

Program EVALPLOT
(Version 2018-1)

by

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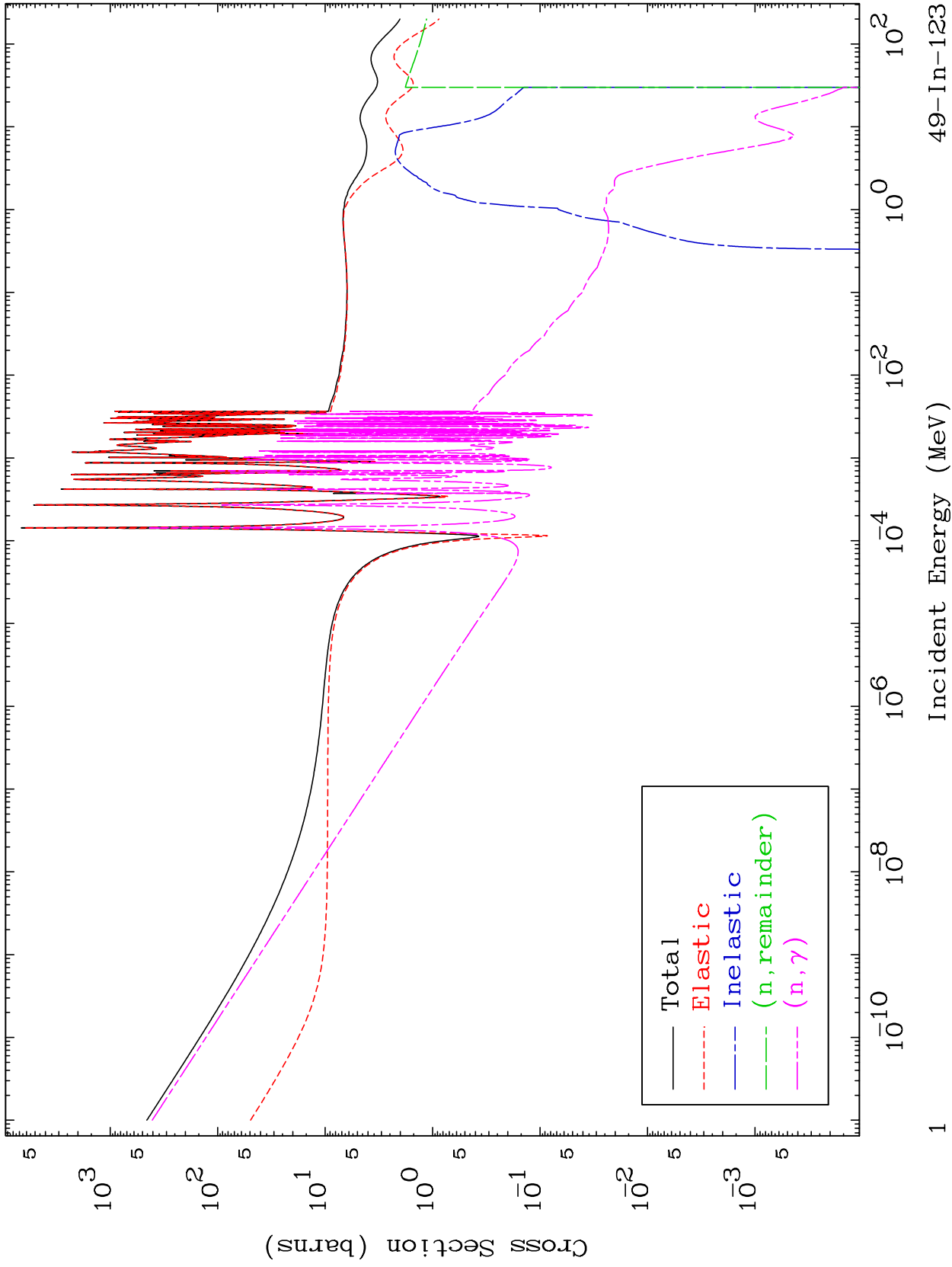
Press Mouse Button to Start

MAT 4955

Major

293 Kelvin Cross Sections

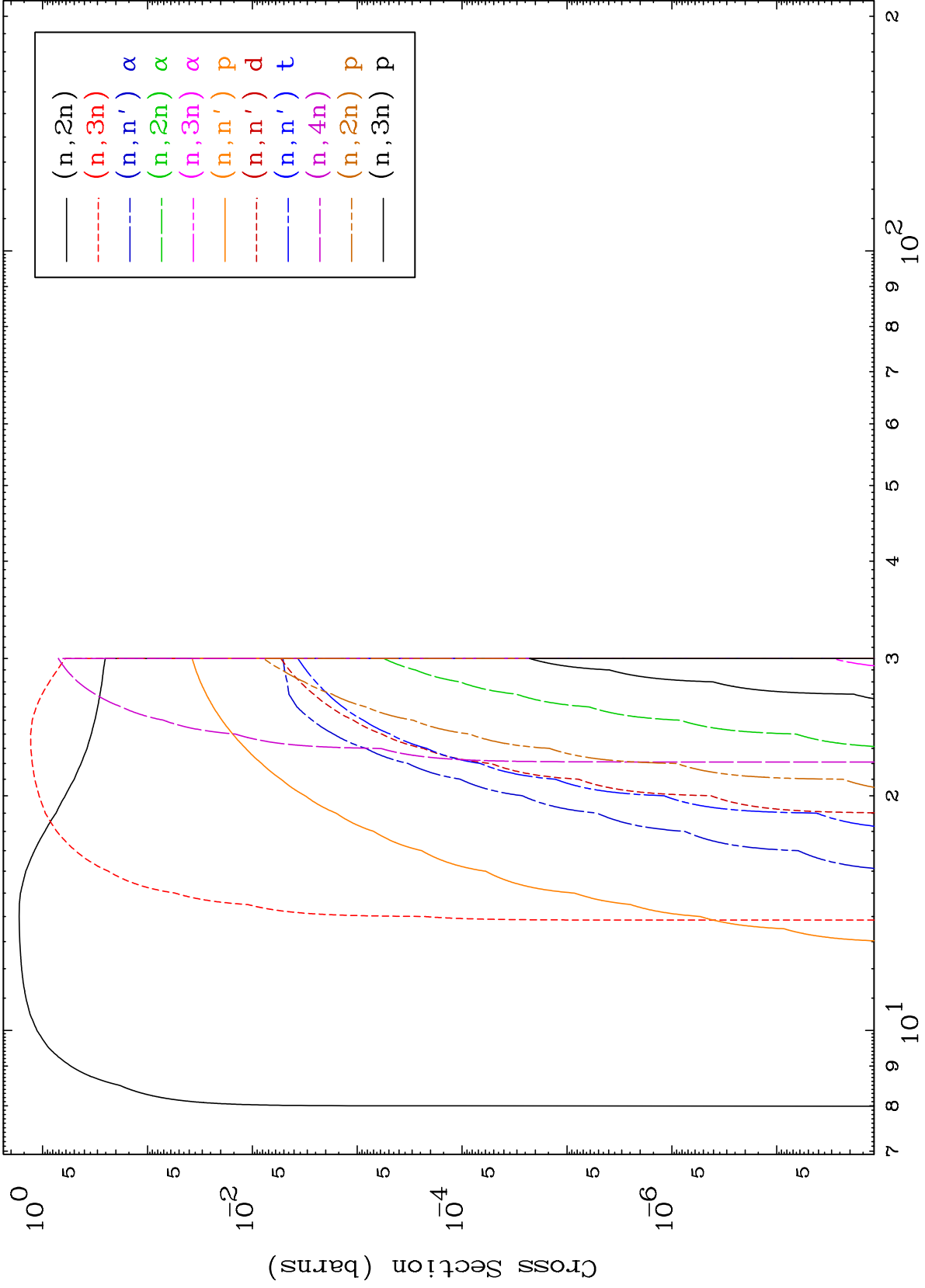
49-In-123



MAT 4955

Neutron Production
293 Kelvin Cross Sections

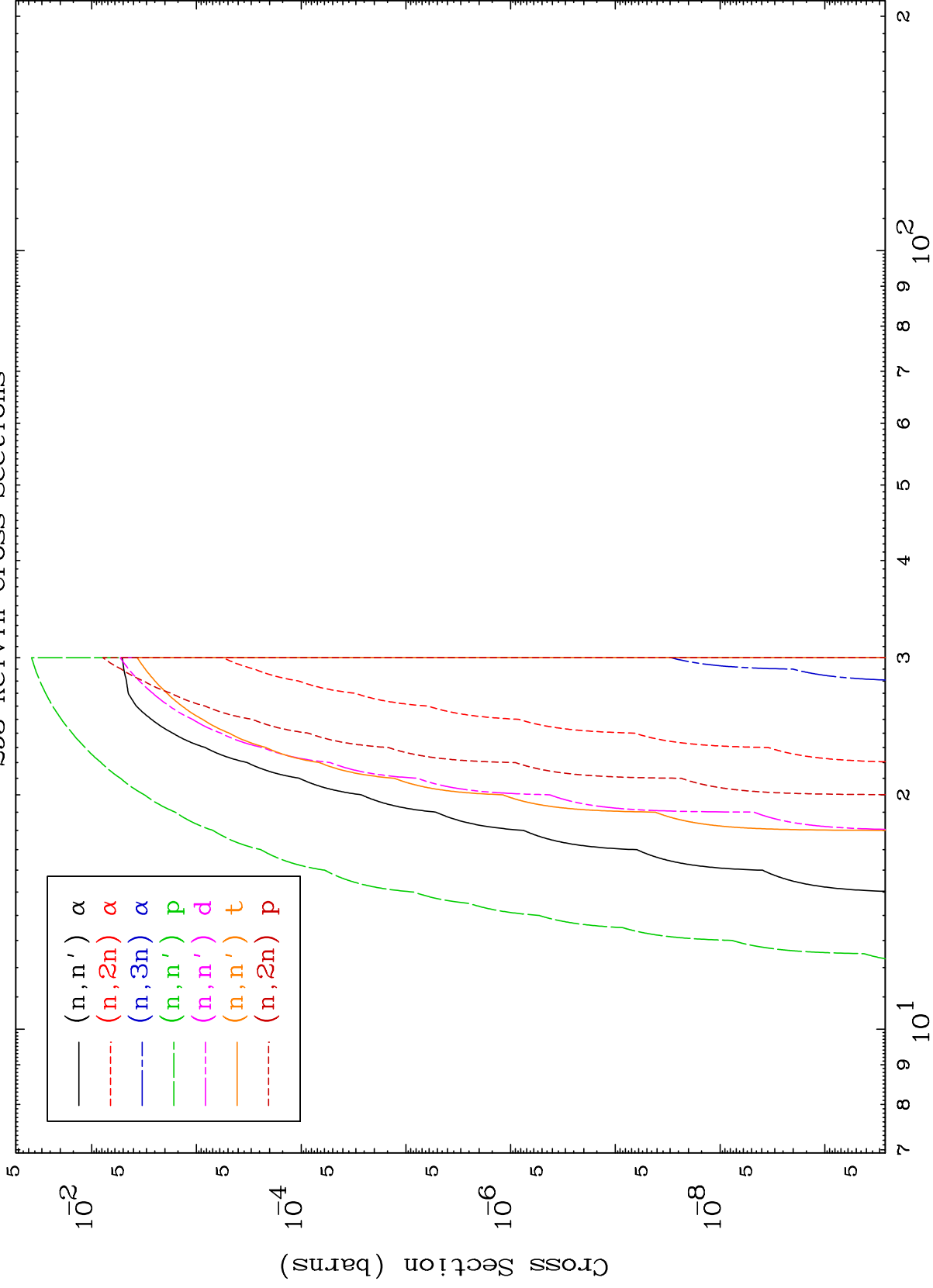
49-In-123

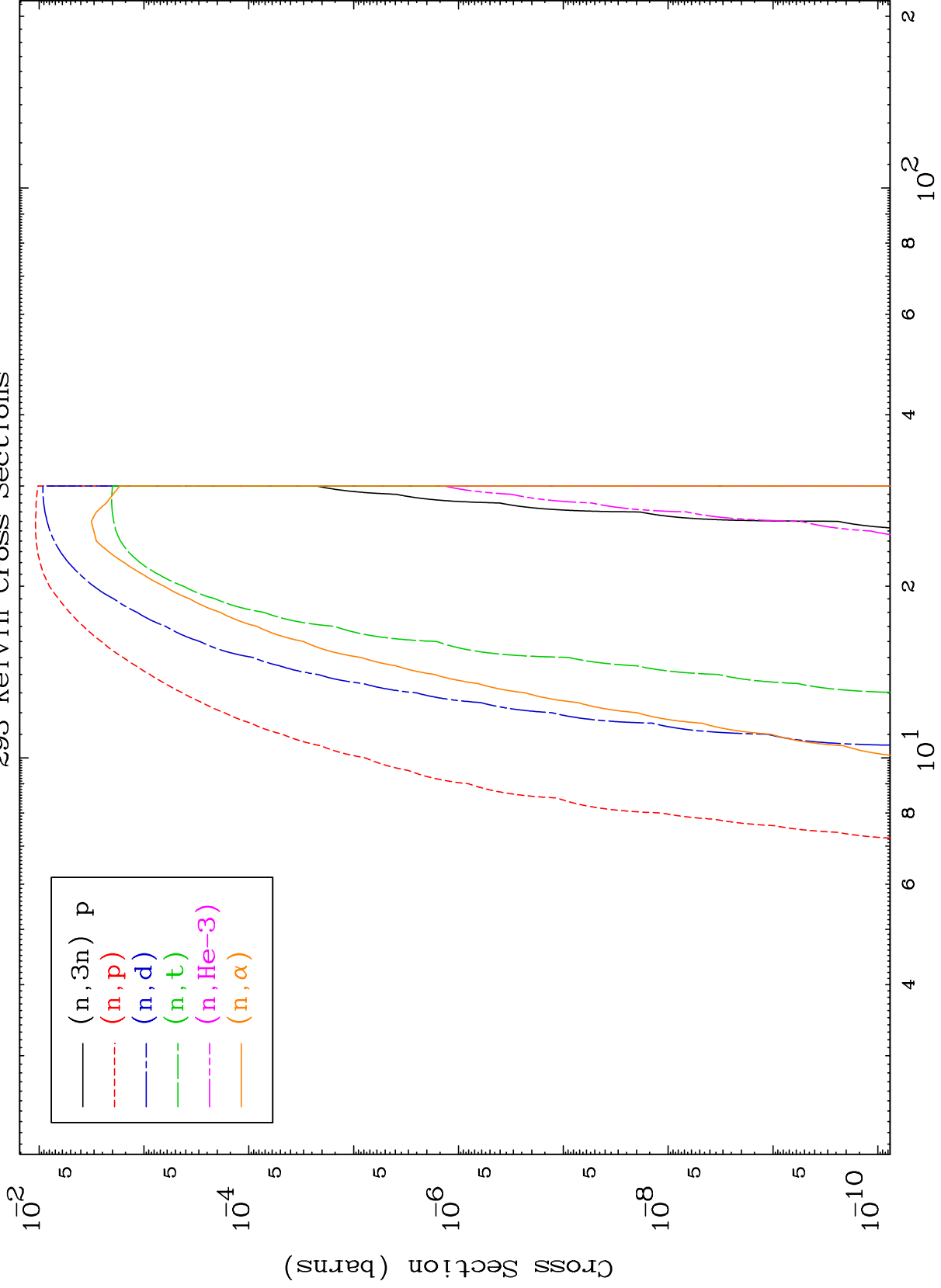


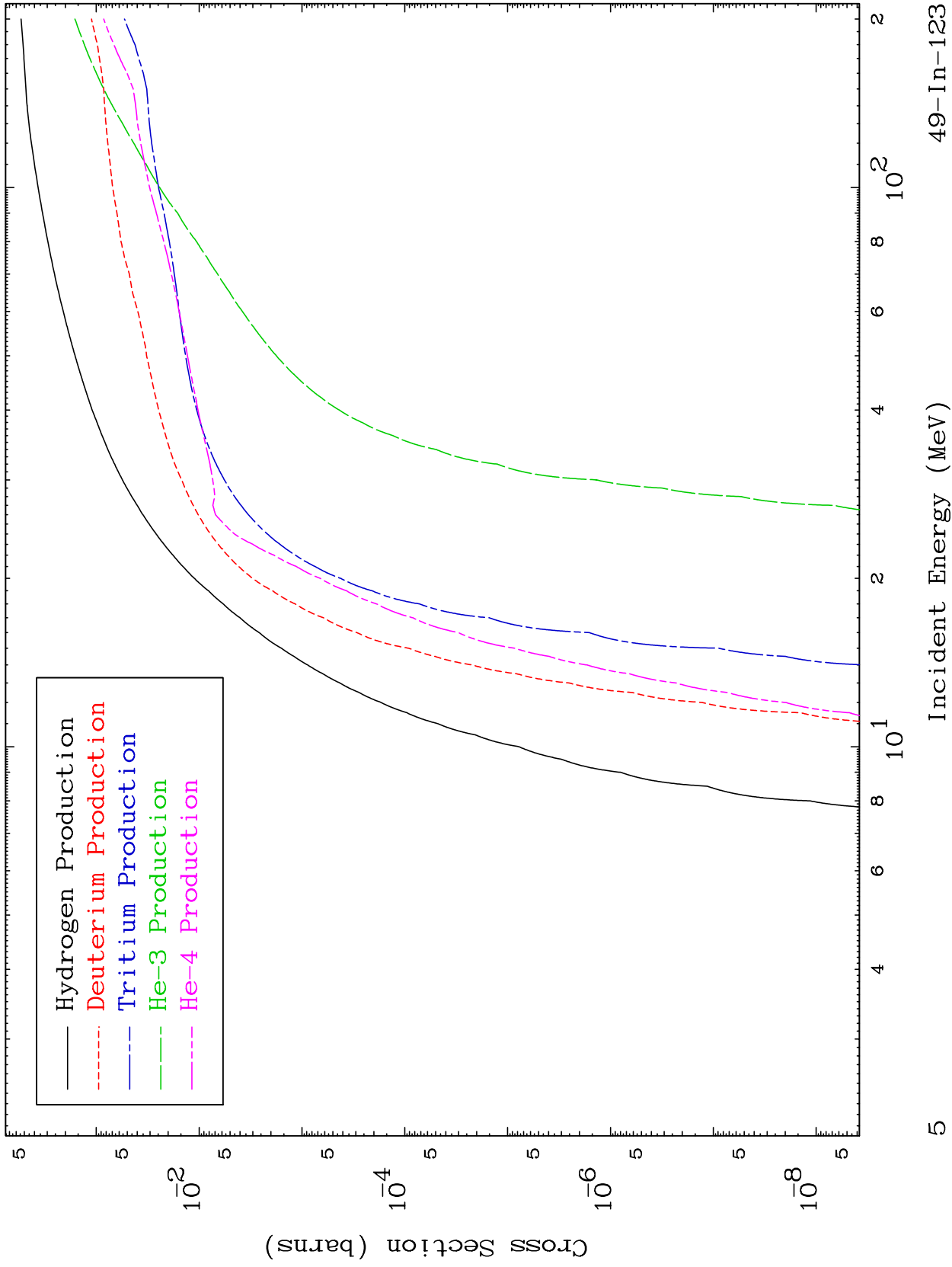
2

Incident Energy (MeV)

49-In-123





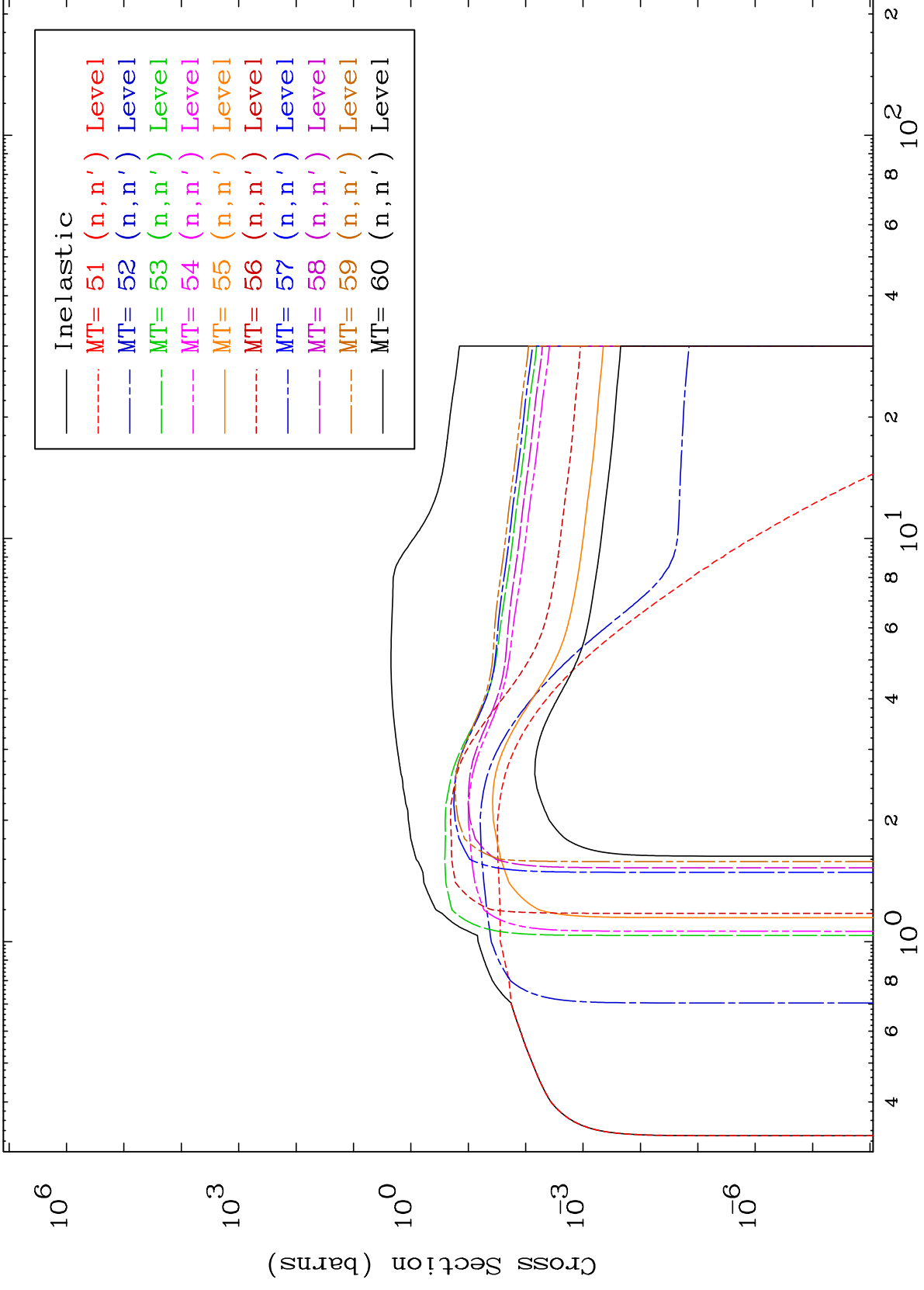


MAT 4955

(n,n') Level

49-In-123

293 Kelvin Cross Sections



6

Incident Energy (MeV)

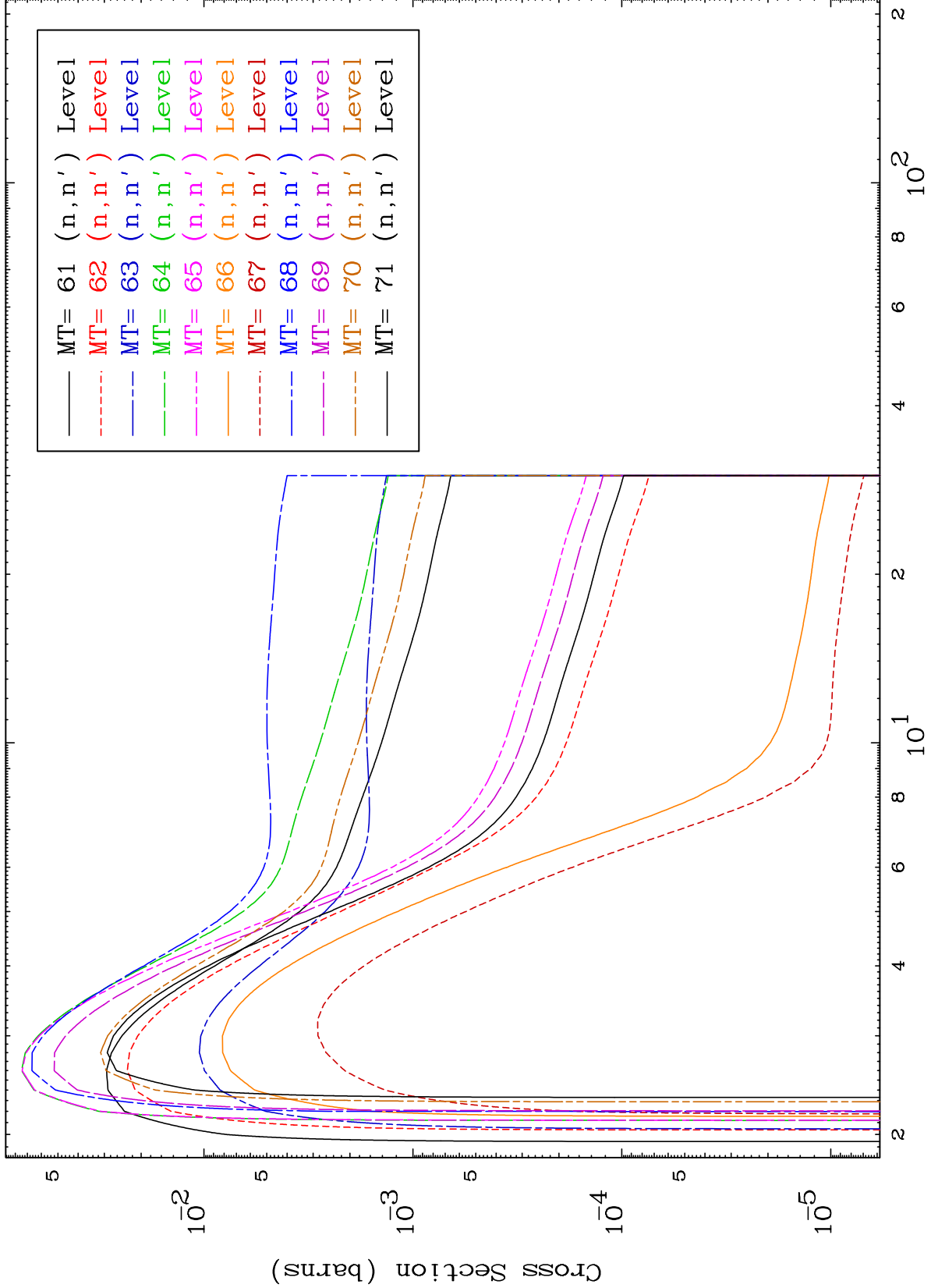
49-In-123

MAT 4955

(n,n') Level

49-In-123

293 Kelvin Cross Sections

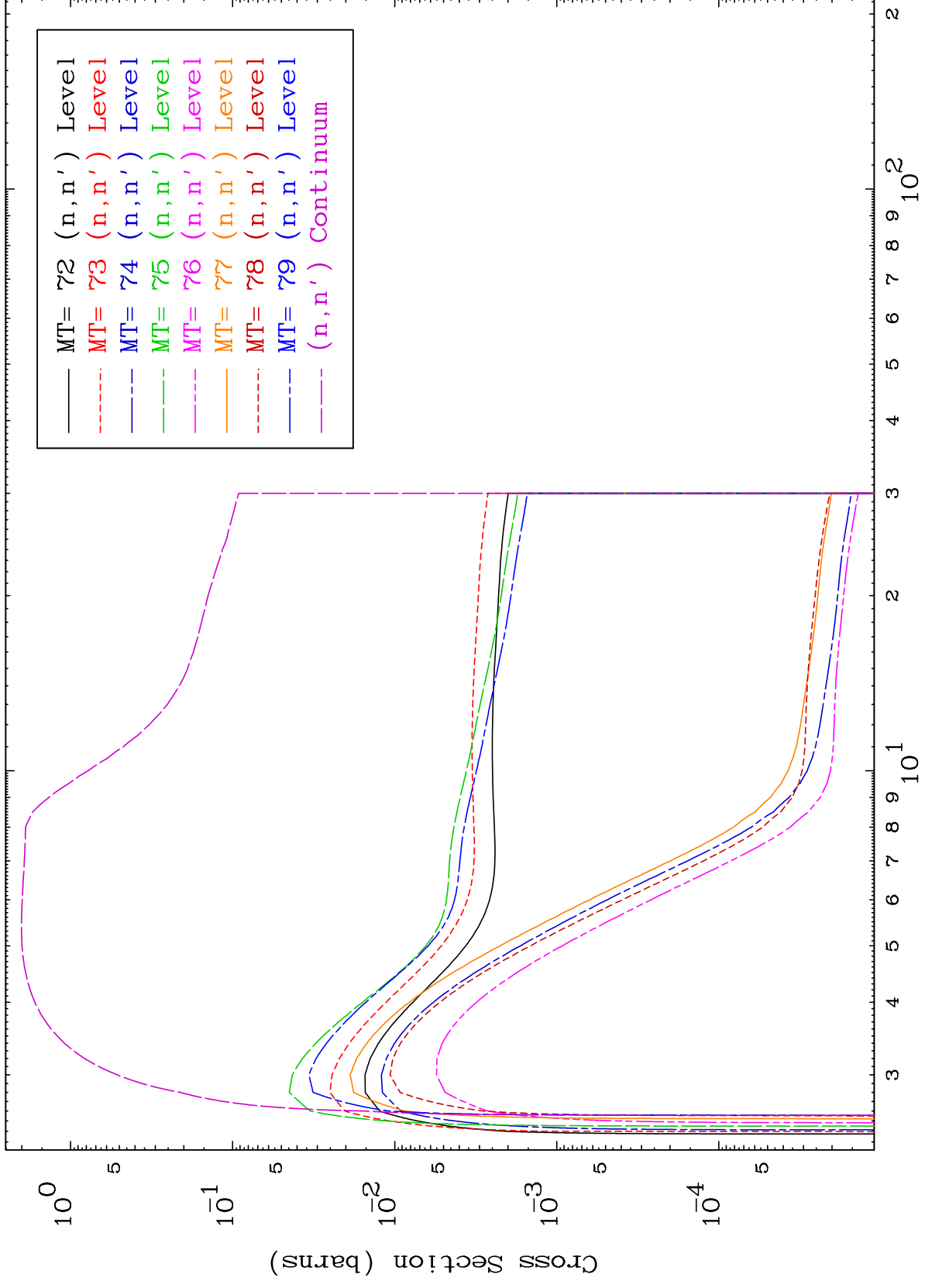


7

Incident Energy (MeV)

49-In-123

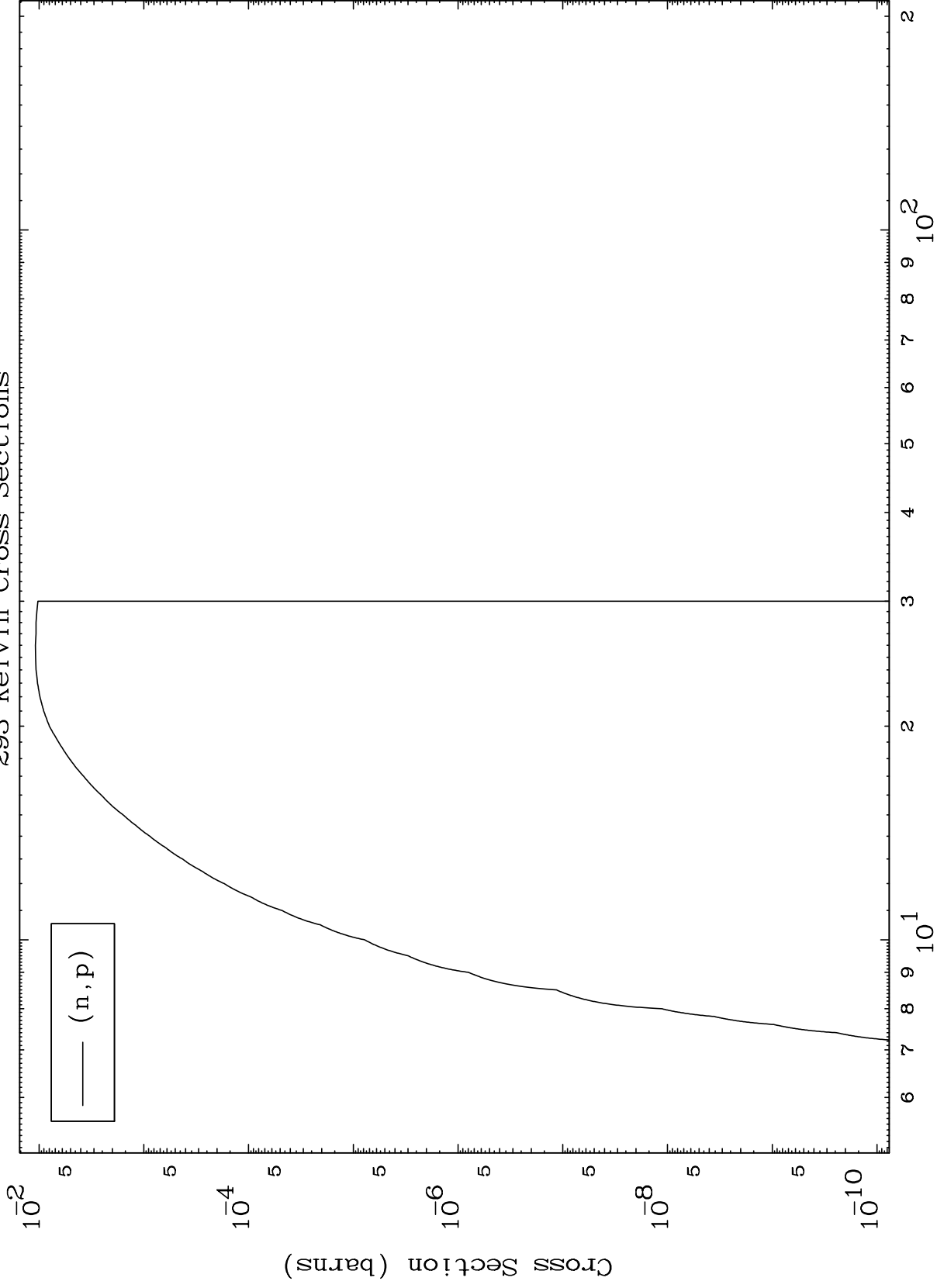
293 Kelvin Cross Sections



MAT 4955

(n,p) Levels
293 Kelvin Cross Sections

49-In-123



9

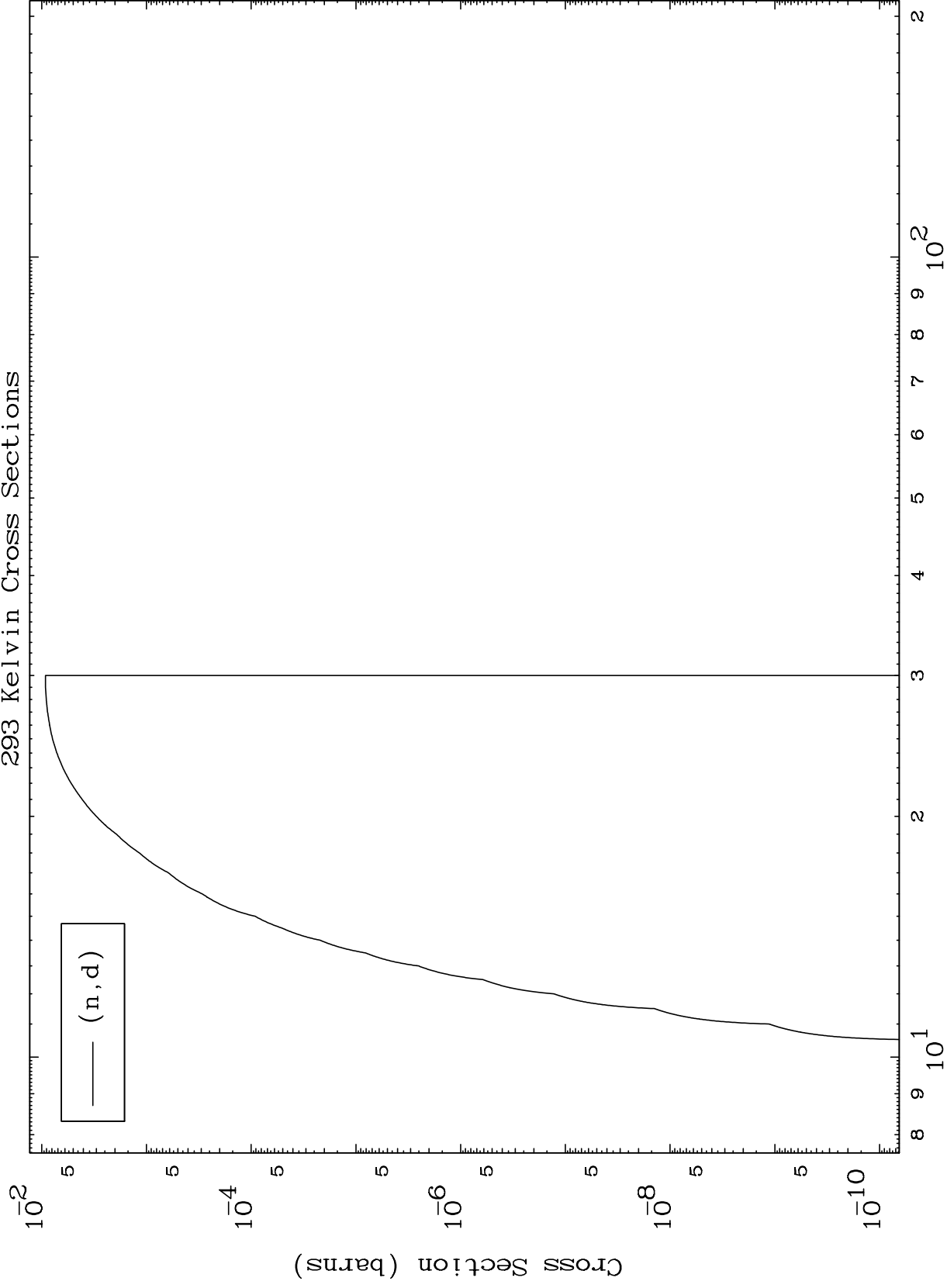
Incident Energy (MeV)

49-In-123

MAT 4955

(n,d) Levels
293 Kelvin Cross Sections

49-In-123

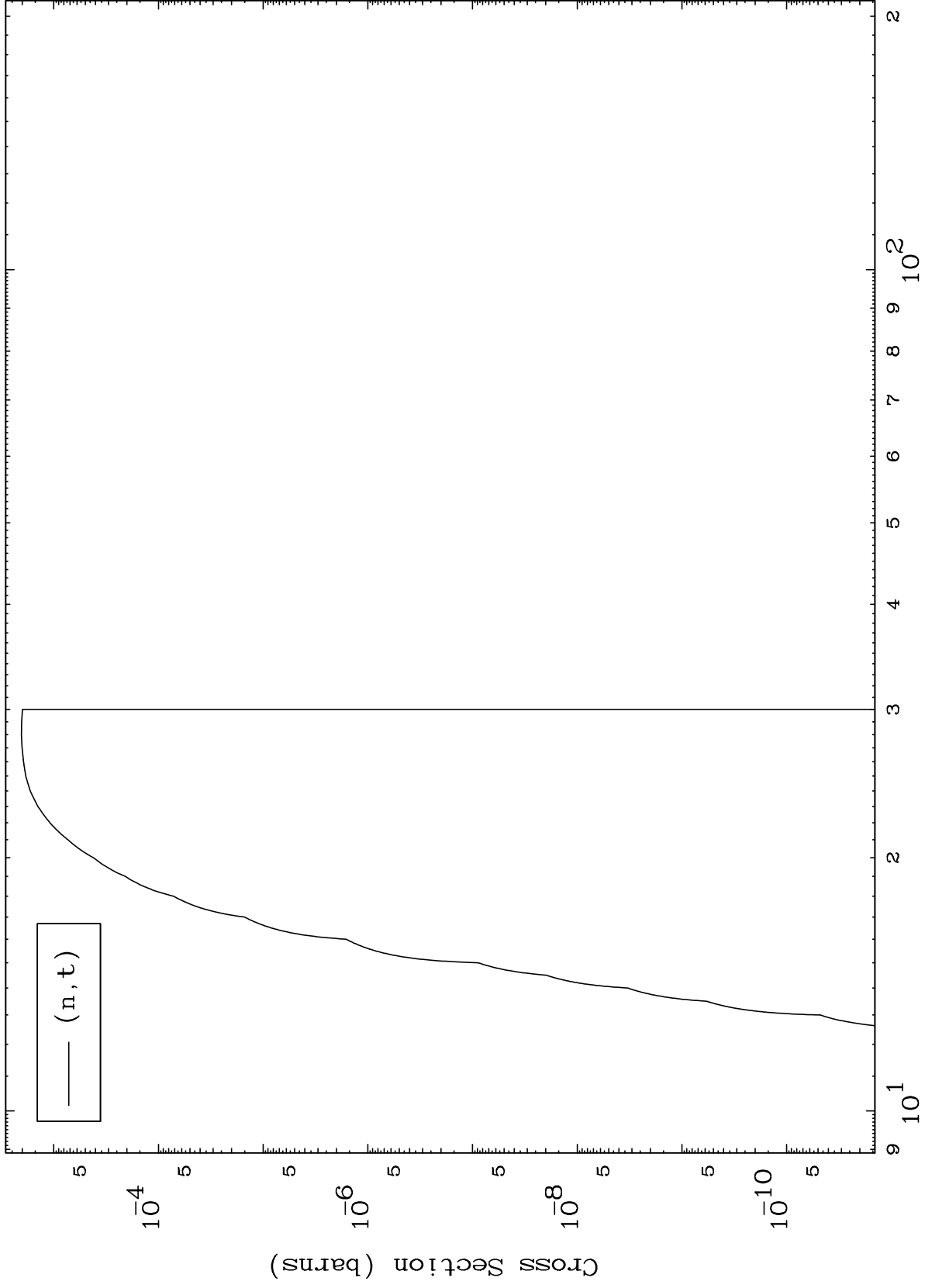


49-In-123

MAT 4955

(n,t) Levels
293 Kelvin Cross Sections

49-In-123



11

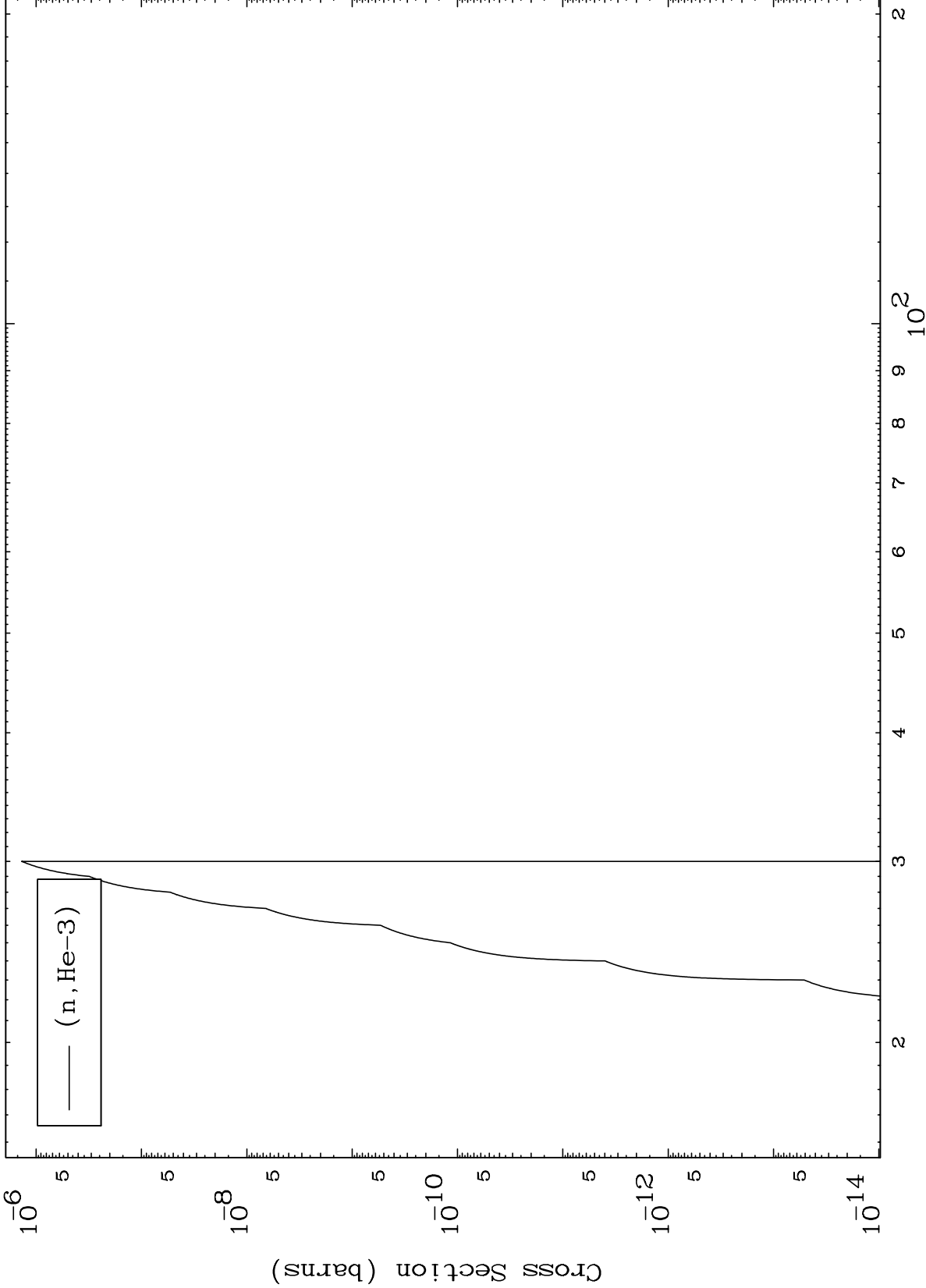
Incident Energy (MeV)

49-In-123

MAT 4955

(n,He3) Levels
293 Kelvin Cross Sections

49-In-123



12

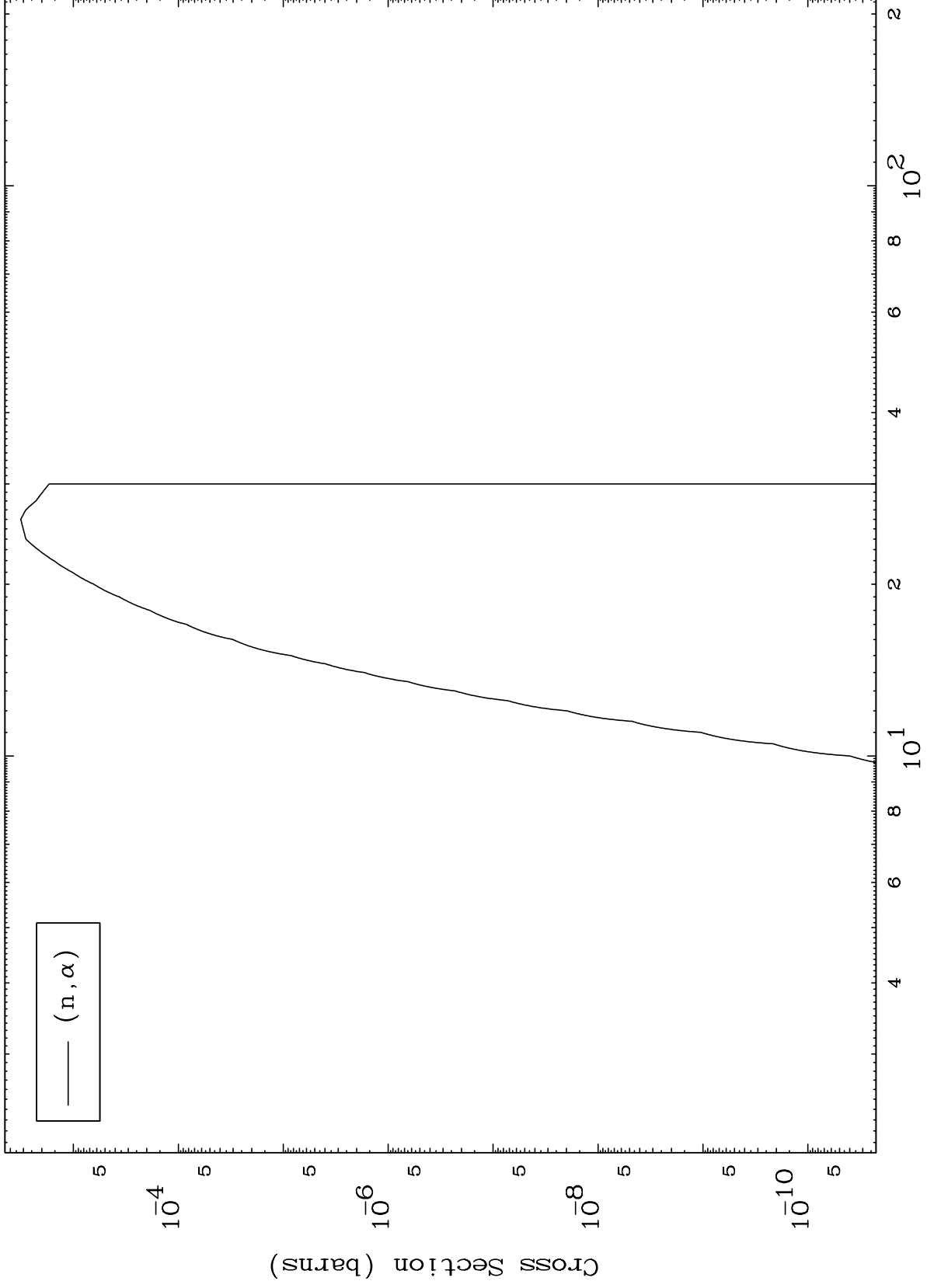
Incident Energy (MeV)

49-In-123

MAT 4955

(n, α) Levels
293 Kelvin Cross Sections

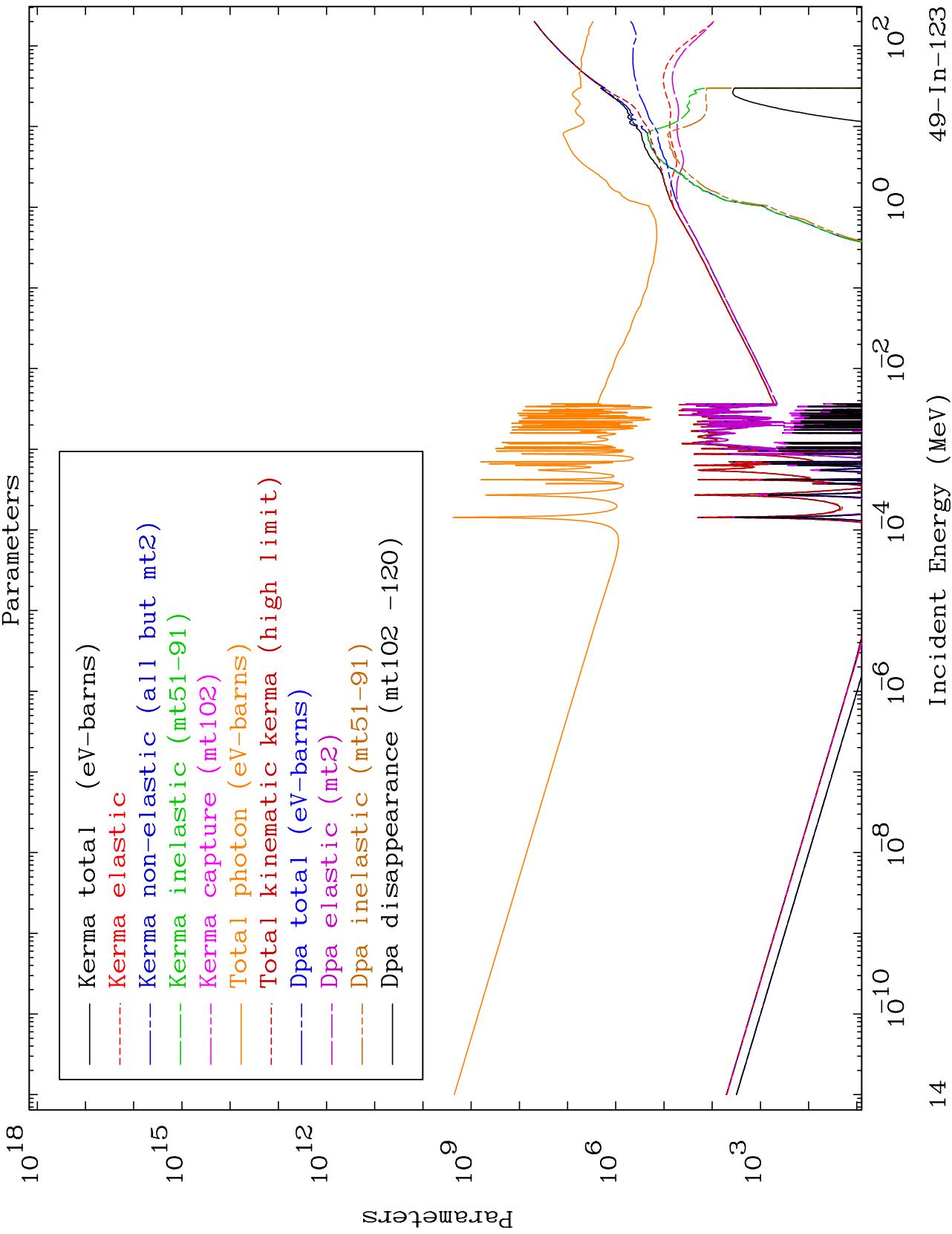
49-In-123



13

Incident Energy (MeV)

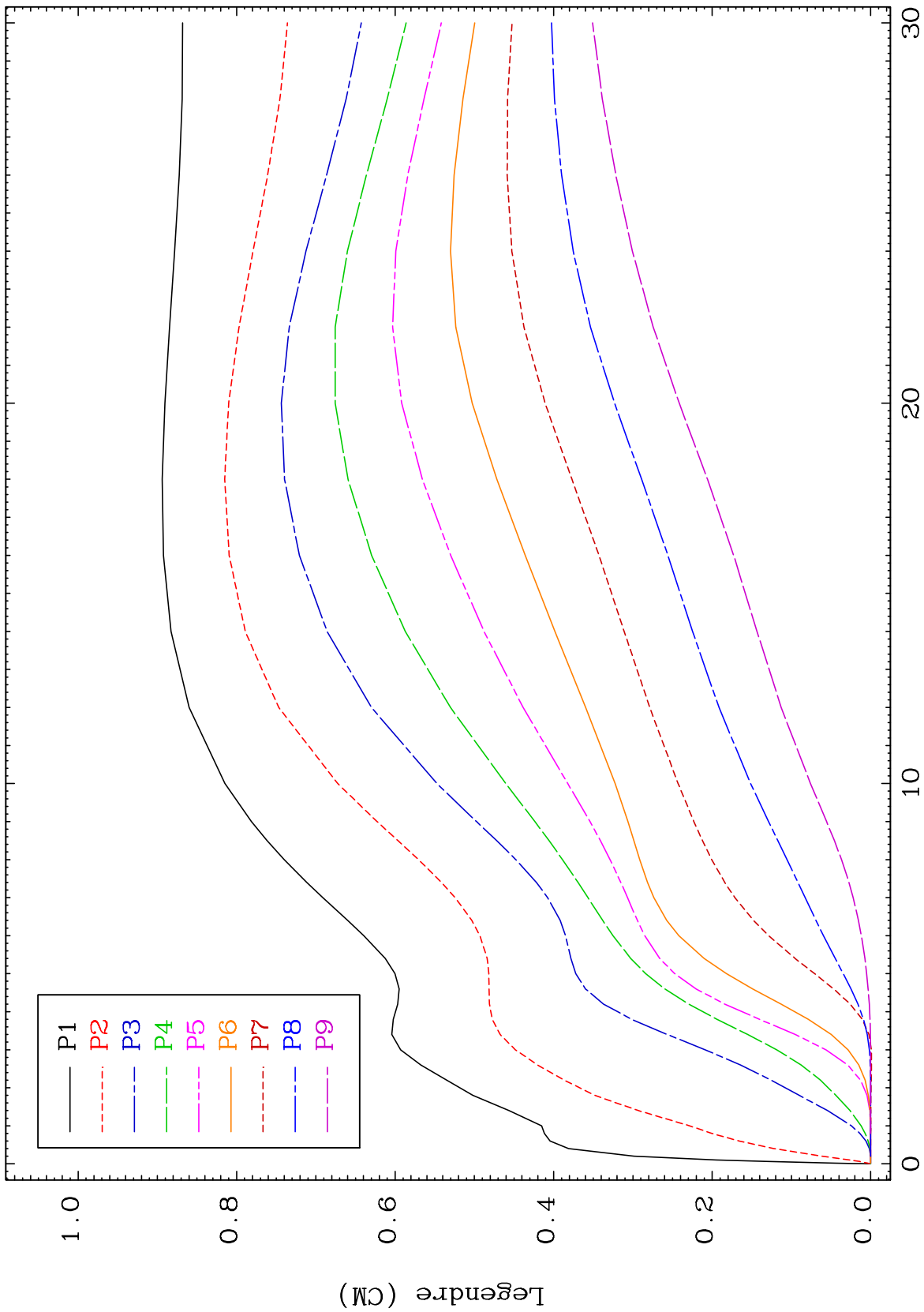
49-In-123



MAT 4955

Elastic Legendre Coefficients

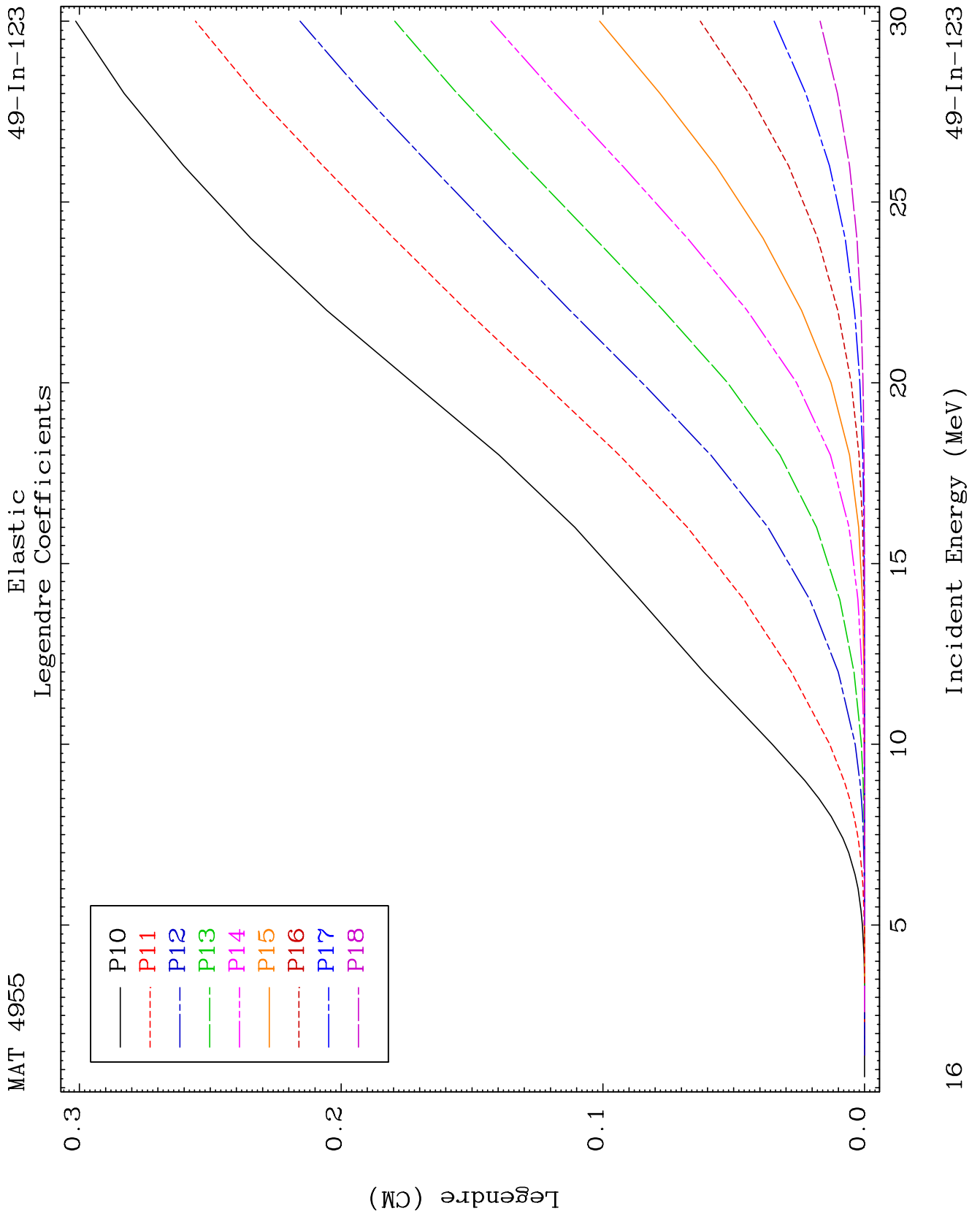
49-In-123



15

Incident Energy (MeV)

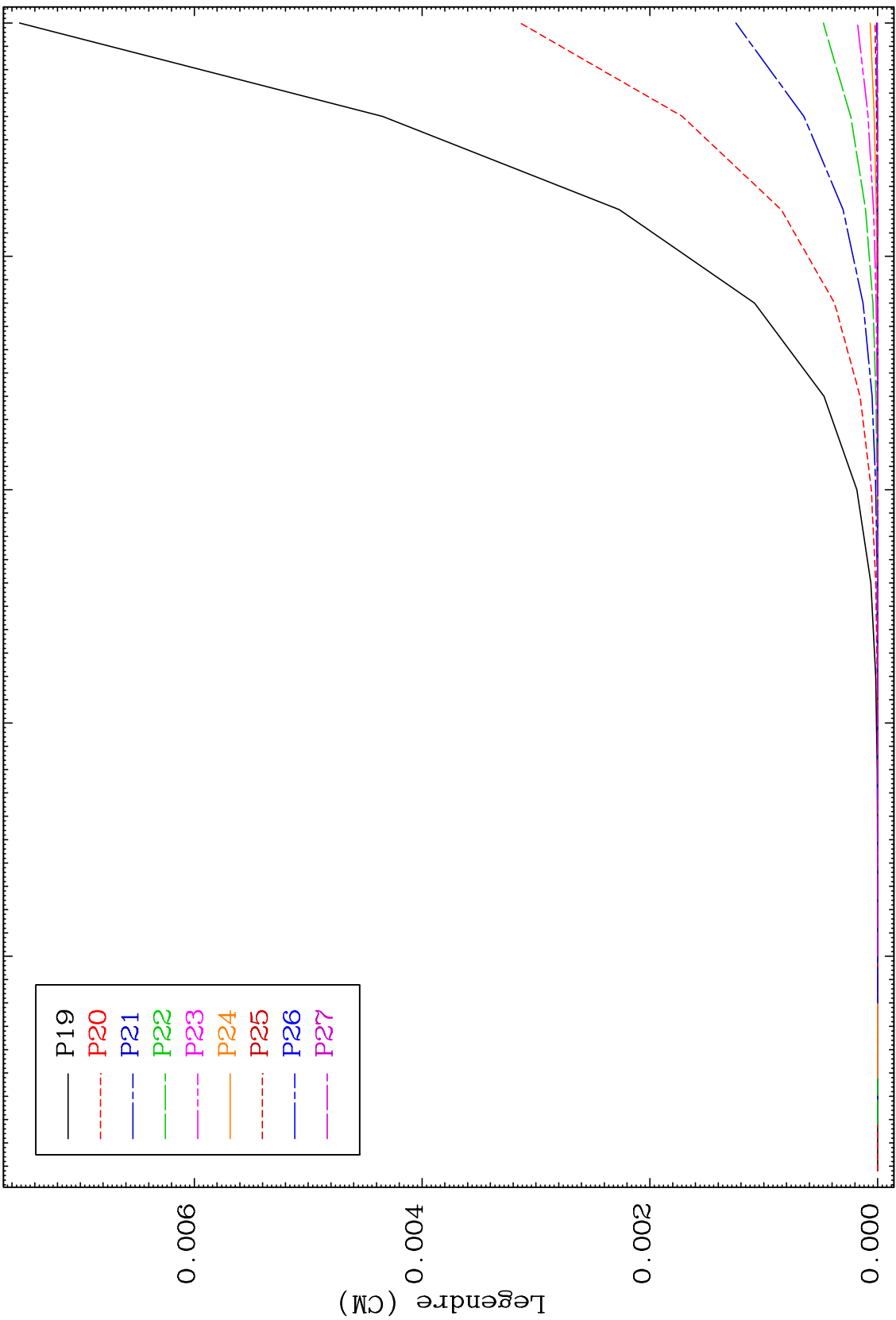
49-In-123



MAT 4955

Elastic Legendre Coefficients

49-In-123



17

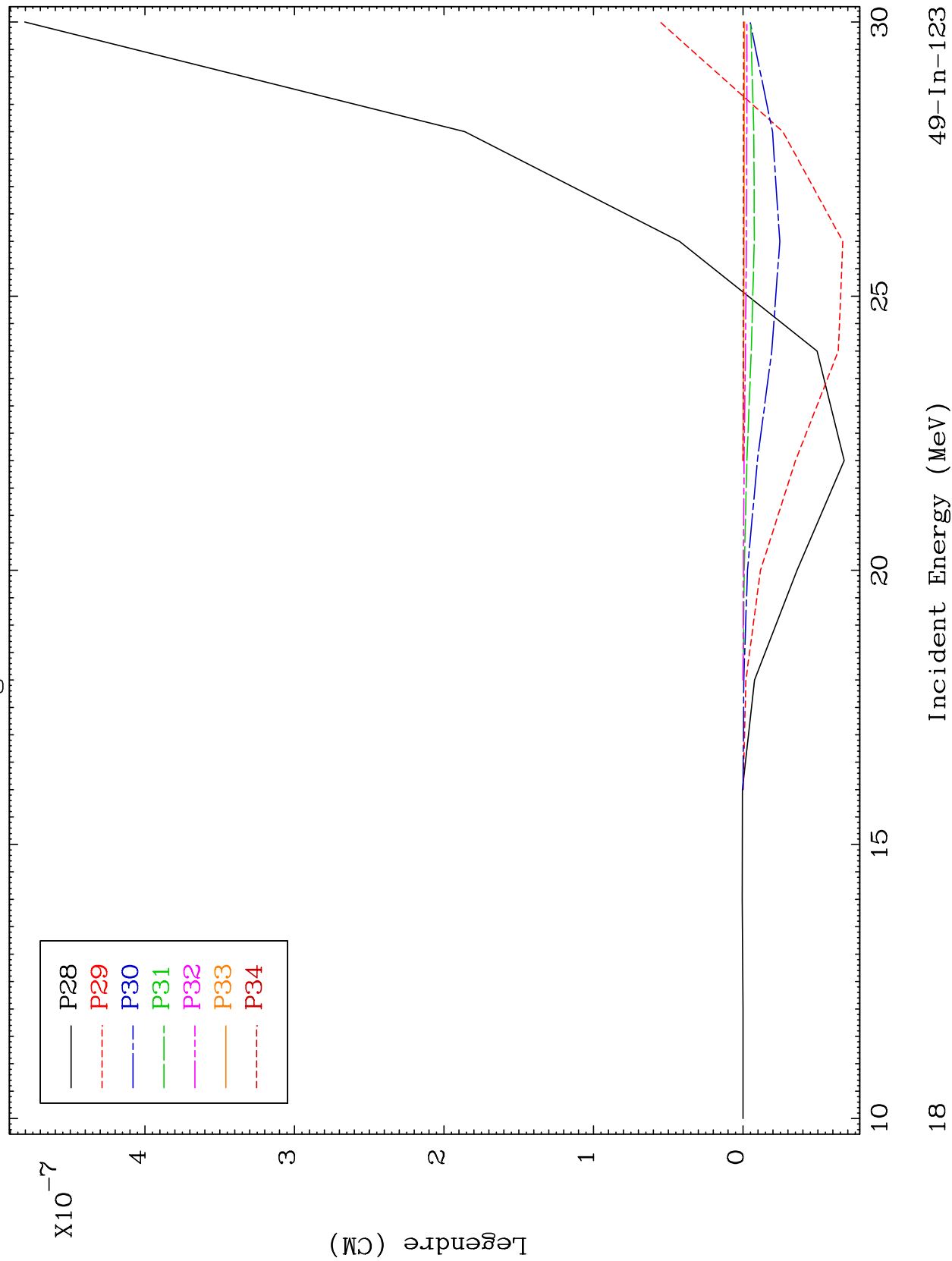
Incident Energy (MeV)

