

Program EVALPLOT
(Version 2018-1)

by

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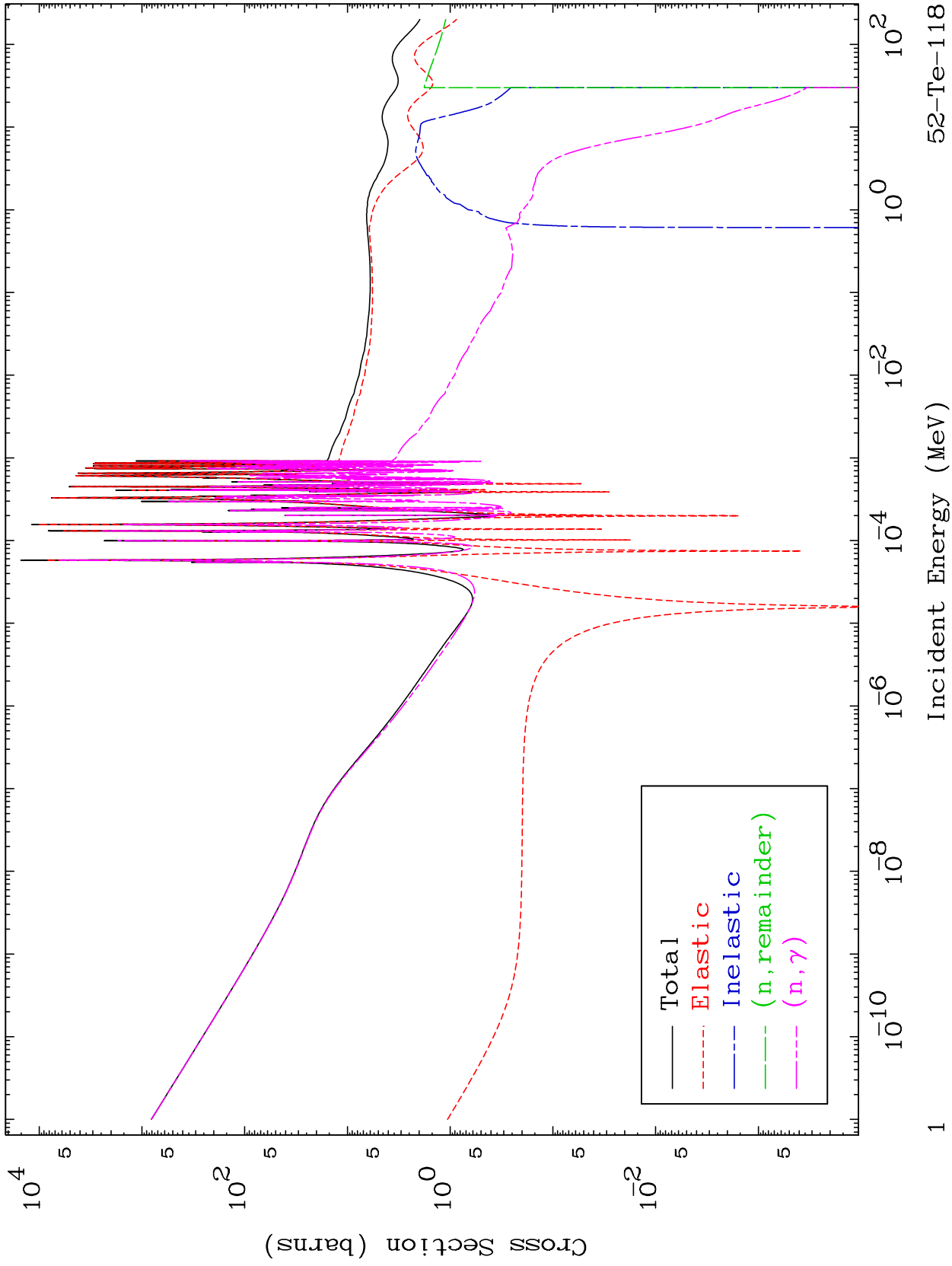
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5219

Major
293 Kelvin Cross Sections

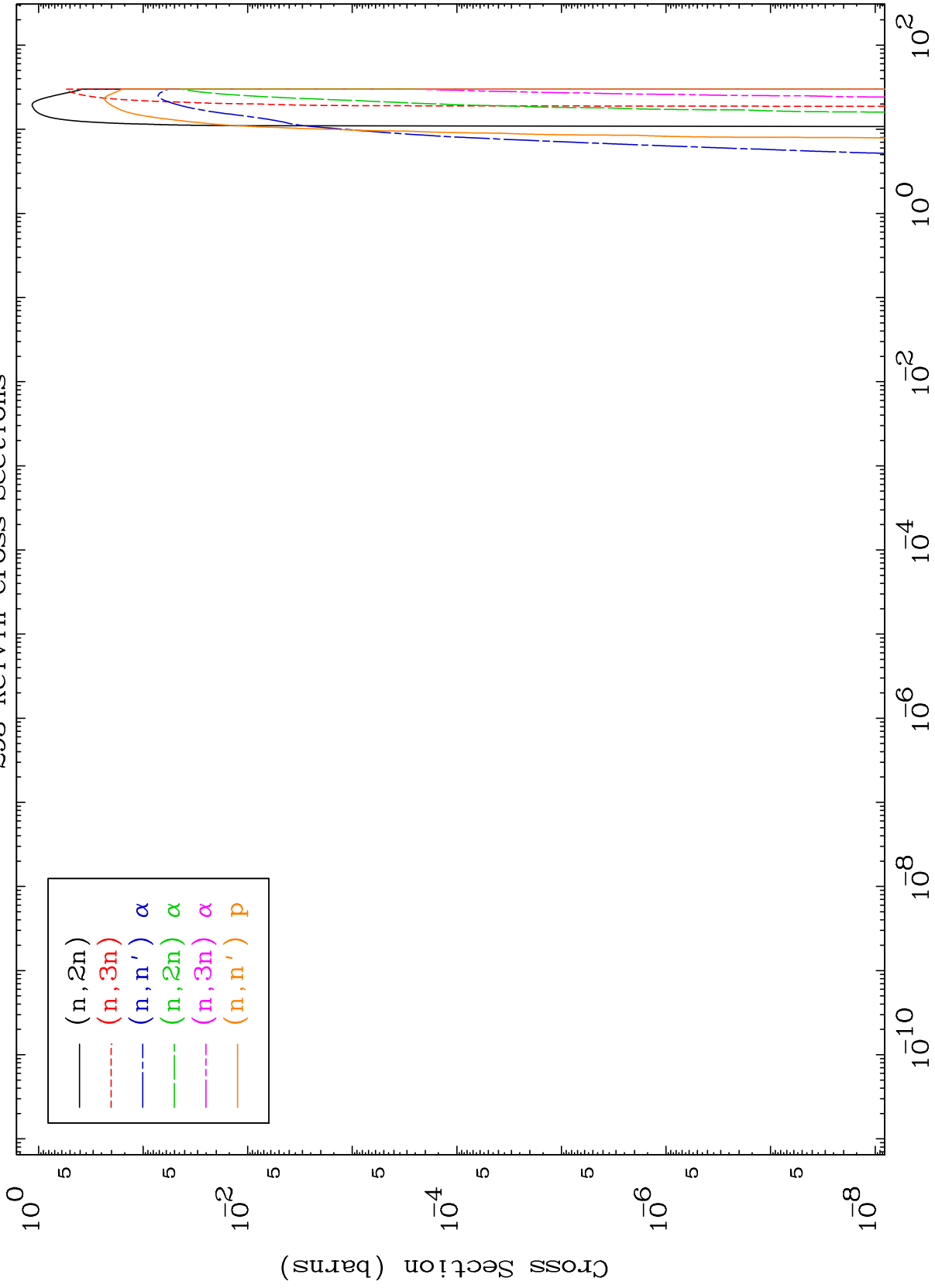
52-Te-118



MAT 5219

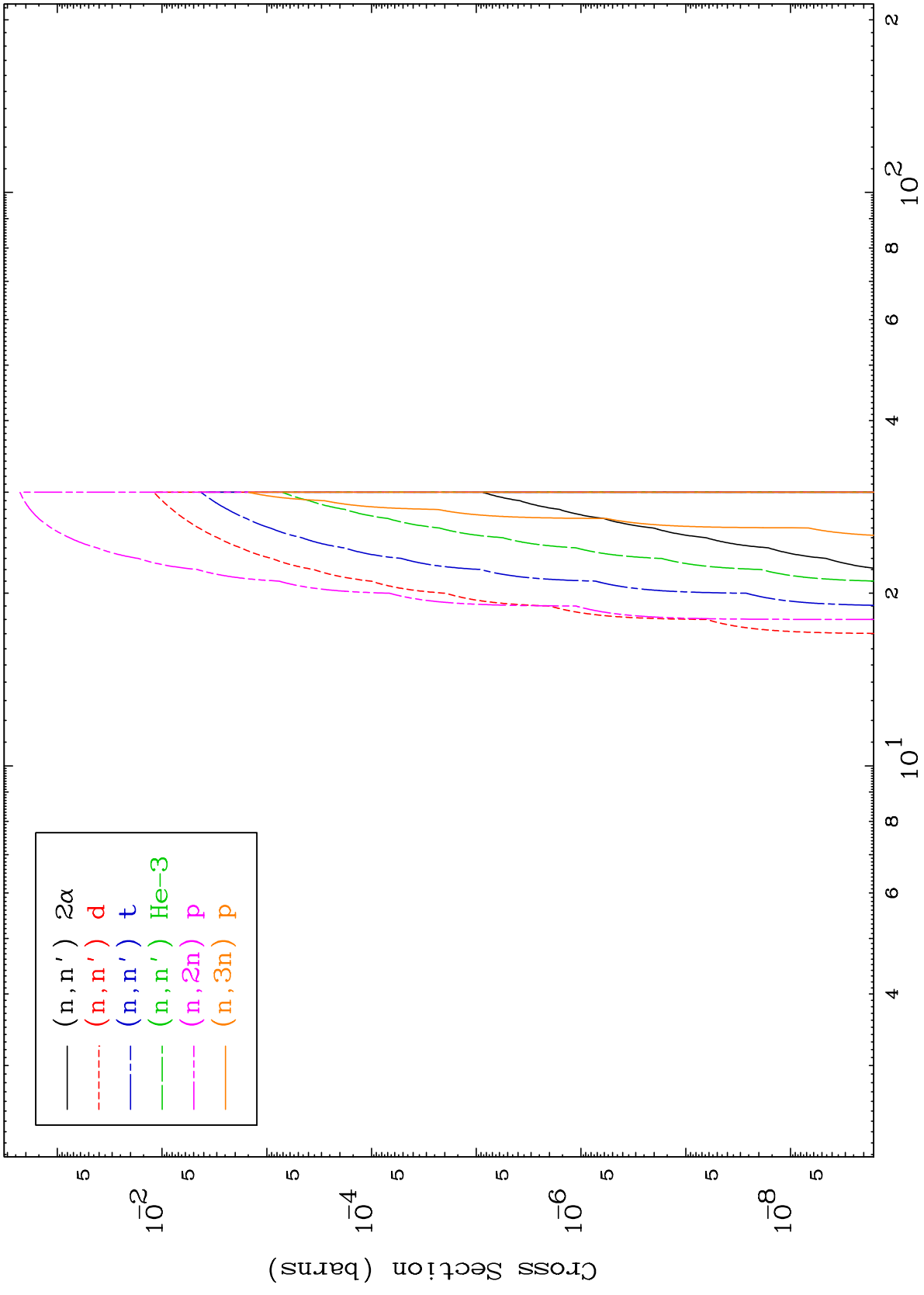
Neutron Production
293 Kelvin Cross Sections

52-Te-118



2

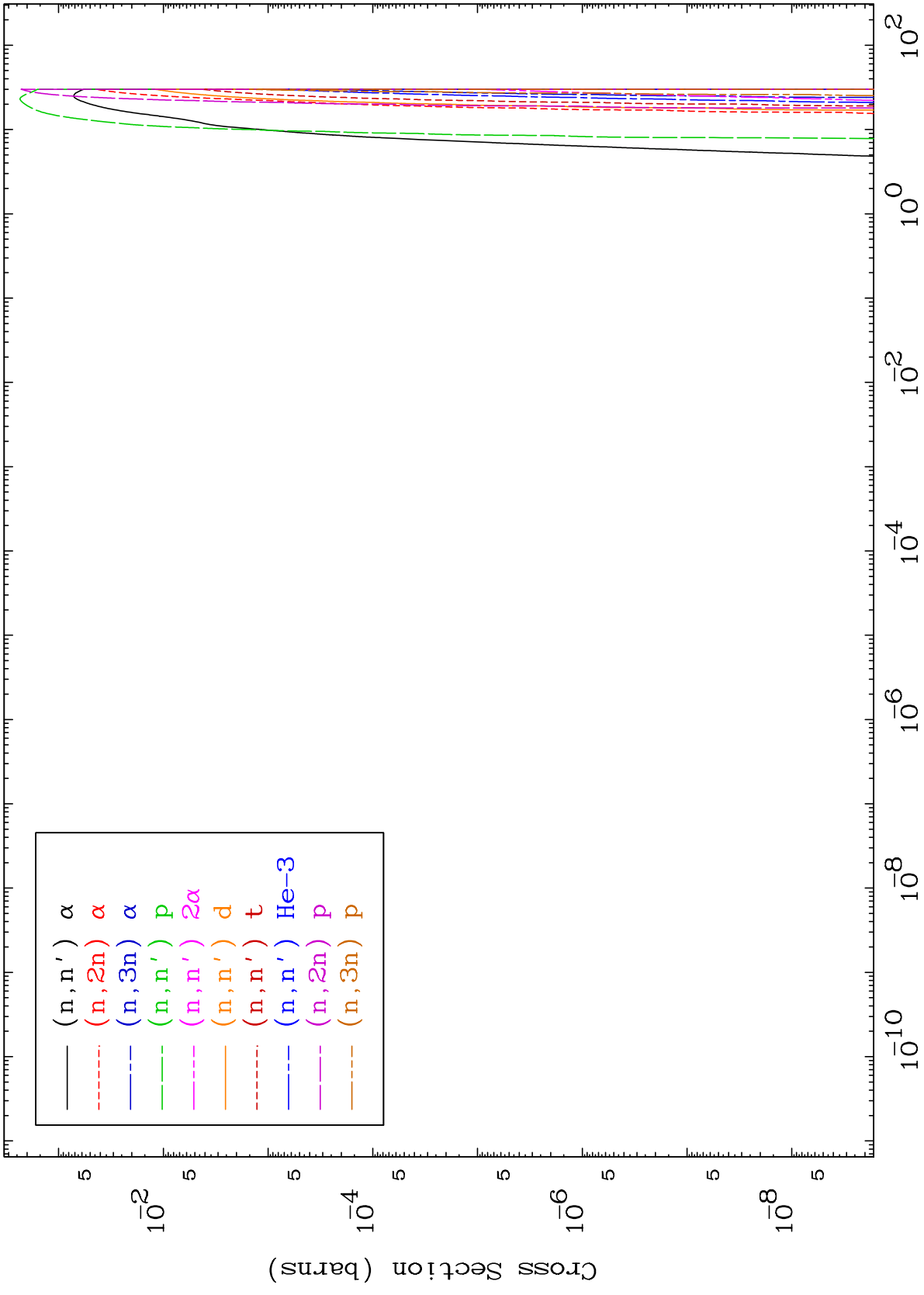
52-Te-118



MAT 5219

Charged Particle
293 Kelvin Cross Sections

52-Te-118

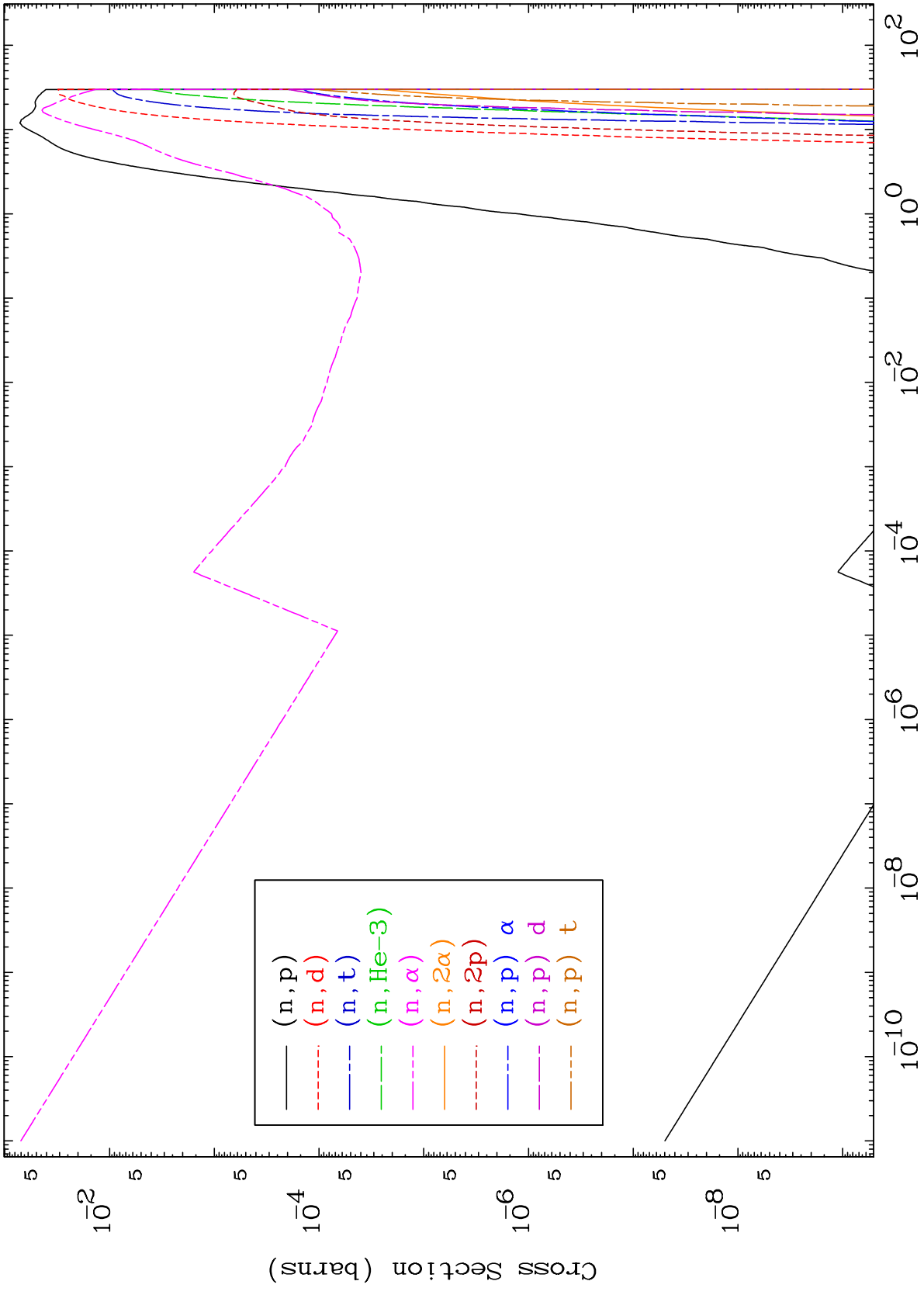


52-Te-118

MAT 5219

293 Kelvin Cross Sections

52-Te-118



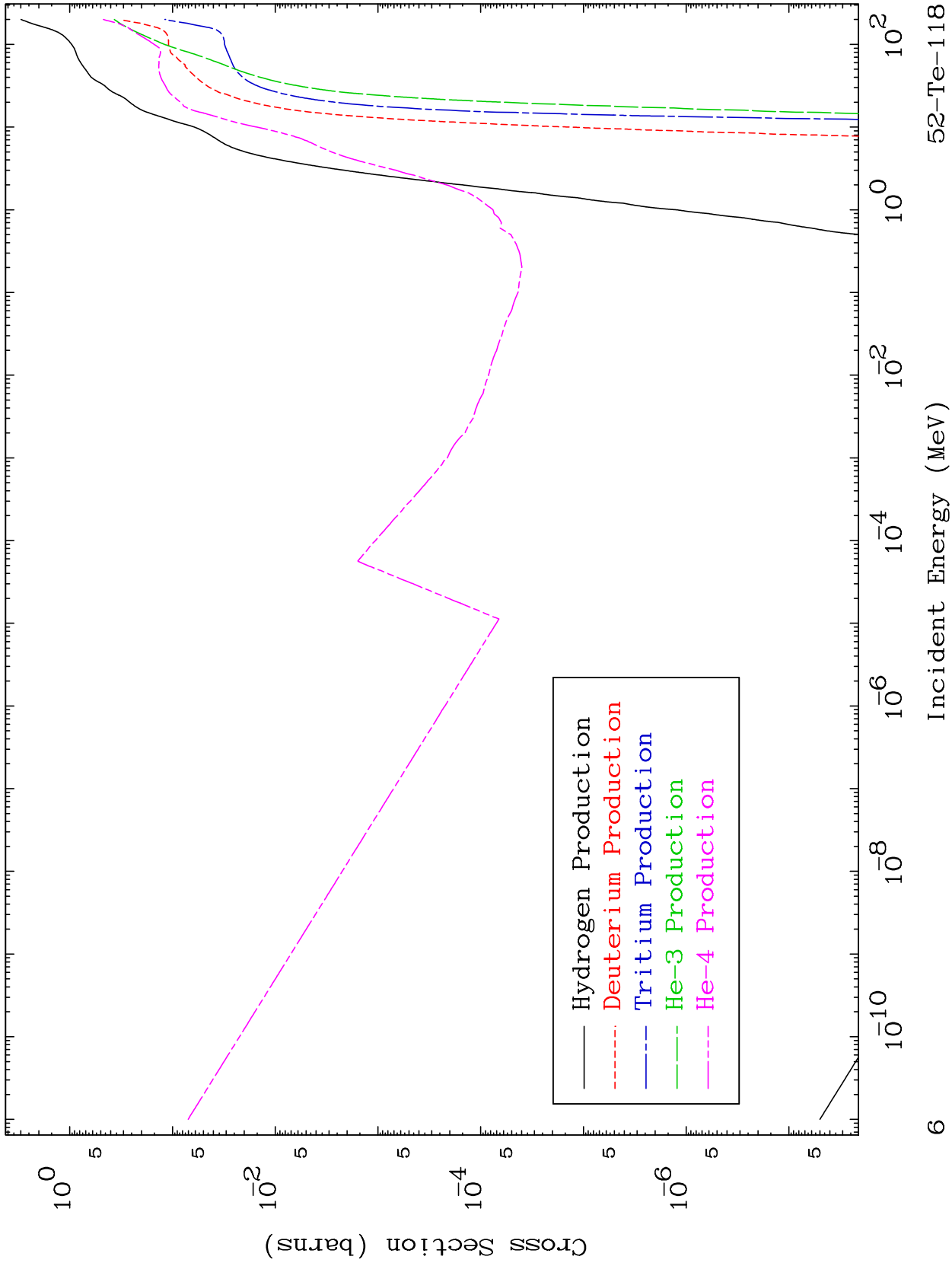
5

52-Te-118

MAT 5219

Particle Production
293 Kelvin Cross Sections

52-Te-118

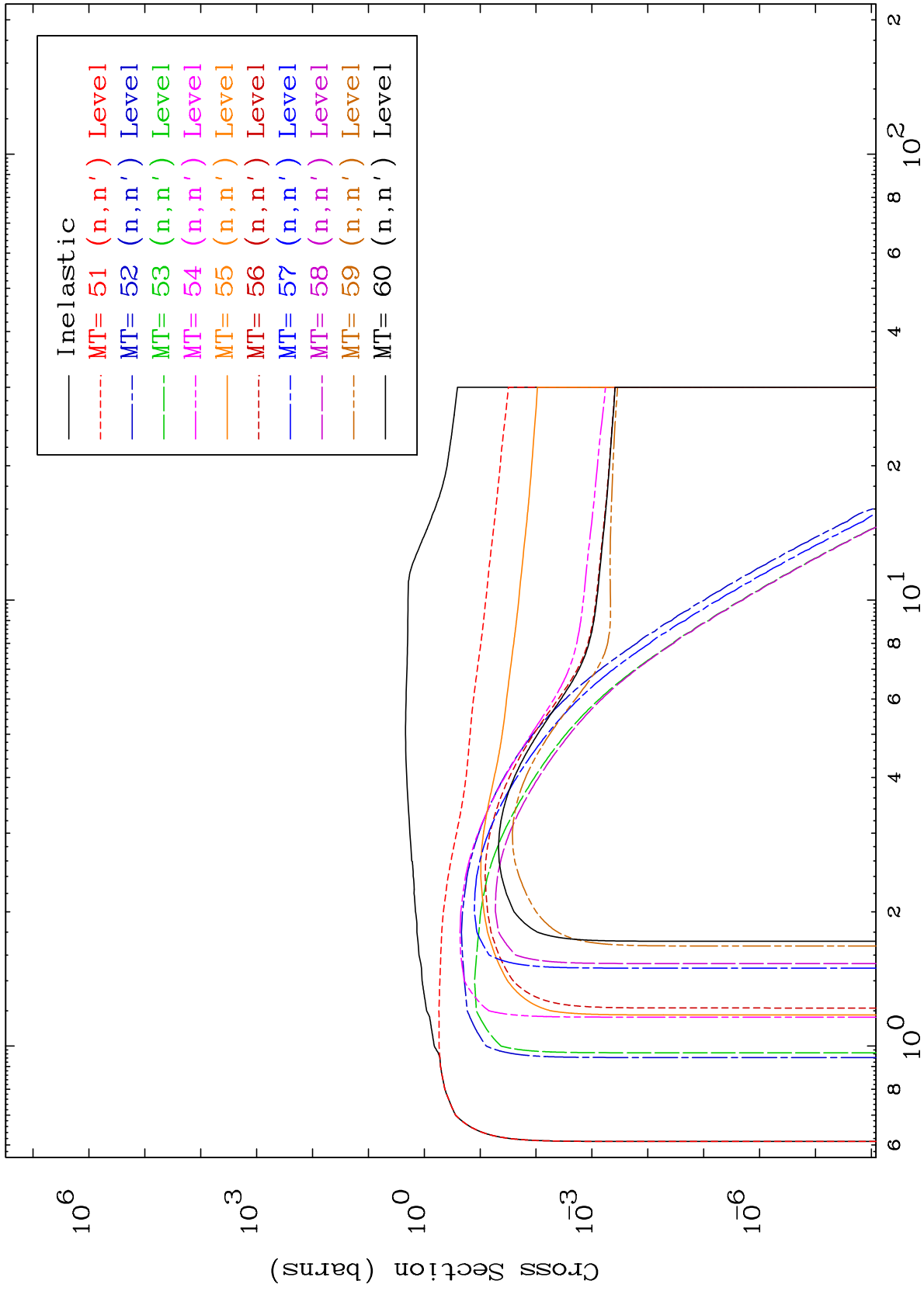


MAT 5219

(n,n') Level

52-Te-118

293 Kelvin Cross Sections



7

Incident Energy (MeV)

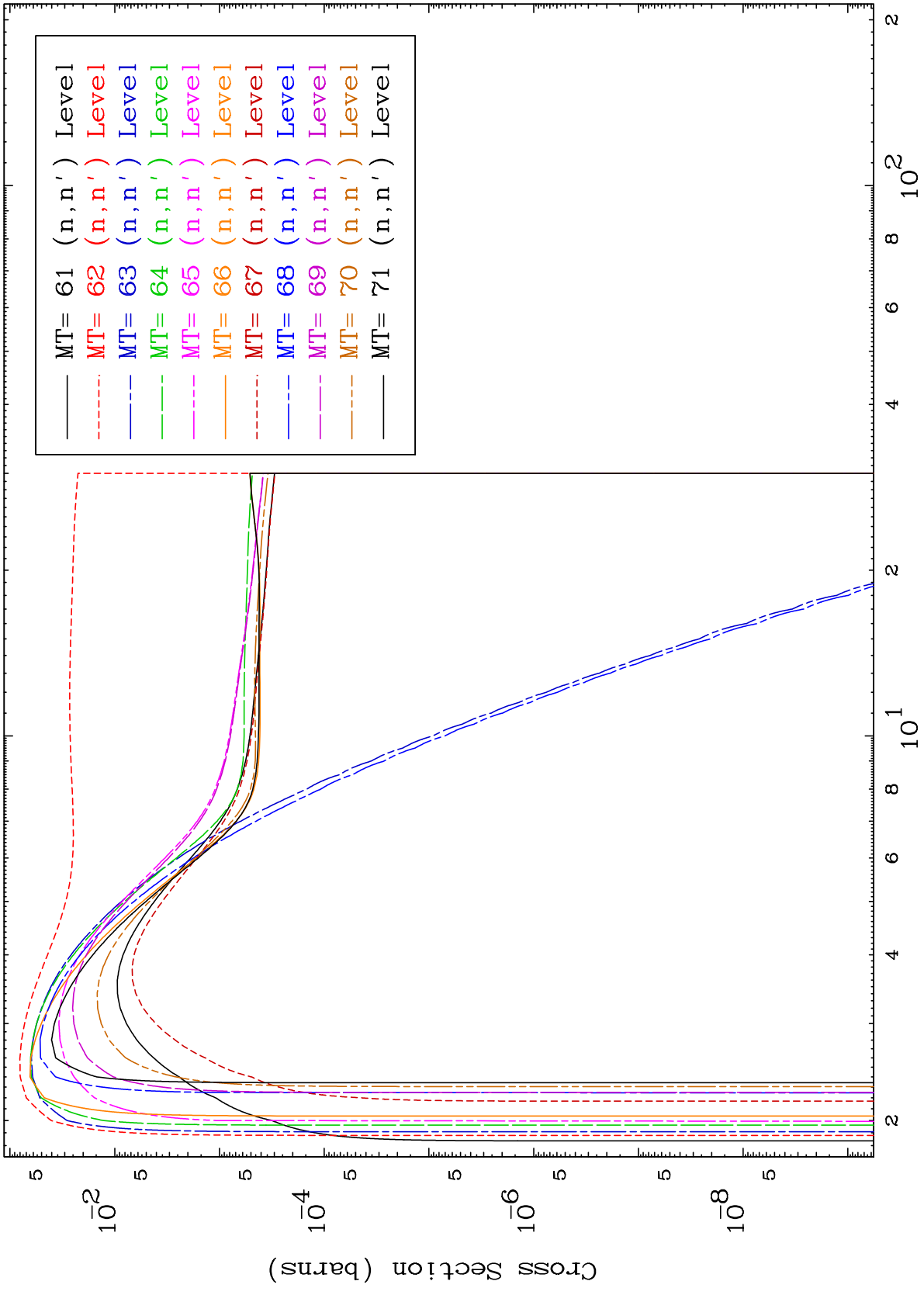
52-Te-118

MAT 5219

(n,n') Level

52-Te-118

293 Kelvin Cross Sections



8

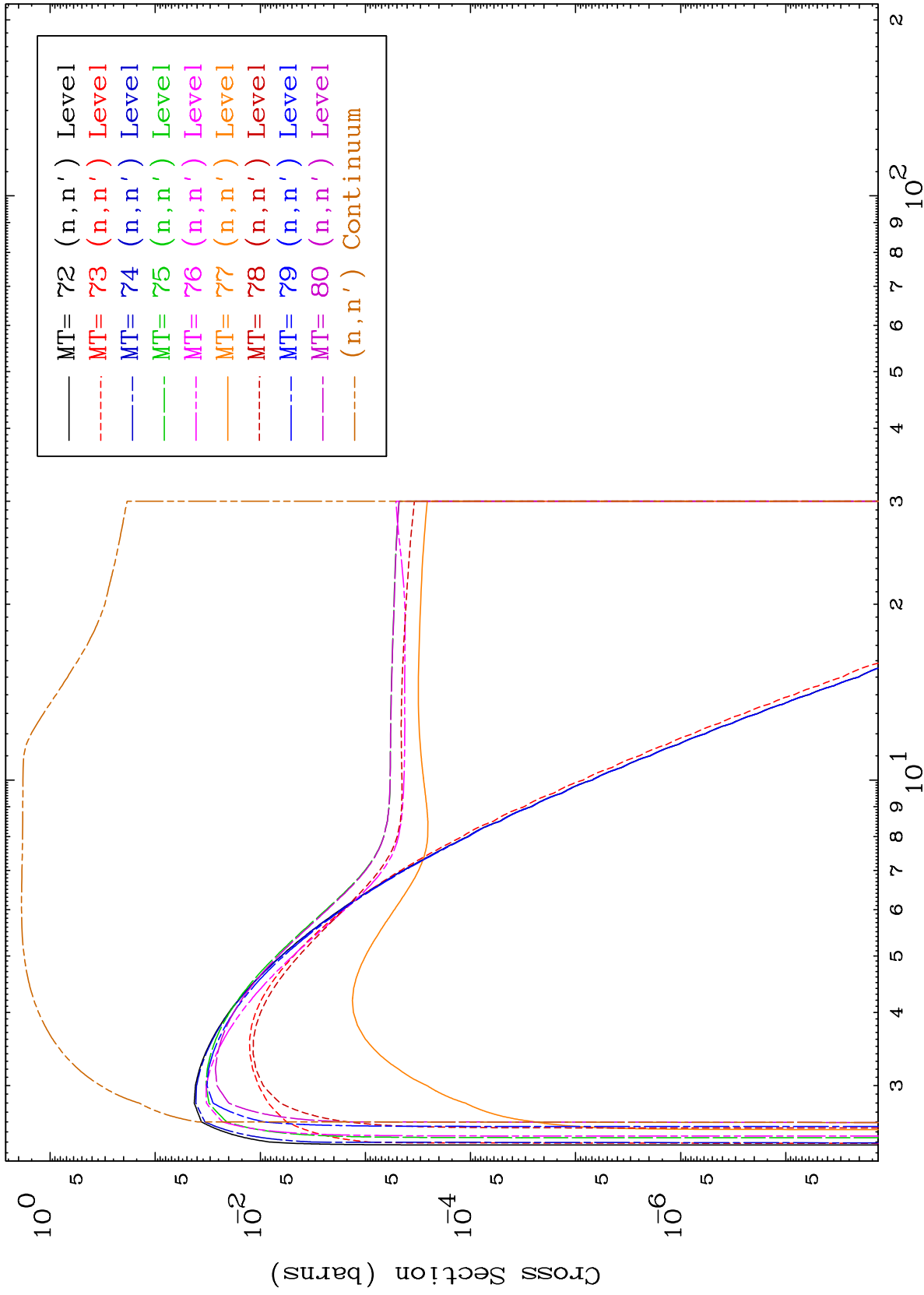
Incident Energy (MeV)

52-Te-118

MAT 5219

(n,n') Level
293 Kelvin Cross Sections

52-Te-118



9

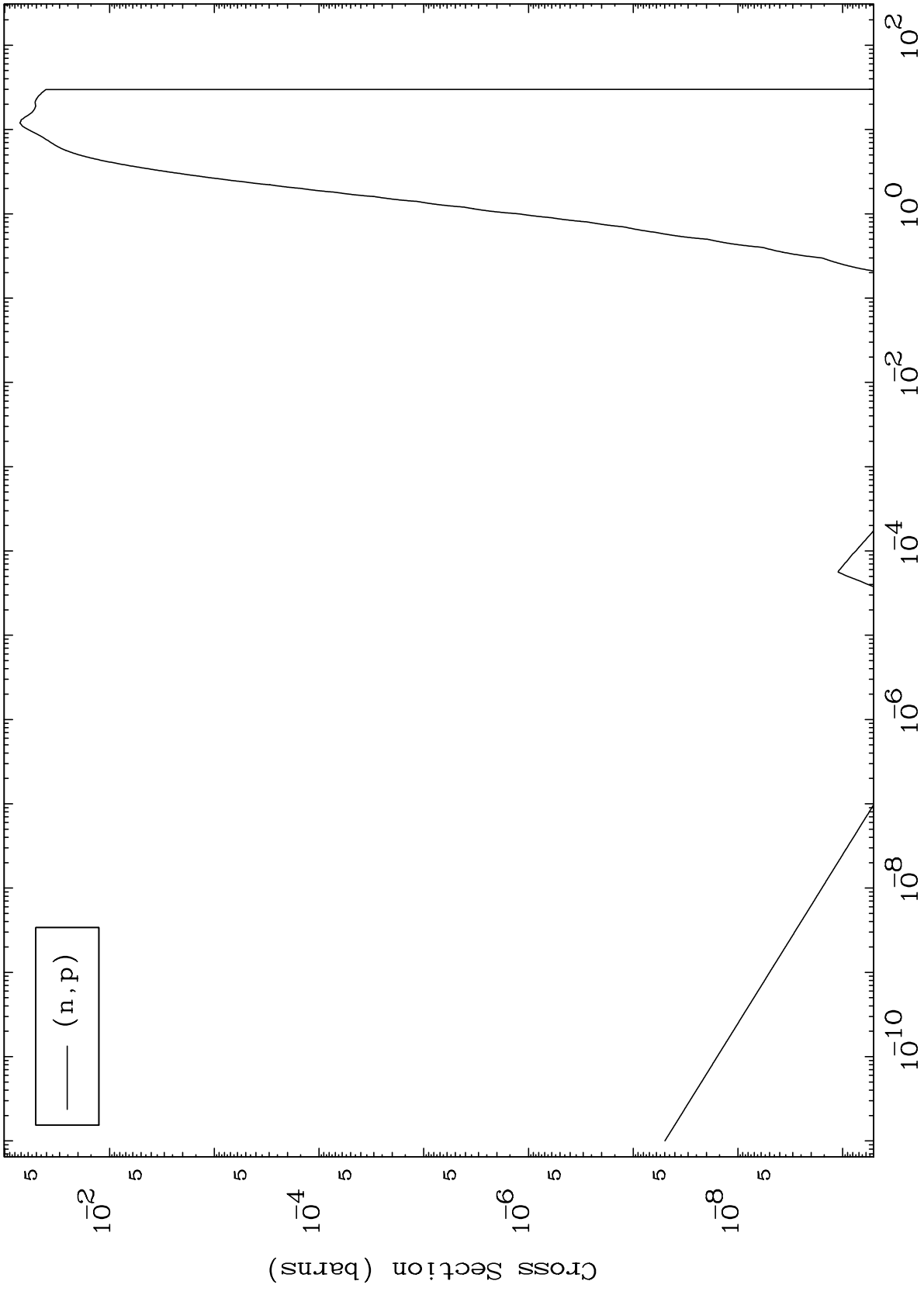
Incident Energy (MeV)

52-Te-118

MAT 5219

(n,p) Levels
293 Kelvin Cross Sections

52-Te-118



10

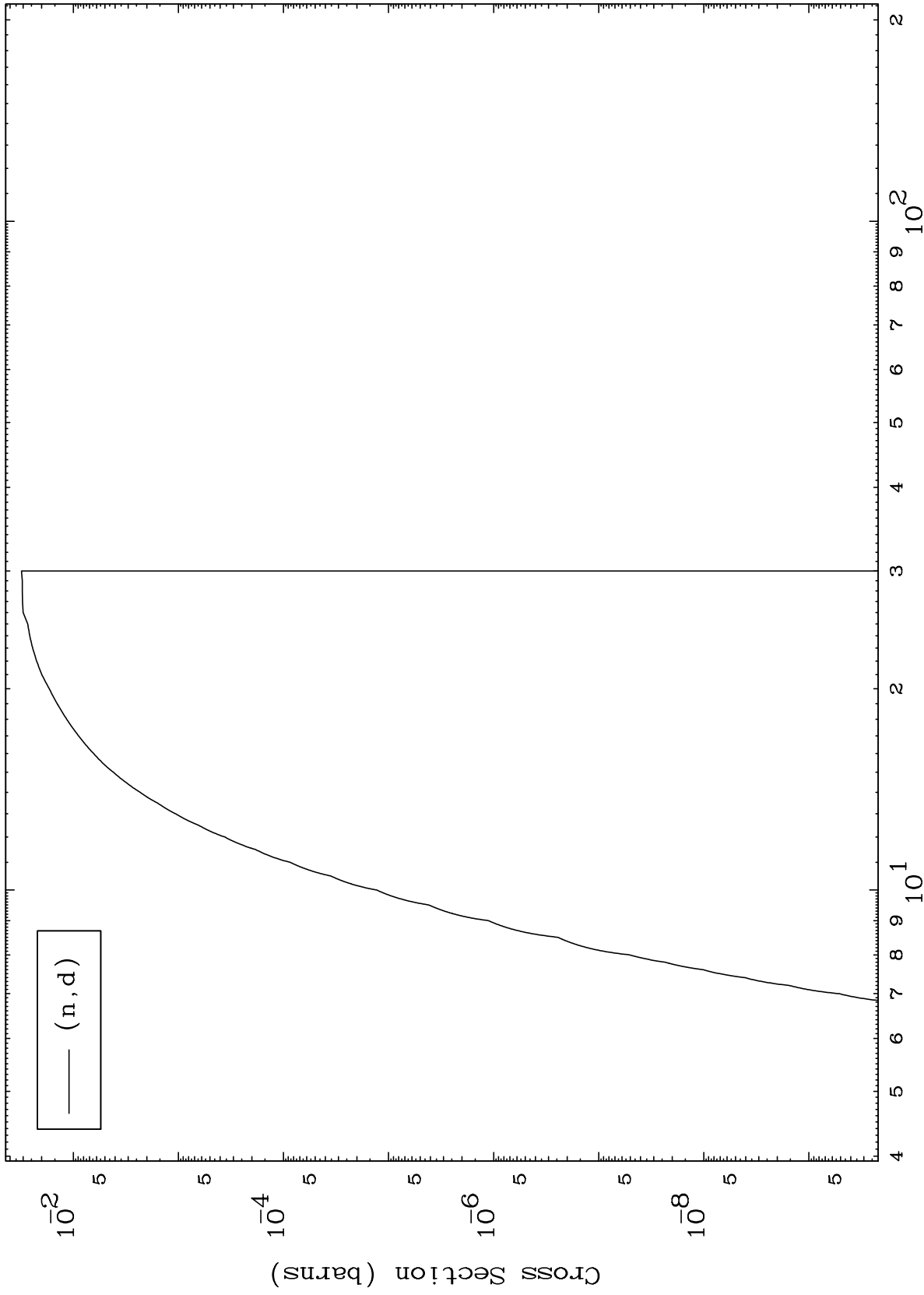
Incident Energy (MeV)

52-Te-118

MAT 5219

(n,d) Levels
293 Kelvin Cross Sections

52-Te-118



11

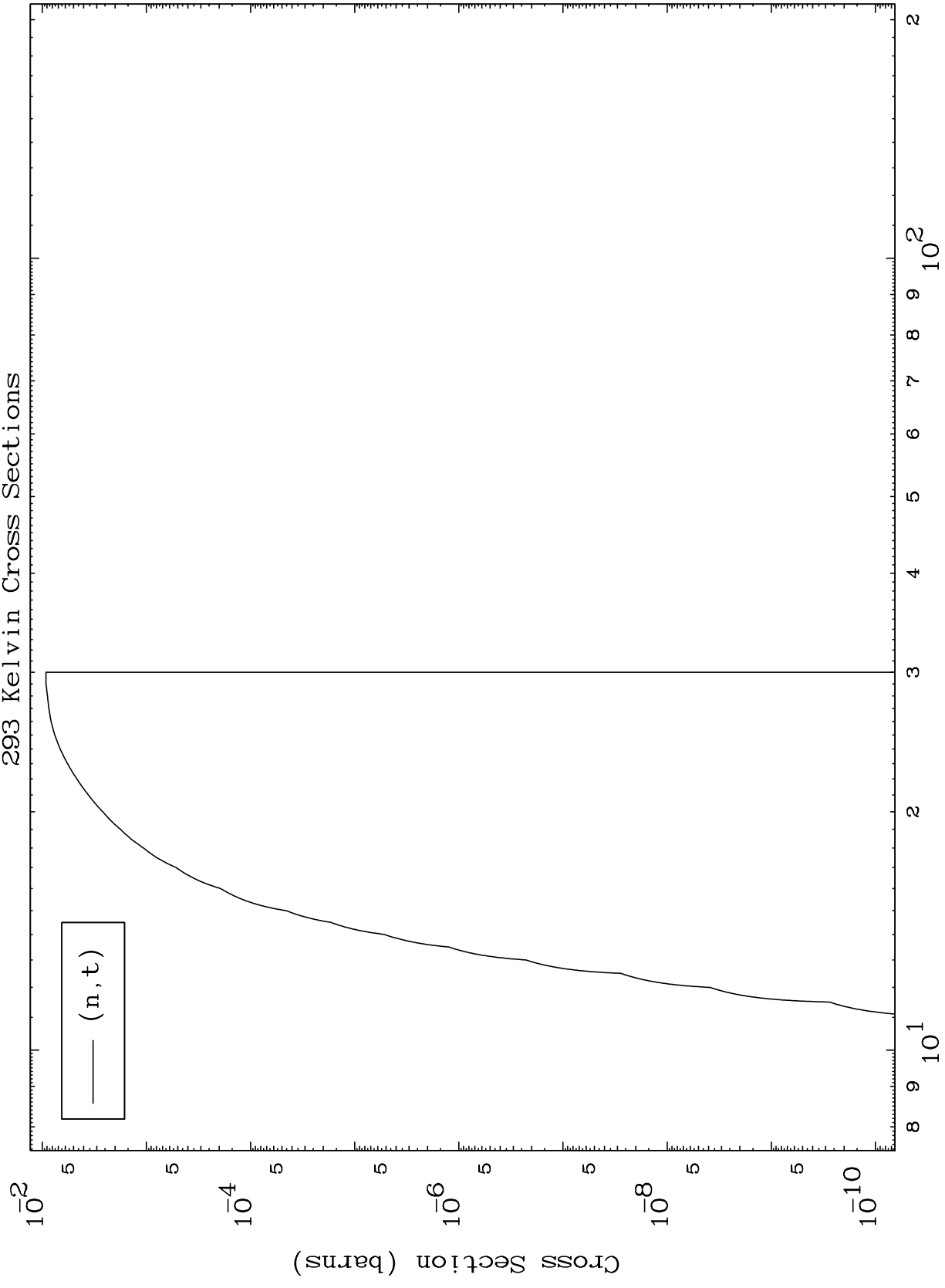
Incident Energy (MeV)

52-Te-118

MAT 5219

(n,t) Levels
293 Kelvin Cross Sections

52-Te-118



12

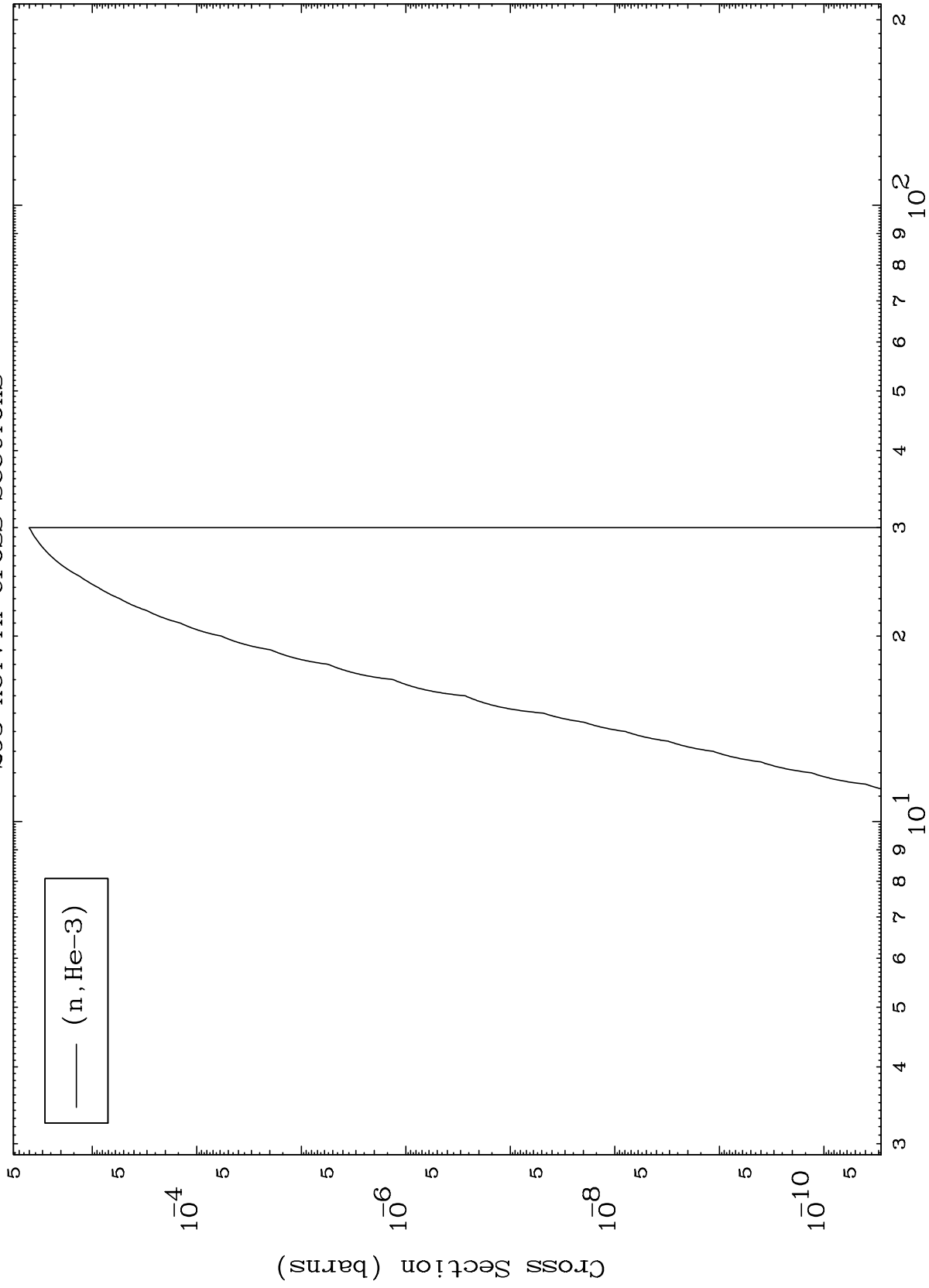
Incident Energy (MeV)

52-Te-118

MAT 5219

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-118



13

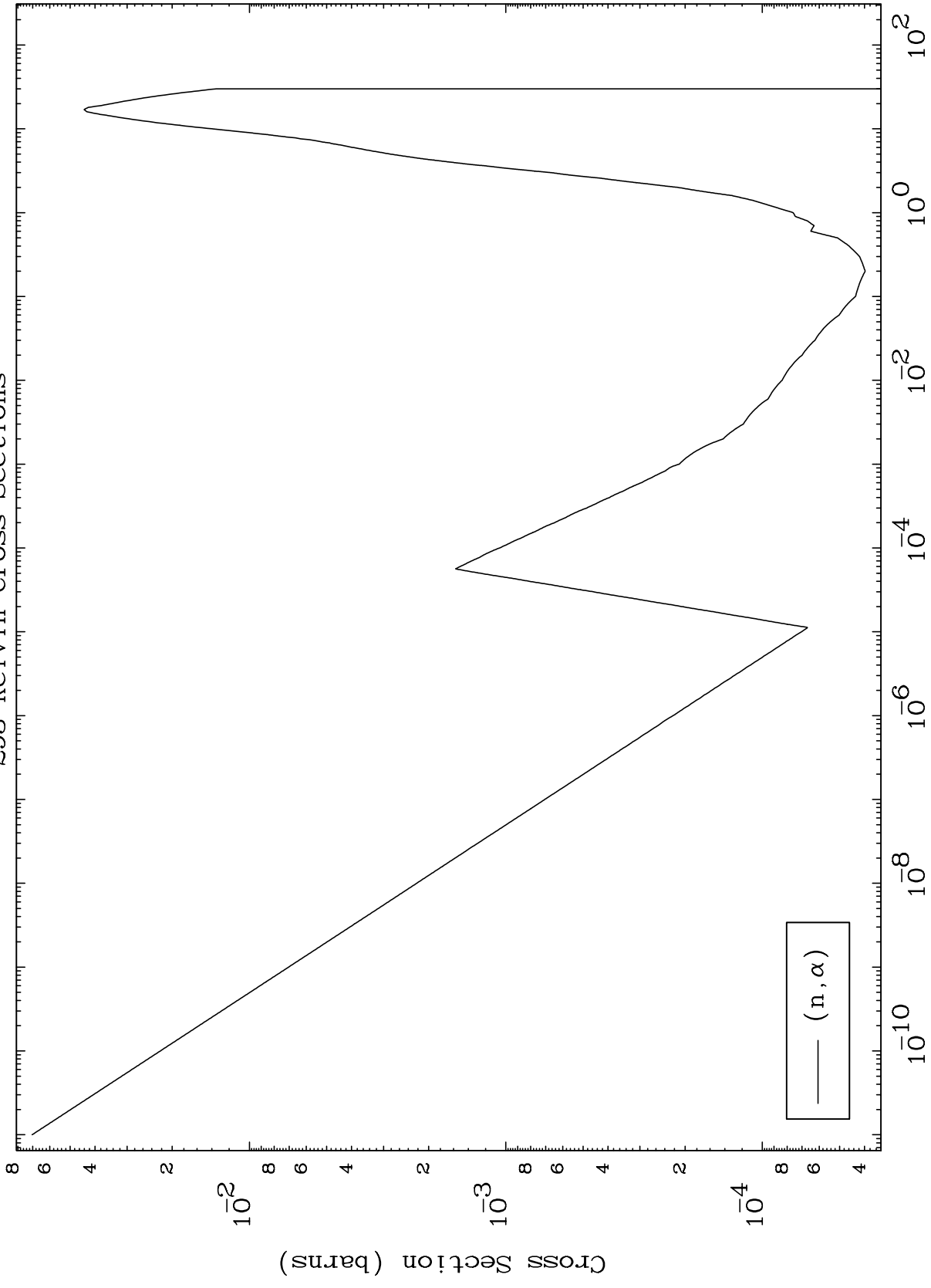
Incident Energy (MeV)

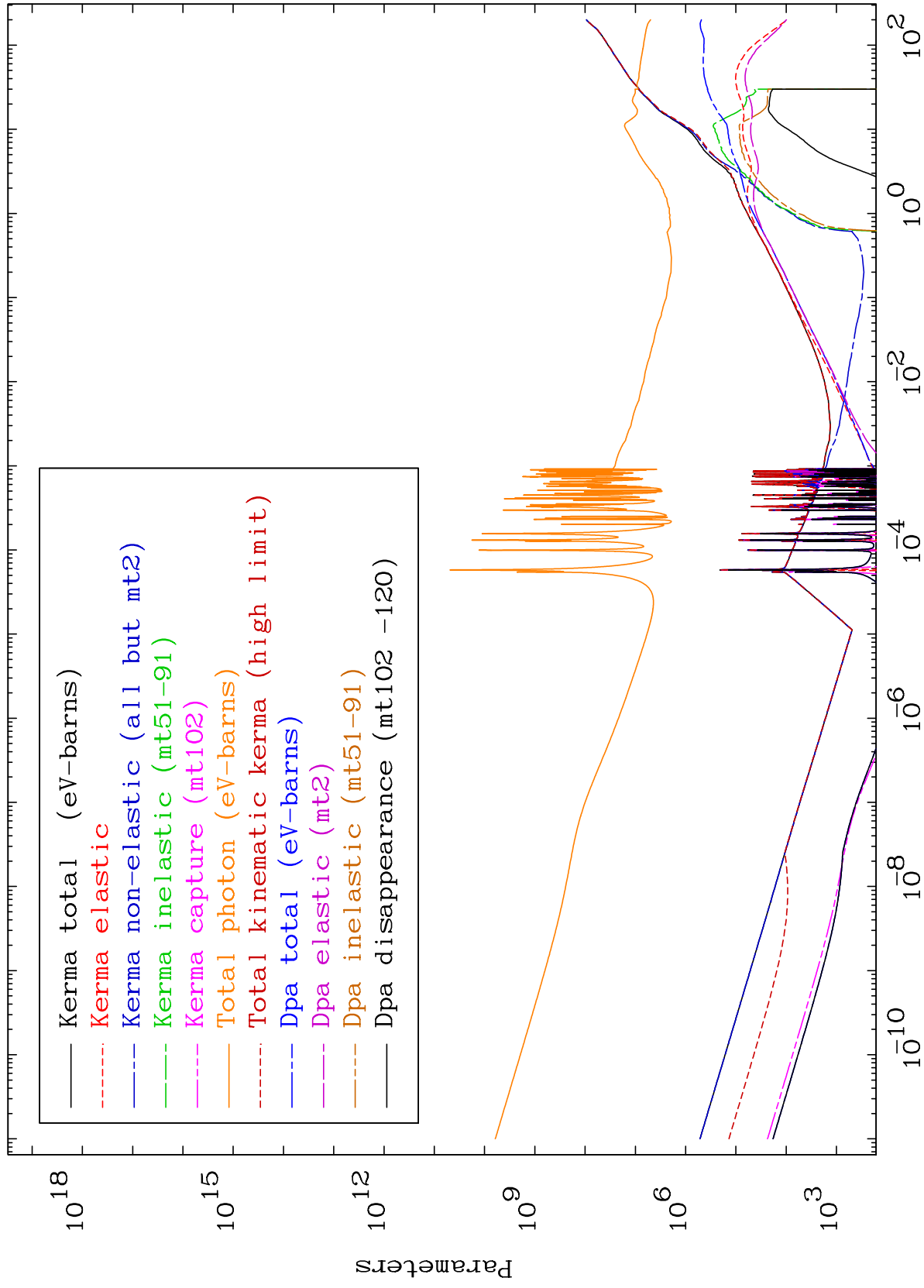
52-Te-118

MAT 5219

(n,α) Levels
293 Kelvin Cross Sections

52-Te-118

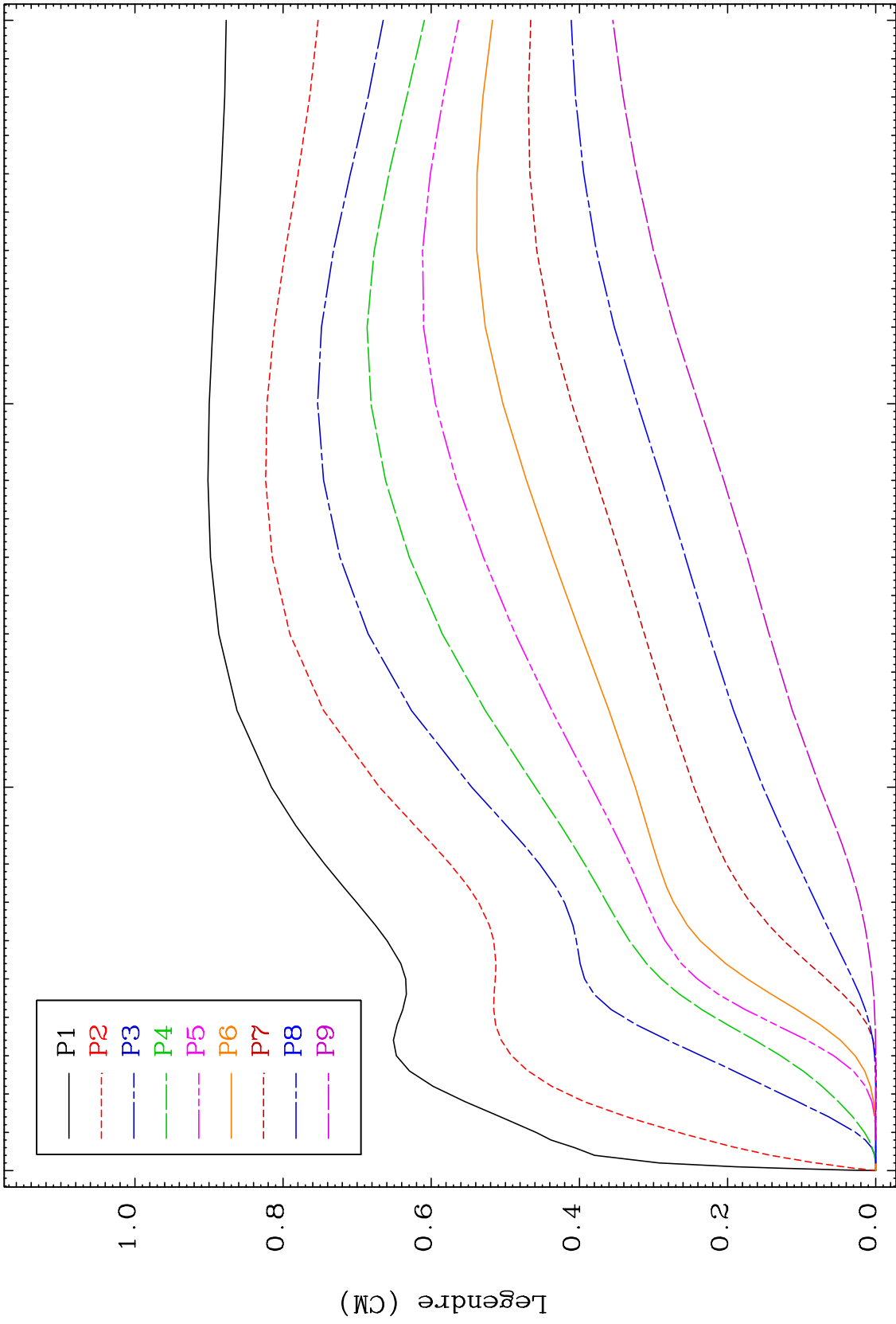




MAT 5219

Elastic Legendre Coefficients

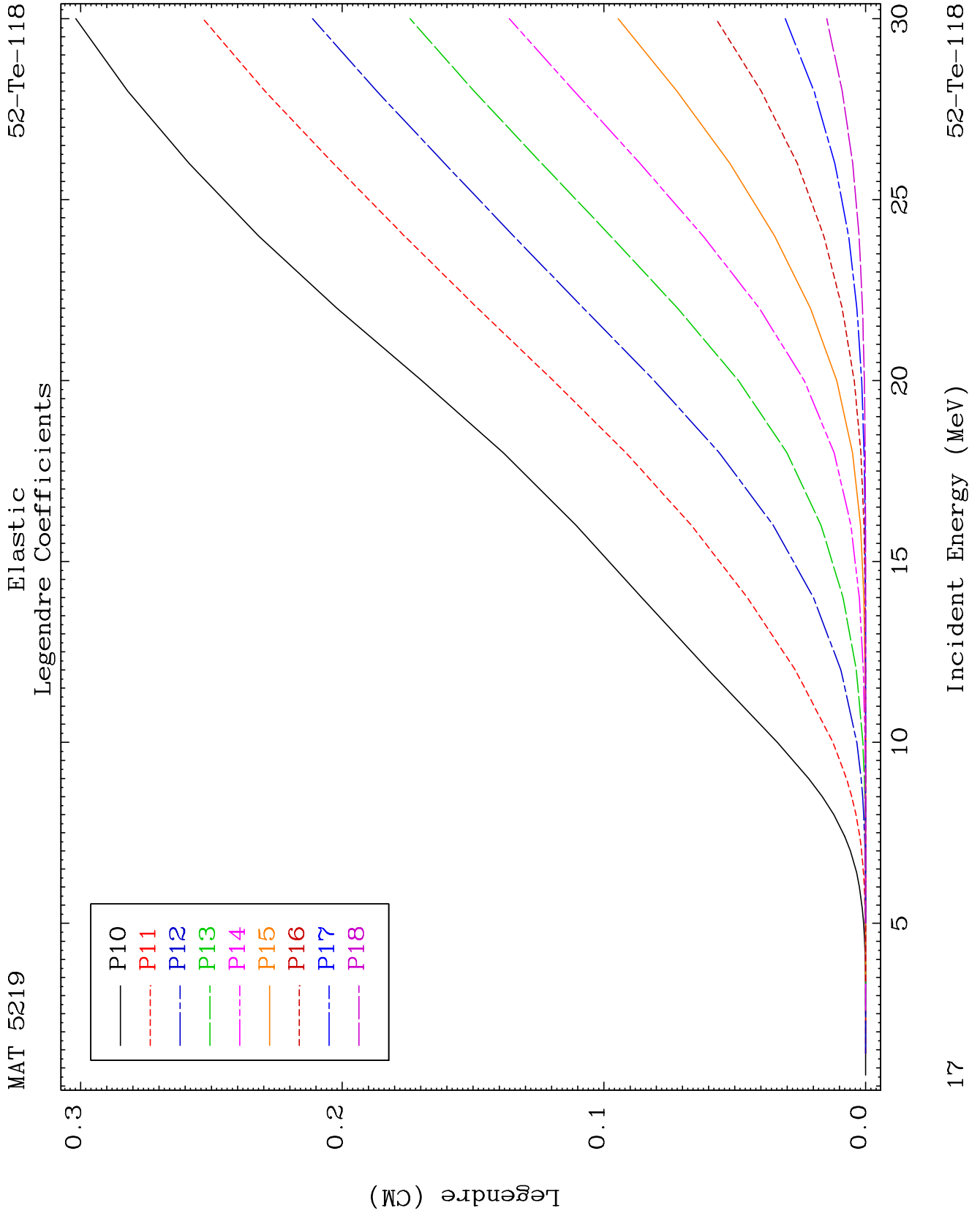
52-Te-118



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Incident Energy (MeV)

