

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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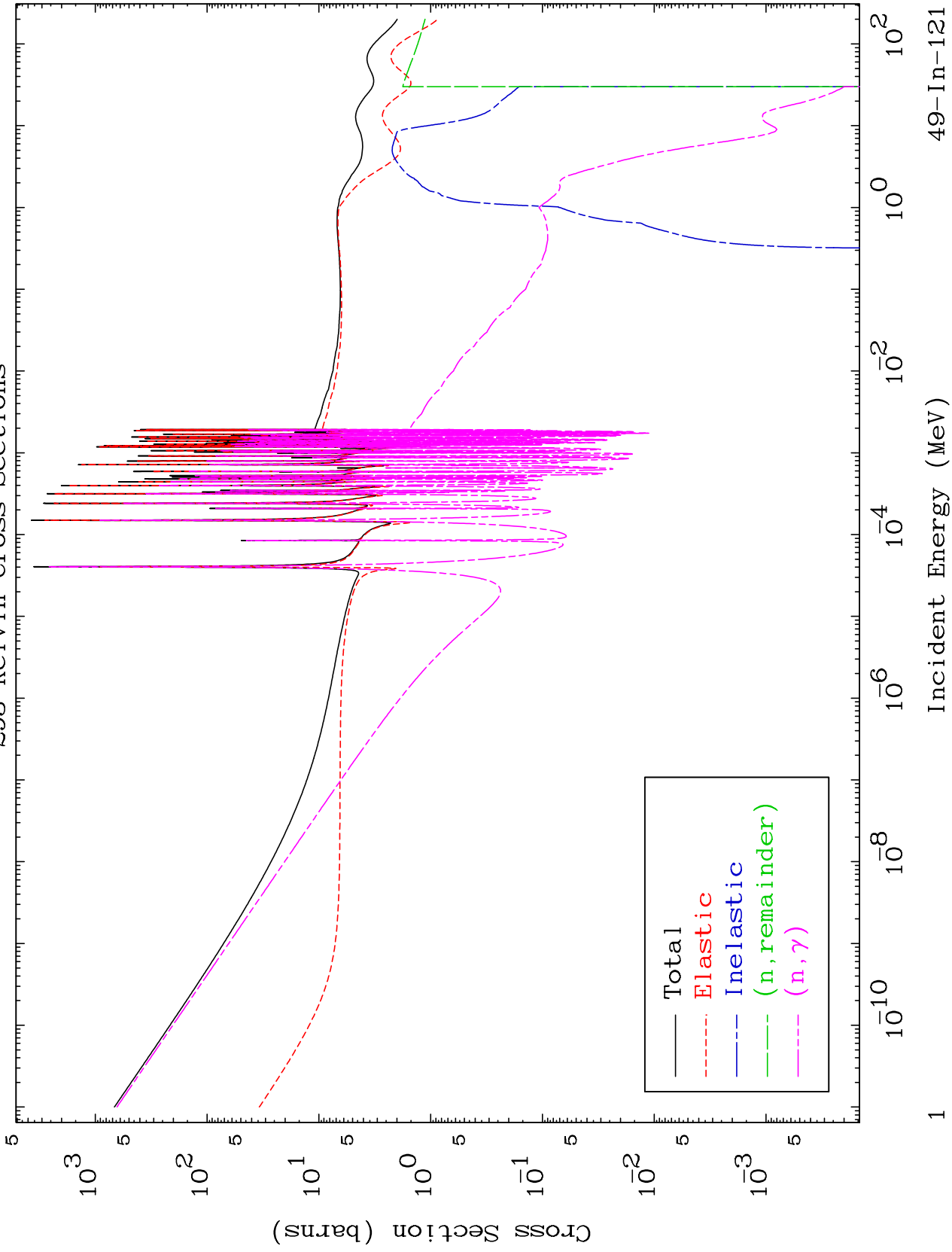
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4949

Major
293 Kelvin Cross Sections

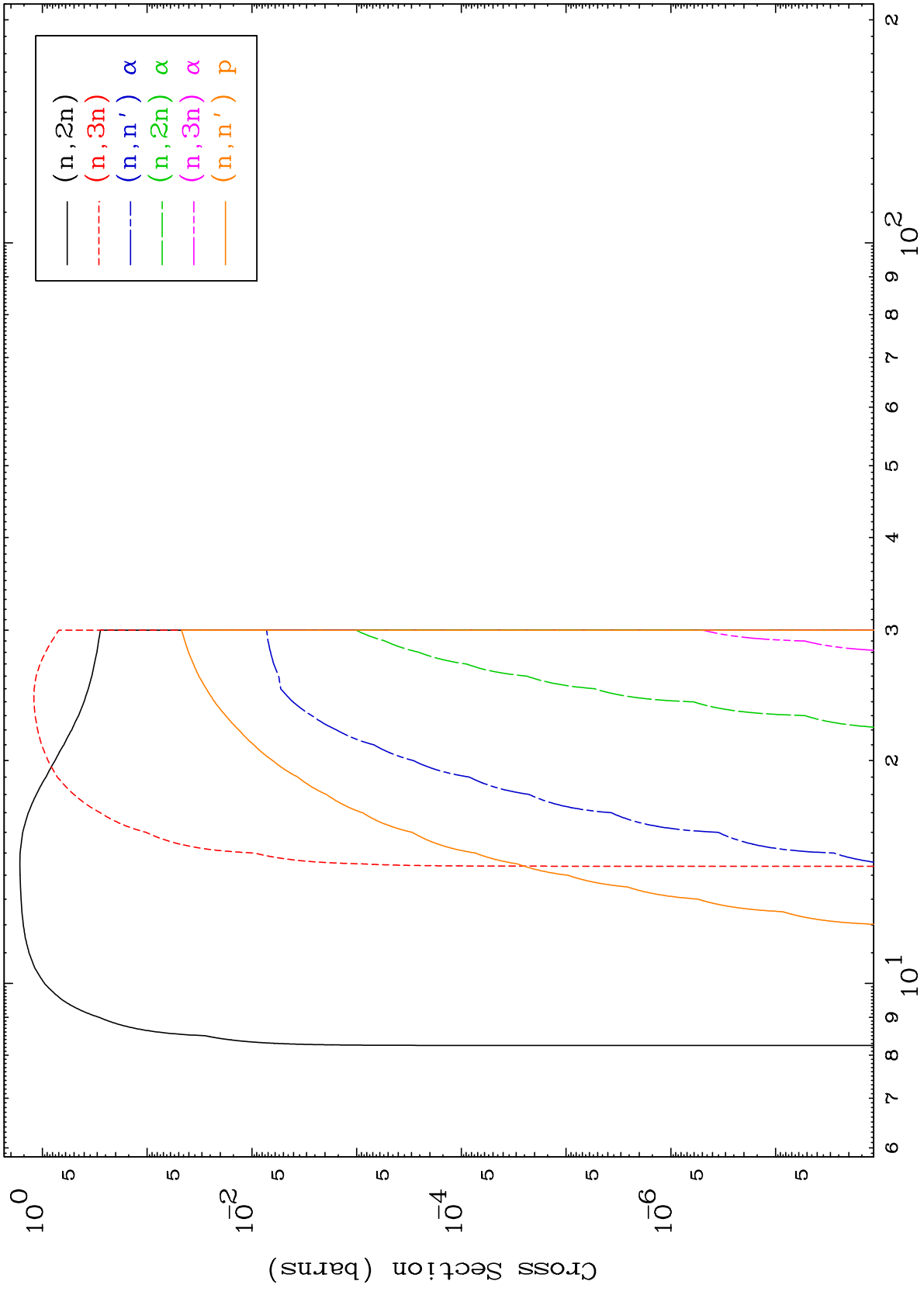
49-In-121



MAT 4949

Neutron Production
293 Kelvin Cross Sections

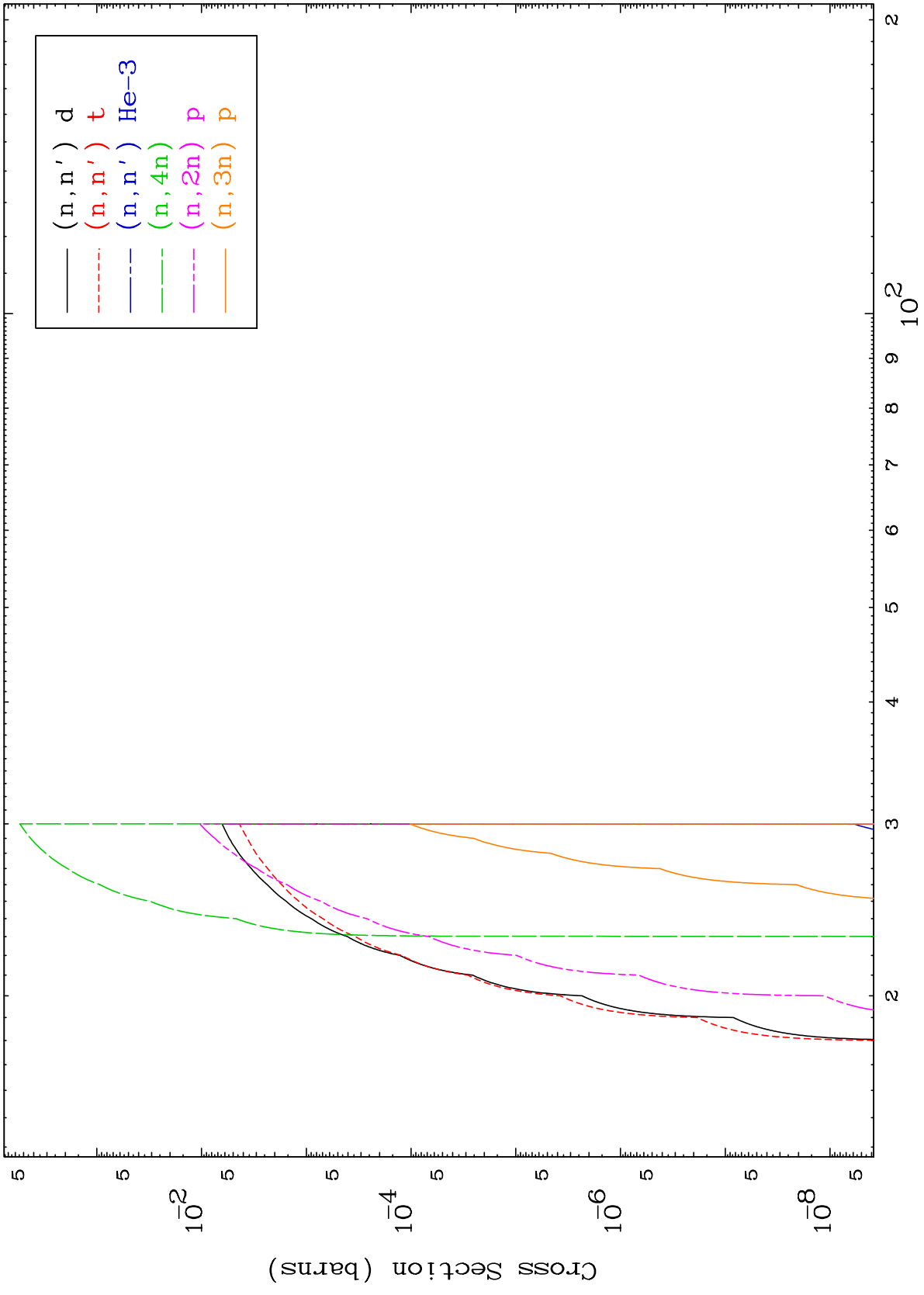
49-In-121



2

Incident Energy (MeV)

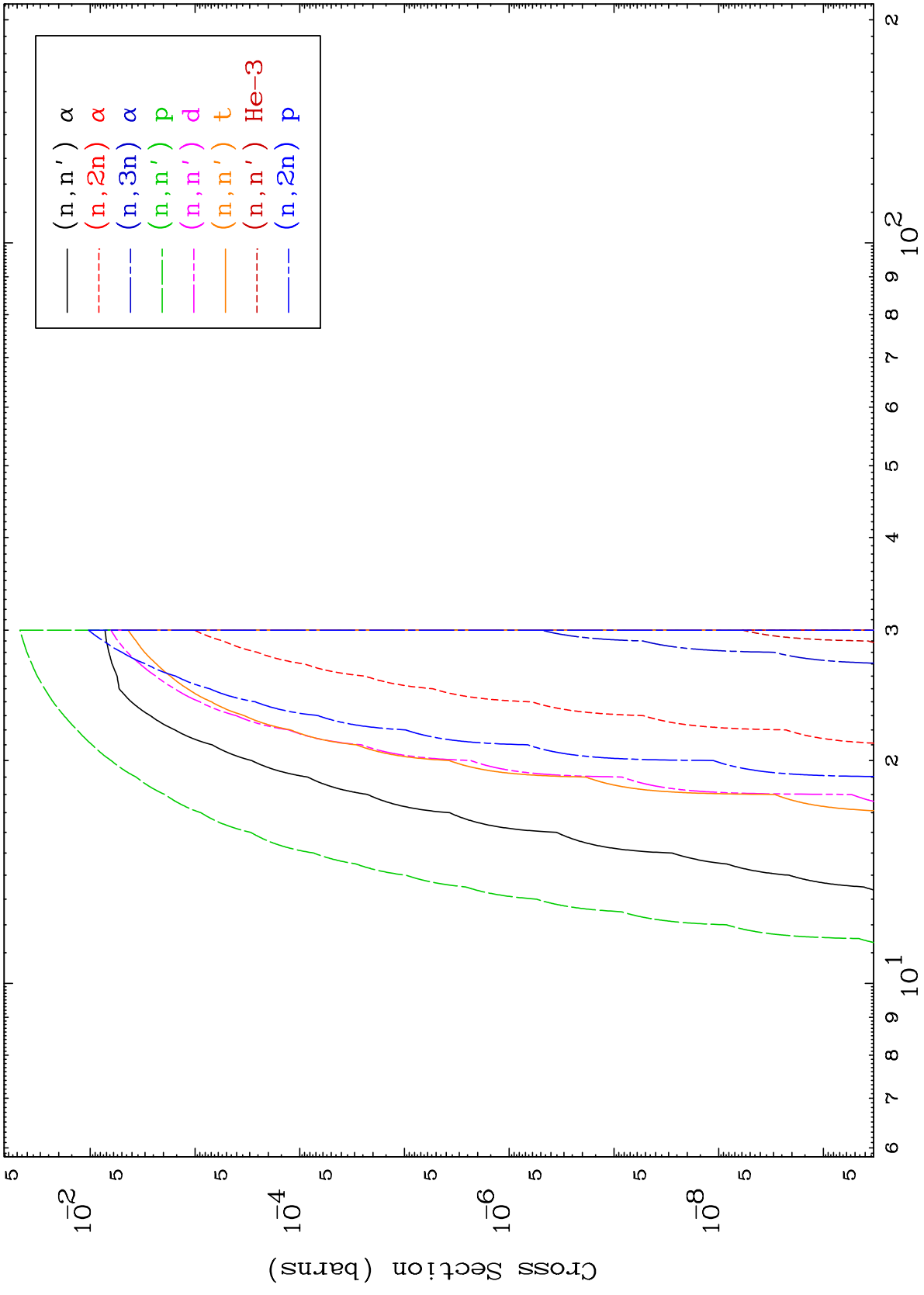
49-In-121



MAT 4949

Charged Particle
293 Kelvin Cross Sections

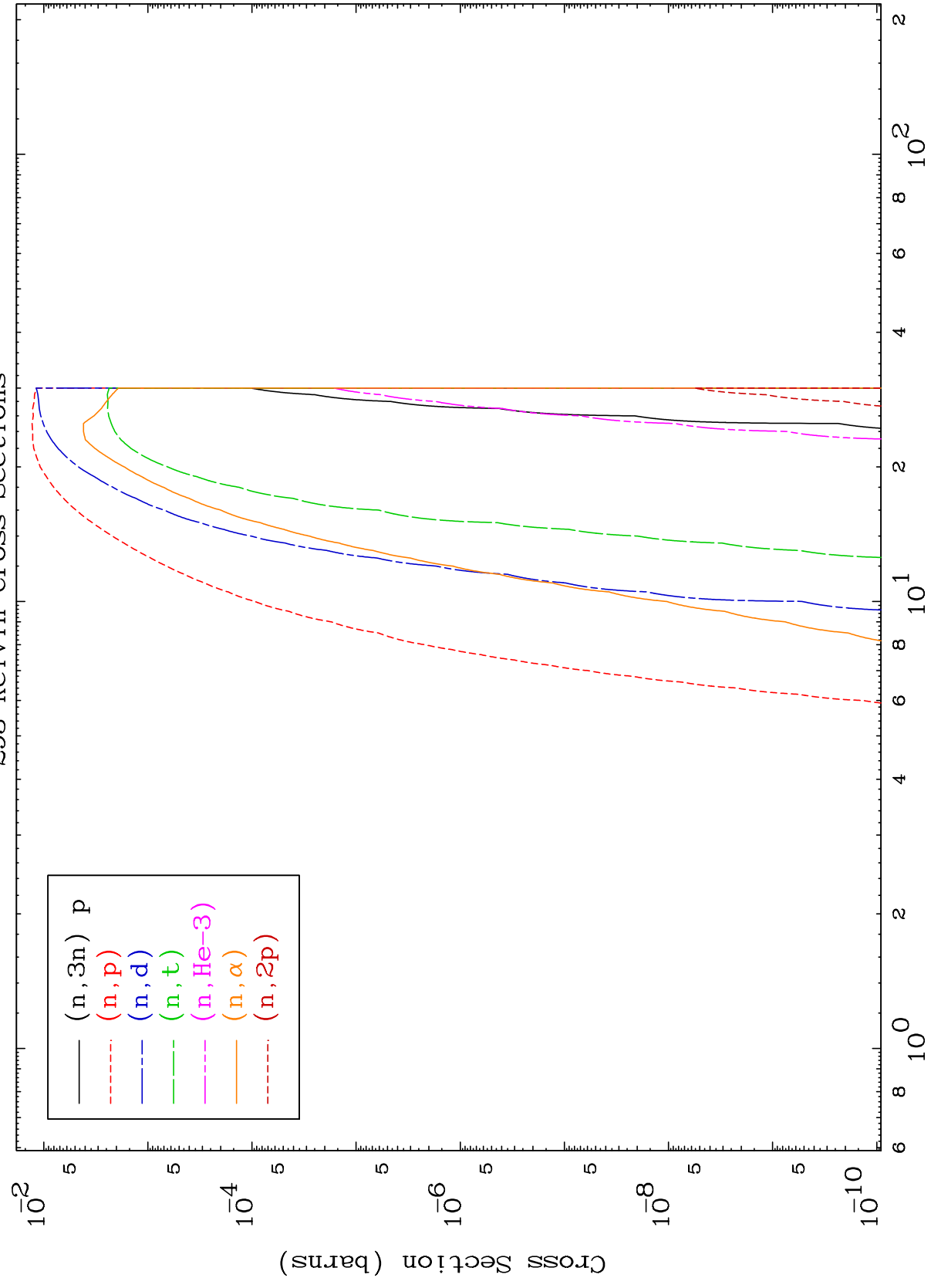
49-In-121



MAT 4949

Charged Particle
293 Kelvin Cross Sections

49-In-121



5

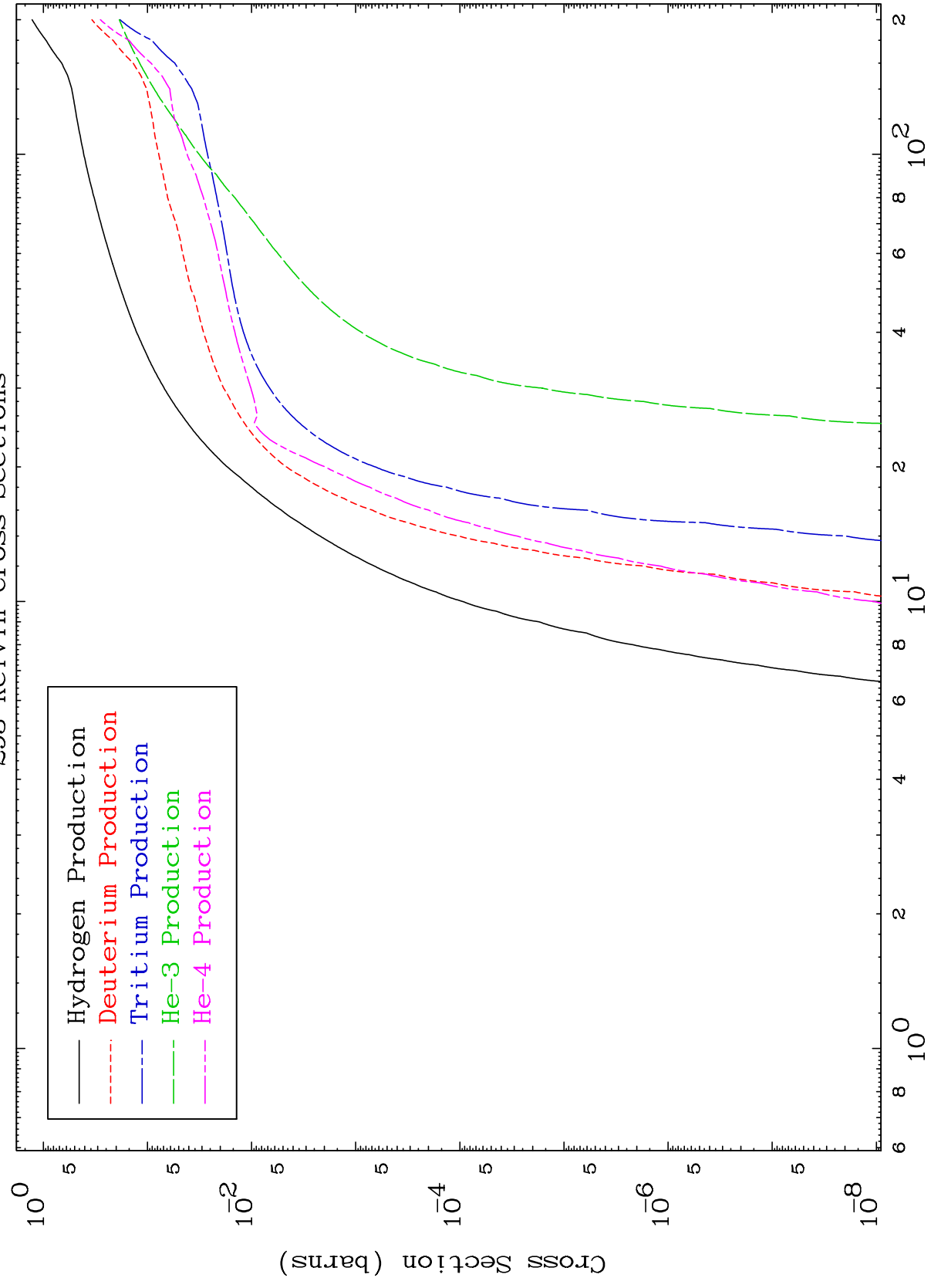
Incident Energy (MeV)

49-In-121

MAT 4949

Particle Production
293 Kelvin Cross Sections

49-In-121



6

Incident Energy (MeV)

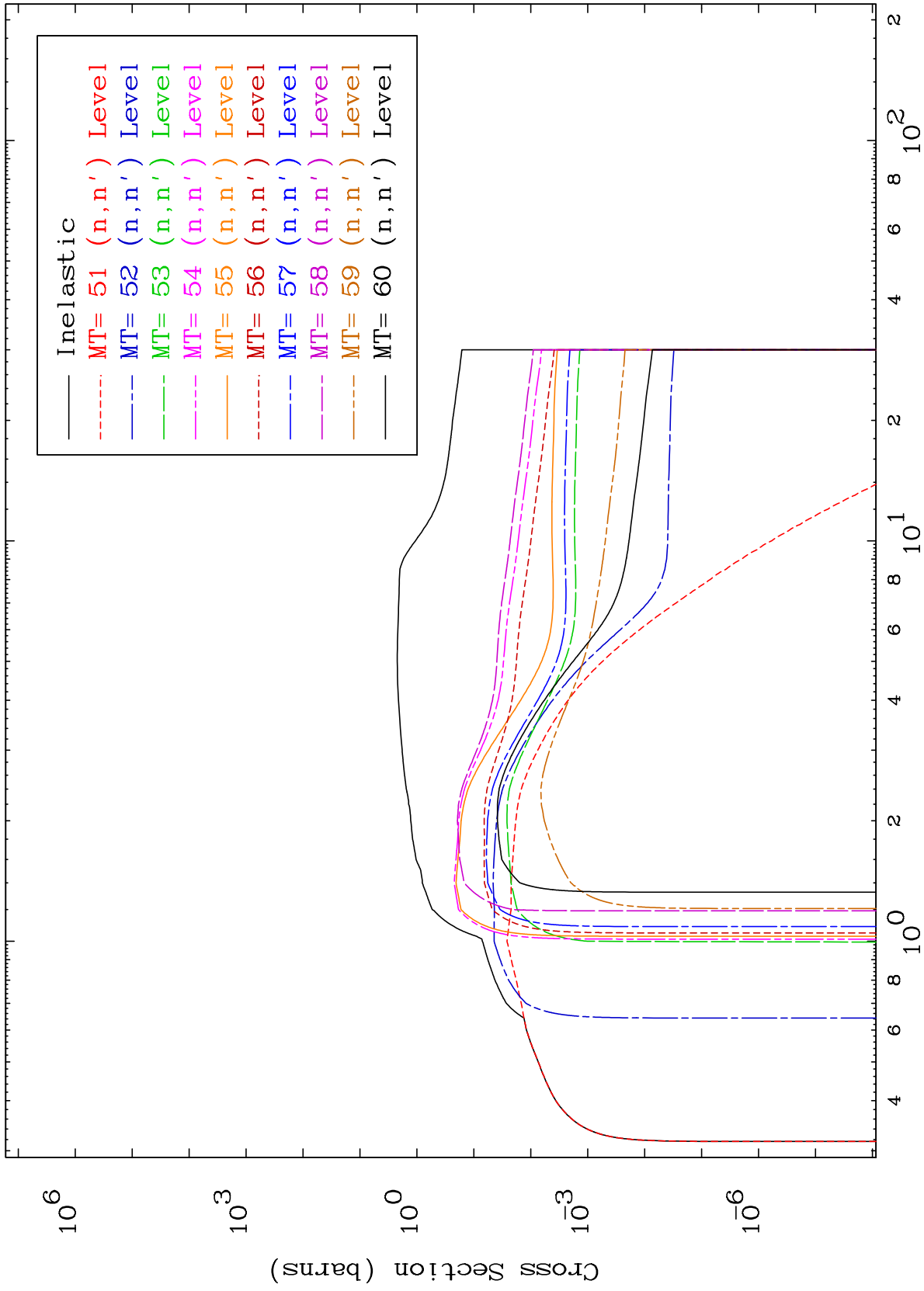
49-In-121

MAT 4949

(n,n') Level

49-In-121

293 Kelvin Cross Sections



7

Incident Energy (MeV)

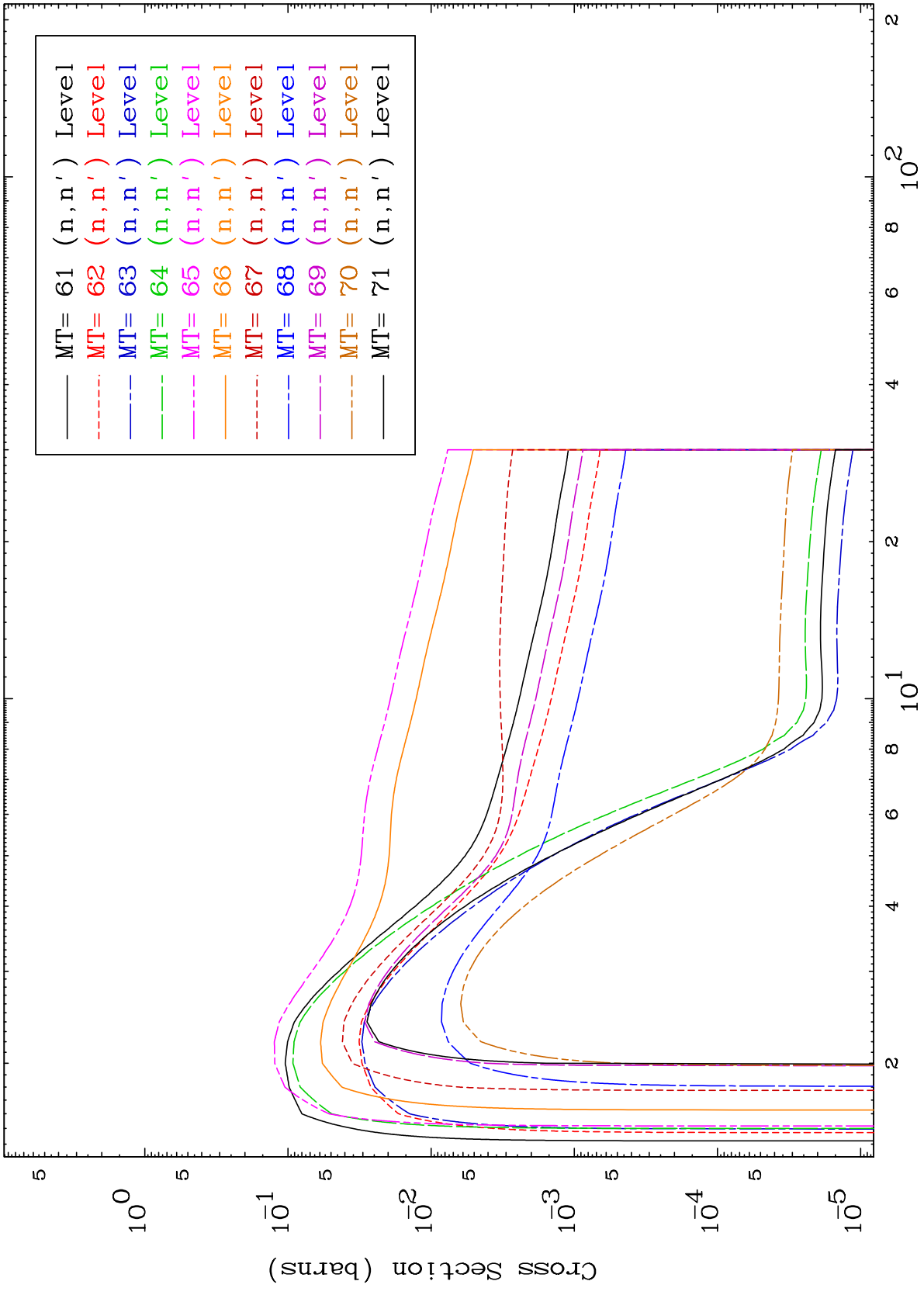
49-In-121

MAT 4949

(n,n') Level

49-In-121

293 Kelvin Cross Sections



8

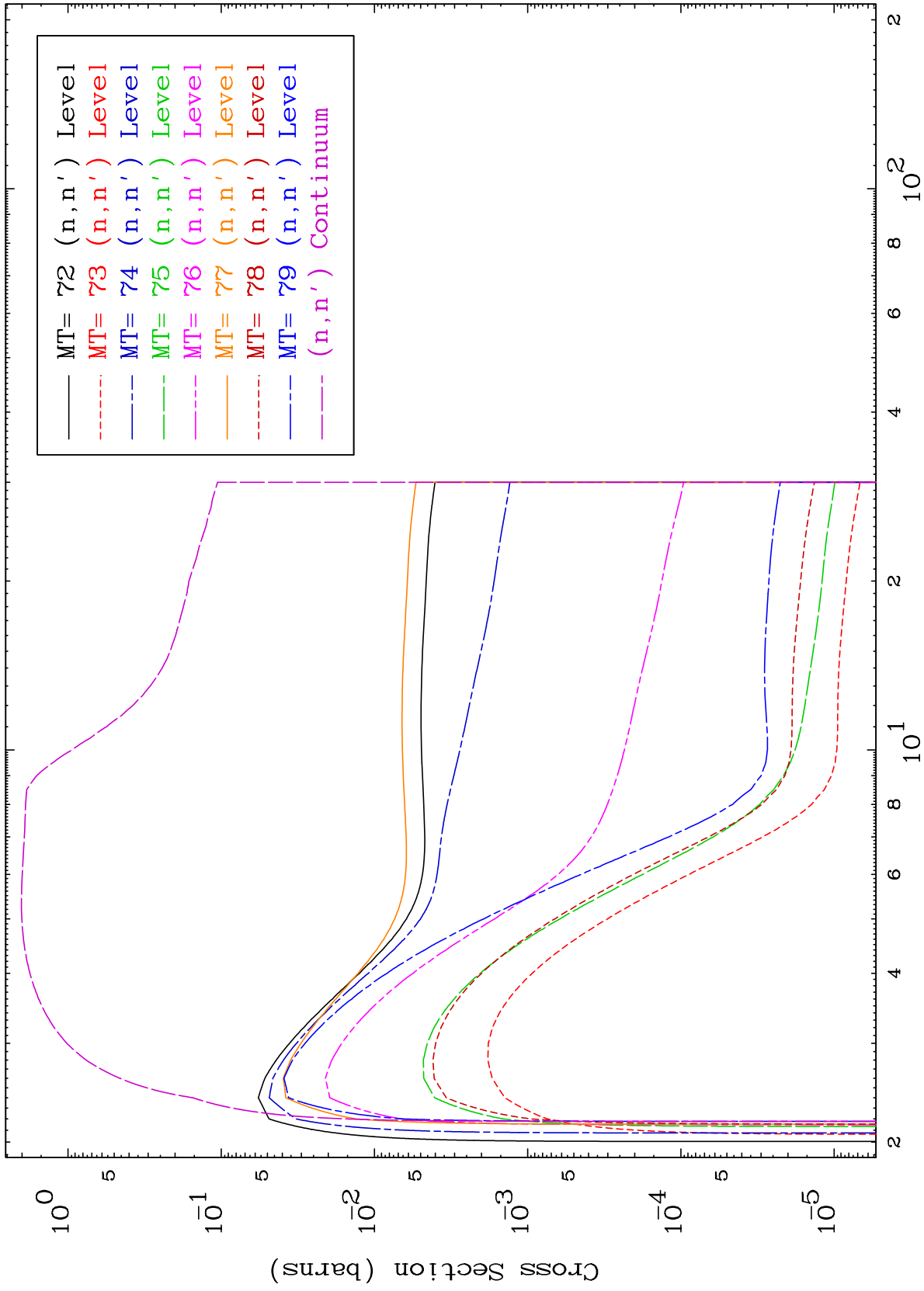
Incident Energy (MeV)

49-In-121

MAT 4949

(n,n') Level
293 Kelvin Cross Sections

49-In-121



9

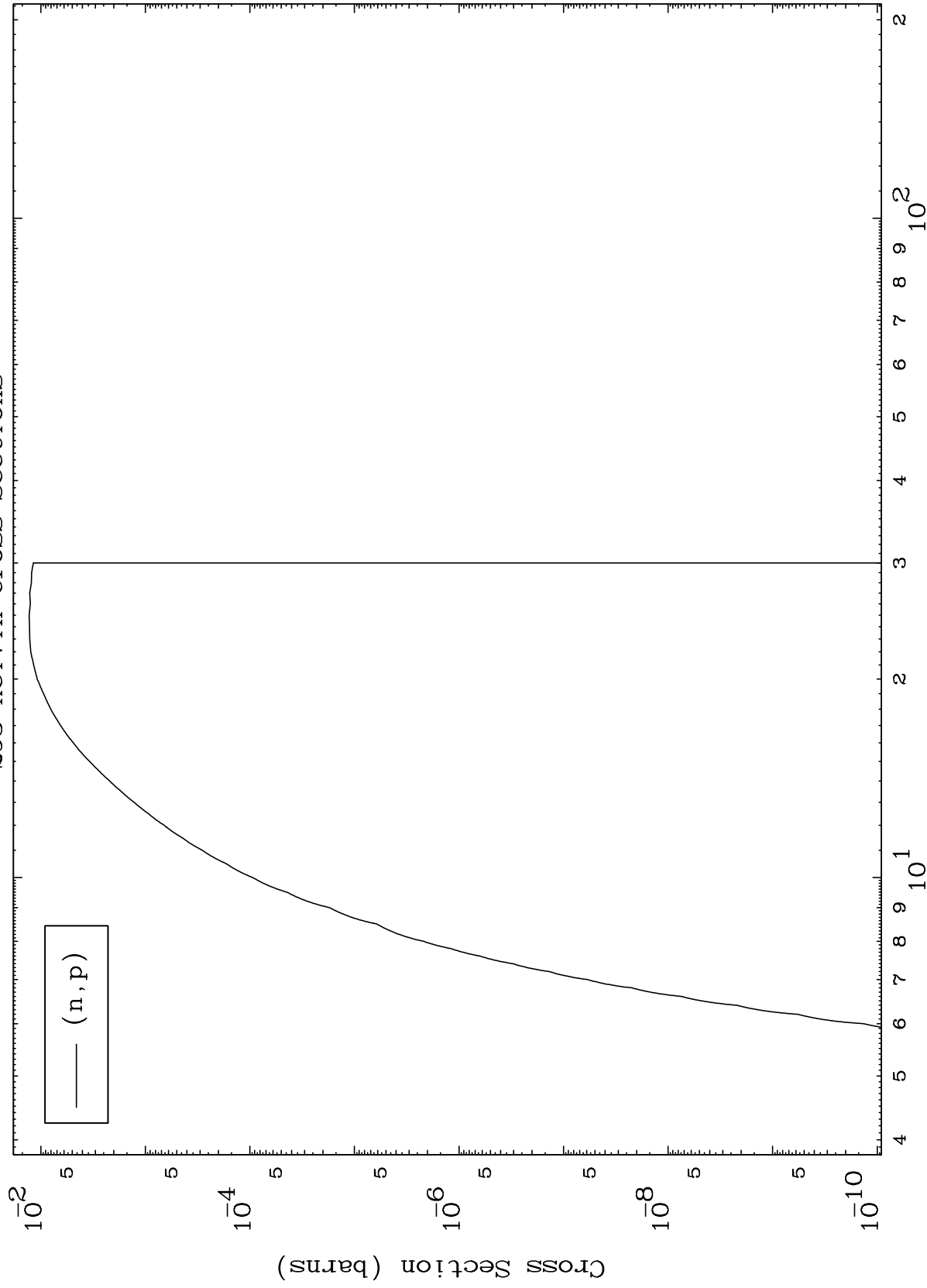
Incident Energy (MeV)

49-In-121

MAT 4949

(n,p) Levels
293 Kelvin Cross Sections

49-In-121



10

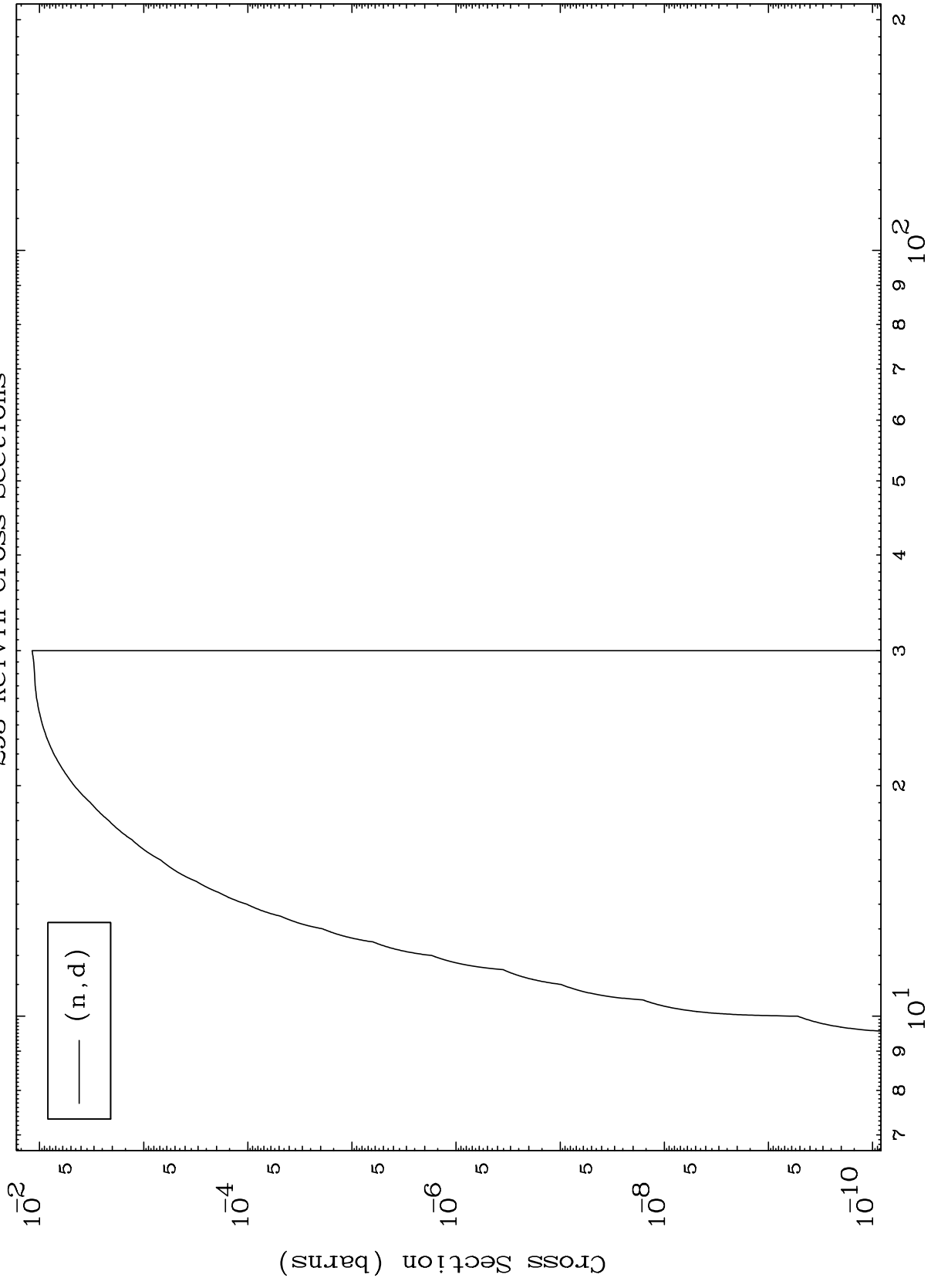
Incident Energy (MeV)

49-In-121

MAT 4949

(n,d) Levels
293 Kelvin Cross Sections

49-In-121



11

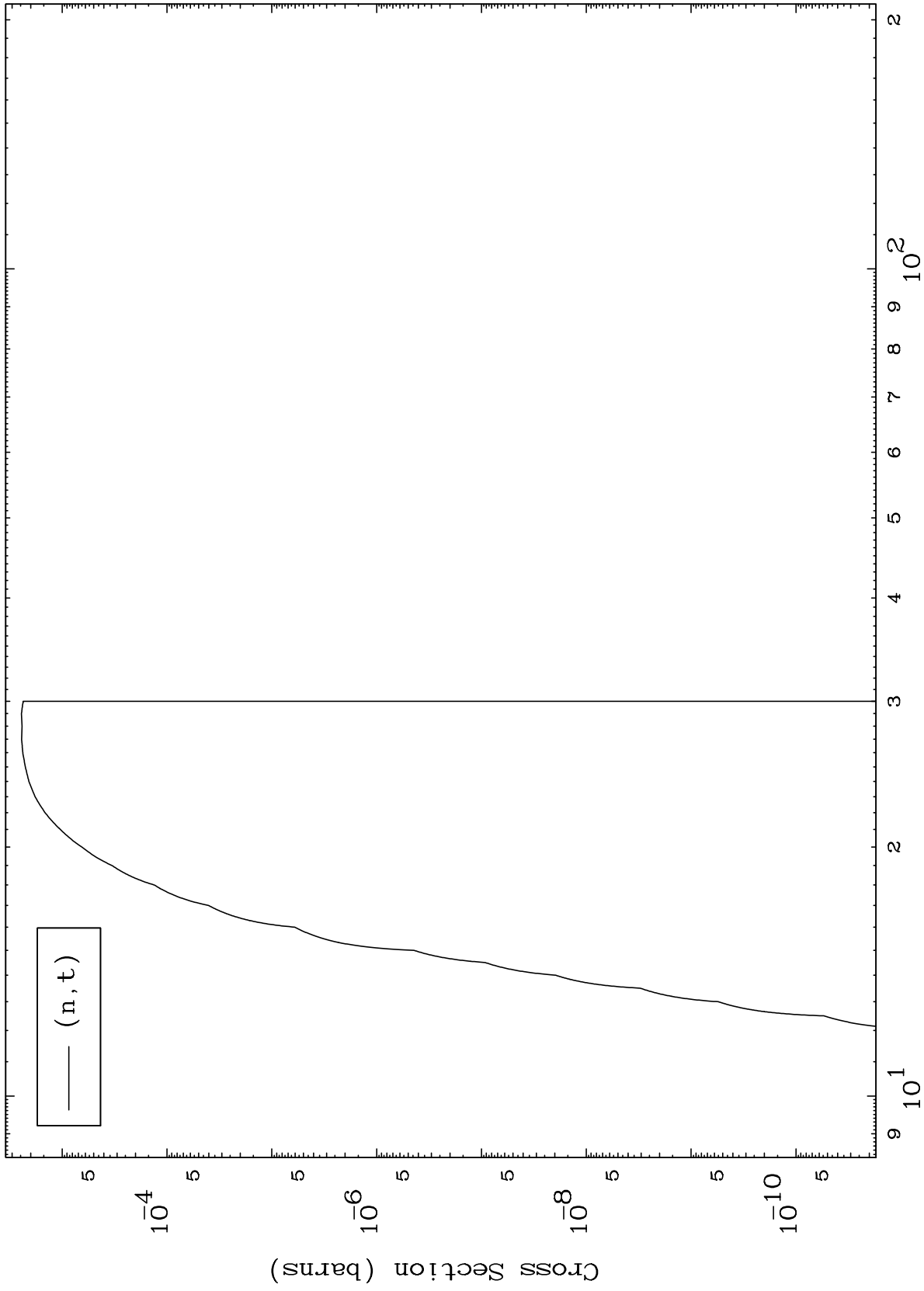
Incident Energy (MeV)

49-In-121

MAT 4949

(n,t) Levels
293 Kelvin Cross Sections

49-In-121



12

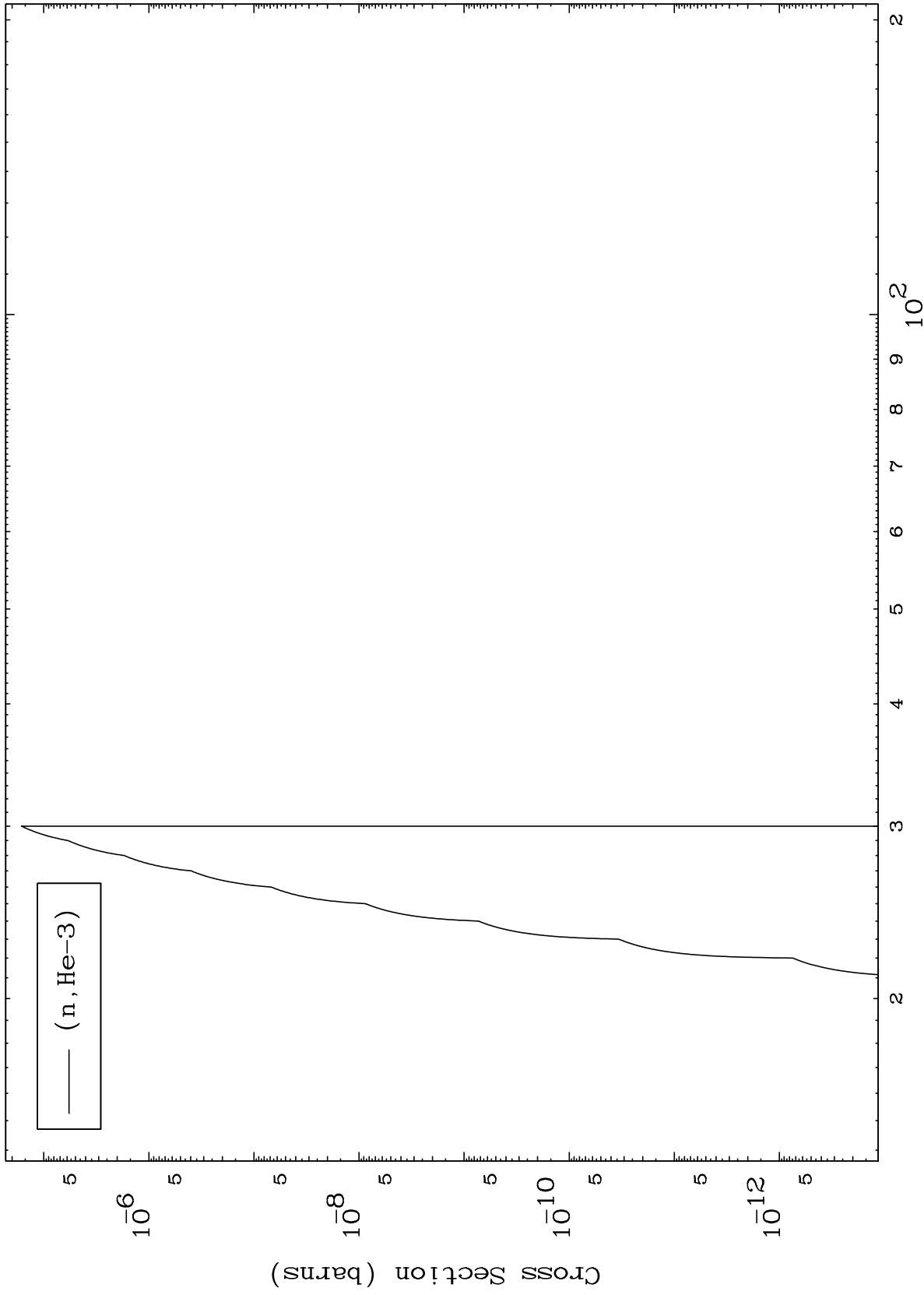
Incident Energy (MeV)

49-In-121

MAT 4949

(n,He3) Levels
293 Kelvin Cross Sections

49-In-121



13

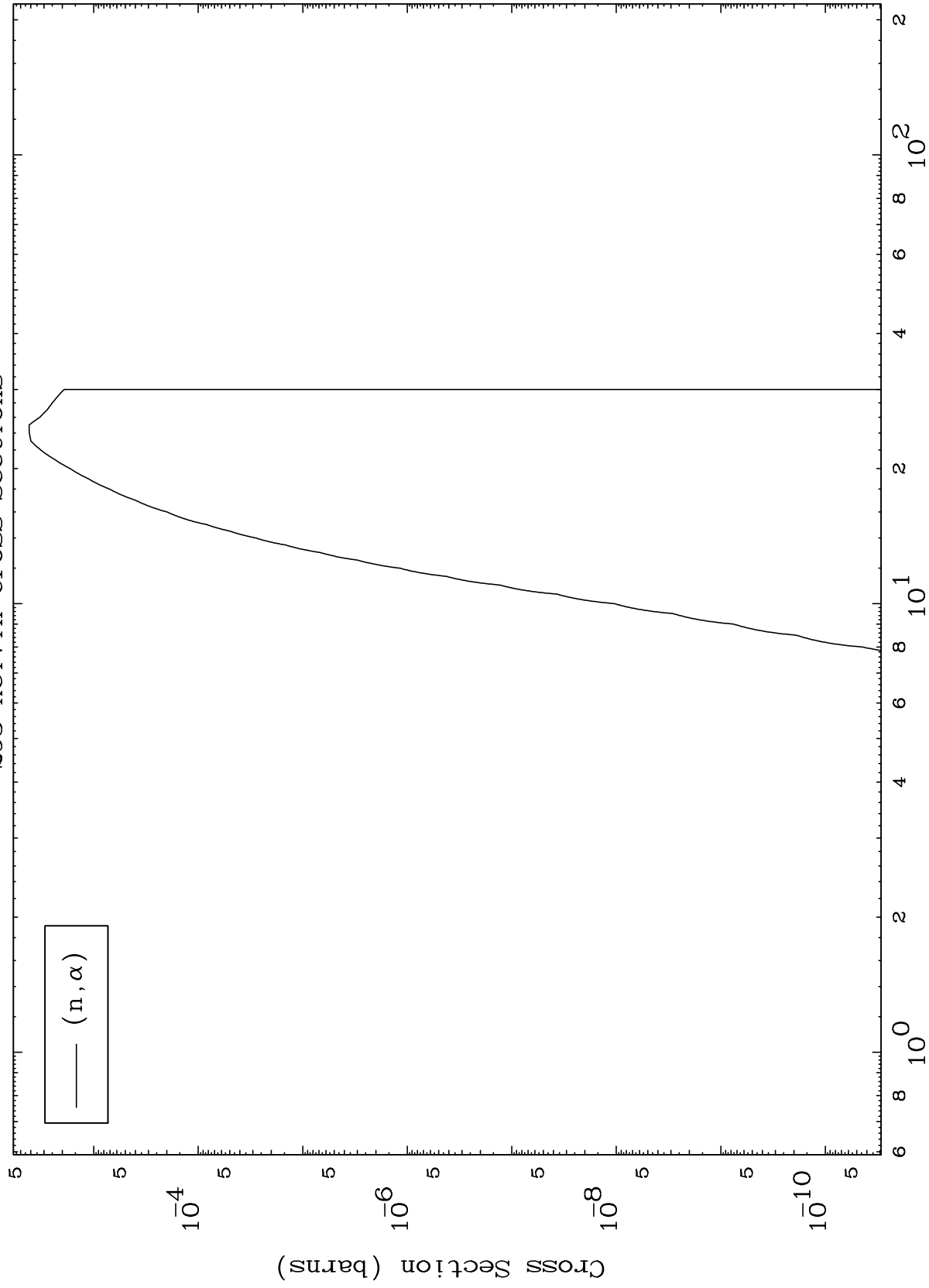
Incident Energy (MeV)

49-In-121

MAT 4949

(n,α) Levels
293 Kelvin Cross Sections

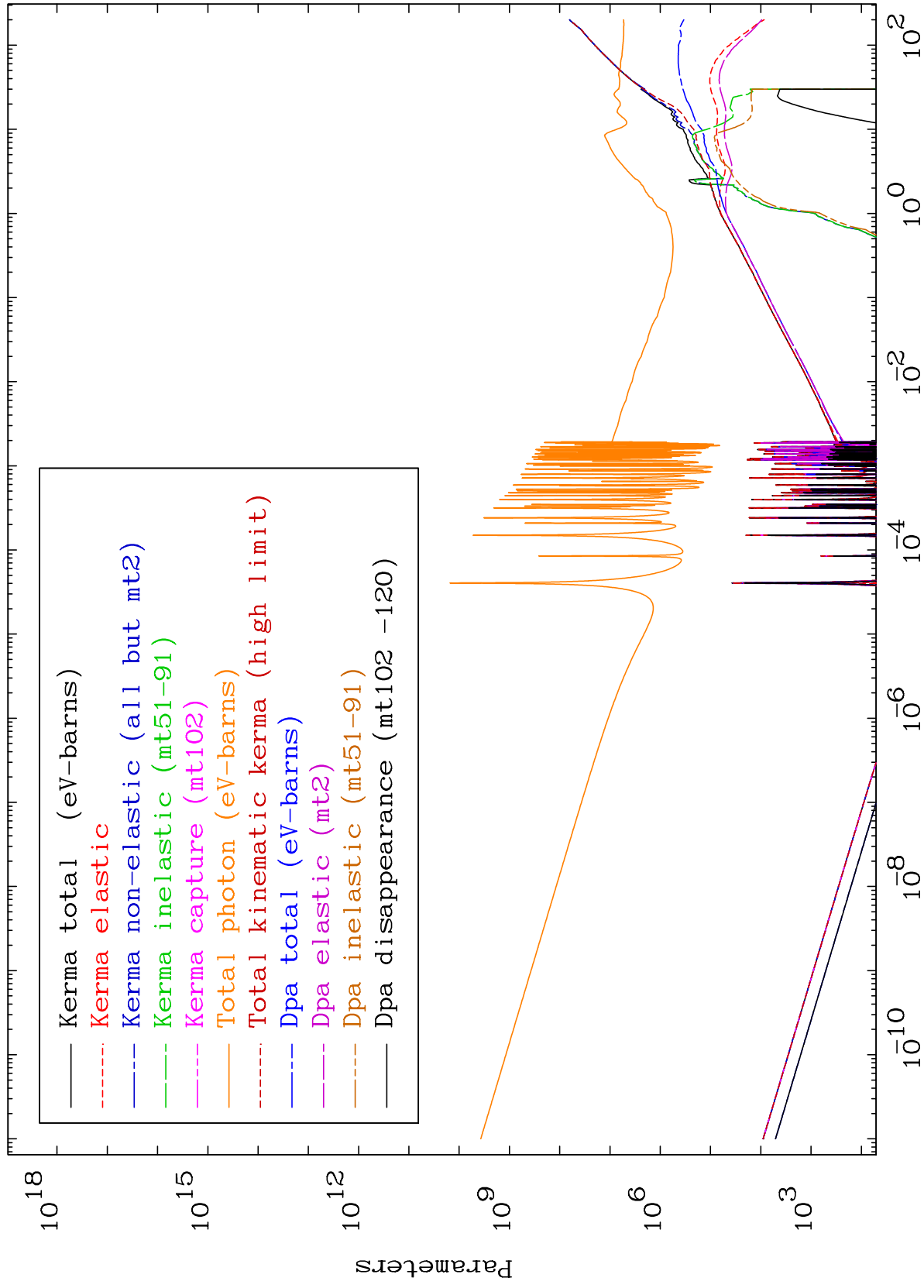
49-In-121



14

Incident Energy (MeV)

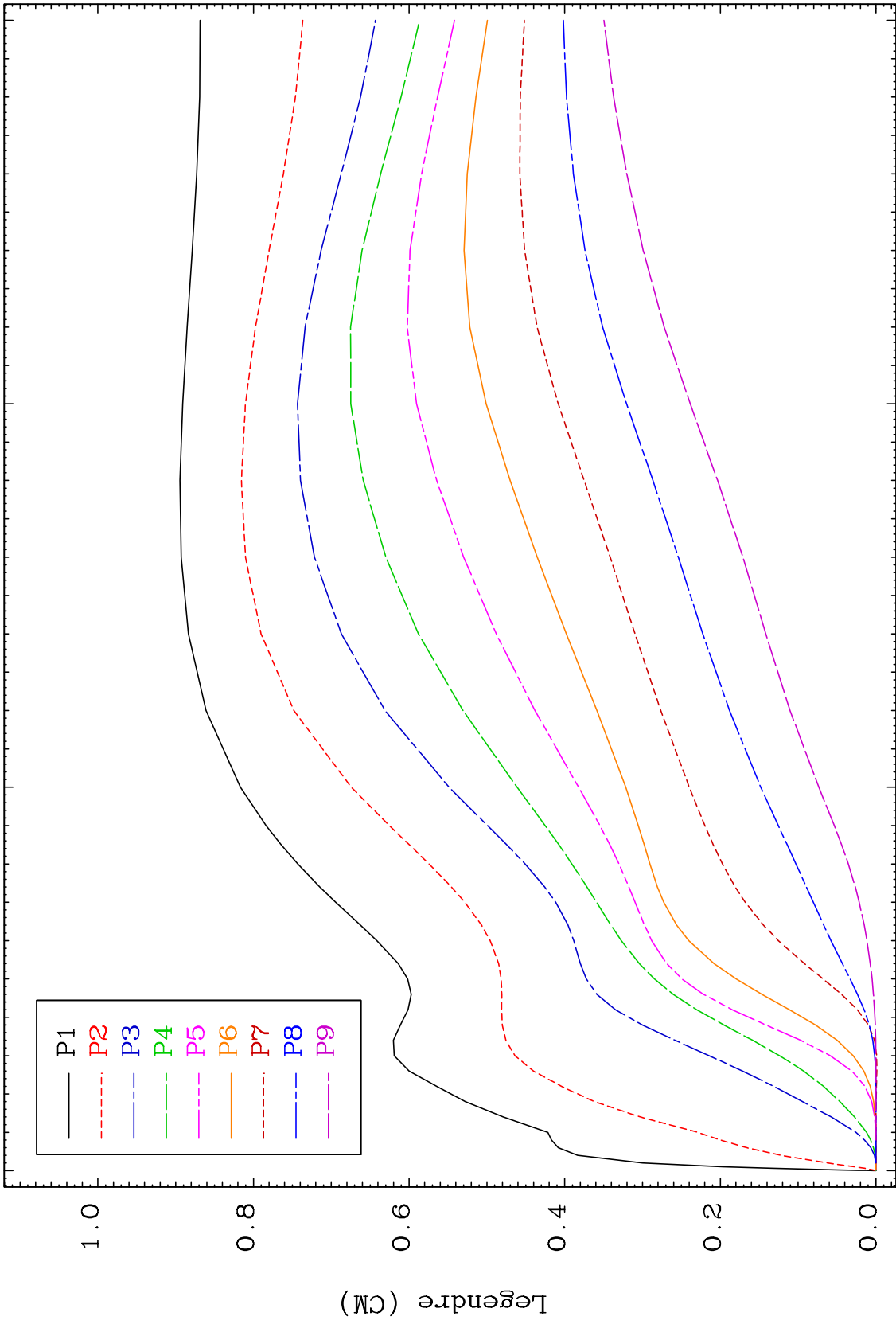
49-In-121



MAT 4949

Elastic Legendre Coefficients

49-In-121



0

16

10

20

30

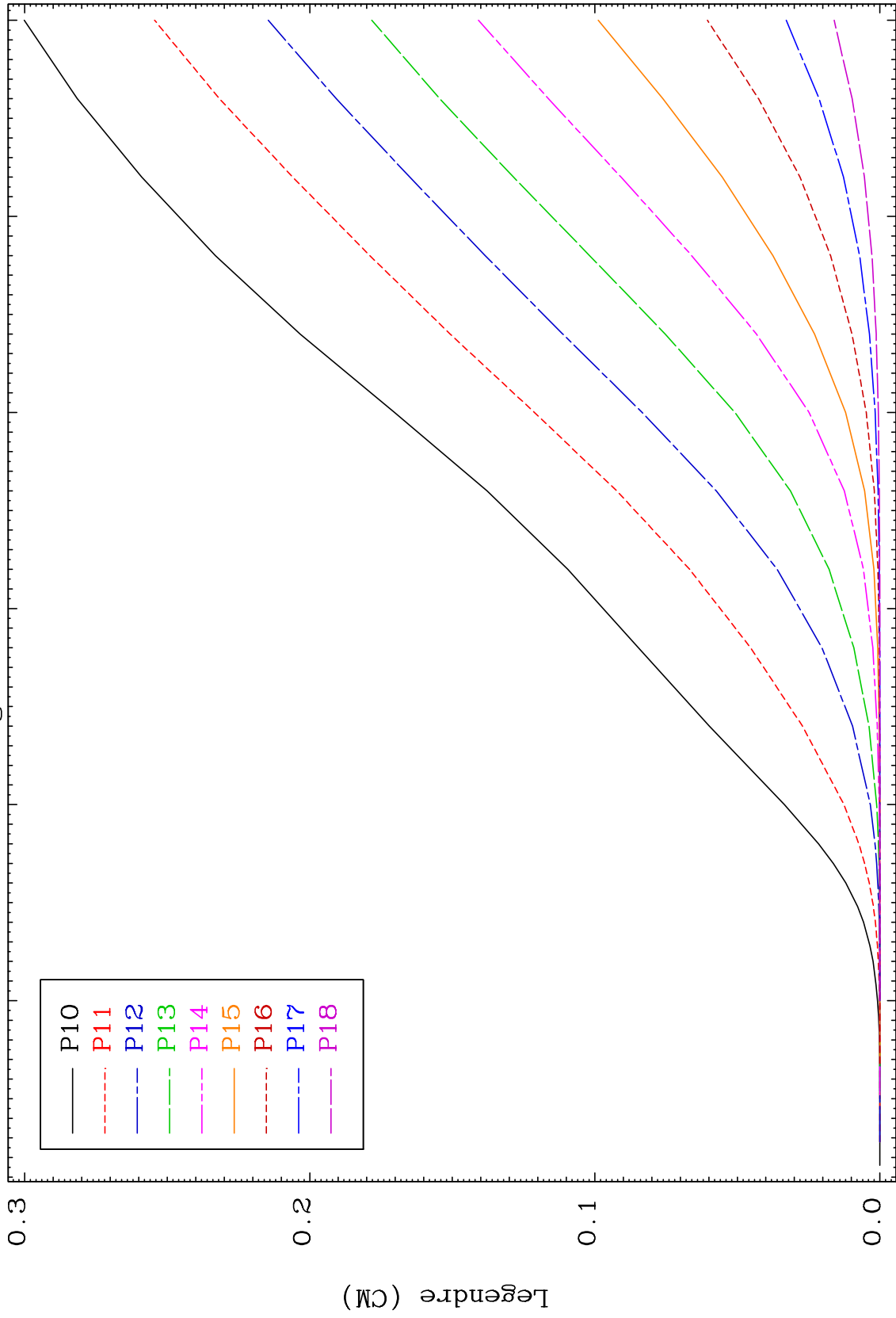
Incident Energy (MeV)

49-In-121

MAT 4949

Elastic Legendre Coefficients

49-In-121



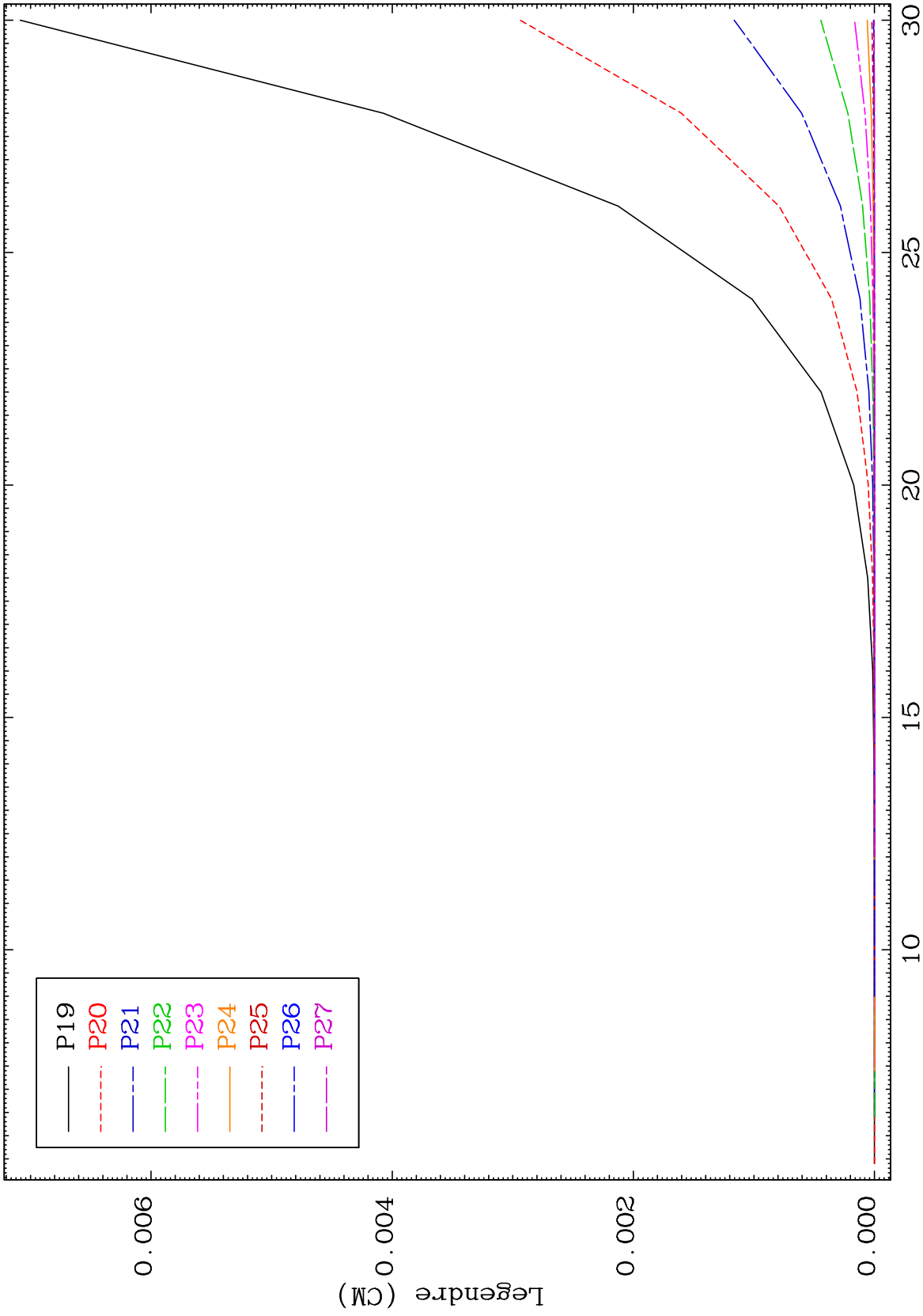
17

49-In-121

MAT 4949

Elastic Legendre Coefficients

49-In-121



18

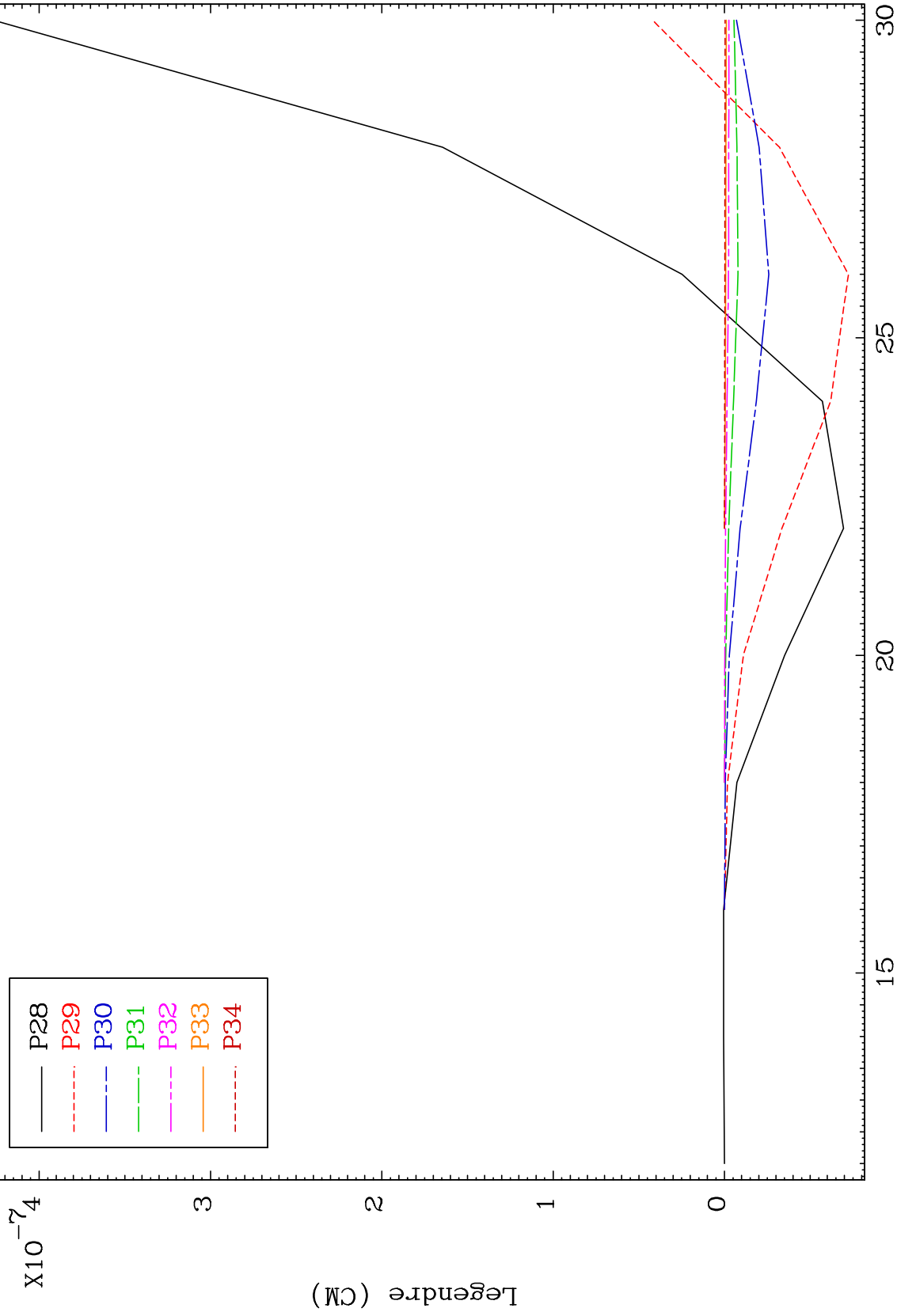
Incident Energy (MeV)