49-In-123

MAT 4955

Elastic Legendre Coefficients

49-In-123



18

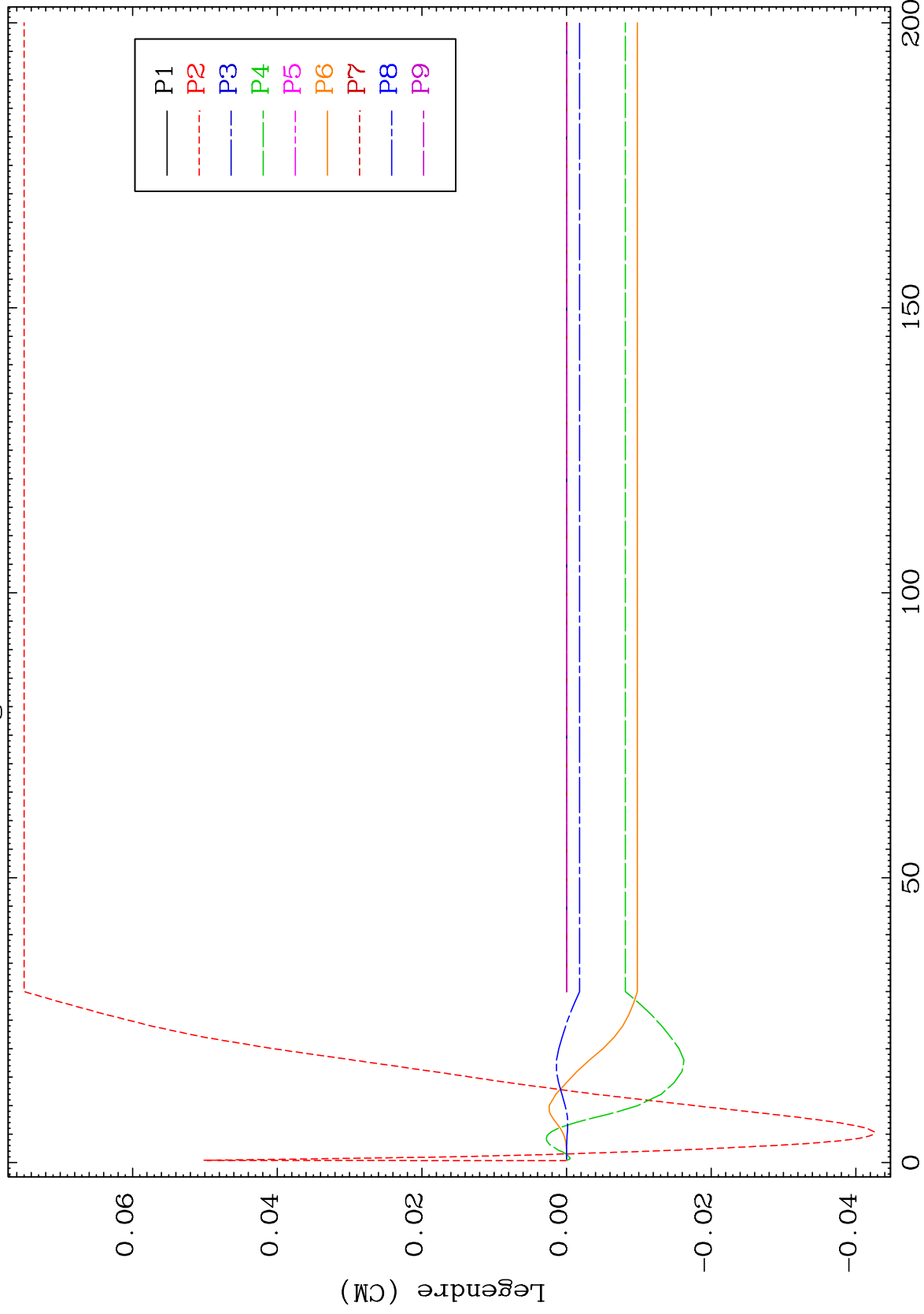
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



19

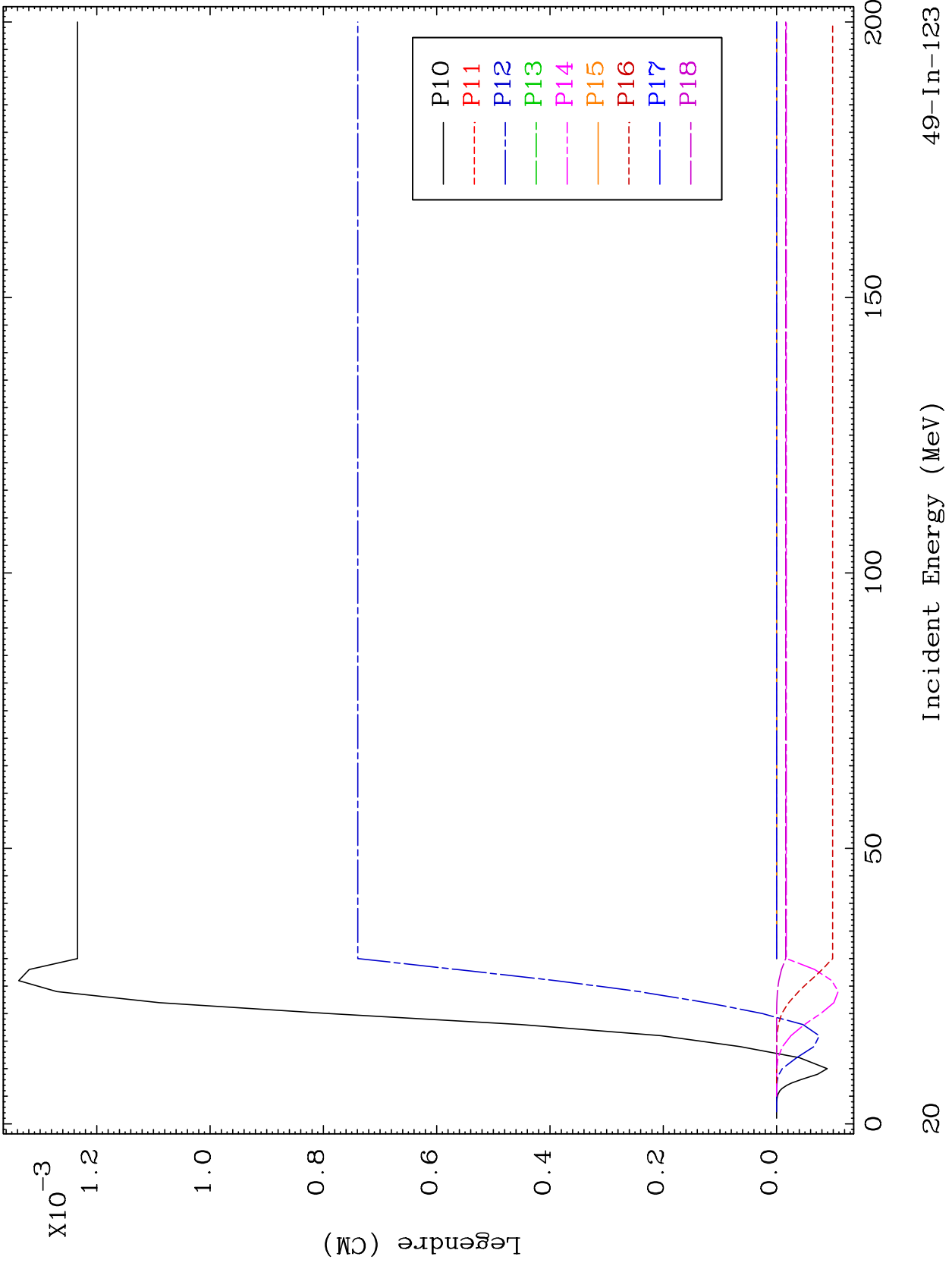
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



49-In-123

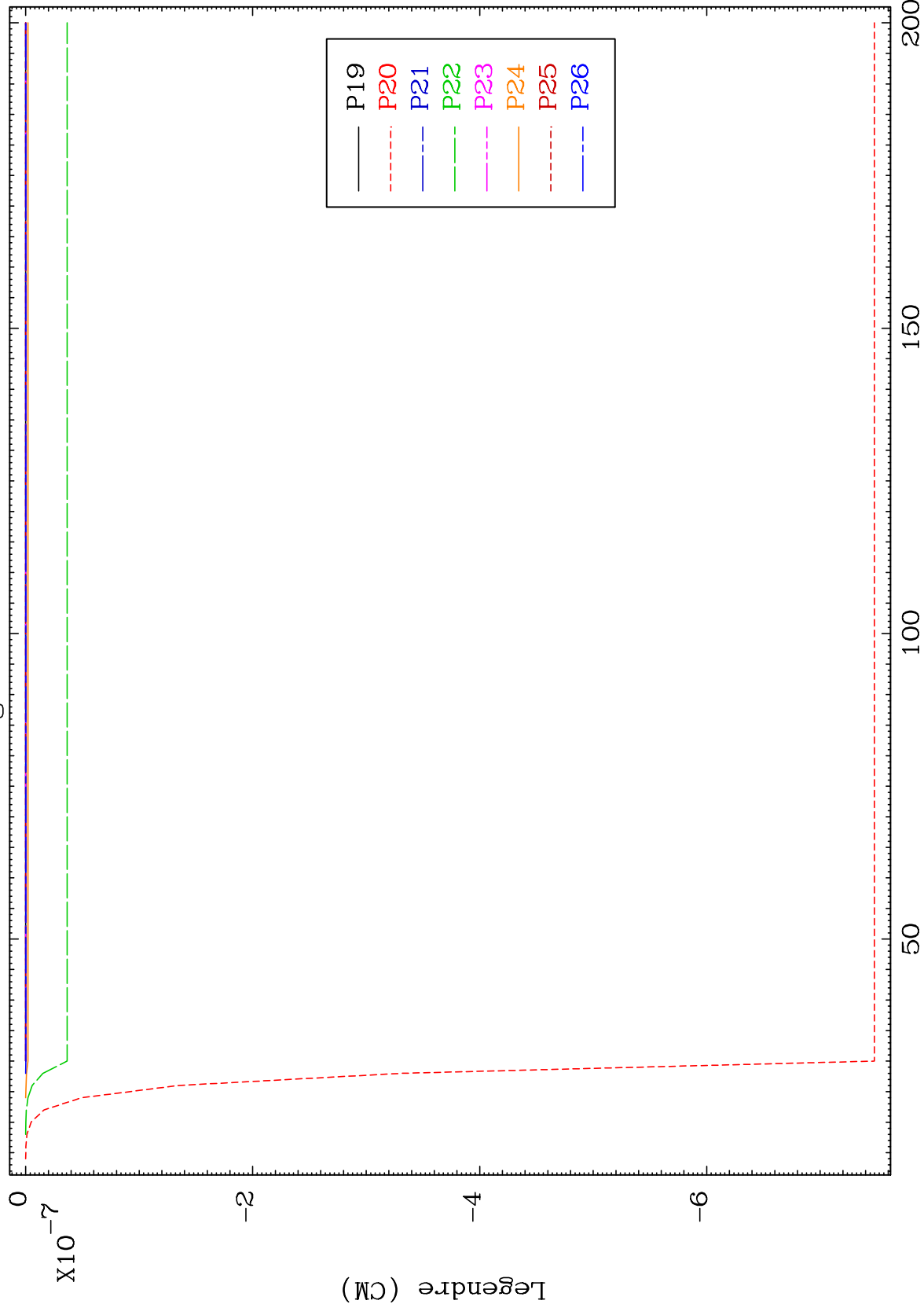
Incident Energy (MeV)

20

MAT 4955

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

49-In-123



21

Incident Energy (MeV)

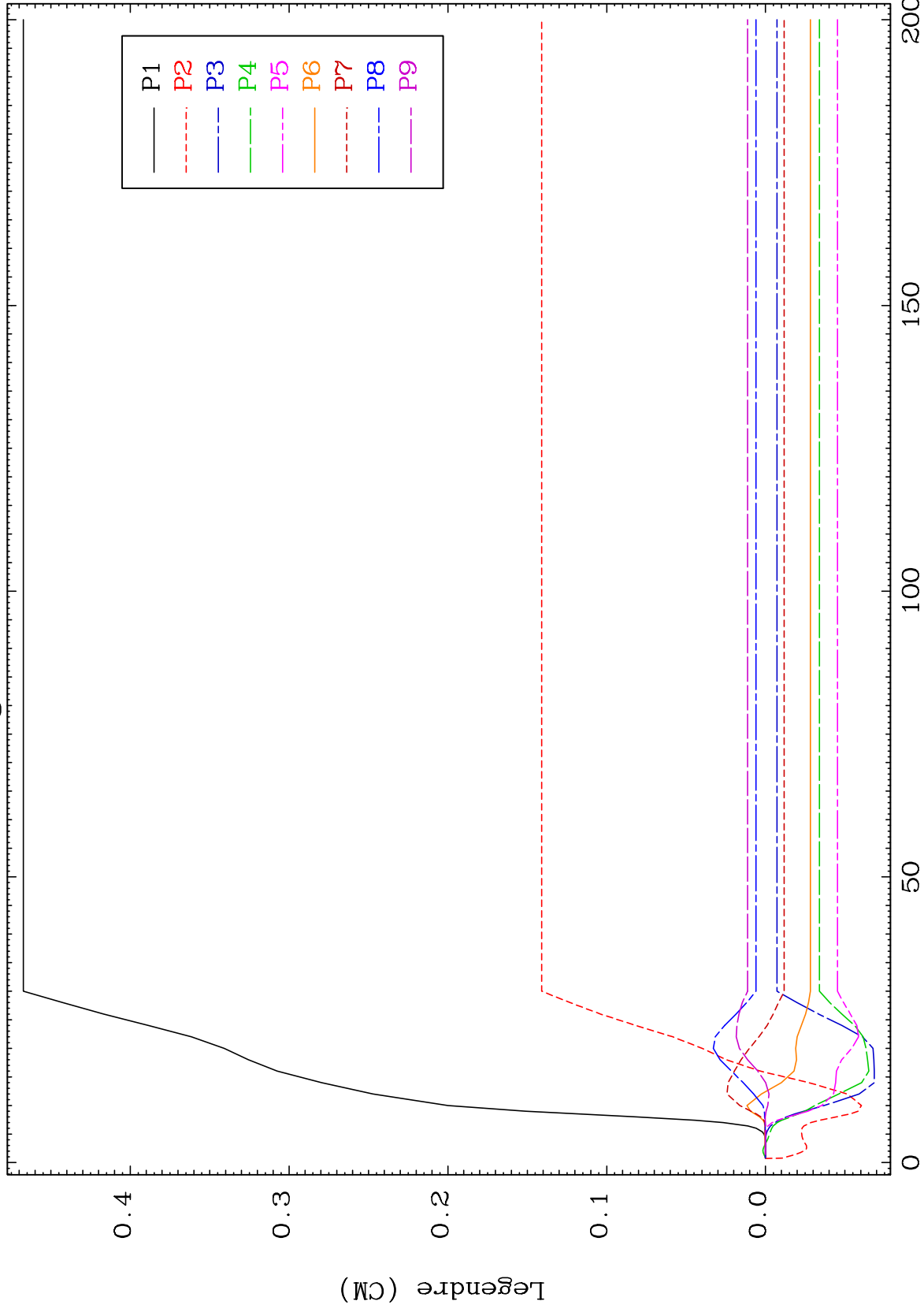
49-In-123

MAT 4955

MT= 52 (n,n') Level

49-In-123

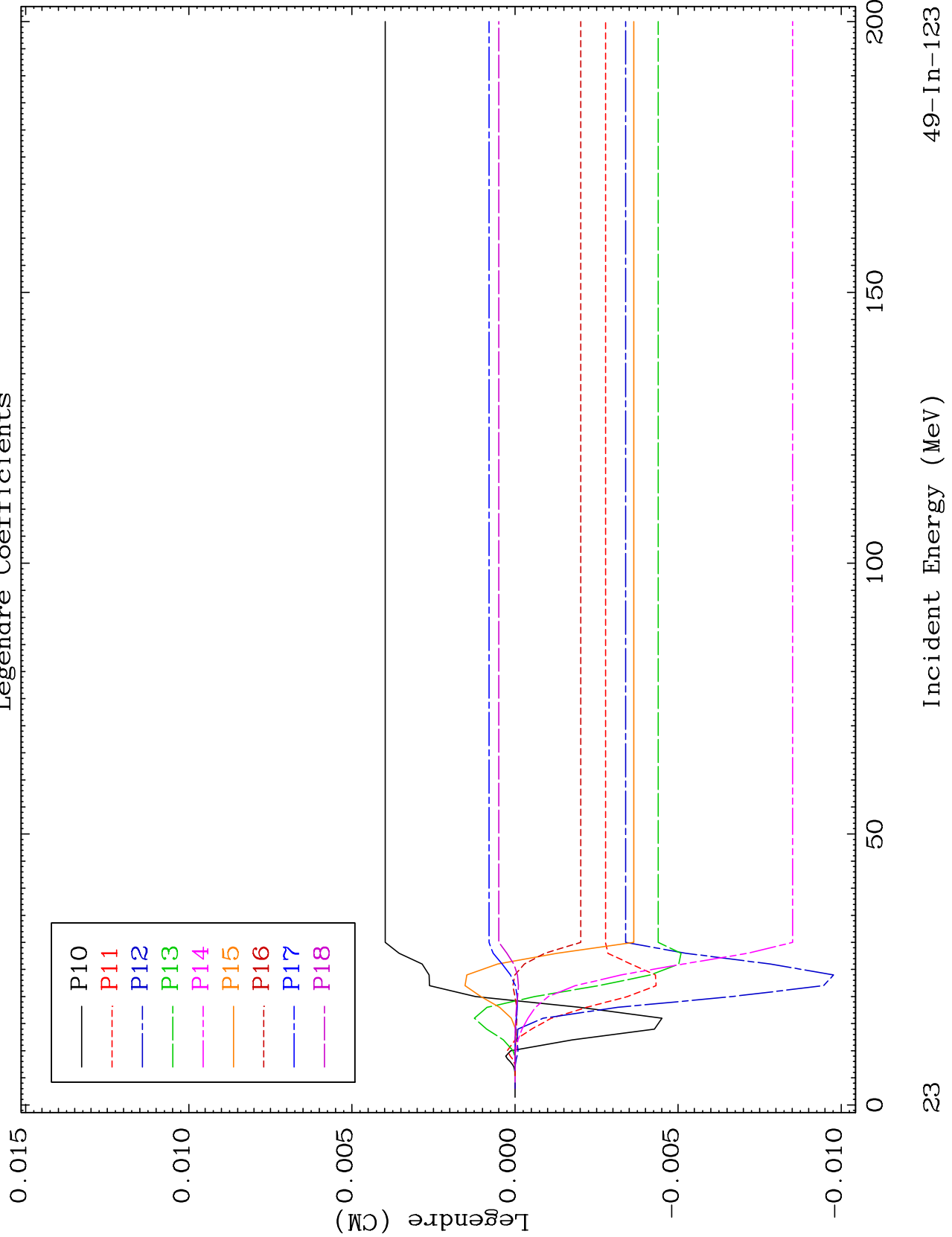
Legendre Coefficients

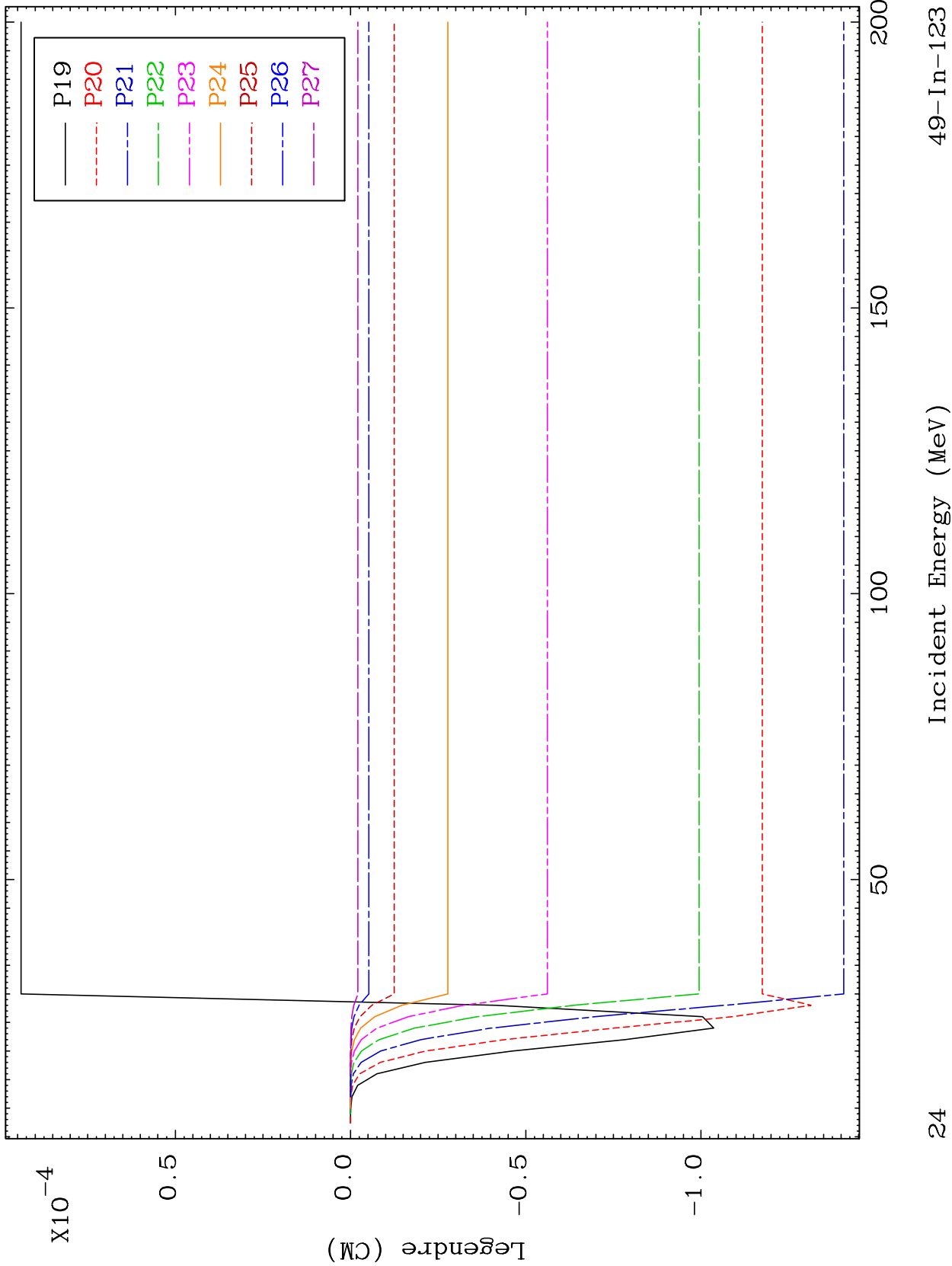


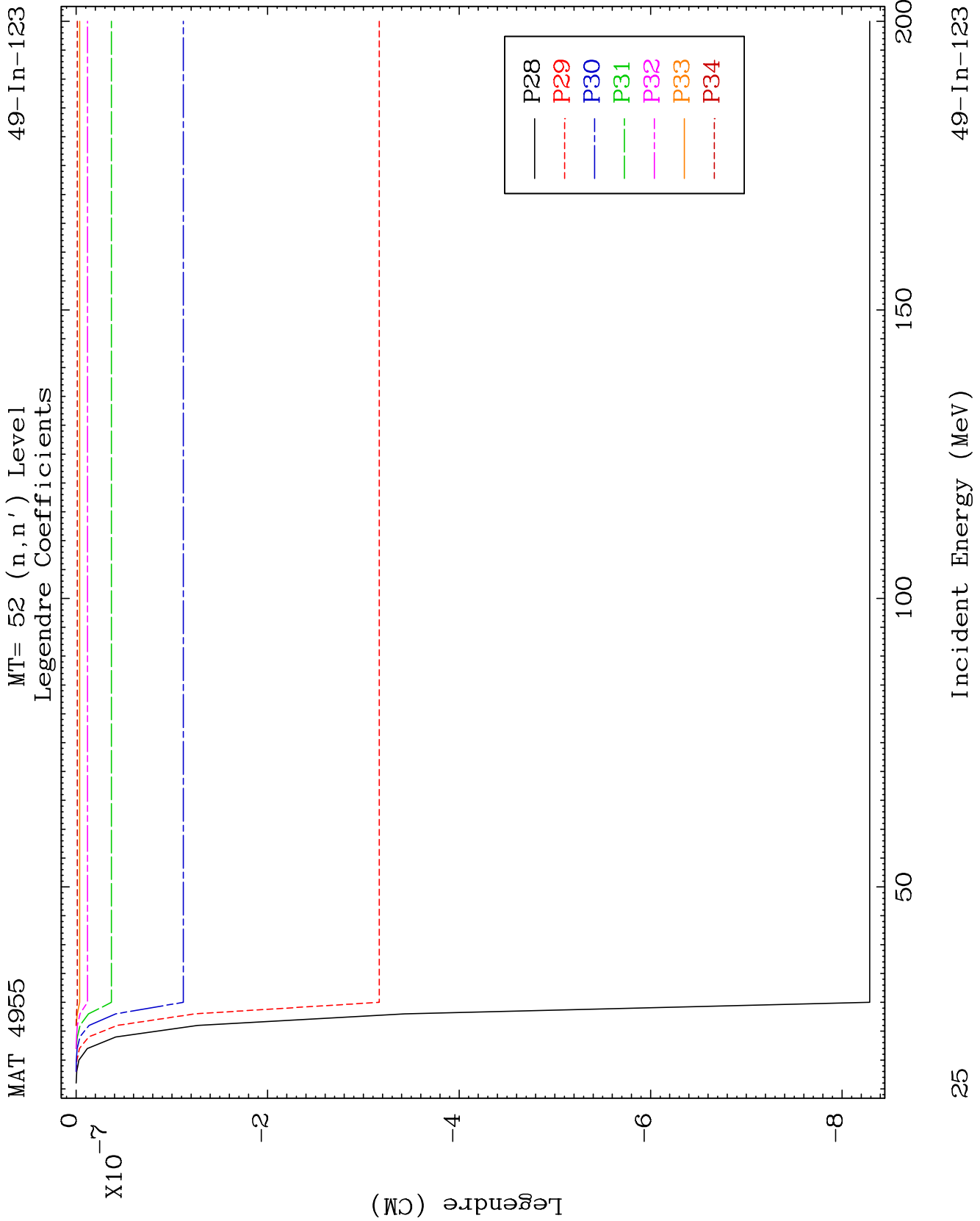
22

Incident Energy (MeV)

49-In-123





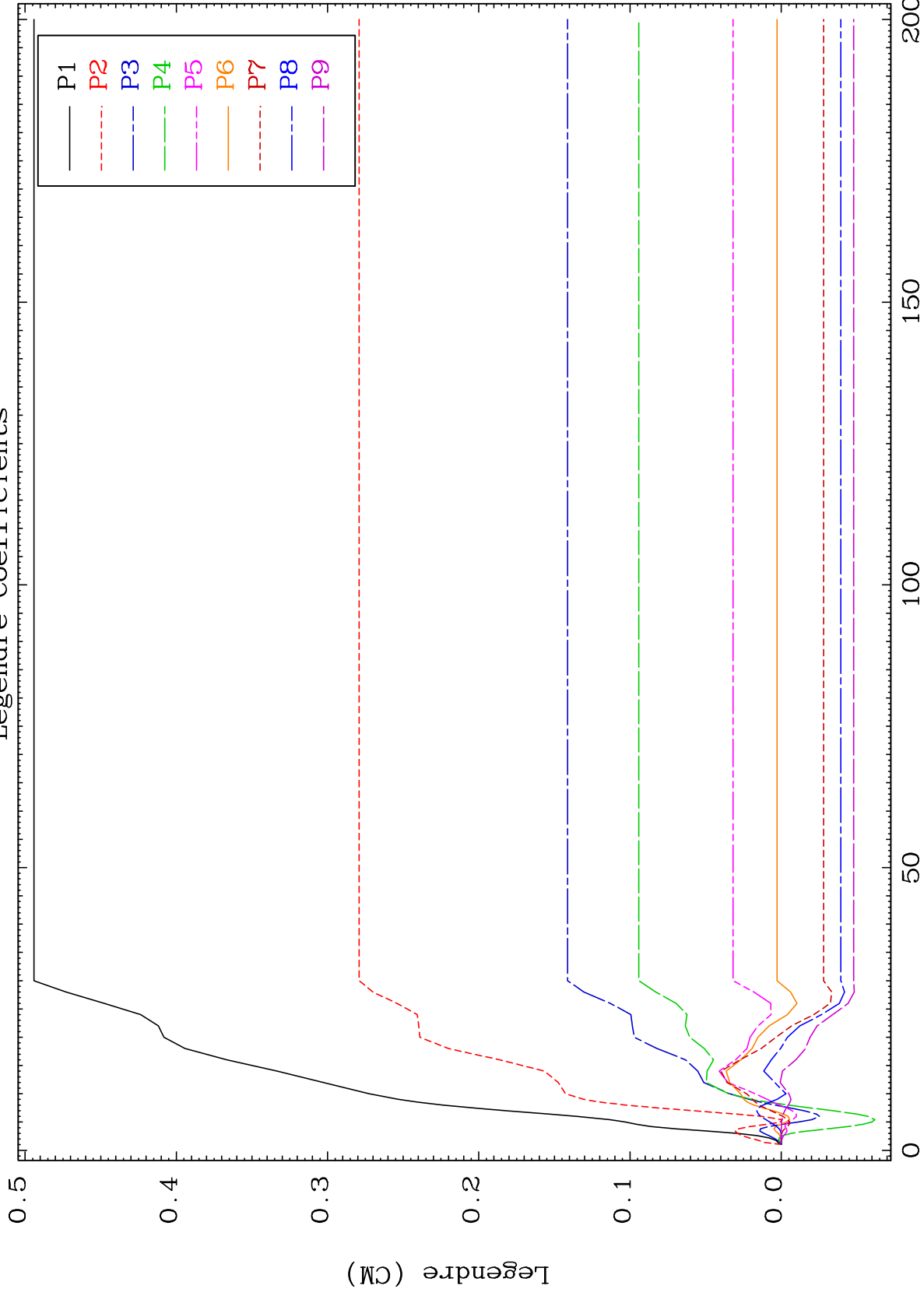


MAT 4955

MT= 53 (n,n') Level

49-In-123

Legendre Coefficients



26

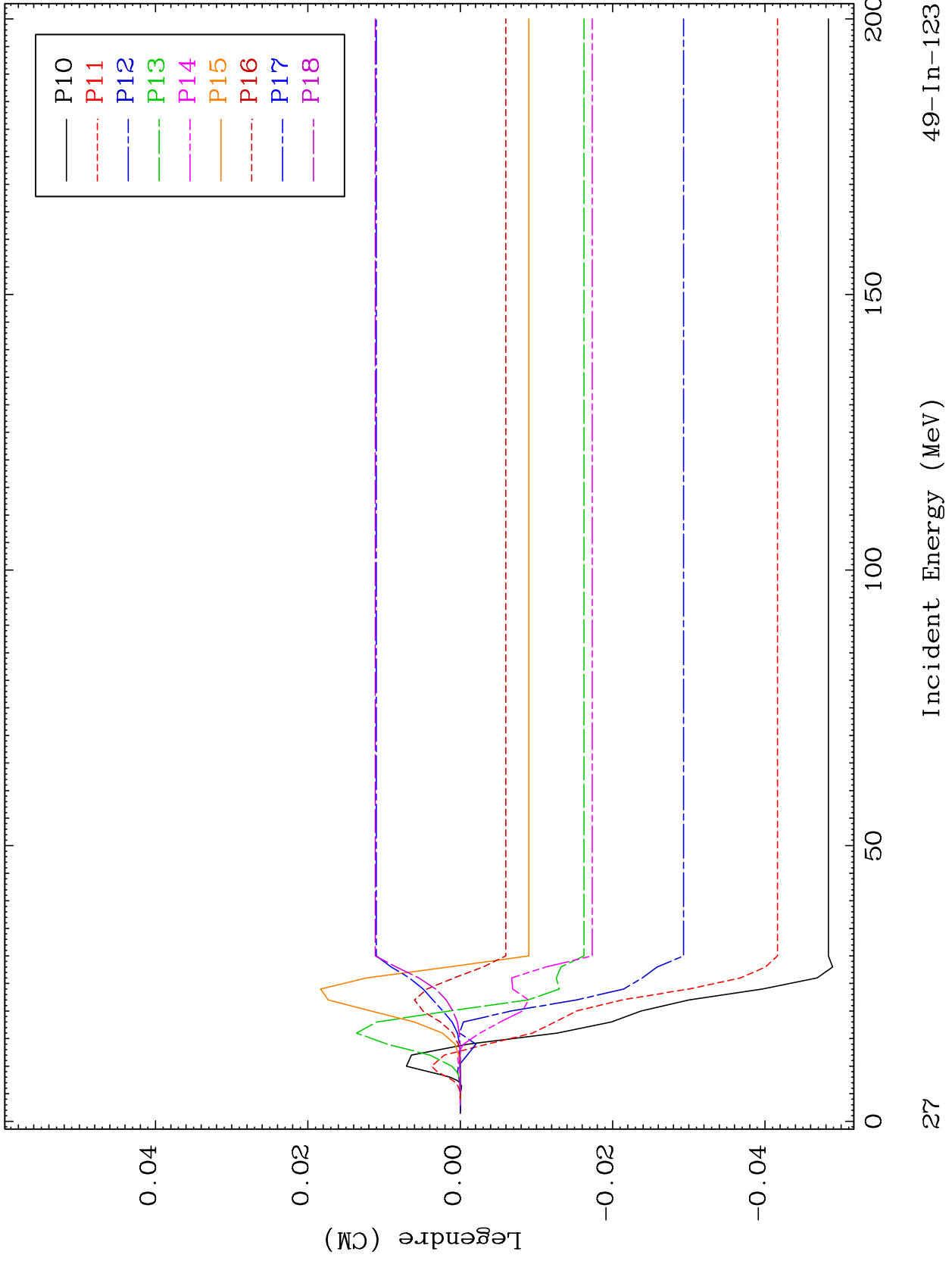
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



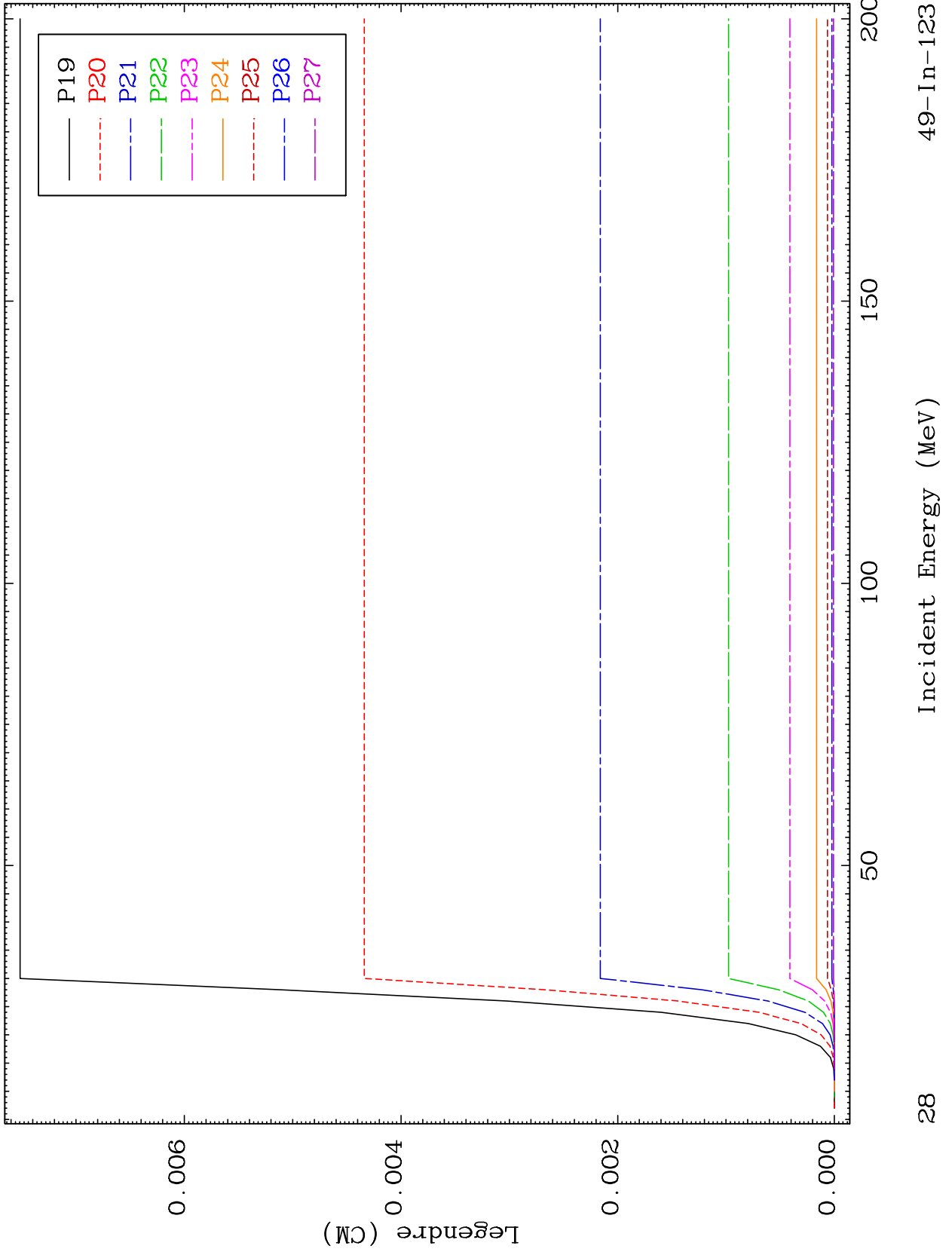
27

49-In-123

MAT 4955

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

49-In-123



28

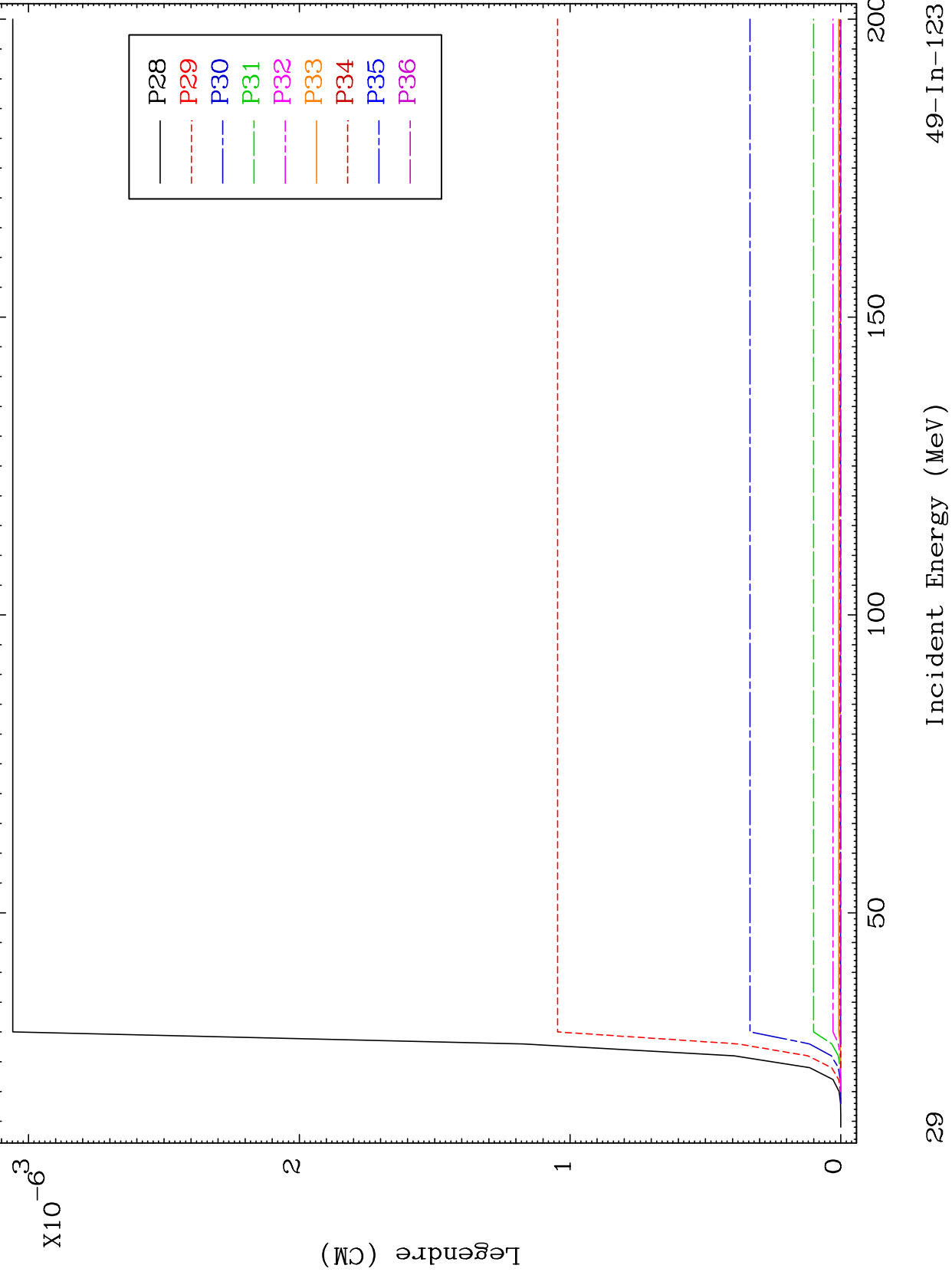
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123

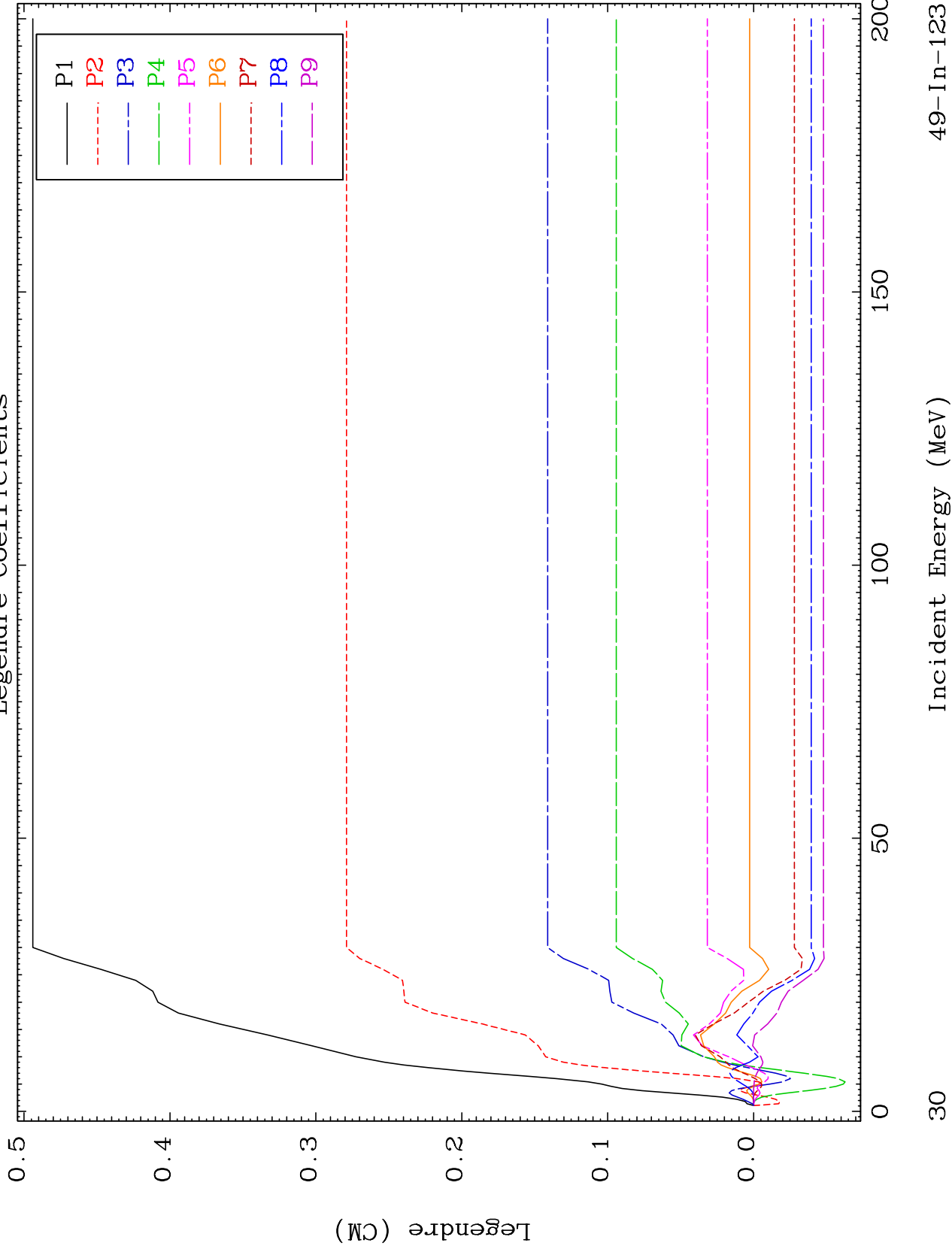


MAT 4955

MT= 54 (n,n') Level

49-In-123

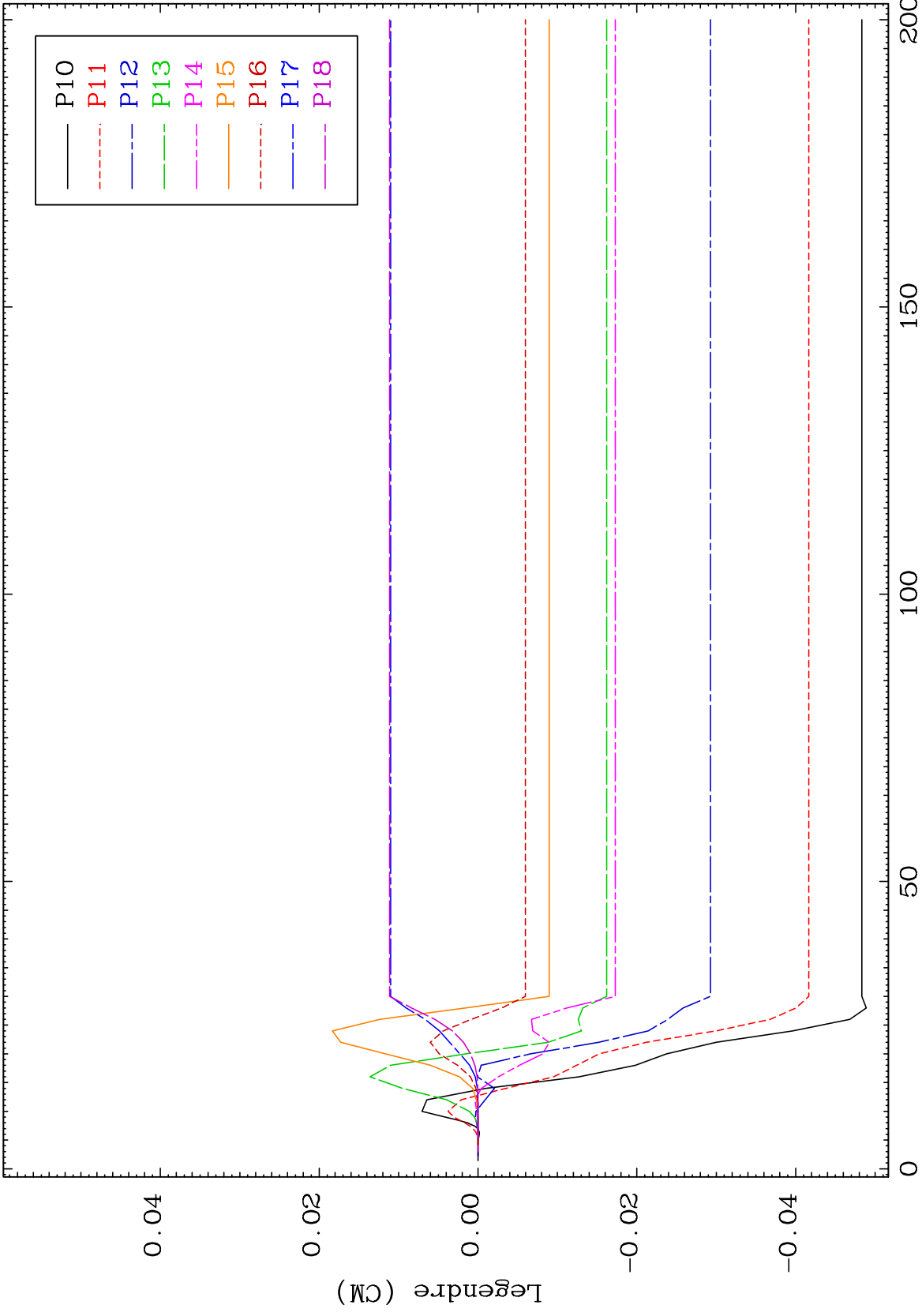
Legendre Coefficients



MAT 4955

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

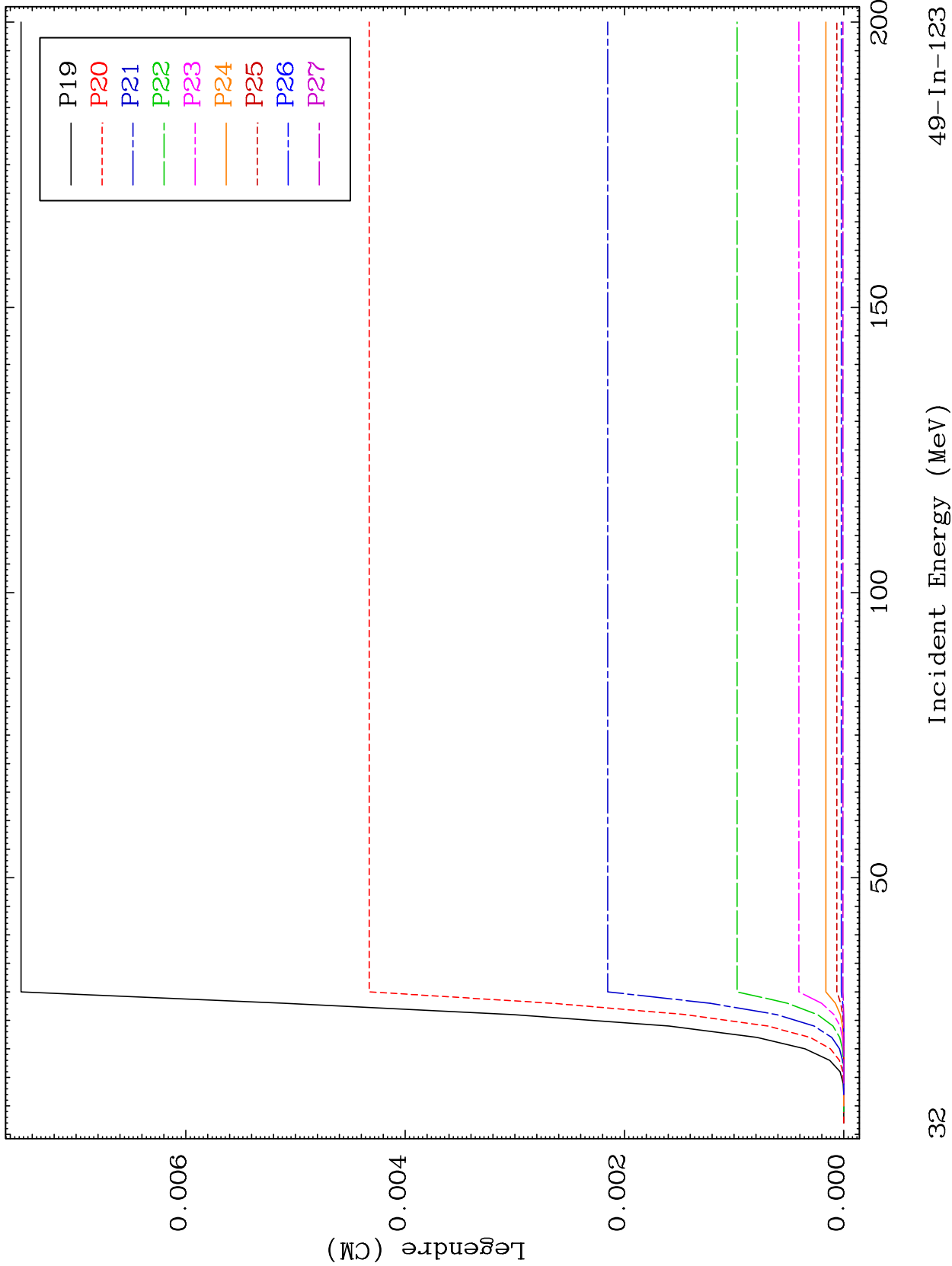
49-In-123



31

Incident Energy (MeV)

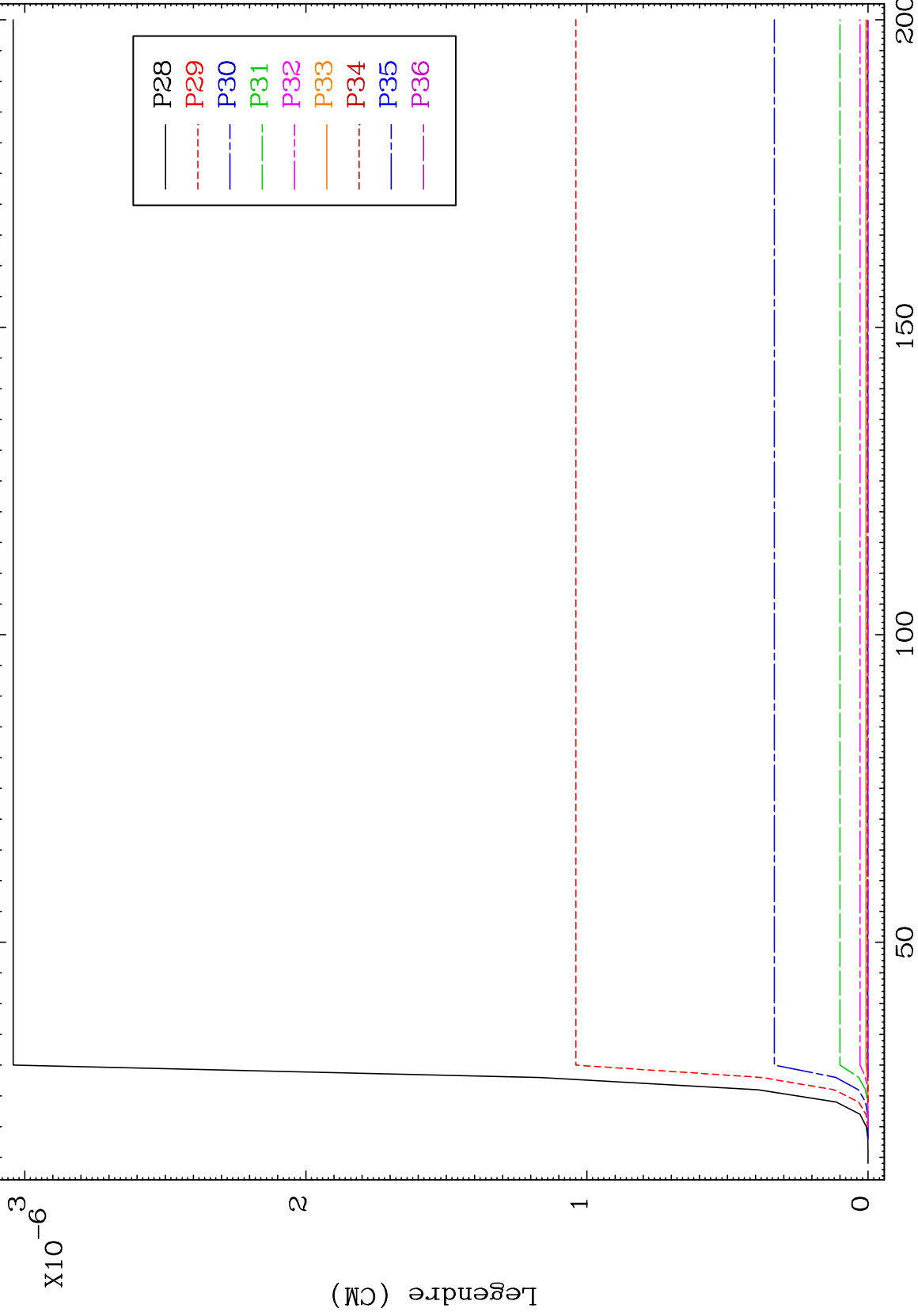
49-In-123



MAT 4955

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

49-In-123



33

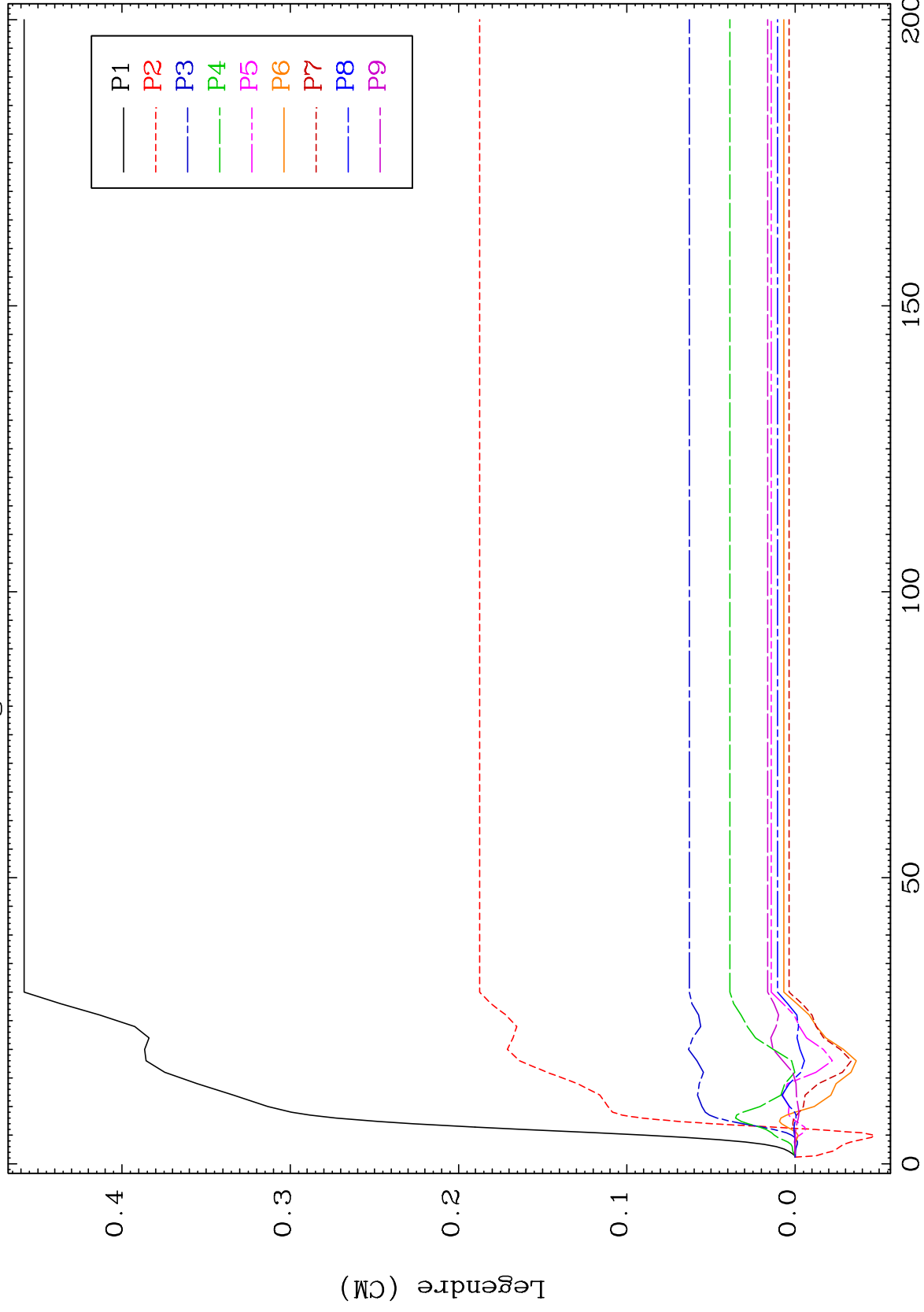
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



34

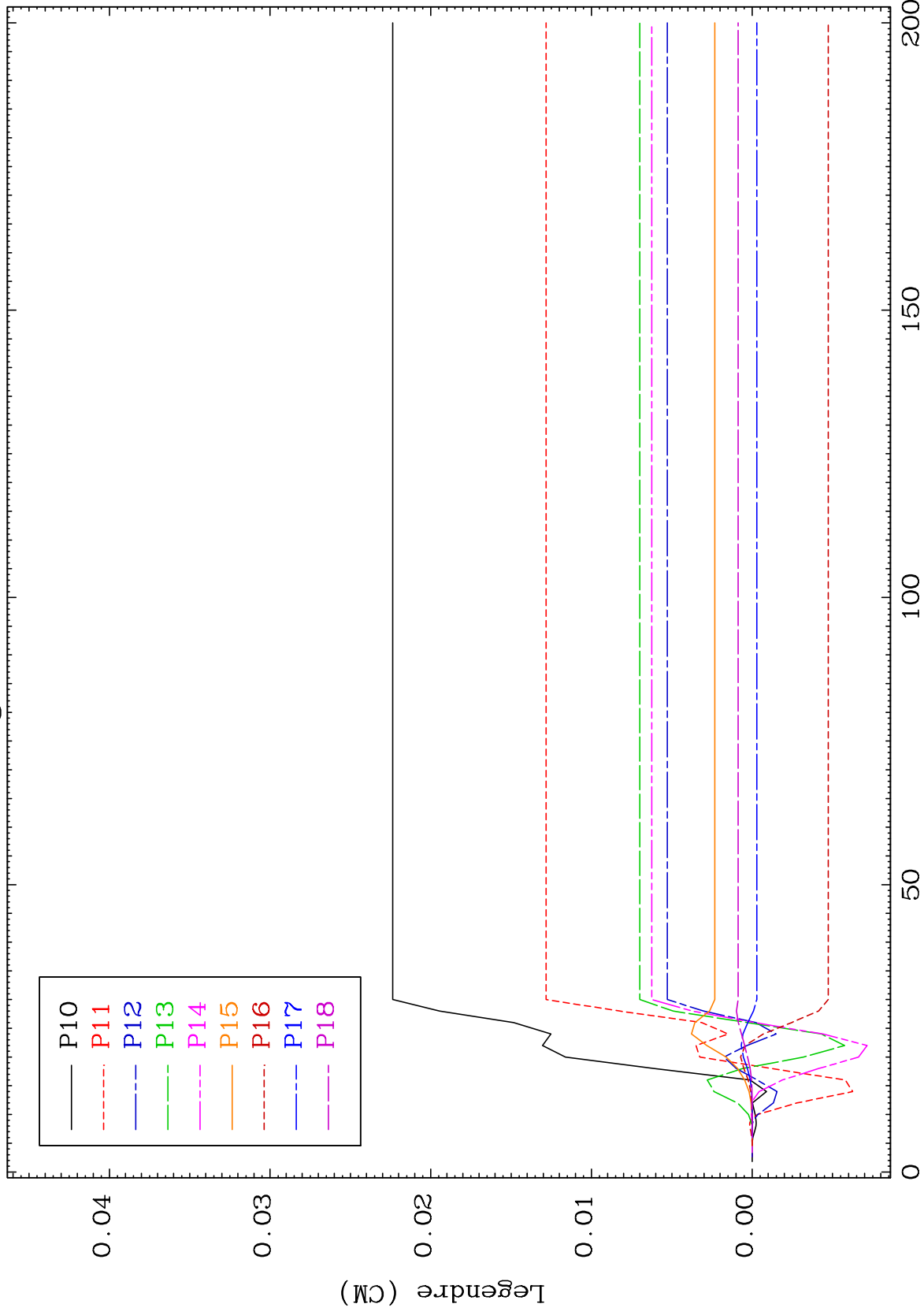
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



35

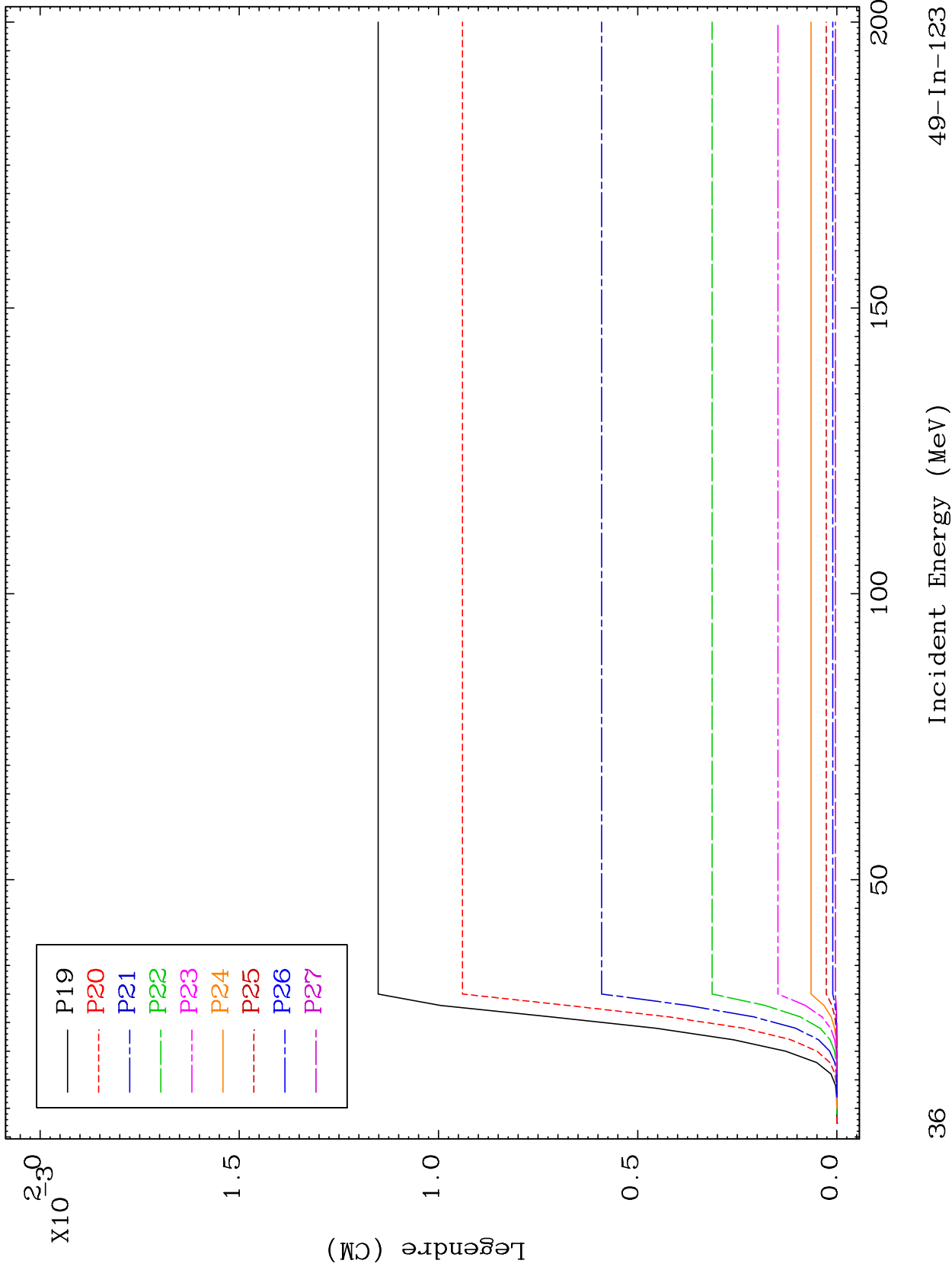
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



