

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

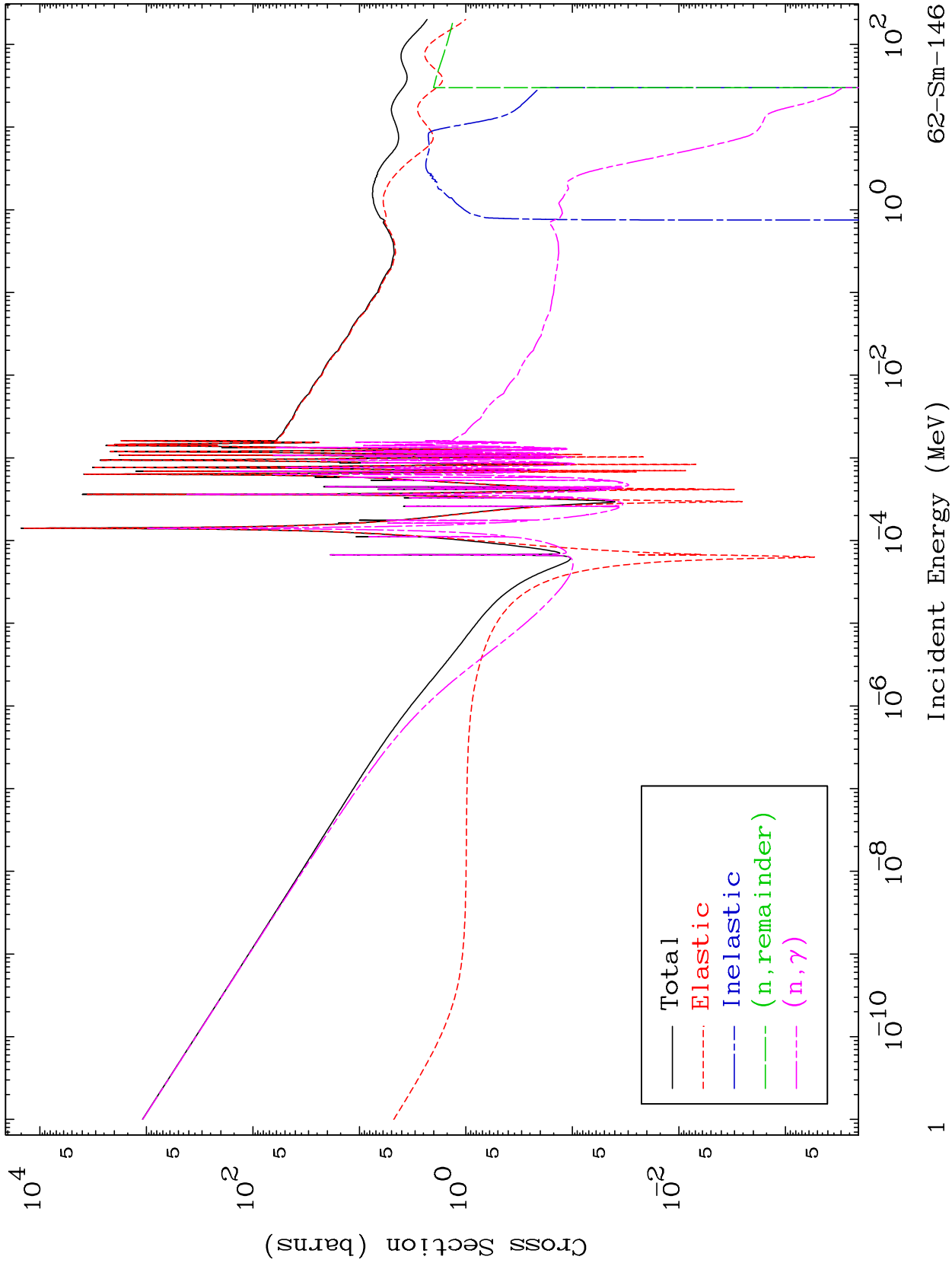
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6231

Major
293 Kelvin Cross Sections

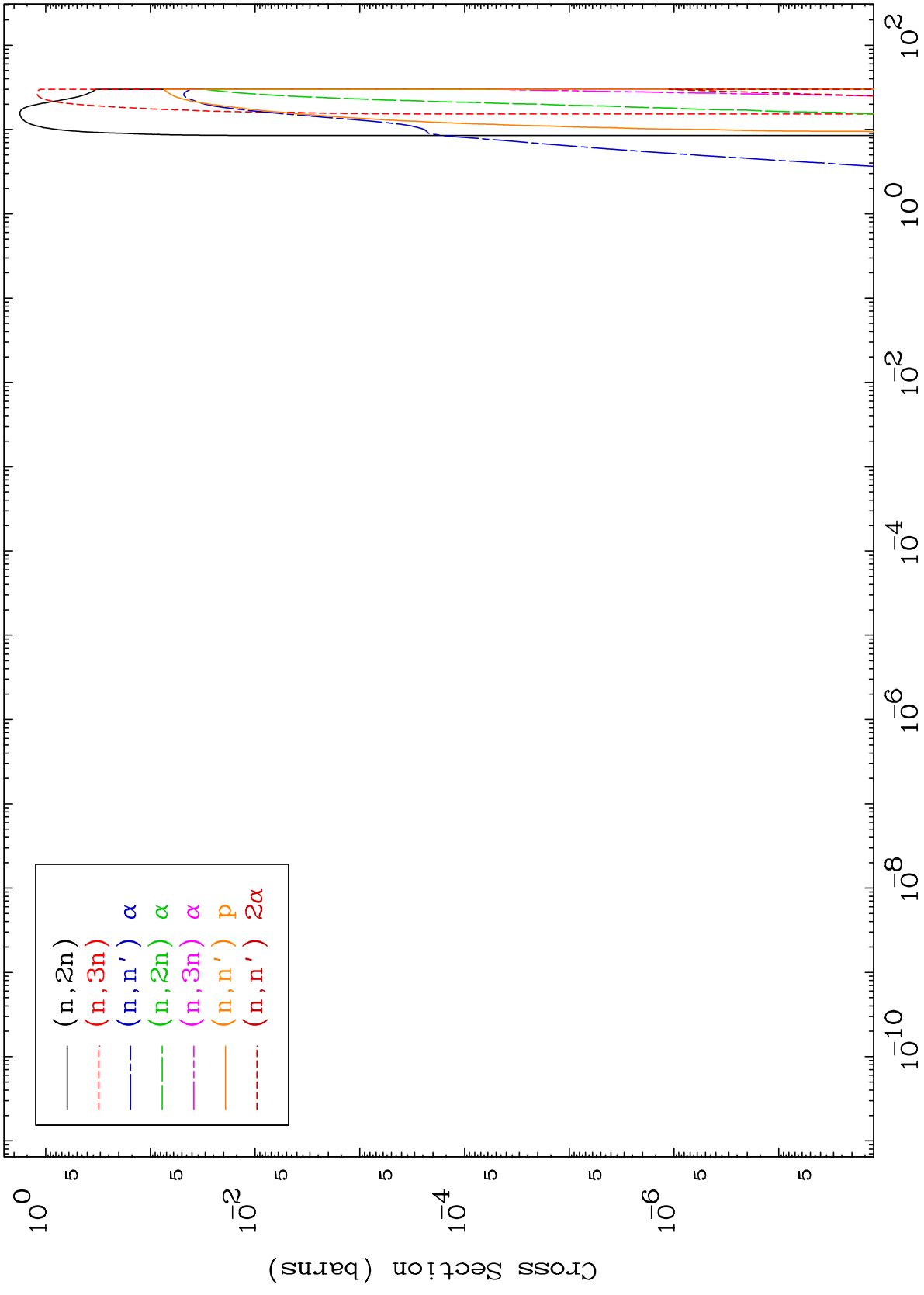
62-Sm-146



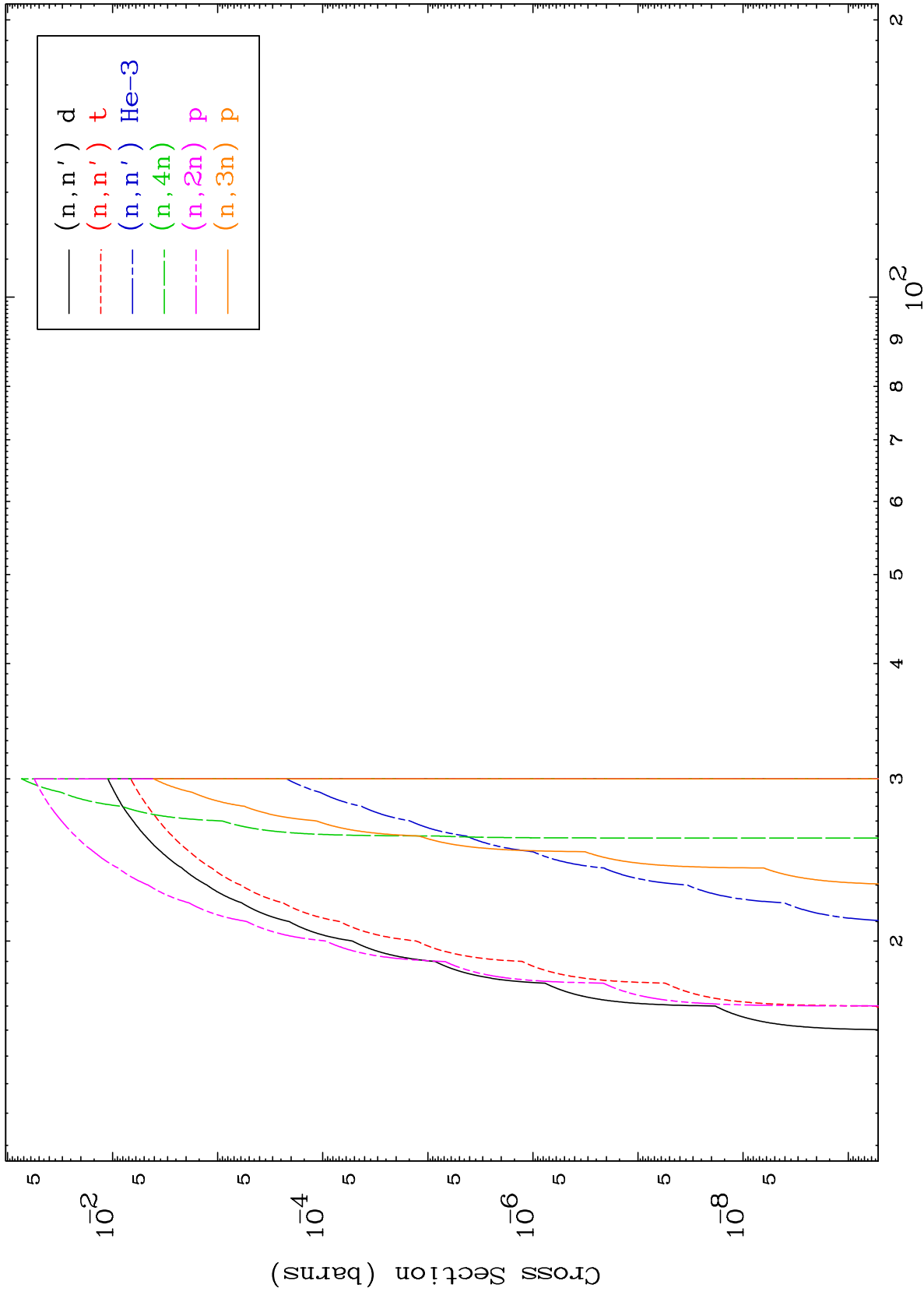
MAT 6231

Neutron Production
293 Kelvin Cross Sections

62-Sm-146



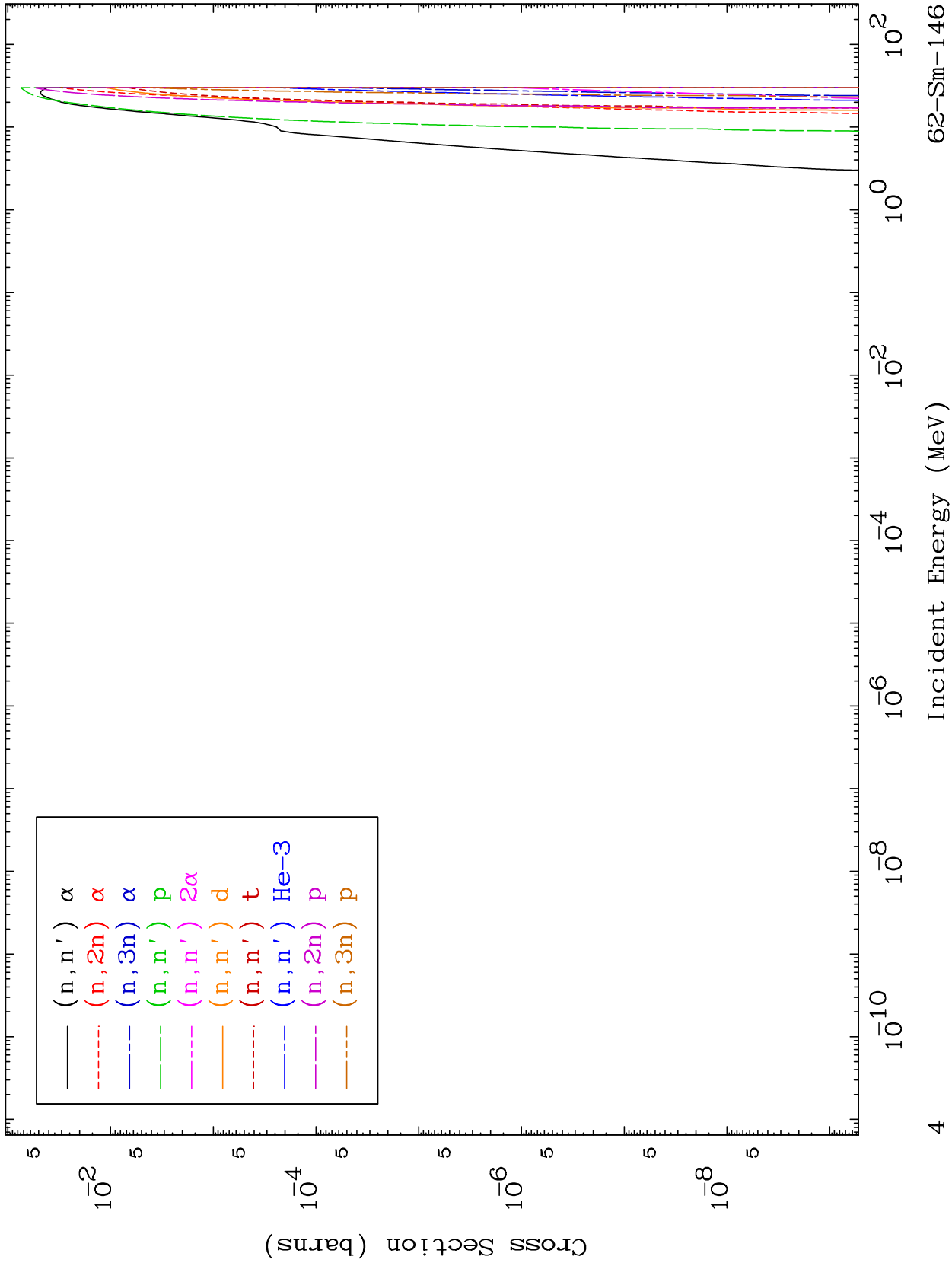
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MAT 6231

Charged Particle
293 Kelvin Cross Sections

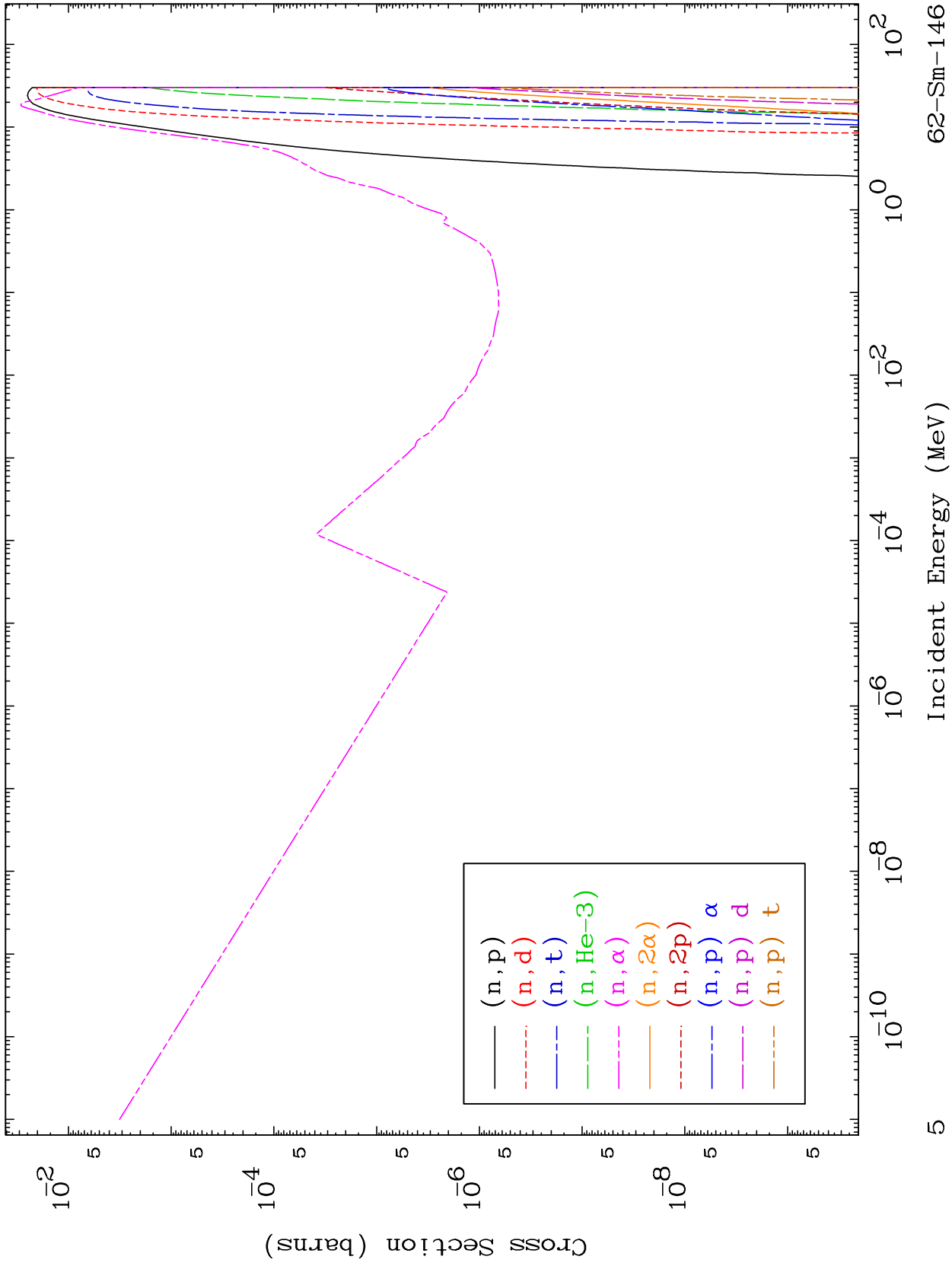
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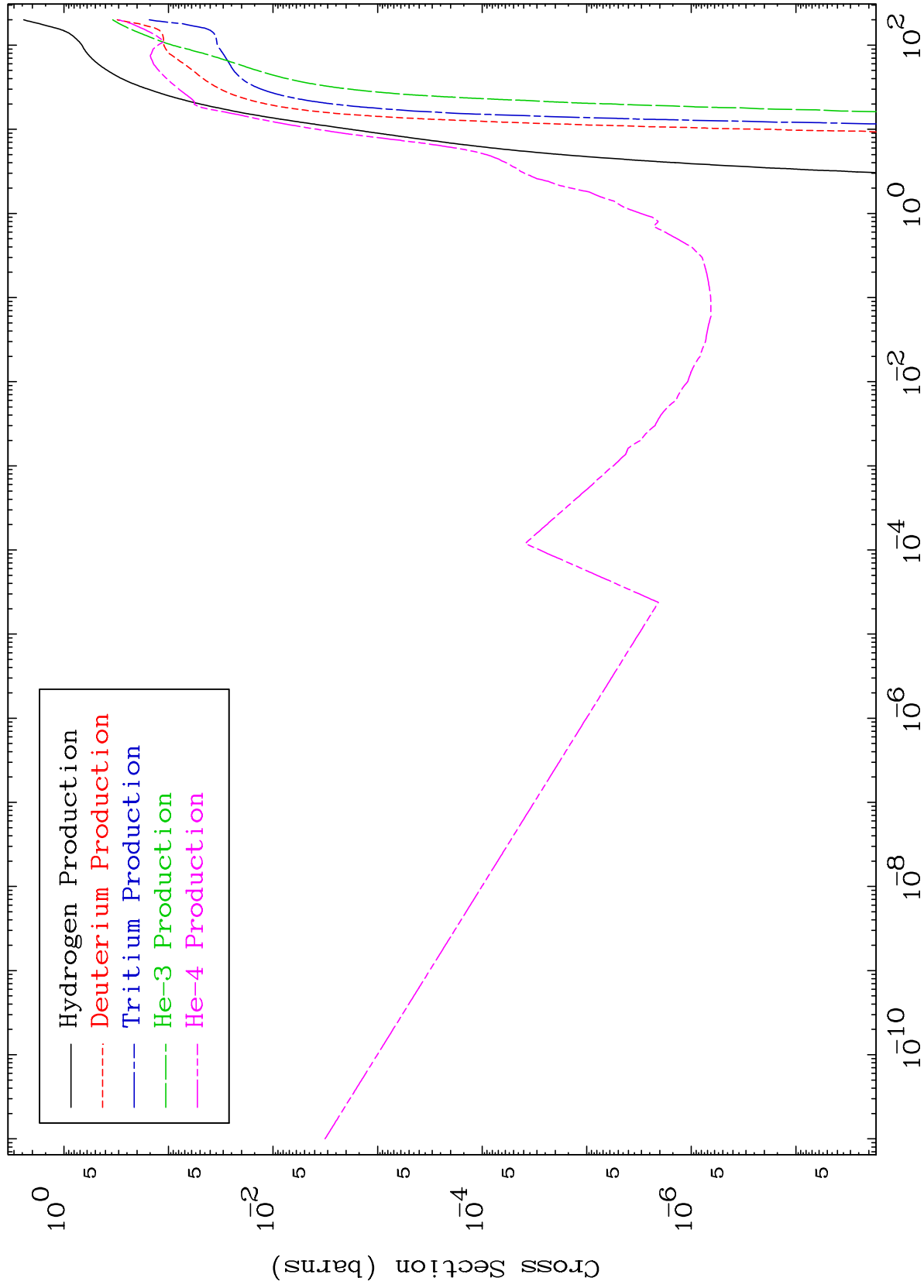


MAT 6231

Charged Particle
293 Kelvin Cross Sections

62-Sm-146

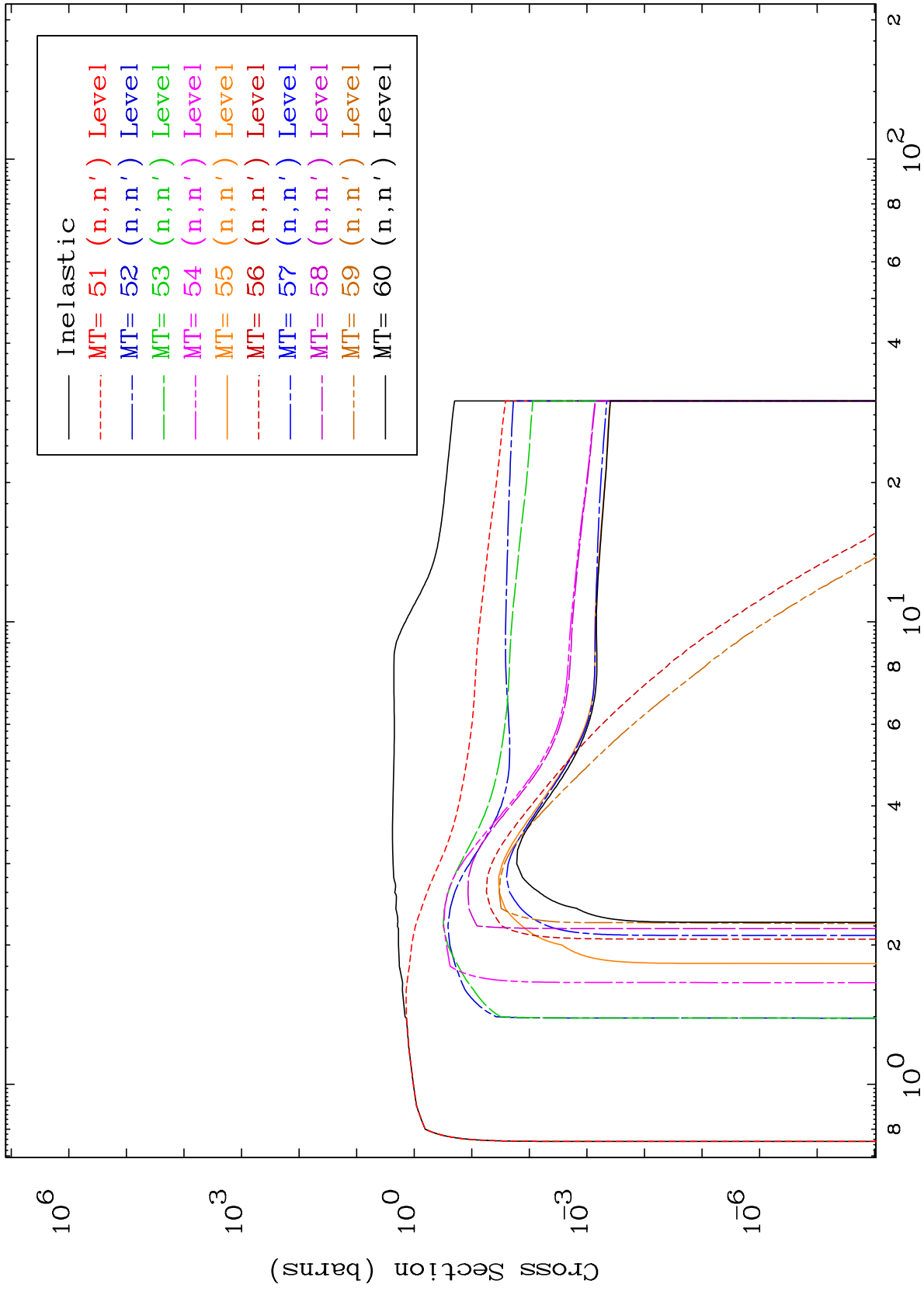




MAT 6231

(n,n') Level
293 Kelvin Cross Sections

62-Sm-146



7

Incident Energy (MeV)

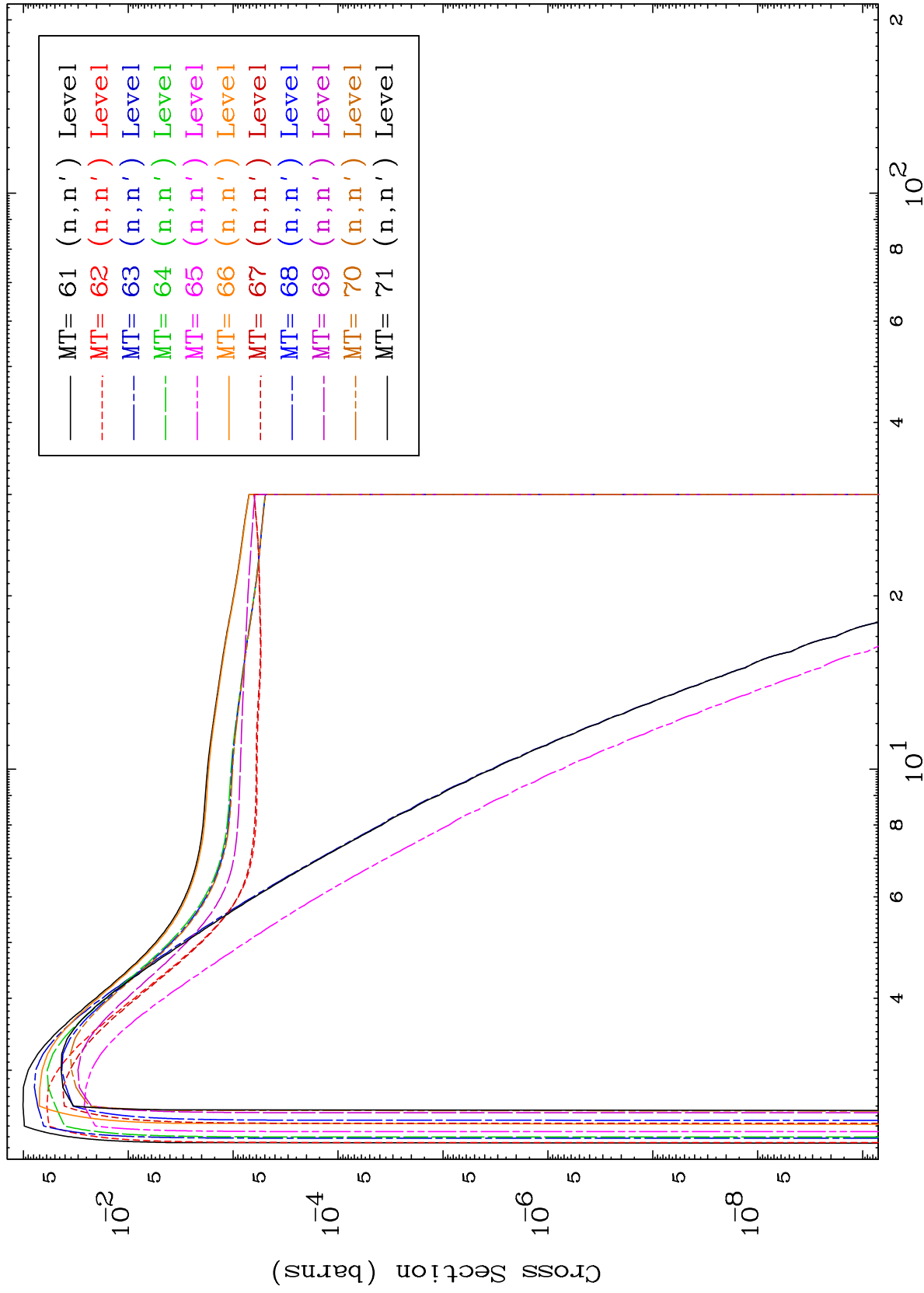
62-Sm-146

MAT 6231

(n,n') Level

62-Sm-146

293 Kelvin Cross Sections



8

Incident Energy (MeV)

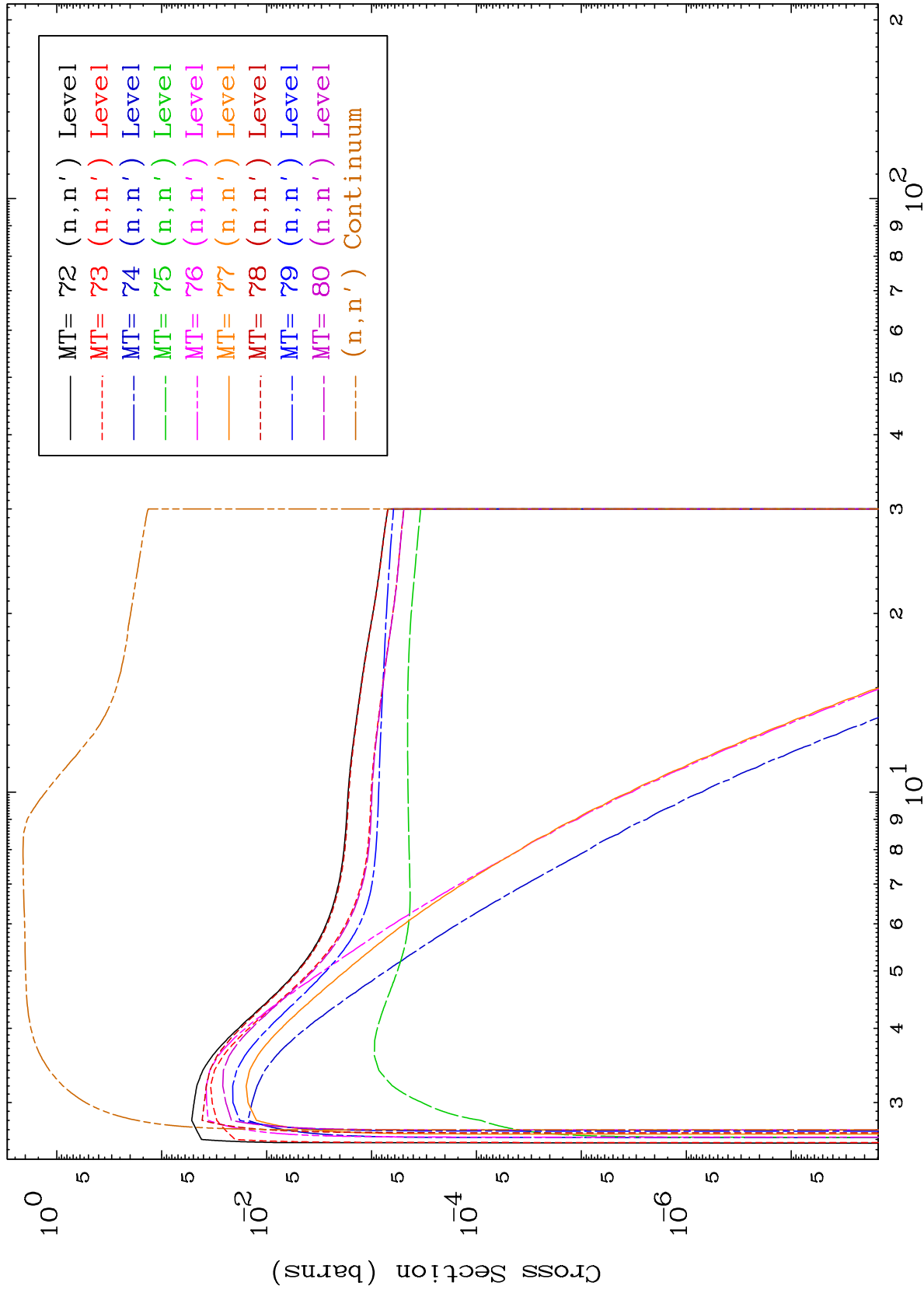
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MAT 6231

(n,n') Level

62-Sm-146

293 Kelvin Cross Sections



9

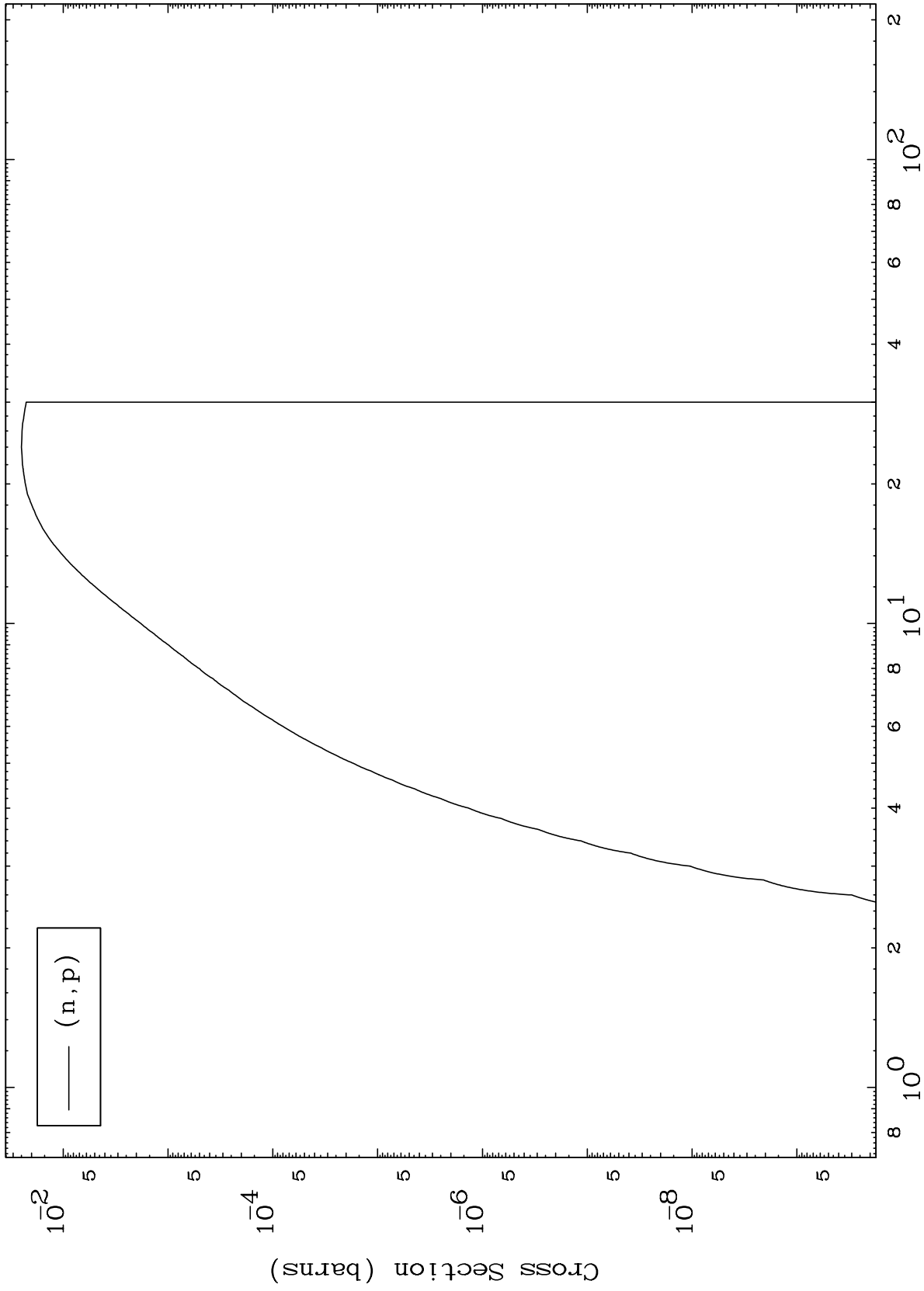
Incident Energy (MeV)

62-Sm-146

MAT 6231

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-146



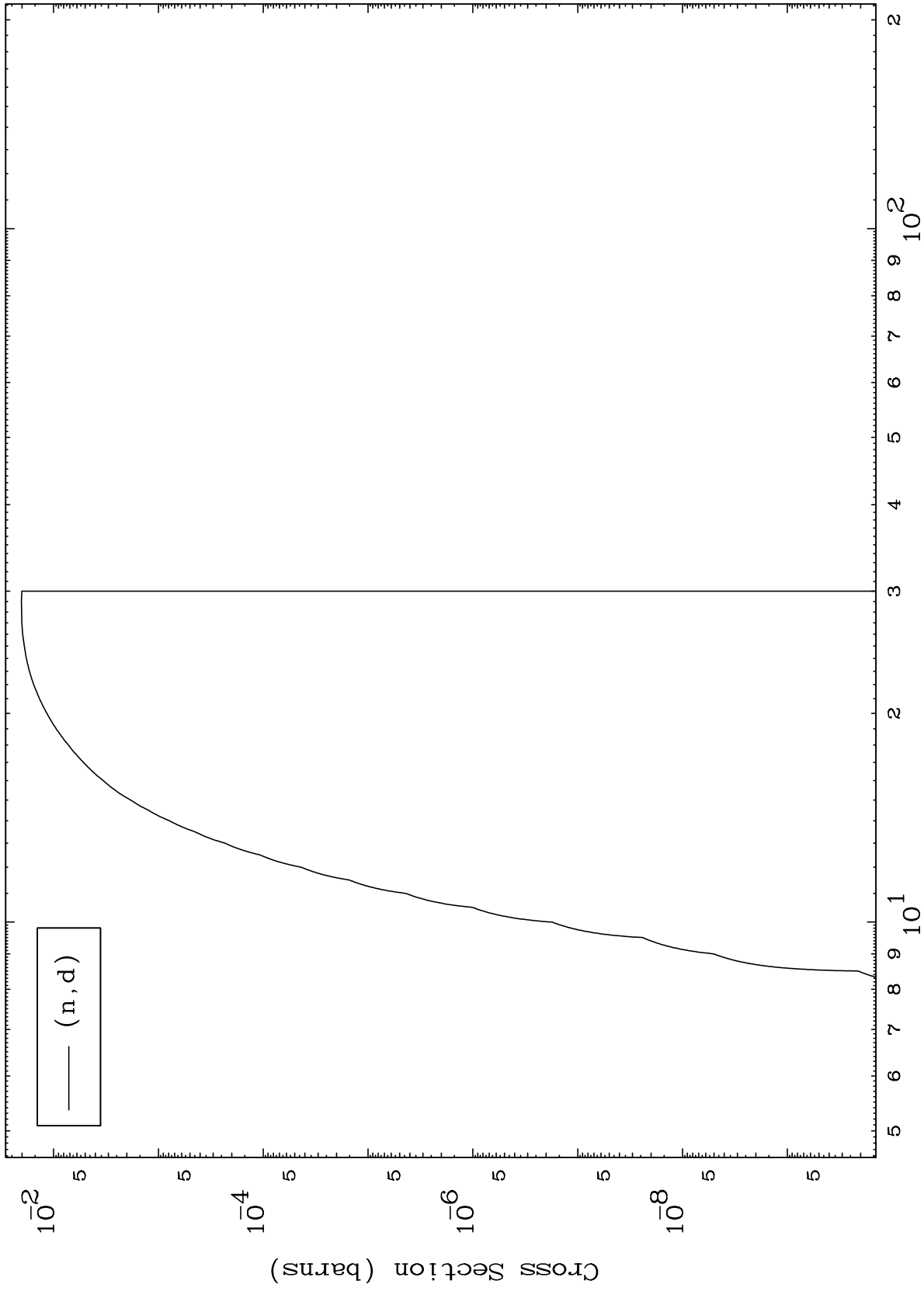
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62-Sm-146

MAT 6231

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-146



11

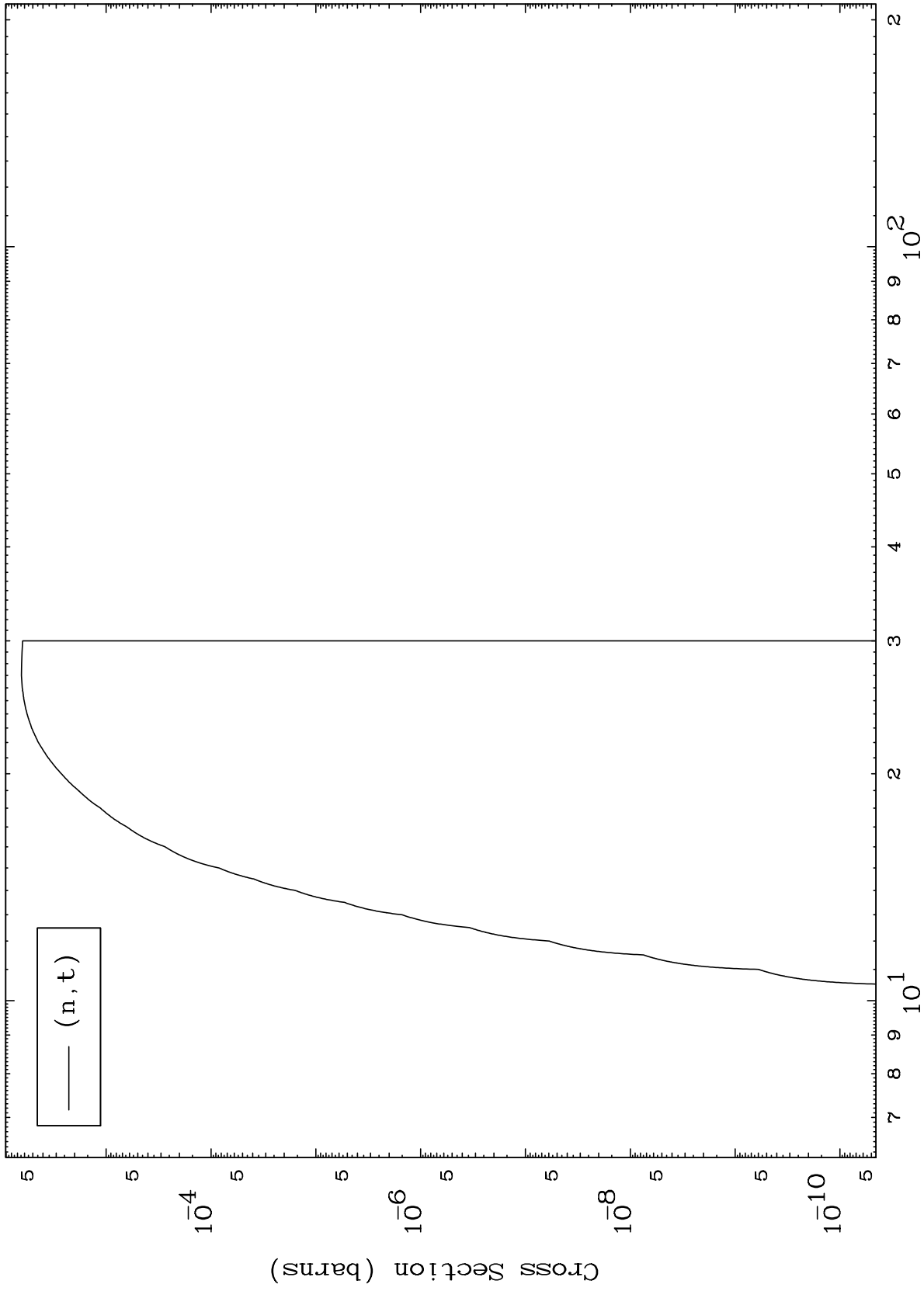
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62-Sm-146

MAT 6231

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-146



12

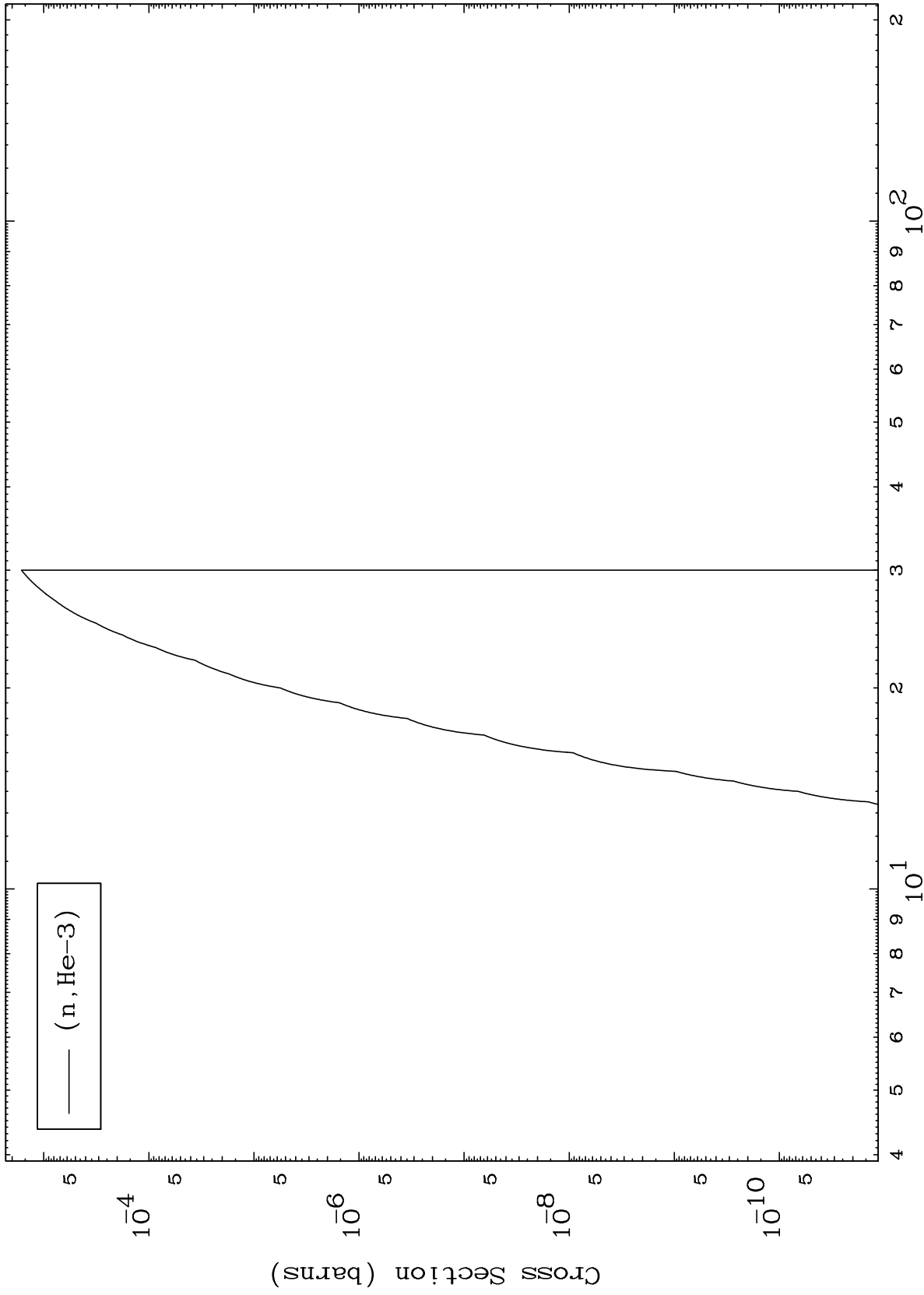
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62-Sm-146

MAT 6231

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-146



13

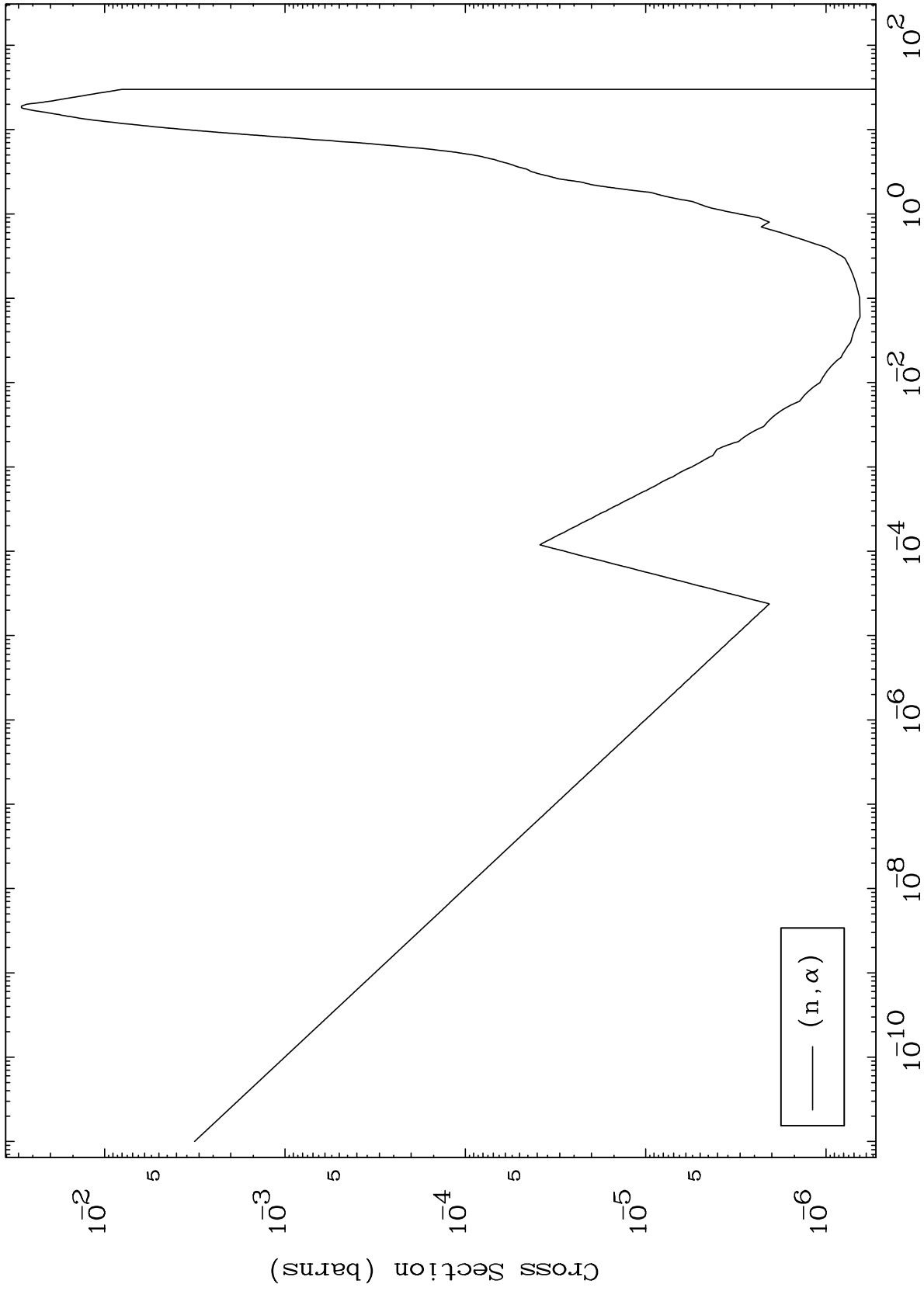
Incident Energy (MeV)

62-Sm-146

MAT 6231

(n,α) Levels
293 Kelvin Cross Sections

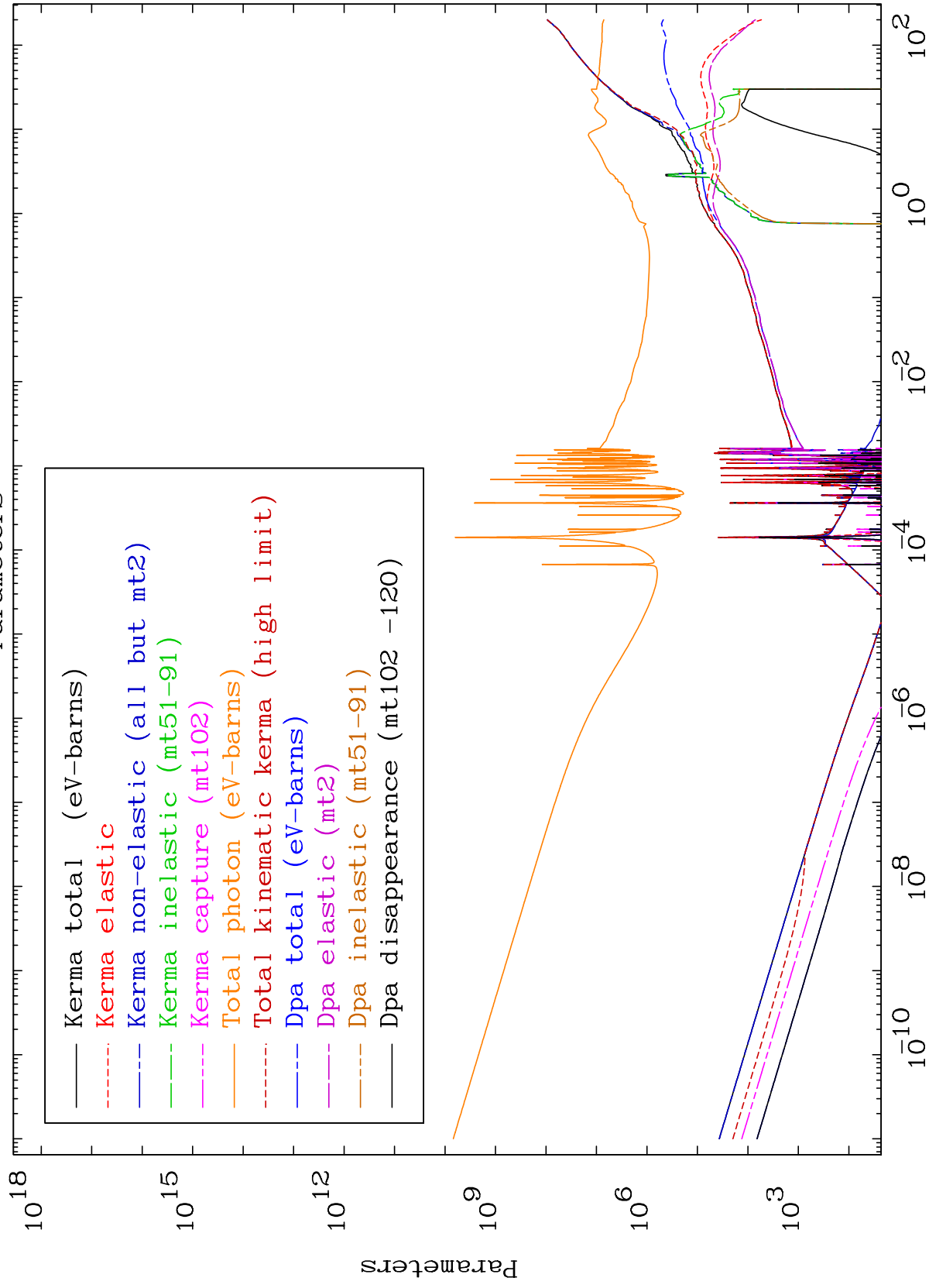
62-Sm-146



14

Incident Energy (MeV)

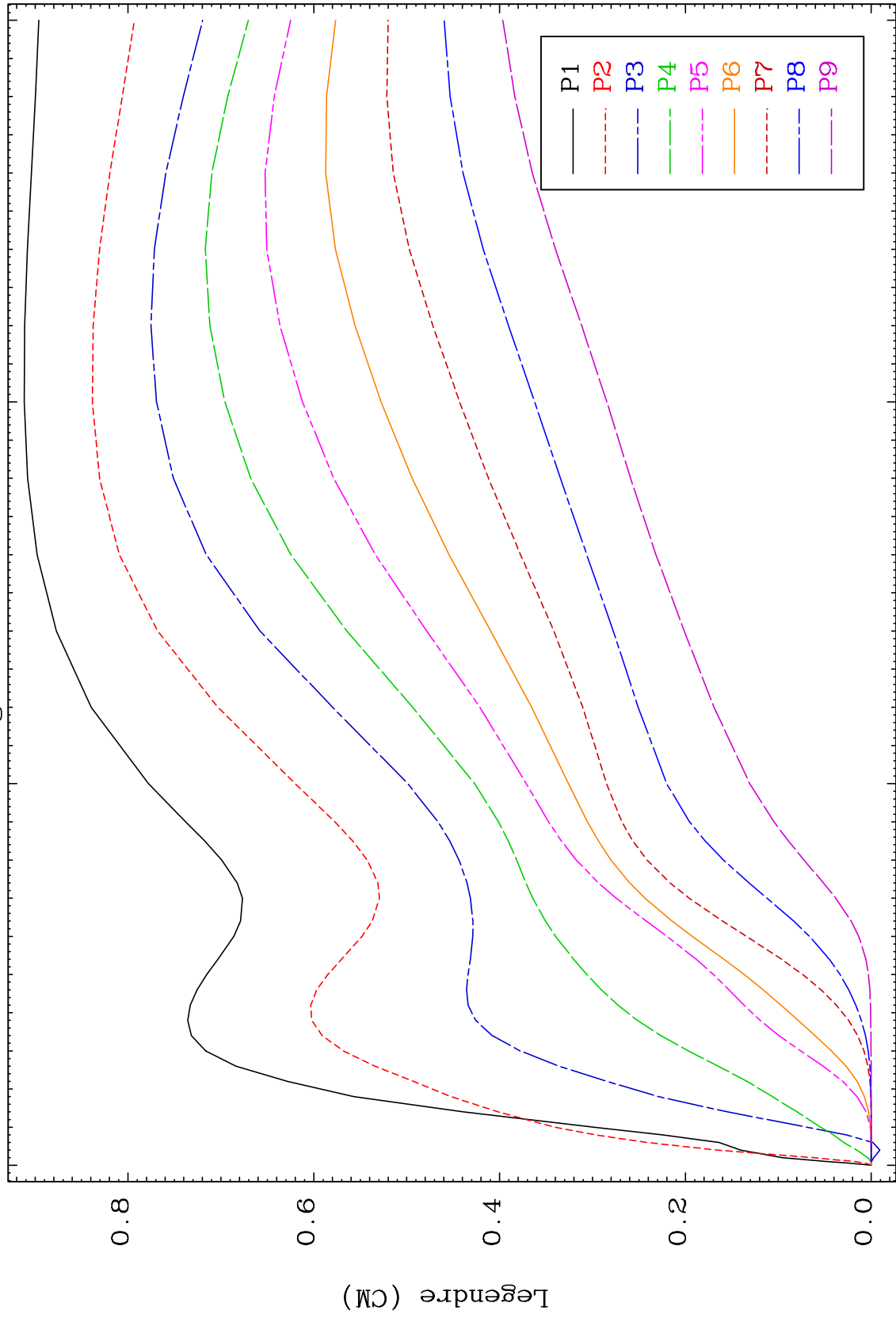
62-Sm-146



MAT 6231

Elastic Legendre Coefficients

62-Sm-146



16

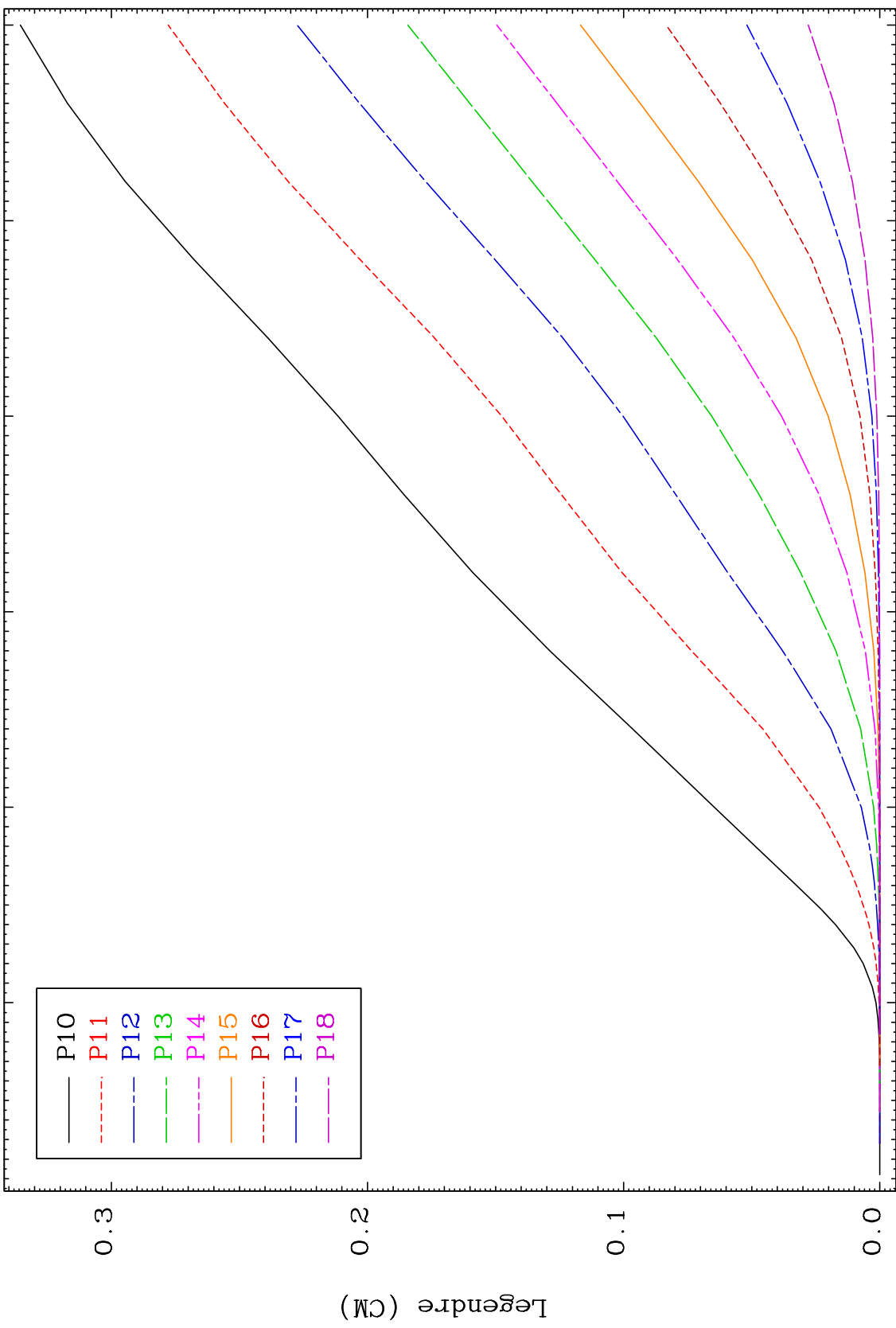
Incident Energy (MeV)