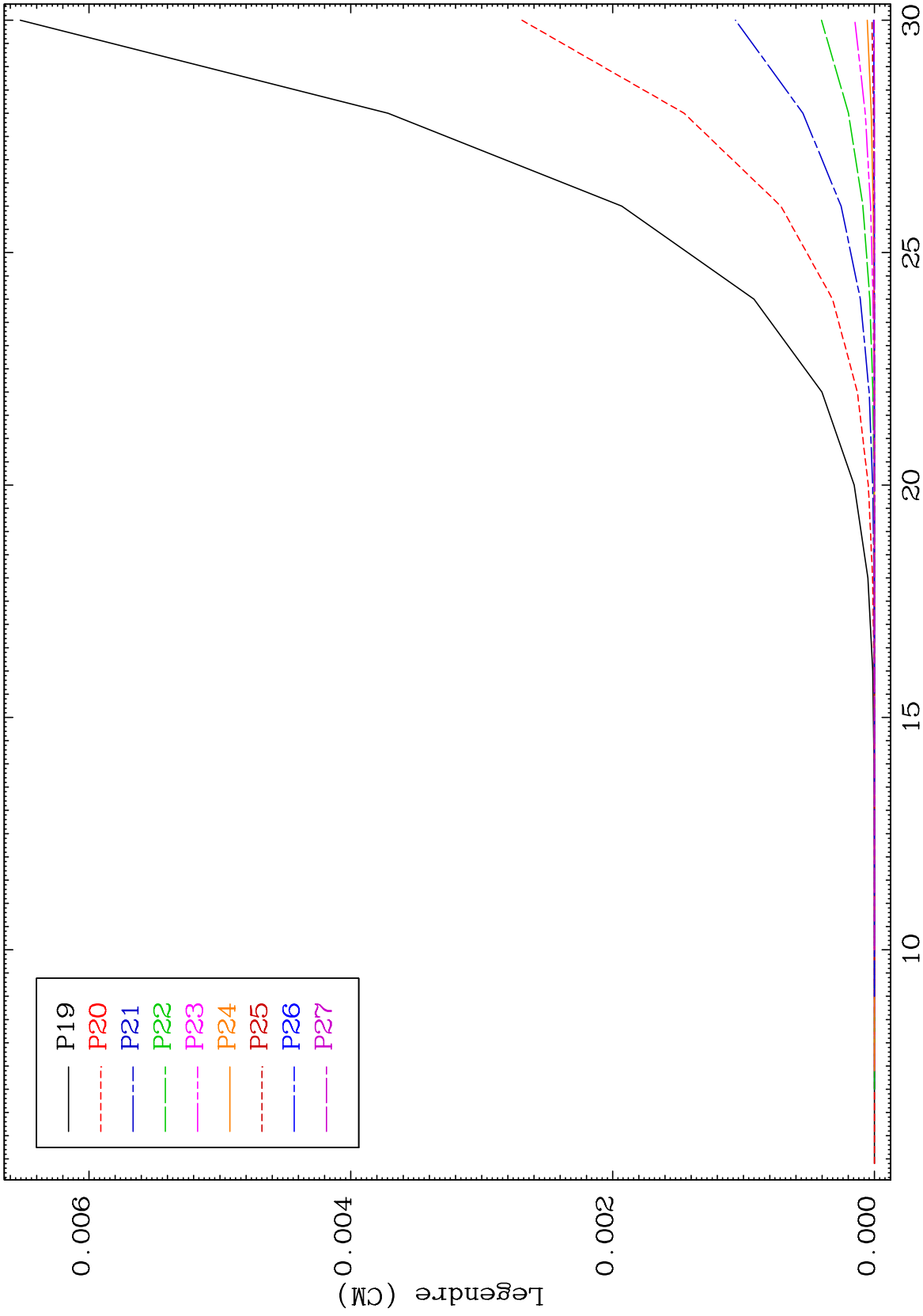
52-Te-118



MAT 5219

Elastic Legendre Coefficients

52-Te-118



18

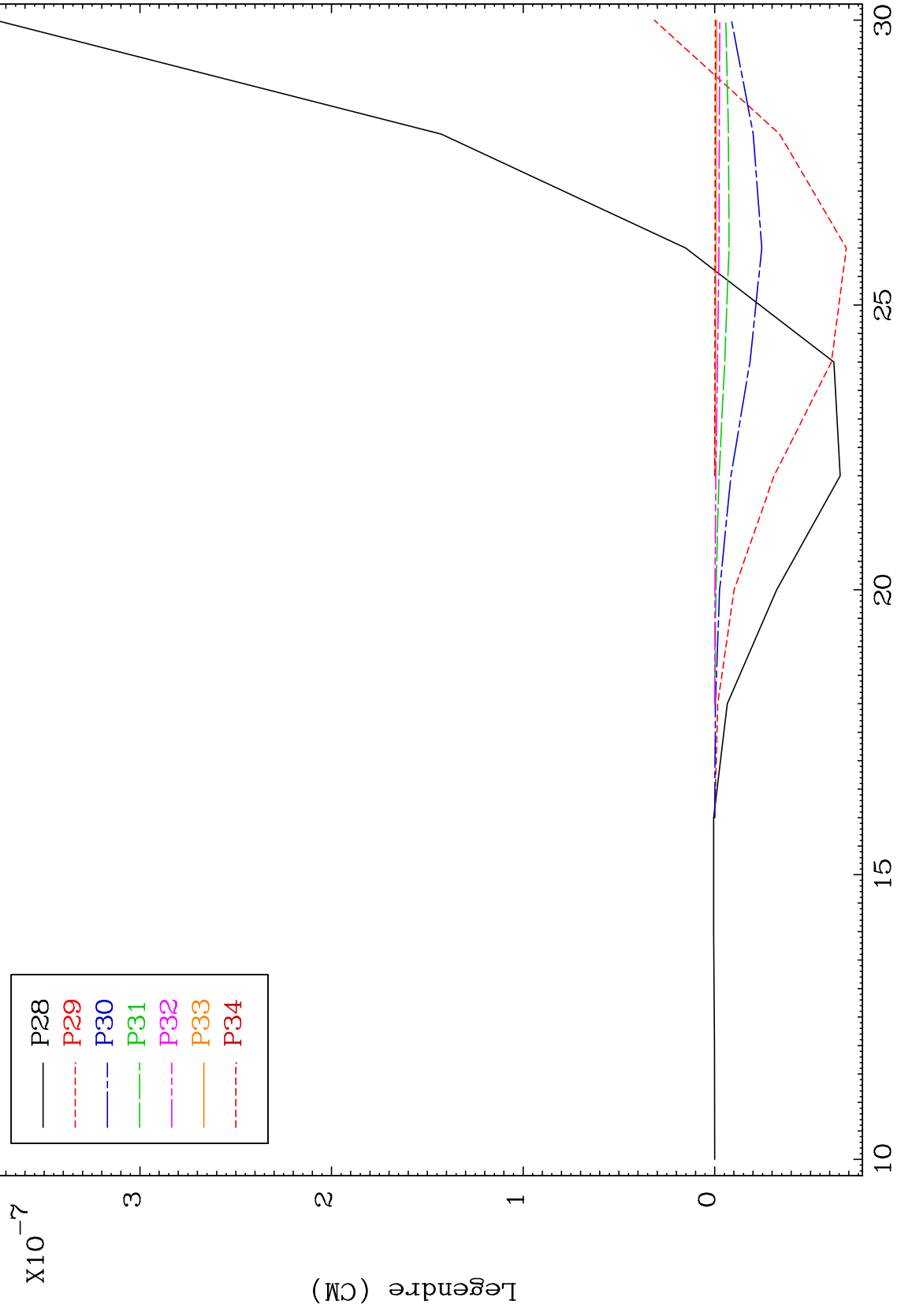
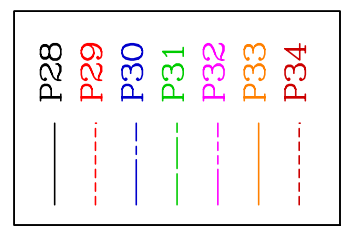
Incident Energy (MeV)

52-Te-118

MAT 5219

Elastic Legendre Coefficients

52-Te-118

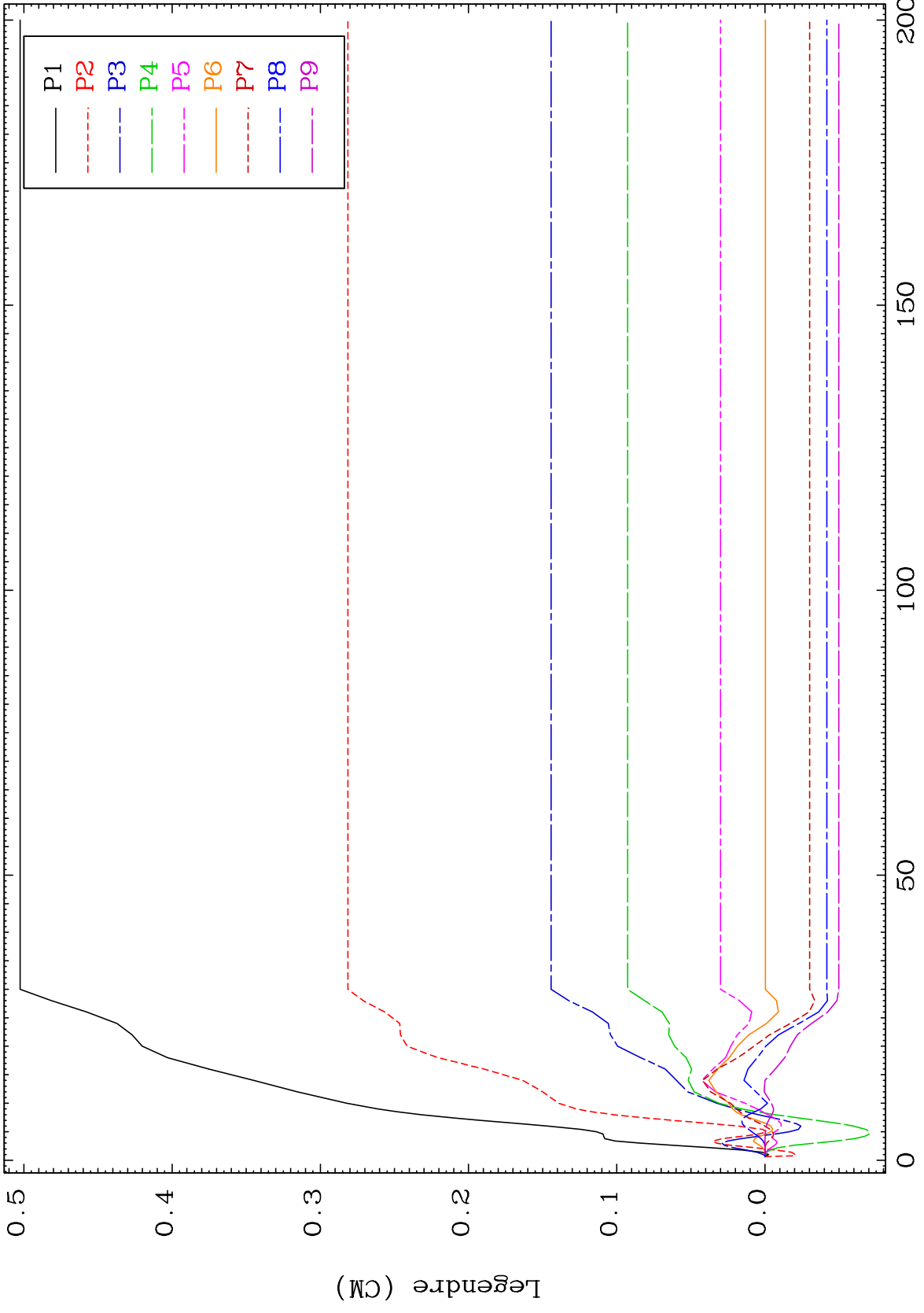


19

Incident Energy (MeV)

52-Te-118

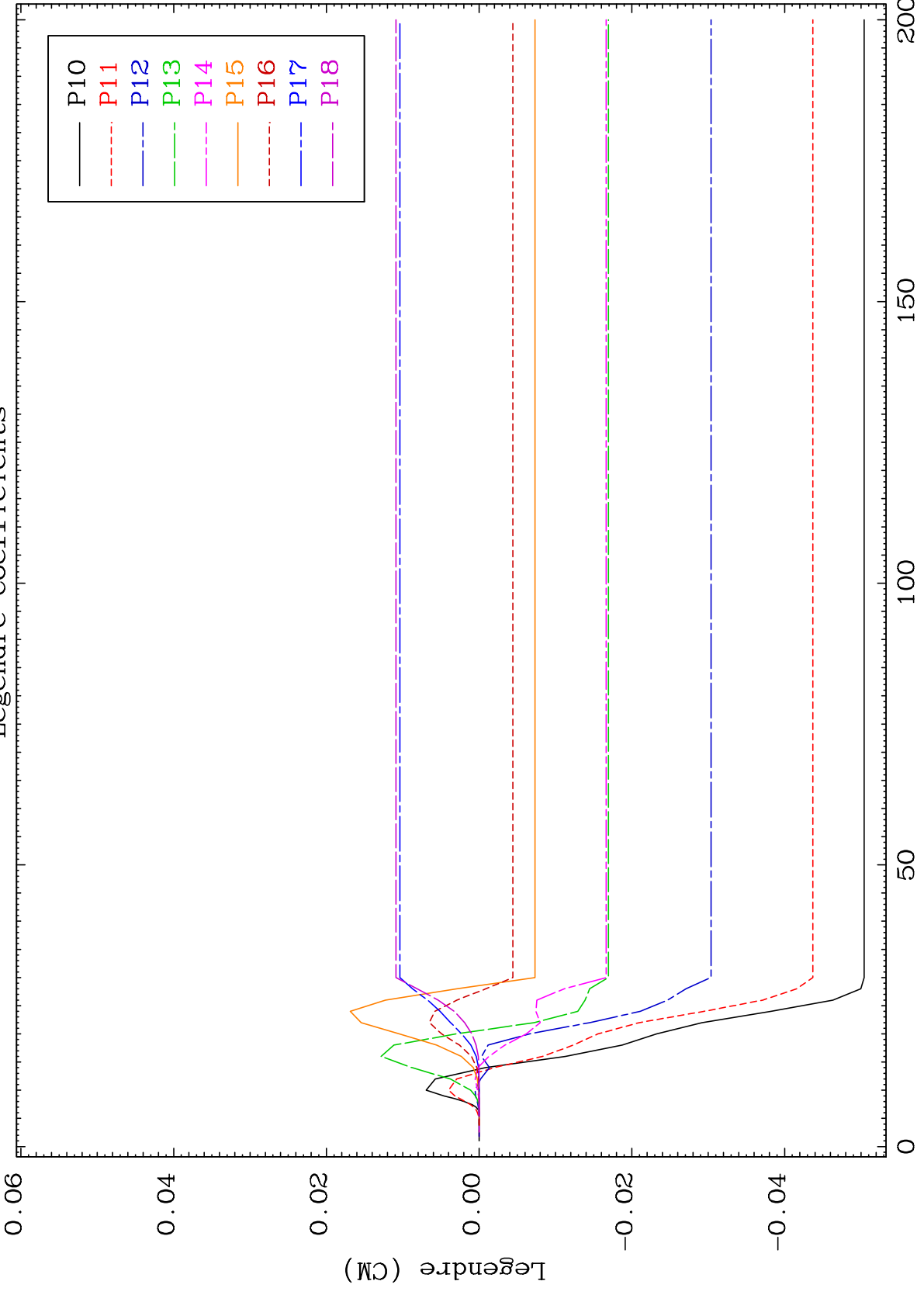
MAT 5219 MT= 51 (n,n') Level Legendre Coefficients 52-Te-118



52-Te-118

MAT 5219 MT= 51 (n,n') Level Legendre Coefficients

52-Te-118



52-Te-118

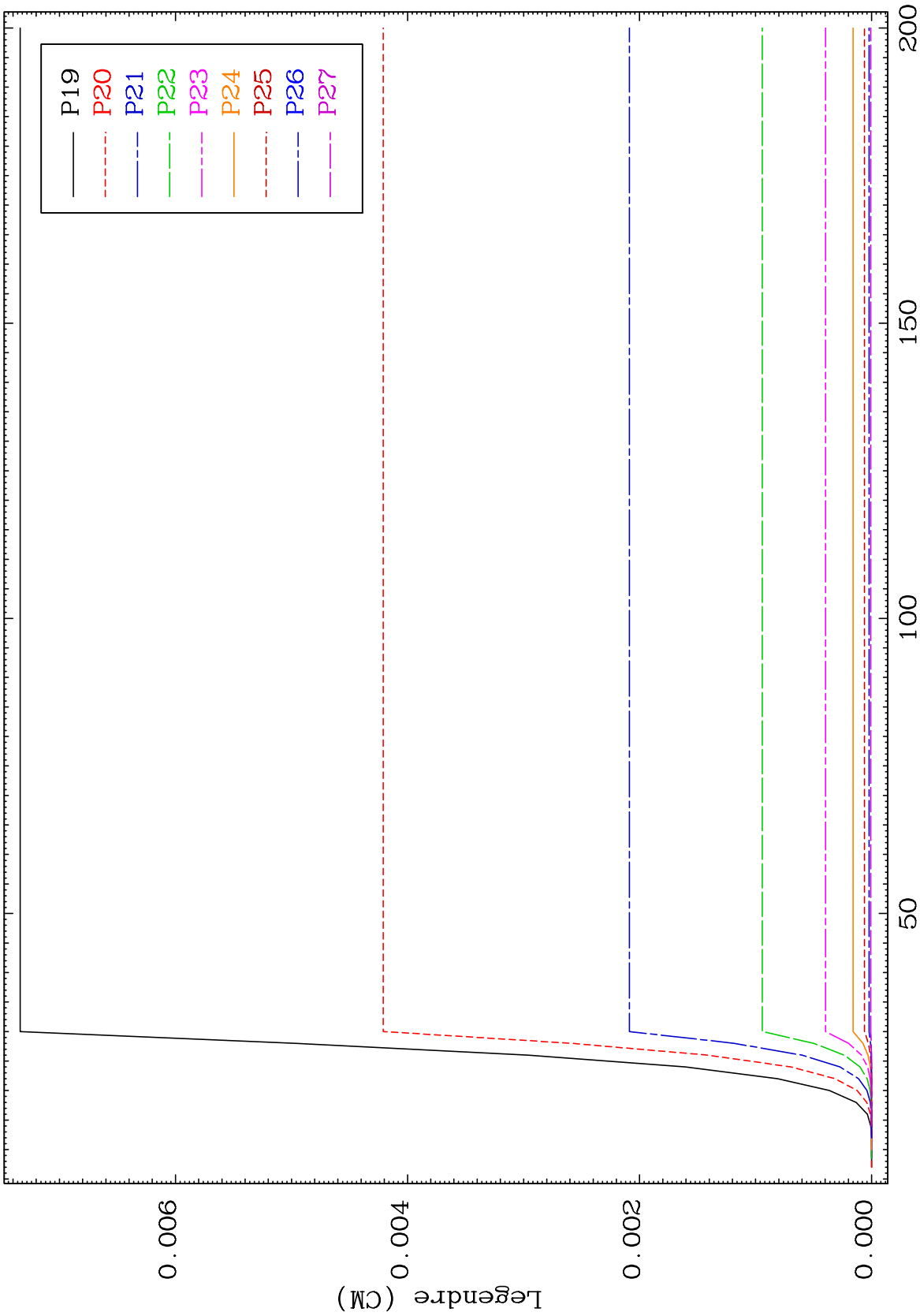
Incident Energy (MeV)

21

MAT 5219

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

52-Te-118



22

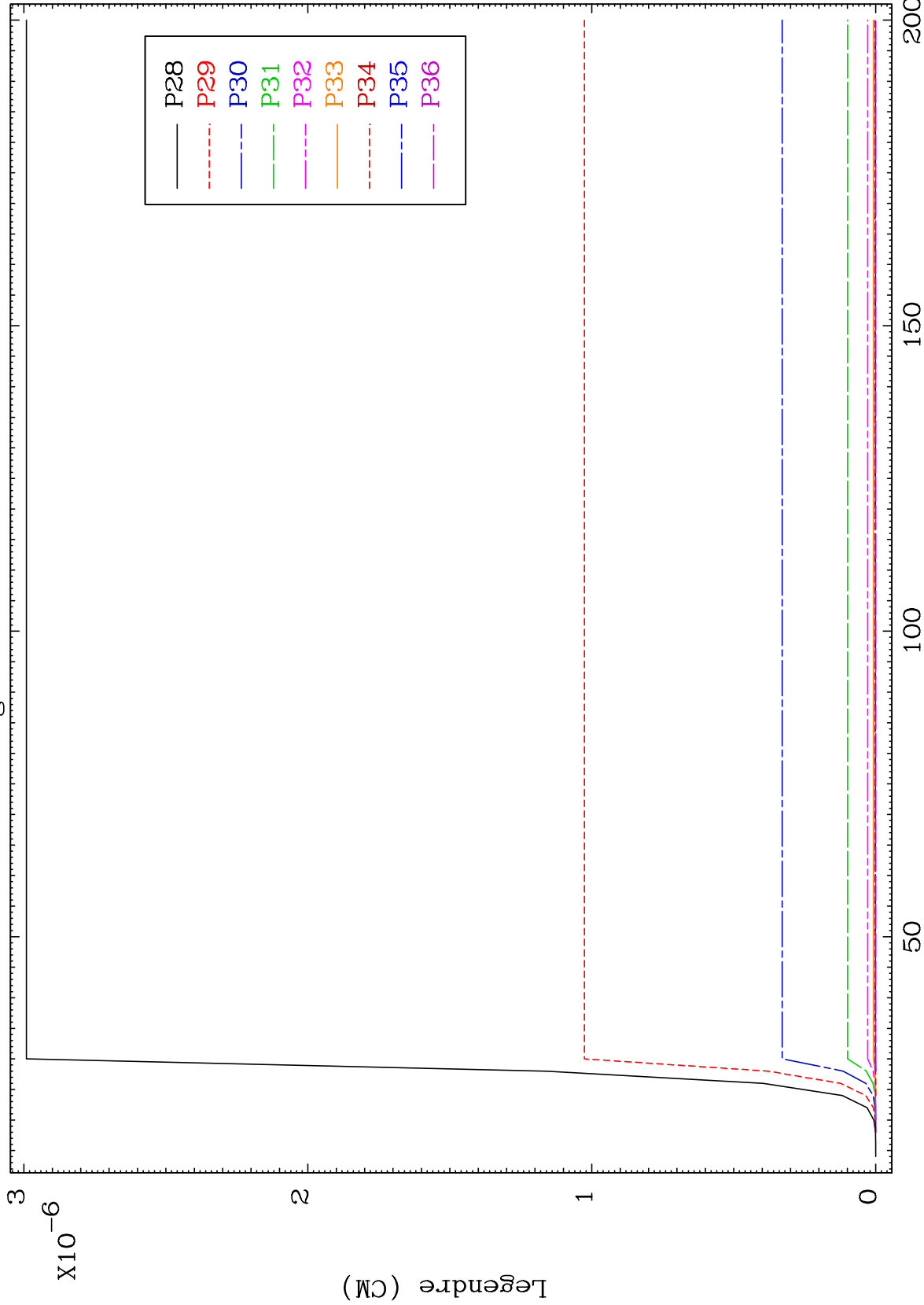
Incident Energy (MeV)

52-Te-118

MAT 5219

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

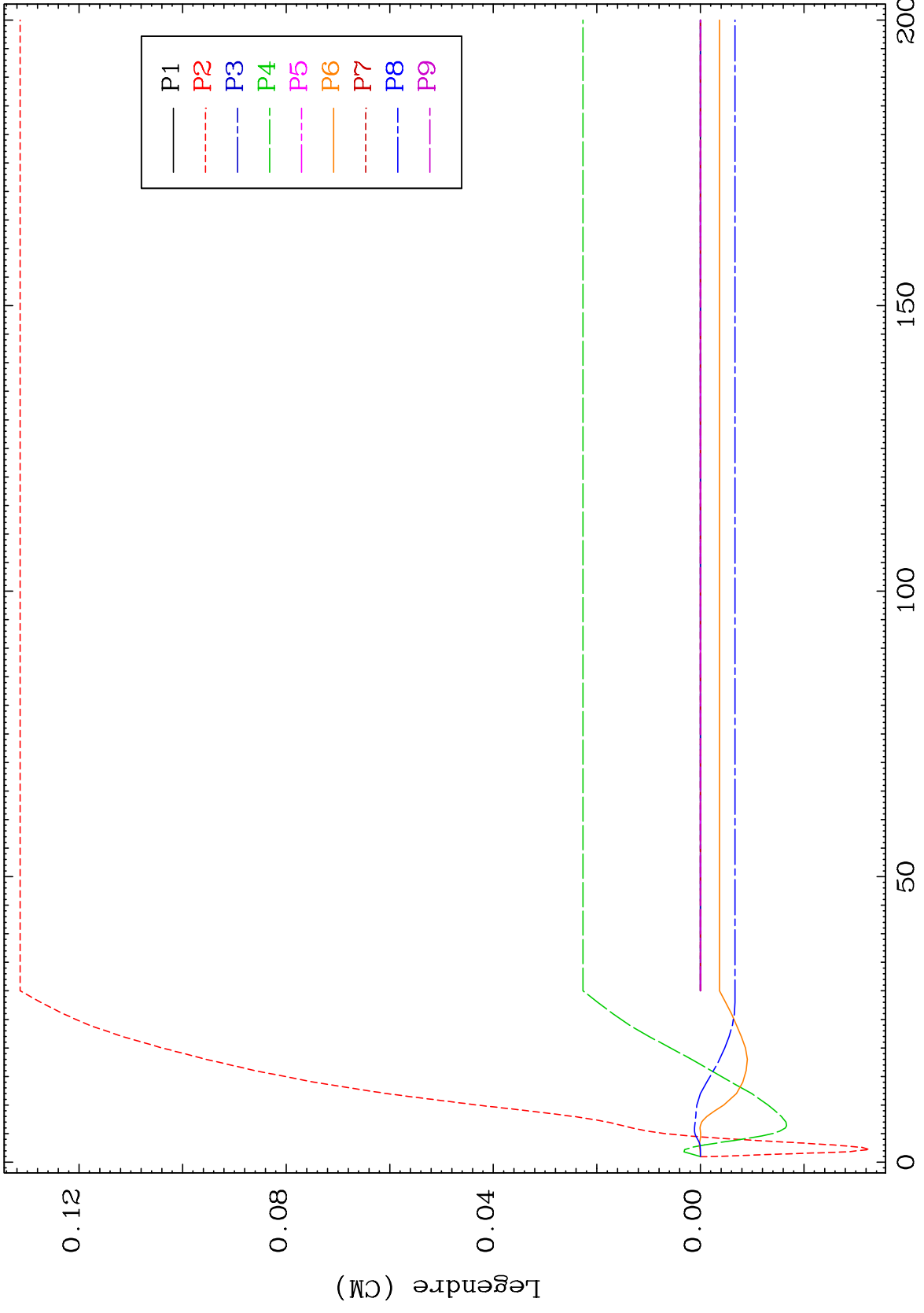
52-Te-118



23

52-Te-118

MAT 5219 MT= 52 (n,n') Level Legendre Coefficients 52-Te-118

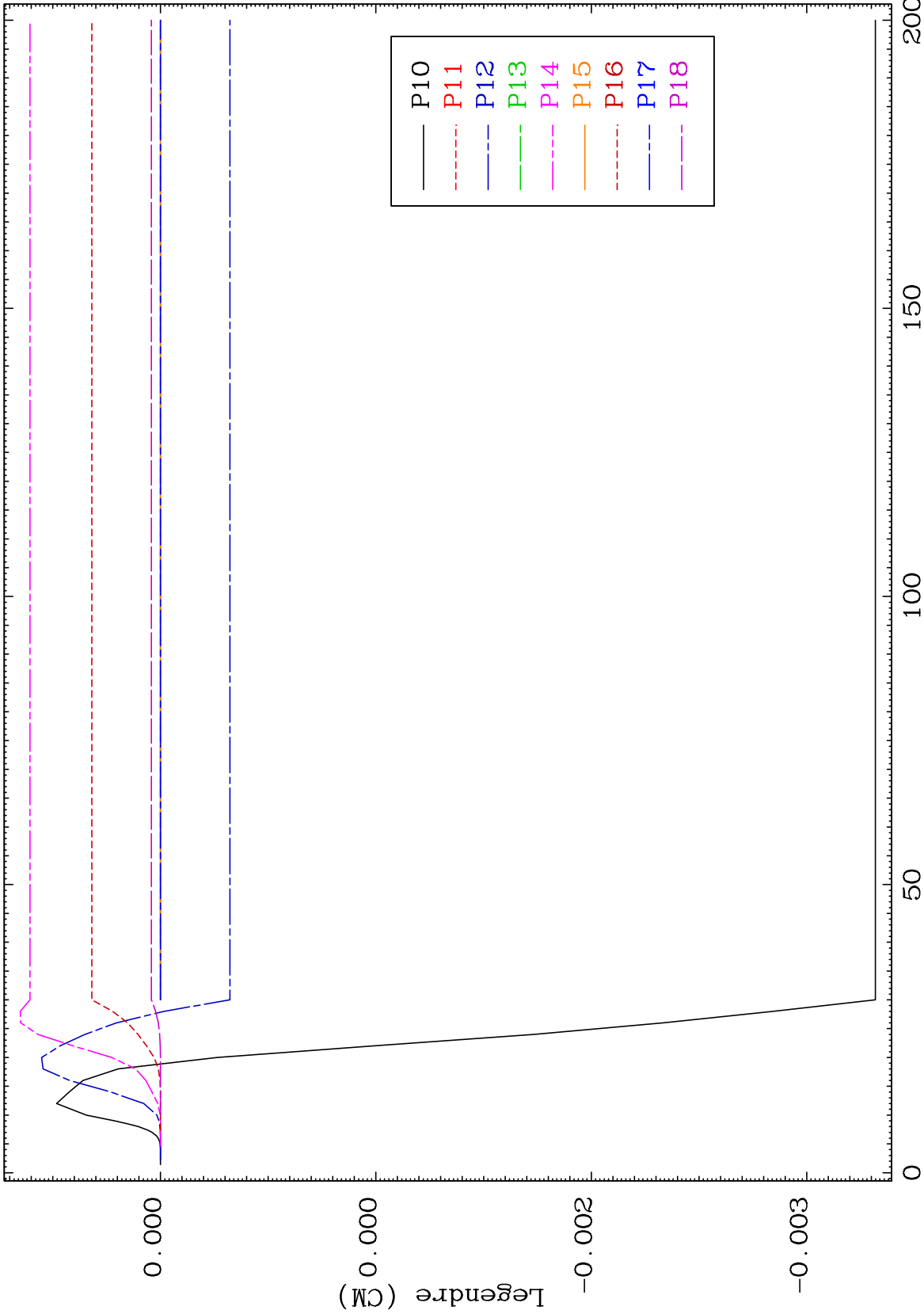


24 52-Te-118

MAT 5219

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

52-Te-118



25

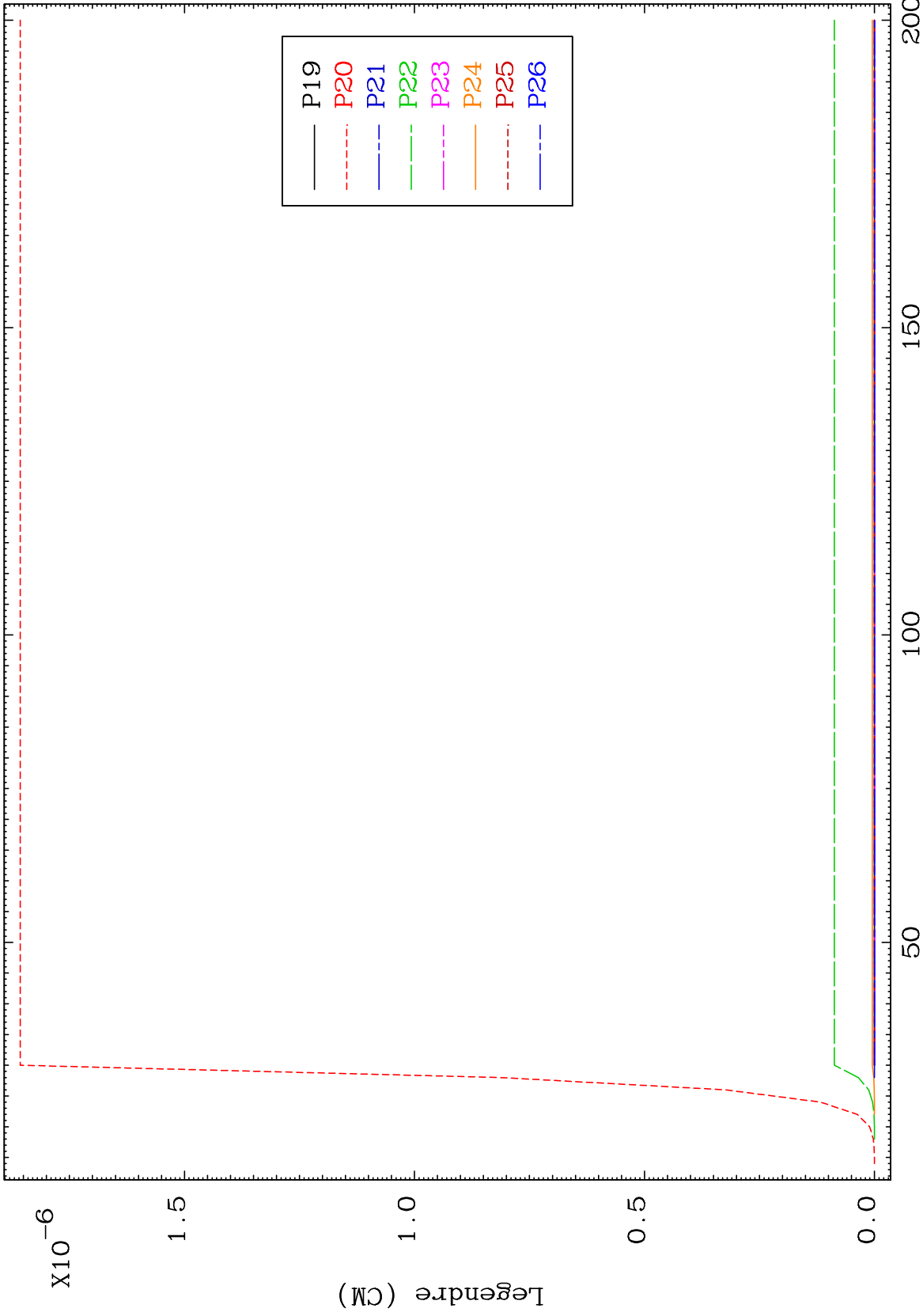
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



26

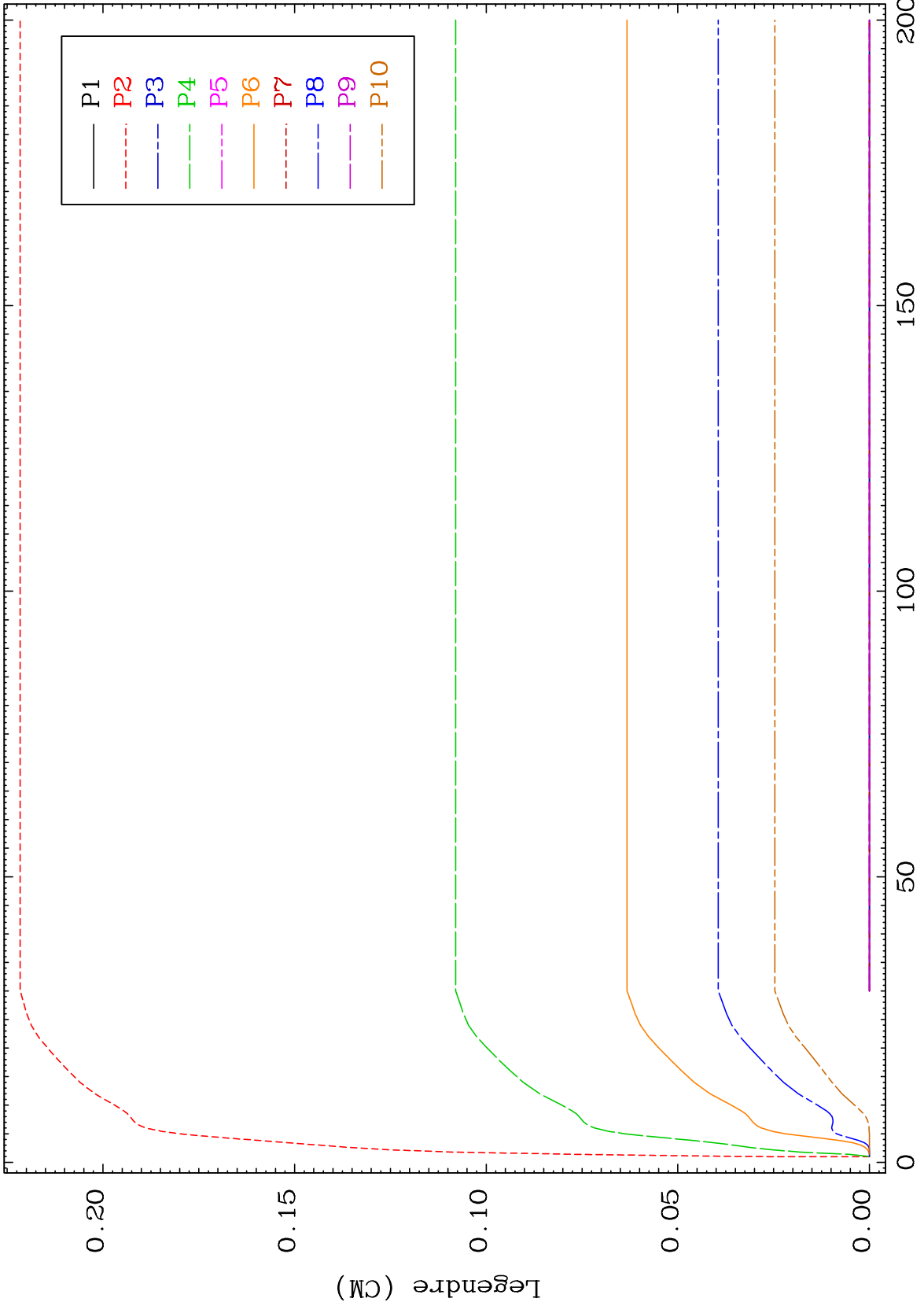
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118

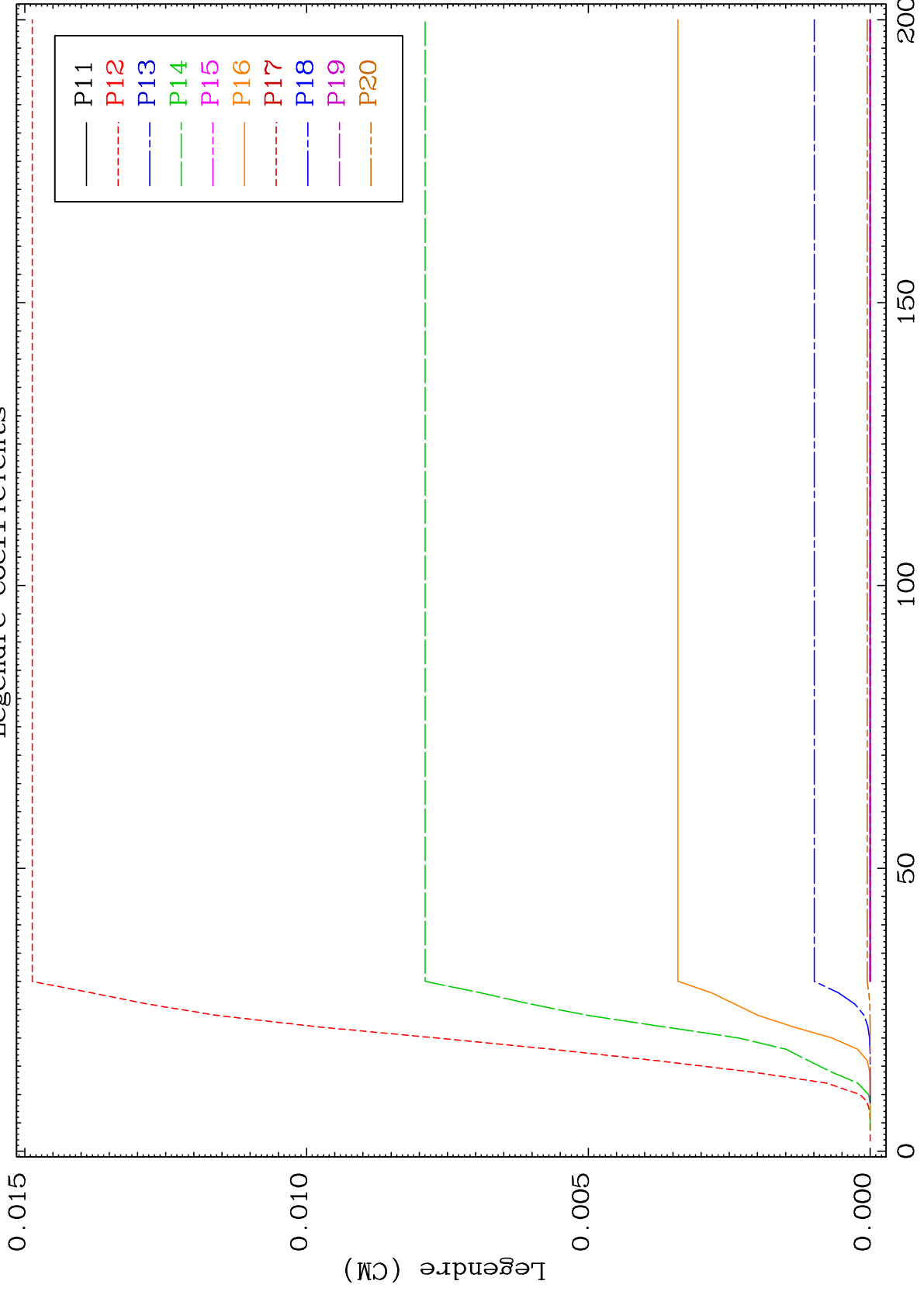


27

Incident Energy (MeV)

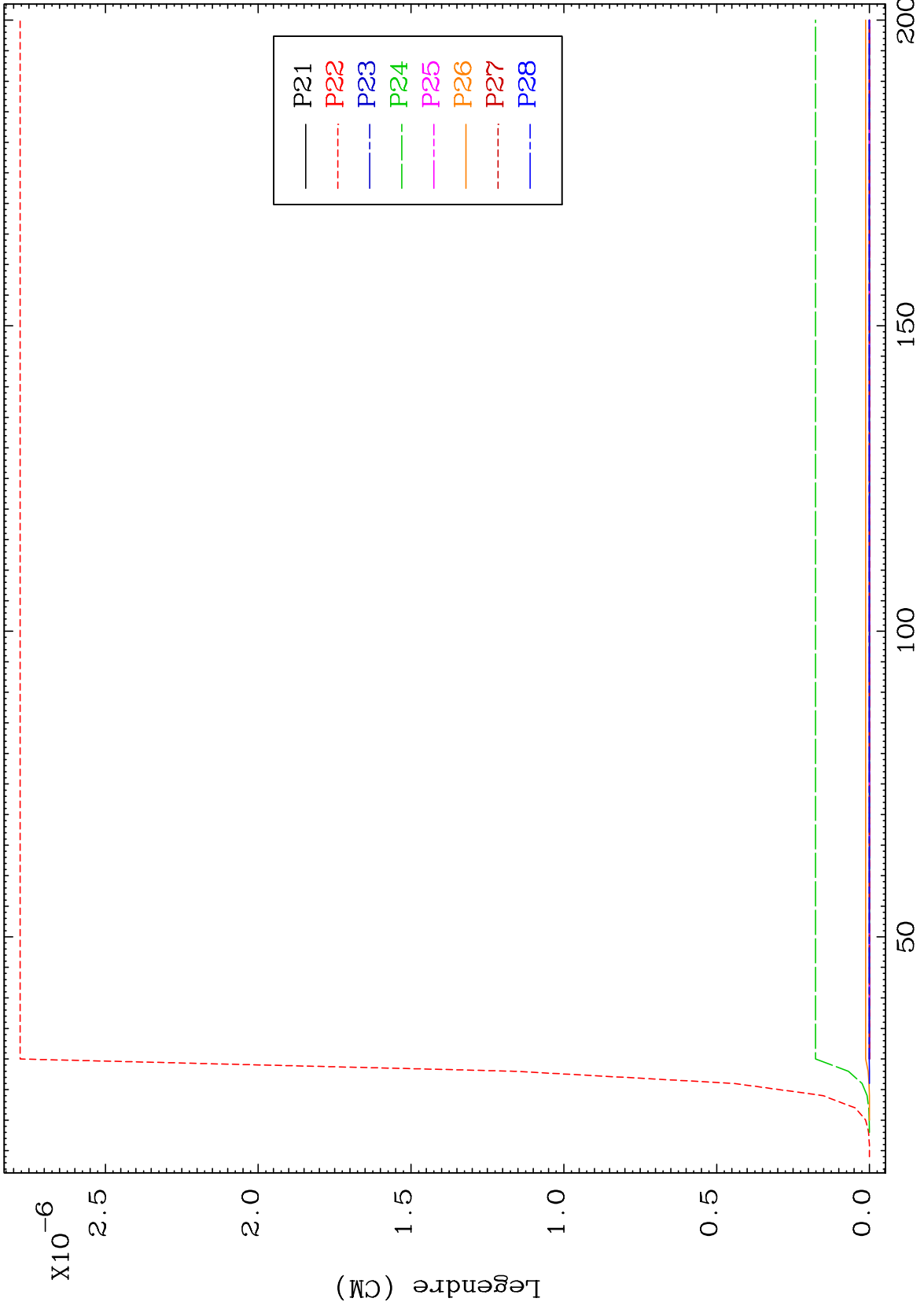
52-Te-118

MAT 5219 MT= 53 (n,n') Level Legendre Coefficients 52-Te-118



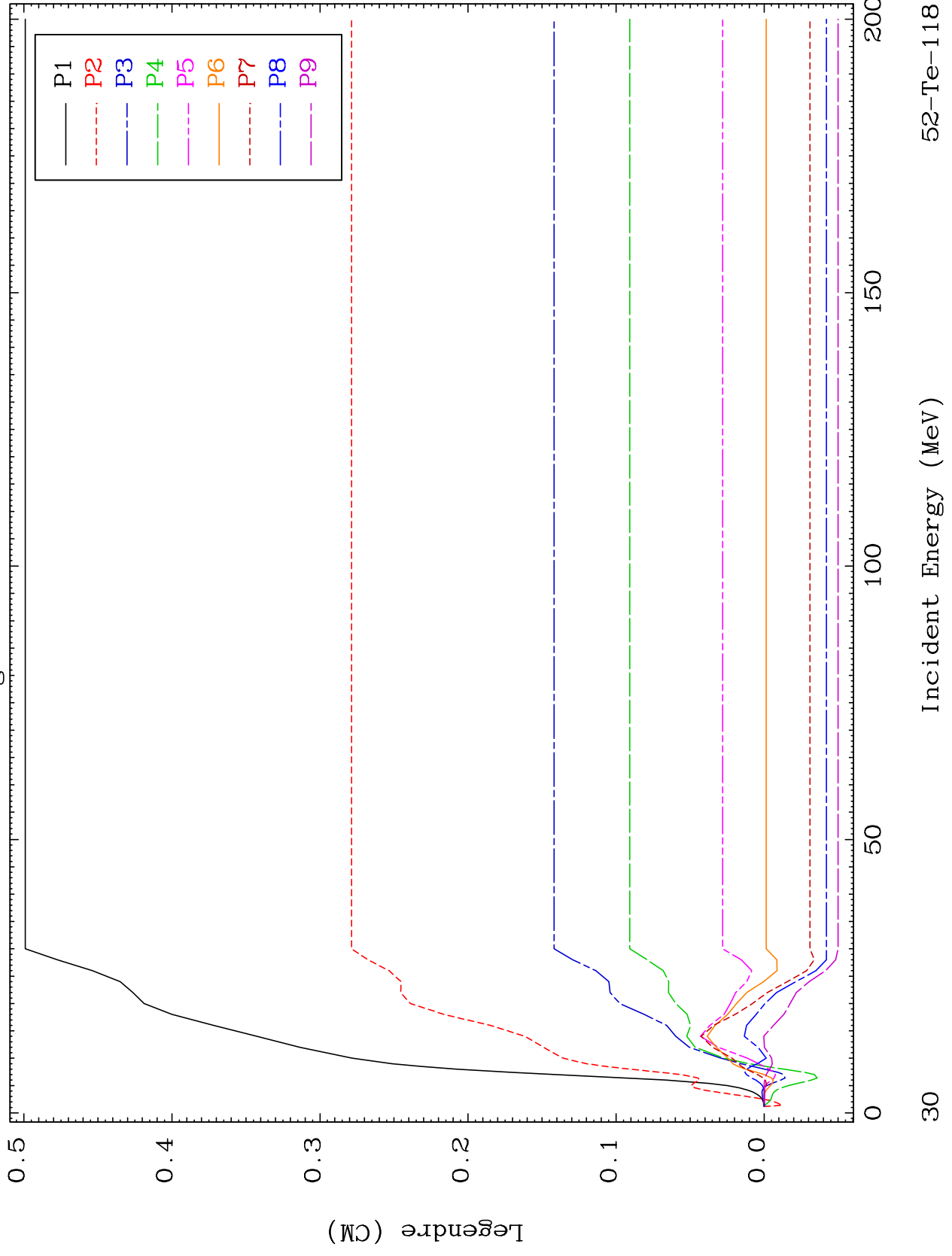
28 Incident Energy (MeV) 52-Te-118

MAT 5219 MT= 53 (n,n') Level Legendre Coefficients 52-Te-118

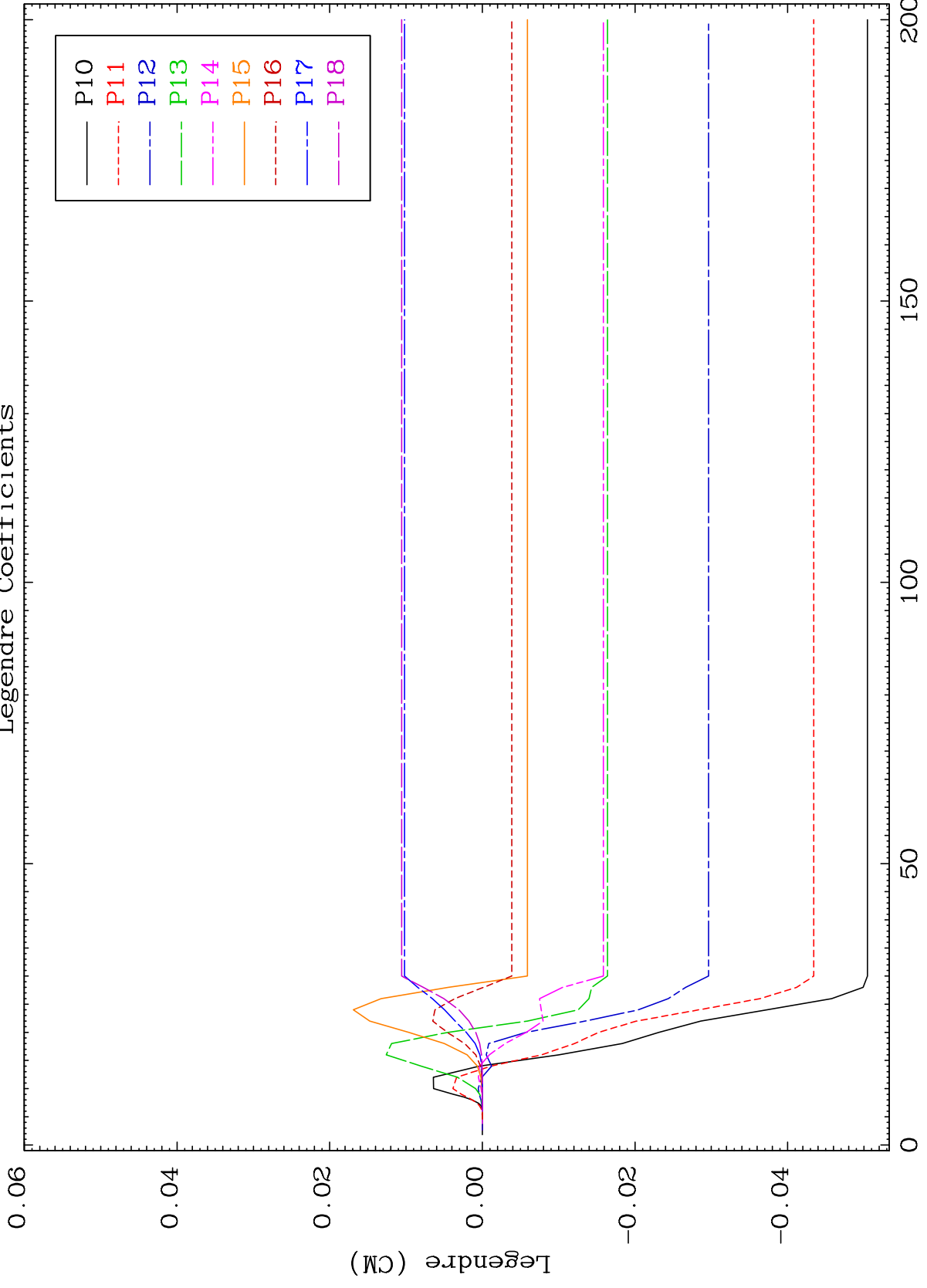


29 Incident Energy (MeV) 52-Te-118

MAT 5219 MT= 54 (n,n') Level Legendre Coefficients 52-Te-118



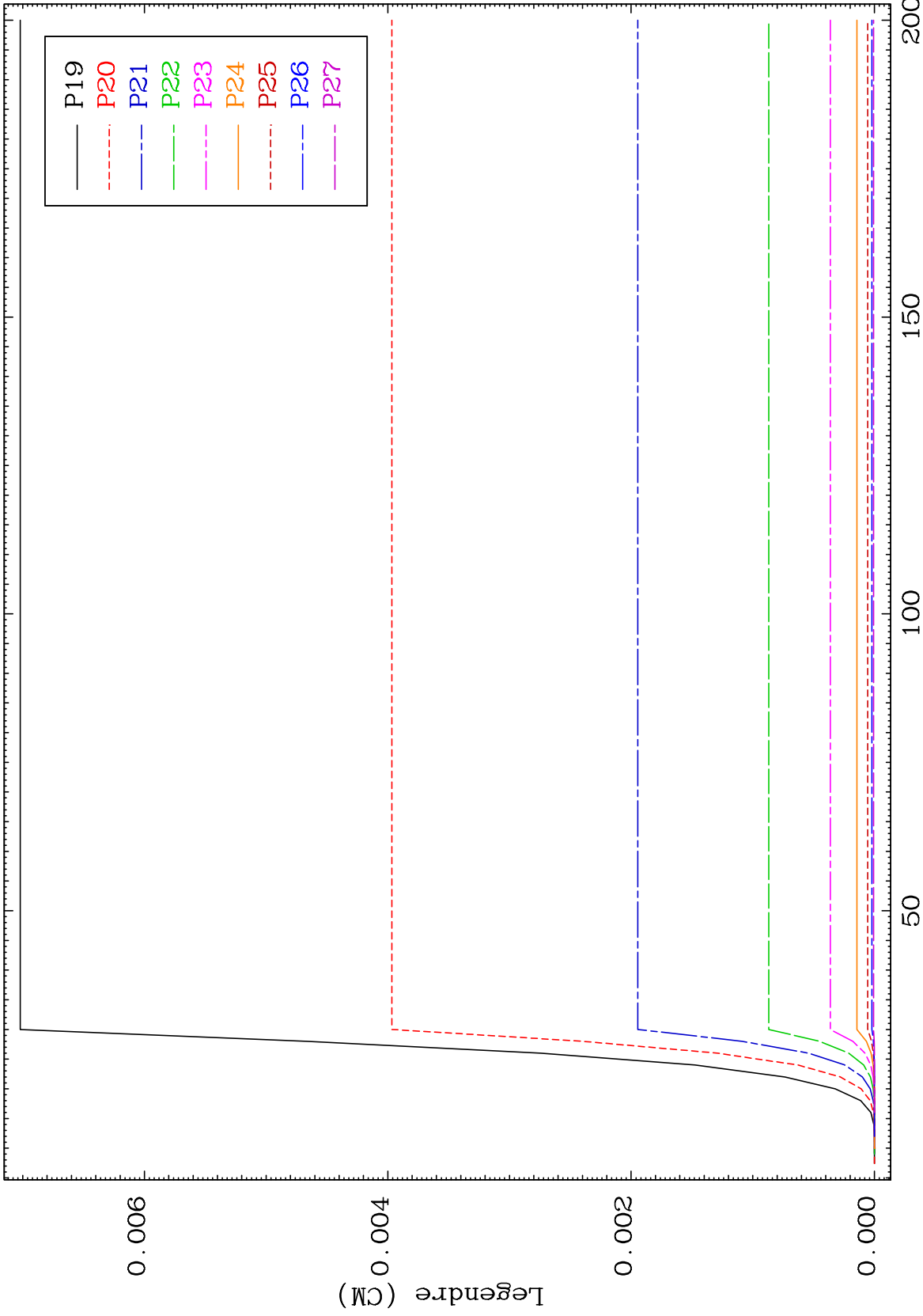
MAT 5219 MT= 54 (n,n') Level Legendre Coefficients 52-Te-118



MAT 5219

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

52-Te-118



32

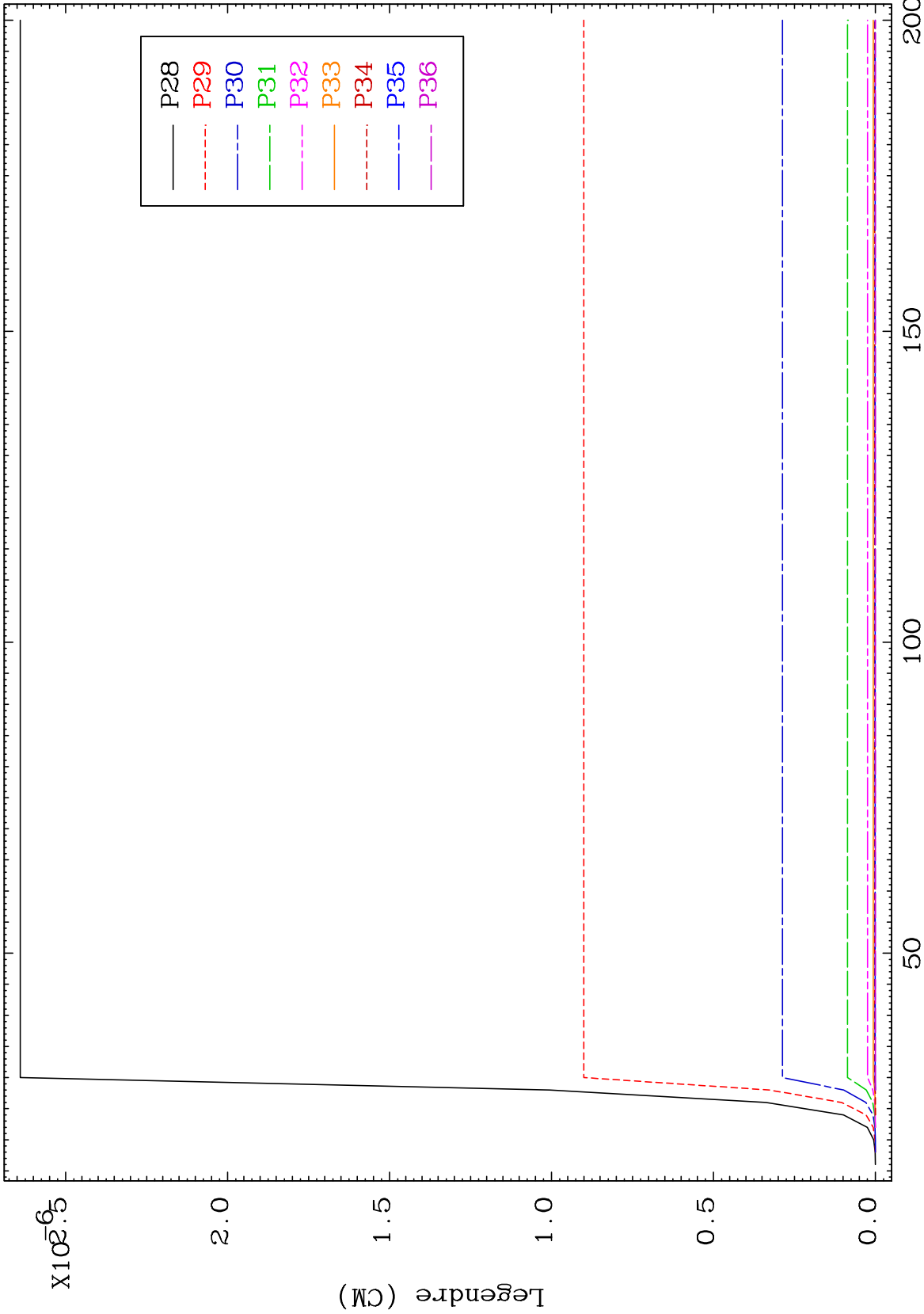
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



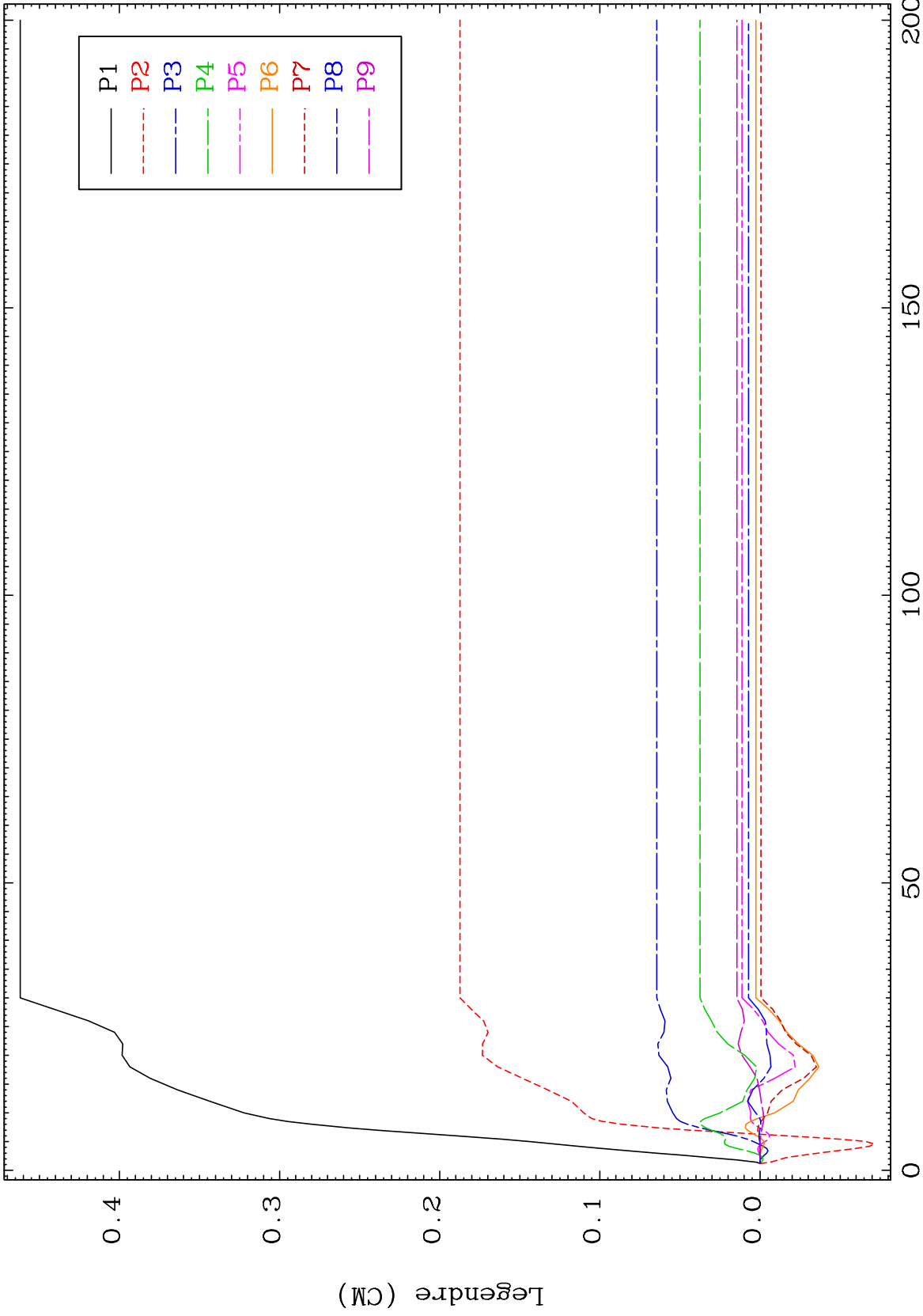
33

52-Te-118

MAT 5219

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

52-Te-118



34

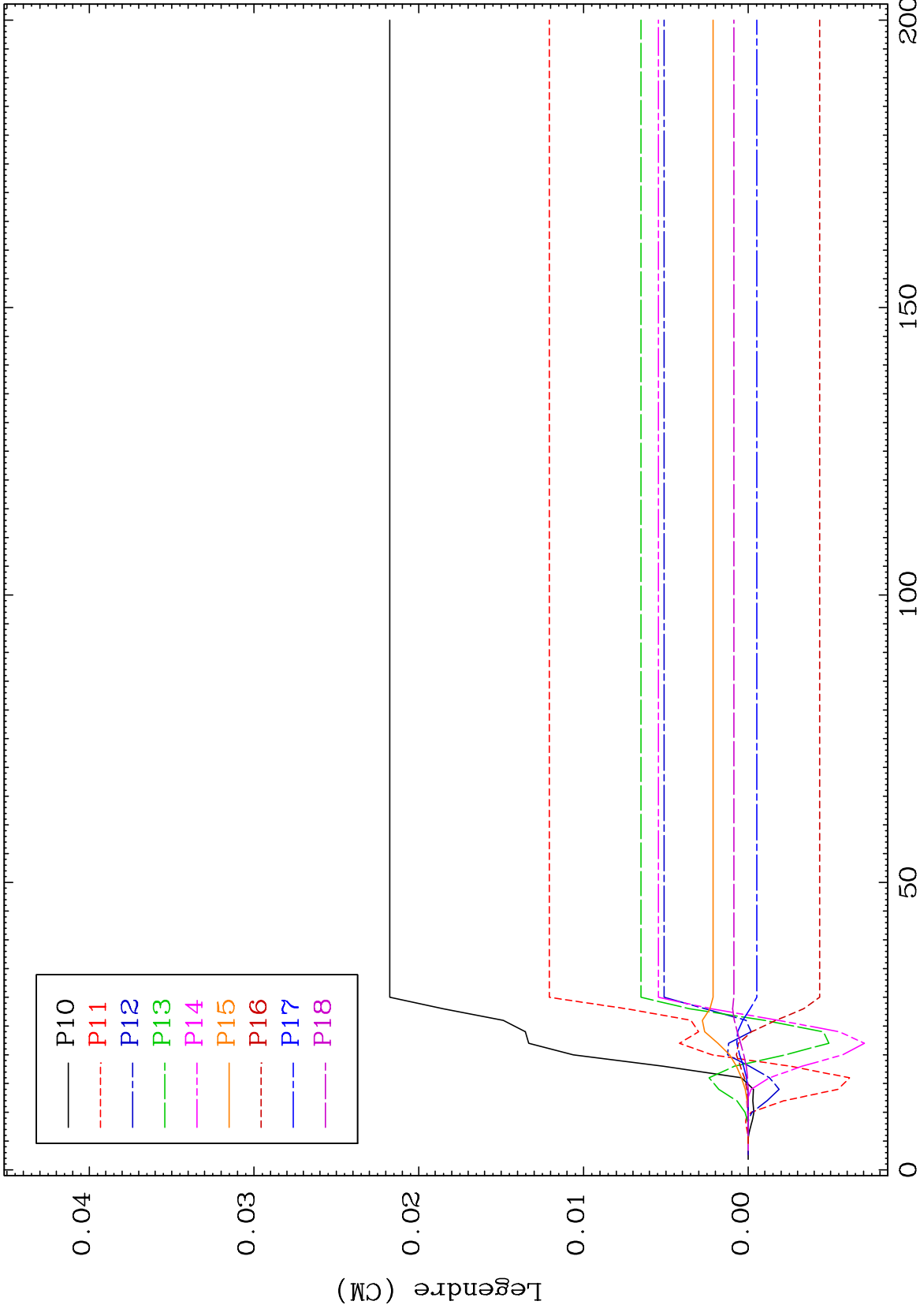
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



