

Program EVALPLOT
(Version 2018-1)

by

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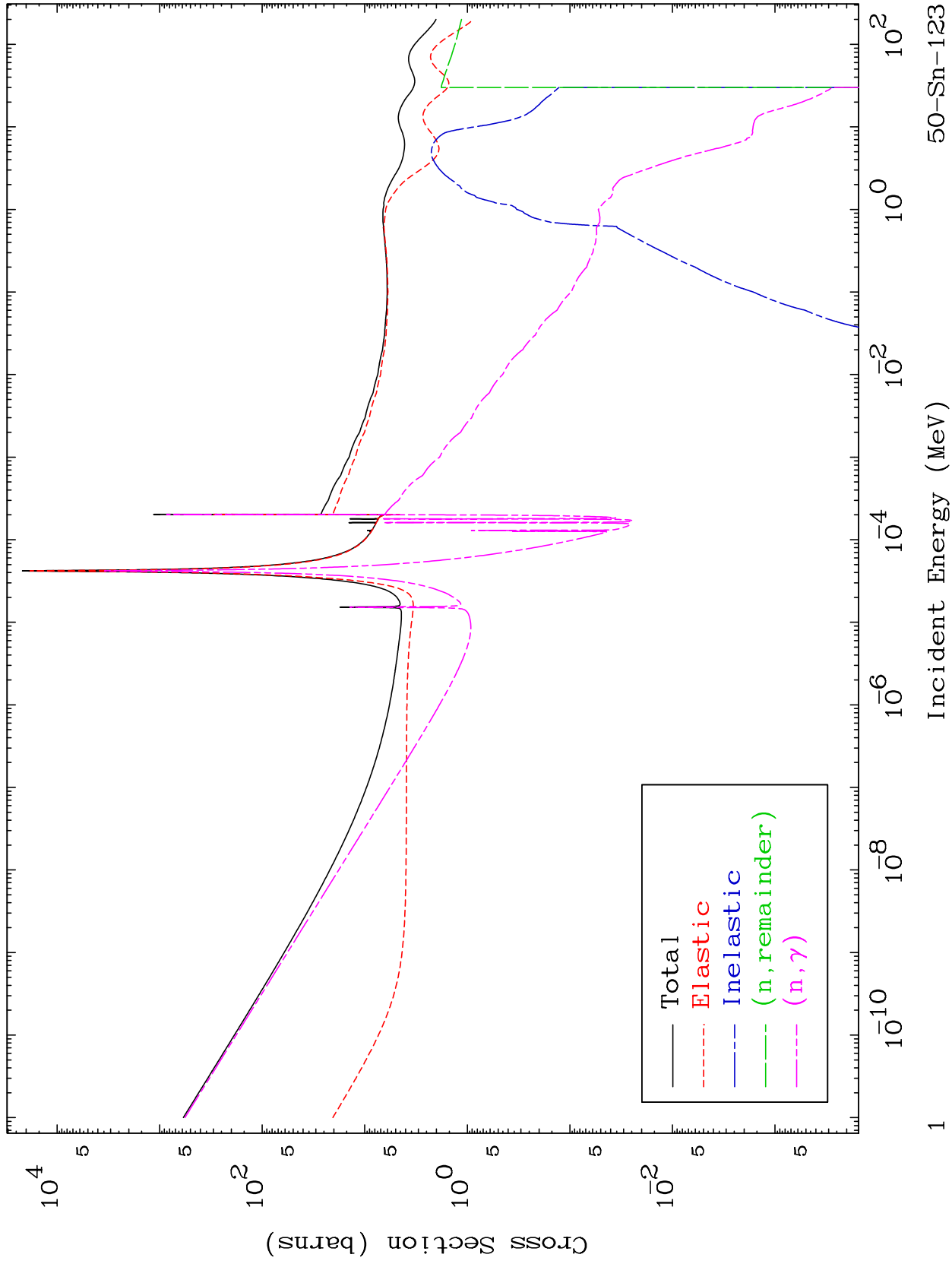
Press Mouse Button to Start

MAT 5058

Major

293 Kelvin Cross Sections

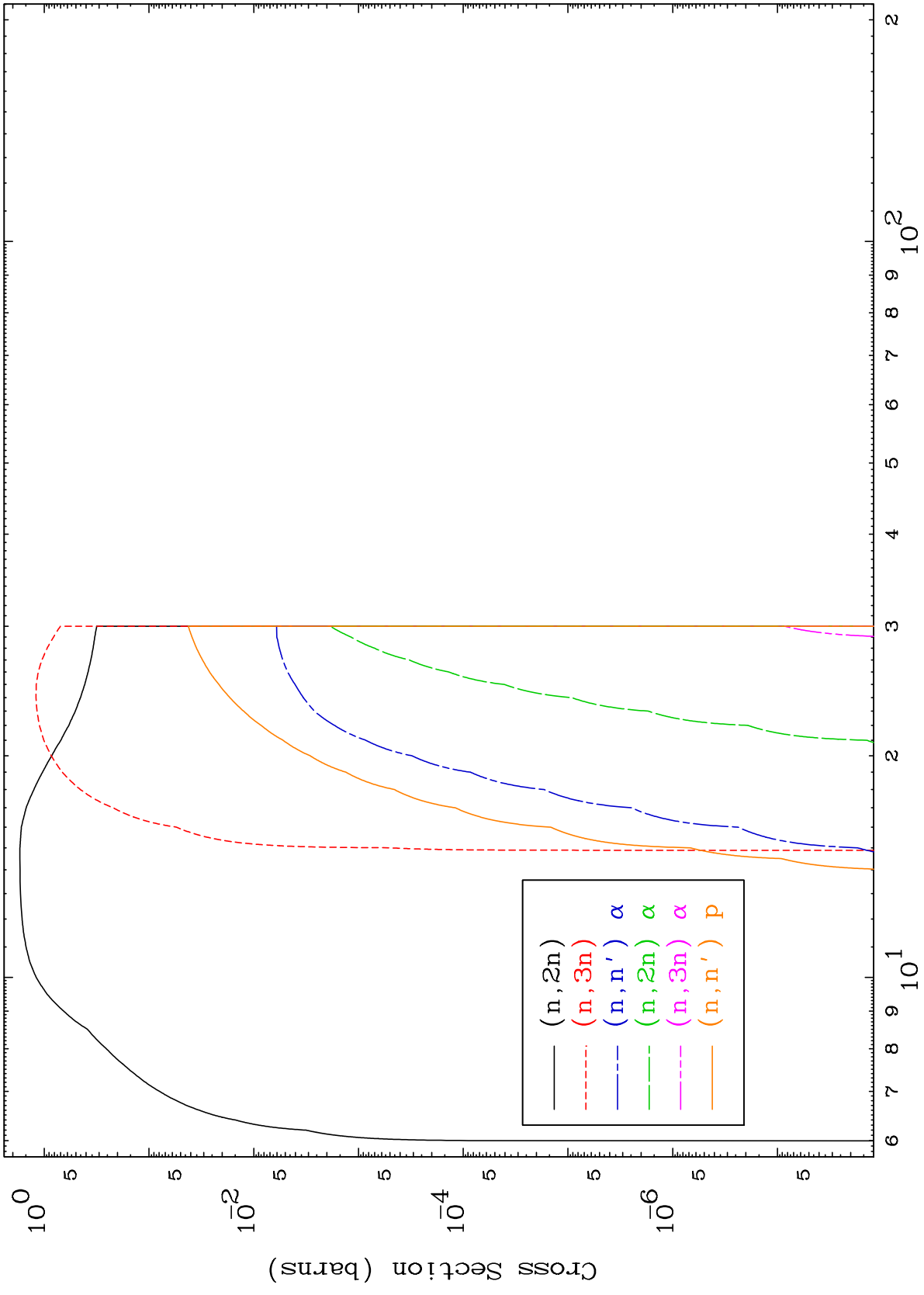
50-Sn-123



MAT 5058

Neutron Production
293 Kelvin Cross Sections

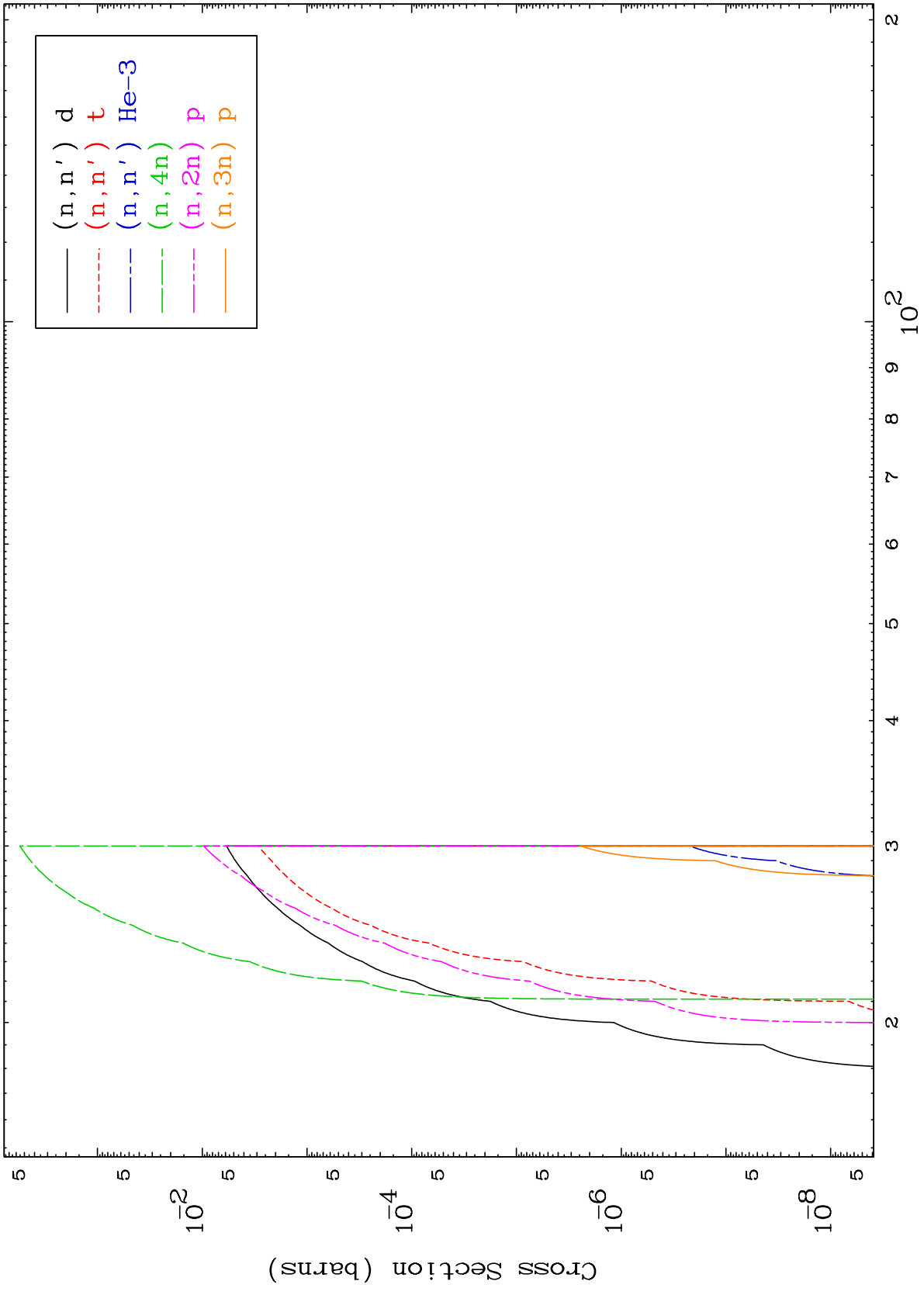
50-Sn-123



2

Incident Energy (MeV)

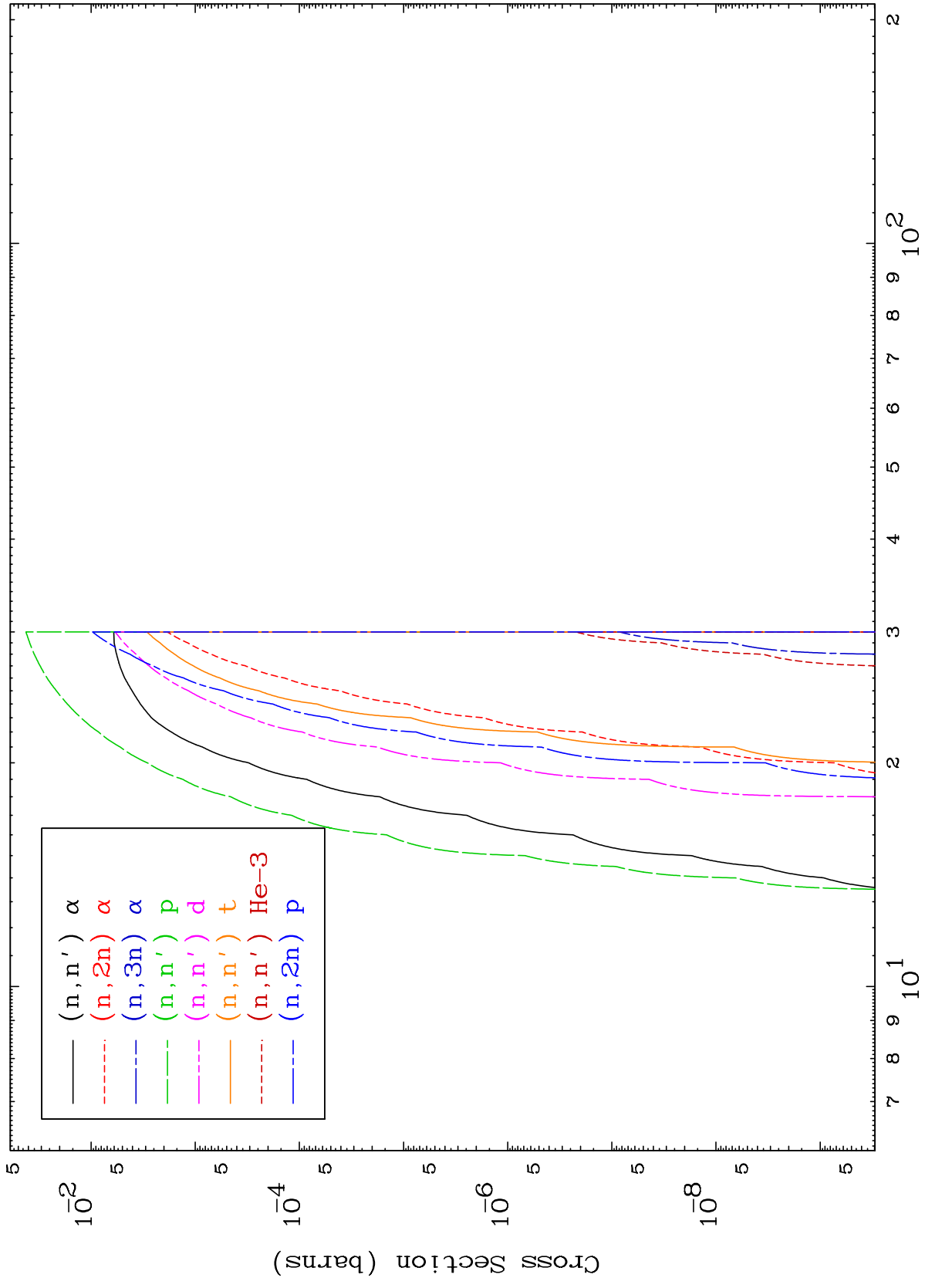
50-Sn-123



MAT 5058

Charged Particle
293 Kelvin Cross Sections

50-Sn-123



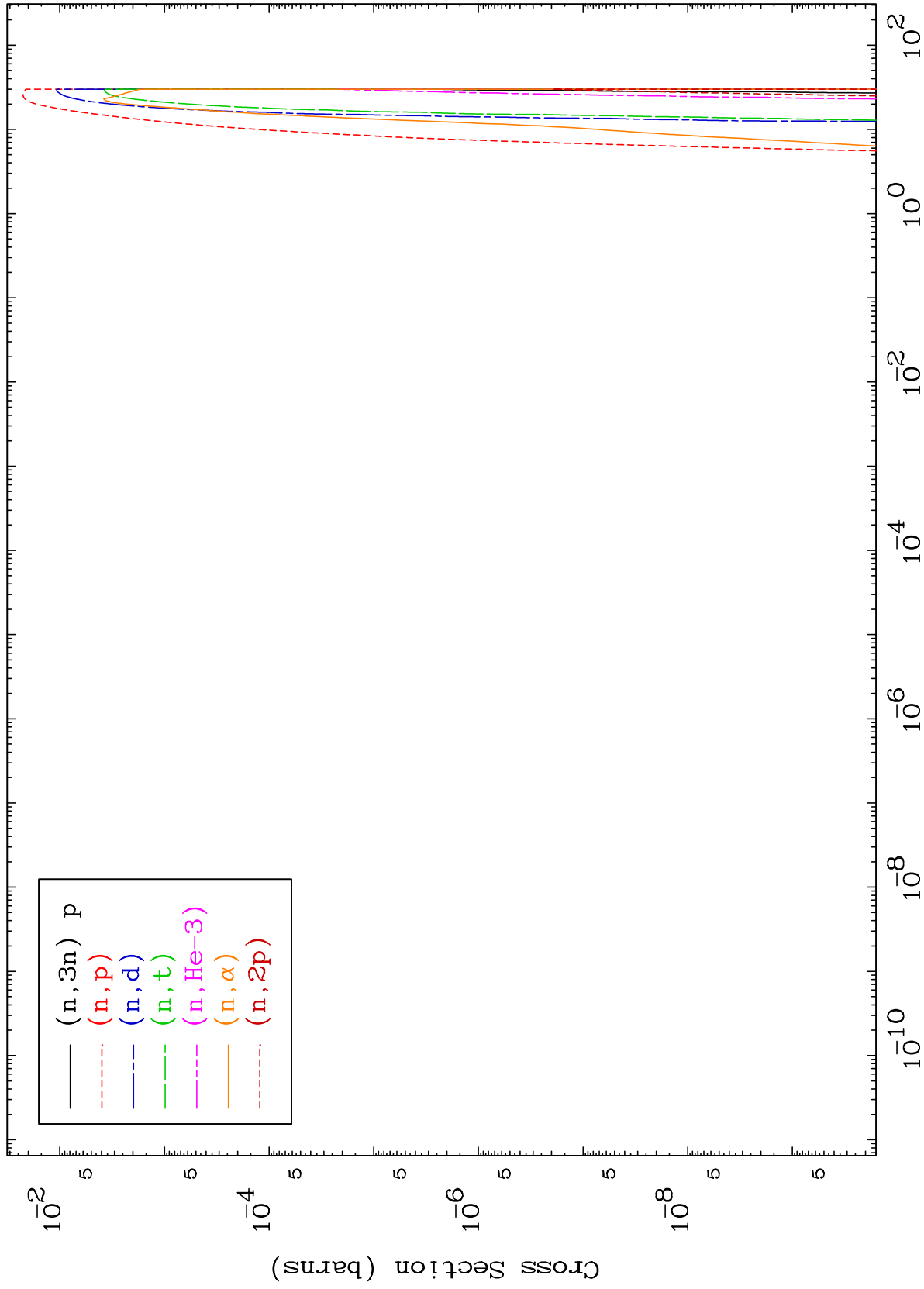
50-Sn-123

Incident Energy (MeV)

MAT 5058

Charged Particle
293 Kelvin Cross Sections

50-Sn-123



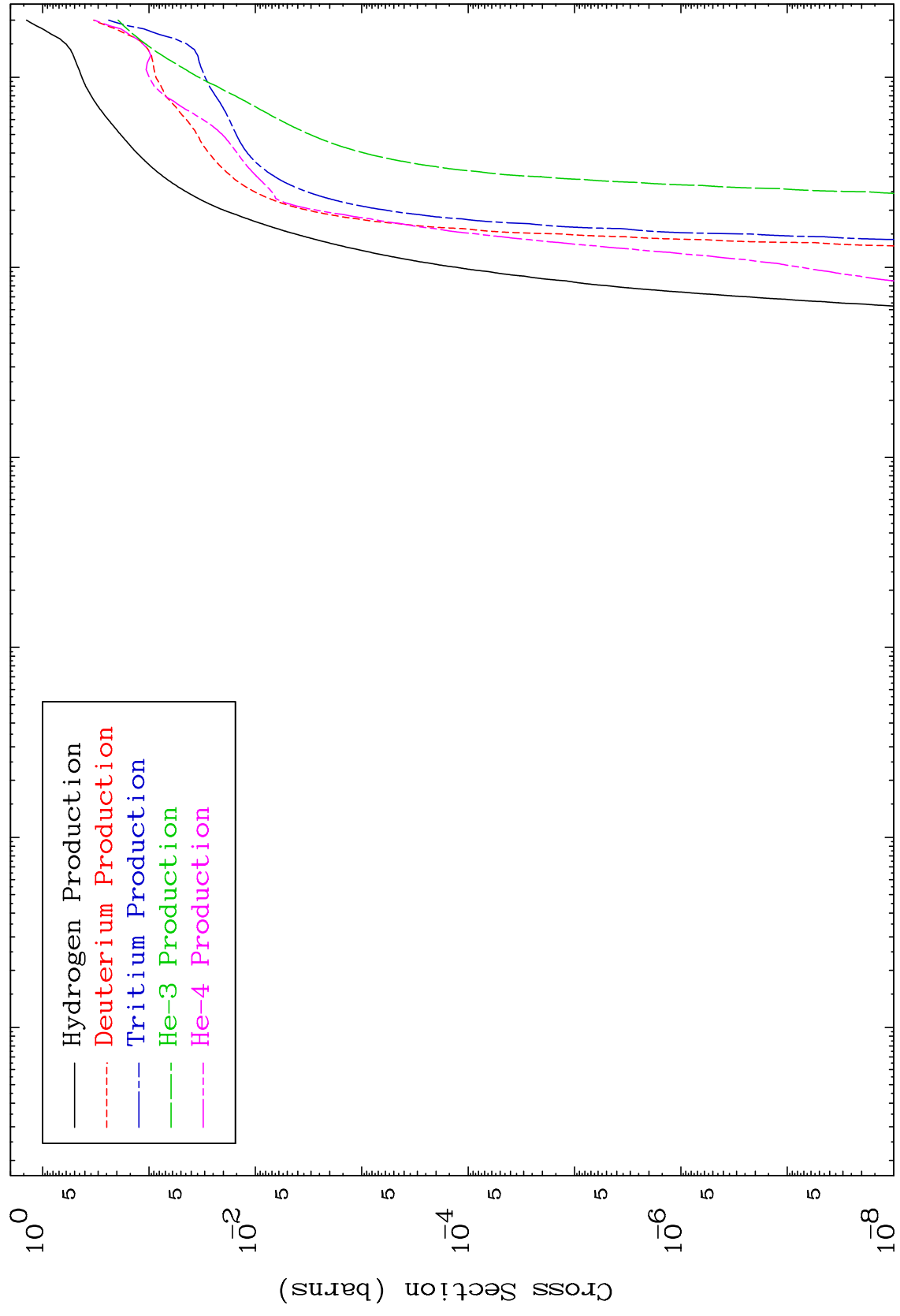
5

50-Sn-123

MAT 5058

Particle Production
293 Kelvin Cross Sections

50-Sn-123

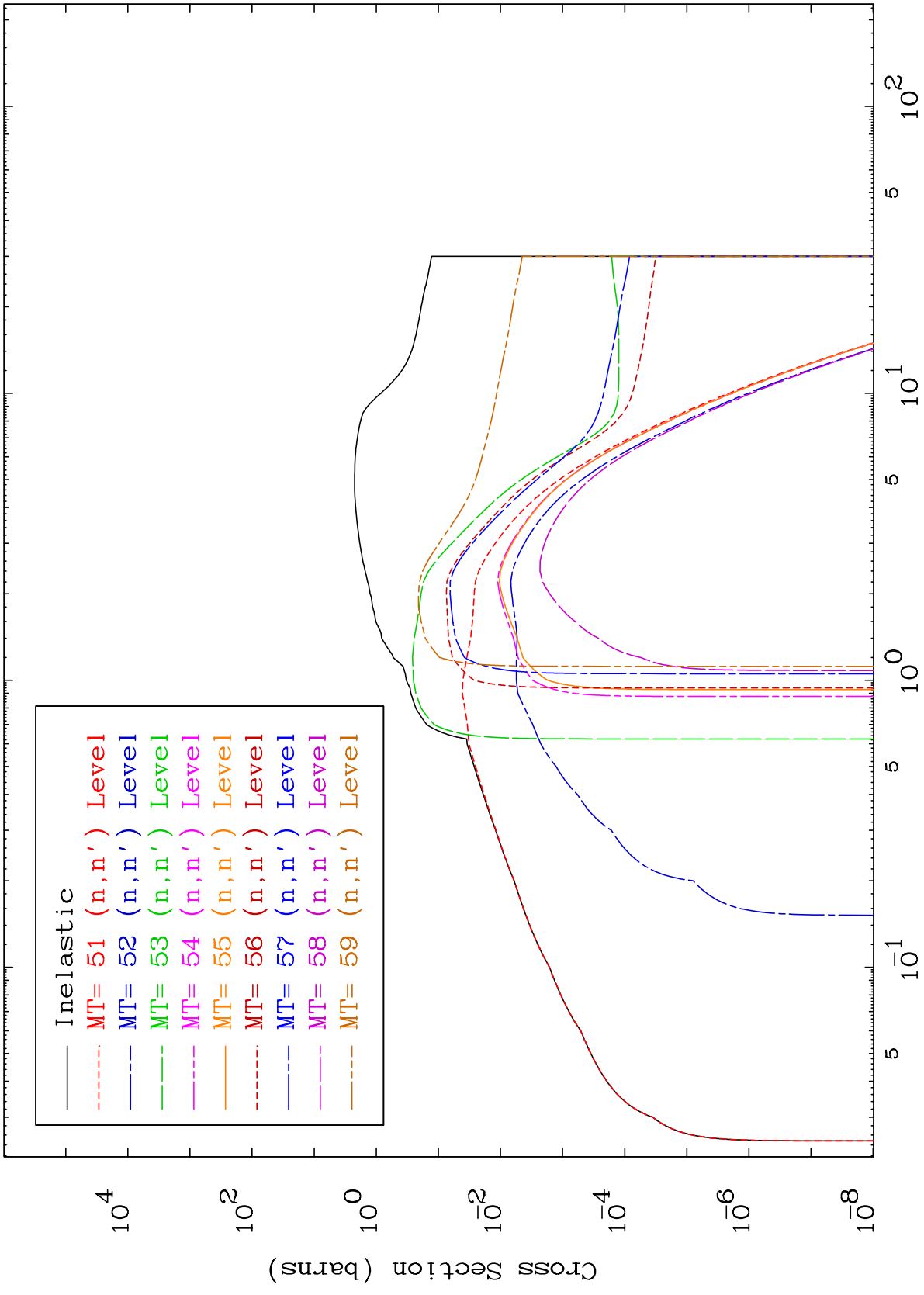


50-Sn-123

MAT 5058

(n,n') Level
293 Kelvin Cross Sections

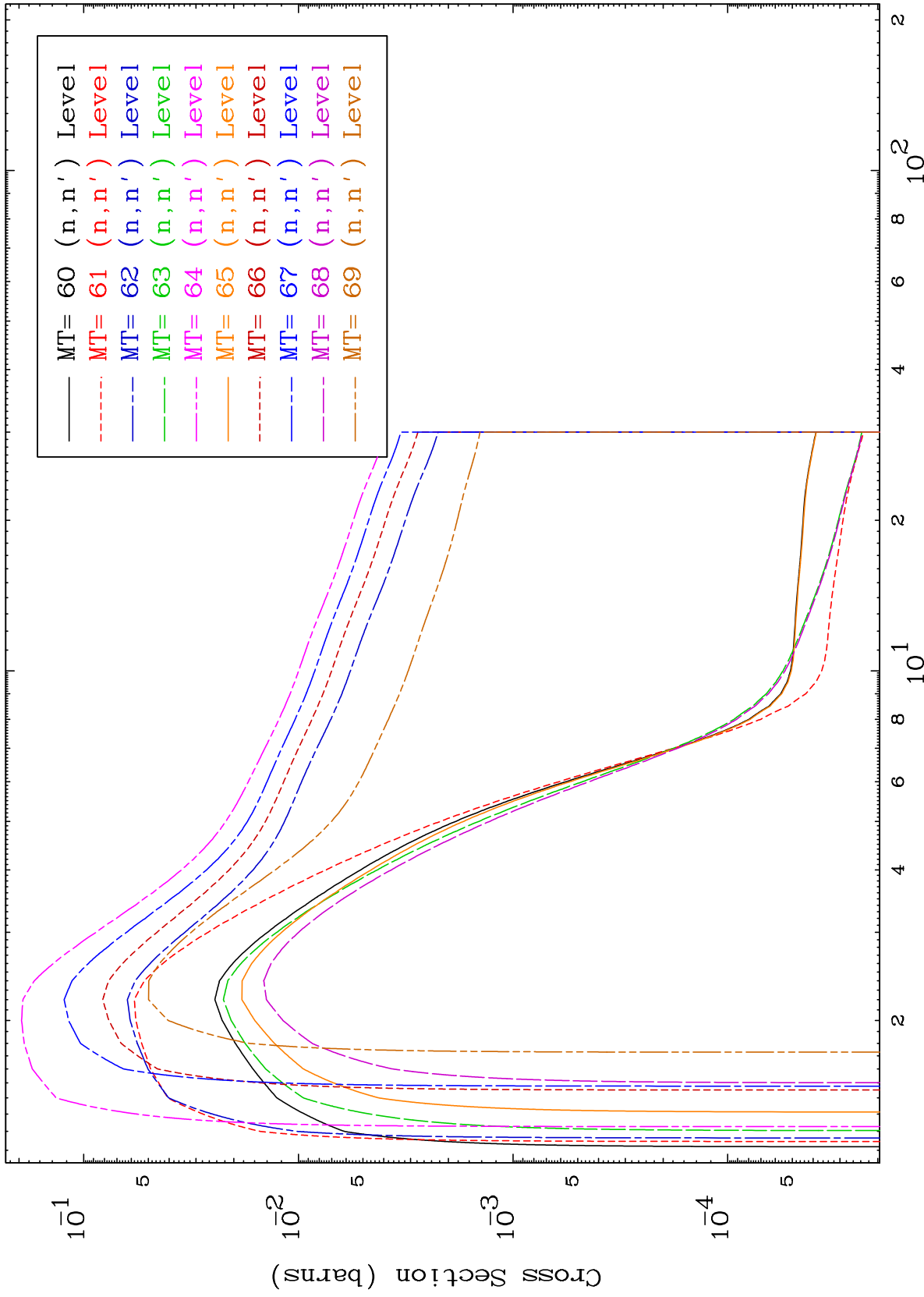
50-Sn-123



MAT 5058

(n,n') Level
293 Kelvin Cross Sections

50-Sn-123



8

Incident Energy (MeV)

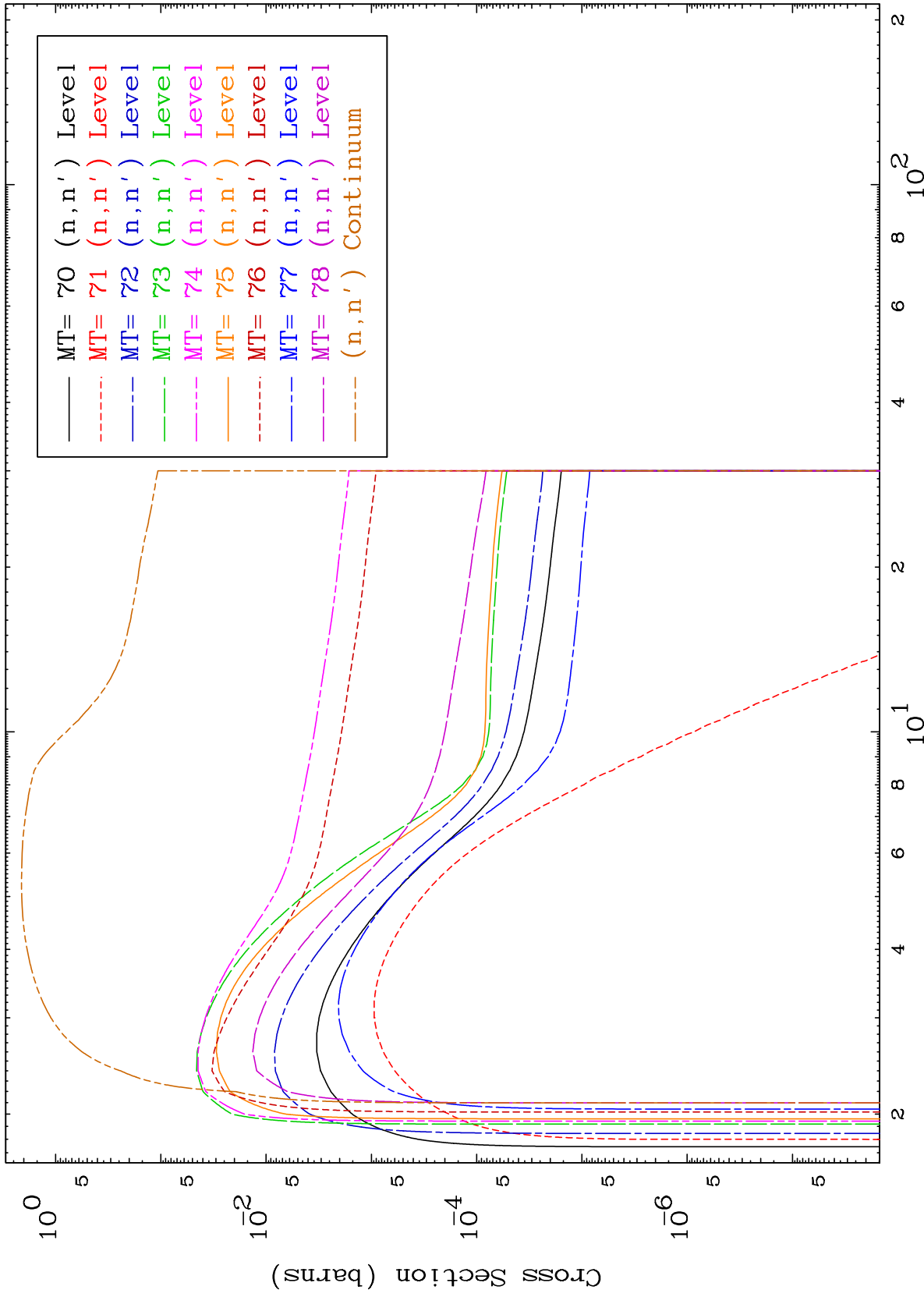
50-Sn-123

MAT 5058

(n,n') Level

50-Sn-123

293 Kelvin Cross Sections



9

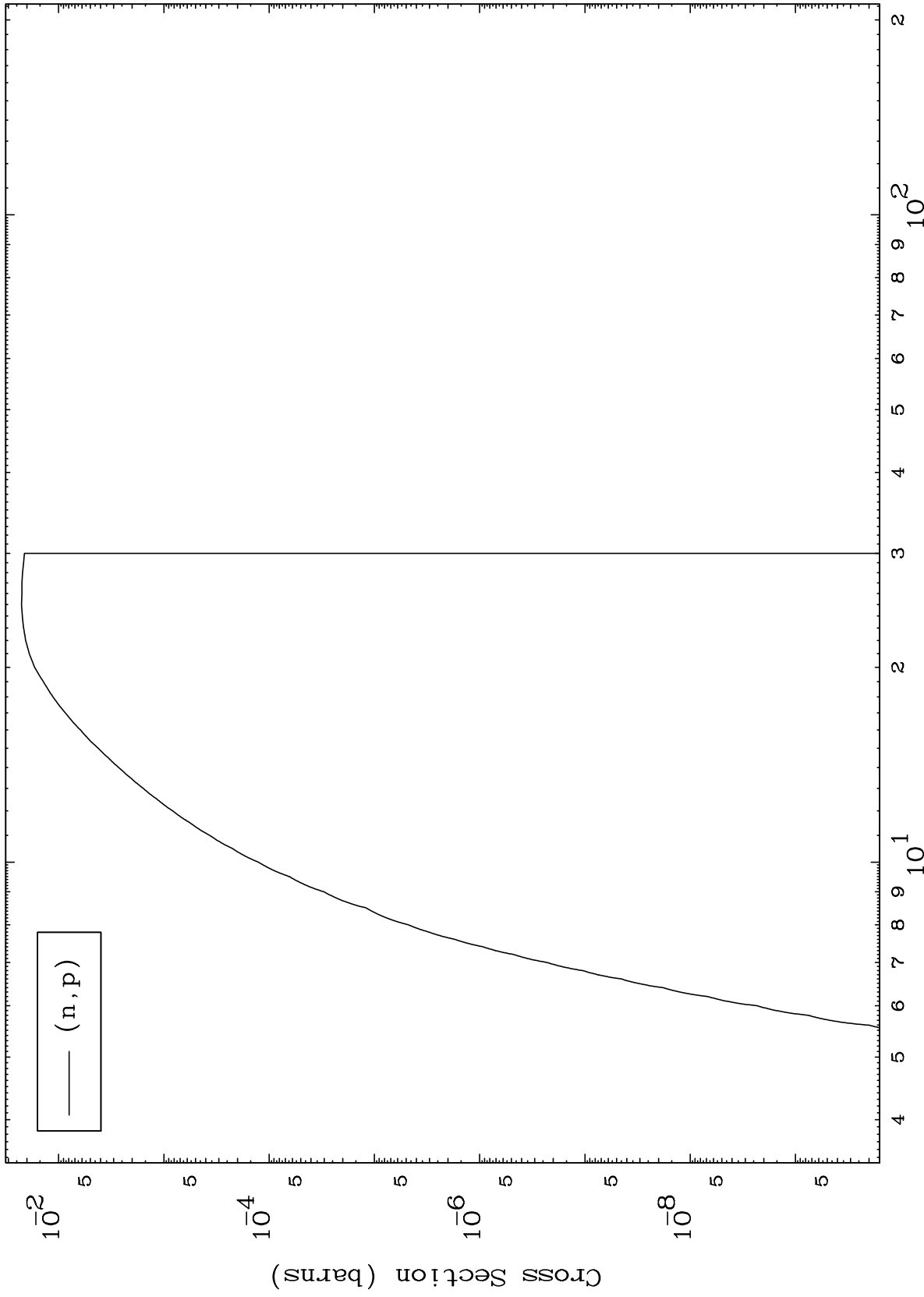
Incident Energy (MeV)

50-Sn-123

MAT 5058

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-123



10

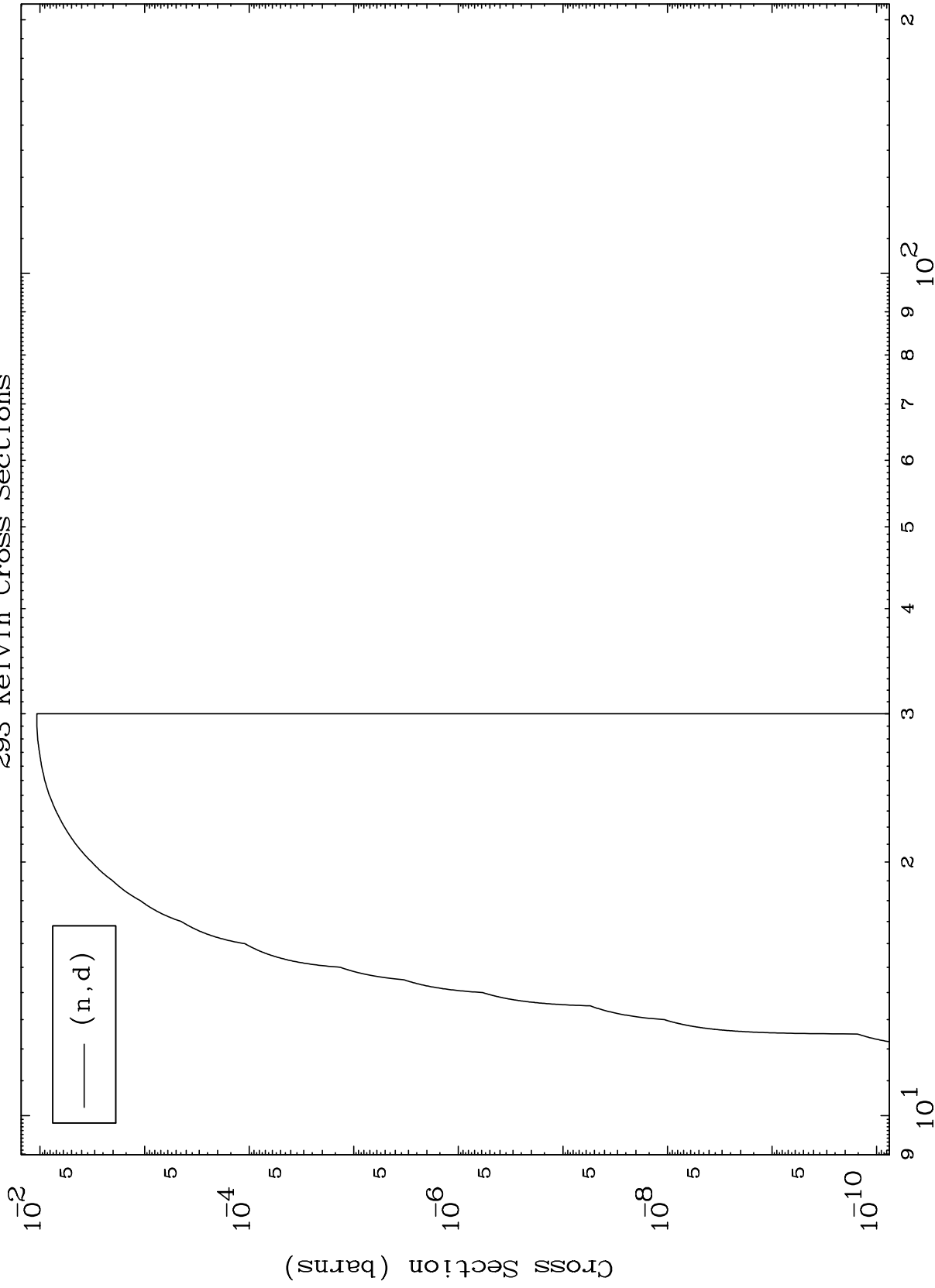
Incident Energy (MeV)

50-Sn-123

MAT 5058

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-123



11

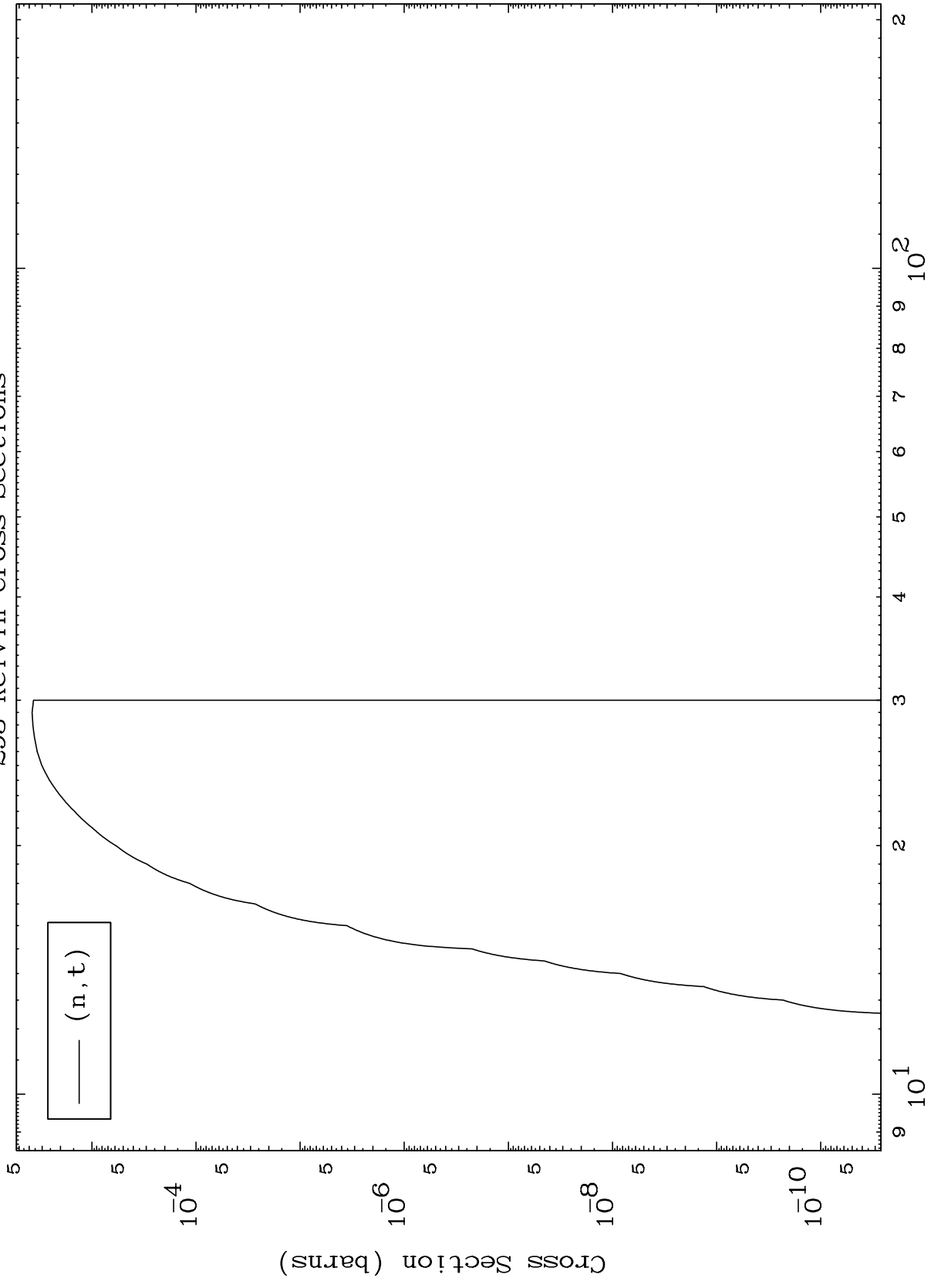
Incident Energy (MeV)

50-Sn-123

MAT 5058

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-123



12

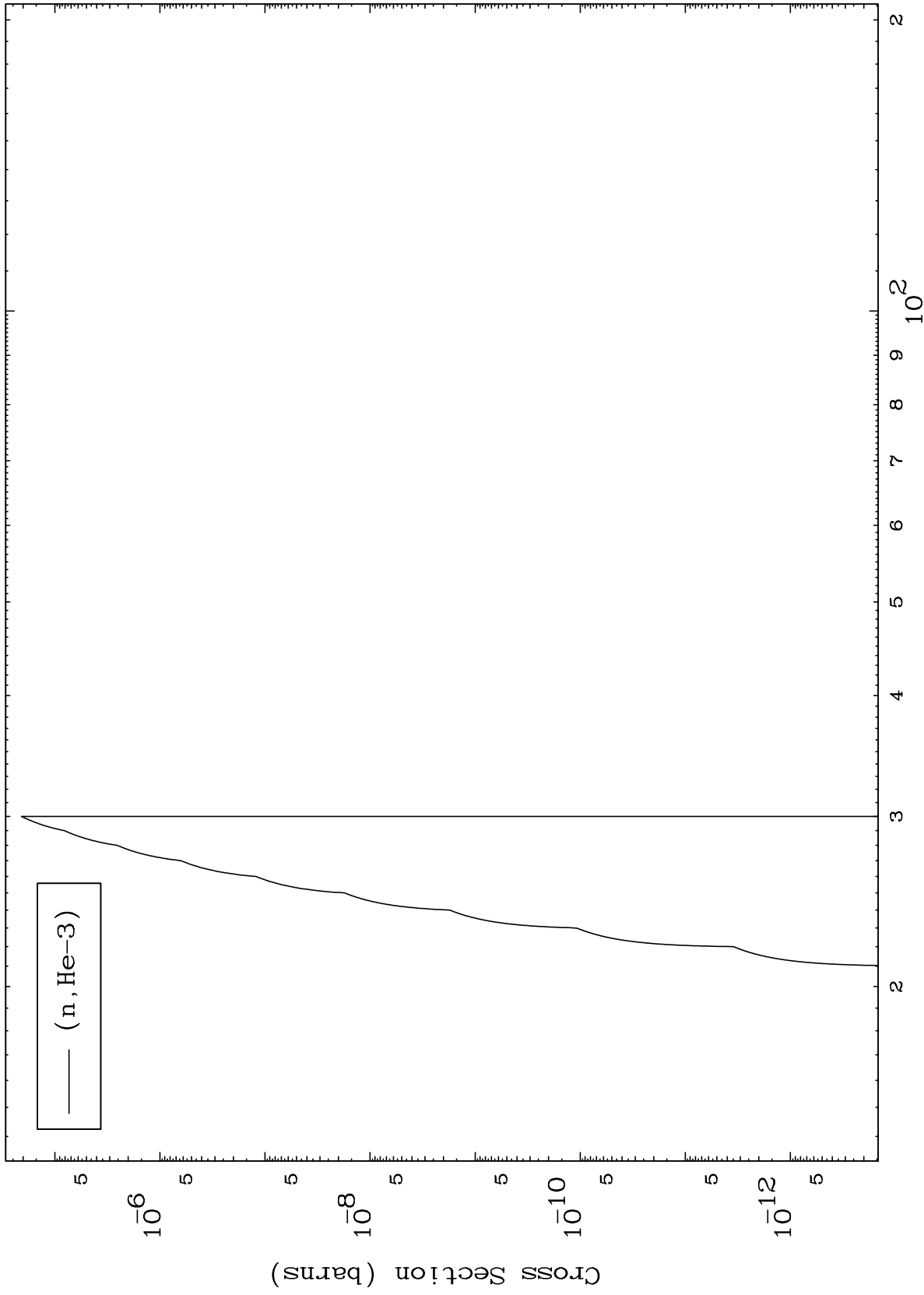
Incident Energy (MeV)

50-Sn-123

MAT 5058

(n,He3) Levels
293 Kelvin Cross Sections

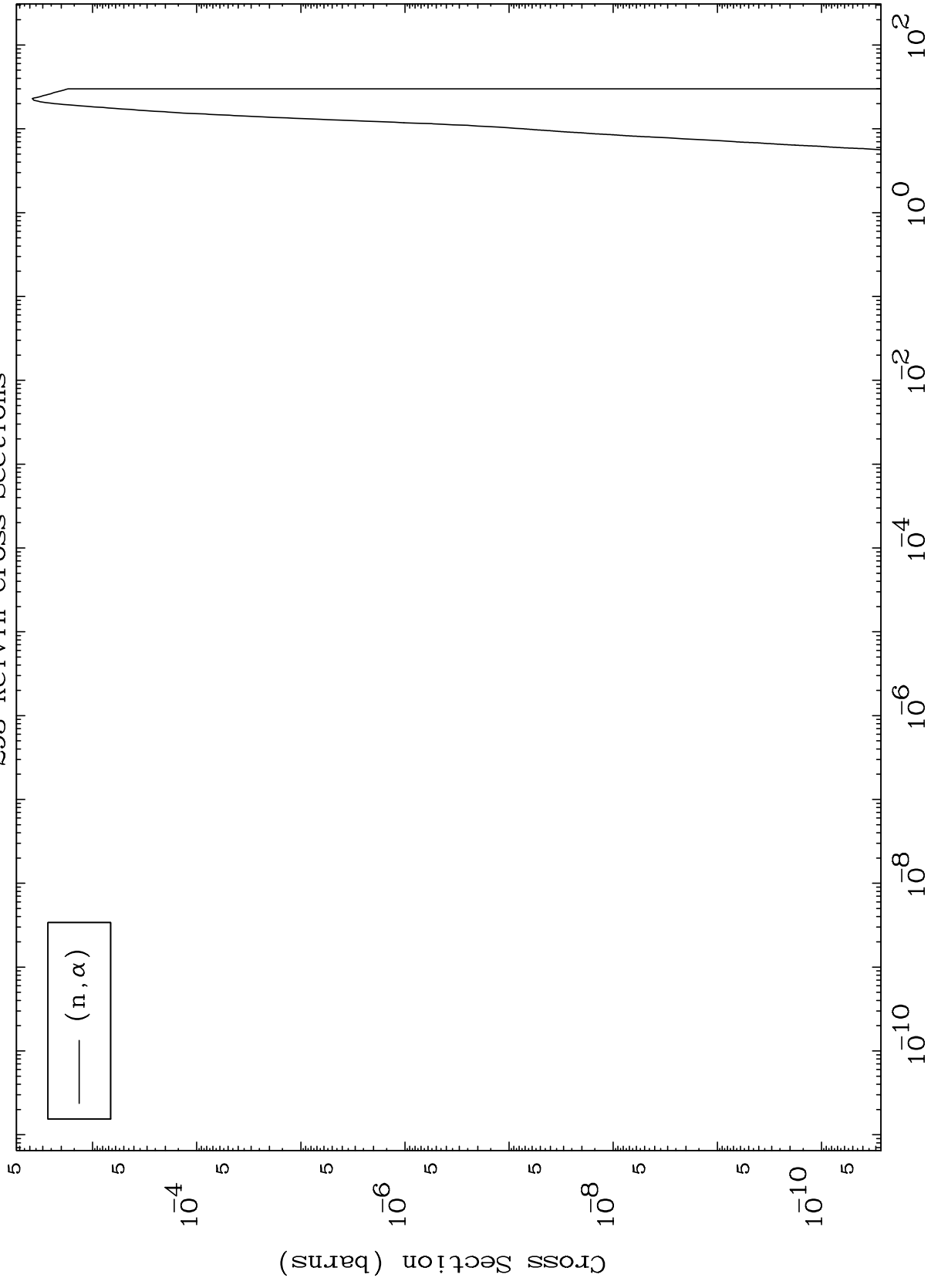
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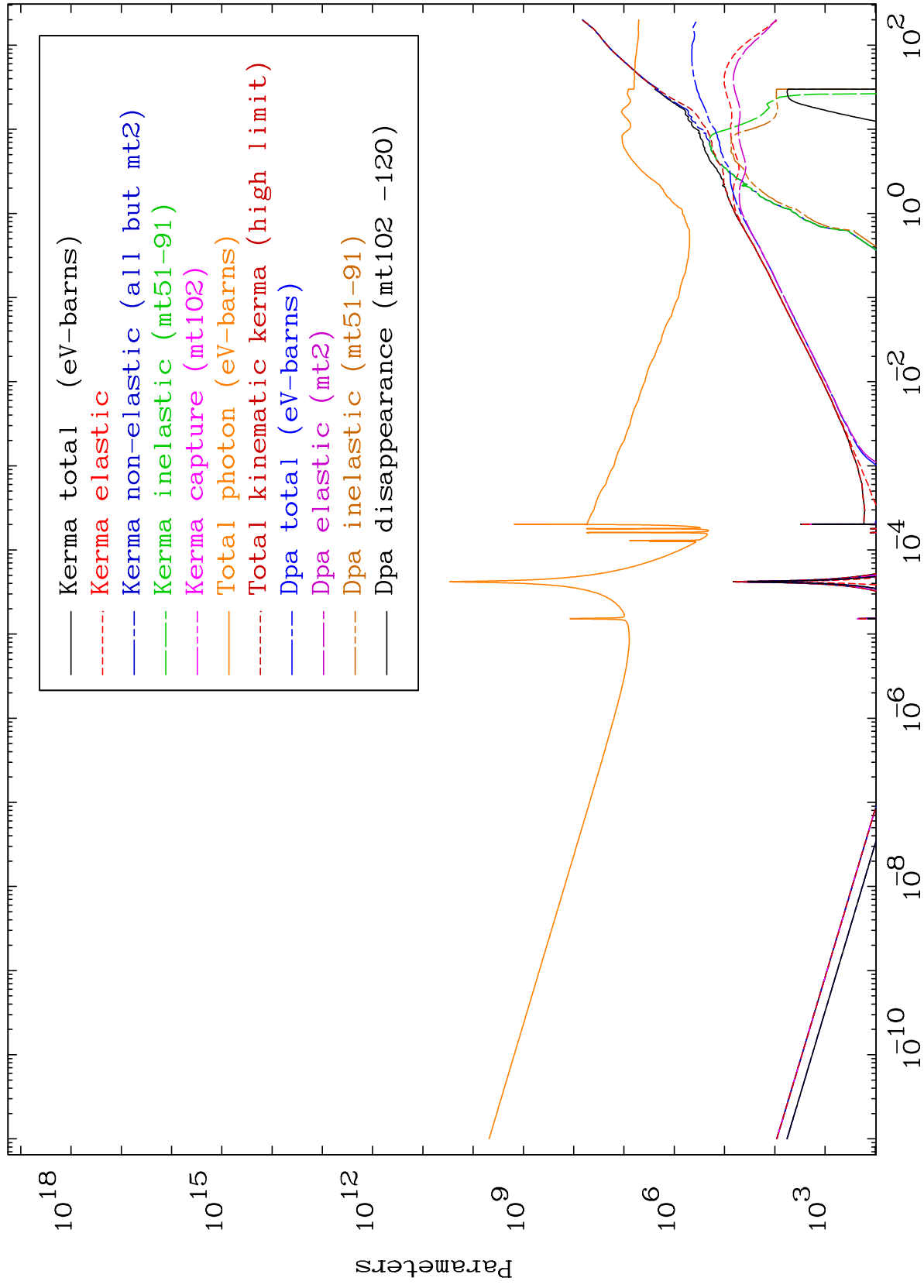


MAT 5058

(n,α) Levels
293 Kelvin Cross Sections

50-Sn-123

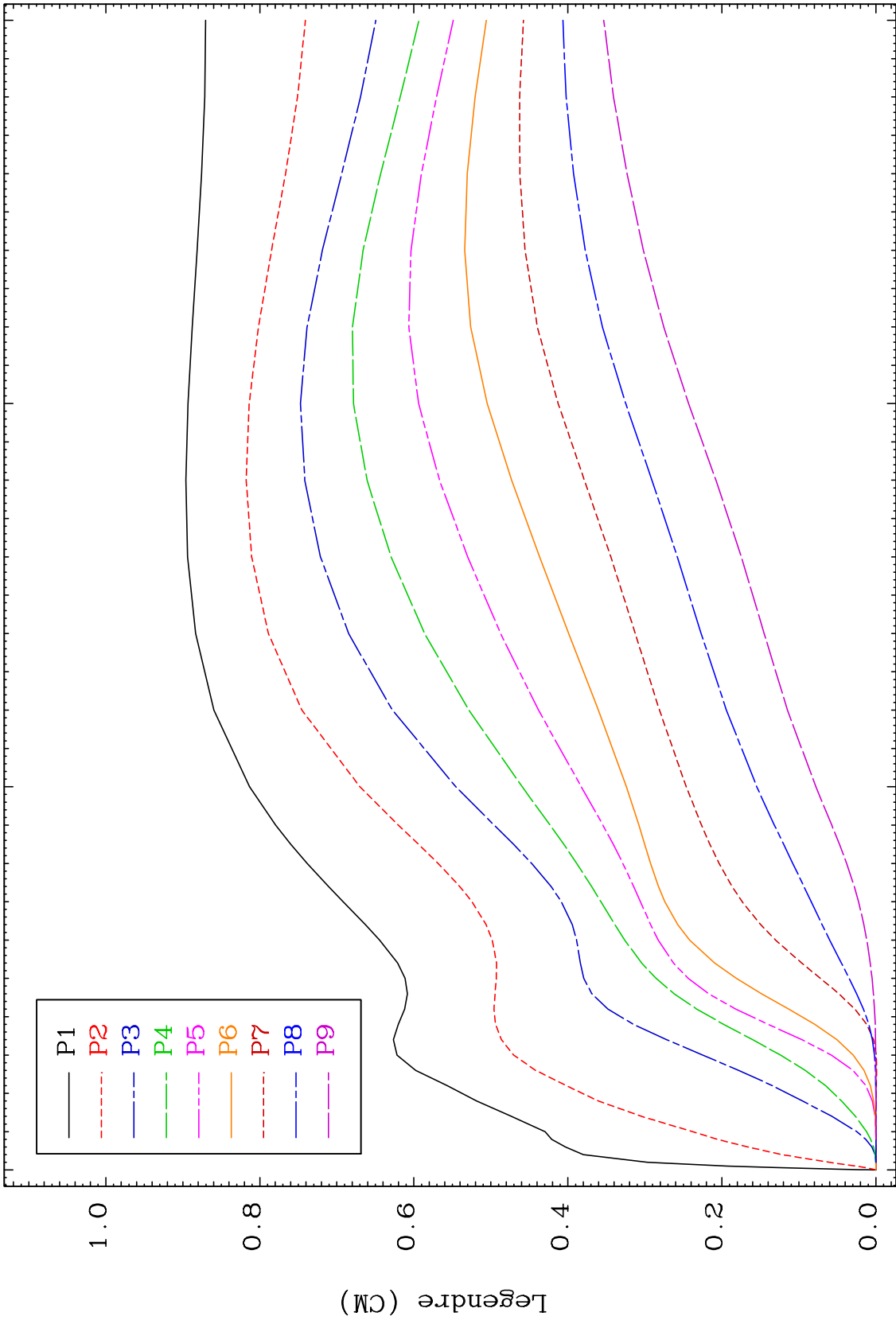




MAT 5058

Elastic Legendre Coefficients

50-Sn-123



16

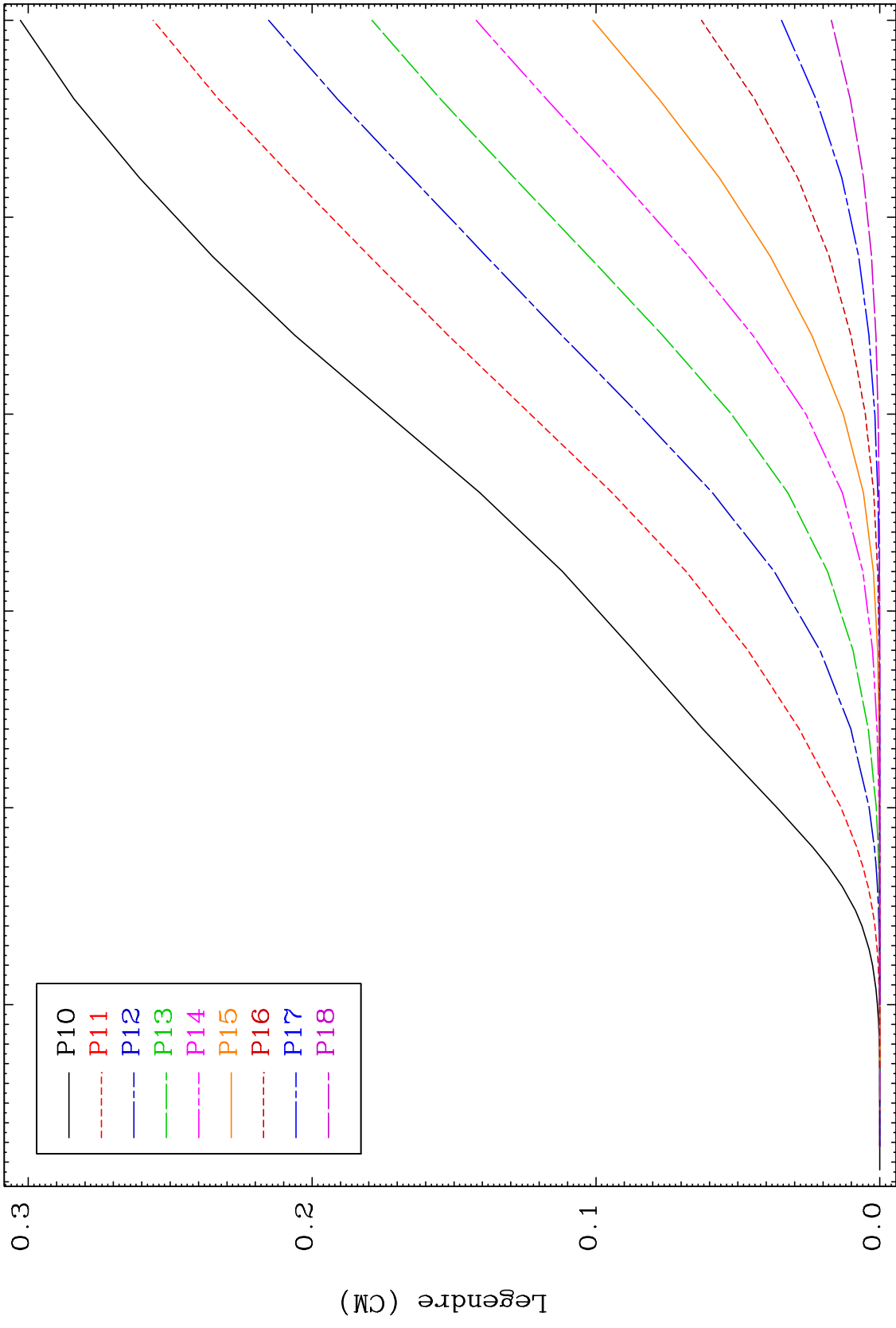
Incident Energy (MeV)

