

Program EVALPLOT
(Version 2018-1)

by

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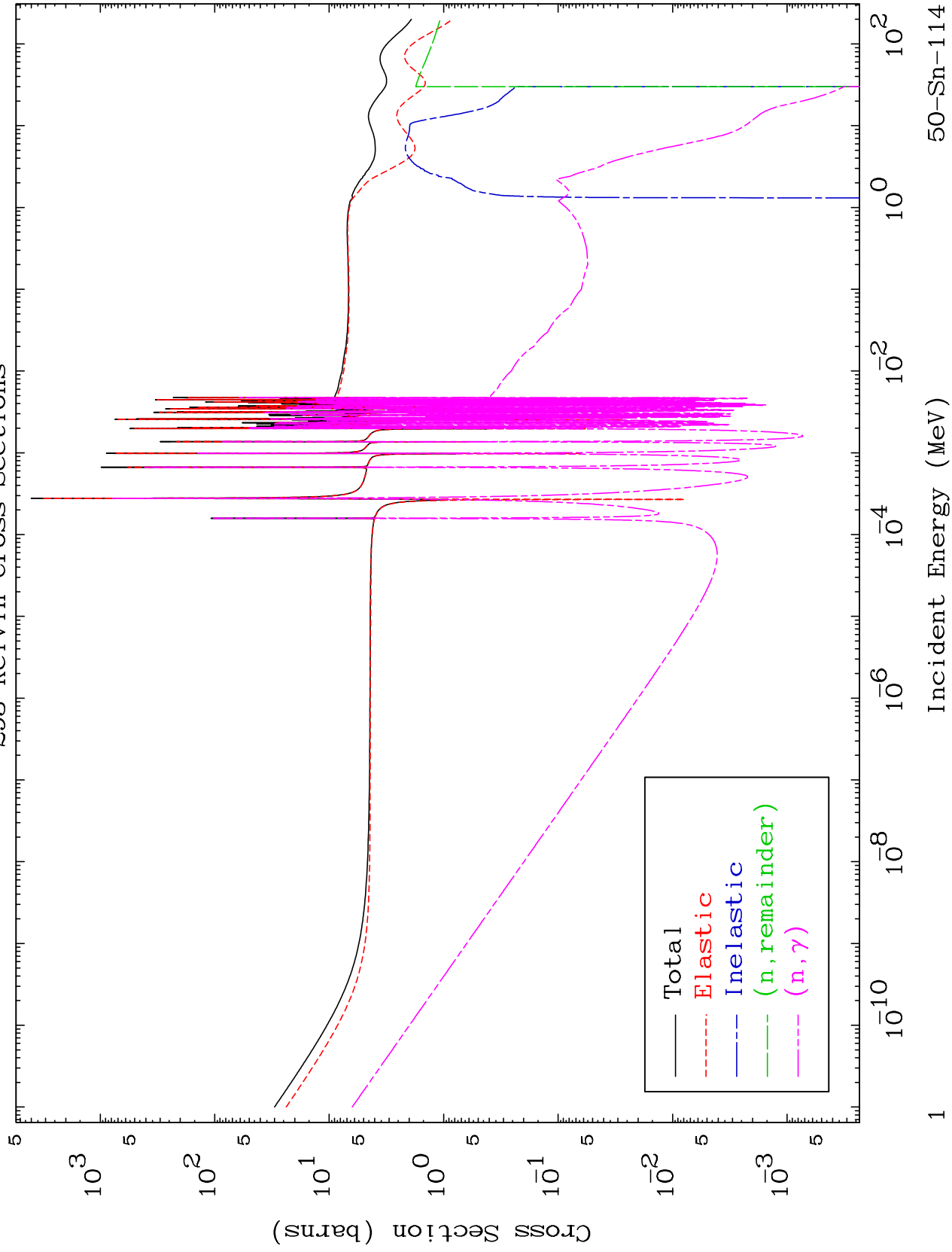
Press Mouse Button to Start

MAT 5031

Major

293 Kelvin Cross Sections

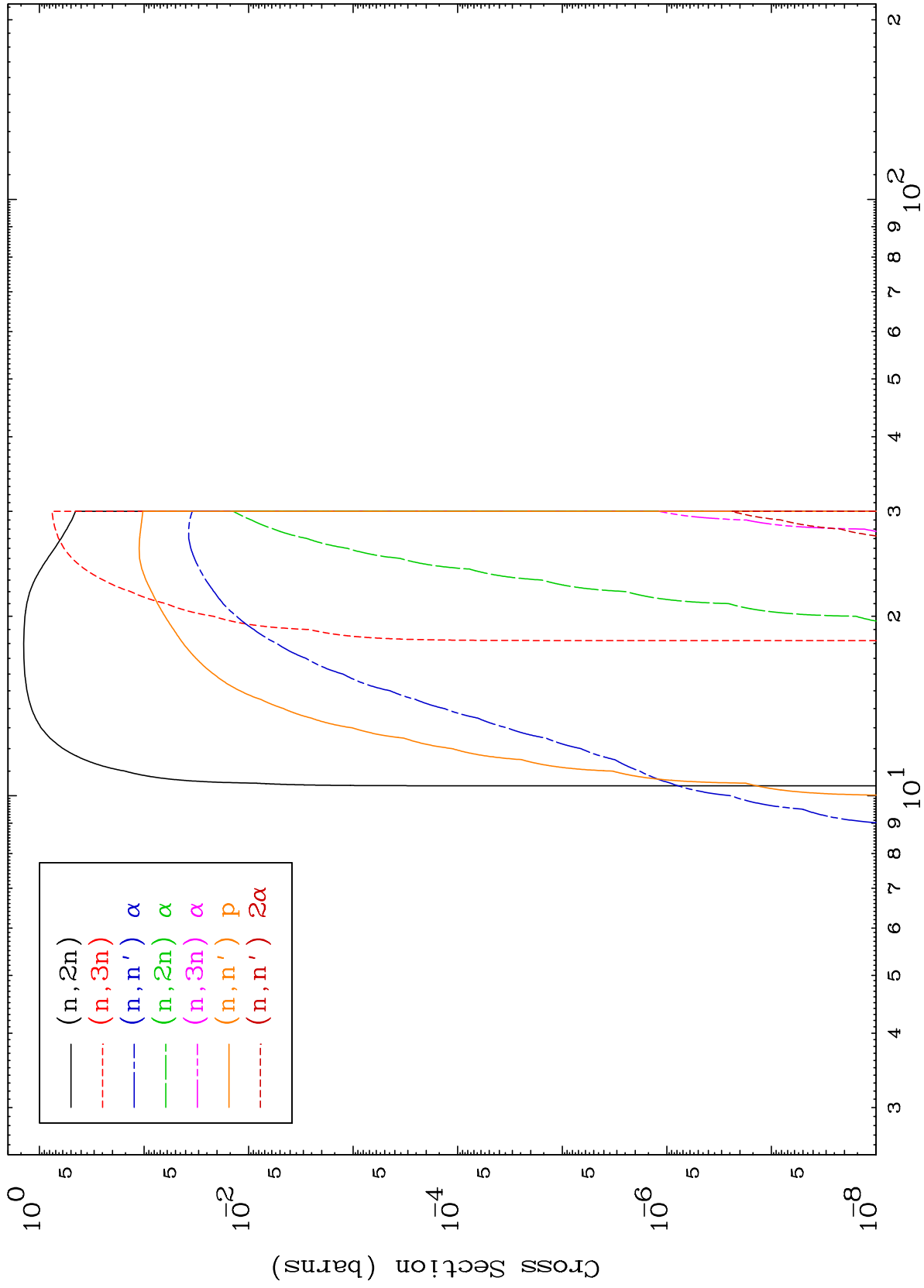
50-Sn-114



MAT 5031

Neutron Production
293 Kelvin Cross Sections

50-Sn-114



2

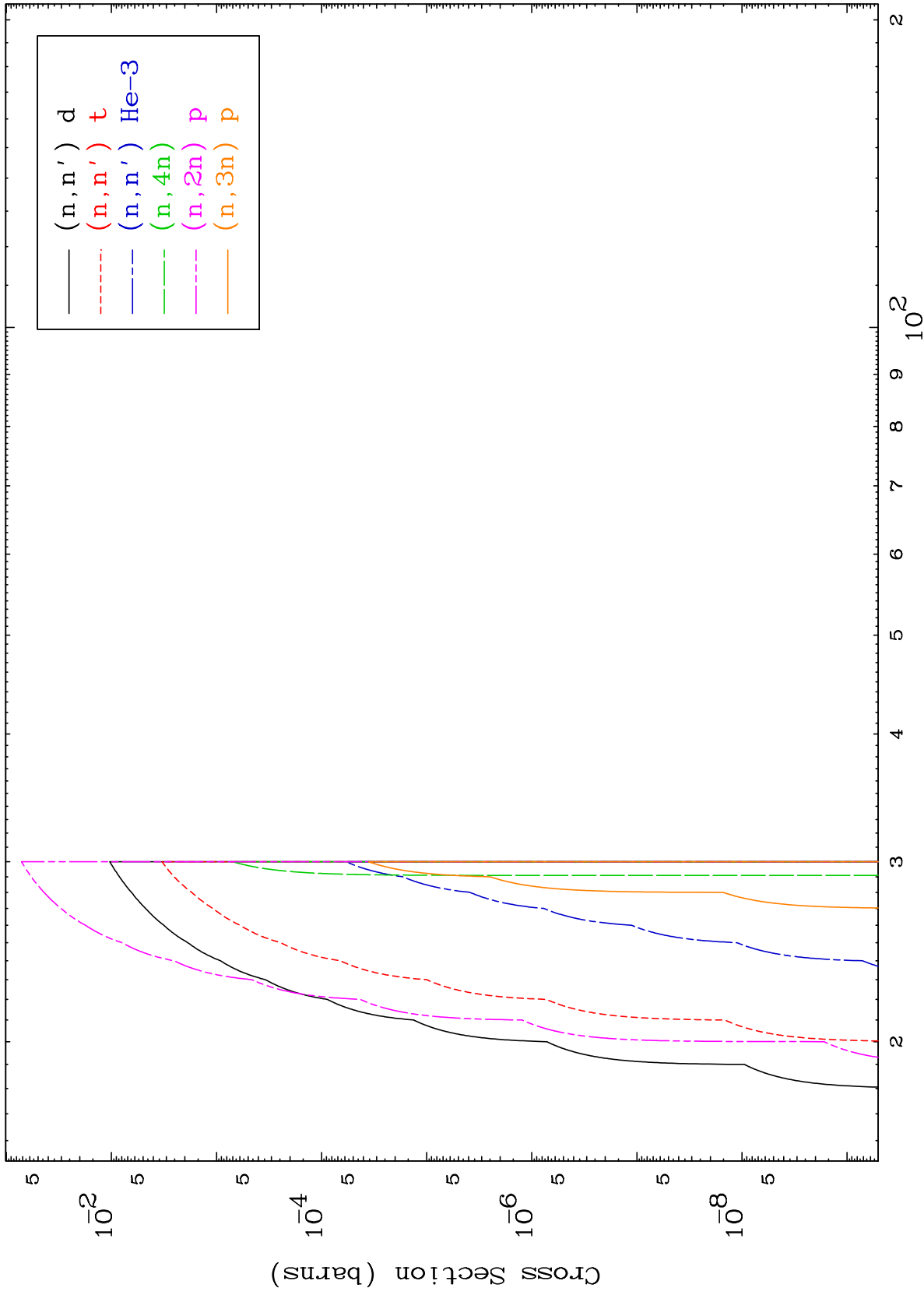
Incident Energy (MeV)

50-Sn-114

MAT 5031

Neutron Production
293 Kelvin Cross Sections

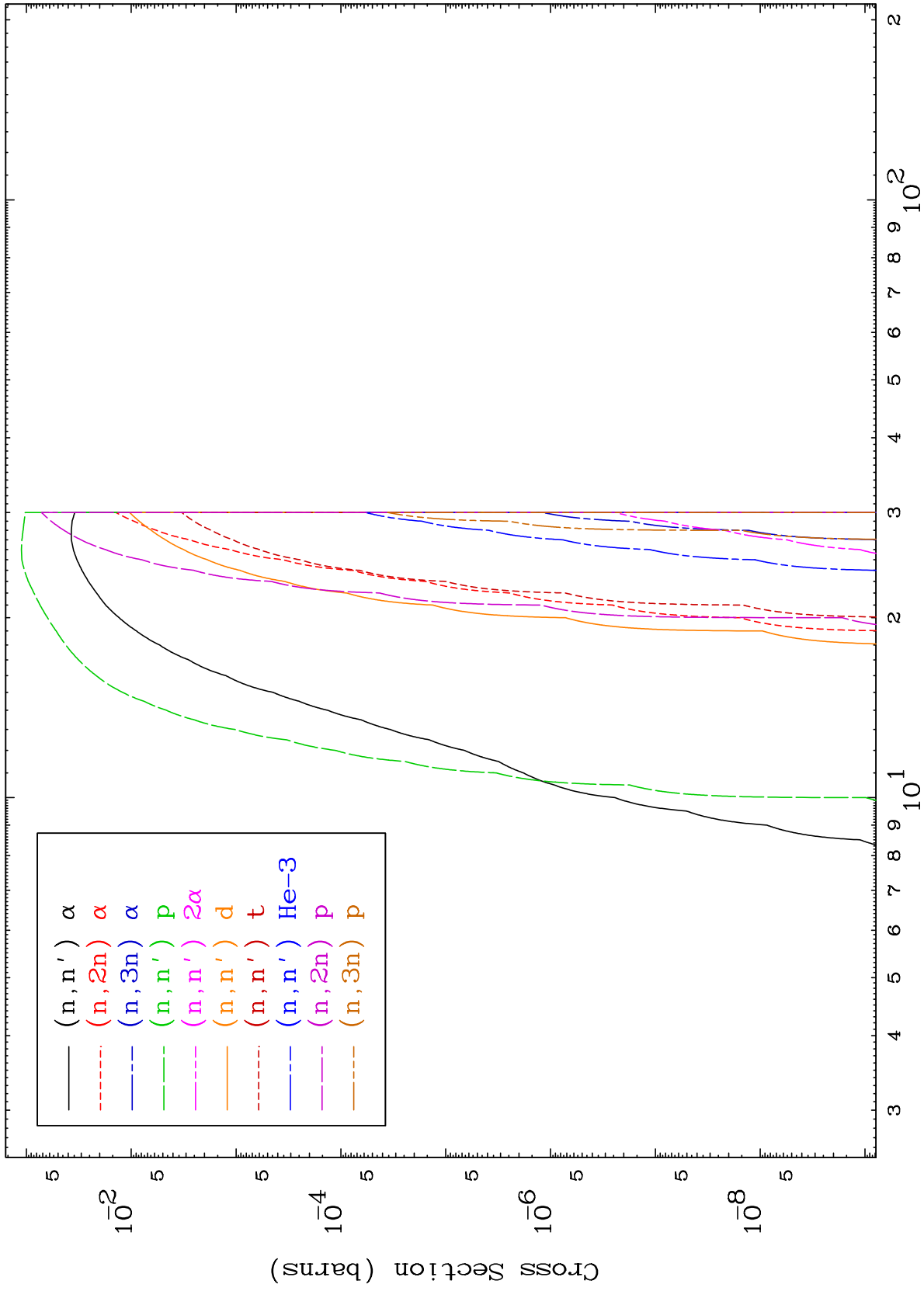
50-Sn-114



3

Incident Energy (MeV)

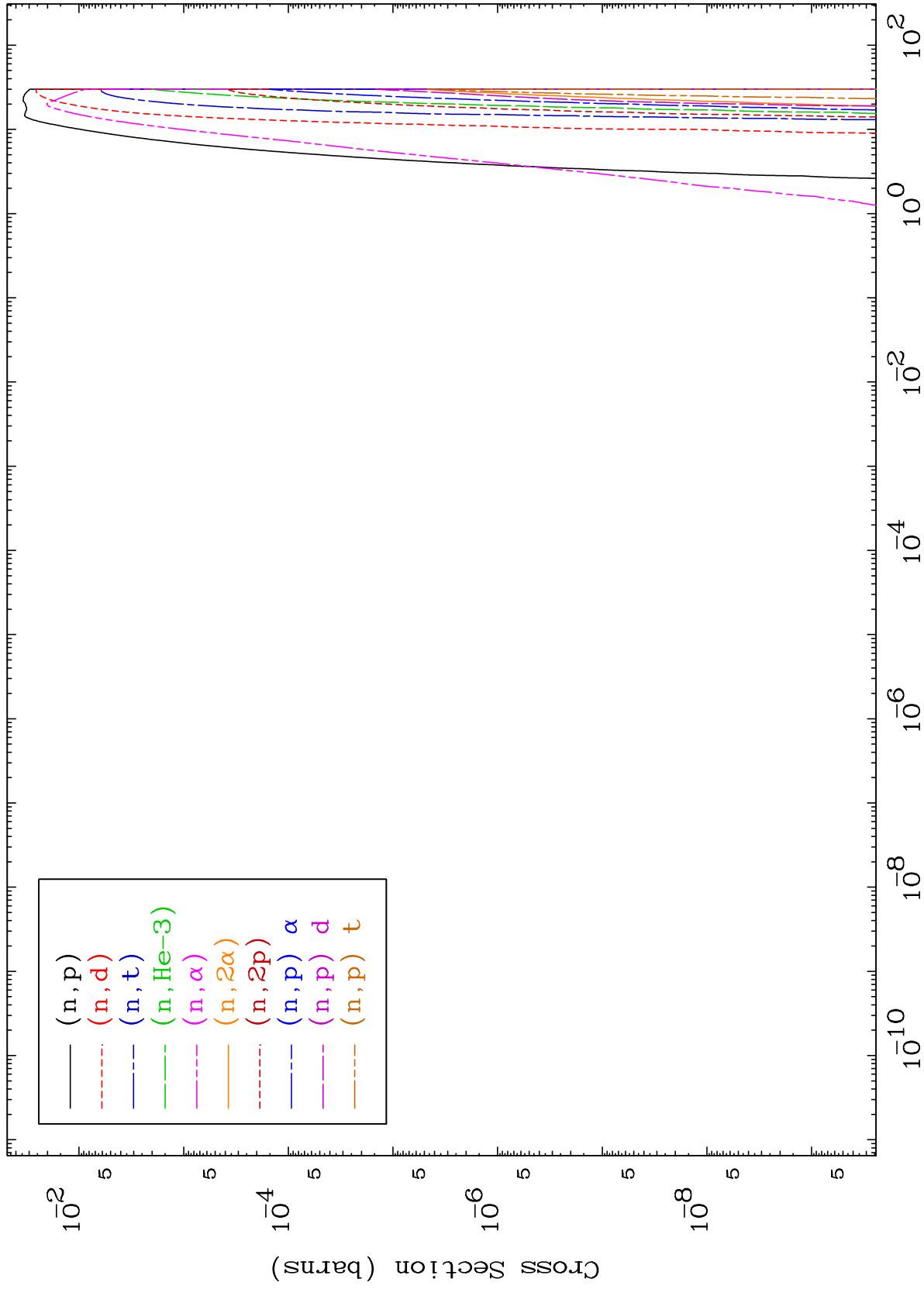
50-Sn-114



MAT 5031

293 Charged Particle
Kelvin Cross Sections

50-Sn-114



5

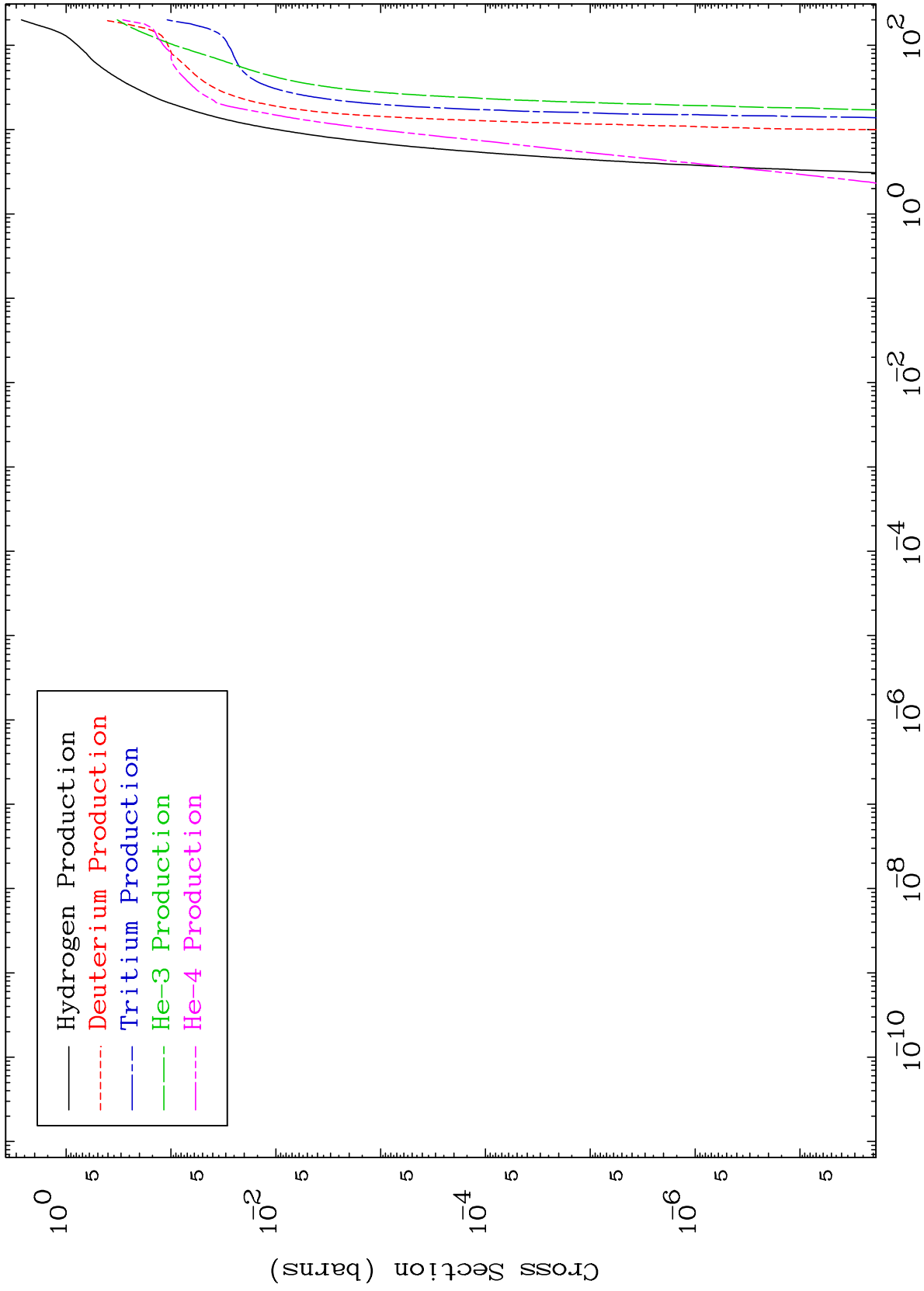
Incident Energy (MeV)

50-Sn-114

MAT 5031

Particle Production
293 Kelvin Cross Sections

50-Sn-114



6

Incident Energy (MeV)

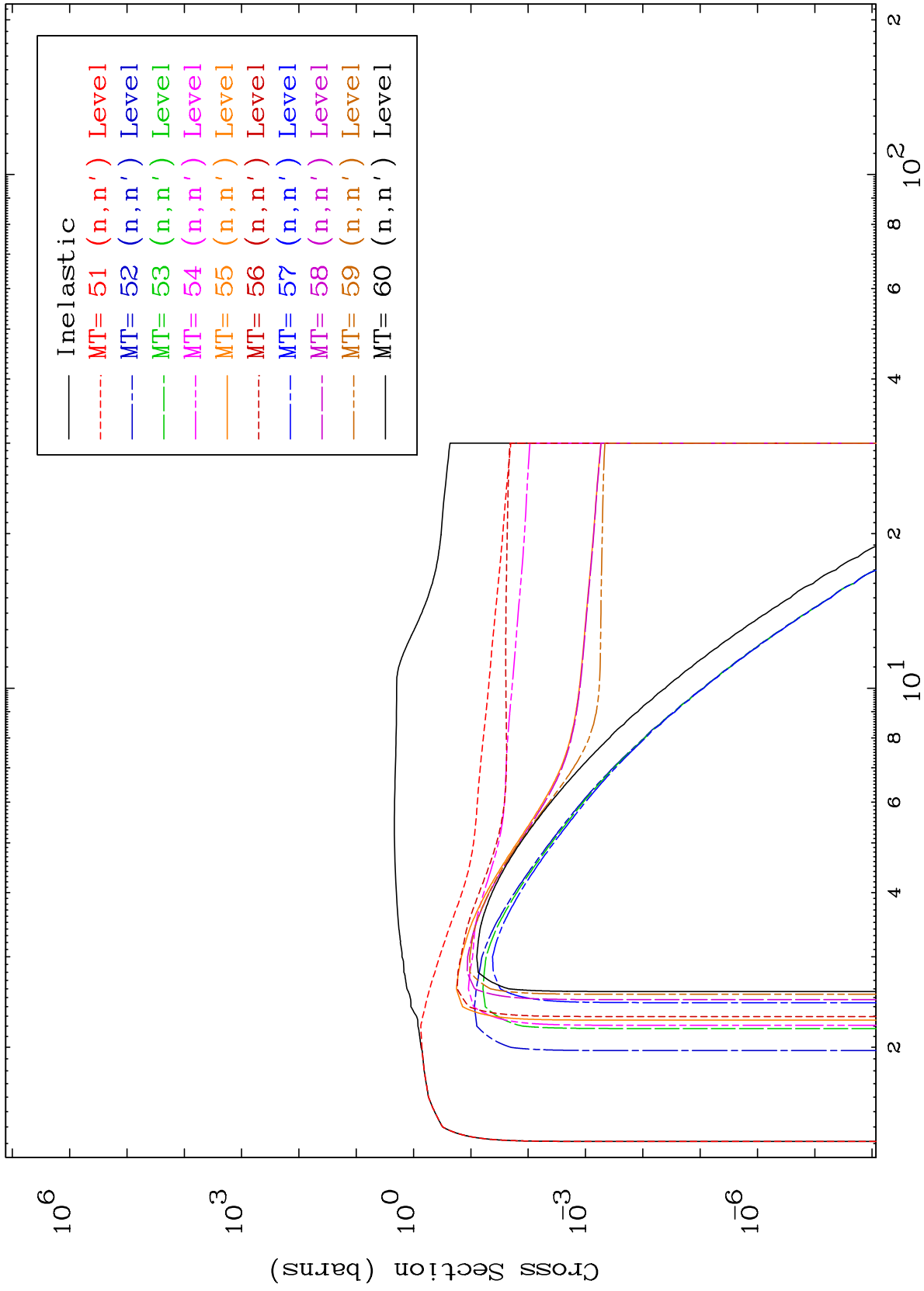
50-Sn-114

MAT 5031

(n,n') Level

50-Sn-114

293 Kelvin Cross Sections



7

Incident Energy (MeV)