35

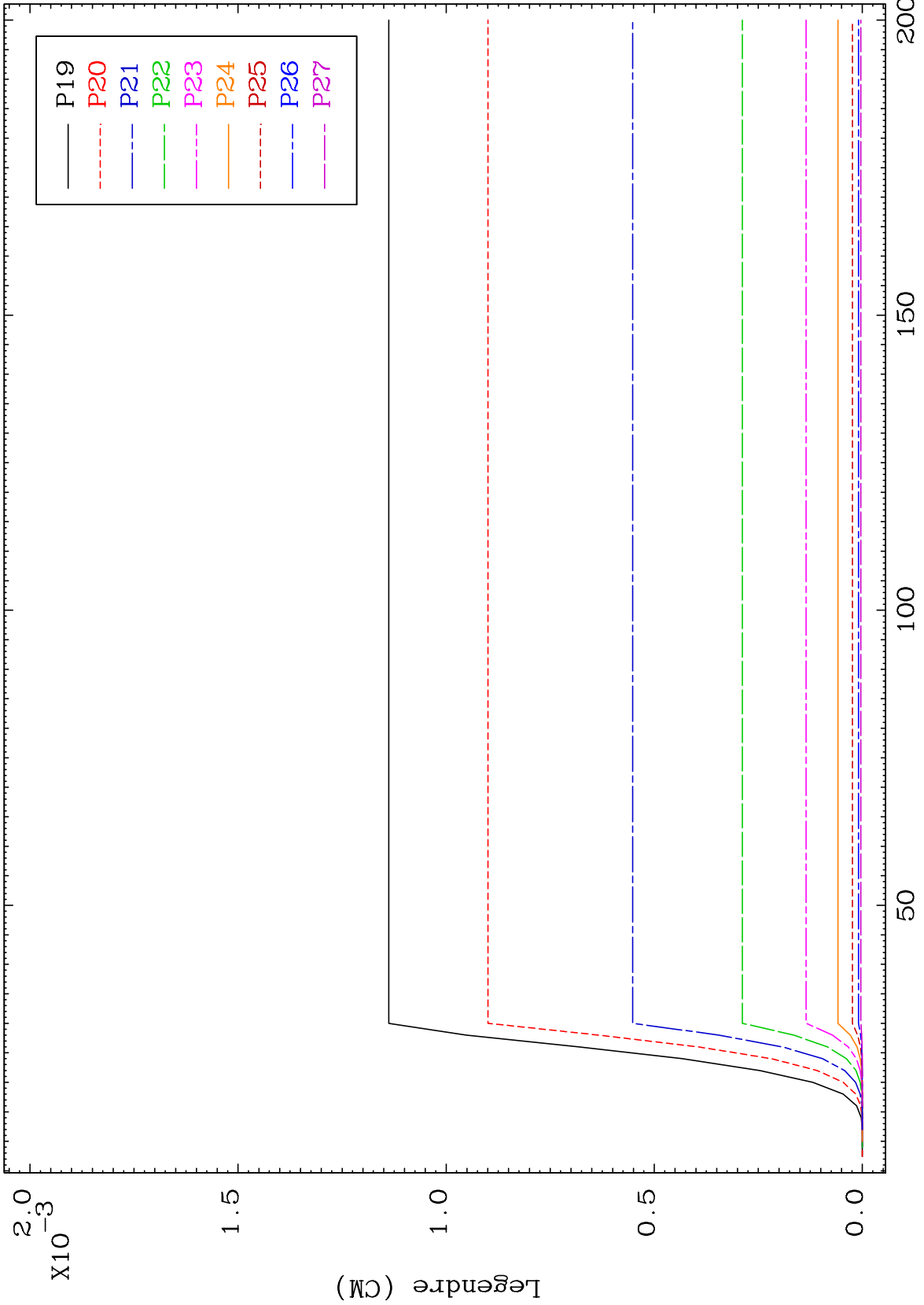
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



36

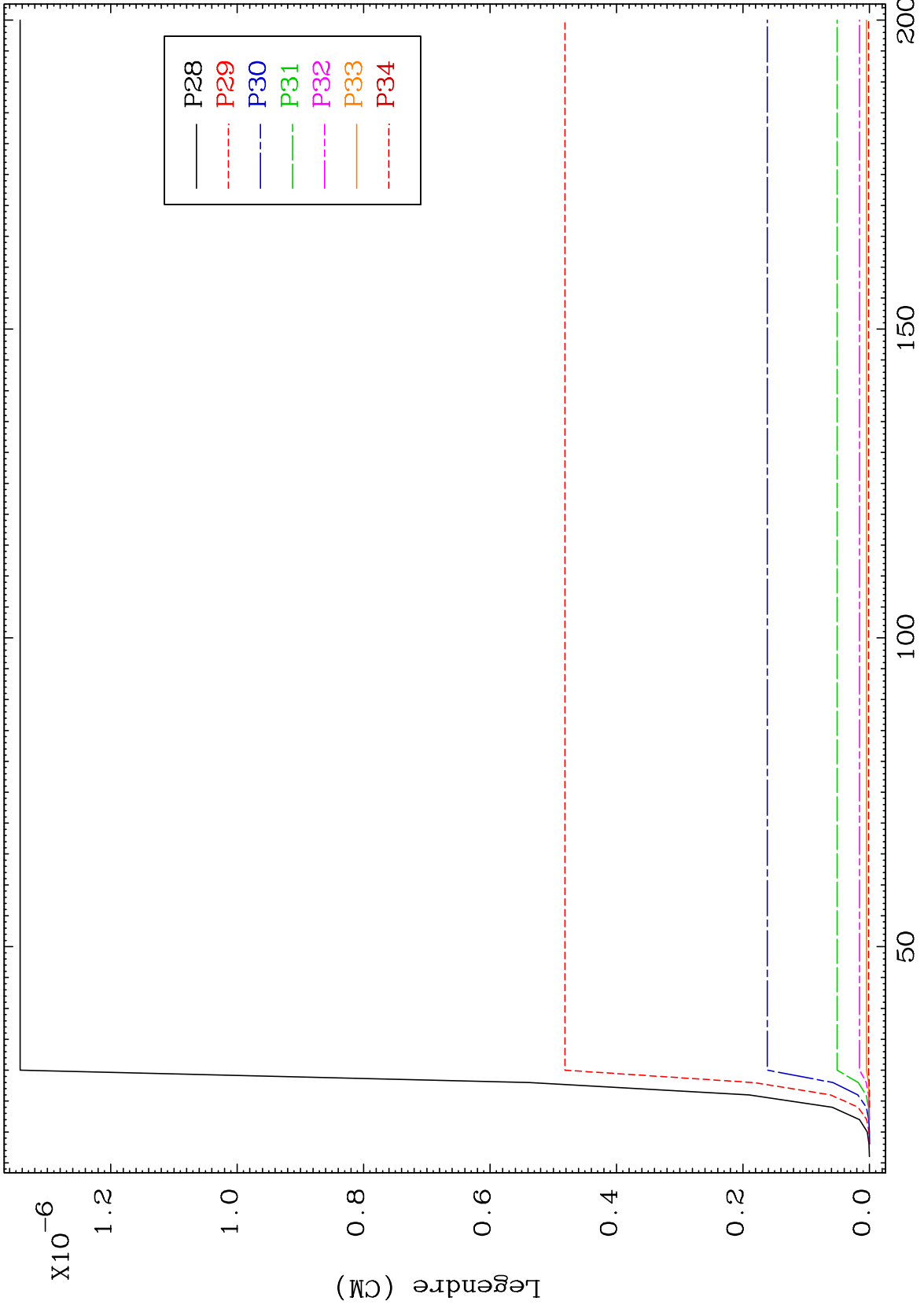
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



37

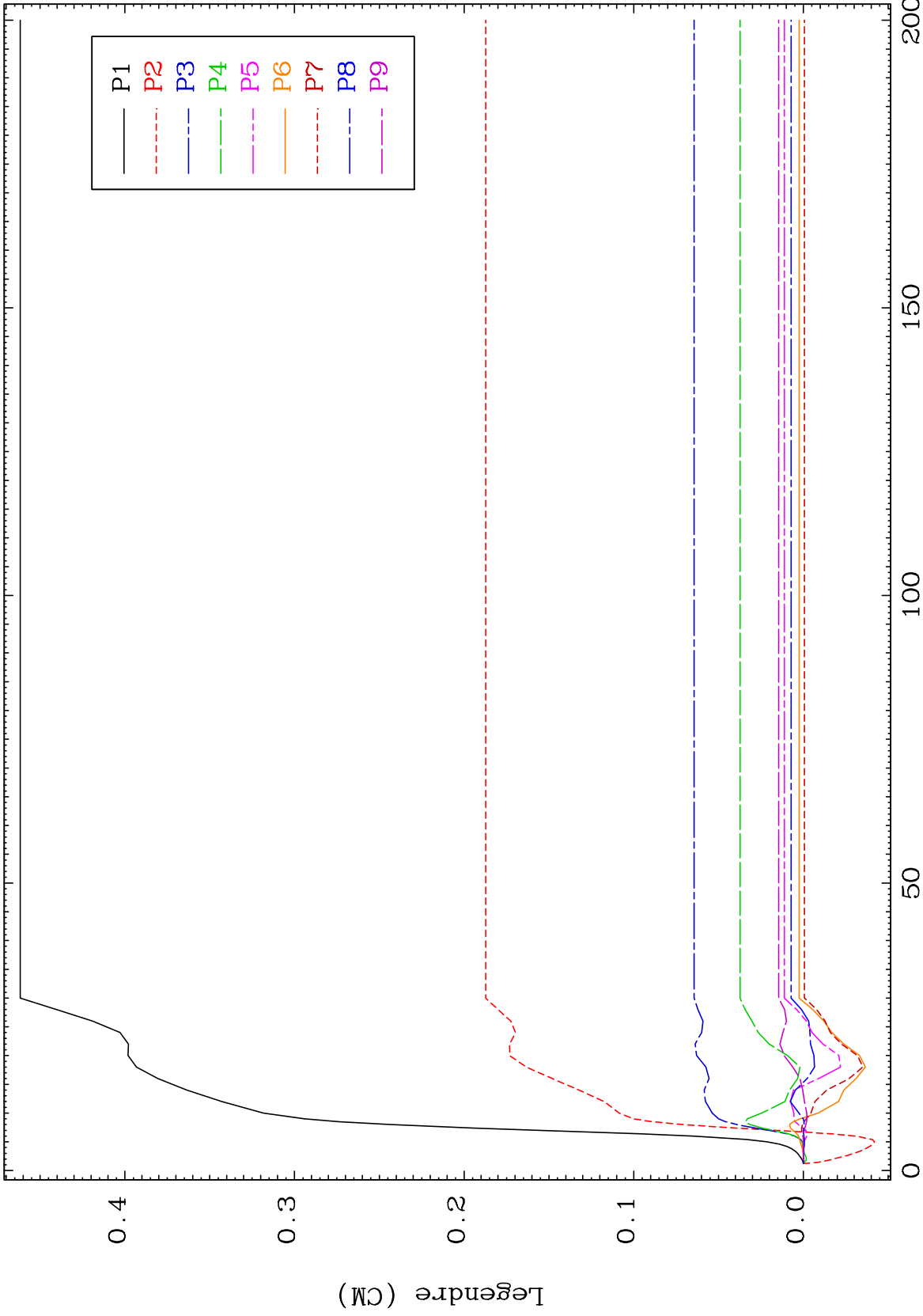
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



38

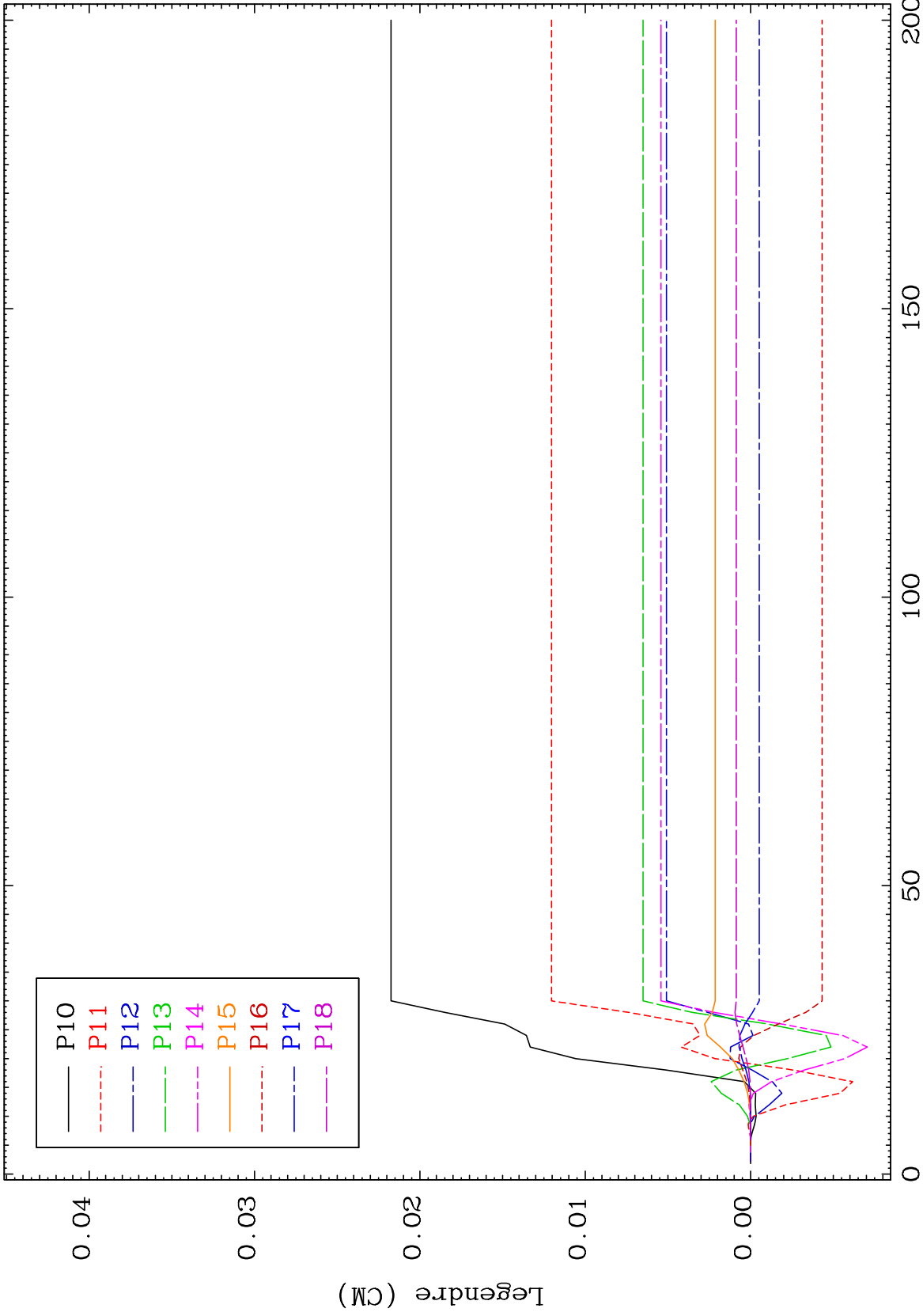
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



39

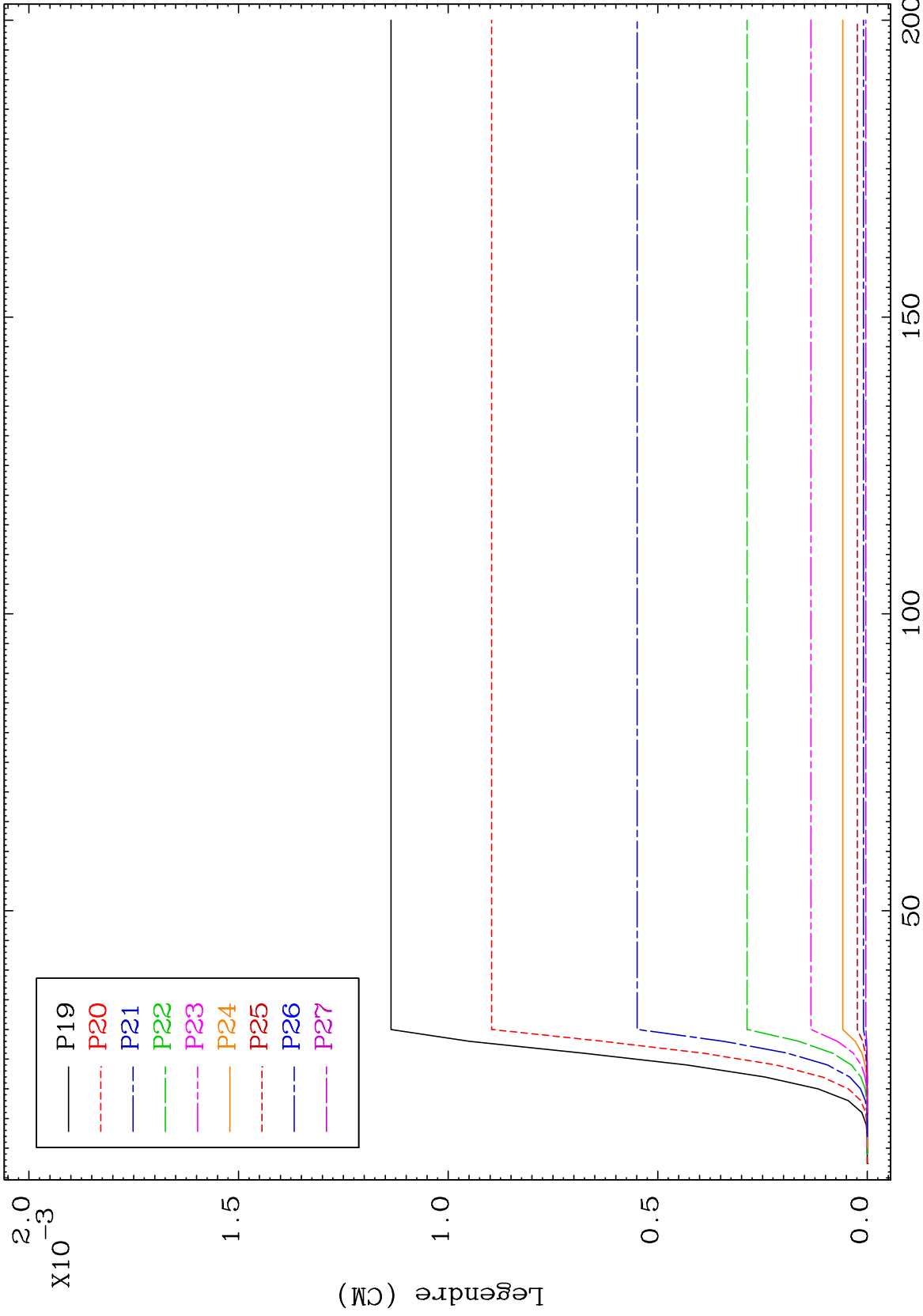
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



40

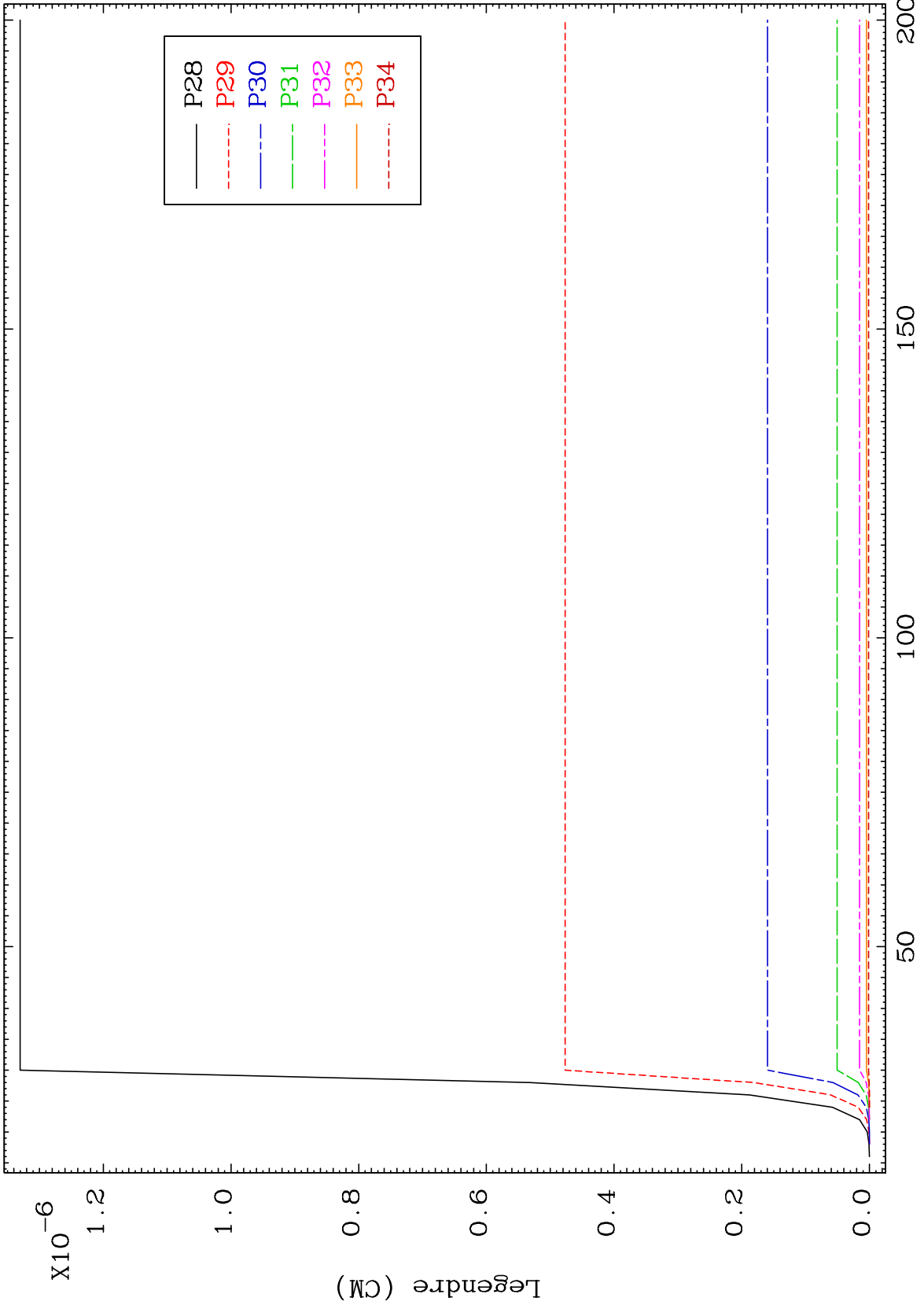
Incident Energy (MeV)

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MAT 5219

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

52-Te-118

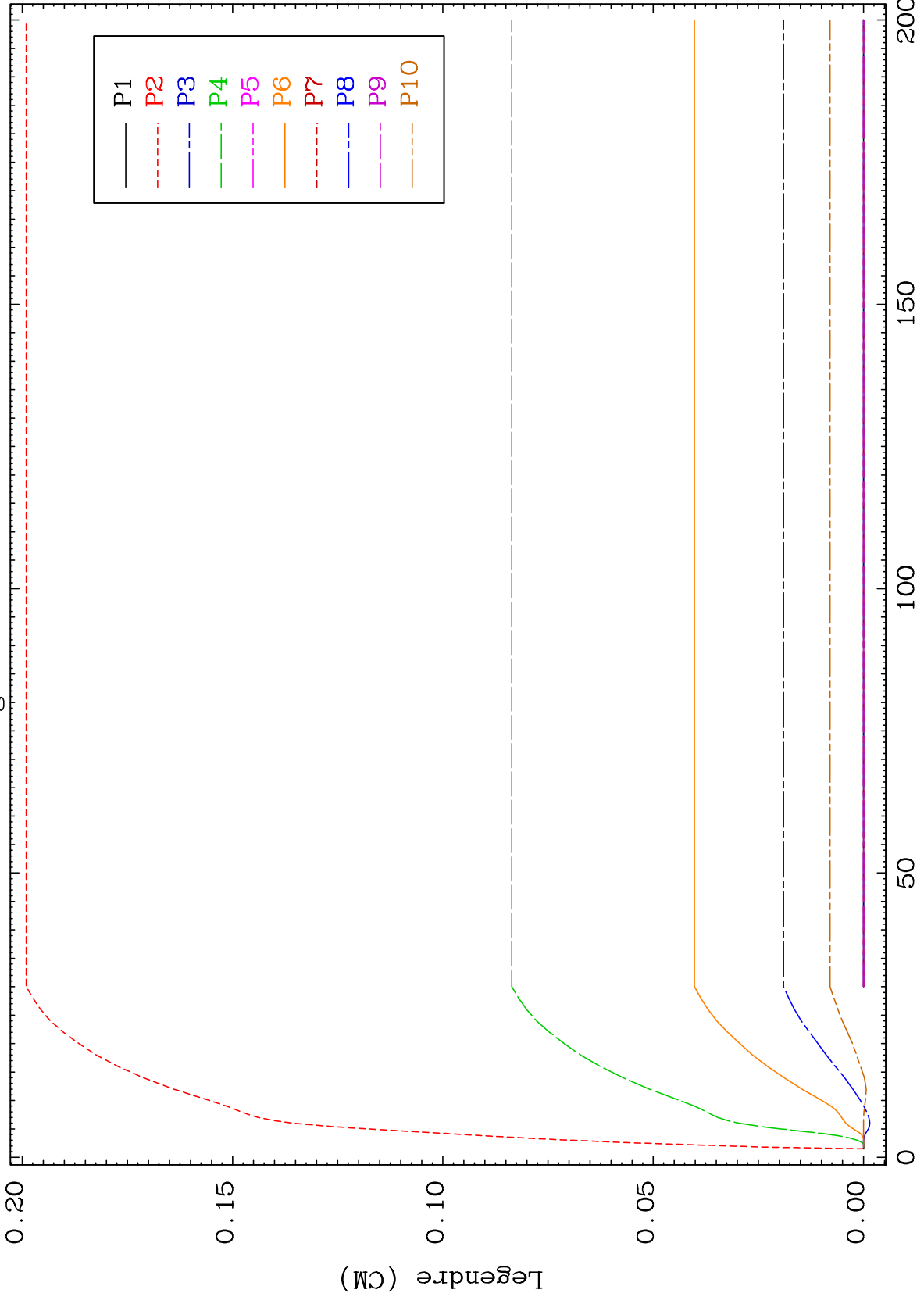


41

Incident Energy (MeV)

52-Te-118

MAT 5219 MT= 57 (n,n') Level Legendre Coefficients 52-Te-118

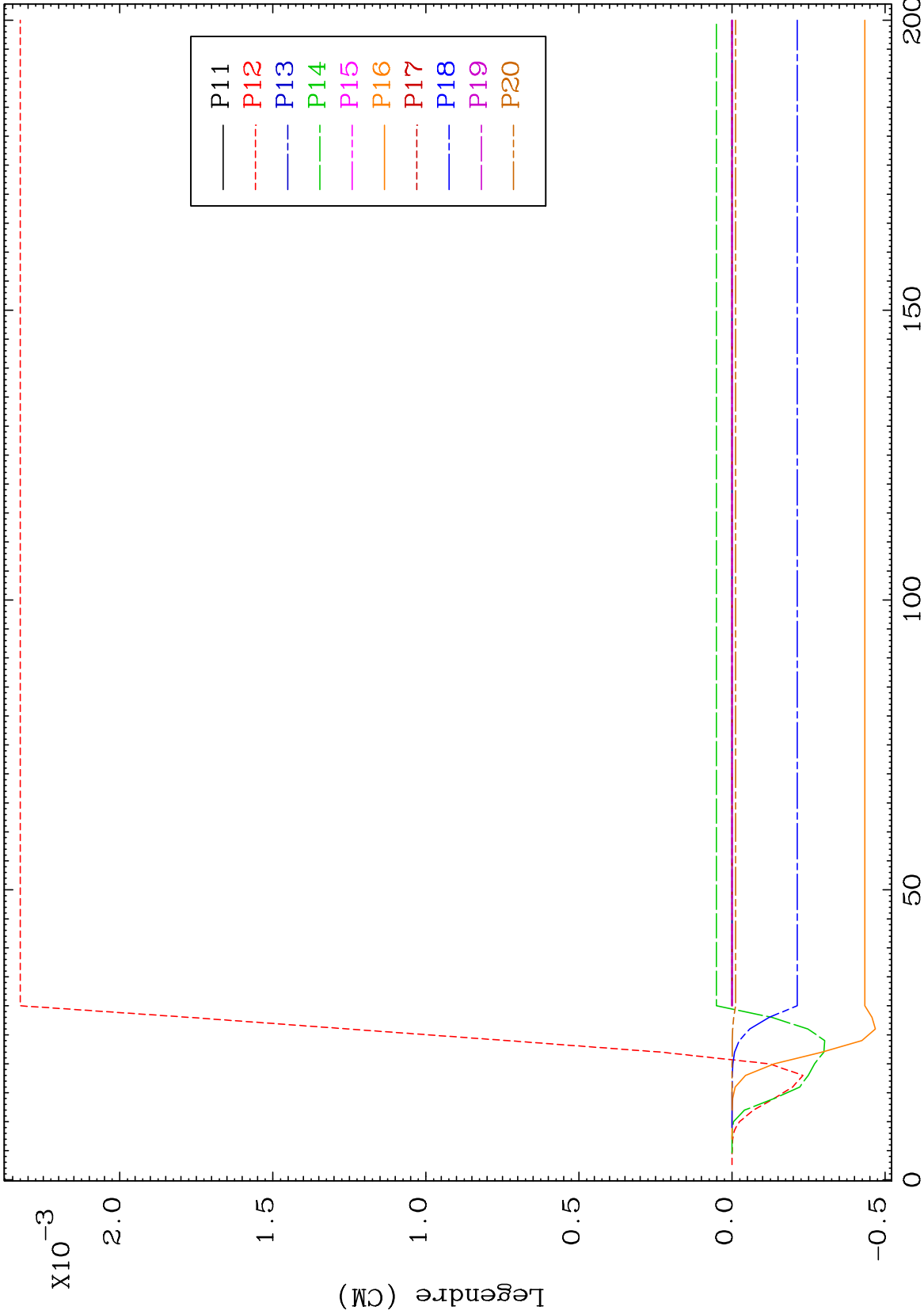


42 52-Te-118

MAT 5219

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

52-Te-118

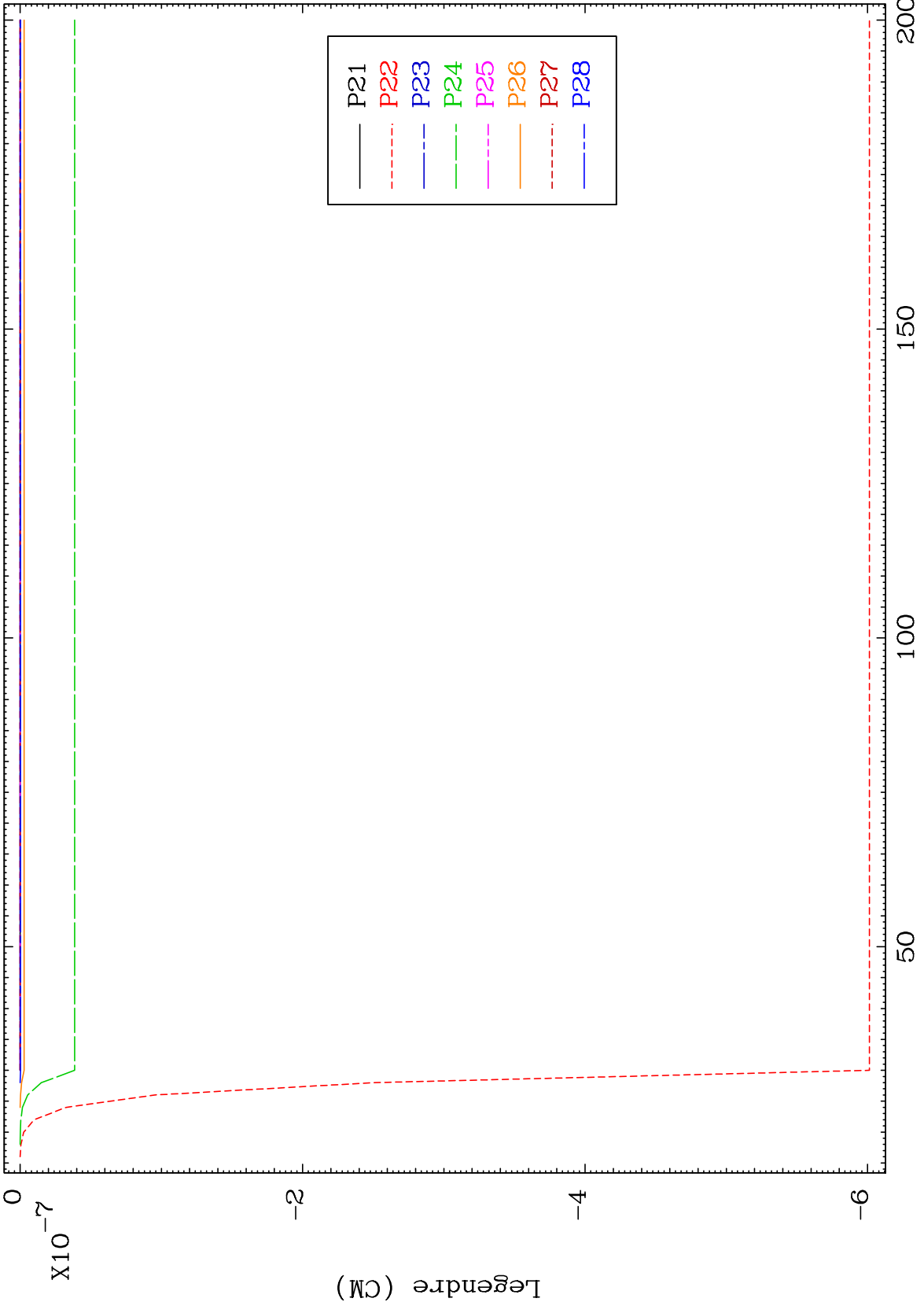


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Incident Energy (MeV)

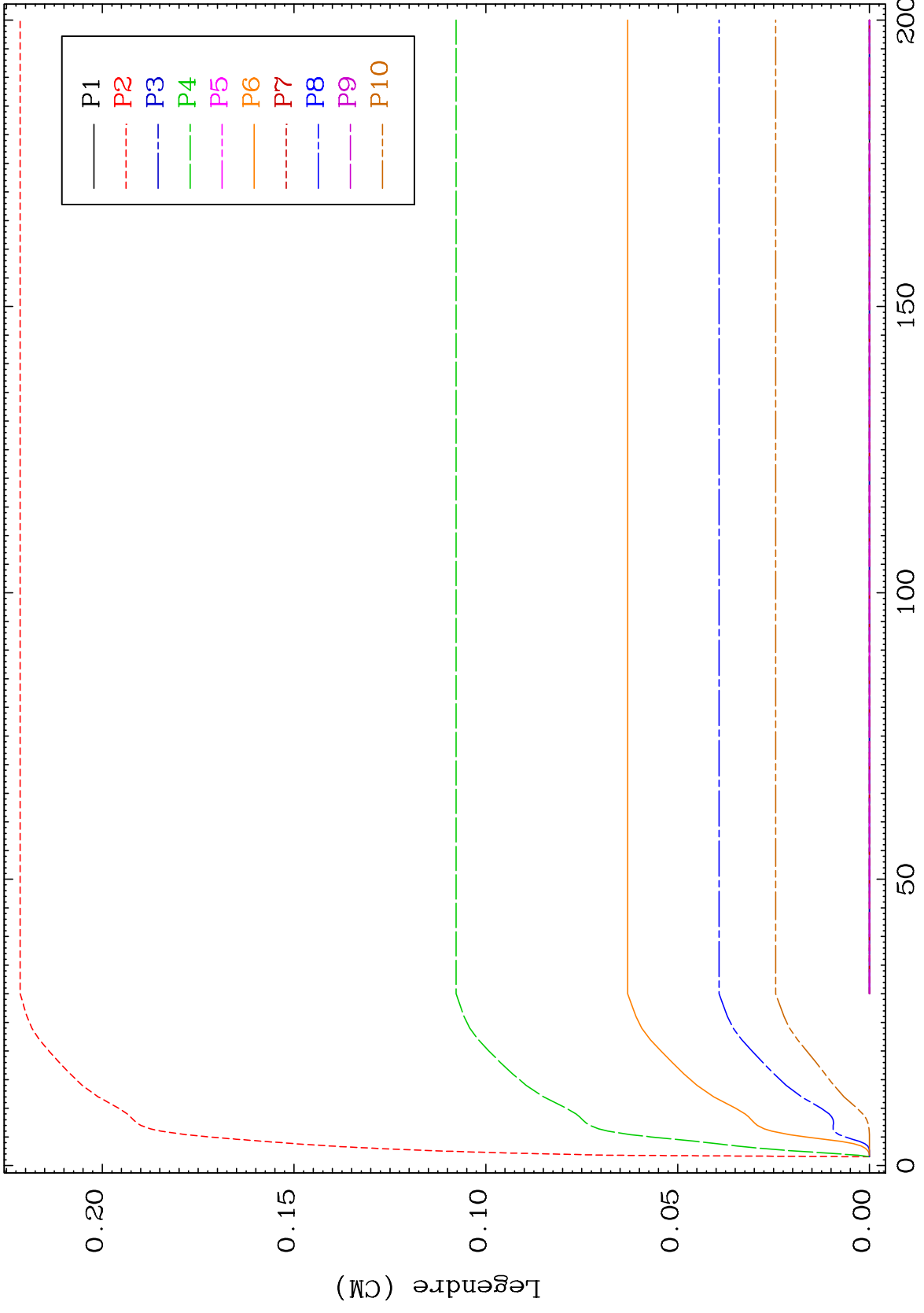
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MAT 5219 MT= 57 (n,n') Level Legendre Coefficients 52-Te-118



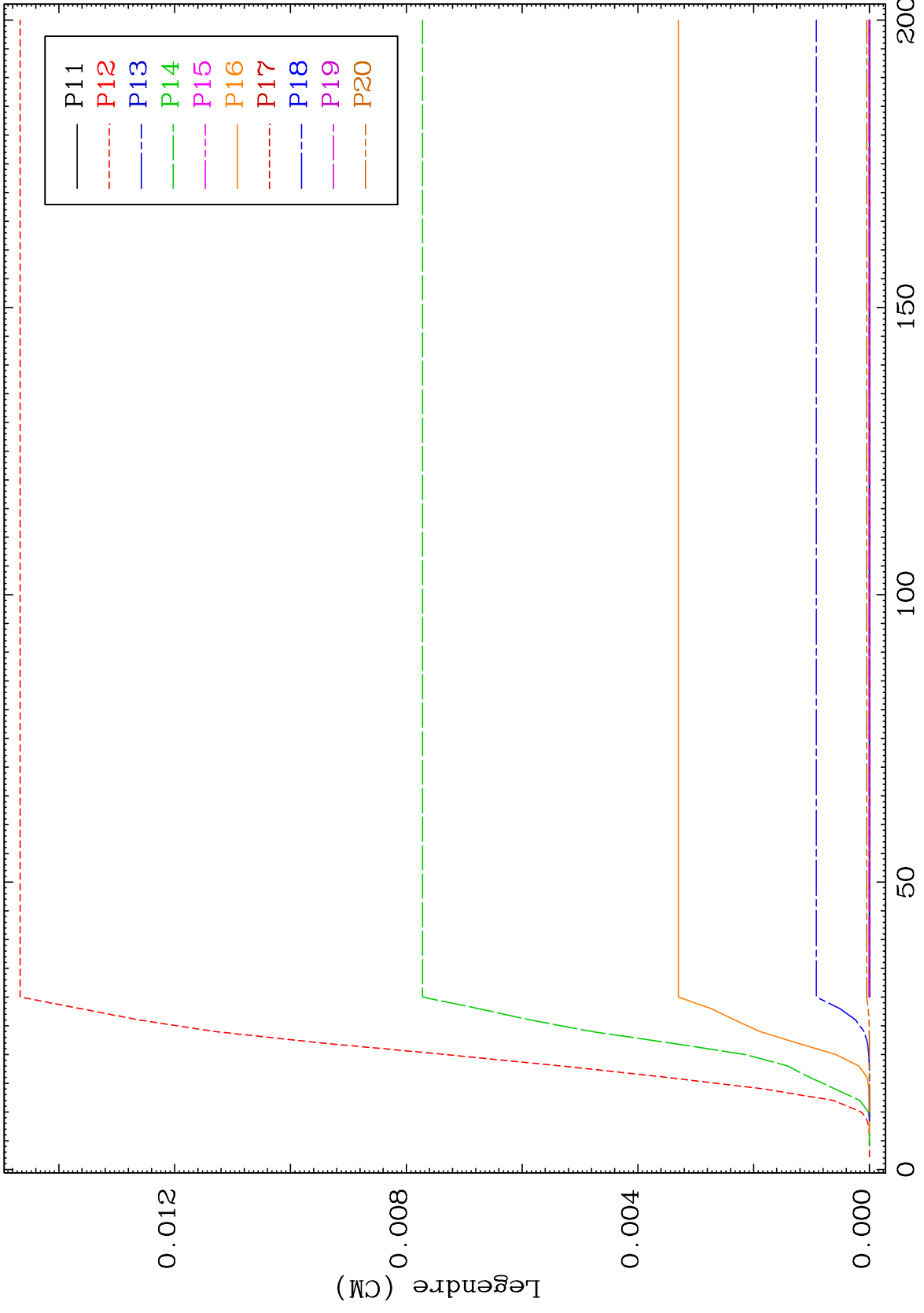
44 52-Te-118

MAT 5219 MT= 58 (n,n') Level Legendre Coefficients 52-Te-118



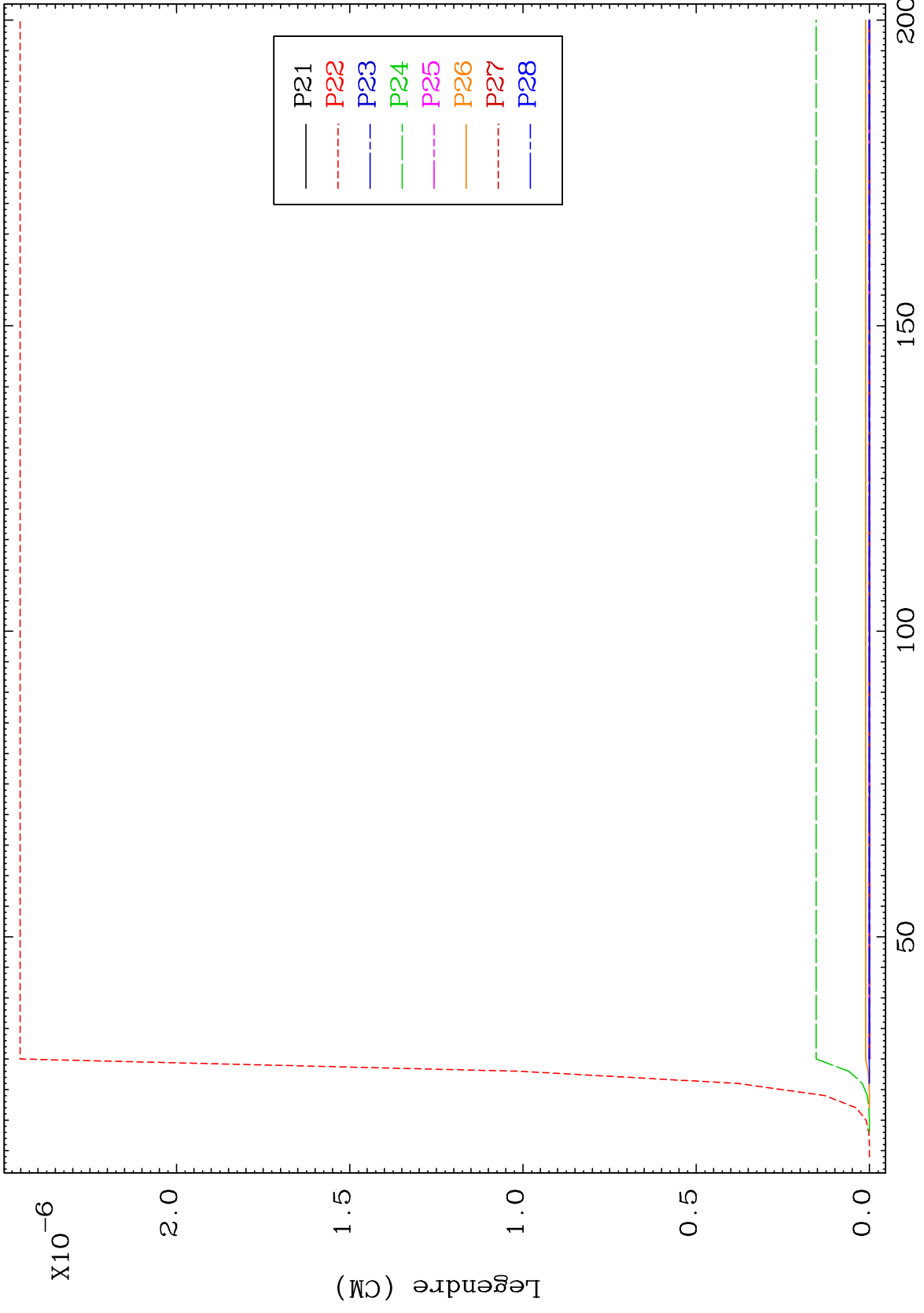
45 52-Te-118

MAT 5219 MT= 58 (n,n') Level Legendre Coefficients 52-Te-118



46 Incident Energy (MeV) 52-Te-118

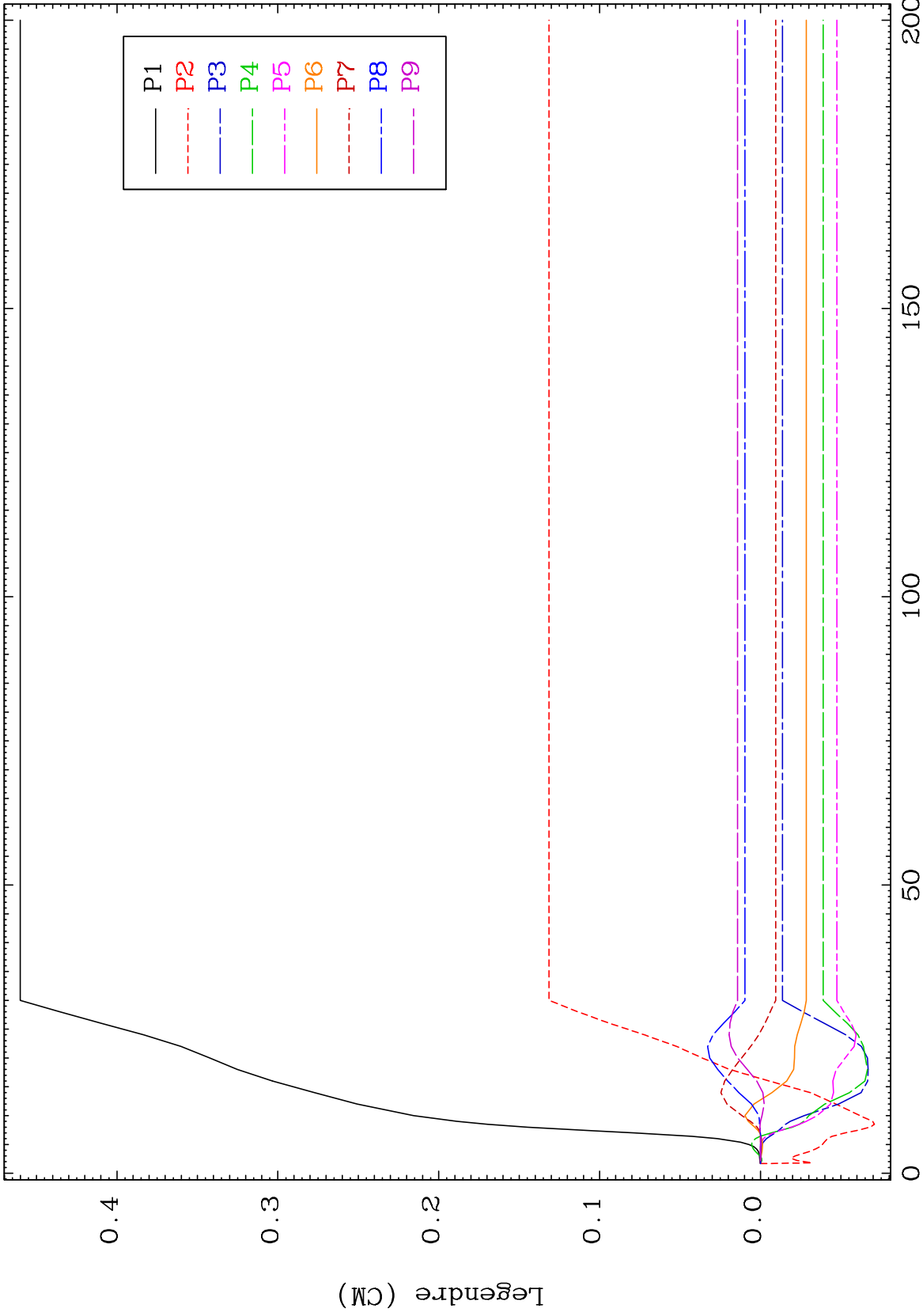
MAT 5219 MT= 58 (n,n') Level Legendre Coefficients 52-Te-118



MAT 5219

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

52-Te-118



48

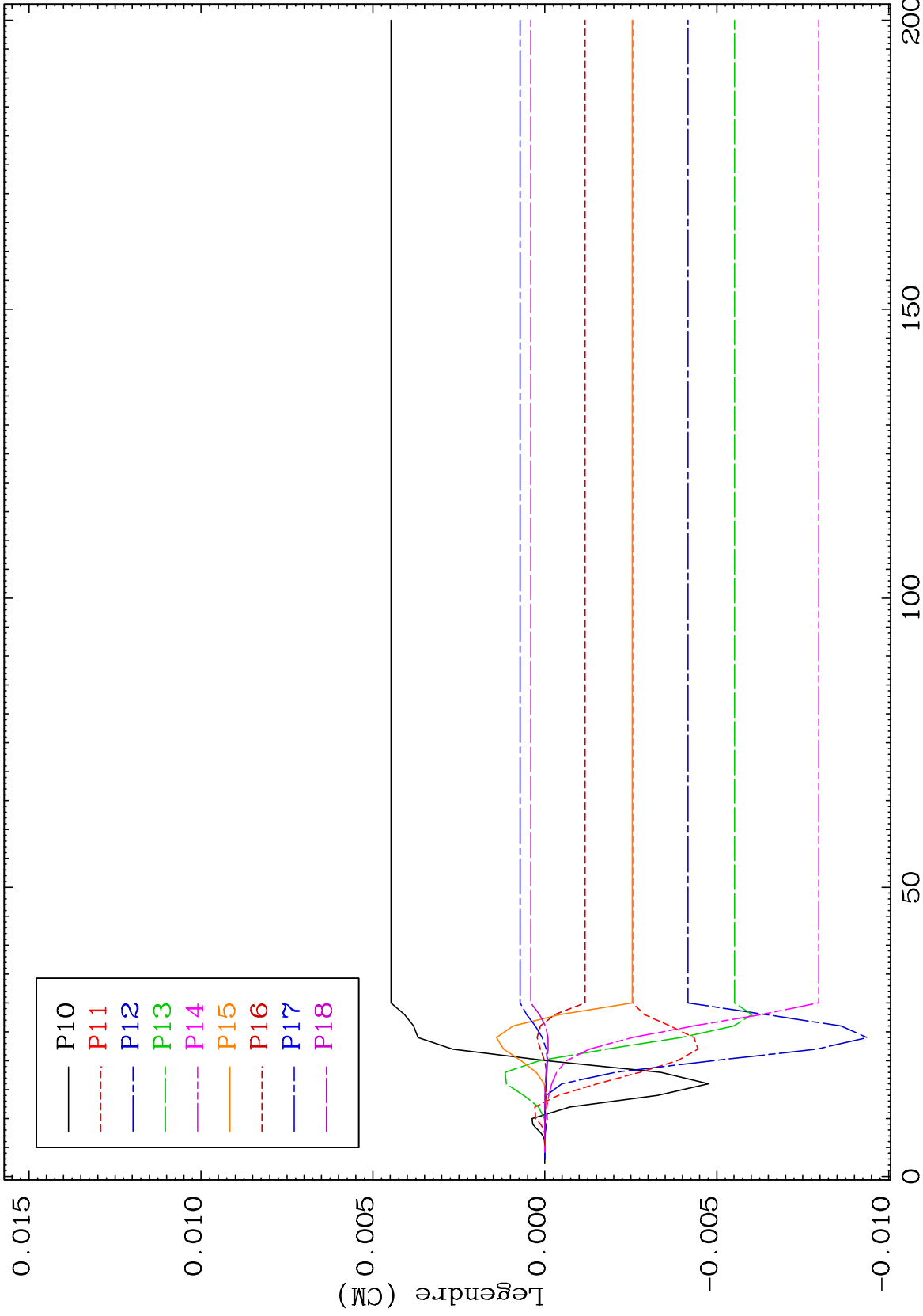
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



49

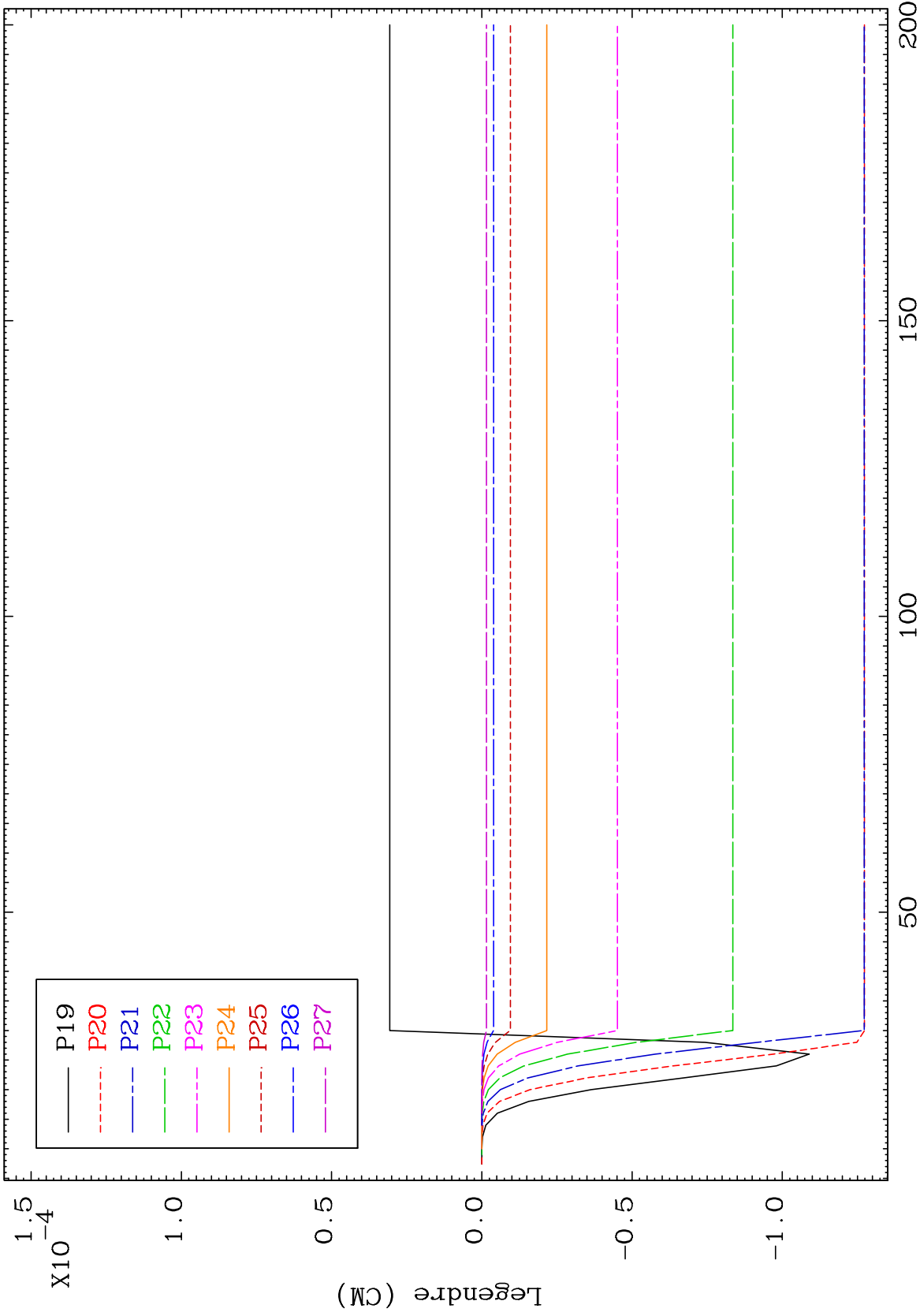
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



50

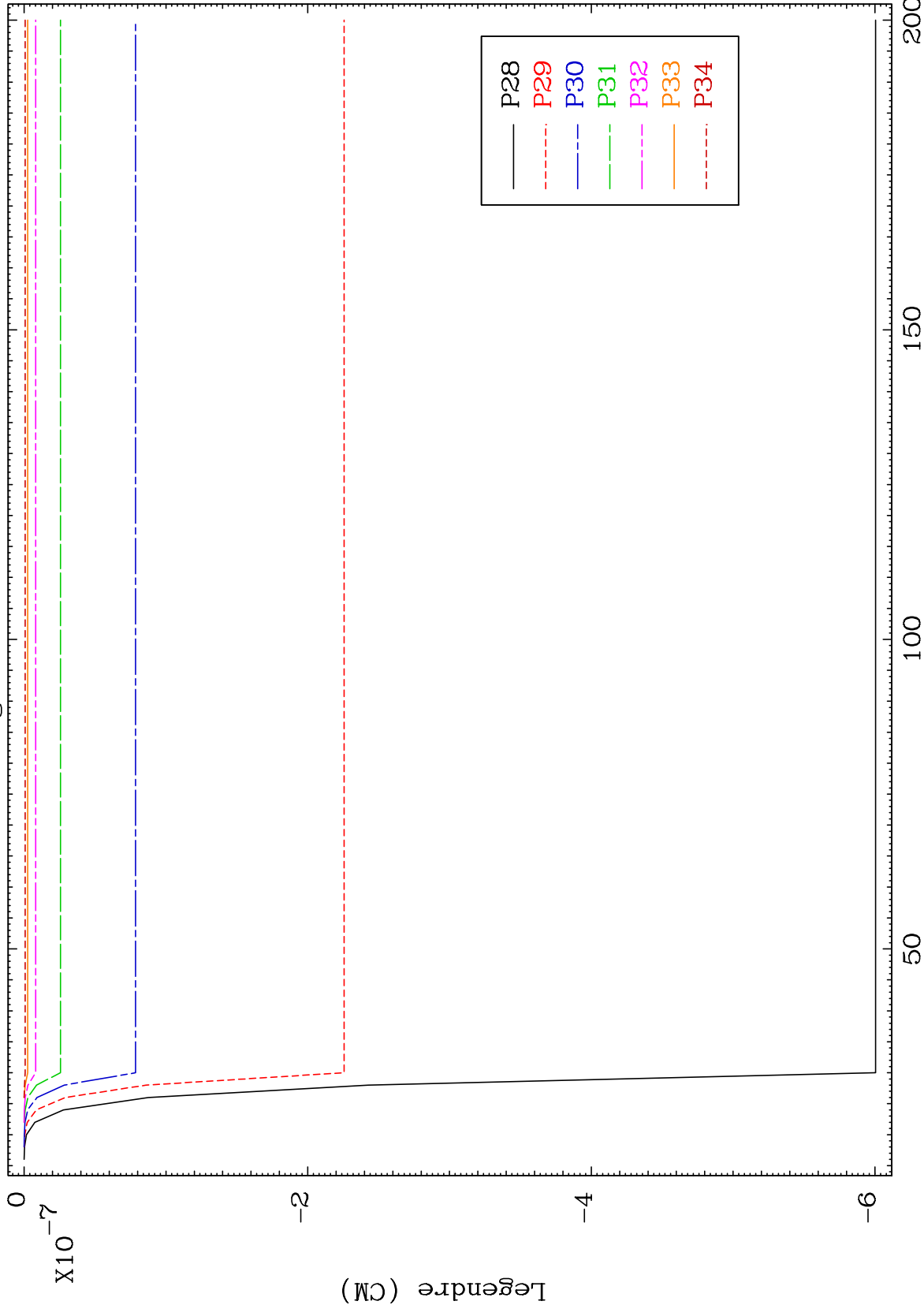
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



52-Te-118

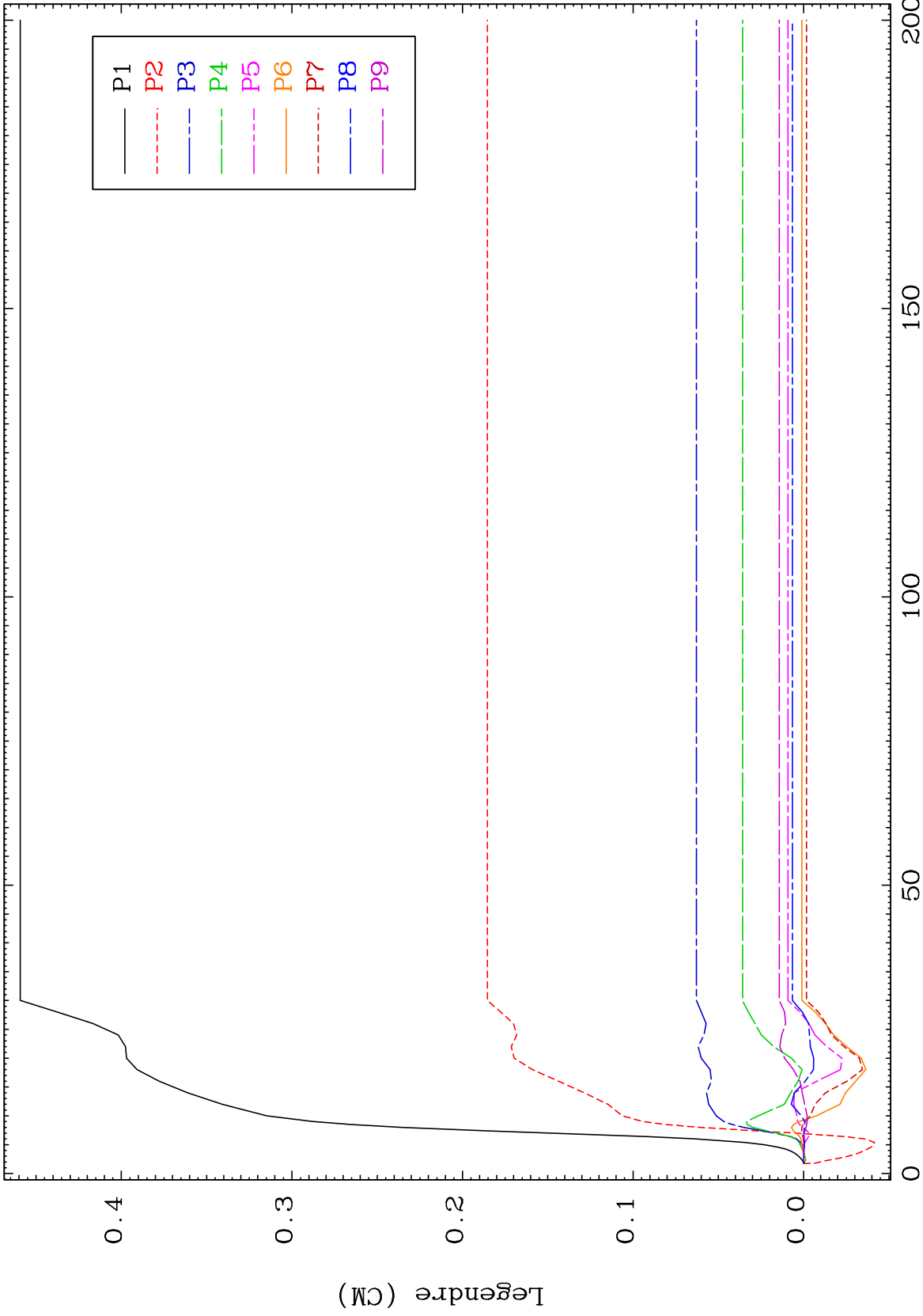
Incident Energy (MeV)