50-Sn-123

MAT 5058

Elastic Legendre Coefficients

50-Sn-123



17

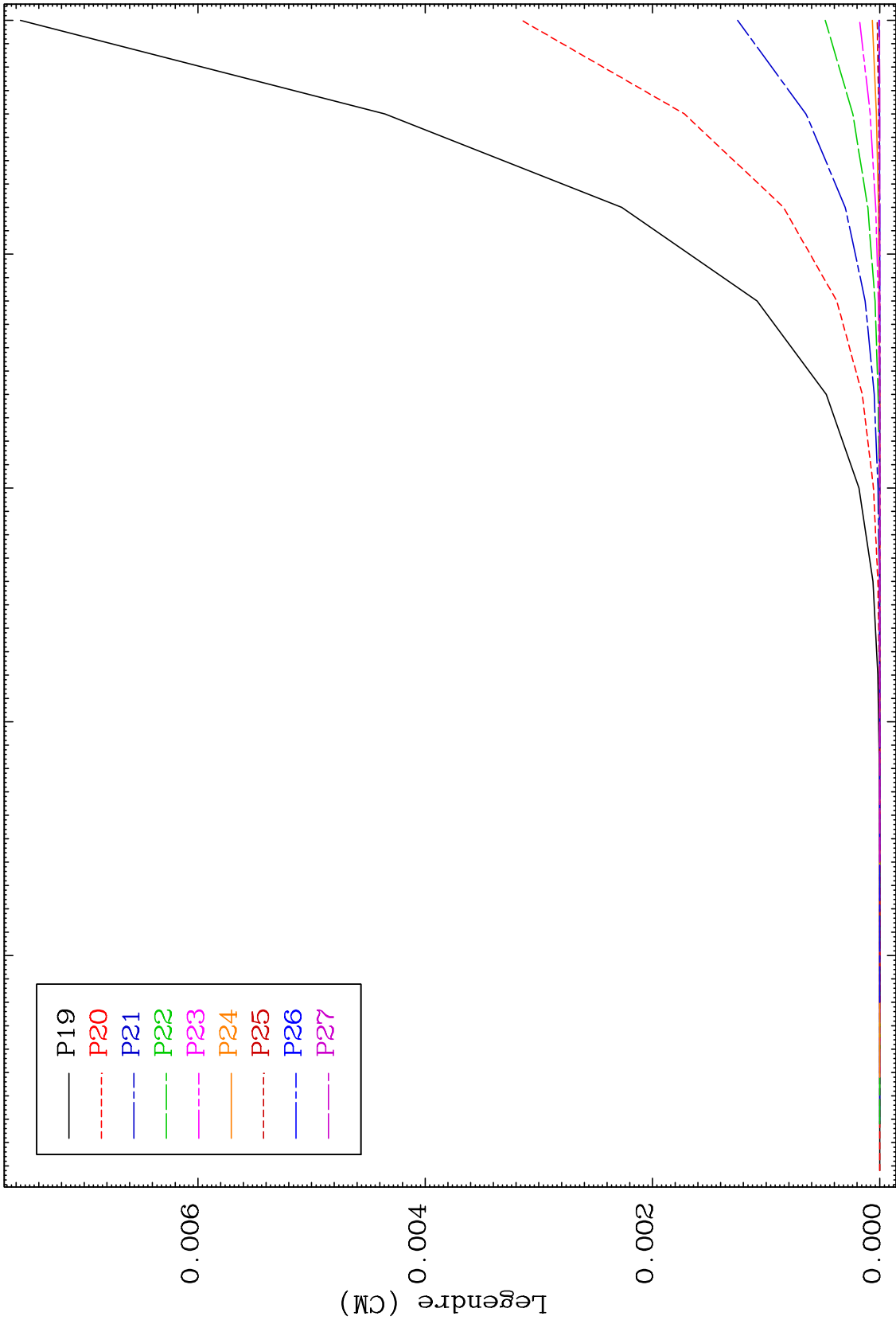
Incident Energy (MeV)

50-Sn-123

MAT 5058

Elastic Legendre Coefficients

50-Sn-123



18

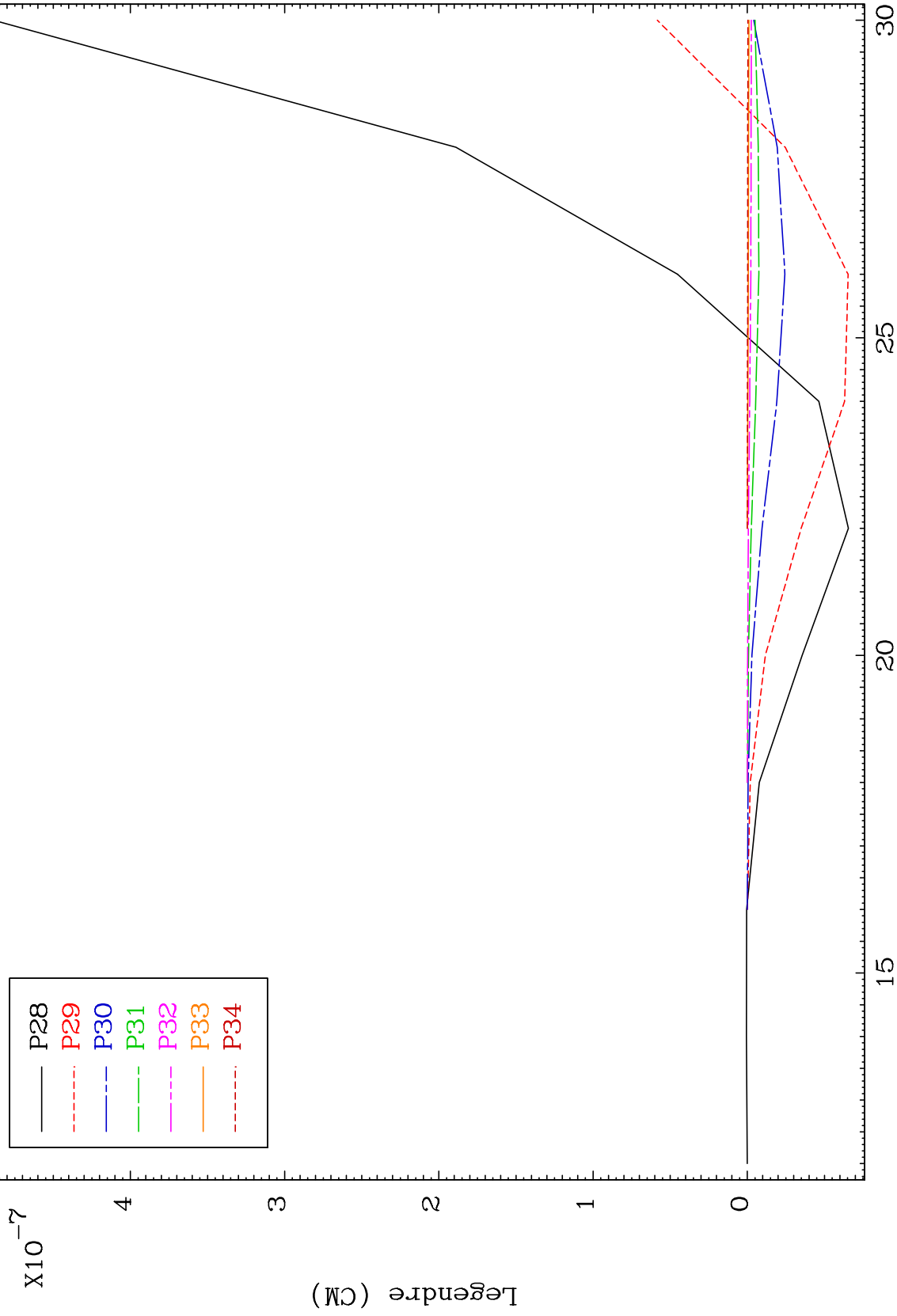
Incident Energy (MeV)

50-Sn-123

MAT 5058

Elastic Legendre Coefficients

50-Sn-123

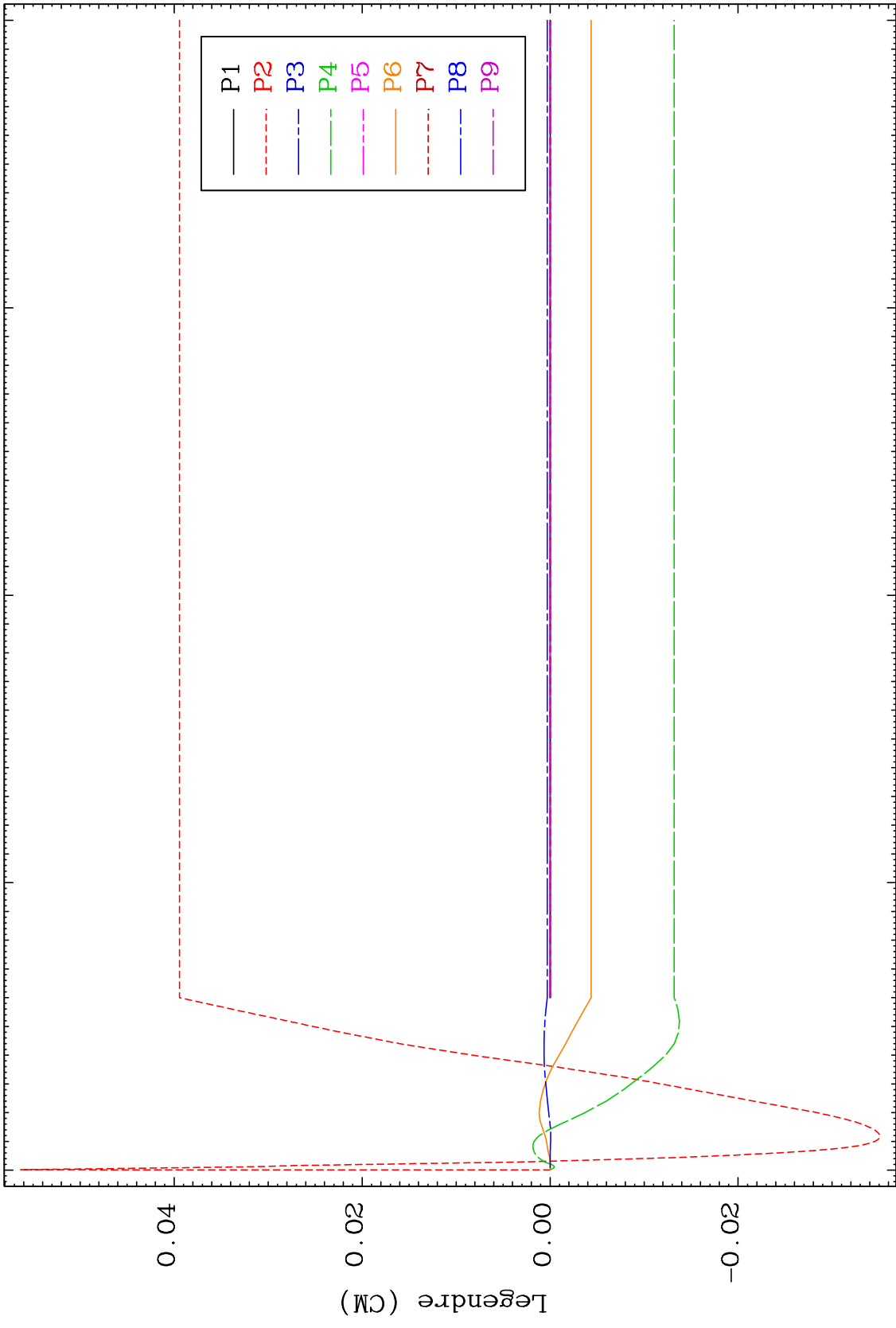


19

Incident Energy (MeV)

50-Sn-123

MAT 5058 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-123

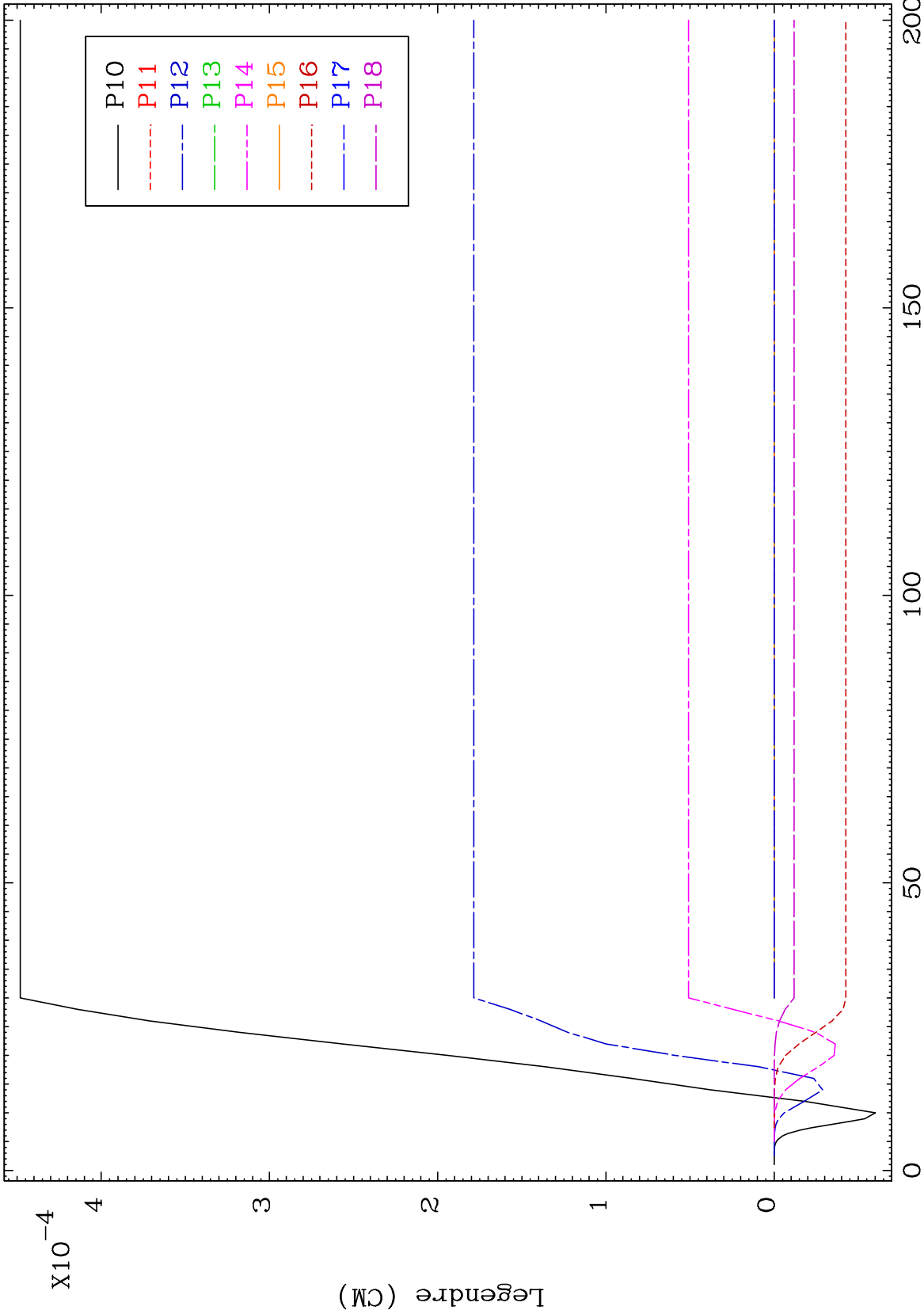


50-Sn-123

MAT 5058

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

50-Sn-123

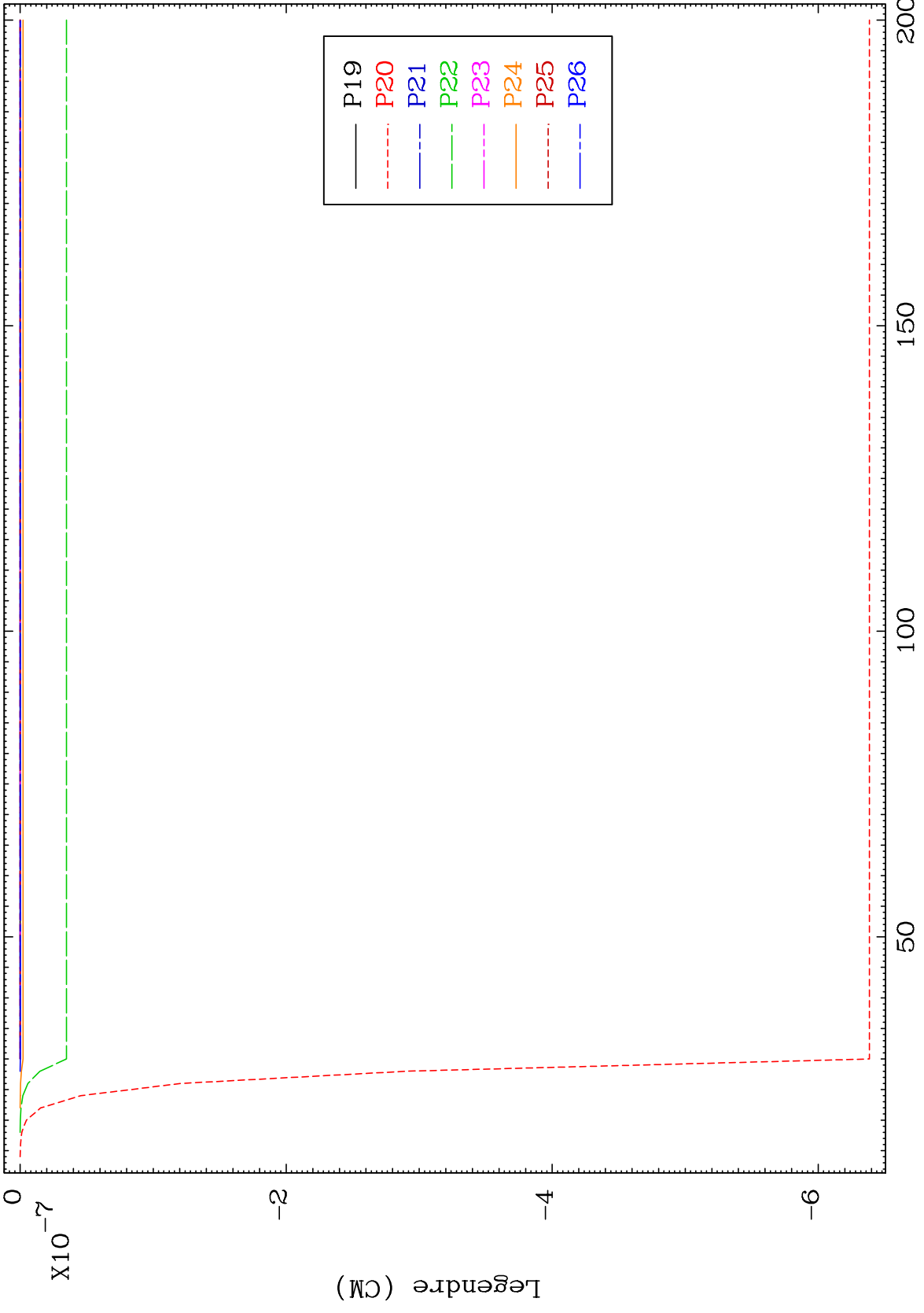


21

Incident Energy (MeV)

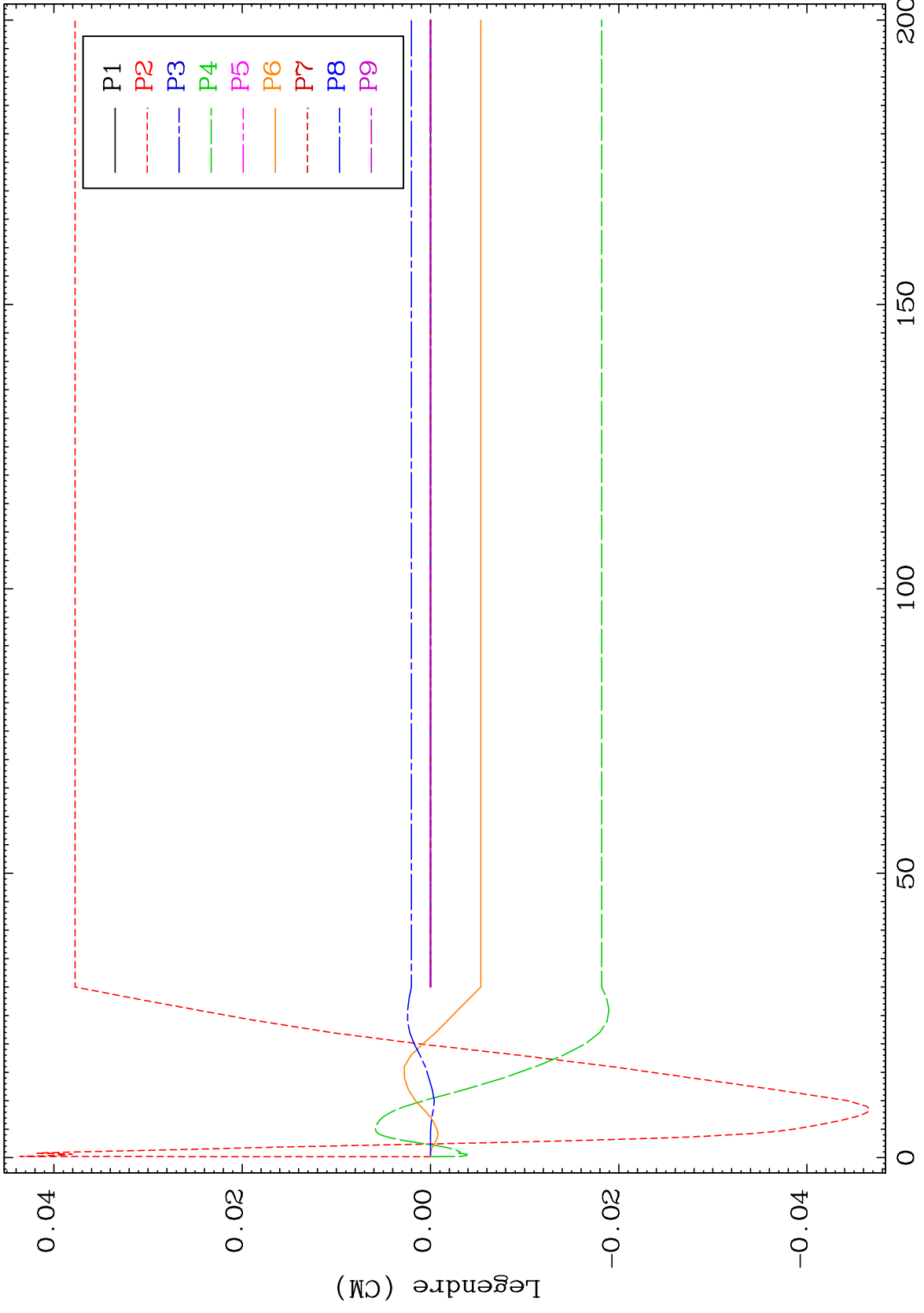
50-Sn-123

MAT 5058 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-123



22 50-Sn-123

MAT 5058 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-123

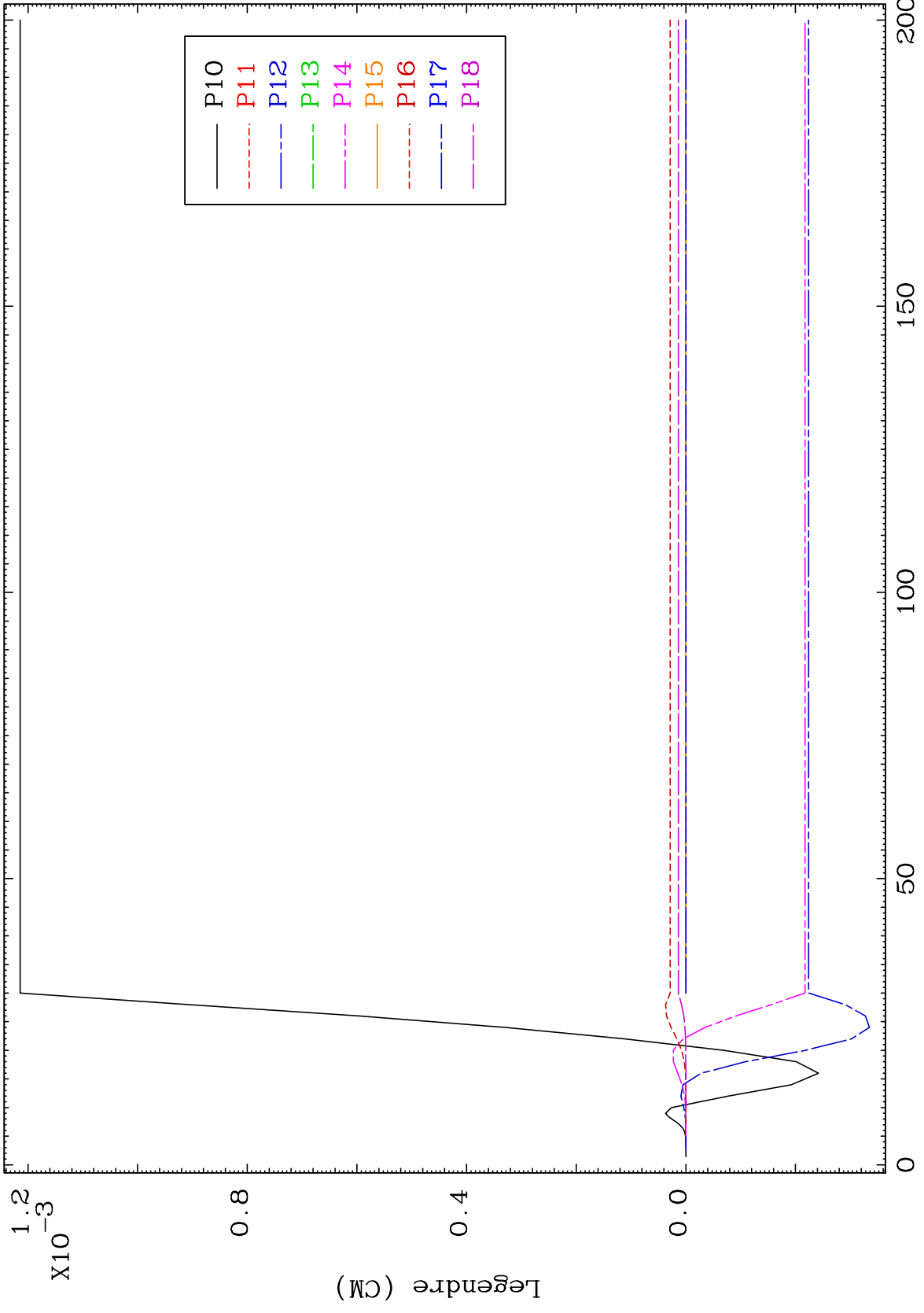


23 Incident Energy (MeV) 50-Sn-123

MAT 5058

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

50-Sn-123

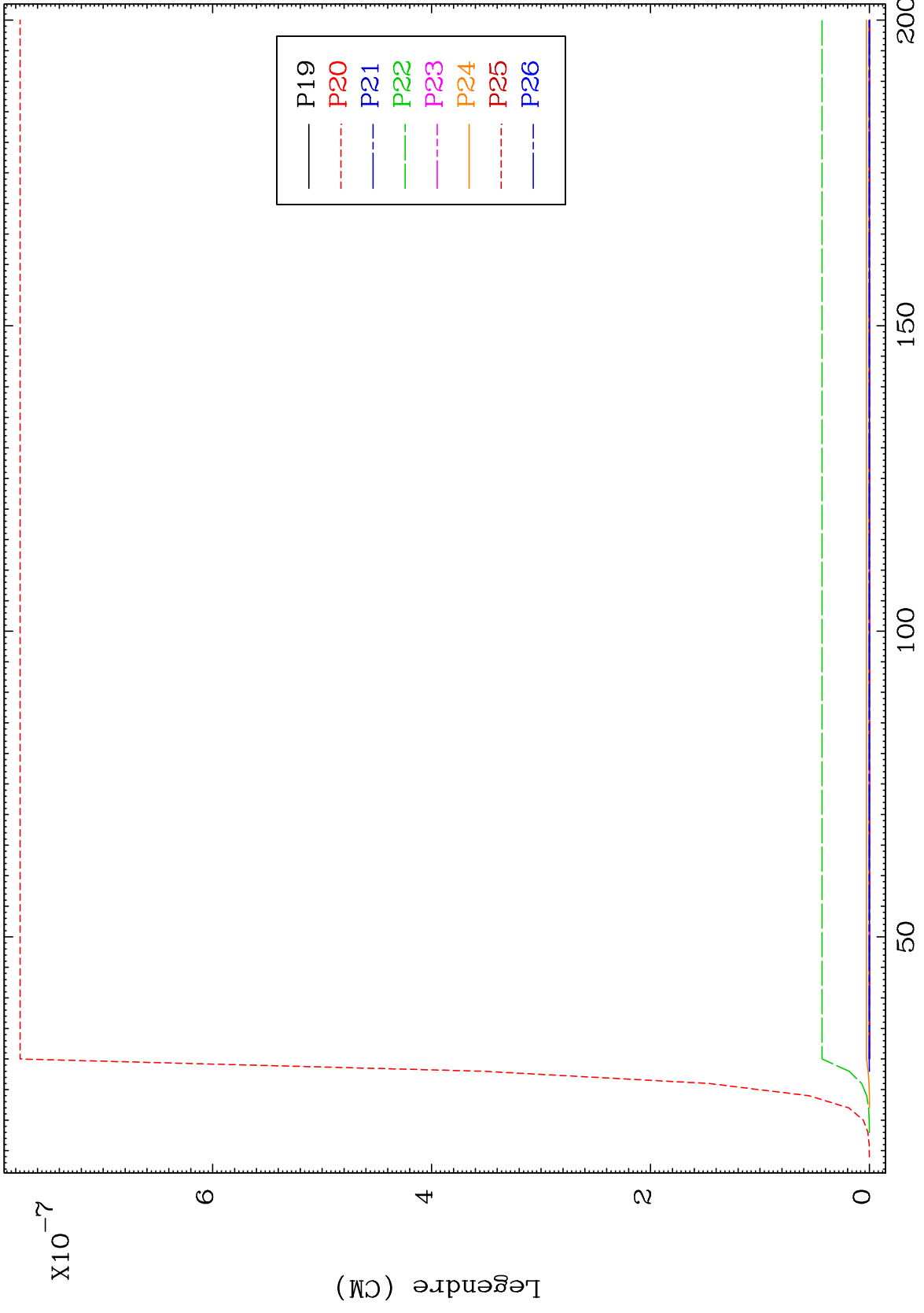


24

Incident Energy (MeV)

50-Sn-123

MAT 5058 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-123

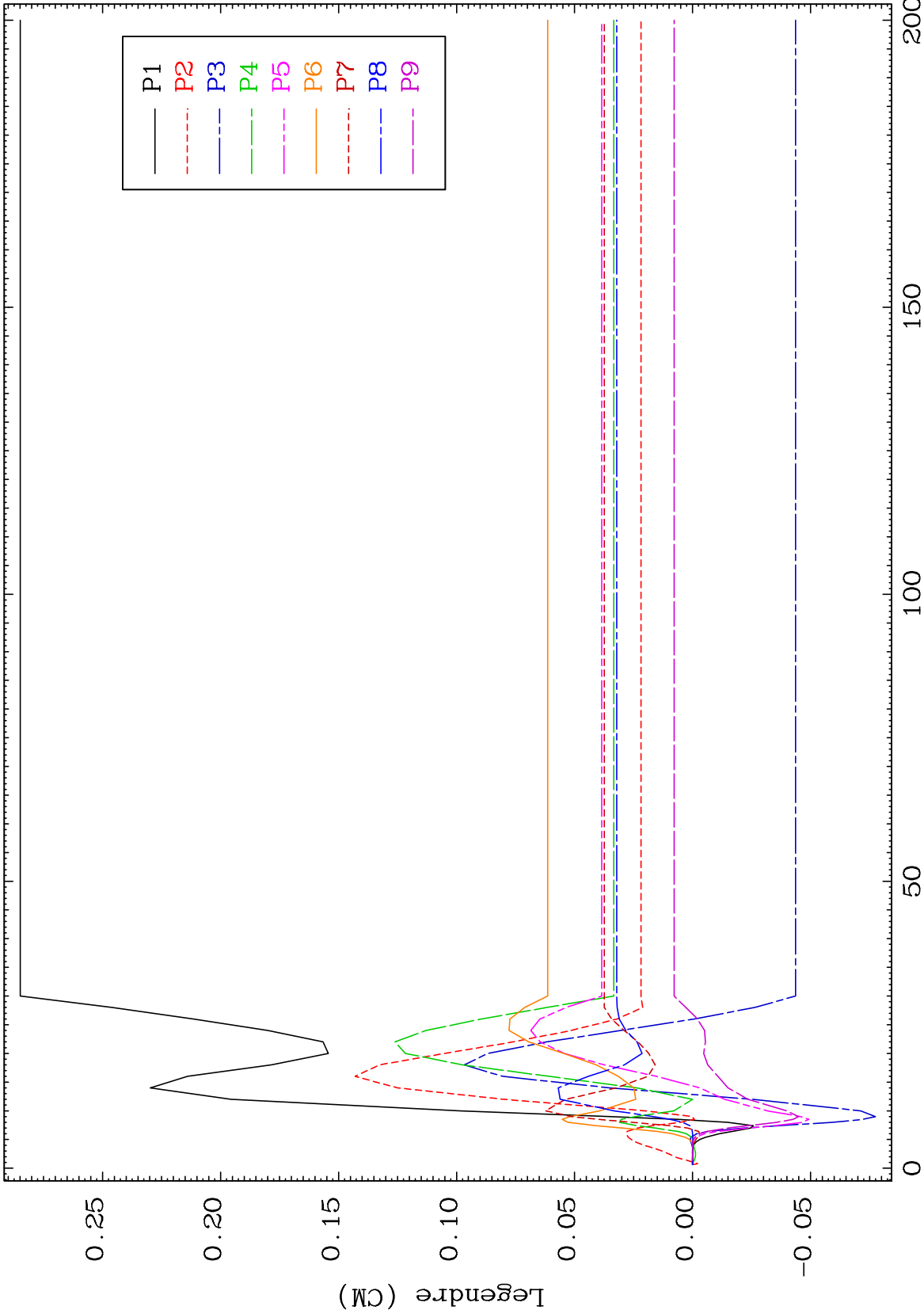


25 50 100 150 200 50-Sn-123

MAT 5058

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

50-Sn-123



26

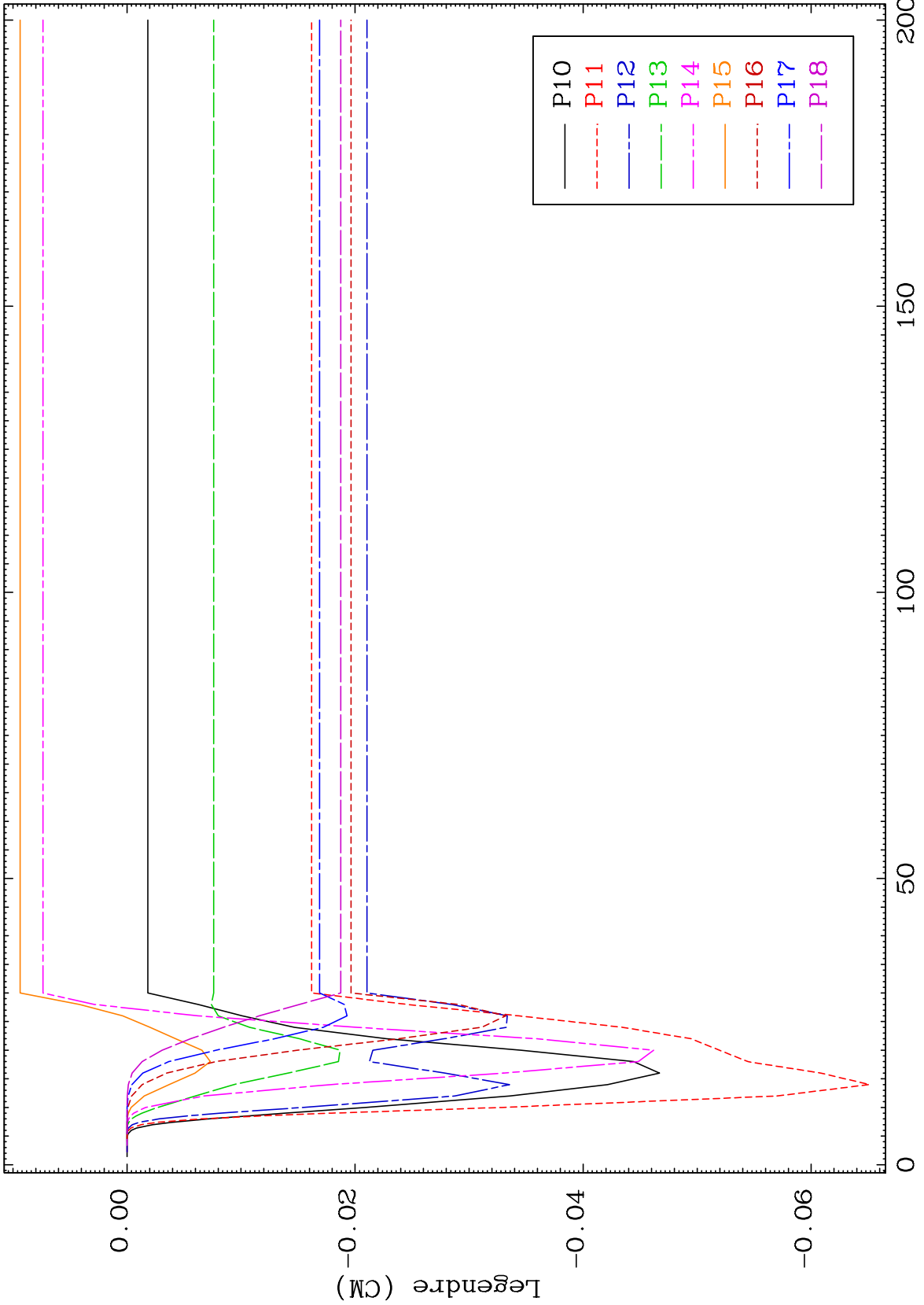
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123

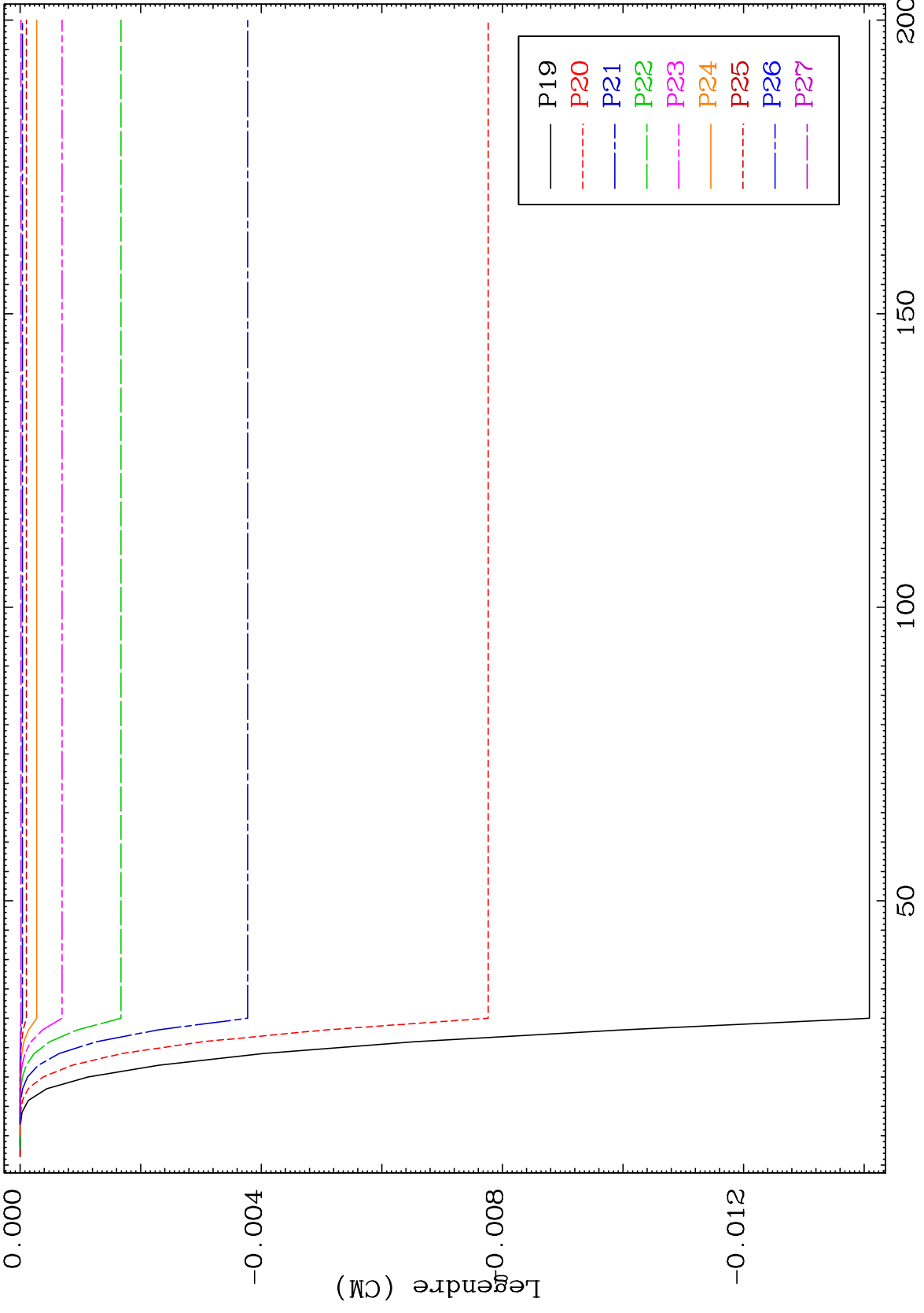


27

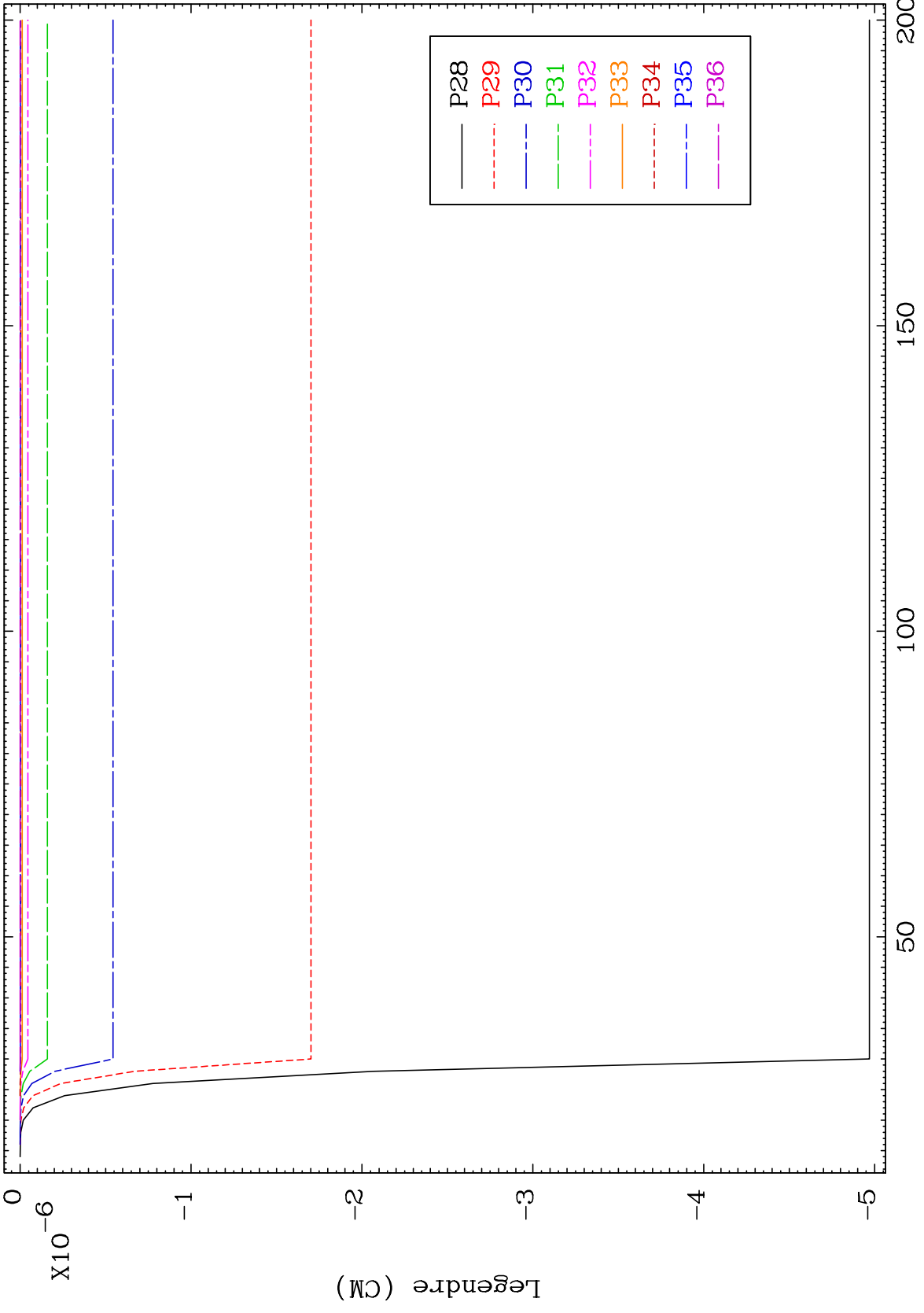
Incident Energy (MeV)

50-Sn-123

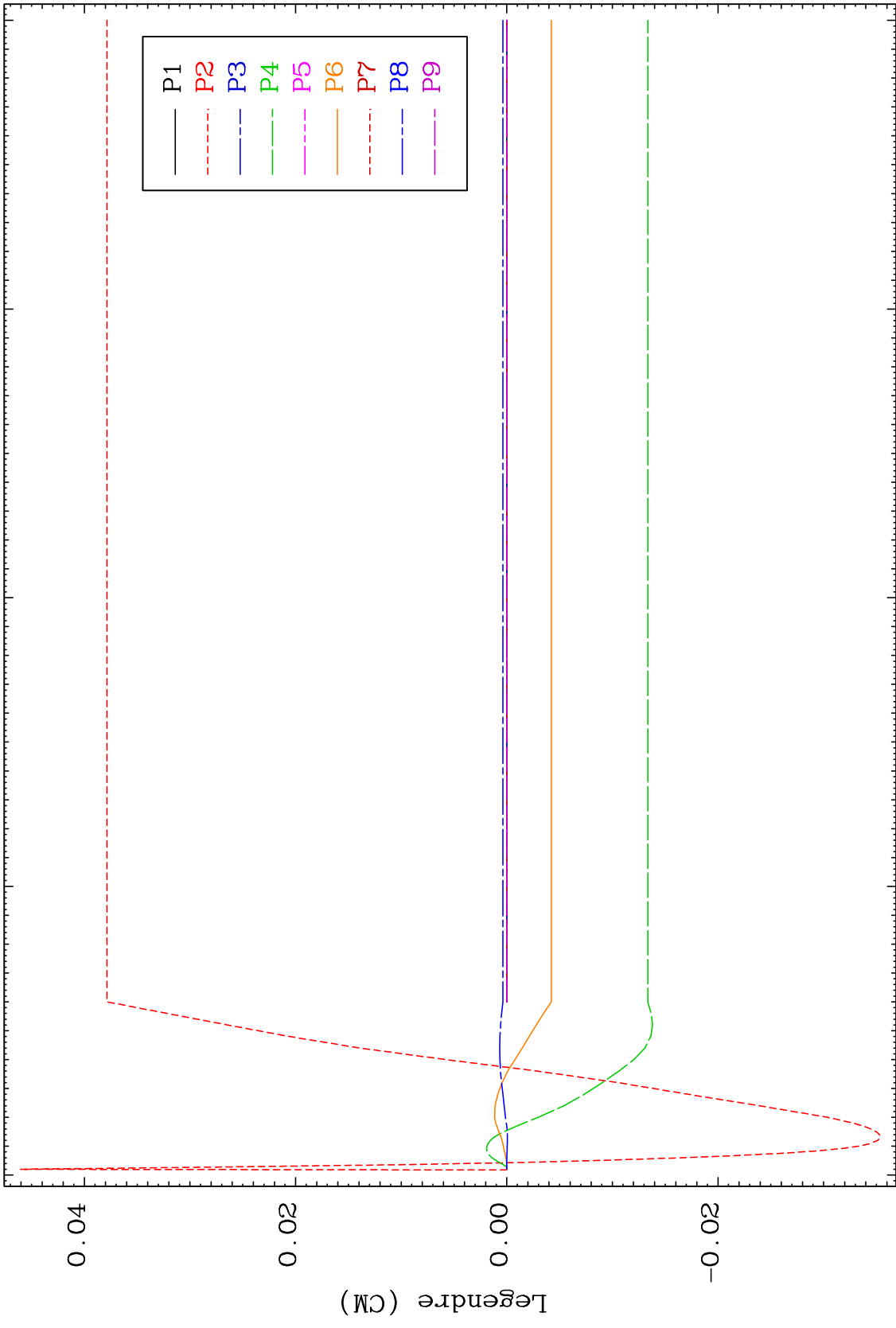
MAT 5058 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-123



MAT 5058 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-123



MAT 5058 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-123

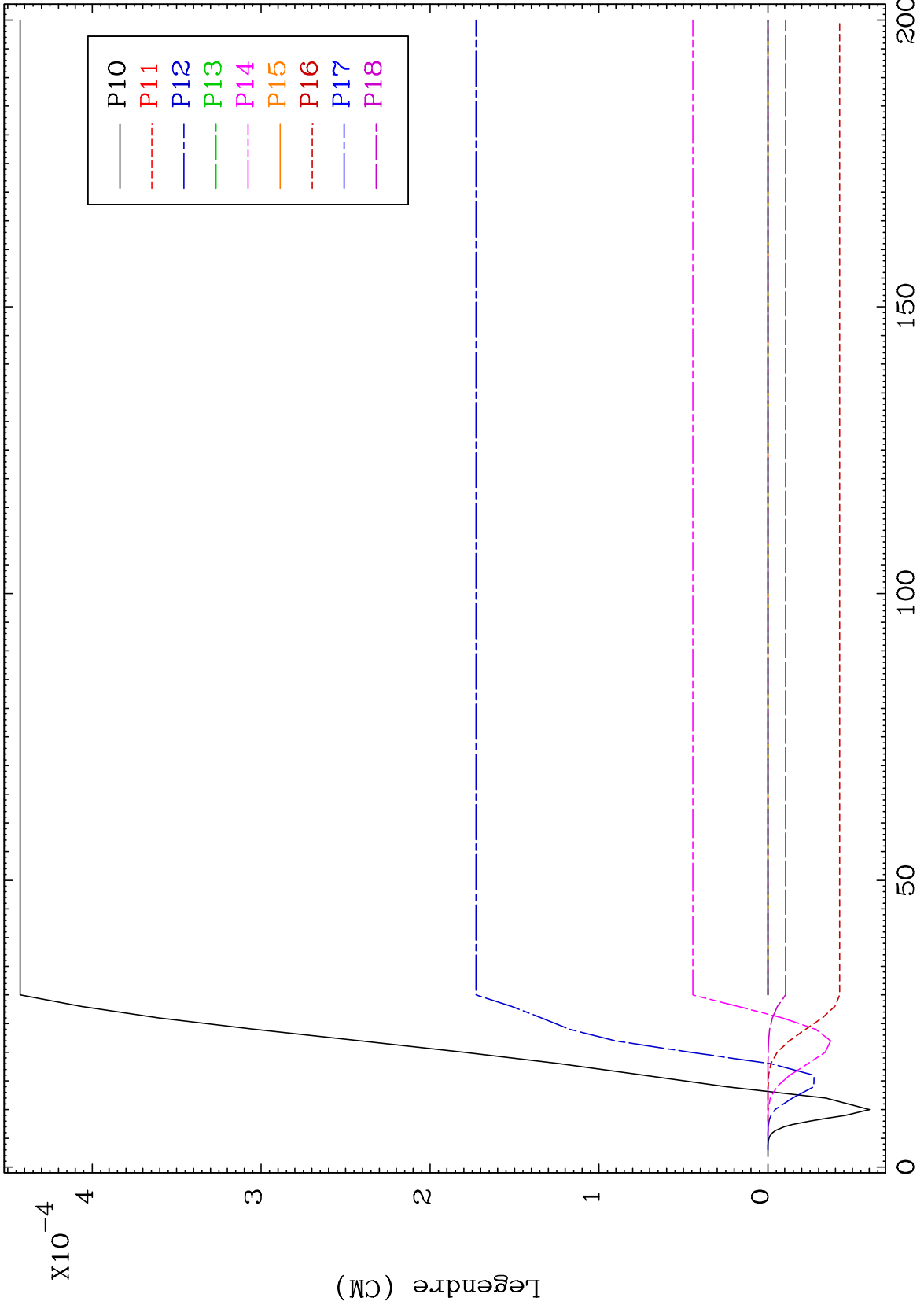


Incident Energy (MeV) 50-Sn-123

MAT 5058

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

50-Sn-123

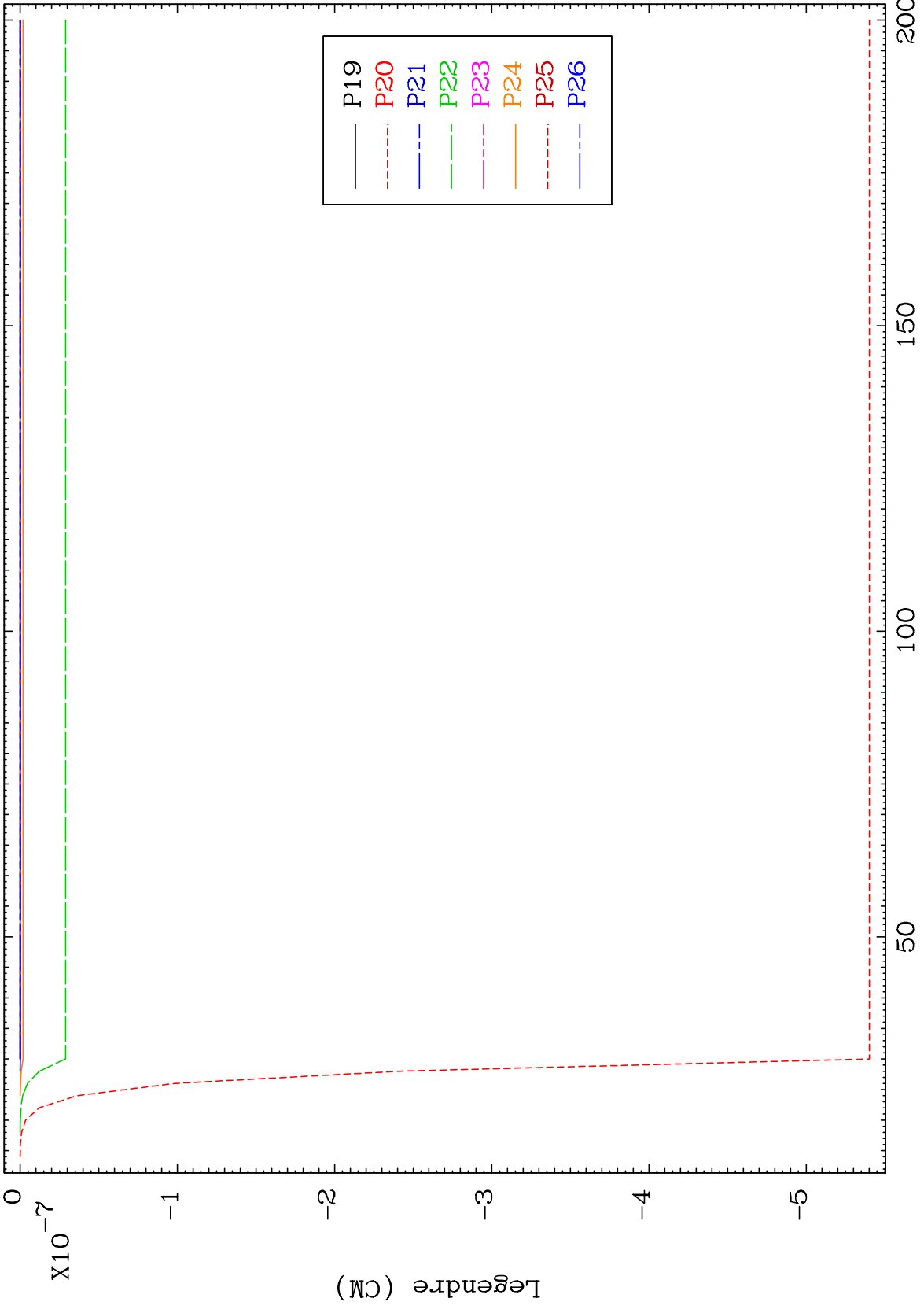


31

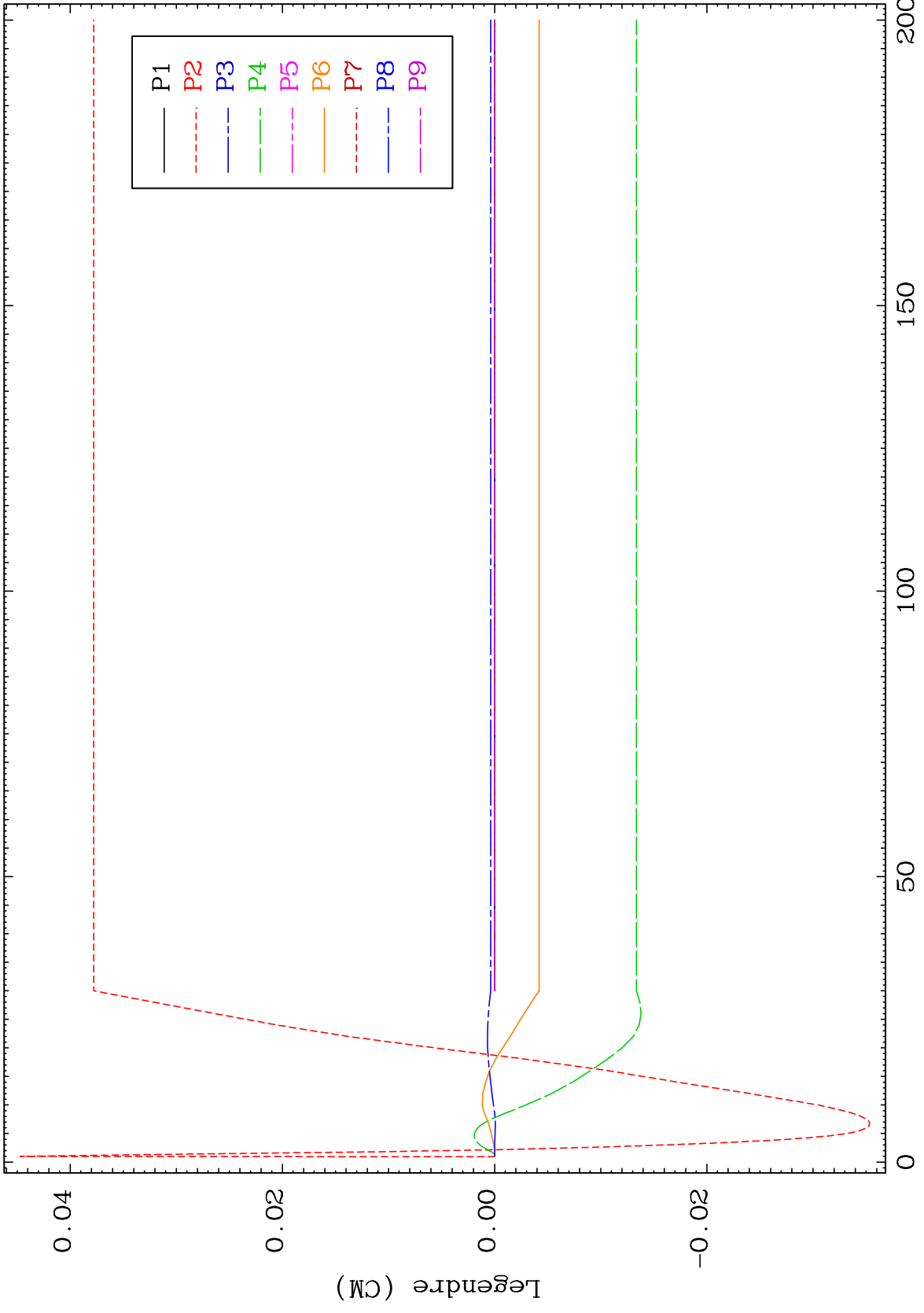
Incident Energy (MeV)

50-Sn-123

MAT 5058 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-123



MAT 5058 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-123

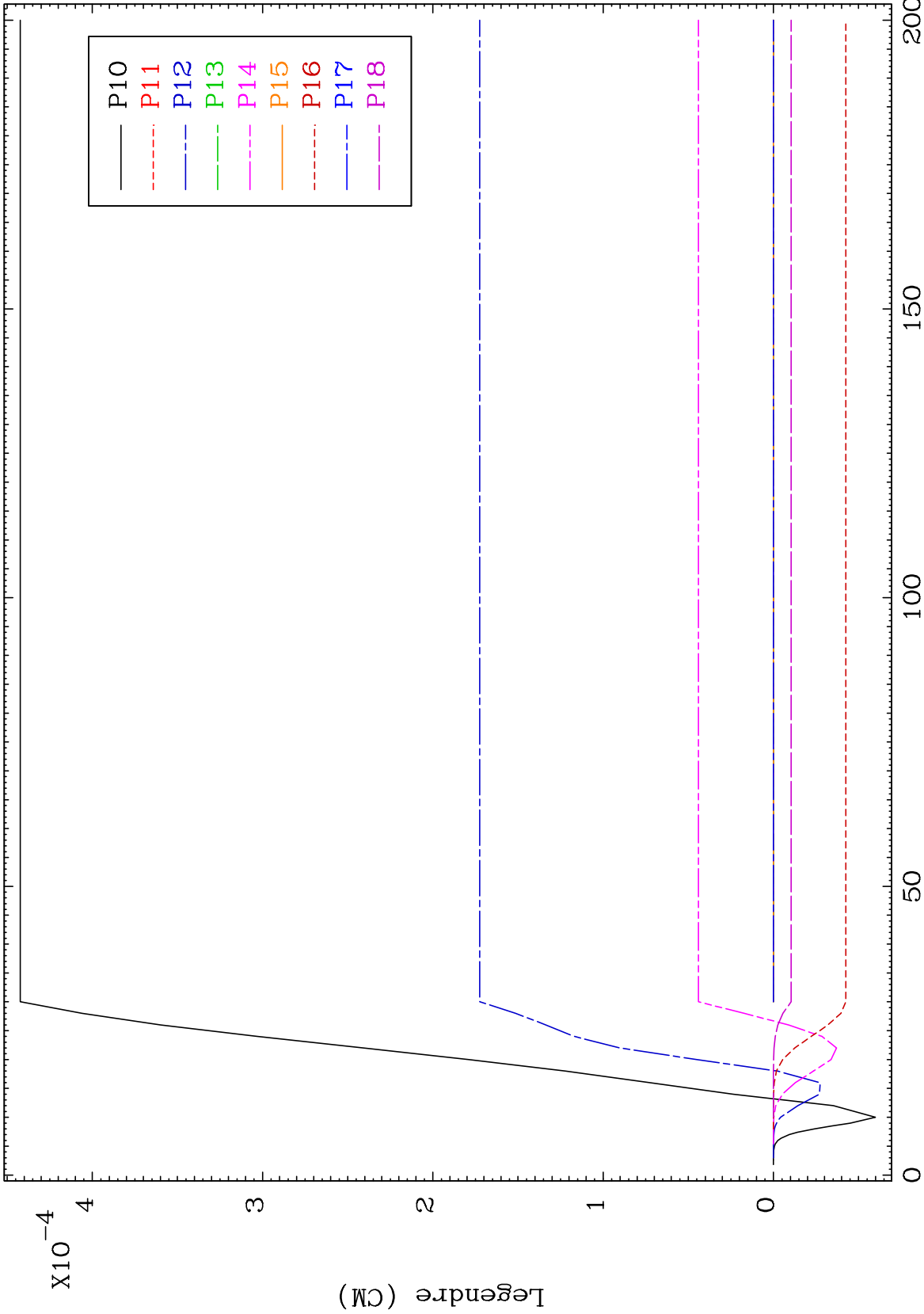


33

MAT 5058

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

50-Sn-123

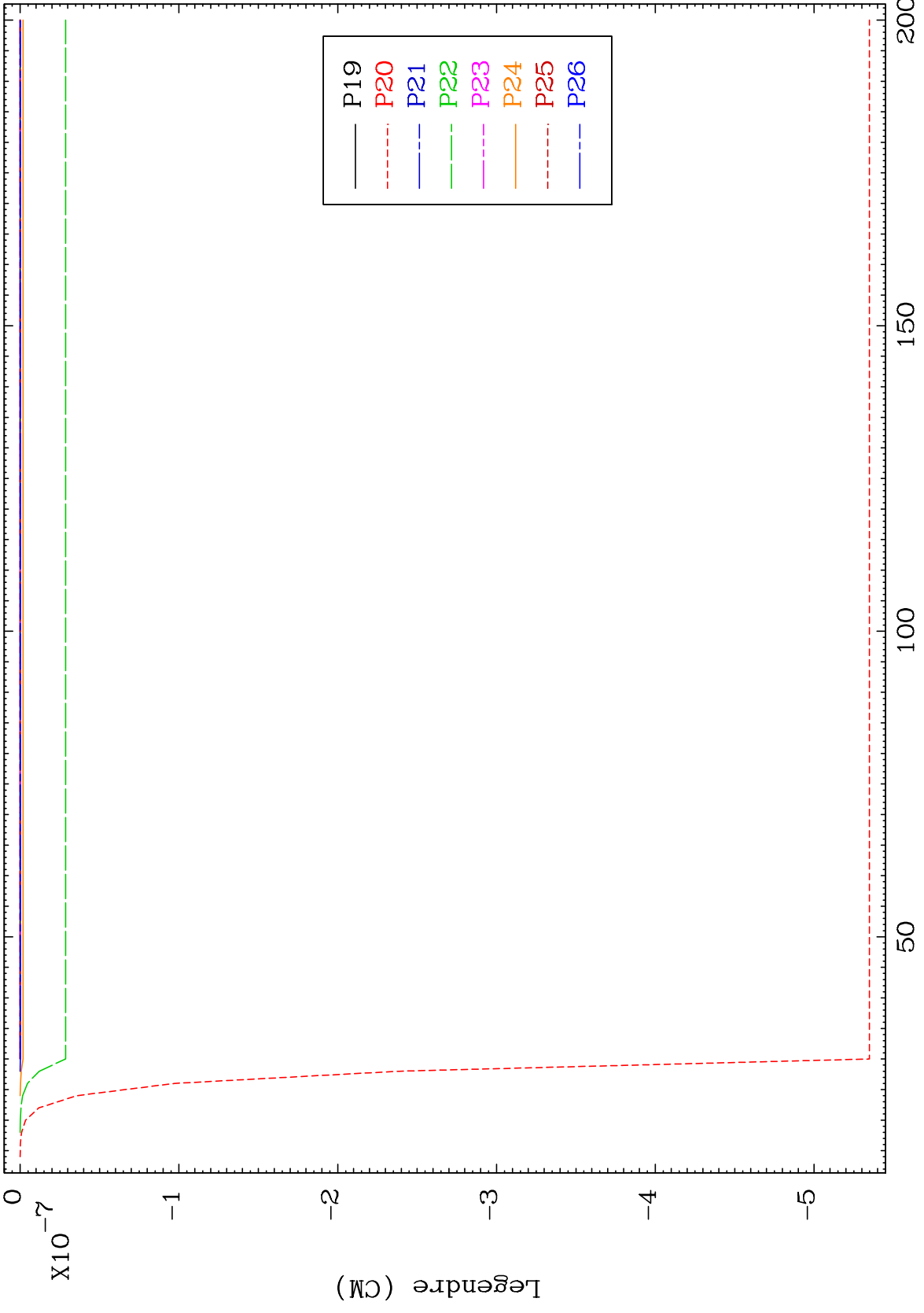


34

Incident Energy (MeV)