49-In-121

MAT 4949

Elastic Legendre Coefficients

49-In-121



19

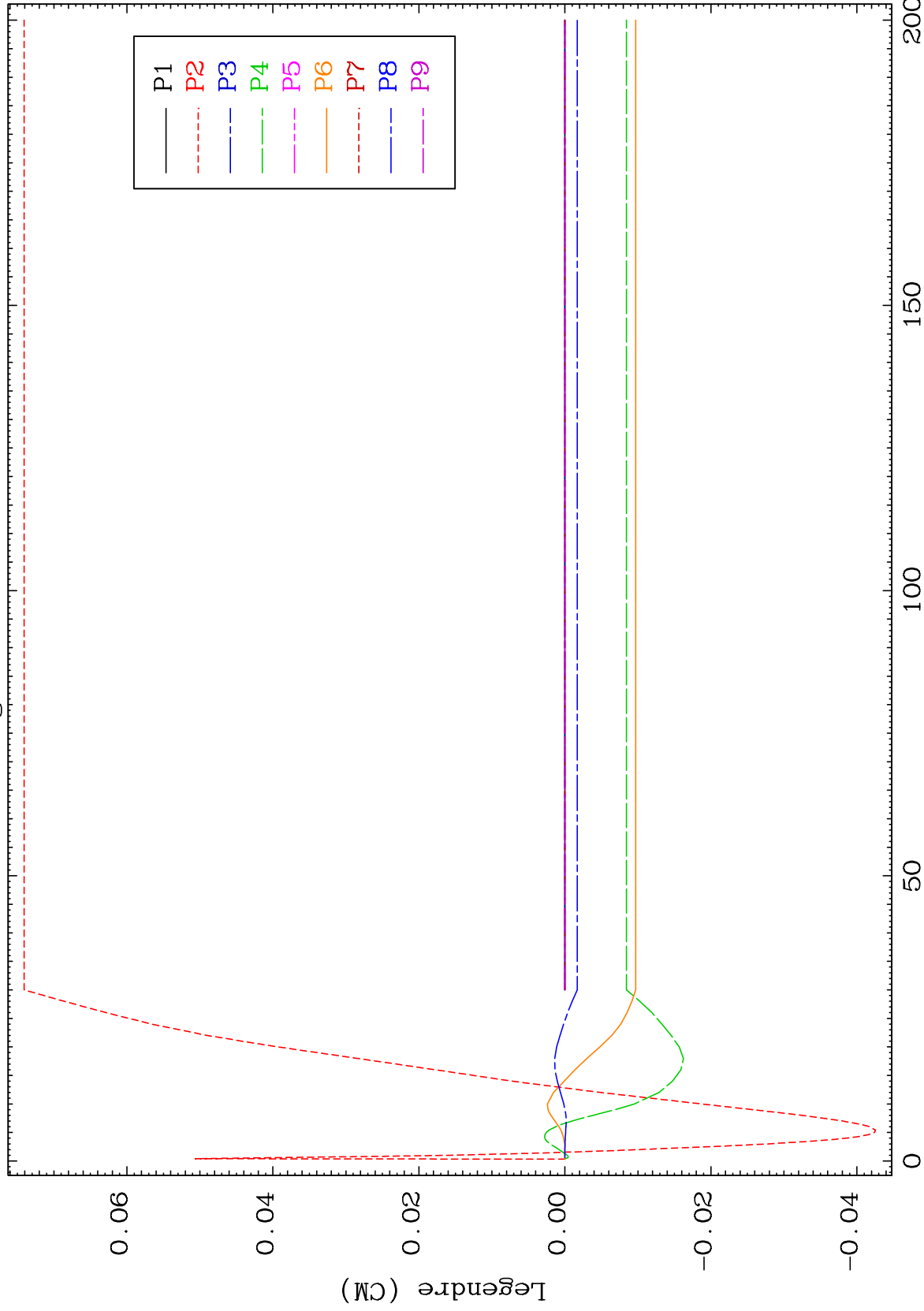
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



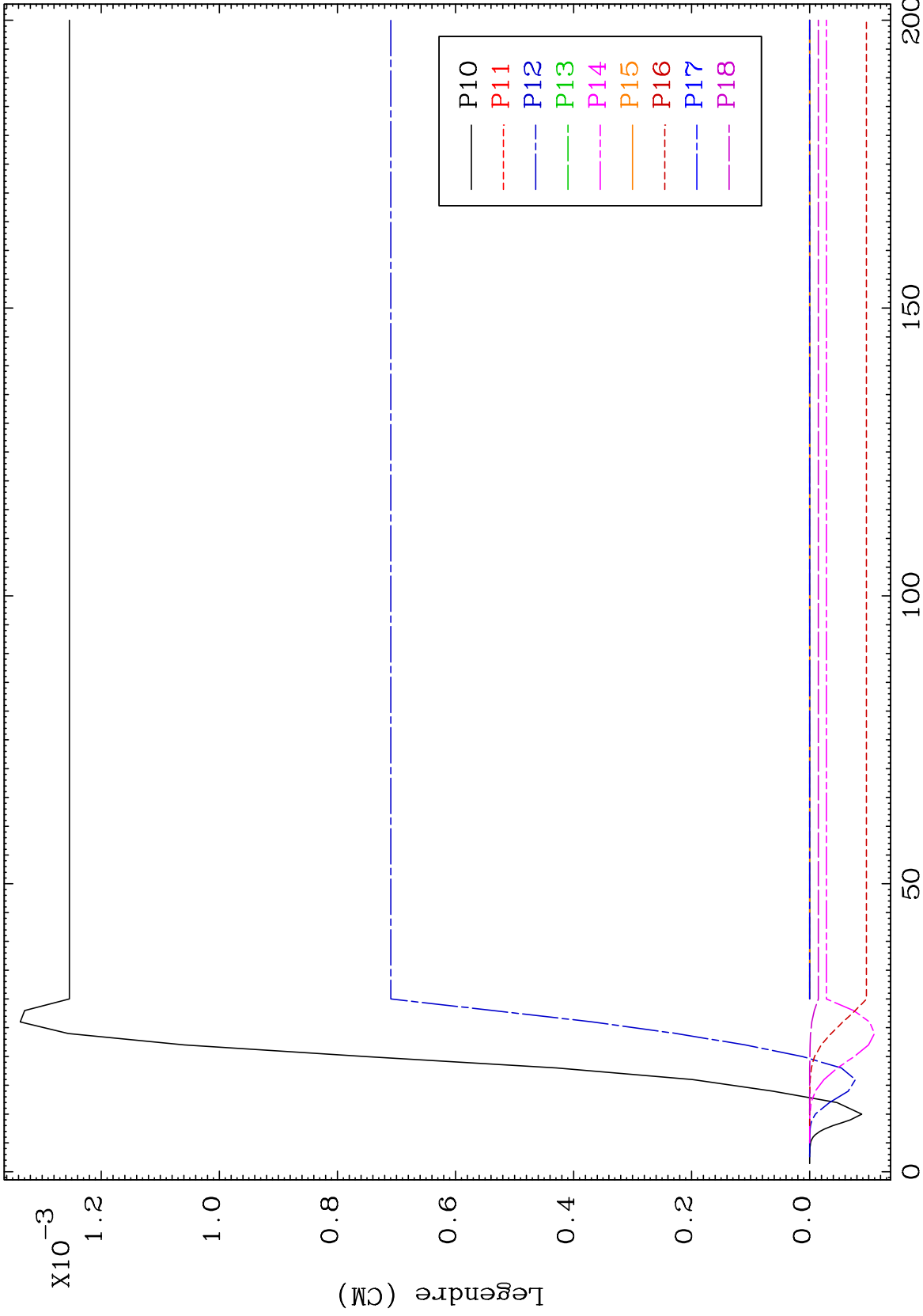
49-In-121

Incident Energy (MeV)

MAT 4949

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

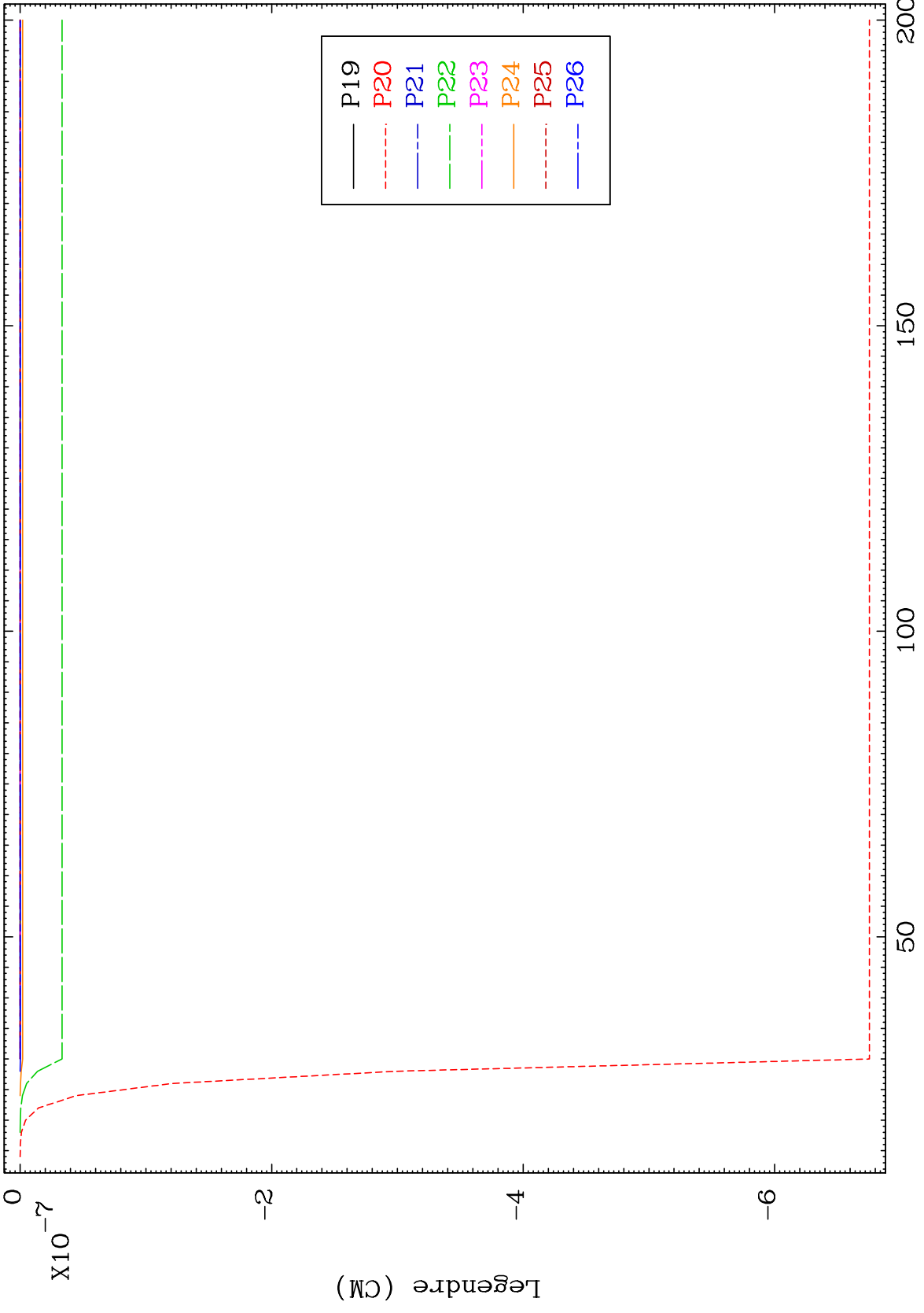
49-In-121



21

49-In-121

MAT 4949 MT= 51 (n,n') Level Legendre Coefficients 49-In-121

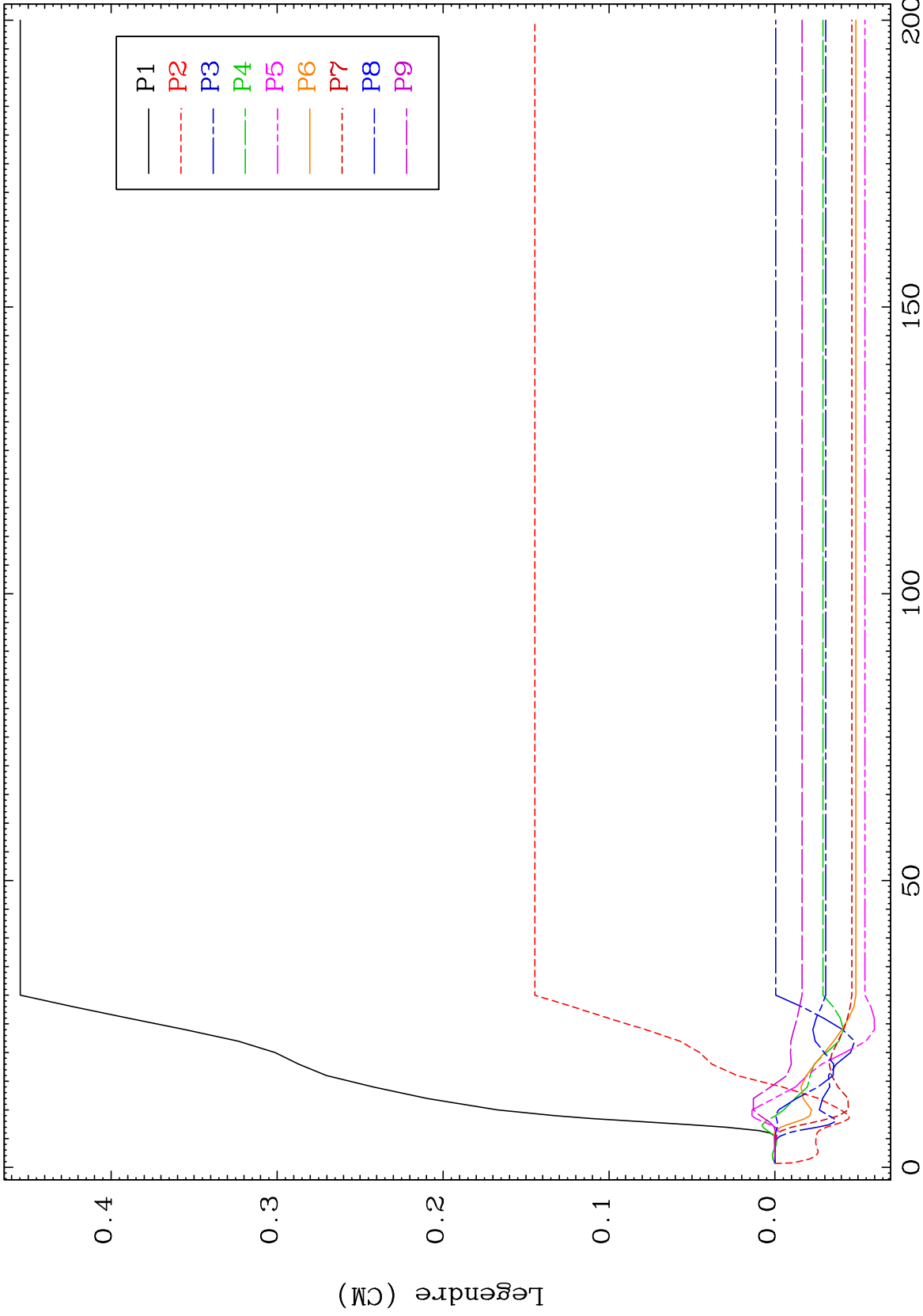


22 49-In-121

MAT 4949

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

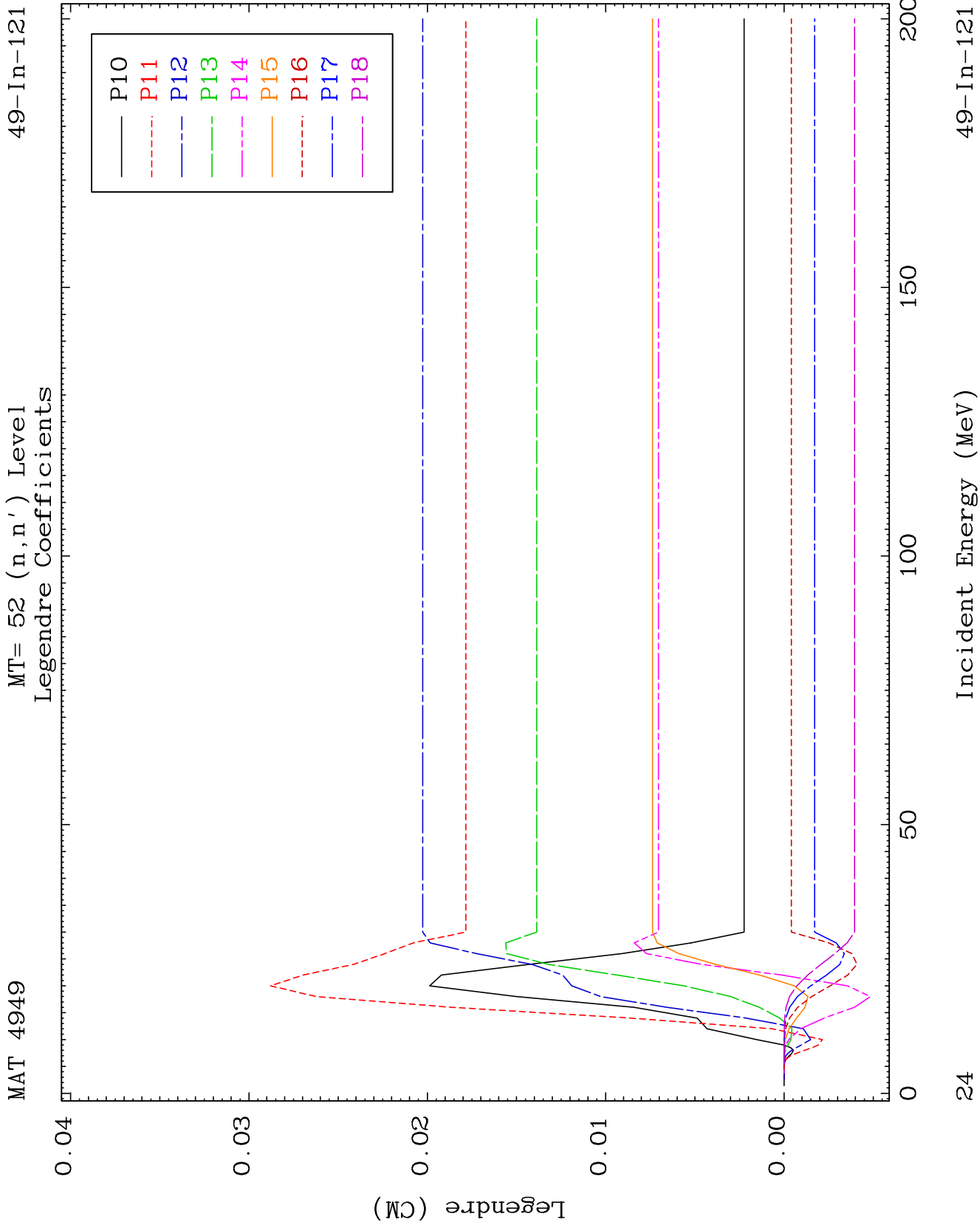
49-In-121



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Incident Energy (MeV)

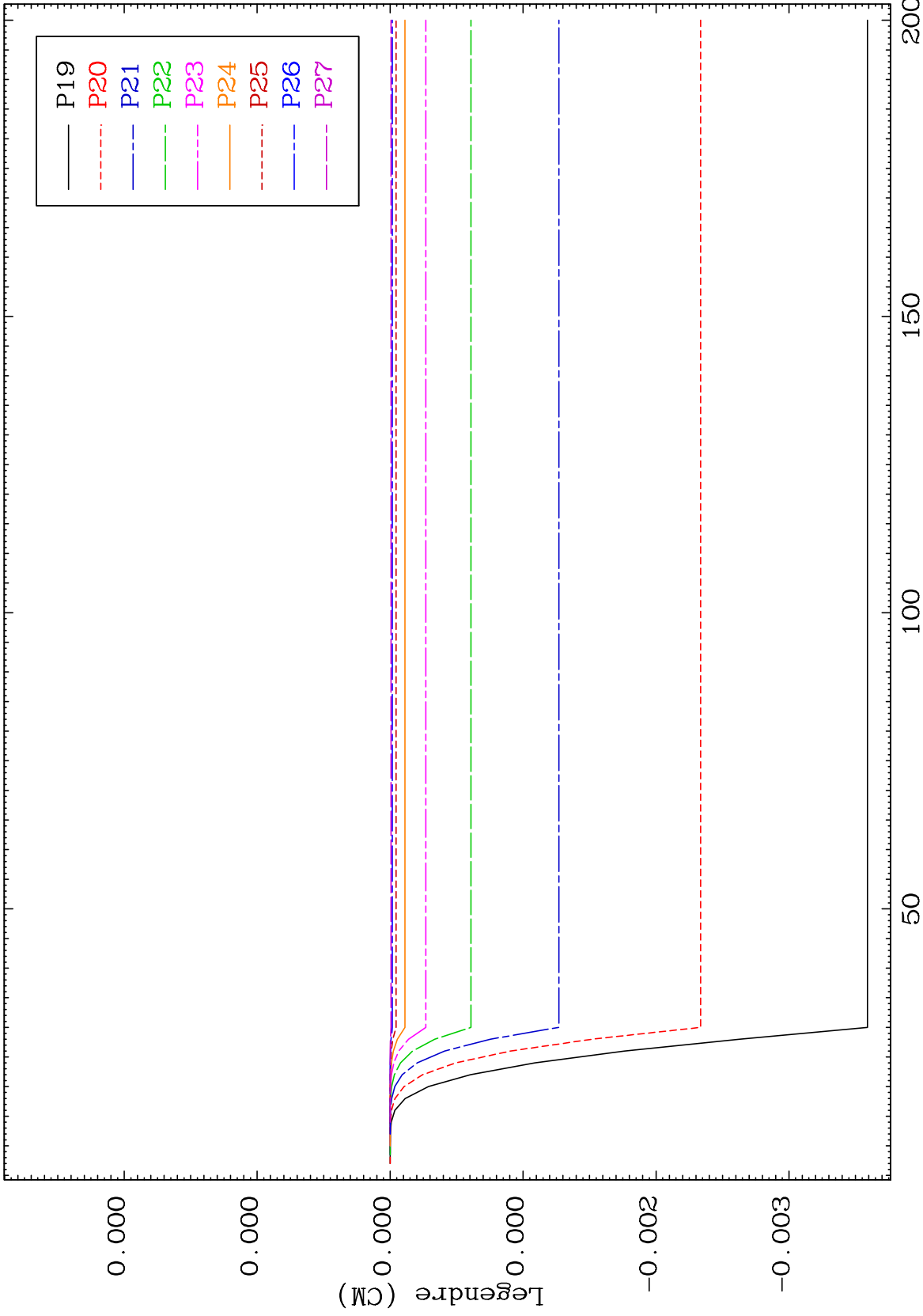
49-In-121



MAT 4949

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

49-In-121



25

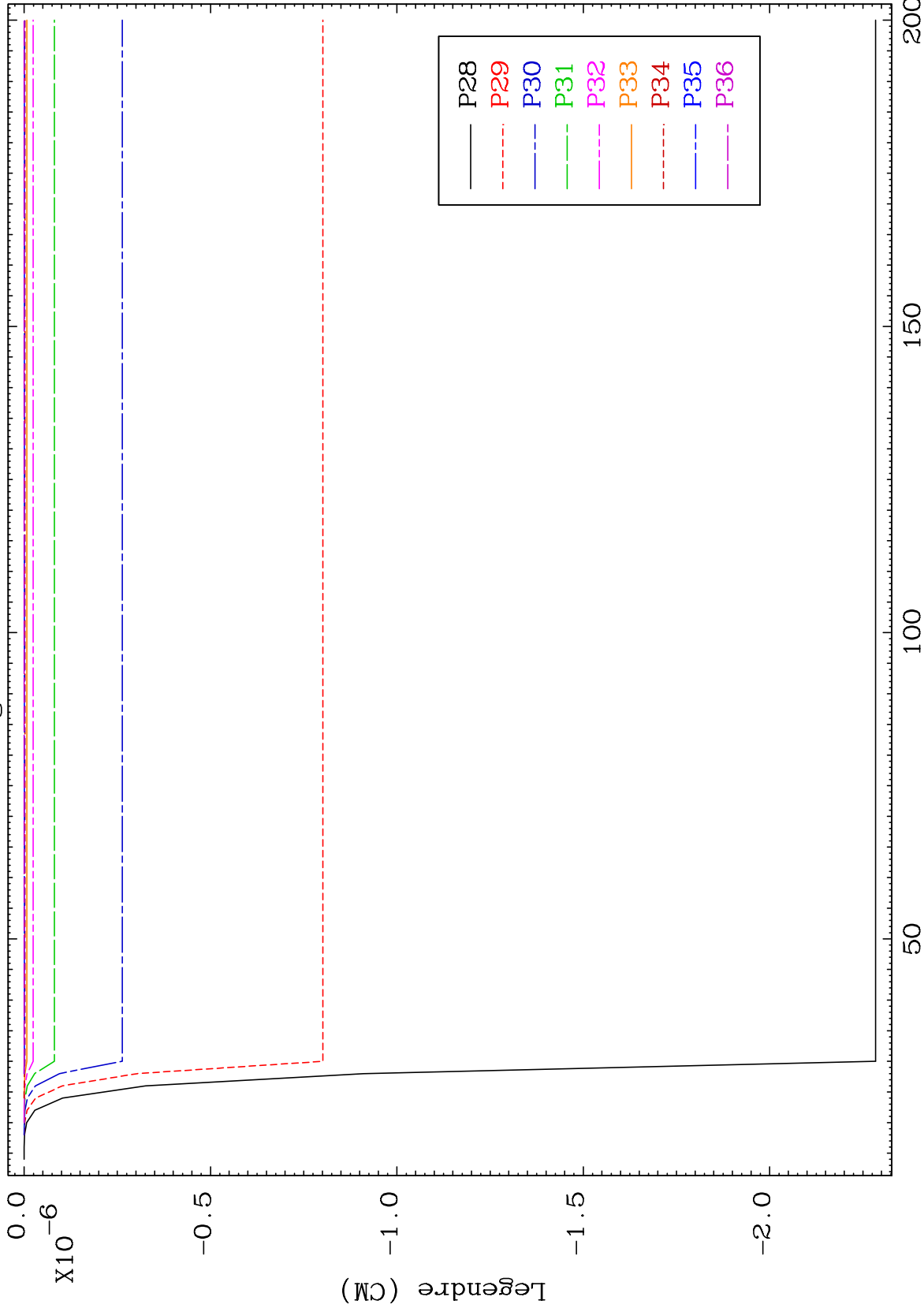
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



26

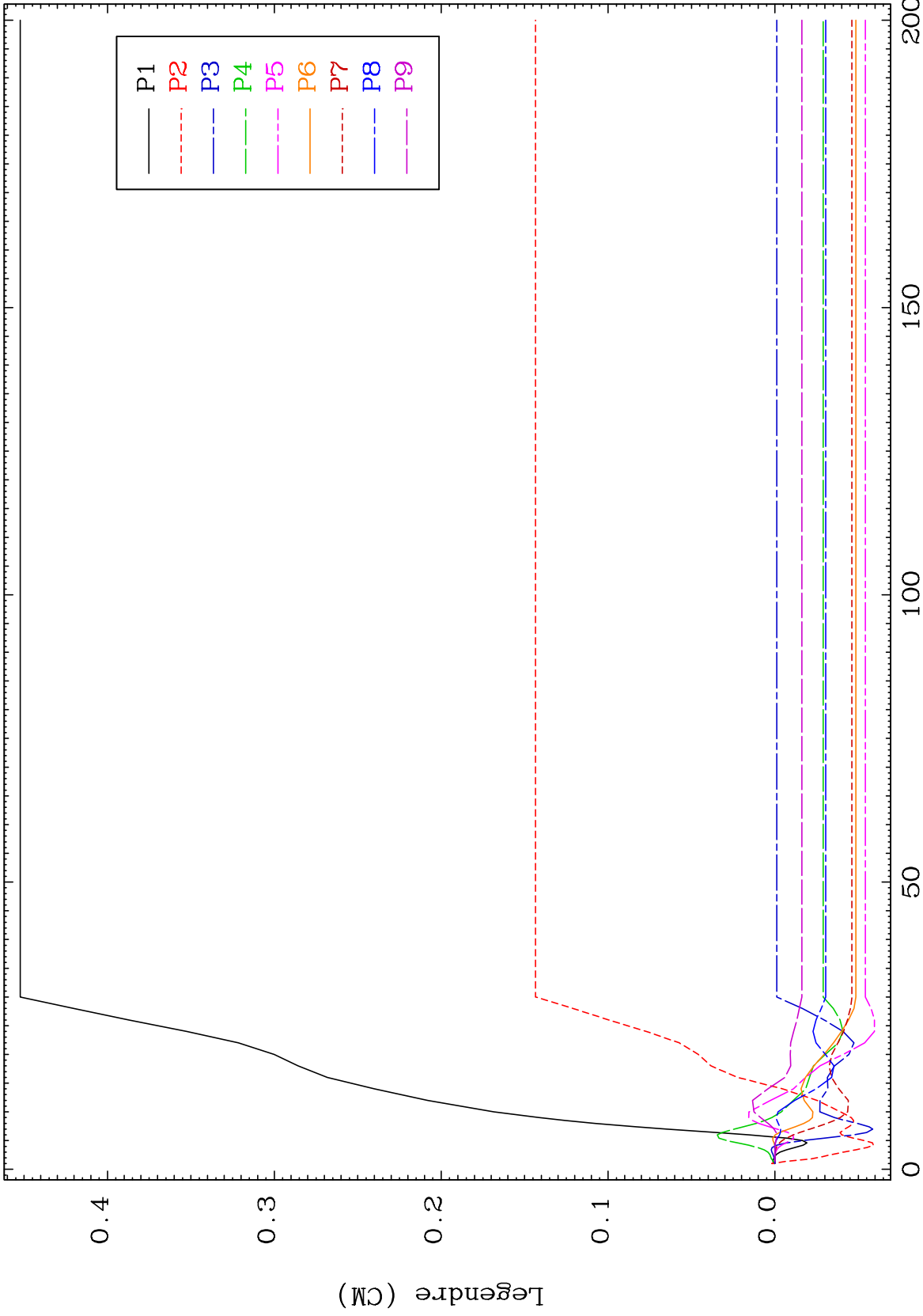
Incident Energy (MeV)

49-In-121

MAT 4949

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

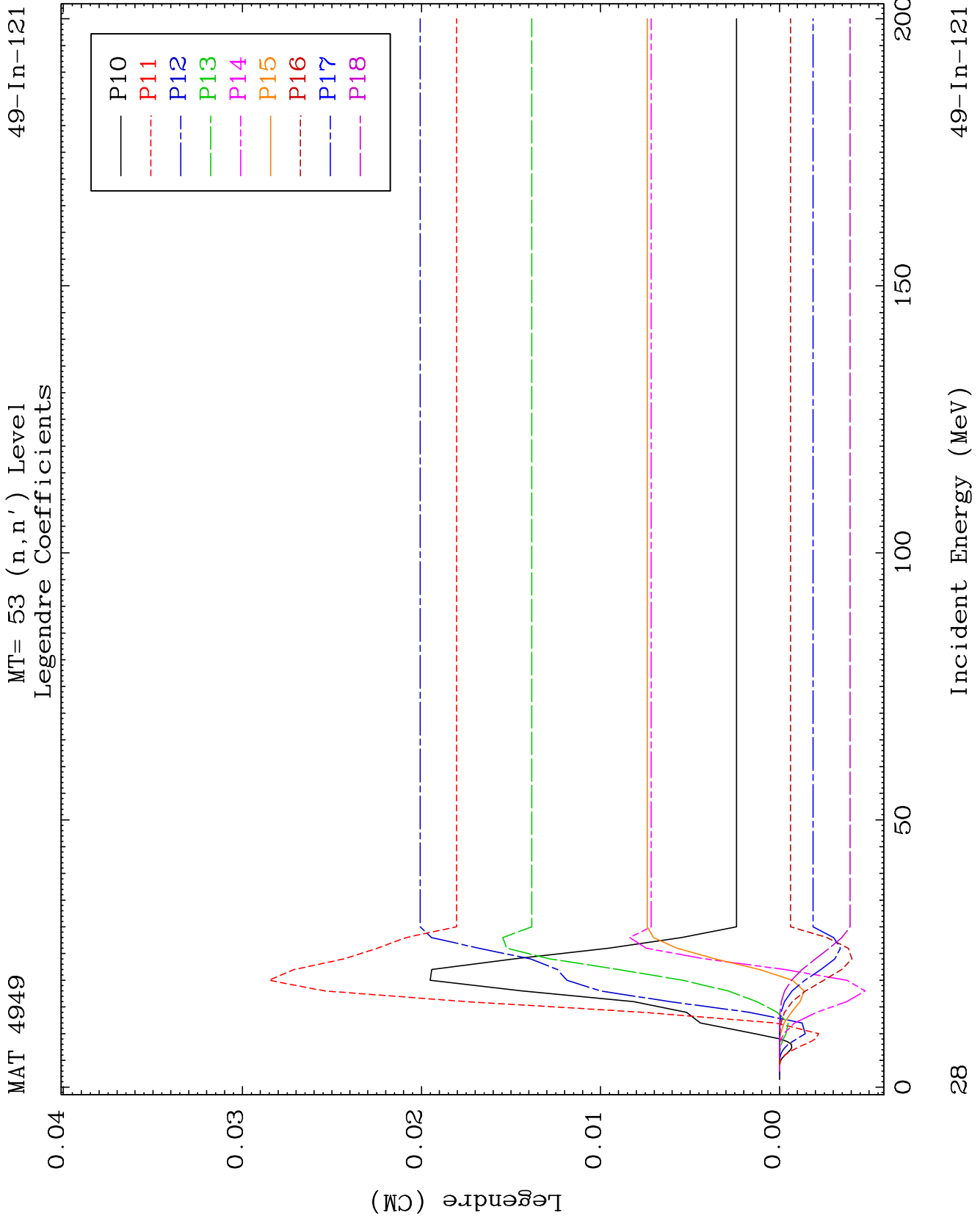
49-In-121



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Incident Energy (MeV)

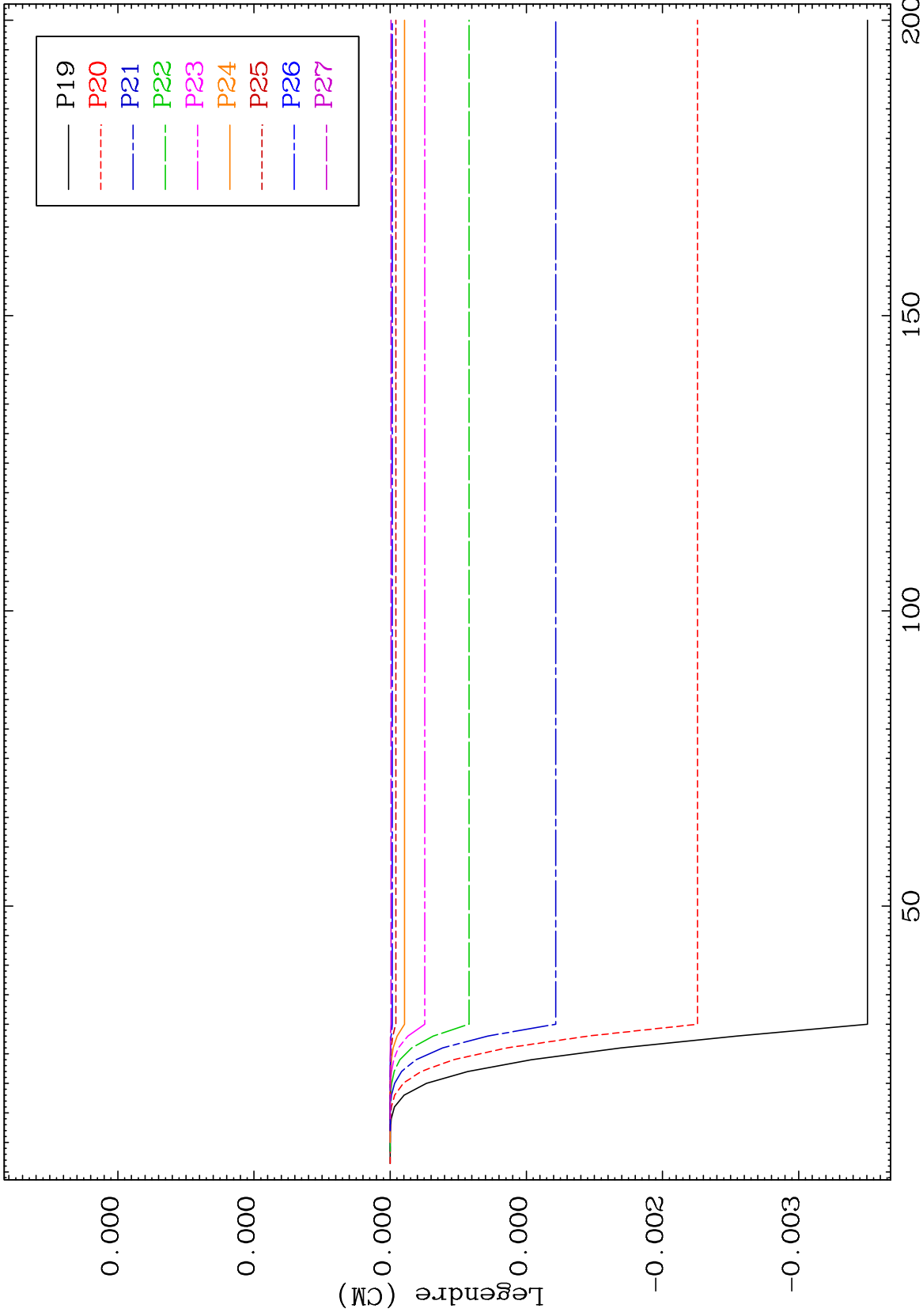
49-In-121



MAT 4949

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

49-In-121



29

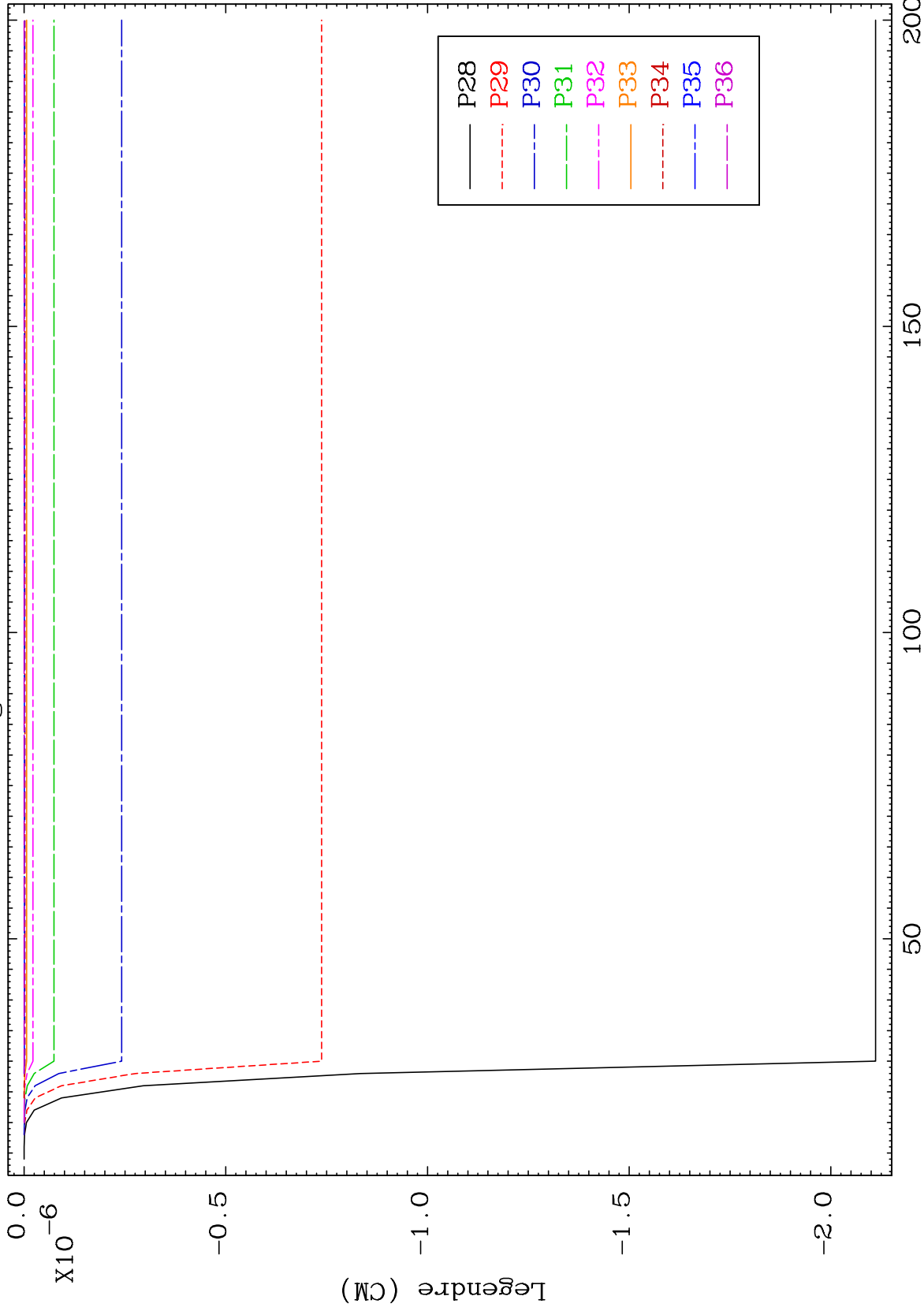
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121

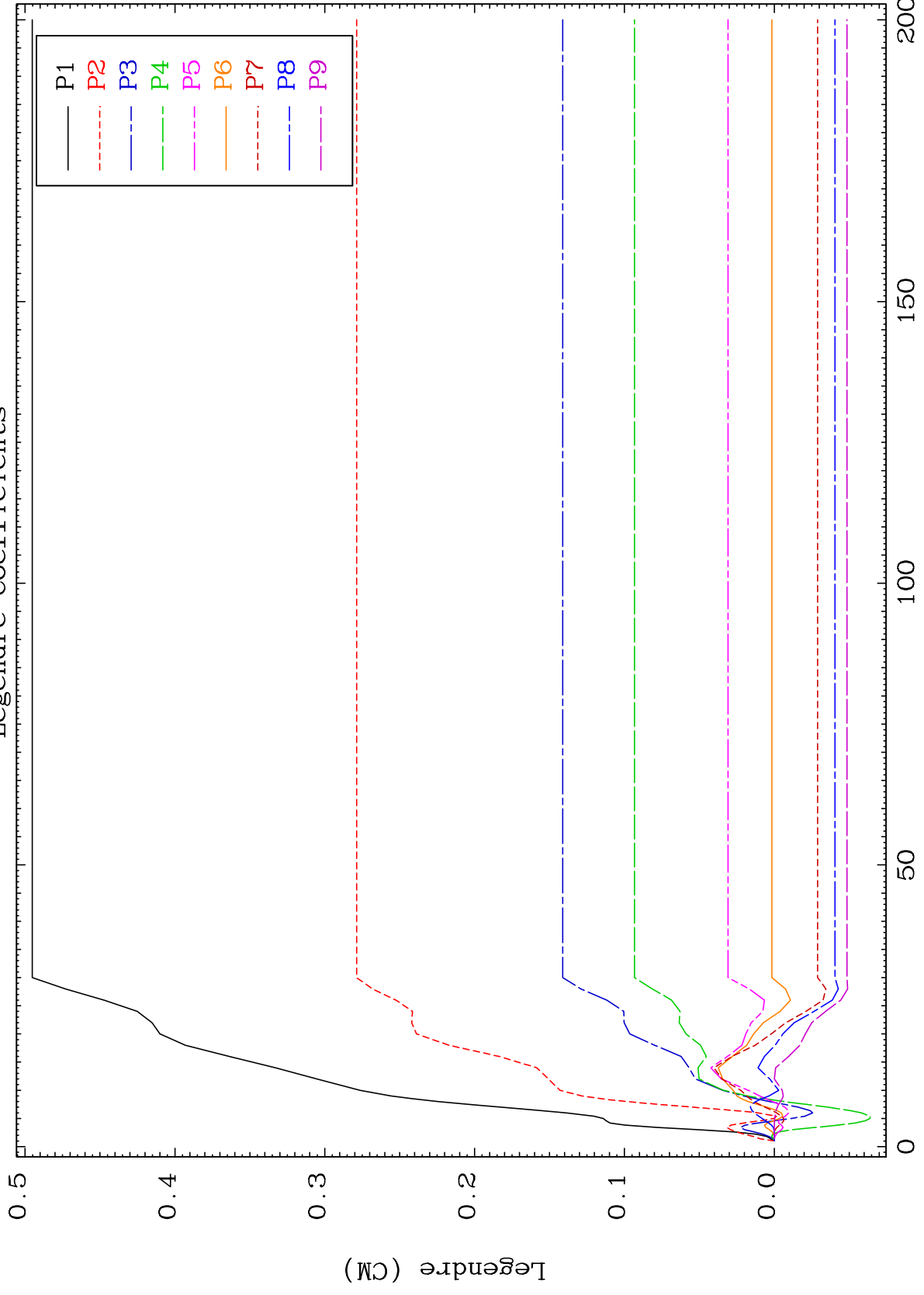


49-In-121

Incident Energy (MeV)

30

MAT 4949 MT= 54 (n,n') Level Legendre Coefficients 49-In-121

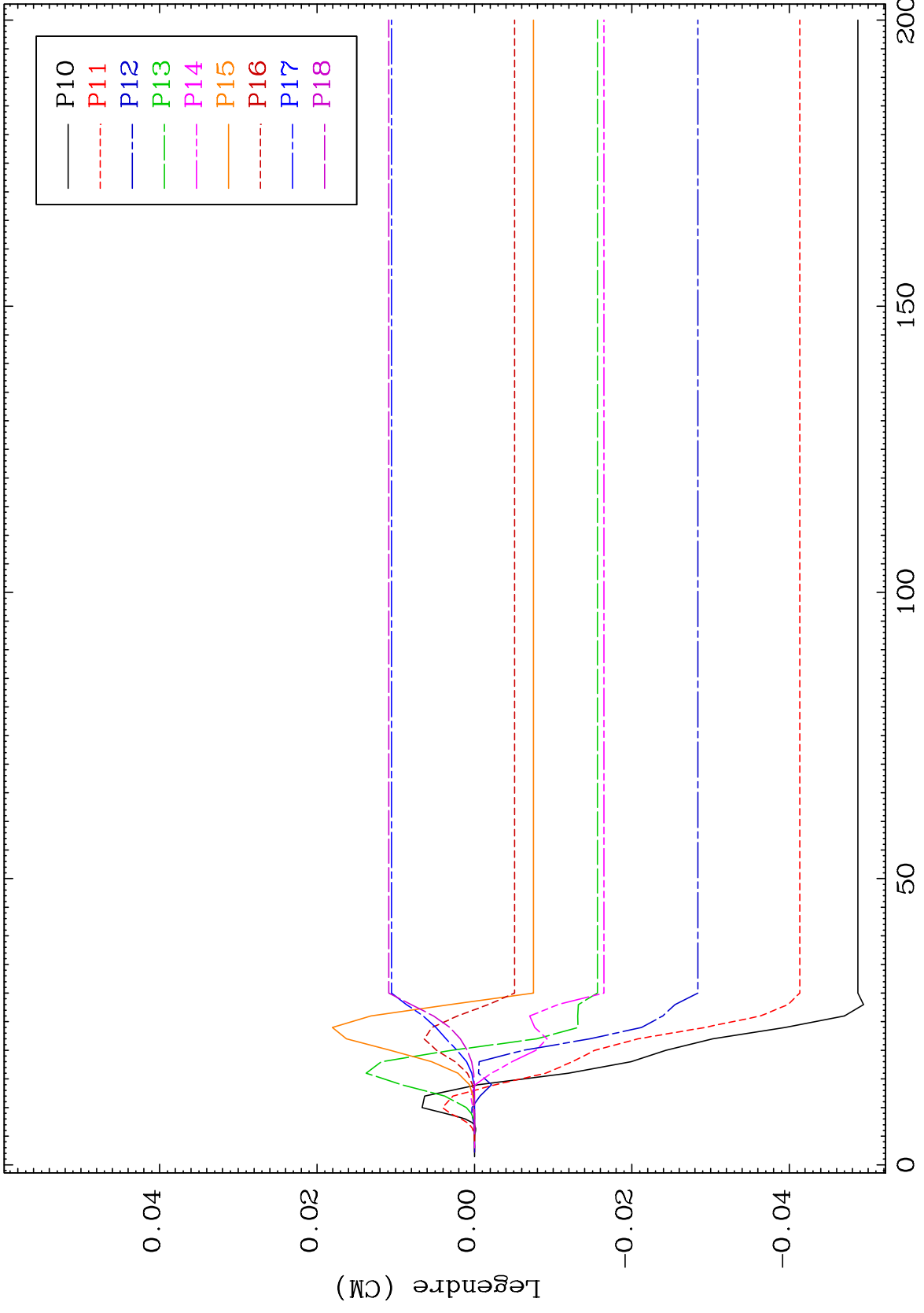


31 49-In-121

MAT 4949

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

49-In-121



32

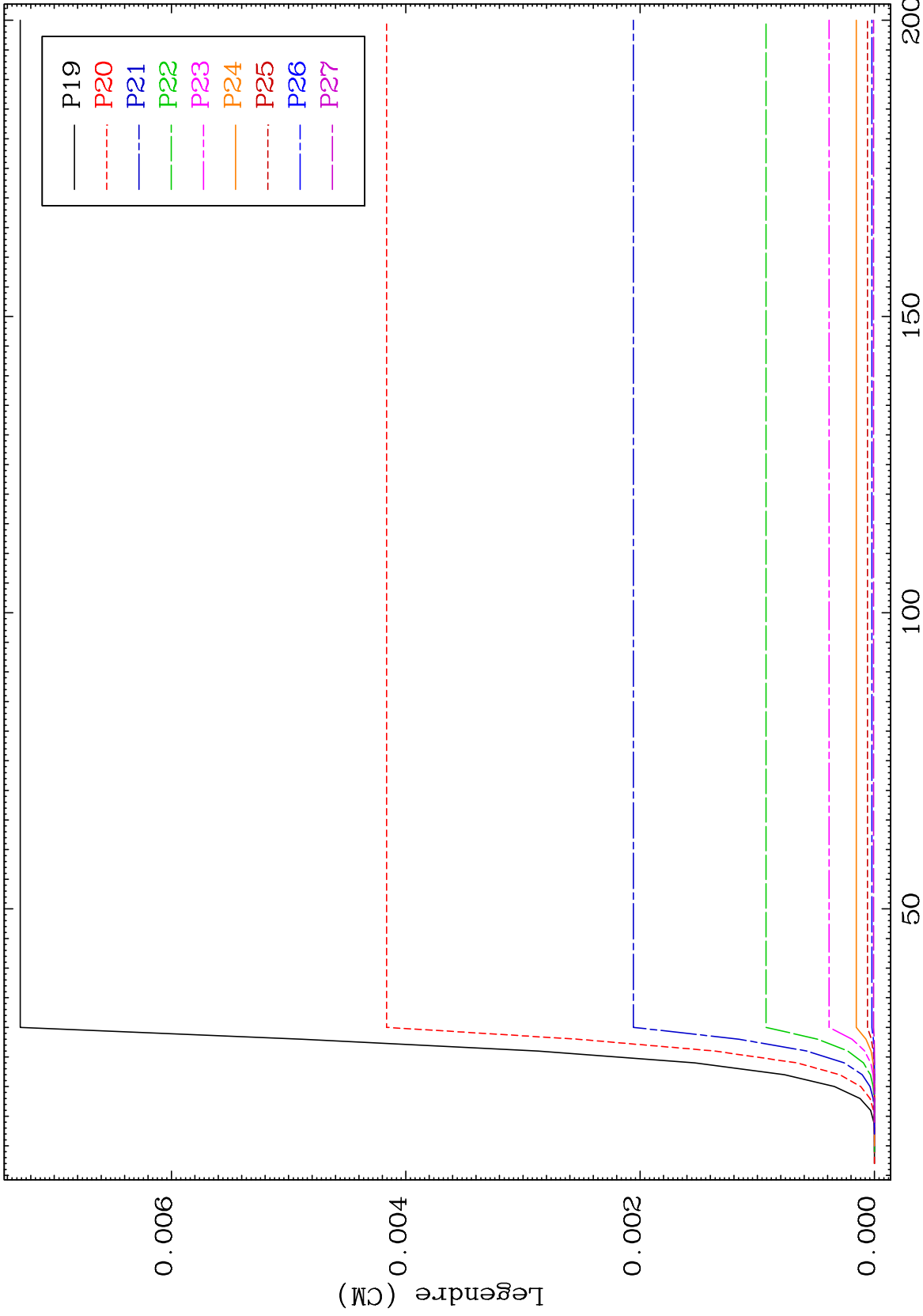
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



33

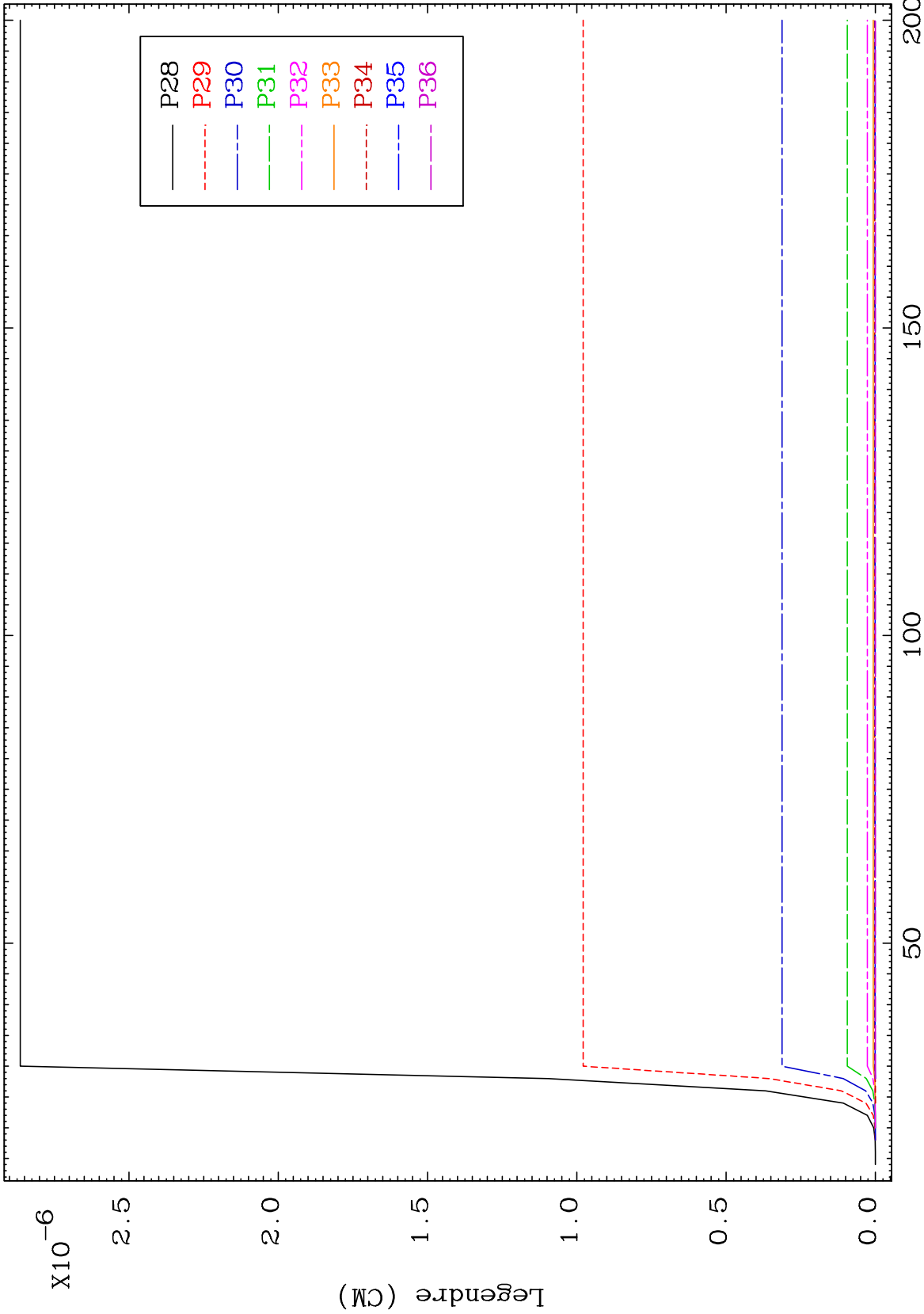
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



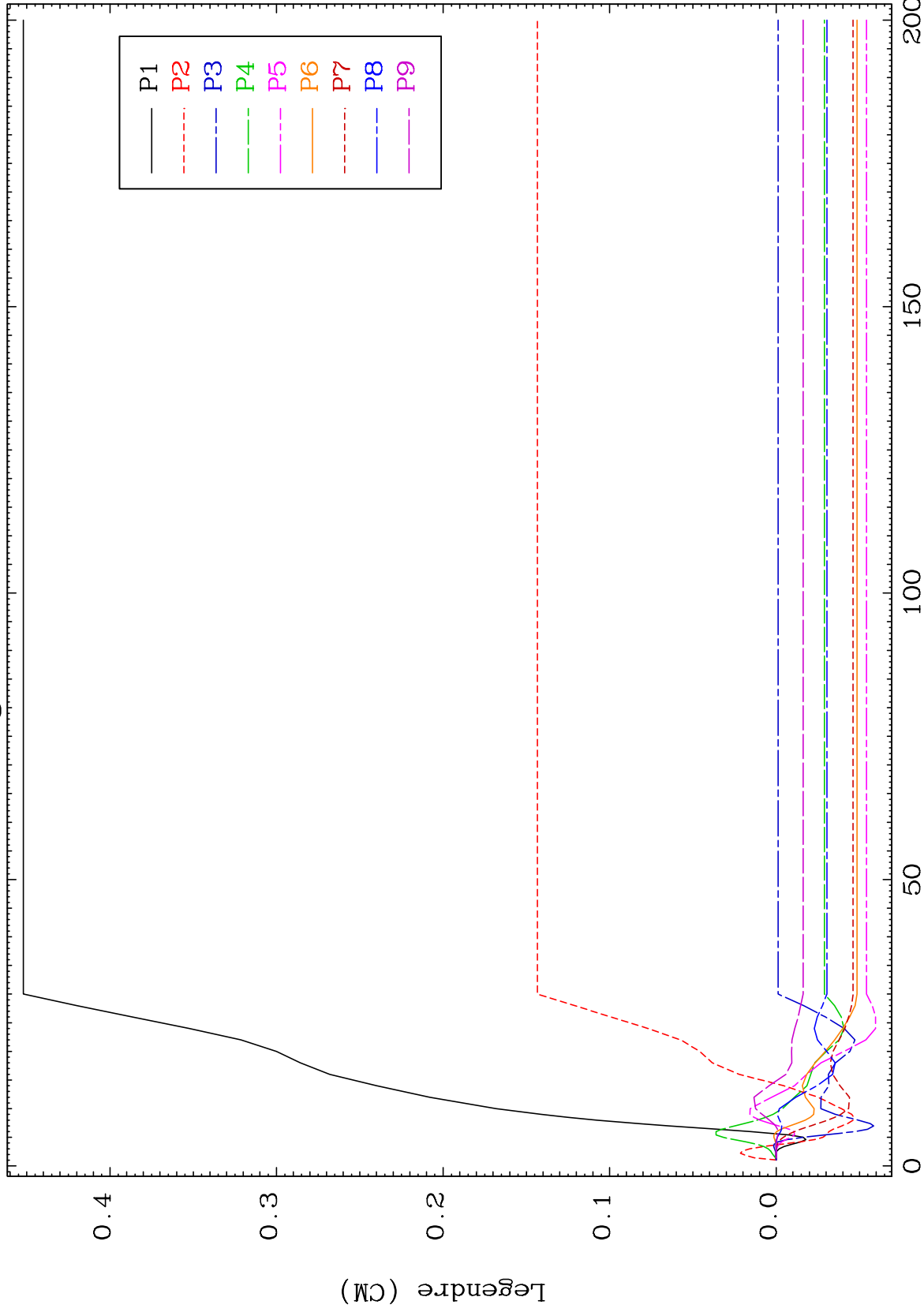
34

49-In-121

MAT 4949

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

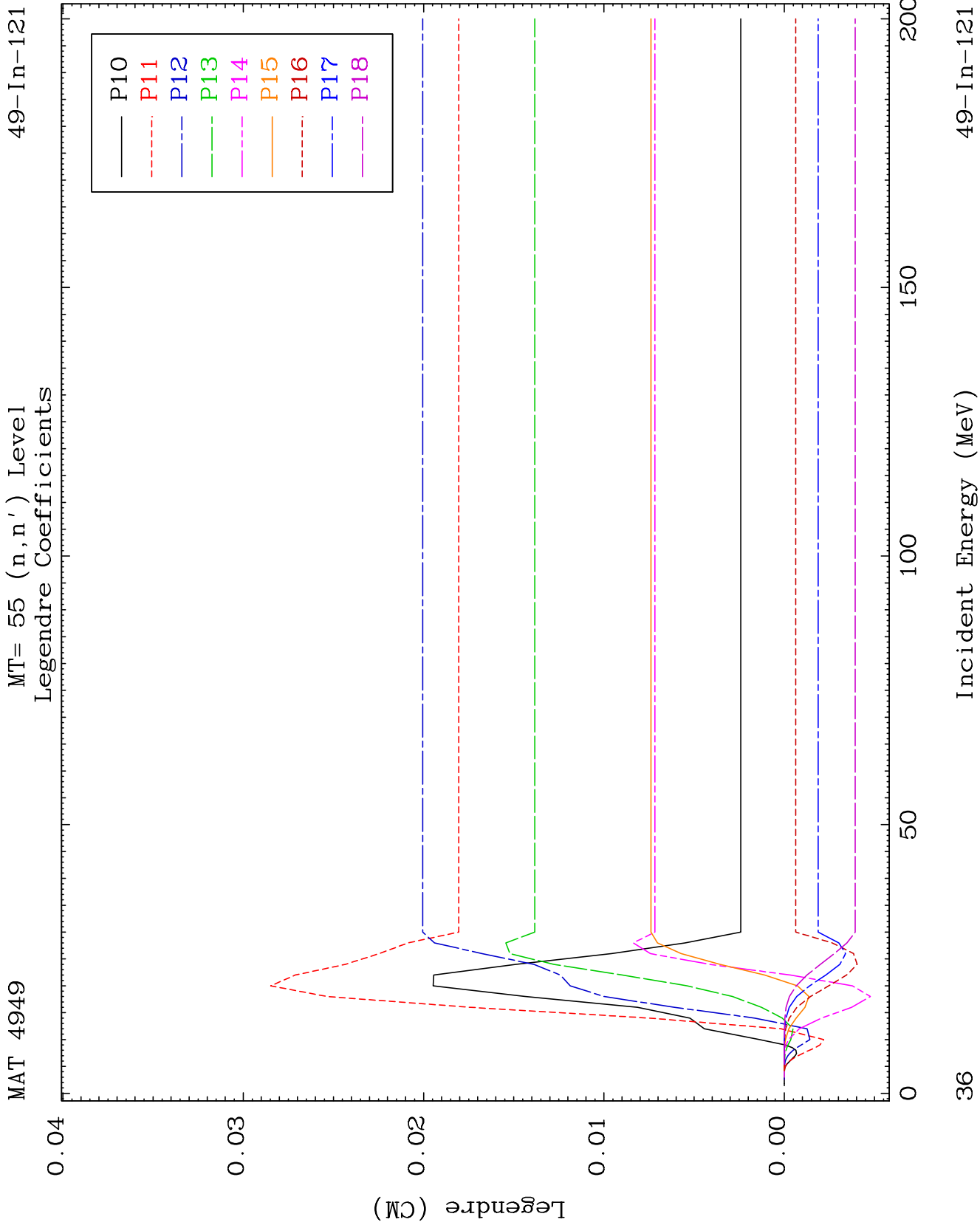
49-In-121



35

Incident Energy (MeV)

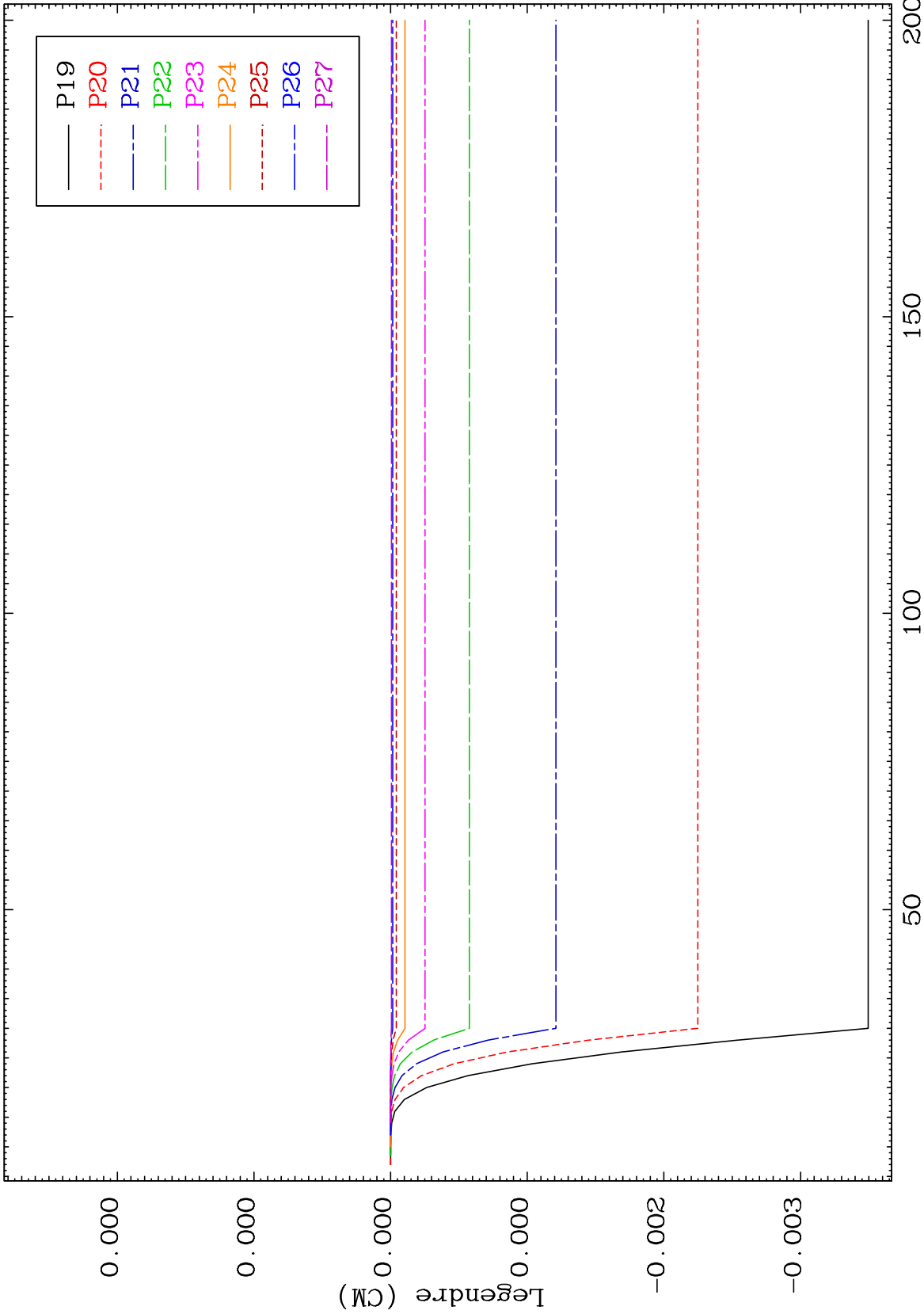
49-In-121



MAT 4949

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

49-In-121



37

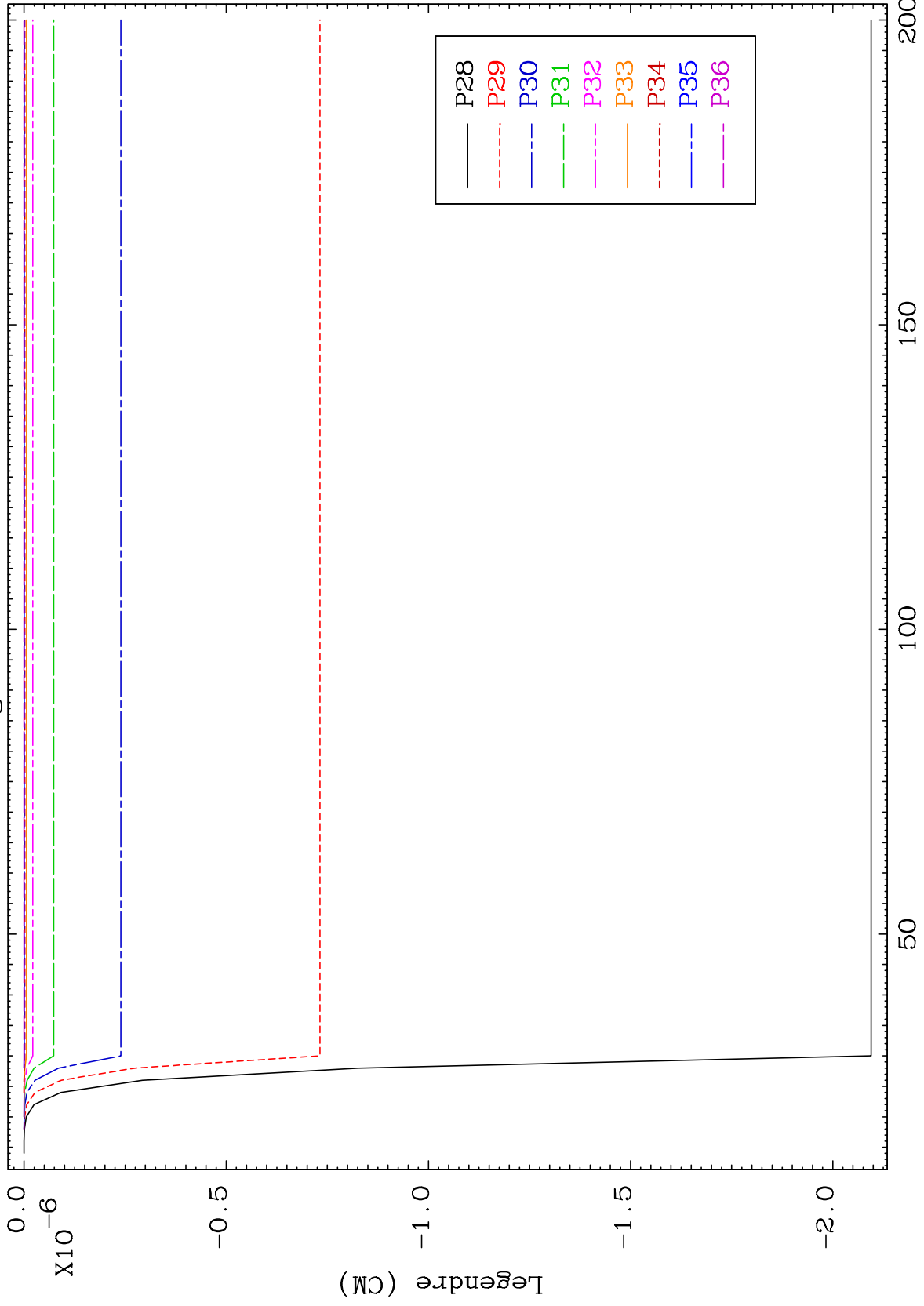
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121

