

Program EVALPLOT
(Version 2018-1)

by

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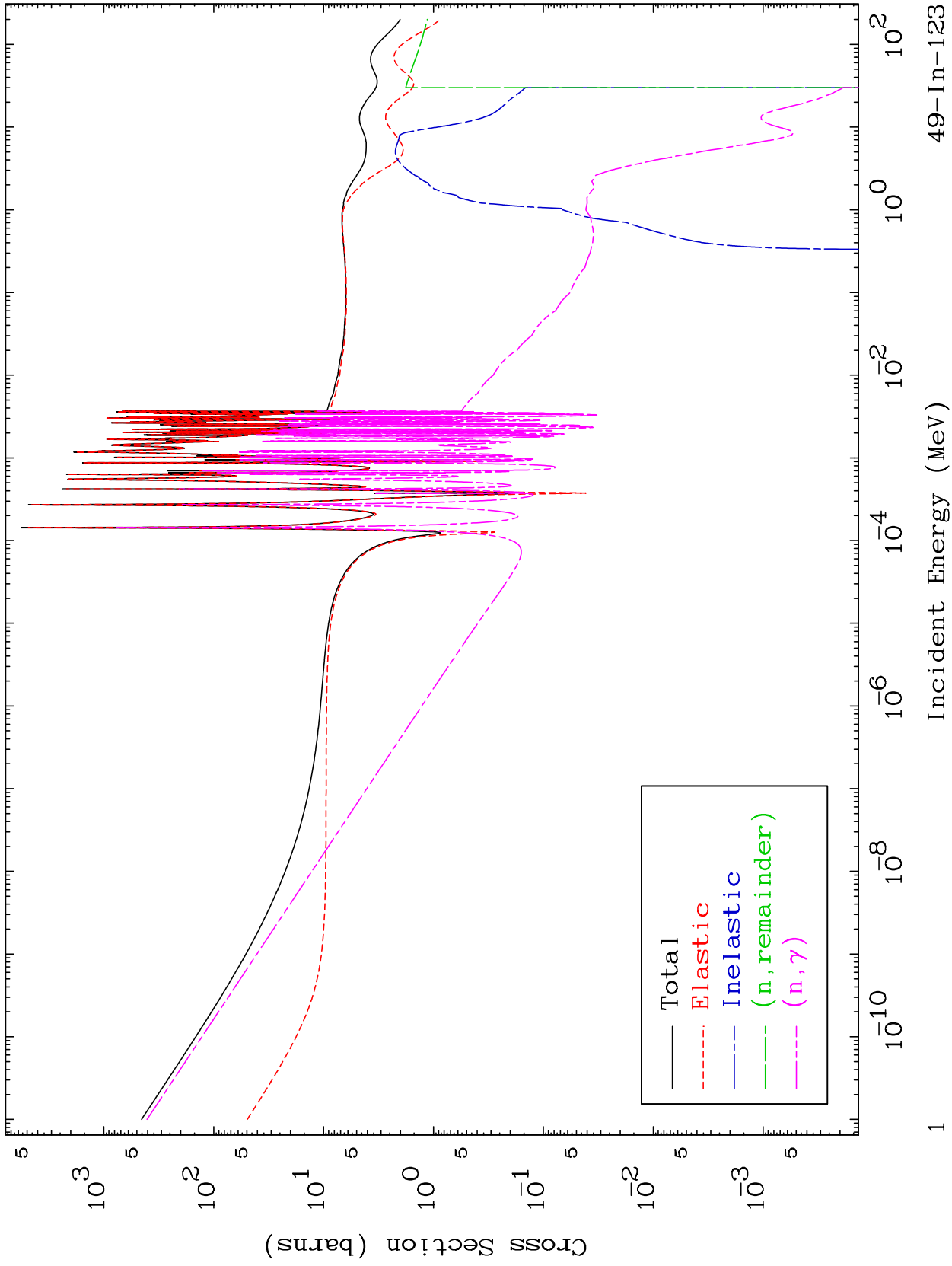
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4955

Major
293 Kelvin Cross Sections

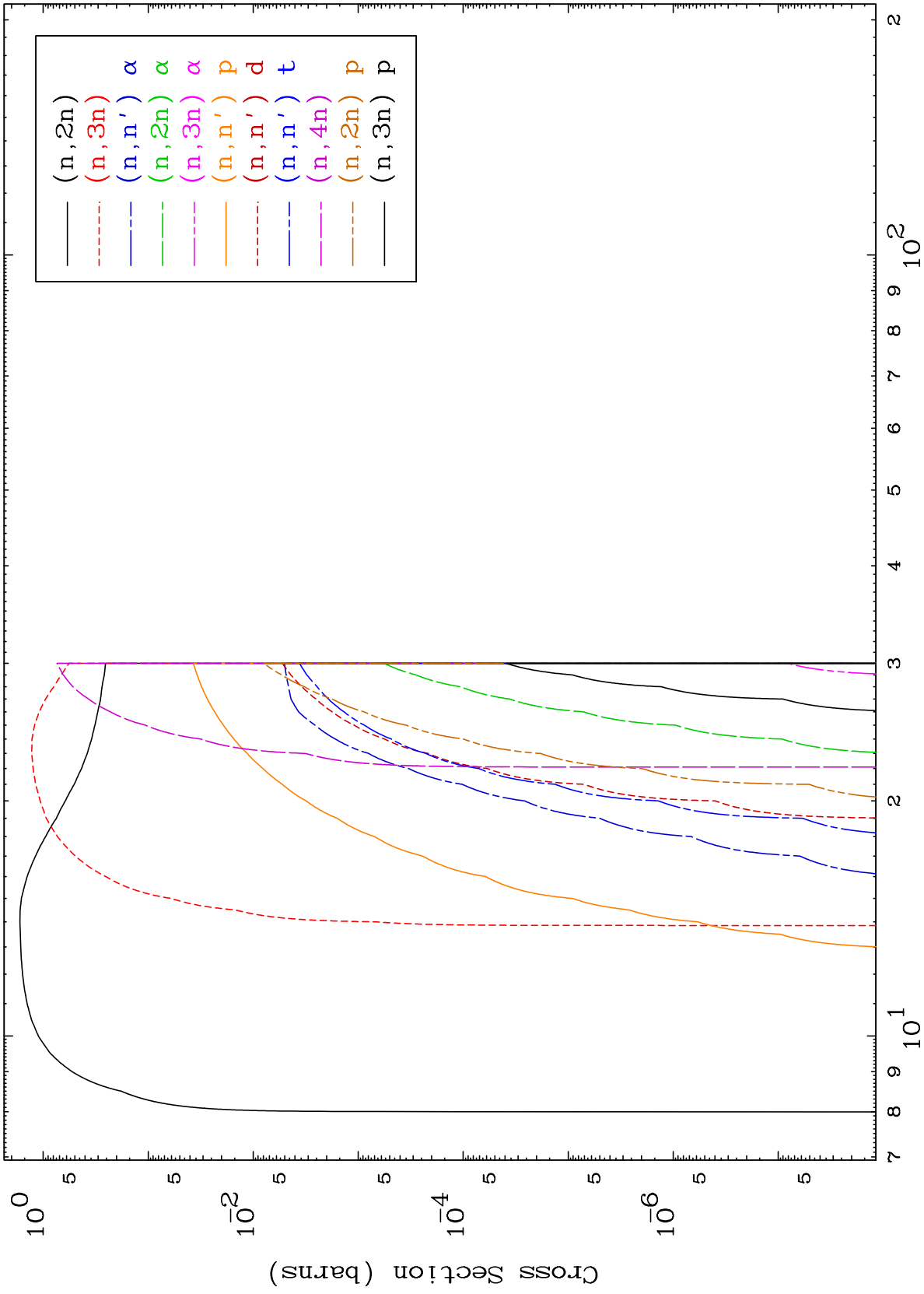
49-In-123



MAT 4955

Neutron Production
293 Kelvin Cross Sections

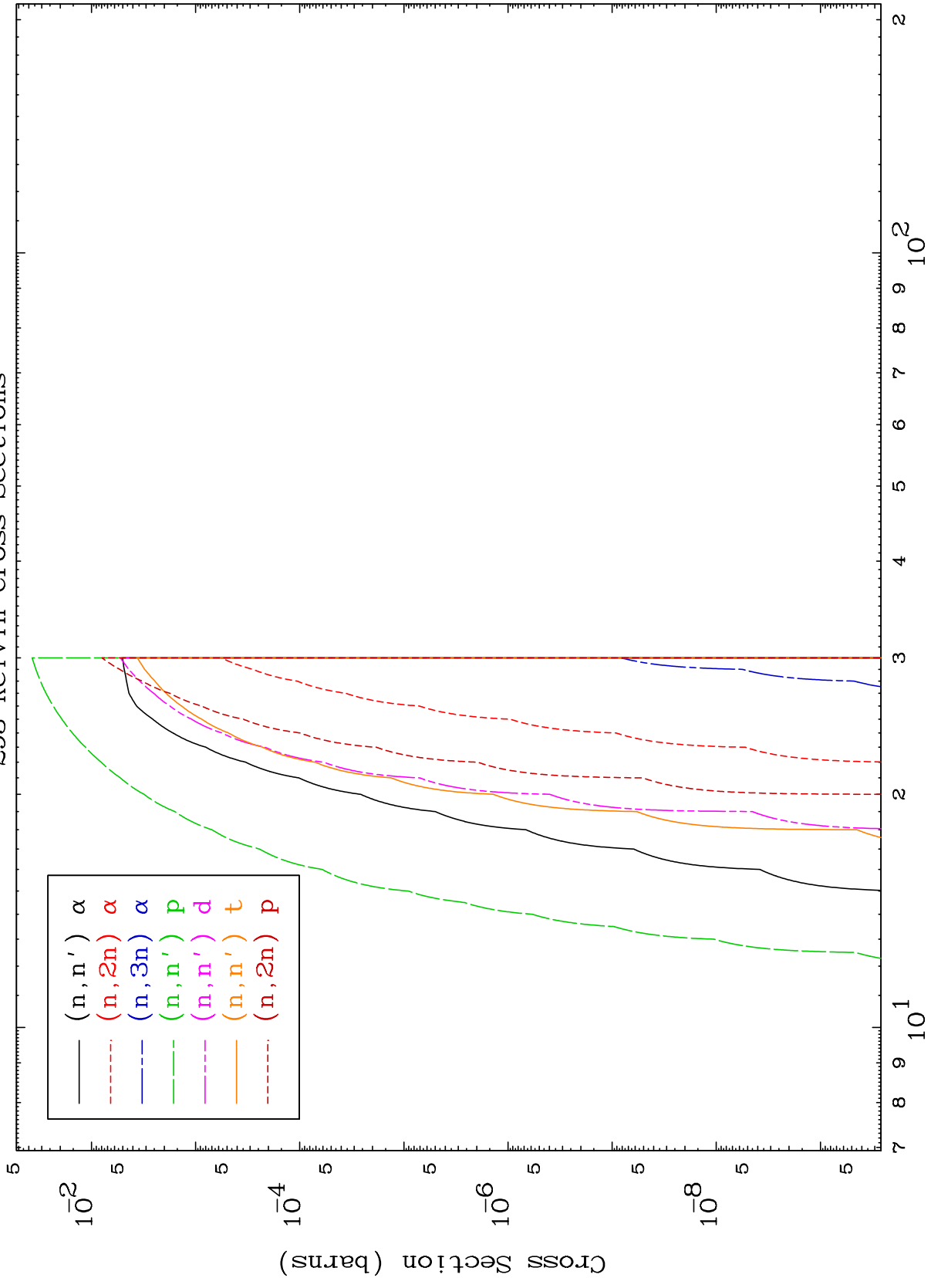
49-In-123

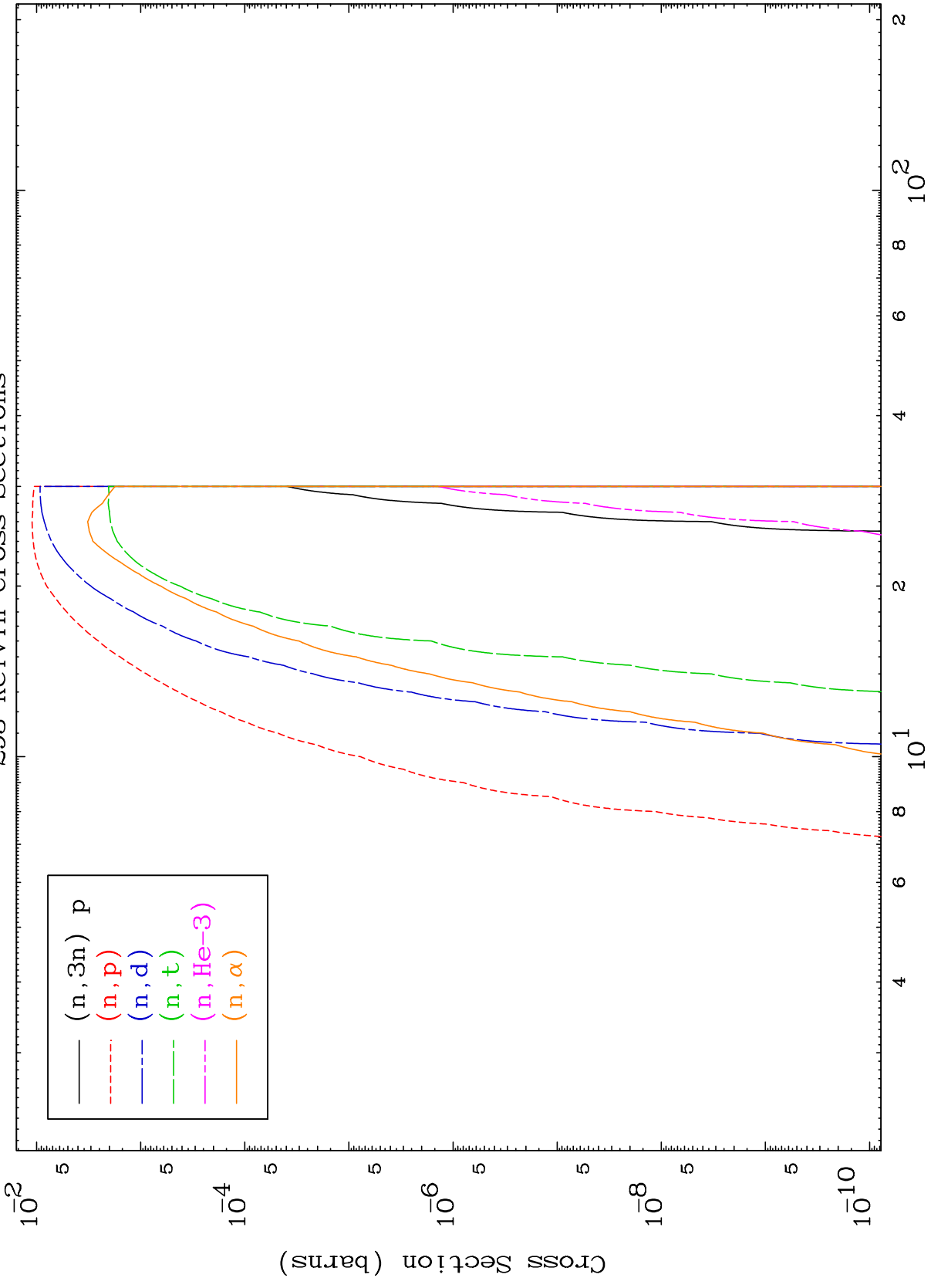


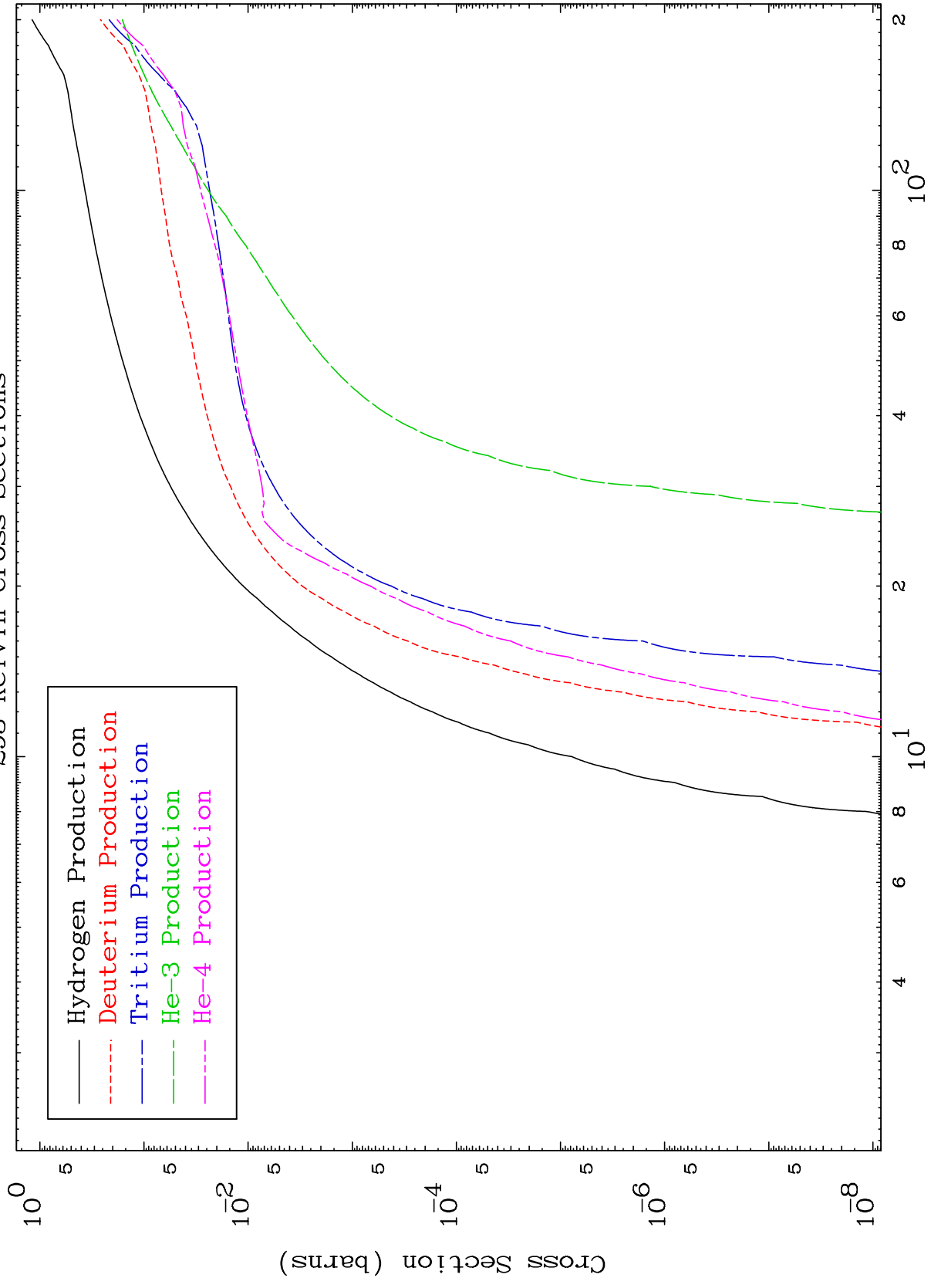
2

Incident Energy (MeV)

49-In-123



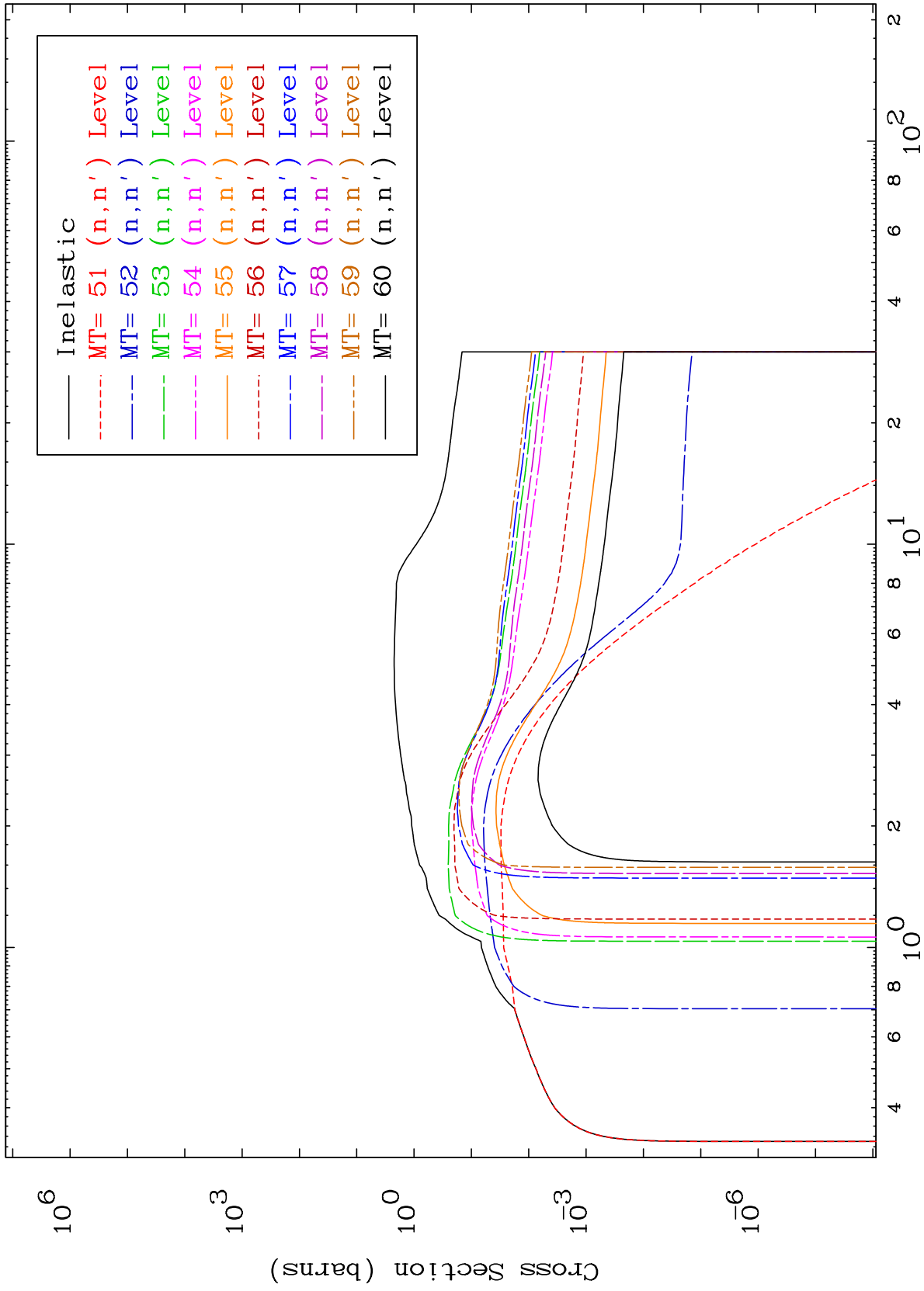




MAT 4955

(n,n') Level
293 Kelvin Cross Sections

49-In-123



6

Incident Energy (MeV)

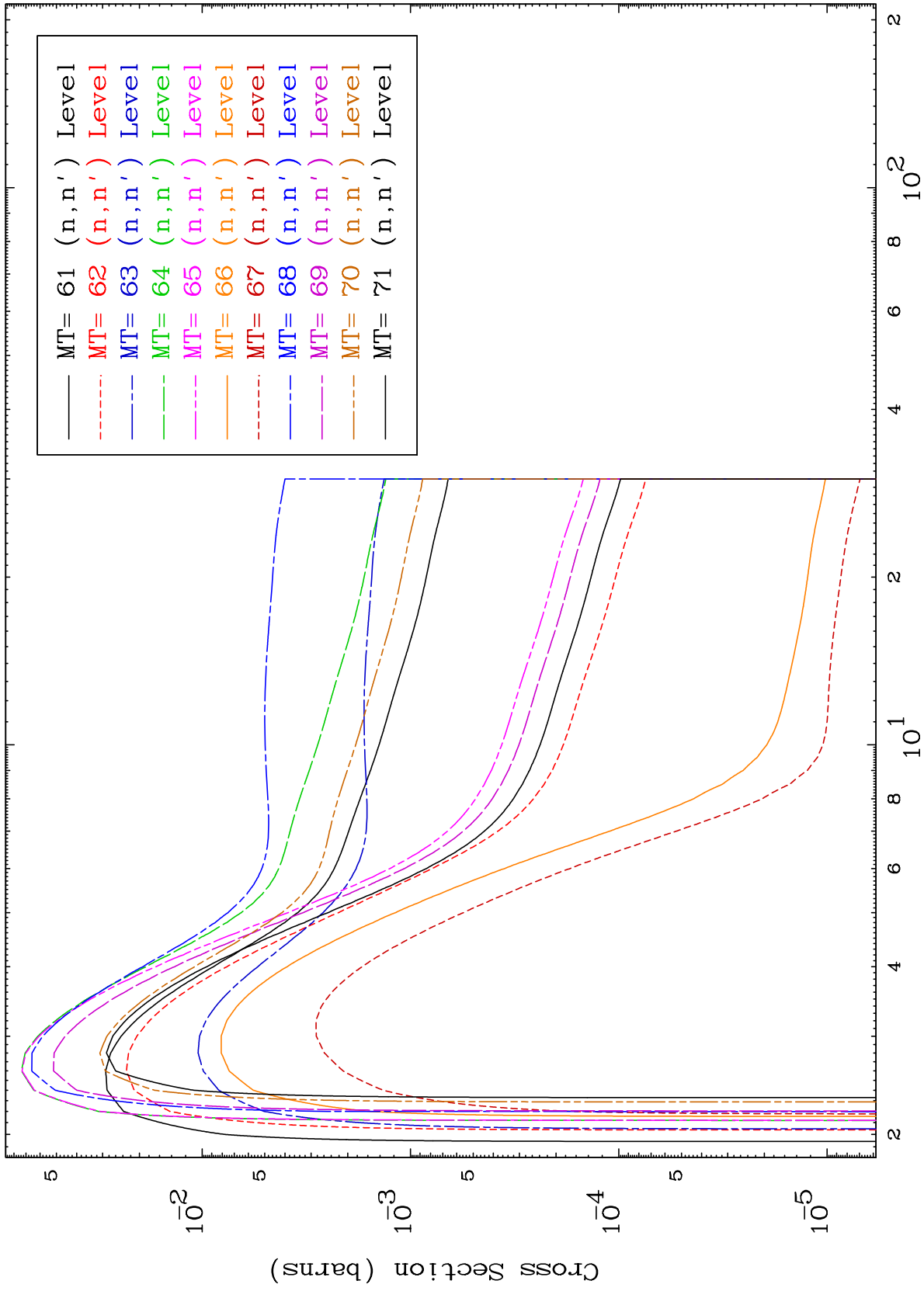
49-In-123

MAT 4955

(n,n') Level

293 Kelvin Cross Sections

49-In-123



7

Incident Energy (MeV)

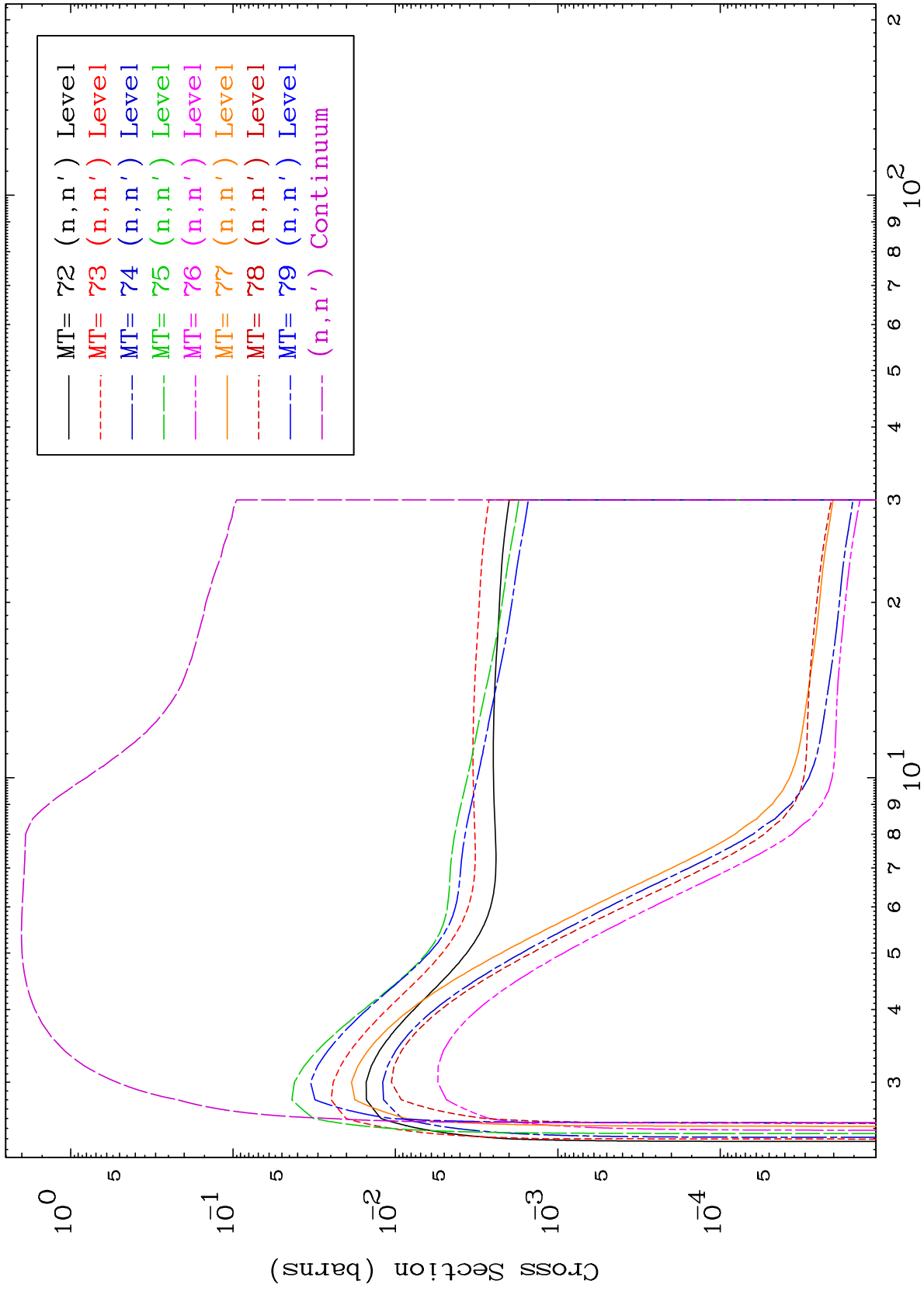
49-In-123

MAT 4955

(n,n') Level

49-In-123

293 Kelvin Cross Sections



8

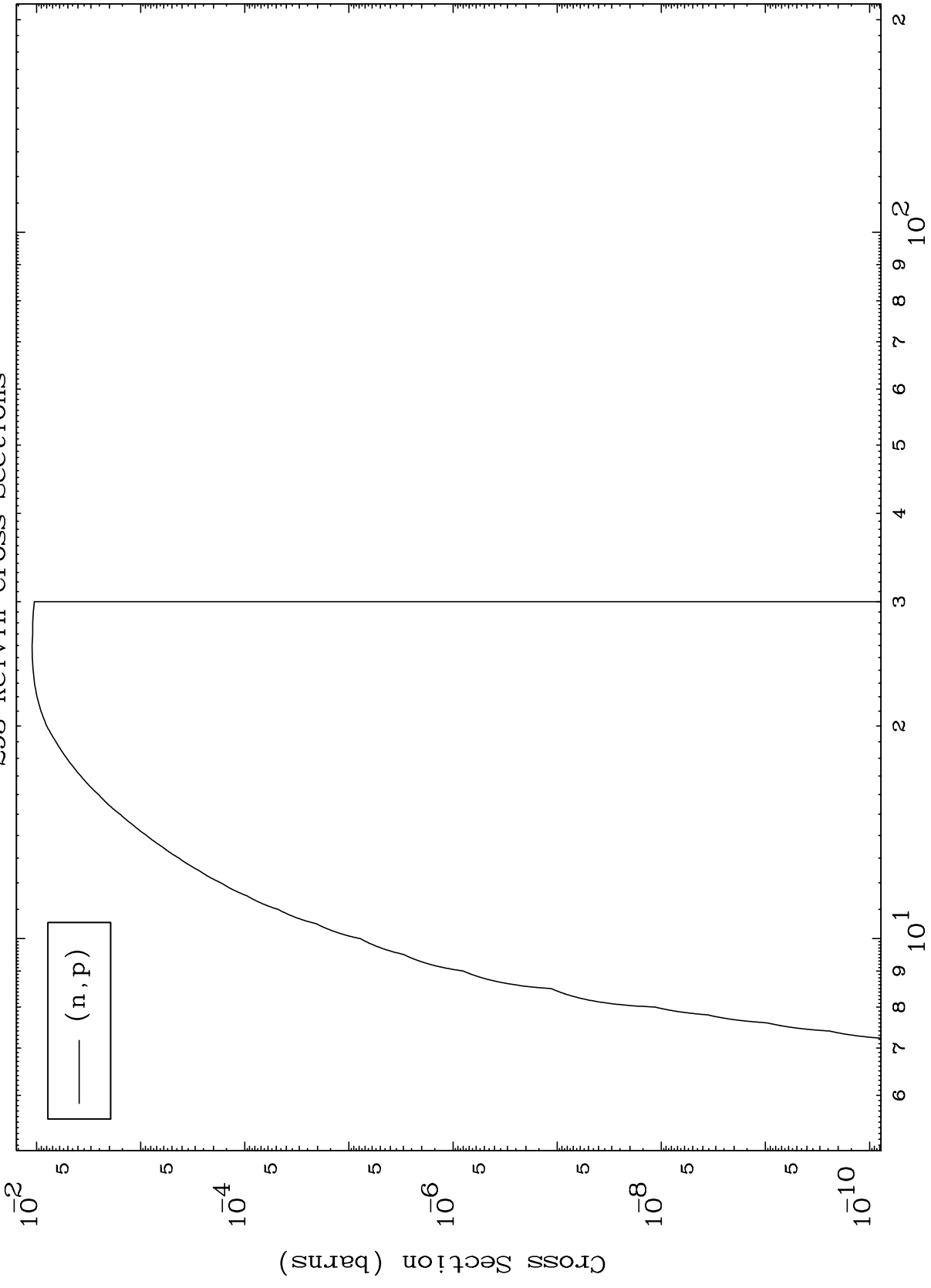
Incident Energy (MeV)

49-In-123

MAT 4955

(n,p) Levels
293 Kelvin Cross Sections

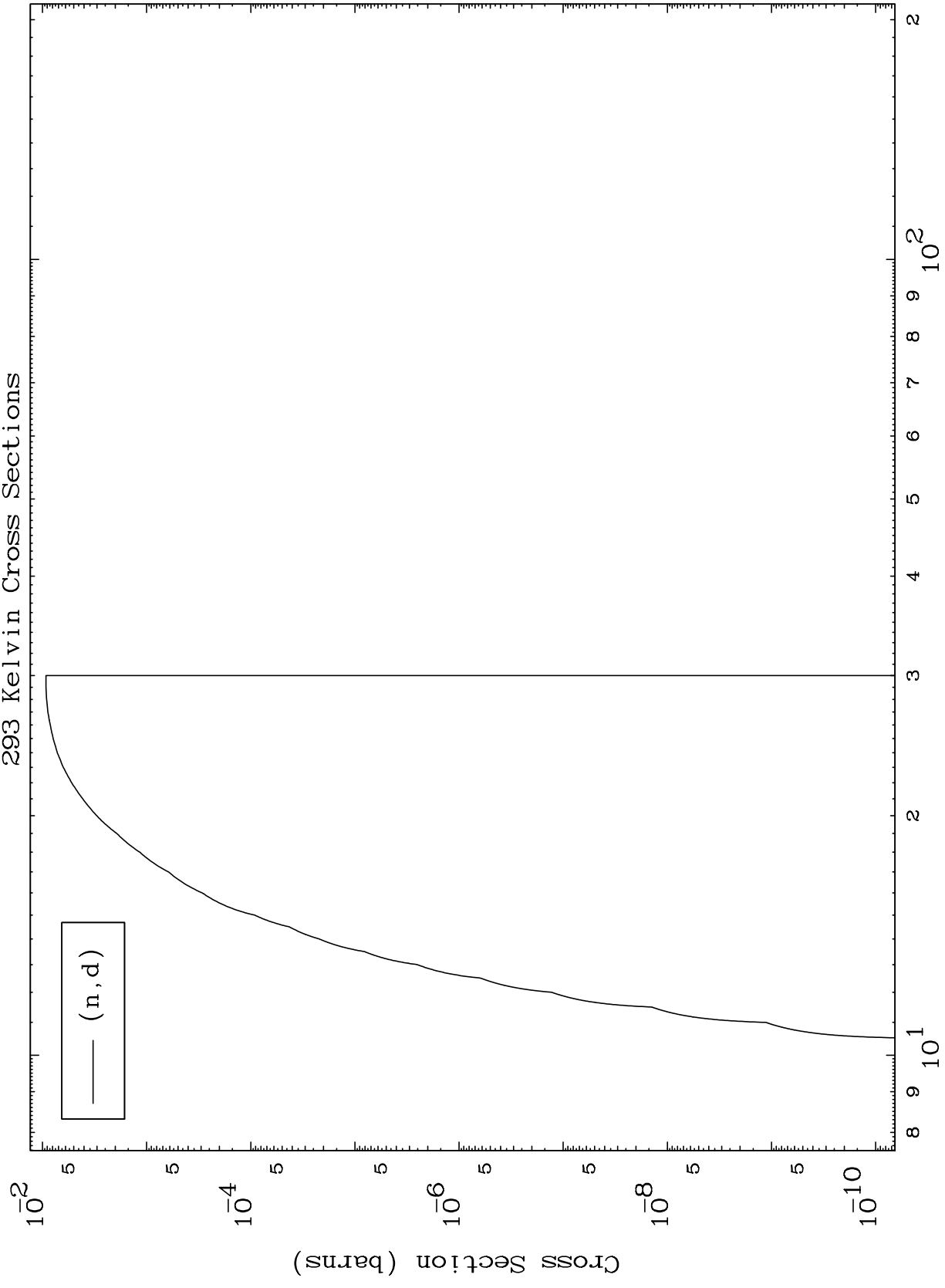
49-In-123



MAT 4955

(n,d) Levels
293 Kelvin Cross Sections

49-In-123



10

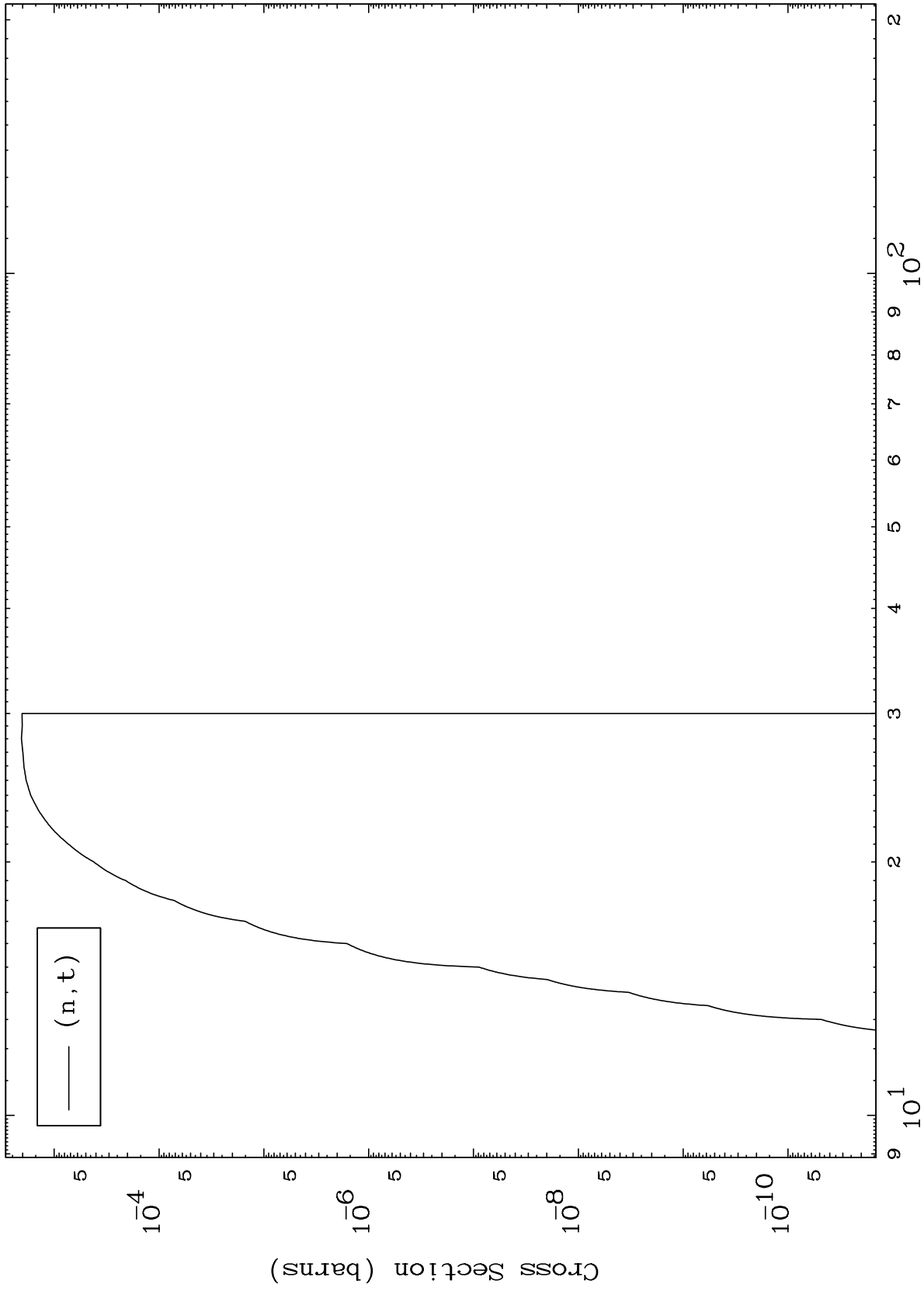
Incident Energy (MeV)

49-In-123

MAT 4955

(n,t) Levels
293 Kelvin Cross Sections

49-In-123



11

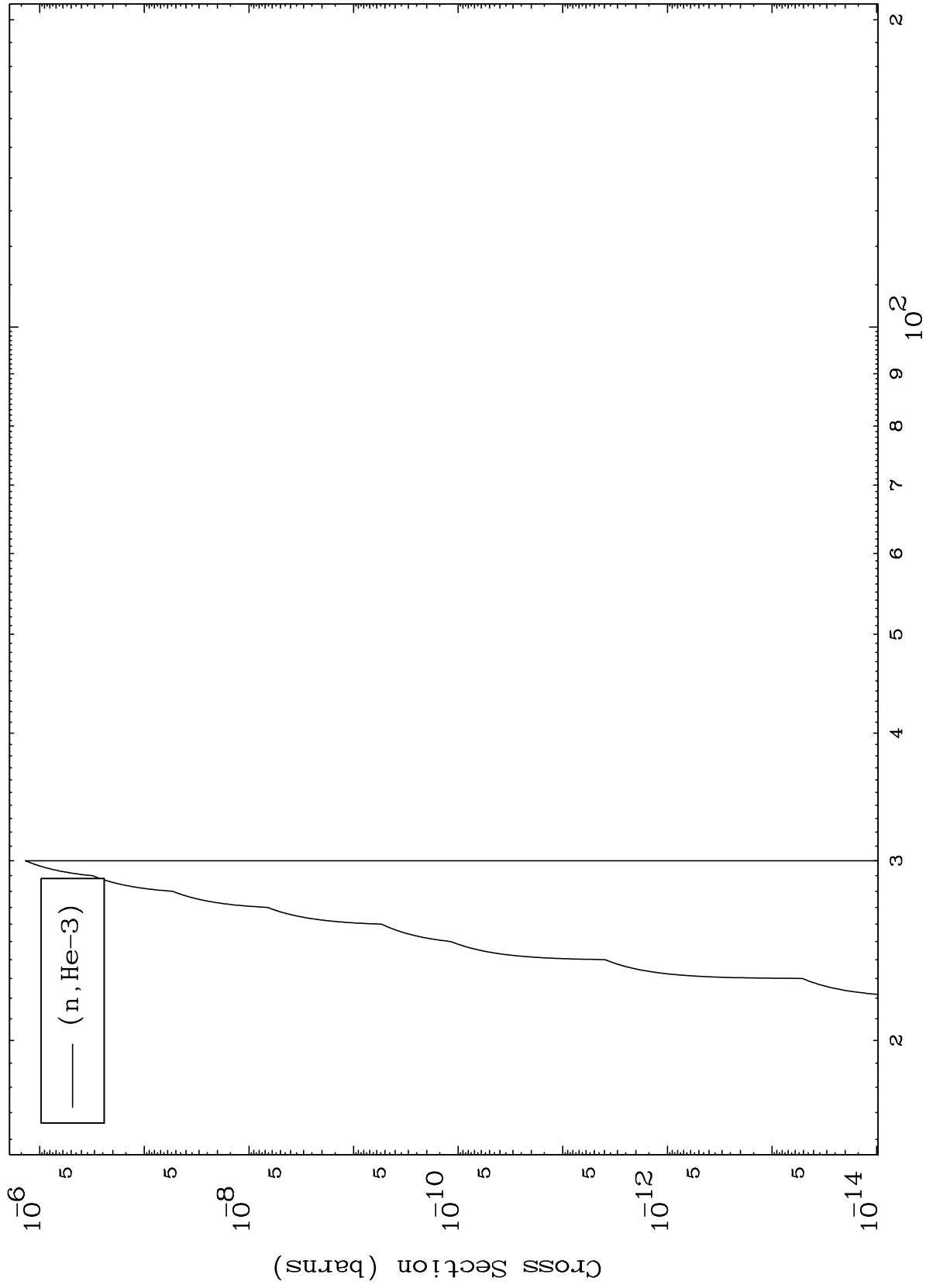
Incident Energy (MeV)

49-In-123

MAT 4955

(n,He3) Levels
293 Kelvin Cross Sections

49-In-123



12

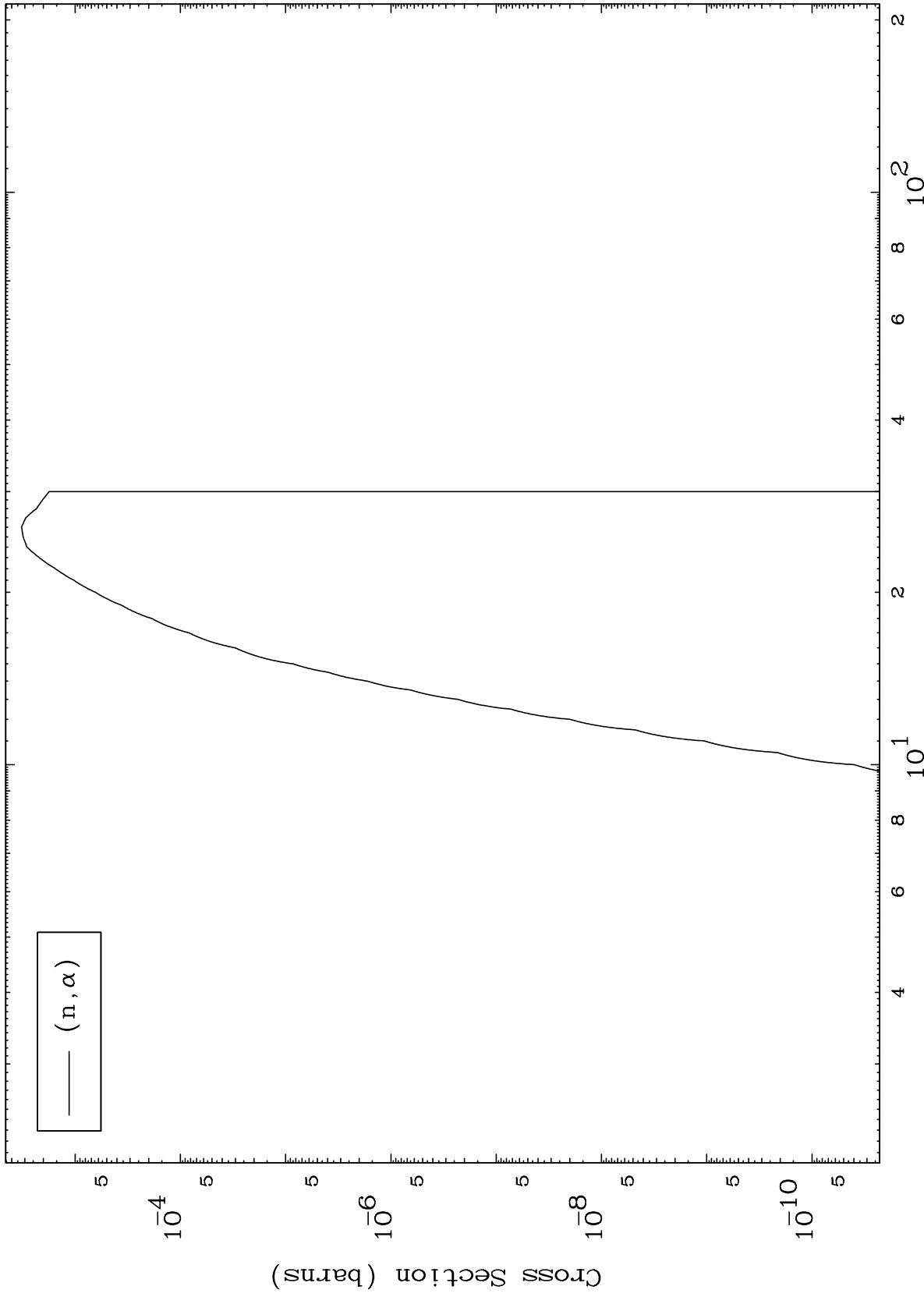
Incident Energy (MeV)

49-In-123

MAT 4955

(n,α) Levels
293 Kelvin Cross Sections

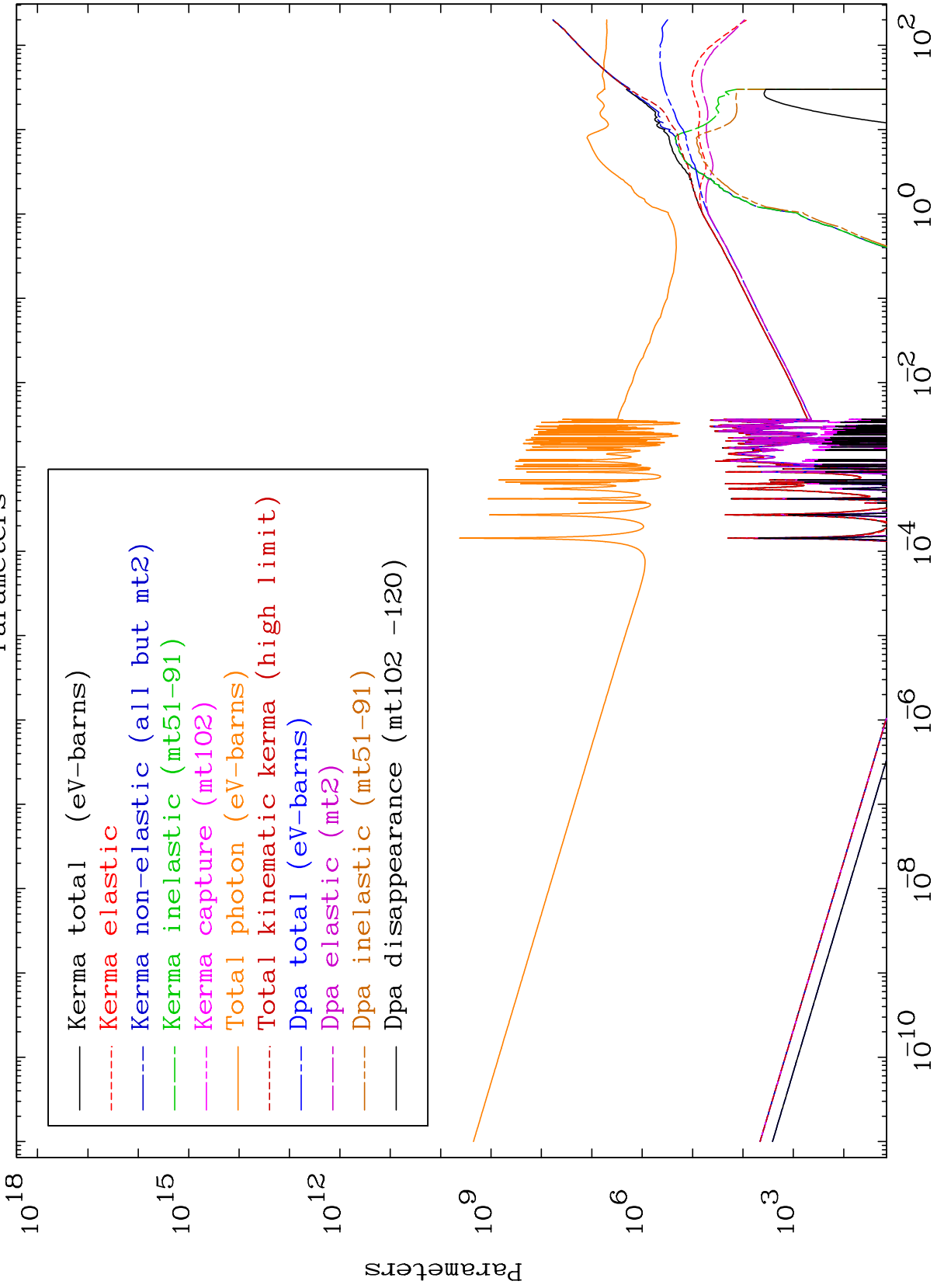
49-In-123



13

Incident Energy (MeV)

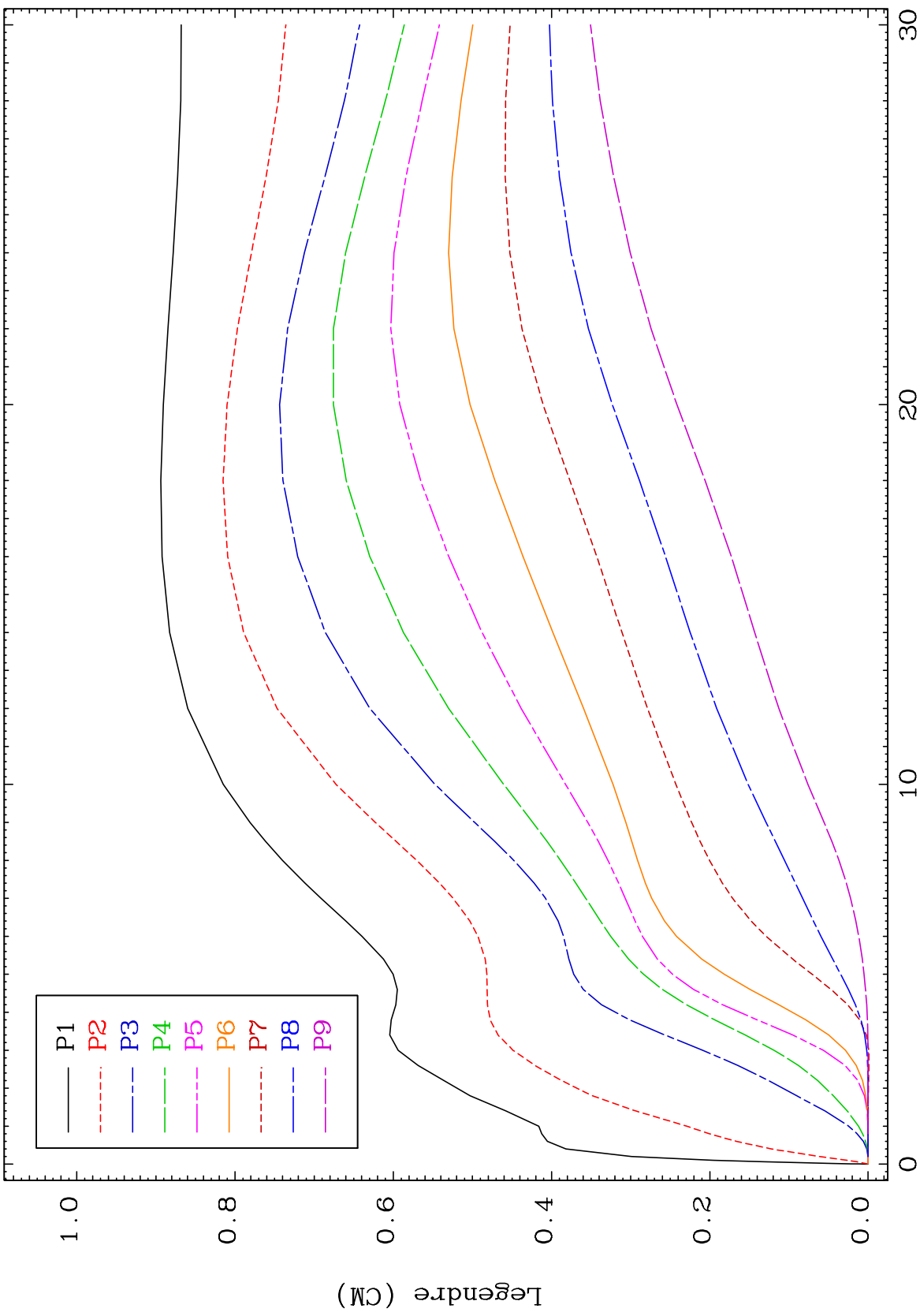
49-In-123



MAT 4955

Elastic Legendre Coefficients

49-In-123



15

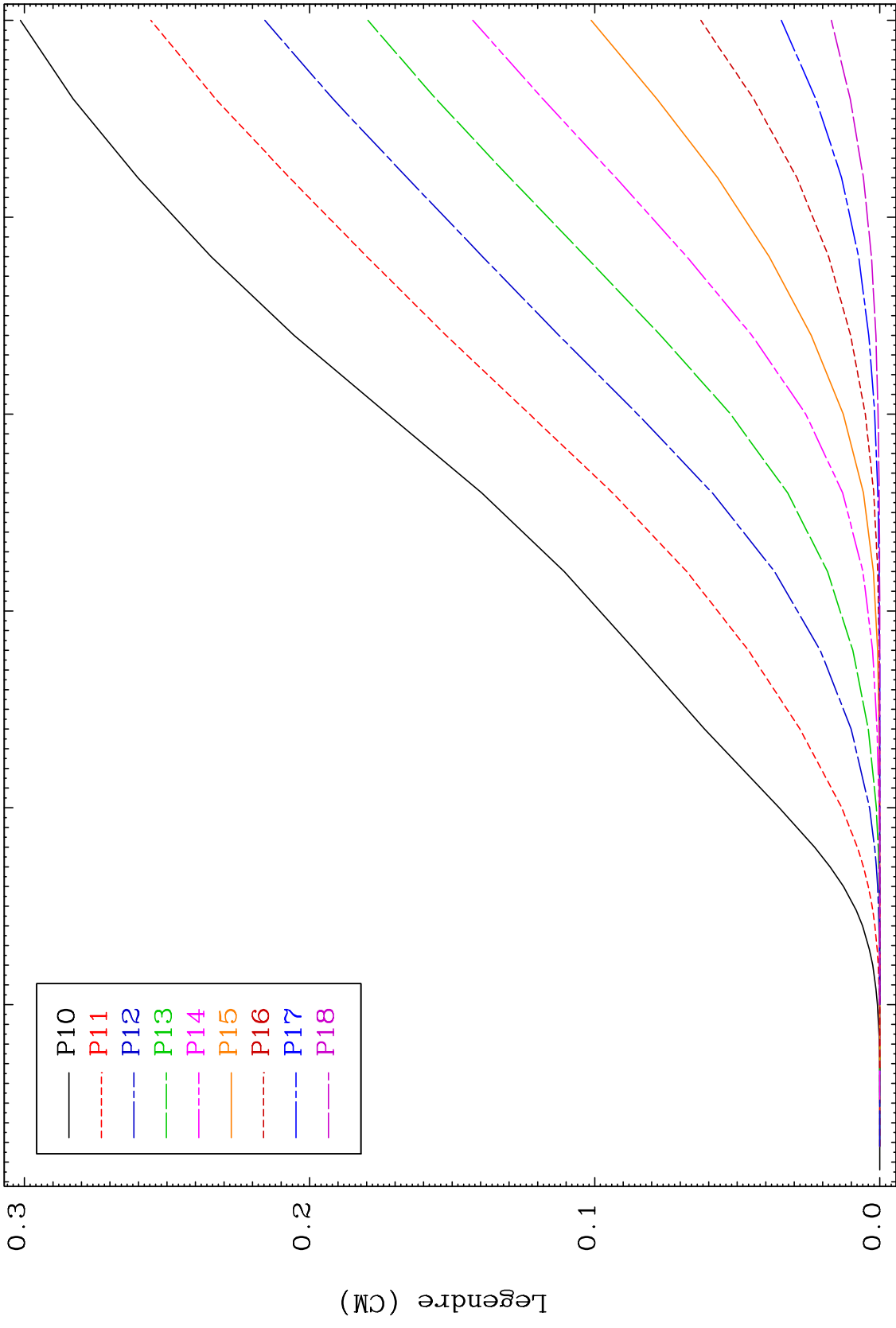
Incident Energy (MeV)

49-In-123

MAT 4955

Elastic Legendre Coefficients

49-In-123



16

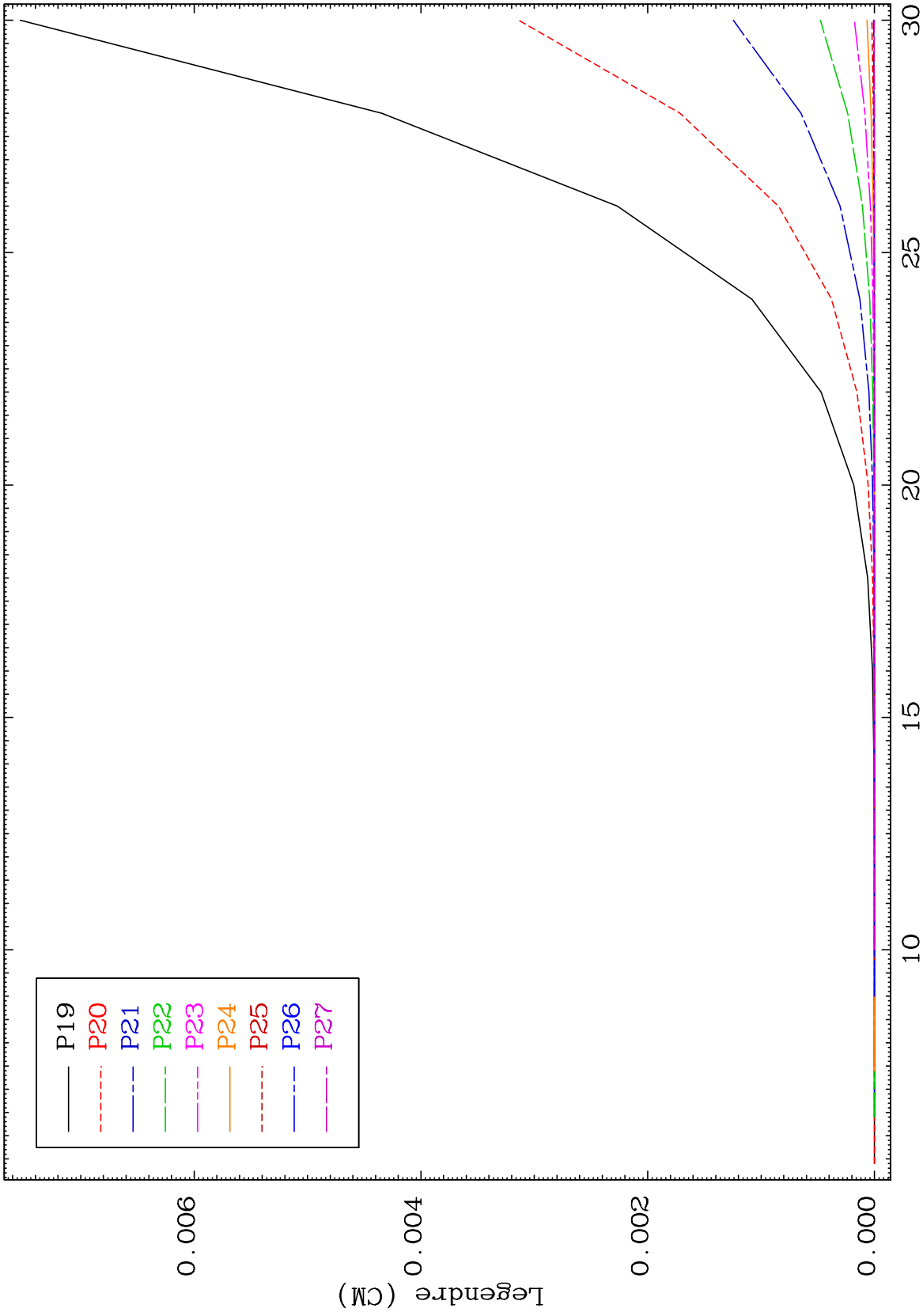
Incident Energy (MeV)

49-In-123

MAT 4955

Elastic Legendre Coefficients

49-In-123



17

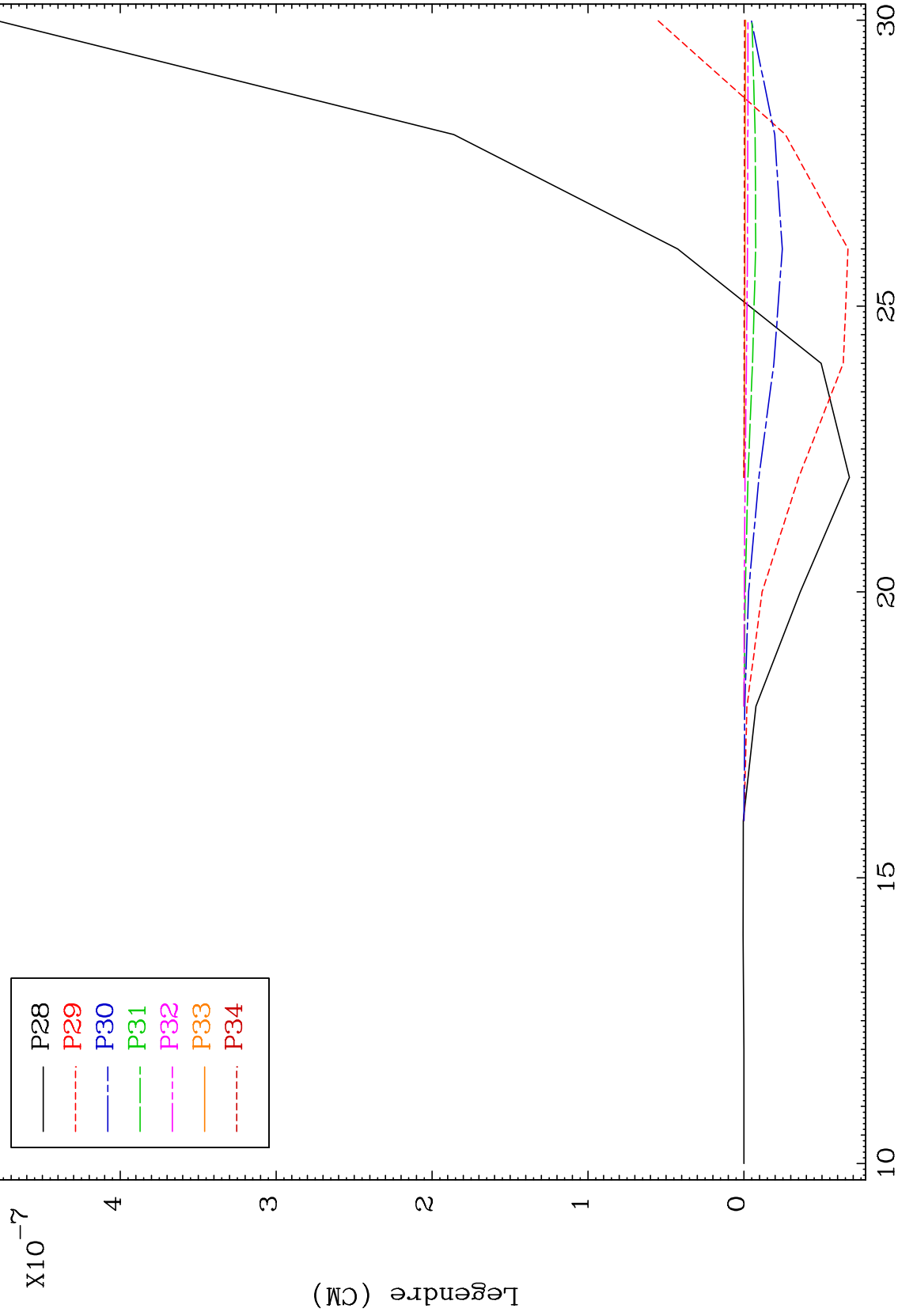
Incident Energy (MeV)