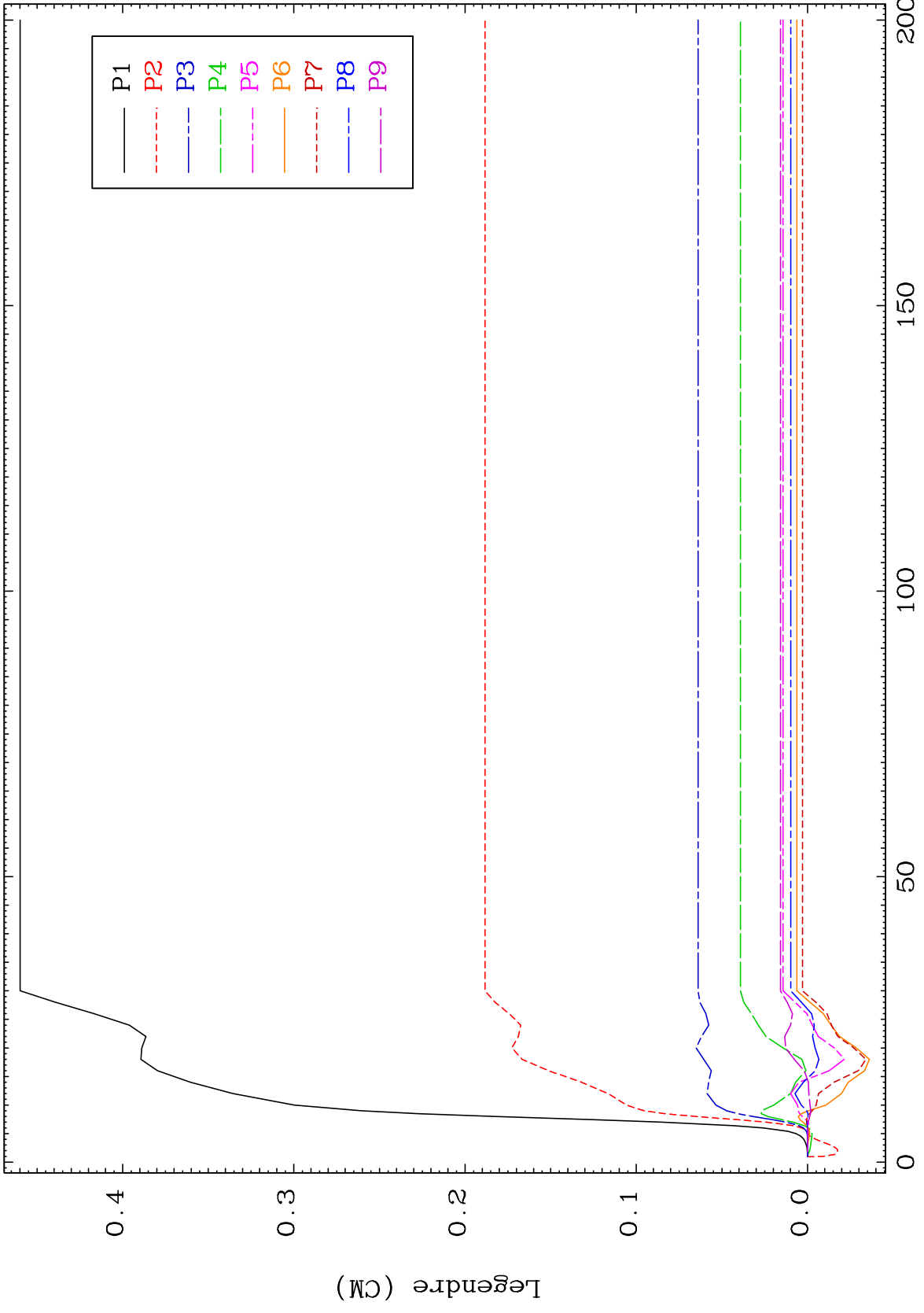
50-Sn-123

MAT 5058 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-123



35 50 100 150 200 50-Sn-123

MAT 5058 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-123

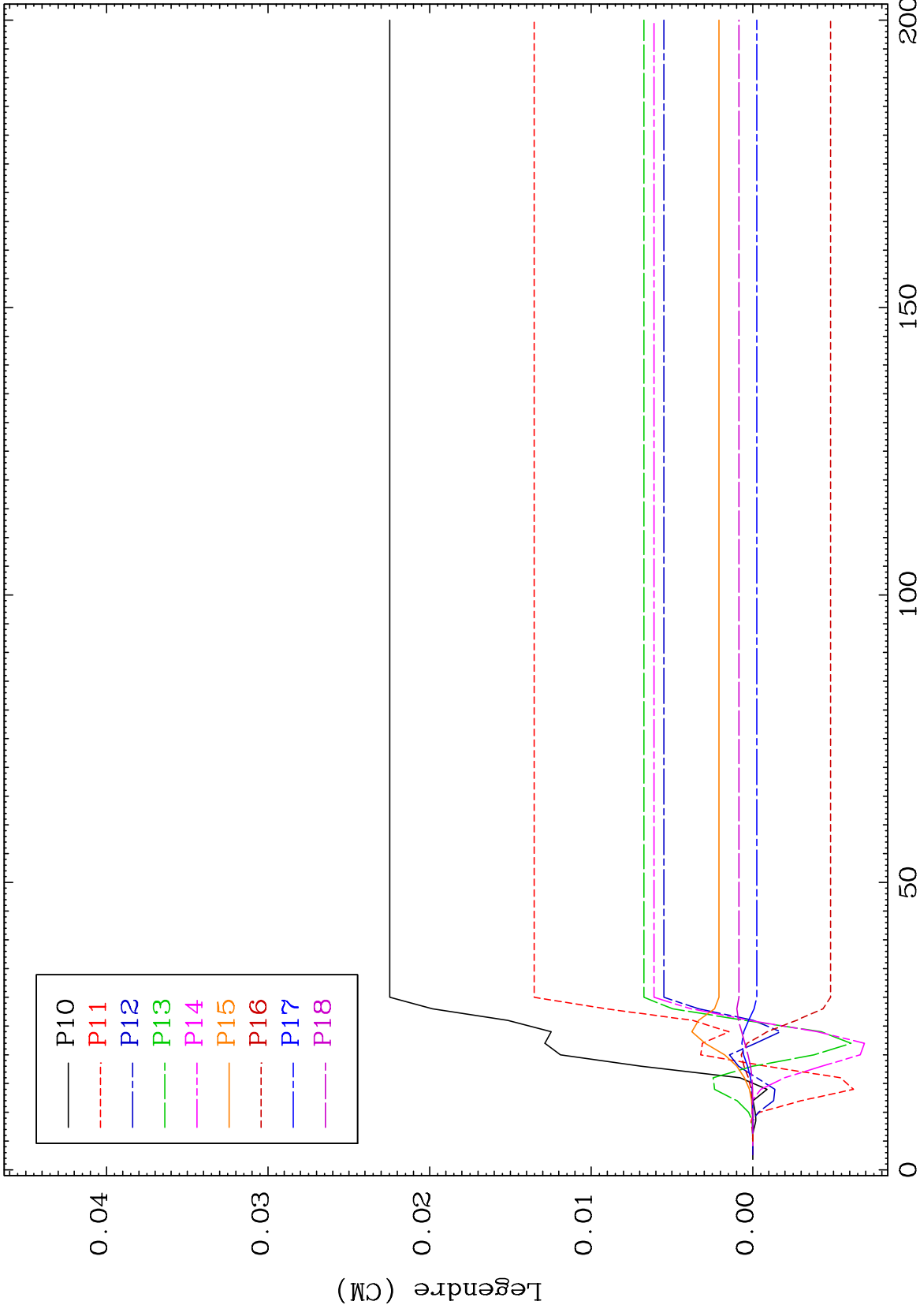


36 Incident Energy (MeV) 50-Sn-123

MAT 5058

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

50-Sn-123



37

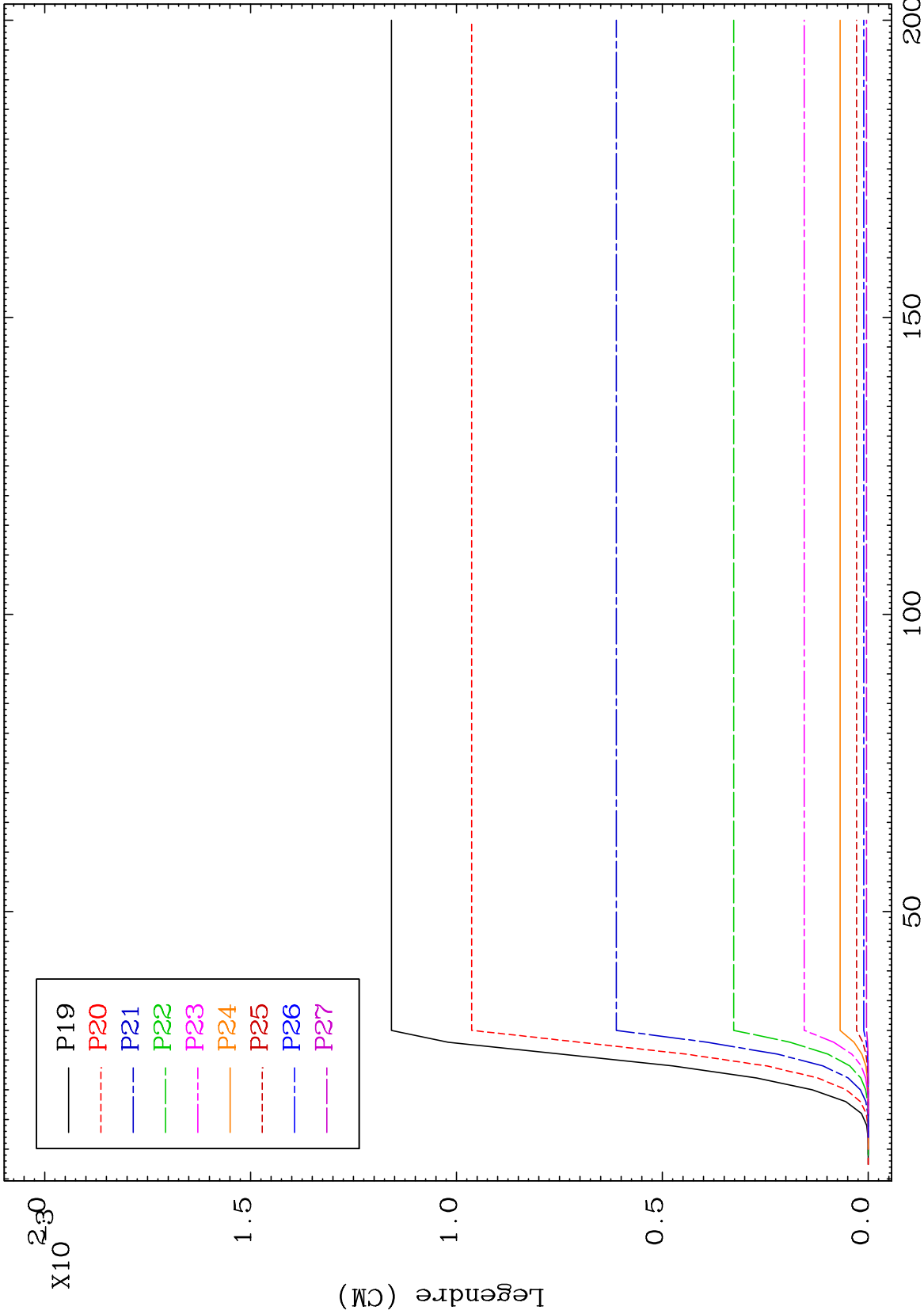
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



38

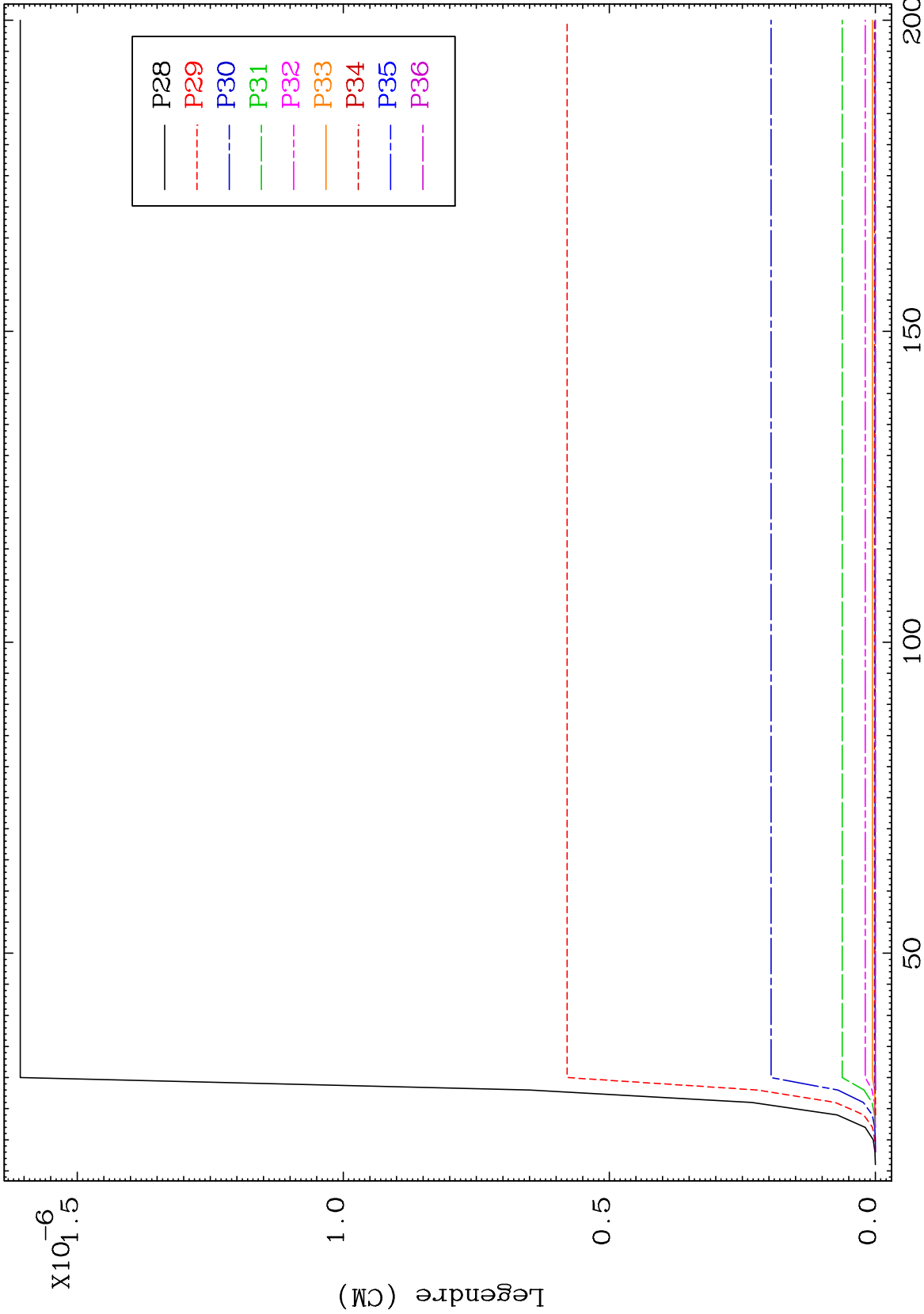
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123

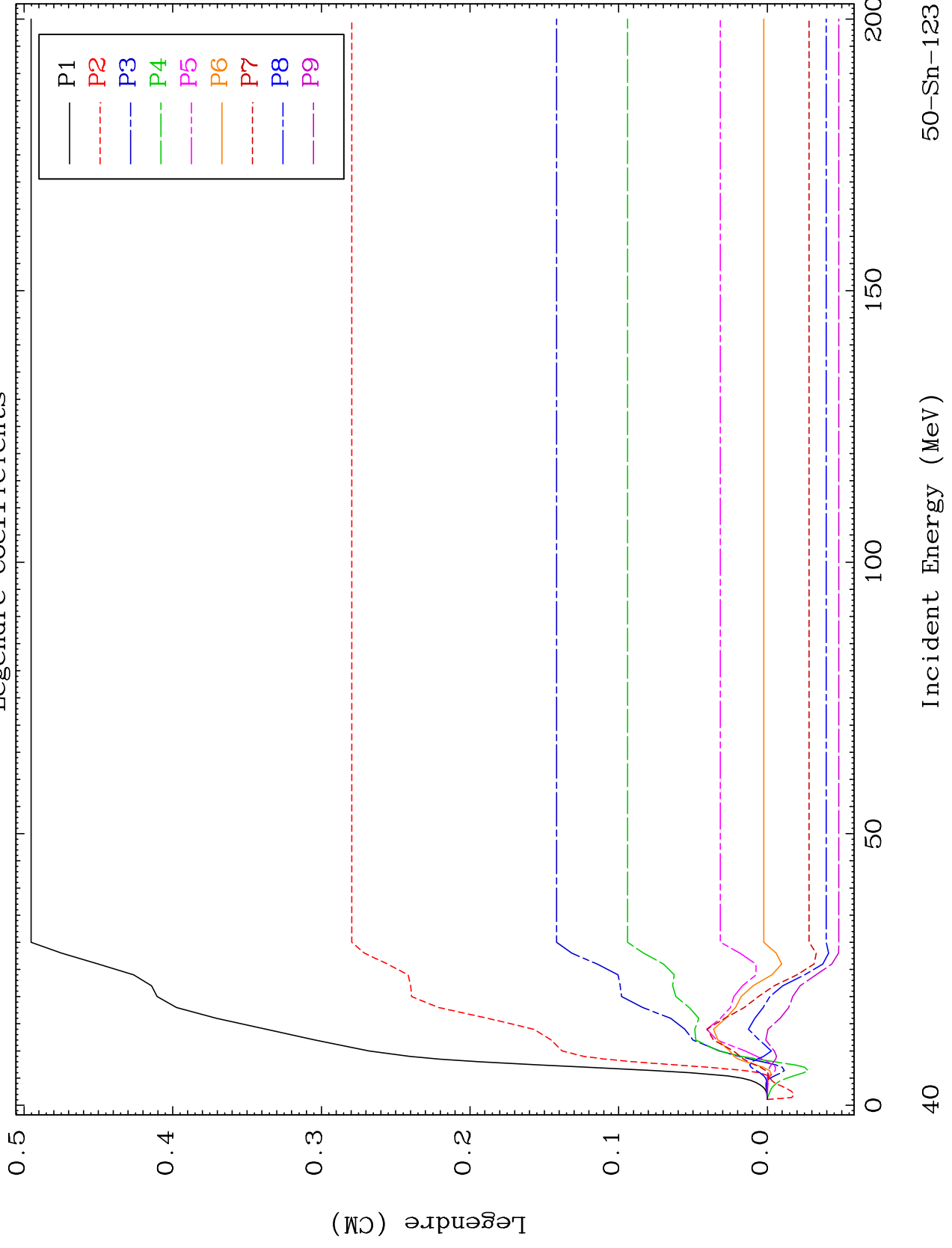


39

Incident Energy (MeV)

50-Sn-123

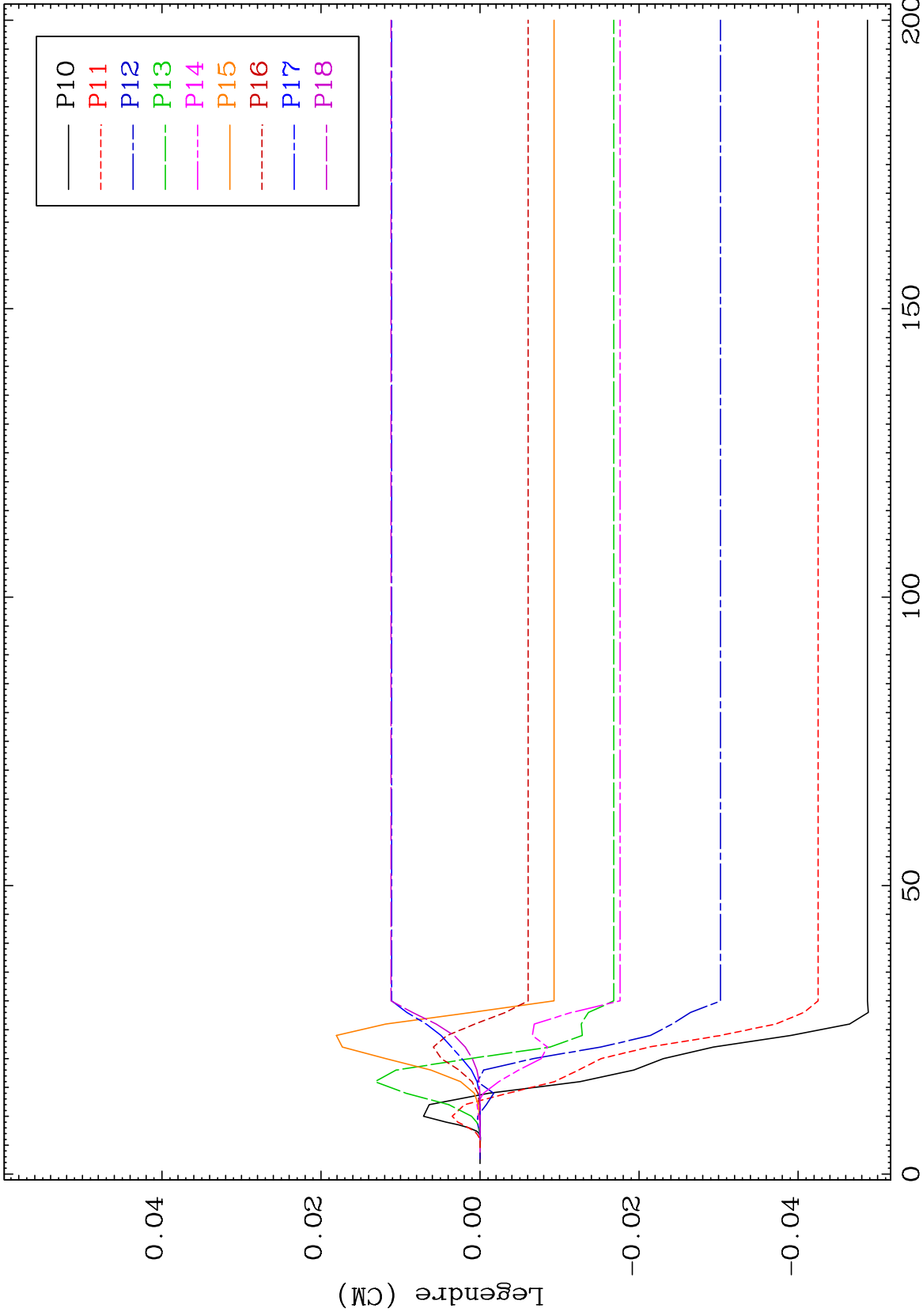
MAT 5058 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-123



MAT 5058

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

50-Sn-123



41

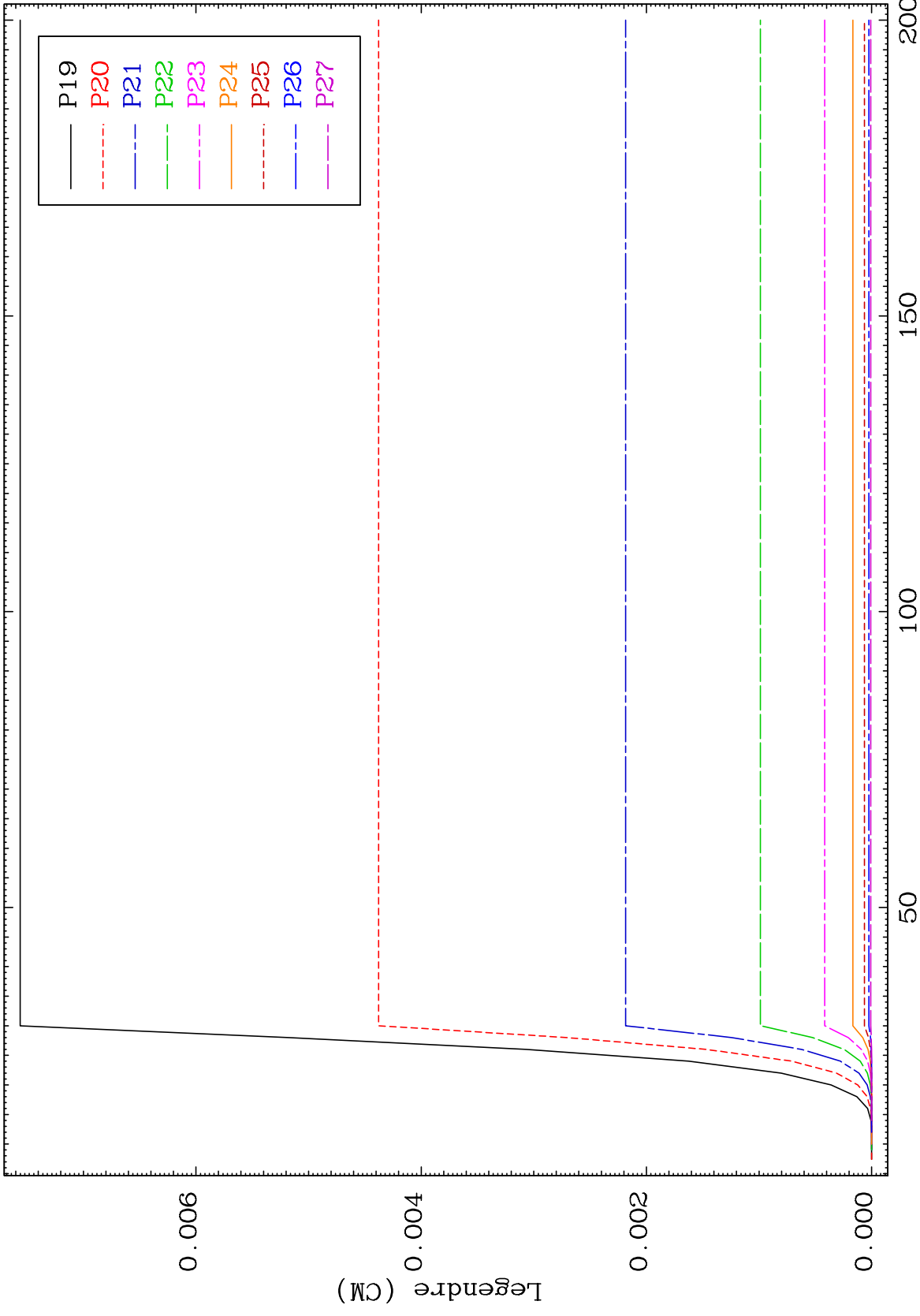
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



42

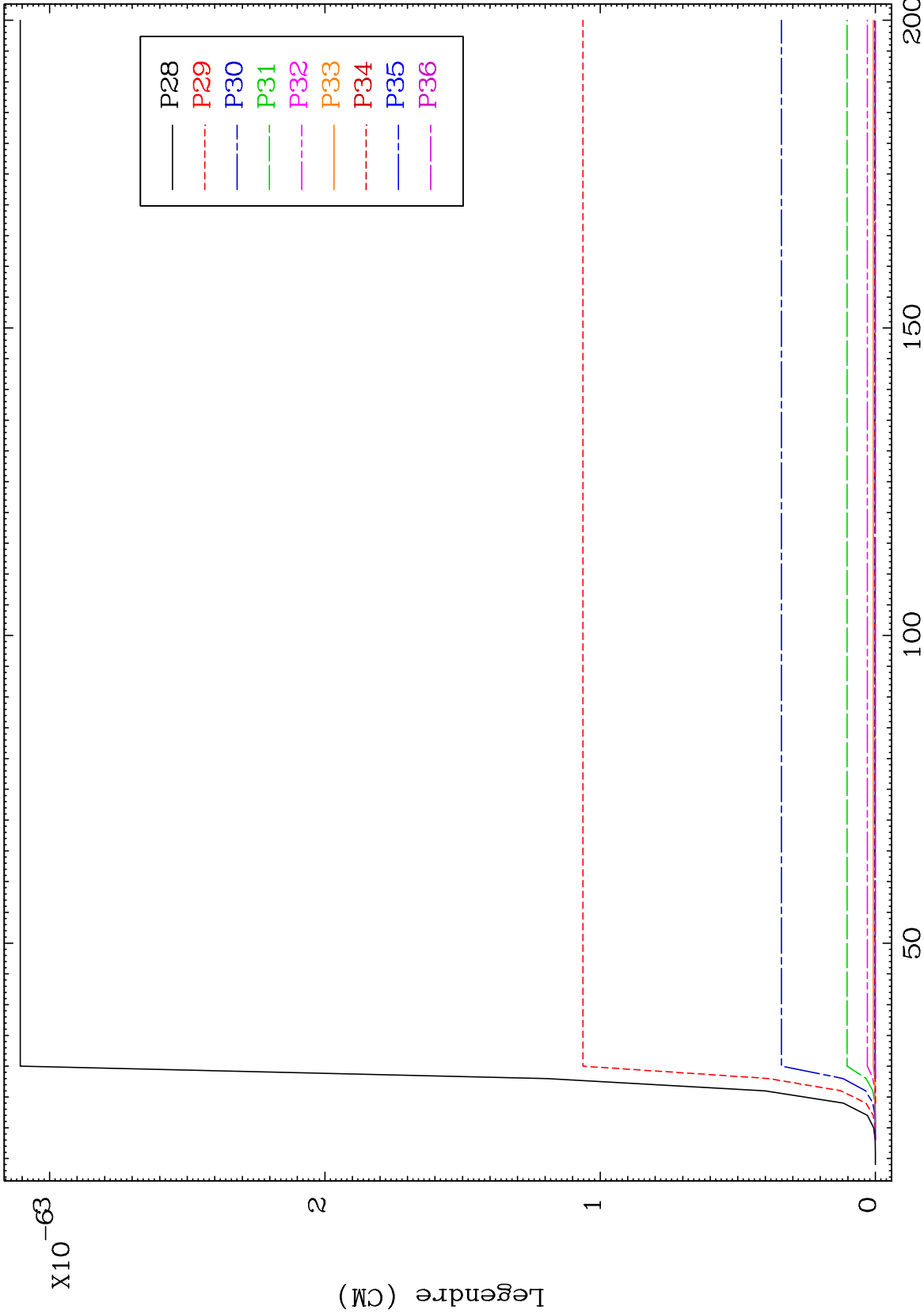
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123

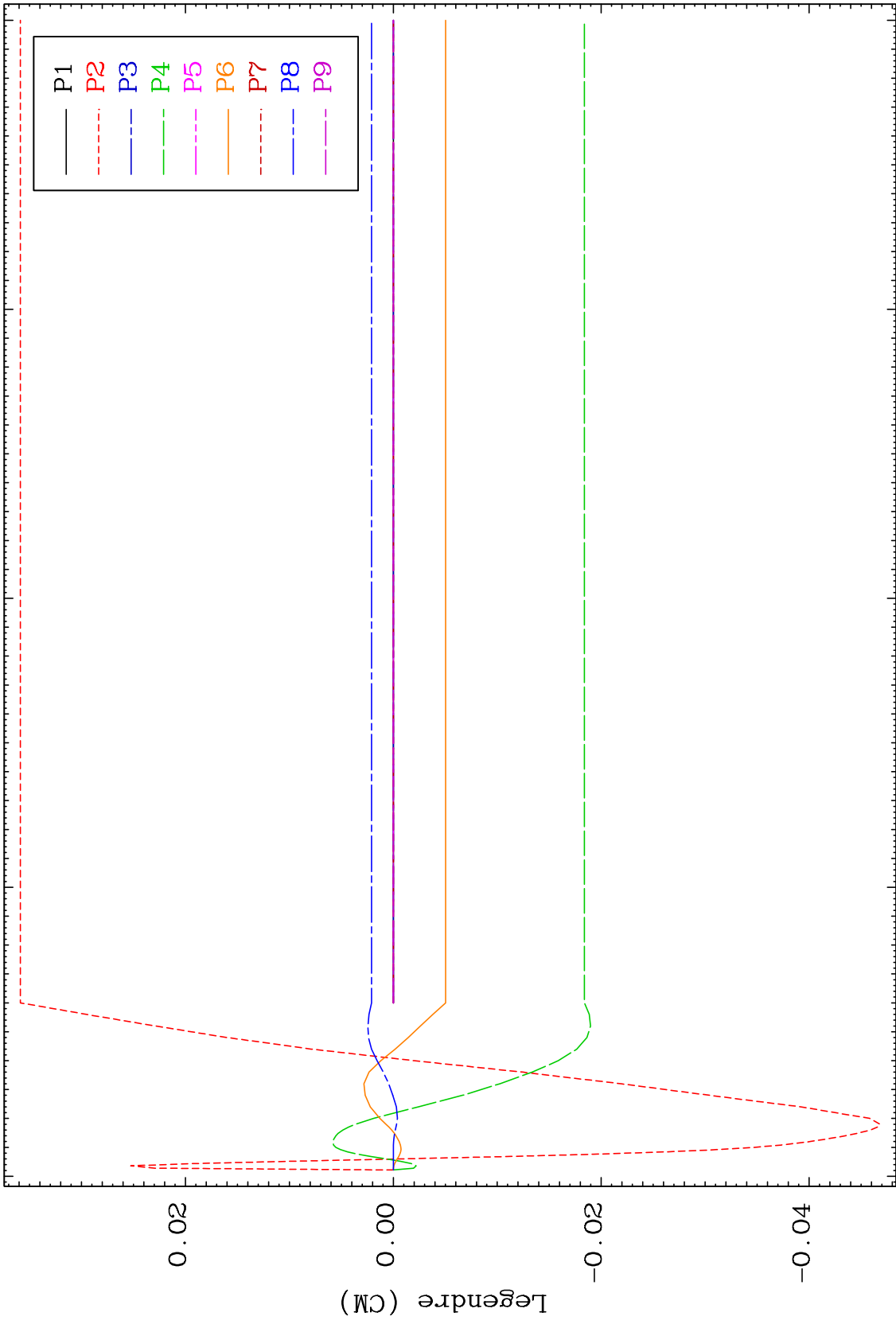


43

Incident Energy (MeV)

50-Sn-123

MAT 5058 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-123

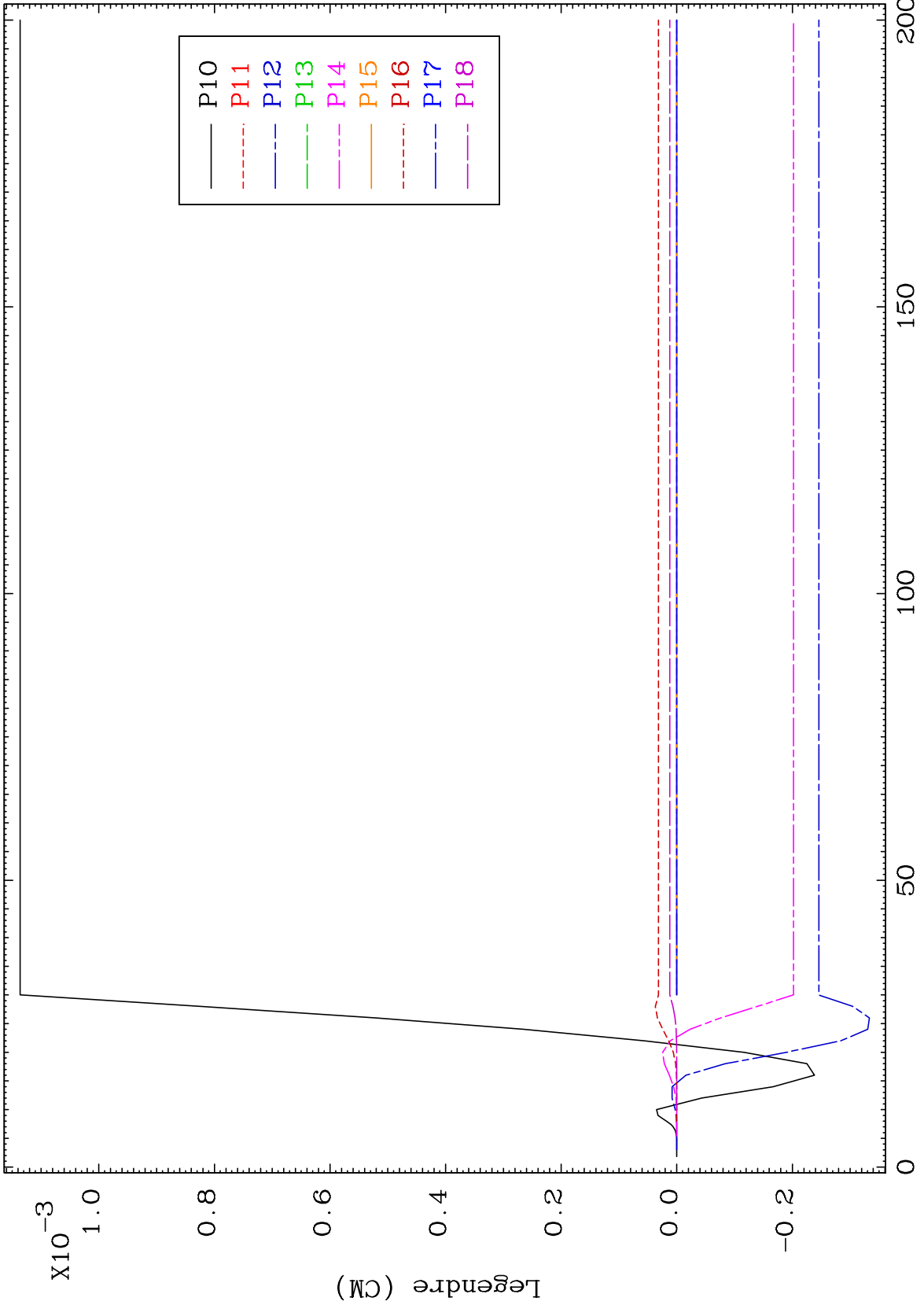


44 Incident Energy (MeV) 50-Sn-123

MAT 5058

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

50-Sn-123

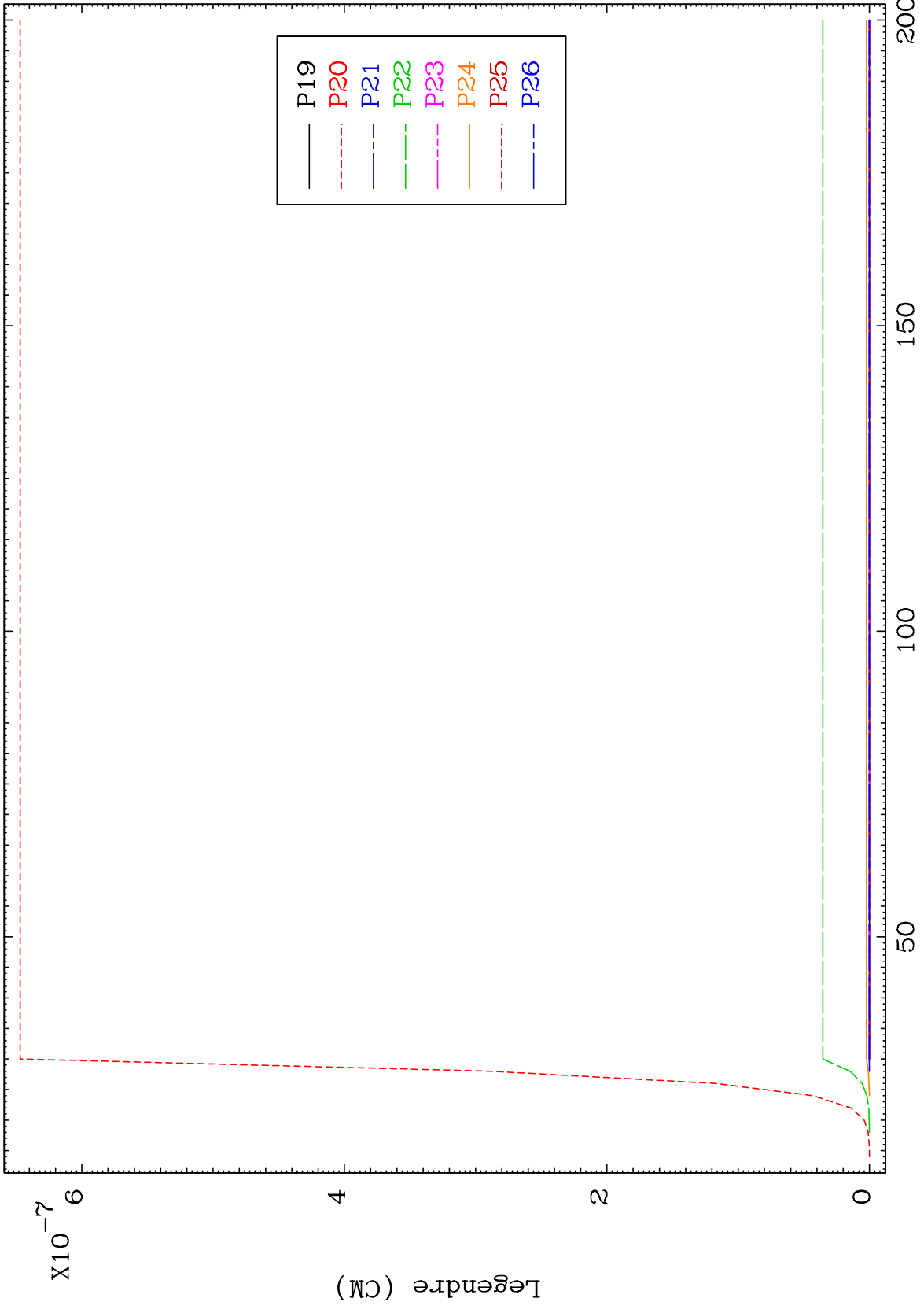


45

Incident Energy (MeV)

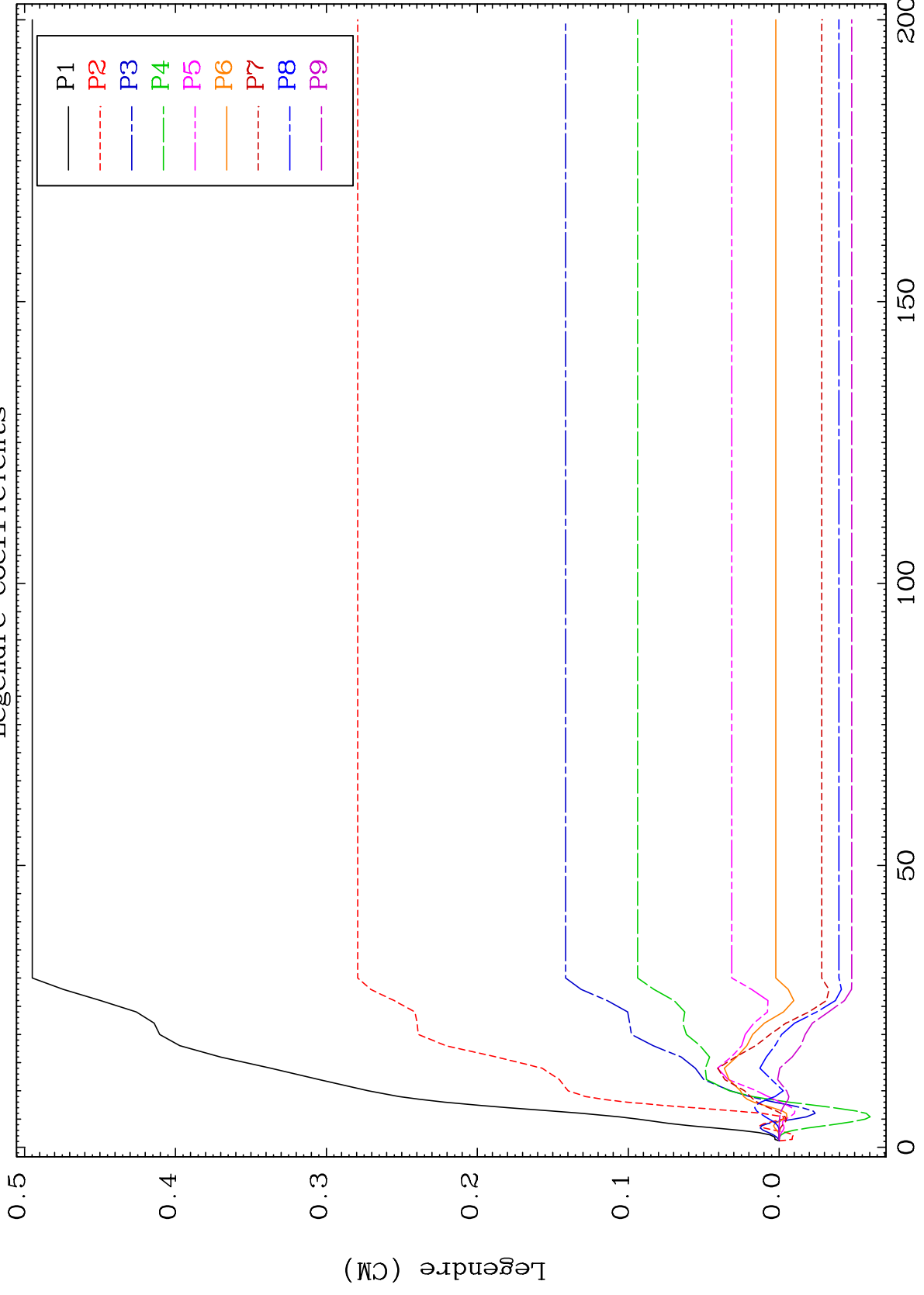
50-Sn-123

MAT 5058 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-123



46 50 100 150 200 Incident Energy (MeV) 50-Sn-123

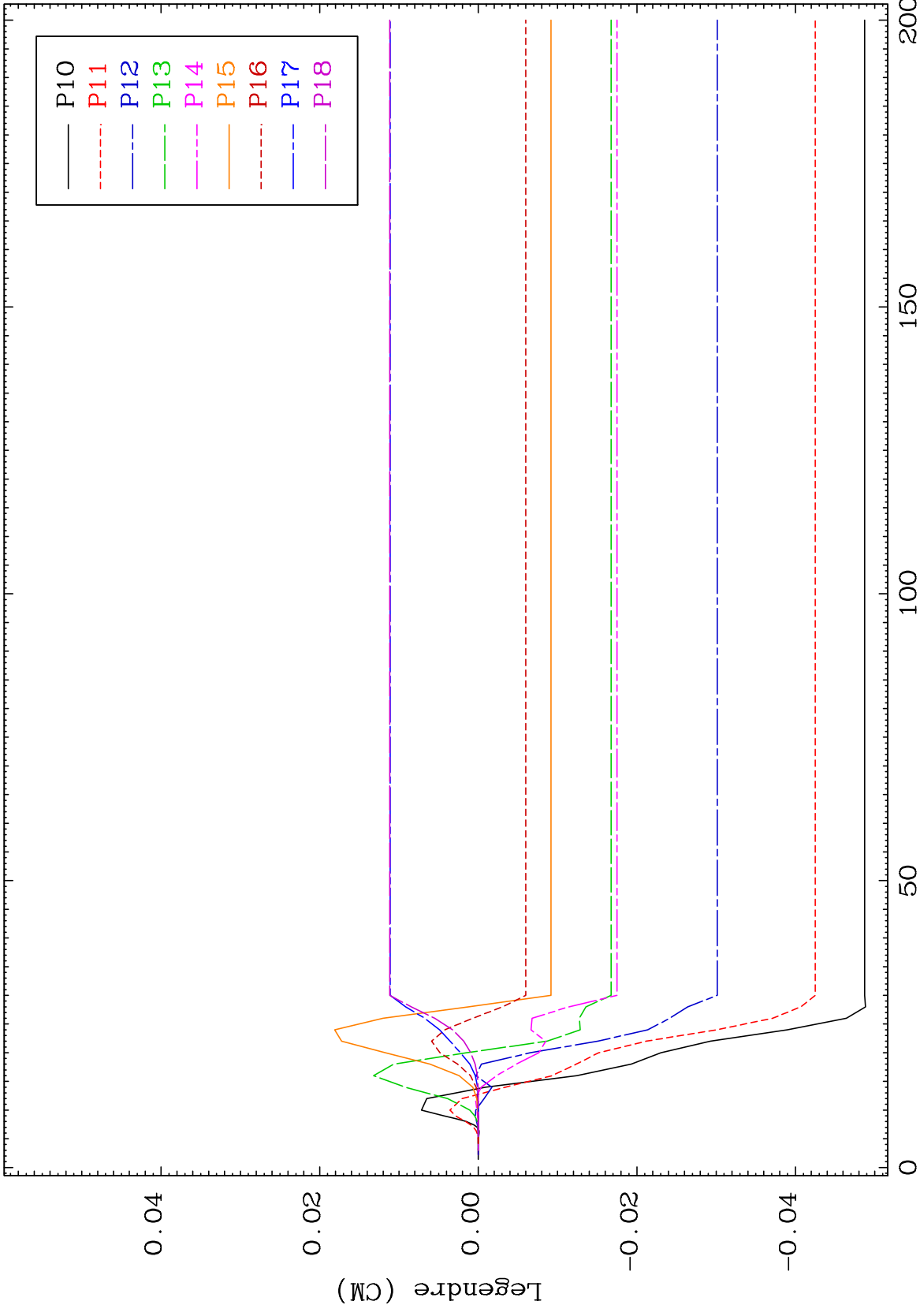
MAT 5058 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-123



MAT 5058

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

50-Sn-123



48

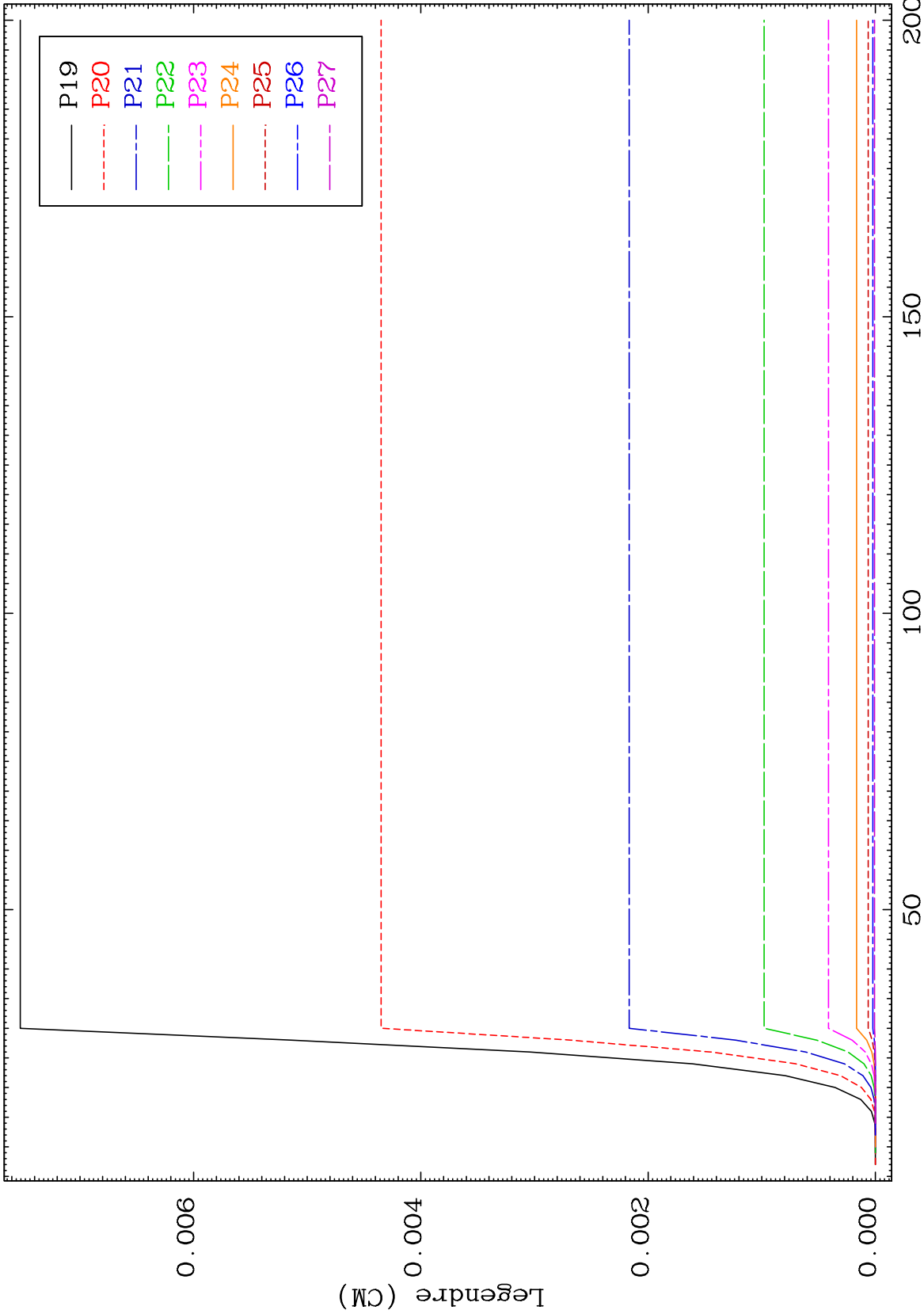
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



49

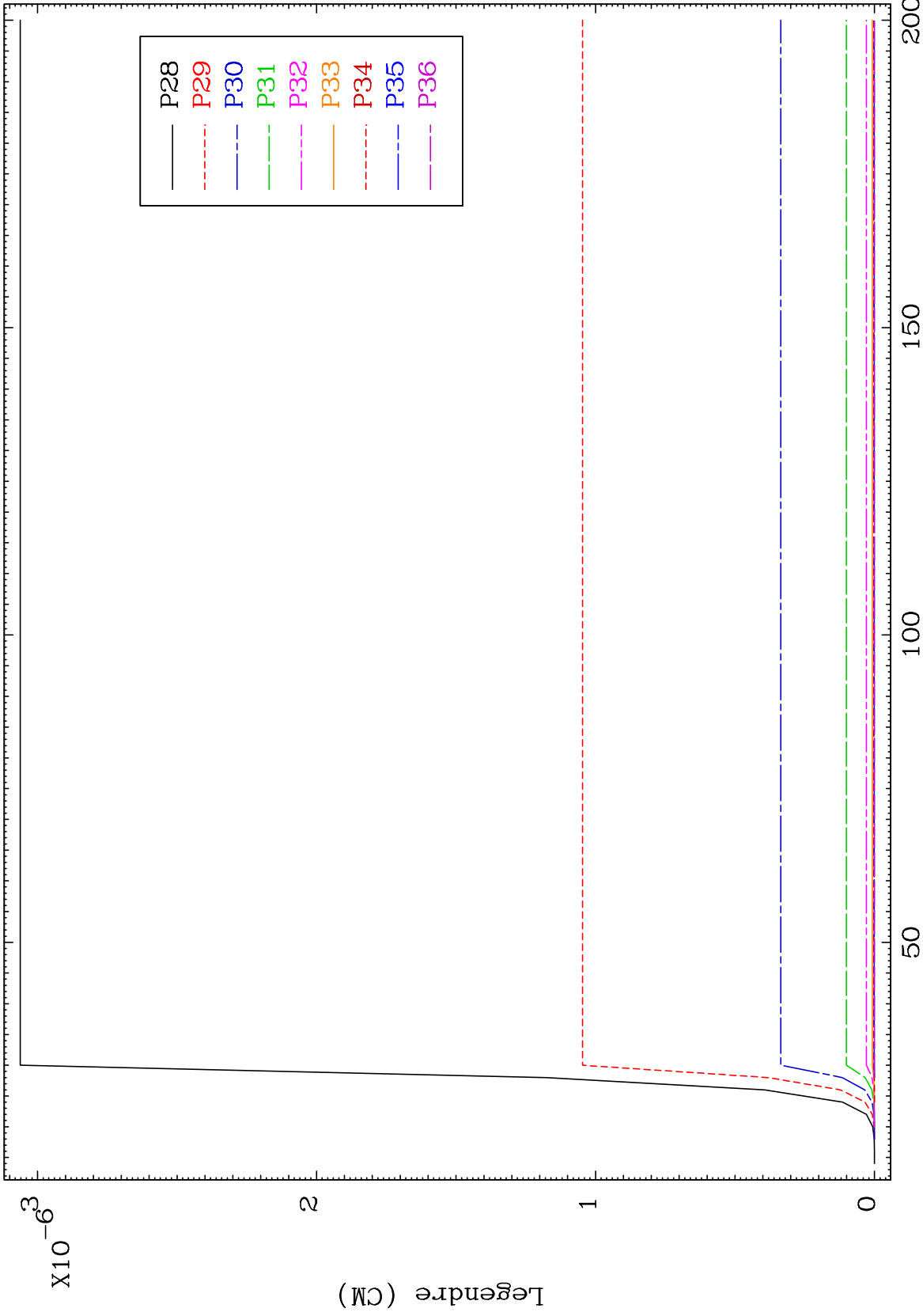
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



50

50

100

150

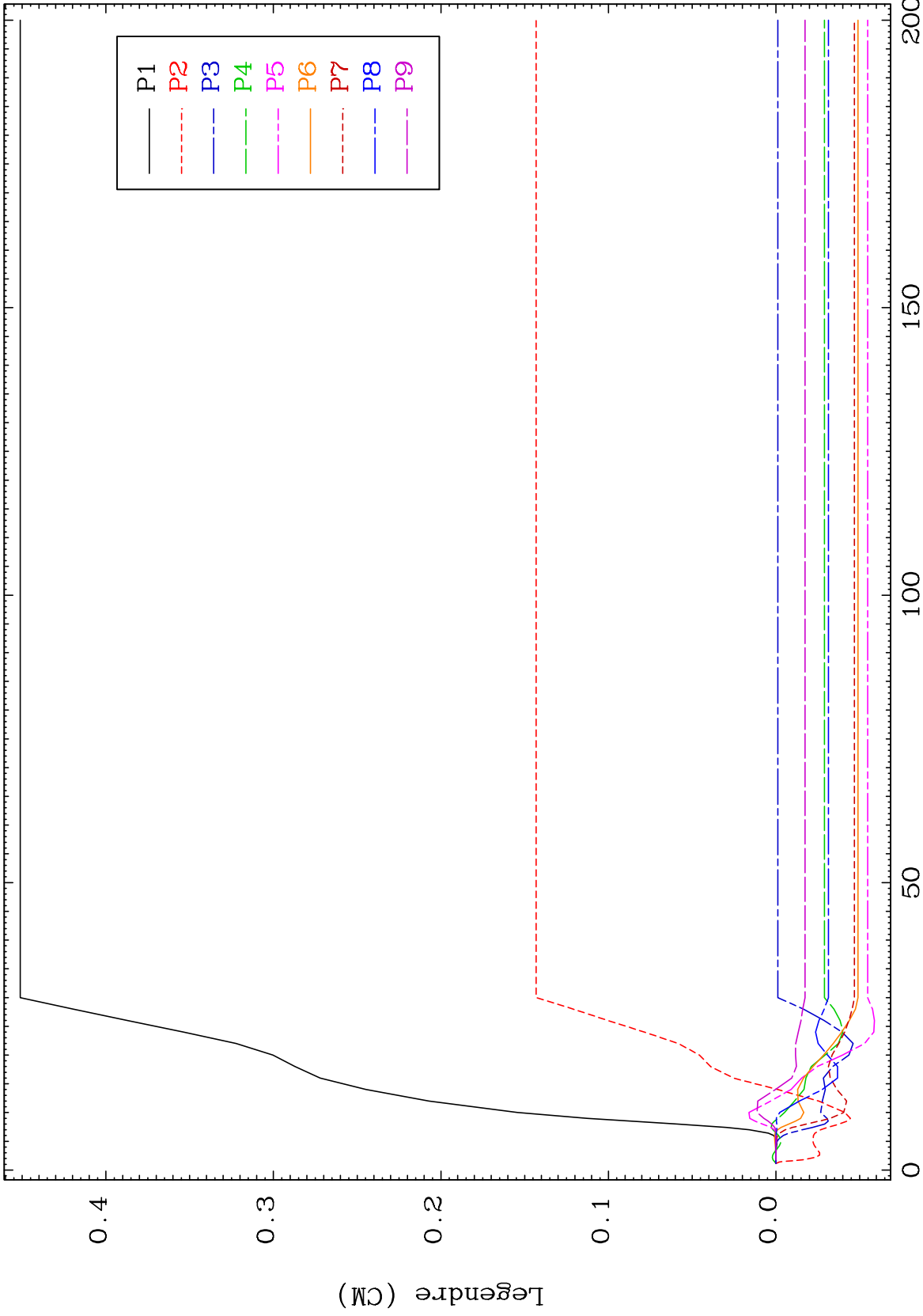
200

50-Sn-123

MAT 5058

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

50-Sn-123

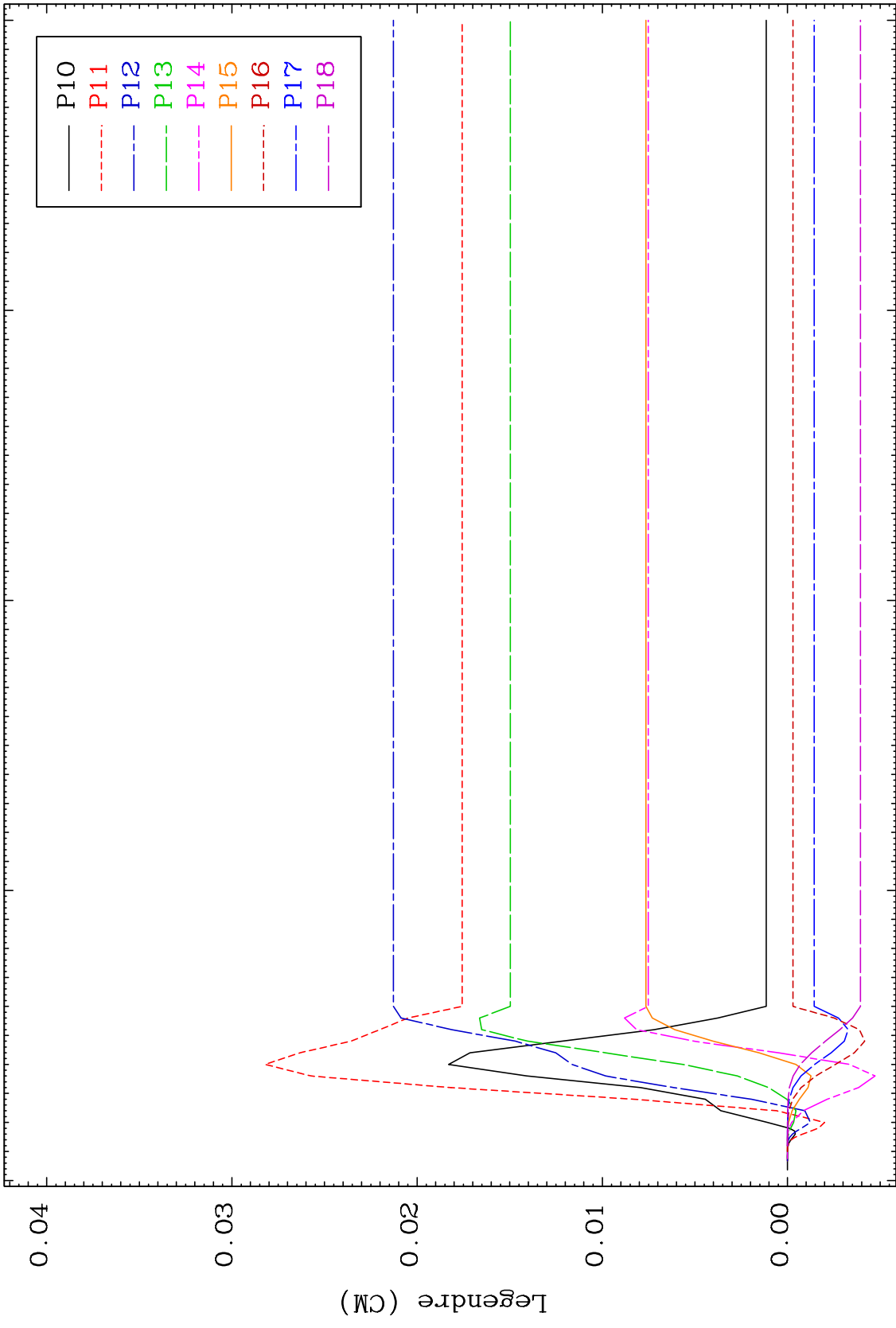


51

Incident Energy (MeV)