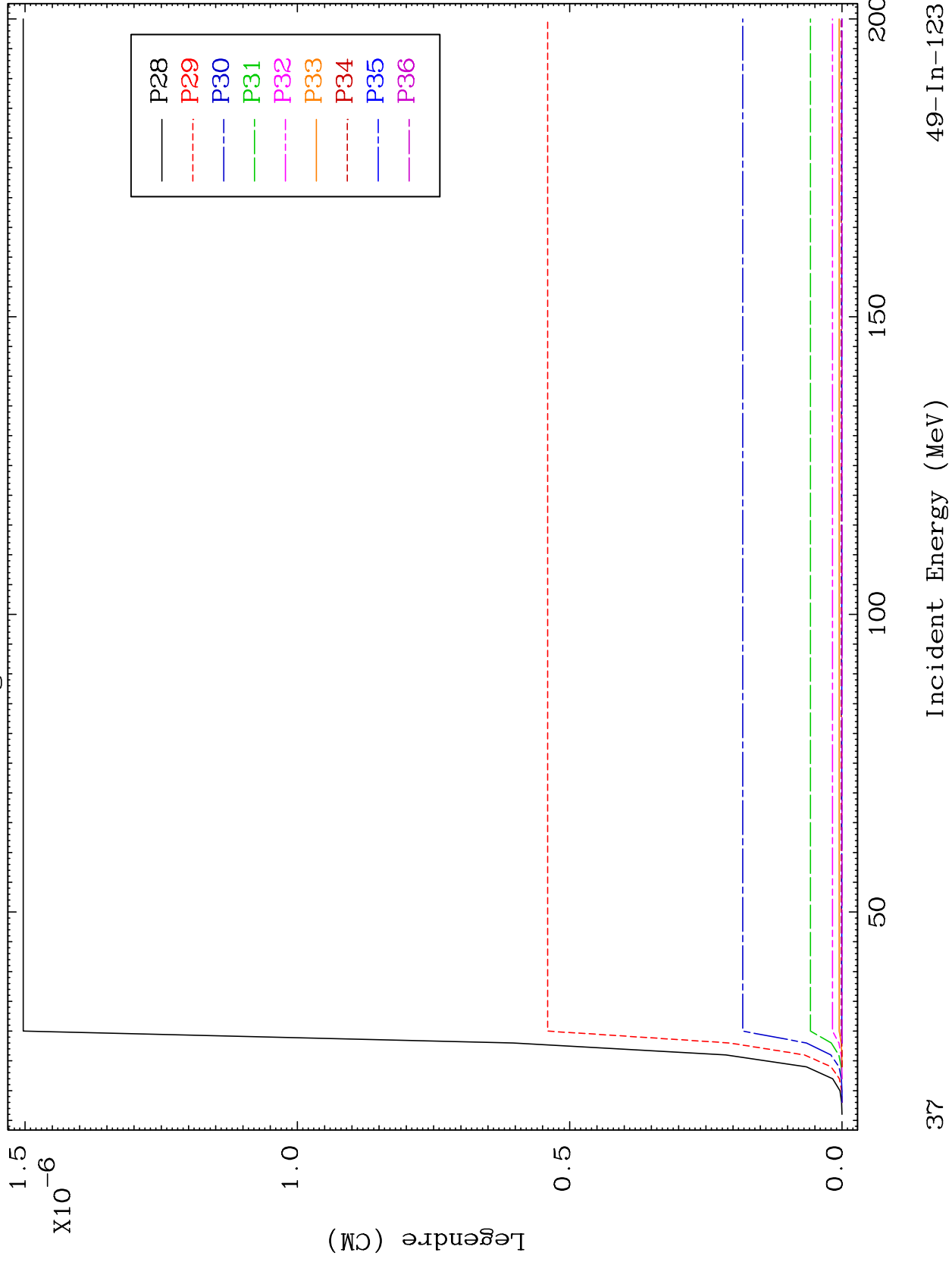
36

49-In-123

MAT 4955

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

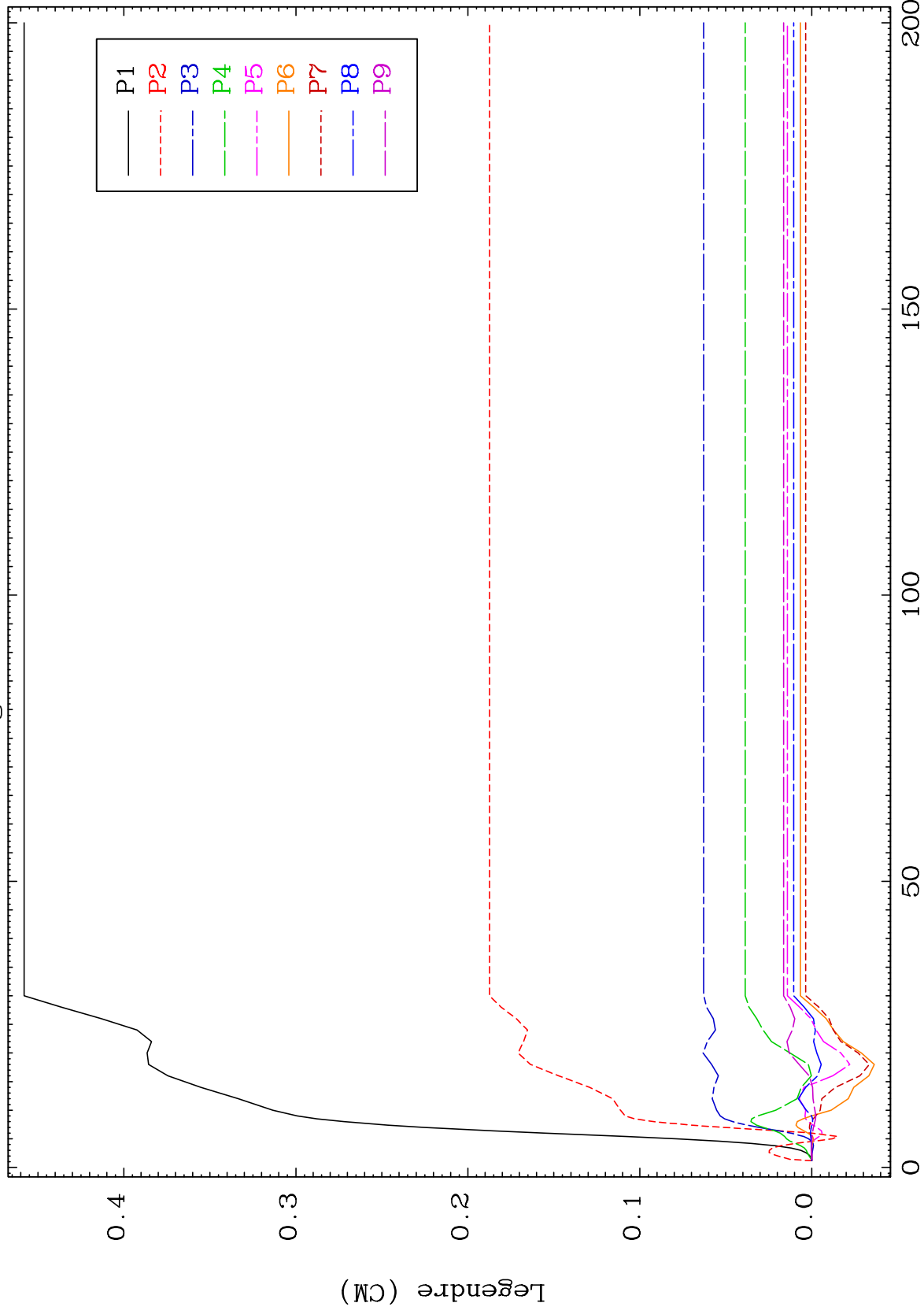
49-In-123



MAT 4955

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

49-In-123



38

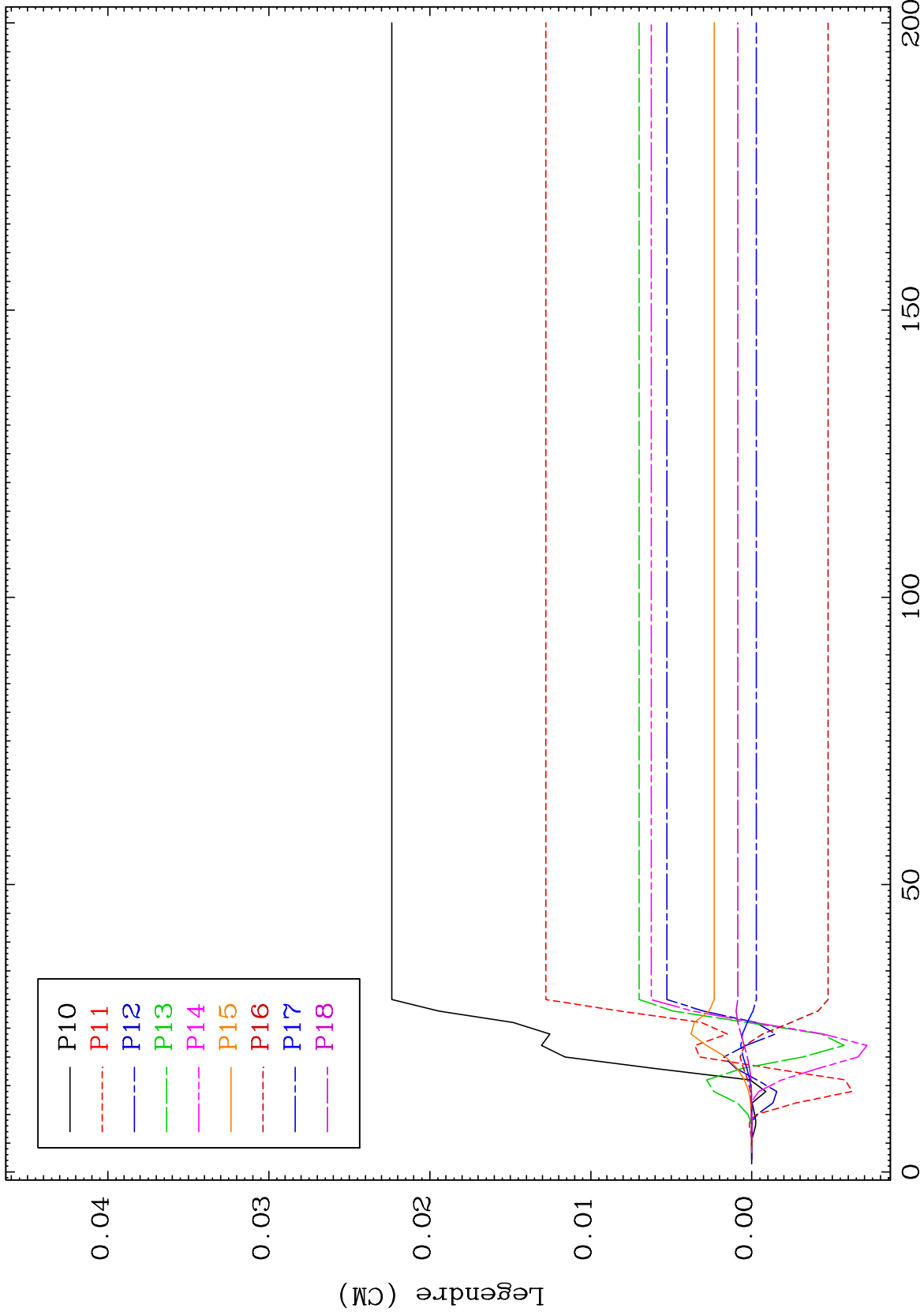
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



39

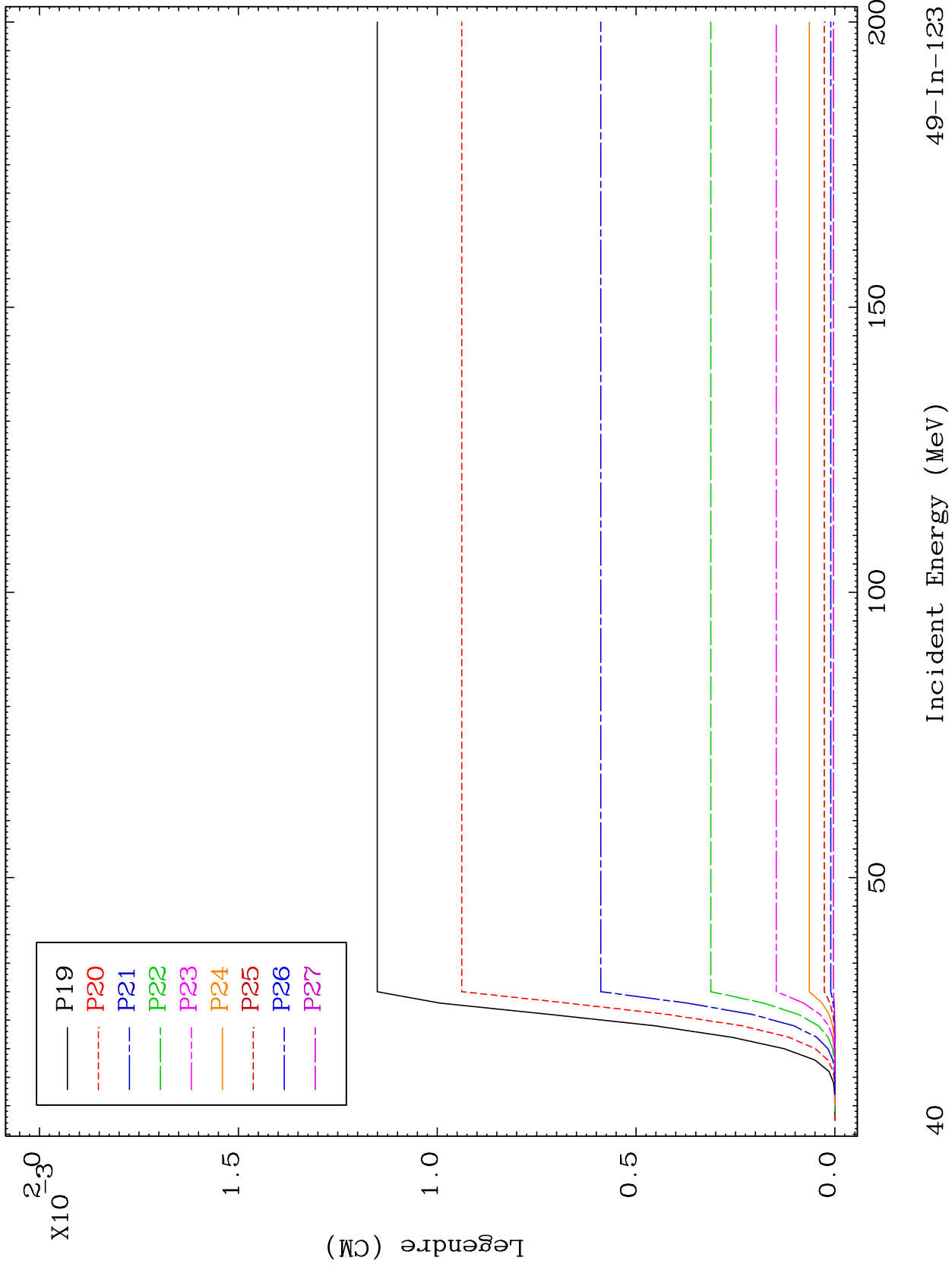
Incident Energy (MeV)

49-In-123

MAT 4955

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

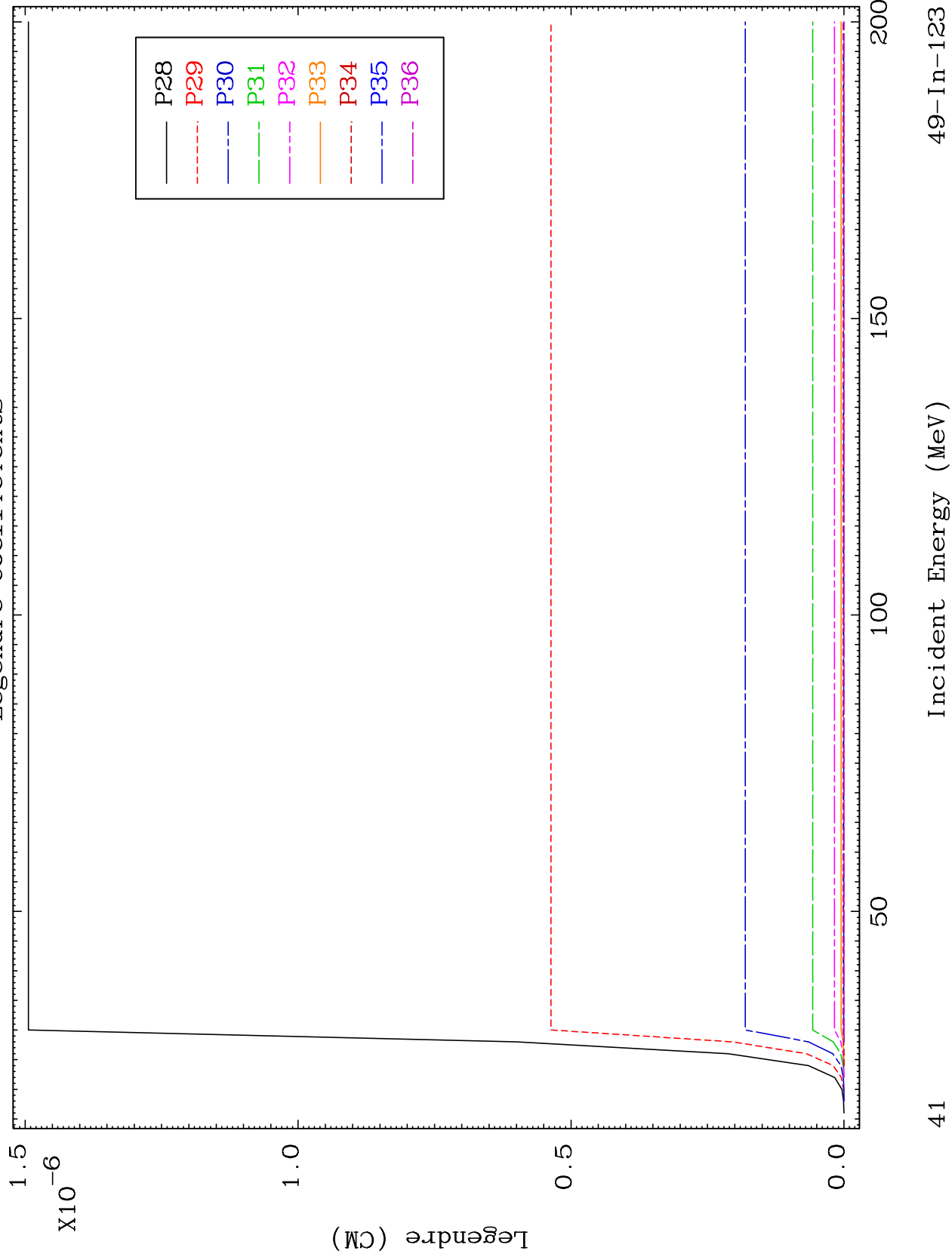
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MAT 4955

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

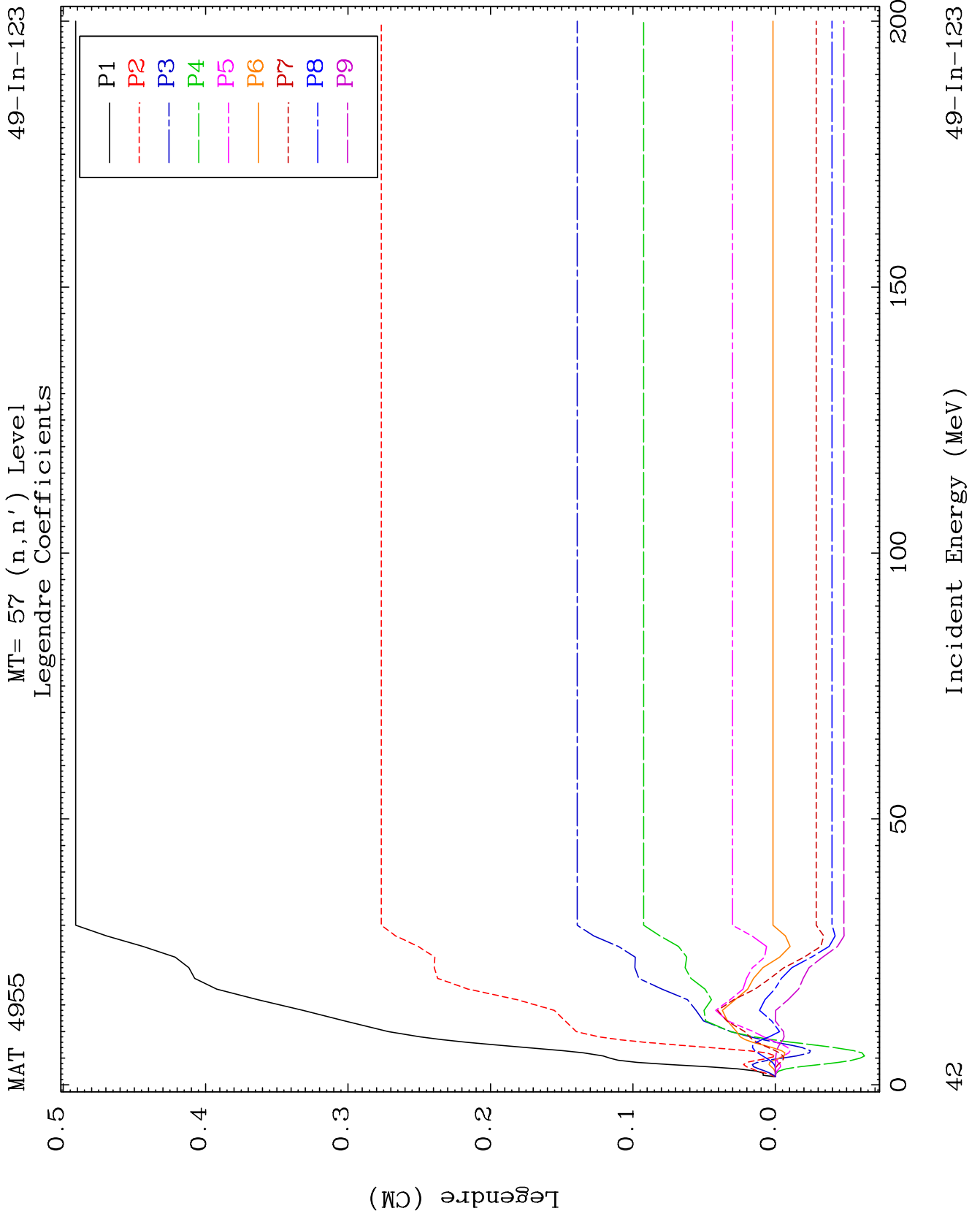
49-In-123



41

Incident Energy (MeV)

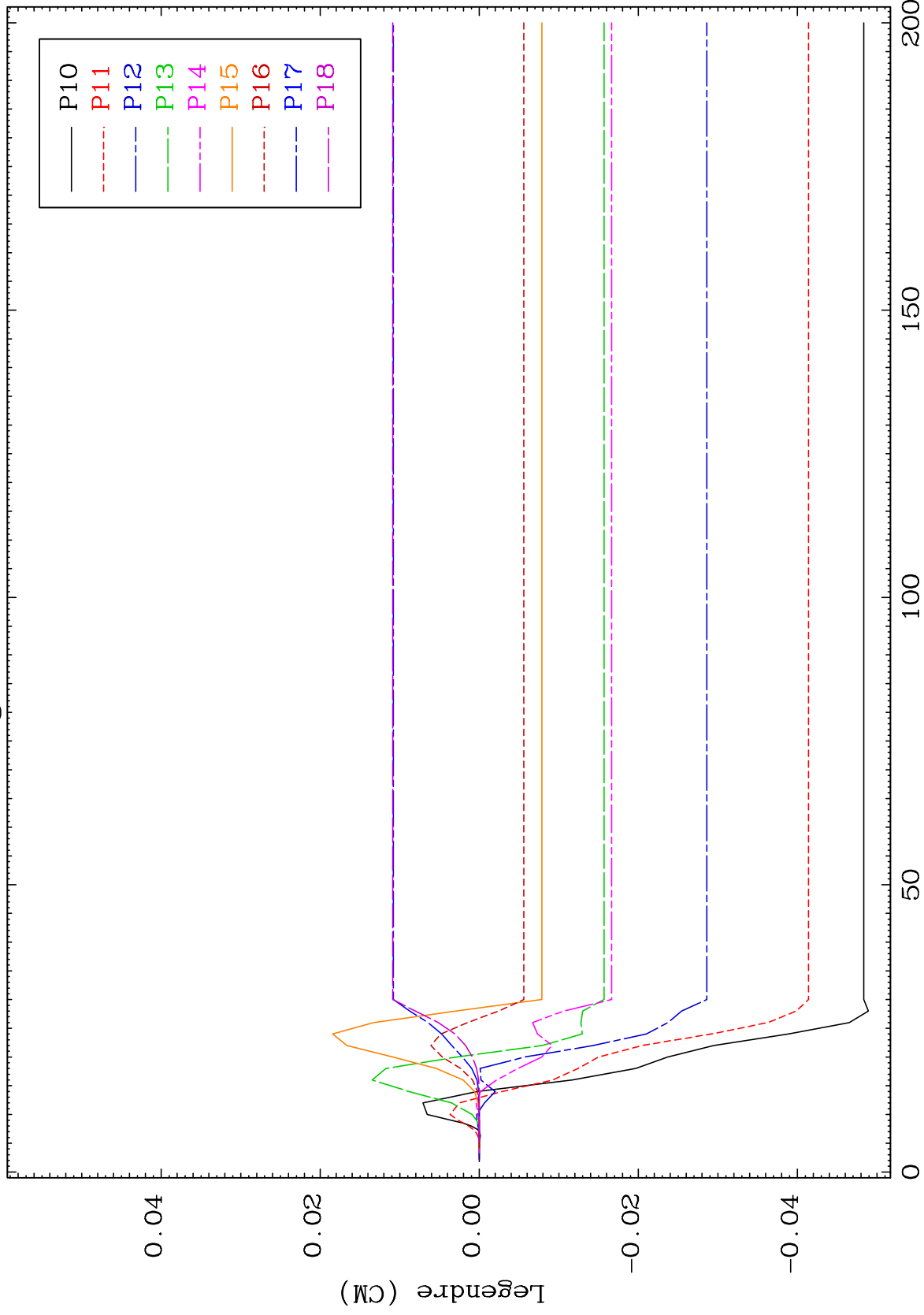
49-In-123



MAT 4955

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

49-In-123



43

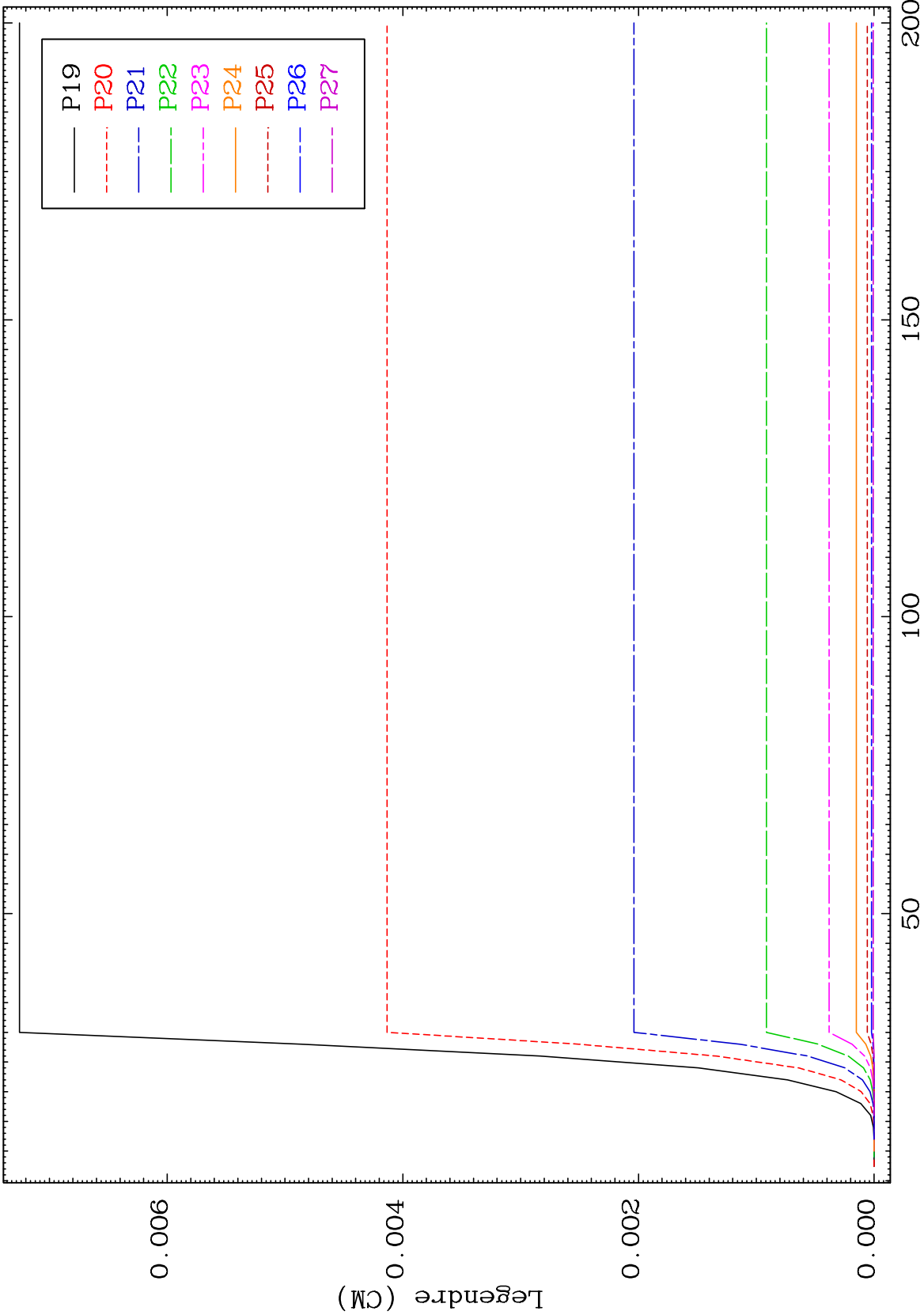
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



44

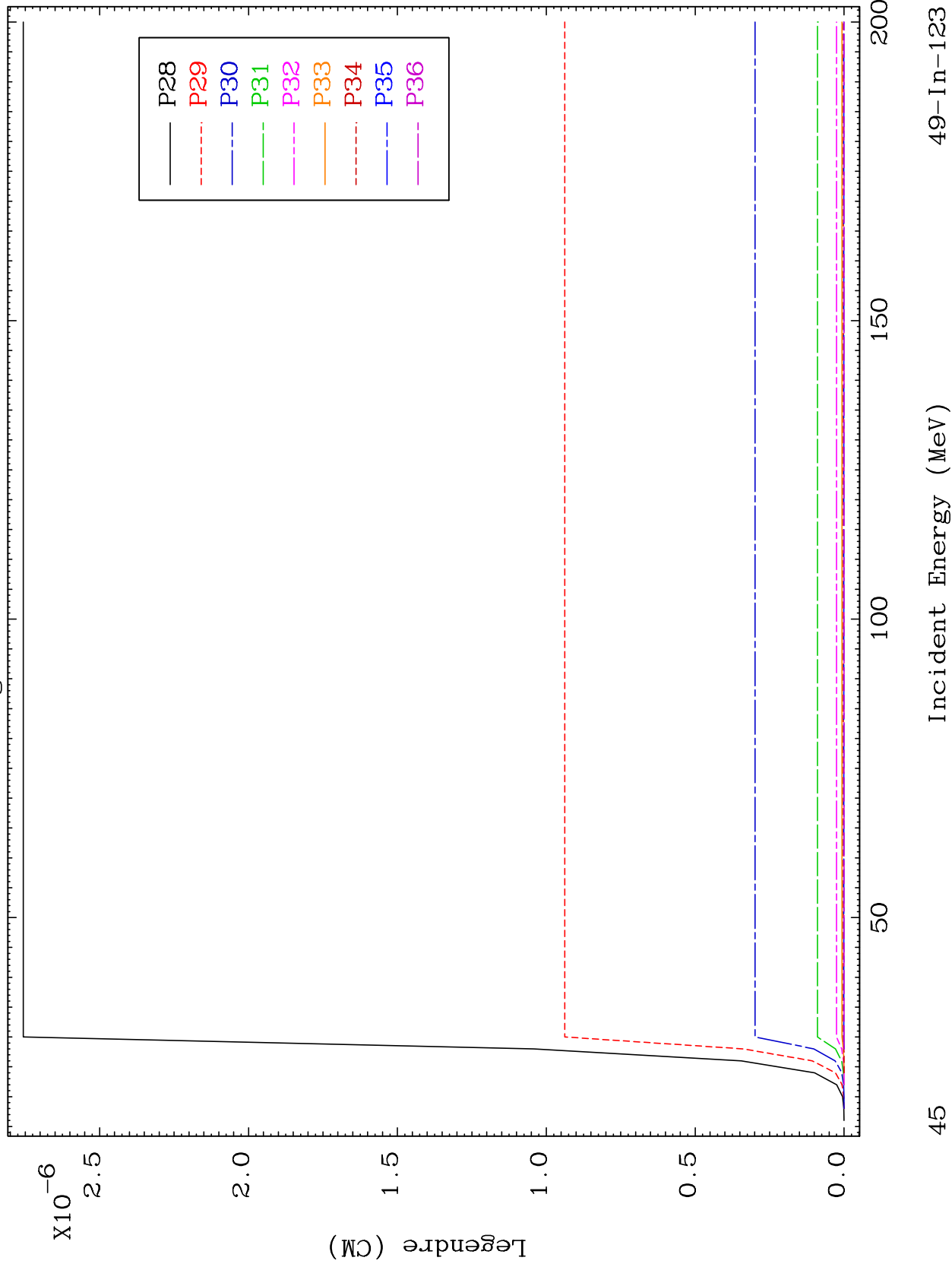
Incident Energy (MeV)

49-In-123

MAT 4955

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

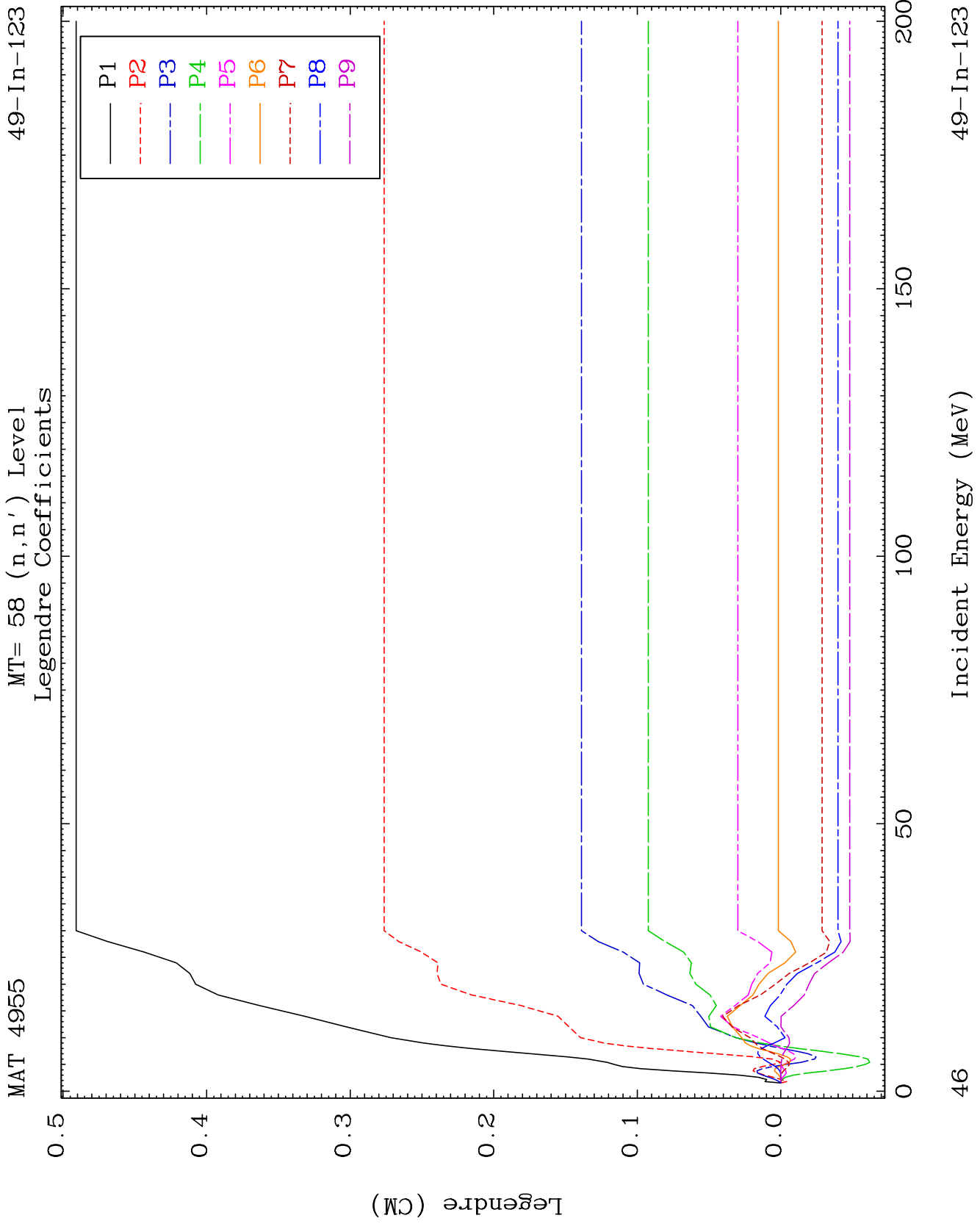
49-In-123



49-In-123

Incident Energy (MeV)

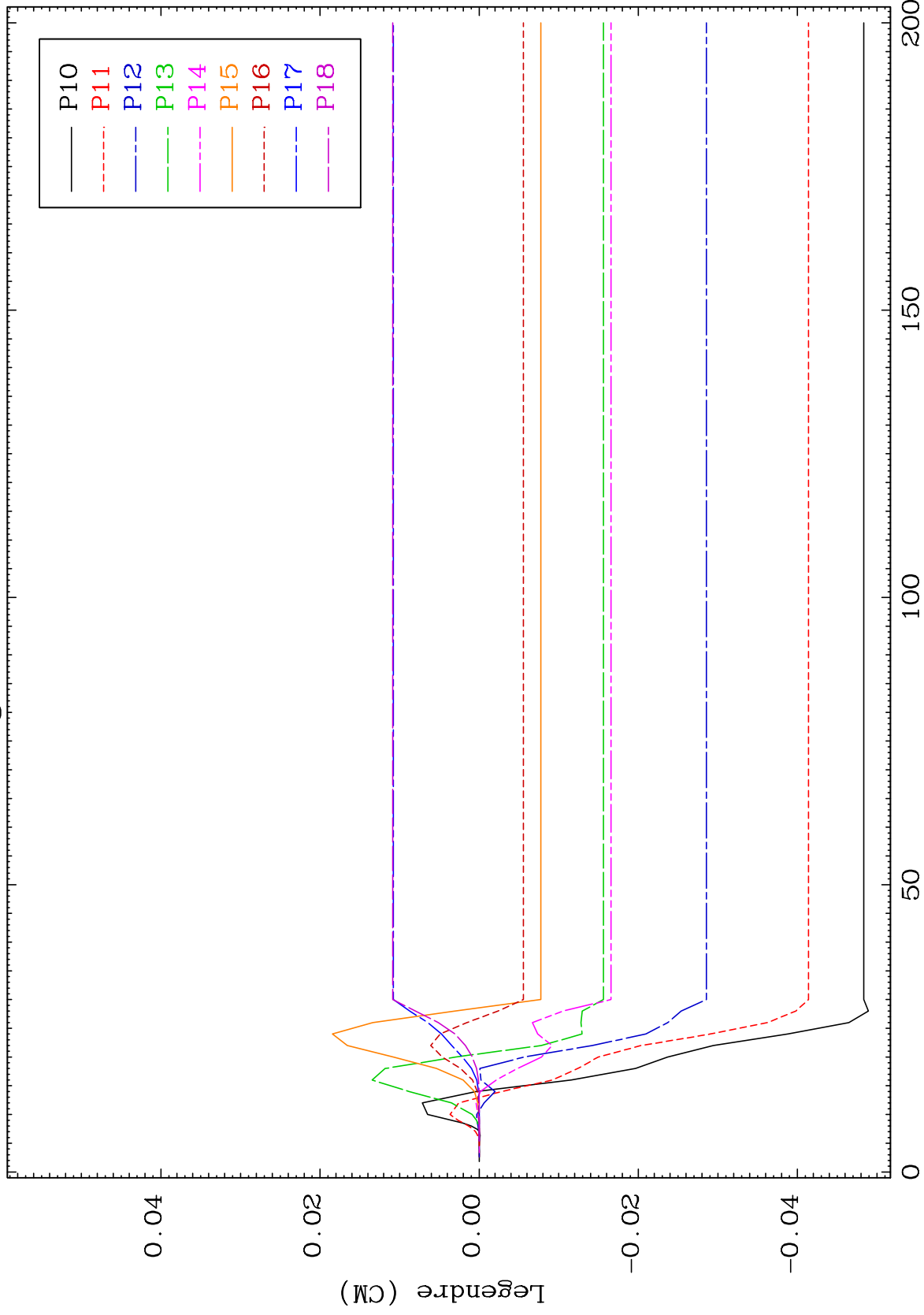
45



MAT 4955

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

49-In-123



47

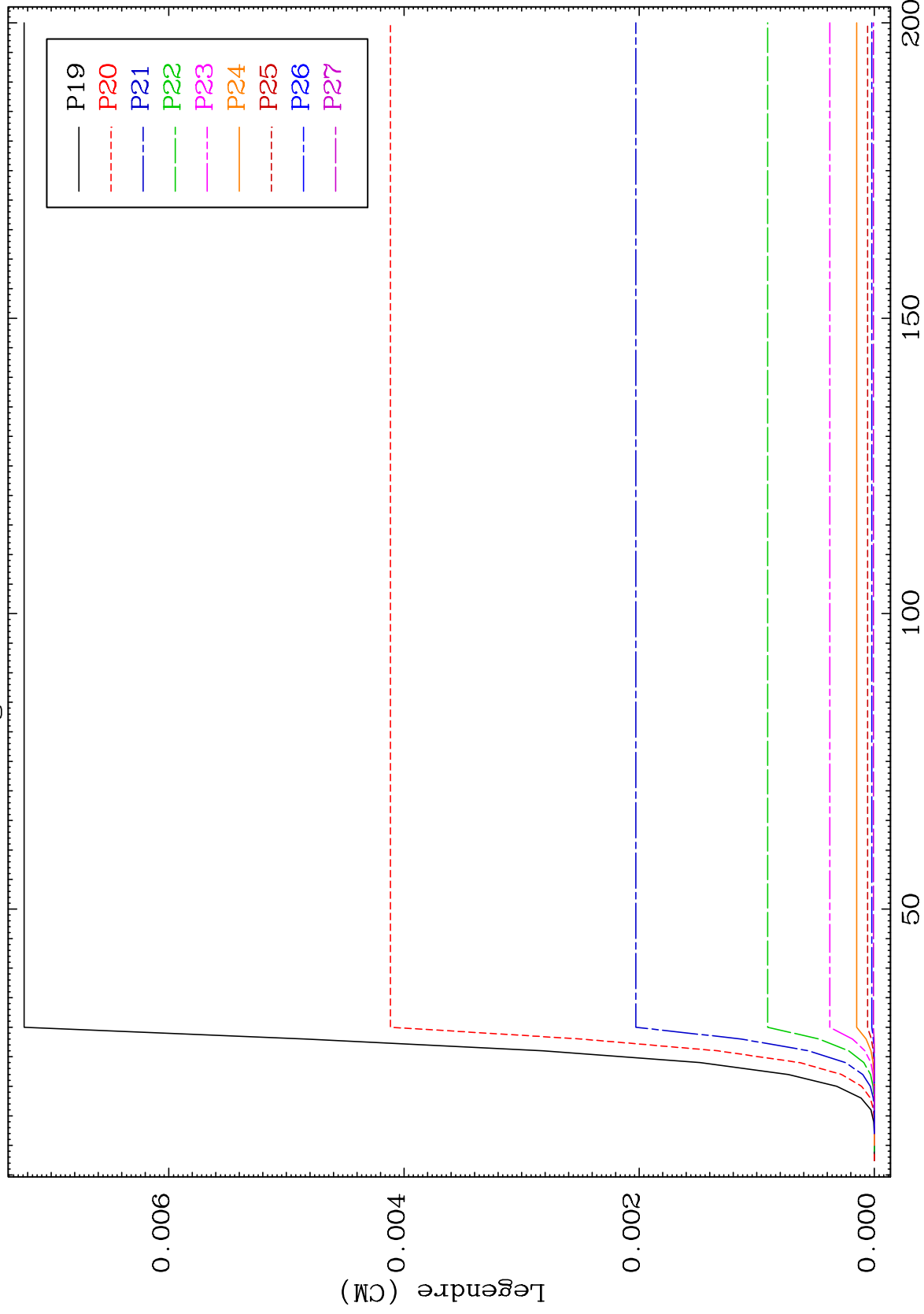
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



48

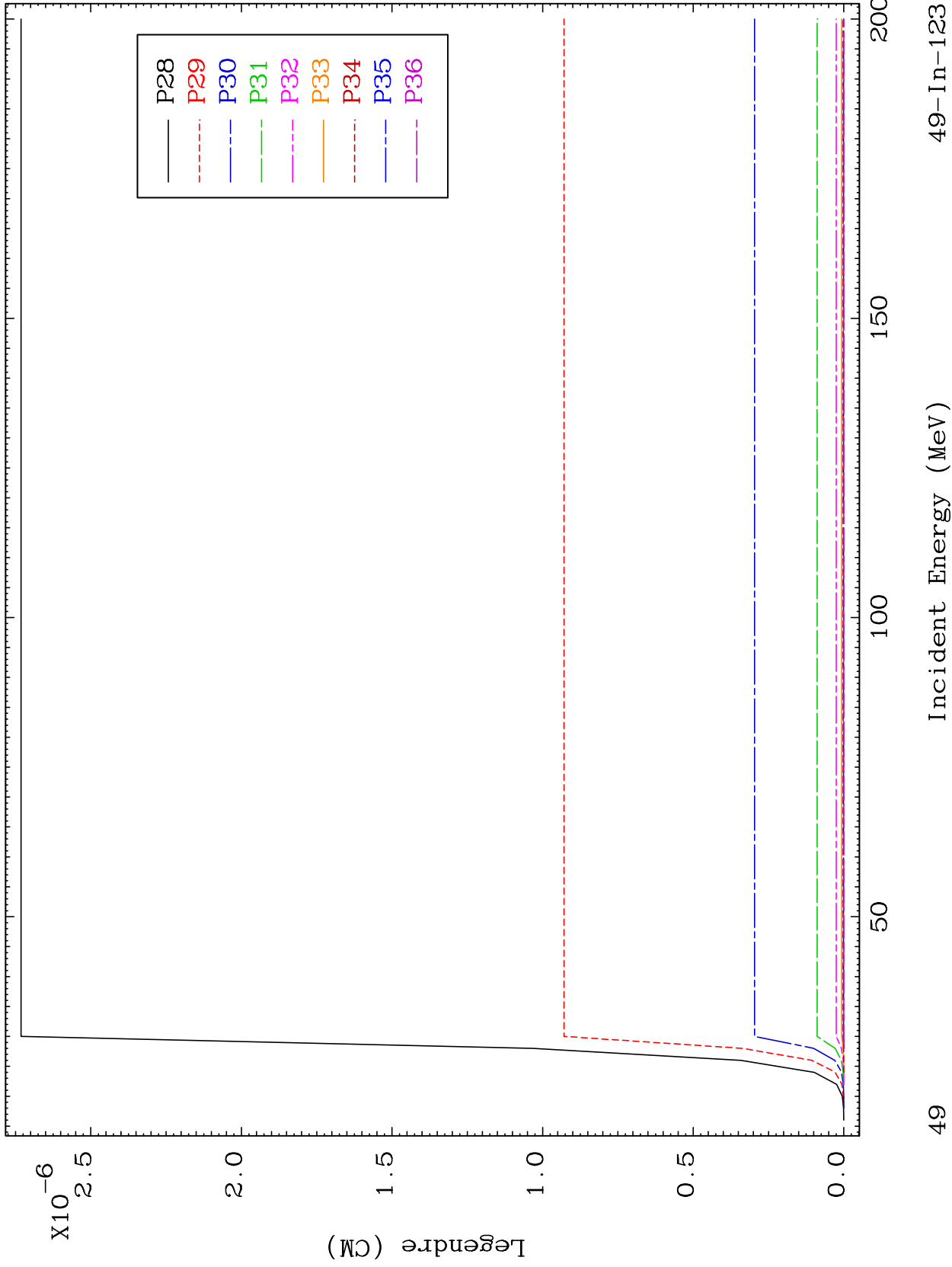
Incident Energy (MeV)

49-In-123

MAT 4955

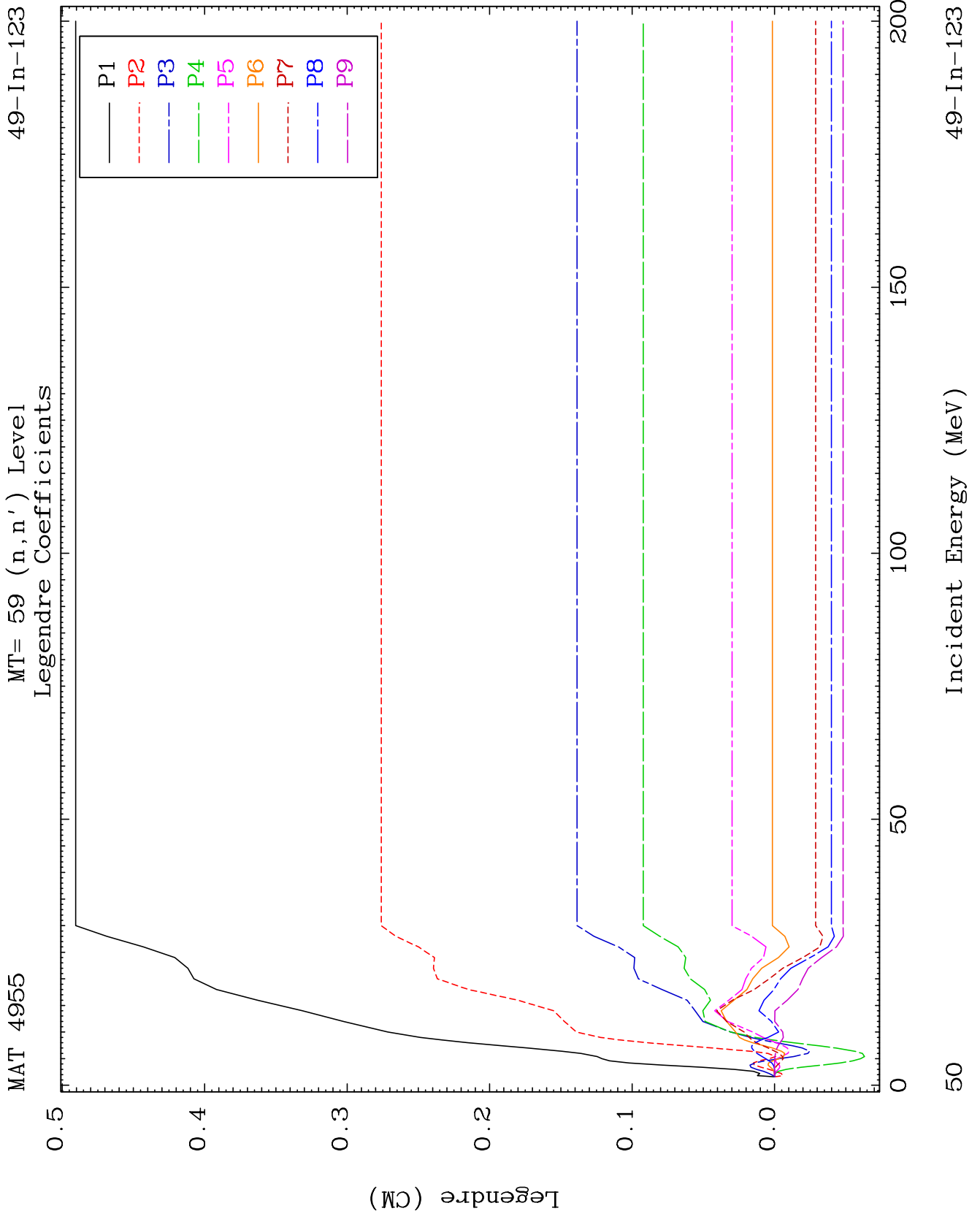
MT= 58 (n,n') Level
Legendre Coefficients

49-In-123



49

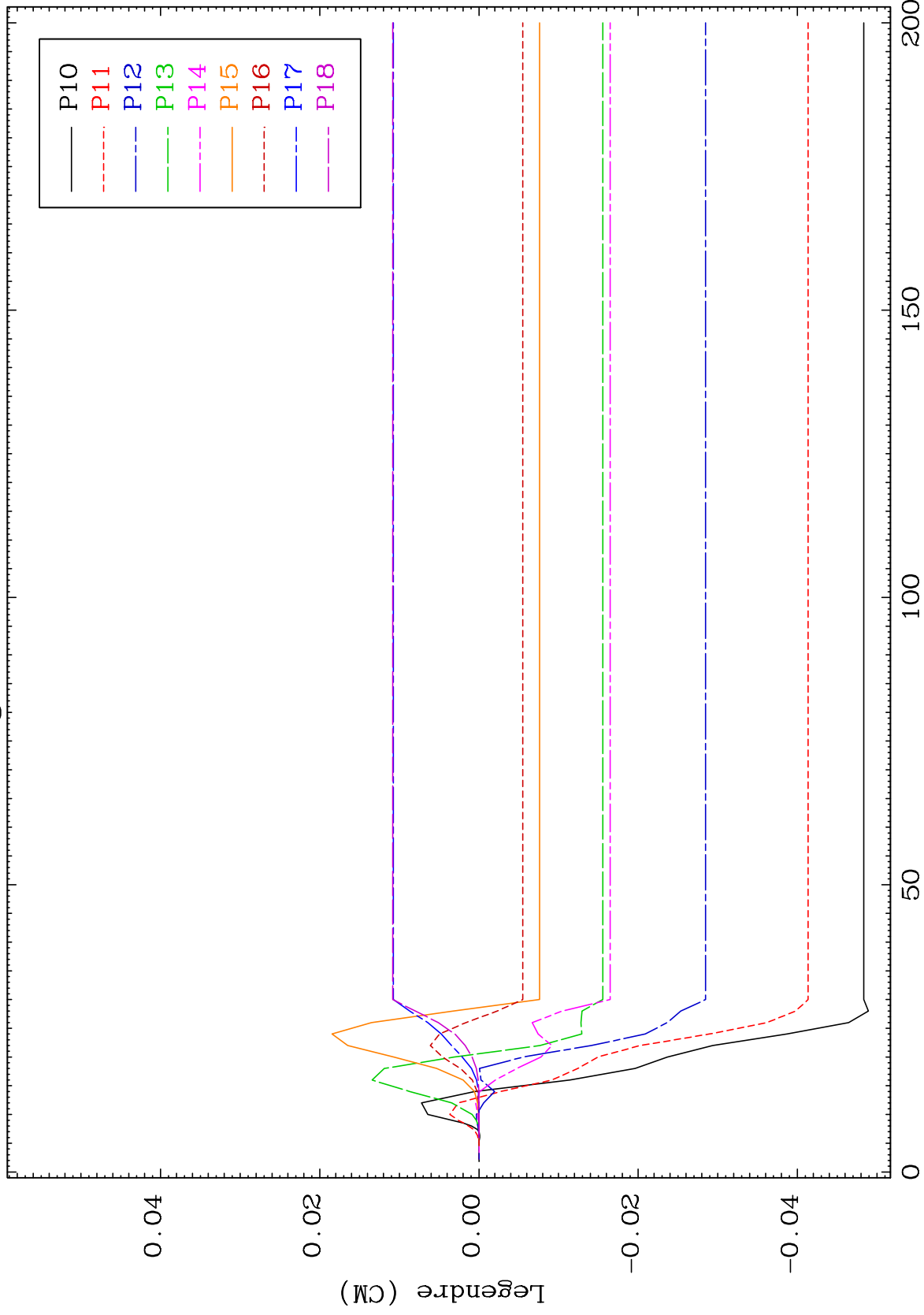
49-In-123



MAT 4955

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

49-In-123



51

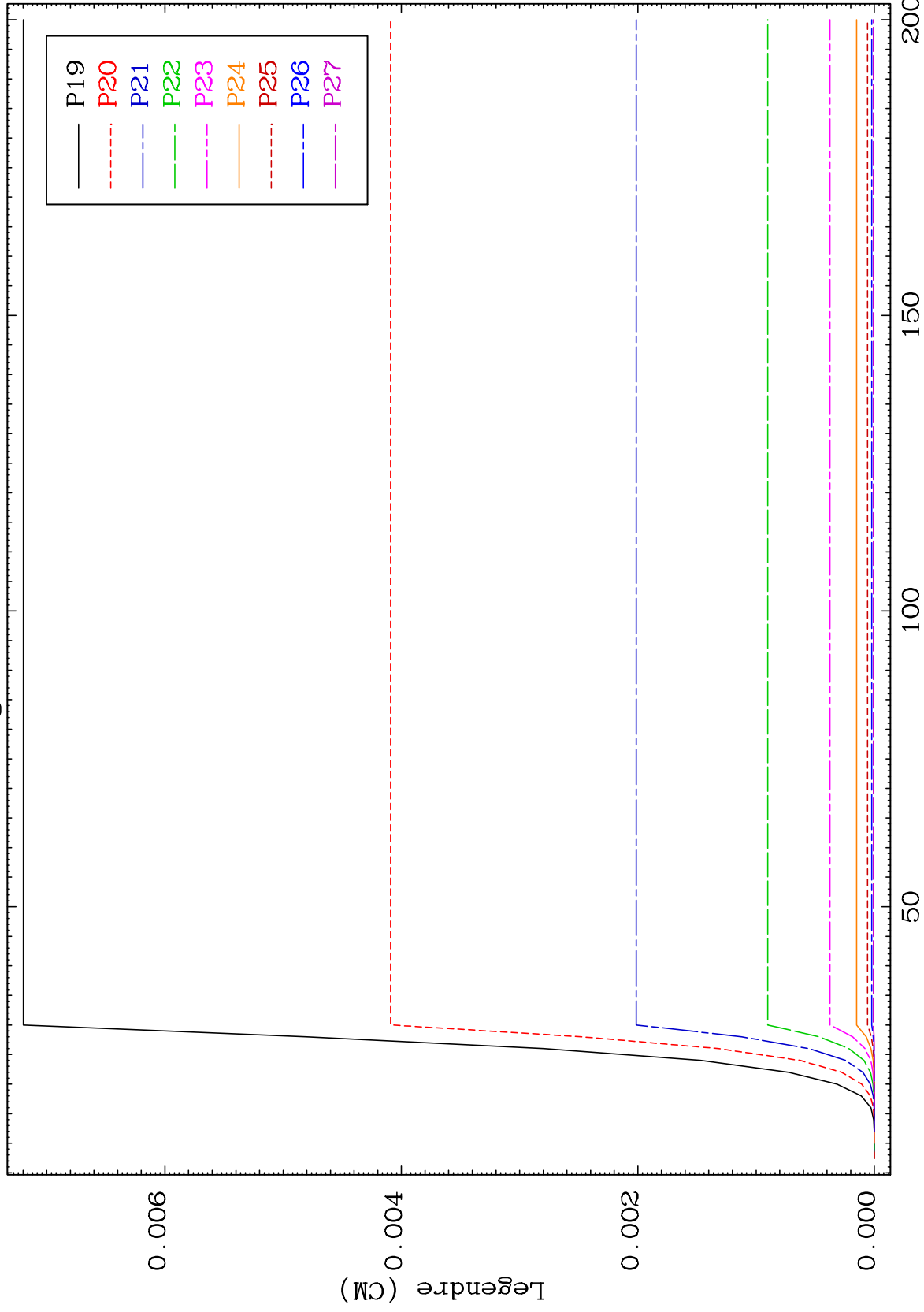
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



52

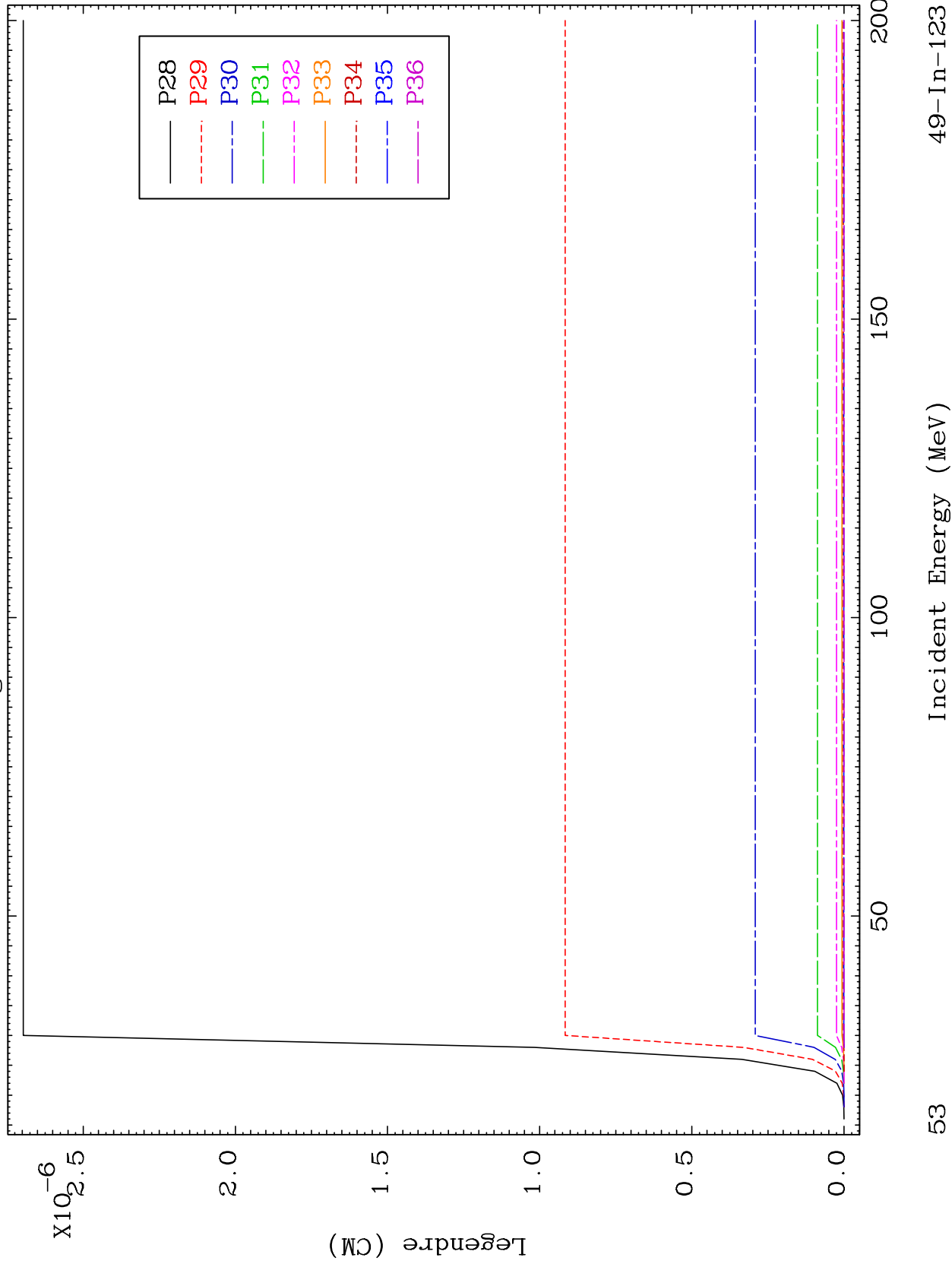
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



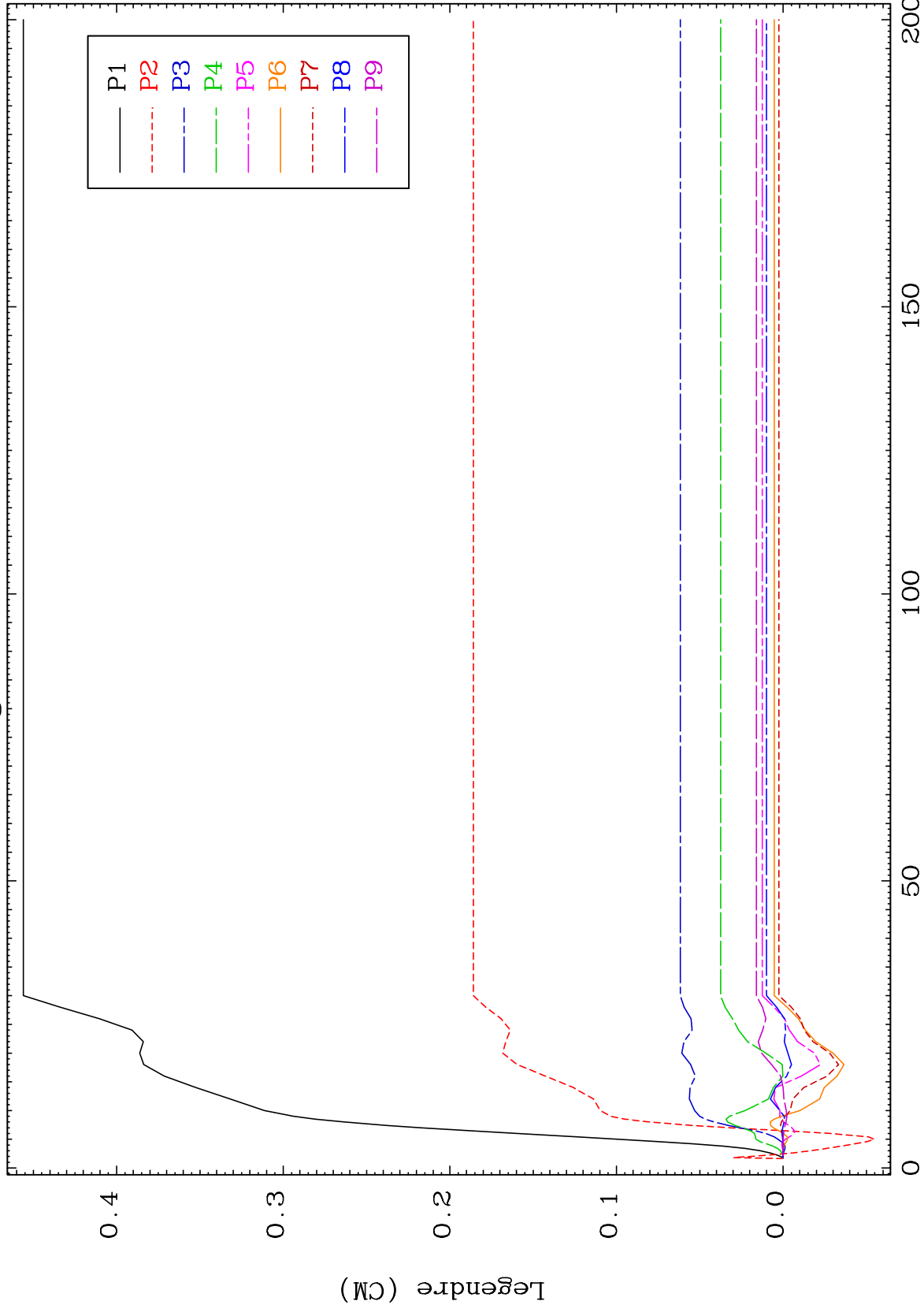
53

49-In-123

MAT 4955

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

49-In-123



54

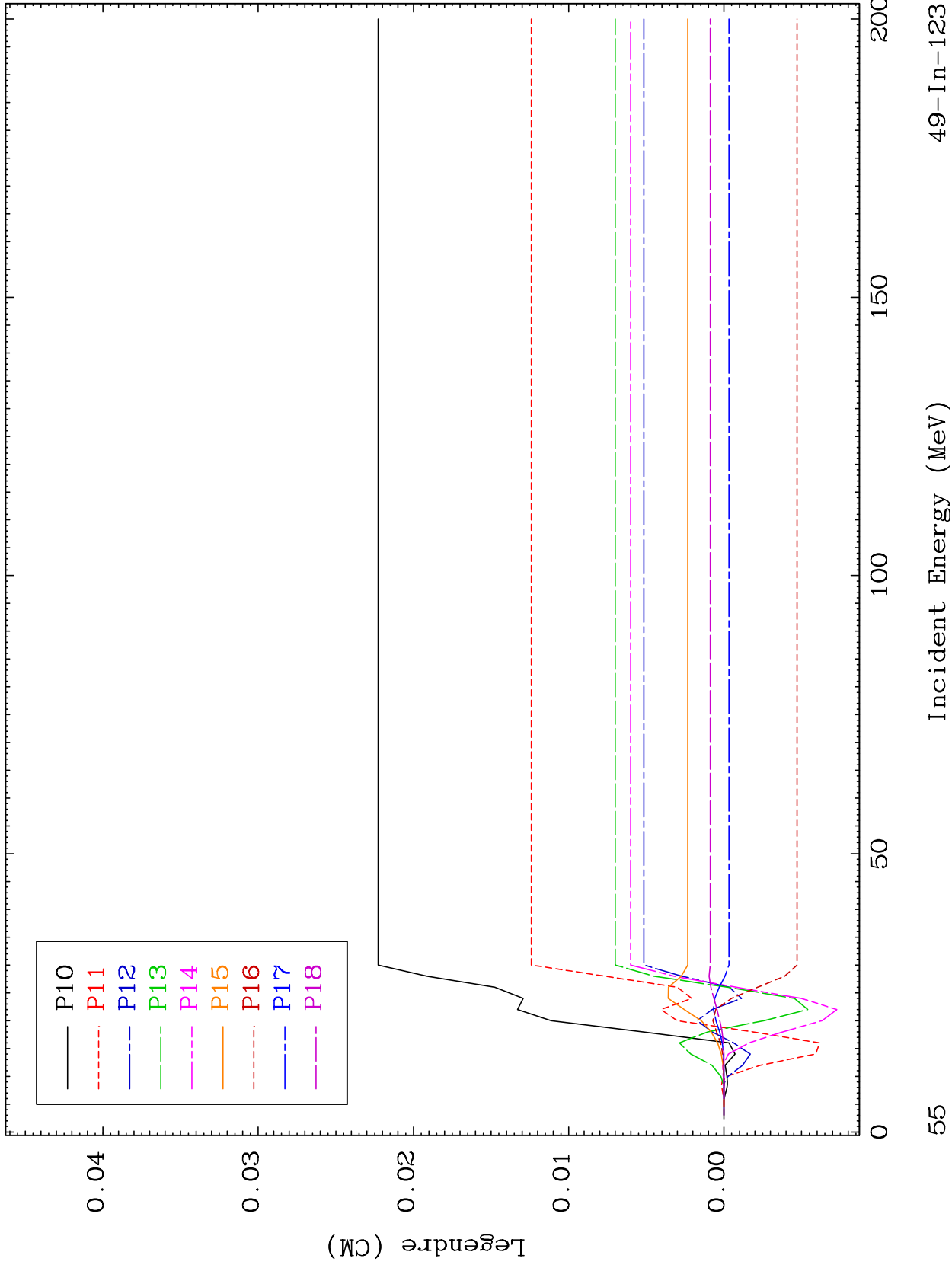
Incident Energy (MeV)