49-In-123

MAT 4955

Elastic Legendre Coefficients

49-In-123



18

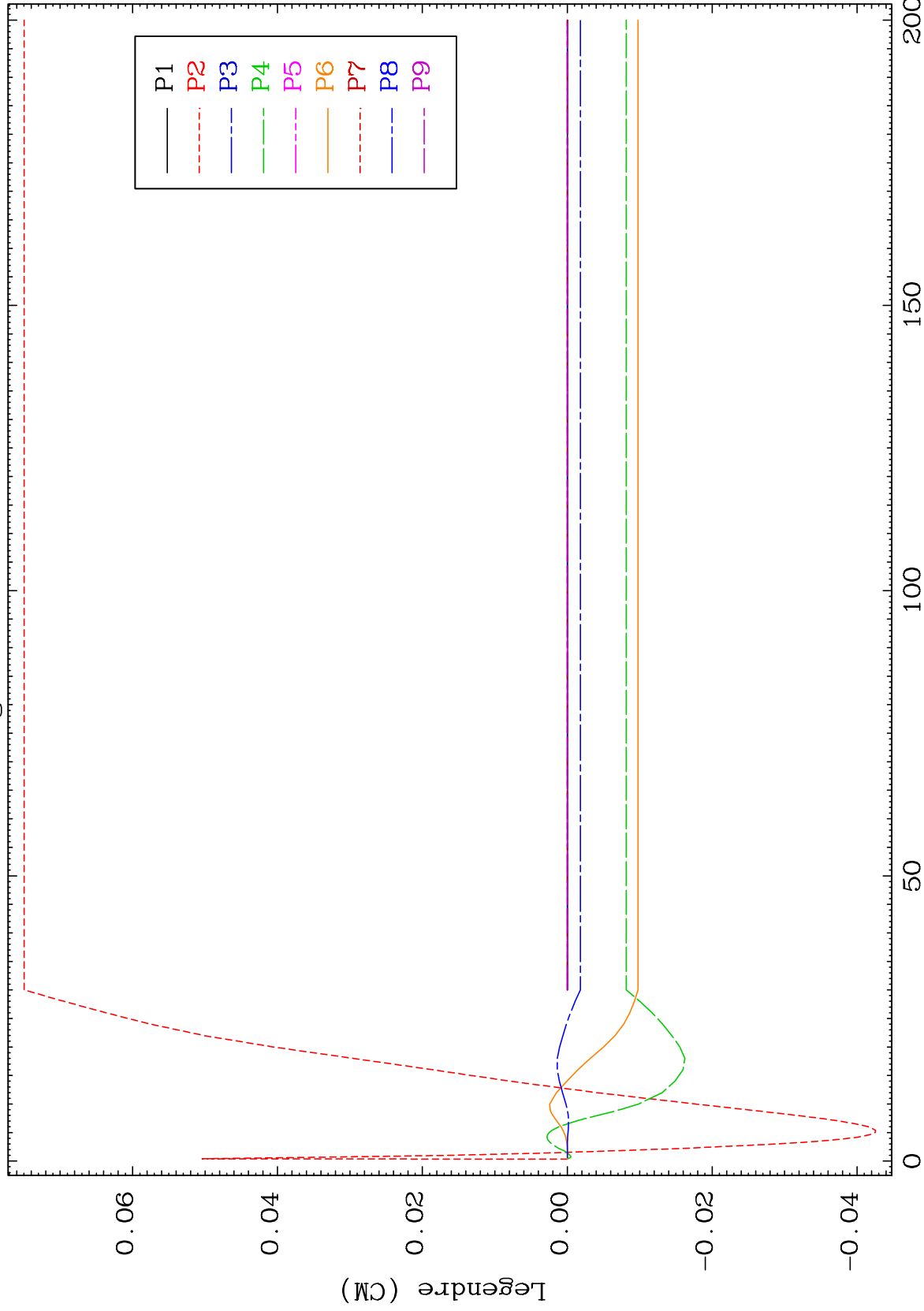
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



19

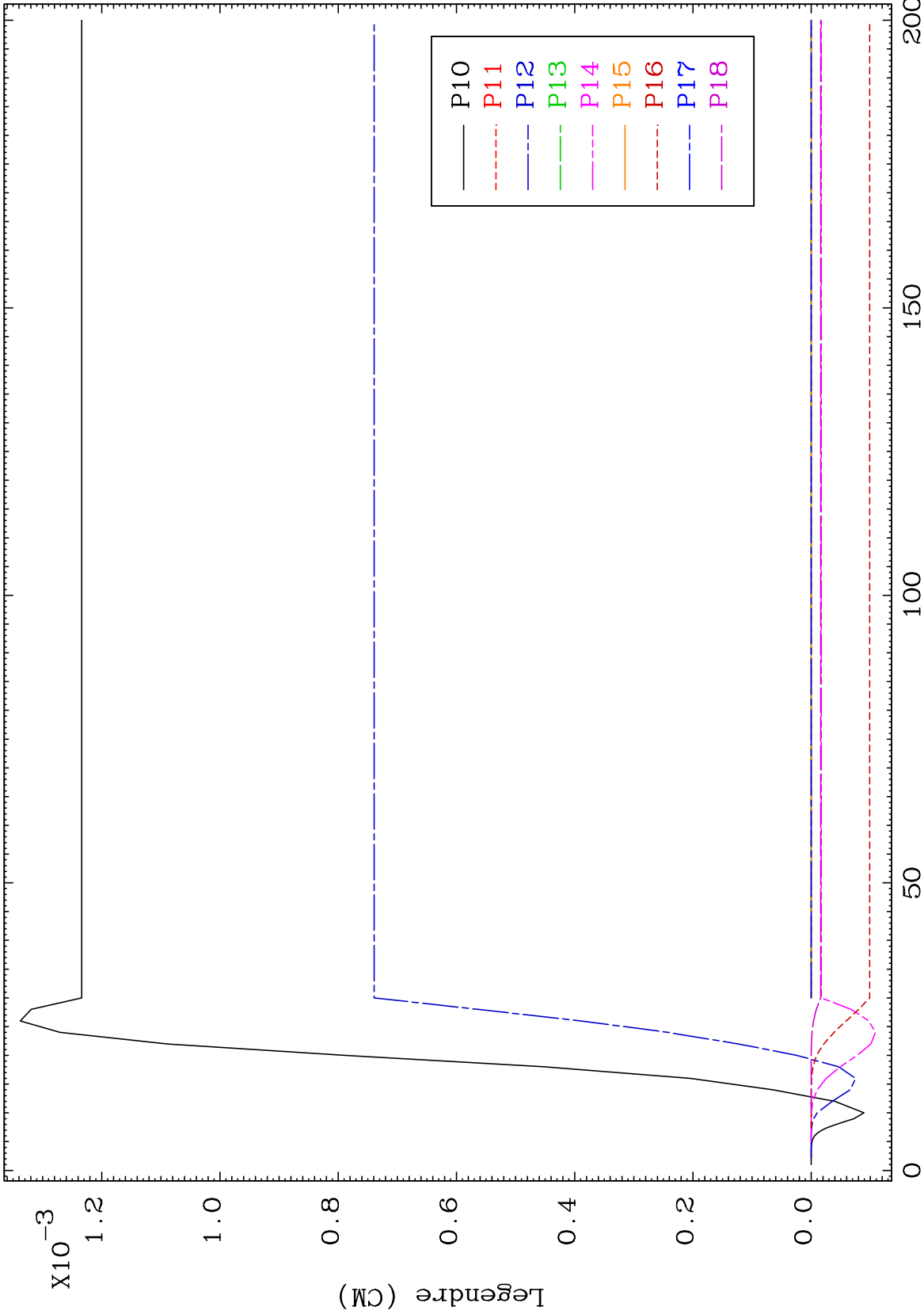
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



20

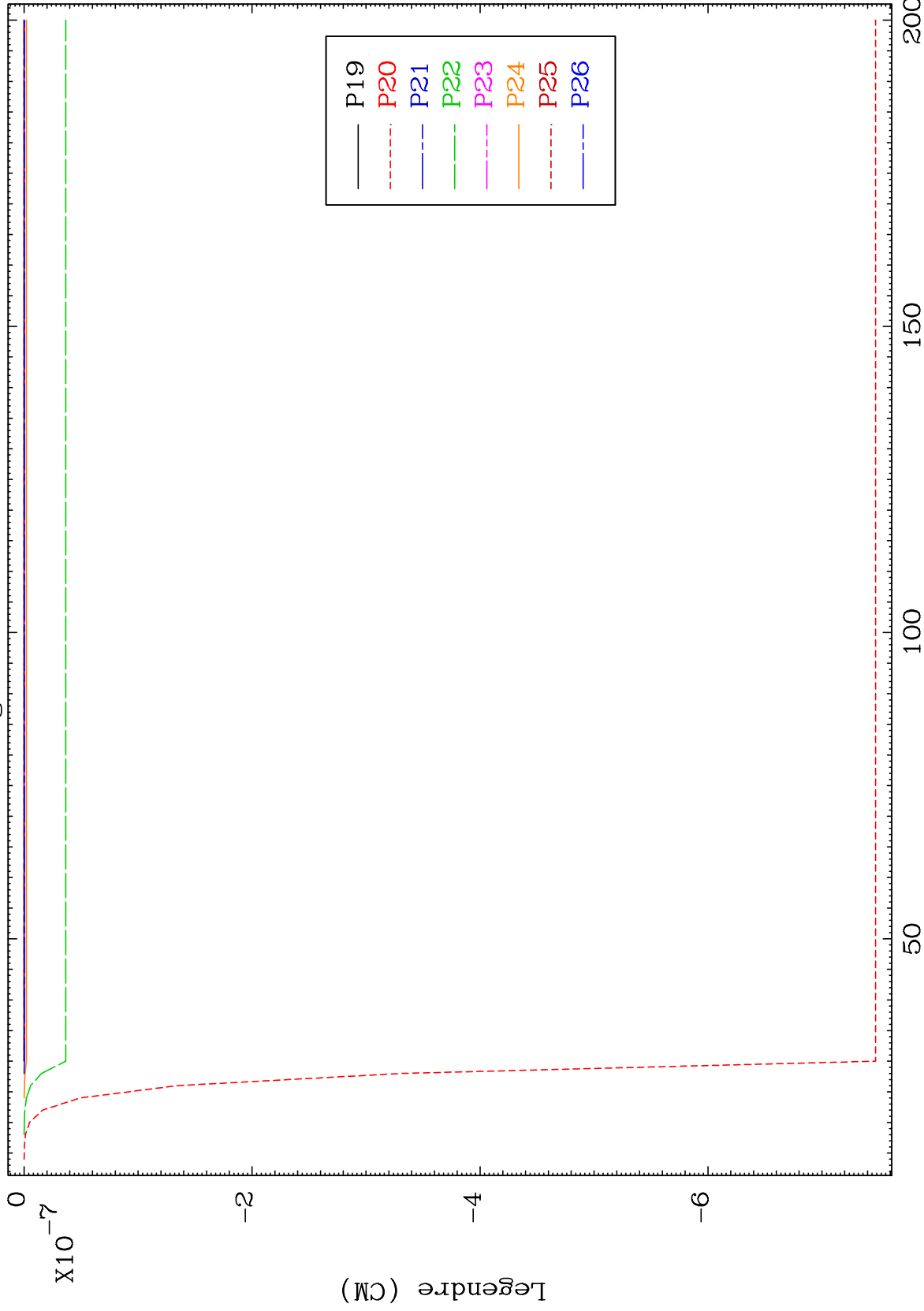
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



21

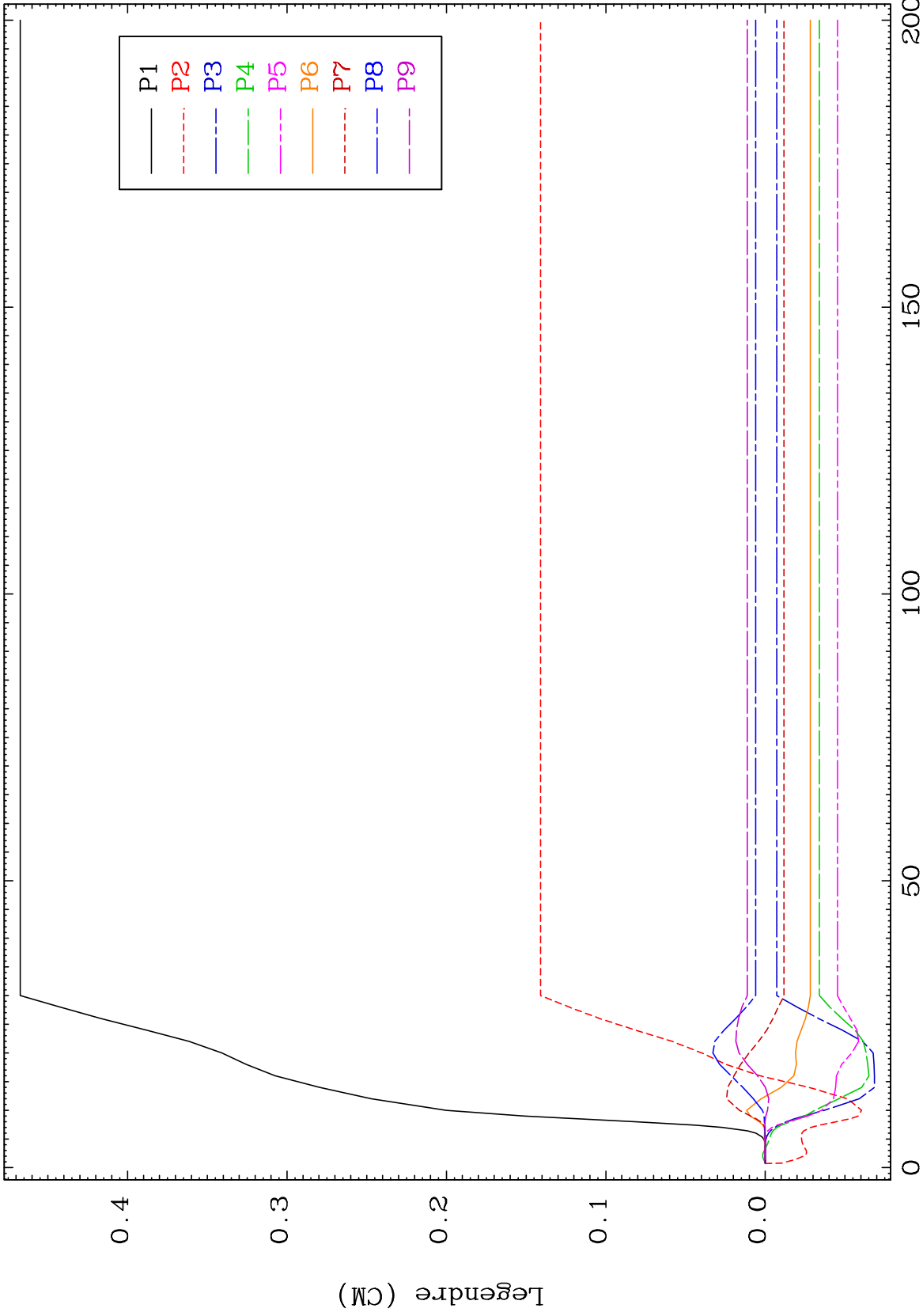
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



22

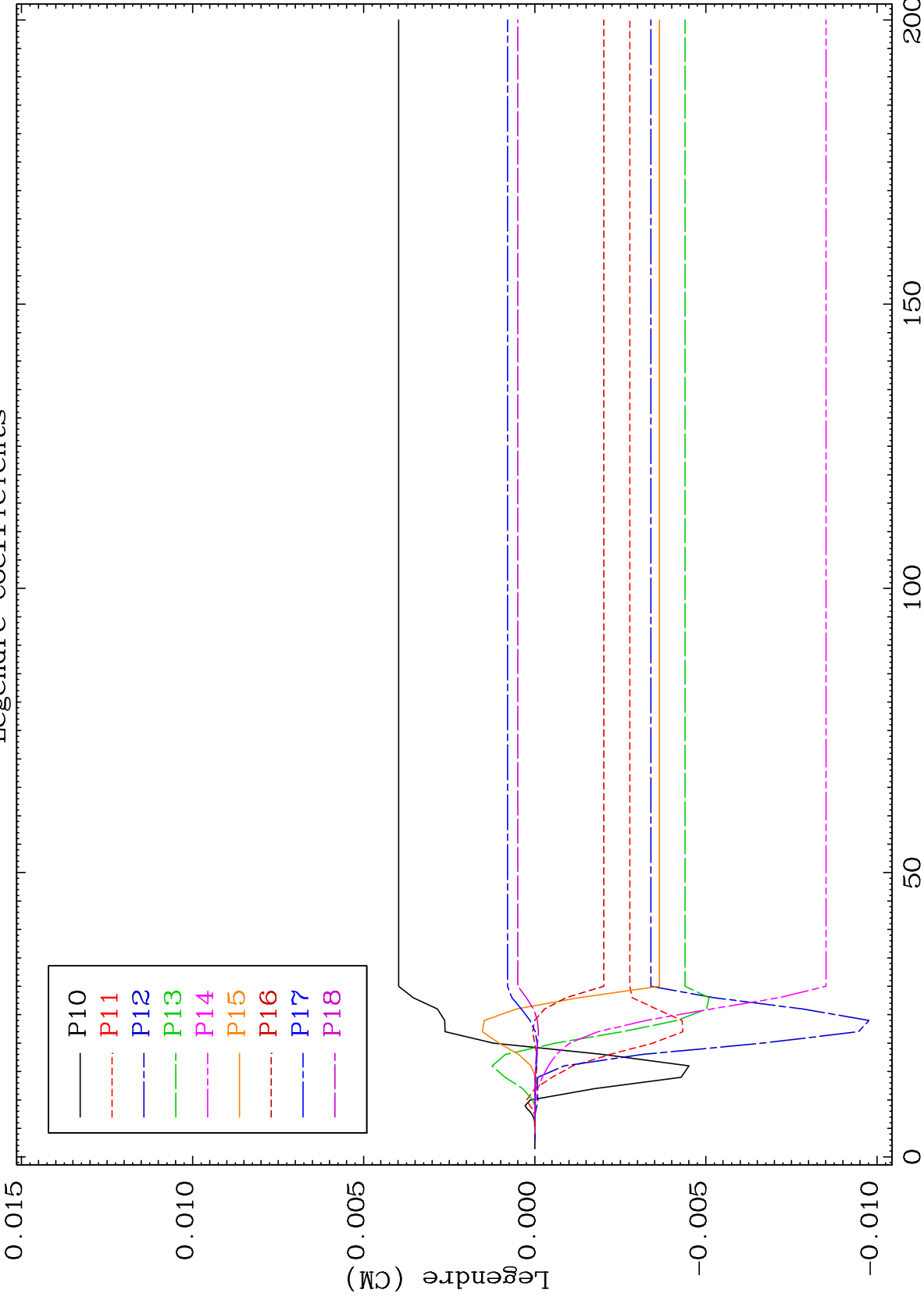
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



23

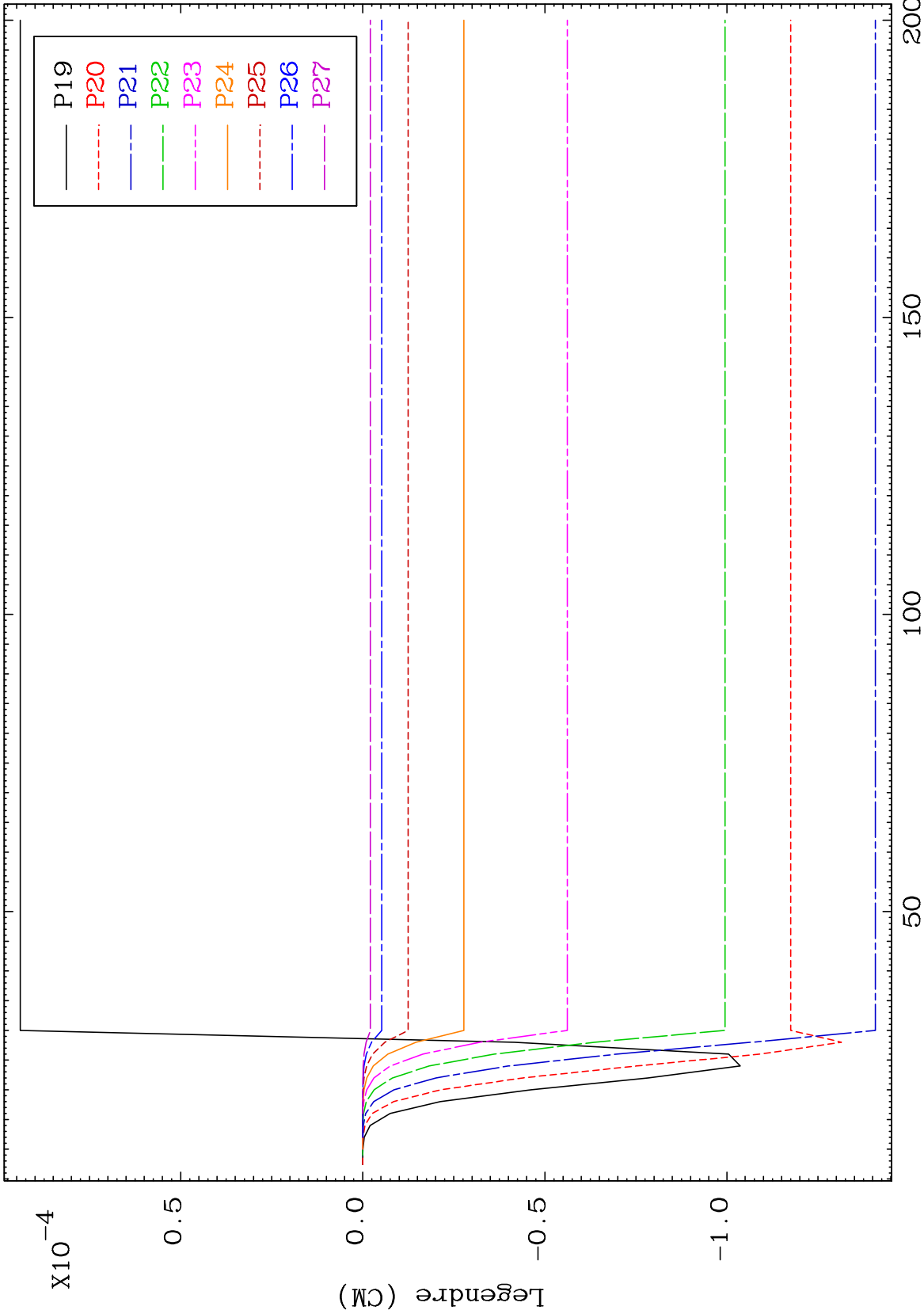
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



24

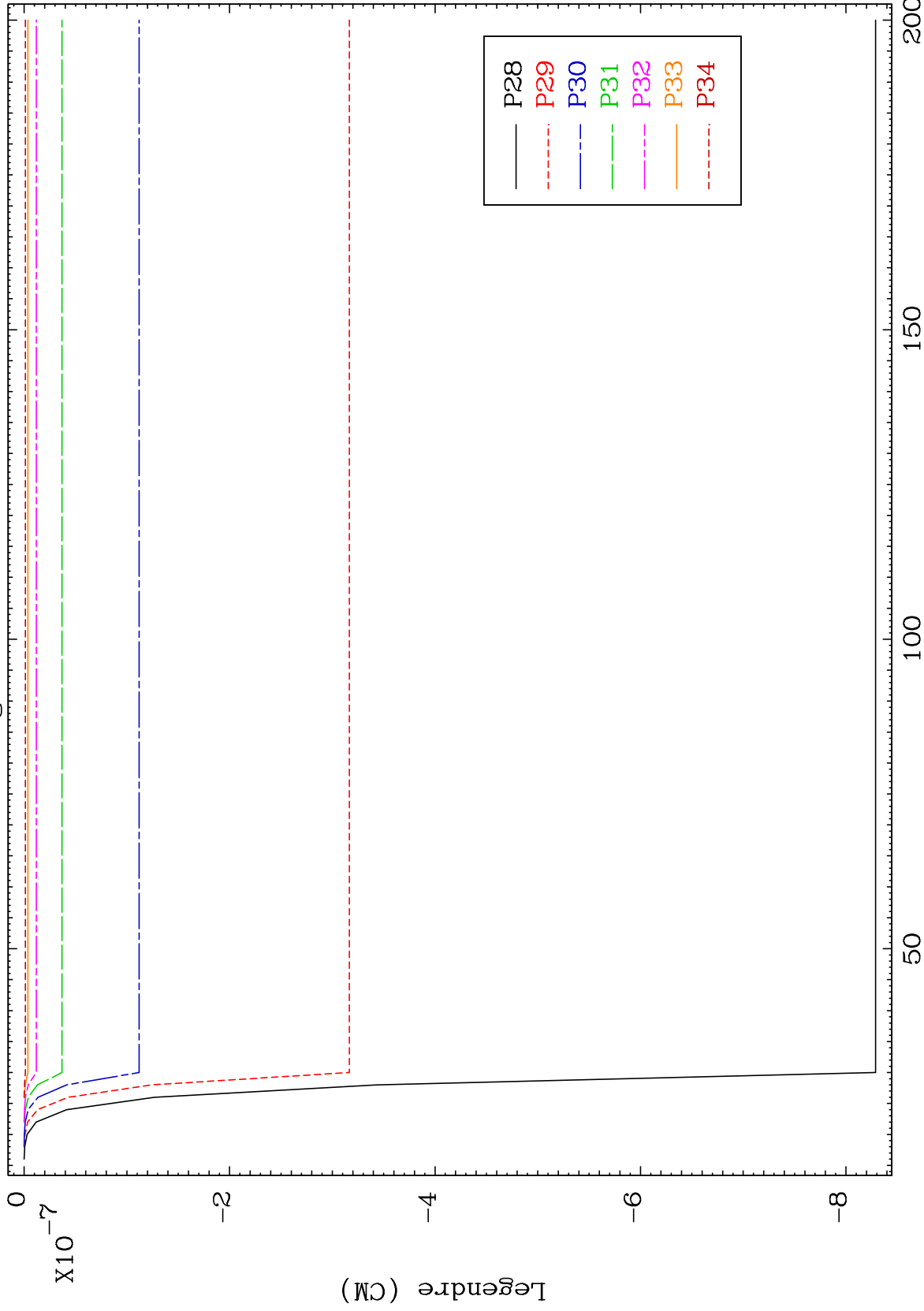
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



49-In-123

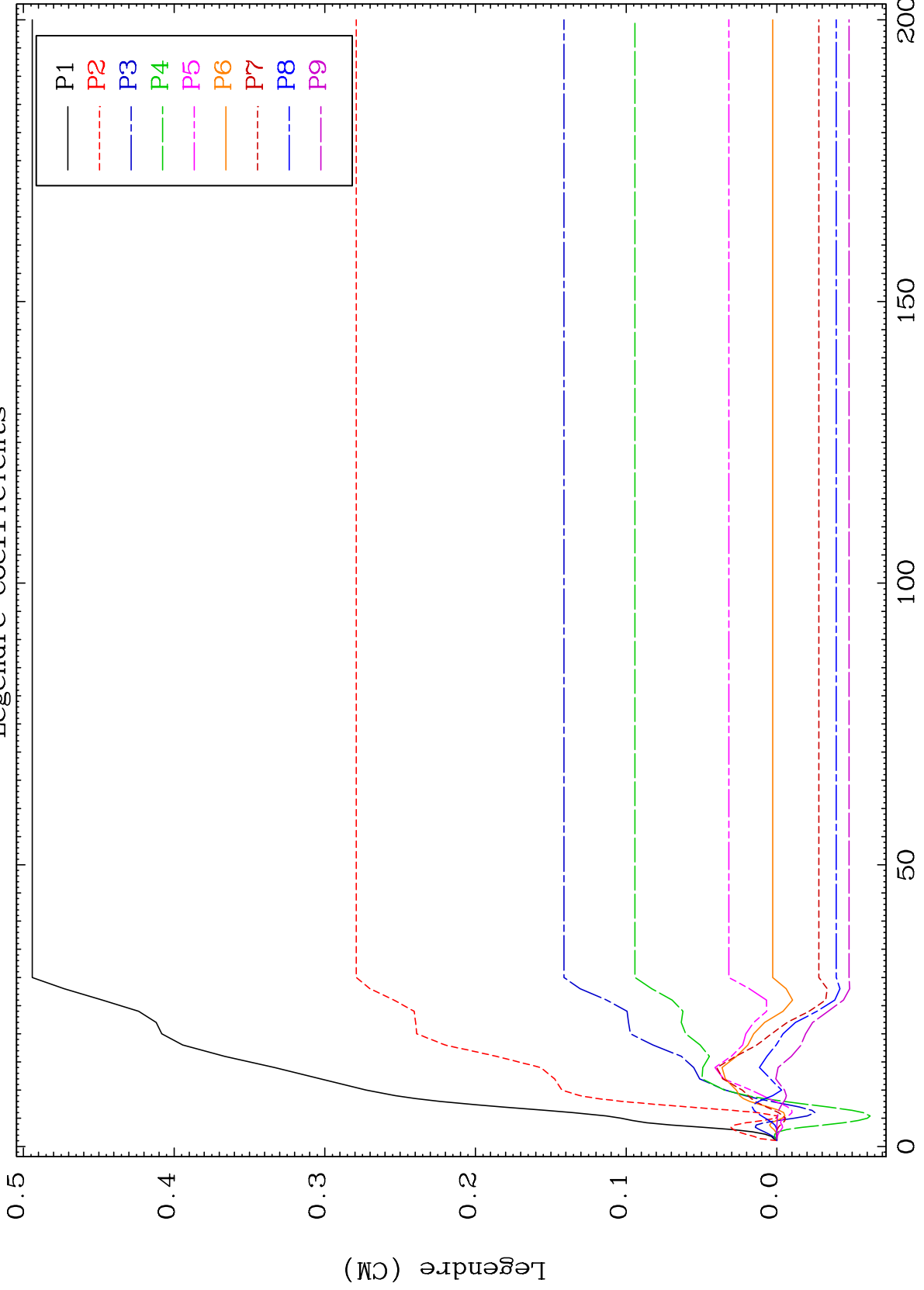
Incident Energy (MeV)

25

MAT 4955

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

49-In-123



26

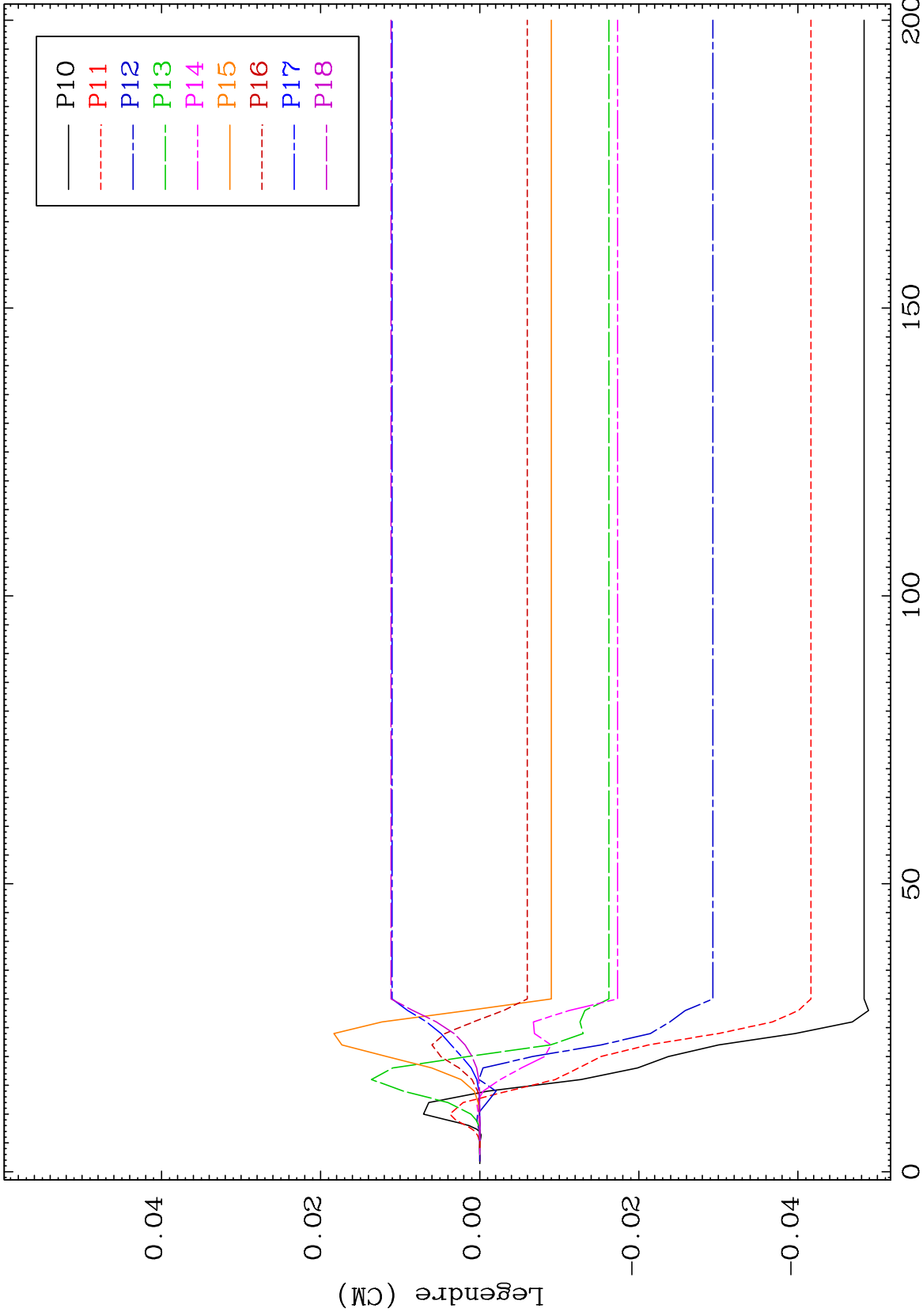
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



27

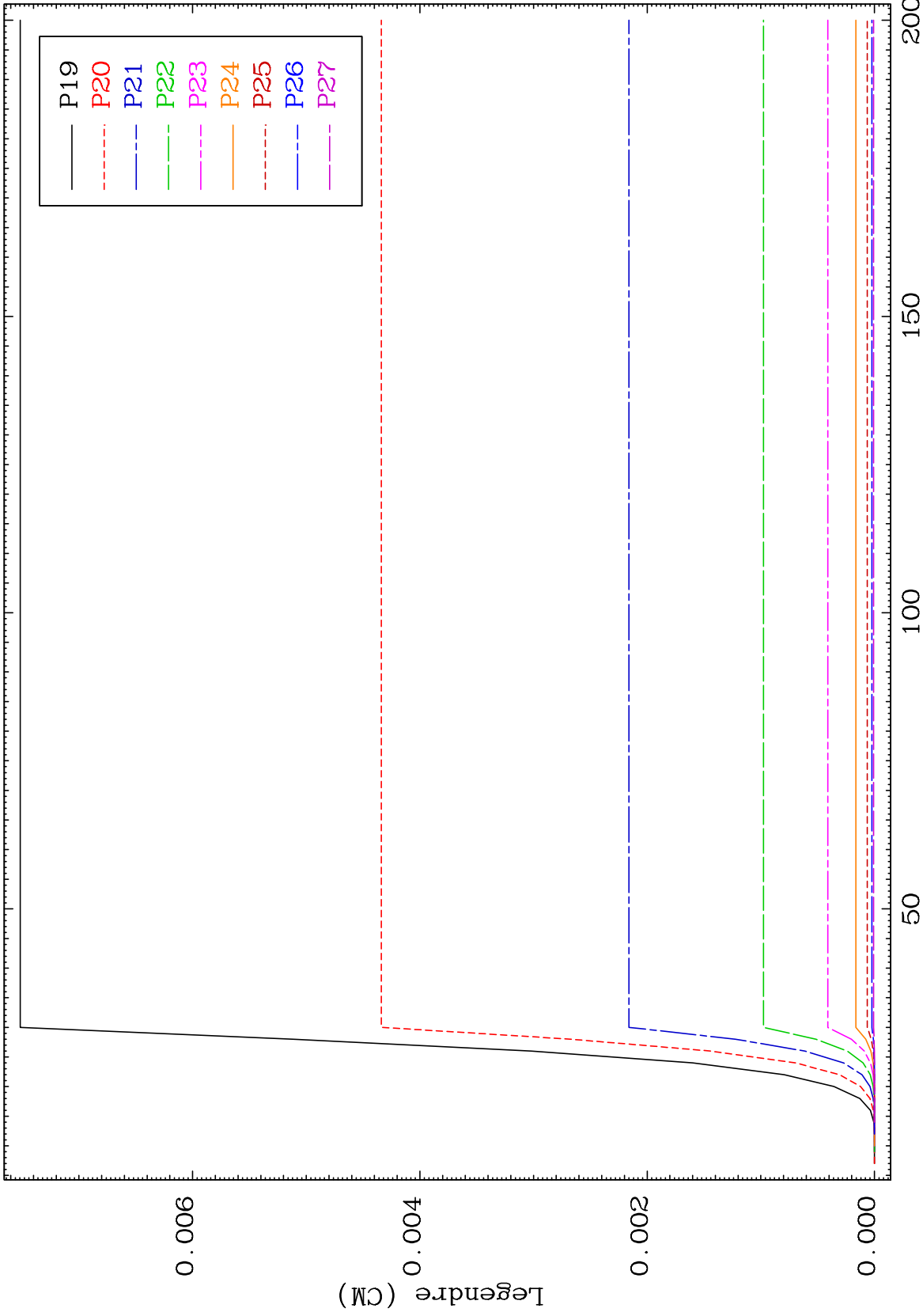
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



28

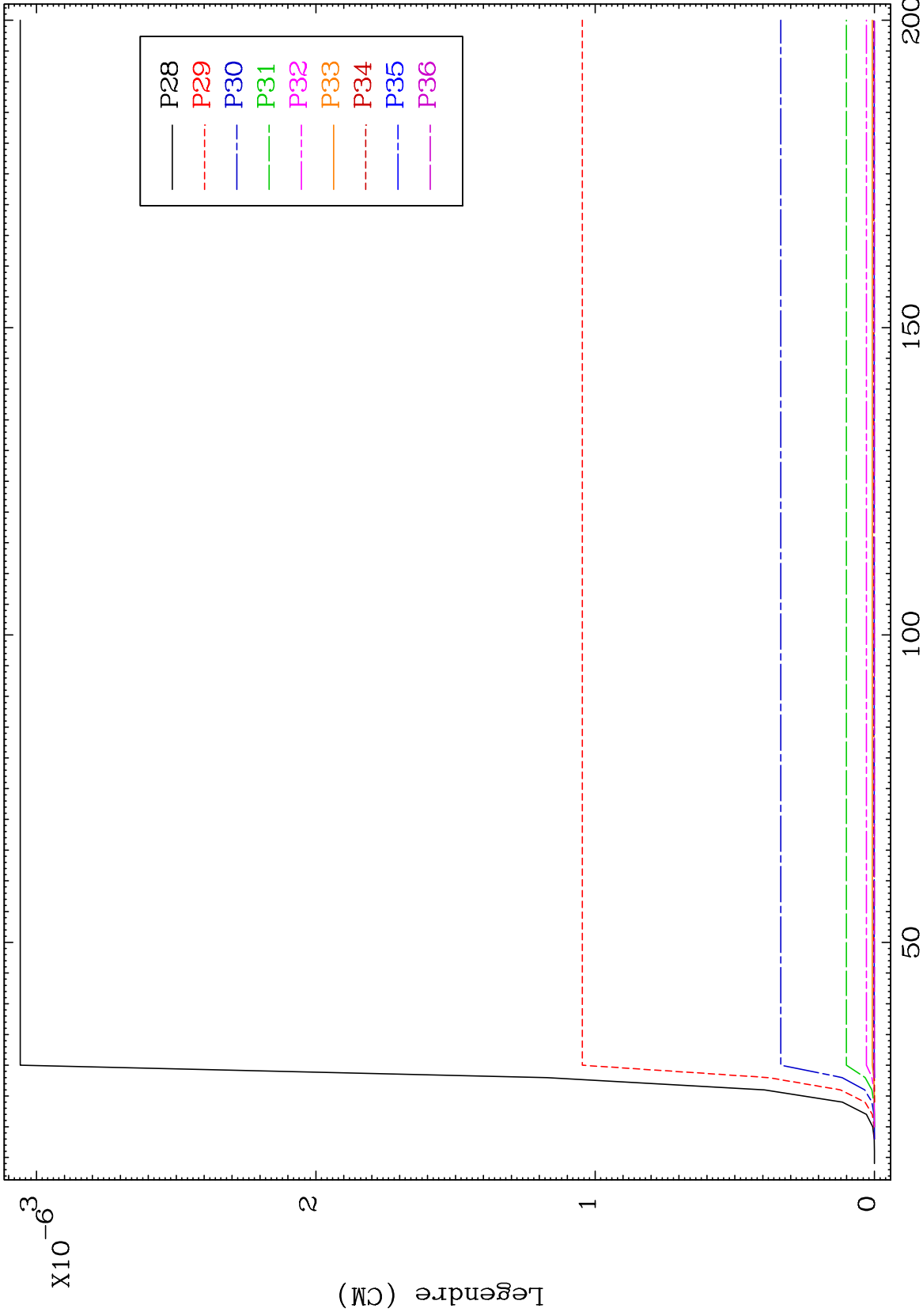
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



29

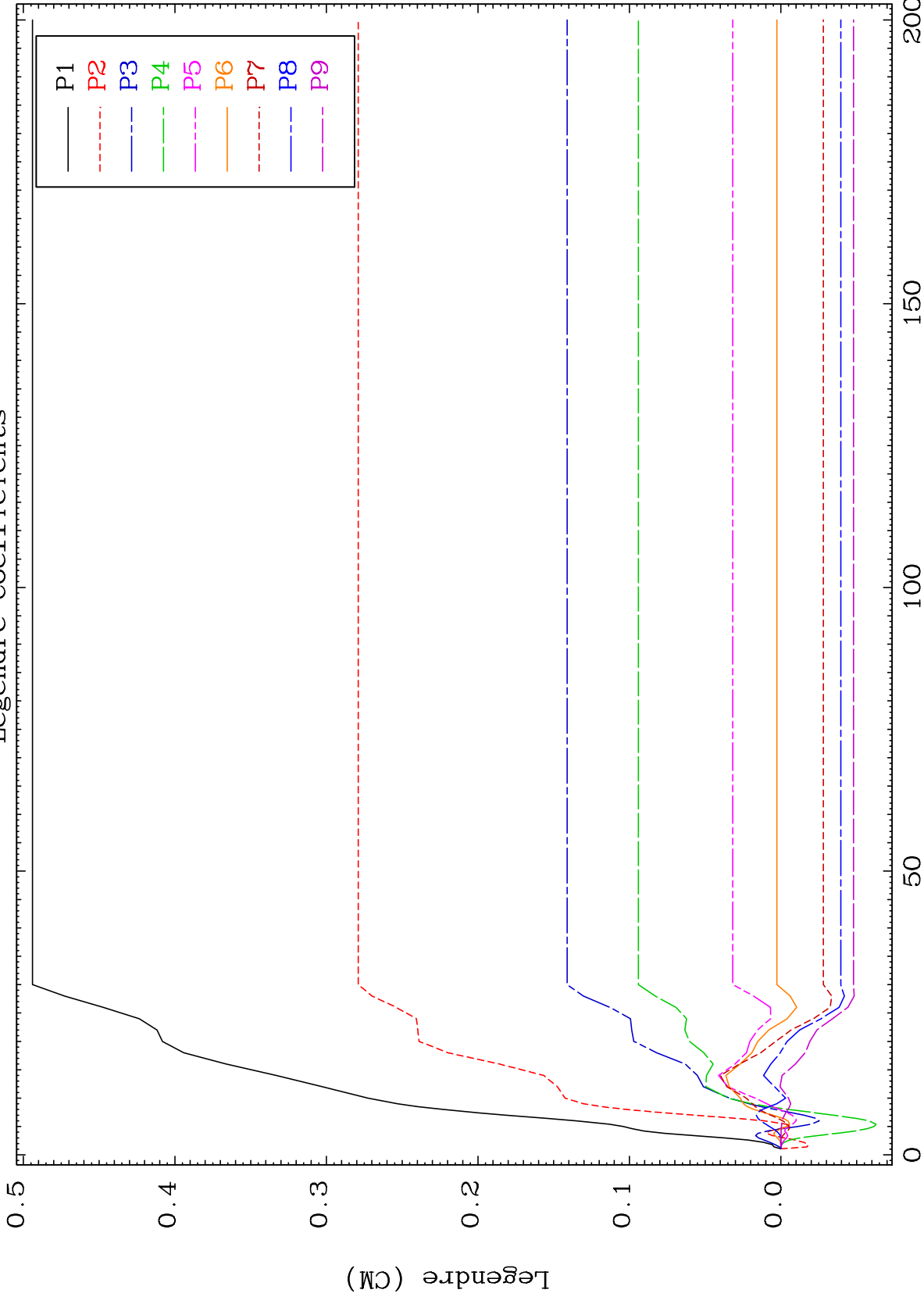
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



49-In-123

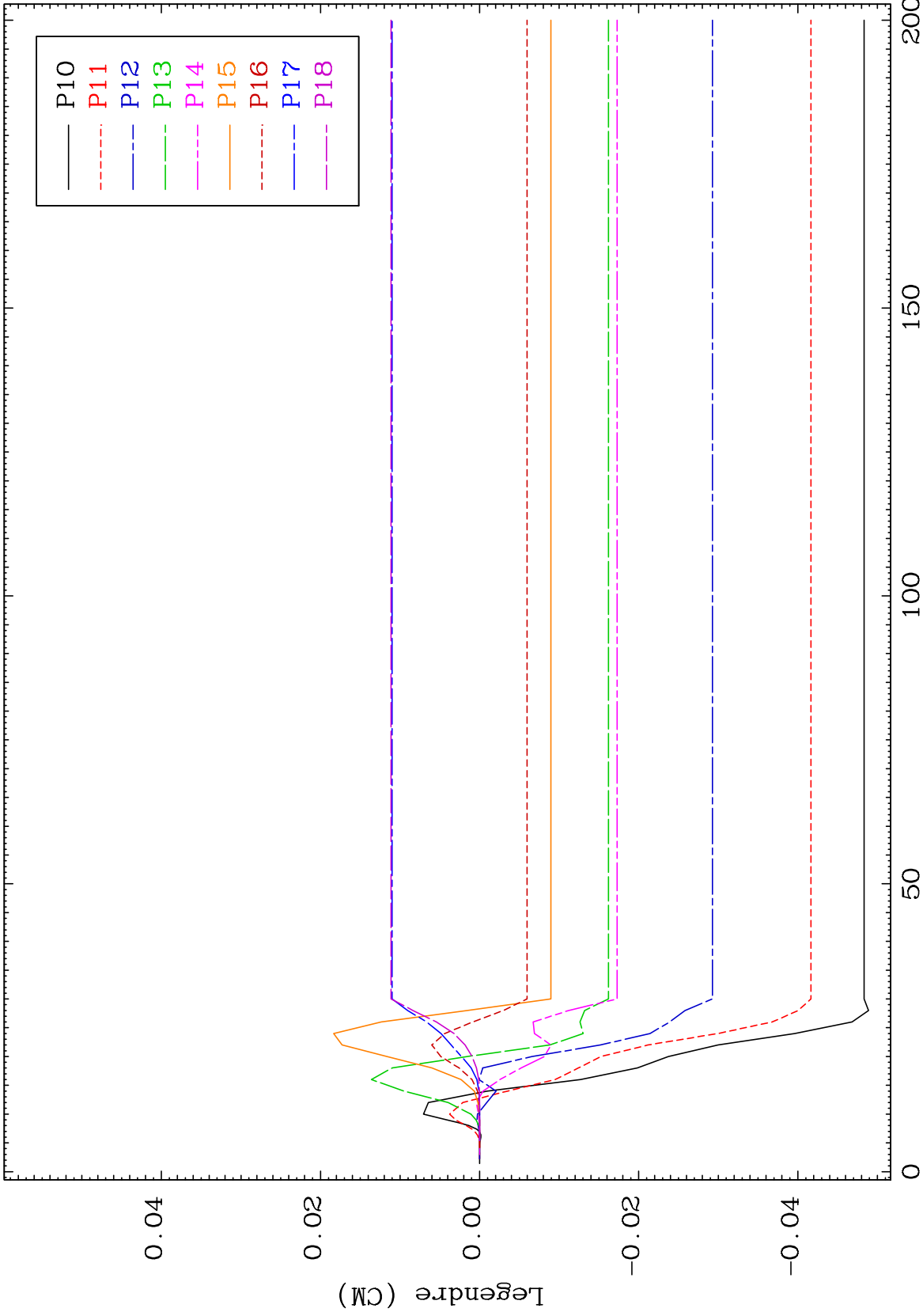
Incident Energy (MeV)

Legendre (CM)

MAT 4955

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

49-In-123



31

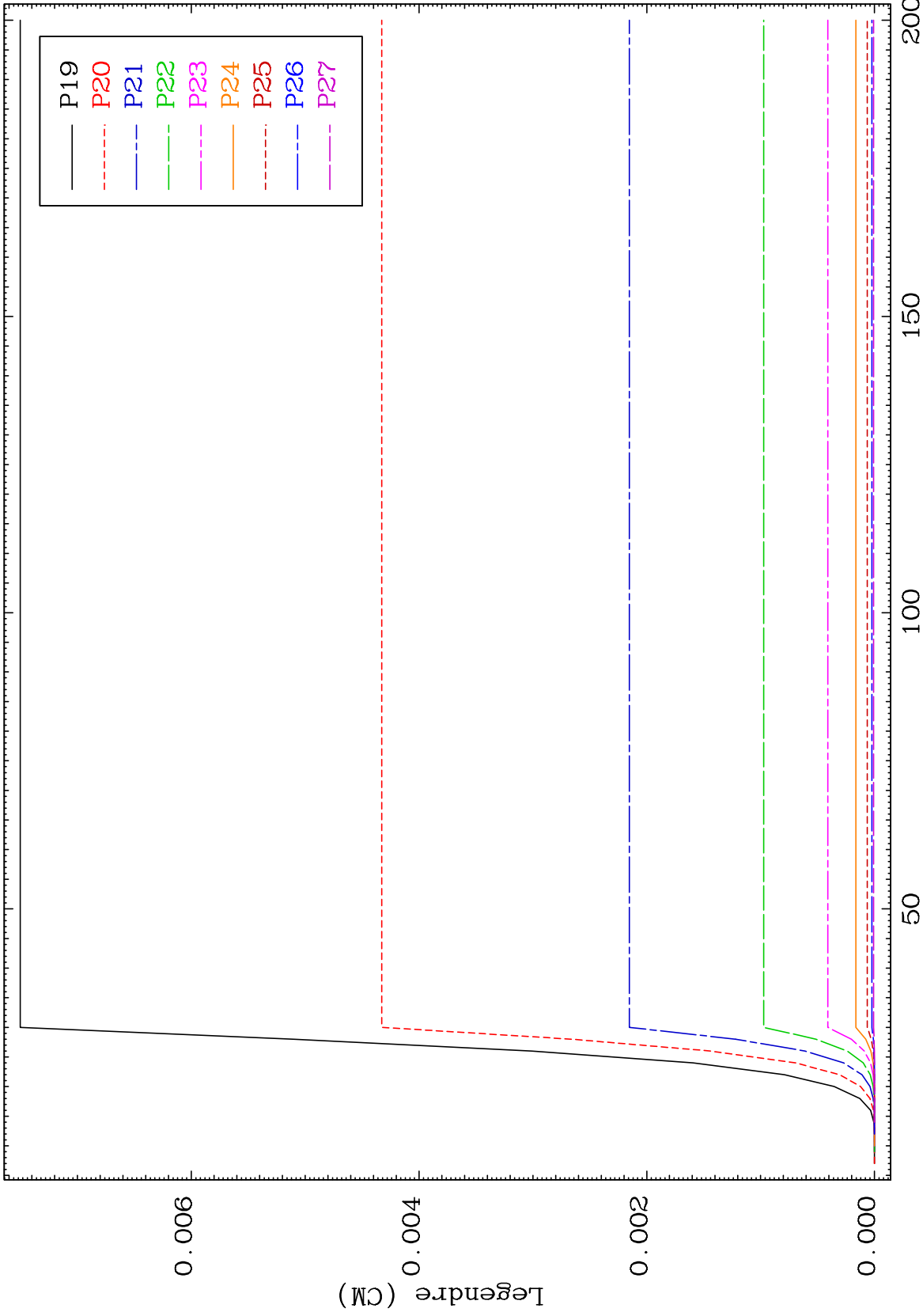
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



32

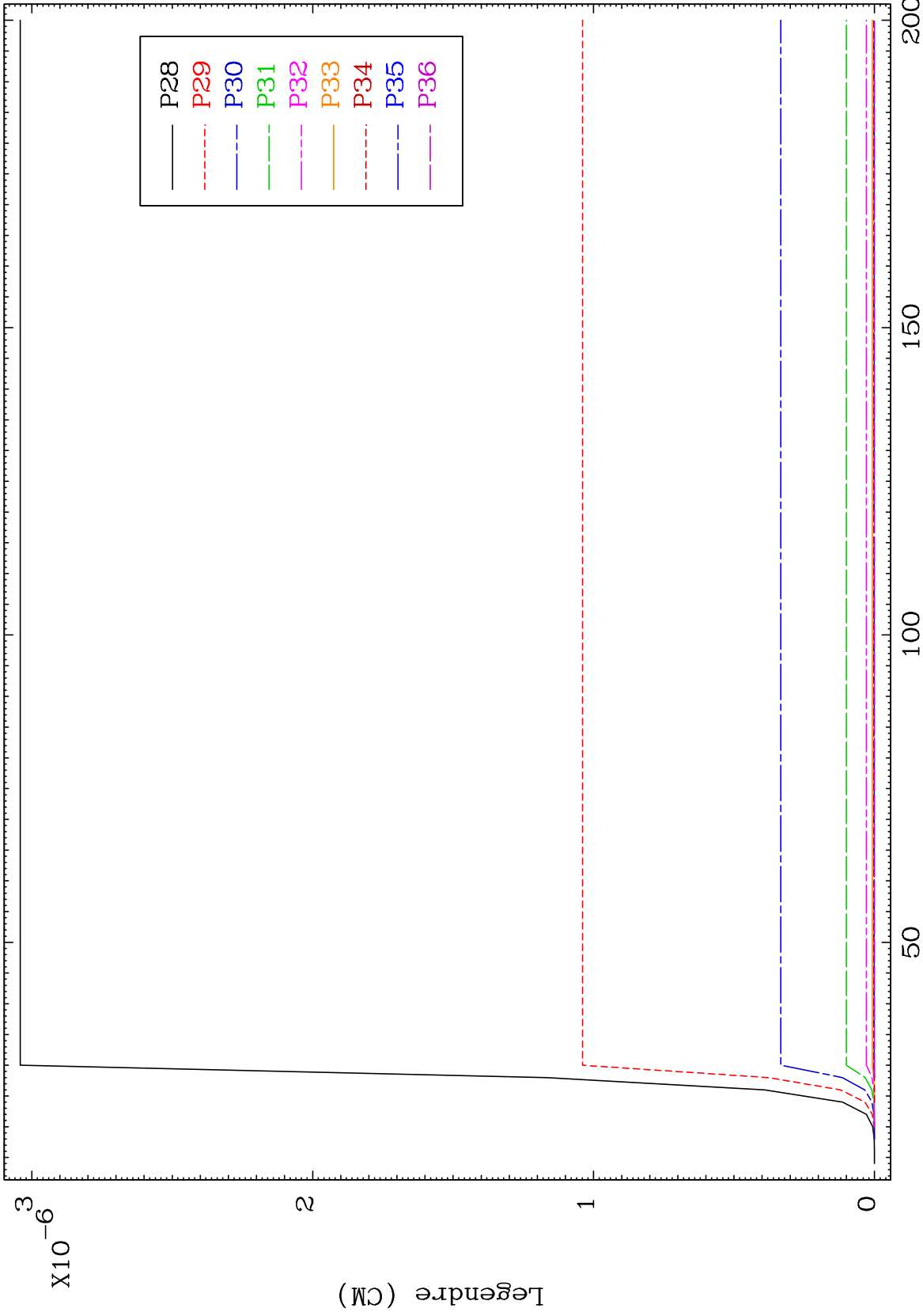
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



33

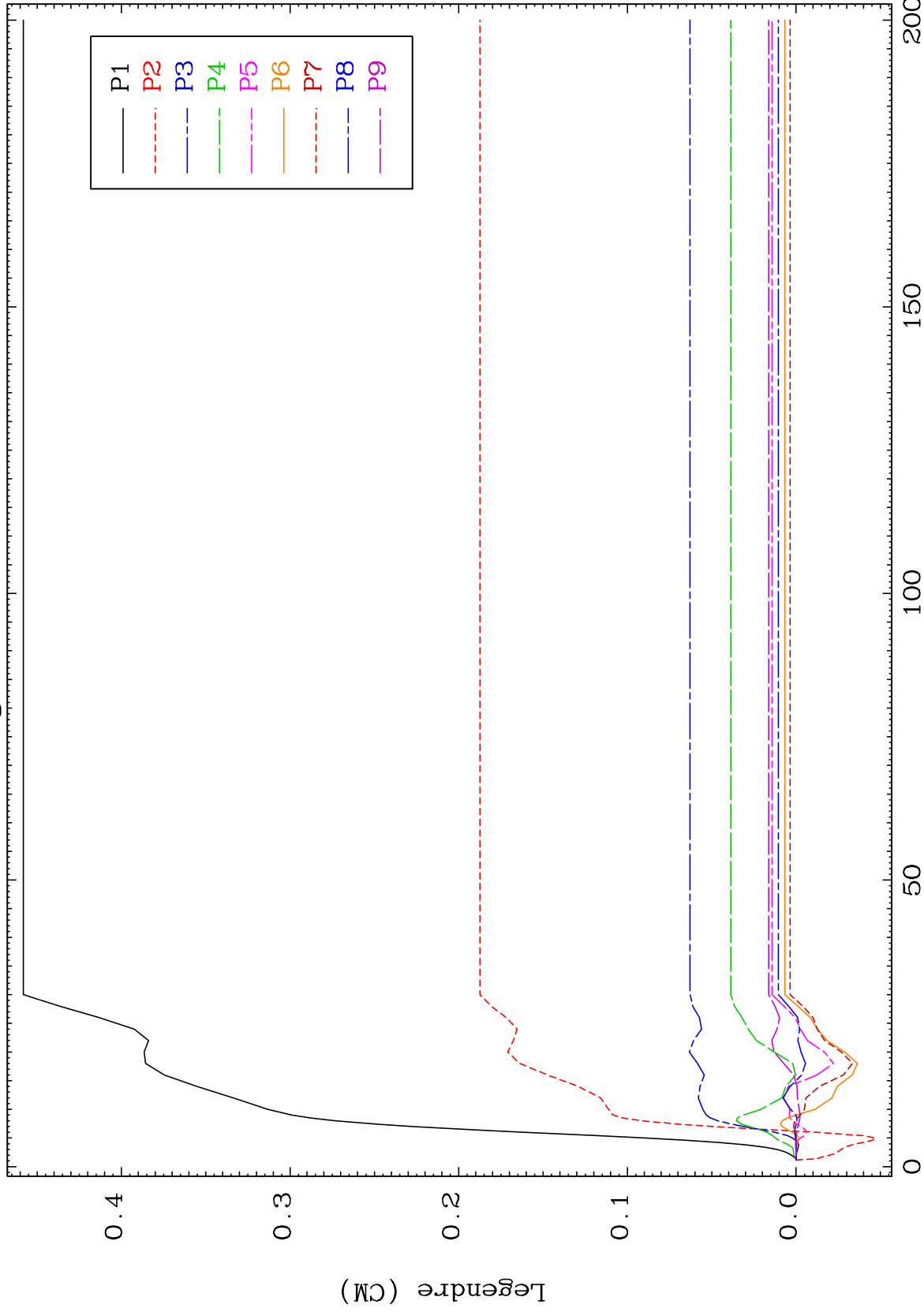
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



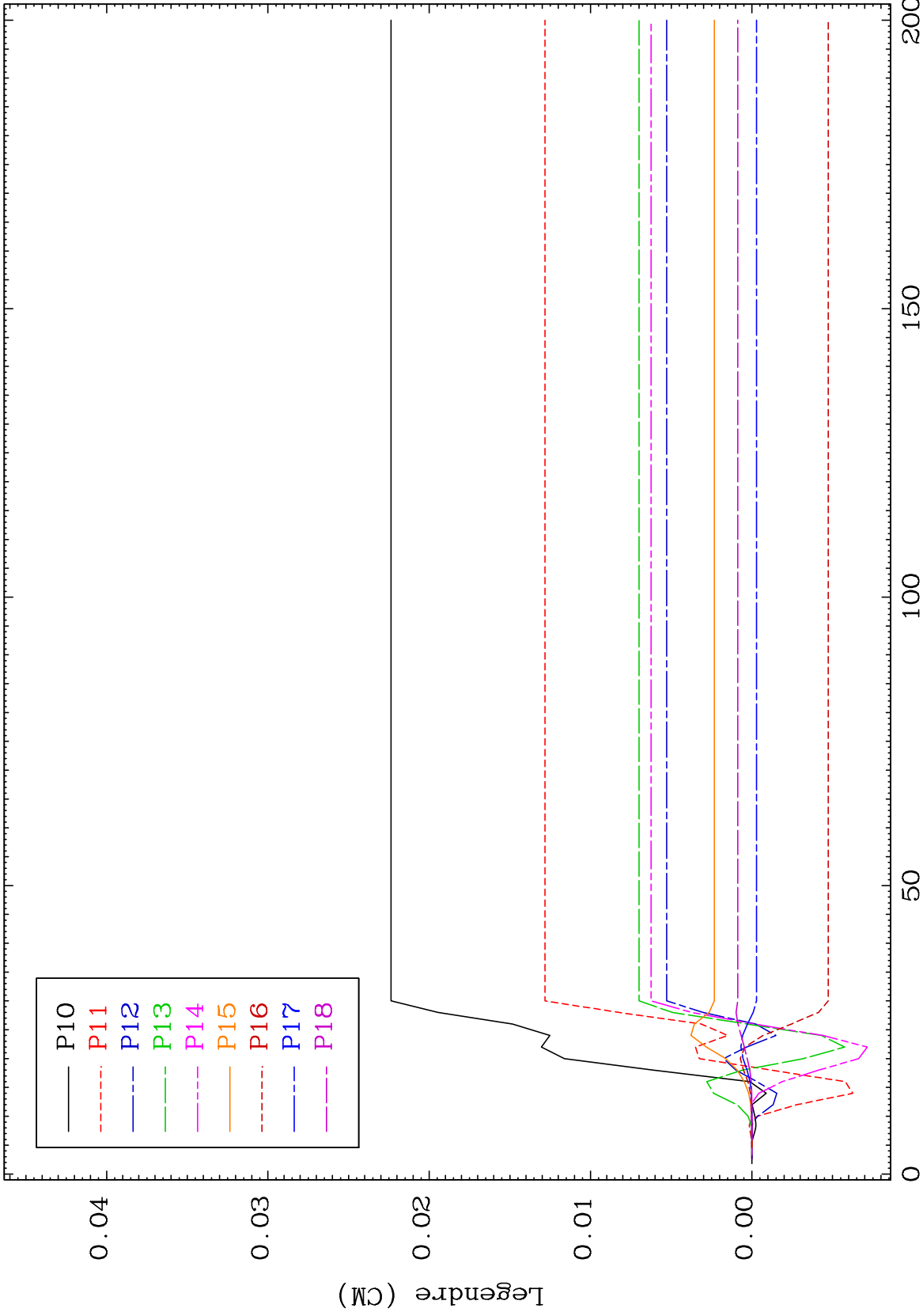
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49-In-123

MAT 4955

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

49-In-123



35

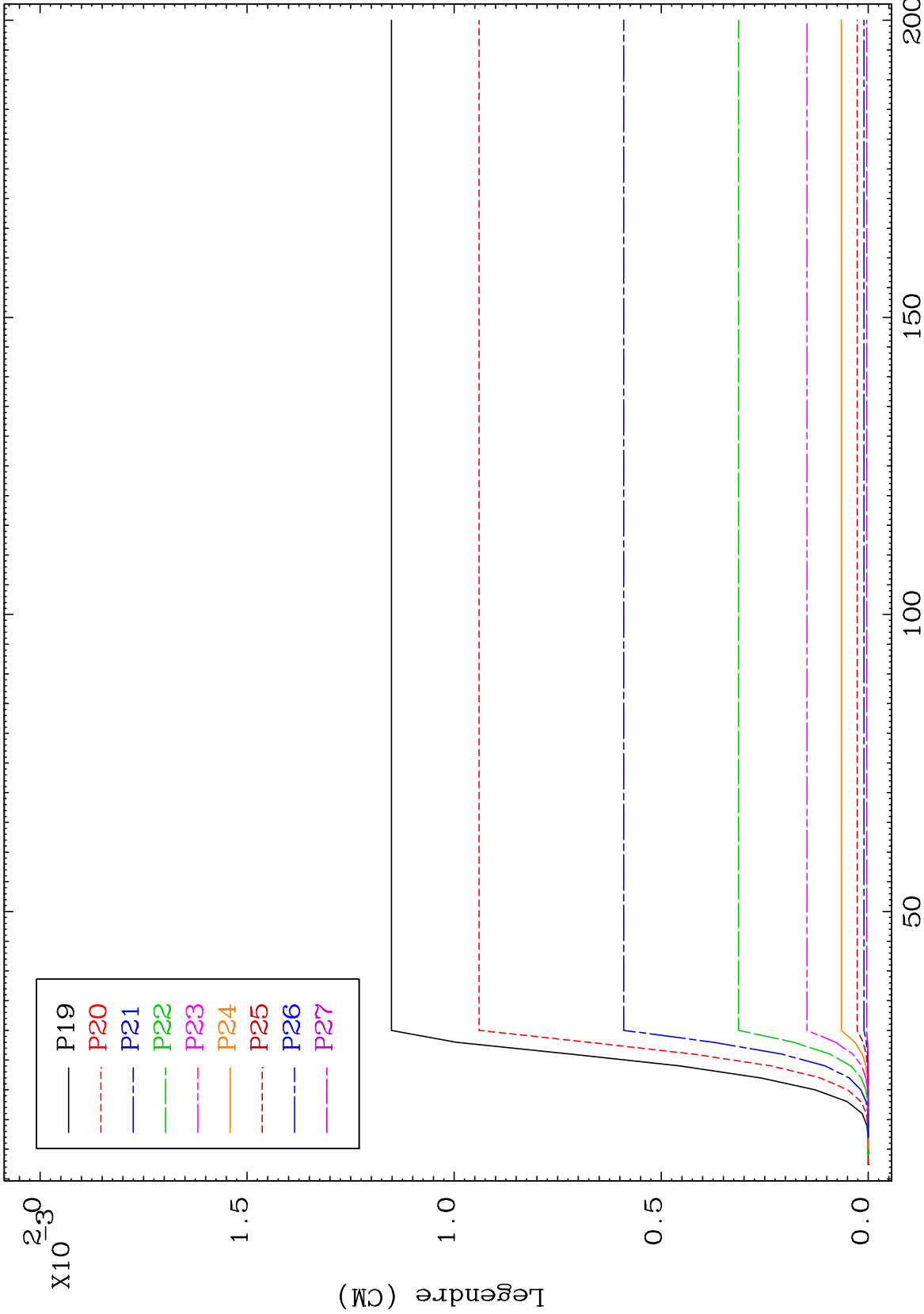
Incident Energy (MeV)