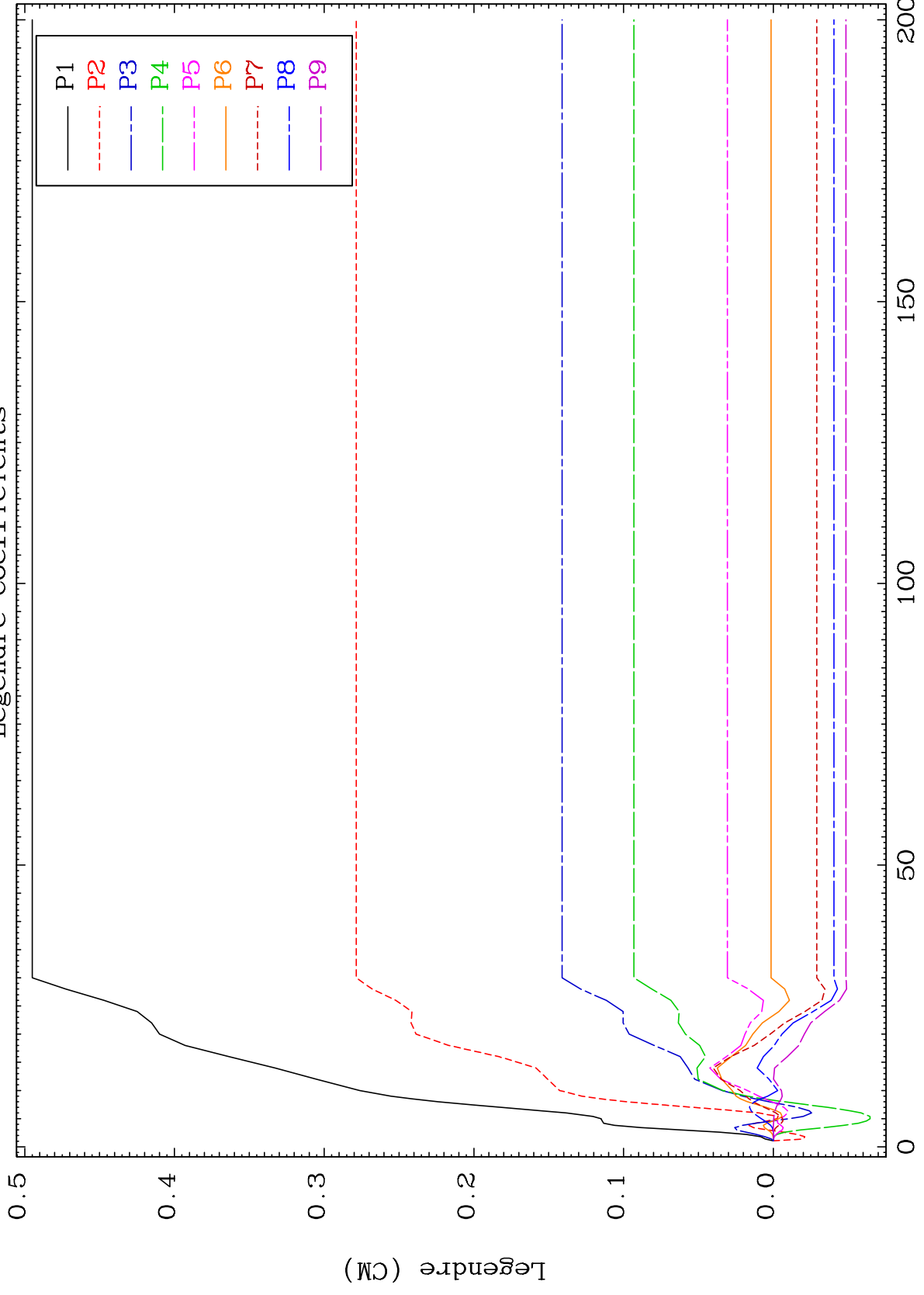


49-In-121

Incident Energy (MeV)

38

MAT 4949 MT= 56 (n,n') Level Legendre Coefficients 49-In-121

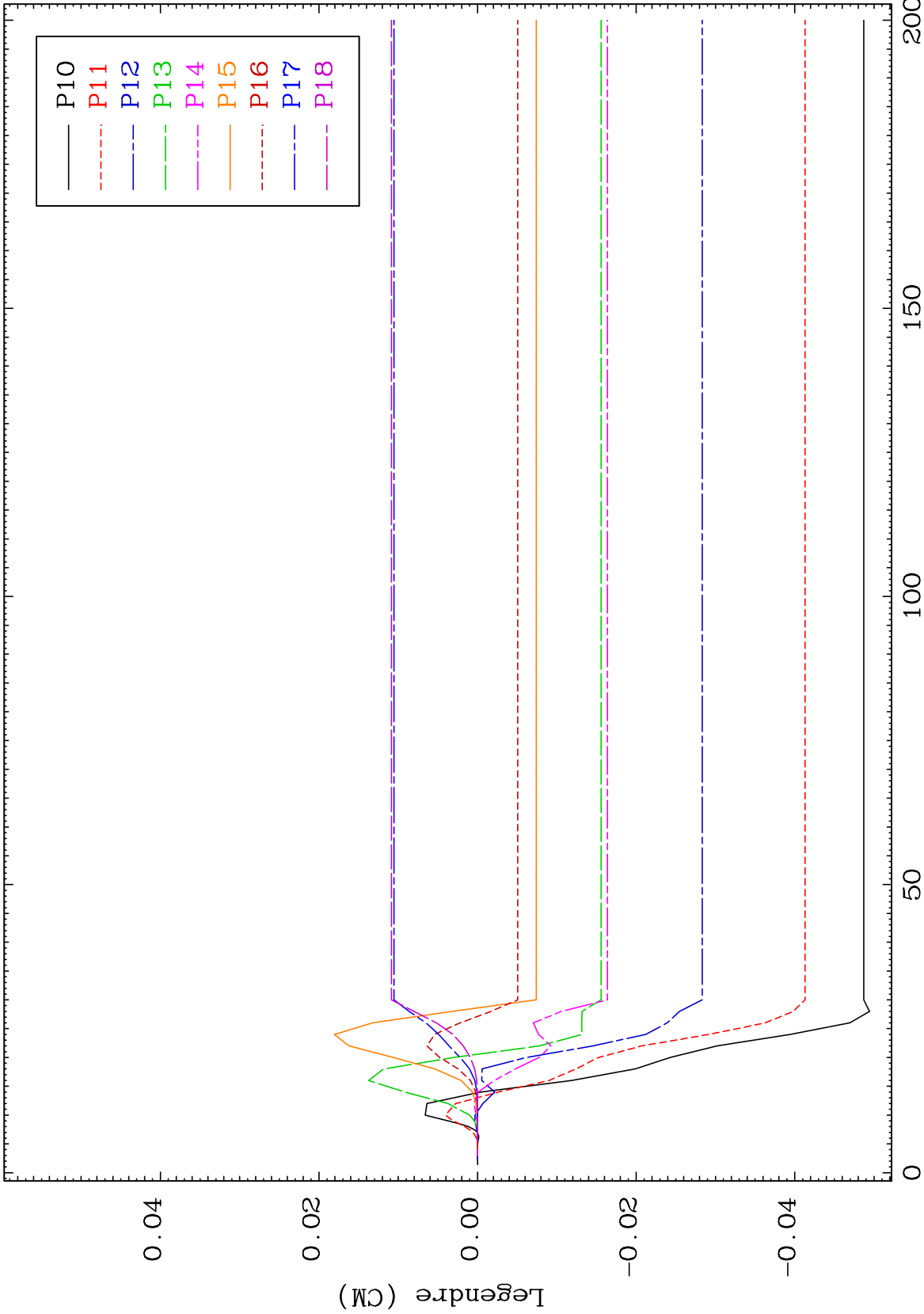


39 49-In-121

MAT 4949

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

49-In-121



40

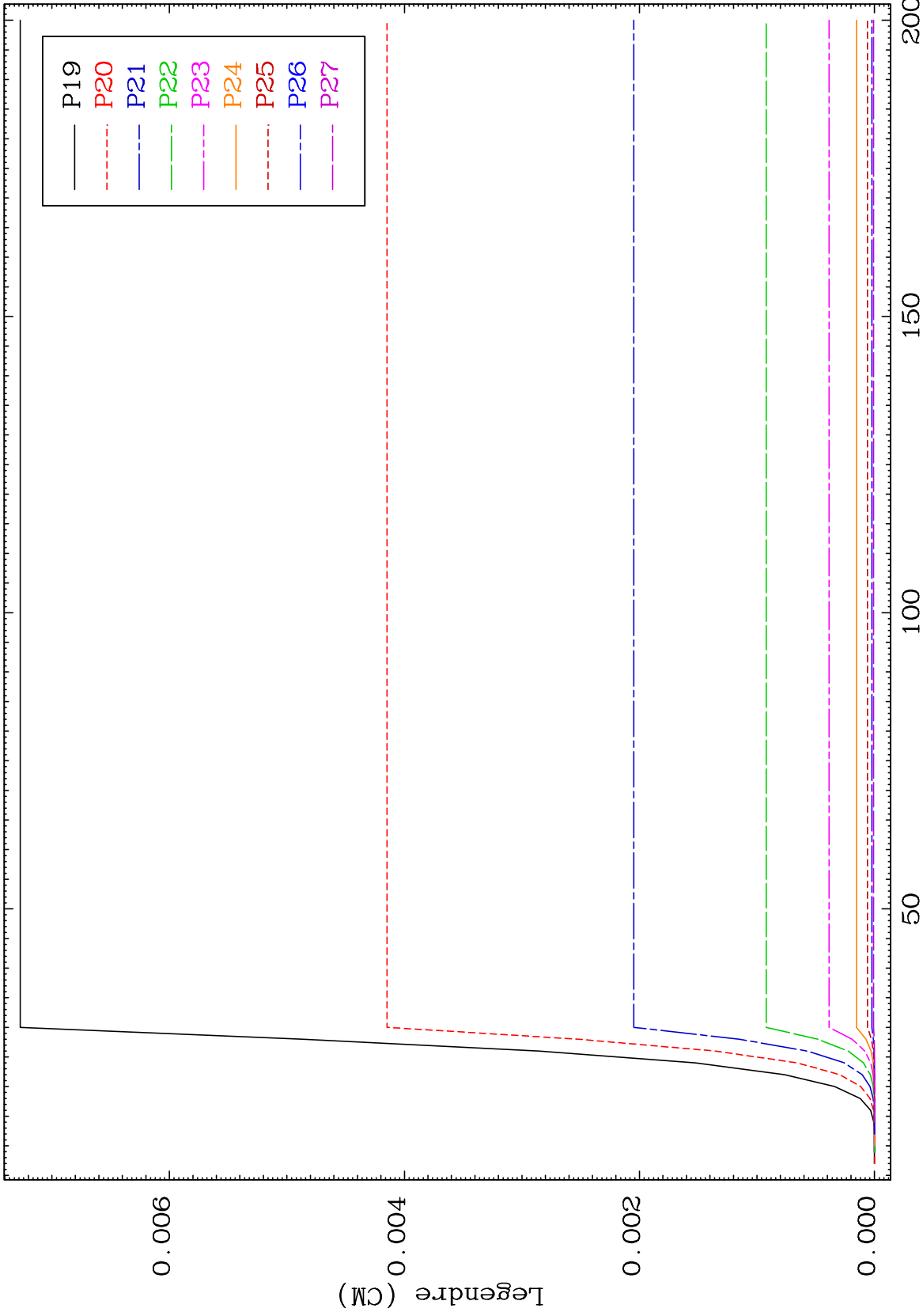
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



41

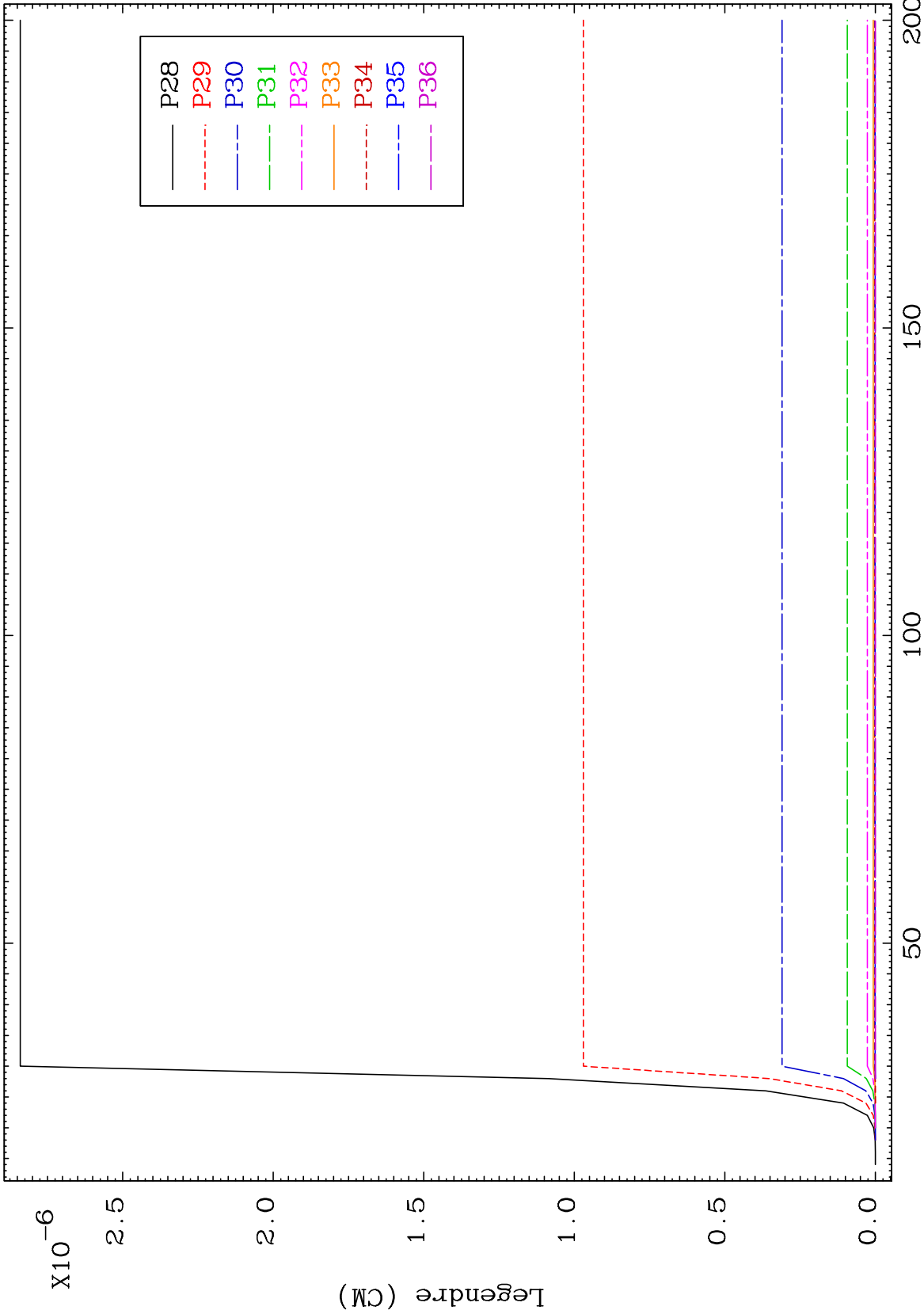
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



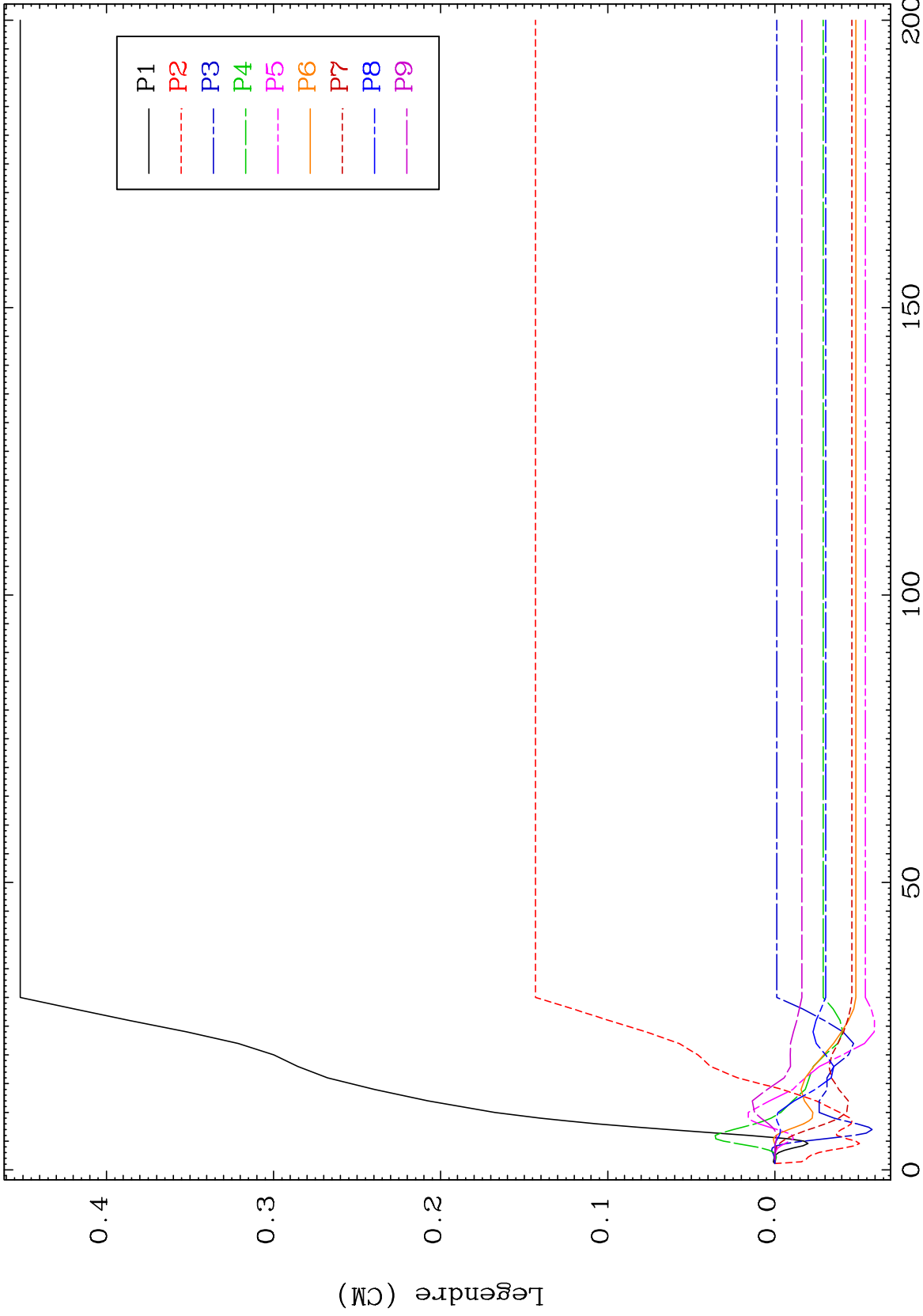
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49-In-121

MAT 4949

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

49-In-121



43

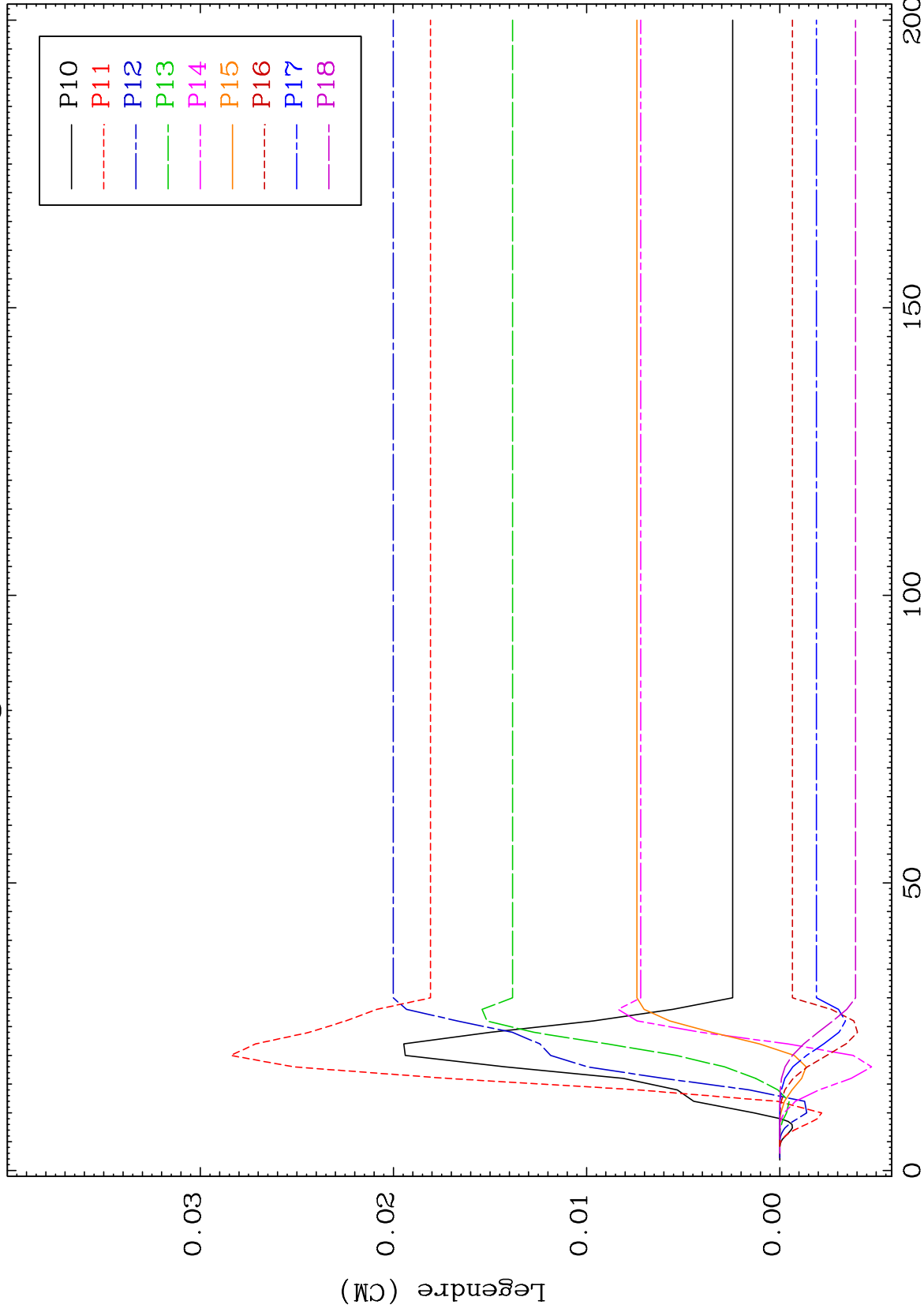
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



44

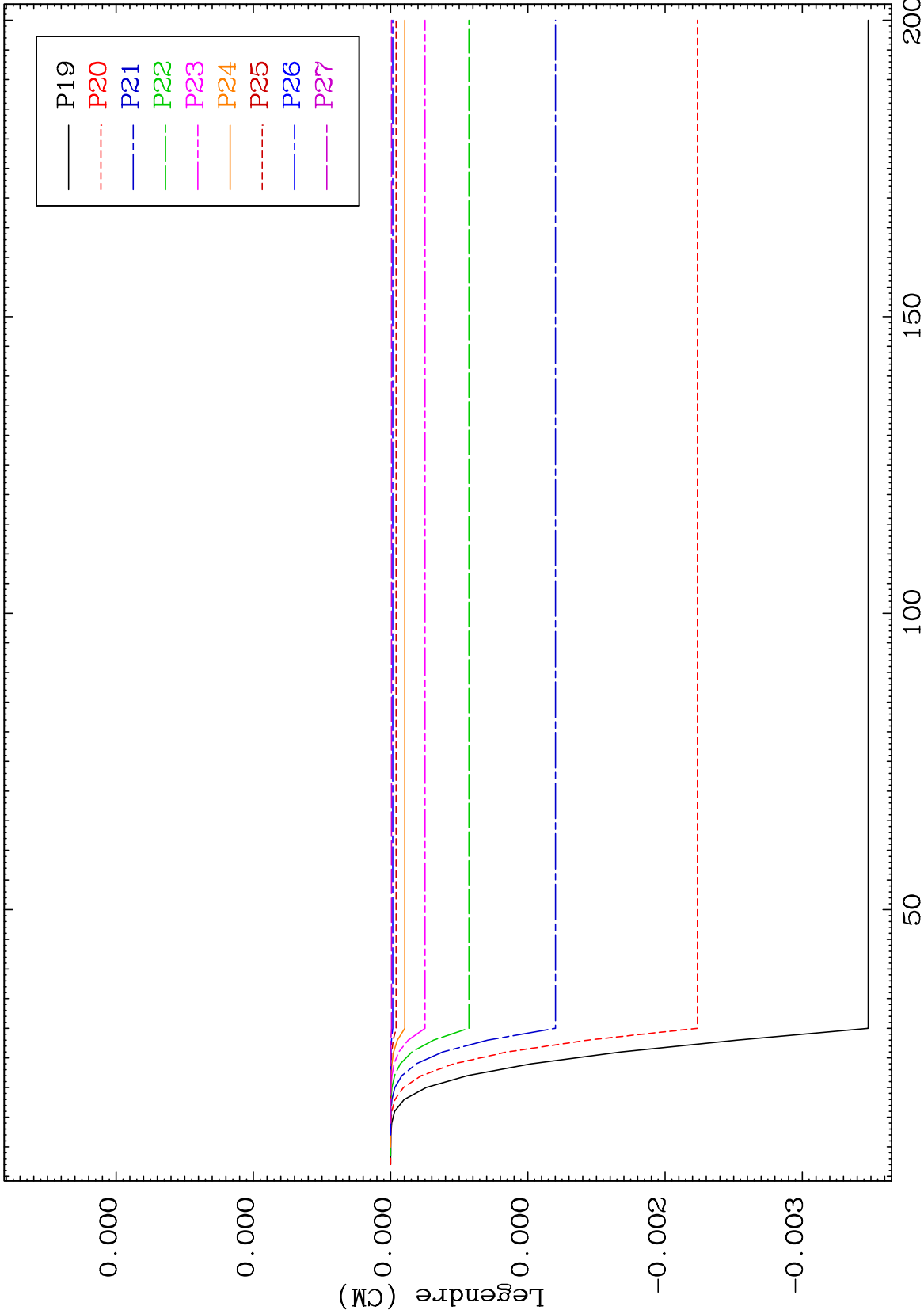
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121

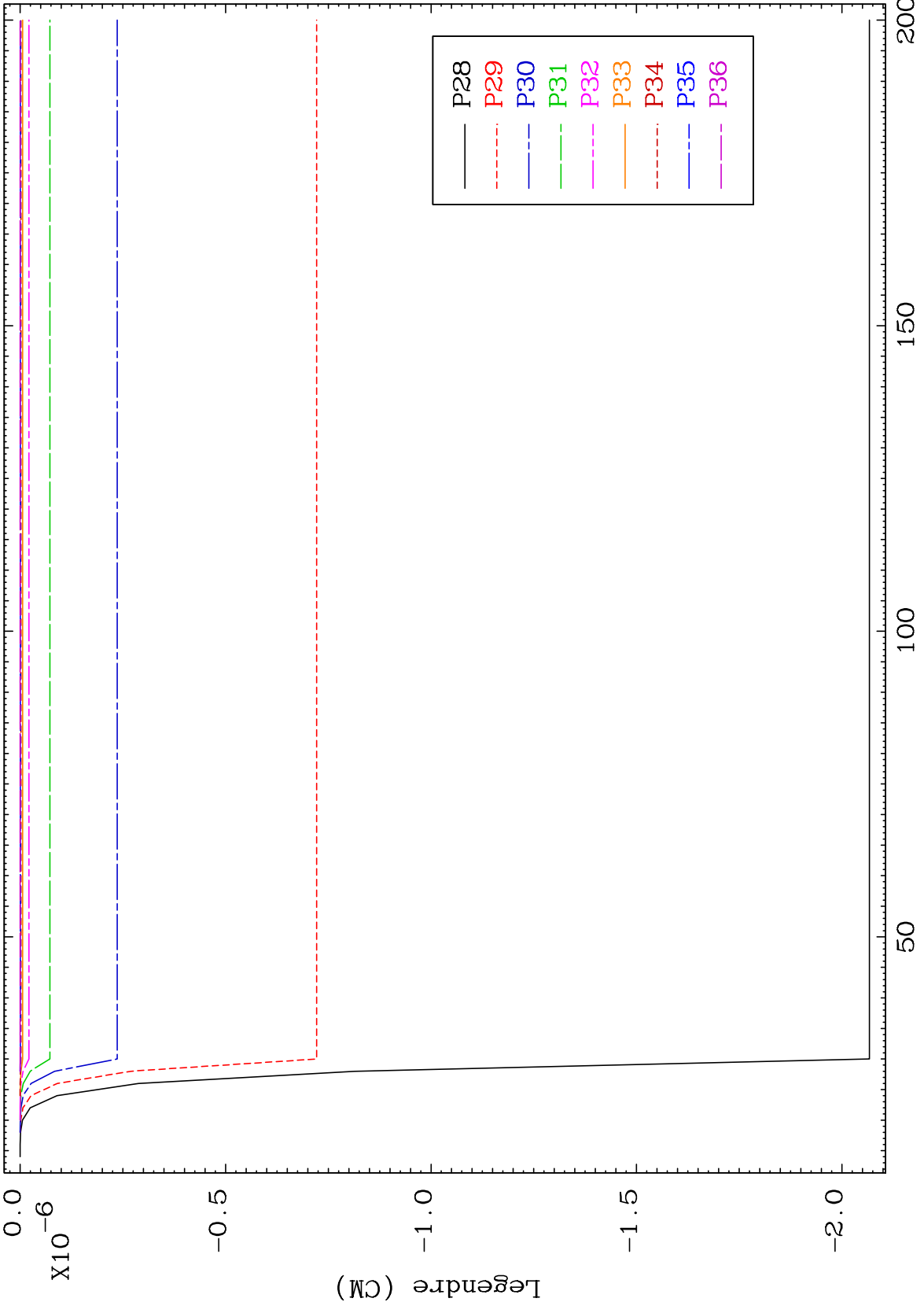


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Incident Energy (MeV)

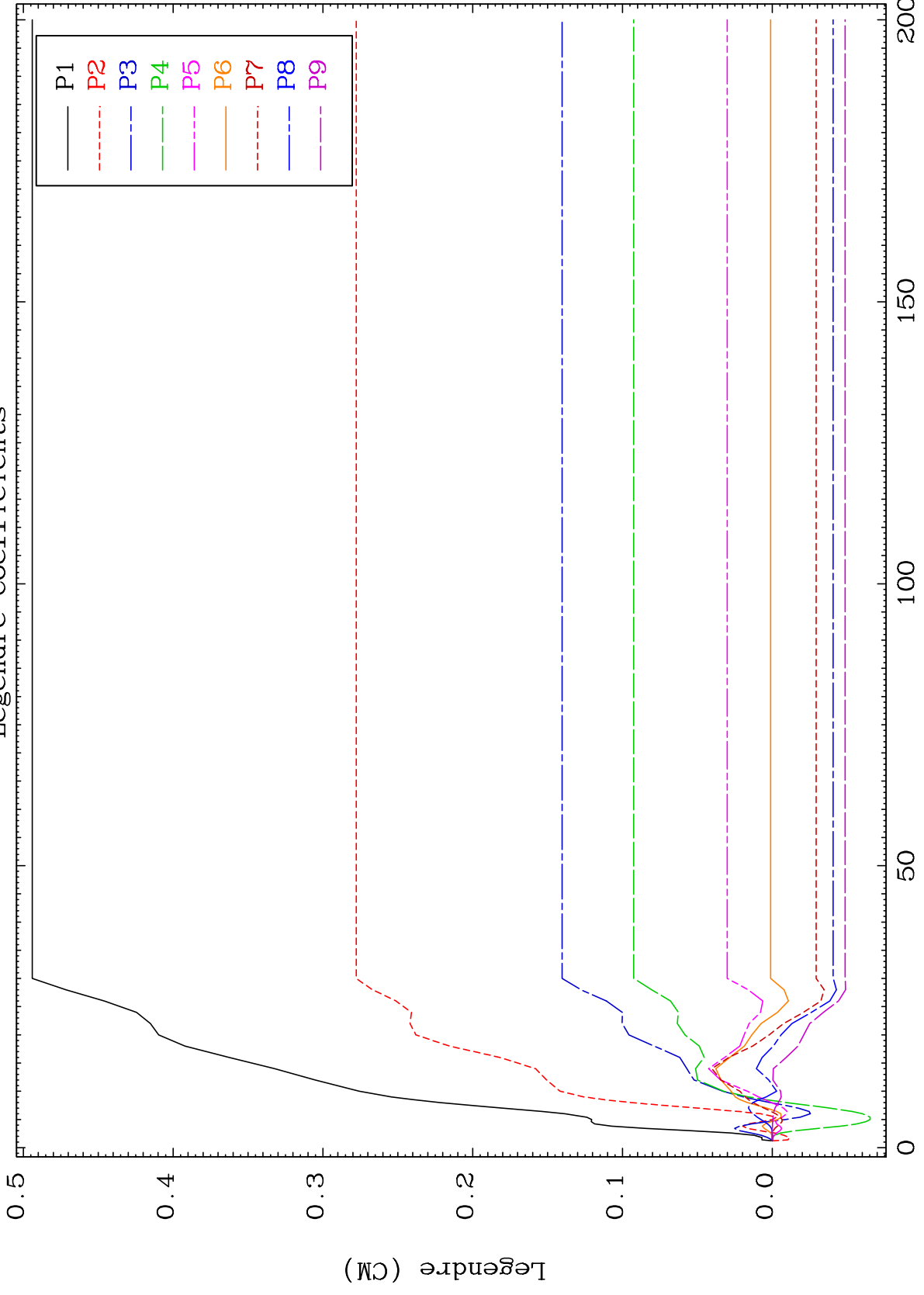
49-In-121

MAT 4949 MT= 57 (n,n') Level Legendre Coefficients 49-In-121



46 Incident Energy (MeV) 49-In-121

MAT 4949 MT= 58 (n,n') Level Legendre Coefficients 49-In-121

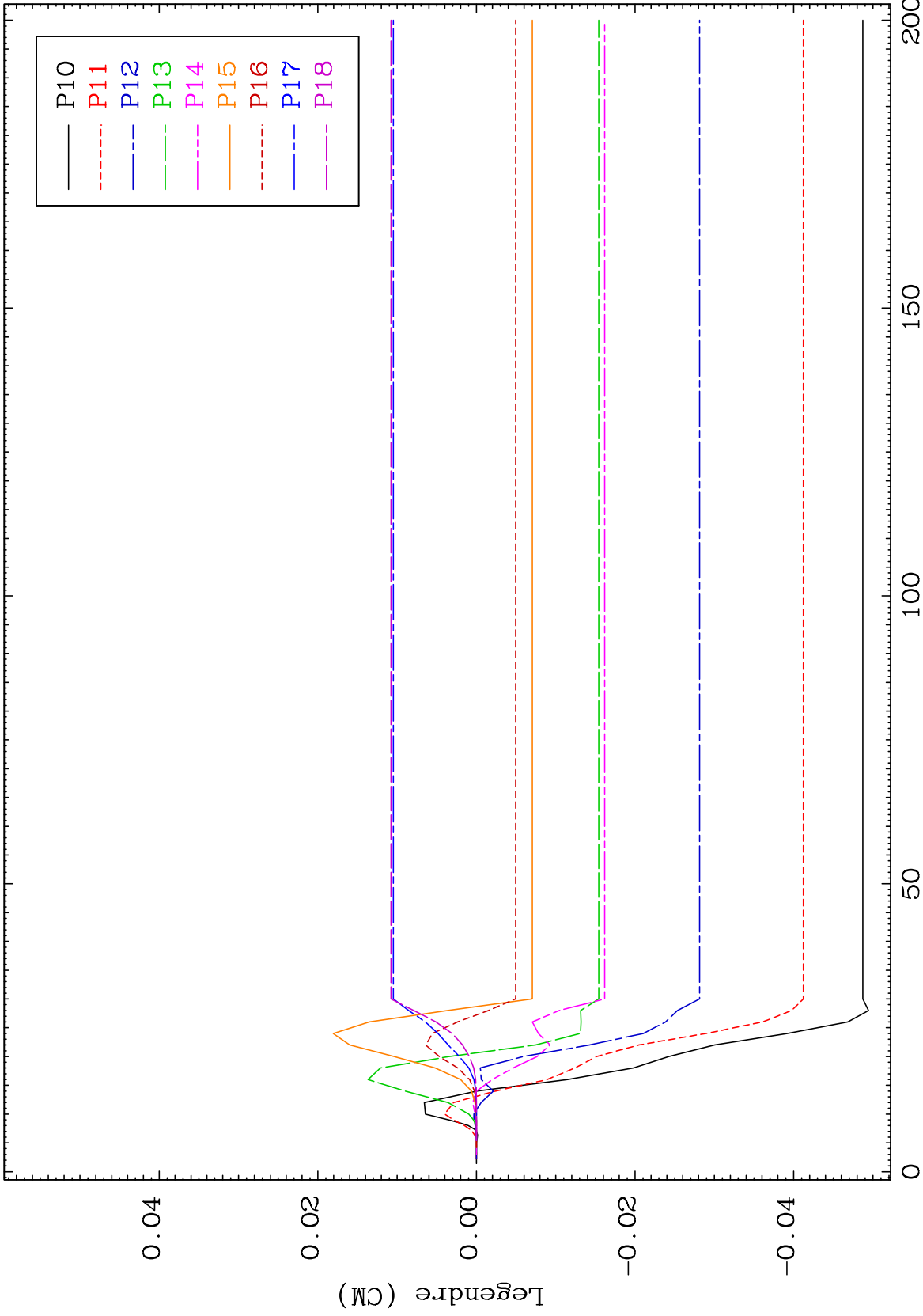


47 49-In-121

MAT 4949

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

49-In-121



48

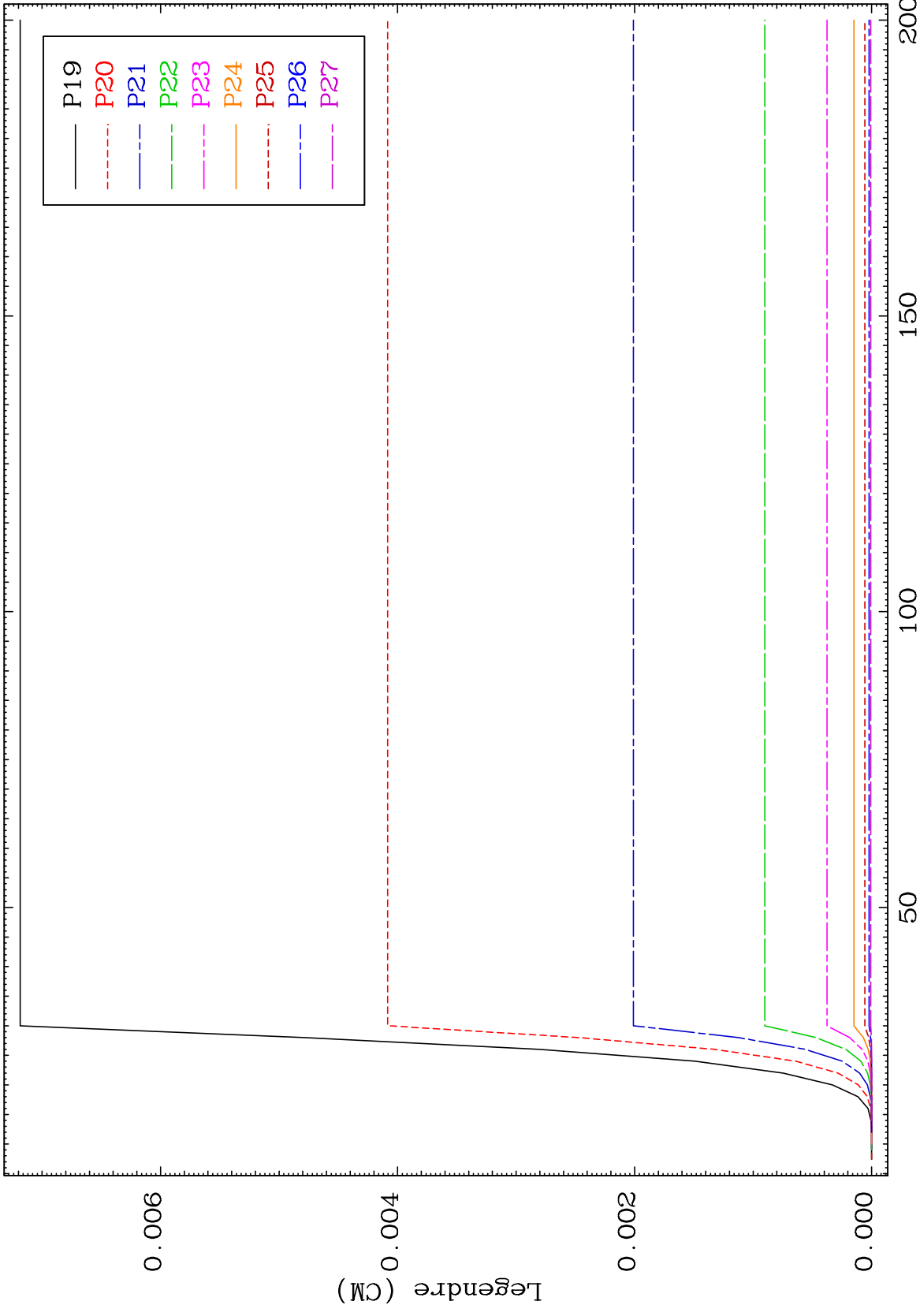
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



49

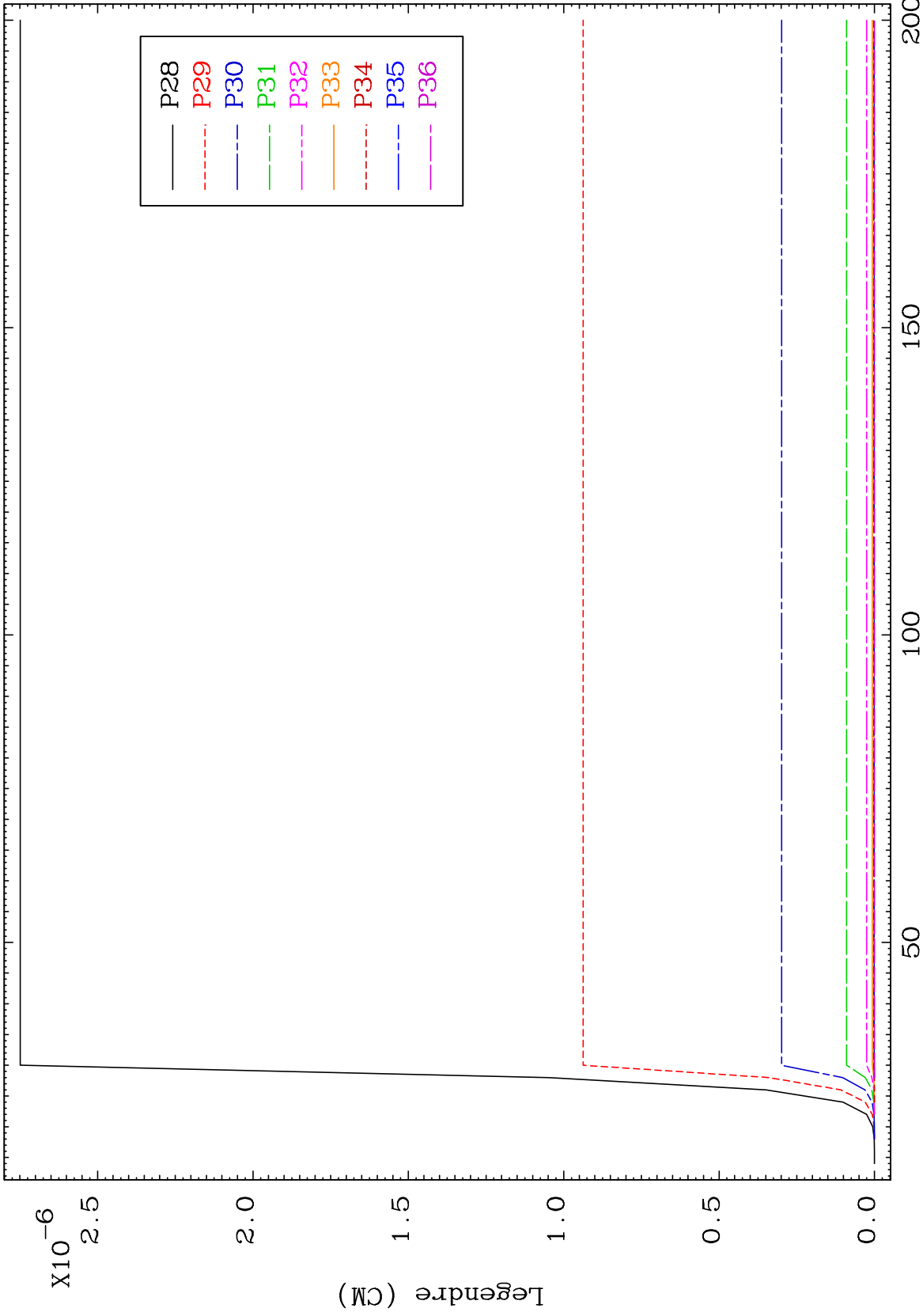
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



50

50

100

150

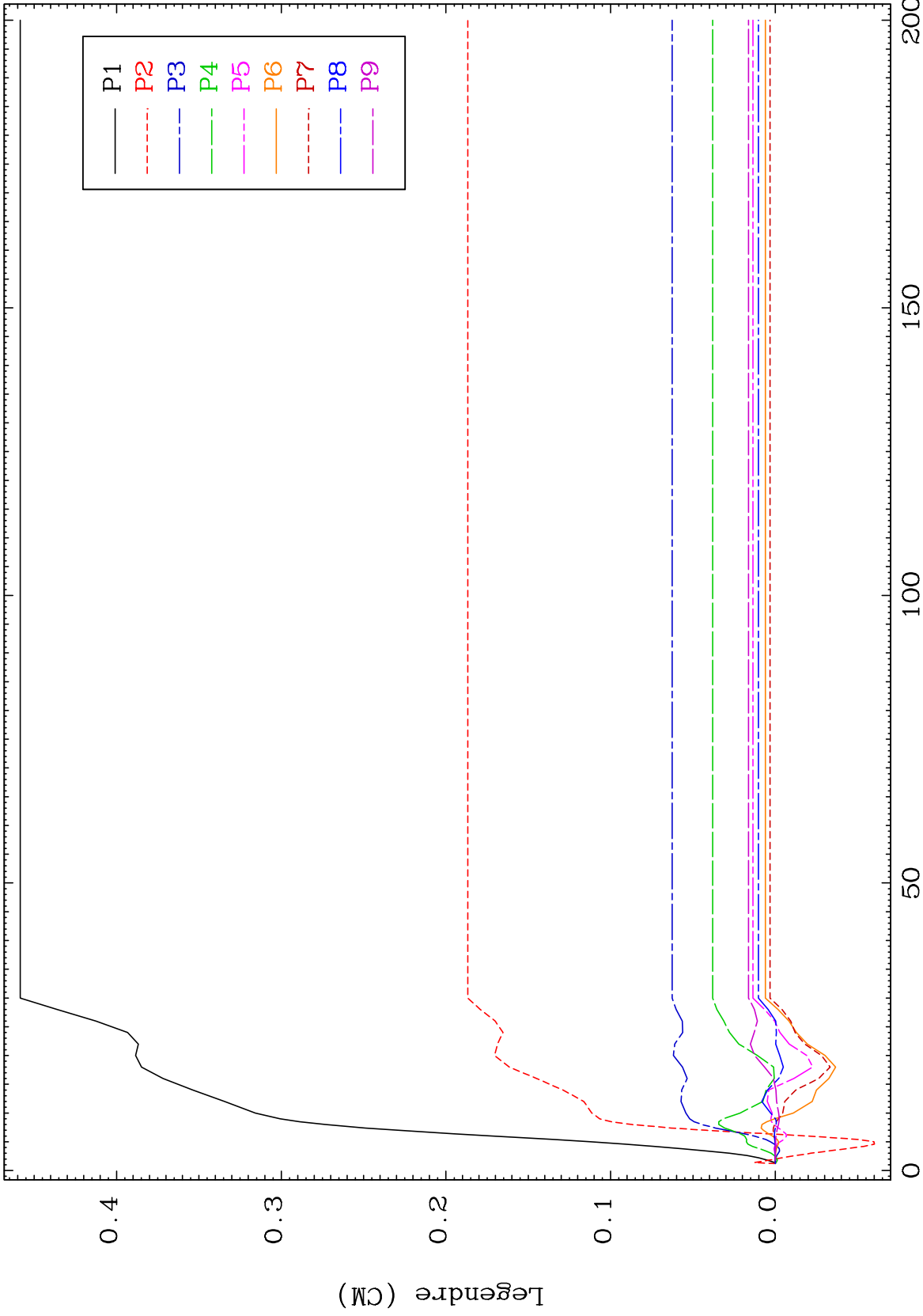
200

49-In-121

MAT 4949

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

49-In-121



51

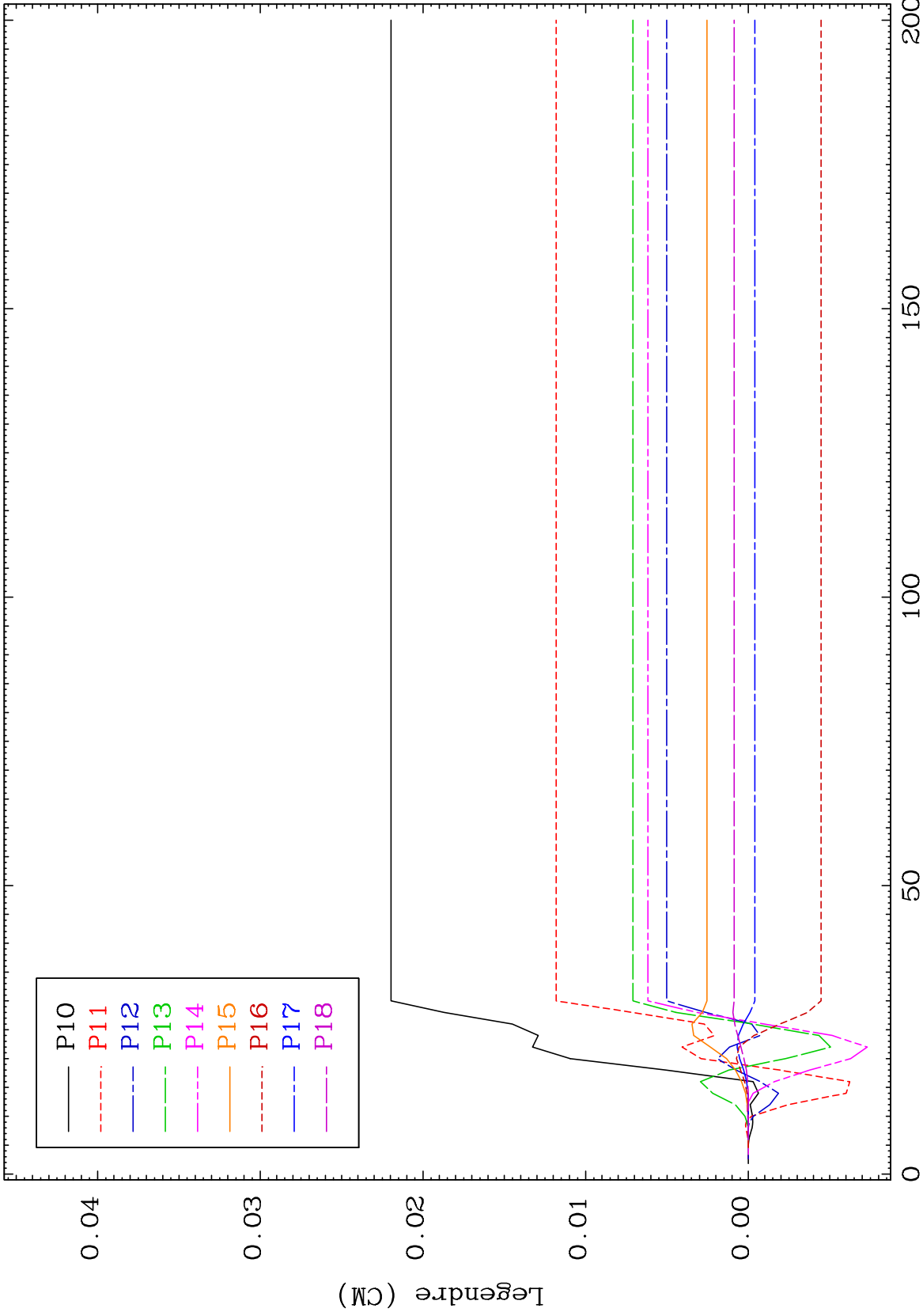
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



52

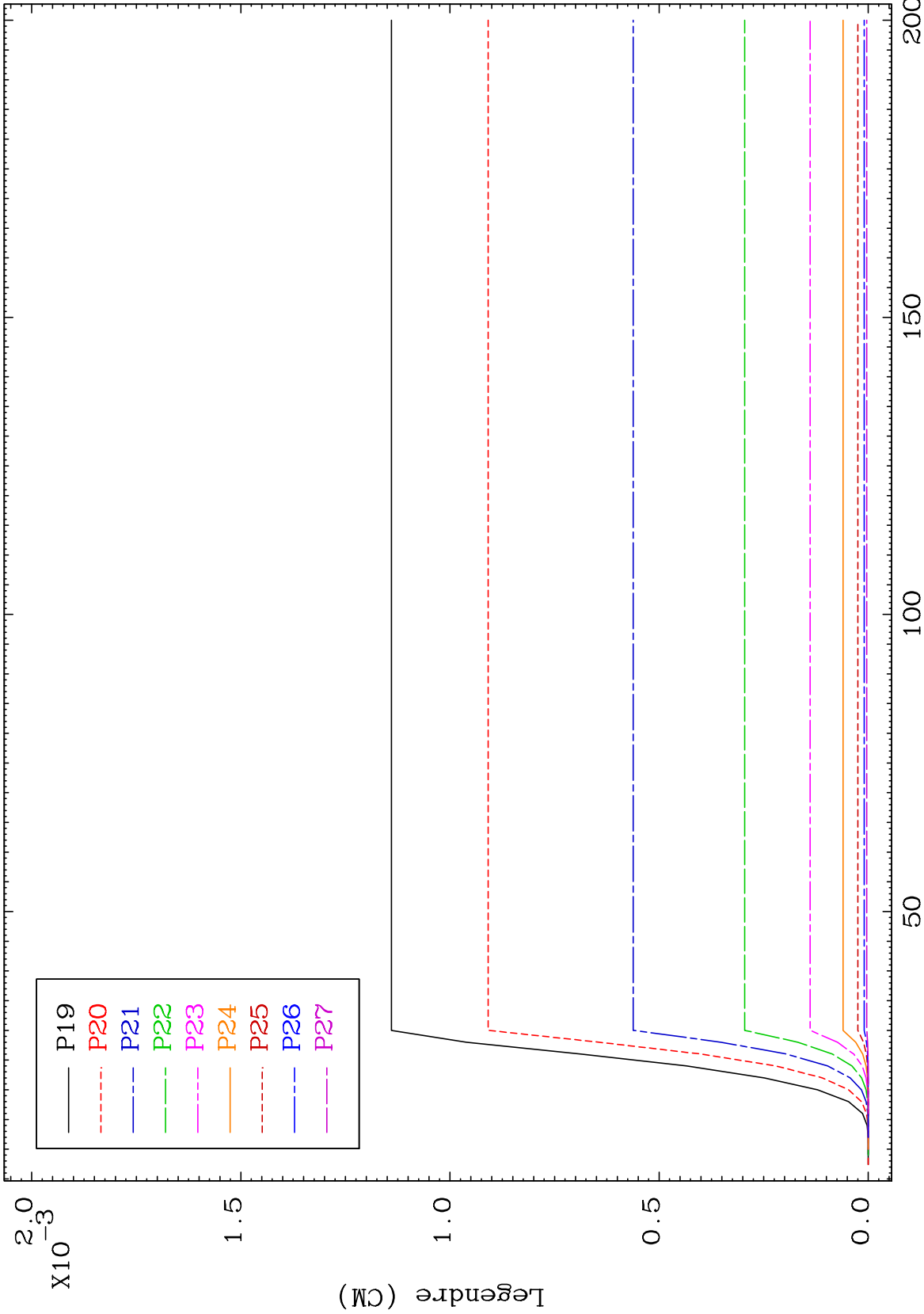
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



53

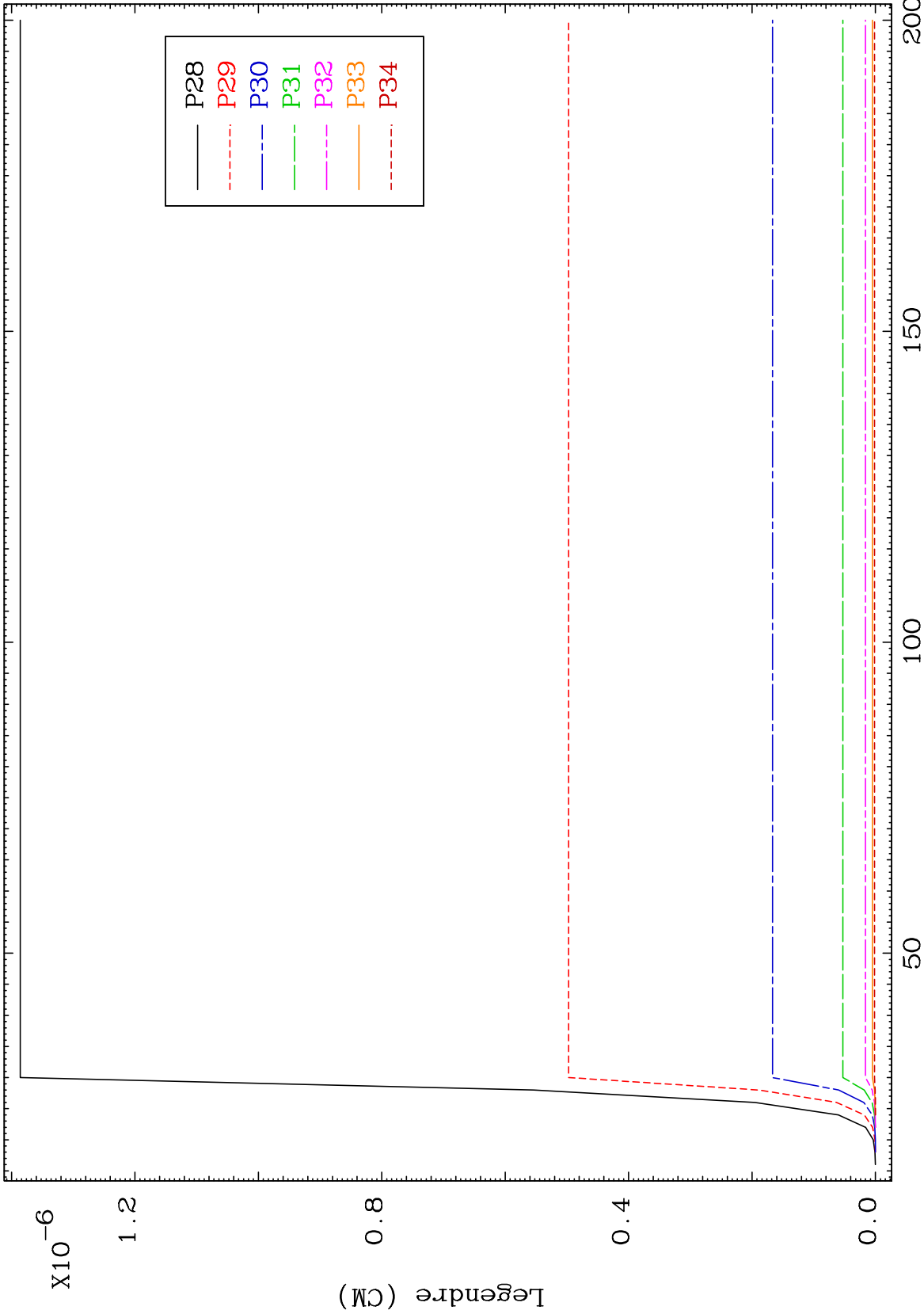
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121

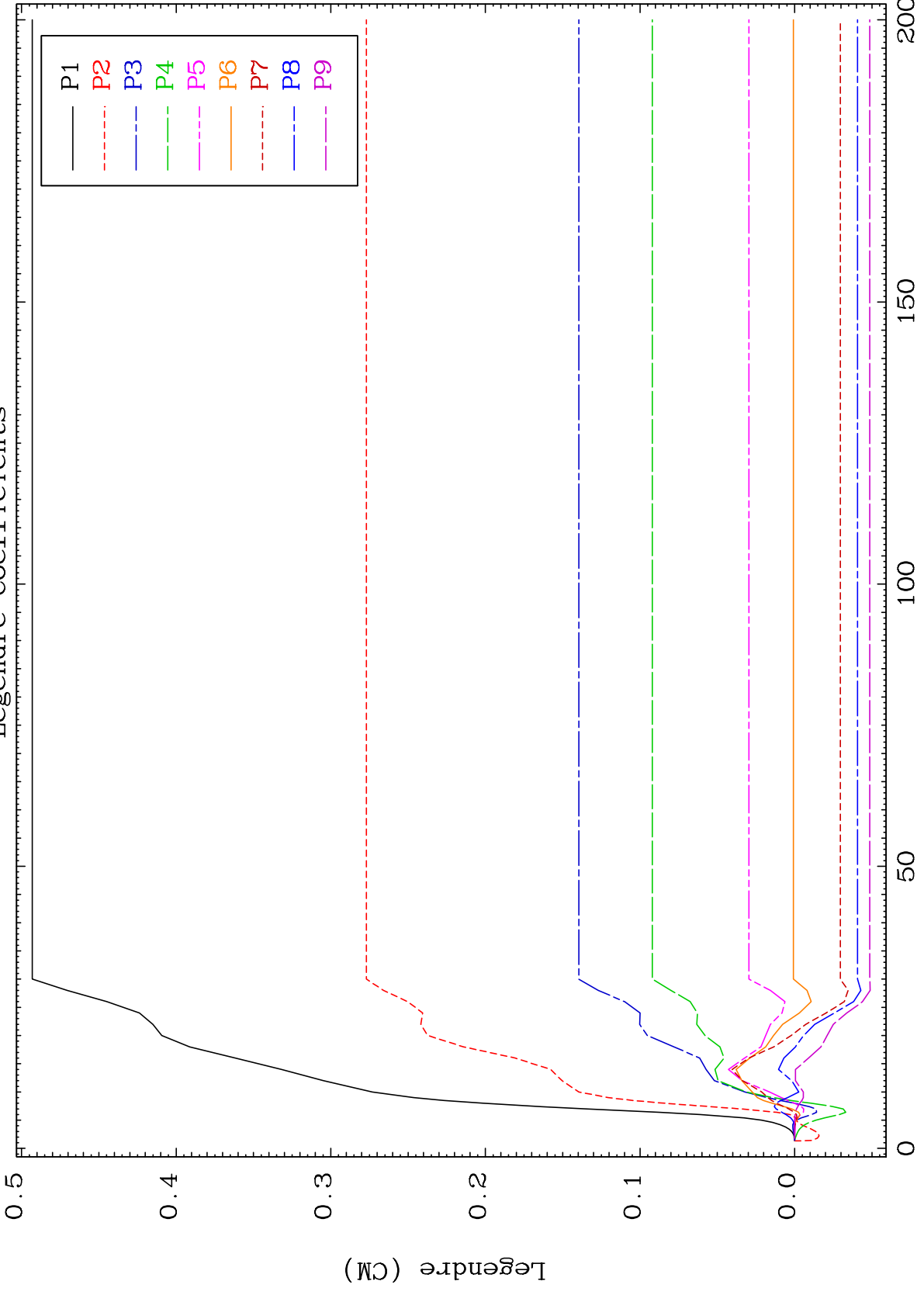


54

Incident Energy (MeV)

49-In-121

MAT 4949 MT= 60 (n,n') Level Legendre Coefficients 49-In-121

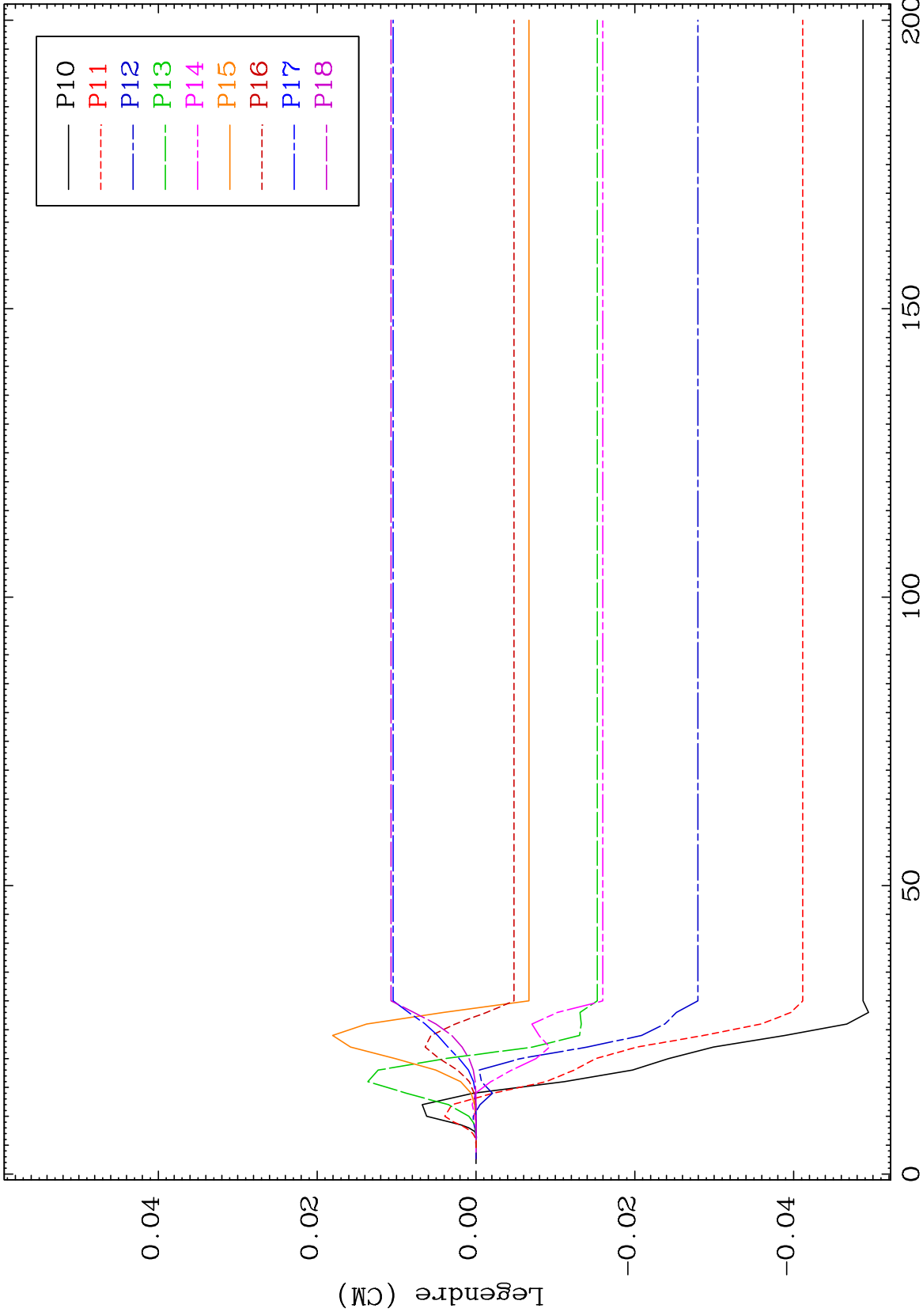


55 Incident Energy (MeV) 49-In-121

MAT 4949

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

49-In-121



56

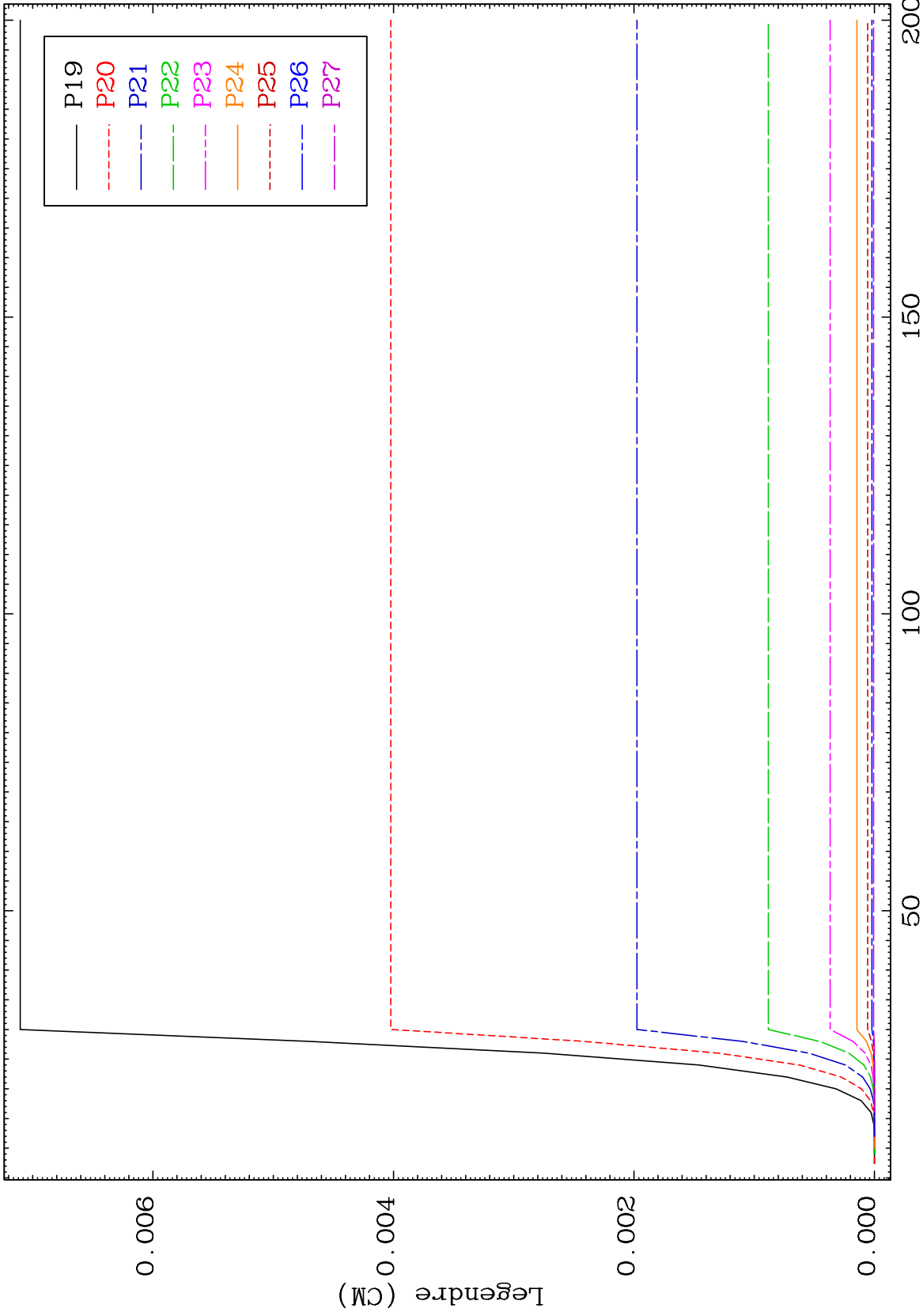
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



