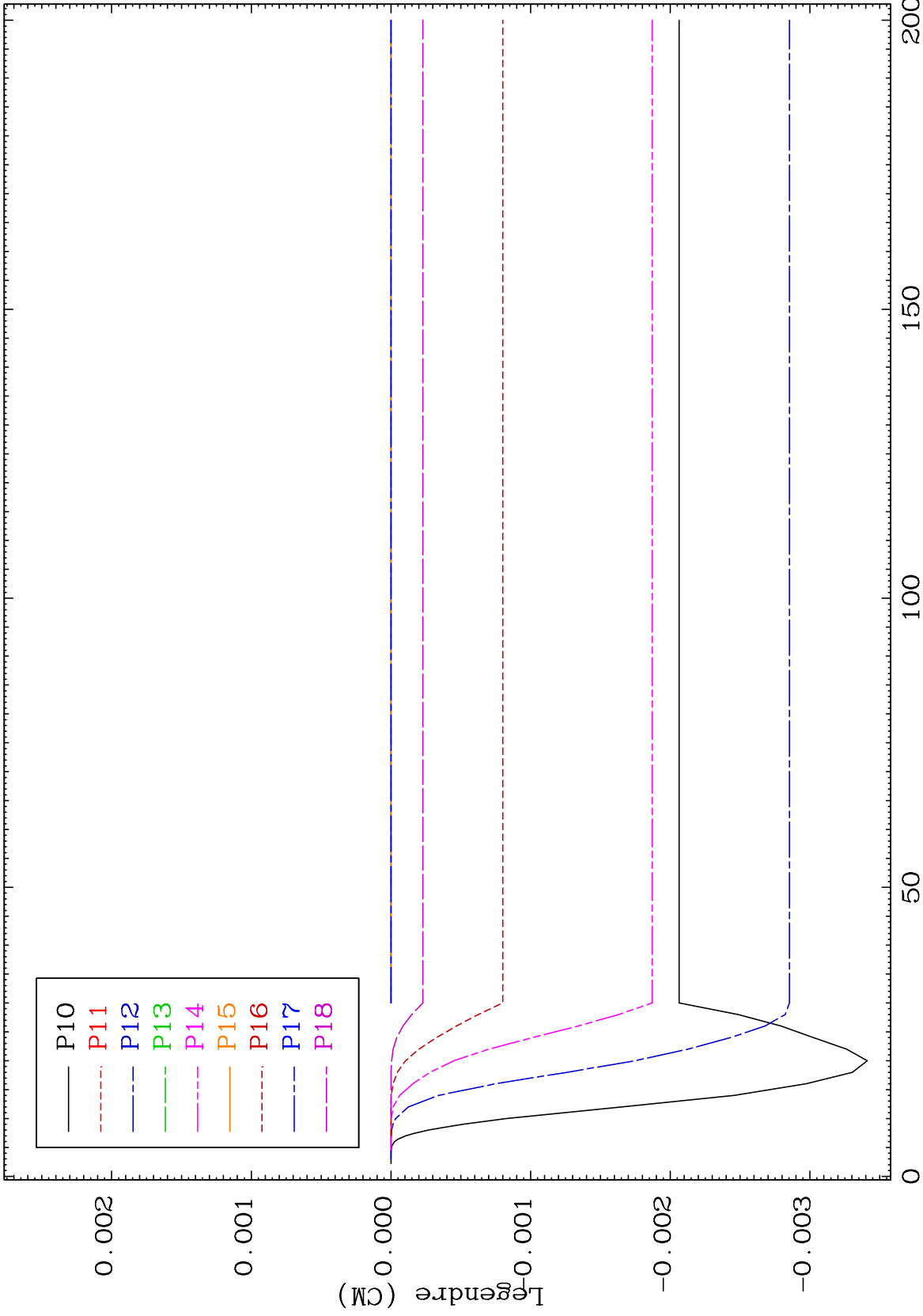
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



94

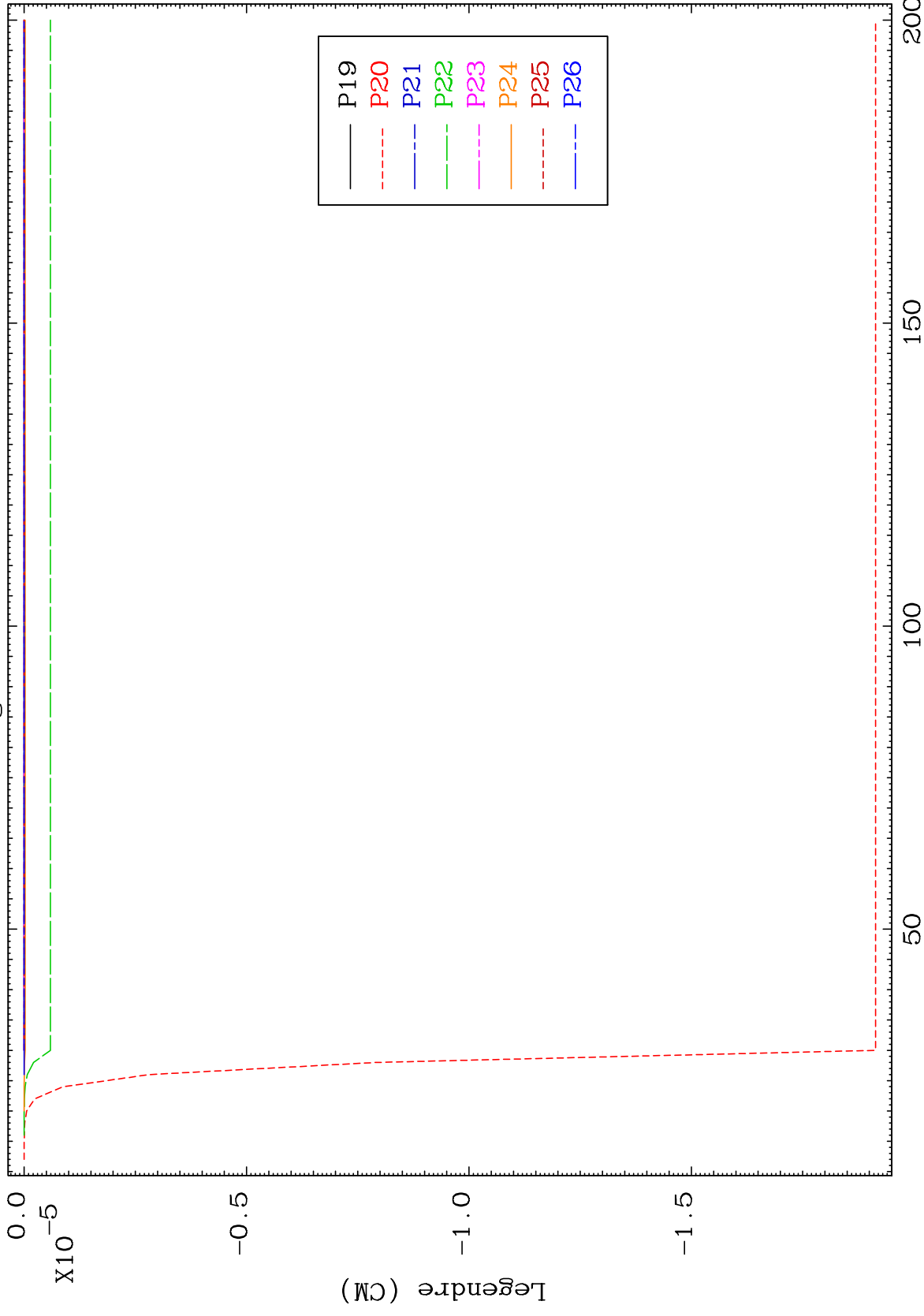
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164

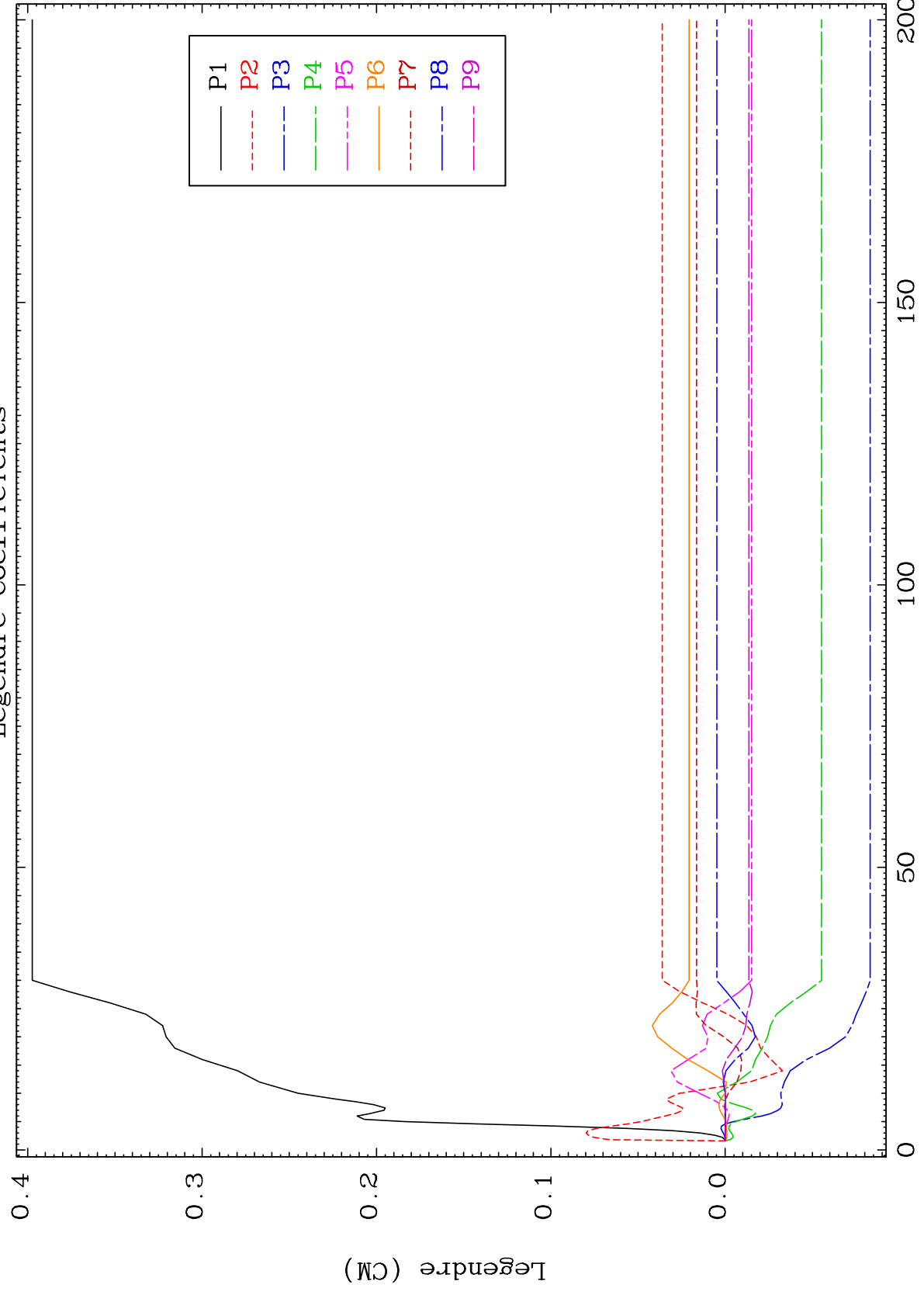


62-Sm-164

Incident Energy (MeV)