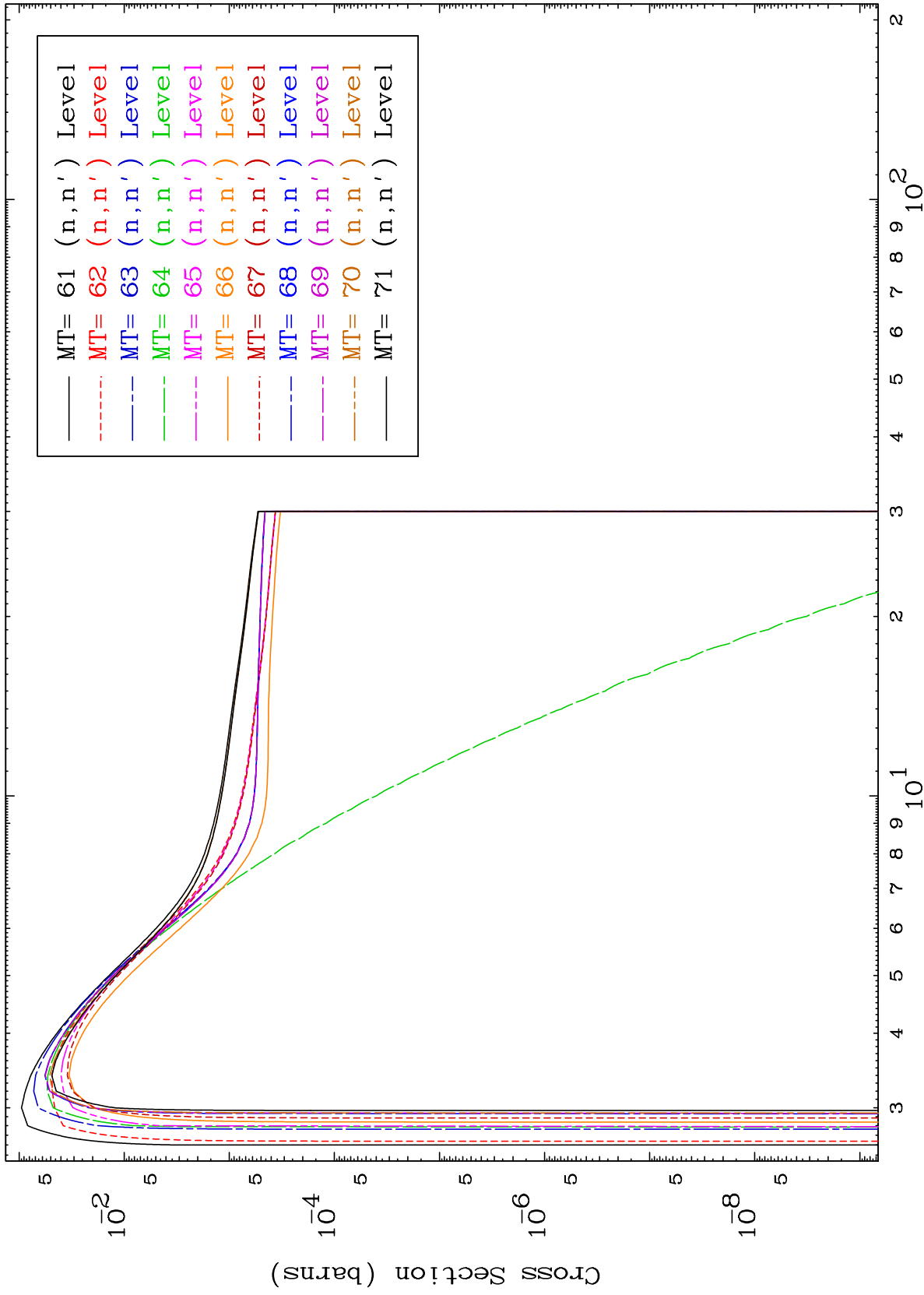
50-Sn-114

MAT 5031

(n,n') Level

293 Kelvin Cross Sections

50-Sn-114

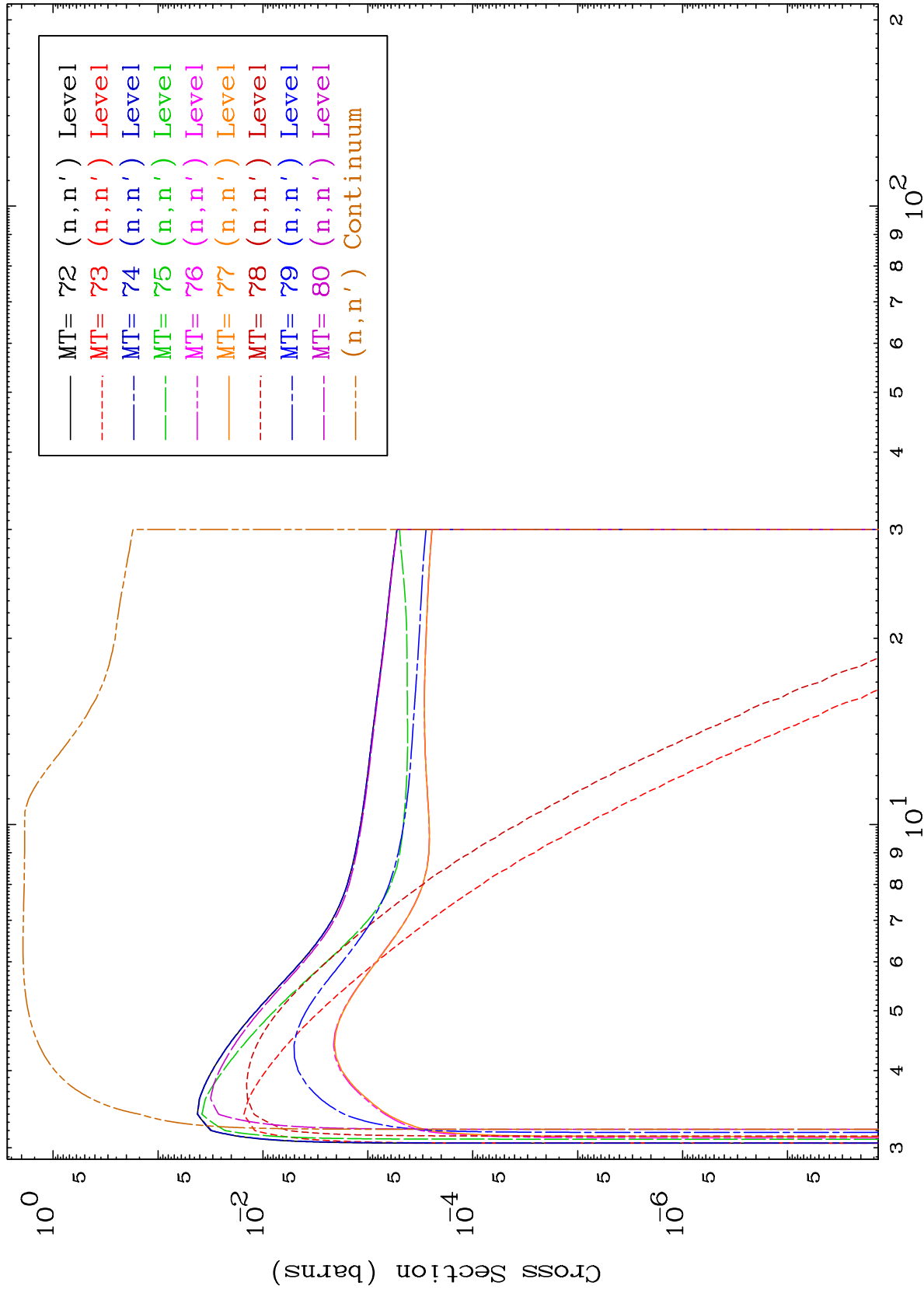


MAT 5031

(n,n') Level

50-Sn-114

293 Kelvin Cross Sections



9

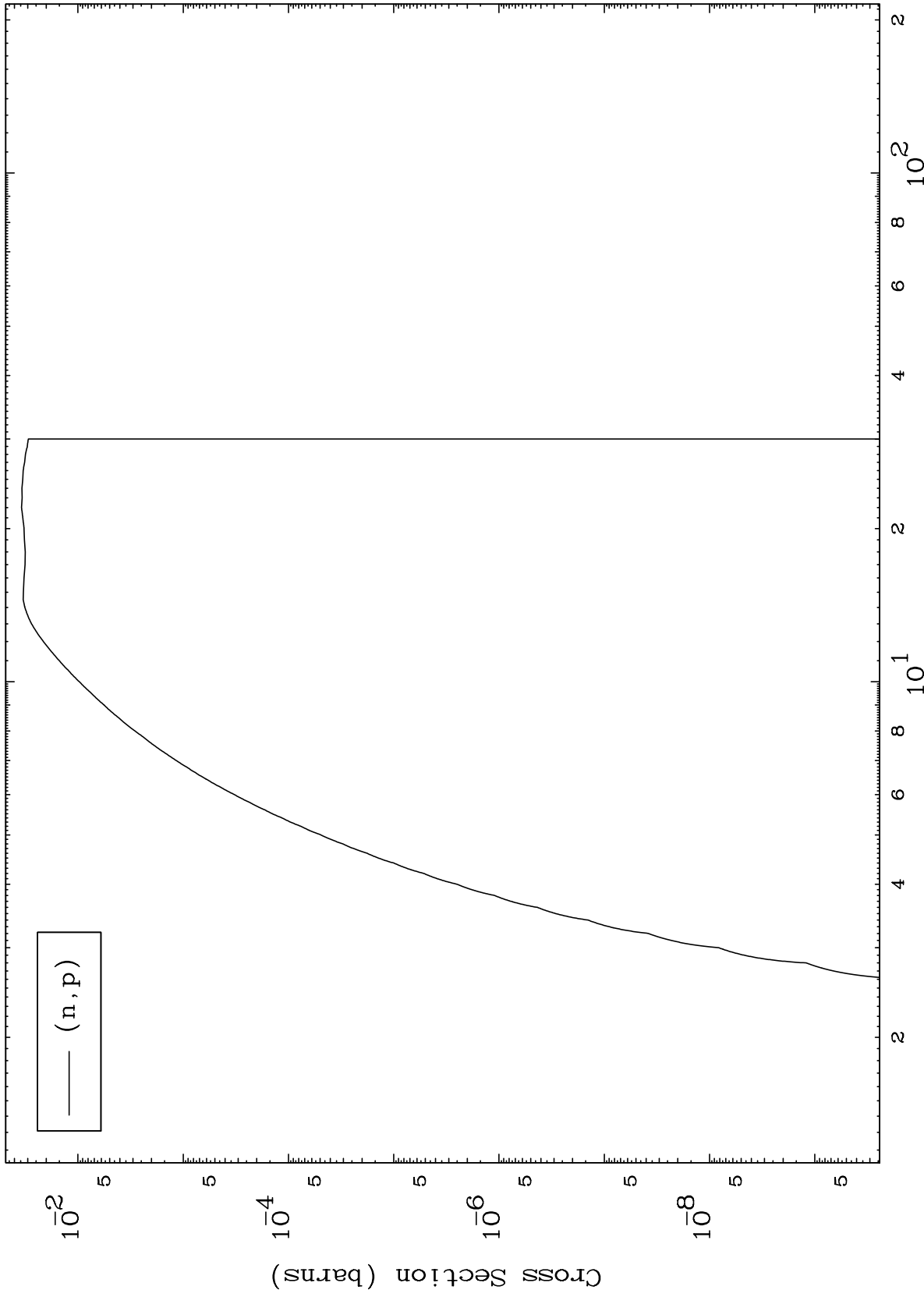
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-114



10

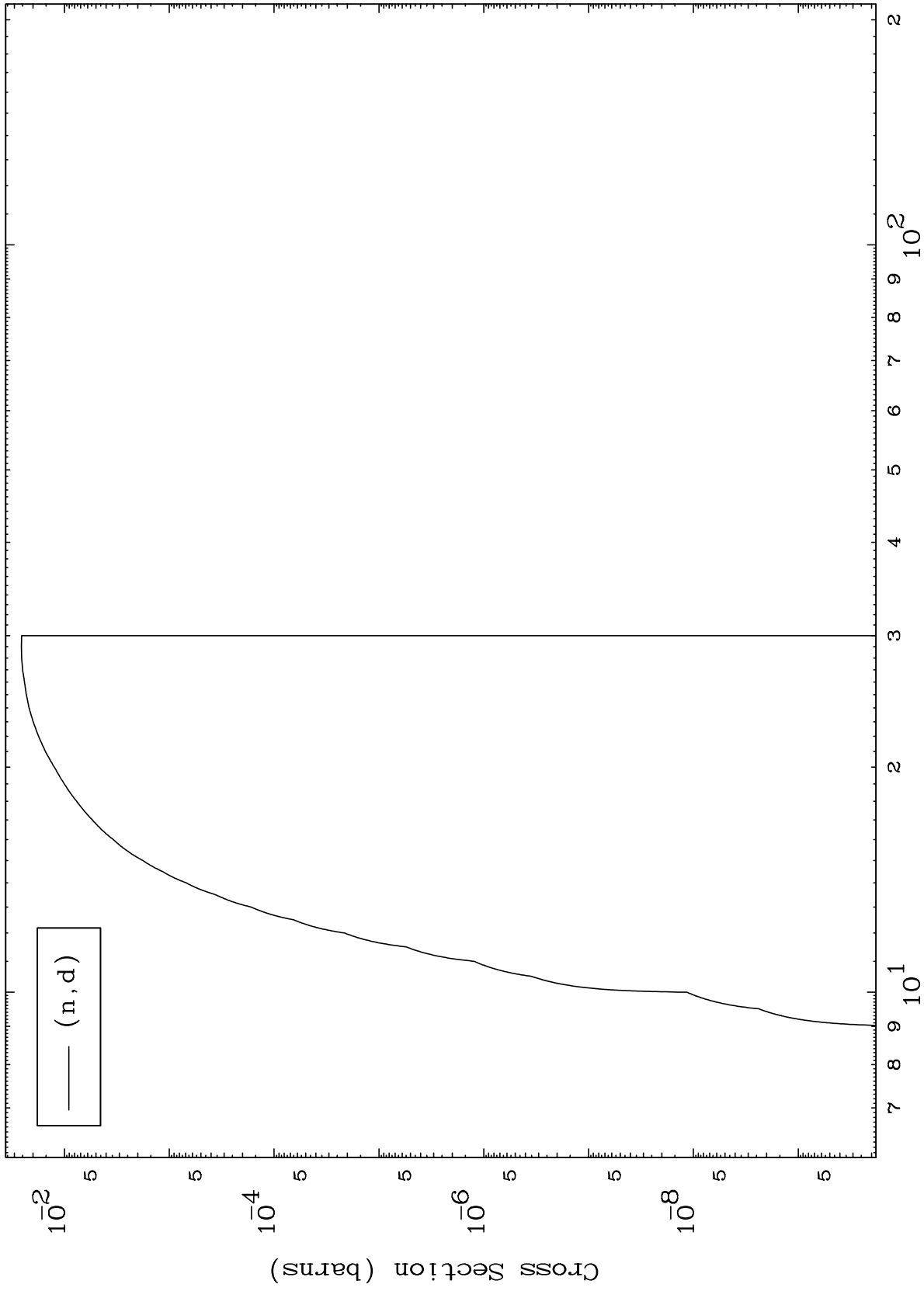
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-114



11

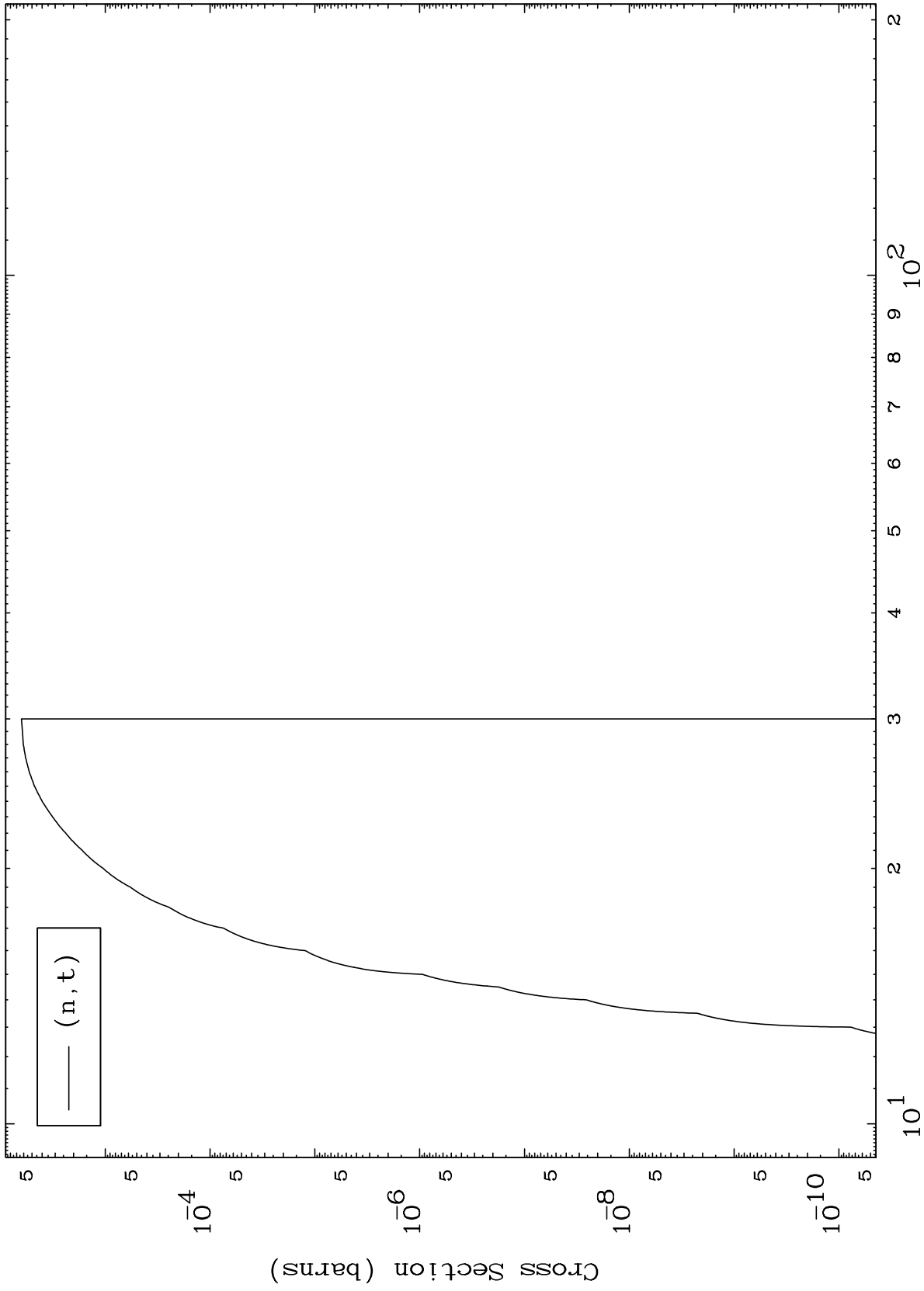
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-114



12

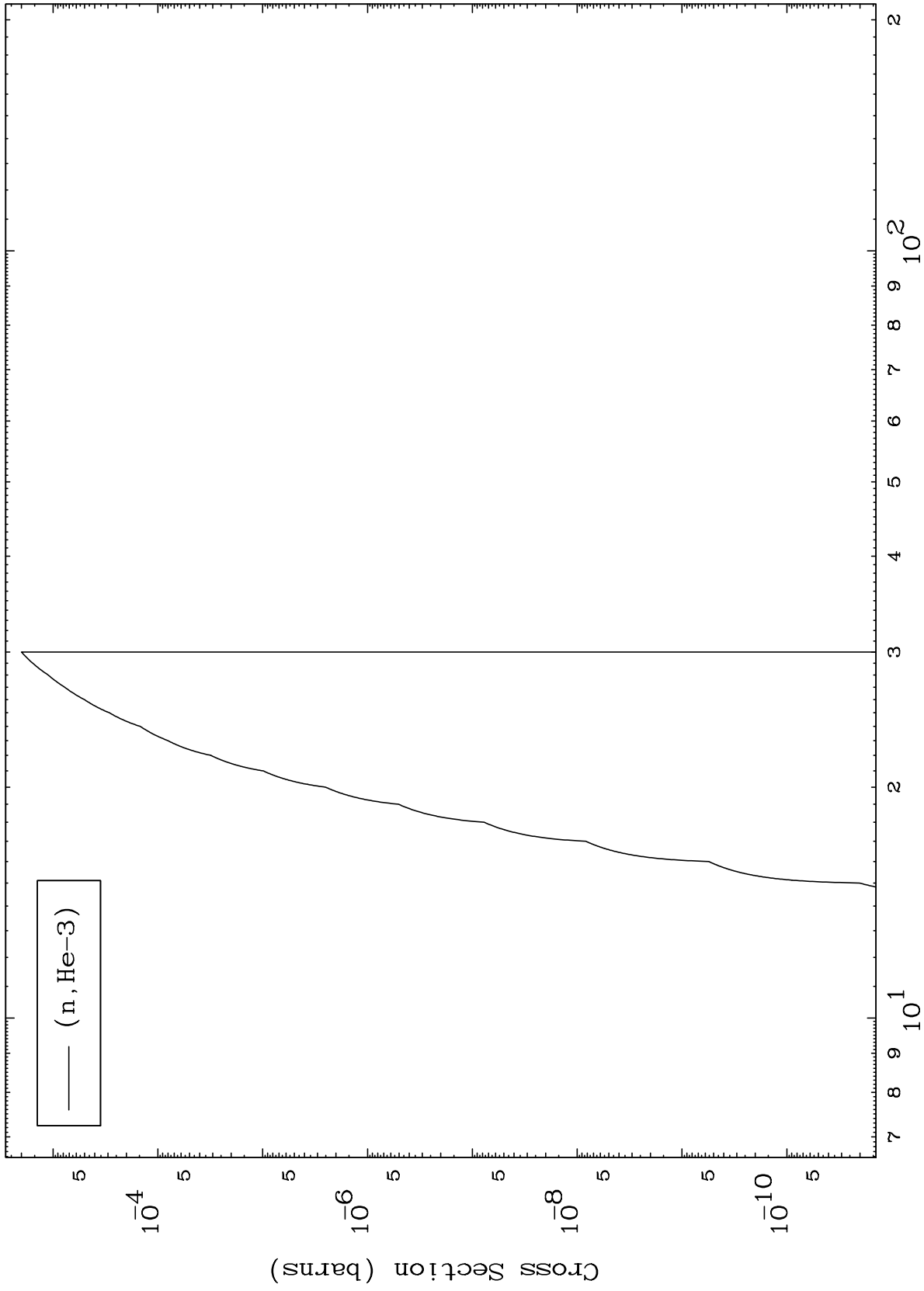
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,He3) Levels
293 Kelvin Cross Sections