62-Sm-146

MAT 6231

Elastic Legendre Coefficients

62-Sm-146



17

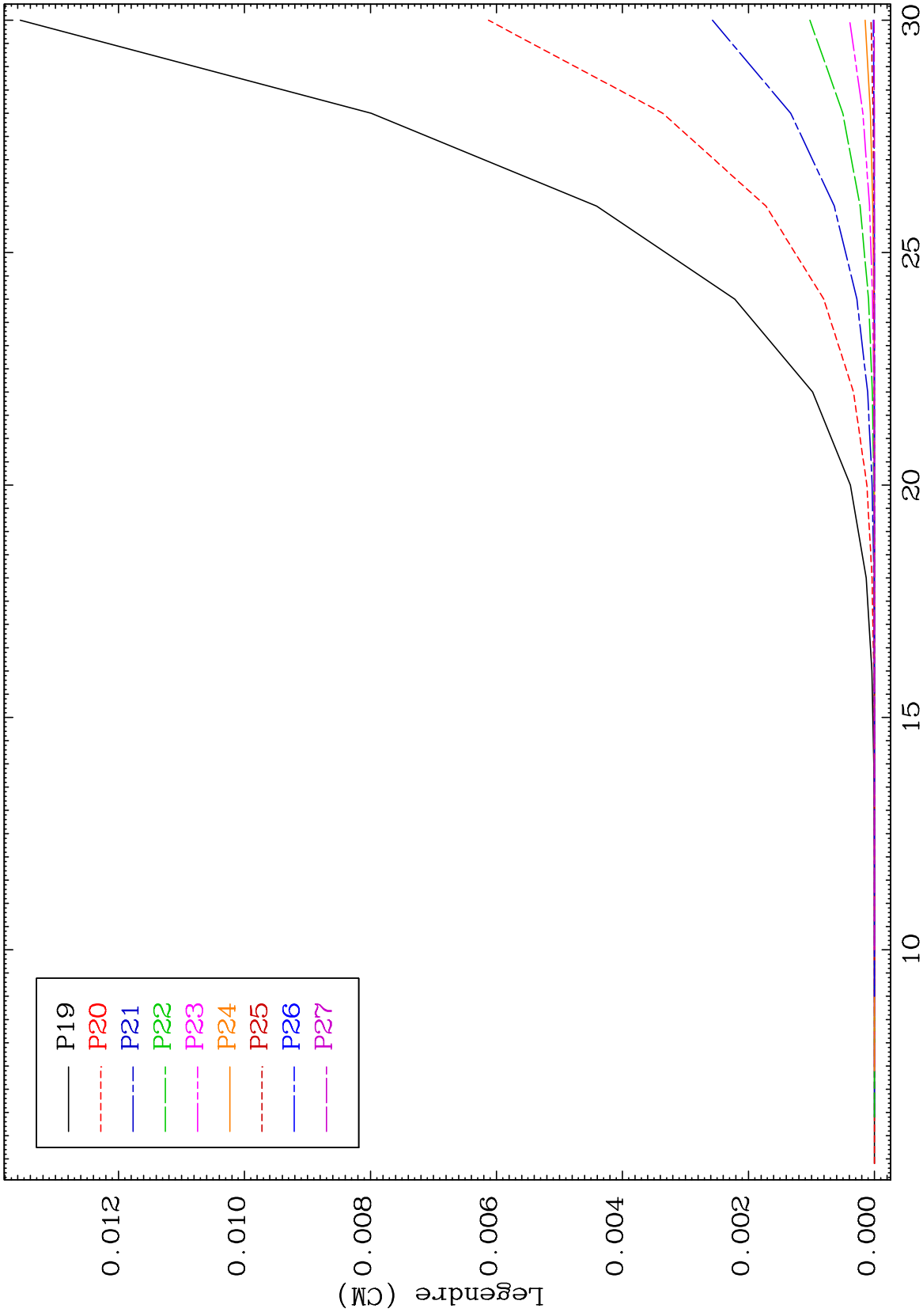
Incident Energy (MeV)

62-Sm-146

MAT 6231

Elastic Legendre Coefficients

62-Sm-146



18

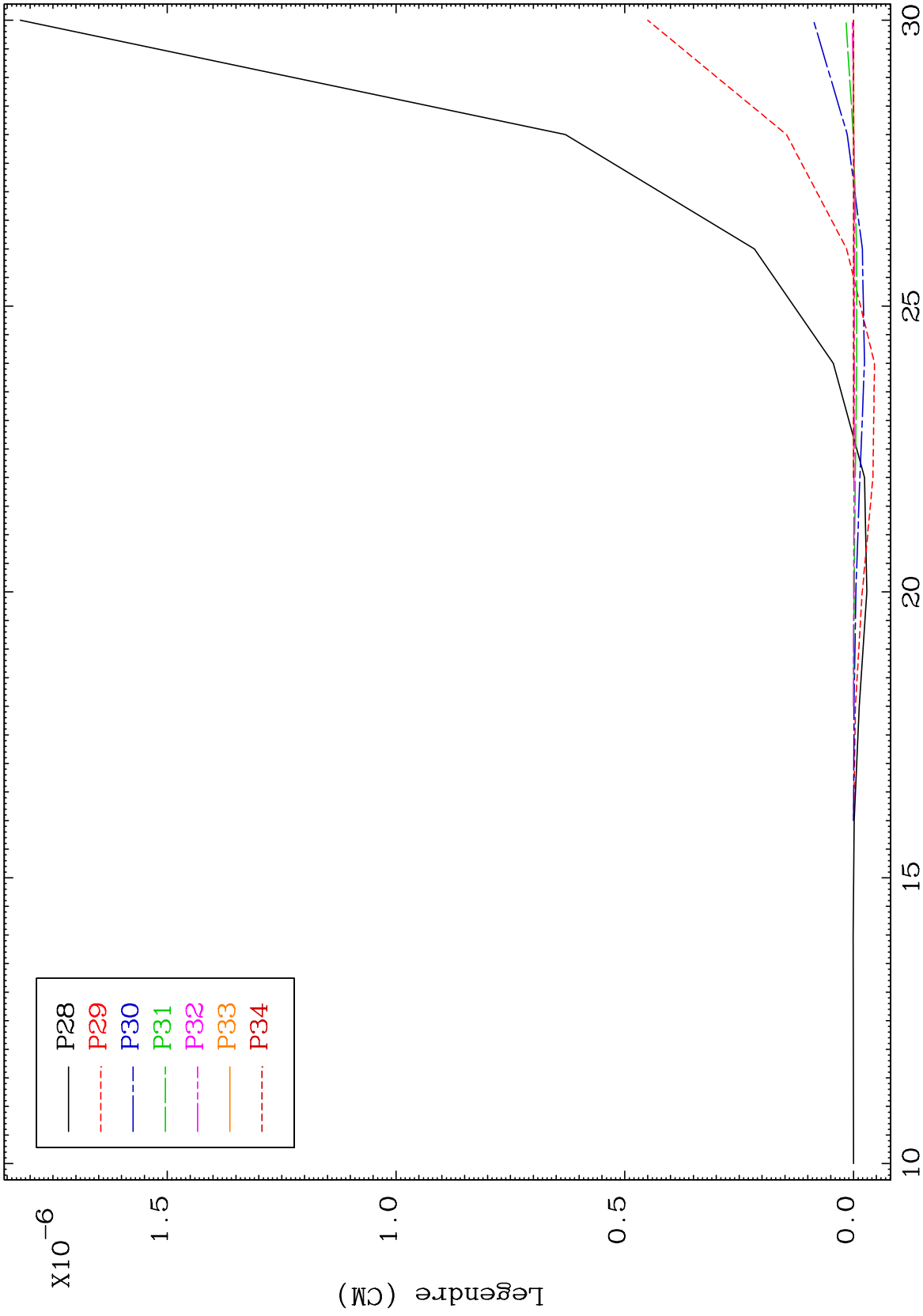
Incident Energy (MeV)

62-Sm-146

MAT 6231

Elastic Legendre Coefficients

62-Sm-146



19

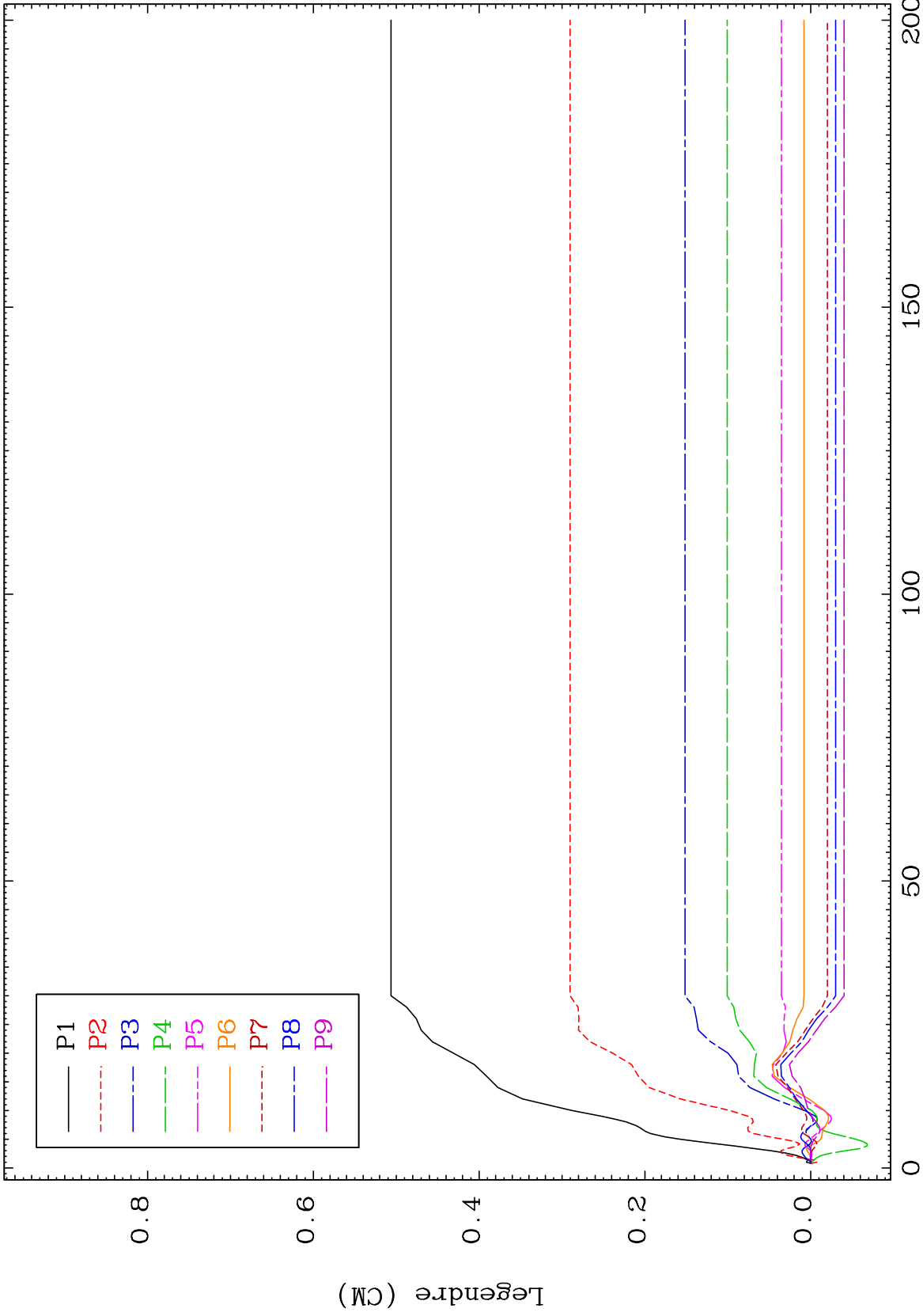
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



0

50

100

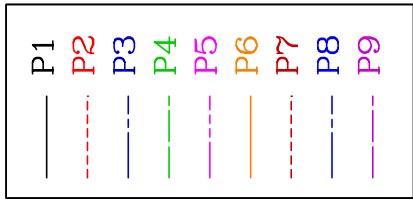
150

200

62-Sm-146

Legendre (CM)

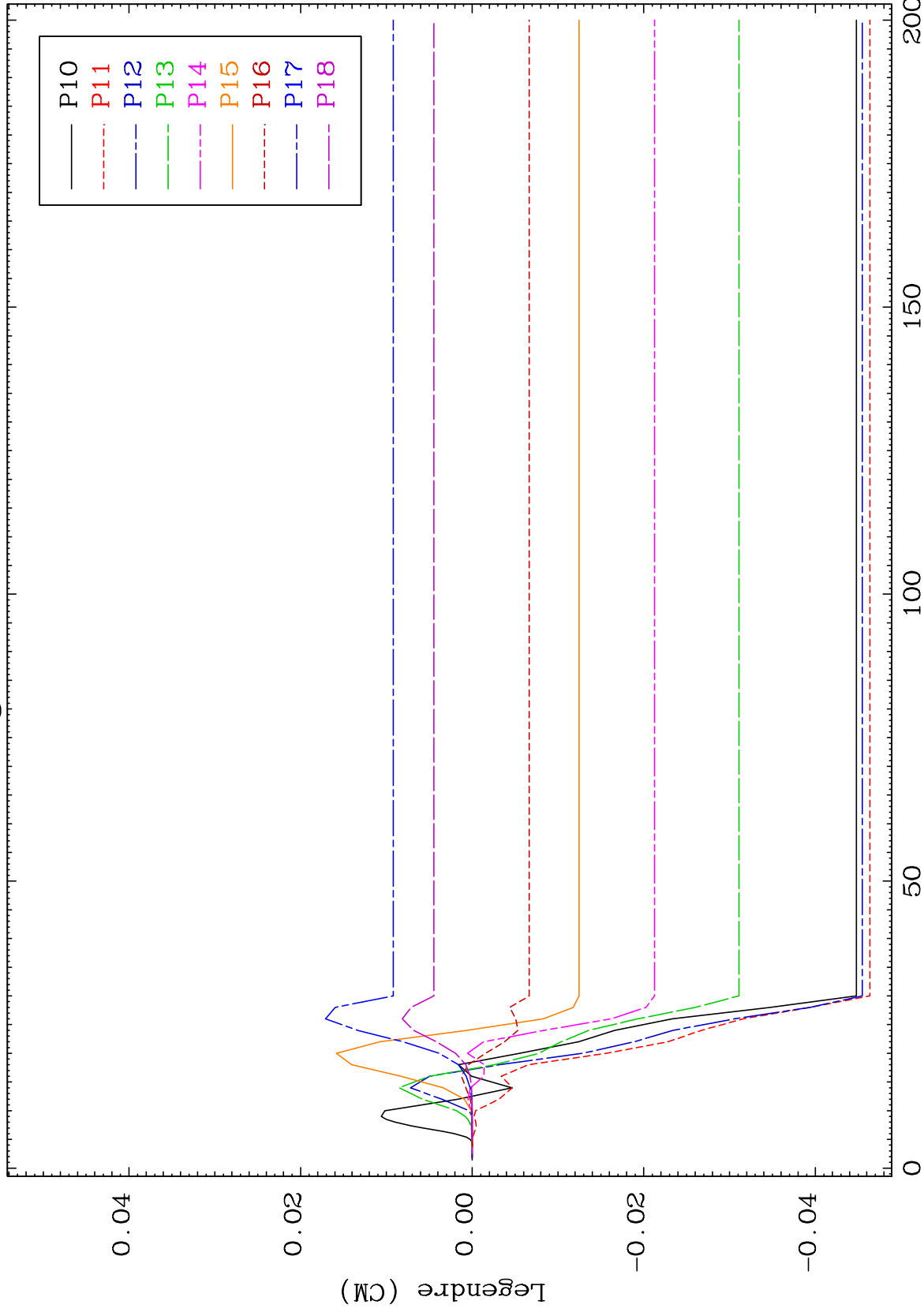
Incident Energy (MeV)



MAT 6231

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

62-Sm-146



21

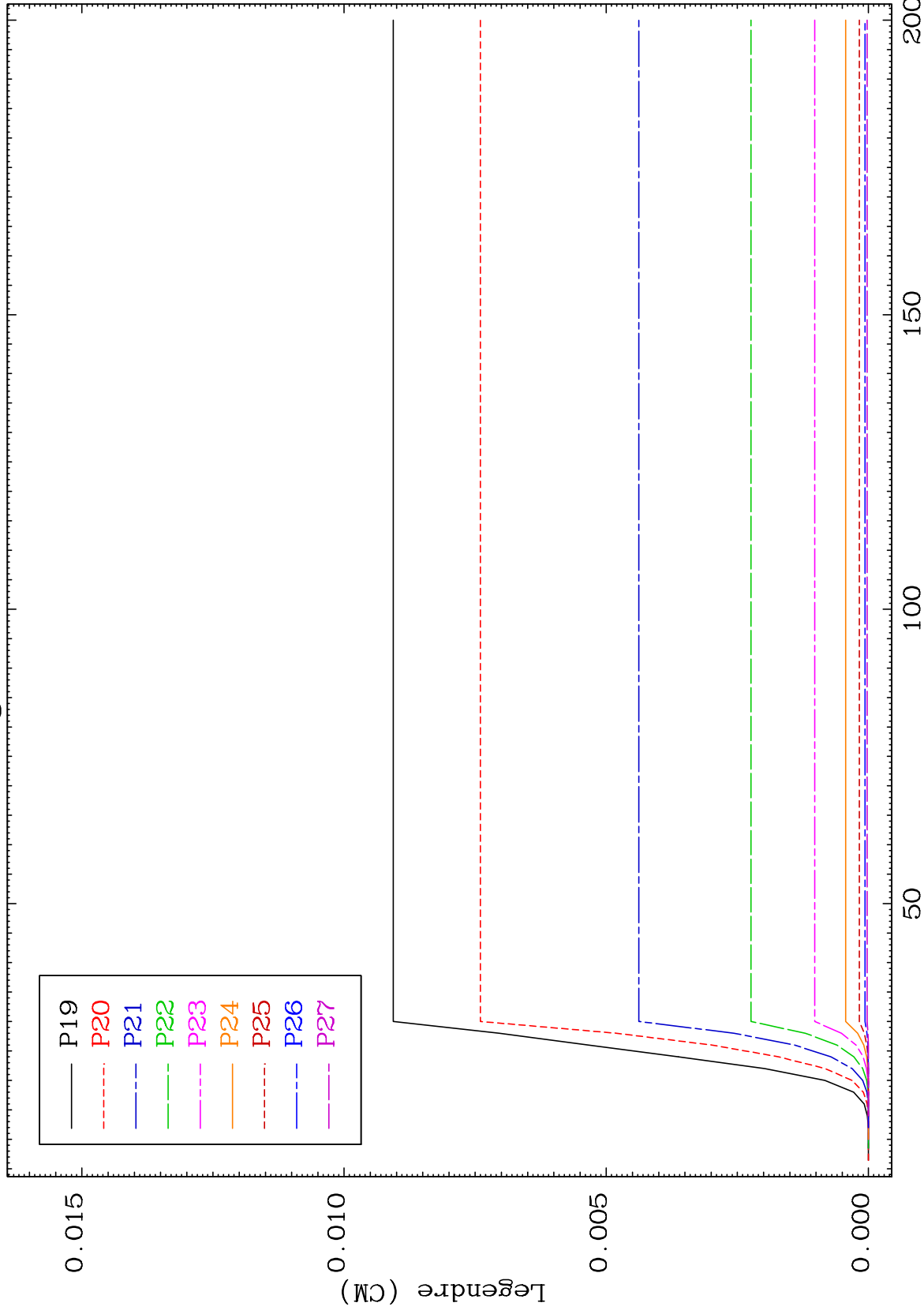
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



22

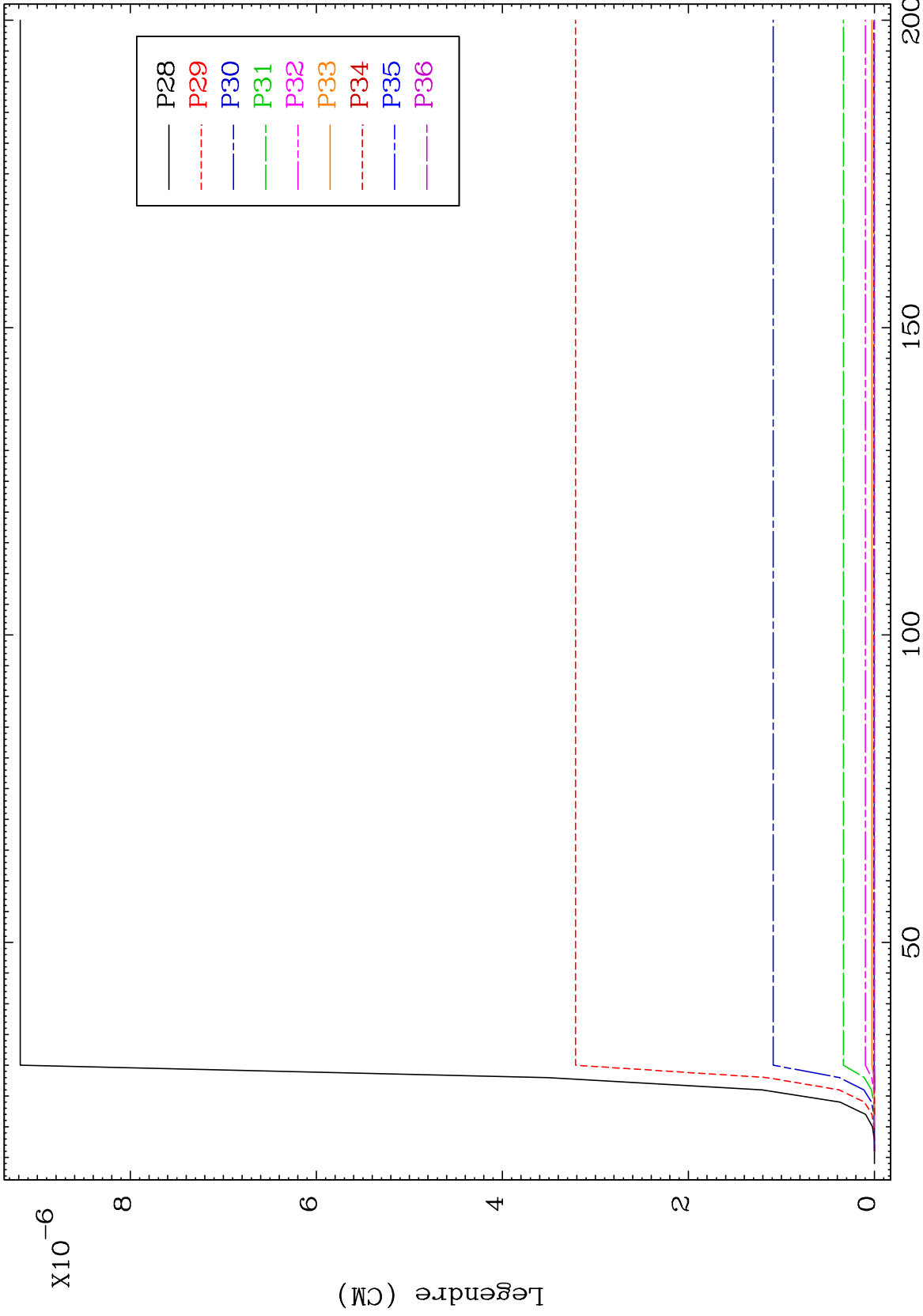
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



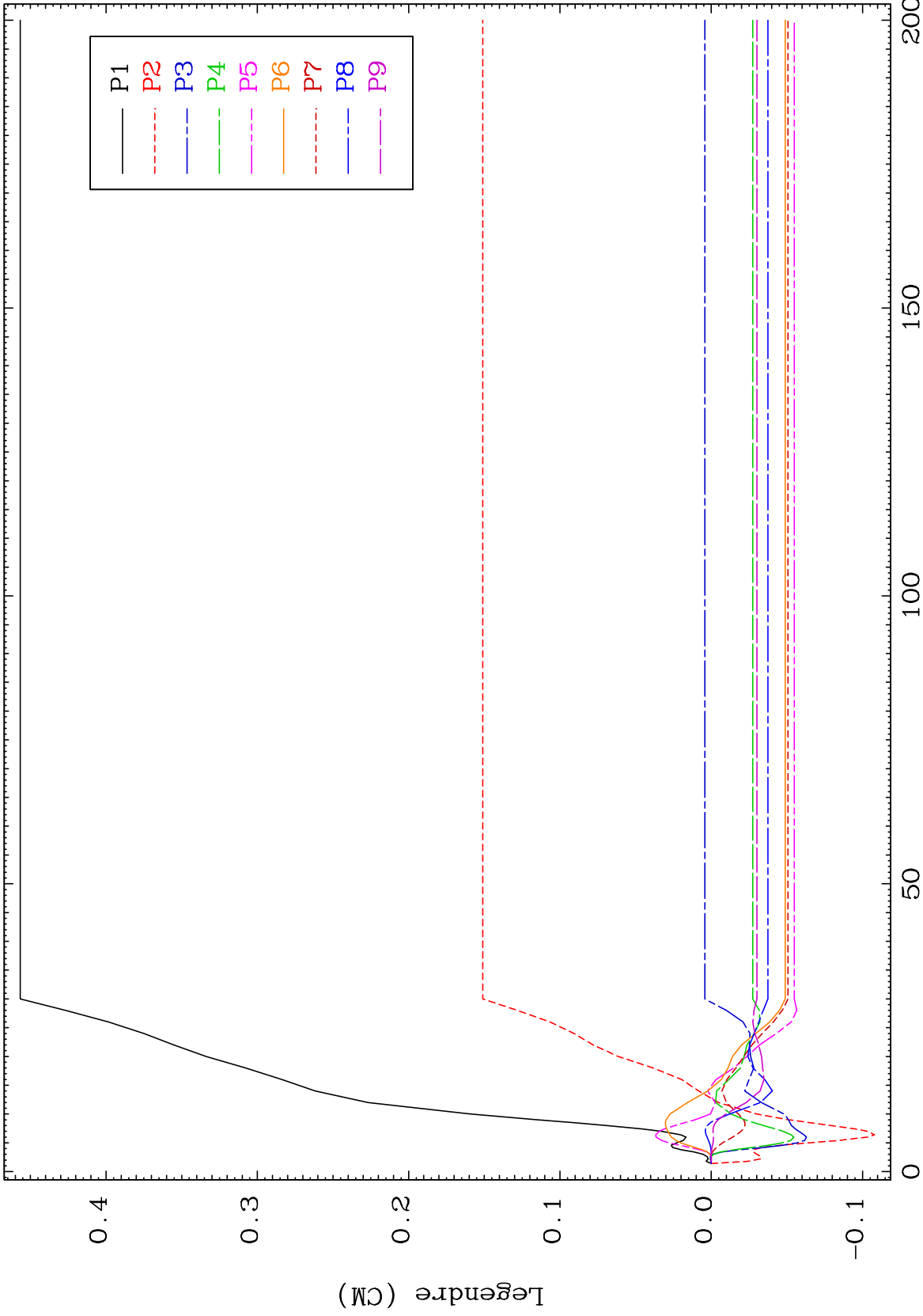
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62-Sm-146

MAT 6231

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

62-Sm-146



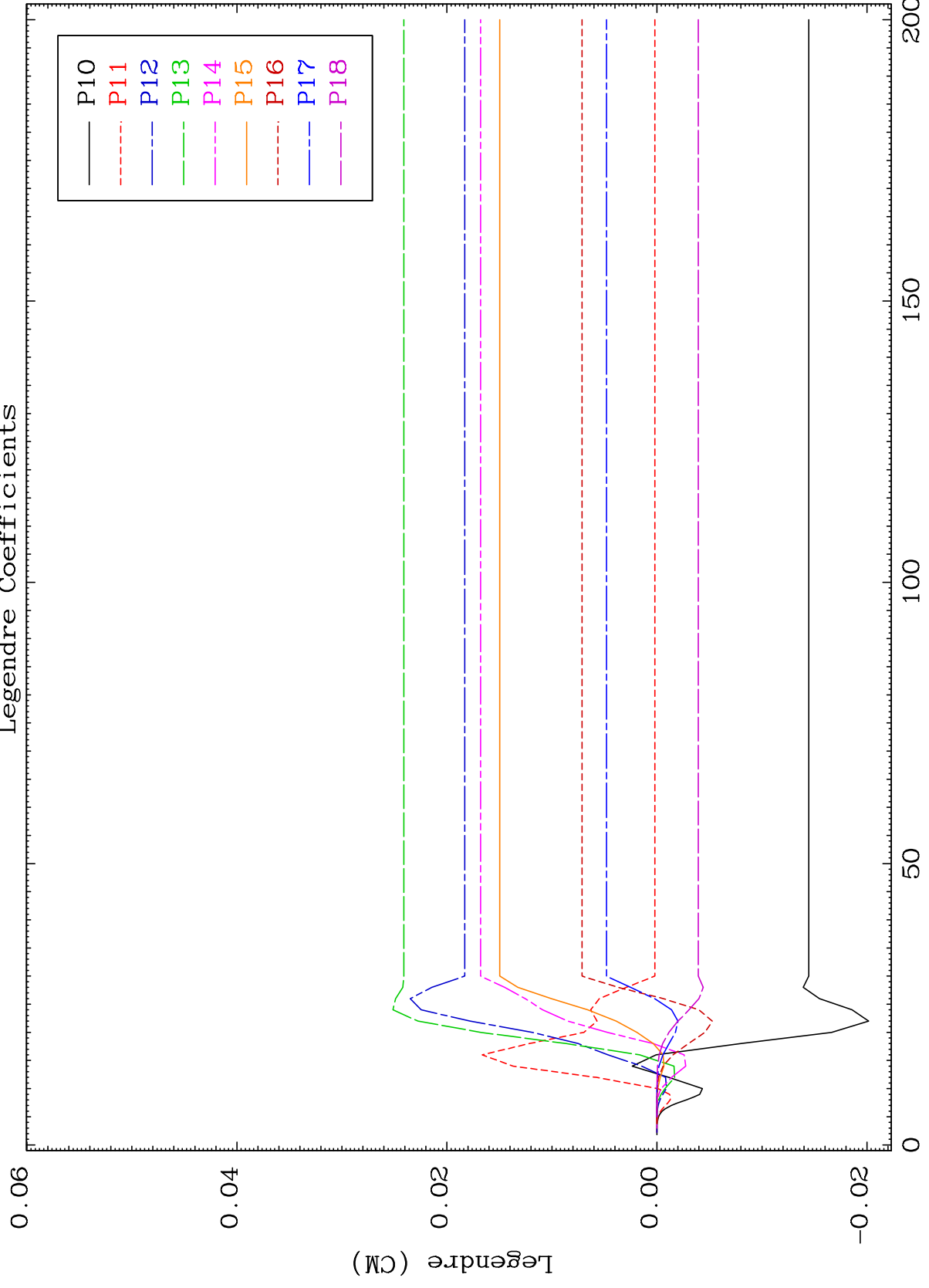
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62-Sm-146

MAT 6231

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

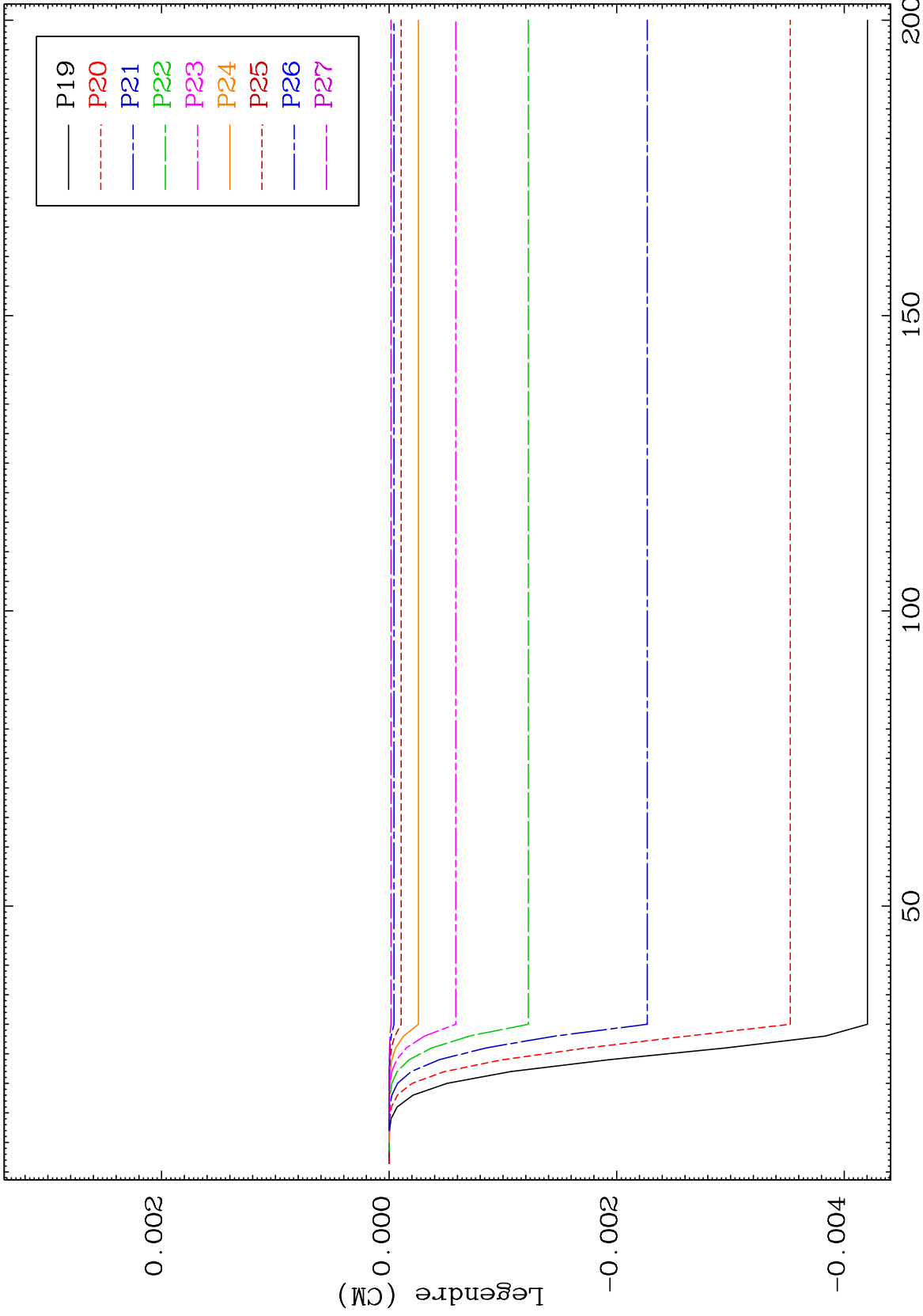
62-Sm-146



62-Sm-146

Incident Energy (MeV)

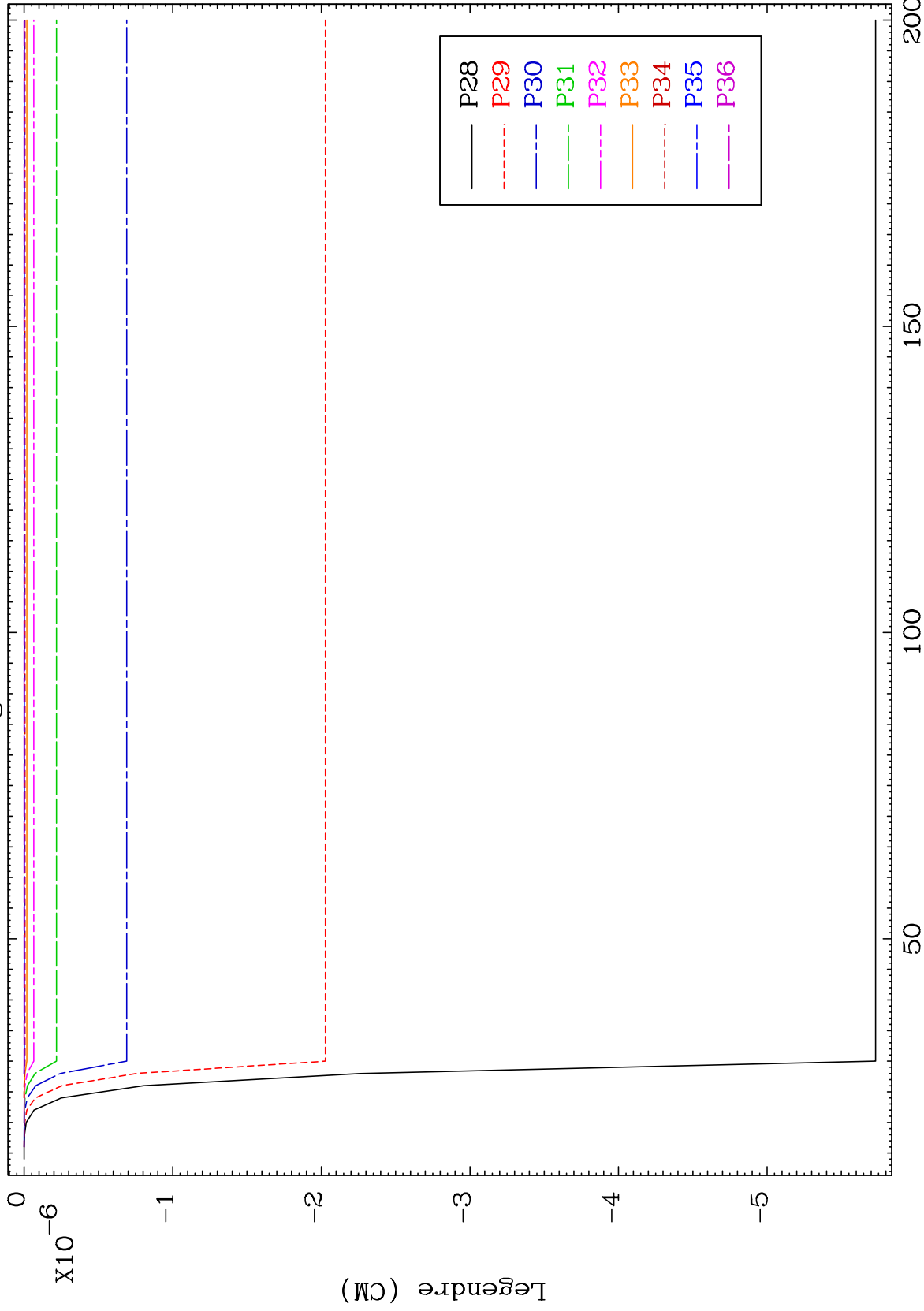
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MAT 6231

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

62-Sm-146



62-Sm-146

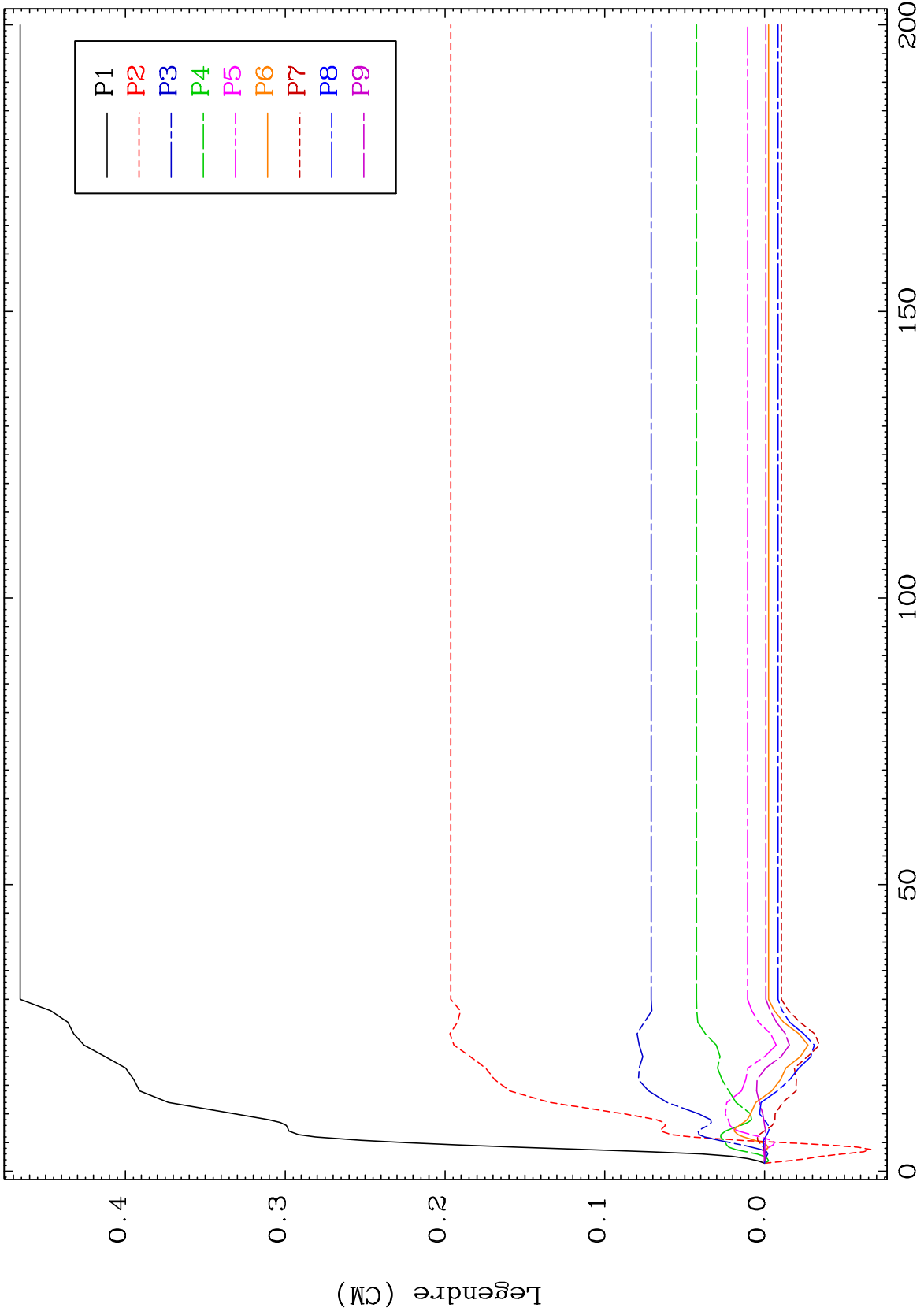
Incident Energy (MeV)

27

MAT 6231

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

62-Sm-146



28

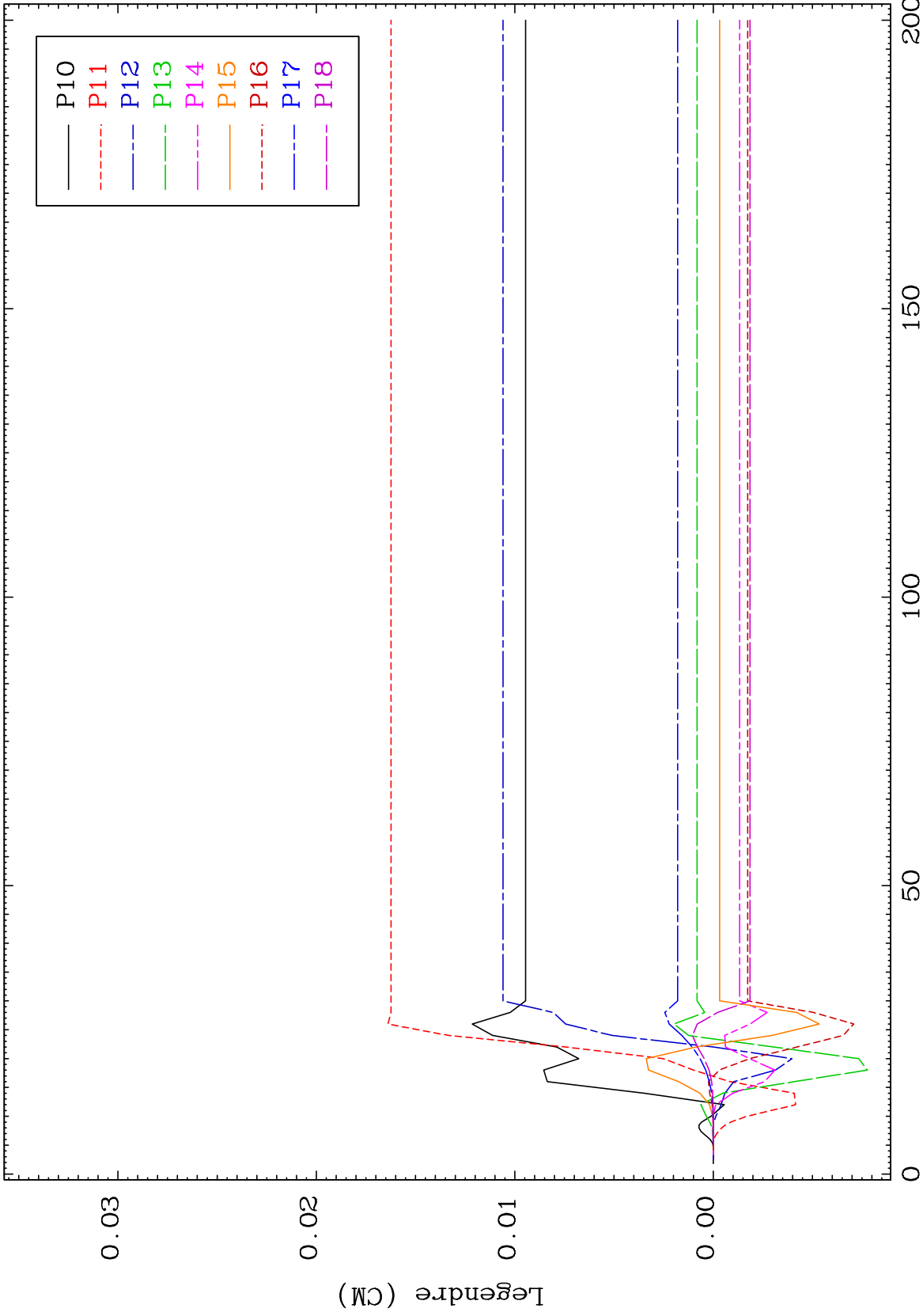
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



29

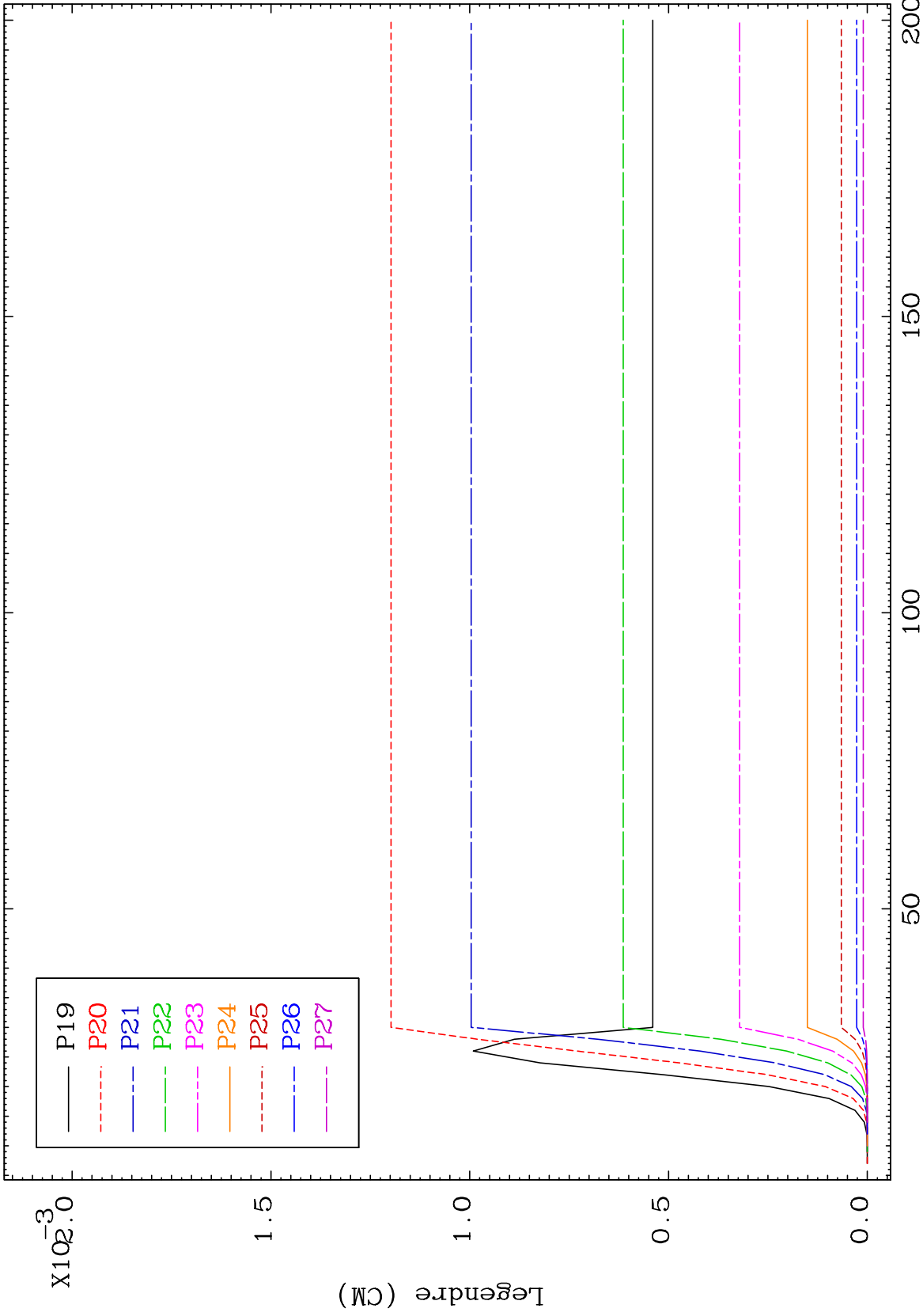
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



30

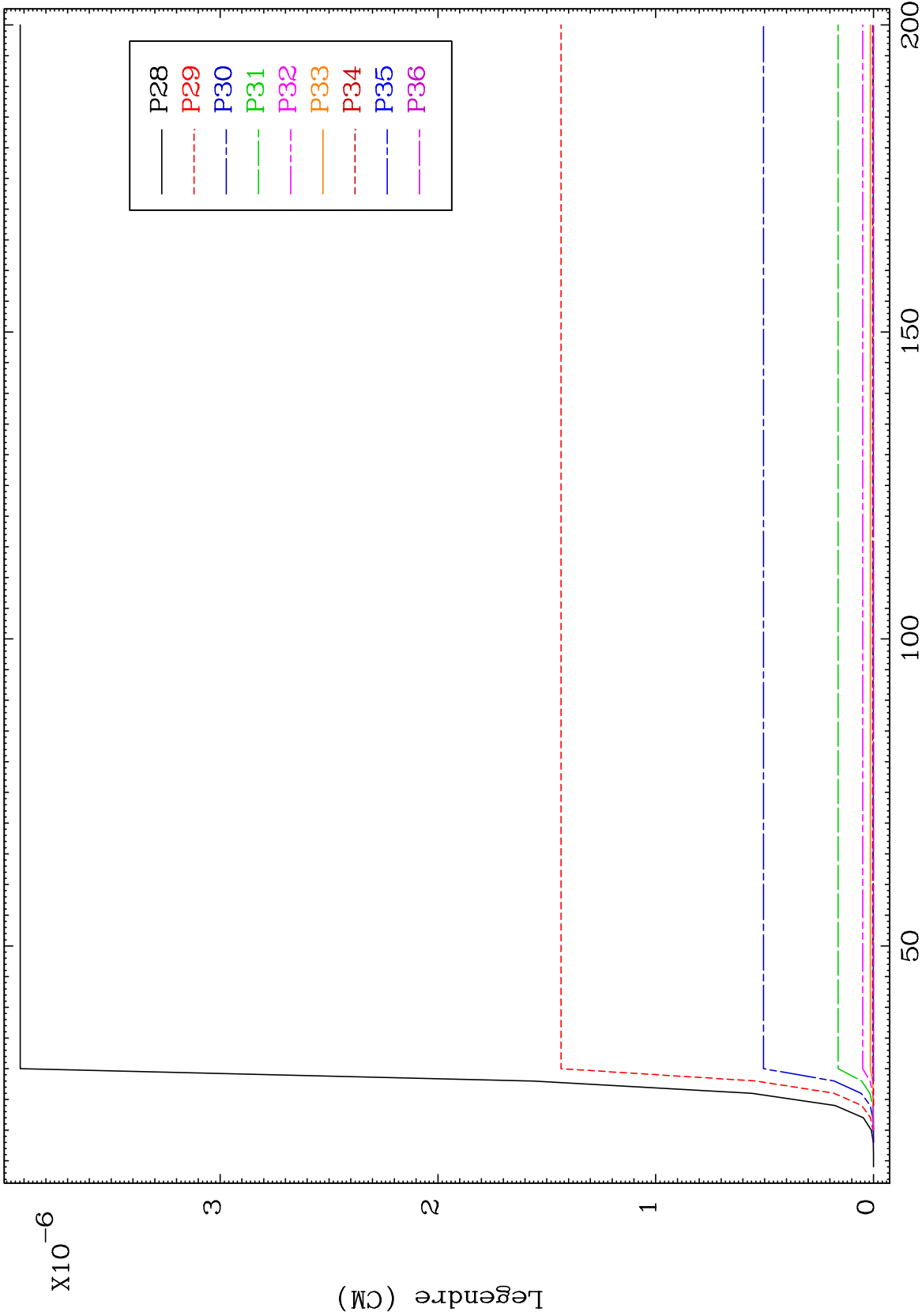
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



31

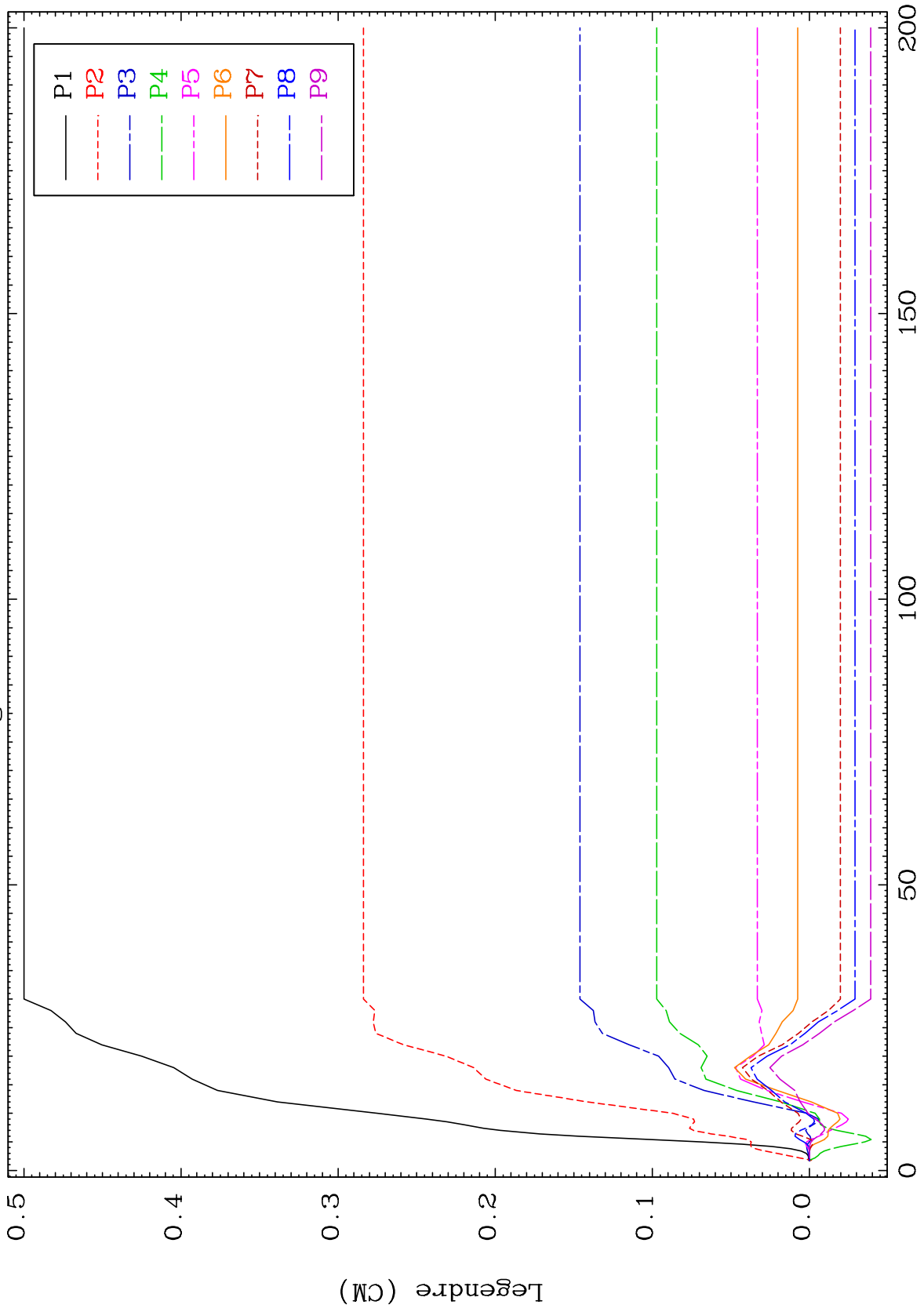
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



32

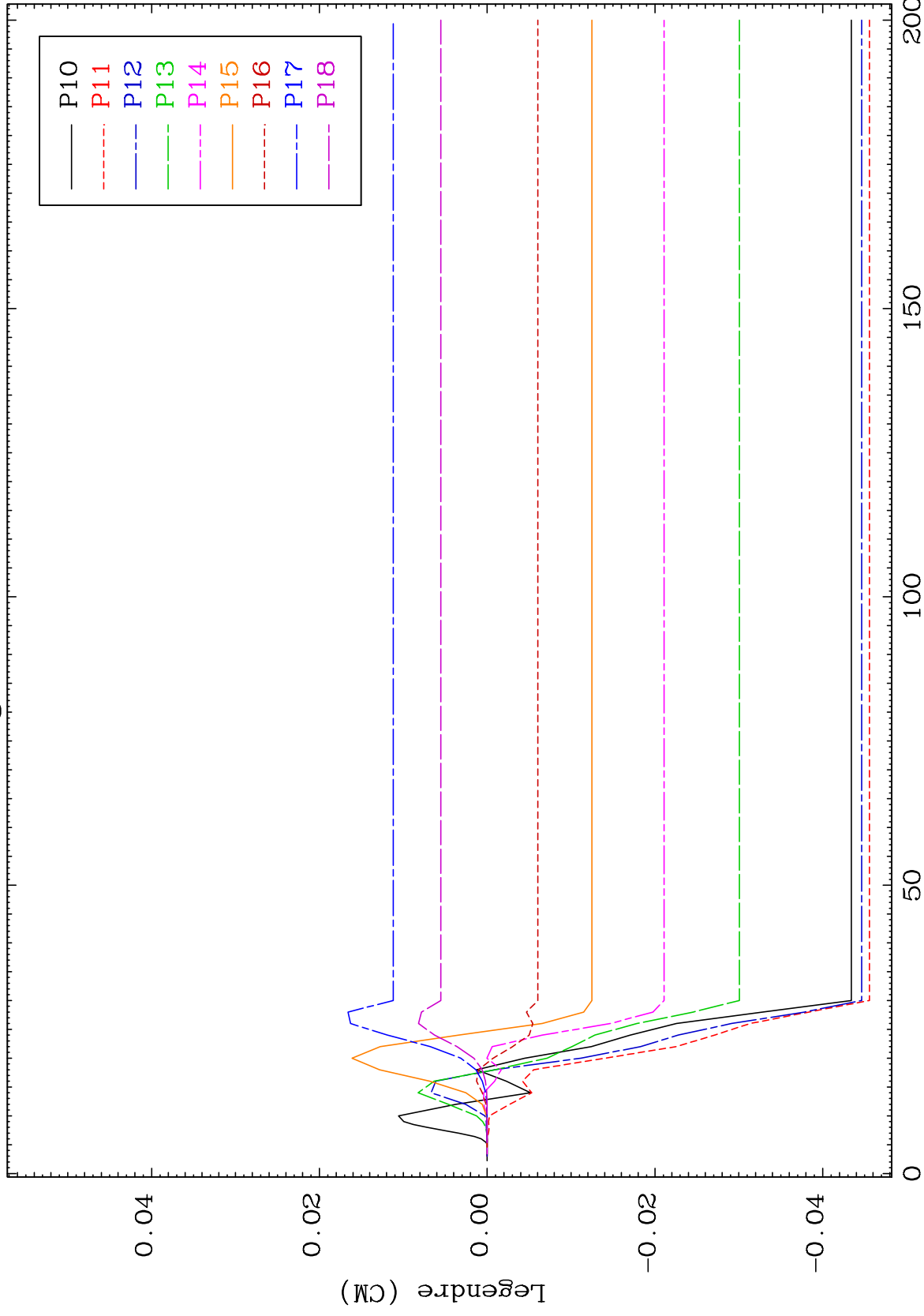
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