50-Sn-123

MAT 5058 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-123

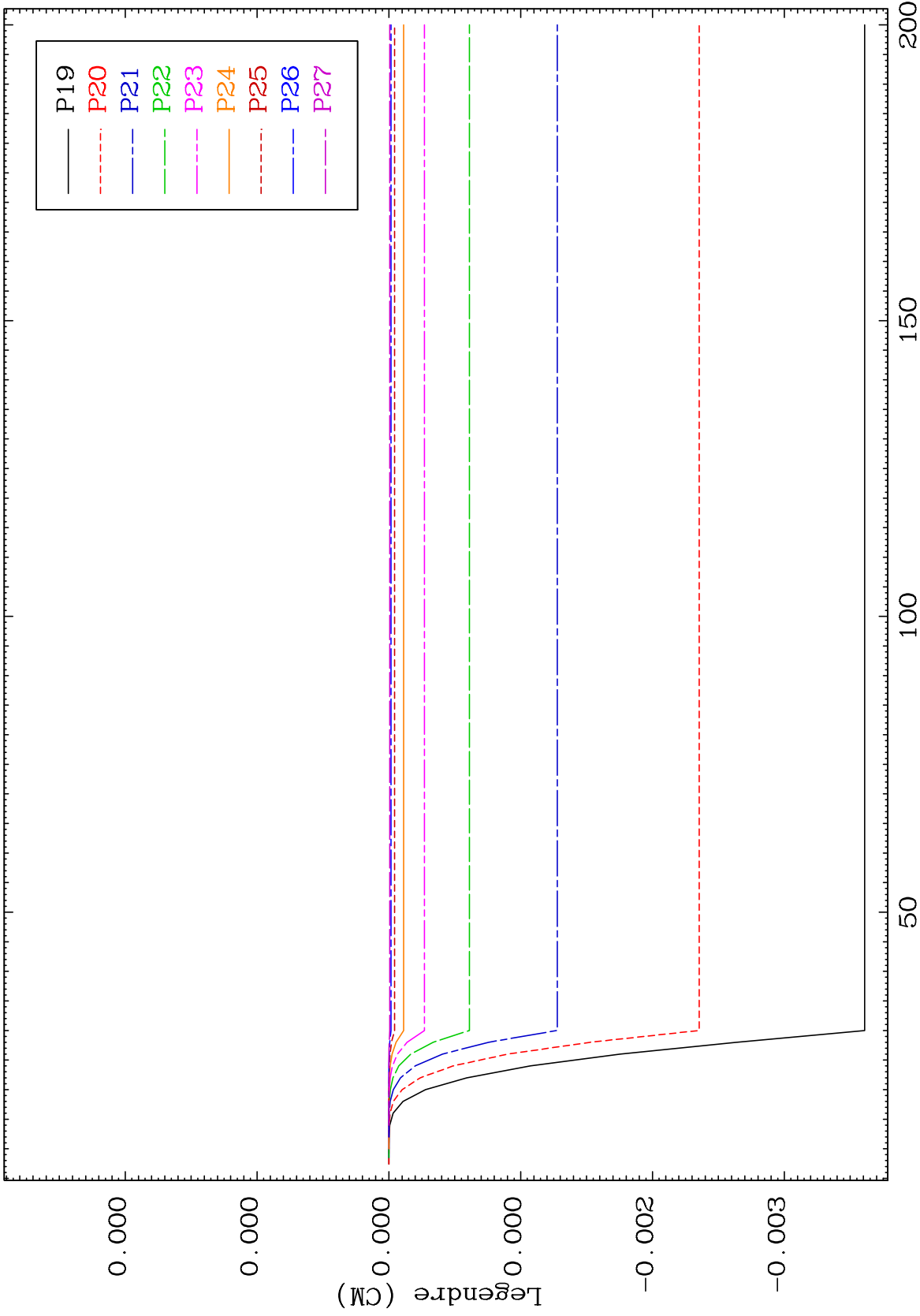


52 50-Sn-123

MAT 5058

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

50-Sn-123



53

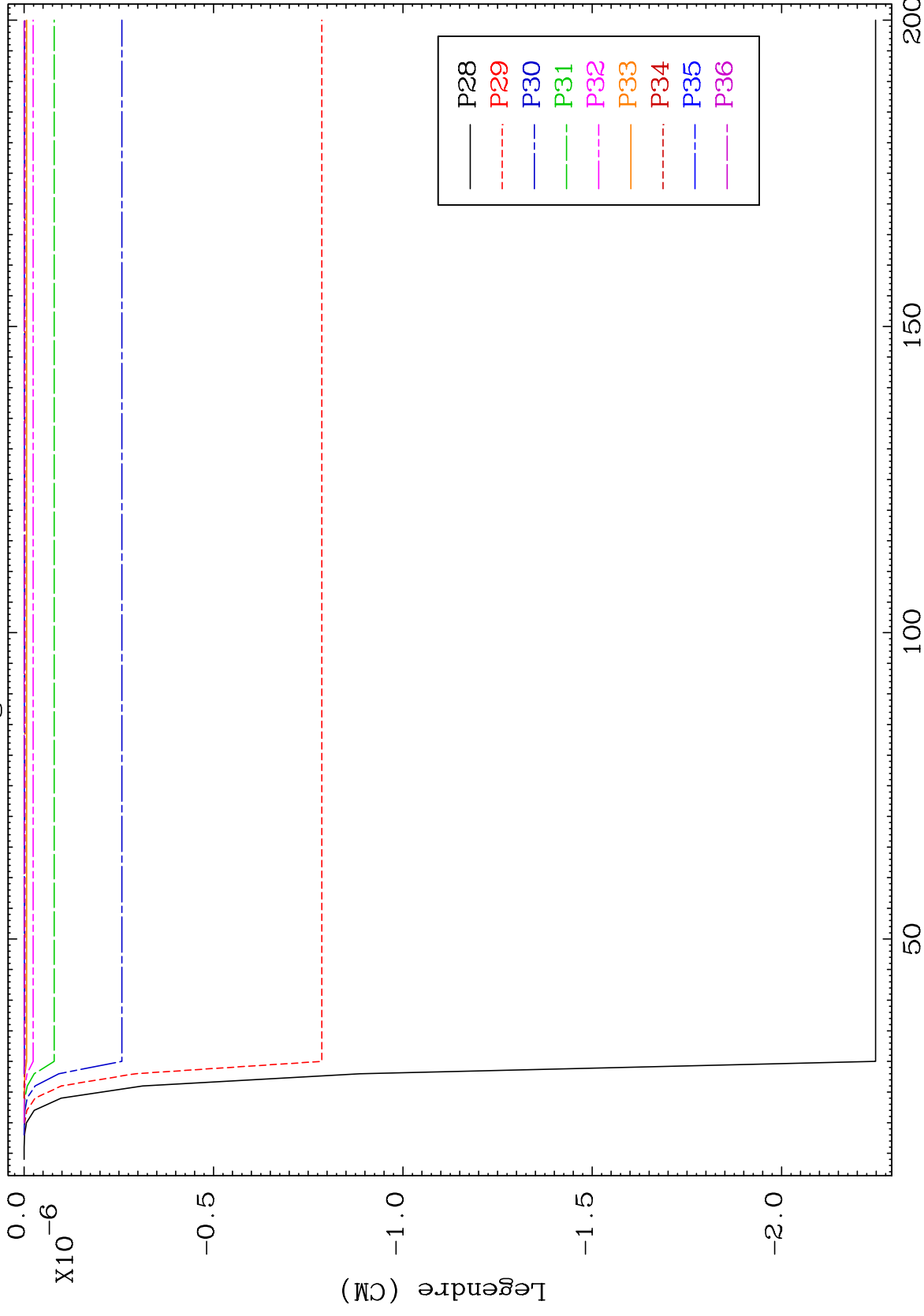
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



50-Sn-123

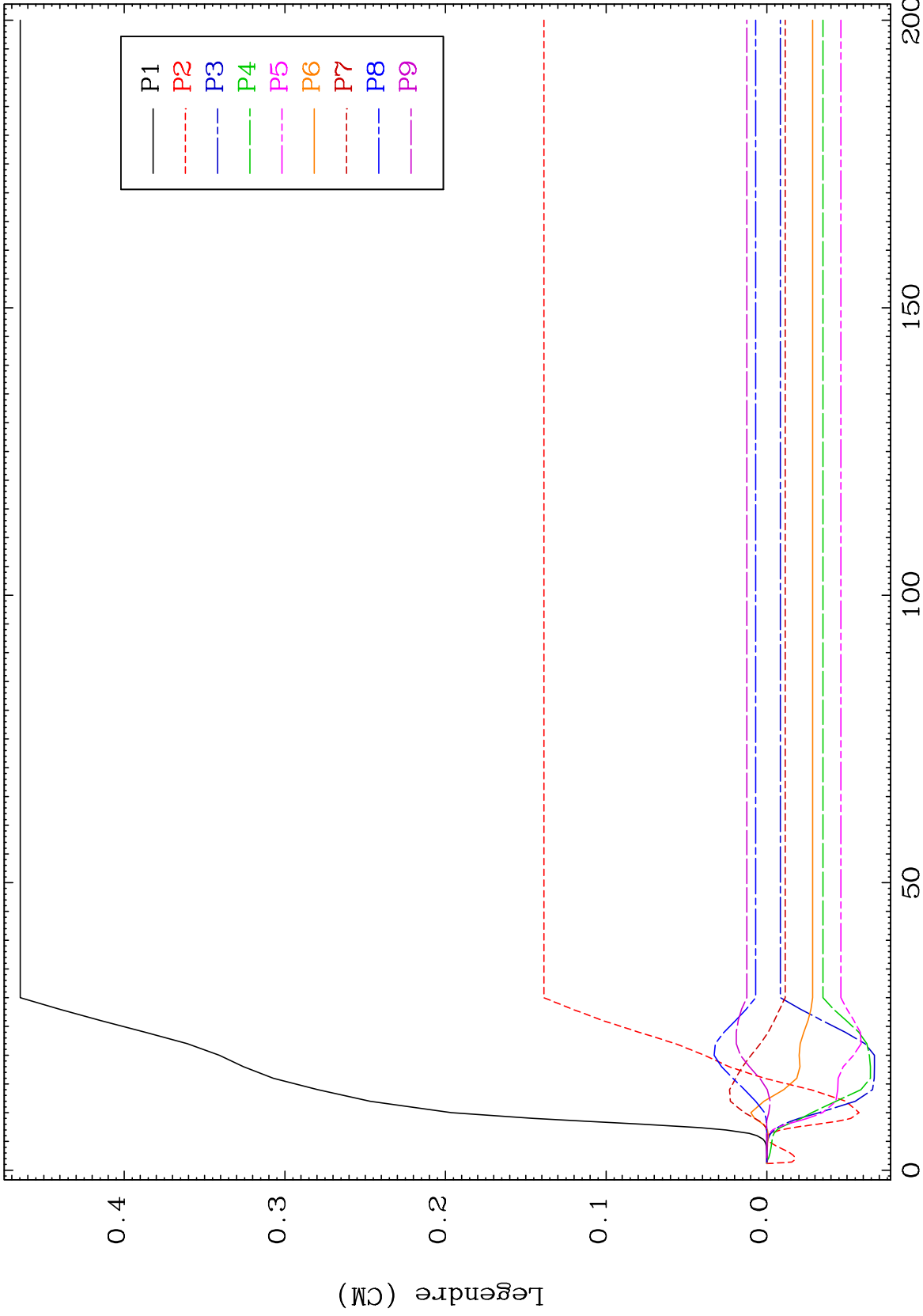
Incident Energy (MeV)

54

MAT 5058

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

50-Sn-123



50-Sn-123

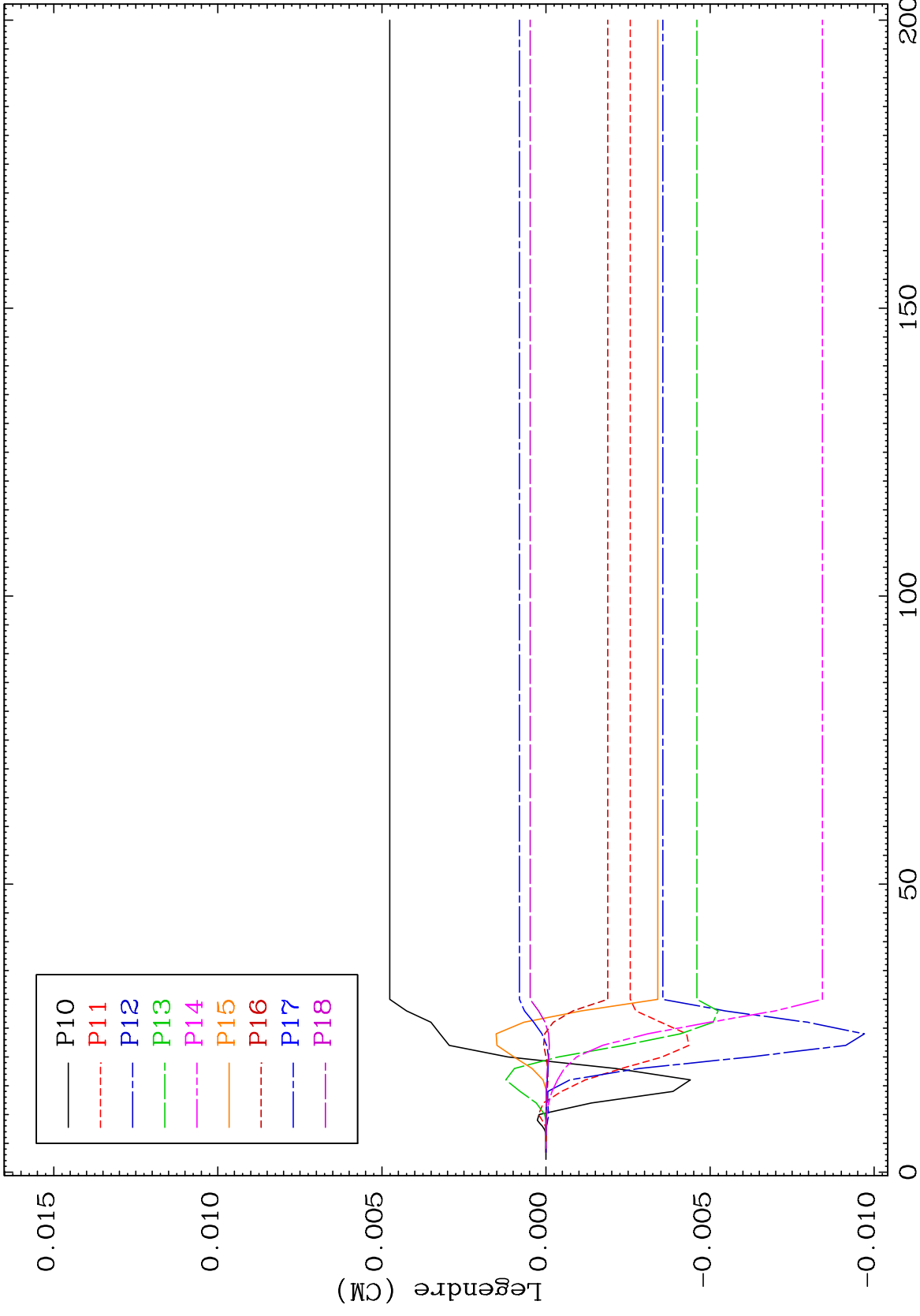
Incident Energy (MeV)

55

MAT 5058

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

50-Sn-123



56

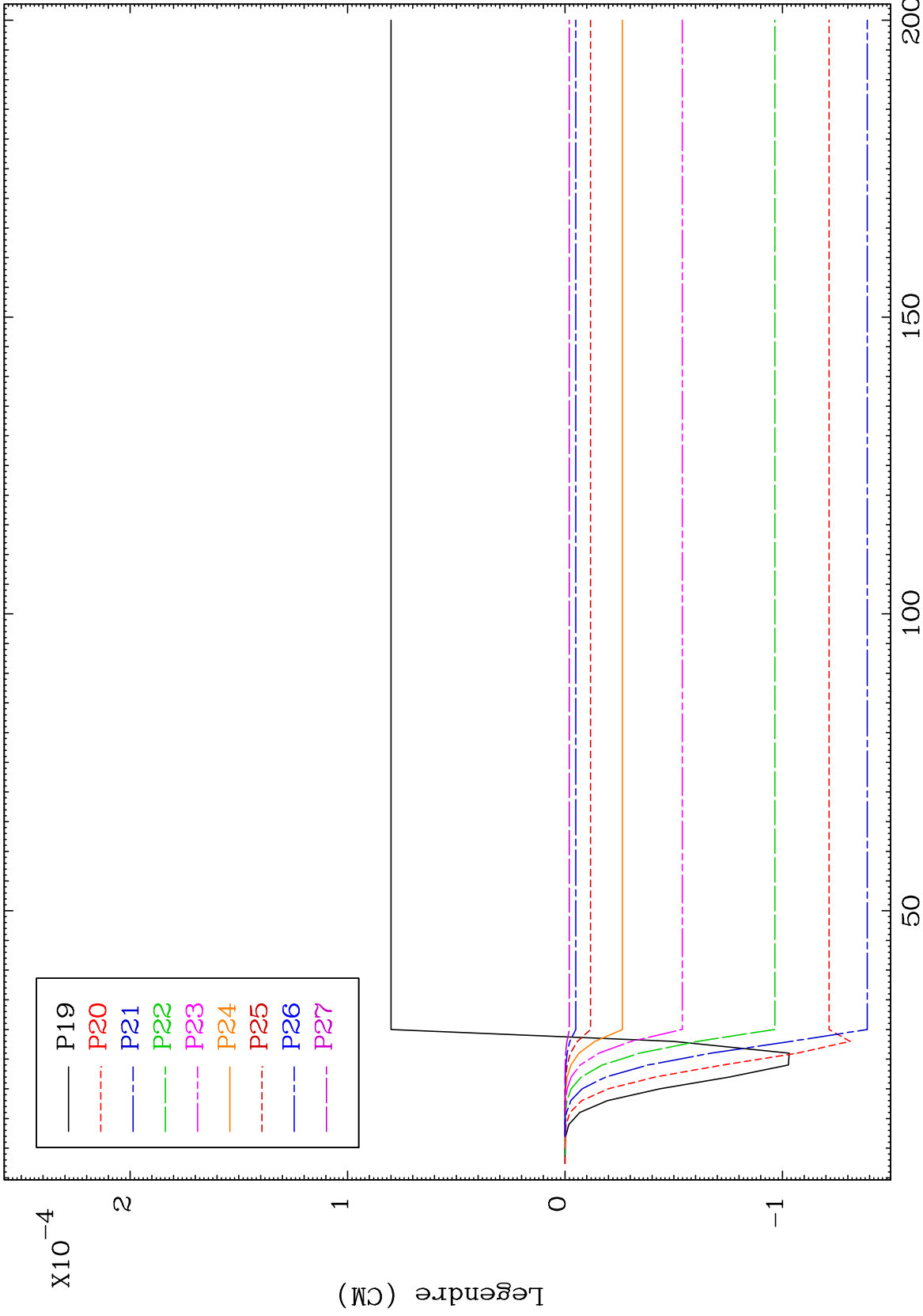
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123

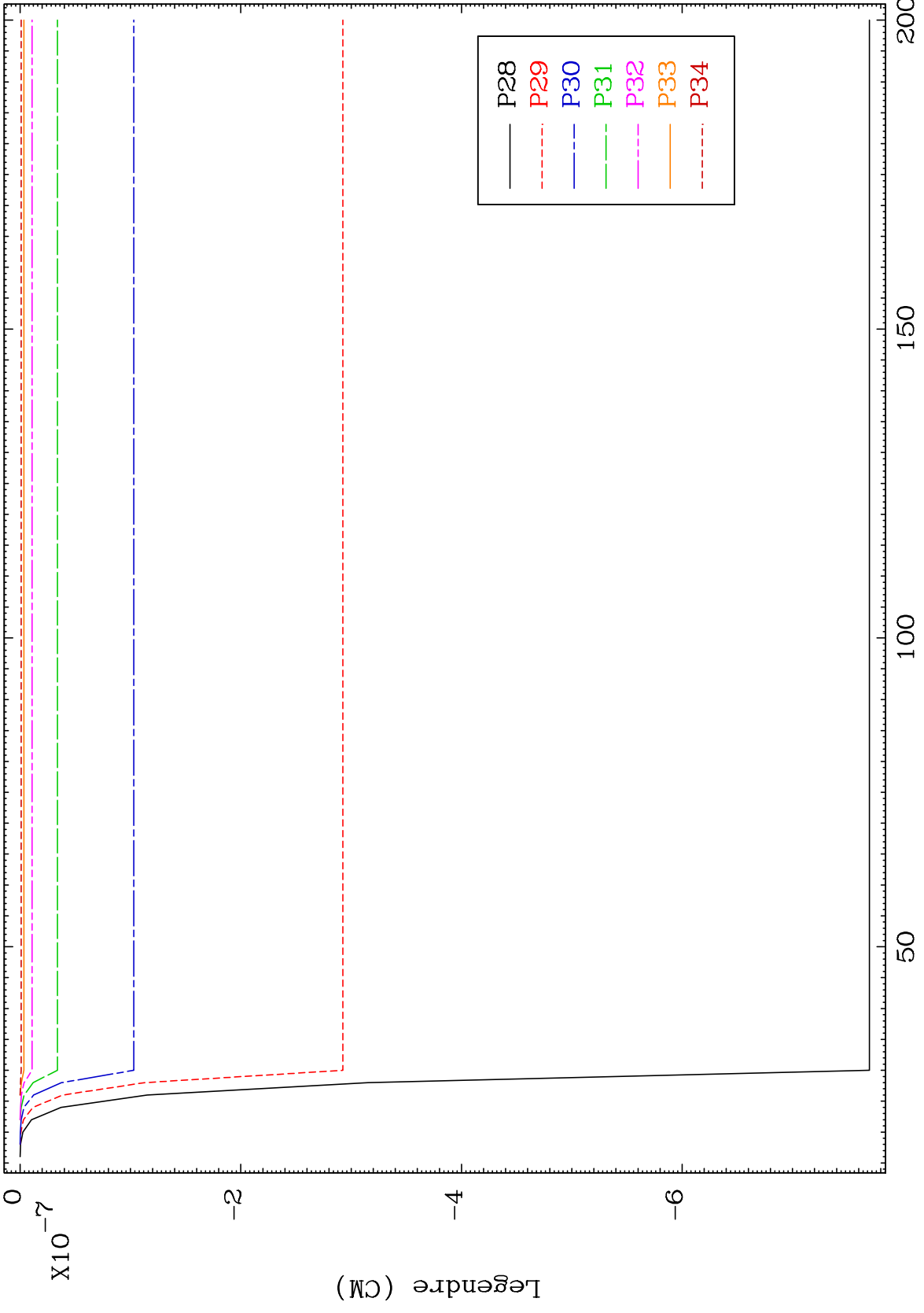


57

Incident Energy (MeV)

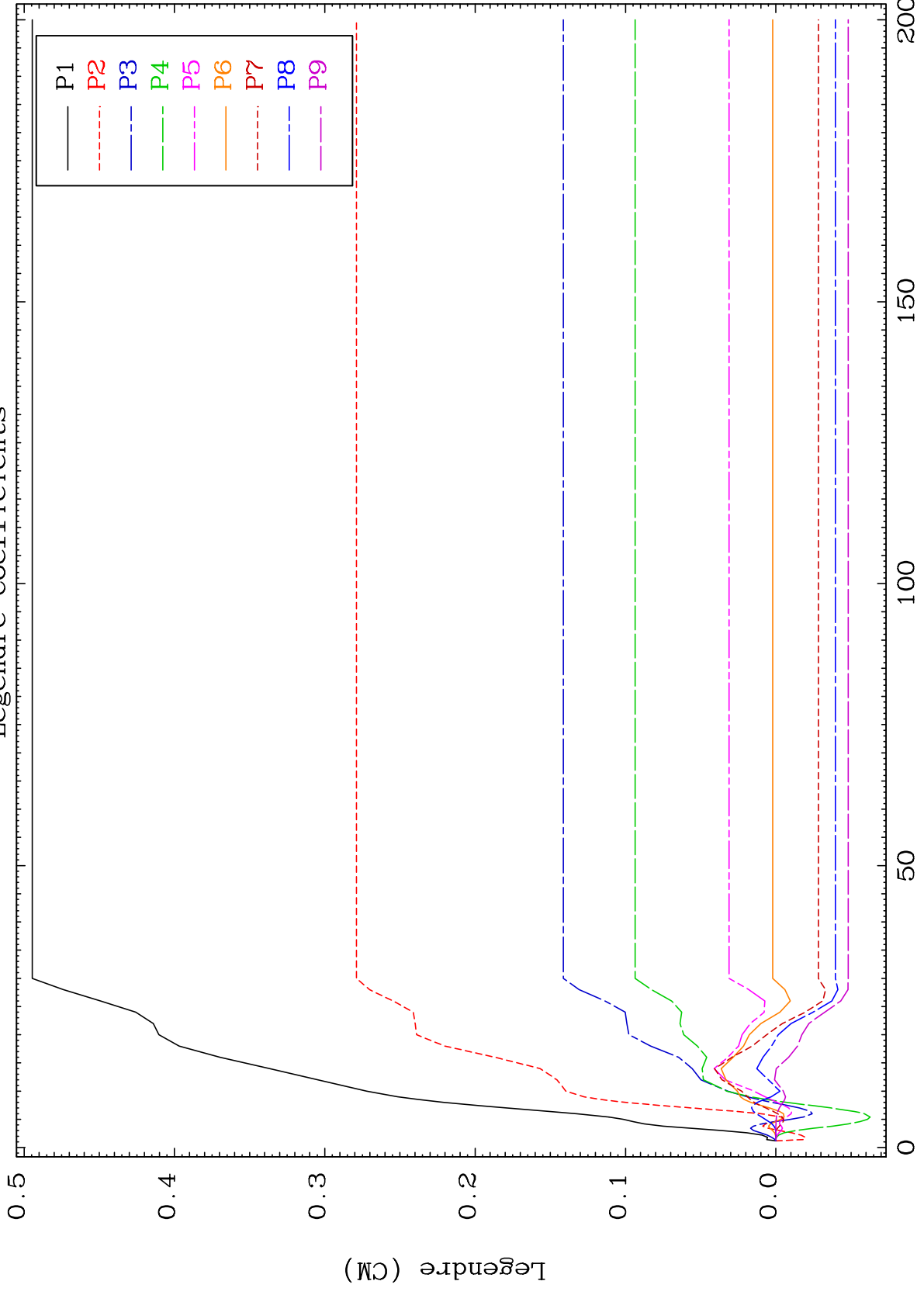
50-Sn-123

MAT 5058 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-123



58 50-Sn-123

MAT 5058 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-123

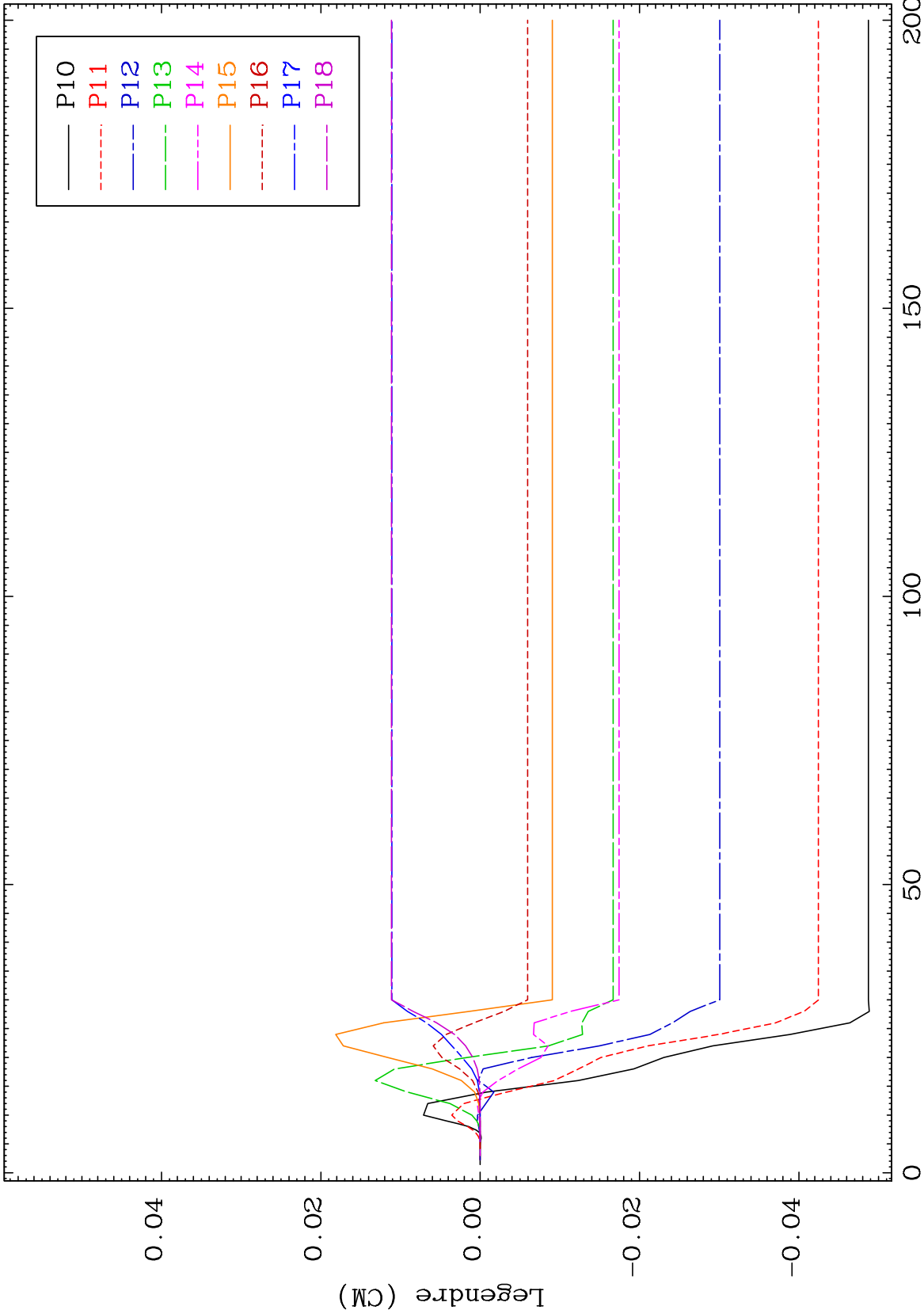


59 Incident Energy (MeV) 50-Sn-123

MAT 5058

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

50-Sn-123



60

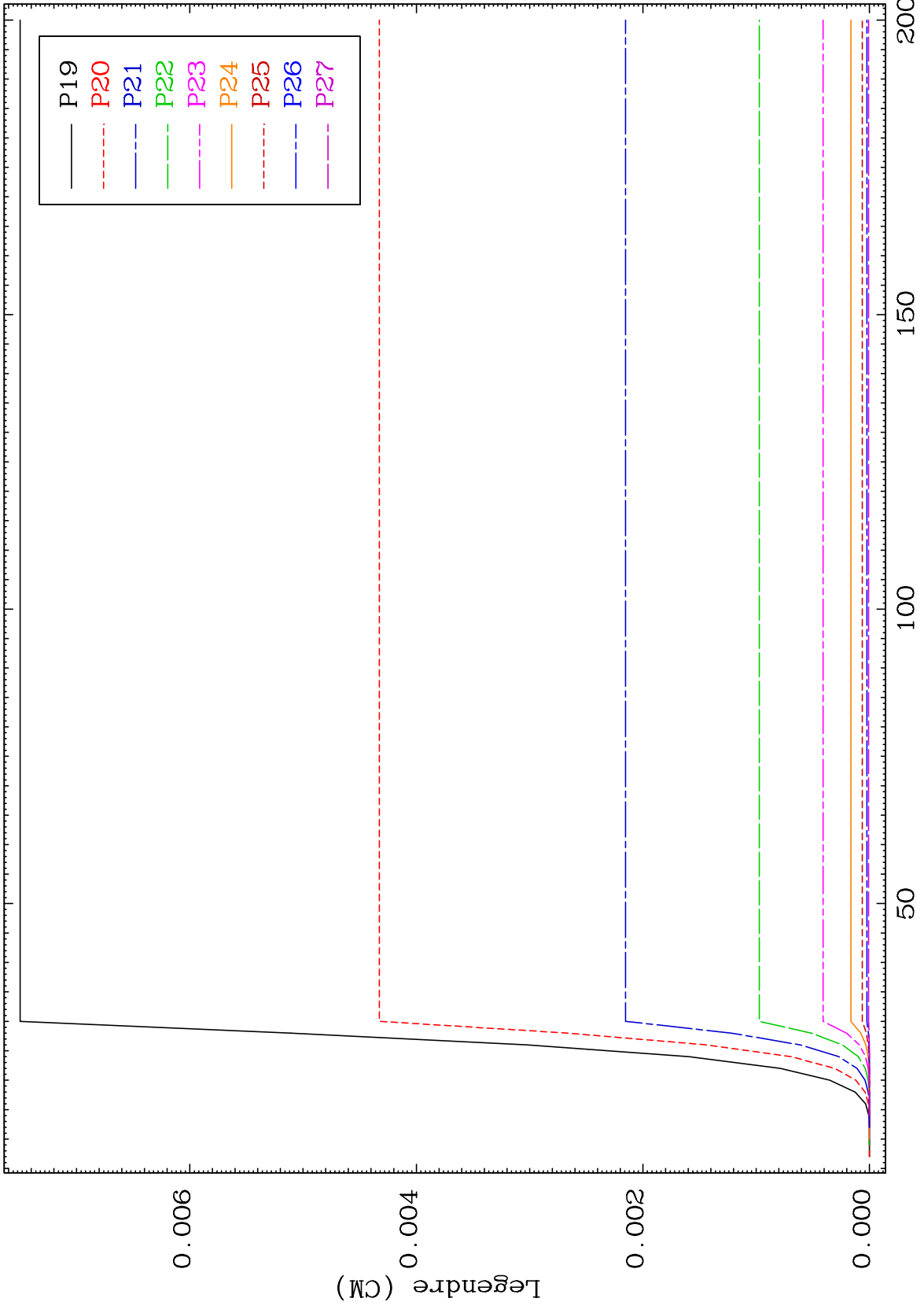
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



61

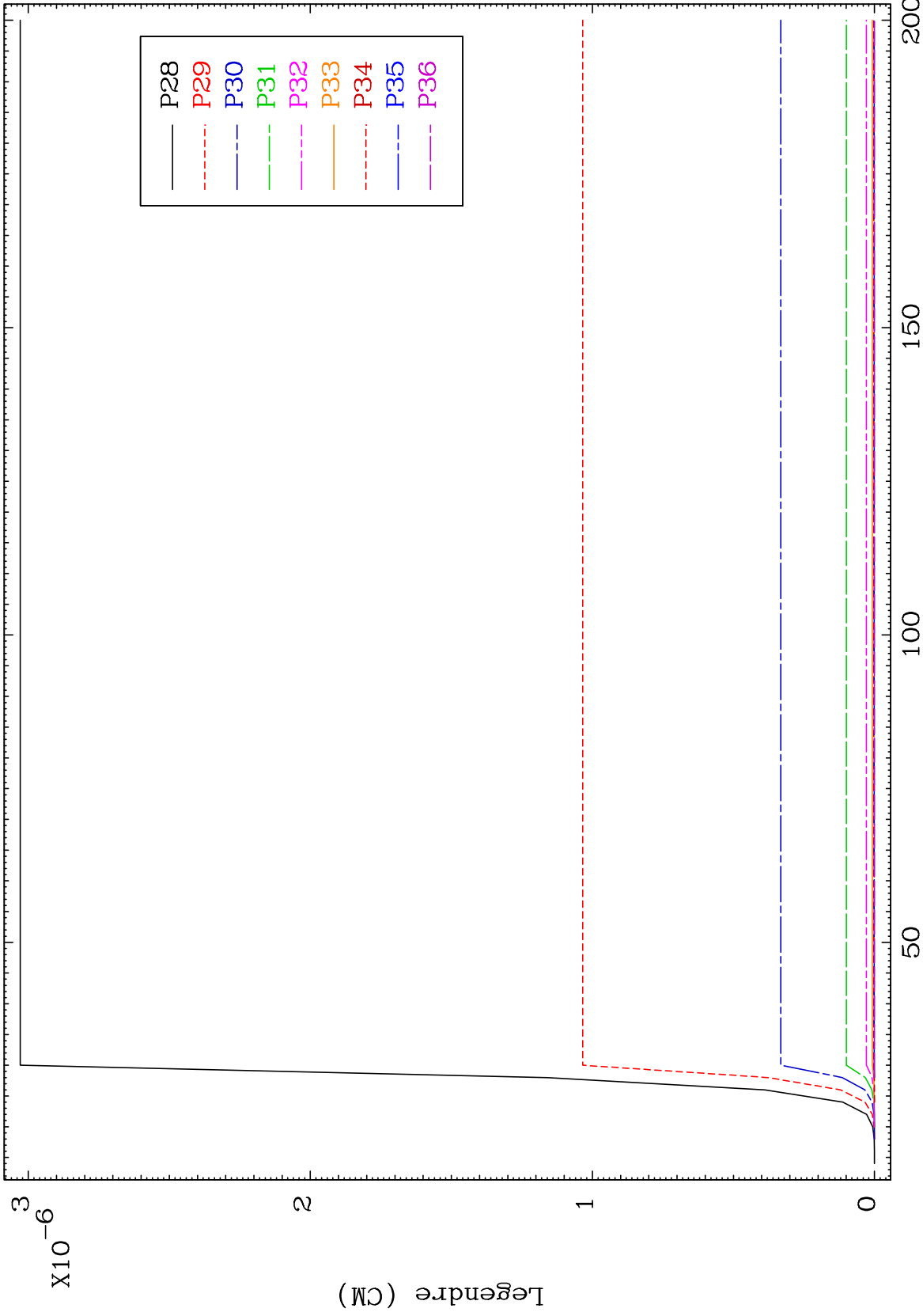
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123

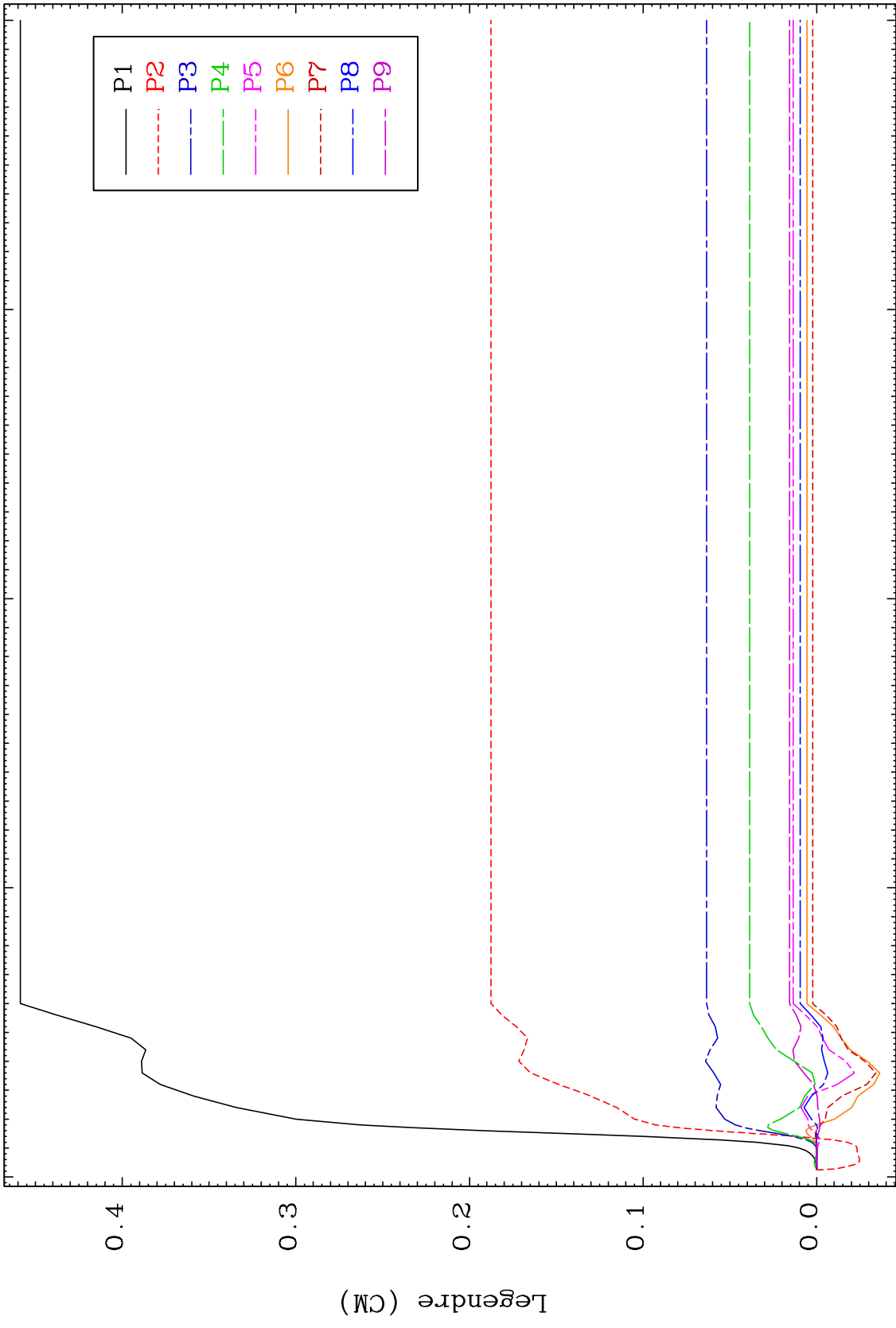


62

Incident Energy (MeV)

50-Sn-123

MAT 5058 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-123

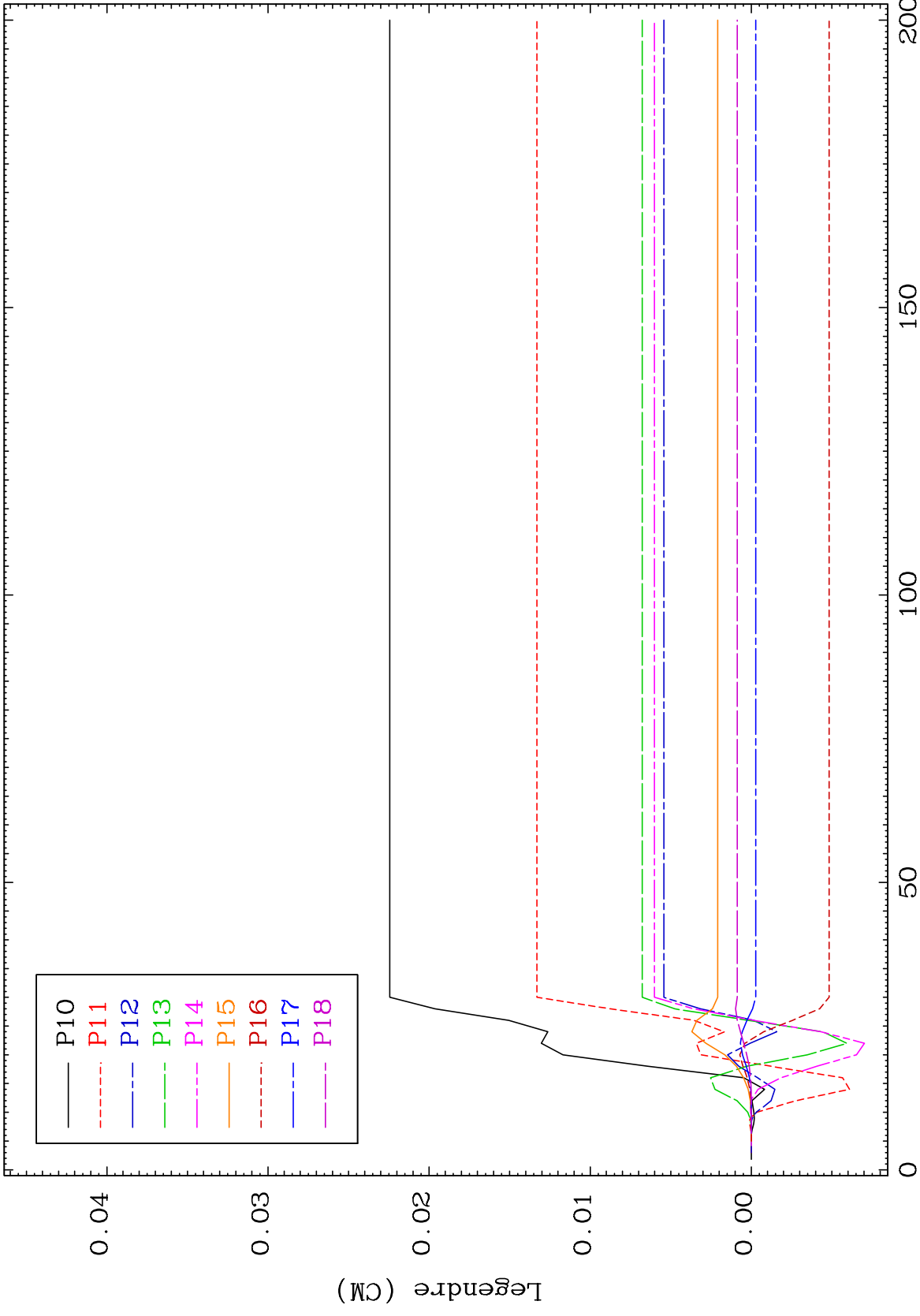


63 Incident Energy (MeV) 50-Sn-123

MAT 5058

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

50-Sn-123



64

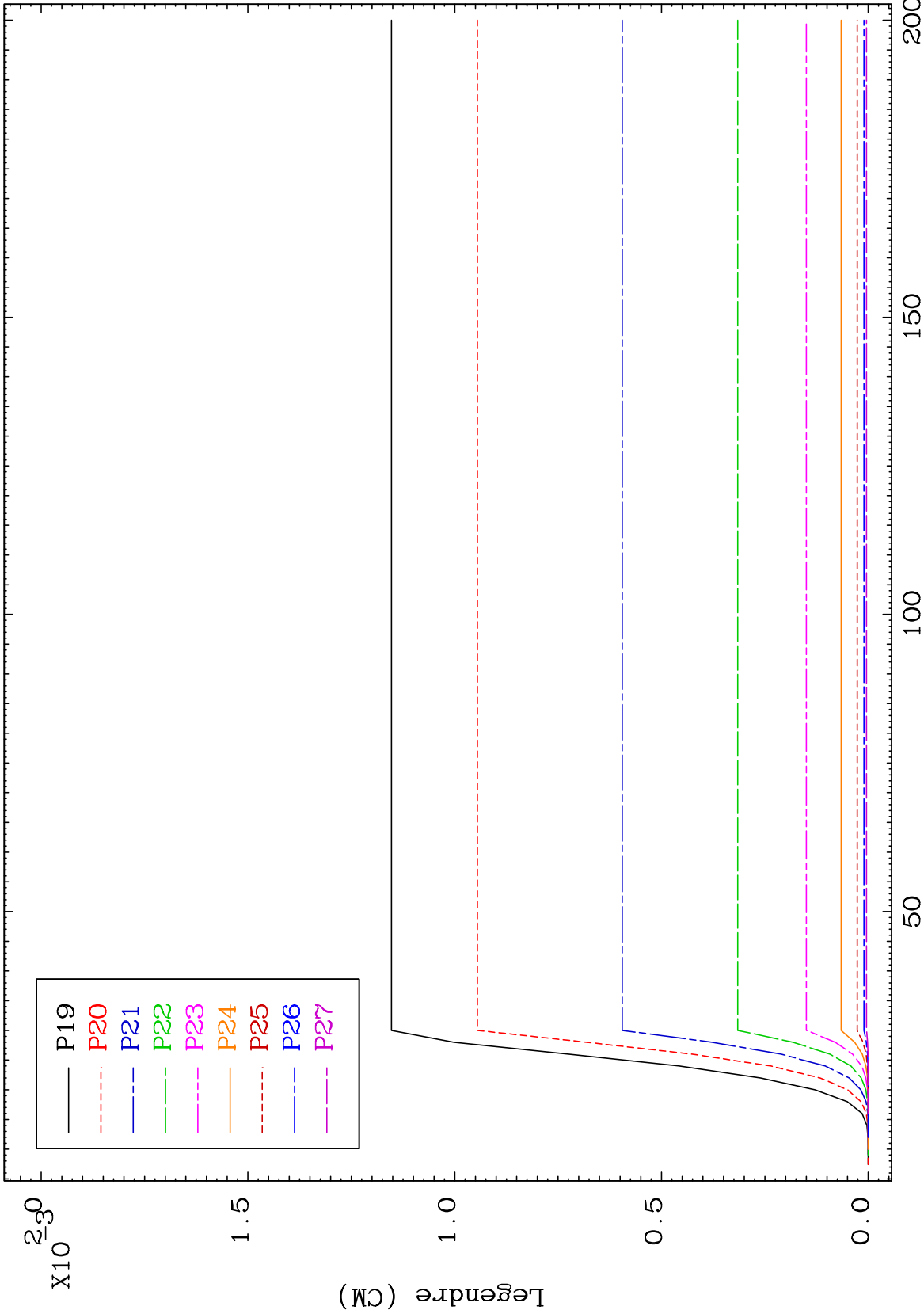
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



65

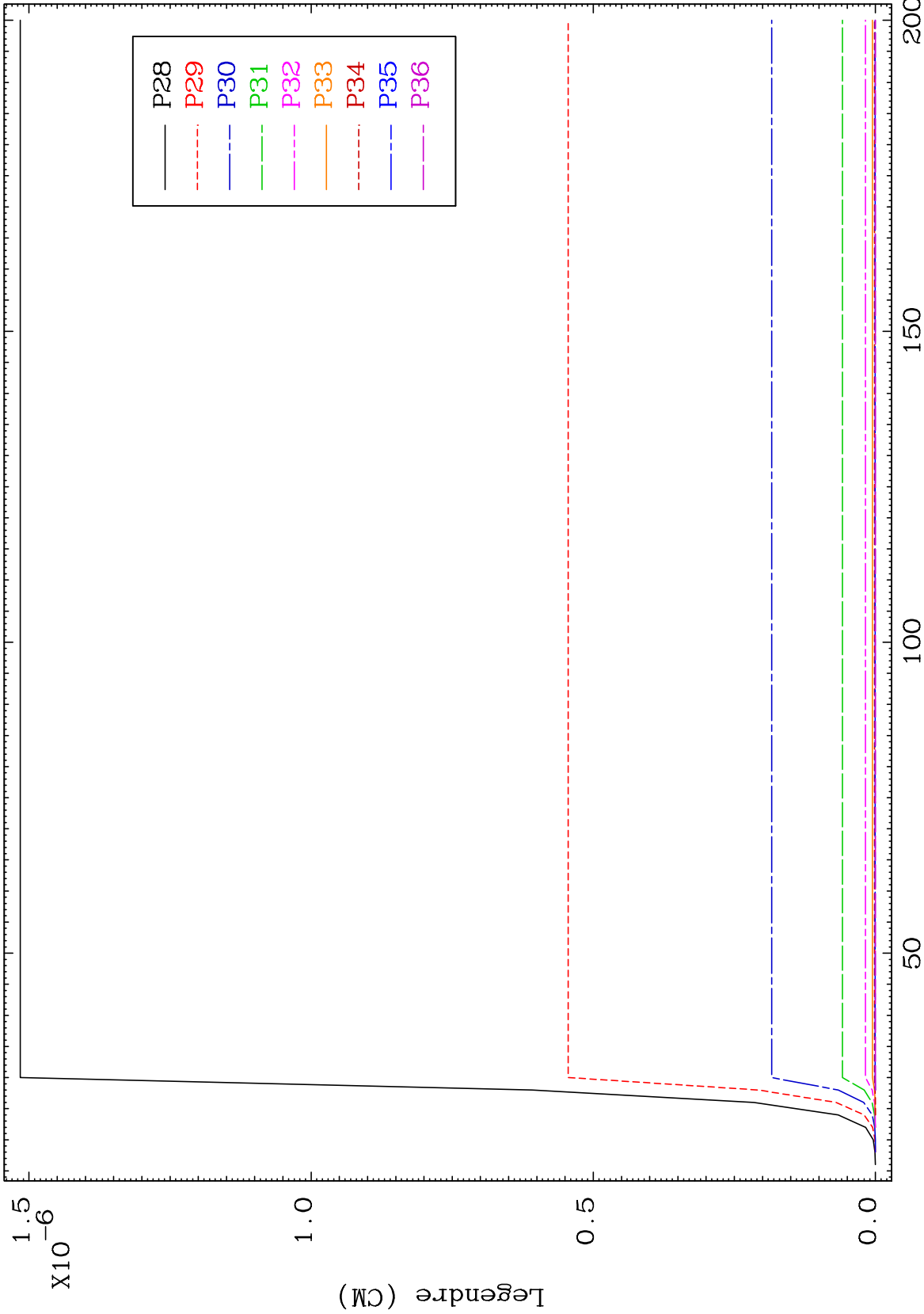
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

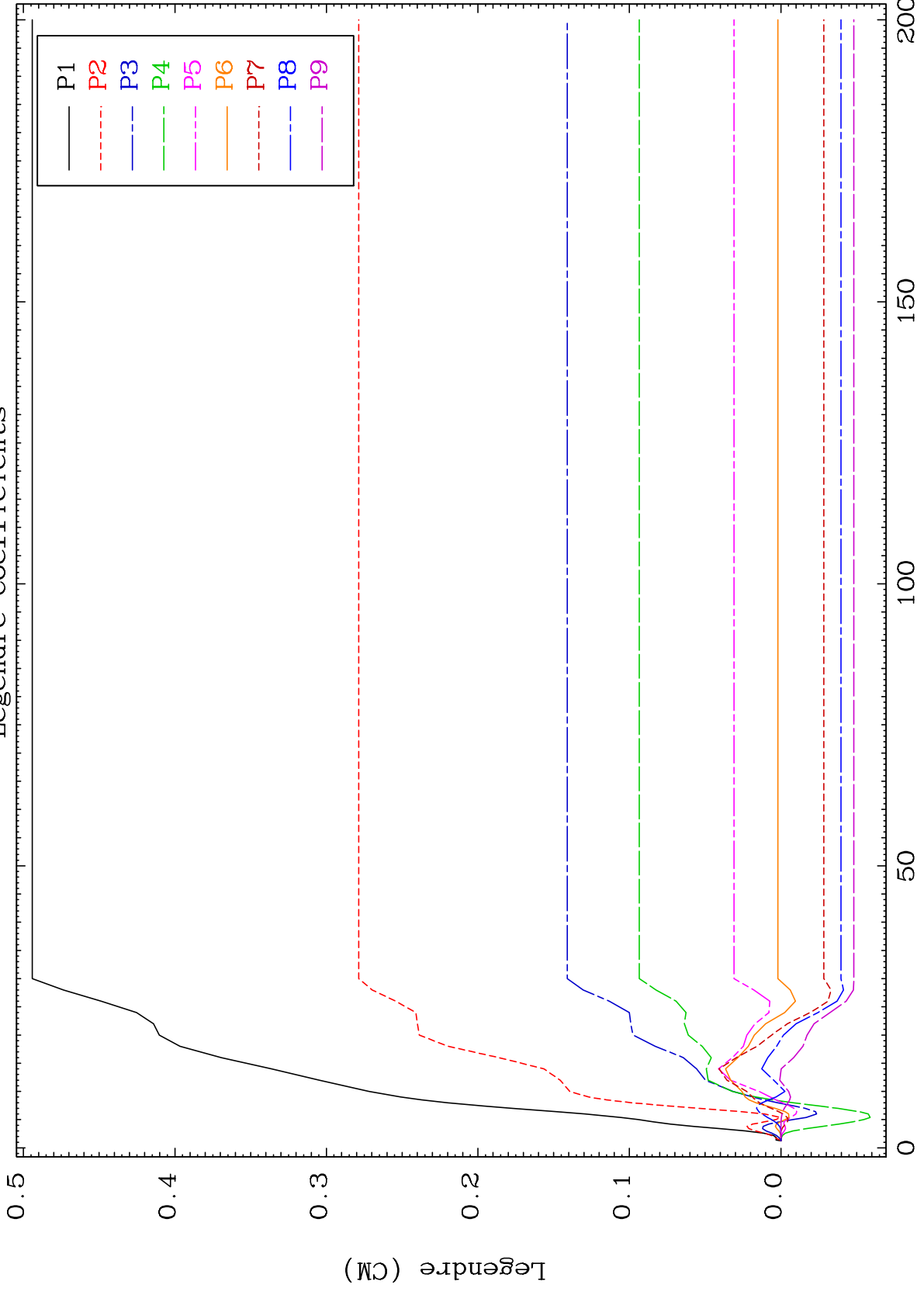
50-Sn-123



66

50-Sn-123

MAT 5058 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-123

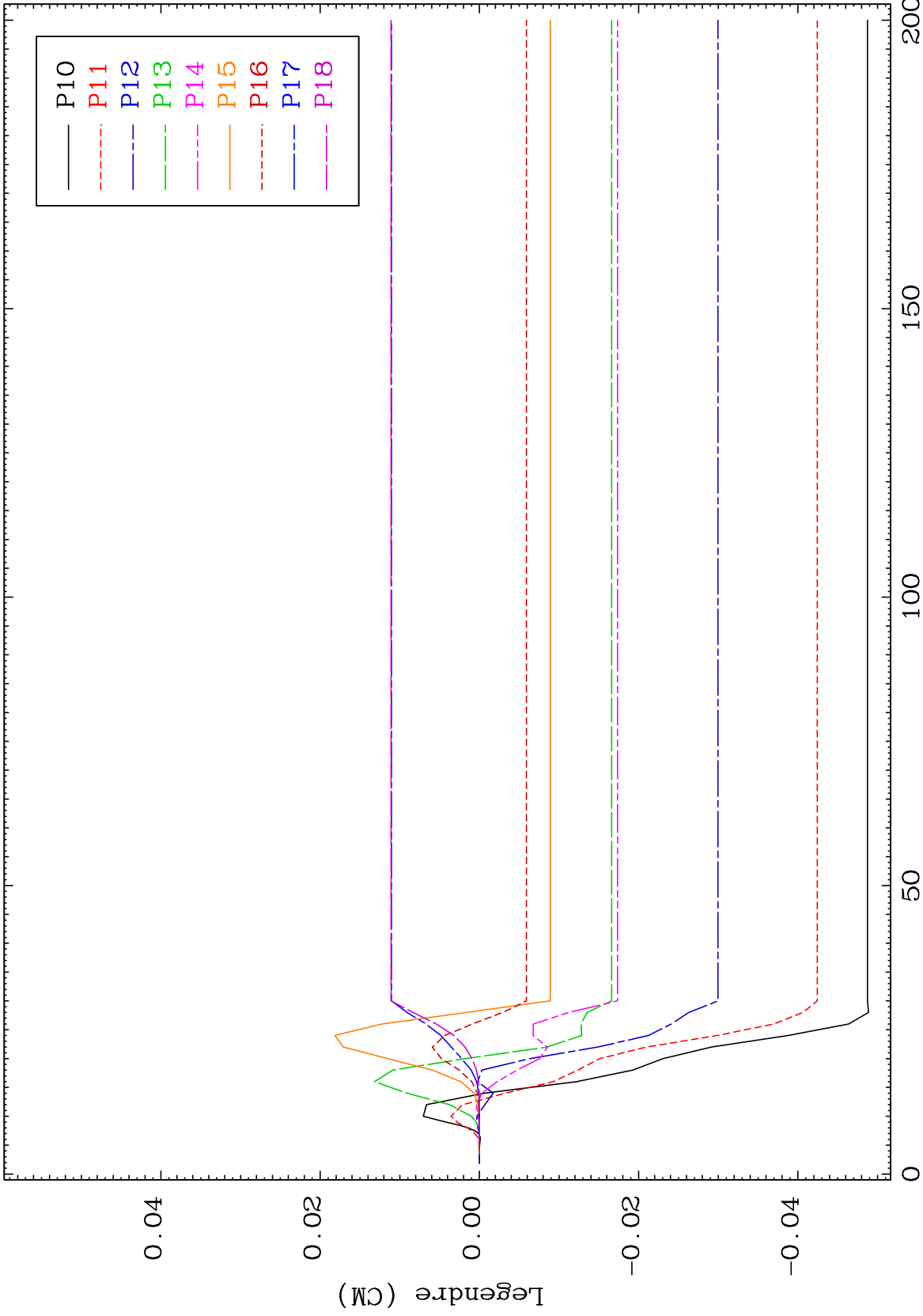


67 Incident Energy (MeV) 50-Sn-123

MAT 5058

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

50-Sn-123



68

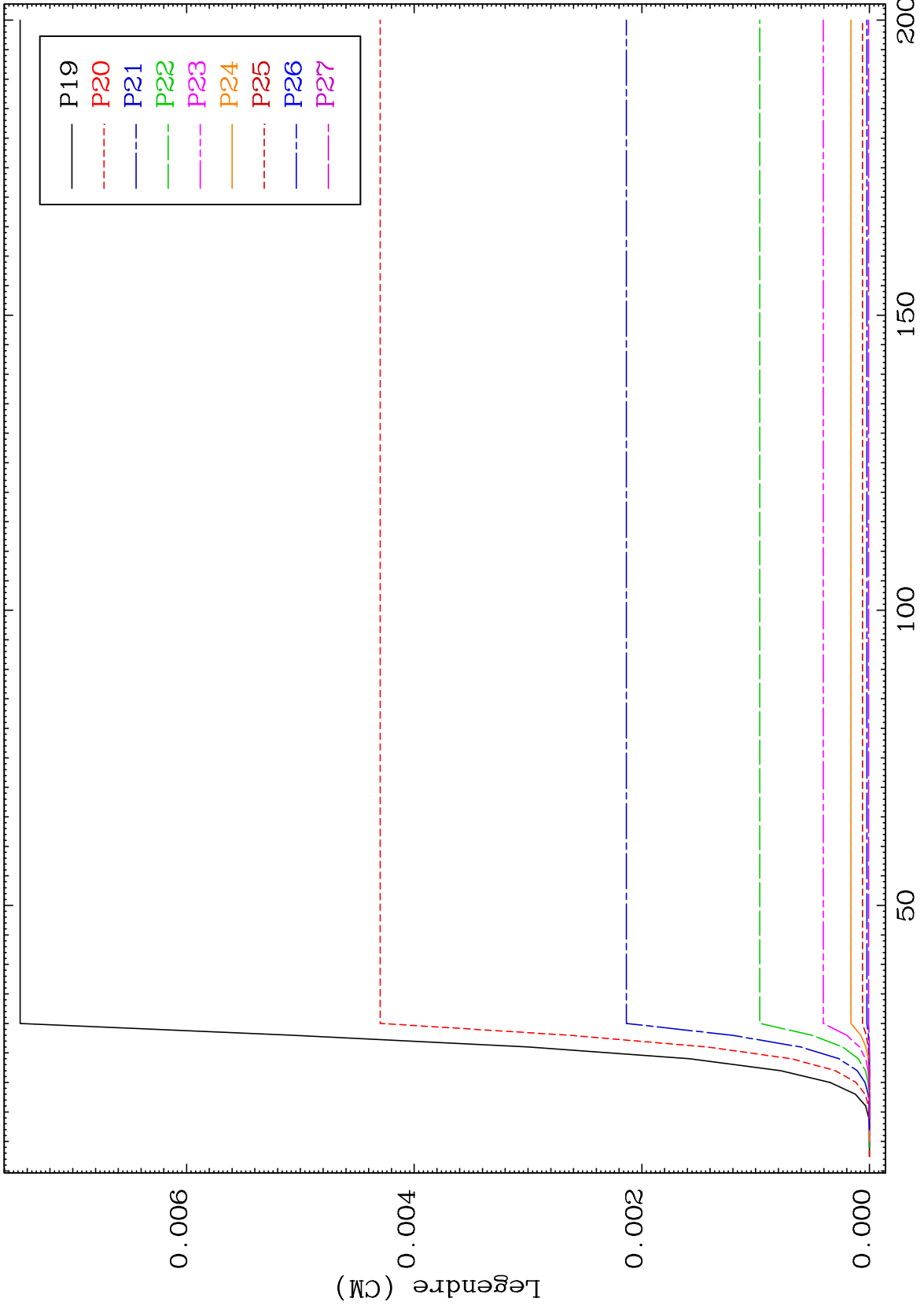
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123