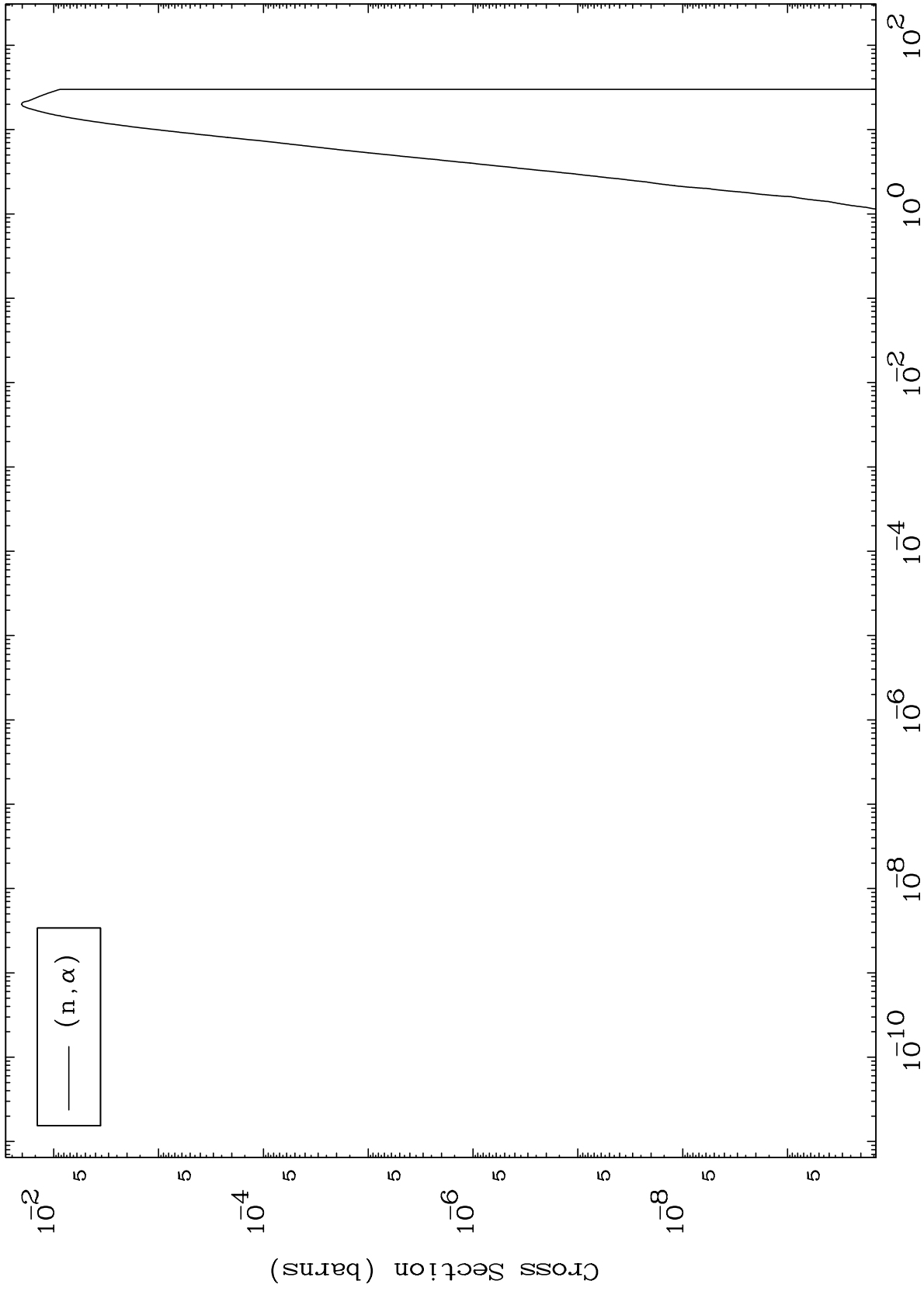
50-Sn-114

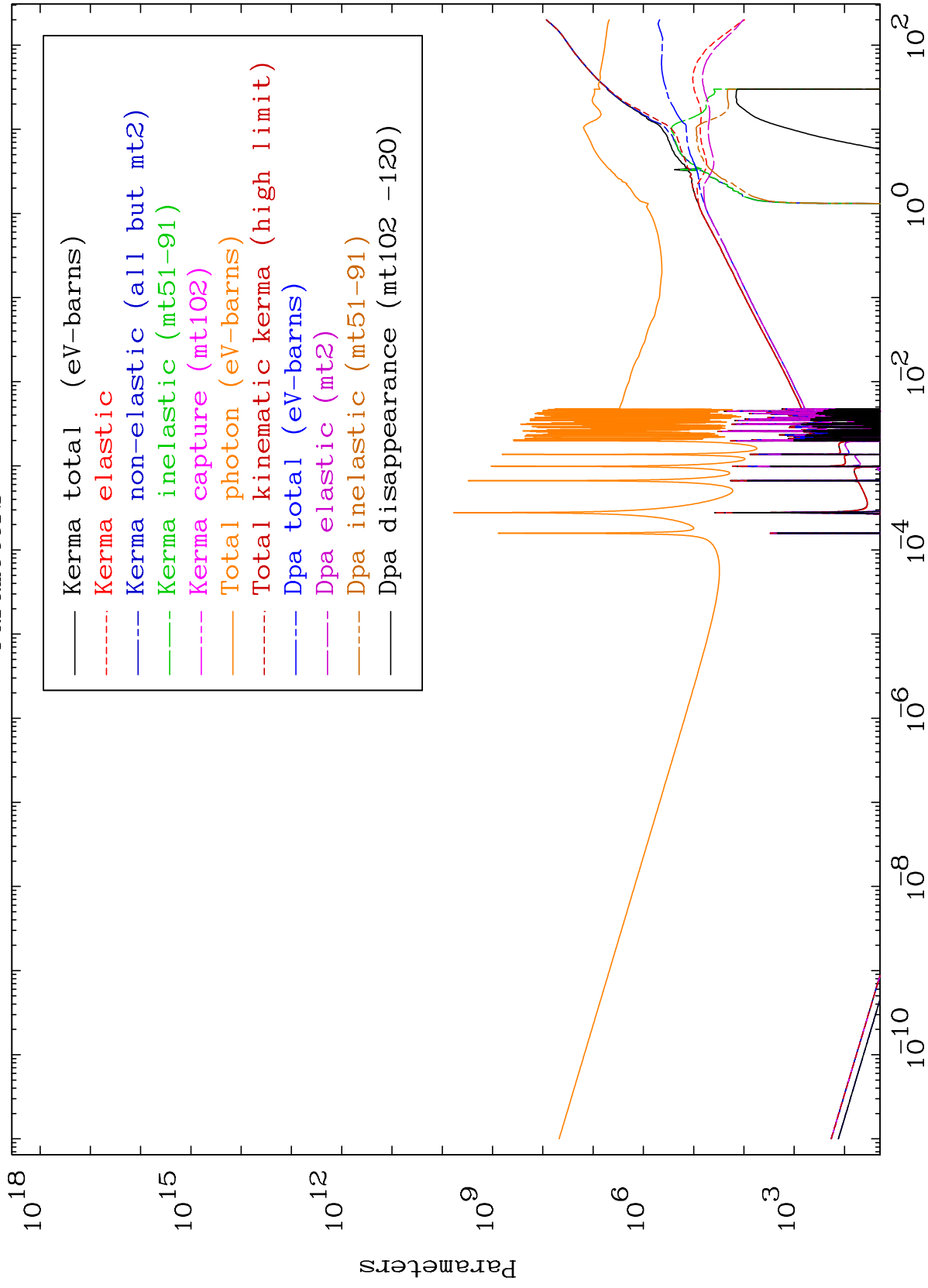


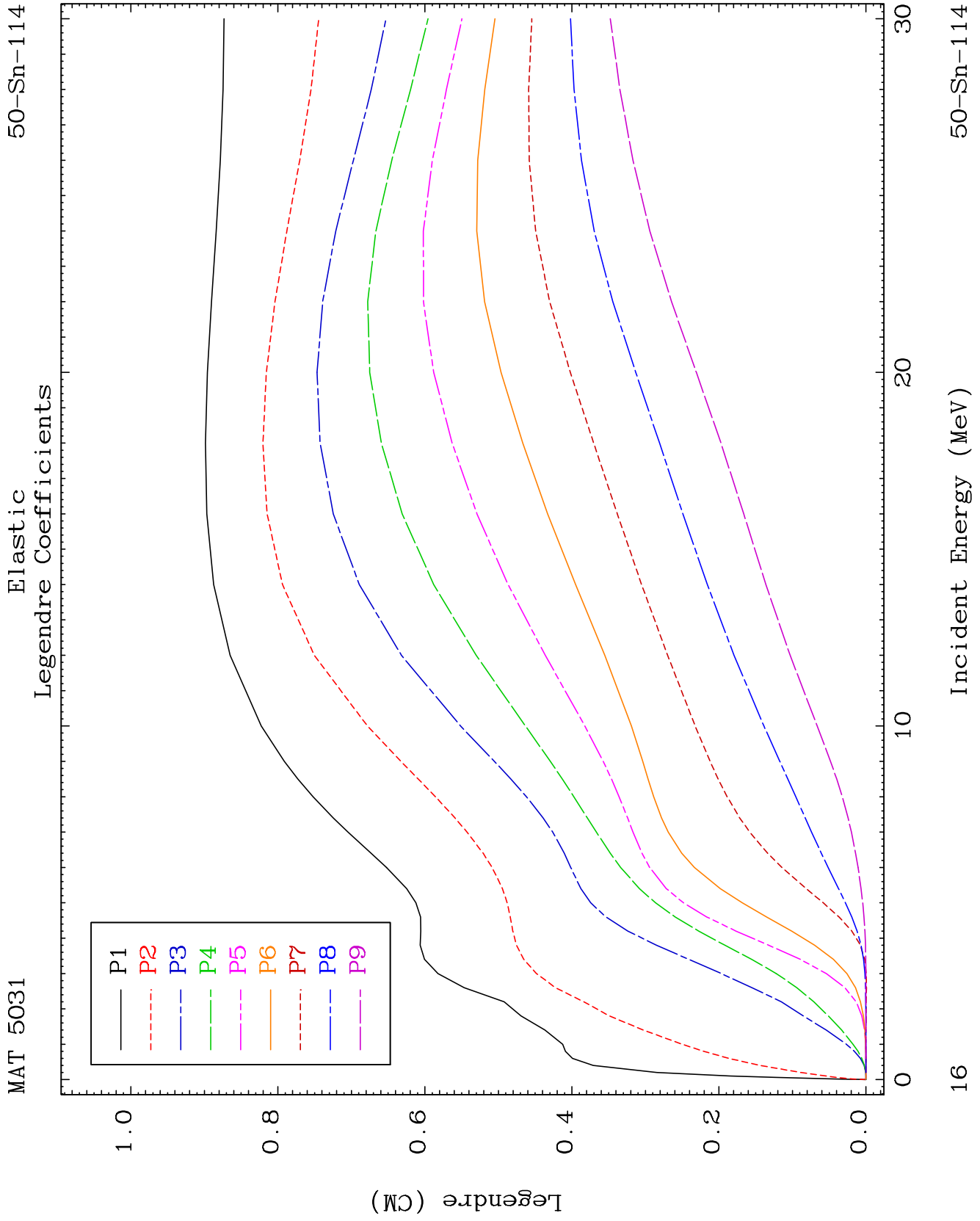
MAT 5031

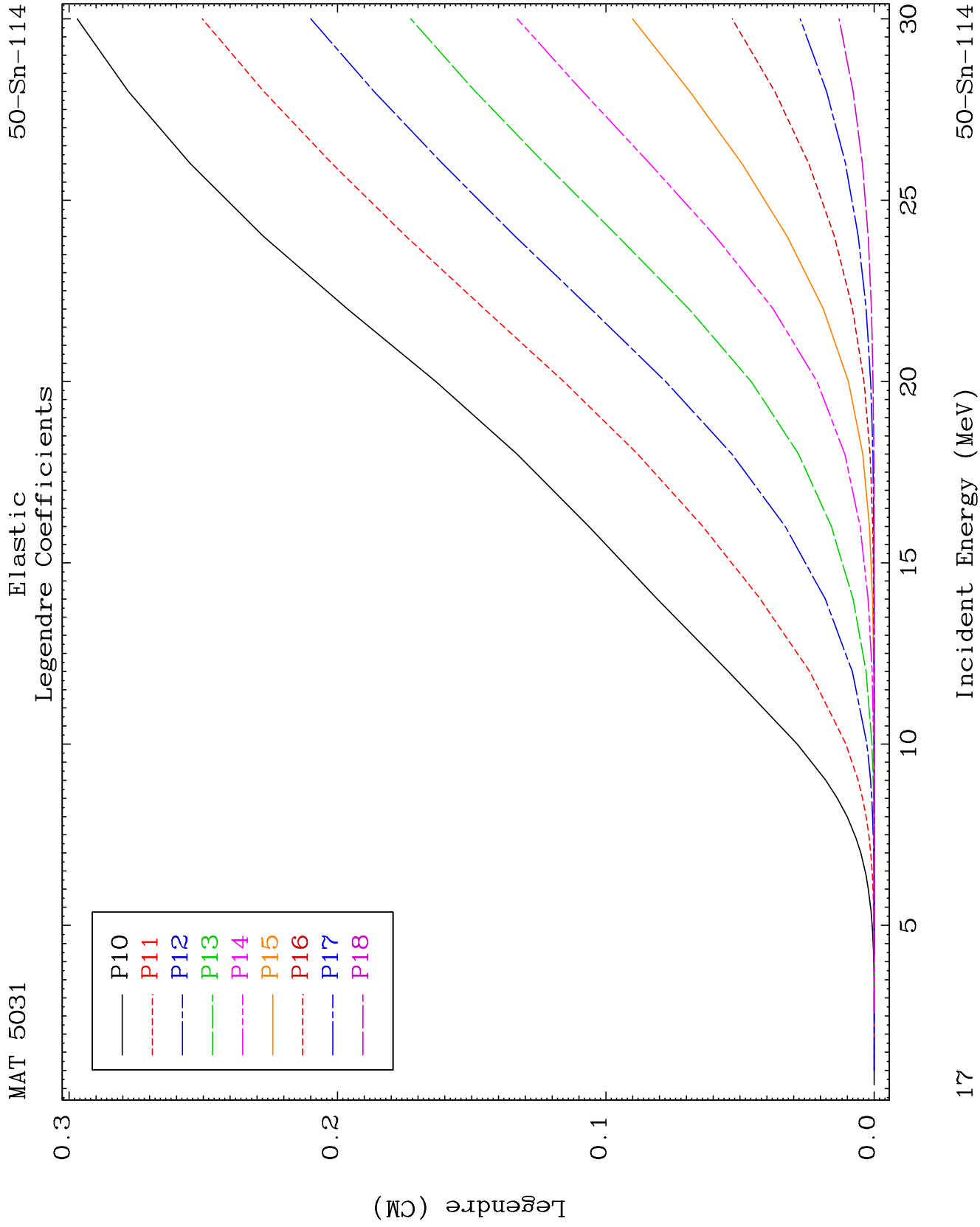
(n,α) Levels
293 Kelvin Cross Sections

50-Sn-114





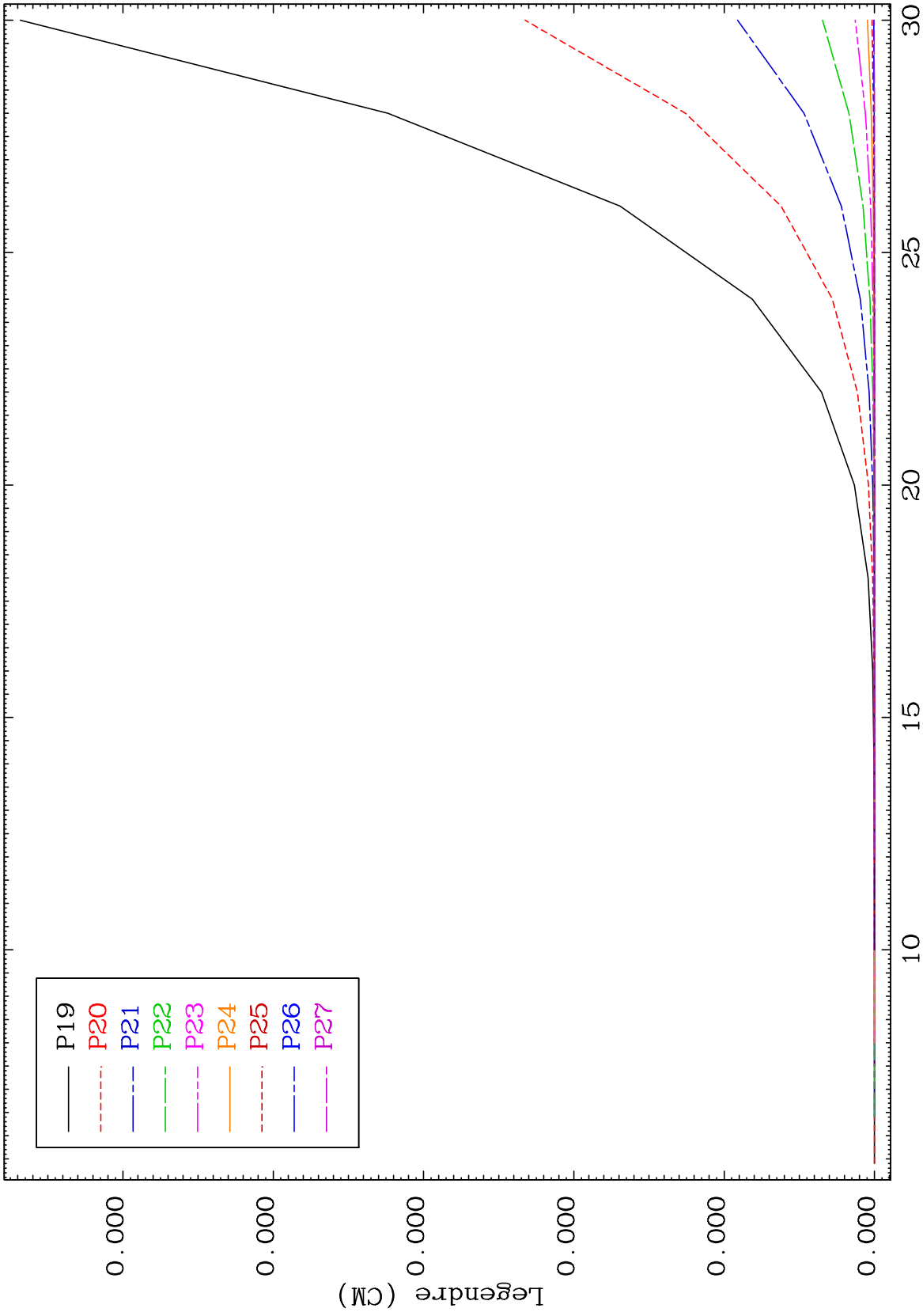




MAT 5031

Elastic Legendre Coefficients

50-Sn-114



18

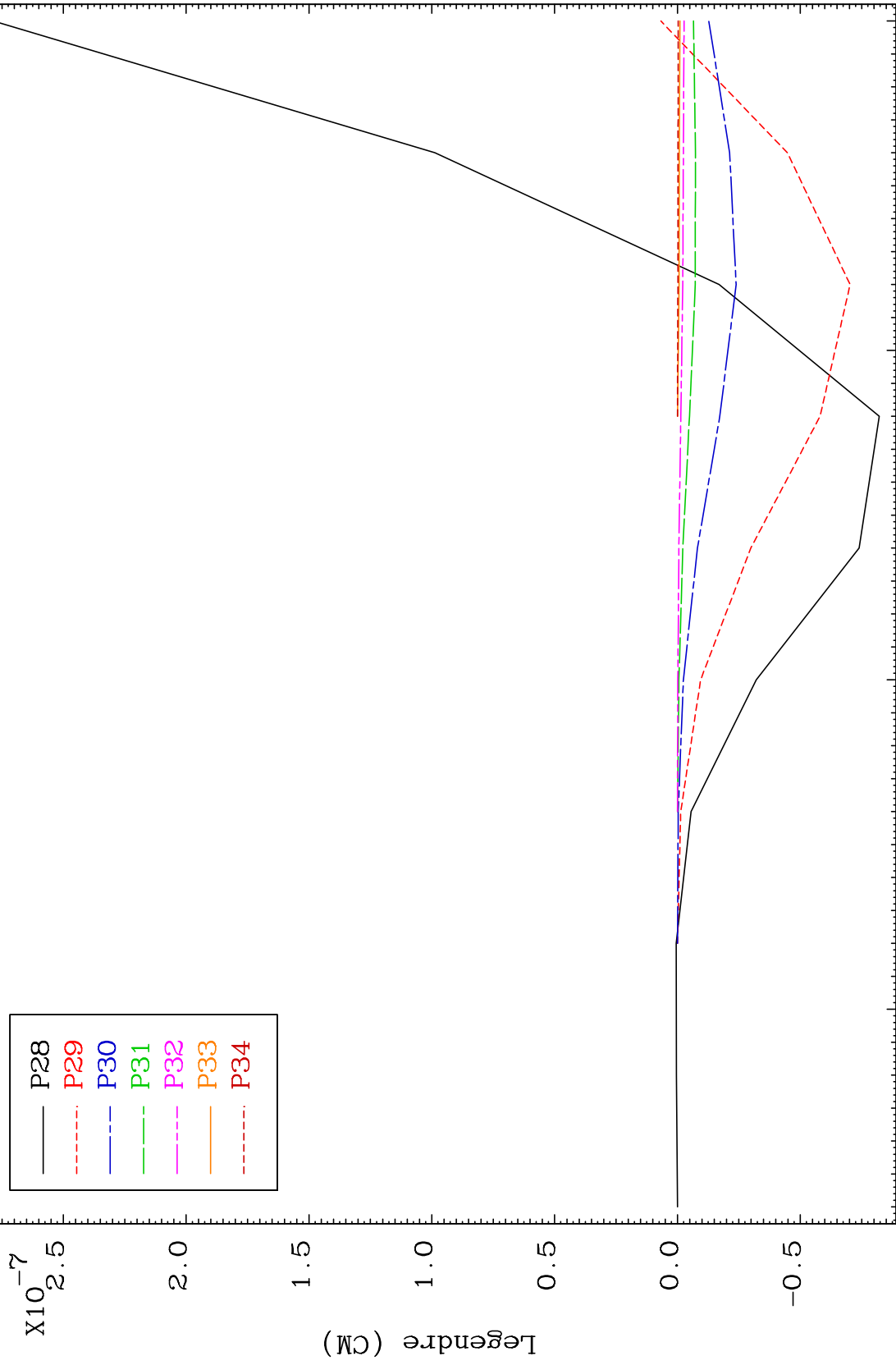
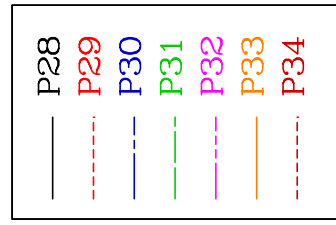
Incident Energy (MeV)

50-Sn-114

MAT 5031

Elastic Legendre Coefficients

50-Sn-114

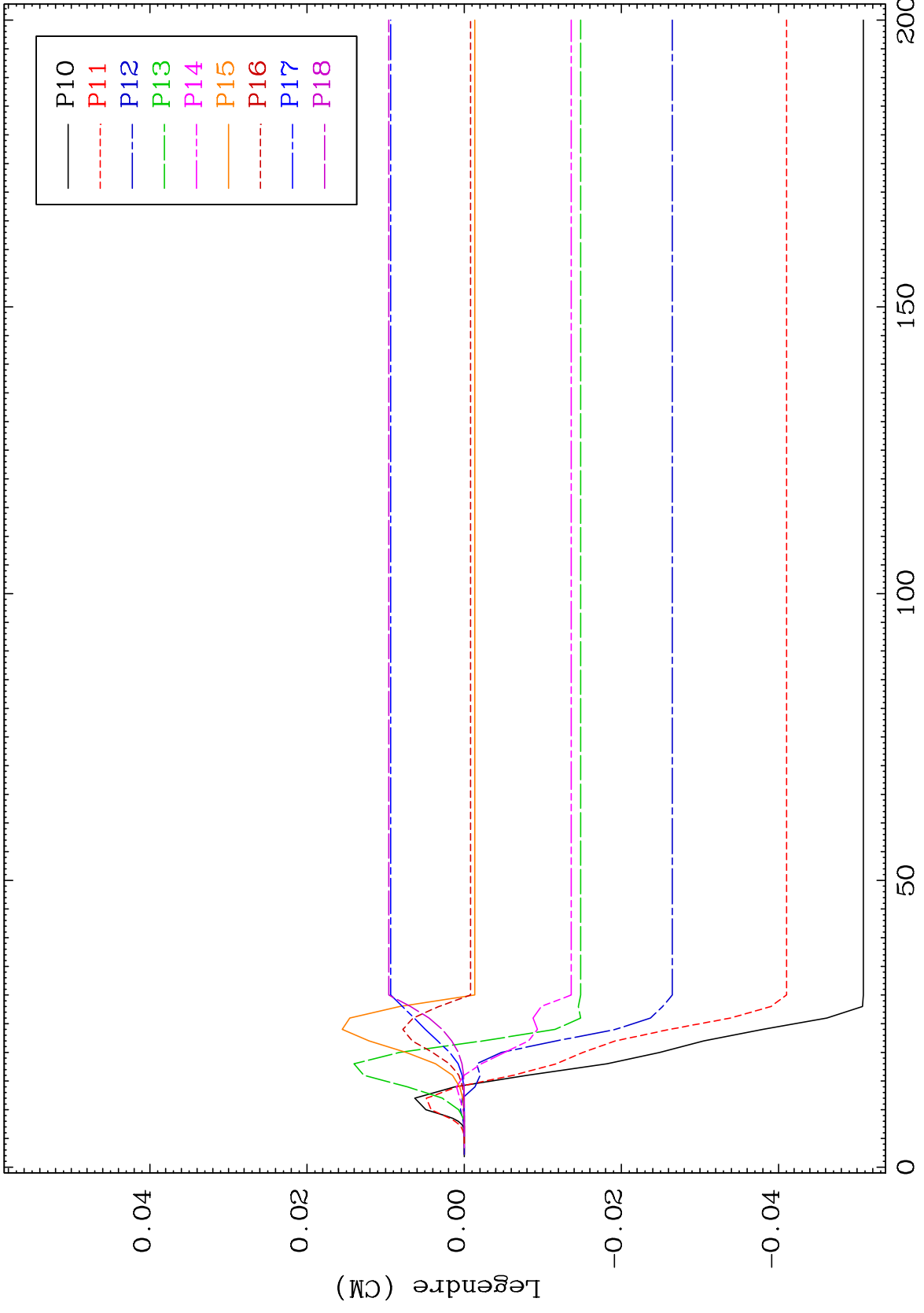


19

Incident Energy (MeV)