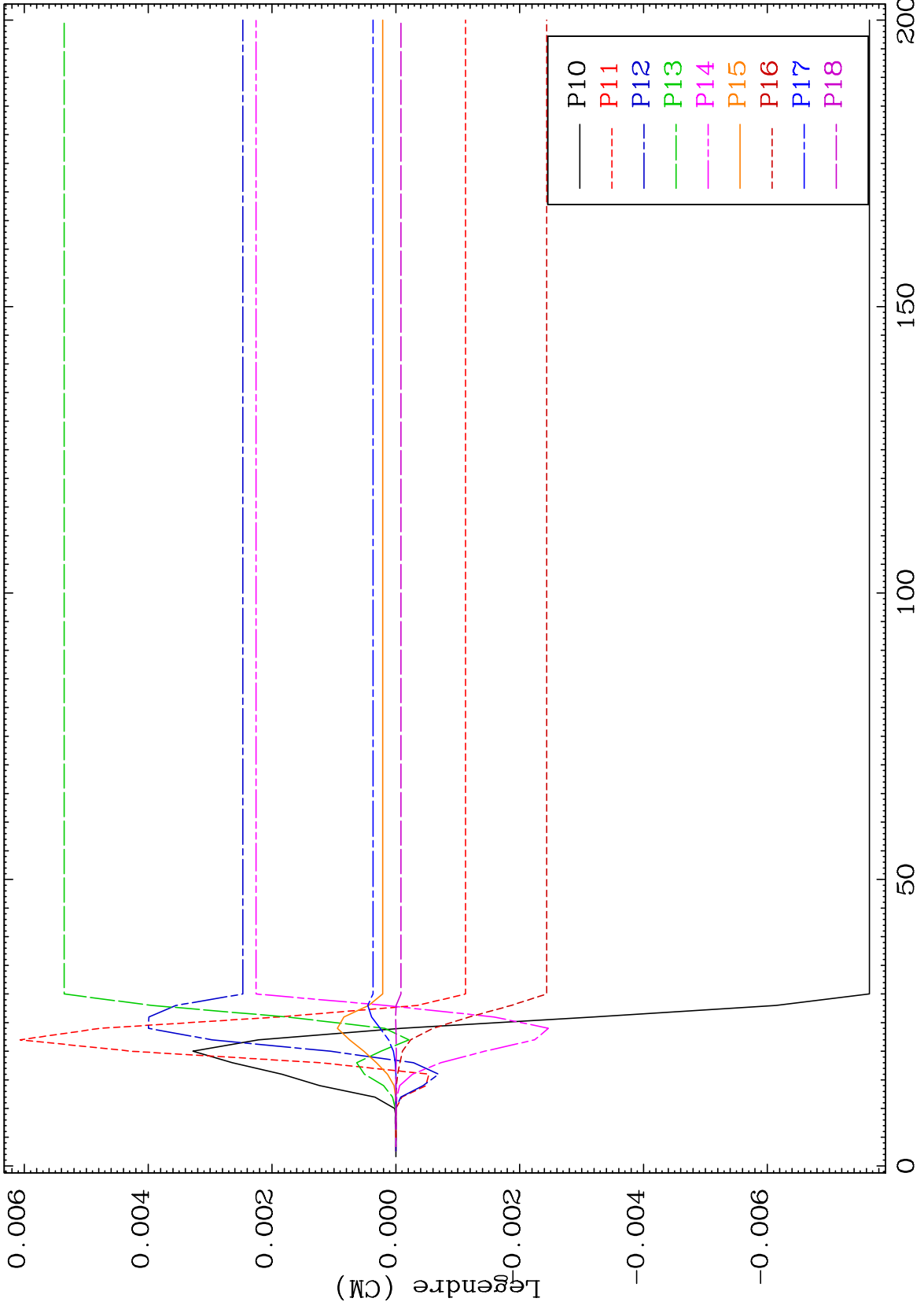
95

MAT 6285 MT= 73 (n,n') Level Legendre Coefficients 62-Sm-164



96 Incident Energy (MeV) 62-Sm-164

MAT 6285 MT= 73 (n,n') Level Legendre Coefficients 62-Sm-164

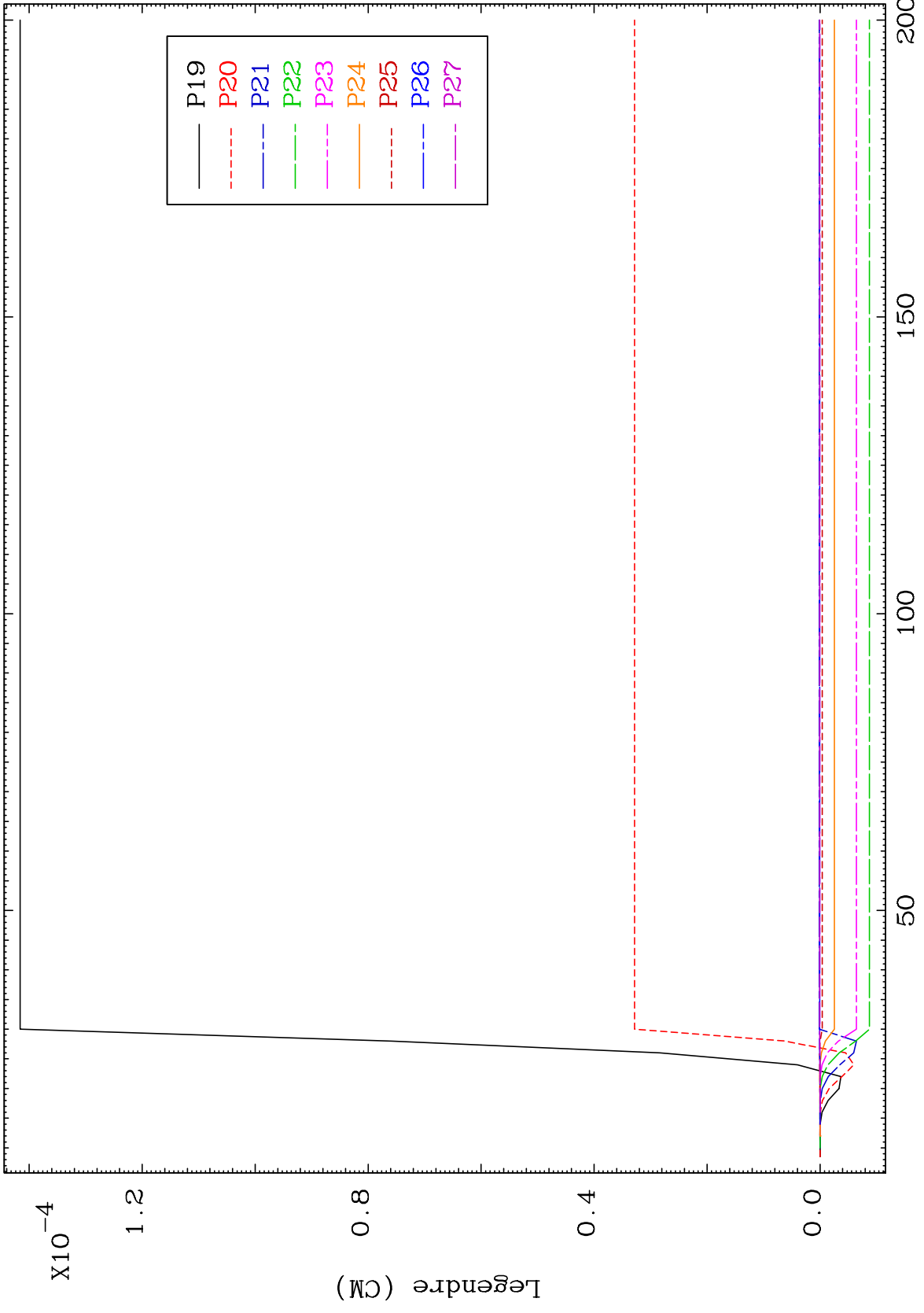


97 62-Sm-164

MAT 6285

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

62-Sm-164



98

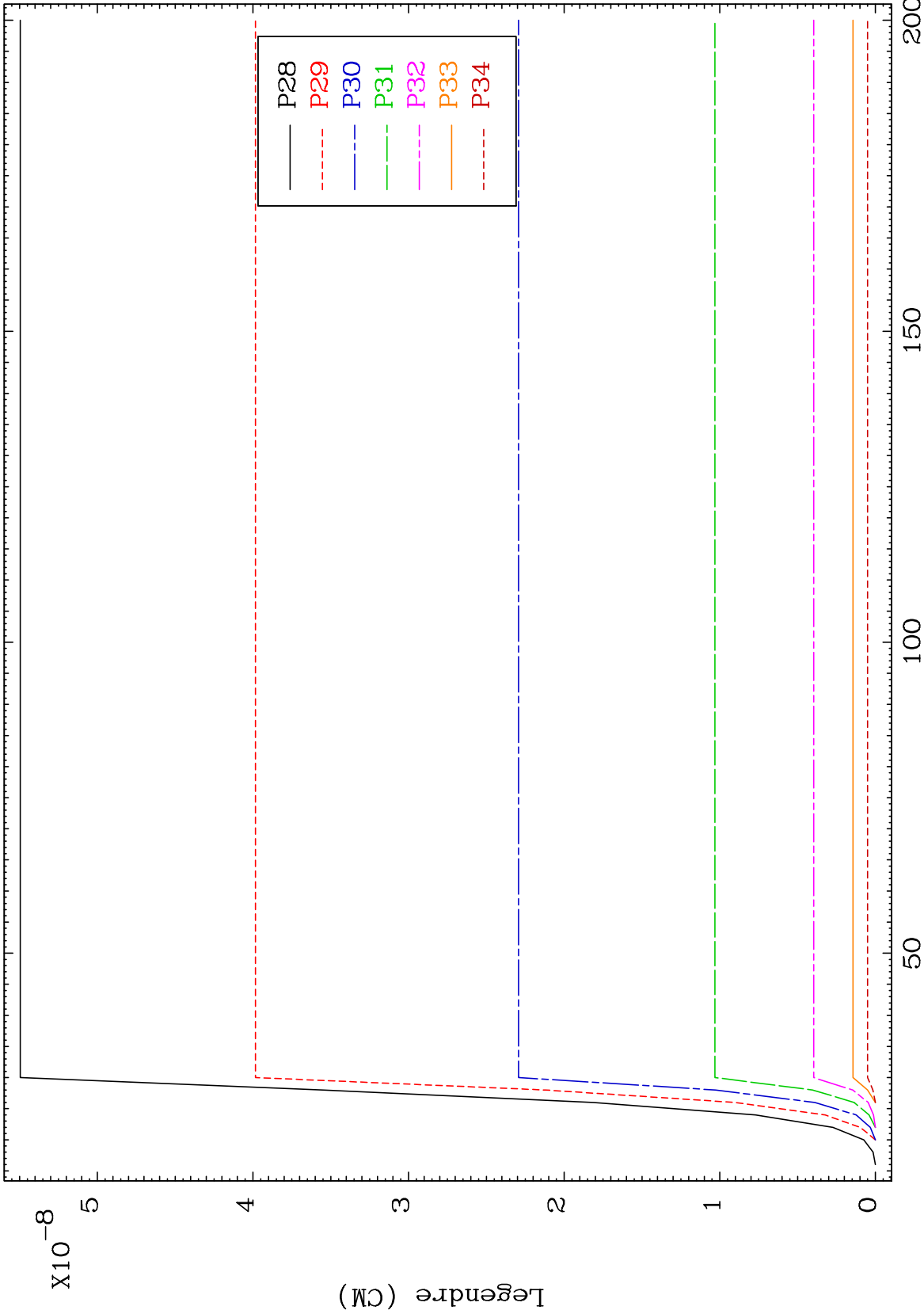
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



99

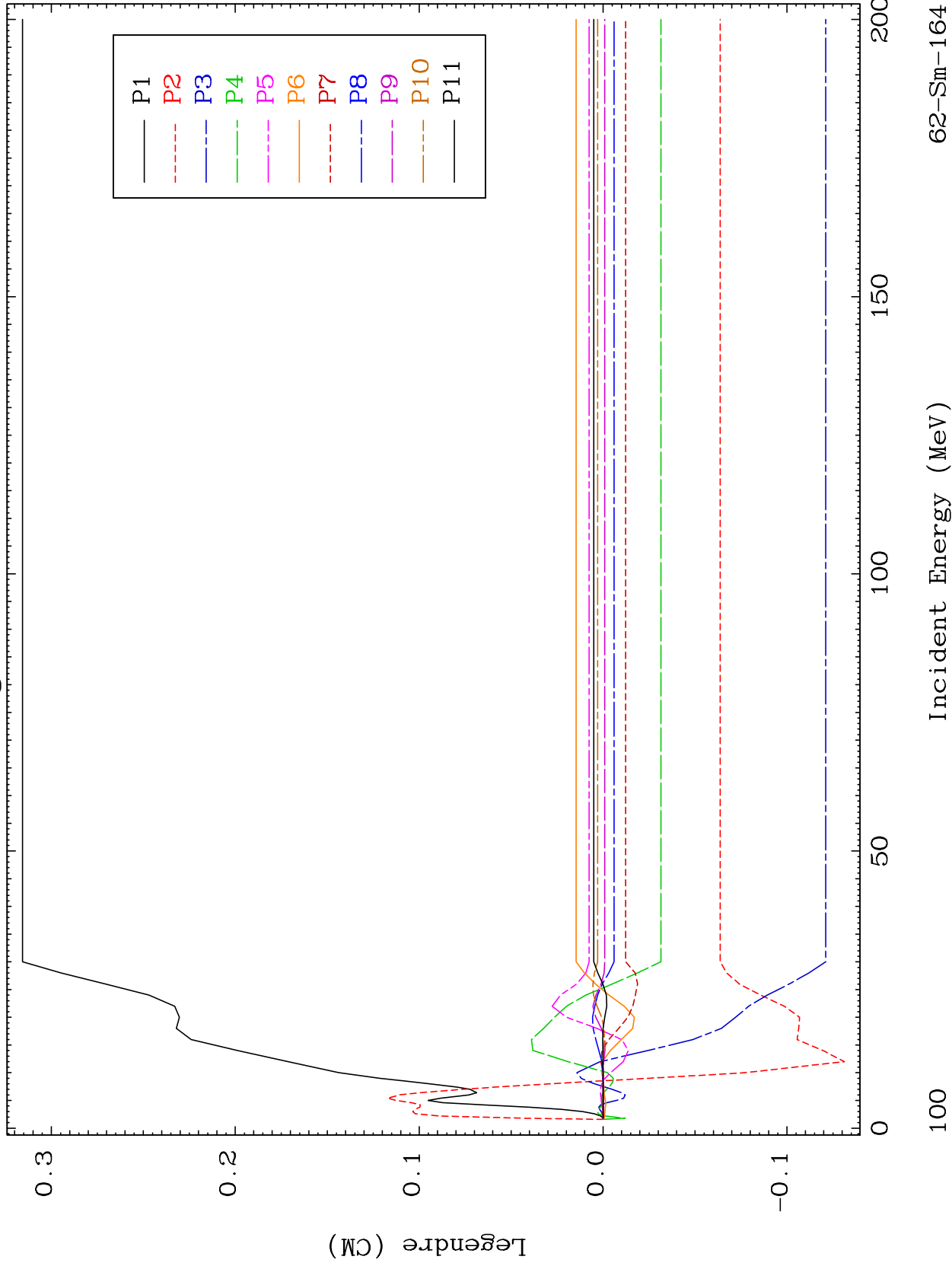
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