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MAT 4955

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

49-In-123



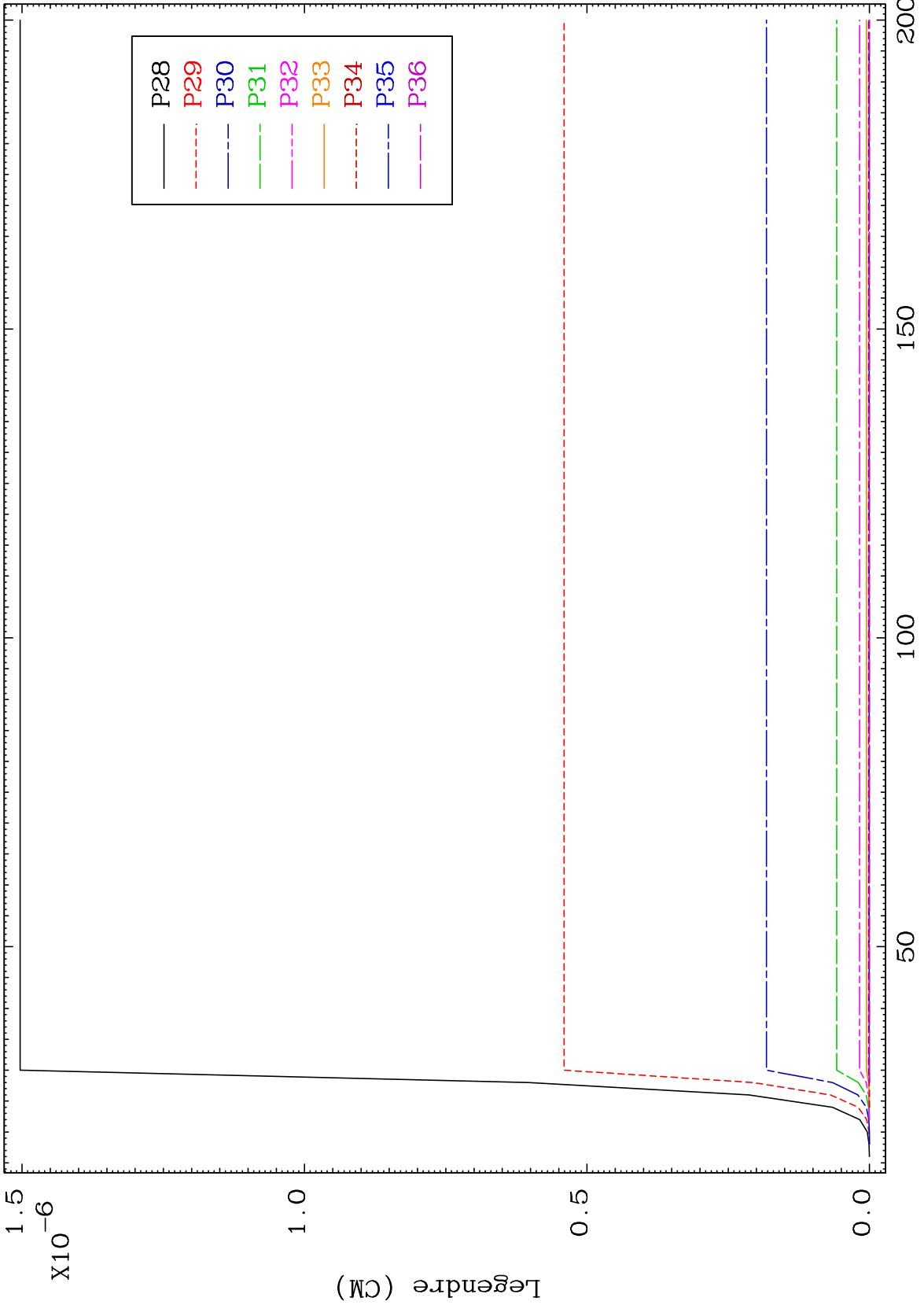
36

49-In-123

MAT 4955

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

49-In-123



37

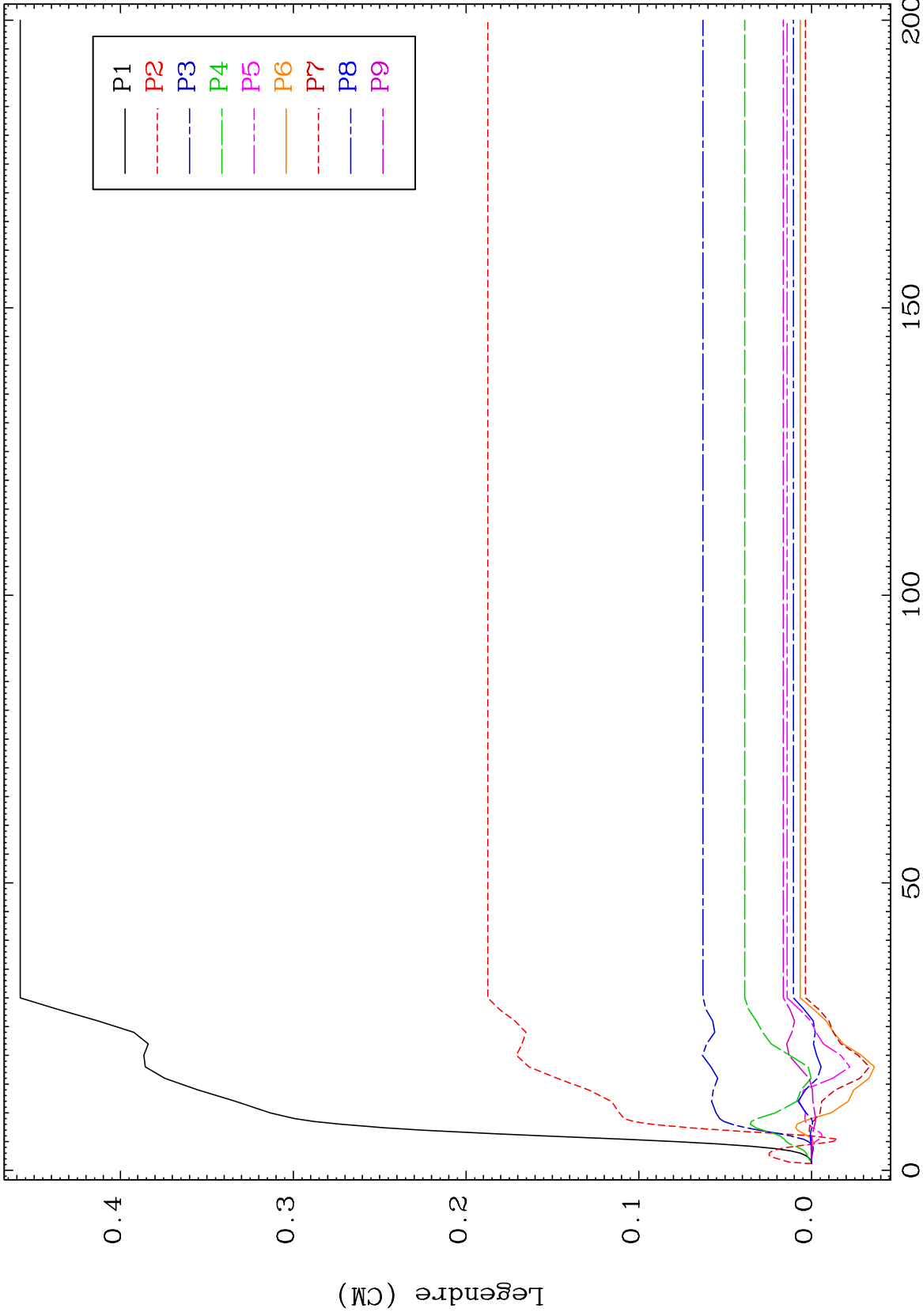
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



38

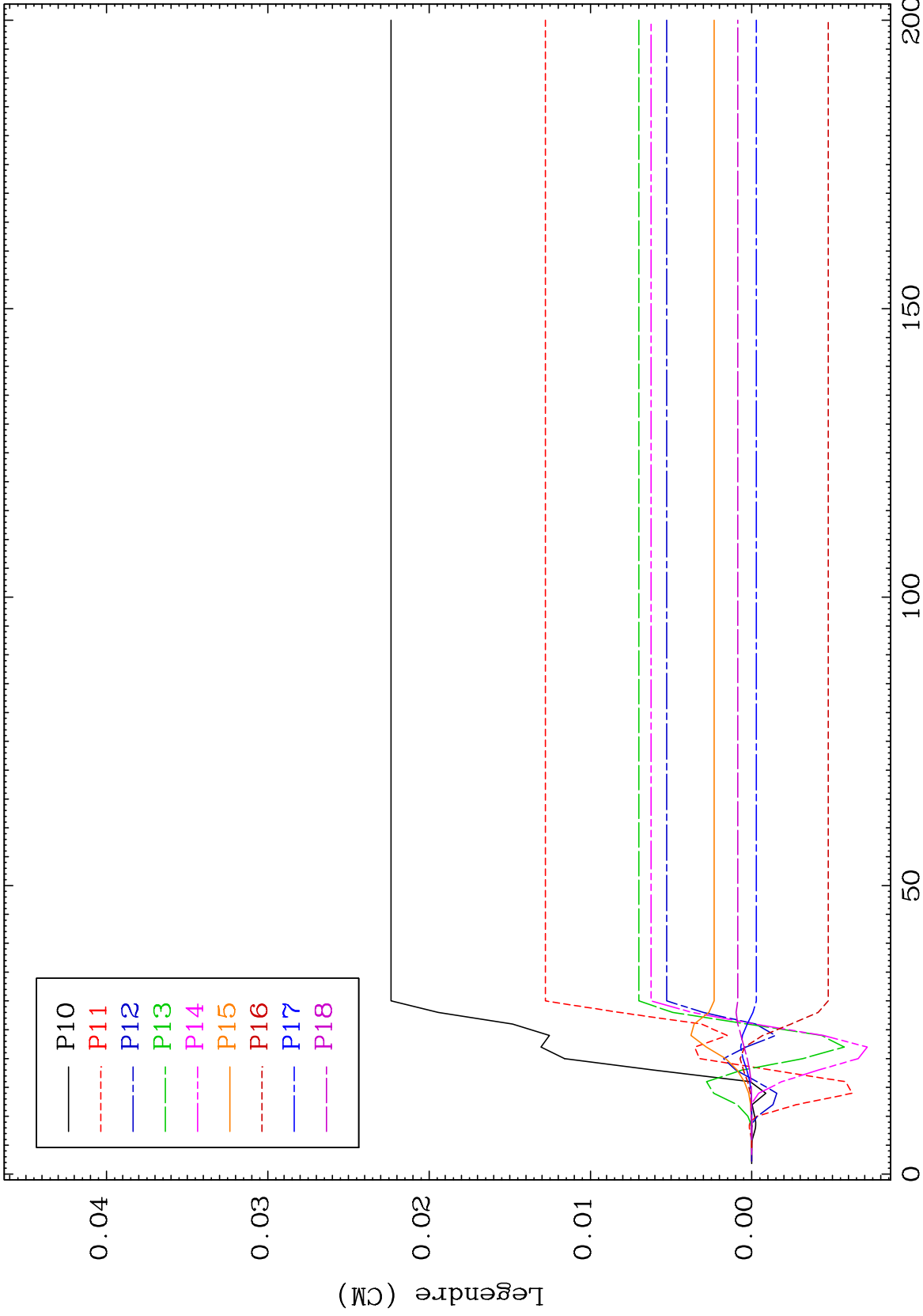
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



39

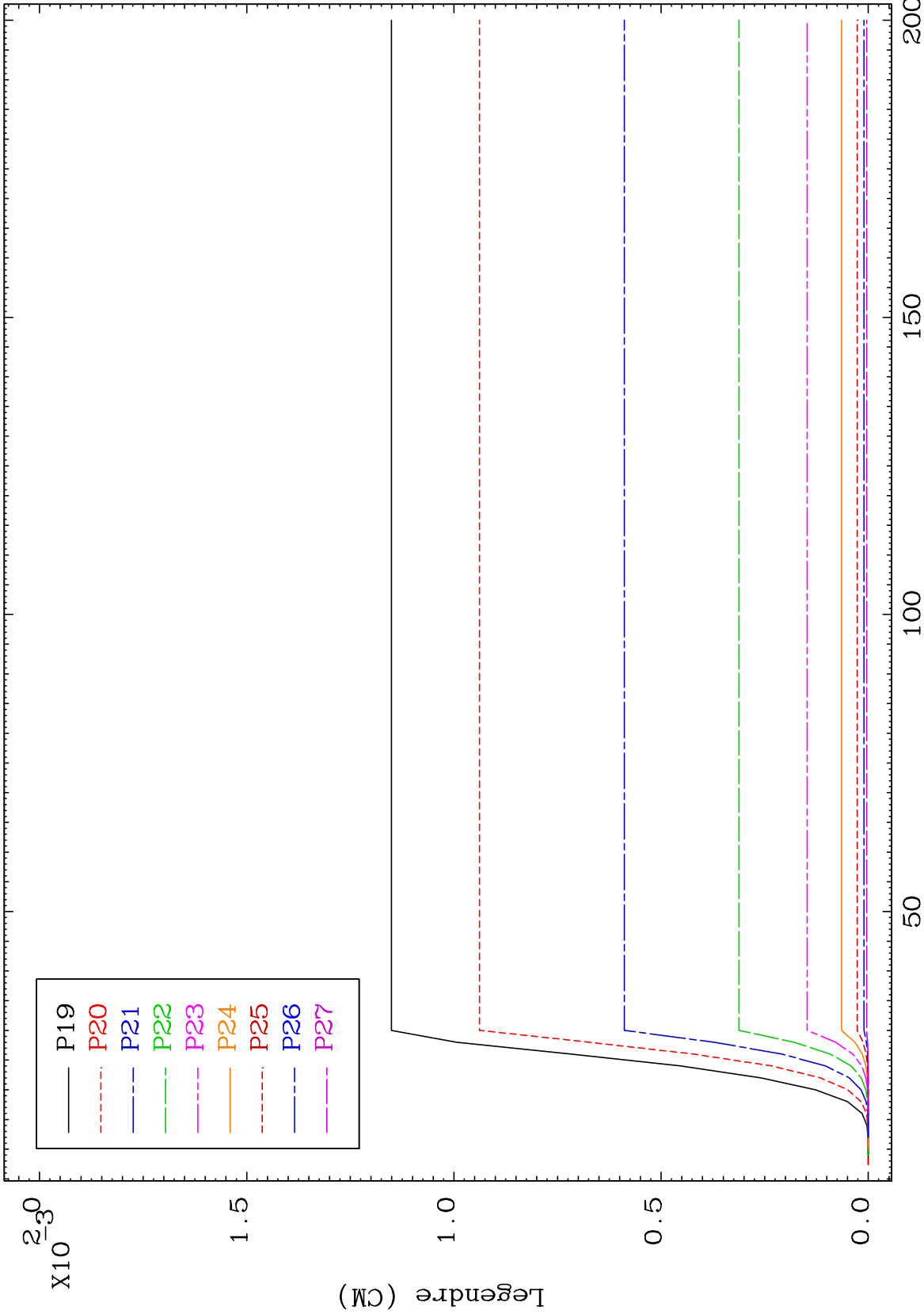
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



40

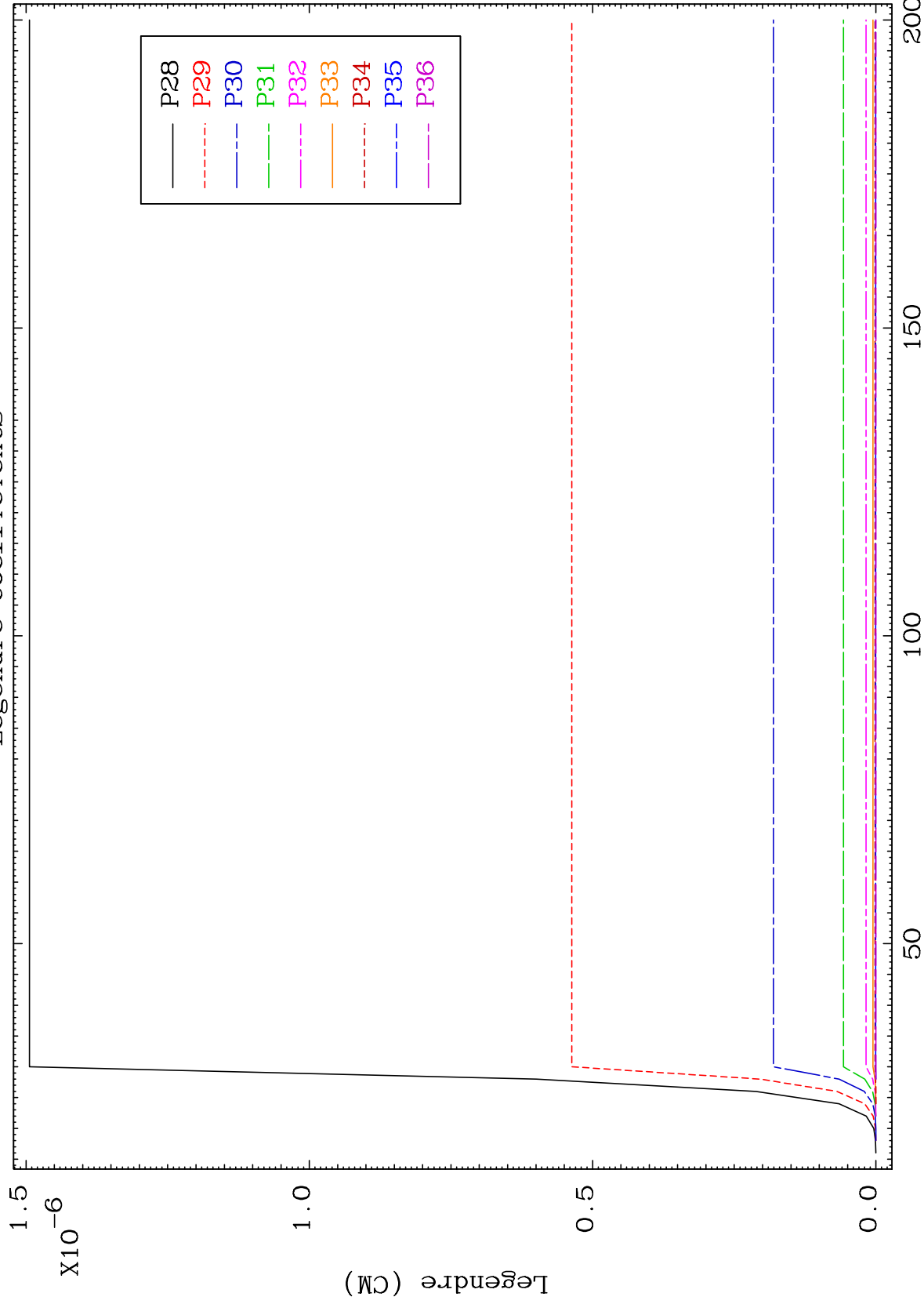
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



41

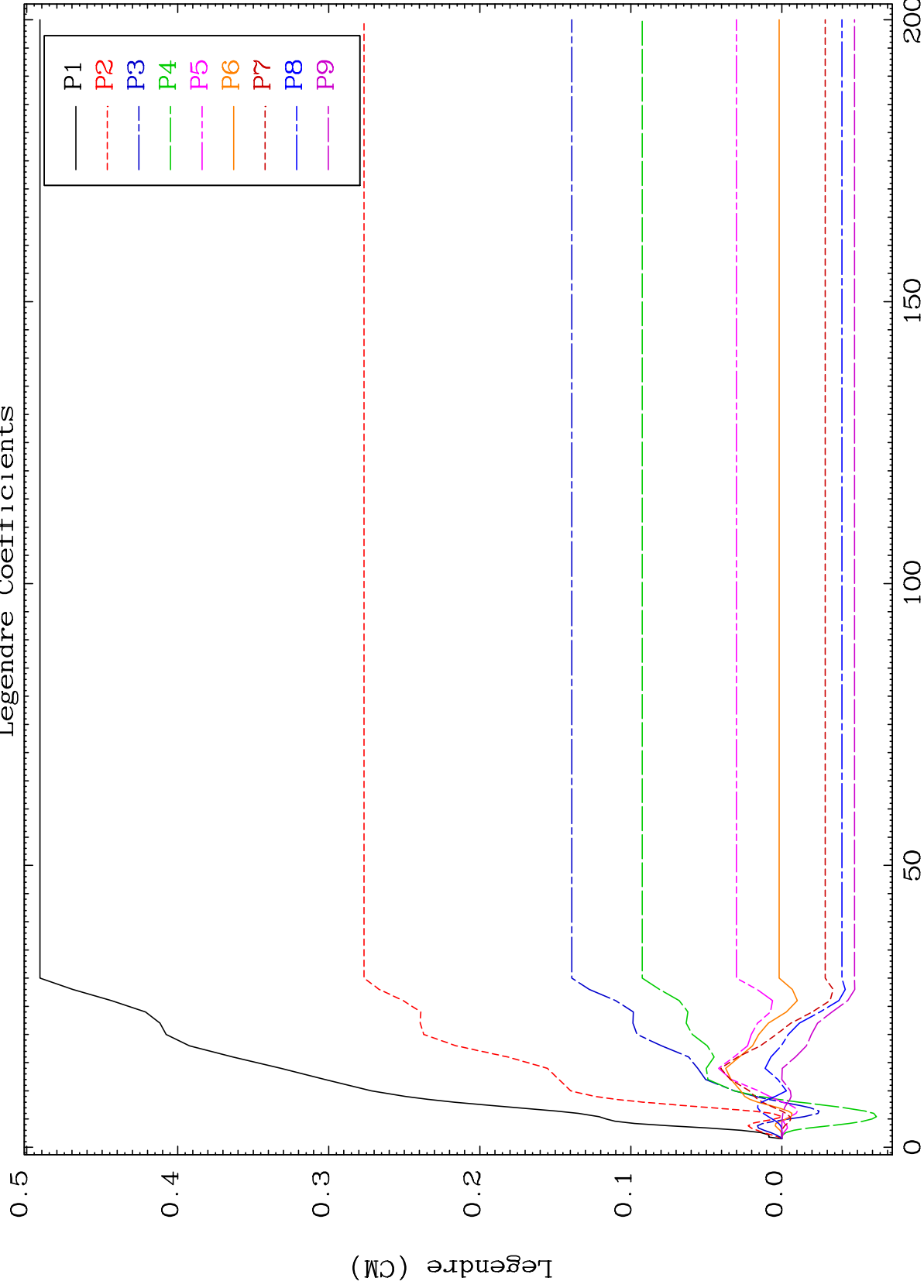
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



42

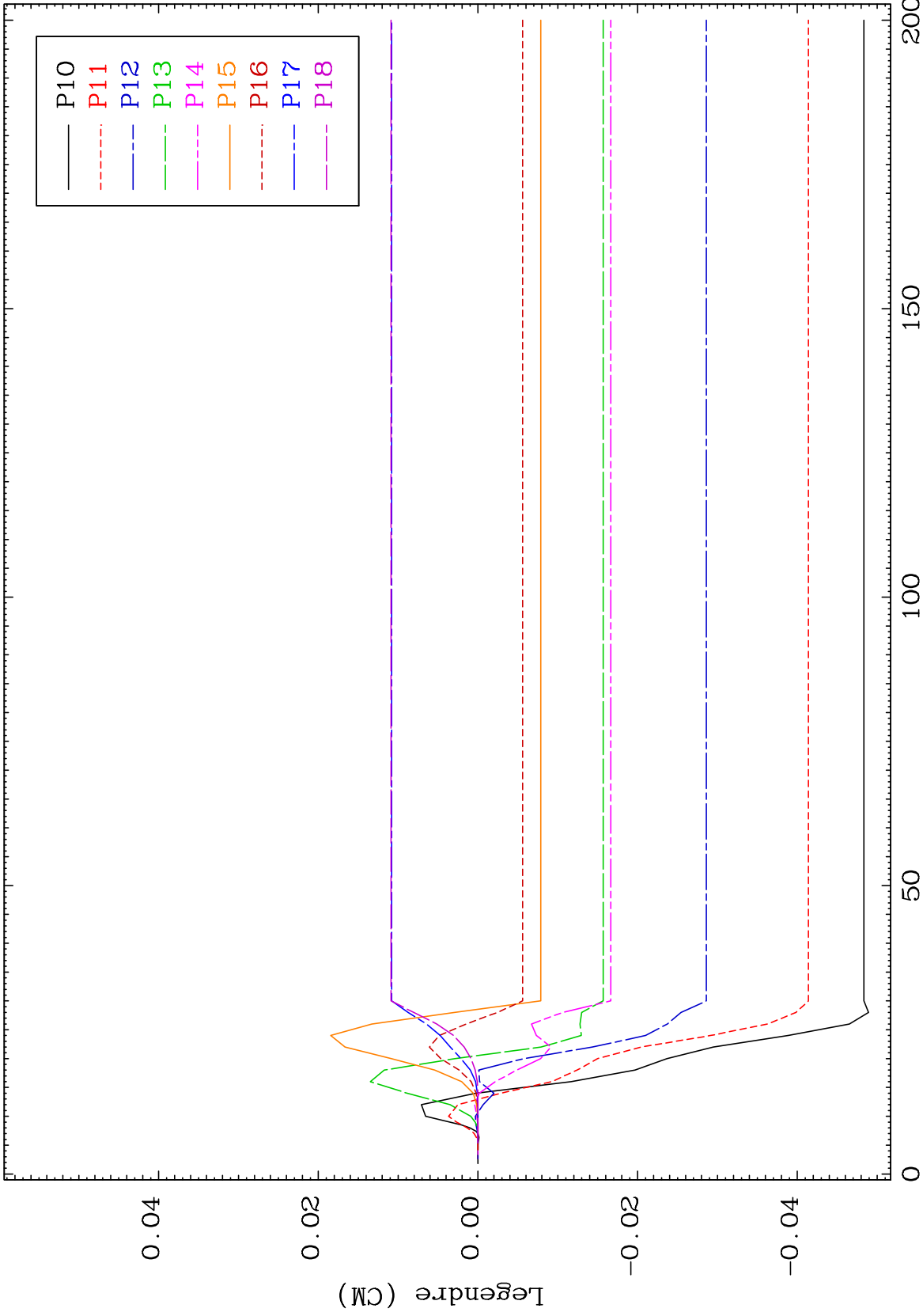
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



43

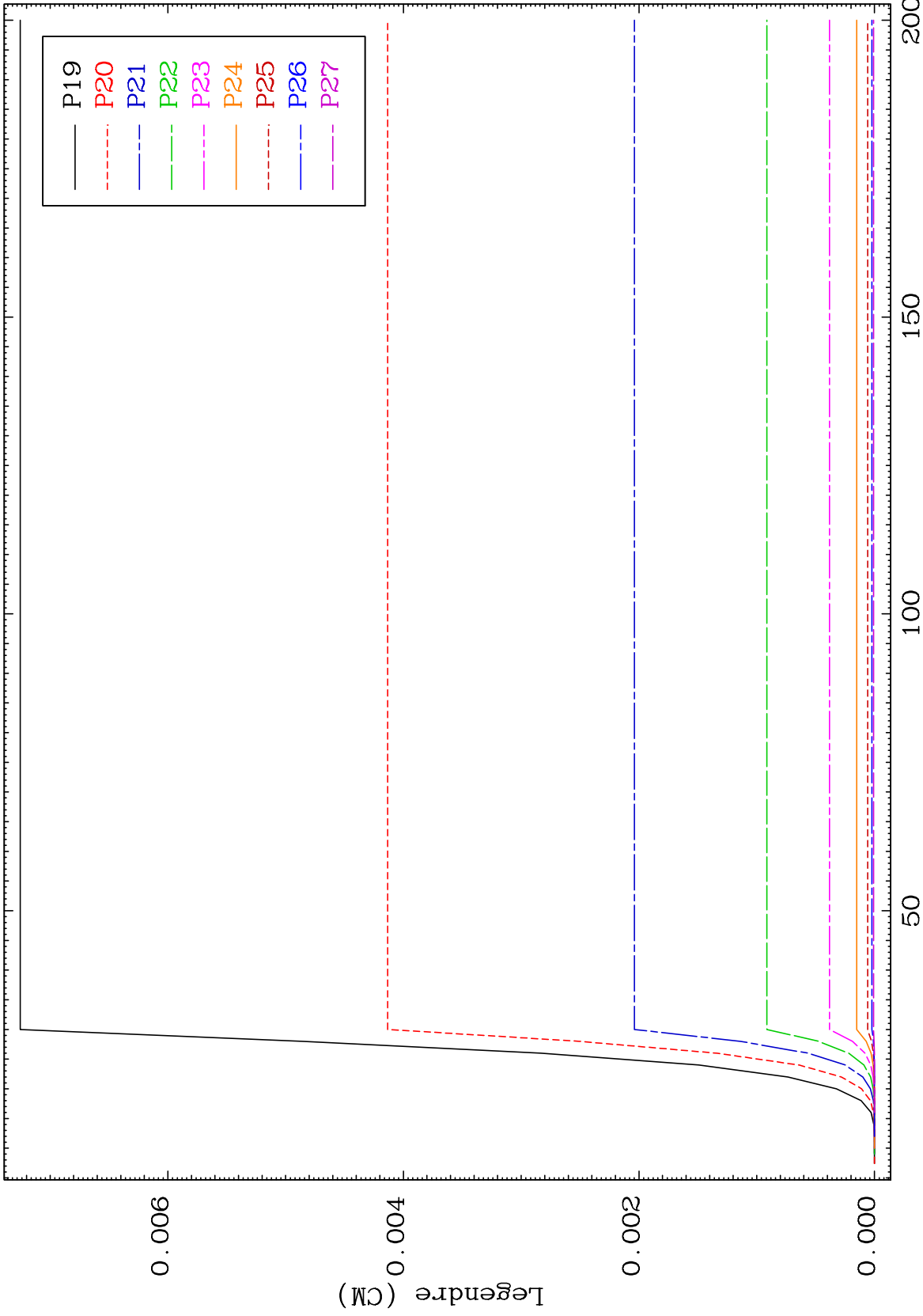
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



44

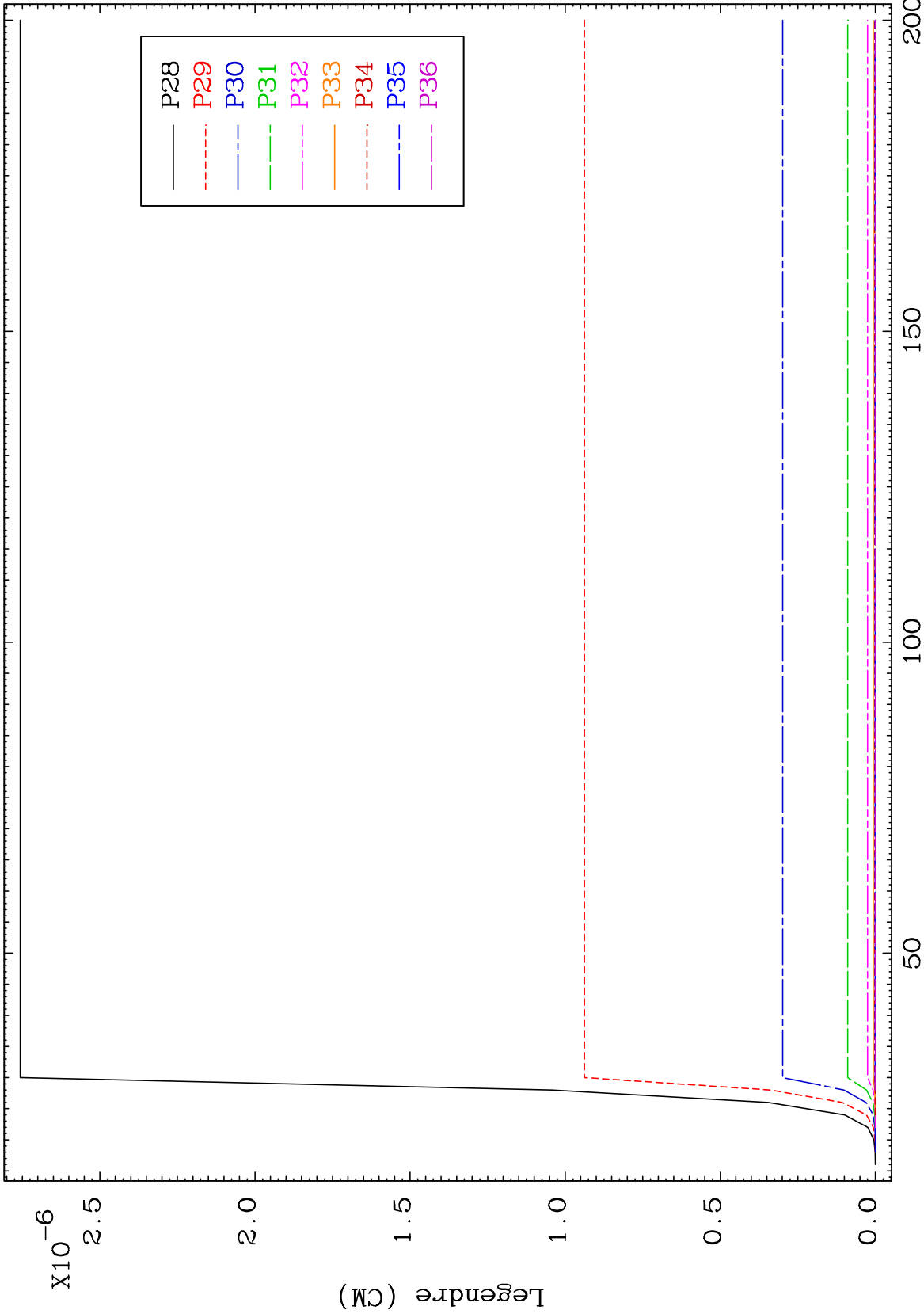
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



45

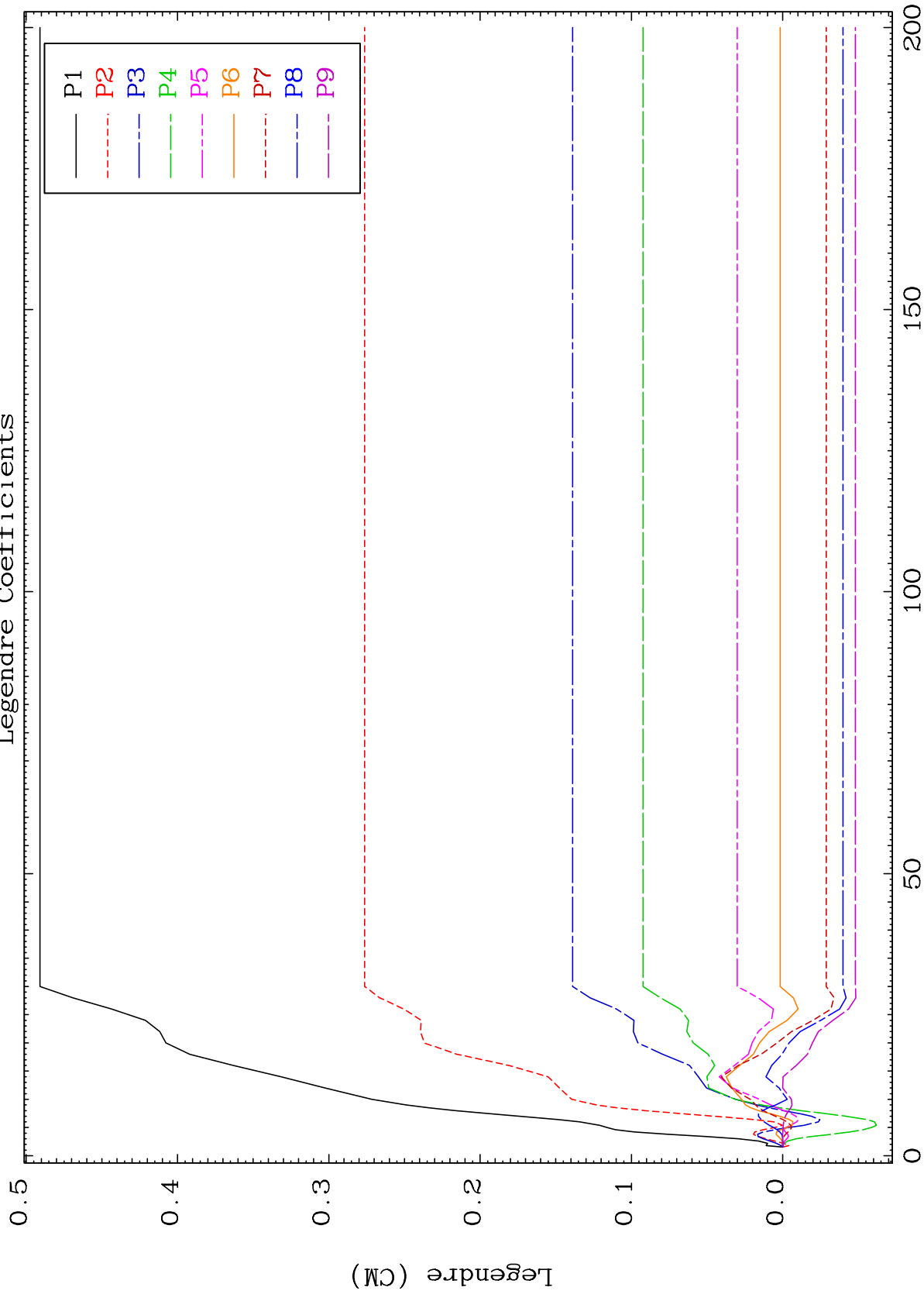
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



46

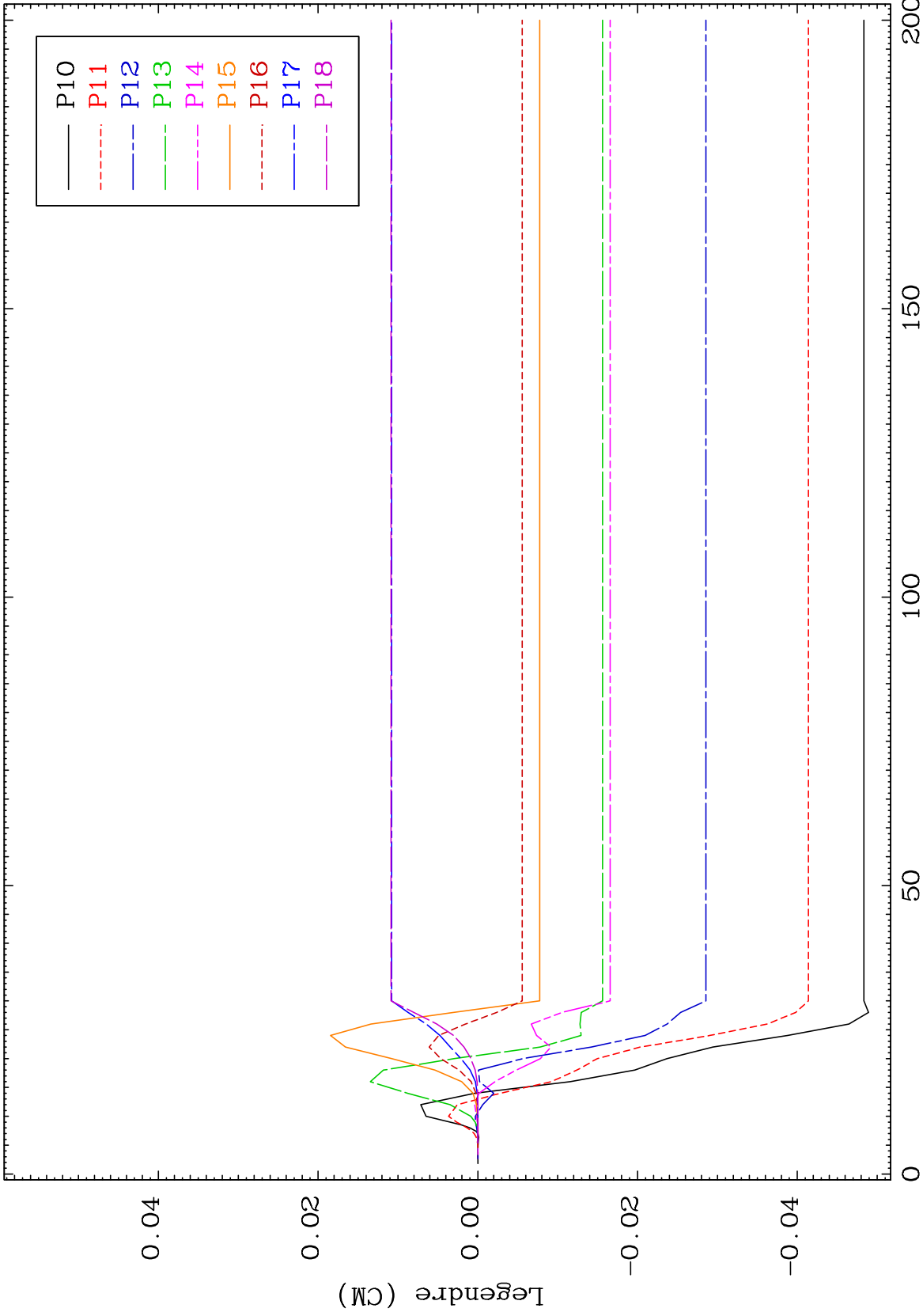
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



47

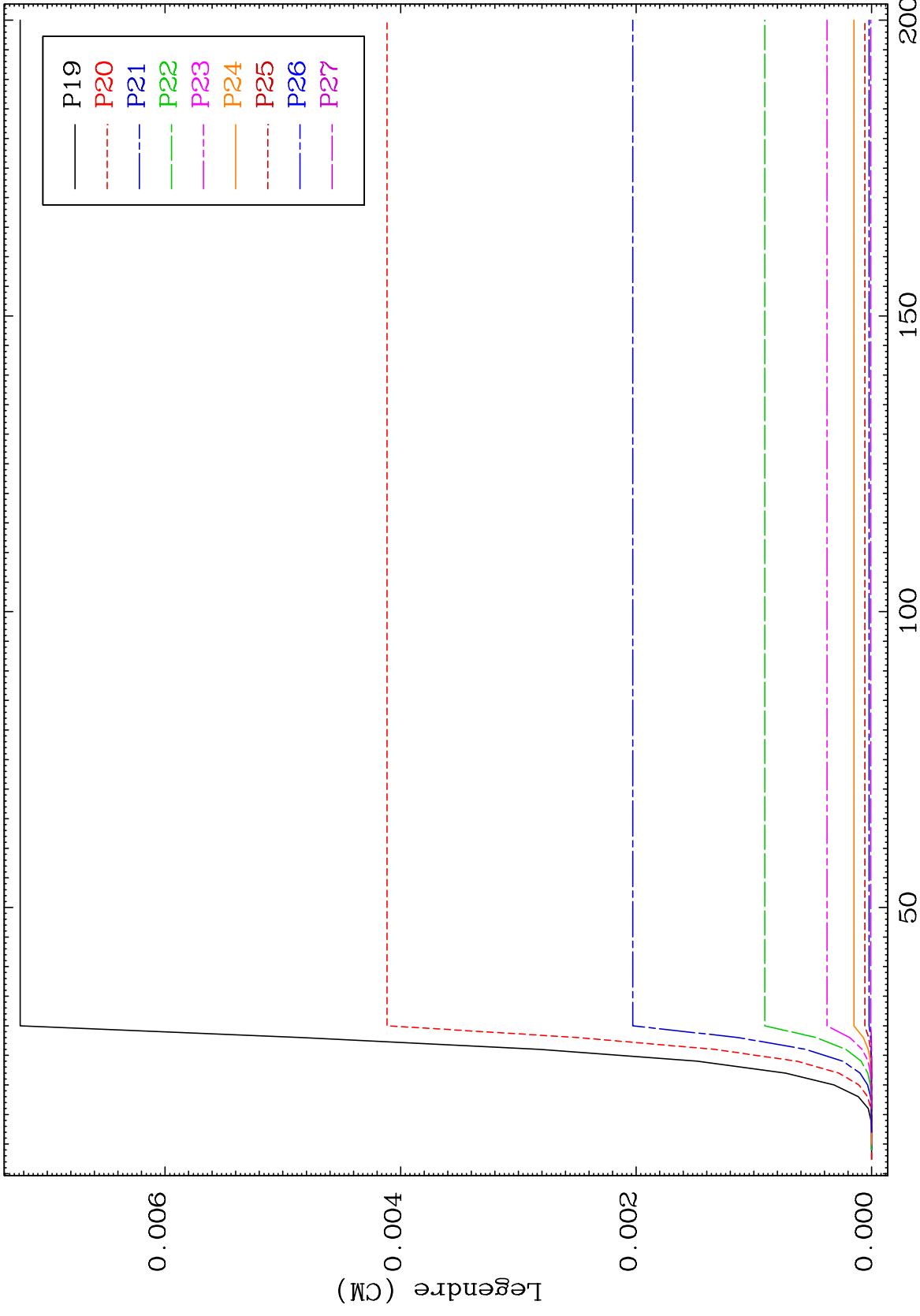
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



48

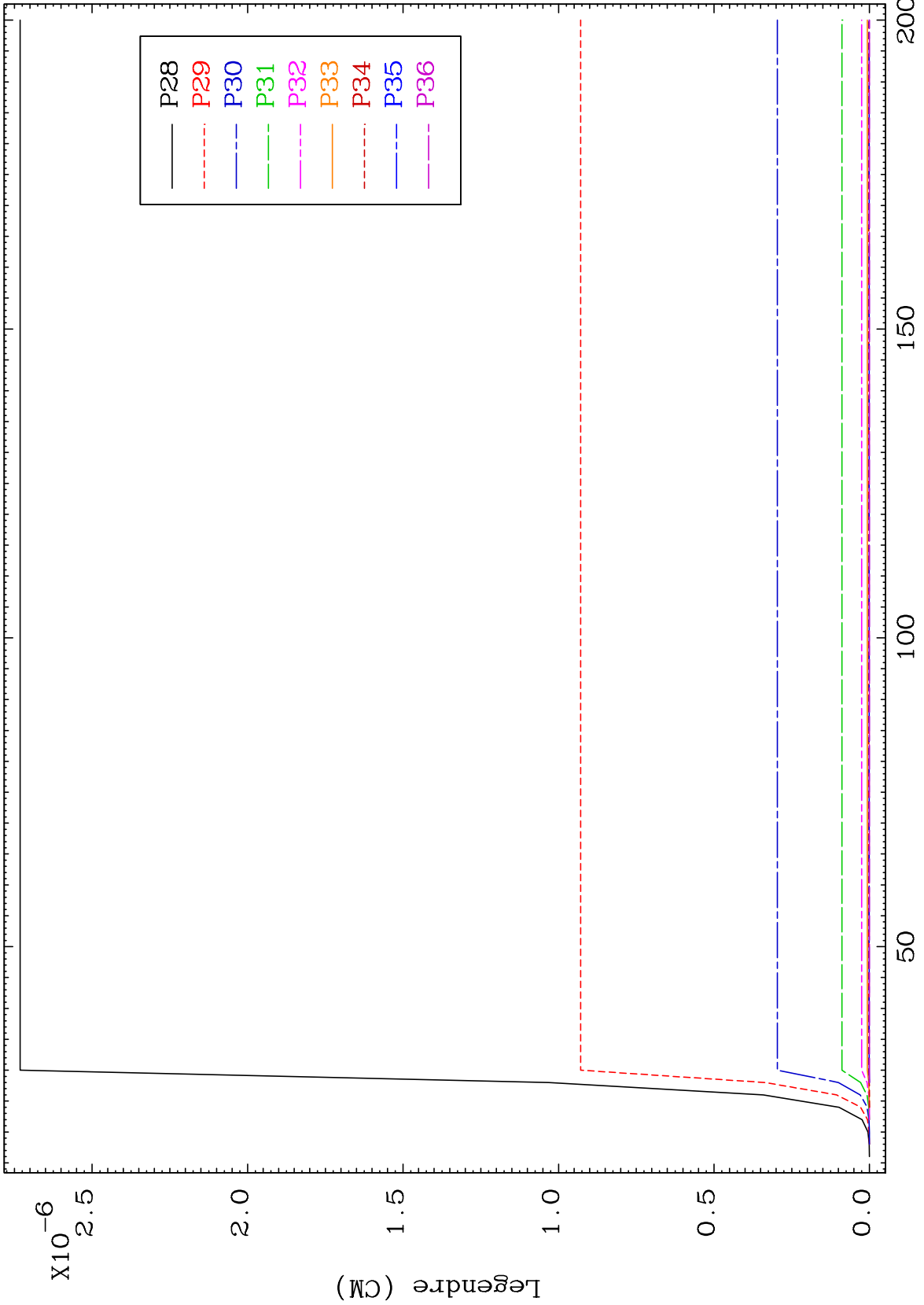
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123

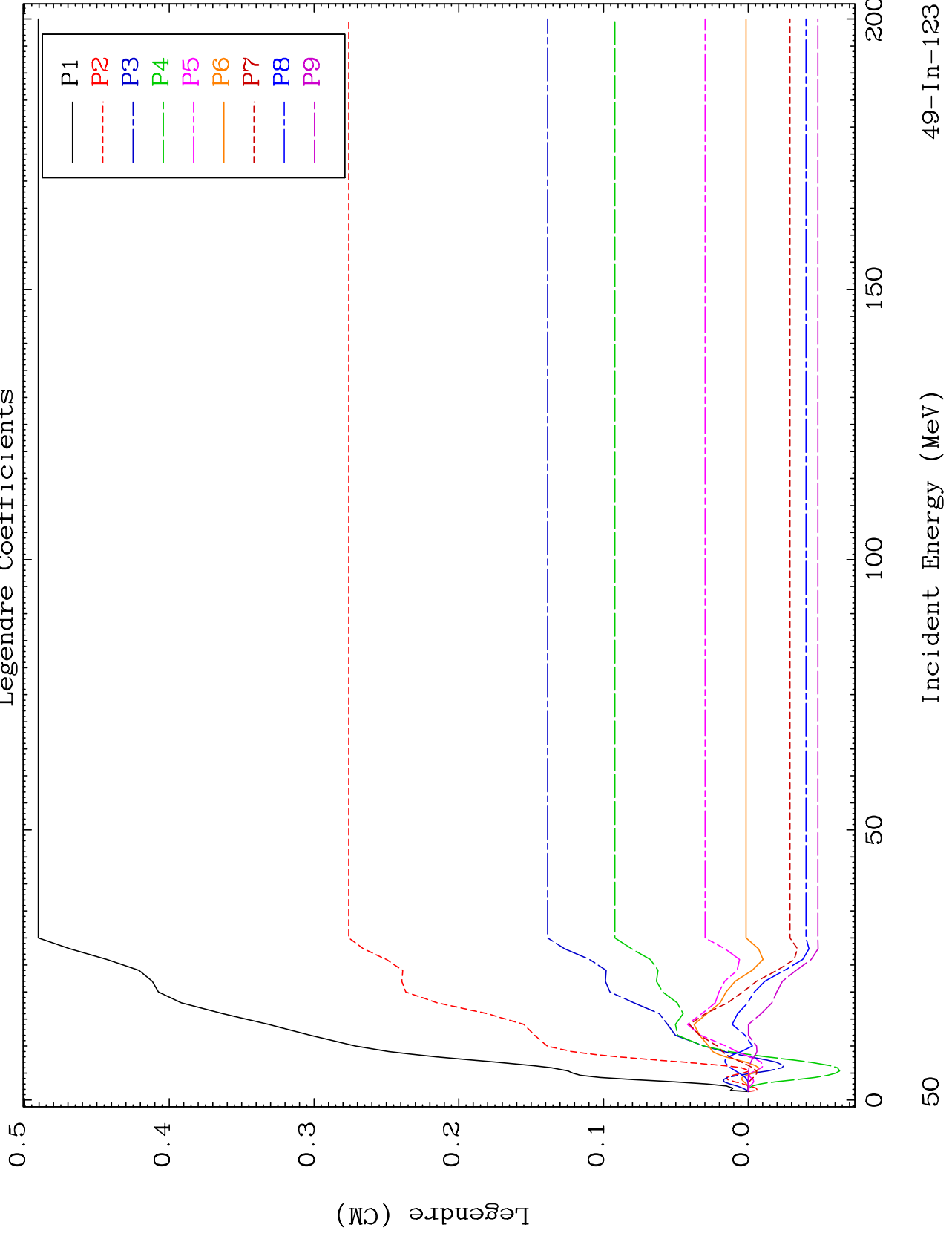


49

49-In-123

49-In-123

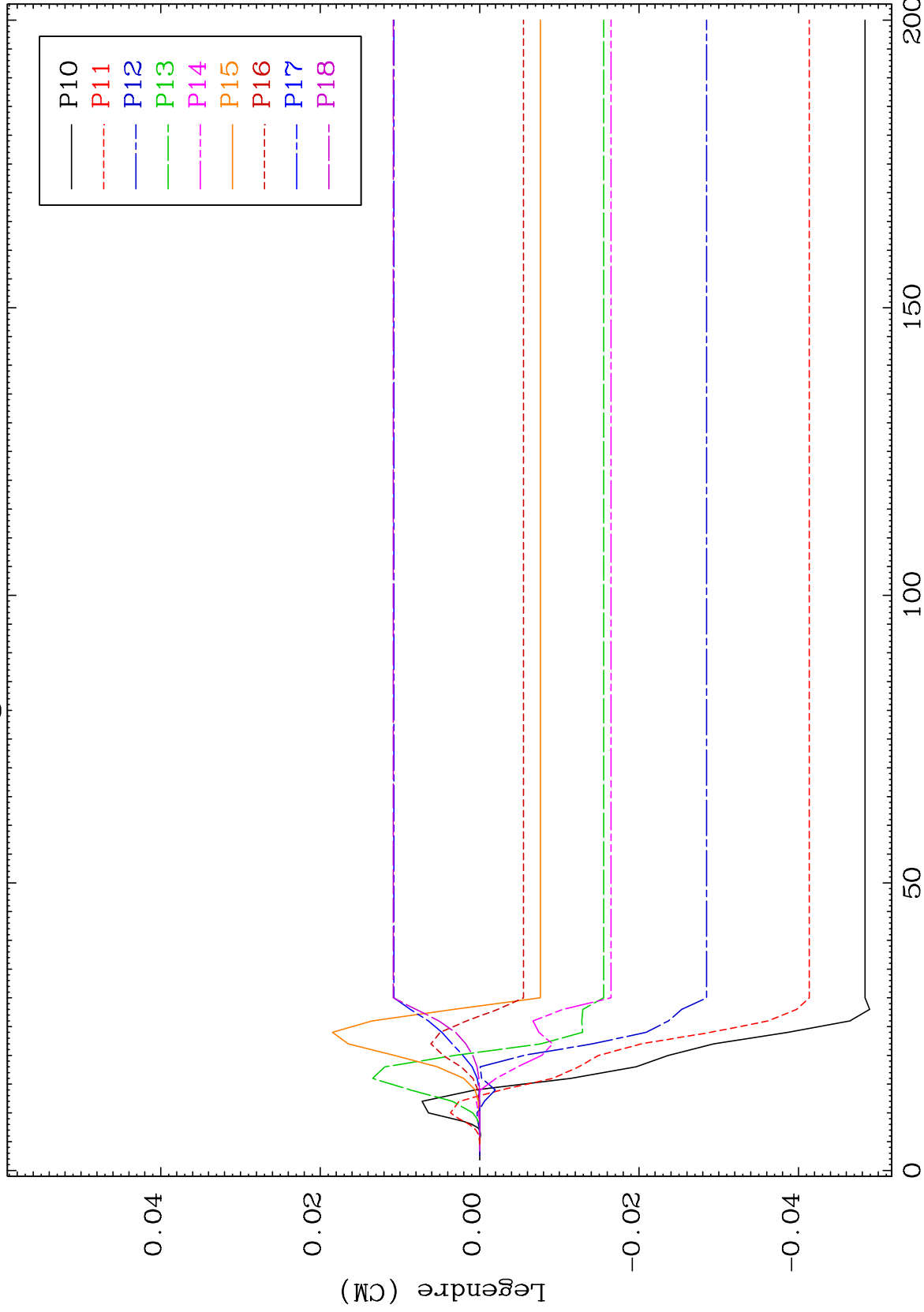
MAT 4955 MT= 59 (n,n') Level Legendre Coefficients 49-In-123



MAT 4955

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

49-In-123



51

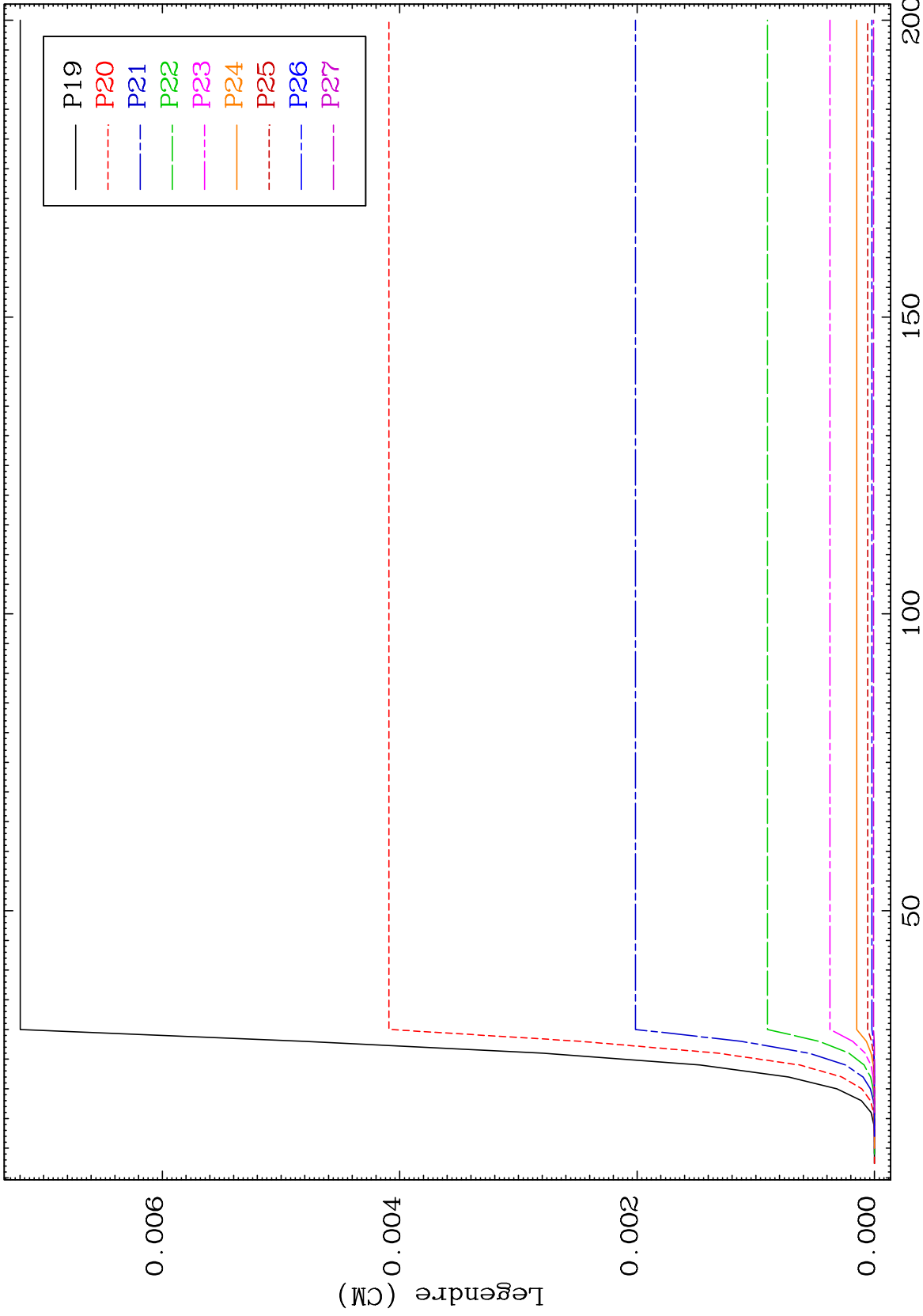
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



52

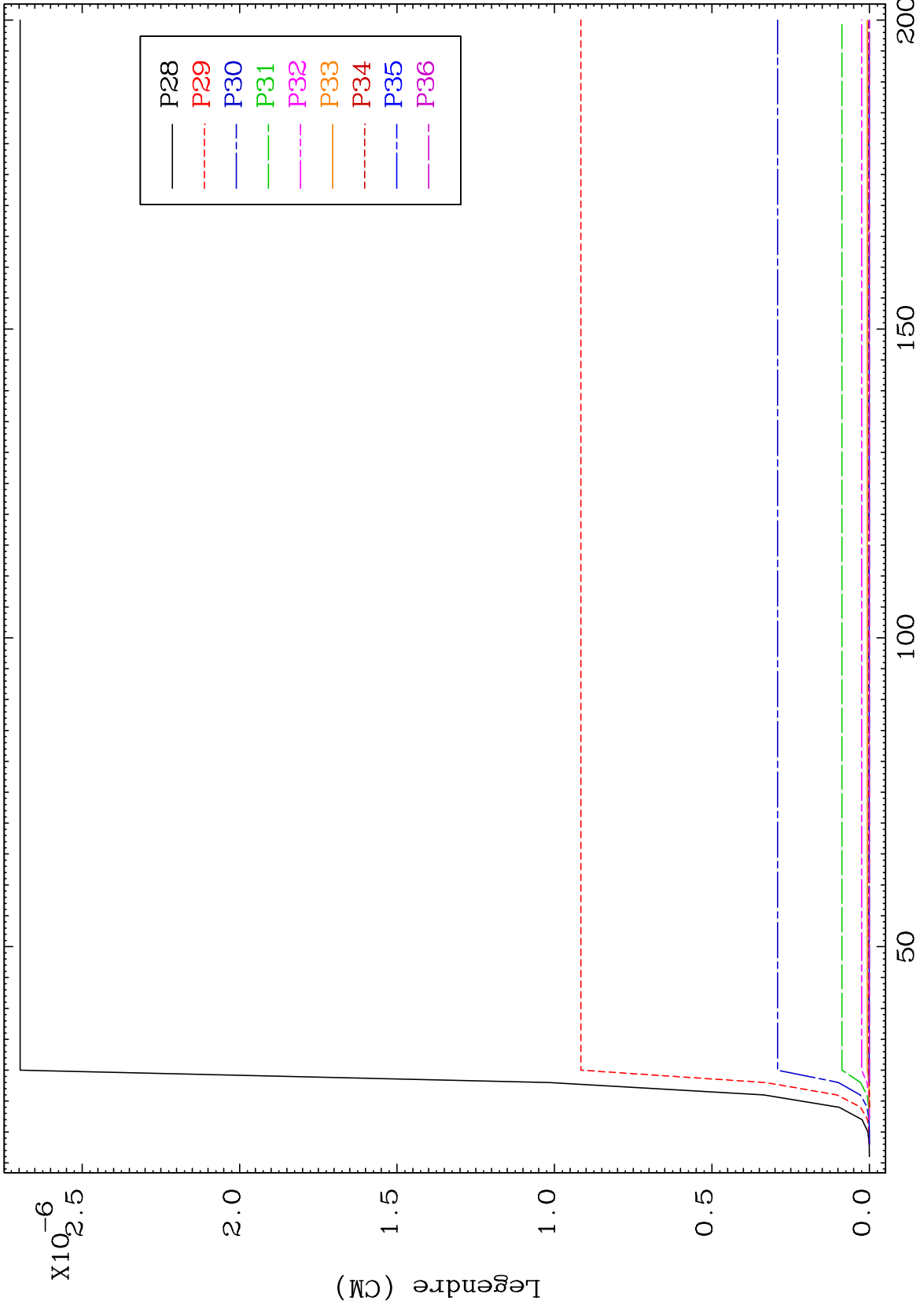
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



53

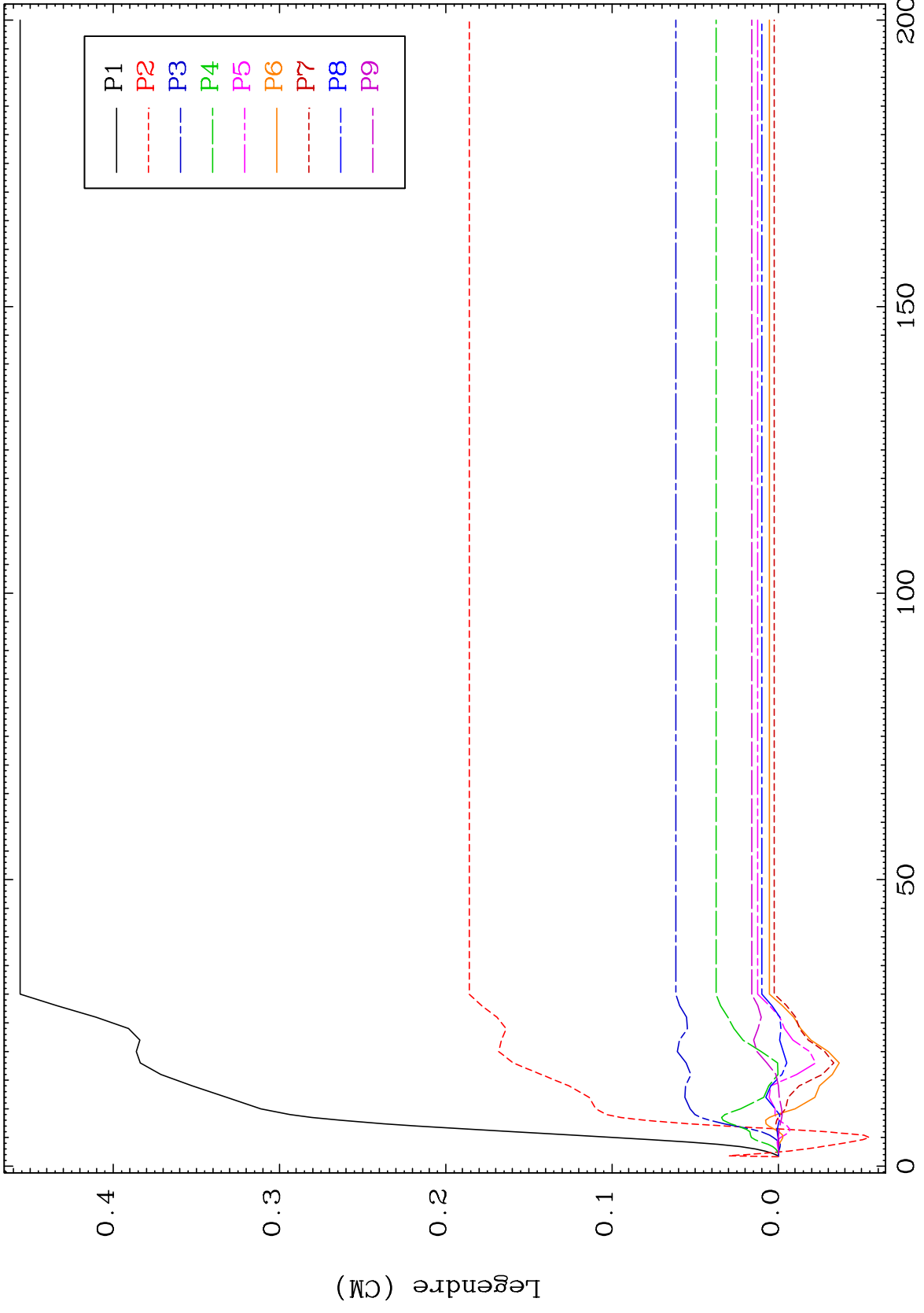
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



54

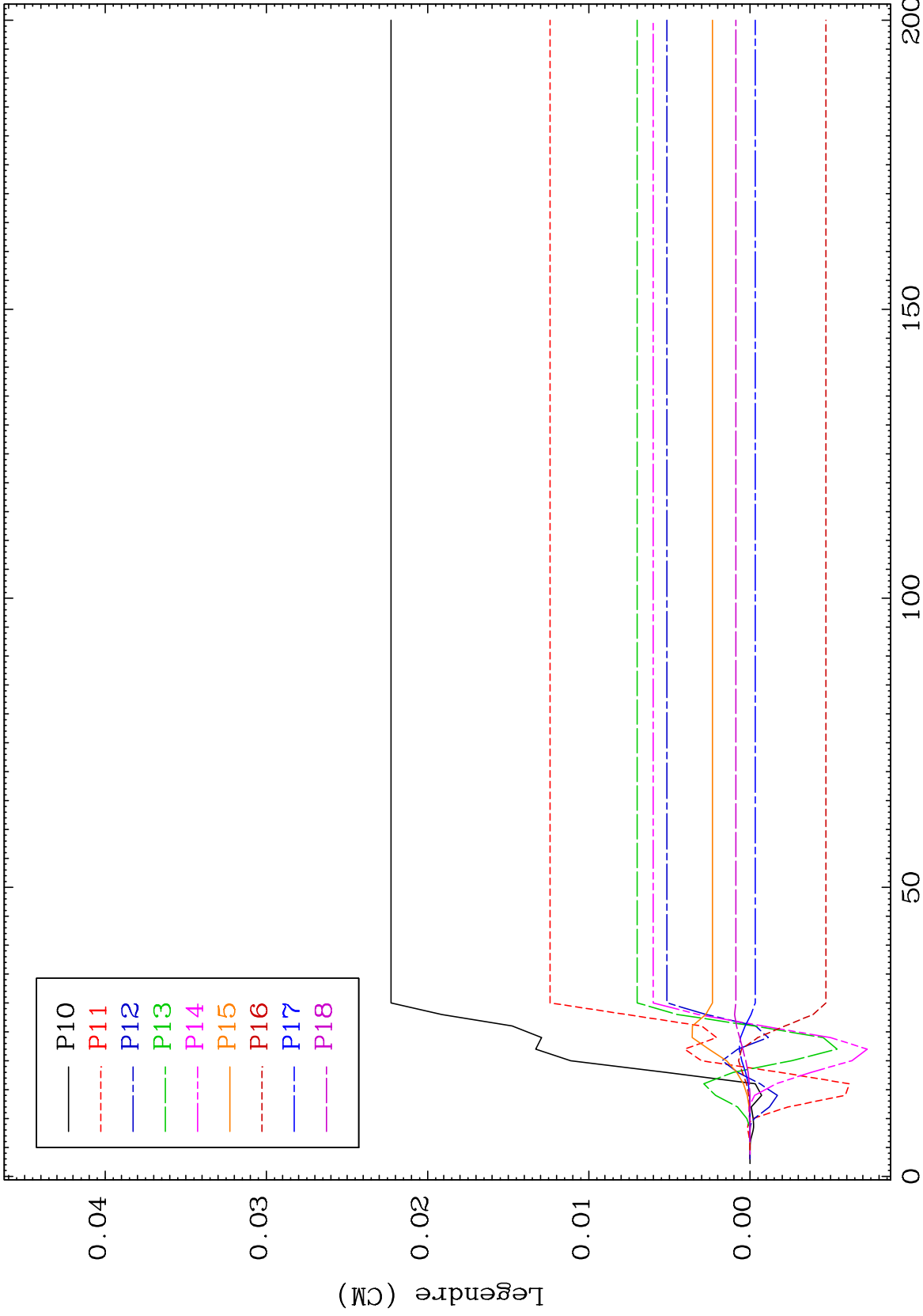
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