50-Sn-114

MAT 5031 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-114

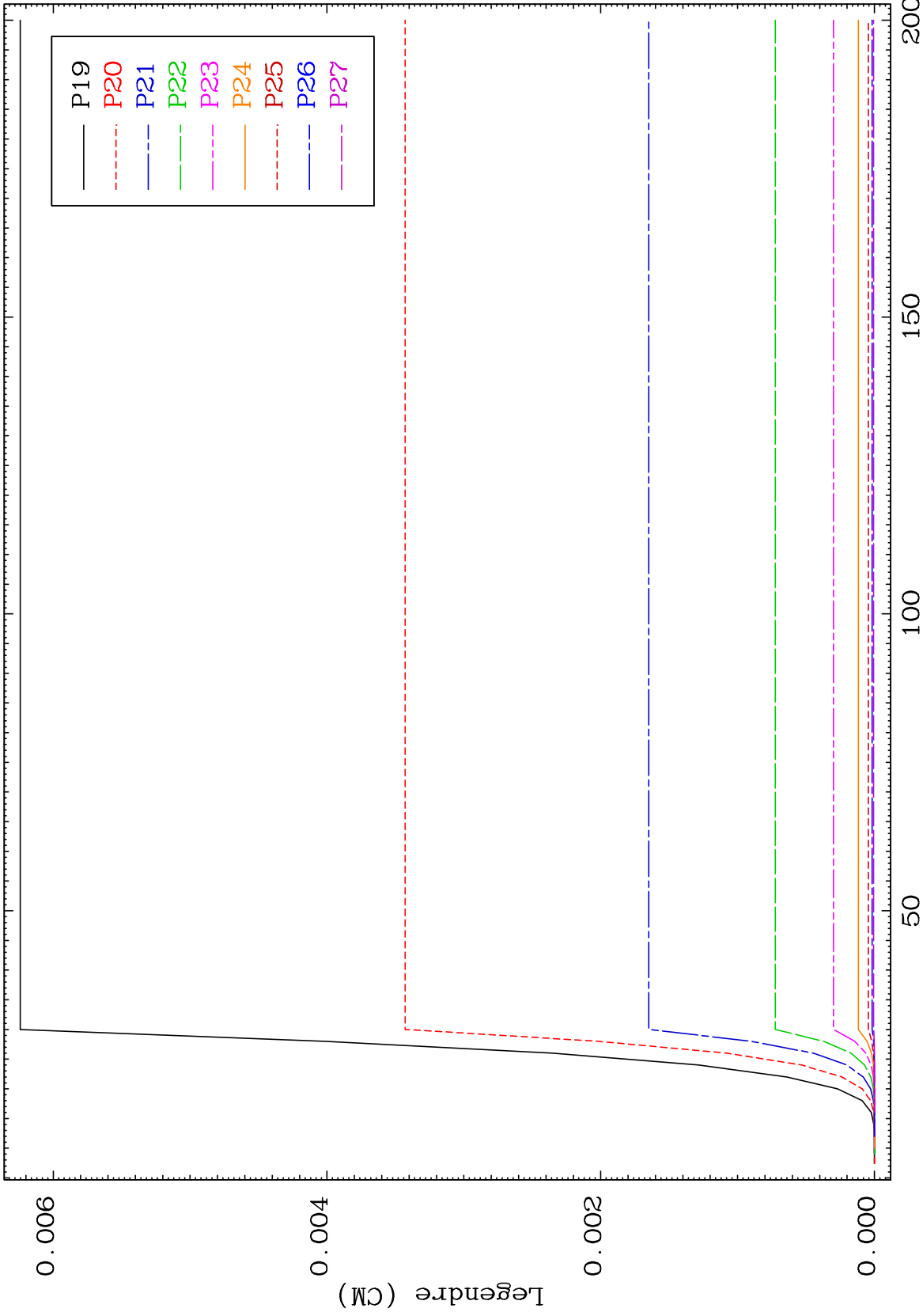


21 Incident Energy (MeV) 50-Sn-114

MAT 5031

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

50-Sn-114



22

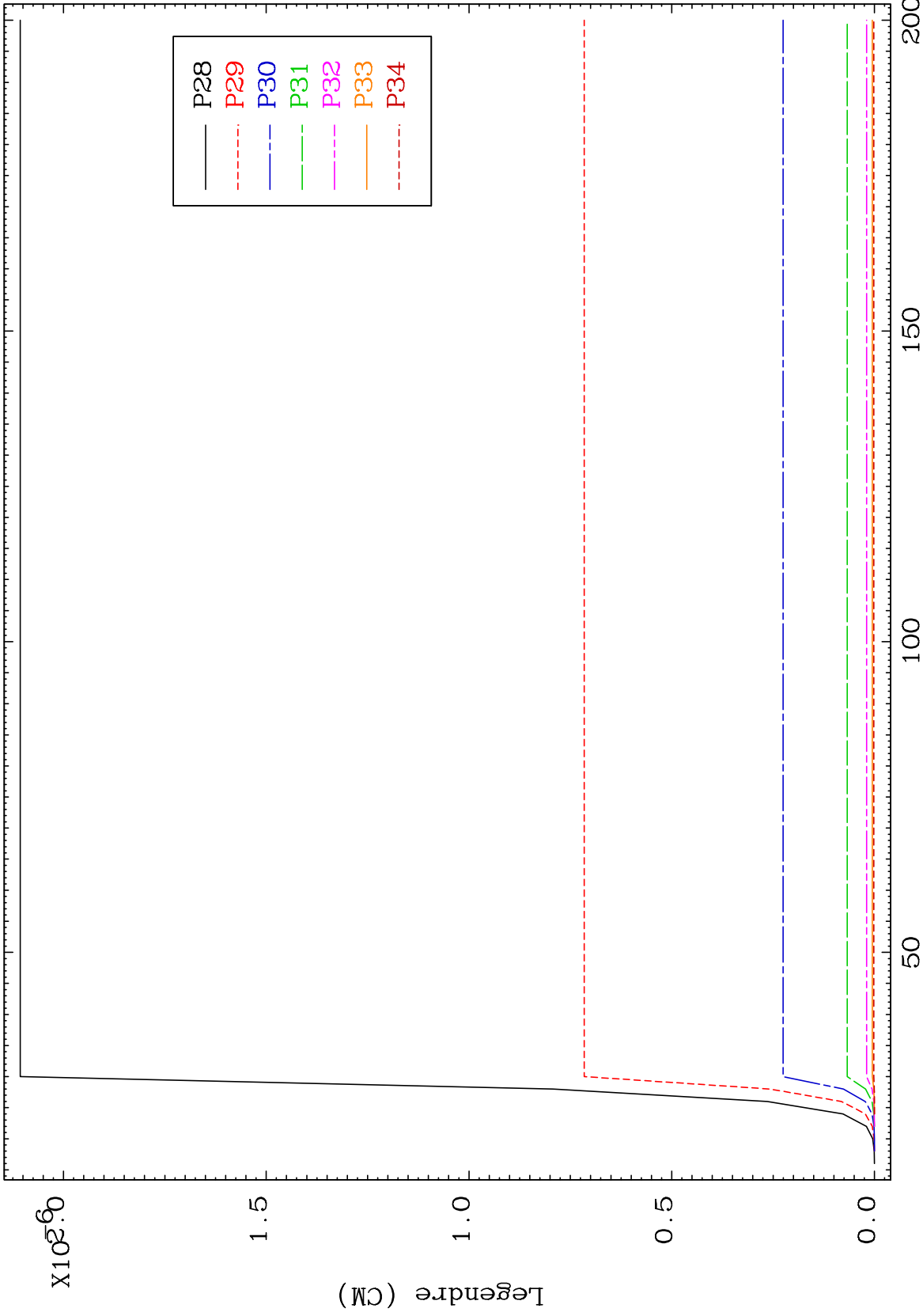
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

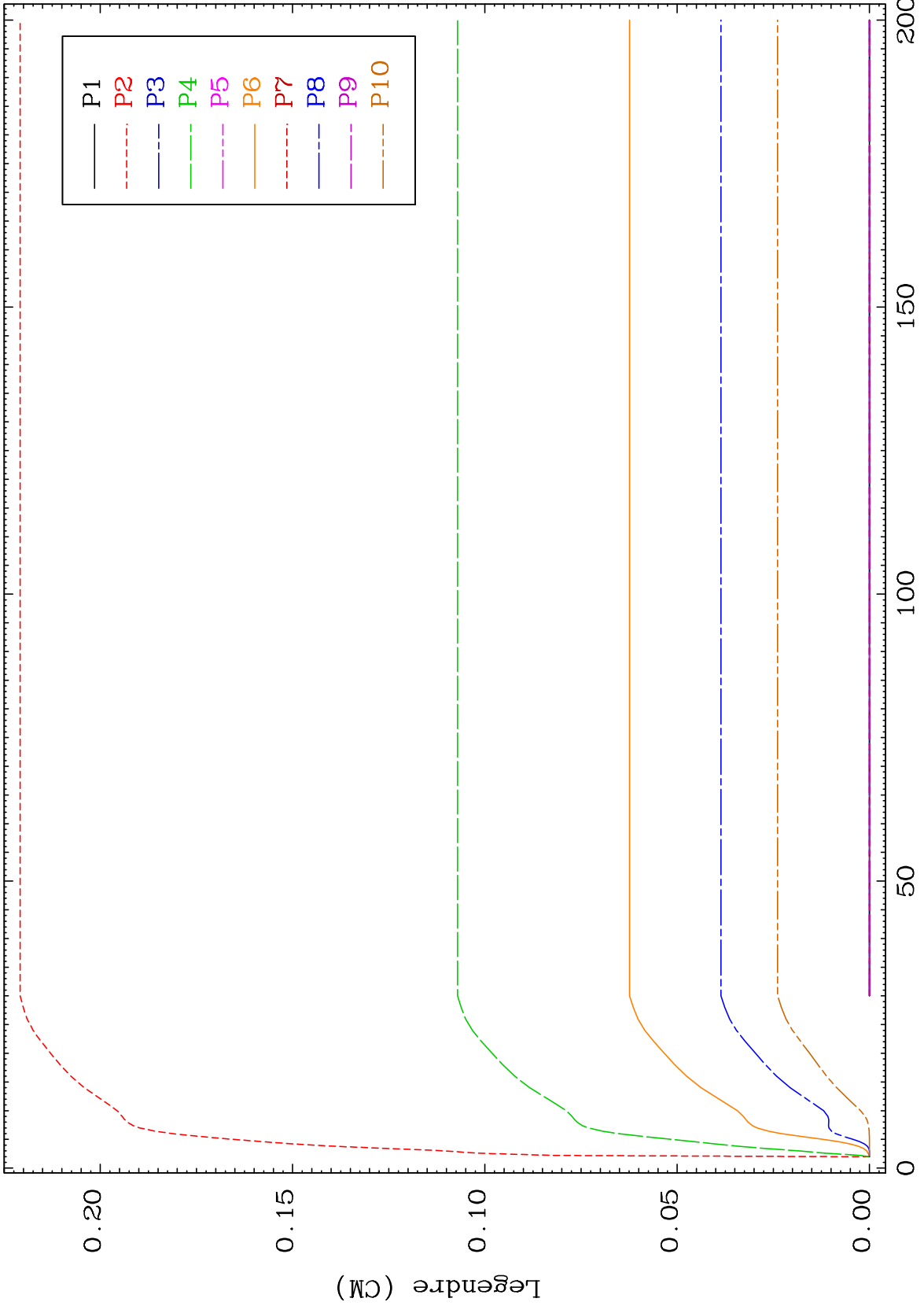
50-Sn-114



23

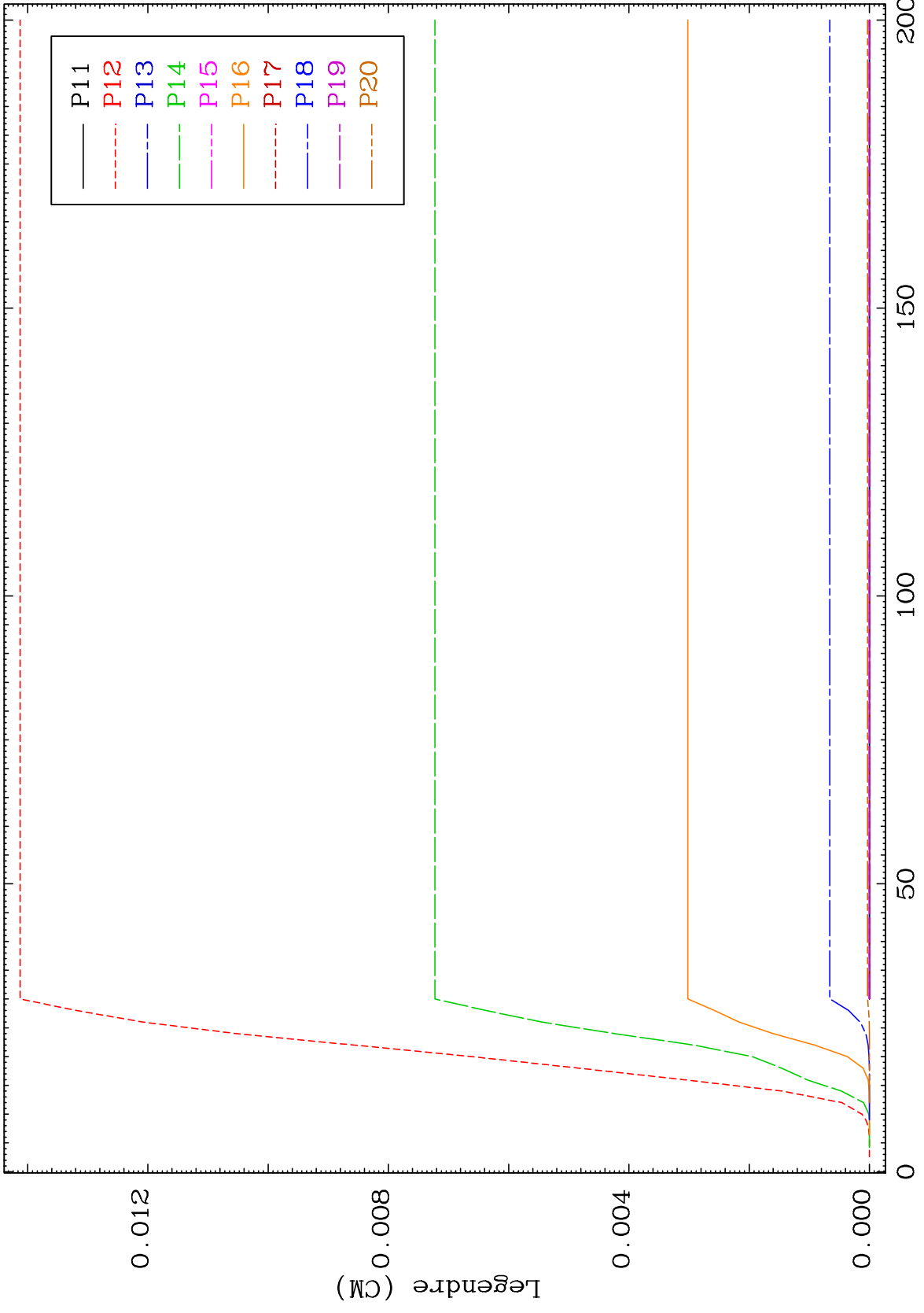
50-Sn-114

MAT 5031 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-114



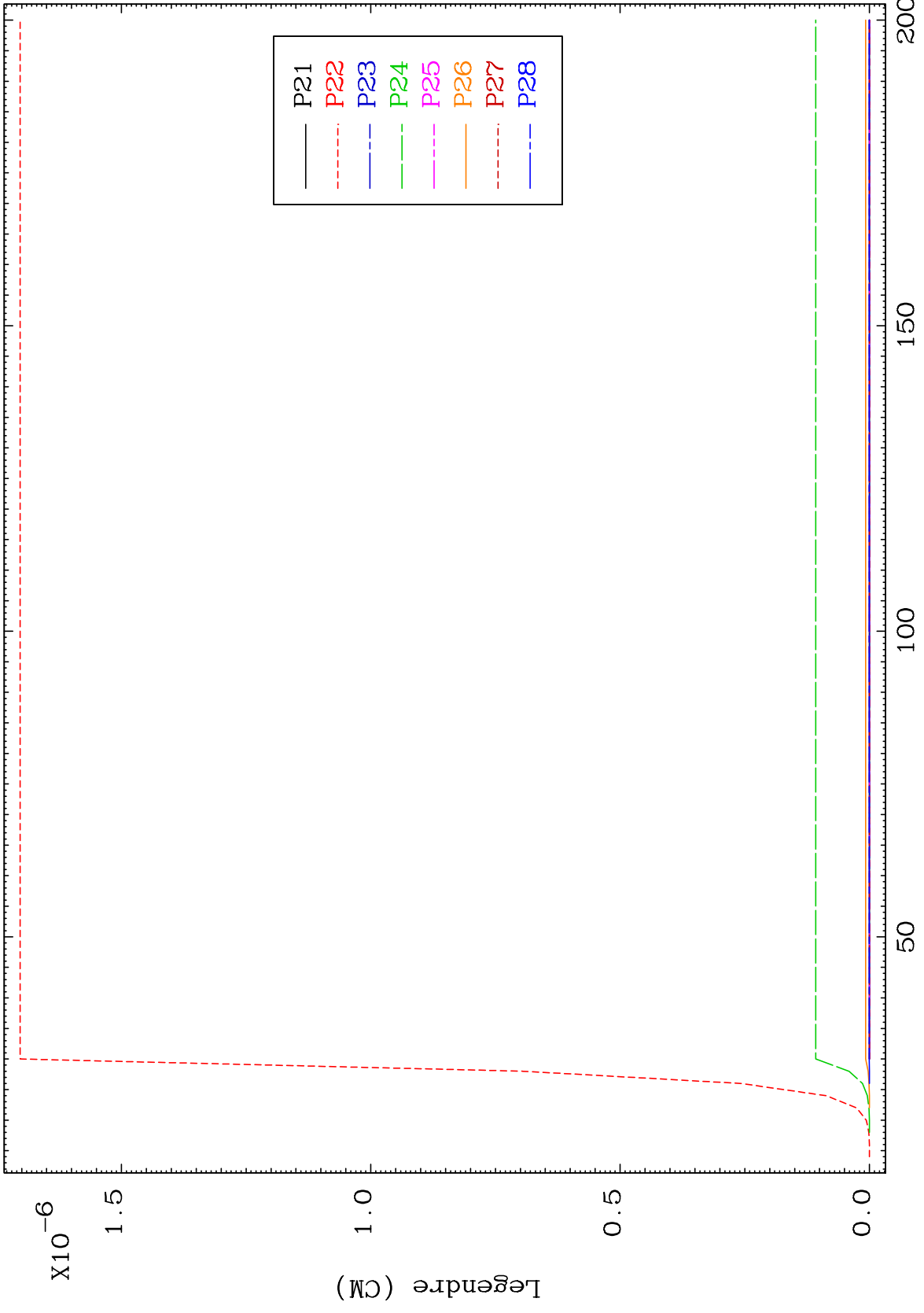
24 Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-114



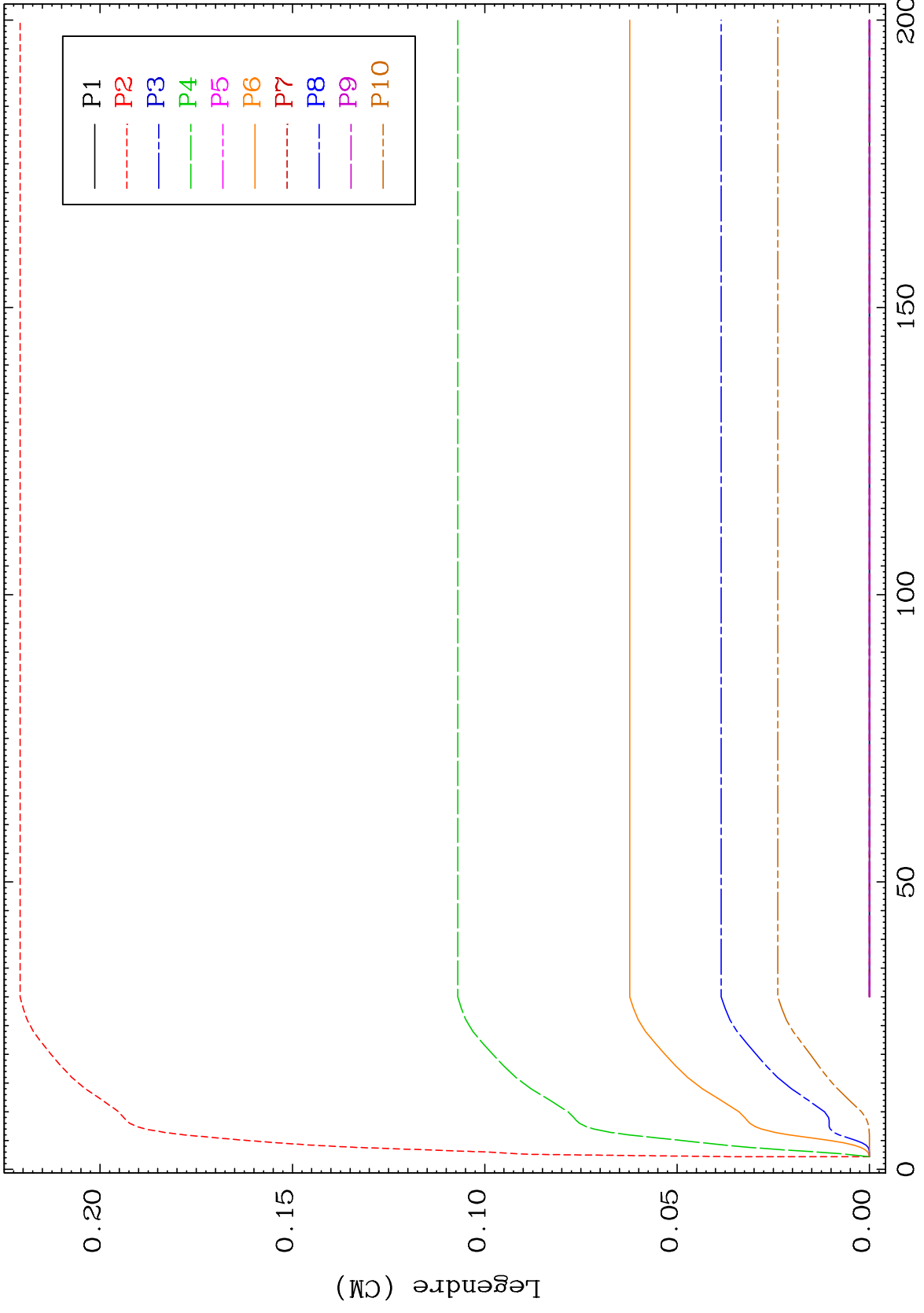
Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-114

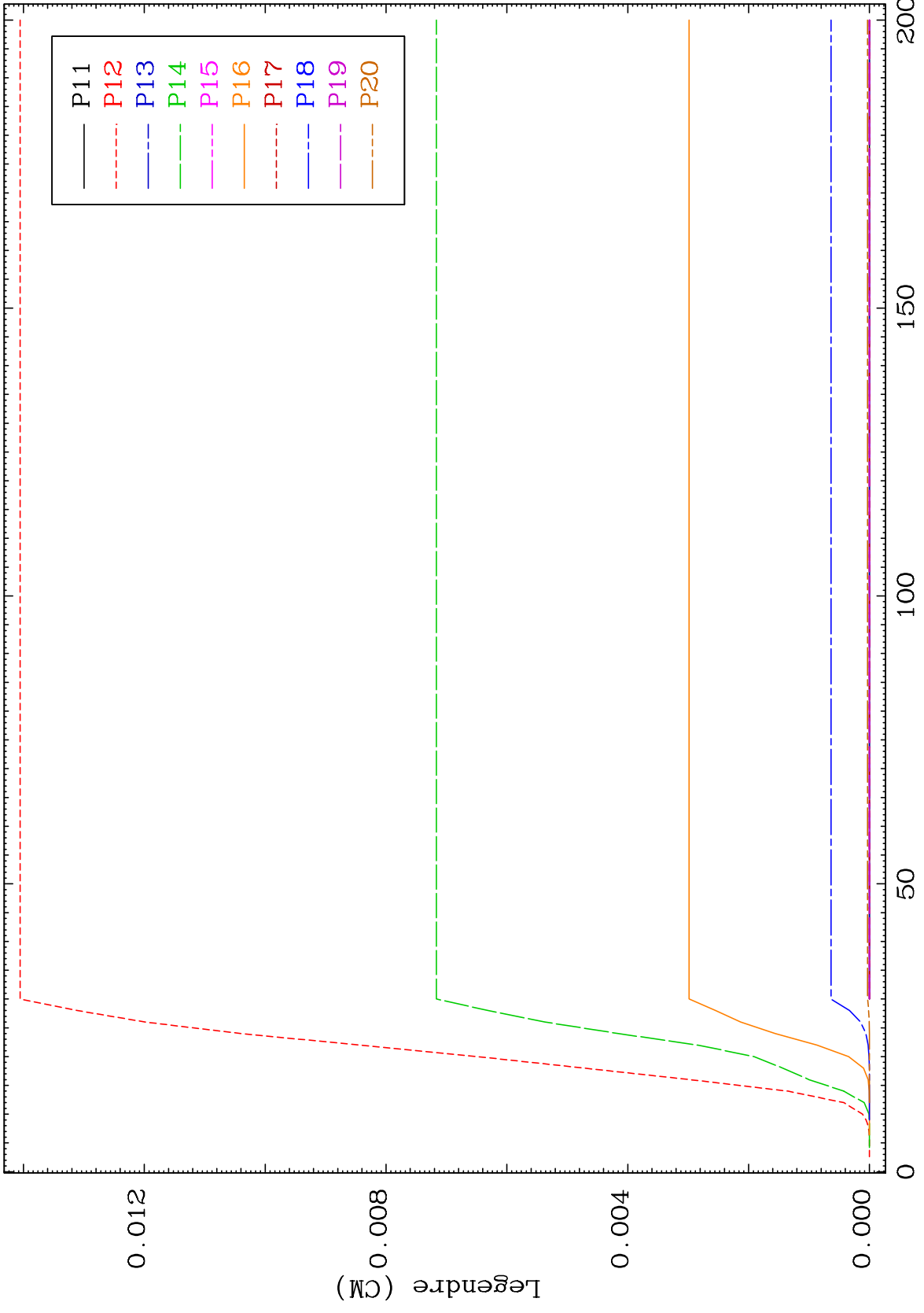


26 50-Sn-114

MAT 5031 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-114

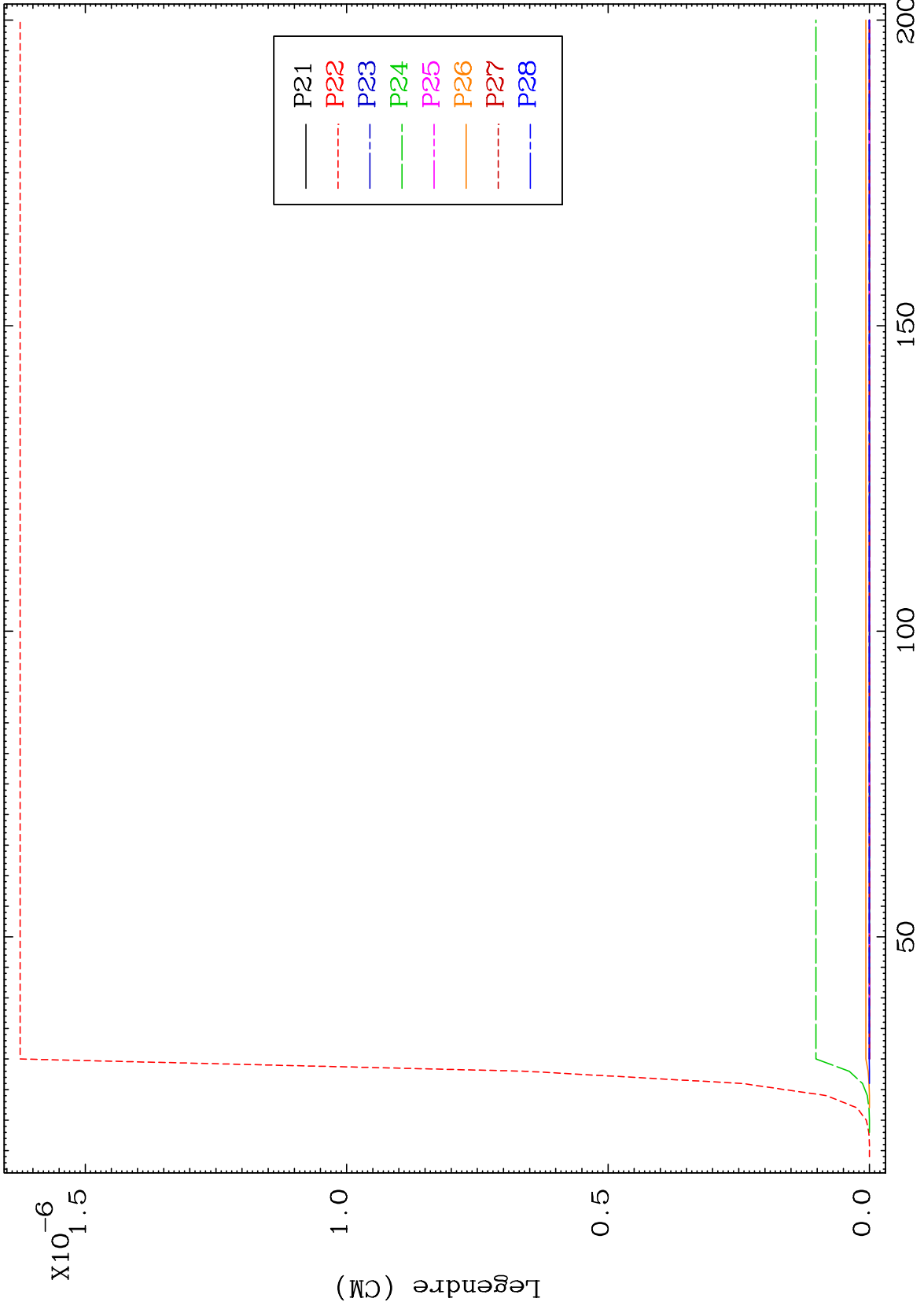


MAT 5031 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-114



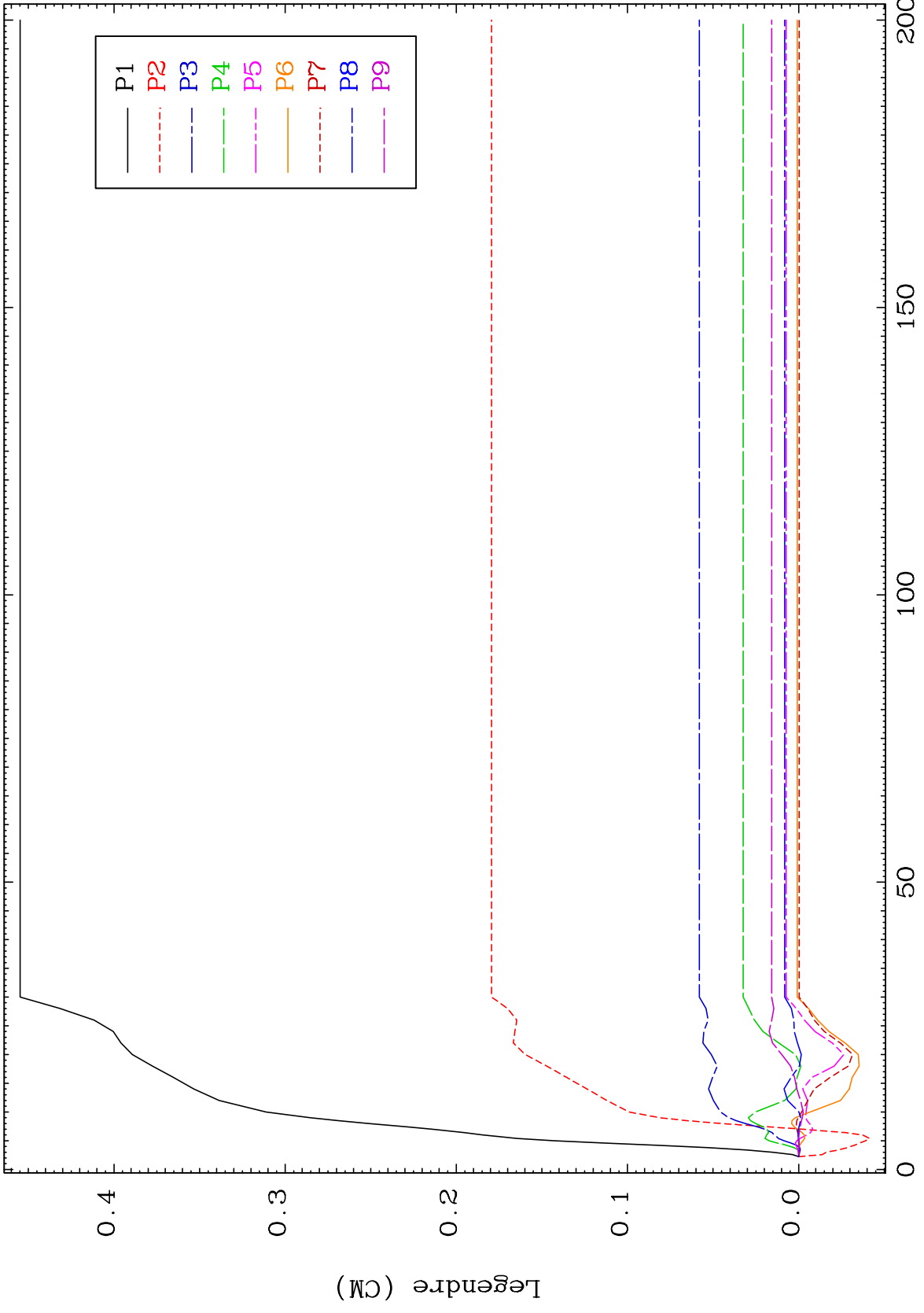
28 Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-114