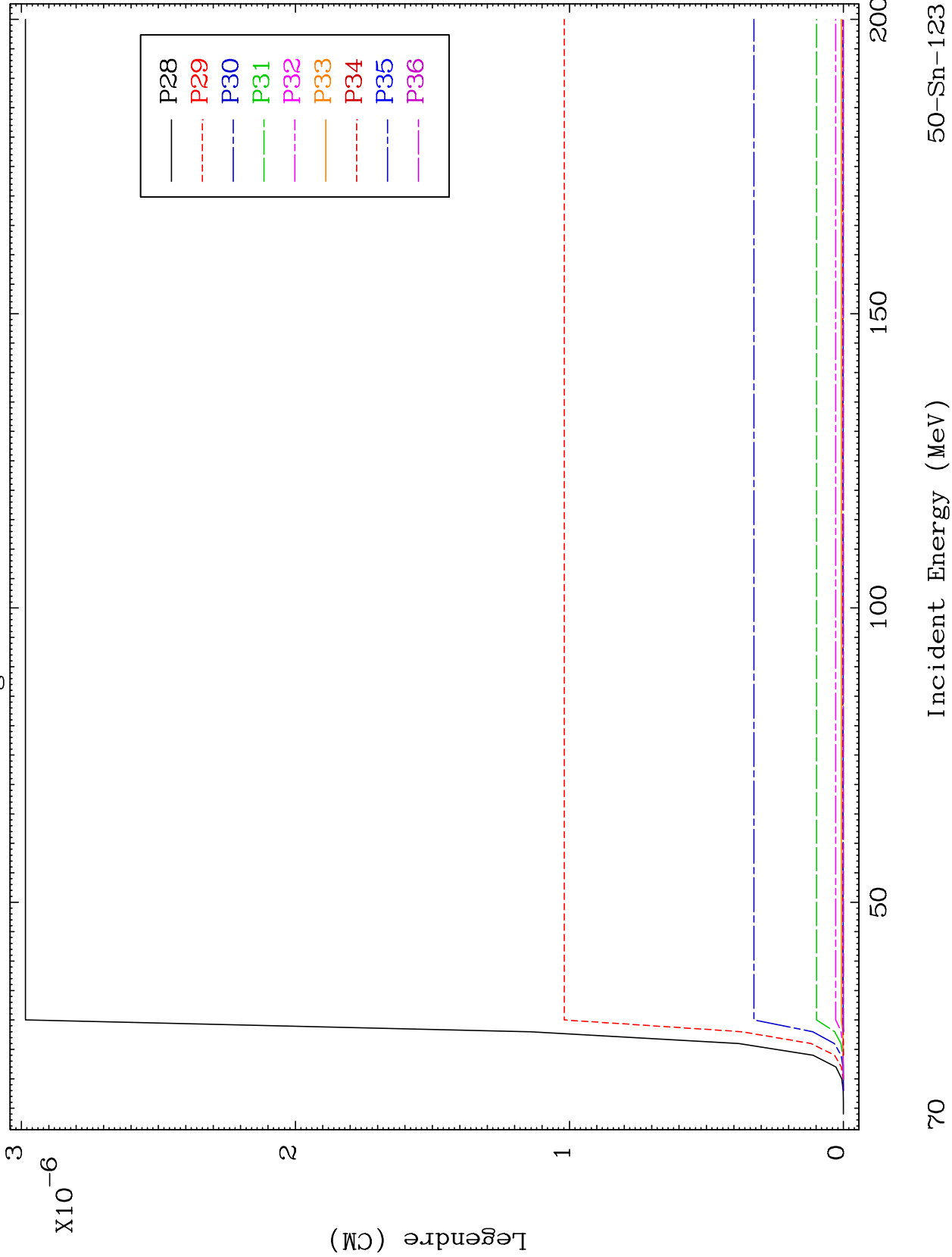


69

Incident Energy (MeV)

50-Sn-123

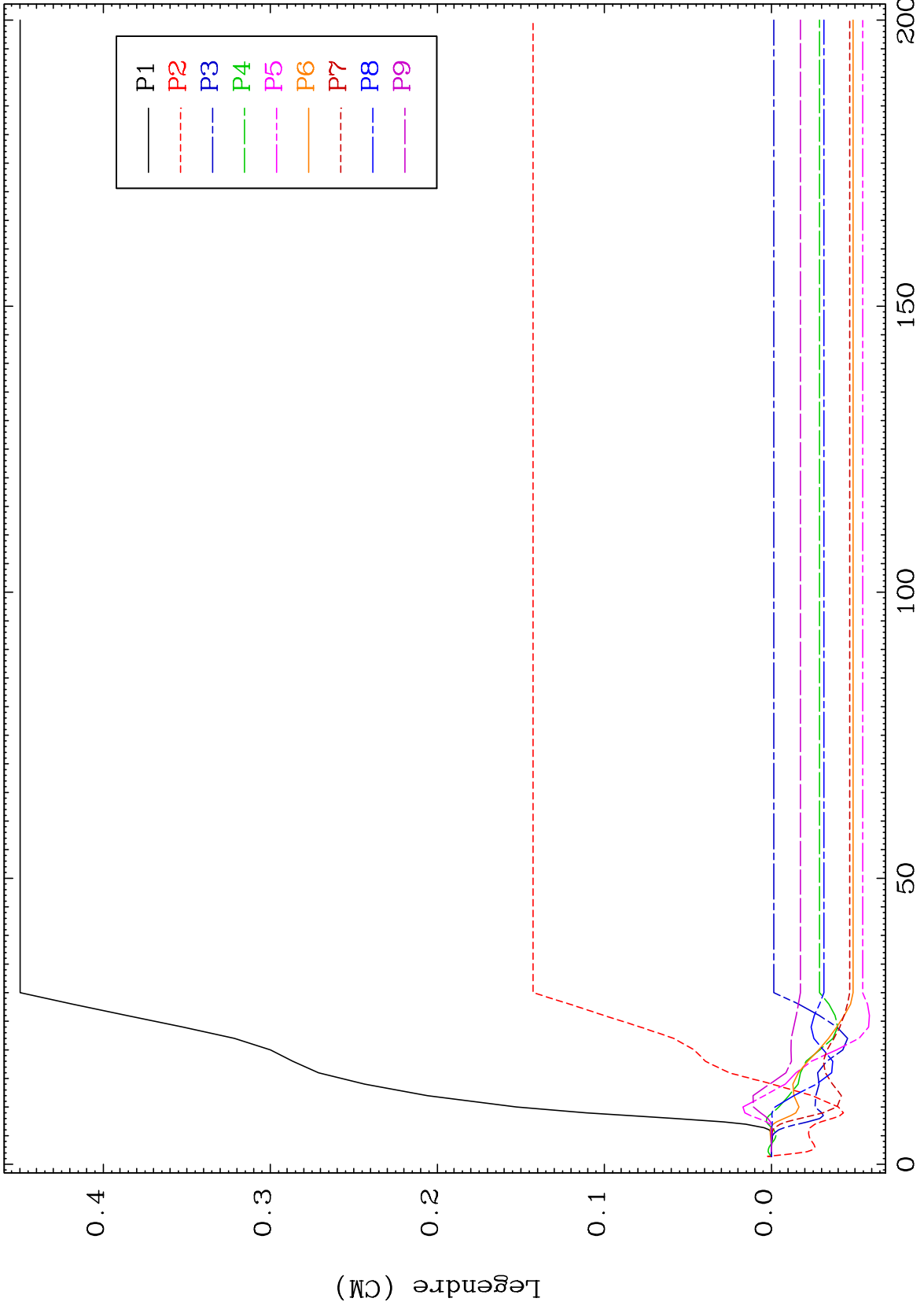
MAT 5058 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-123



MAT 5058

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

50-Sn-123

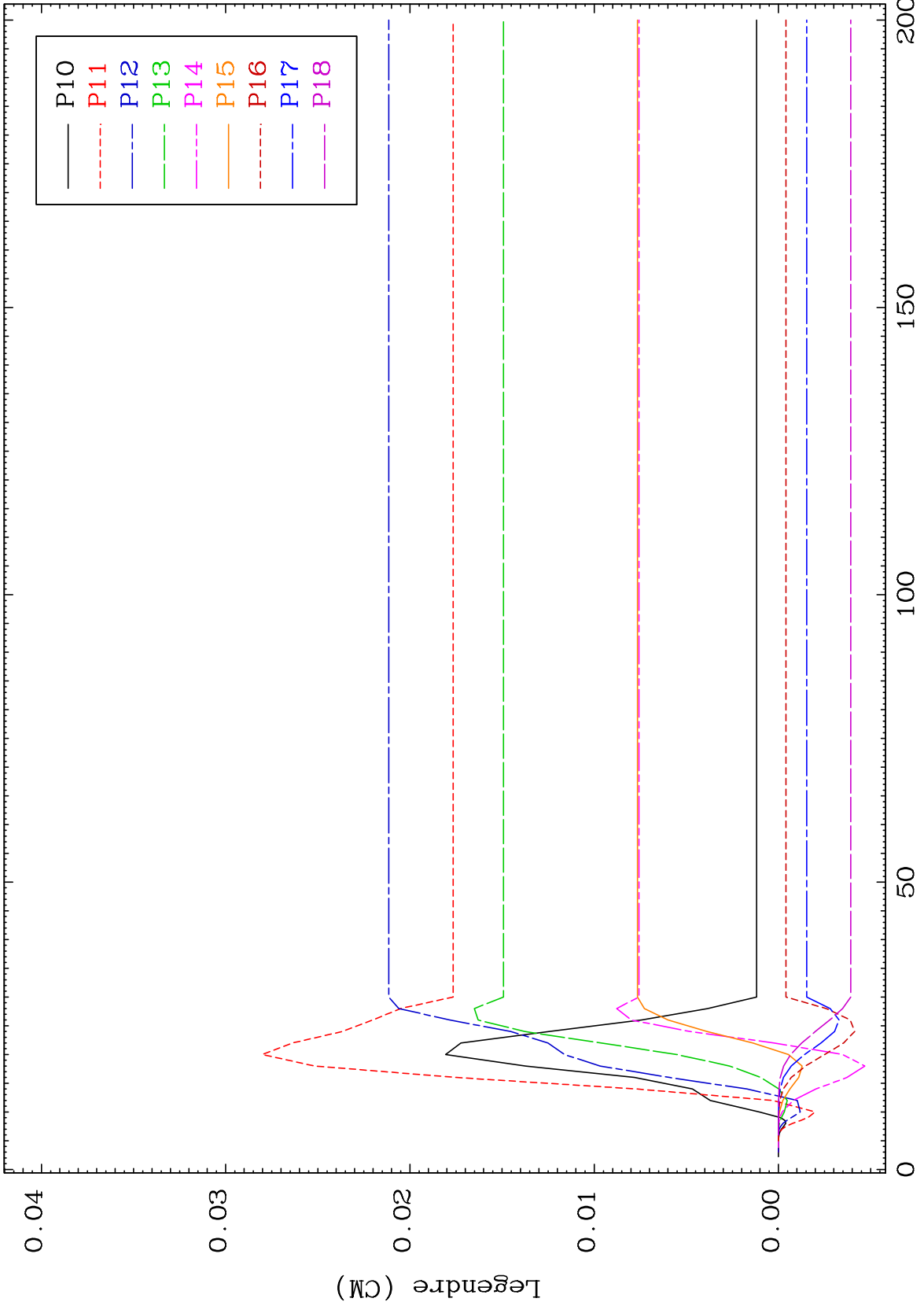


71

Incident Energy (MeV)

50-Sn-123

MAT 5058 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-123

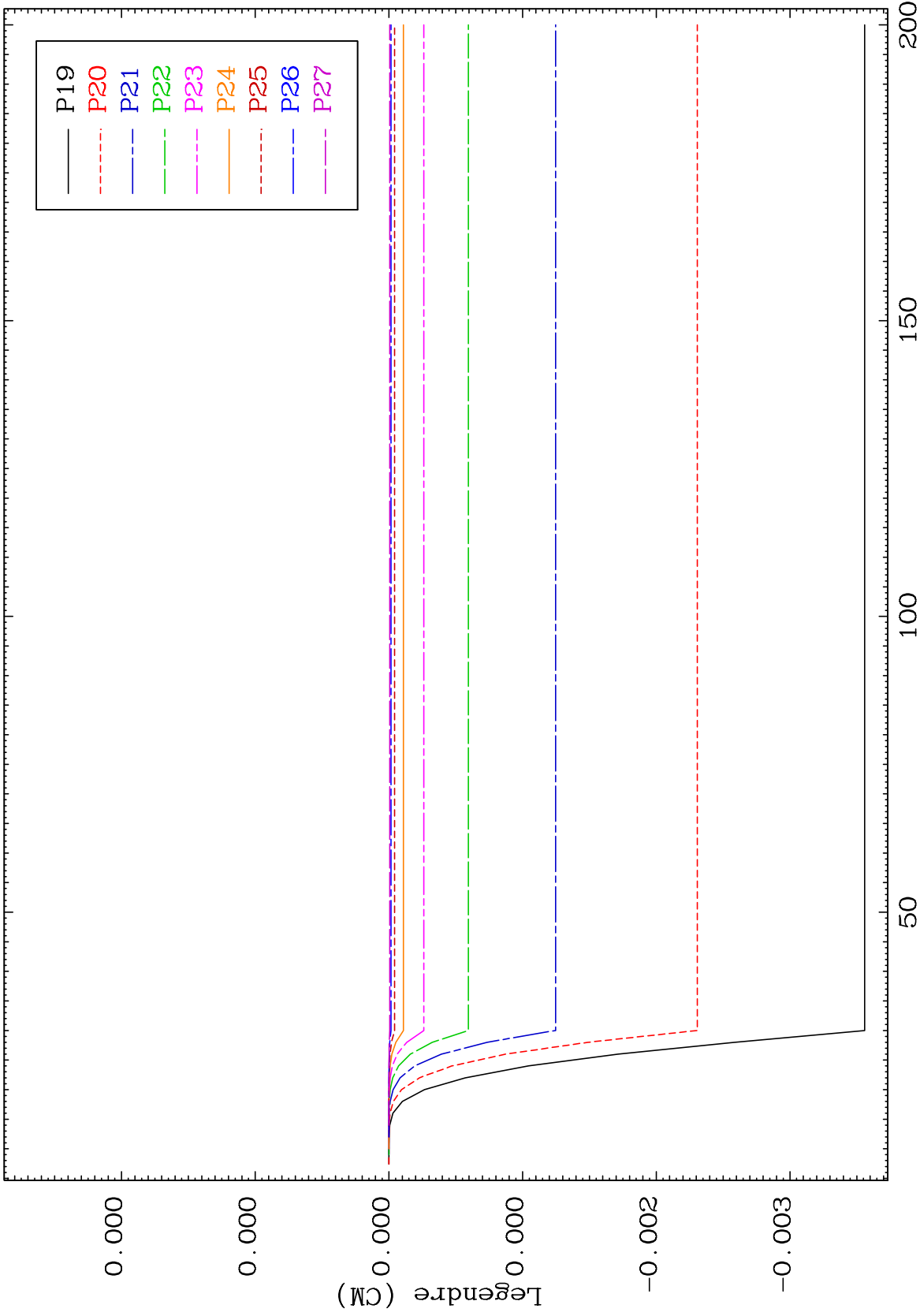


72 50-Sn-123

MAT 5058

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

50-Sn-123

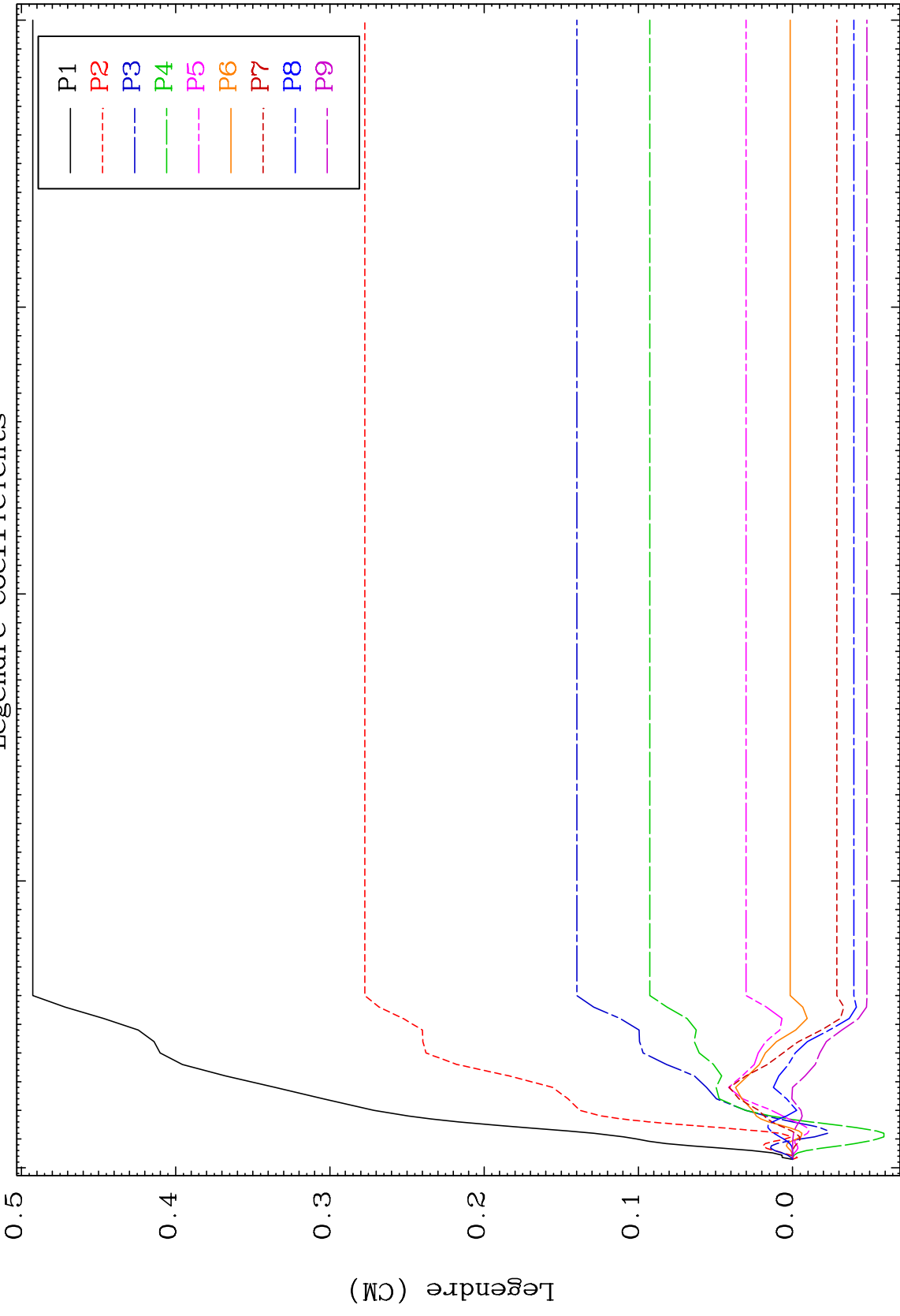


73

Incident Energy (MeV)

50-Sn-123

MAT 5058 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-123

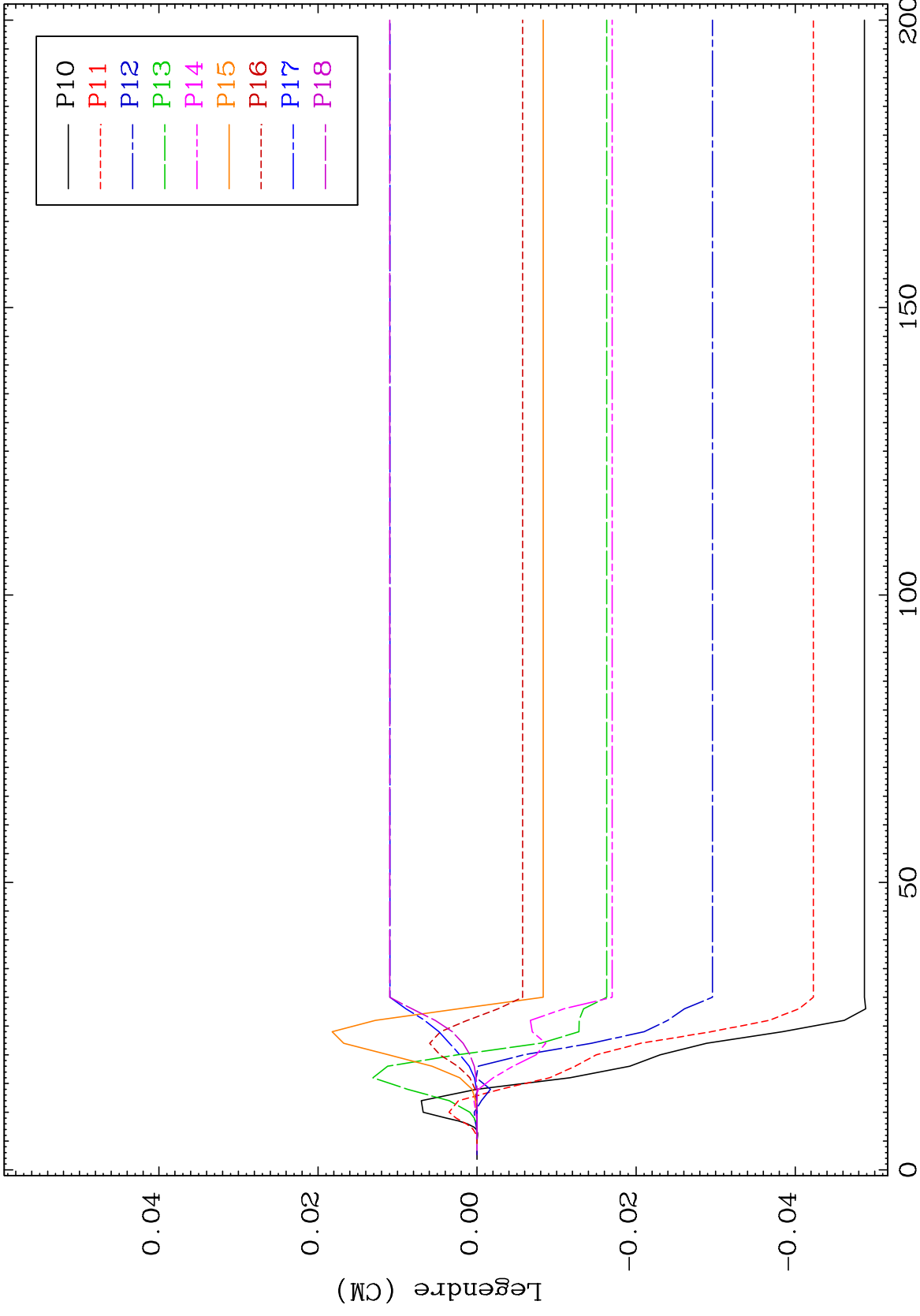


Legendre (CM) Incident Energy (MeV) 75 50-Sn-123

MAT 5058

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

50-Sn-123



76

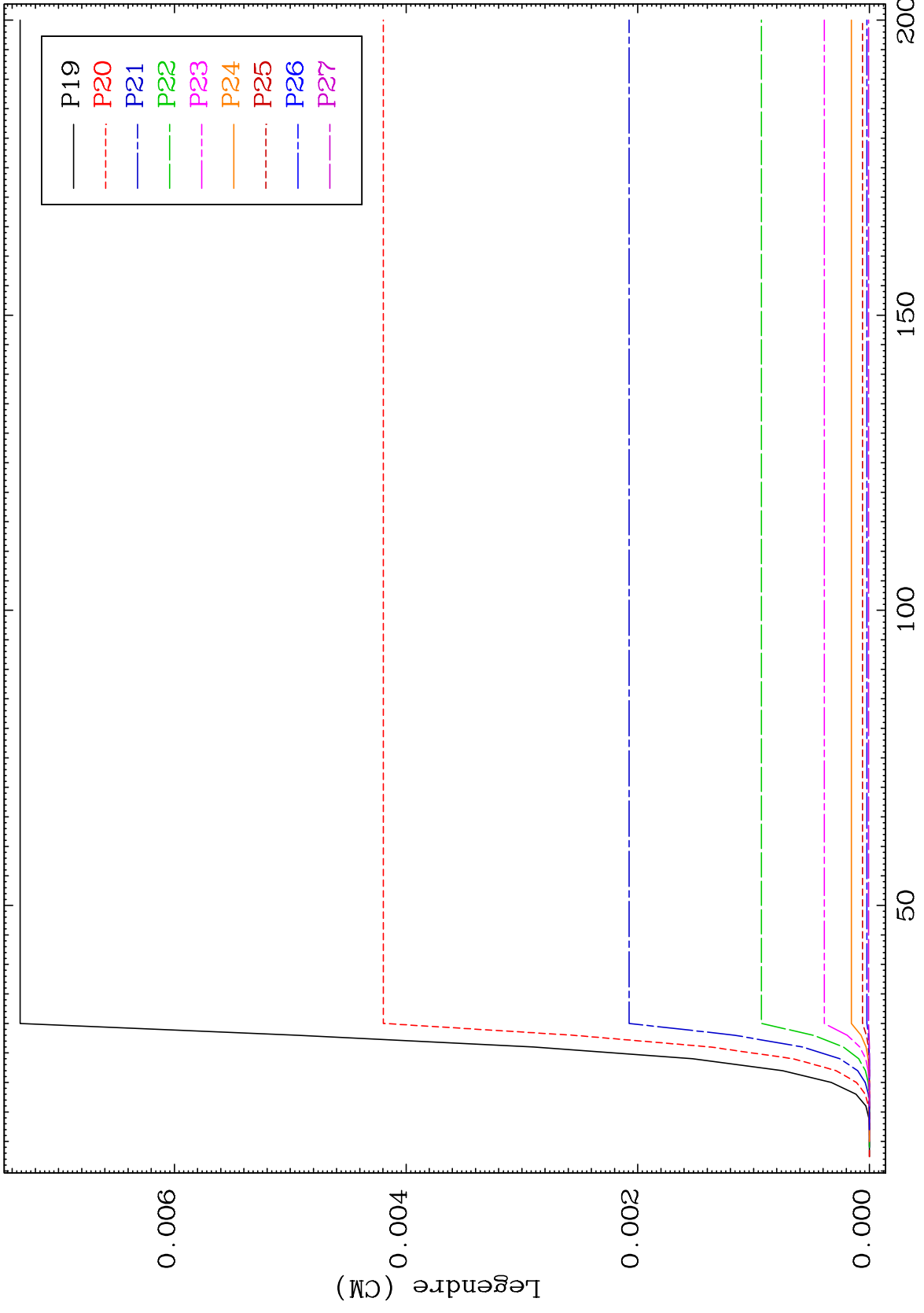
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



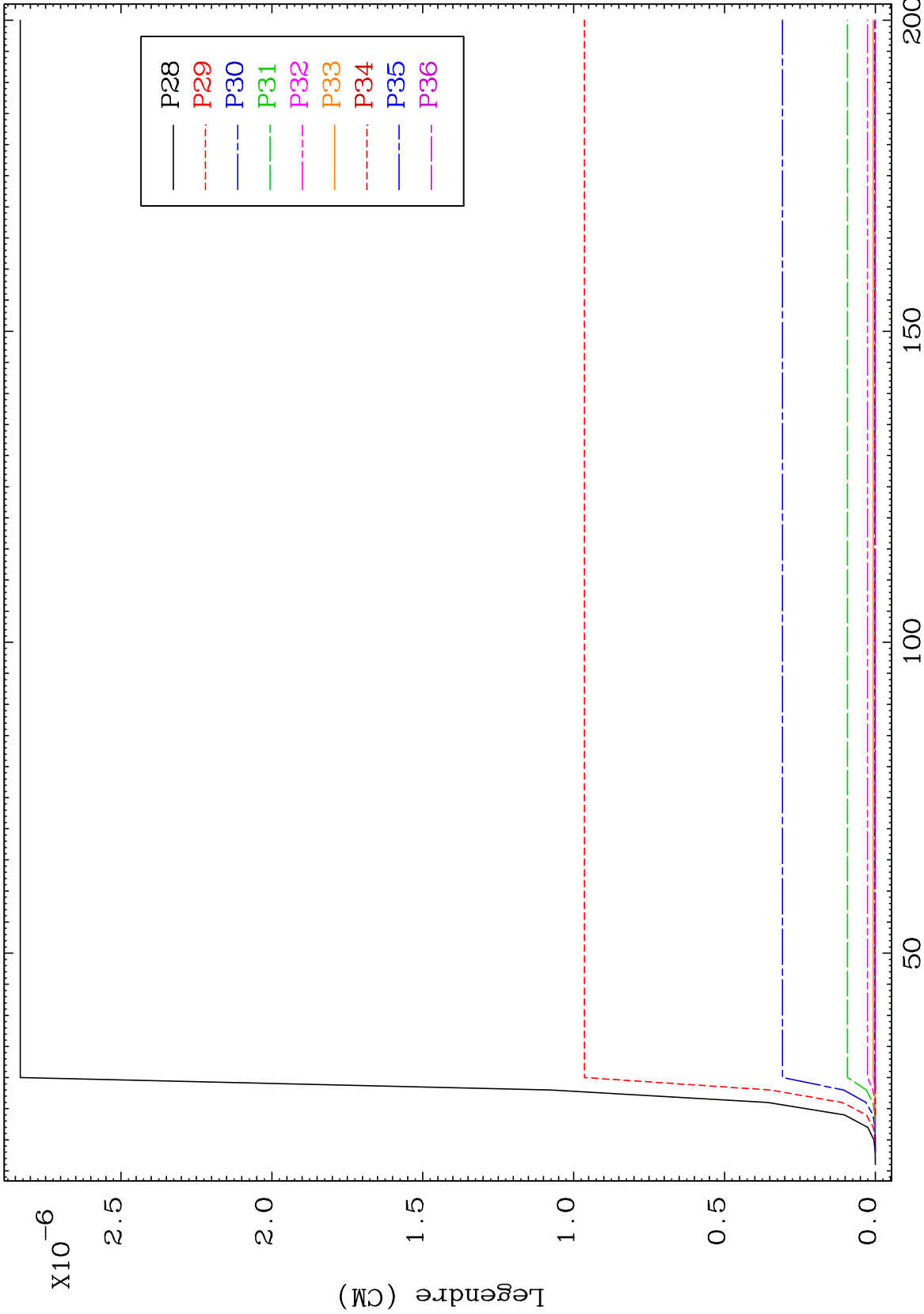
77

50-Sn-123

MAT 5058

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

50-Sn-123

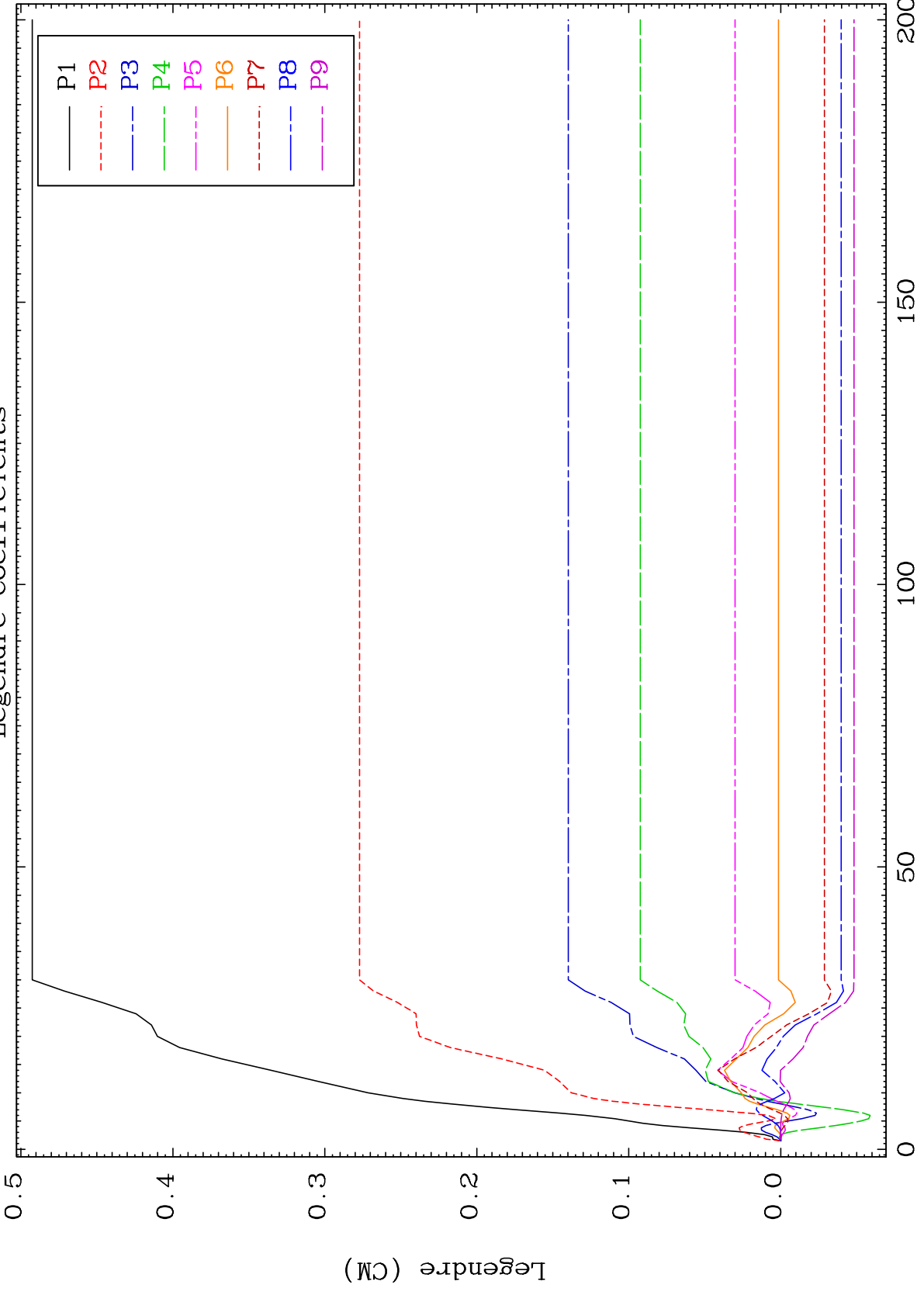


78

Incident Energy (MeV)

50-Sn-123

MAT 5058 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-123

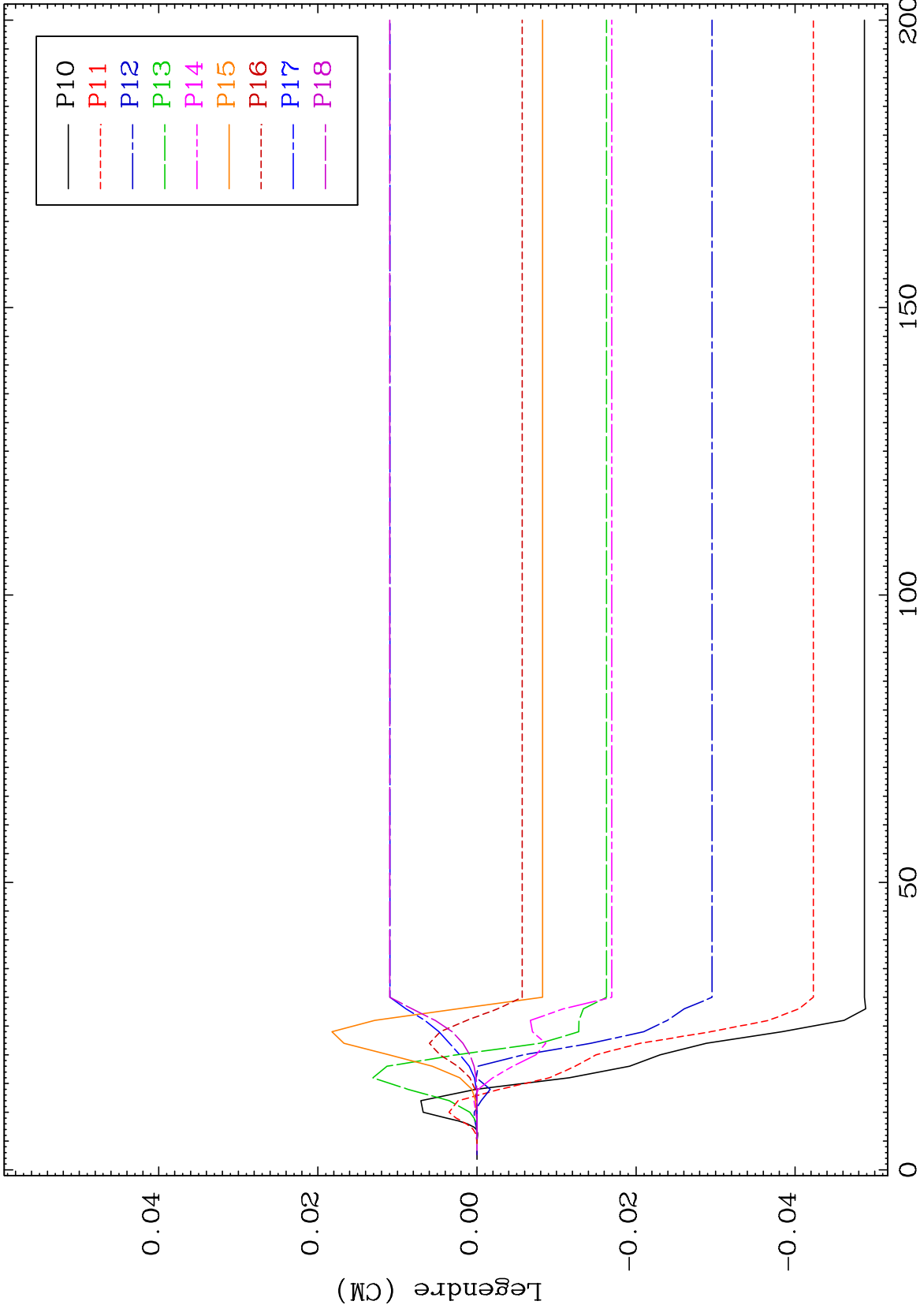


79 Incident Energy (MeV) 50-Sn-123

MAT 5058

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

50-Sn-123



80

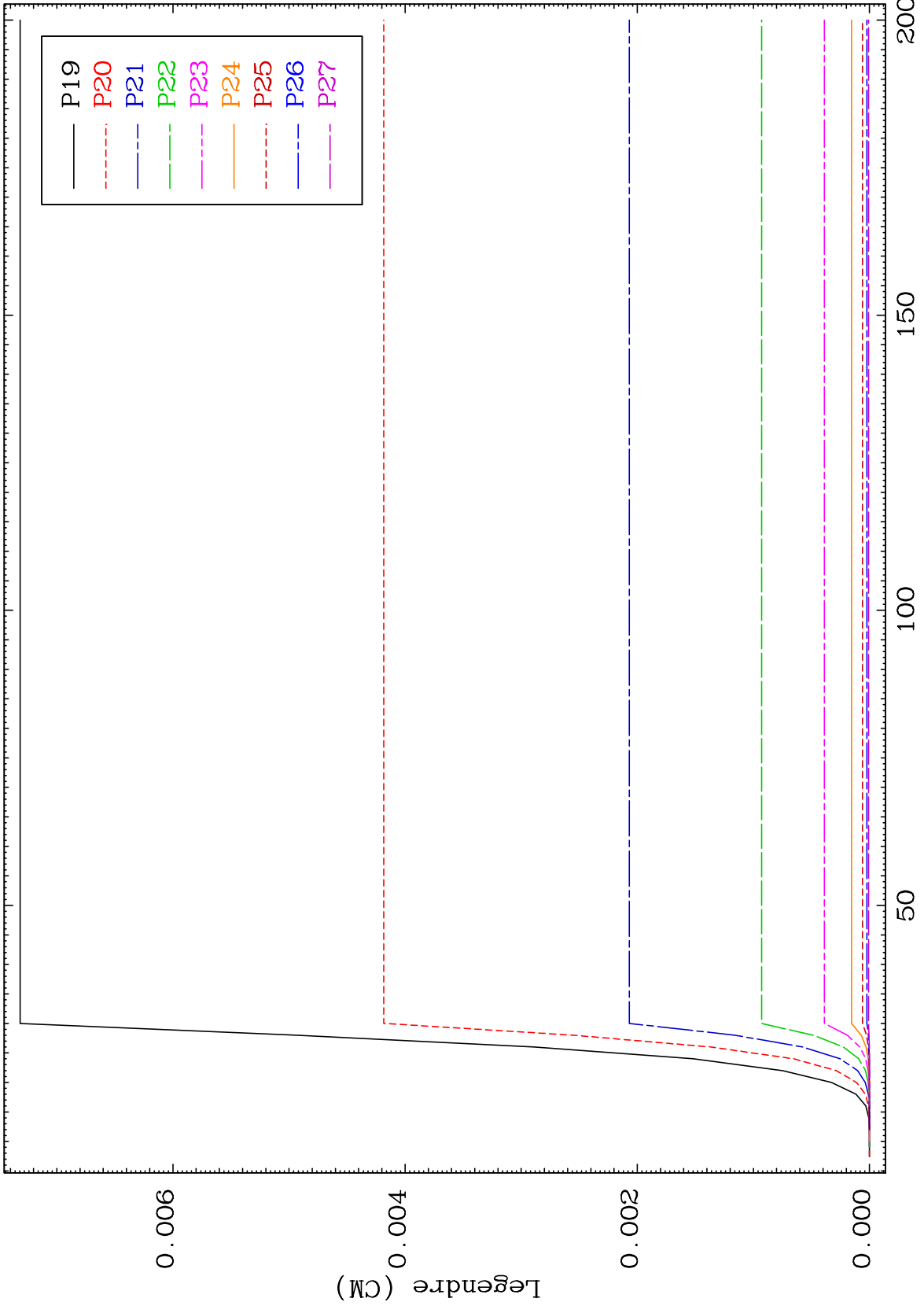
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



81

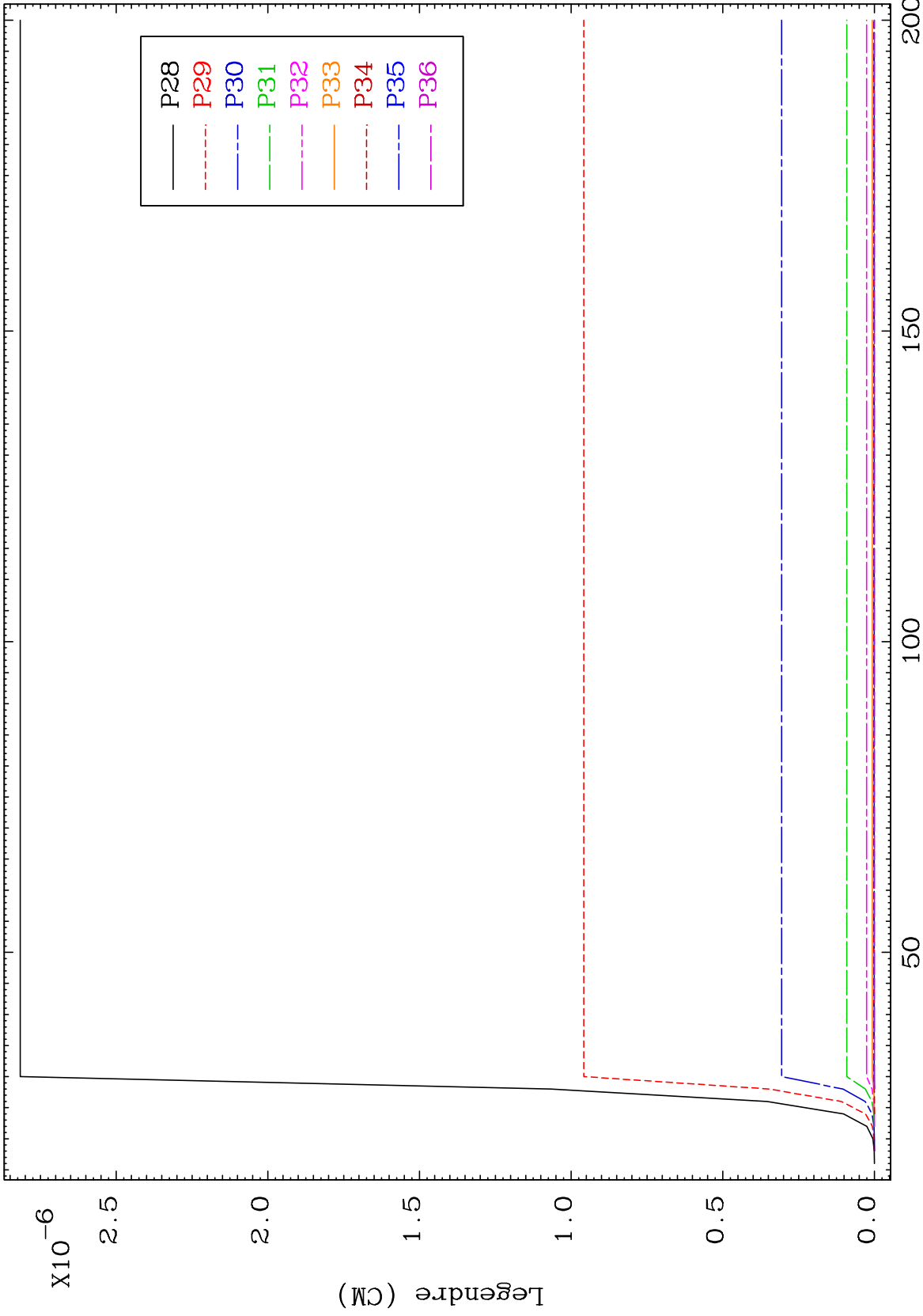
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123

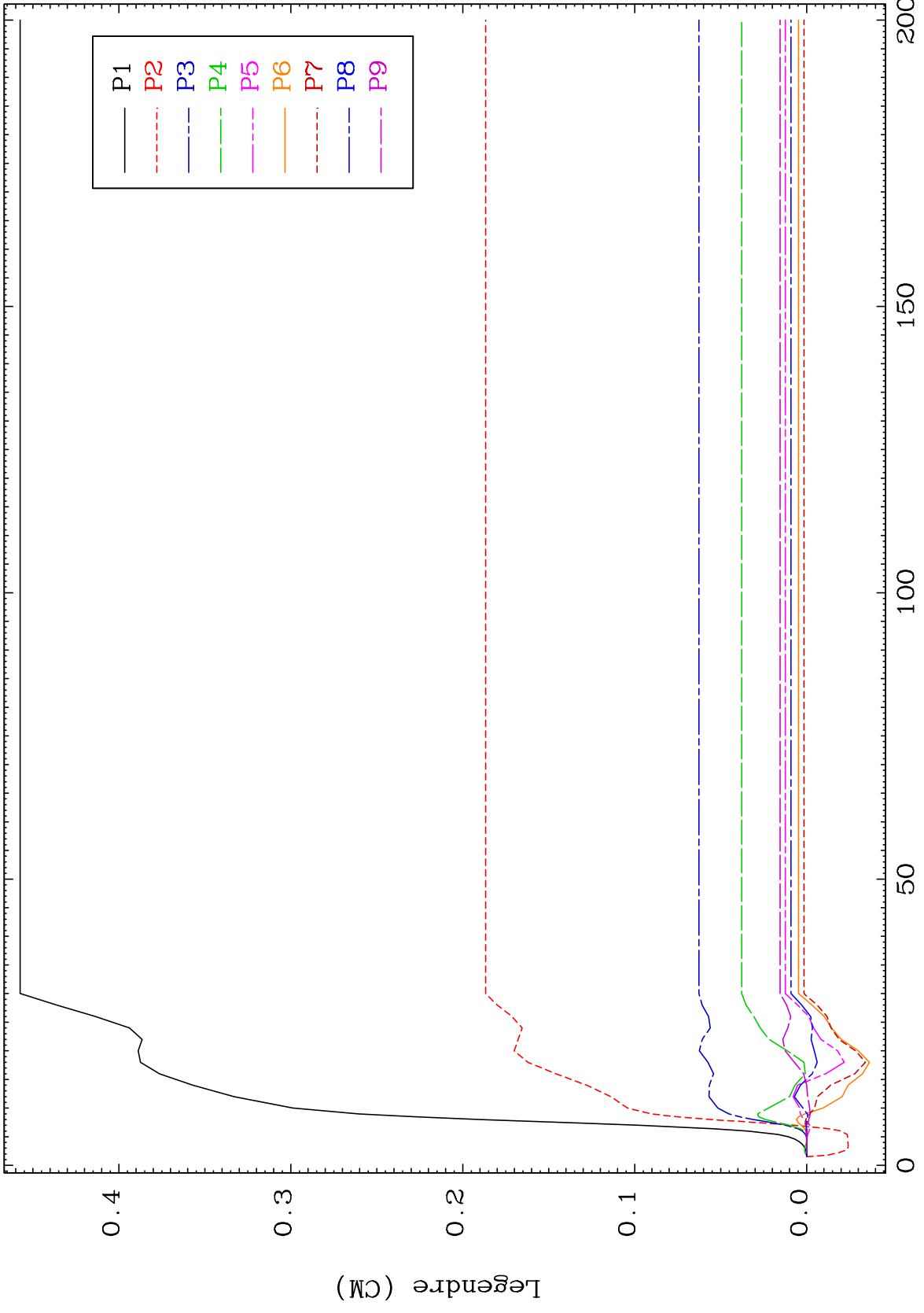


82

Incident Energy (MeV)

50-Sn-123

MAT 5058 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-123

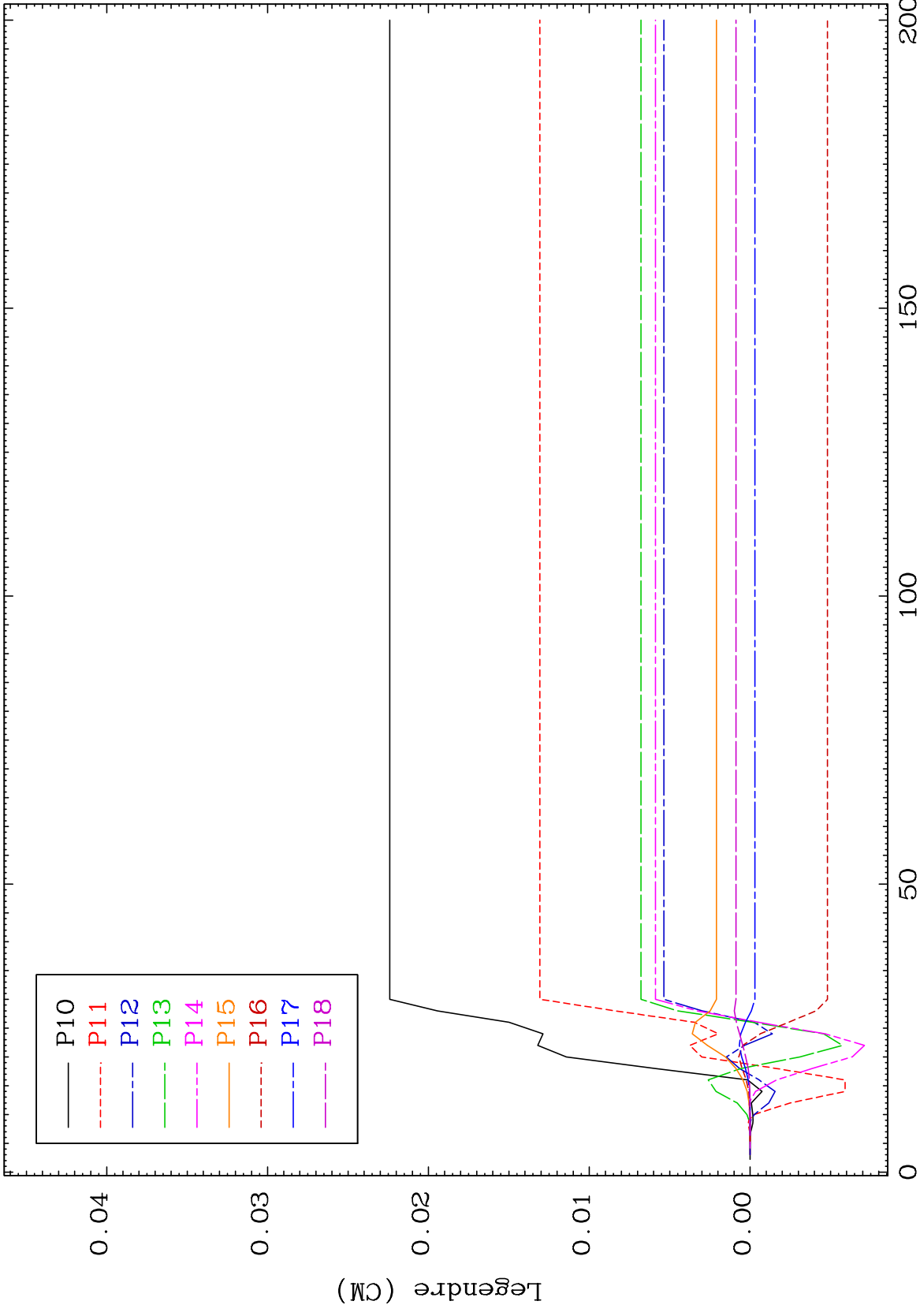


83 Incident Energy (MeV) 50-Sn-123

MAT 5058

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

50-Sn-123



84

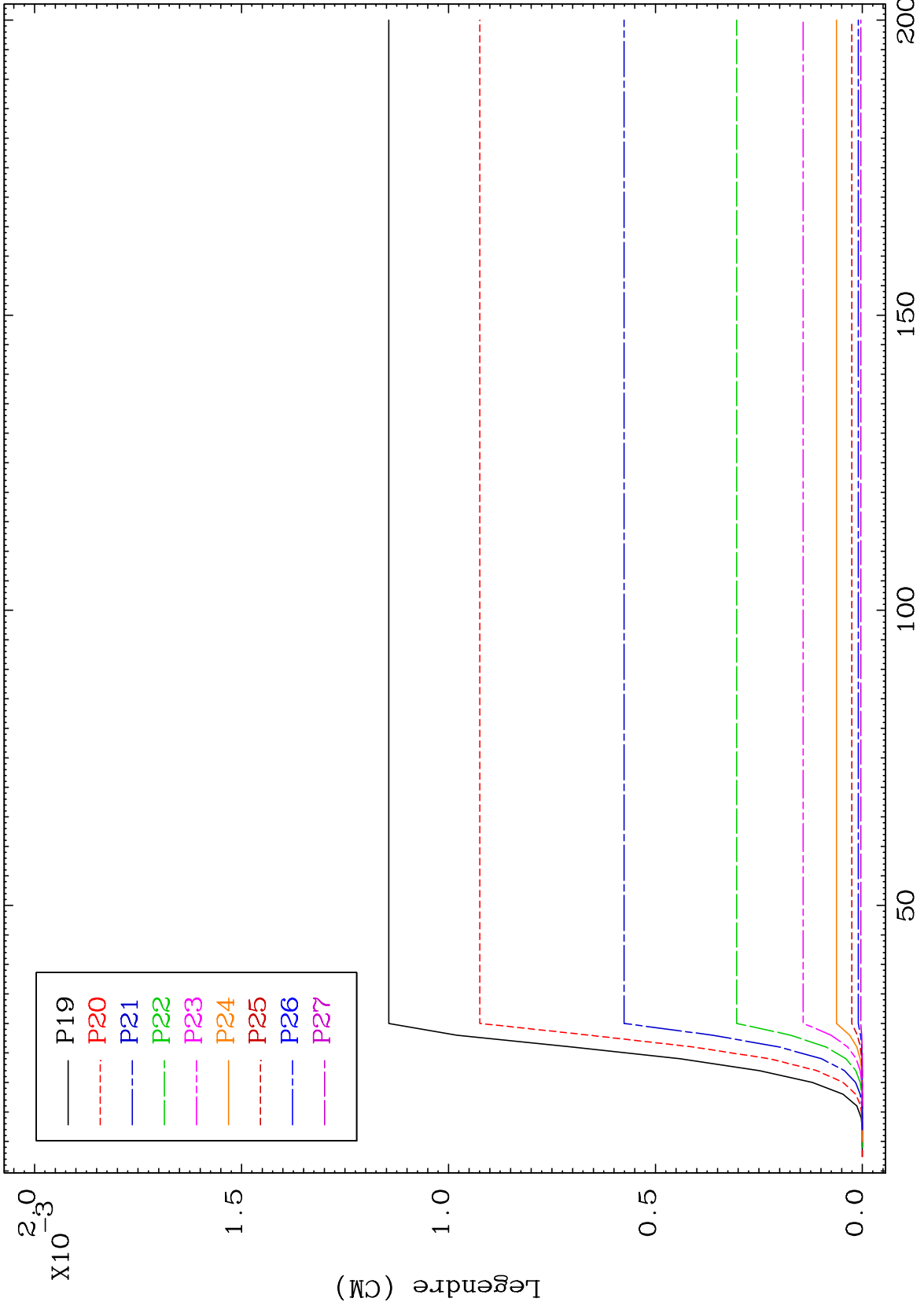
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



85

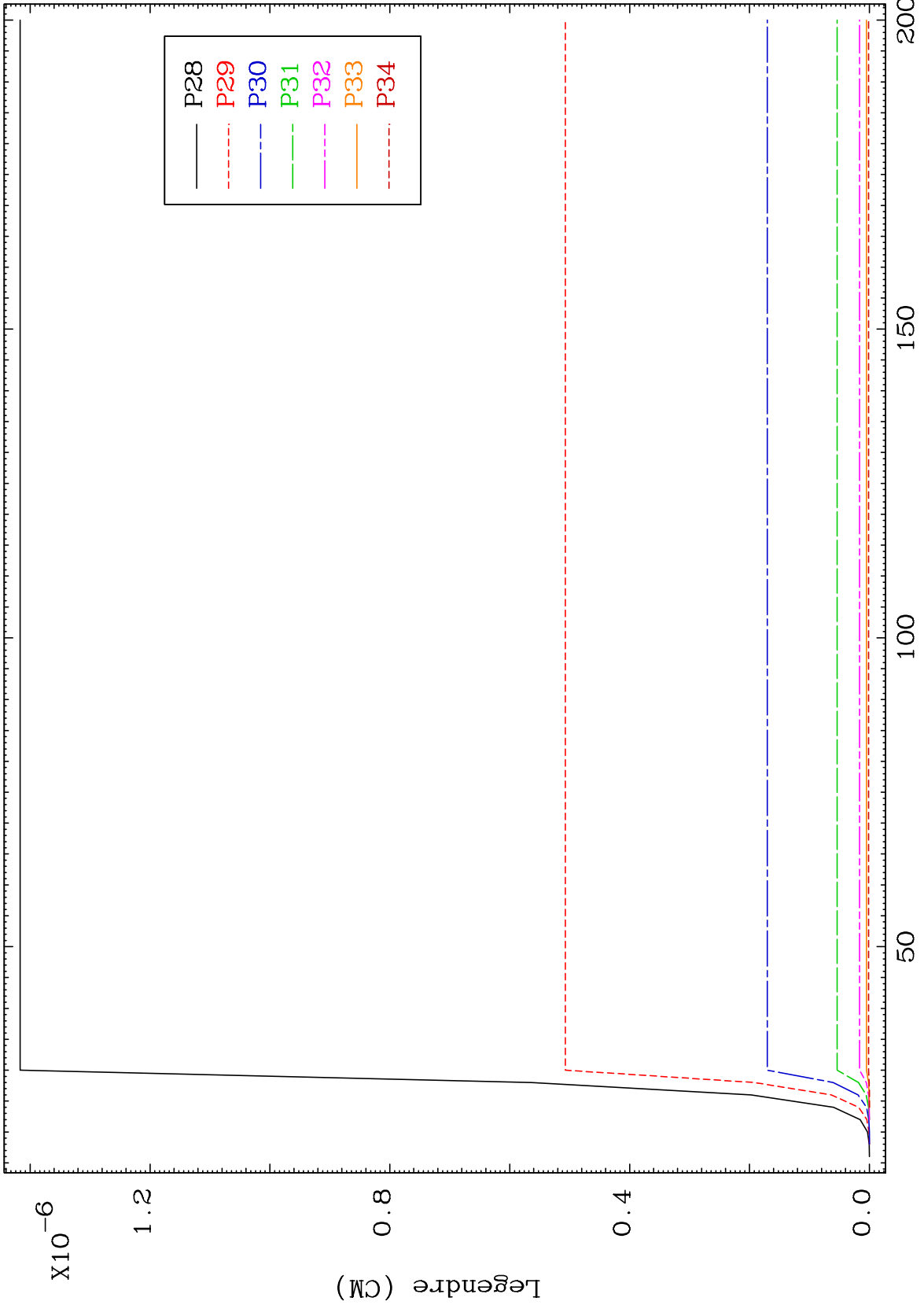
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



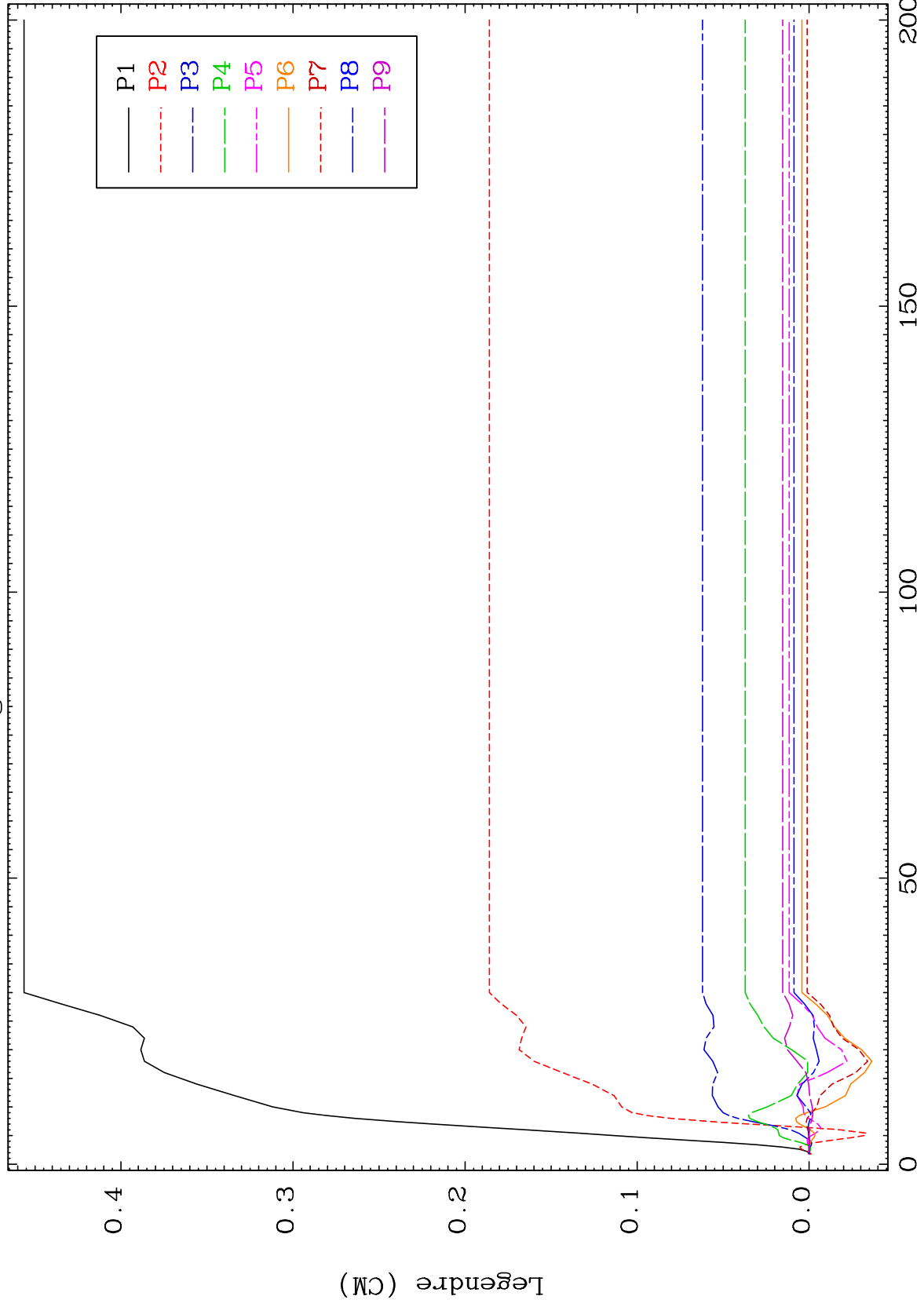
86

50-Sn-123

MAT 5058

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

50-Sn-123



87

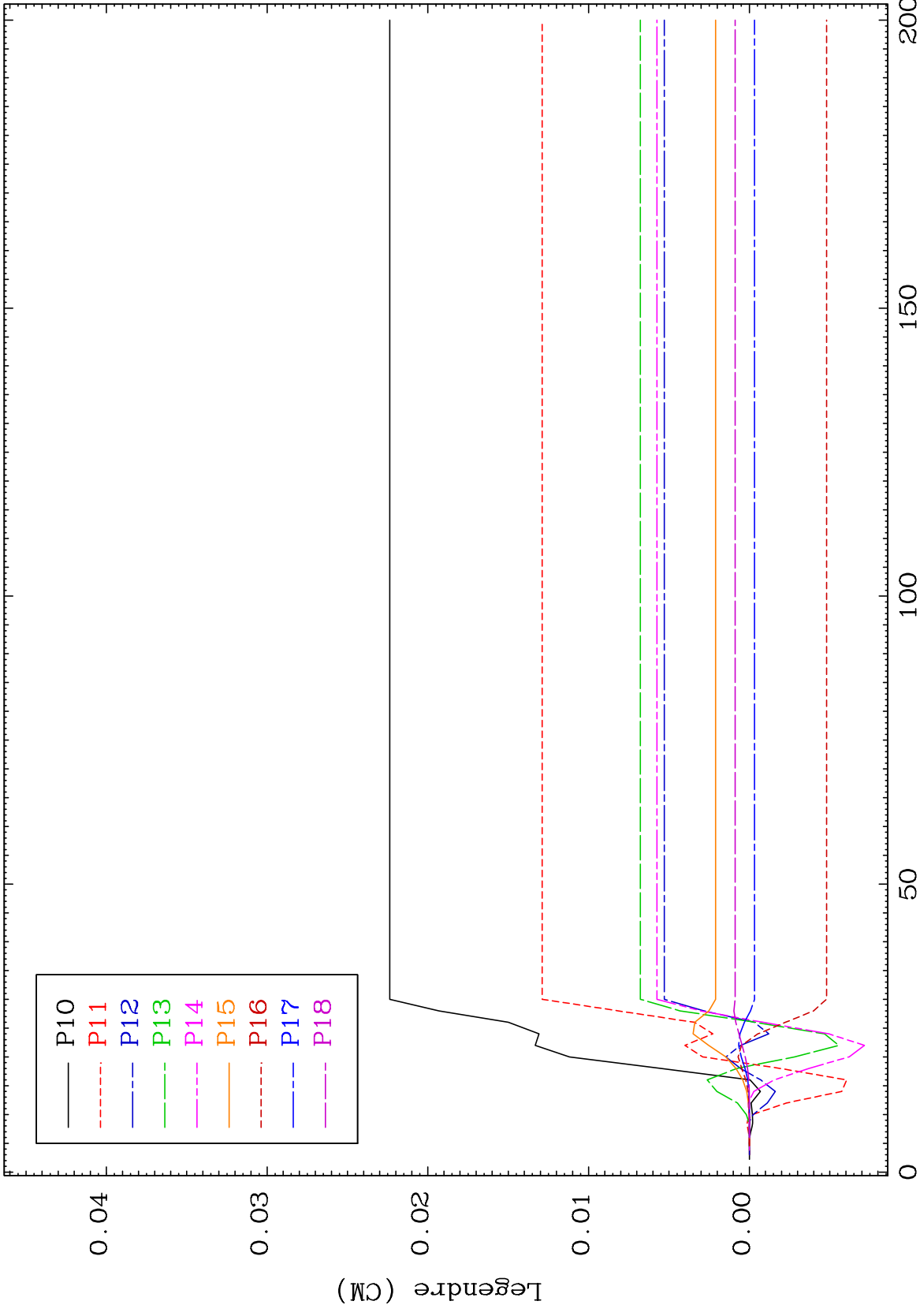
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