51

MAT 5219

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

52-Te-118



52

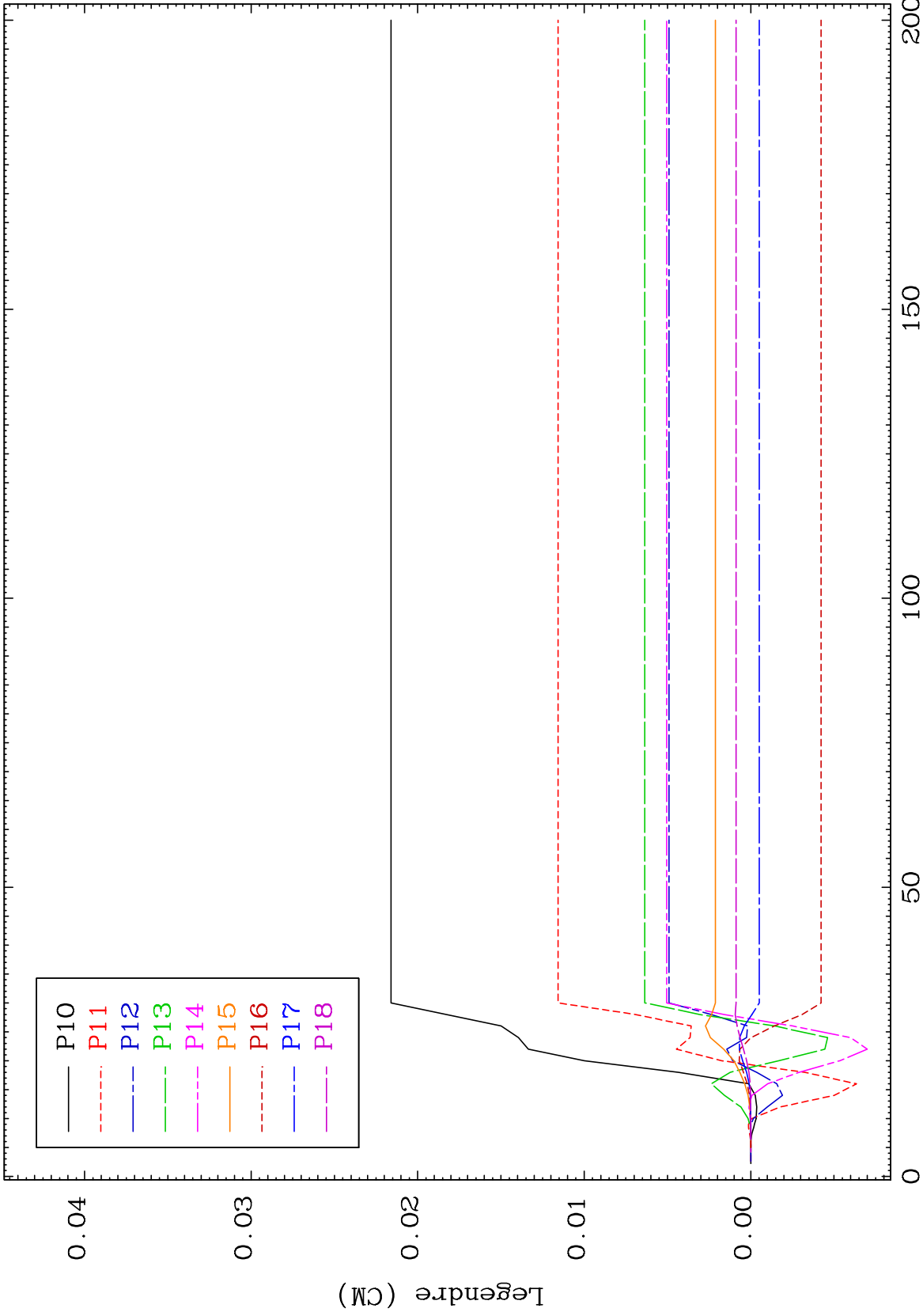
Incident Energy (MeV)

52-Te-118

MAT 5219

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

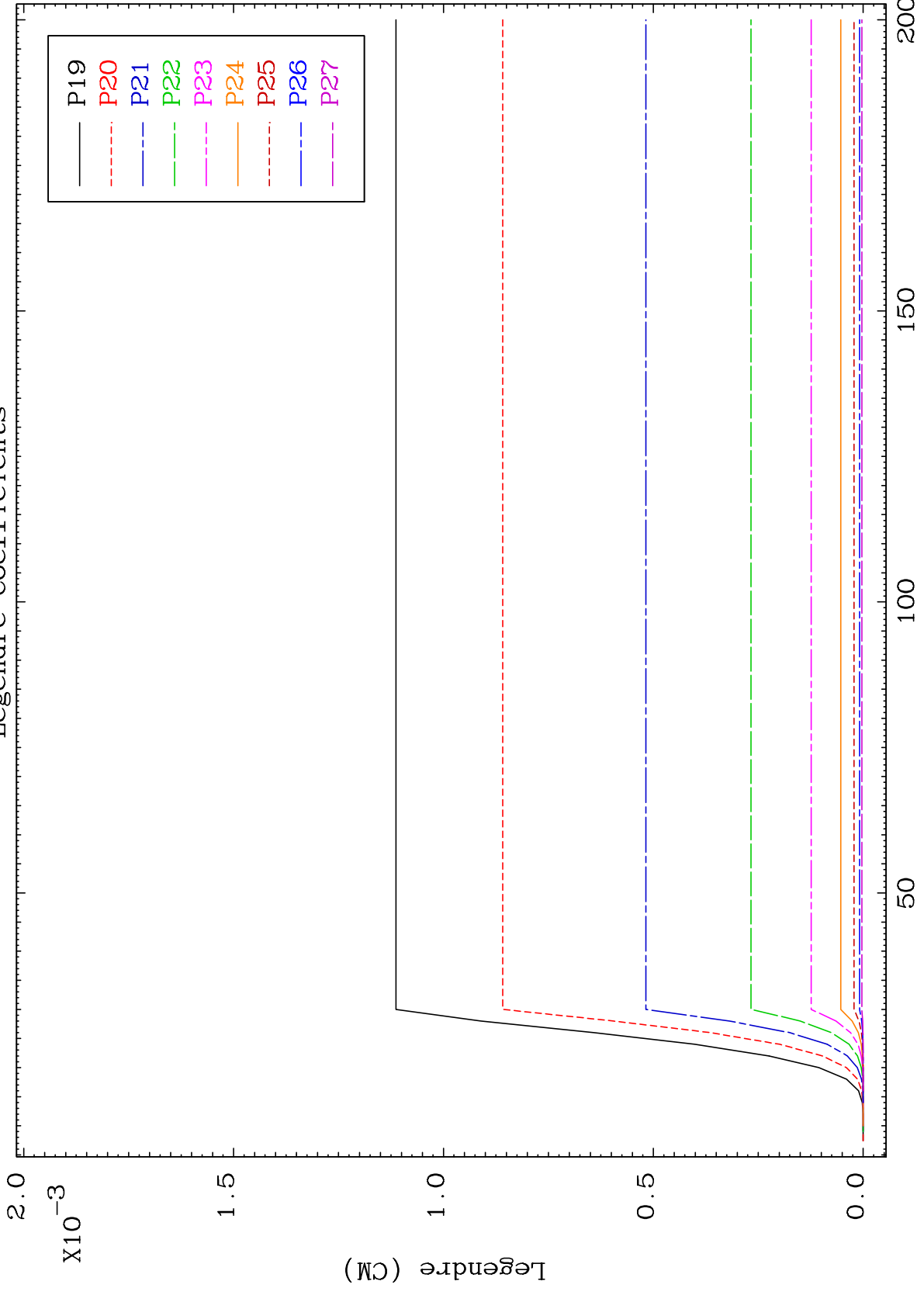
52-Te-118



53

Incident Energy (MeV)

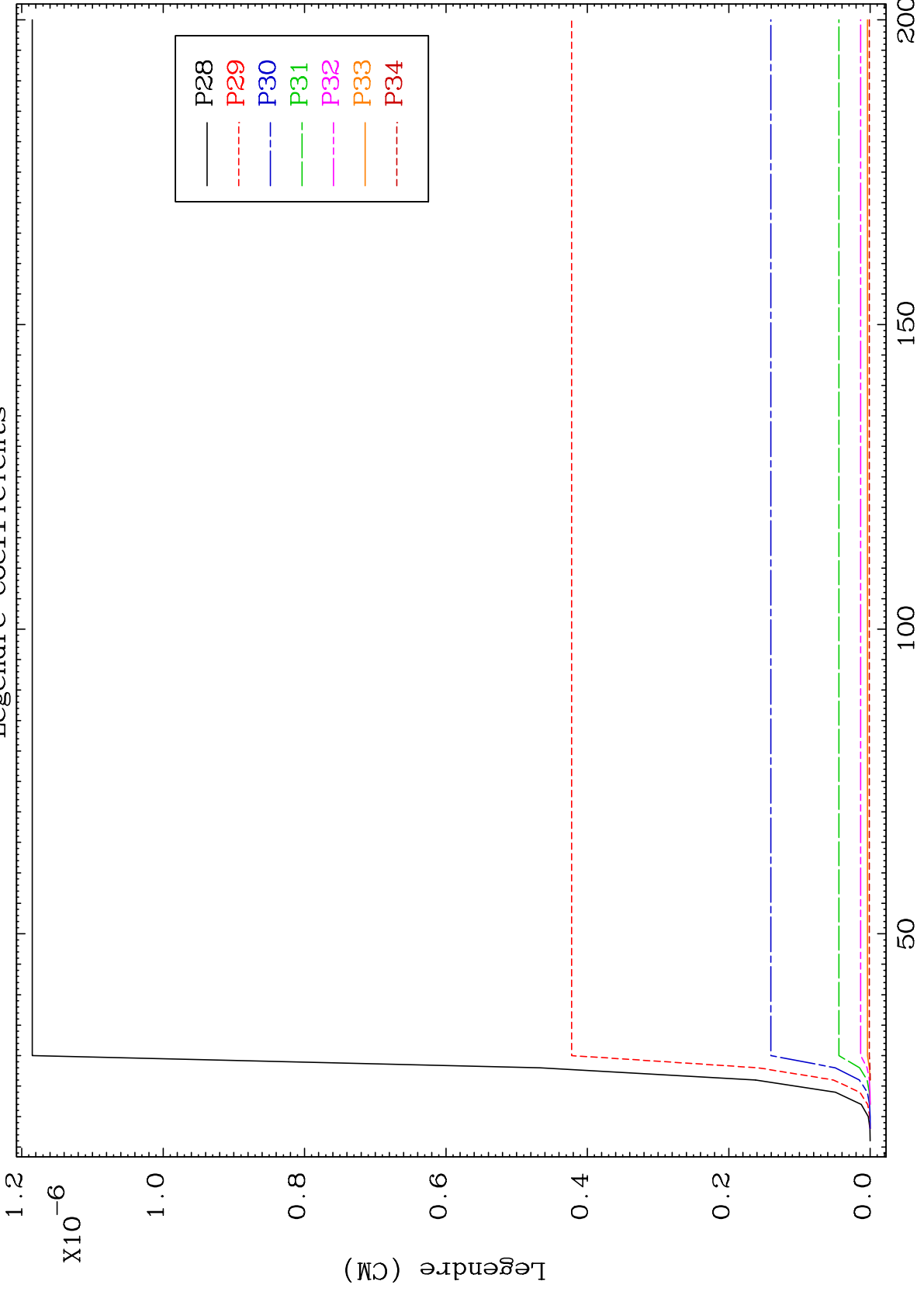
52-Te-118



MAT 5219

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

52-Te-118



55

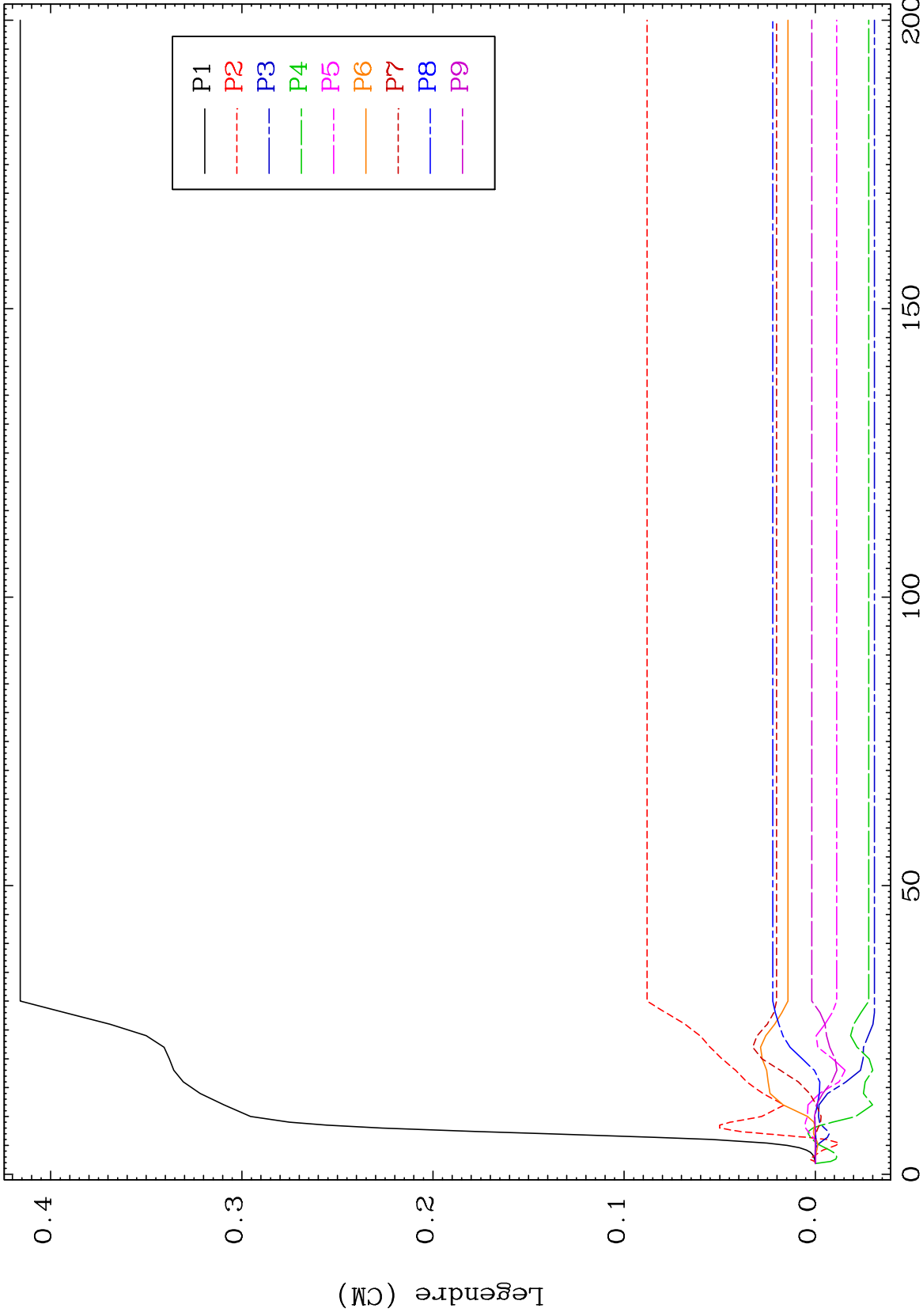
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



56

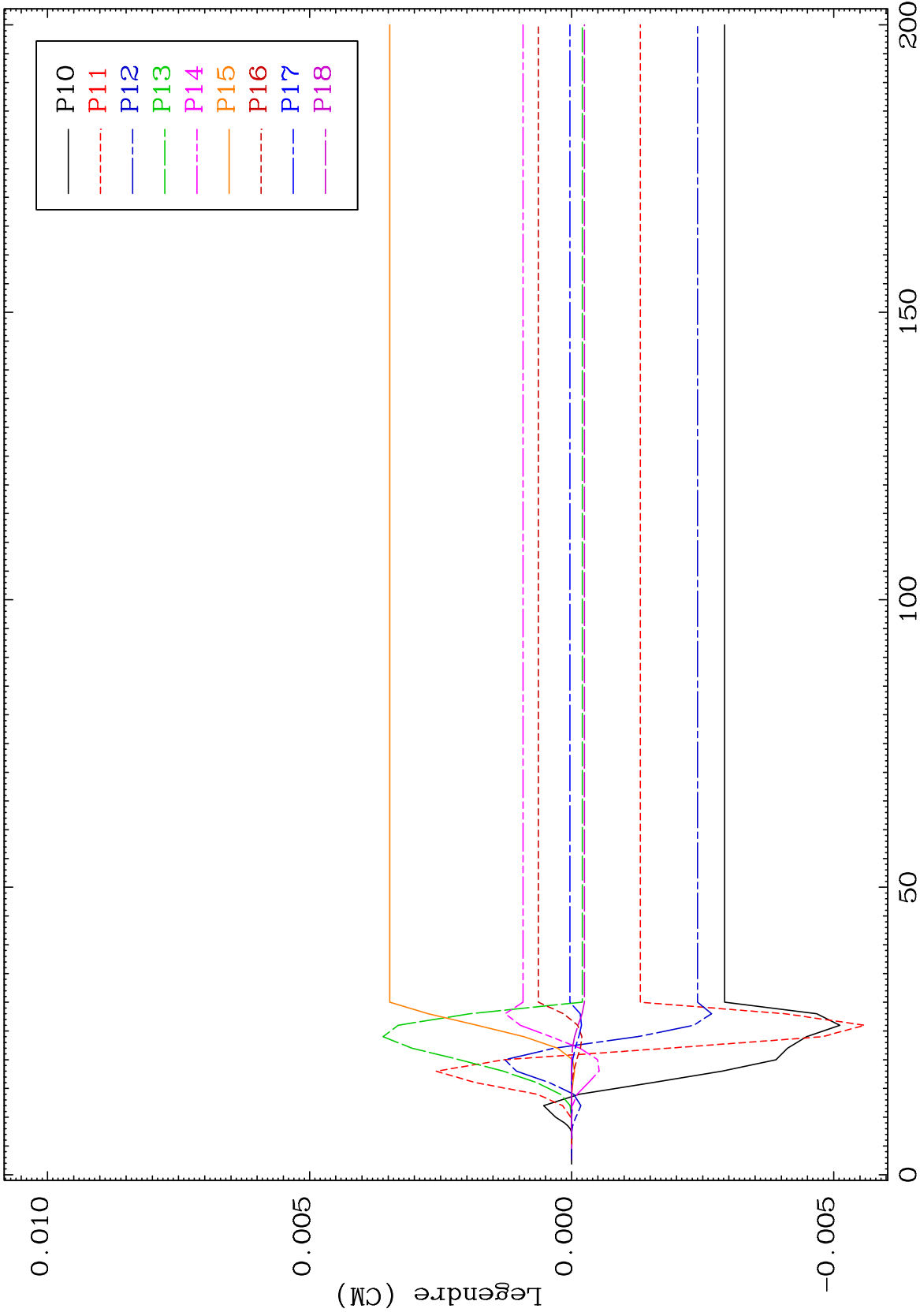
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



57

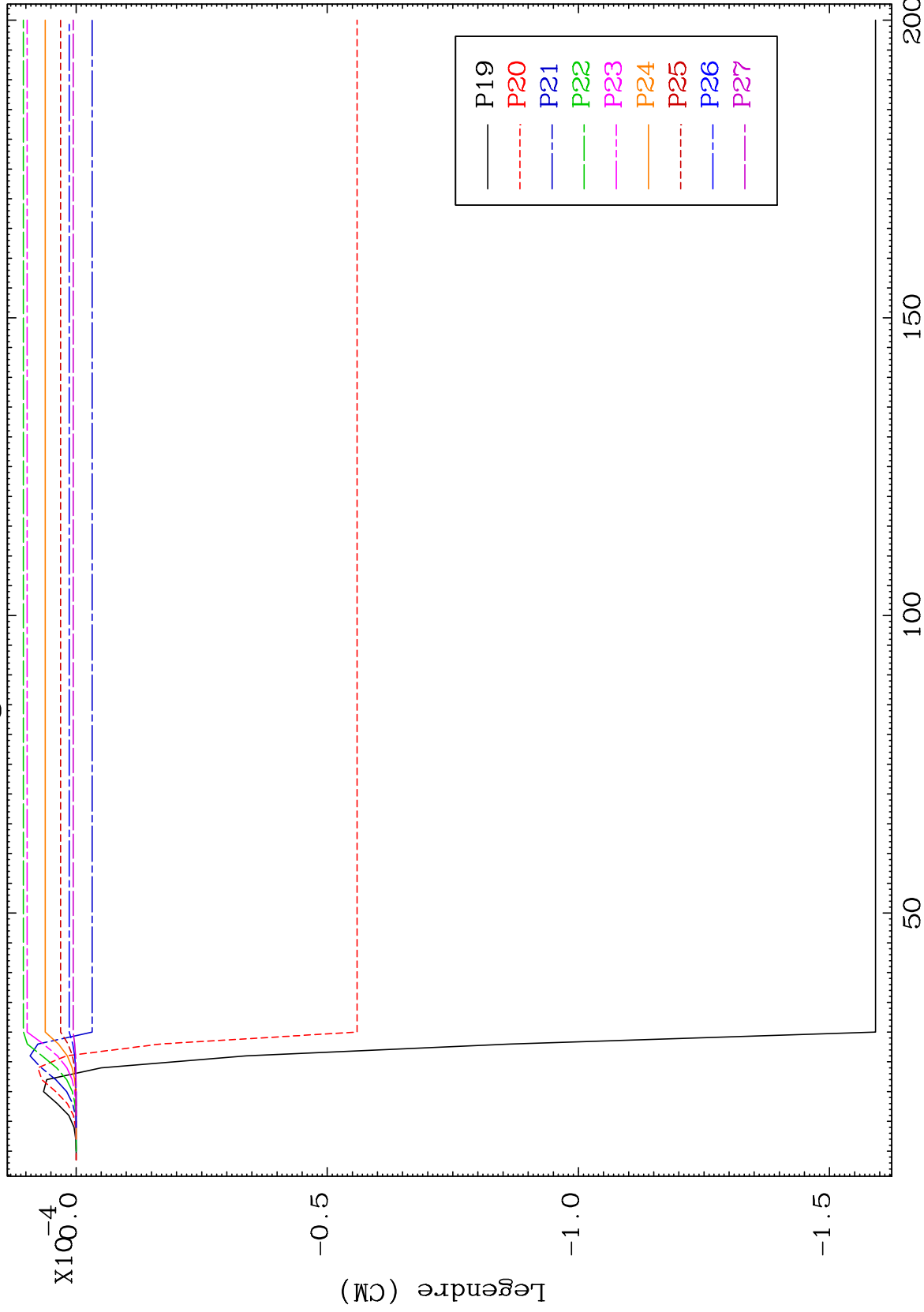
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



58

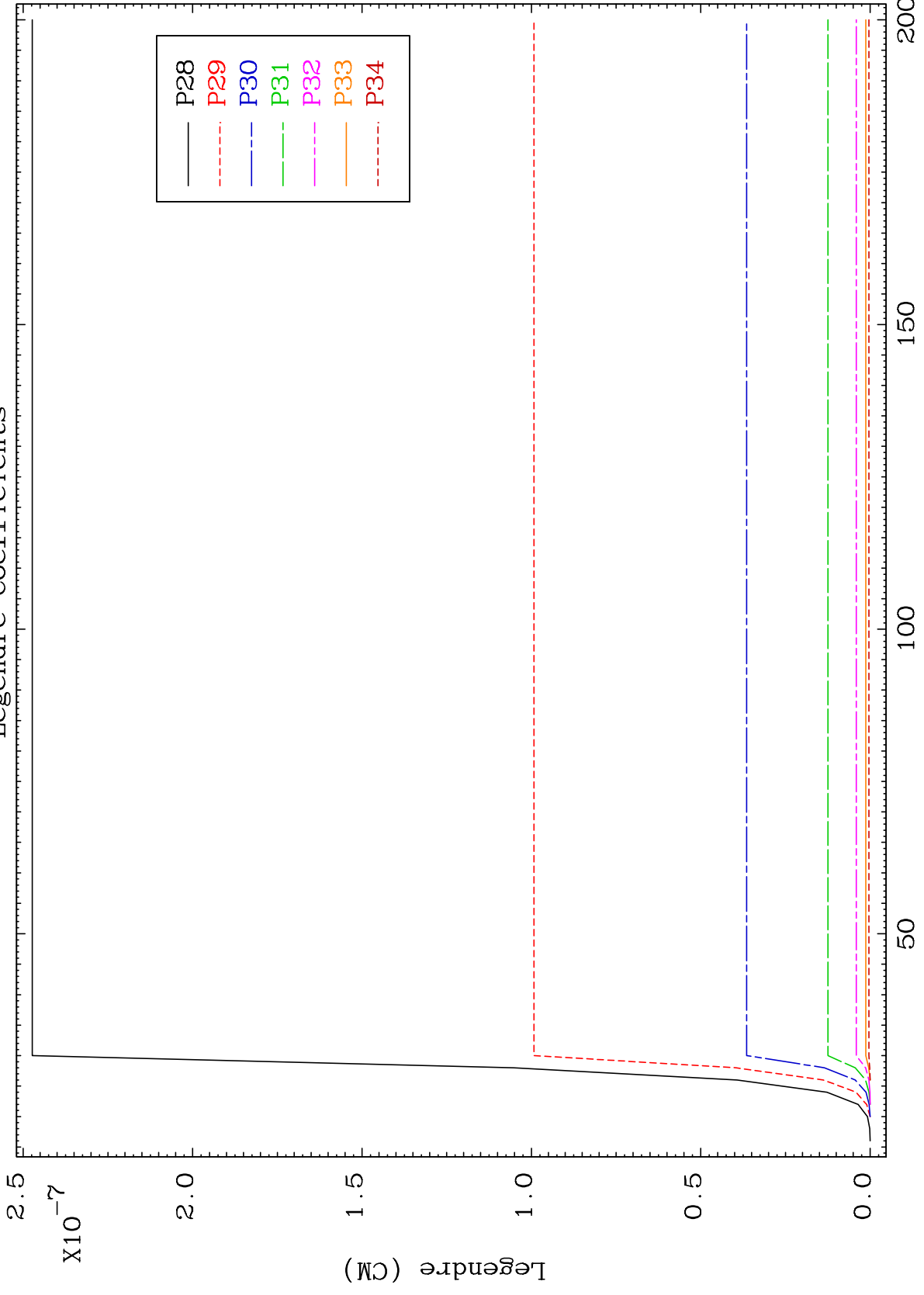
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



59

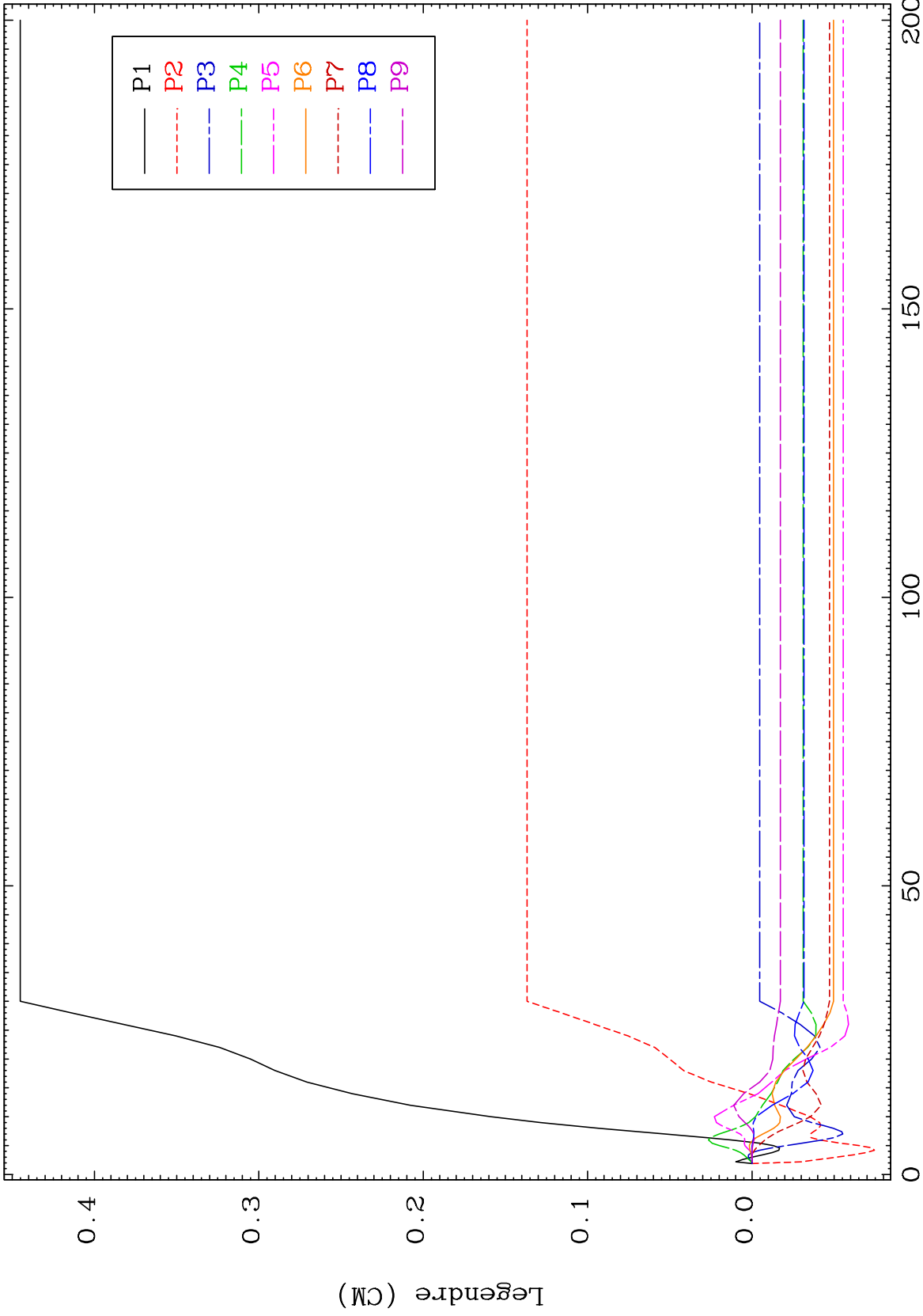
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118

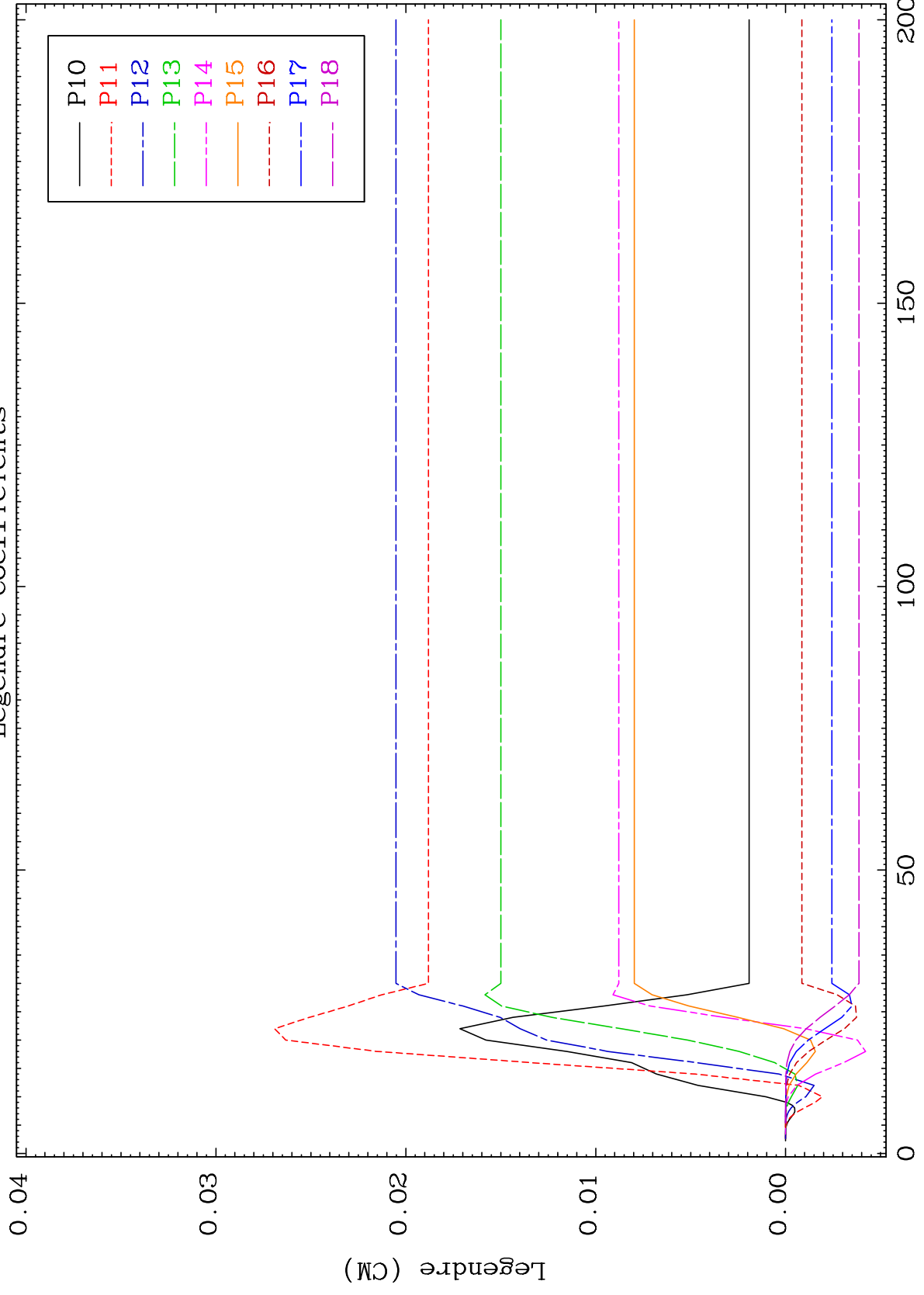


52-Te-118

Incident Energy (MeV)

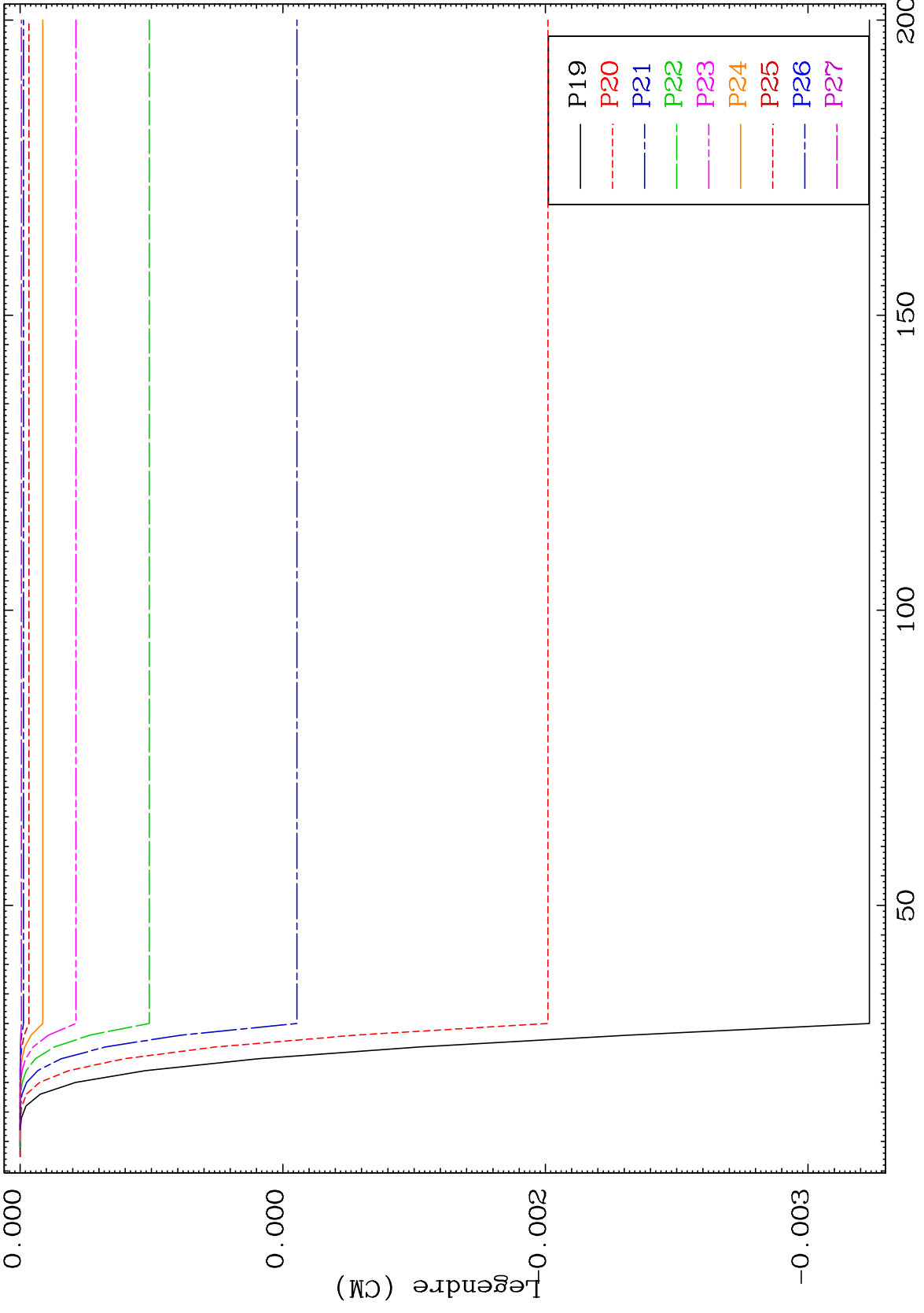
60

MAT 5219 MT= 62 (n,n') Level Legendre Coefficients 52-Te-118



61 52-Te-118

MAT 5219 MT= 62 (n,n') Level Legendre Coefficients 52-Te-118

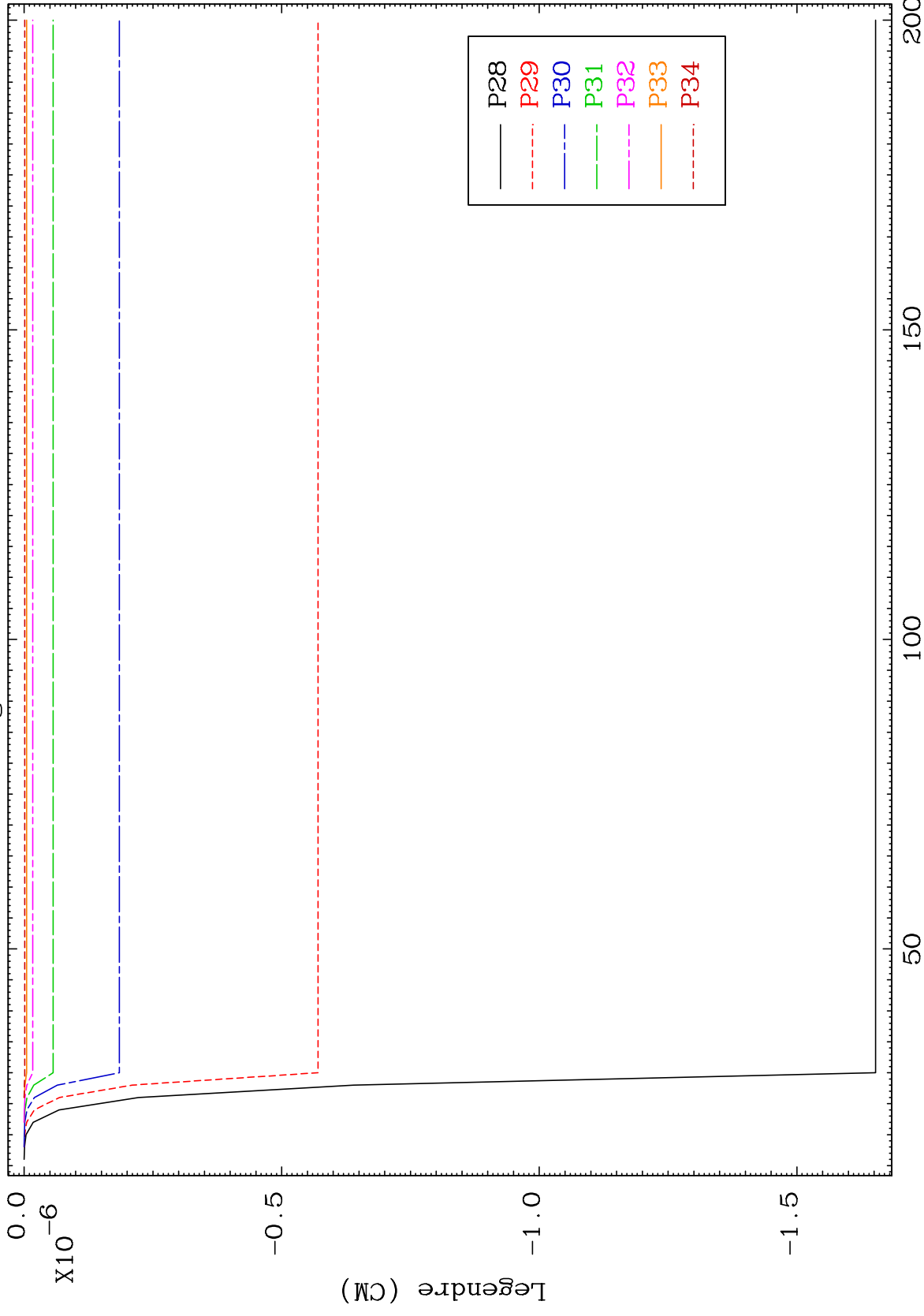


62 52-Te-118

MAT 5219

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

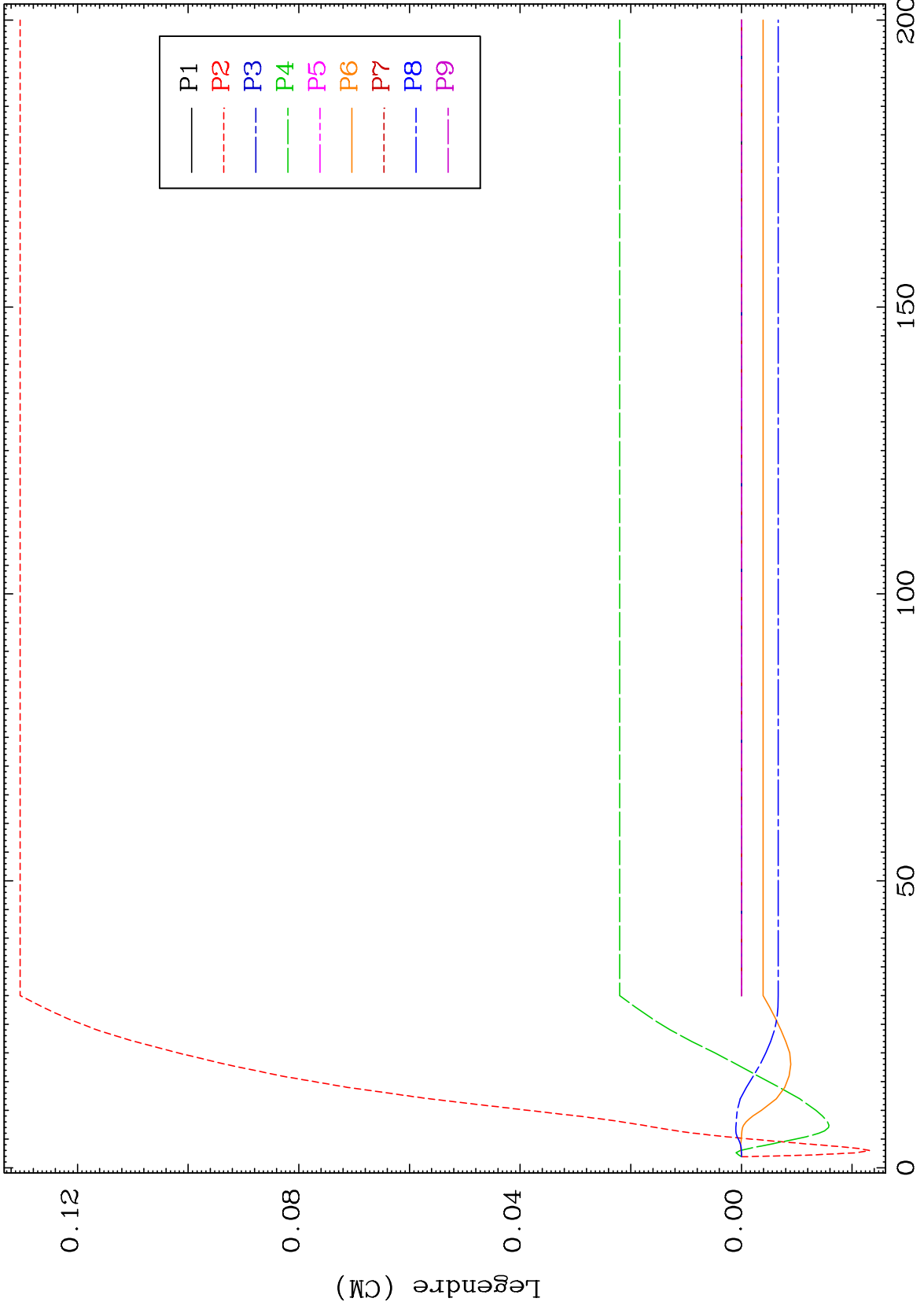
52-Te-118



52-Te-118

63

MAT 5219 MT= 63 (n,n') Level Legendre Coefficients 52-Te-118

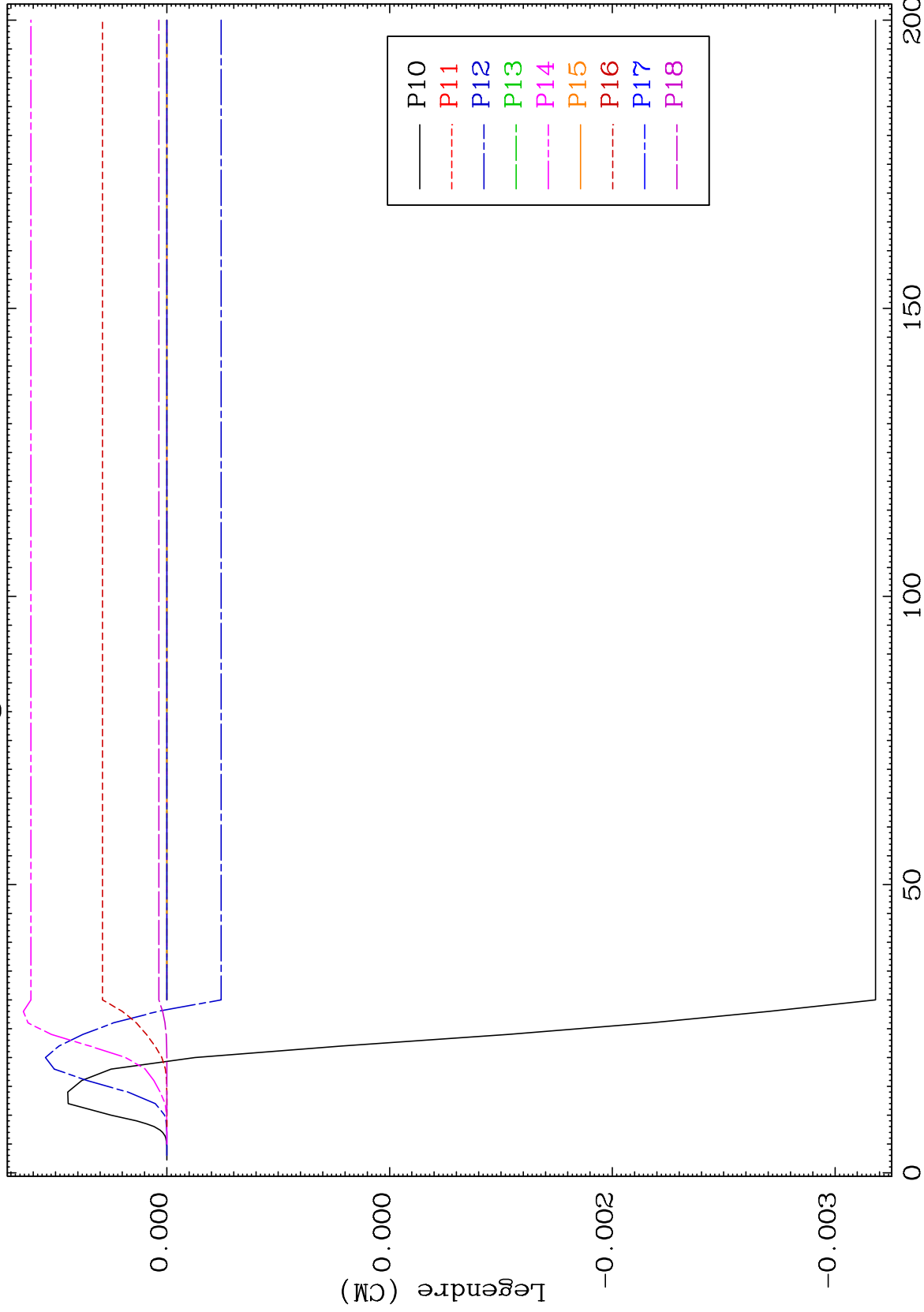


64 52-Te-118

MAT 5219

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

52-Te-118



65

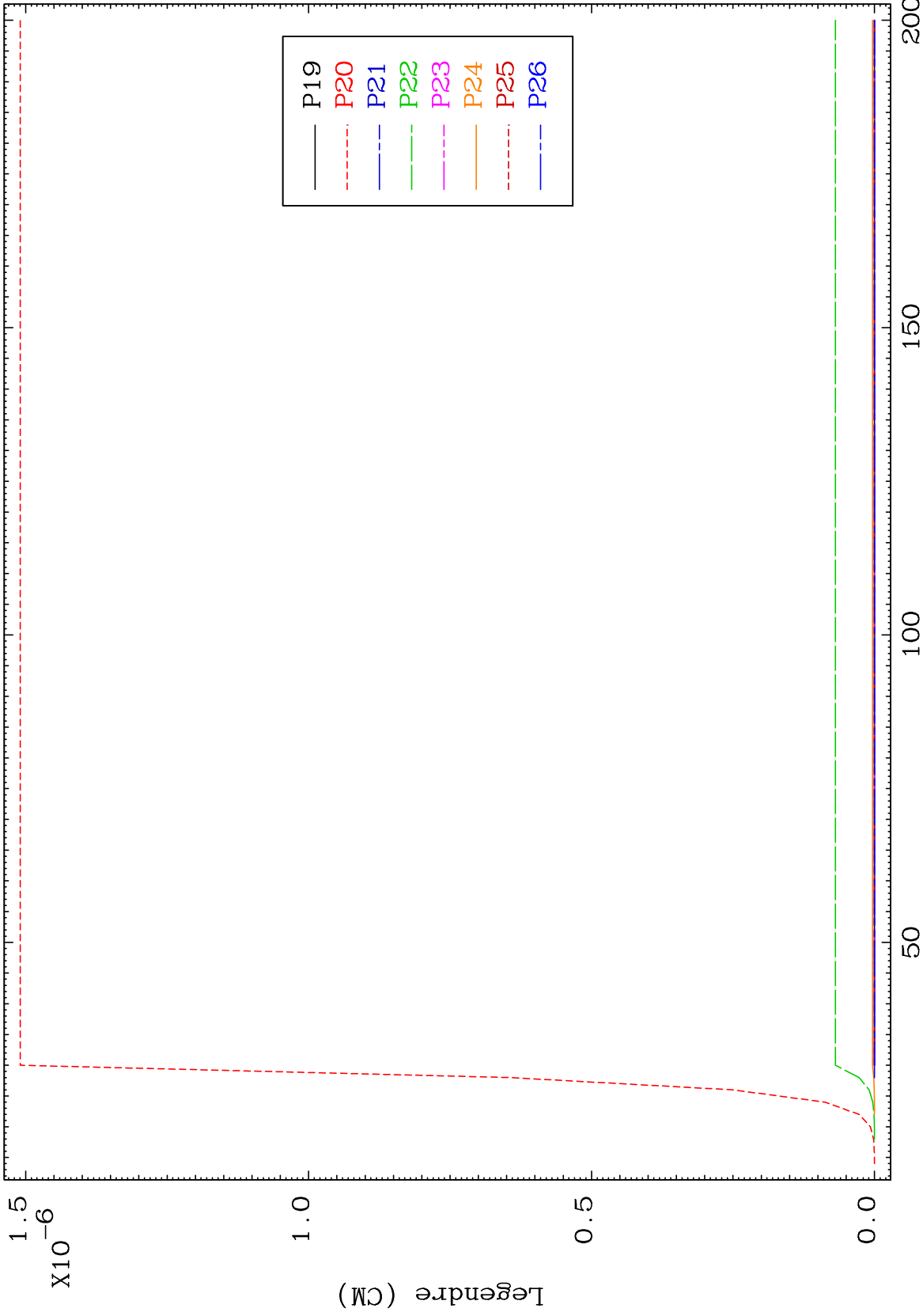
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



66

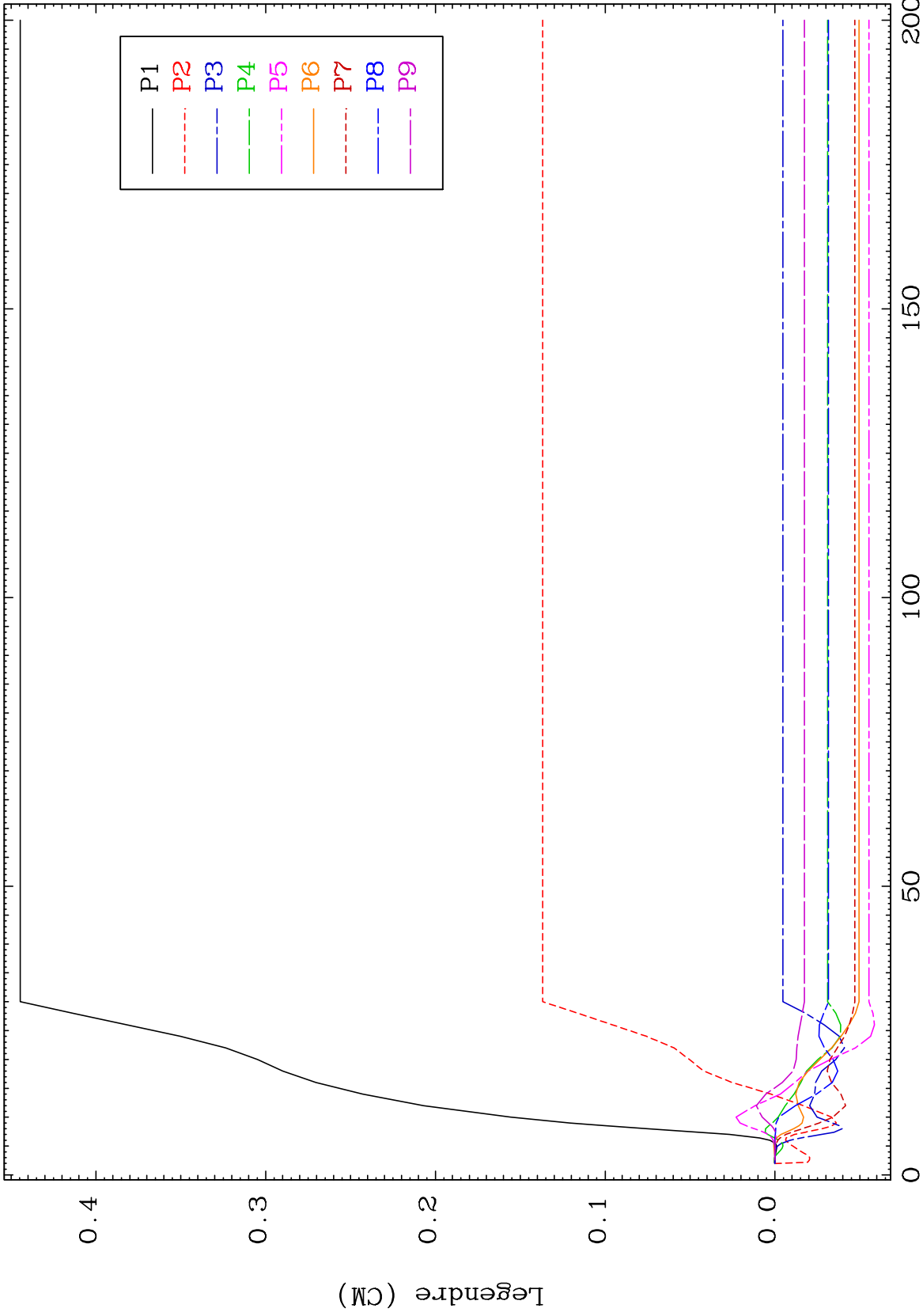
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118

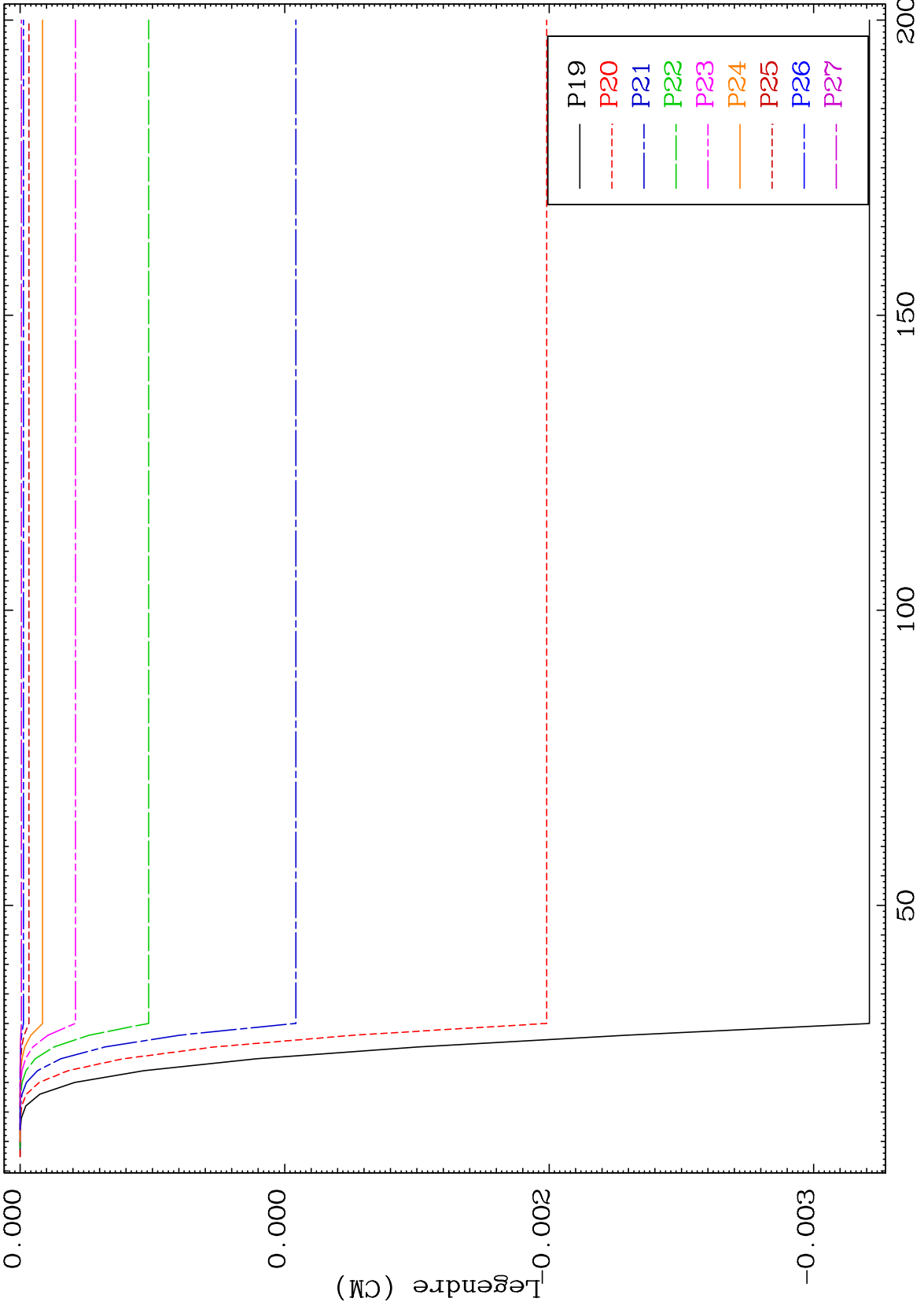


67

Incident Energy (MeV)

52-Te-118

MAT 5219 MT= 64 (n,n') Level Legendre Coefficients 52-Te-118

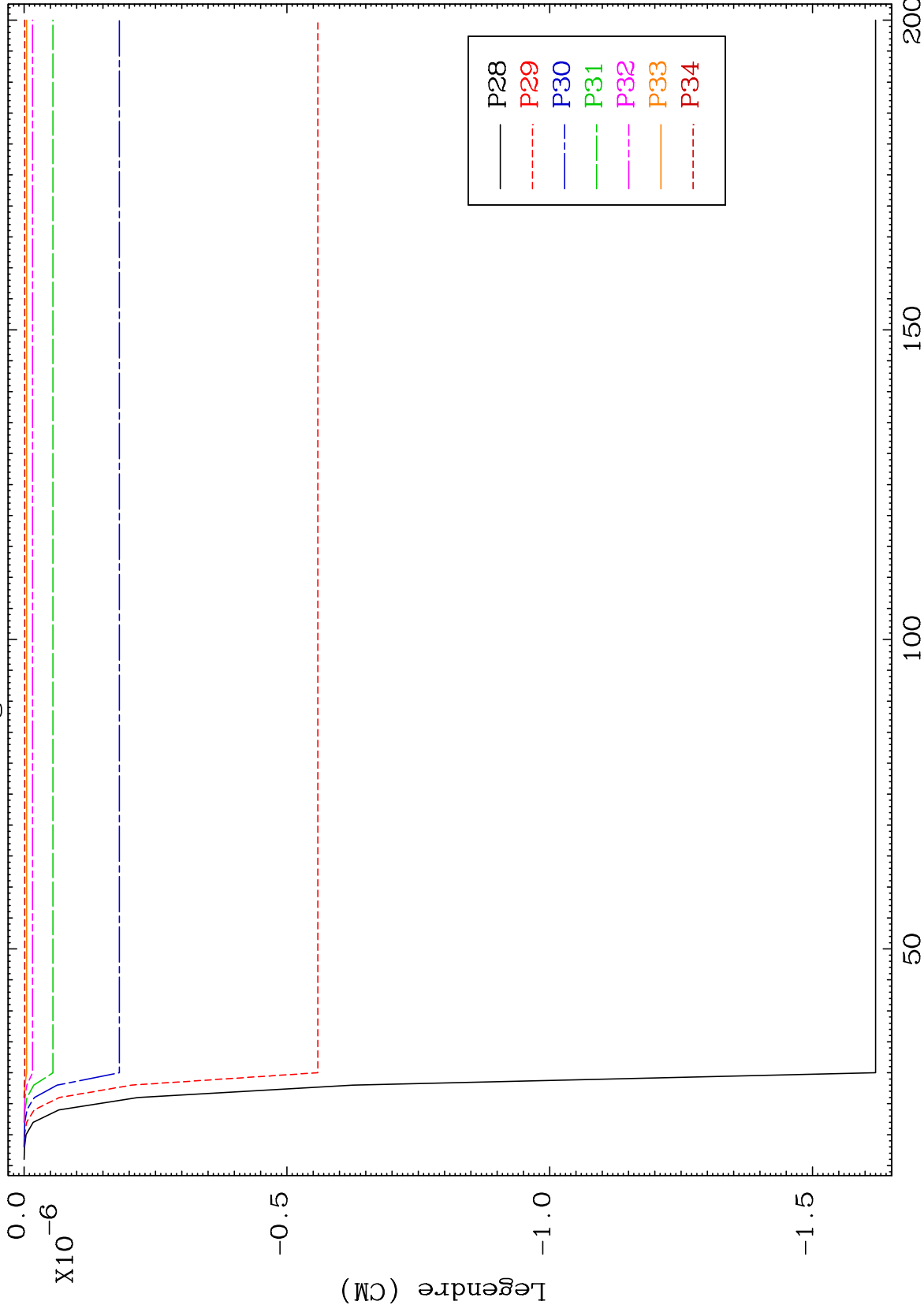


69 52-Te-118

MAT 5219

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

52-Te-118



52-Te-118

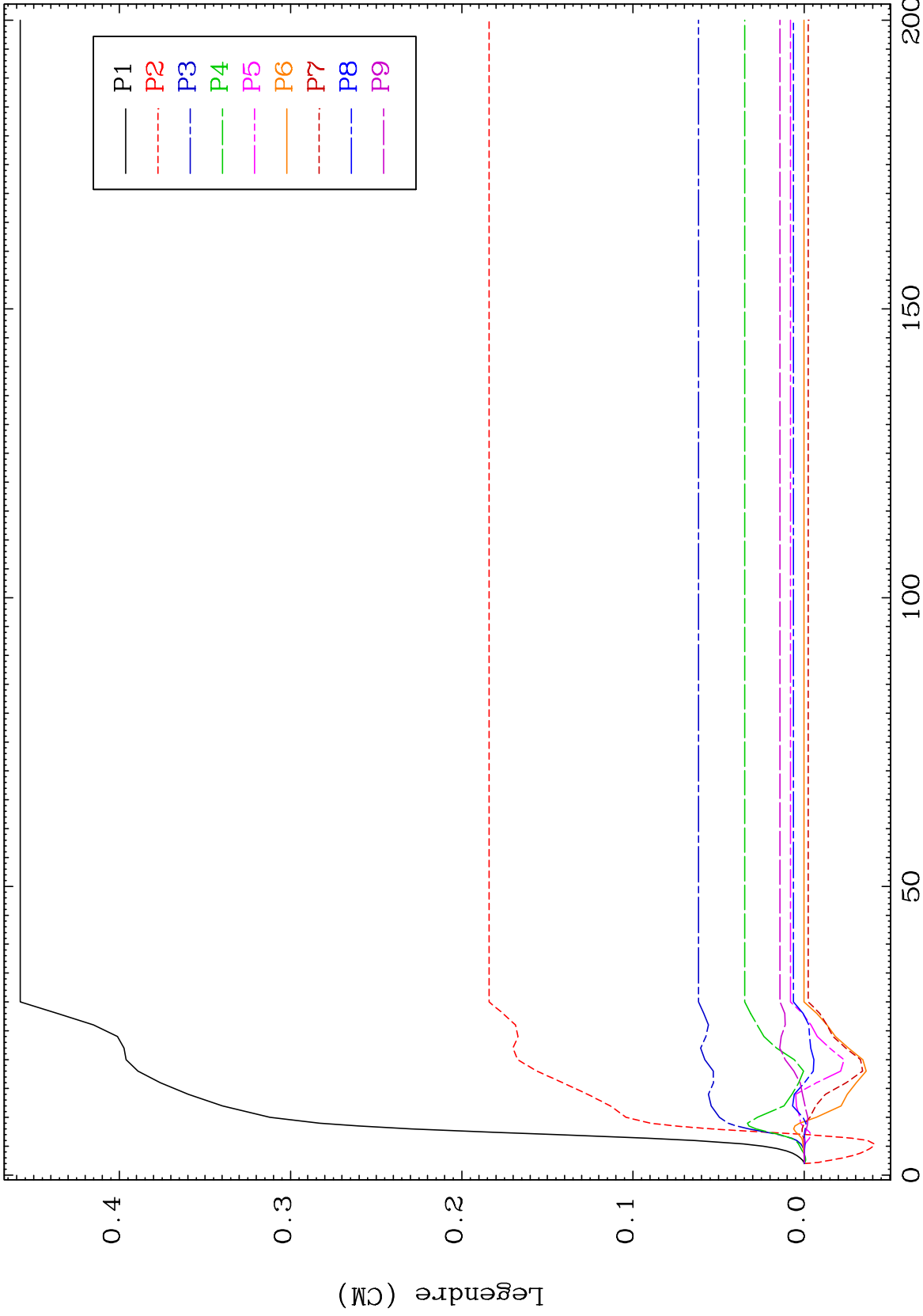
Incident Energy (MeV)