29 50-Sn-114

MAT 5031 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-114

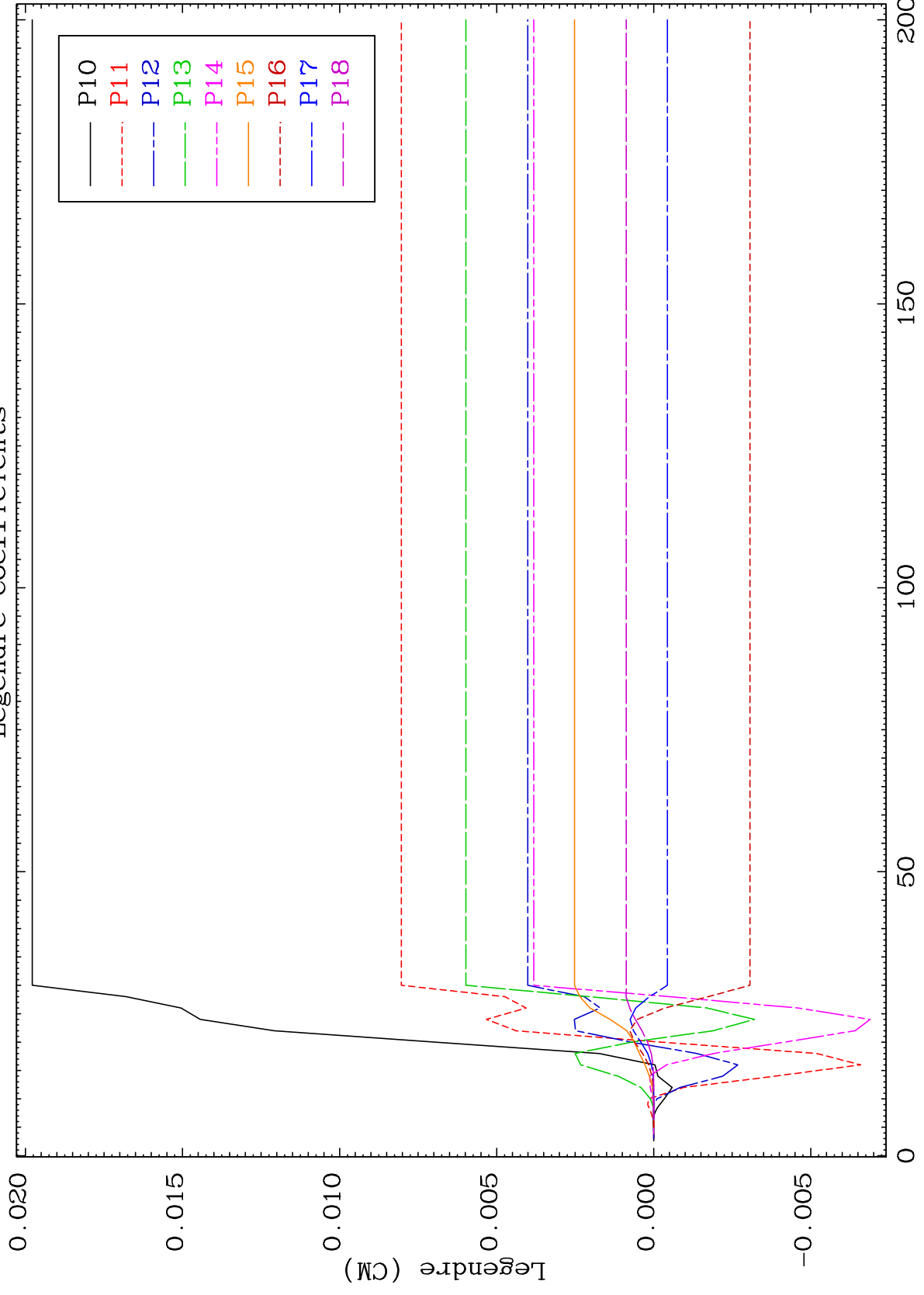


30 50 100 150 200 Incident Energy (MeV) 50-Sn-114

MAT 5031

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

50-Sn-114



50-Sn-114

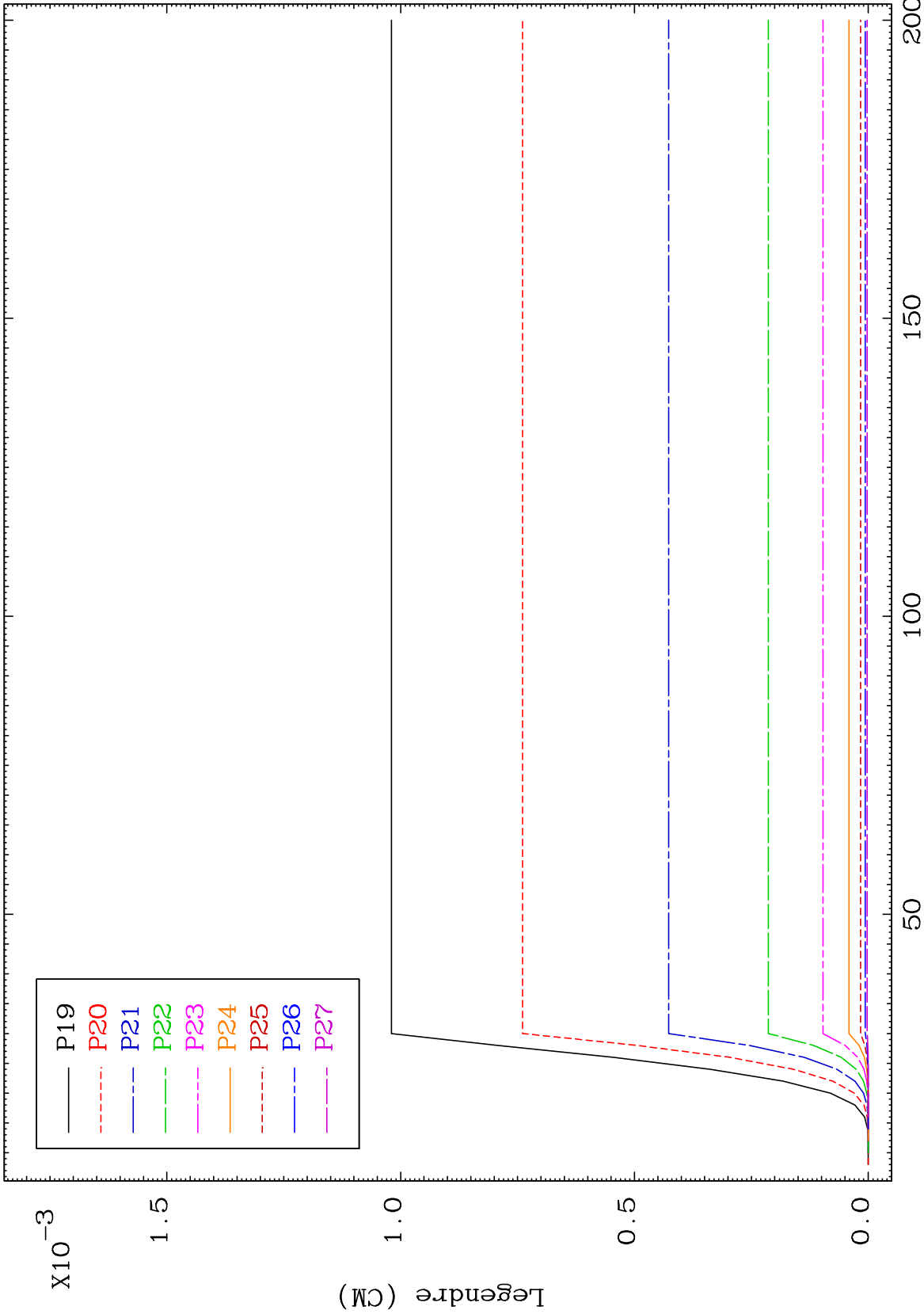
Incident Energy (MeV)

31

MAT 5031

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

50-Sn-114



32

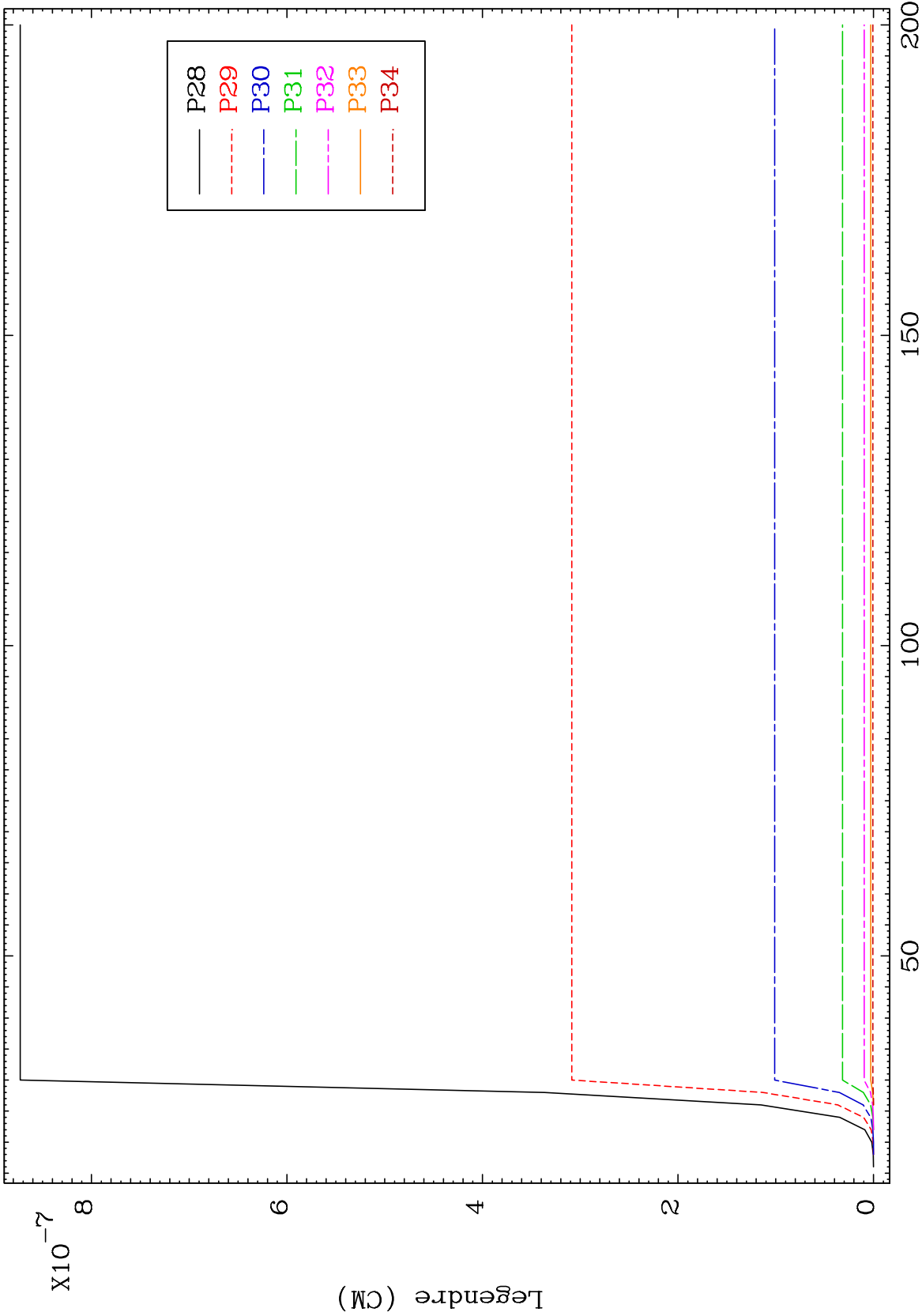
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114

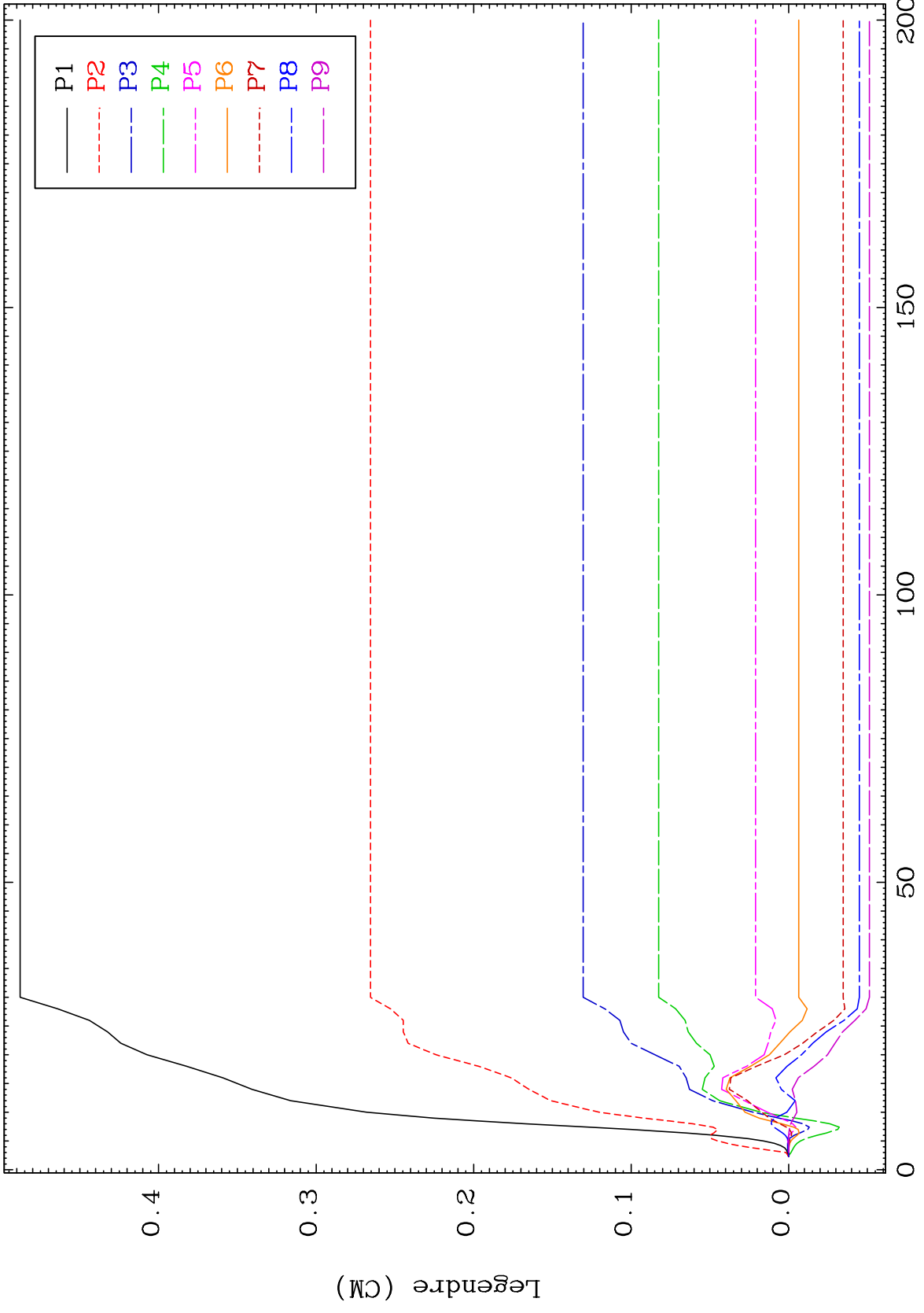


33

Incident Energy (MeV)

50-Sn-114

MAT 5031 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-114

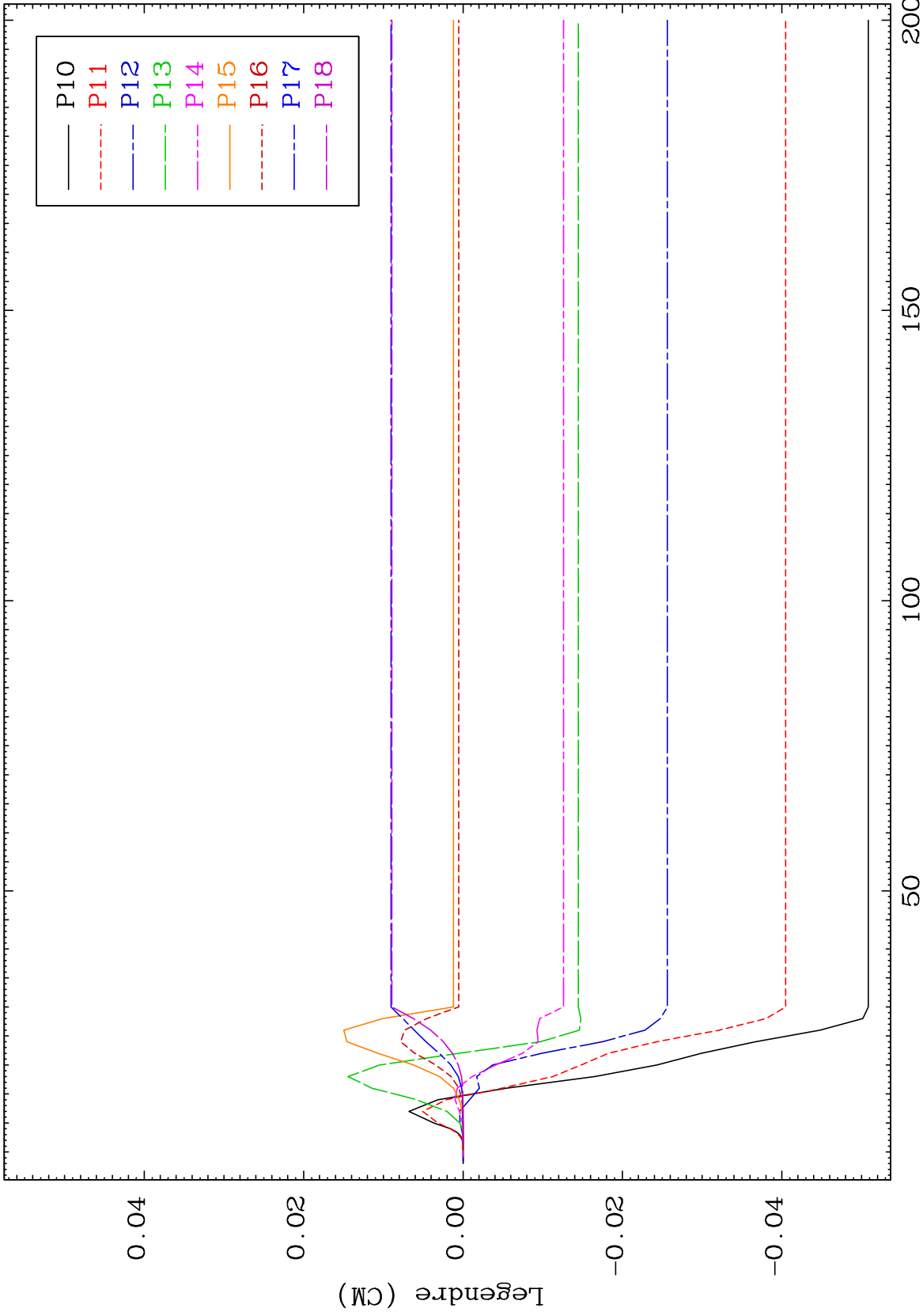


34 50-Sn-114

MAT 5031

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

50-Sn-114

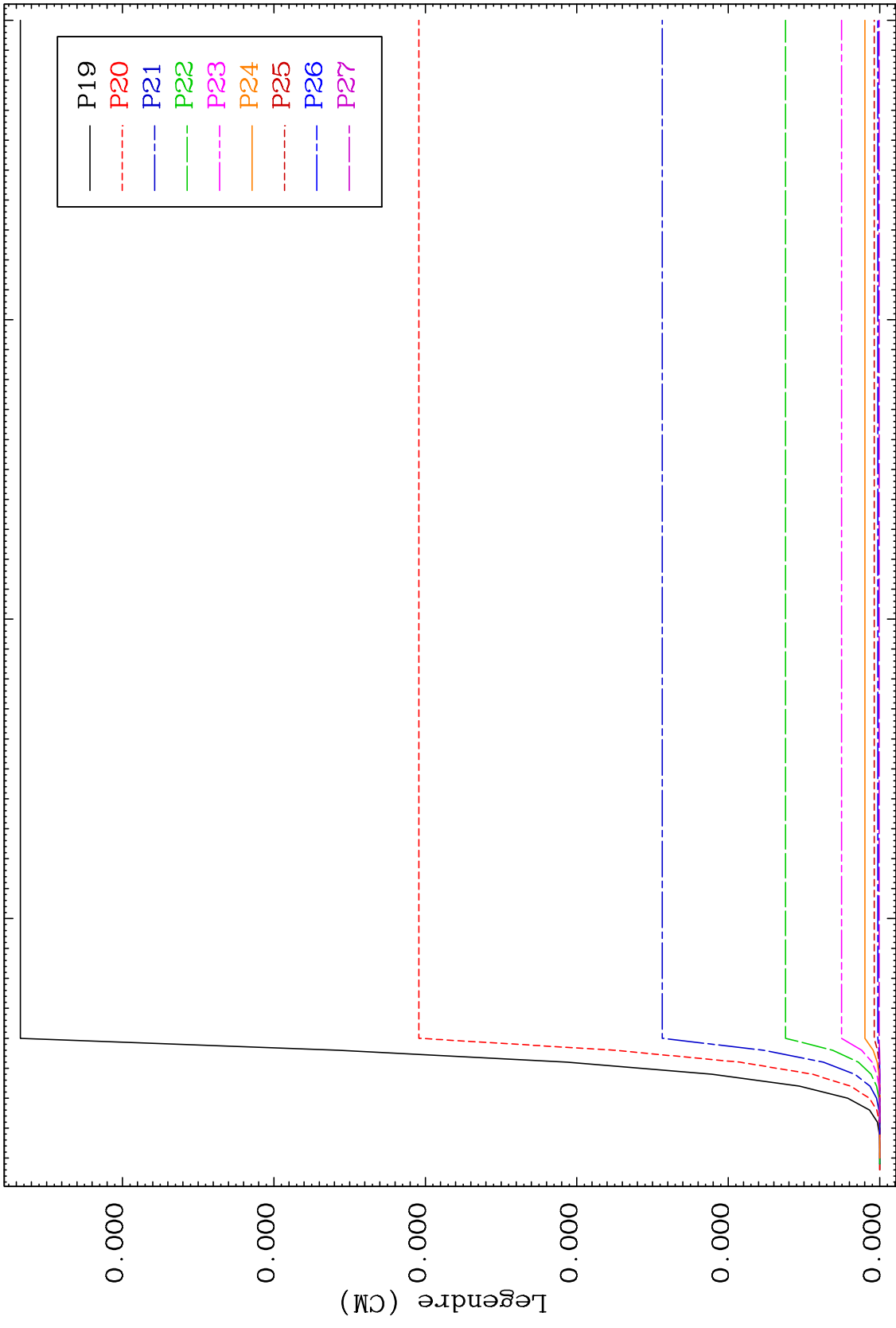


35

Incident Energy (MeV)