55

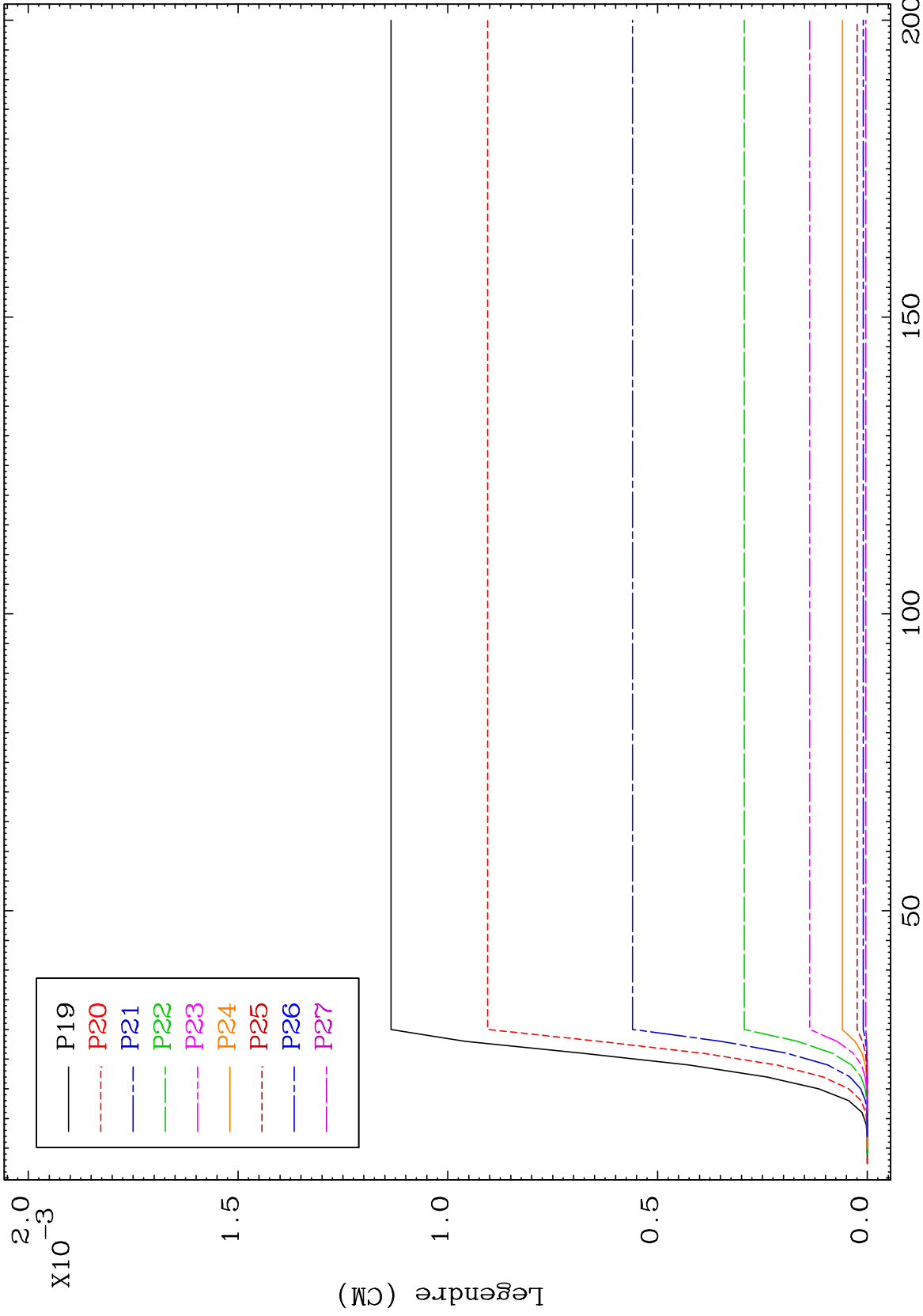
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



56

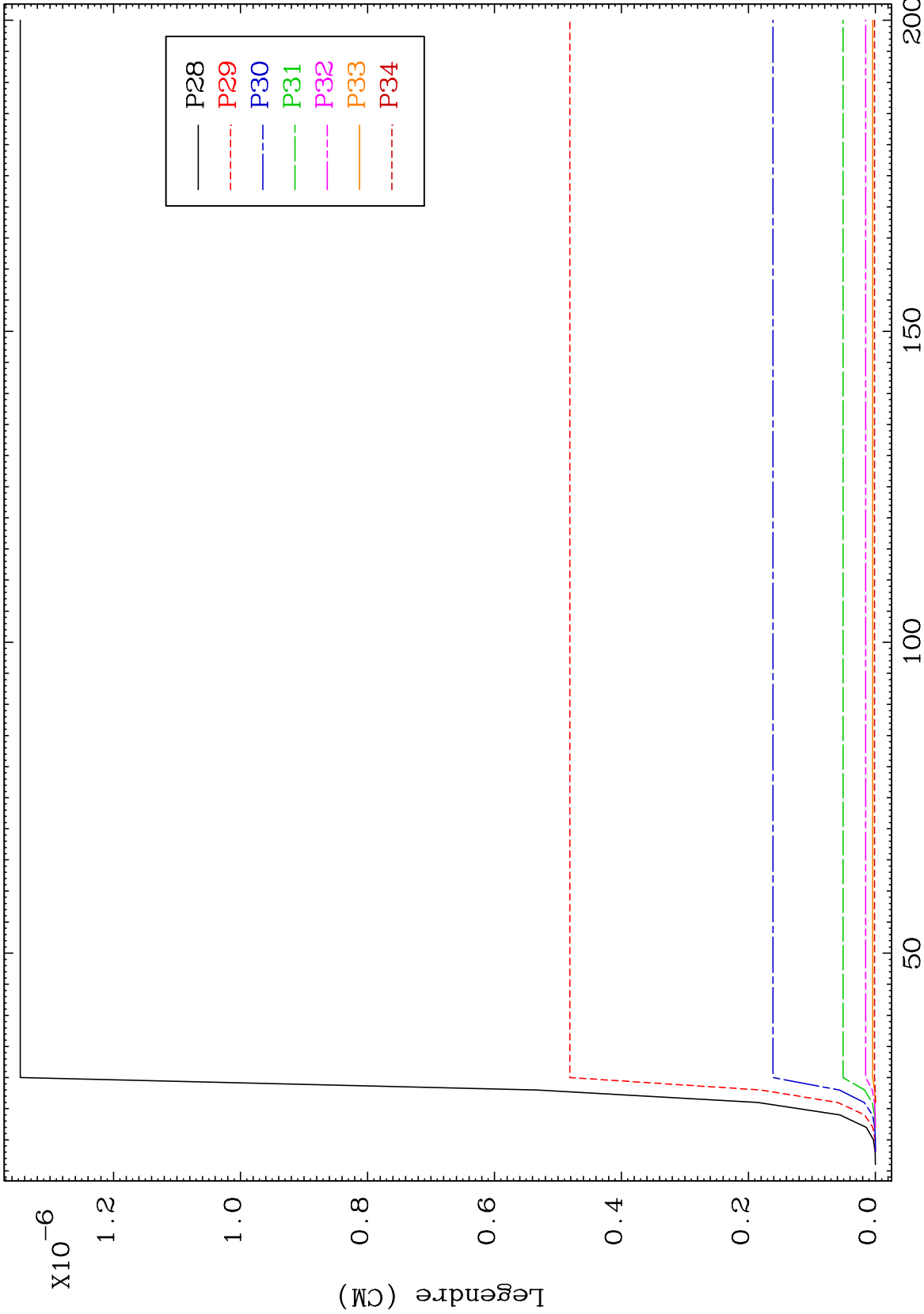
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



57

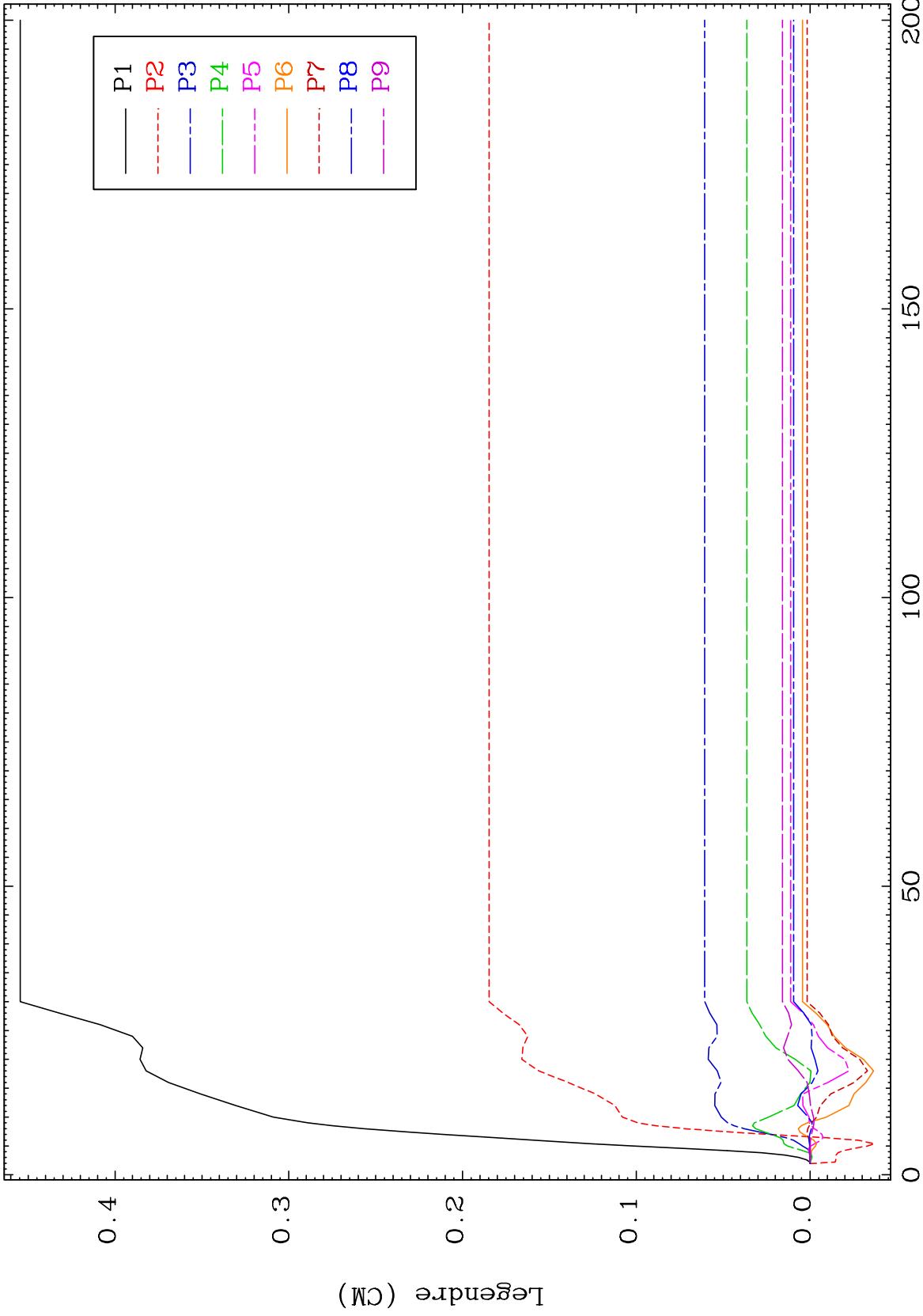
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



58

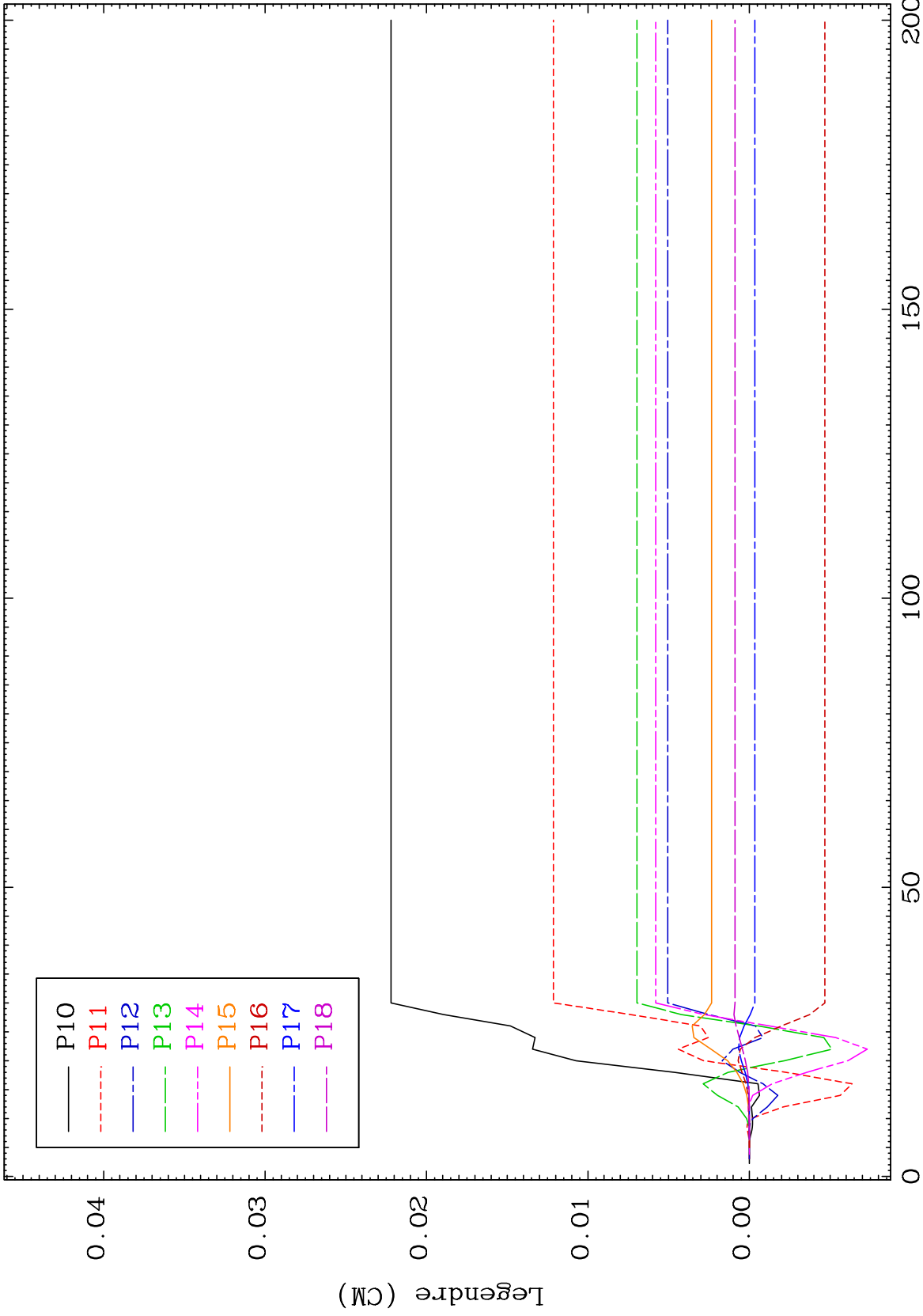
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



59

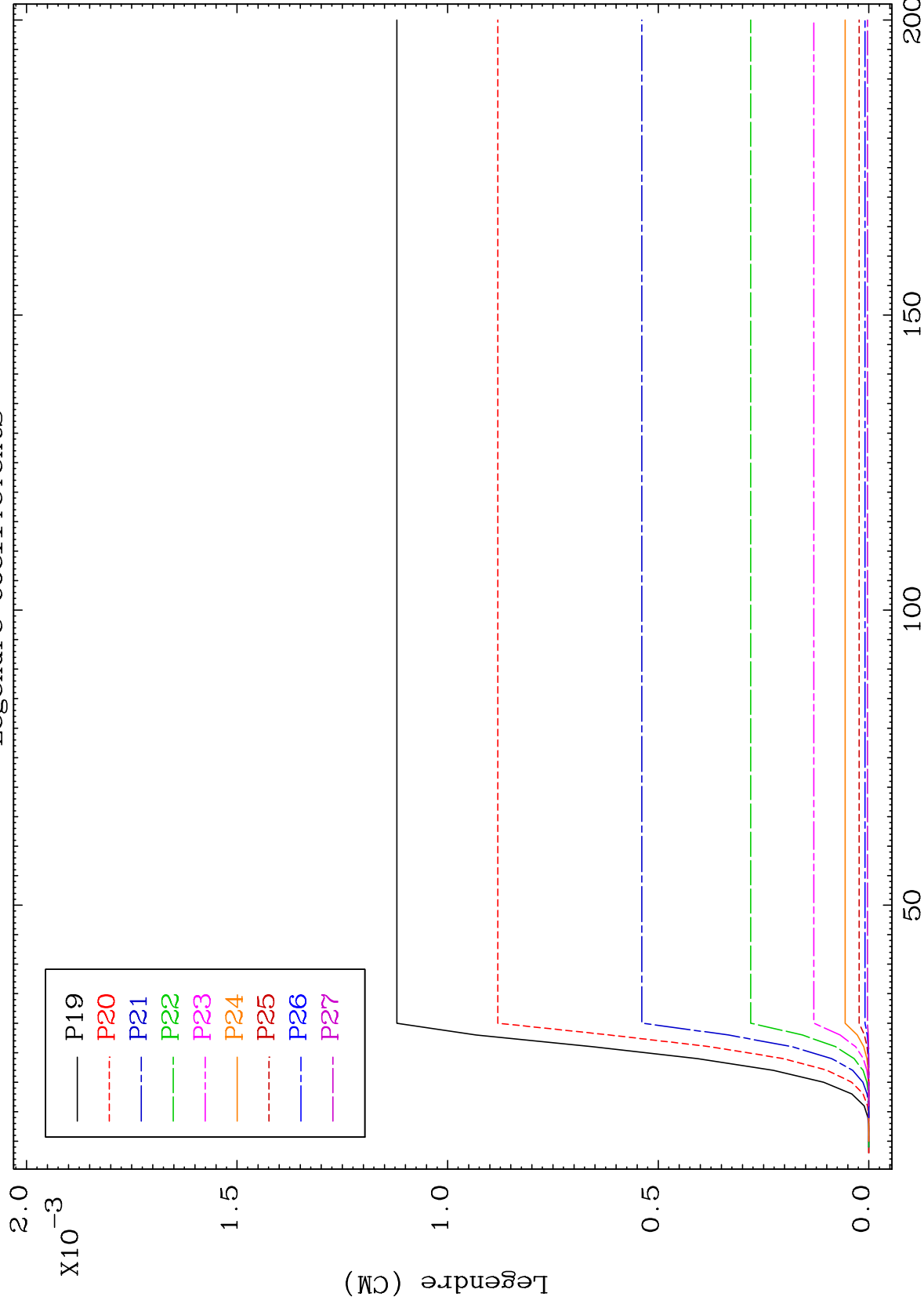
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



60

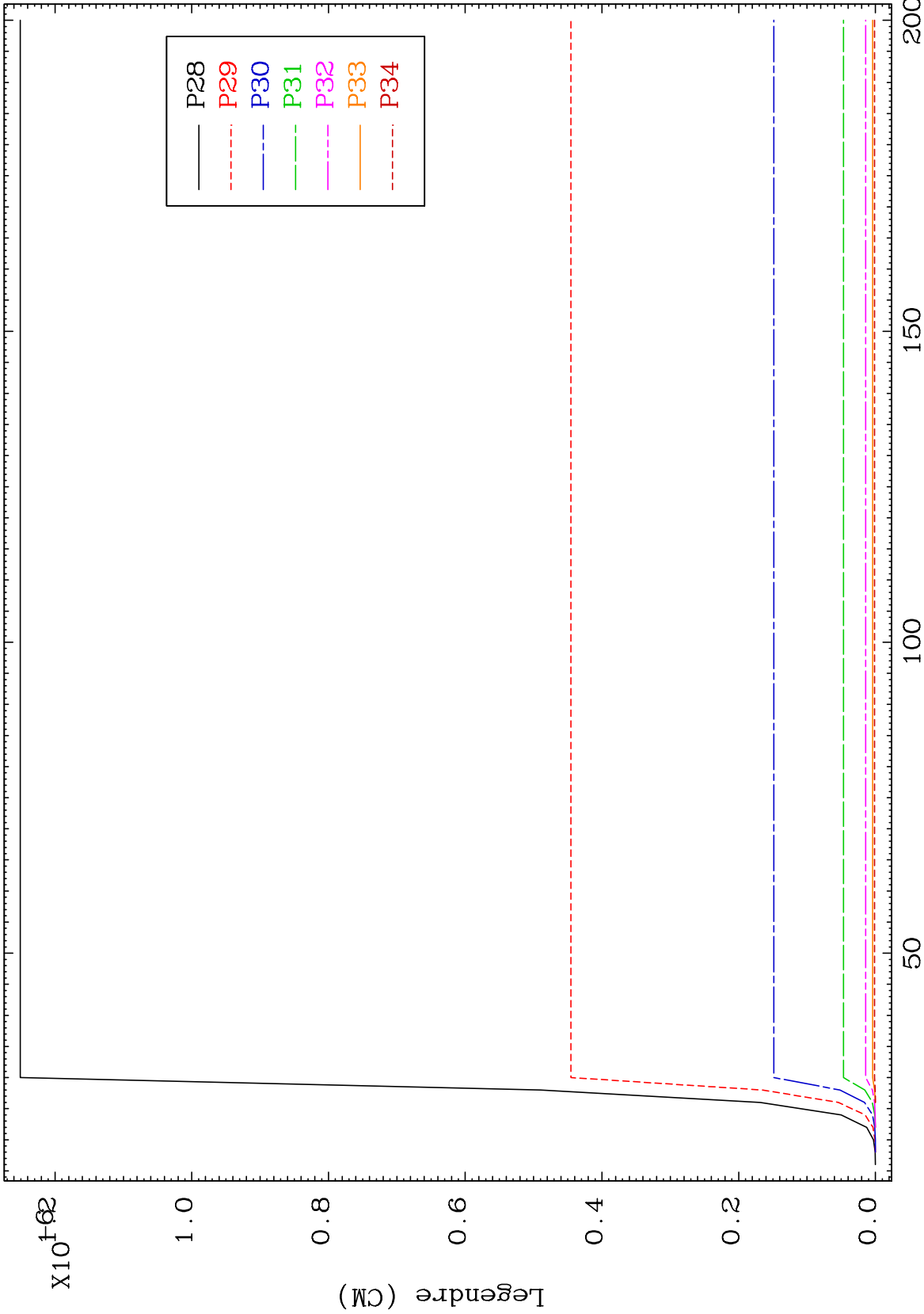
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



61

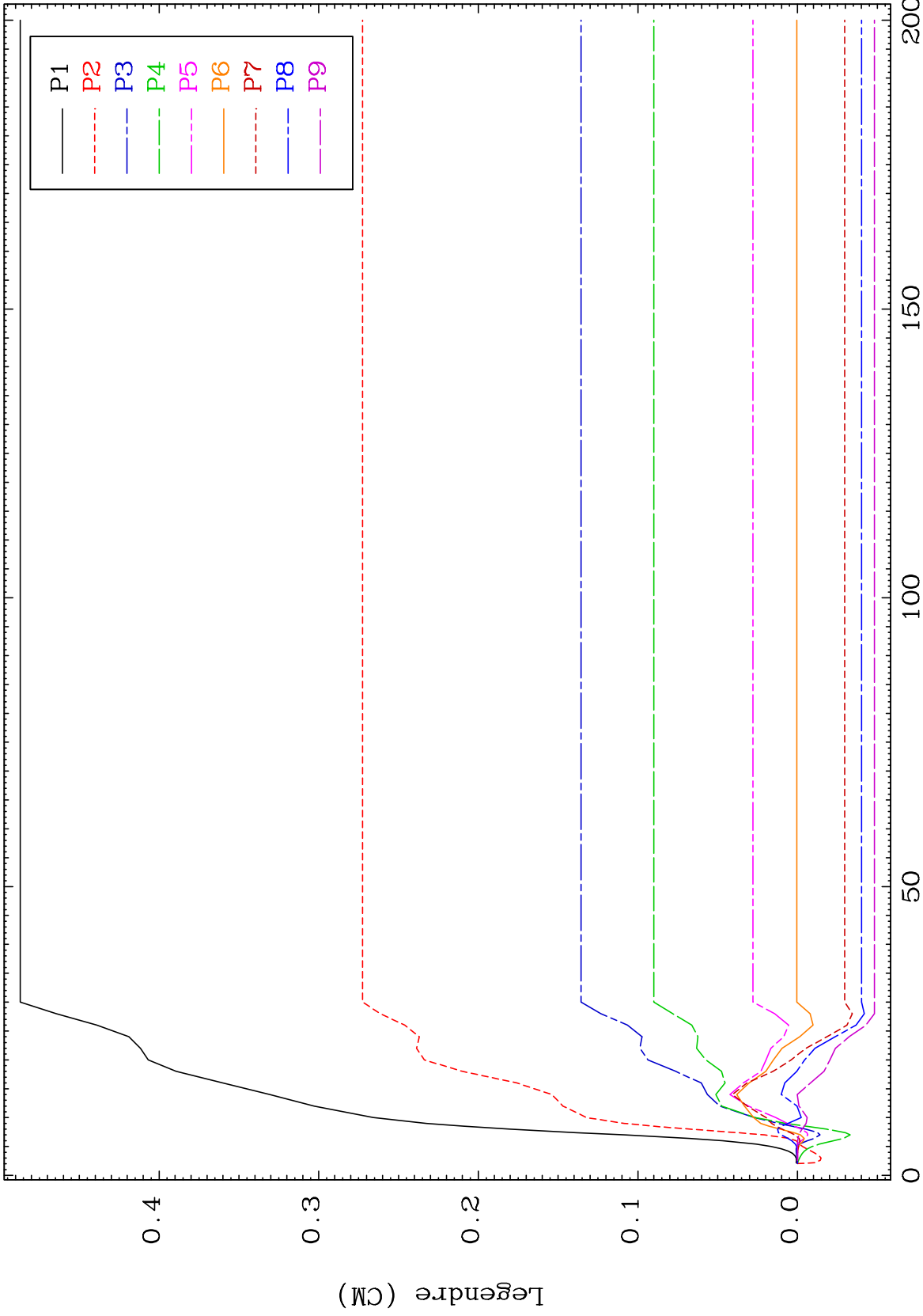
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



62

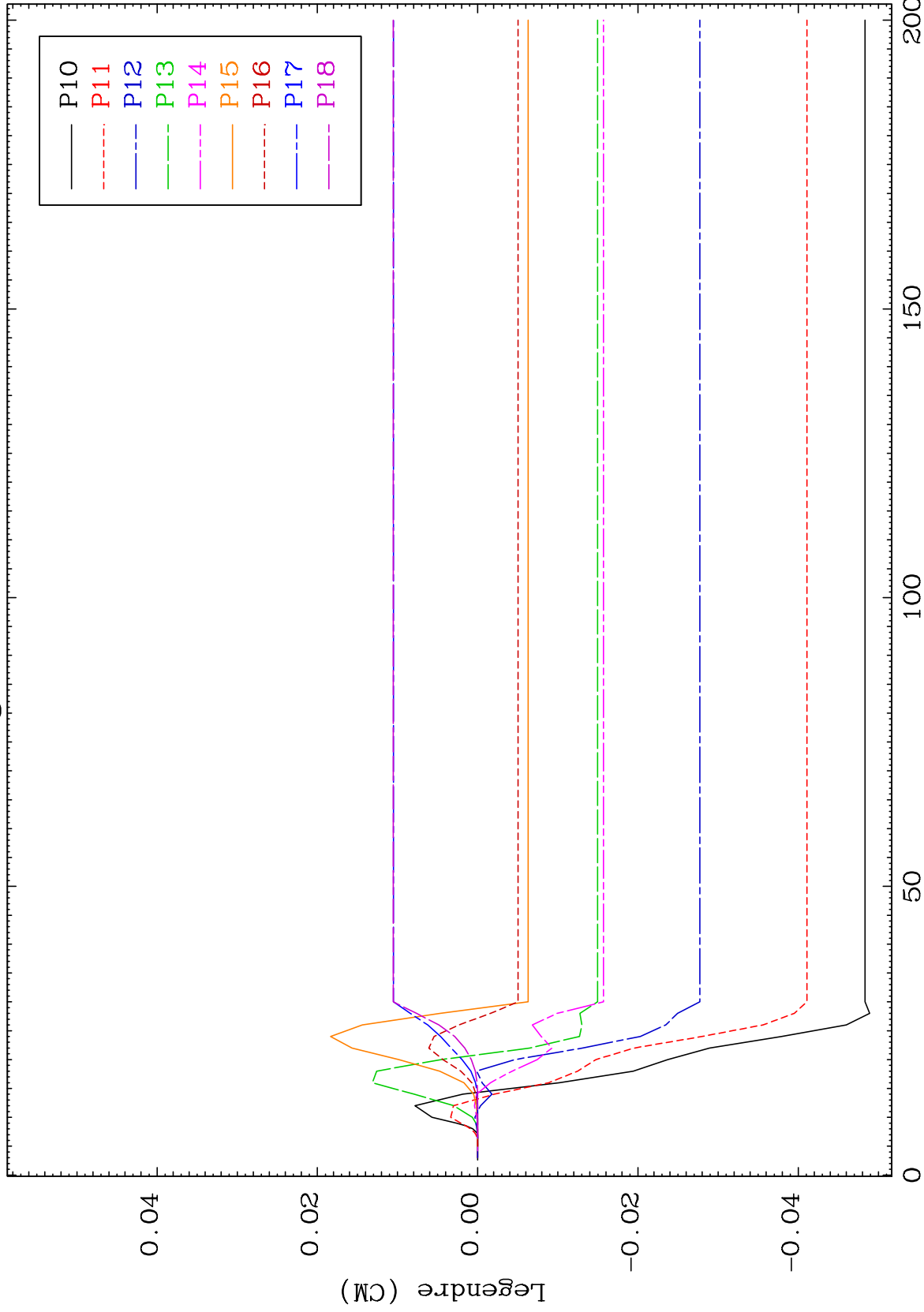
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



63

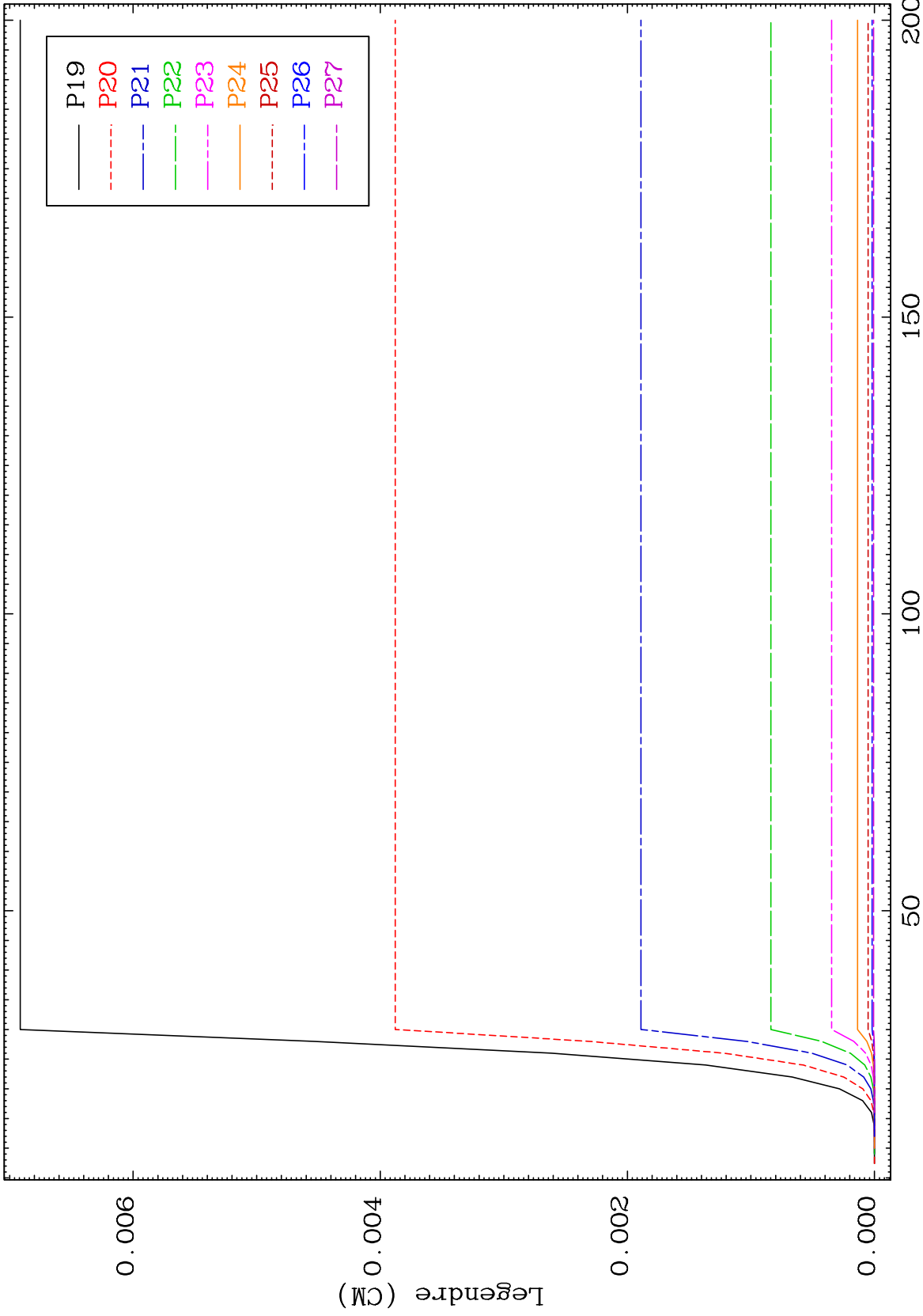
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



64

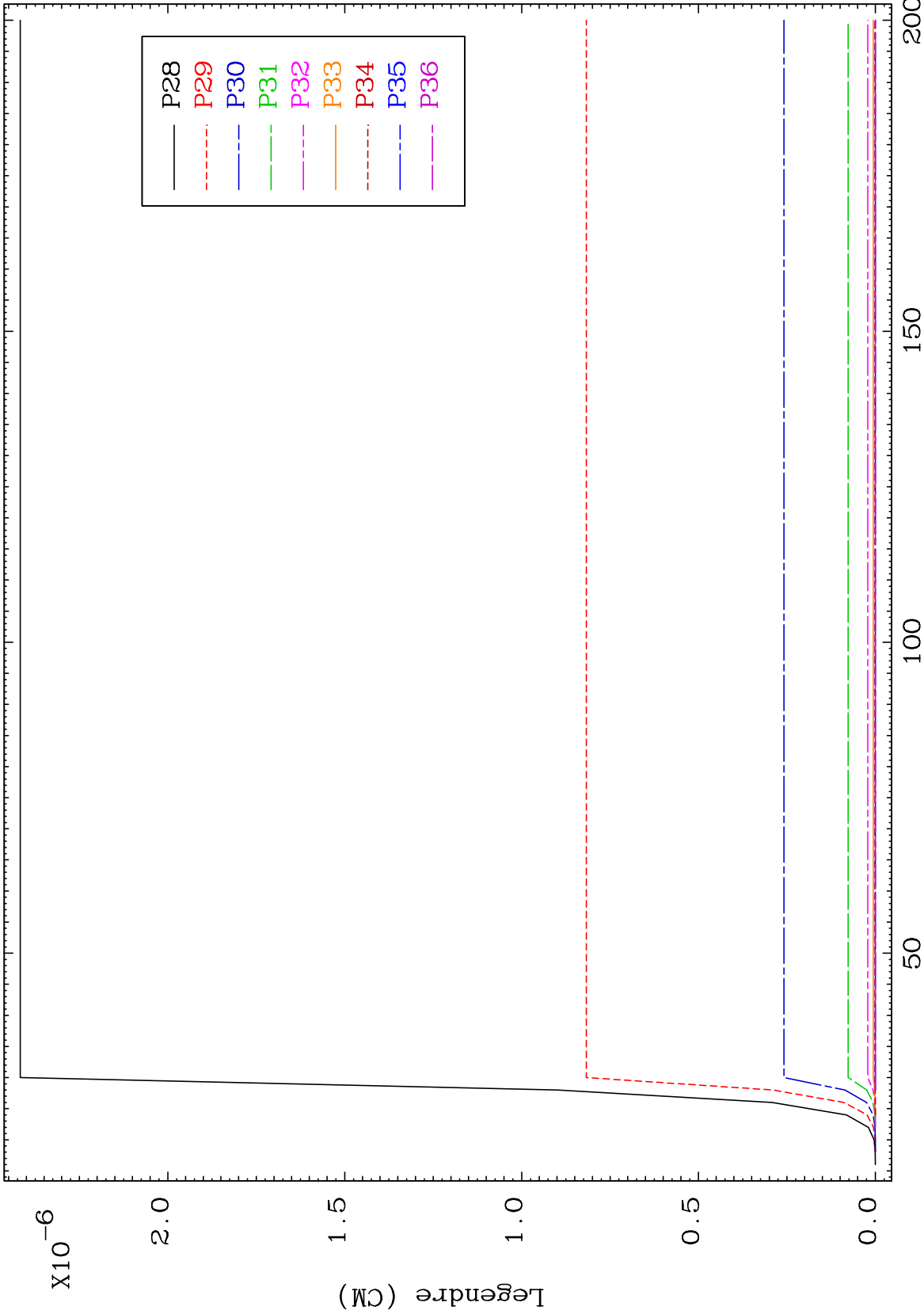
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



65

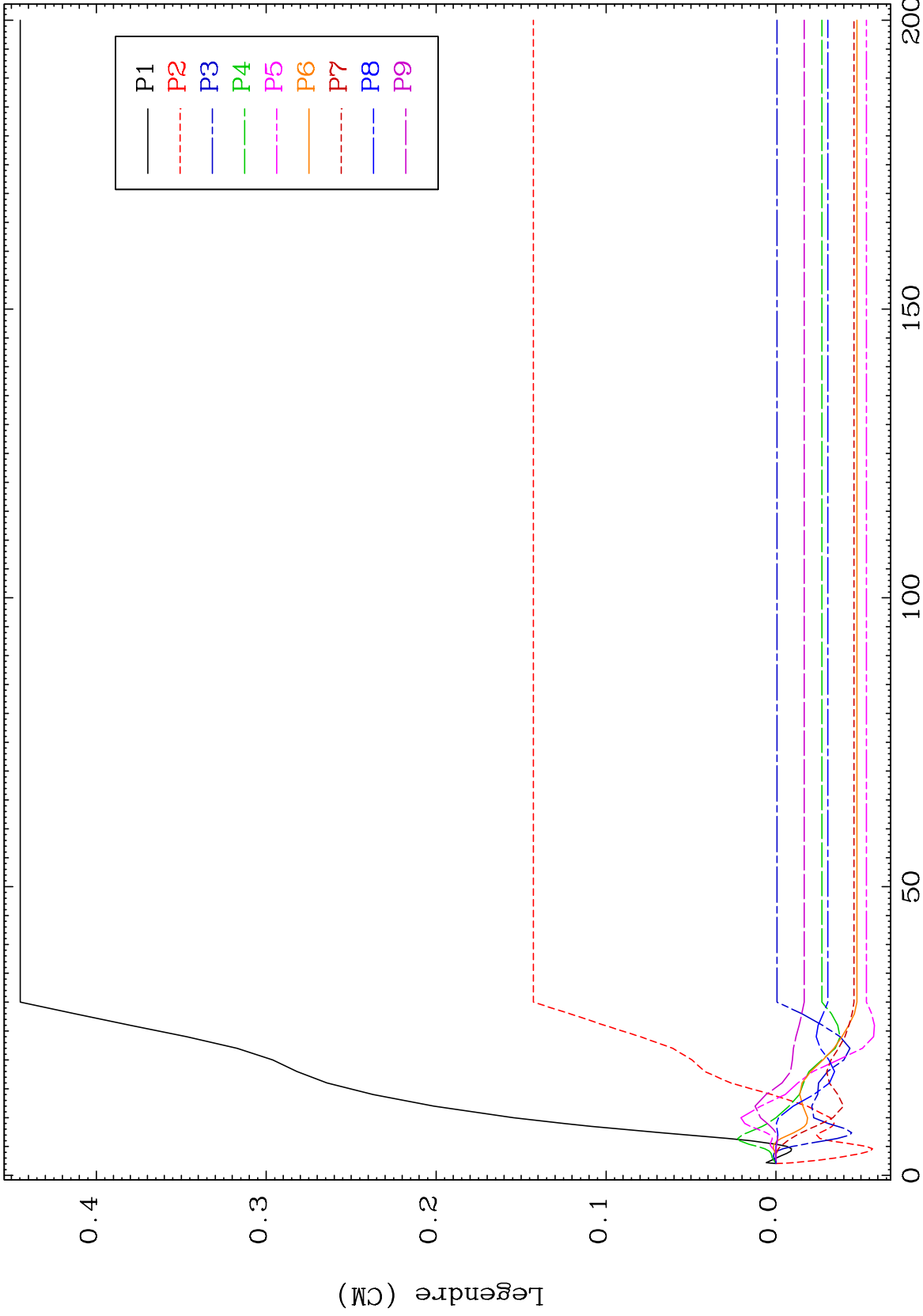
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



66

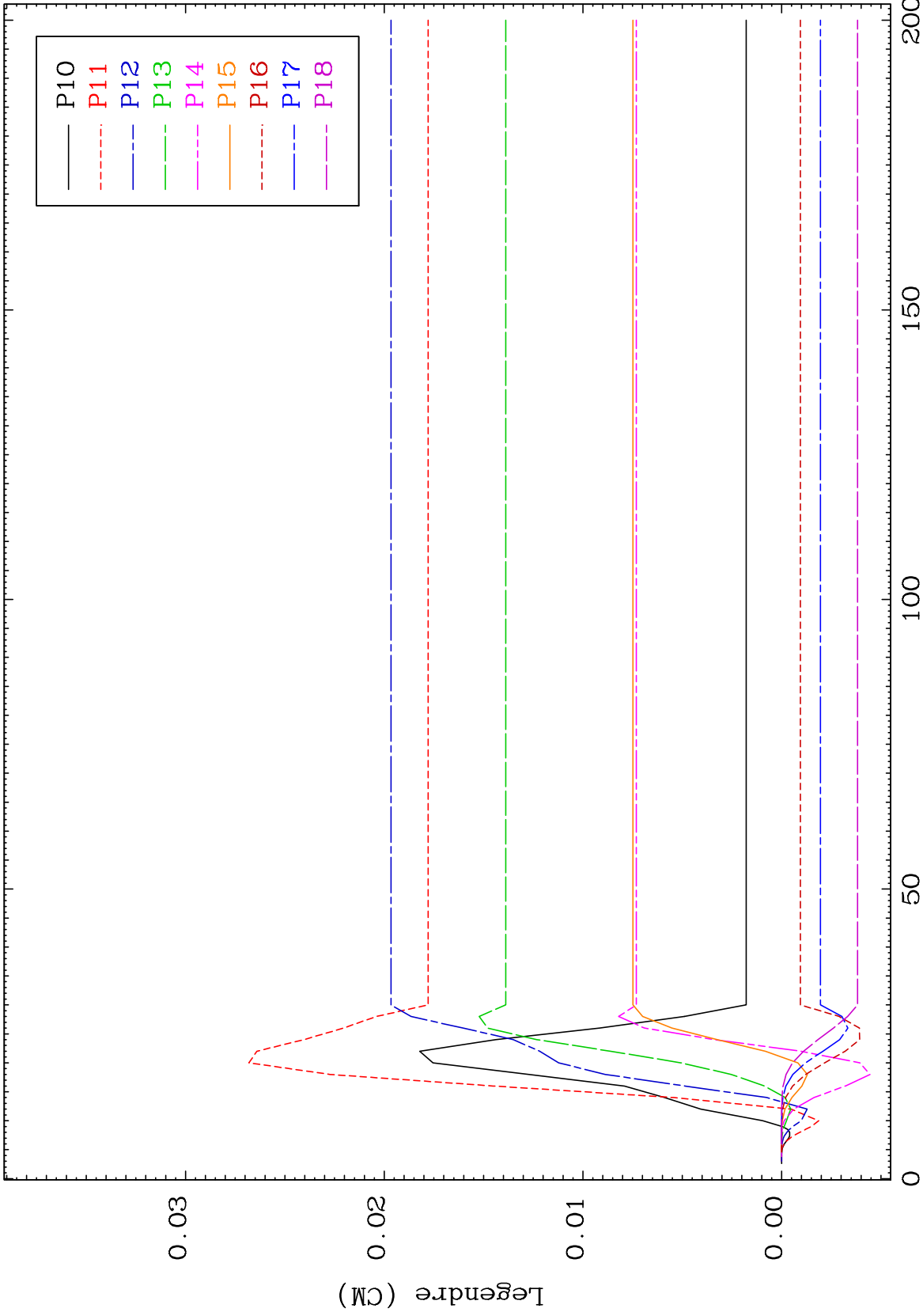
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



67

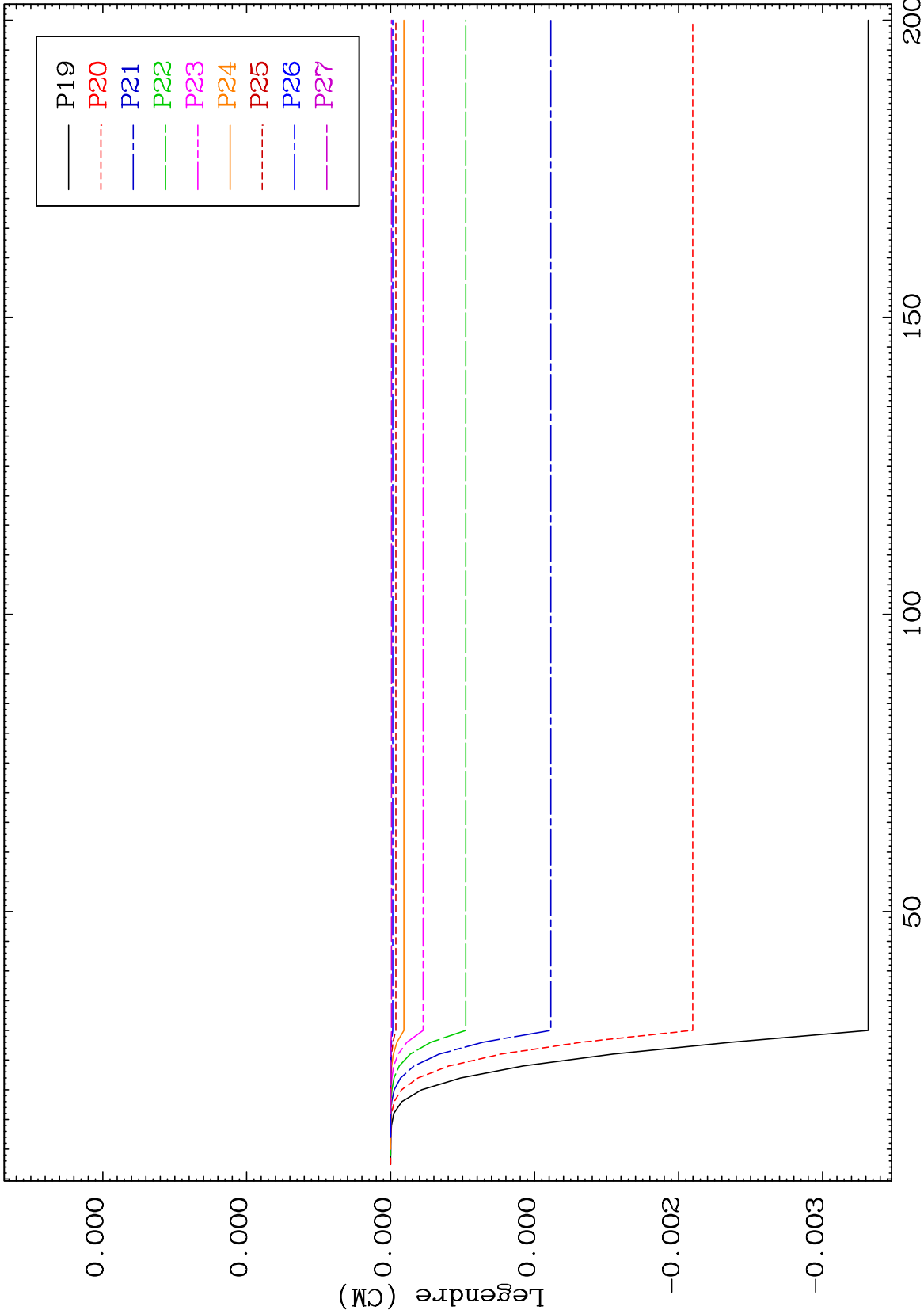
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



68

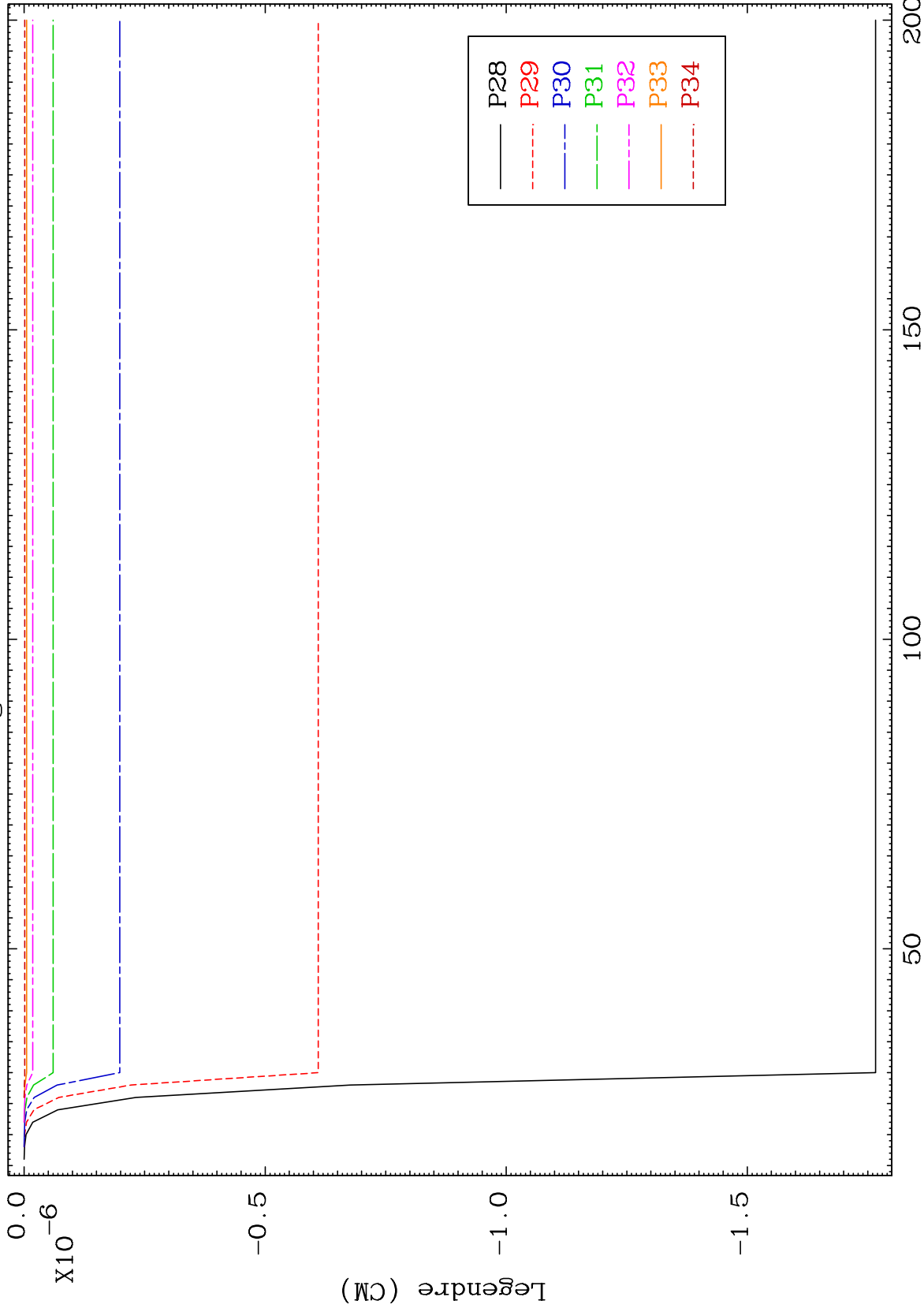
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



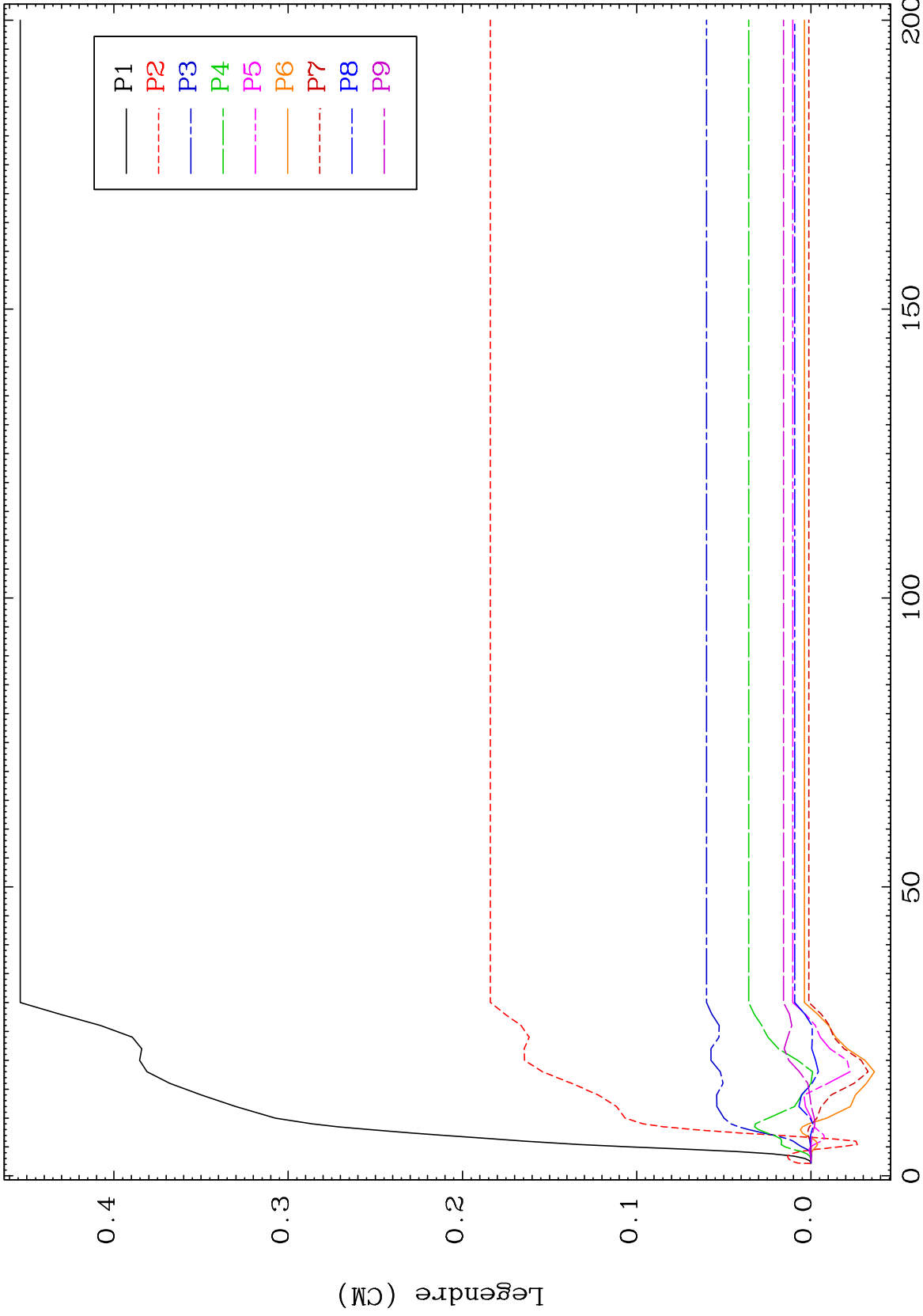
69

49-In-123

MAT 4955

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

49-In-123



70

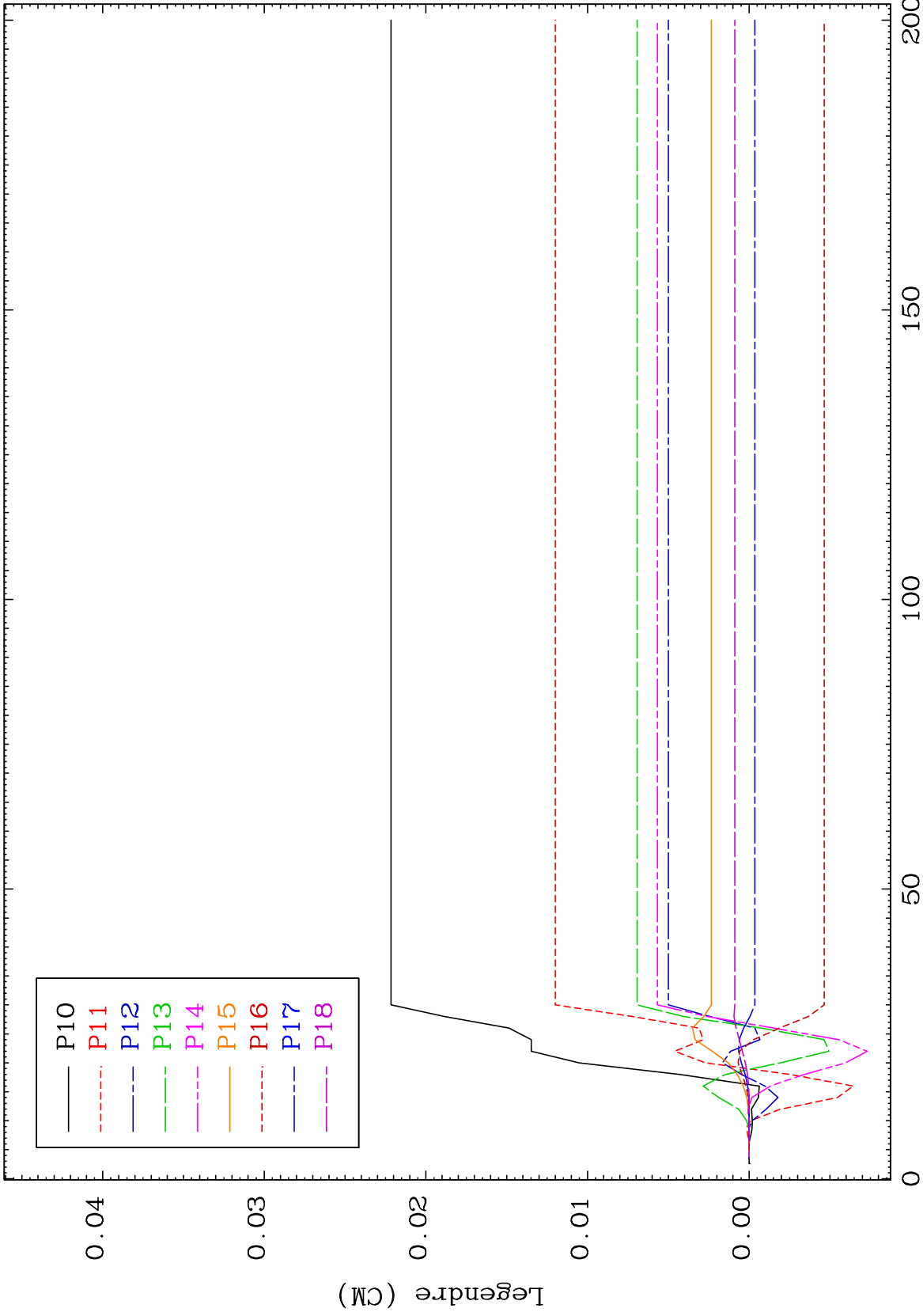
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



71

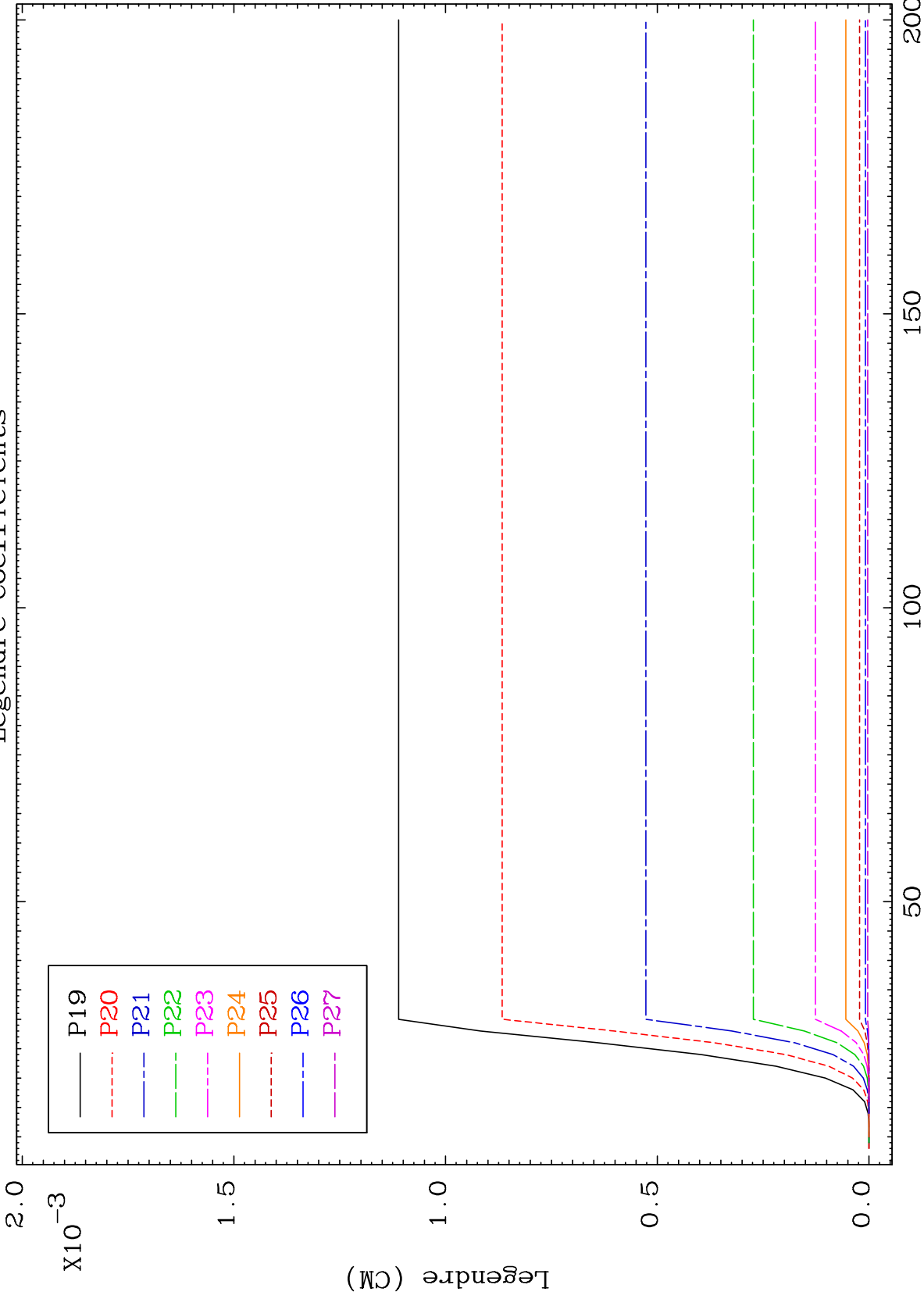
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



72

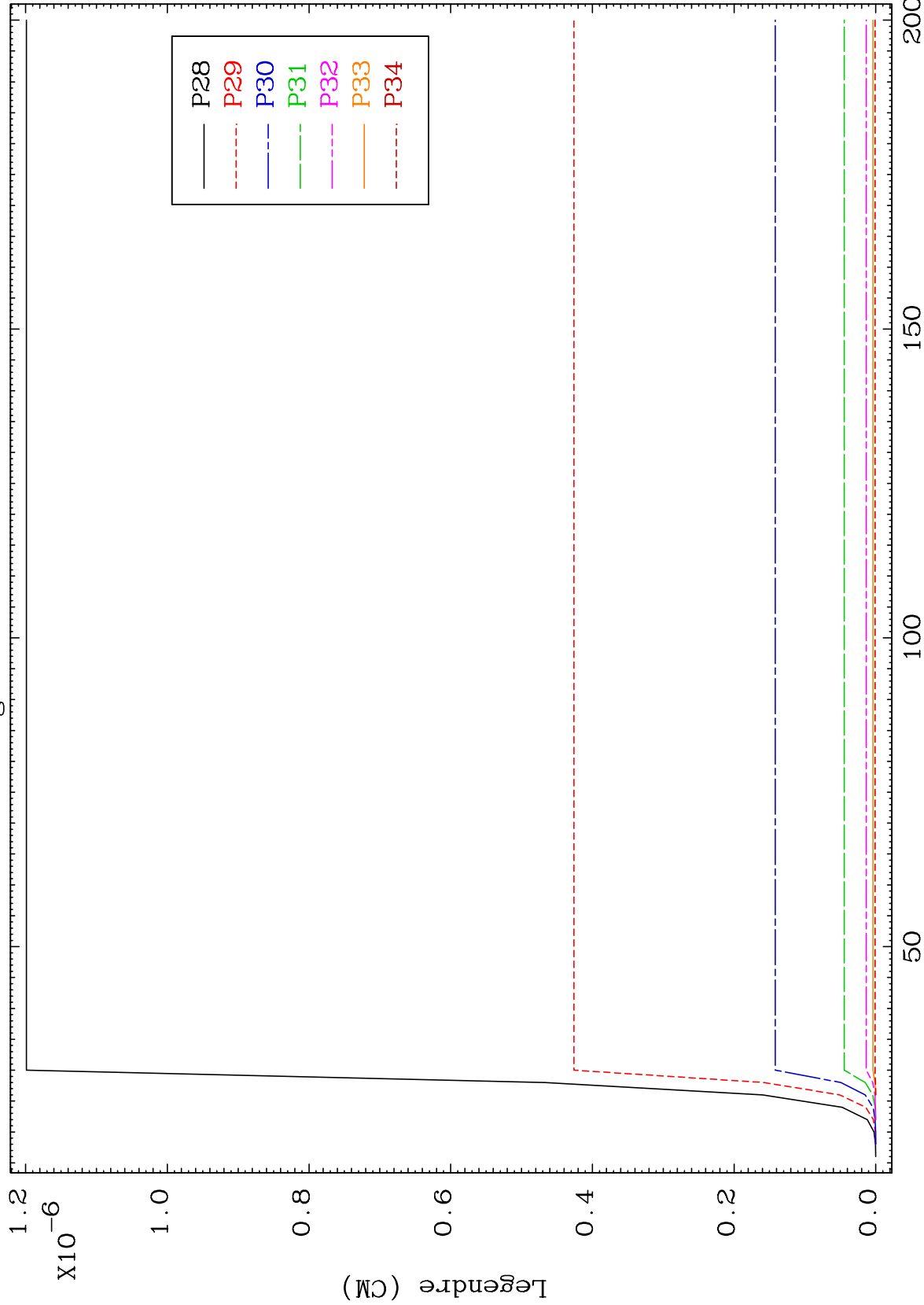
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