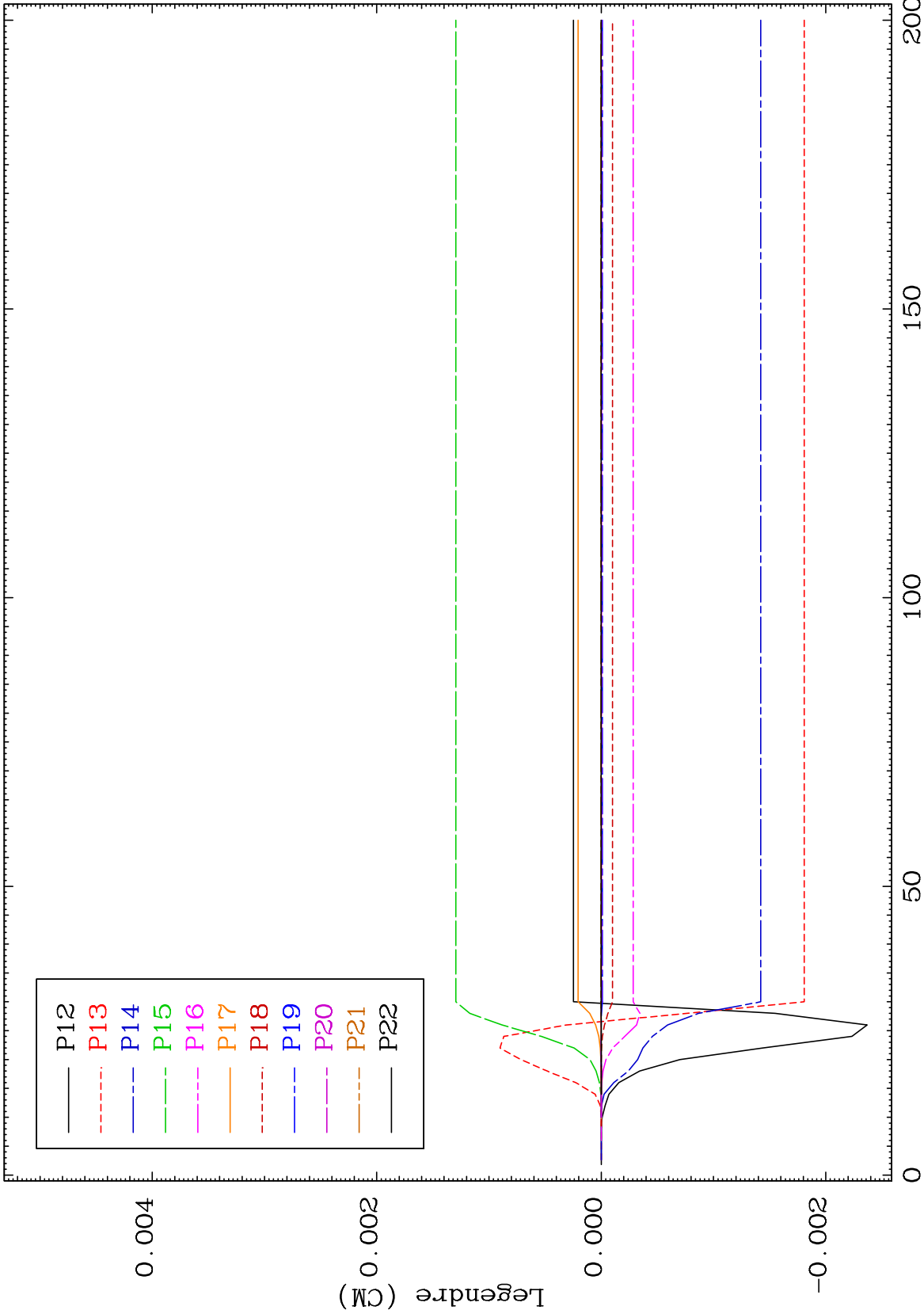
62-Sm-164



MAT 6285

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

62-Sm-164



101

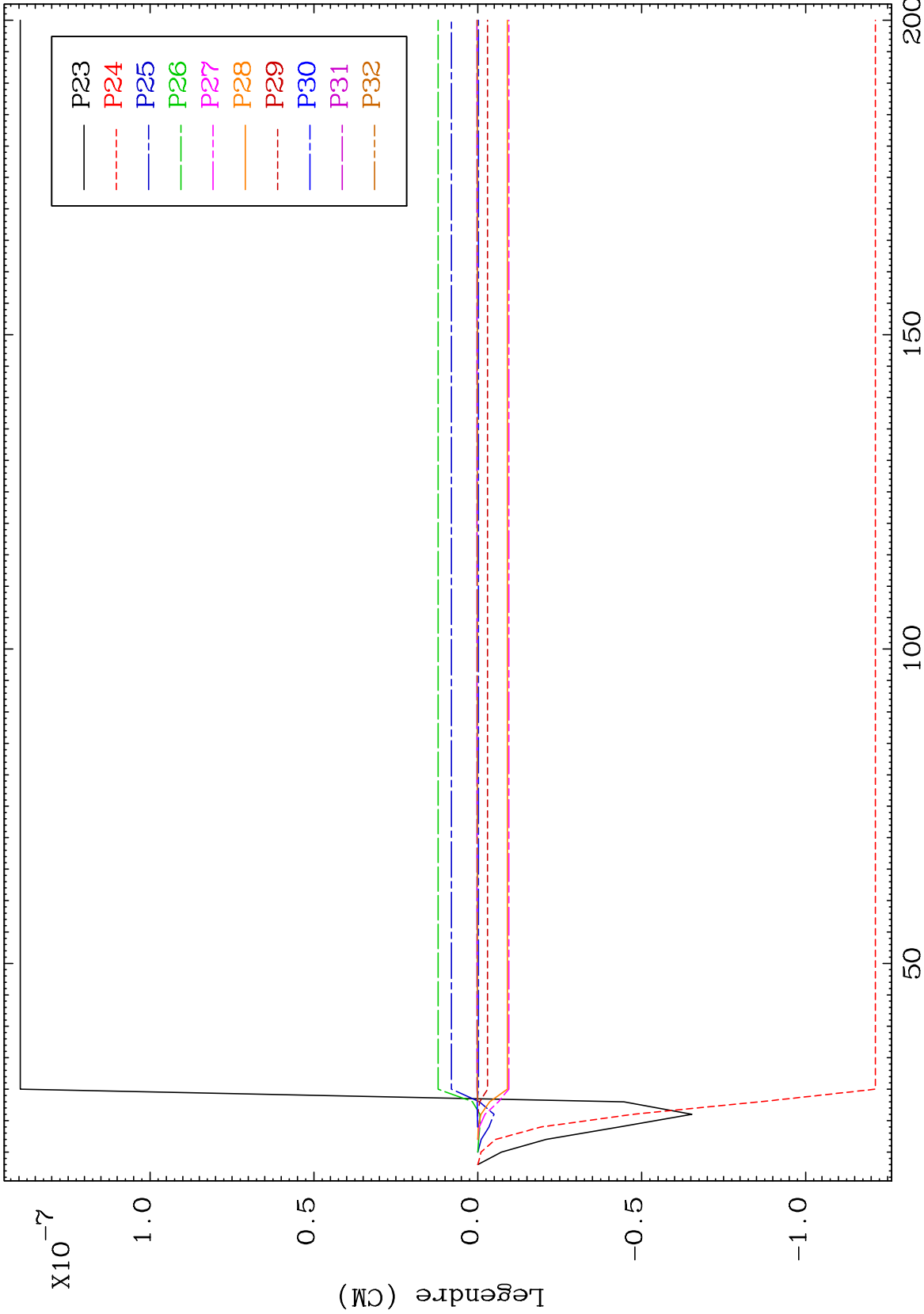
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

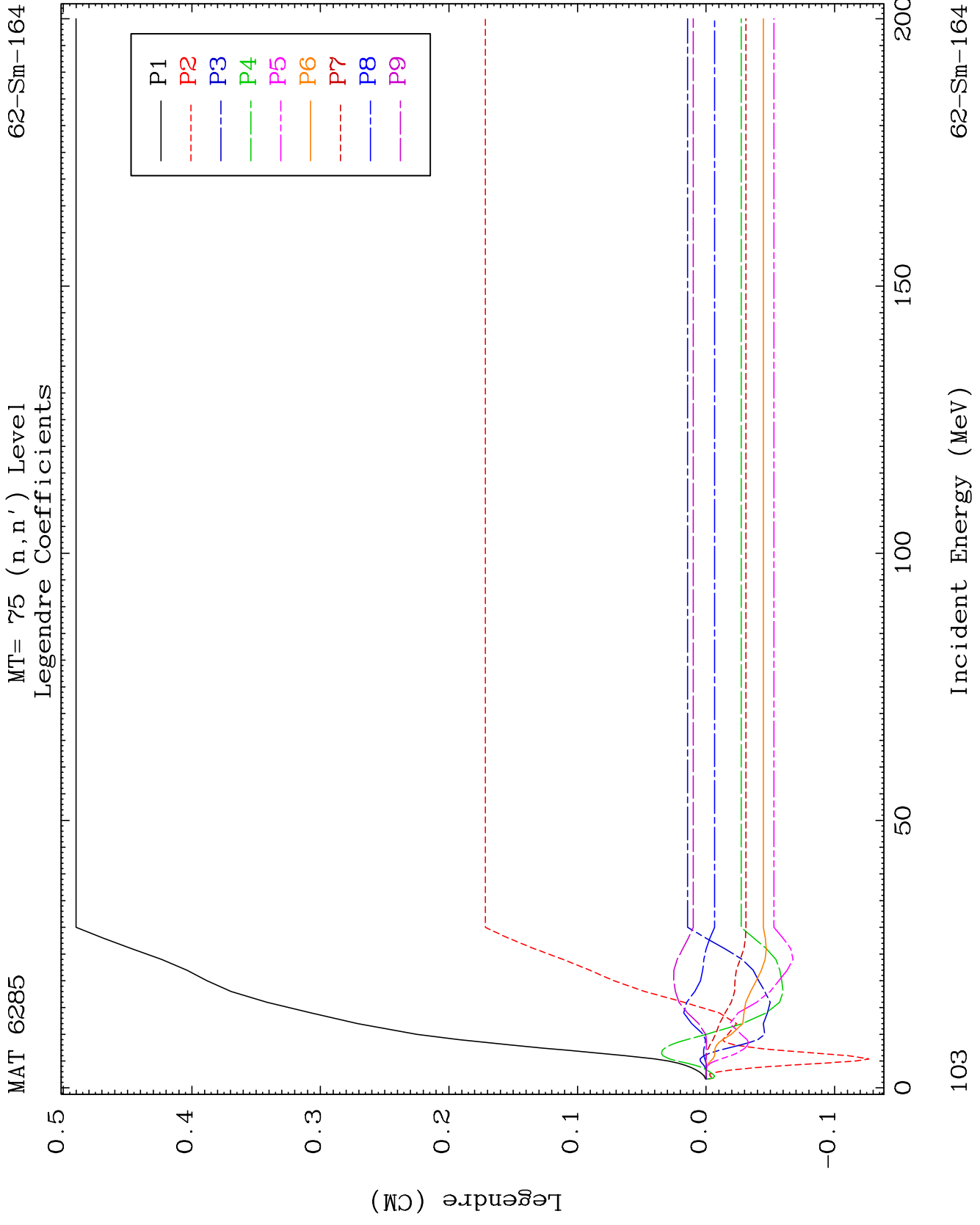
62-Sm-164



102

Incident Energy (MeV)

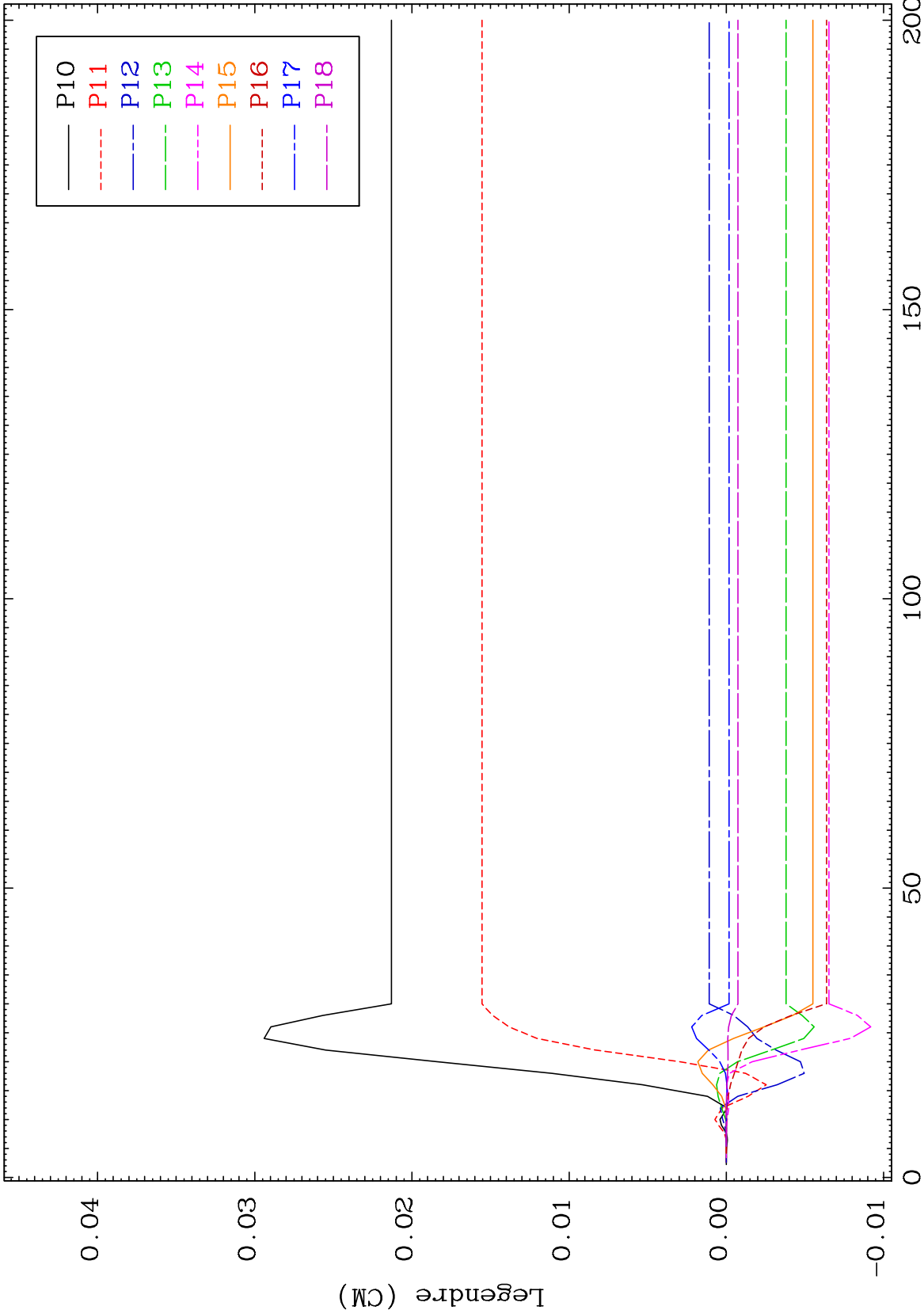
62-Sm-164



MAT 6285

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

62-Sm-164



104

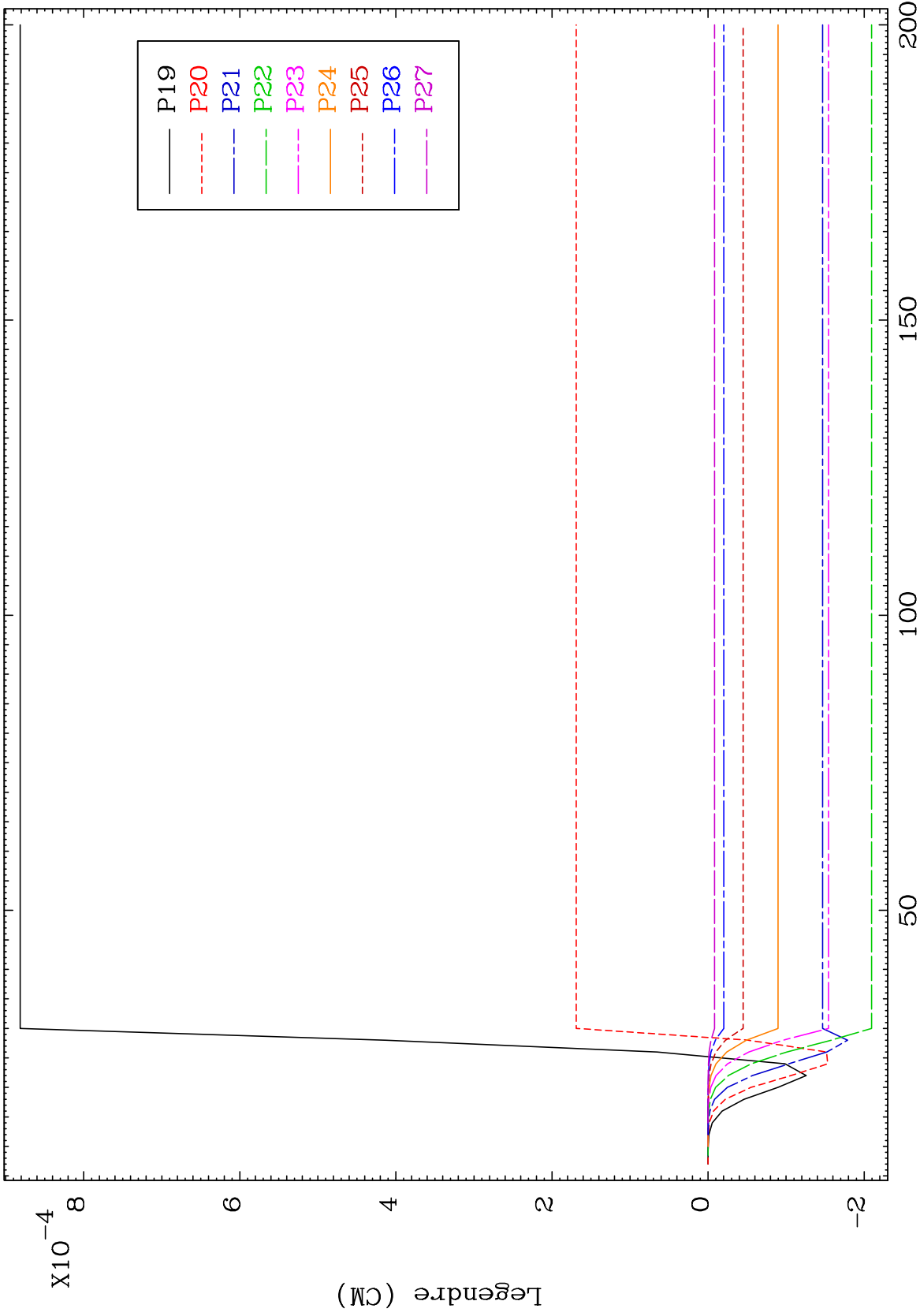
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