50-Sn-114

MAT 5031 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-114

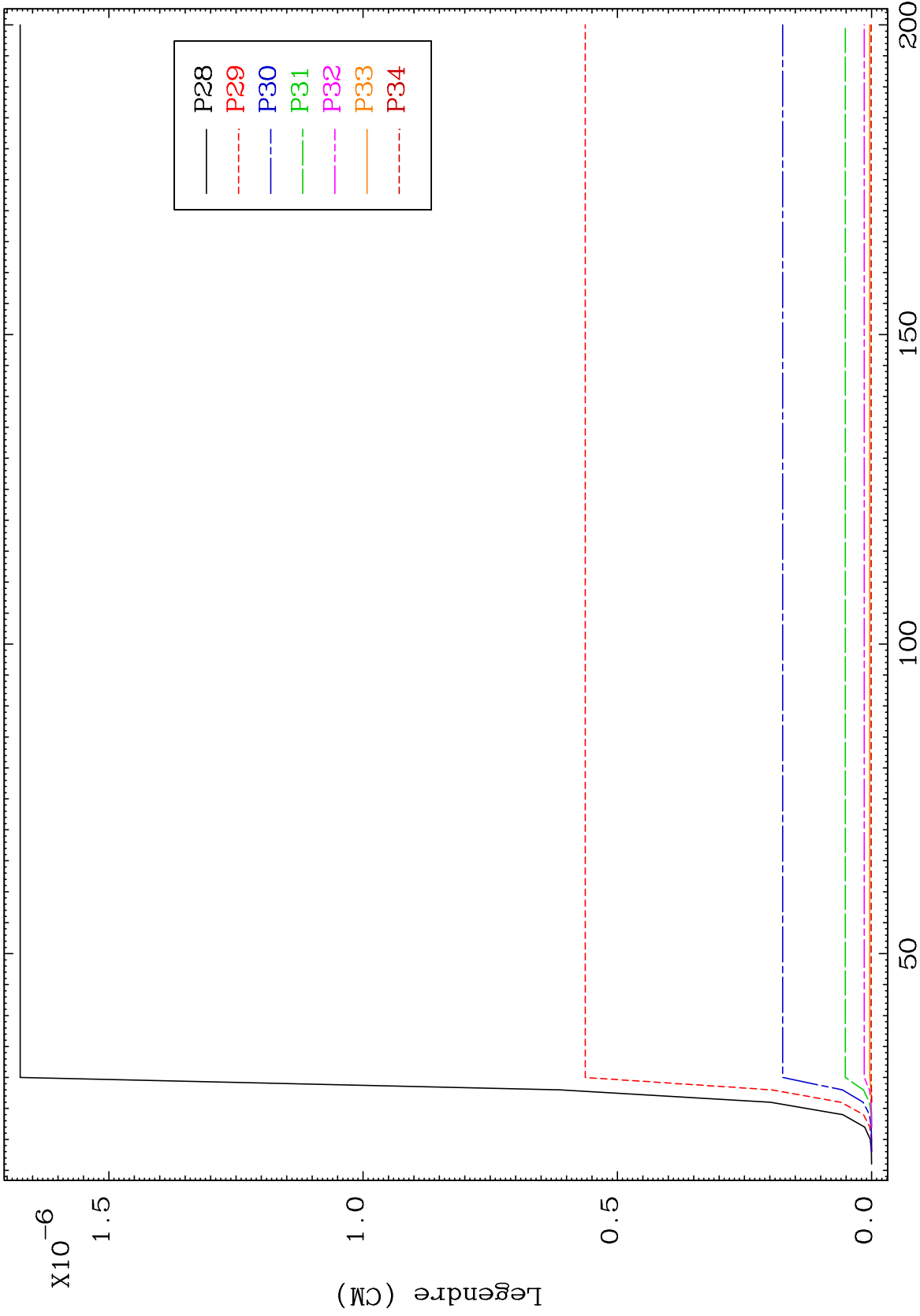


36 50-Sn-114

MAT 5031

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

50-Sn-114

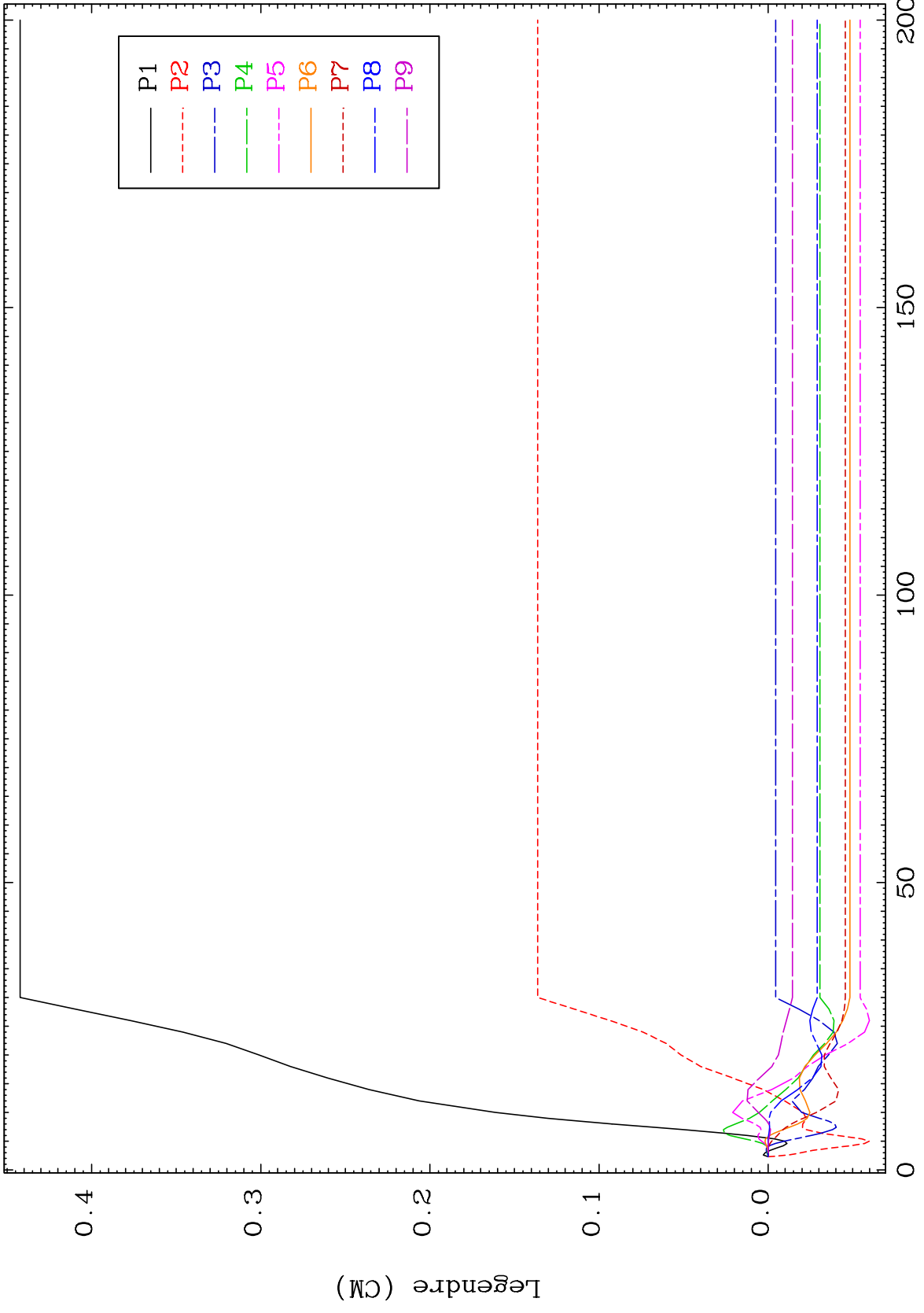


37

Incident Energy (MeV)

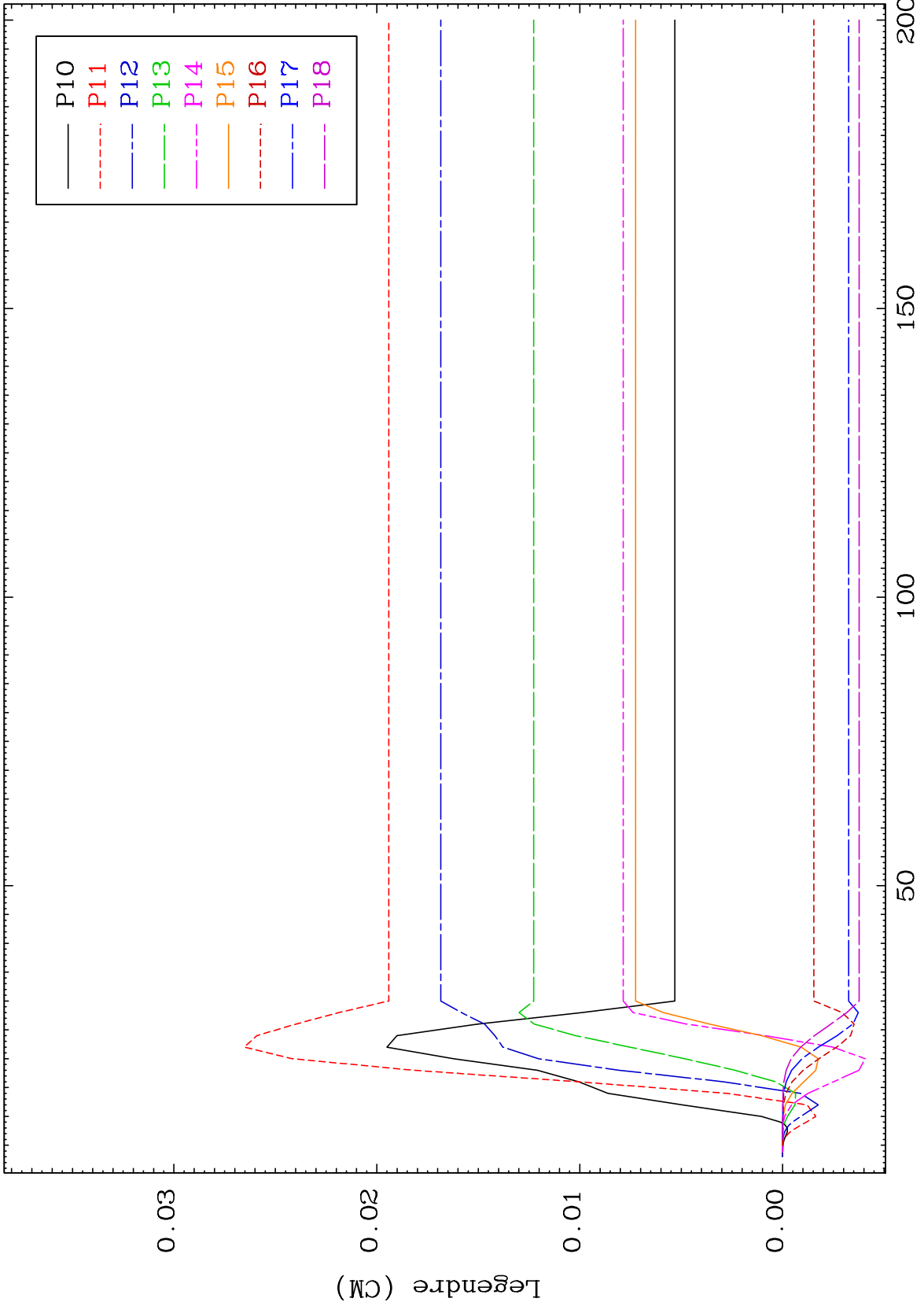
50-Sn-114

MAT 5031 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-114

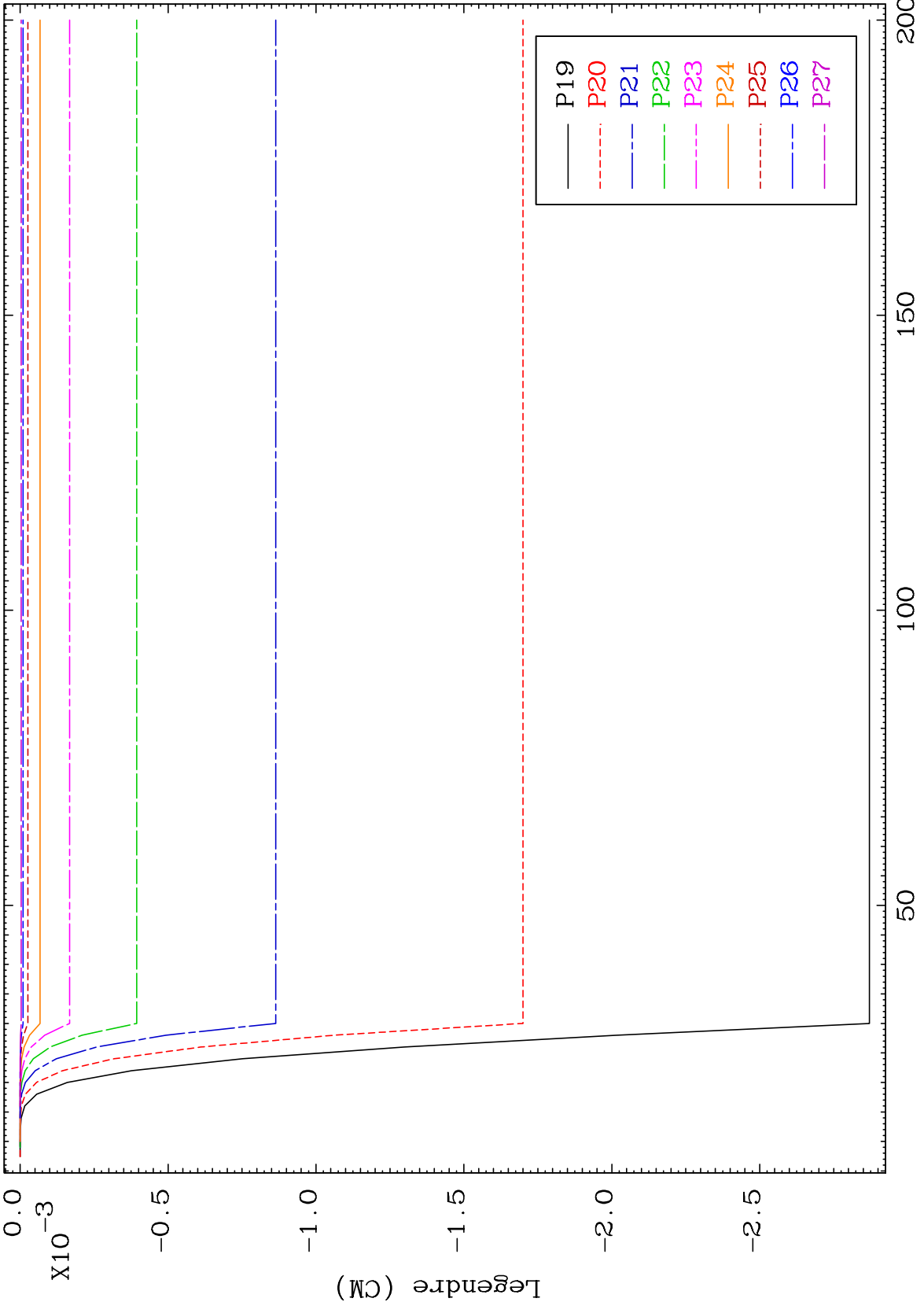


38 50-Sn-114

MAT 5031 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-114

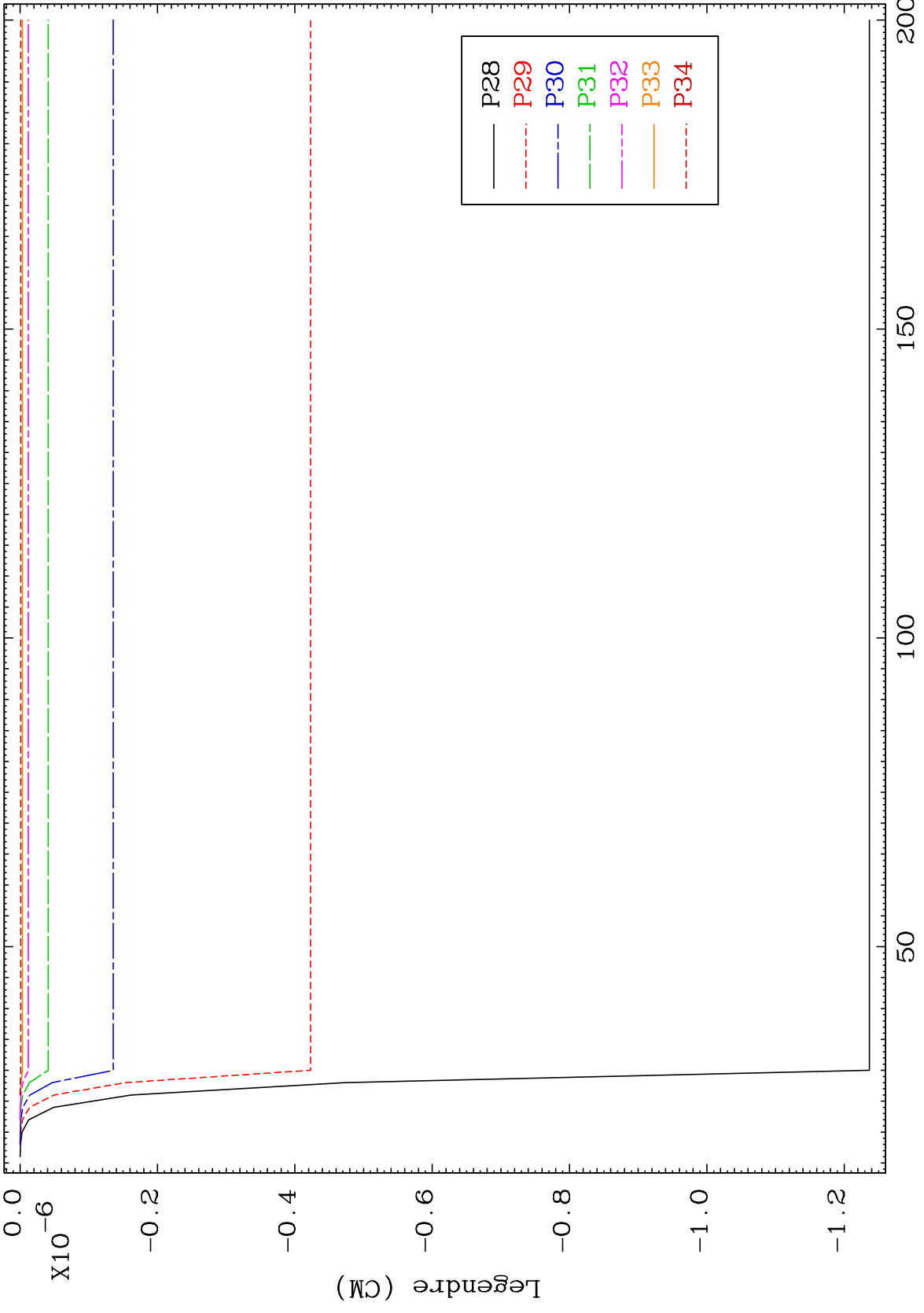


MAT 5031 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-114

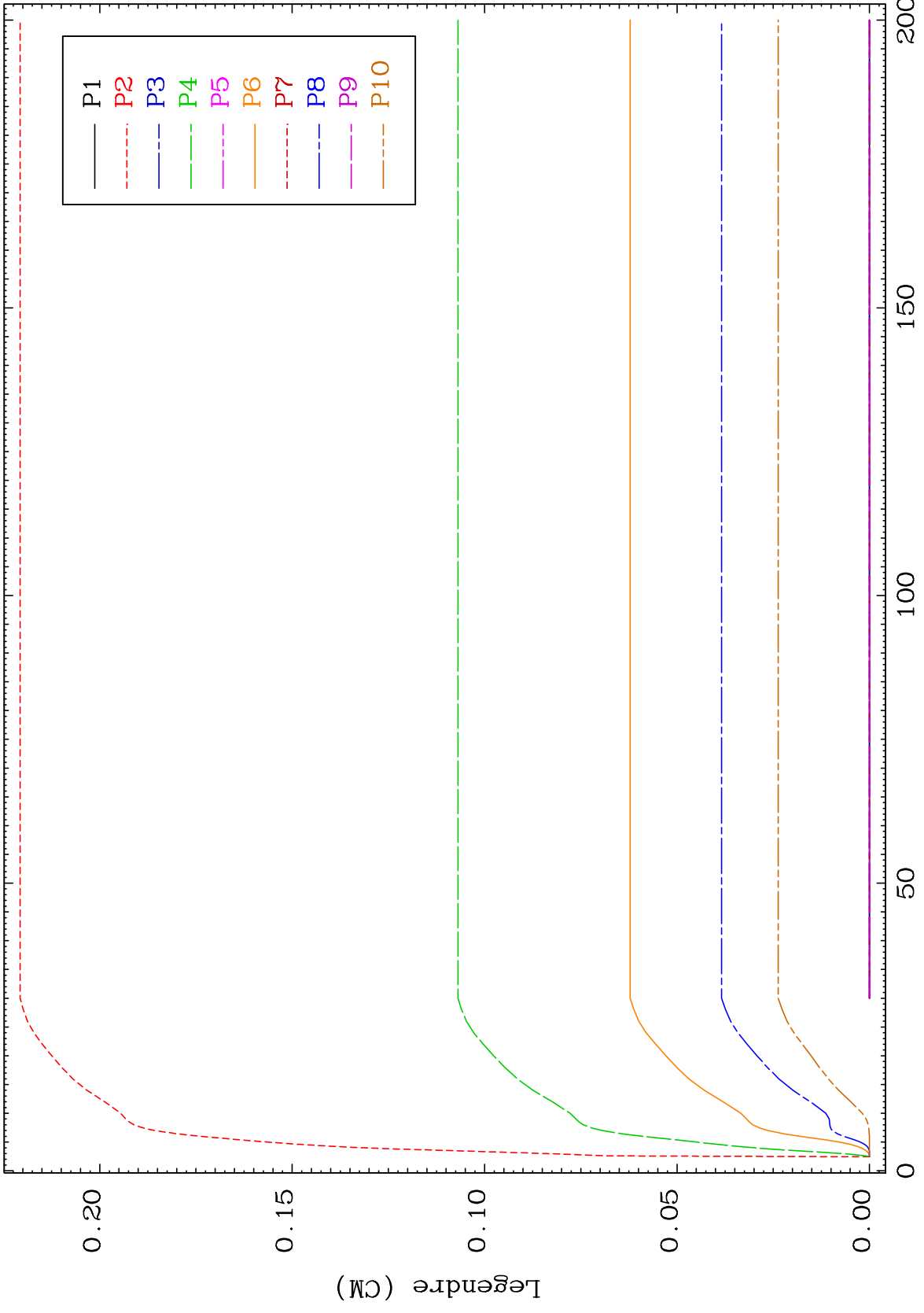


40 50 100 150 200 Incident Energy (MeV) 50-Sn-114

Legendre Coefficients

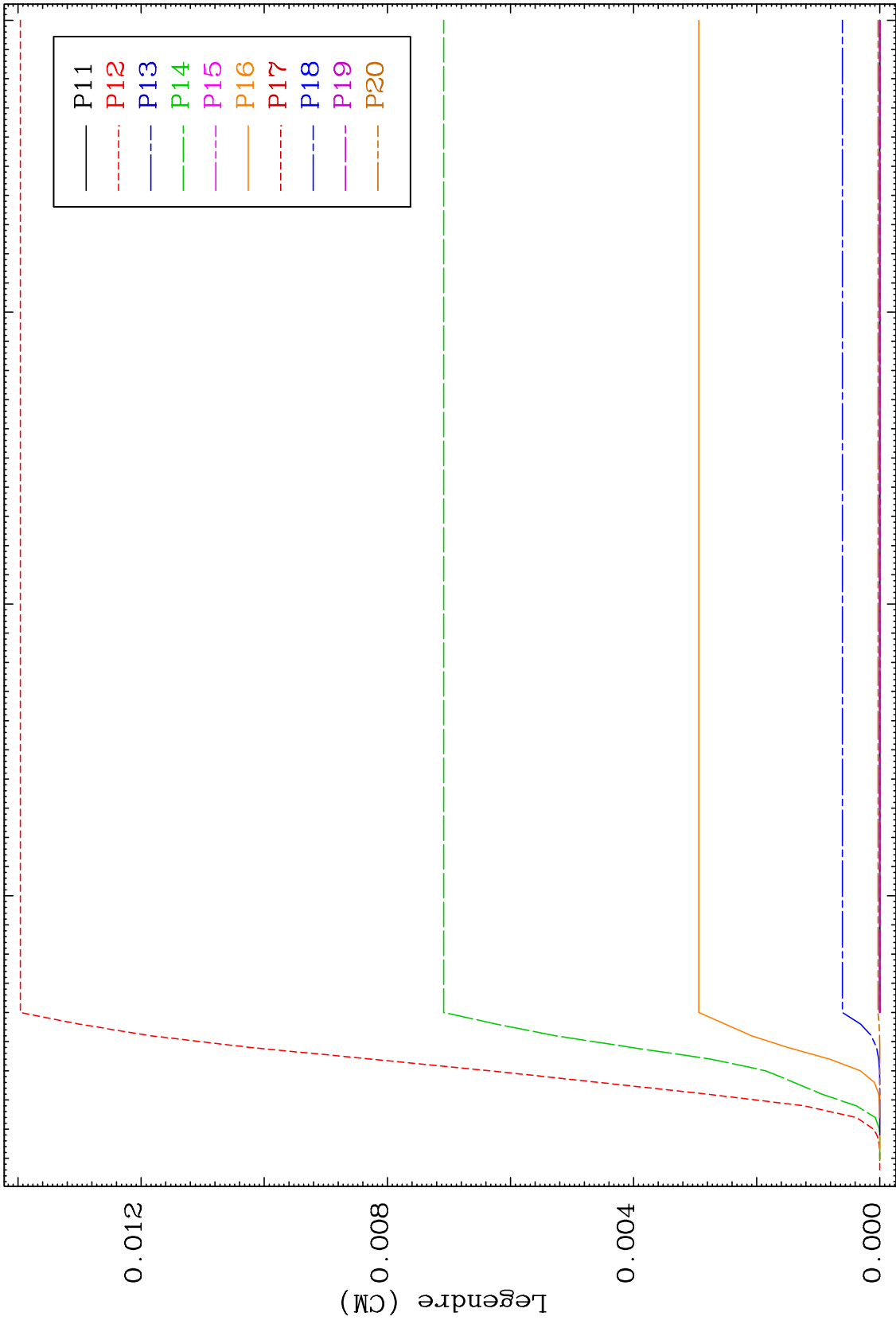


MAT 5031 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-114



42 Incident Energy (MeV) 50-Sn-114

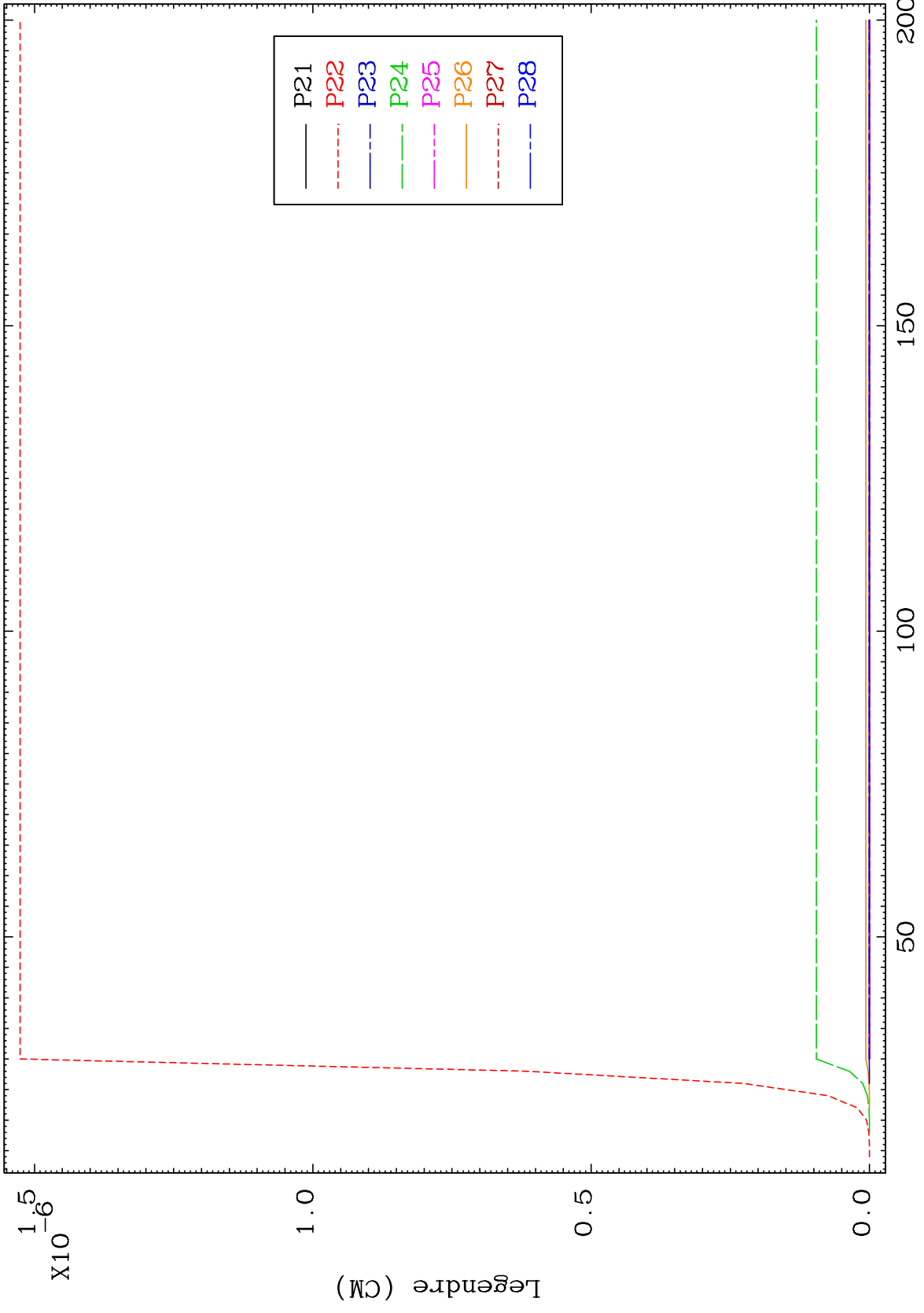
MAT 5031 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-114