33

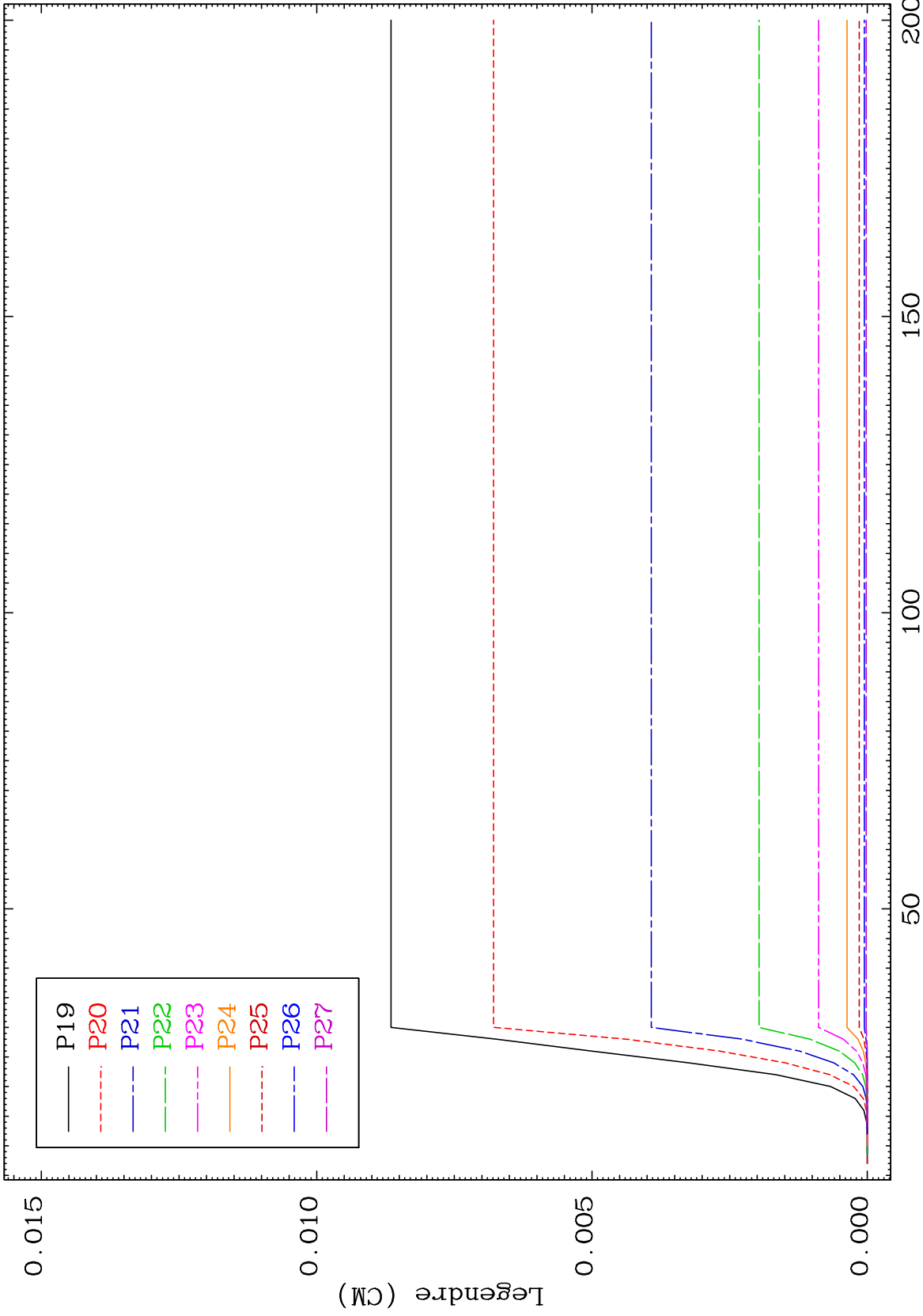
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



34

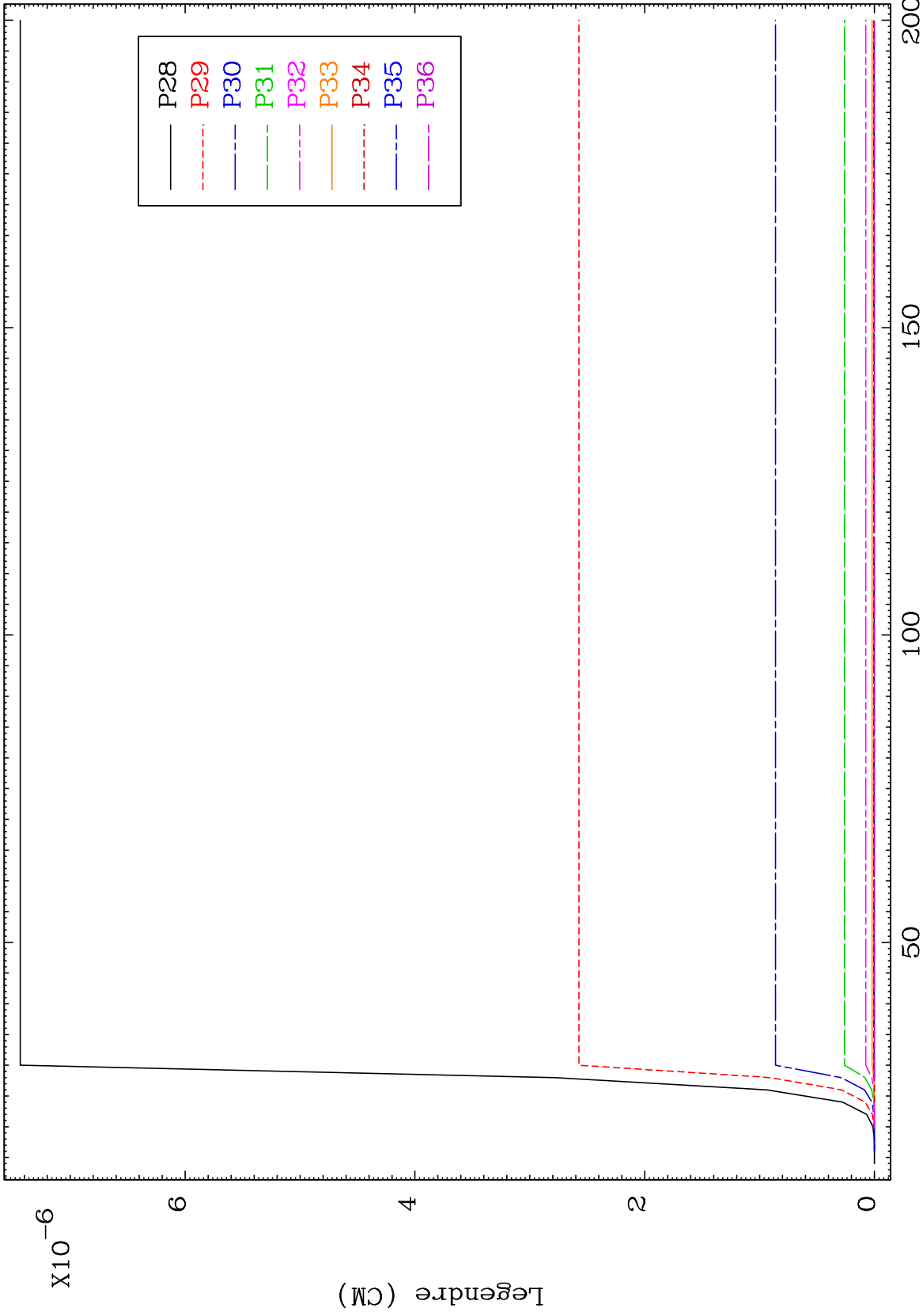
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



35

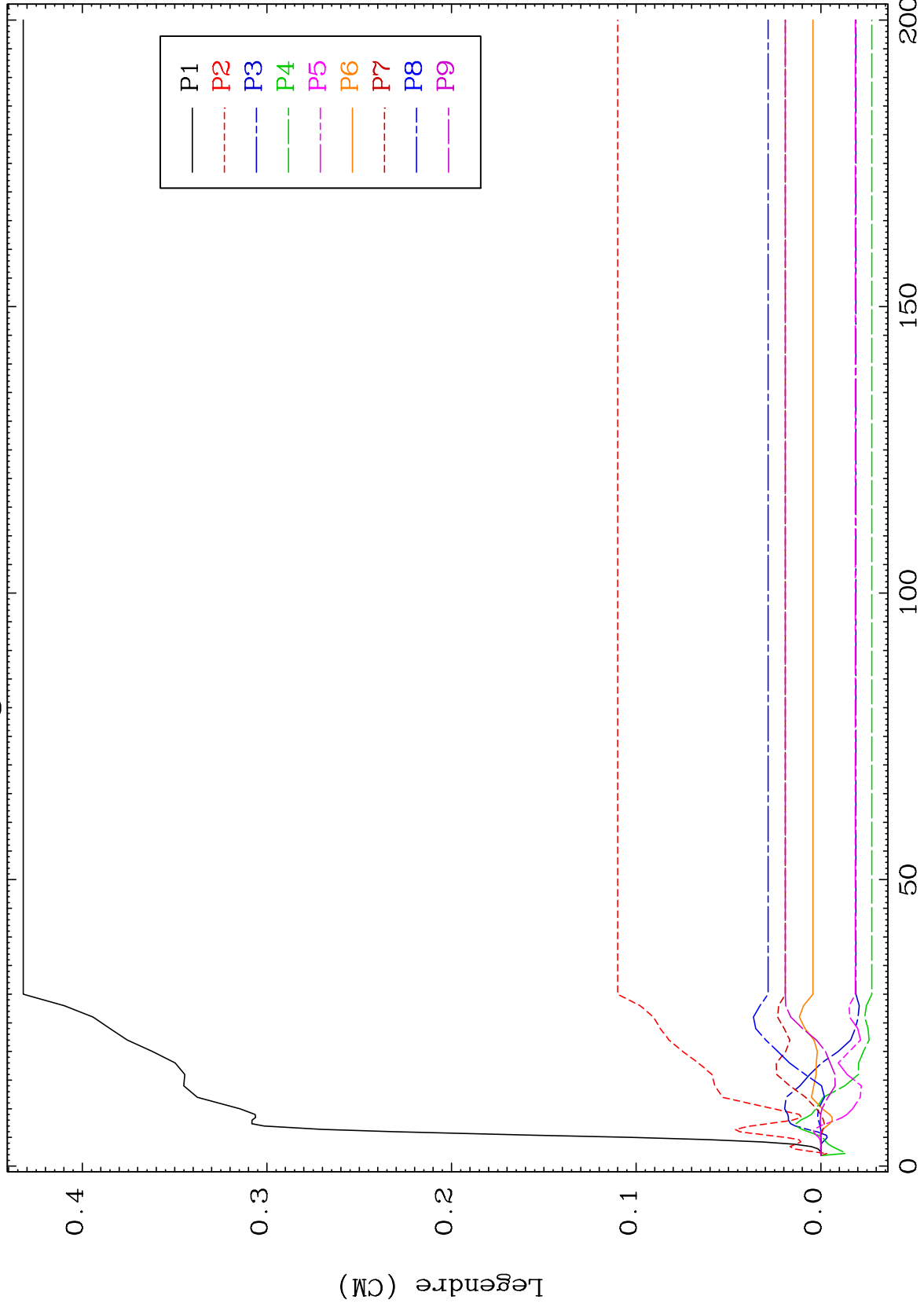
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



36

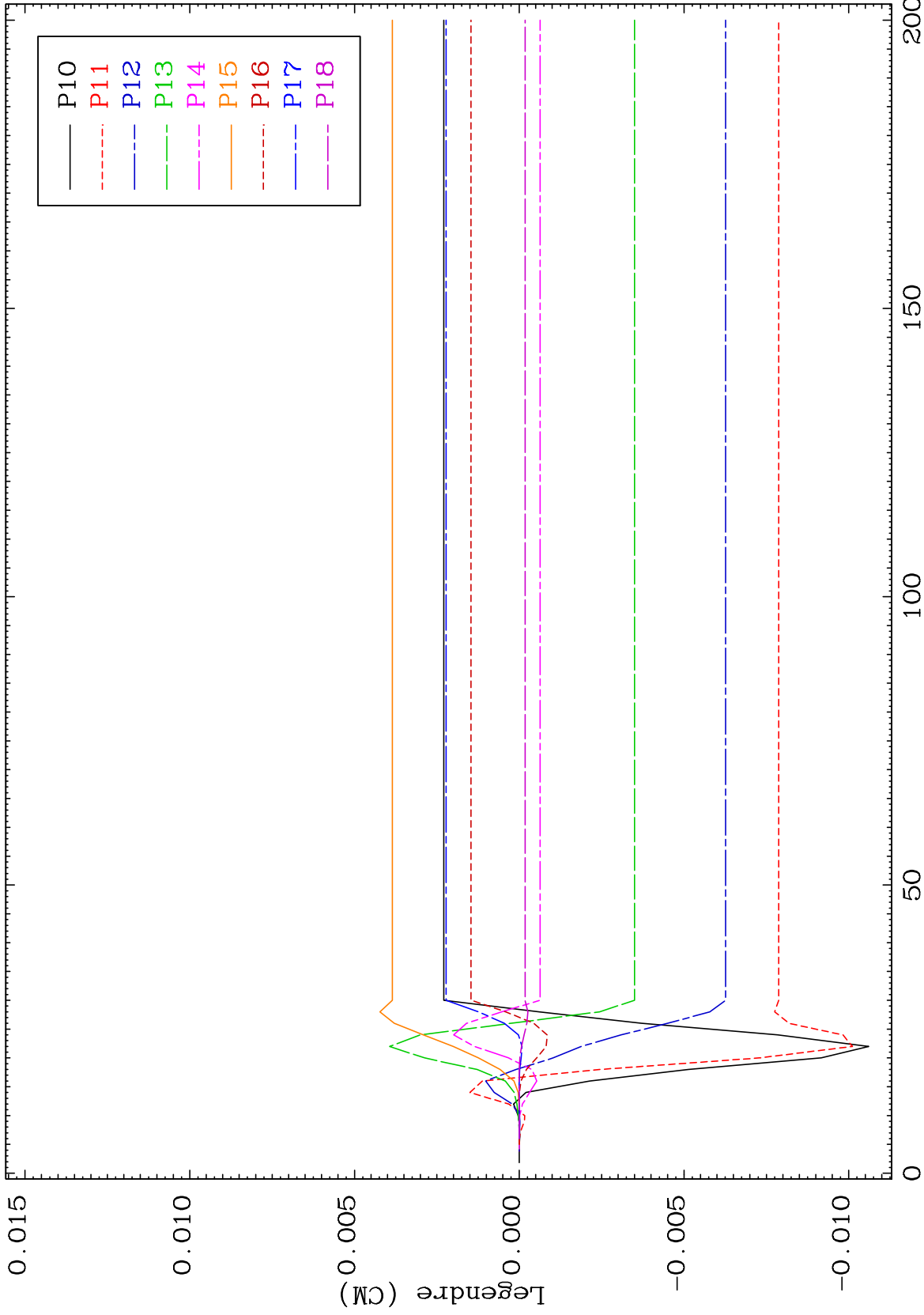
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



37

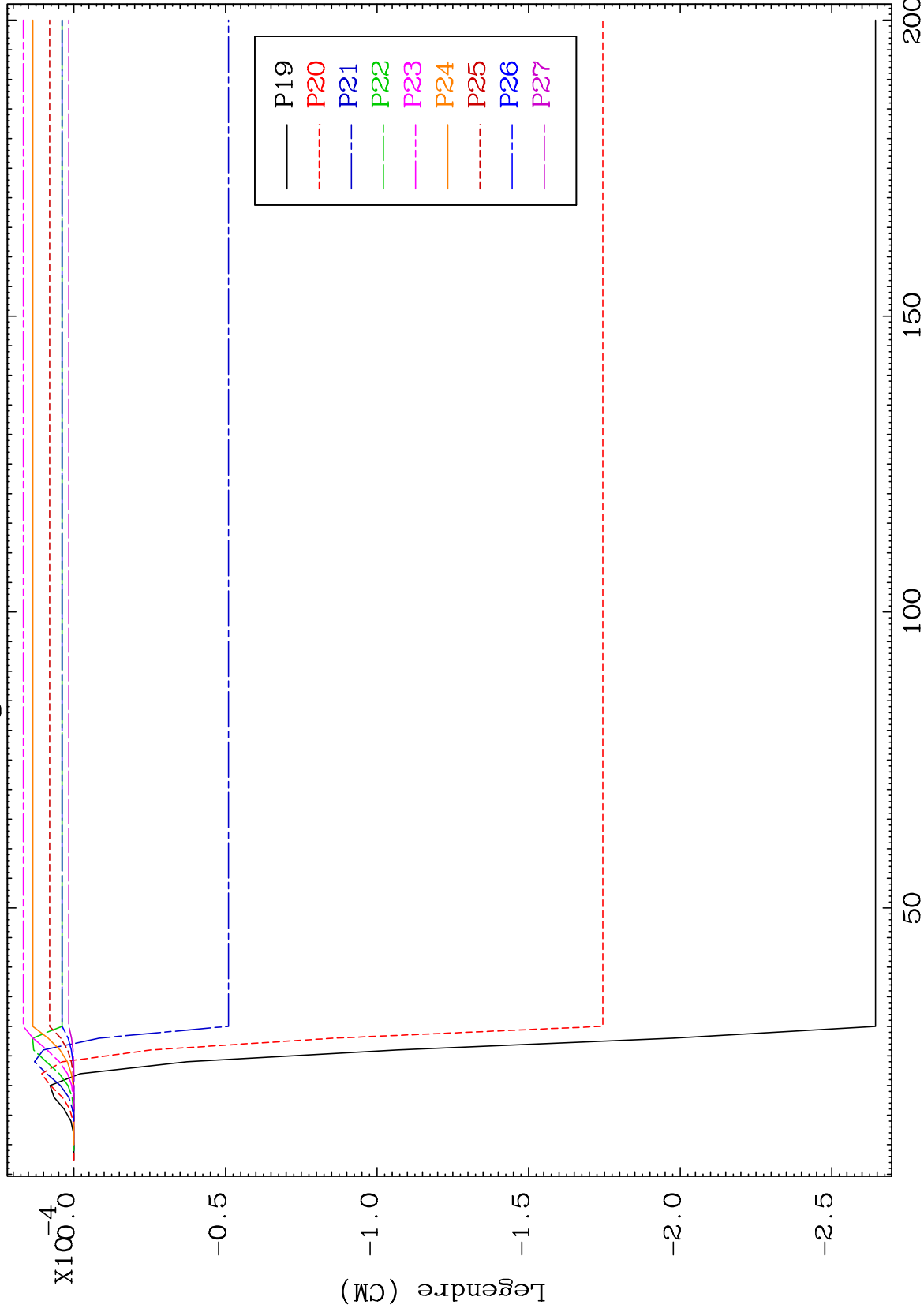
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



38

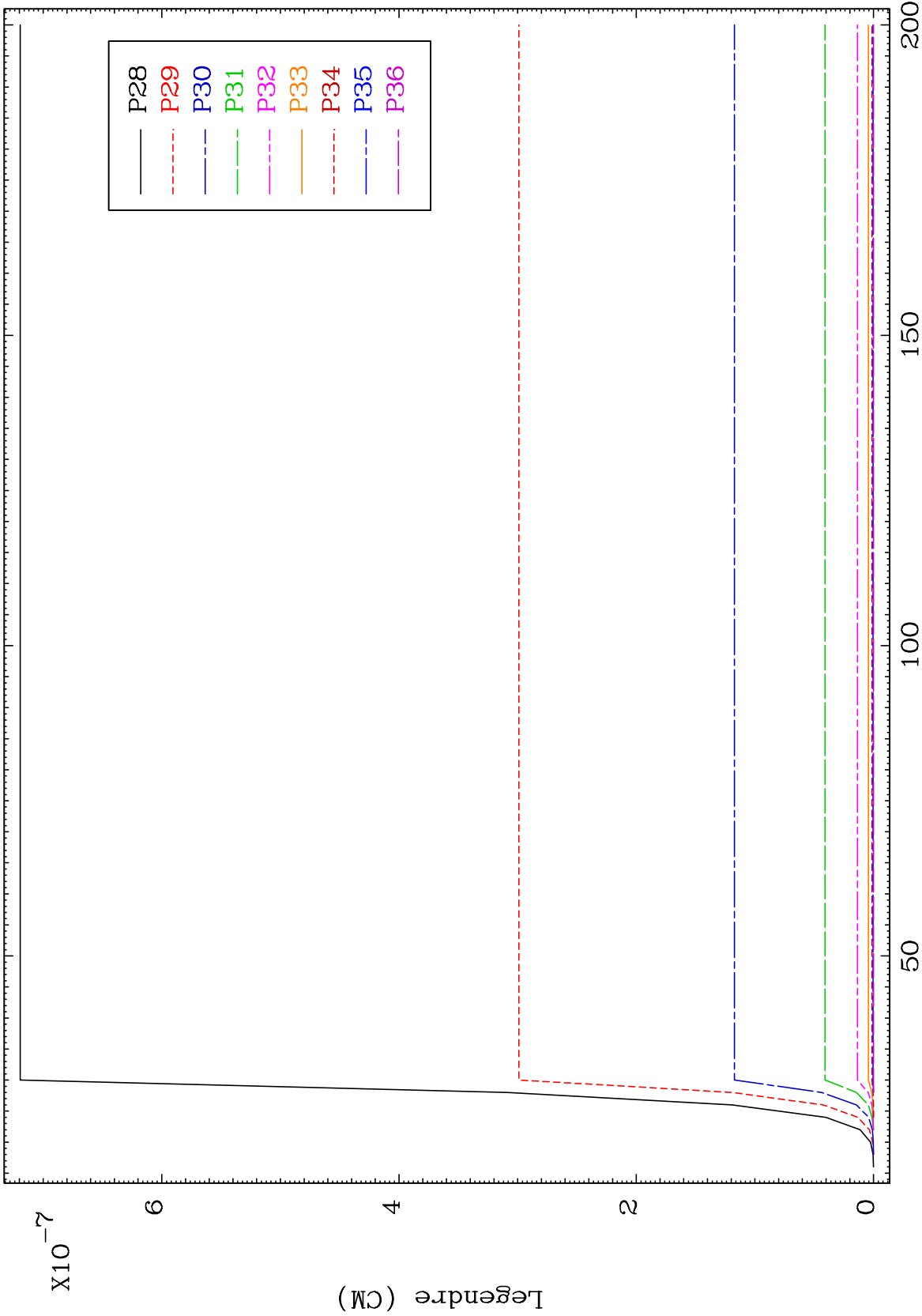
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146

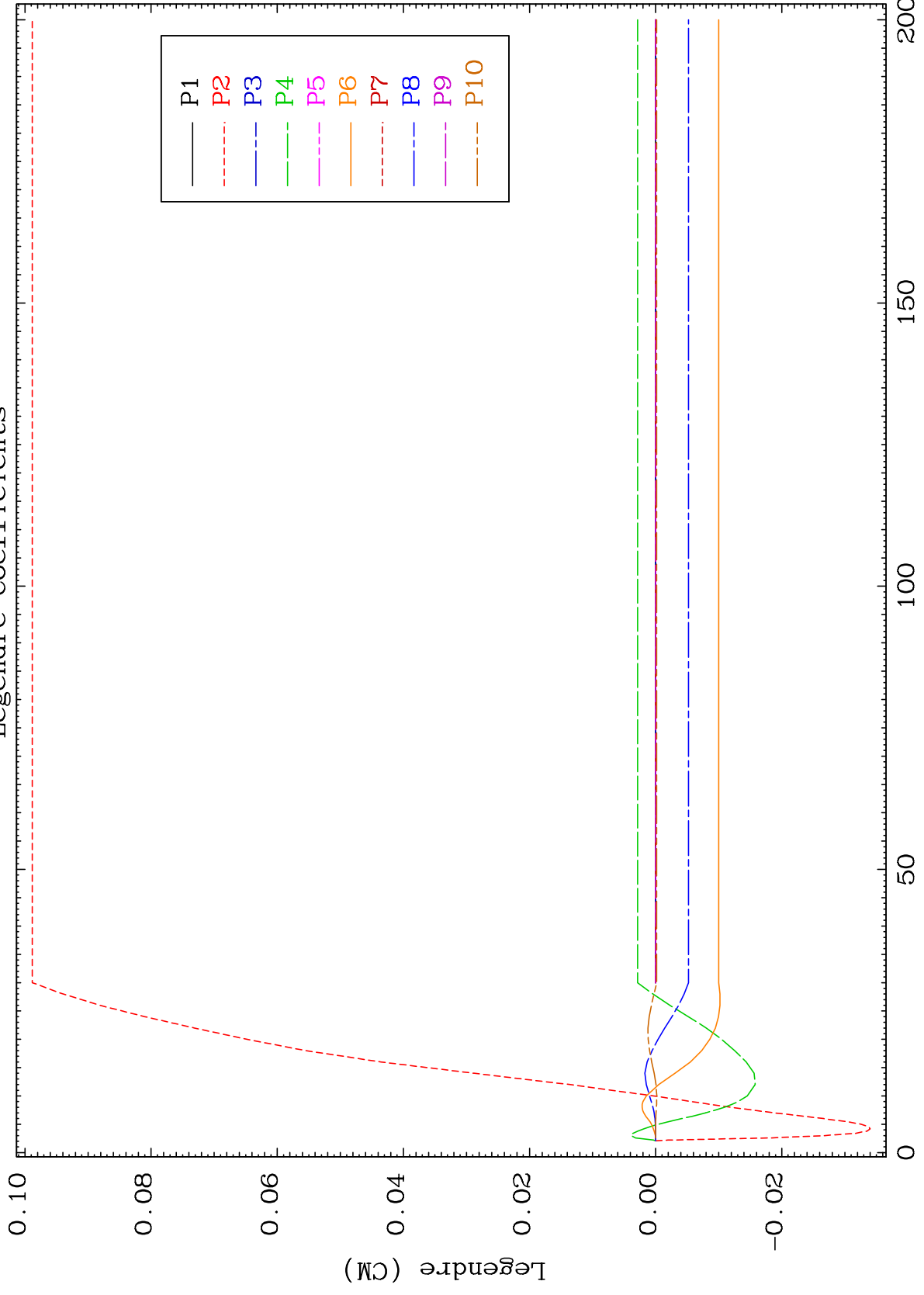


39

Incident Energy (MeV)

62-Sm-146

MAT 6231 MT= 56 (n,n') Level Legendre Coefficients 62-Sm-146

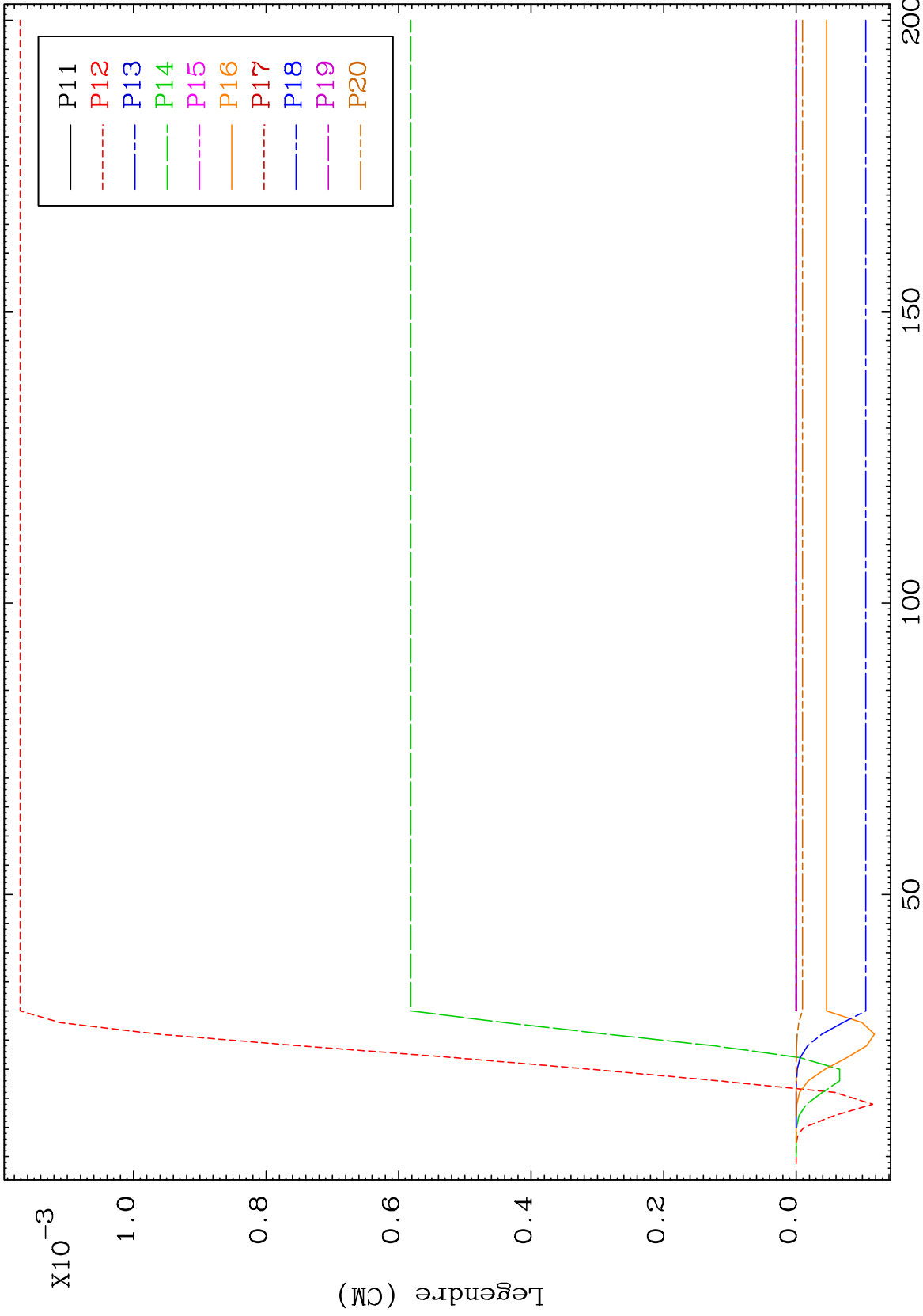


62-Sm-146

MAT 6231

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

62-Sm-146



41

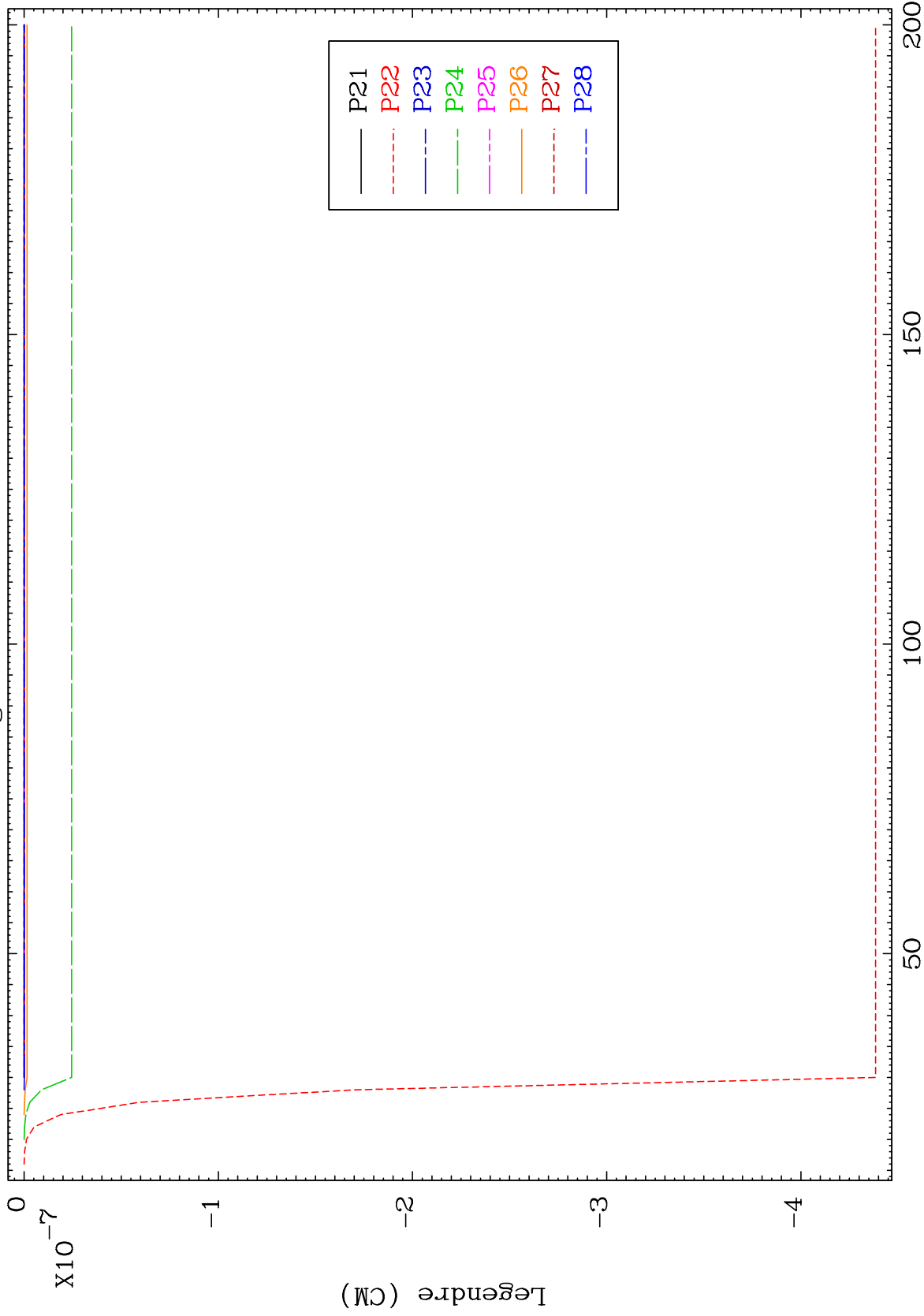
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



42

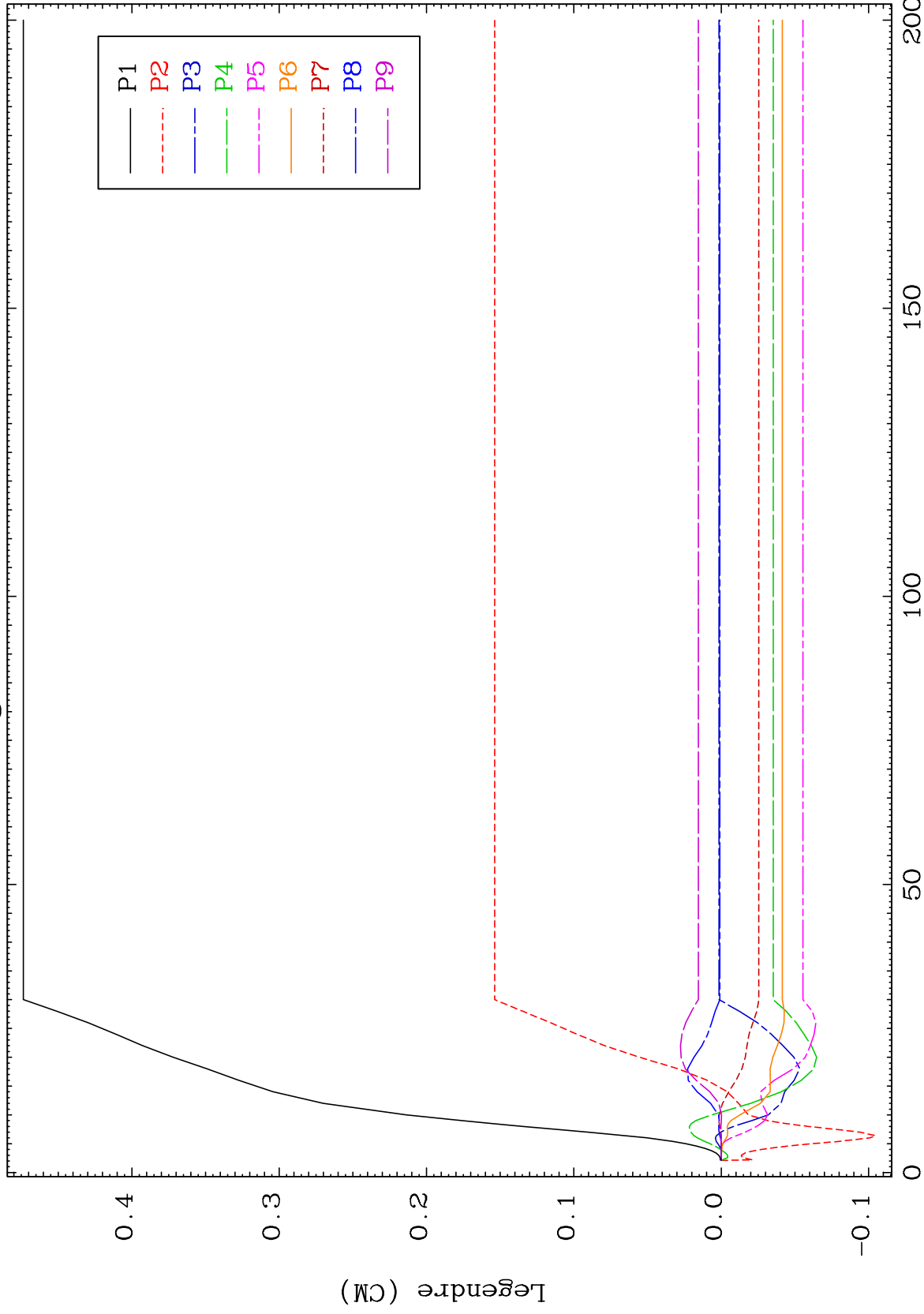
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



43

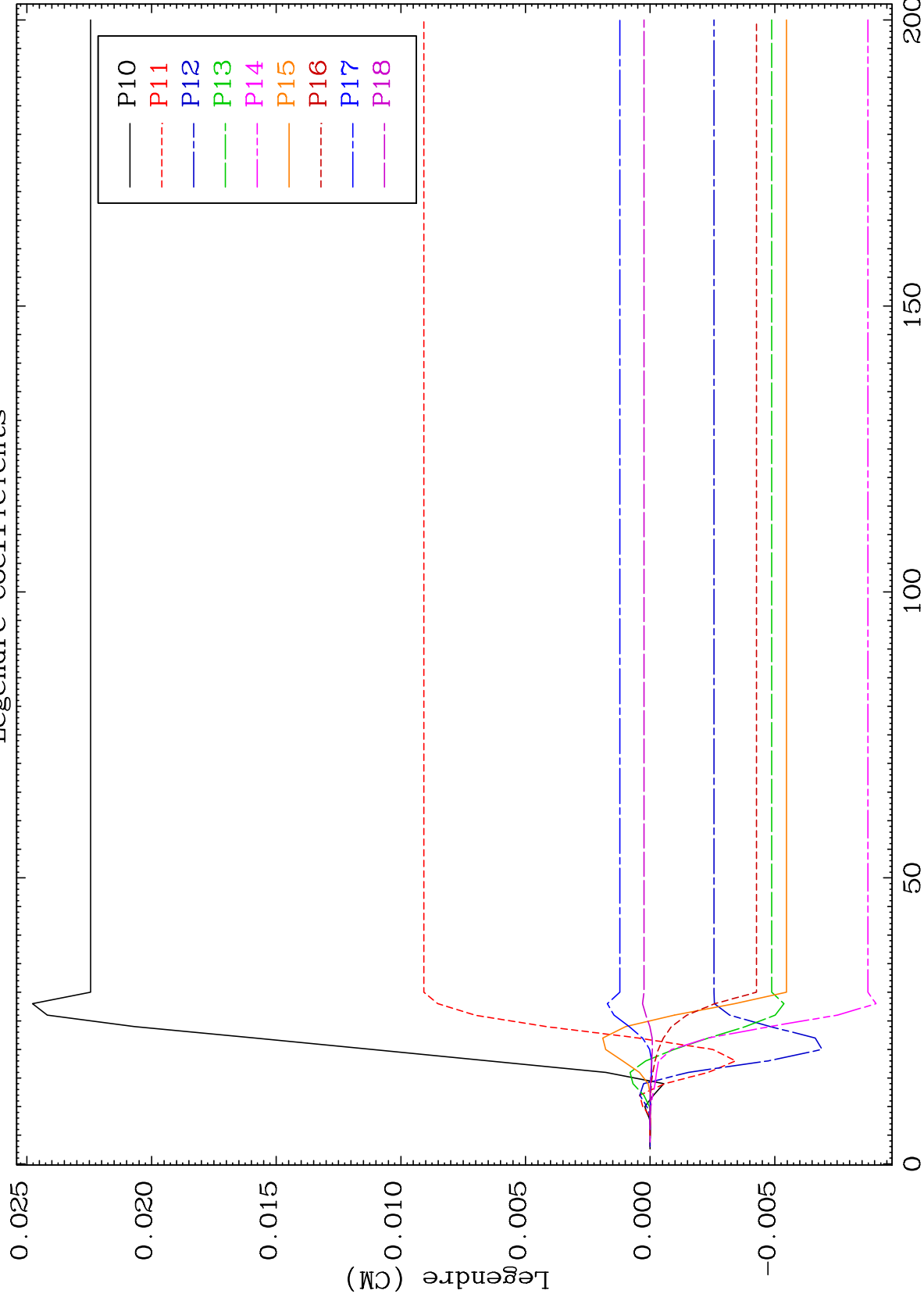
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



44

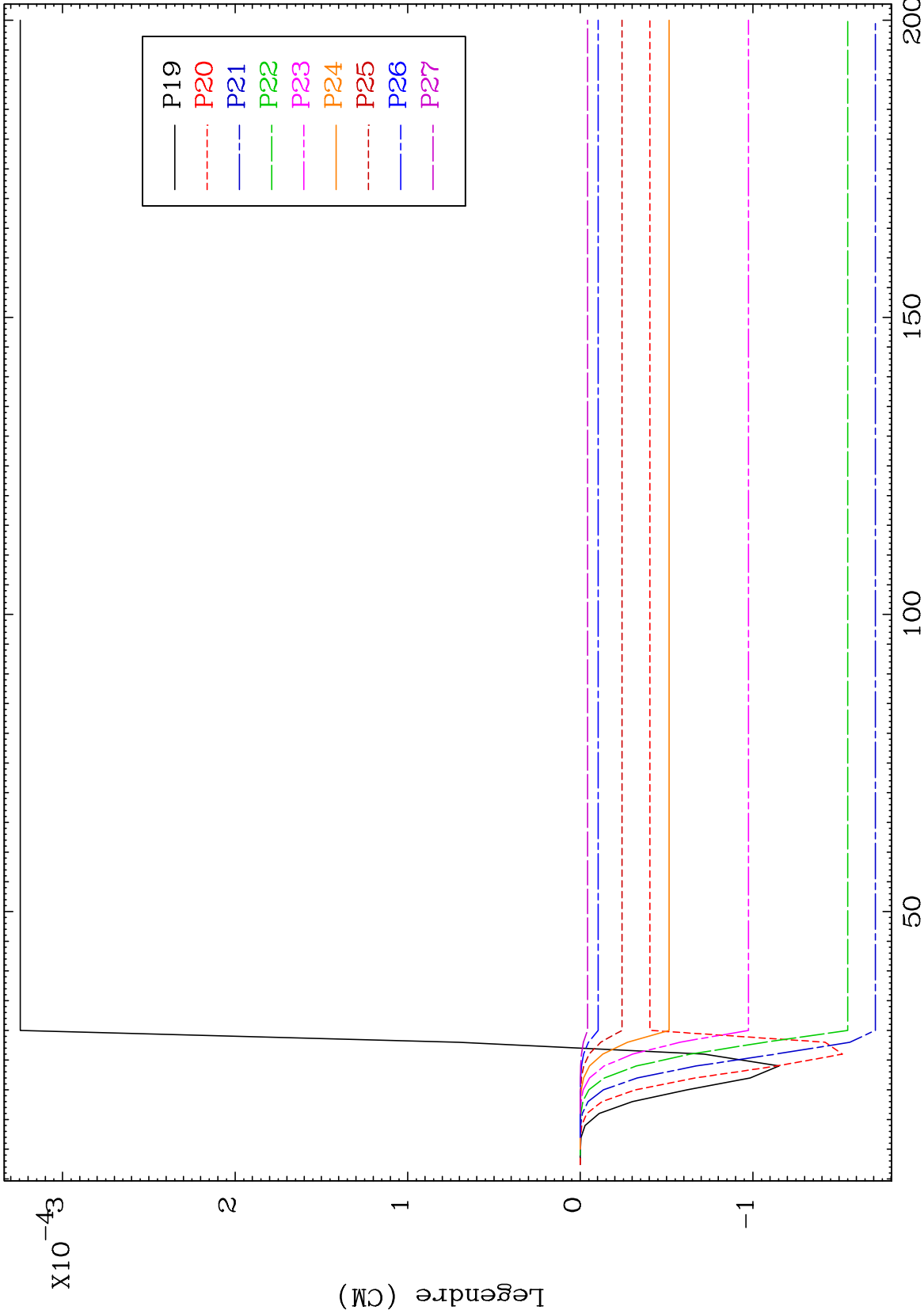
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



45

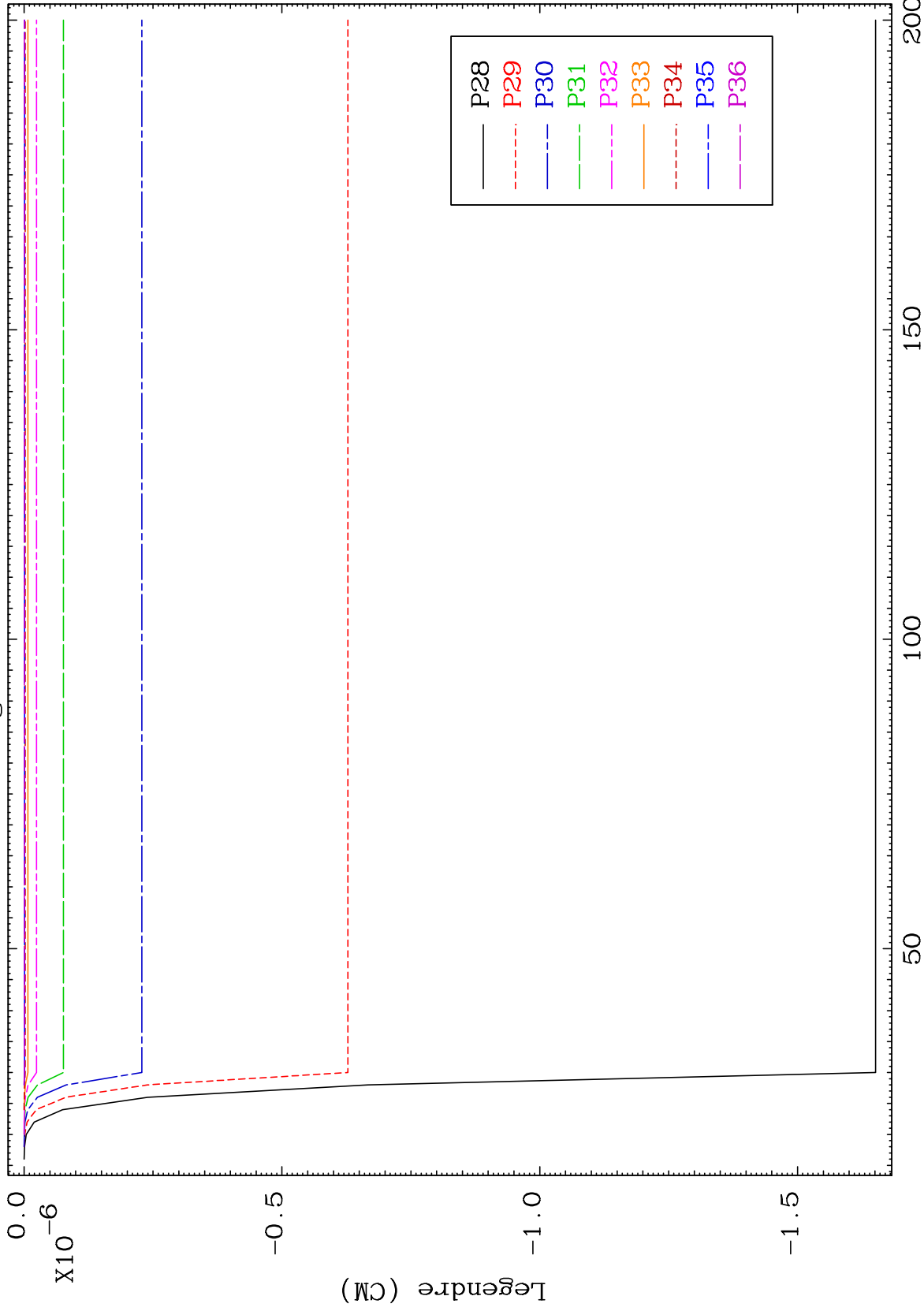
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146

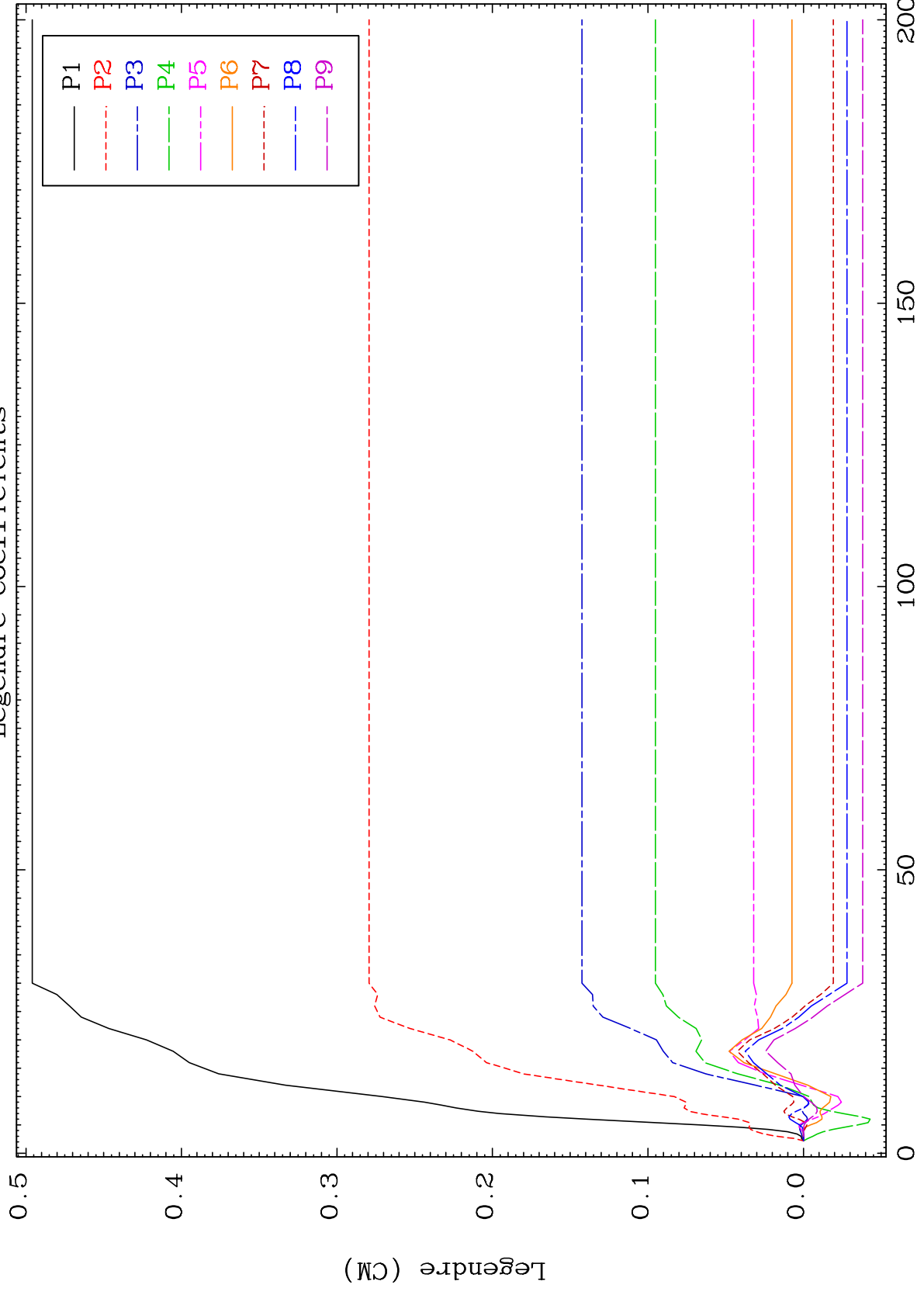


62-Sm-146

Incident Energy (MeV)

46

MAT 6231 MT= 58 (n,n') Level Legendre Coefficients 62-Sm-146

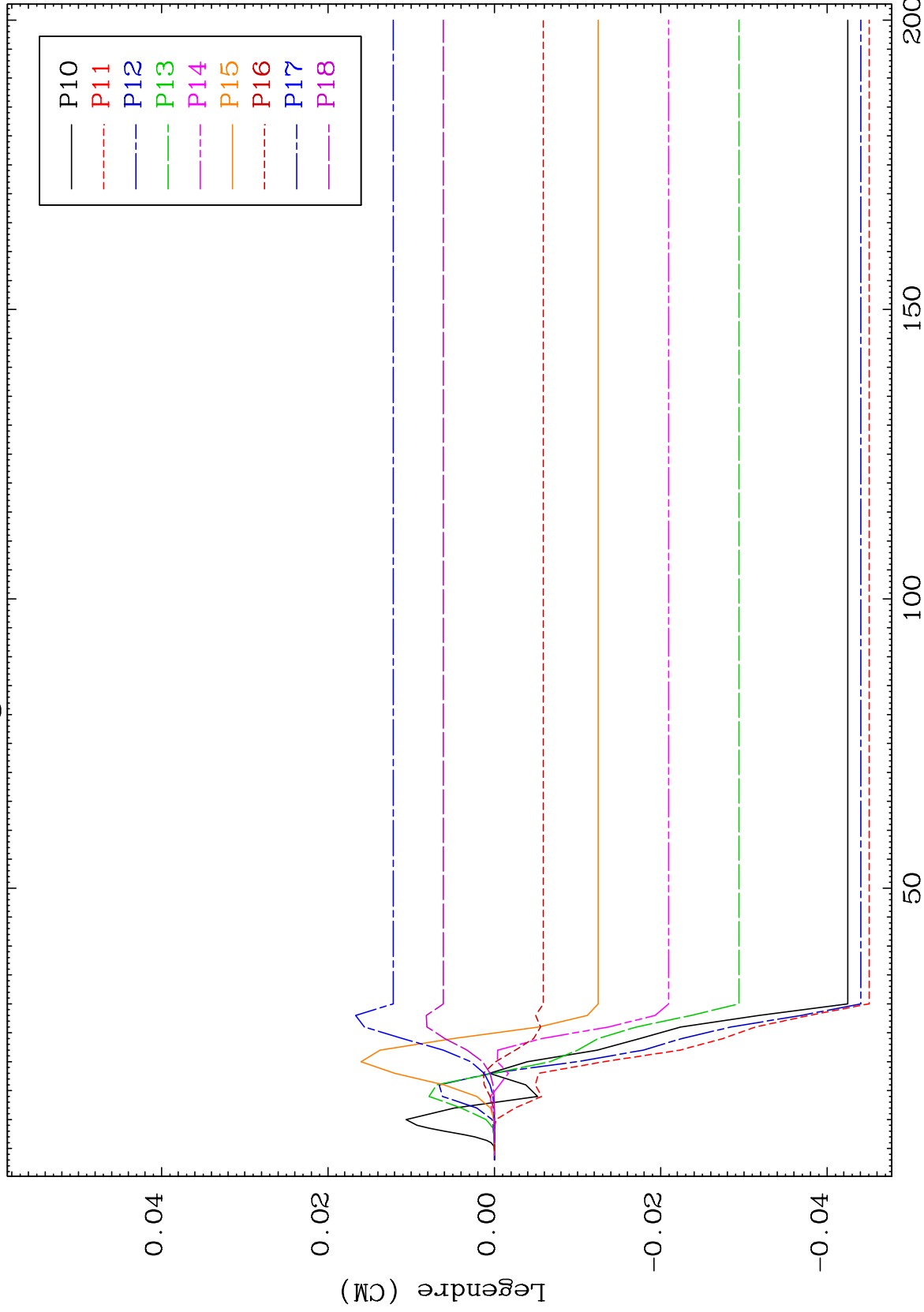


47 62-Sm-146

MAT 6231

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

62-Sm-146



48

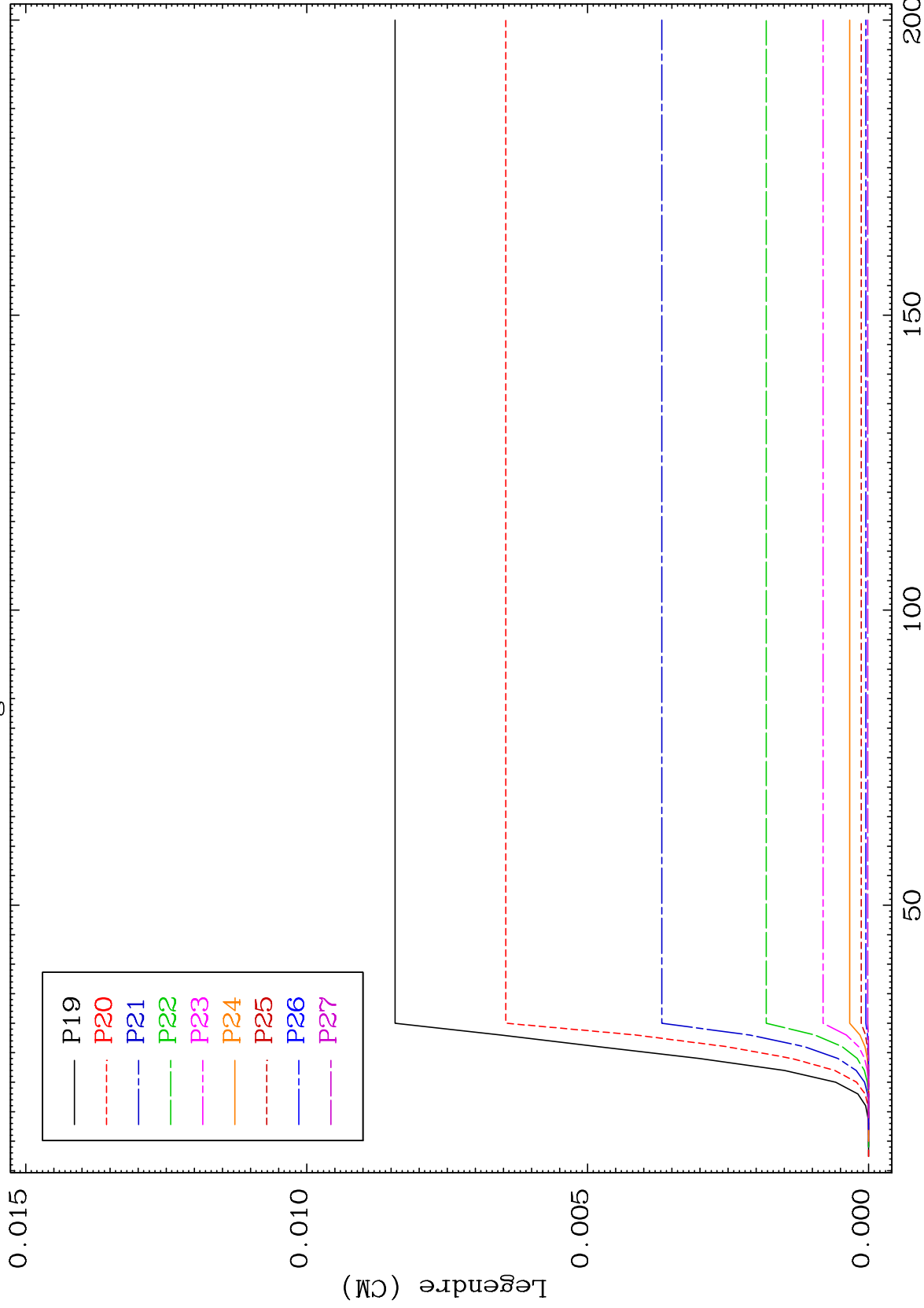
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