49-In-123

MAT 4955

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

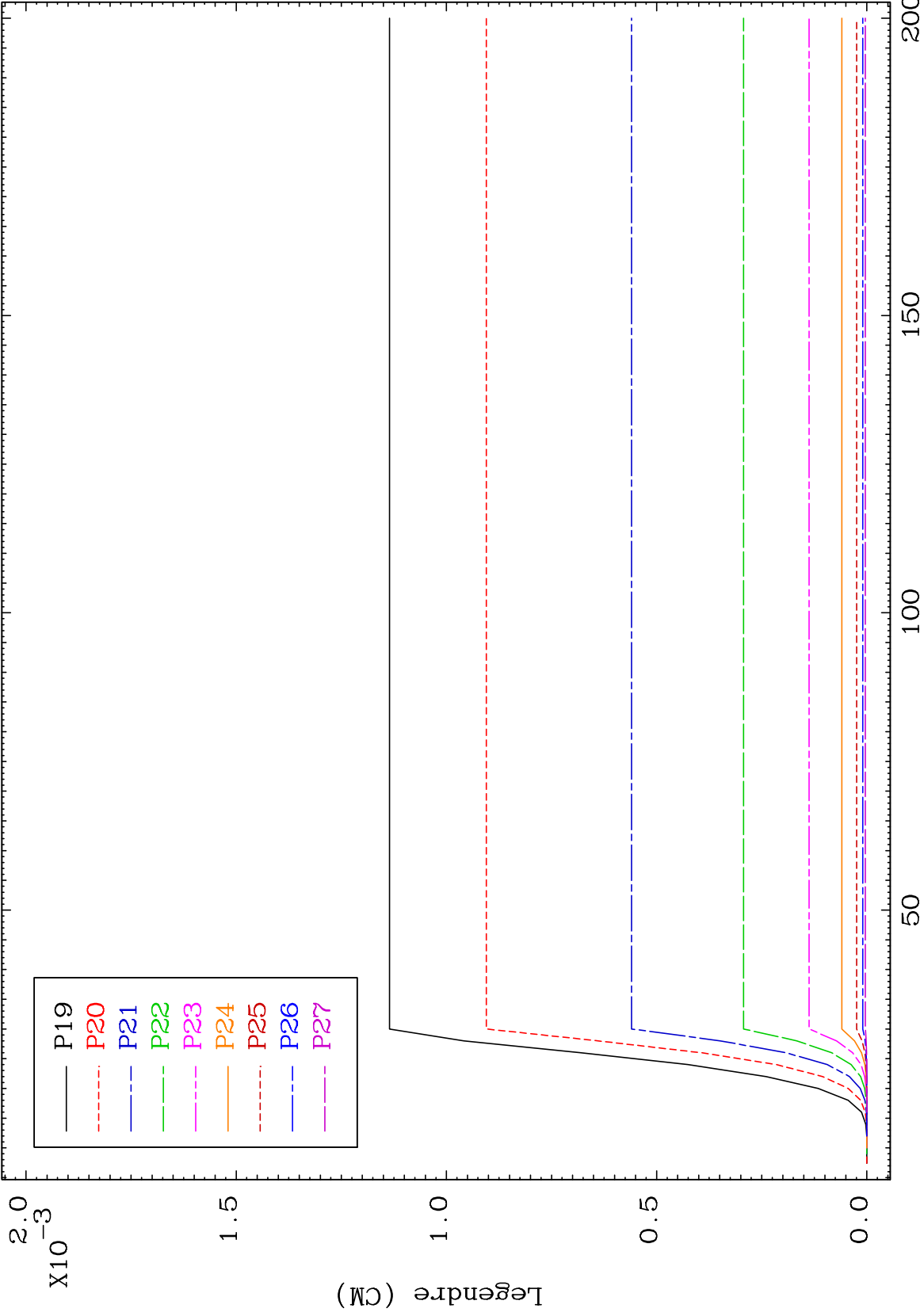
49-In-123



49-In-123

Incident Energy (MeV)

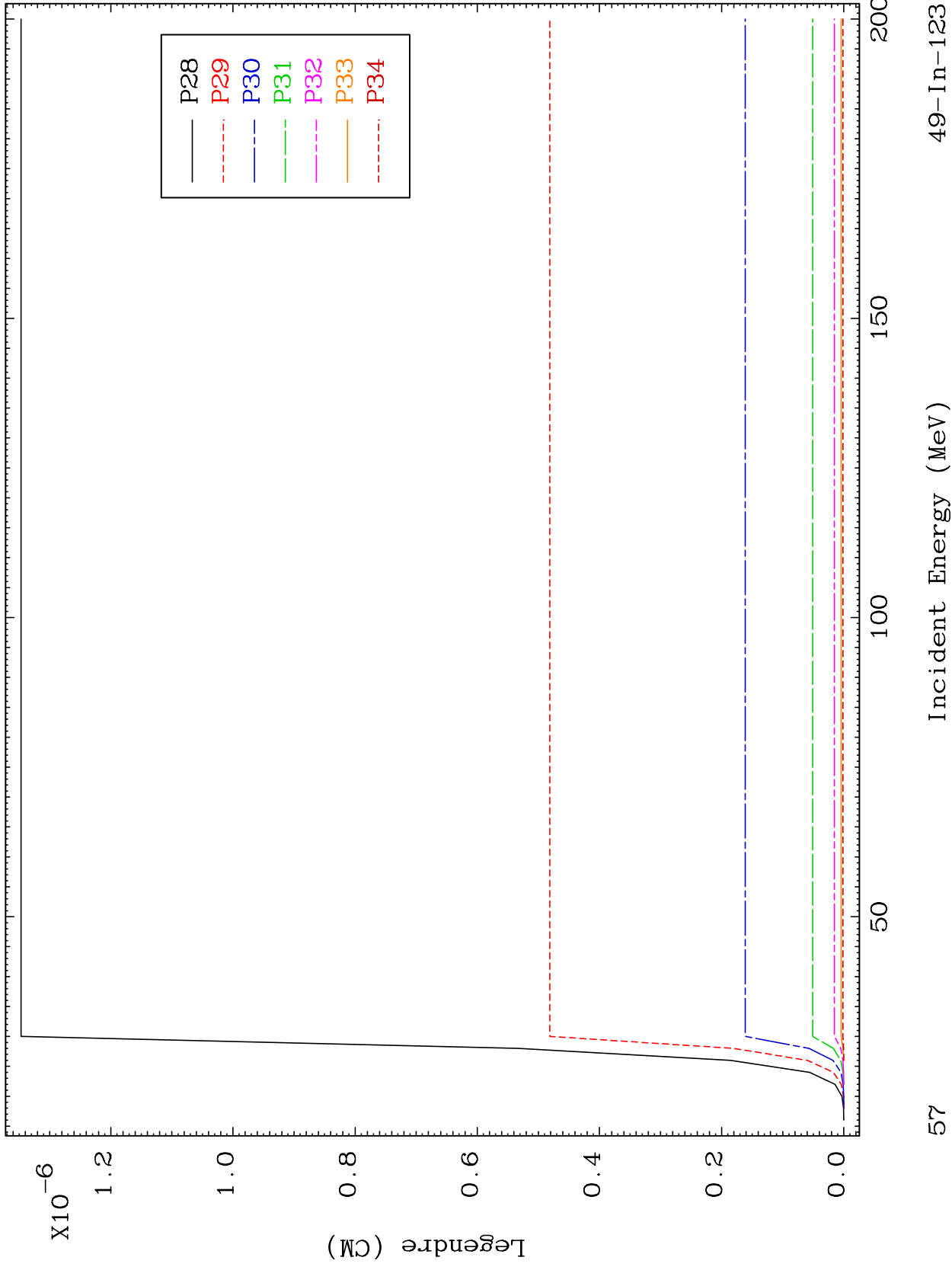
55



MAT 4955

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

49-In-123



57

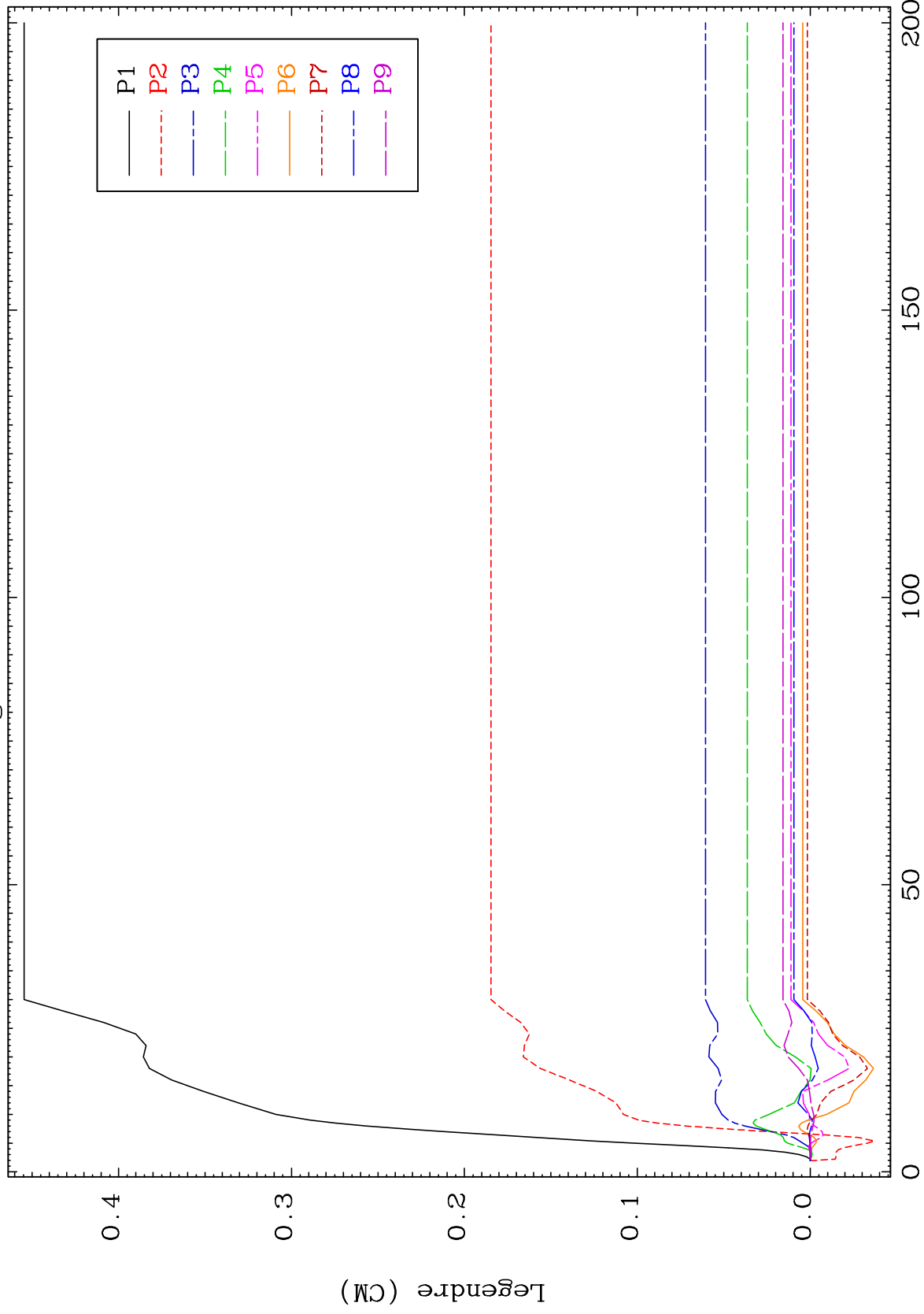
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



58

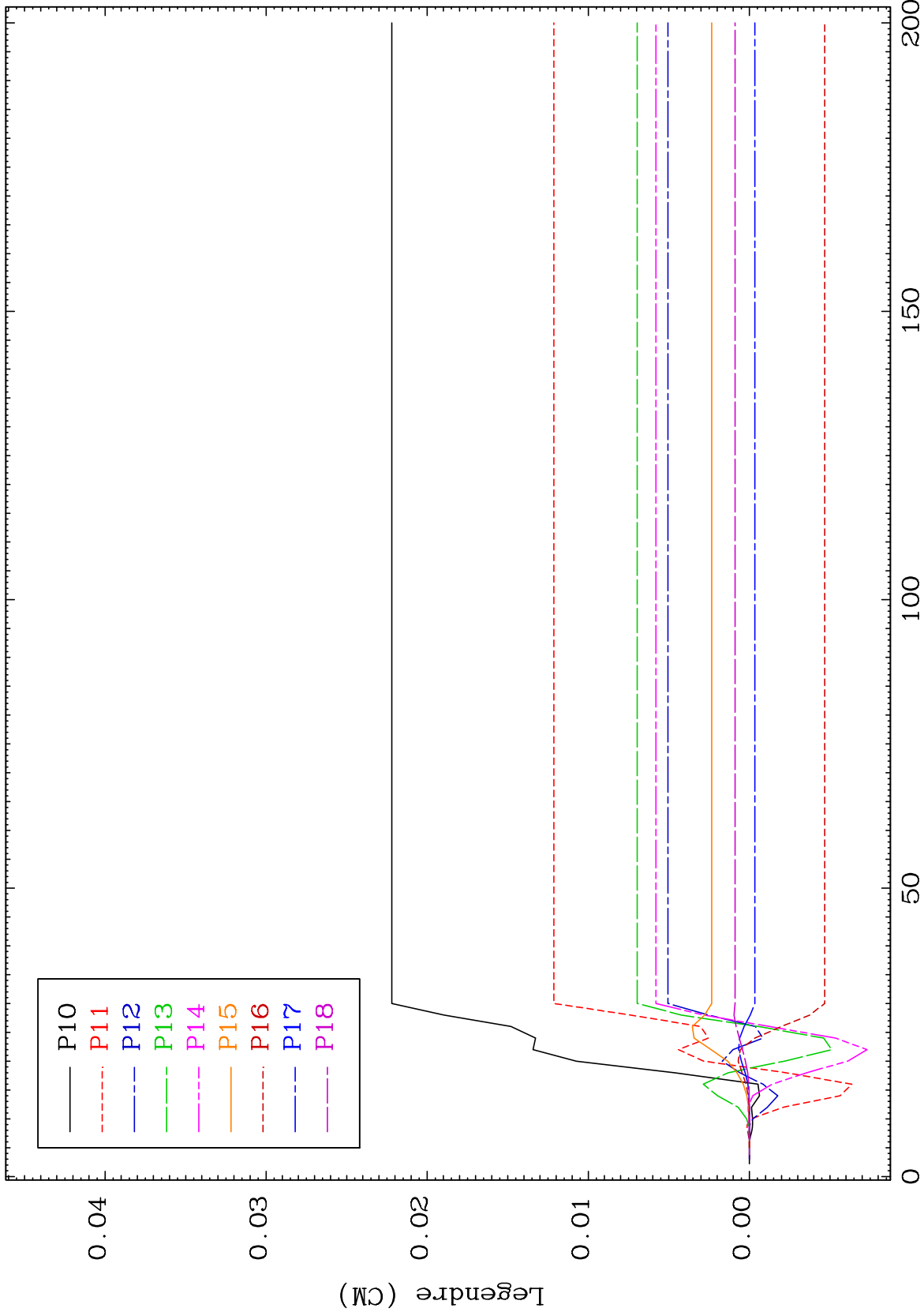
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



59

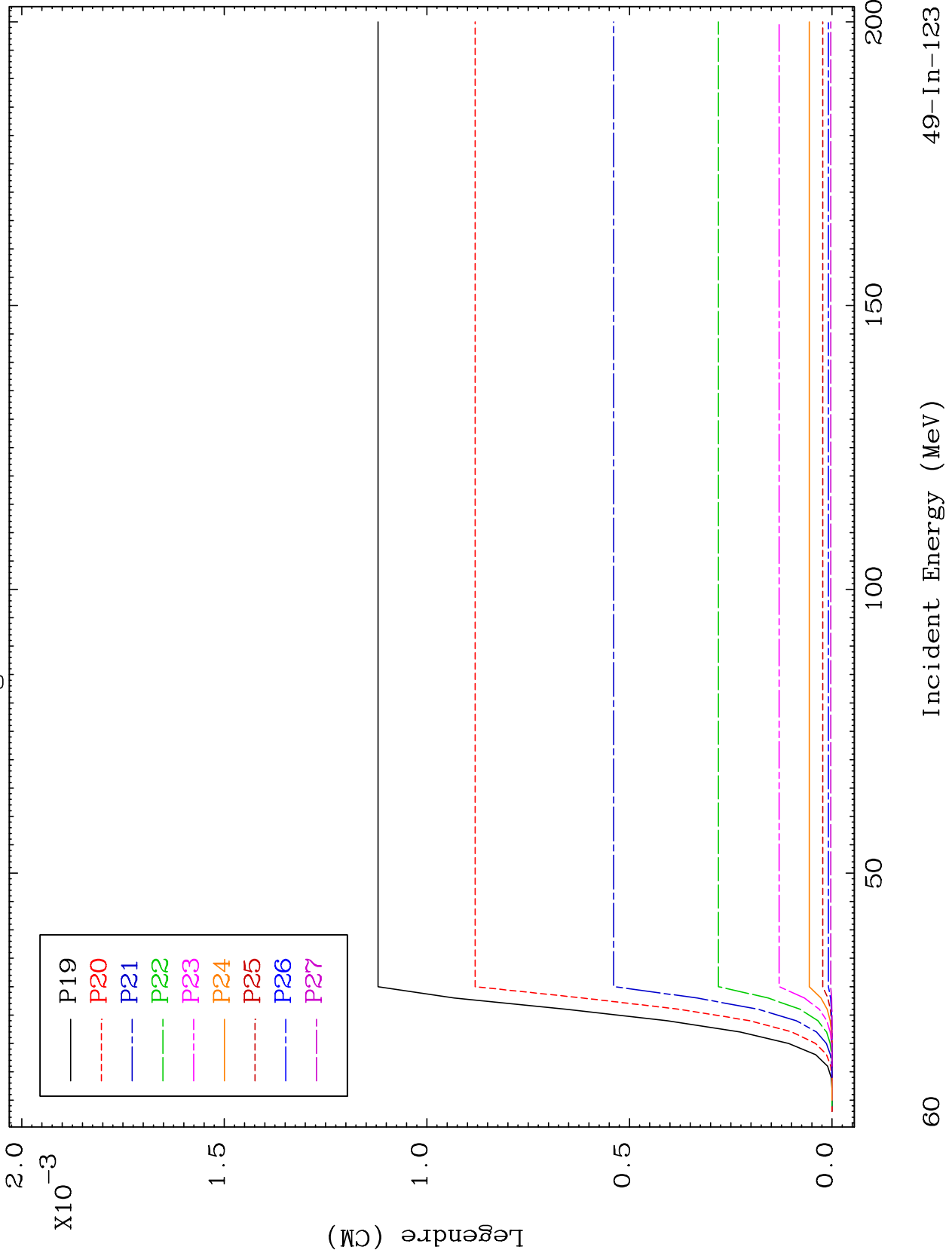
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



49-In-123

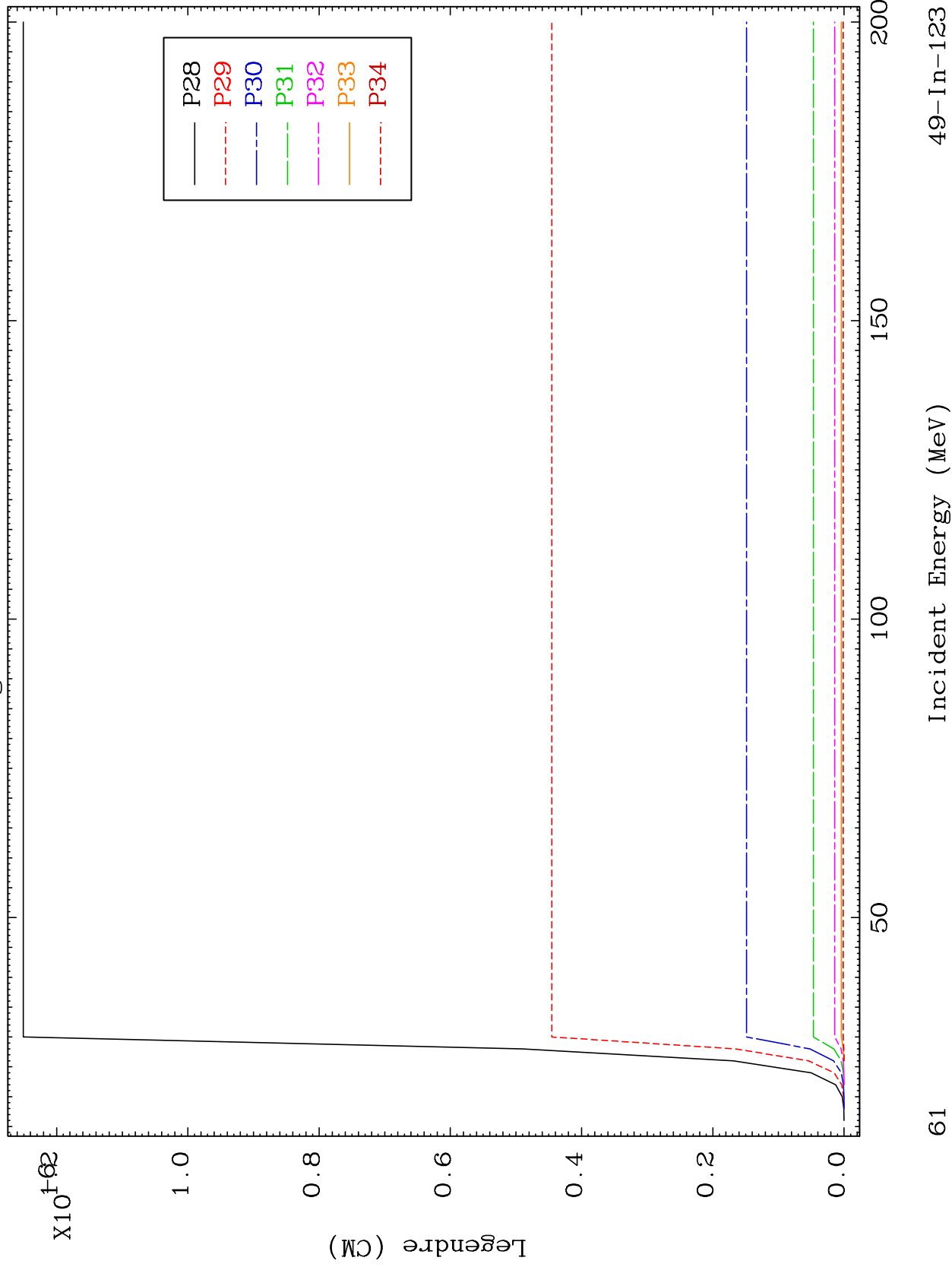
Incident Energy (MeV)

60

MAT 4955

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

49-In-123



61

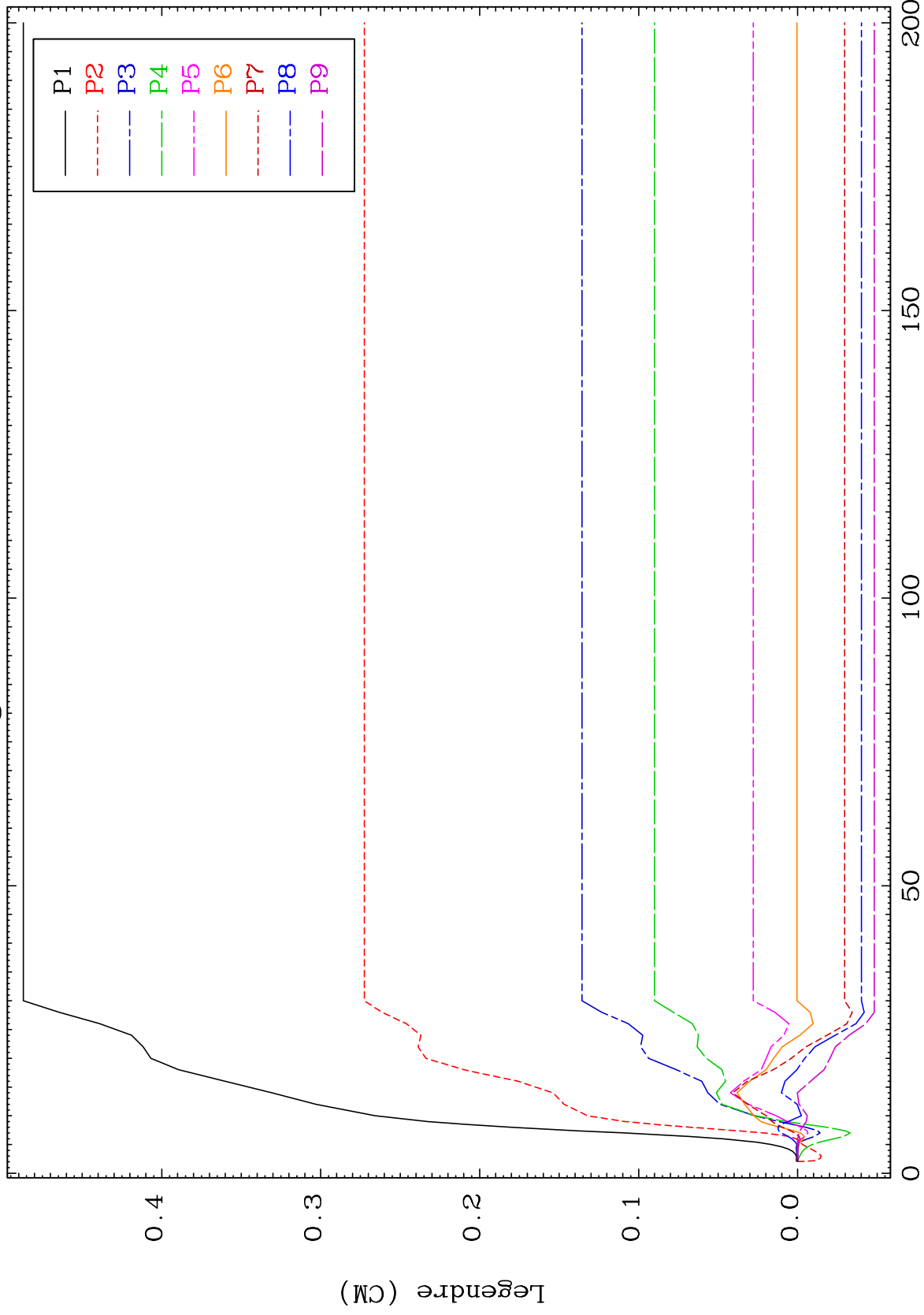
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



49-In-123

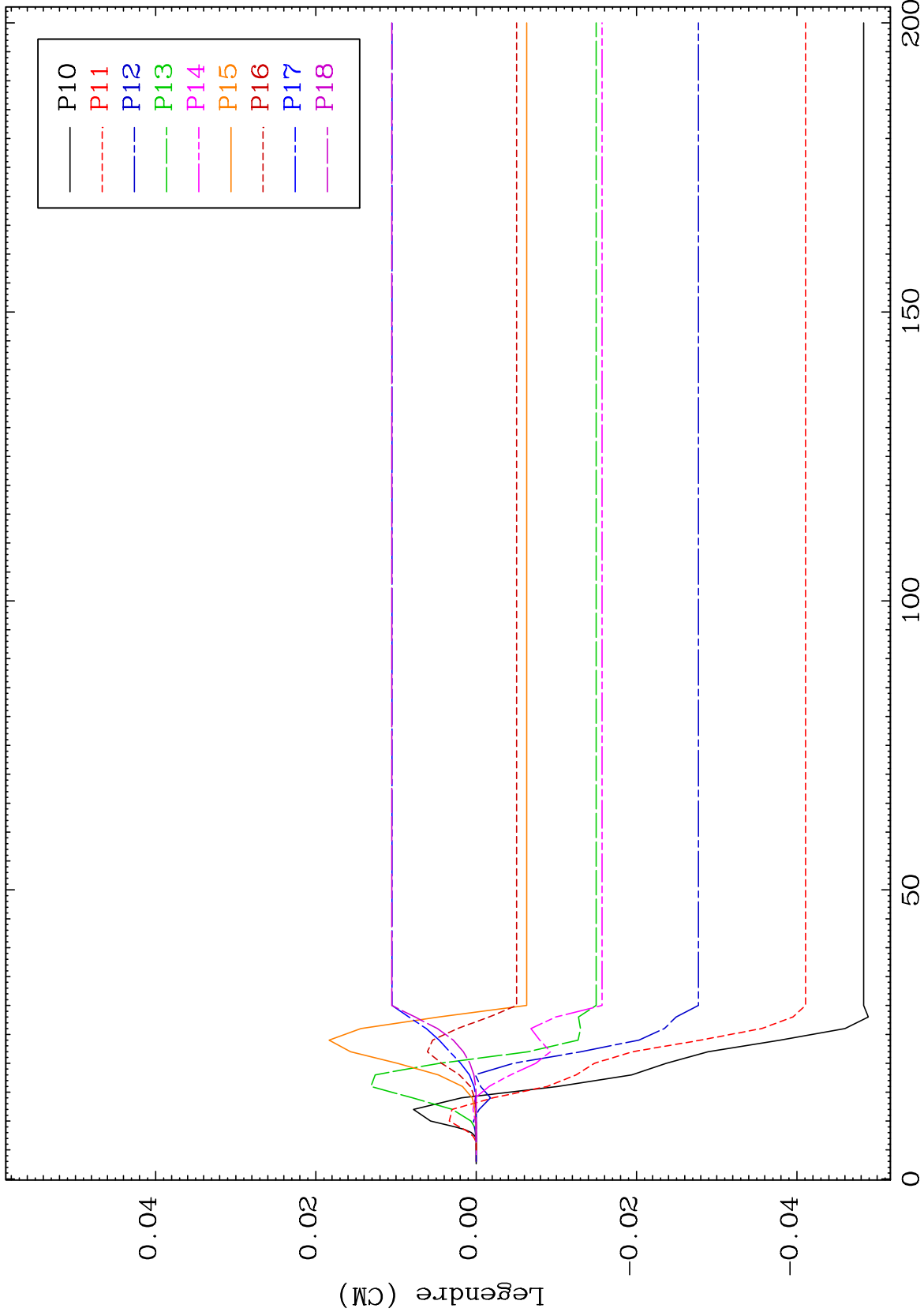
Incident Energy (MeV)

62

MAT 4955

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

49-In-123



63

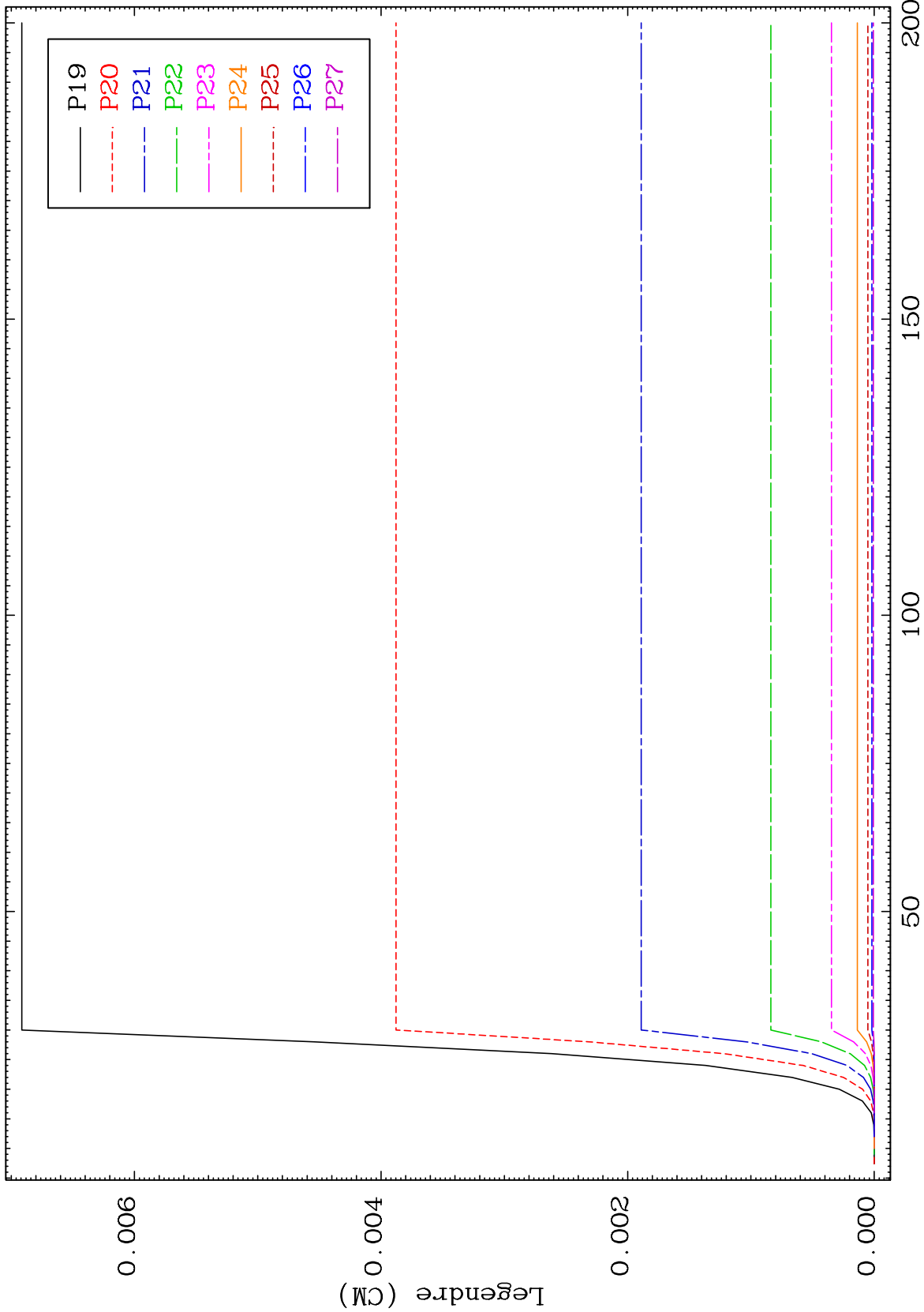
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



64

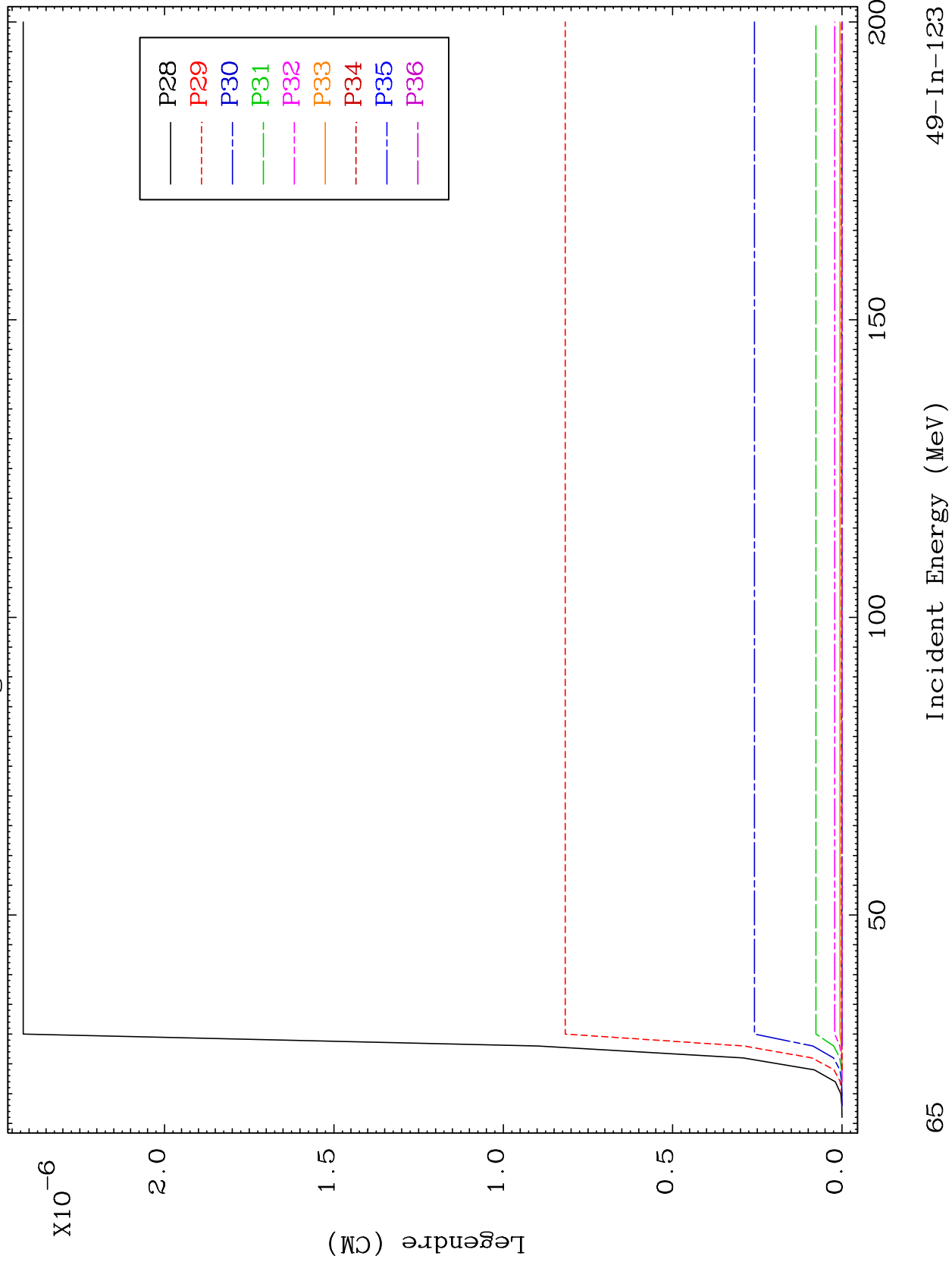
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



65

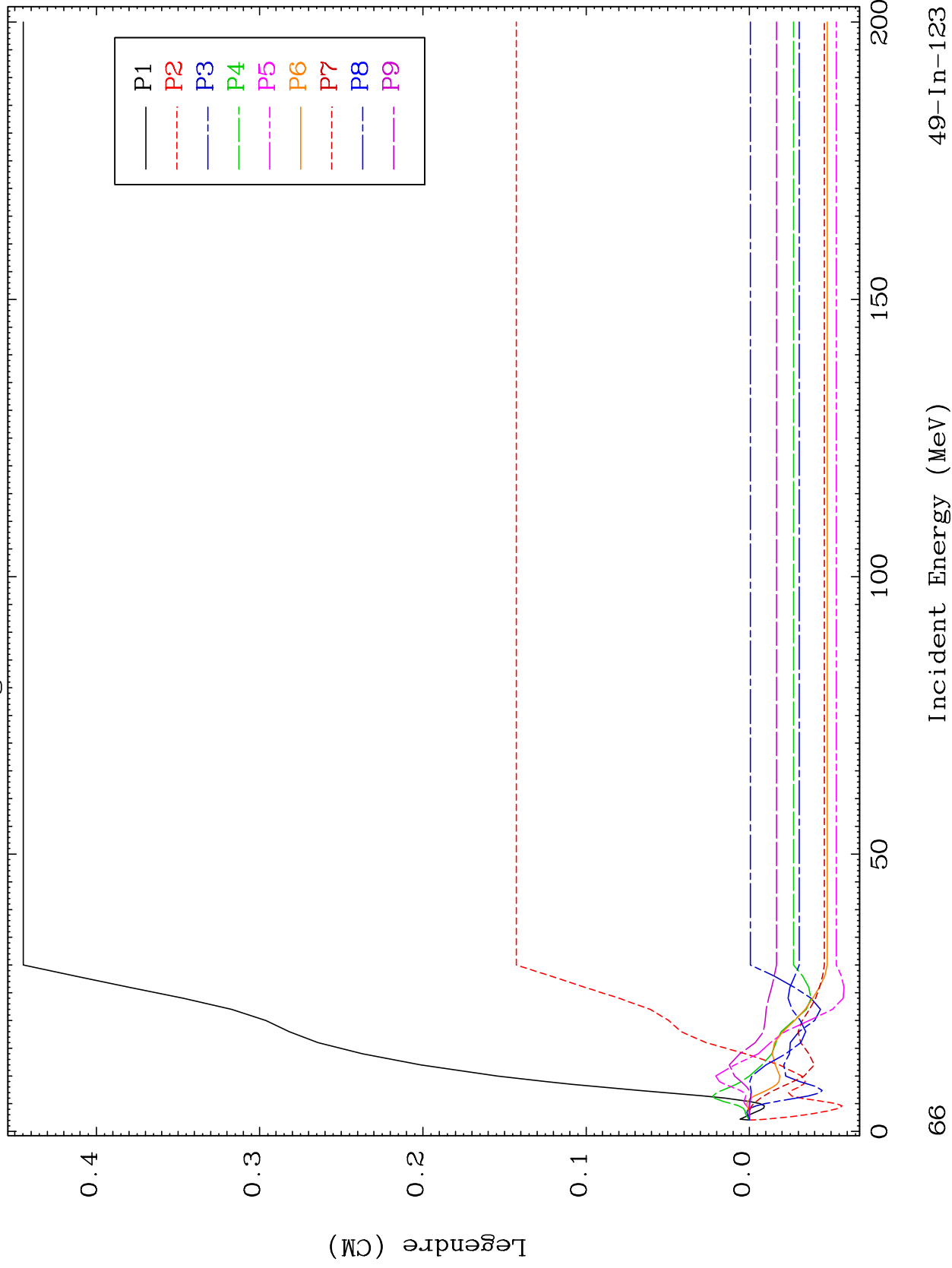
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



49-In-123

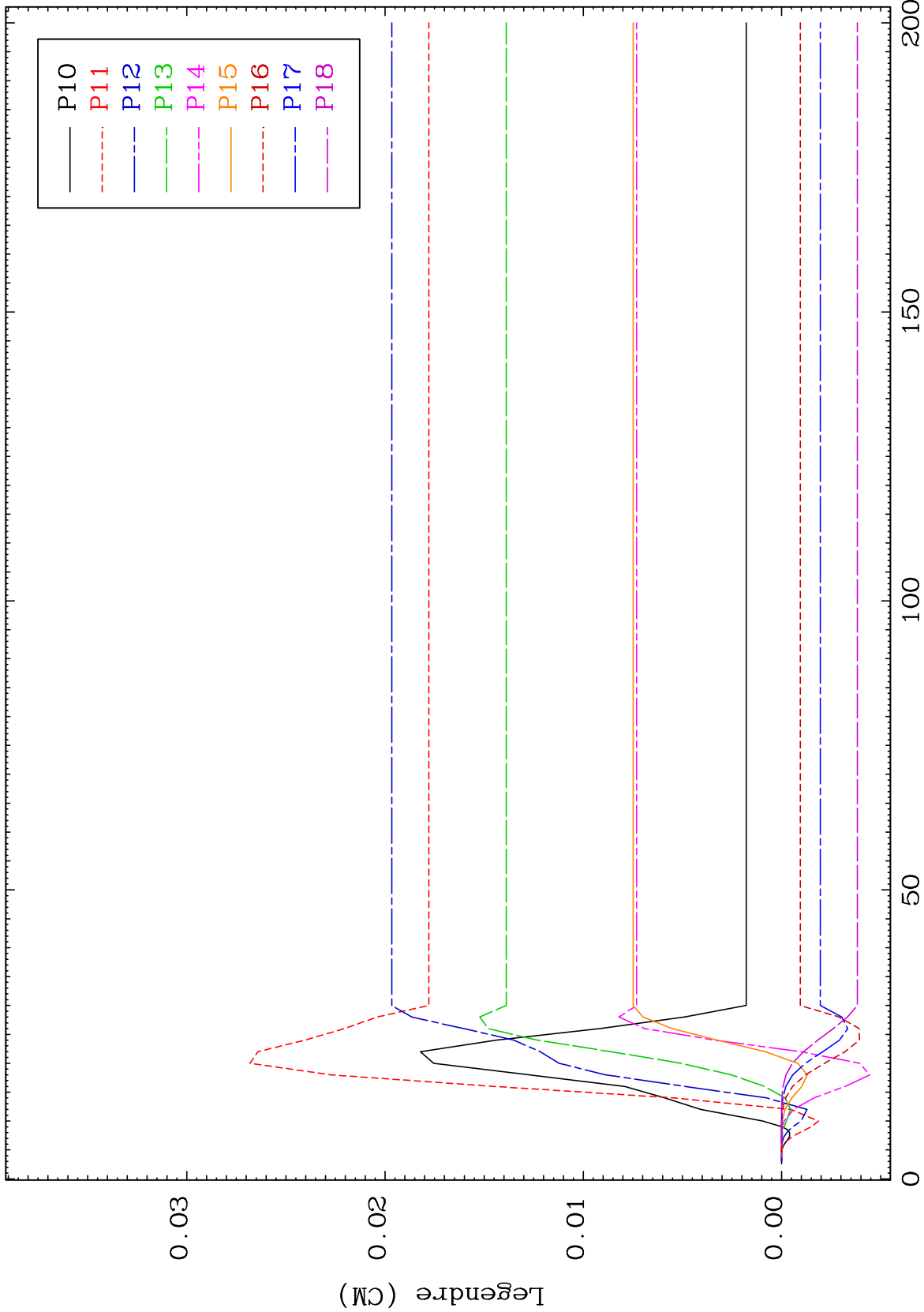
Incident Energy (MeV)

66

MAT 4955

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

49-In-123



67

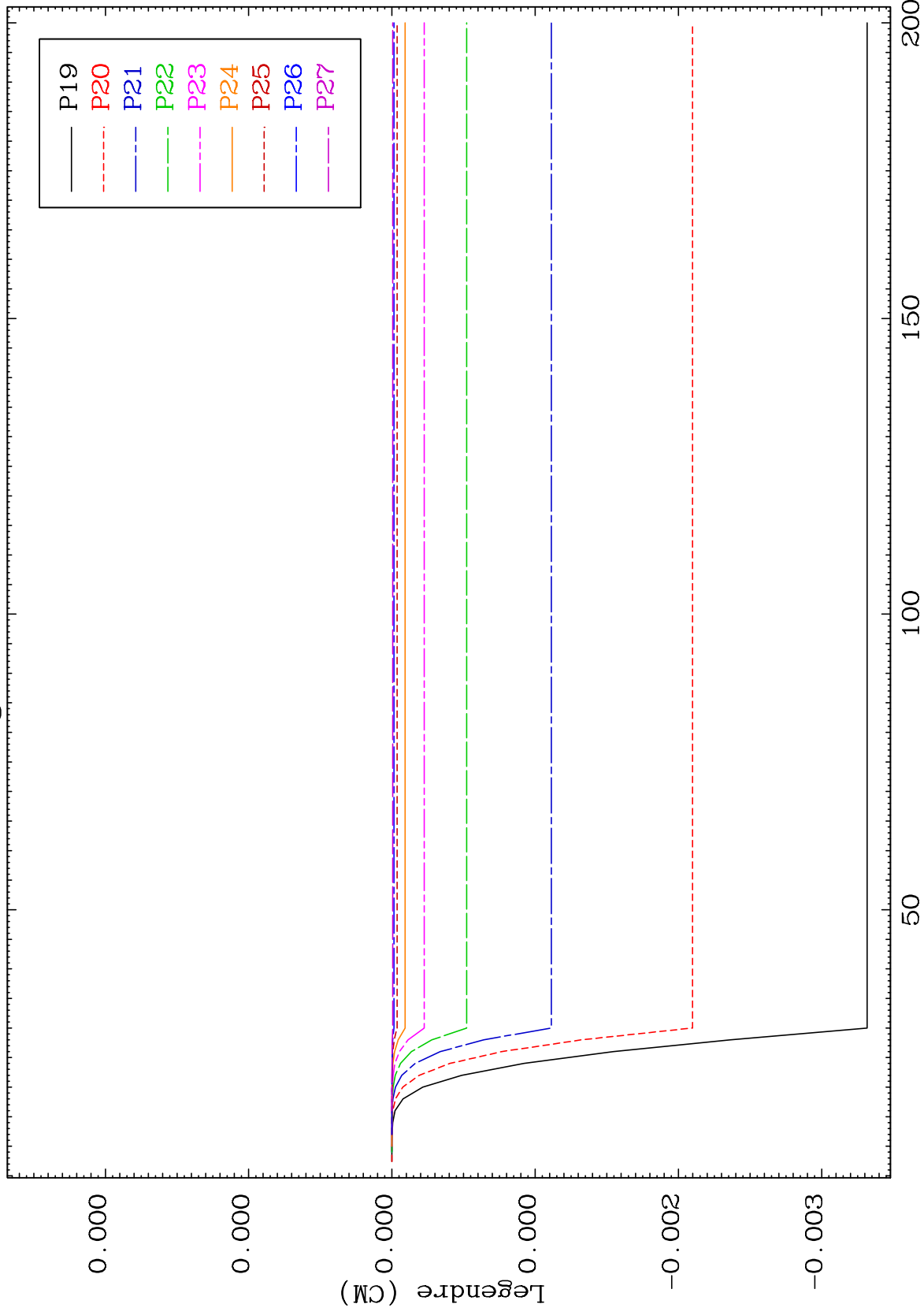
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



68

Incident Energy (MeV)

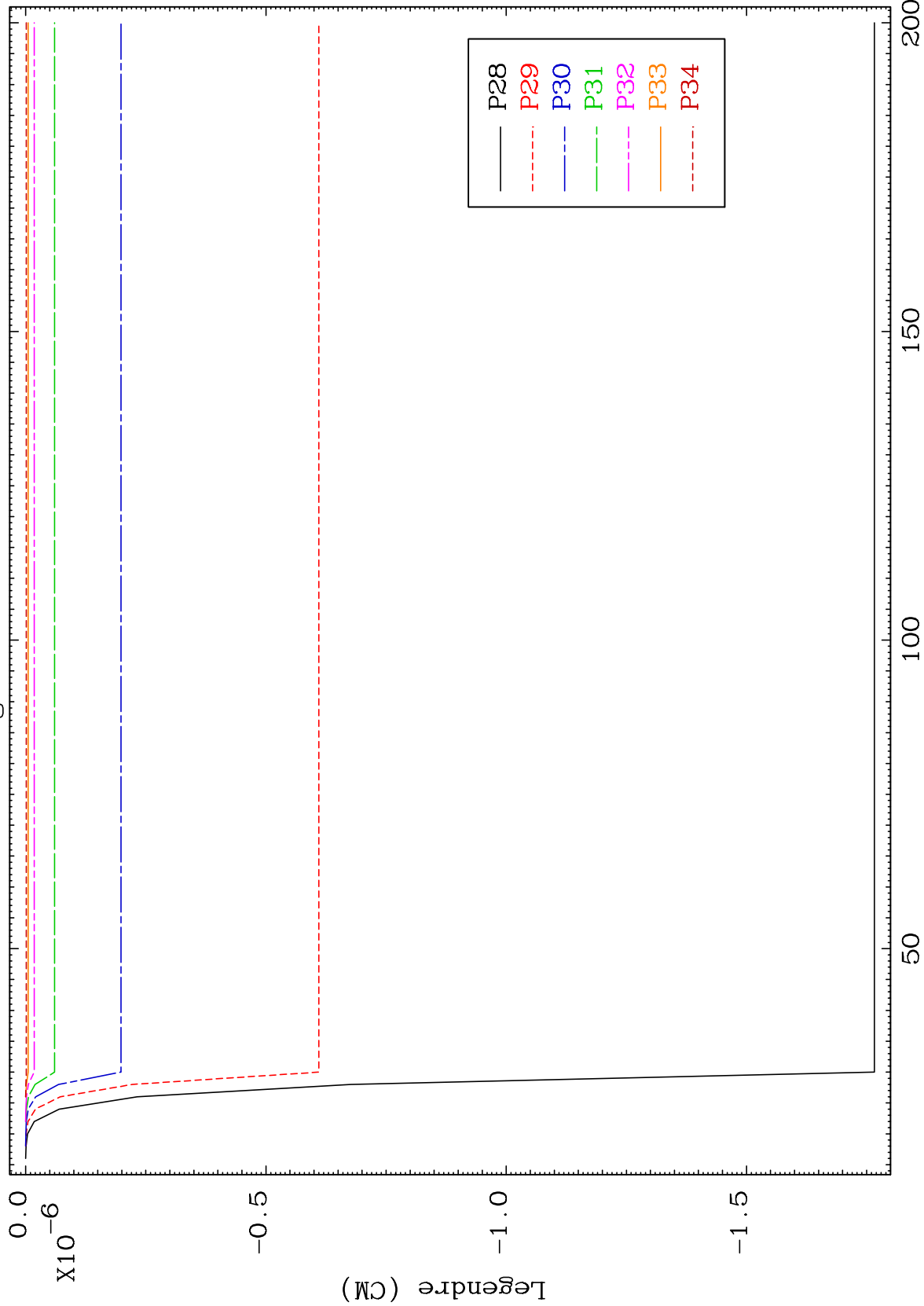
49-In-123

MAT 4955

MT= 63 (n,n') Level

49-In-123

Legendre Coefficients



69

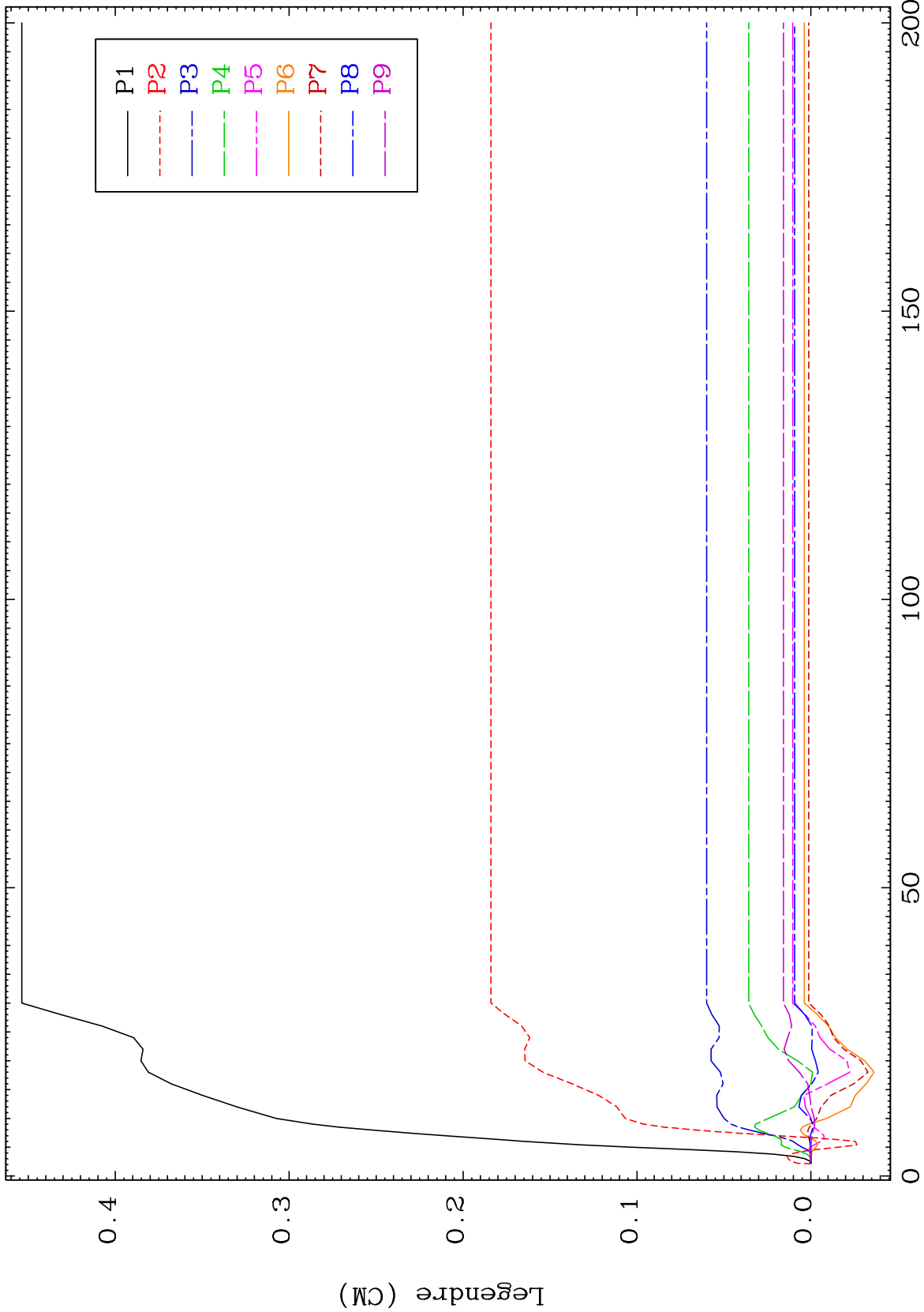
Incident Energy (MeV)

49-In-123

MAT 4955

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

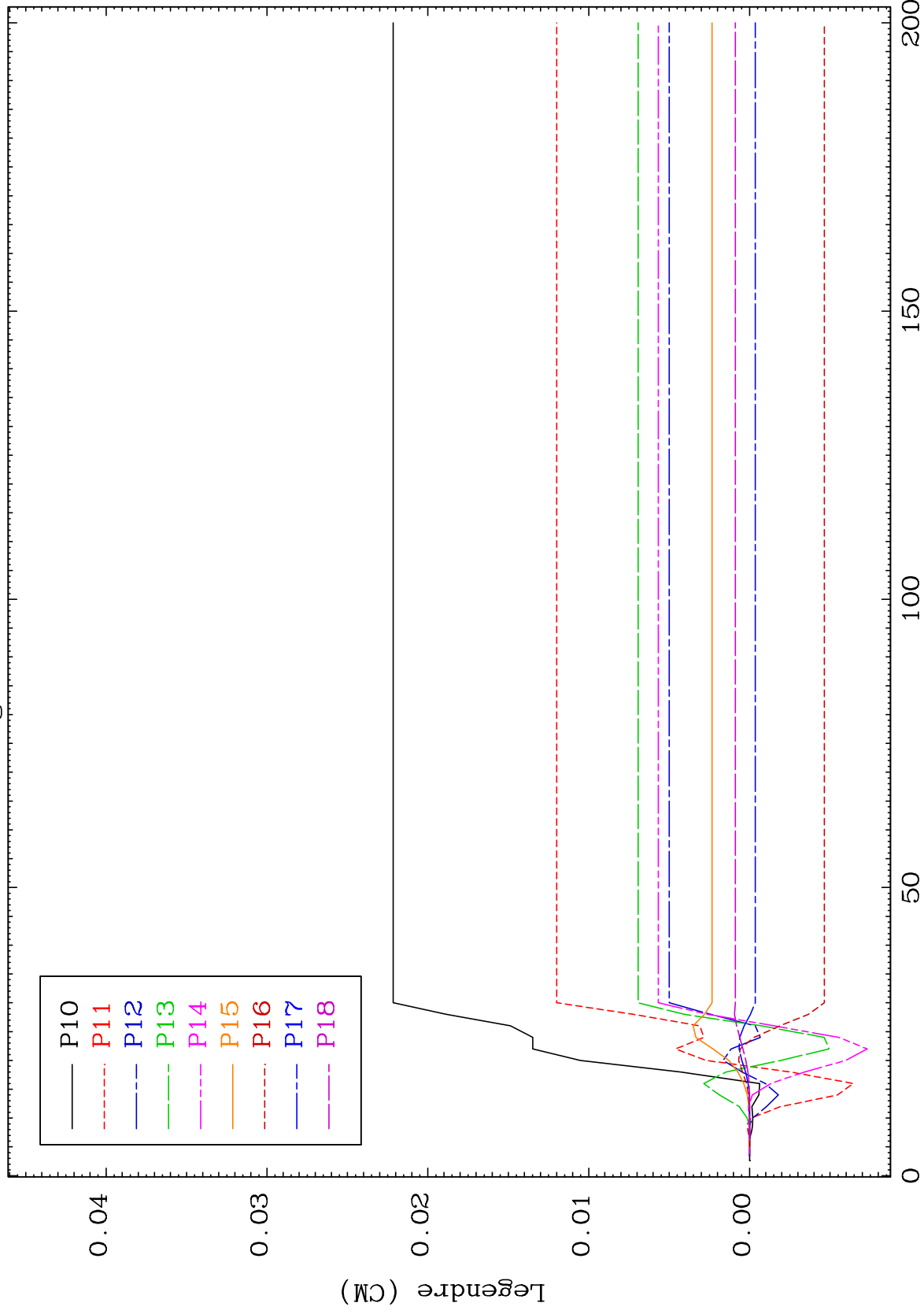
49-In-123



Incident Energy (MeV)

49-In-123

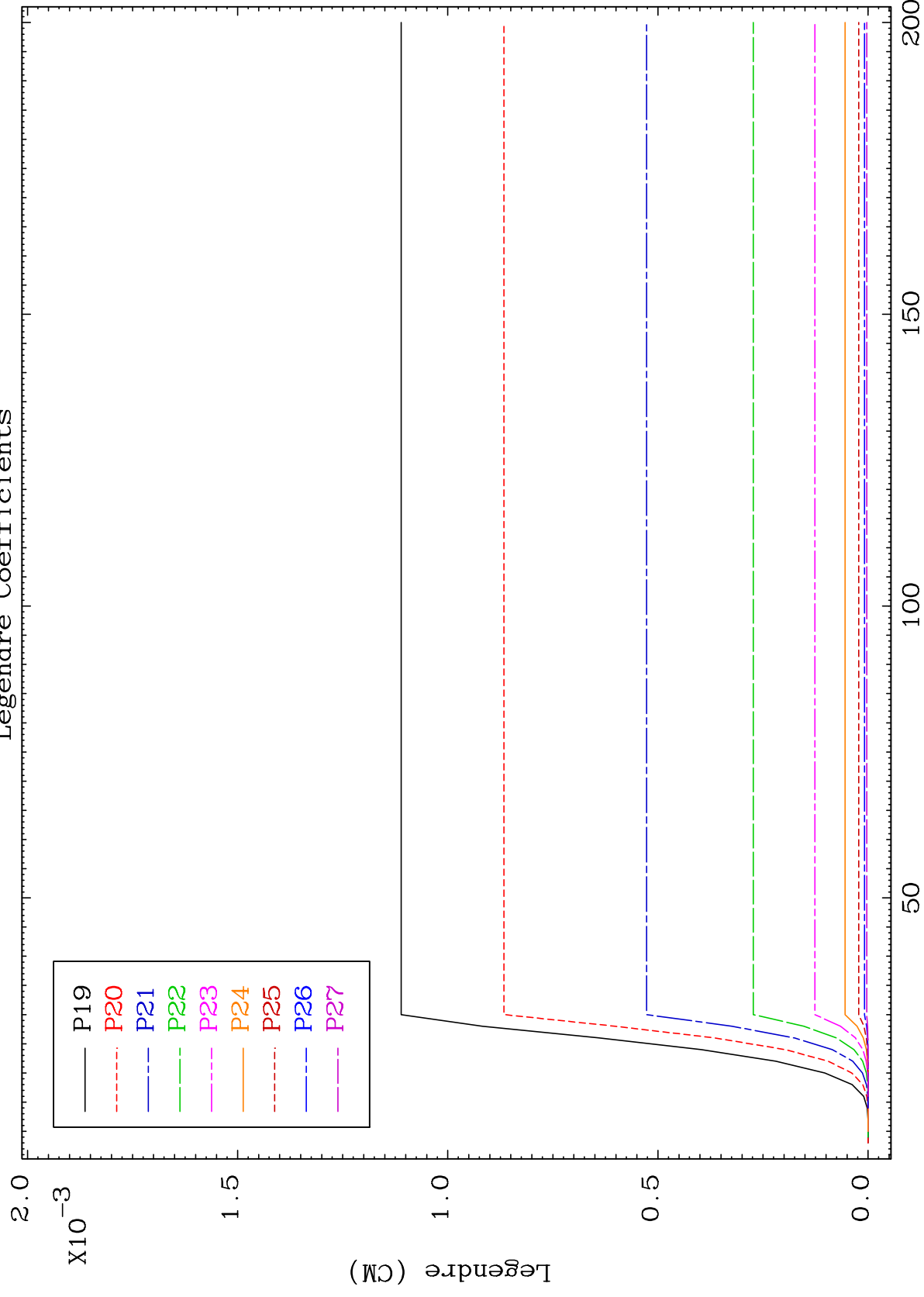
70



MAT 4955

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

49-In-123



72

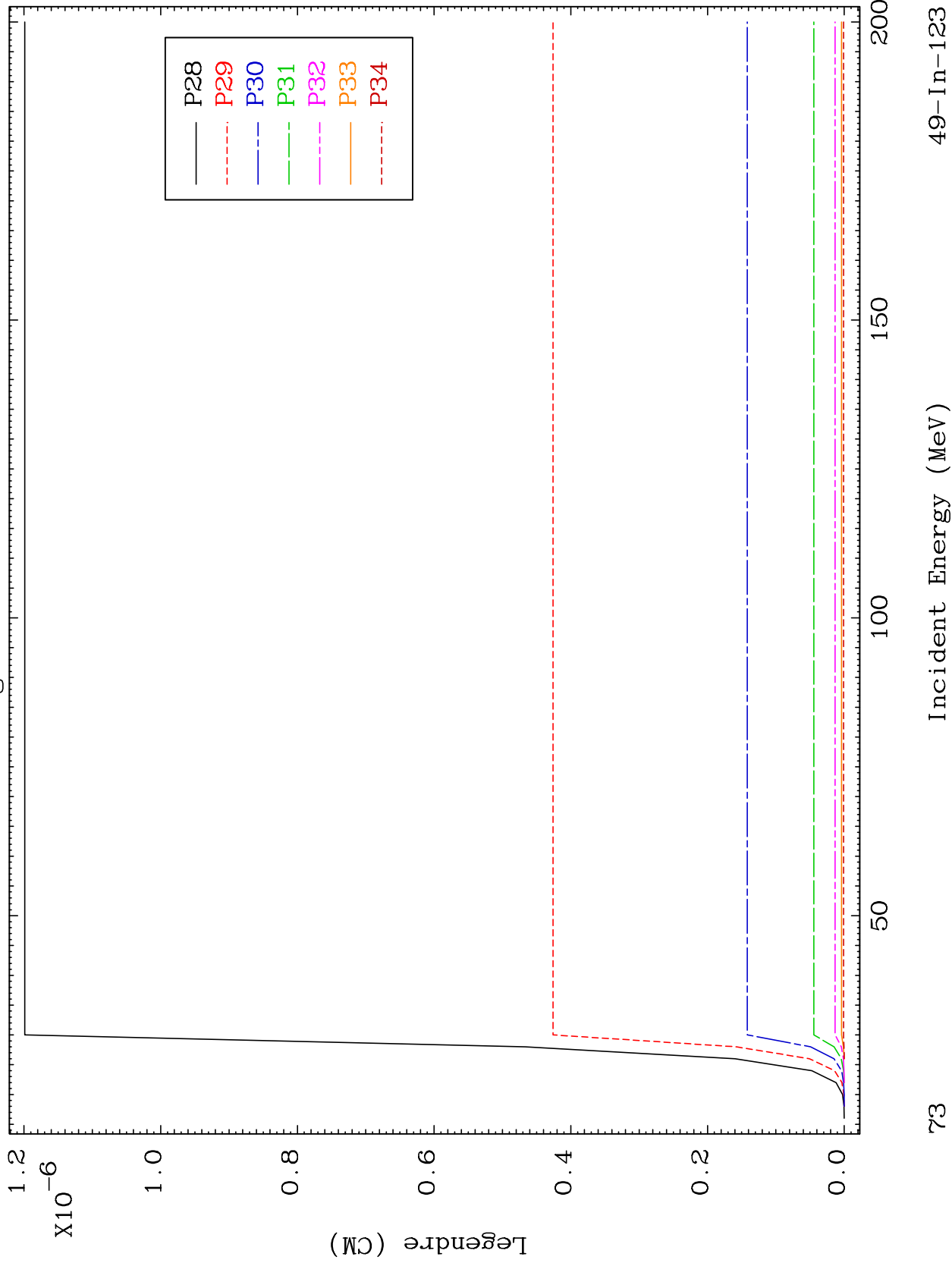
Incident Energy (MeV)