105

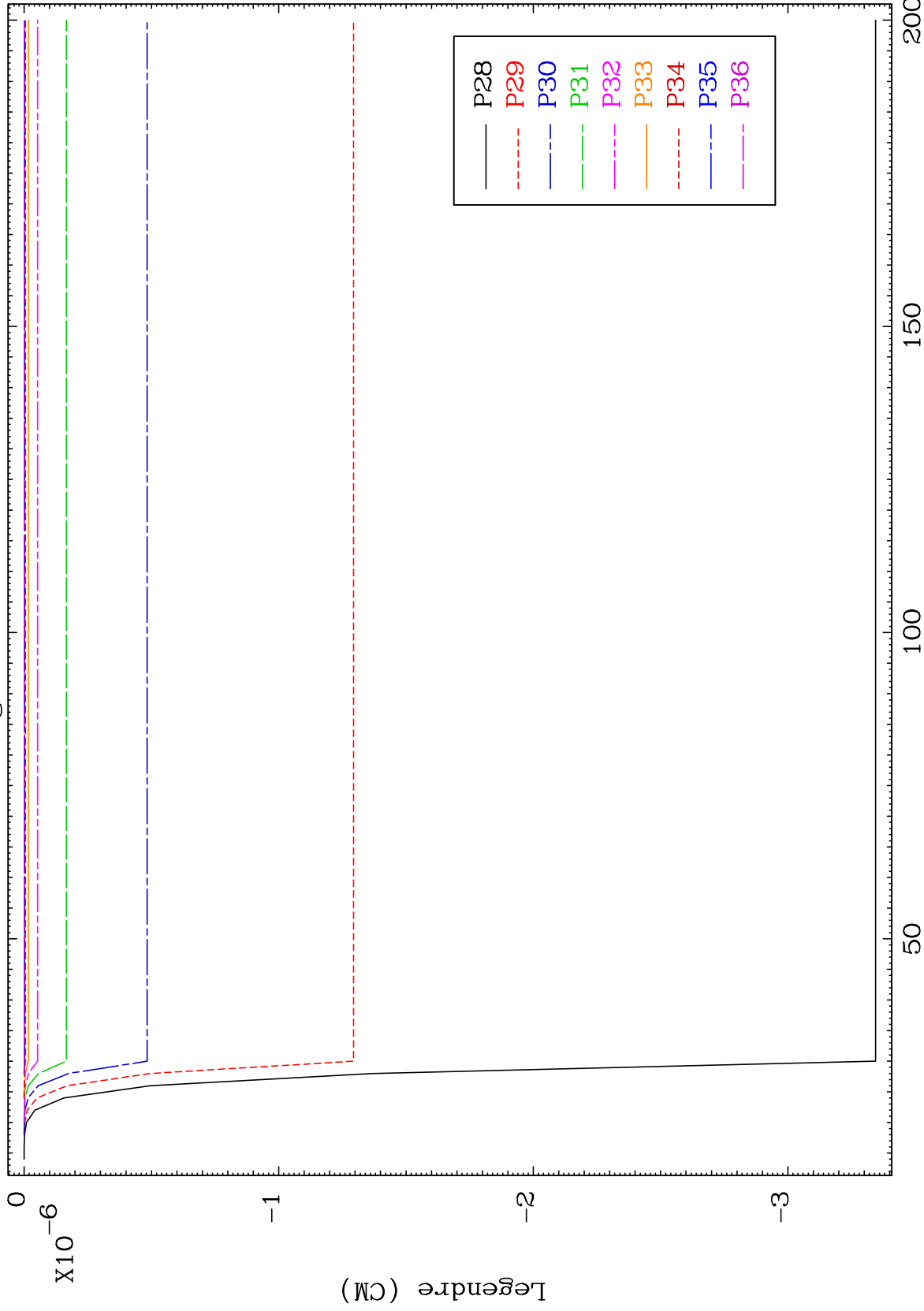
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



106

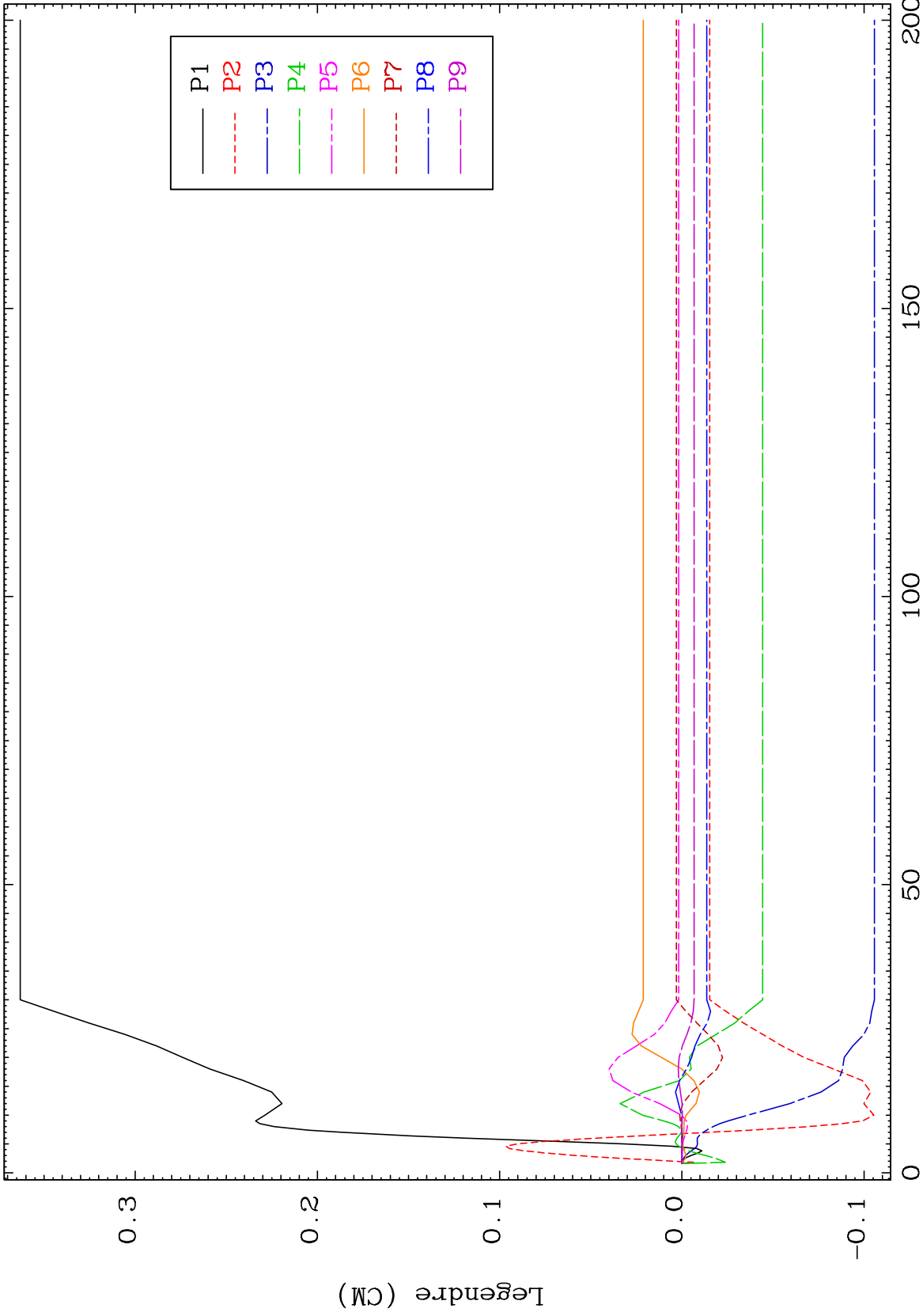
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



107

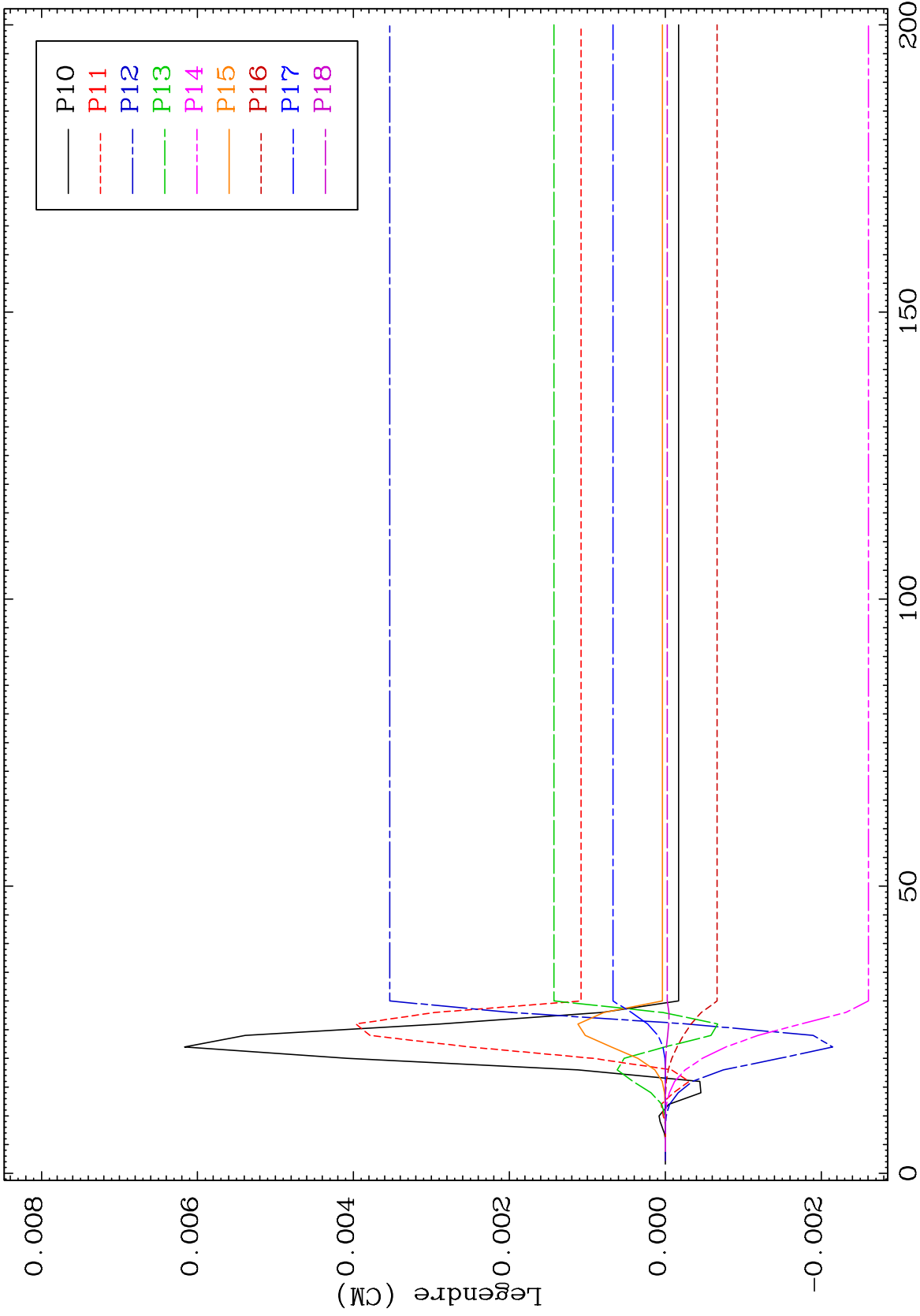
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



108

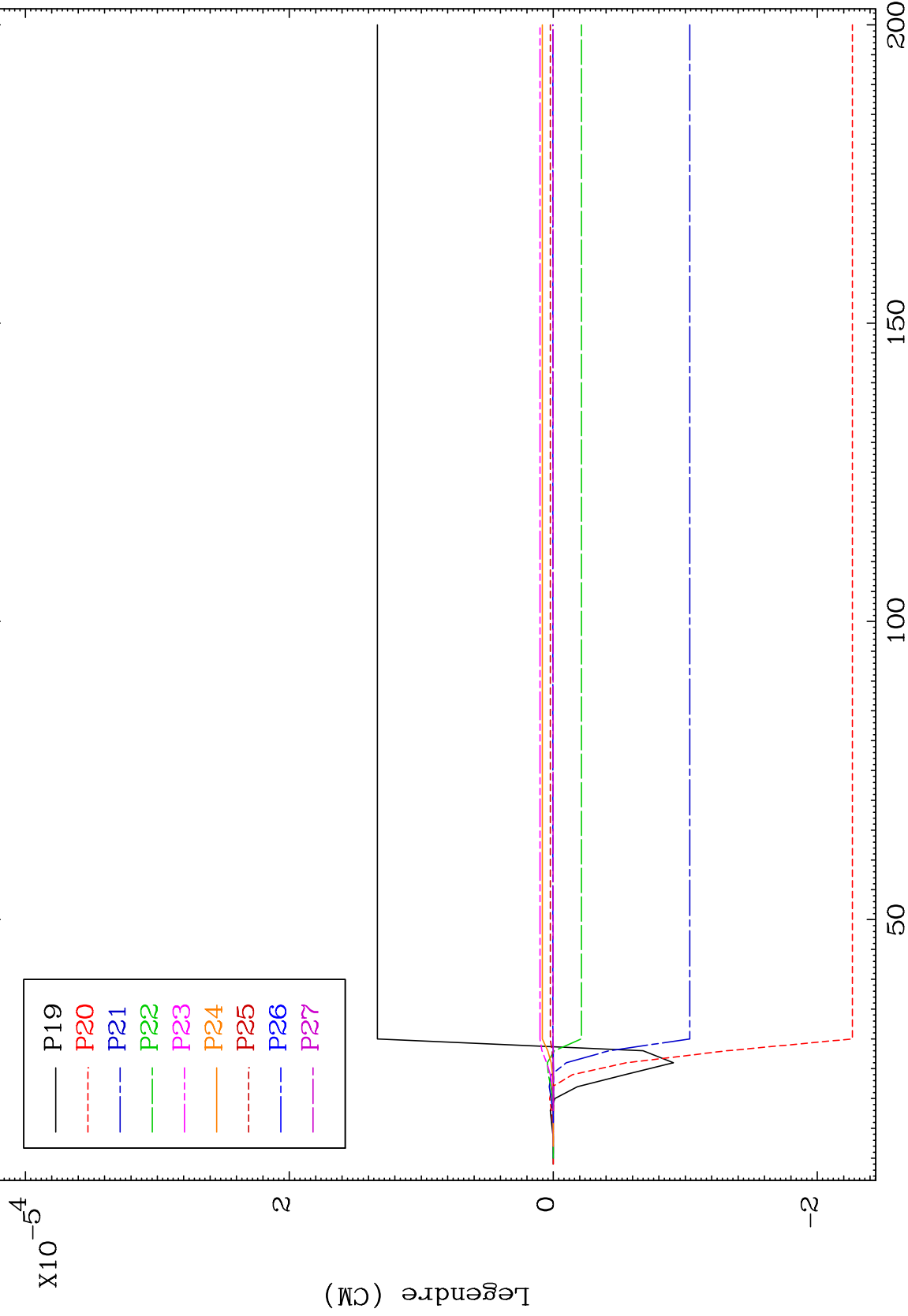
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