49

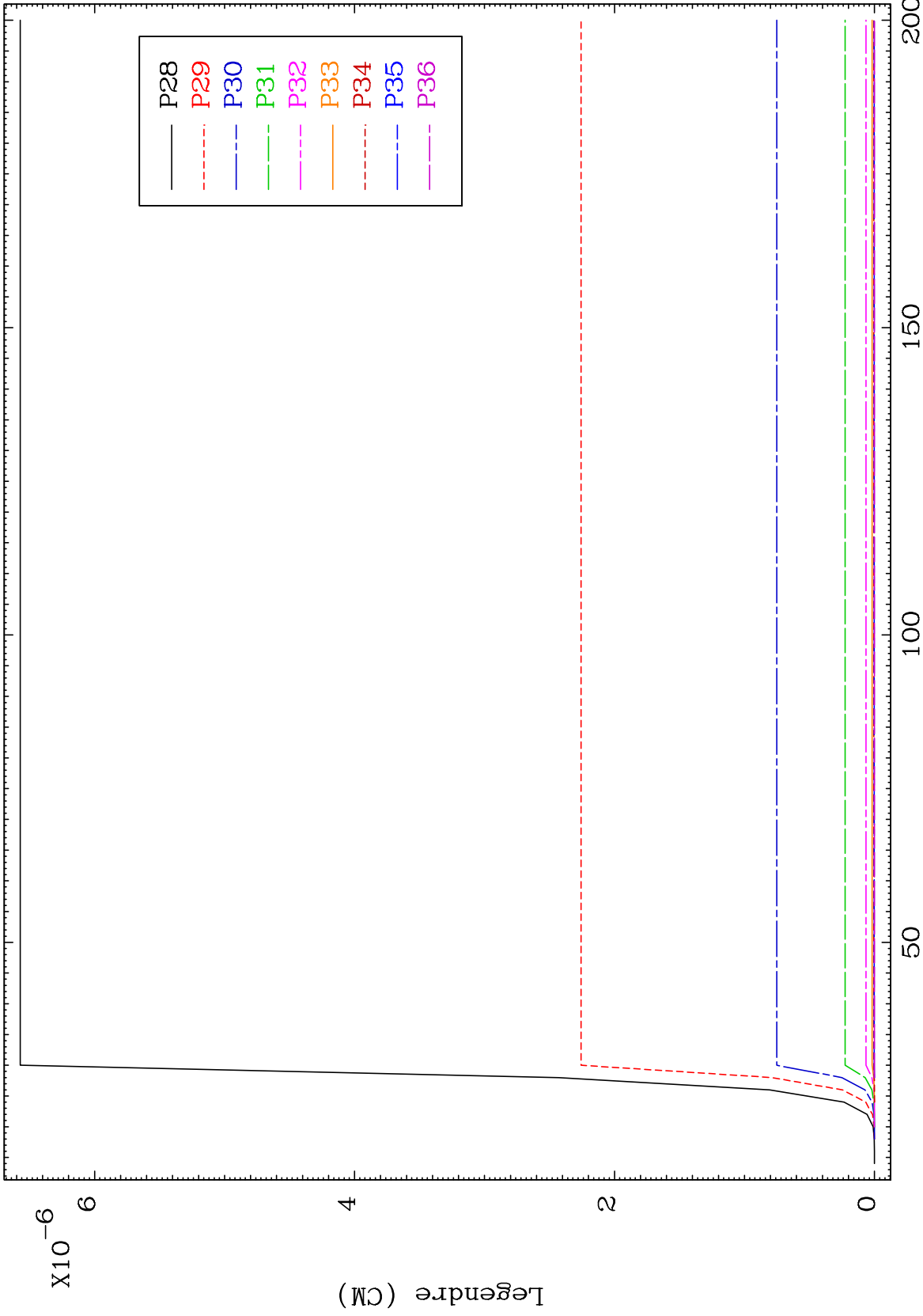
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



50

50

100

150

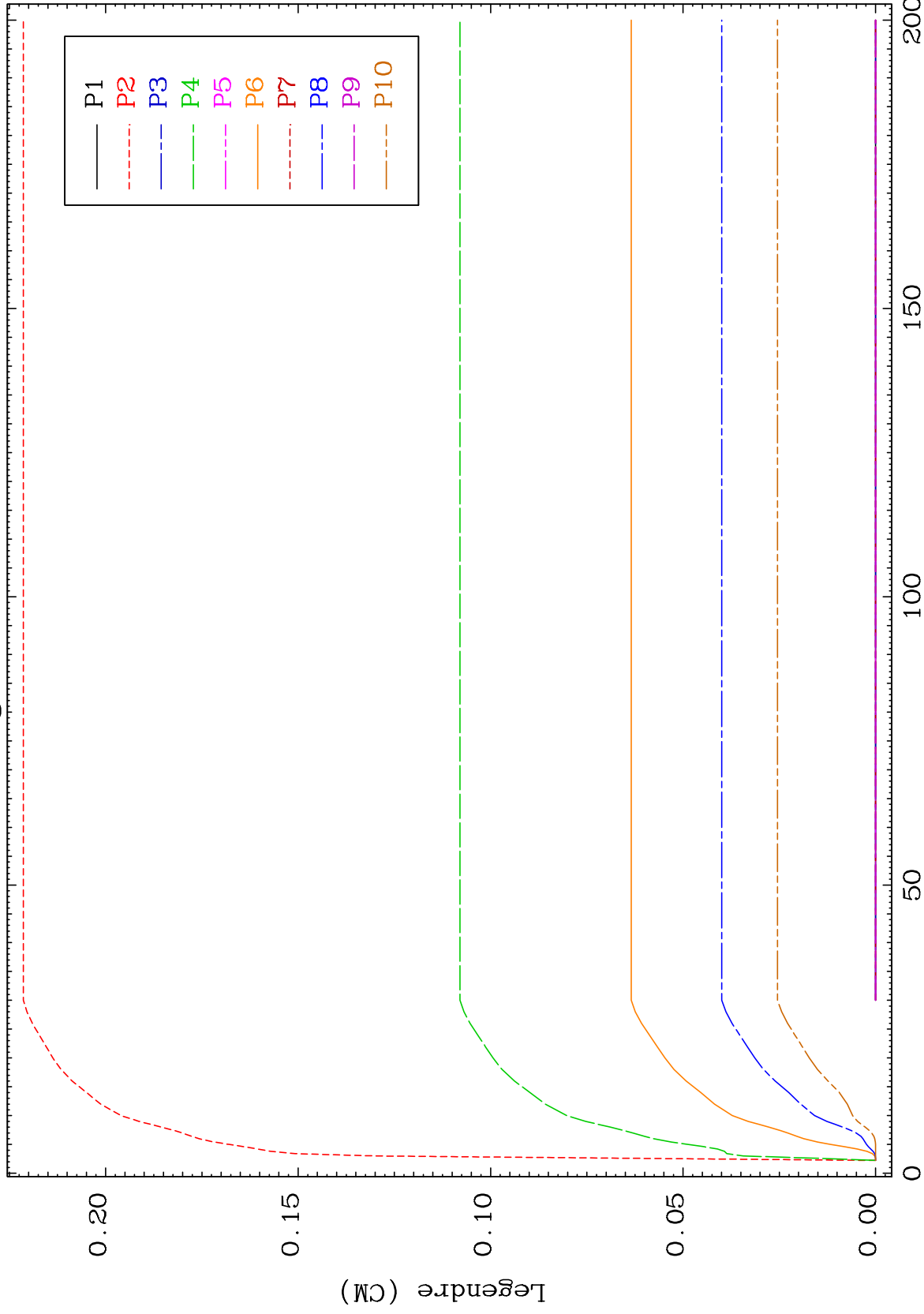
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62-Sm-146

MAT 6231

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

62-Sm-146



51

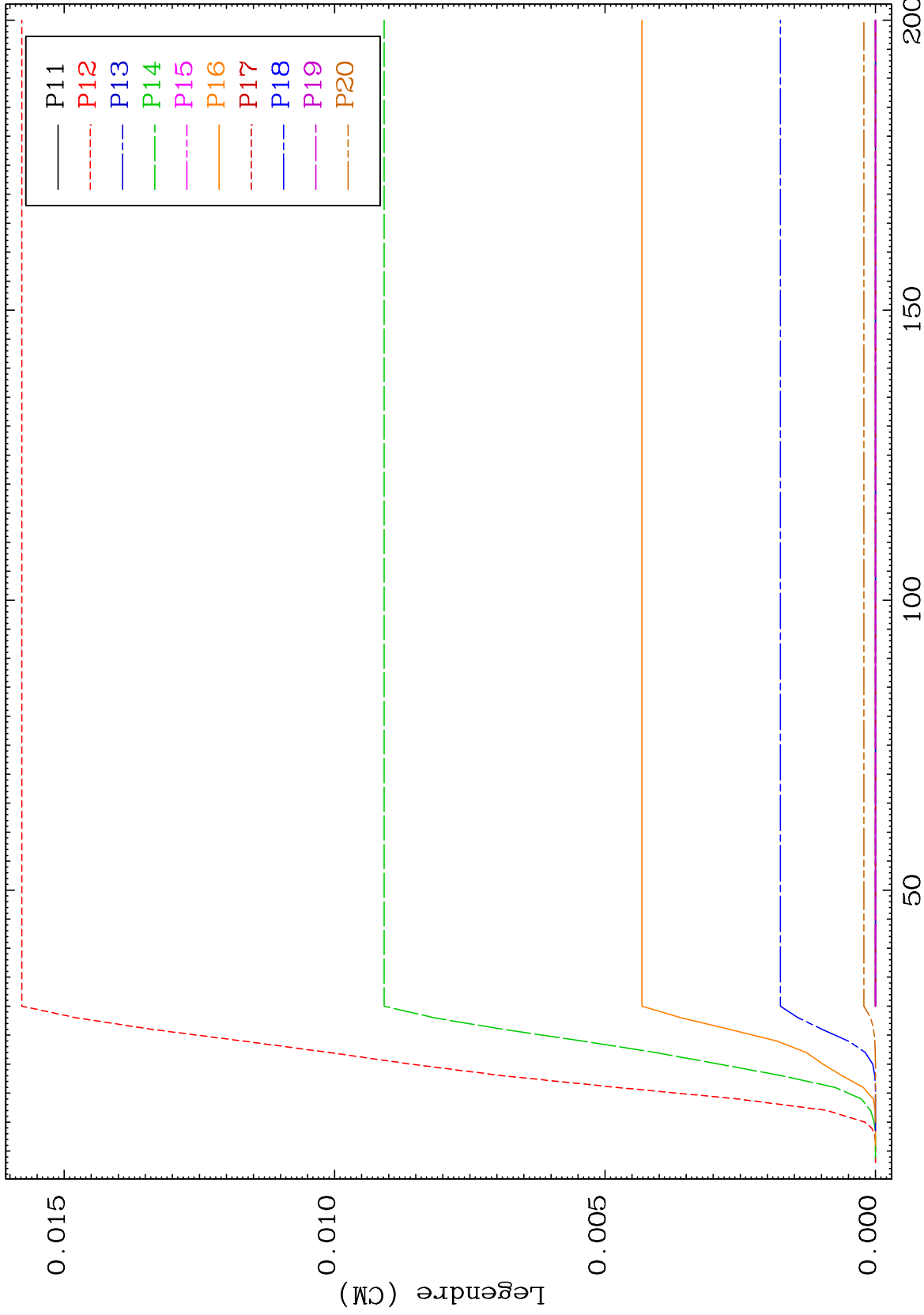
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146

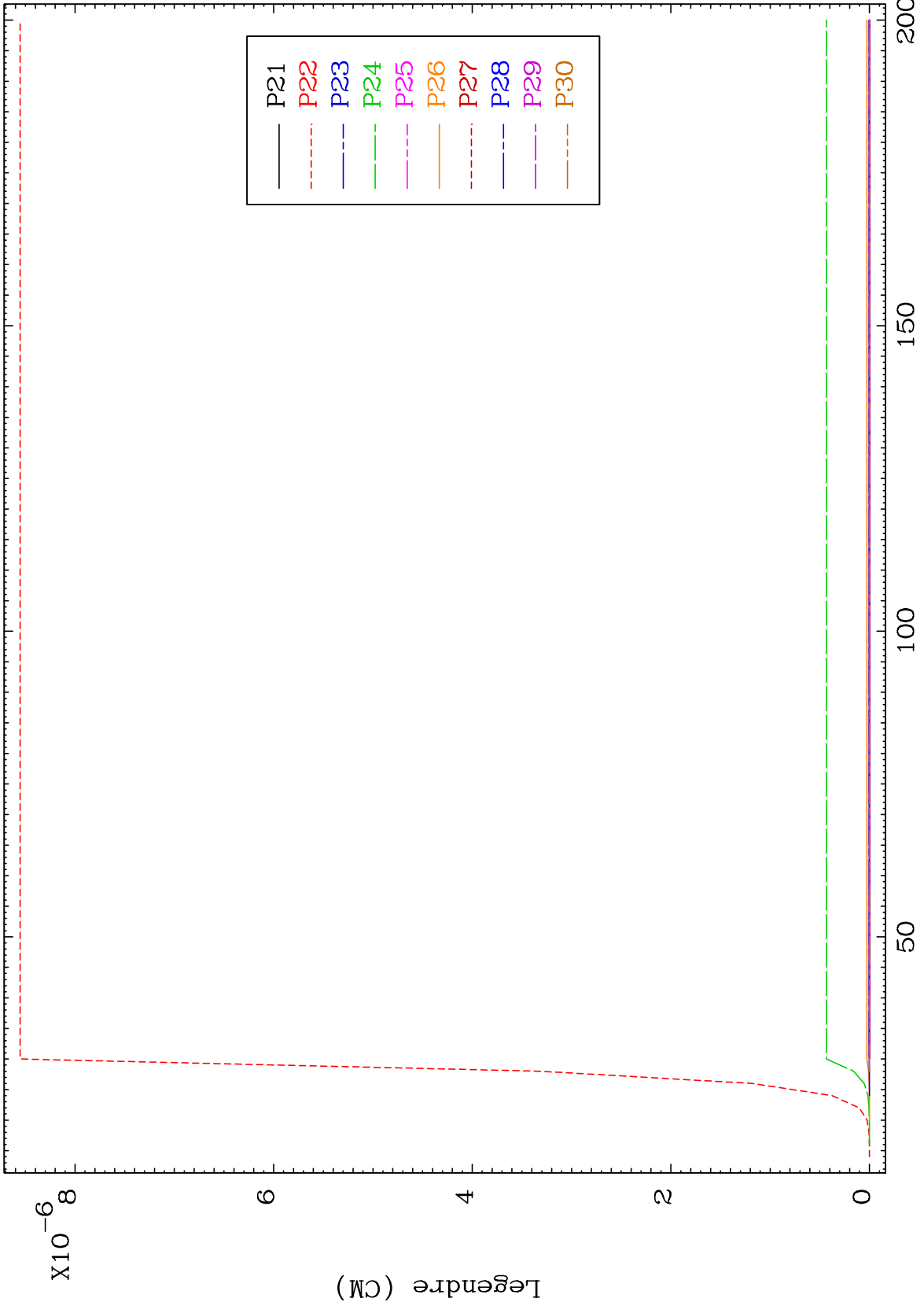


52

Incident Energy (MeV)

62-Sm-146

MAT 6231 MT= 59 (n,n') Level Legendre Coefficients 62-Sm-146

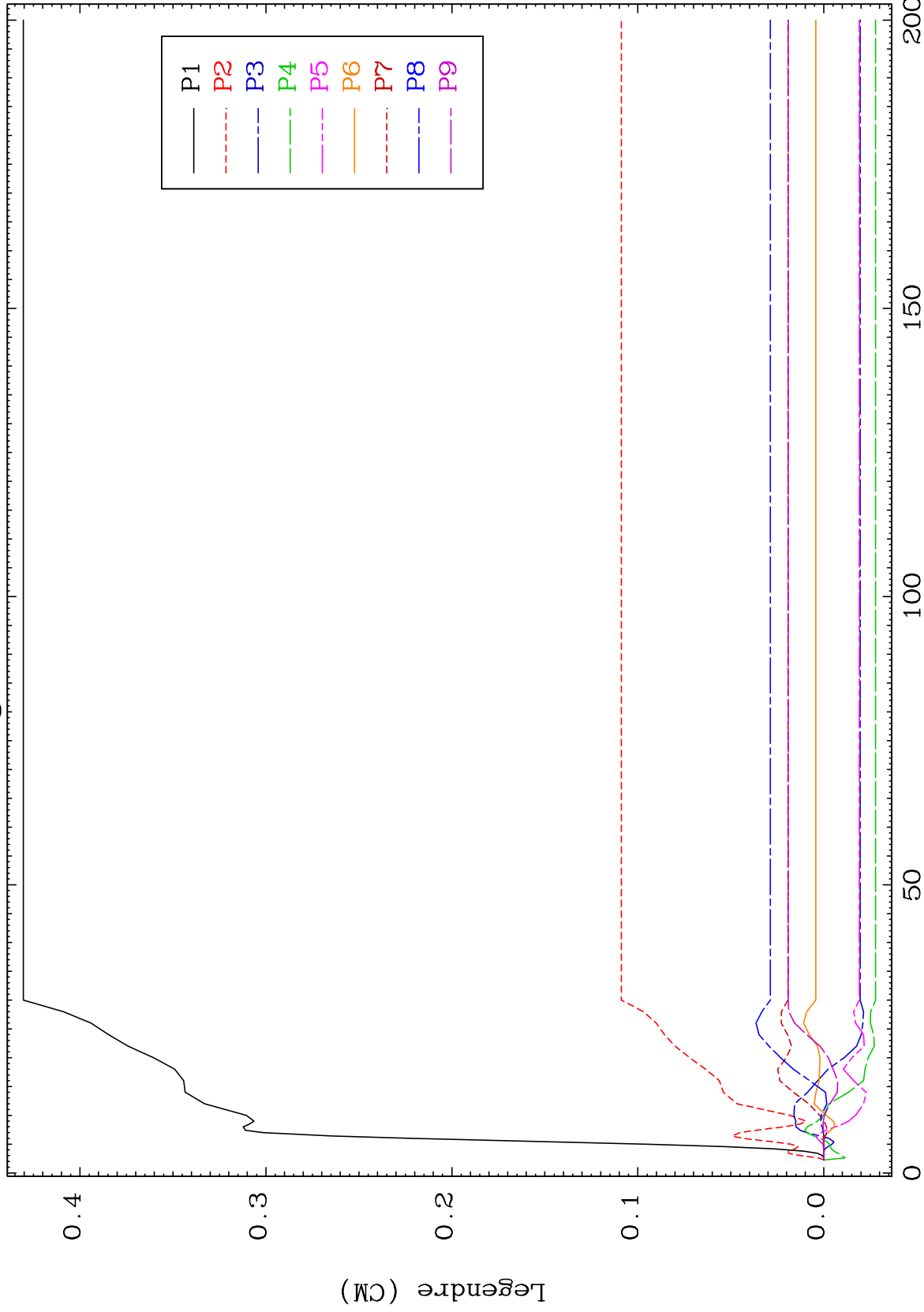


53 Incident Energy (MeV) 62-Sm-146

MAT 6231

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

62-Sm-146



54

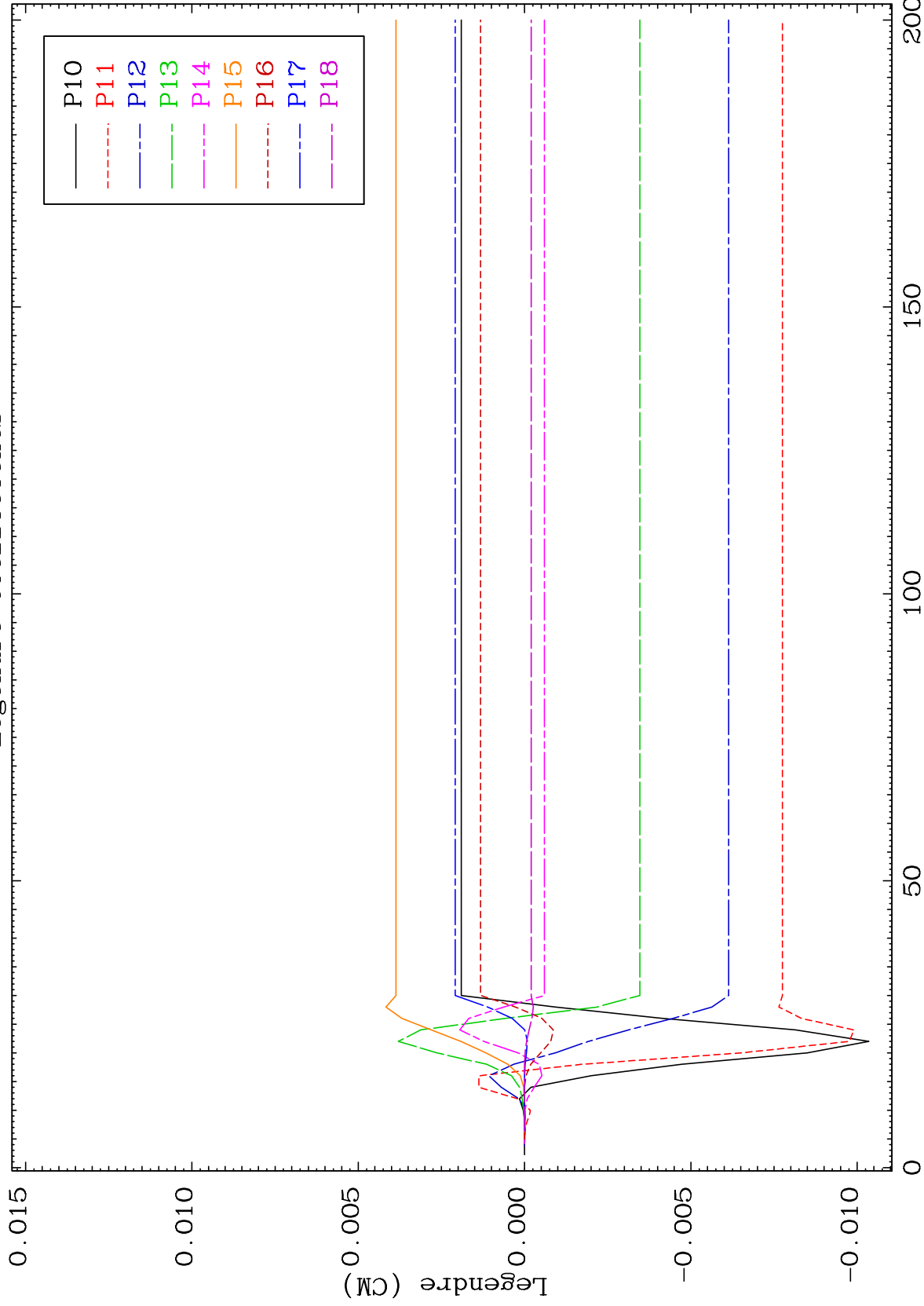
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146

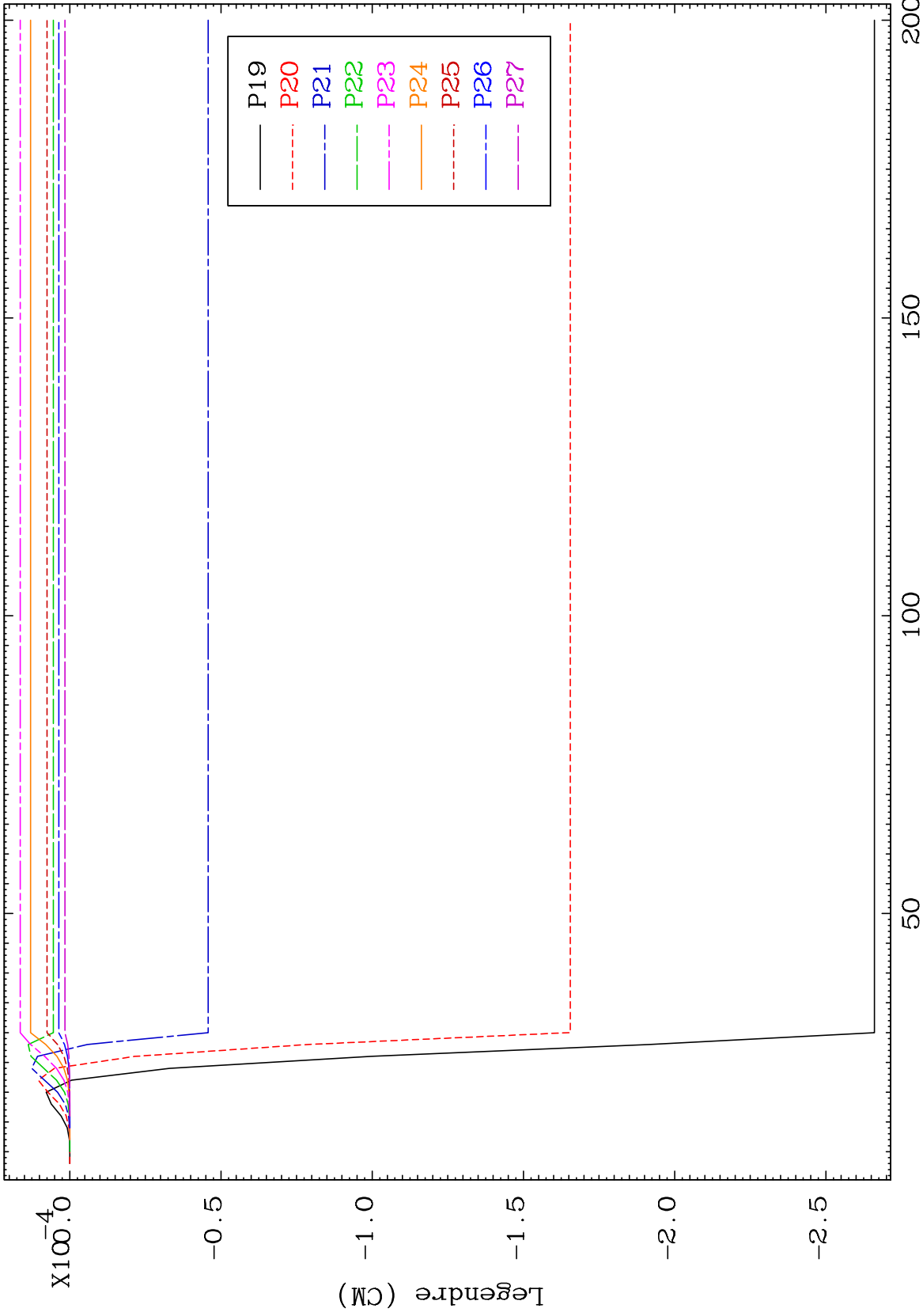


55

Incident Energy (MeV)

62-Sm-146

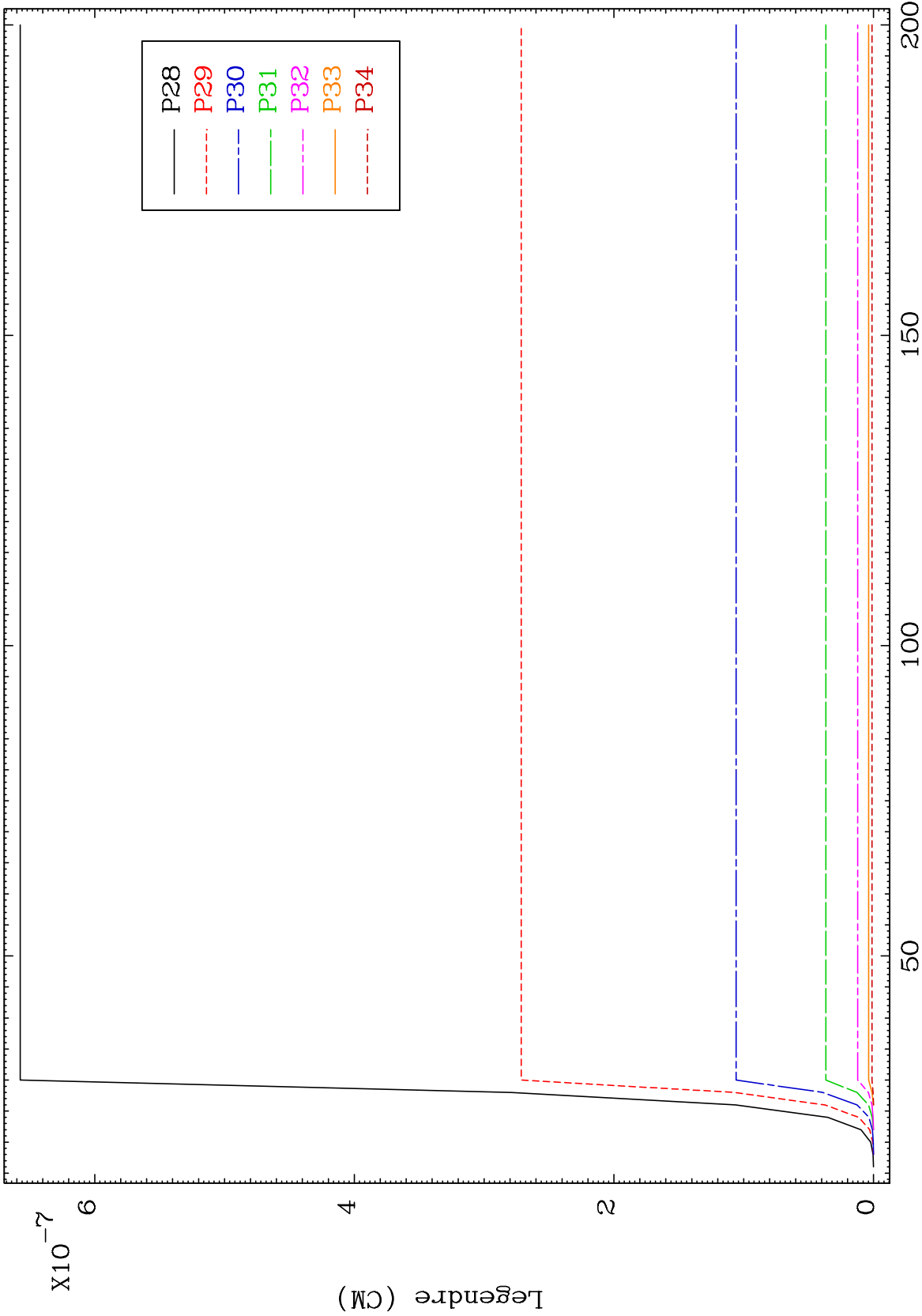
MAT 6231 MT= 60 (n,n') Level Legendre Coefficients



MAT 6231

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

62-Sm-146

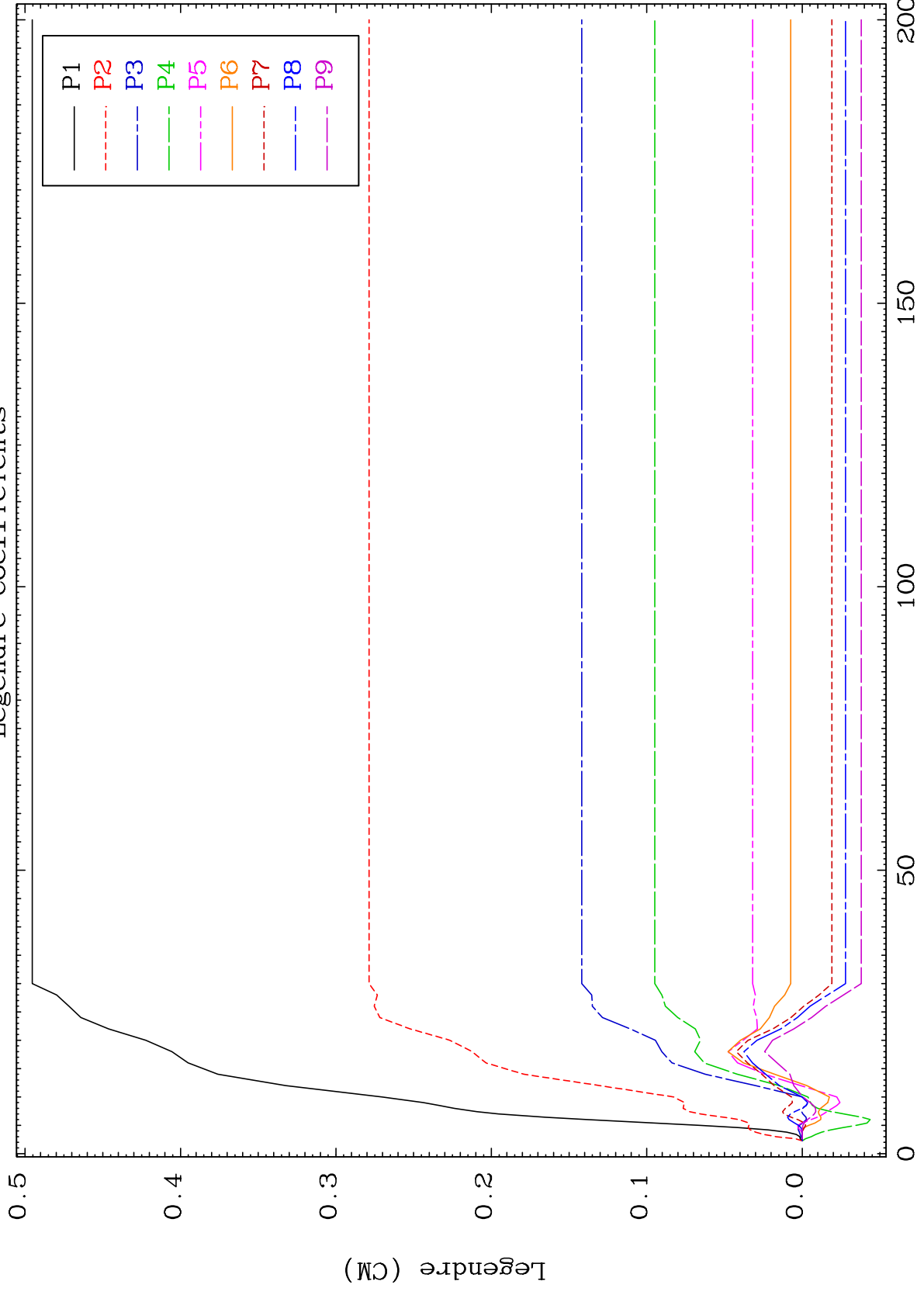


57

Incident Energy (MeV)

62-Sm-146

MAT 6231 MT= 61 (n,n') Level Legendre Coefficients 62-Sm-146

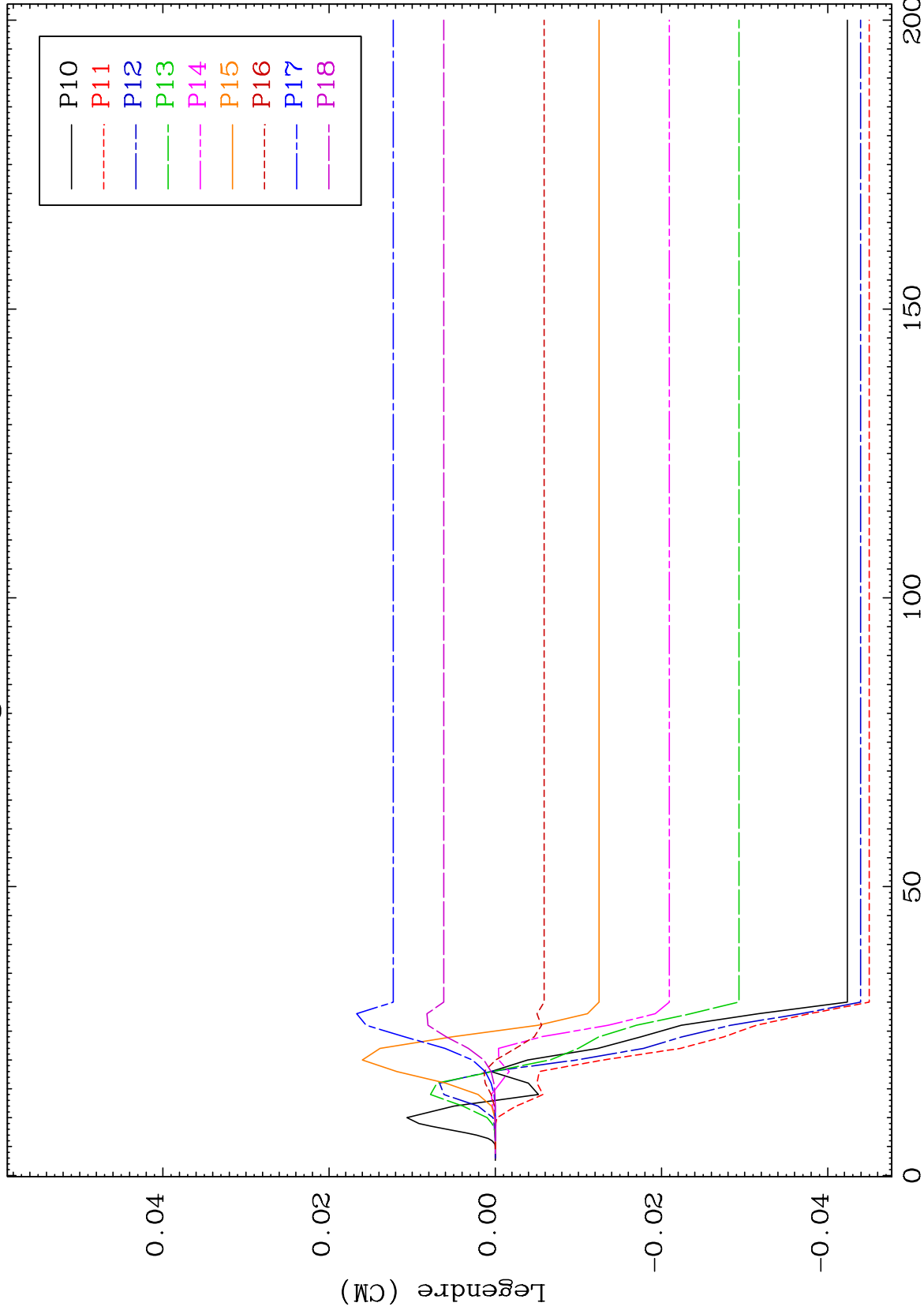


58 62-Sm-146

MAT 6231

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

62-Sm-146



59

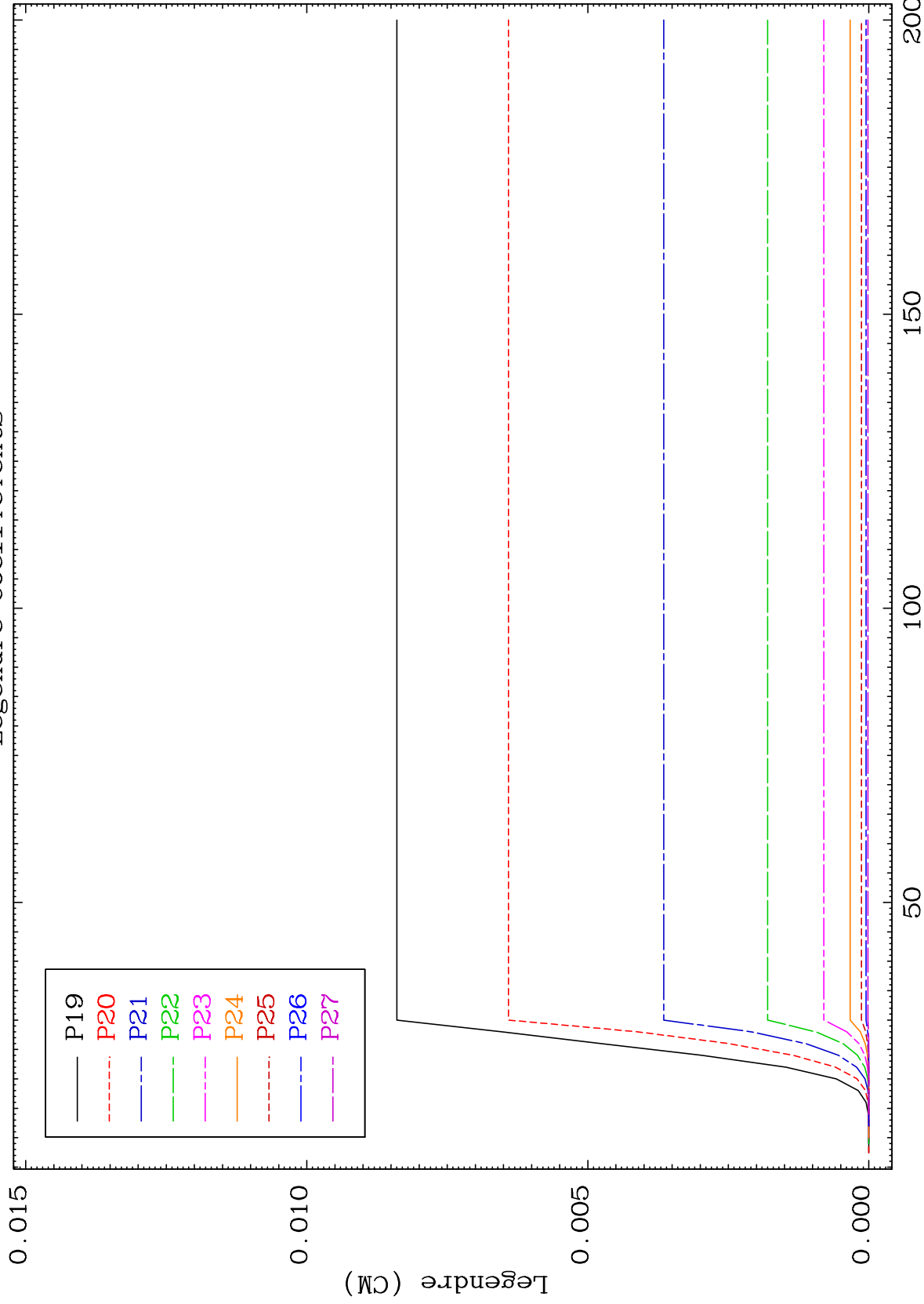
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



60

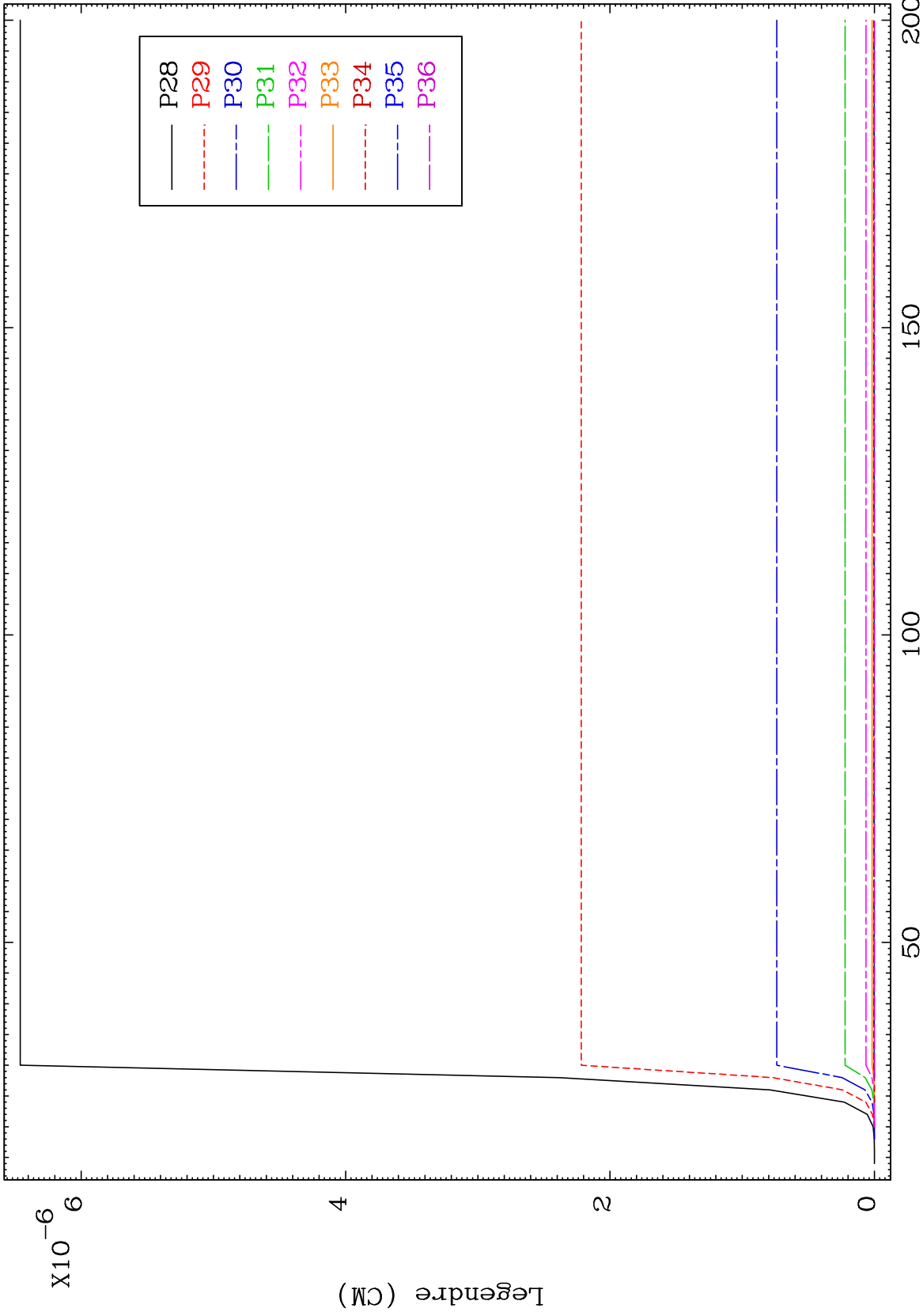
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



61

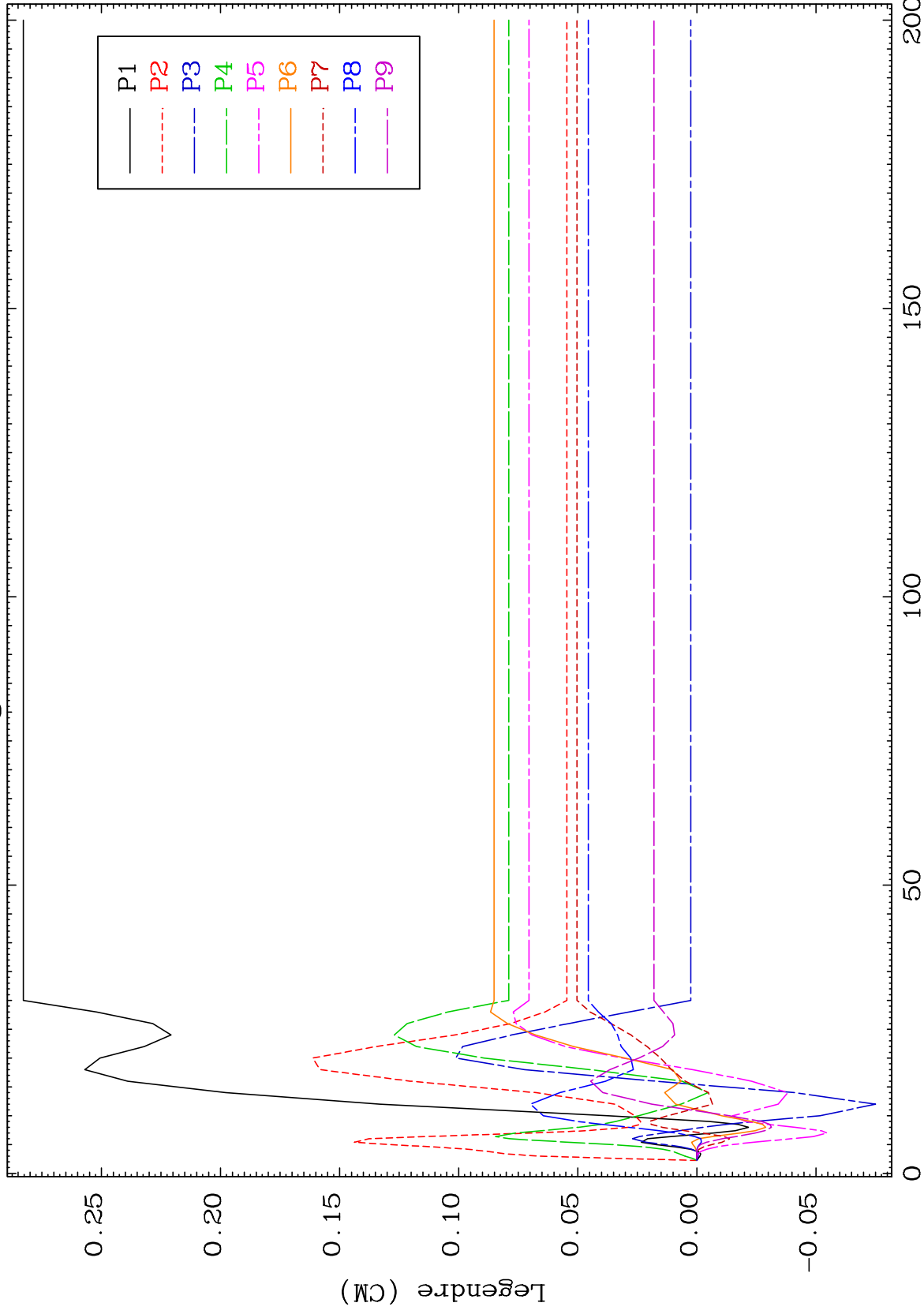
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



62

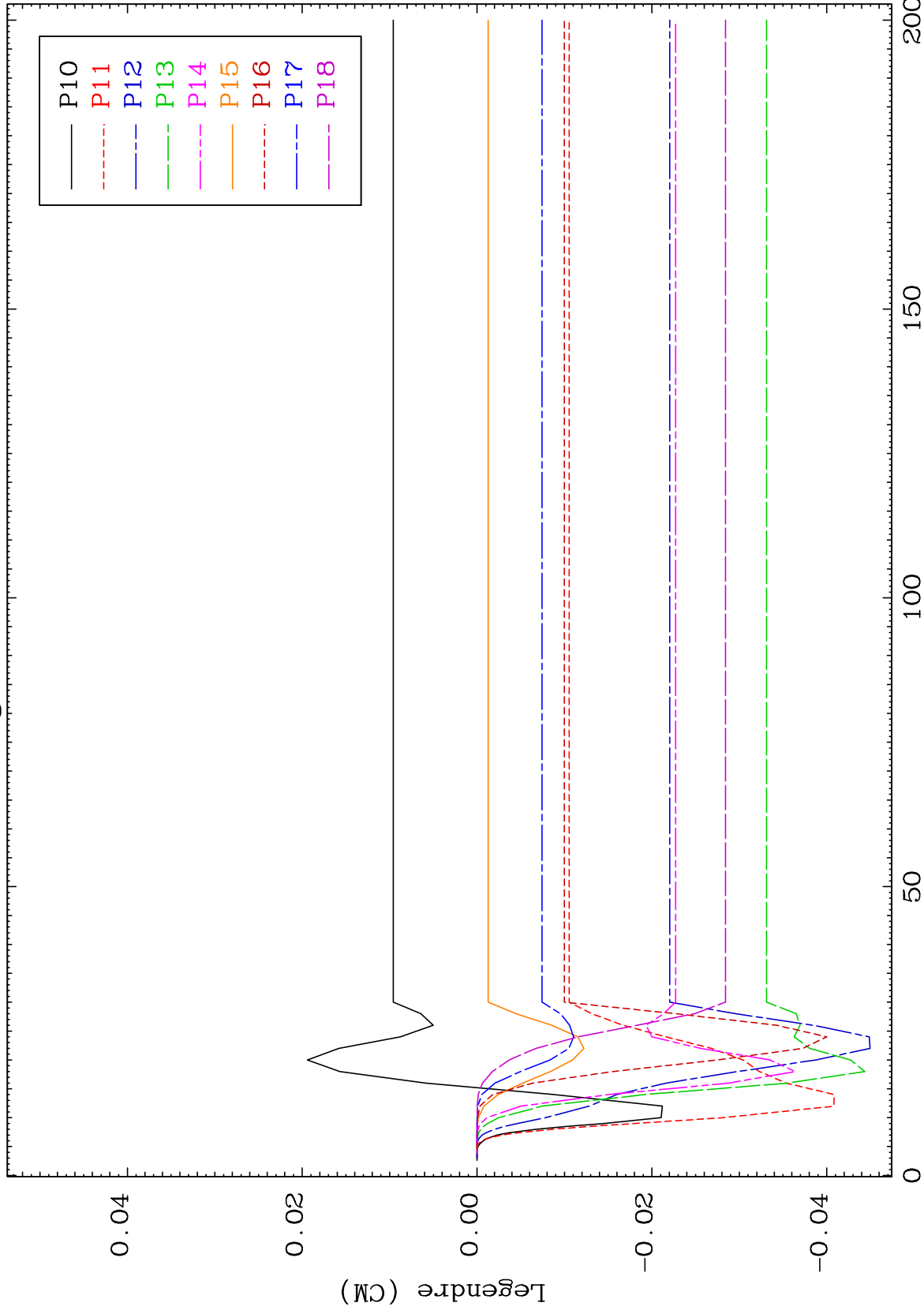
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146

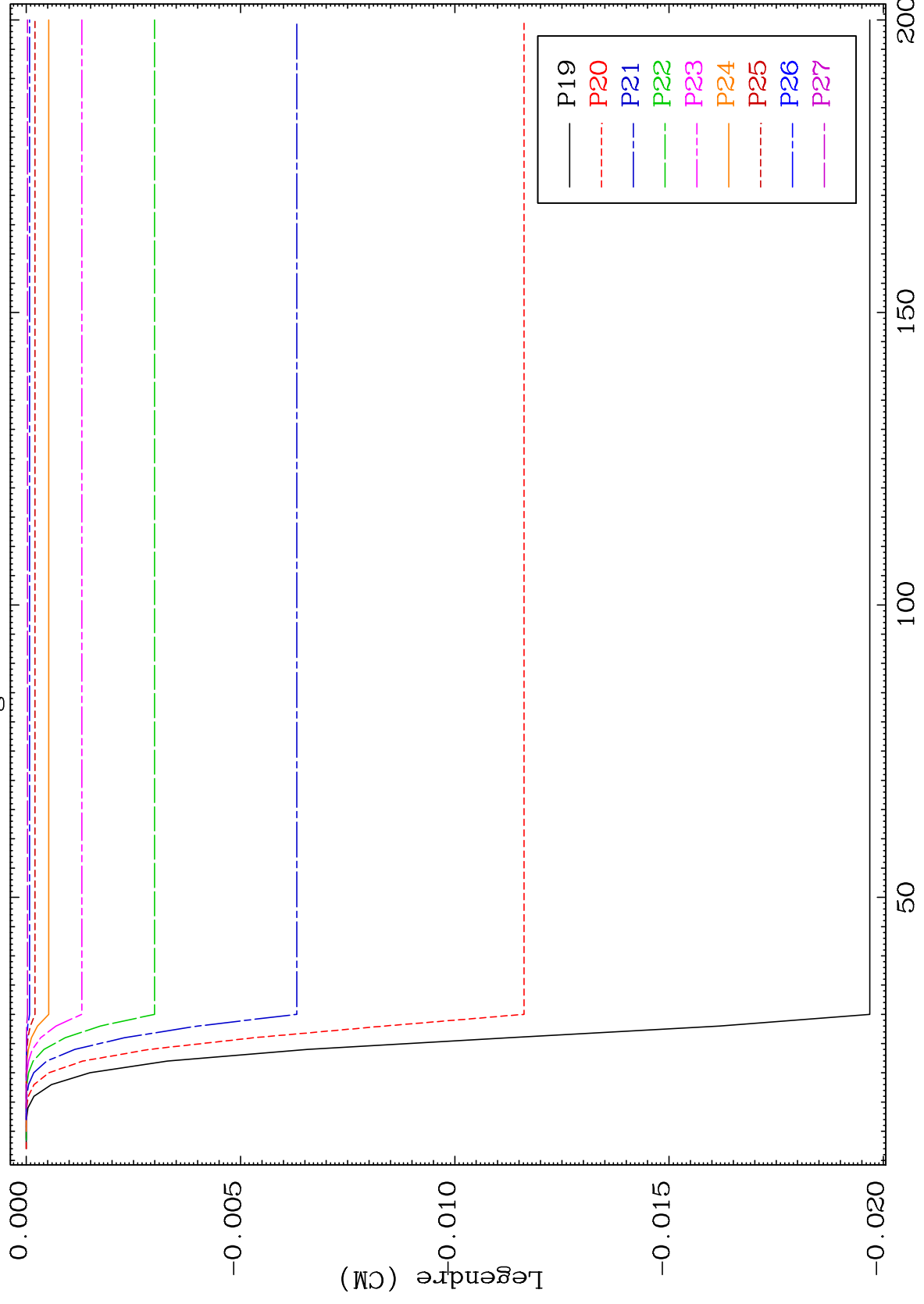


63

Incident Energy (MeV)

62-Sm-146

MAT 6231 MT= 62 (n,n') Level Legendre Coefficients 62-Sm-146

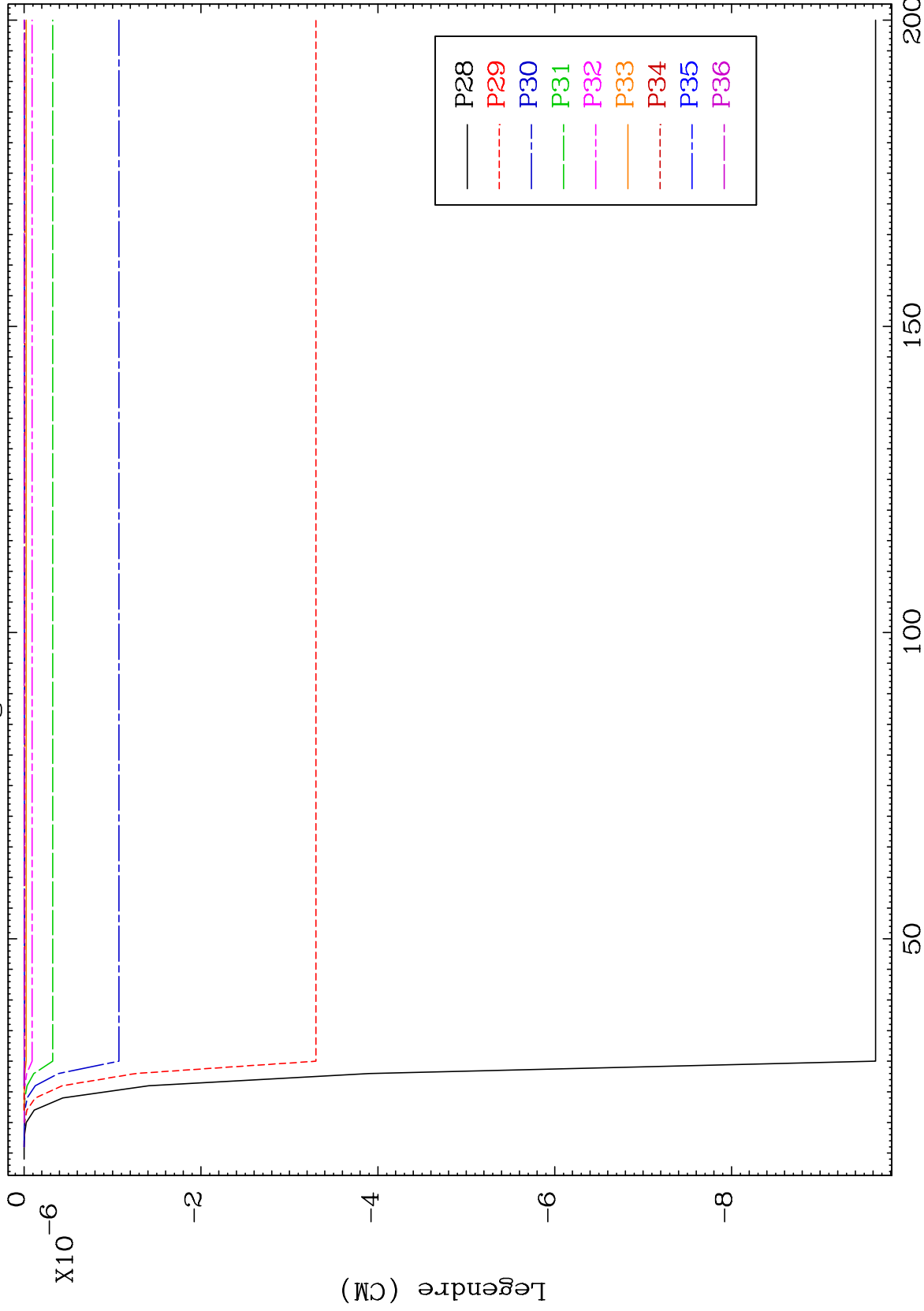


64 62-Sm-146

MAT 6231

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

62-Sm-146



62-Sm-146

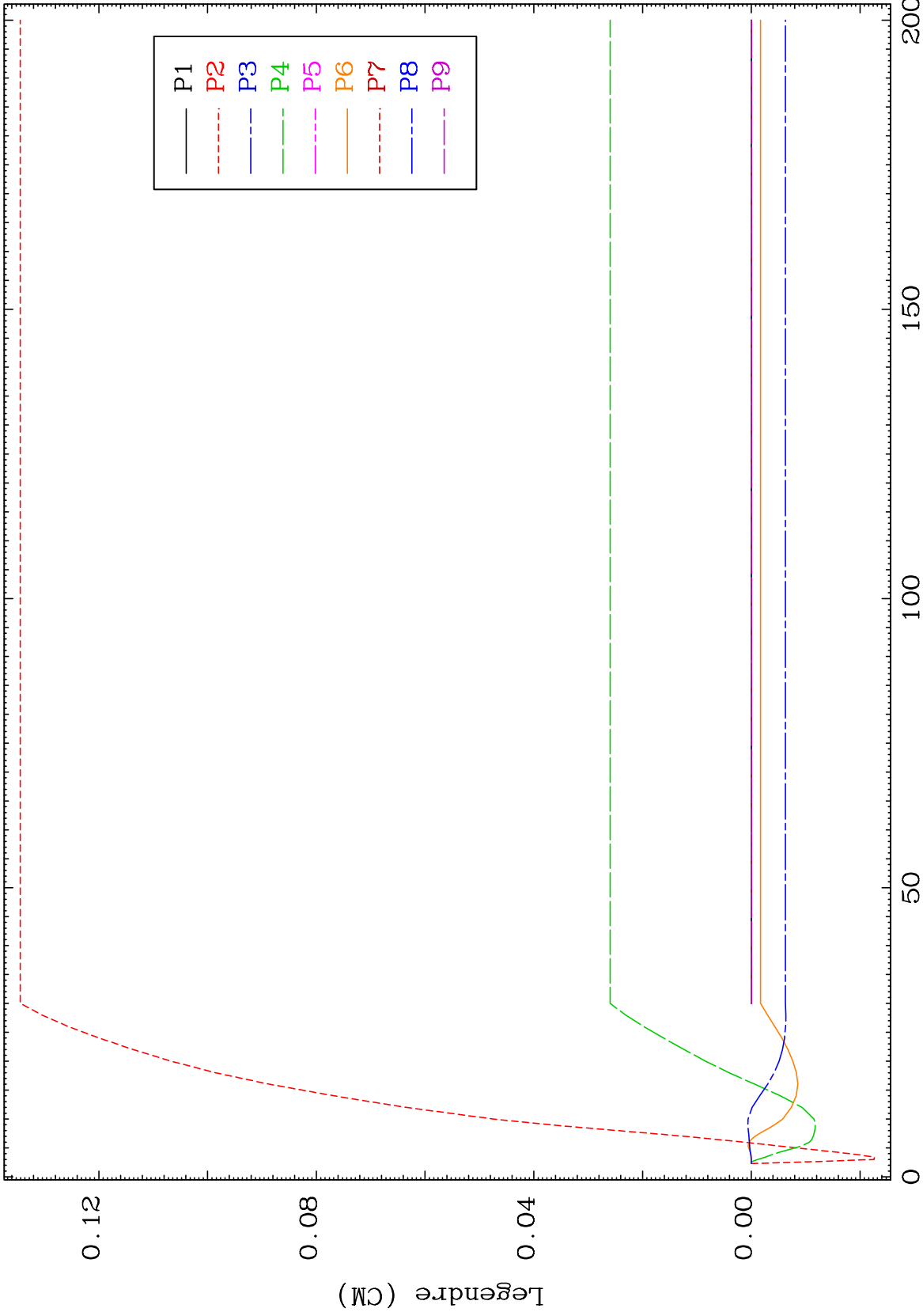
Incident Energy (MeV)