88

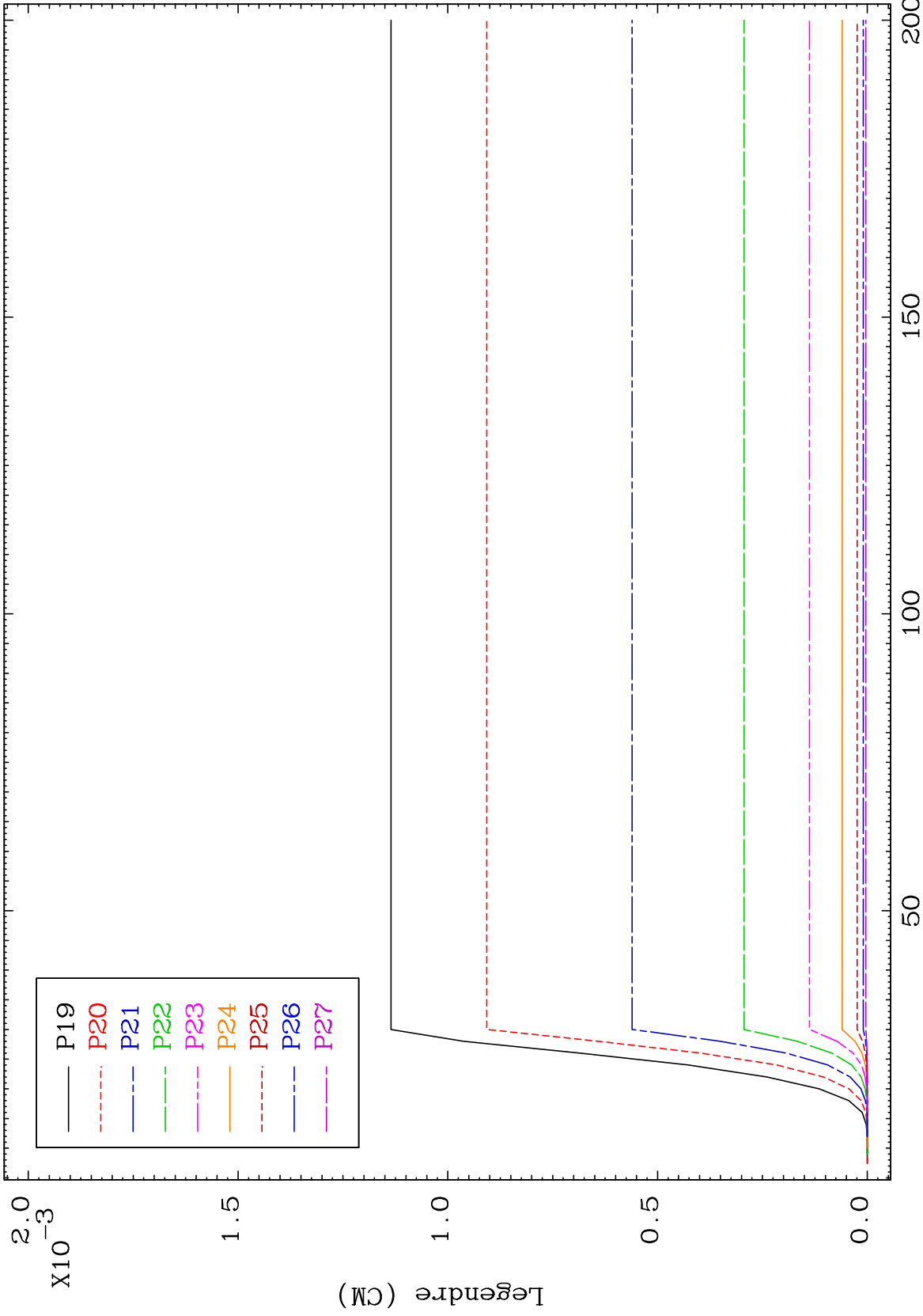
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



89

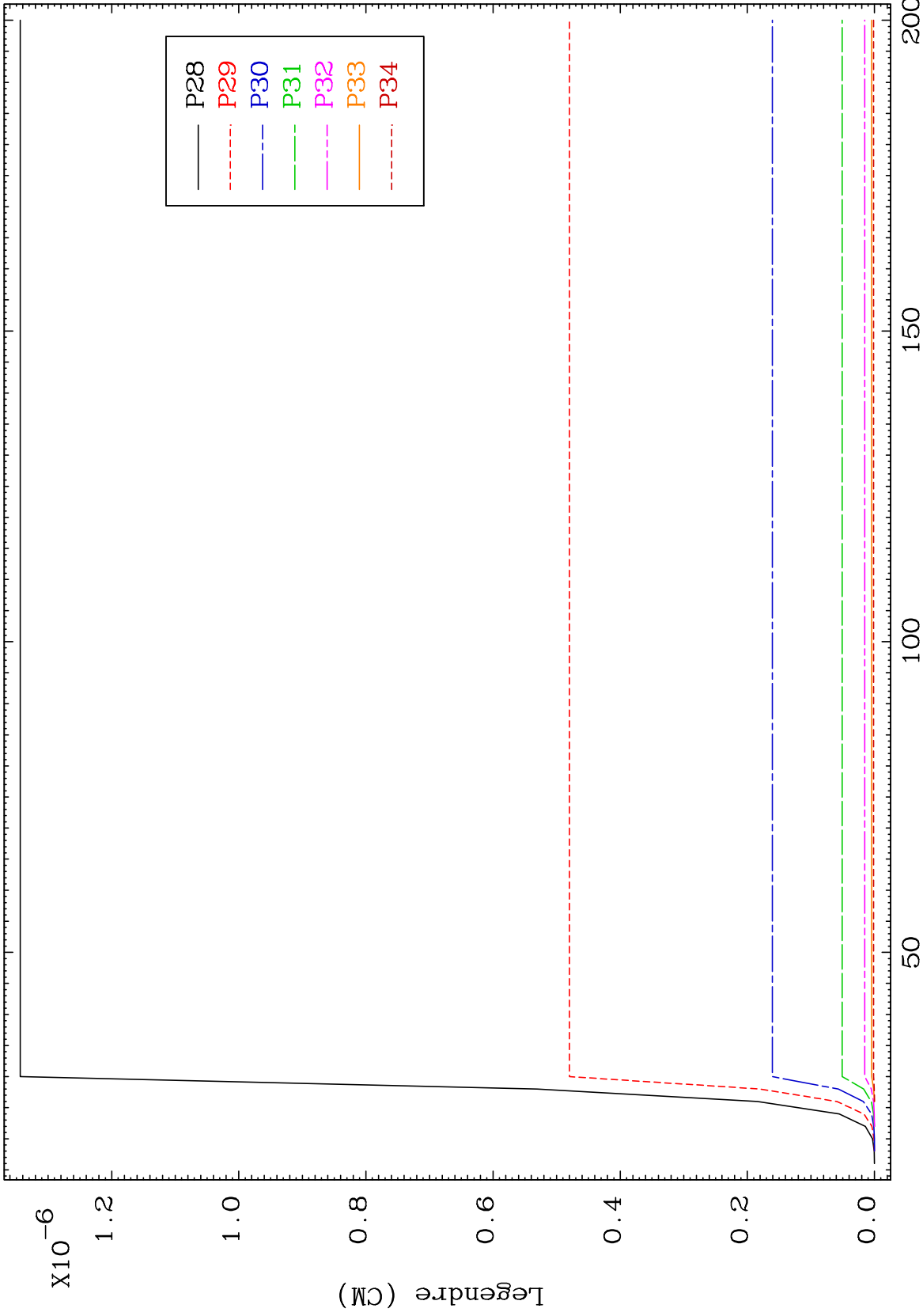
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



90

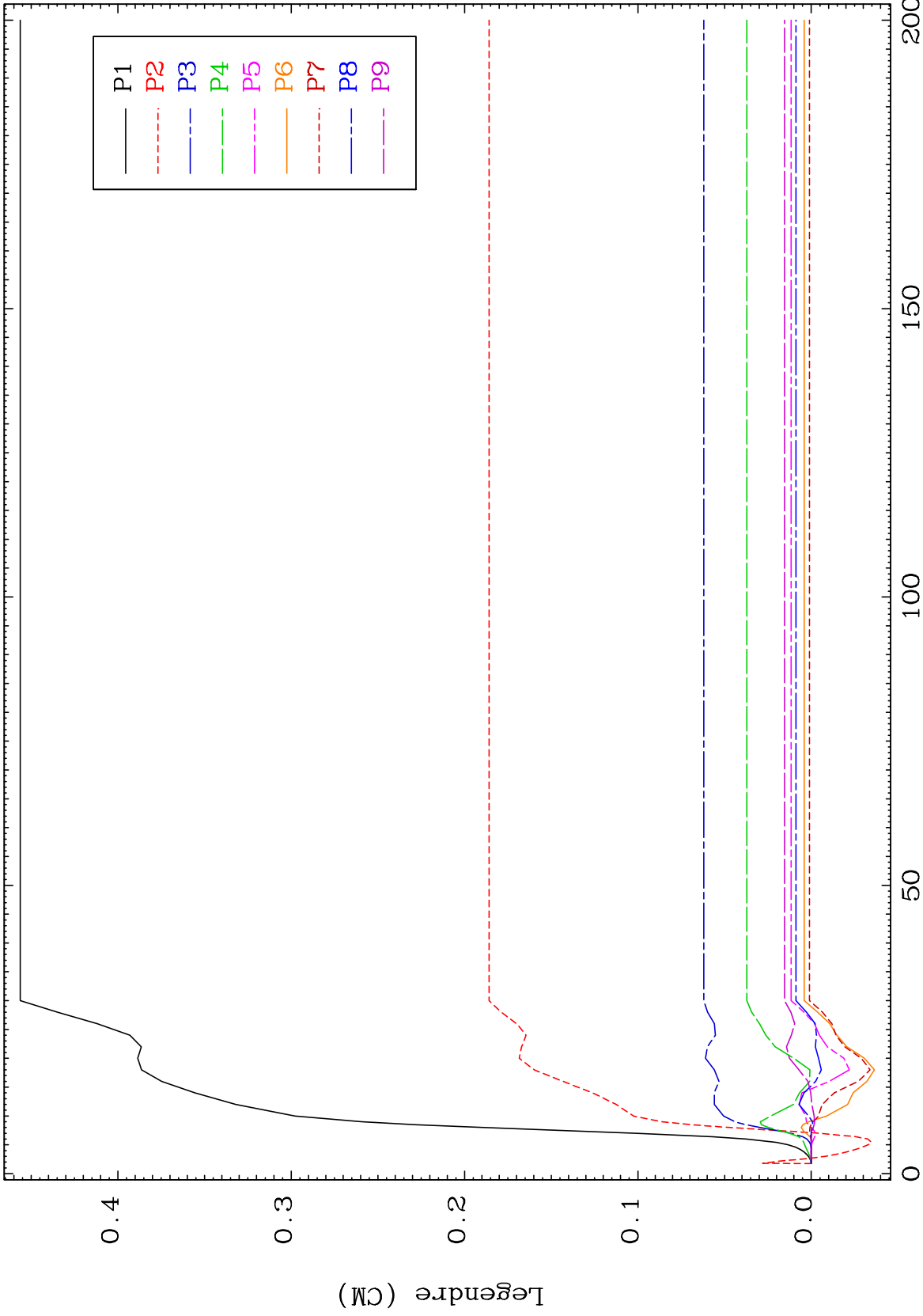
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



91

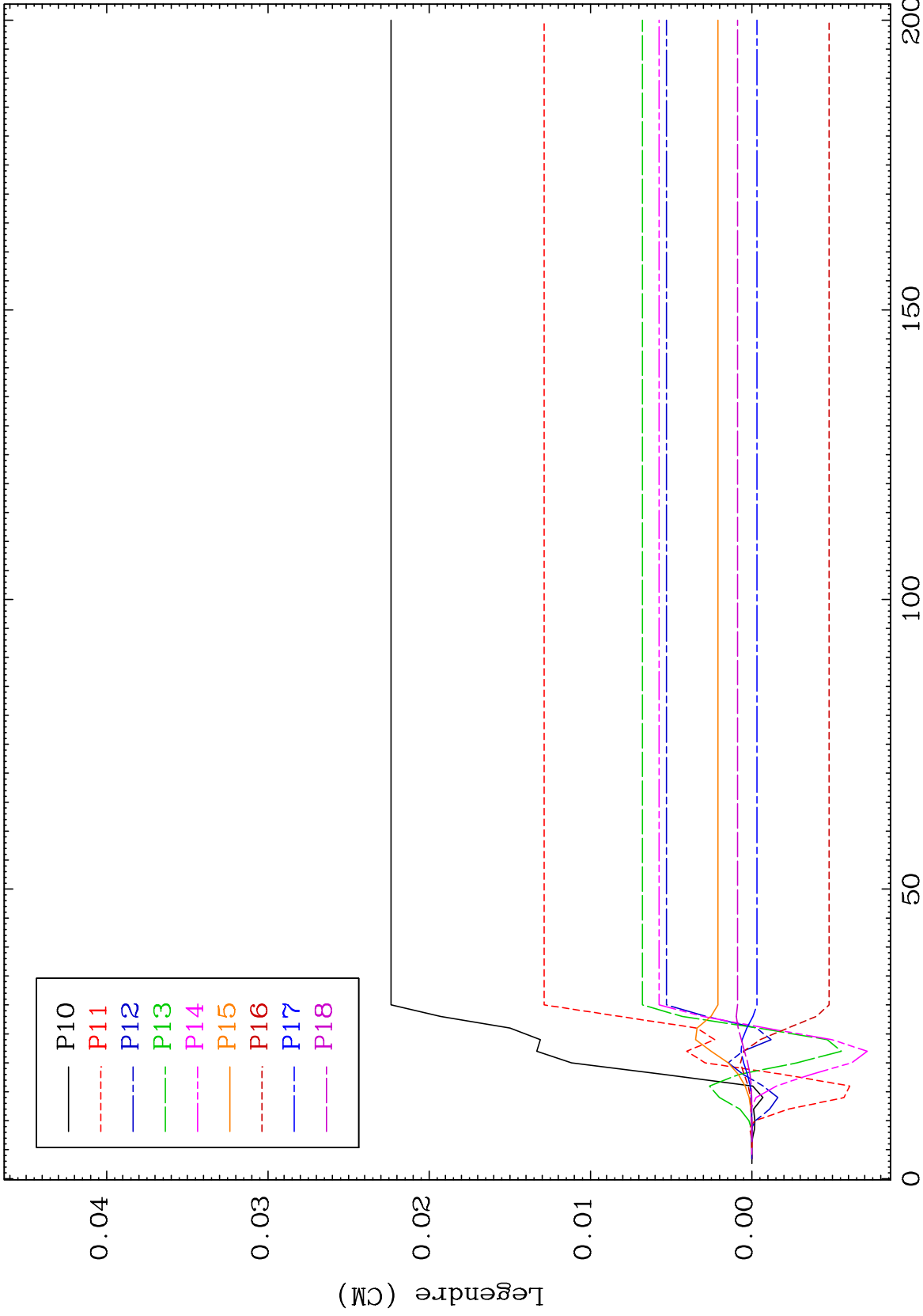
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



92

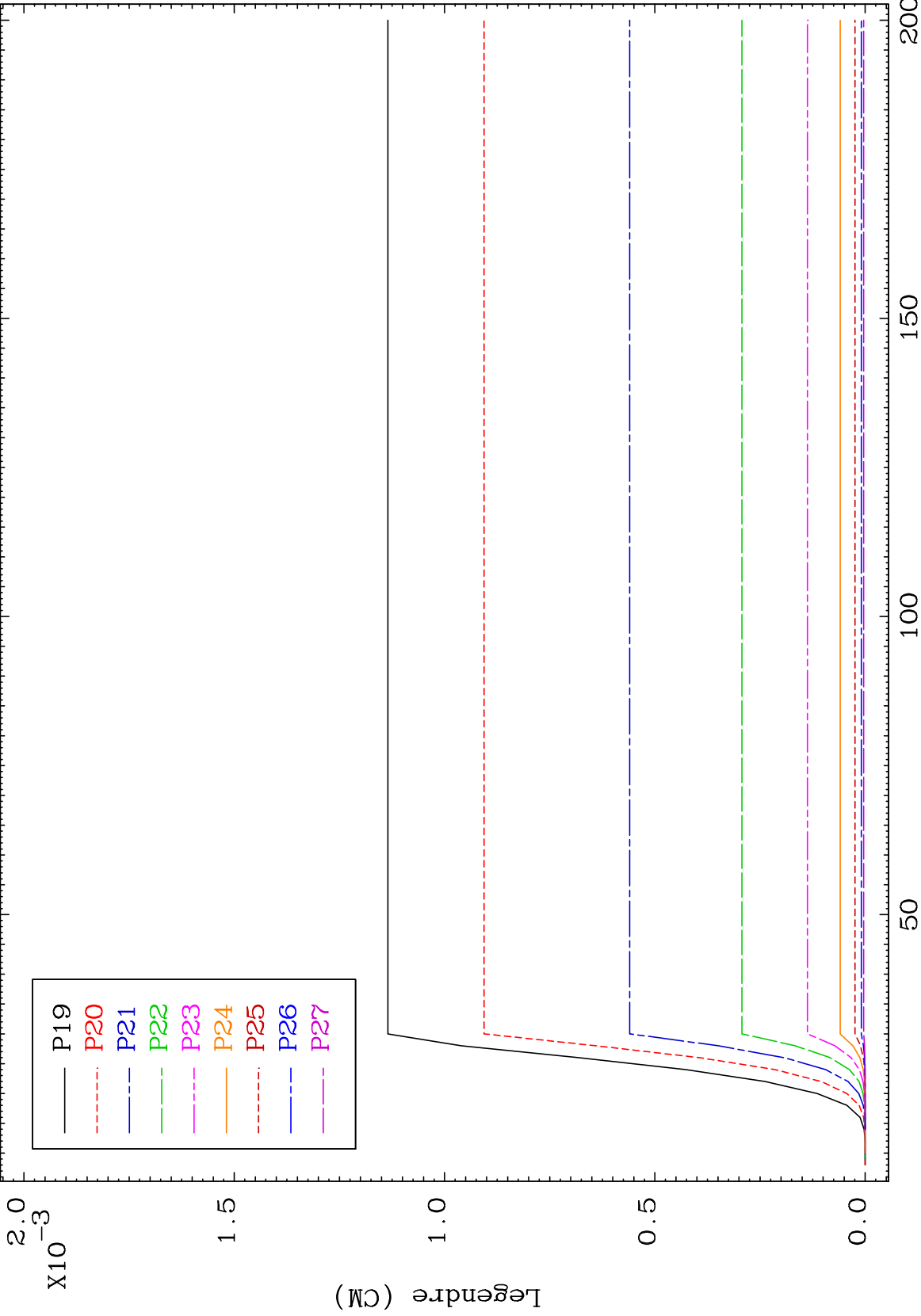
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



93

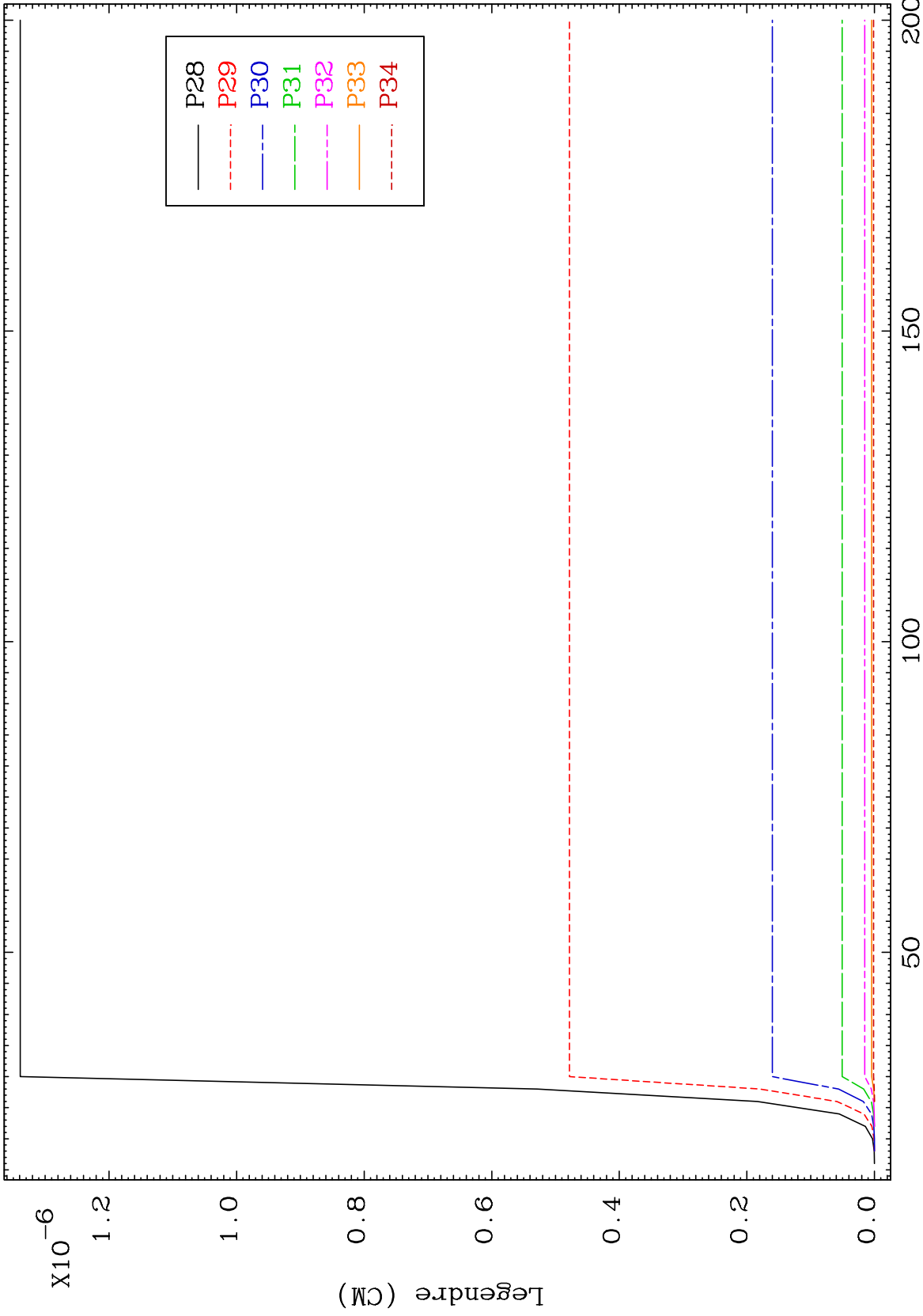
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123

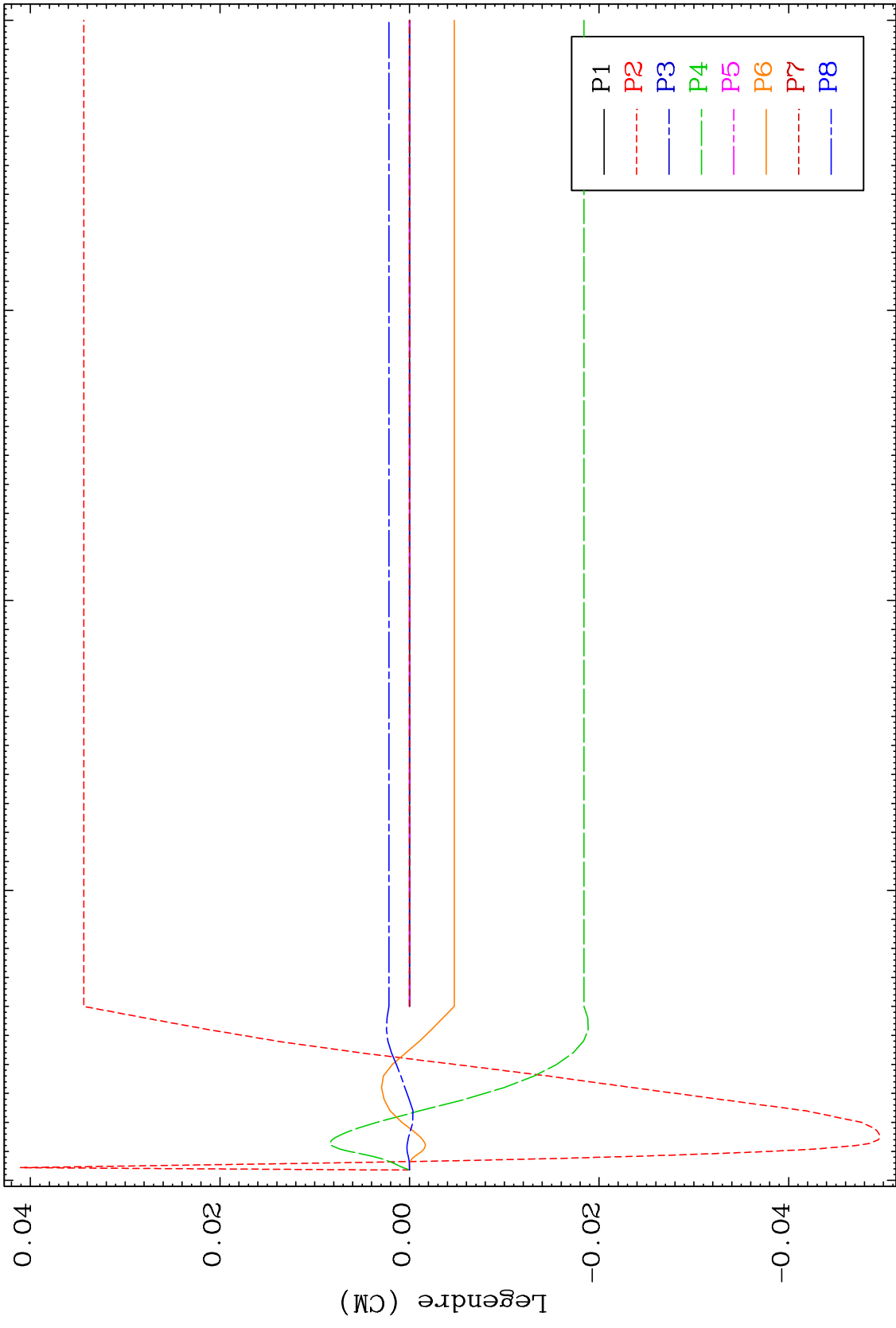


94

Incident Energy (MeV)

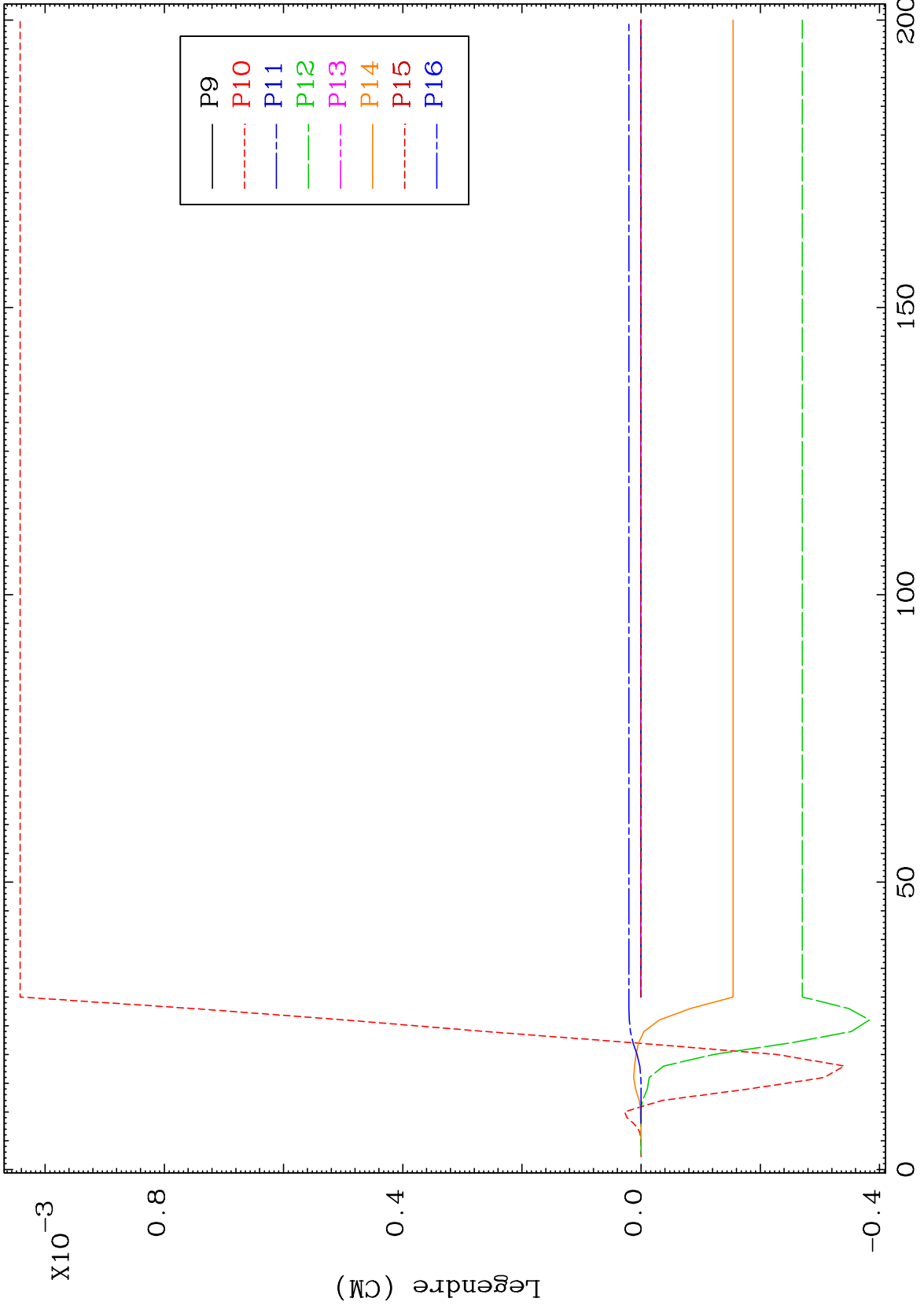
50-Sn-123

MAT 5058 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-123



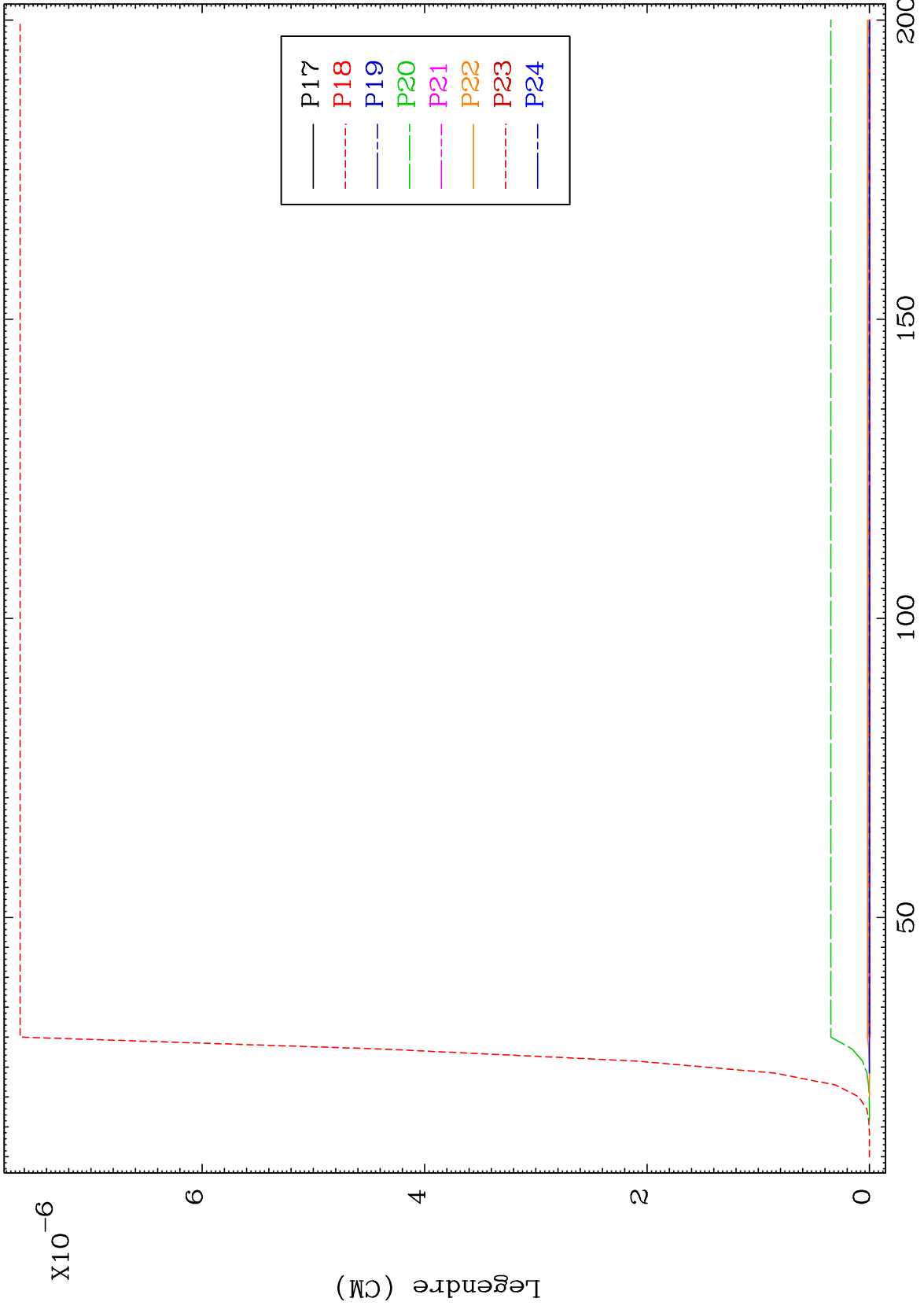
Legendre (CM) Incident Energy (MeV) 50-Sn-123

MAT 5058 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-123



96 50-Sn-123

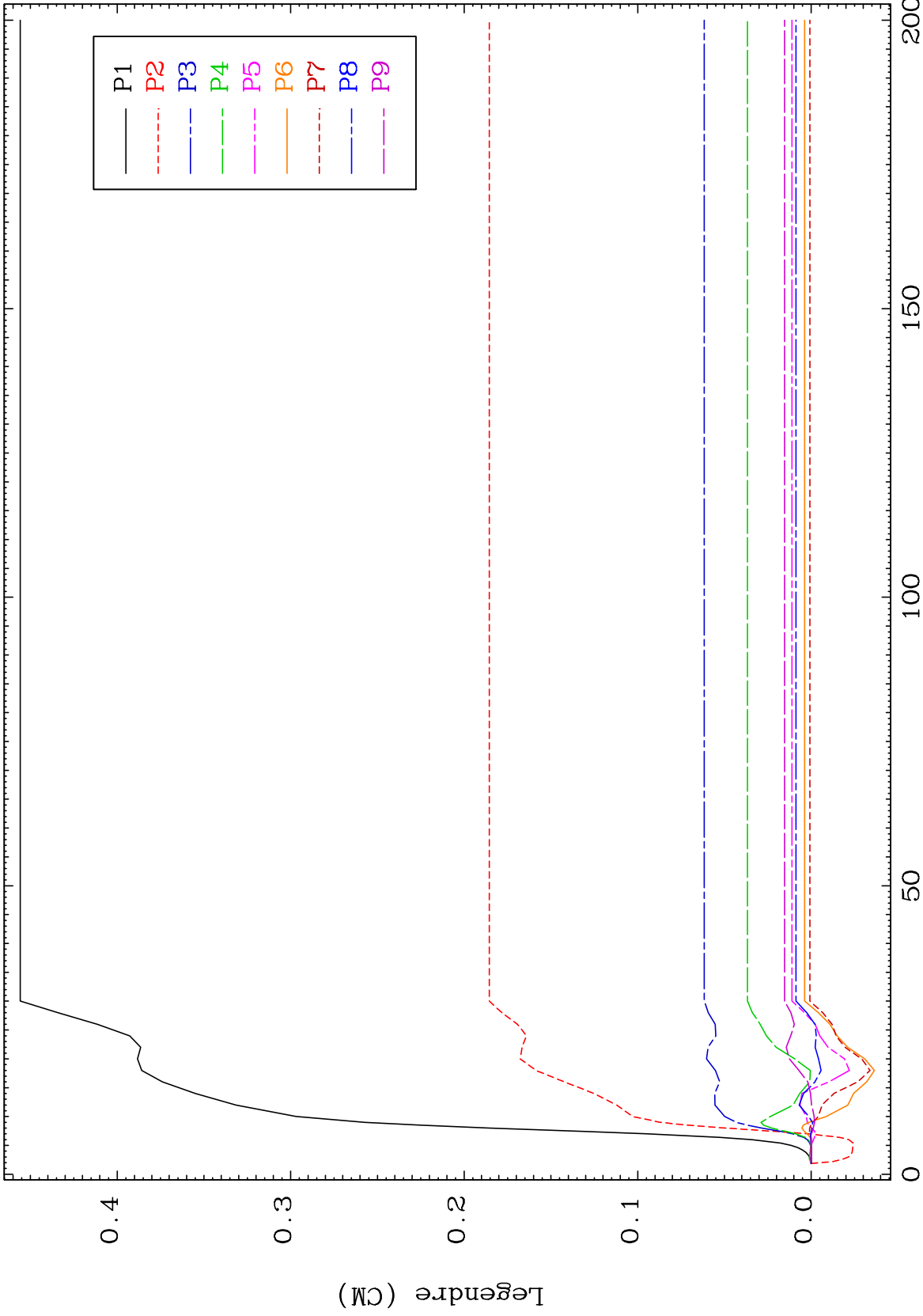
MAT 5058 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-123



MAT 5058

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

50-Sn-123



98

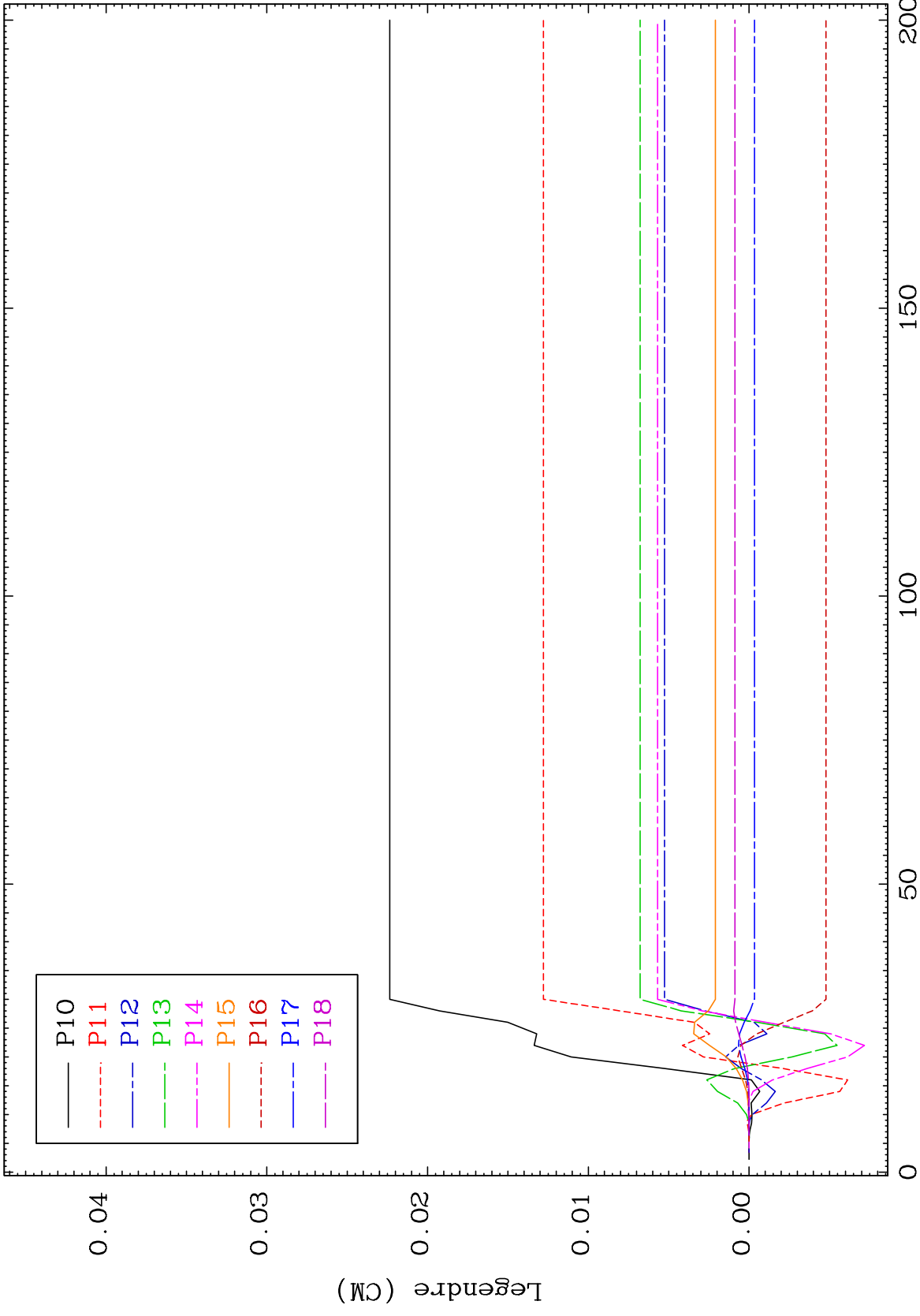
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



99

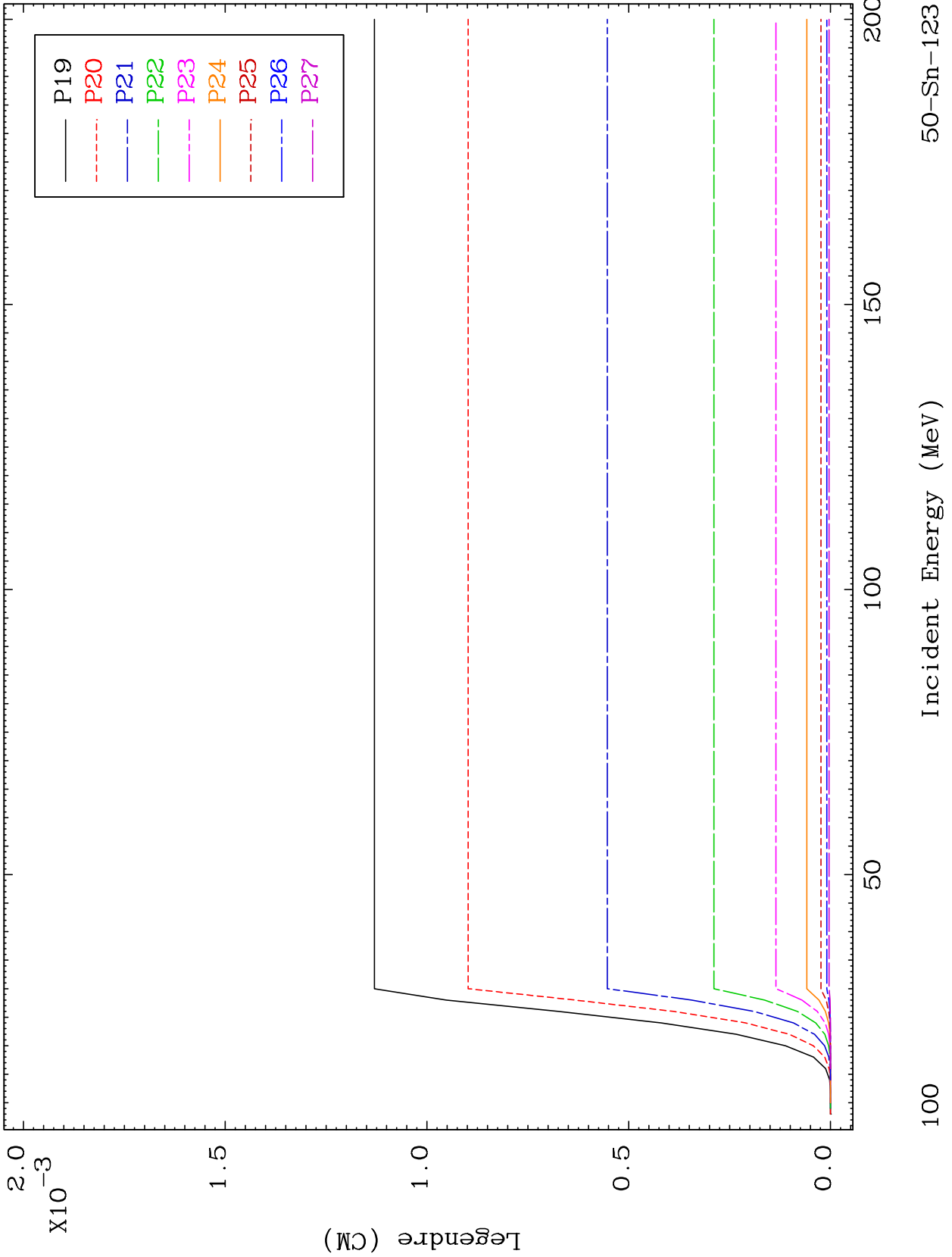
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

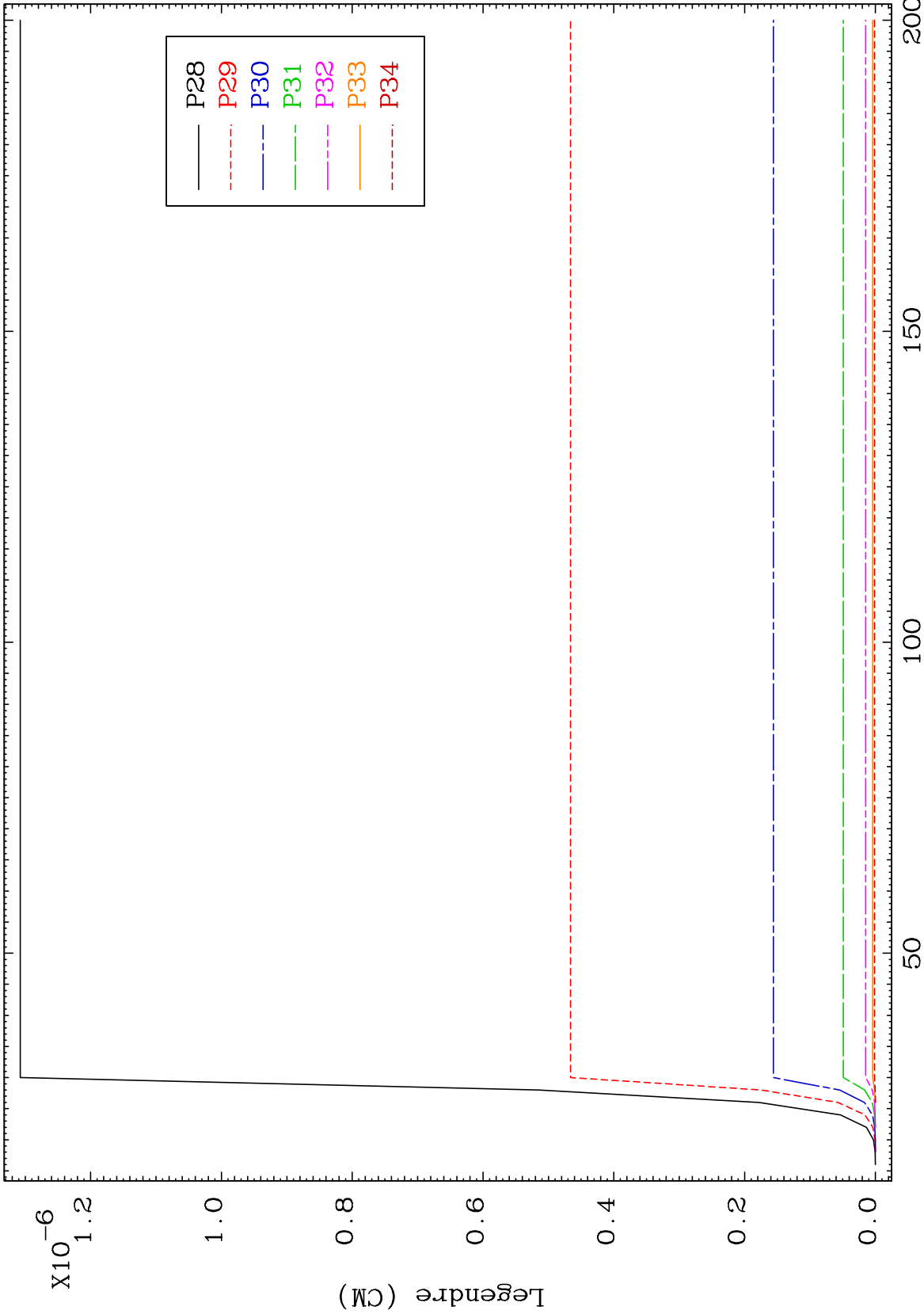
50-Sn-123



MAT 5058

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

50-Sn-123



101

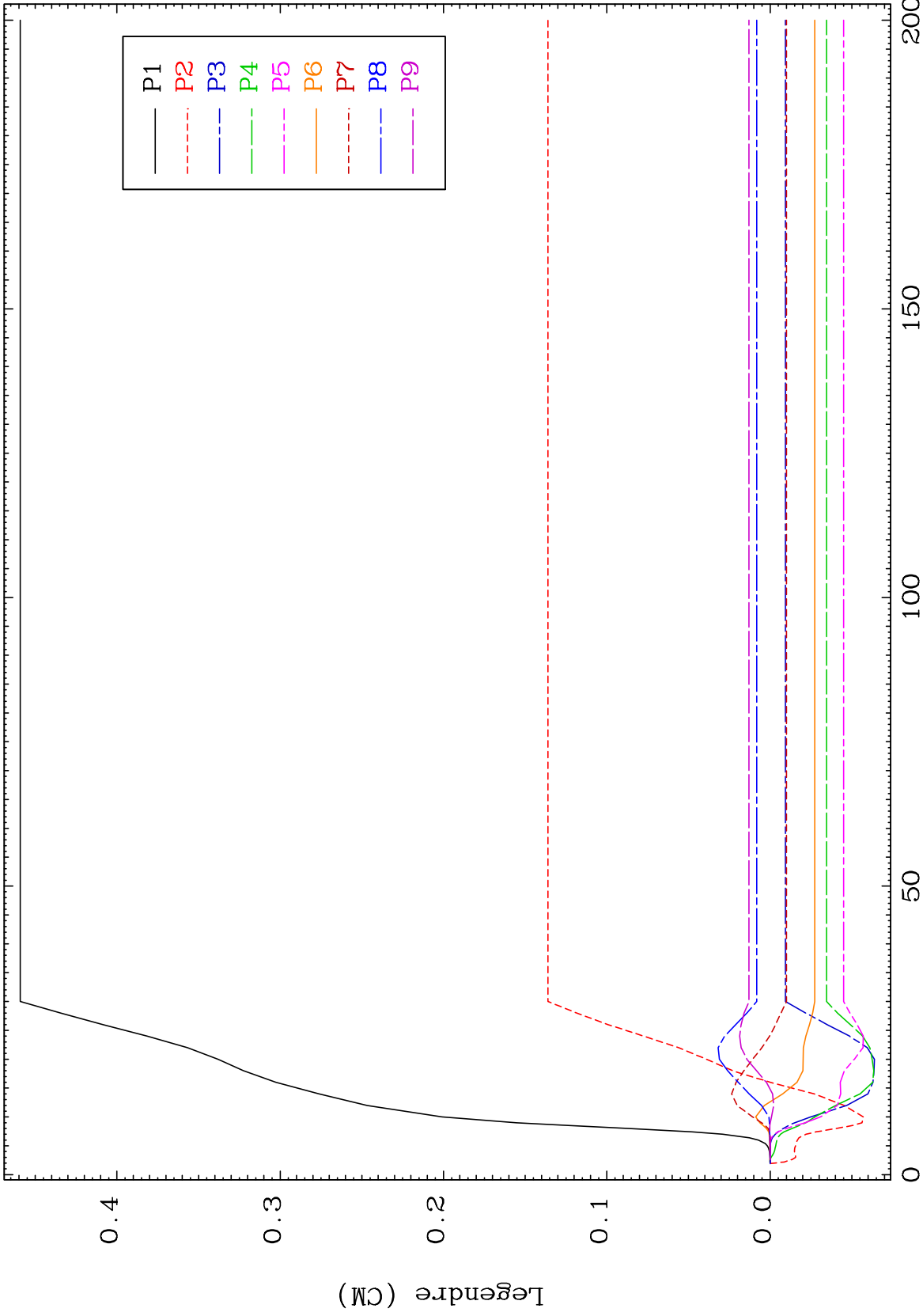
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



102

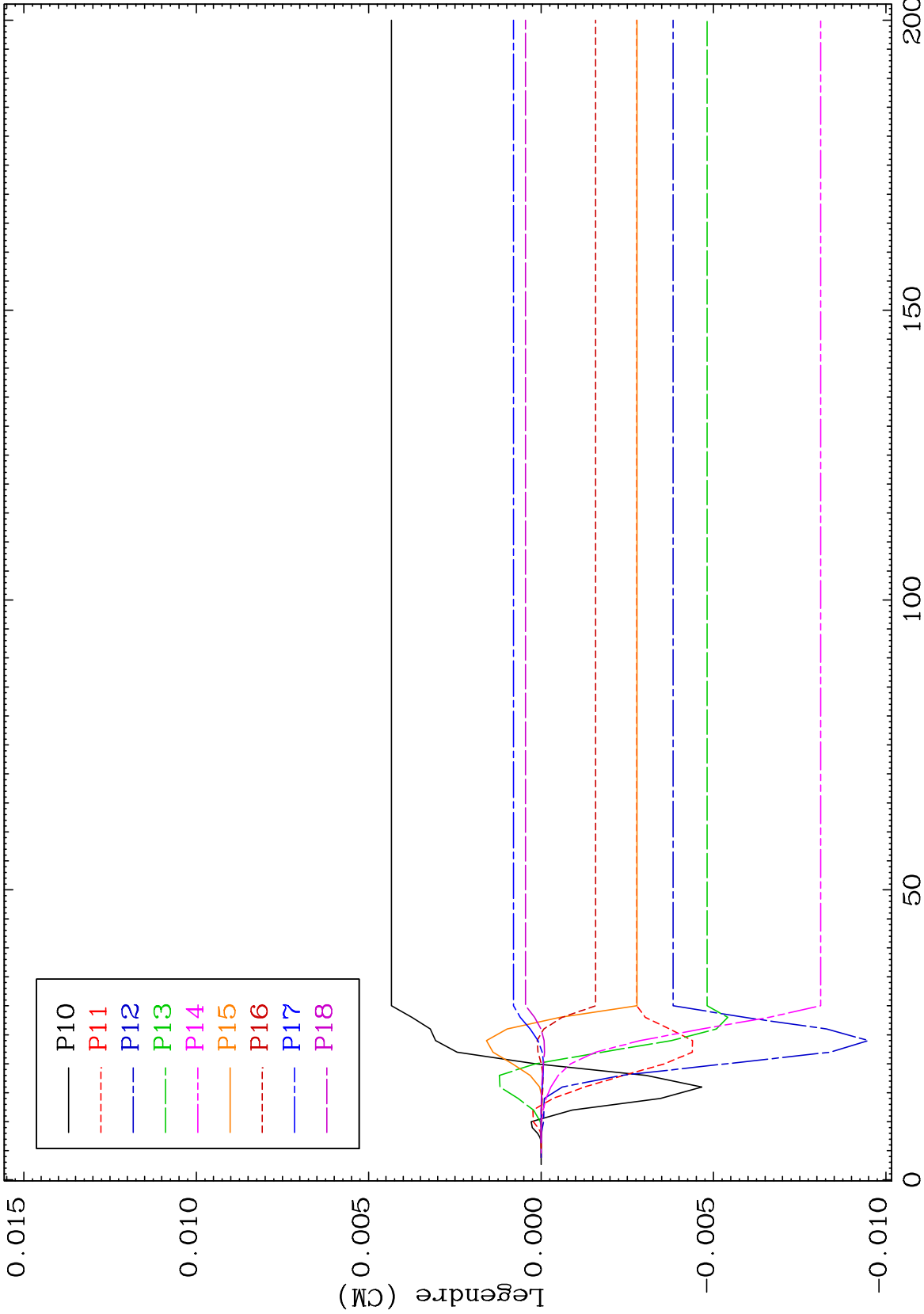
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



103

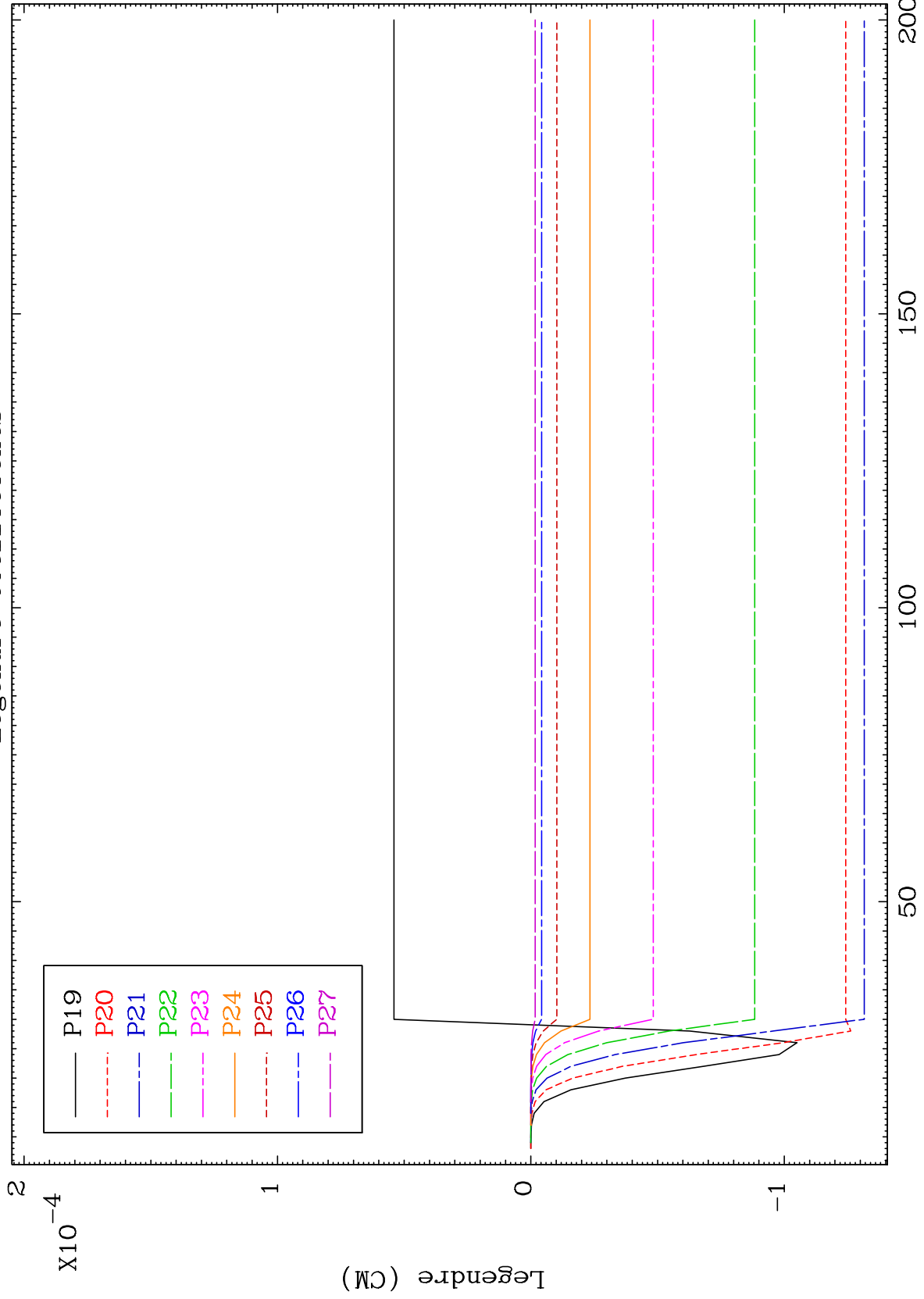
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