57

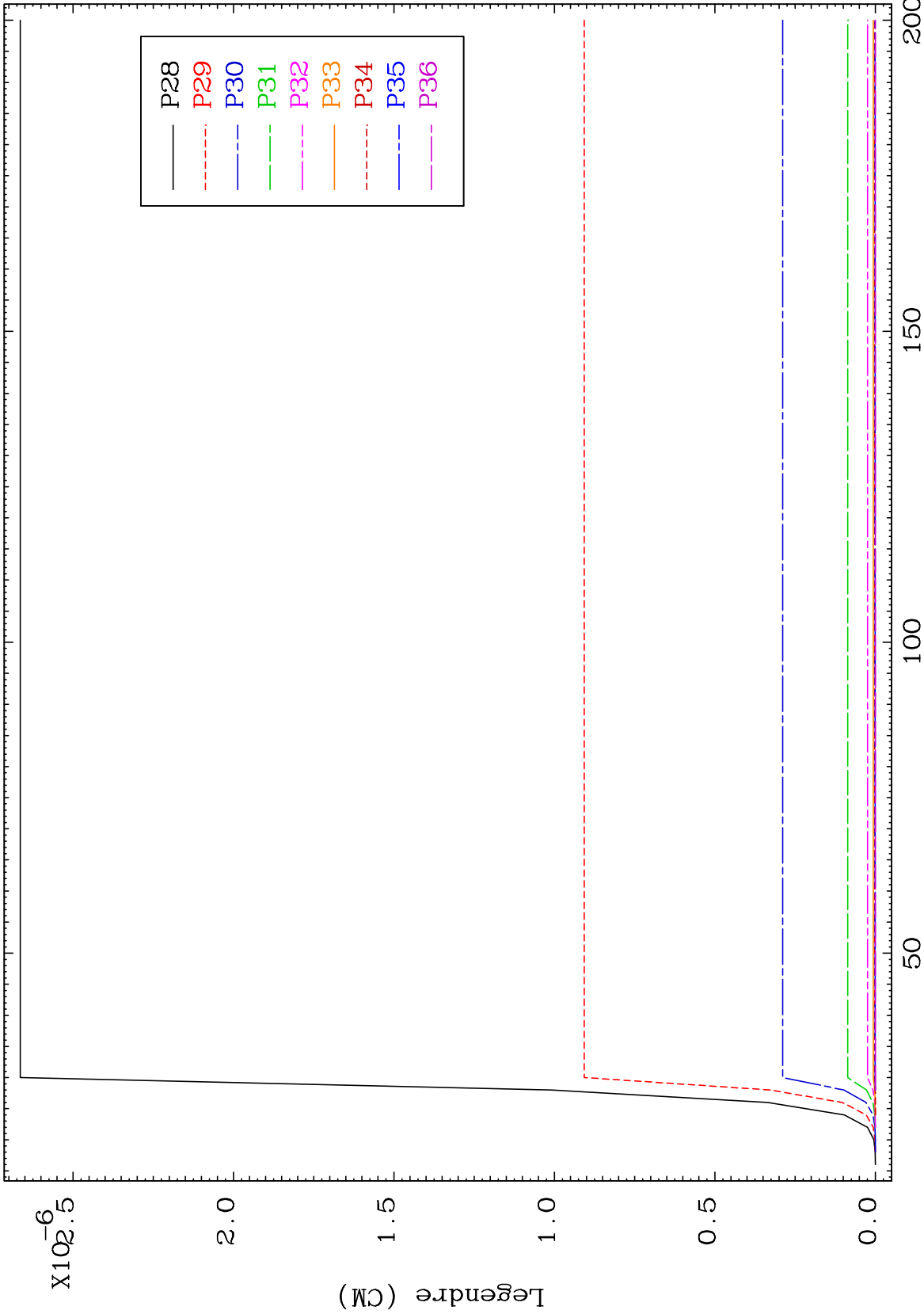
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



58

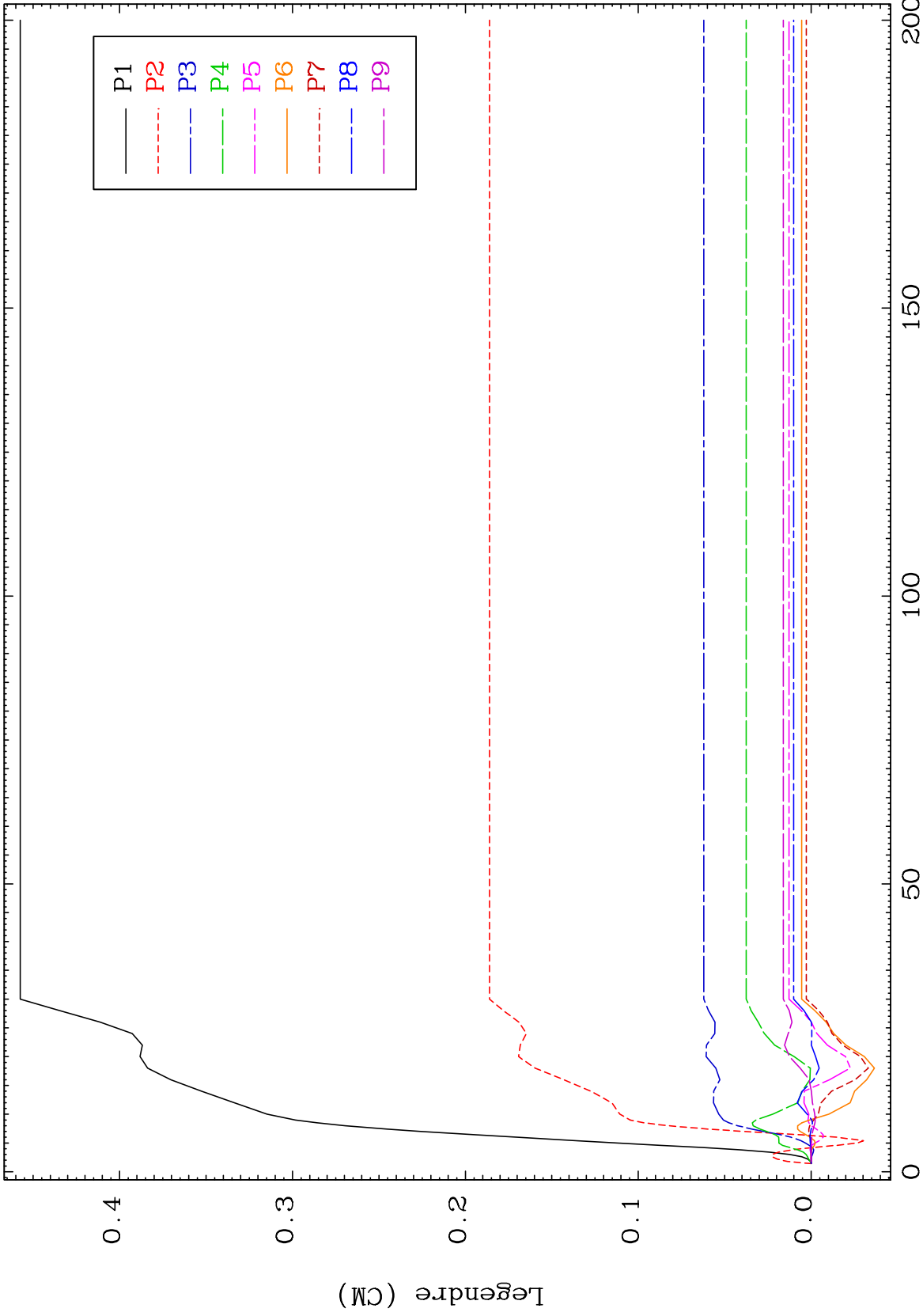
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



59

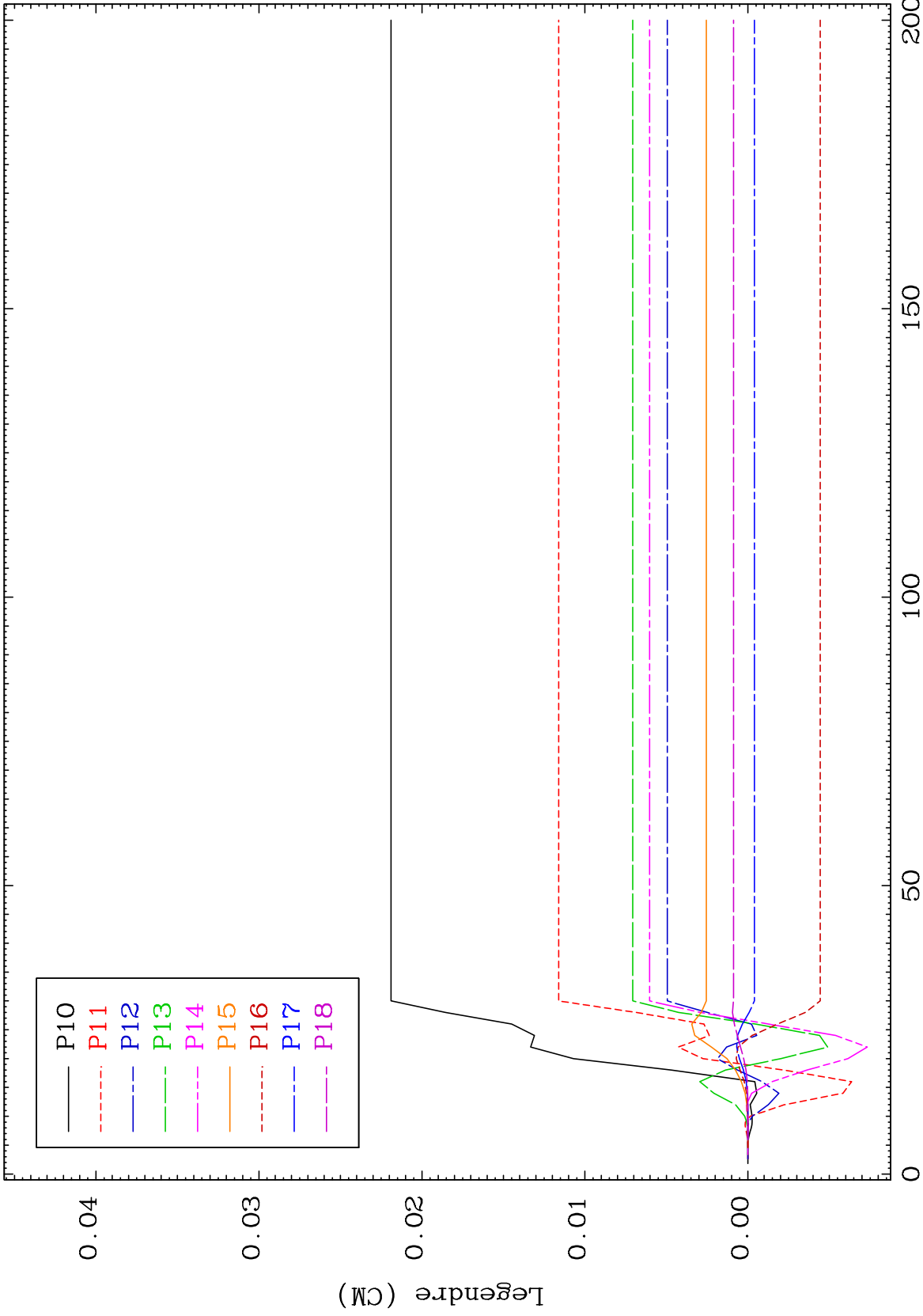
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



60

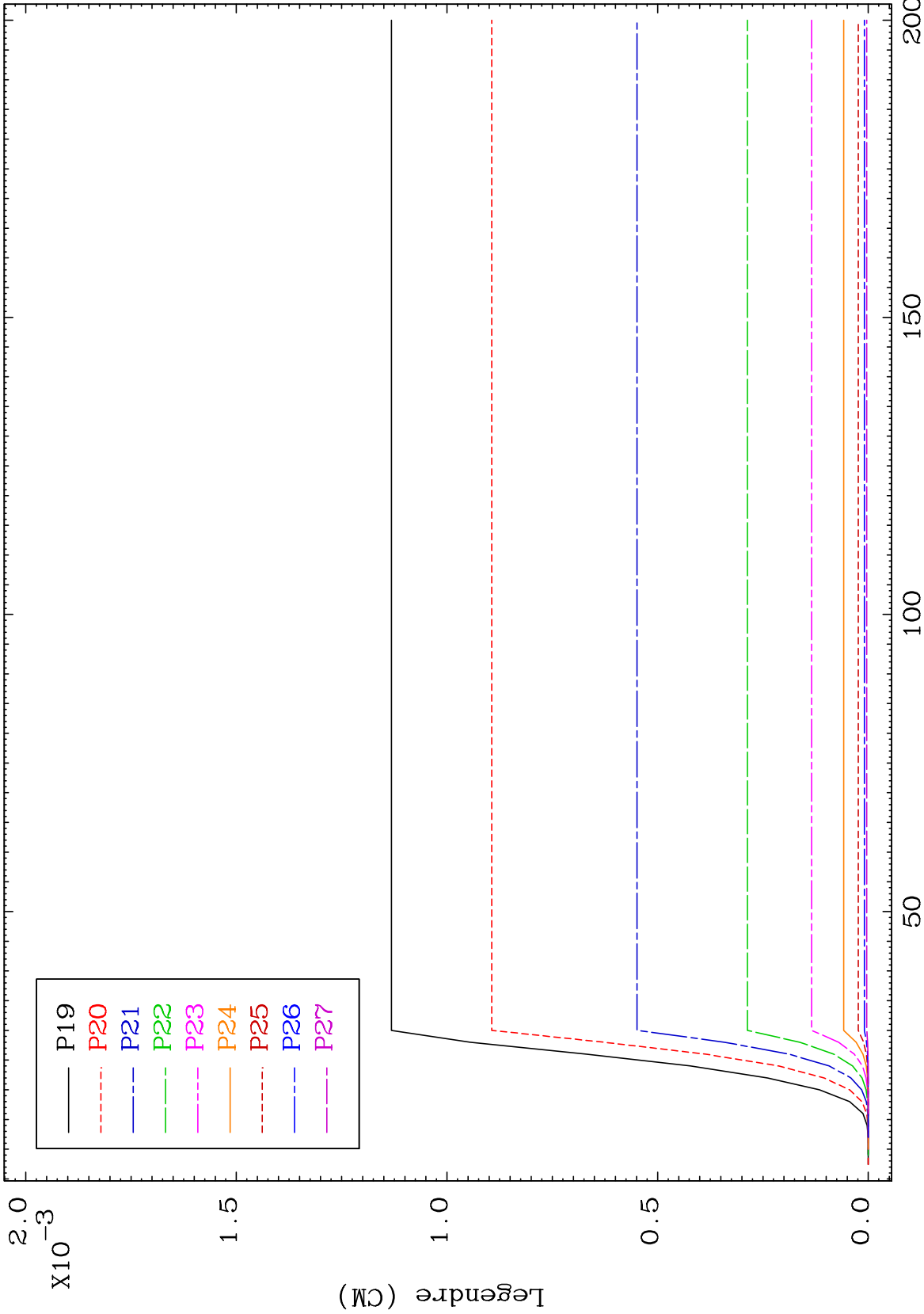
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



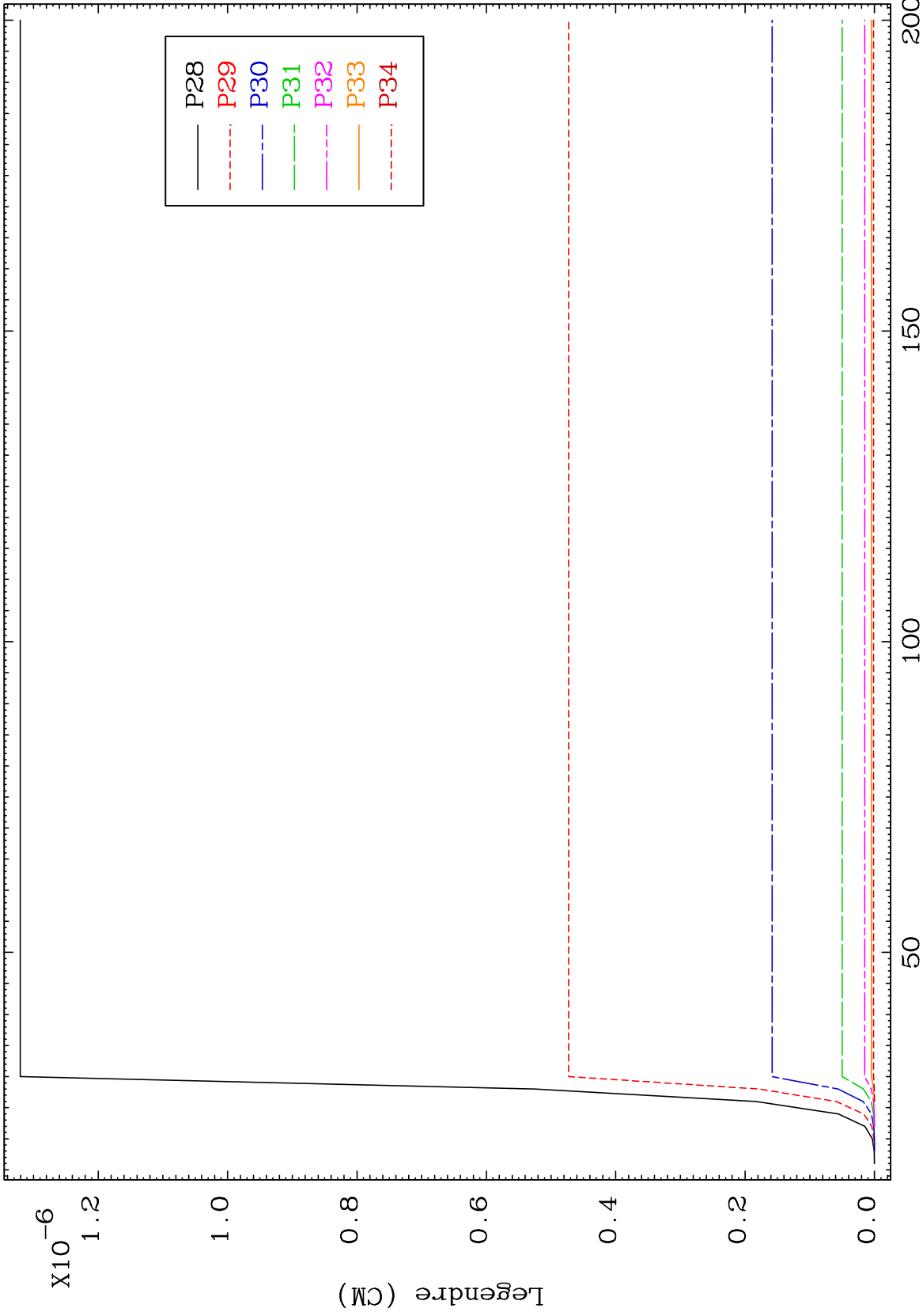
61

49-In-121

MAT 4949

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

49-In-121



62

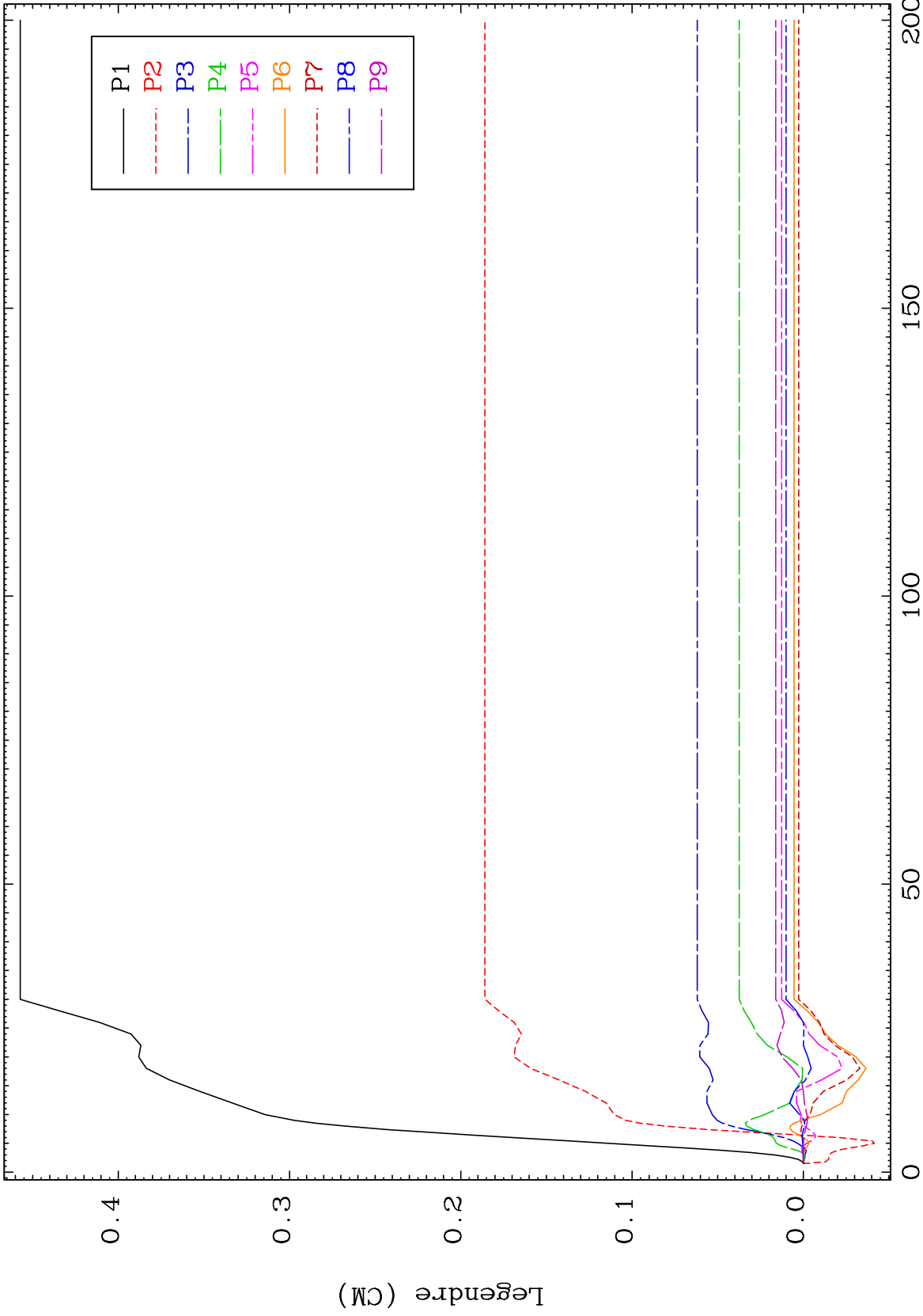
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



63

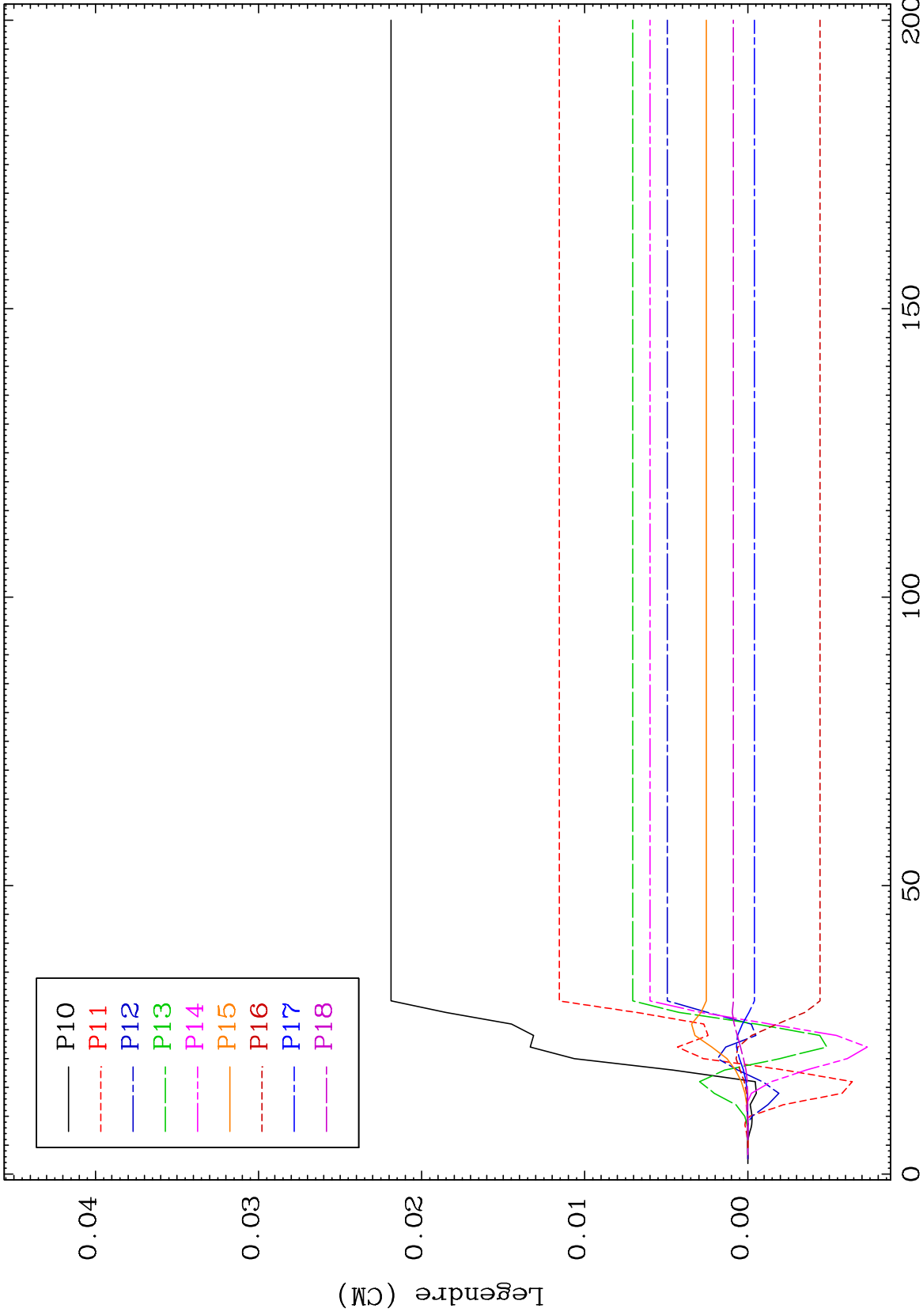
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



64

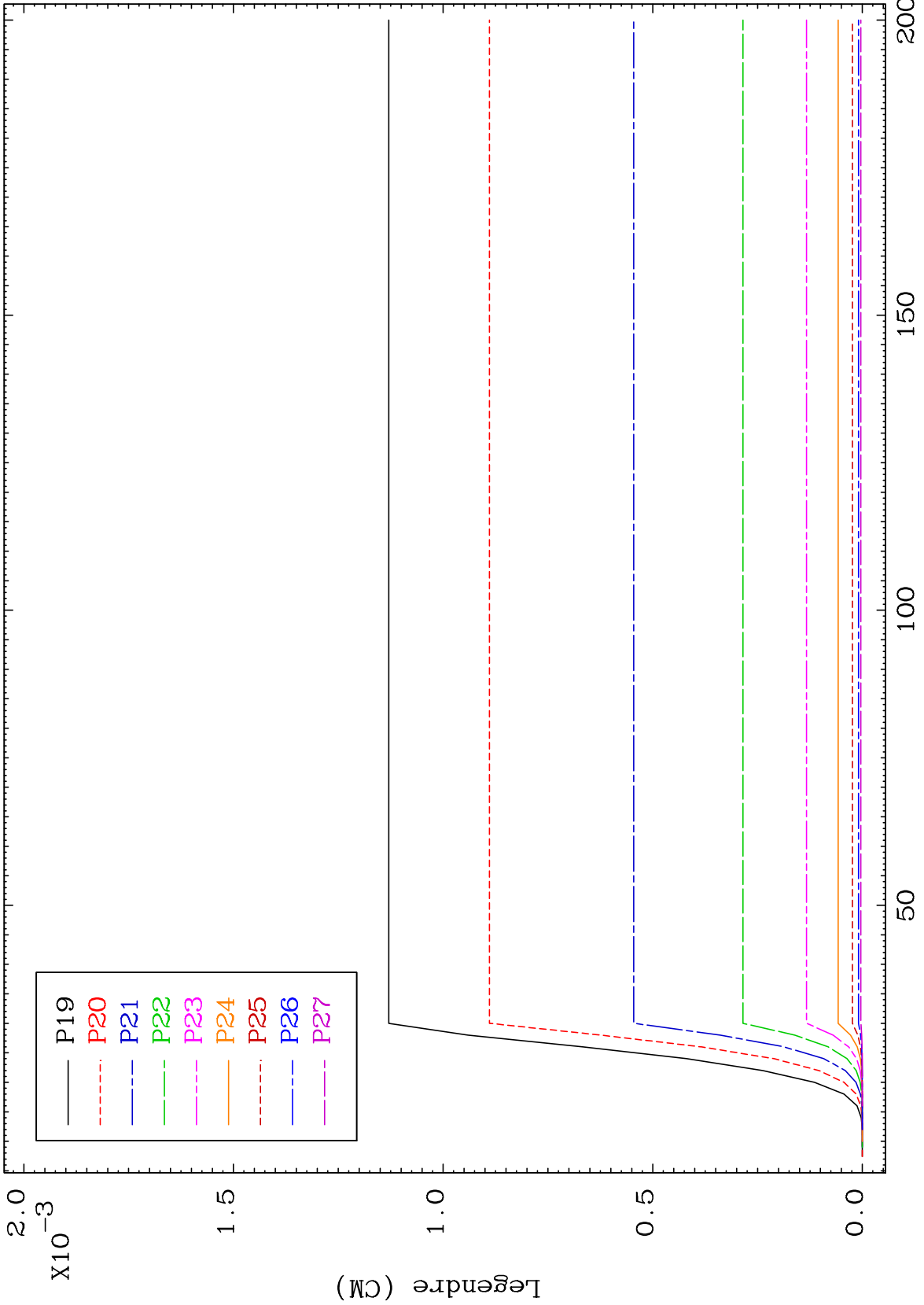
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



65

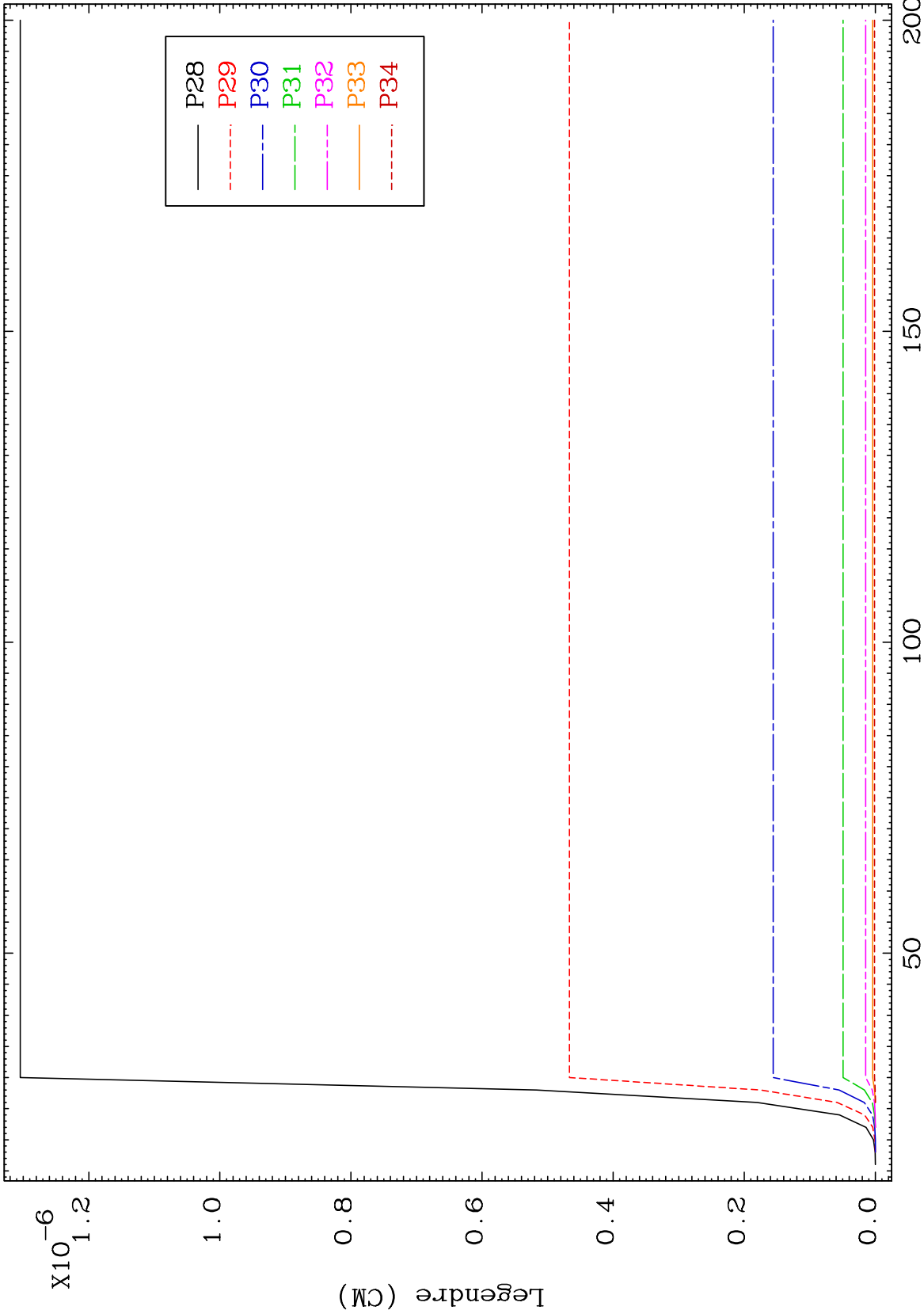
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



66

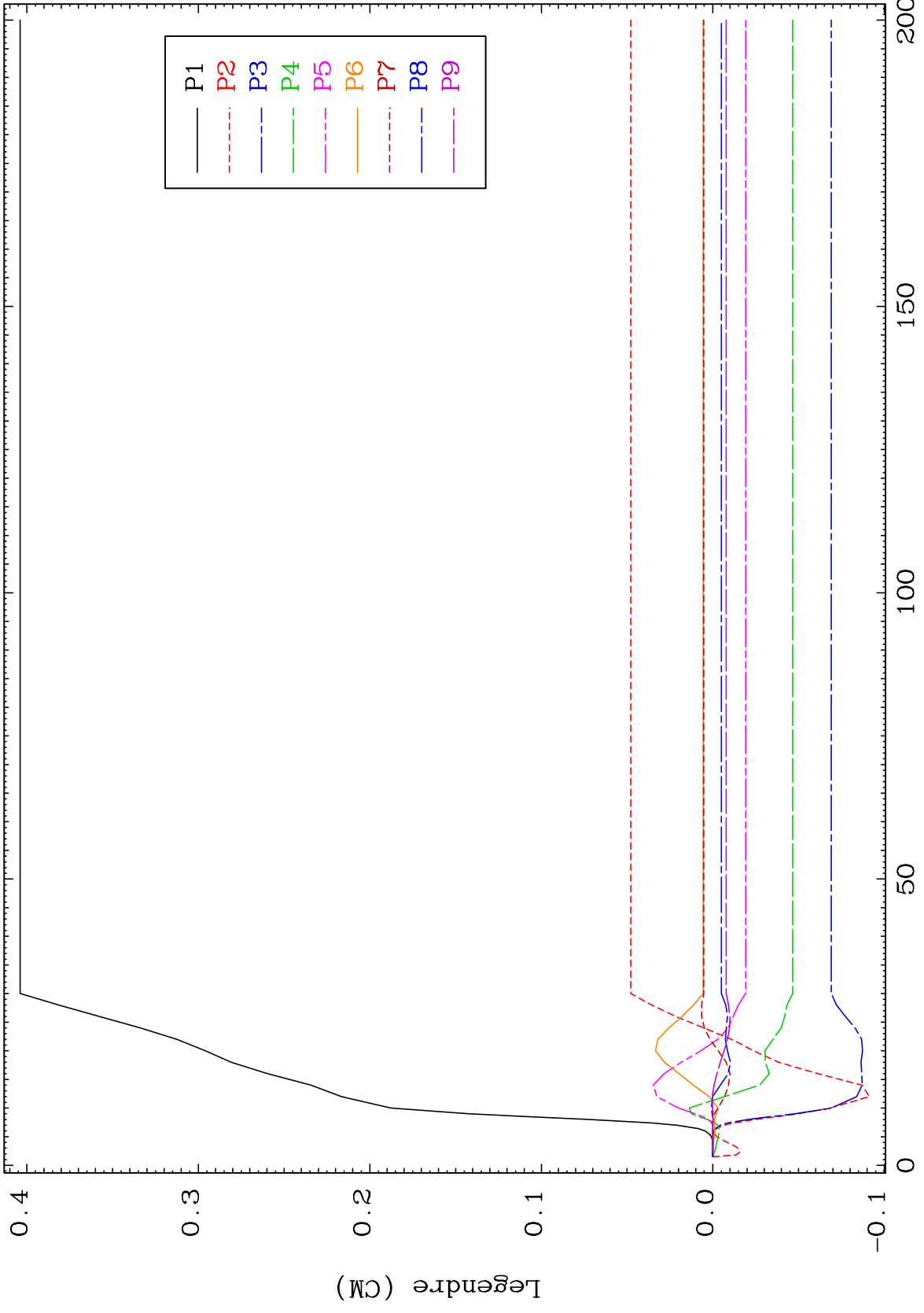
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



67

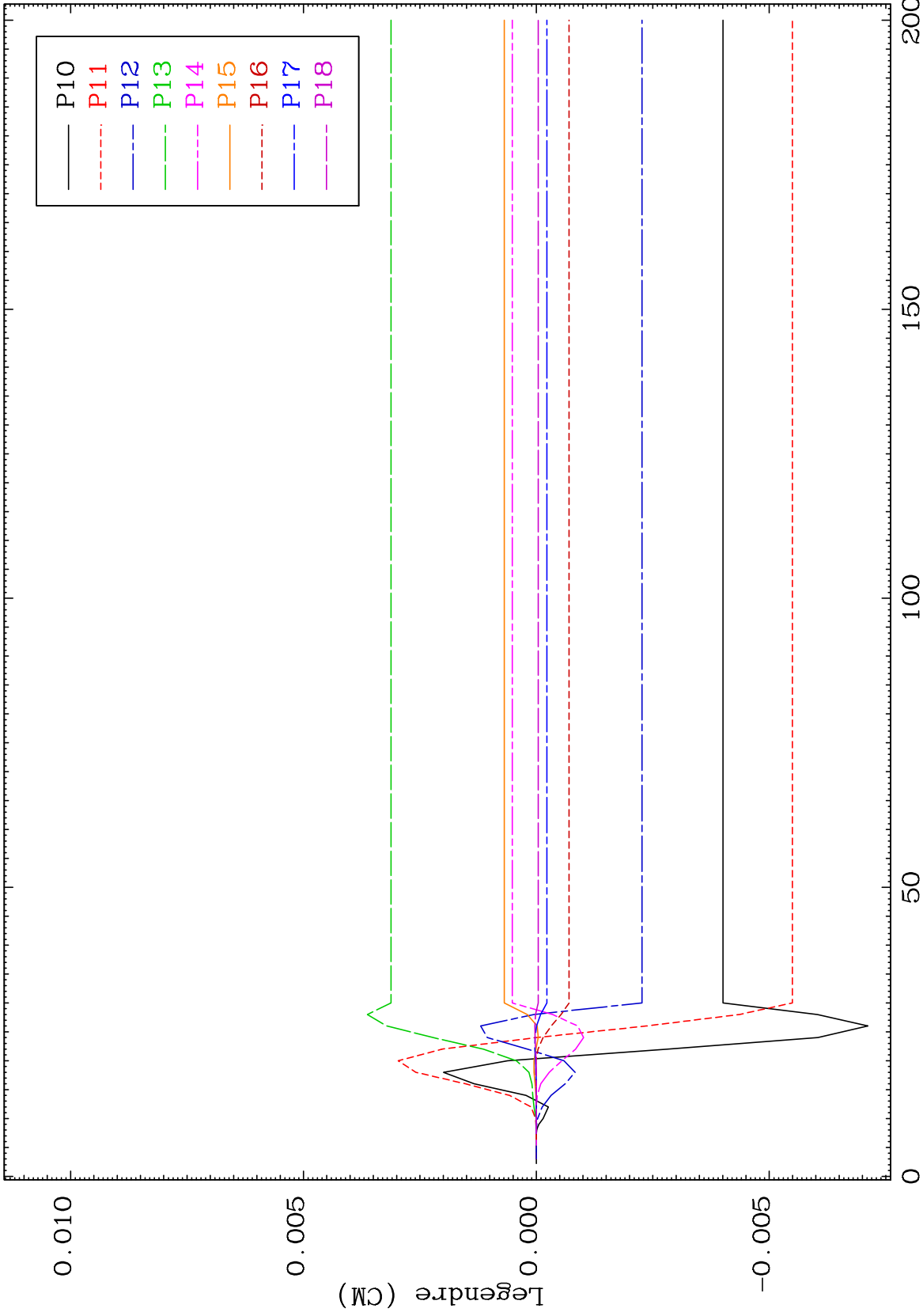
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



68

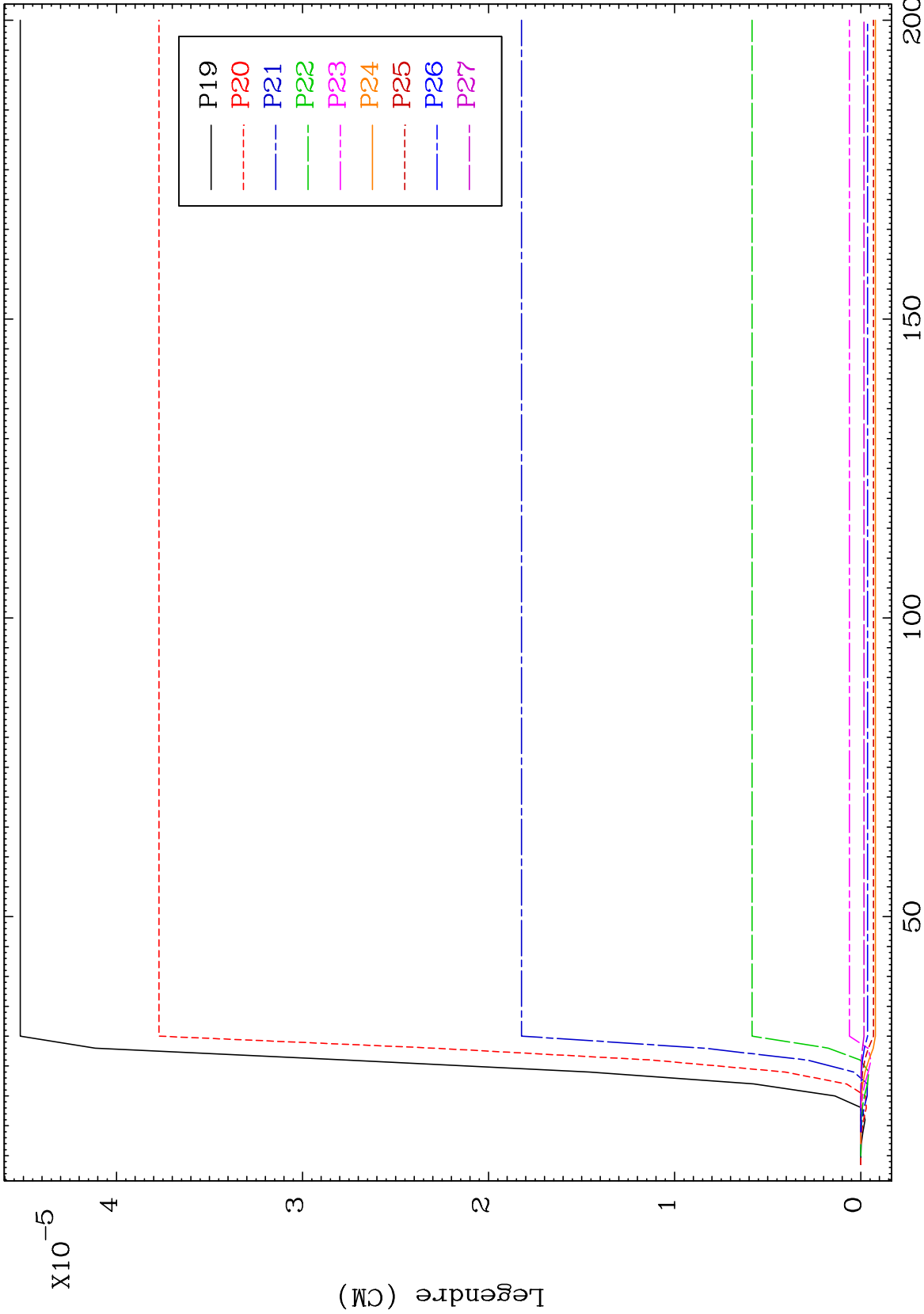
Incident Energy (MeV)

49-In-121

MAT 4949

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

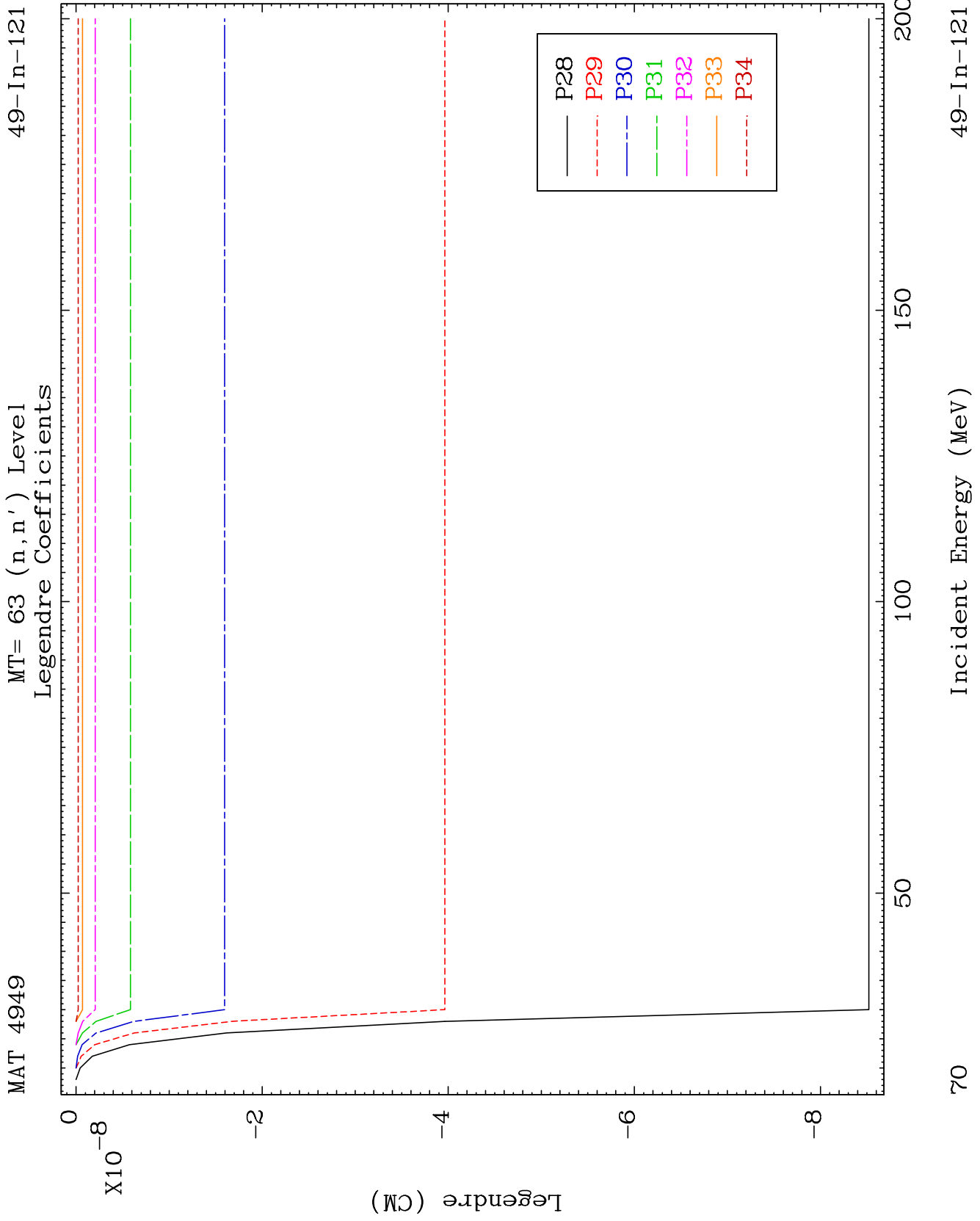
49-In-121



69

Incident Energy (MeV)

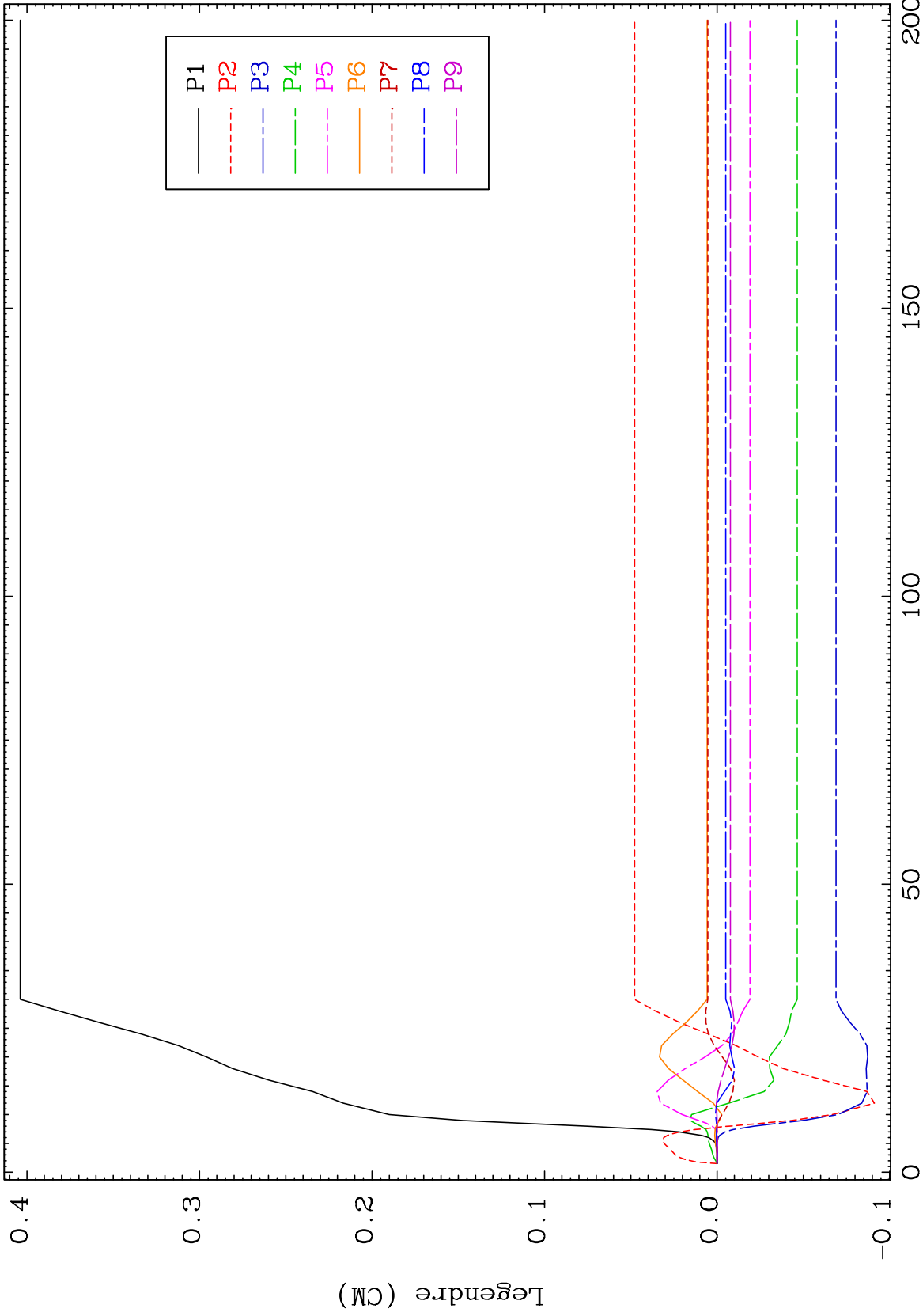
49-In-121



MAT 4949

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

49-In-121



71

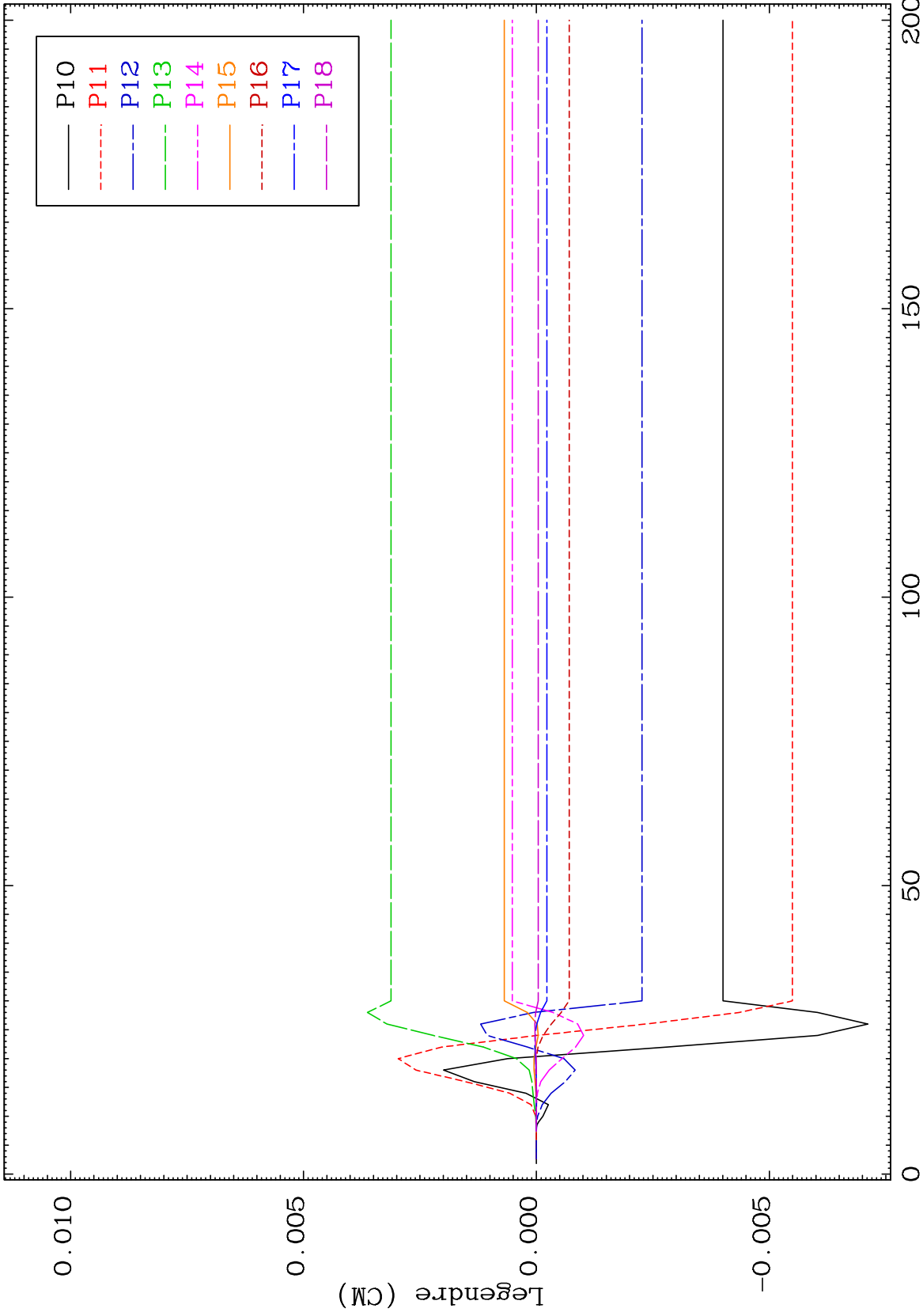
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



72

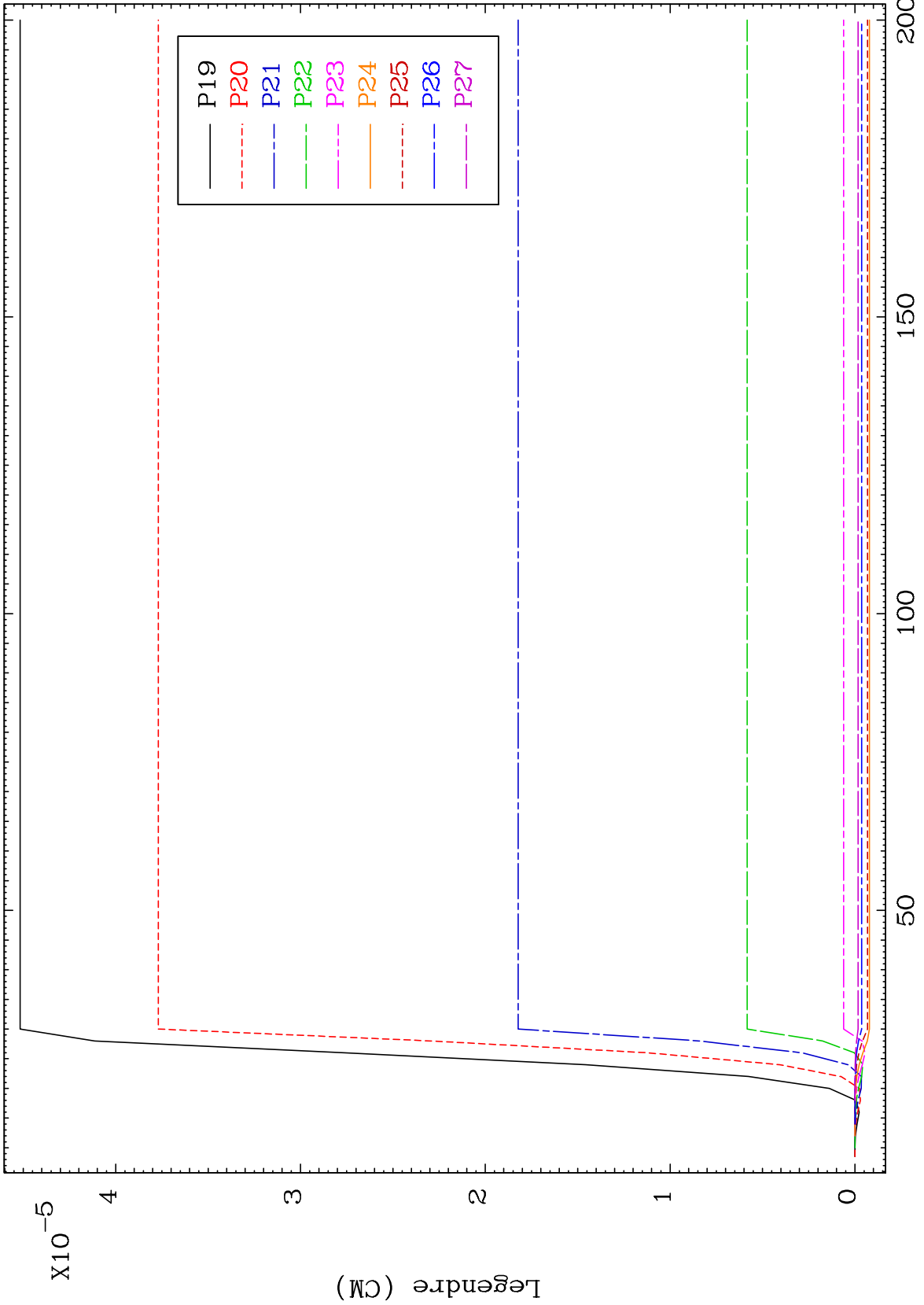
Incident Energy (MeV)

49-In-121

MAT 4949

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

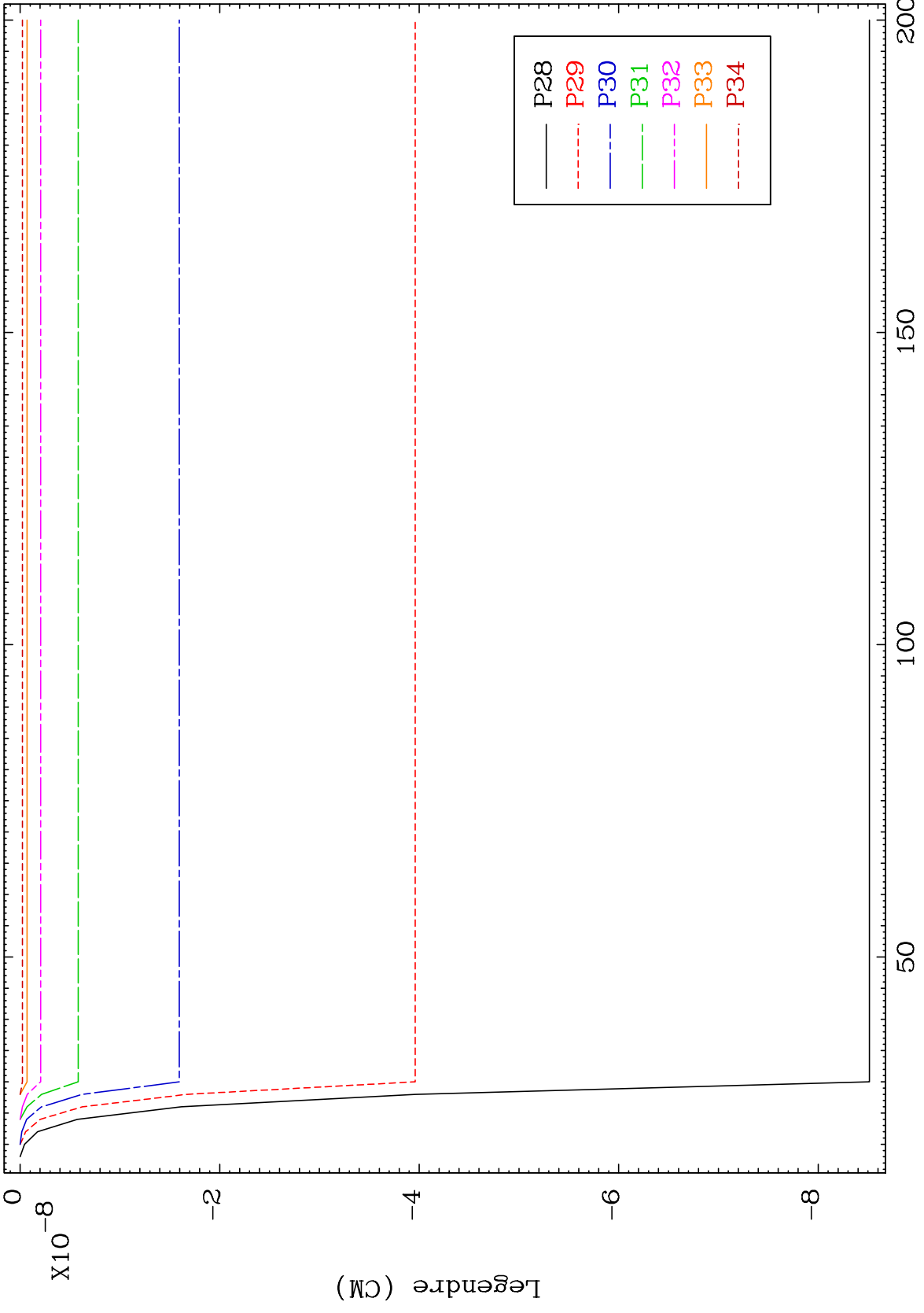
49-In-121



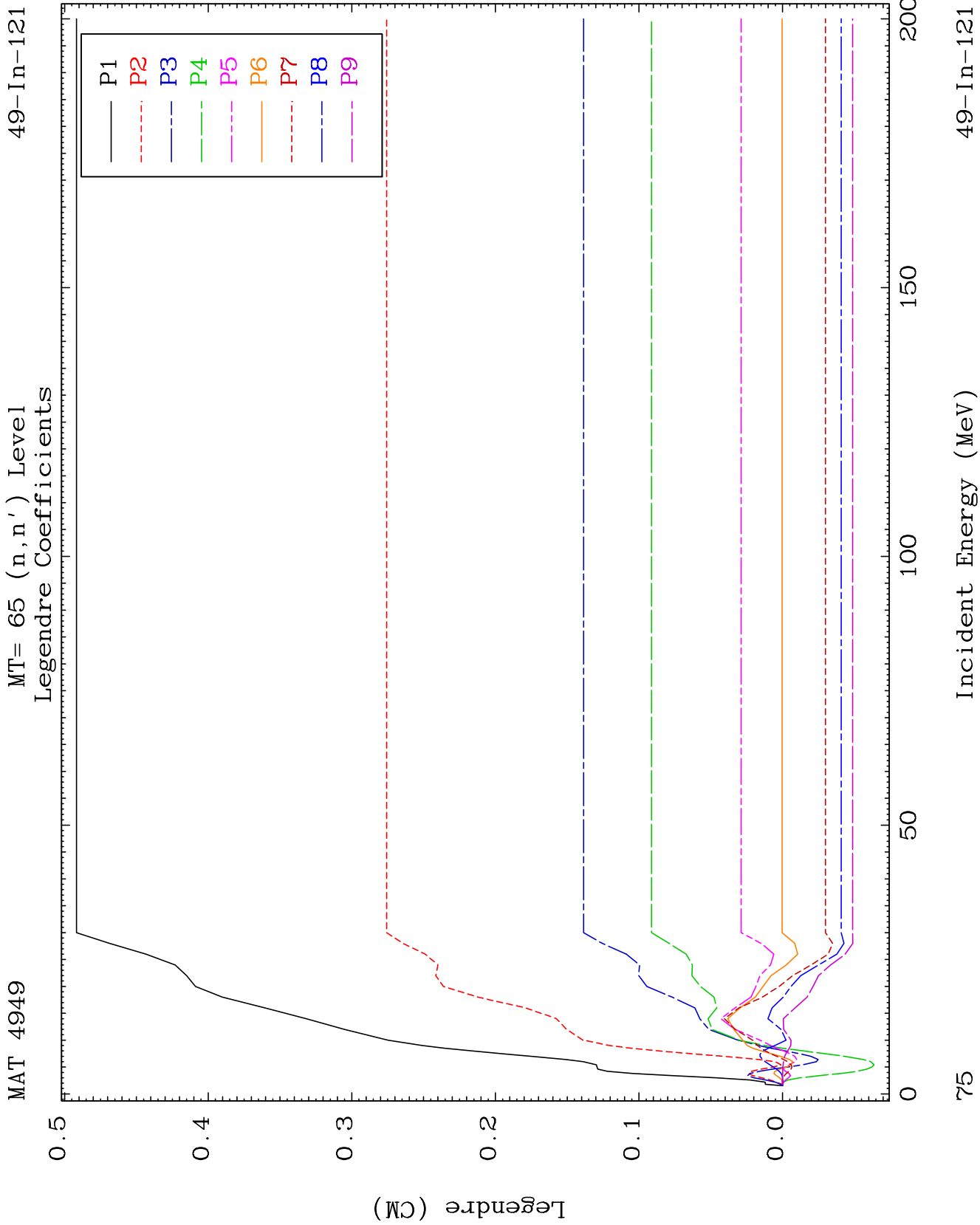
73

49-In-121

MAT 4949 MT= 64 (n,n') Level Legendre Coefficients 49-In-121



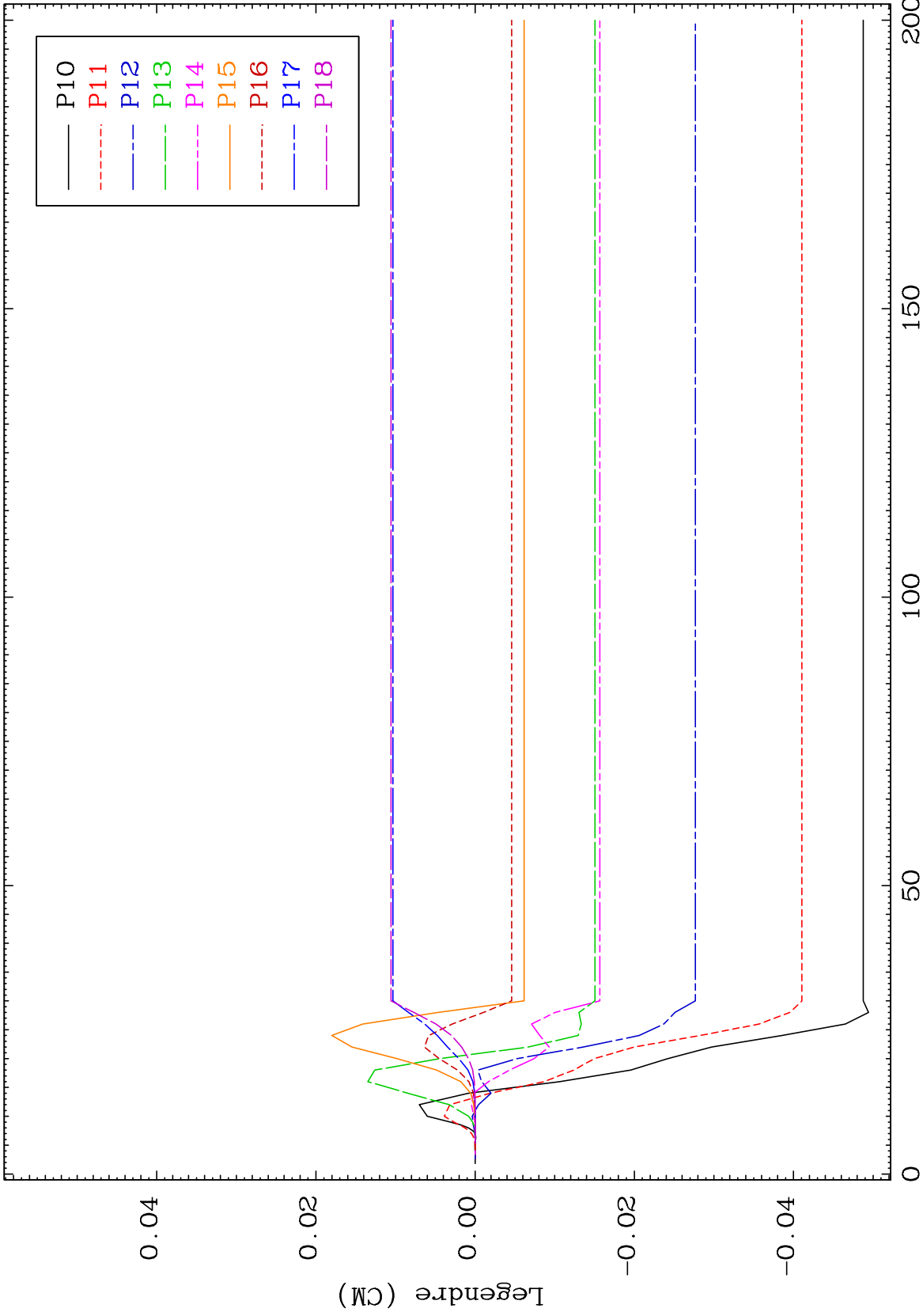
74 49-In-121



MAT 4949

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

49-In-121



76

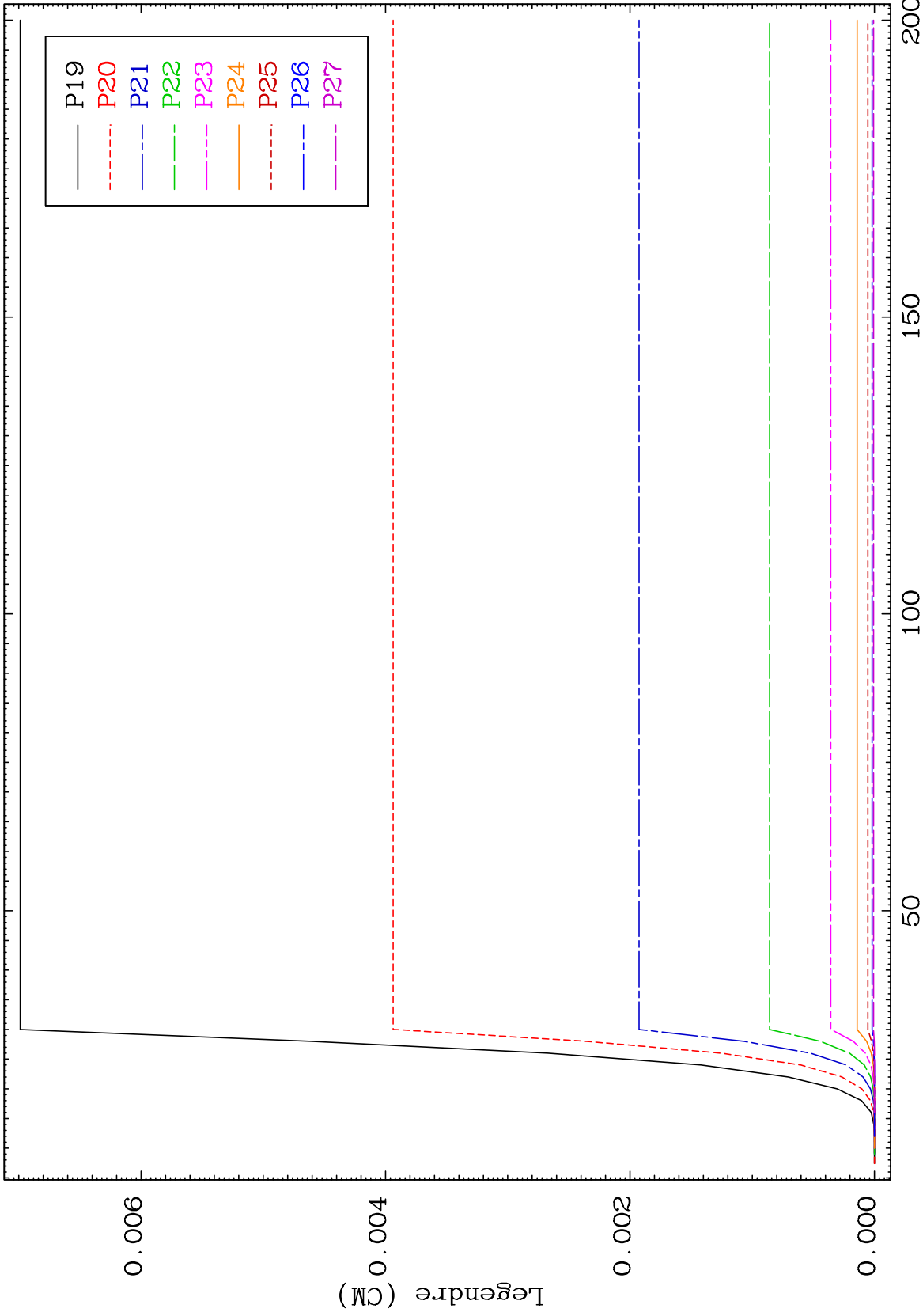
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