65

MAT 6231

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

62-Sm-146



66

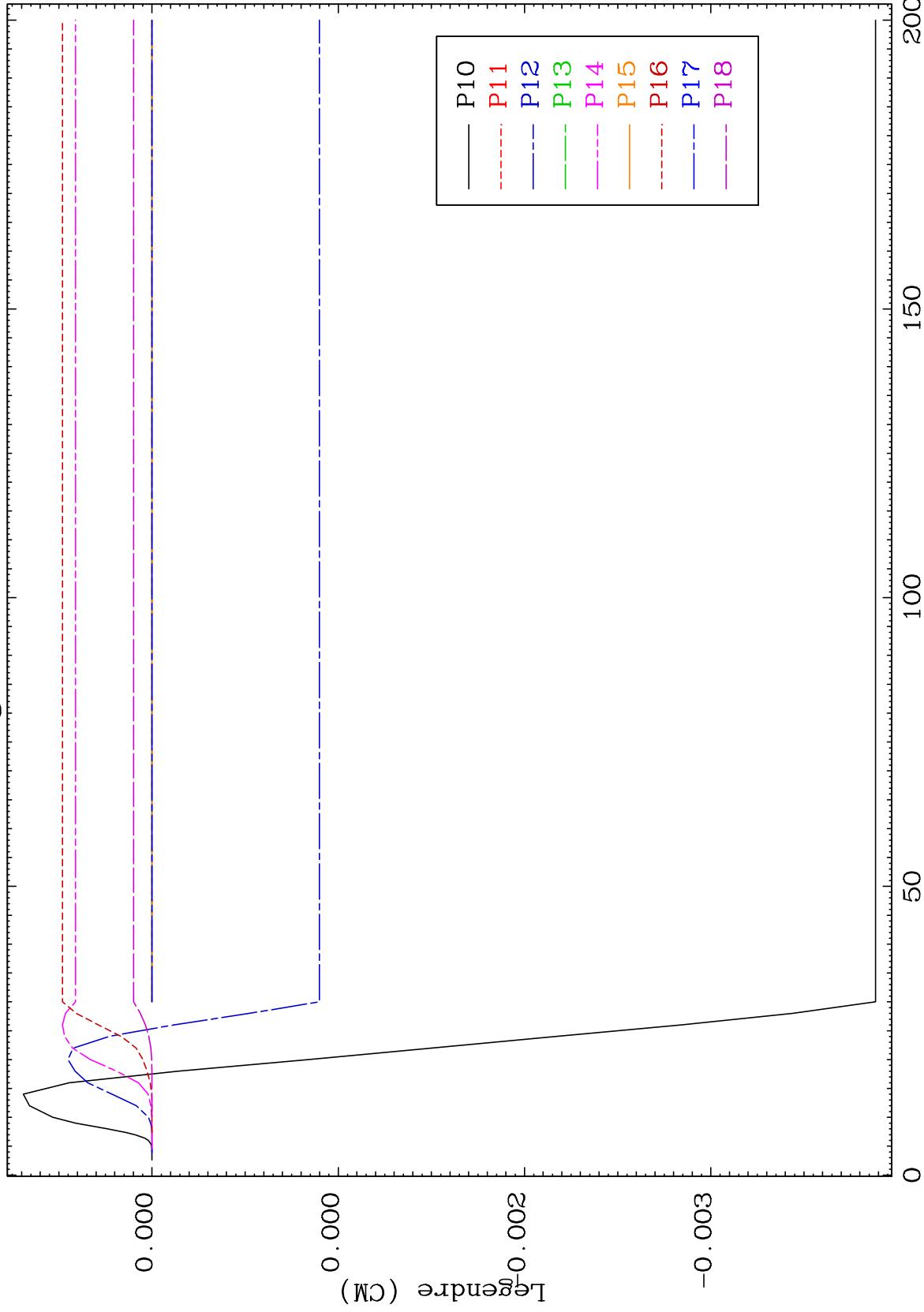
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



67

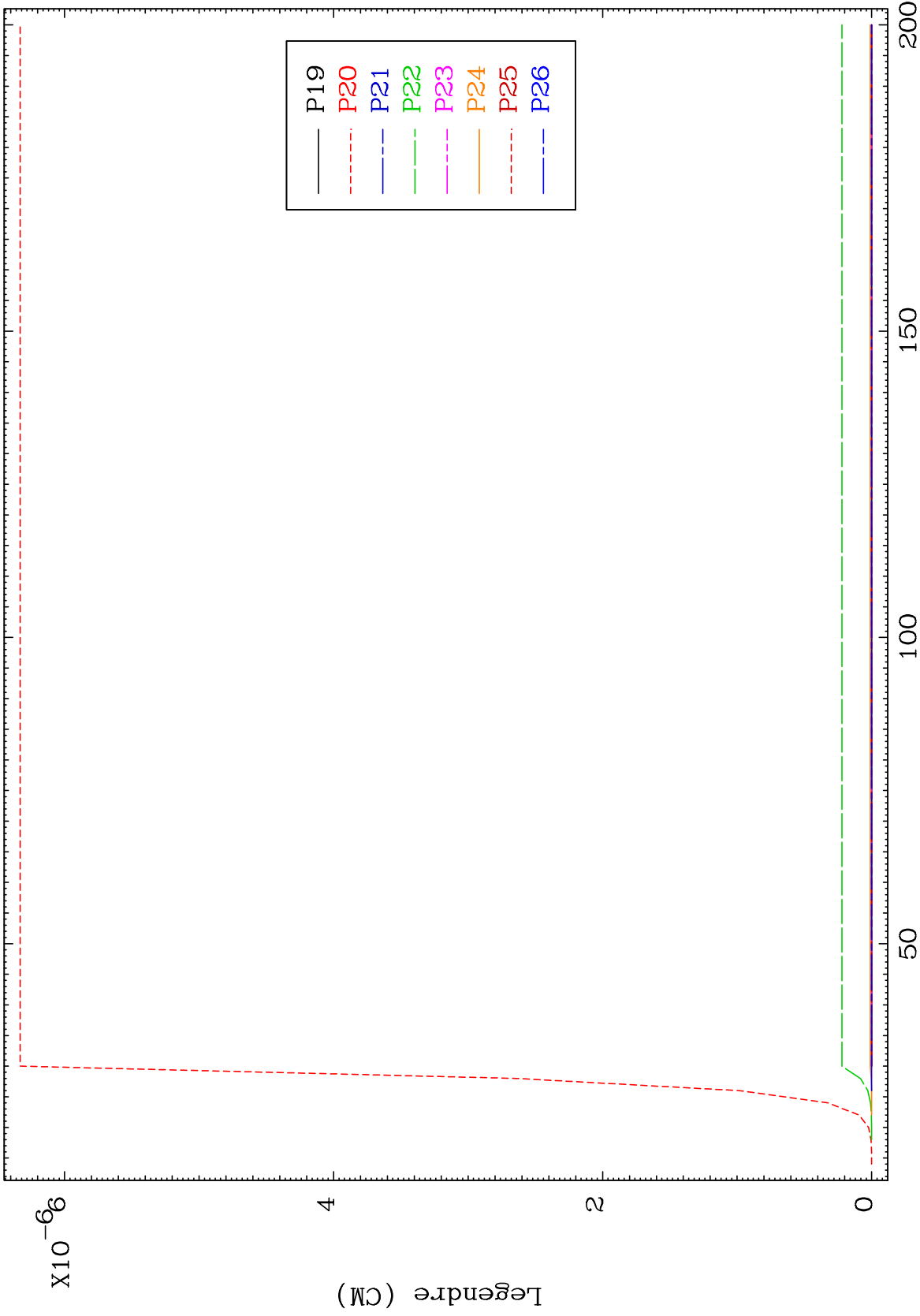
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



68

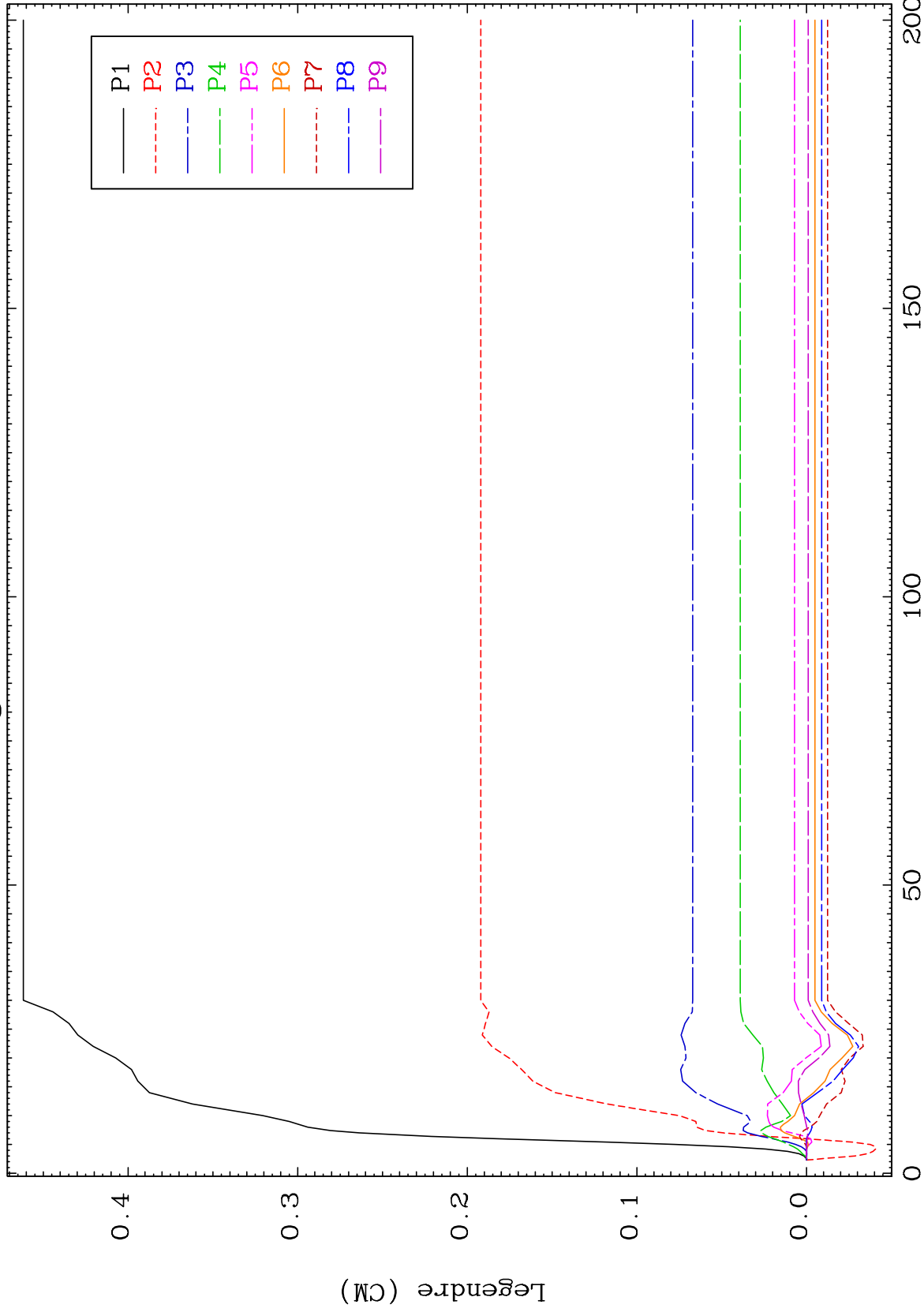
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



69

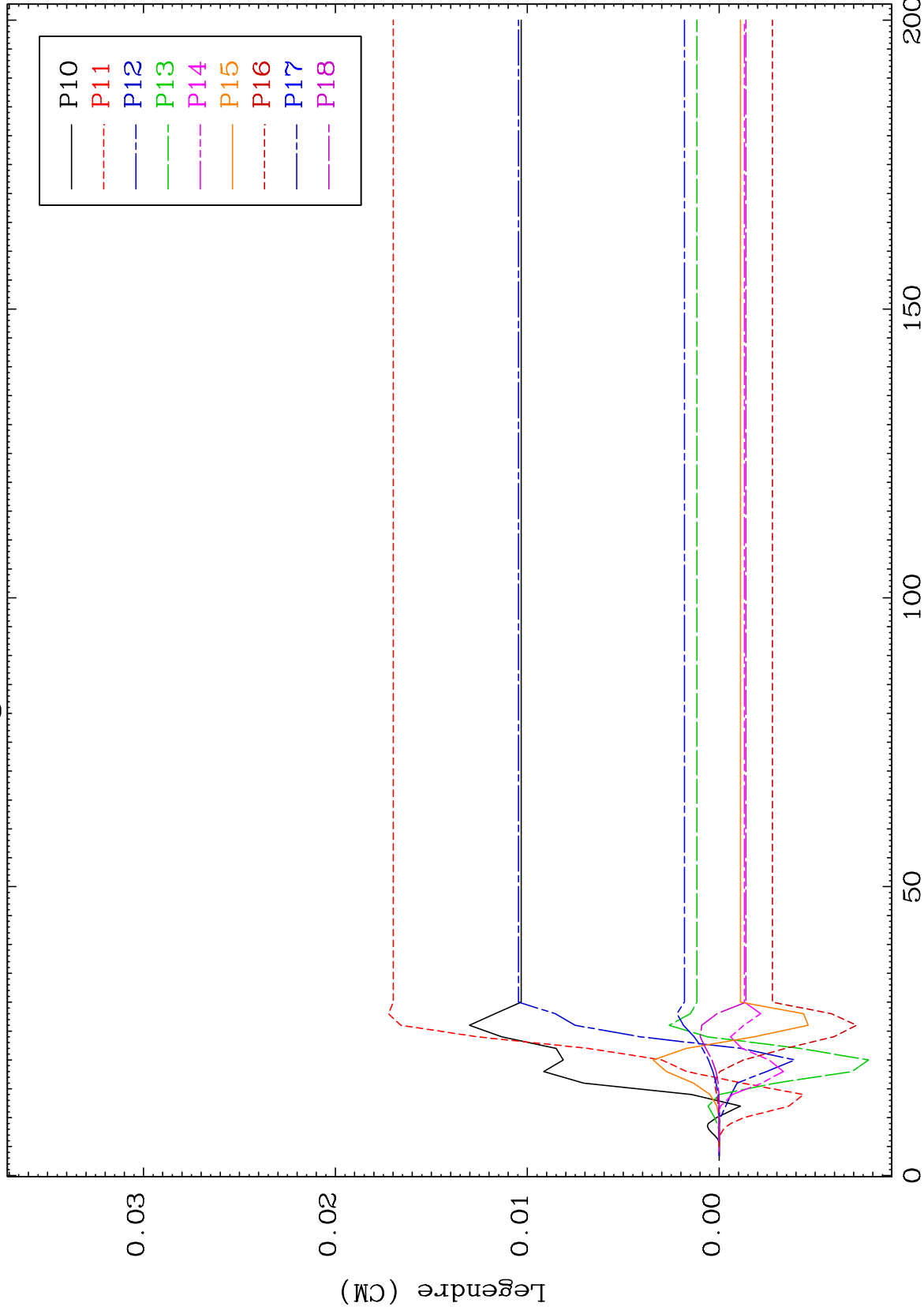
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



70

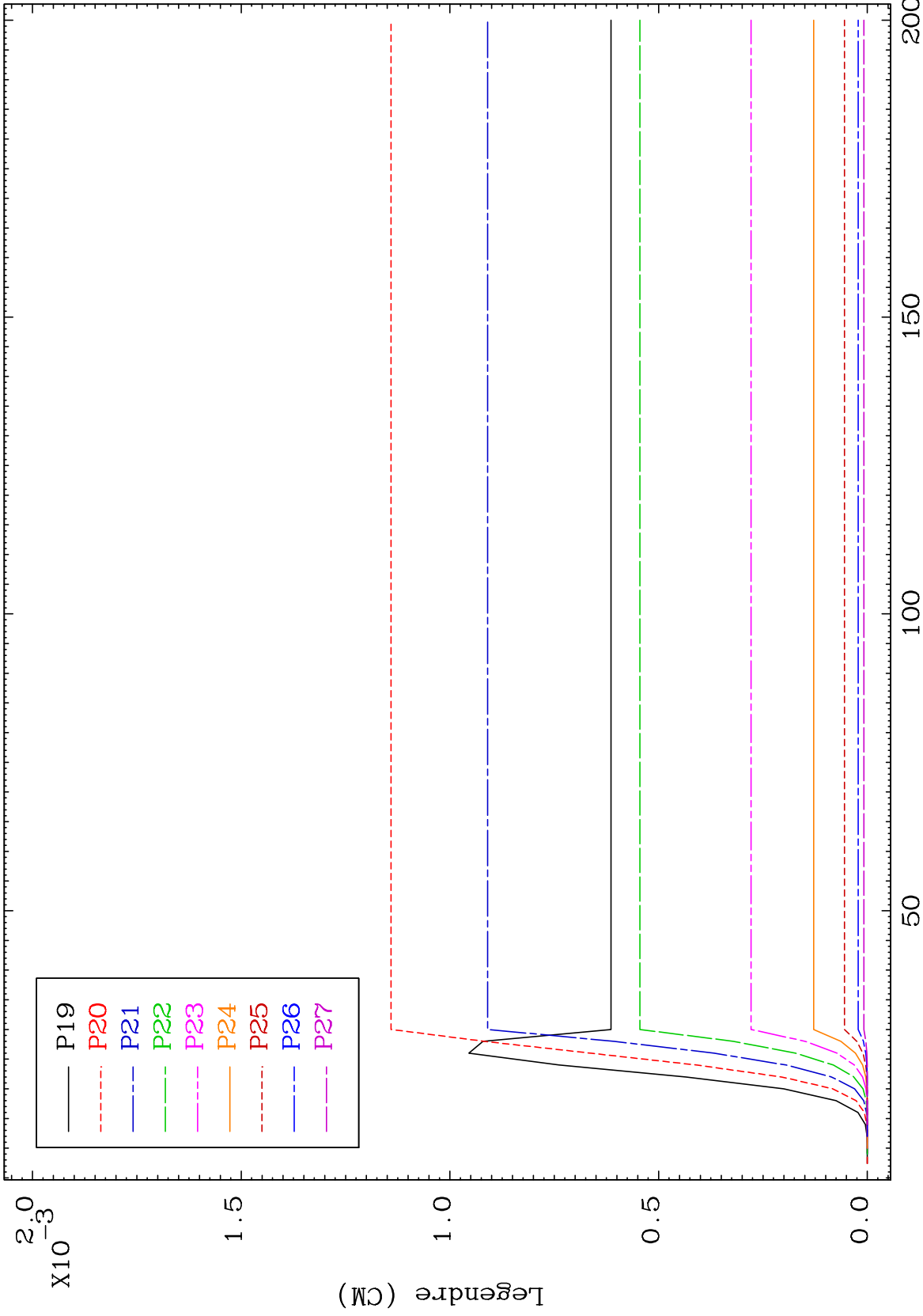
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



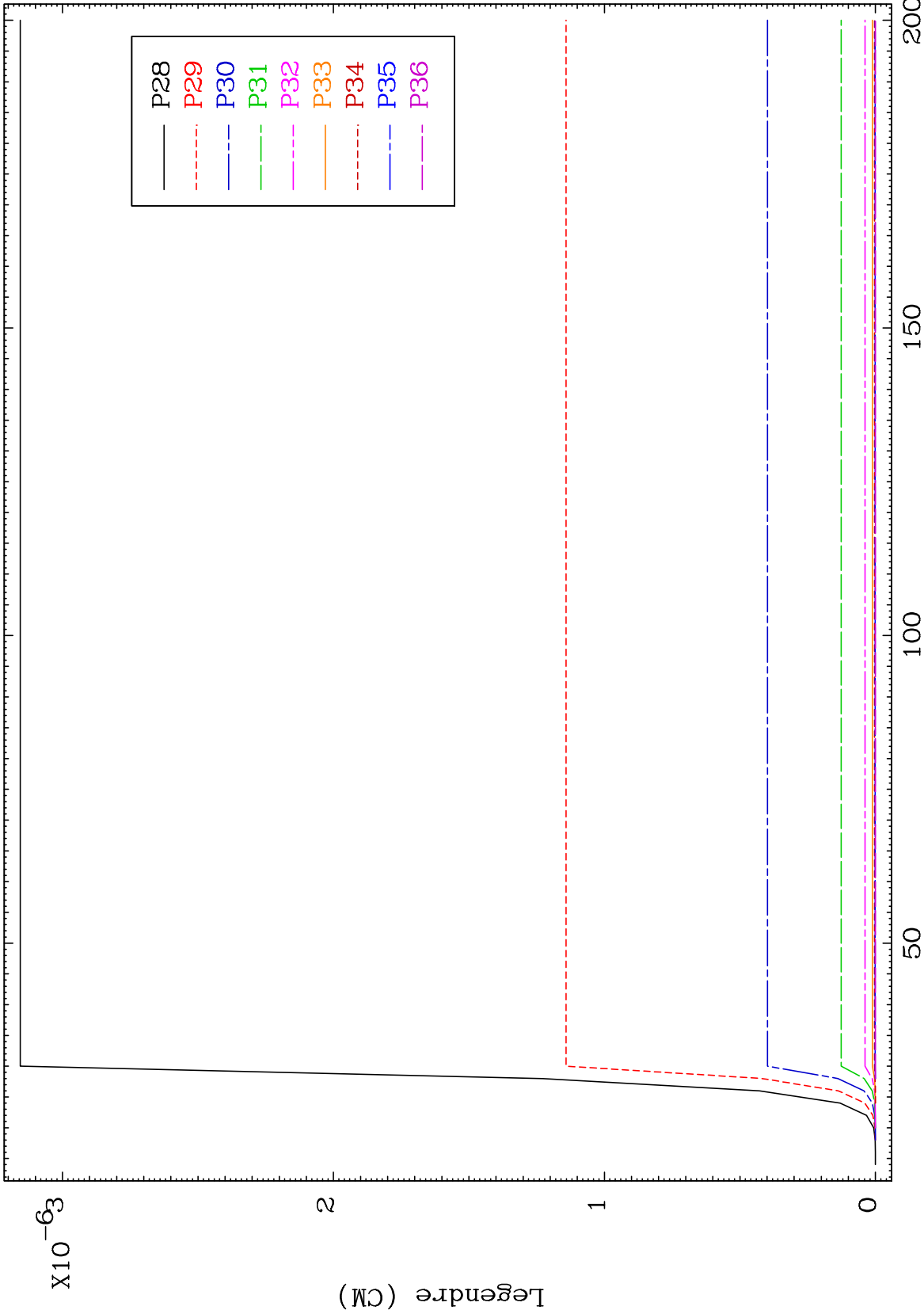
71

62-Sm-146

MAT 6231

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

62-Sm-146



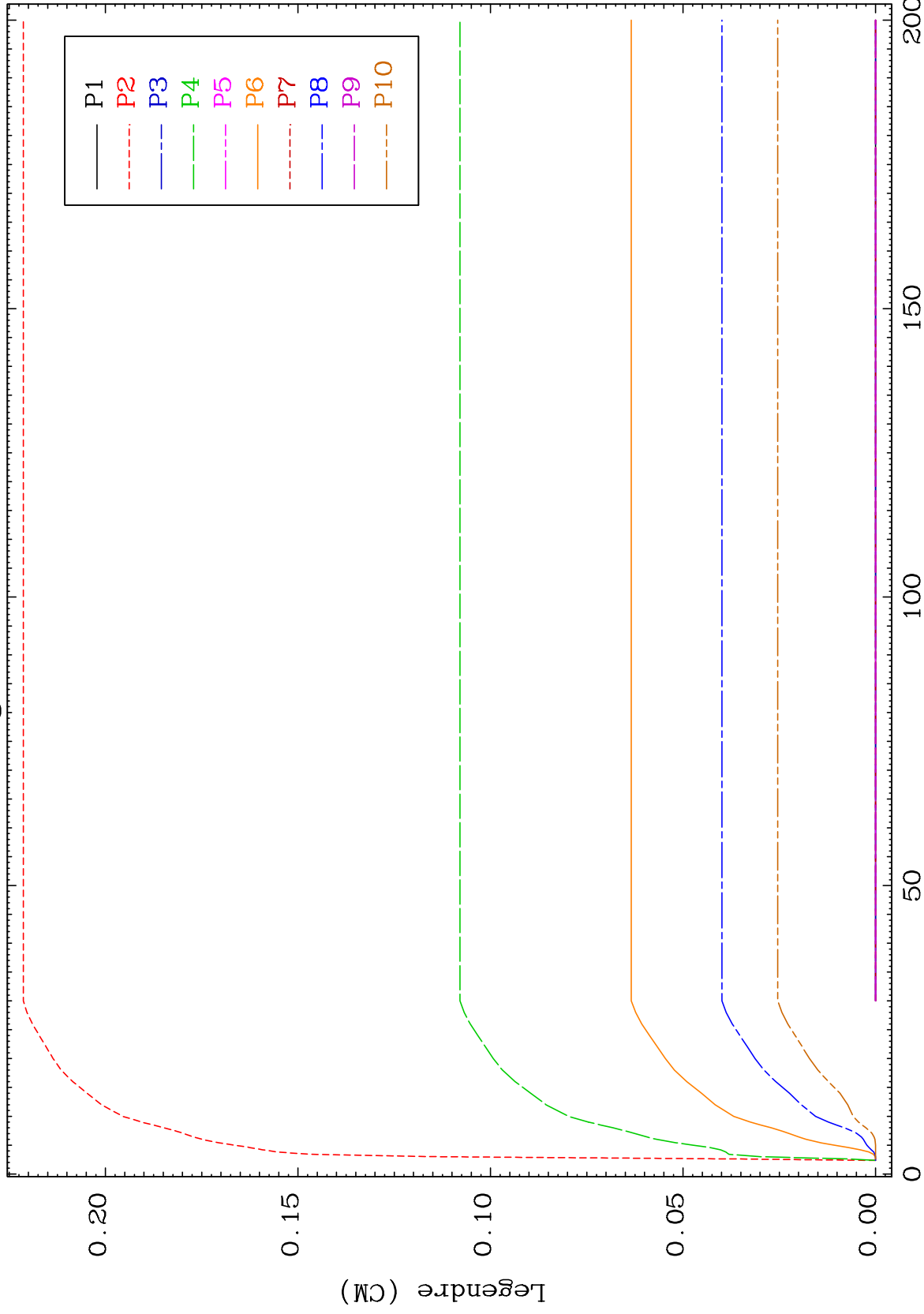
72

62-Sm-146

MAT 6231

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

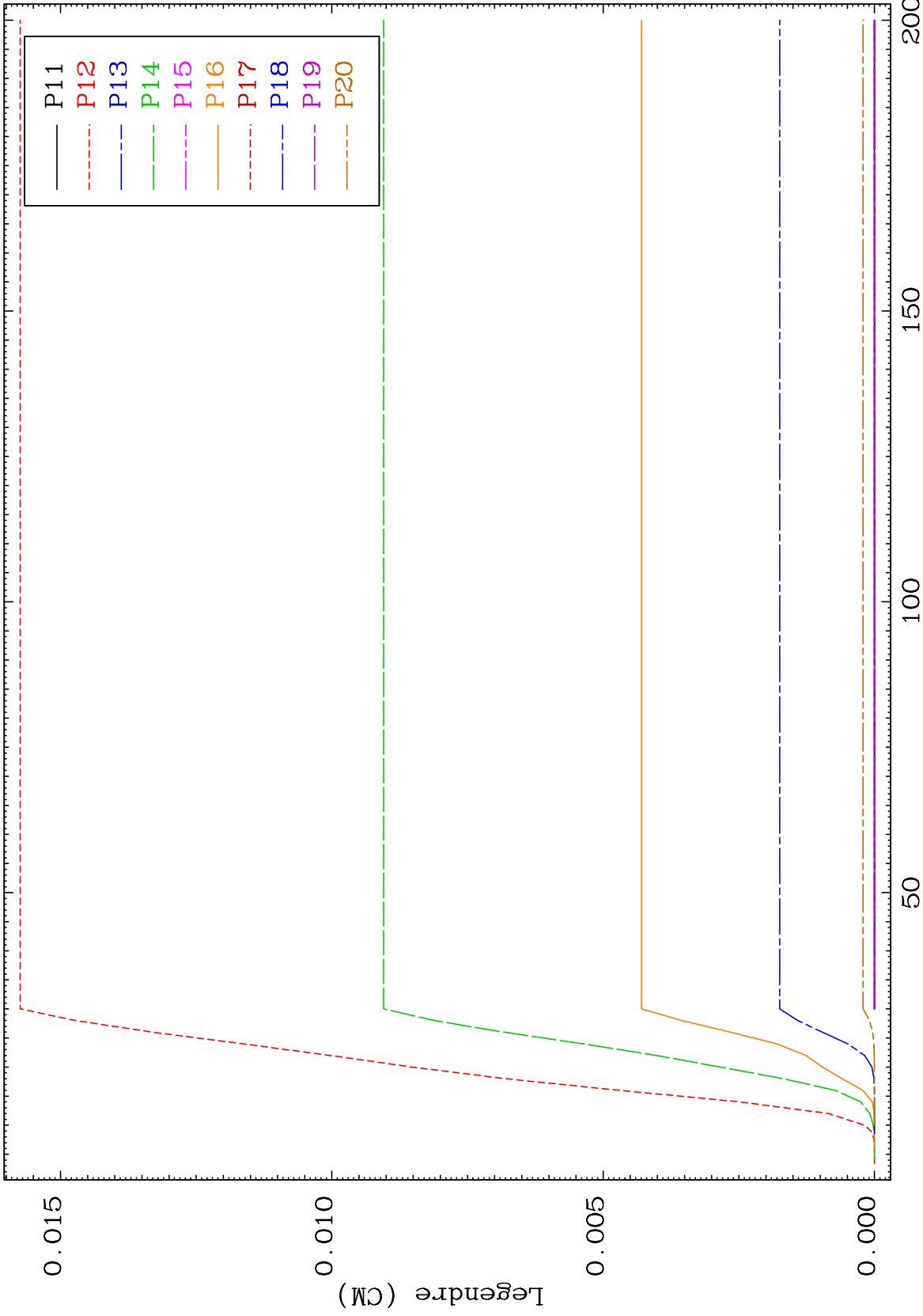
62-Sm-146



MAT 6231

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

62-Sm-146



74

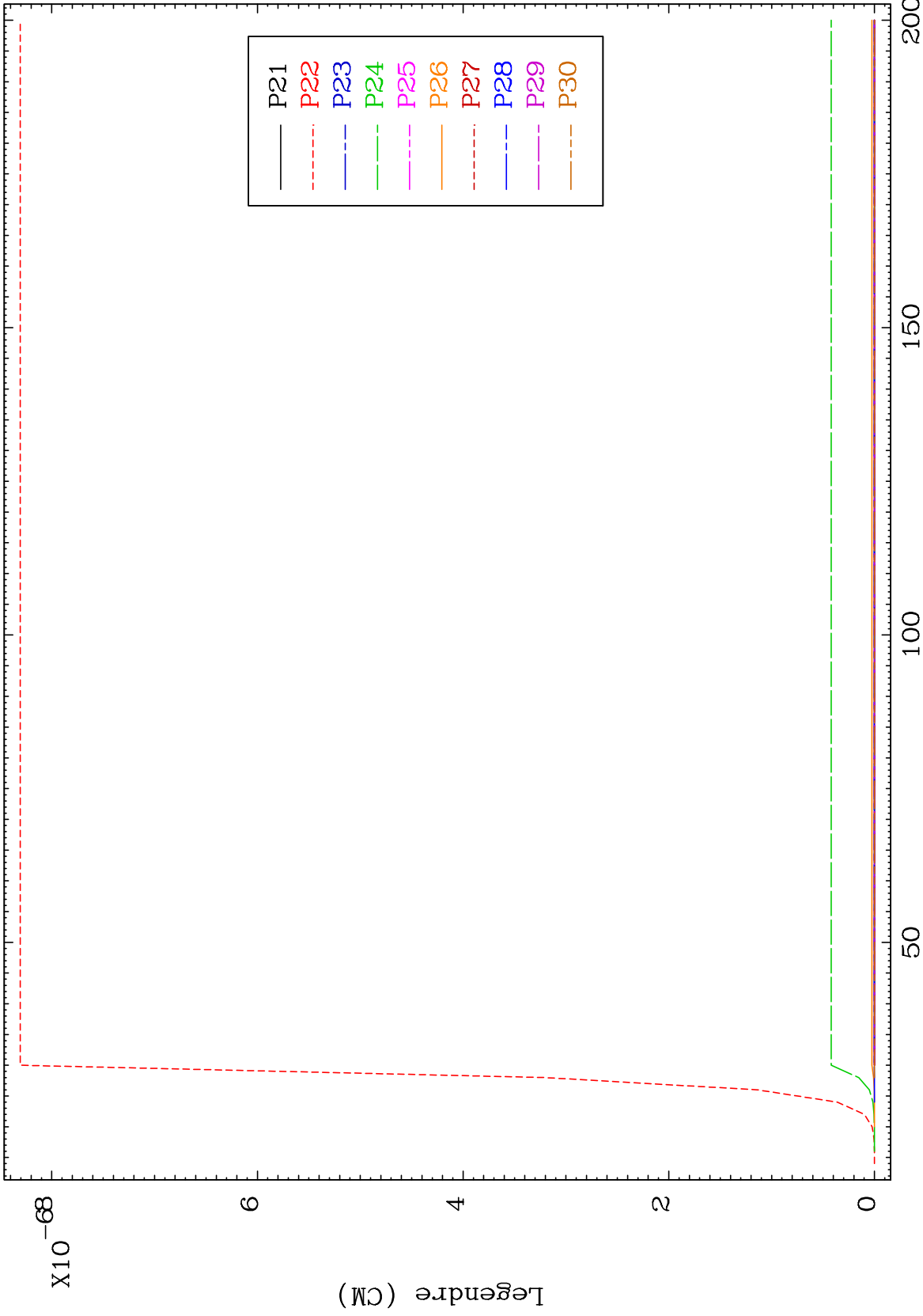
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



62-Sm-146

Incident Energy (MeV)

75

MAT 6231

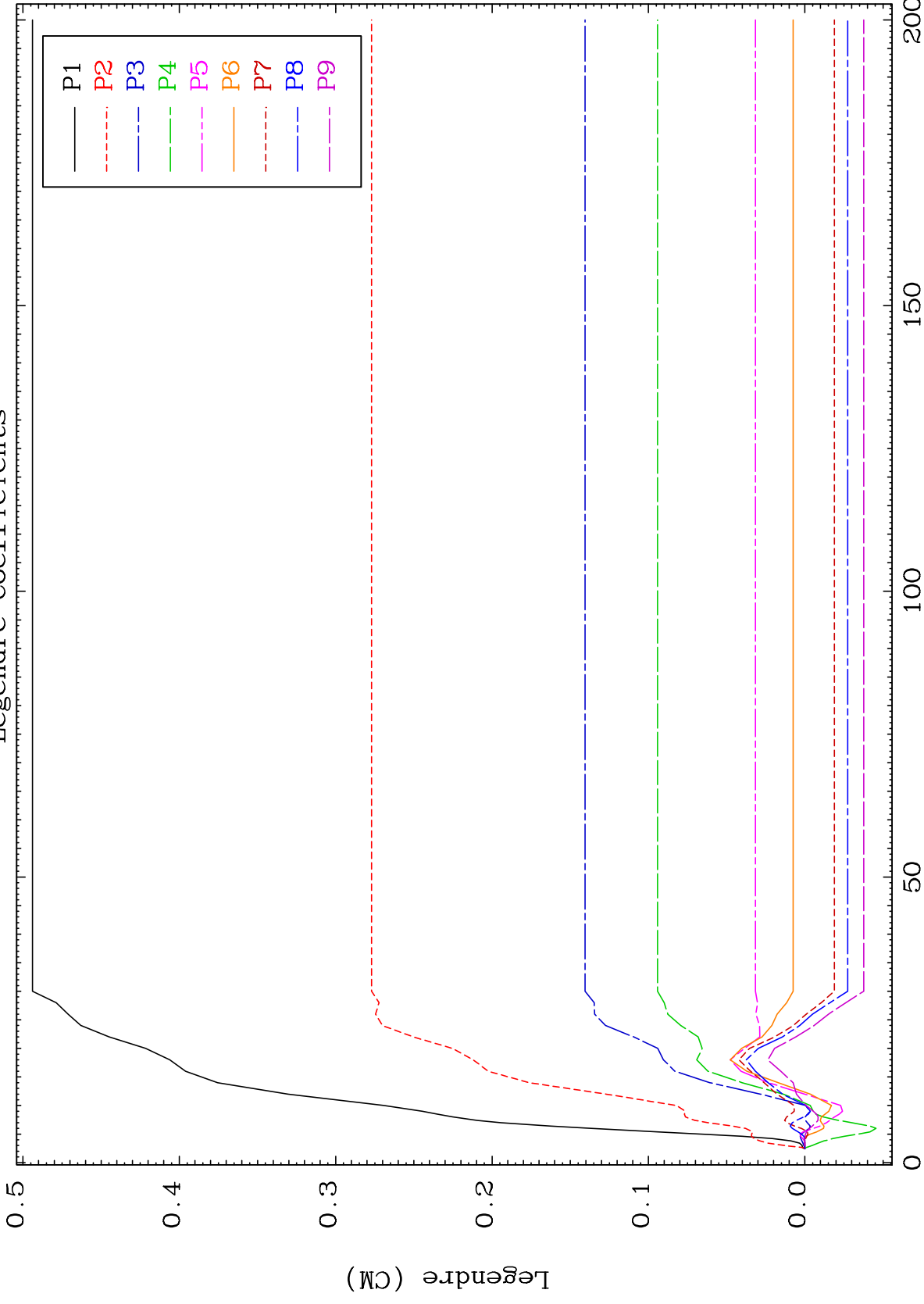
MT= 66 (n,n') Level
Legendre Coefficients

62-Sm-146

62-Sm-146

Incident Energy (MeV)

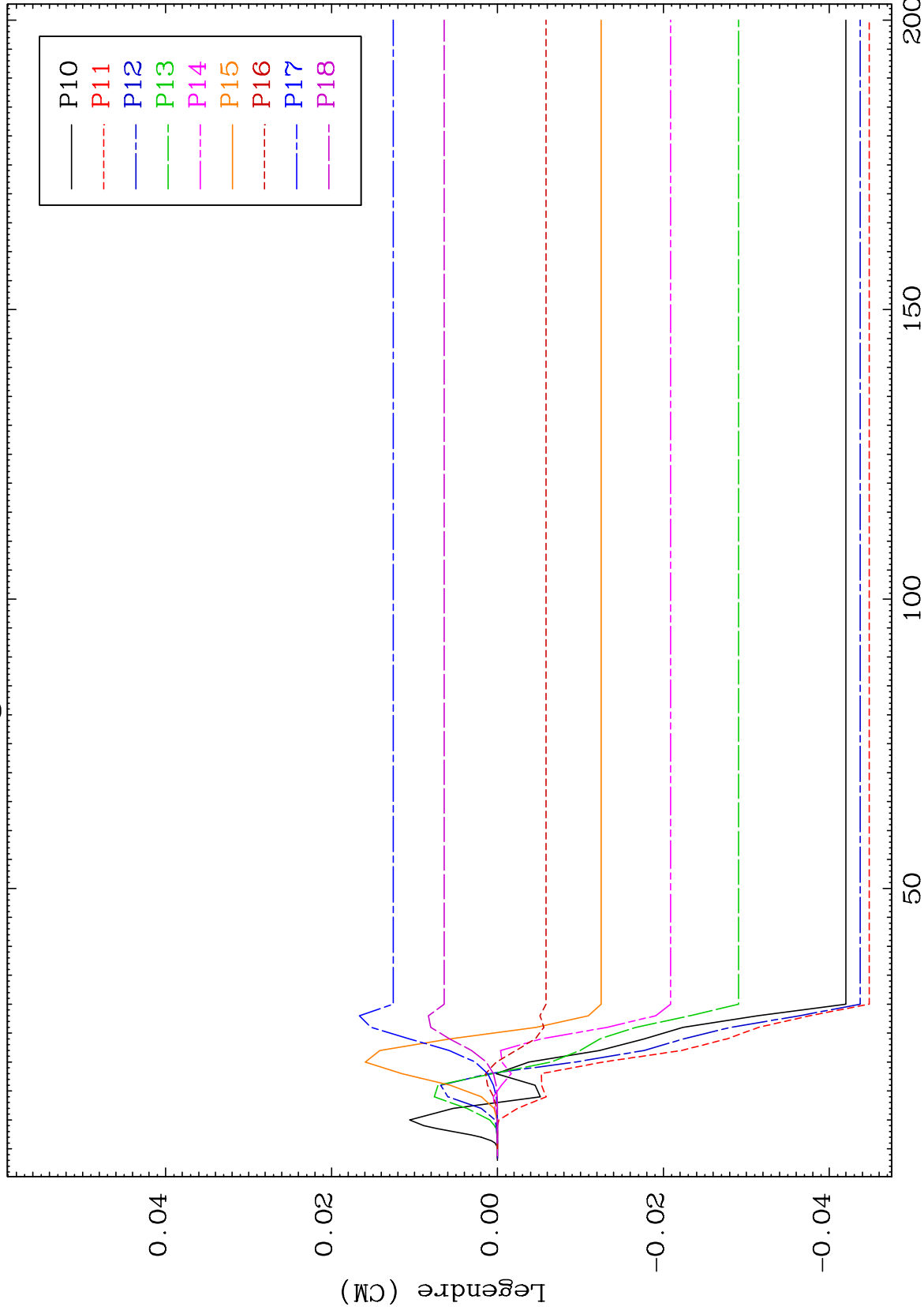
76



MAT 6231

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

62-Sm-146



77

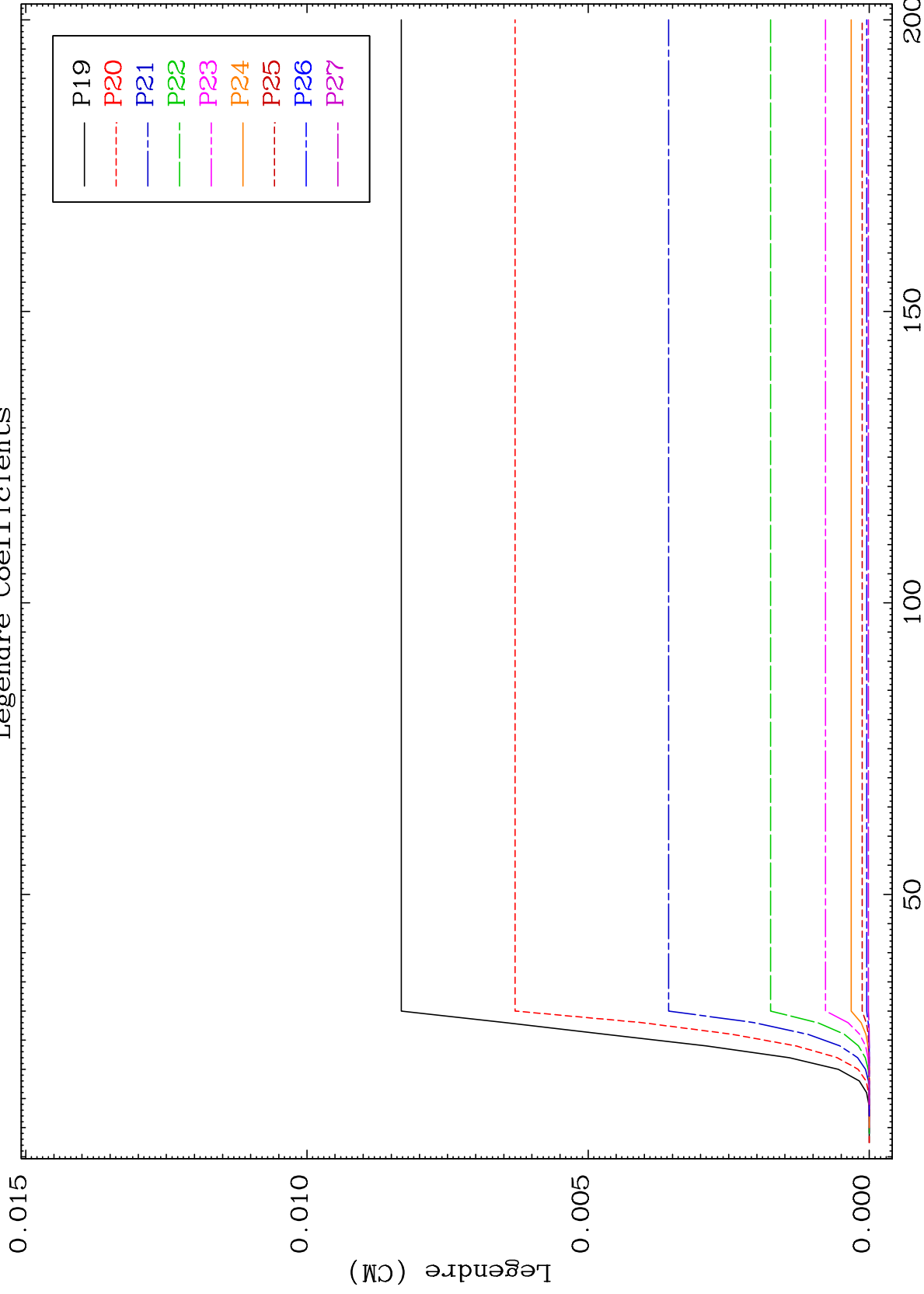
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



78

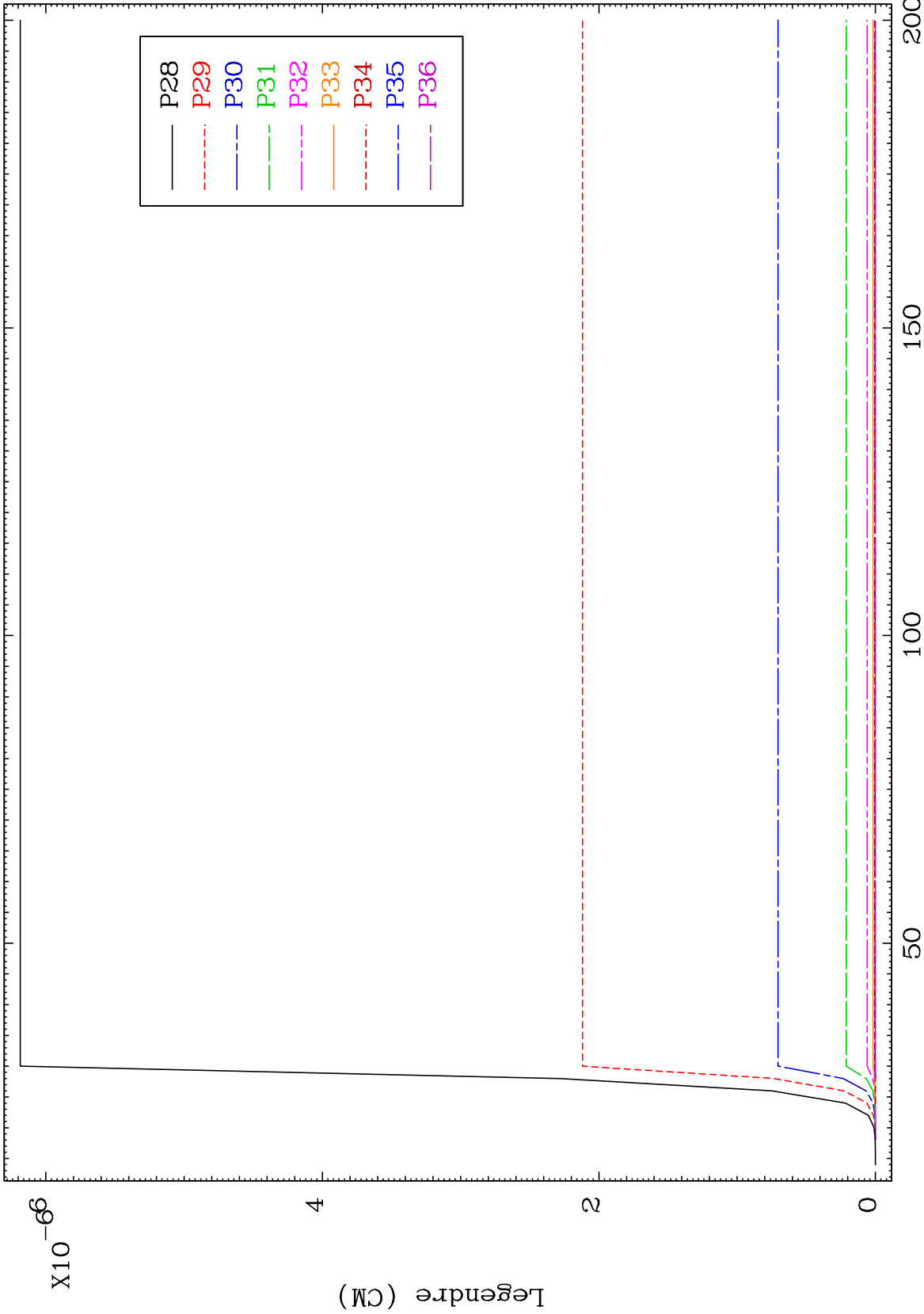
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



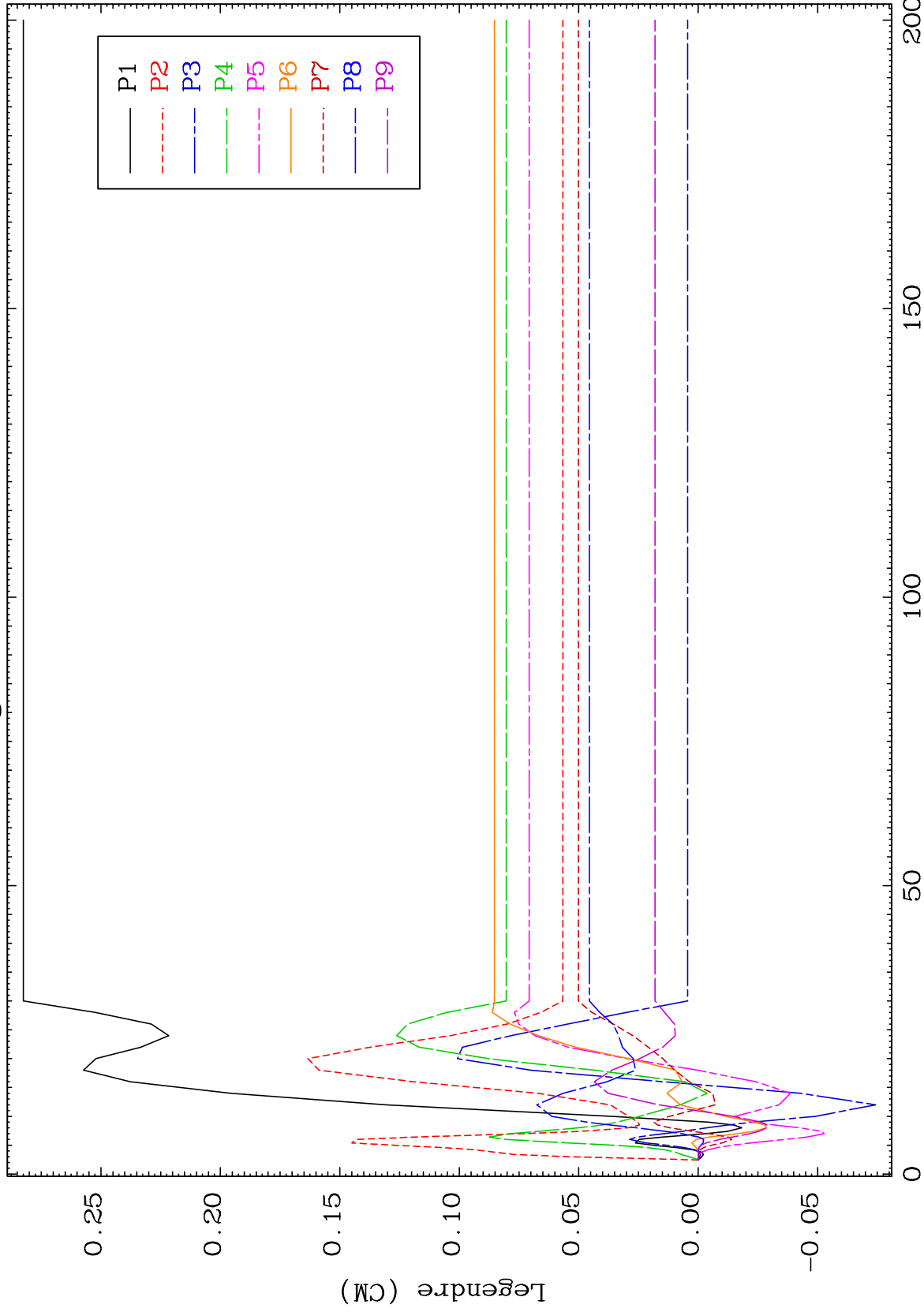
79

62-Sm-146

MAT 6231

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

62-Sm-146



80

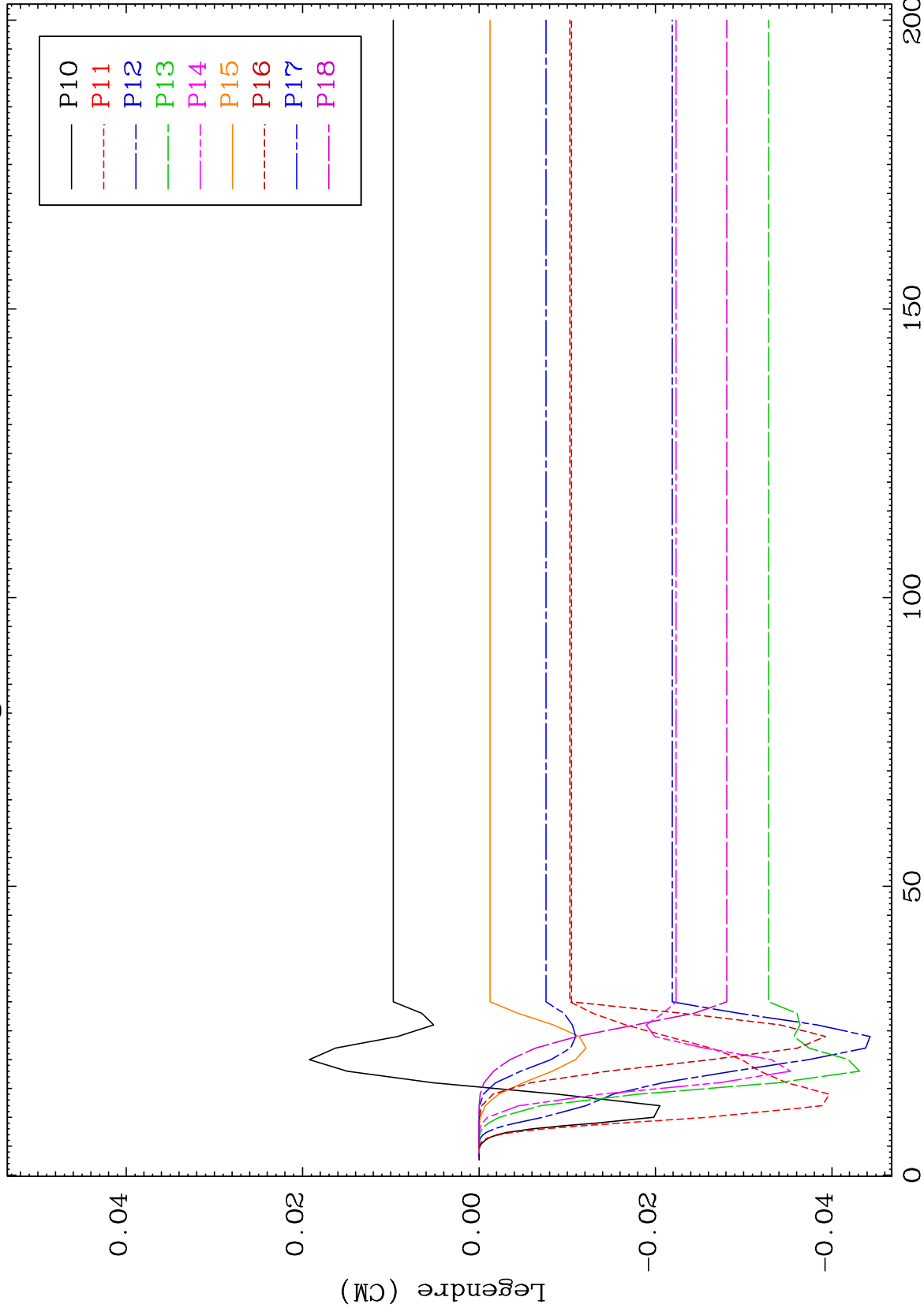
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



81

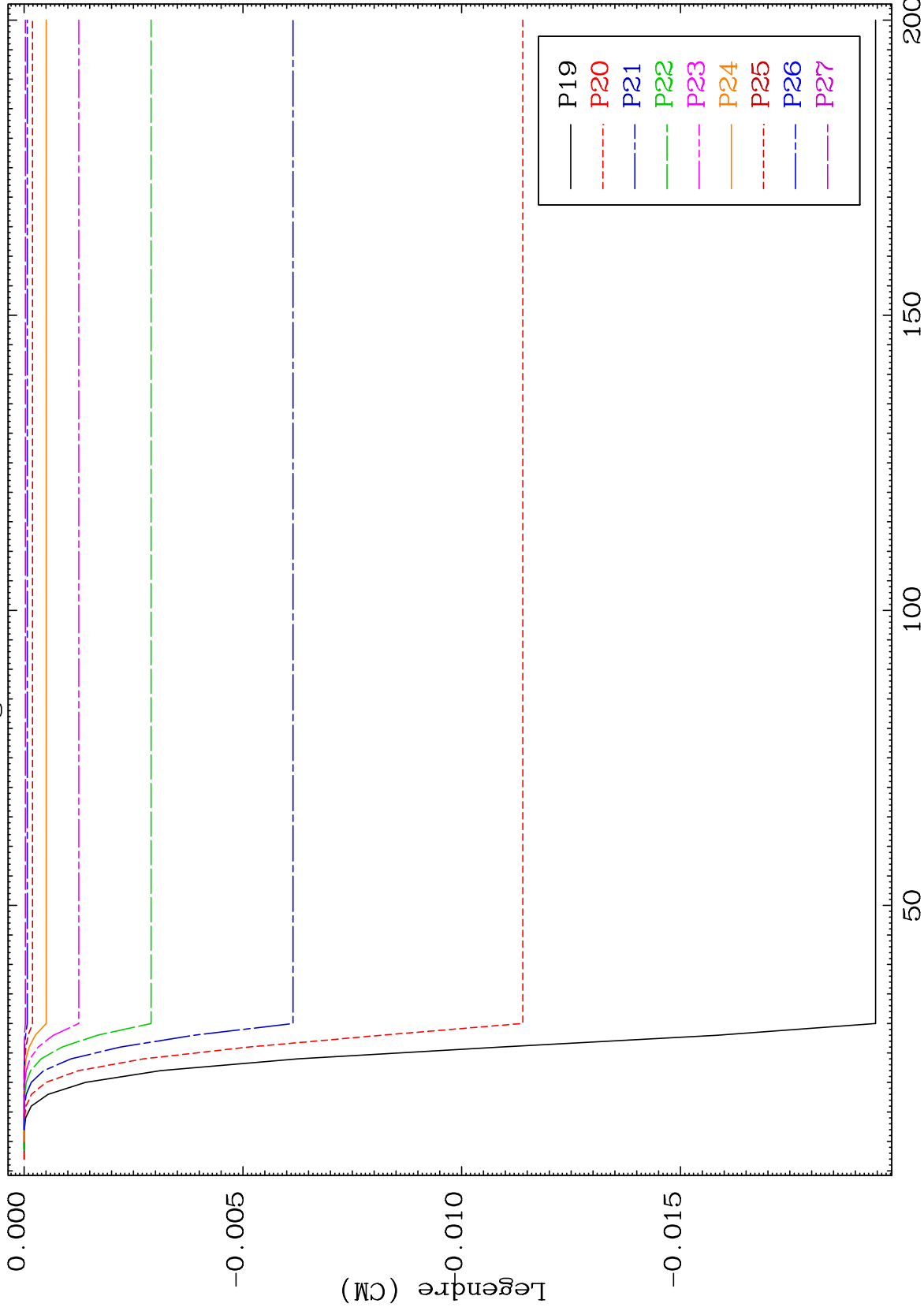
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