109

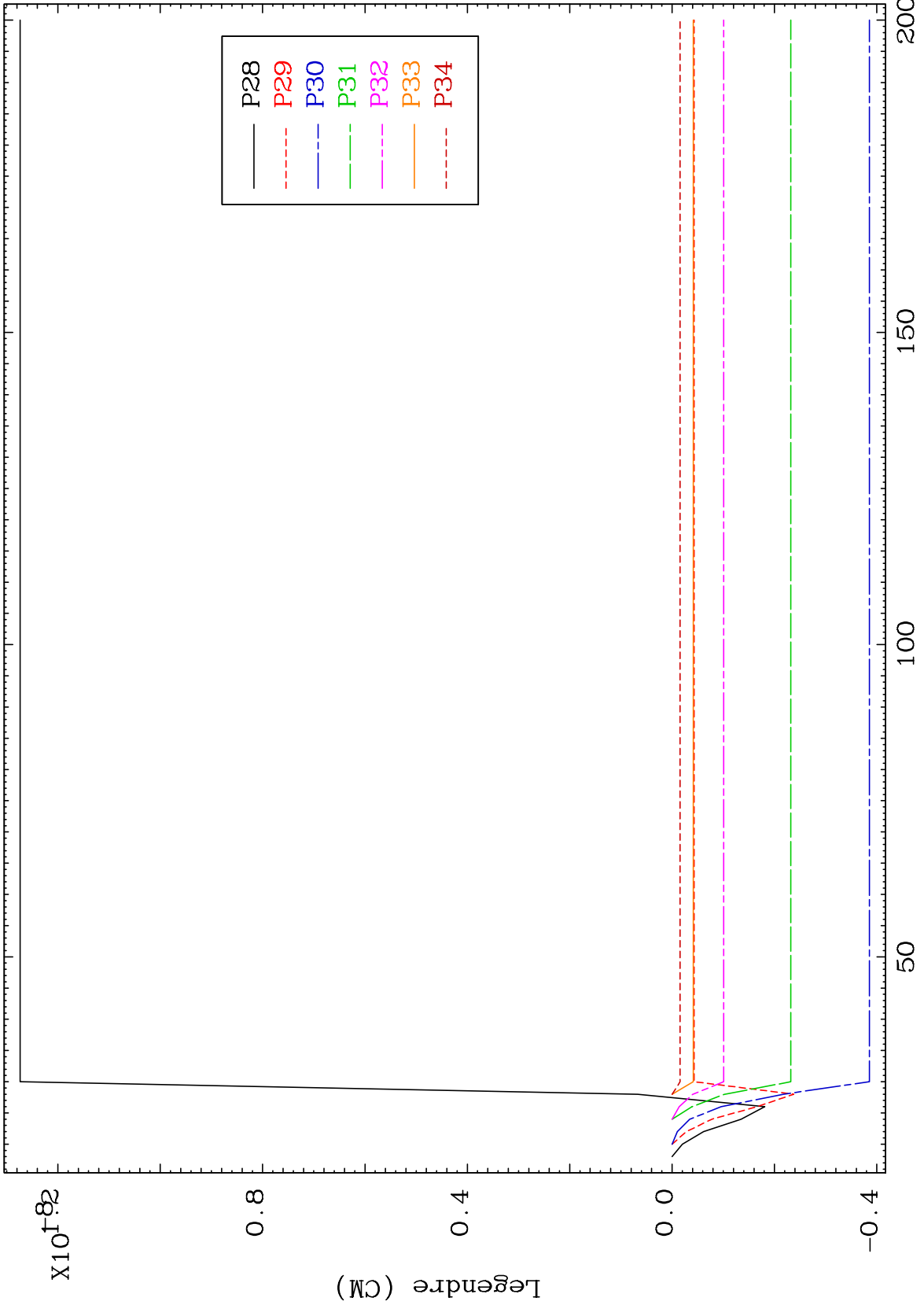
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



62-Sm-164

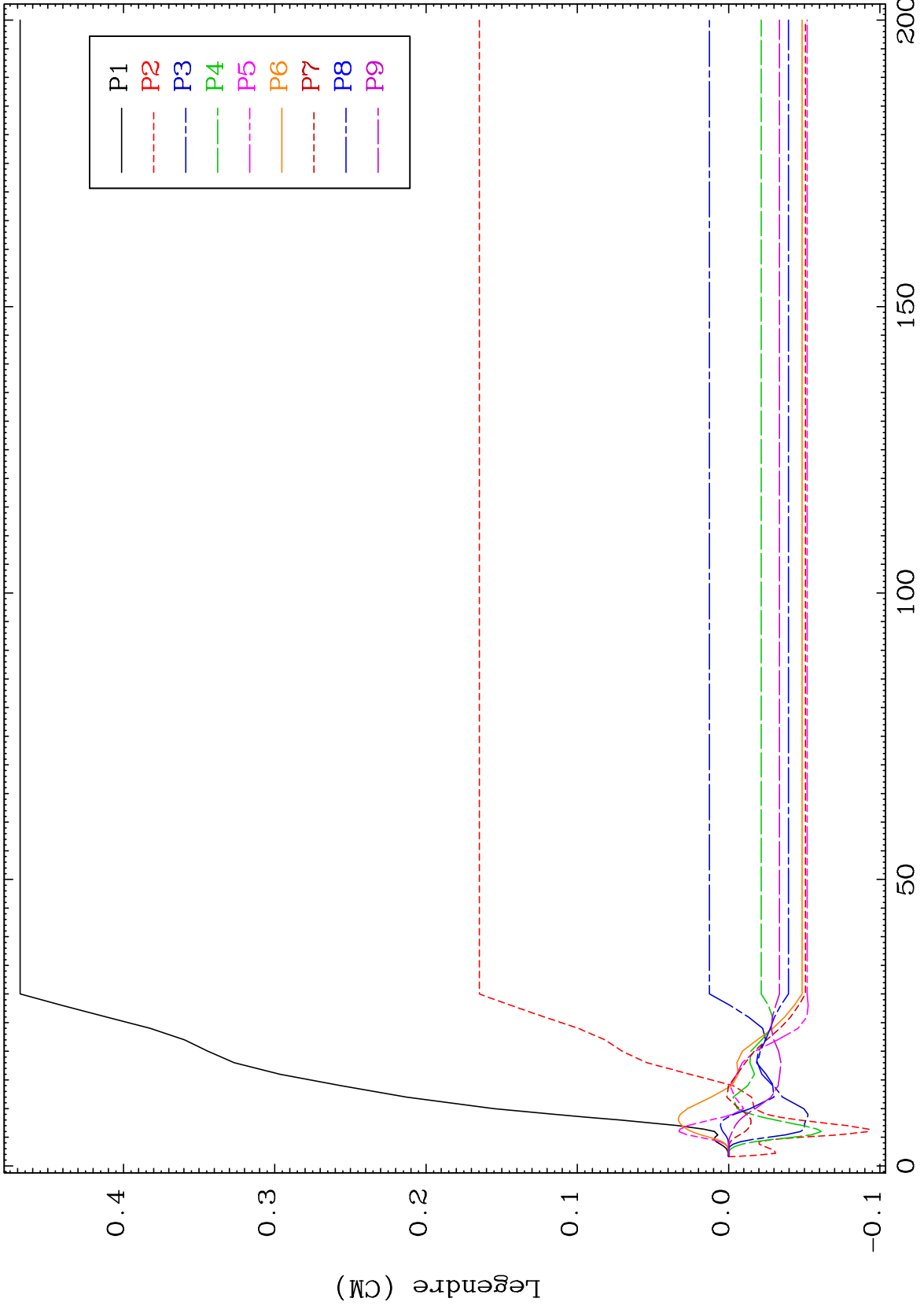
Incident Energy (MeV)

110

MAT 6285

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

62-Sm-164



111

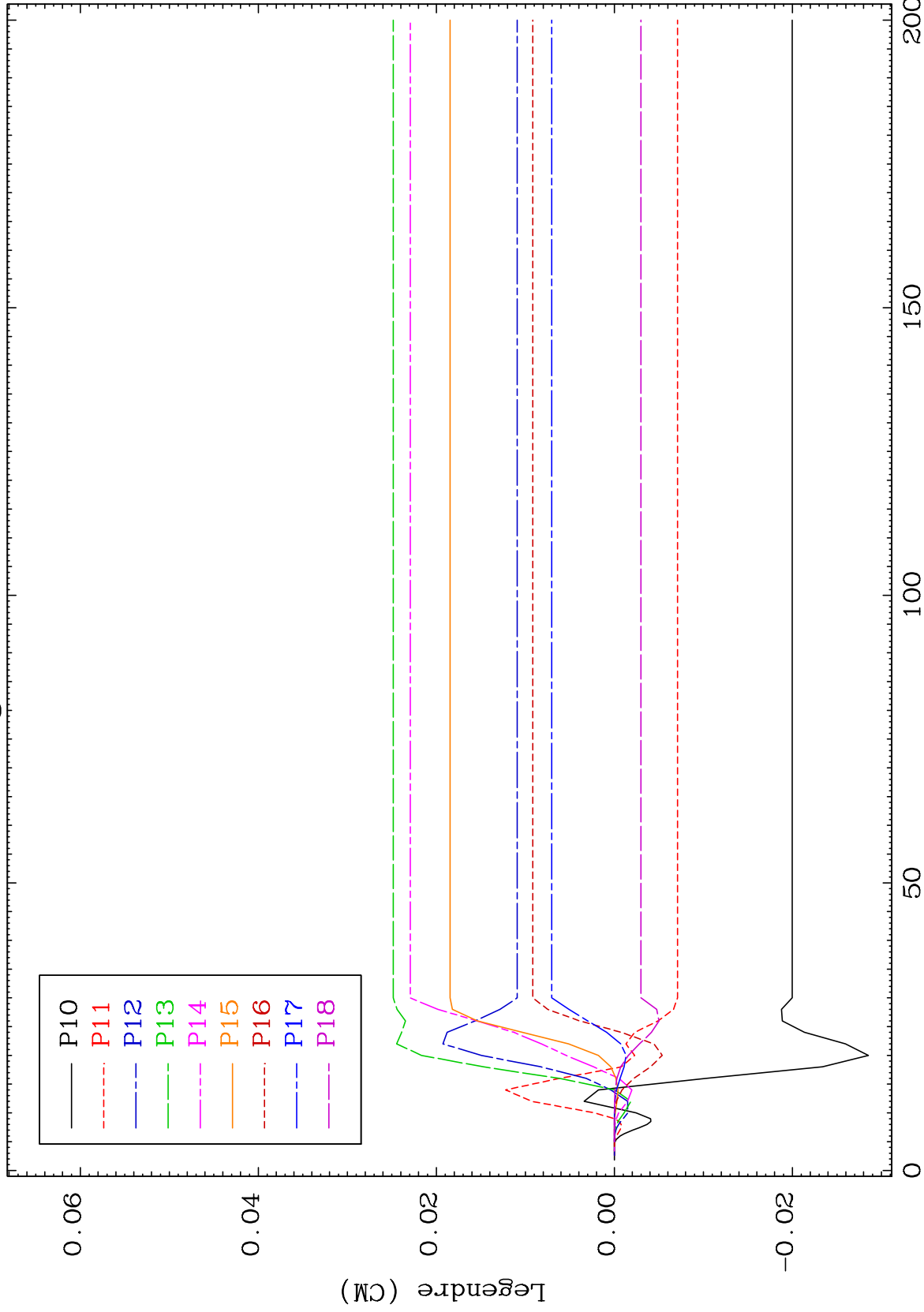
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



112

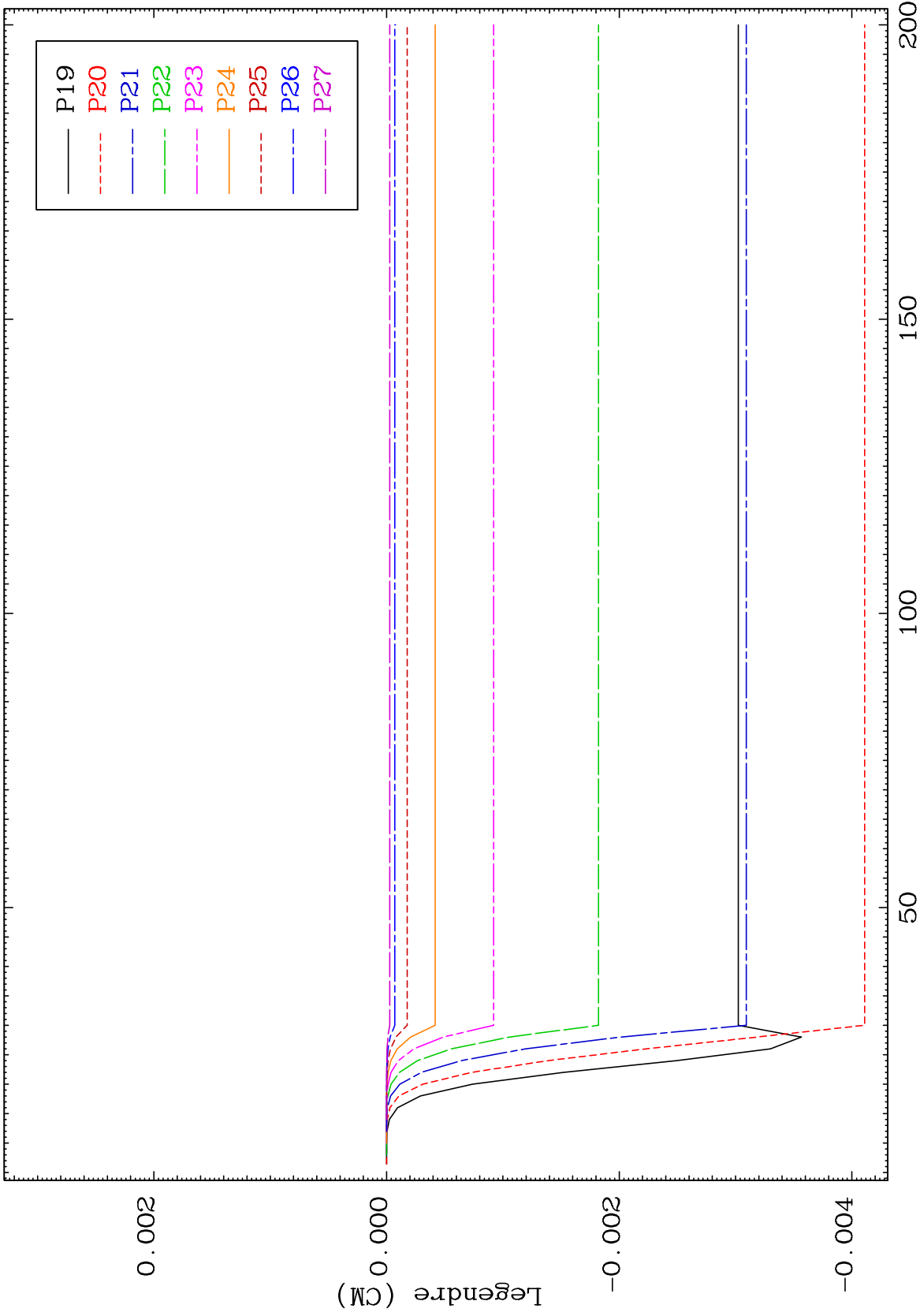
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