77

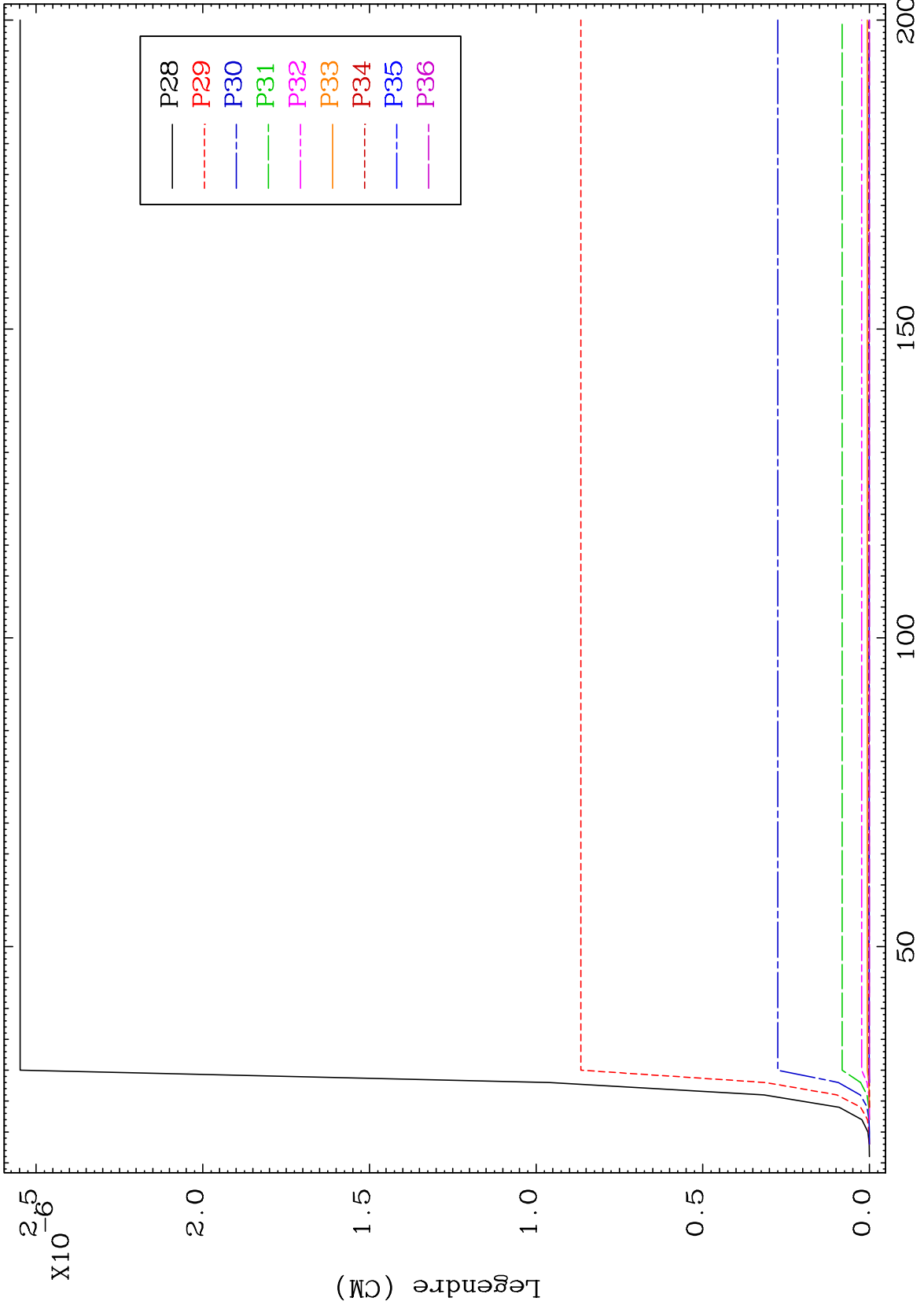
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121

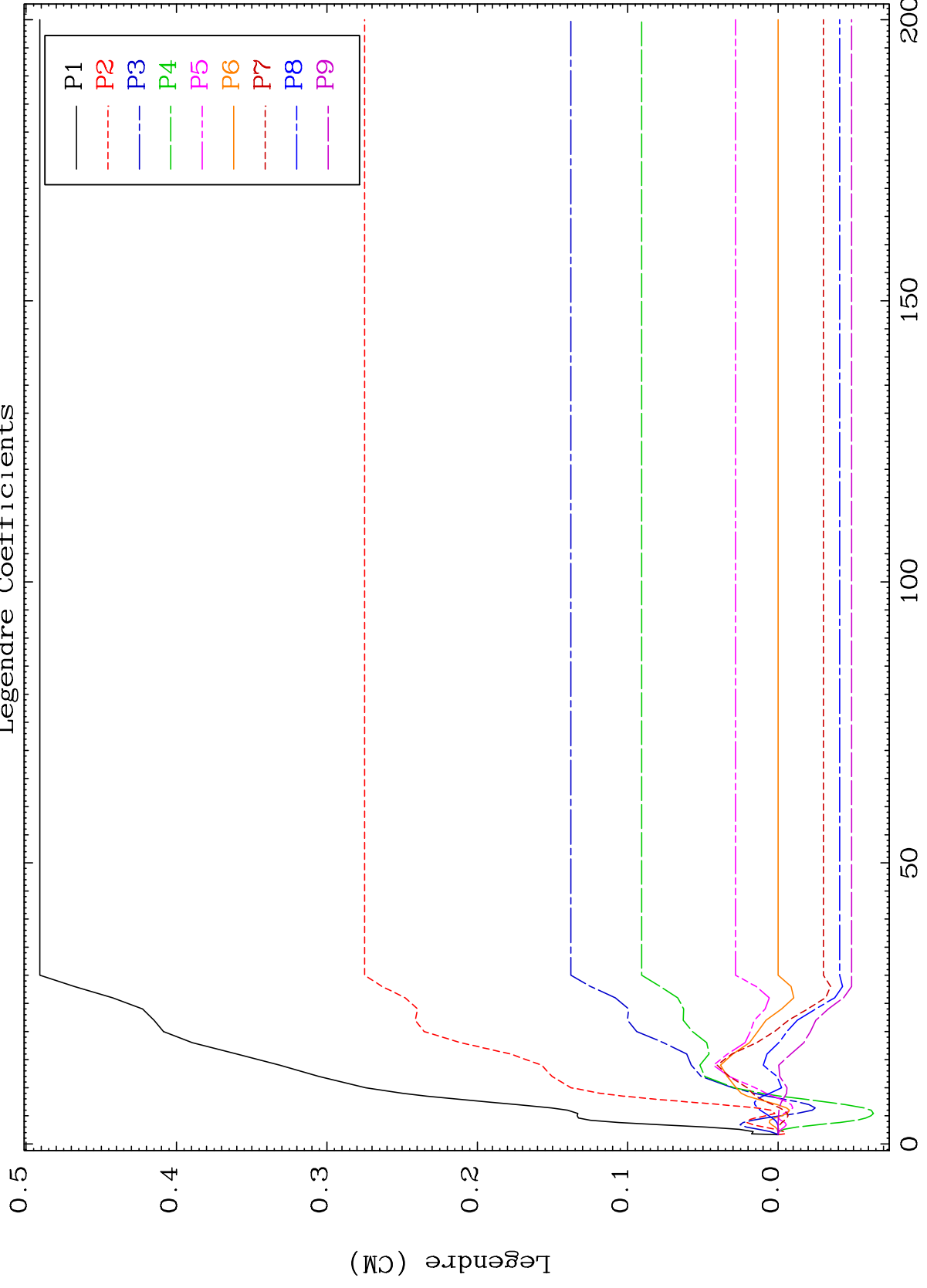


78

Incident Energy (MeV)

49-In-121

MAT 4949 MT= 66 (n,n') Level Legendre Coefficients 49-In-121

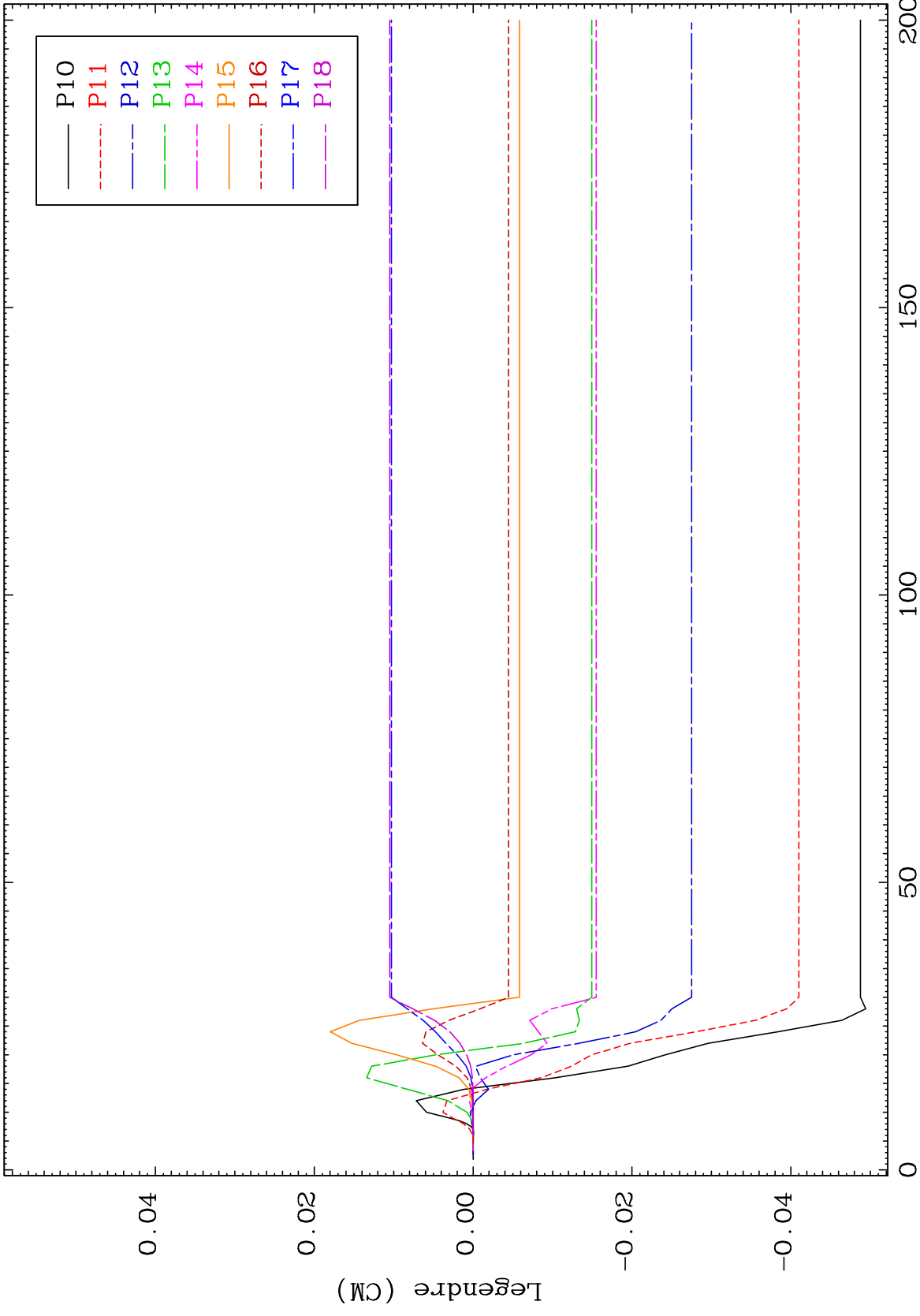


79 Incident Energy (MeV) 49-In-121

MAT 4949

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

49-In-121



80

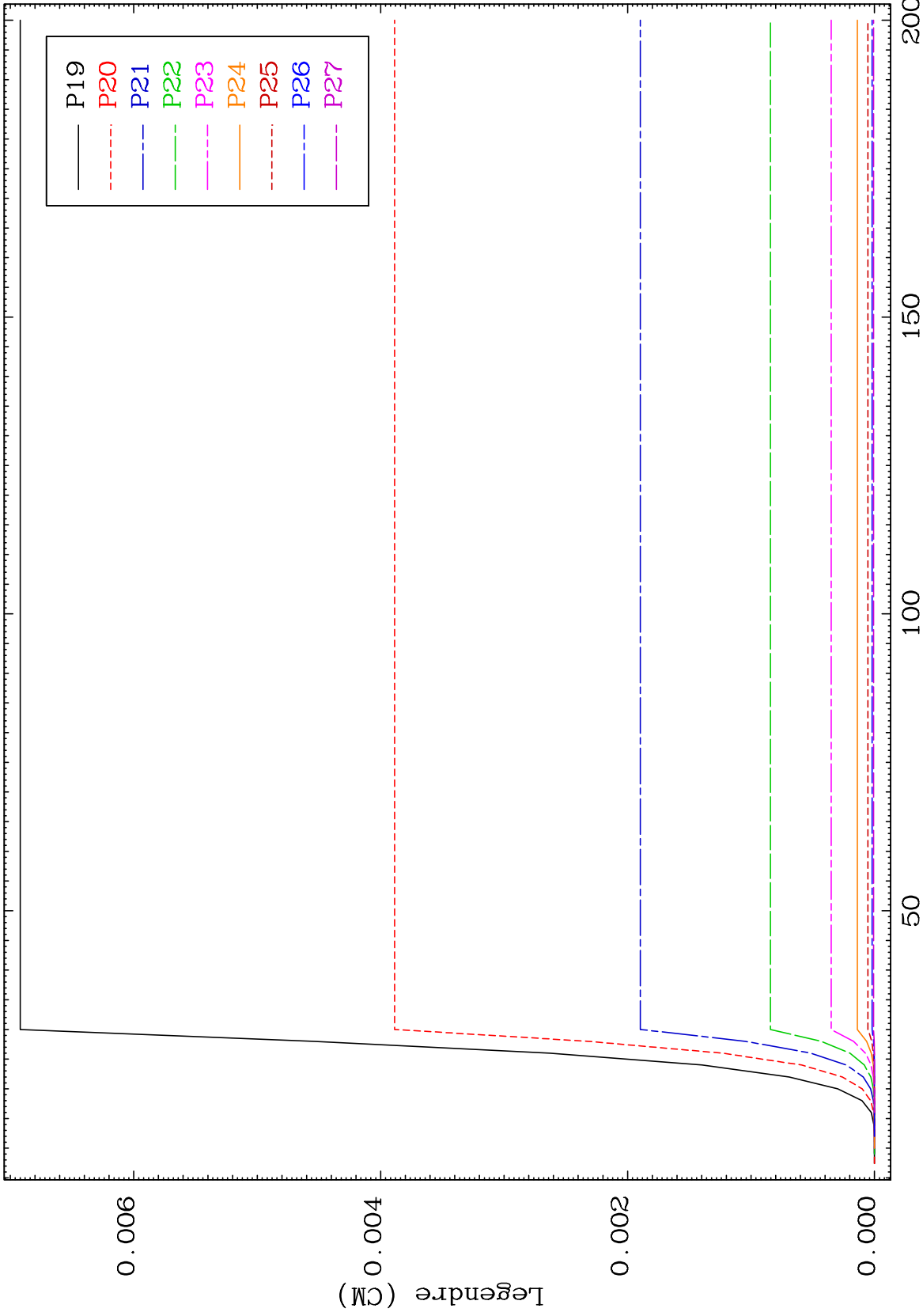
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



81

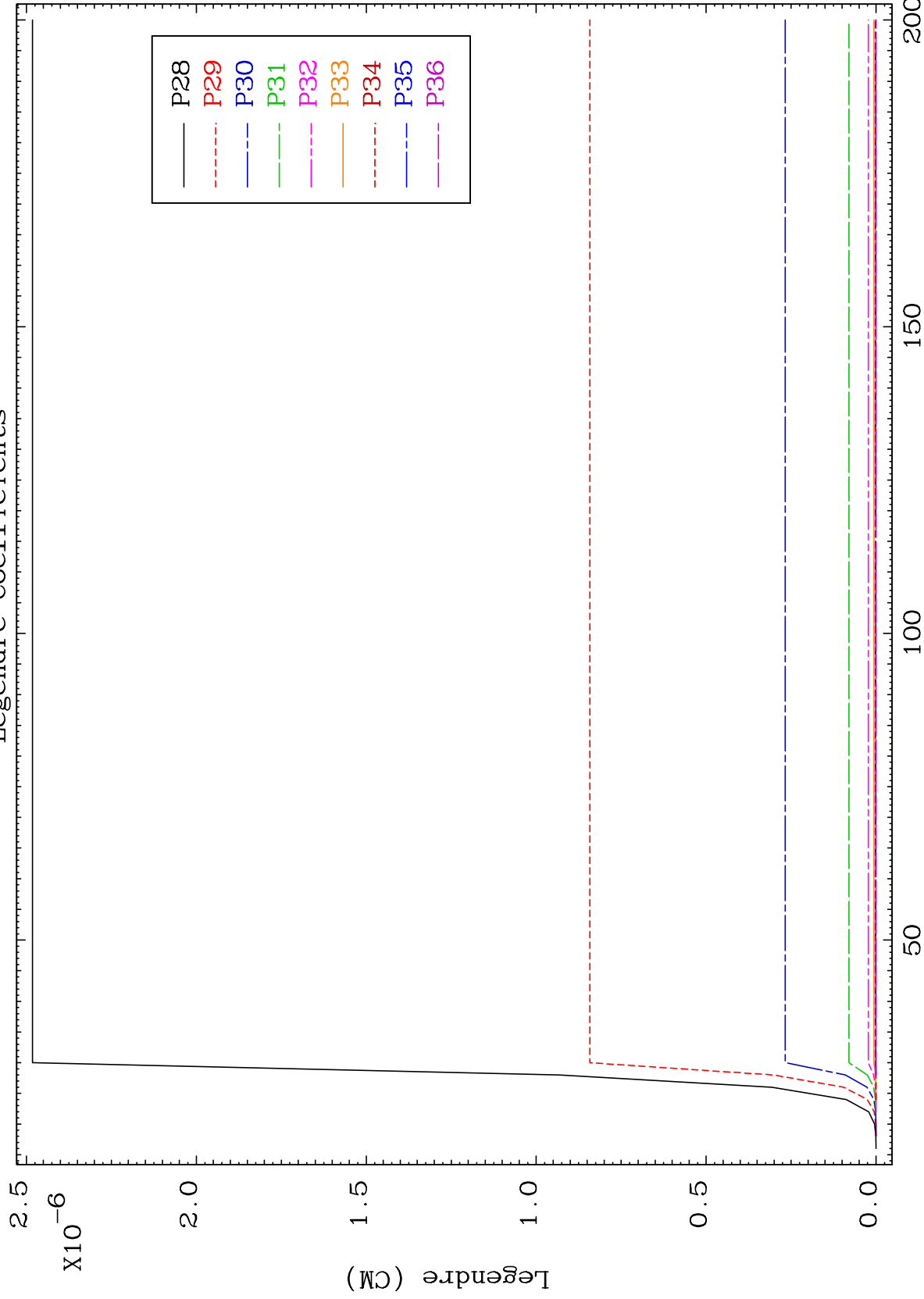
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



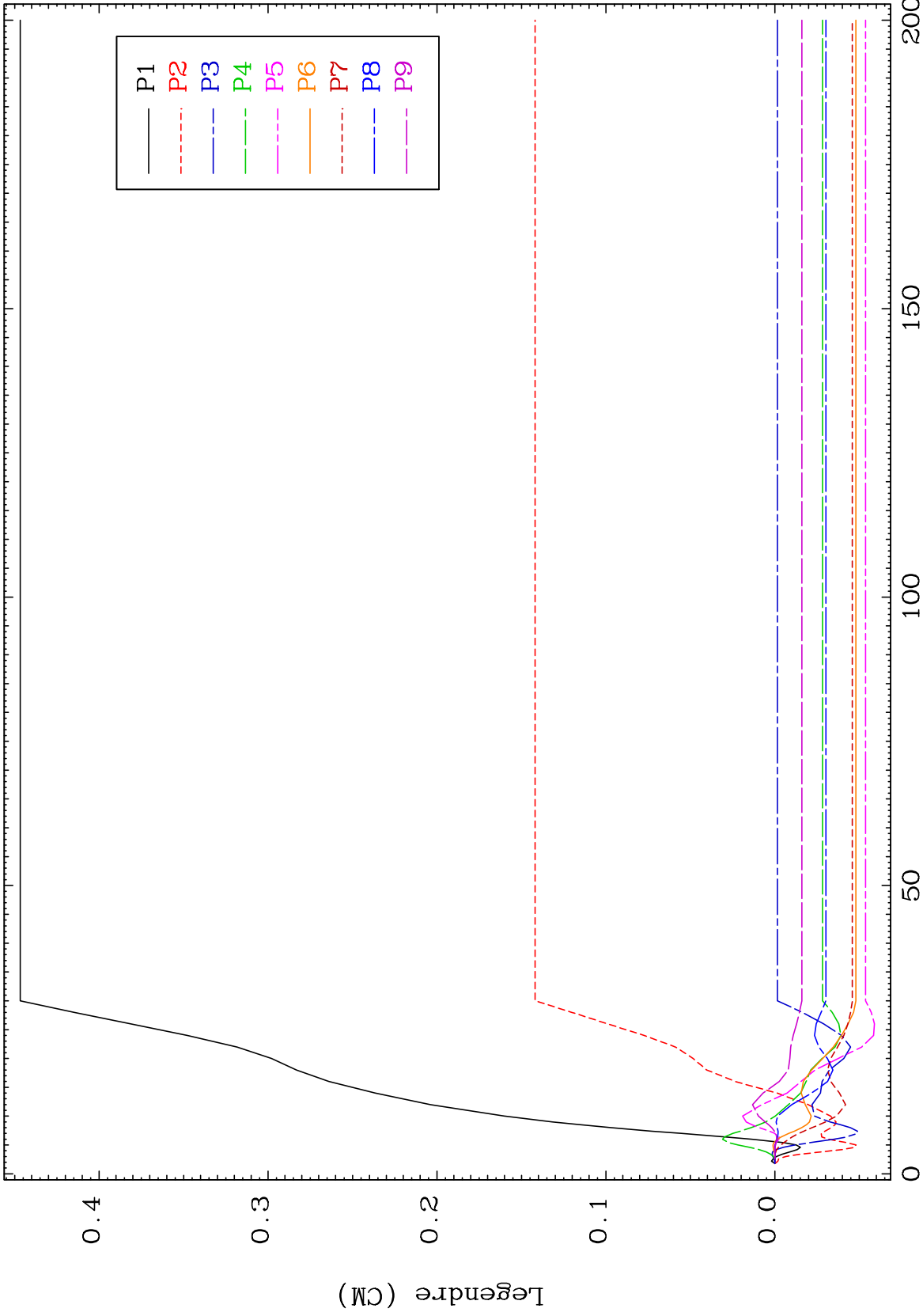
82

49-In-121

MAT 4949

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

49-In-121



83

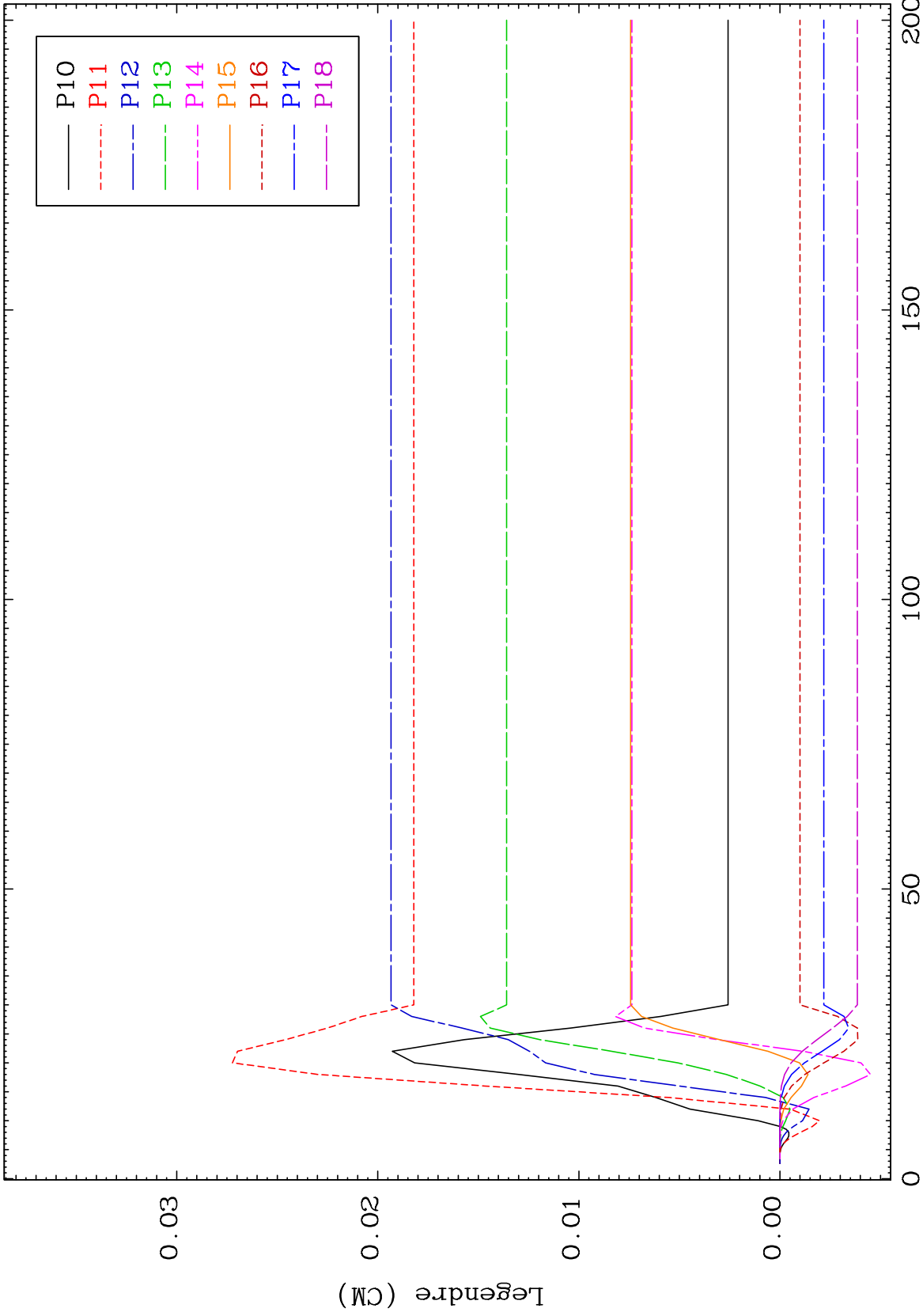
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



84

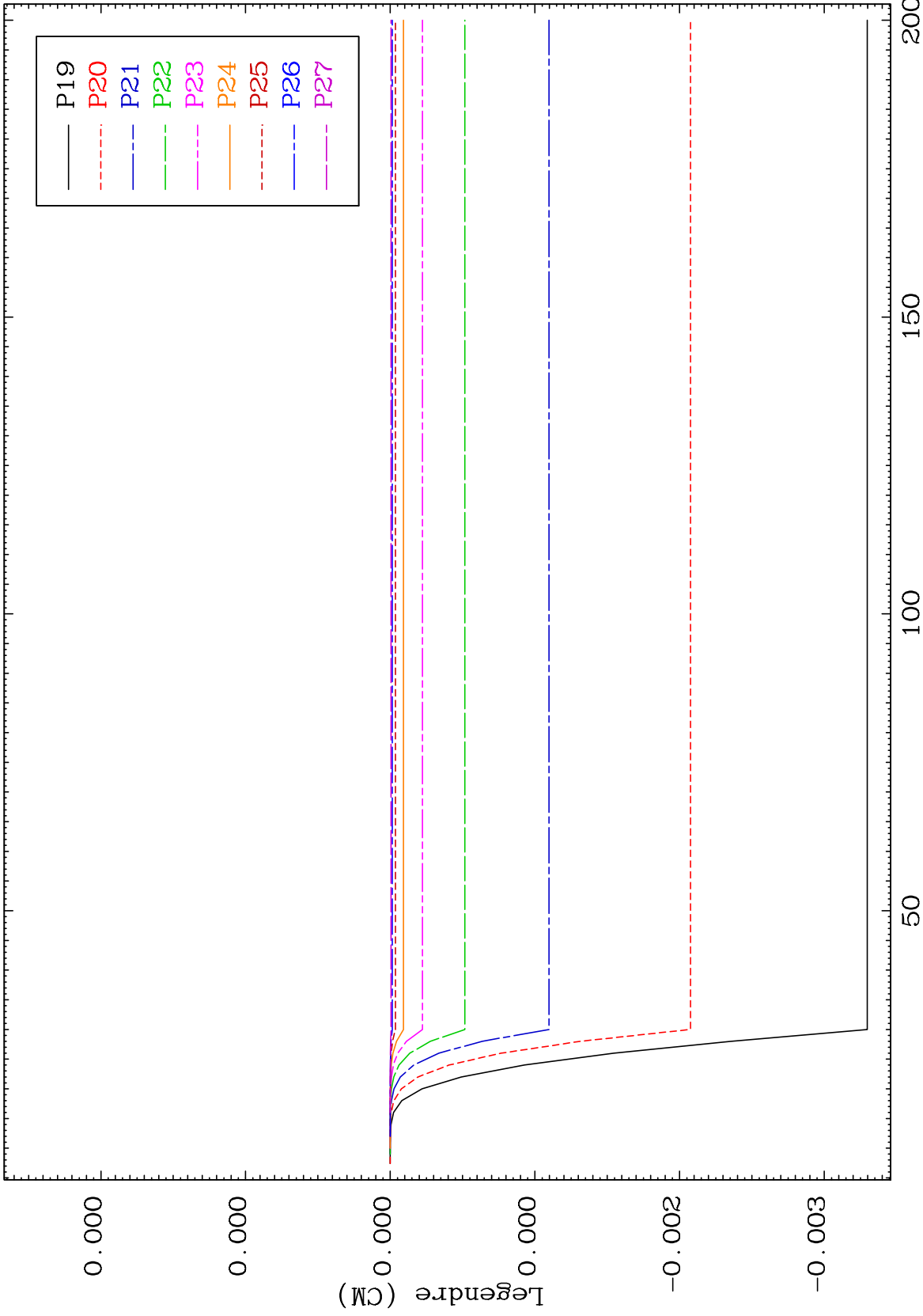
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



85

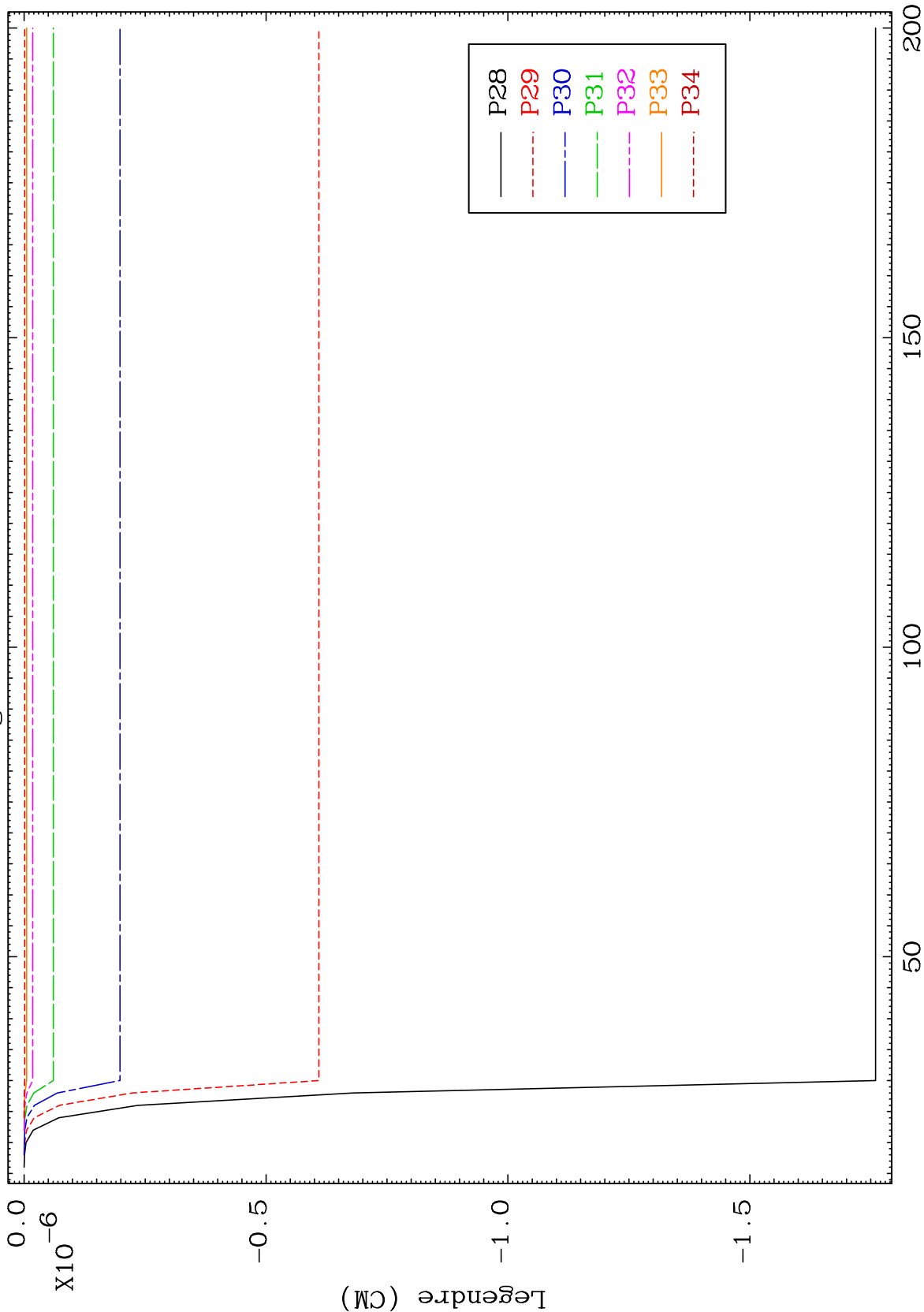
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



49-In-121

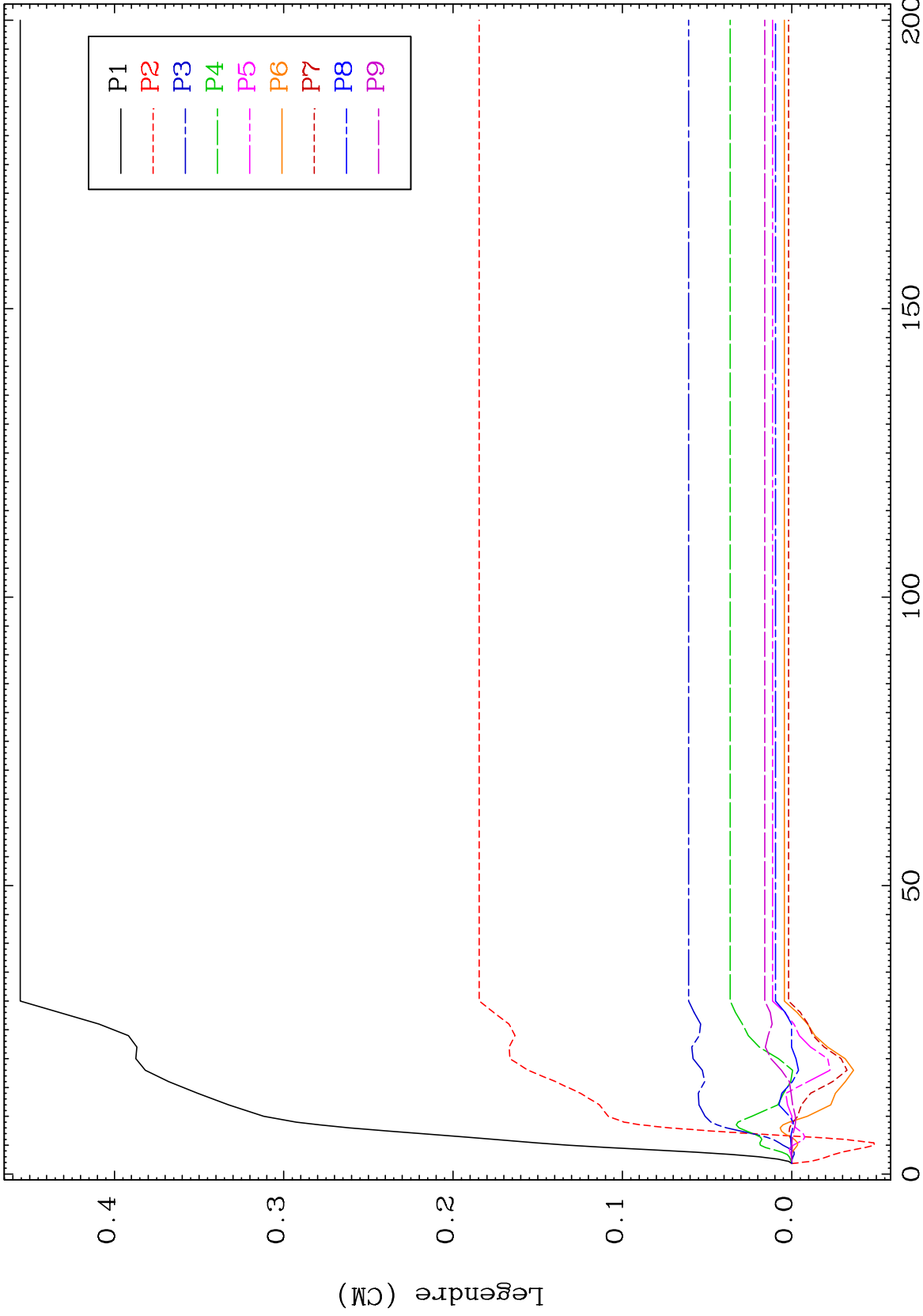
Incident Energy (MeV)

86

MAT 4949

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

49-In-121



87

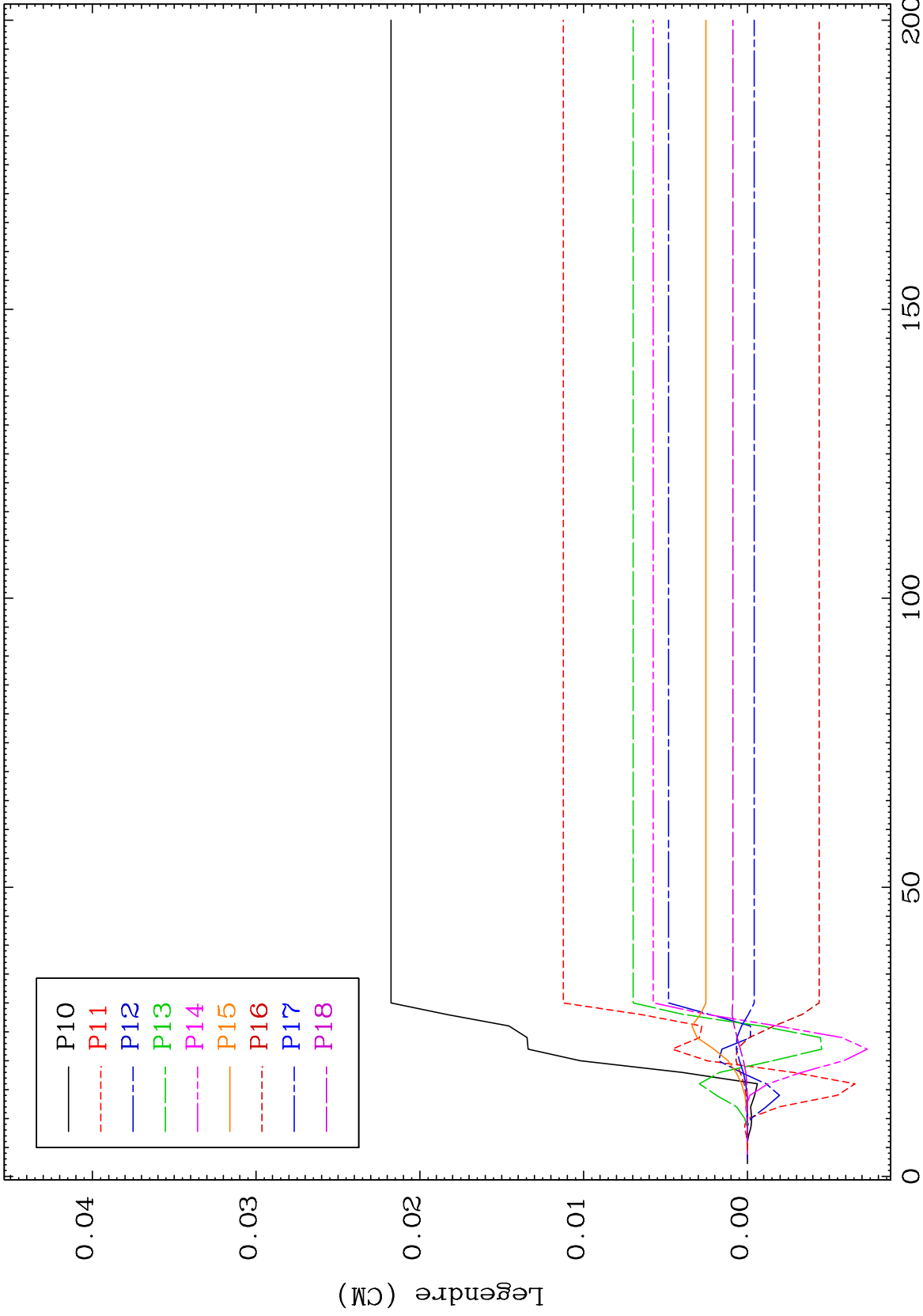
Incident Energy (MeV)

49-In-121

MAT 4949

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

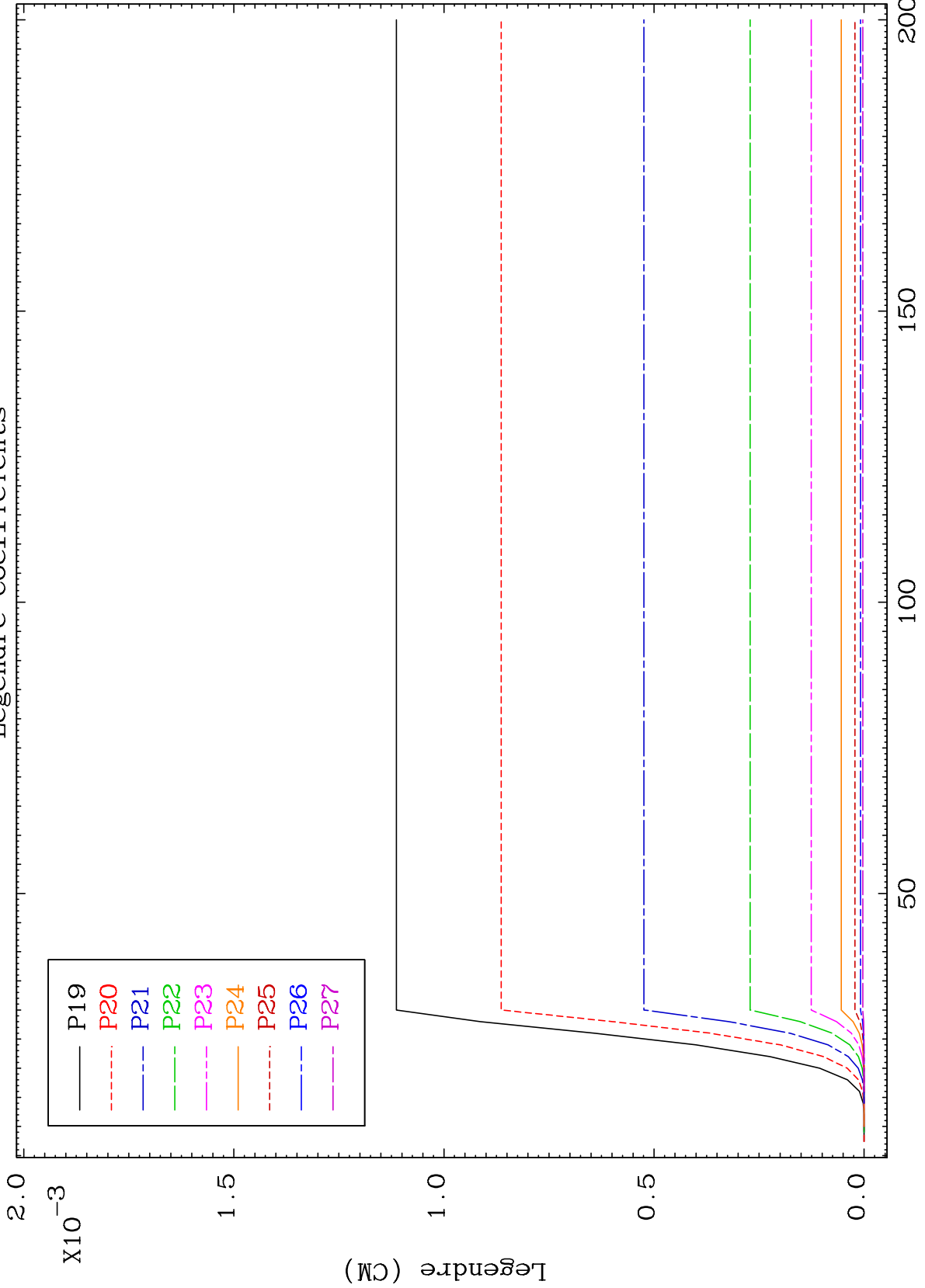
49-In-121



88

Incident Energy (MeV)

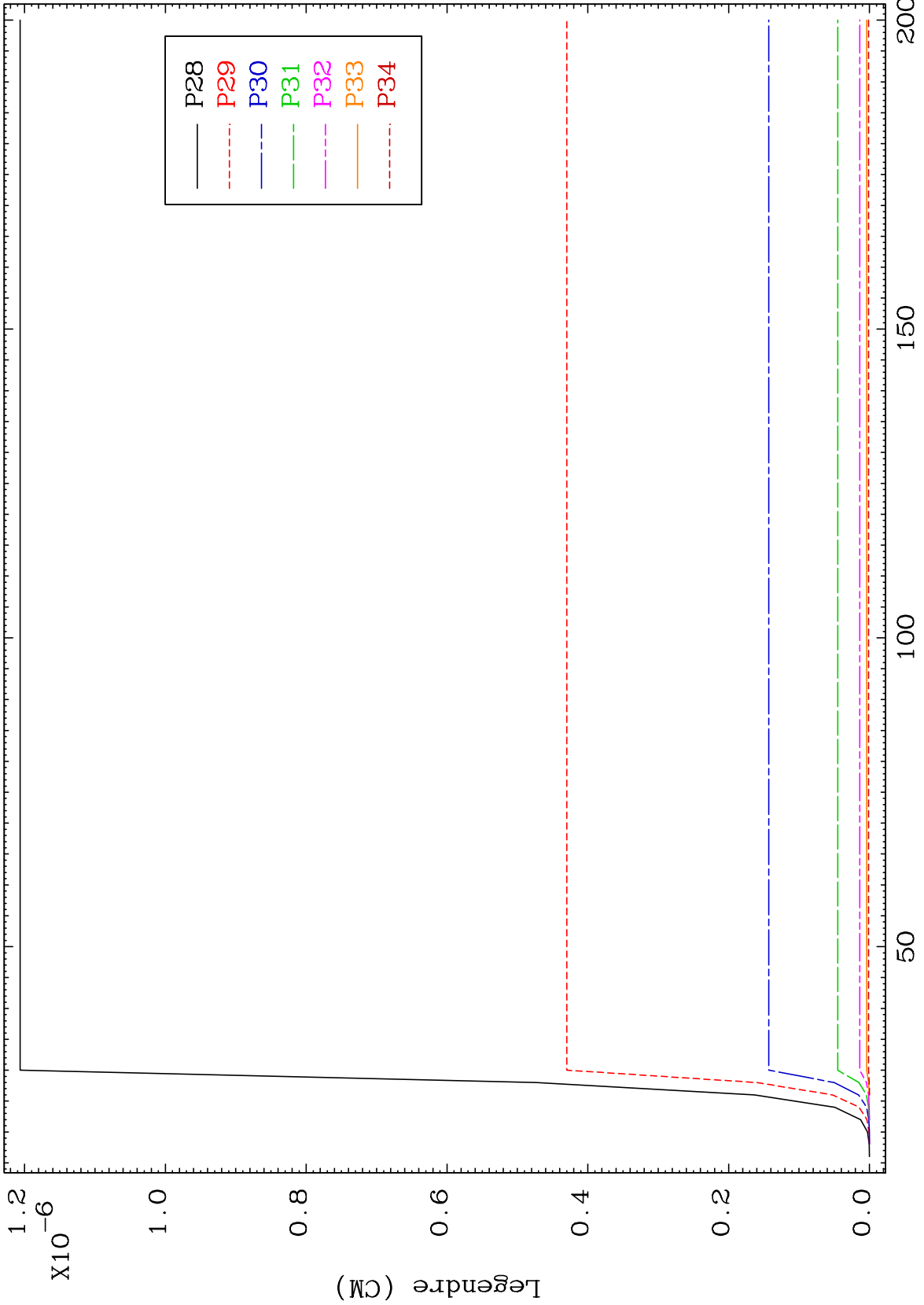
49-In-121



MAT 4949

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

49-In-121



90

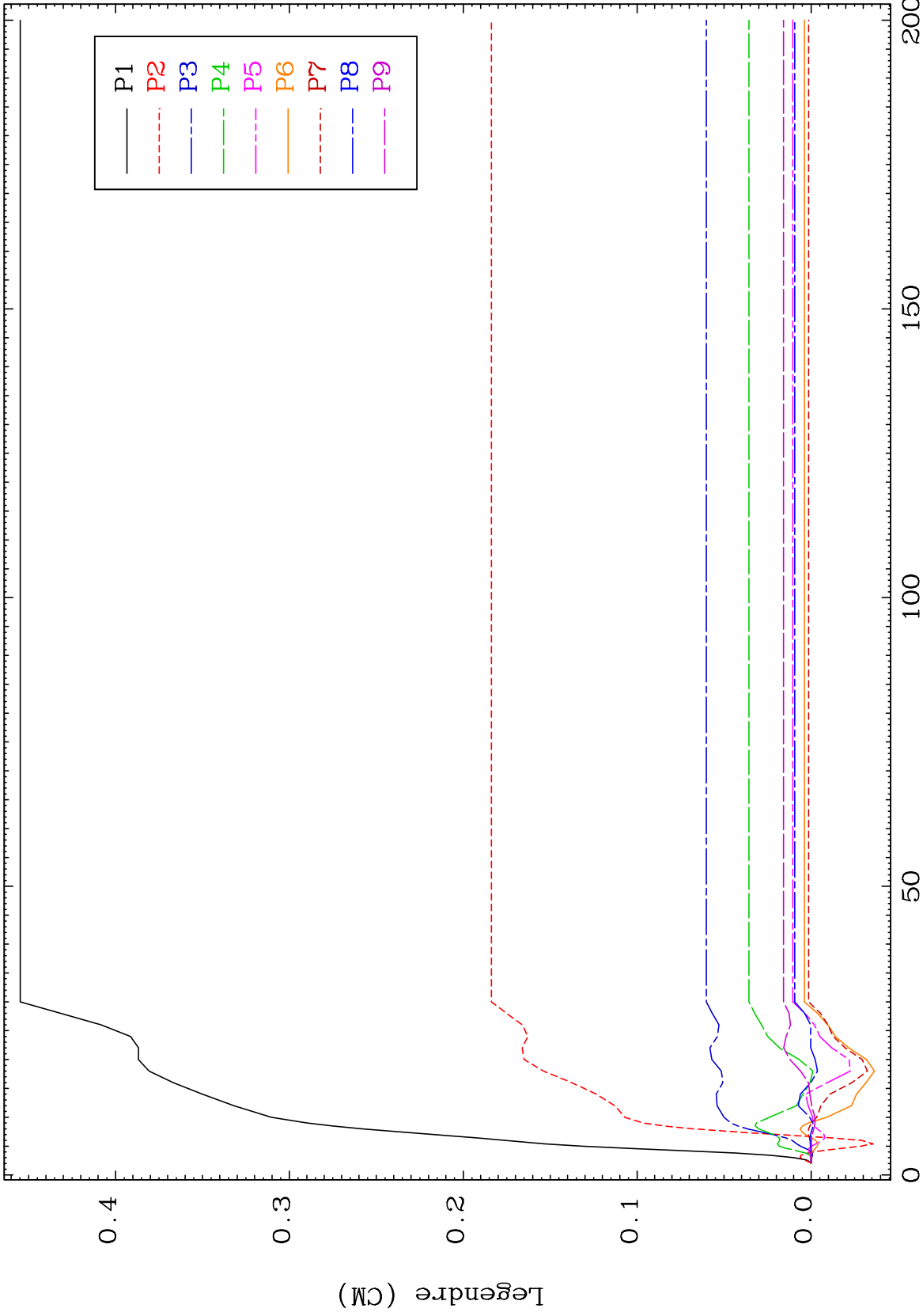
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



91

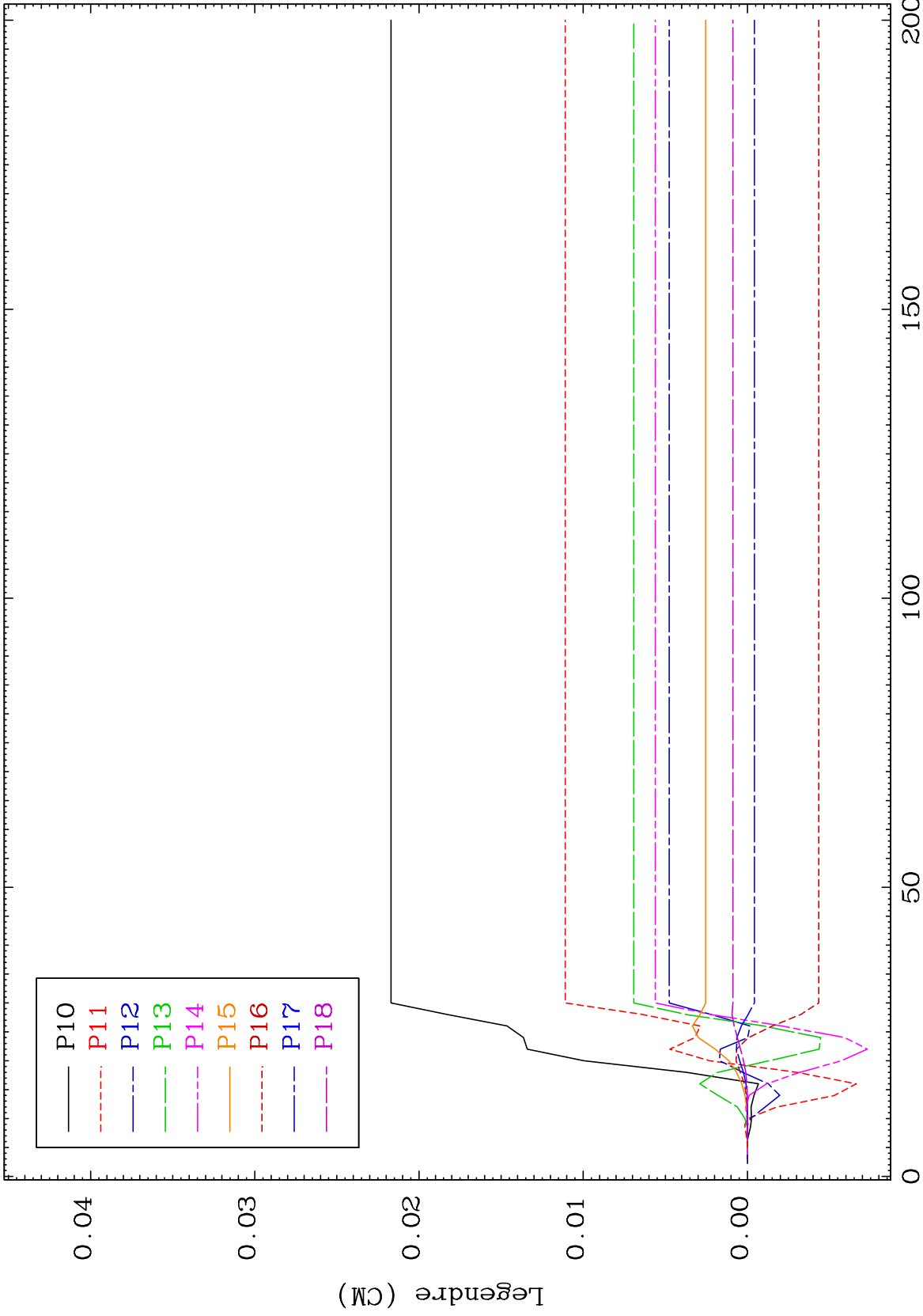
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



92

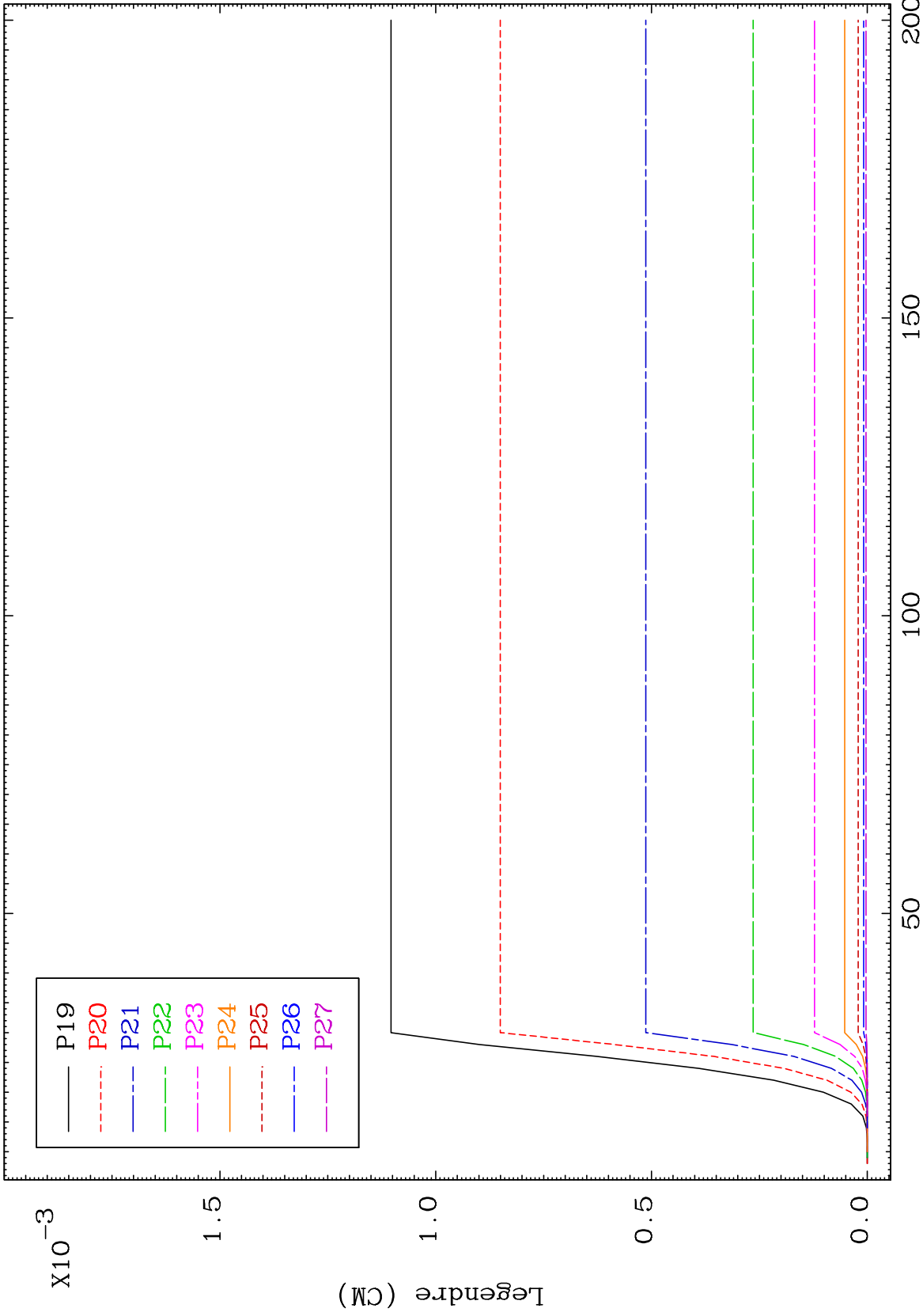
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



93

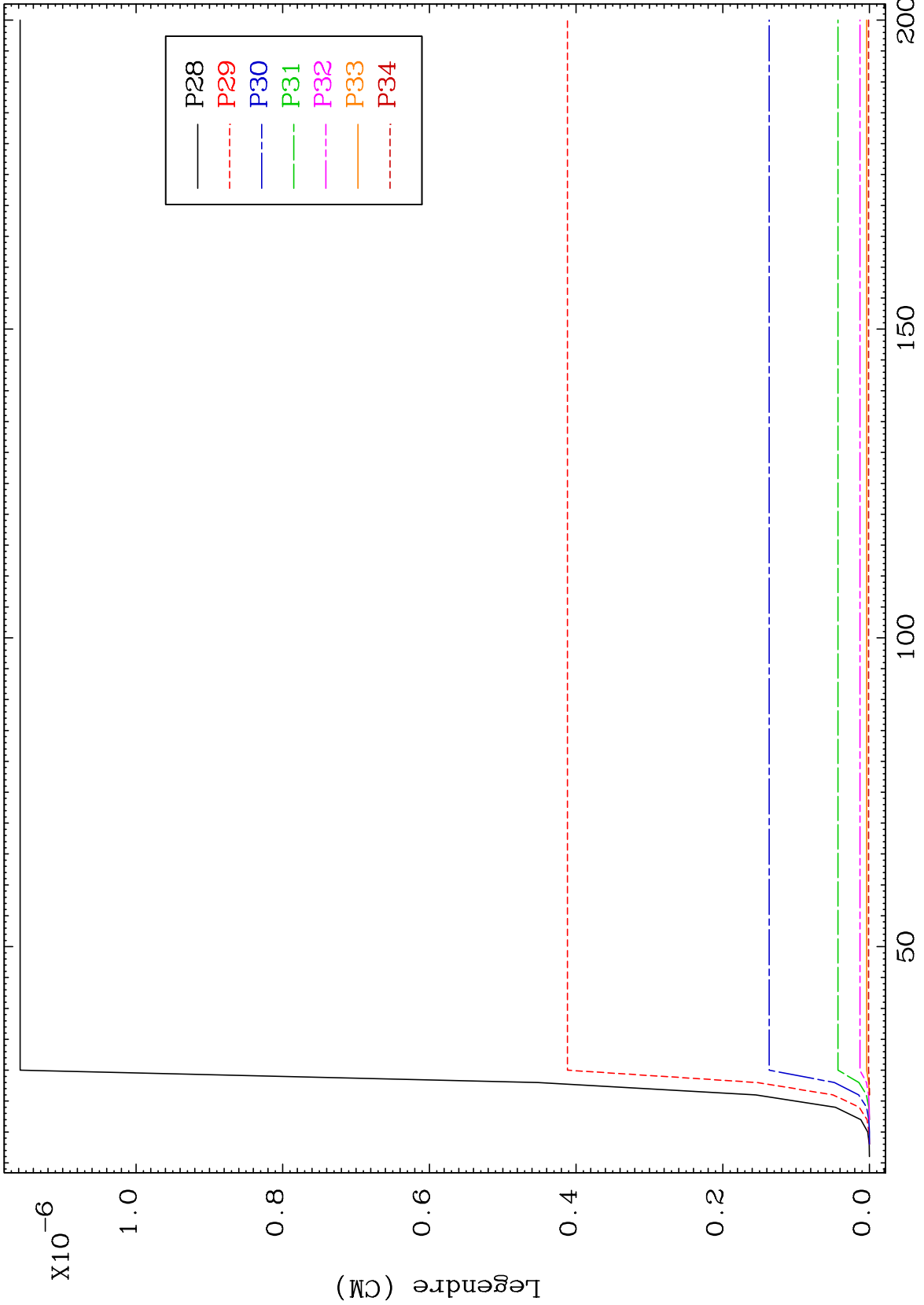
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