49-In-123

MAT 4955

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

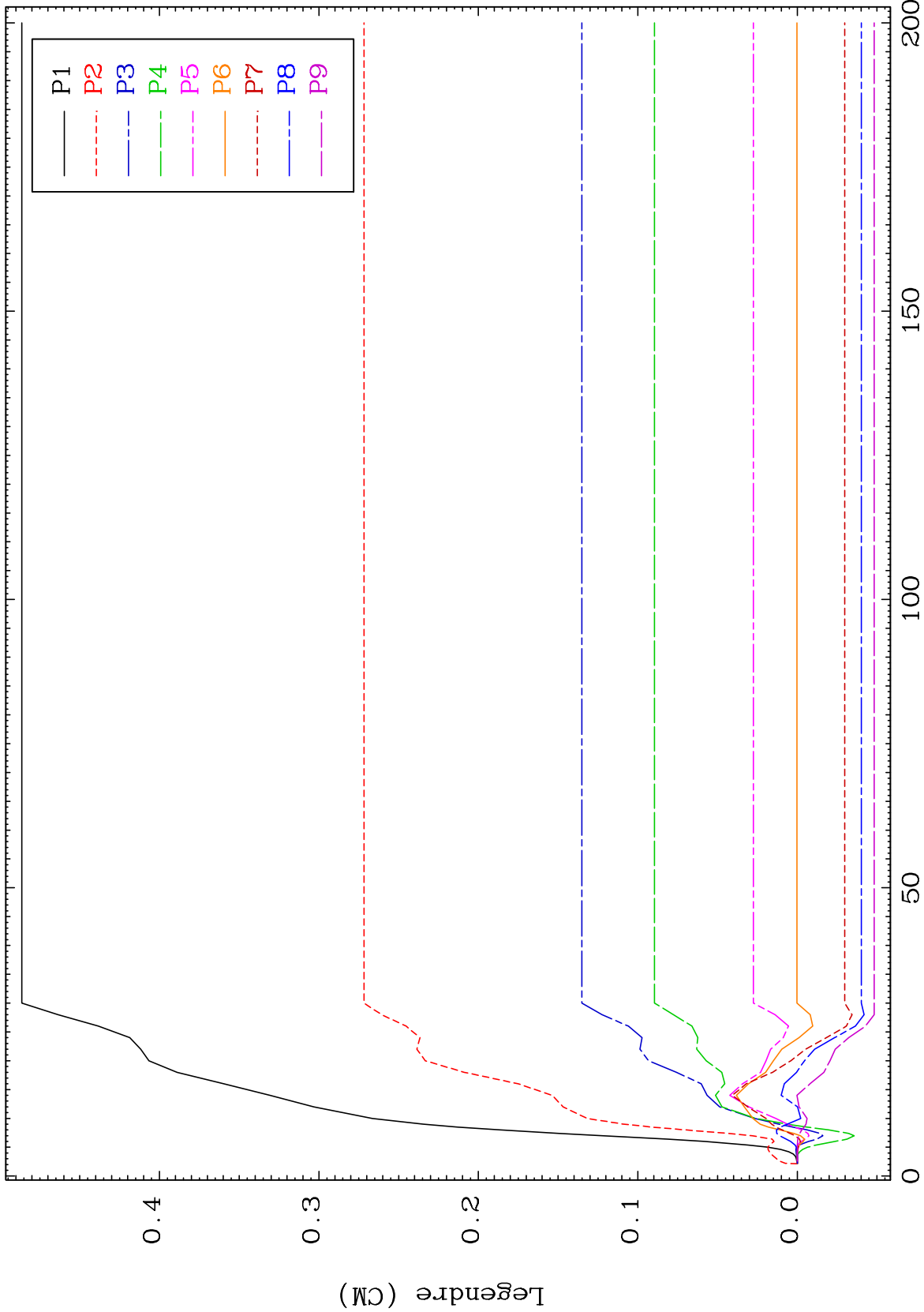
49-In-123



MAT 4955

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

49-In-123



74

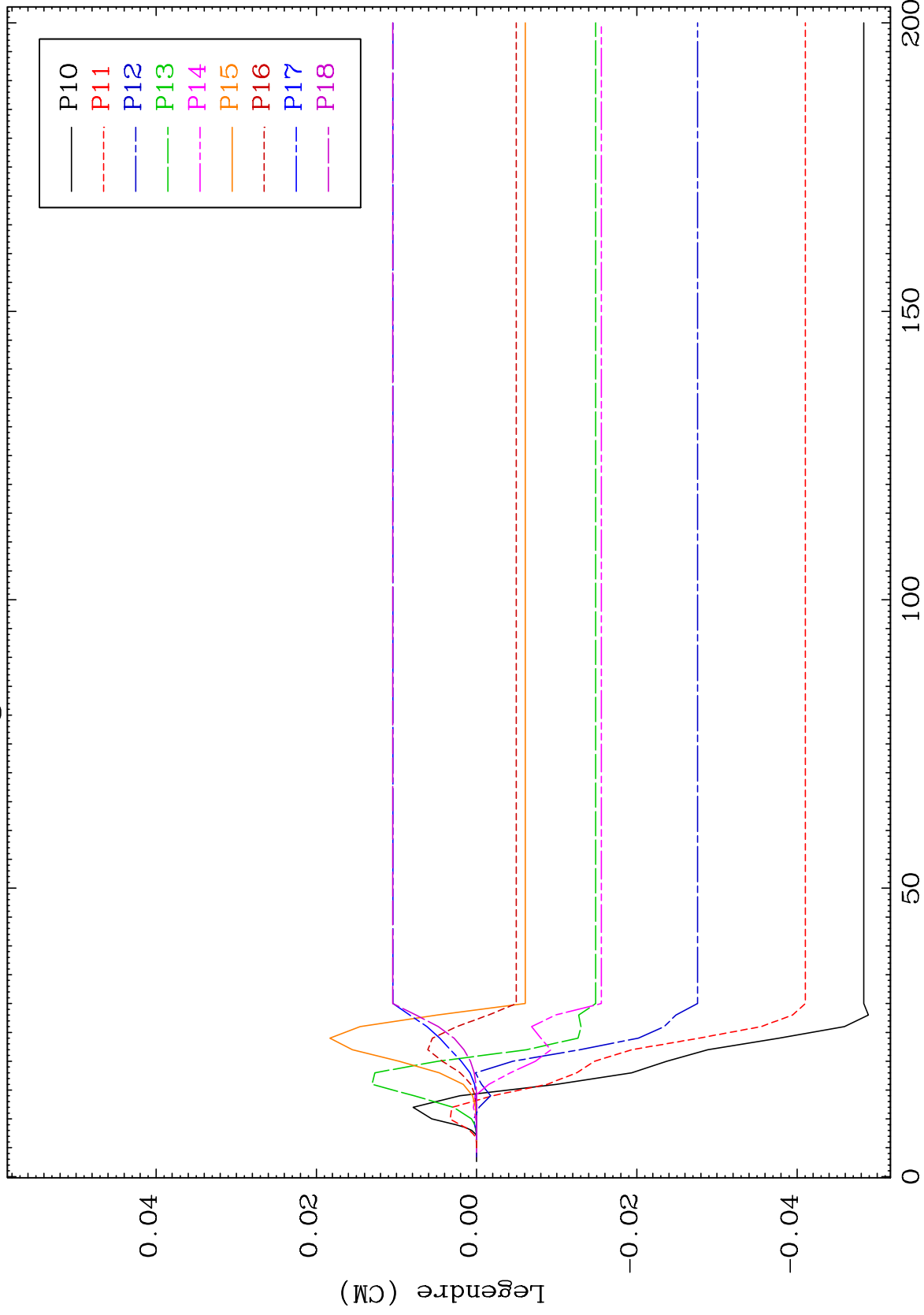
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



75

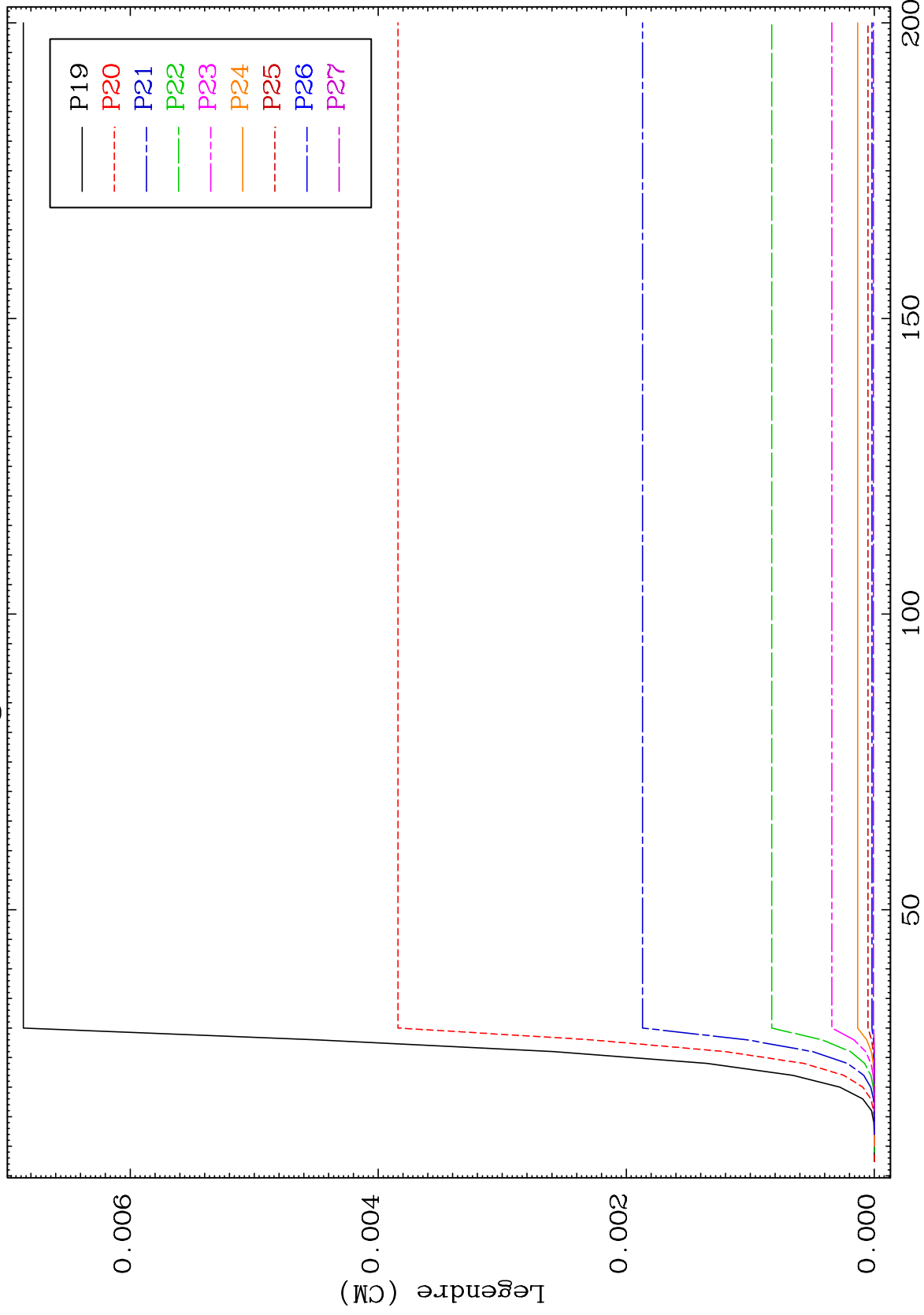
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



76

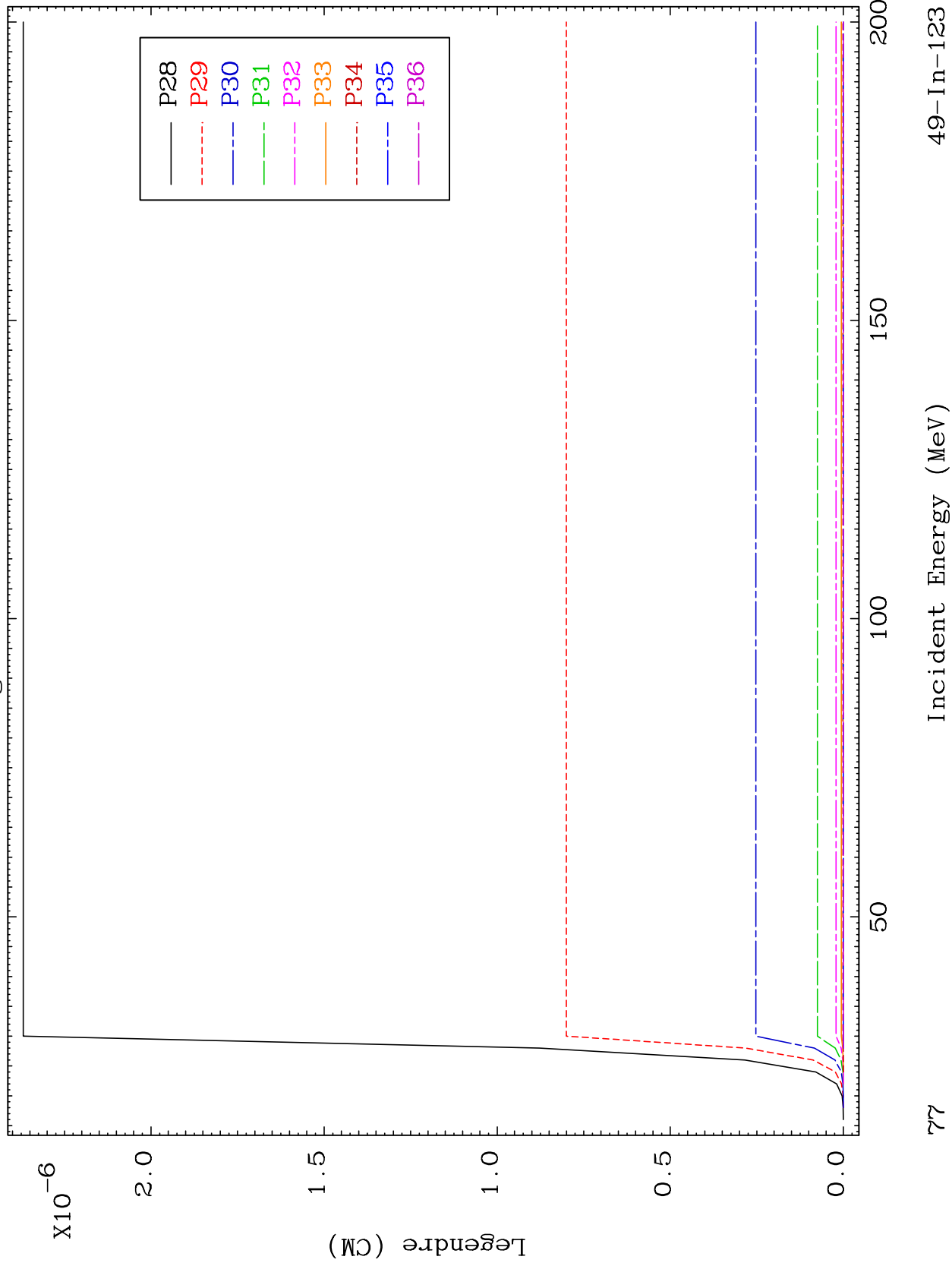
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



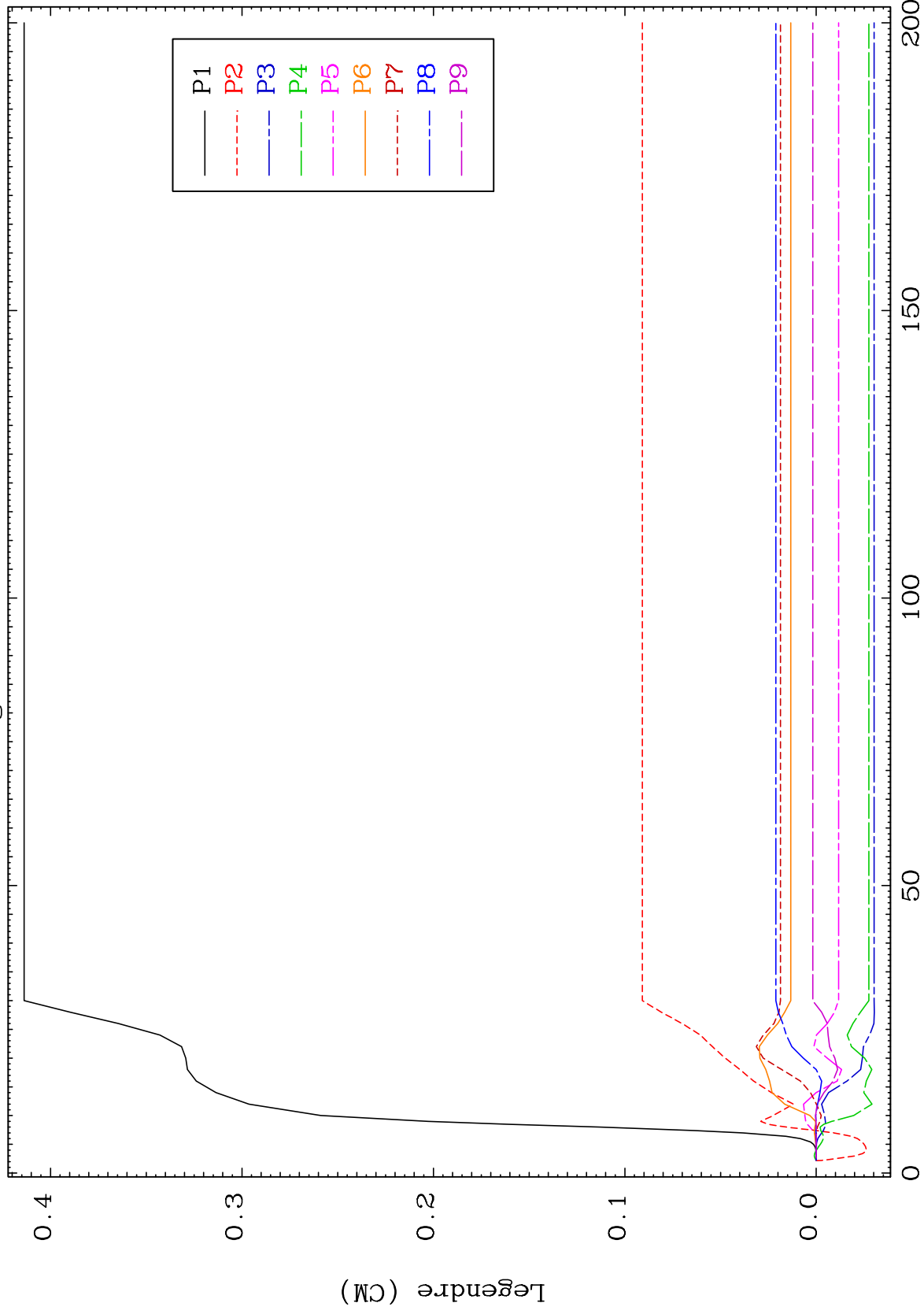
77

49-In-123

MAT 4955

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

49-In-123



78

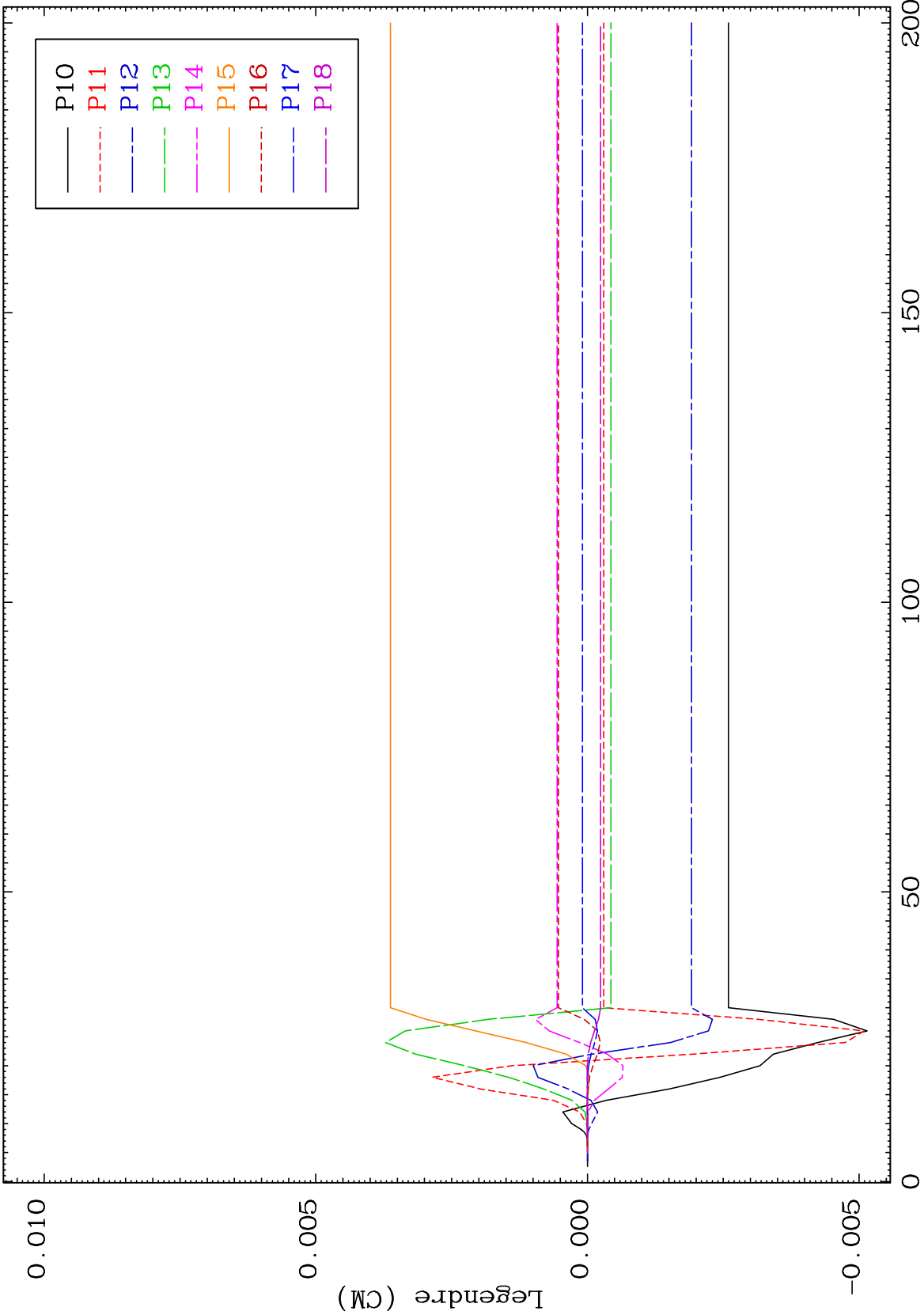
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



79

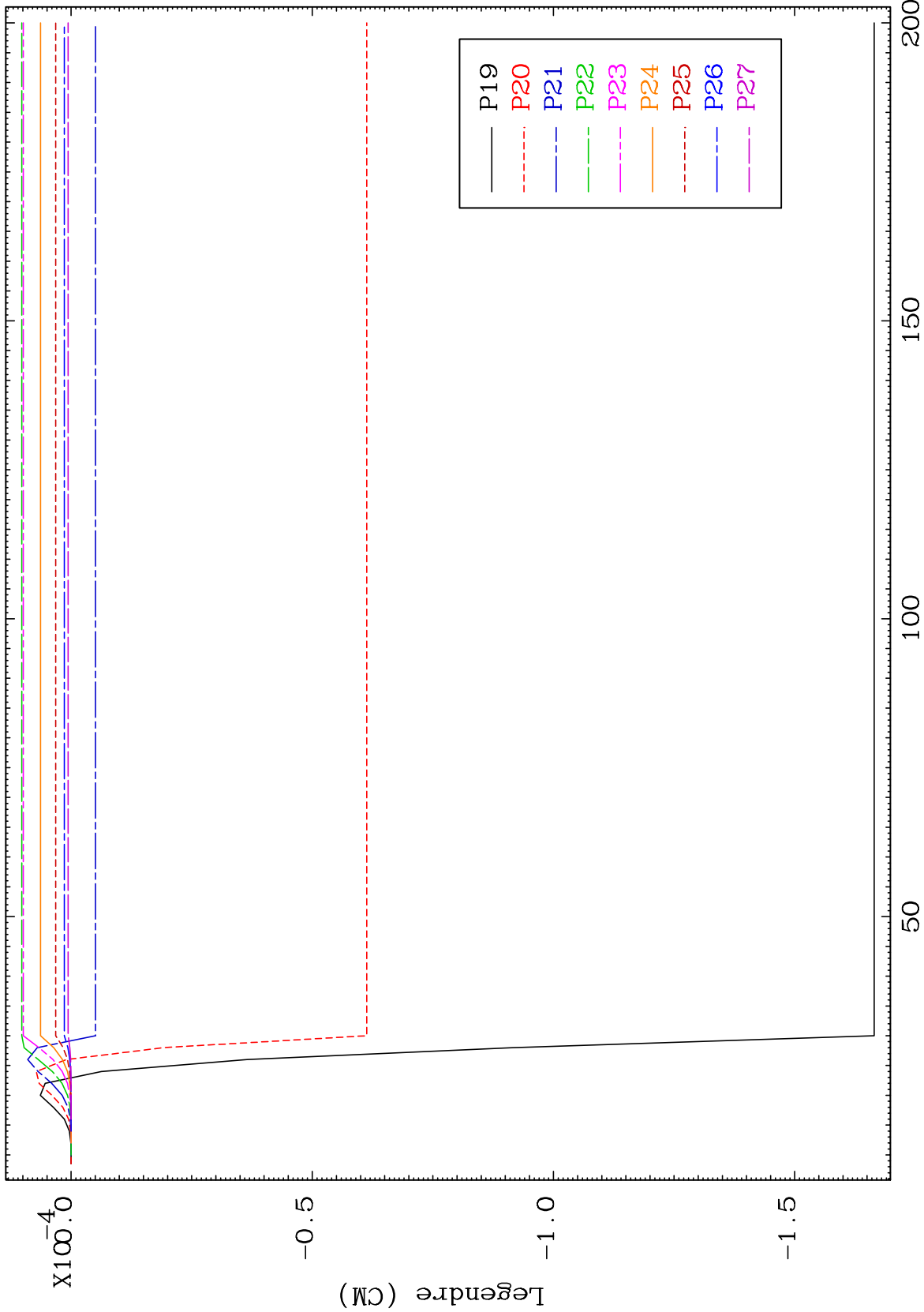
49-In-123

MAT 4955

MT= 66 (n,n') Level

49-In-123

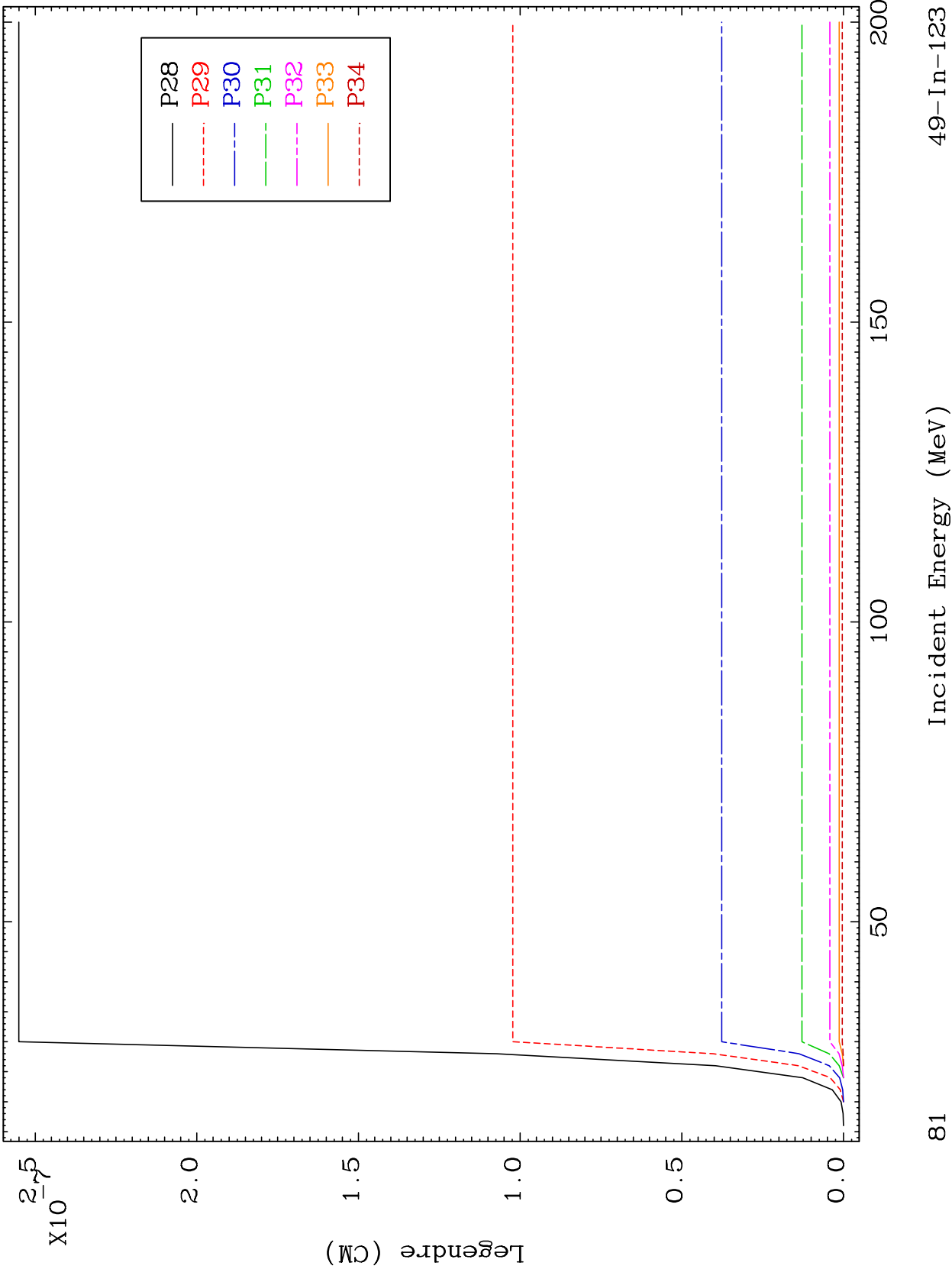
Legendre Coefficients



80

Incident Energy (MeV)

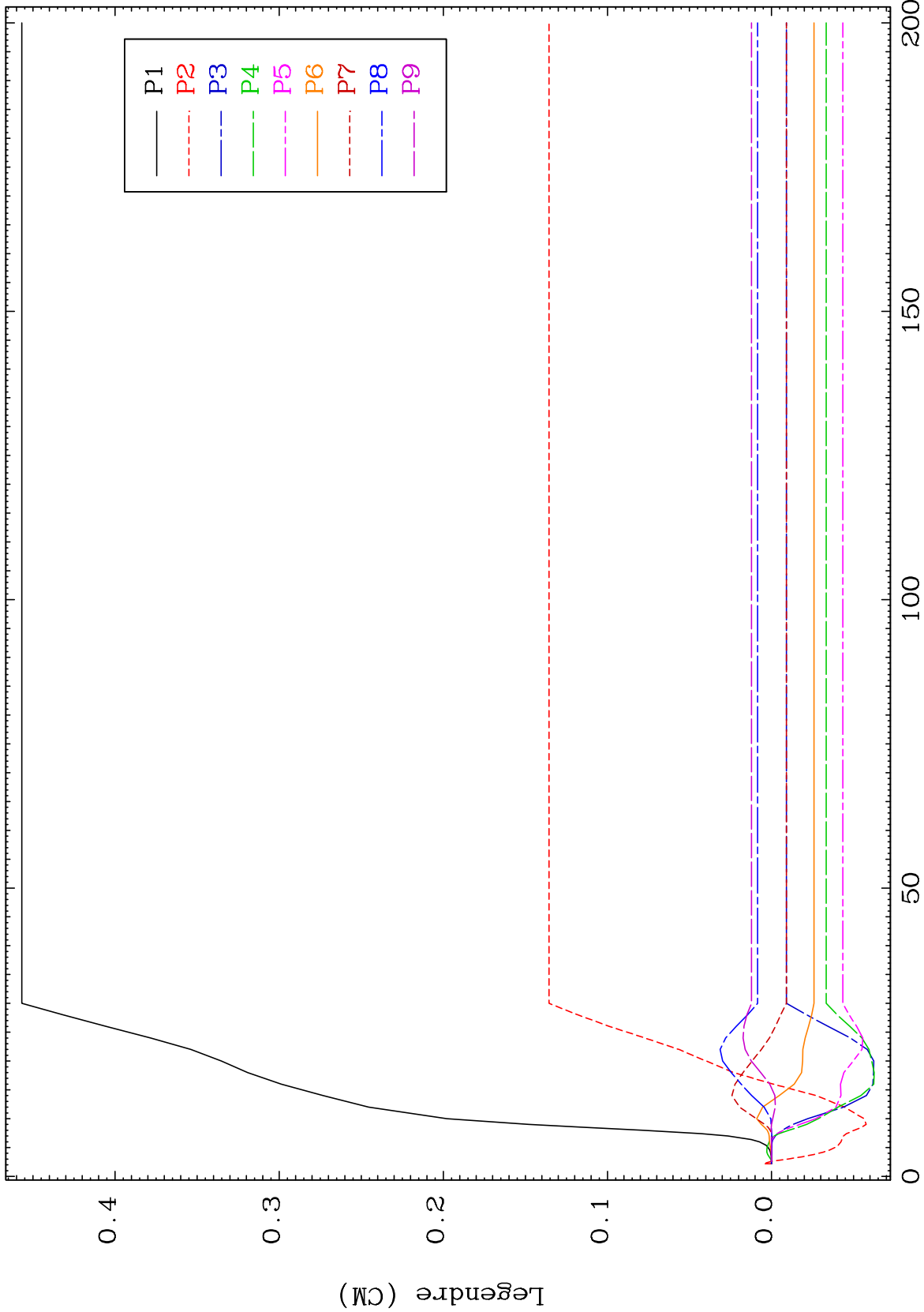
49-In-123



MAT 4955

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

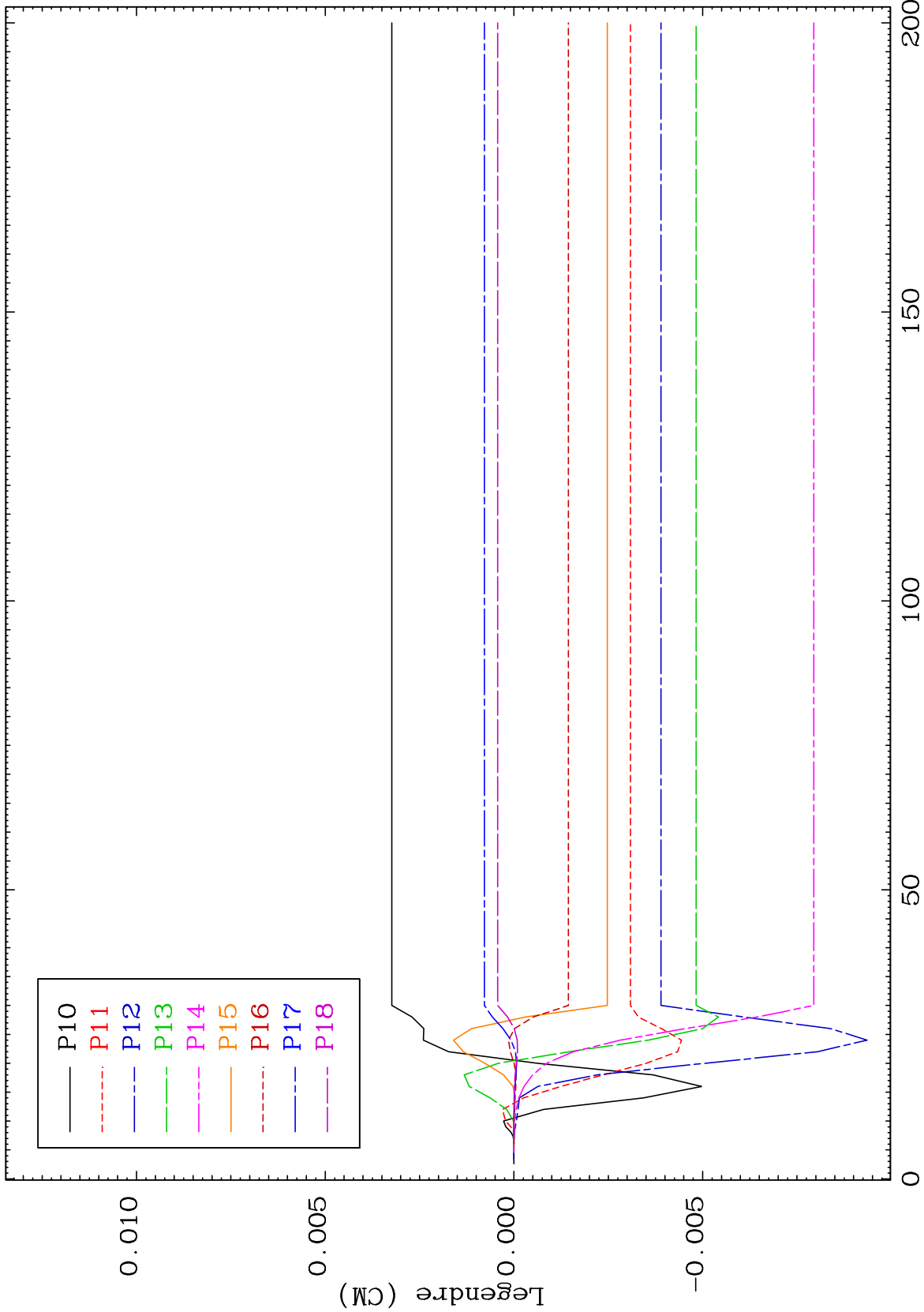
49-In-123

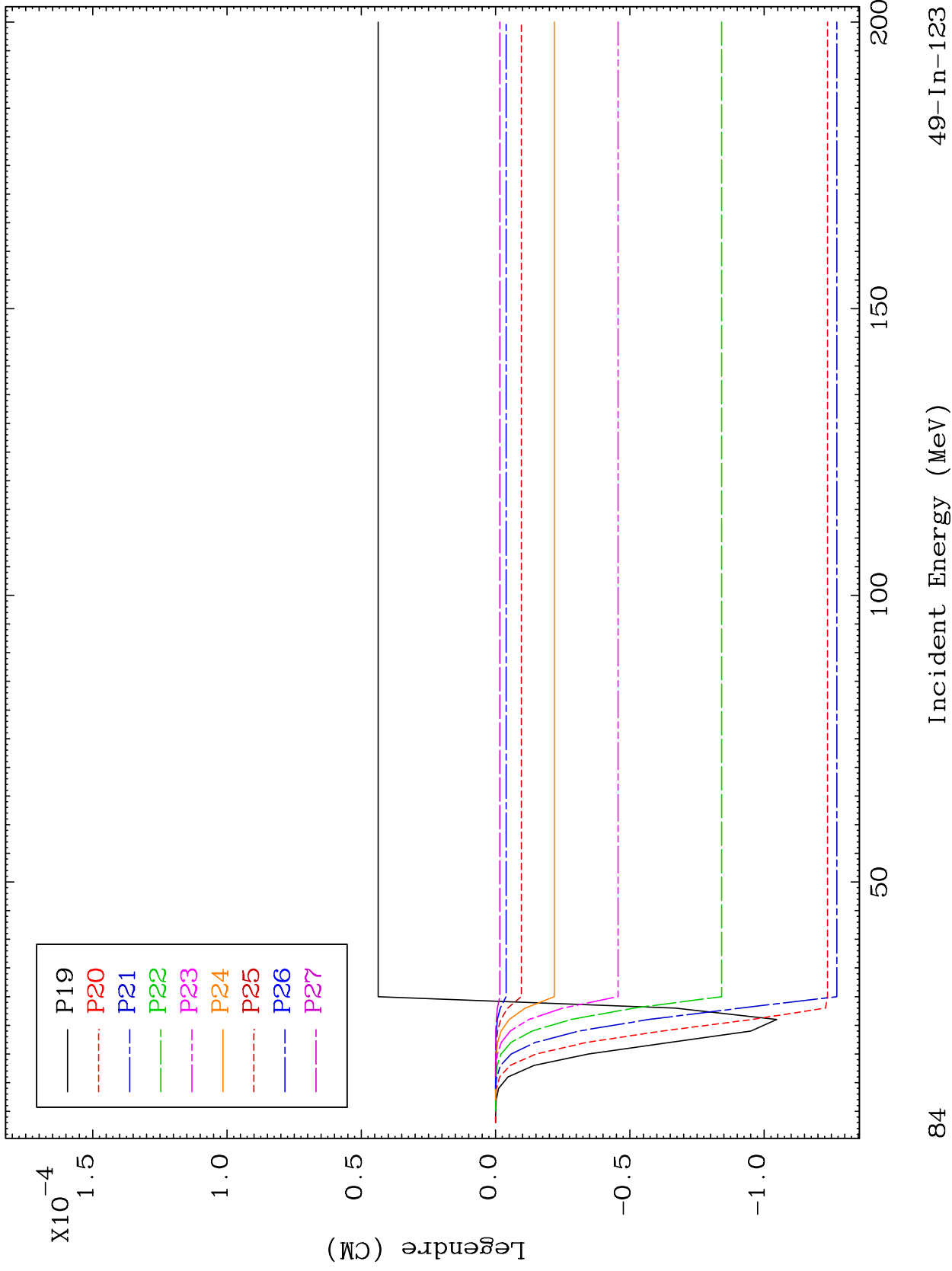


82

Incident Energy (MeV)

49-In-123



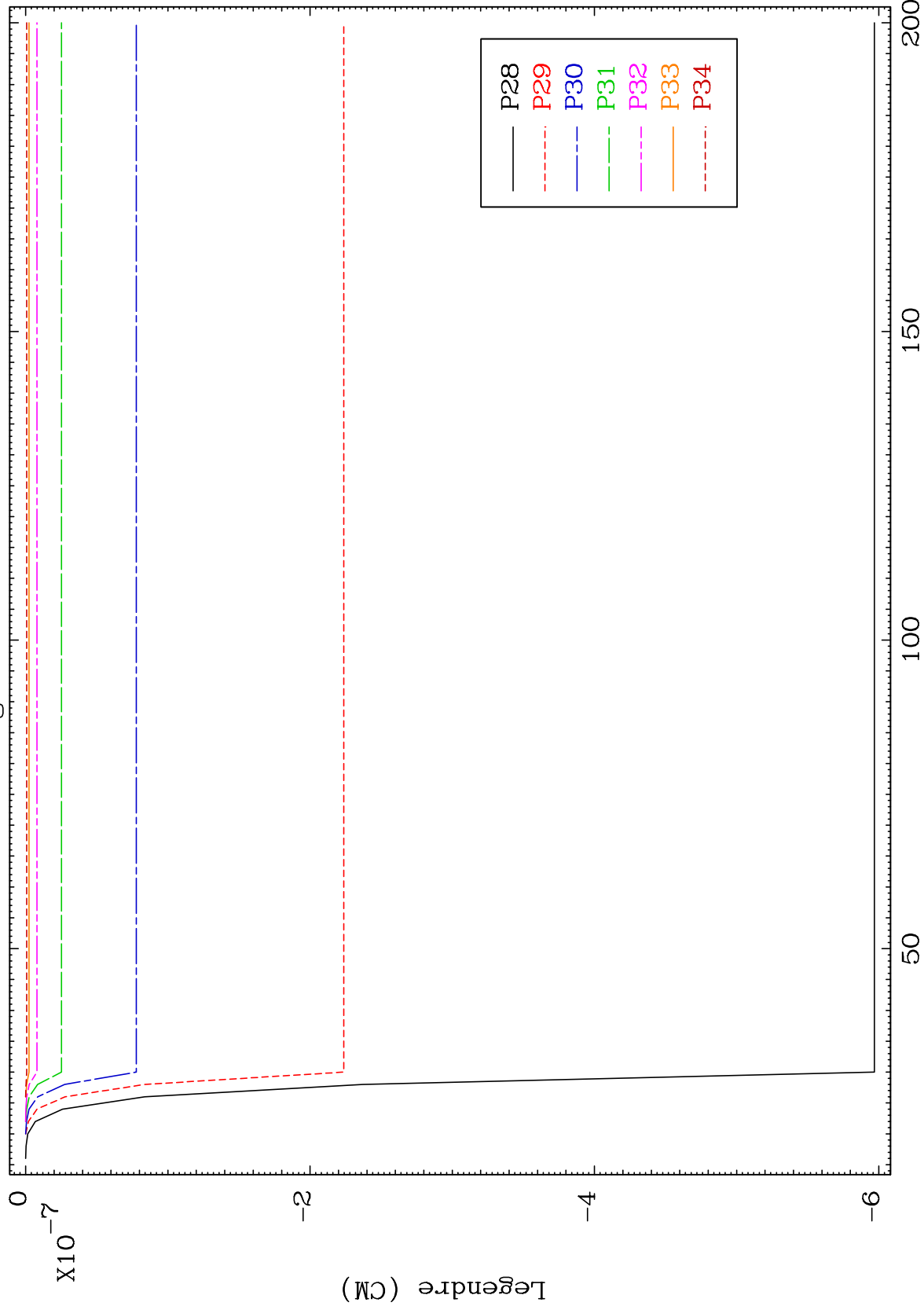


MAT 4955

MT= 67 (n,n') Level

49-In-123

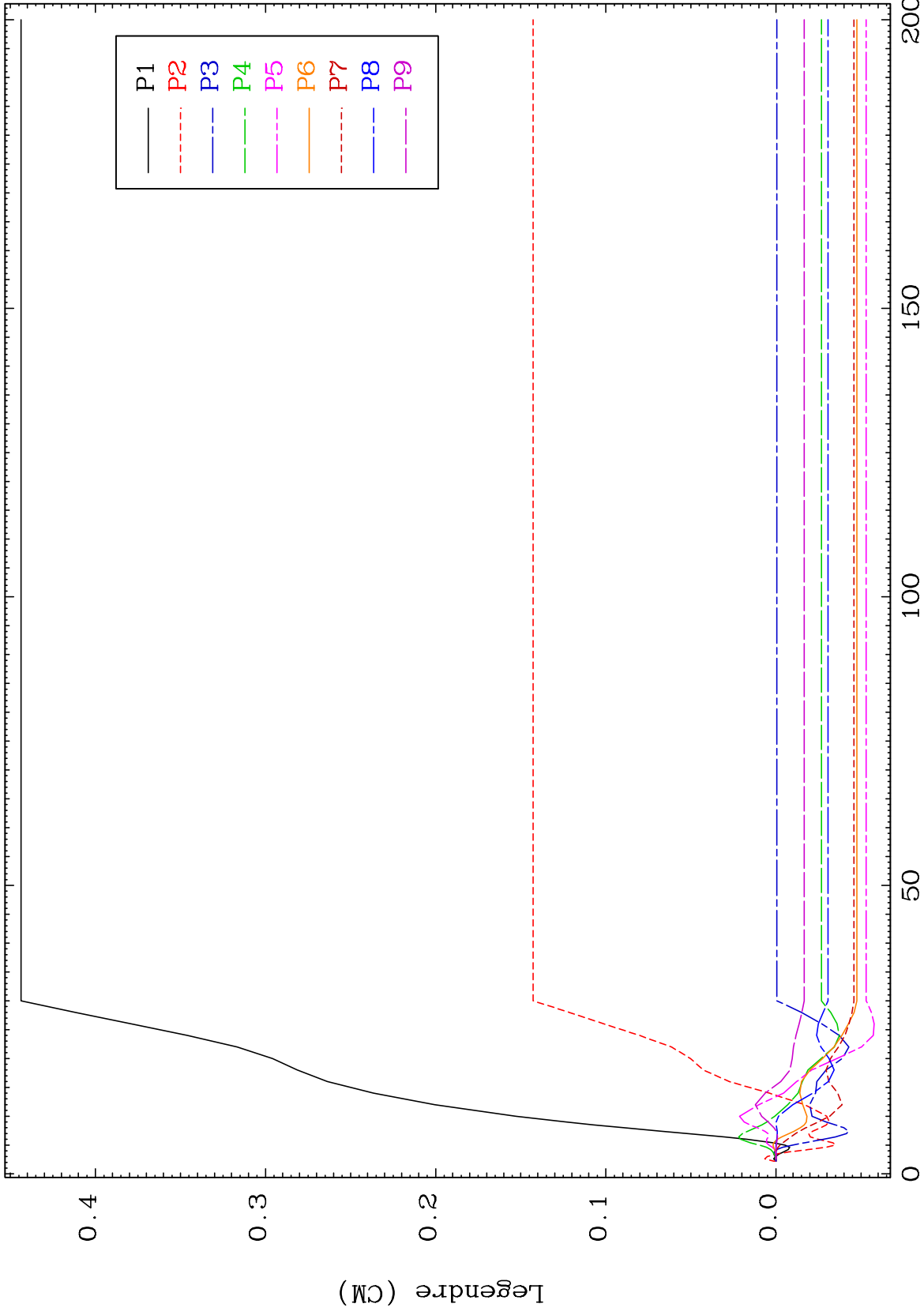
Legendre Coefficients



85

Incident Energy (MeV)

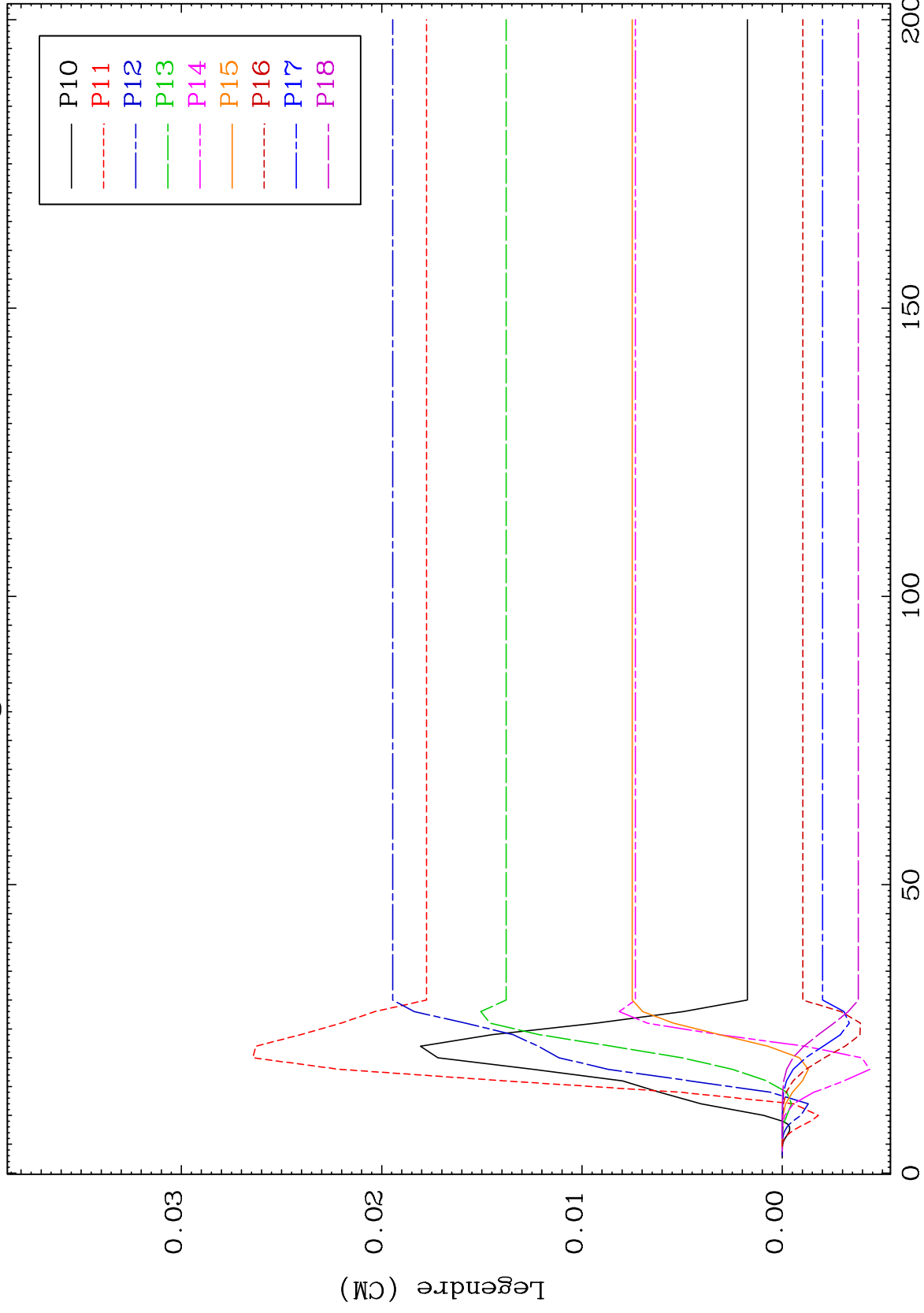
49-In-123



MAT 4955

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

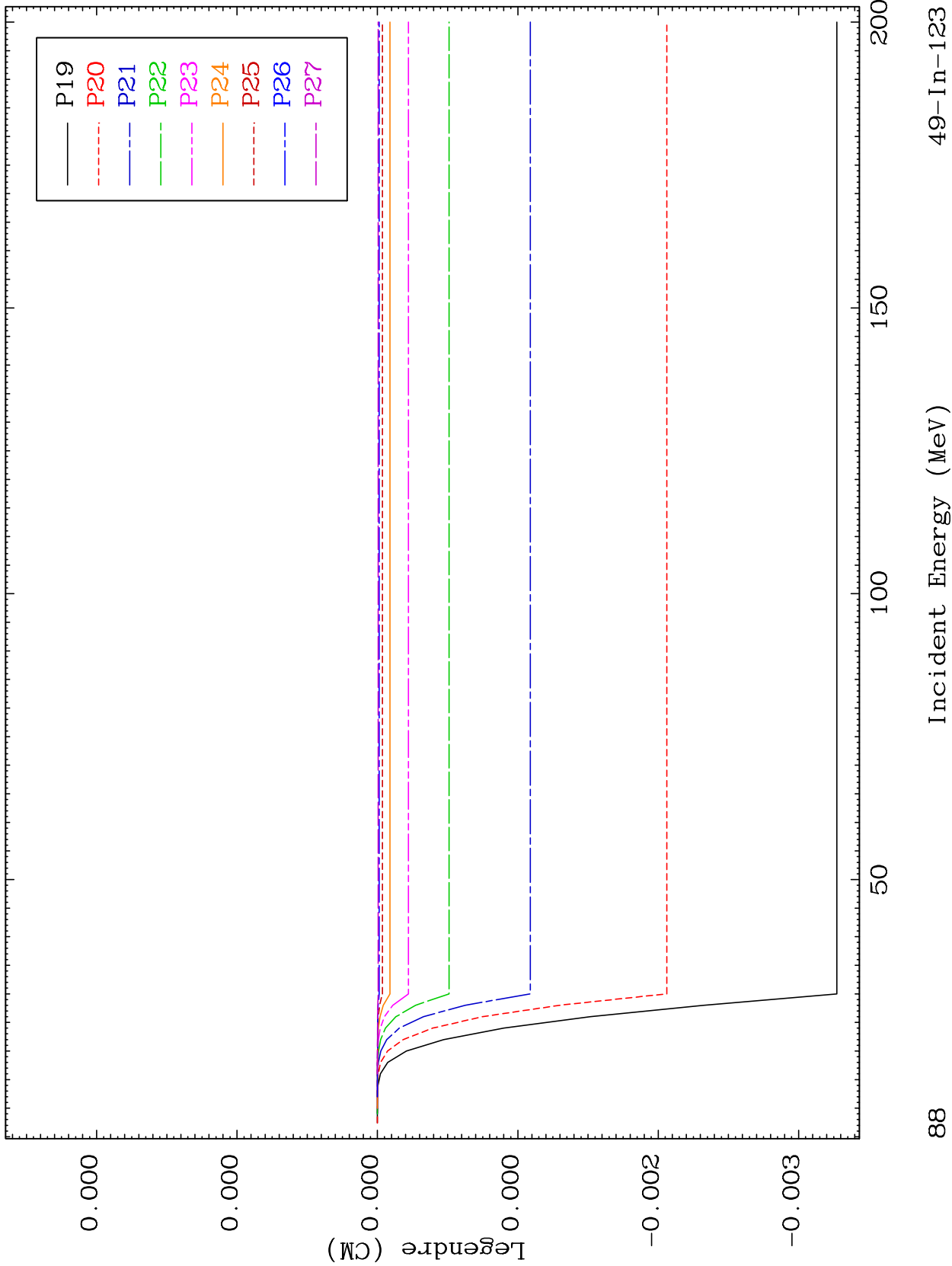
49-In-123

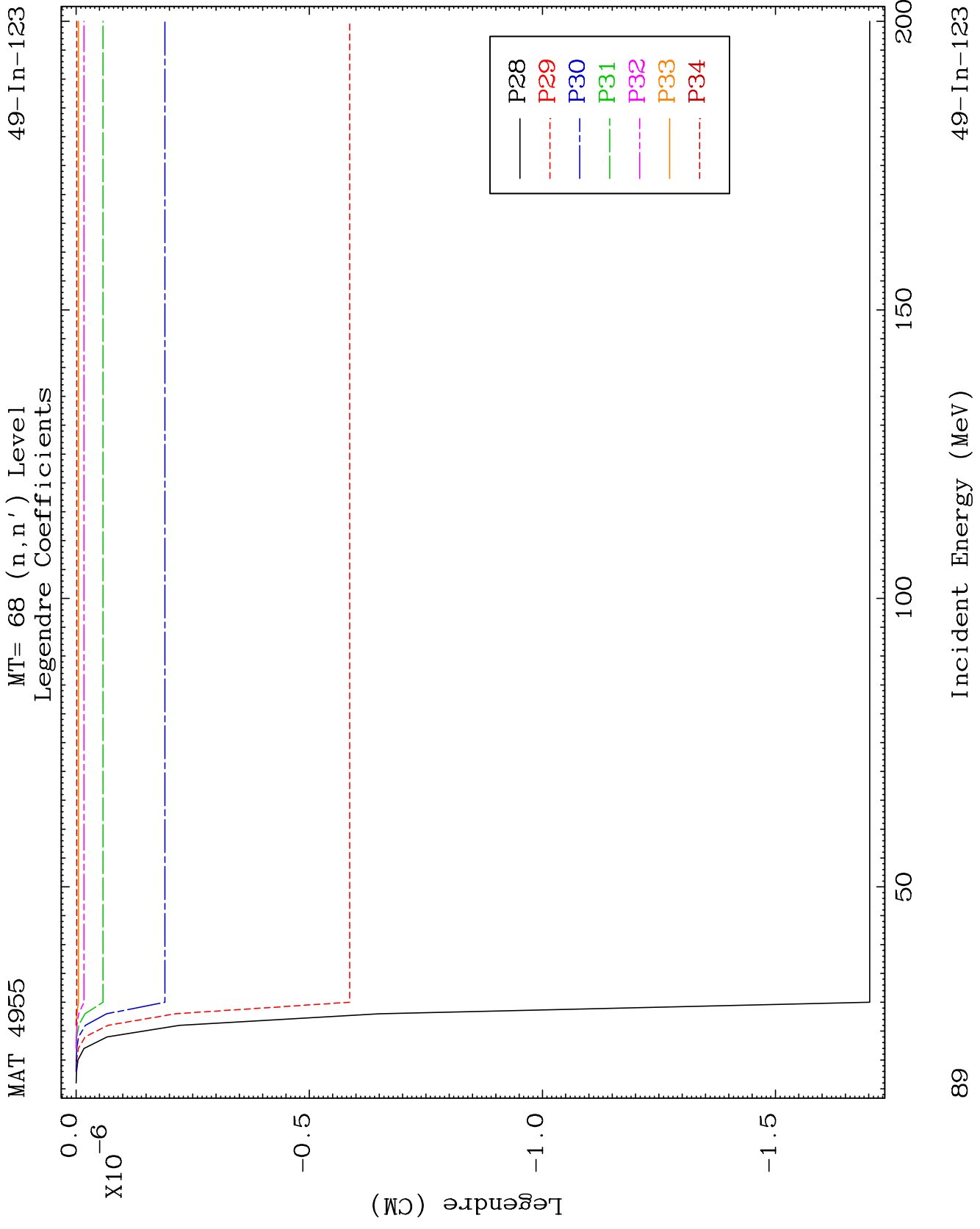


87

Incident Energy (MeV)

49-In-123

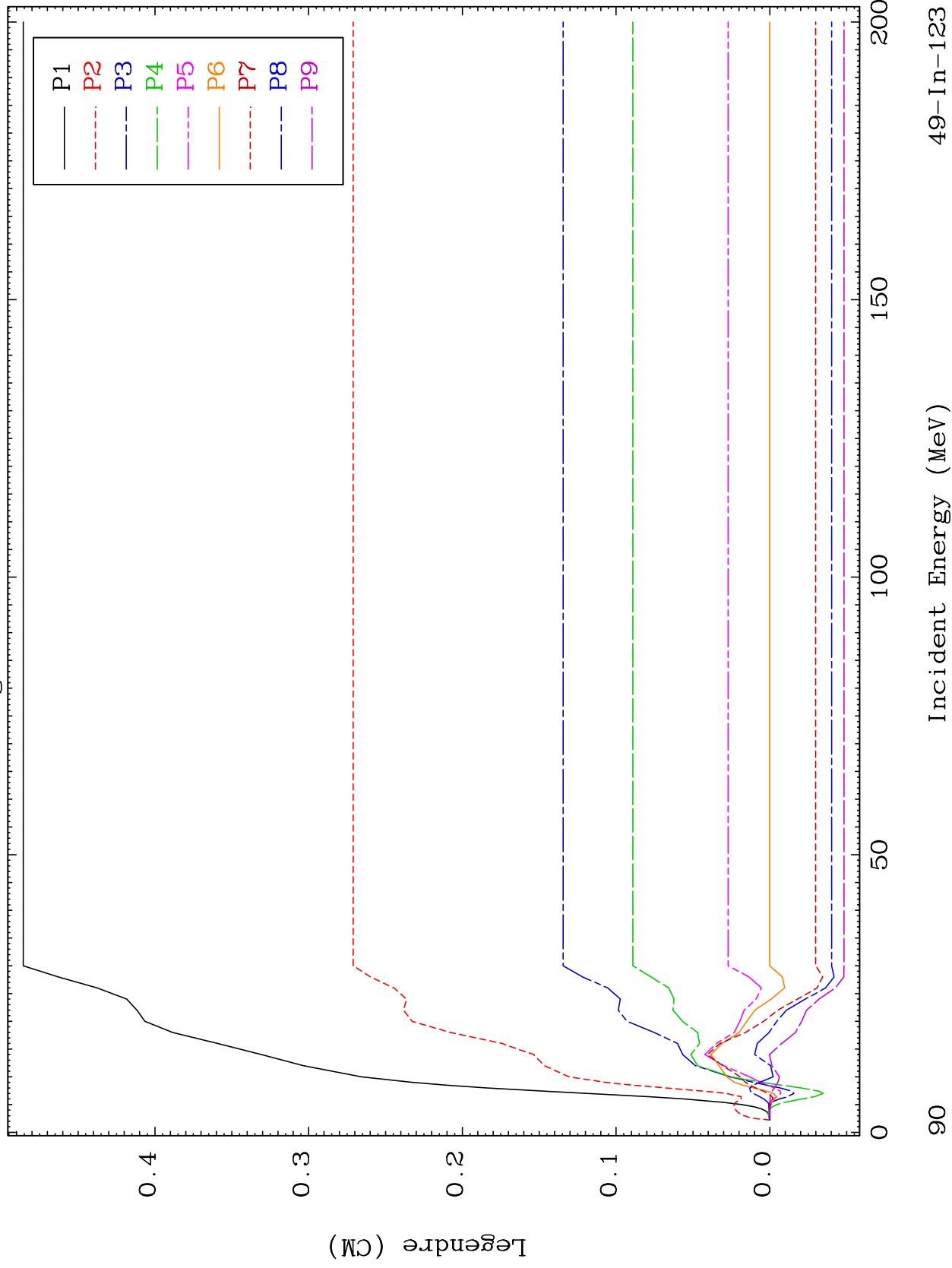




MAT 4955

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

49-In-123



49-In-123

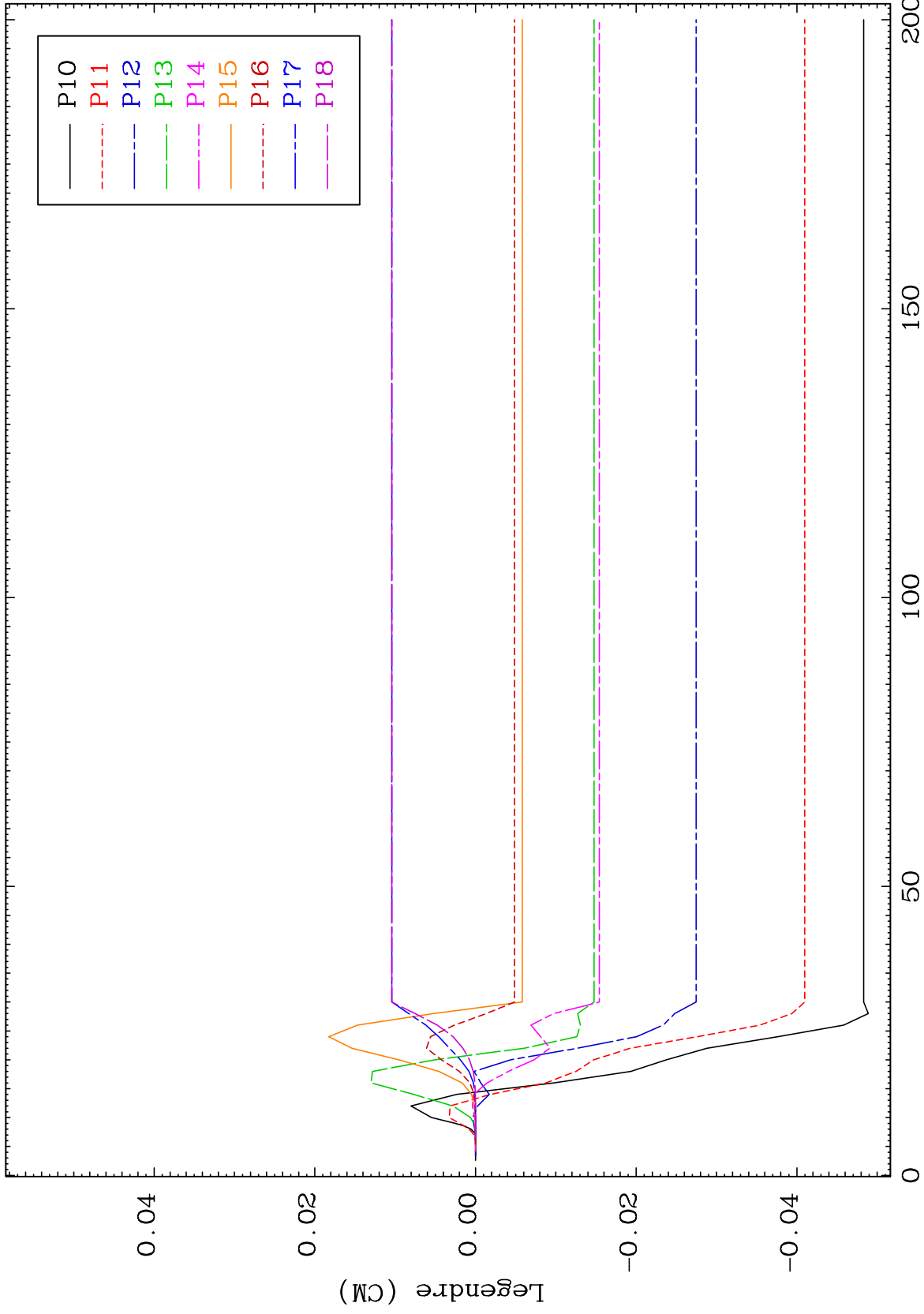
Incident Energy (MeV)