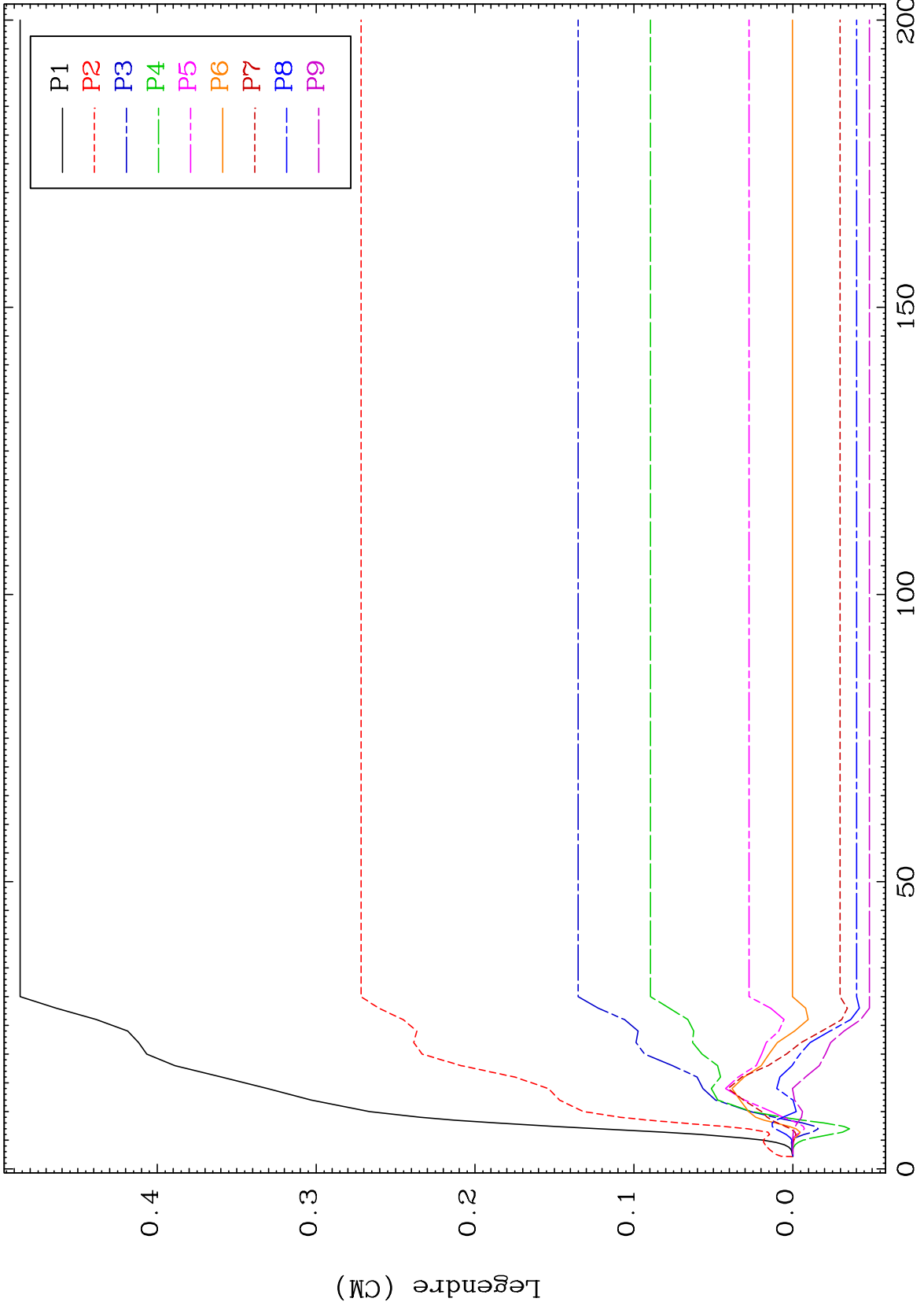
73

49-In-123

MAT 4955

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

49-In-123



74

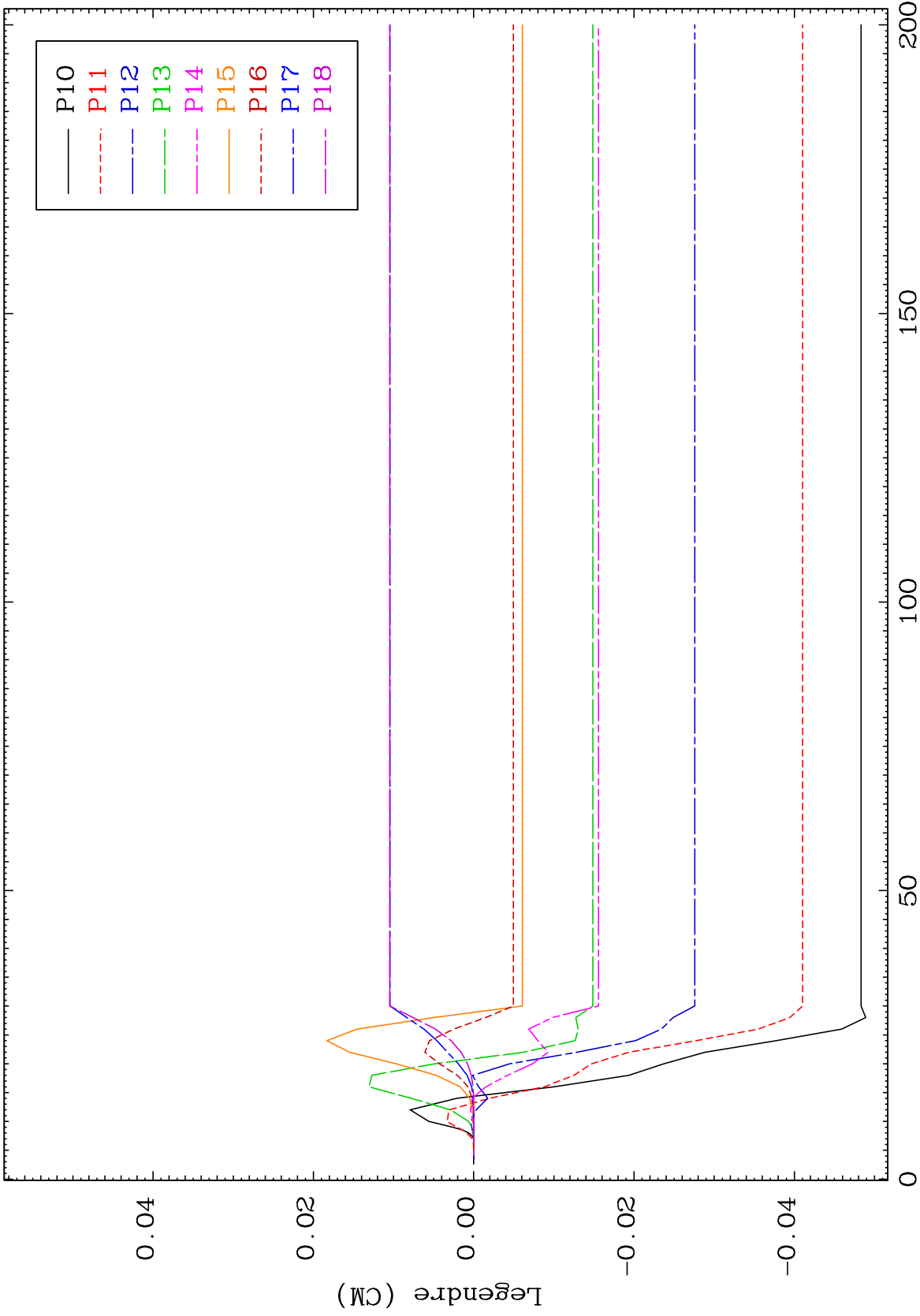
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



75

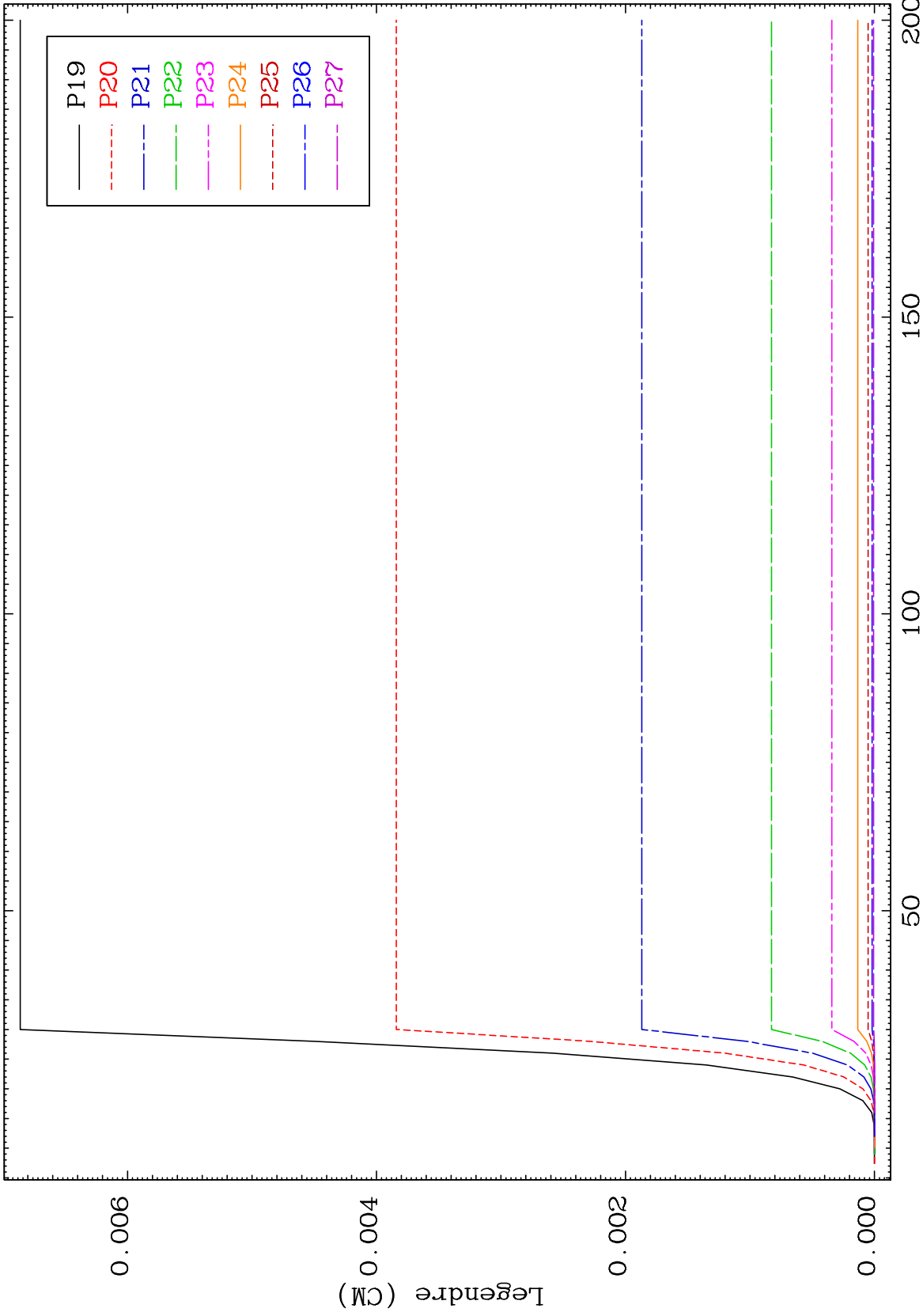
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



76

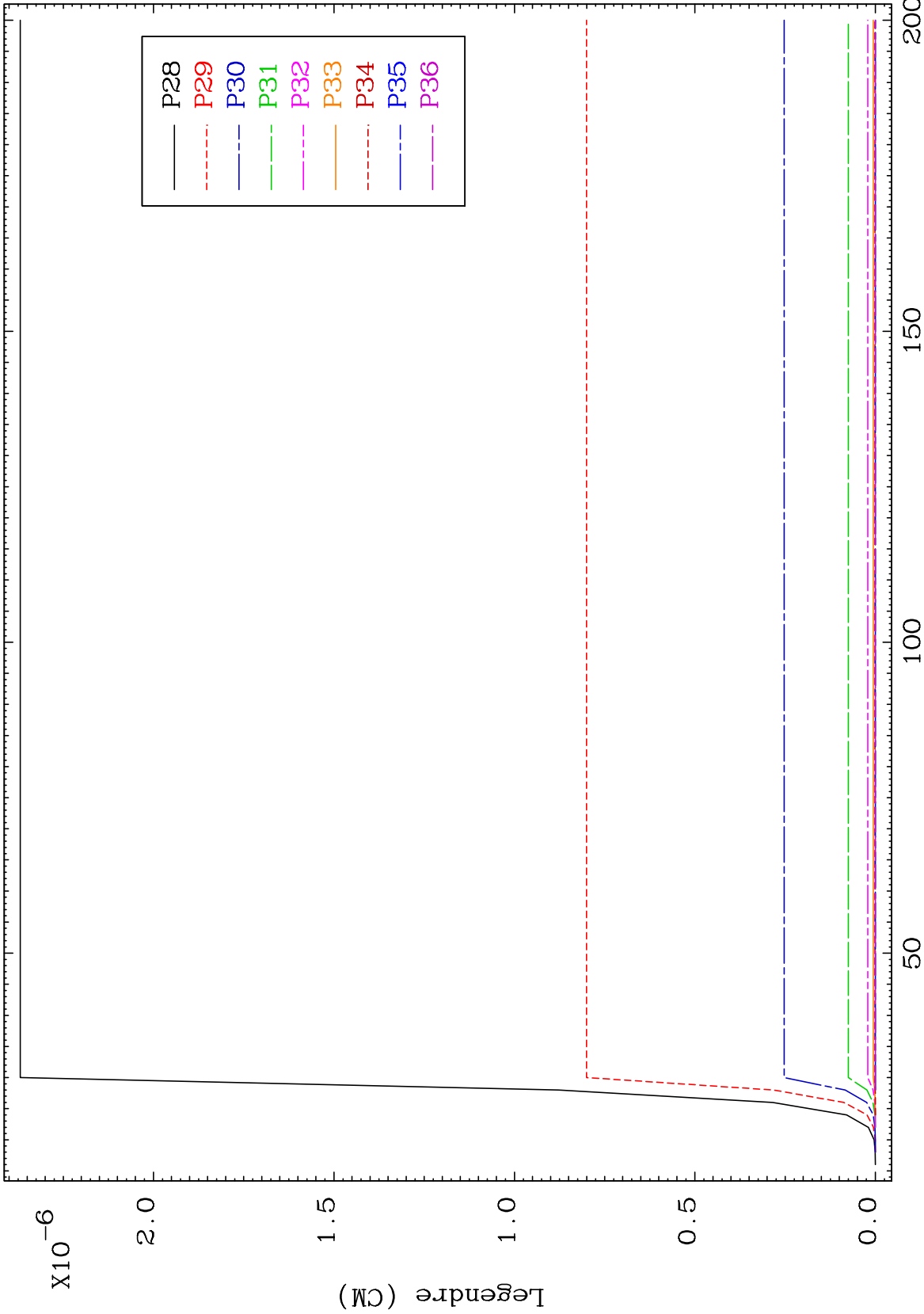
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



77

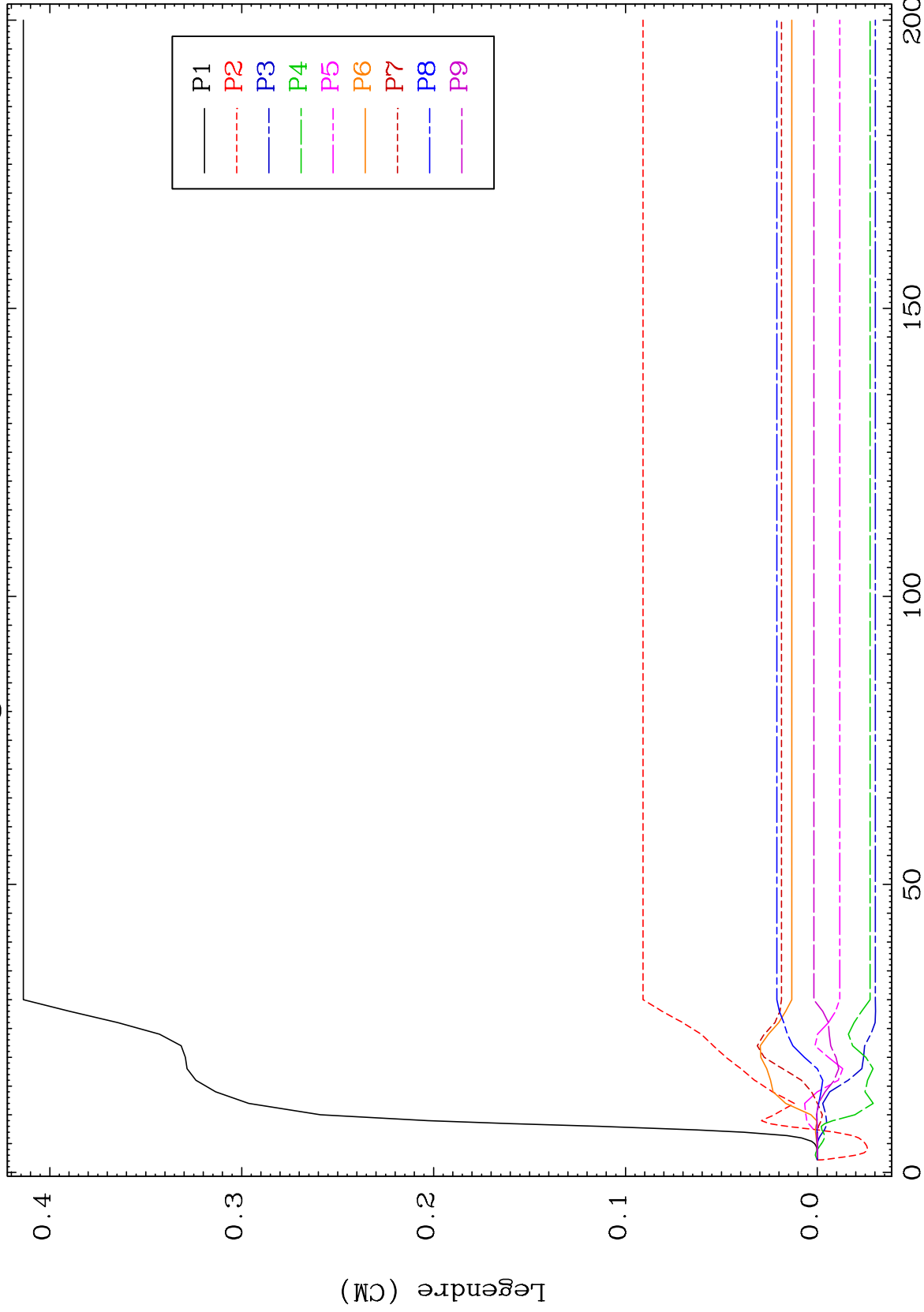
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



78

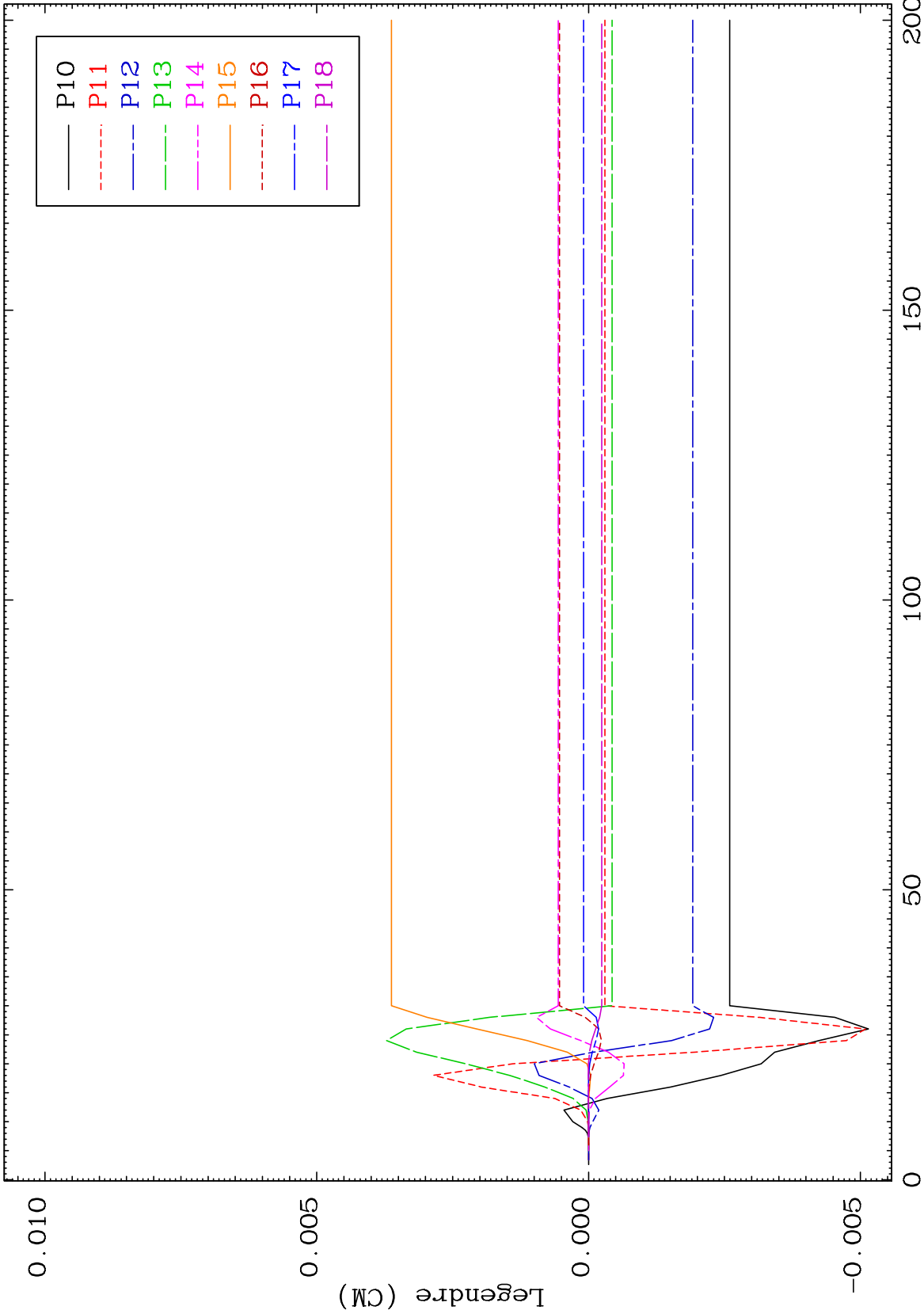
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



79

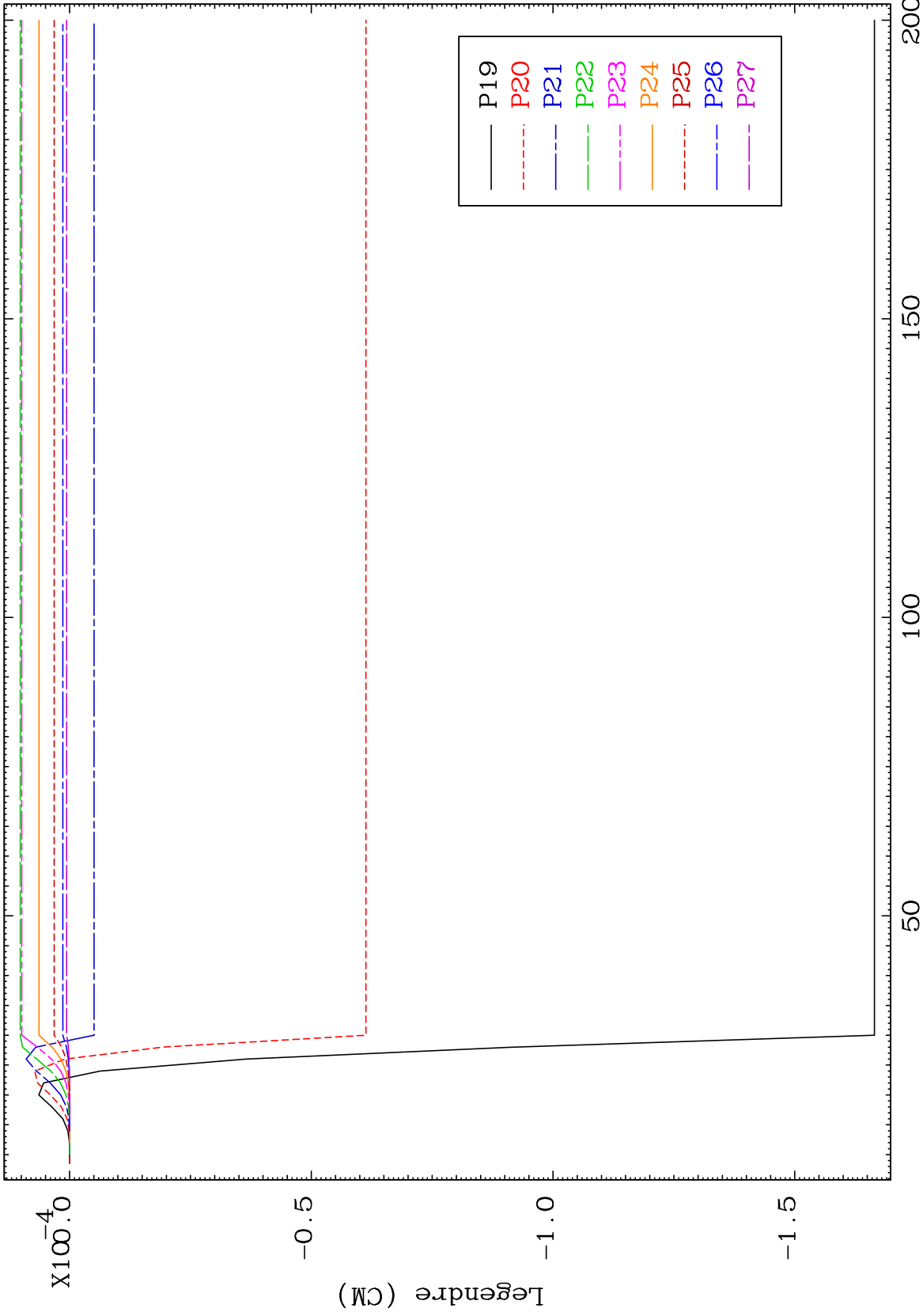
Incident Energy (MeV)

49-In-123

MAT 4955

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

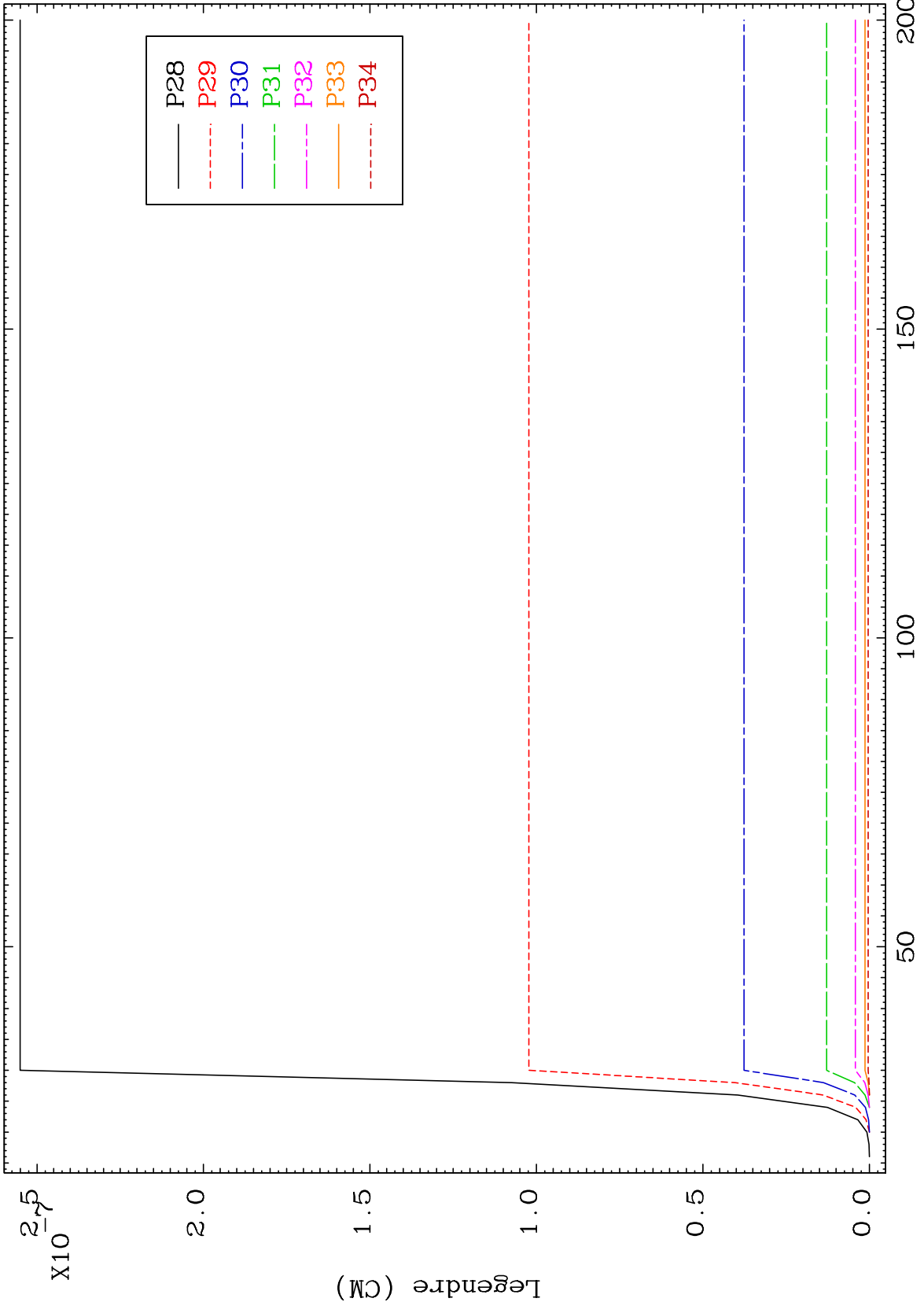
49-In-123



80

Incident Energy (MeV)

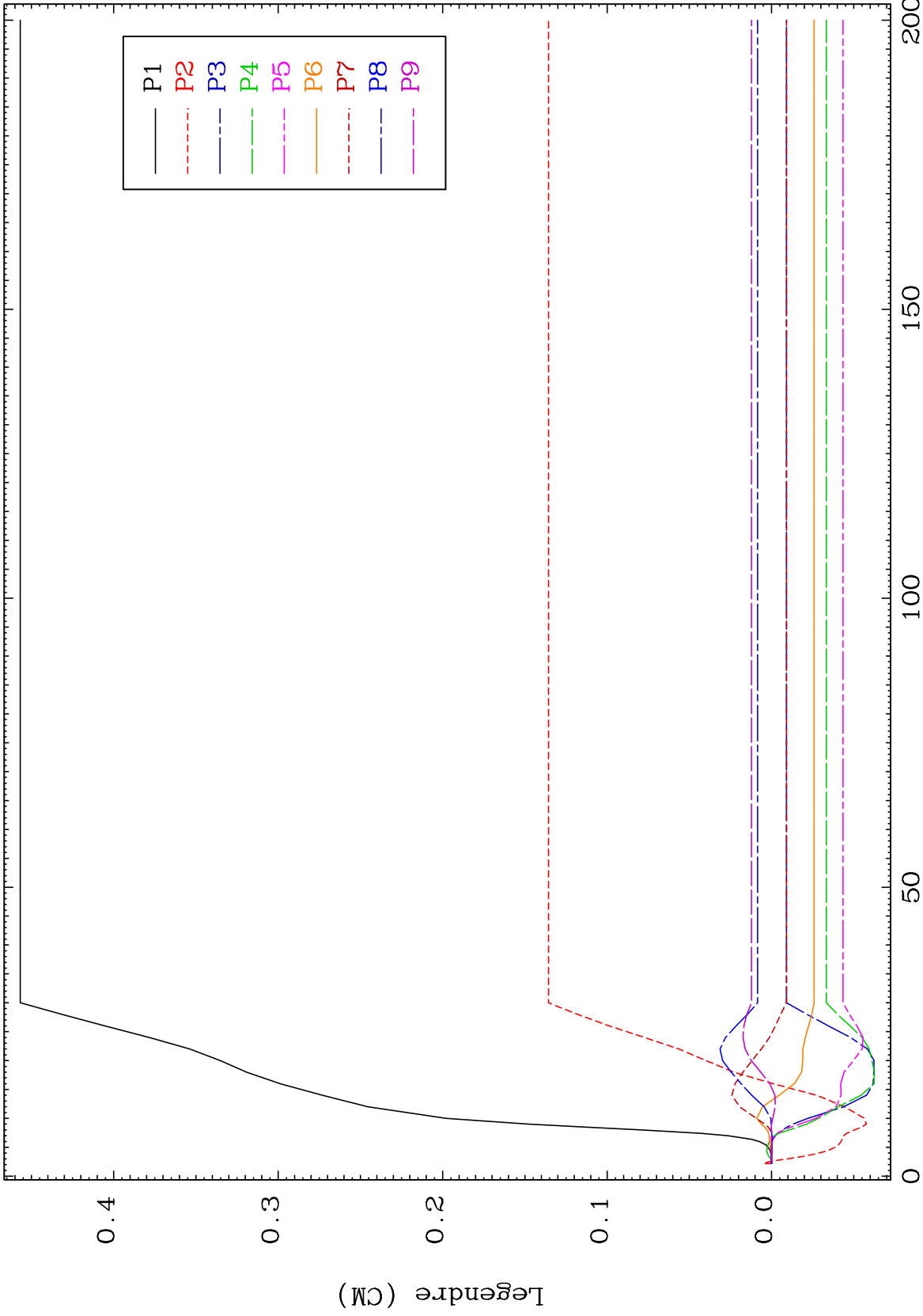
49-In-123



MAT 4955

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

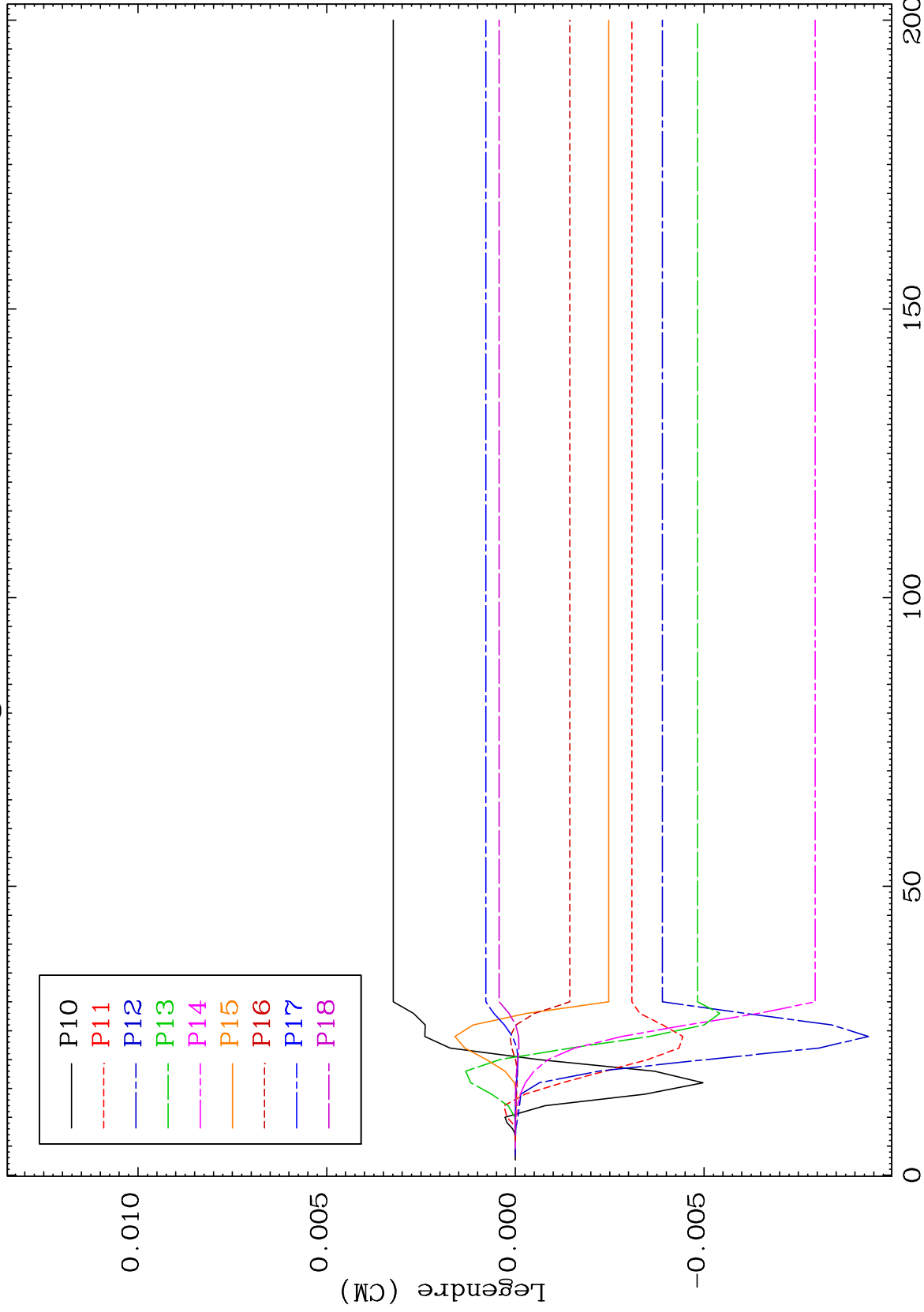
49-In-123

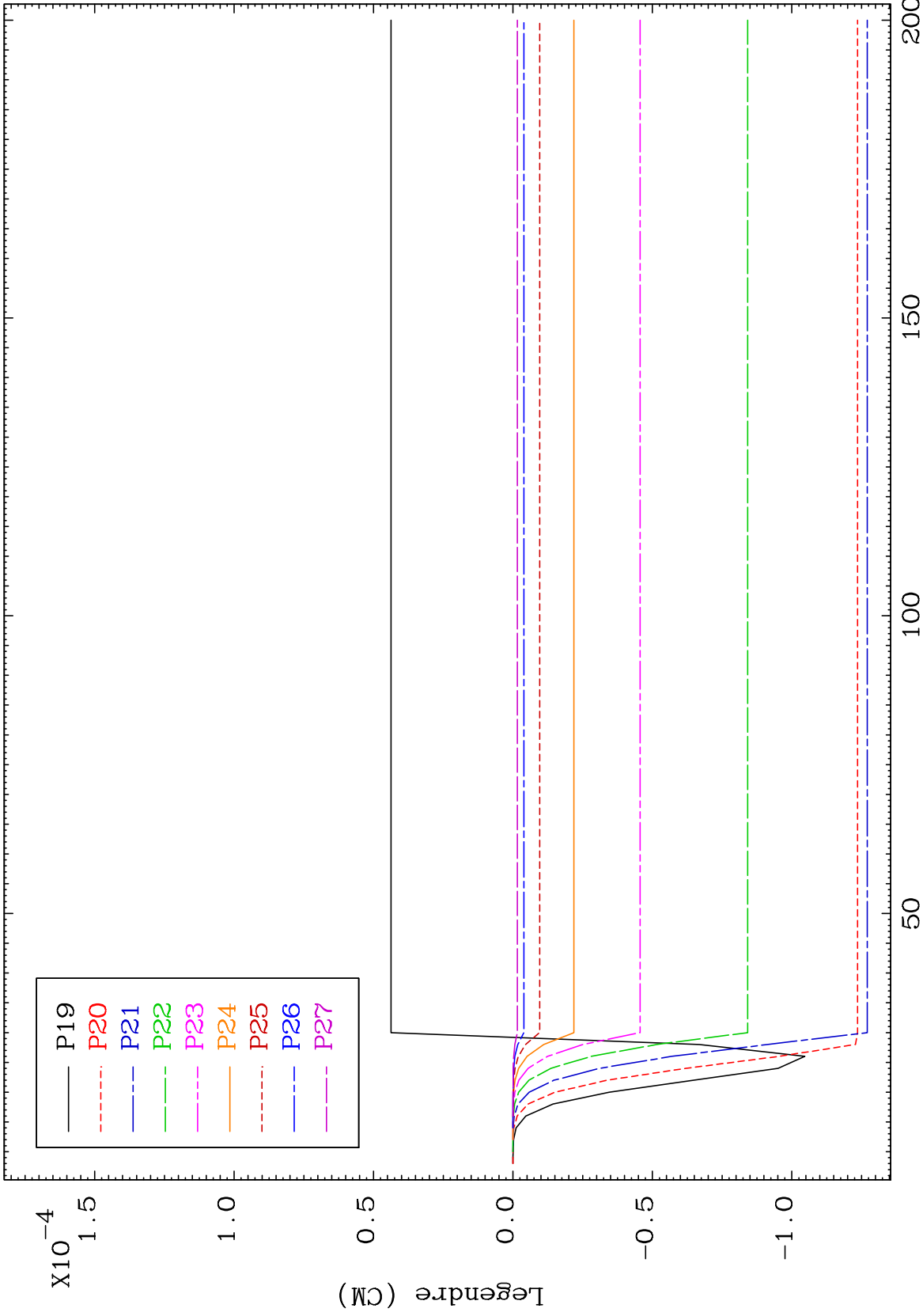


82

Incident Energy (MeV)

49-In-123

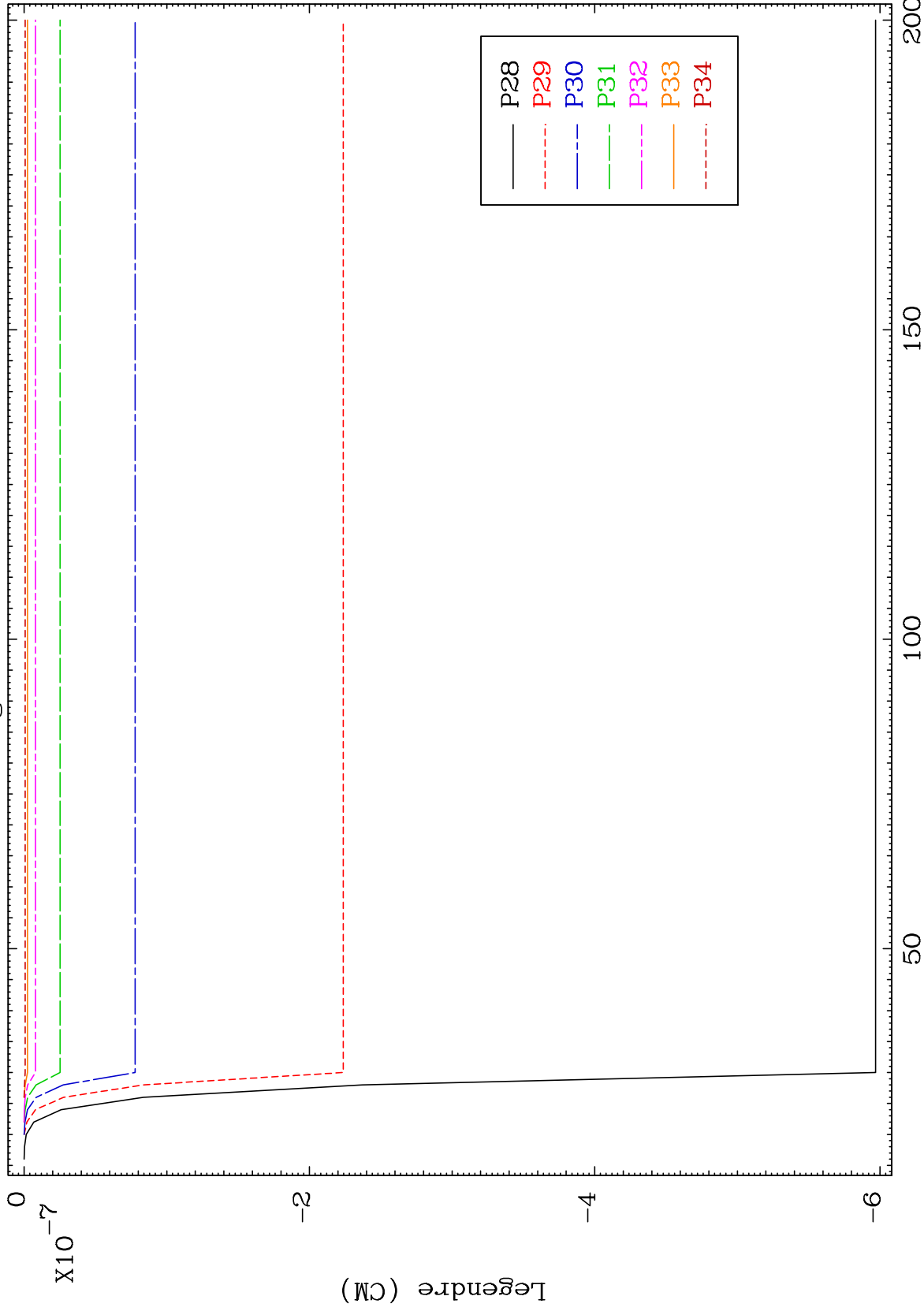




MAT 4955

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

49-In-123



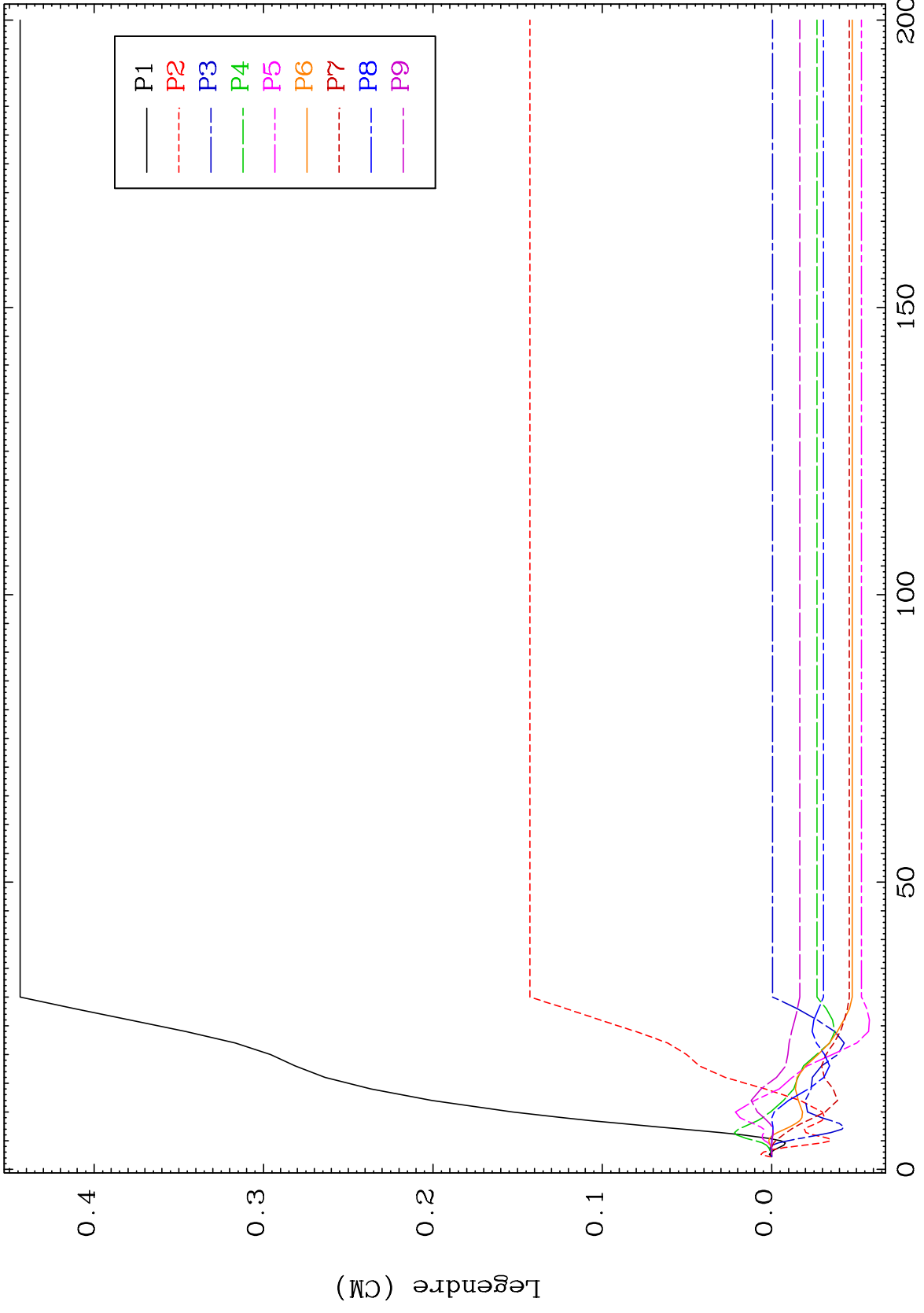
85

49-In-123

MAT 4955

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

49-In-123



86

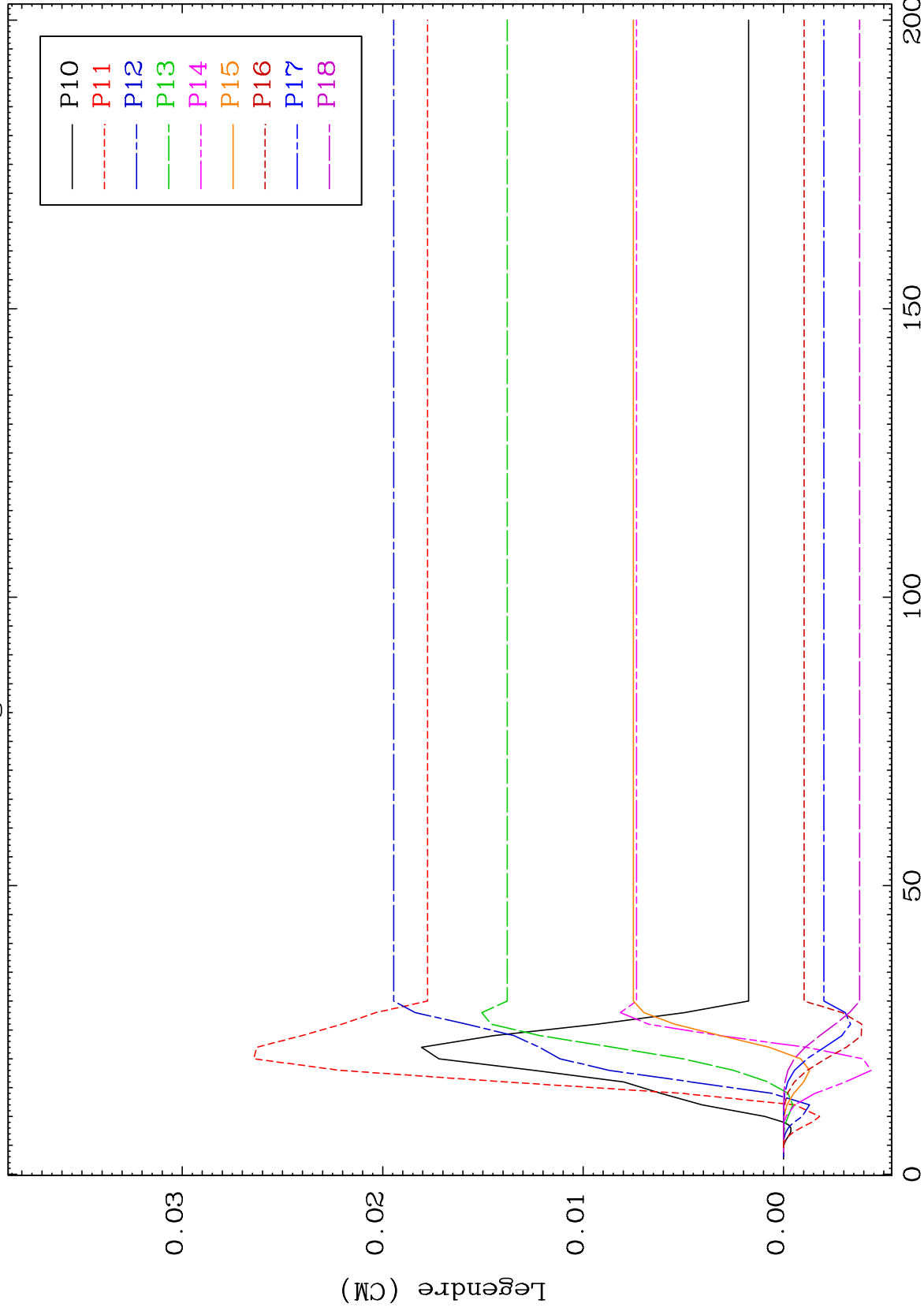
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



87

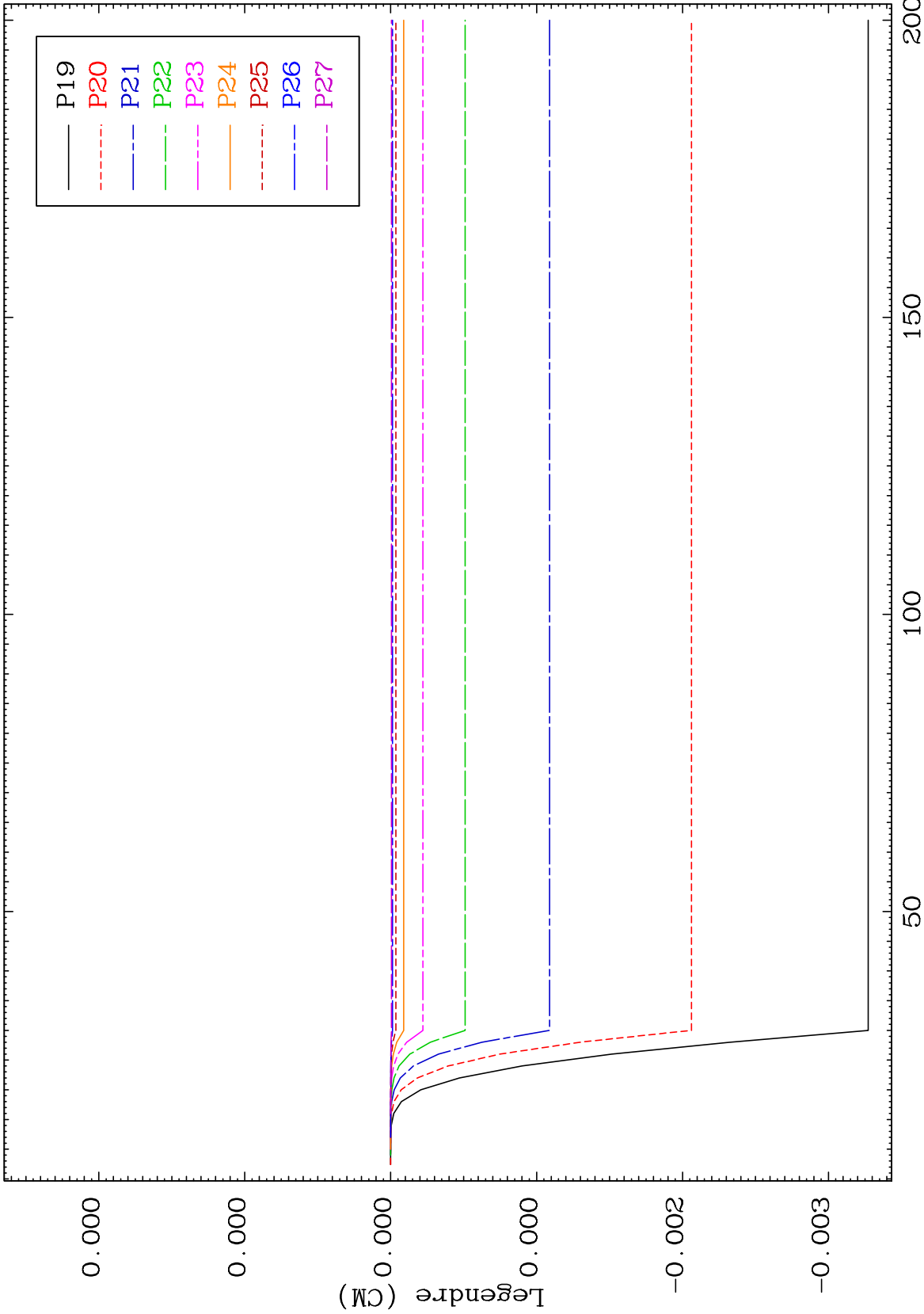
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



88

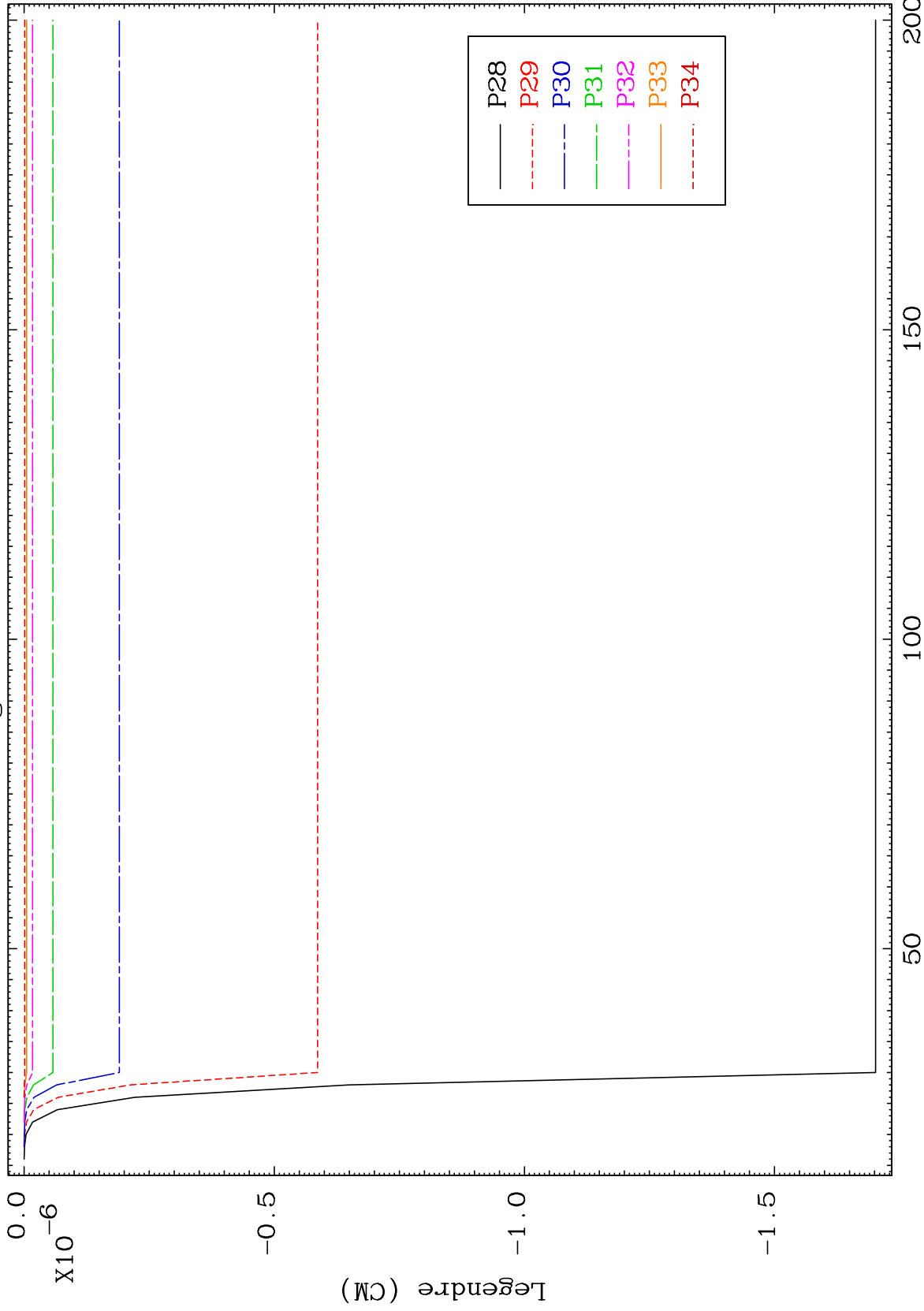
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



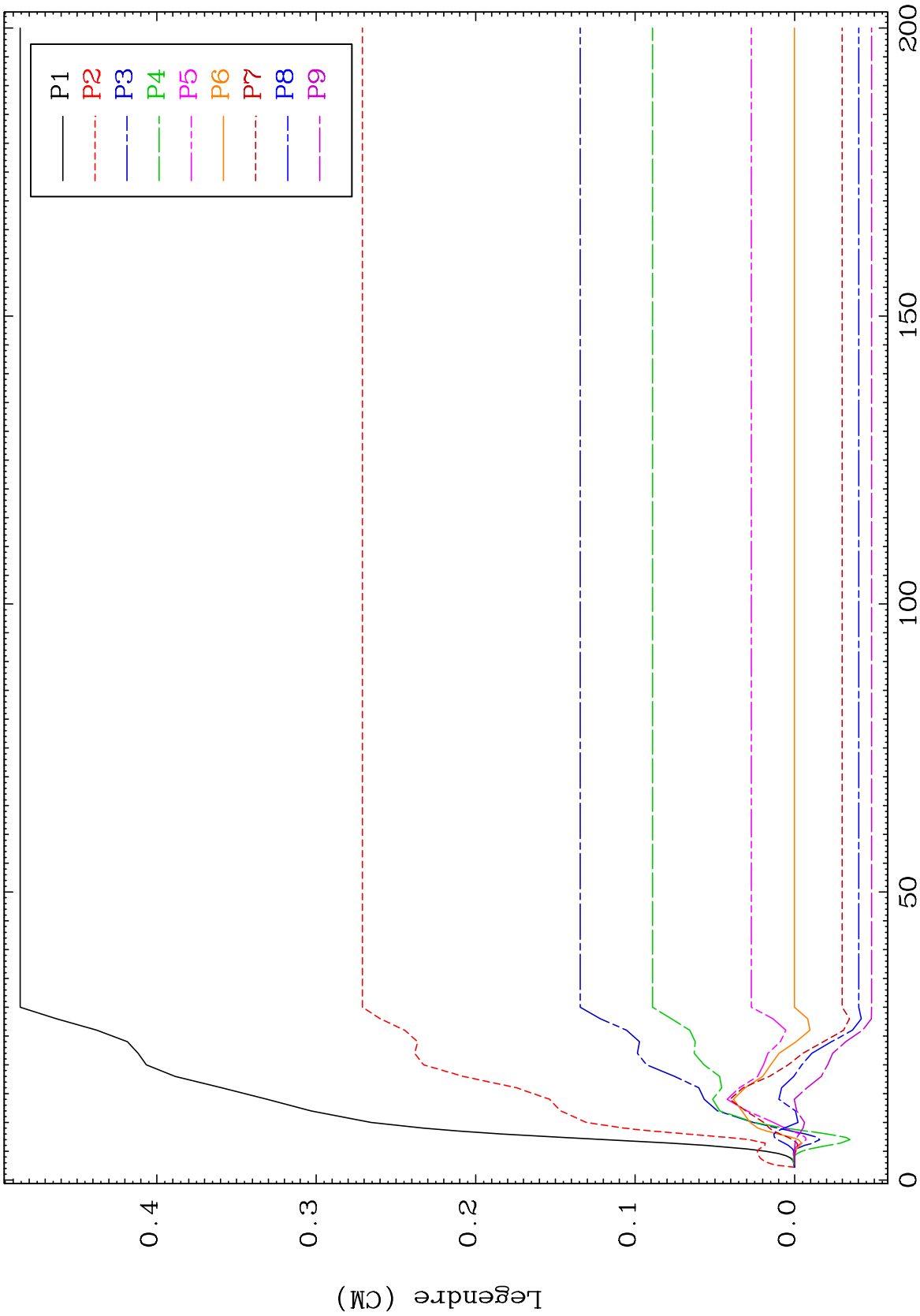
89

49-In-123

MAT 4955

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

49-In-123



90

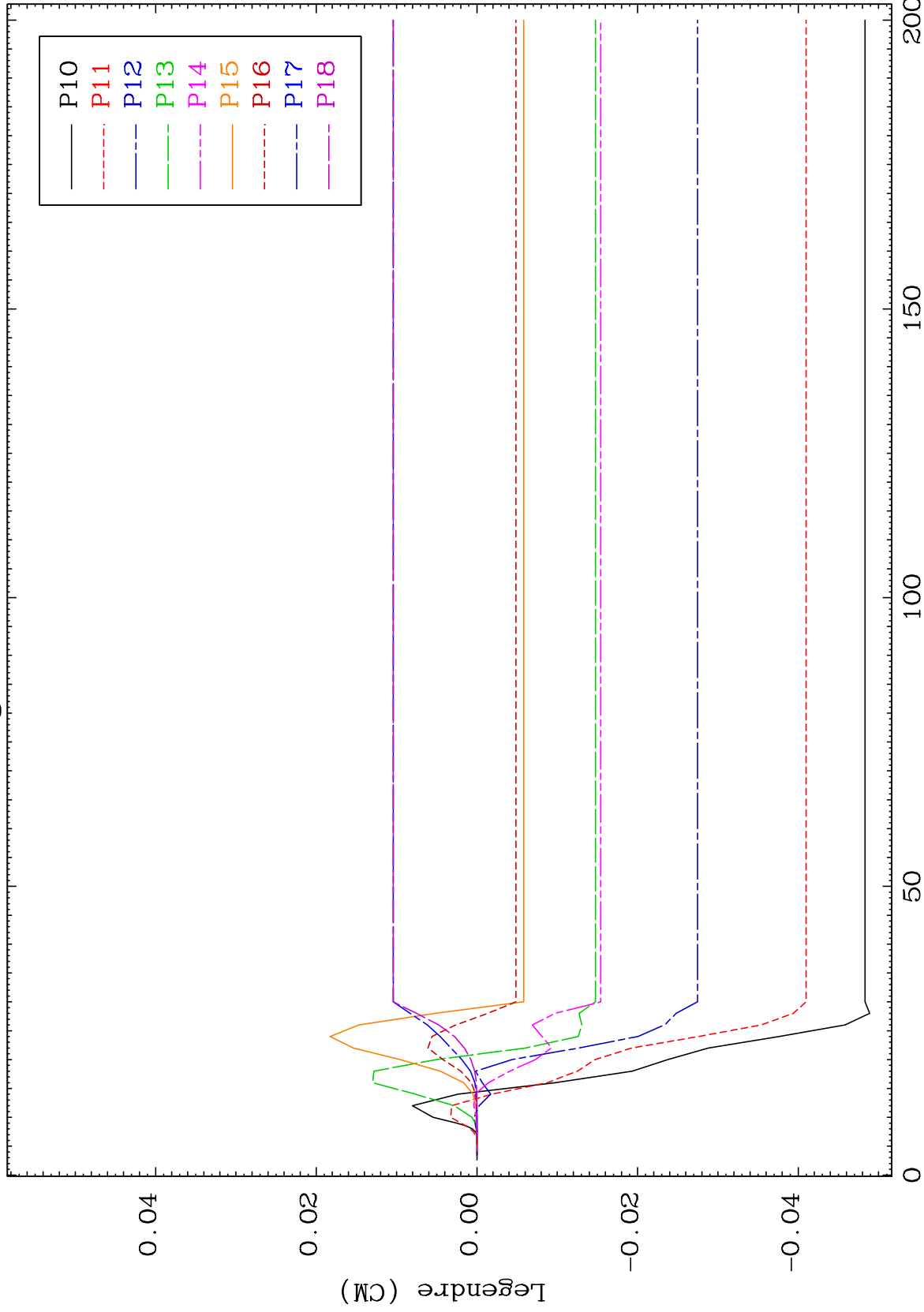
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