94

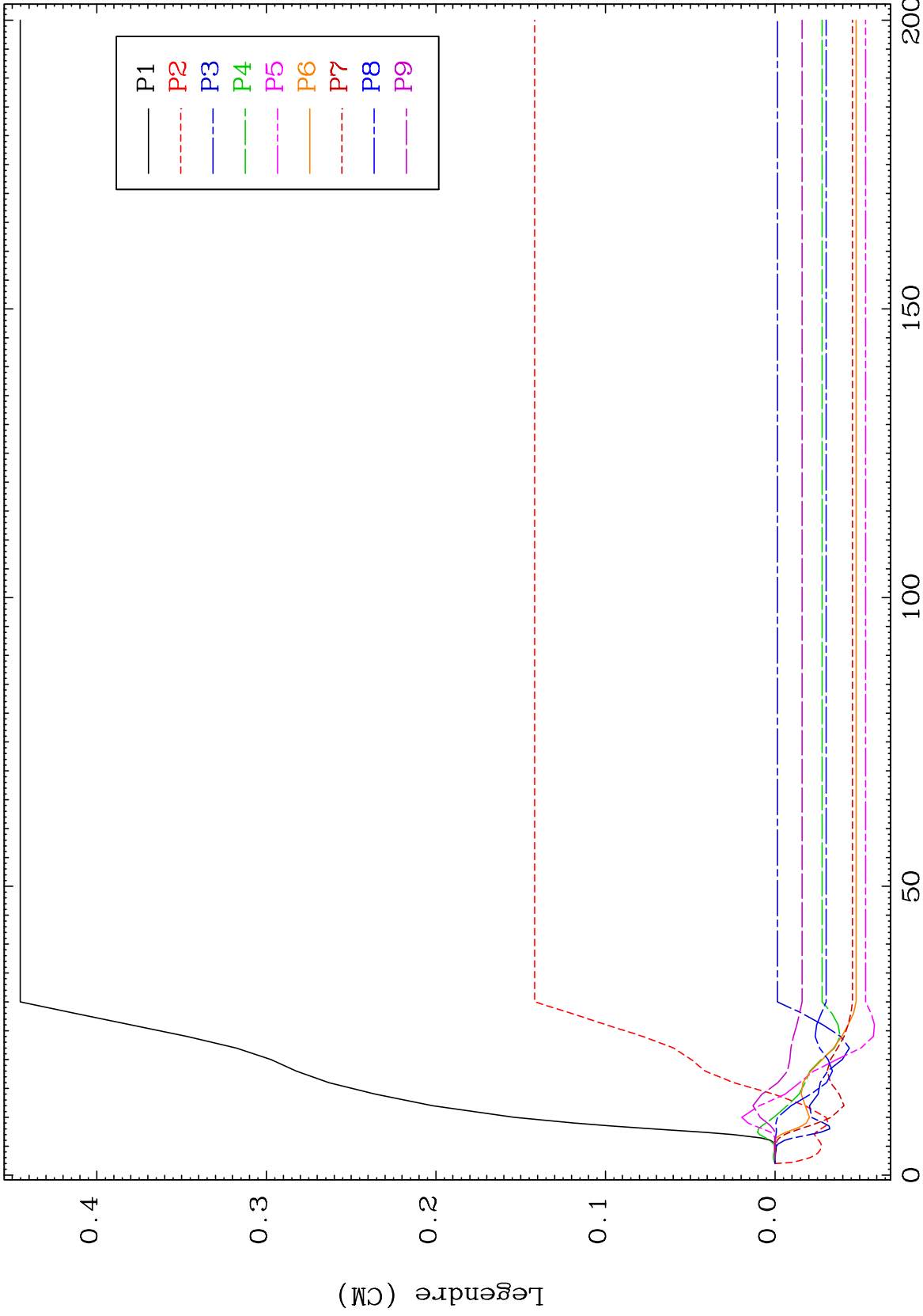
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



95

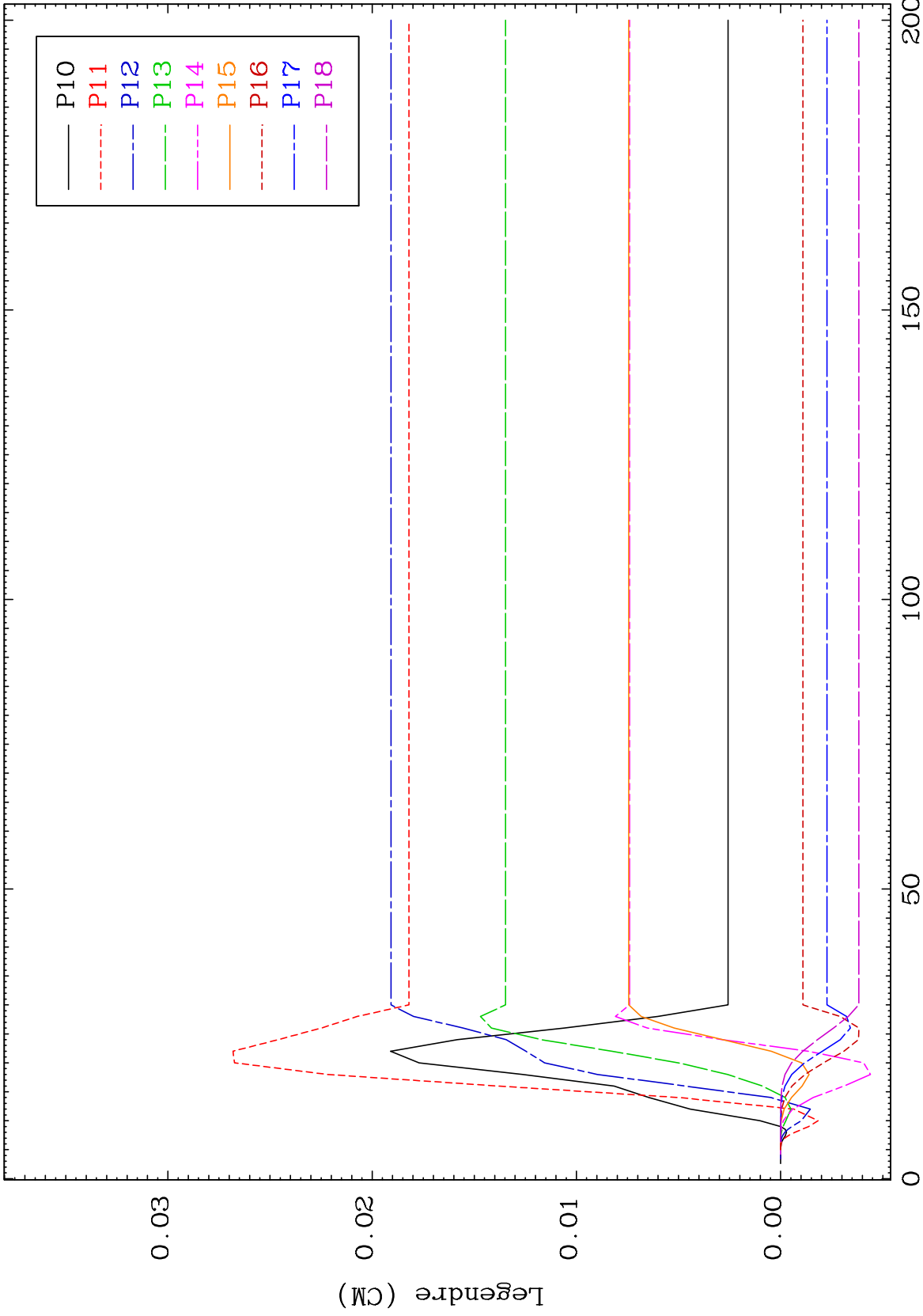
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



96

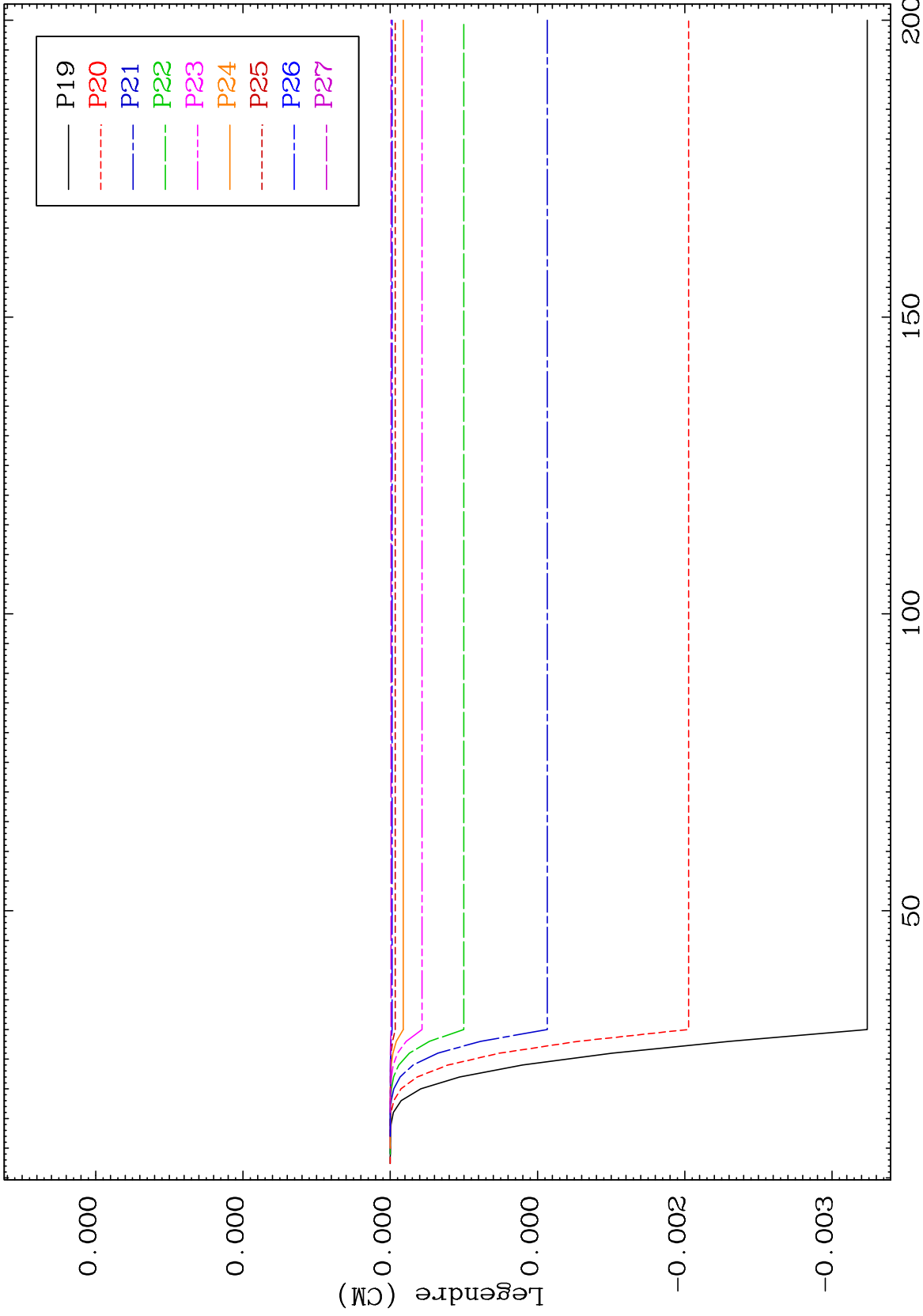
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



97

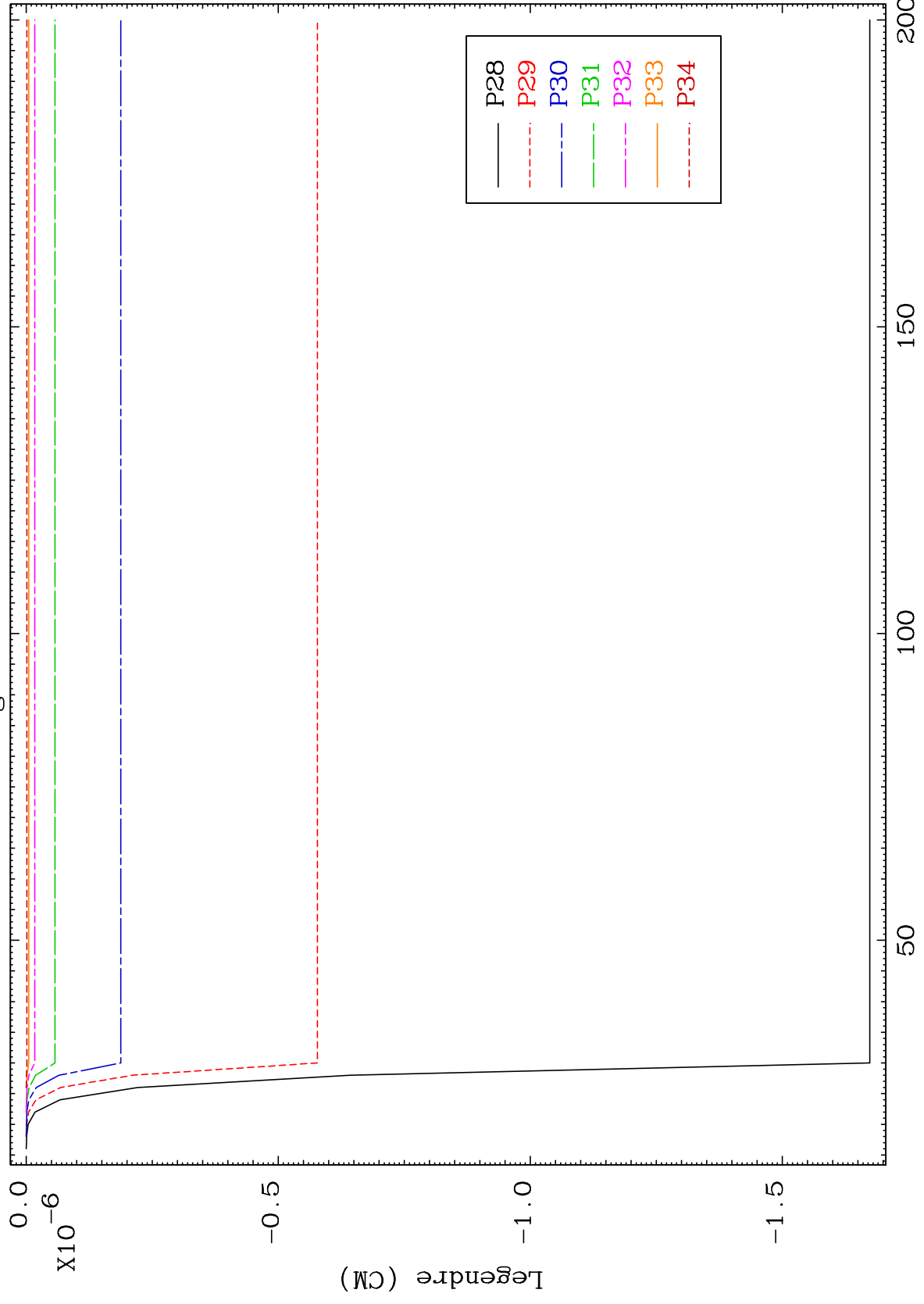
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



49-In-121

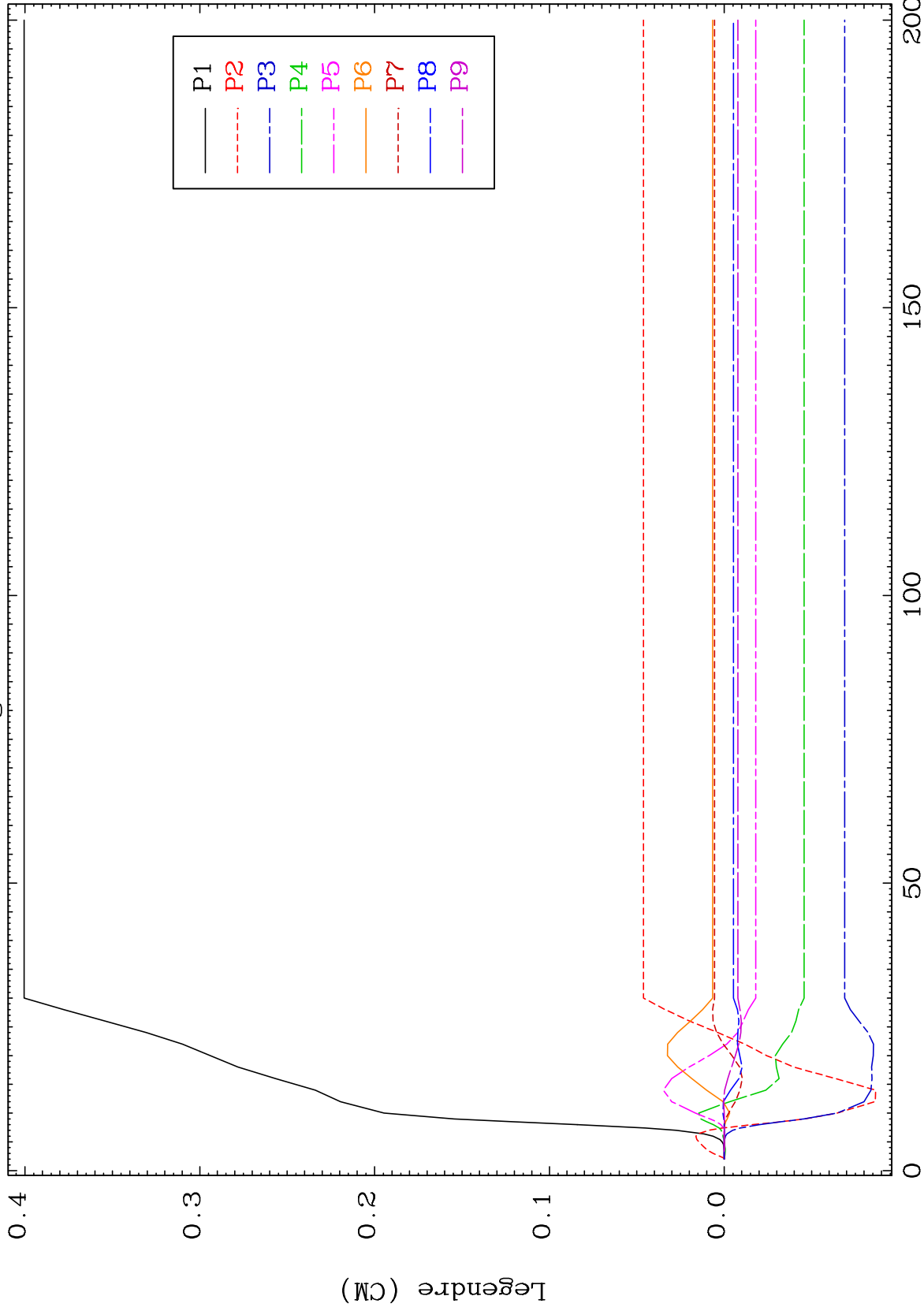
Incident Energy (MeV)

98

MAT 4949

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

49-In-121



99

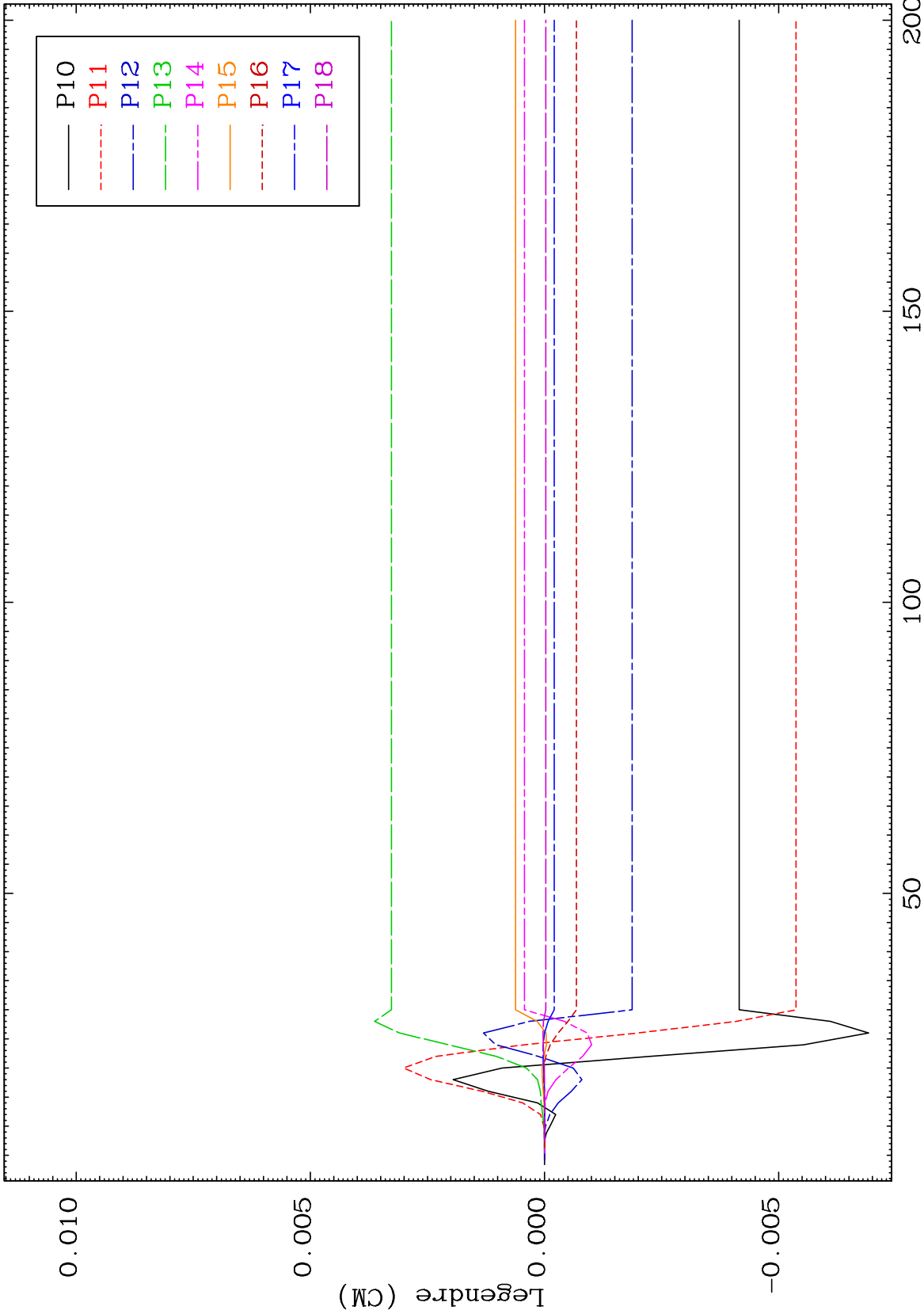
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



100

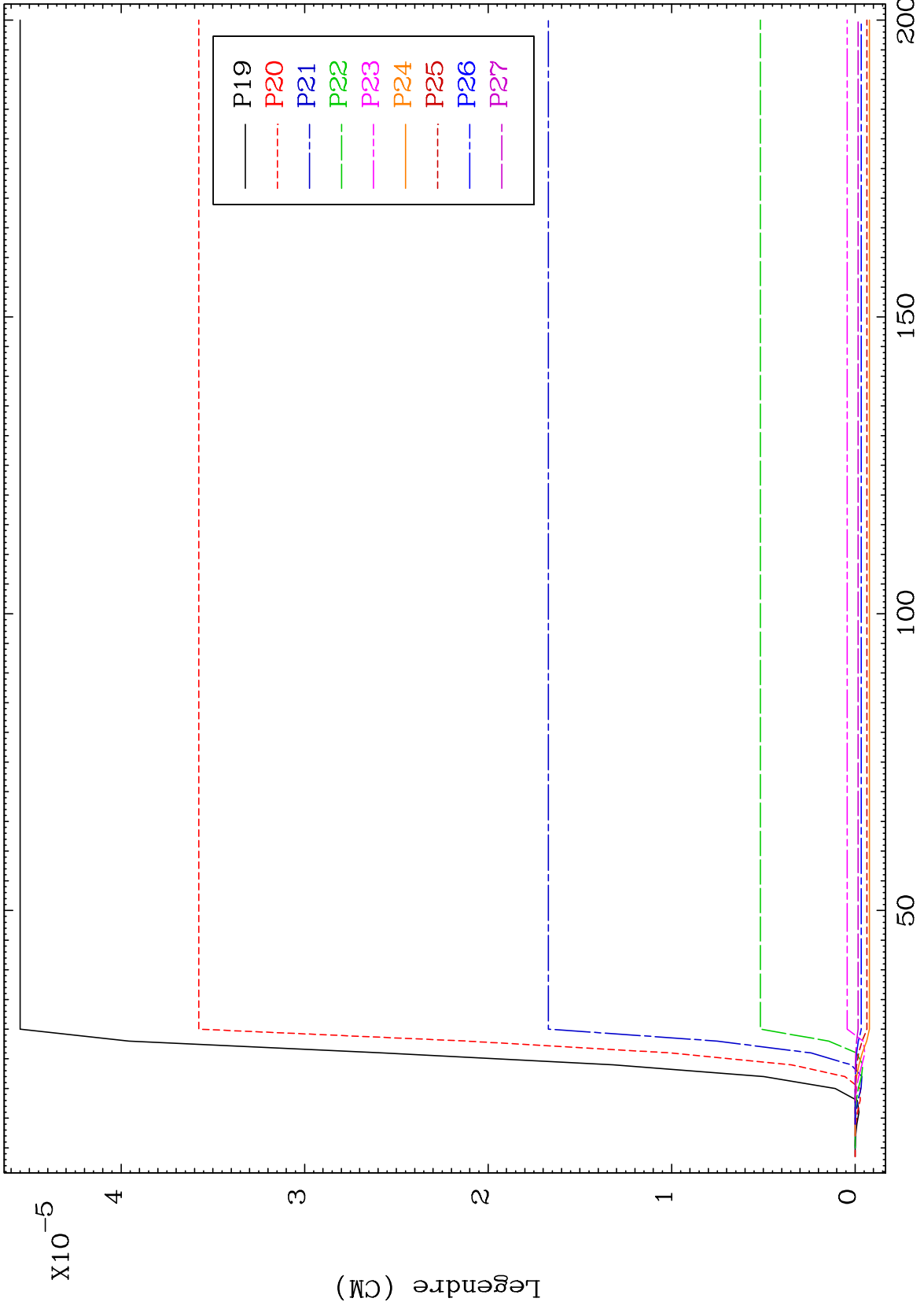
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



101

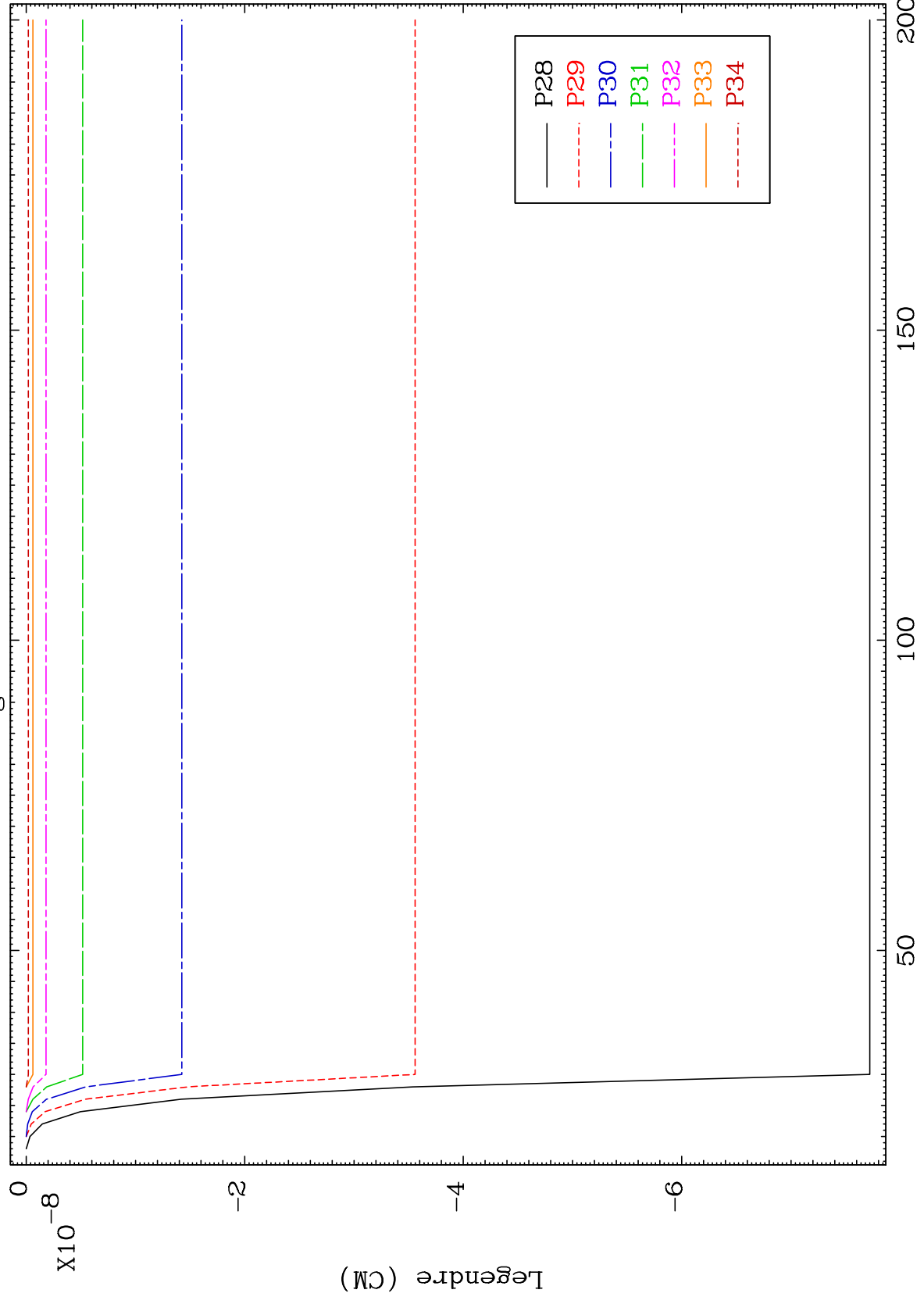
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



49-In-121

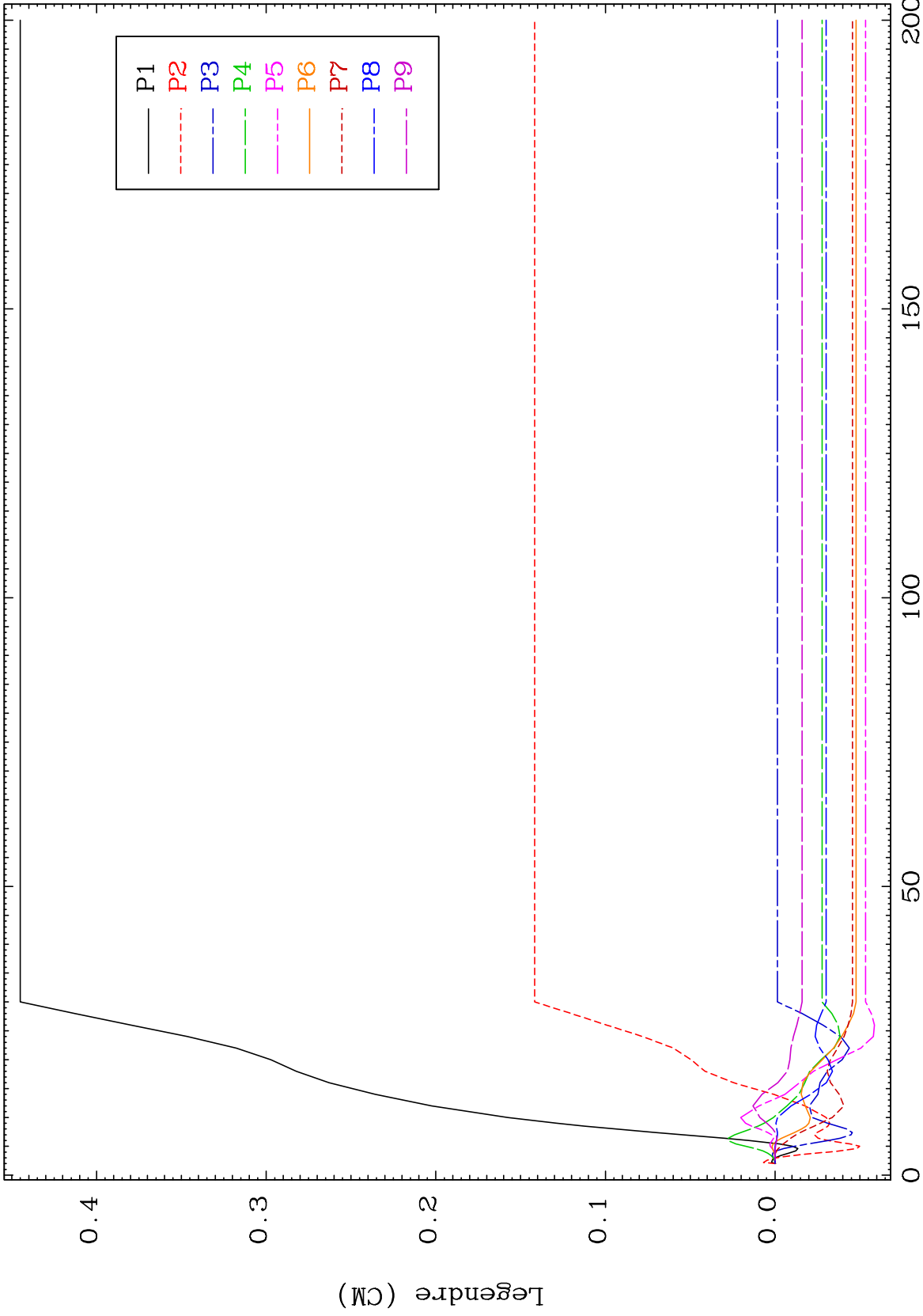
Incident Energy (MeV)

102

MAT 4949

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

49-In-121



103

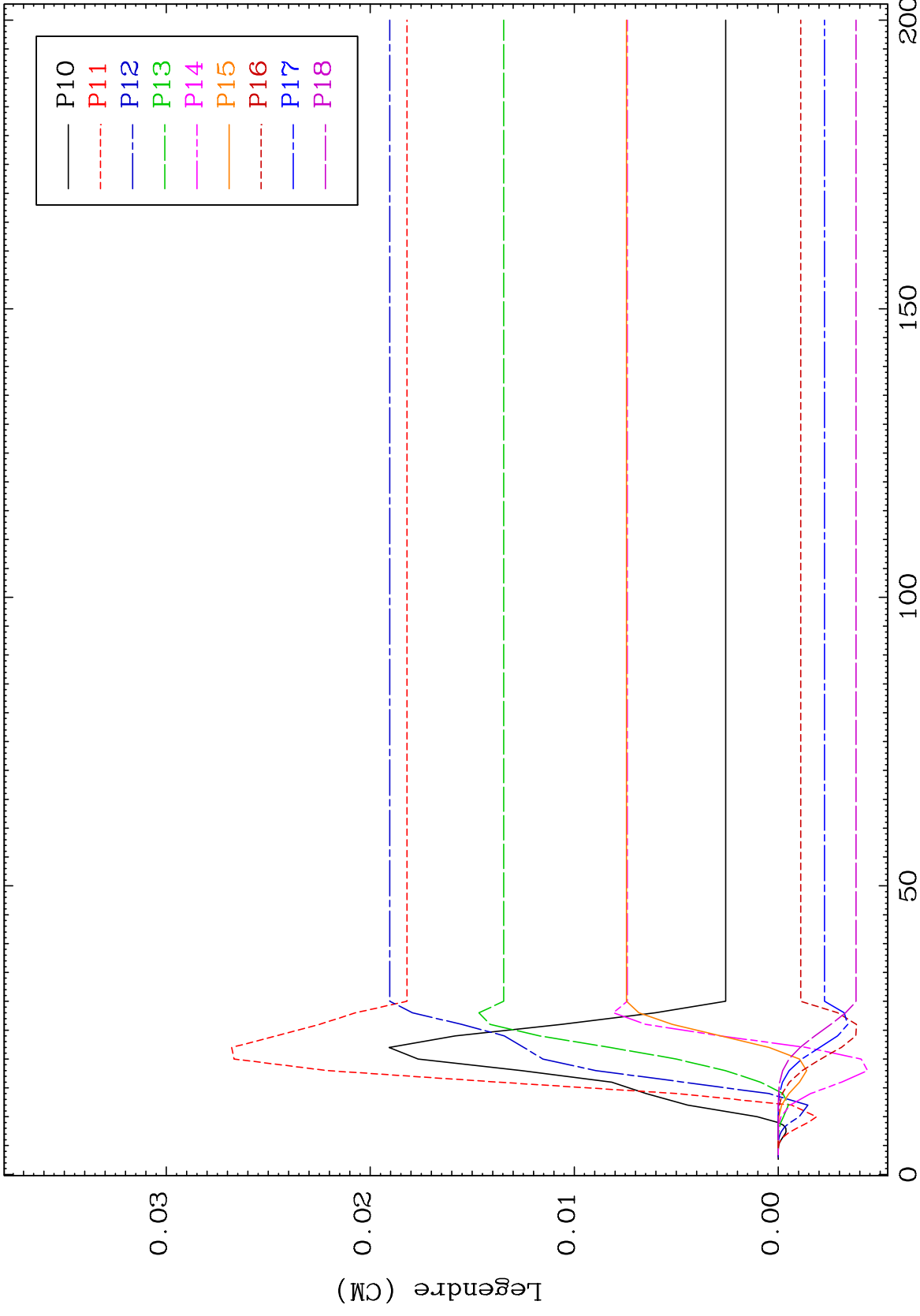
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



104

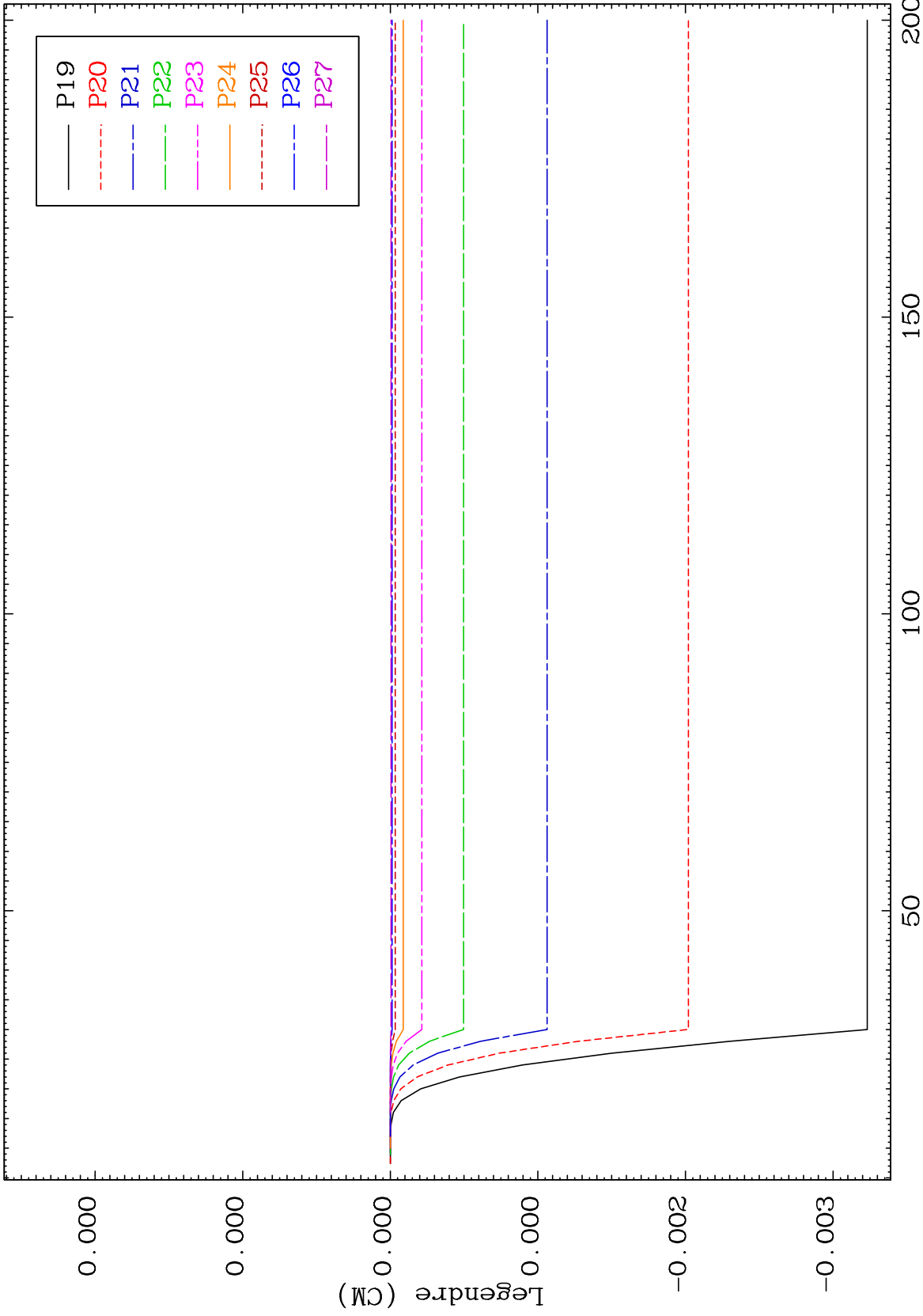
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



105

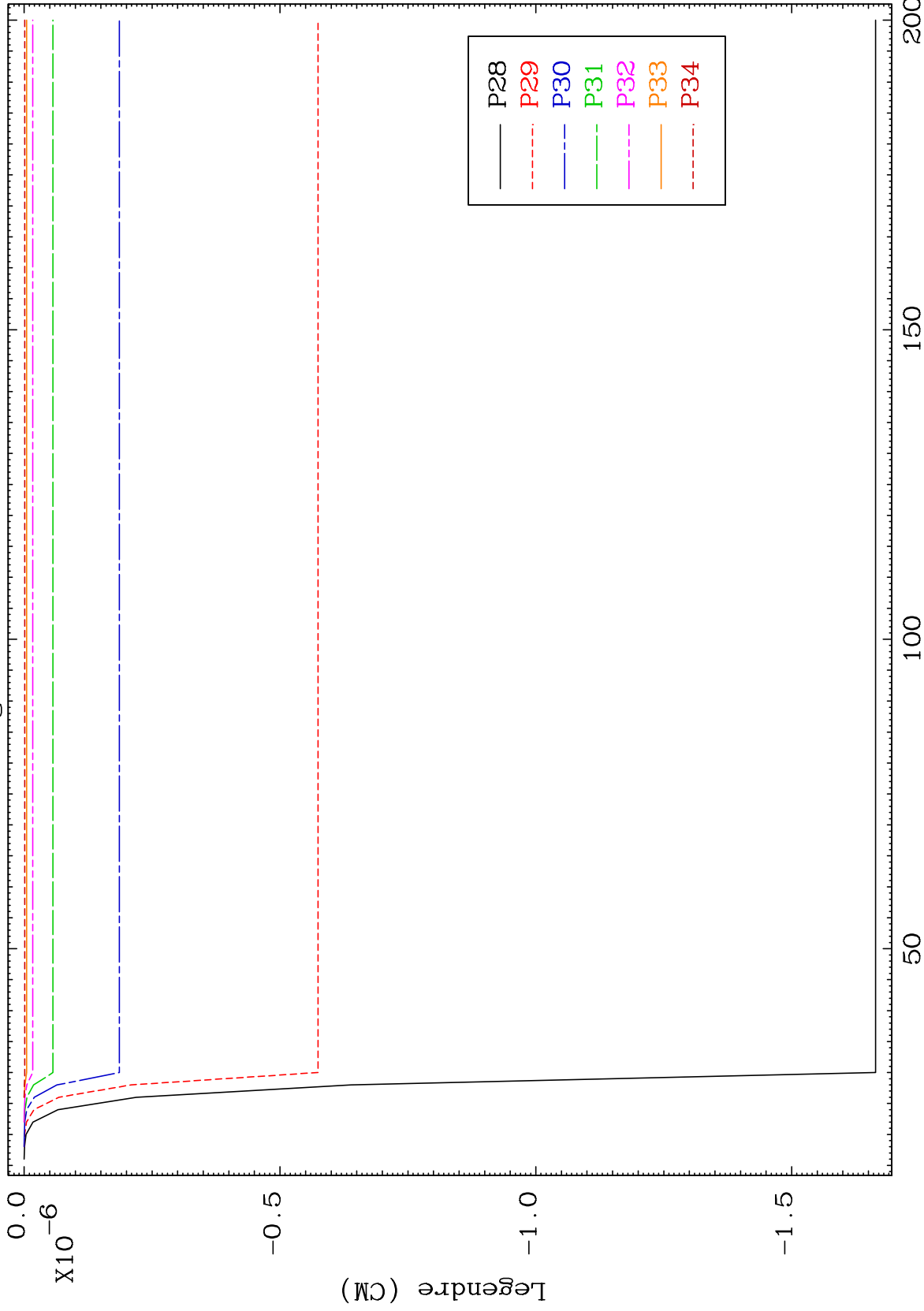
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



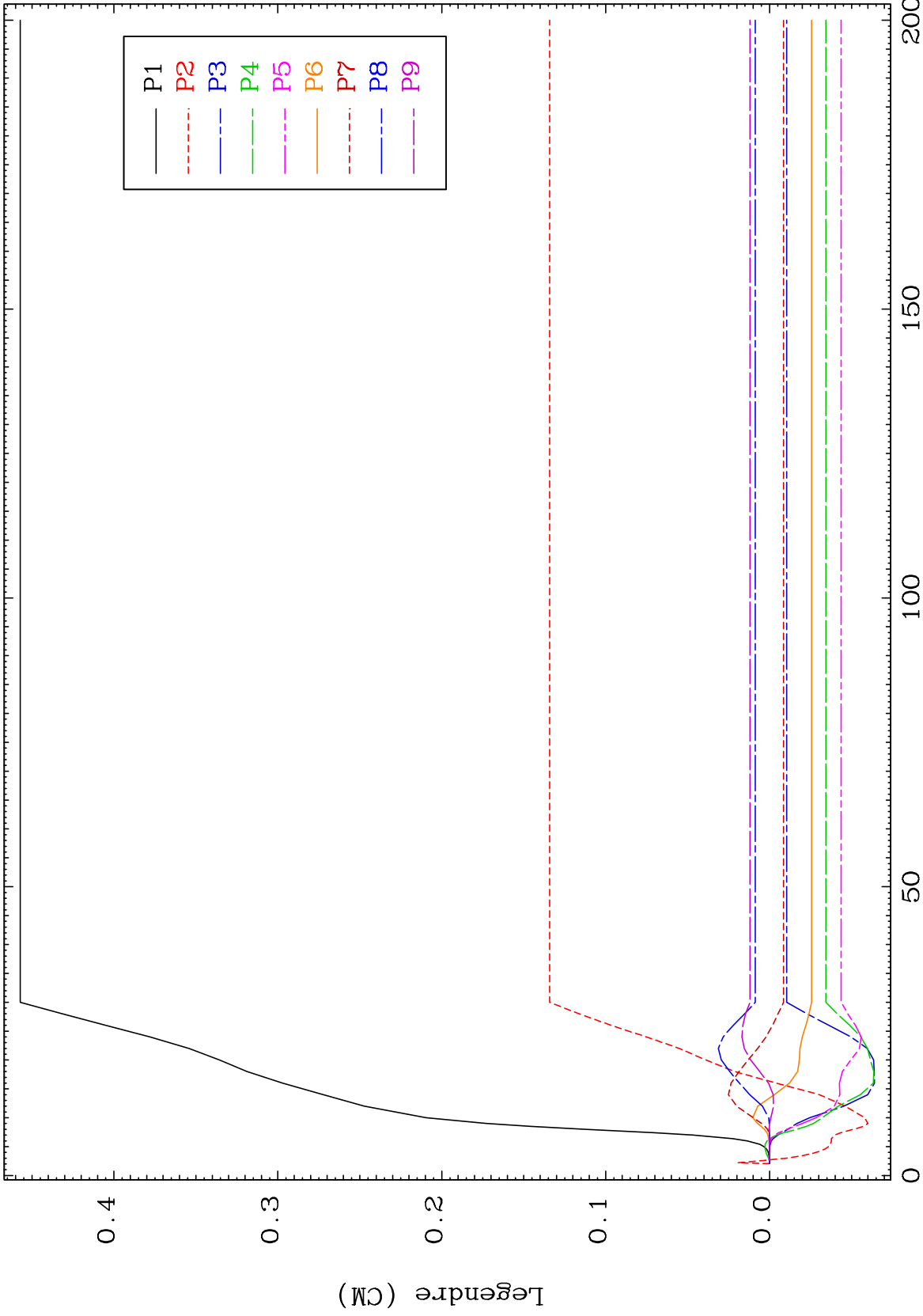
106

49-In-121

MAT 4949

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

49-In-121



107

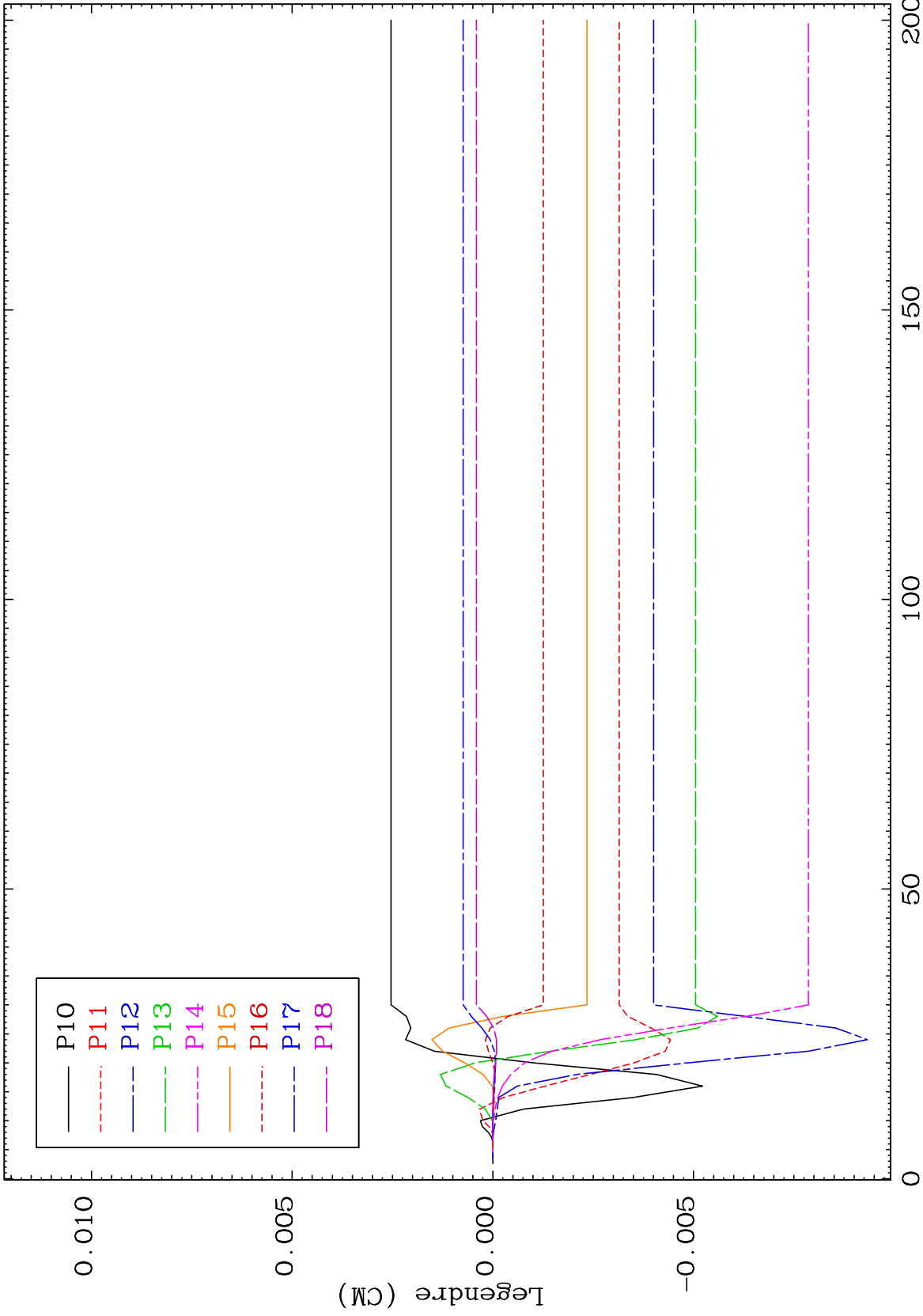
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



108

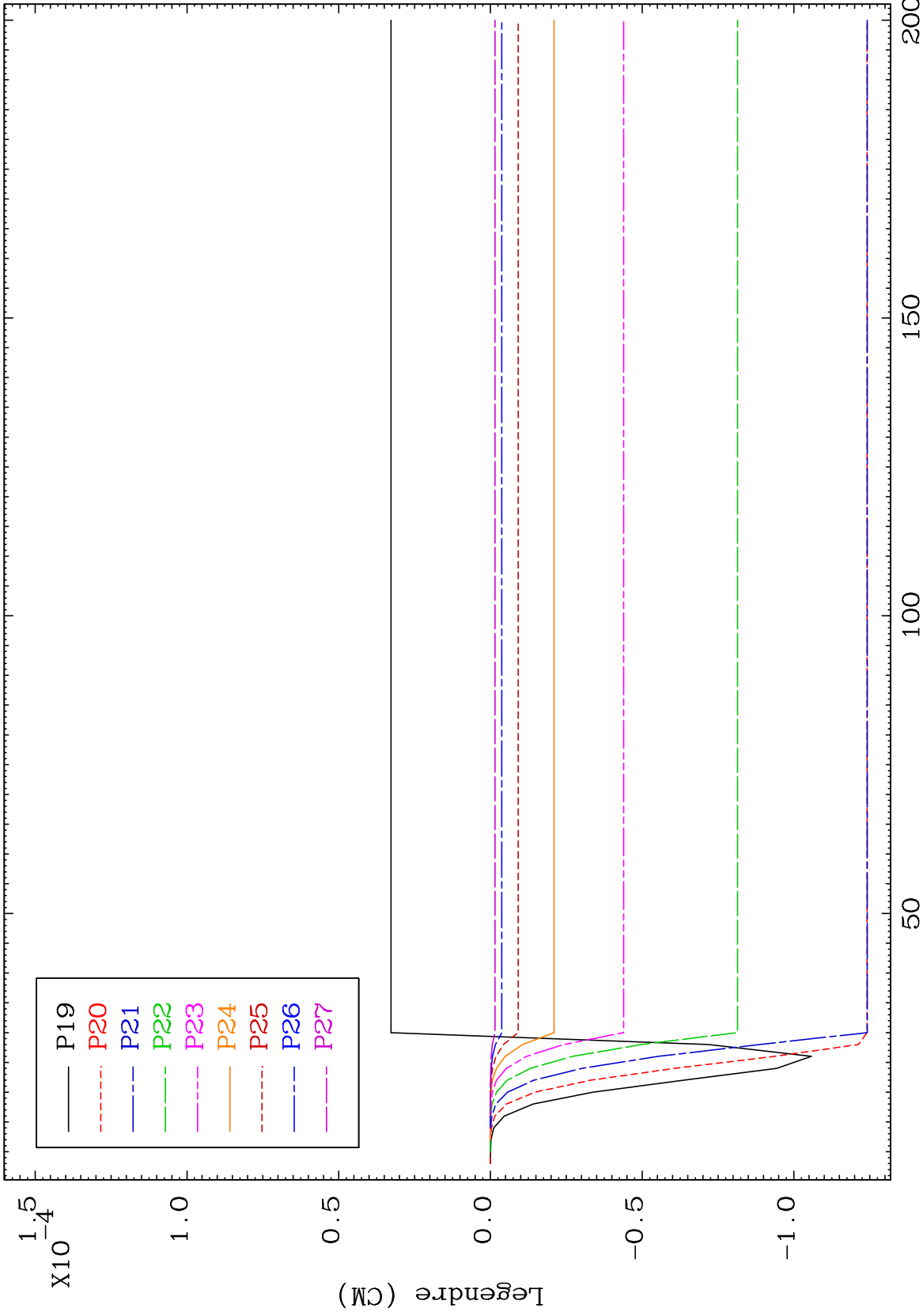
Incident Energy (MeV)

49-In-121

MAT 4949

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

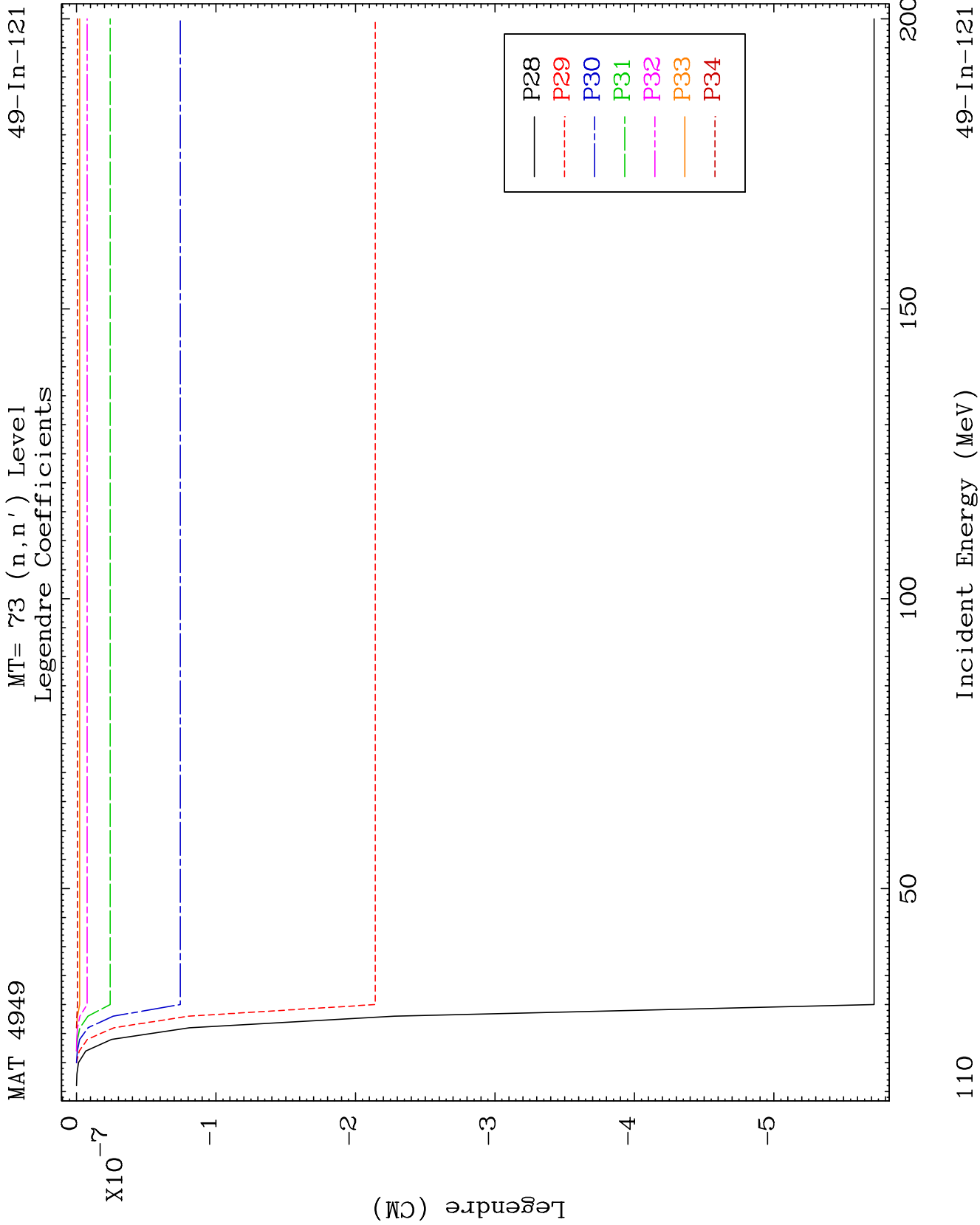
49-In-121



109

Incident Energy (MeV)

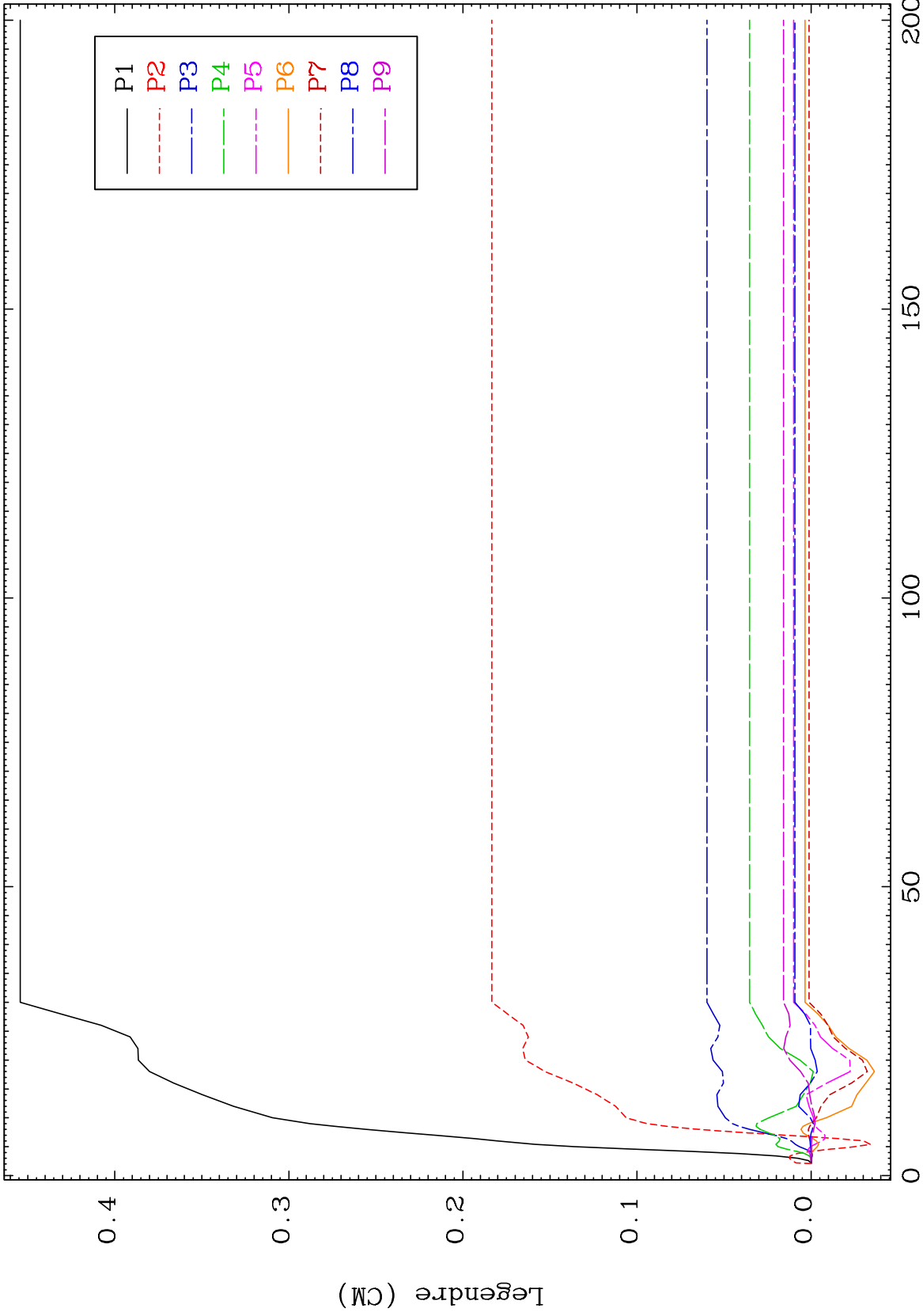
49-In-121



MAT 4949

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

49-In-121



111

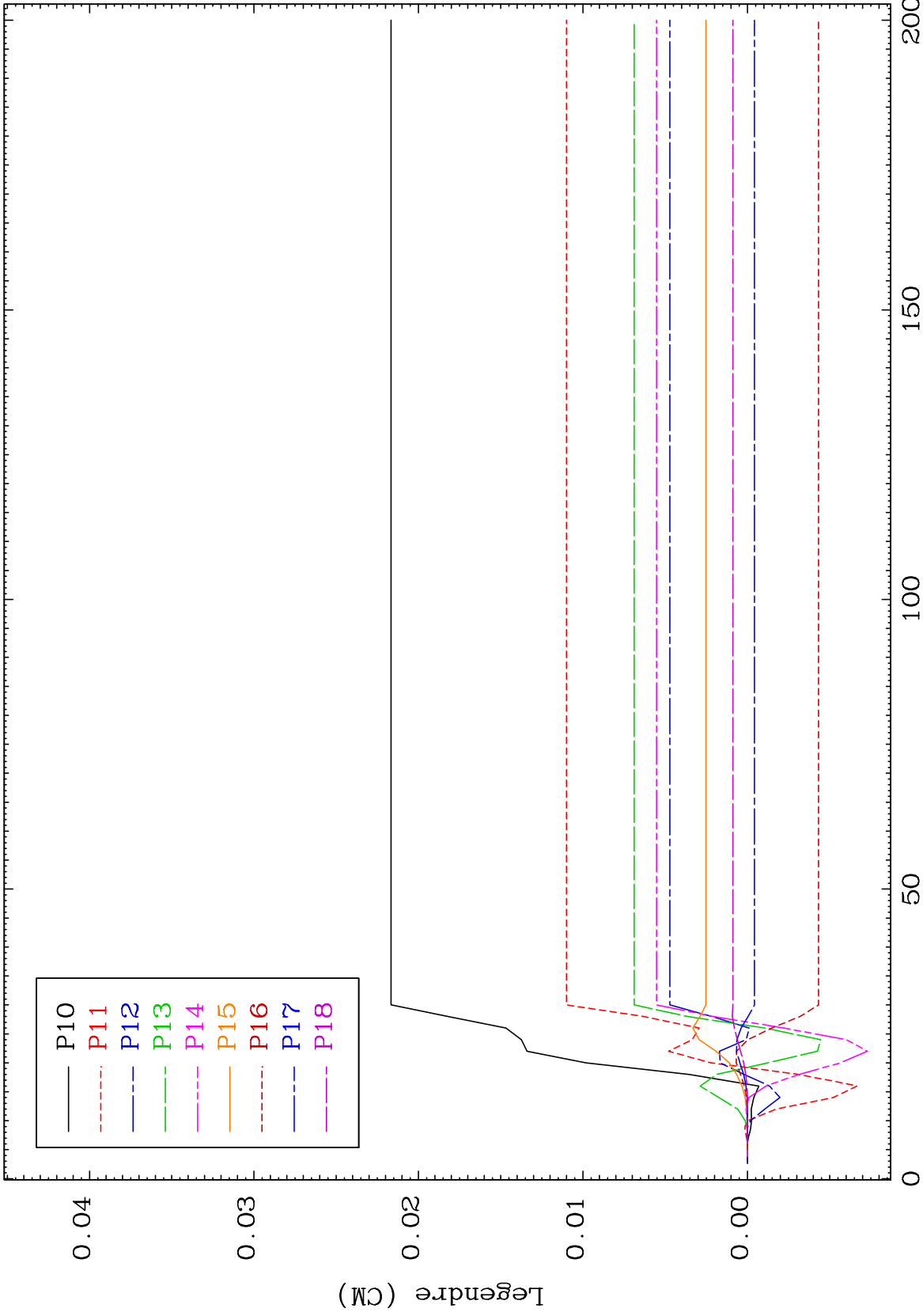
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



112

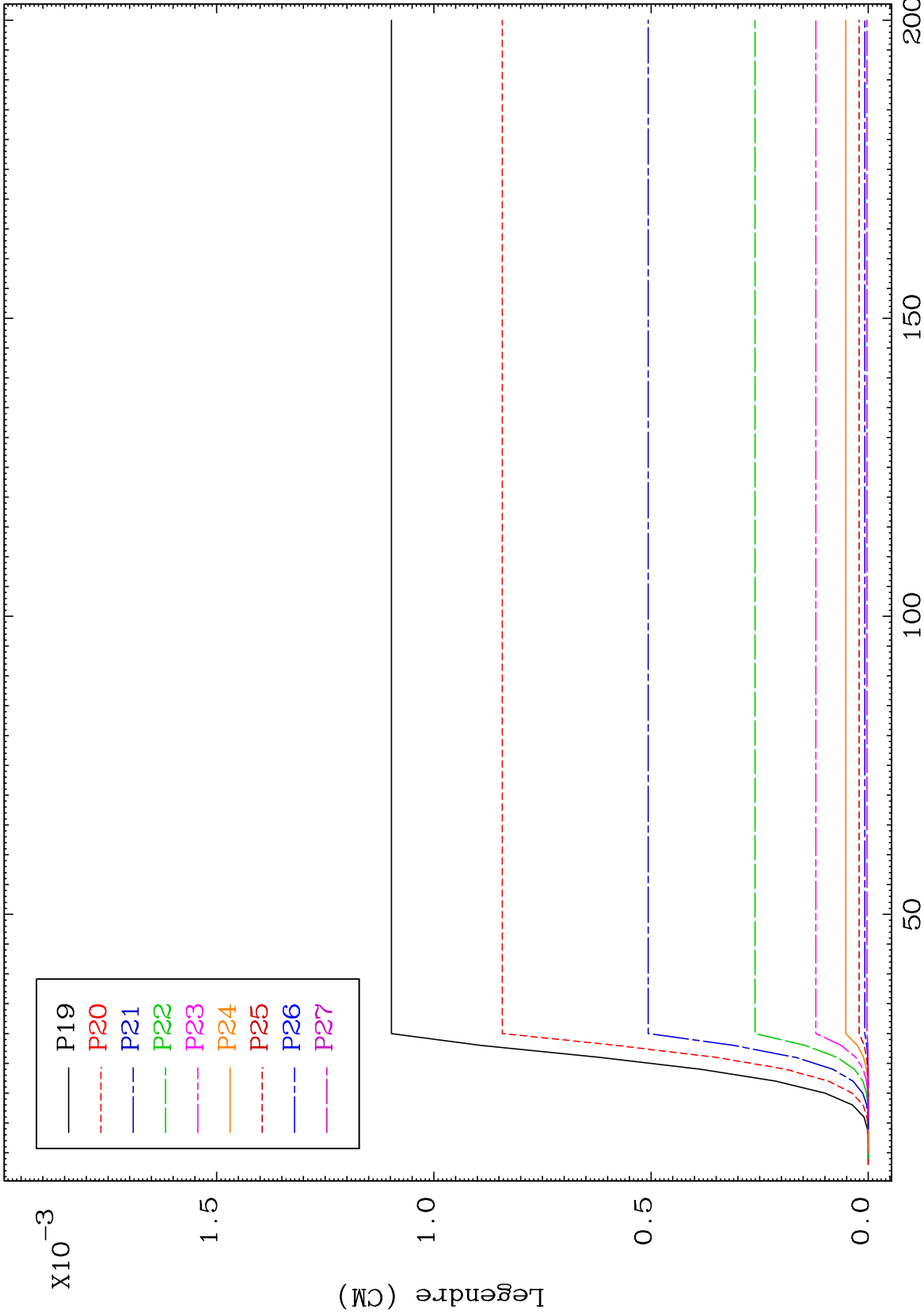
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