113

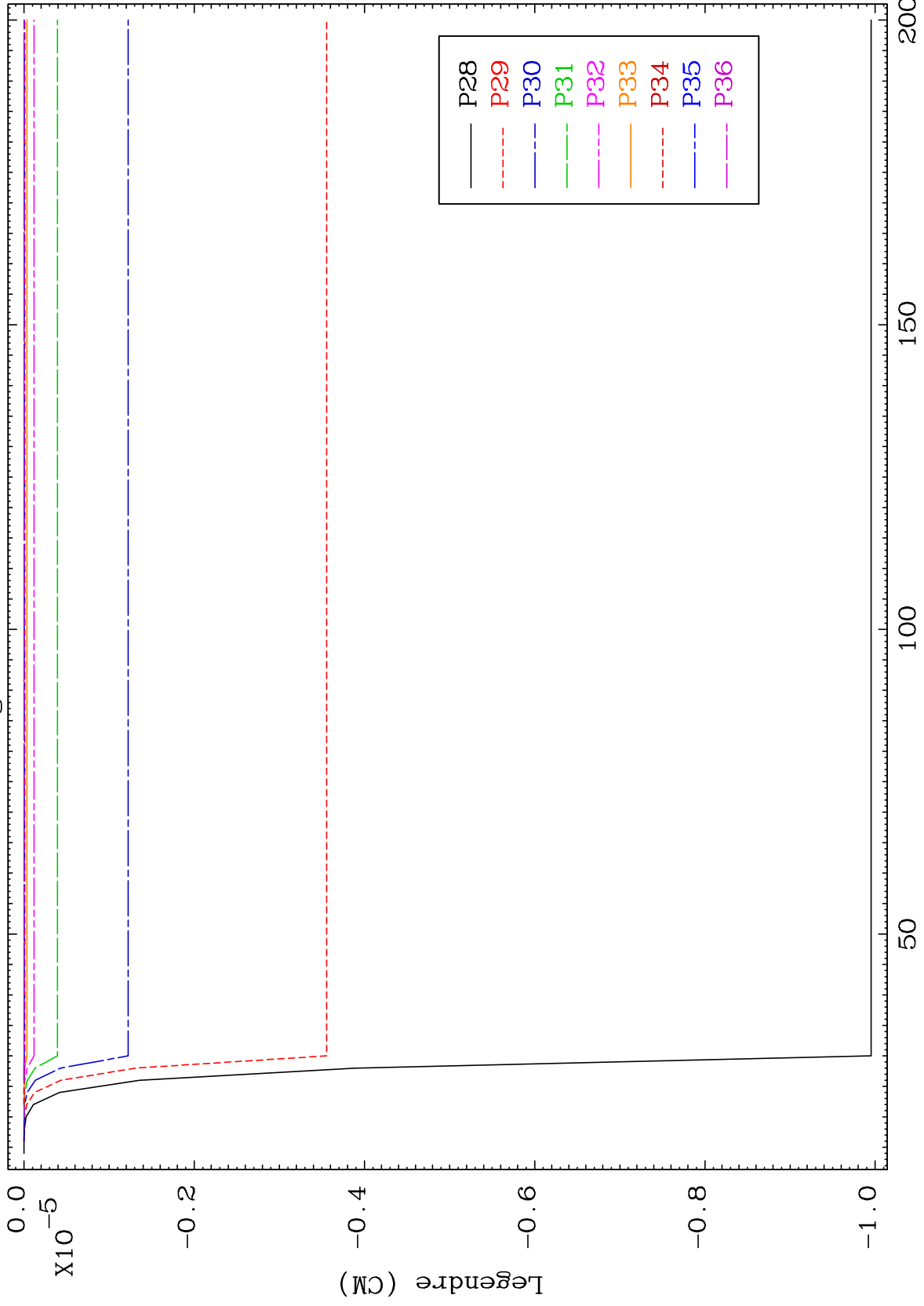
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

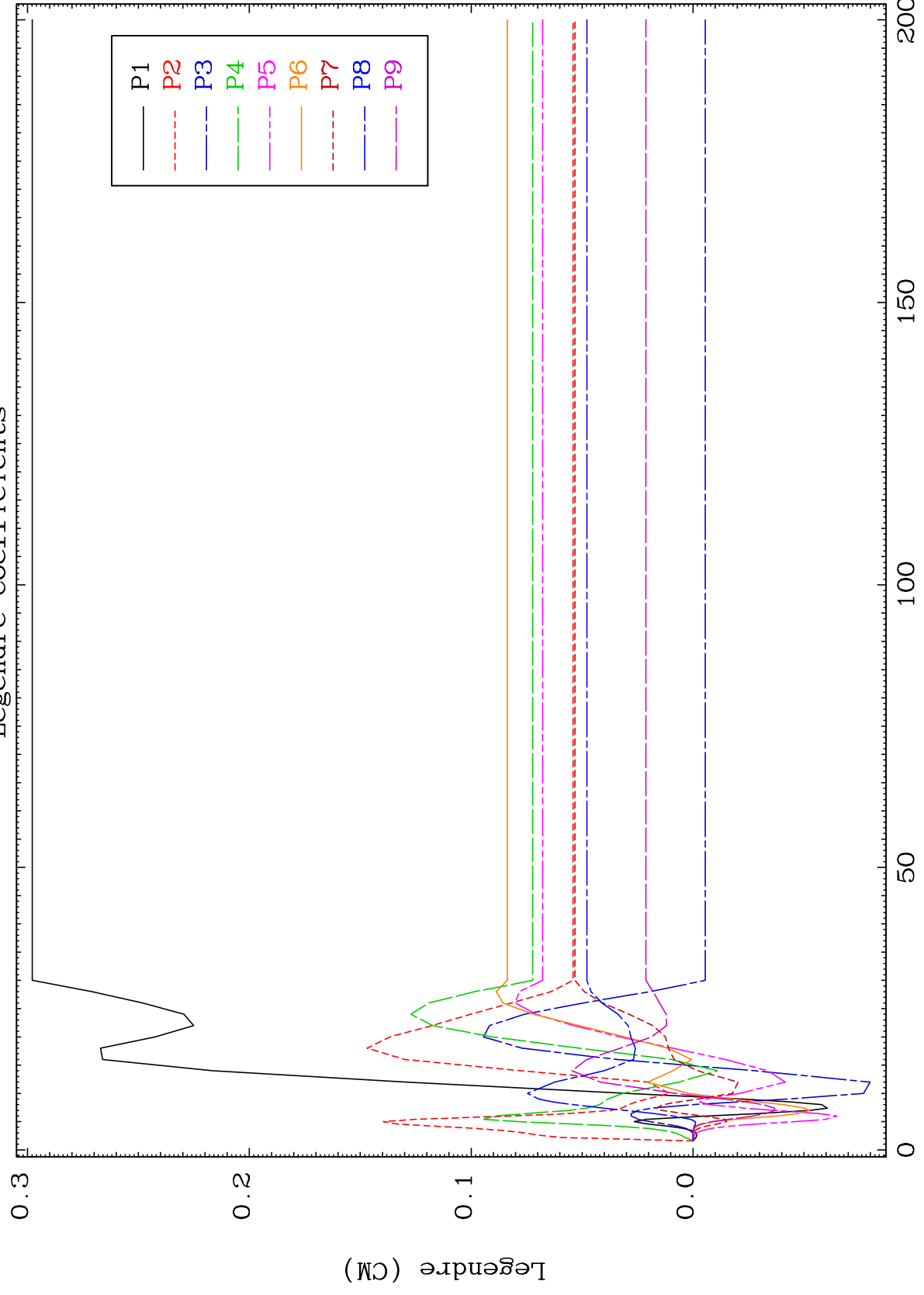
62-Sm-164



62-Sm-164

114

MAT 6285 MT= 78 (n,n') Level Legendre Coefficients 62-Sm-164

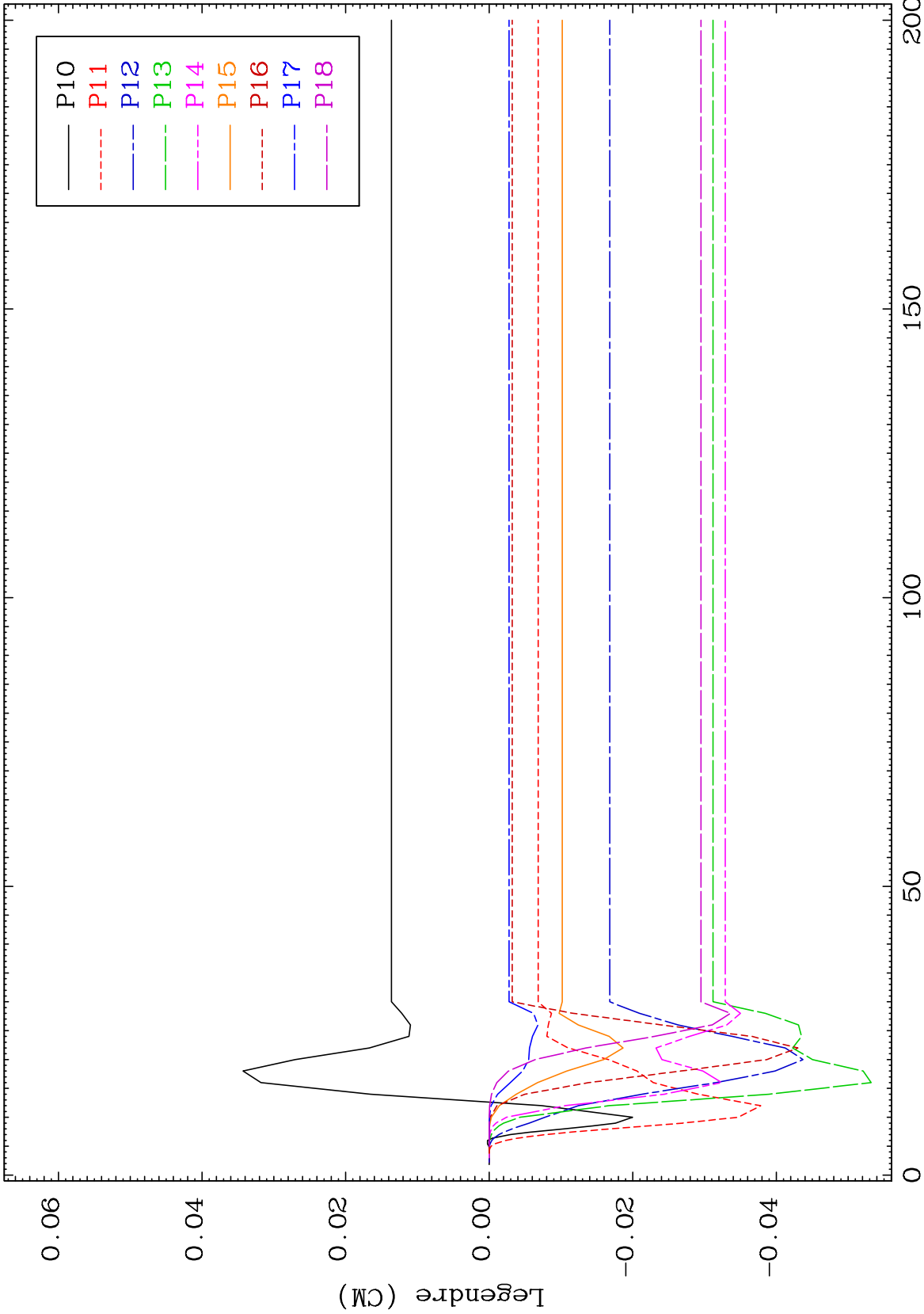


115 Incident Energy (MeV) 62-Sm-164

MAT 6285

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

62-Sm-164



116

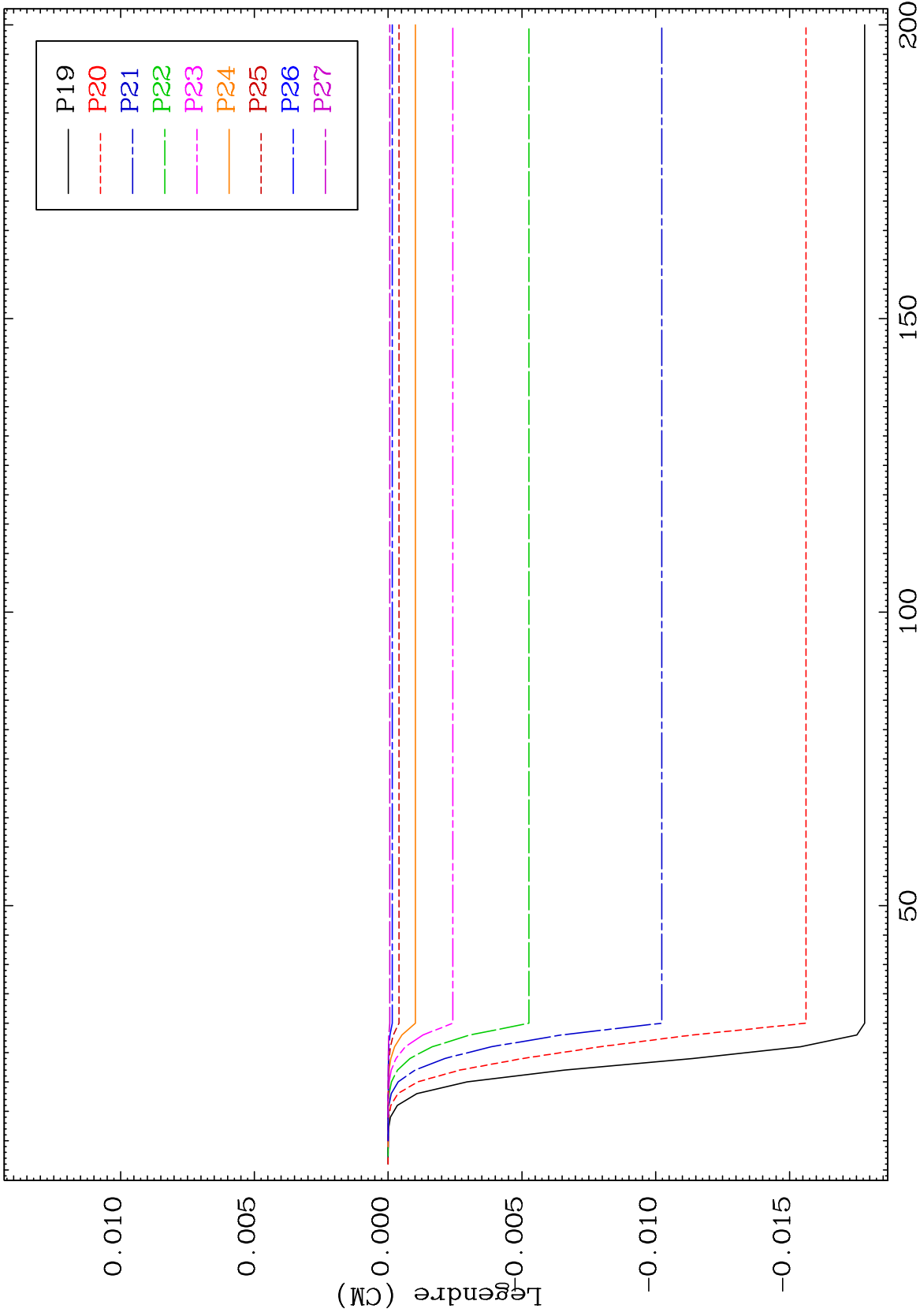
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