91

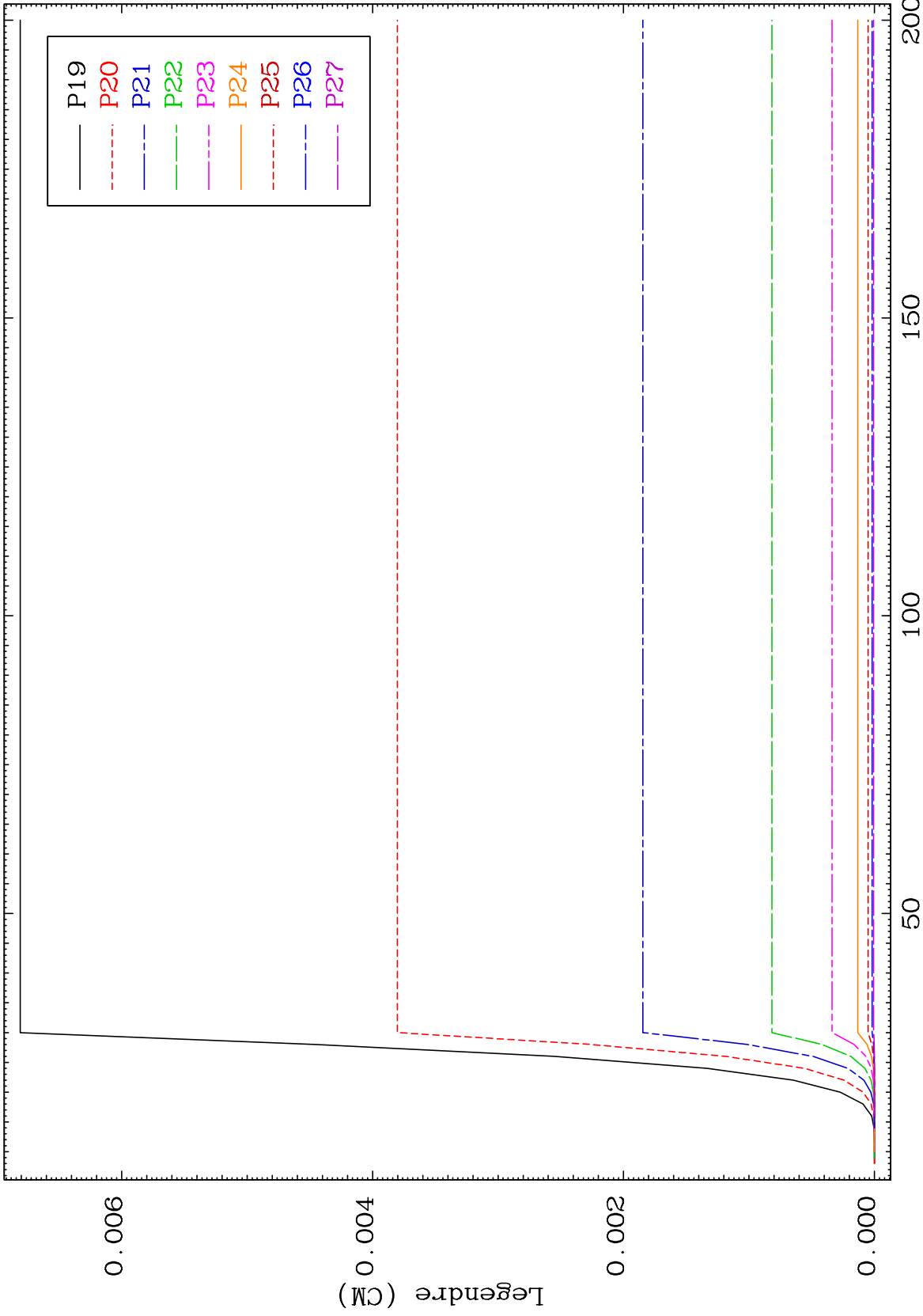
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



92

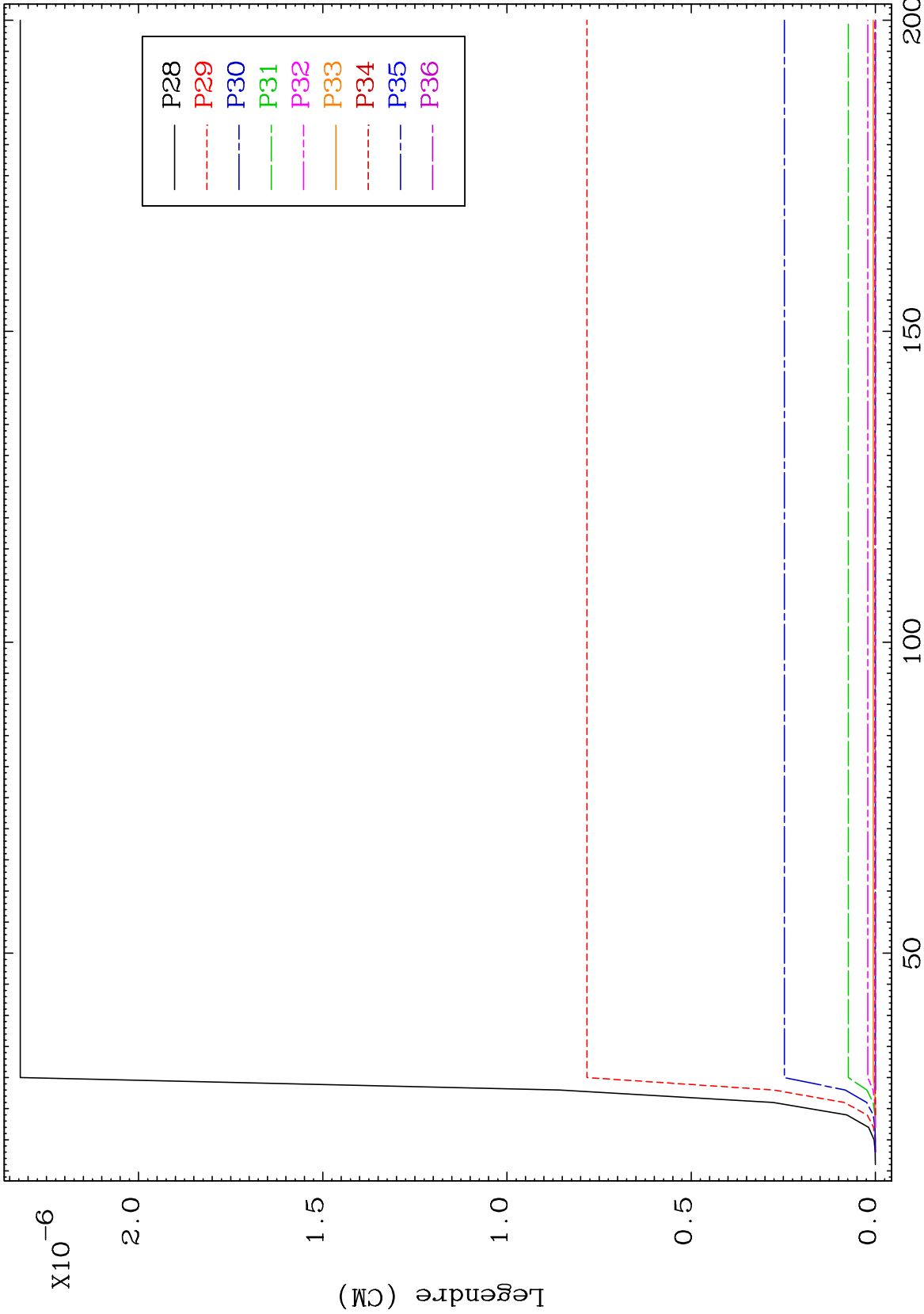
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



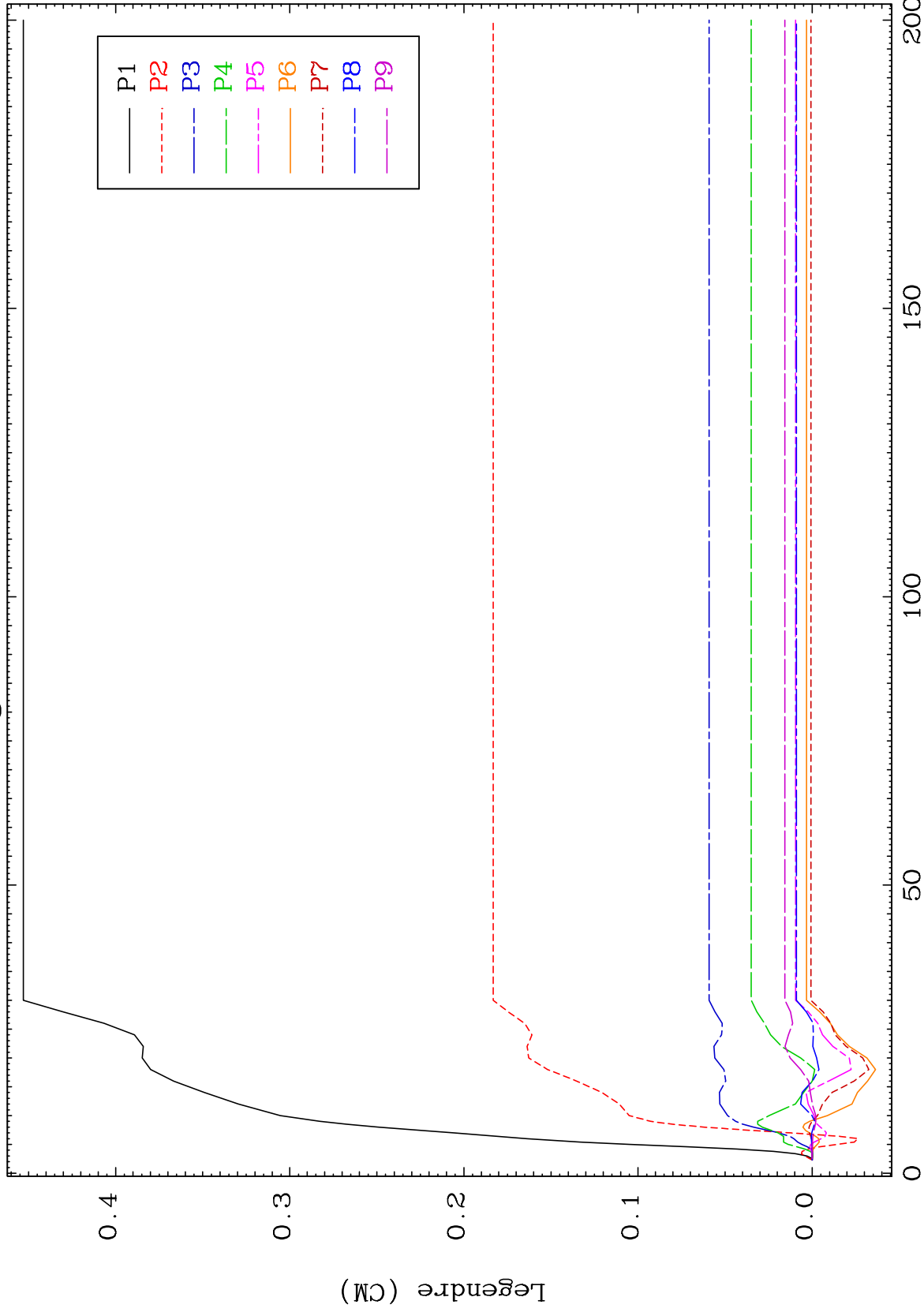
93

49-In-123

MAT 4955

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

49-In-123



94

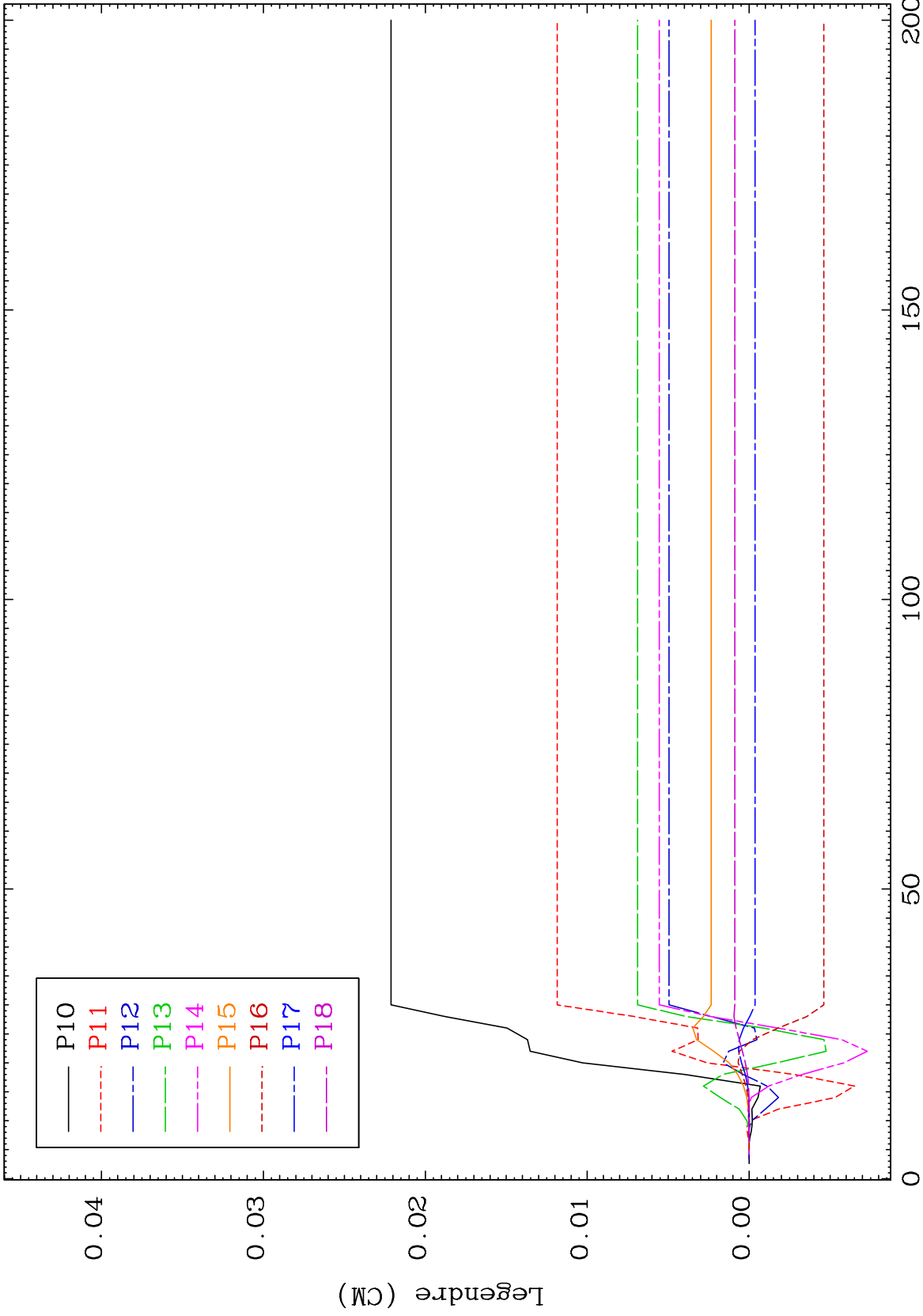
Incident Energy (MeV)

49-In-123

MAT 4955

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

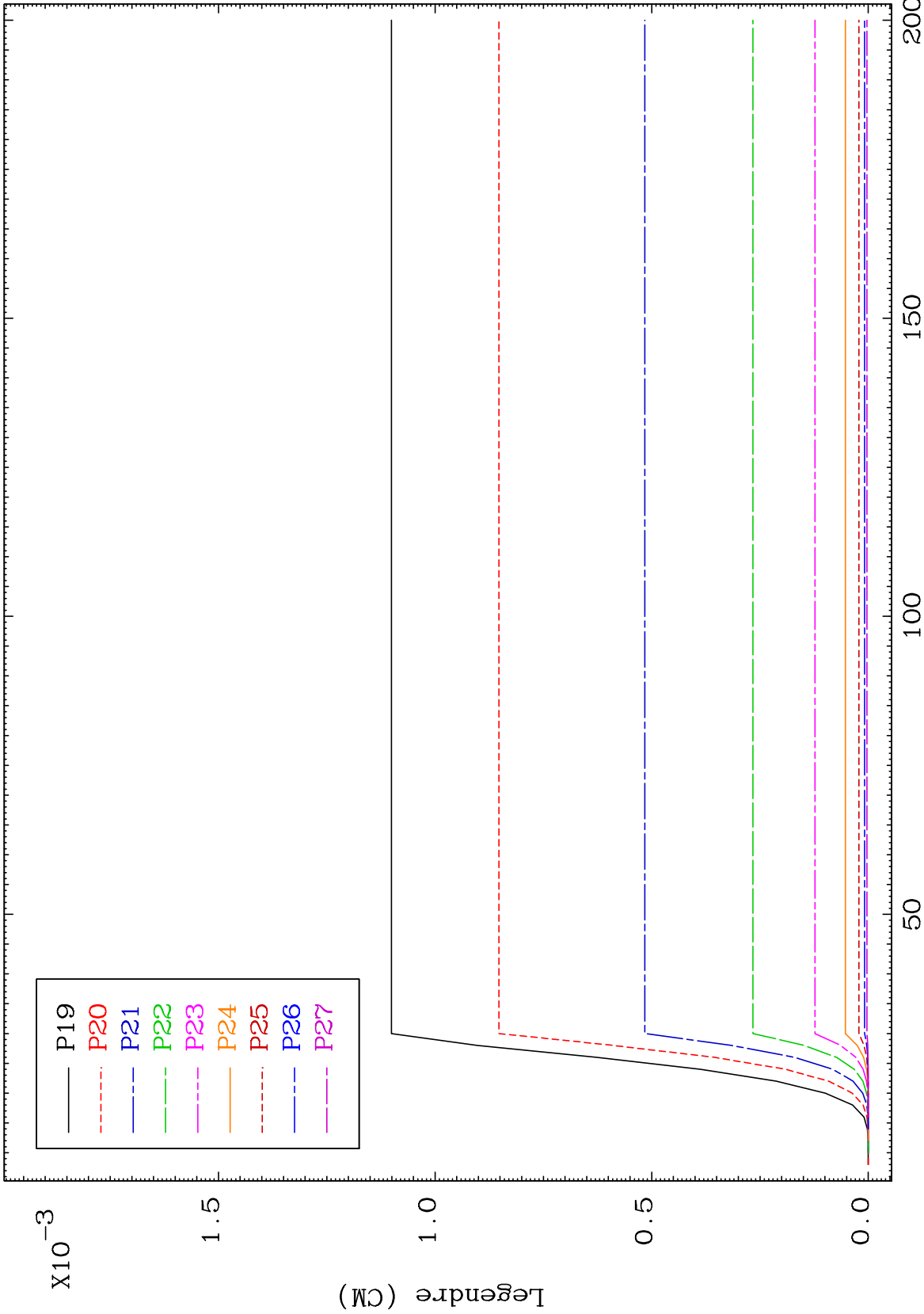
49-In-123



95

Incident Energy (MeV)

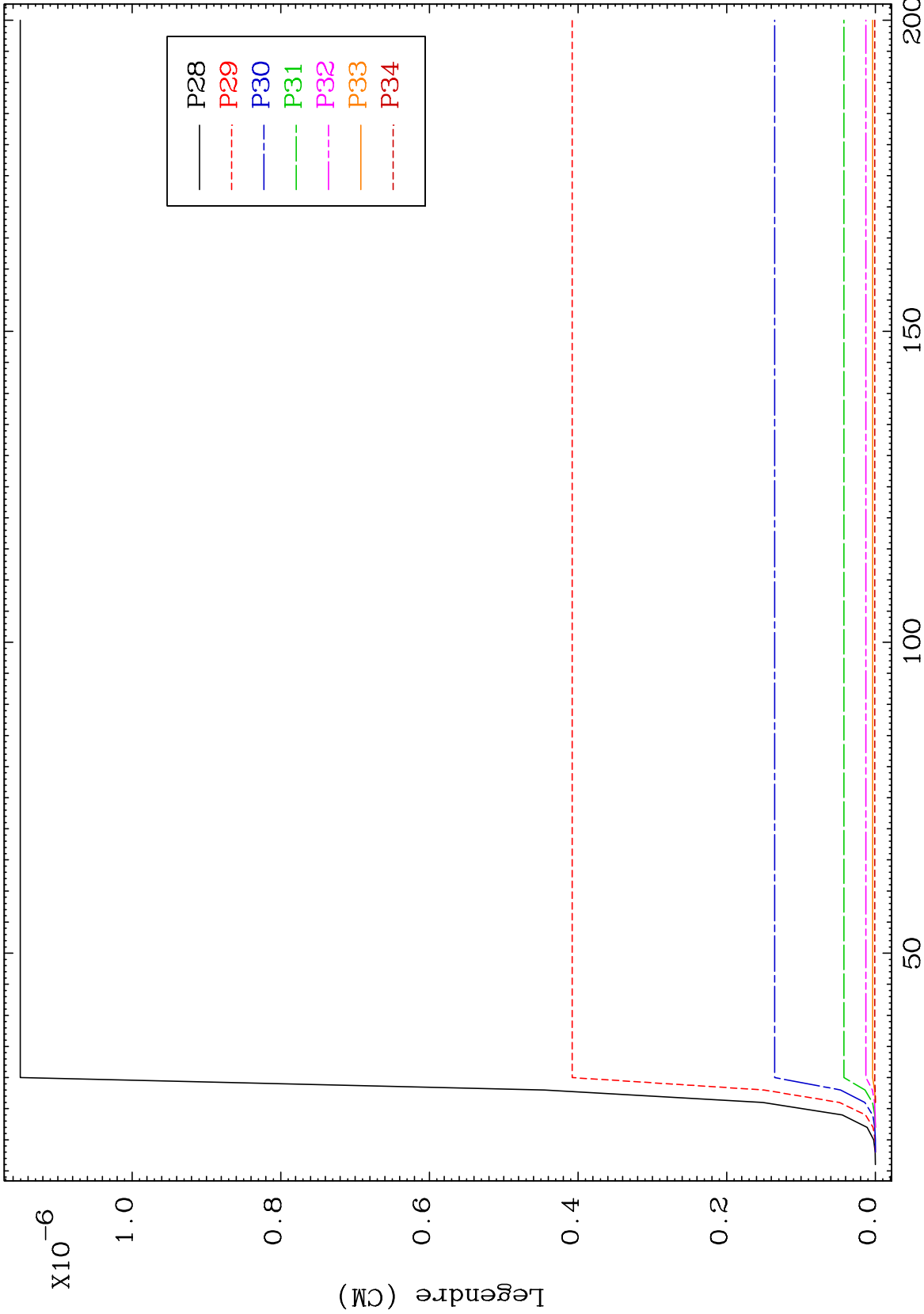
49-In-123



MAT 4955

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

49-In-123



97

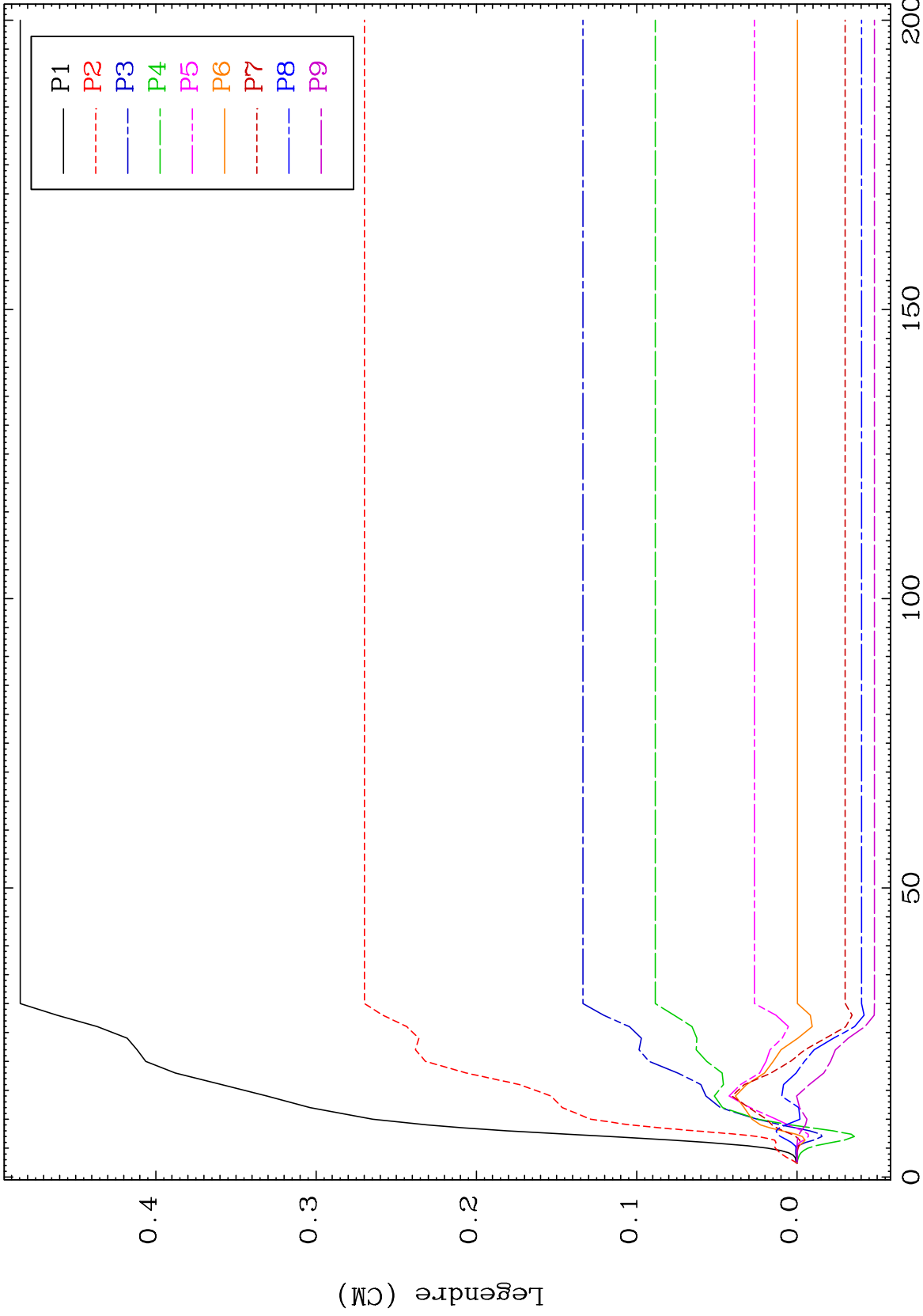
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



98

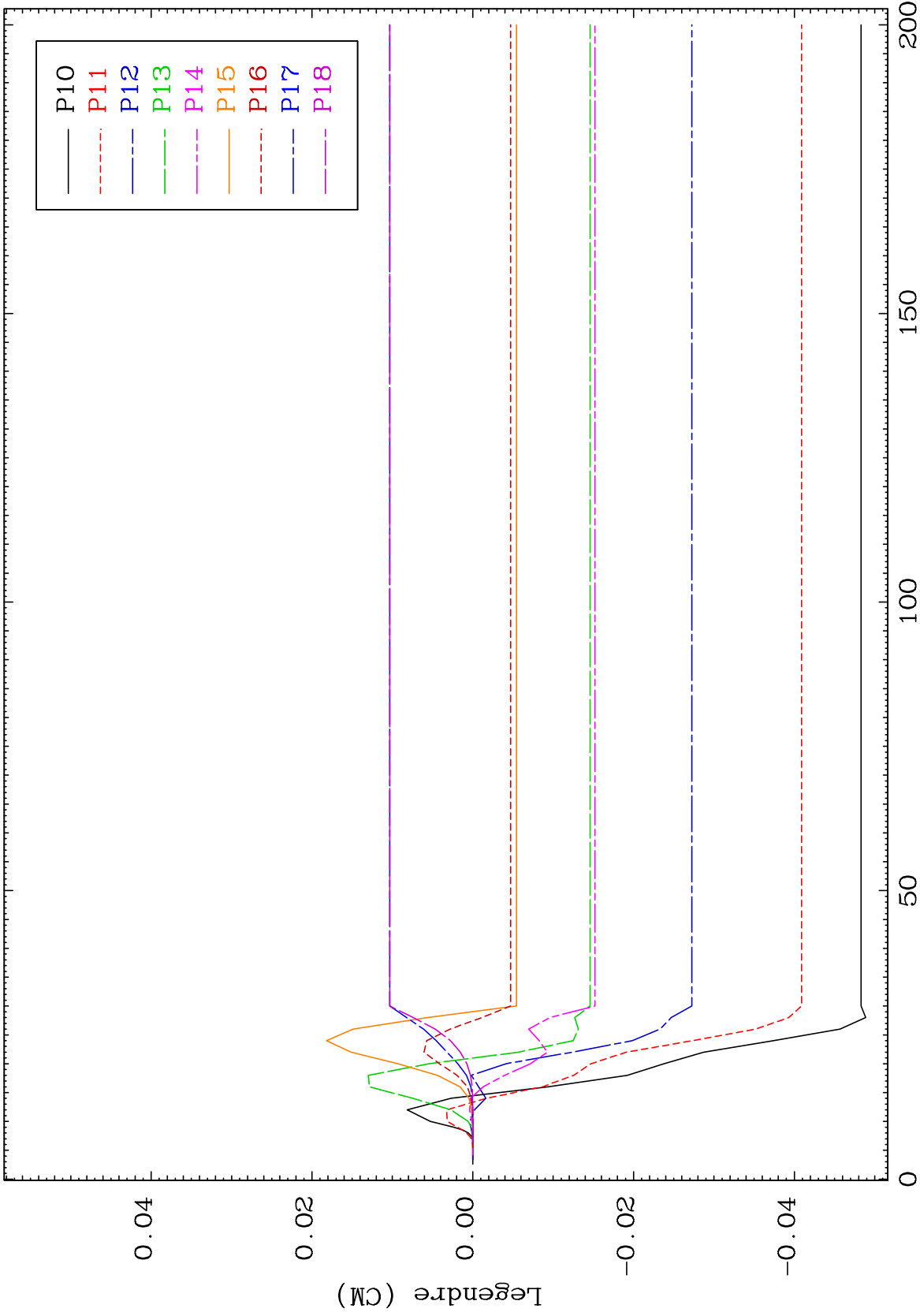
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



99

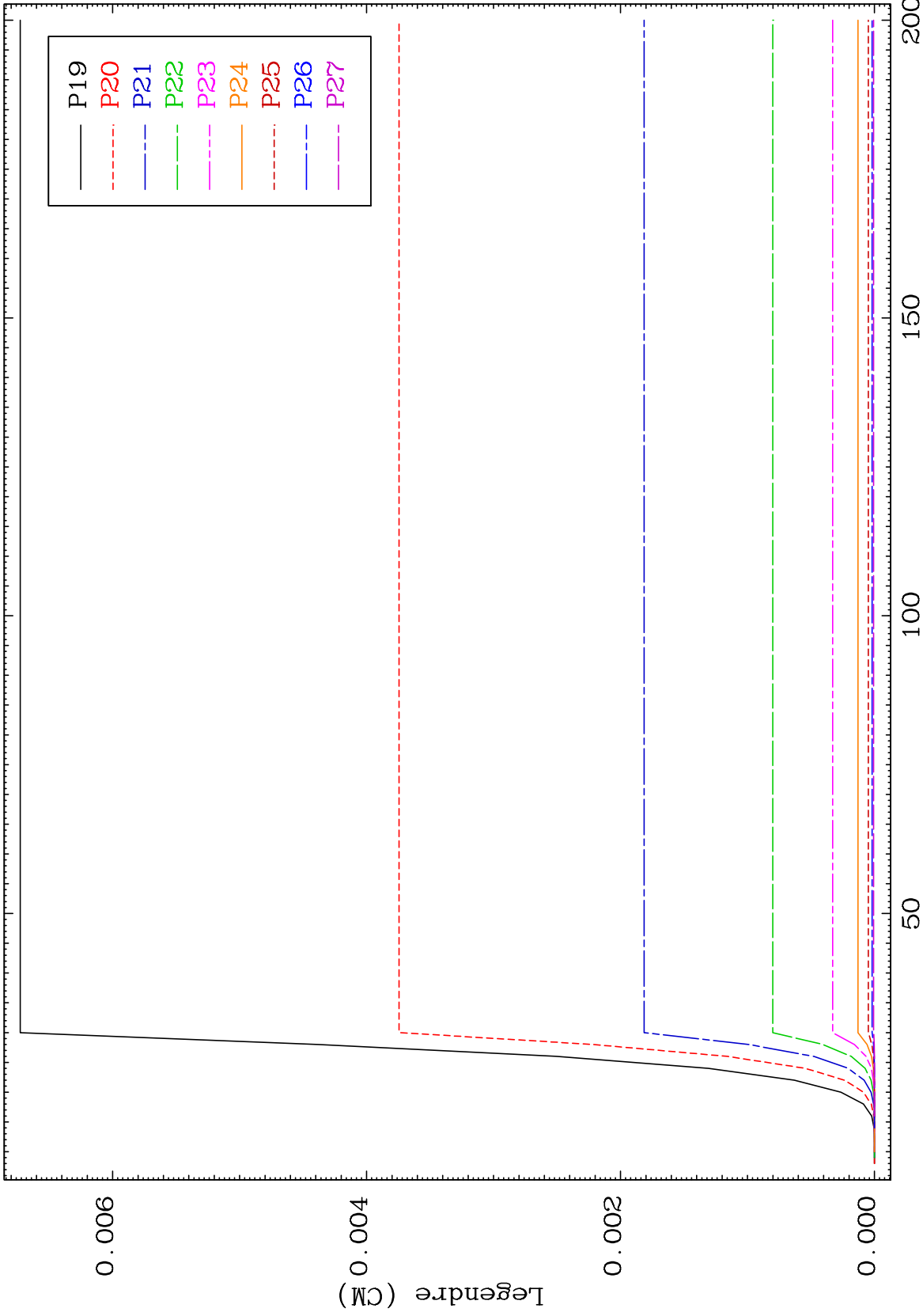
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



100

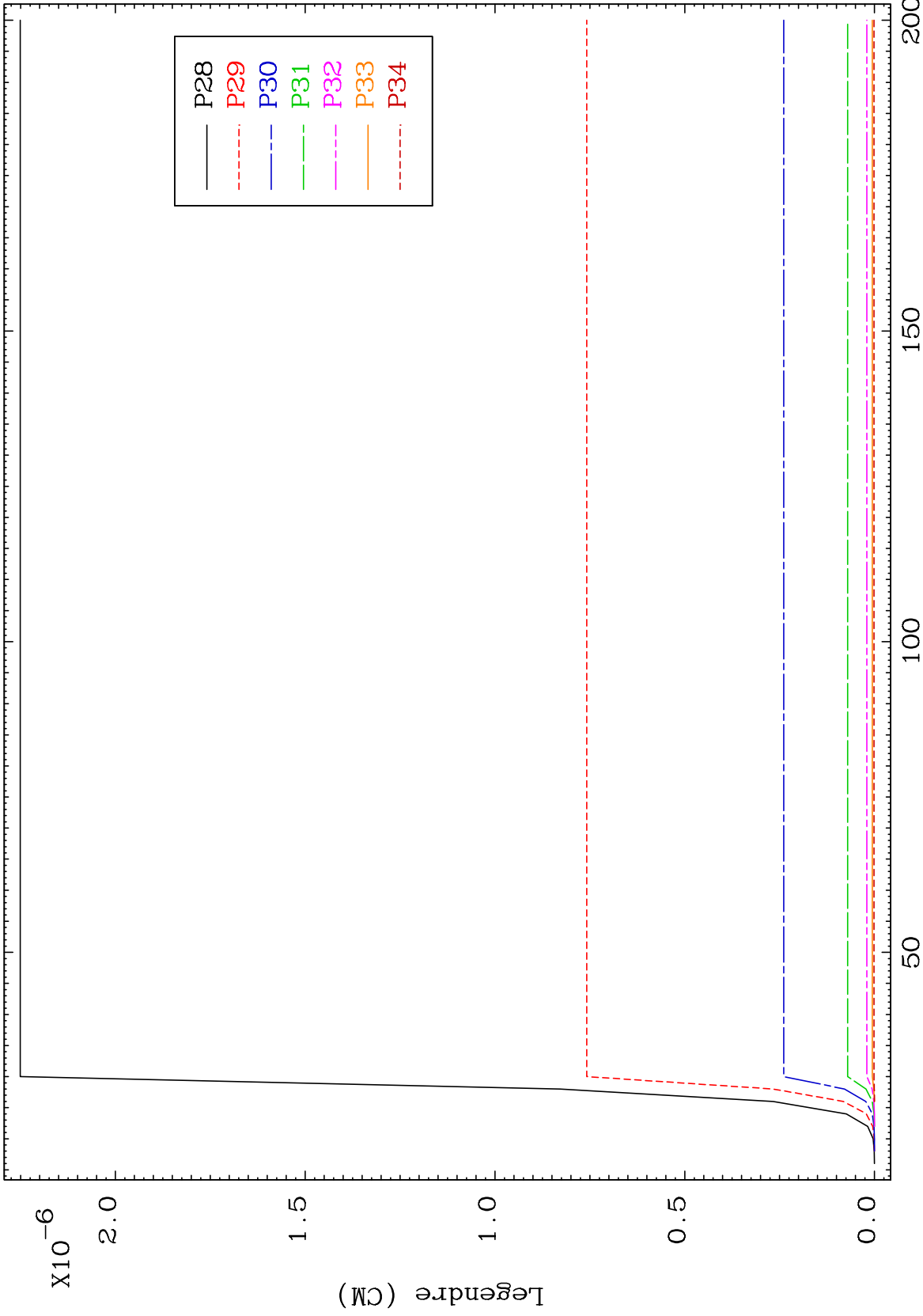
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



101

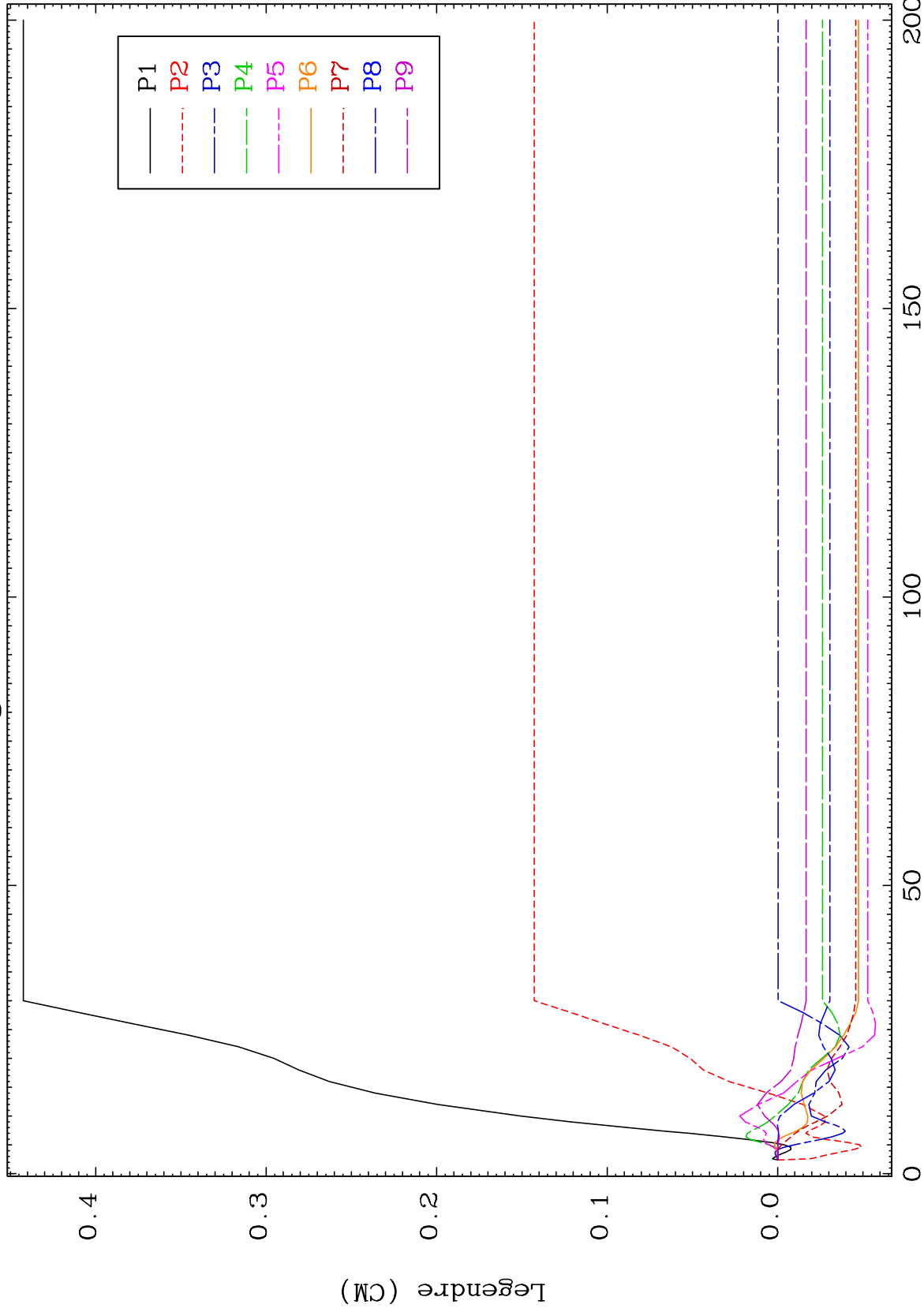
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



102

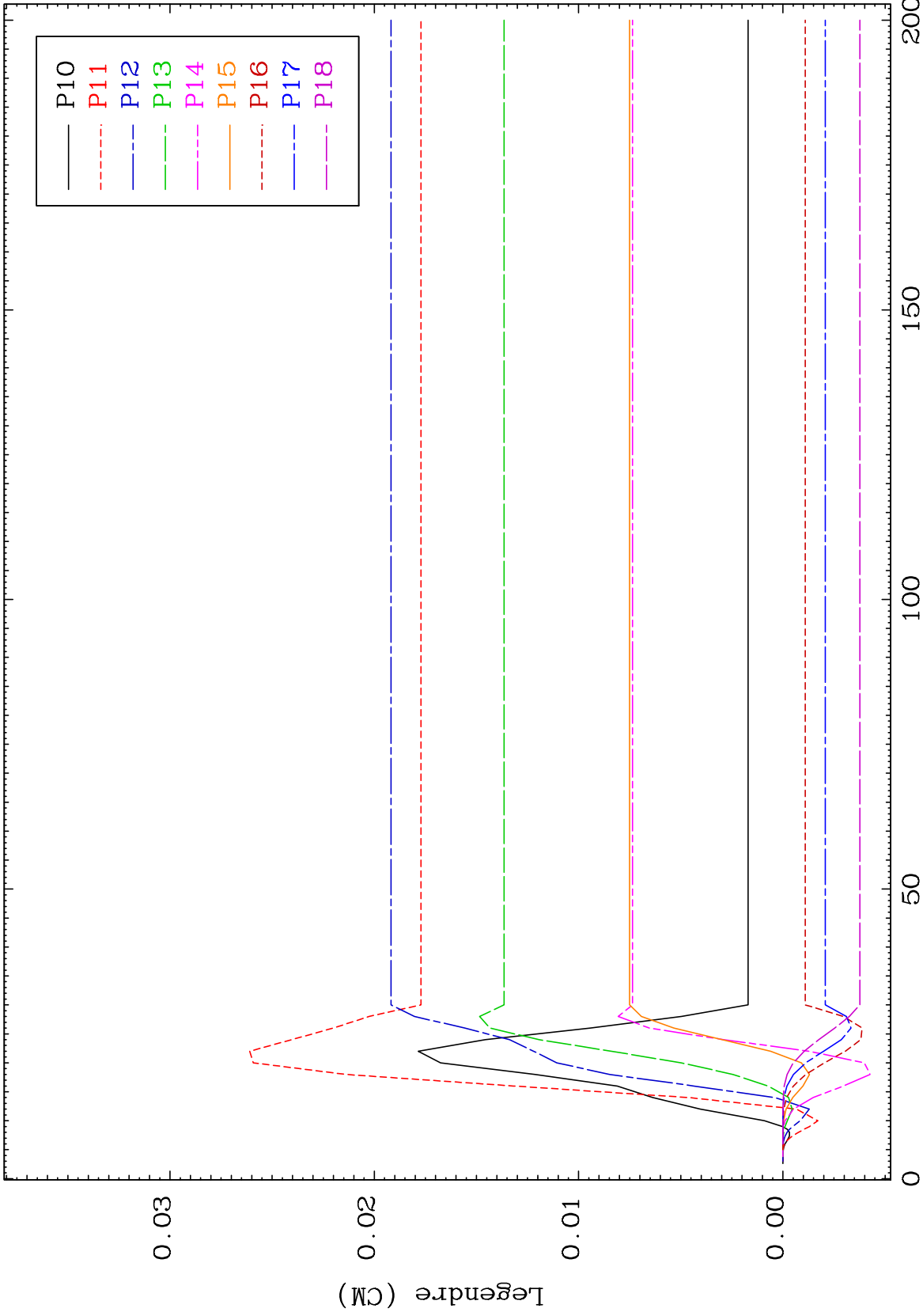
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



103

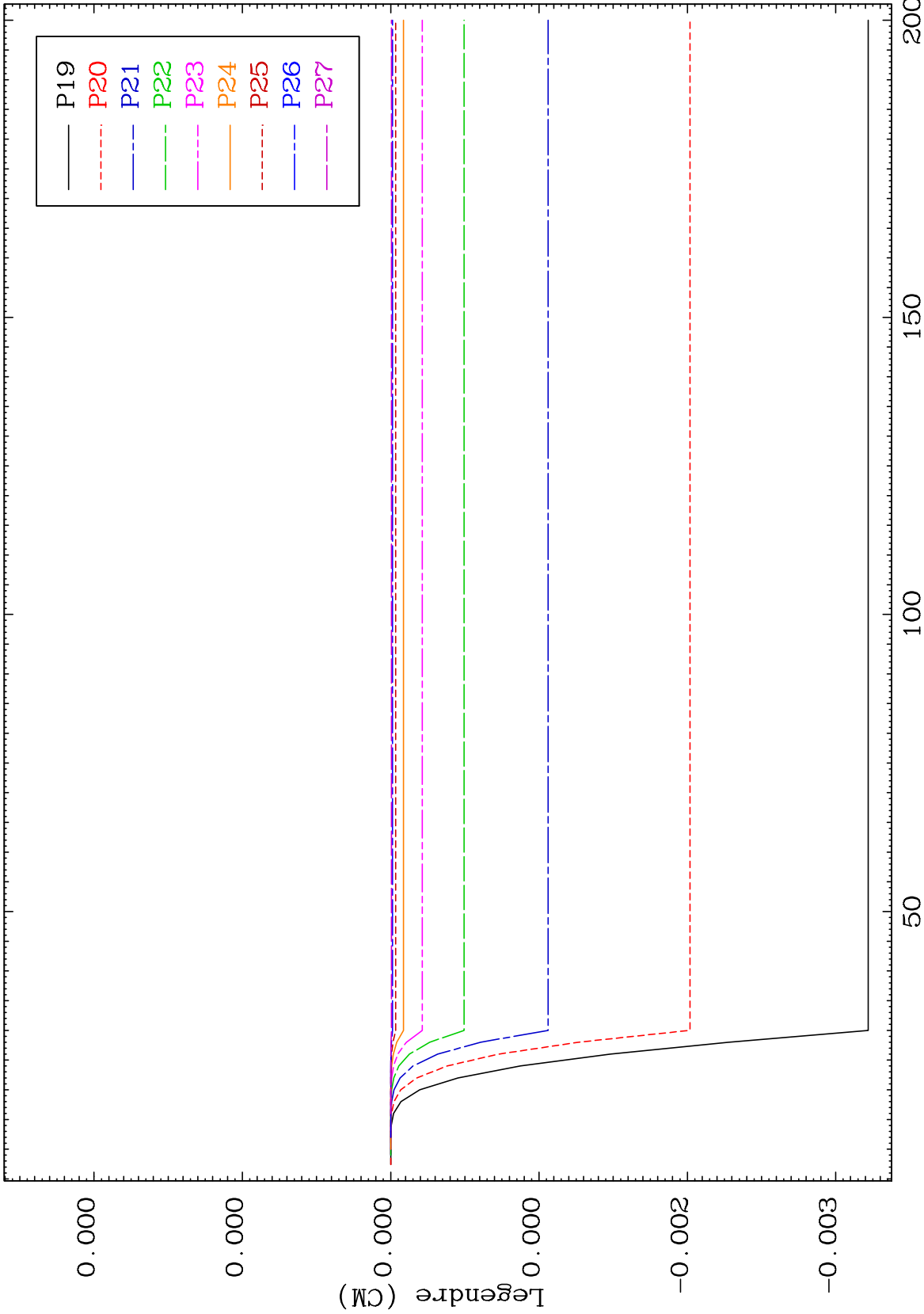
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



104

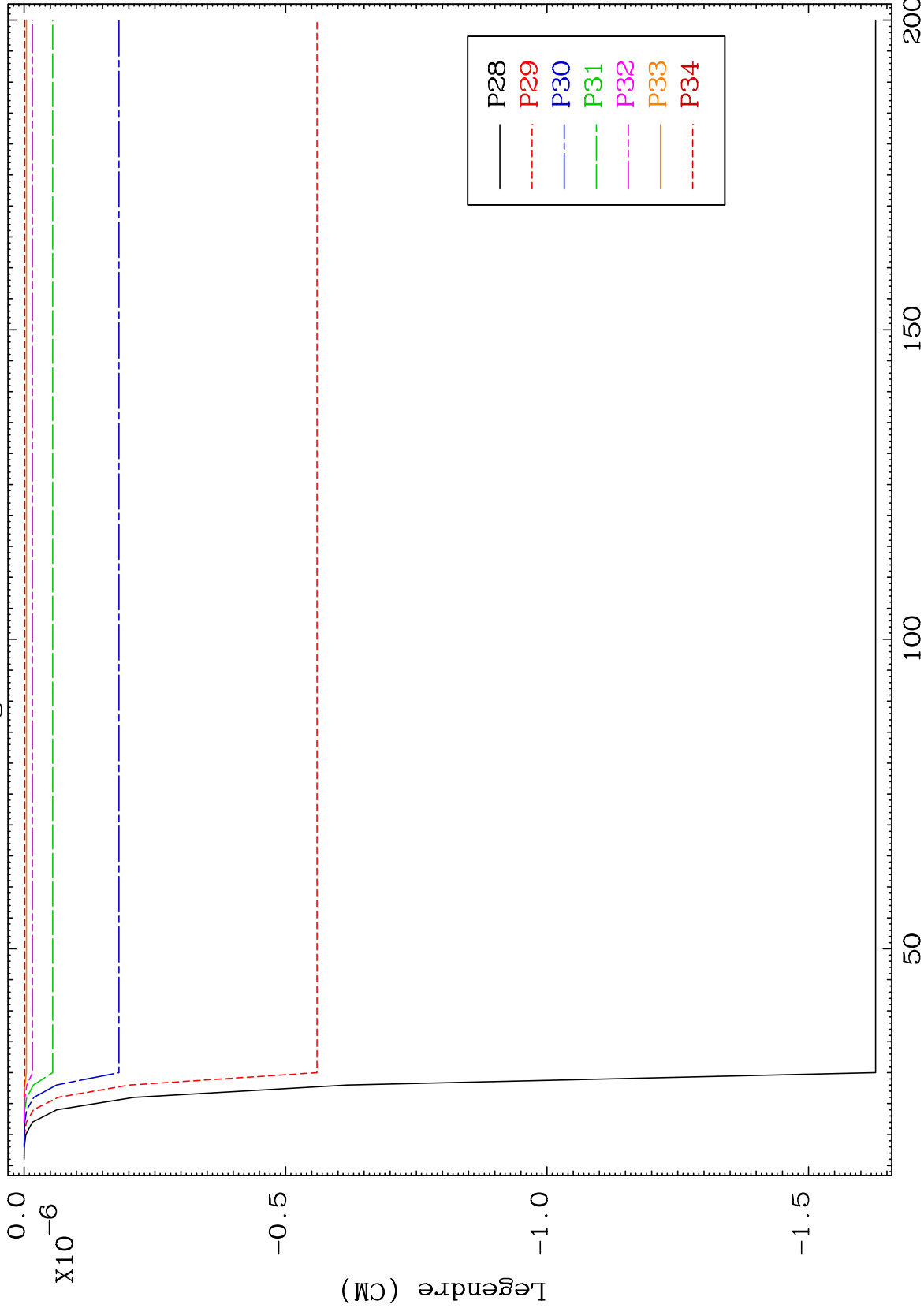
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



105

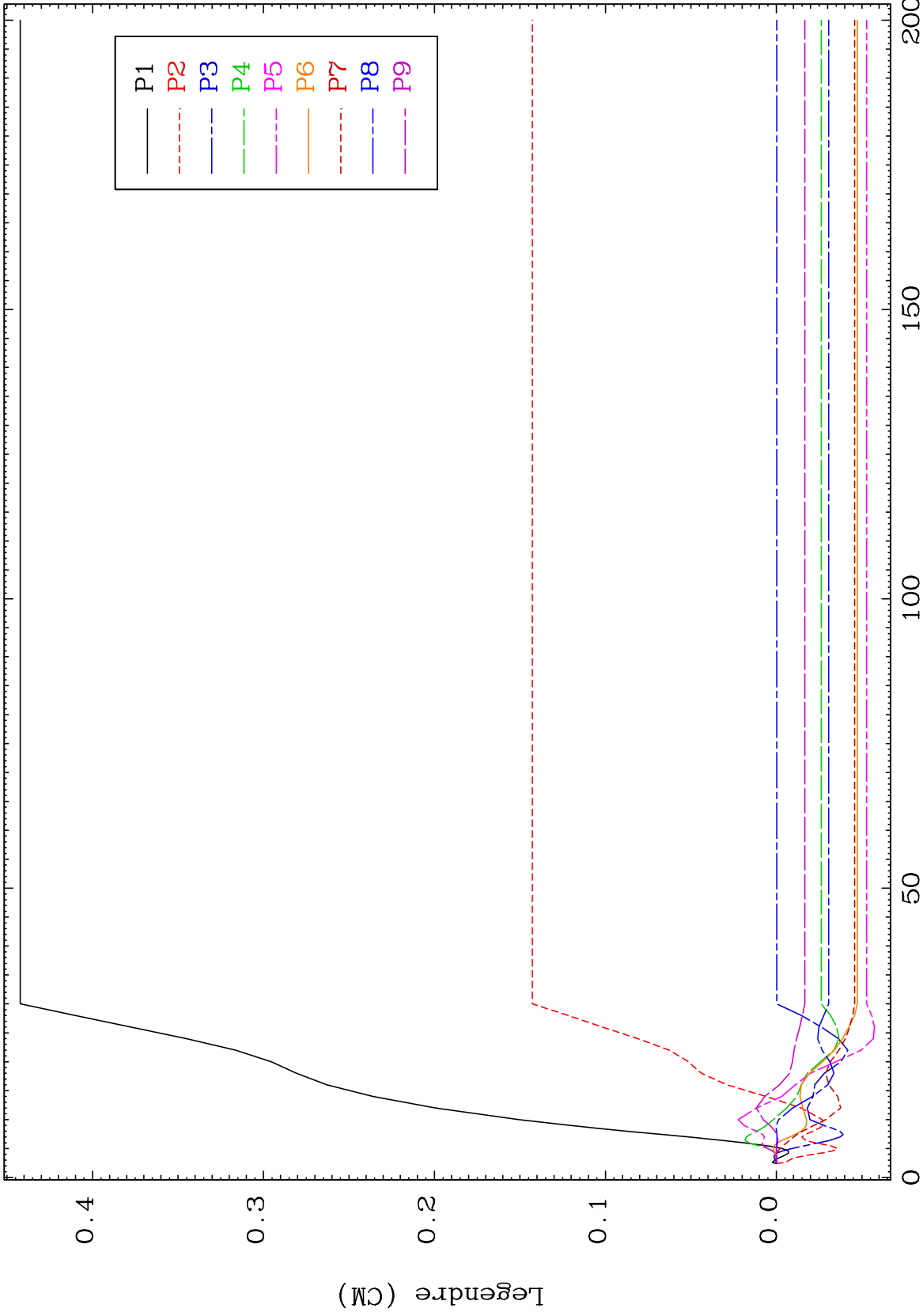
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



106

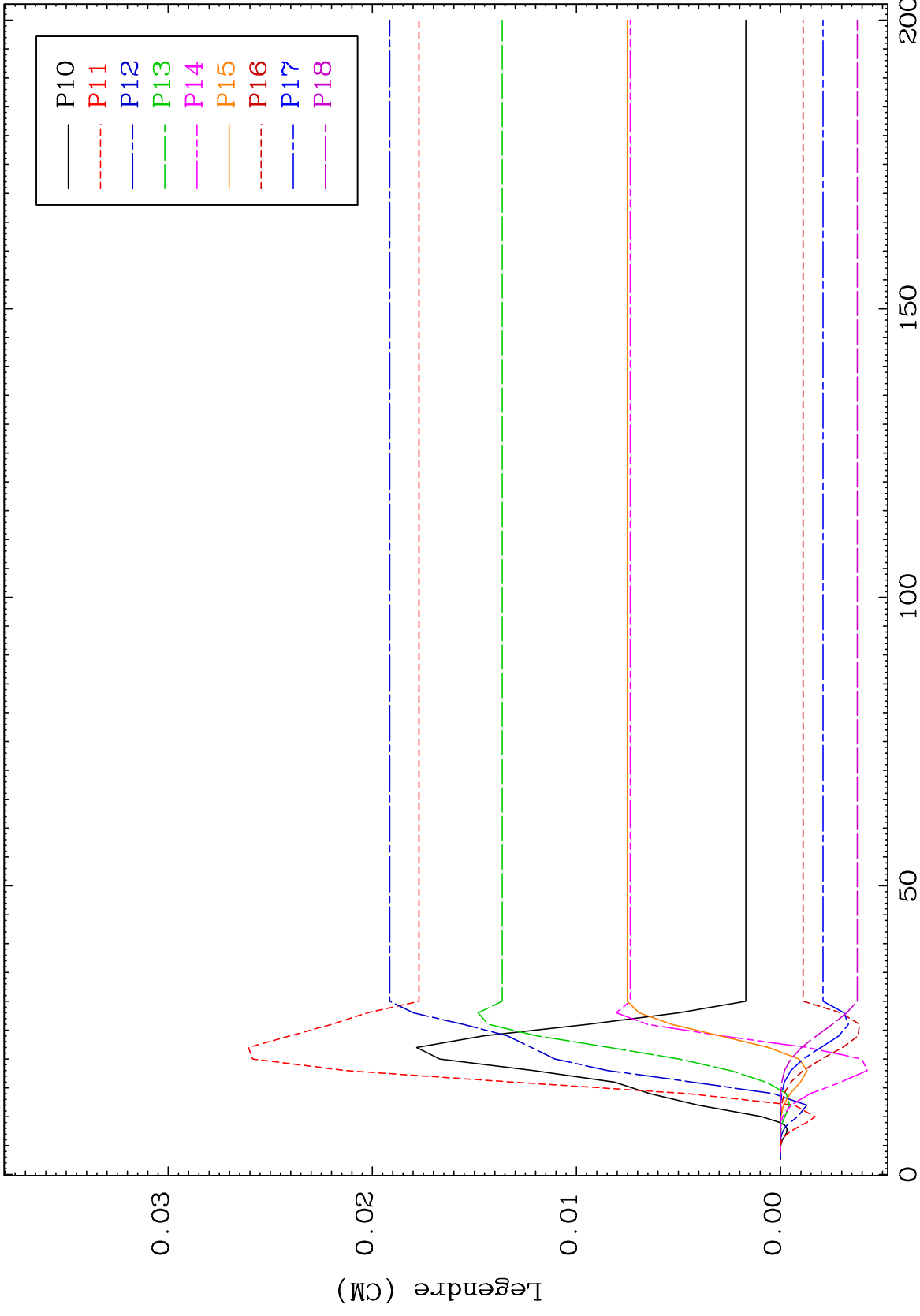
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



107

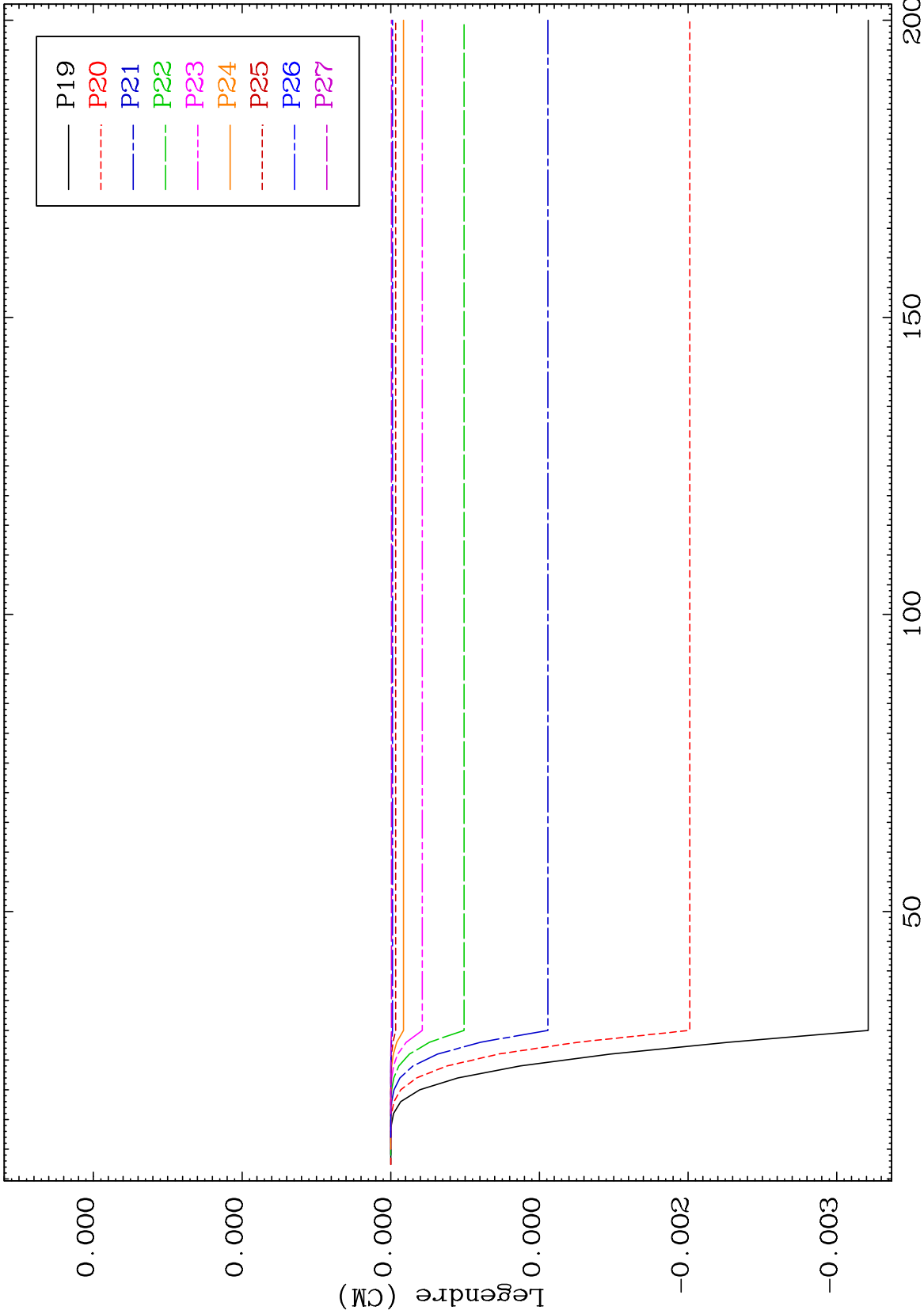
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



108

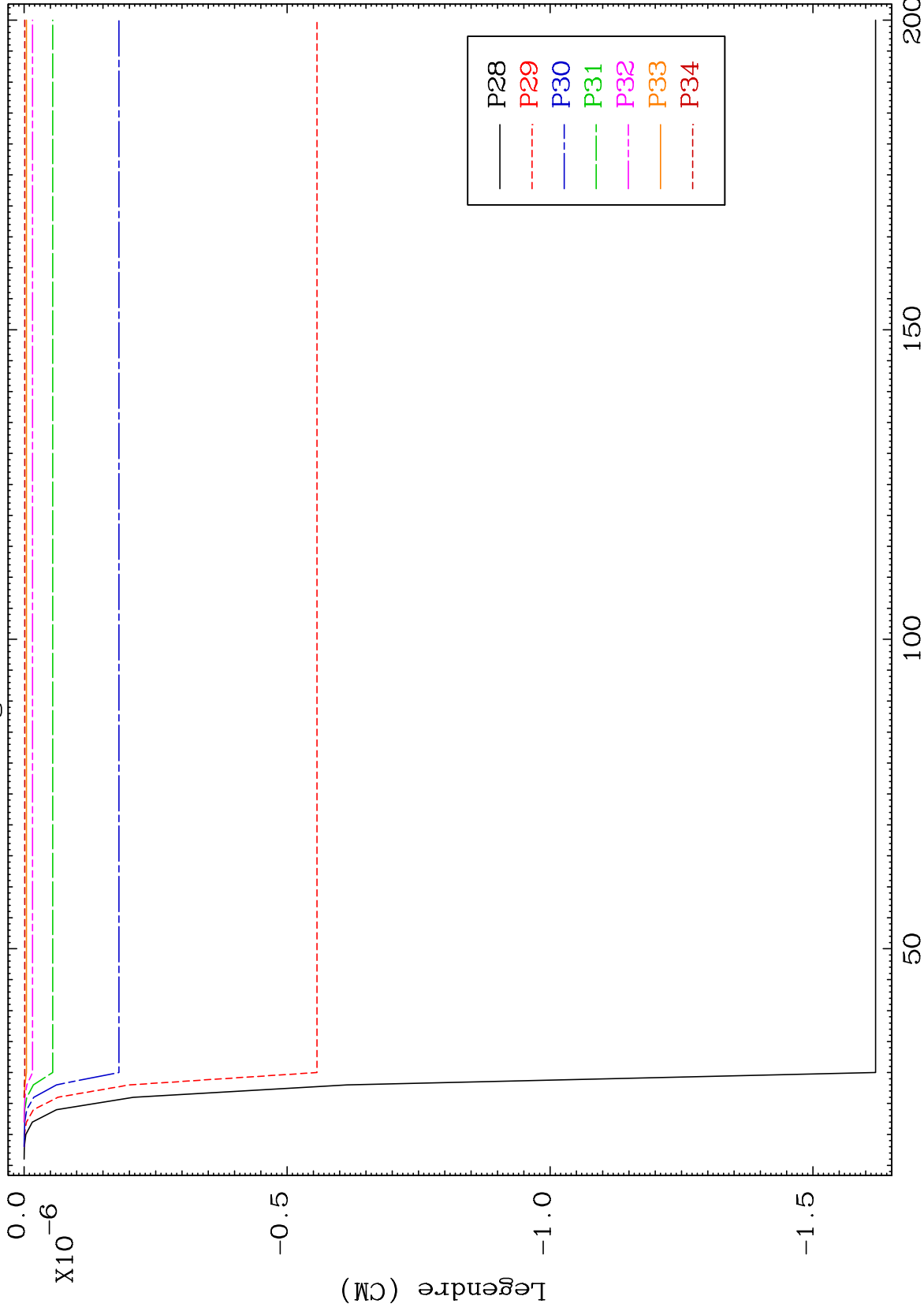
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



109

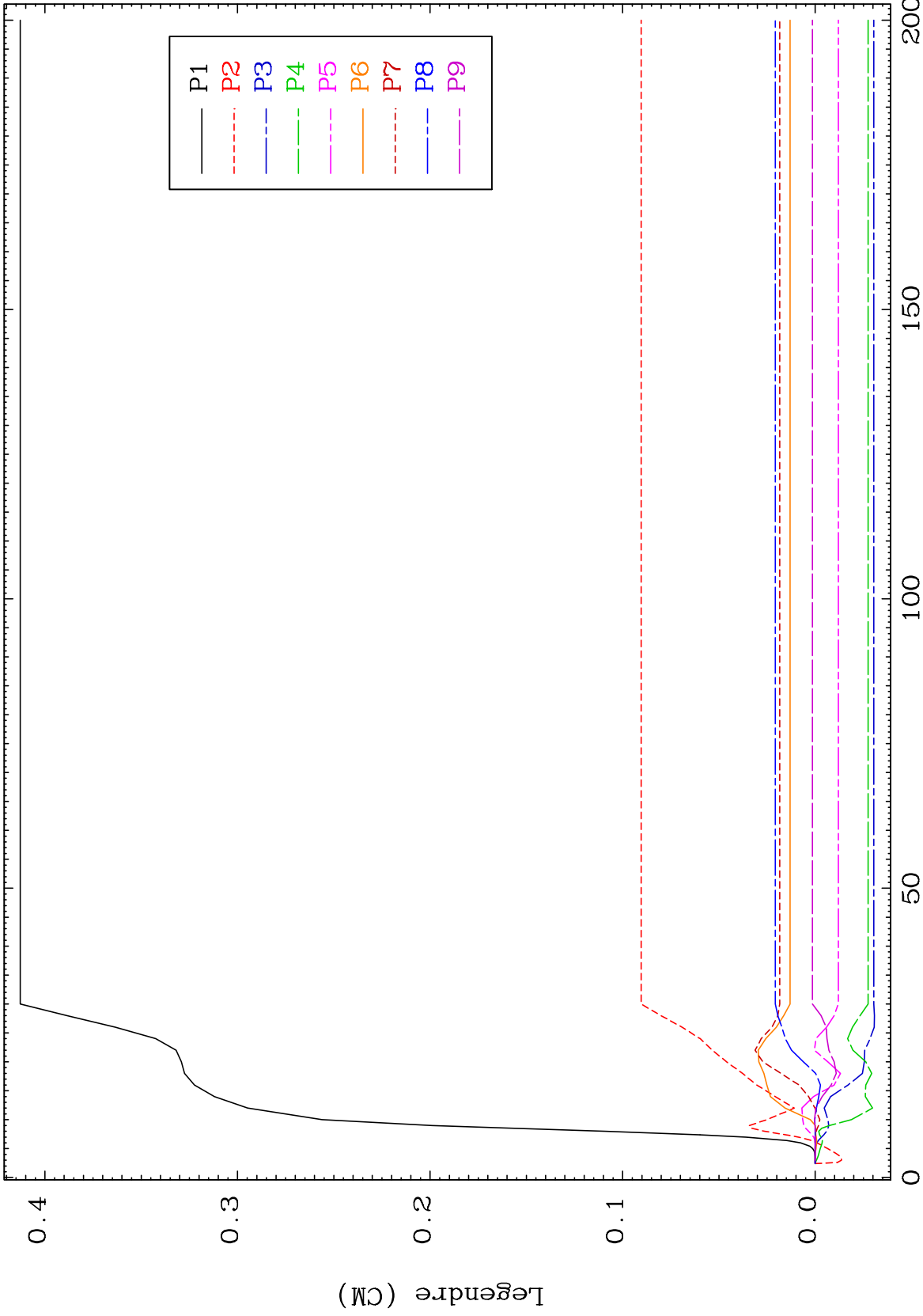
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