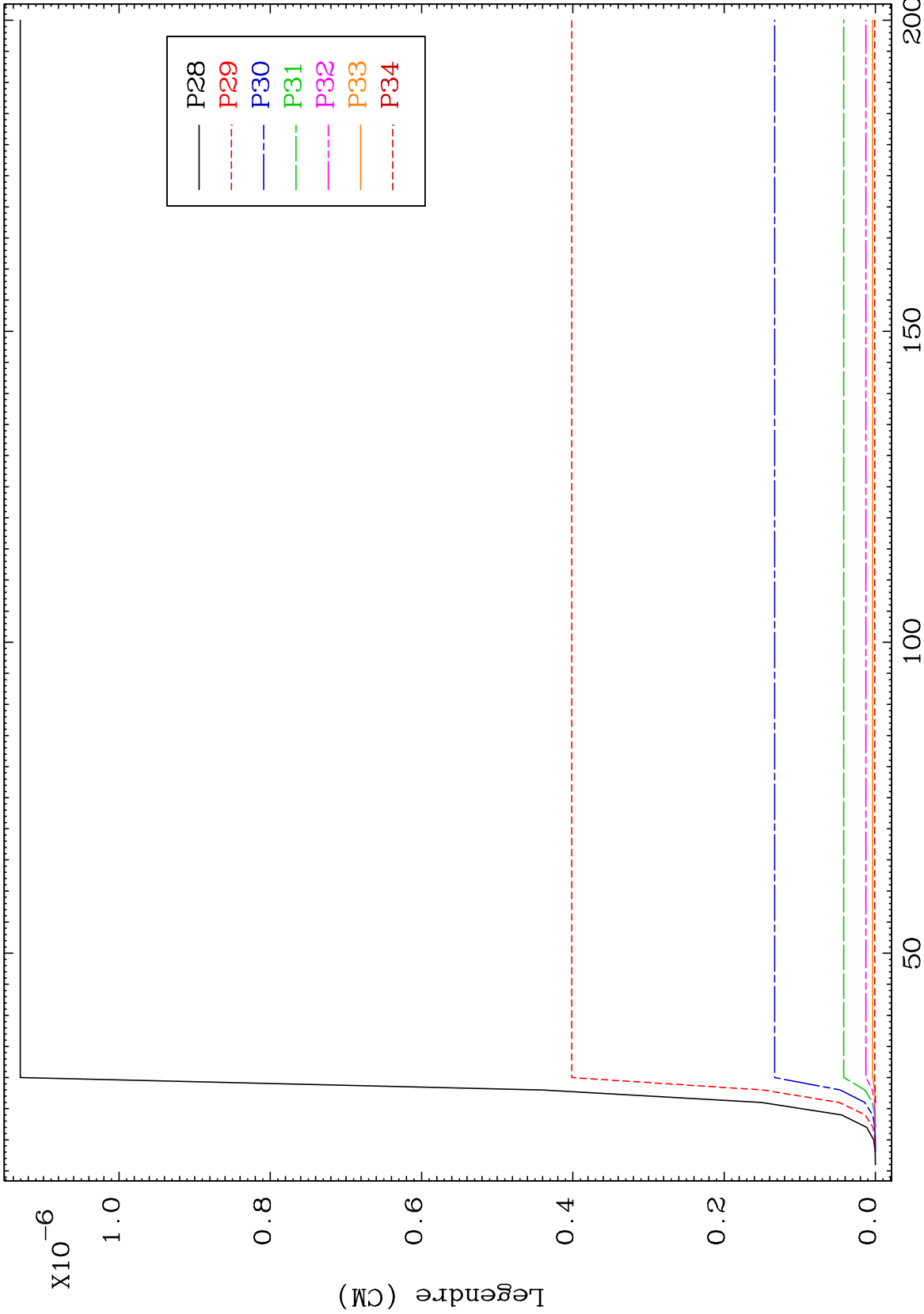
113

49-In-121

MAT 4949

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

49-In-121



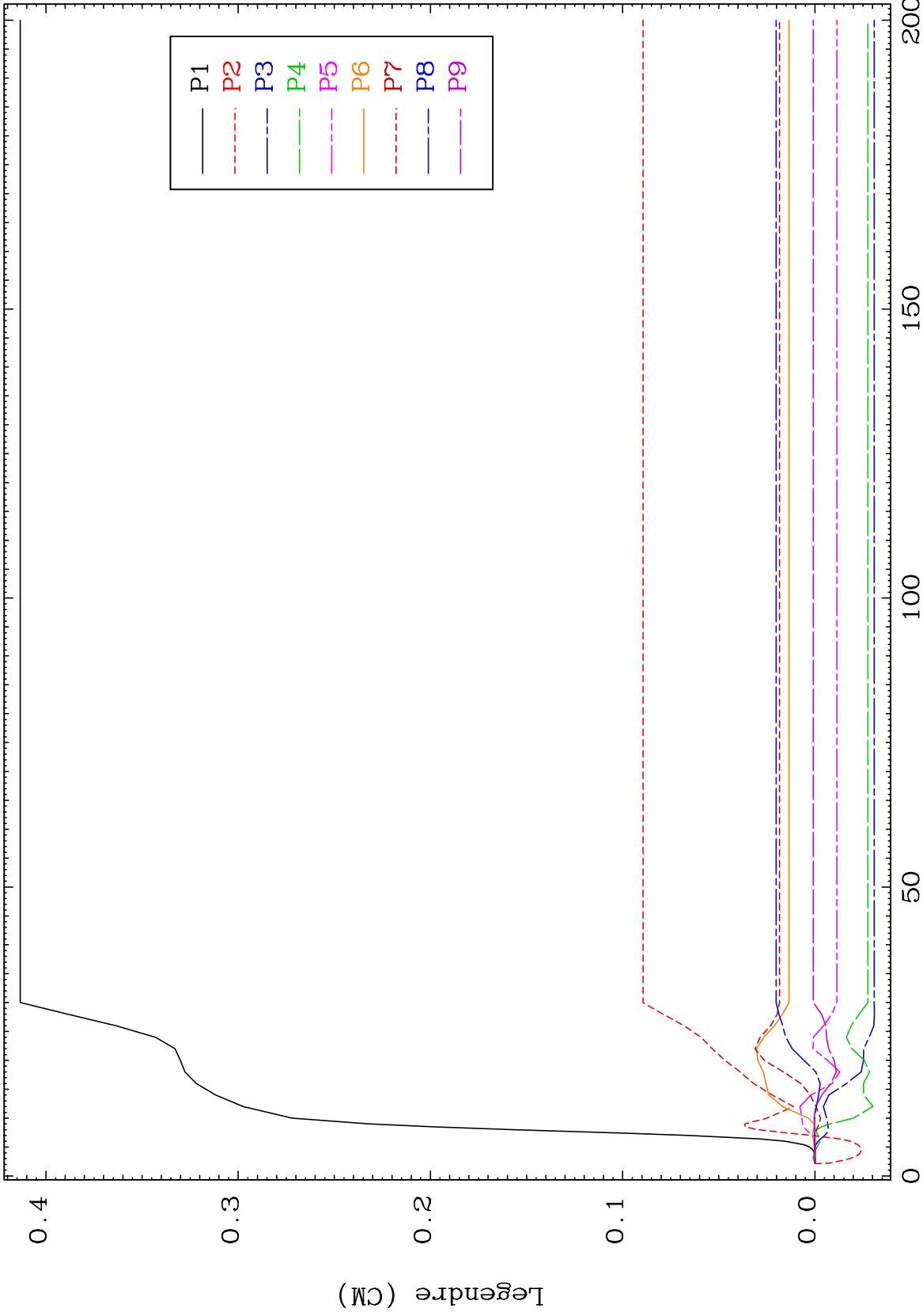
114

49-In-121

MAT 4949

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

49-In-121



115

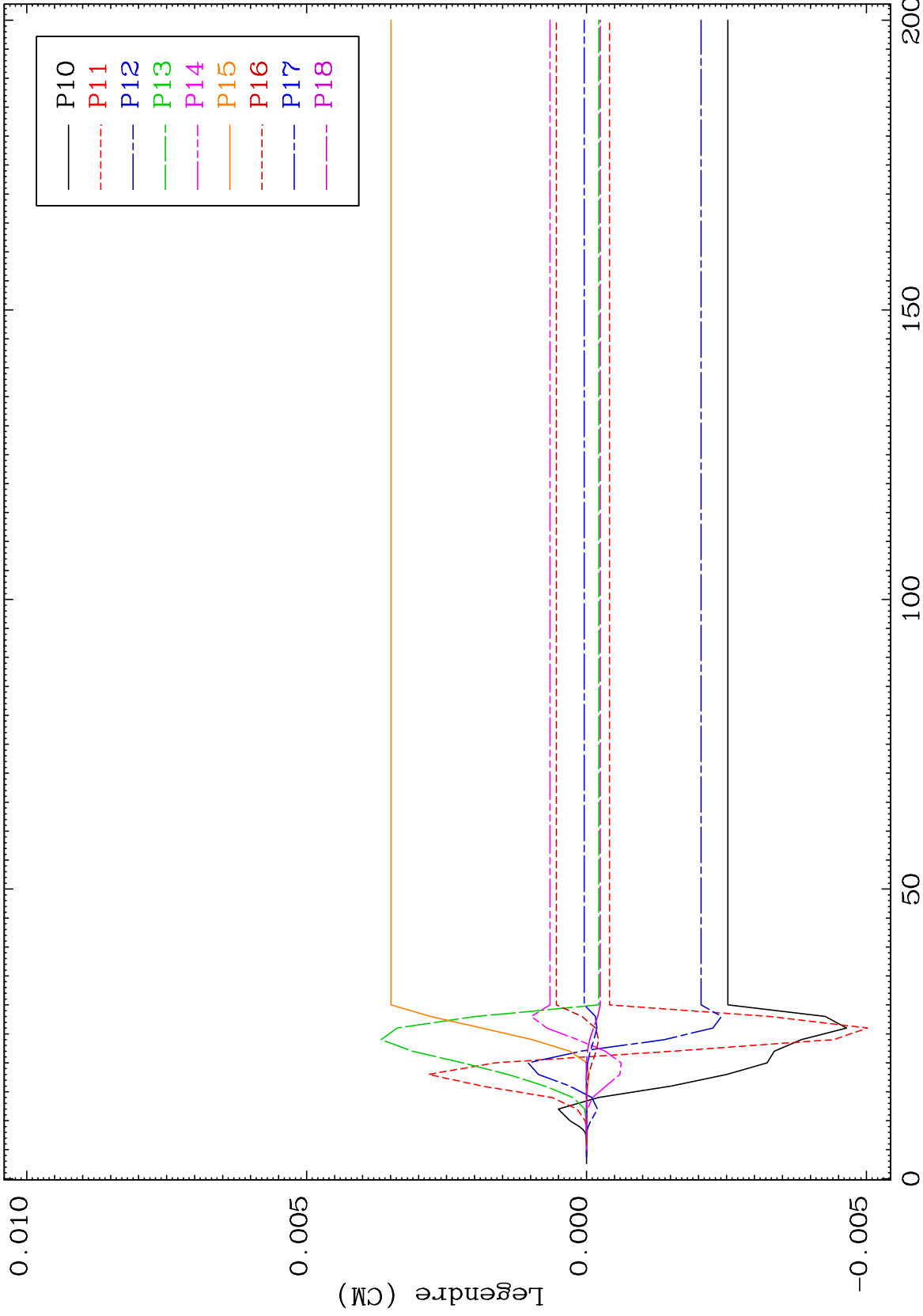
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



116

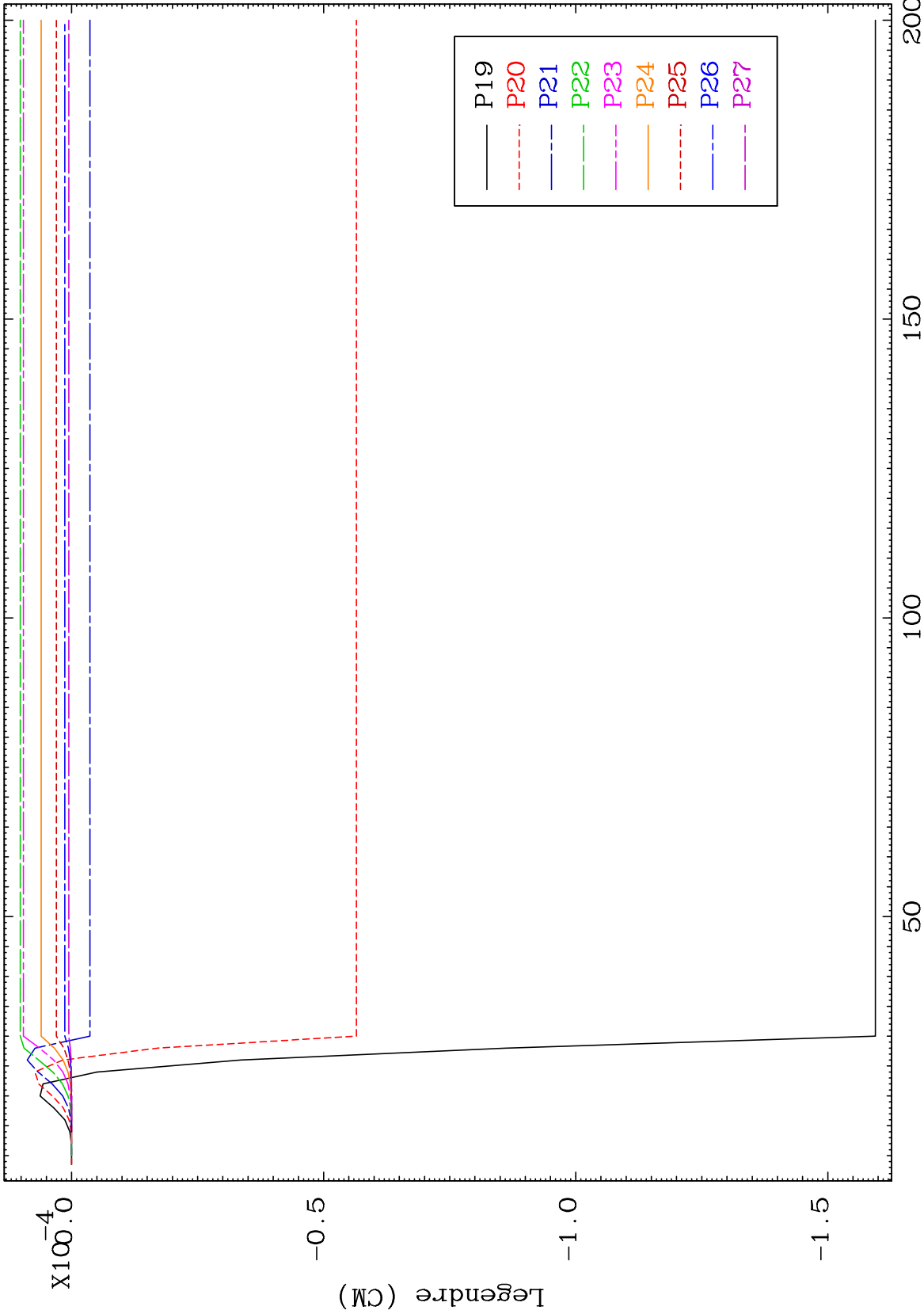
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



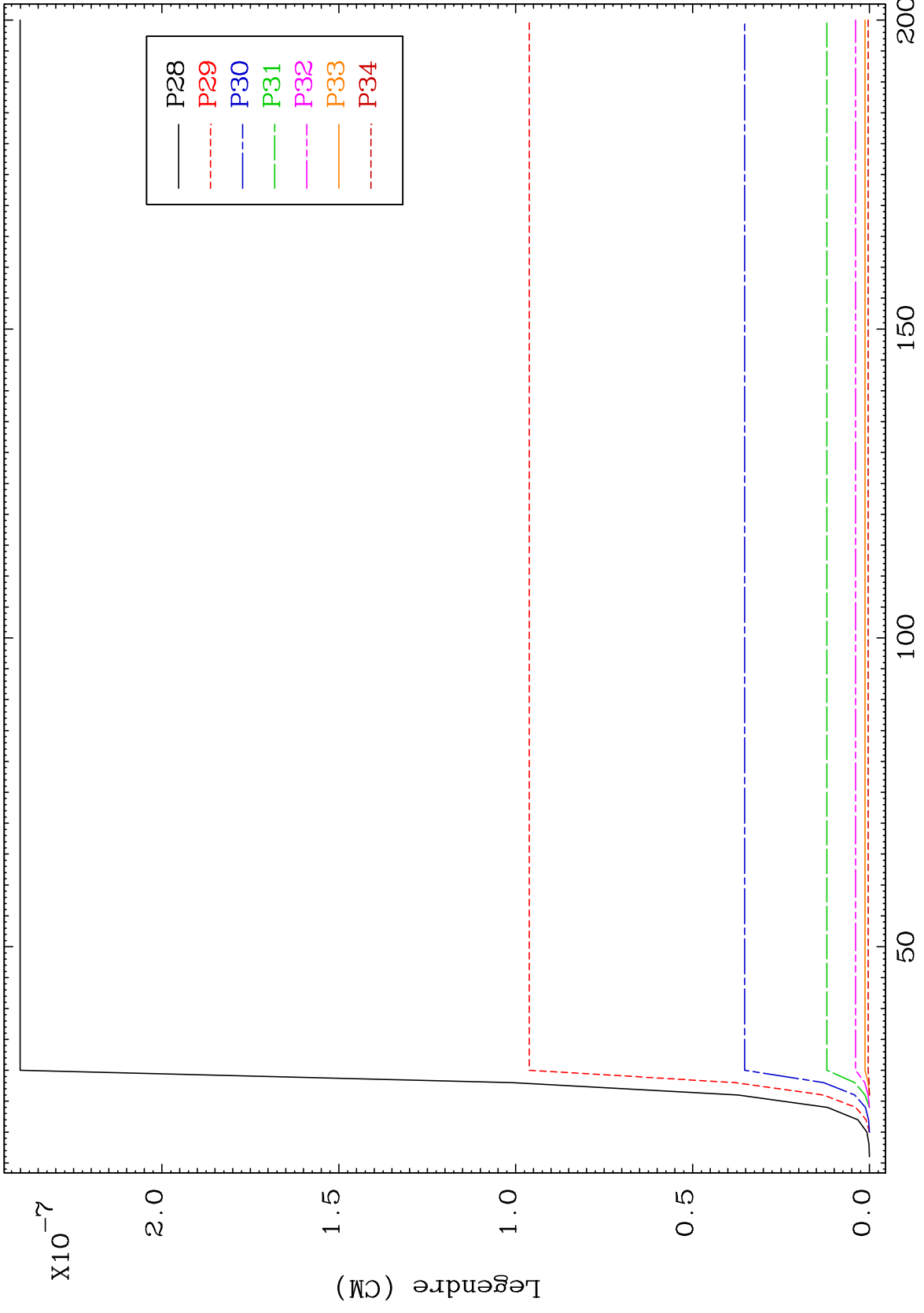
117

49-In-121

MAT 4949

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

49-In-121



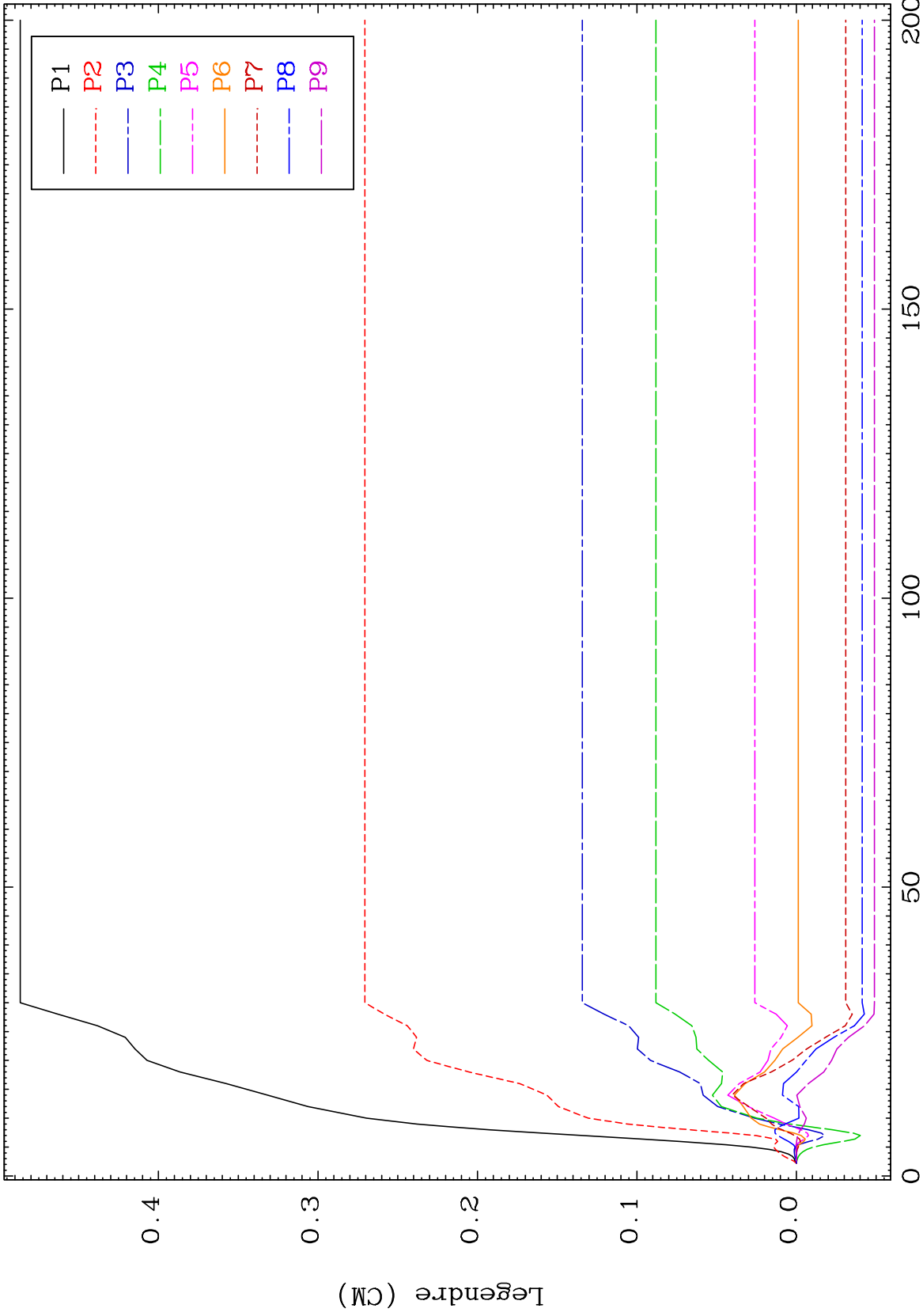
118

49-In-121

MAT 4949

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

49-In-121



119

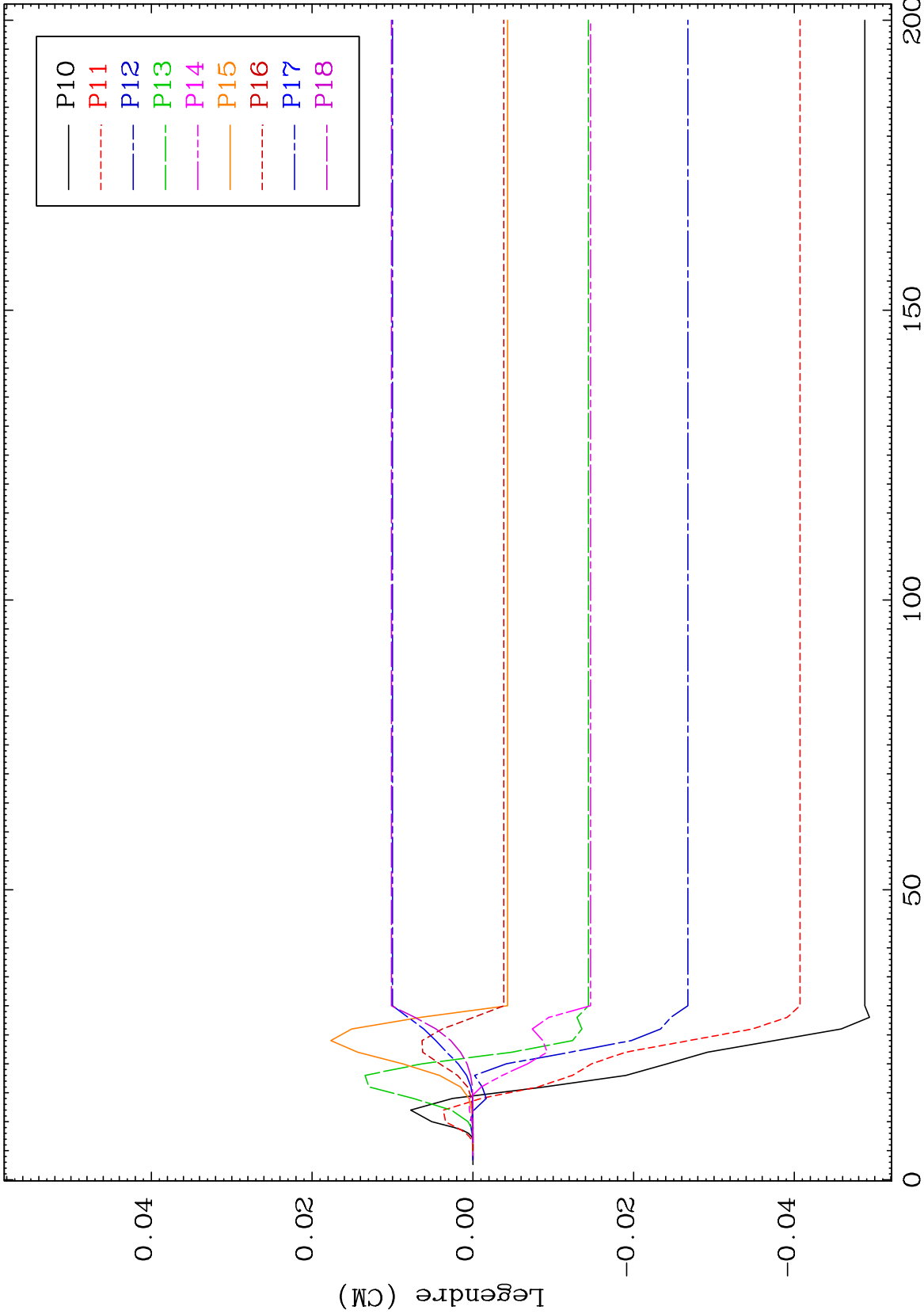
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



120

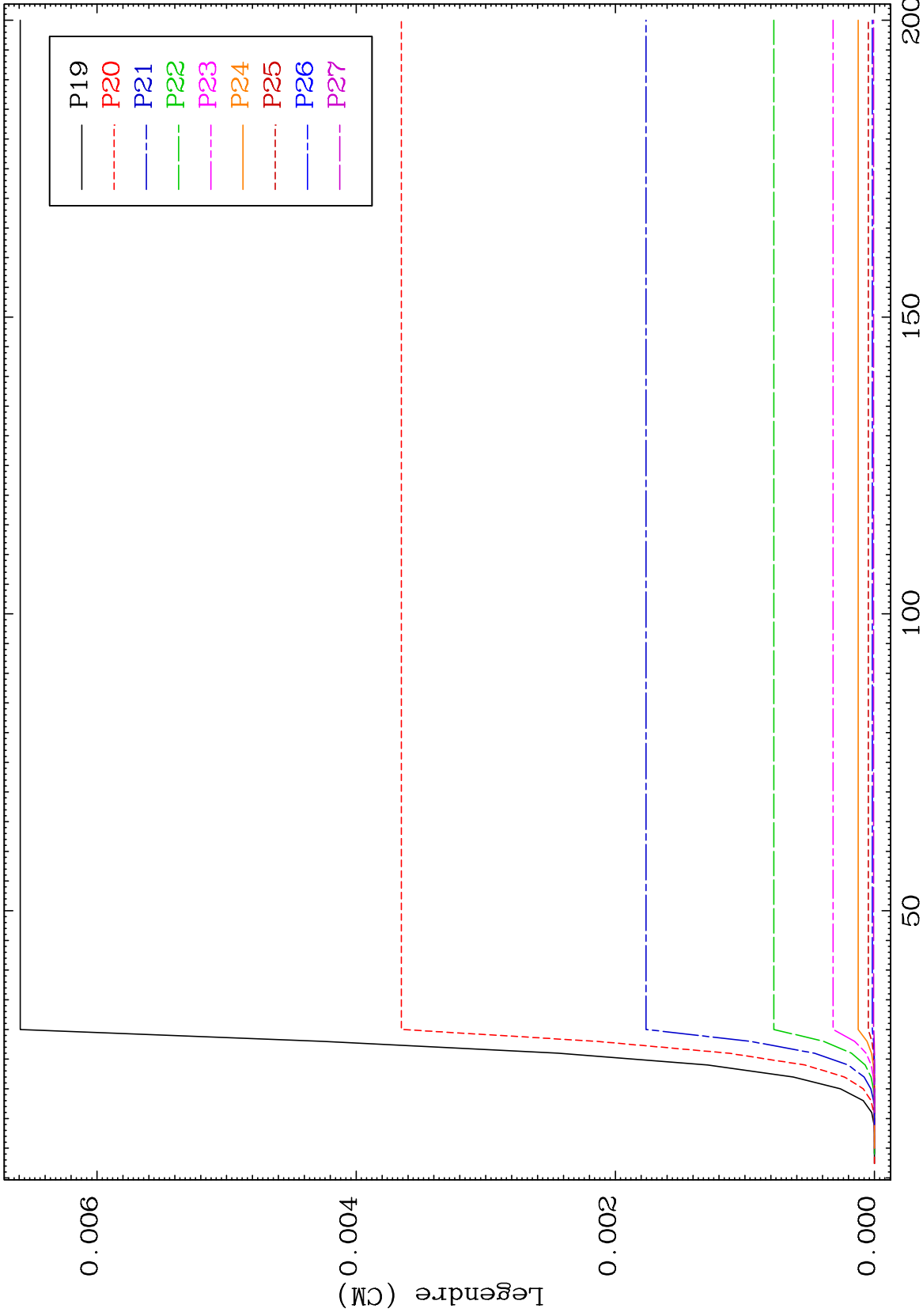
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



121

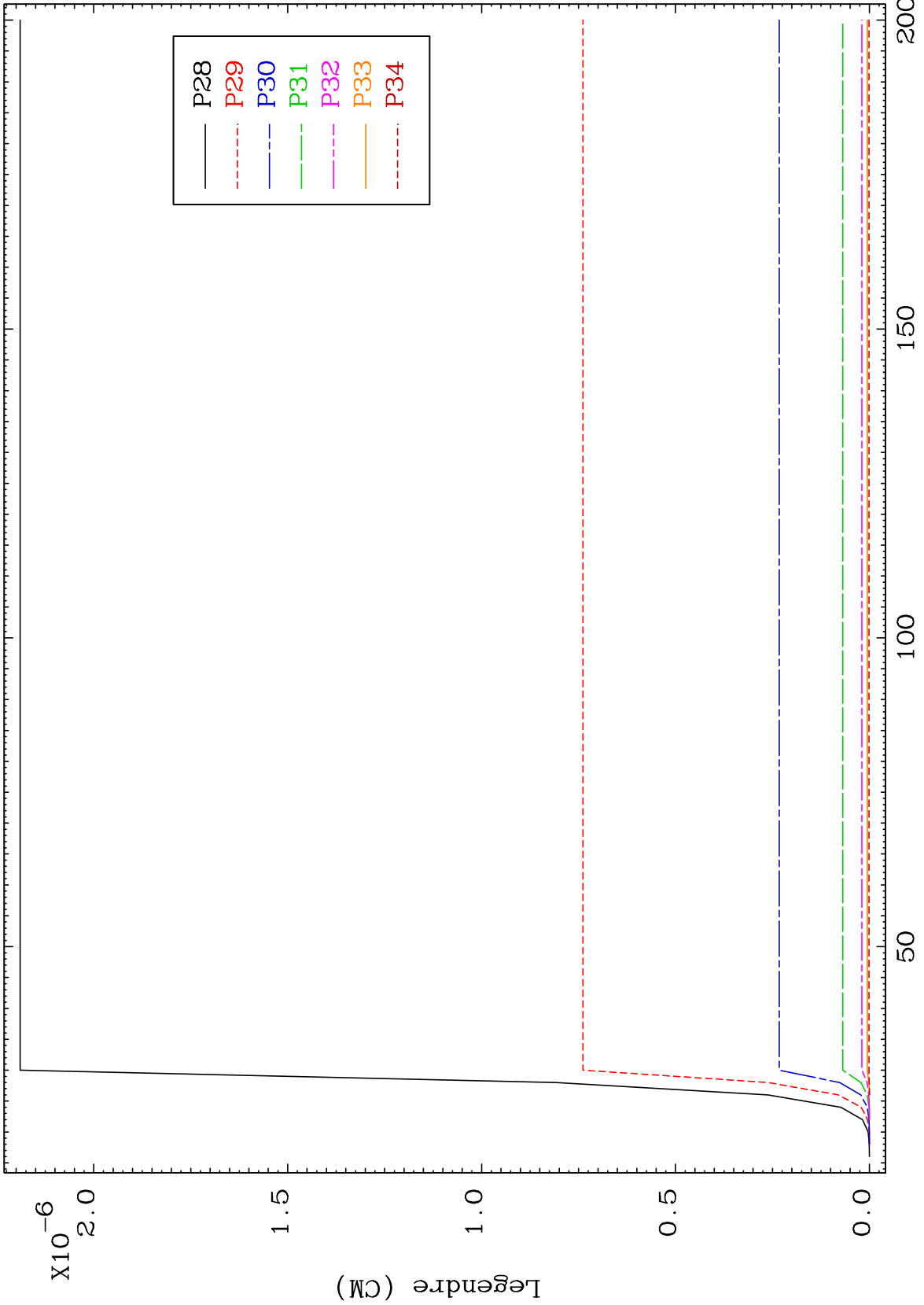
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



122

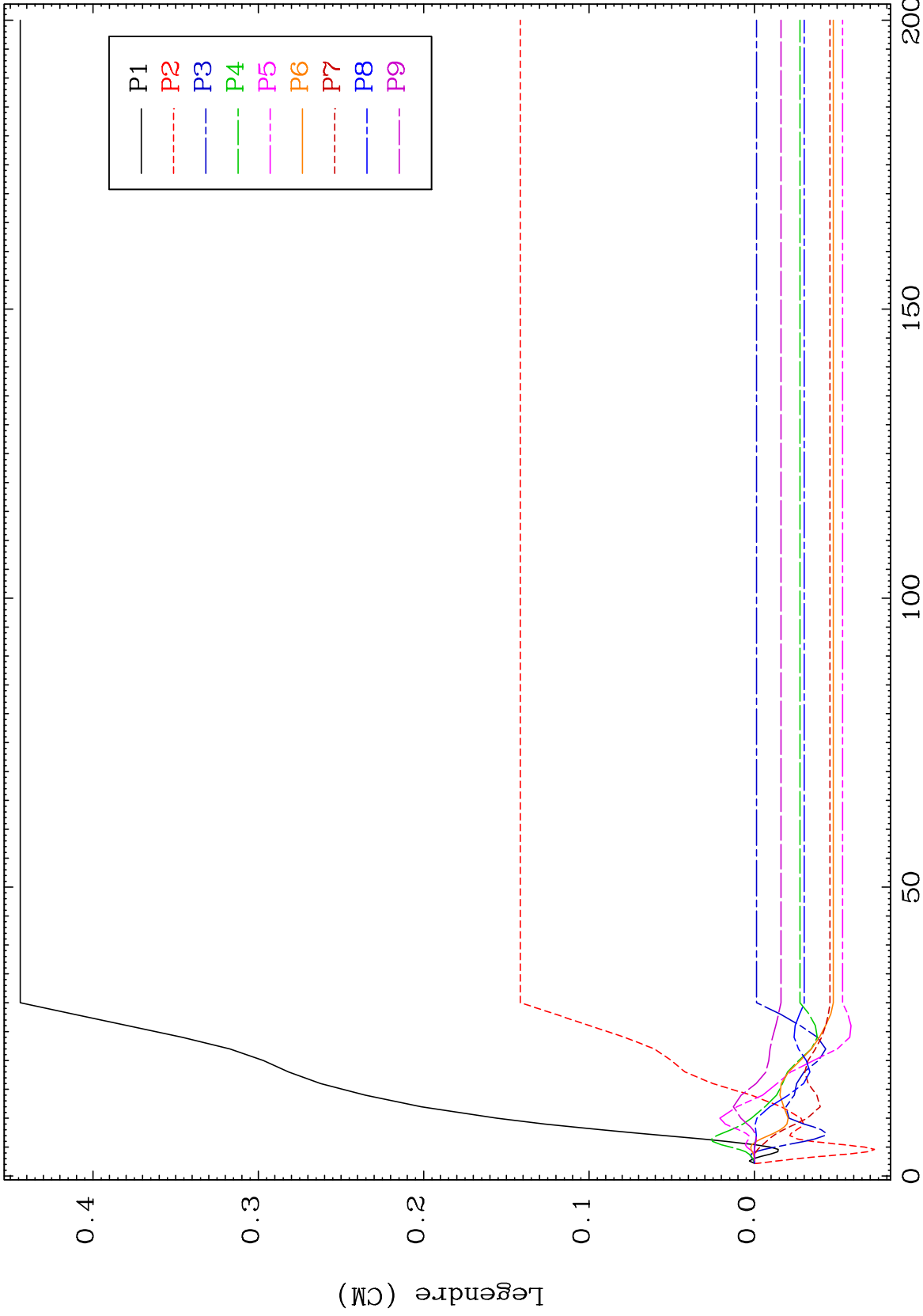
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



123

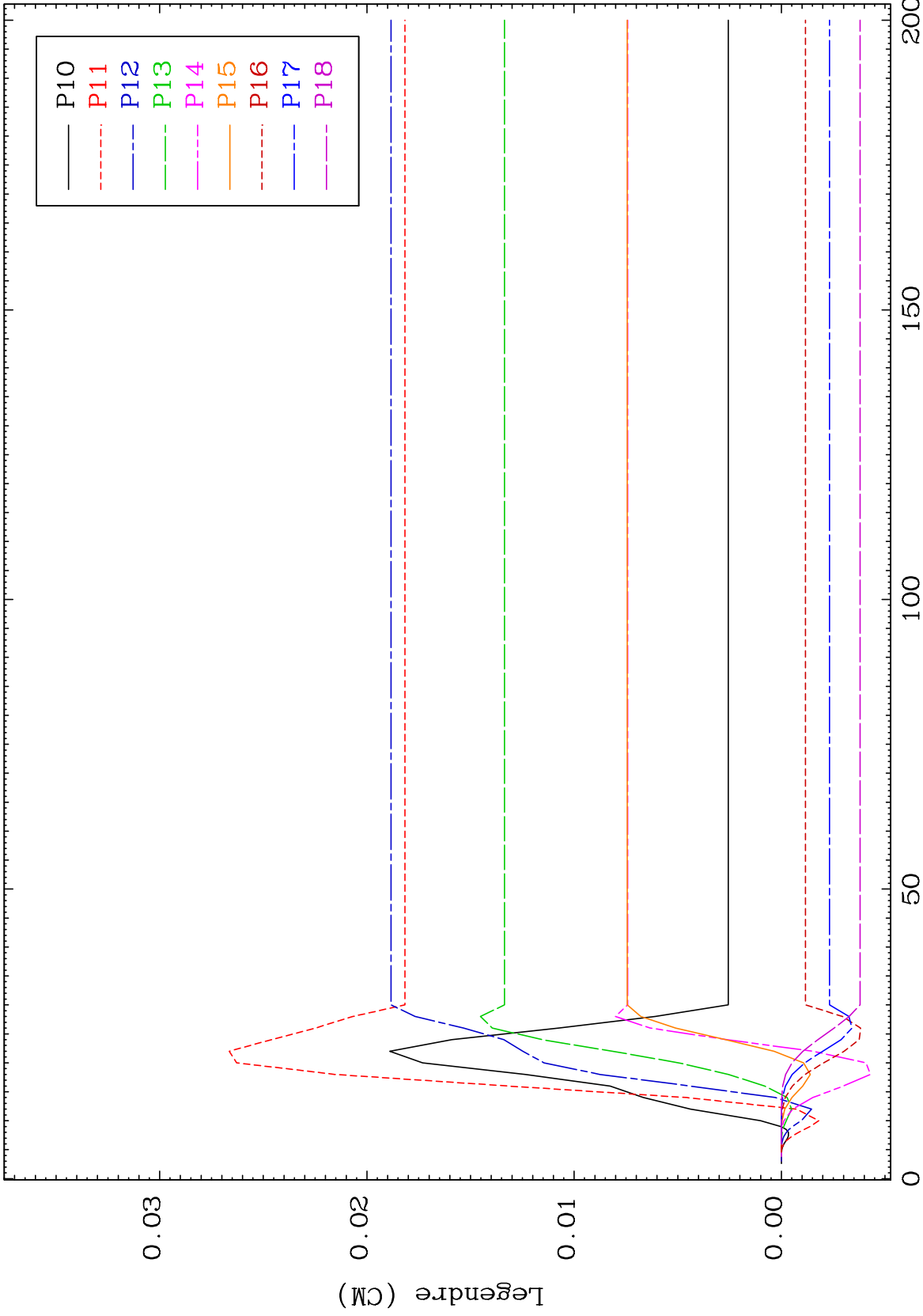
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121

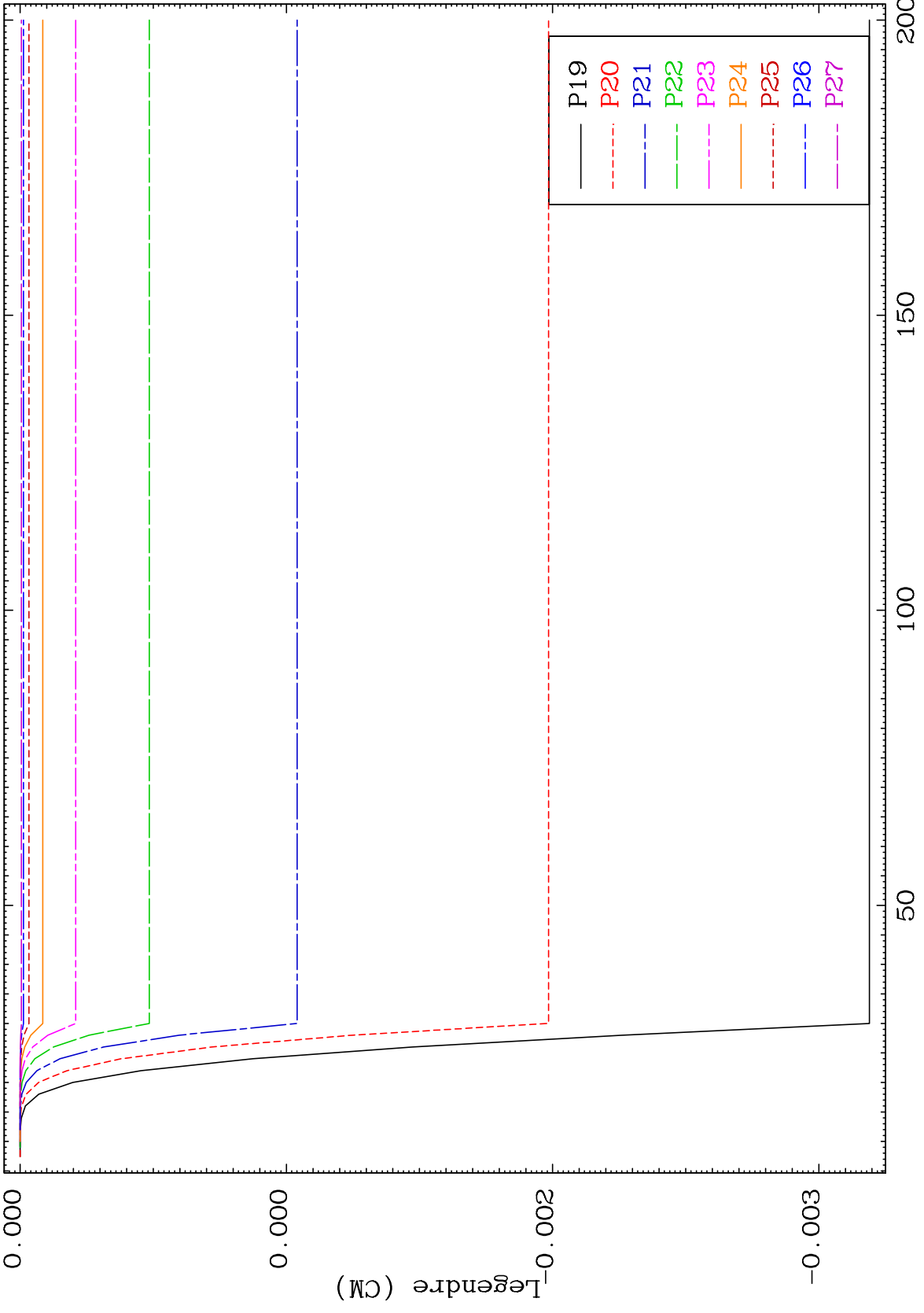


124

Incident Energy (MeV)

49-In-121

MAT 4949 MT= 77 (n,n') Level Legendre Coefficients 49-In-121

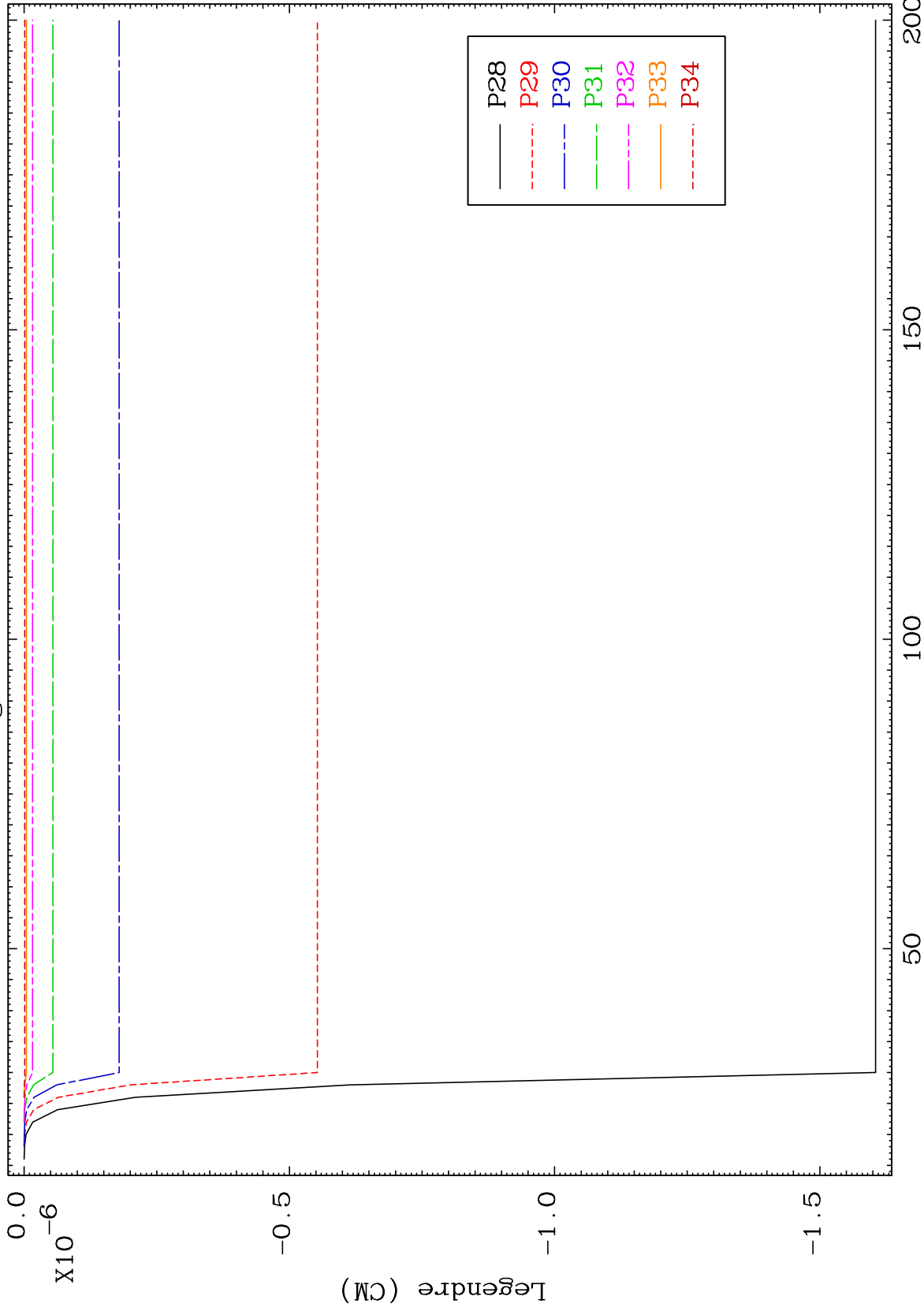


125 49-In-121

MAT 4949

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

49-In-121



126

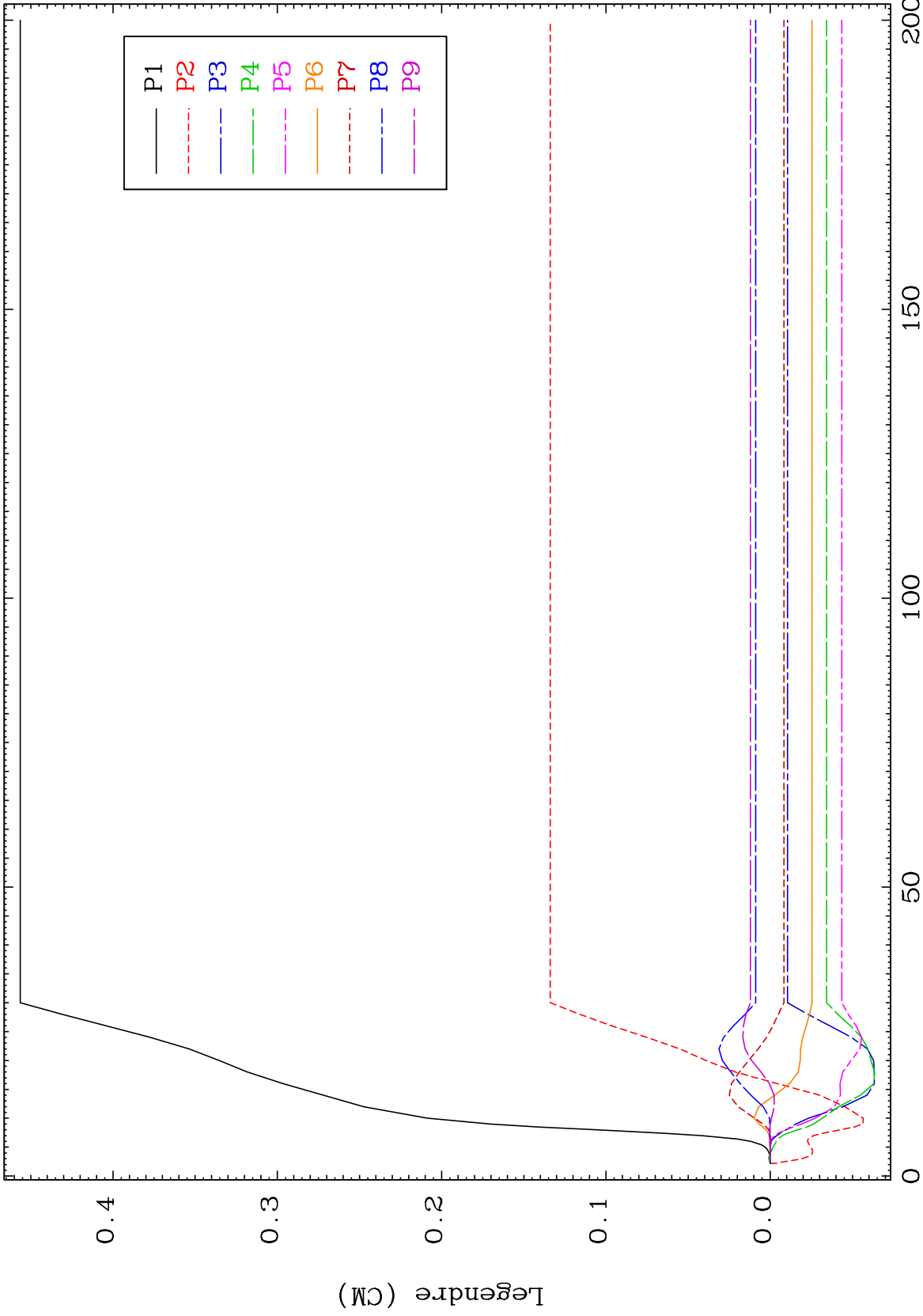
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



127

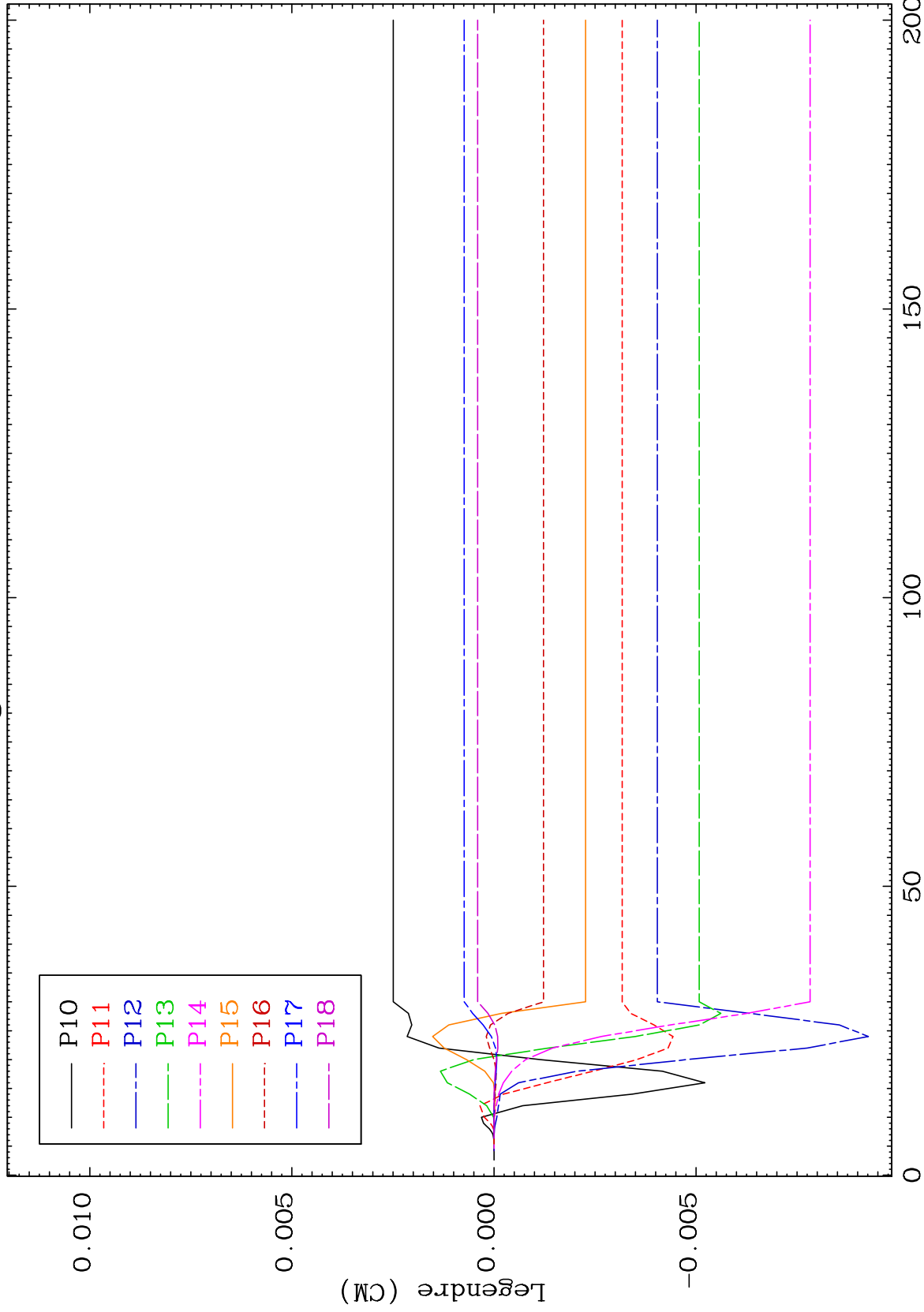
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



128

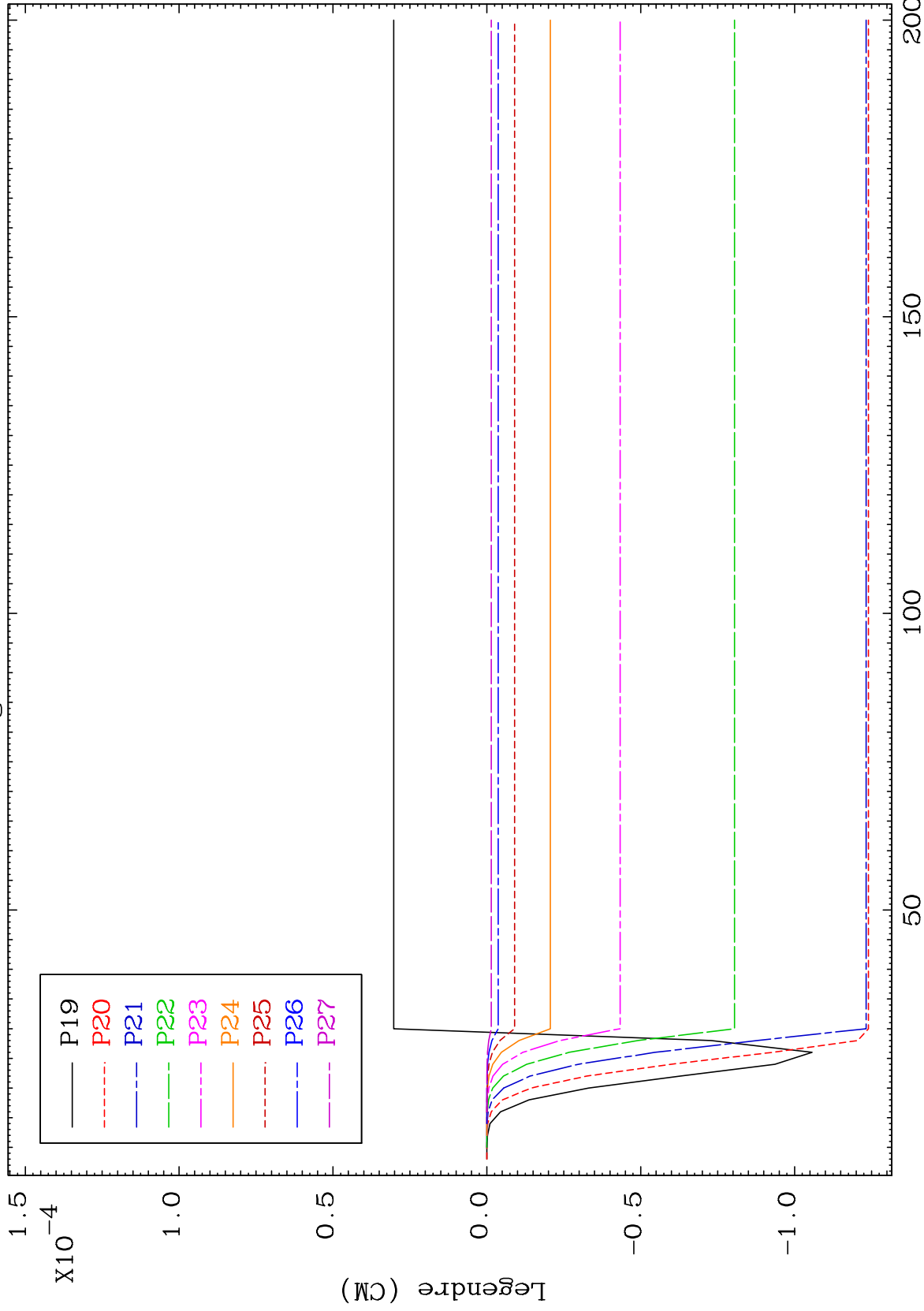
Incident Energy (MeV)

49-In-121

MAT 4949

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

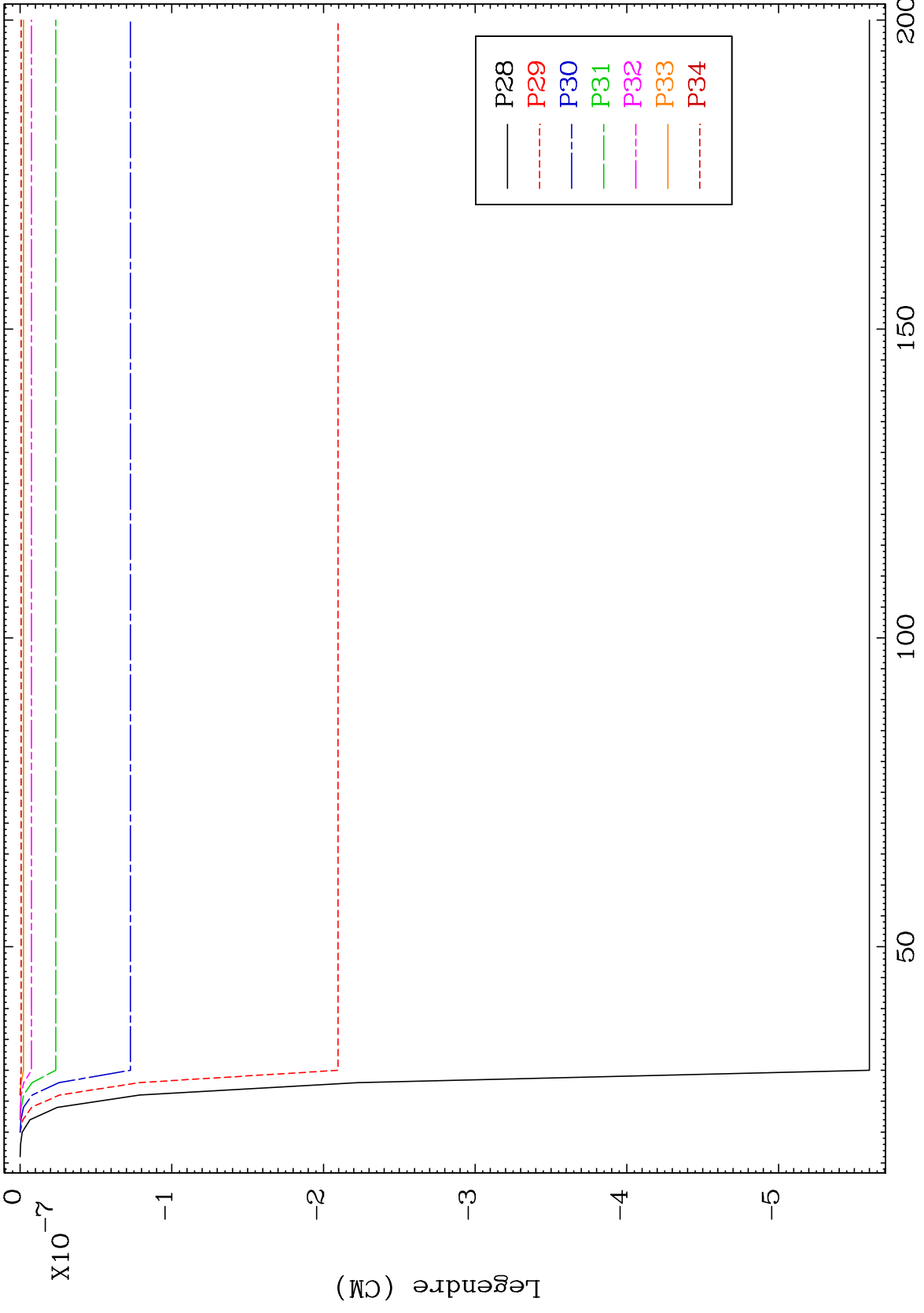
49-In-121



129

49-In-121

MAT 4949 MT= 78 (n,n') Level Legendre Coefficients 49-In-121

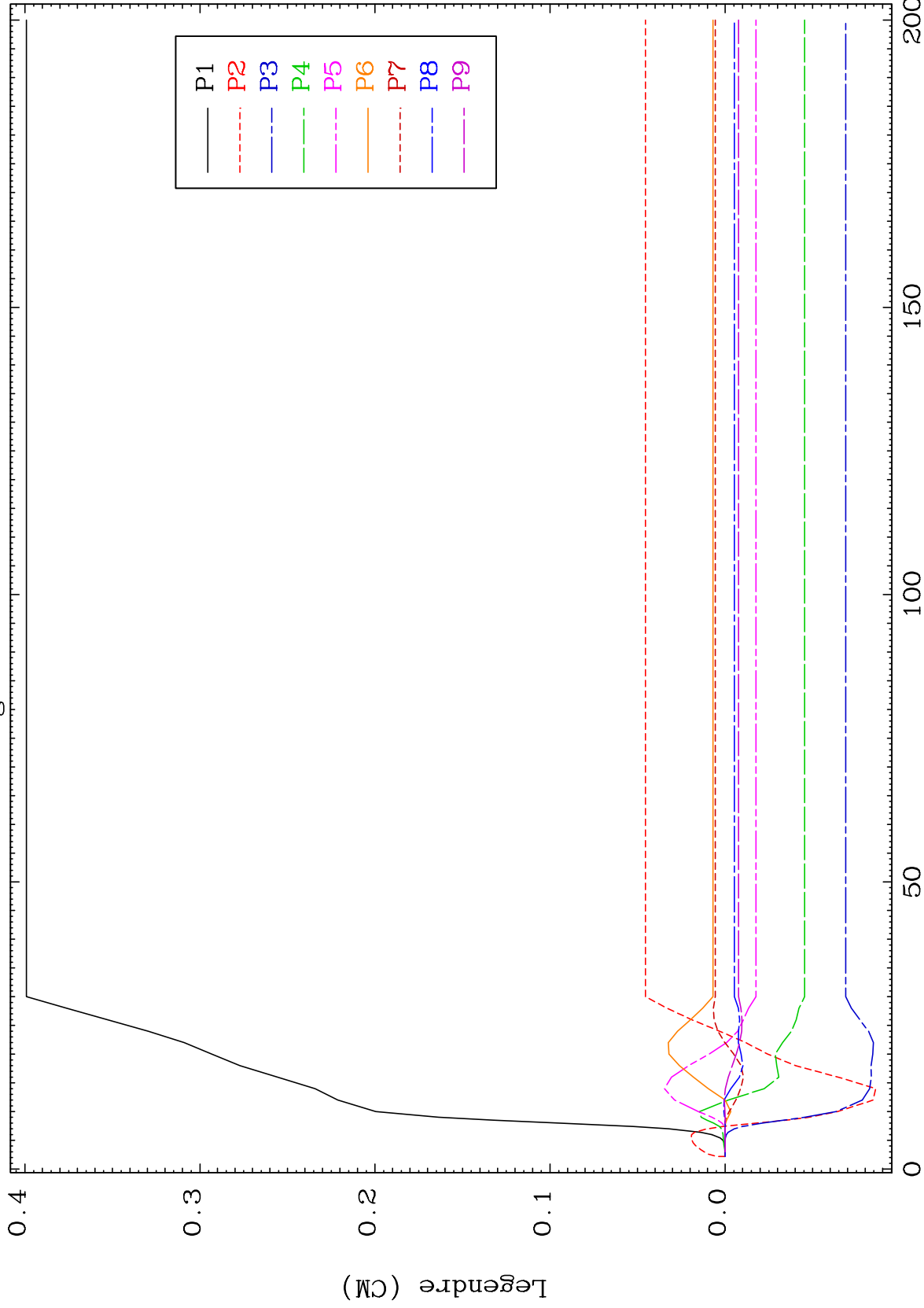


130 49-In-121

MAT 4949

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

49-In-121



131

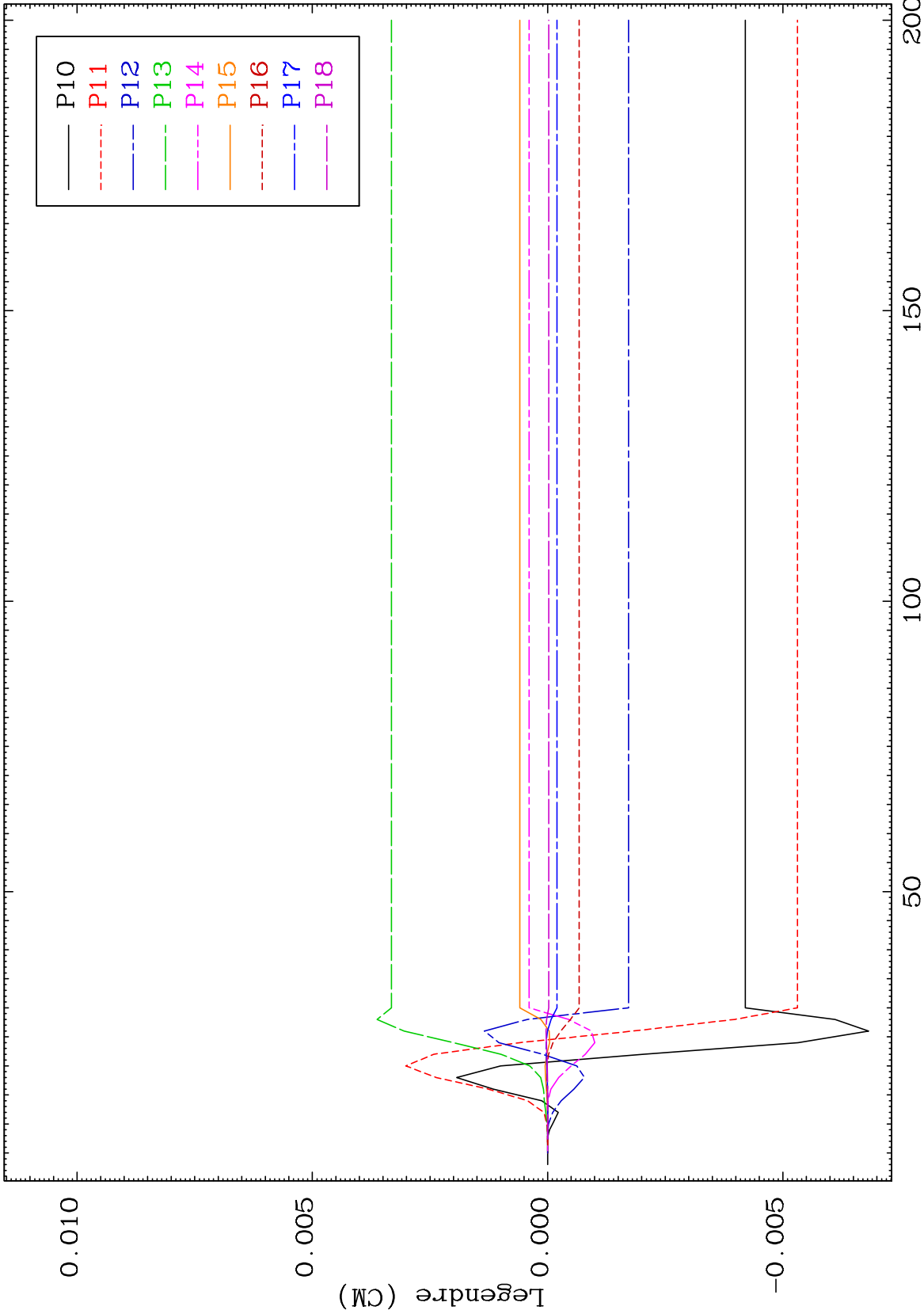
Incident Energy (MeV)