90

MAT 4955

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

49-In-123



91

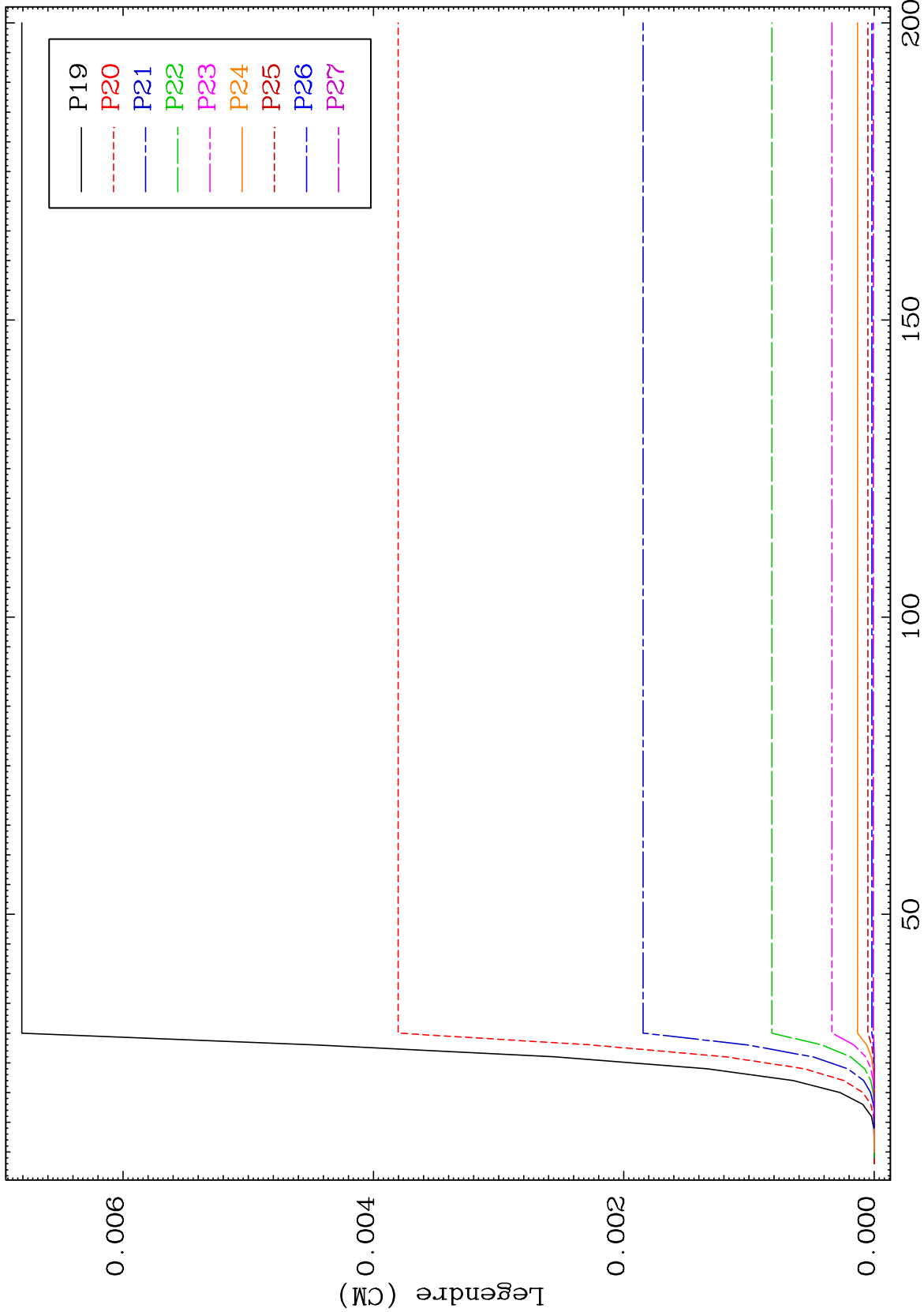
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



92

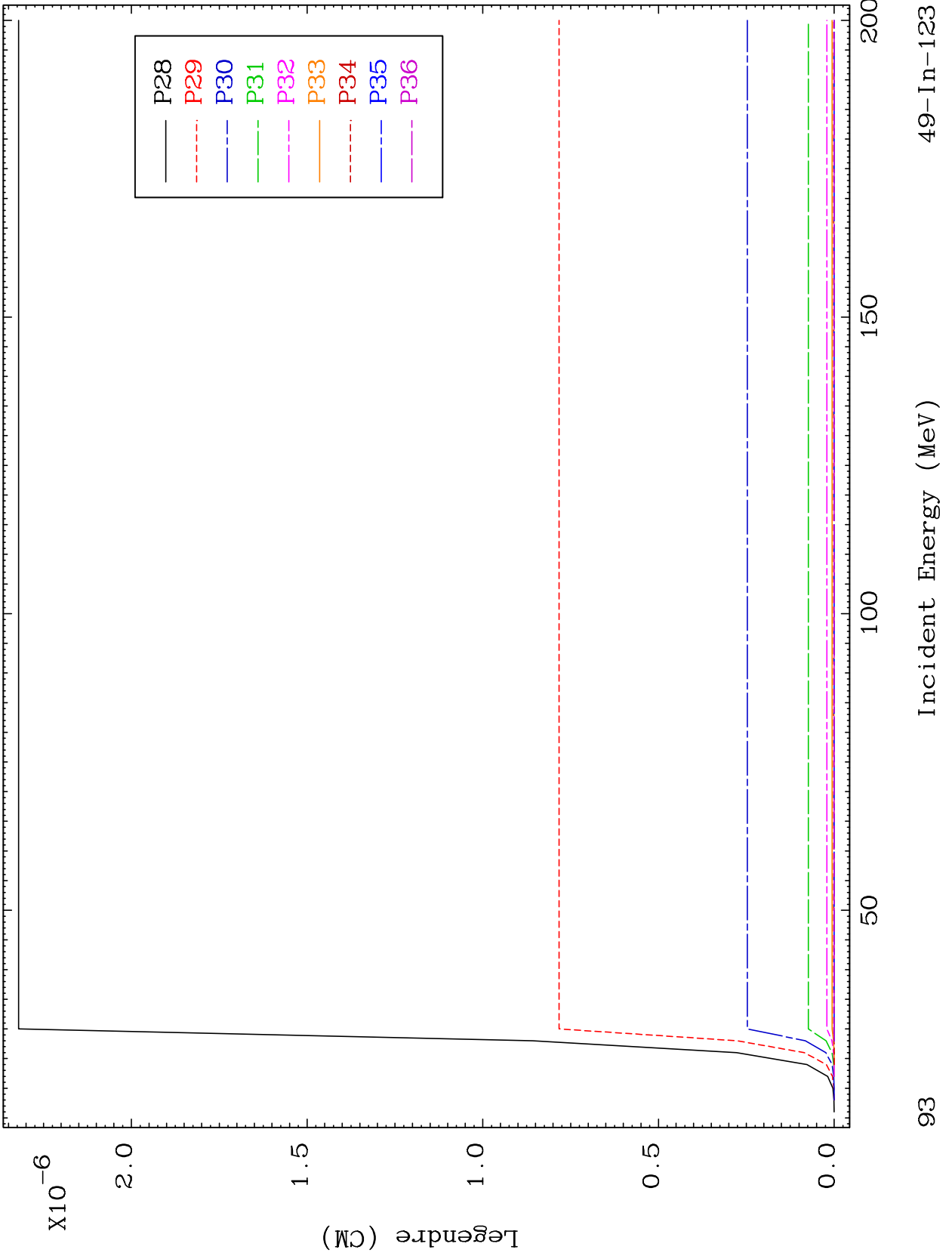
Incident Energy (MeV)

49-In-123

MAT 4955

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

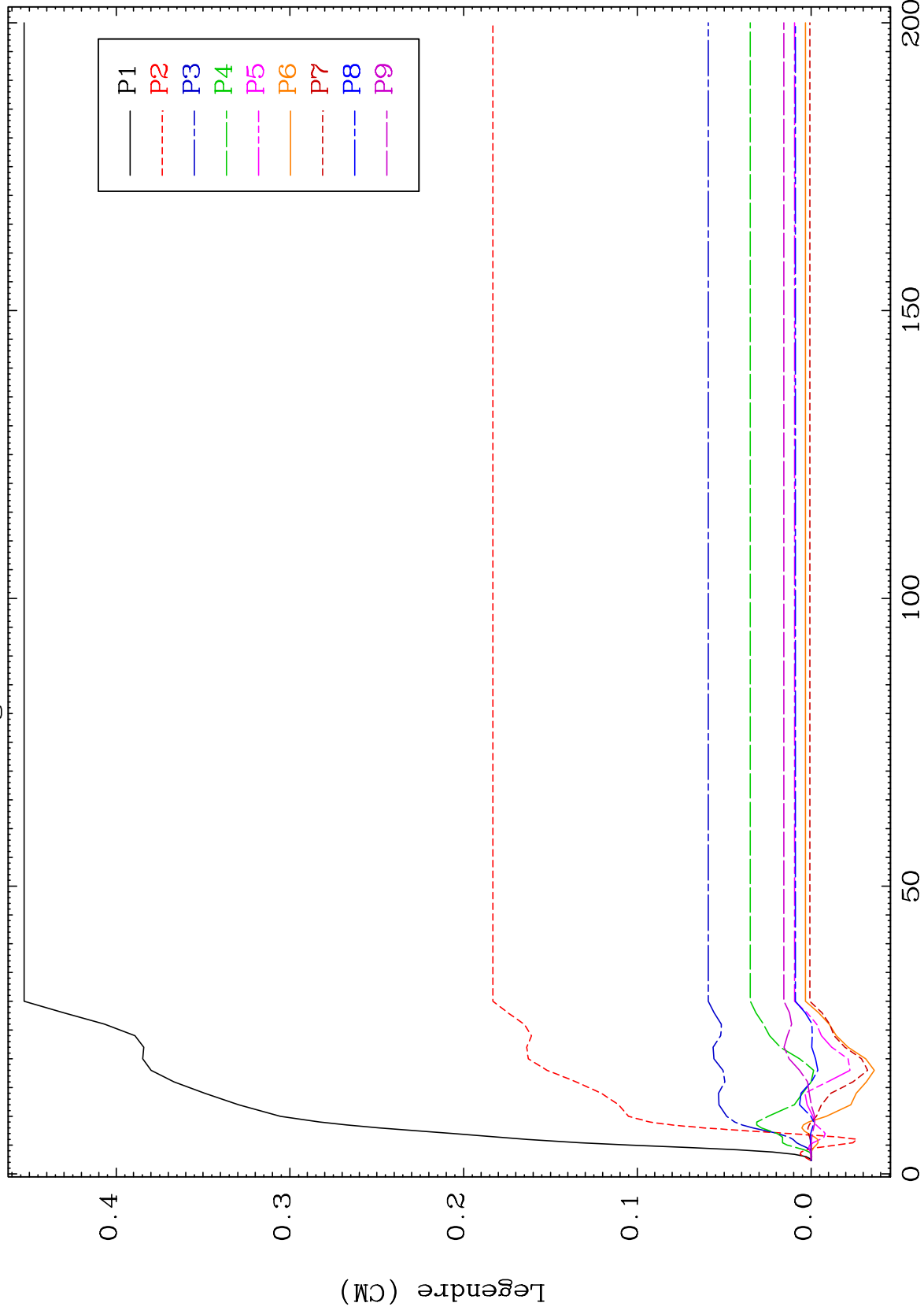
49-In-123



MAT 4955

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

49-In-123



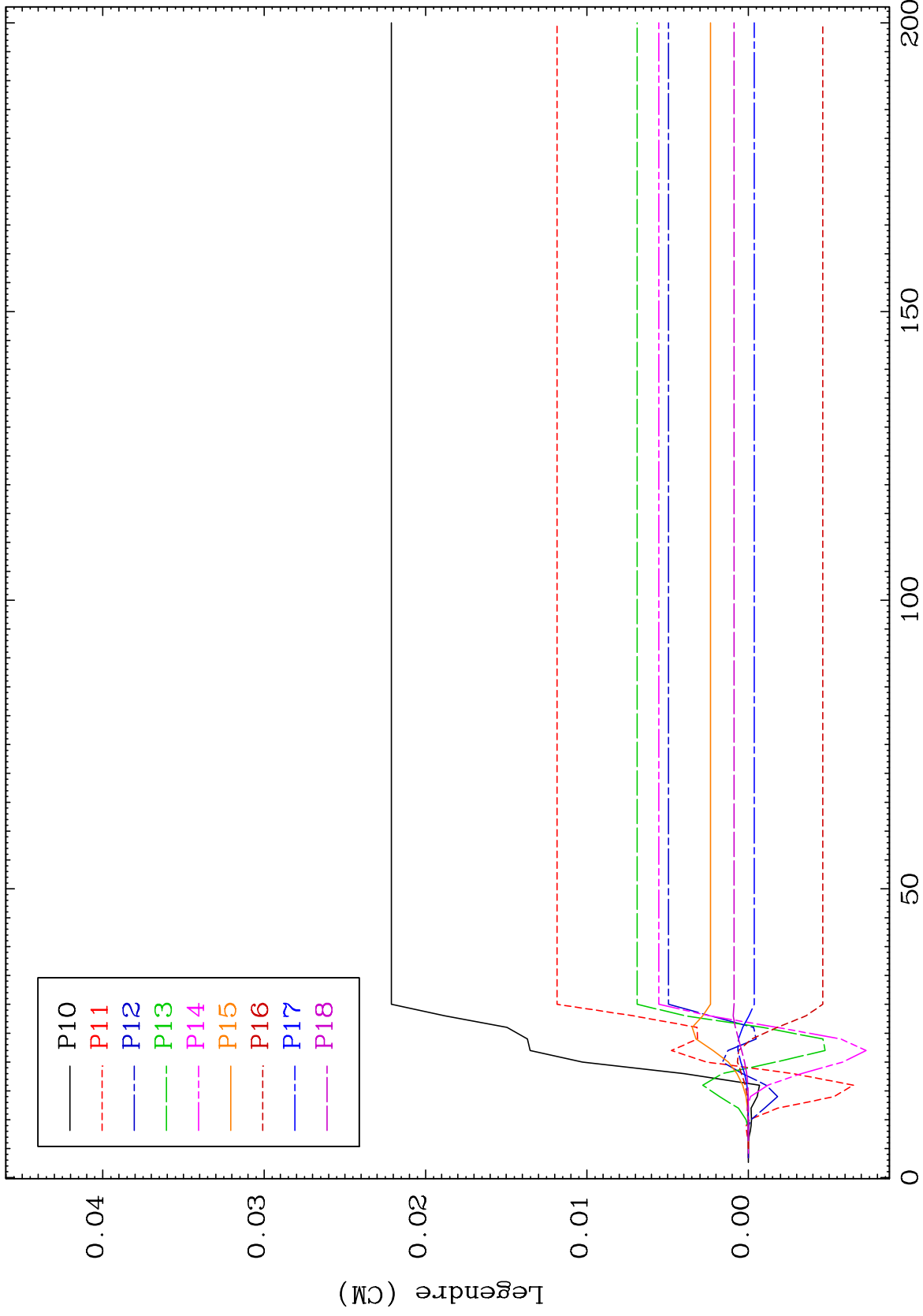
94

49-In-123

MAT 4955

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

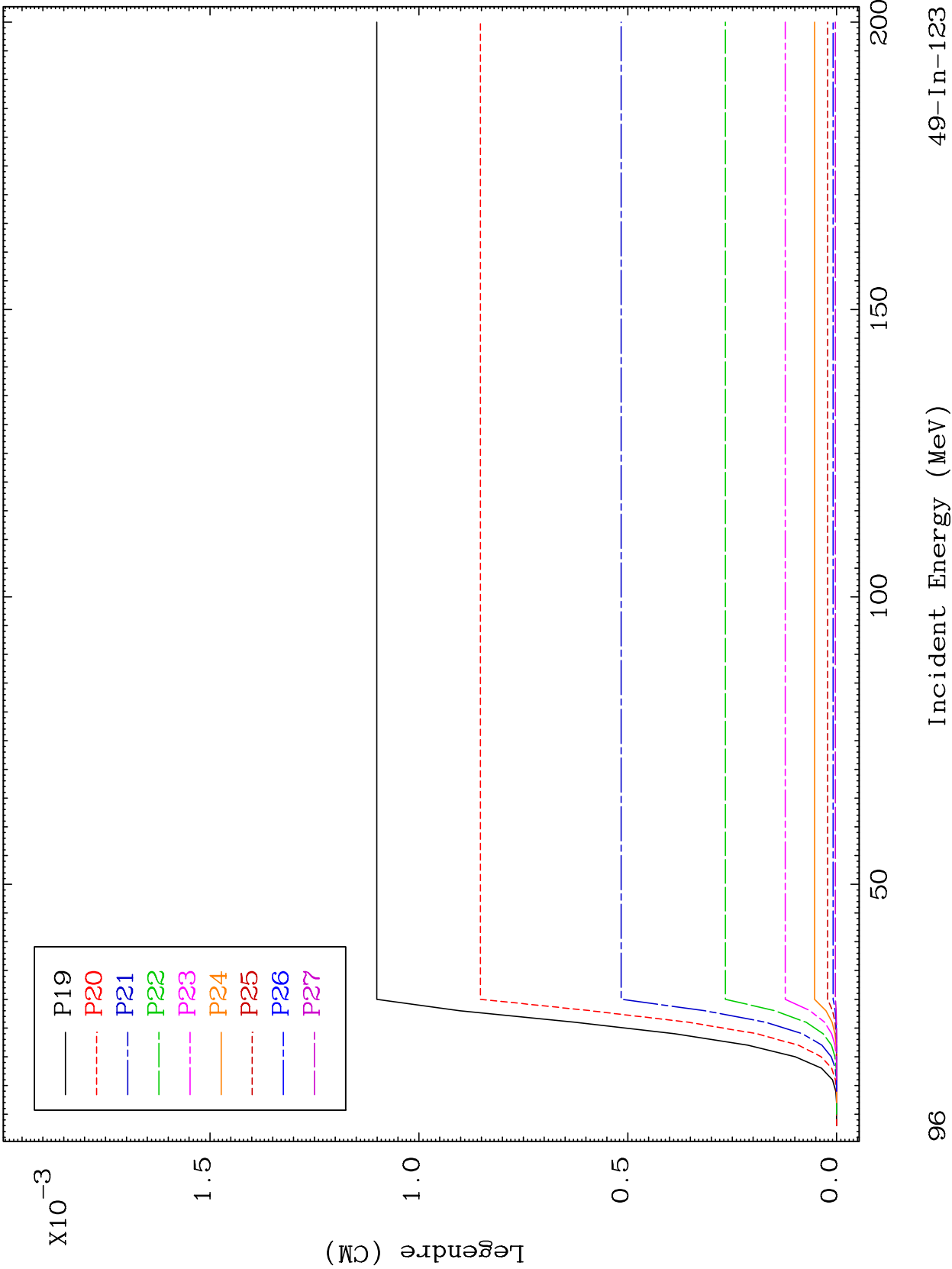
49-In-123



95

Incident Energy (MeV)

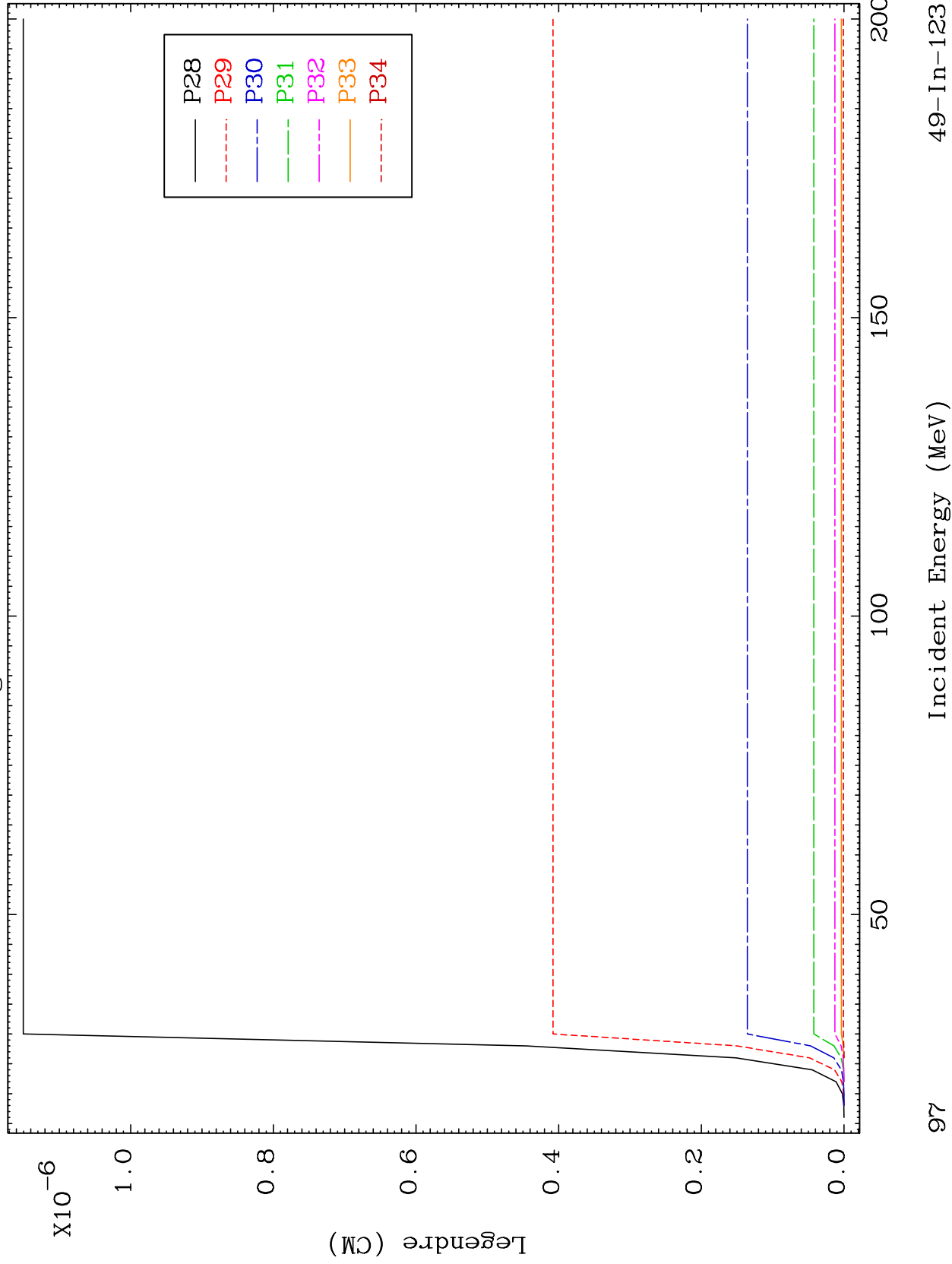
49-In-123



MAT 4955

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

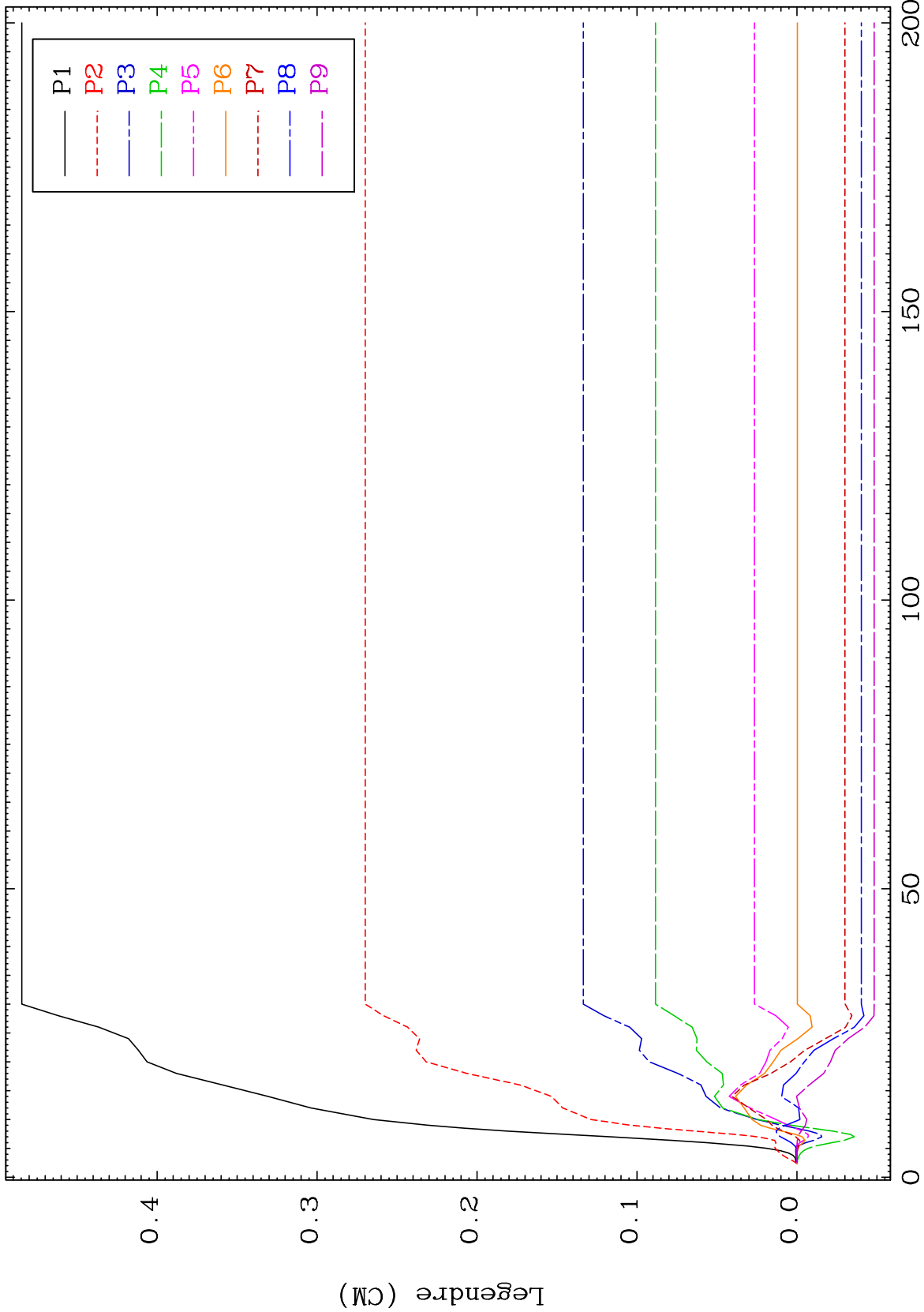
49-In-123



MAT 4955

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

49-In-123



98

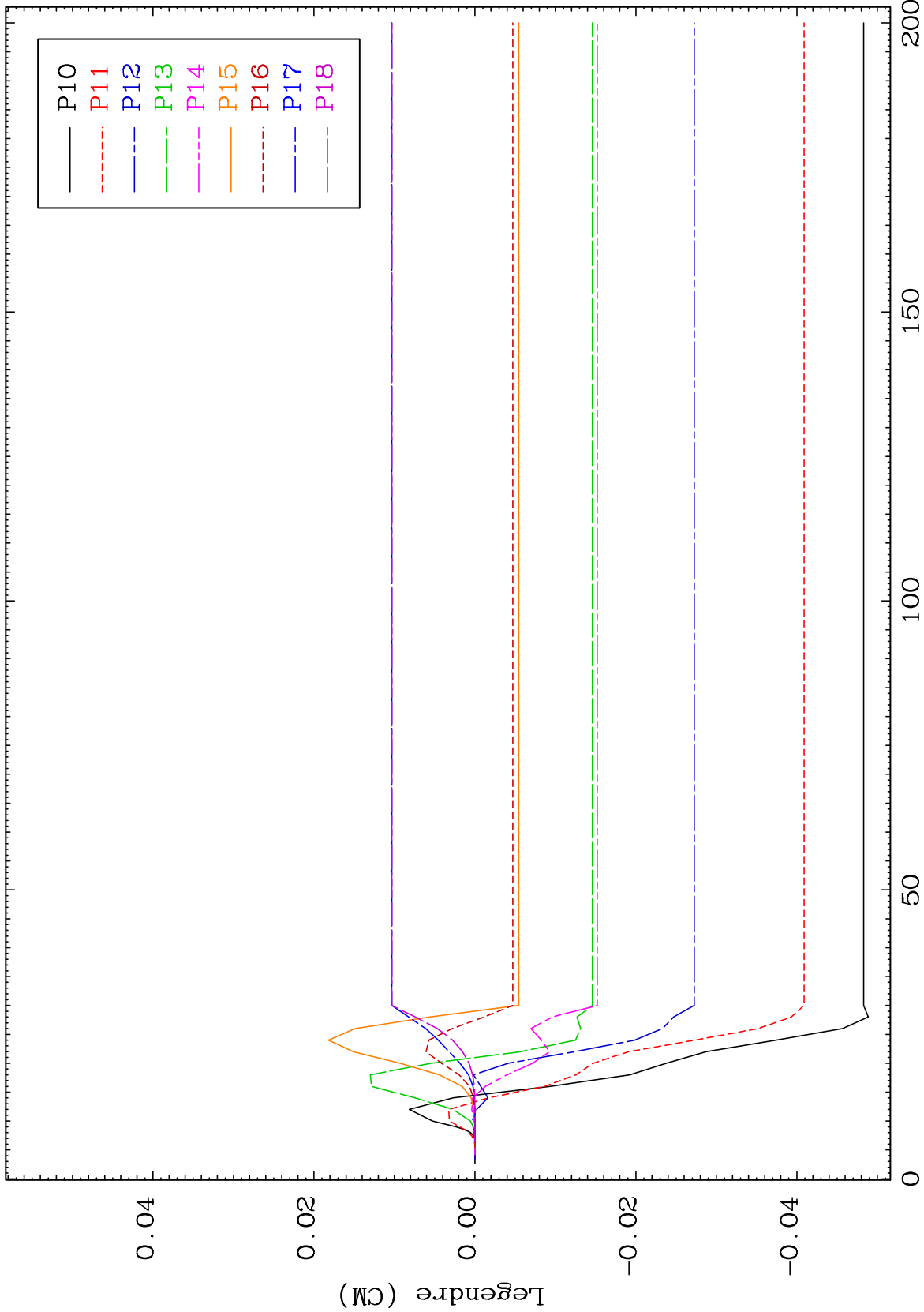
49-In-123

49-In-123

MAT 4955

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

49-In-123



99

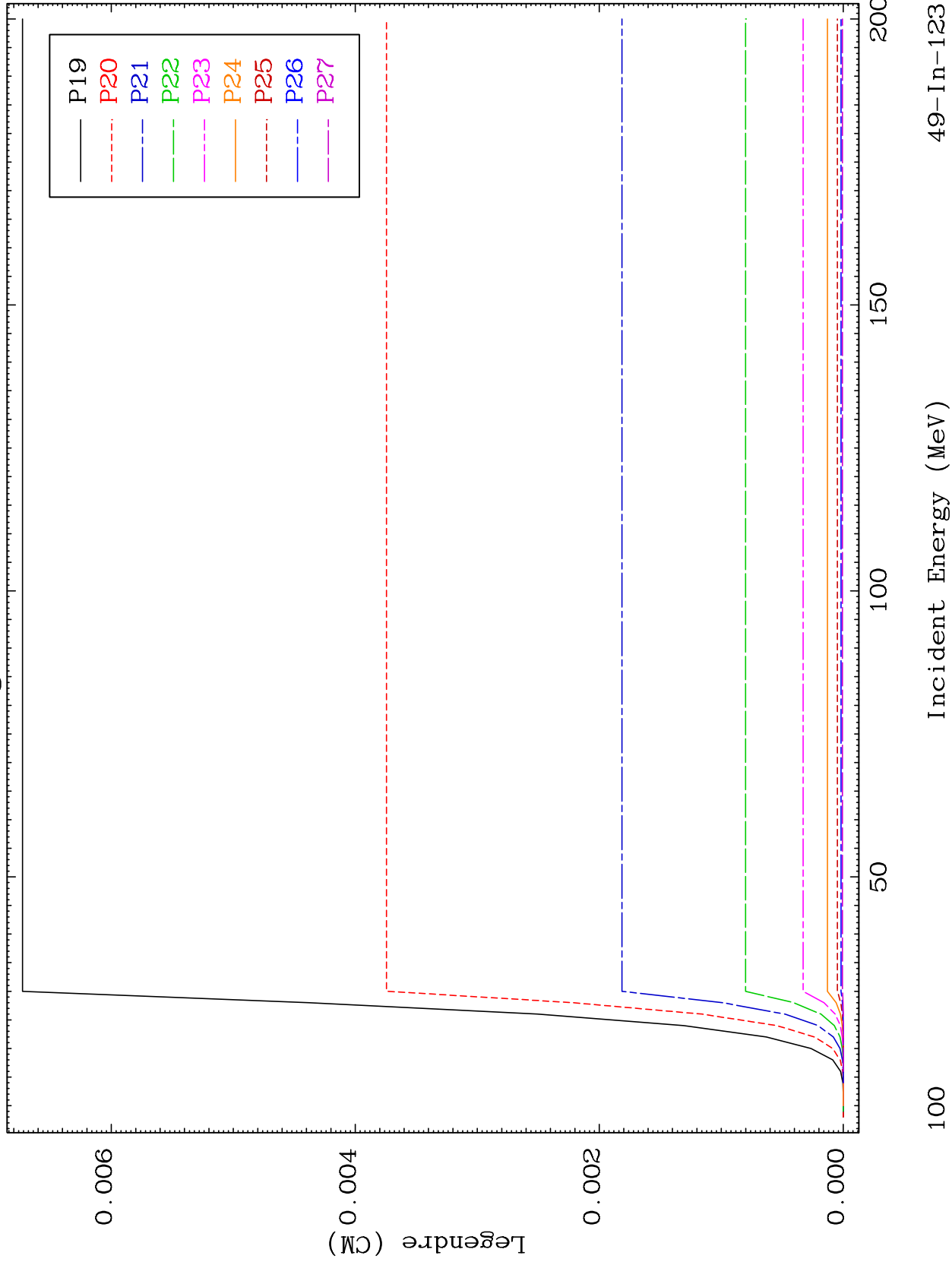
Incident Energy (MeV)

49-In-123

MAT 4955

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

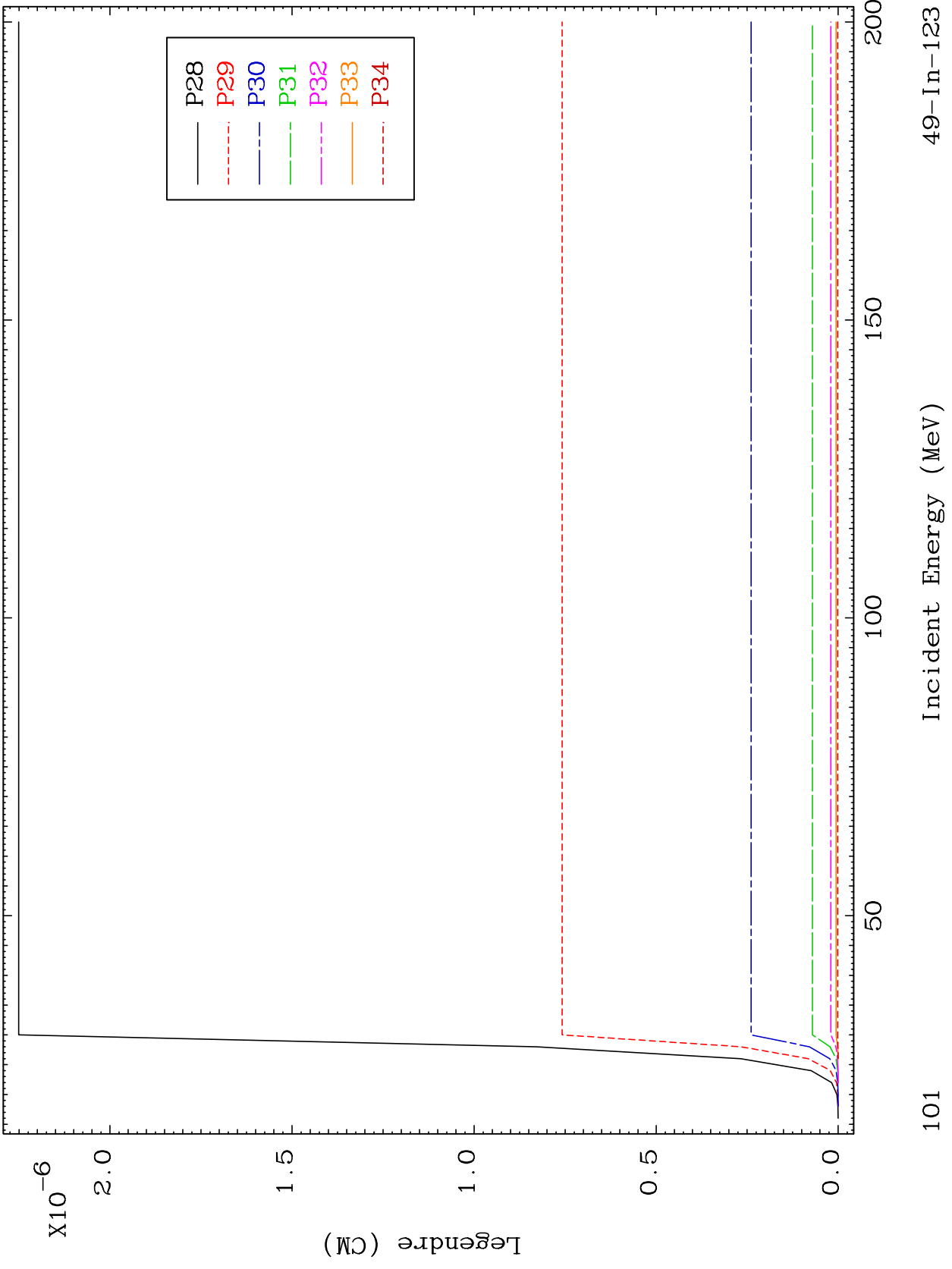
49-In-123



MAT 4955

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

49-In-123



101

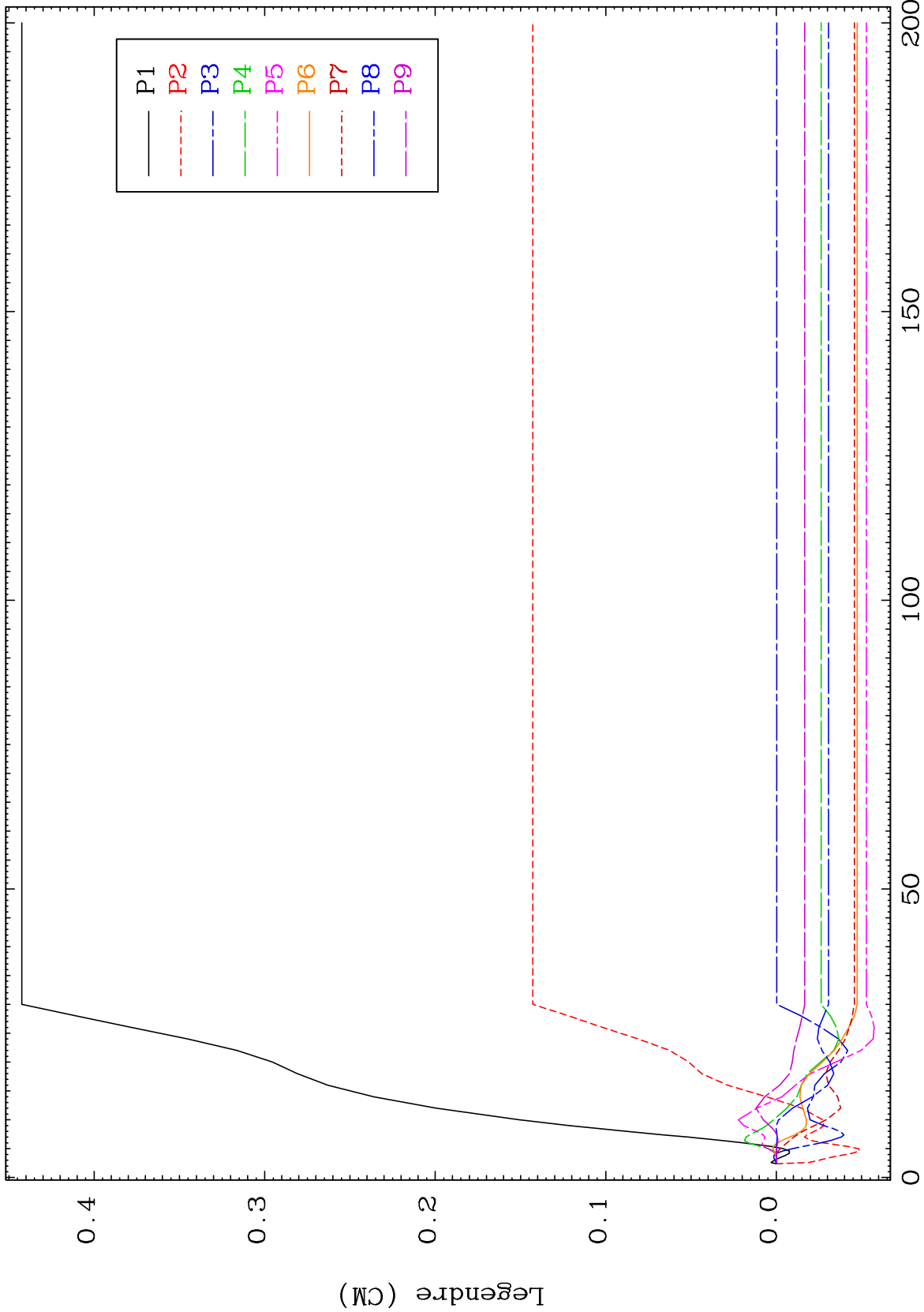
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



102

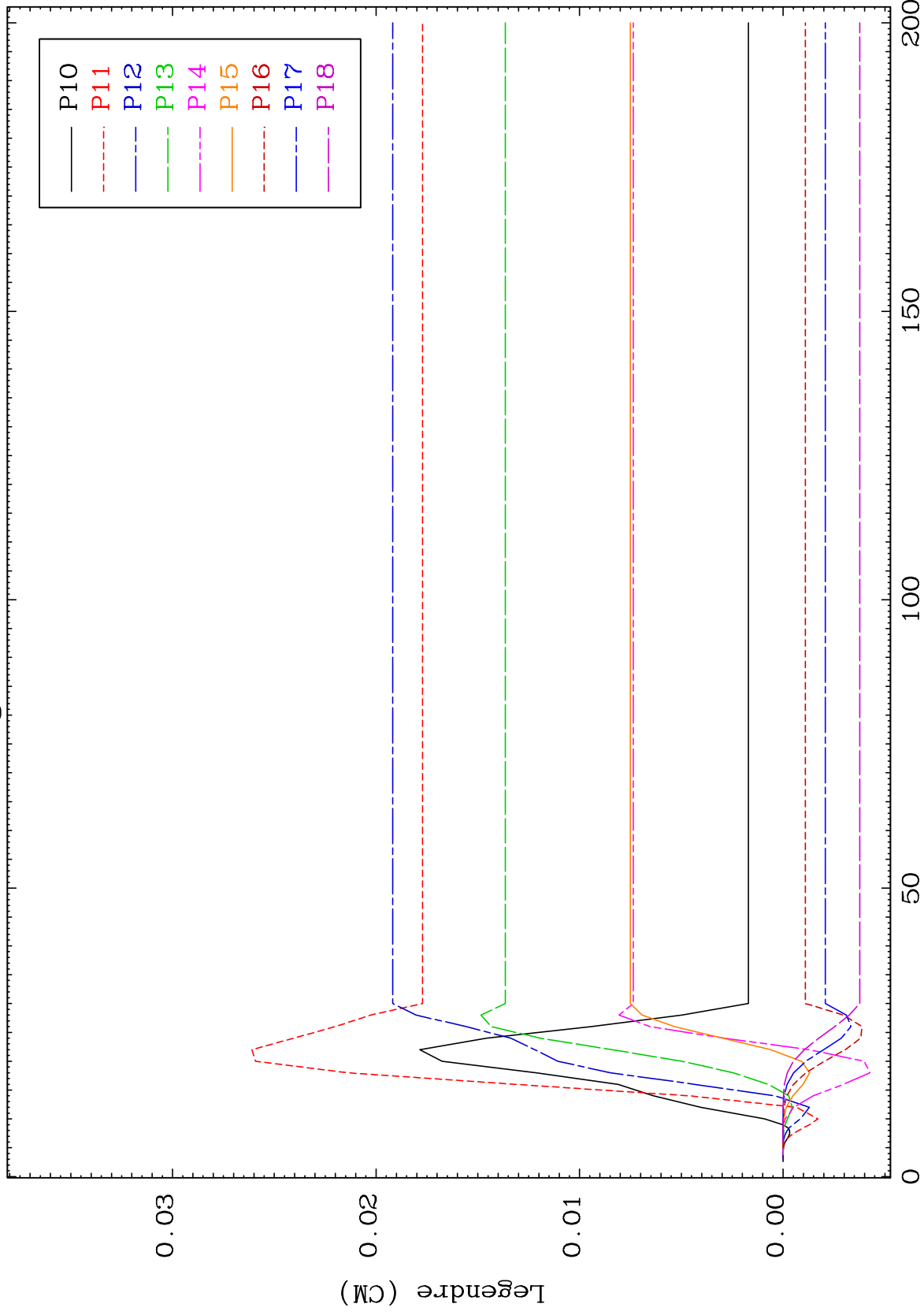
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



103

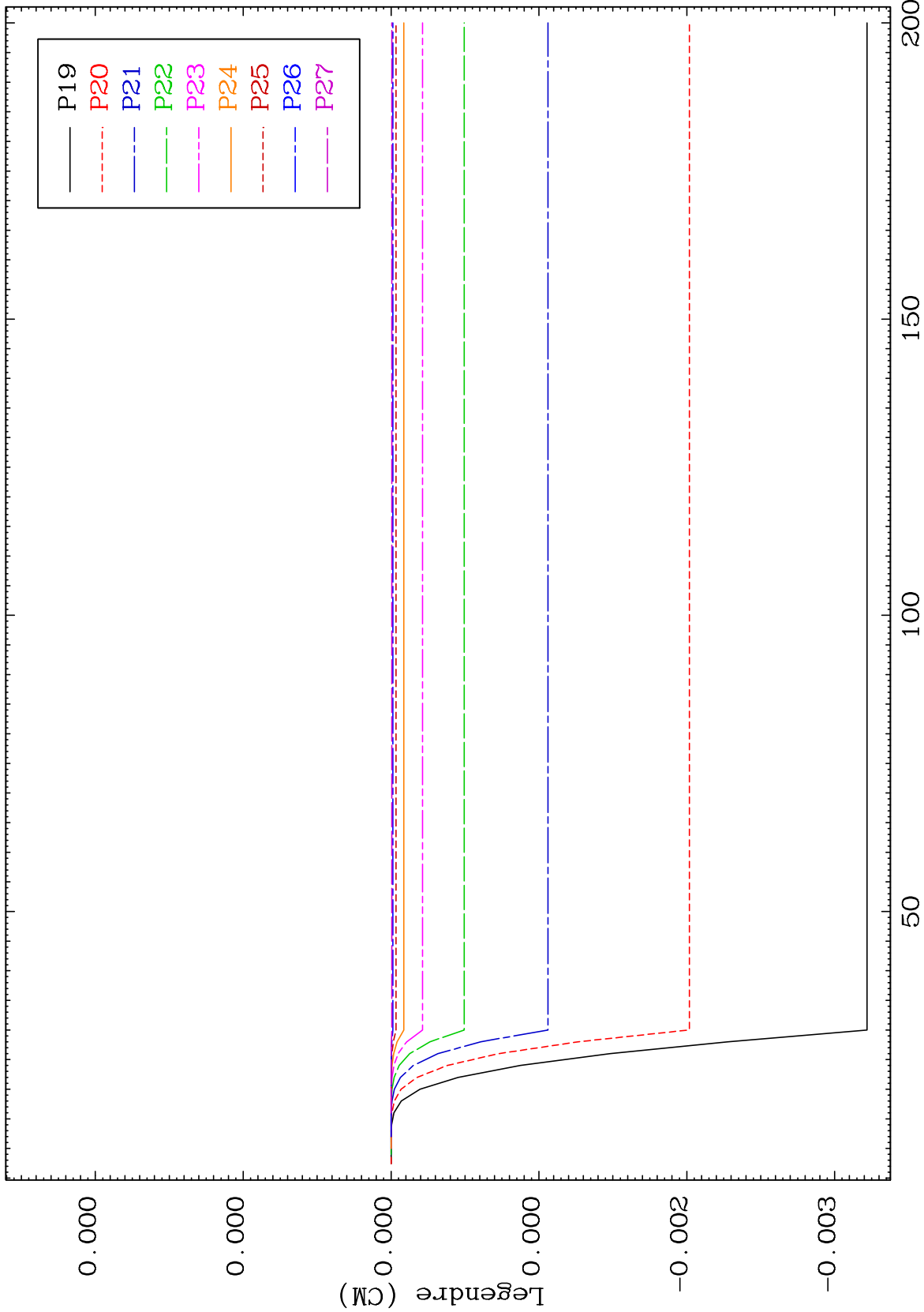
Incident Energy (MeV)

49-In-123

MAT 4955

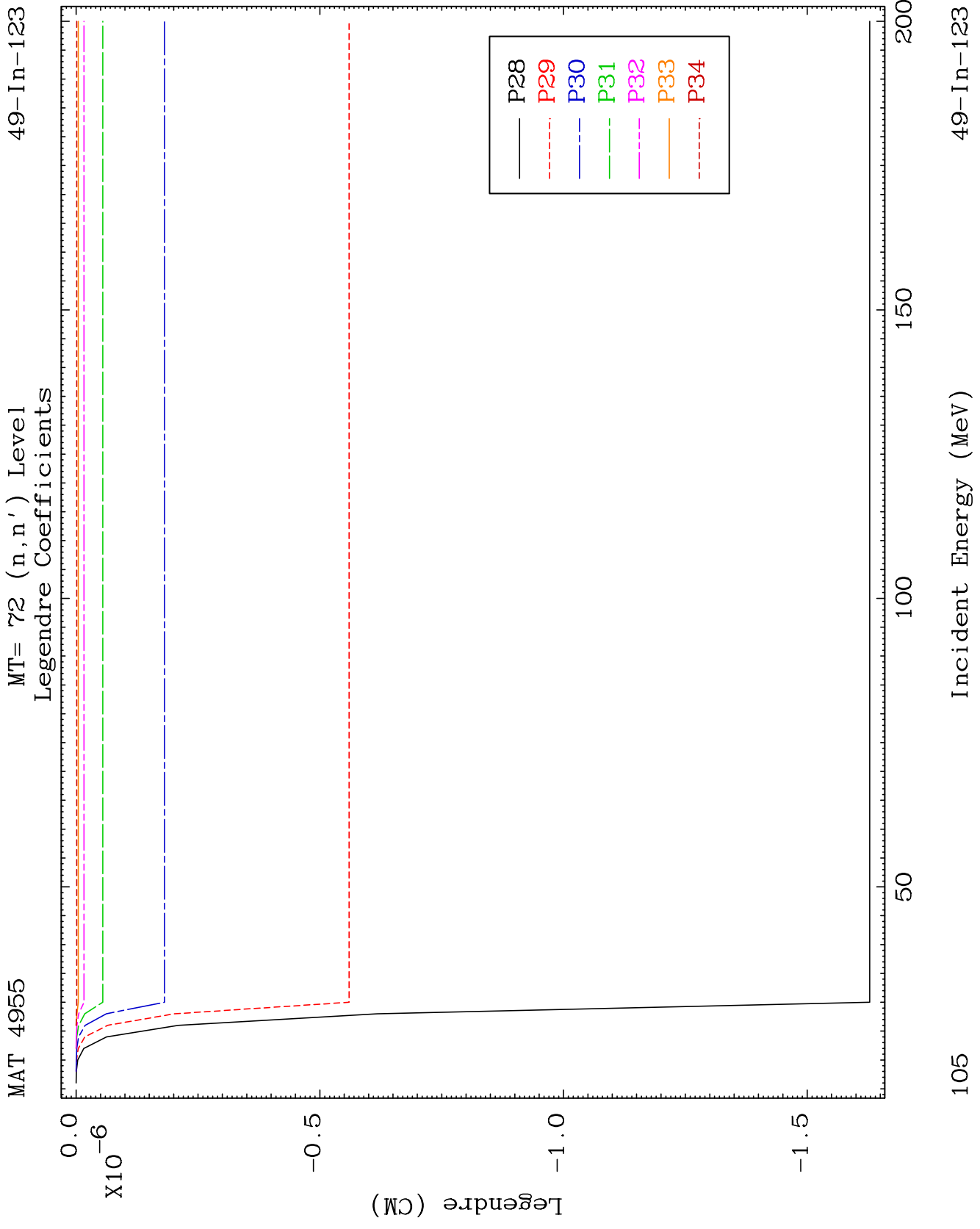
MT= 72 (n,n') Level
Legendre Coefficients

49-In-123



104

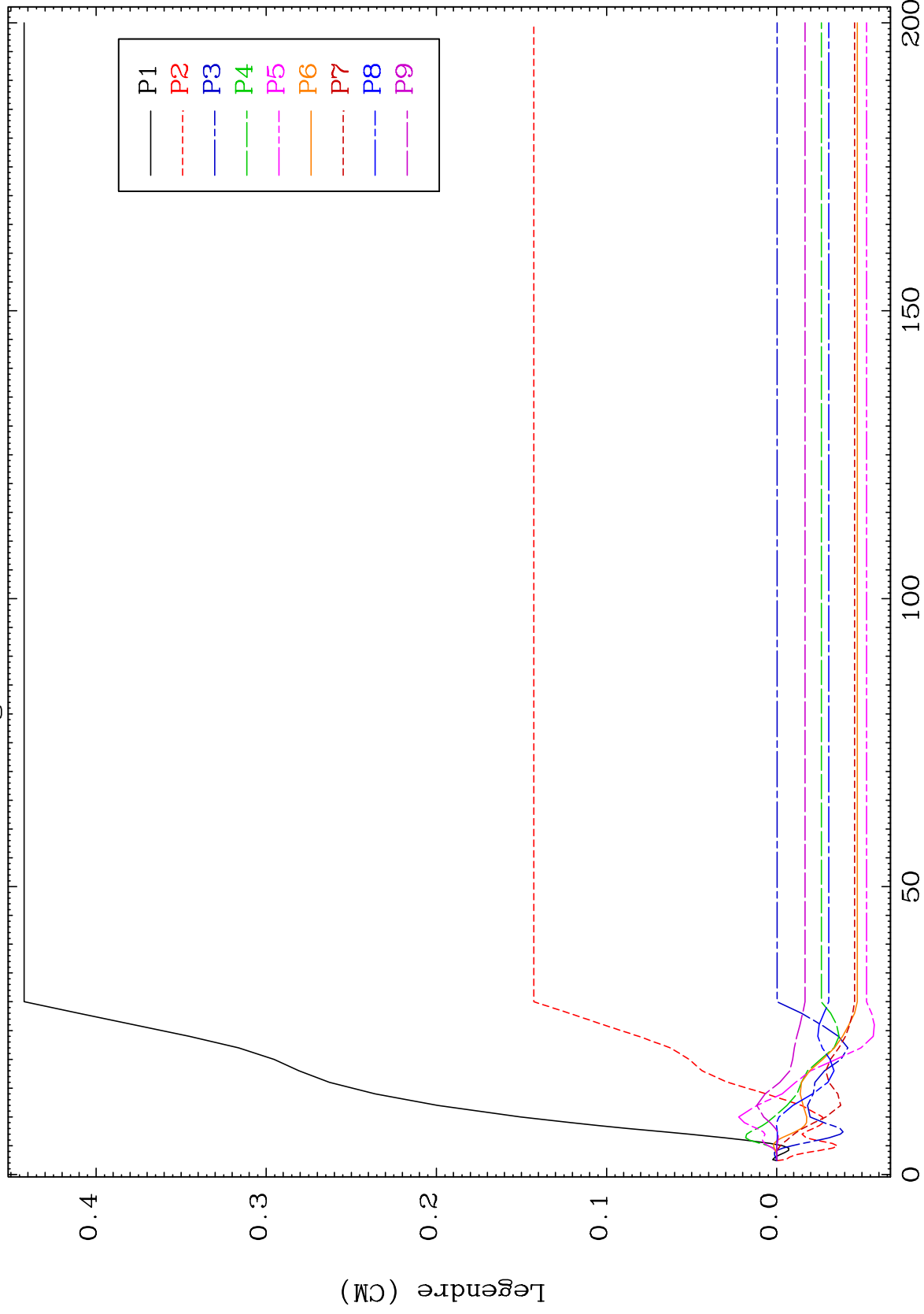
49-In-123



MAT 4955

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

49-In-123



106

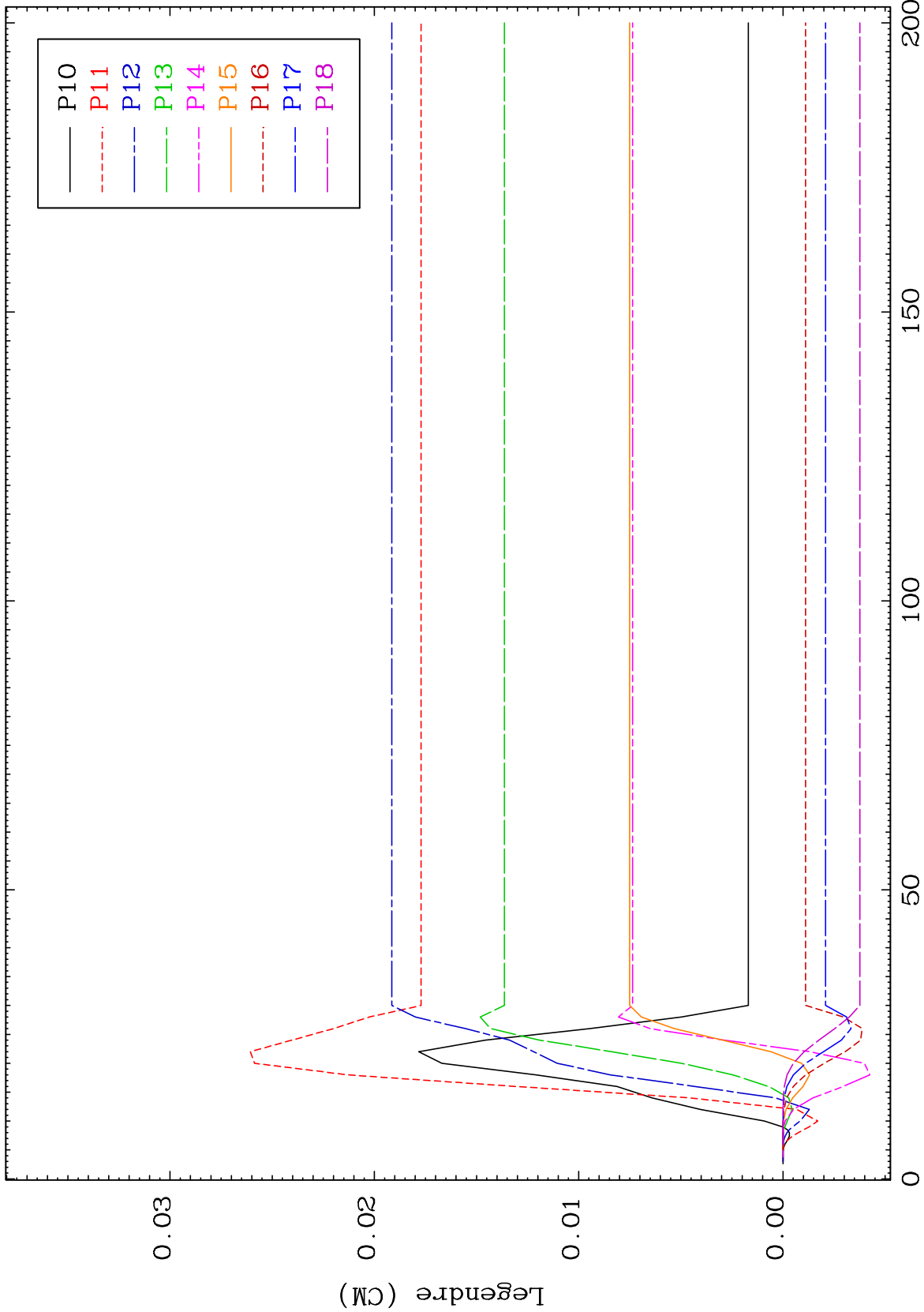
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



107

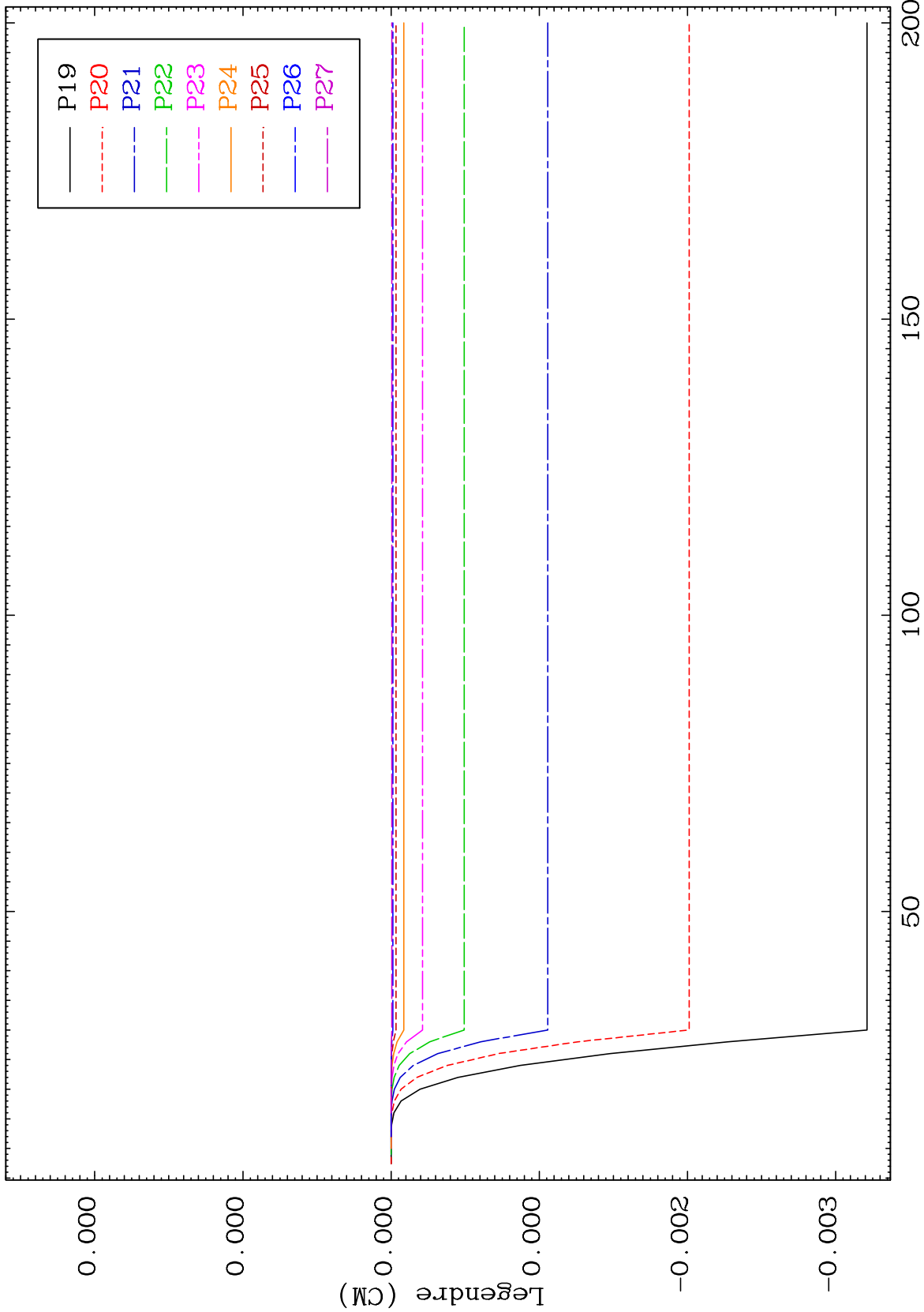
Incident Energy (MeV)

49-In-123

MAT 4955

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

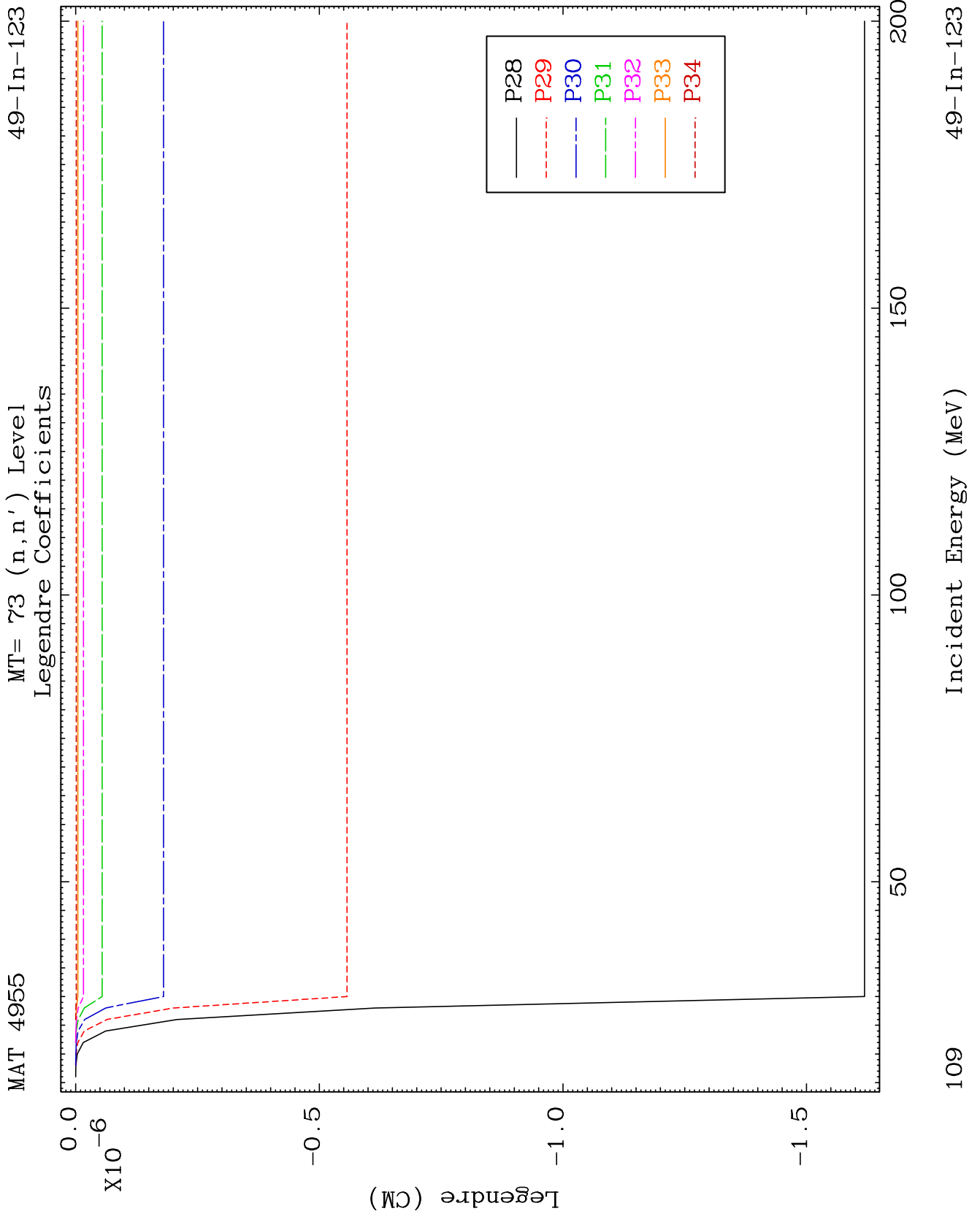
49-In-123



108

Incident Energy (MeV)