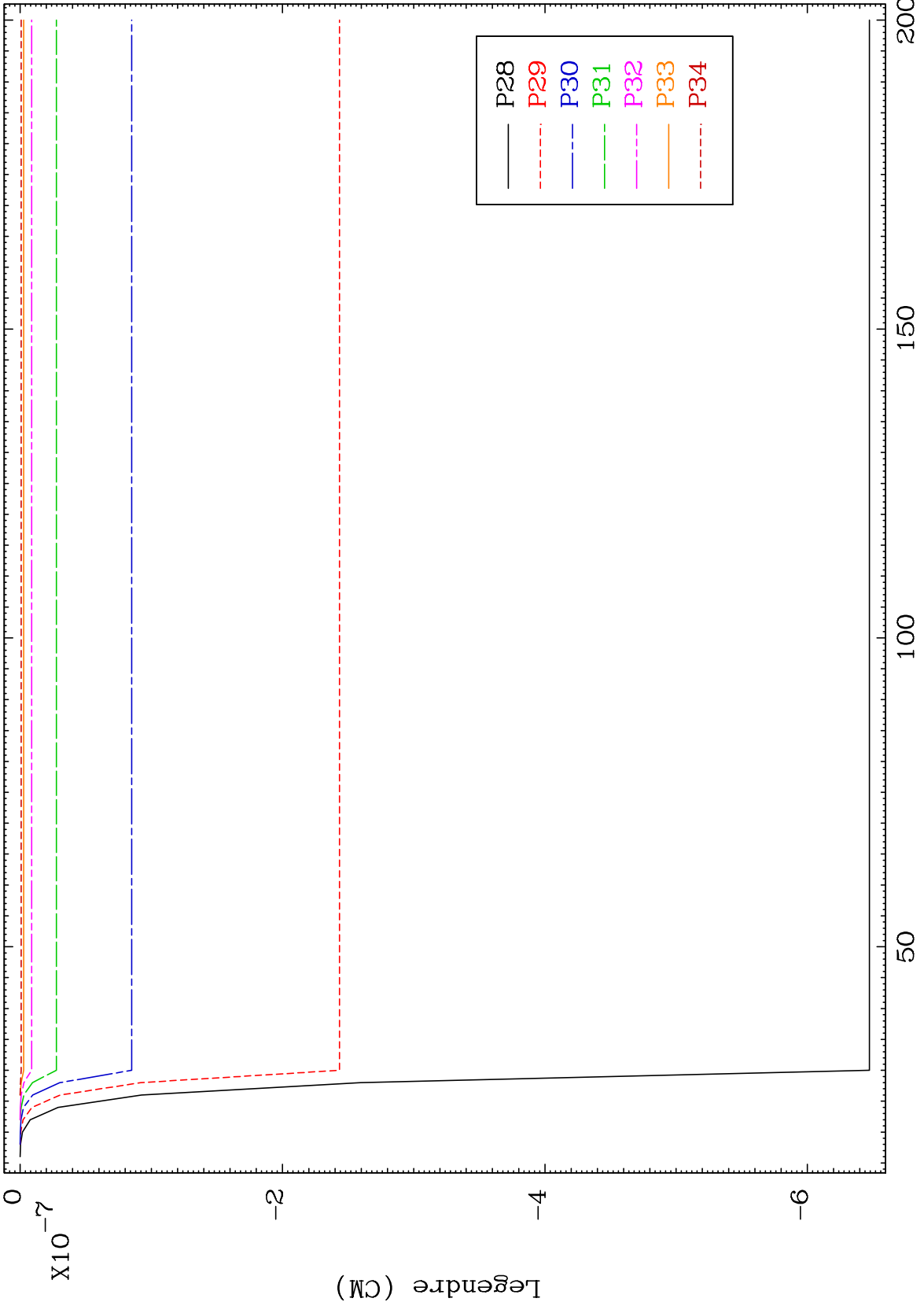
50-Sn-123



104

50-Sn-123

MAT 5058 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-123

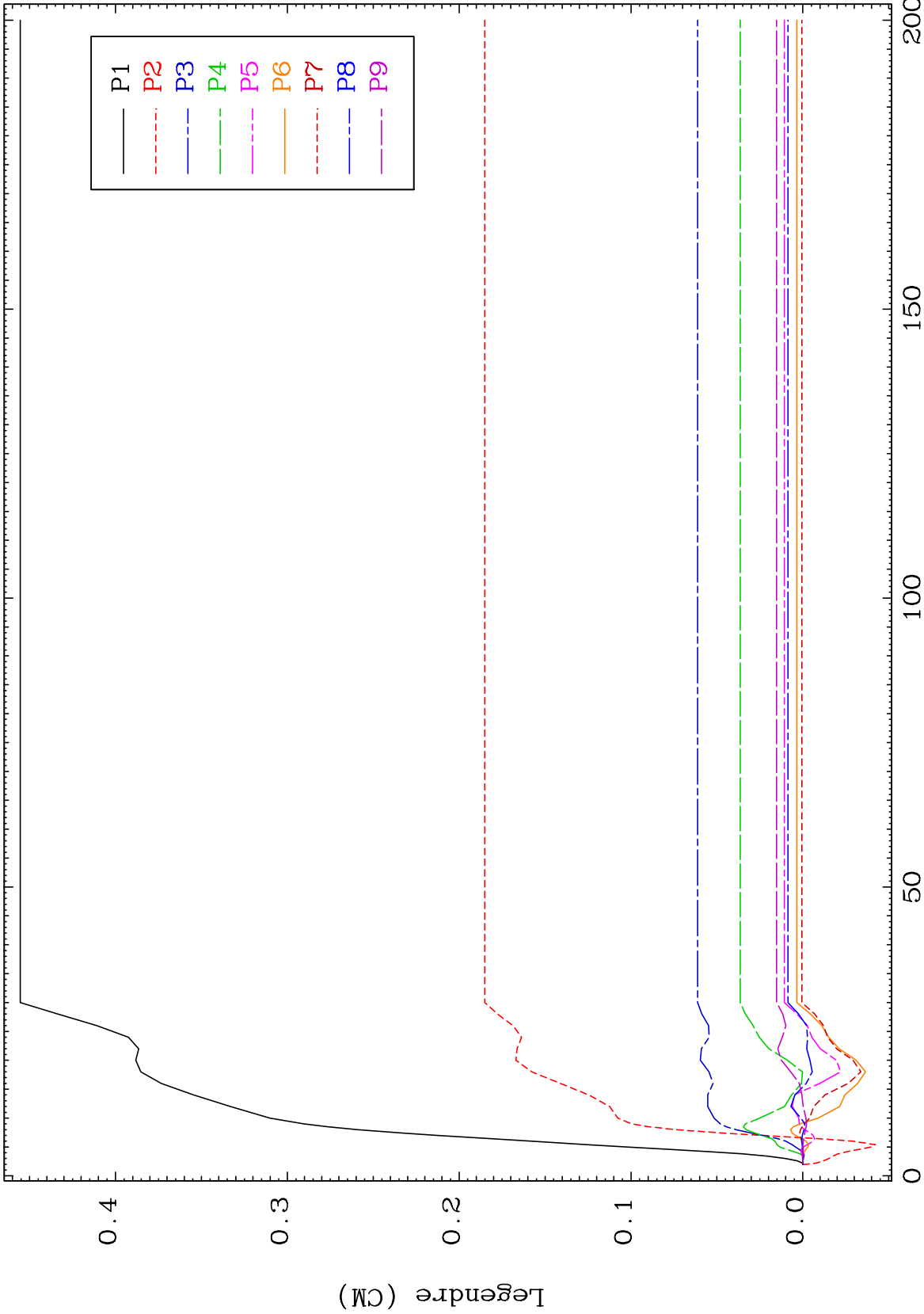


Legendre (CM) Incident Energy (MeV) 50-Sn-123

MAT 5058

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

50-Sn-123



106

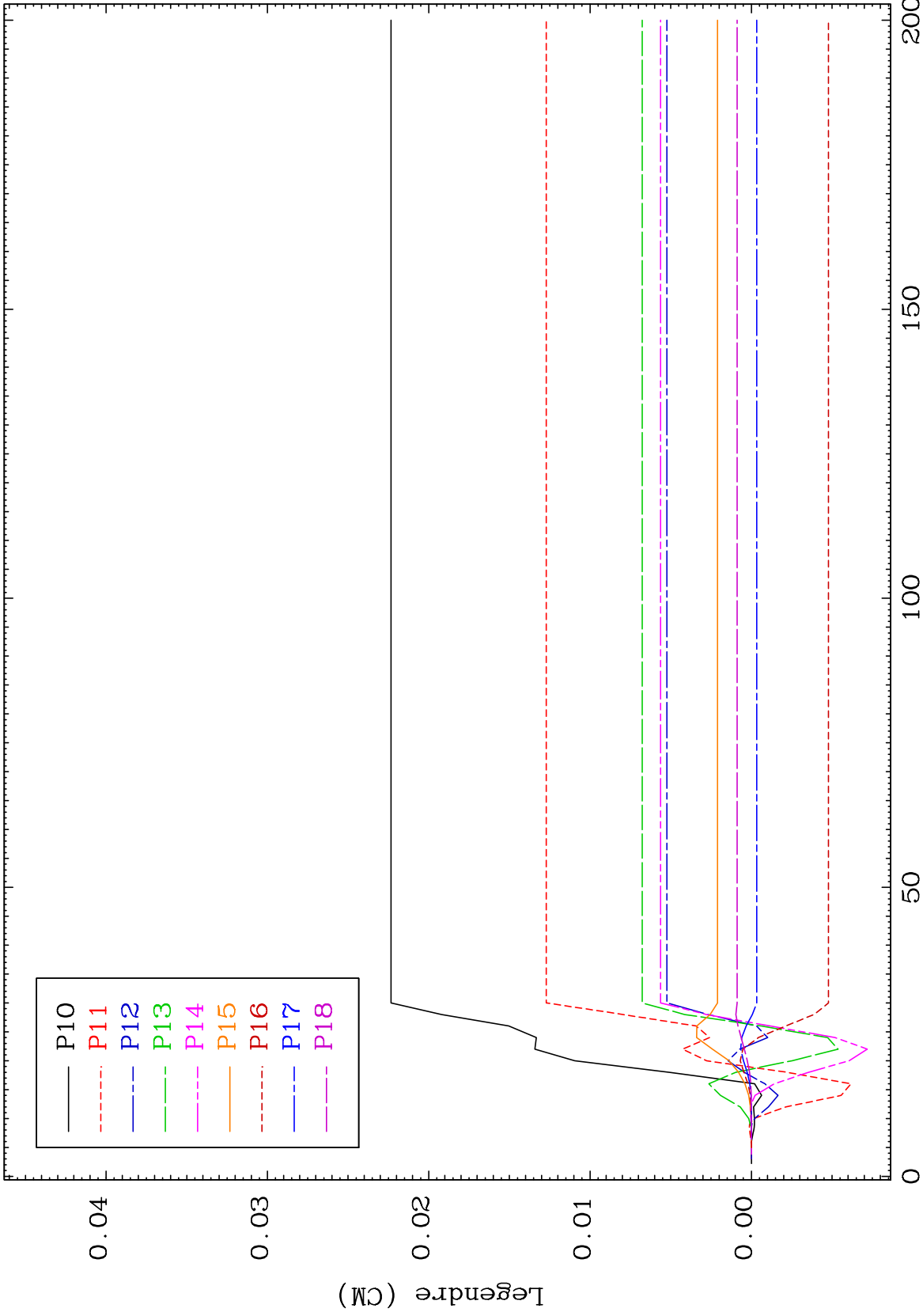
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



107

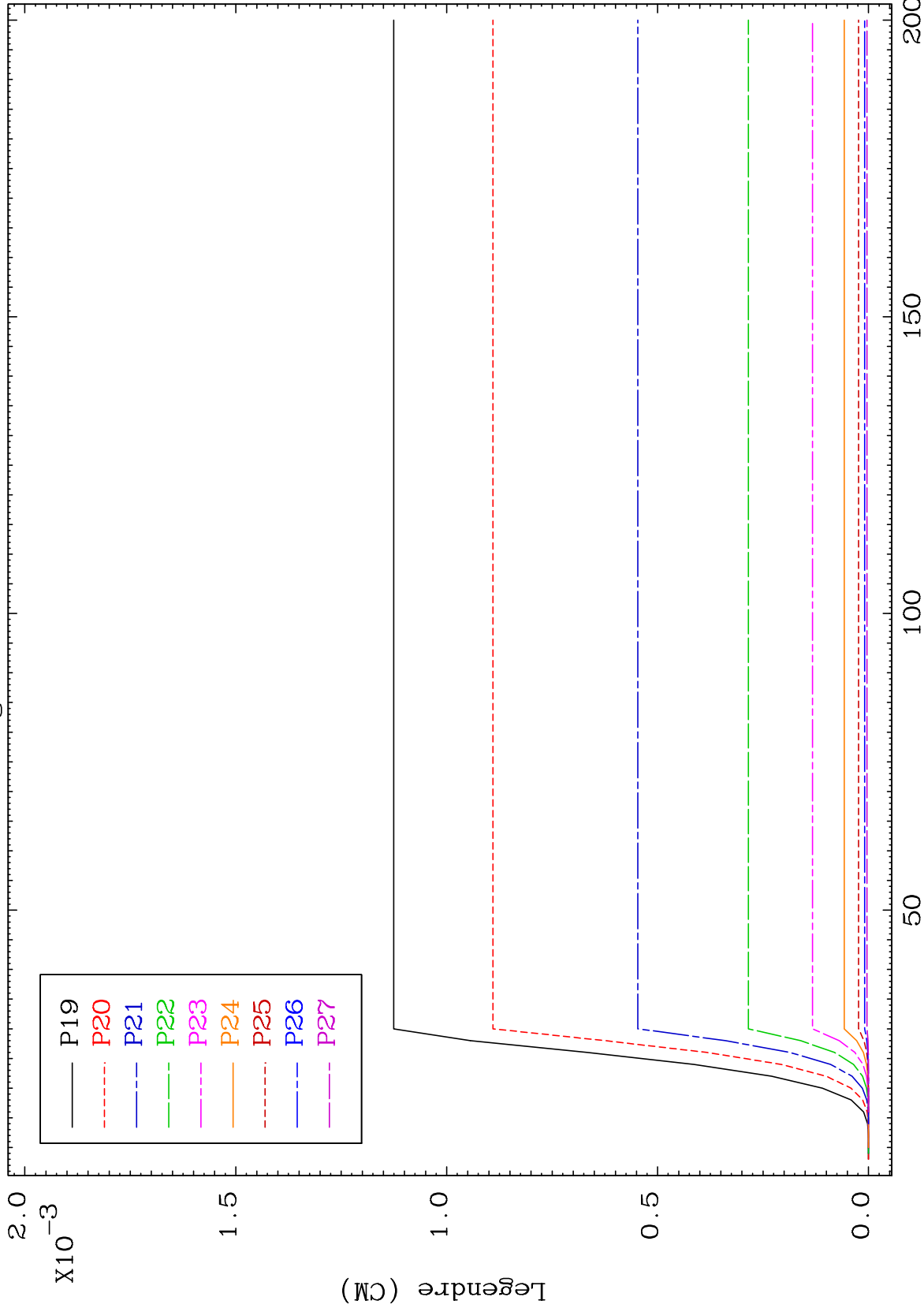
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



108

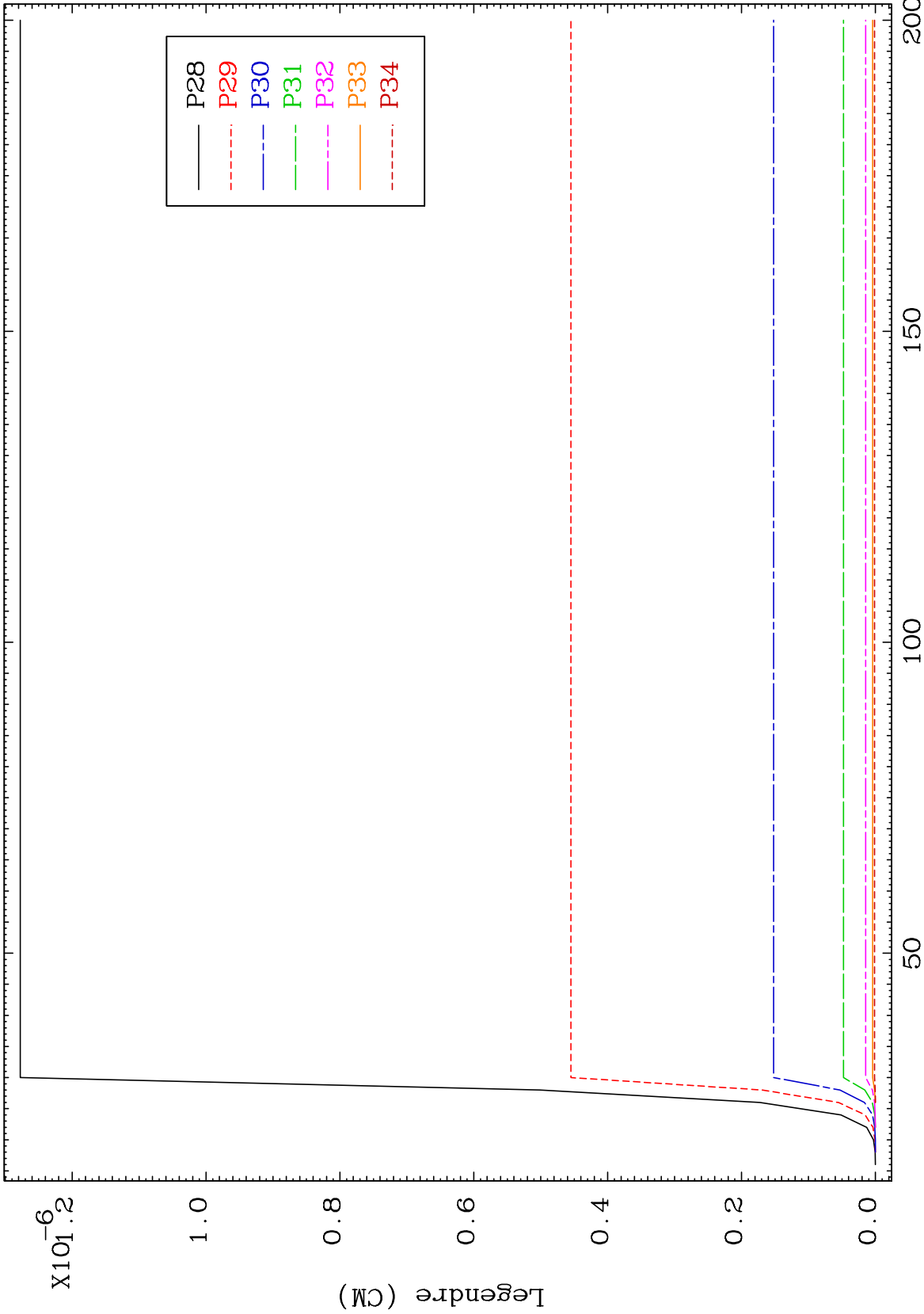
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123

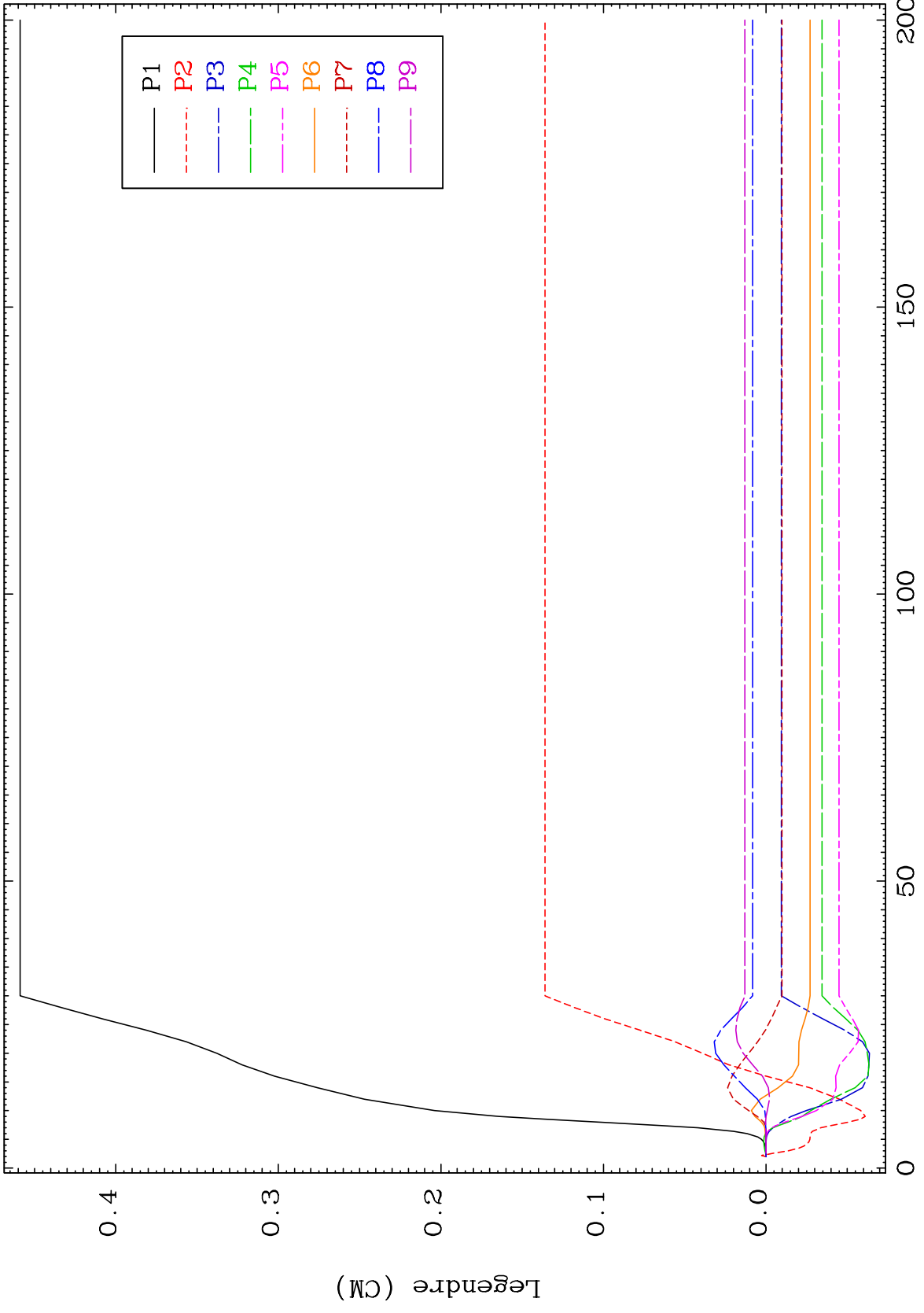


109

Incident Energy (MeV)

50-Sn-123

MAT 5058 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-123

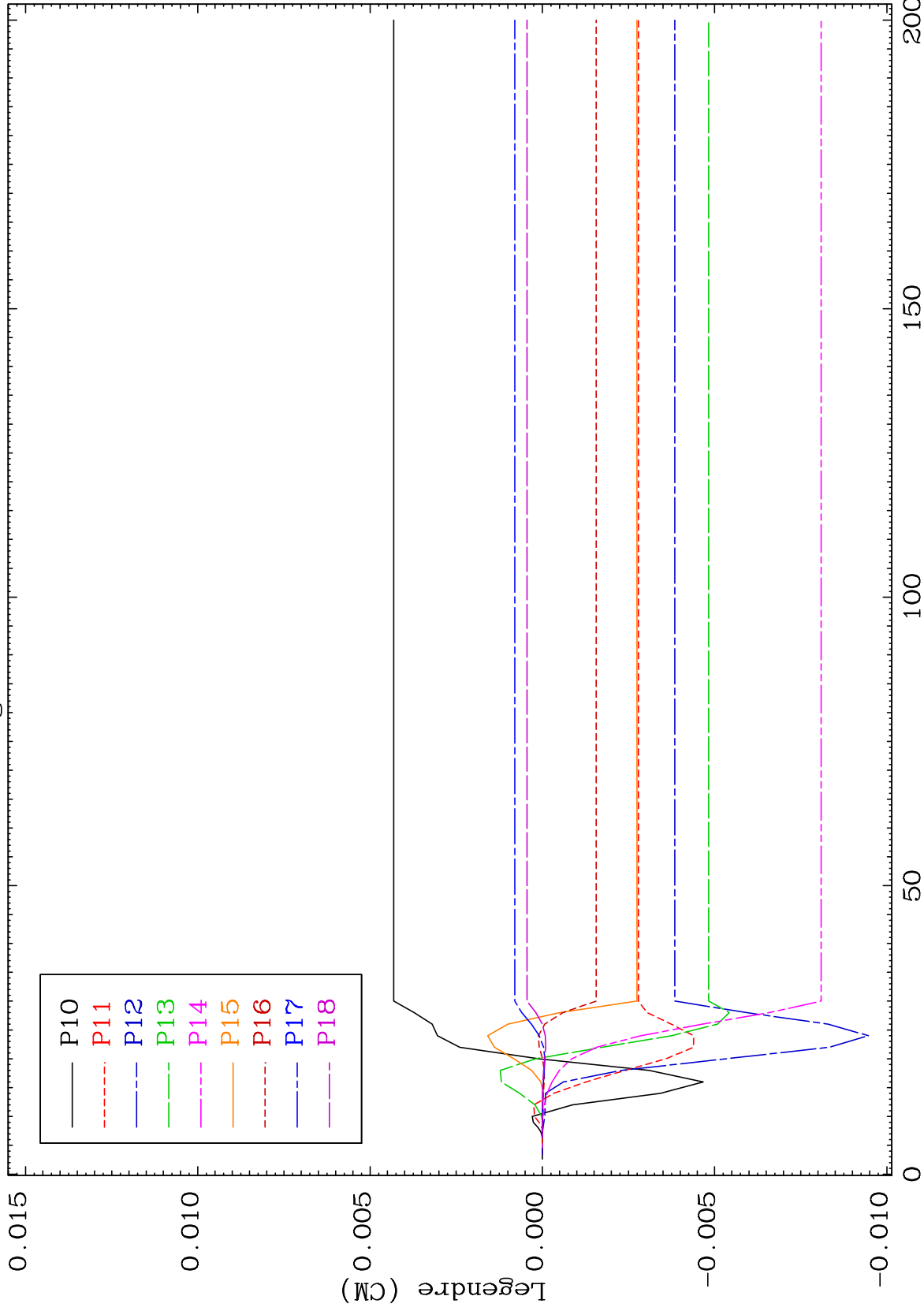


110 Incident Energy (MeV) 50-Sn-123

MAT 5058

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

50-Sn-123



111

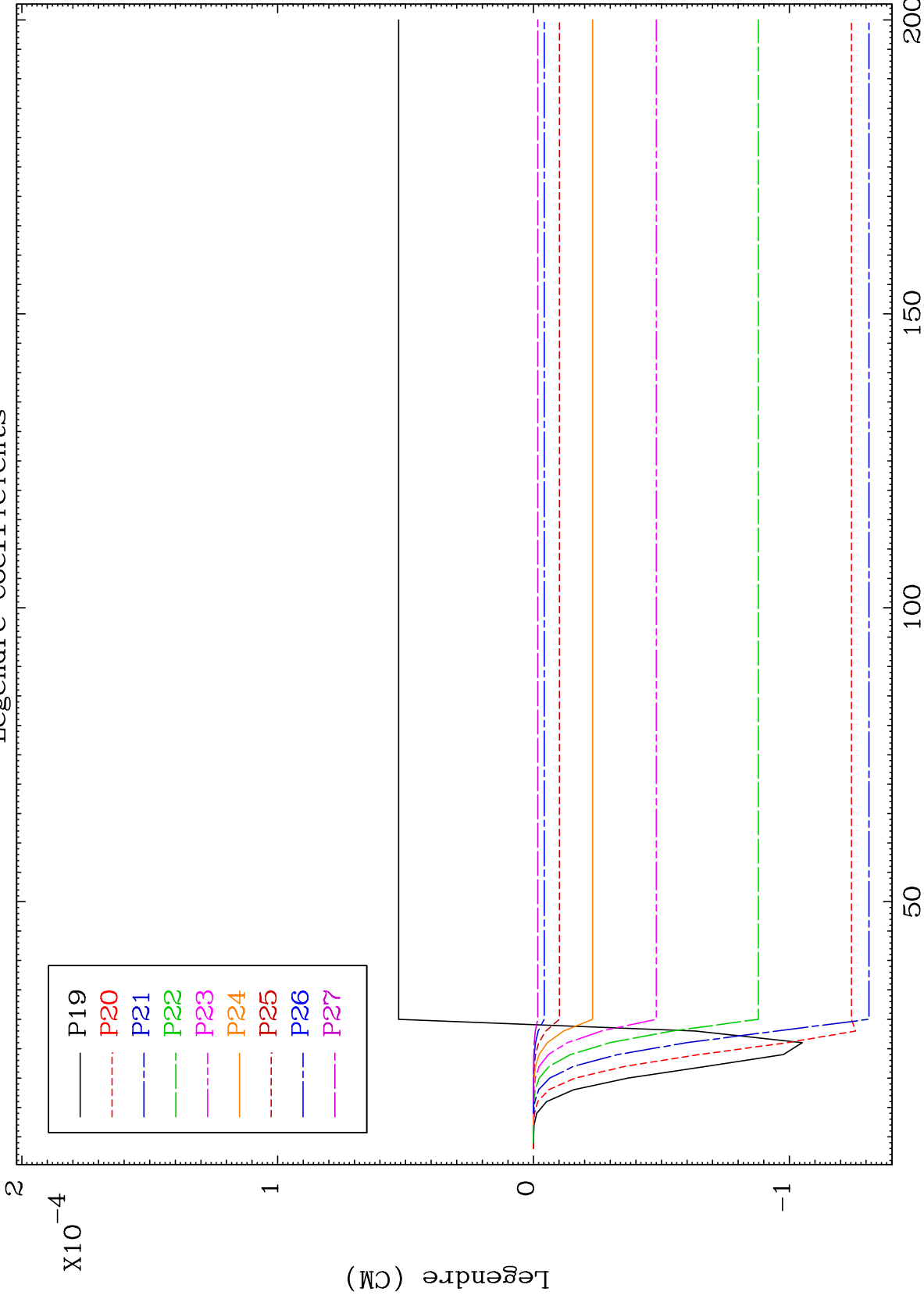
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

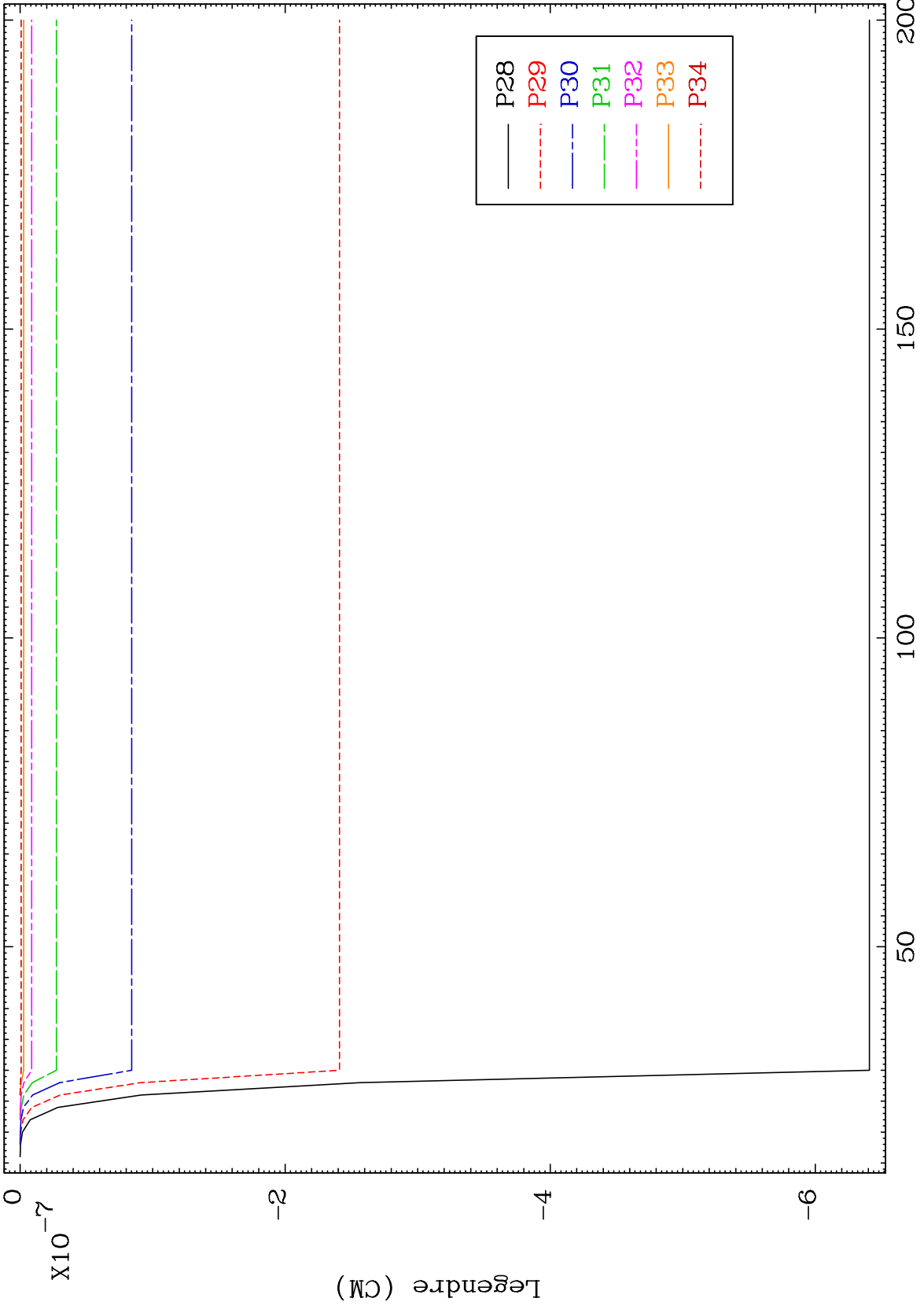
50-Sn-123



112

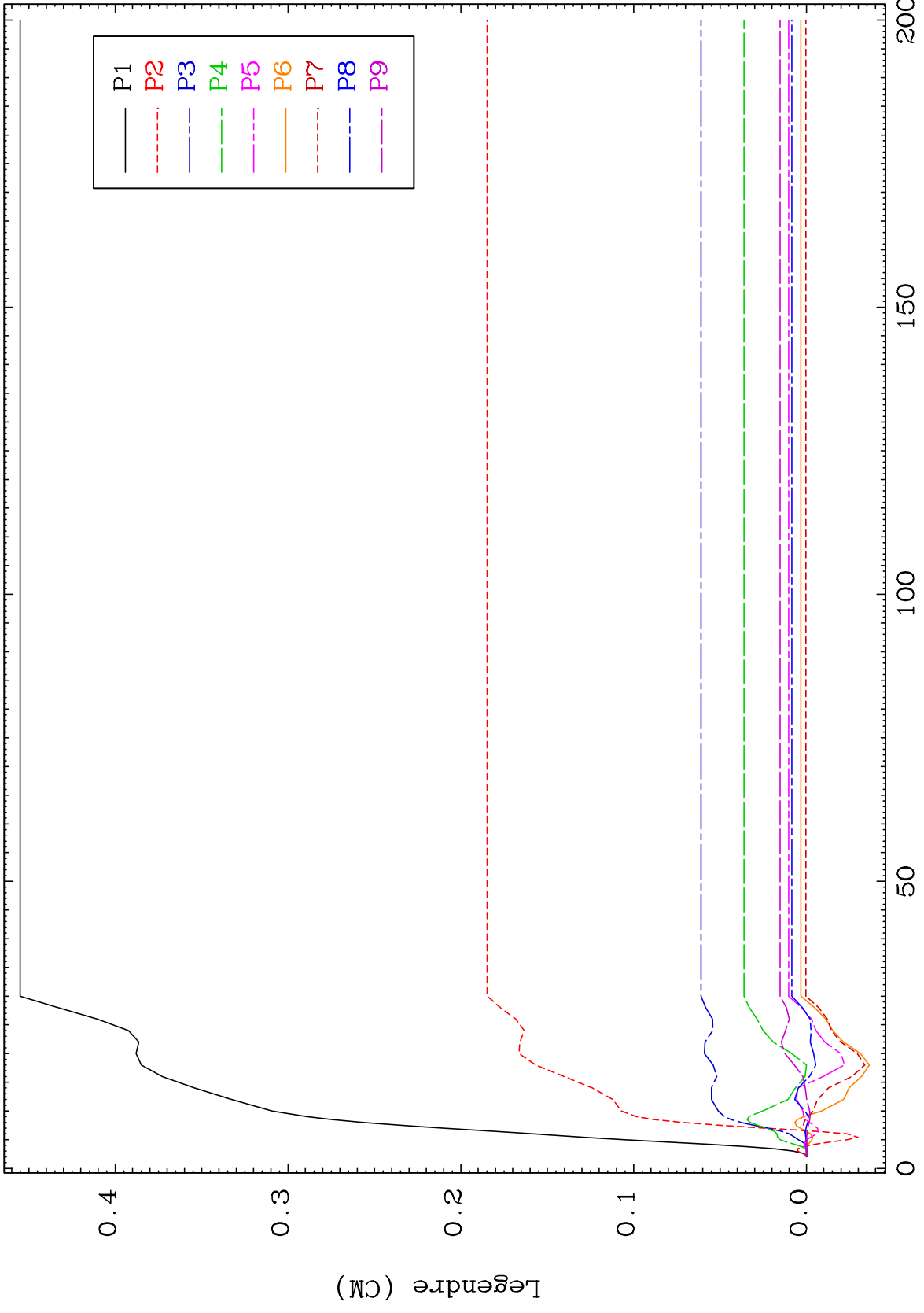
50-Sn-123

MAT 5058 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-123



113 50-Sn-123

MAT 5058 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-123

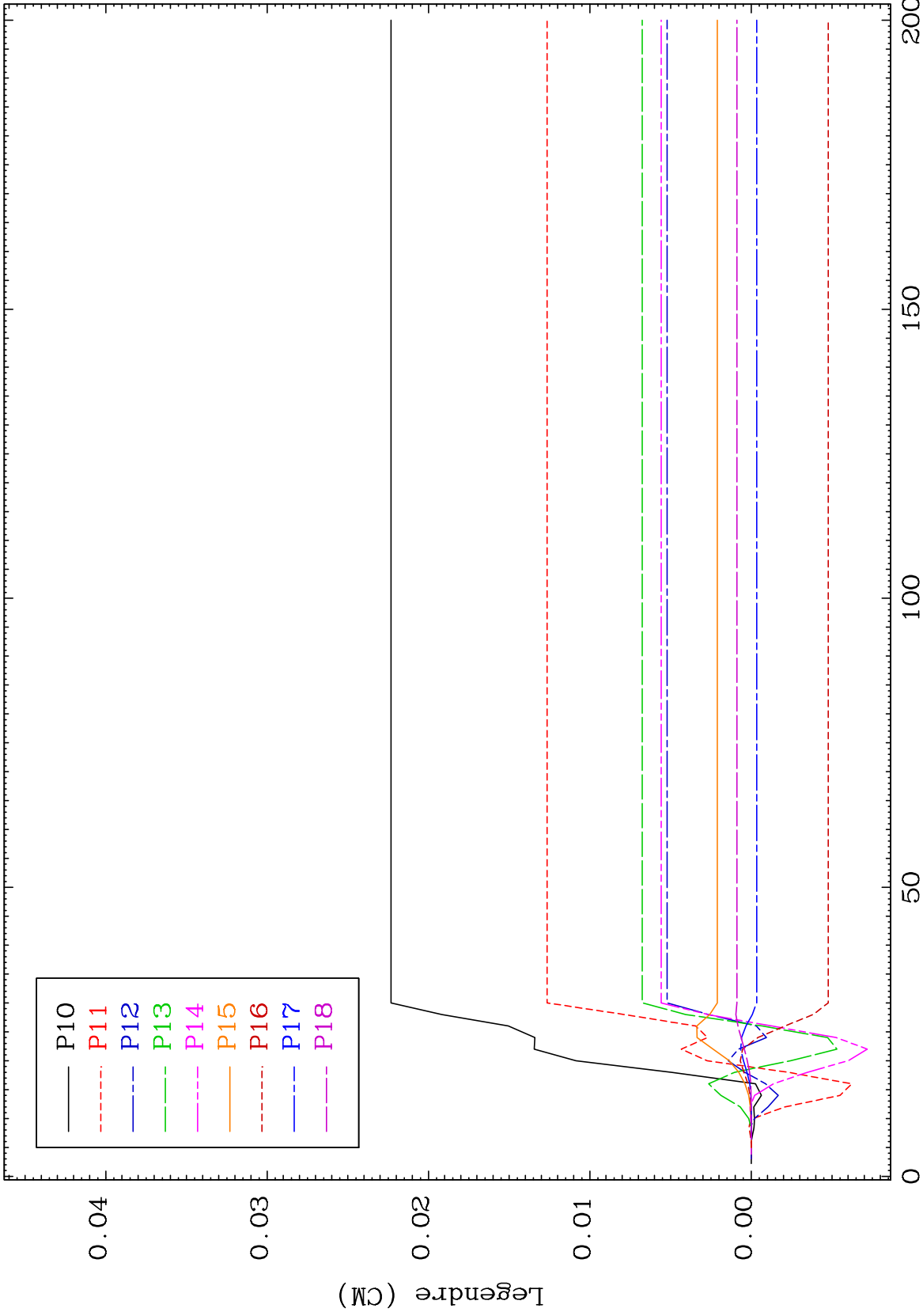


114 50-Sn-123

MAT 5058

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

50-Sn-123



115

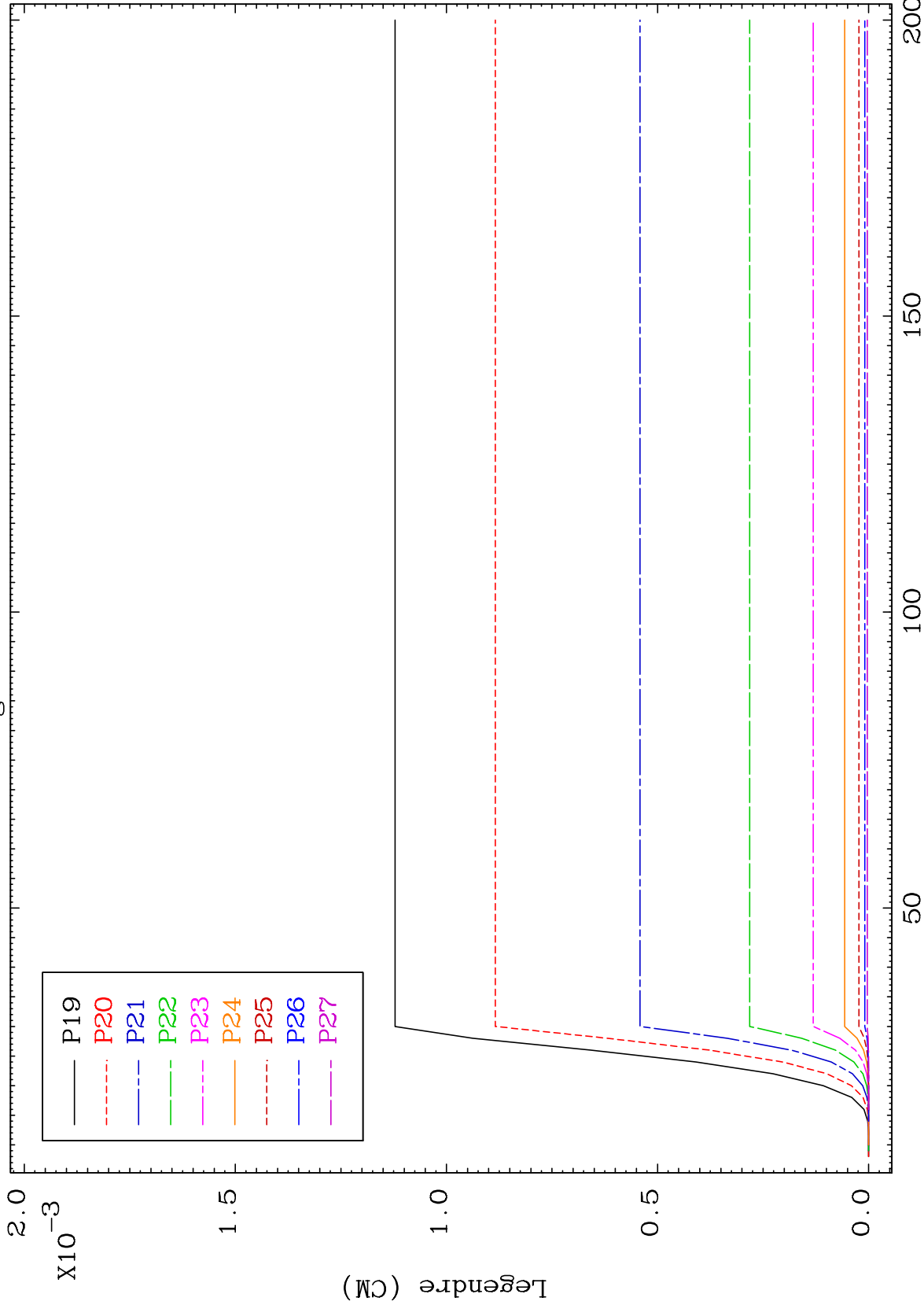
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



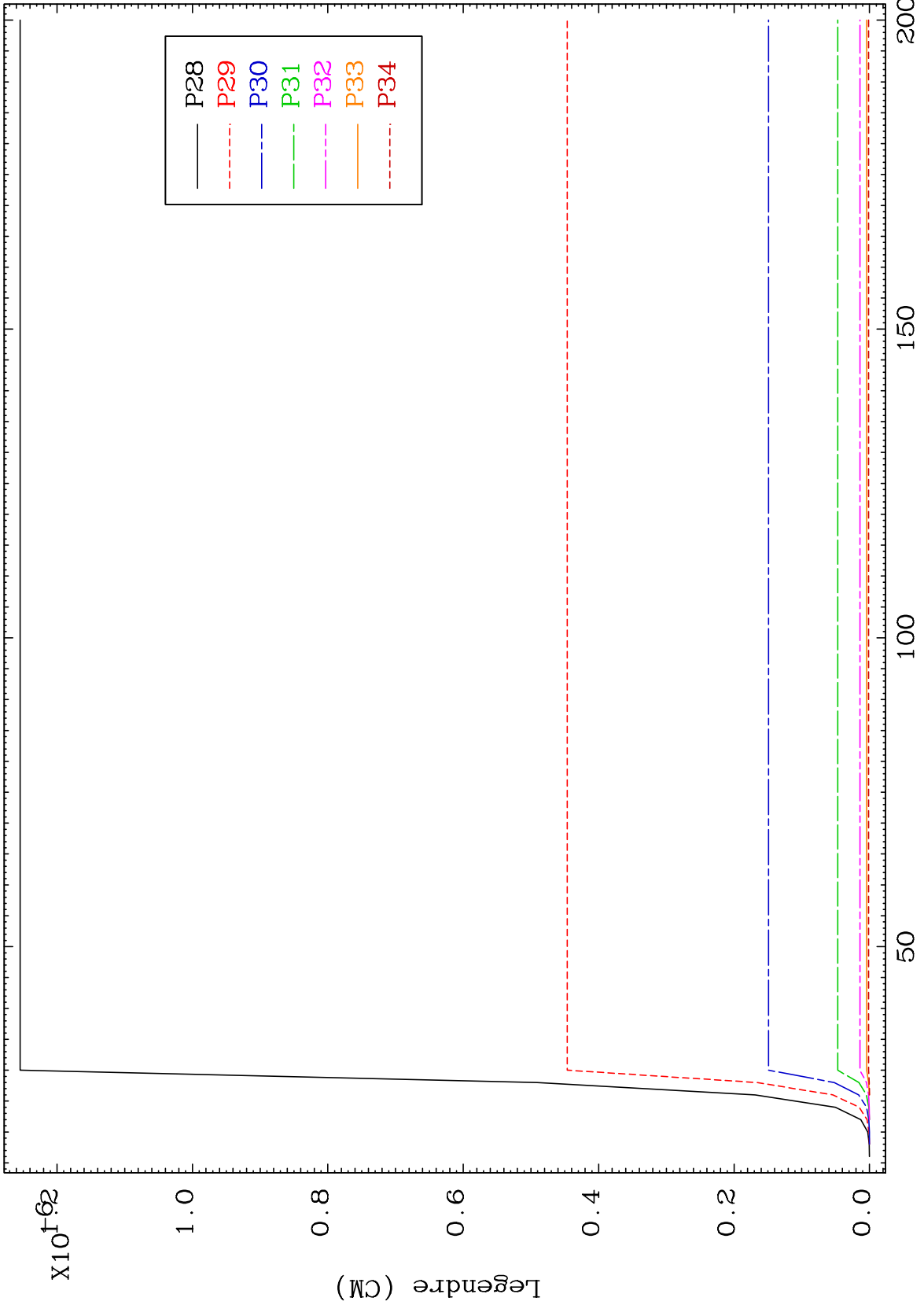
116

50-Sn-123

MAT 5058

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

50-Sn-123



117

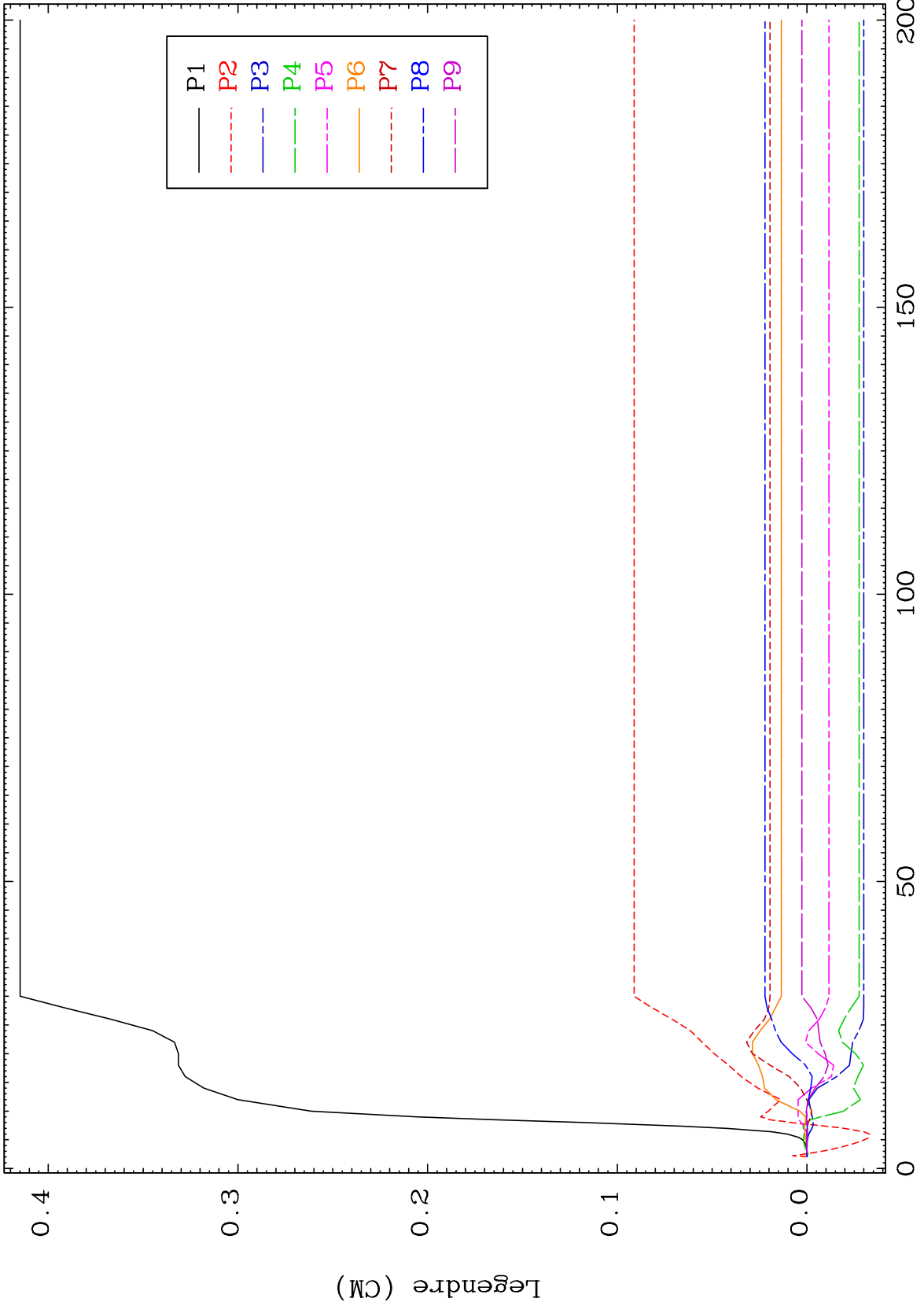
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



118

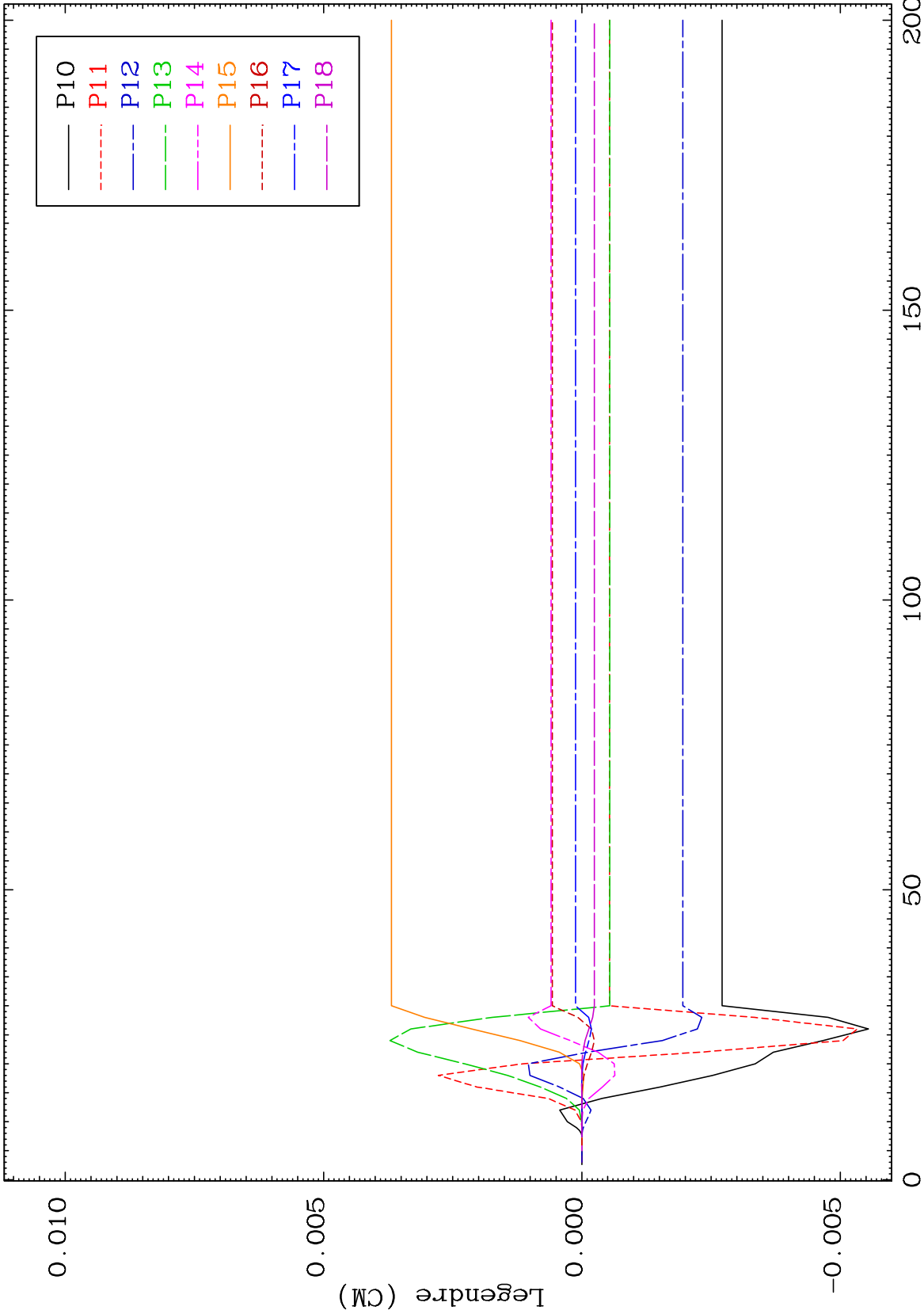
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123

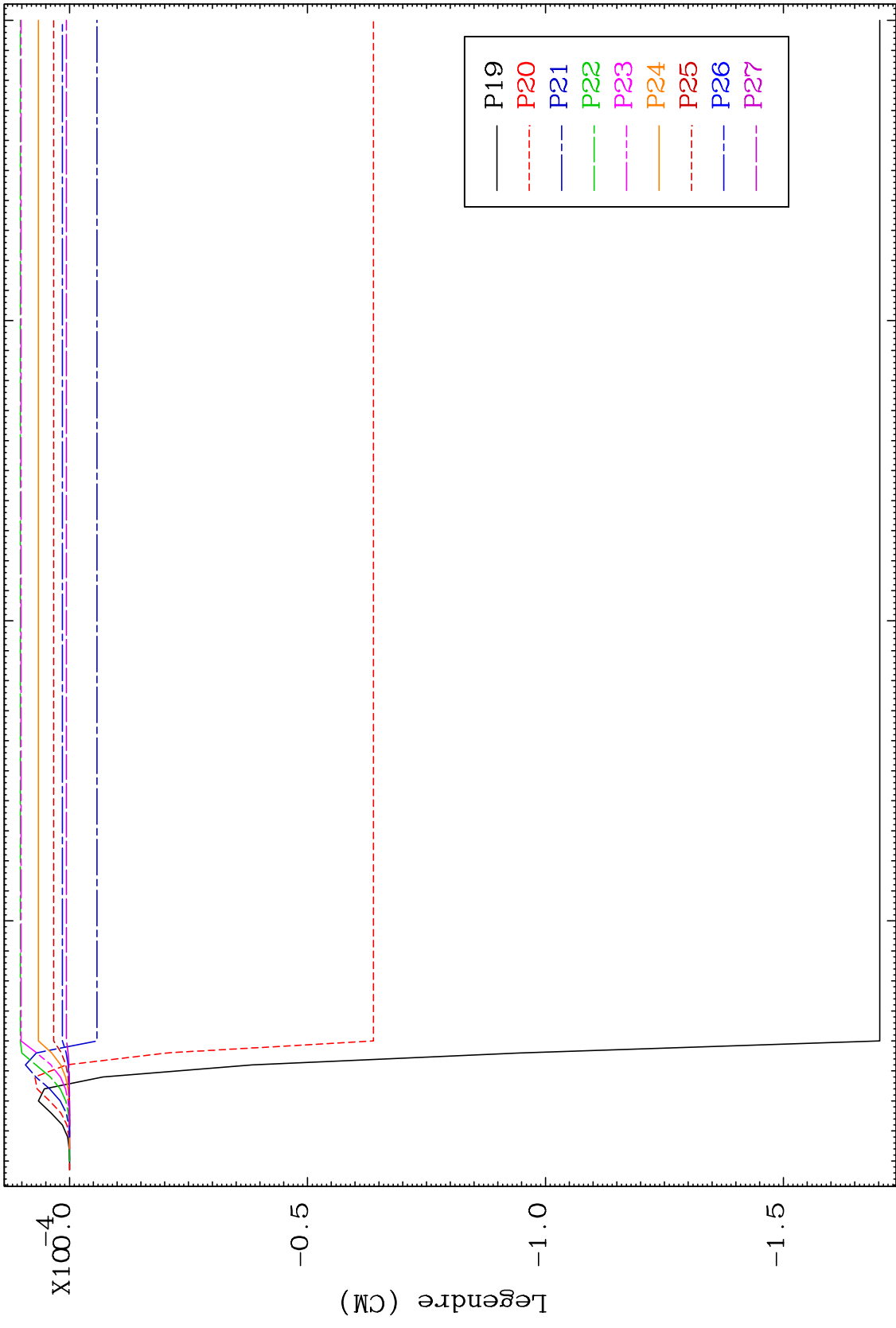


119

Incident Energy (MeV)

50-Sn-123

MAT 5058 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-123

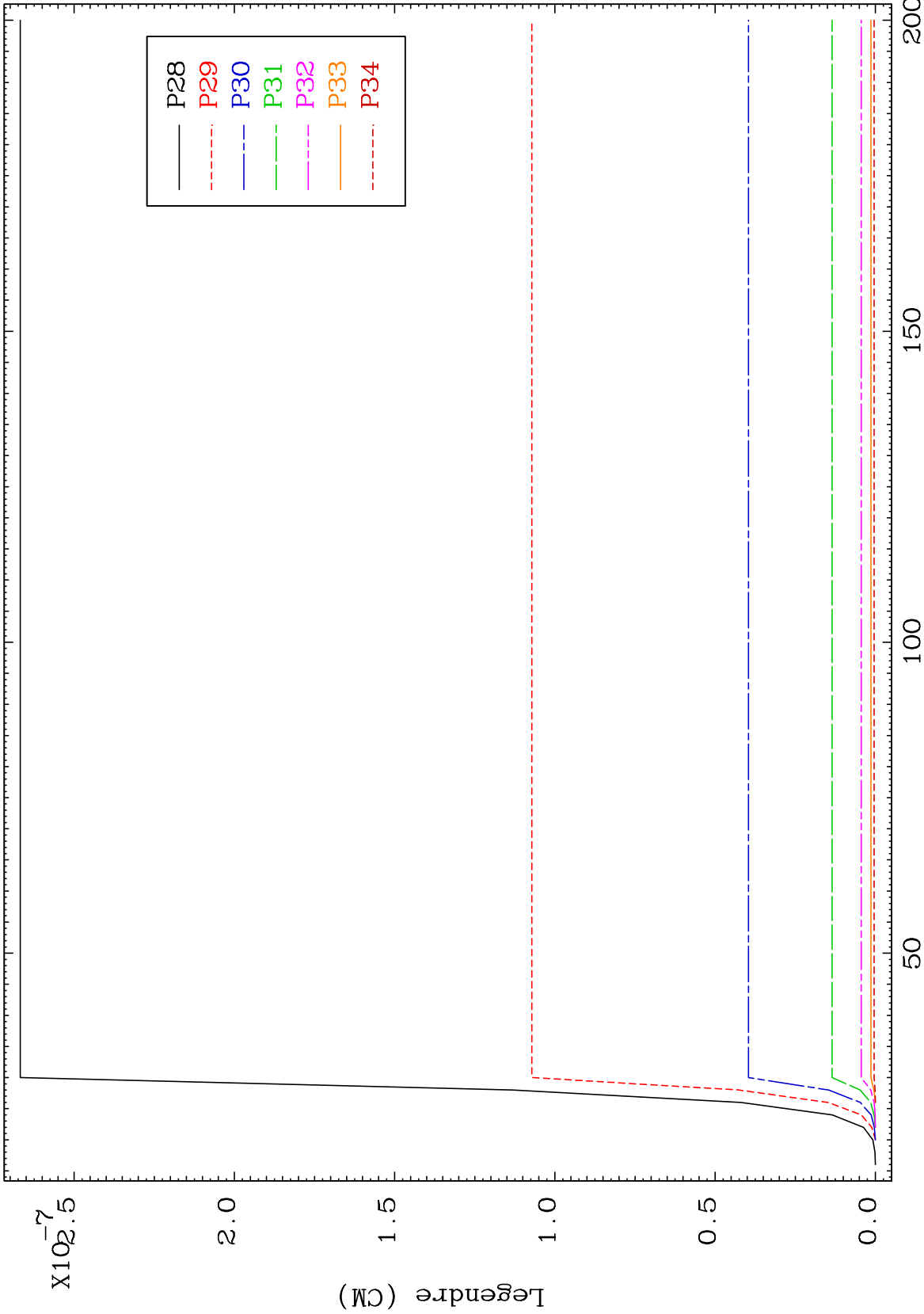


120 Incident Energy (MeV) 50-Sn-123

MAT 5058

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

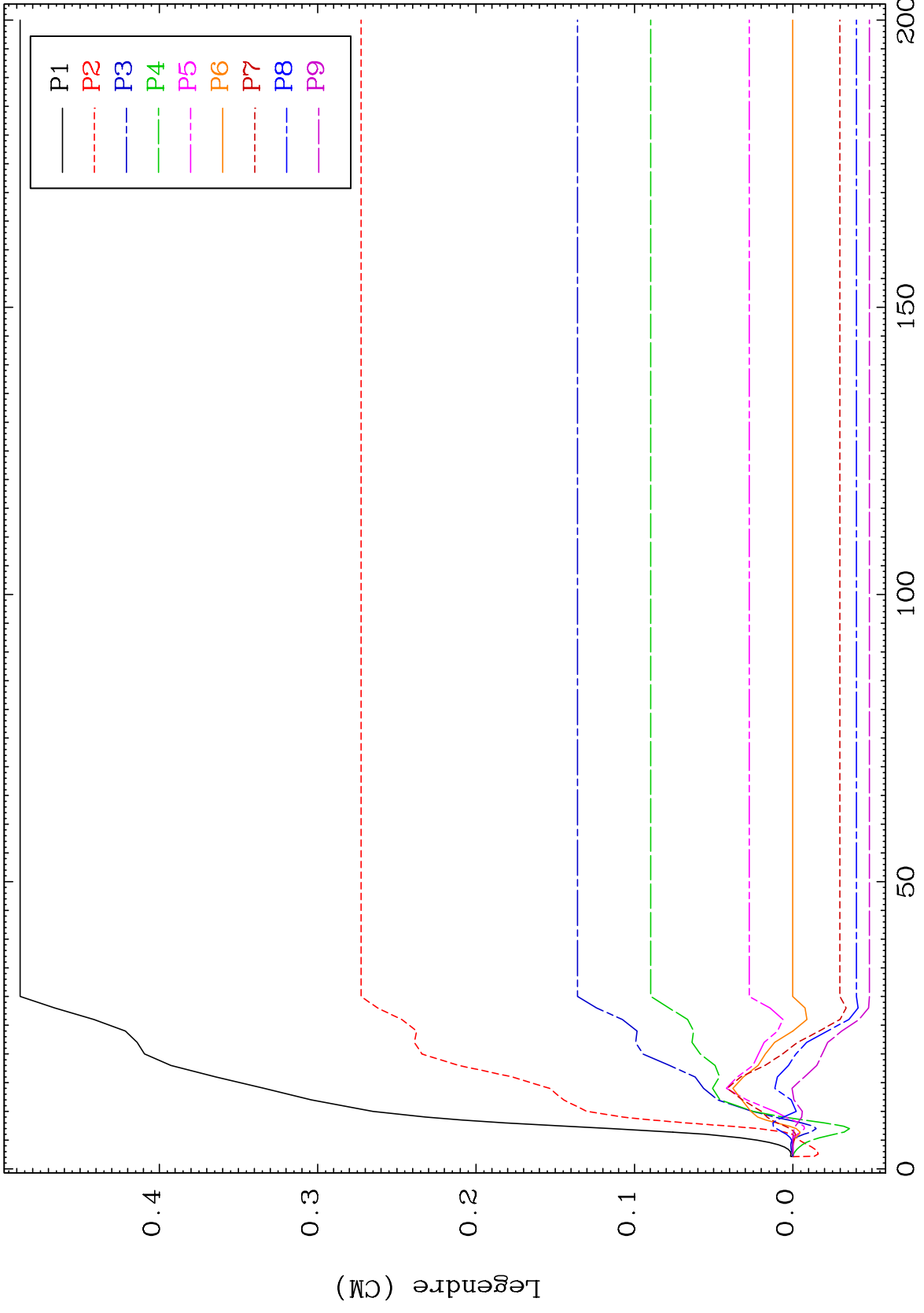
50-Sn-123



121

50-Sn-123

MAT 5058 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-123

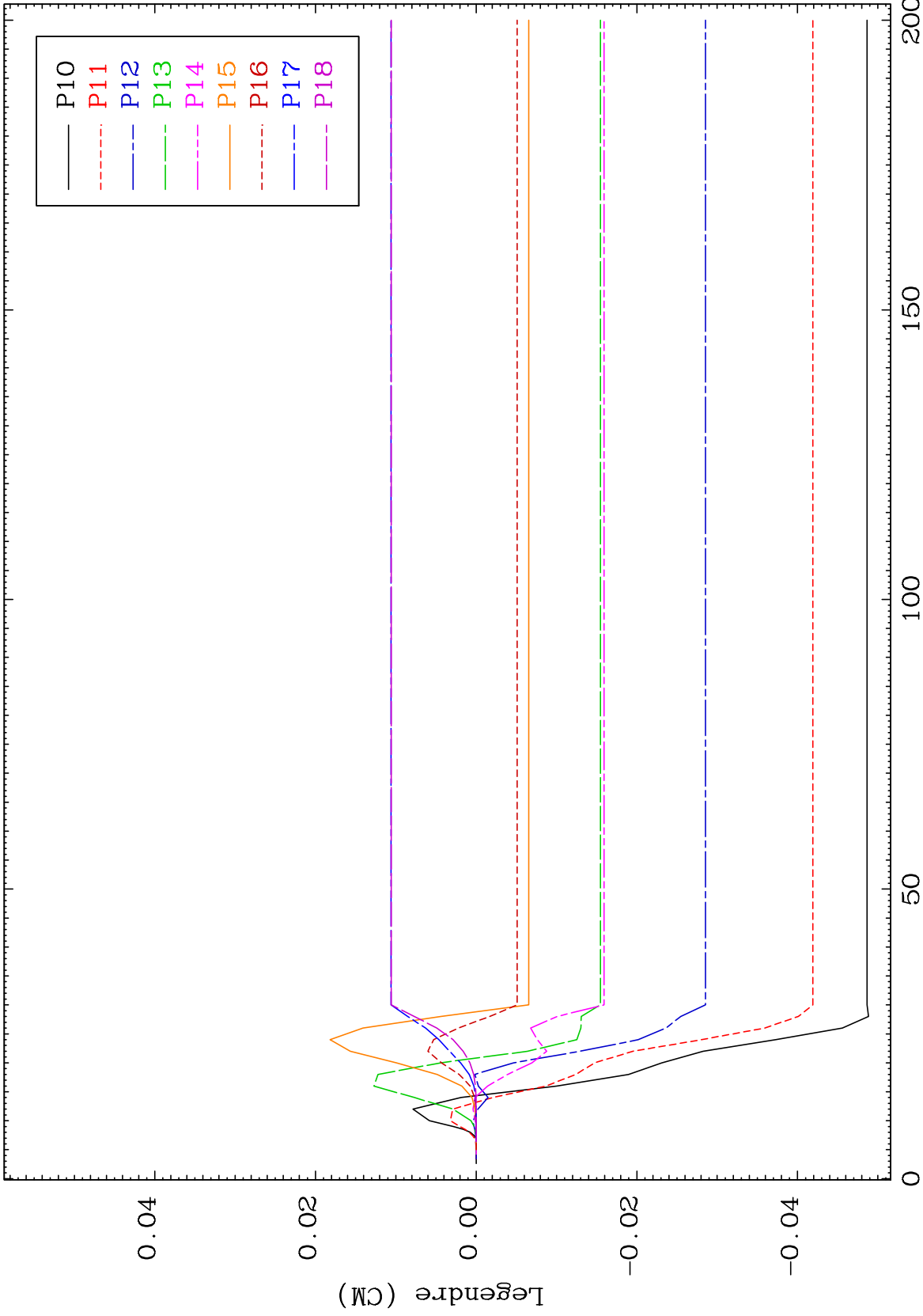


122 Incident Energy (MeV) 50-Sn-123

MAT 5058

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

50-Sn-123



123

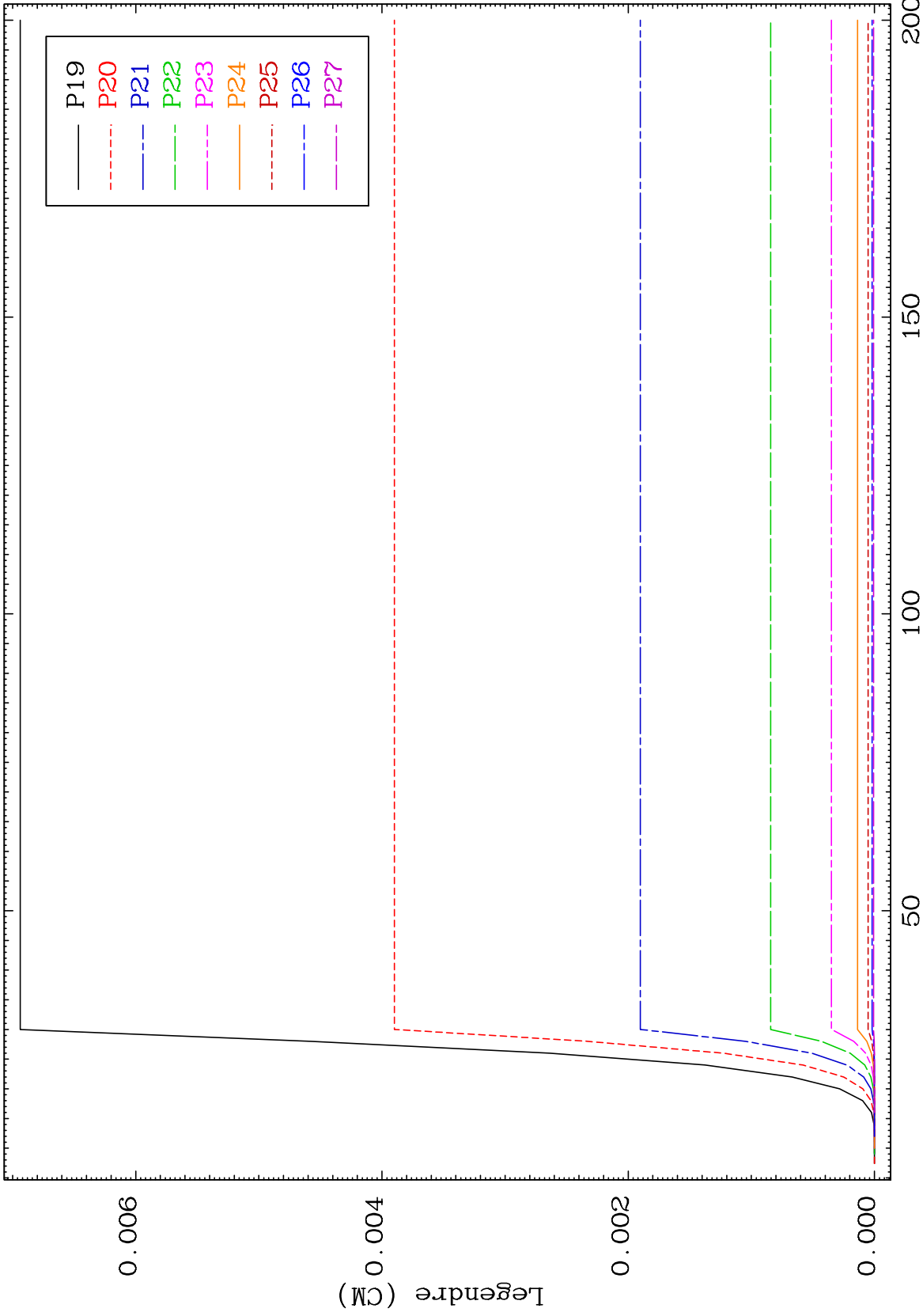
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123