70

MAT 5219

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

52-Te-118



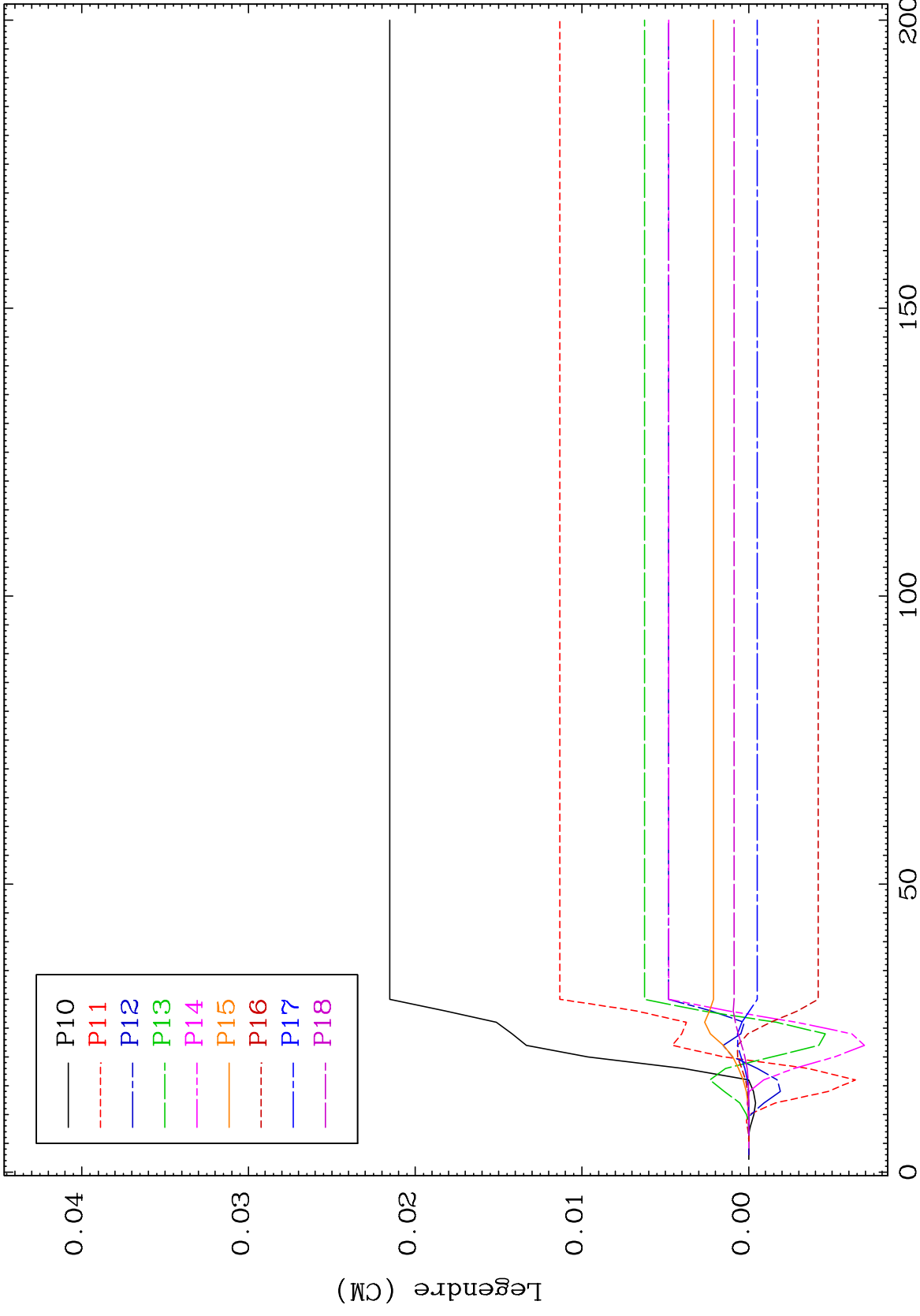
71

52-Te-118

MAT 5219

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

52-Te-118



72

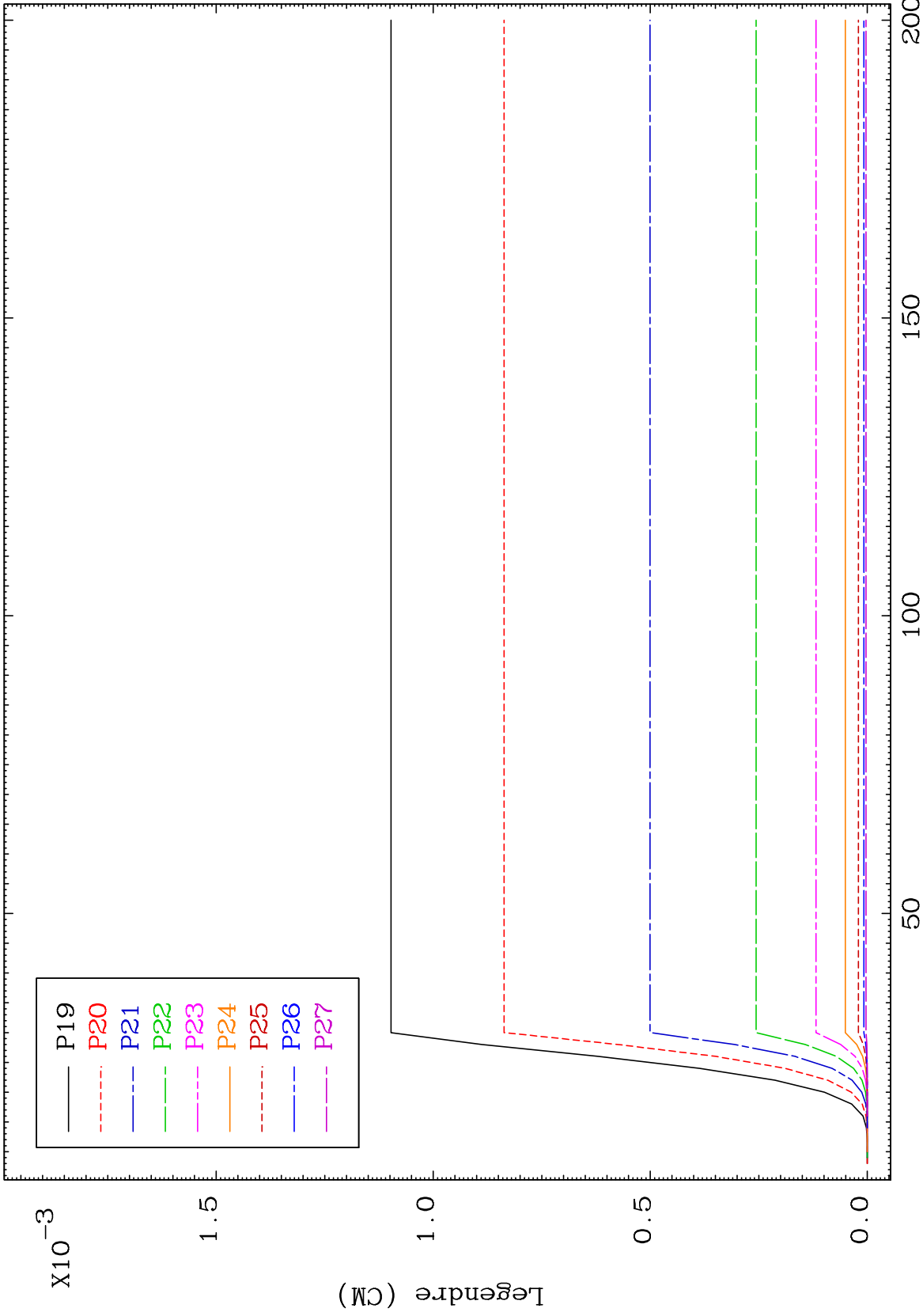
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



73

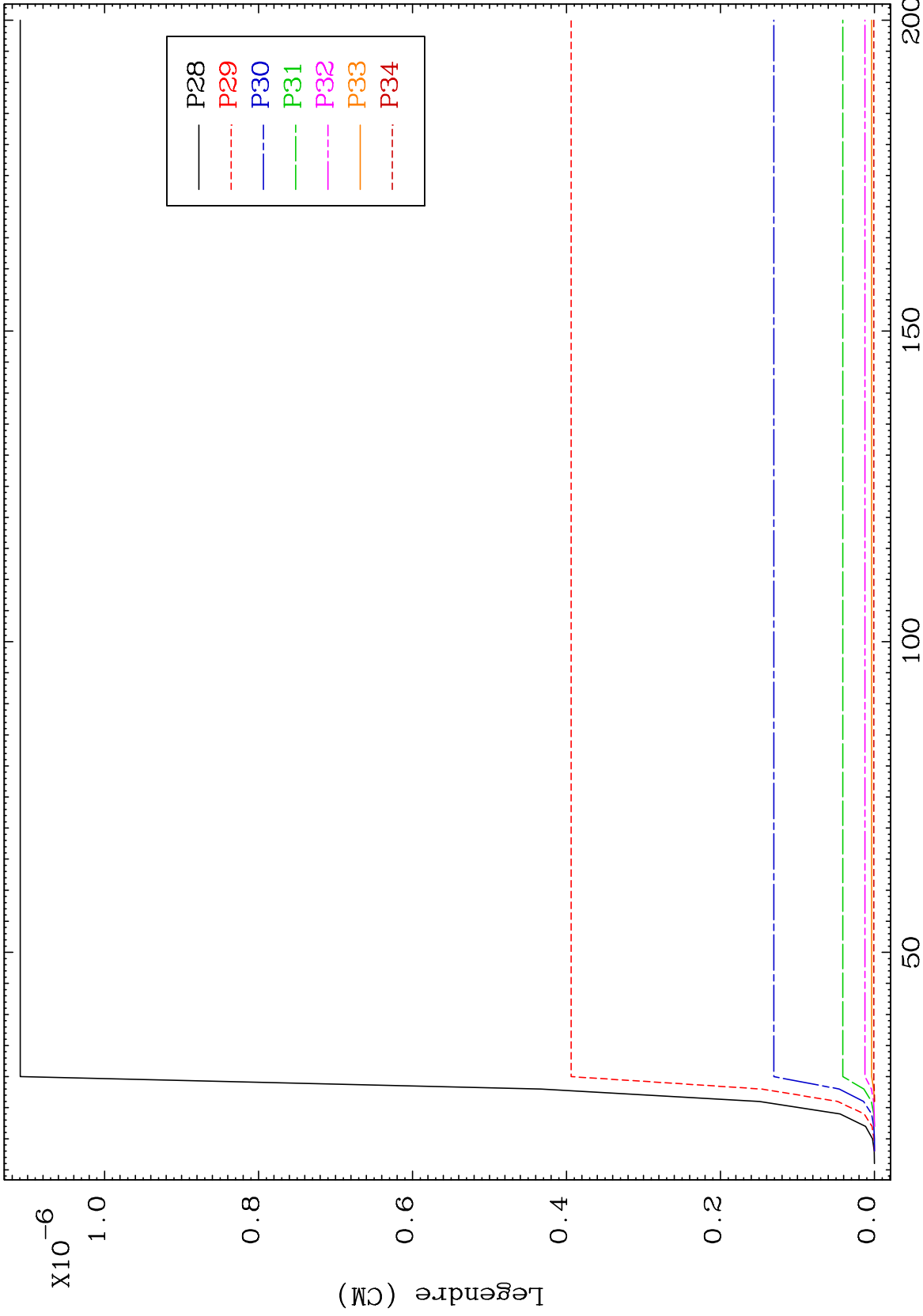
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



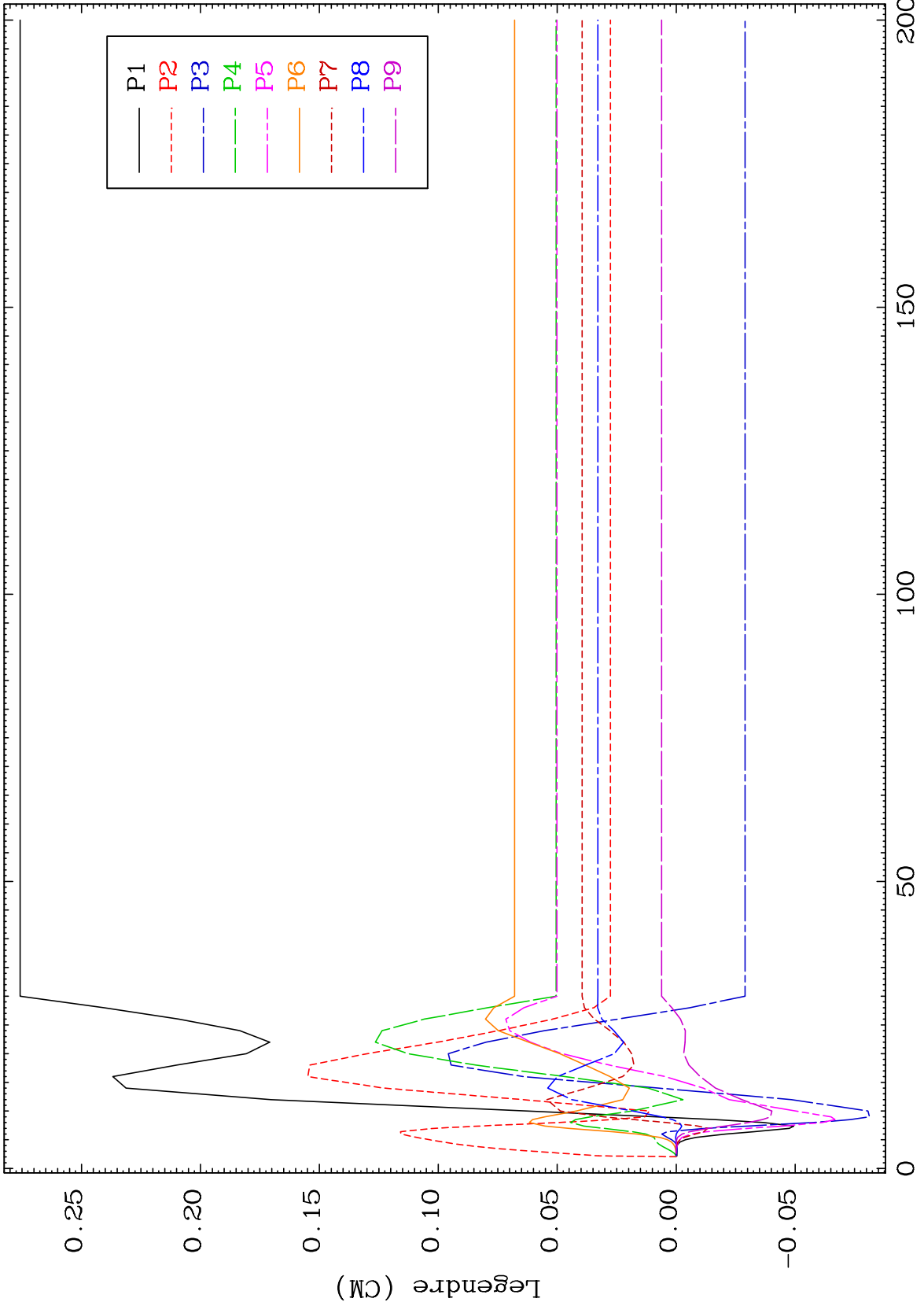
74

52-Te-118

MAT 5219

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

52-Te-118



75

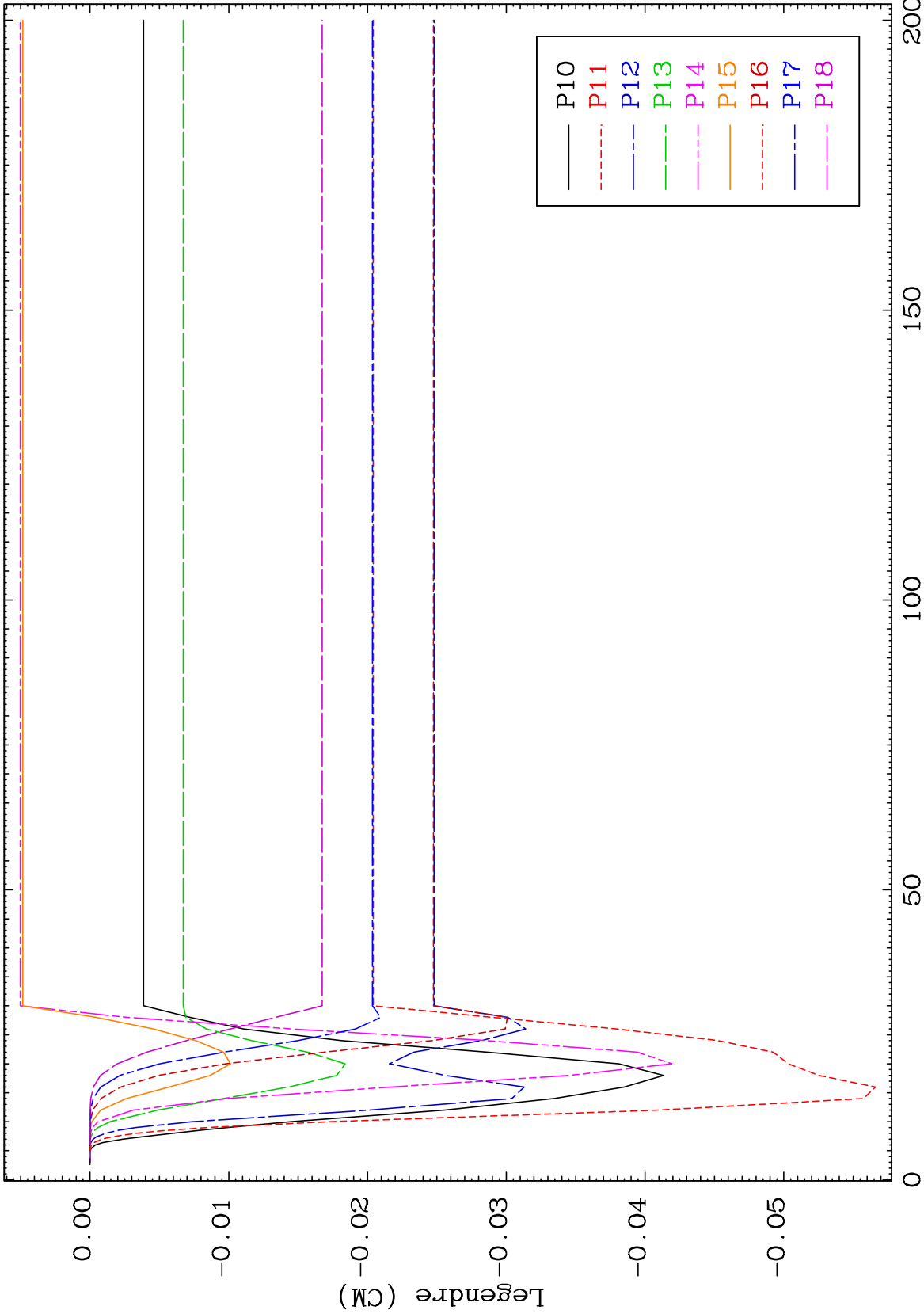
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118

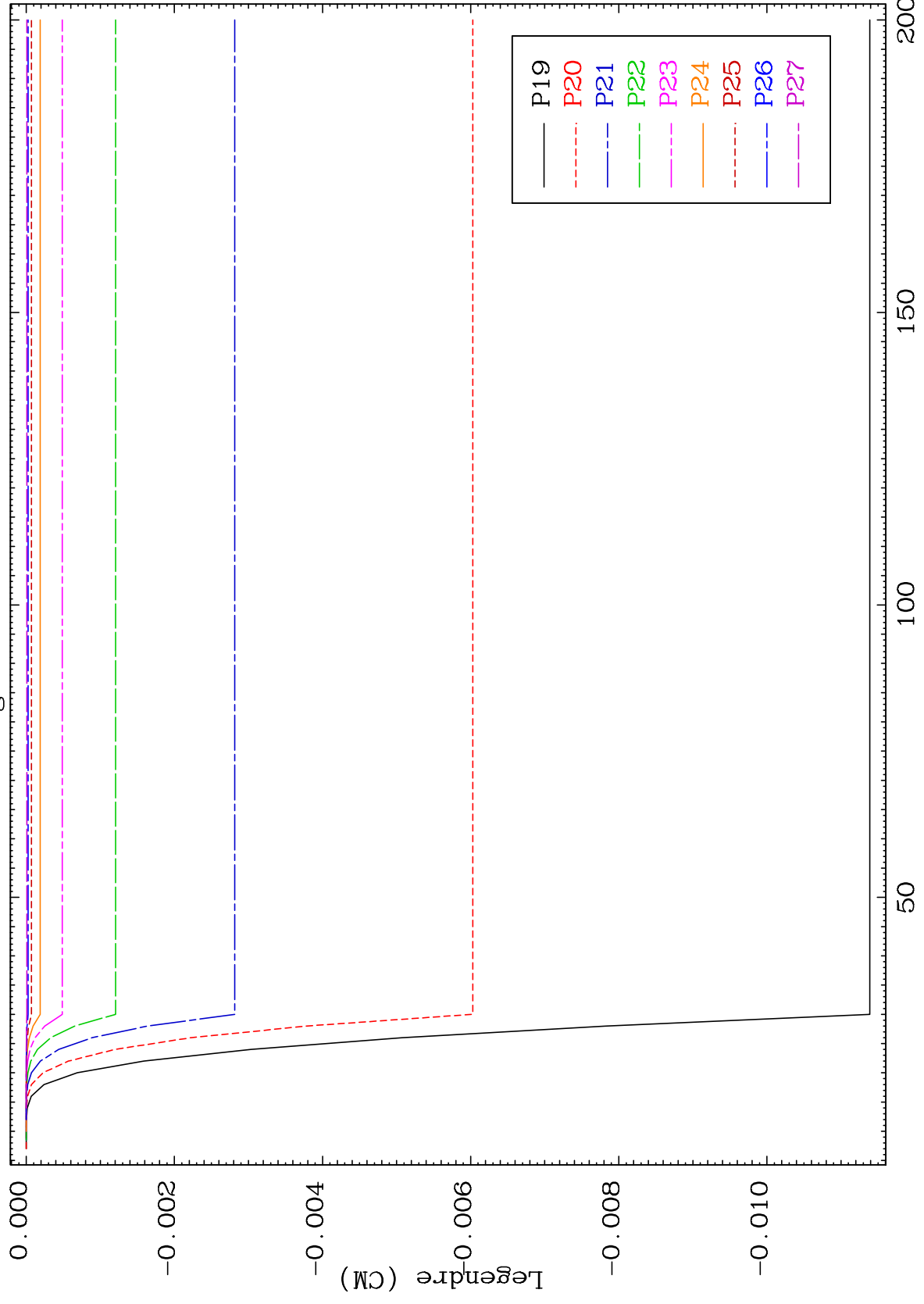


76

Incident Energy (MeV)

52-Te-118

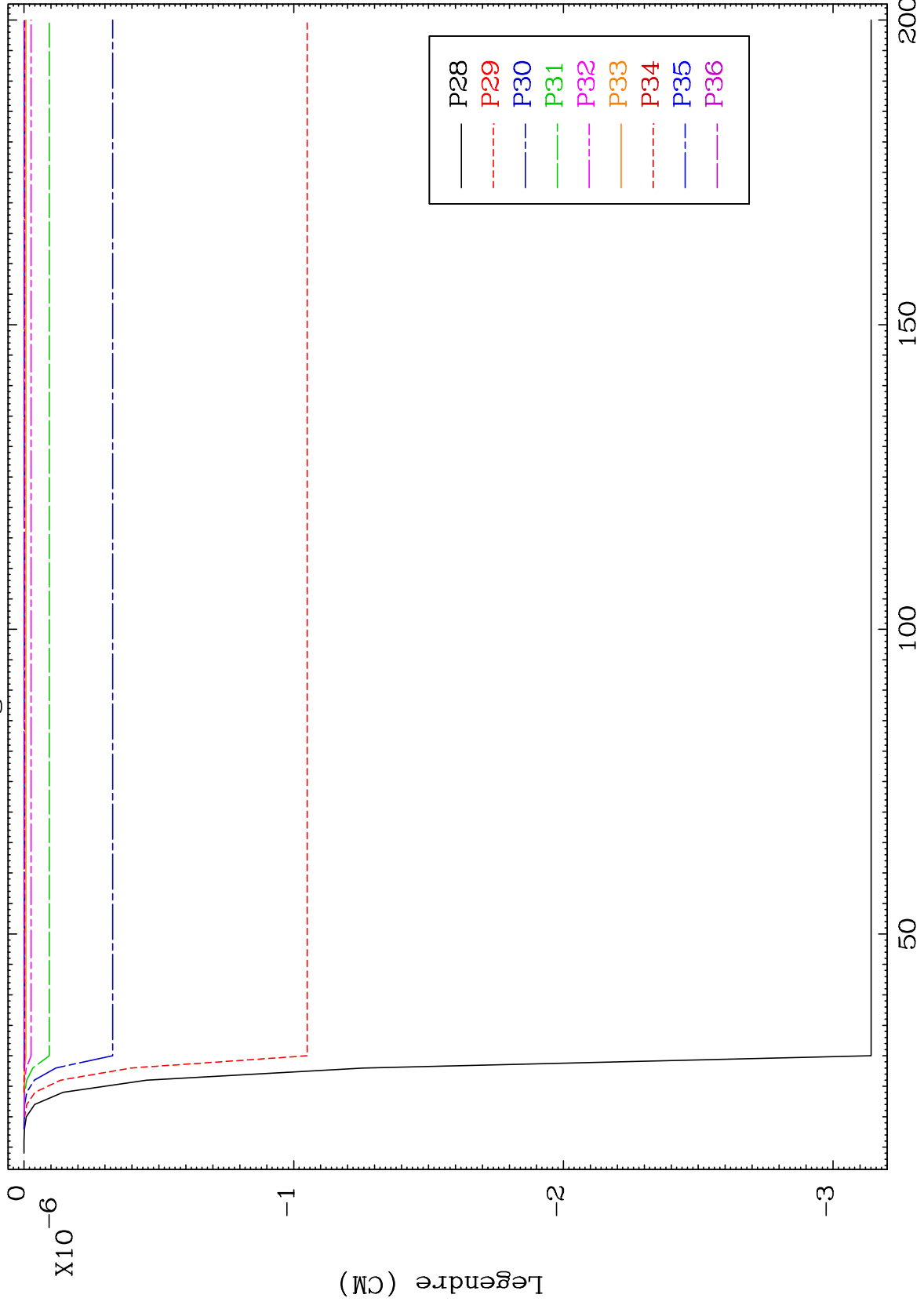
MAT 5219 MT= 66 (n,n') Level Legendre Coefficients 52-Te-118



MAT 5219

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

52-Te-118



52-Te-118

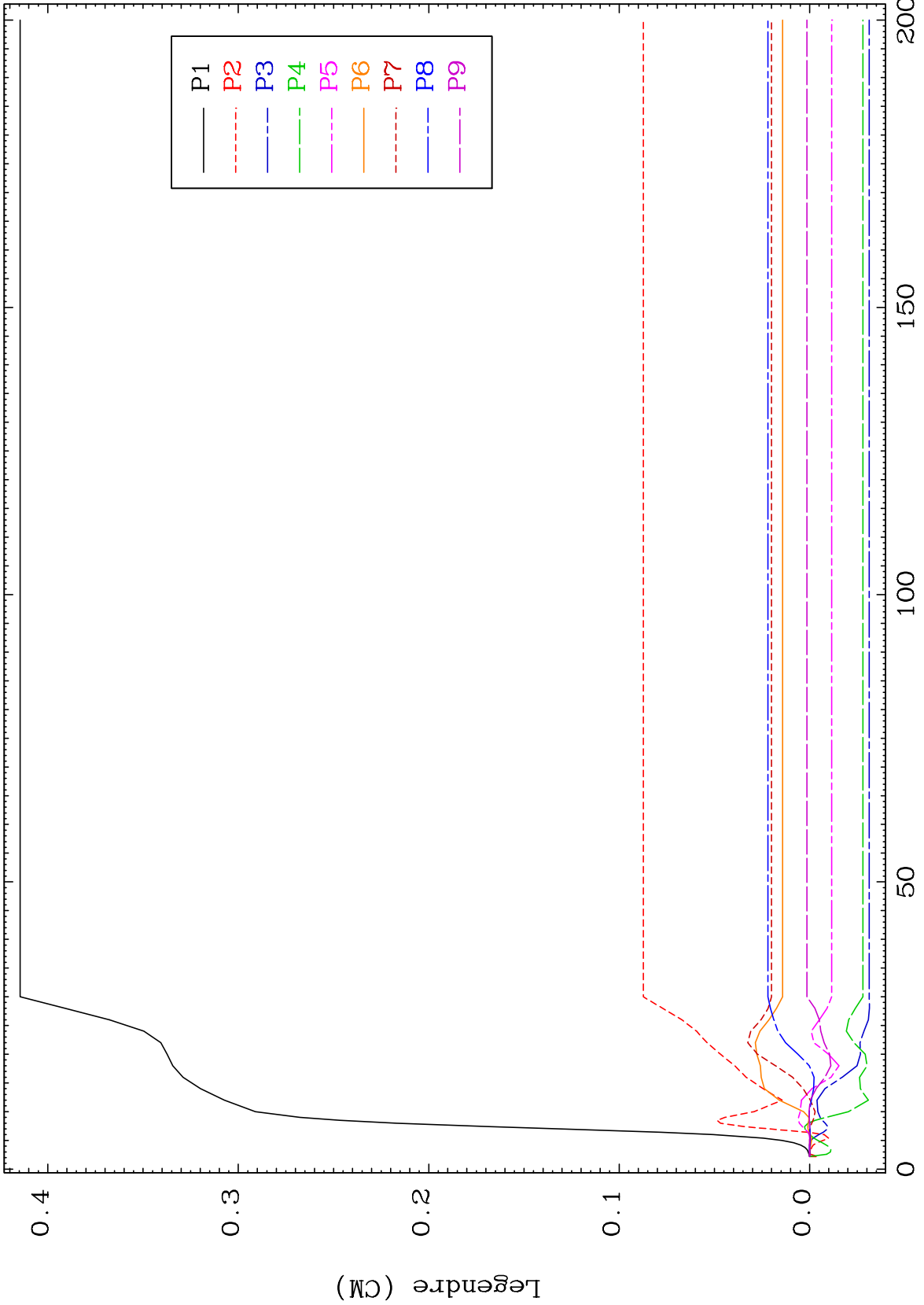
Incident Energy (MeV)

78

MAT 5219

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

52-Te-118



79

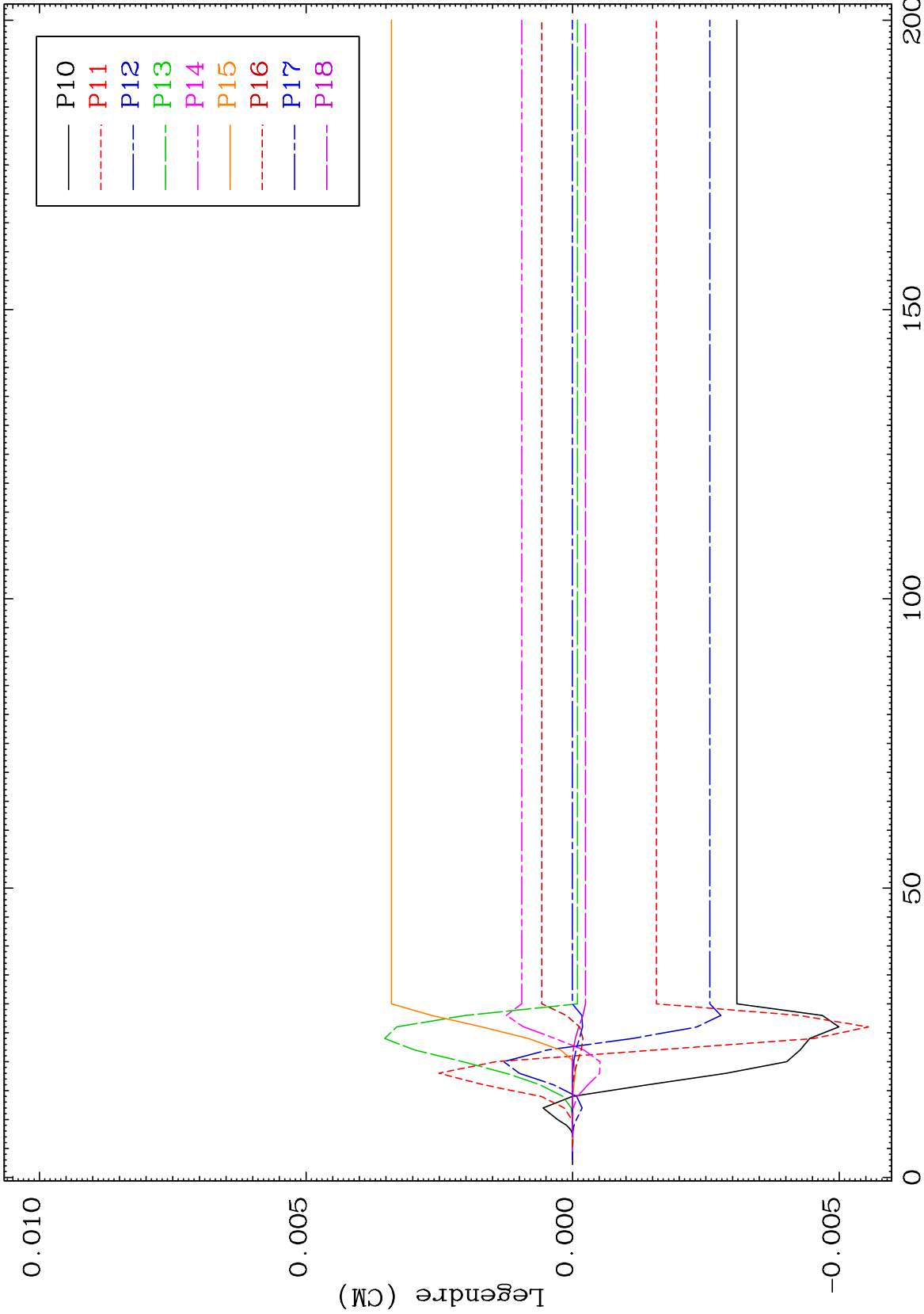
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



80

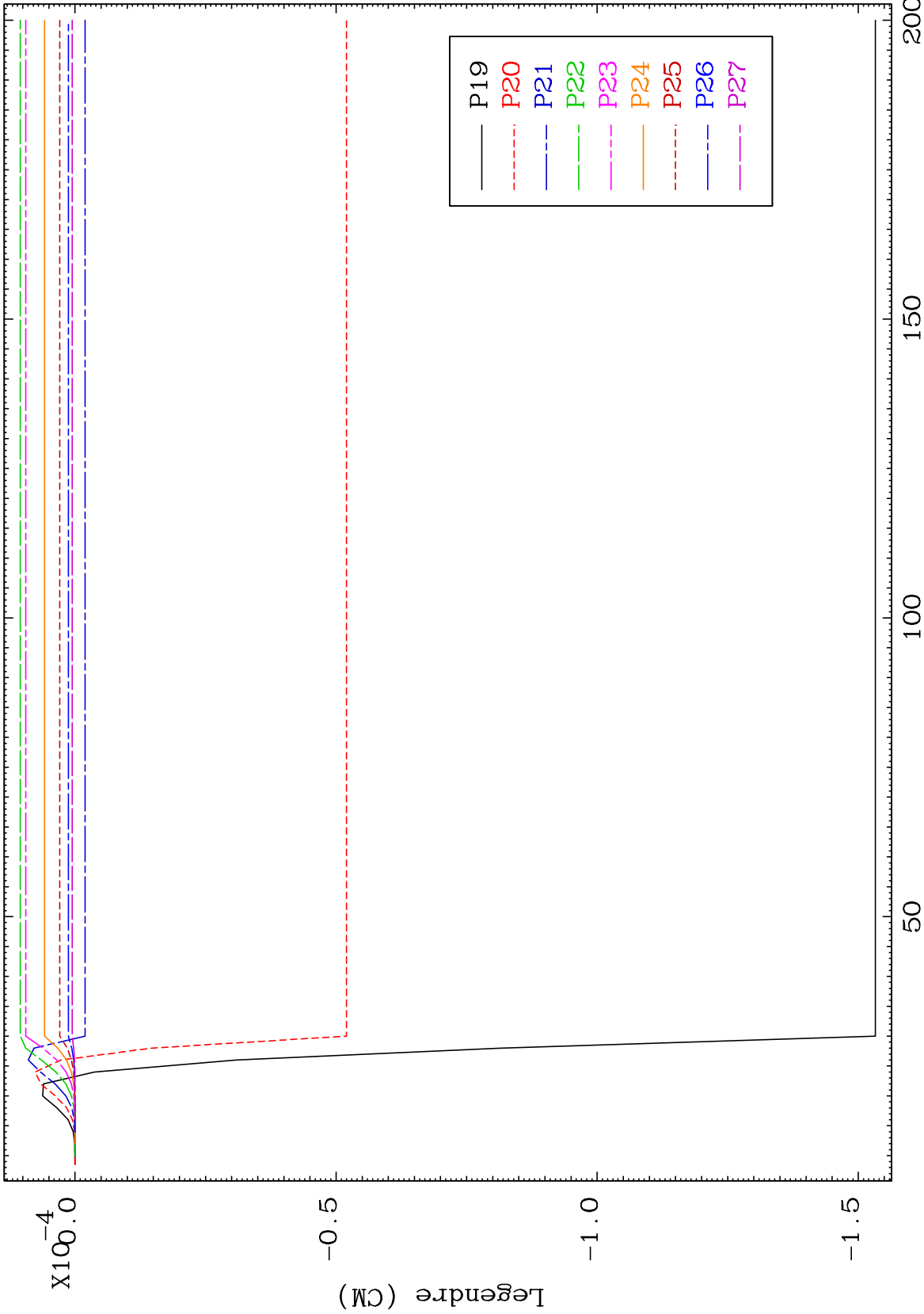
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



81

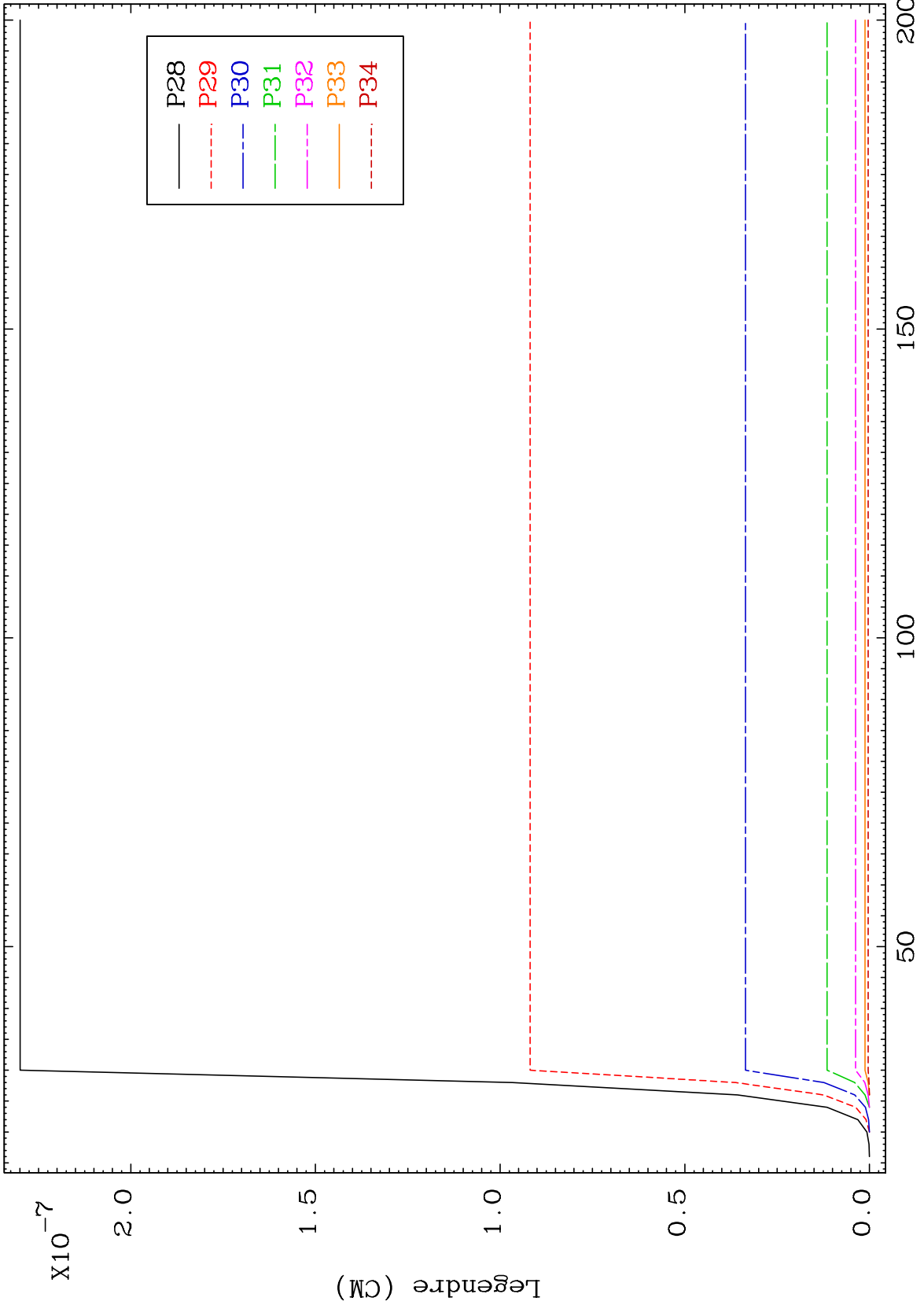
Incident Energy (MeV)

52-Te-118

MAT 5219

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

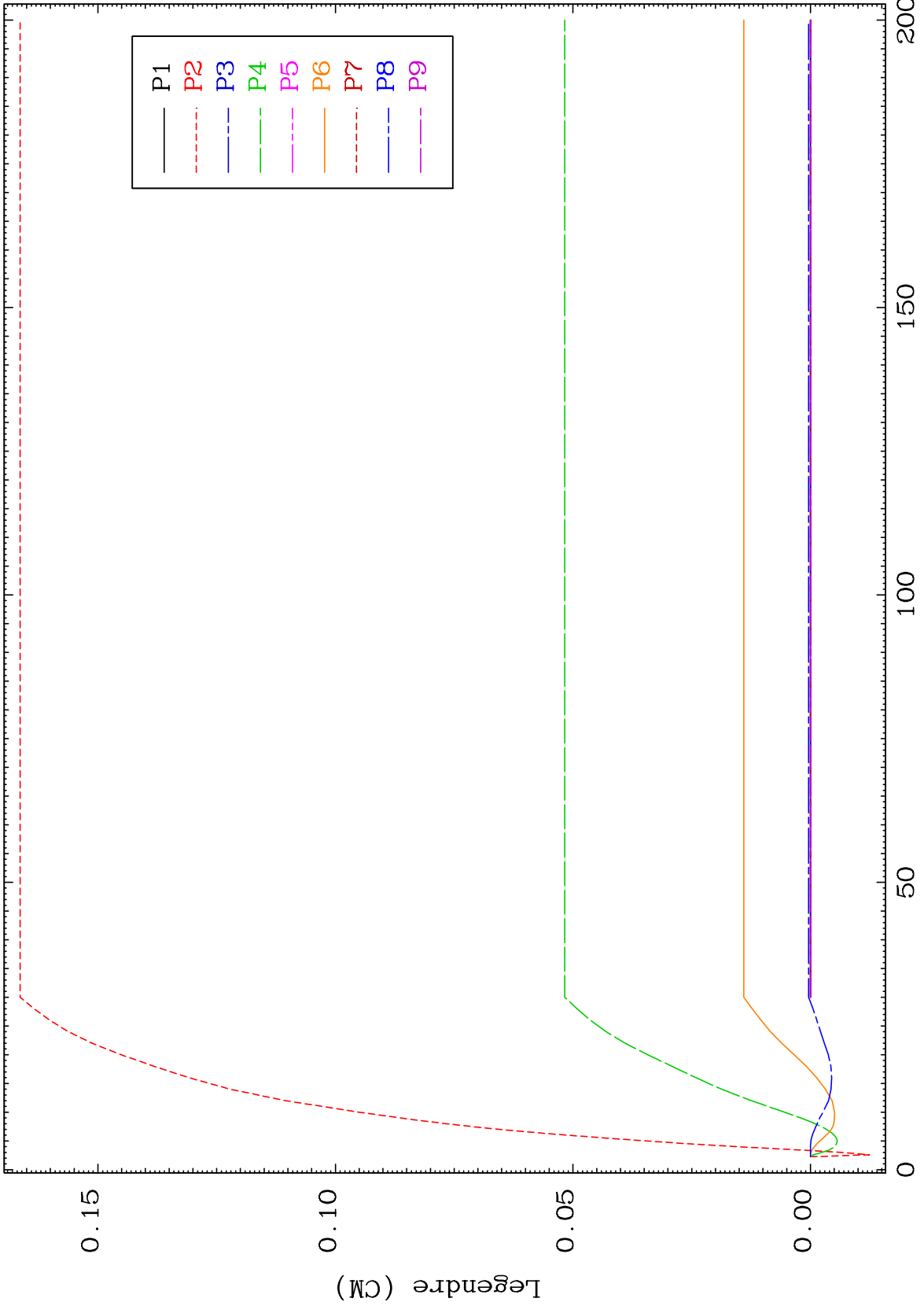
52-Te-118



82

52-Te-118

MAT 5219 MT= 68 (n,n') Level Legendre Coefficients 52-Te-118

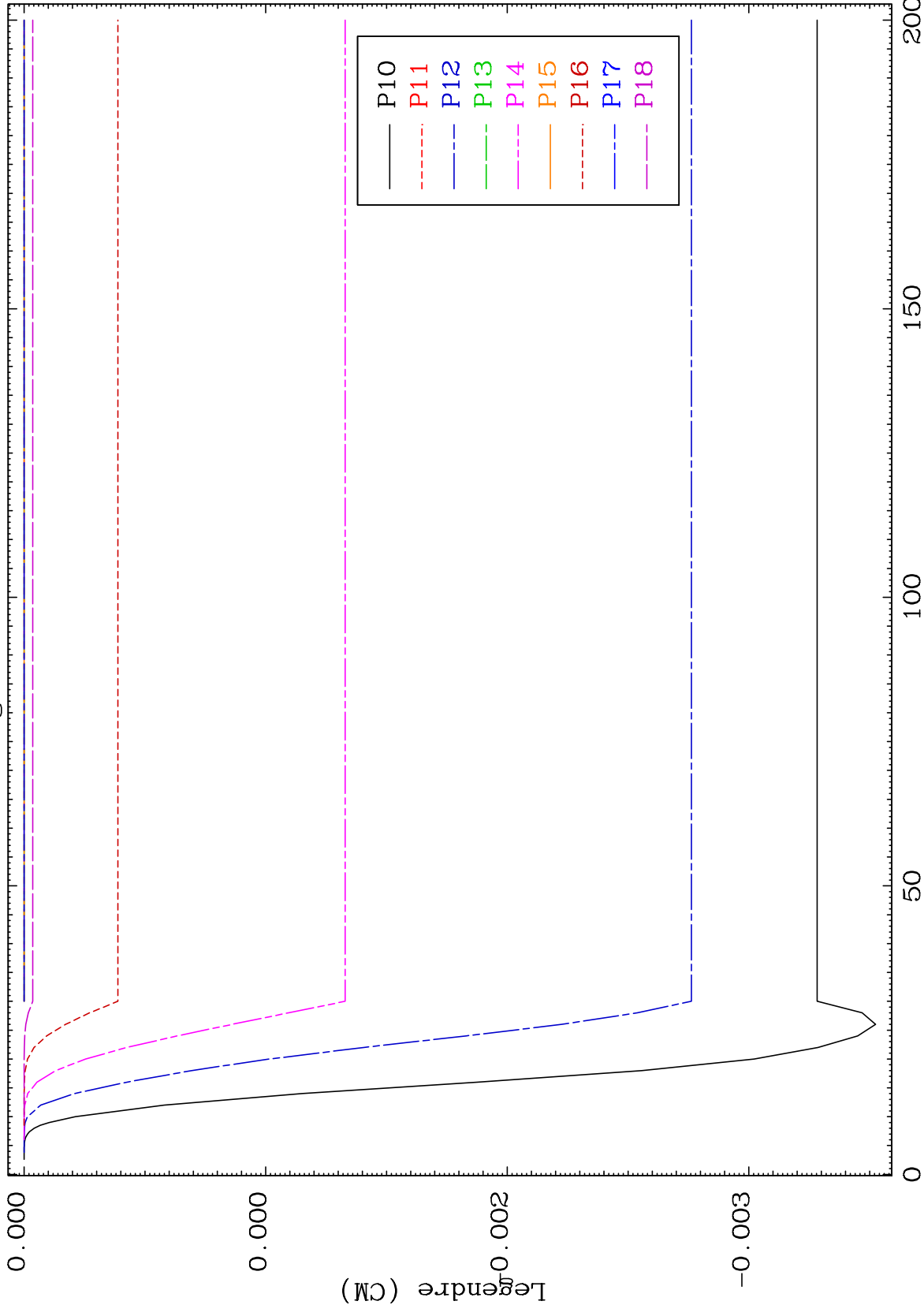


83 52-Te-118

MAT 5219

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

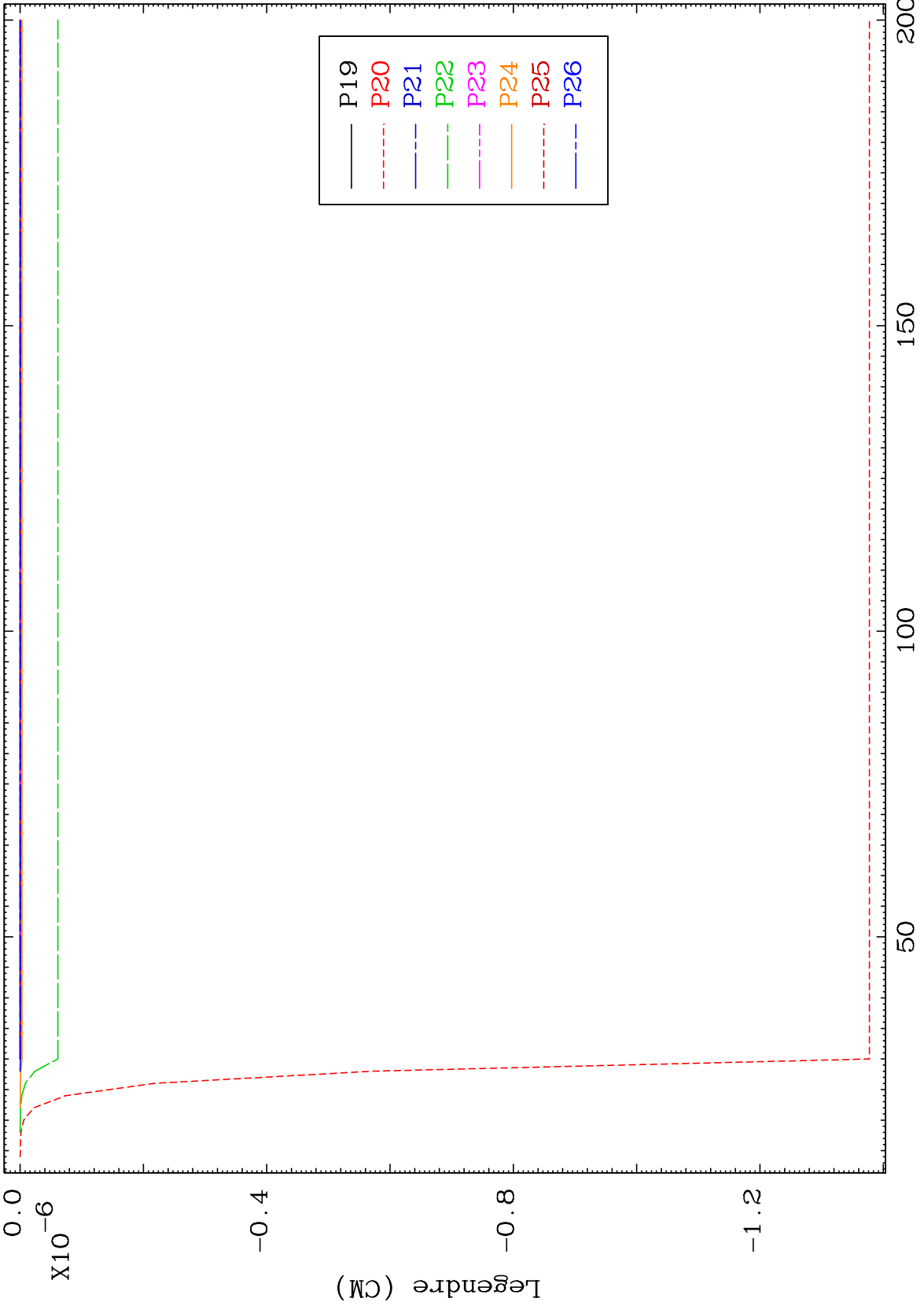
52-Te-118



52-Te-118

84

MAT 5219 MT= 68 (n,n') Level Legendre Coefficients 52-Te-118

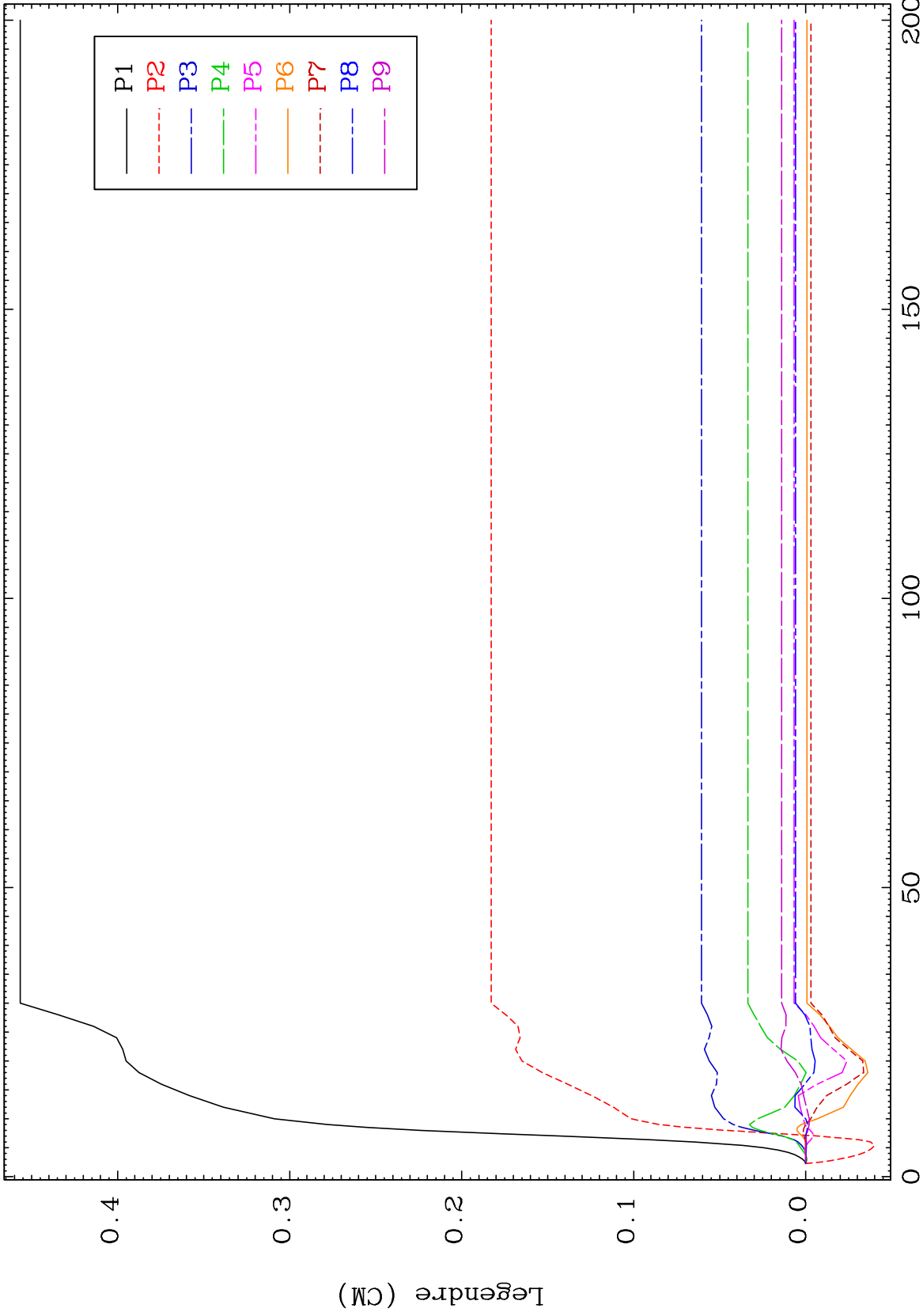


85 52-Te-118

MAT 5219

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

52-Te-118



86

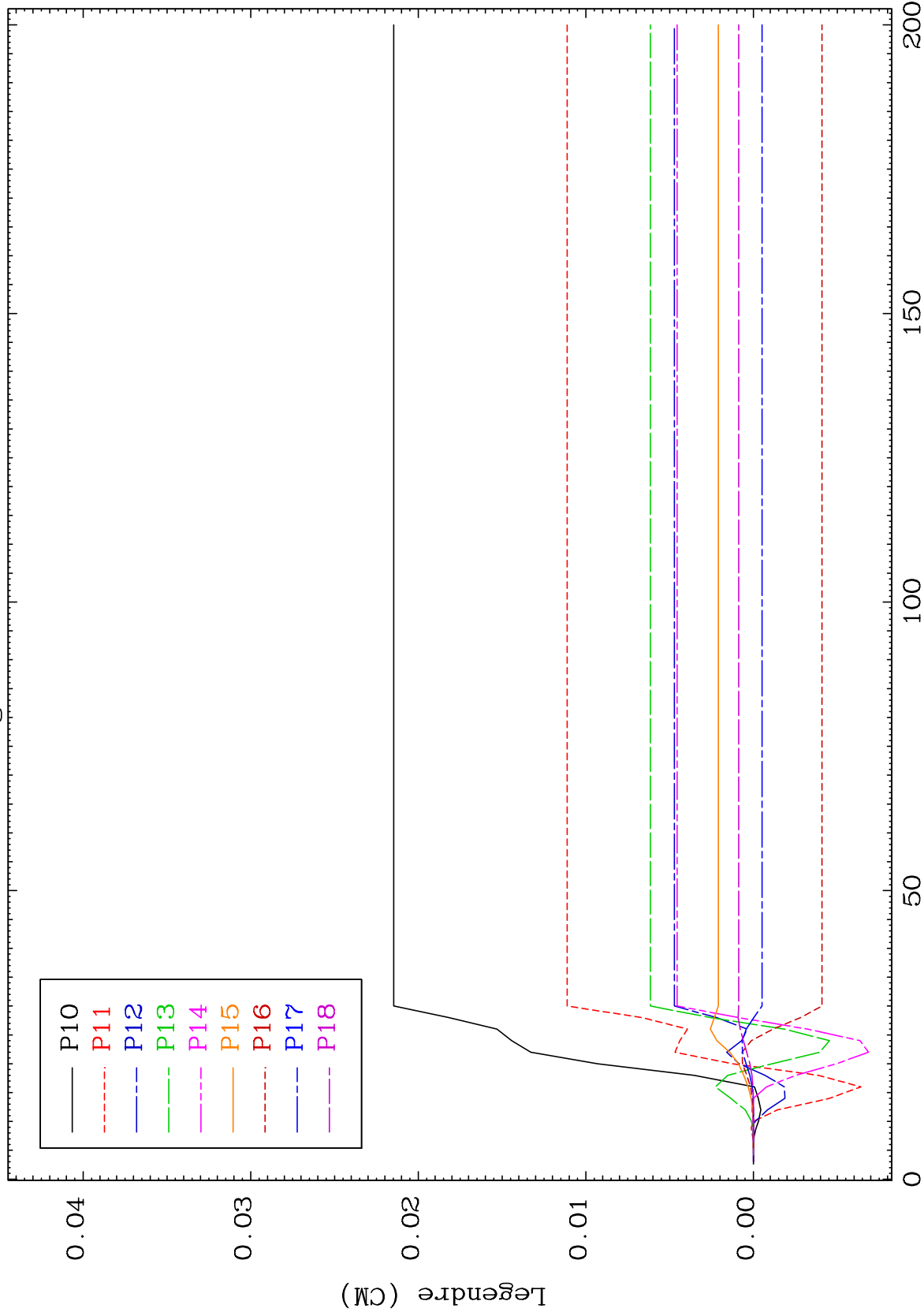
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



87

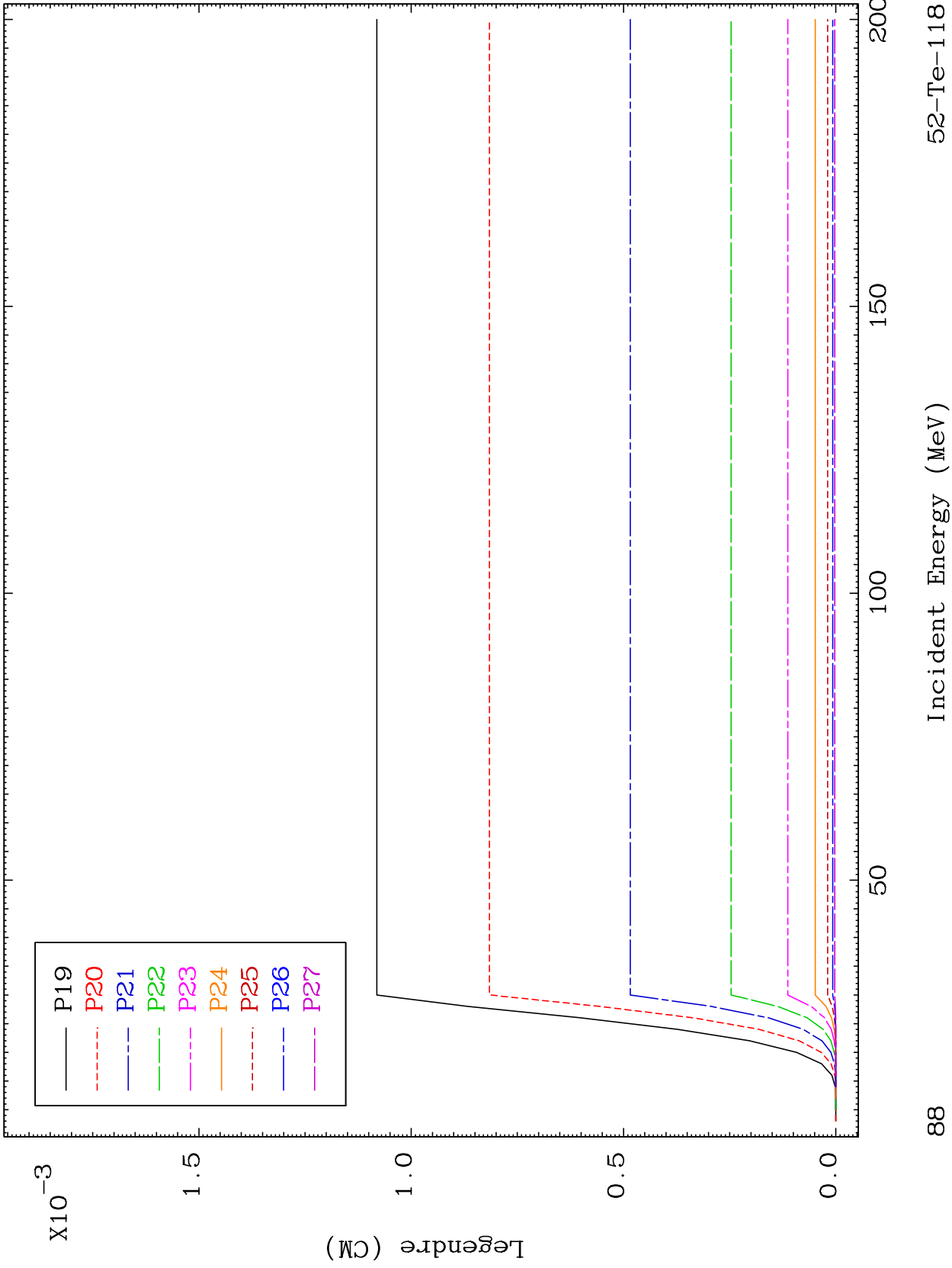
Incident Energy (MeV)