117

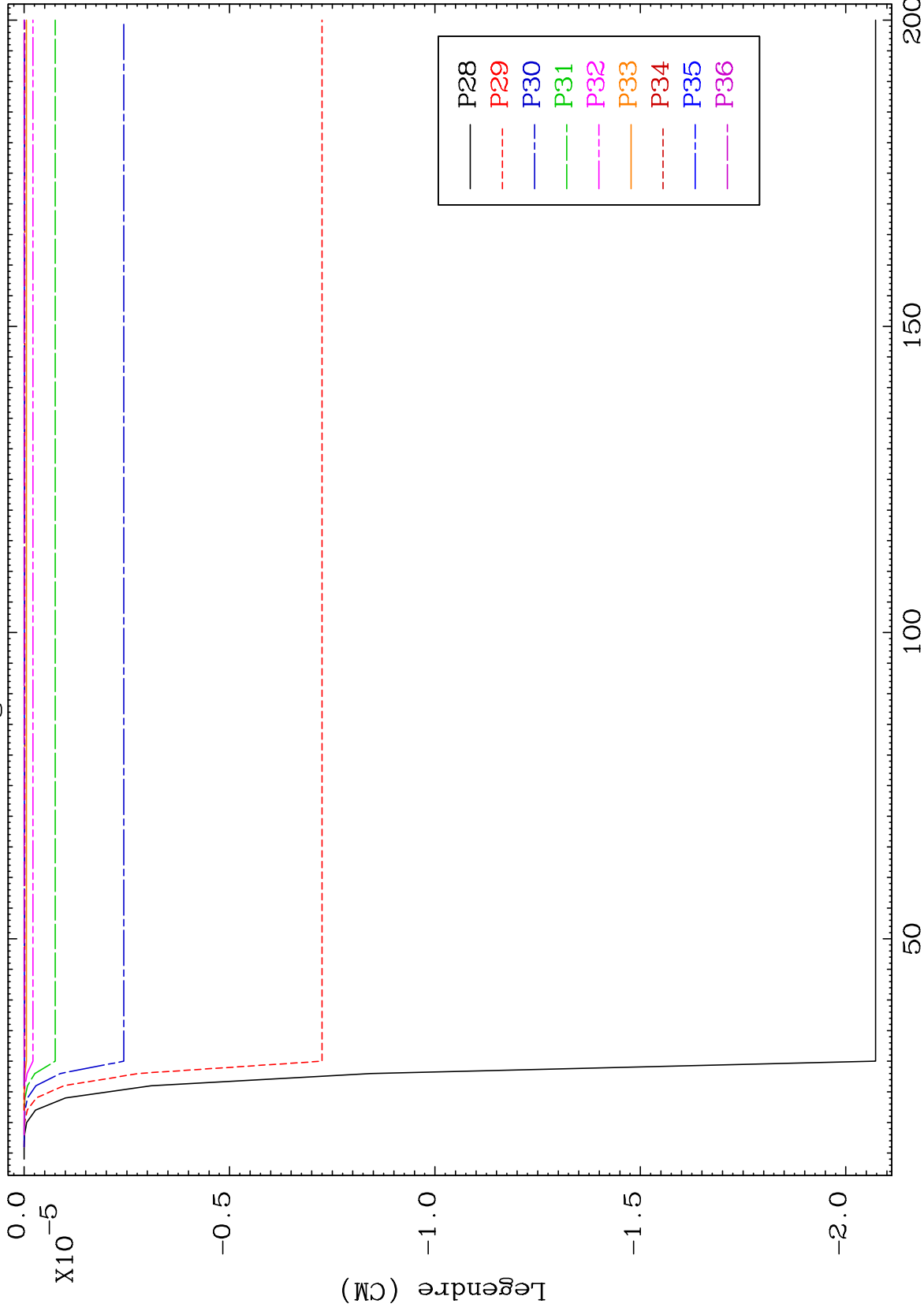
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164

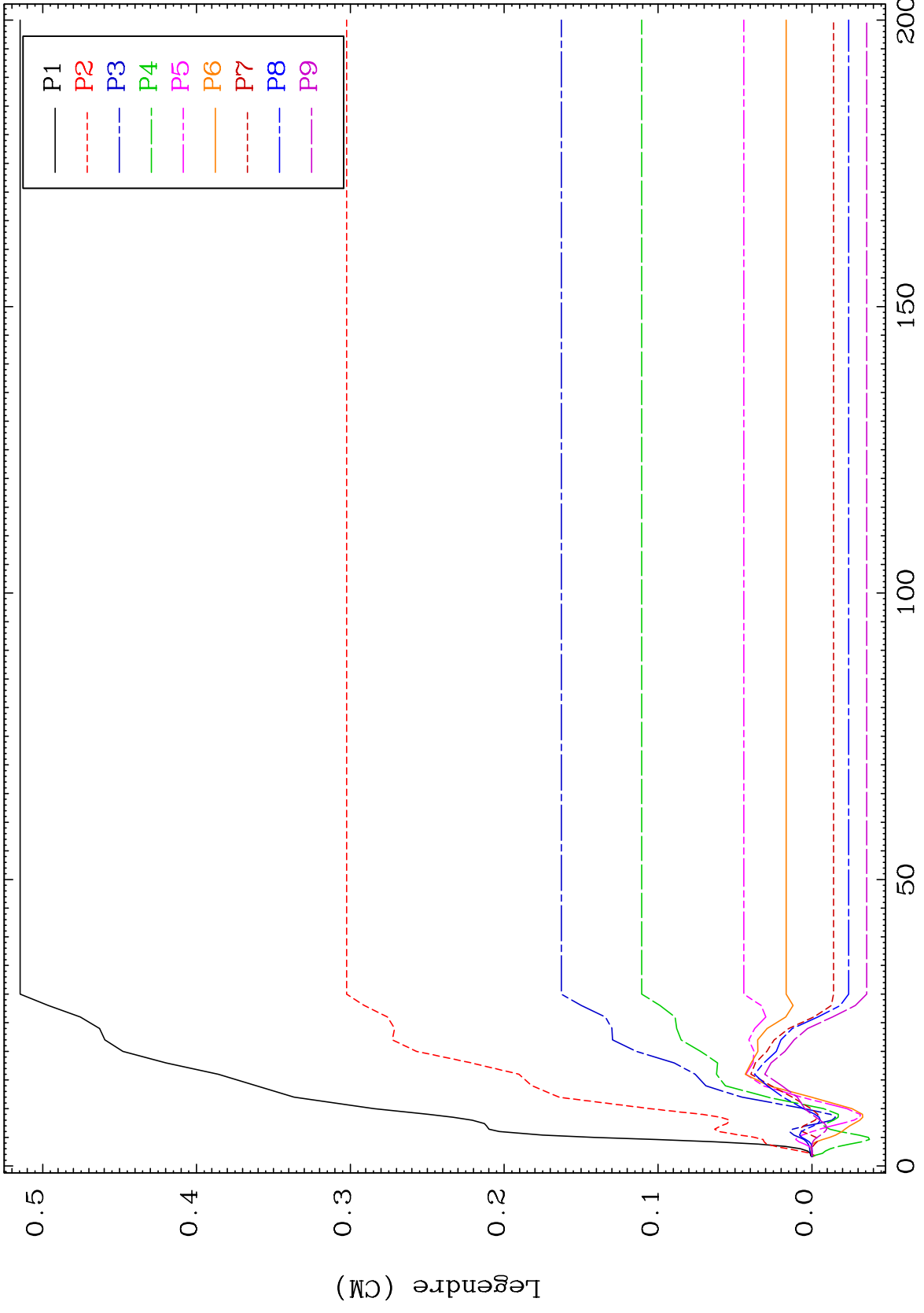


62-Sm-164

Incident Energy (MeV)

118

MAT 6285 MT= 79 (n,n') Level Legendre Coefficients 62-Sm-164

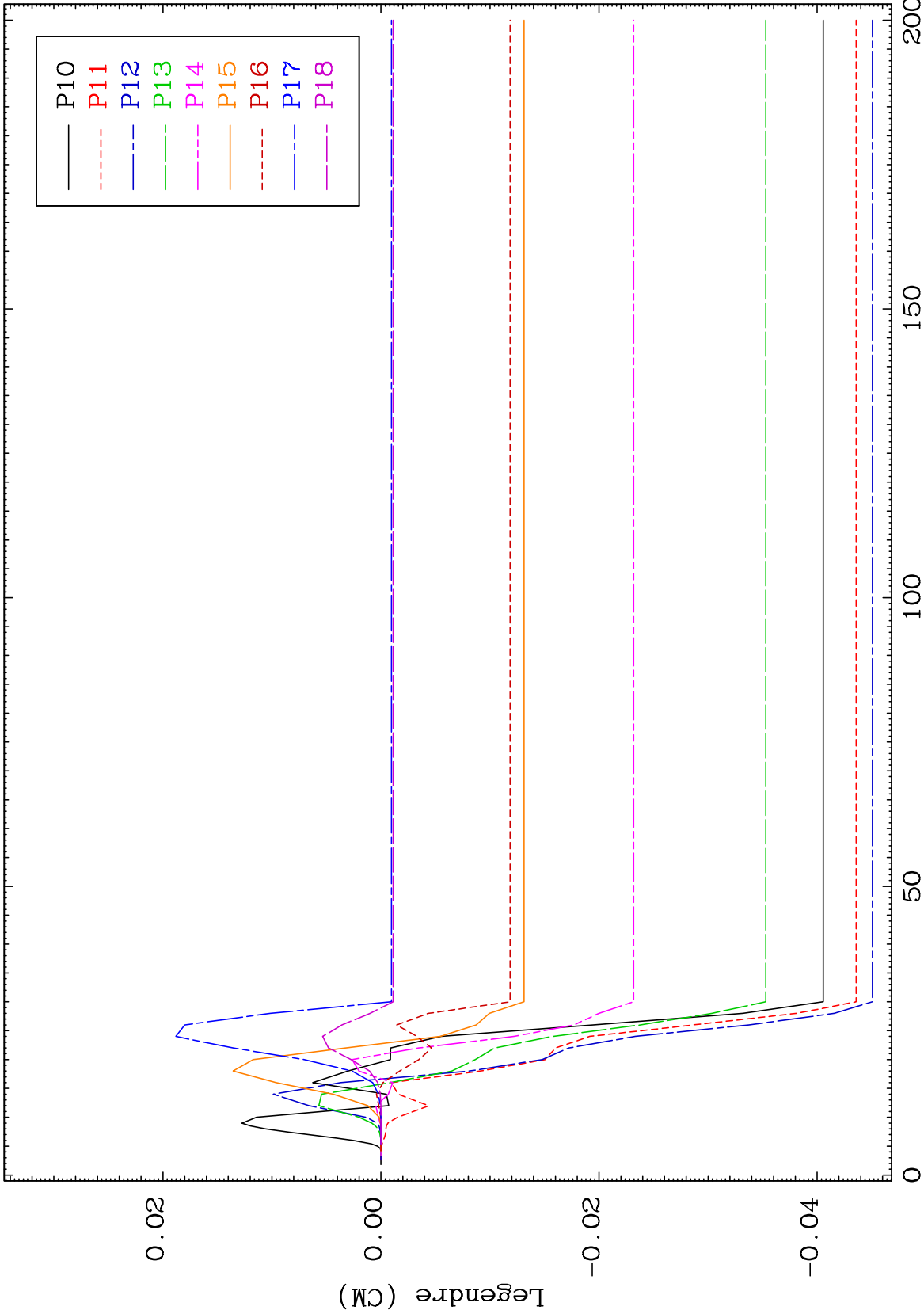


119 62-Sm-164

MAT 6285

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

62-Sm-164



120

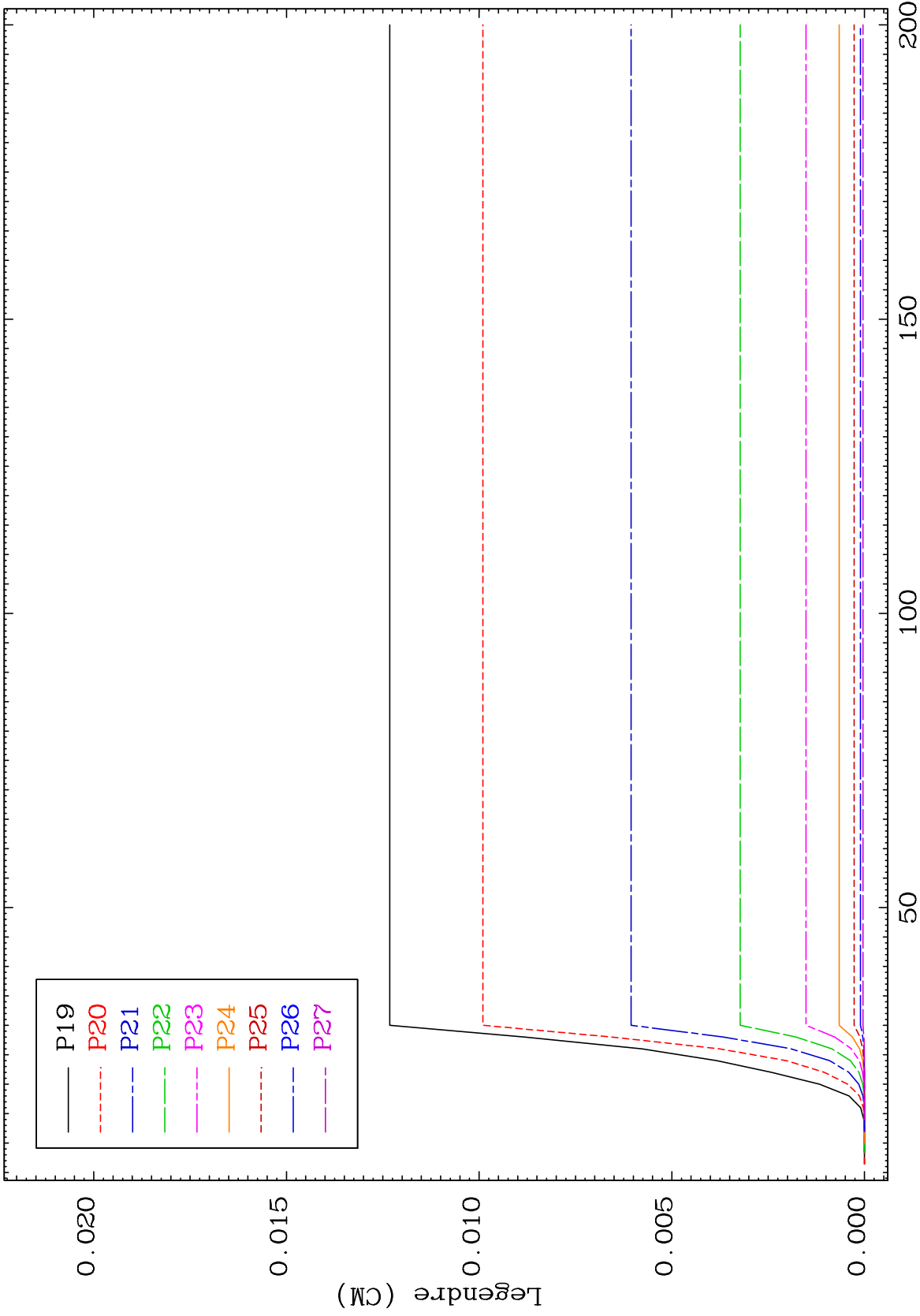
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