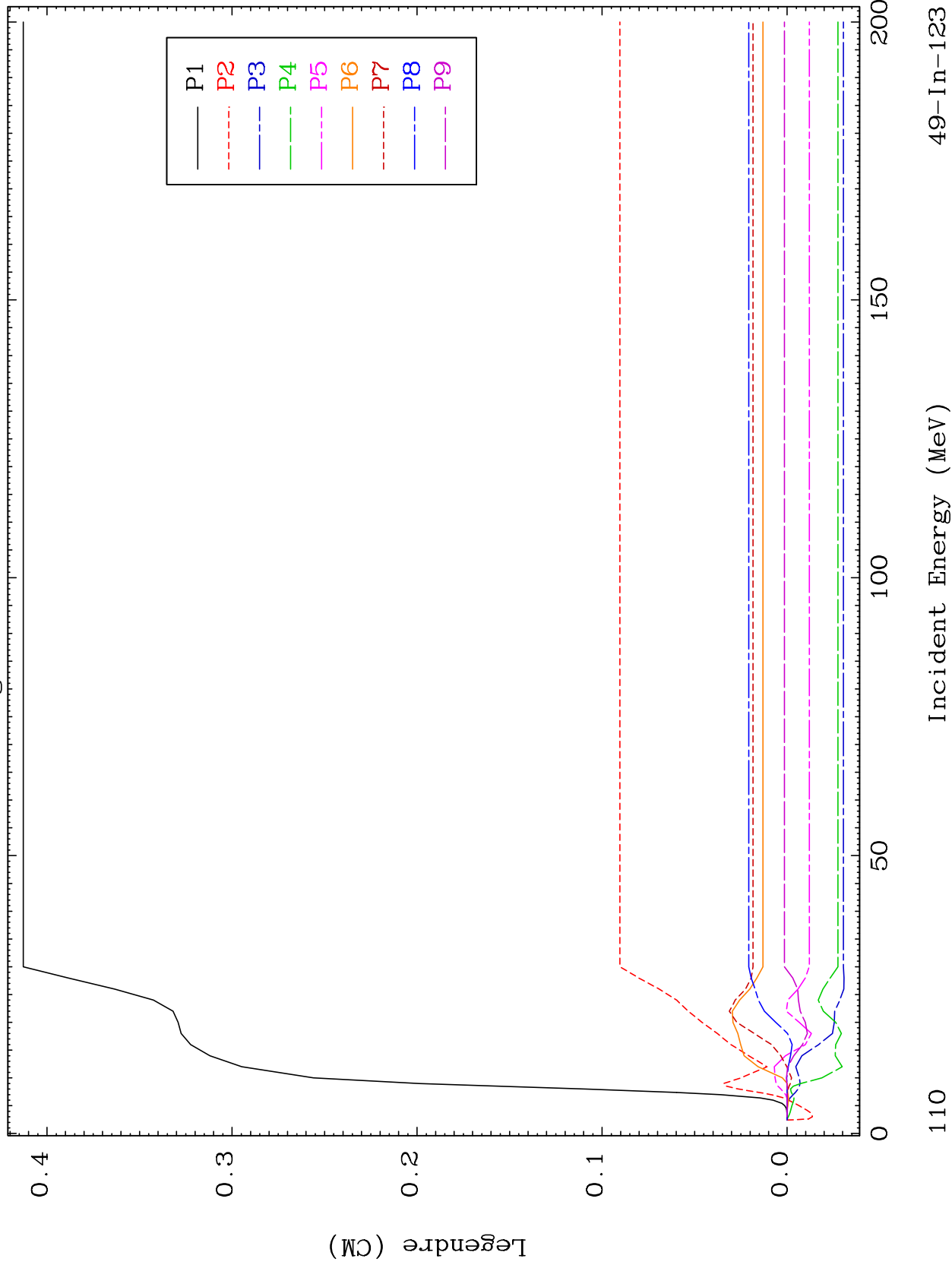
49-In-123



MAT 4955

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

49-In-123



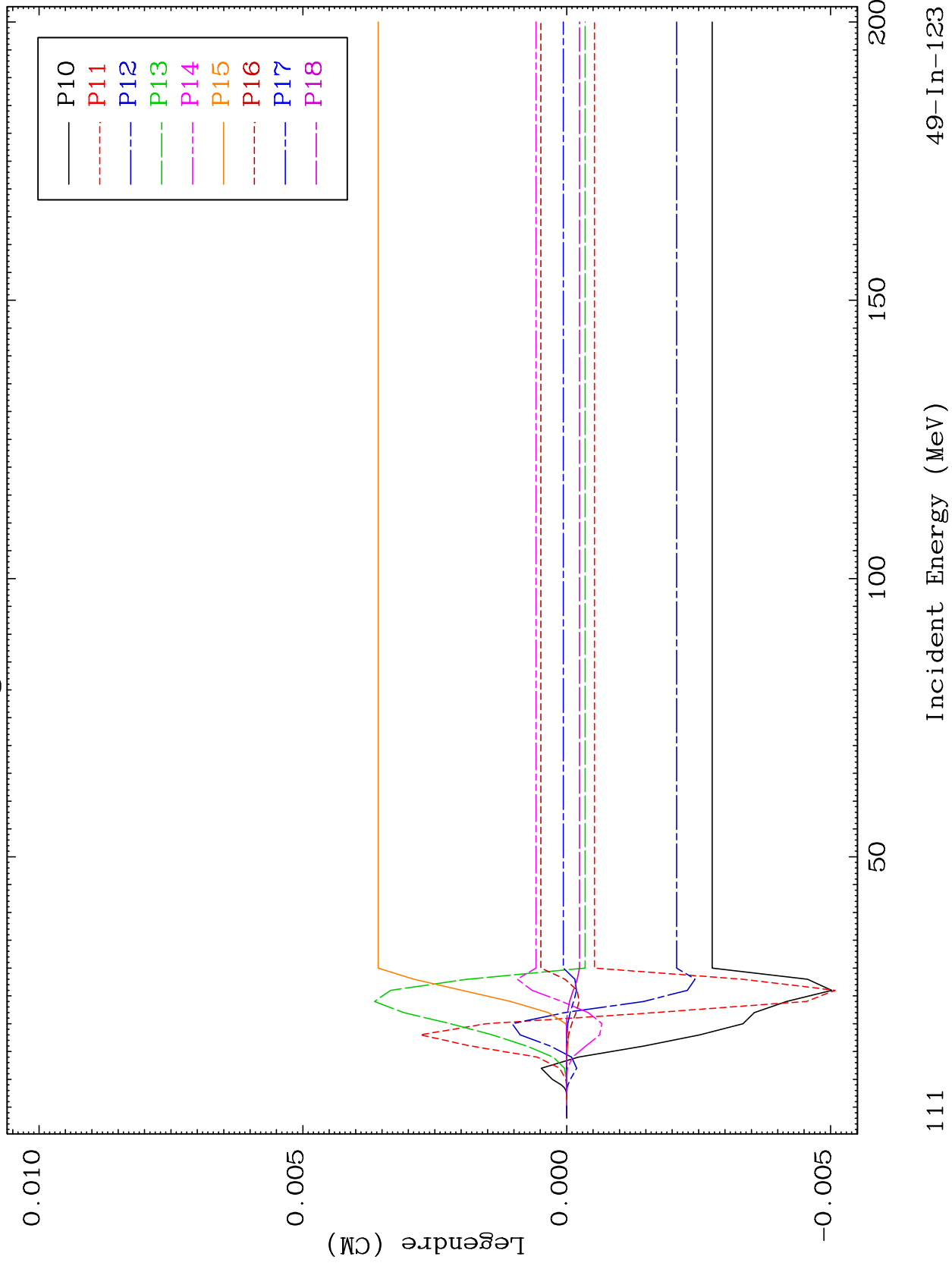
110

49-In-123

MAT 4955

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

49-In-123

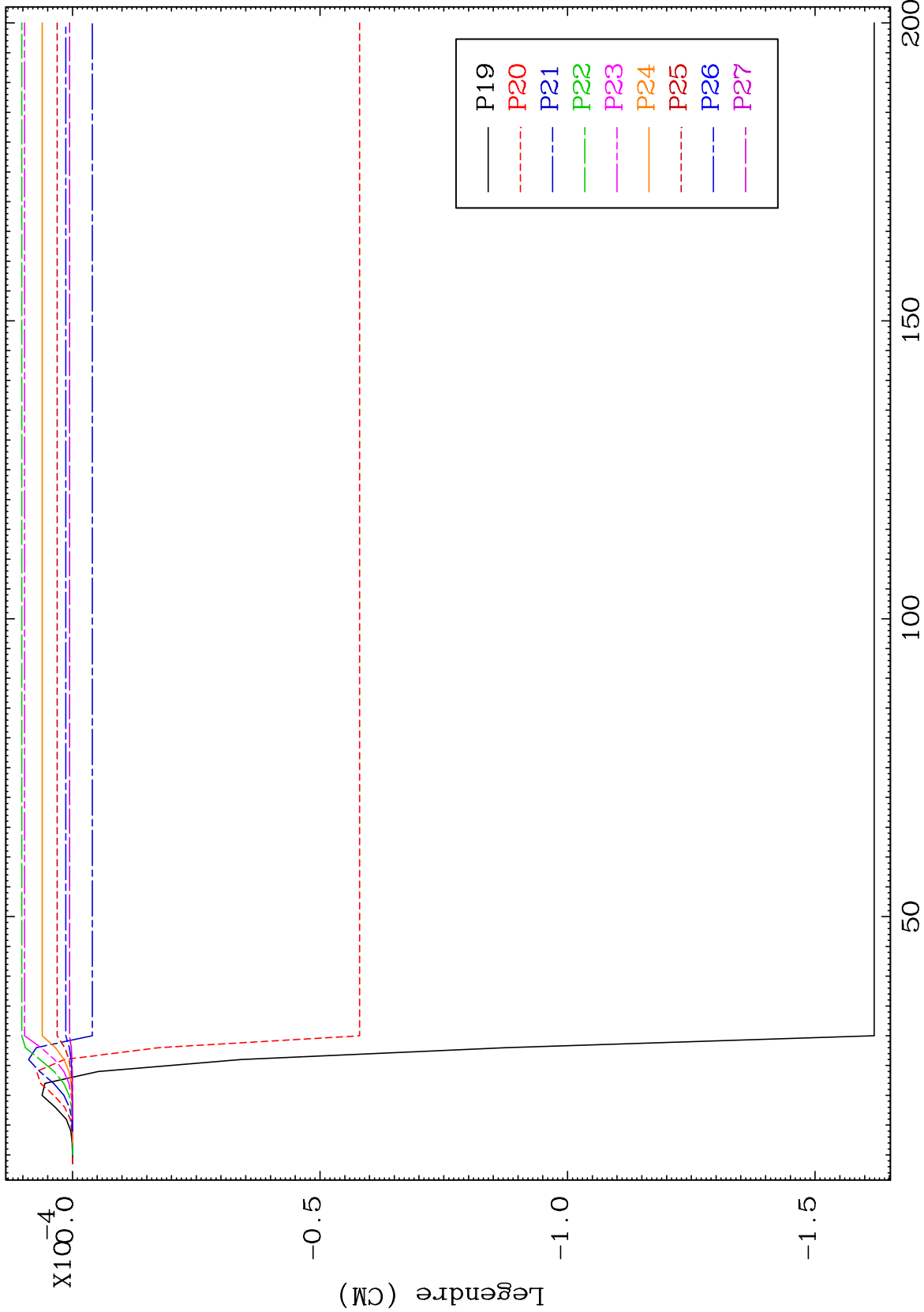


MAT 4955

MT= 74 (n,n') Level

49-In-123

Legendre Coefficients



112

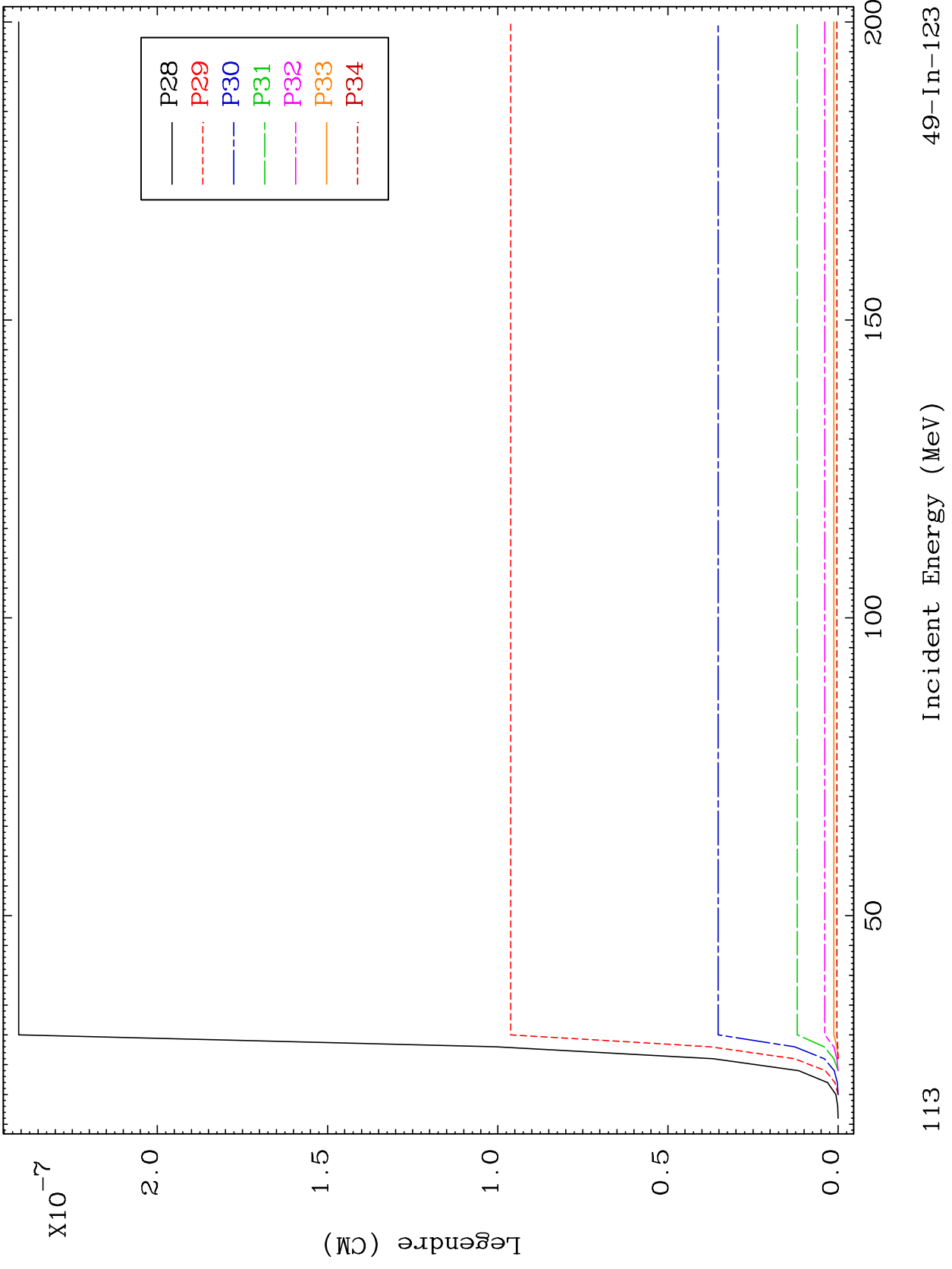
Incident Energy (MeV)

49-In-123

MAT 4955

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

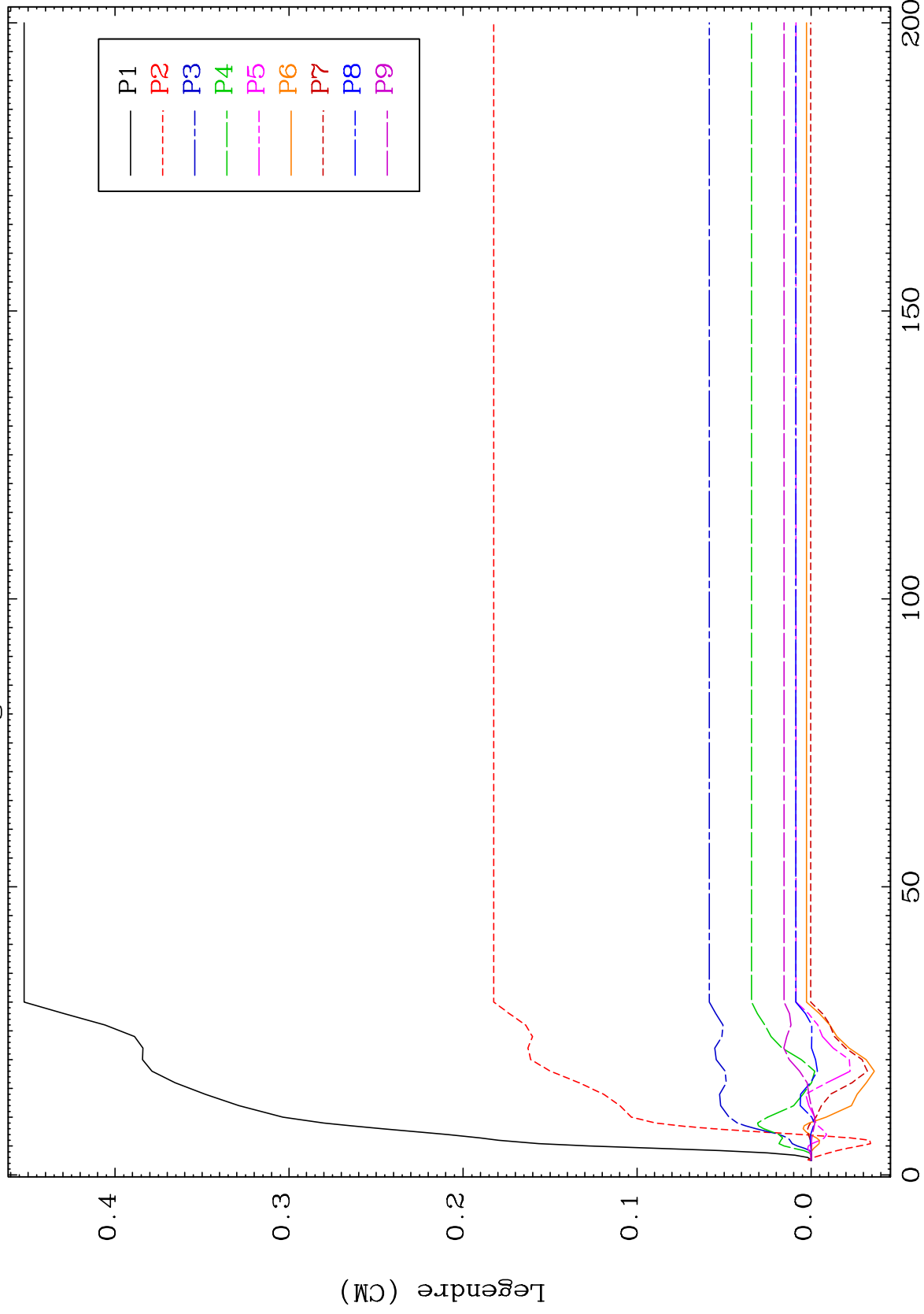
49-In-123



MAT 4955

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

49-In-123



114

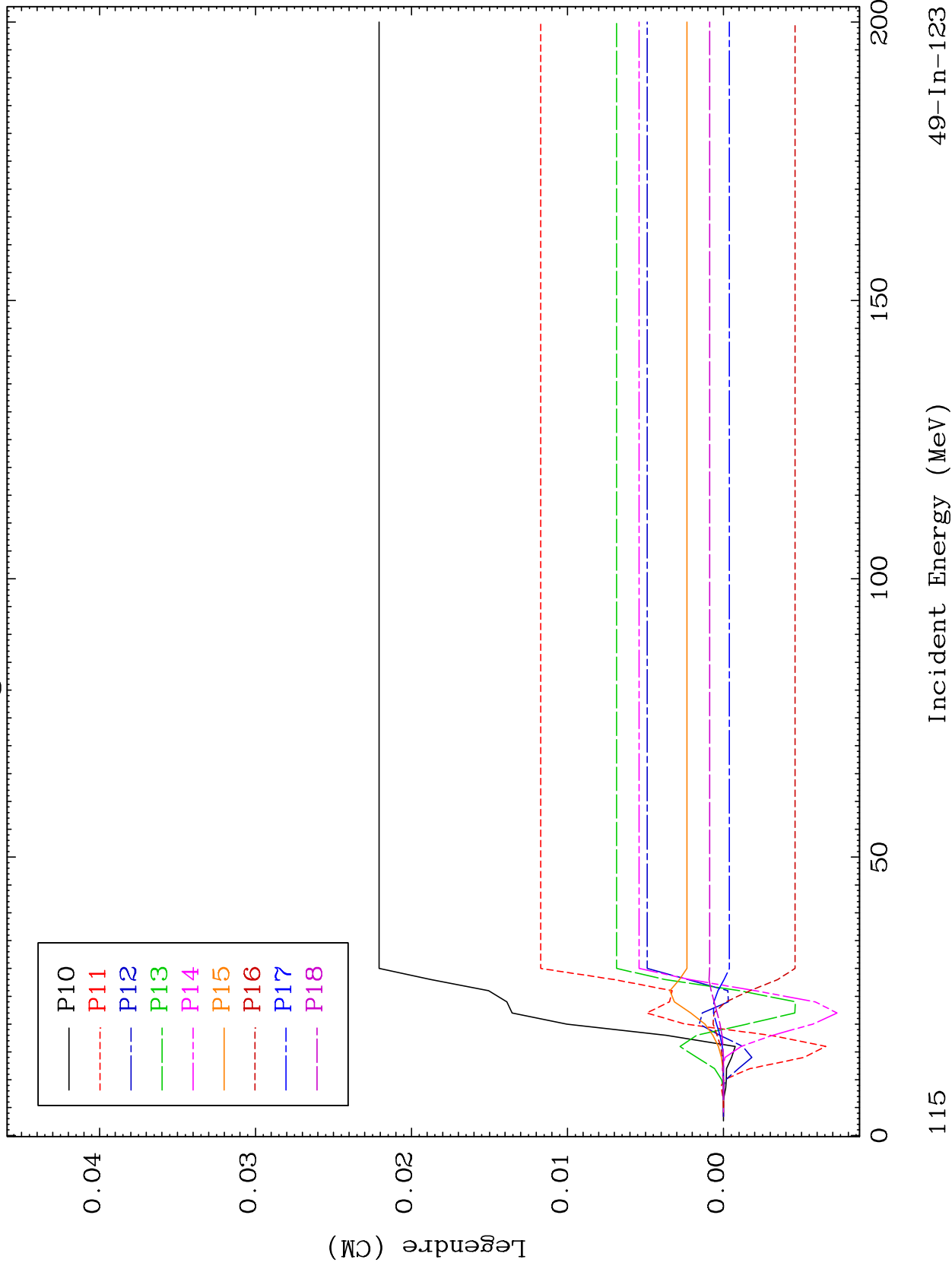
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



115

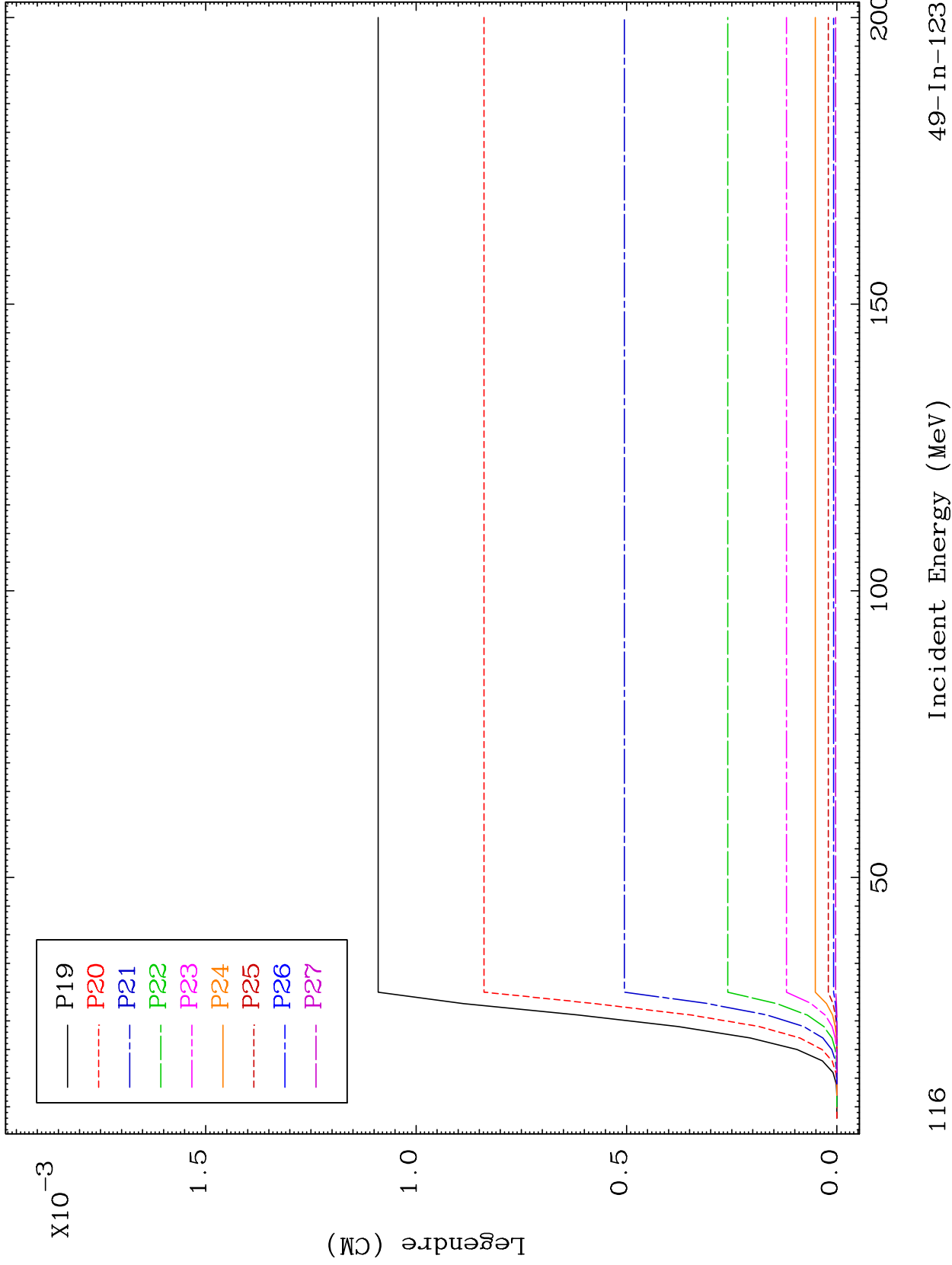
Incident Energy (MeV)

49-In-123

MAT 4955

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

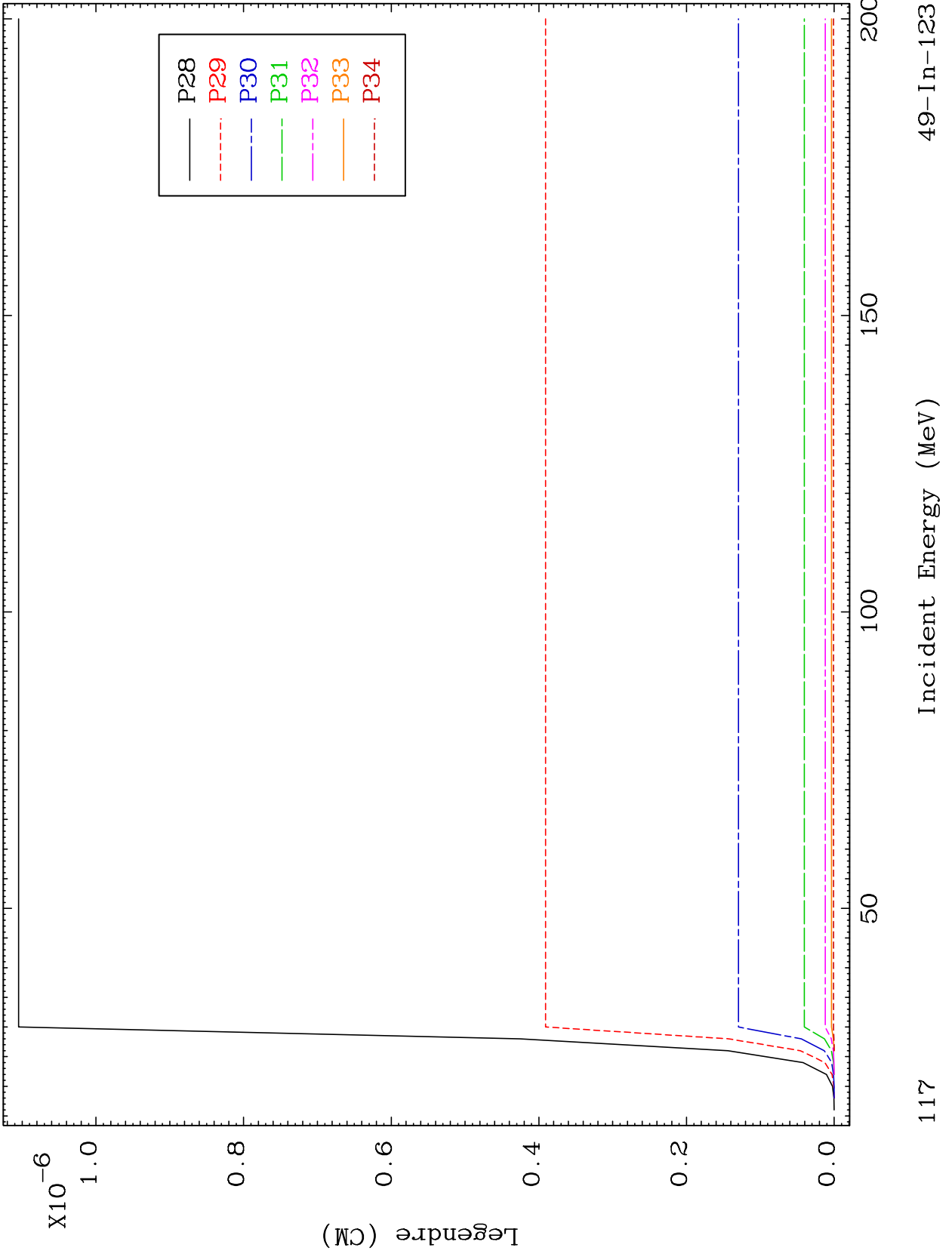
49-In-123



MAT 4955

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

49-In-123



117

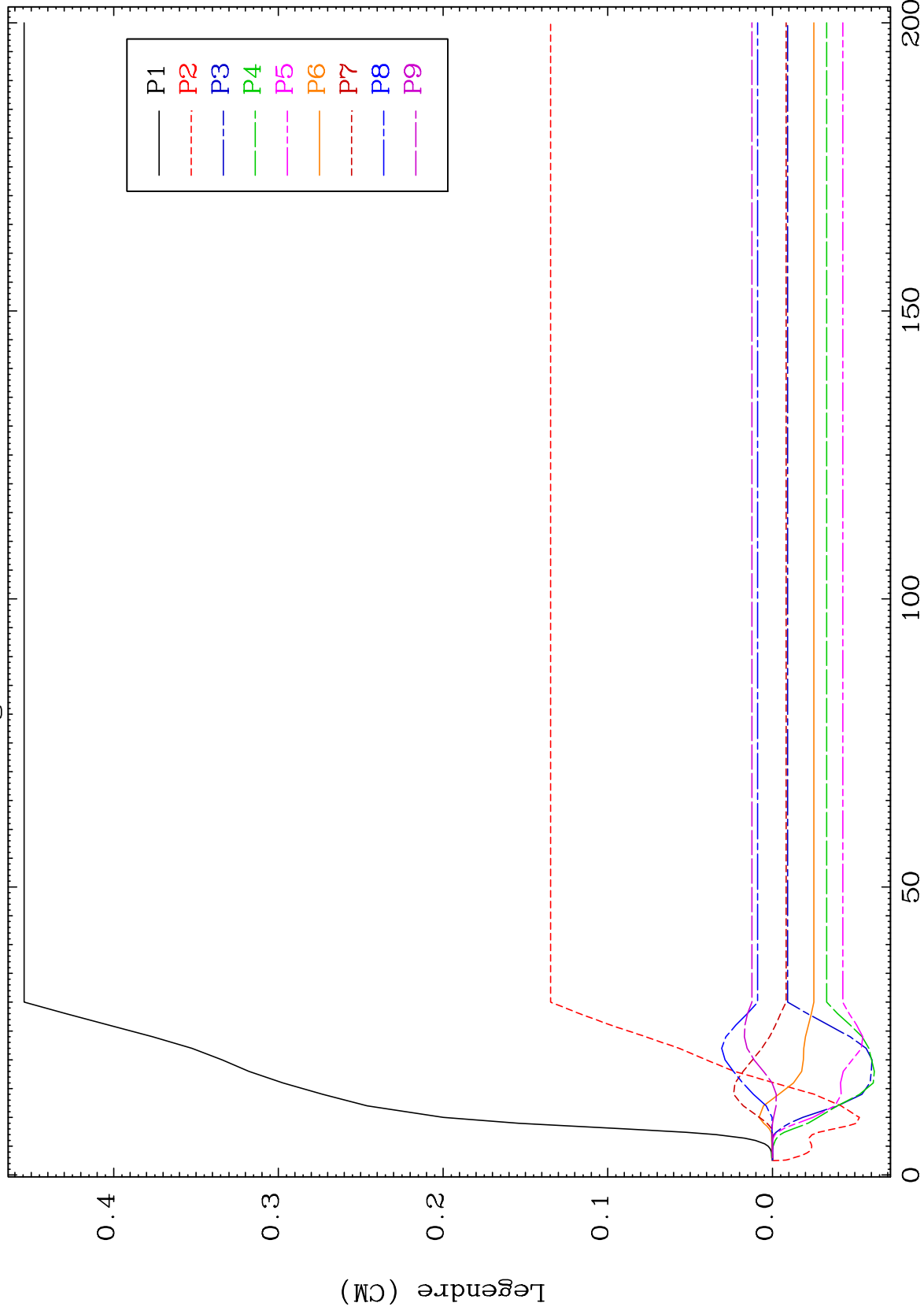
Incident Energy (MeV)

49-In-123

MAT 4955

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

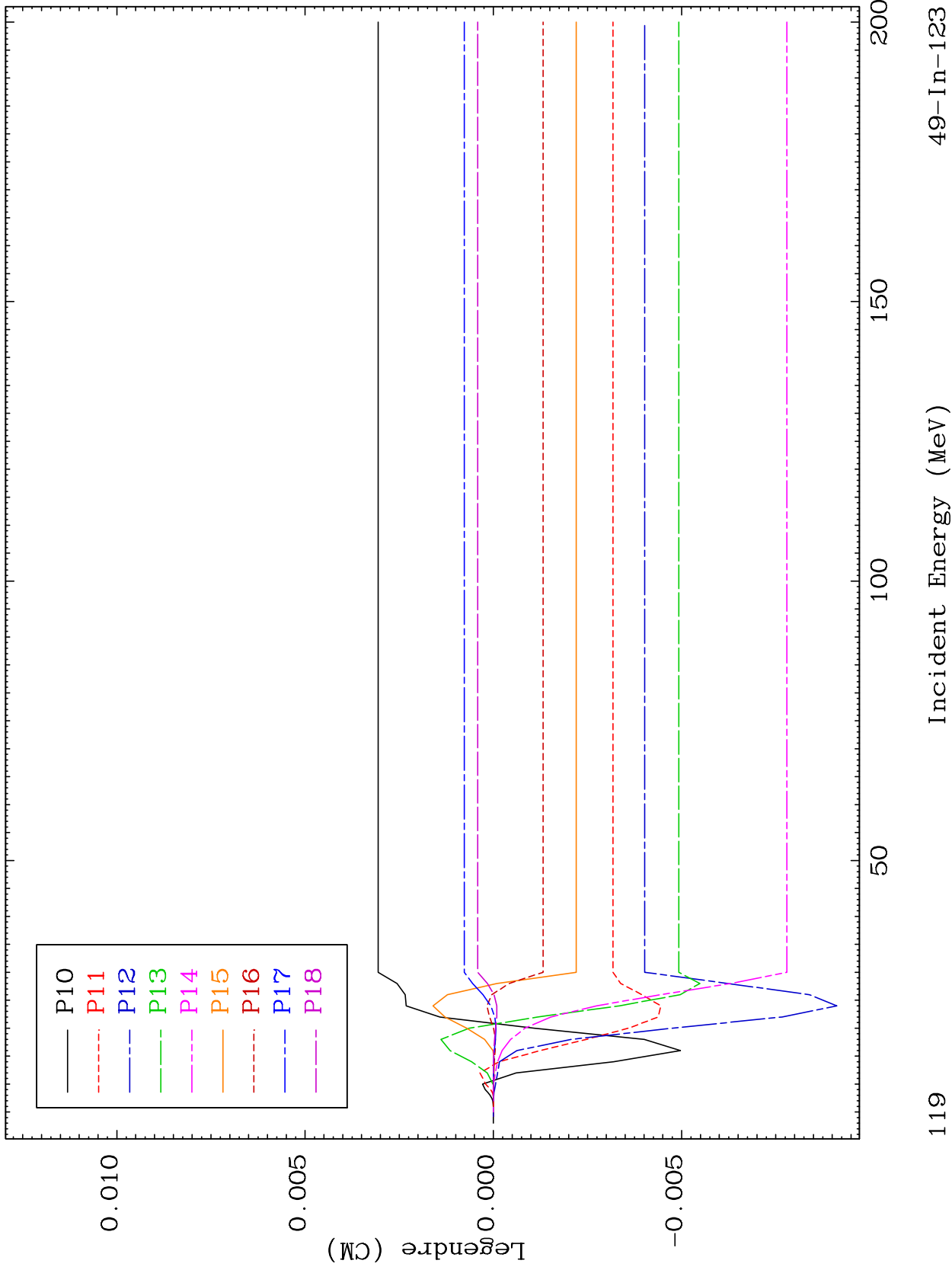
49-In-123



118

Incident Energy (MeV)

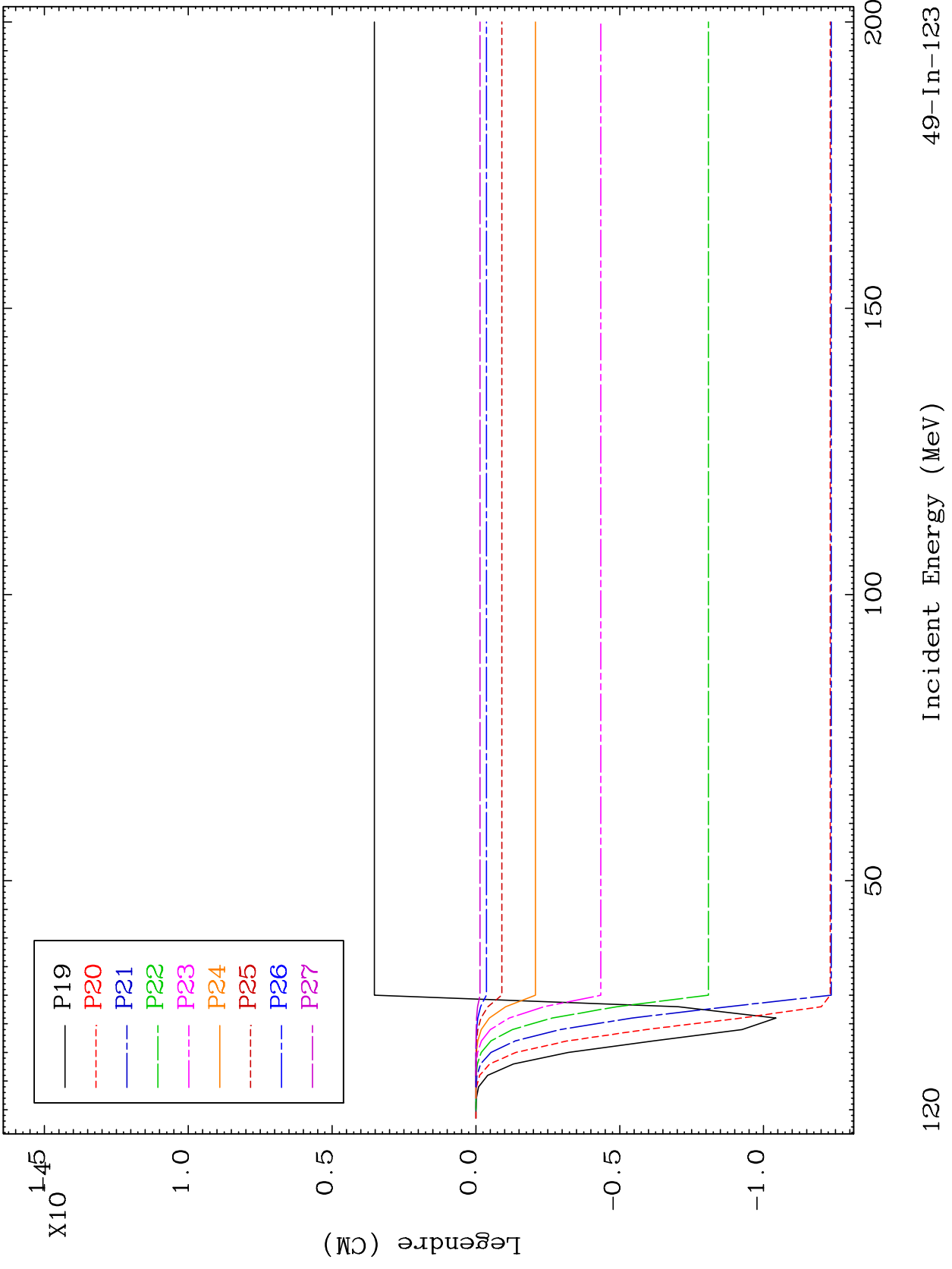
49-In-123



MAT 4955

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

49-In-123



120

Incident Energy (MeV)

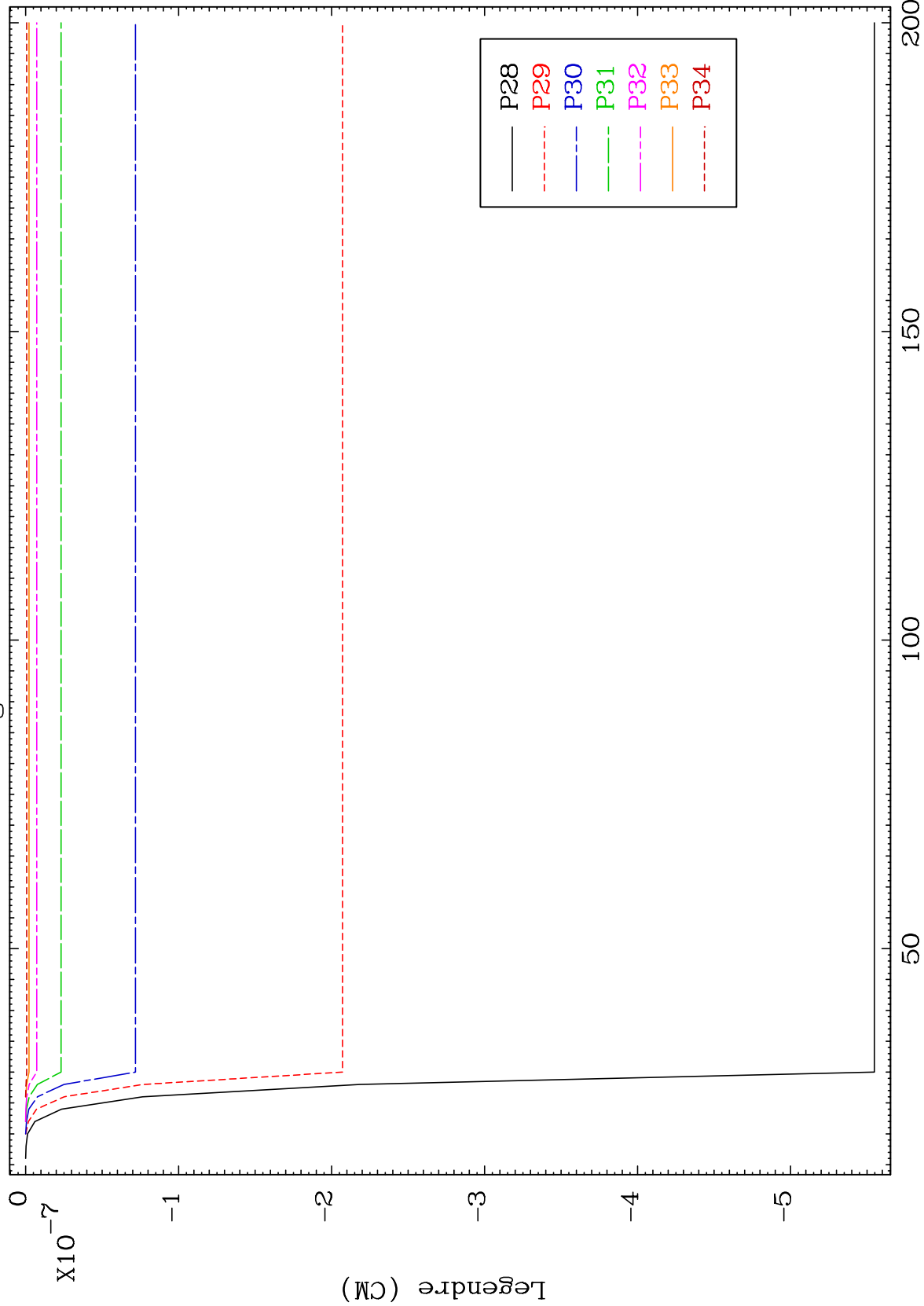
49-In-123

MAT 4955

MT= 76 (n,n') Level

49-In-123

Legendre Coefficients



121

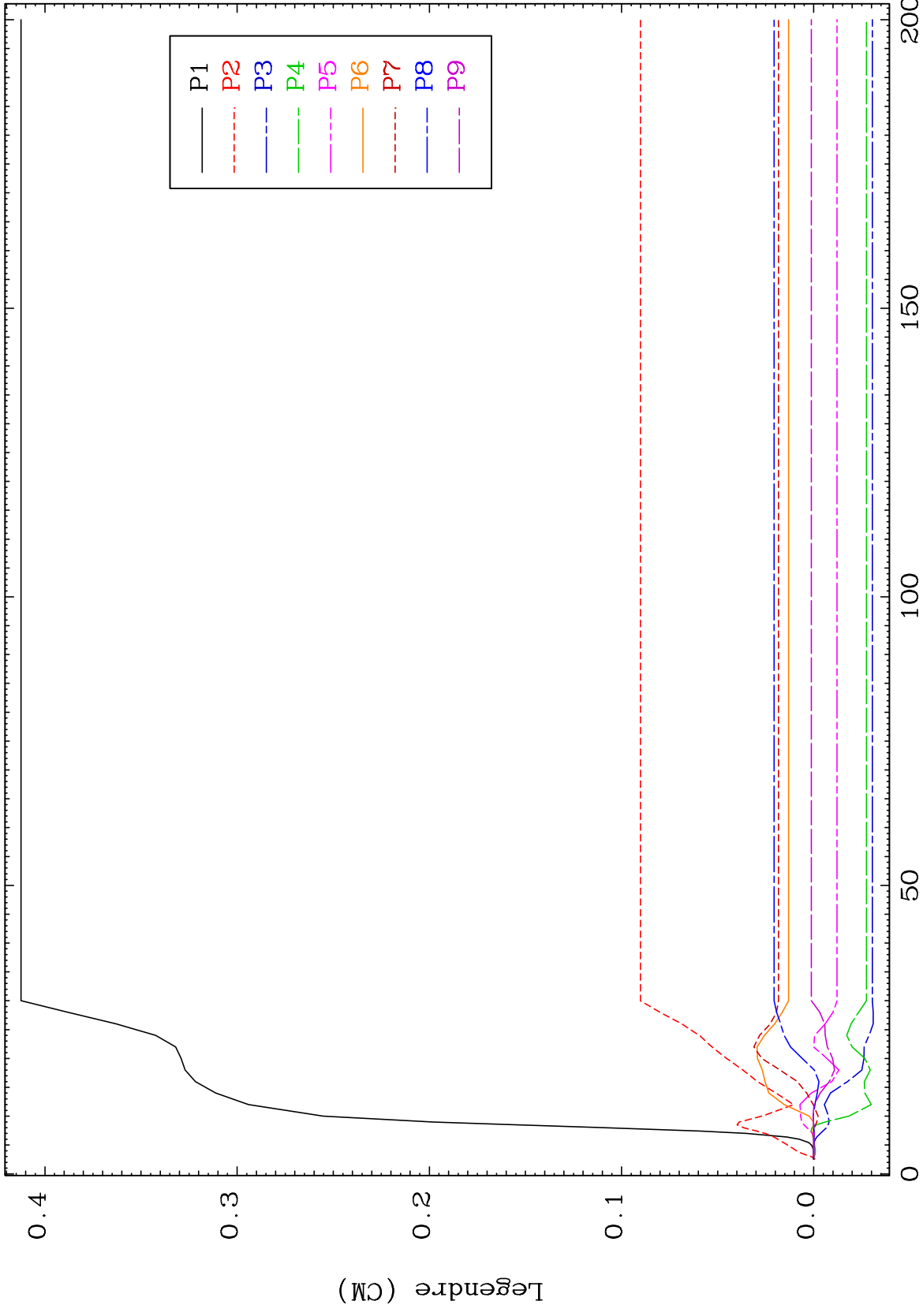
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



122

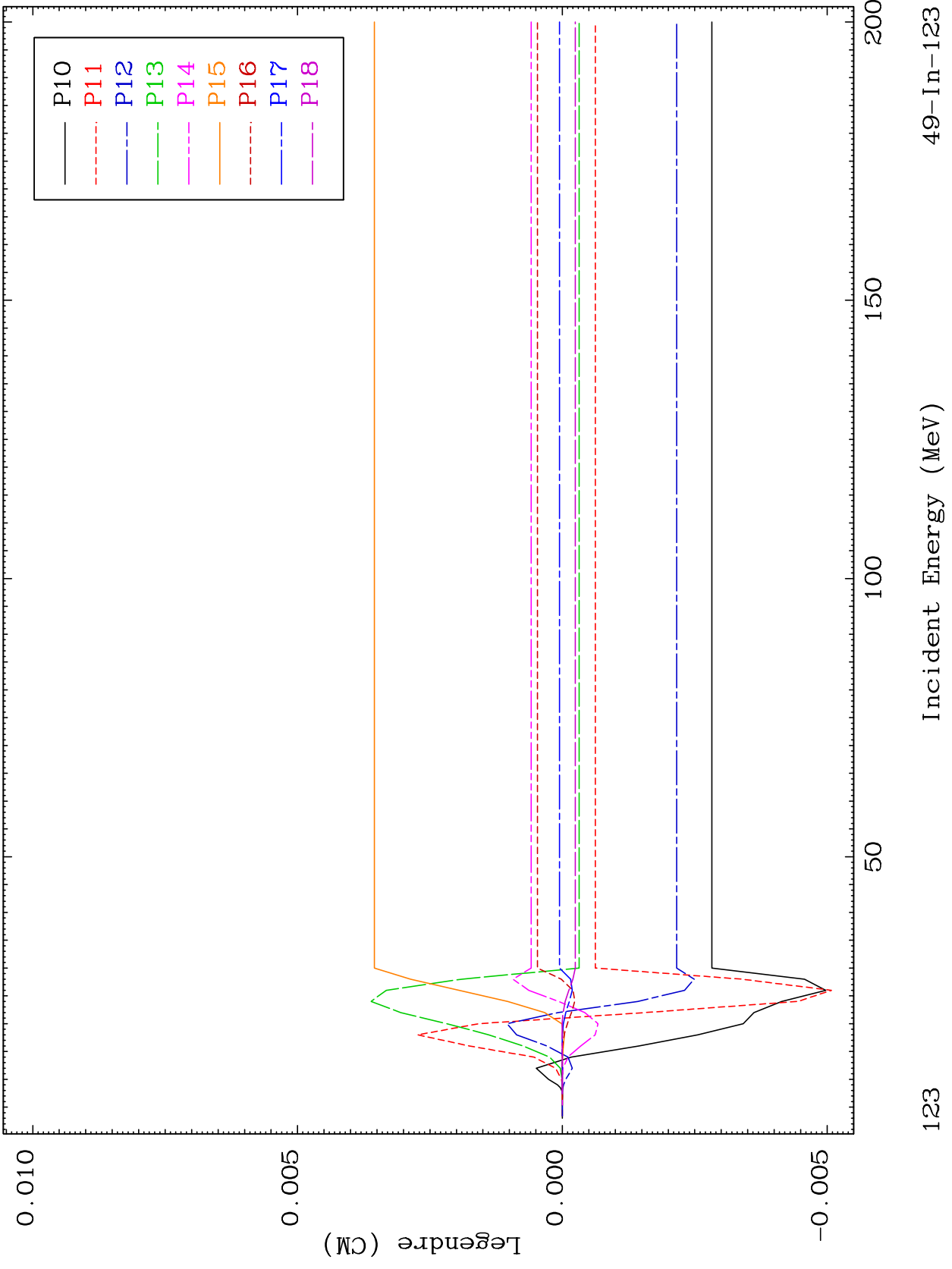
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



123

Incident Energy (MeV)

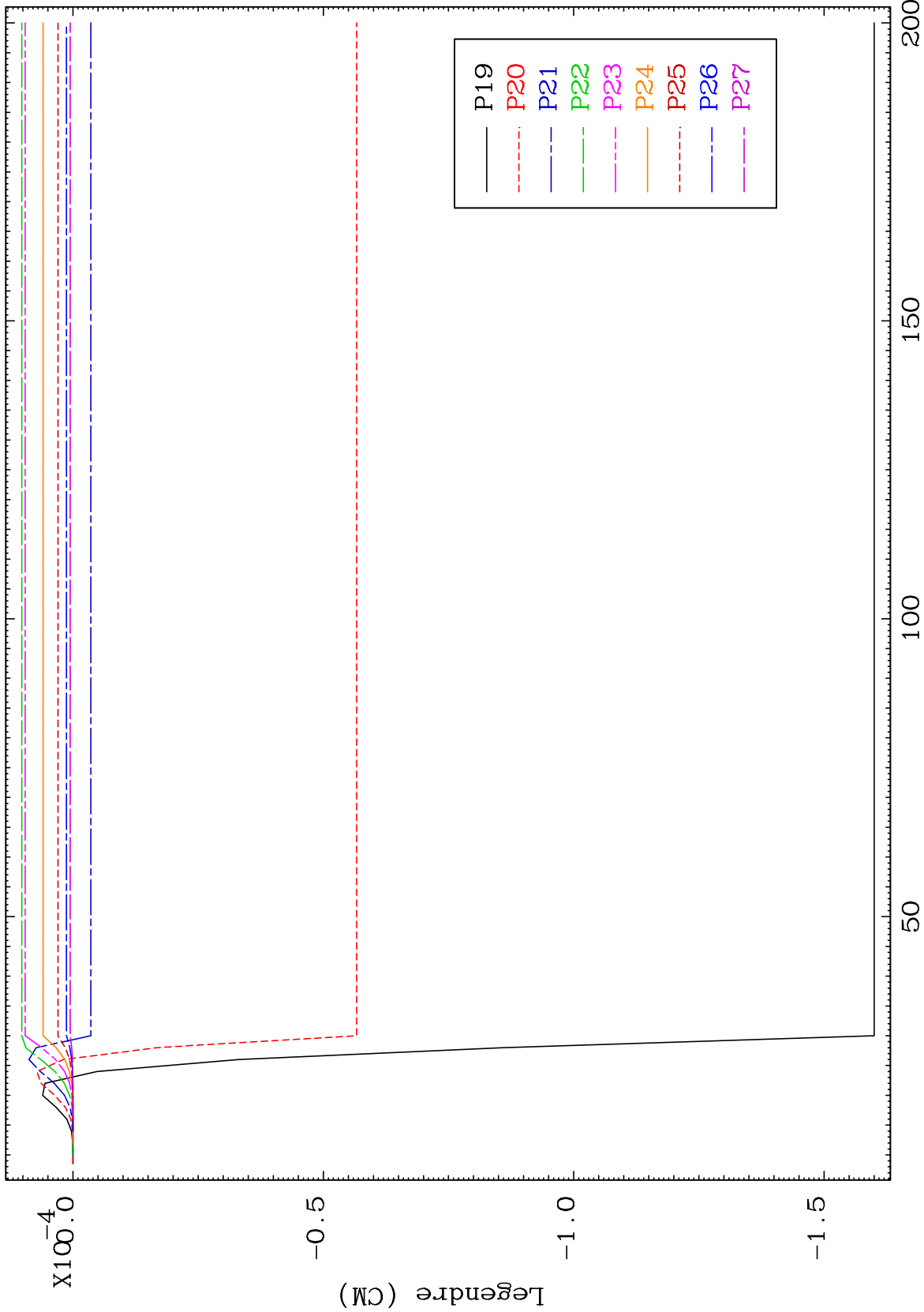
49-In-123

MAT 4955

MT= 77 (n,n') Level

49-In-123

Legendre Coefficients



124

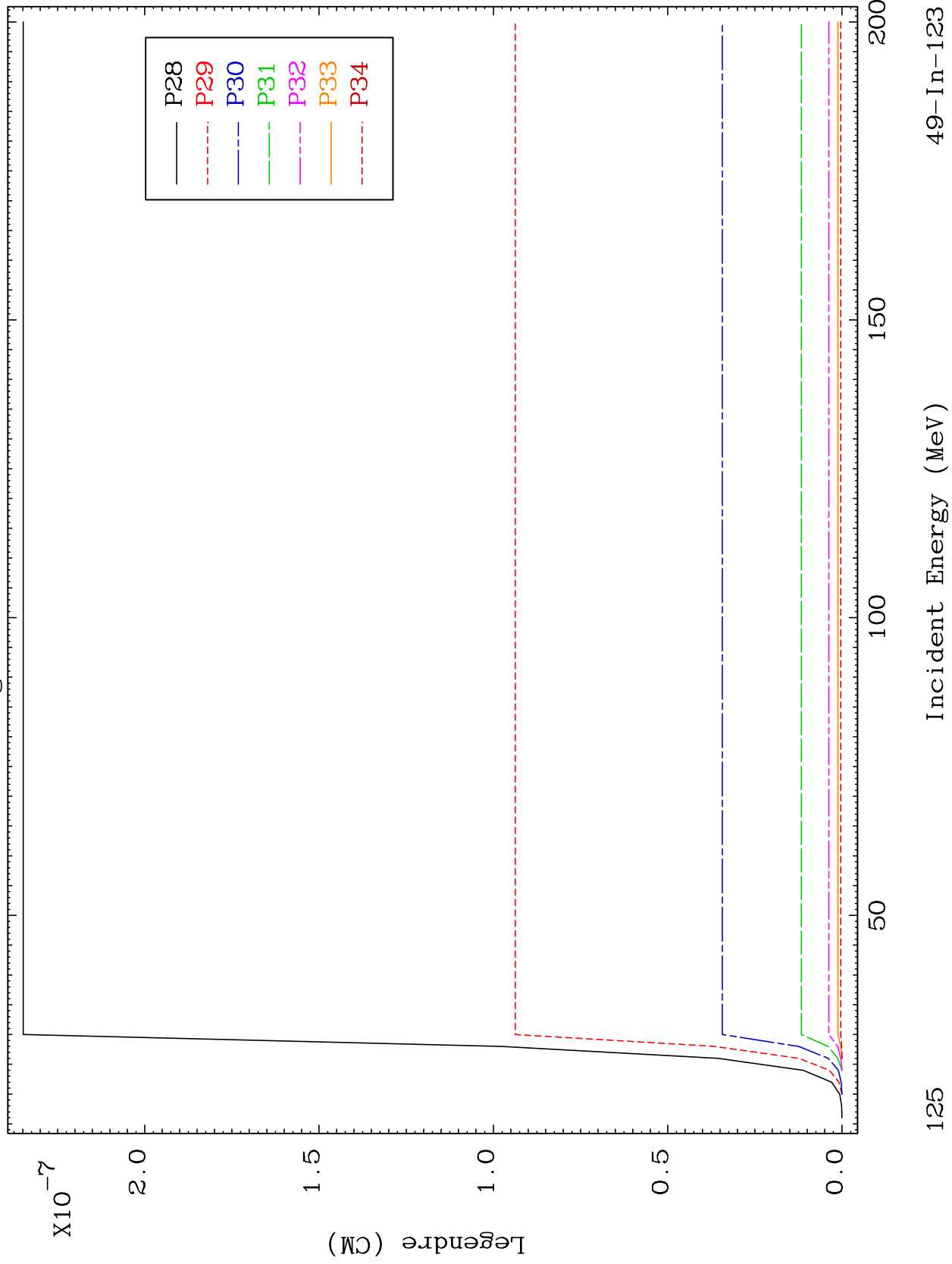
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



125

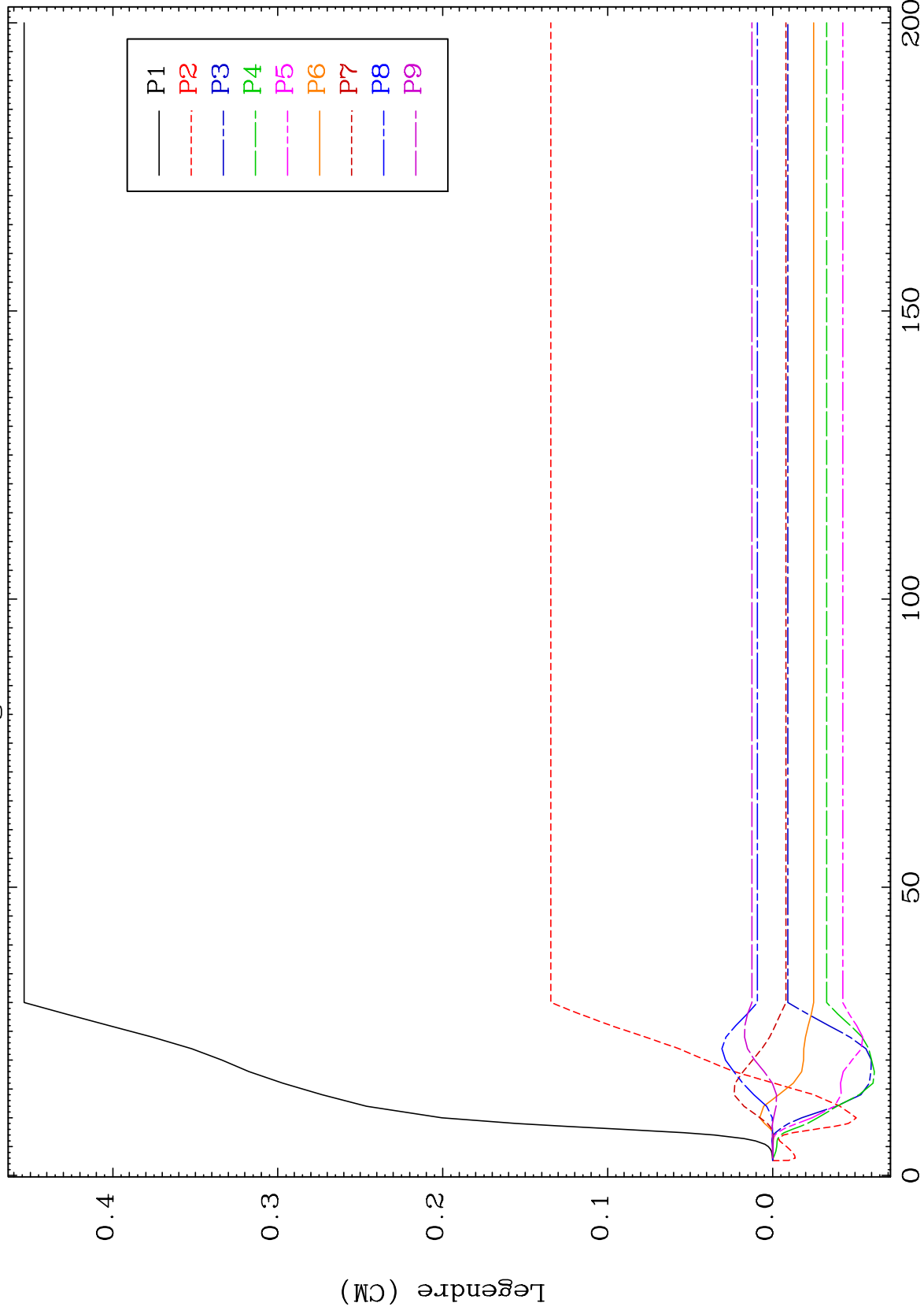
Incident Energy (MeV)

49-In-123

MAT 4955

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

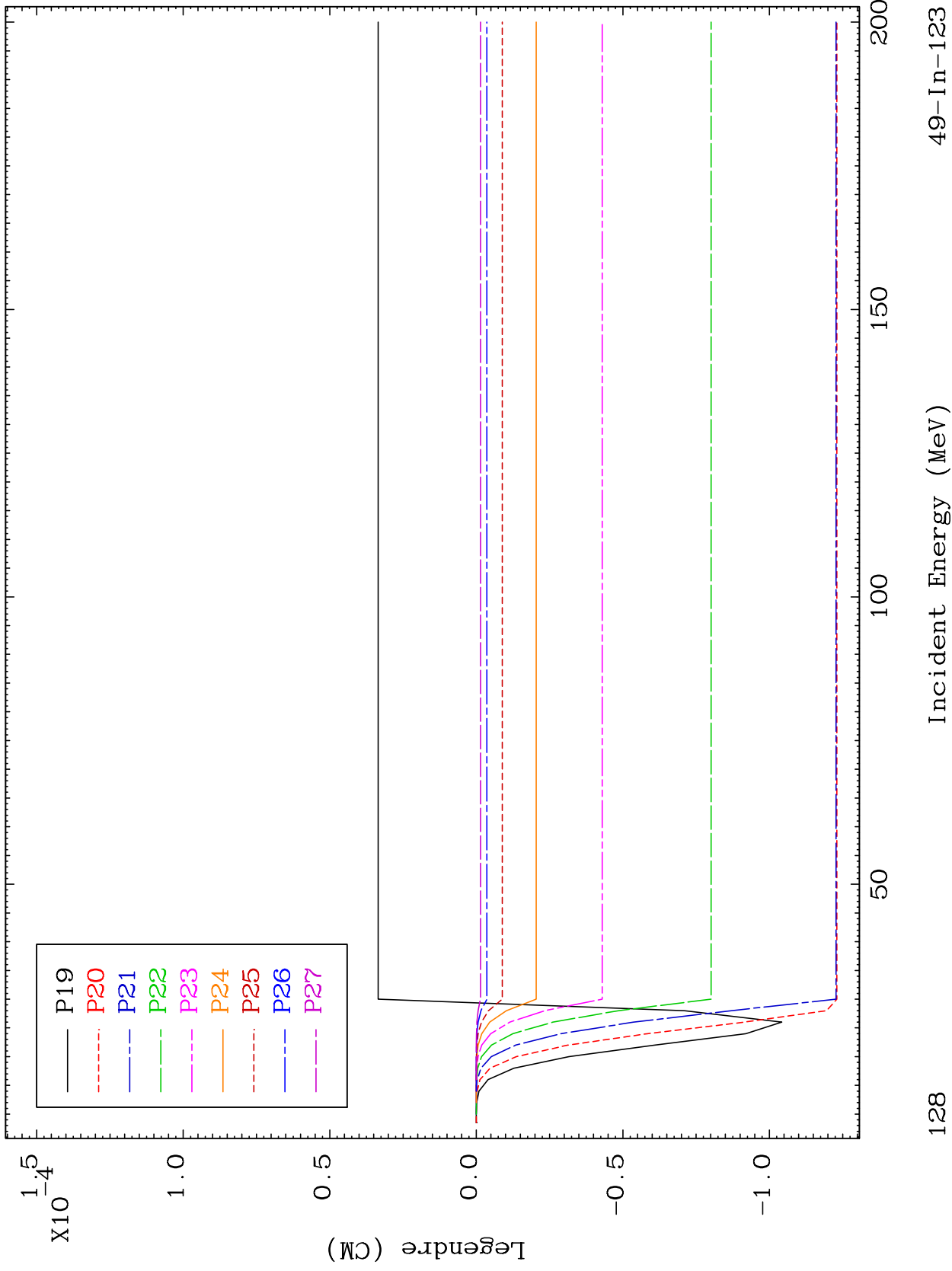
49-In-123



126

Incident Energy (MeV)