110

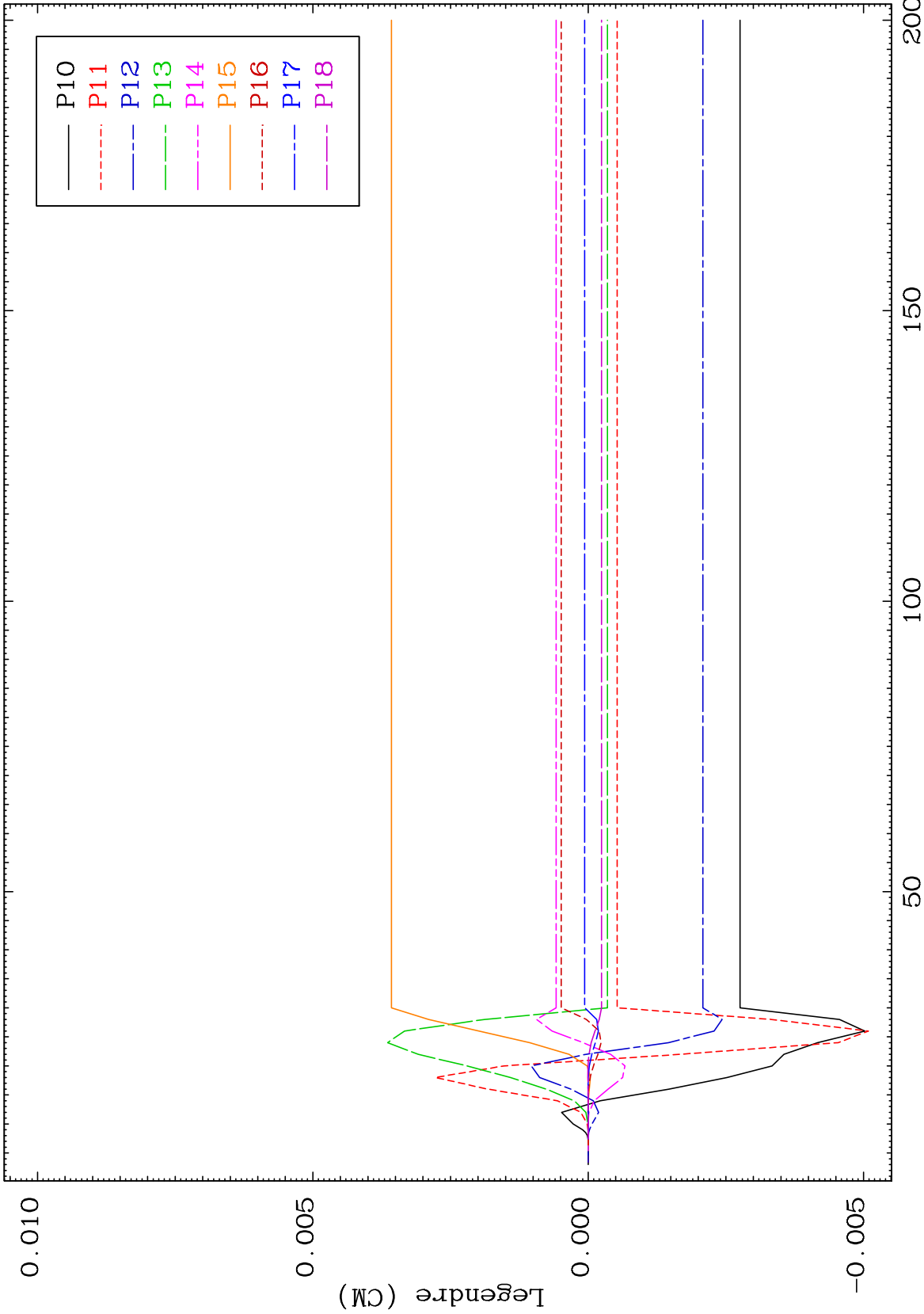
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



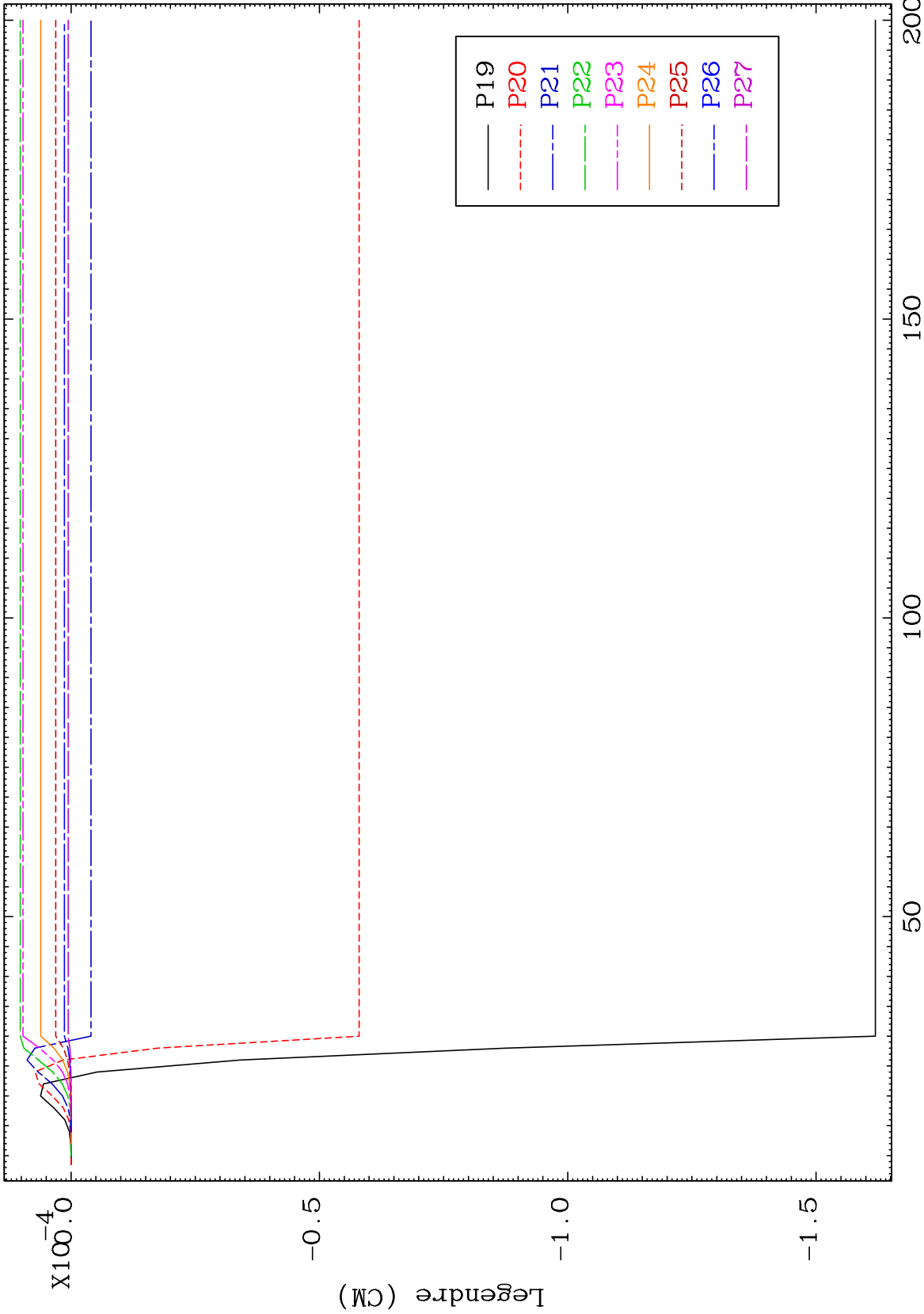
111

49-In-123

MAT 4955

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

49-In-123



112

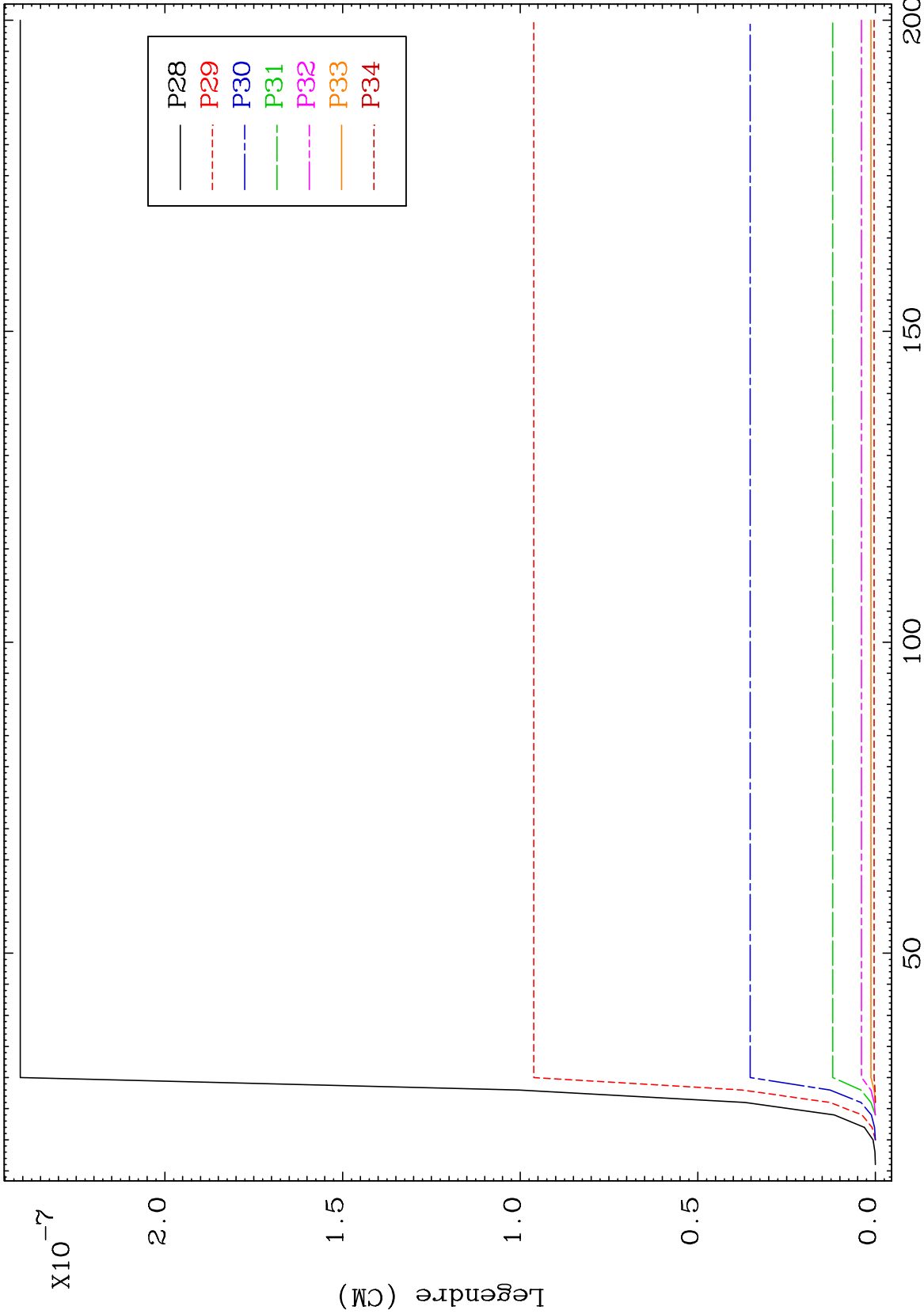
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



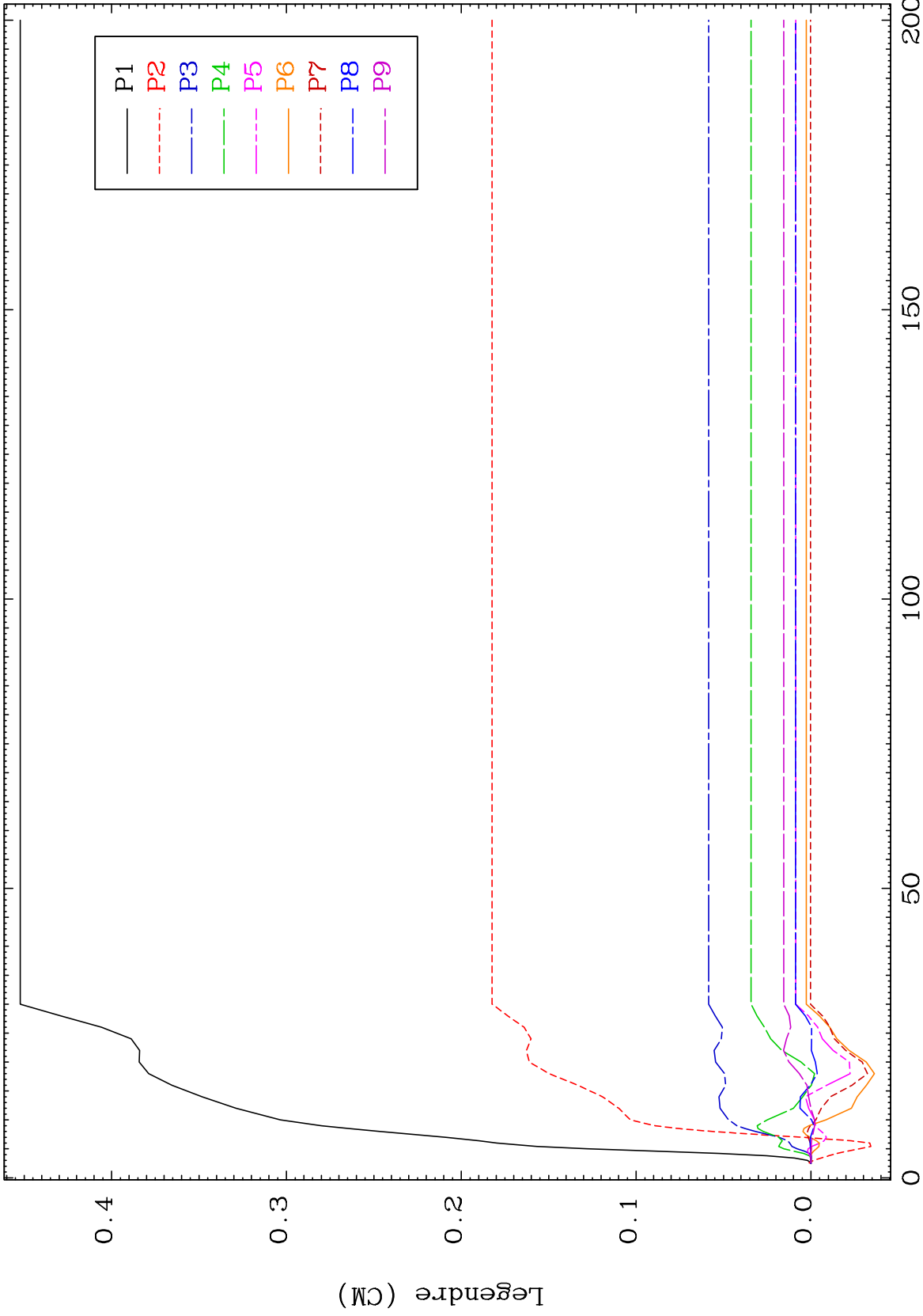
113

49-In-123

MAT 4955

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

49-In-123



114

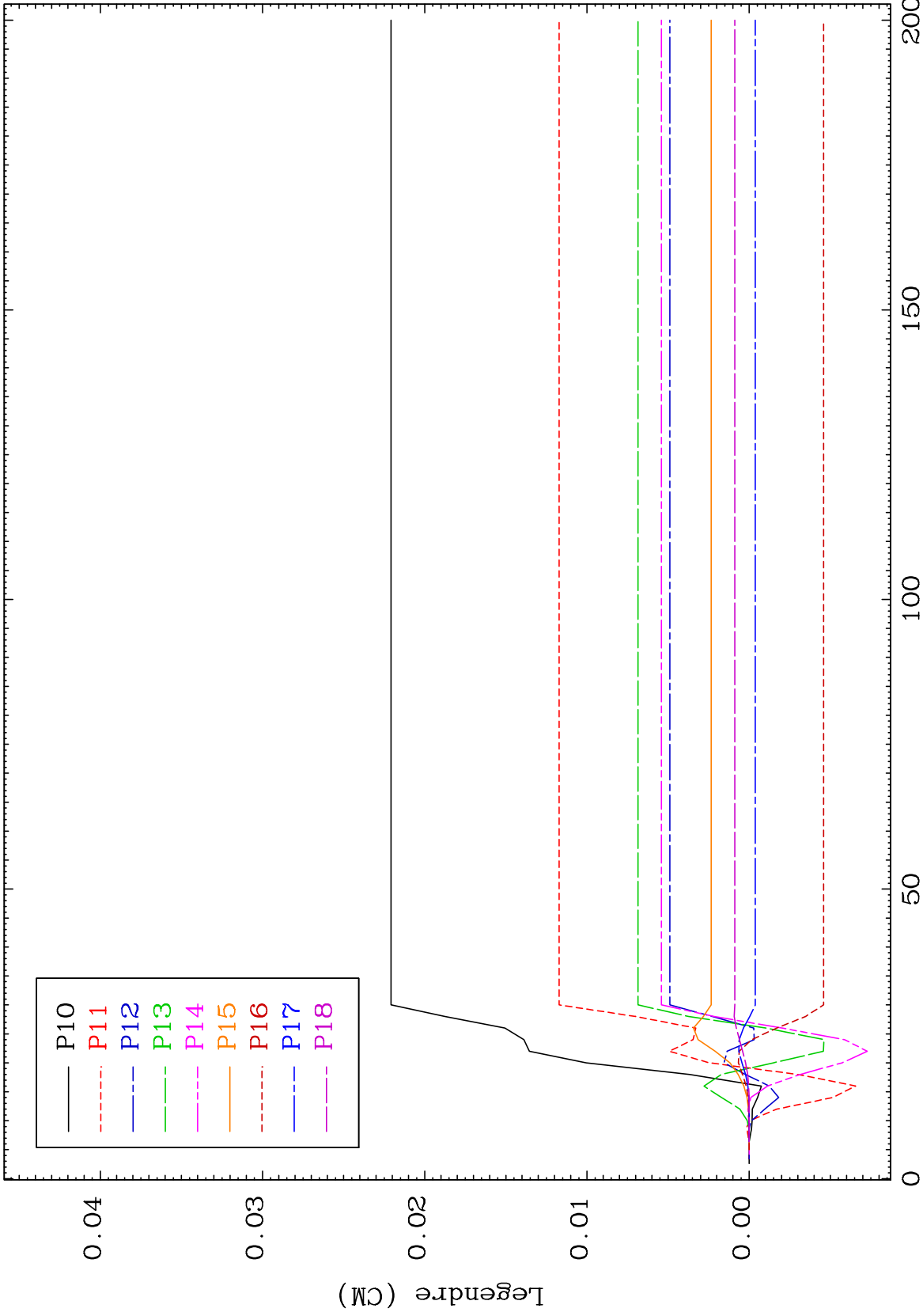
Incident Energy (MeV)

49-In-123

MAT 4955

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

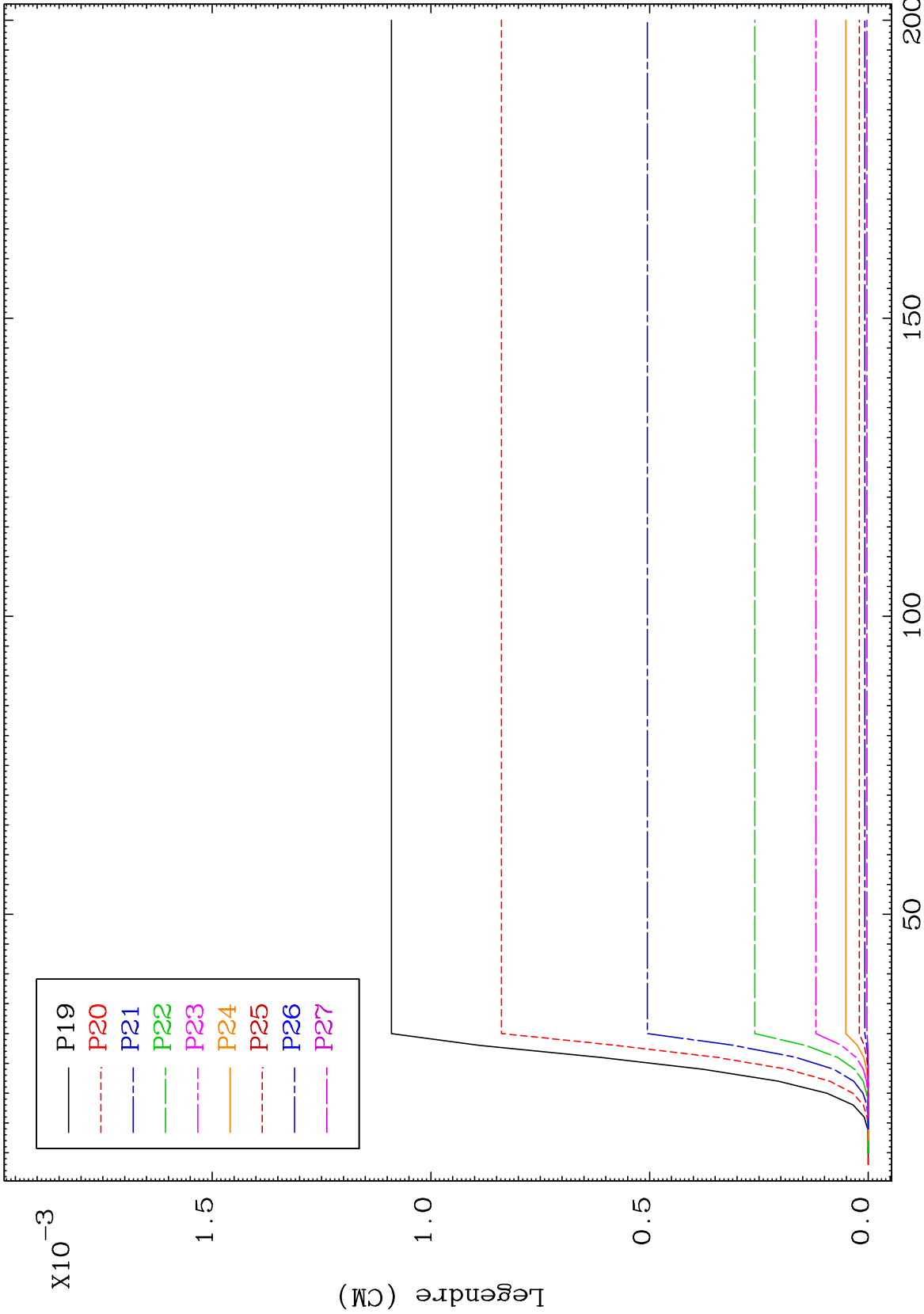
49-In-123



115

Incident Energy (MeV)

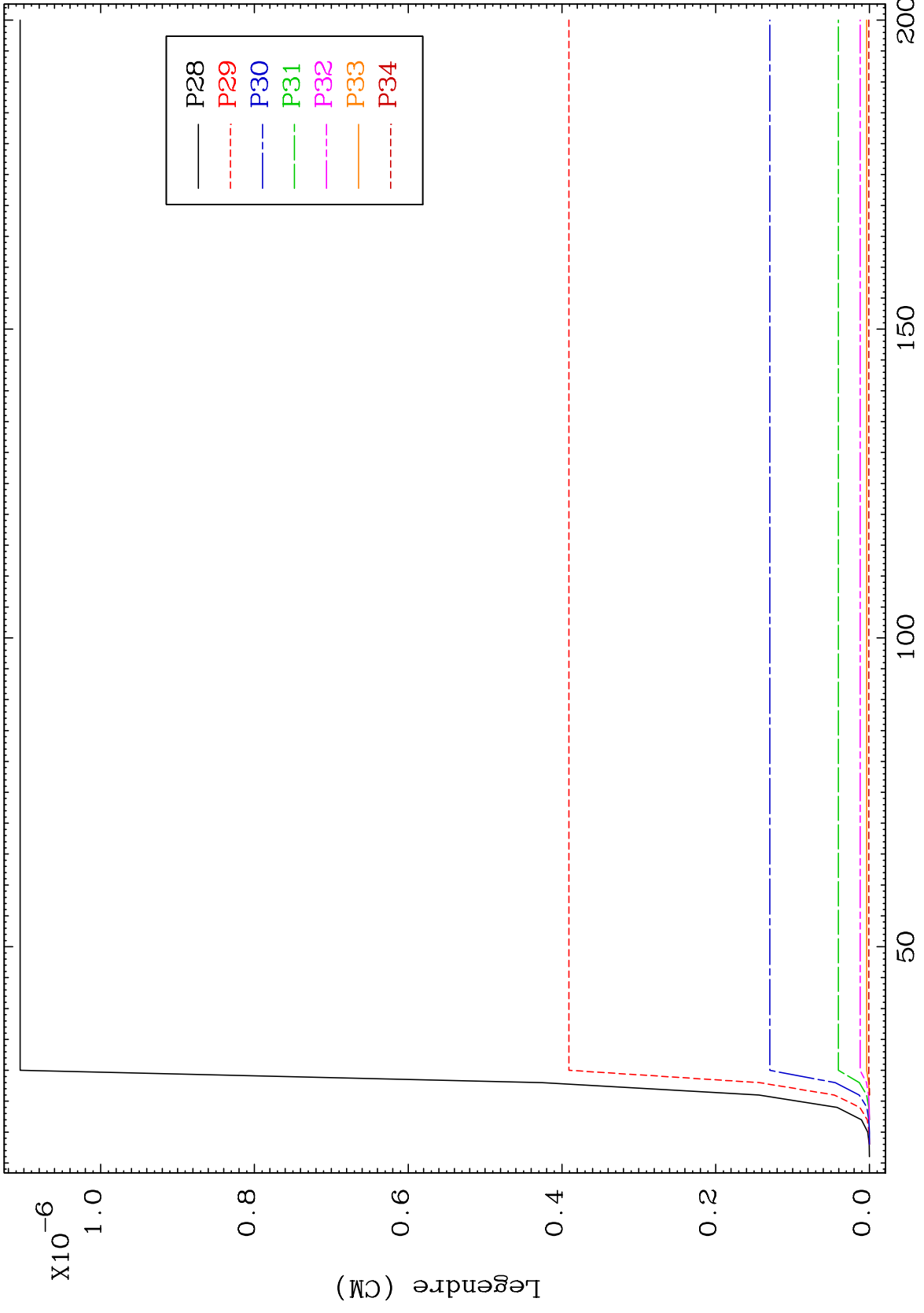
49-In-123



MAT 4955

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

49-In-123



117

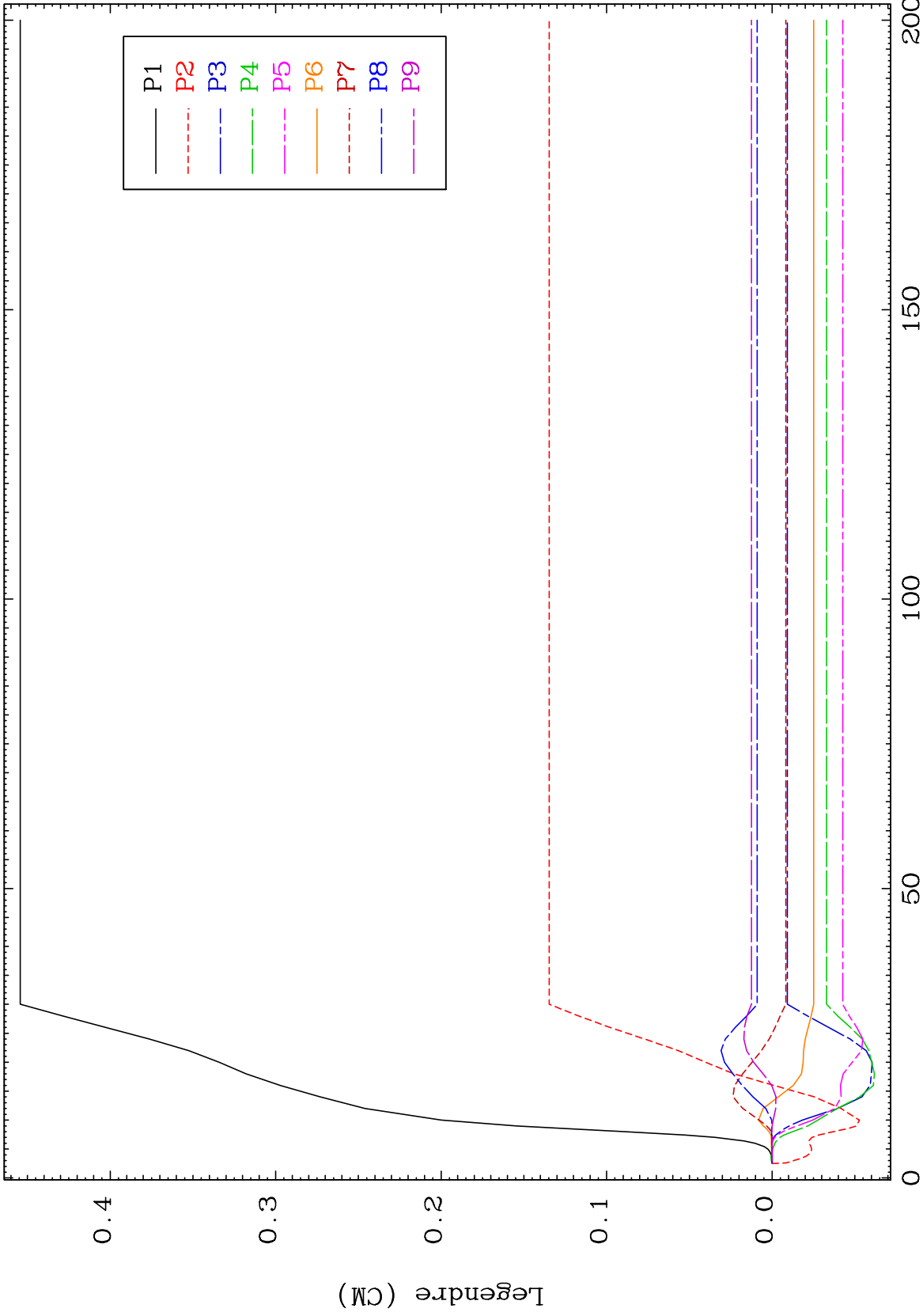
Incident Energy (MeV)

49-In-123

MAT 4955

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

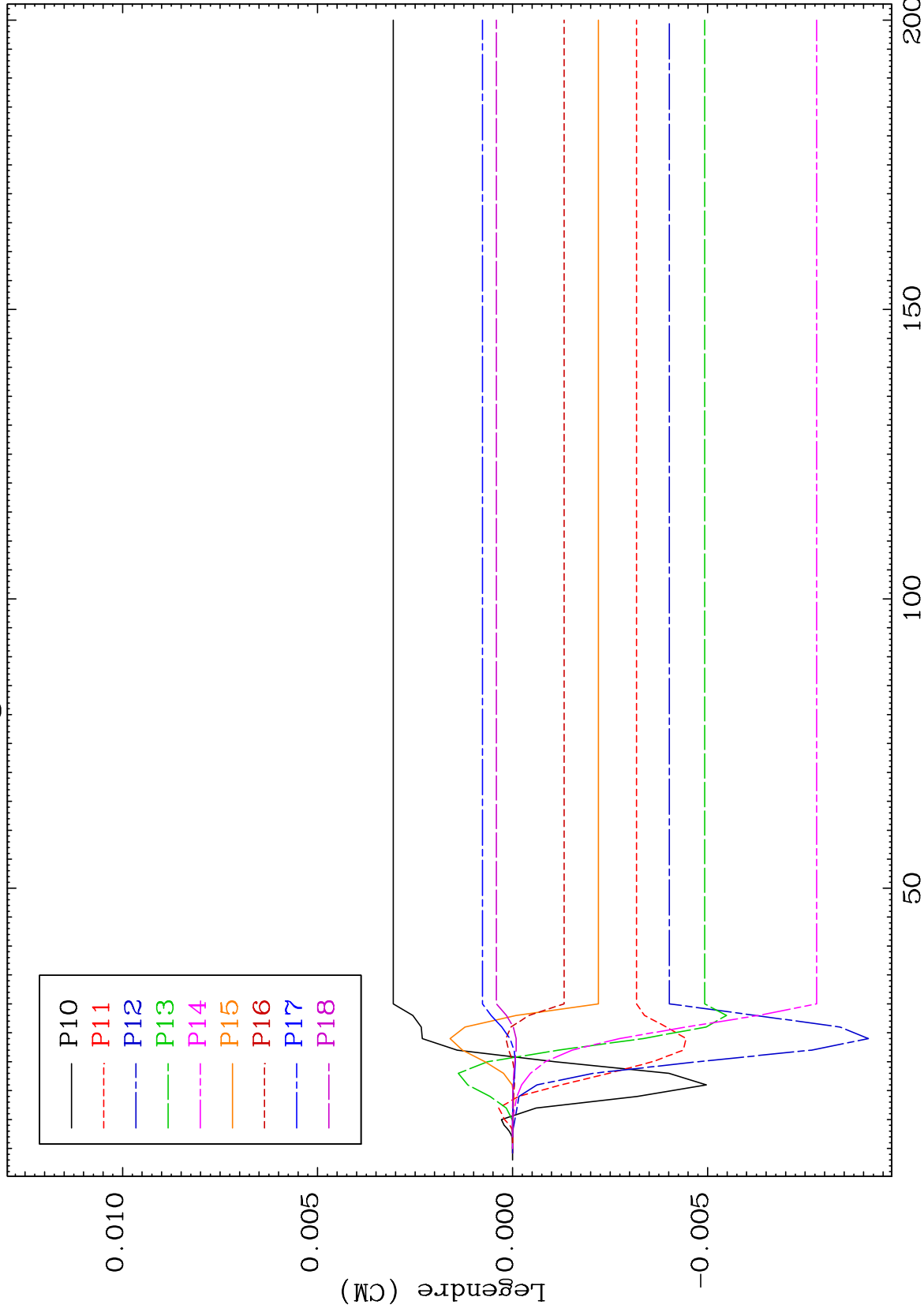
49-In-123



118

Incident Energy (MeV)

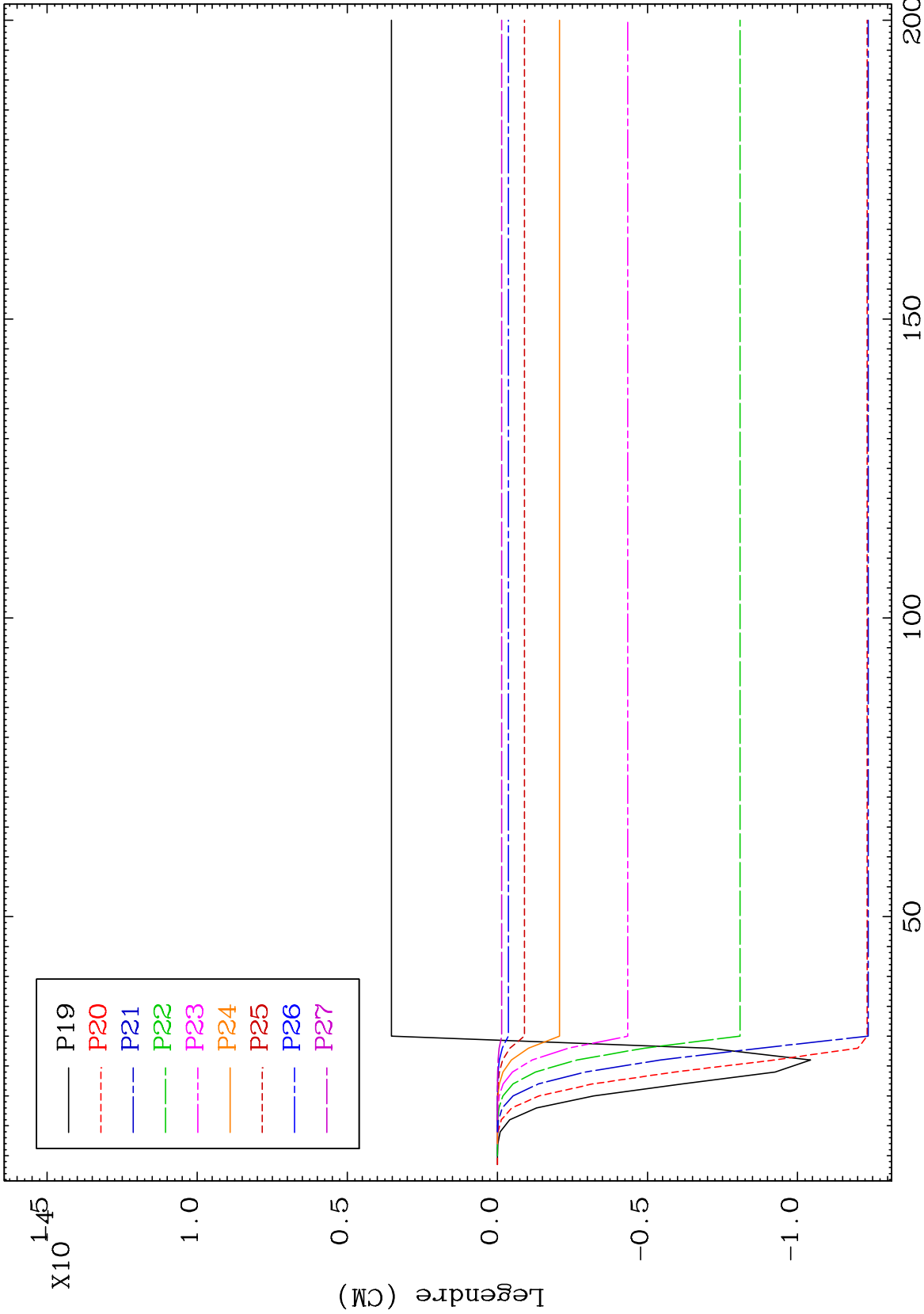
49-In-123



MAT 4955

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

49-In-123

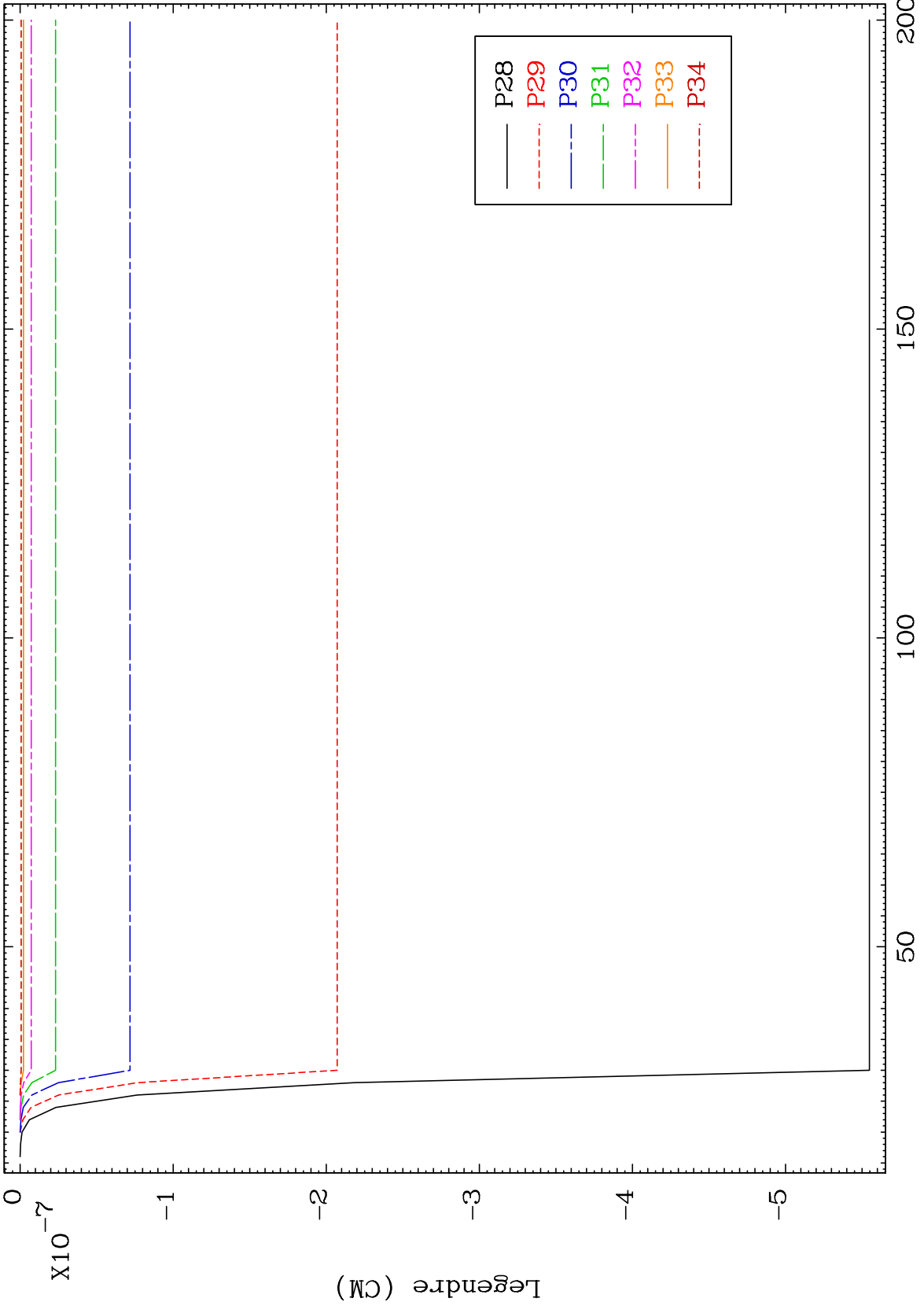


120

Incident Energy (MeV)

49-In-123

MAT 4955 MT= 76 (n,n') Level Legendre Coefficients 49-In-123

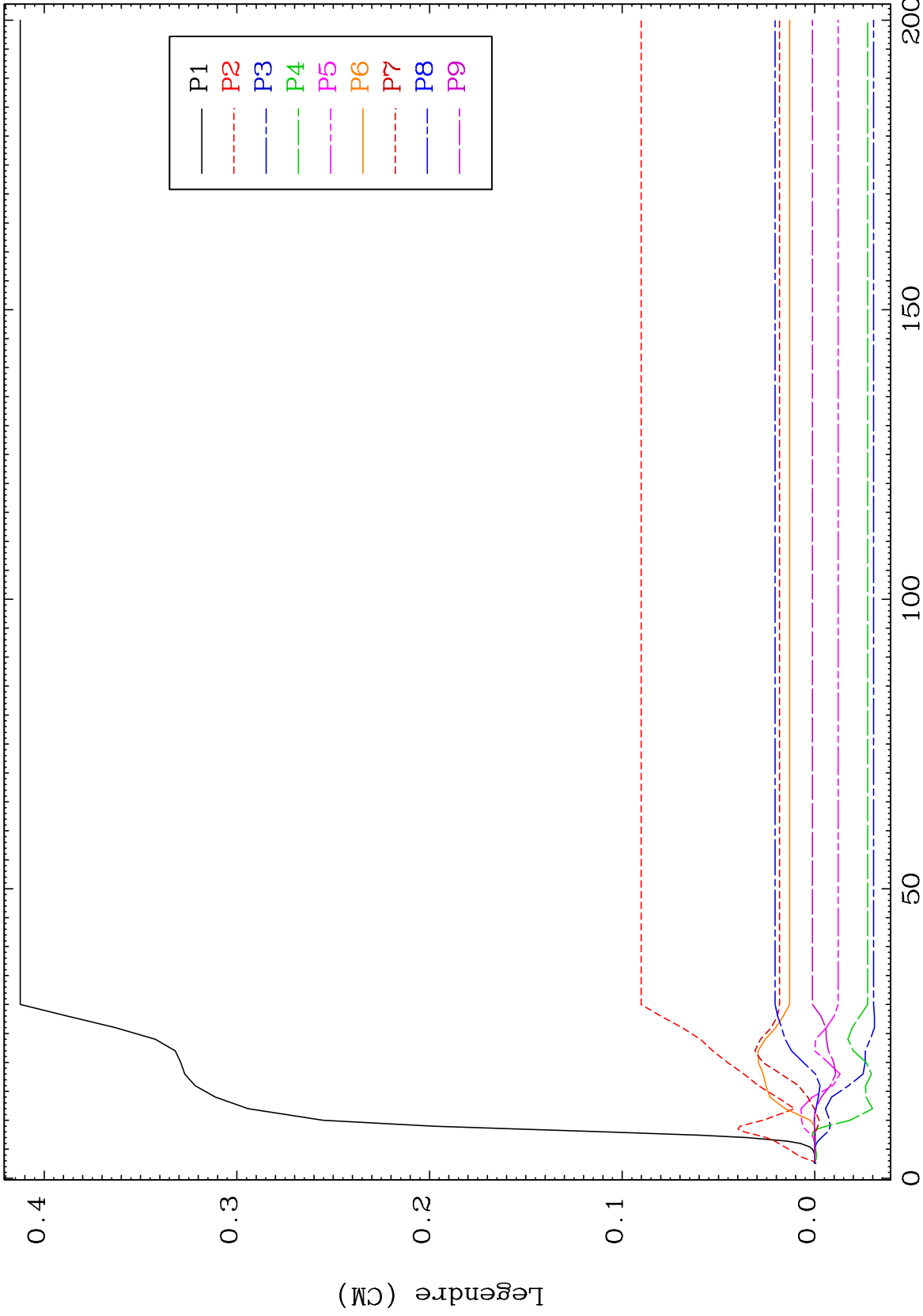


121 49-In-123

MAT 4955

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

49-In-123



122

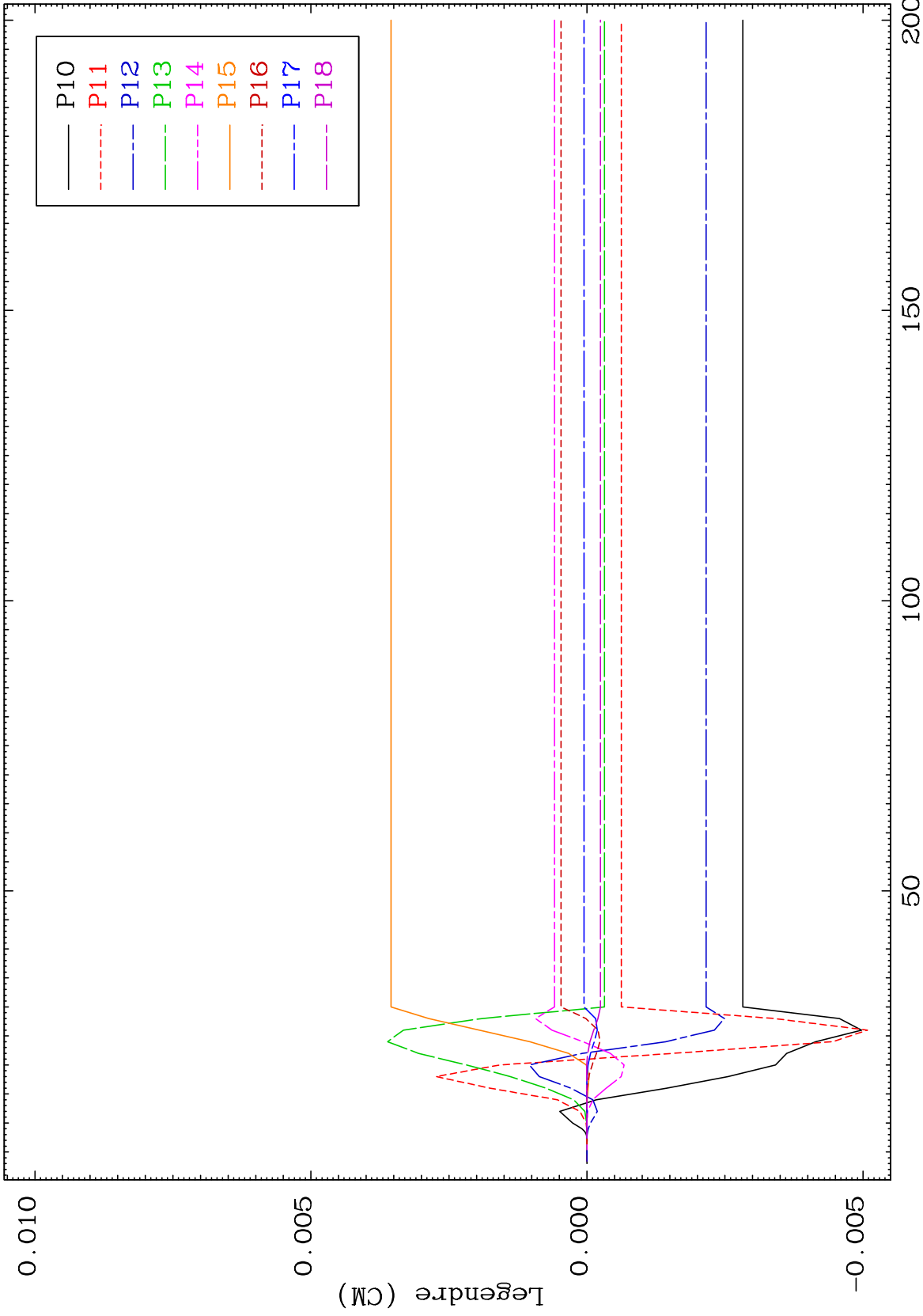
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



123

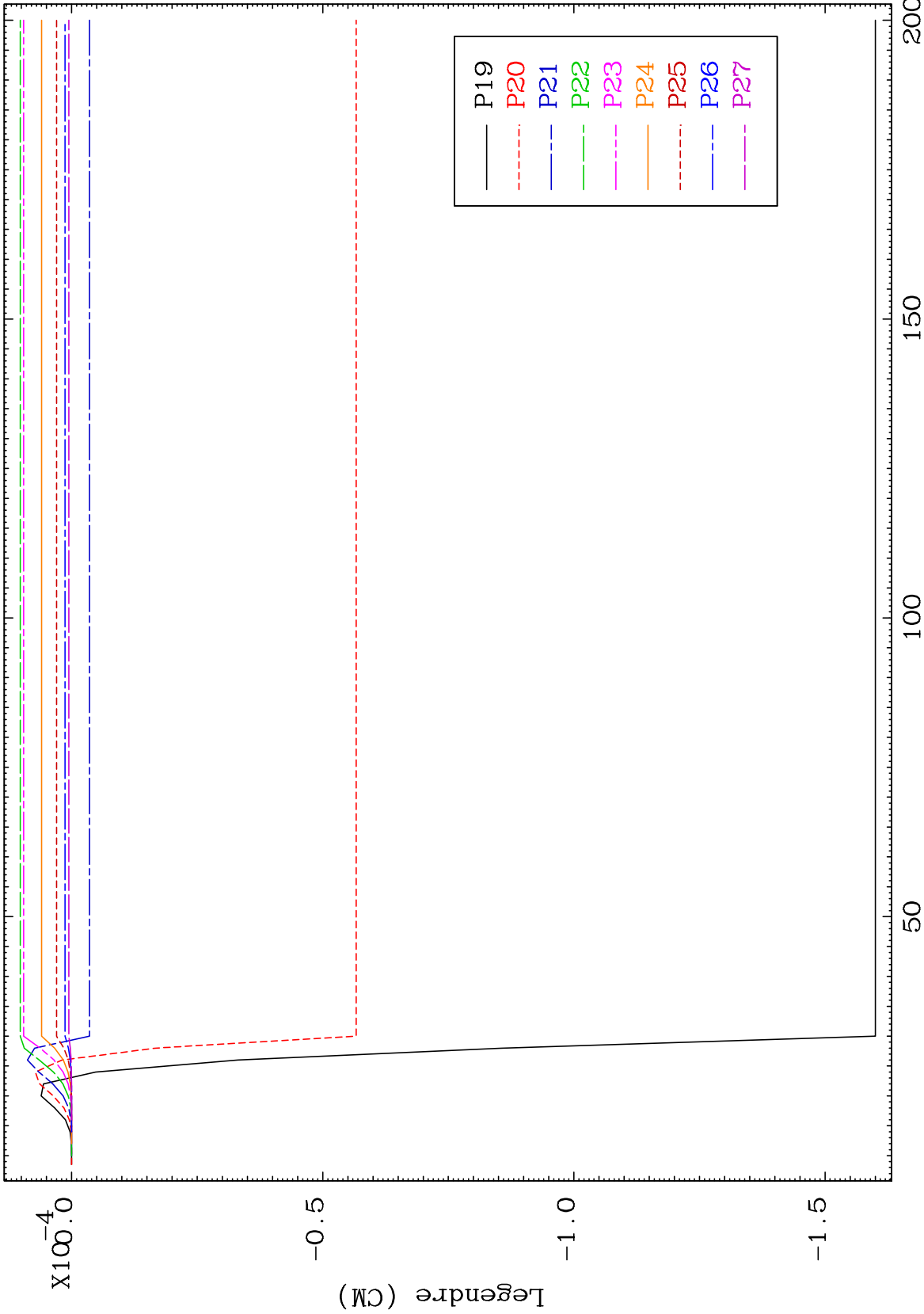
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



124

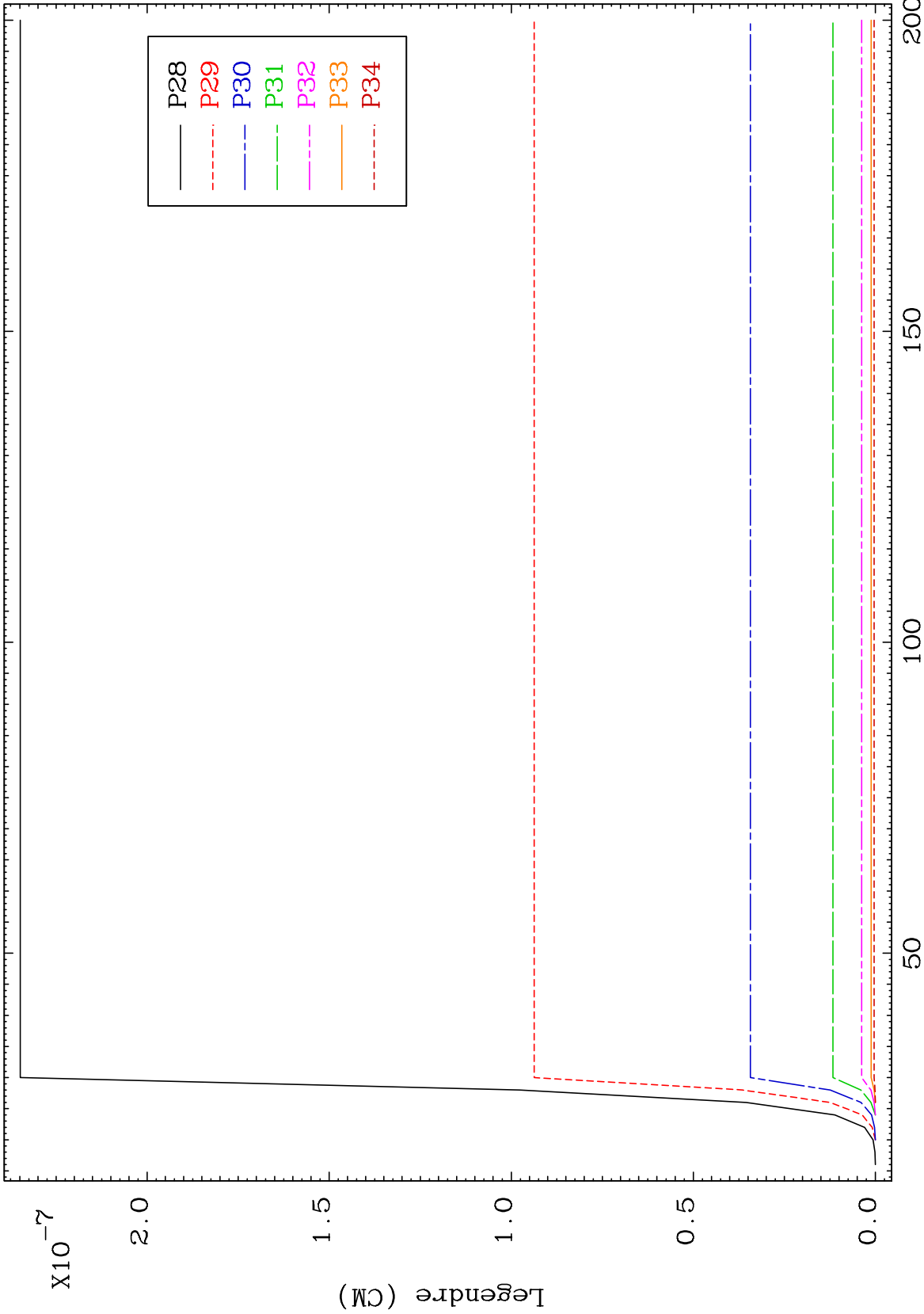
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



125

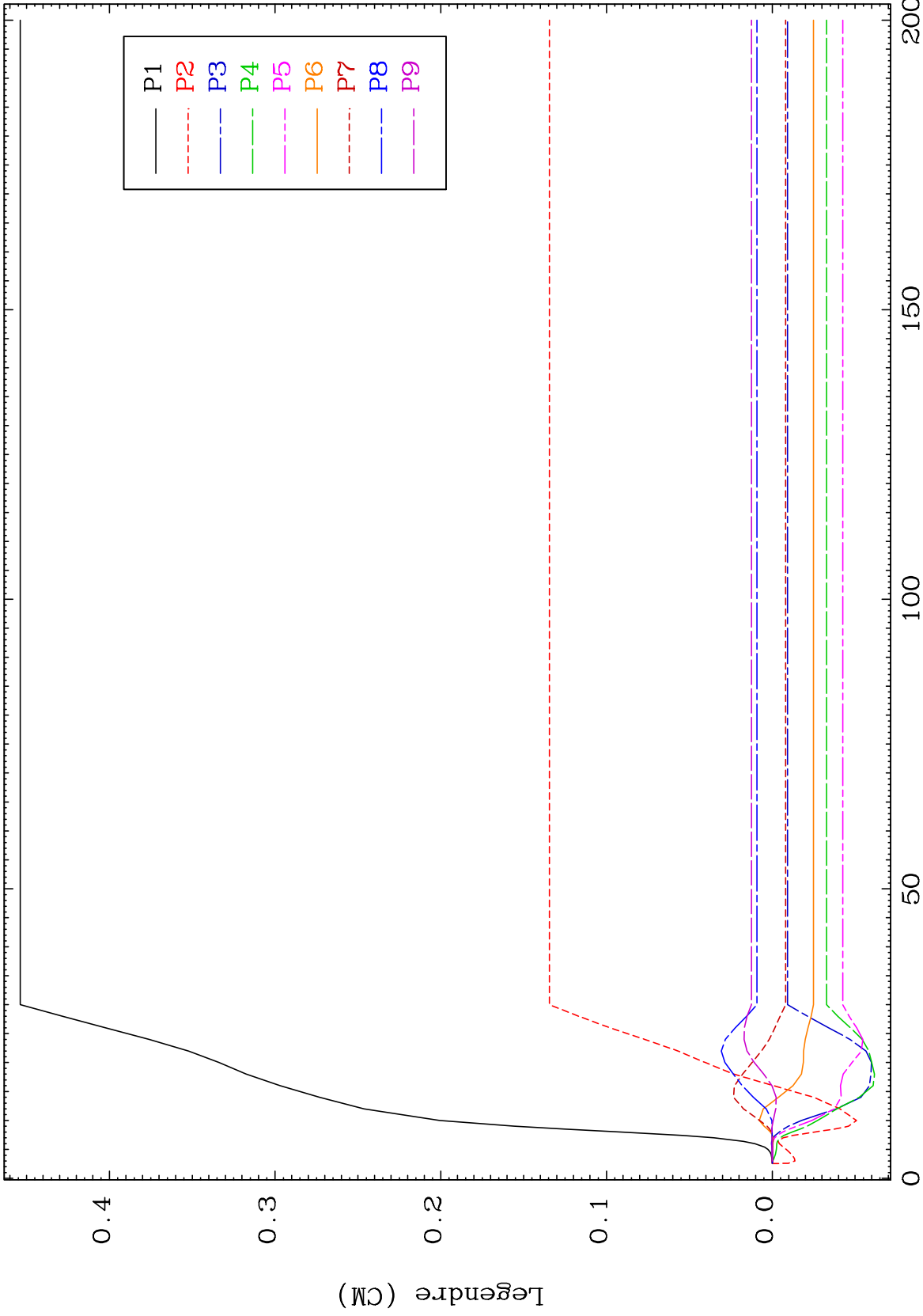
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



126

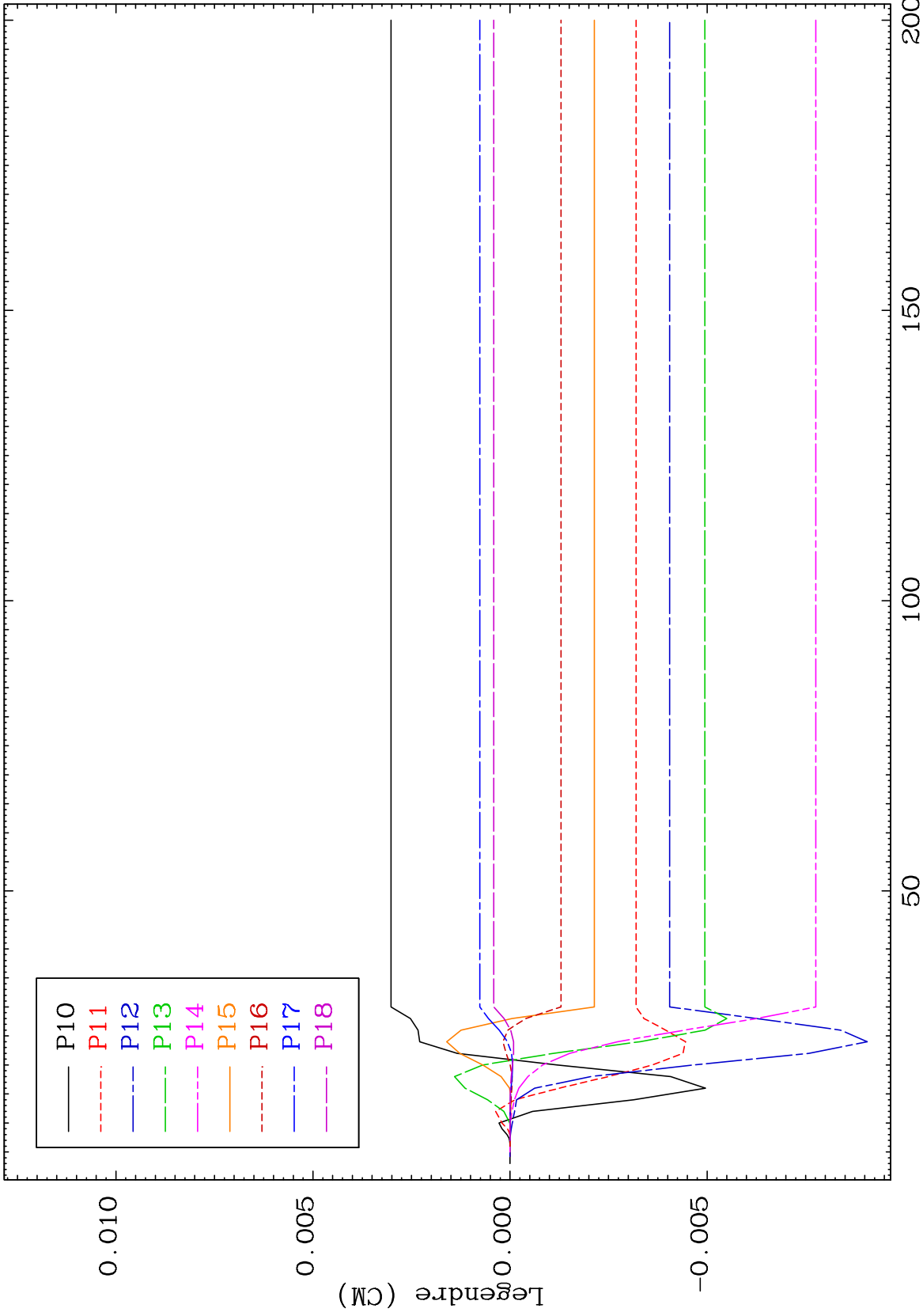
Incident Energy (MeV)

49-In-123

MAT 4955

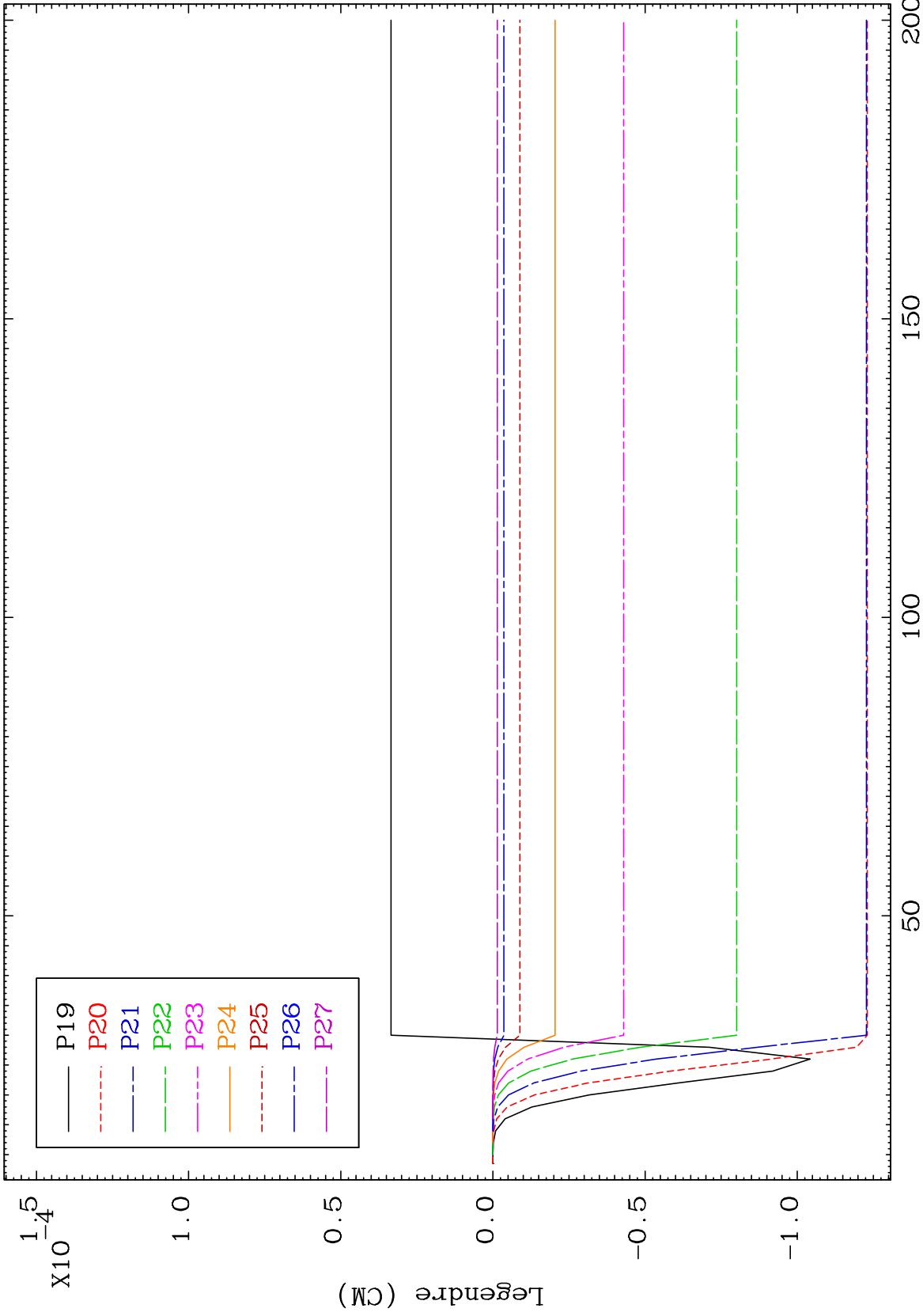
MT= 78 (n,n') Level
Legendre Coefficients