62-Sm-146

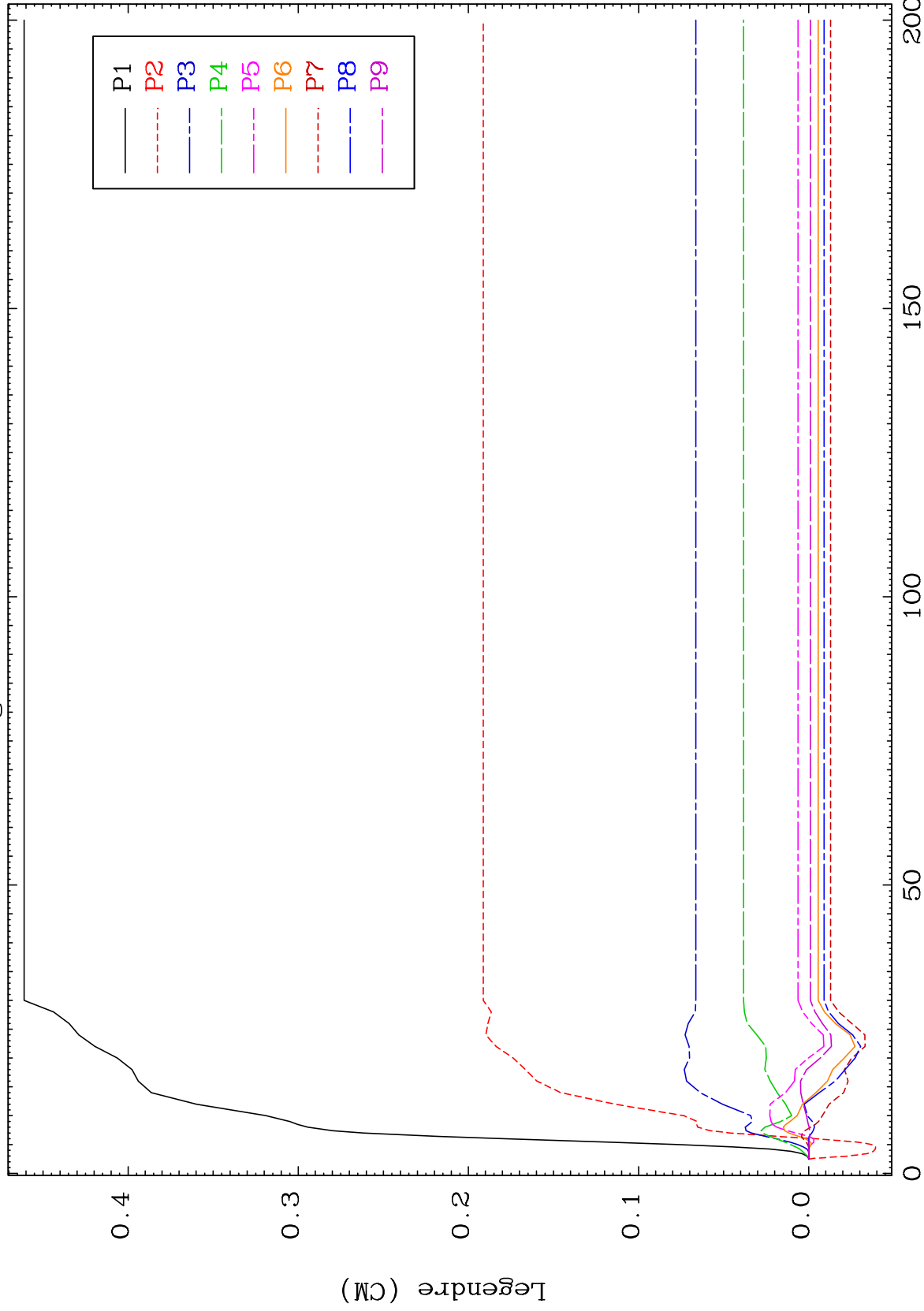
Incident Energy (MeV)

82

MAT 6231

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

62-Sm-146



84

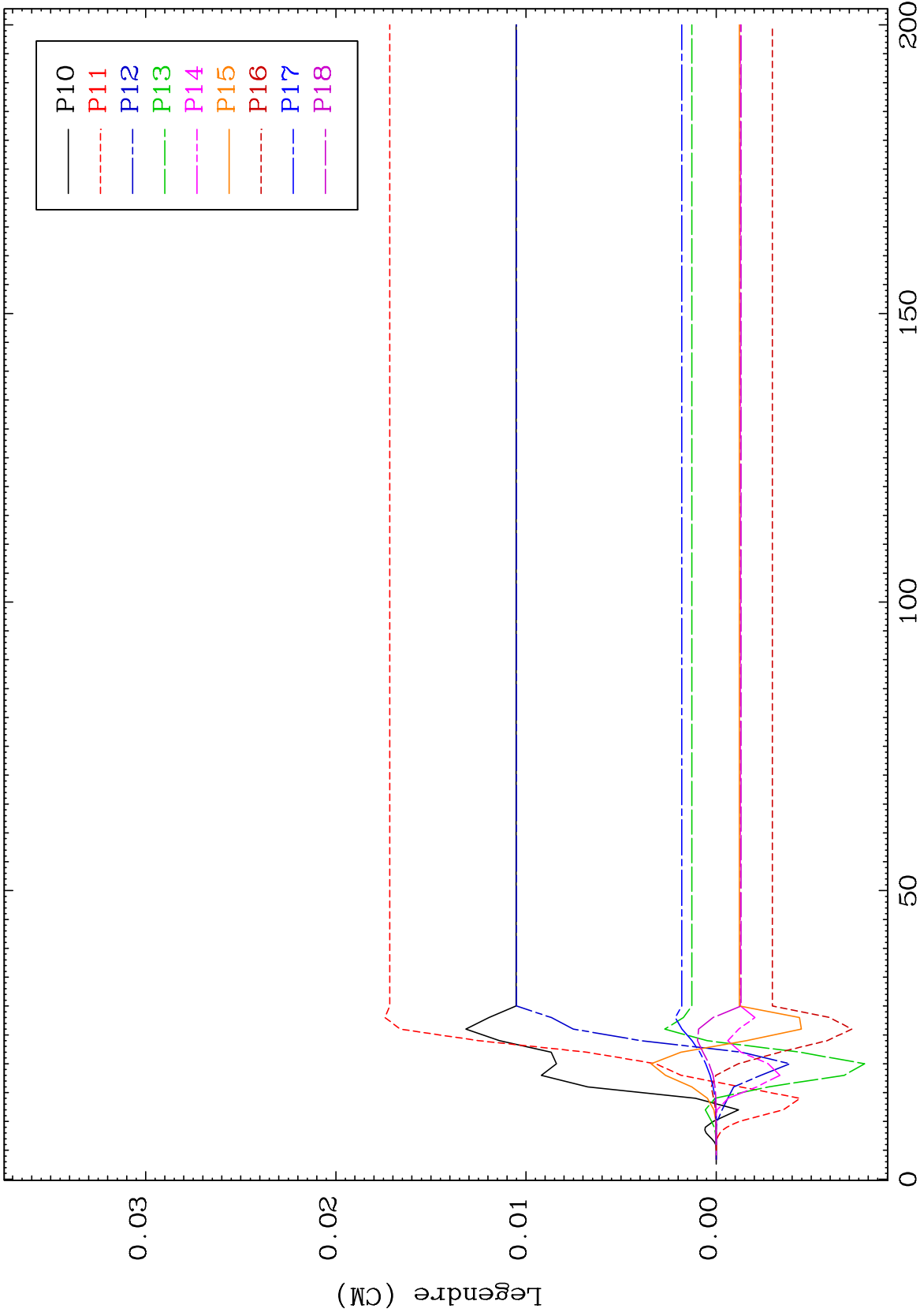
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



85

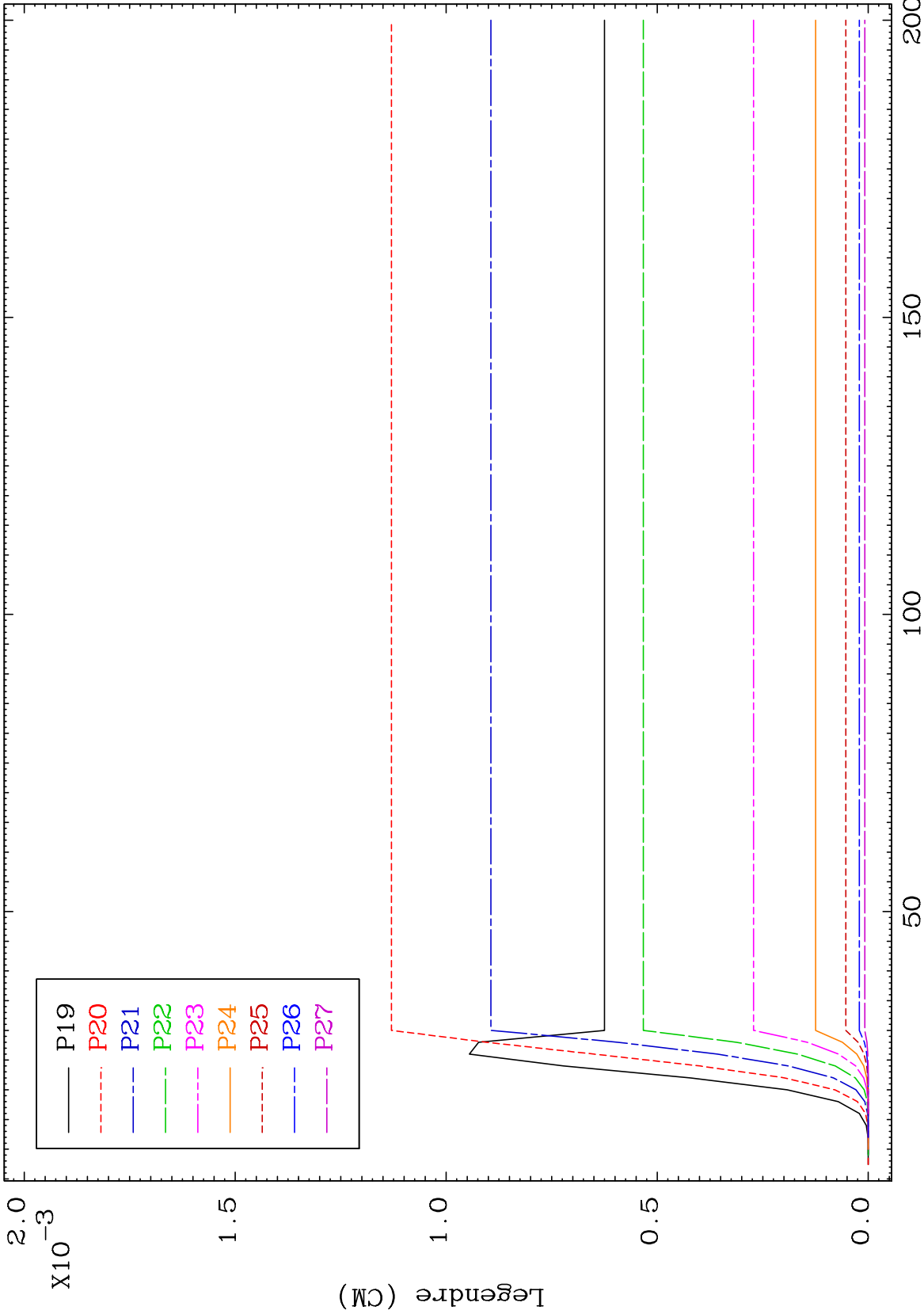
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



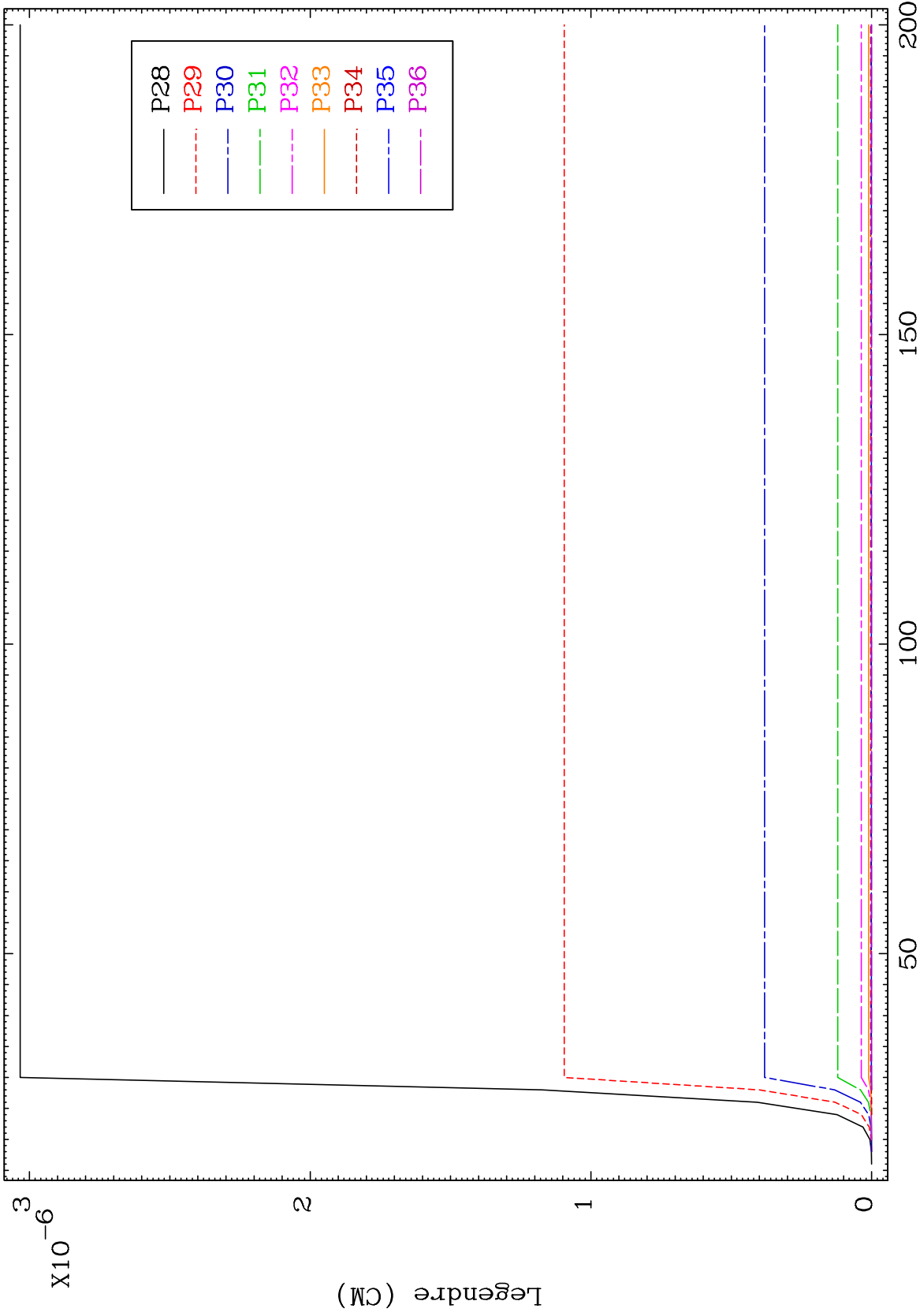
86

62-Sm-146

MAT 6231

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

62-Sm-146



87

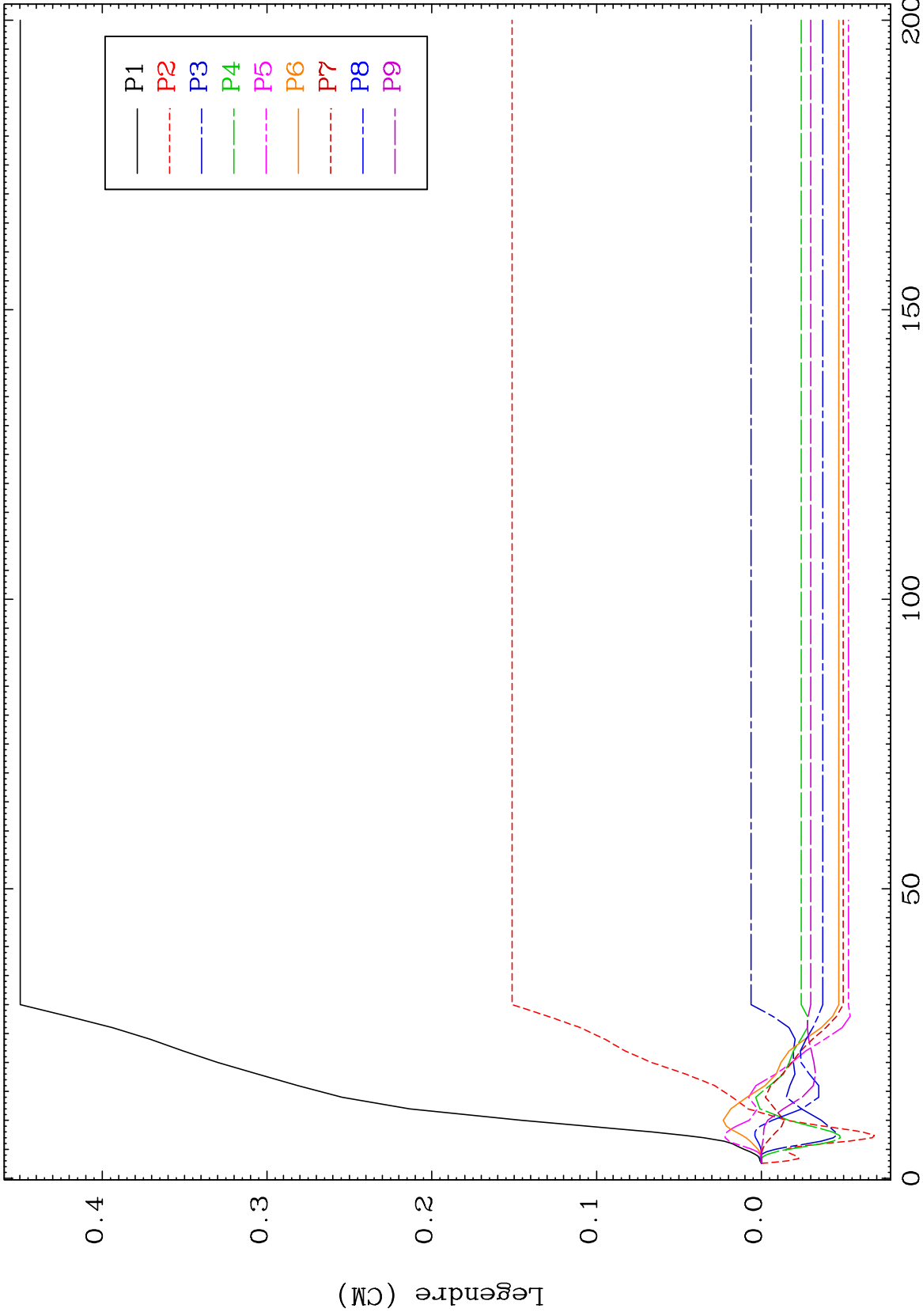
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



88

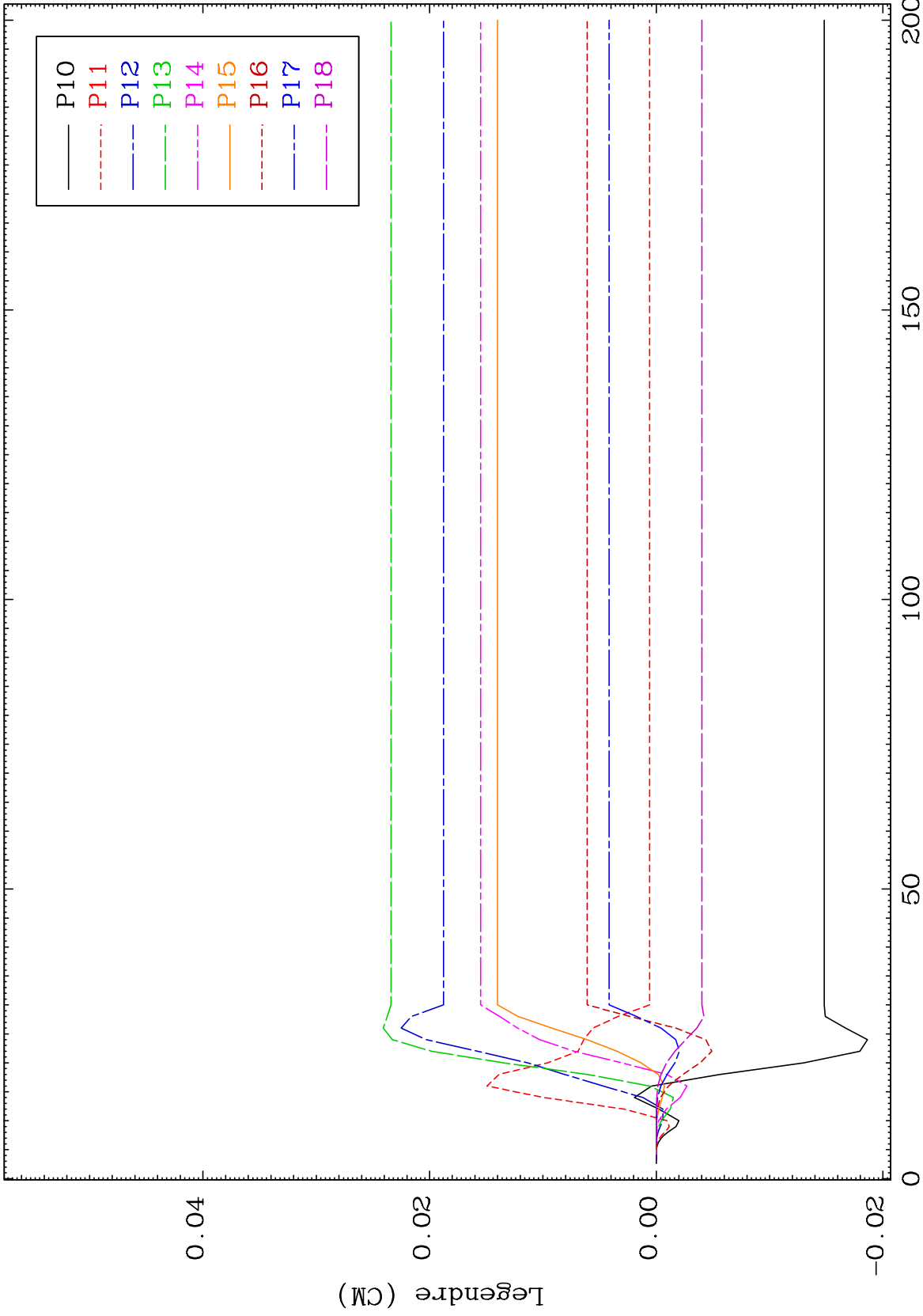
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



89

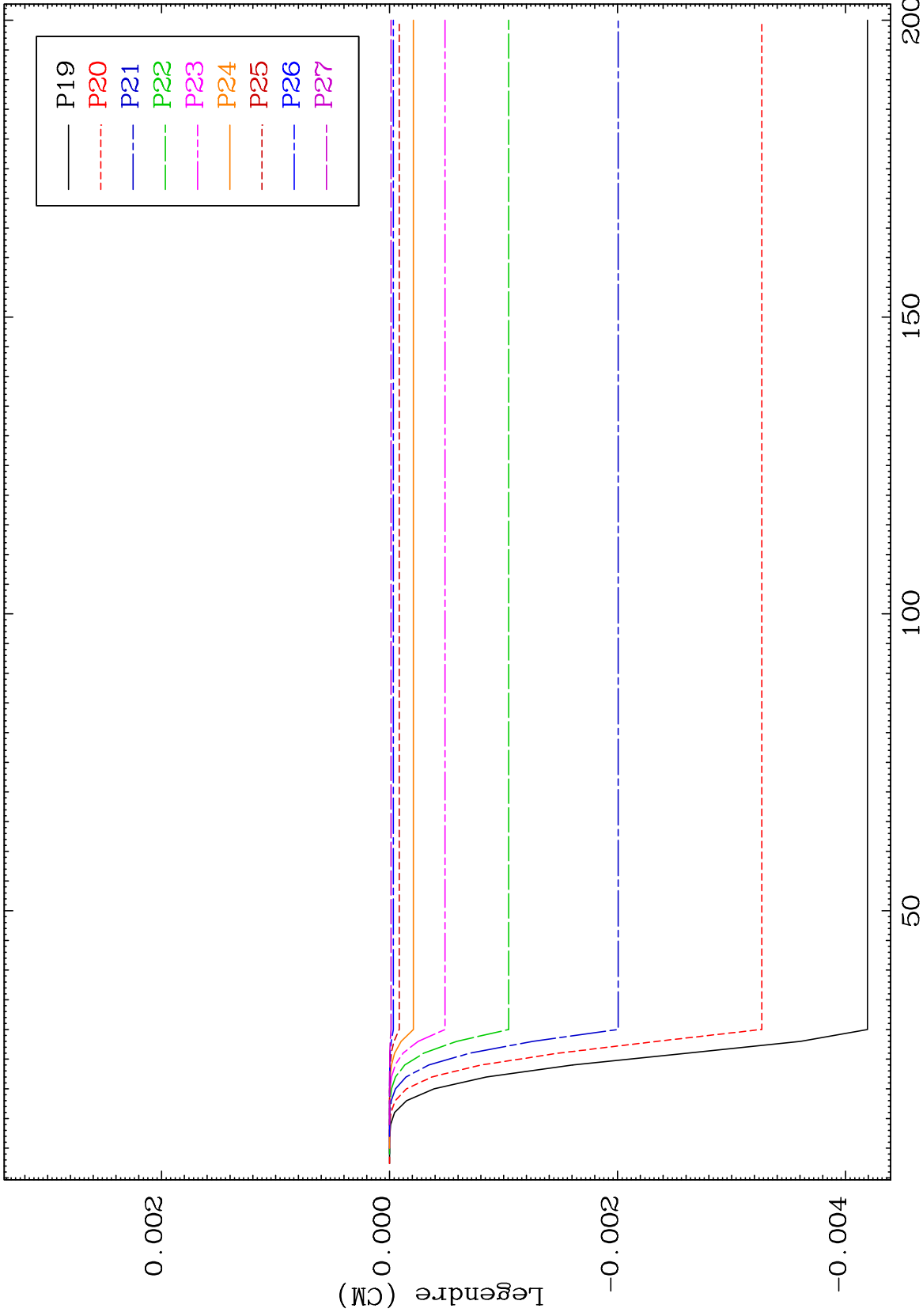
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



90

Incident Energy (MeV)

50

100

150

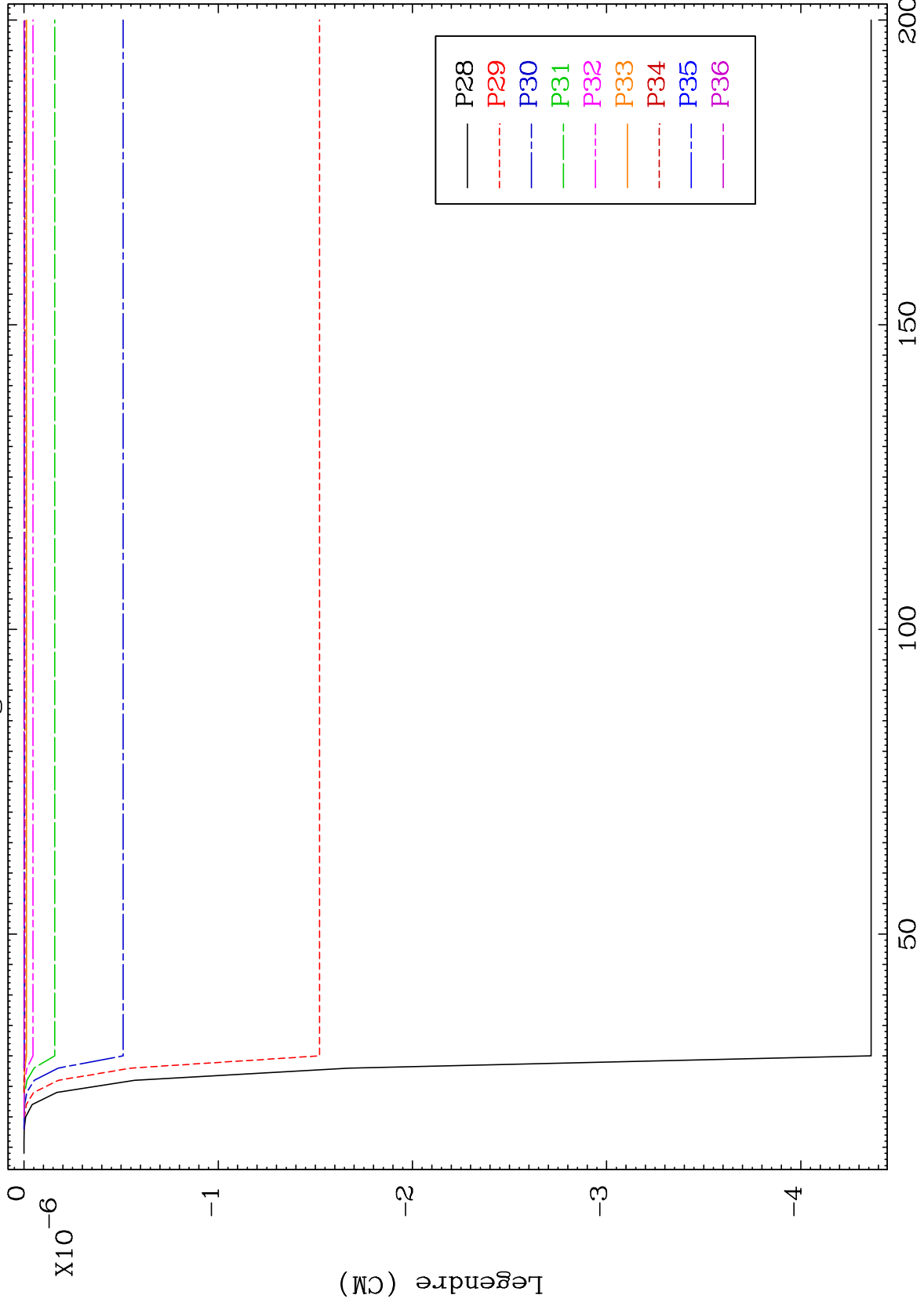
200

62-Sm-146

MAT 6231

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

62-Sm-146



62-Sm-146

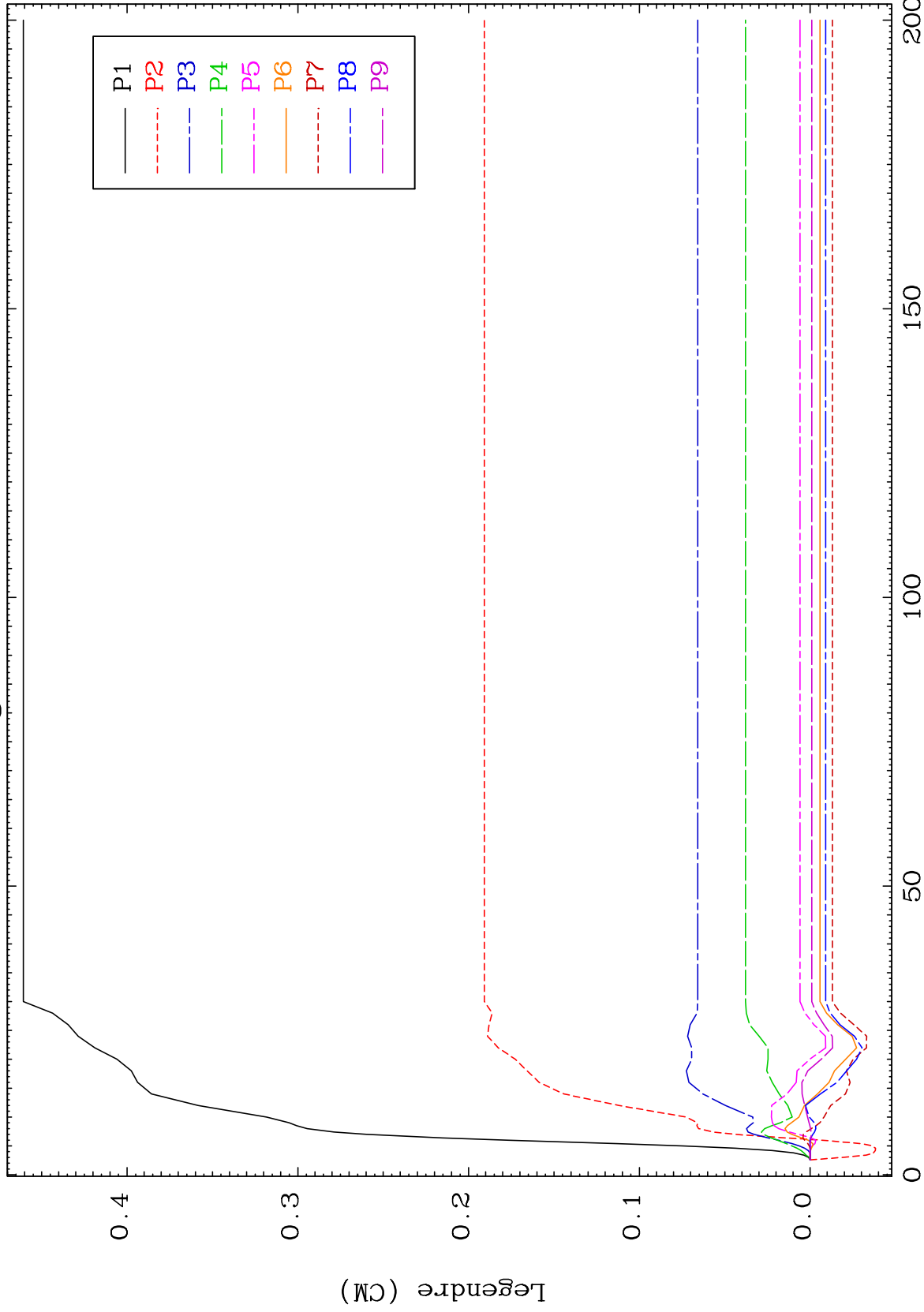
Incident Energy (MeV)

91

MAT 6231

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

62-Sm-146



92

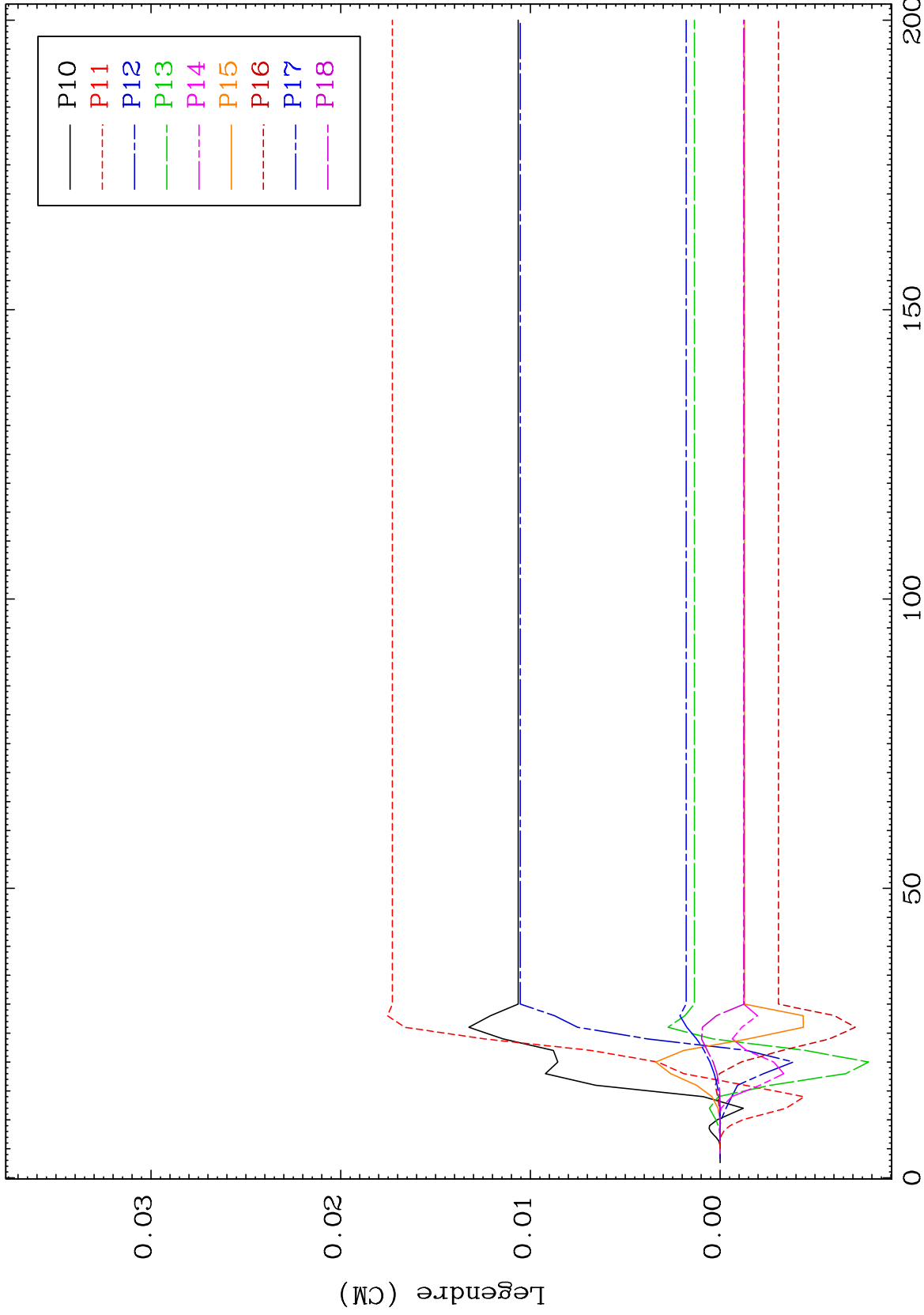
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



93

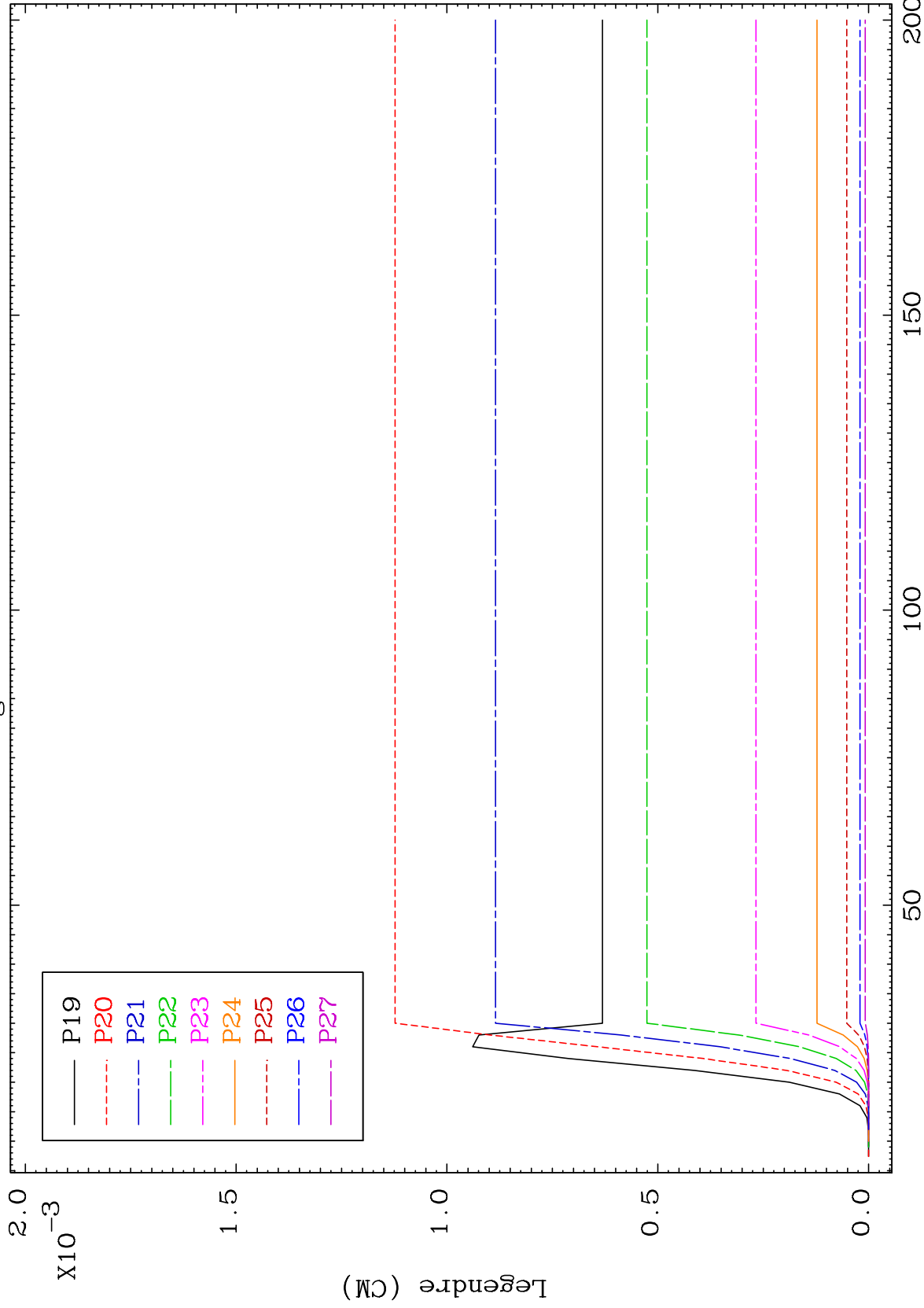
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



94

Incident Energy (MeV)

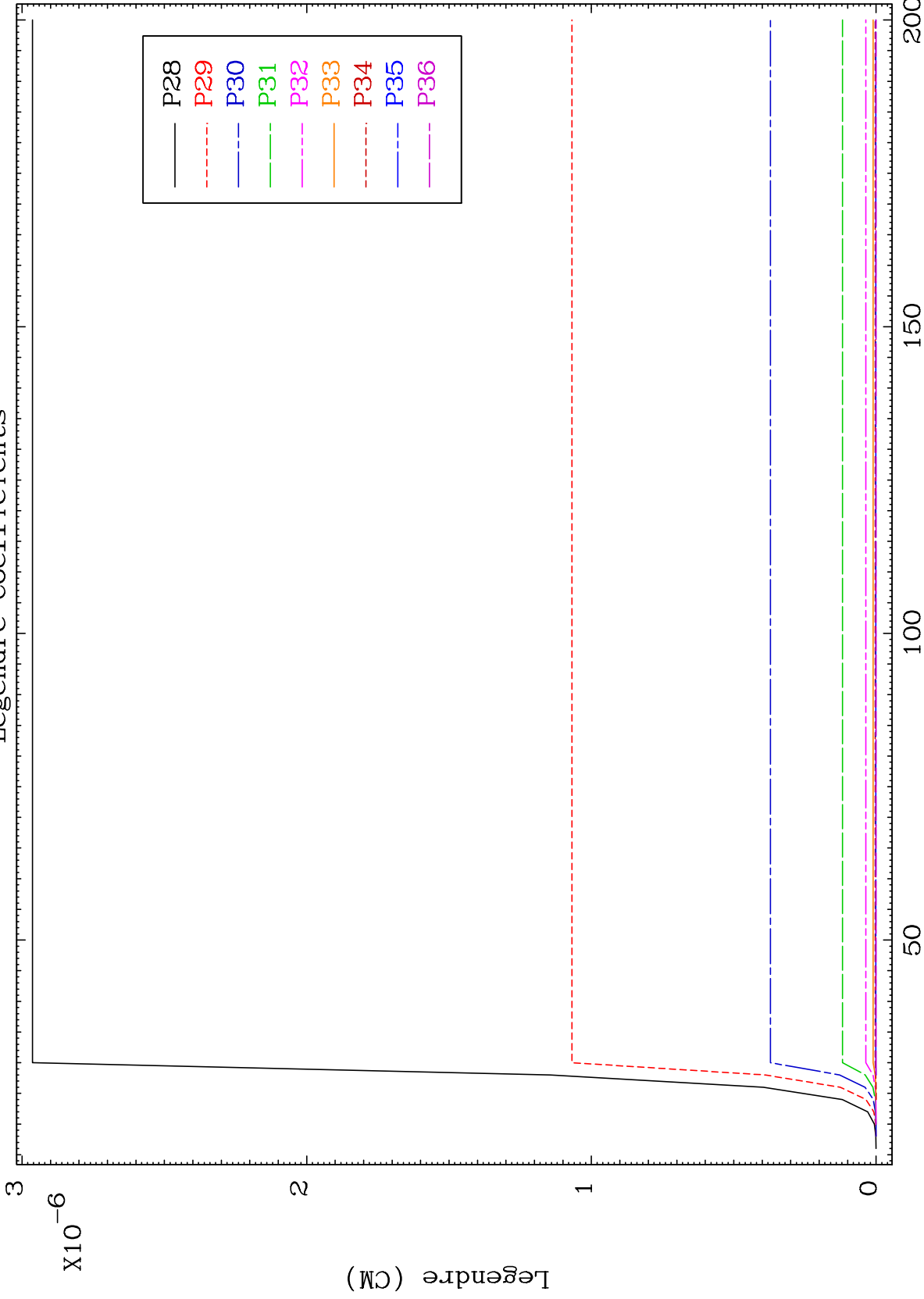
62-Sm-146

MAT 6231

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

62-Sm-146

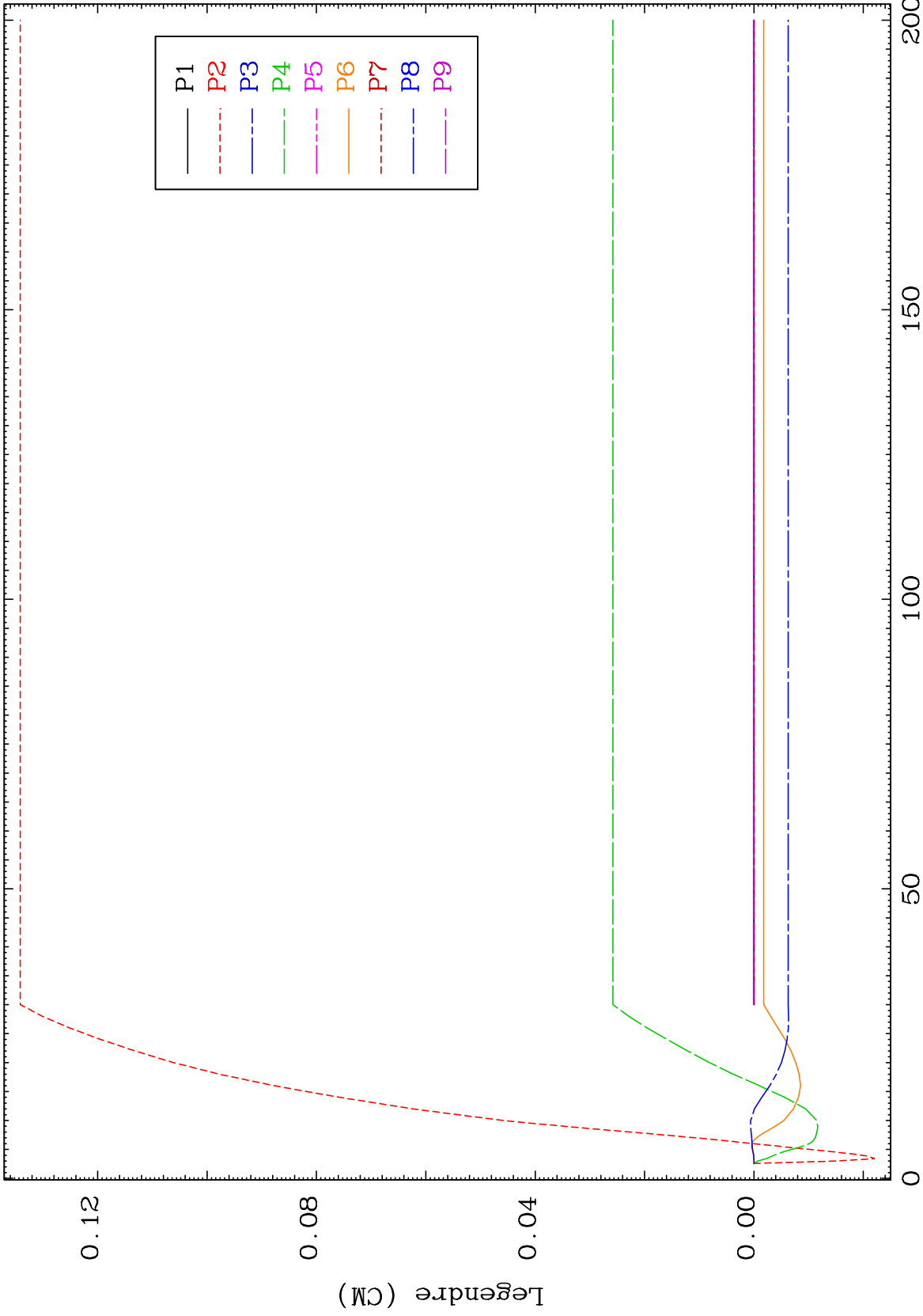
62-Sm-146



MAT 6231

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

62-Sm-146



96

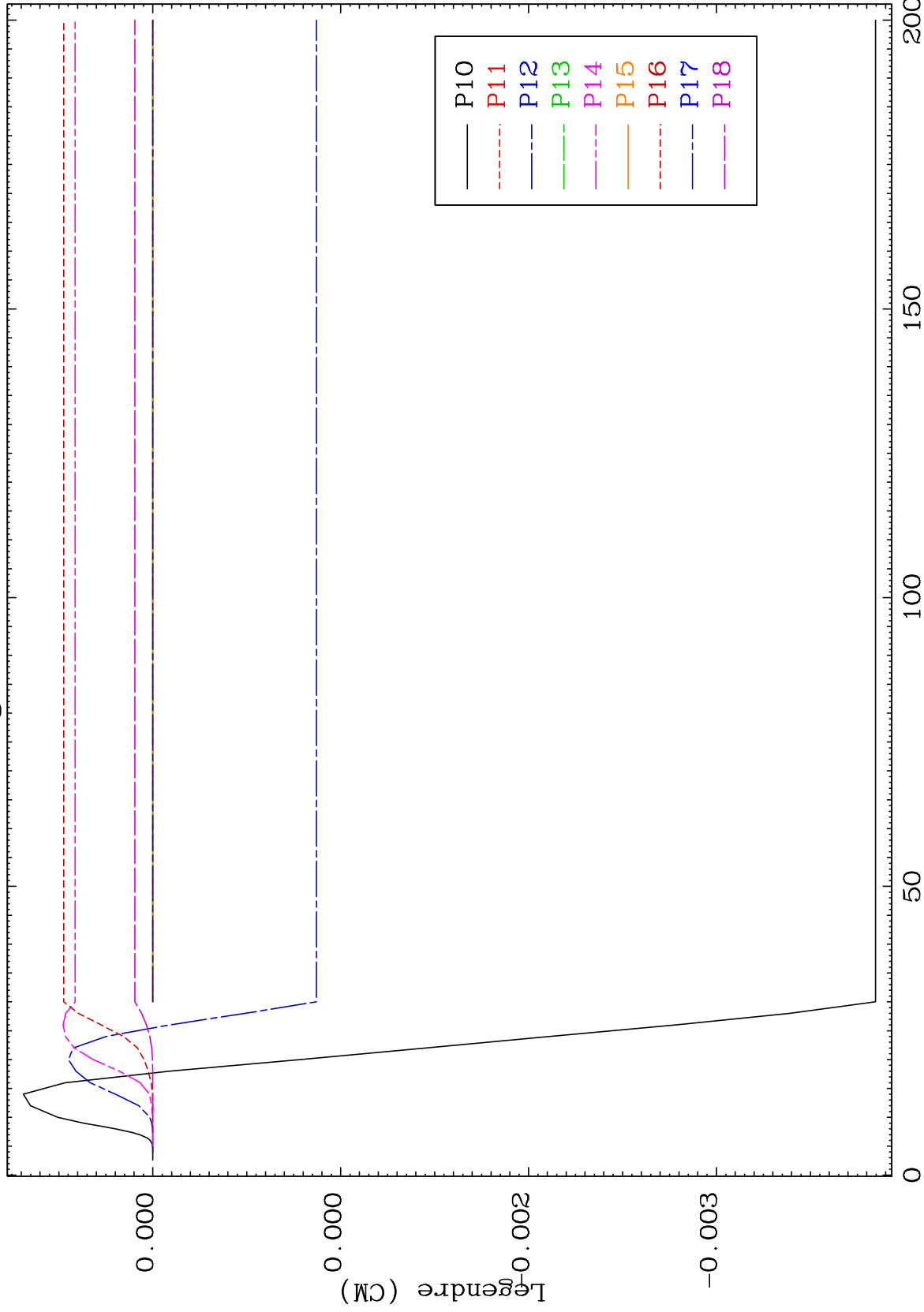
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



97

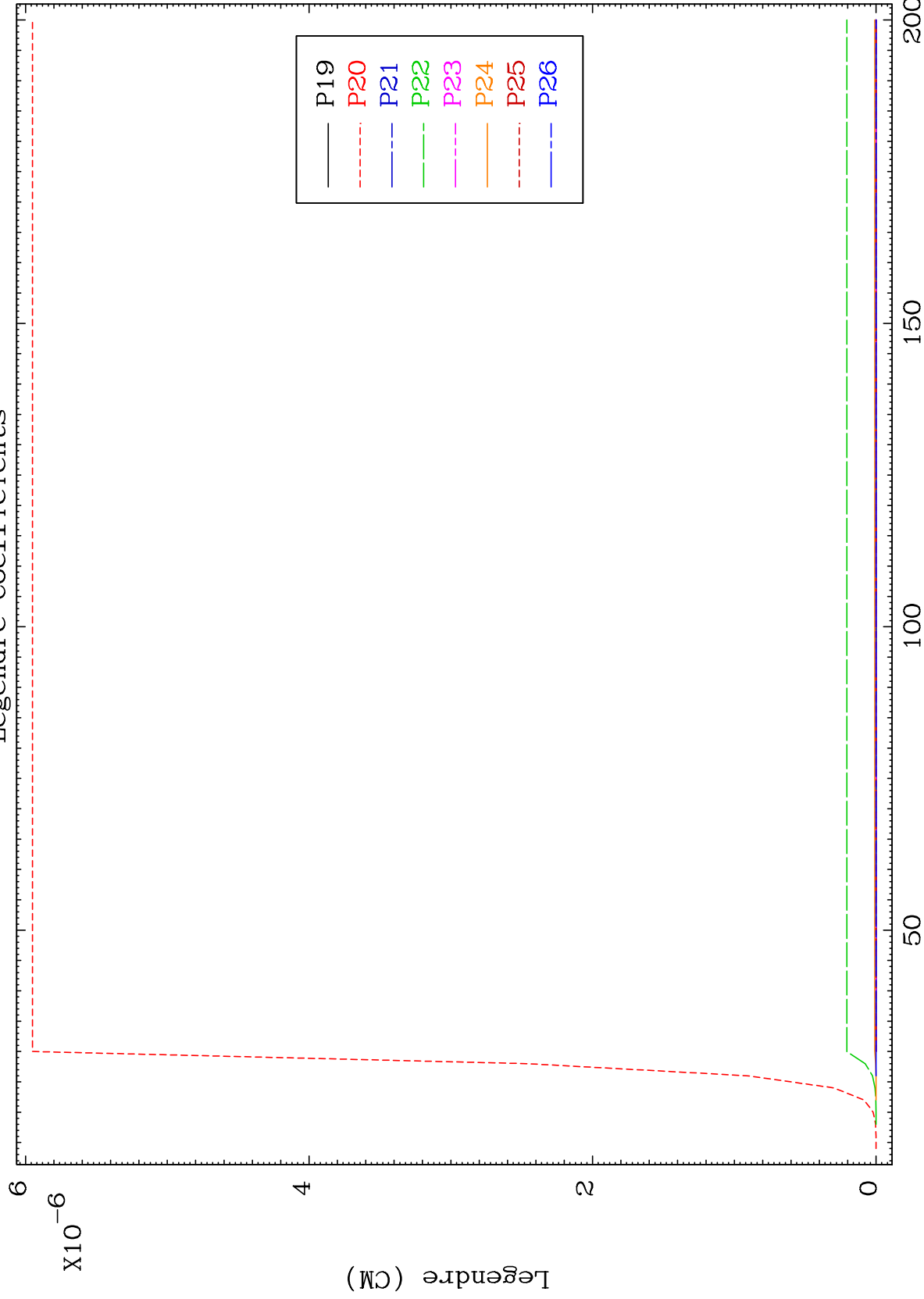
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



62-Sm-146

Incident Energy (MeV)

98

MAT 6231

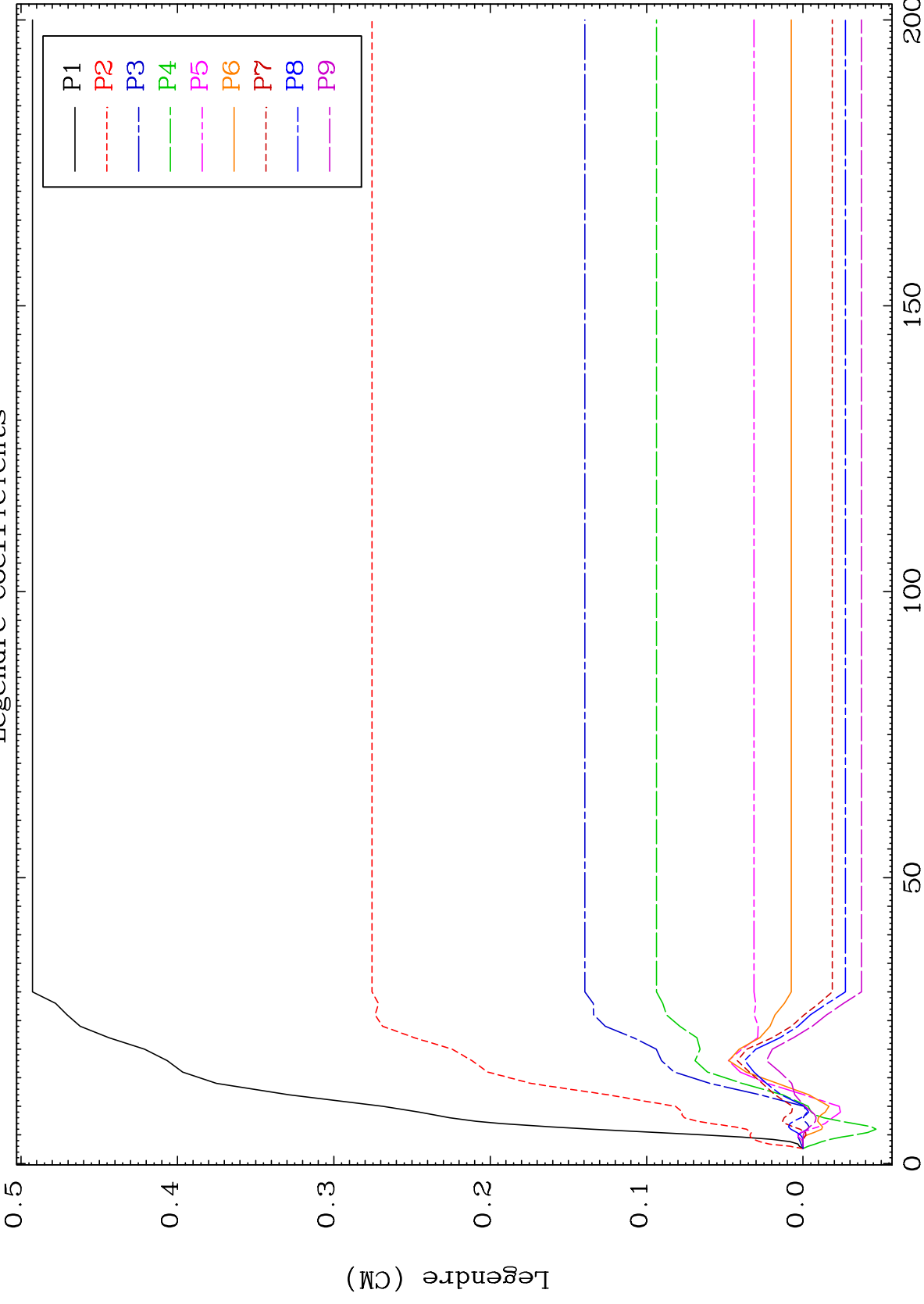
MT= 72 (n,n') Level Legendre Coefficients

62-Sm-146

62-Sm-146

Incident Energy (MeV)