52-Te-118

MAT 5219

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

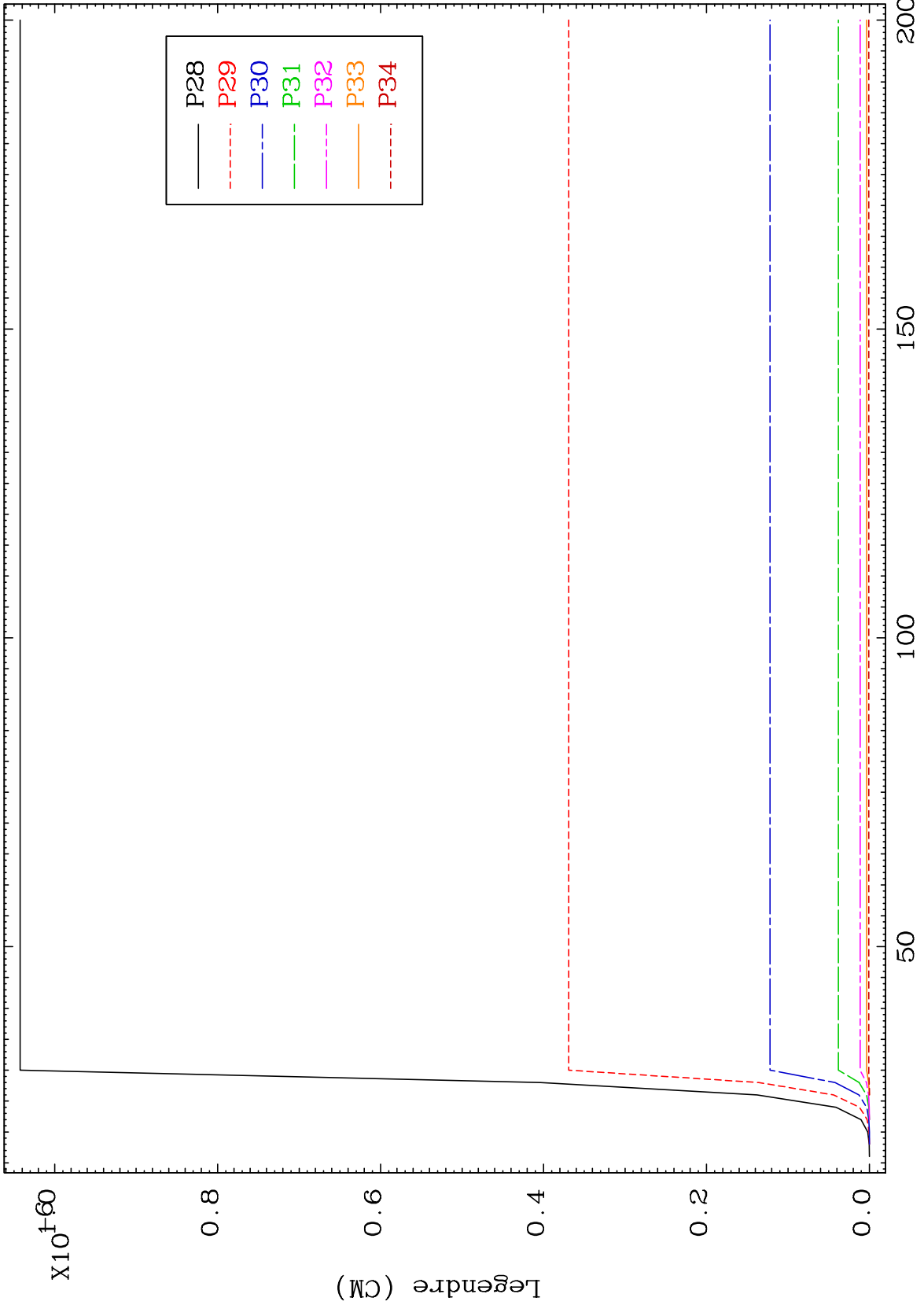
52-Te-118



MAT 5219

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

52-Te-118



89

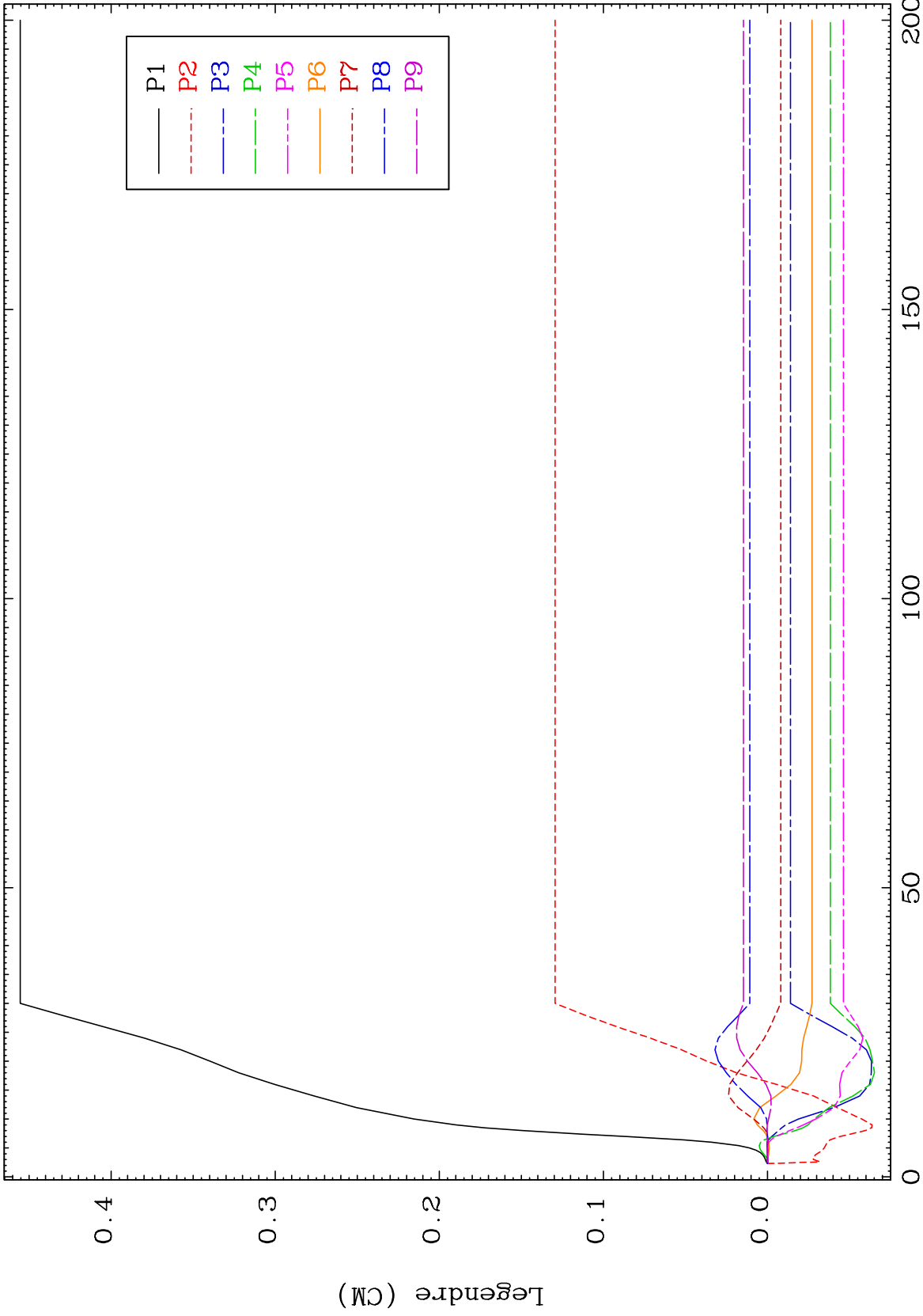
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



90

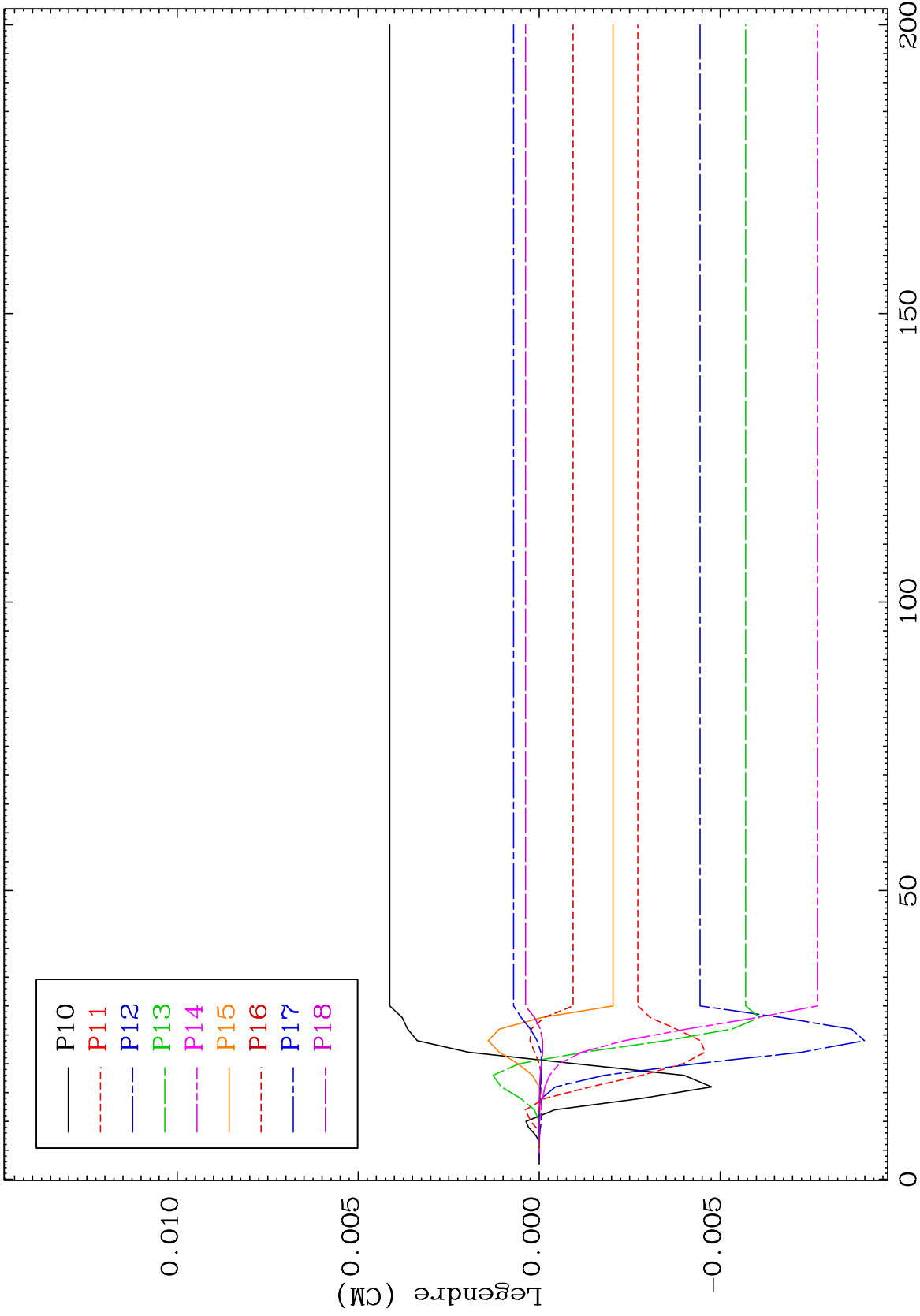
Incident Energy (MeV)

52-Te-118

MAT 5219

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

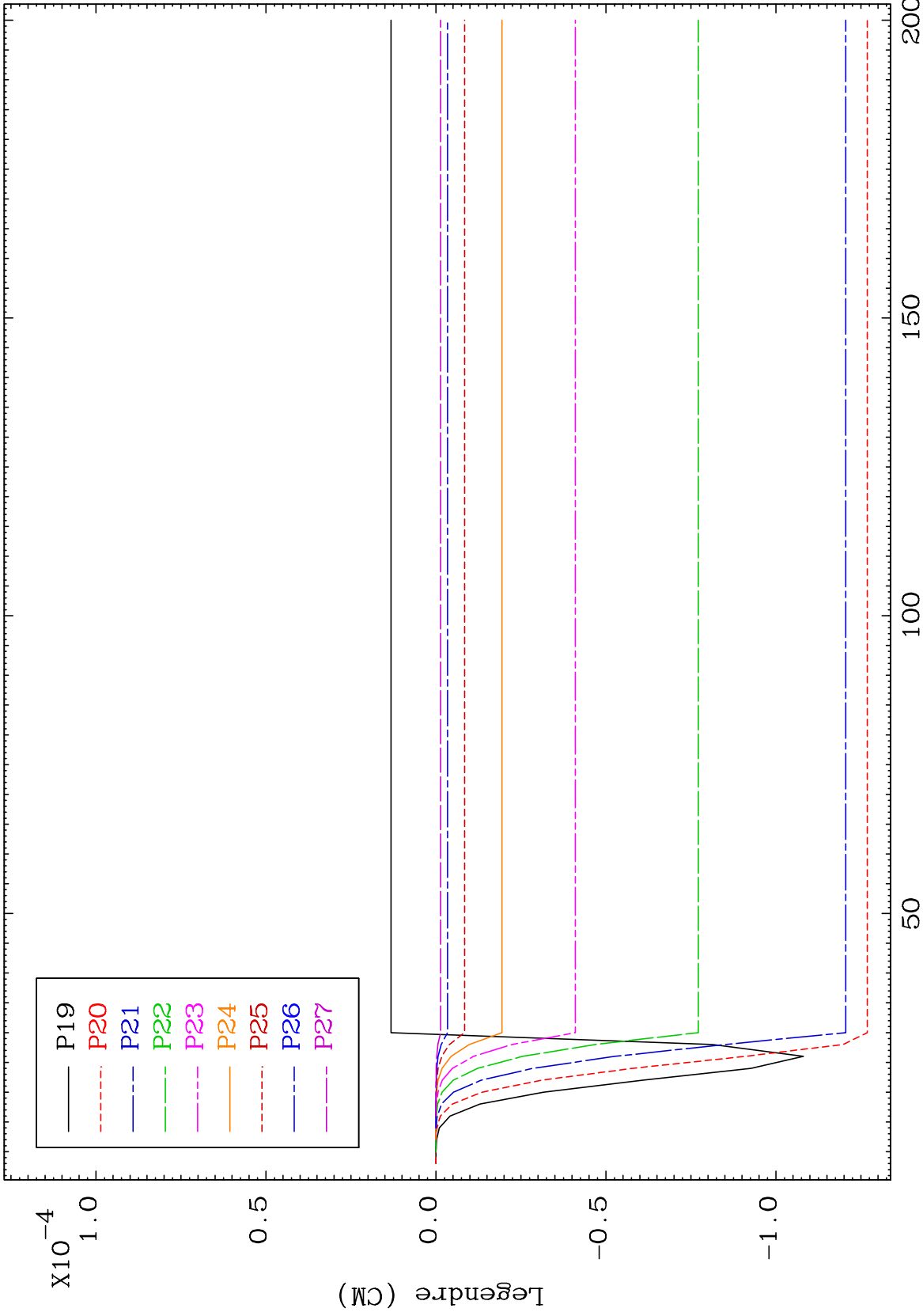
52-Te-118



MAT 5219

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

52-Te-118



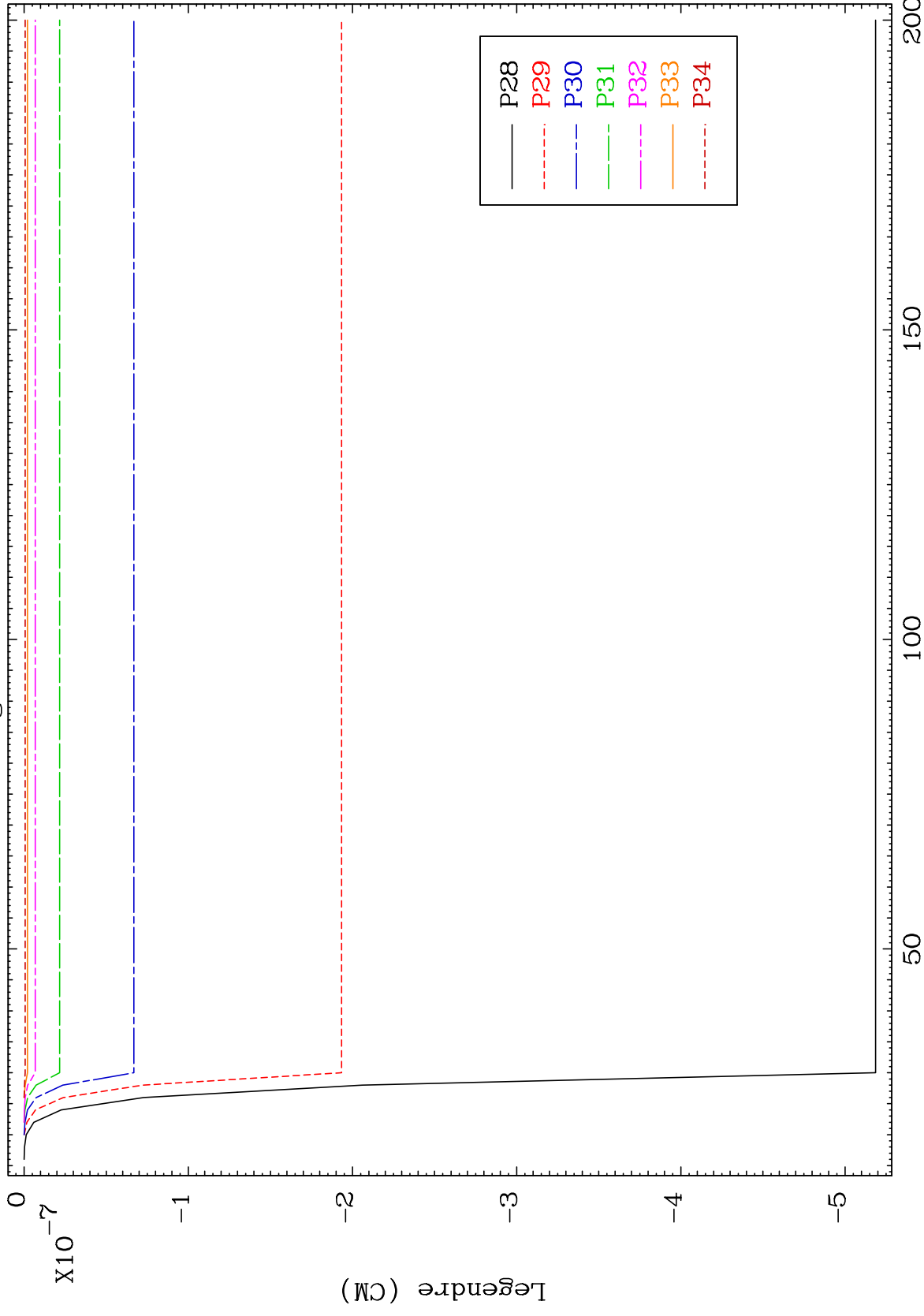
92

52-Te-118

MAT 5219

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

52-Te-118



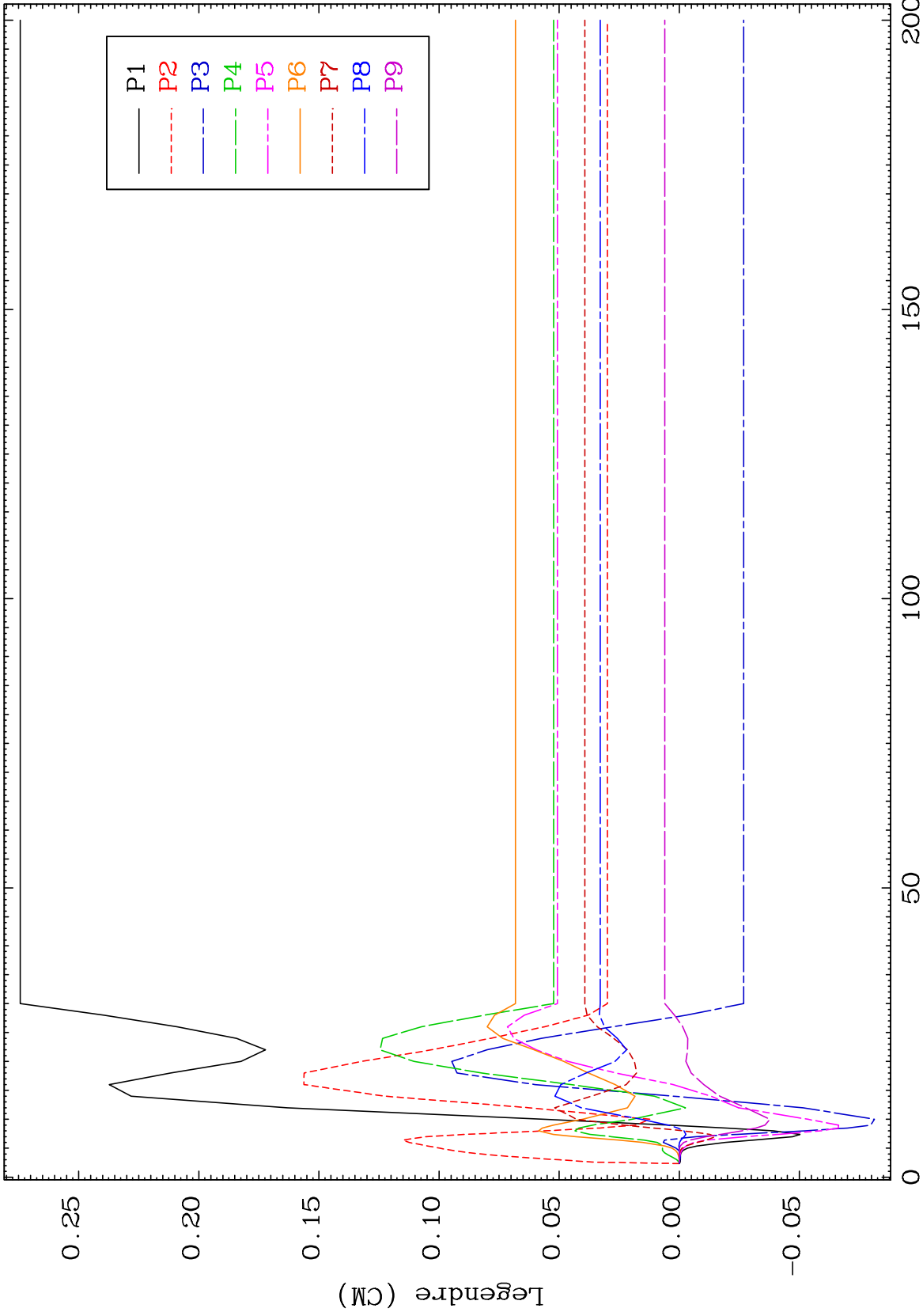
93

52-Te-118

MAT 5219

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

52-Te-118



94

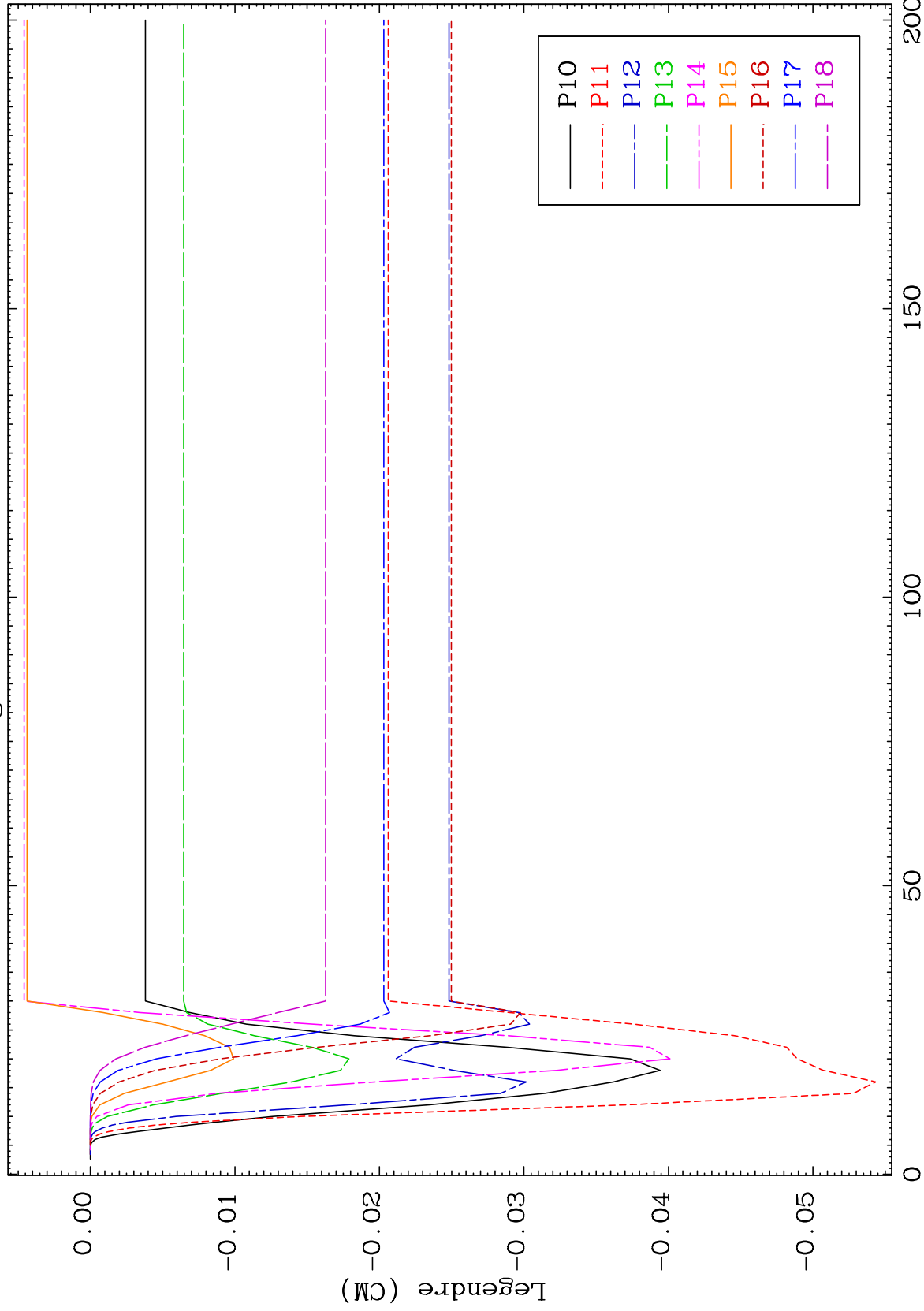
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118

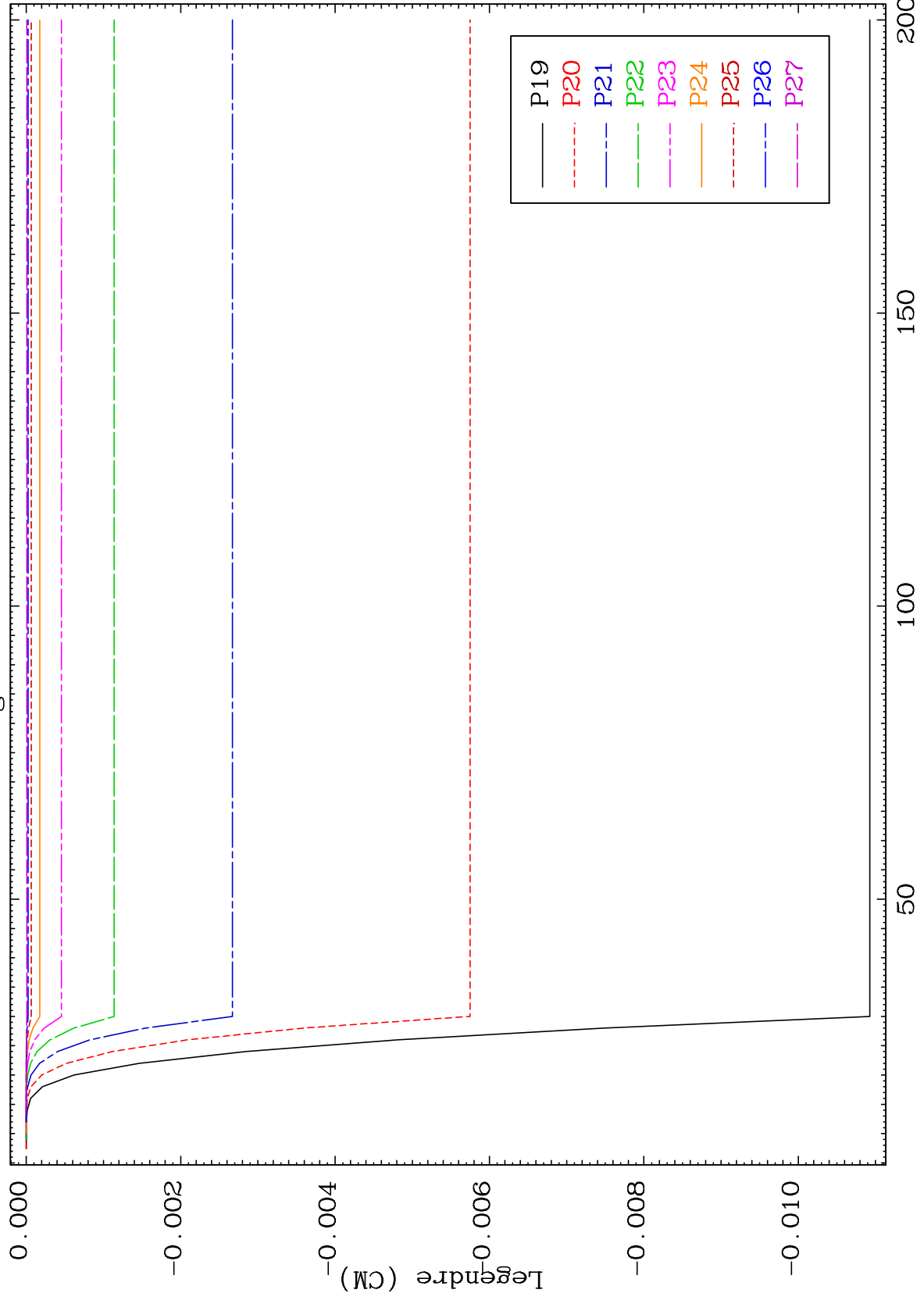


95

Incident Energy (MeV)

52-Te-118

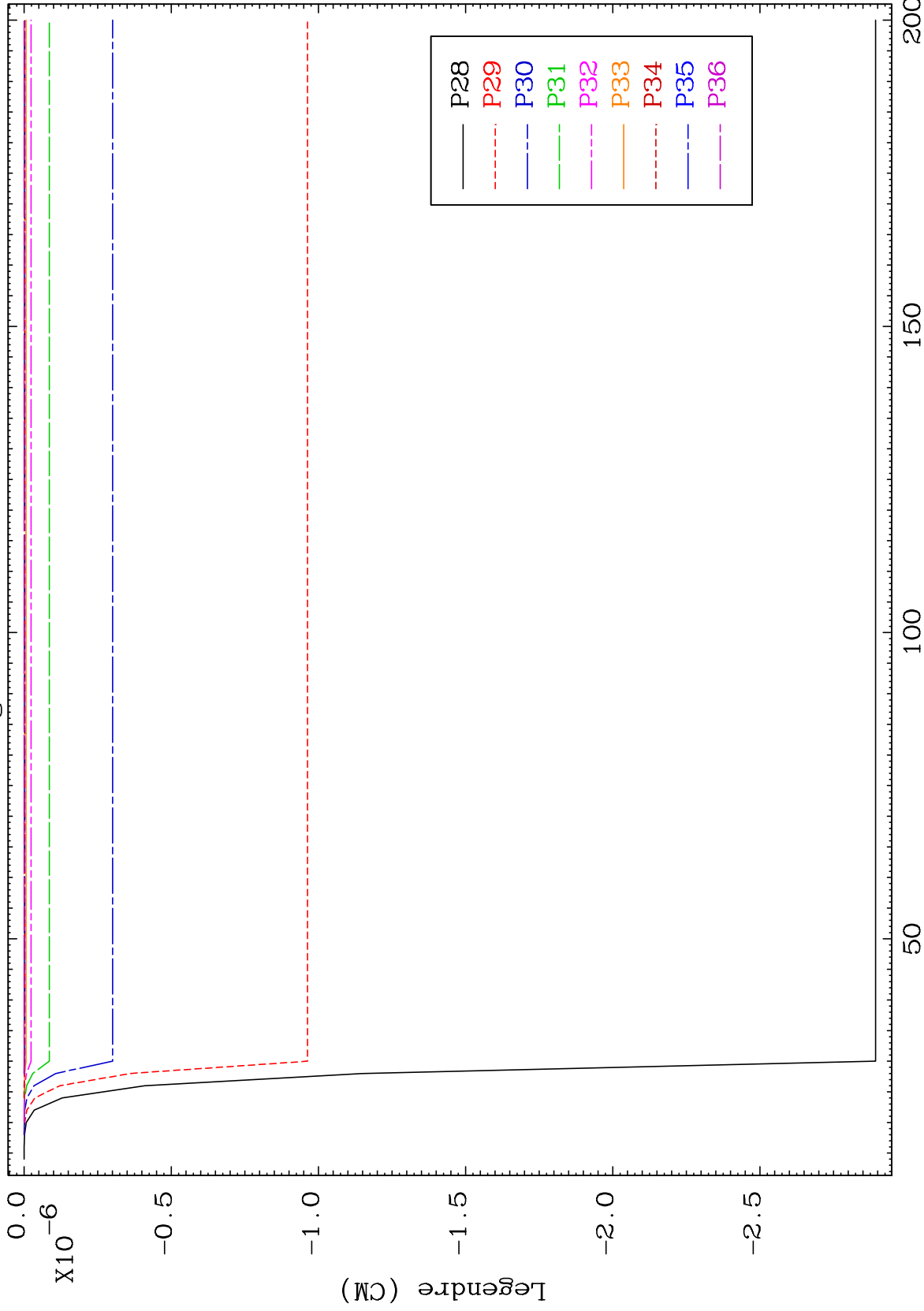
MAT 5219 MT= 71 (n,n') Level Legendre Coefficients 52-Te-118



MAT 5219

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

52-Te-118



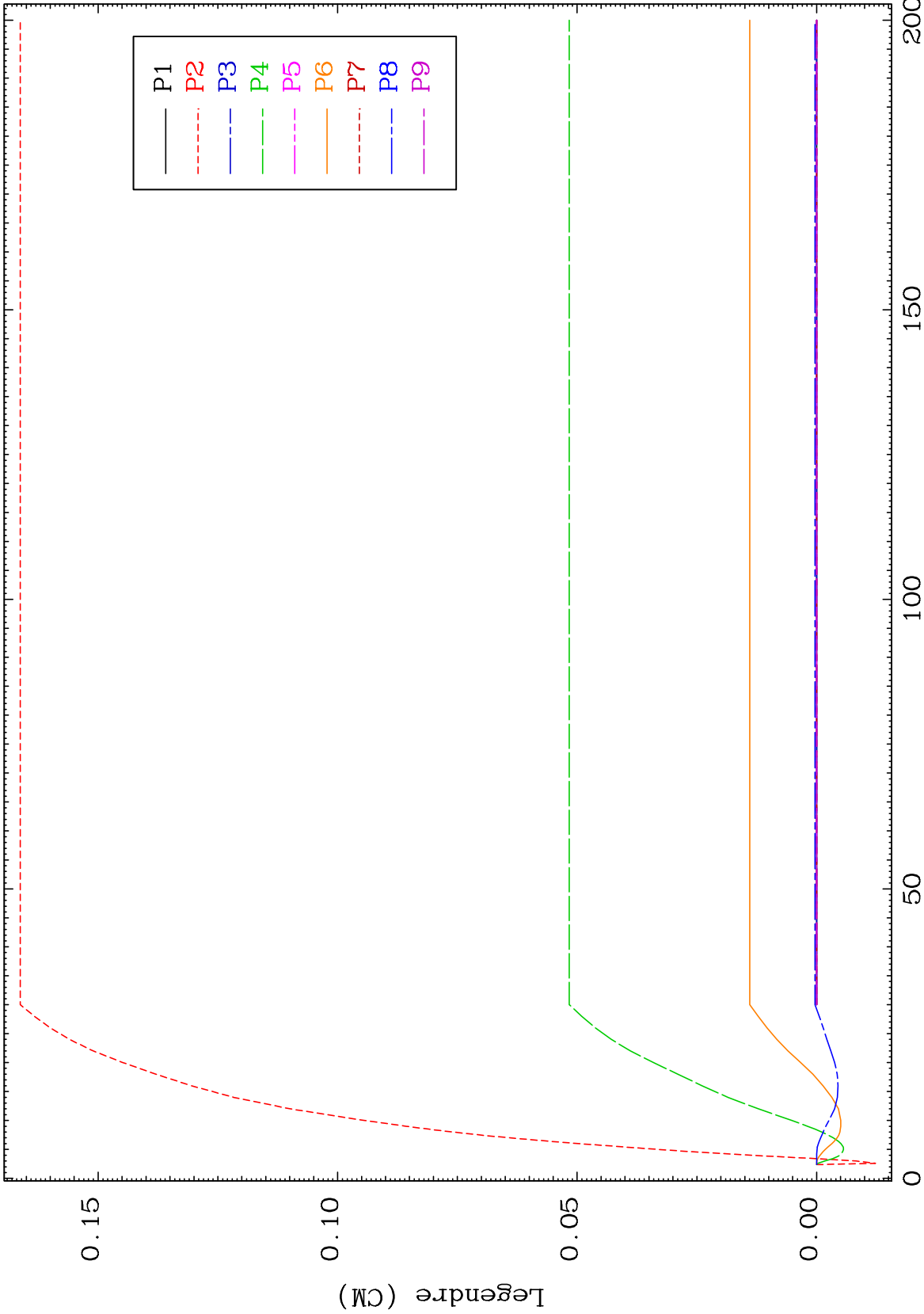
97

52-Te-118

MAT 5219

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

52-Te-118



98

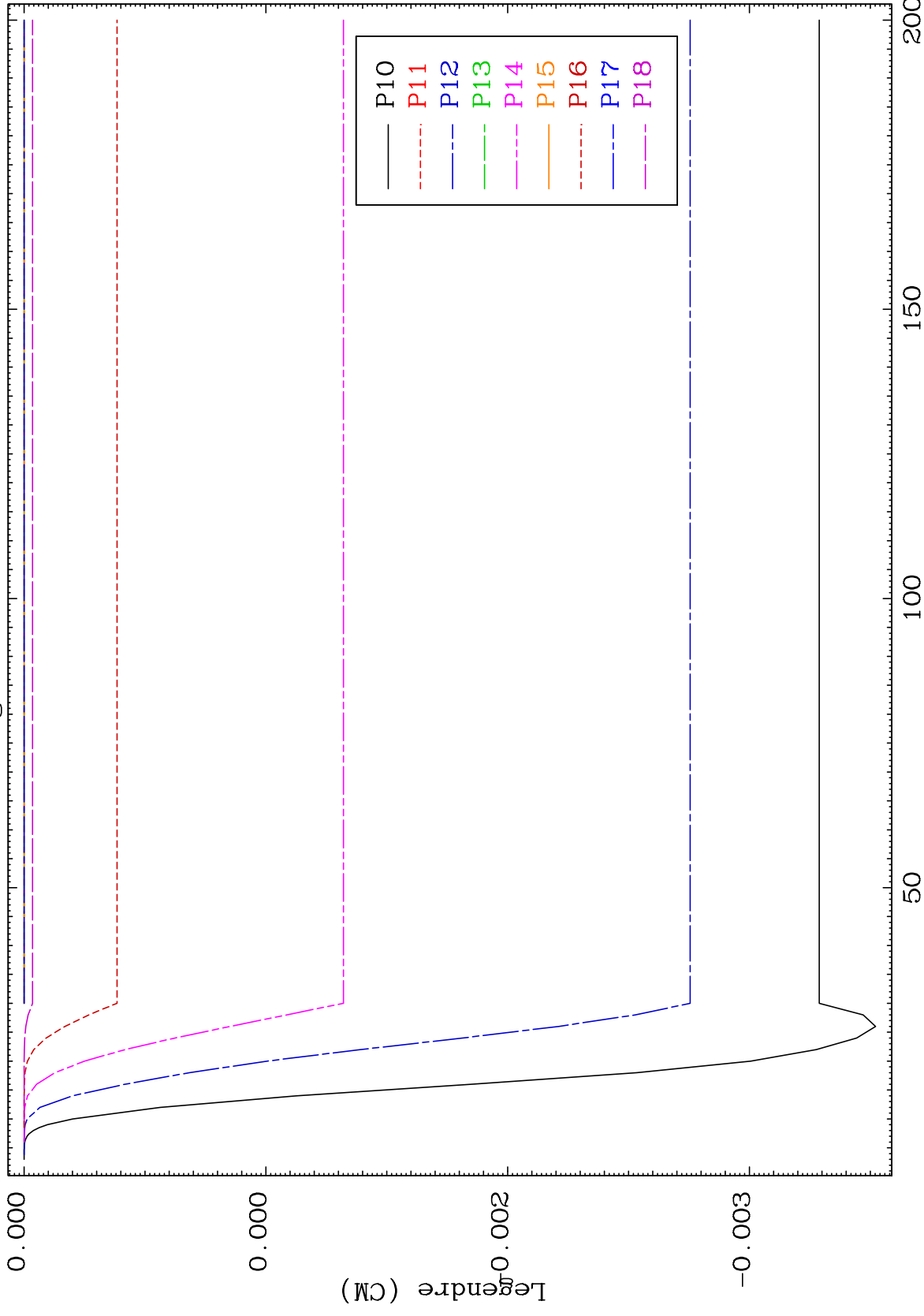
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



52-Te-118

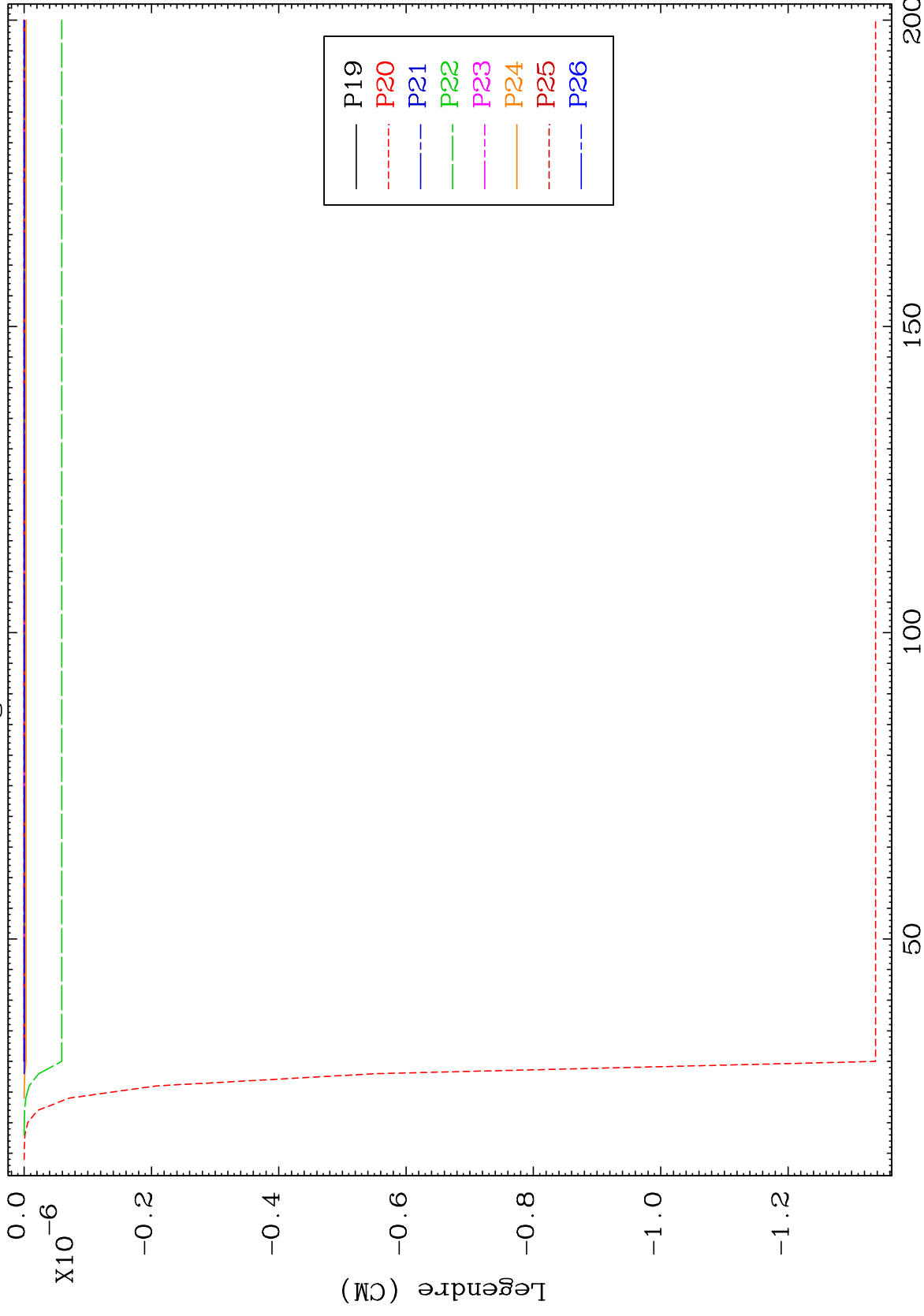
Incident Energy (MeV)

99

MAT 5219

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

52-Te-118

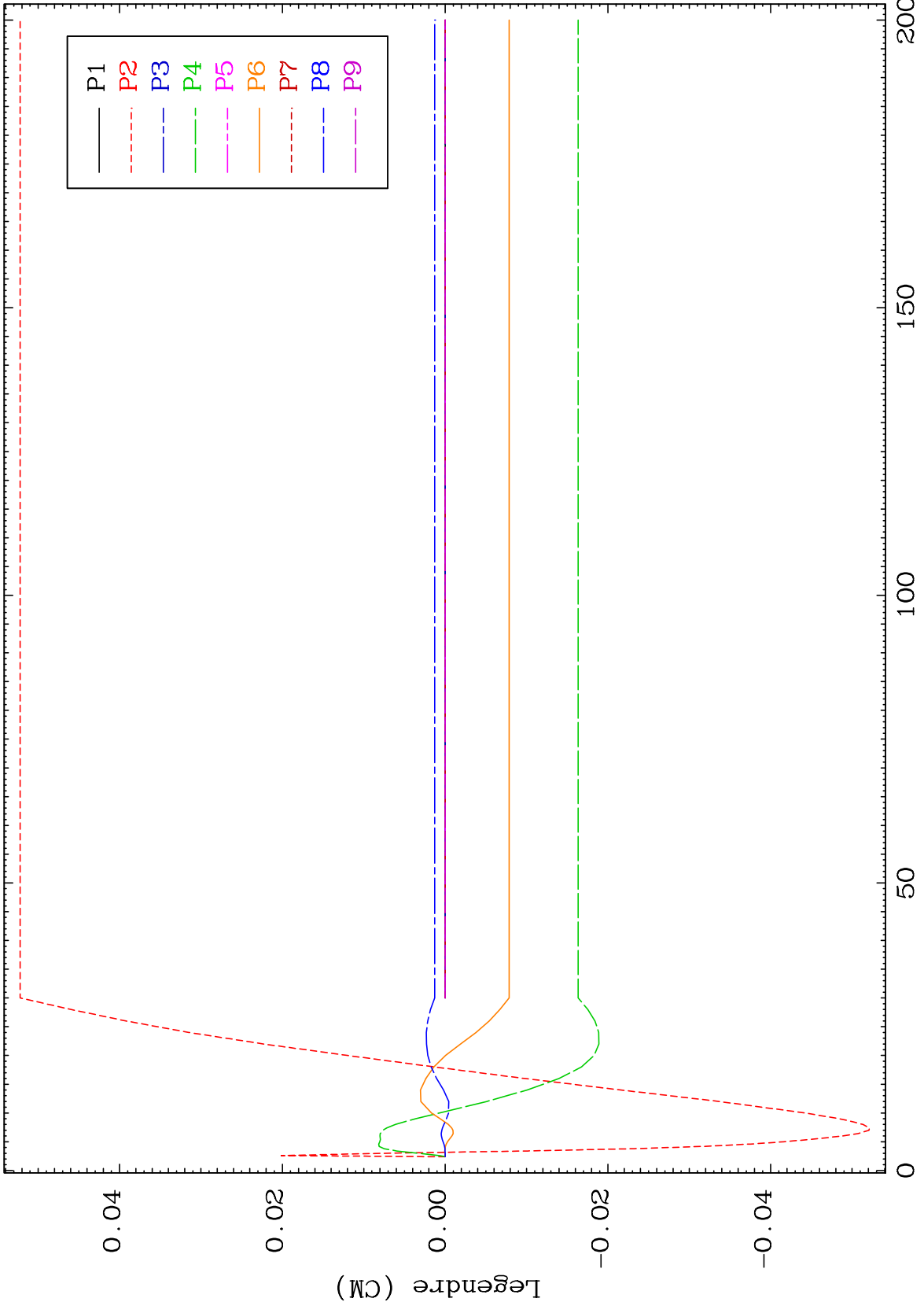


52-Te-118

Incident Energy (MeV)

100

MAT 5219 MT= 73 (n,n') Level Legendre Coefficients 52-Te-118

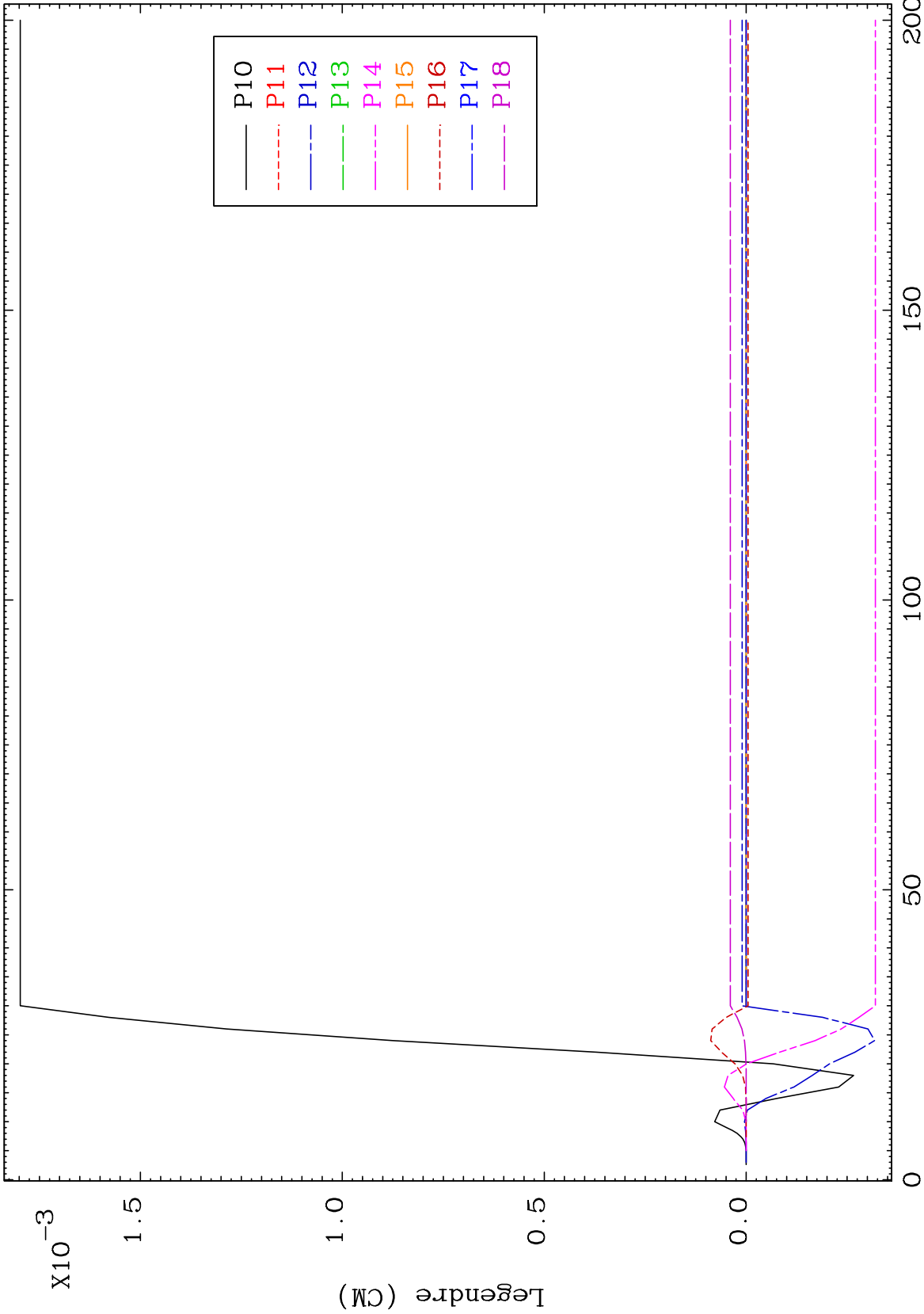


101 Incident Energy (MeV) 52-Te-118

MAT 5219

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

52-Te-118

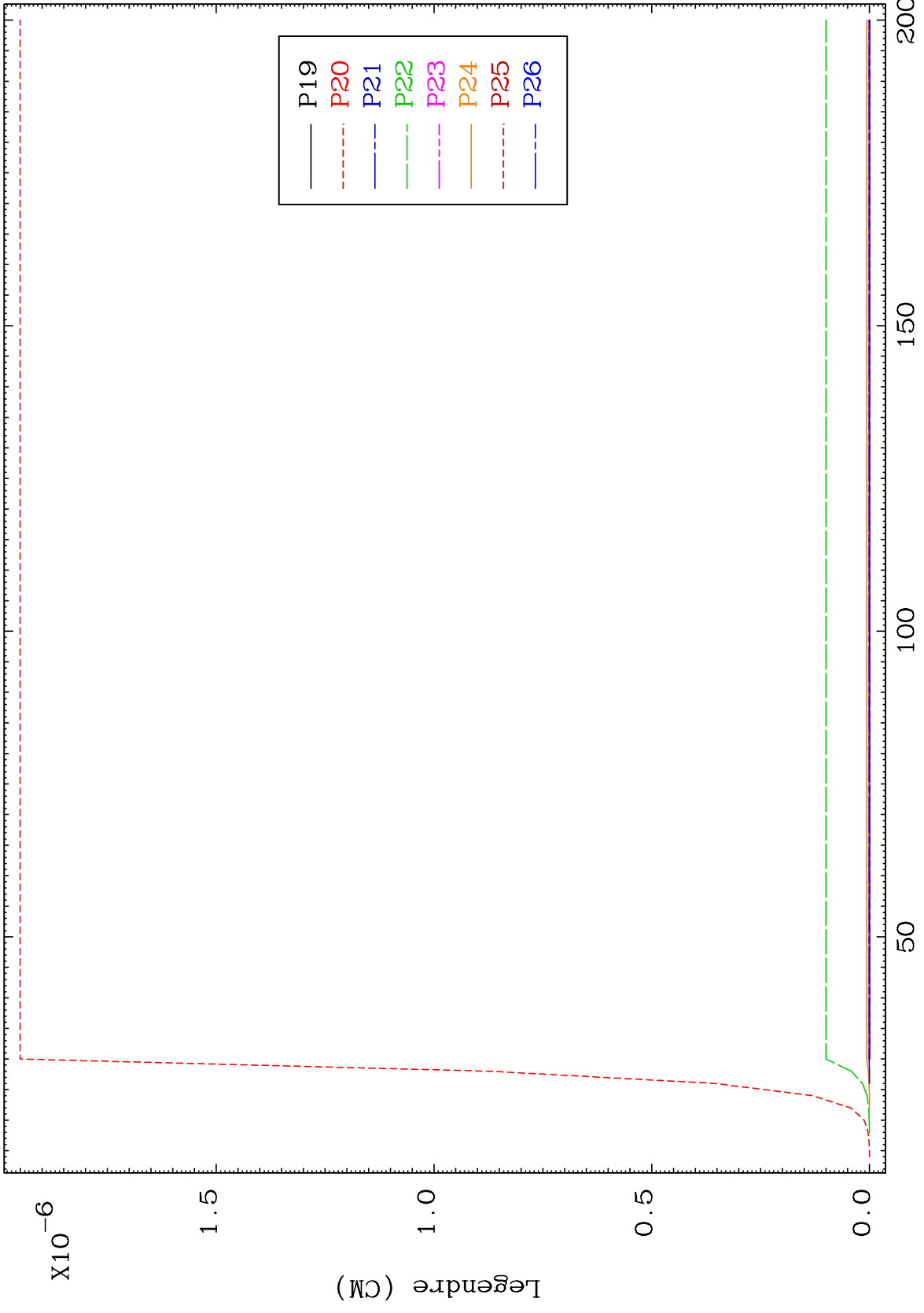


102

Incident Energy (MeV)

52-Te-118

MAT 5219 MT= 73 (n,n') Level Legendre Coefficients 52-Te-118

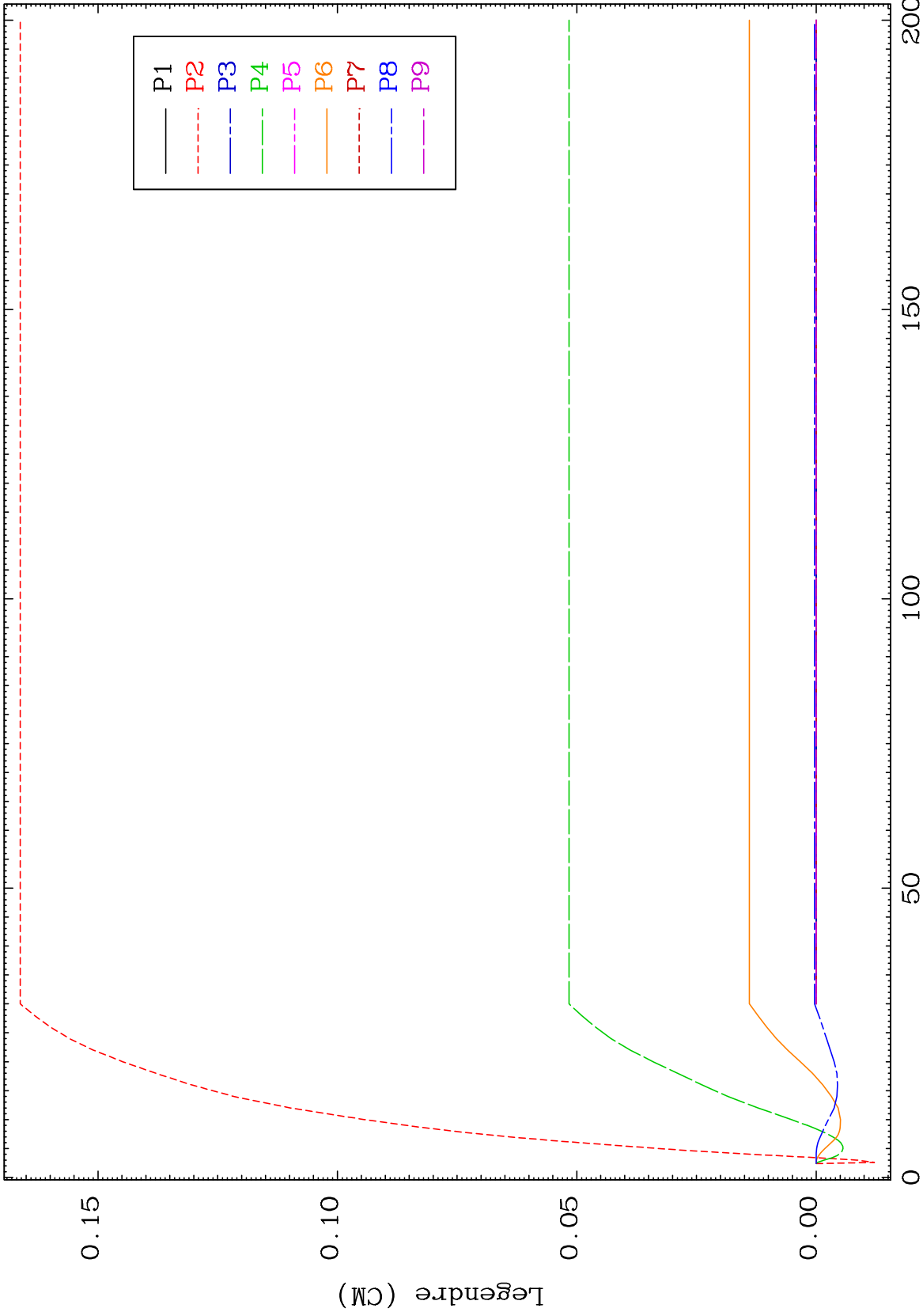


52-Te-118

MAT 5219

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

52-Te-118



104

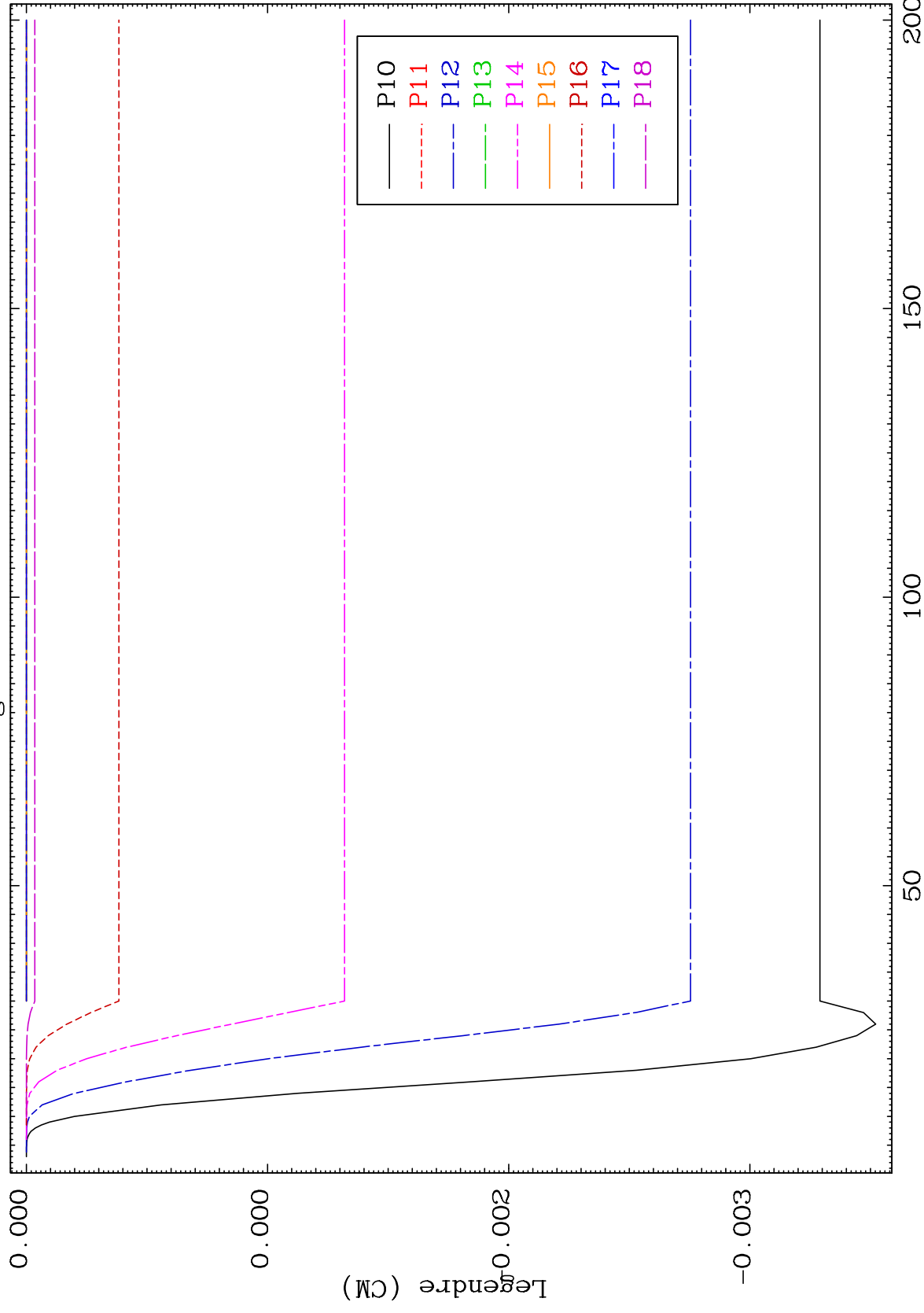
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



105

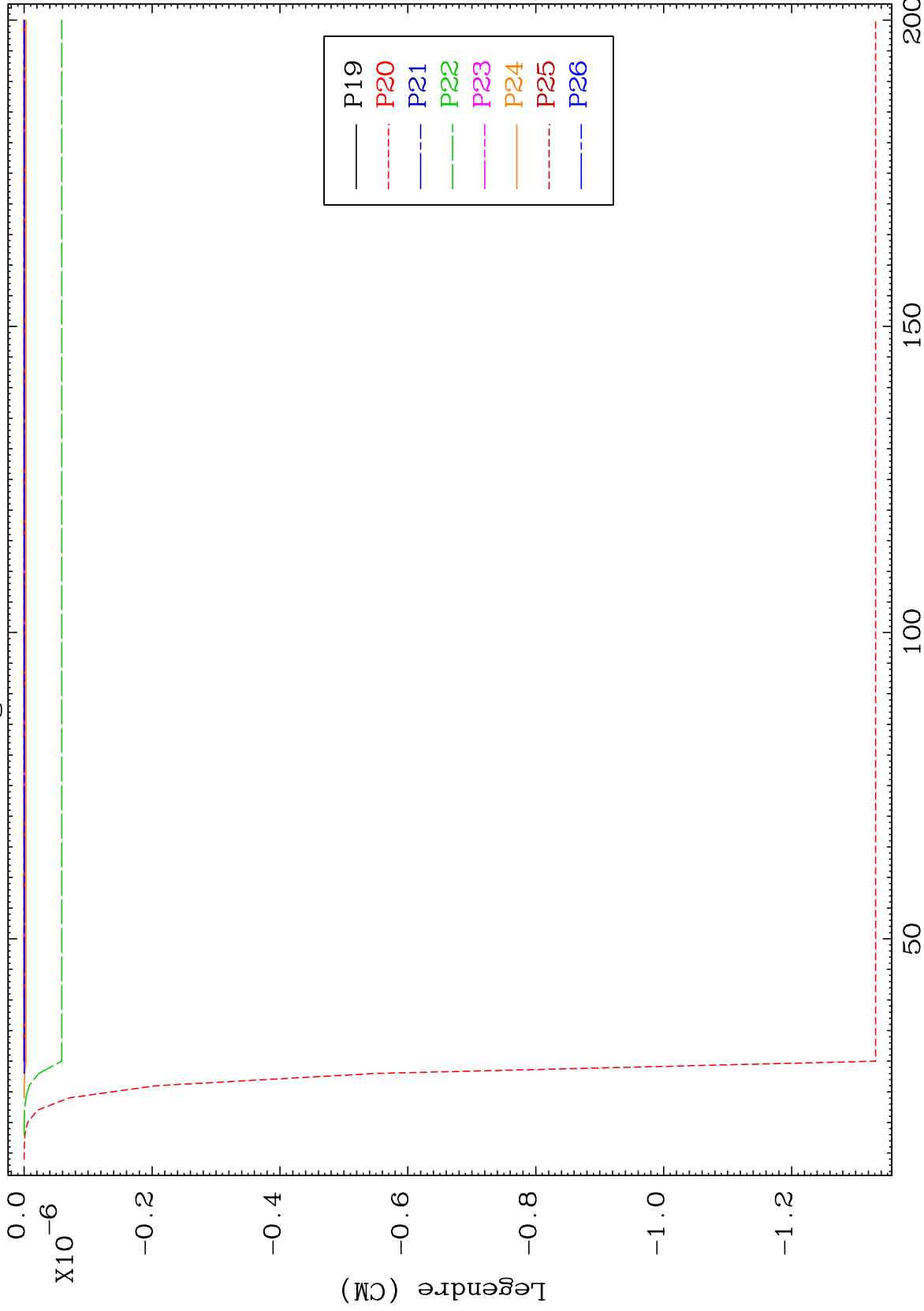
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