43 Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 57 (n,n') Level Legendre Coefficients

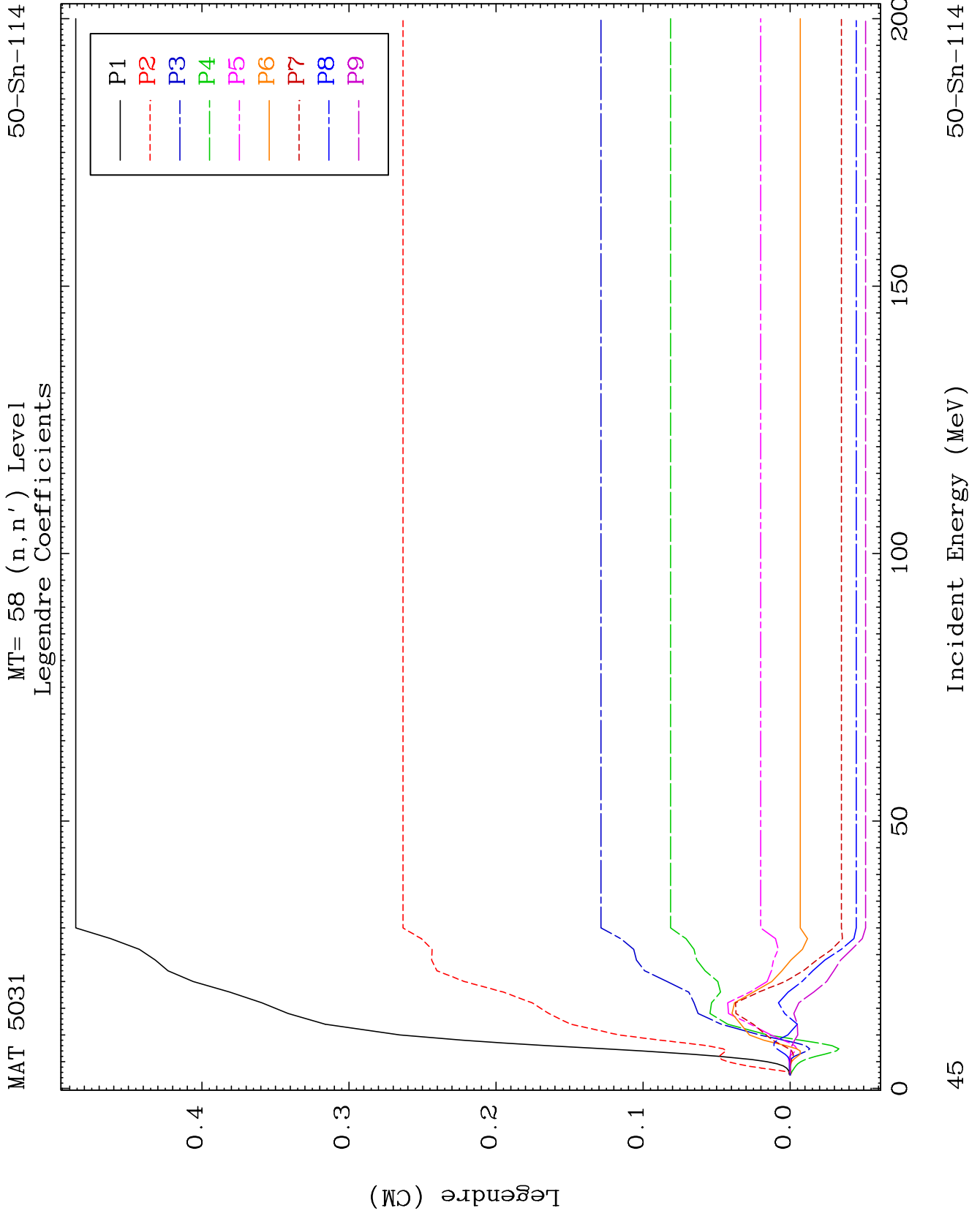
50-Sn-114



44

Incident Energy (MeV)

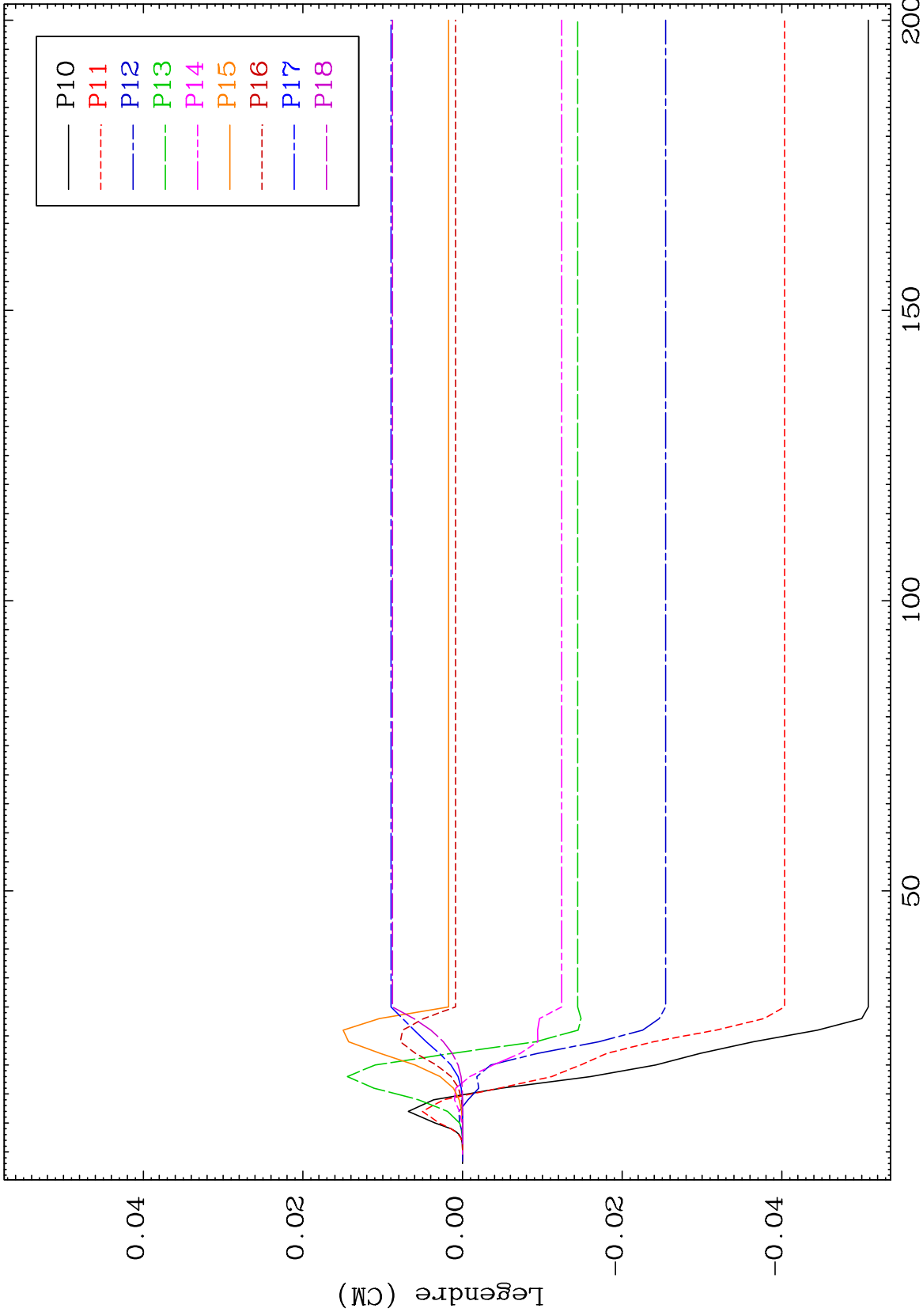
50-Sn-114



MAT 5031

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

50-Sn-114

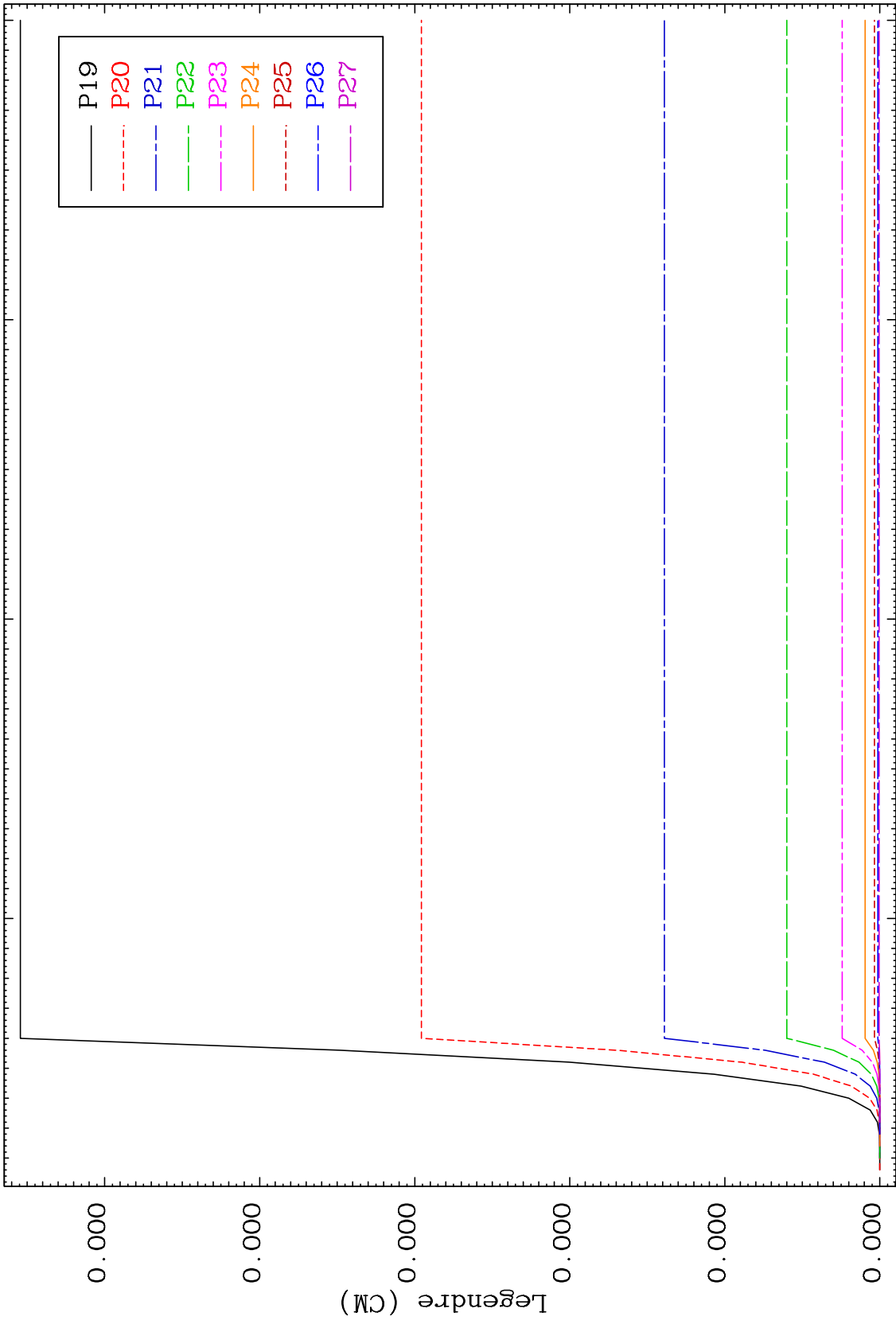


46

Incident Energy (MeV)

50-Sn-114

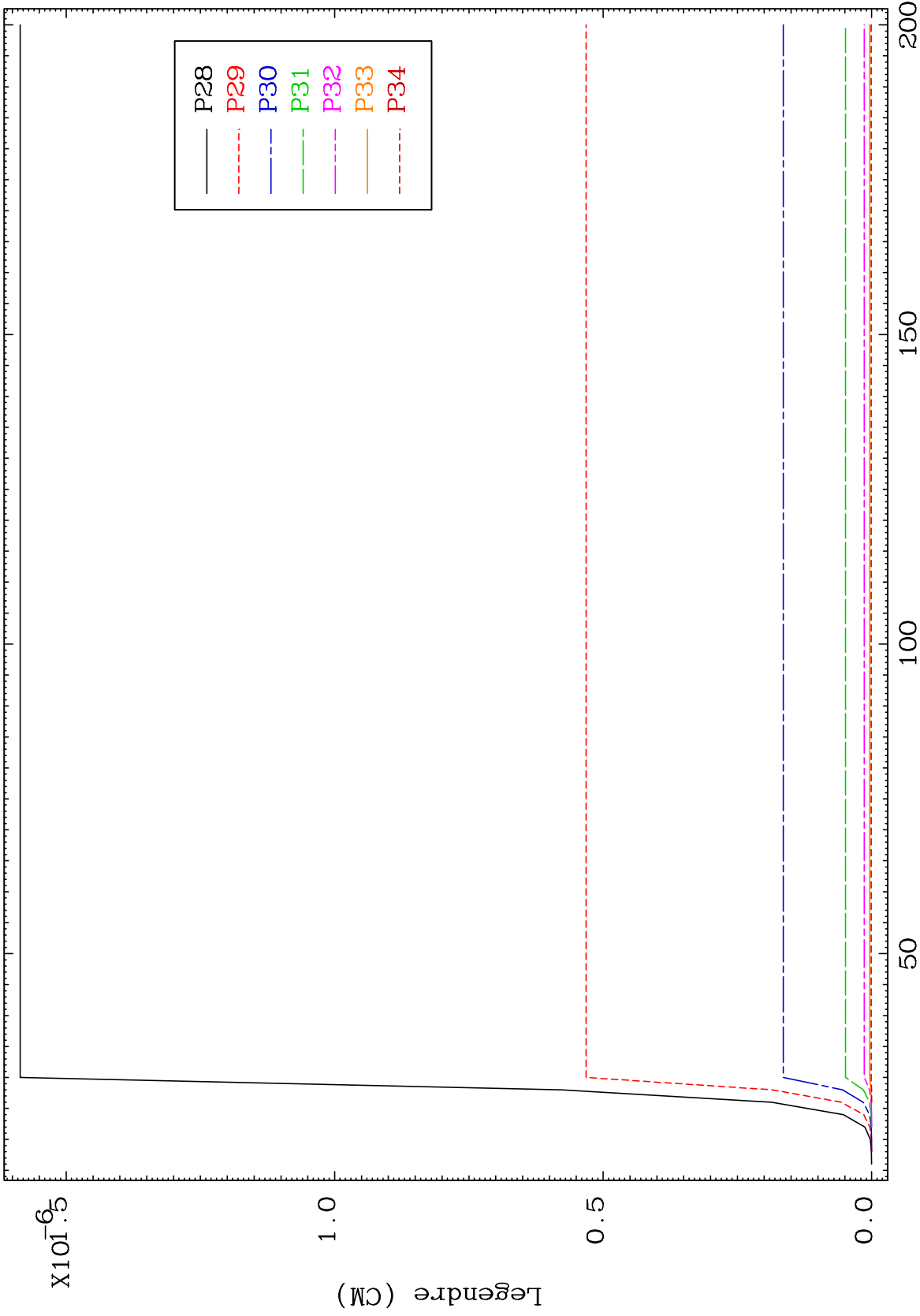
MAT 5031 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-114



MAT 5031

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

50-Sn-114



48

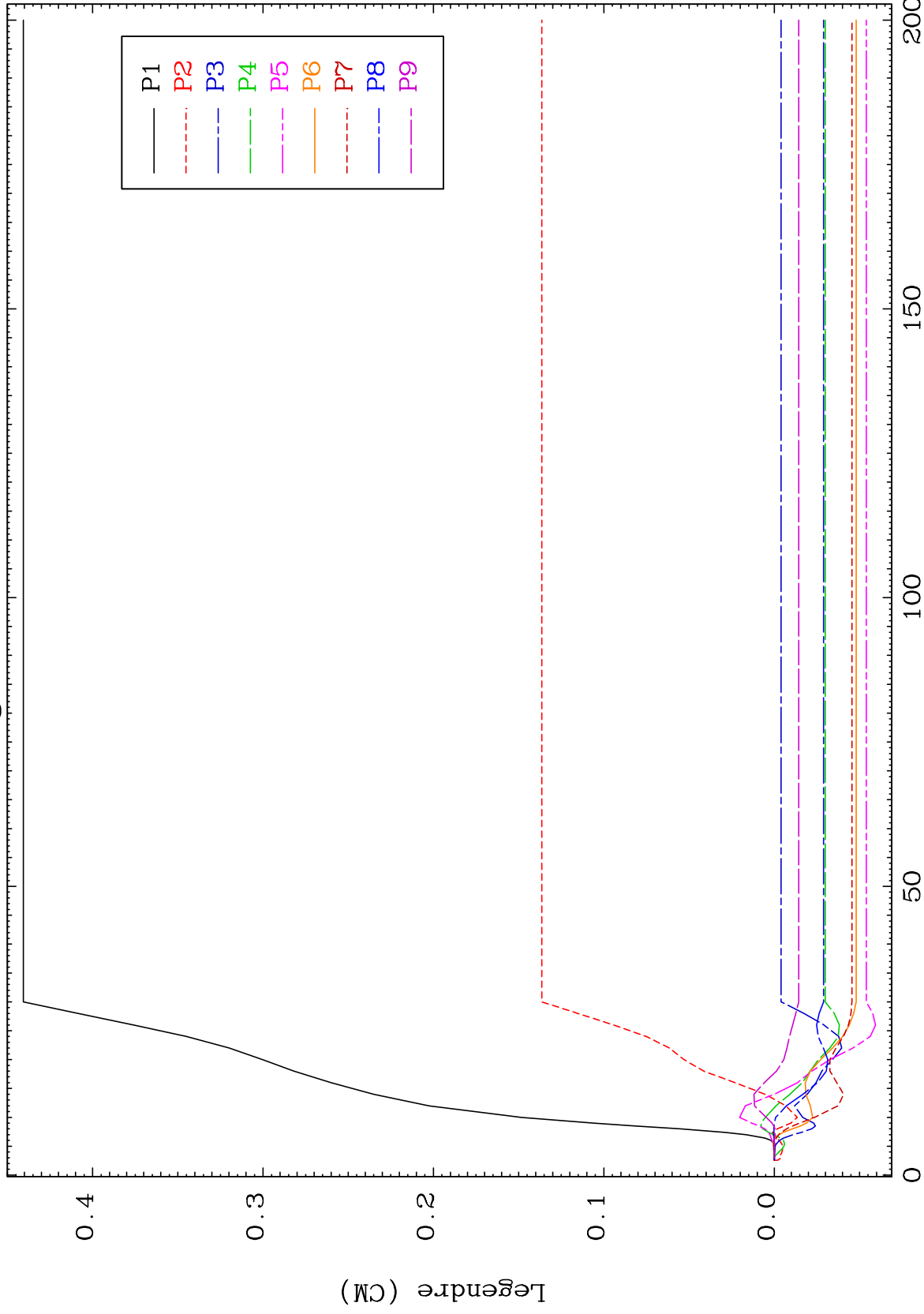
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114

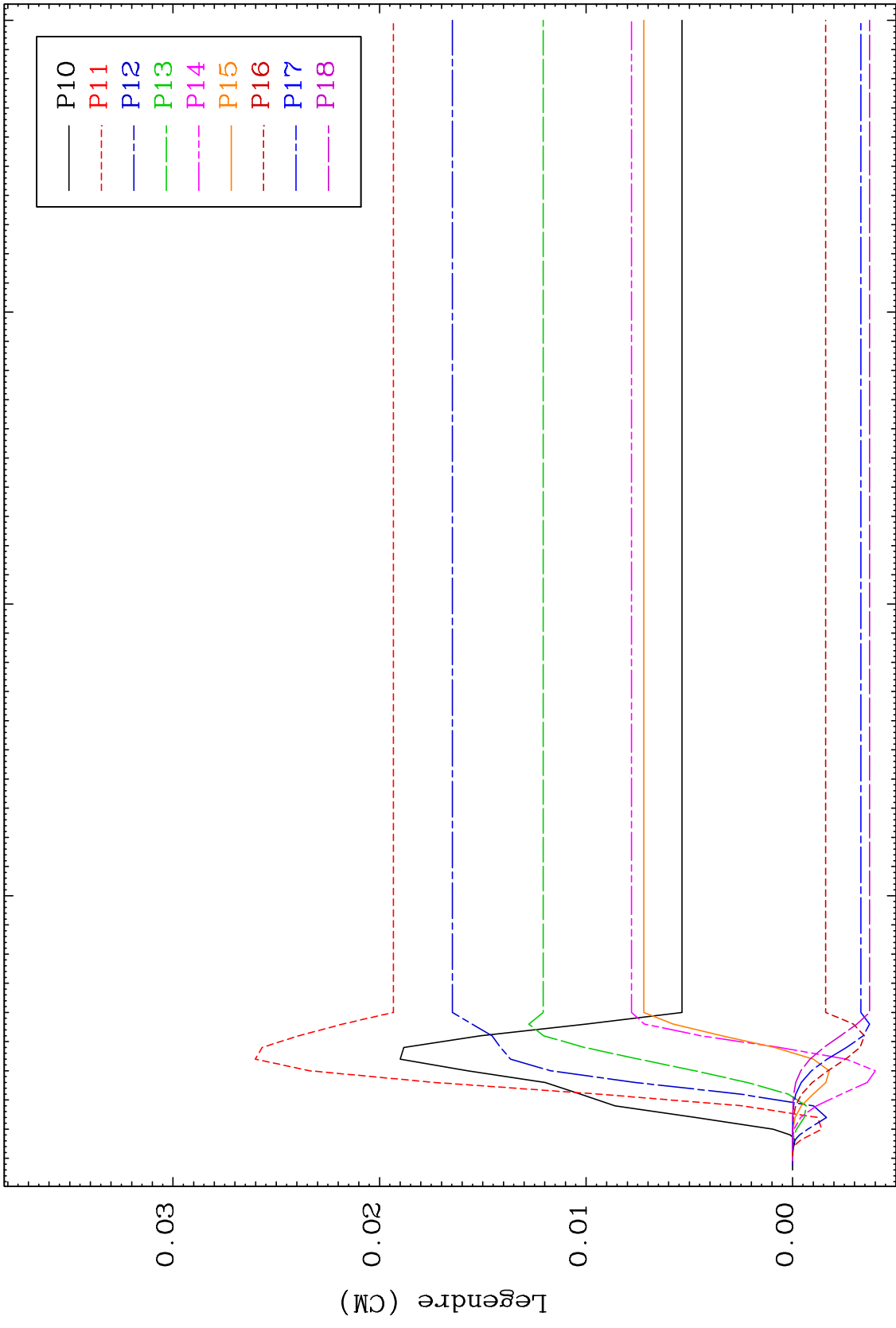


49

Incident Energy (MeV)