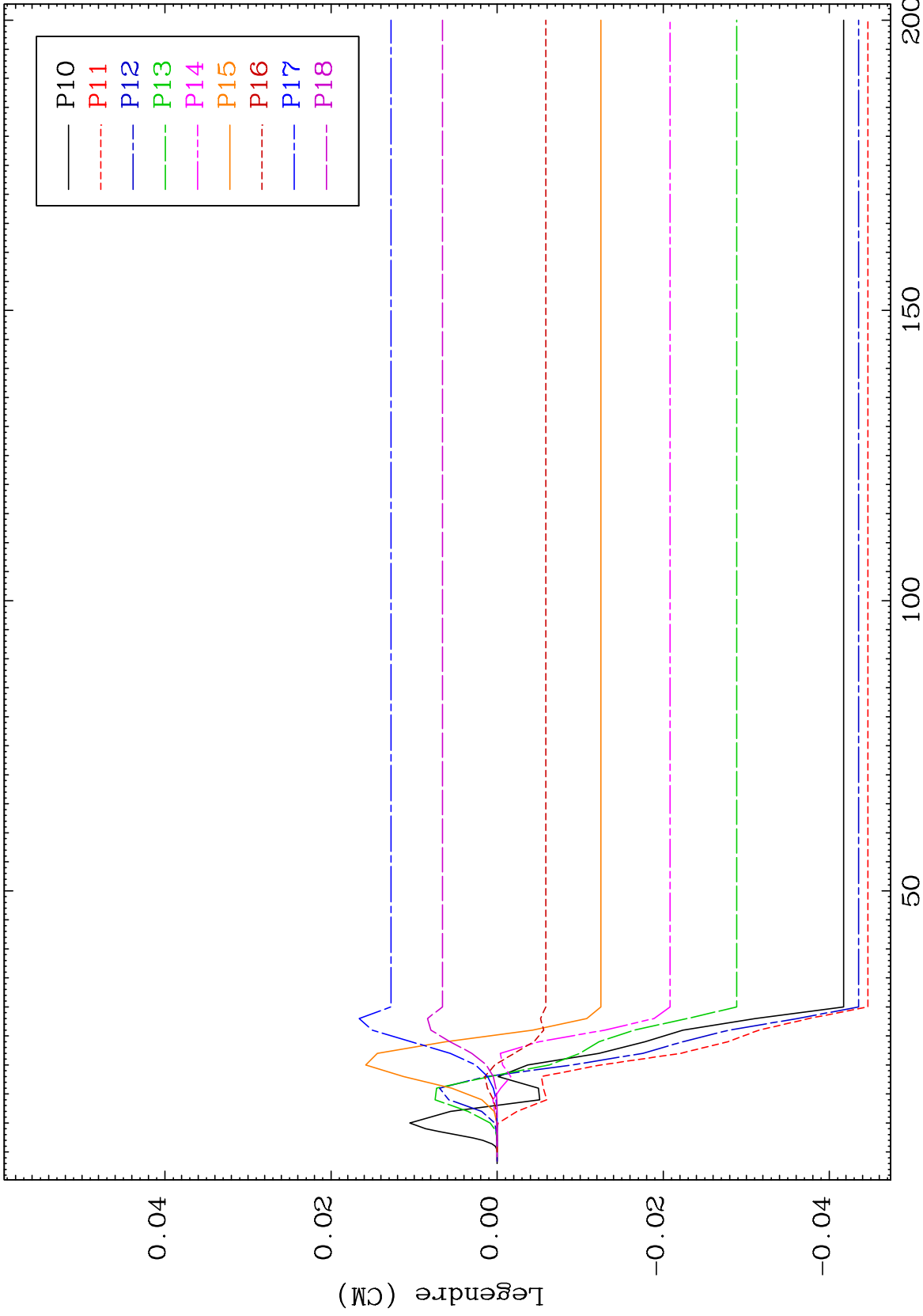
99



MAT 6231

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

62-Sm-146



100

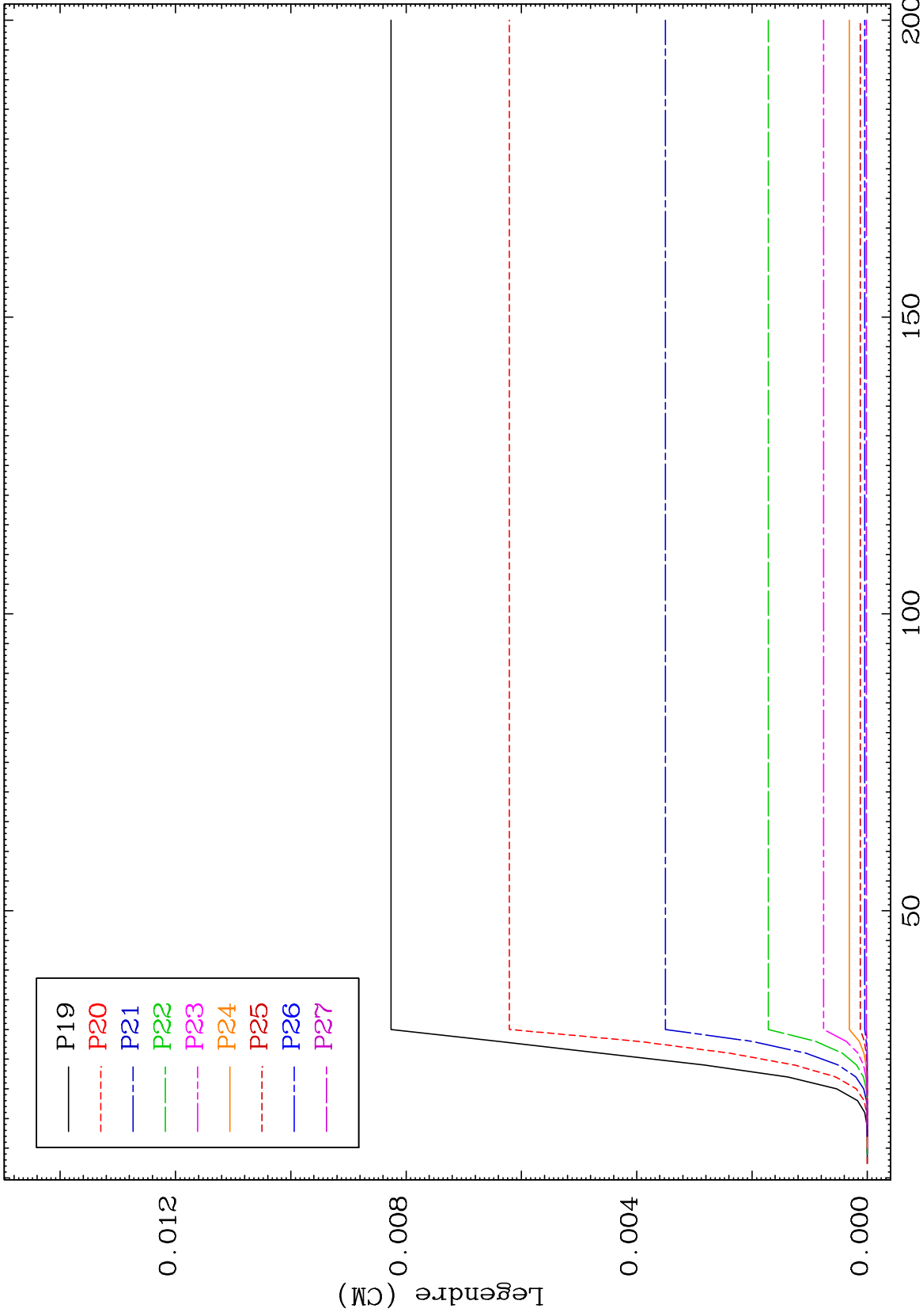
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



101

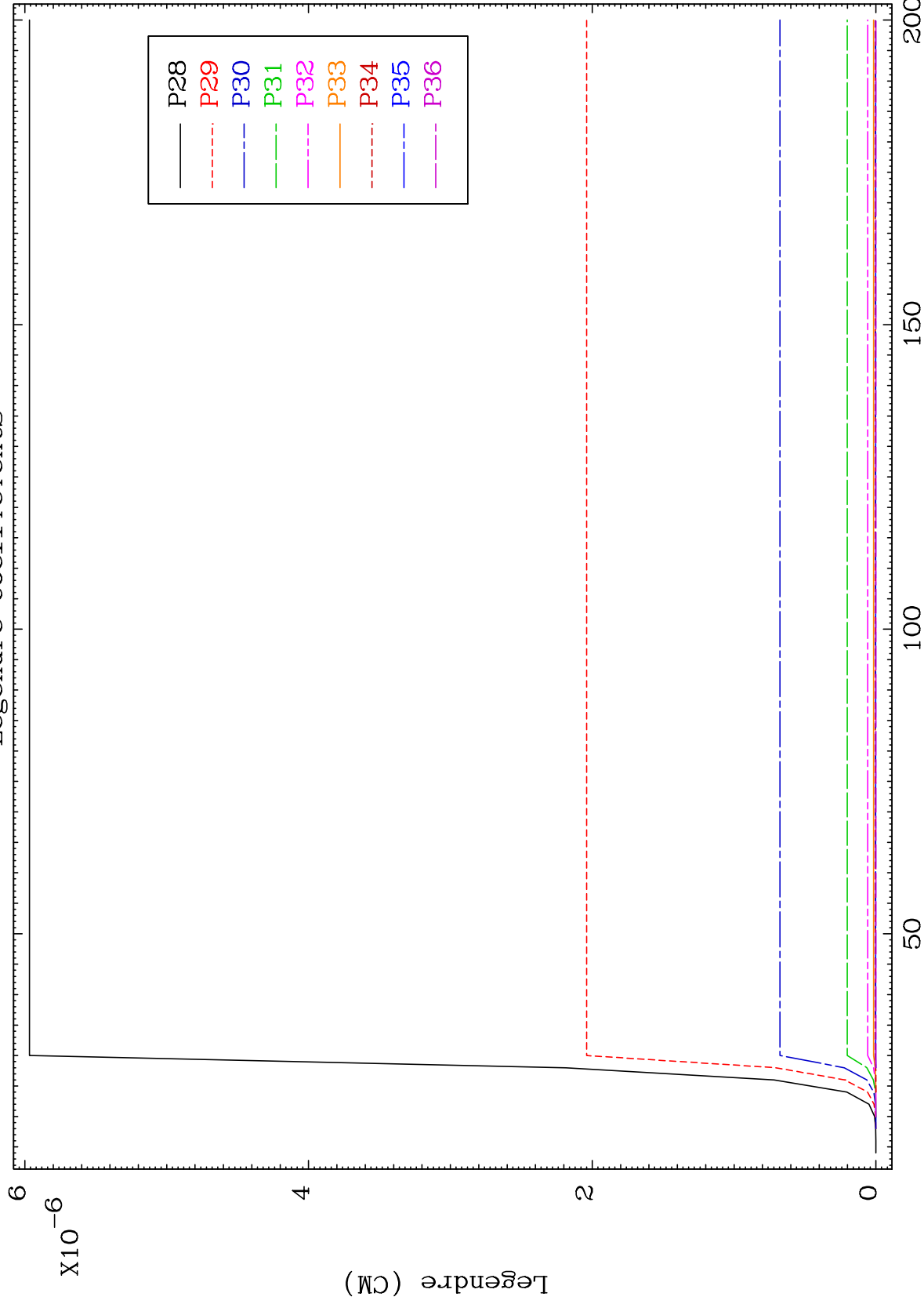
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



102

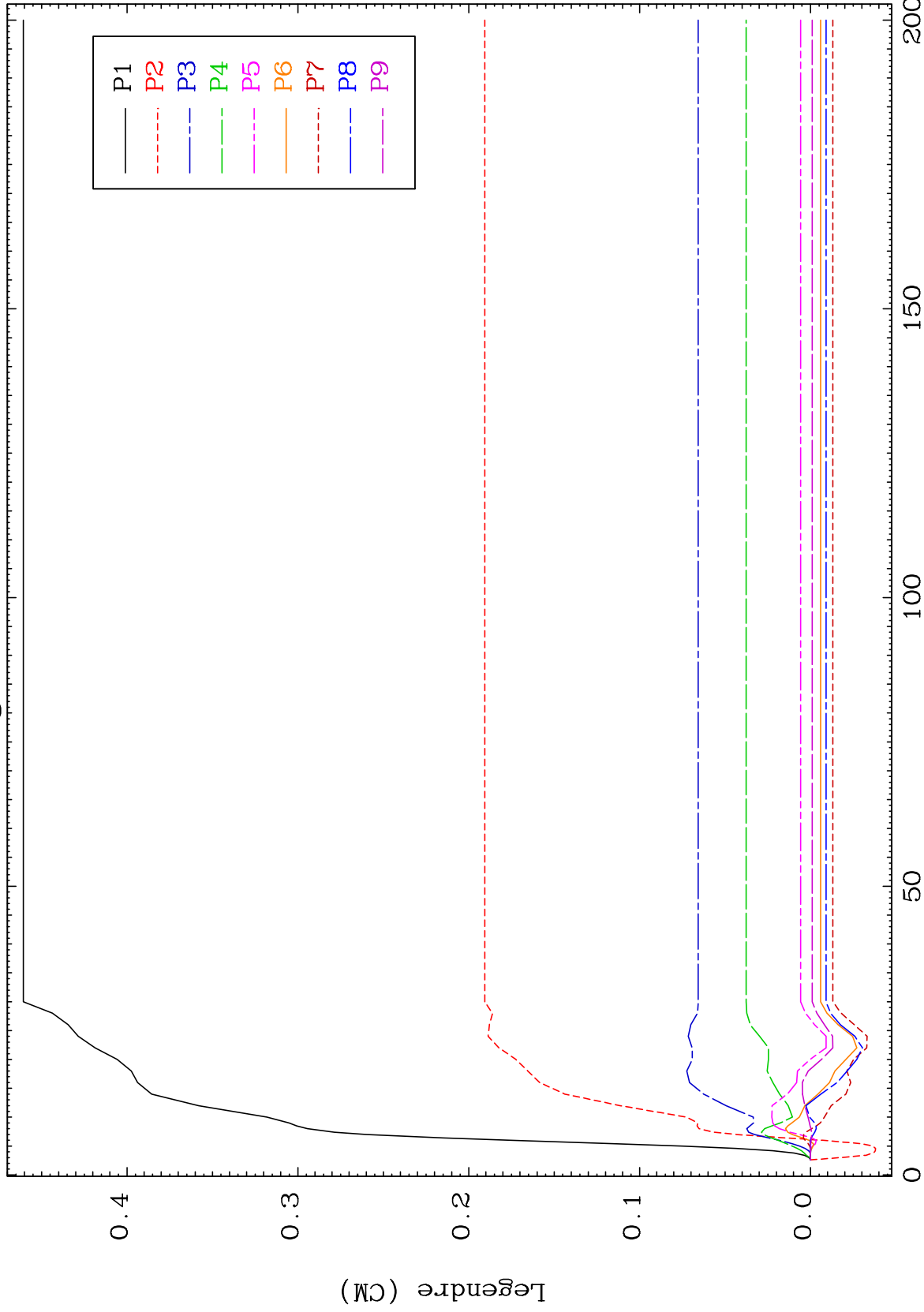
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



103

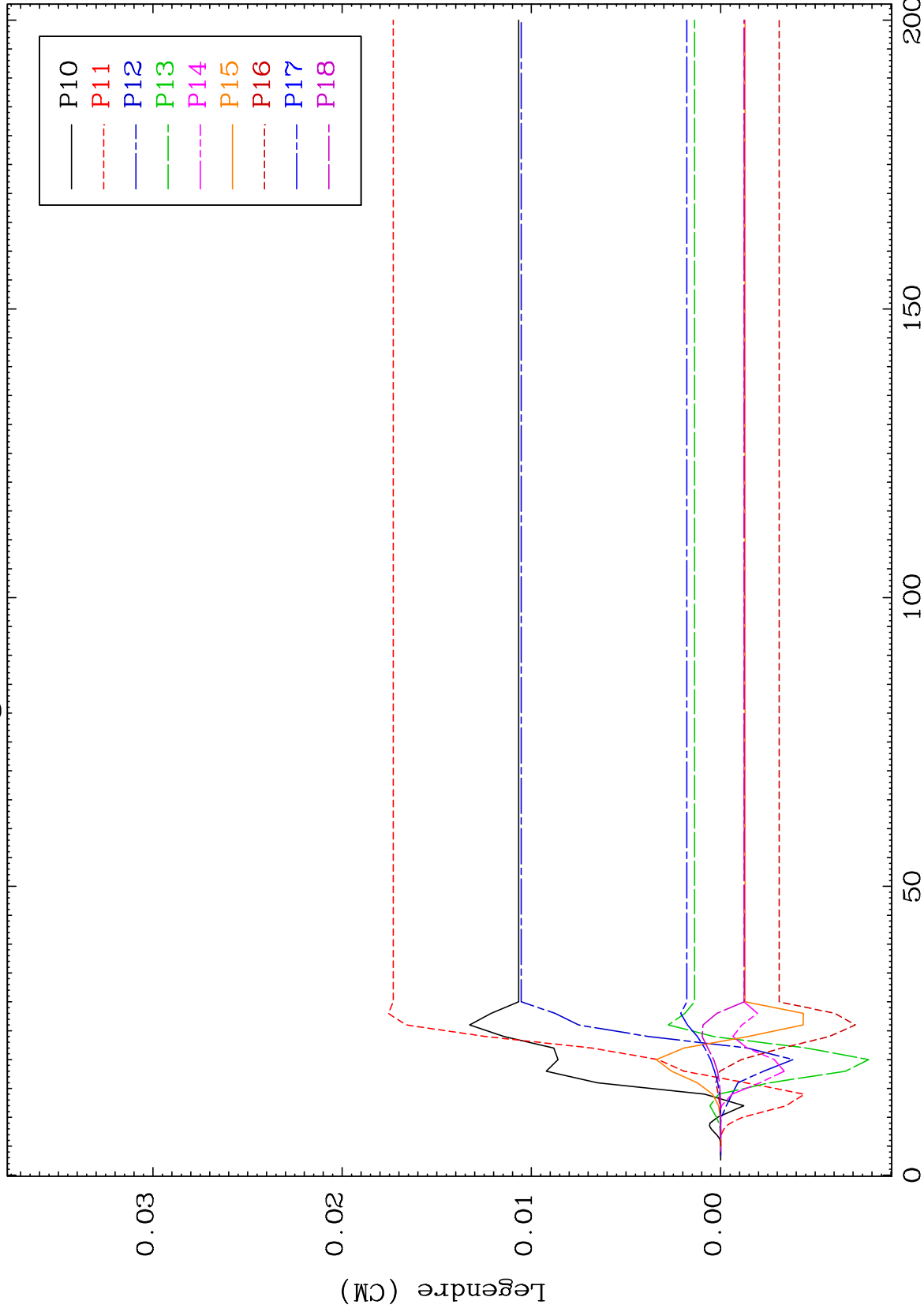
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



104

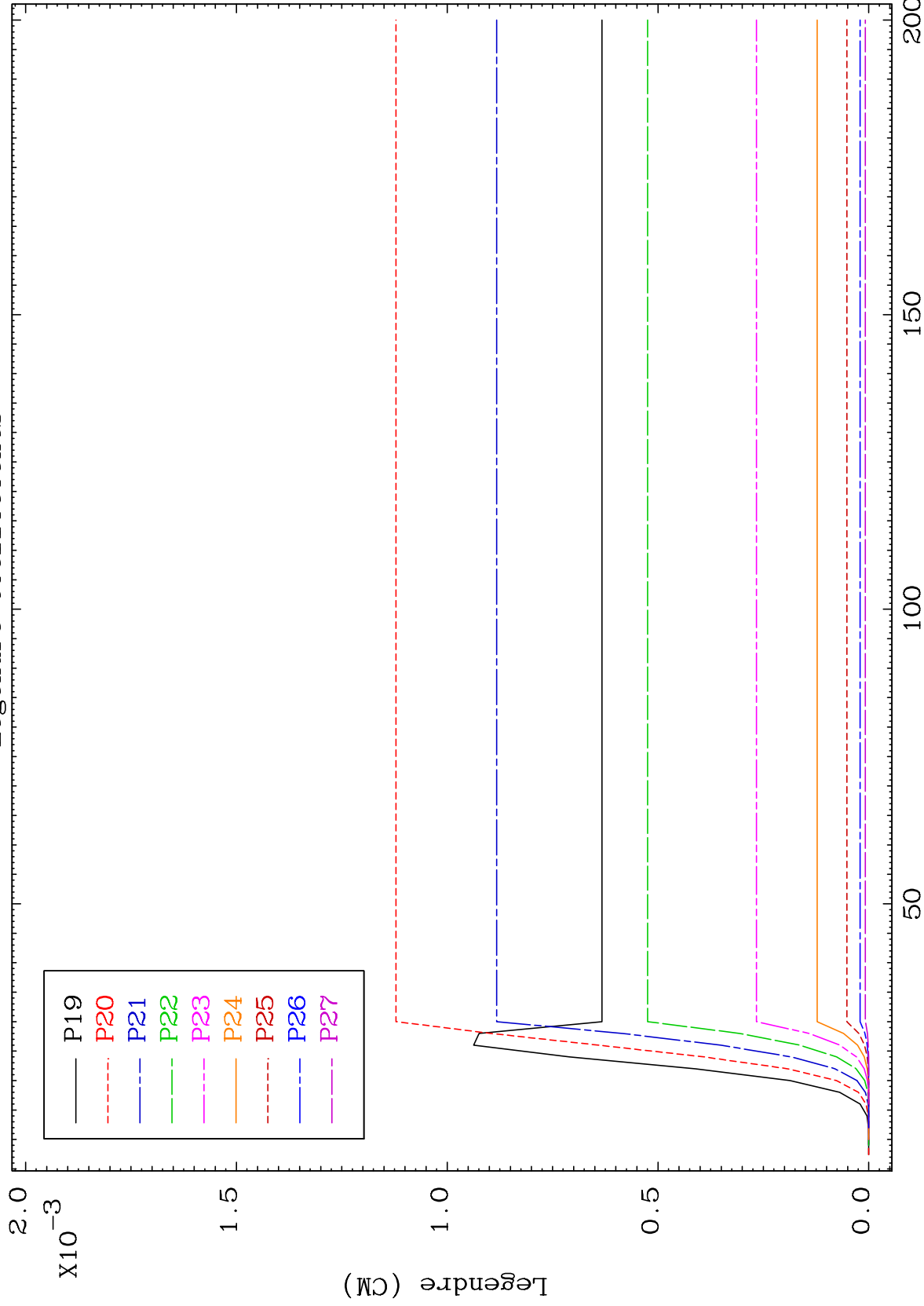
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



105

Incident Energy (MeV)

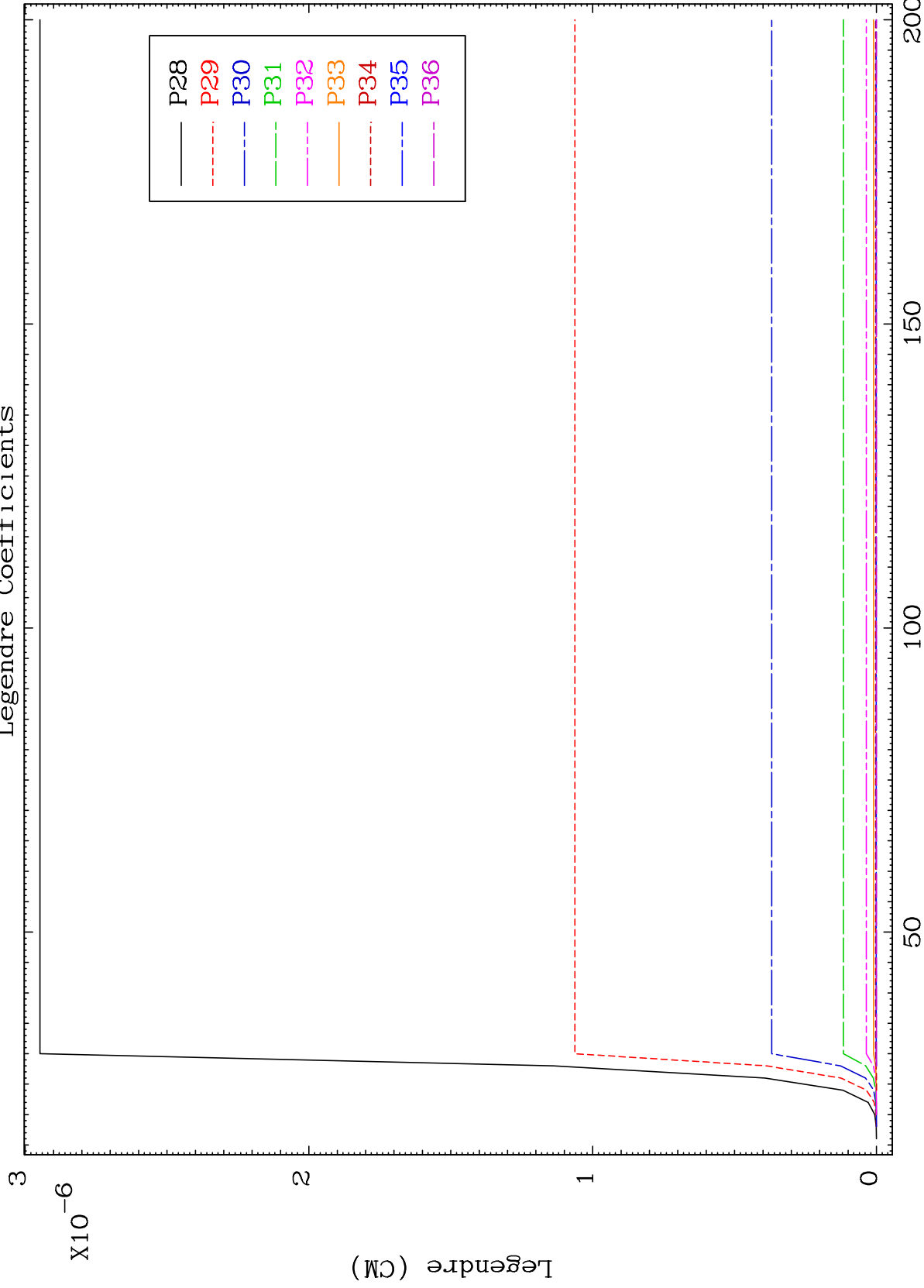
62-Sm-146

MAT 6231

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

62-Sm-146

62-Sm-146

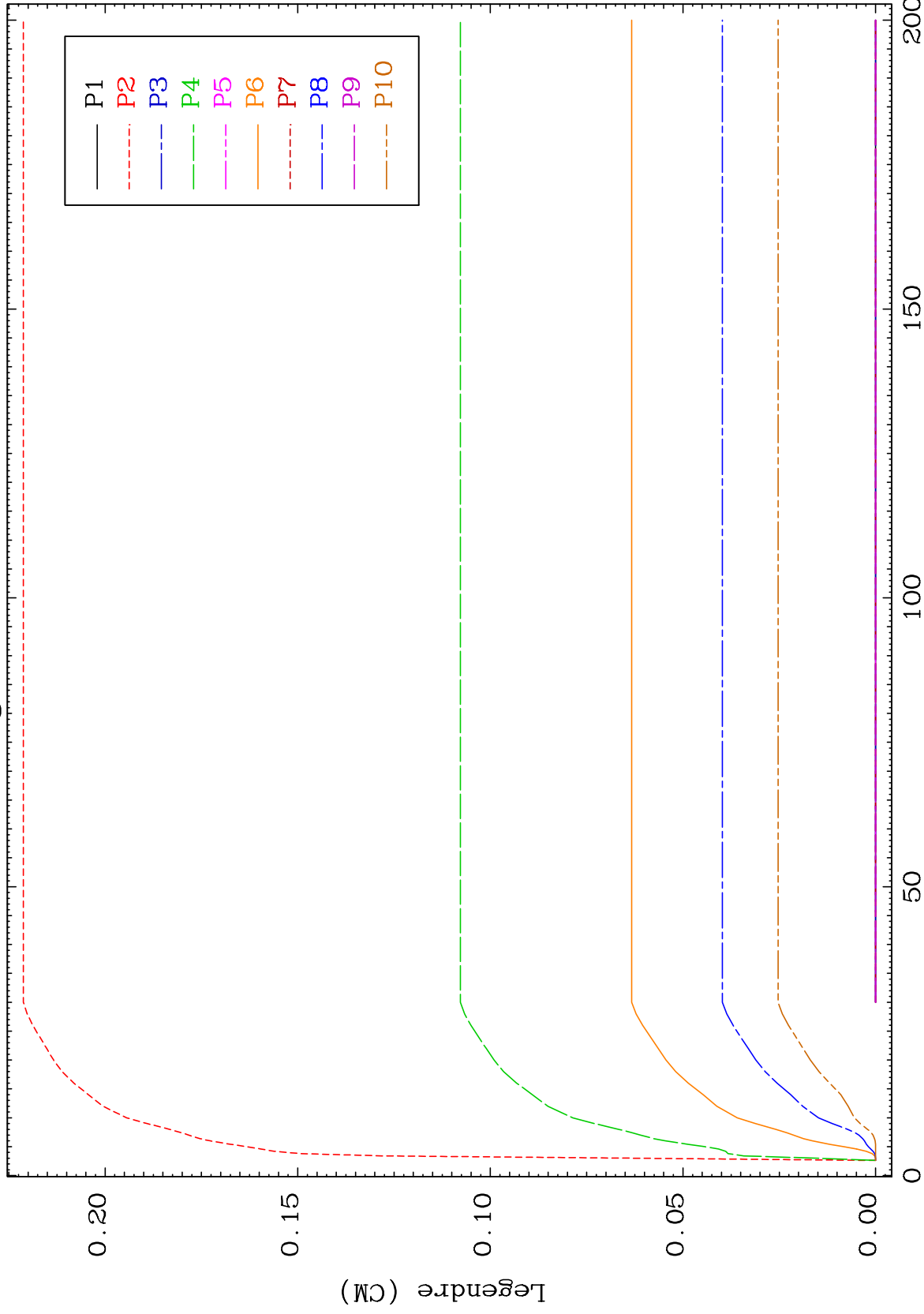


106

MAT 6231

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

62-Sm-146



62-Sm-146

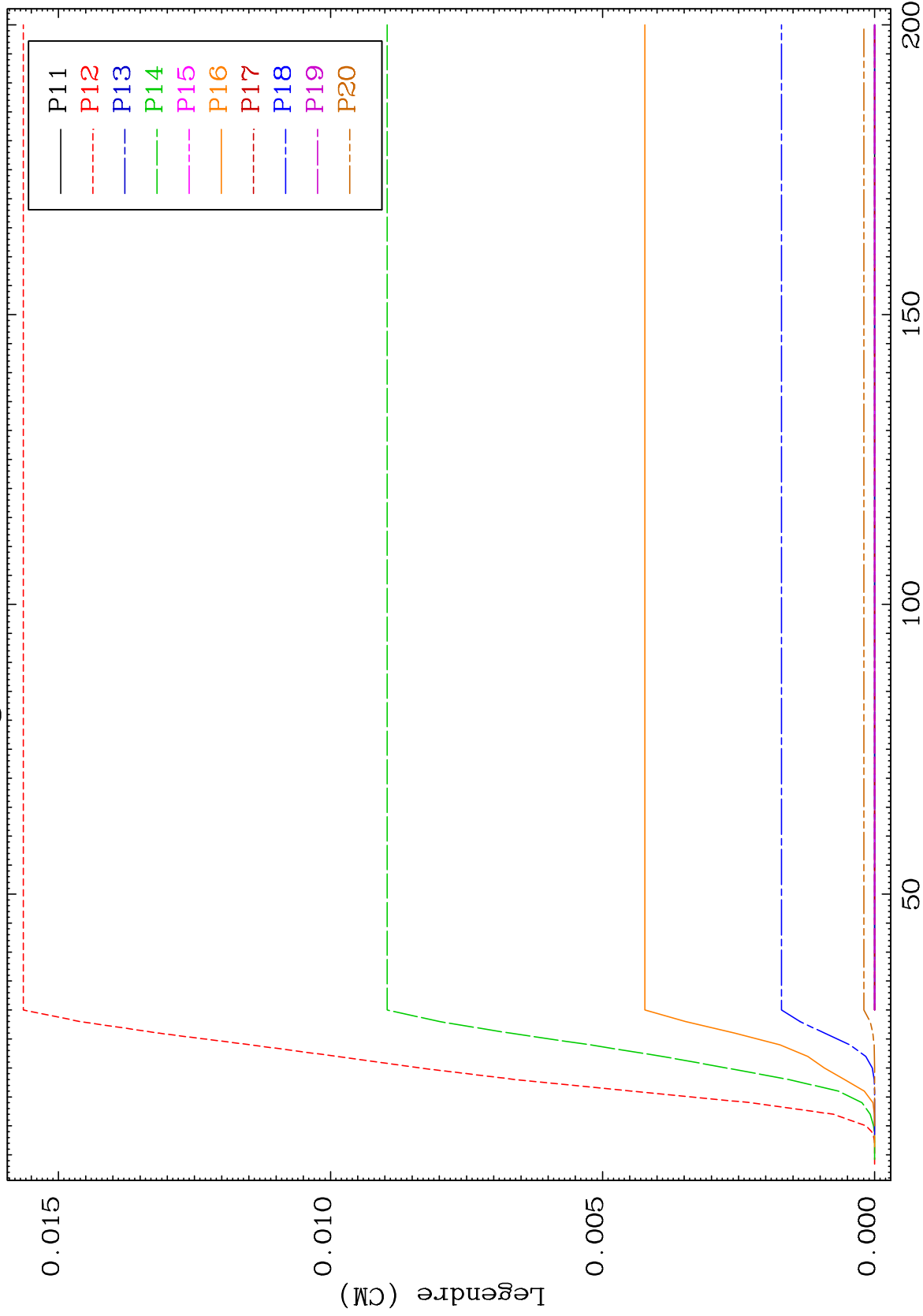
Incident Energy (MeV)

107

MAT 6231

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

62-Sm-146



108

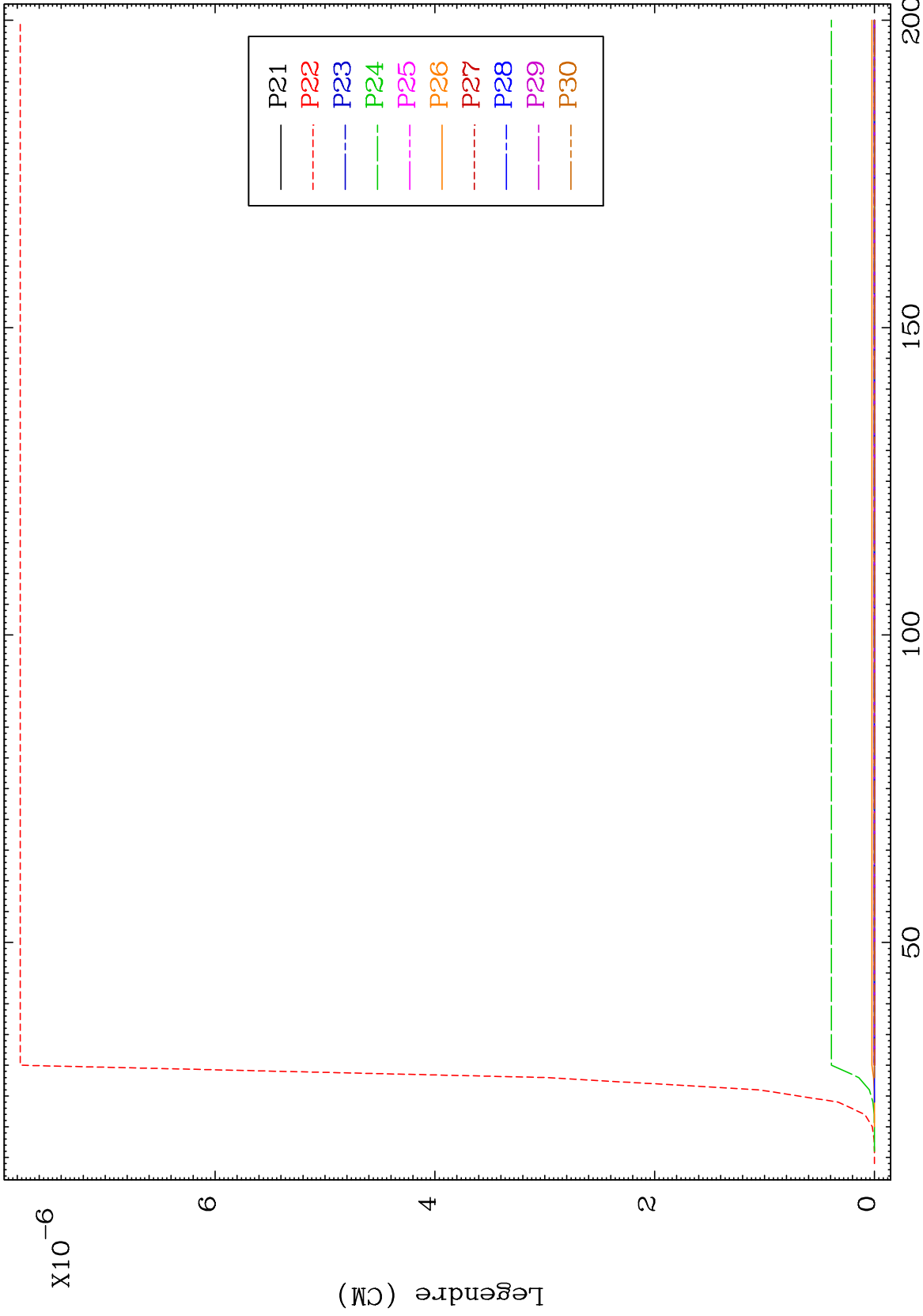
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



109

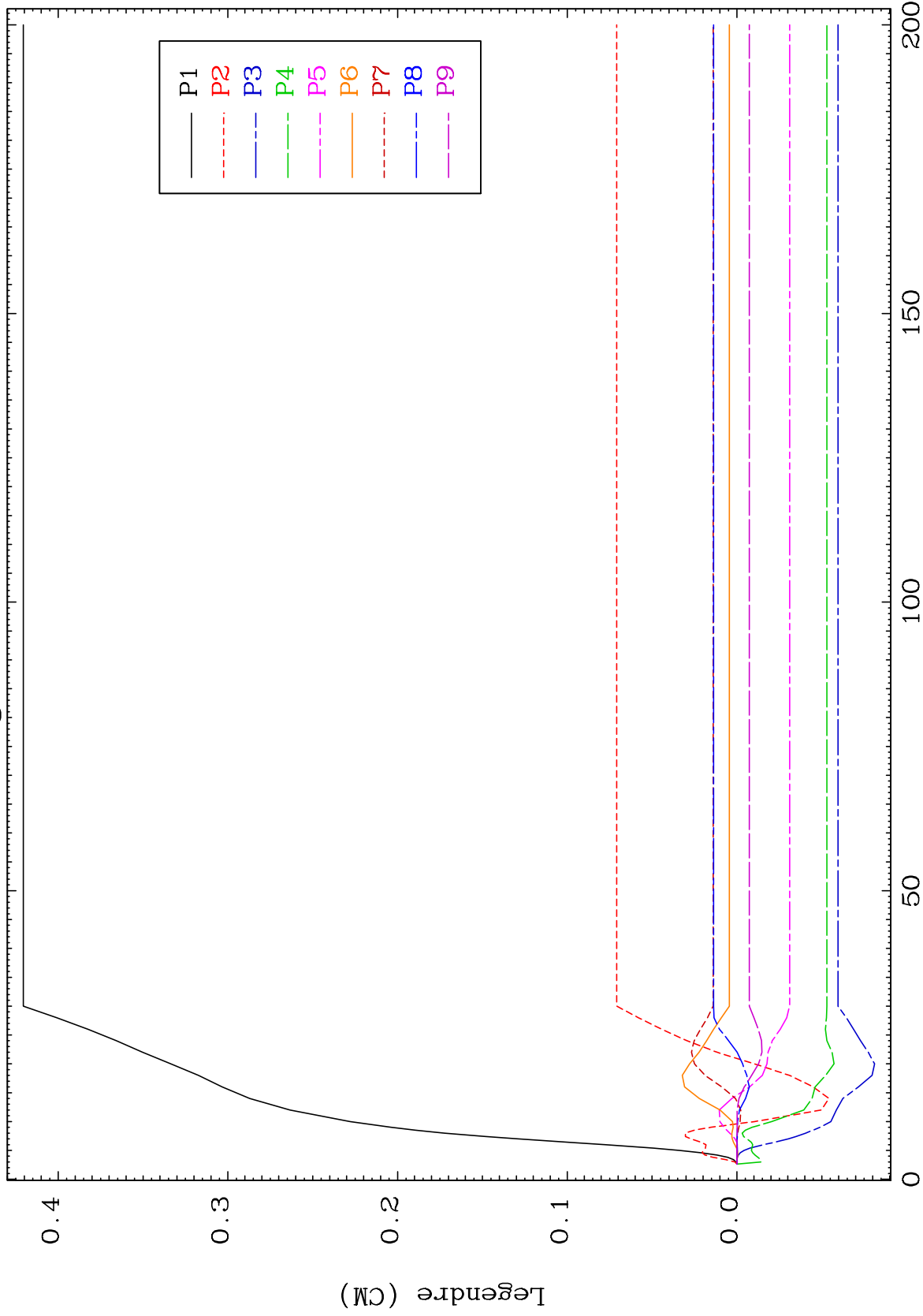
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



110

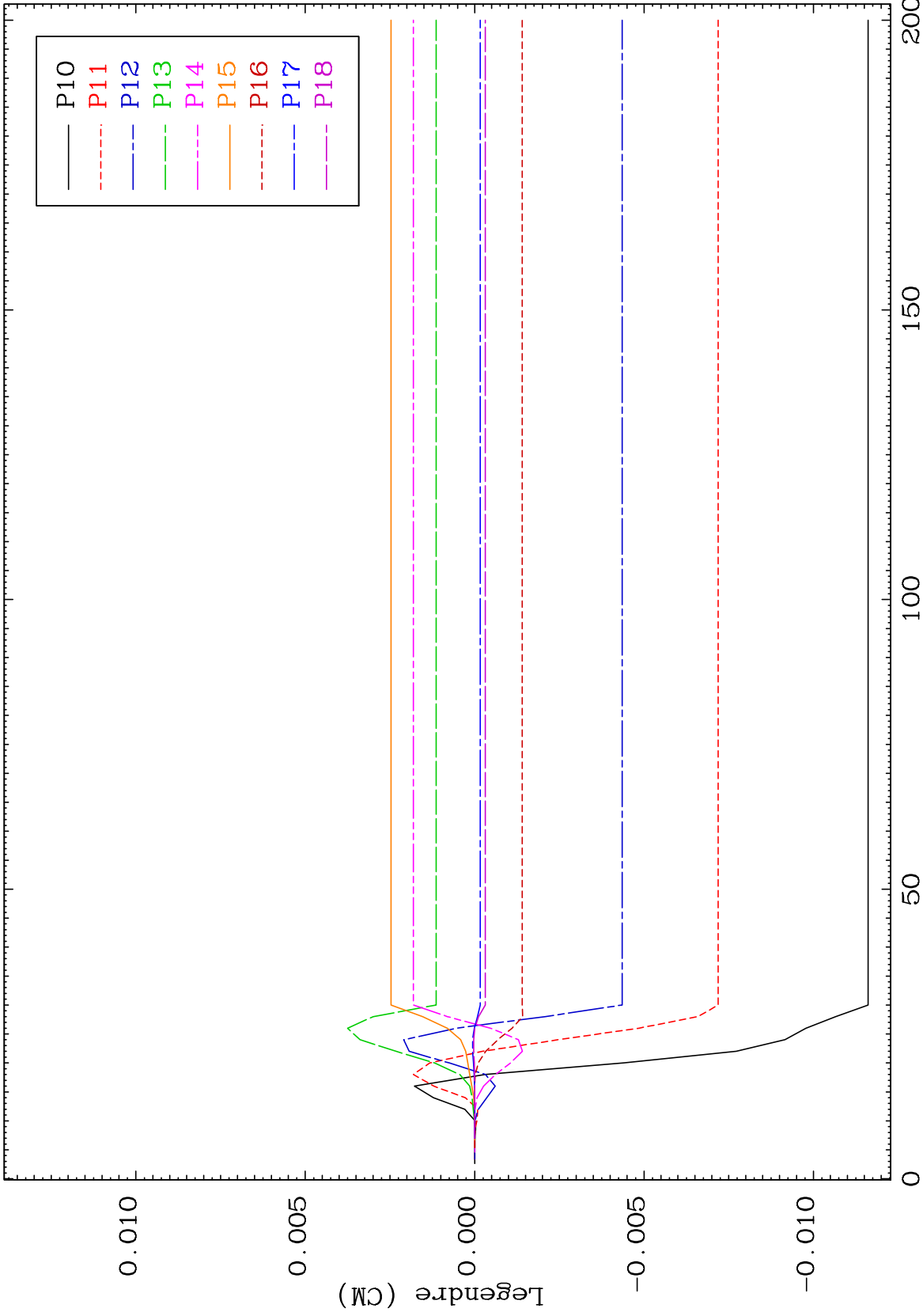
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



111

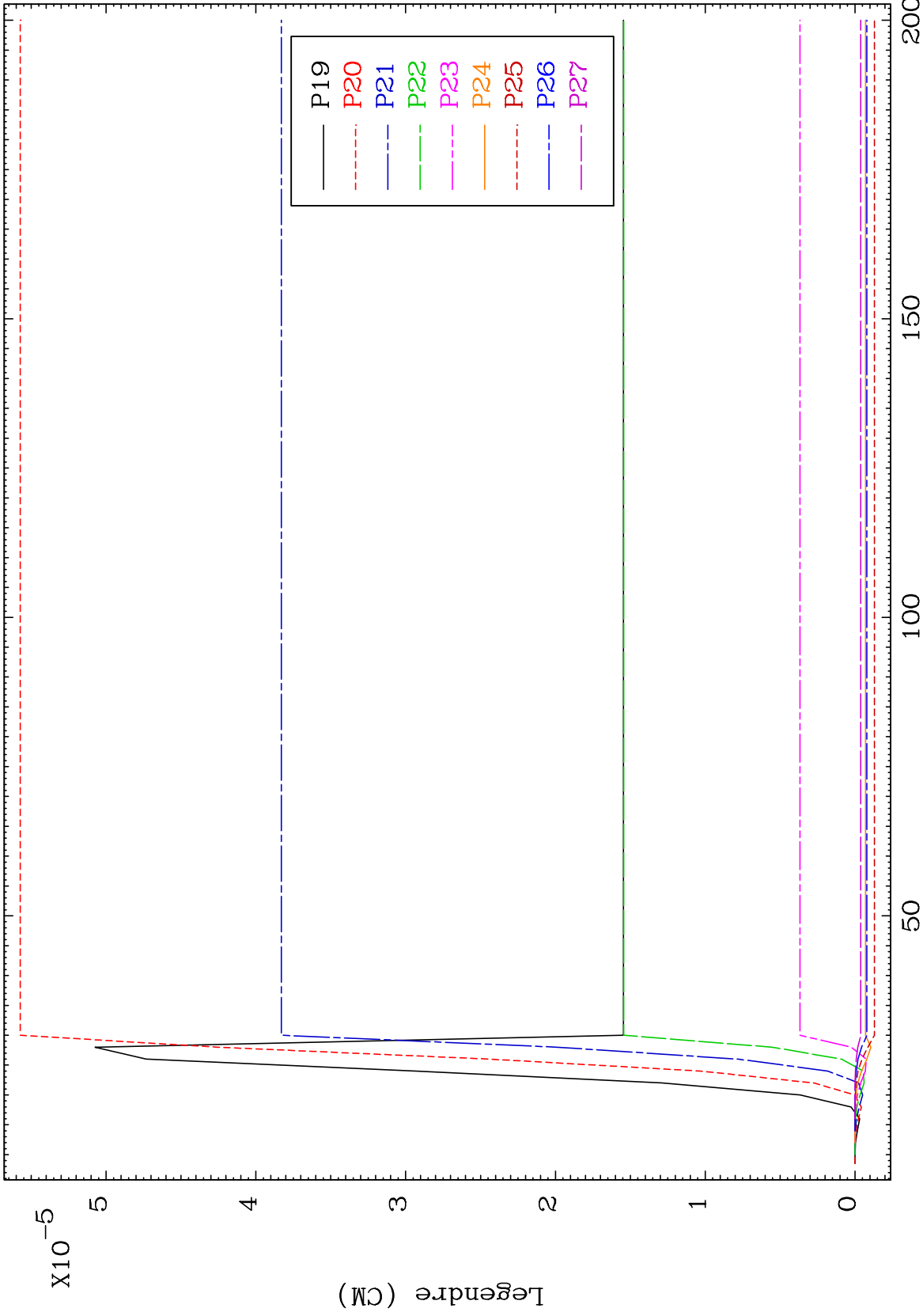
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



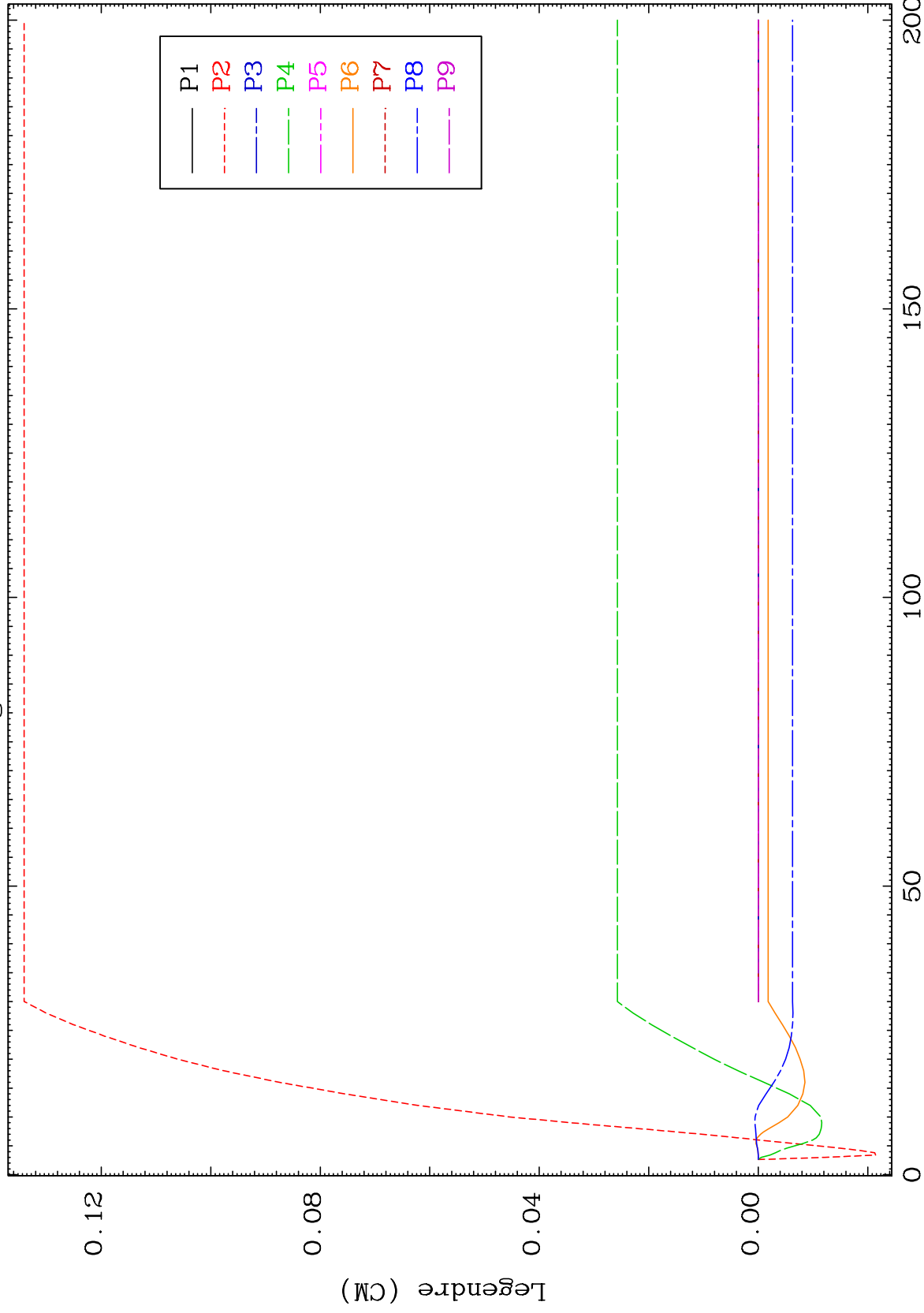
112

62-Sm-146

MAT 6231

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

62-Sm-146



114

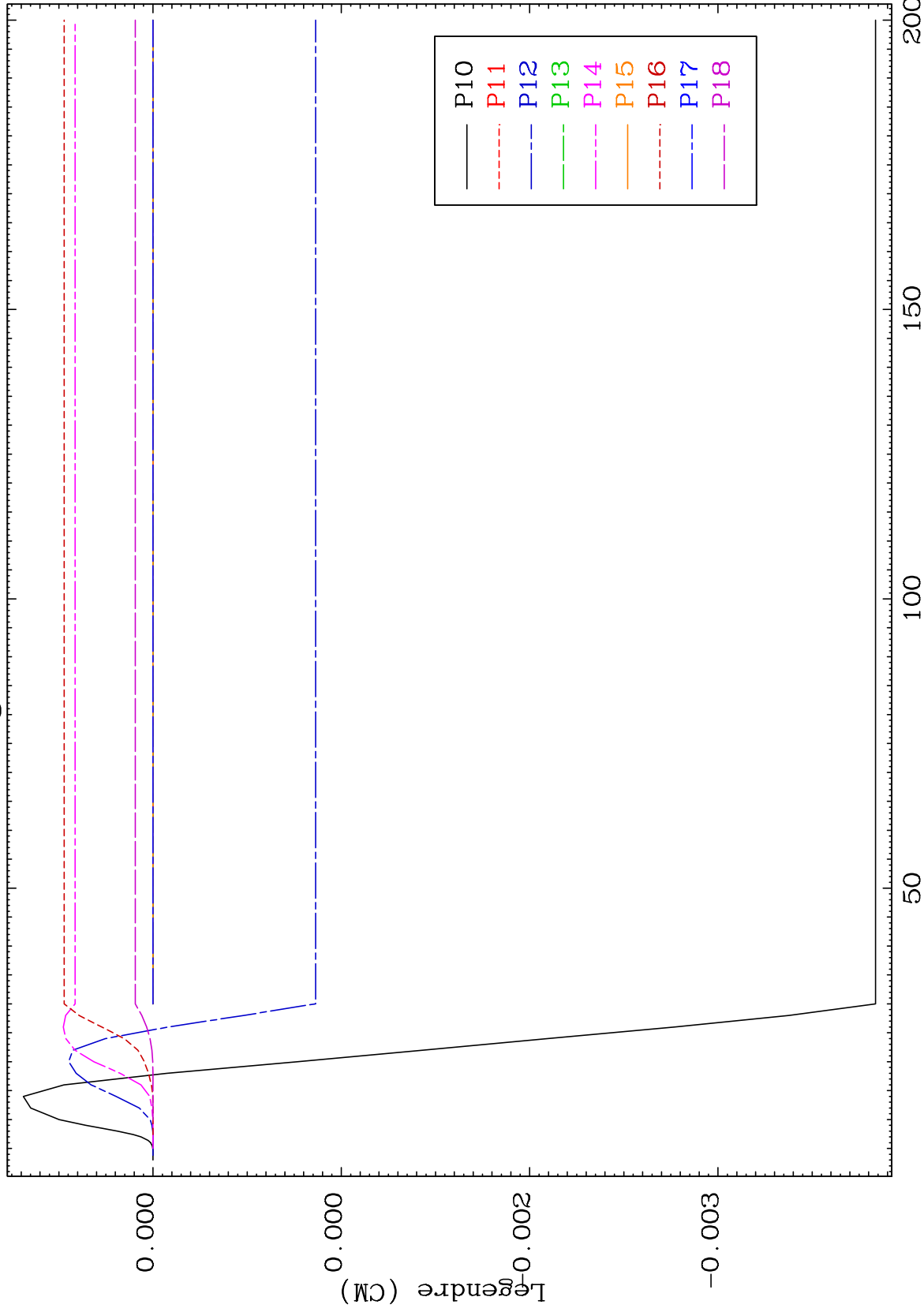
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



115

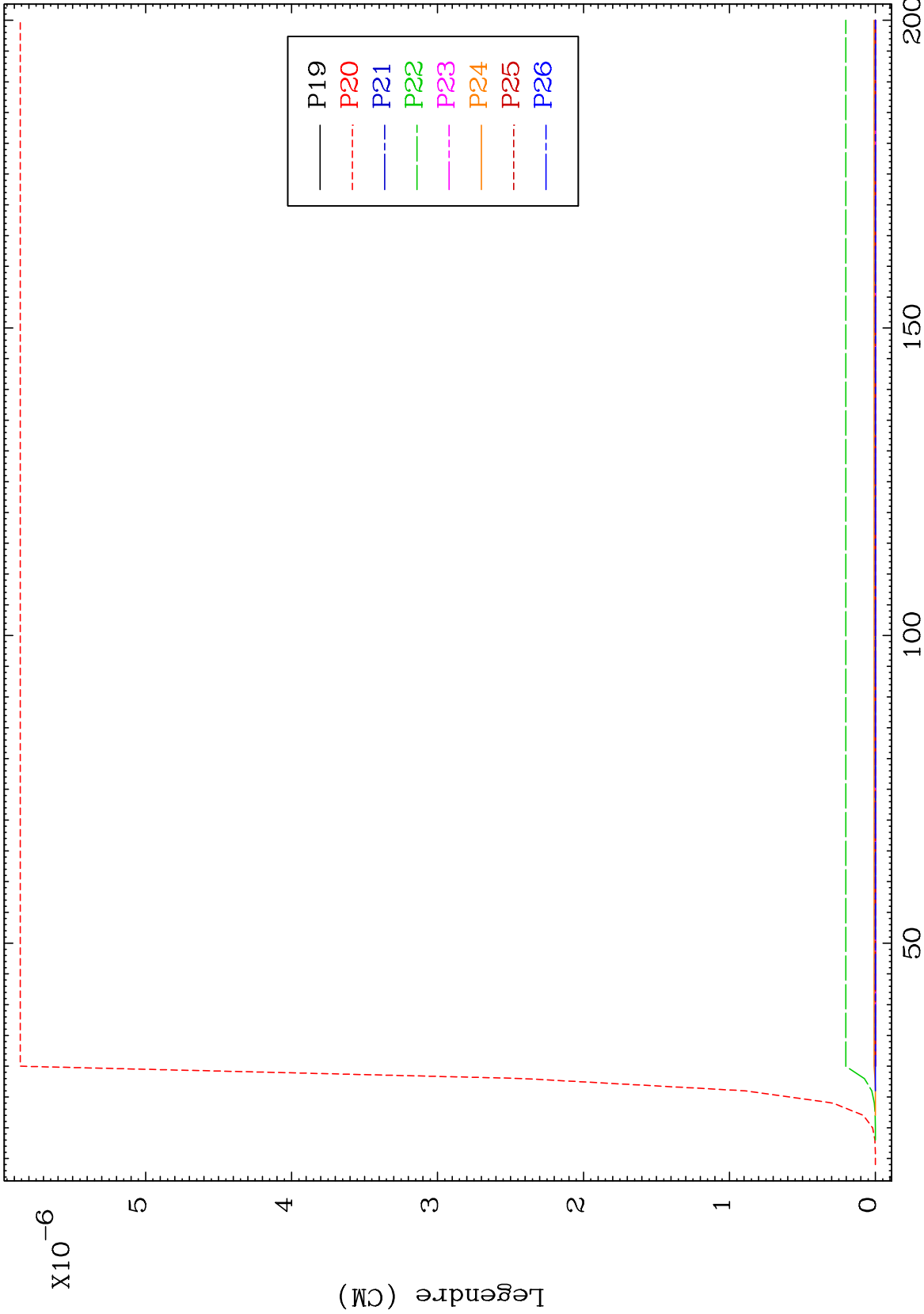
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



116

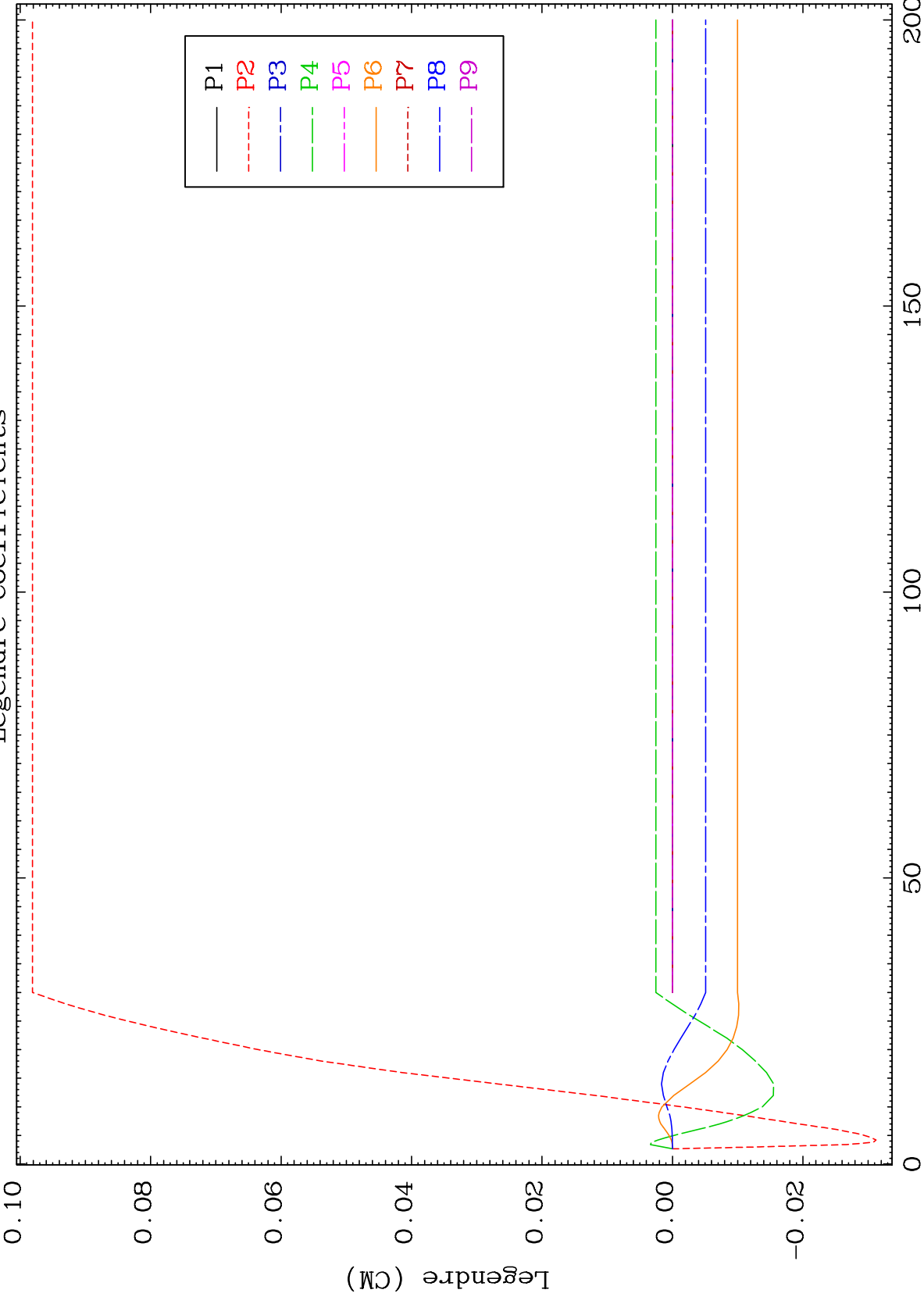
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