106

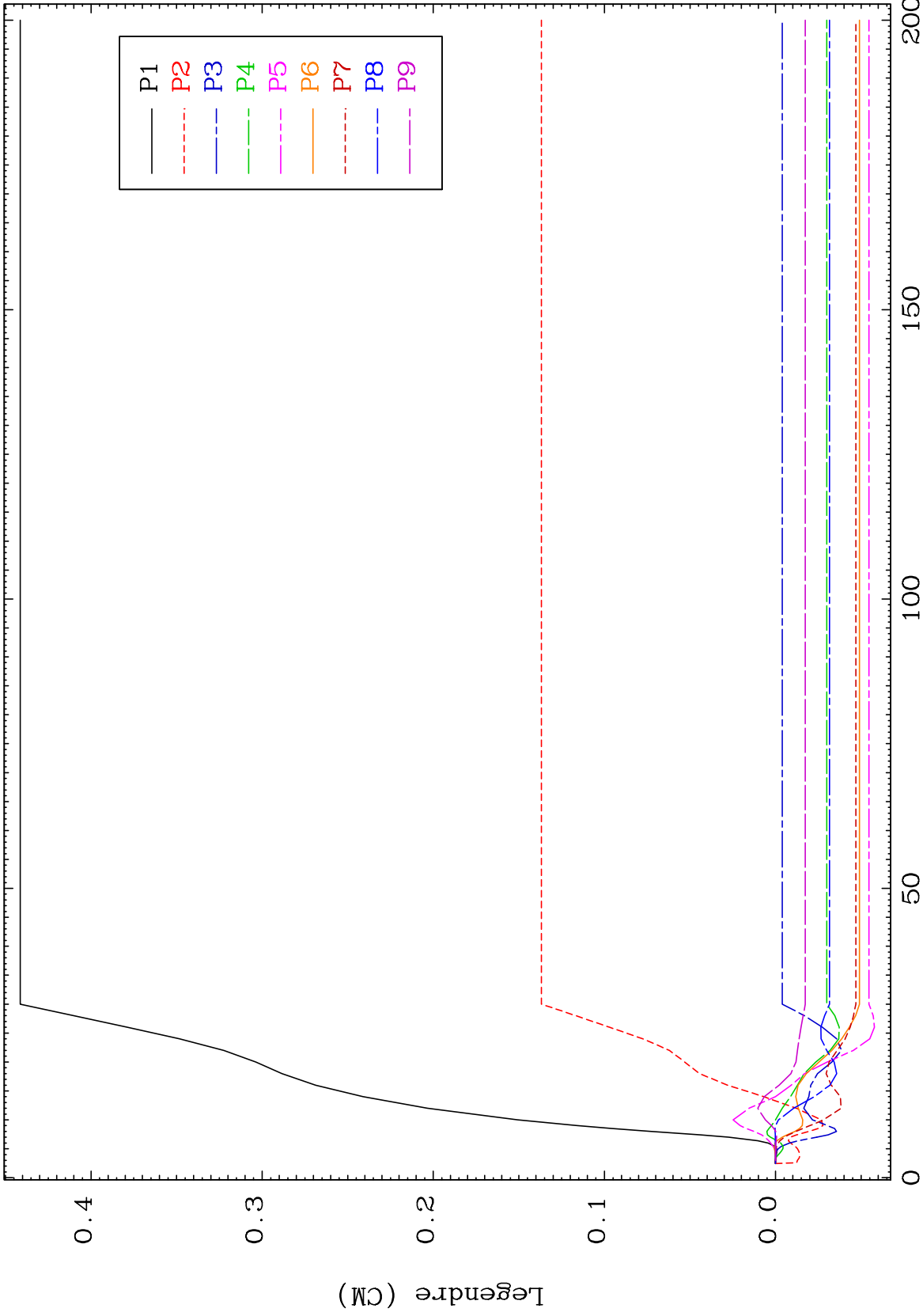
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



107

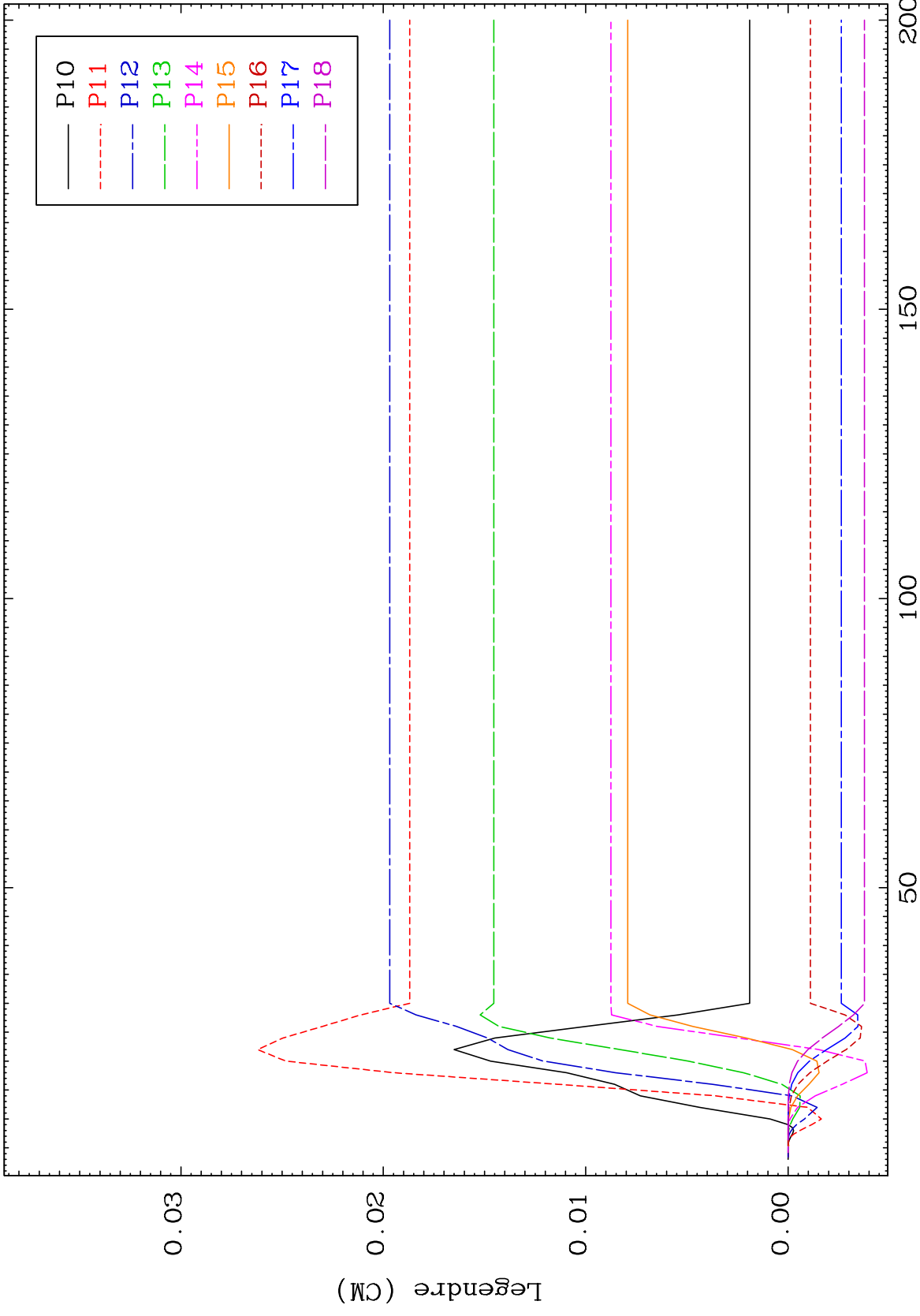
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118

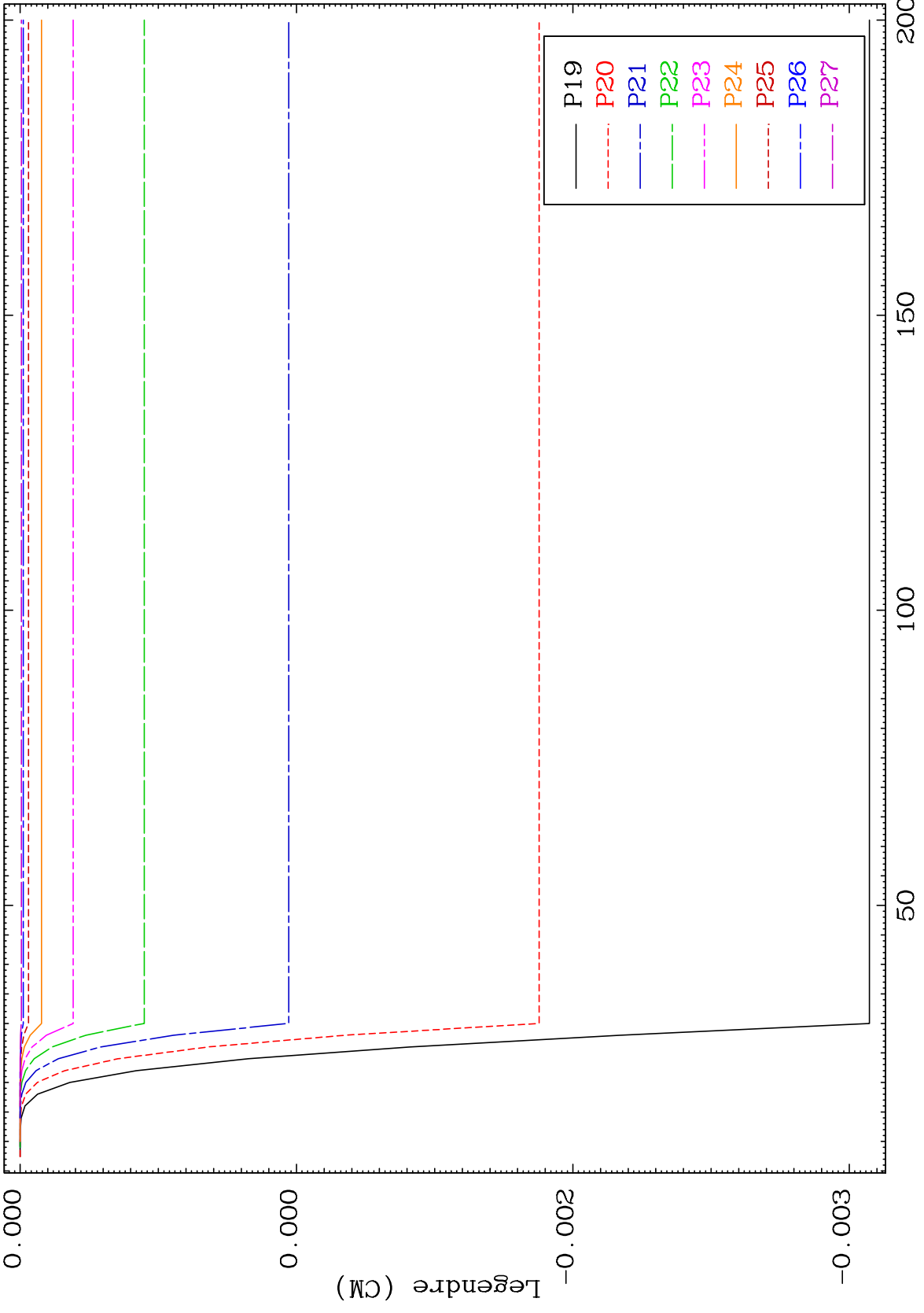


108

Incident Energy (MeV)

52-Te-118

MAT 5219 MT= 75 (n,n') Level Legendre Coefficients 52-Te-118

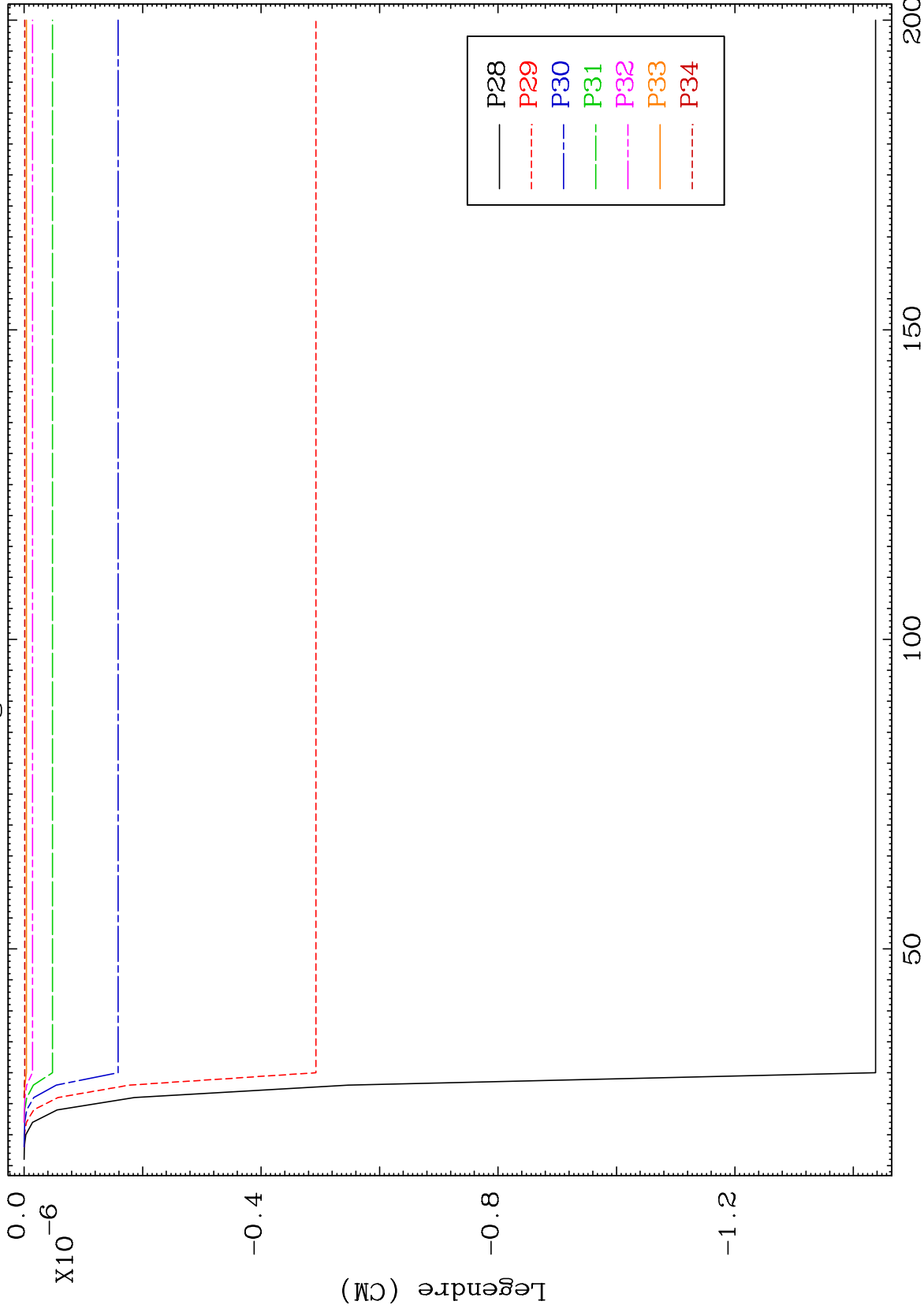


109 52-Te-118

MAT 5219

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

52-Te-118



52-Te-118

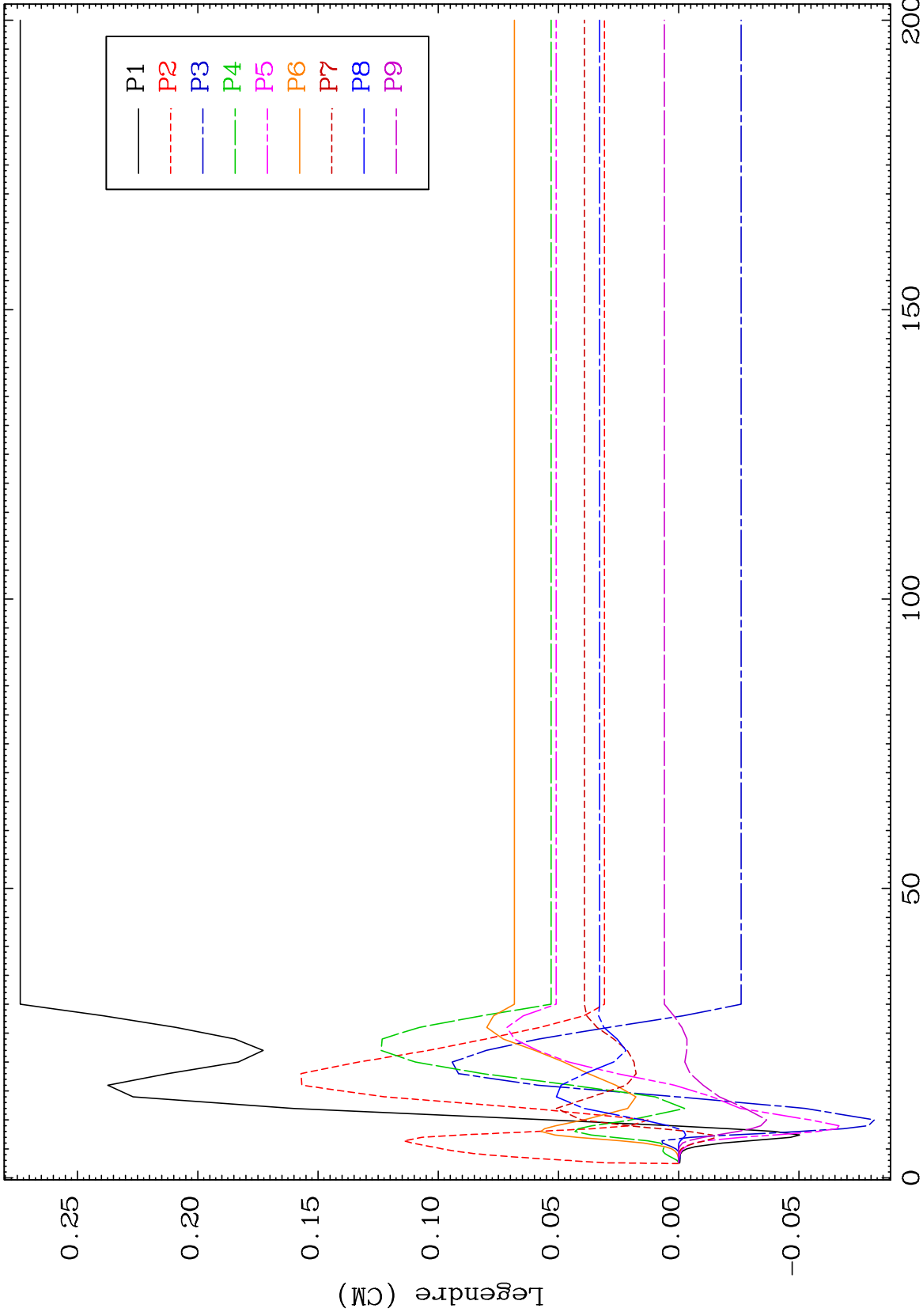
Incident Energy (MeV)

110

MAT 5219

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

52-Te-118



111

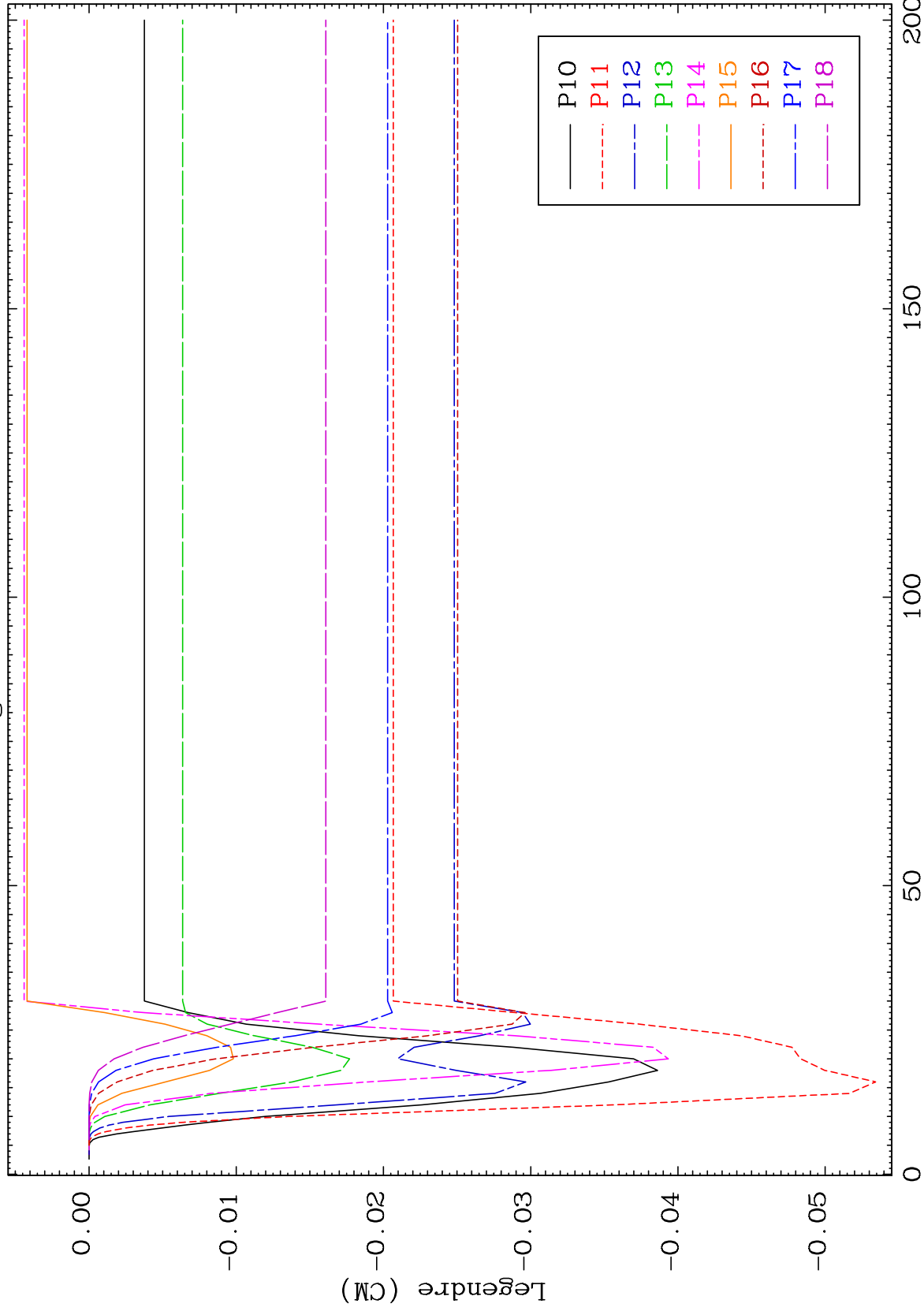
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118

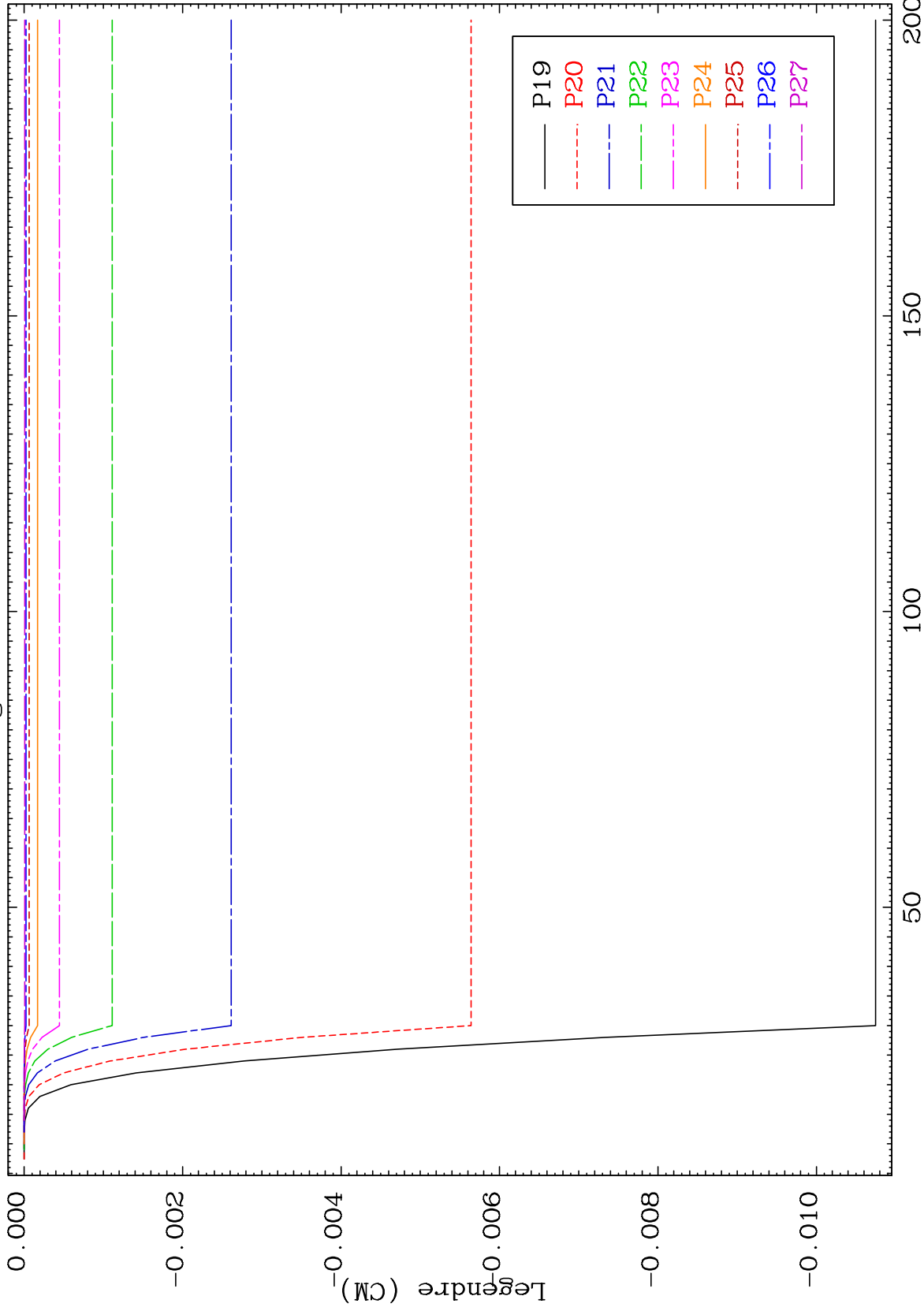


112

Incident Energy (MeV)

52-Te-118

MAT 5219 MT= 76 (n,n') Level Legendre Coefficients 52-Te-118

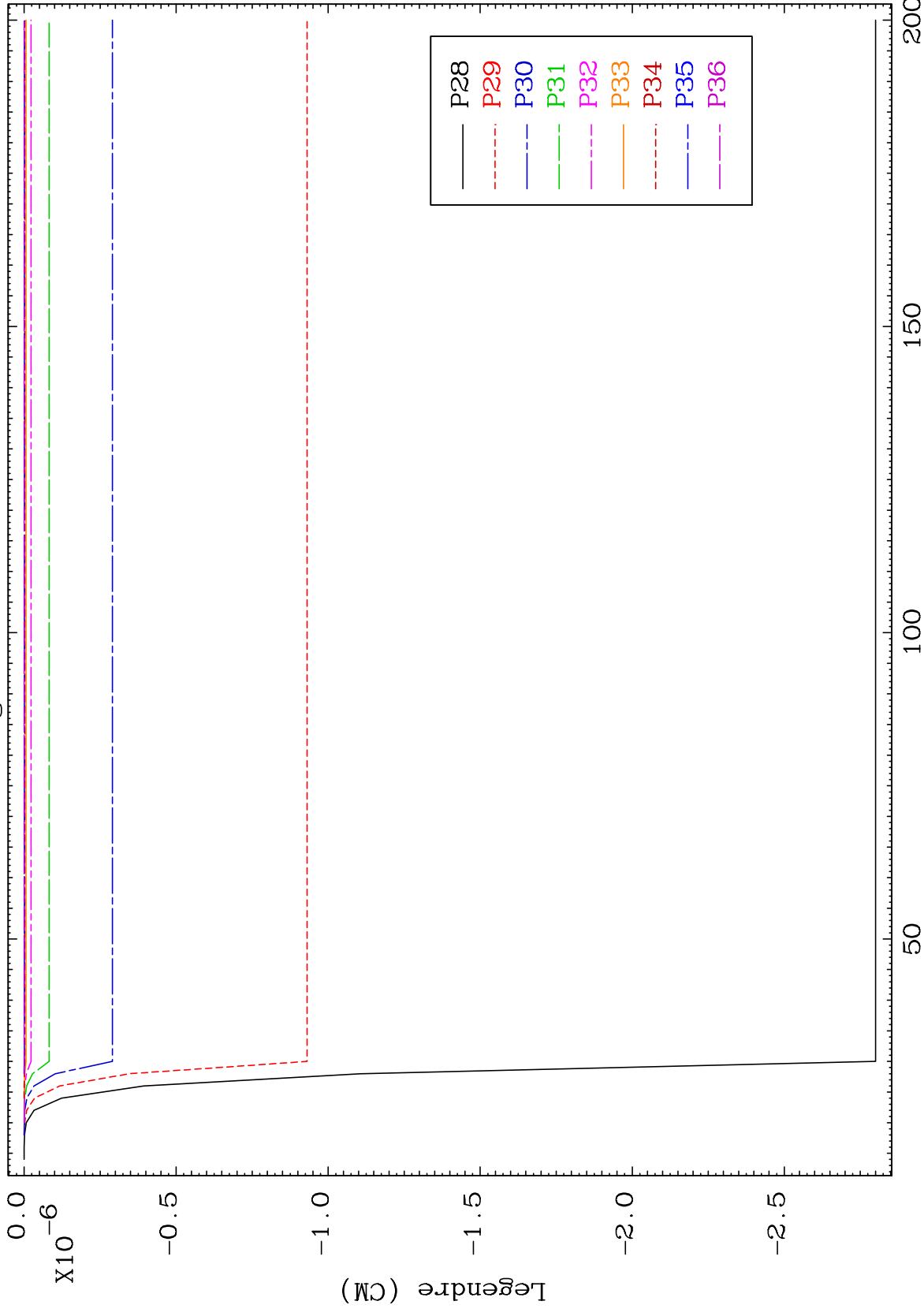


113 52-Te-118

MAT 5219

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

52-Te-118

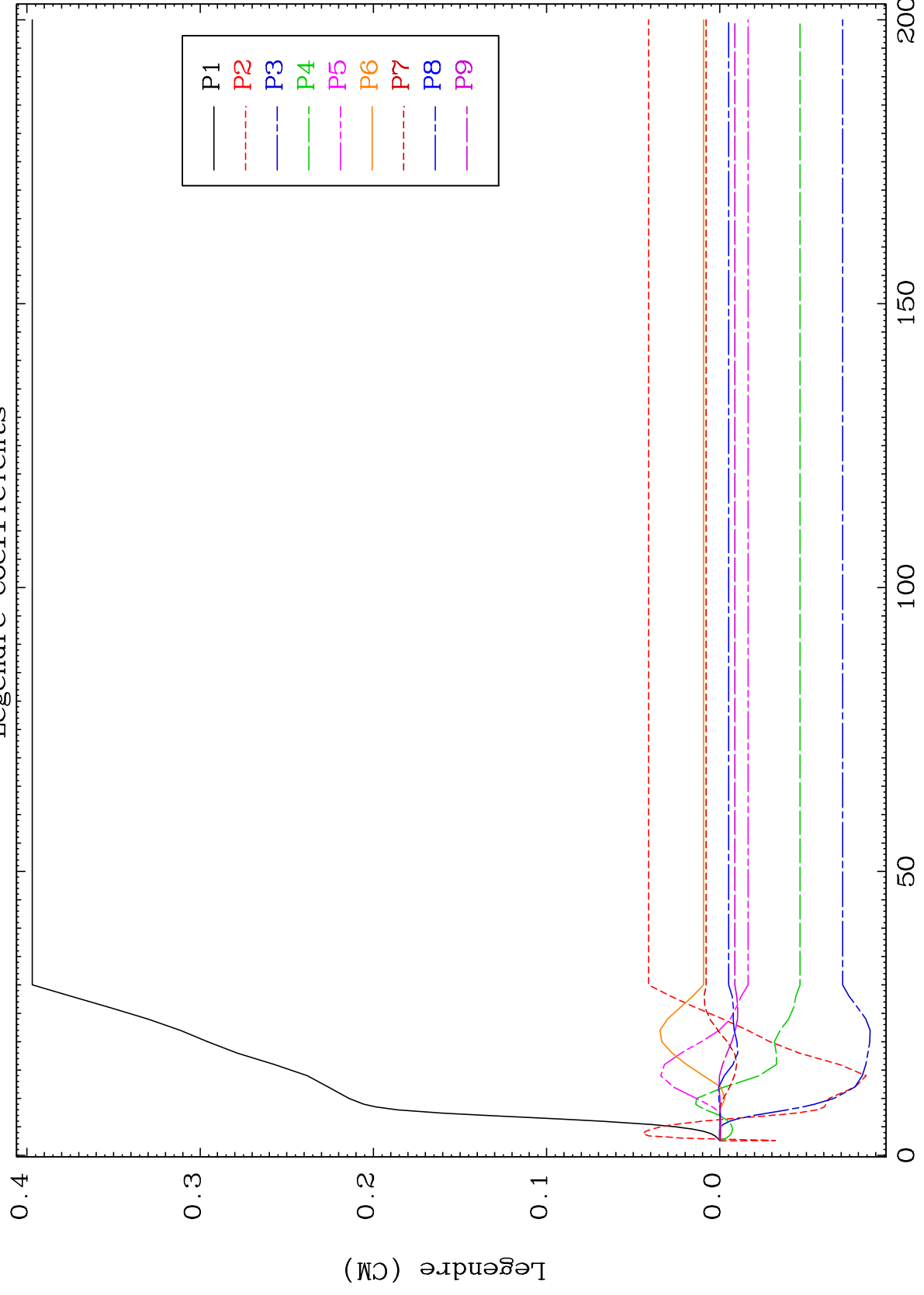


52-Te-118

Incident Energy (MeV)

114

MAT 5219 MT= 77 (n,n') Level Legendre Coefficients 52-Te-118

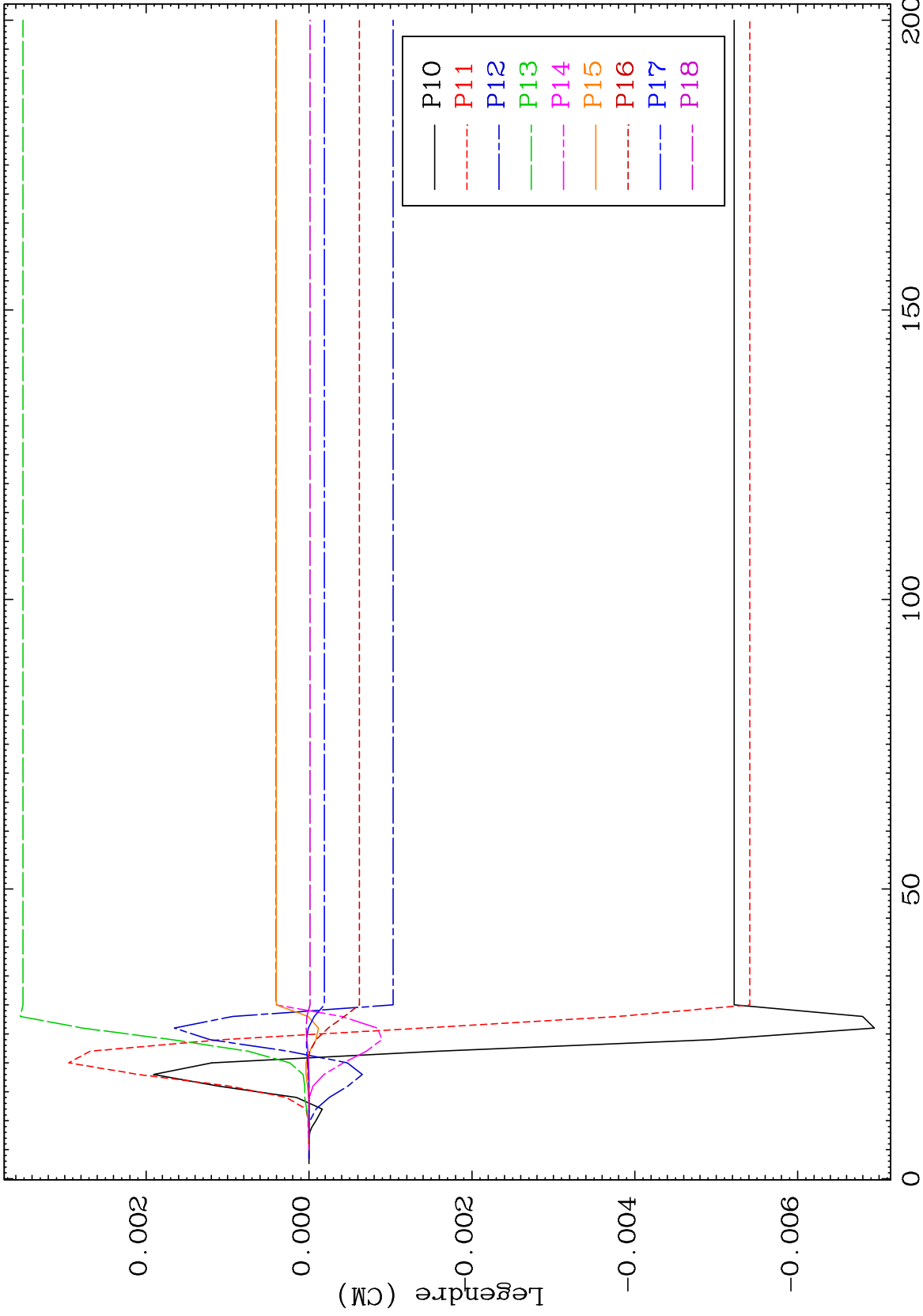


115 52-Te-118

MAT 5219

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

52-Te-118



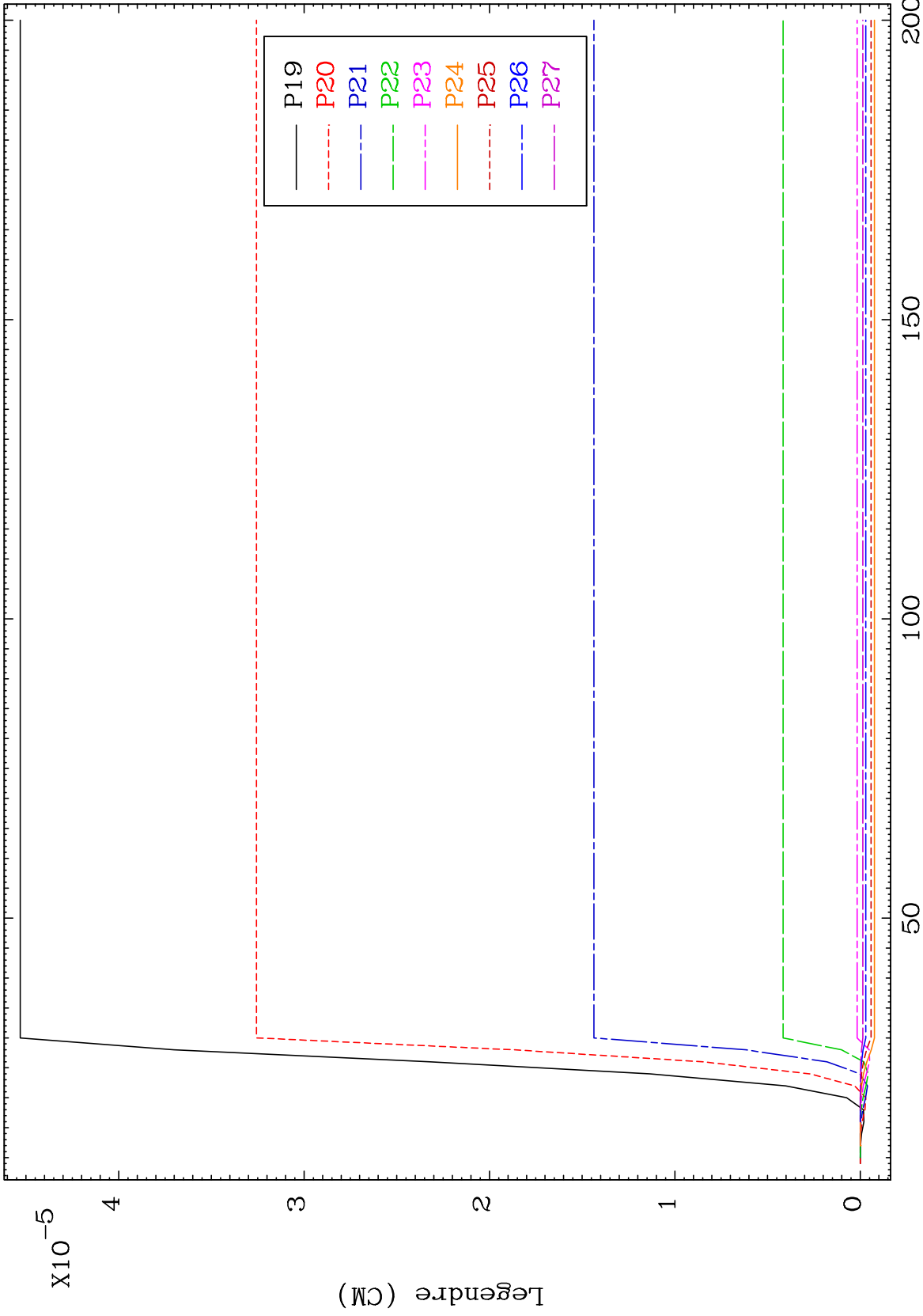
116

52-Te-118

MAT 5219

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

52-Te-118



117

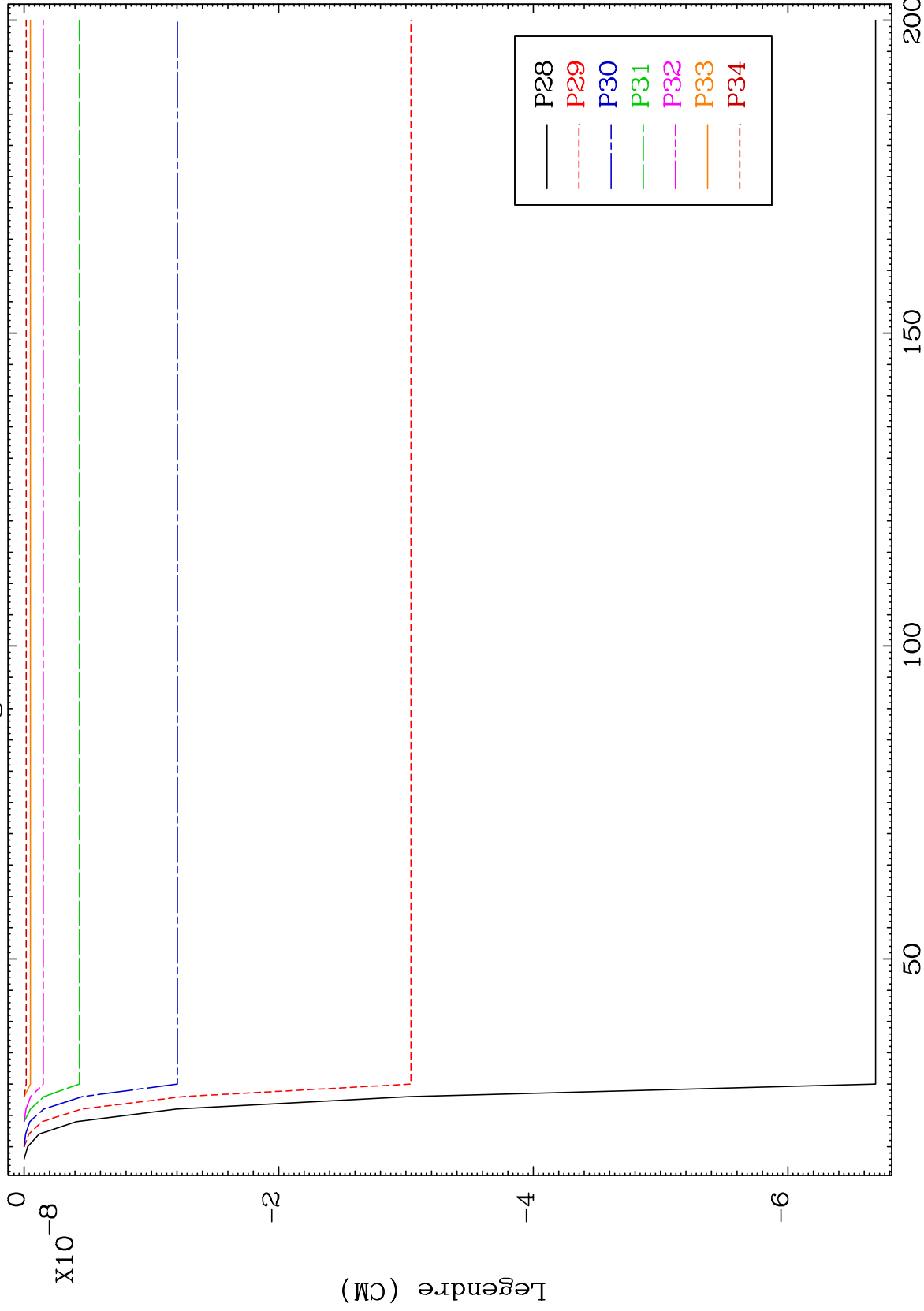
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



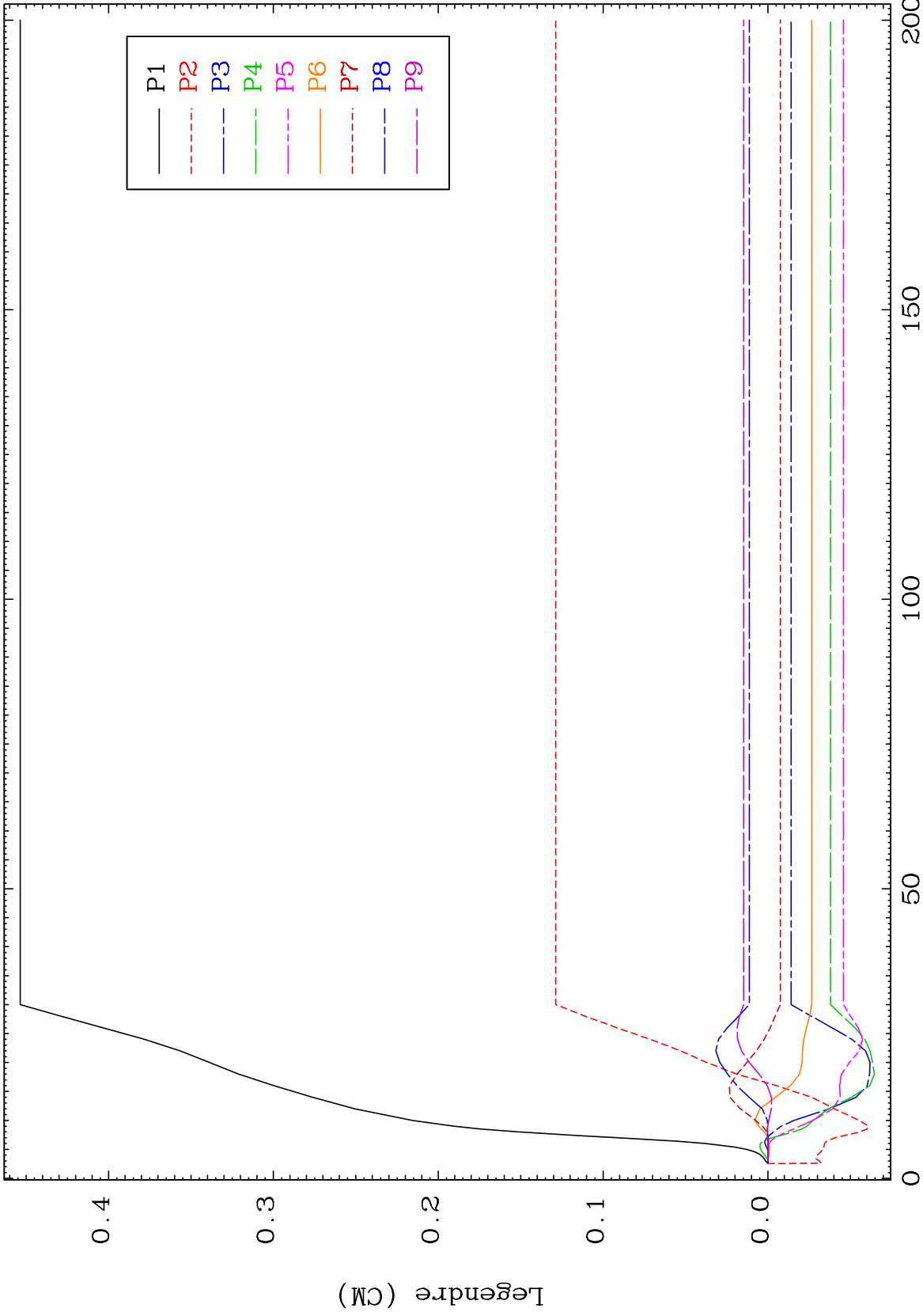
52-Te-118

118

MAT 5219

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

52-Te-118



119

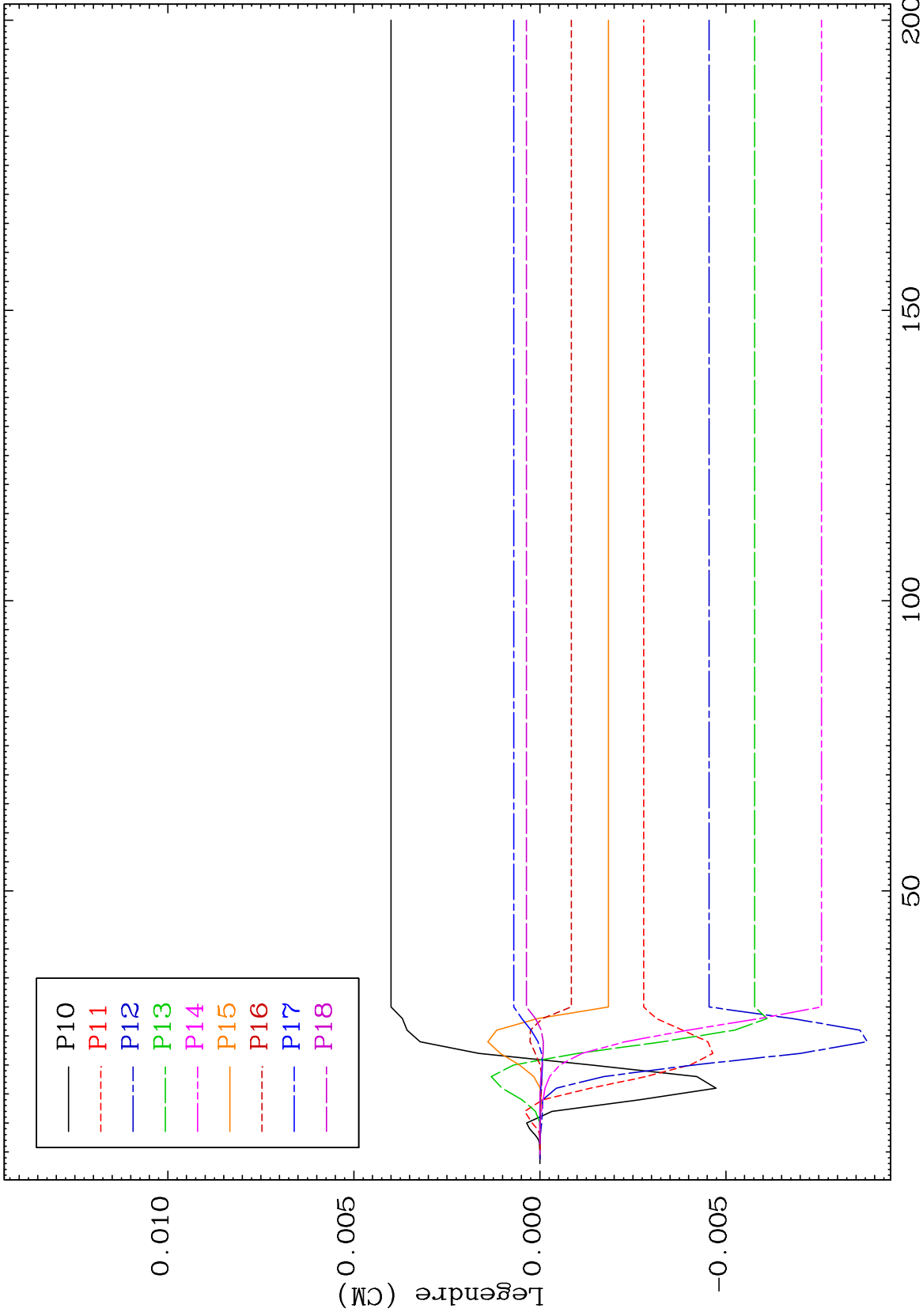
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118



120

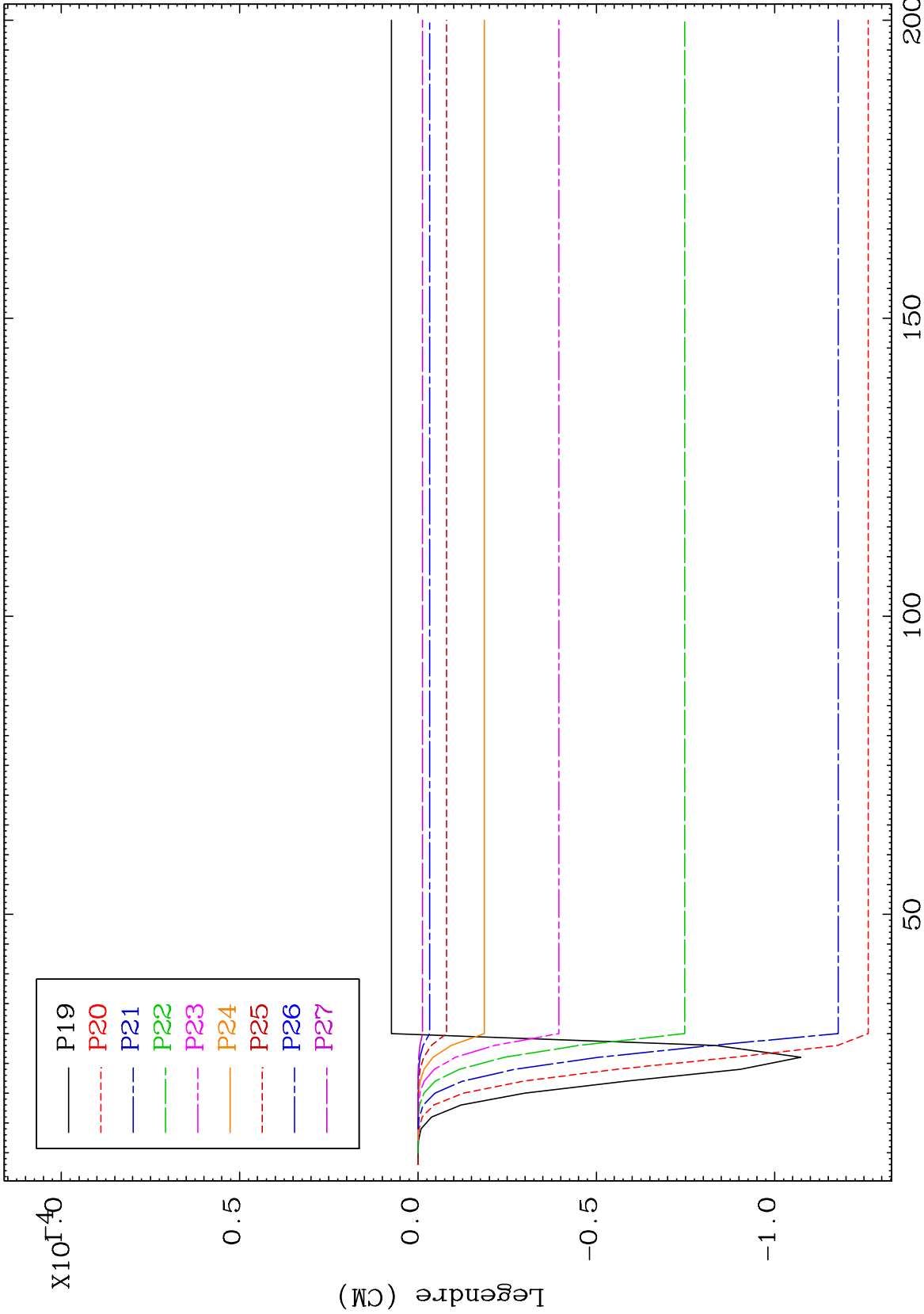
Incident Energy (MeV)

52-Te-118

MAT 5219

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

52-Te-118

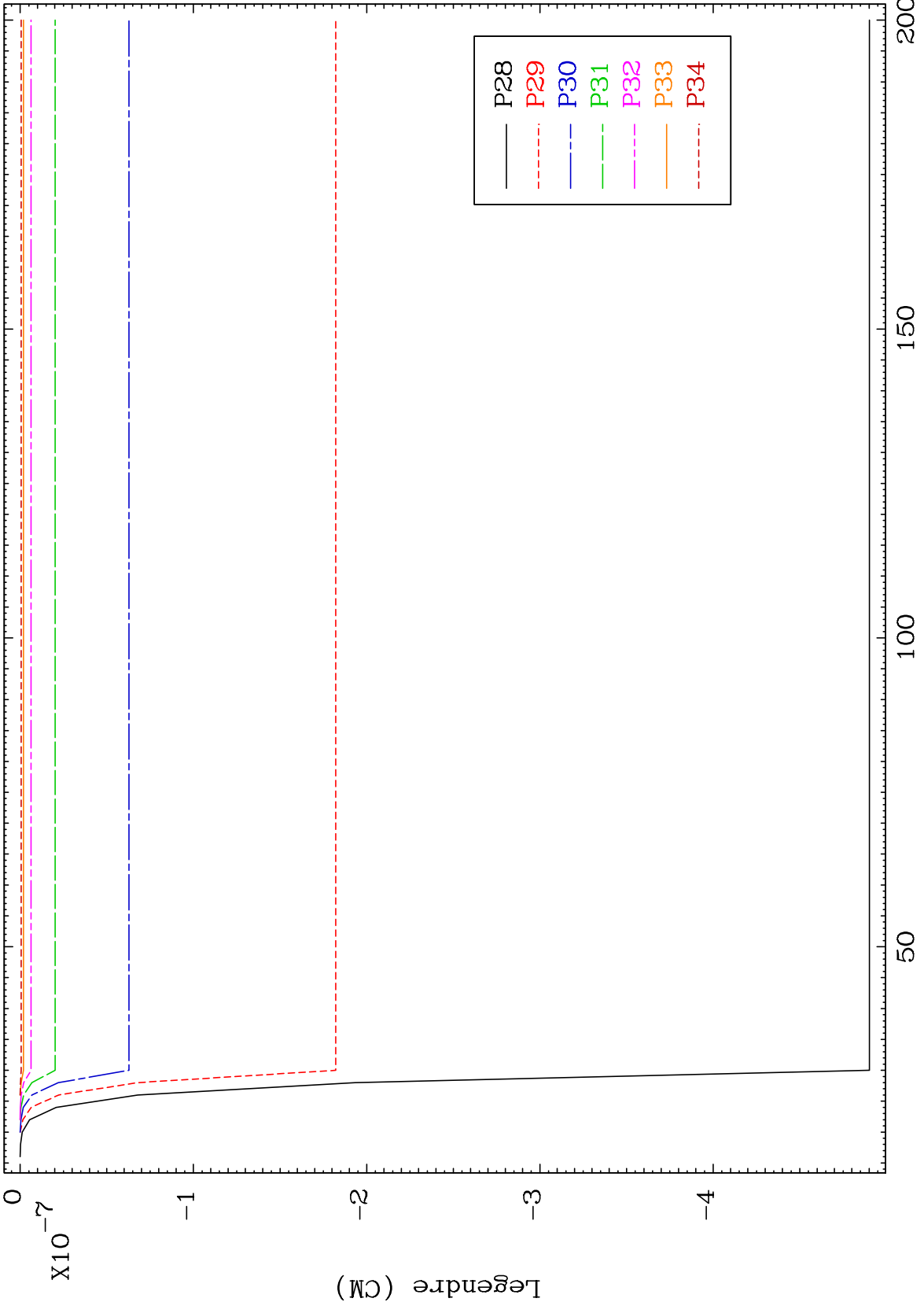


121

Incident Energy (MeV)

52-Te-118

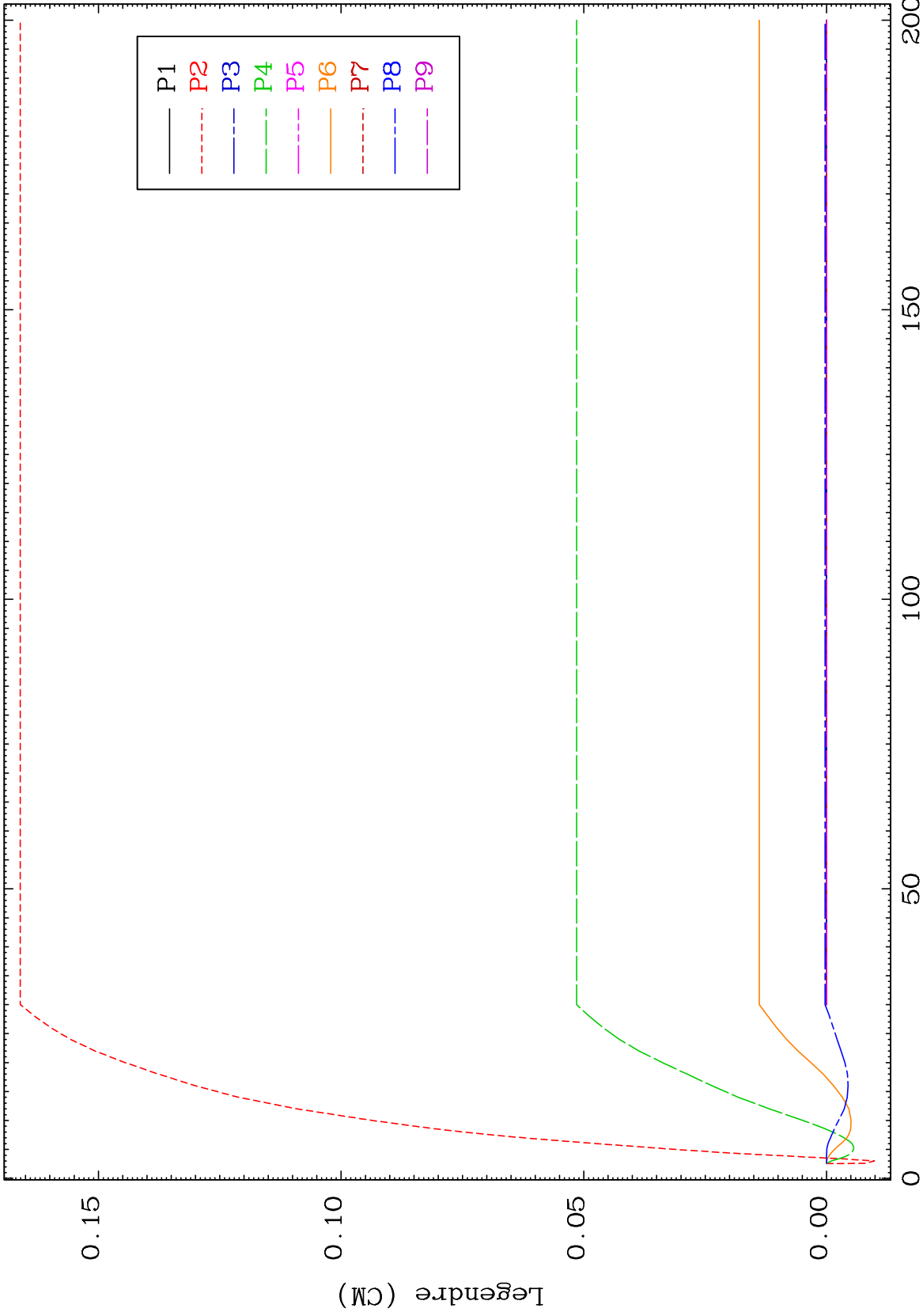
MAT 5219 MT= 78 (n,n') Level Legendre Coefficients 52-Te-118



MAT 5219

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

52-Te-118

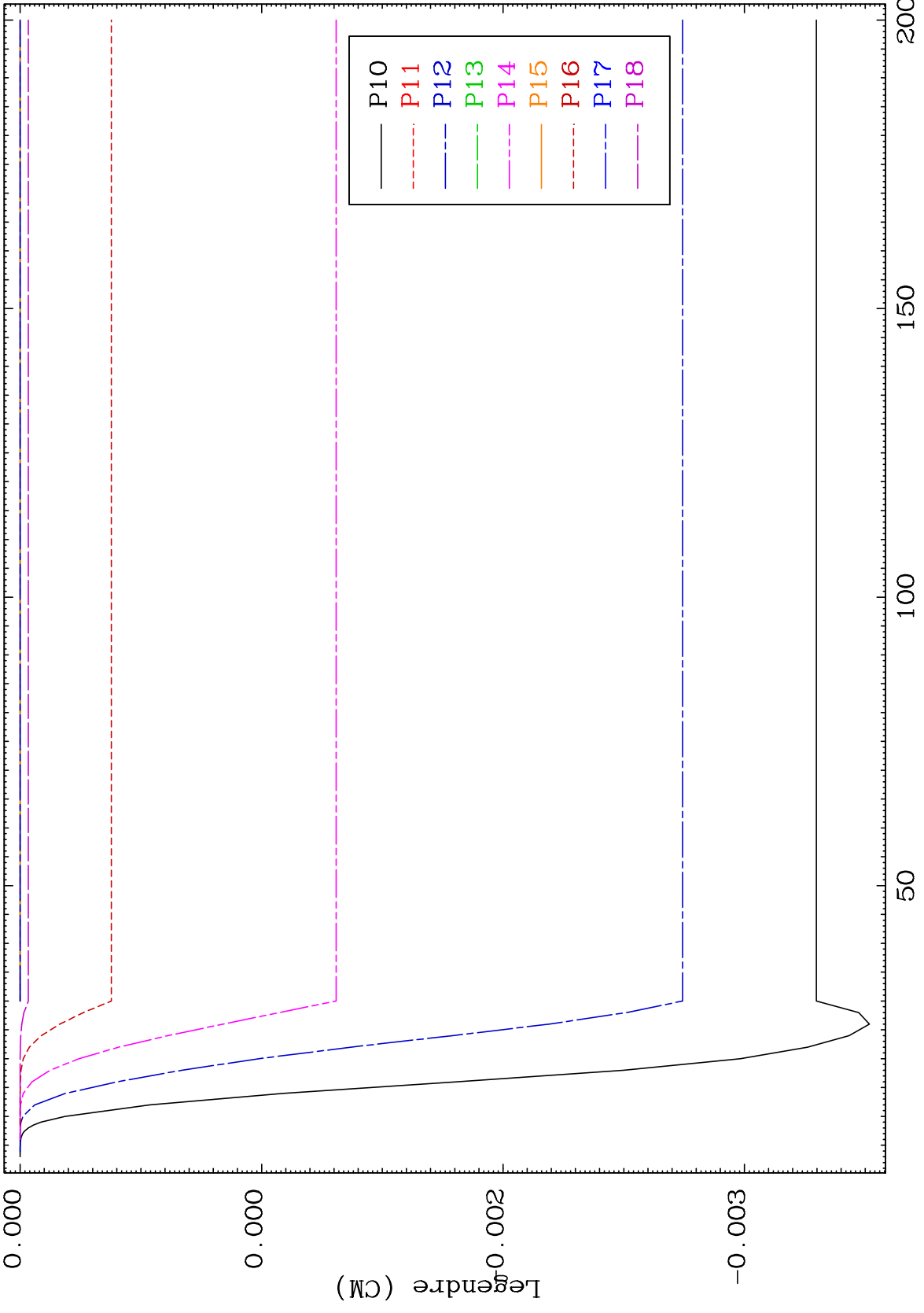


123

Incident Energy (MeV)