49-In-123



127

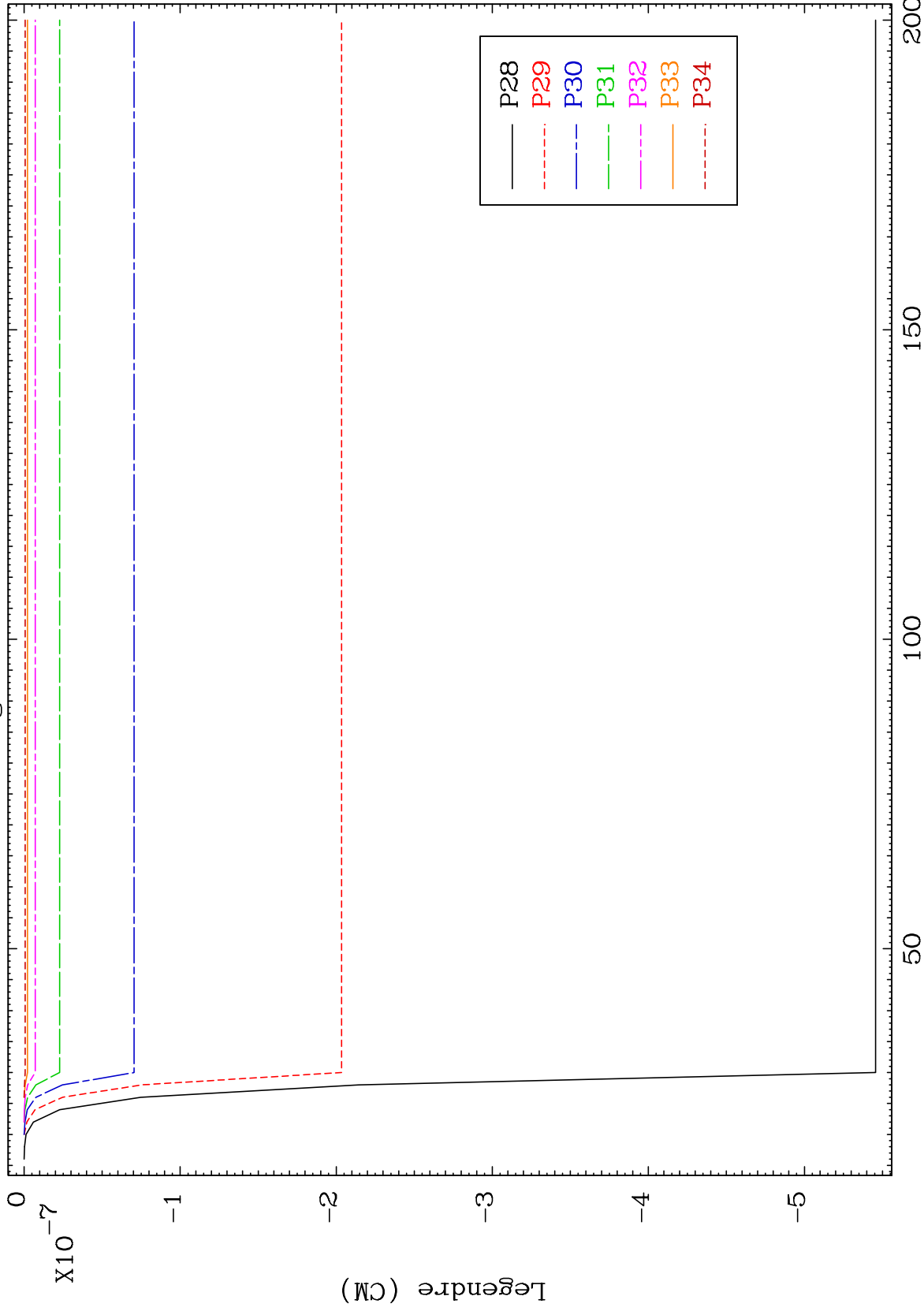
49-In-123



MAT 4955

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

49-In-123



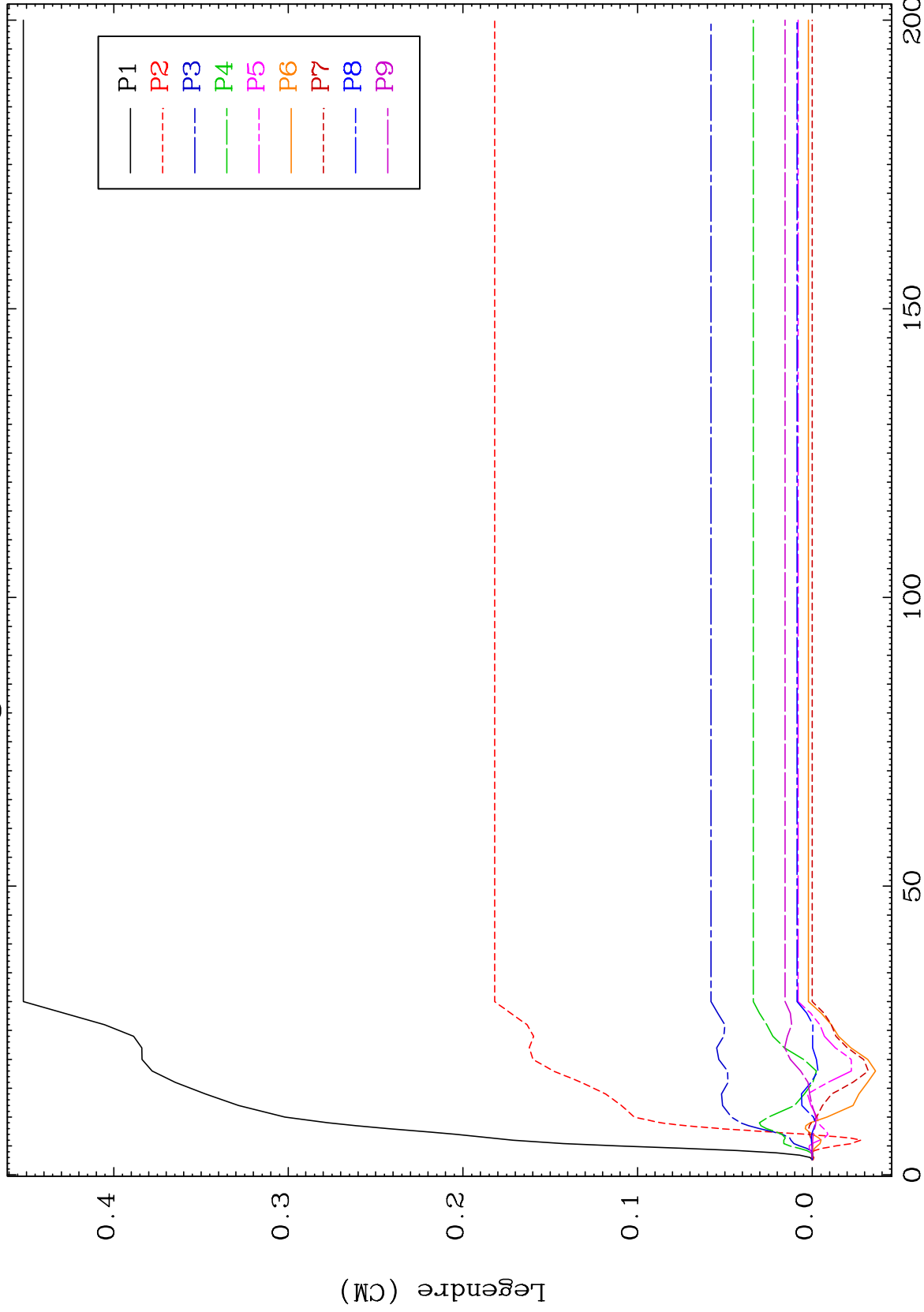
129

49-In-123

MAT 4955

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

49-In-123



130

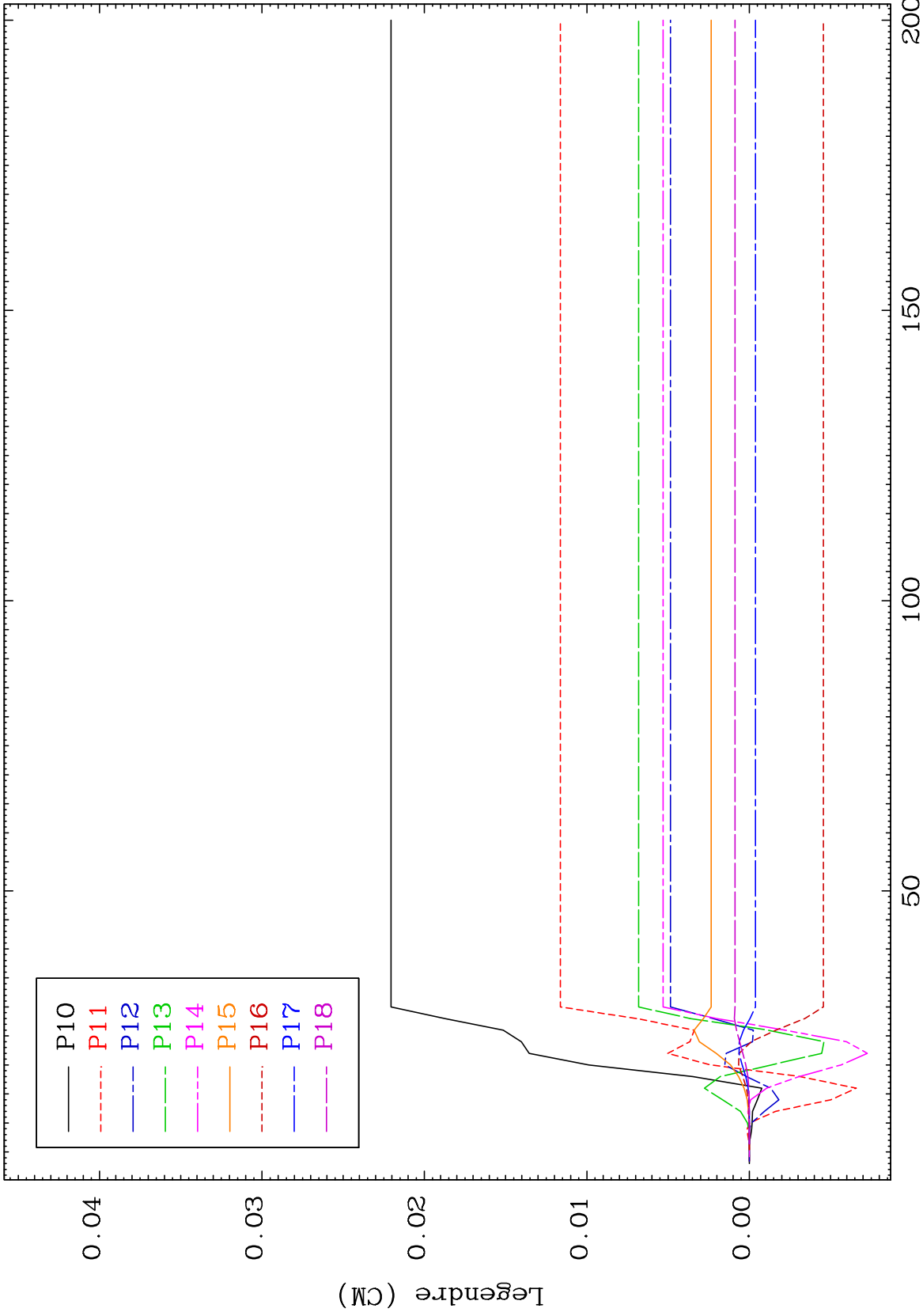
Incident Energy (MeV)

49-In-123

MAT 4955

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

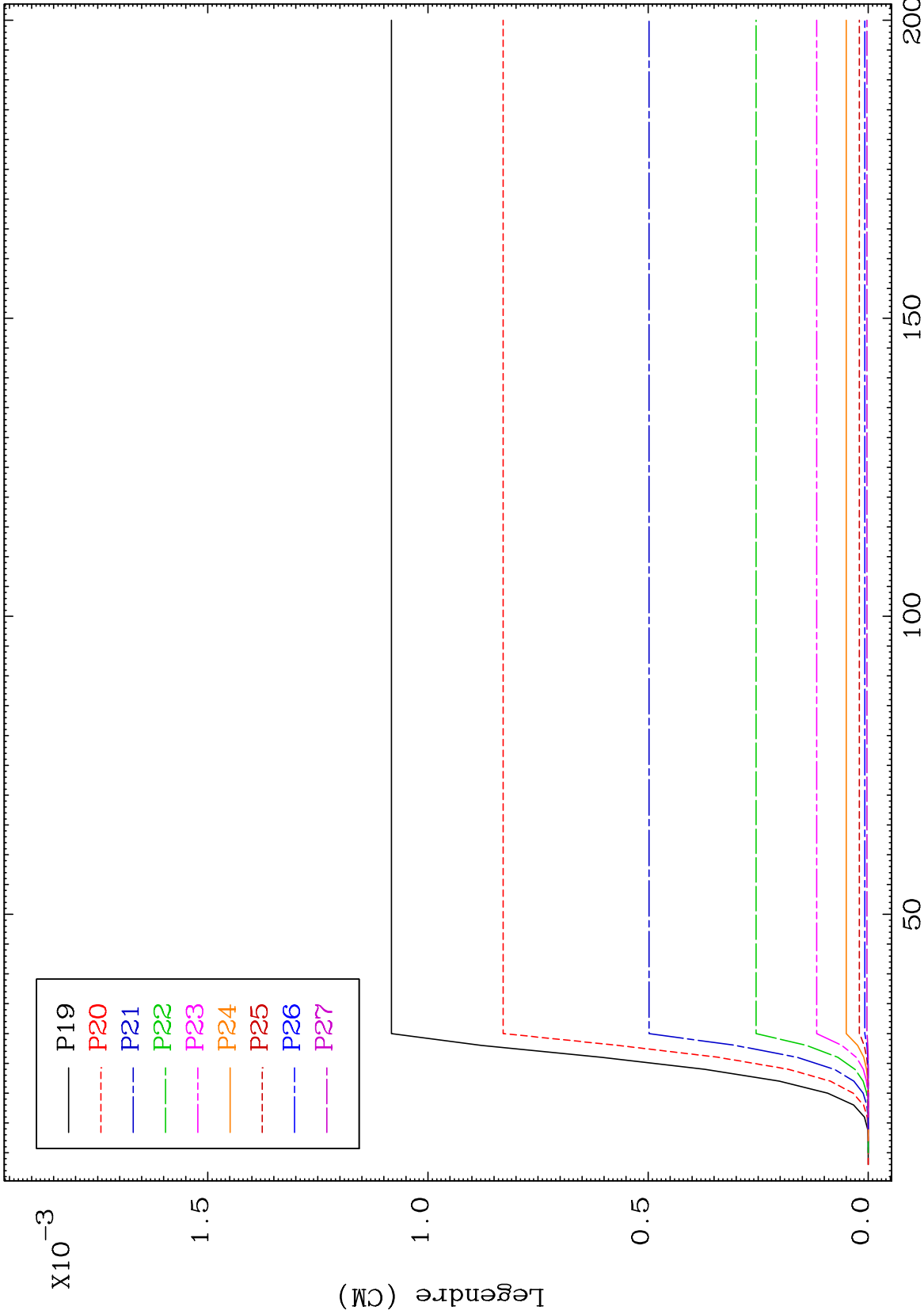
49-In-123



131

Incident Energy (MeV)

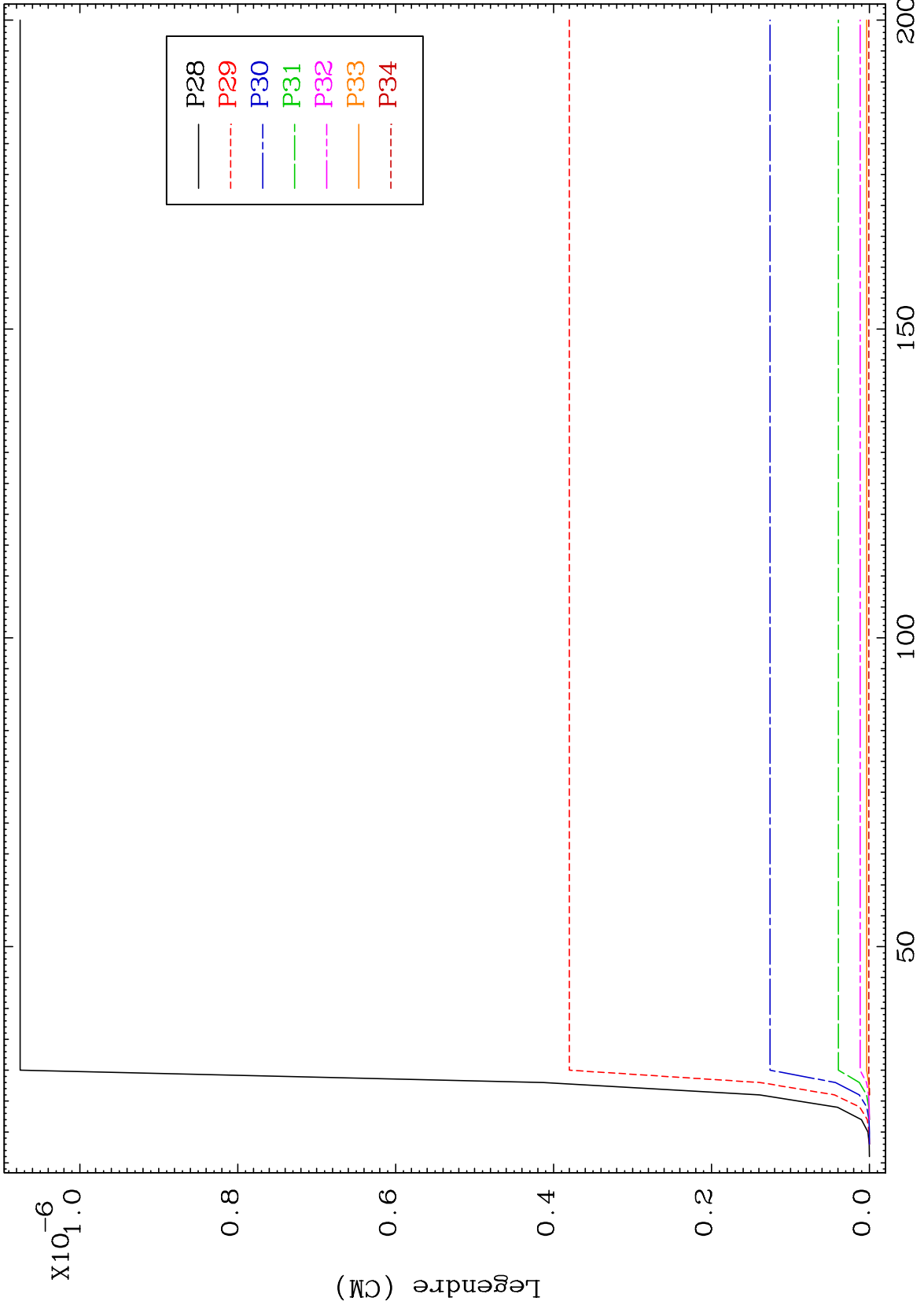
49-In-123



MAT 4955

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

49-In-123



133

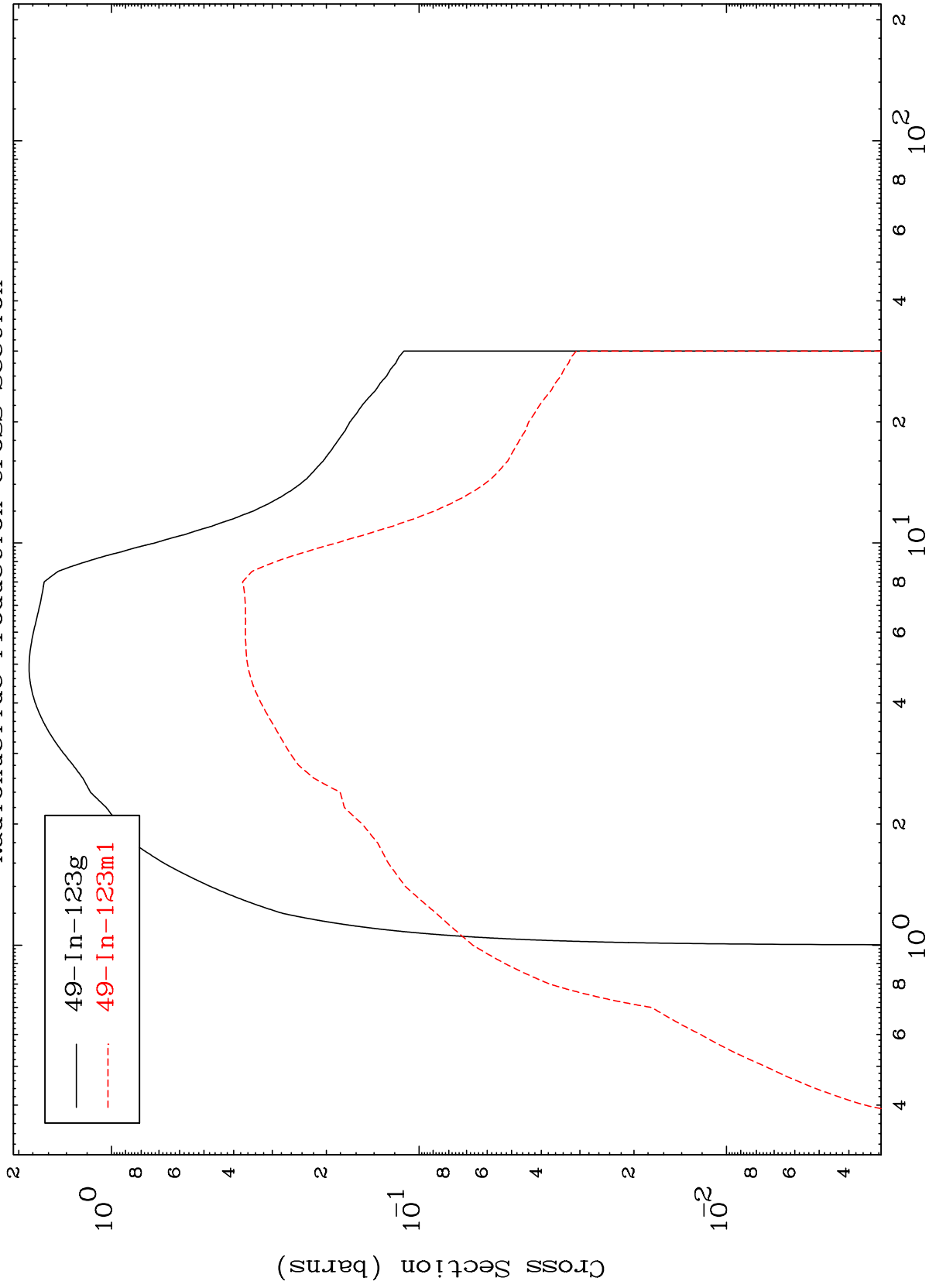
Incident Energy (MeV)

49-In-123

MAT 4955

Inelastic
Radionuclide Production Cross Section

49-In-123



134

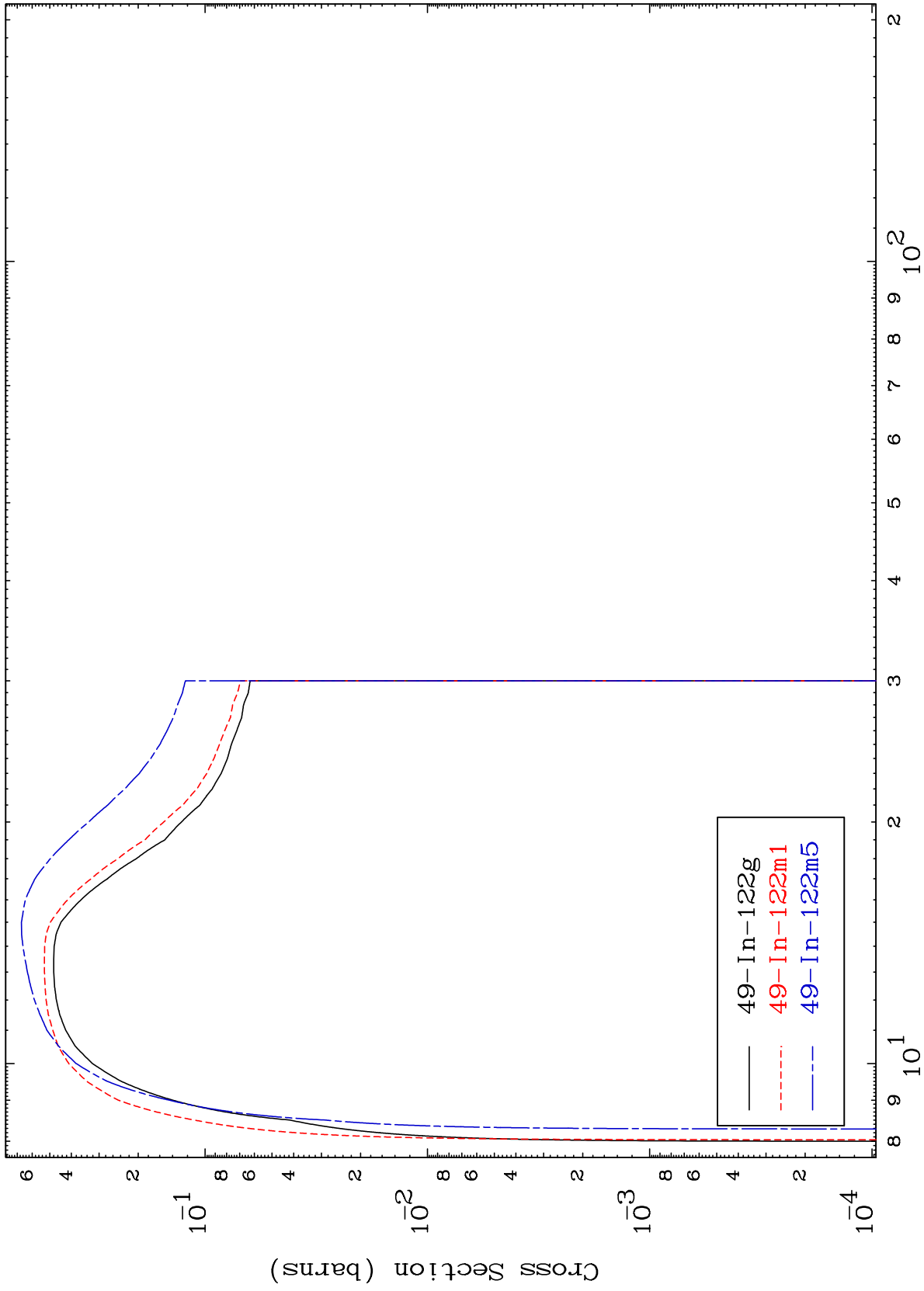
Incident Energy (MeV)

49-In-123

MAT 4955

49-In-123

Radionuclide Production Cross Section
(n,2n)



135

Incident Energy (MeV)

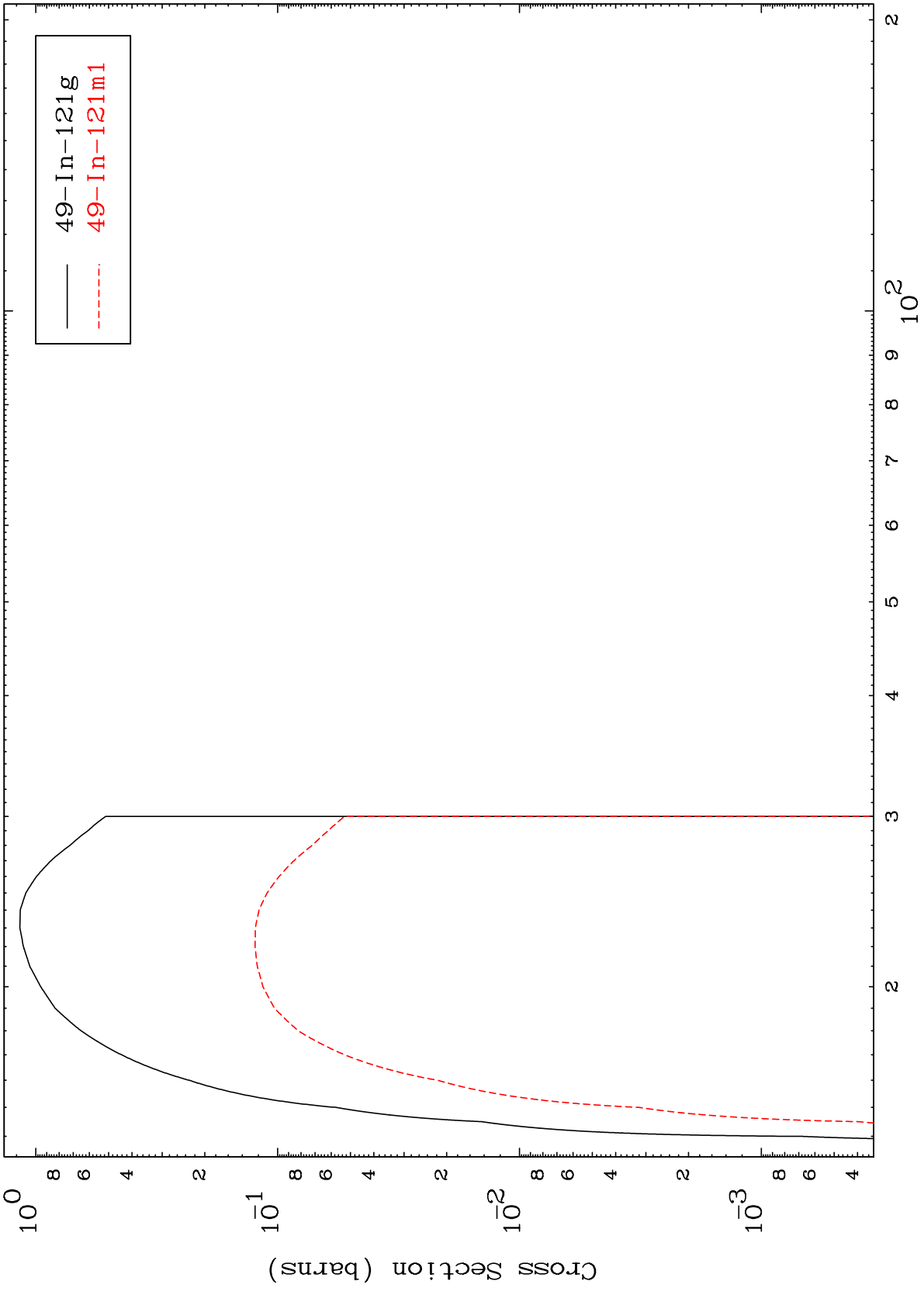
49-In-123

MAT 4955

(n,3n)

49-In-123

Radionuclide Production Cross Section



136

Incident Energy (MeV)

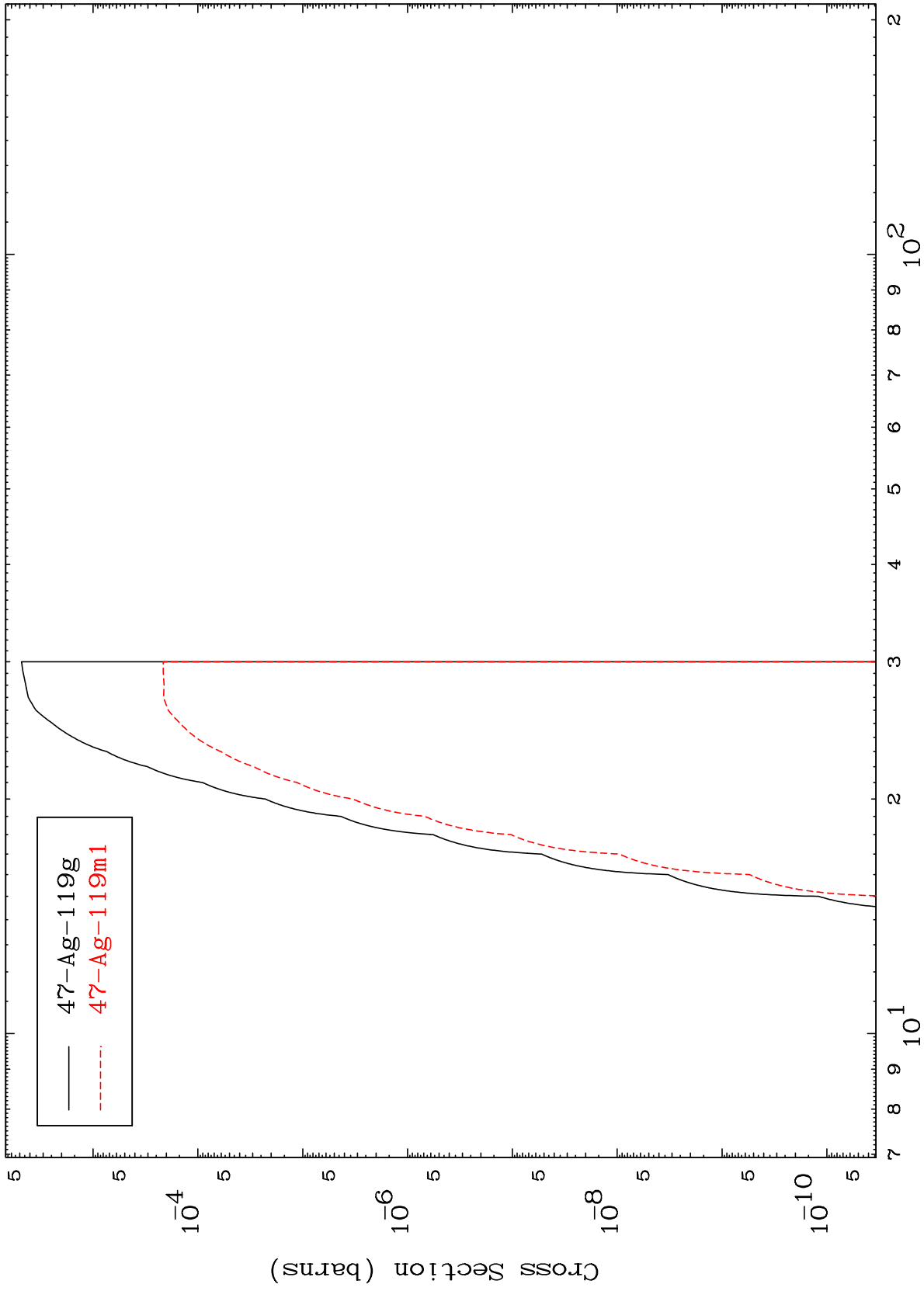
49-In-123

MAT 4955

(n,n') α

49-In-123

Radionuclide Production Cross Section



137

Incident Energy (MeV)

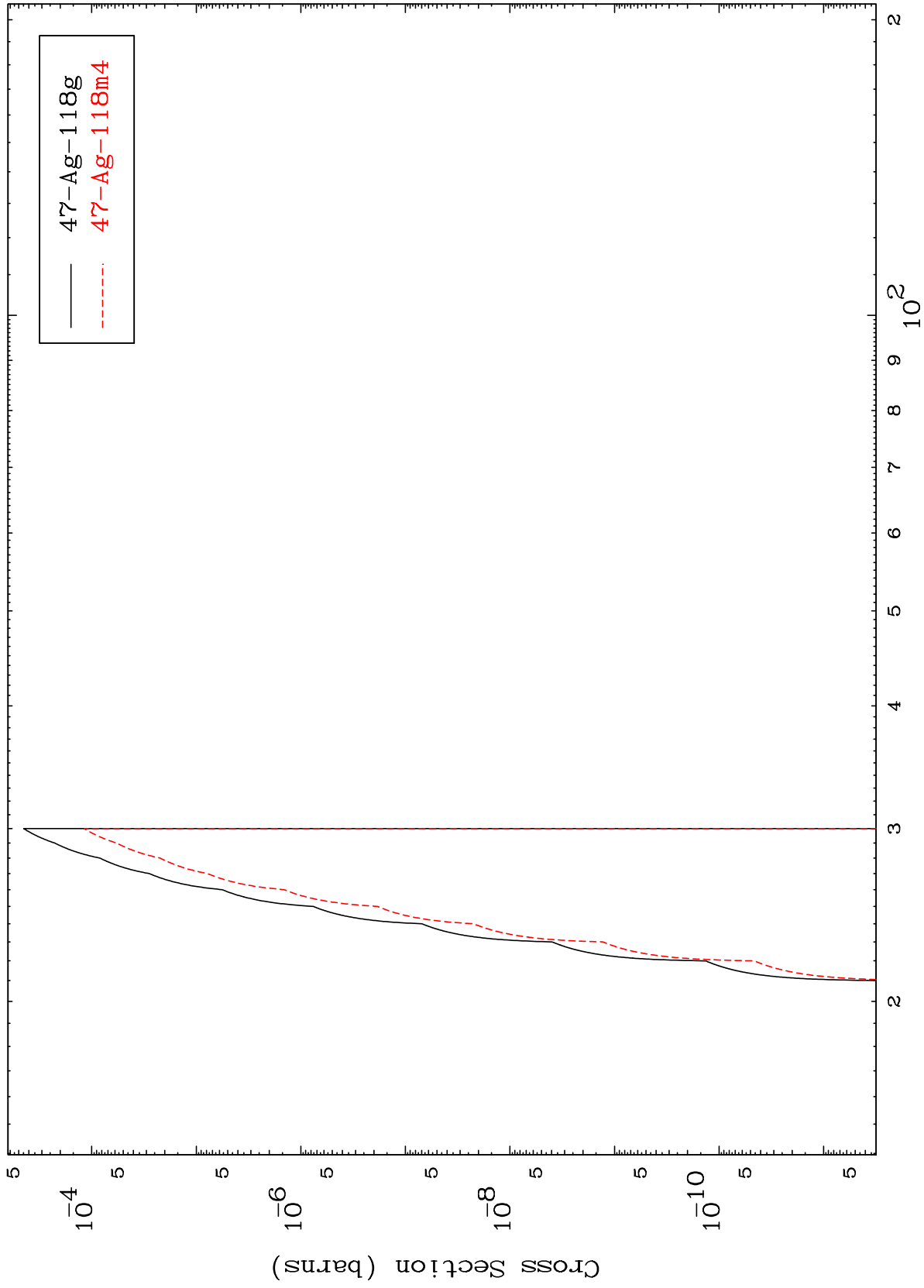
49-In-123

MAT 4955

(n,2n) α

49-In-123

Radionuclide Production Cross Section



138

Incident Energy (MeV)

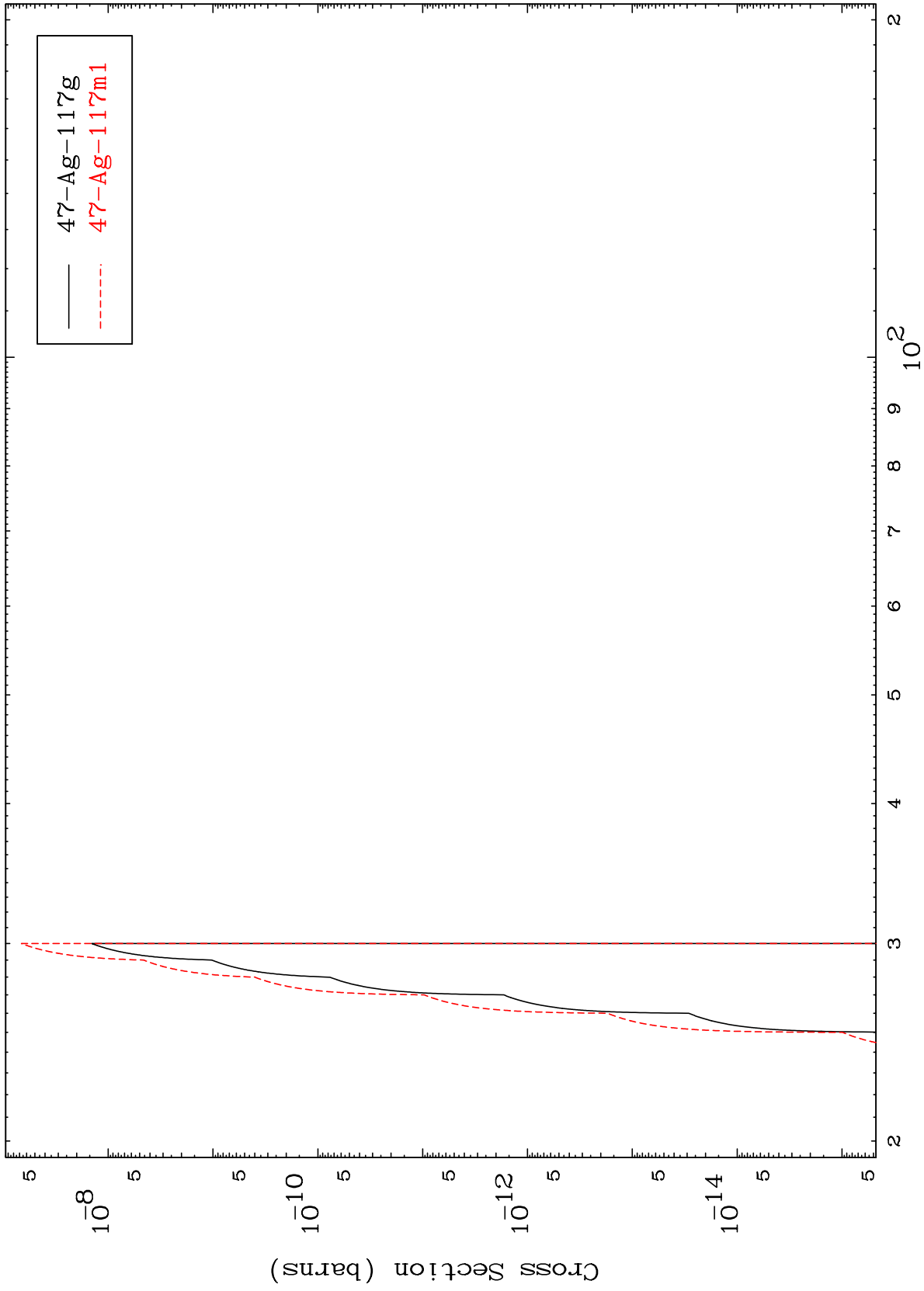
49-In-123

MAT 4955

(n,3n) α

49-In-123

Radionuclide Production Cross Section



139

Incident Energy (MeV)

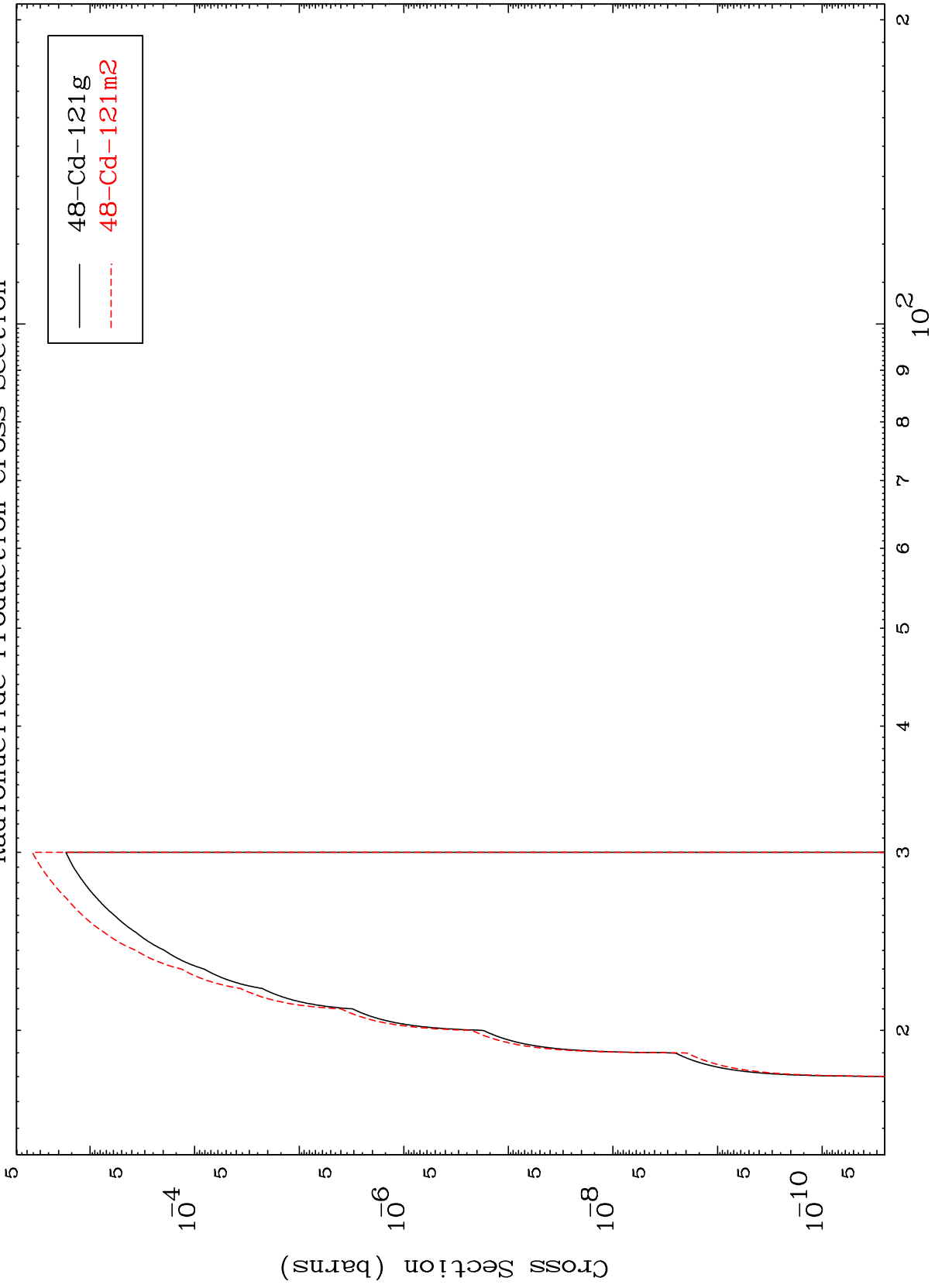
49-In-123

MAT 4955

(n,n') d

49-In-123

Radionuclide Production Cross Section



140

Incident Energy (MeV)

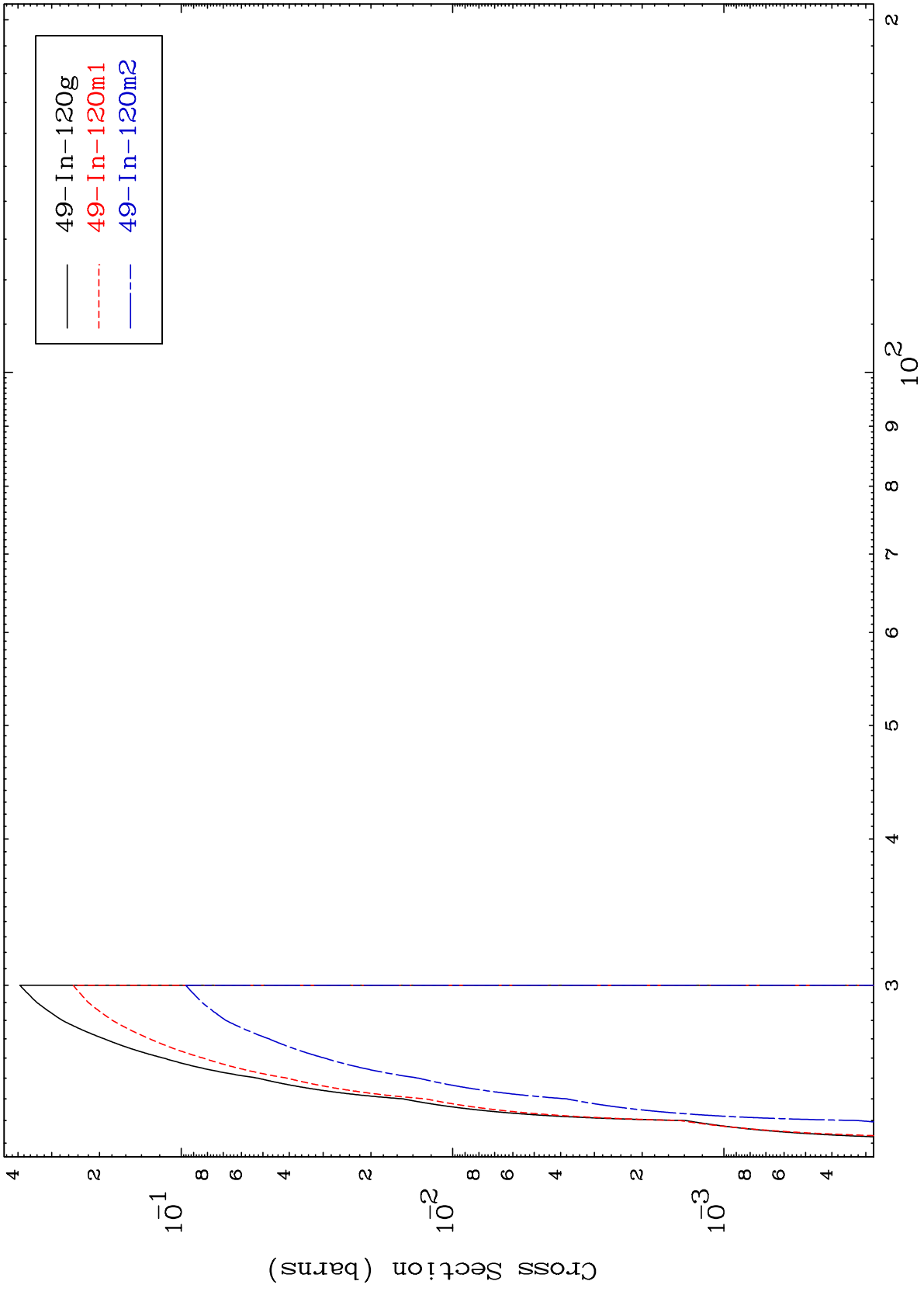
49-In-123

MAT 4955

(n,4n)

49-In-123

Radionuclide Production Cross Section



141

Incident Energy (MeV)

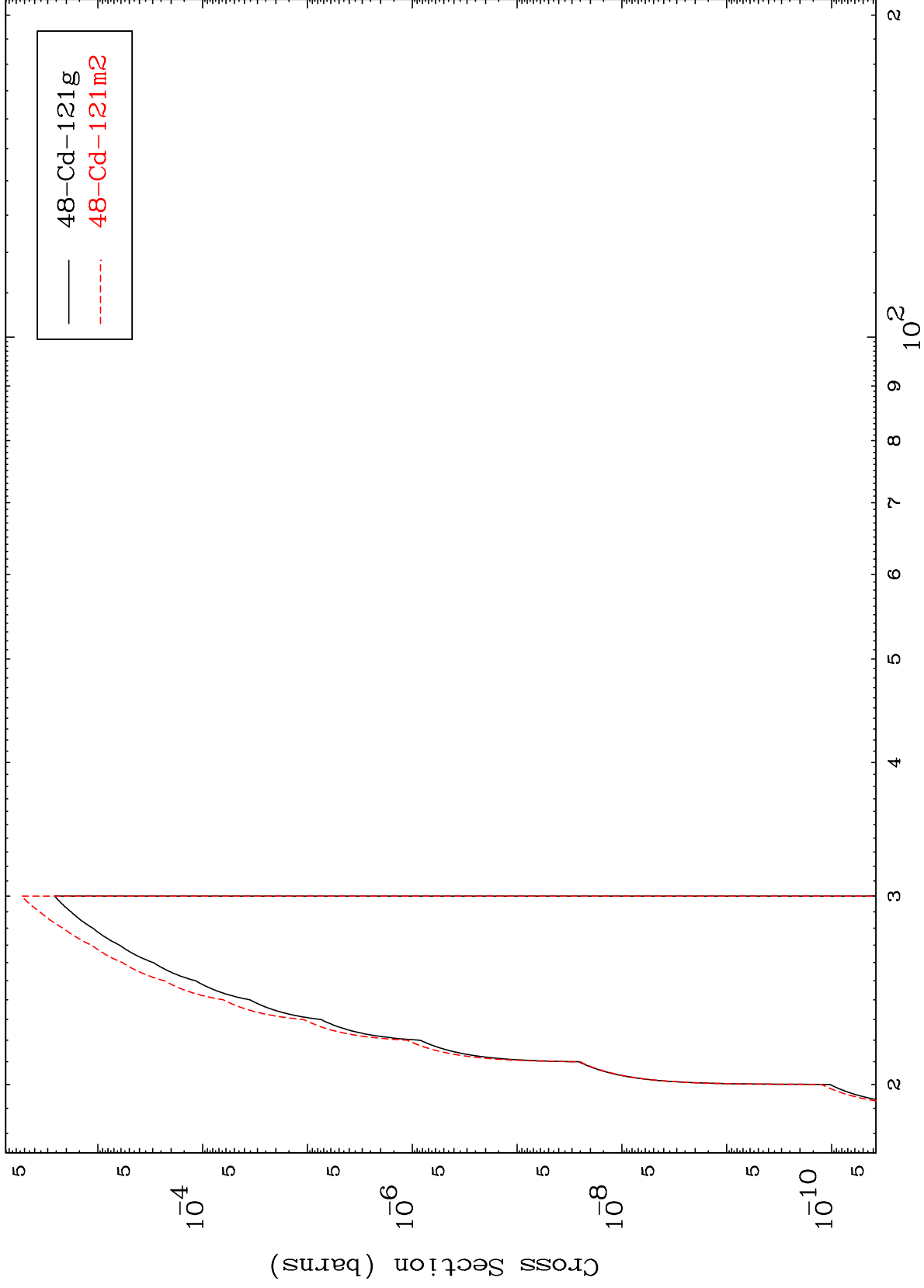
49-In-123

MAT 4955

(n,2n) p

49-In-123

Radionuclide Production Cross Section



142

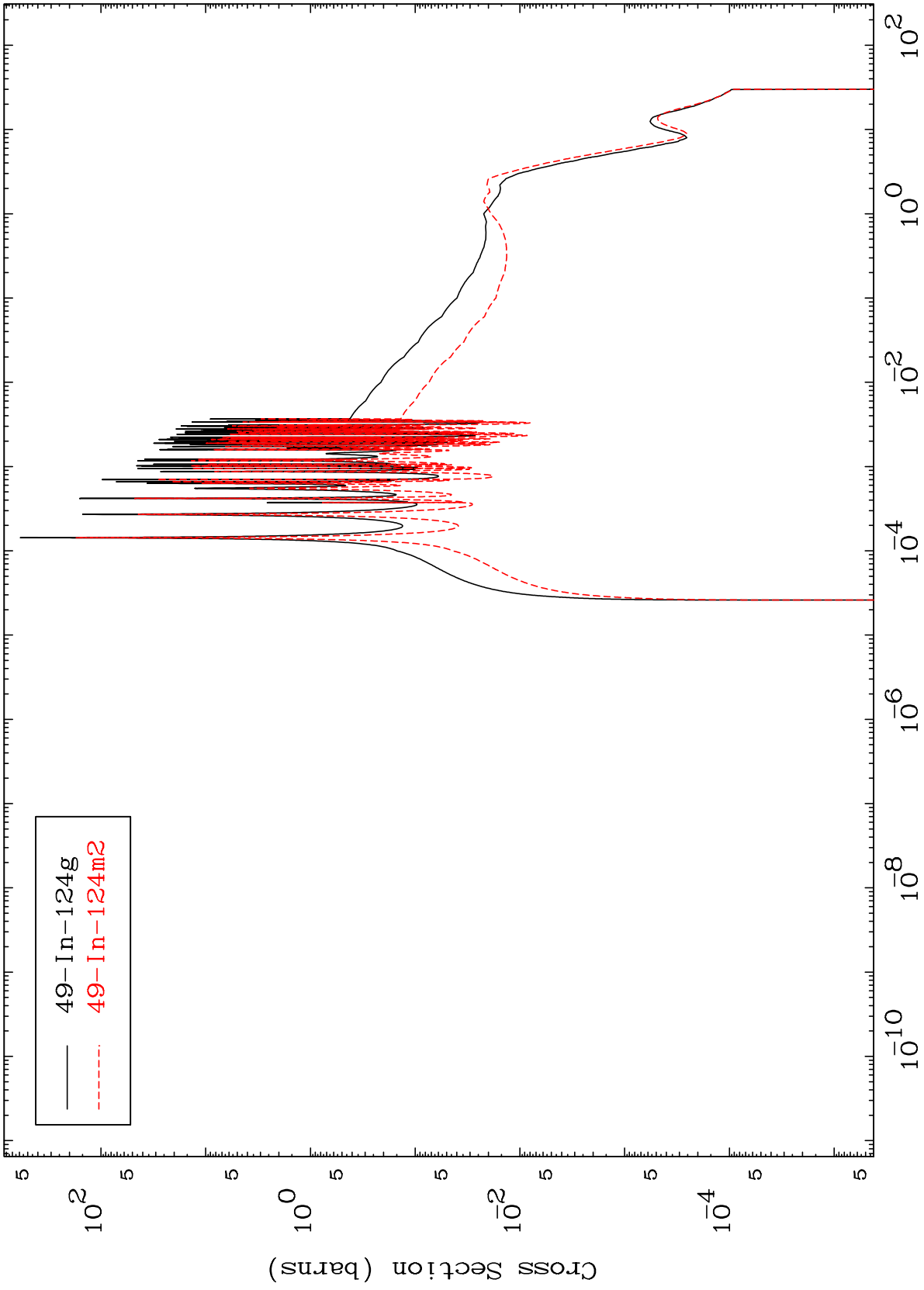
Incident Energy (MeV)

49-In-123

MAT 4955

49-In-123

Radionuclide Production Cross Section (n,γ)

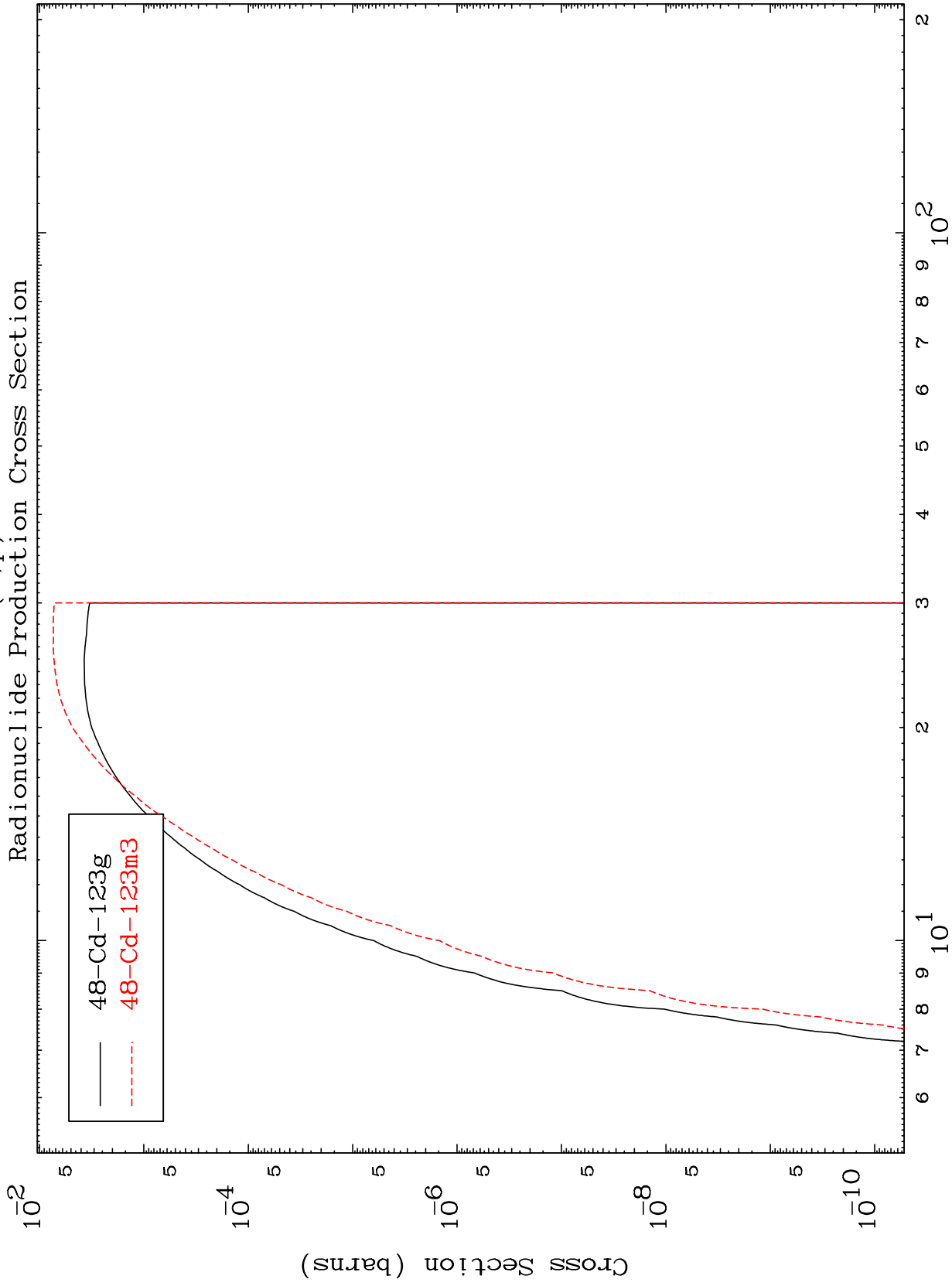


143

49-In-123

MAT 4955

49-In-123



48-Cd-123g
48-Cd-123m3

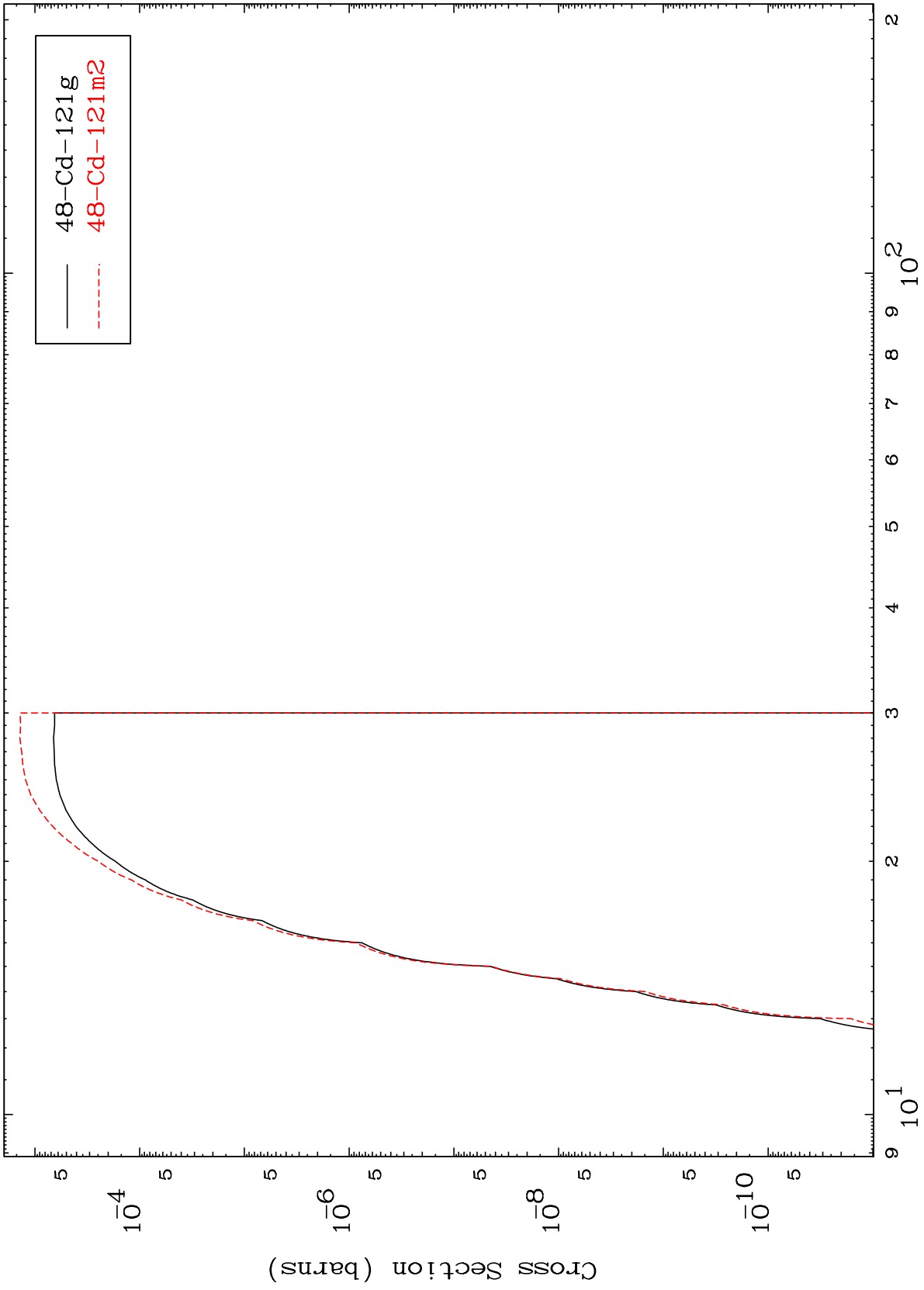
144

49-In-123

MAT 4955

49-In-123

(n, t)
Radionuclide Production Cross Section



145

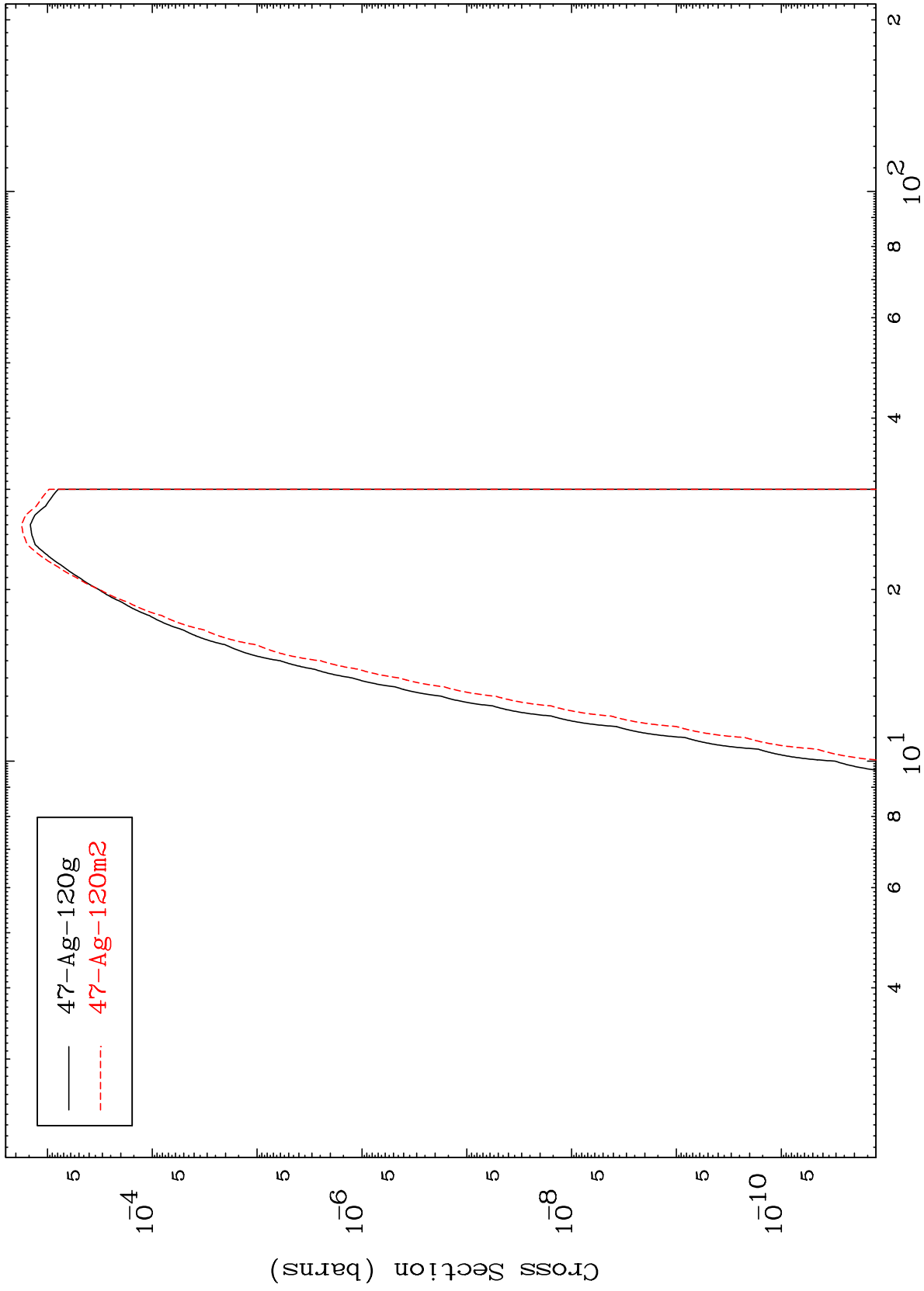
Incident Energy (MeV)

49-In-123

MAT 4955

49-In-123

(n,α)
Radionuclide Production Cross Section



146

49-In-123