62-Sm-146

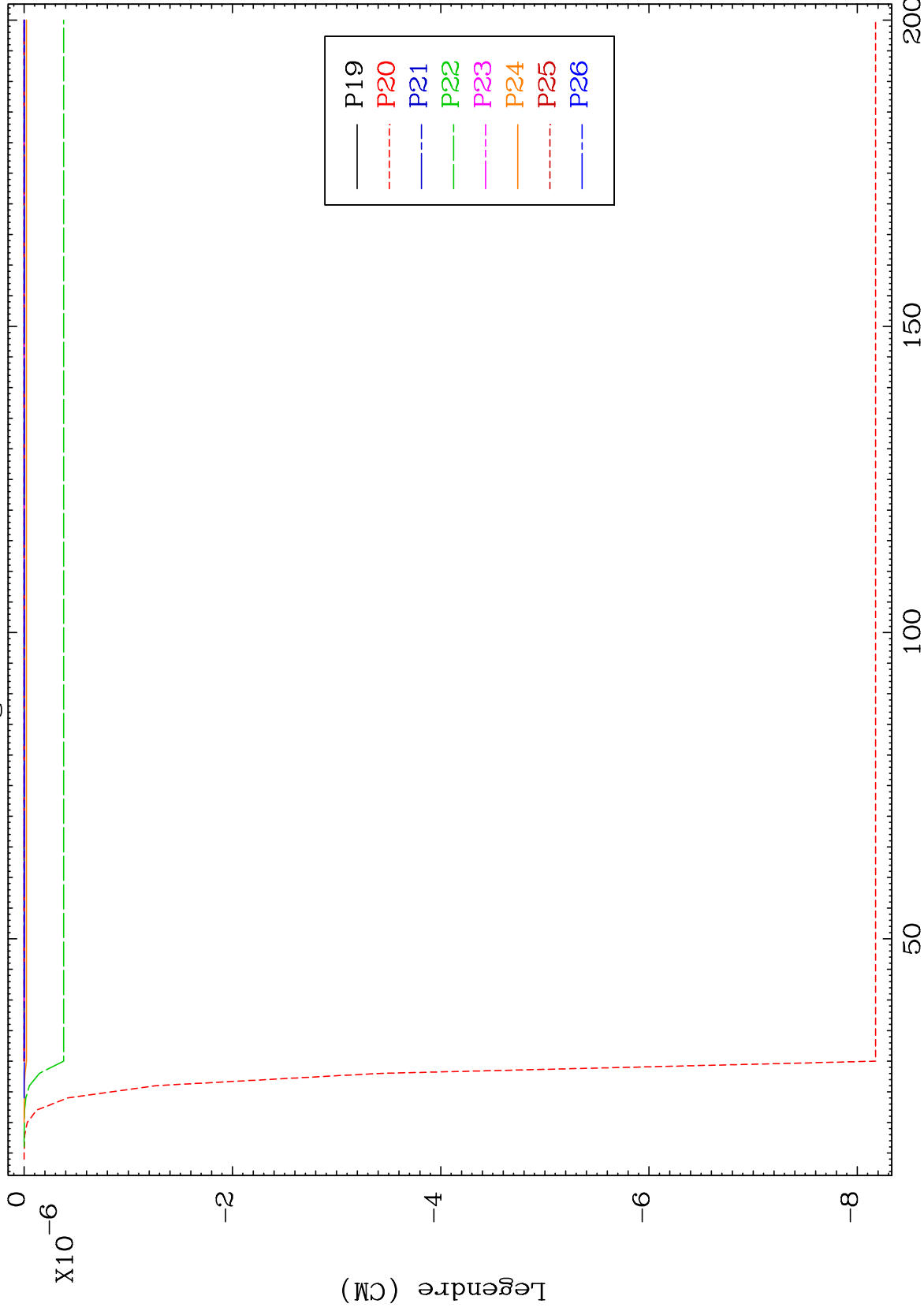
Incident Energy (MeV)

117

MAT 6231

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

62-Sm-146

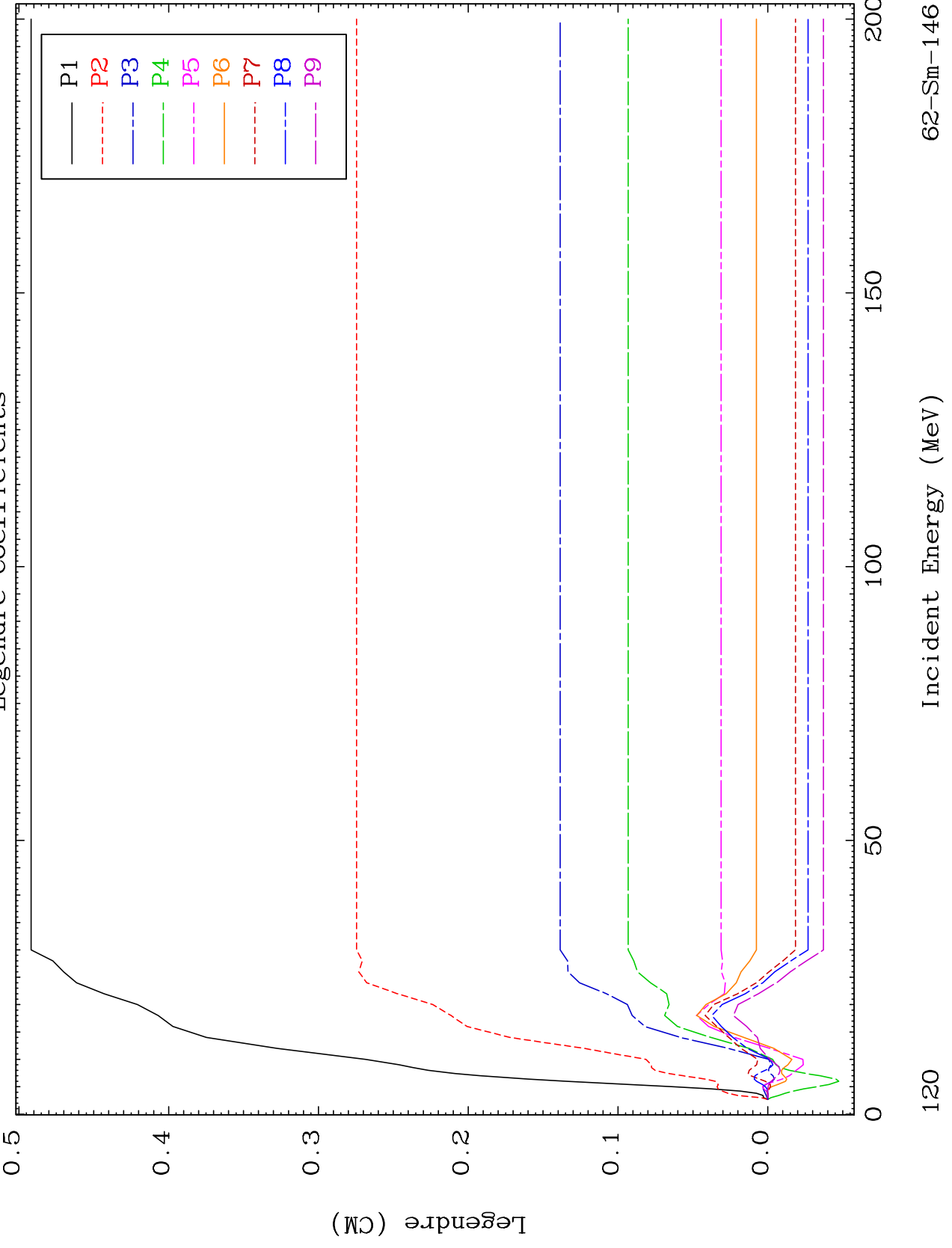


119

Incident Energy (MeV)

62-Sm-146

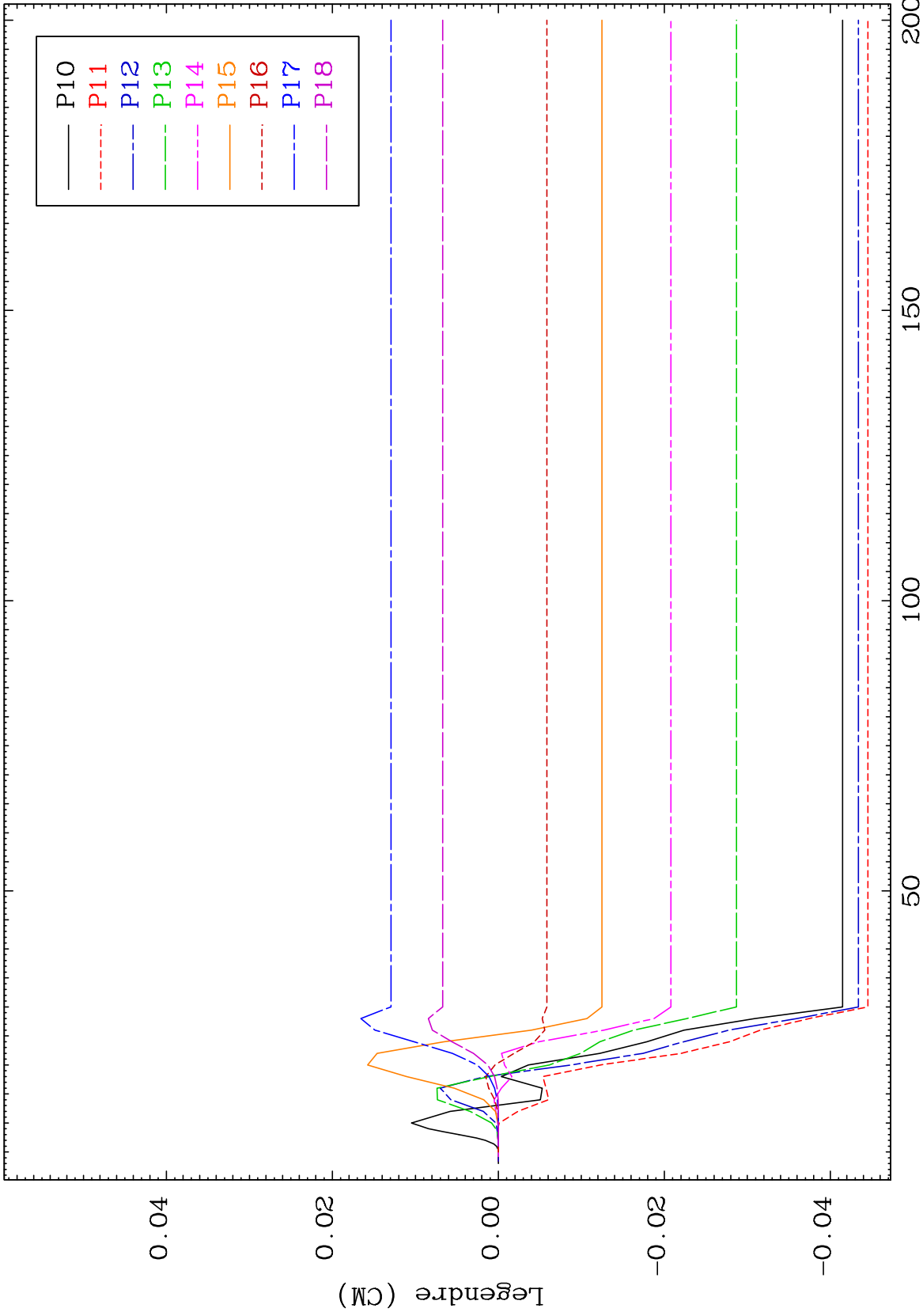
MAT 6231 MT= 78 (n,n') Level Legendre Coefficients 62-Sm-146



MAT 6231

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

62-Sm-146



121

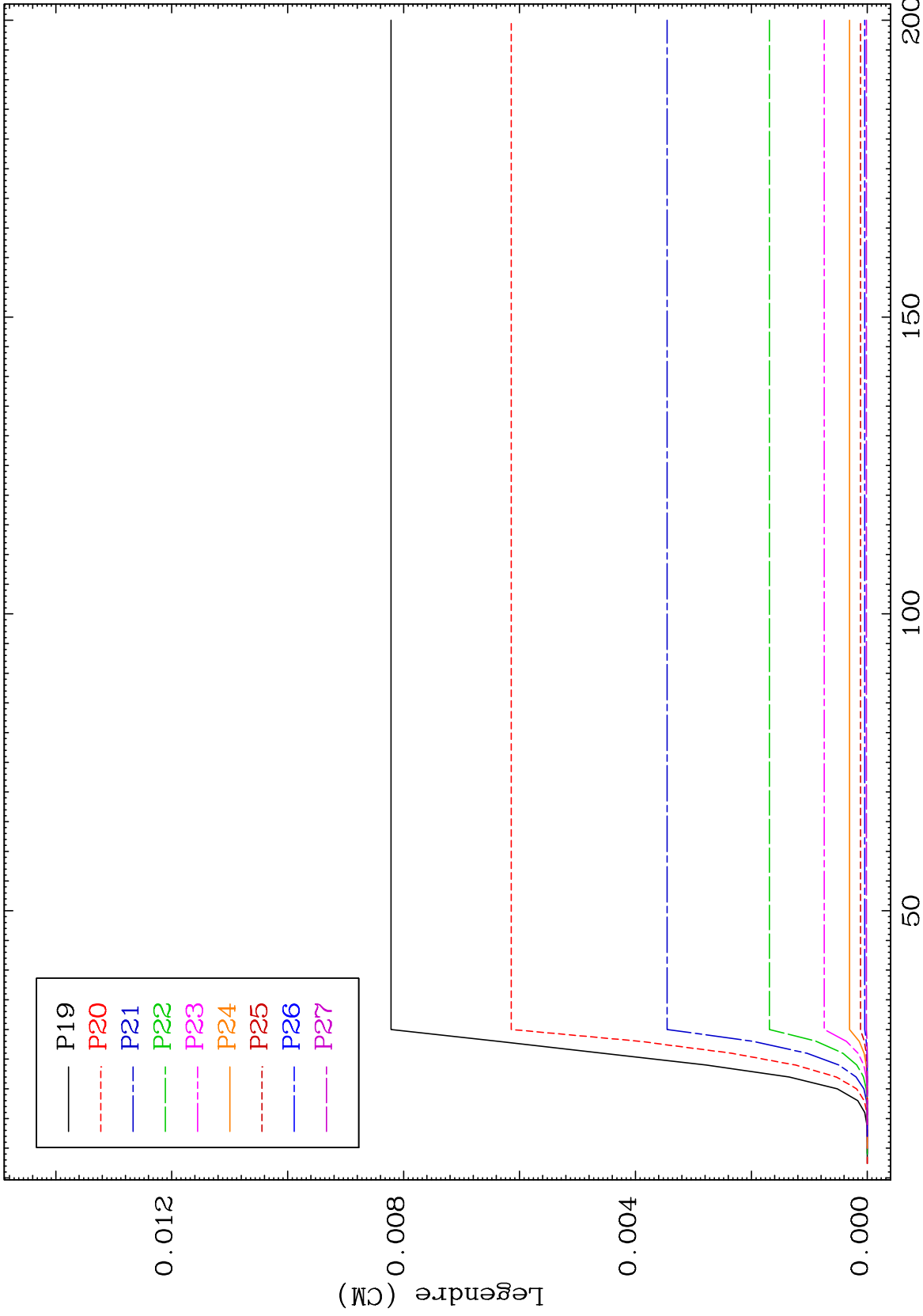
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



122

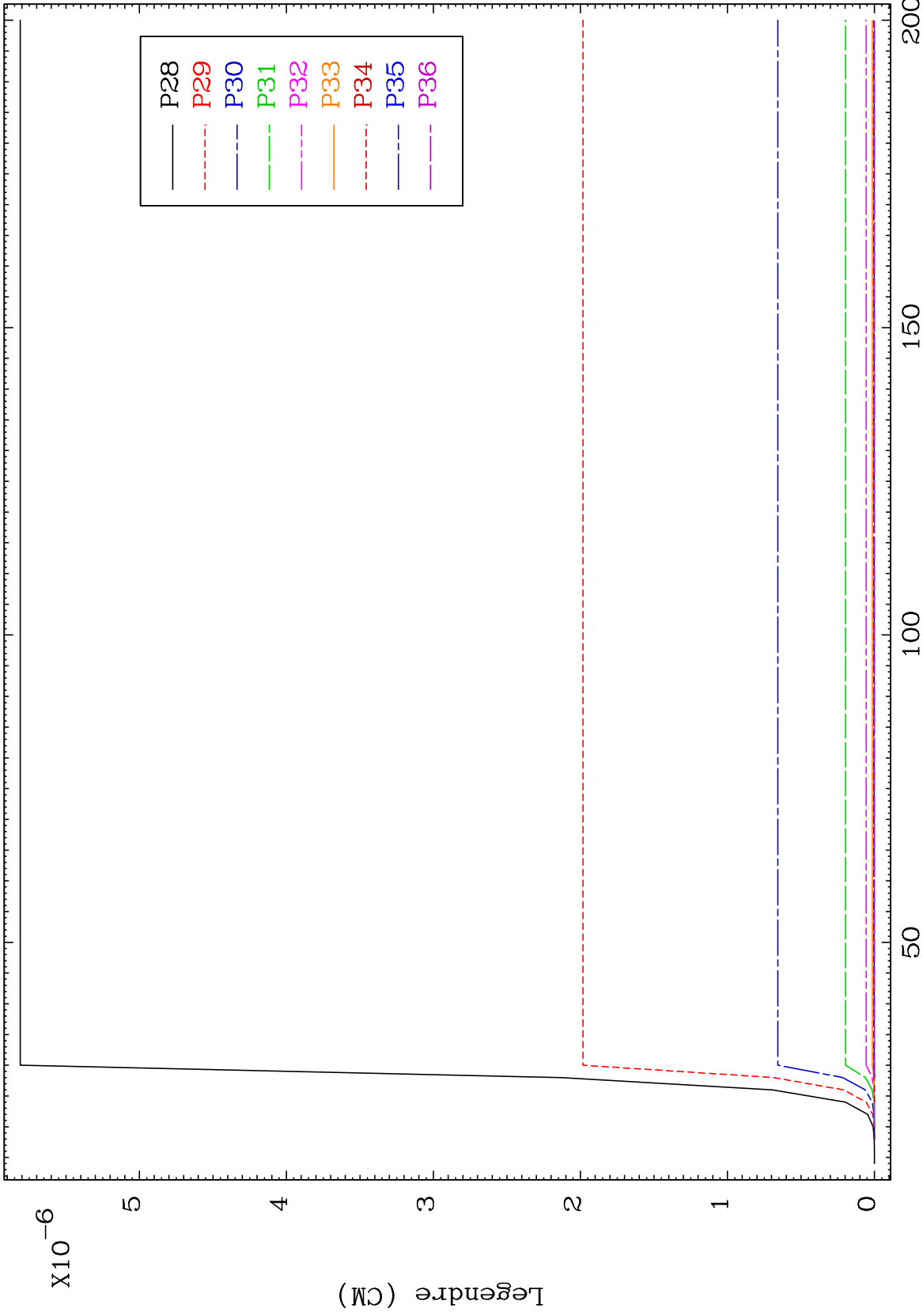
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



123

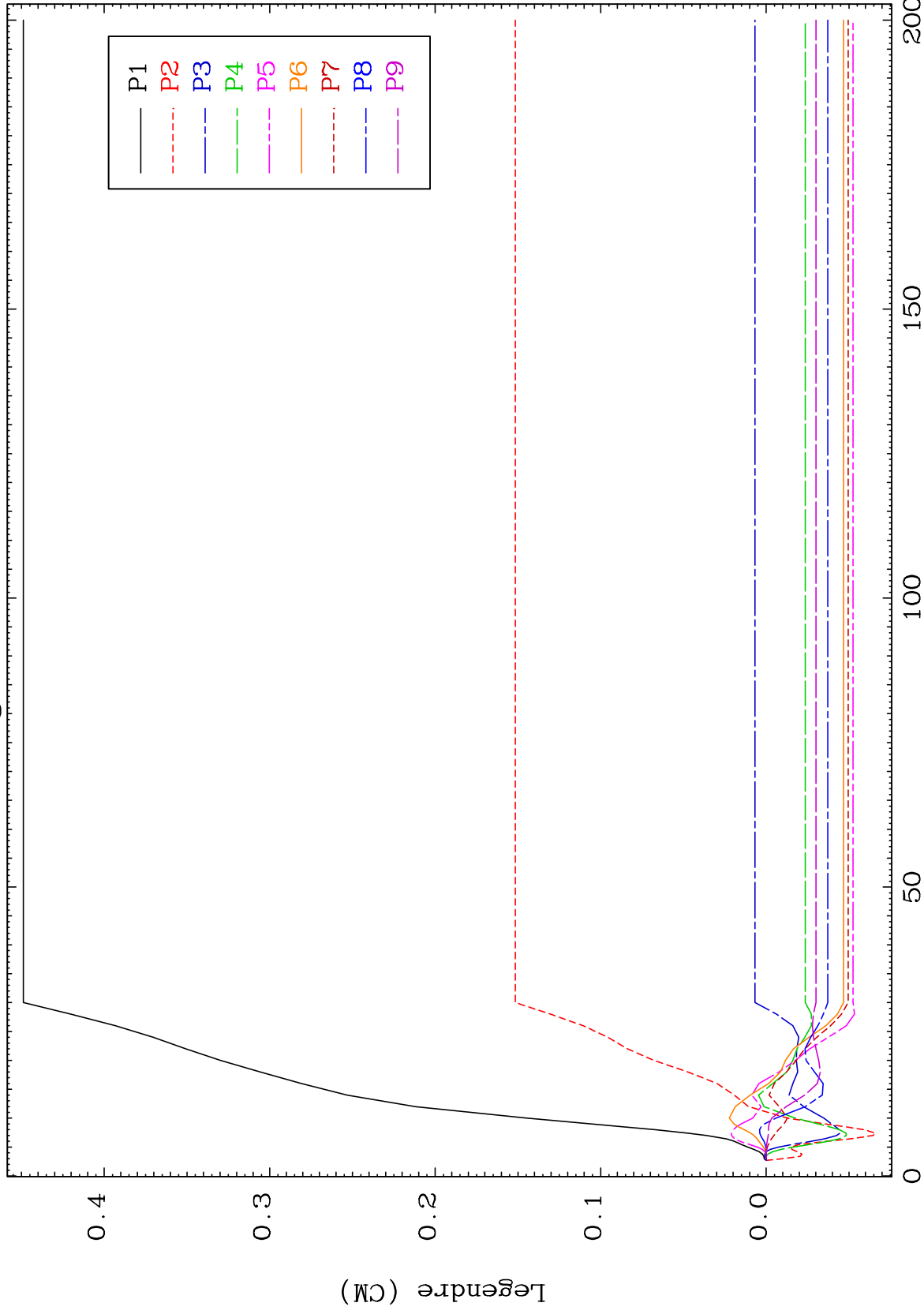
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



124

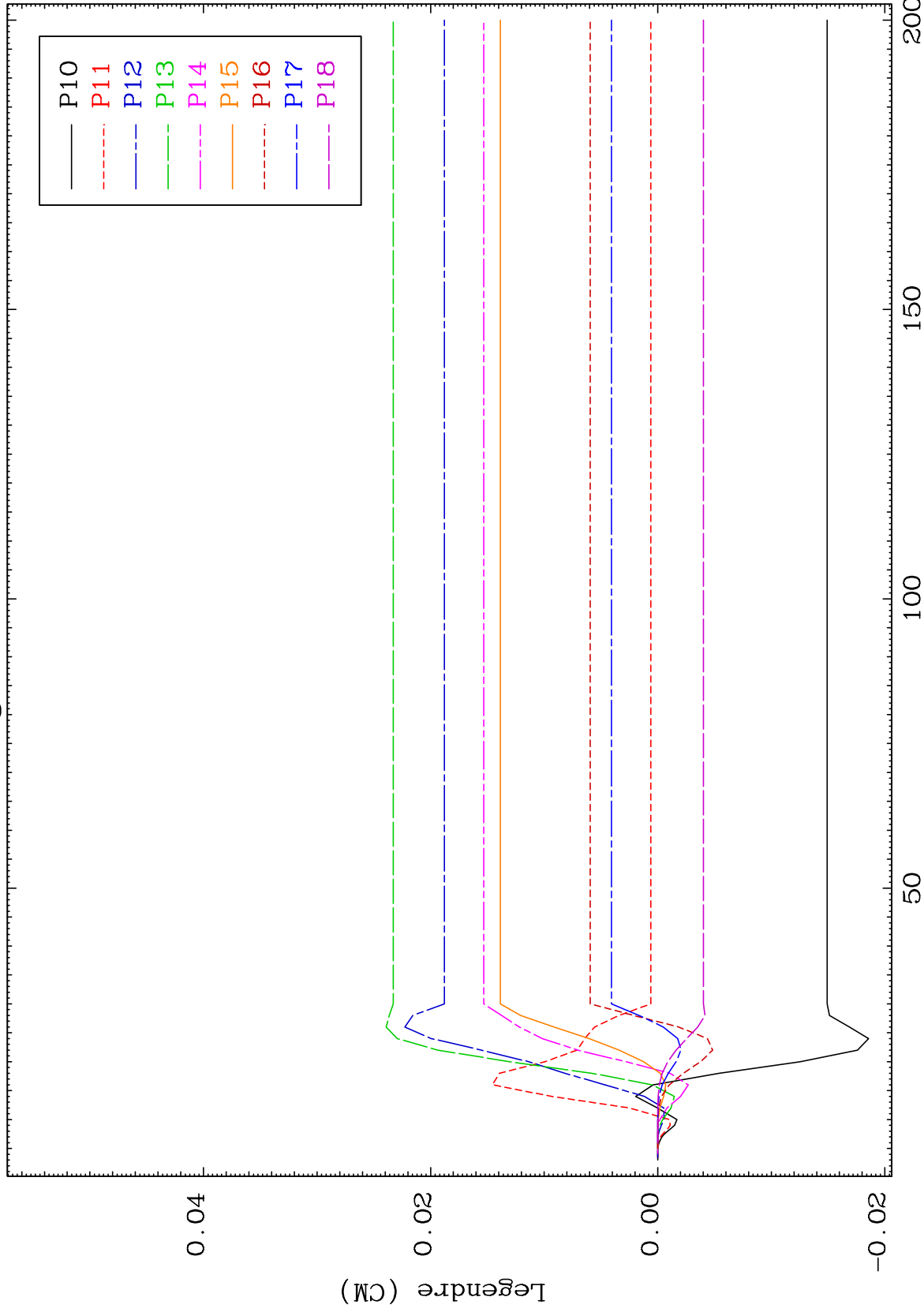
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



125

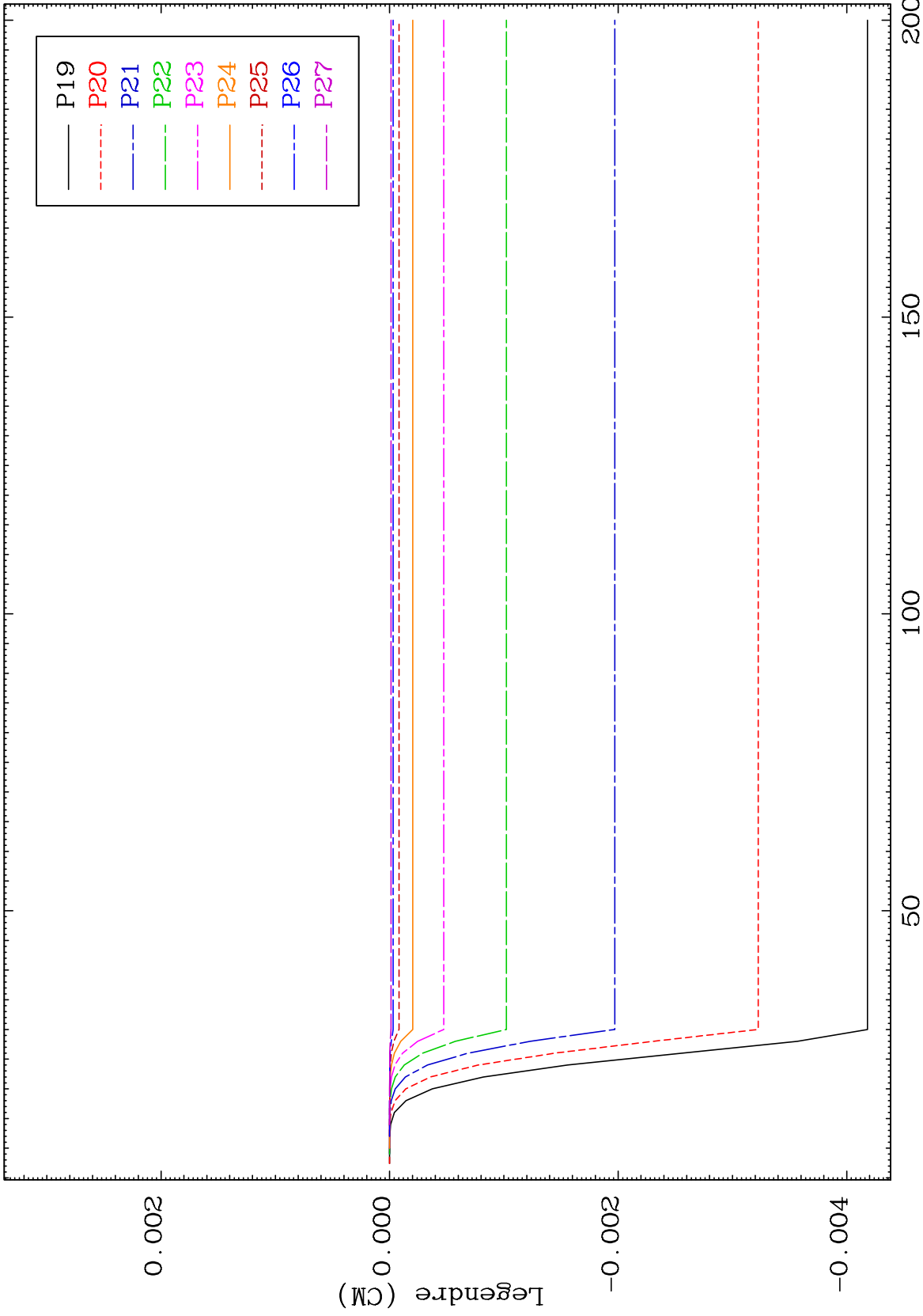
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



126

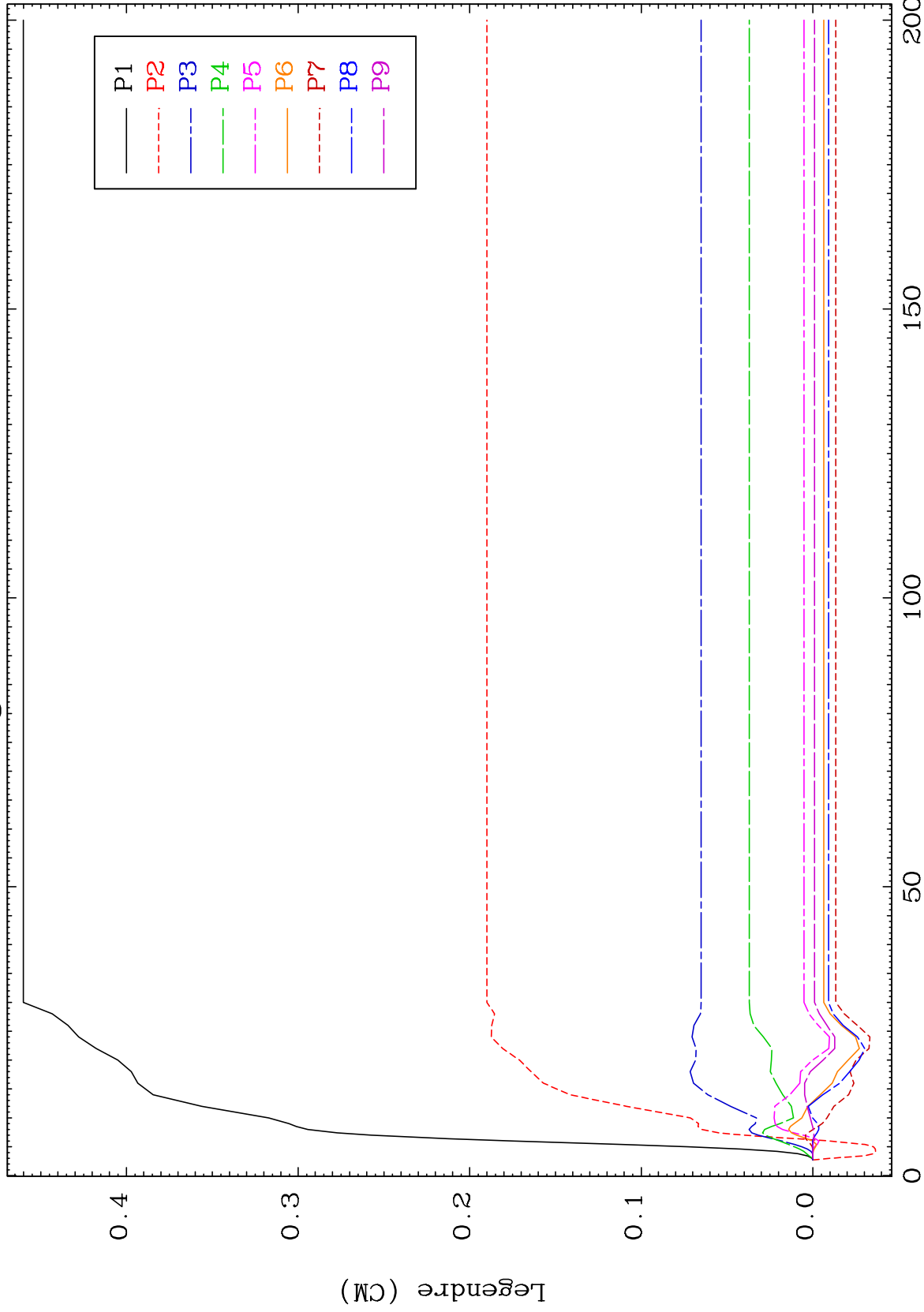
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



128

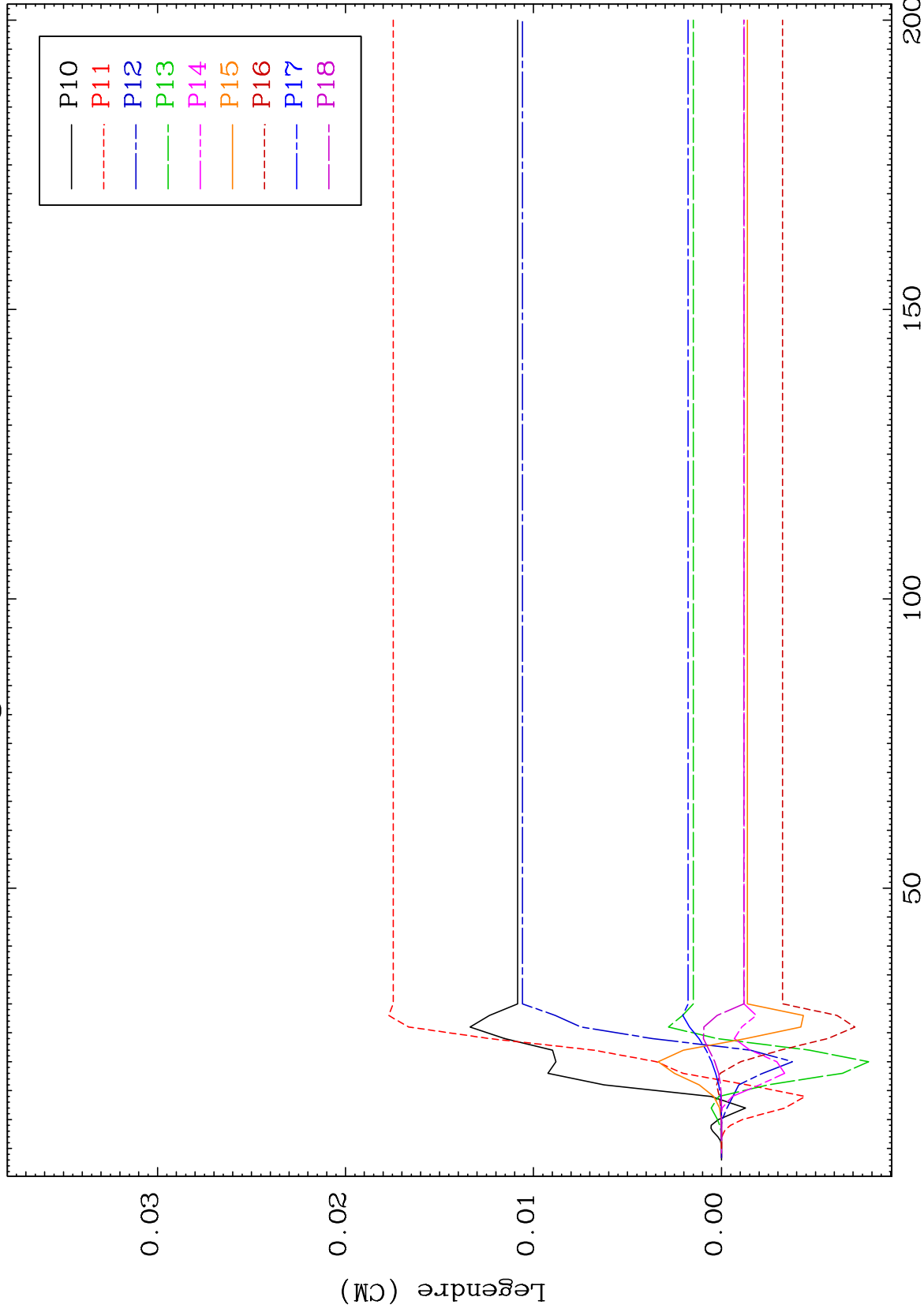
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



129

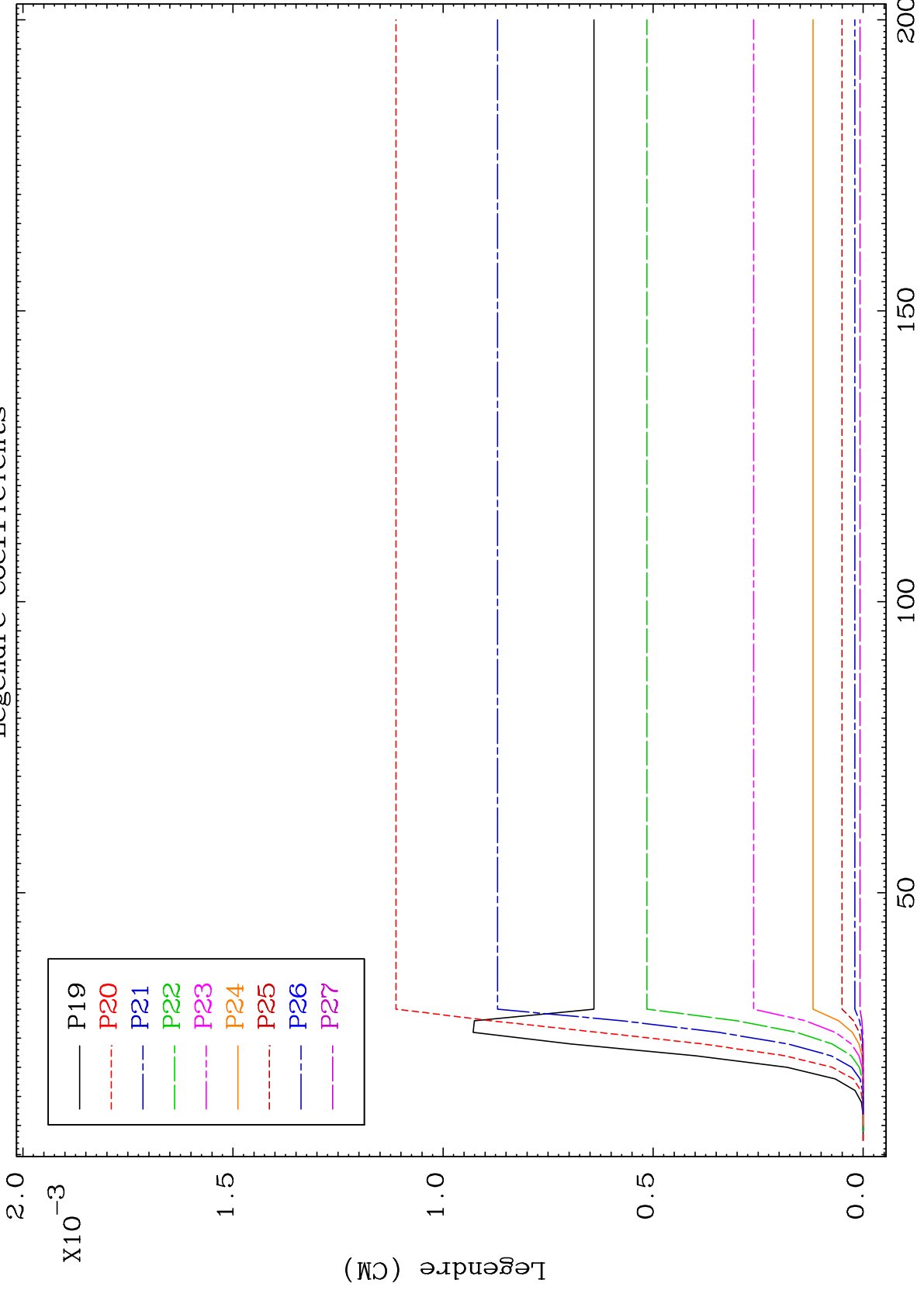
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



62-Sm-146

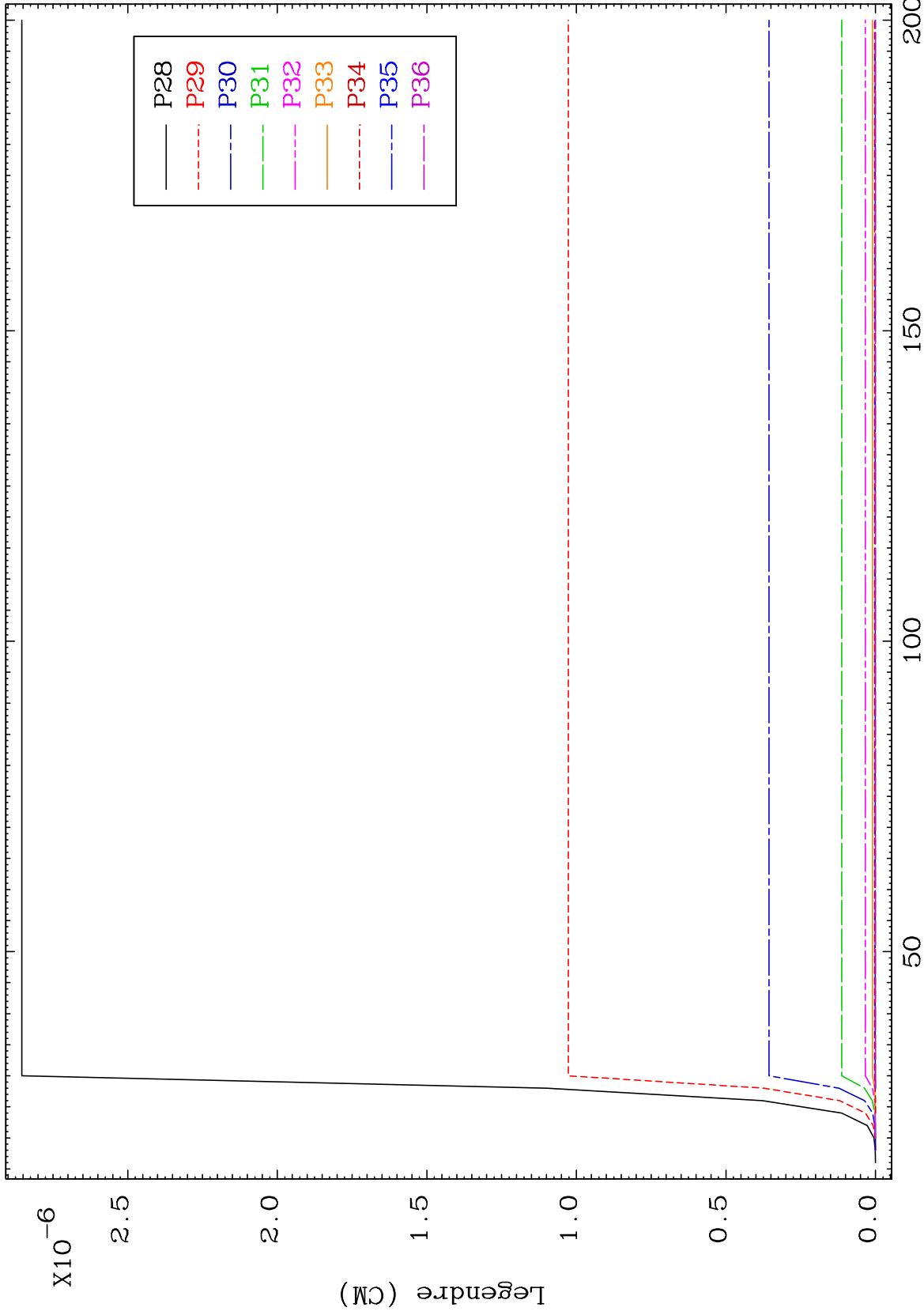
Incident Energy (MeV)

130

MAT 6231

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

62-Sm-146



131

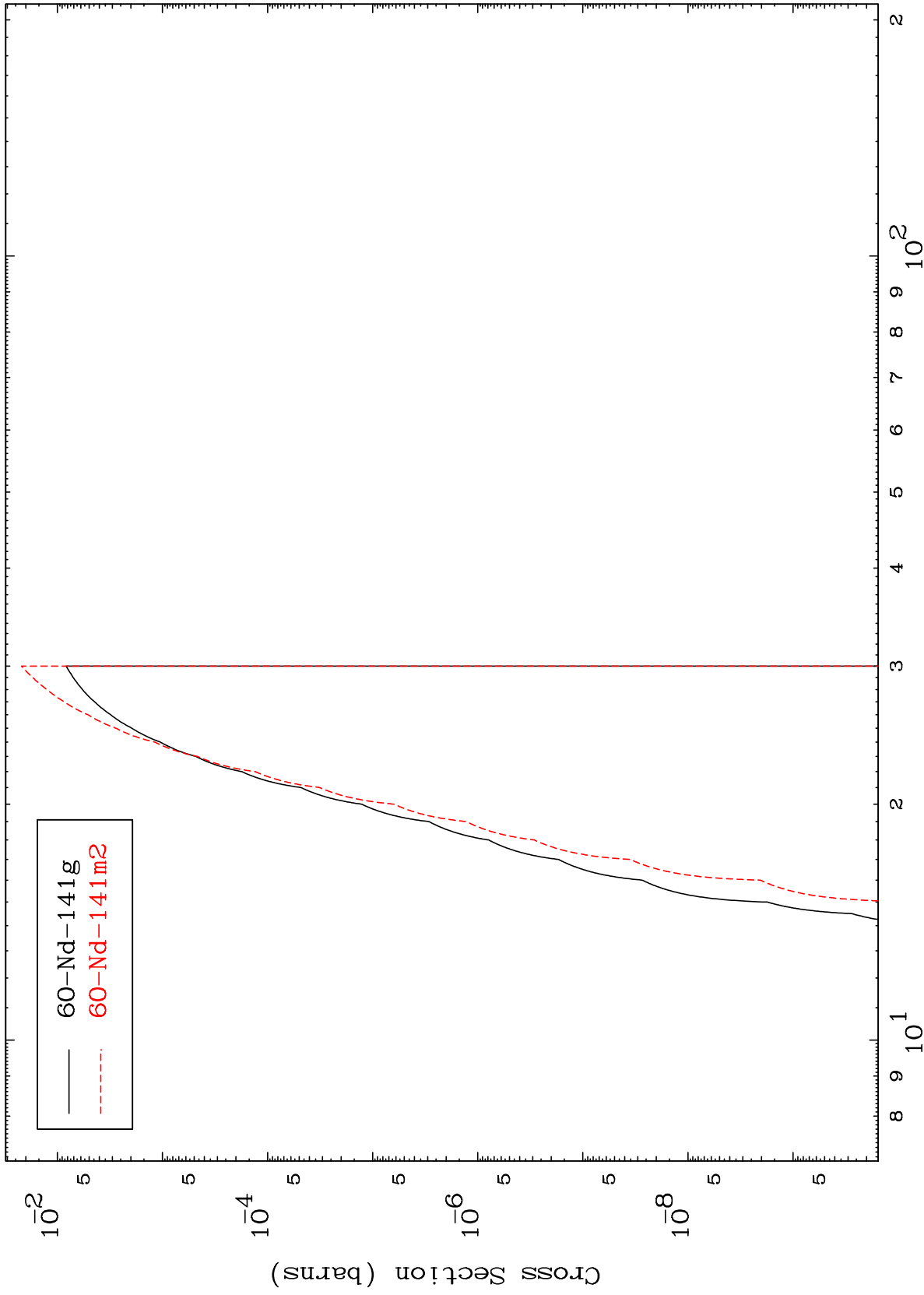
62-Sm-146

MAT 6231

(n,2n) α

62-Sm-146

Radionuclide Production Cross Section



132

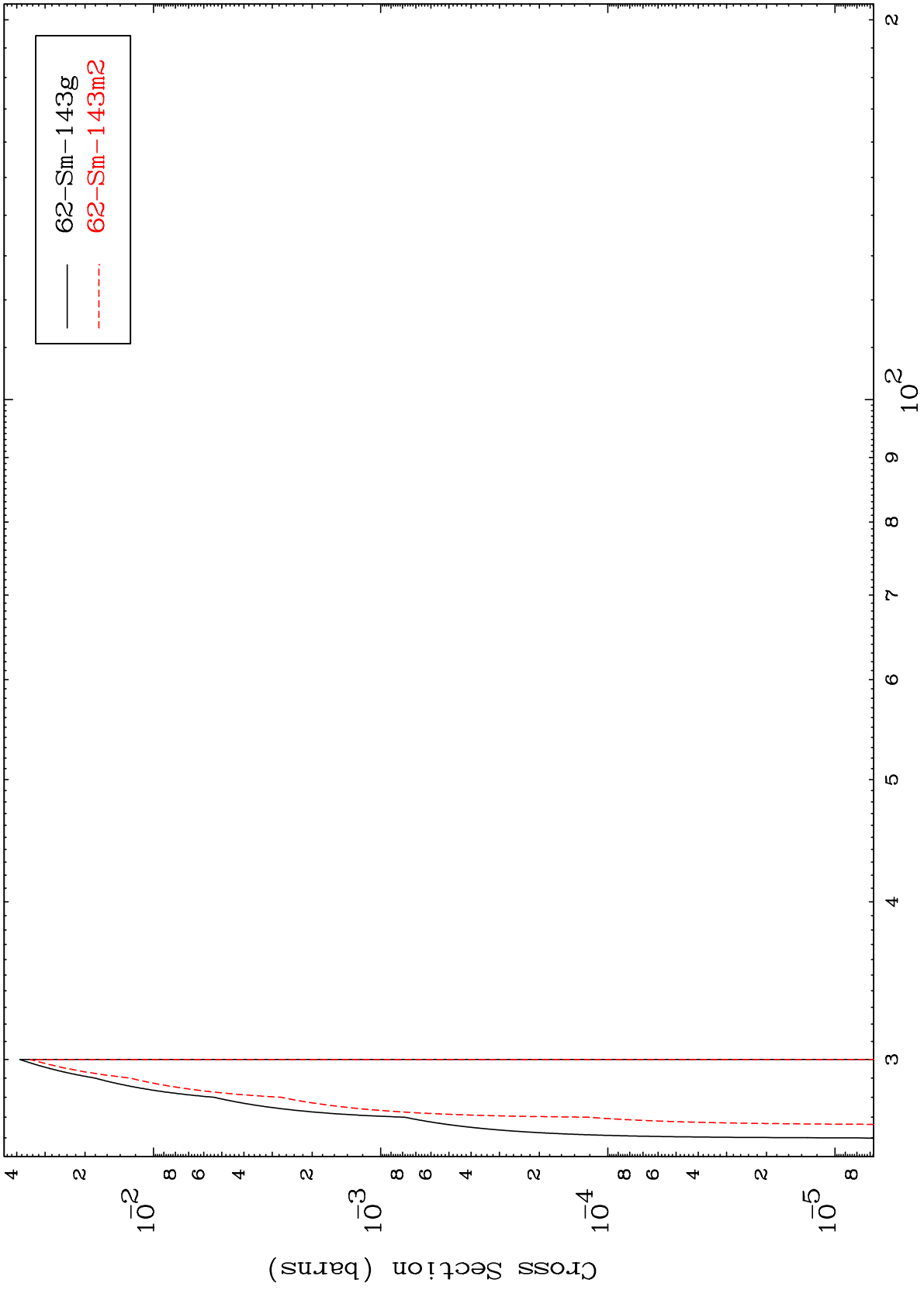
Incident Energy (MeV)

62-Sm-146

MAT 6231

62-Sm-146

(n,4n)
Radionuclide Production Cross Section



133

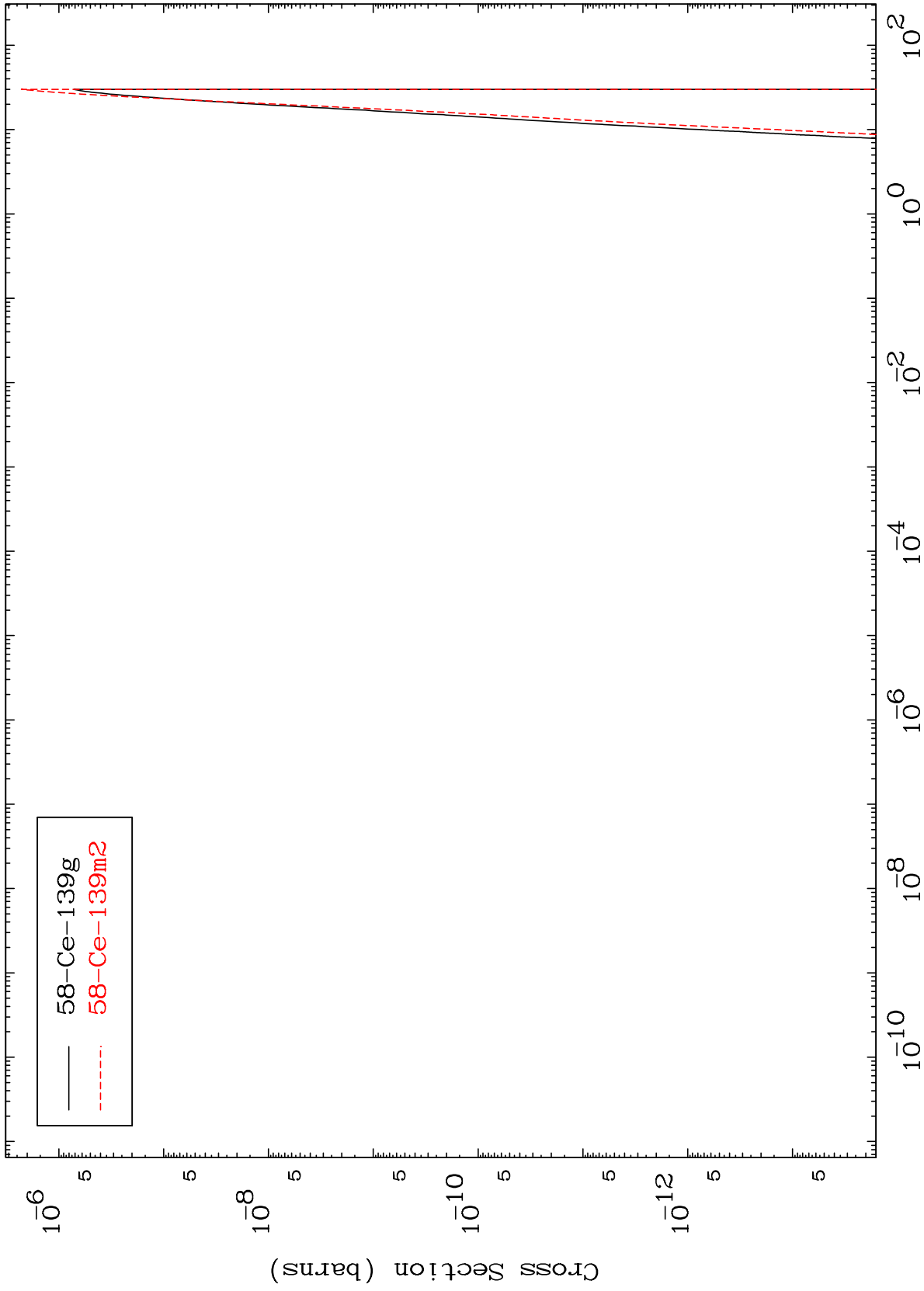
62-Sm-146

MAT 6231

(n,2α)

62-Sm-146

Radionuclide Production Cross Section



134

Incident Energy (MeV)

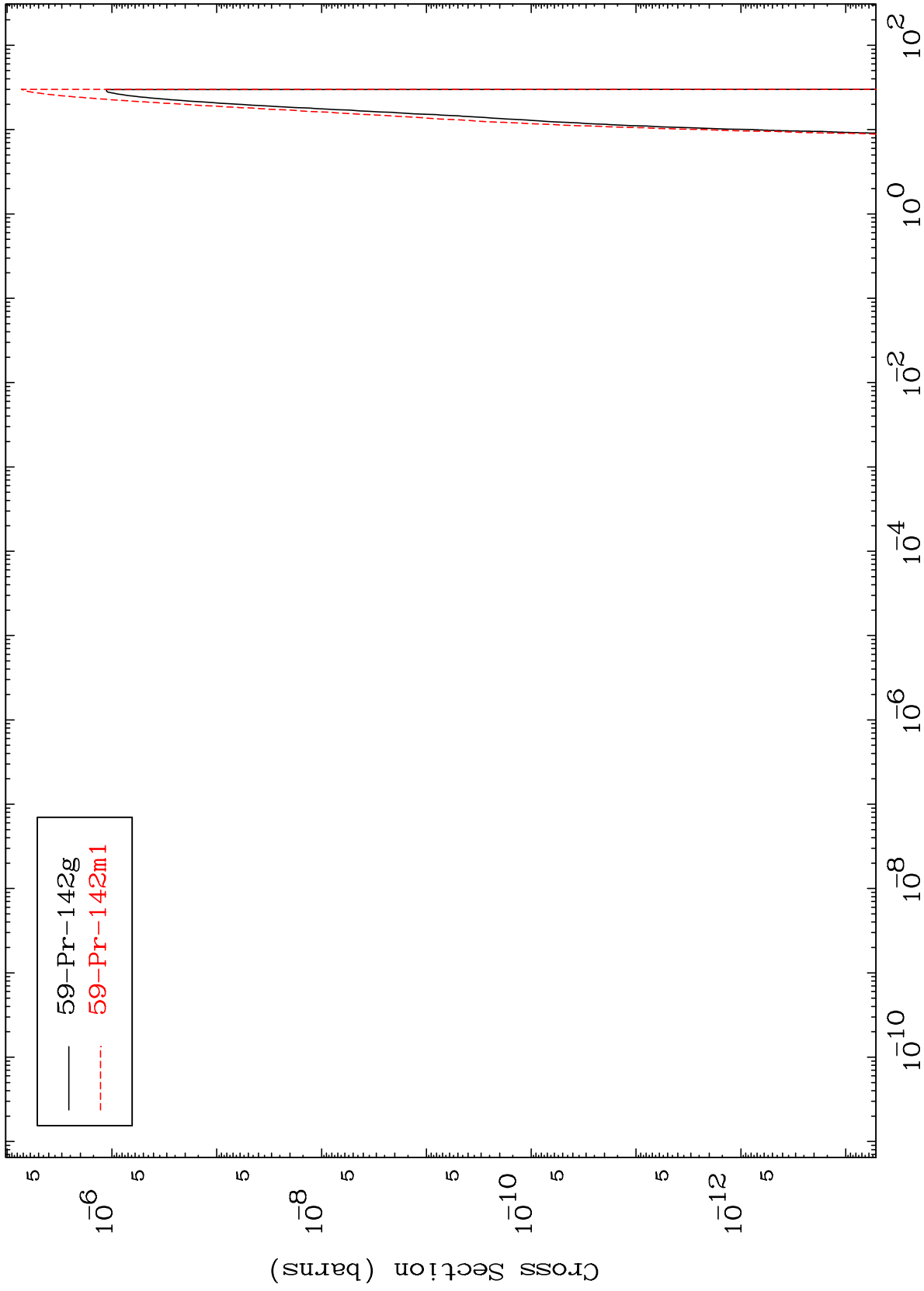
62-Sm-146

MAT 6231

(n,p) α

62-Sm-146

Radionuclide Production Cross Section



135

Incident Energy (MeV)

62-Sm-146