121

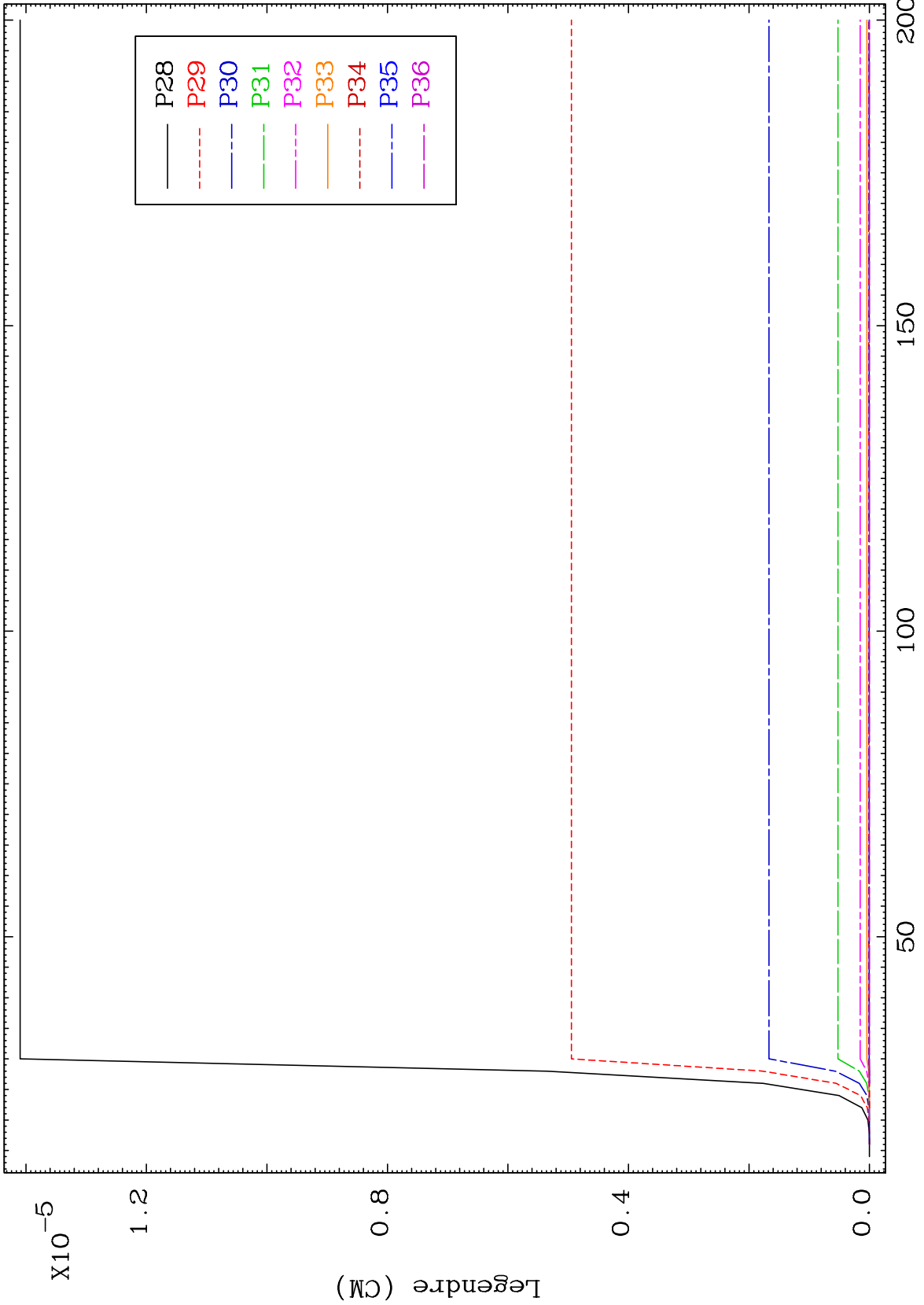
Incident Energy (MeV)

62-Sm-164

MAT 6285

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

62-Sm-164



122

Incident Energy (MeV)

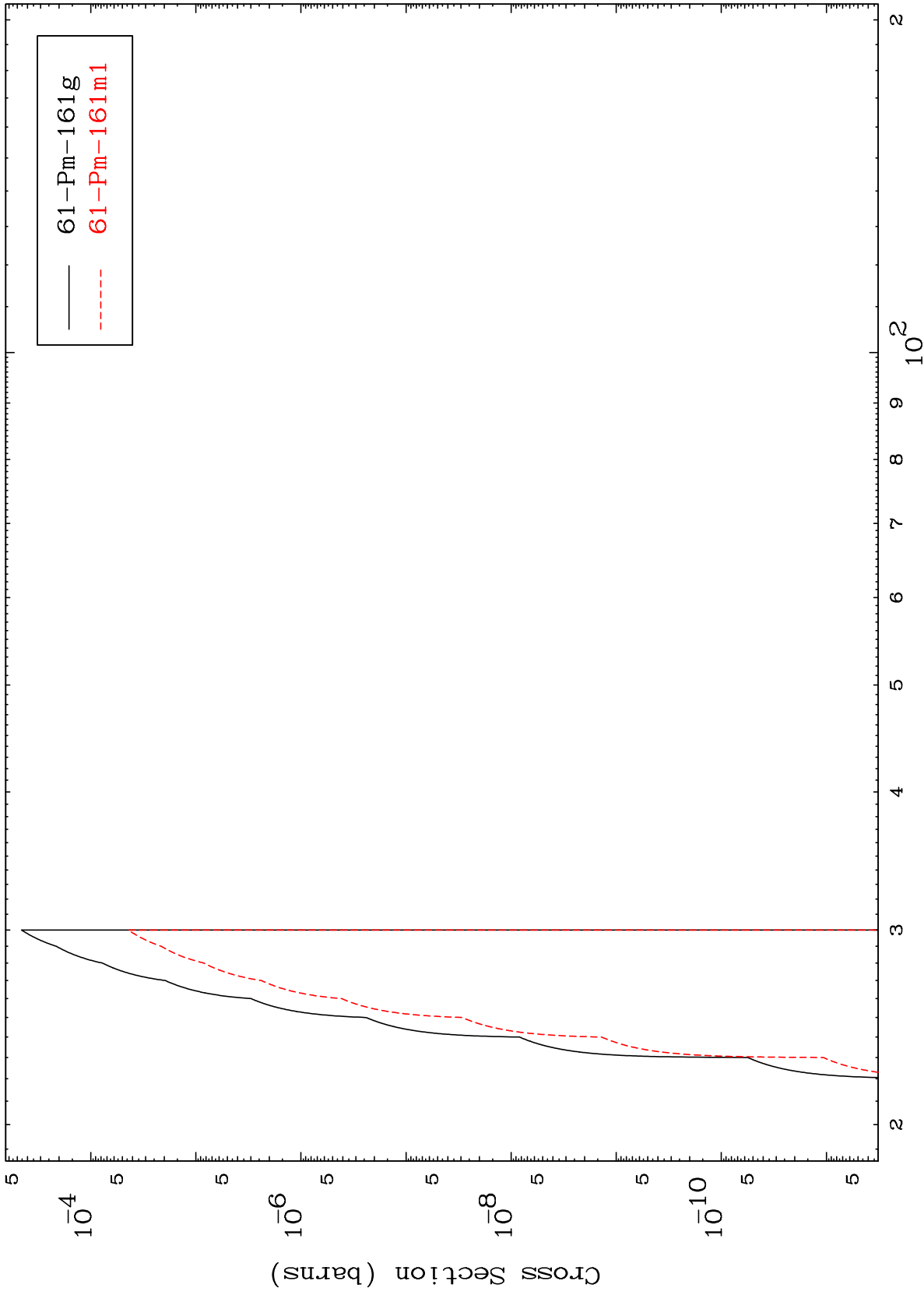
62-Sm-164

MAT 6285

(n,2n) d

62-Sm-164

Radionuclide Production Cross Section



123

Incident Energy (MeV)

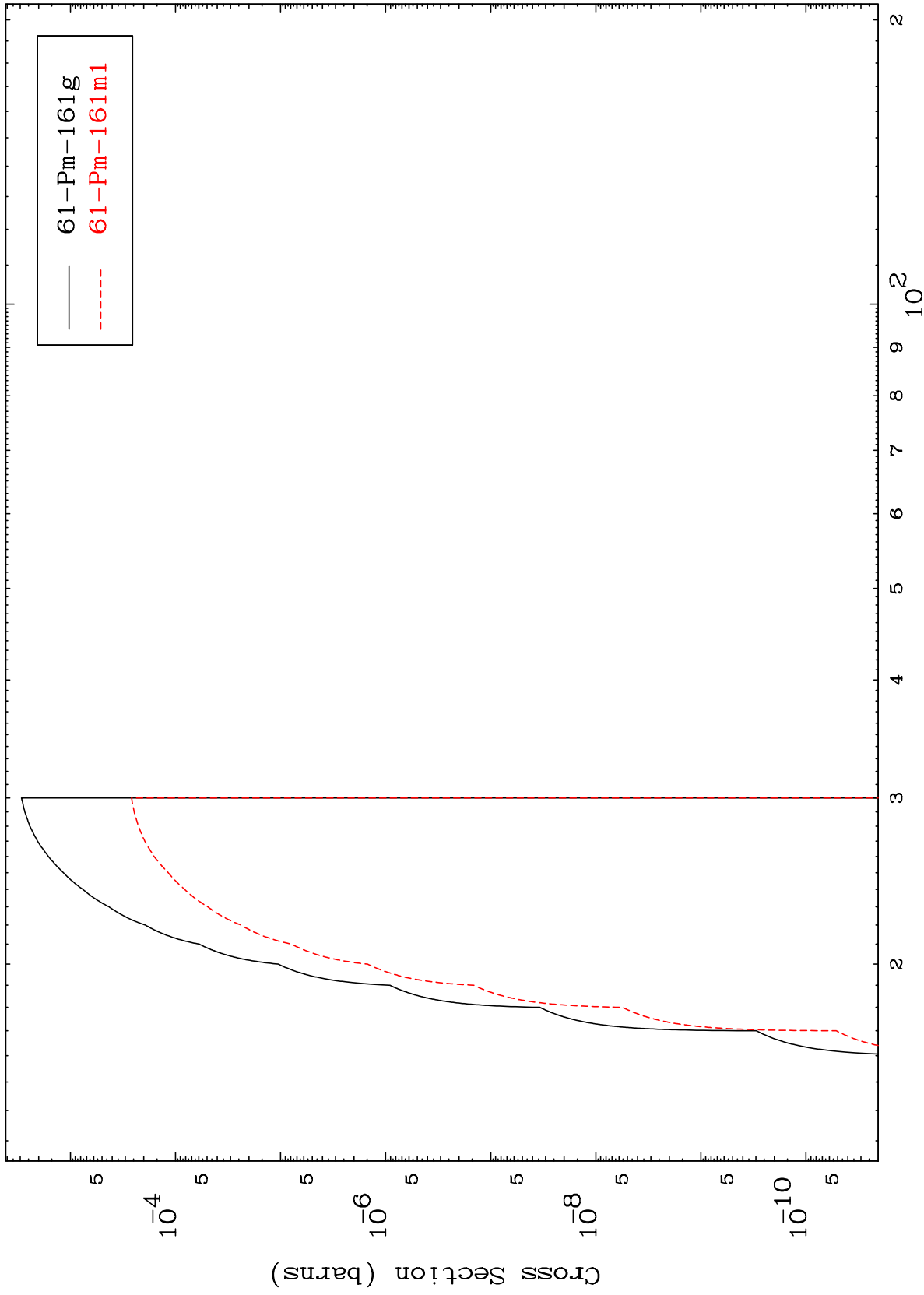
62-Sm-164

MAT 6285

(n,n') t

62-Sm-164

Radionuclide Production Cross Section



124

Incident Energy (MeV)

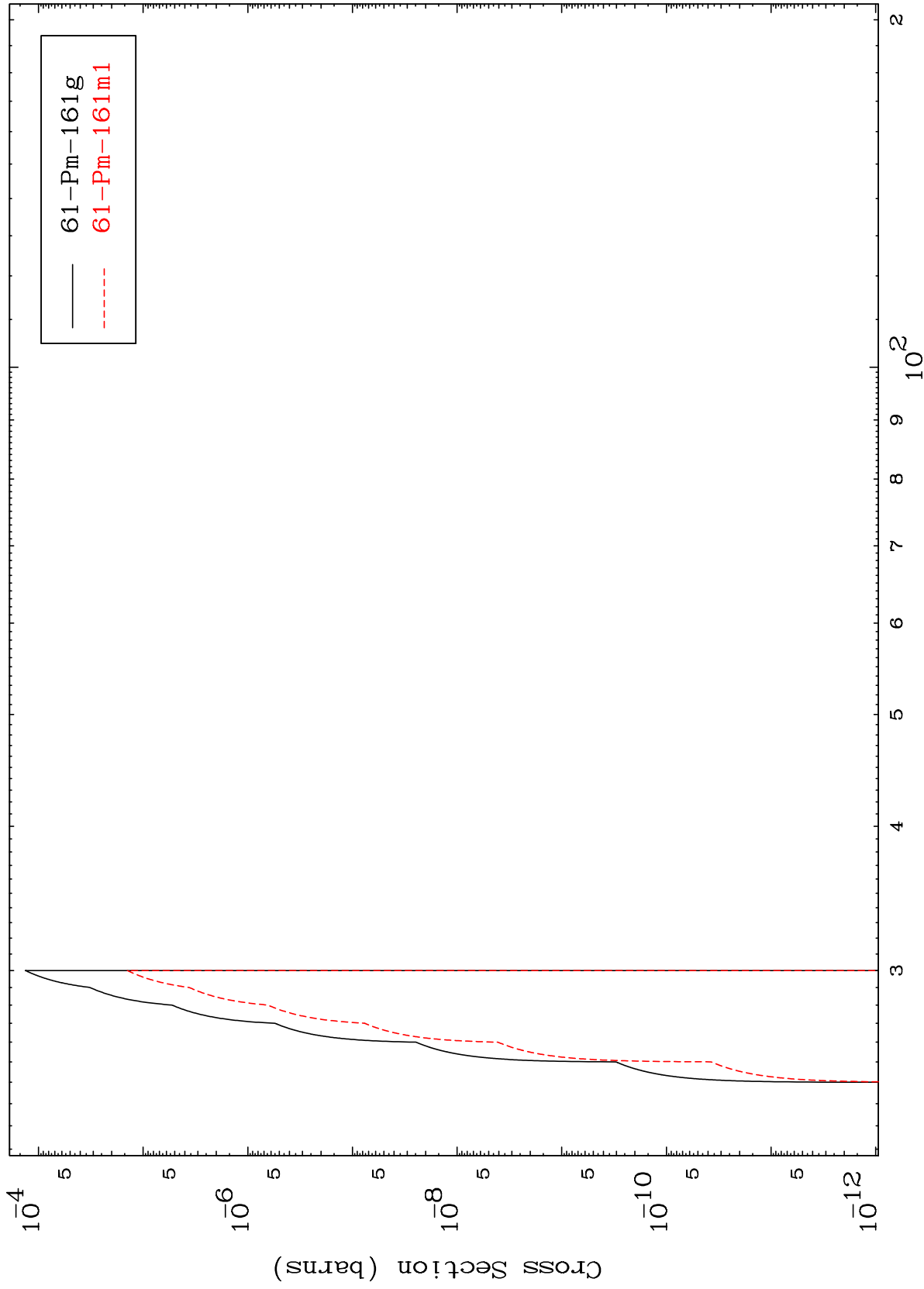
62-Sm-164

MAT 6285

(n,3n) p

62-Sm-164

Radionuclide Production Cross Section



125

Incident Energy (MeV)

62-Sm-164