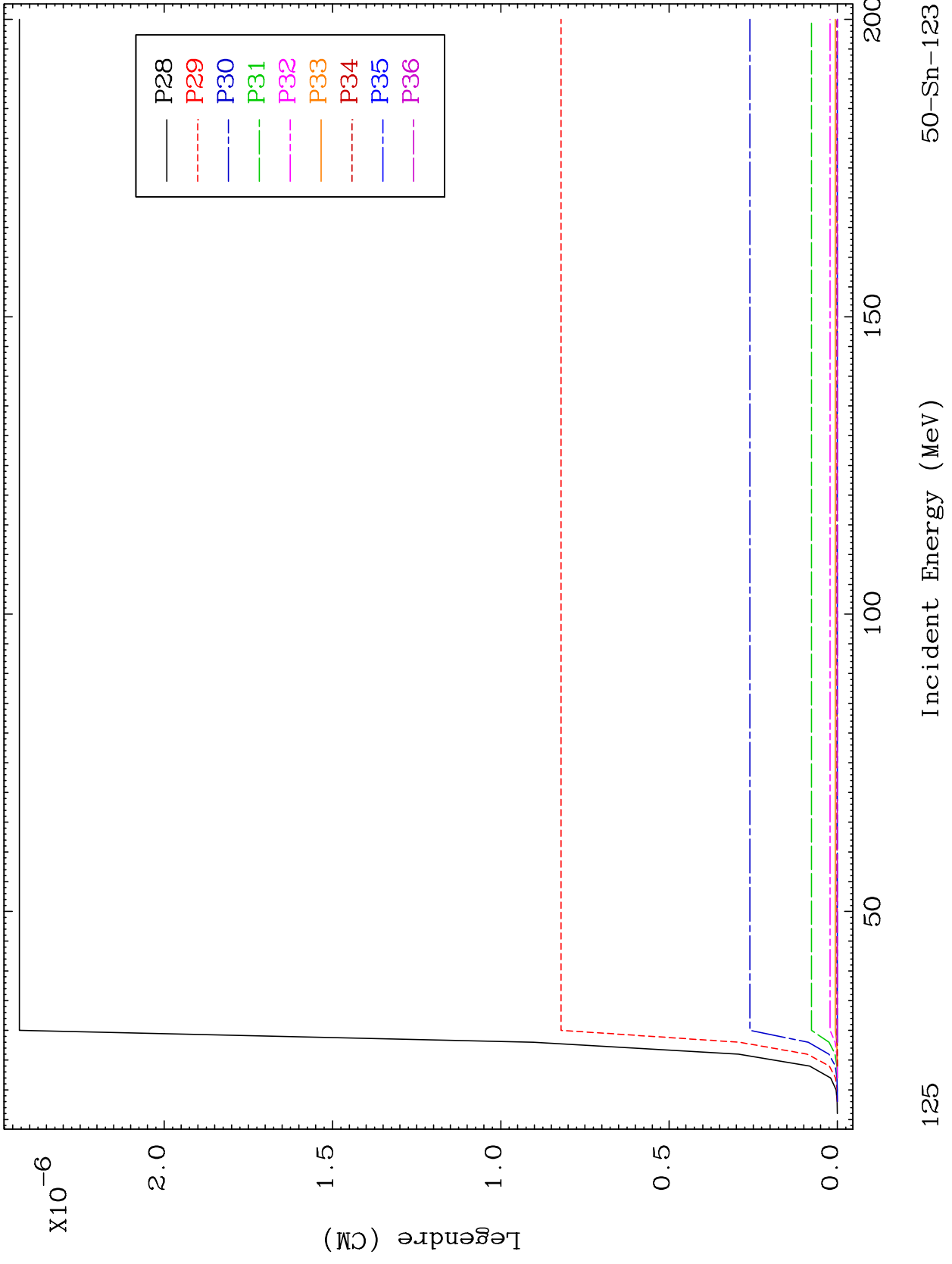


124

Incident Energy (MeV)

50-Sn-123

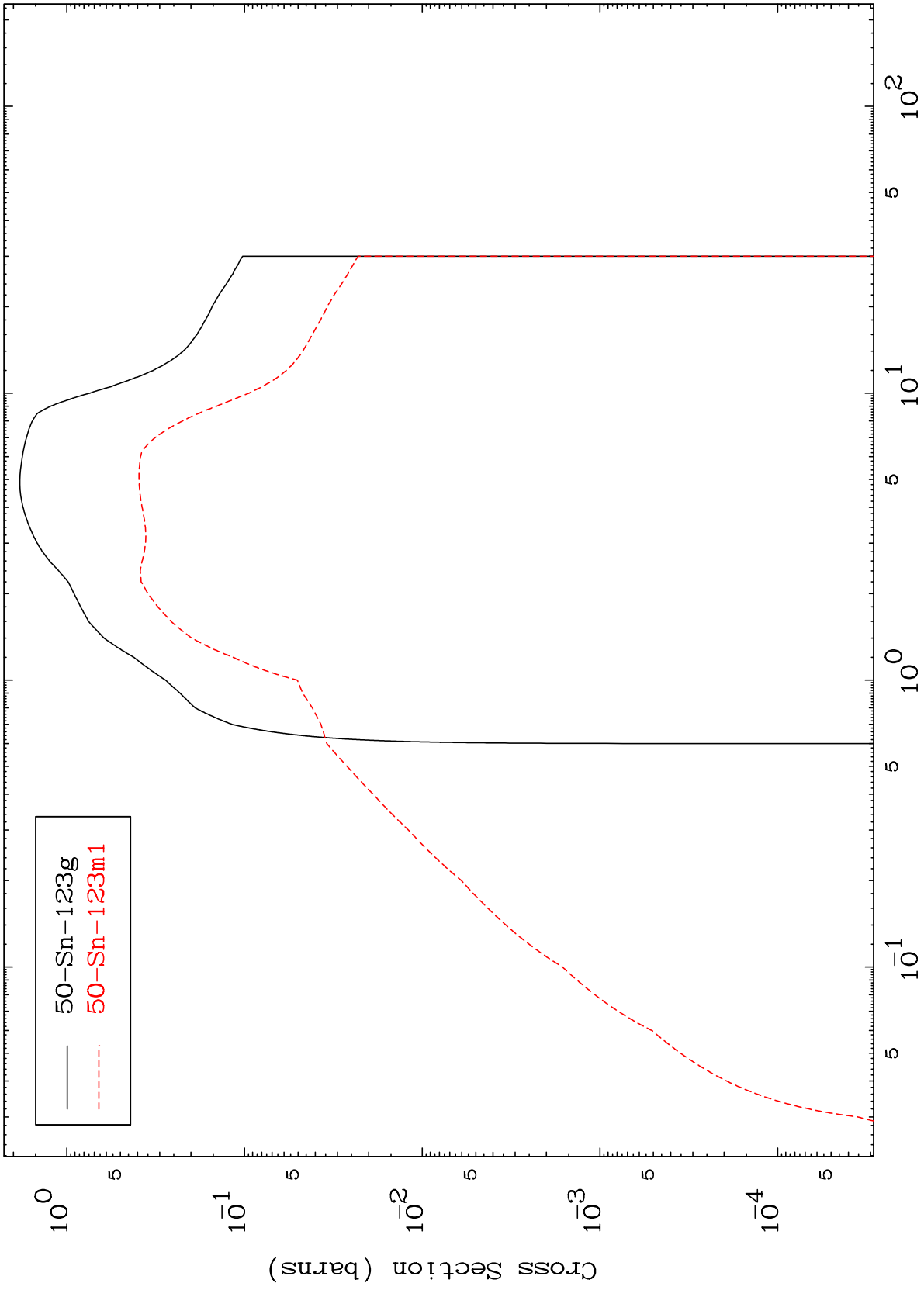
MAT 5058 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-123



MAT 5058

Inelastic
Radionuclide Production Cross Section

50-Sn-123



— 50-Sn-123g
- - - 50-Sn-123m1

126

Incident Energy (MeV)

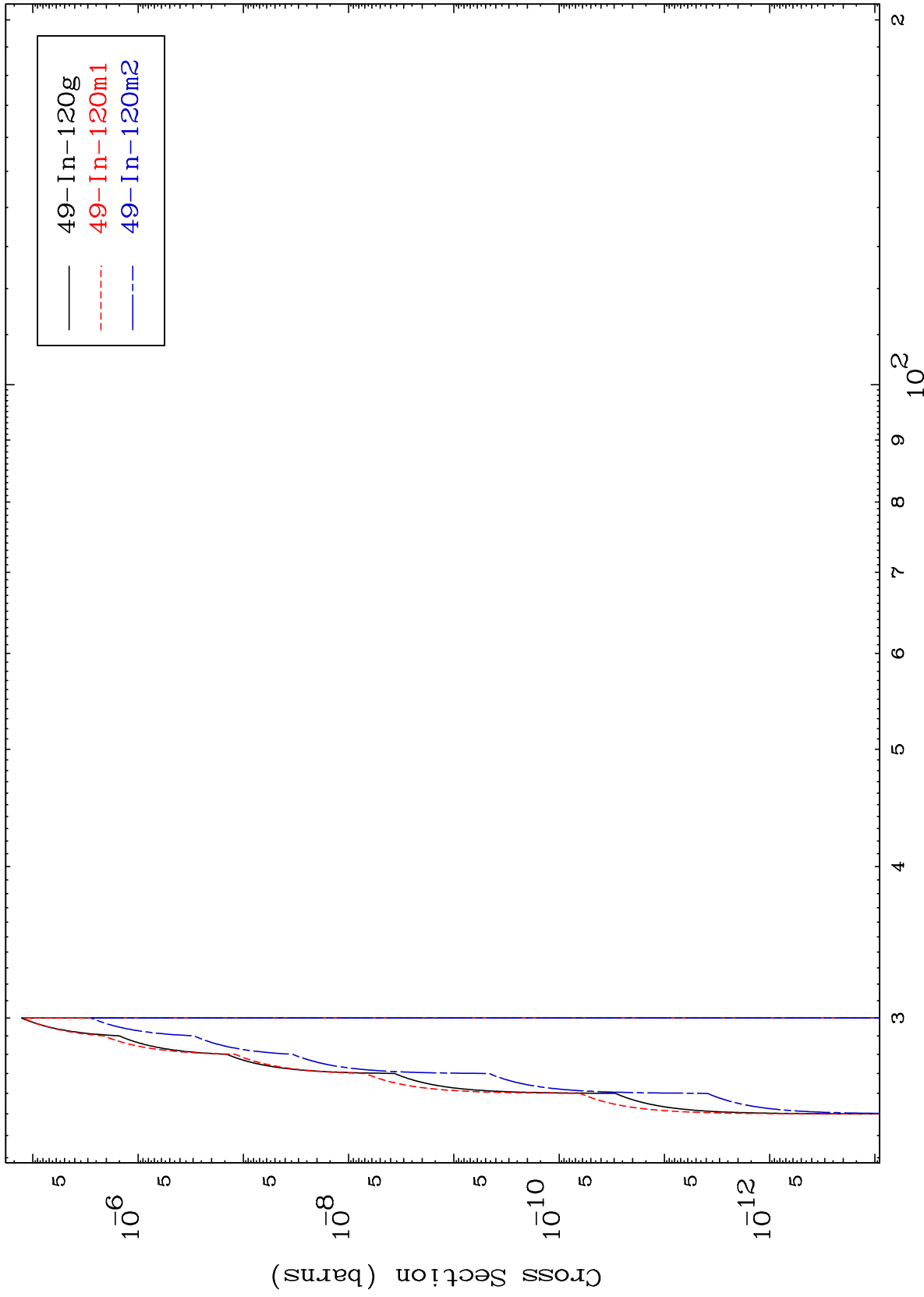
50-Sn-123

MAT 5058

(n,2n) d

50-Sn-123

Radionuclide Production Cross Section



127

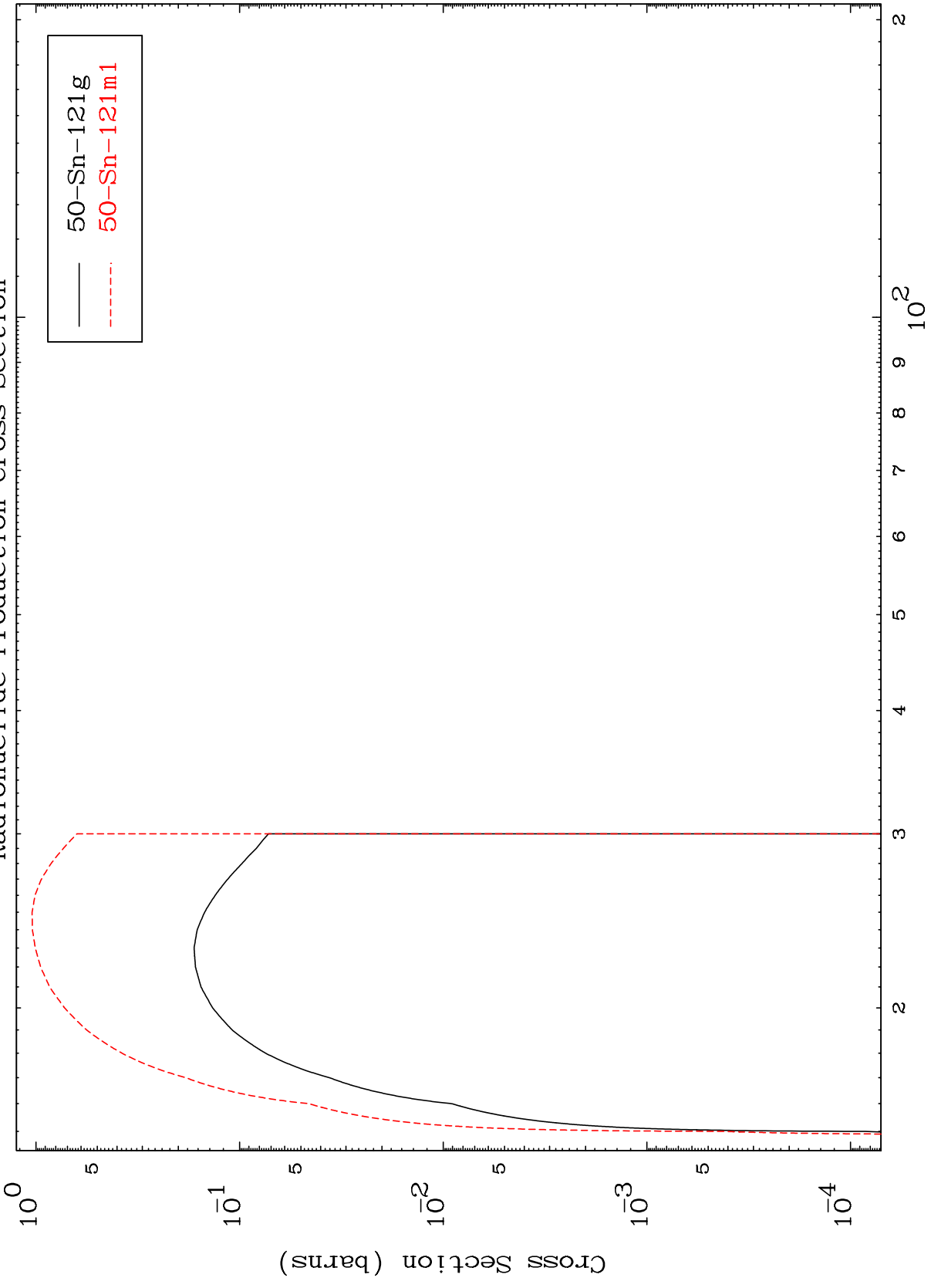
Incident Energy (MeV)

50-Sn-123

MAT 5058

50-Sn-123

(n,3n)
Radionuclide Production Cross Section



128

50-Sn-123

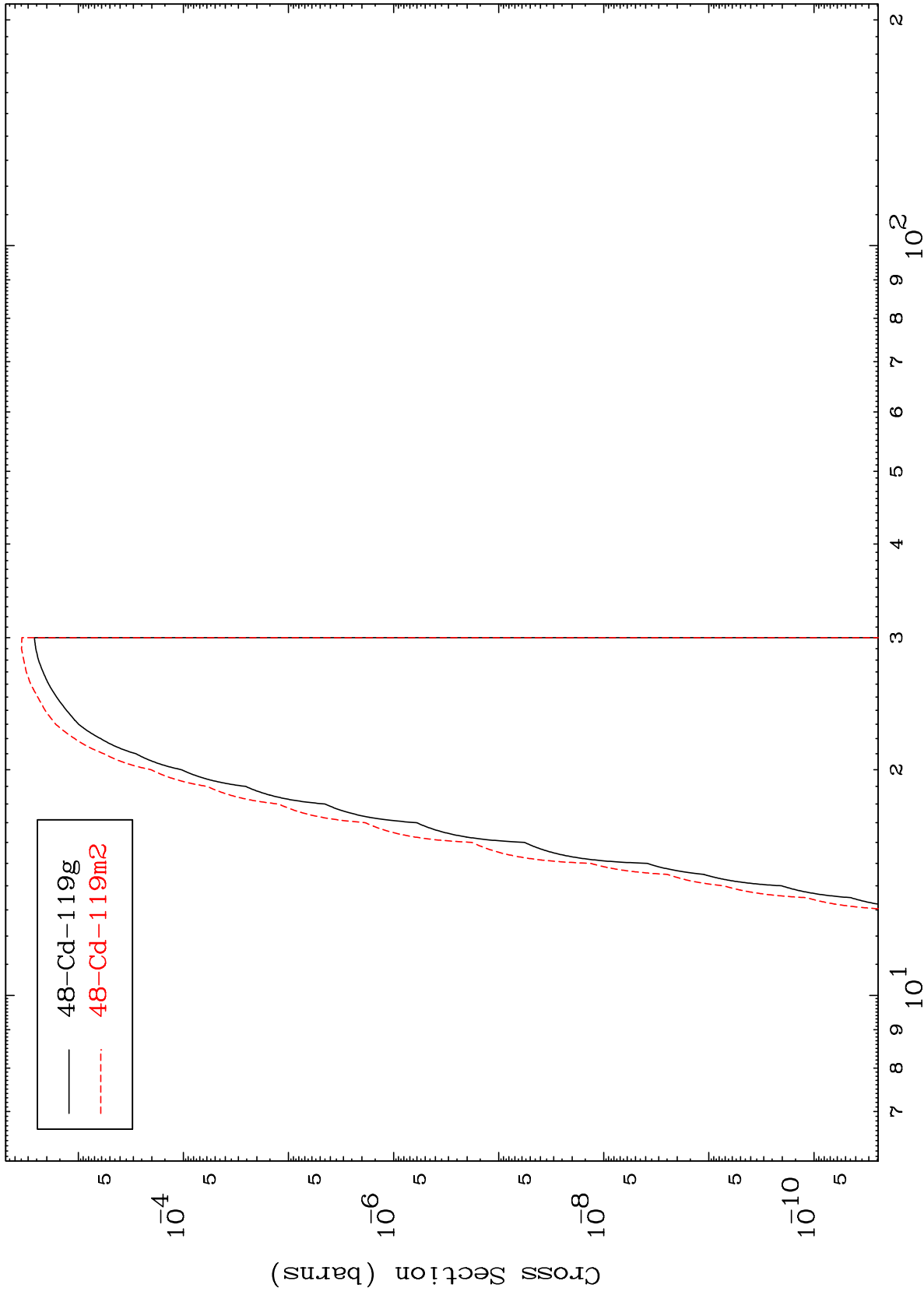
Incident Energy (MeV)

MAT 5058

(n,n') α

50-Sn-123

Radionuclide Production Cross Section



48-Cd-119g
48-Cd-119m2

129

Incident Energy (MeV)

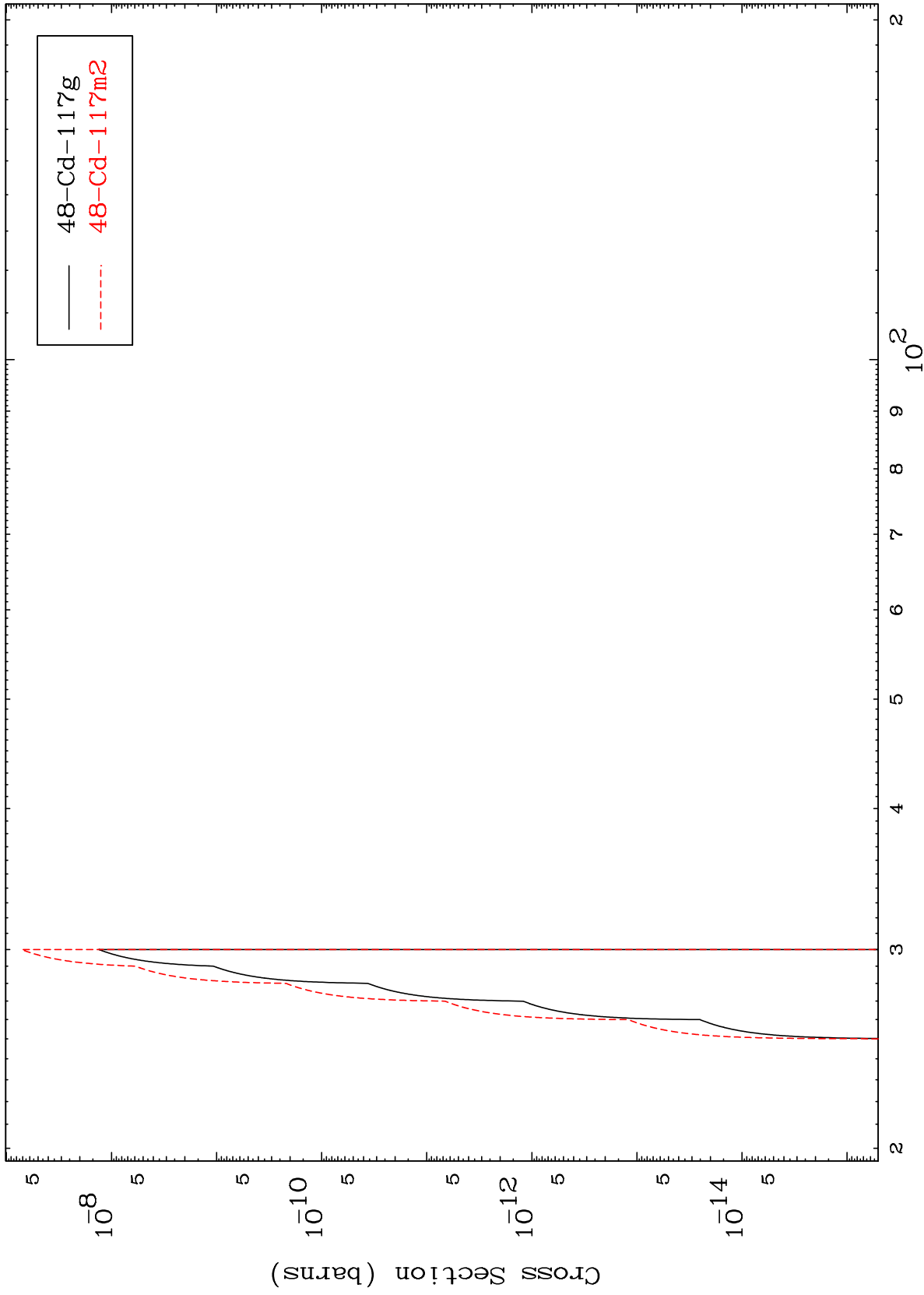
50-Sn-123

MAT 5058

(n,3n) α

50-Sn-123

Radionuclide Production Cross Section



130

Incident Energy (MeV)

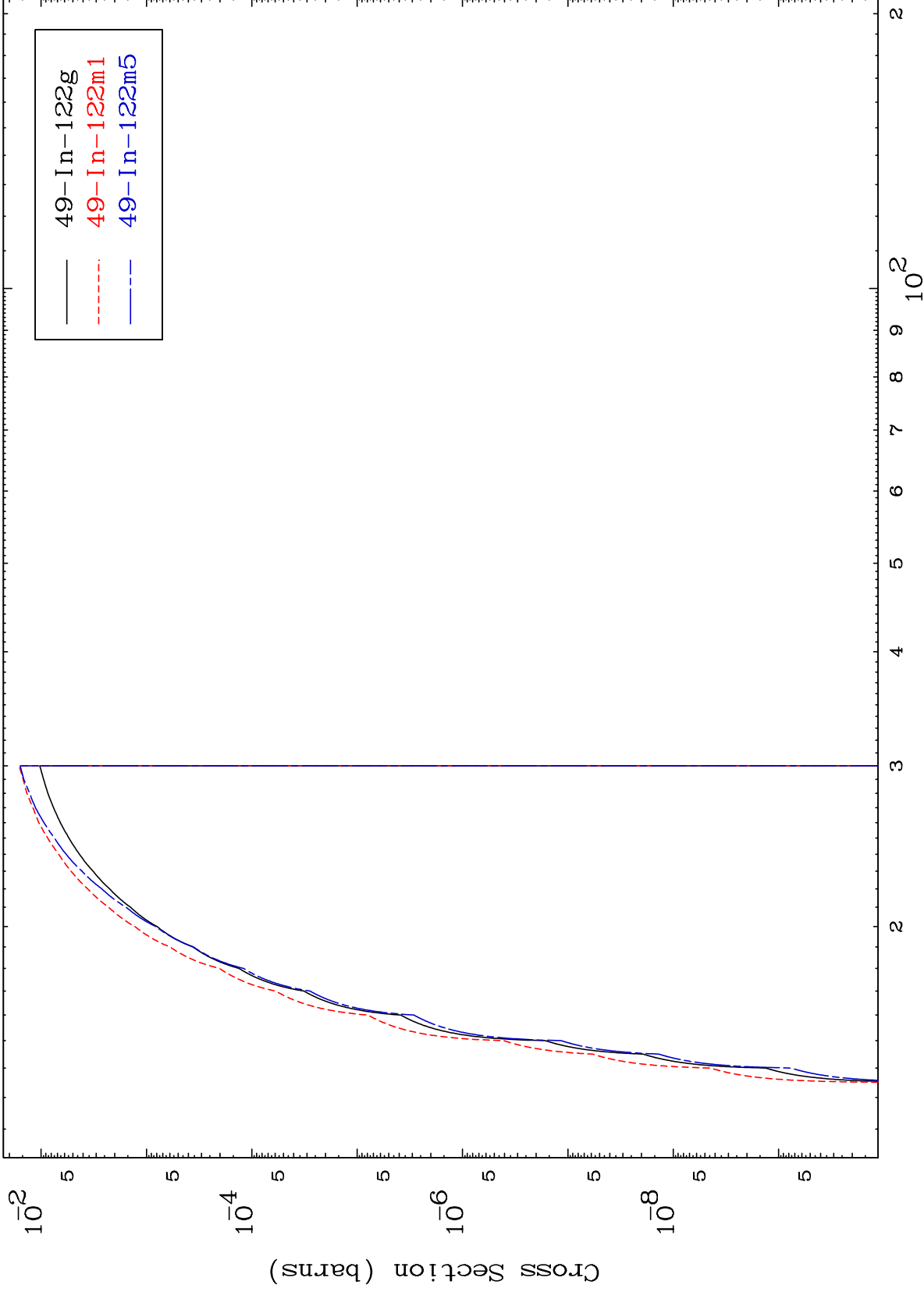
50-Sn-123

MAT 5058

(n,n') p

50-Sn-123

Radionuclide Production Cross Section



131

Incident Energy (MeV)

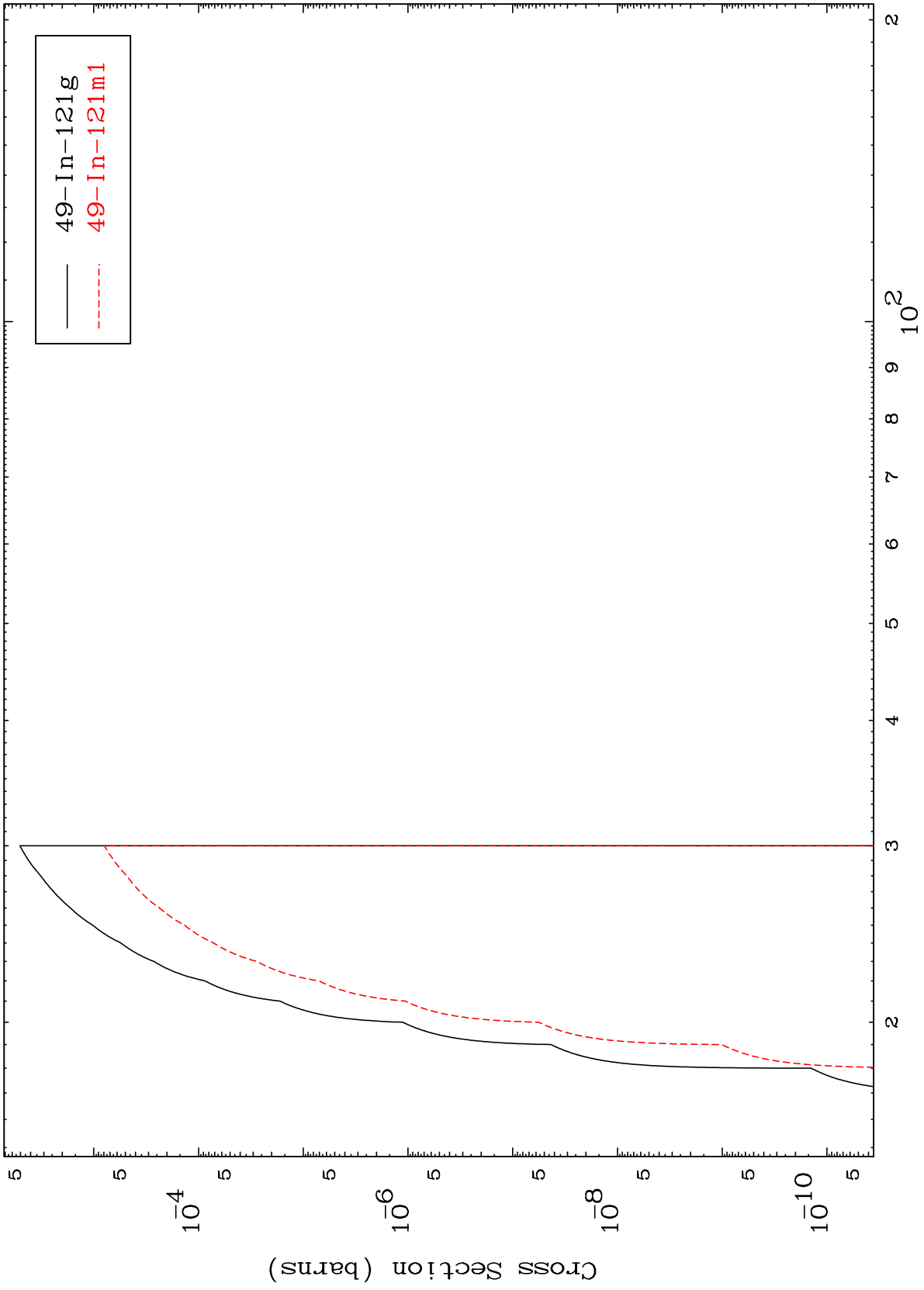
50-Sn-123

MAT 5058

(n,n') d

50-Sn-123

Radionuclide Production Cross Section

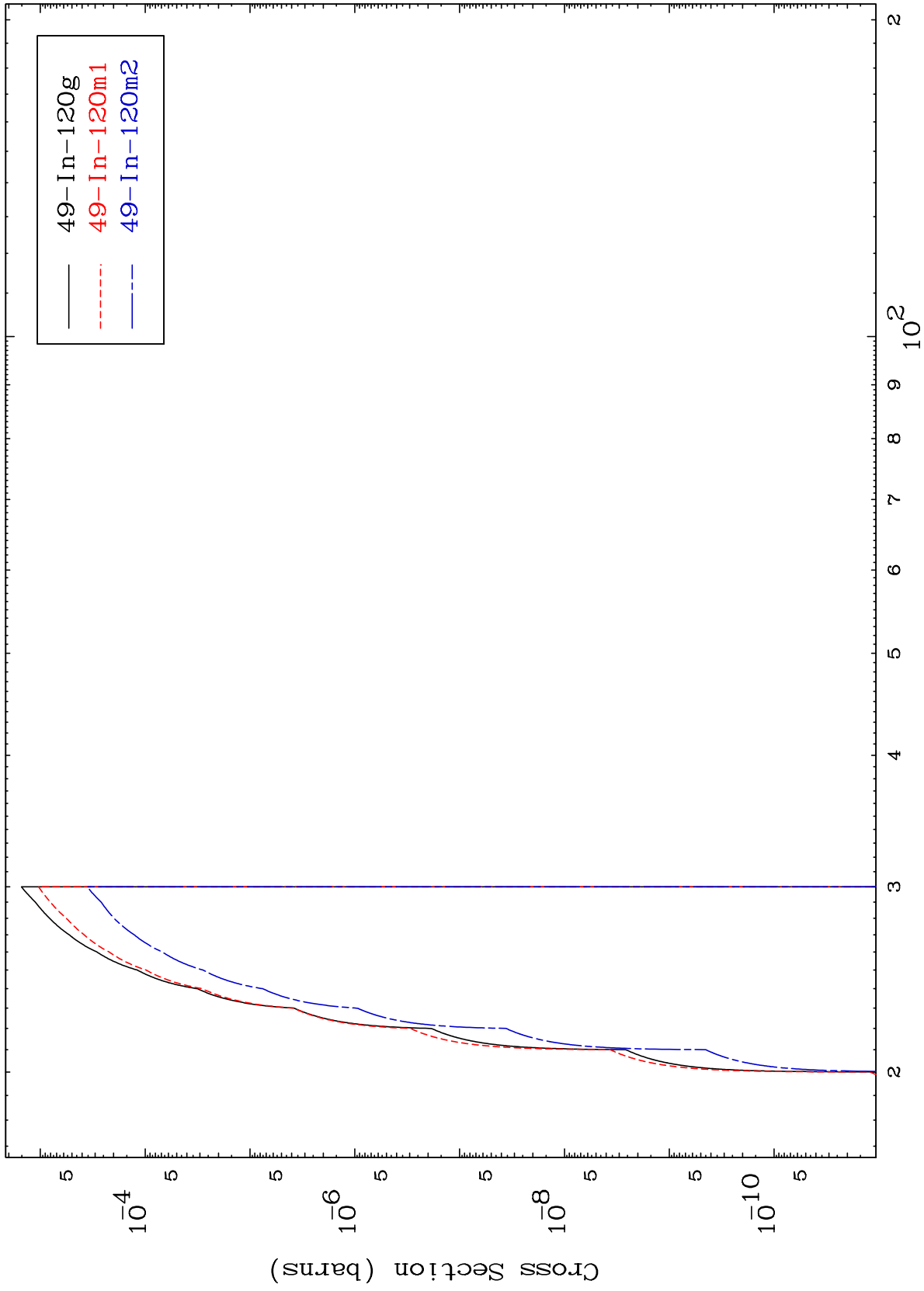


132

Incident Energy (MeV)

50-Sn-123

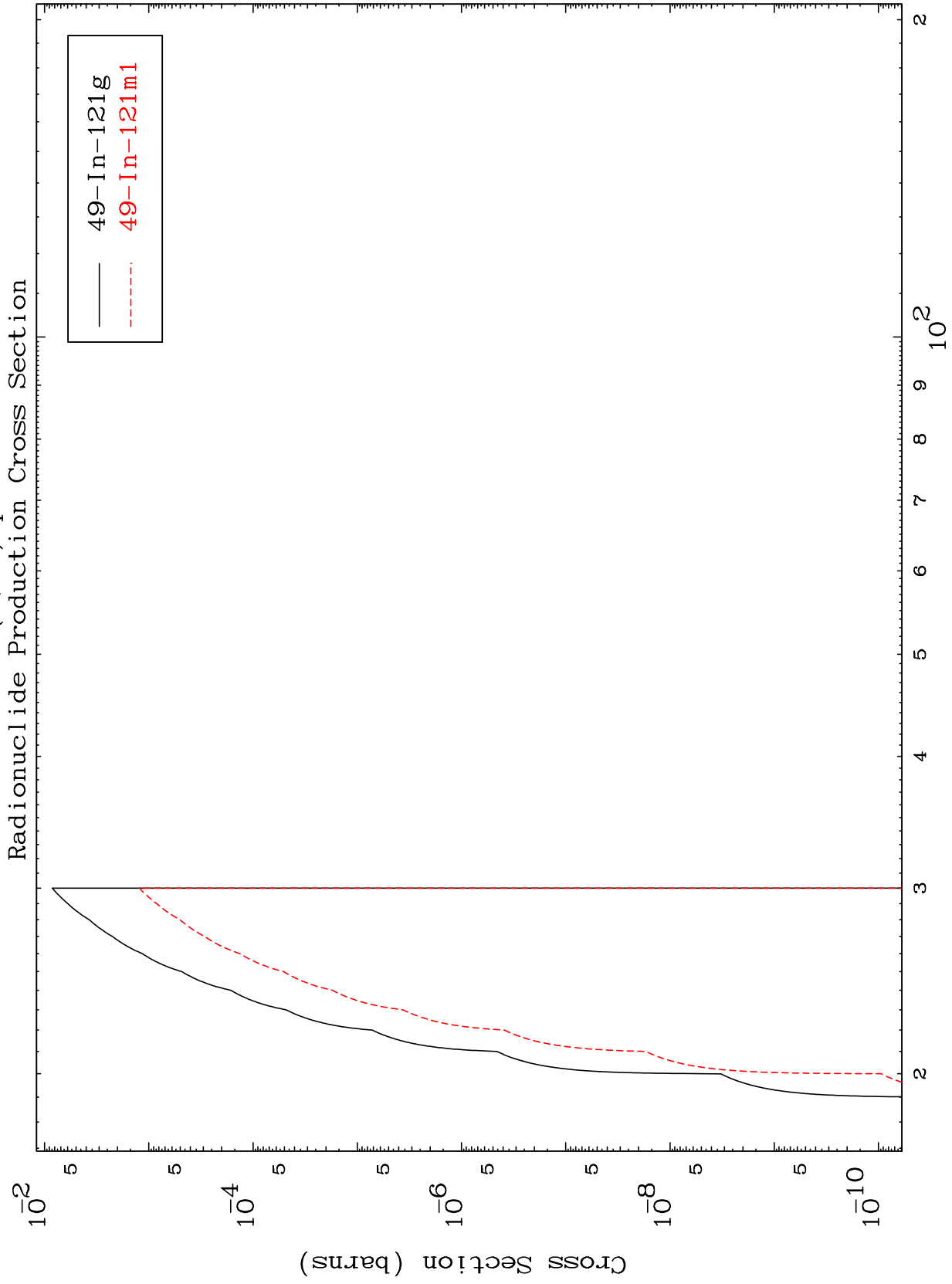
Radionuclide Production Cross Section



MAT 5058

(n,2n) p

50-Sn-123



134

Incident Energy (MeV)

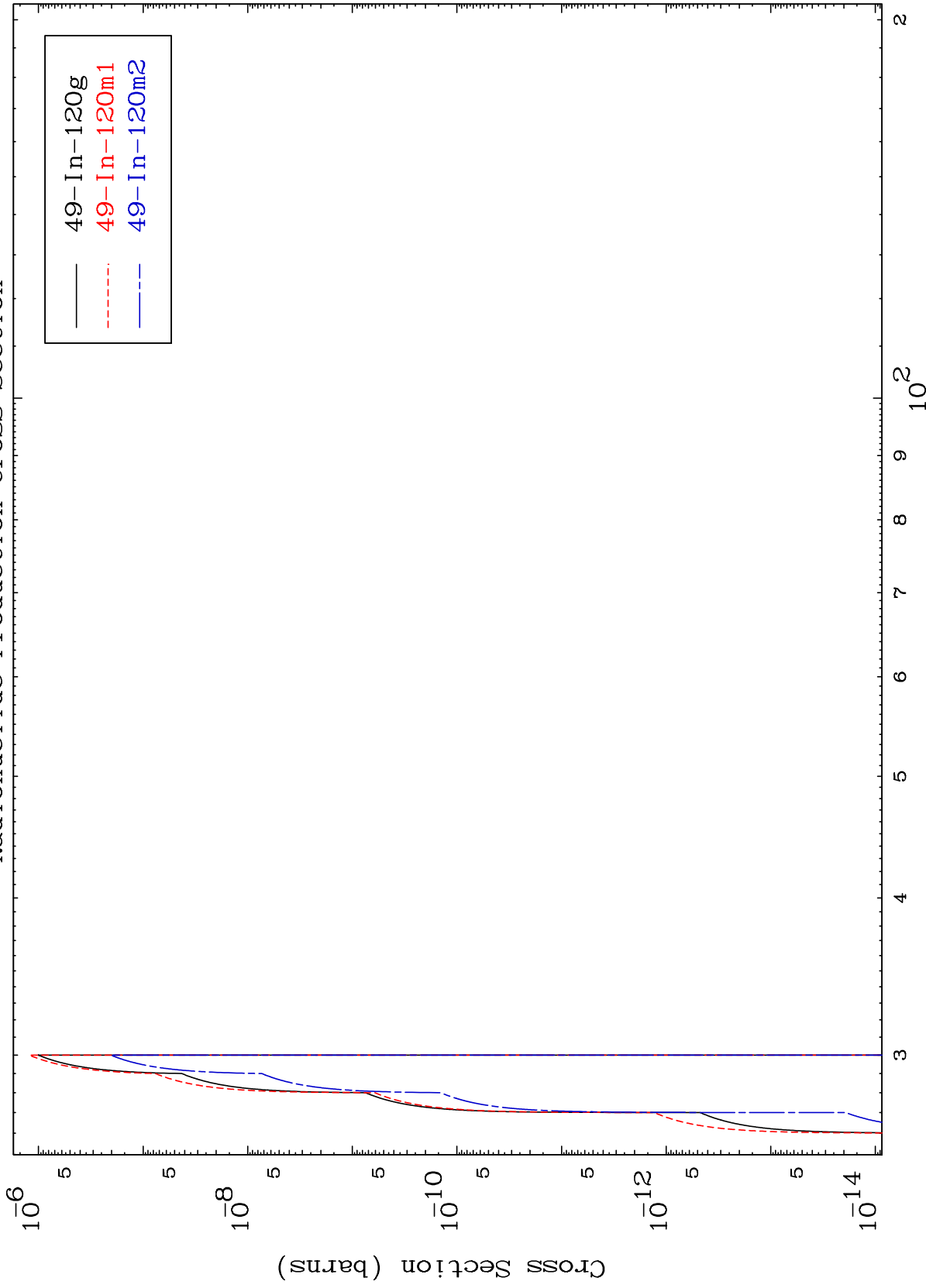
50-Sn-123

MAT 5058

(n,3n) p

50-Sn-123

Radionuclide Production Cross Section



135

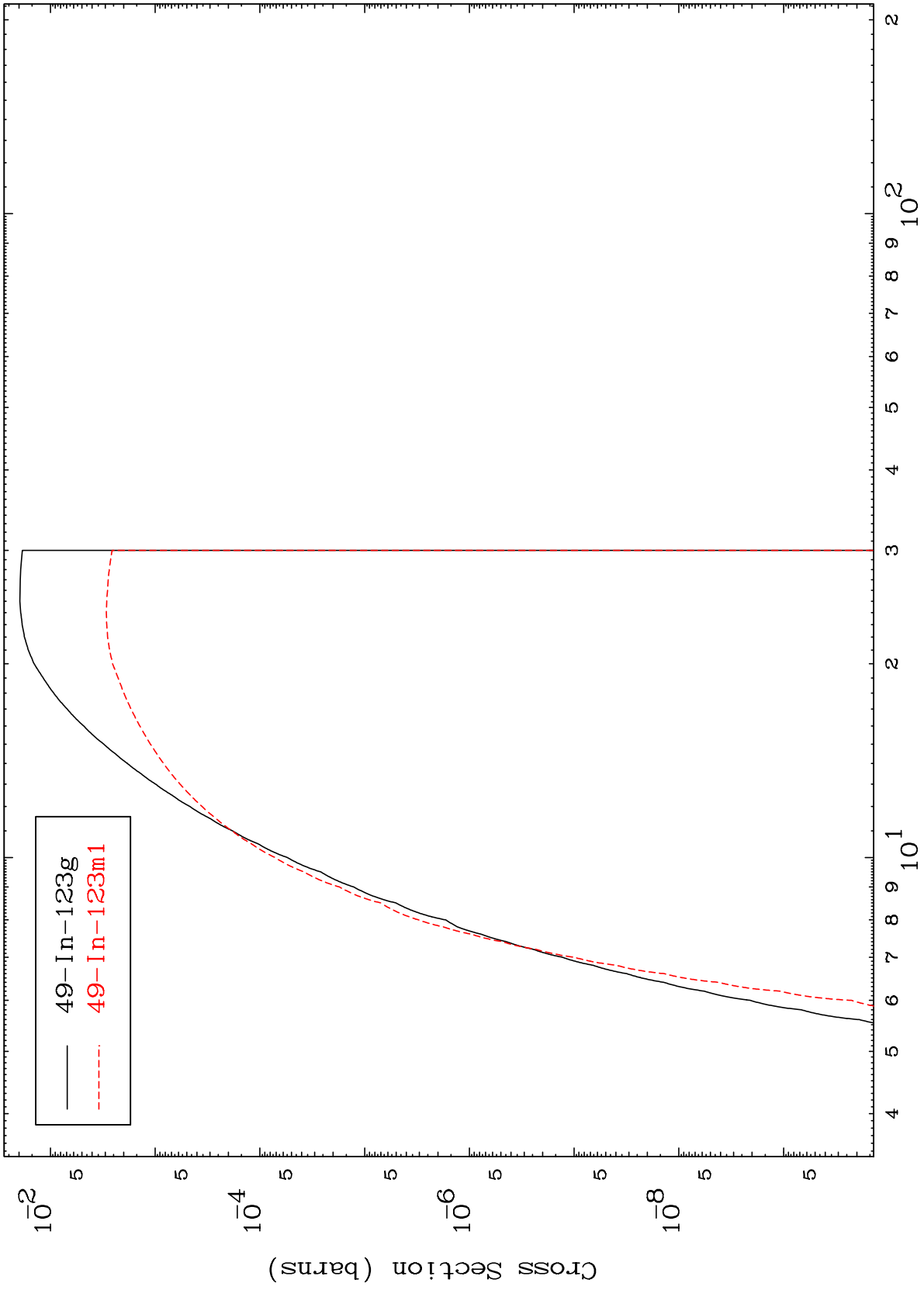
Incident Energy (MeV)

50-Sn-123

MAT 5058

Radionuclide Production Cross Section
(n,p)

50-Sn-123



136

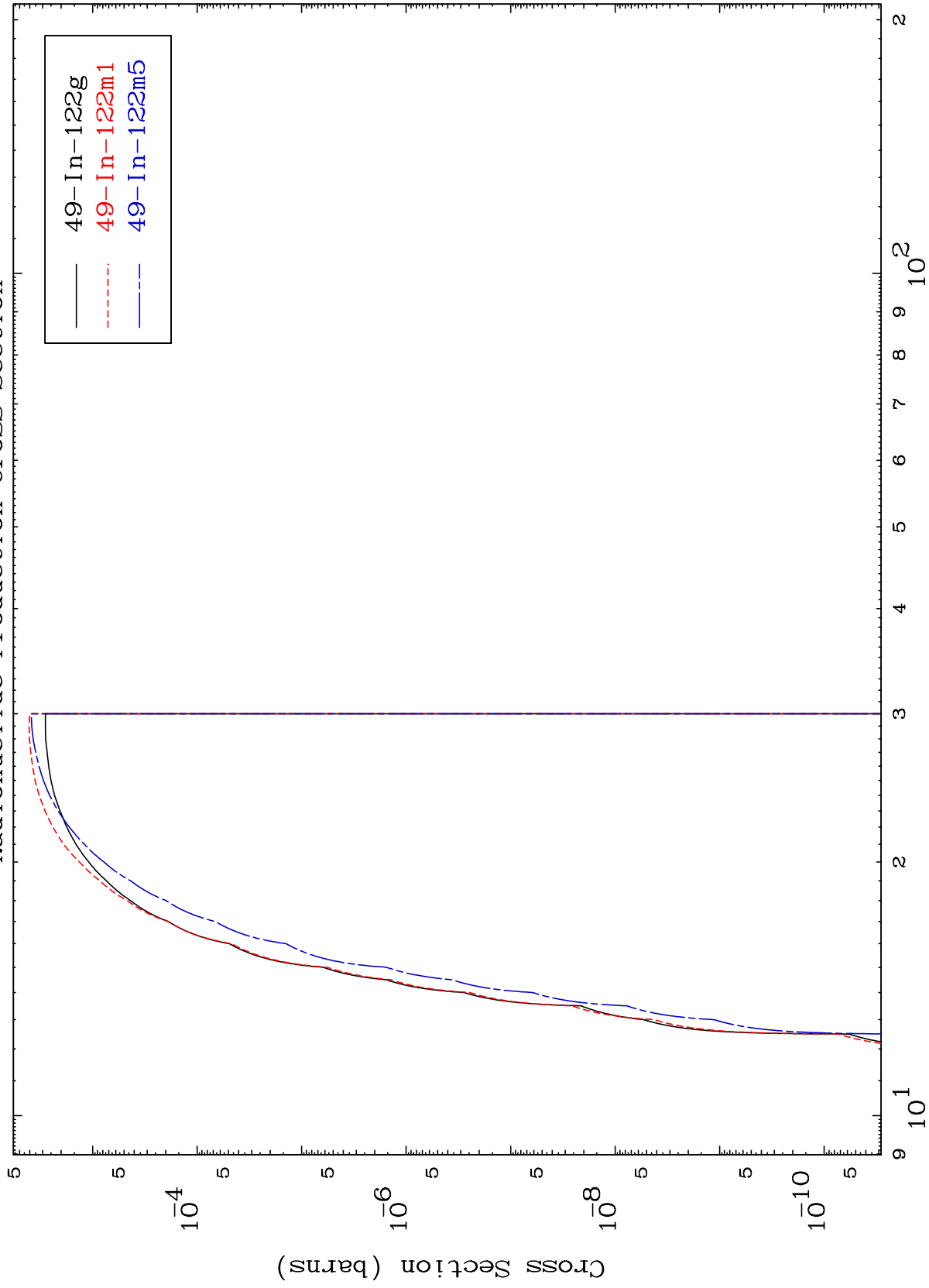
Incident Energy (MeV)

50-Sn-123

MAT 5058

50-Sn-123

(n,d)
Radionuclide Production Cross Section



137

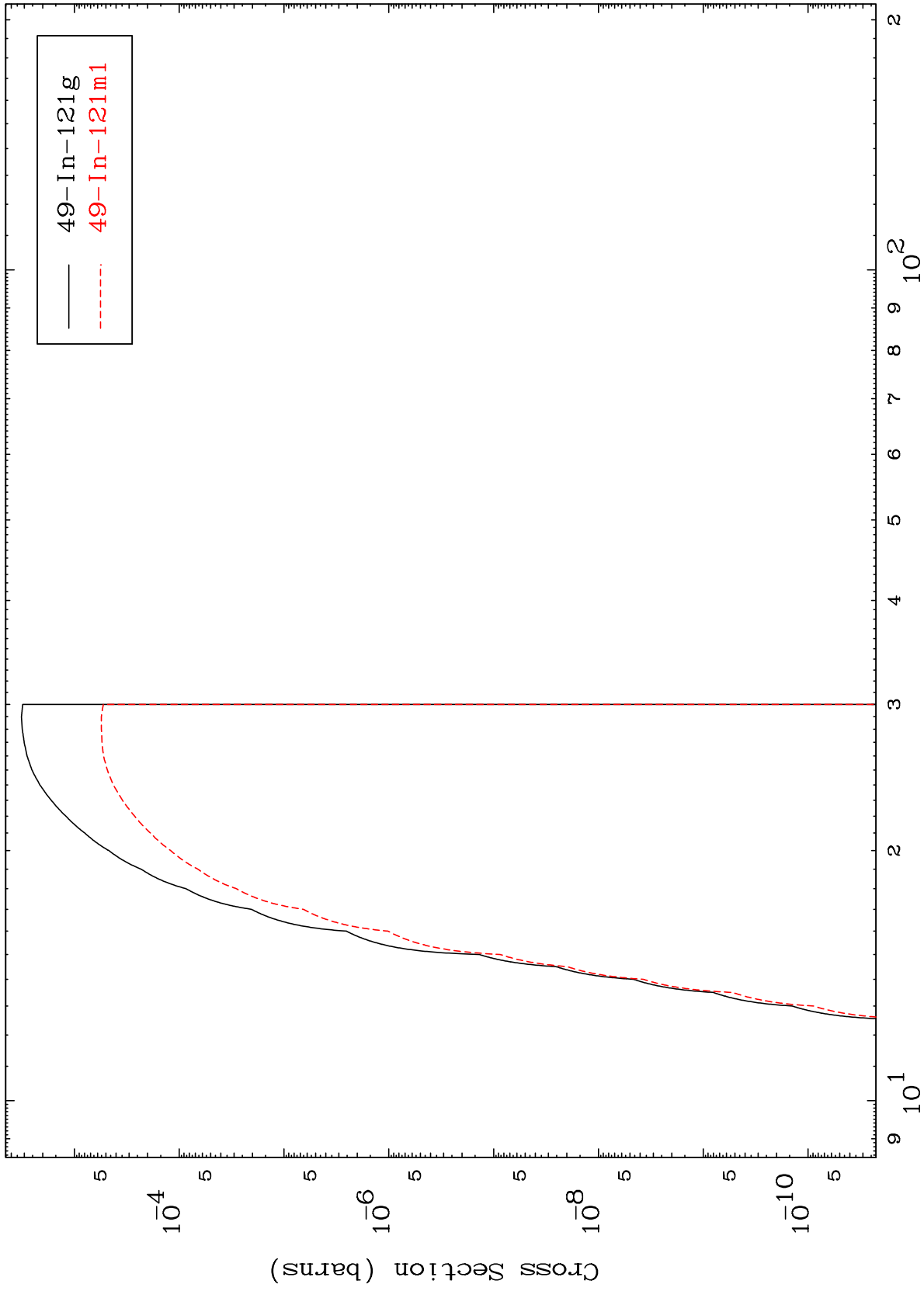
Incident Energy (MeV)

50-Sn-123

MAT 5058

50-Sn-123

(n, t)
Radionuclide Production Cross Section



138

Incident Energy (MeV)

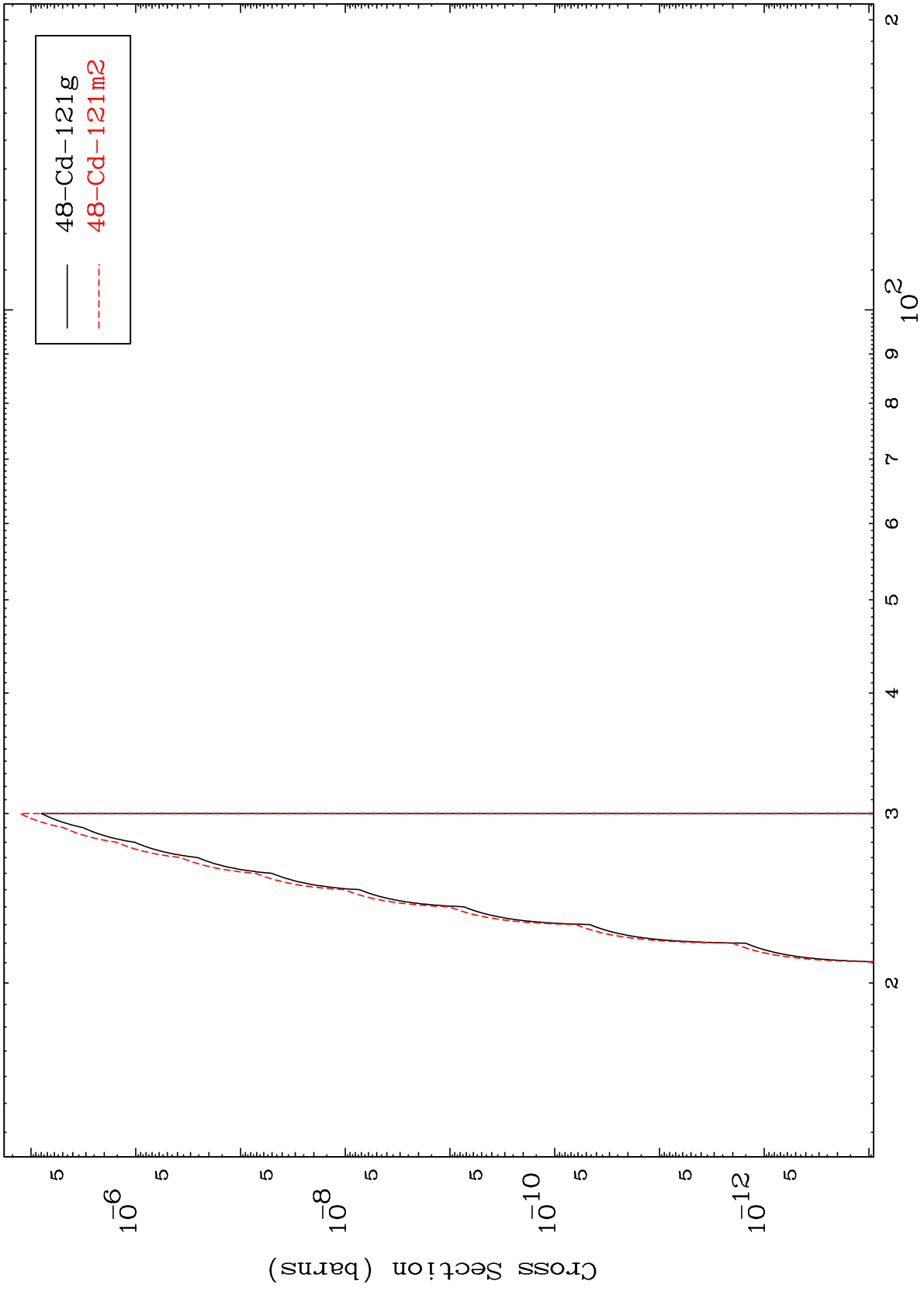
50-Sn-123

MAT 5058

(n, He-3)

50-Sn-123

Radionuclide Production Cross Section



139

Incident Energy (MeV)

50-Sn-123