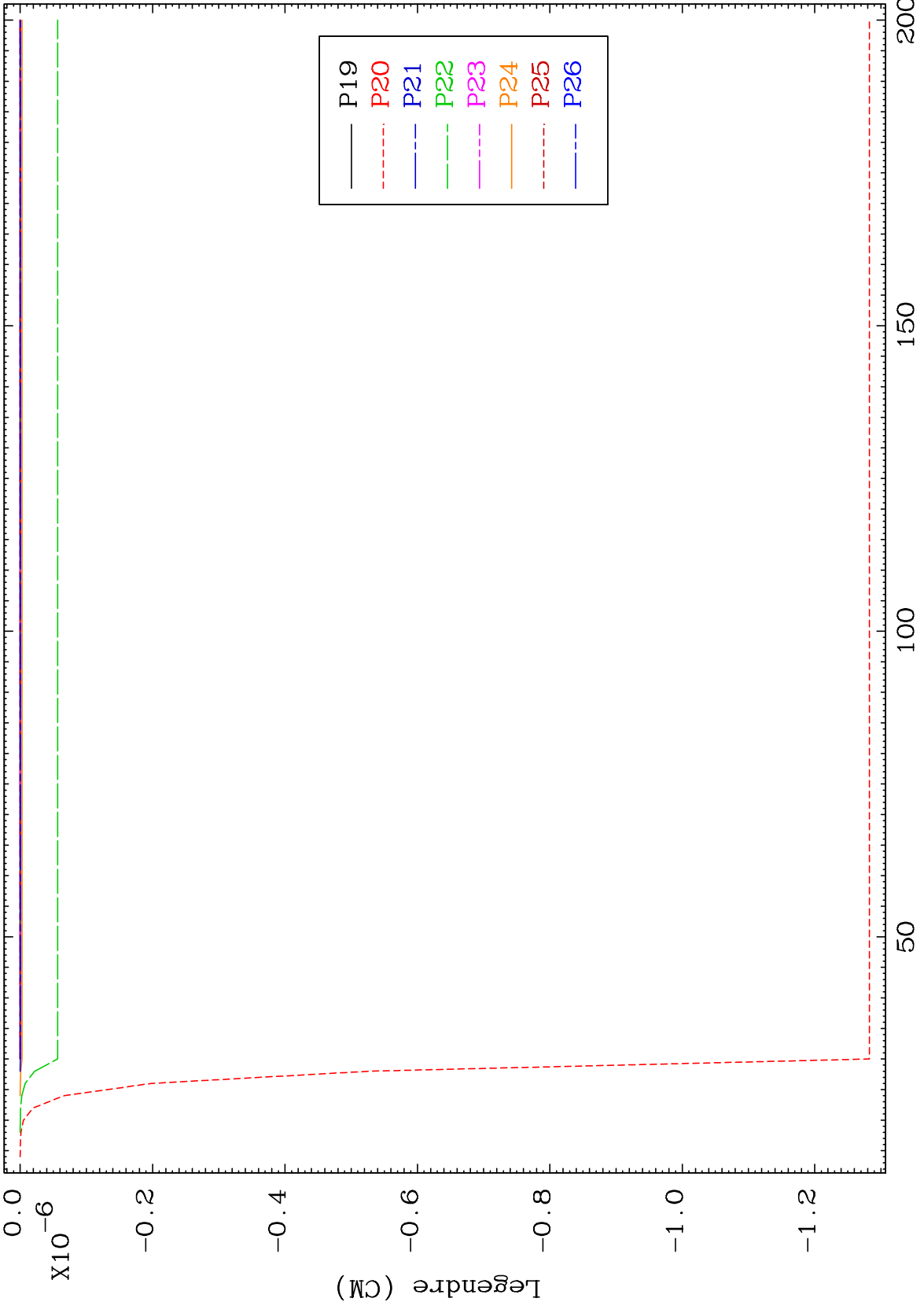
52-Te-118

MAT 5219 MT= 79 (n,n') Level Legendre Coefficients 52-Te-118



124 52-Te-118

MAT 5219 MT= 79 (n,n') Level Legendre Coefficients 52-Te-118

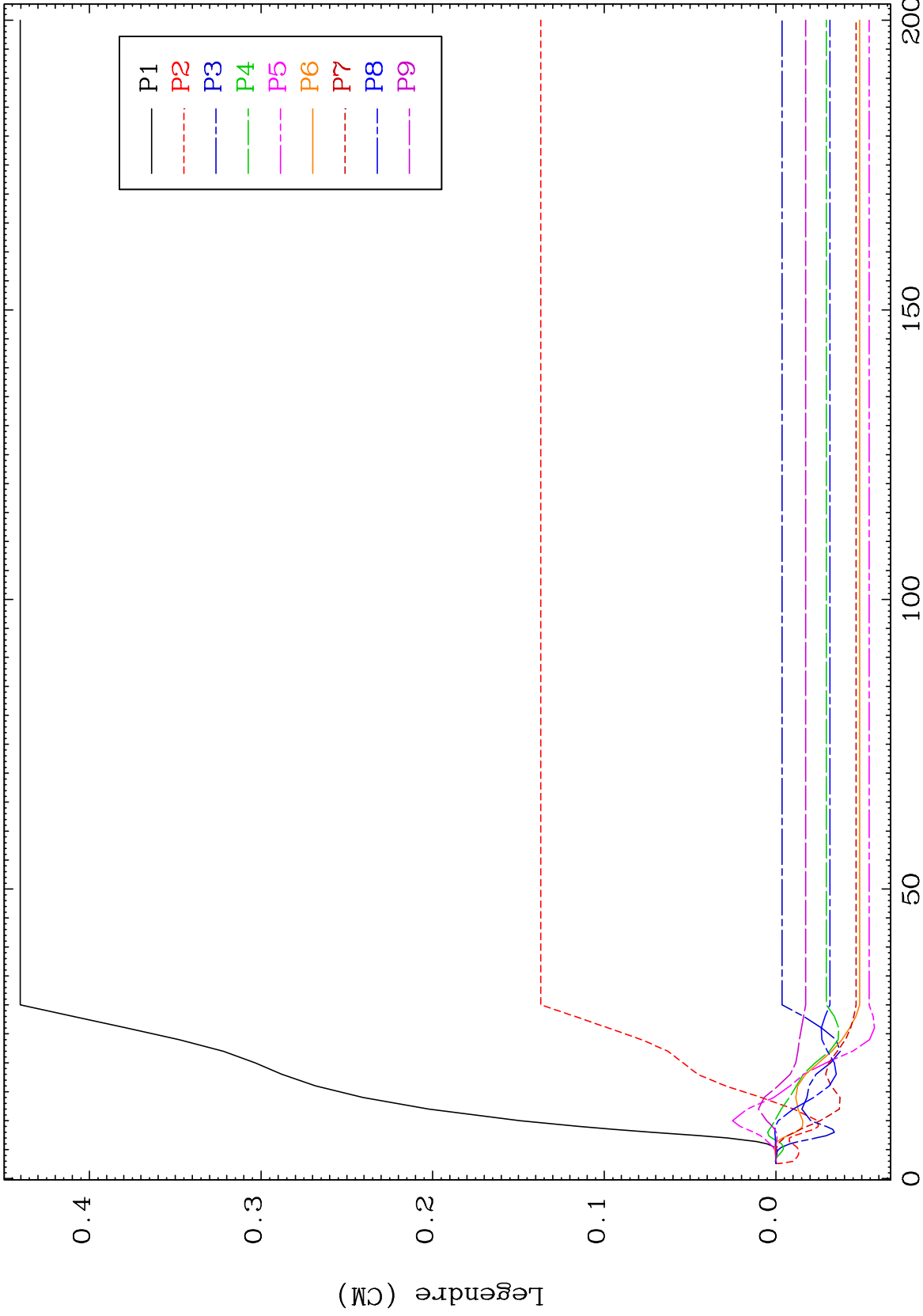


125 Incident Energy (MeV) 52-Te-118

MAT 5219

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

52-Te-118

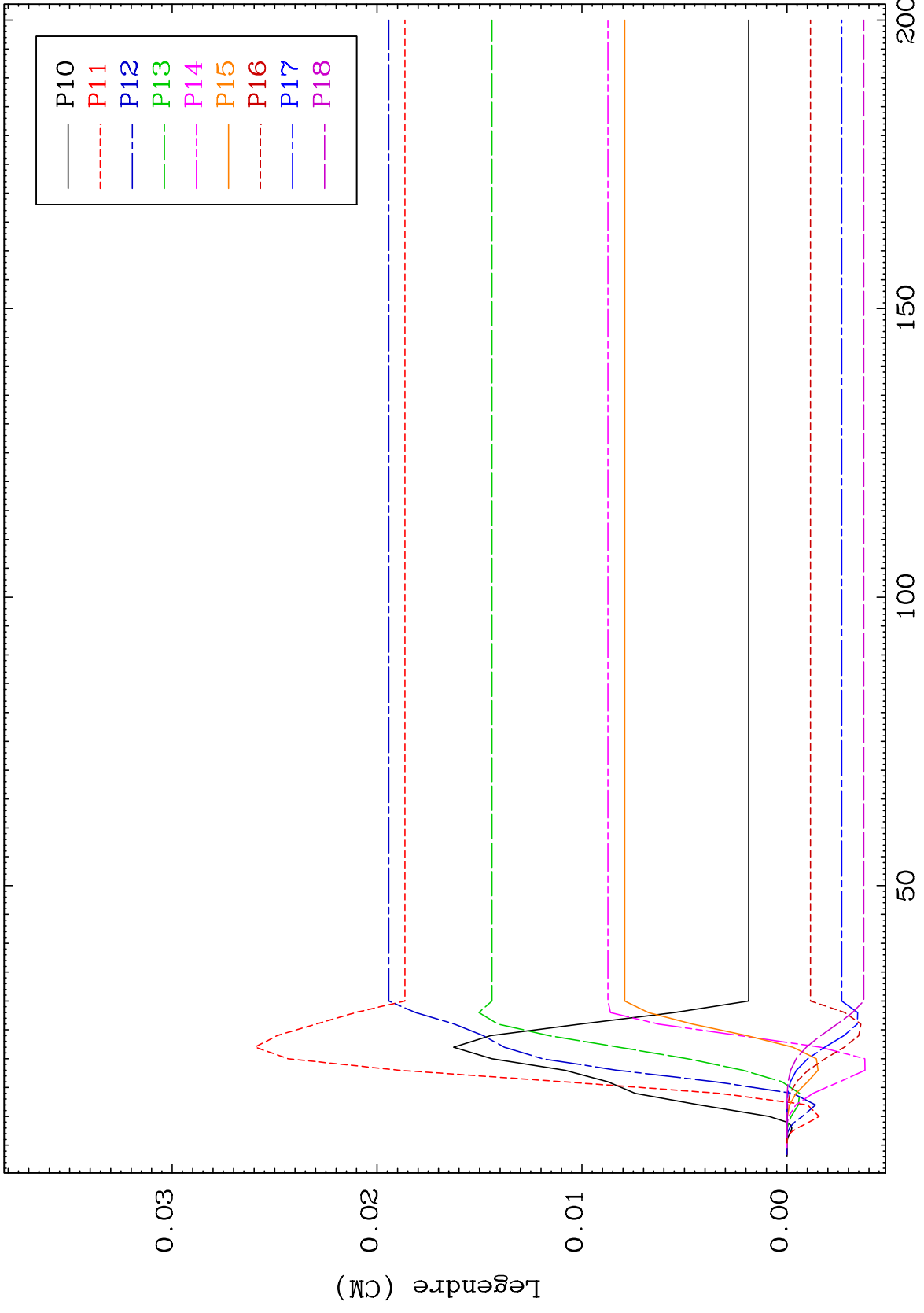


126

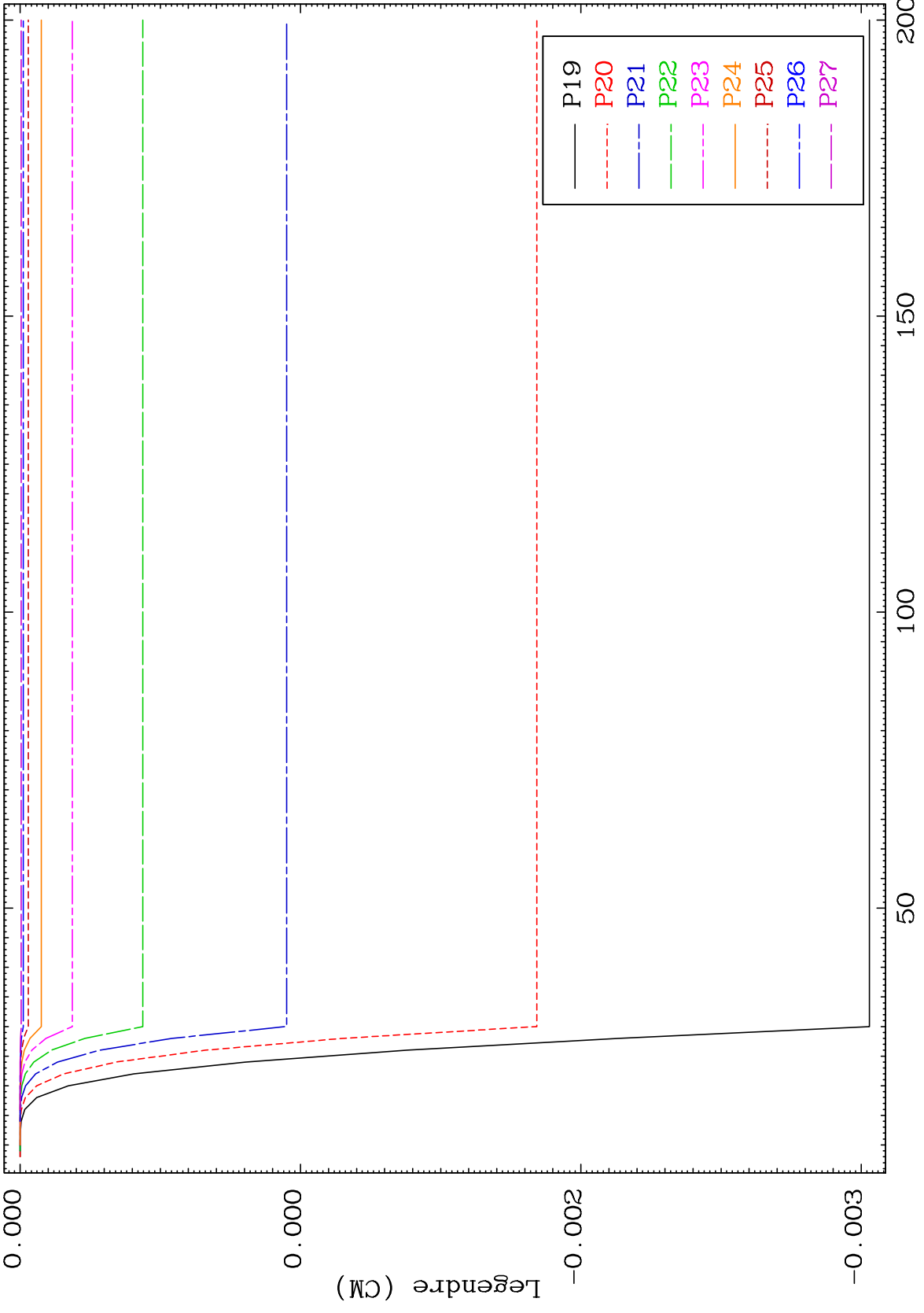
Incident Energy (MeV)

52-Te-118

MAT 5219 MT= 80 (n,n') Level Legendre Coefficients 52-Te-118



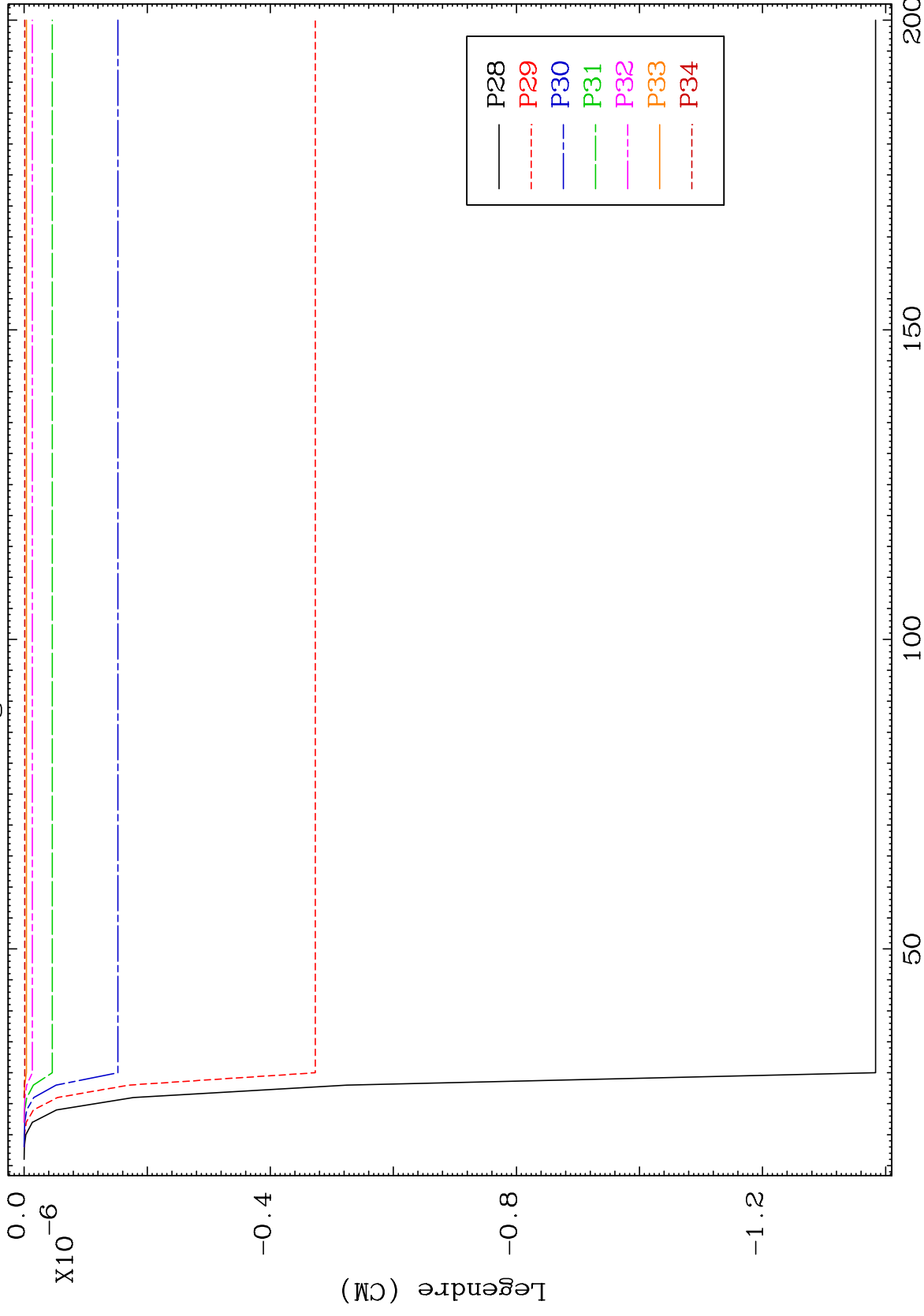
MAT 5219 MT= 80 (n,n') Level Legendre Coefficients 52-Te-118



MAT 5219

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

52-Te-118



52-Te-118

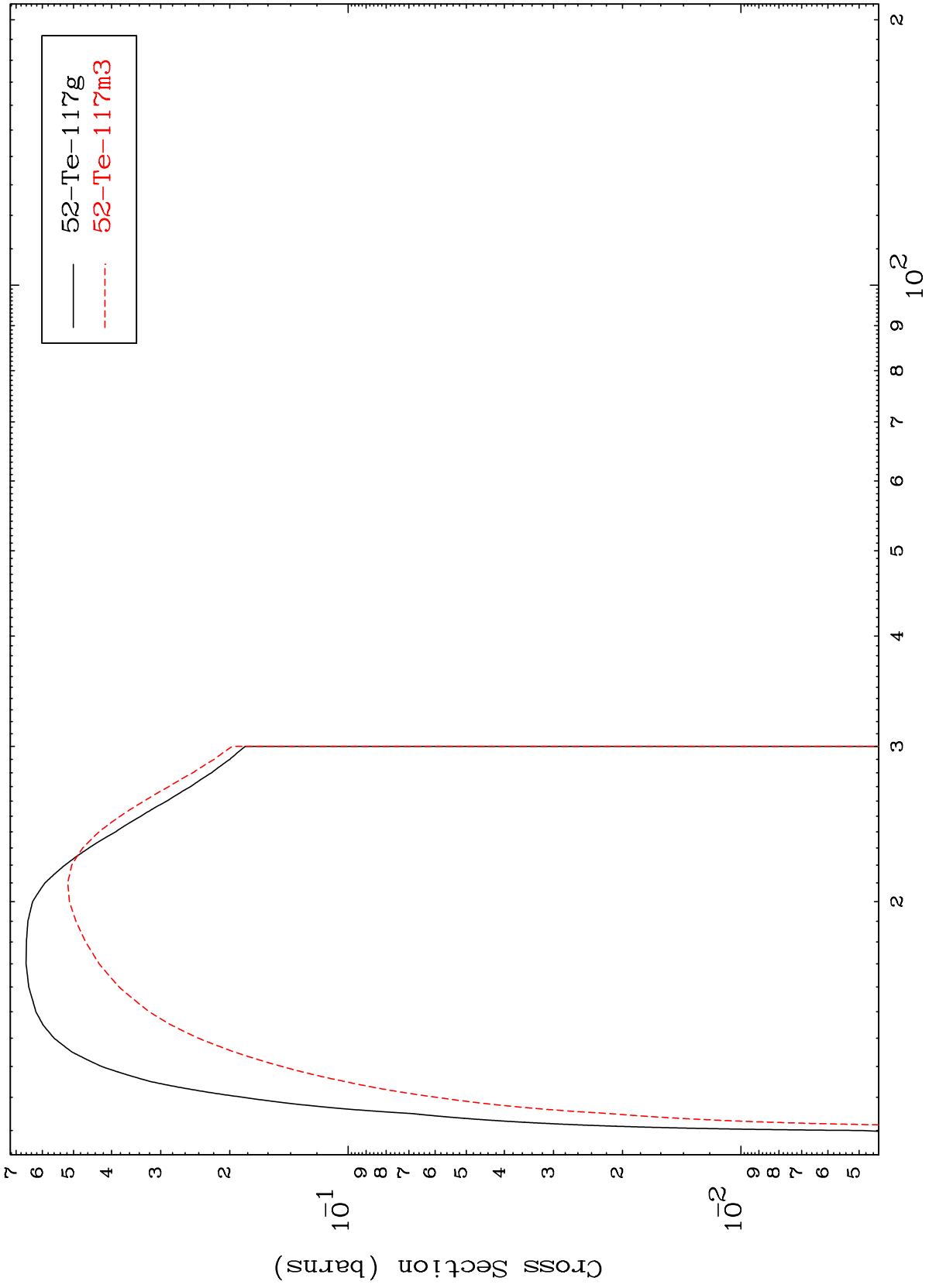
Incident Energy (MeV)

129

MAT 5219

52-Te-118

(n,2n)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

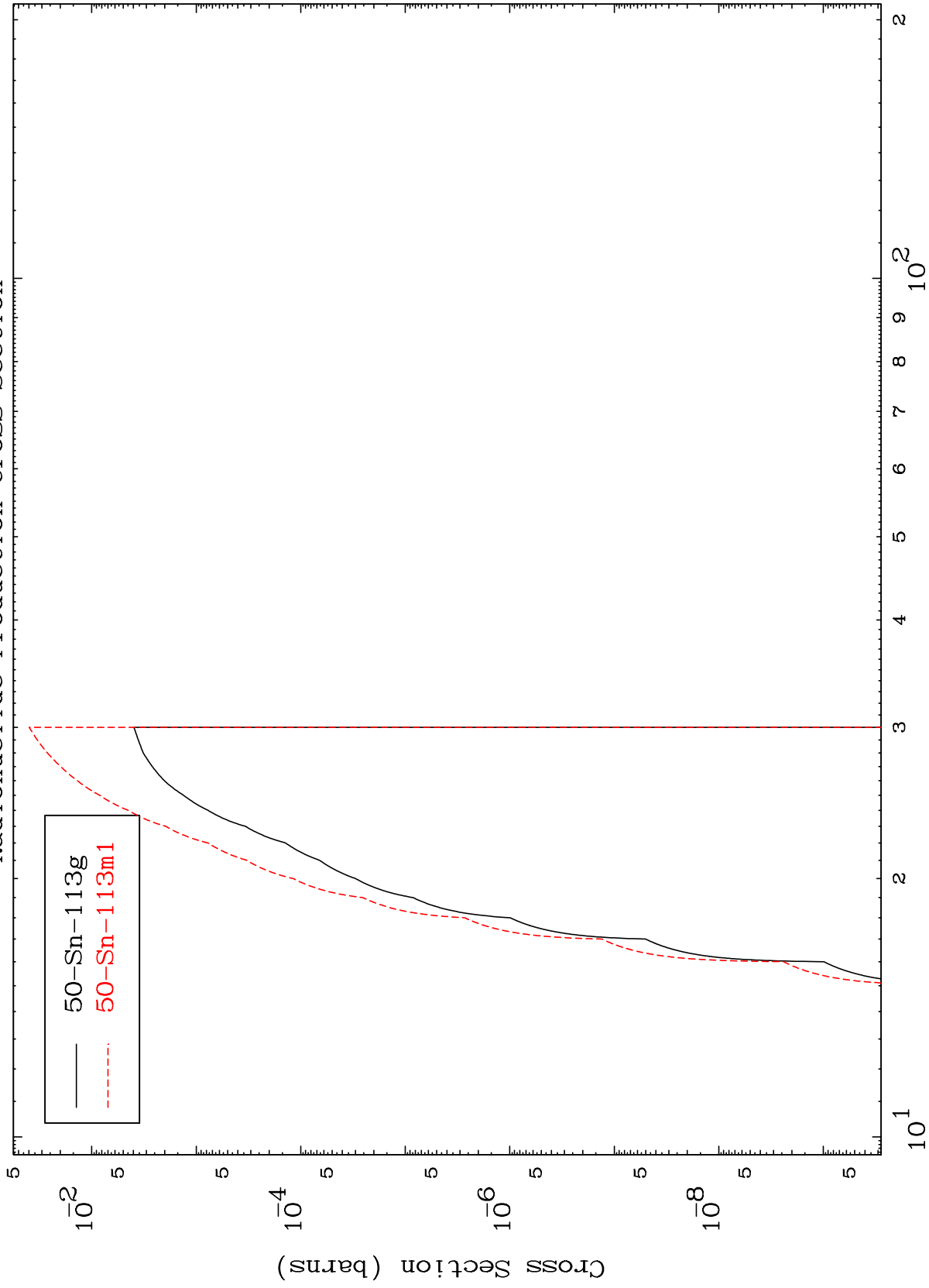
52-Te-118

MAT 5219

(n,2n) α

52-Te-118

Radionuclide Production Cross Section

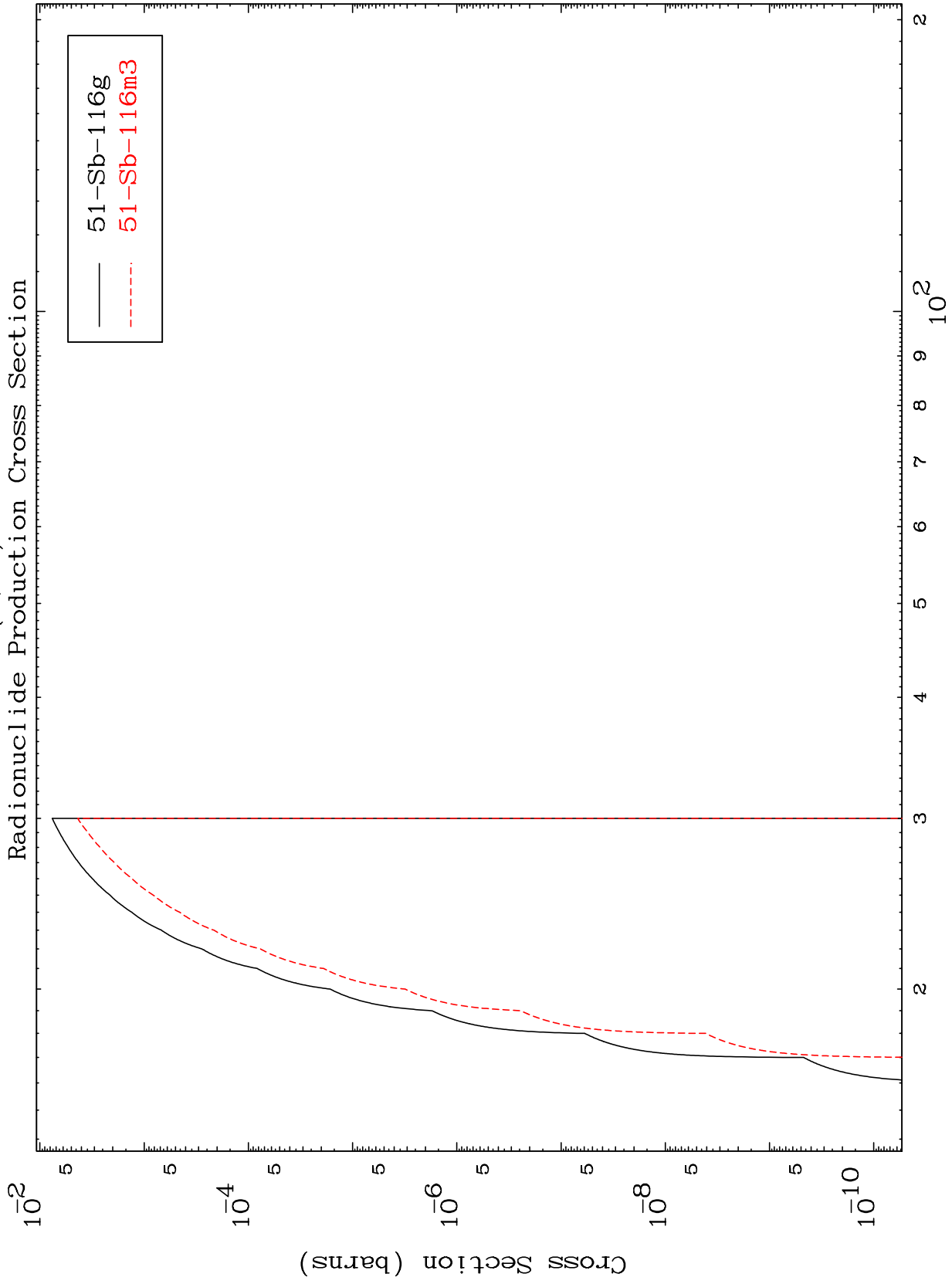


50-Sn-113g
50-Sn-113m1

MAT 5219

(n,n') d

52-Te-118



132

52-Te-118

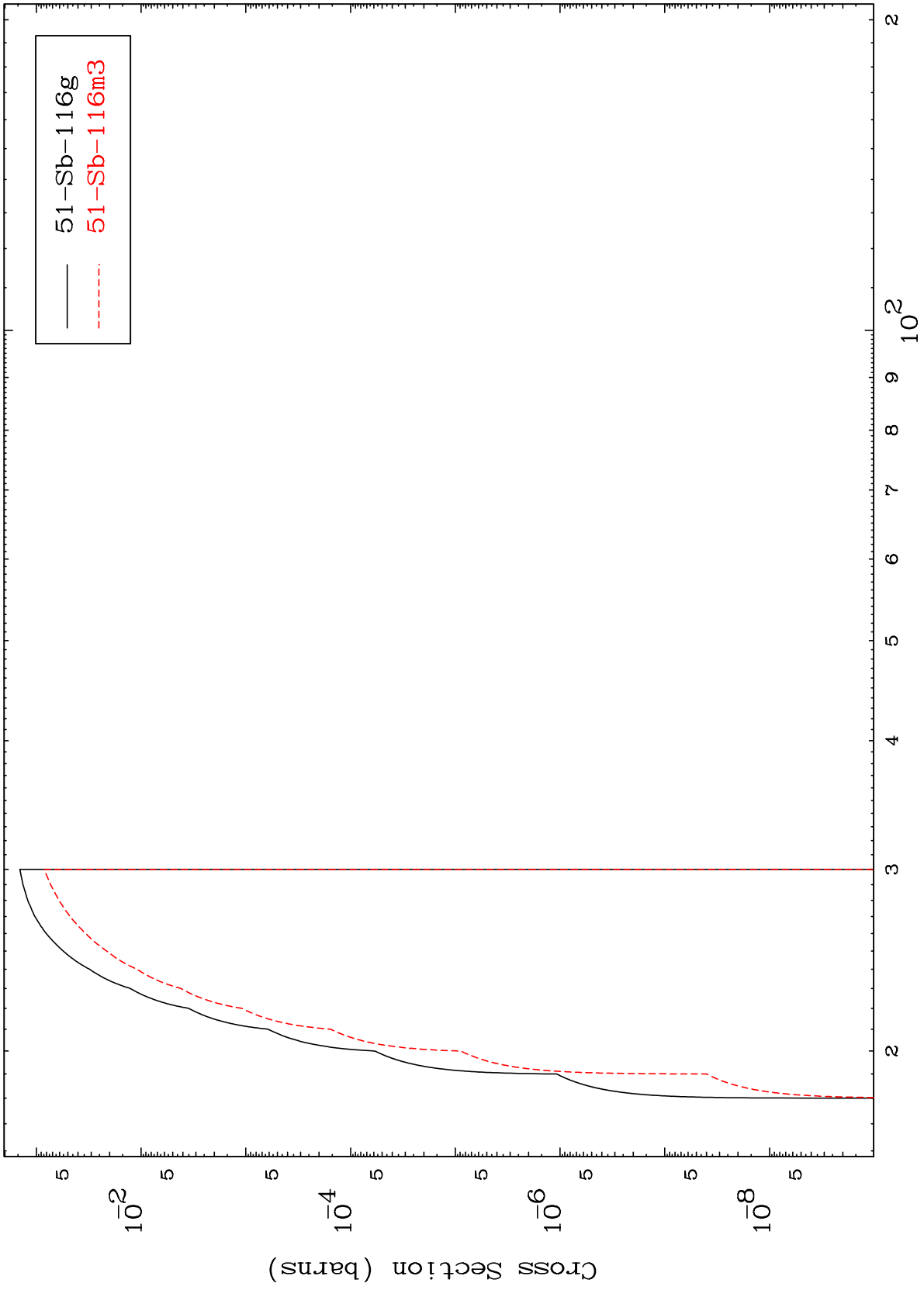
52-Te-118

MAT 5219

(n,2n) p

52-Te-118

Radionuclide Production Cross Section



133

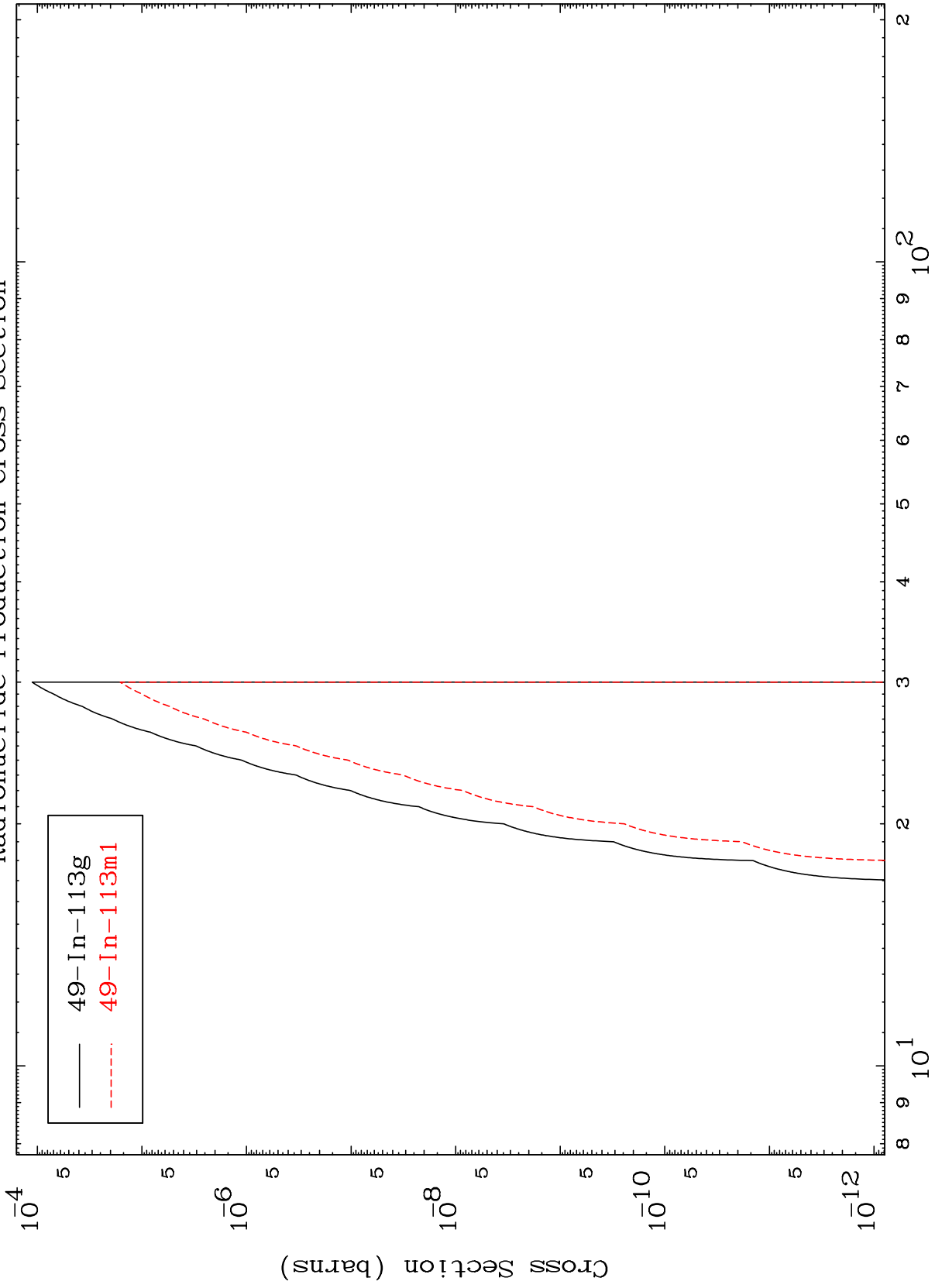
Incident Energy (MeV)

52-Te-118

MAT 5219

52-Te-118

(n,n') p α
Radionuclide Production Cross Section



134

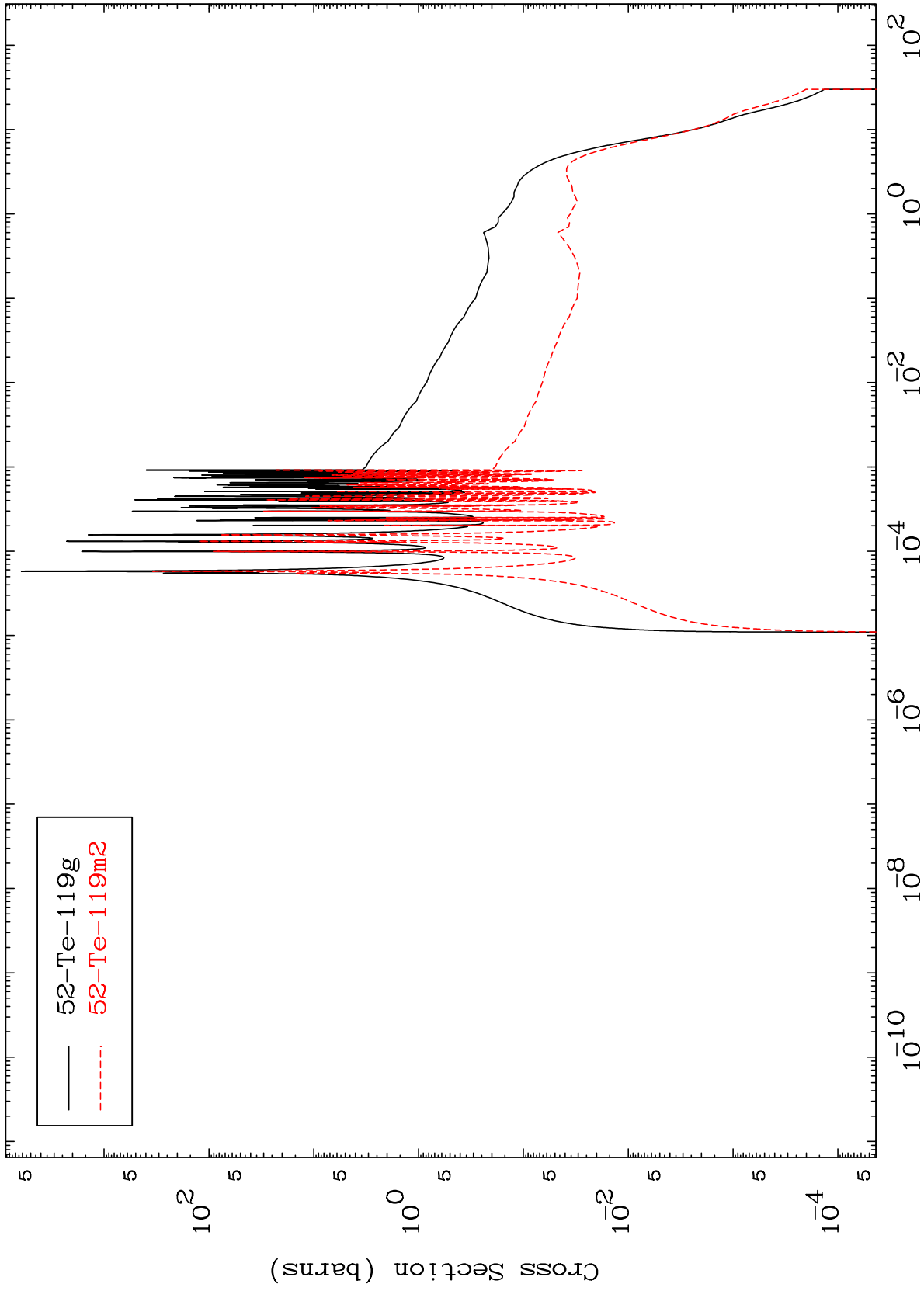
Incident Energy (MeV)

52-Te-118

MAT 5219

52-Te-118

(n,γ)
Radionuclide Production Cross Section



135

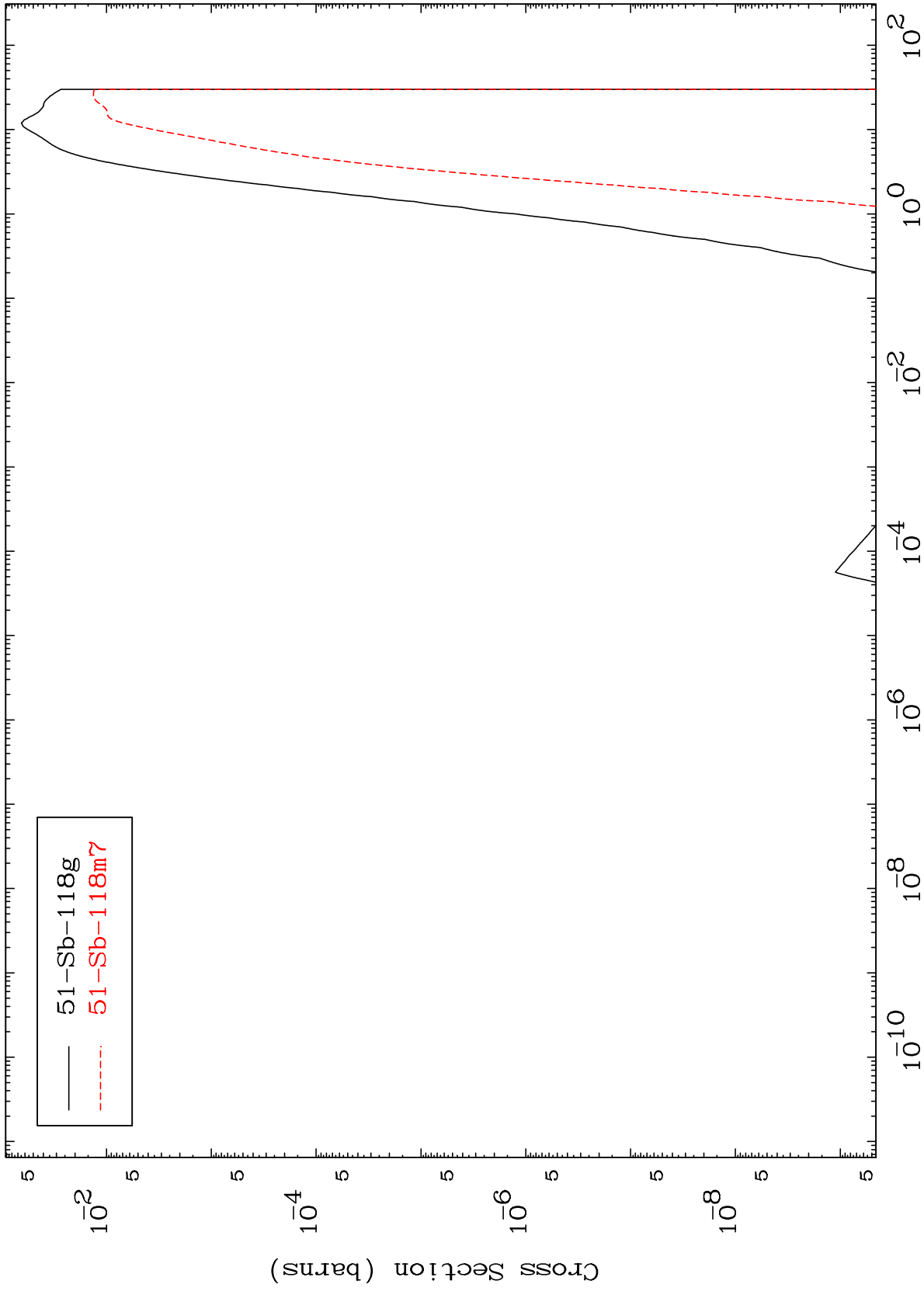
52-Te-118

MAT 5219

(n,p)

52-Te-118

Radionuclide Production Cross Section



136

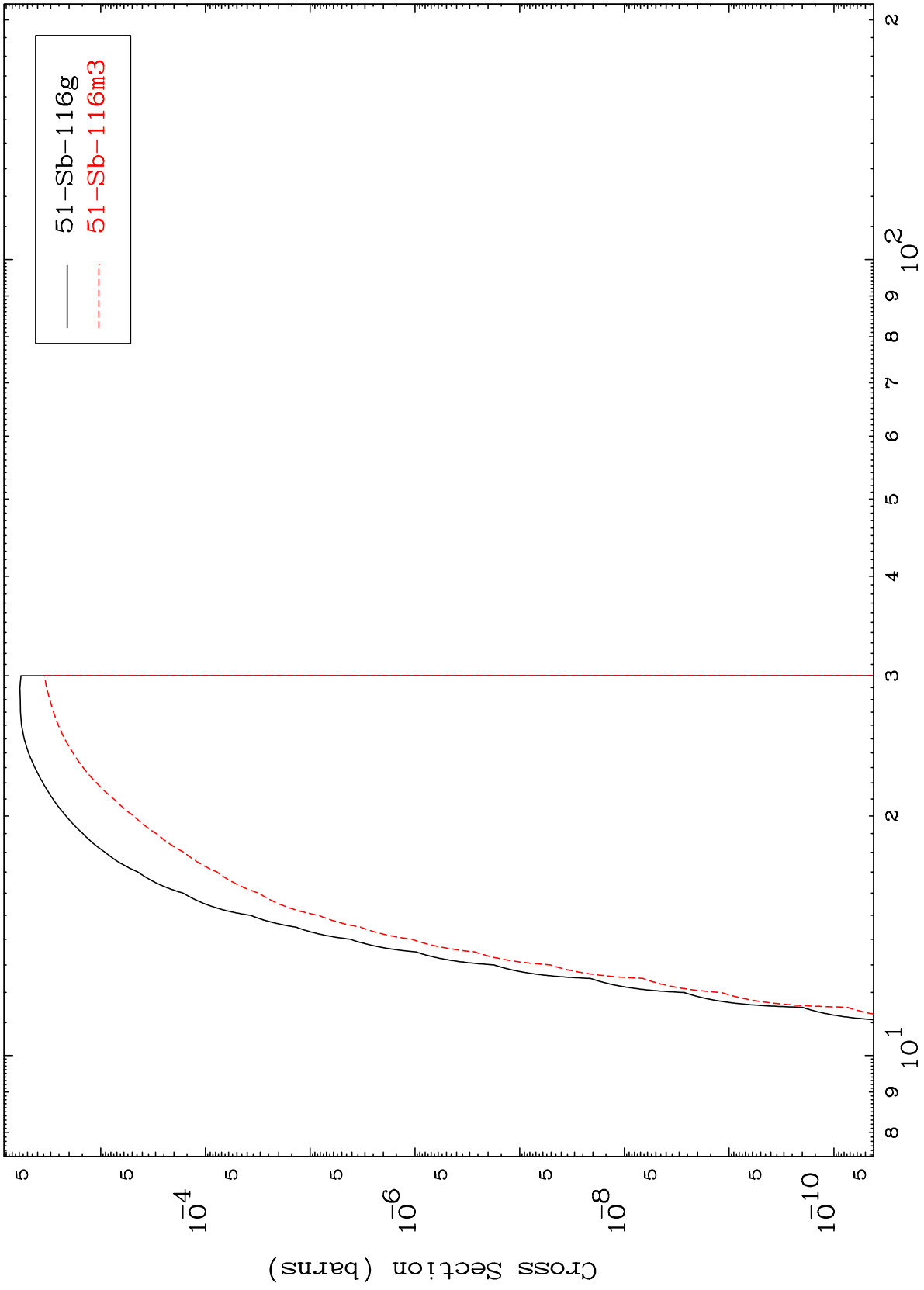
Incident Energy (MeV)

52-Te-118

MAT 5219

52-Te-118

(n, t)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

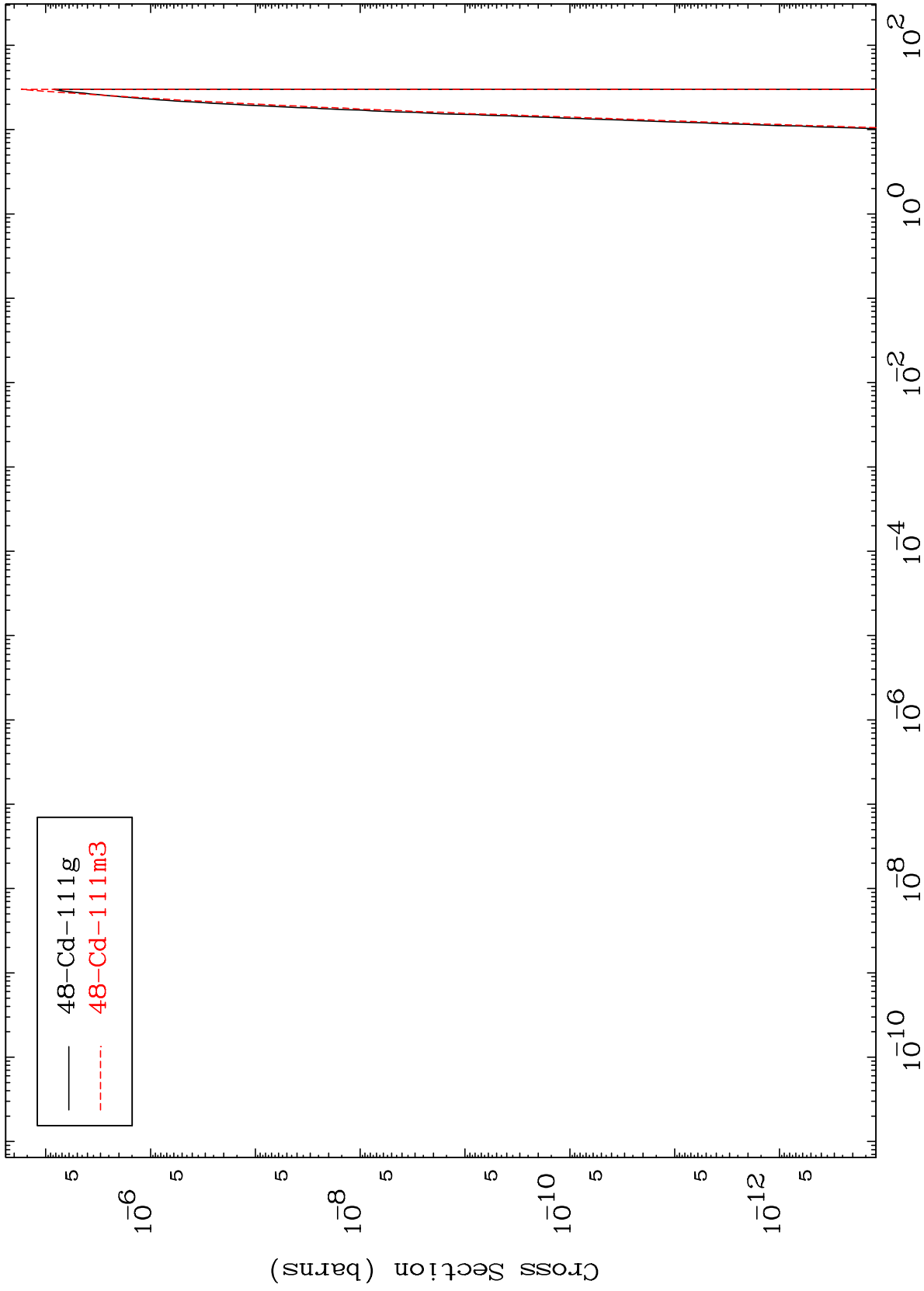
52-Te-118

MAT 5219

(n,2α)

52-Te-118

Radionuclide Production Cross Section



138

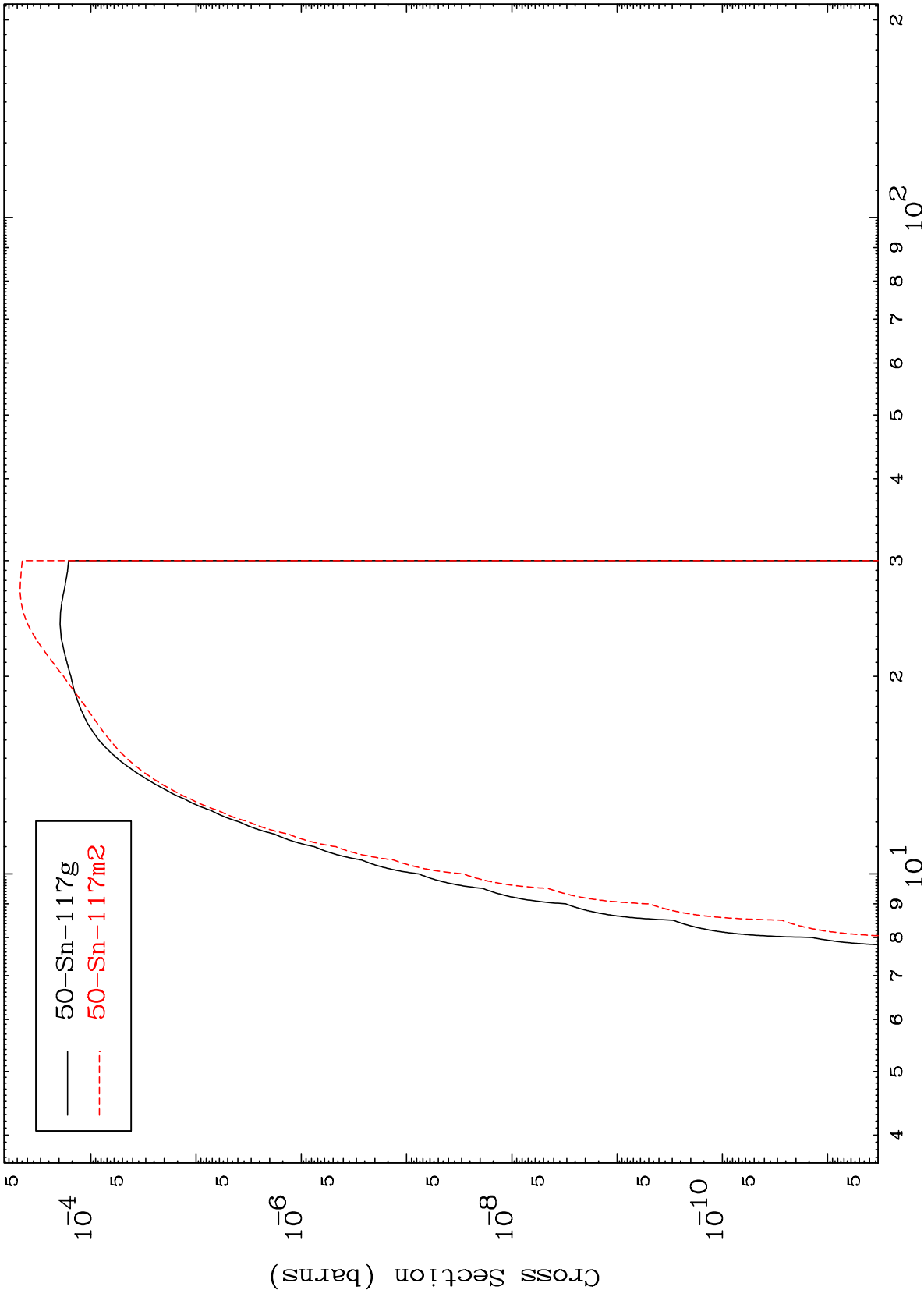
Incident Energy (MeV)

52-Te-118

MAT 5219

52-Te-118

Radionuclide Production Cross Section
(n,2p)



139

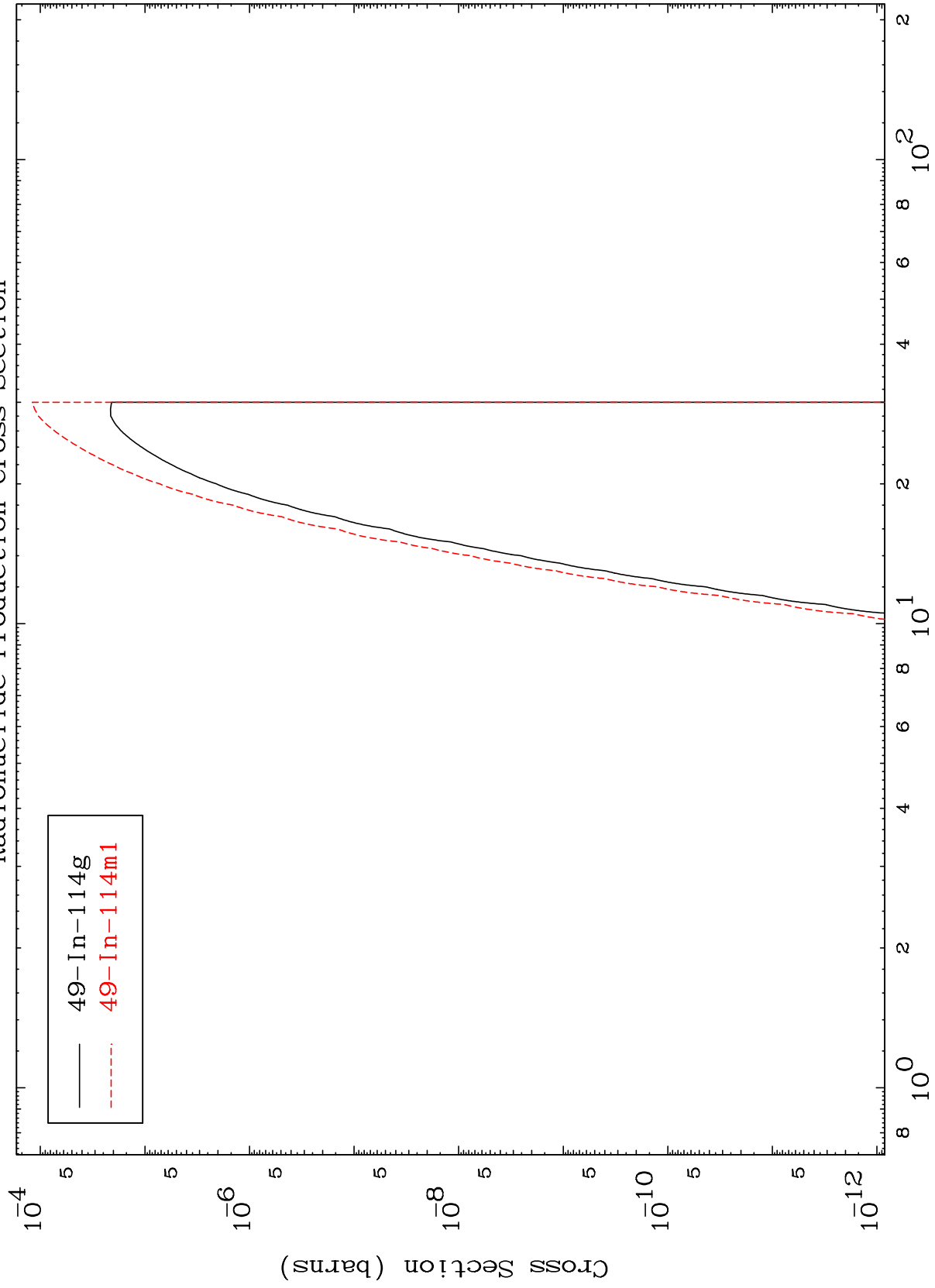
52-Te-118

MAT 5219

(n,p) α

52-Te-118

Radionuclide Production Cross Section



140

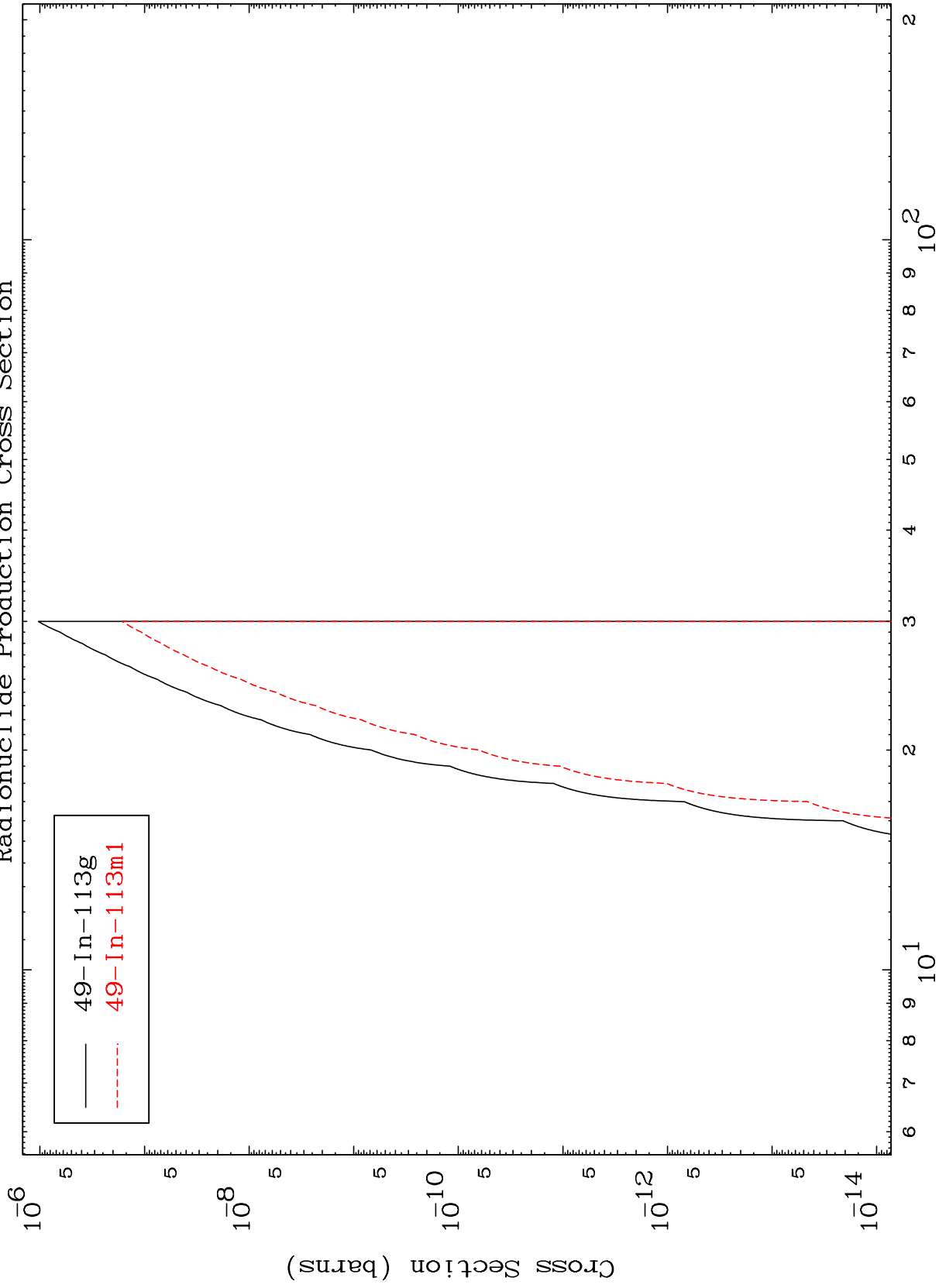
Incident Energy (MeV)

52-Te-118

MAT 5219

52-Te-118

(n,d) α
Radionuclide Production Cross Section



141

Incident Energy (MeV)

52-Te-118