49-In-123

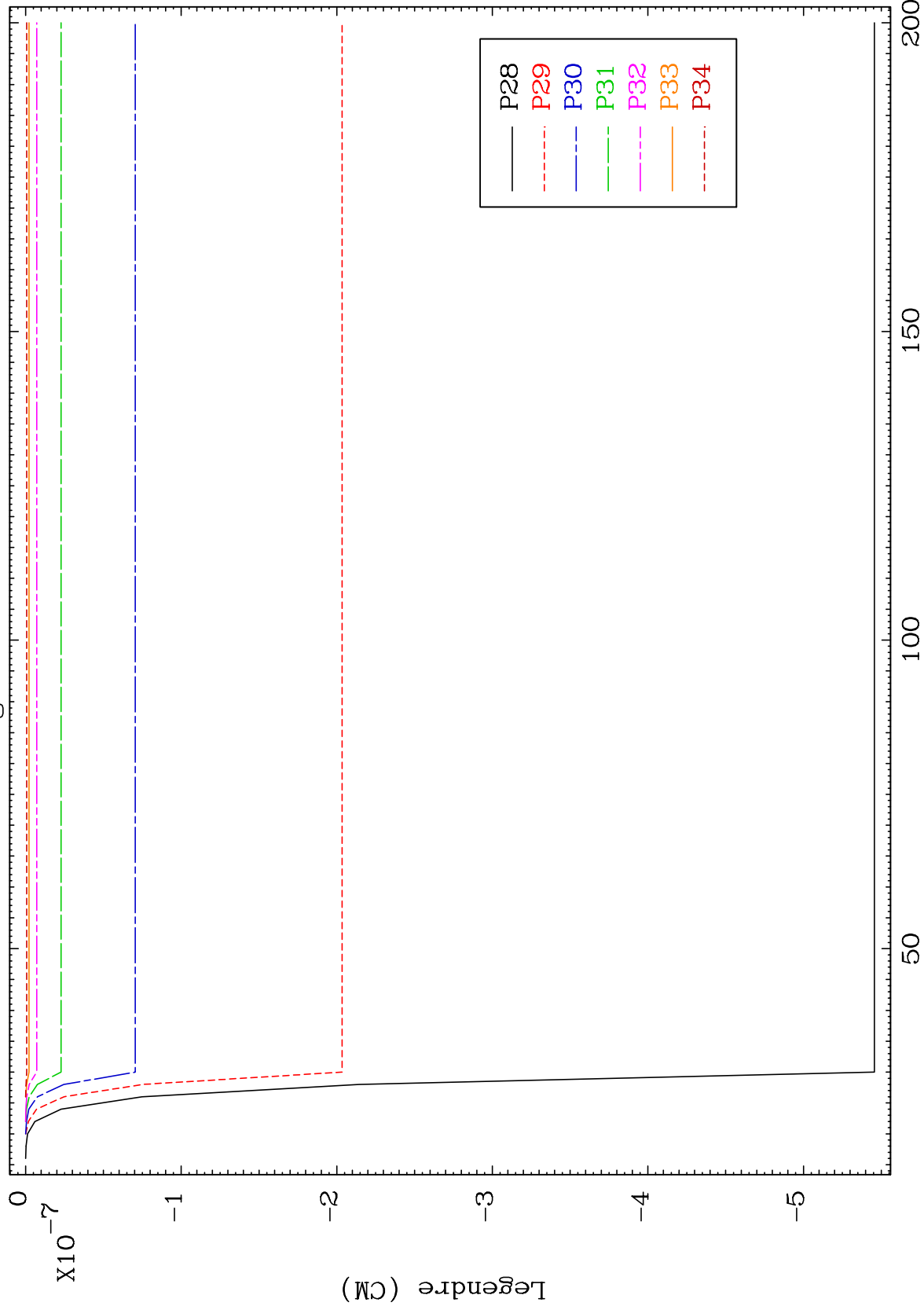


MAT 4955

MT= 78 (n,n') Level

49-In-123

Legendre Coefficients



129

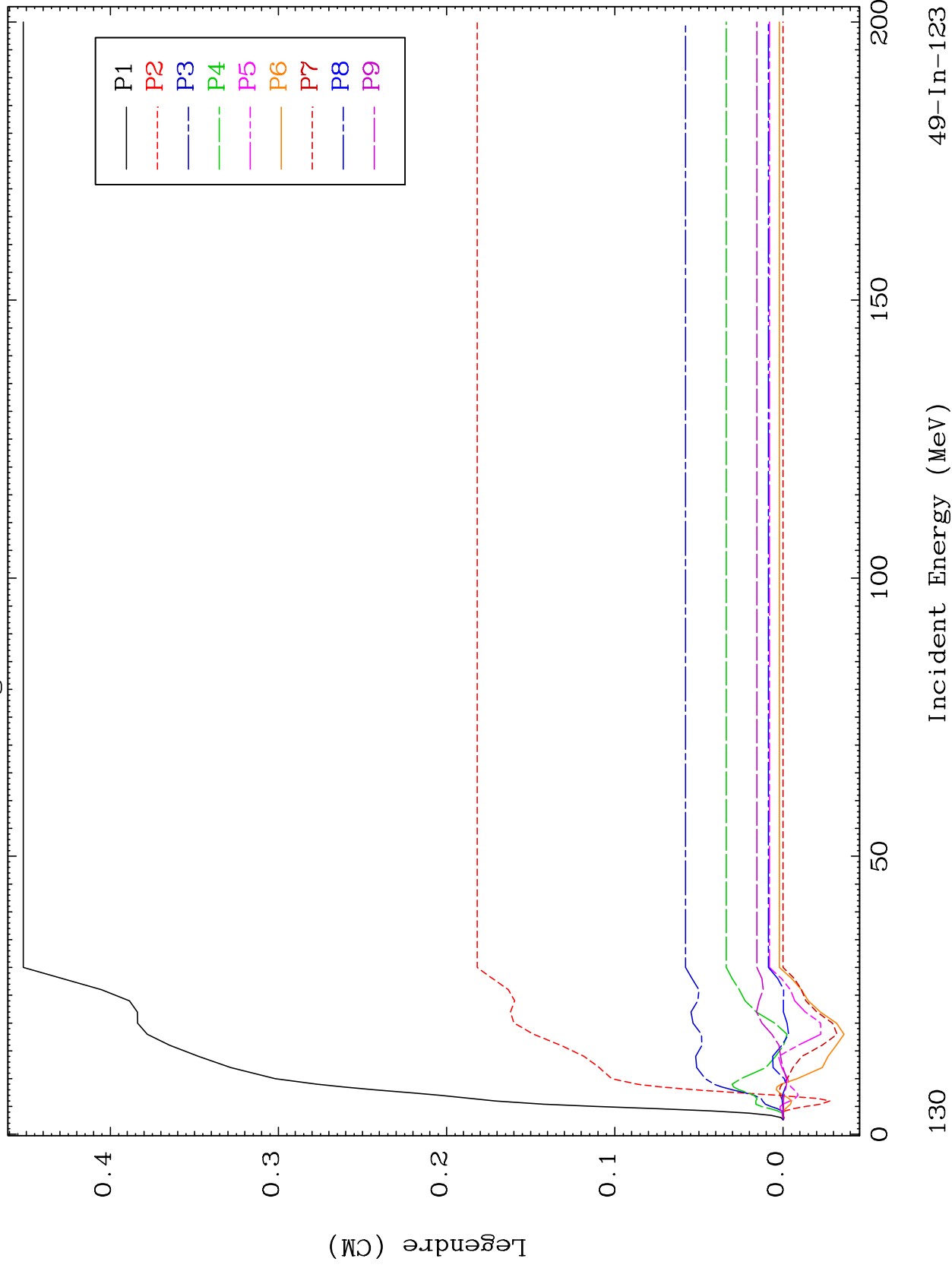
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



49-In-123

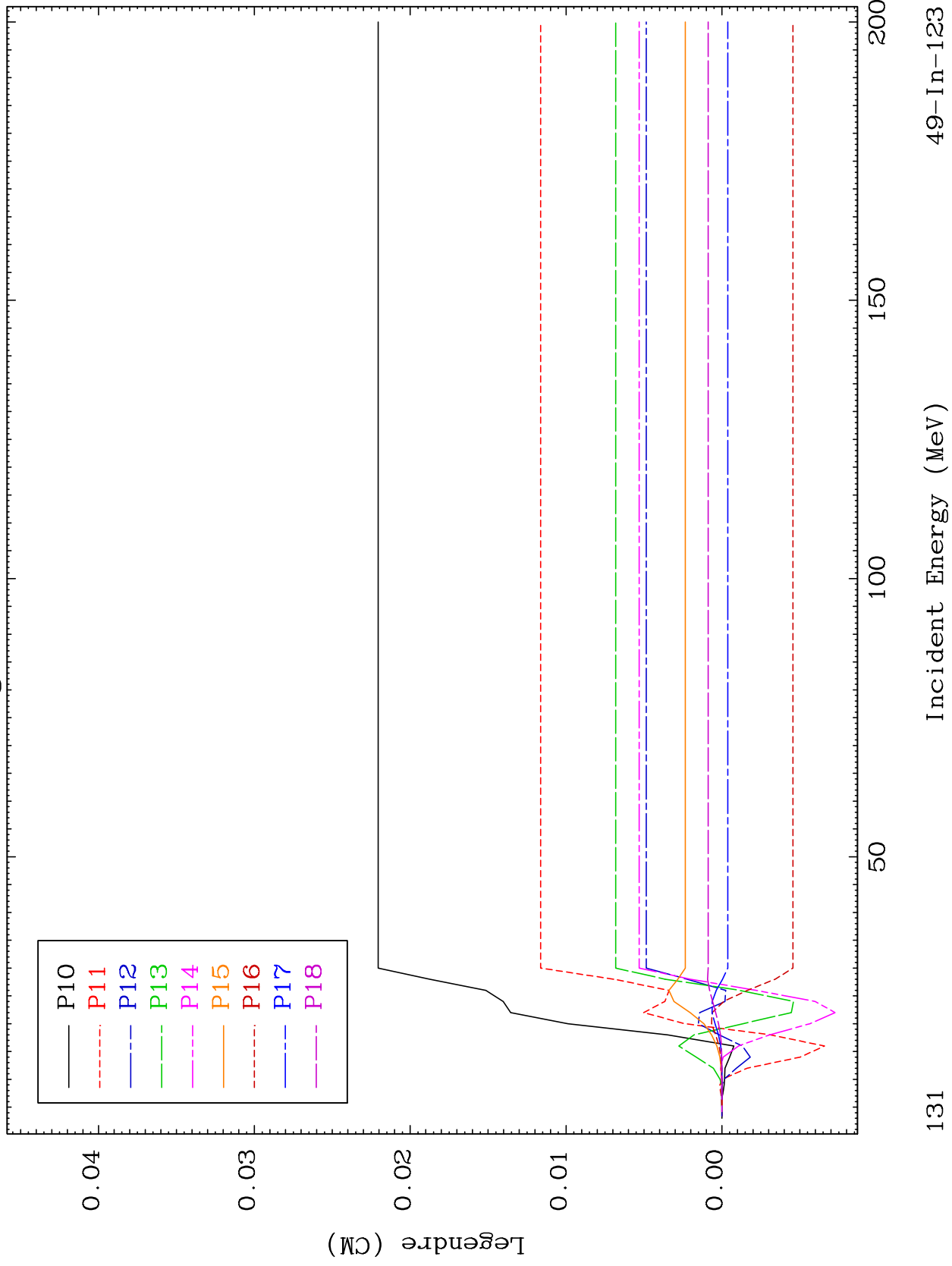
Incident Energy (MeV)

130

MAT 4955

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

49-In-123



131

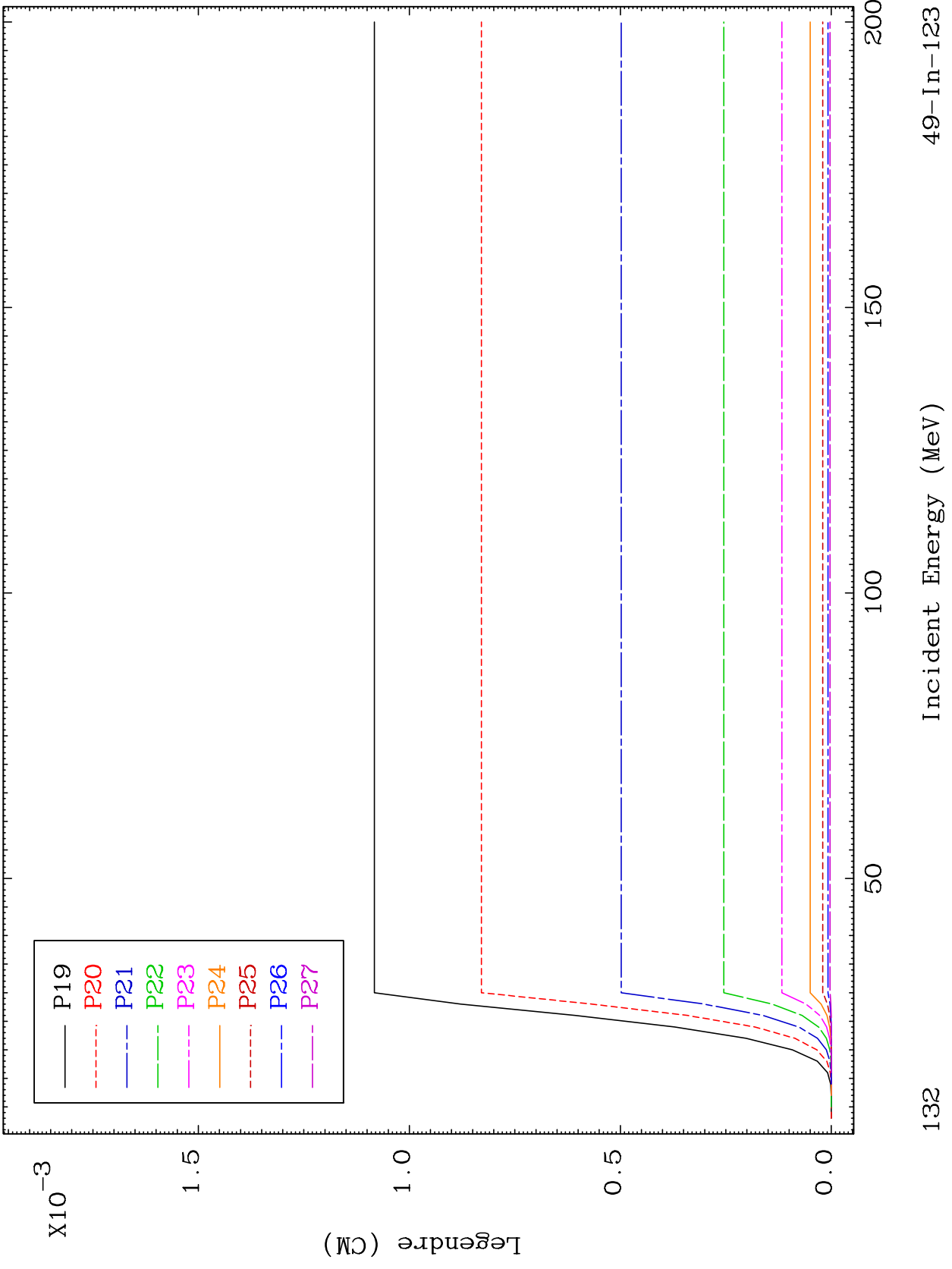
Incident Energy (MeV)

49-In-123

MAT 4955

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

49-In-123



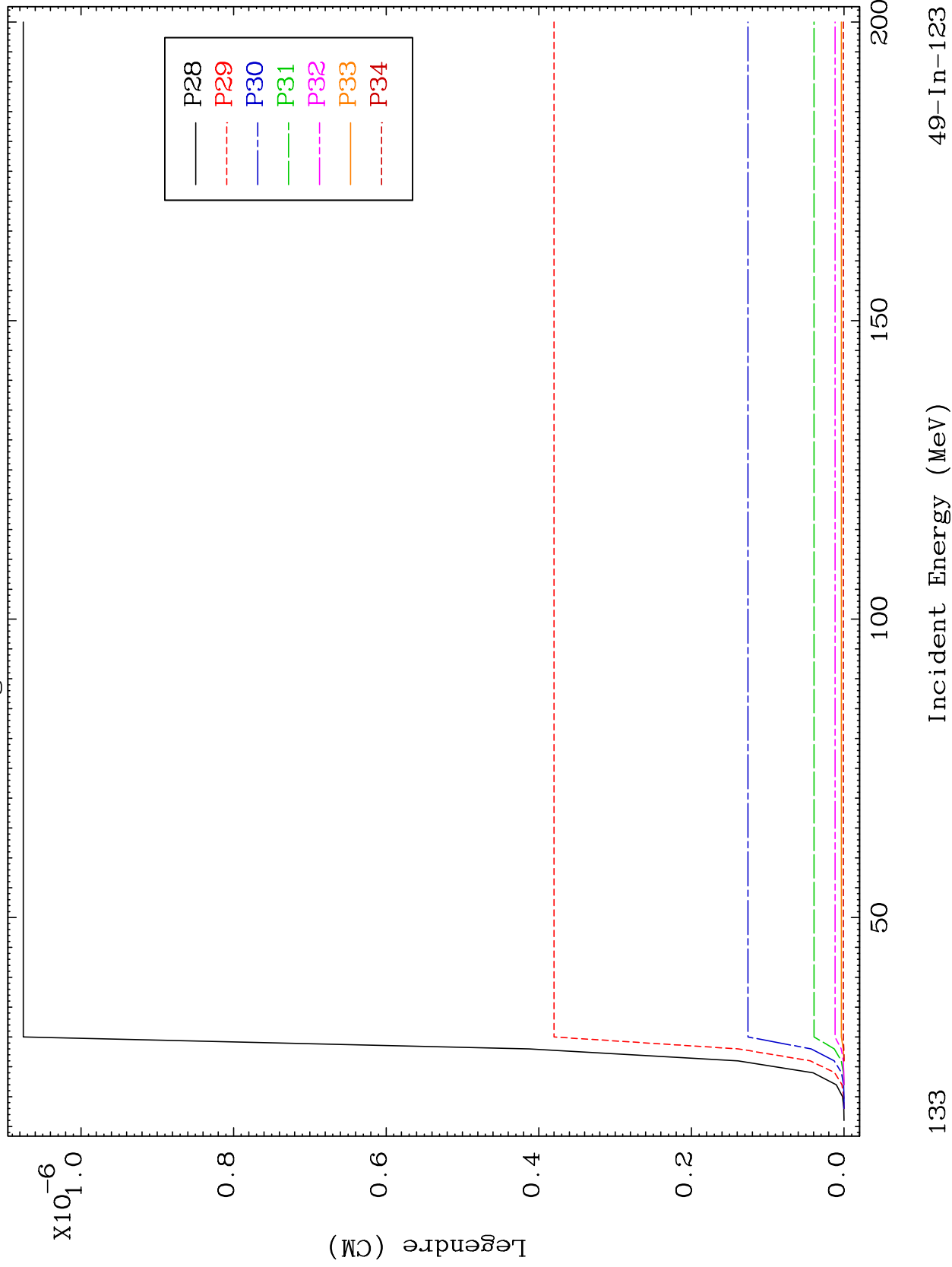
132

49-In-123

MAT 4955

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

49-In-123



133

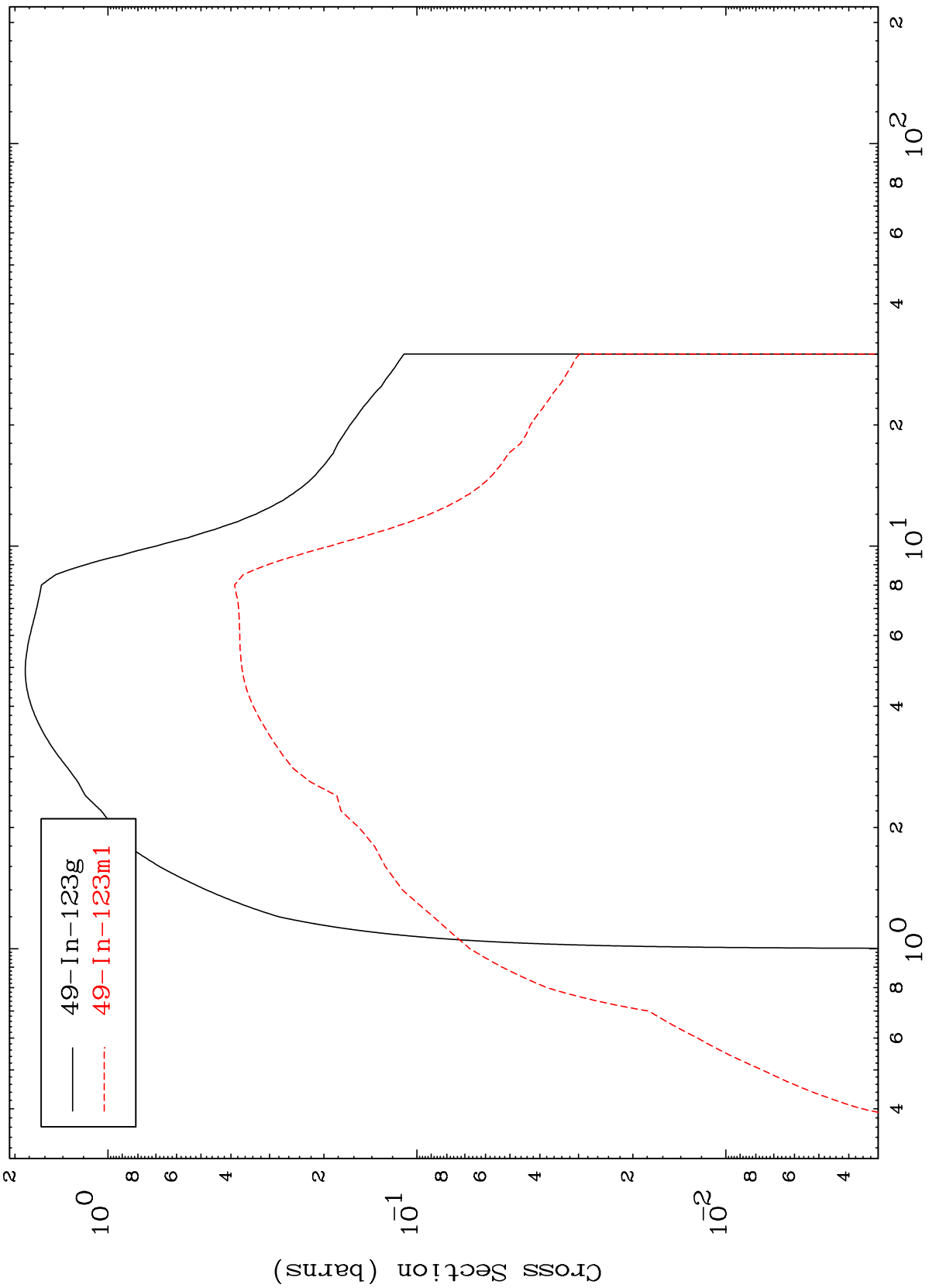
Incident Energy (MeV)

49-In-123

MAT 4955

49-In-123

Inelastic
Radionuclide Production Cross Section



— 49-In-123g
- - - 49-In-123m1

49-In-123

Incident Energy (MeV)

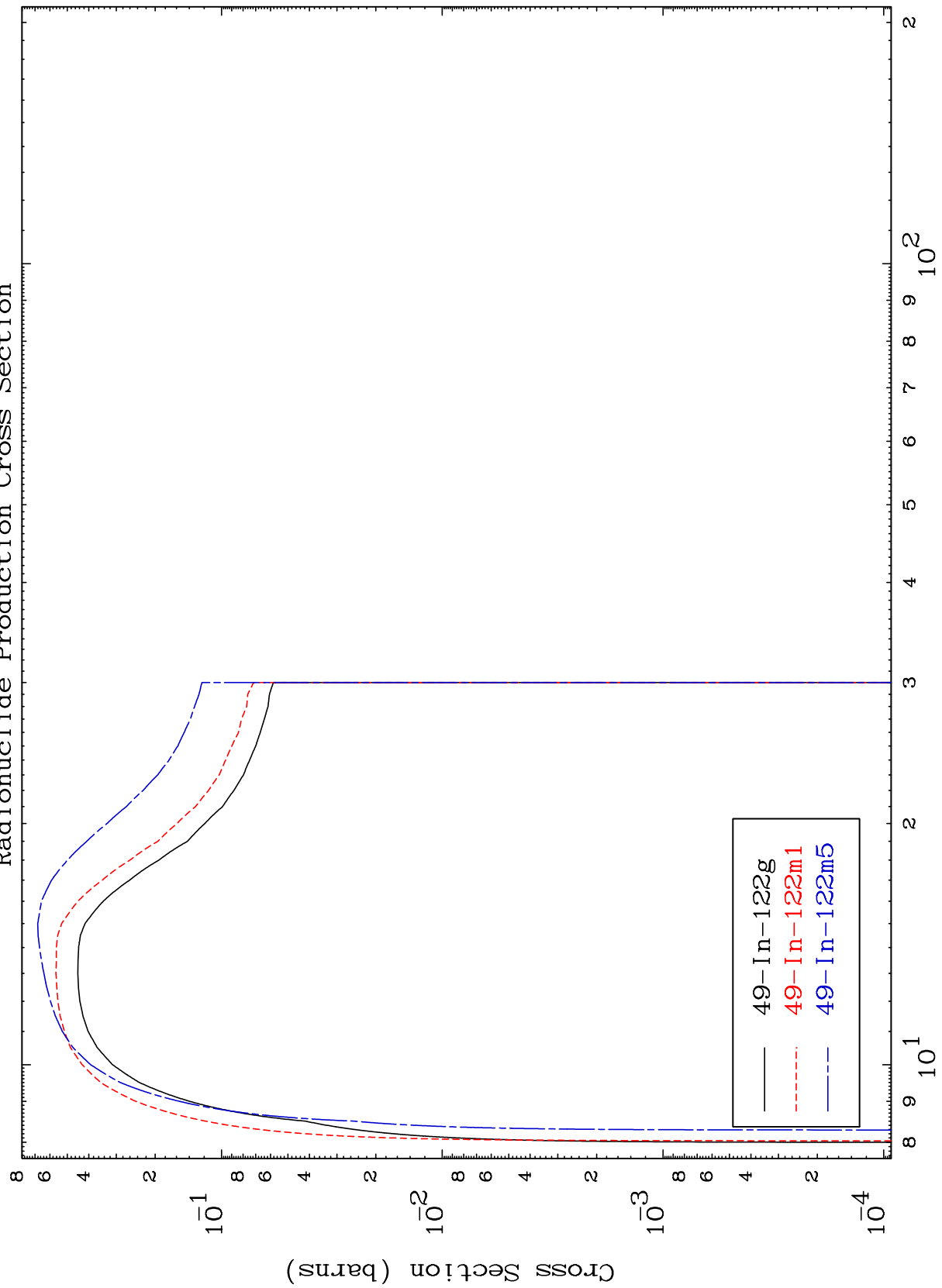
134

MAT 4955

49-In-123

Radionuclide Production Cross Section

(n,2n)



49-In-123

Incident Energy (MeV)

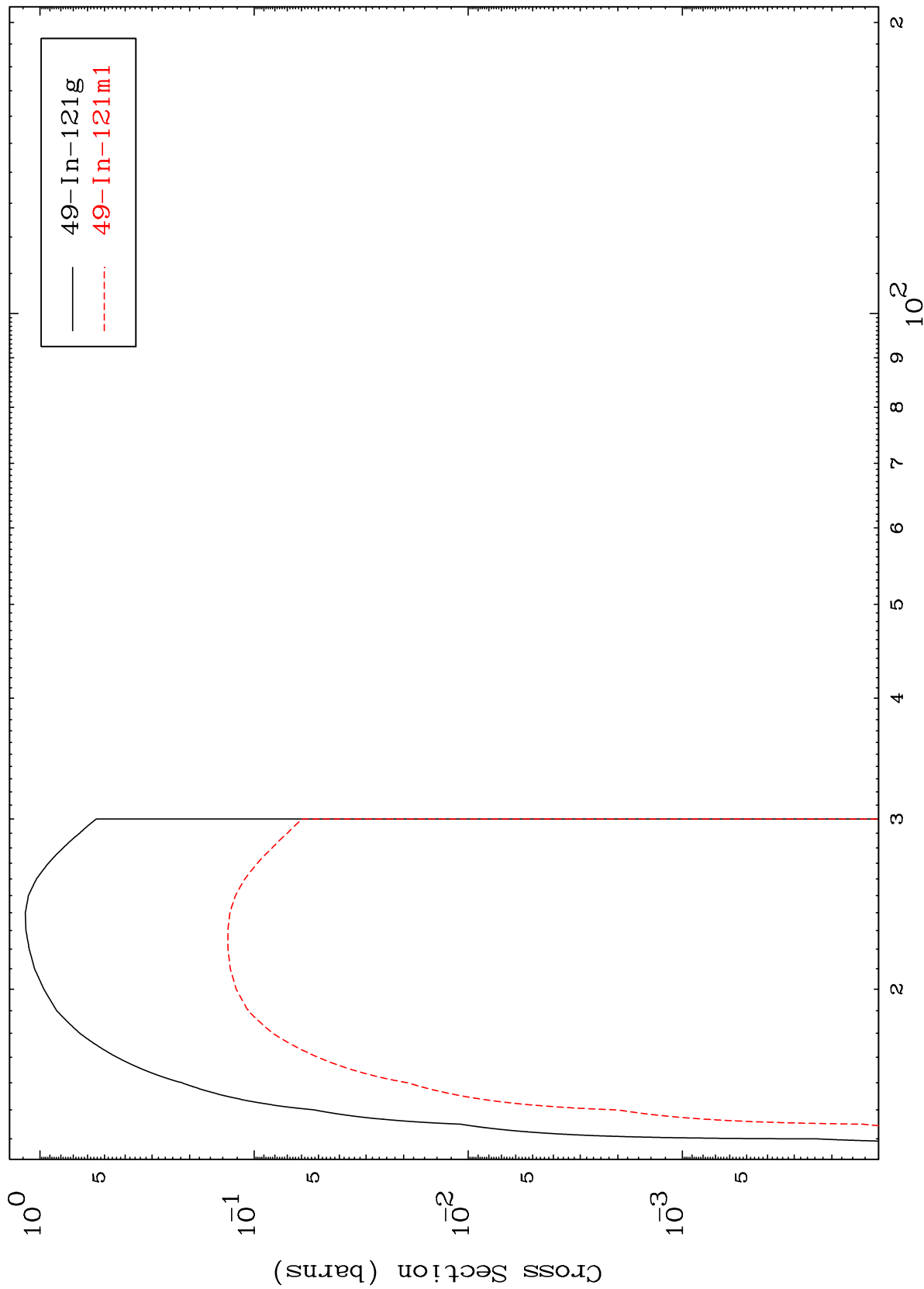
135

MAT 4955

49-In-123

(n,3n)

Radionuclide Production Cross Section



136

Incident Energy (MeV)

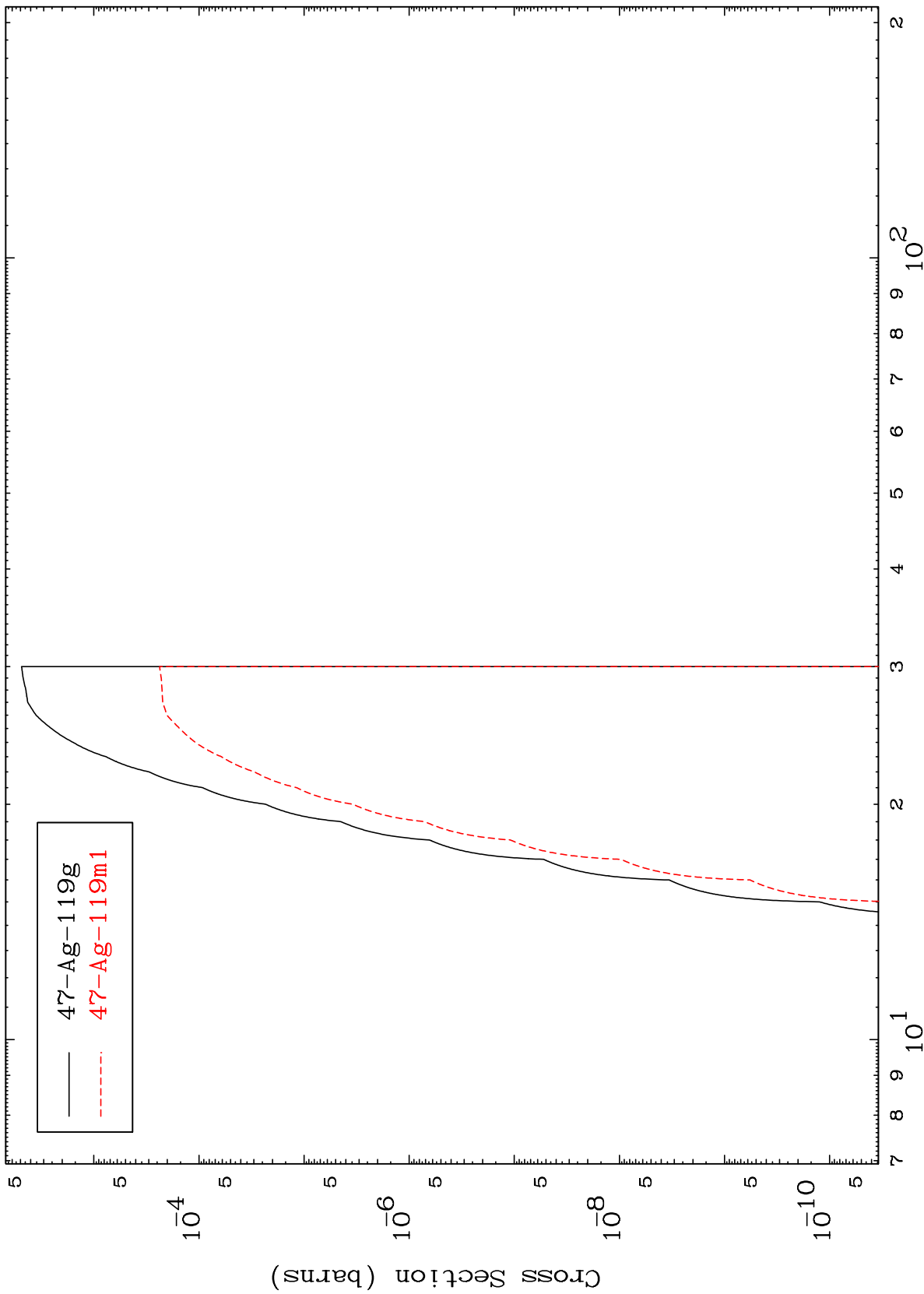
49-In-123

MAT 4955

(n,n') α

49-In-123

Radionuclide Production Cross Section

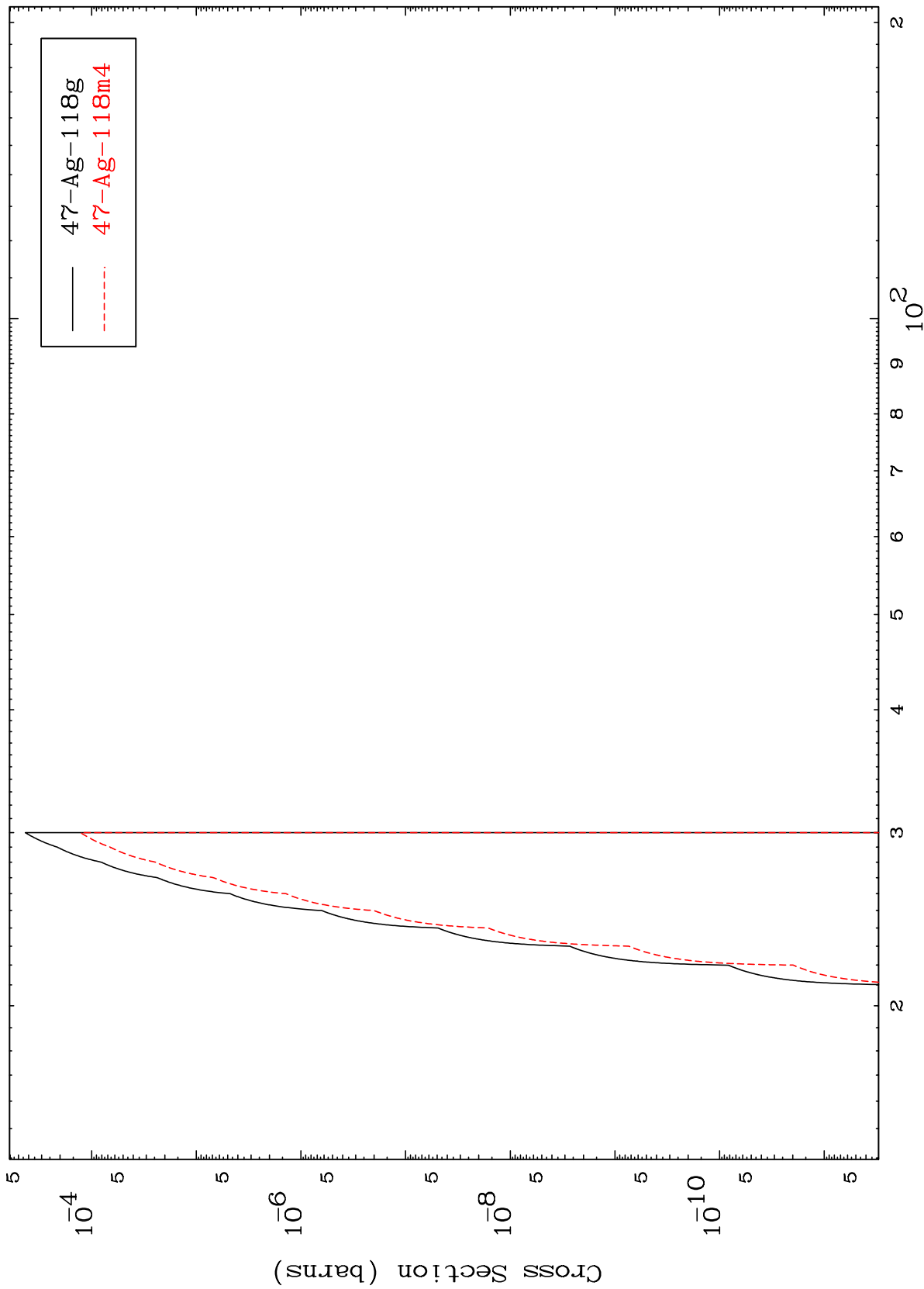


137

Incident Energy (MeV)

49-In-123

Radionuclide Production Cross Section



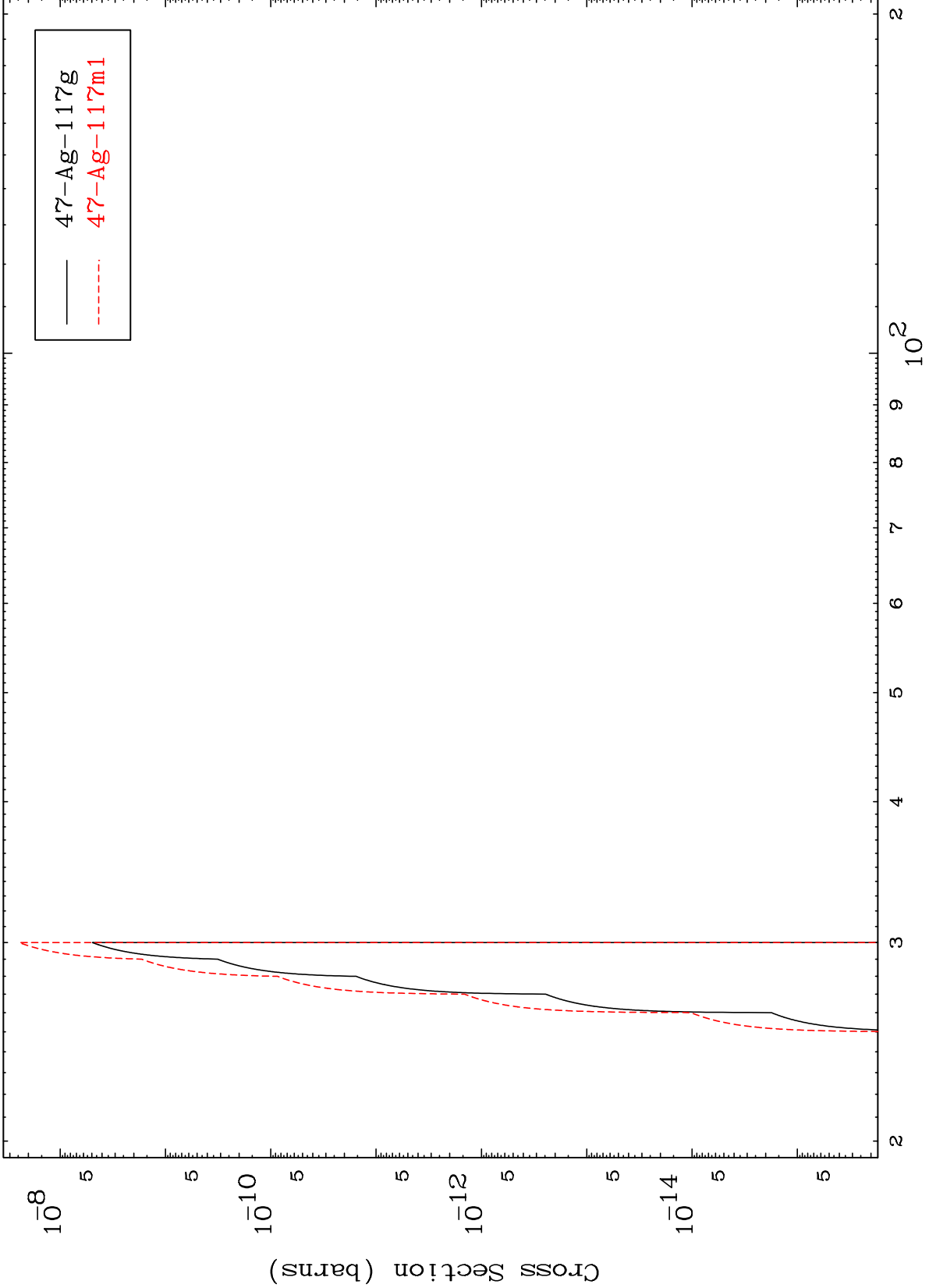
47-Ag-118g
47-Ag-118m4

MAT 4955

(n,3n) α

49-In-123

Radionuclide Production Cross Section



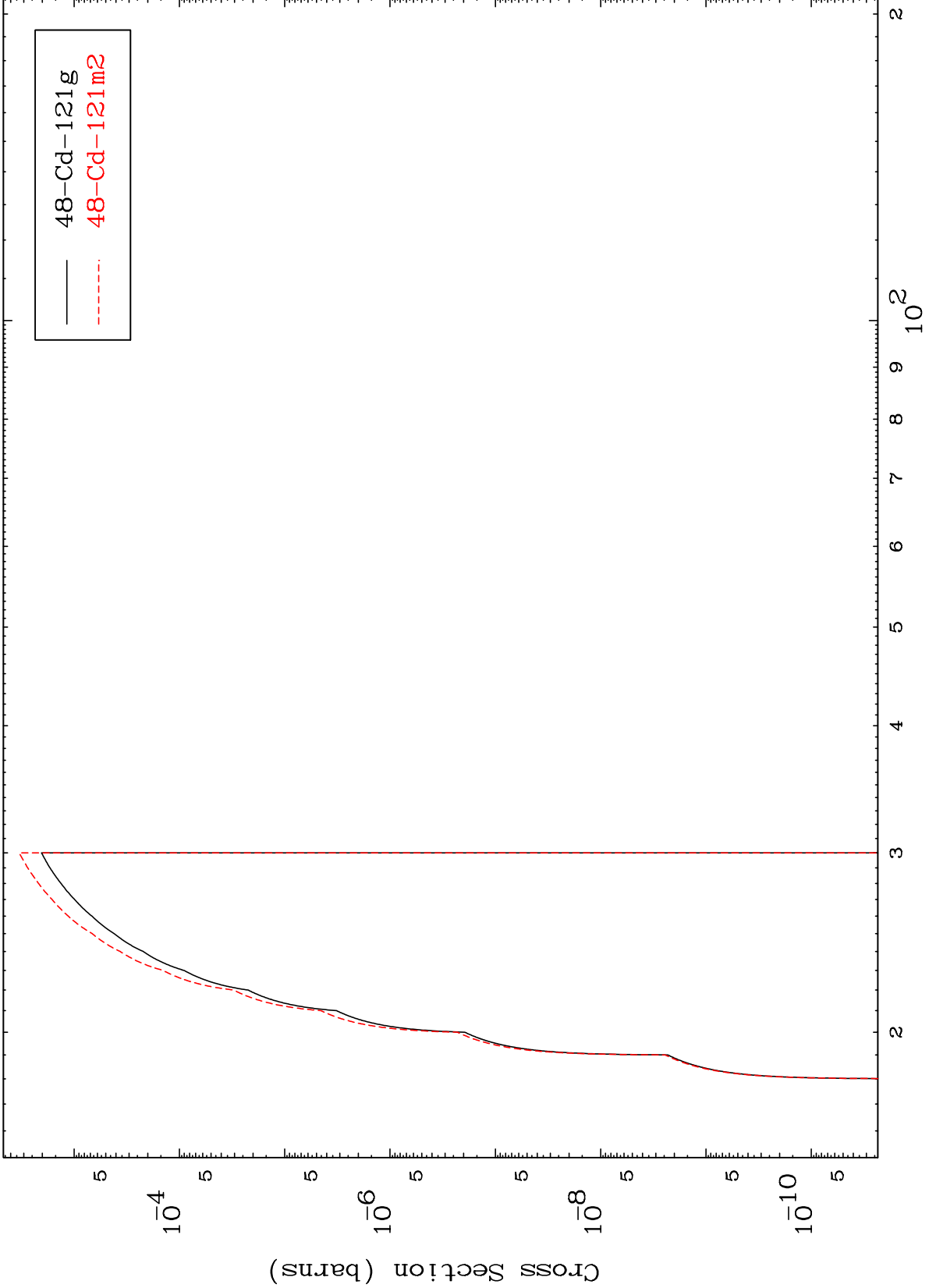
47-Ag-117g
47-Ag-117m1

139

Incident Energy (MeV)

49-In-123

Radionuclide Production Cross Section

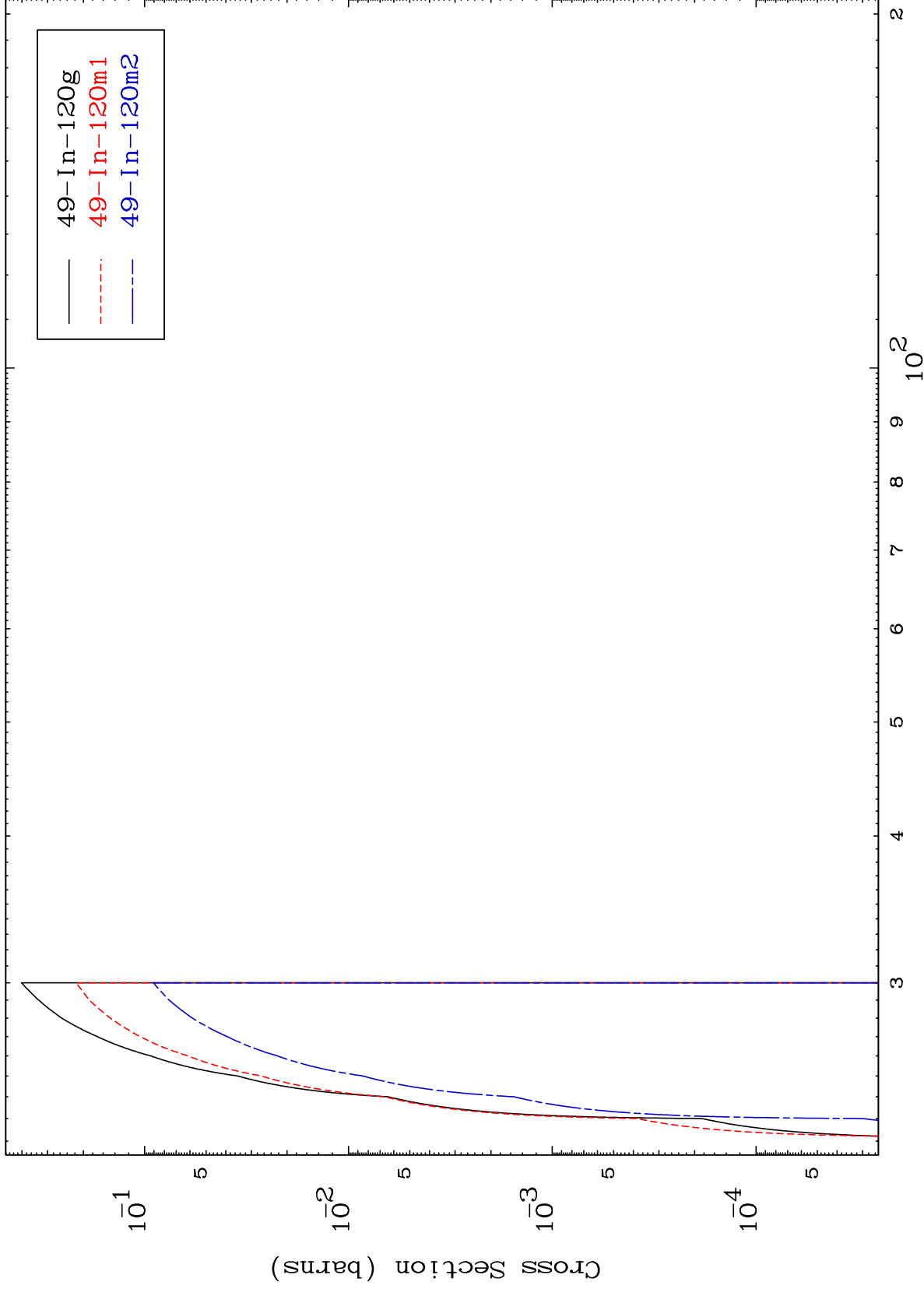


MAT 4955

(n,4n)

49-In-123

Radionuclide Production Cross Section

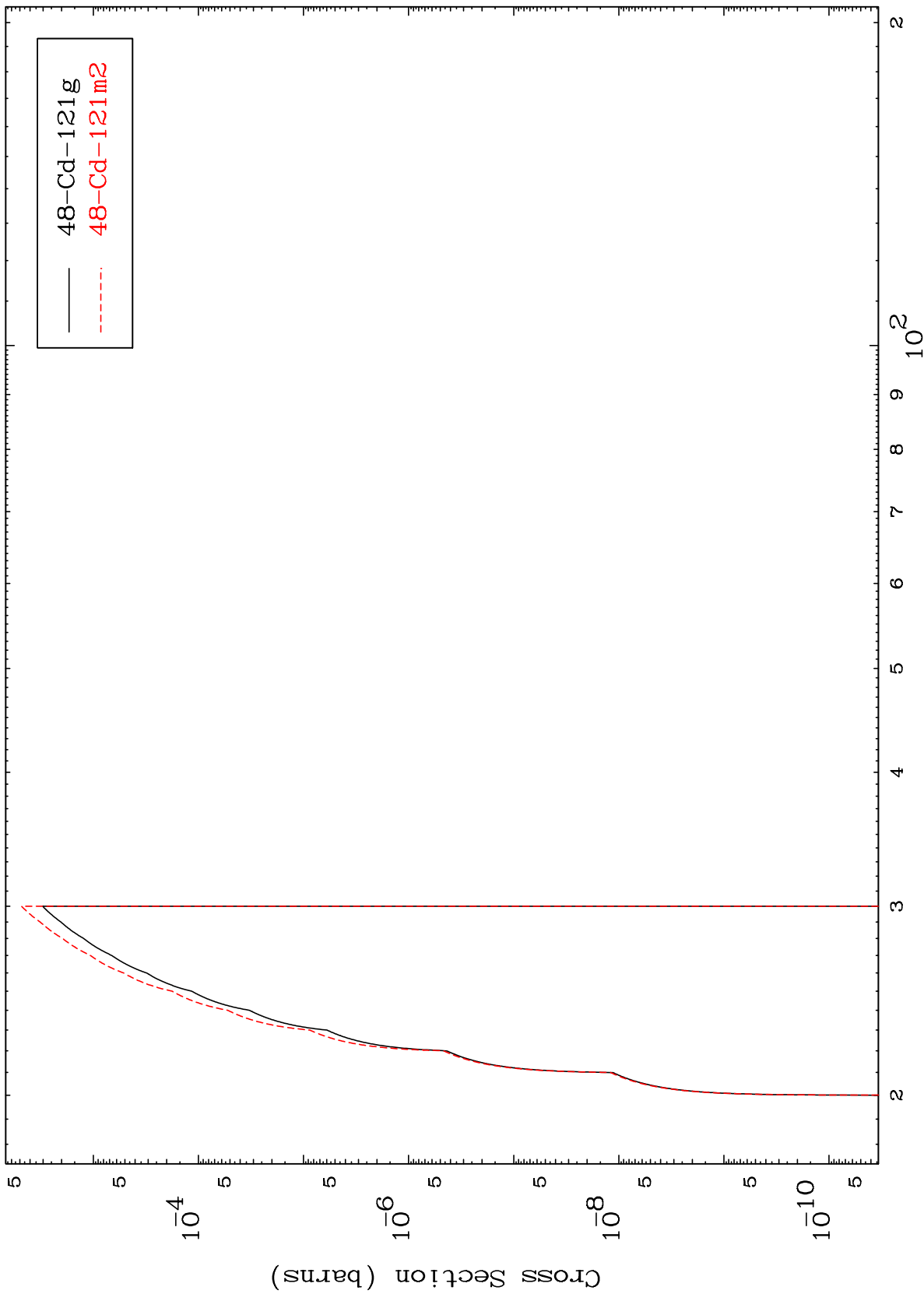


141

Incident Energy (MeV)

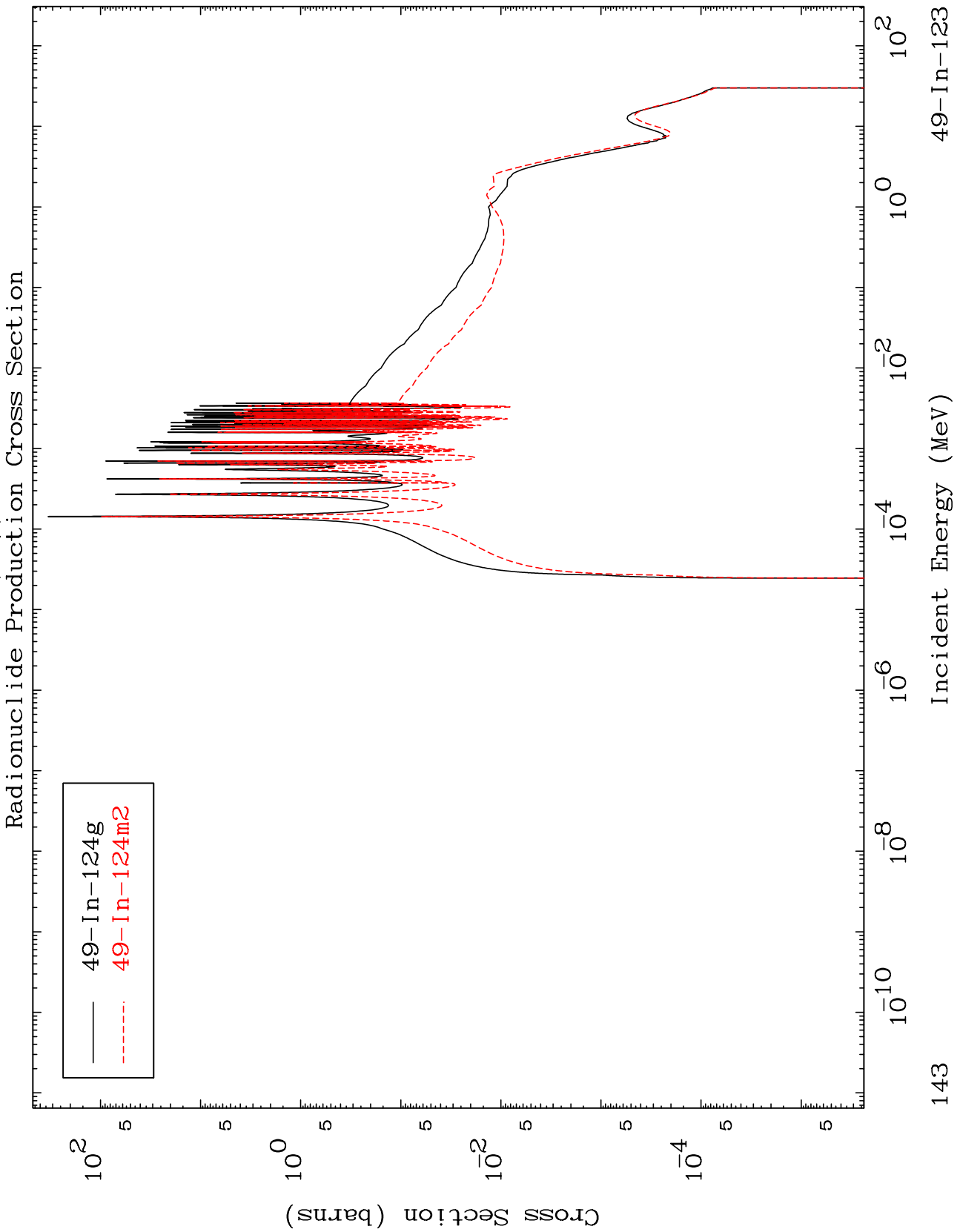
49-In-123

Radionuclide Production Cross Section



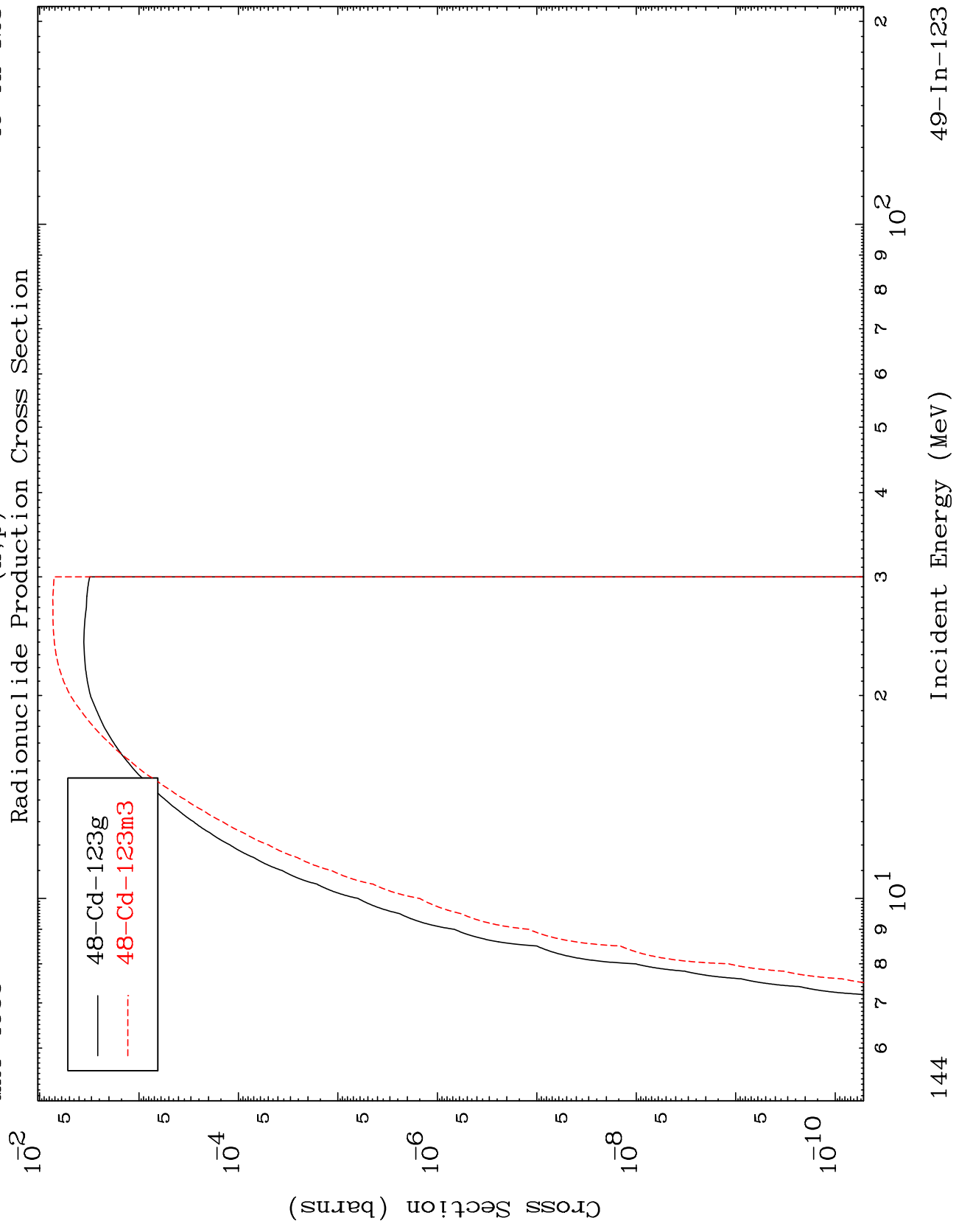
MAT 4955

49-In-123



MAT 4955

49-In-123



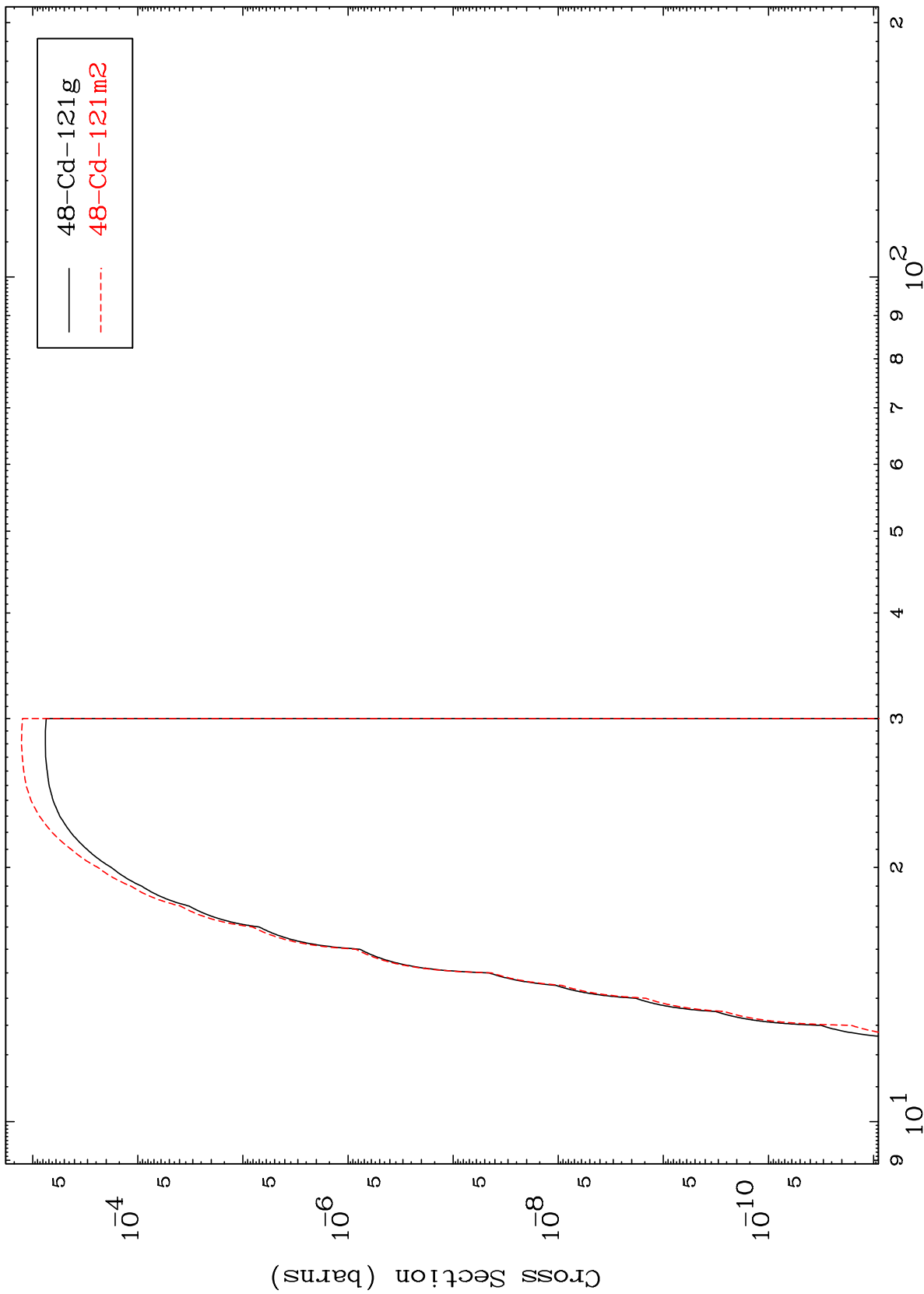
144

49-In-123

MAT 4955

49-In-123

(n,t)
Radionuclide Production Cross Section



49-In-123

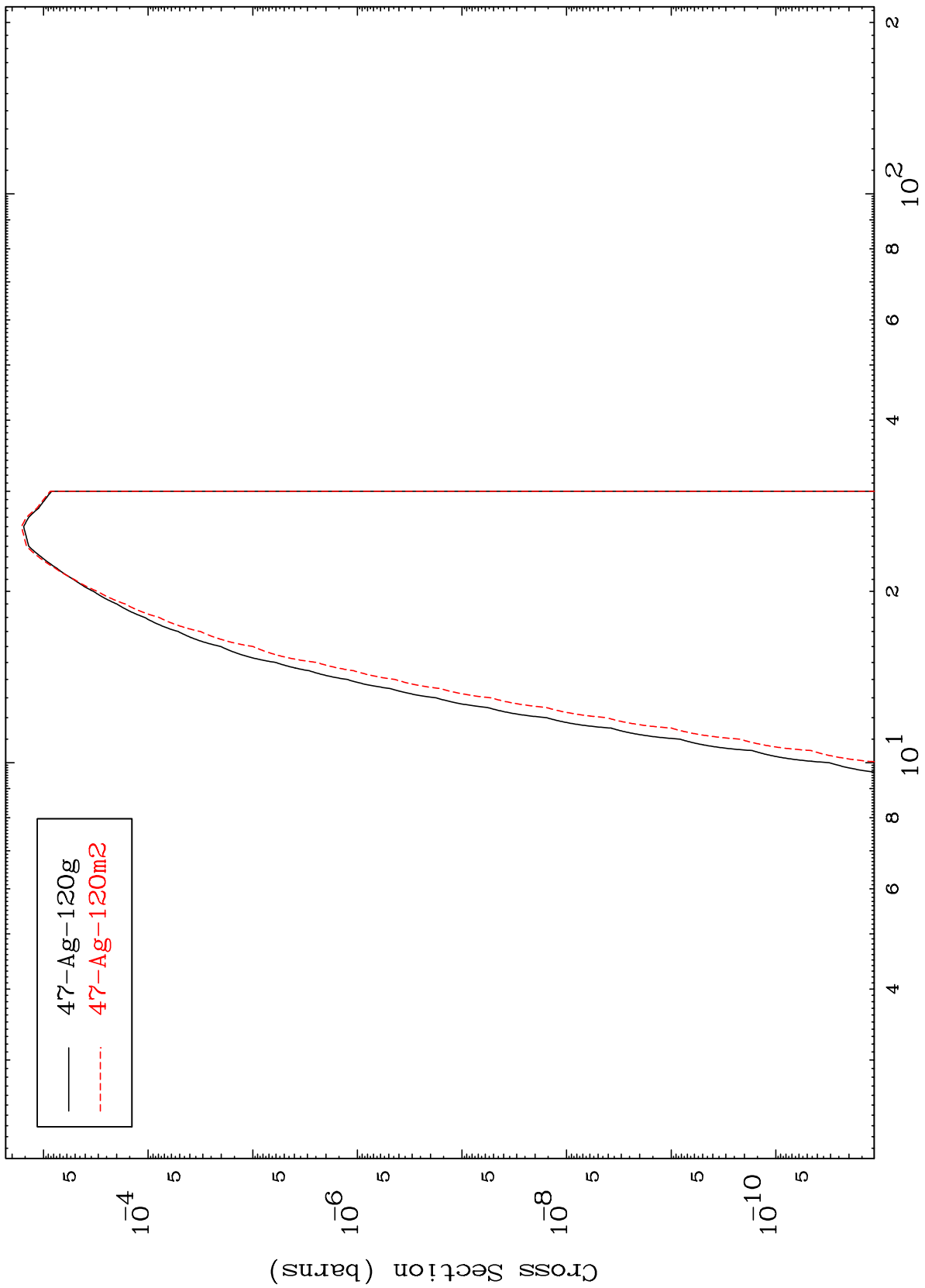
Incident Energy (MeV)

145

MAT 4955

49-In-123

Radionuclide Production Cross Section



146

49-In-123