49-In-121

MAT 4949

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

49-In-121



132

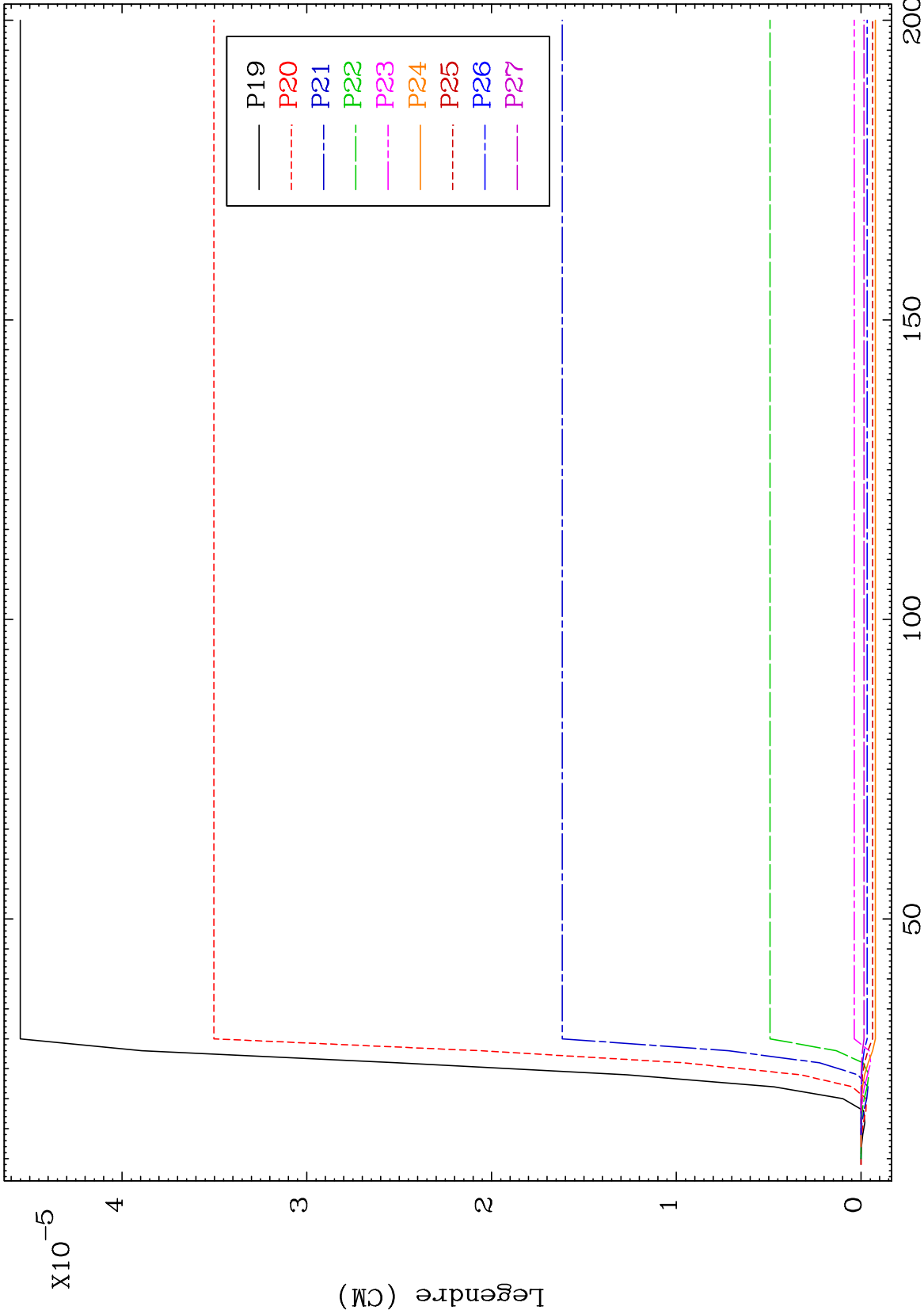
Incident Energy (MeV)

49-In-121

MAT 4949

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

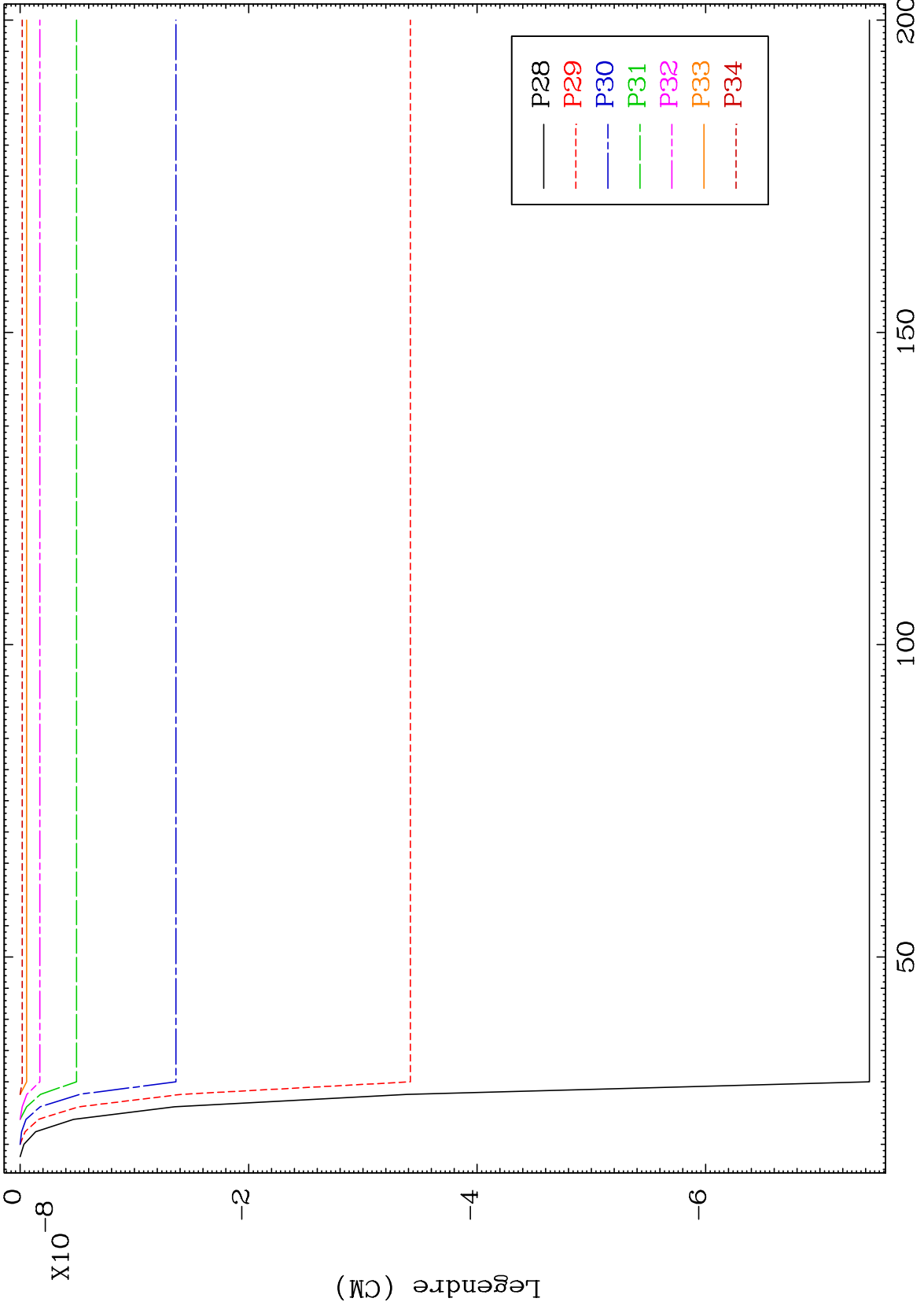
49-In-121



133

49-In-121

MAT 4949 MT= 79 (n,n') Level Legendre Coefficients 49-In-121

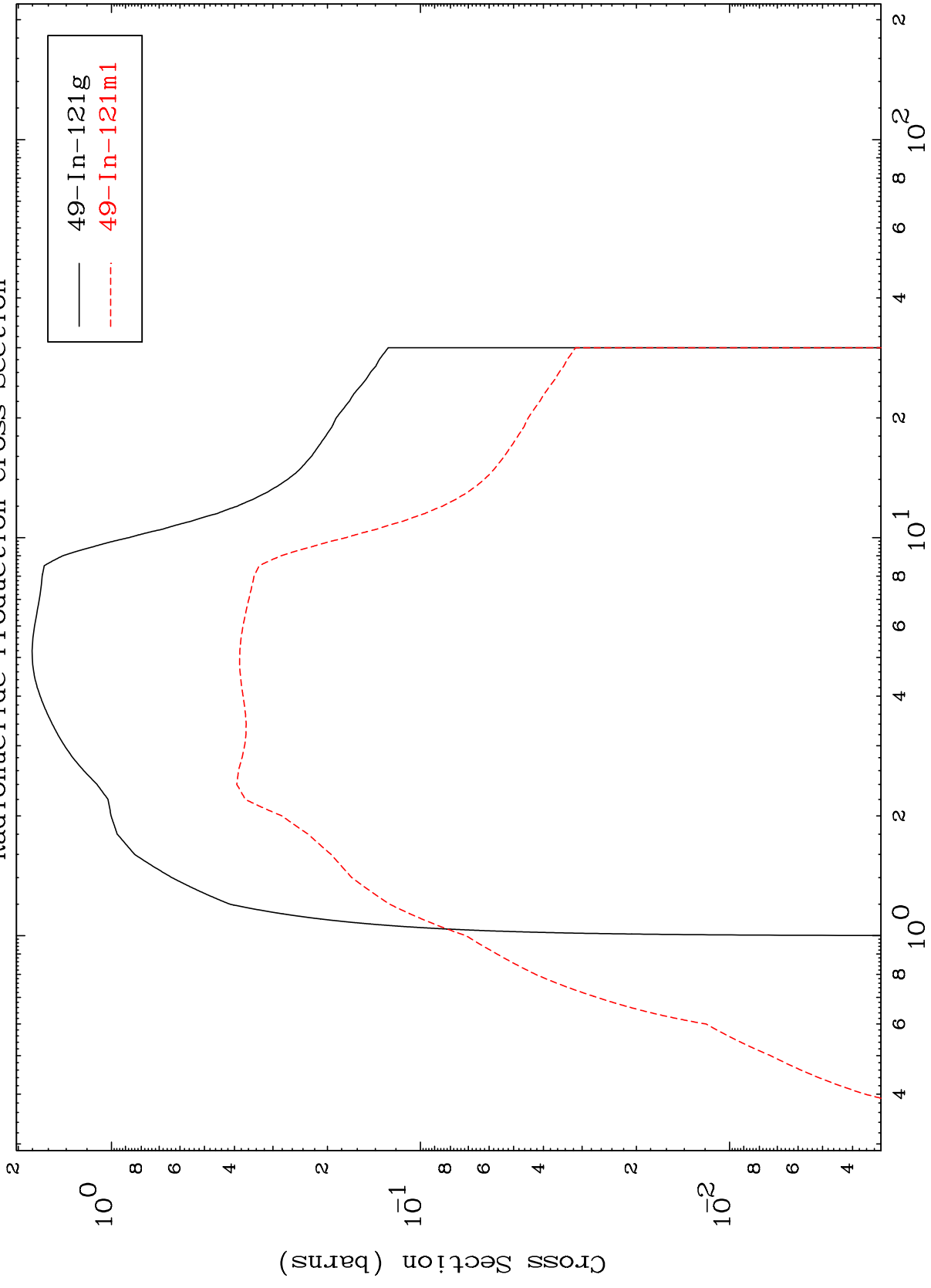


134 49-In-121

MAT 4949

49-In-121

Inelastic
Radionuclide Production Cross Section



135

49-In-121

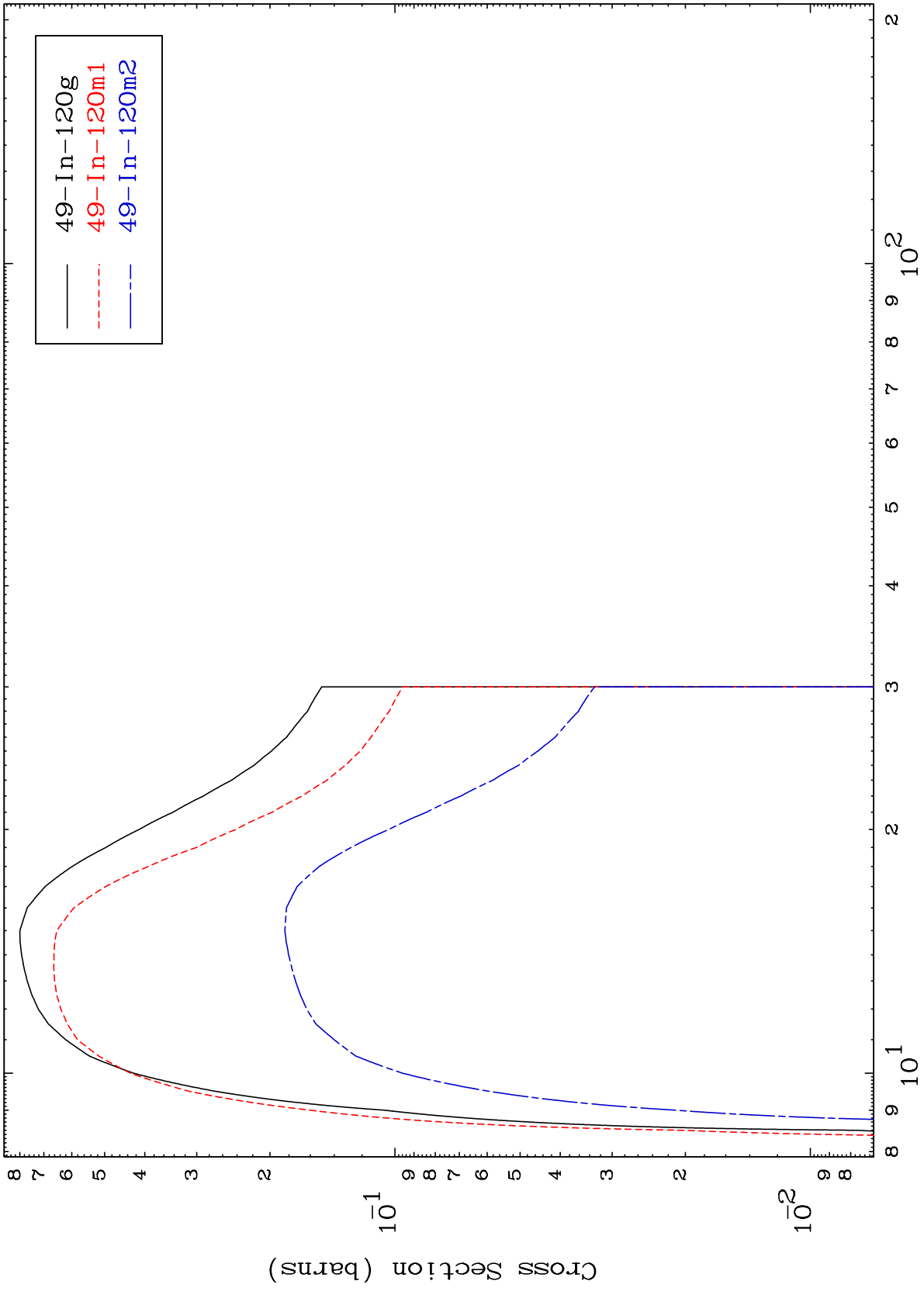
Incident Energy (MeV)

MAT 4949

(n,2n)

49-In-121

Radionuclide Production Cross Section



136

Incident Energy (MeV)

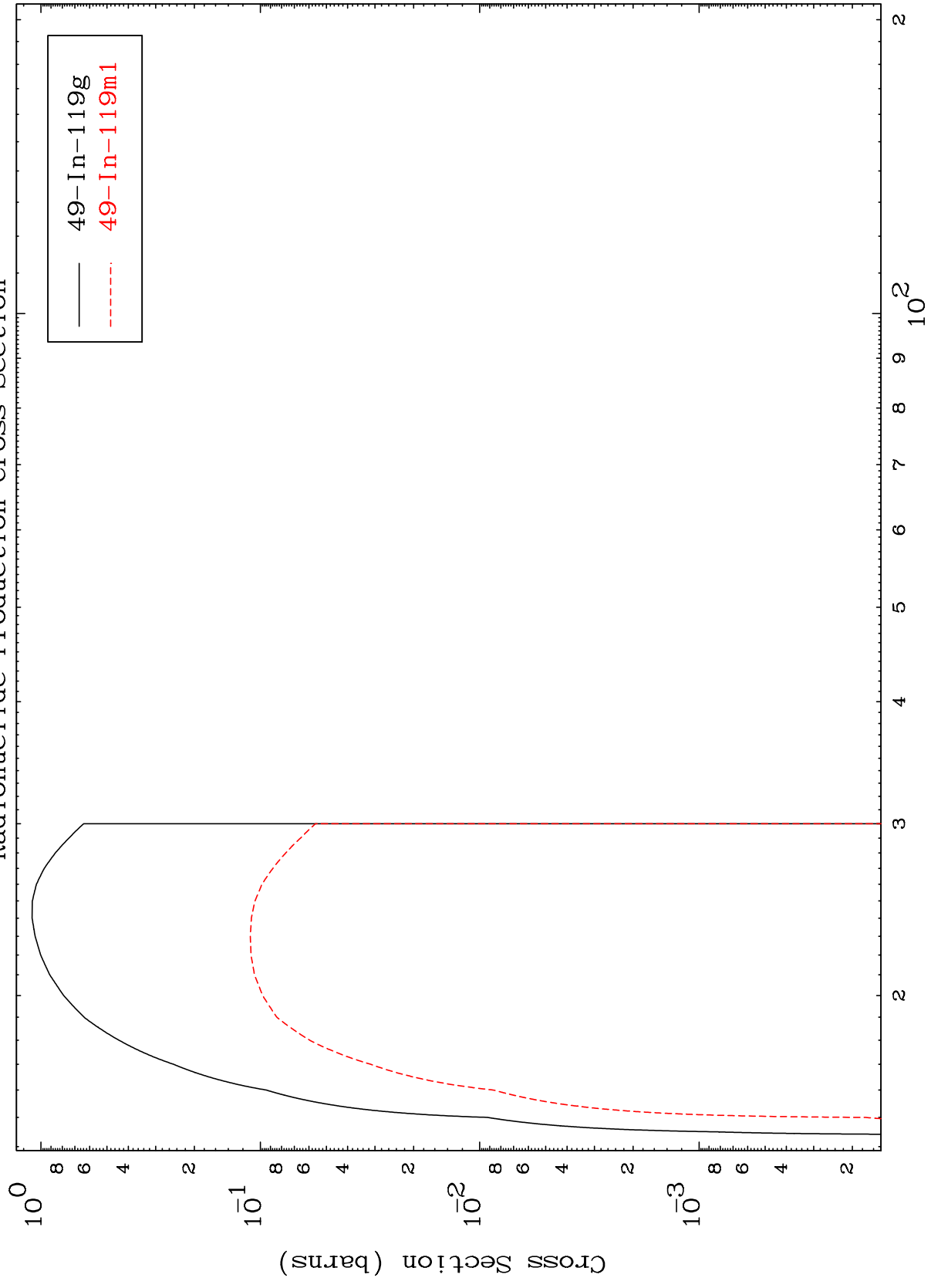
49-In-121

MAT 4949

(n,3n)

49-In-121

Radionuclide Production Cross Section



137

Incident Energy (MeV)

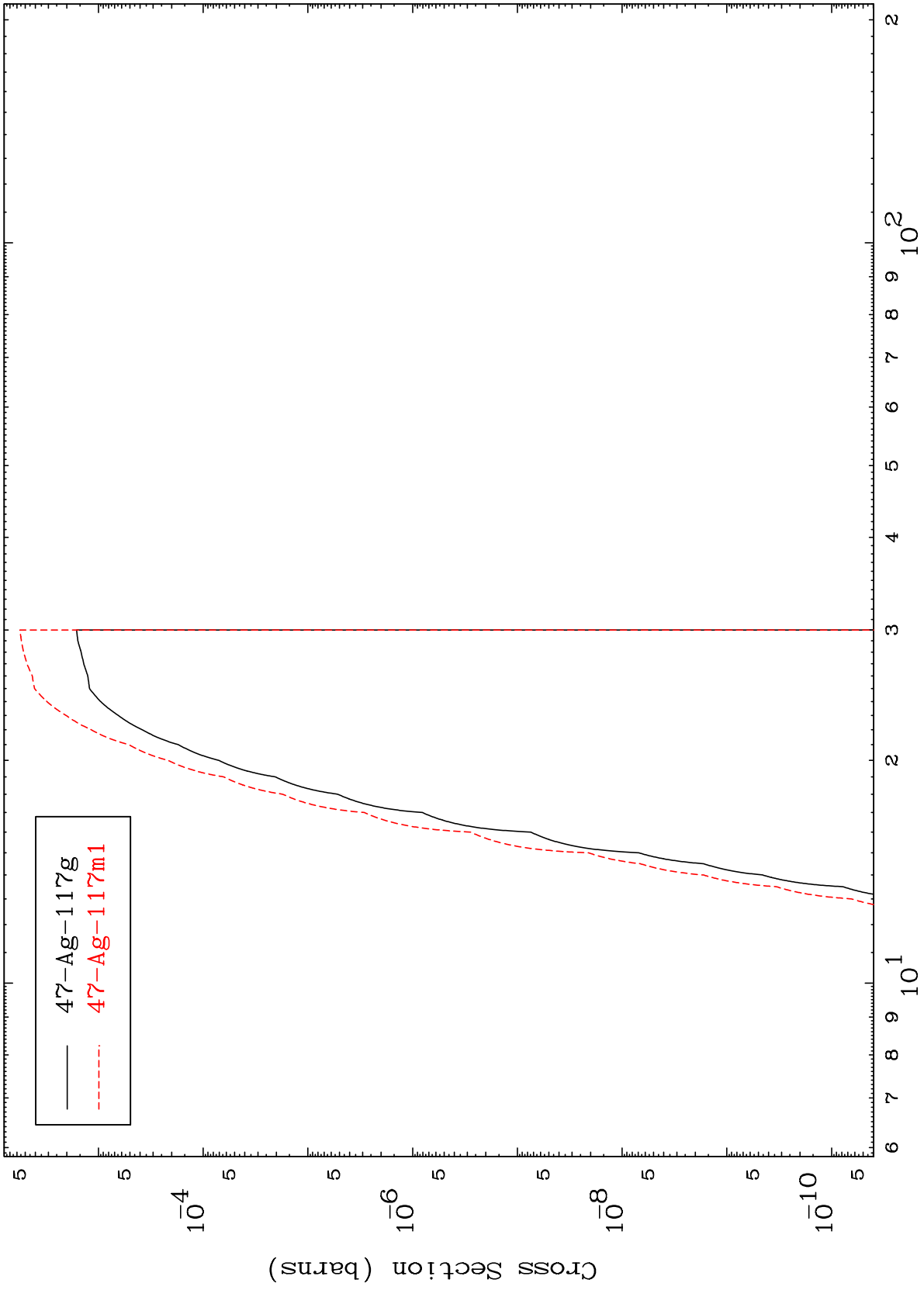
49-In-121

MAT 4949

(n,n') α

49-In-121

Radionuclide Production Cross Section



138

Incident Energy (MeV)

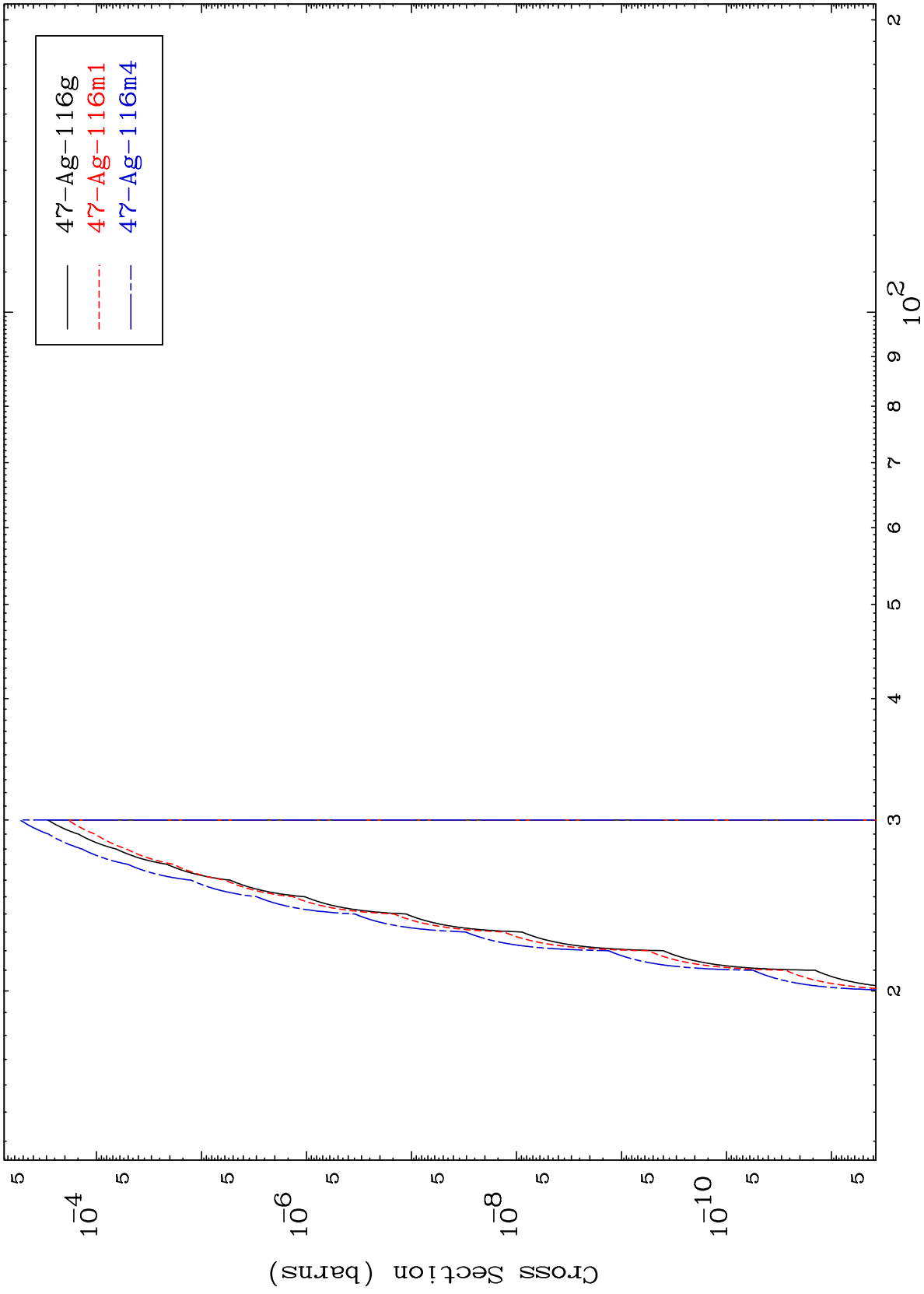
49-In-121

MAT 4949

(n,2n) α

49-In-121

Radionuclide Production Cross Section



139

Incident Energy (MeV)

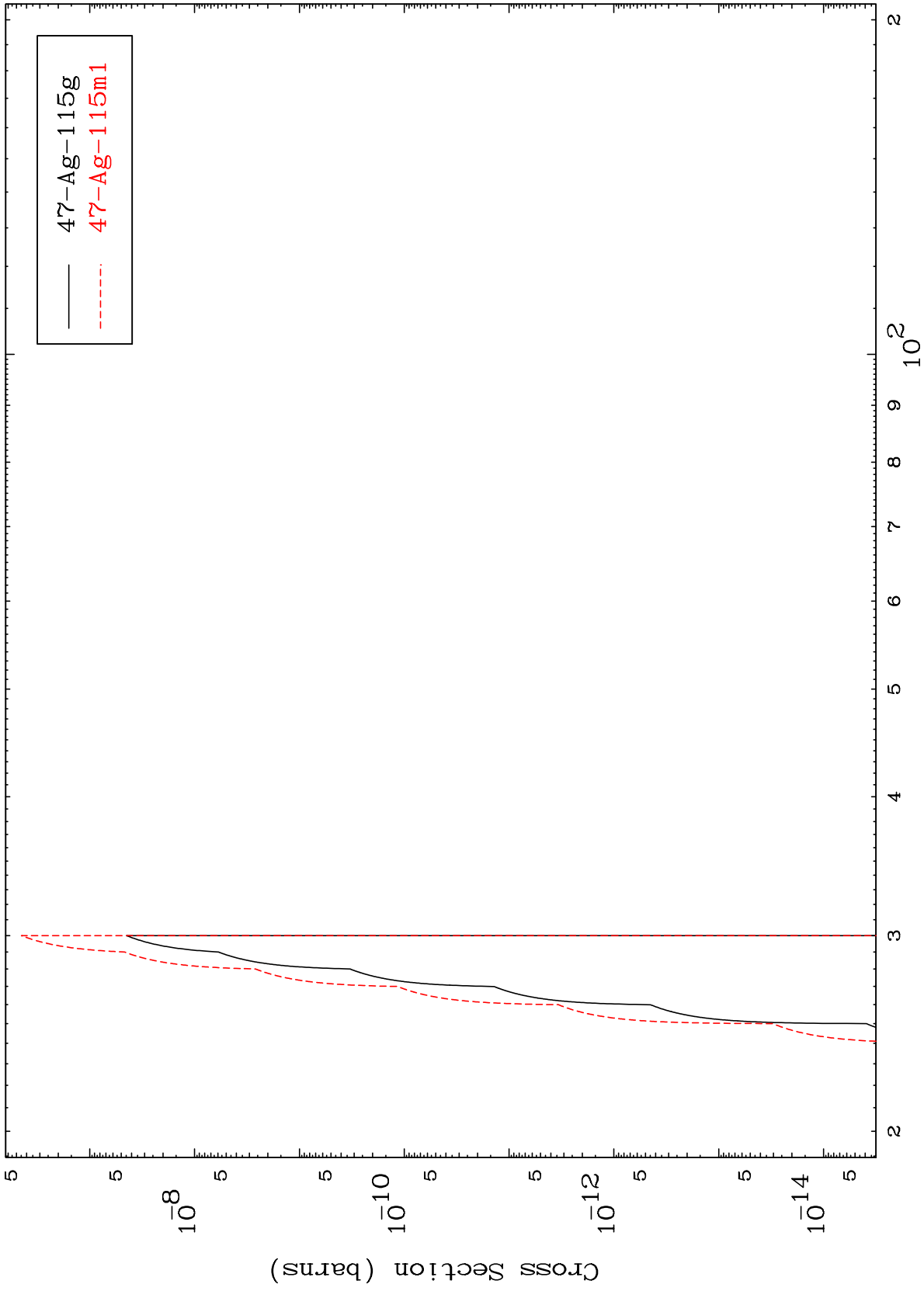
49-In-121

MAT 4949

(n,3n) α

49-In-121

Radionuclide Production Cross Section



140

Incident Energy (MeV)

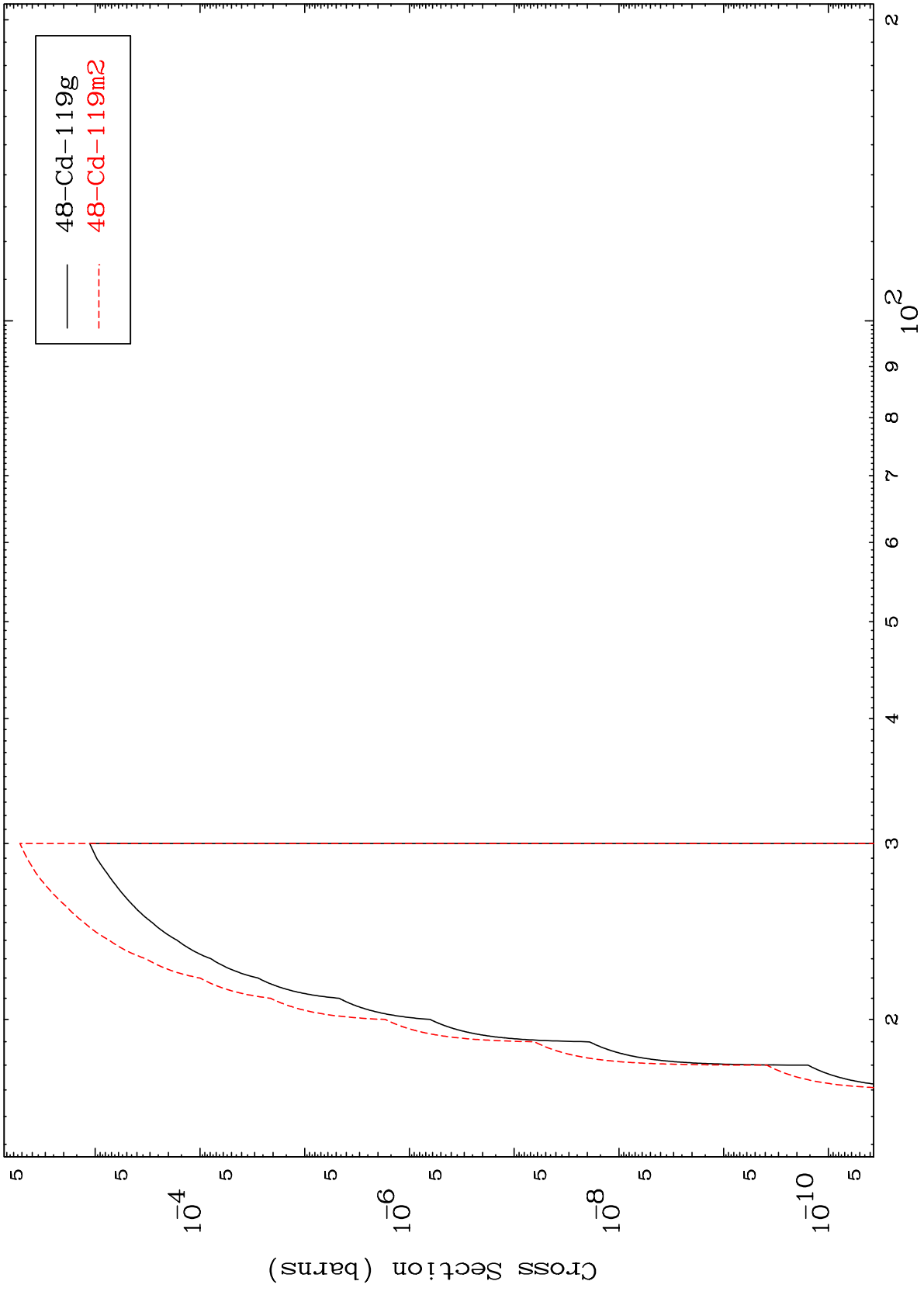
49-In-121

MAT 4949

(n,n') d

49-In-121

Radionuclide Production Cross Section



141

Incident Energy (MeV)

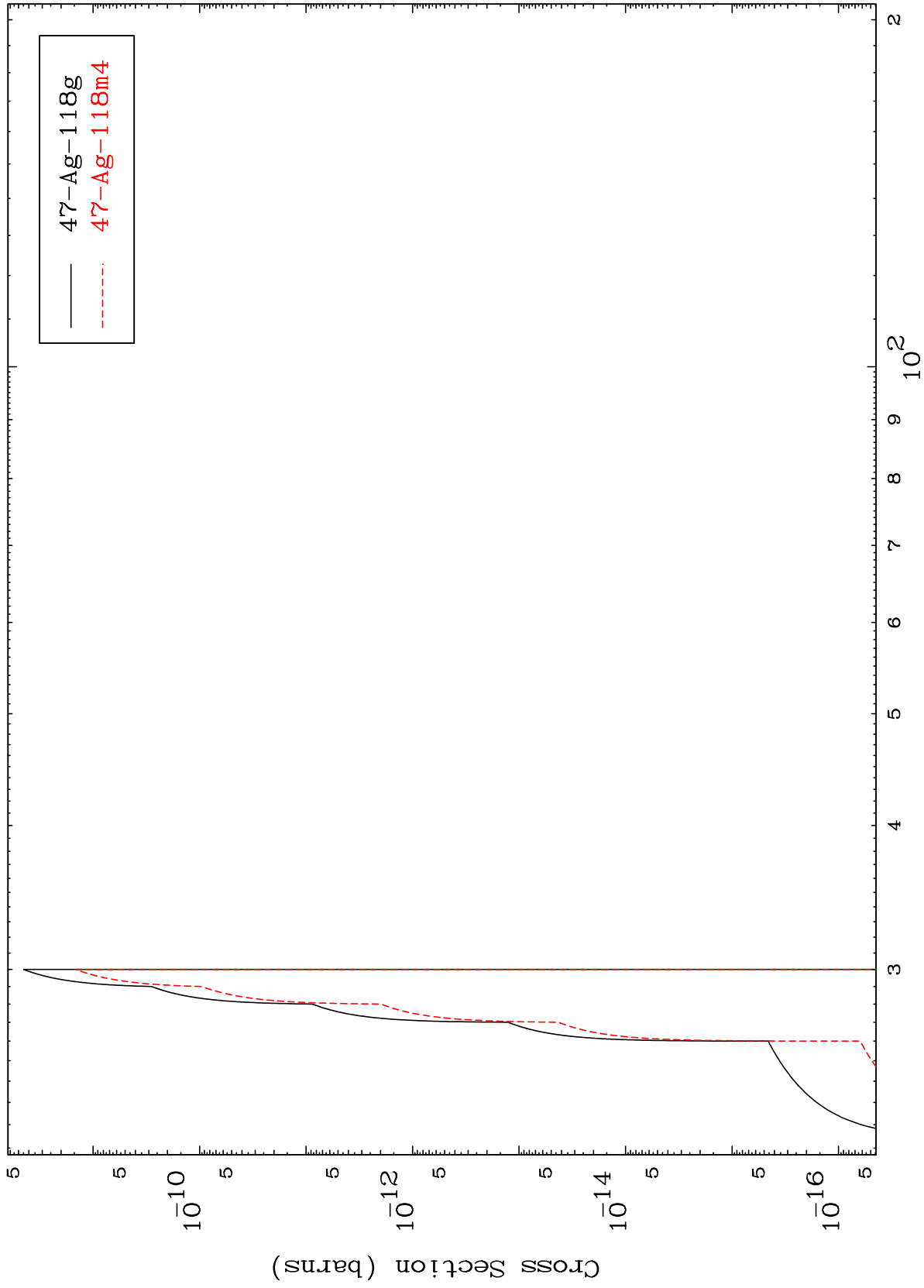
49-In-121

MAT 4949

(n, n') He-3

49-In-121

Radionuclide Production Cross Section



142

Incident Energy (MeV)

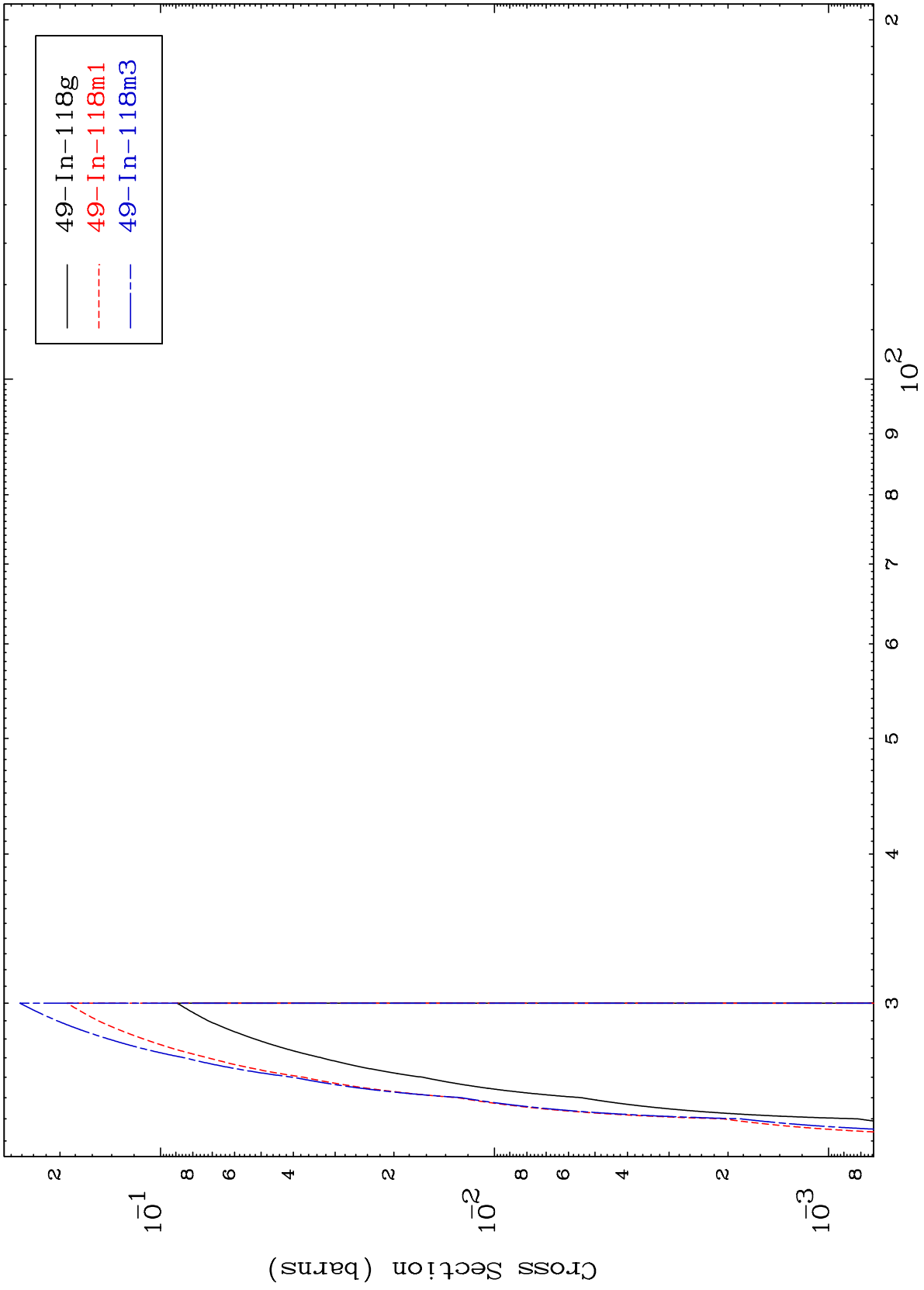
49-In-121

MAT 4949

(n,4n)

49-In-121

Radionuclide Production Cross Section



143

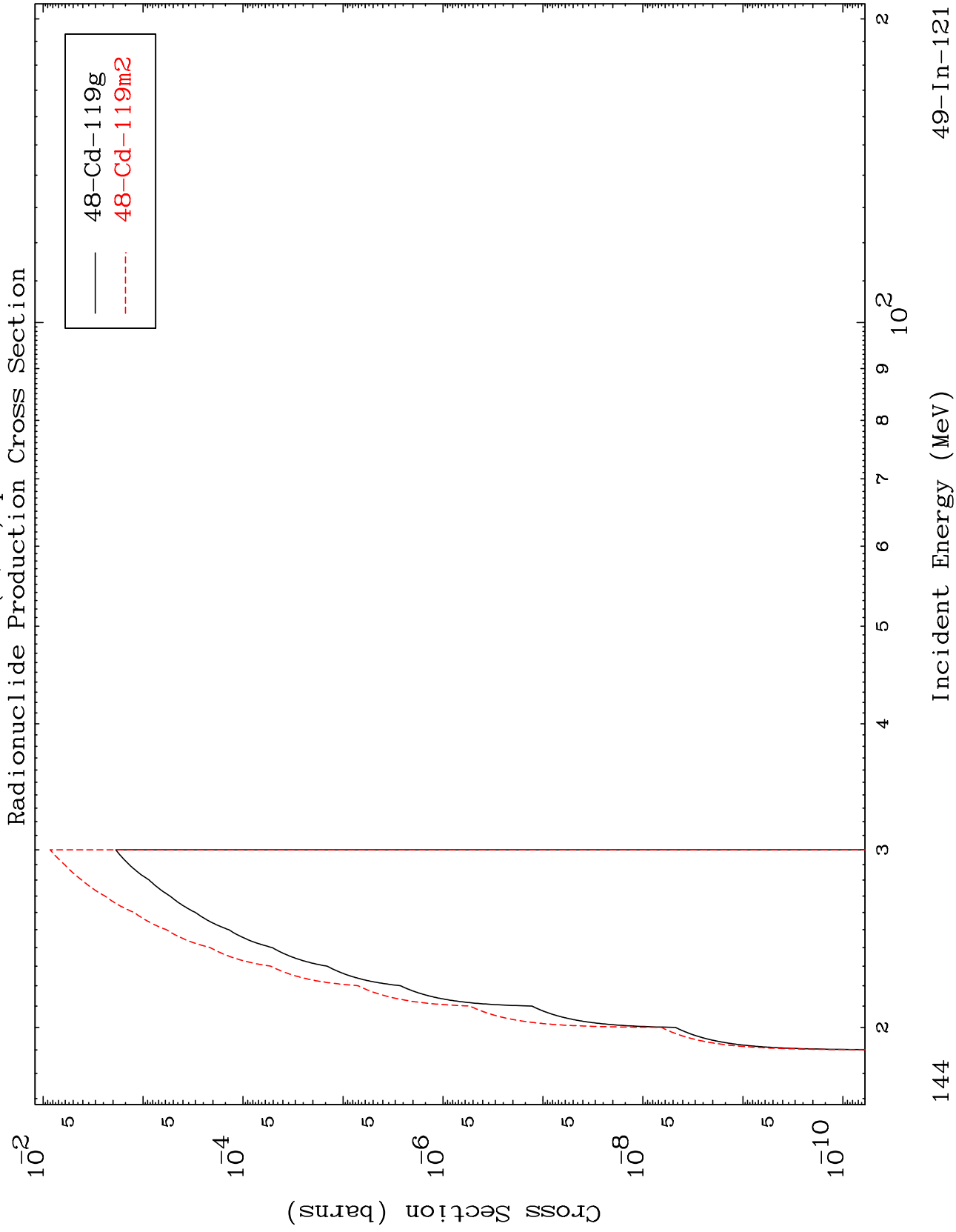
Incident Energy (MeV)

49-In-121

MAT 4949

(n,2n) p

49-In-121



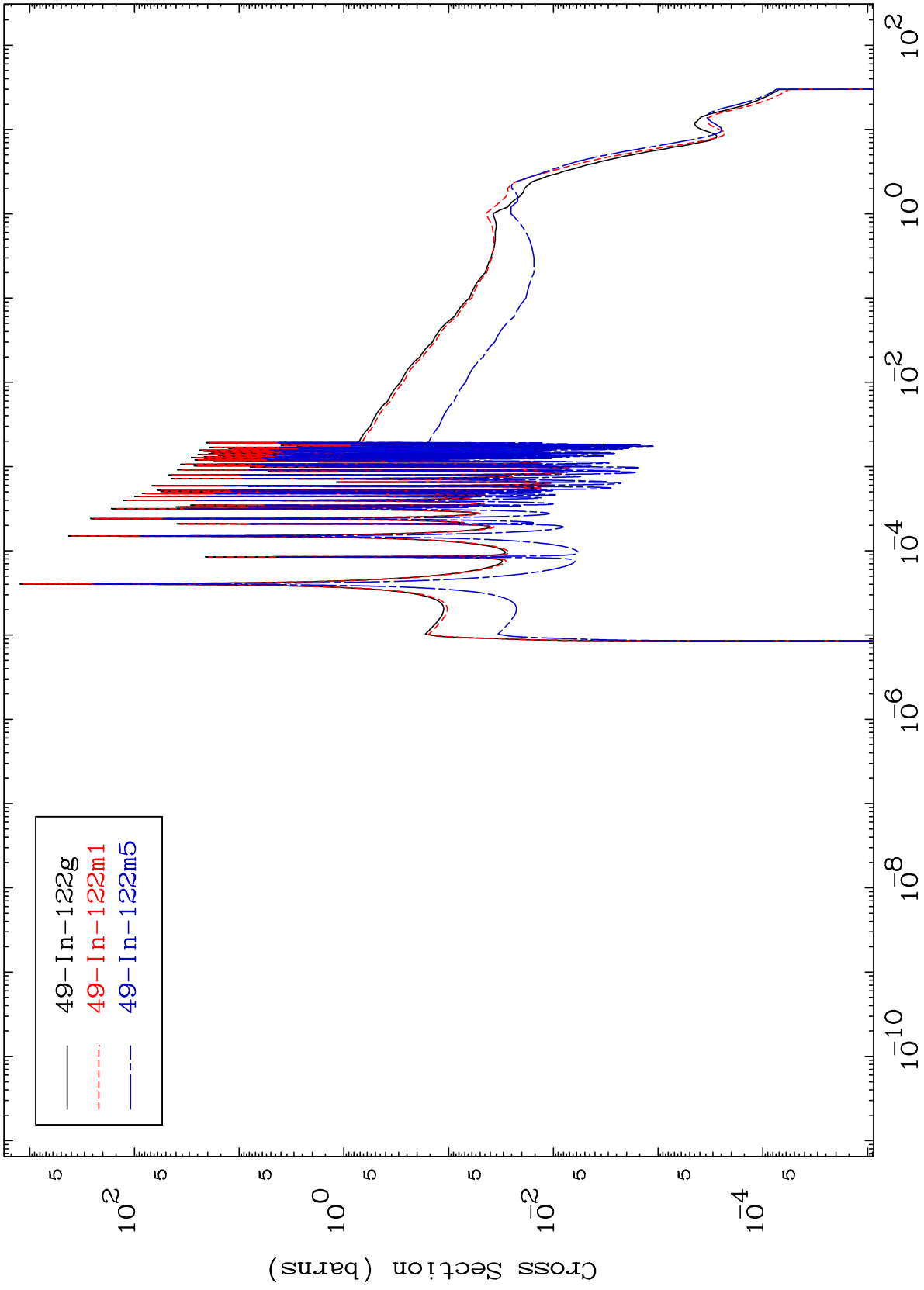
144

49-In-121

MAT 4949

49-In-121

Radionuclide Production Cross Section



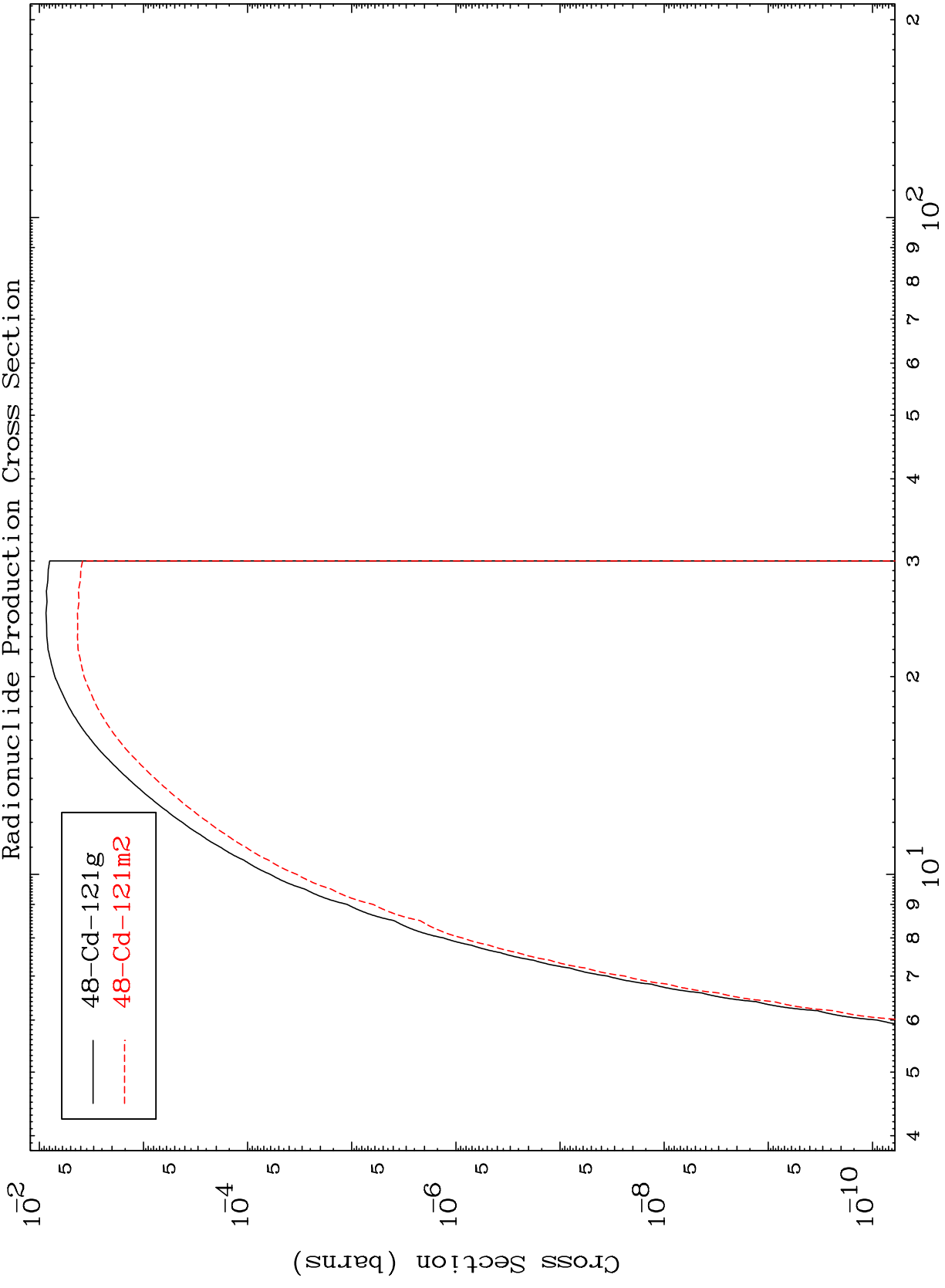
145

49-In-121

MAT 4949

49-In-121

Radionuclide Production Cross Section (n,p)



48-Cd-121 g
48-Cd-121 m2

146

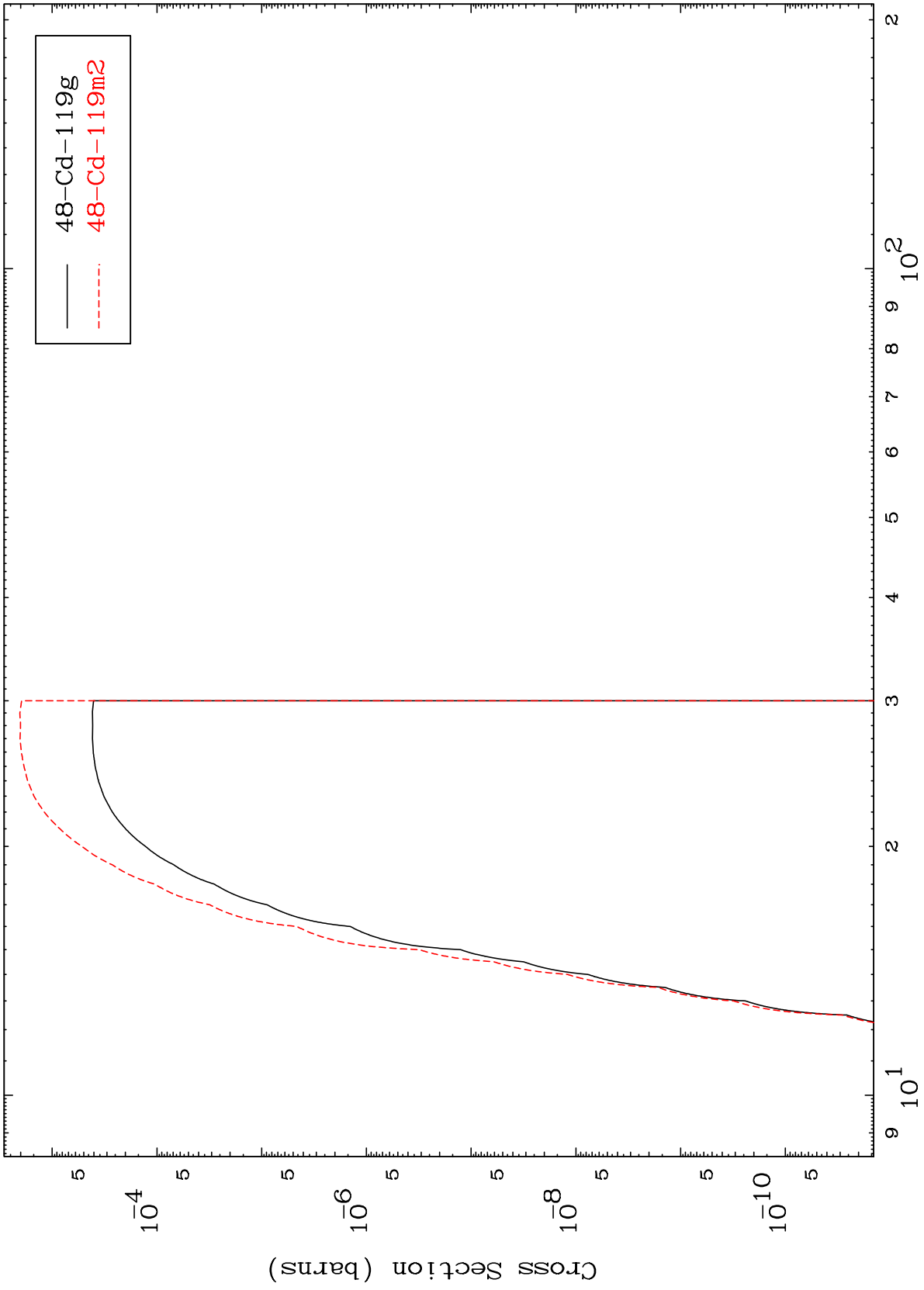
Incident Energy (MeV)

49-In-121

MAT 4949

49-In-121

(n, t)
Radionuclide Production Cross Section



147

Incident Energy (MeV)

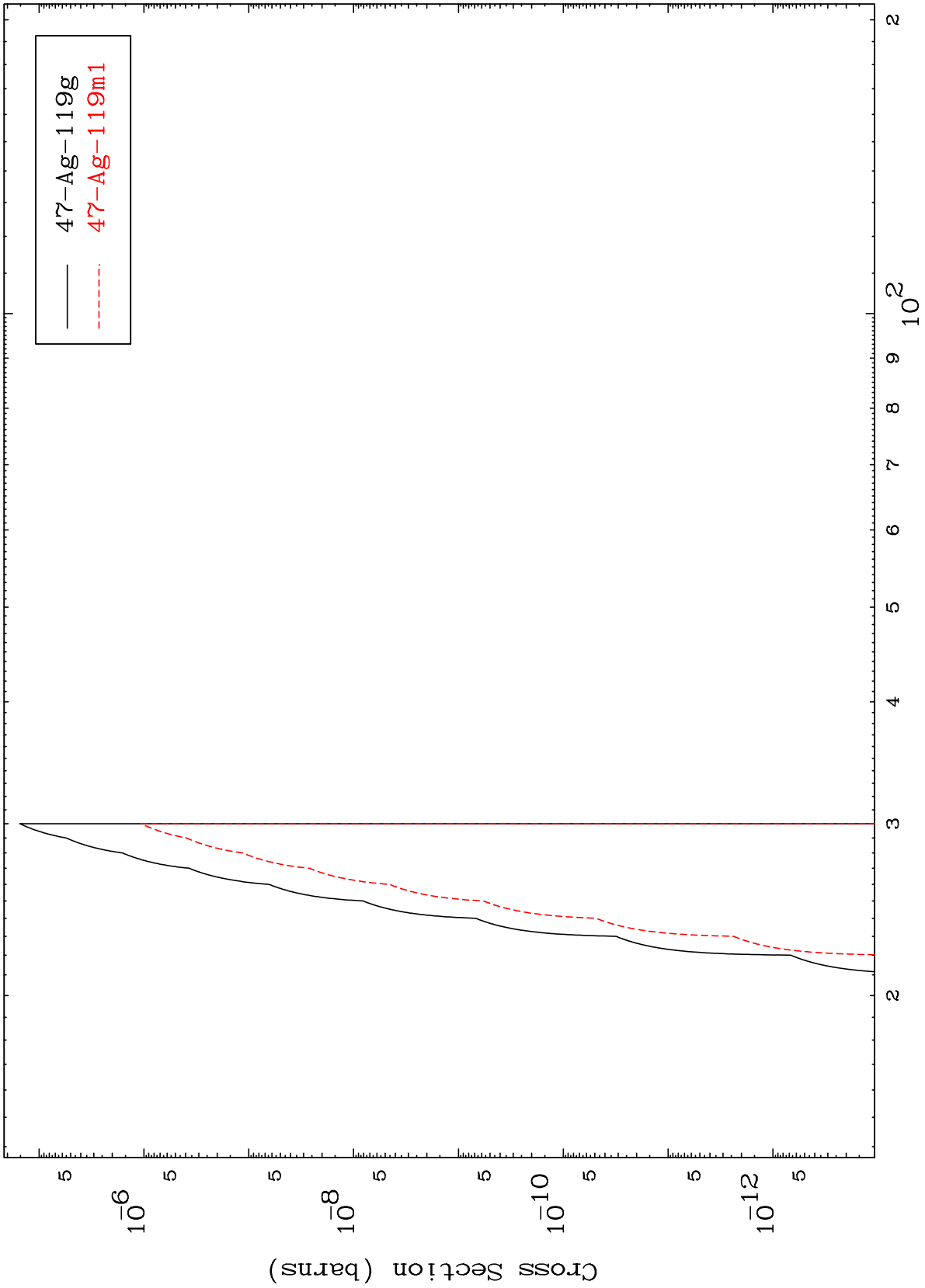
49-In-121

MAT 4949

(n, He-3)

49-In-121

Radionuclide Production Cross Section



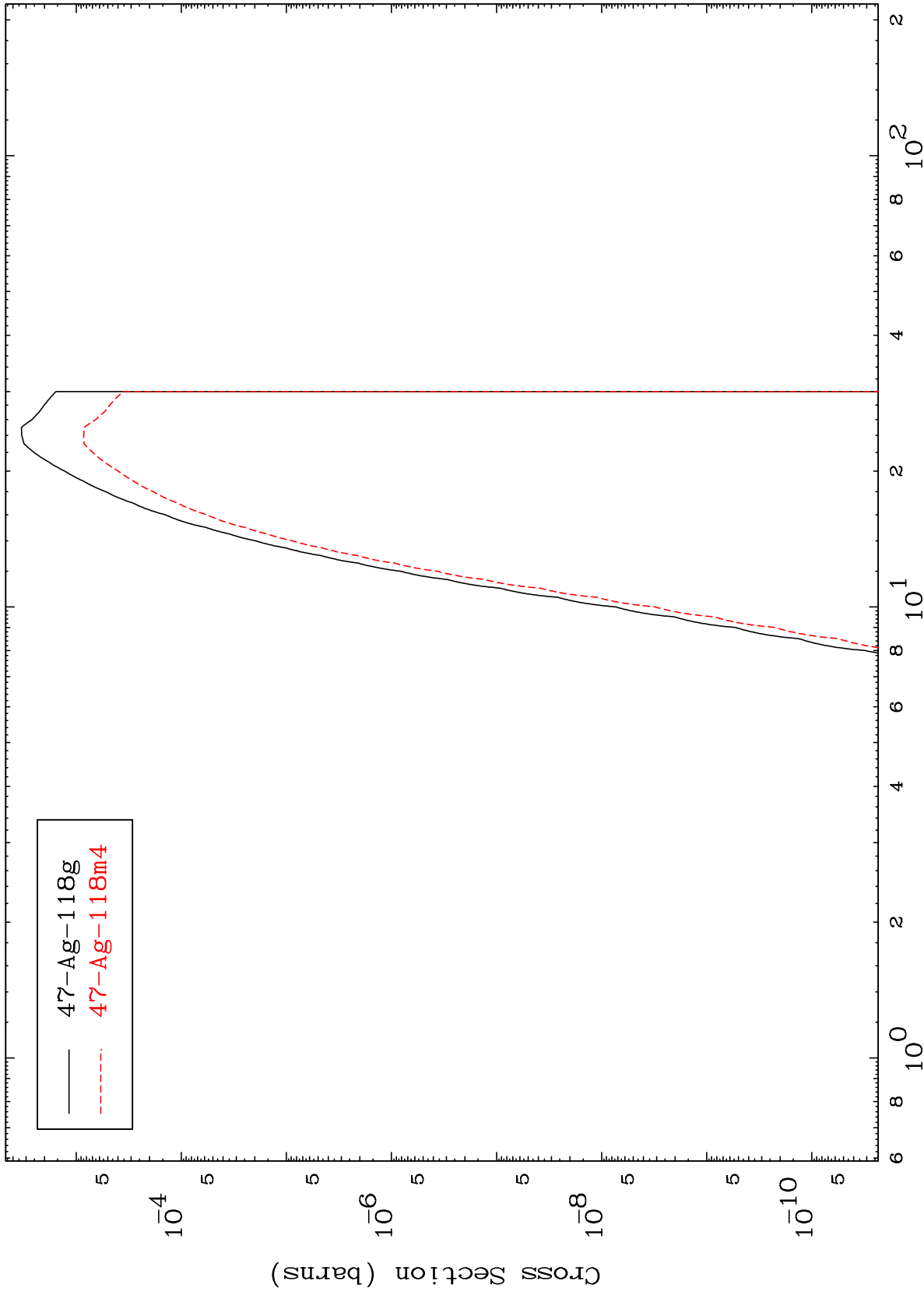
148

49-In-121

MAT 4949

49-In-121

Radionuclide Production Cross Section



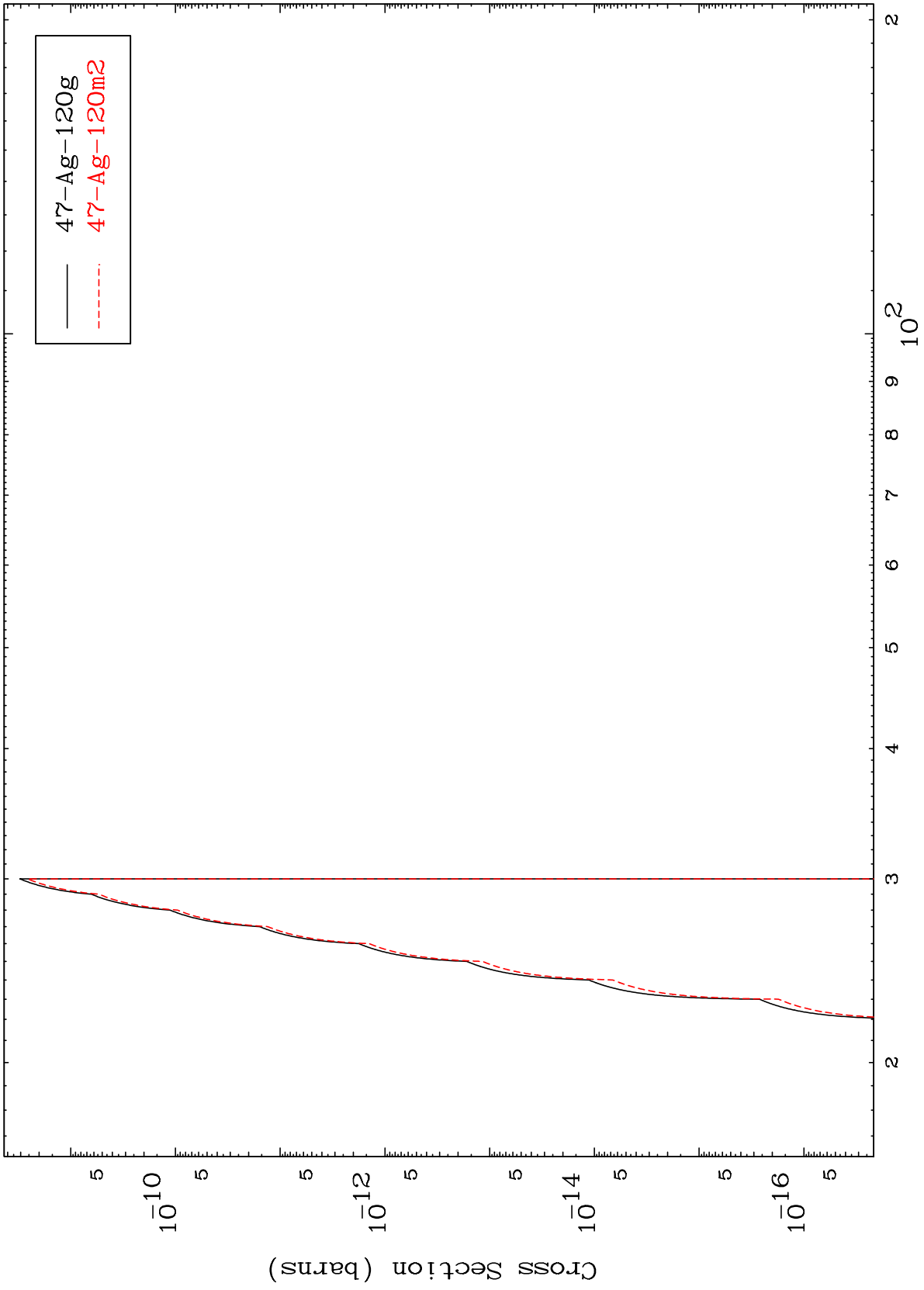
149

49-In-121

MAT 4949

49-In-121

(n,2p)
Radionuclide Production Cross Section



150

49-In-121