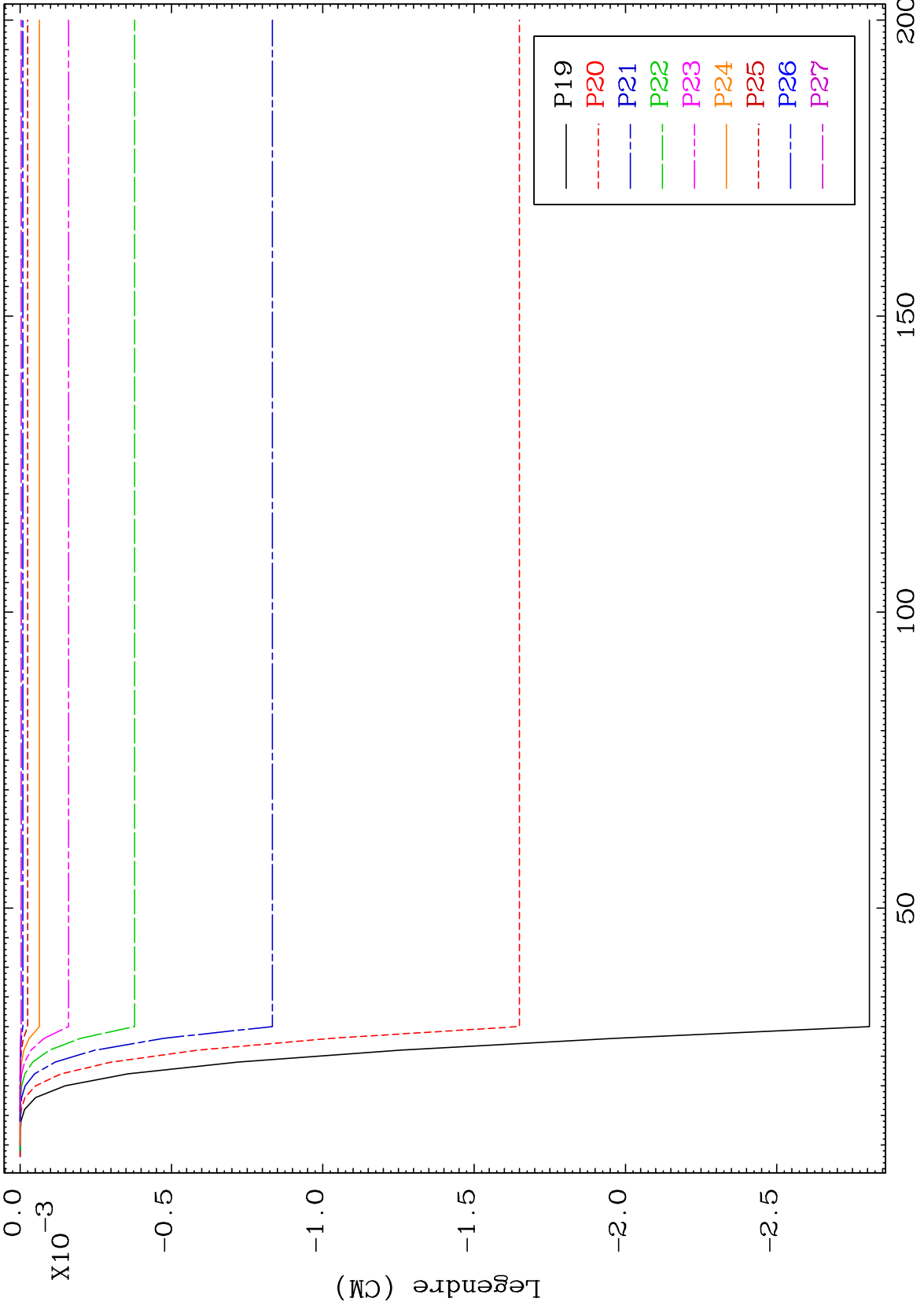
50-Sn-114

MAT 5031 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-114



50 Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-114

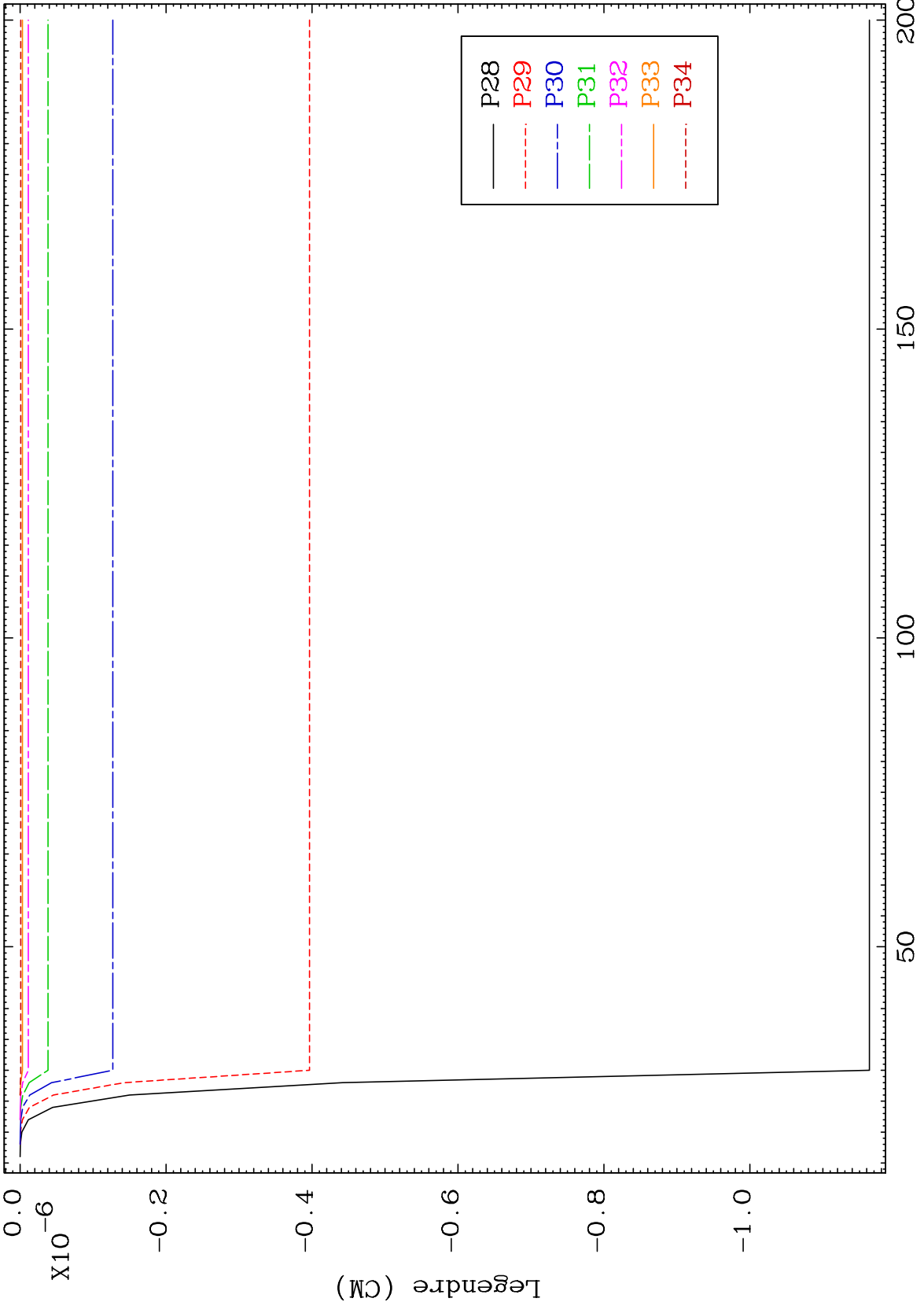


51 Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 59 (n,n') Level

50-Sn-114

Legendre Coefficients

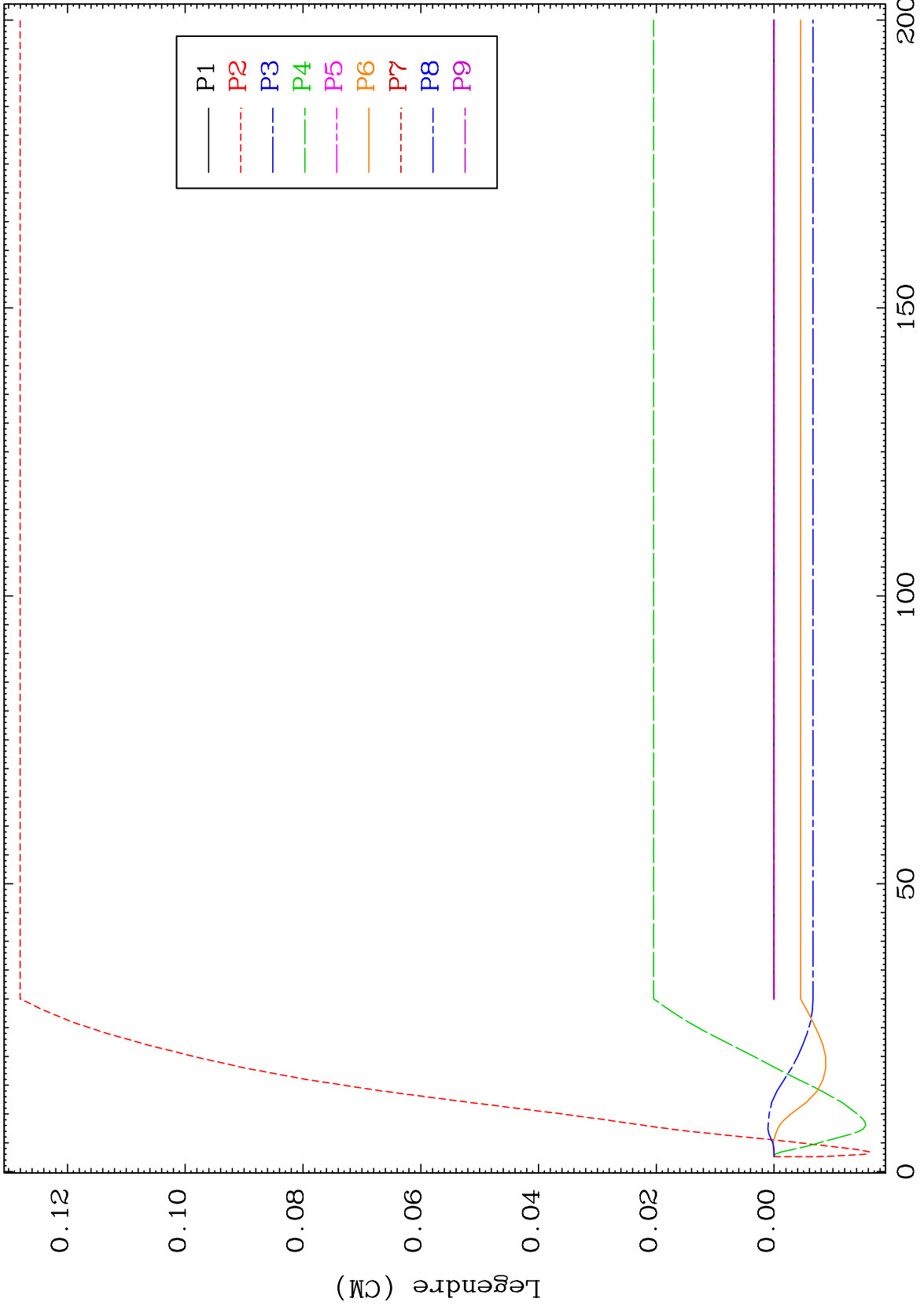


50-Sn-114

Incident Energy (MeV)

52

MAT 5031 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-114

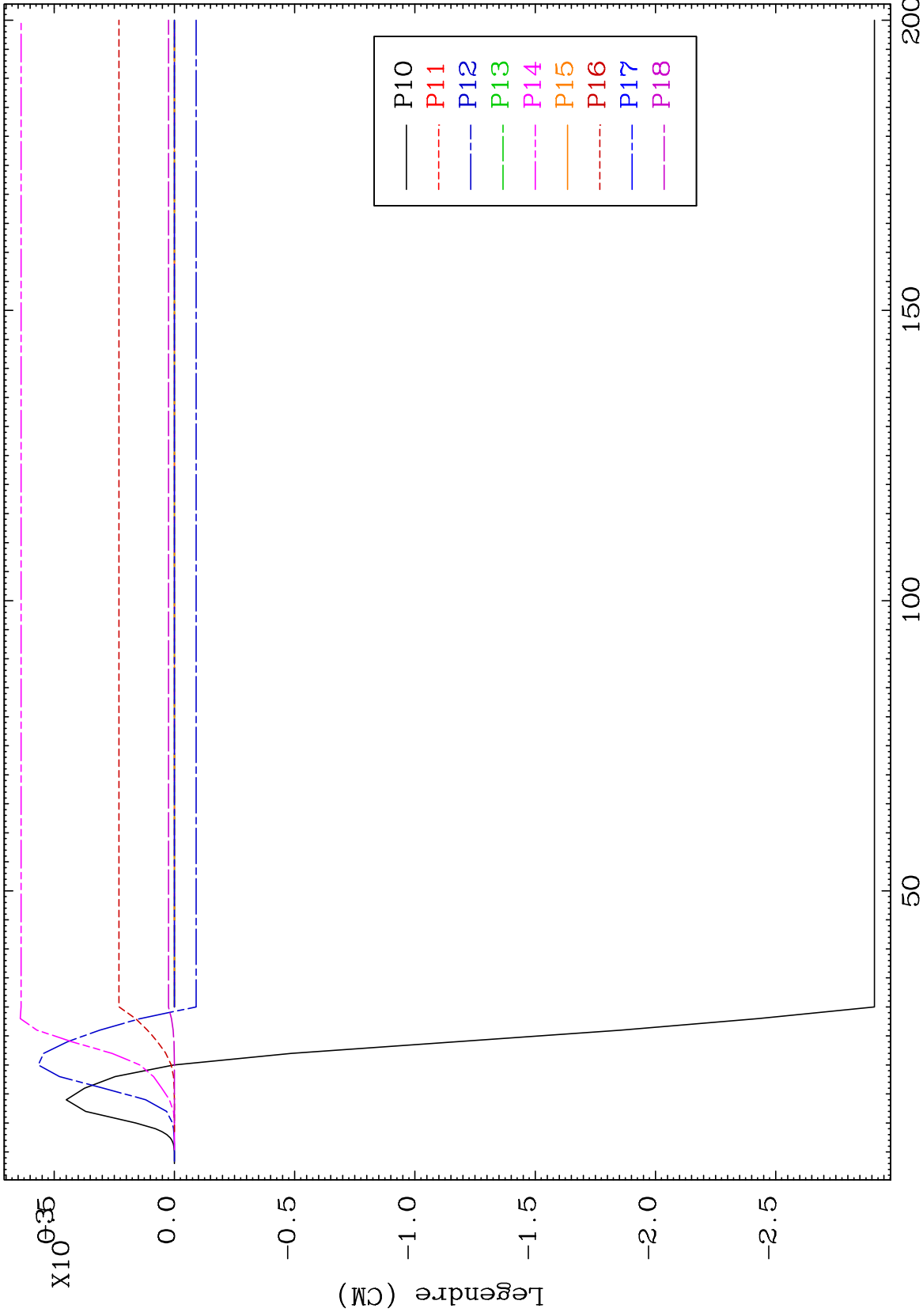


53 Incident Energy (MeV) 50-Sn-114

MAT 5031

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

50-Sn-114



54

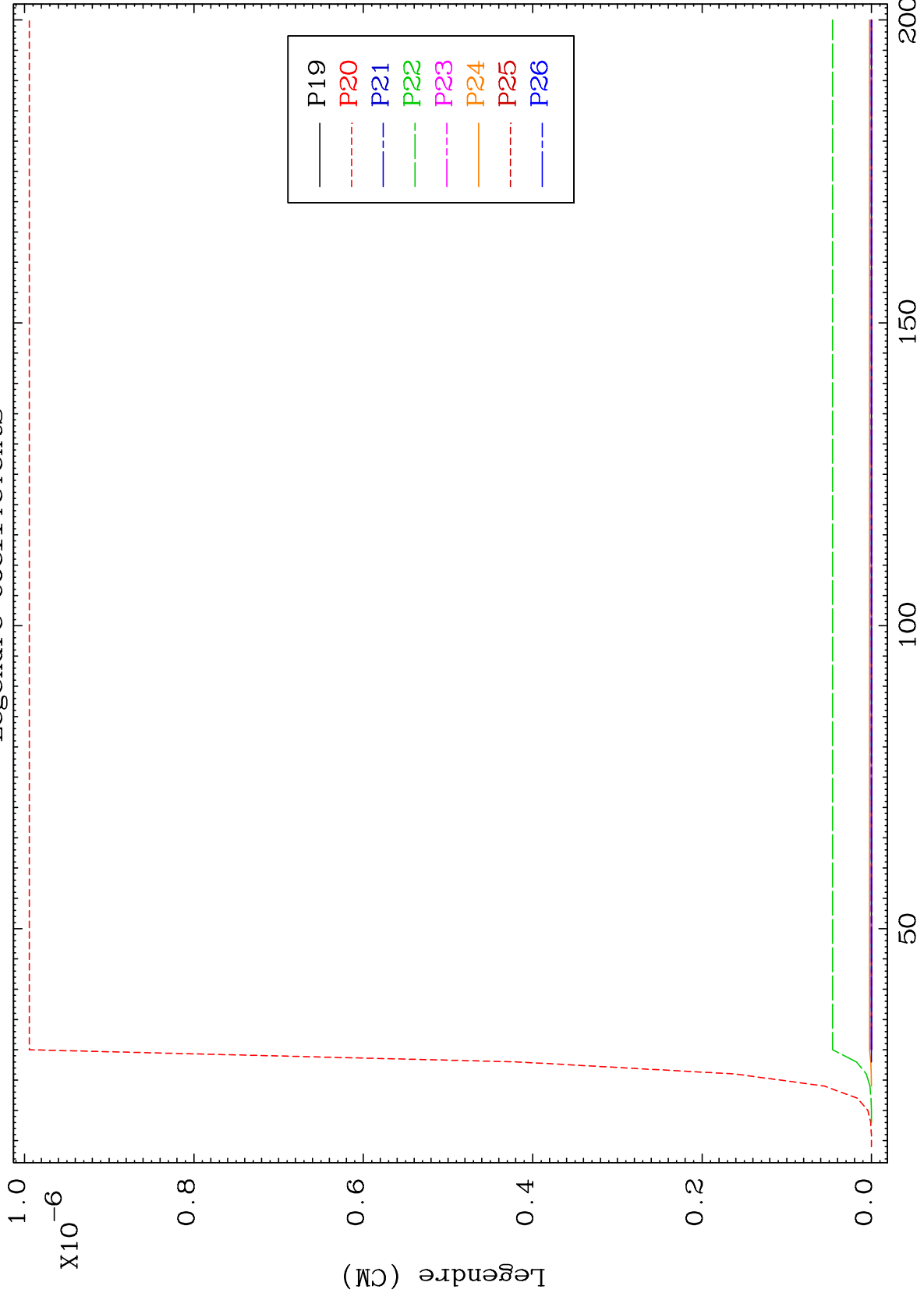
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114

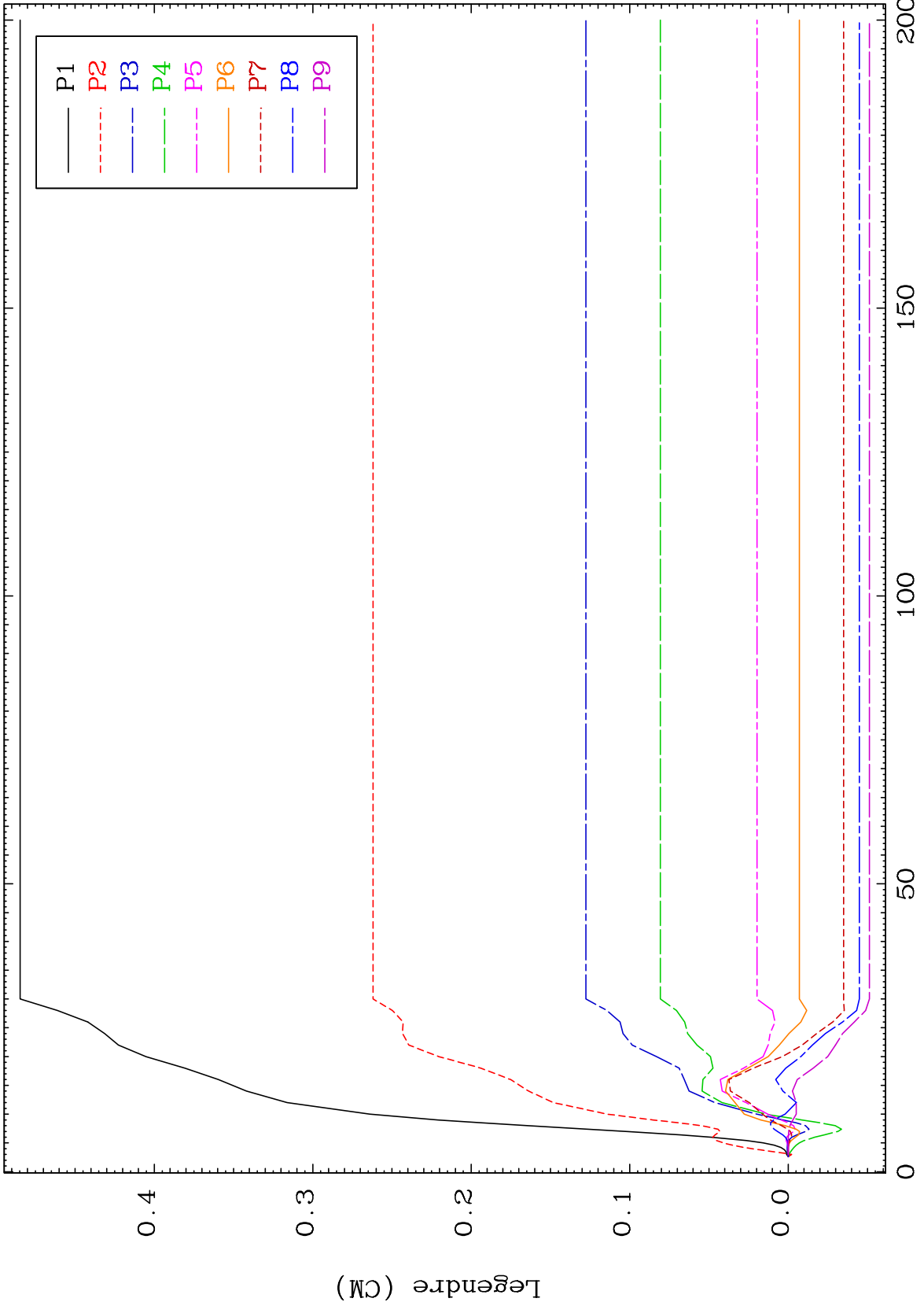


50-Sn-114

Incident Energy (MeV)

55

MAT 5031 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-114

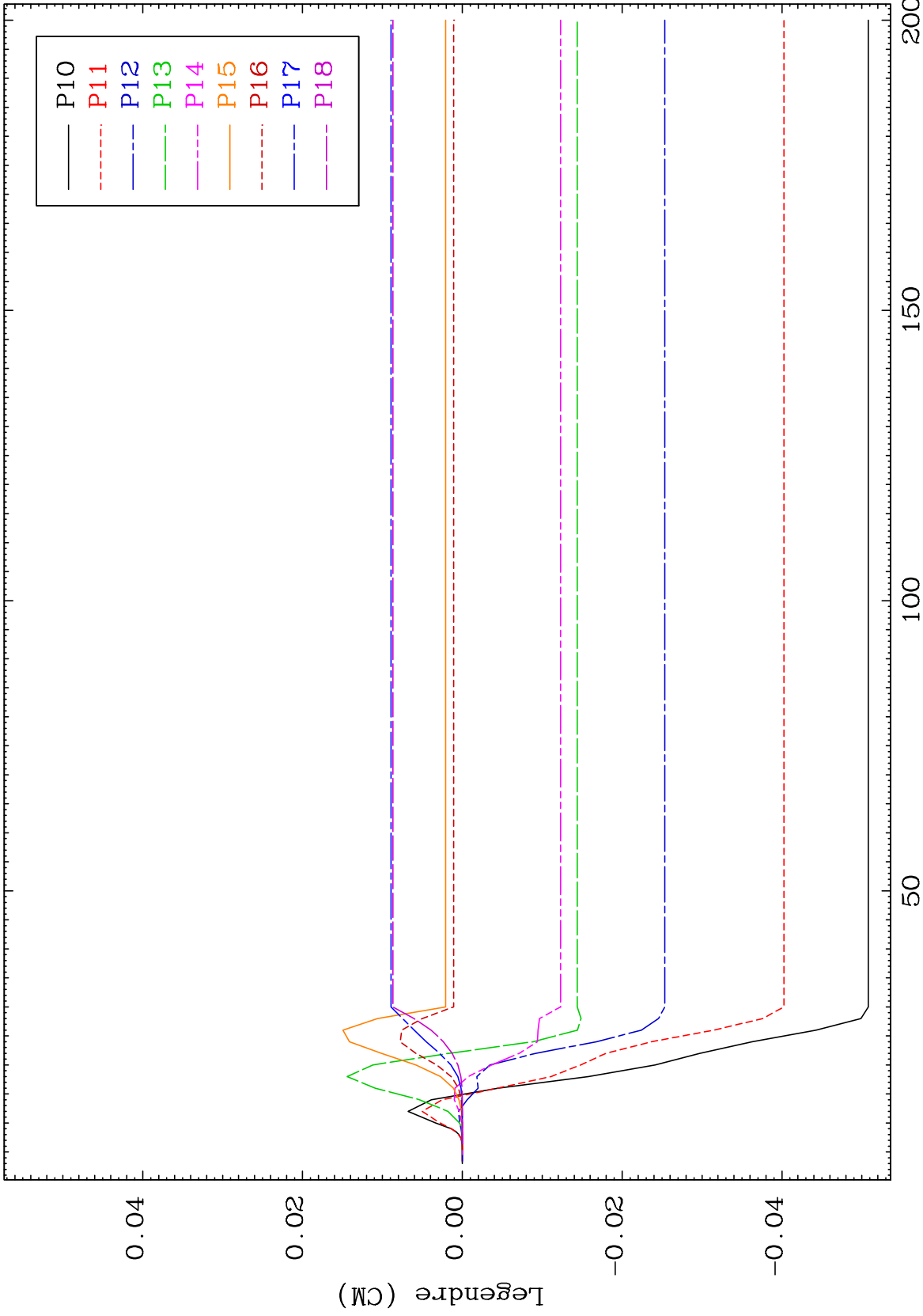


56 Incident Energy (MeV) 50-Sn-114

MAT 5031

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

50-Sn-114



57

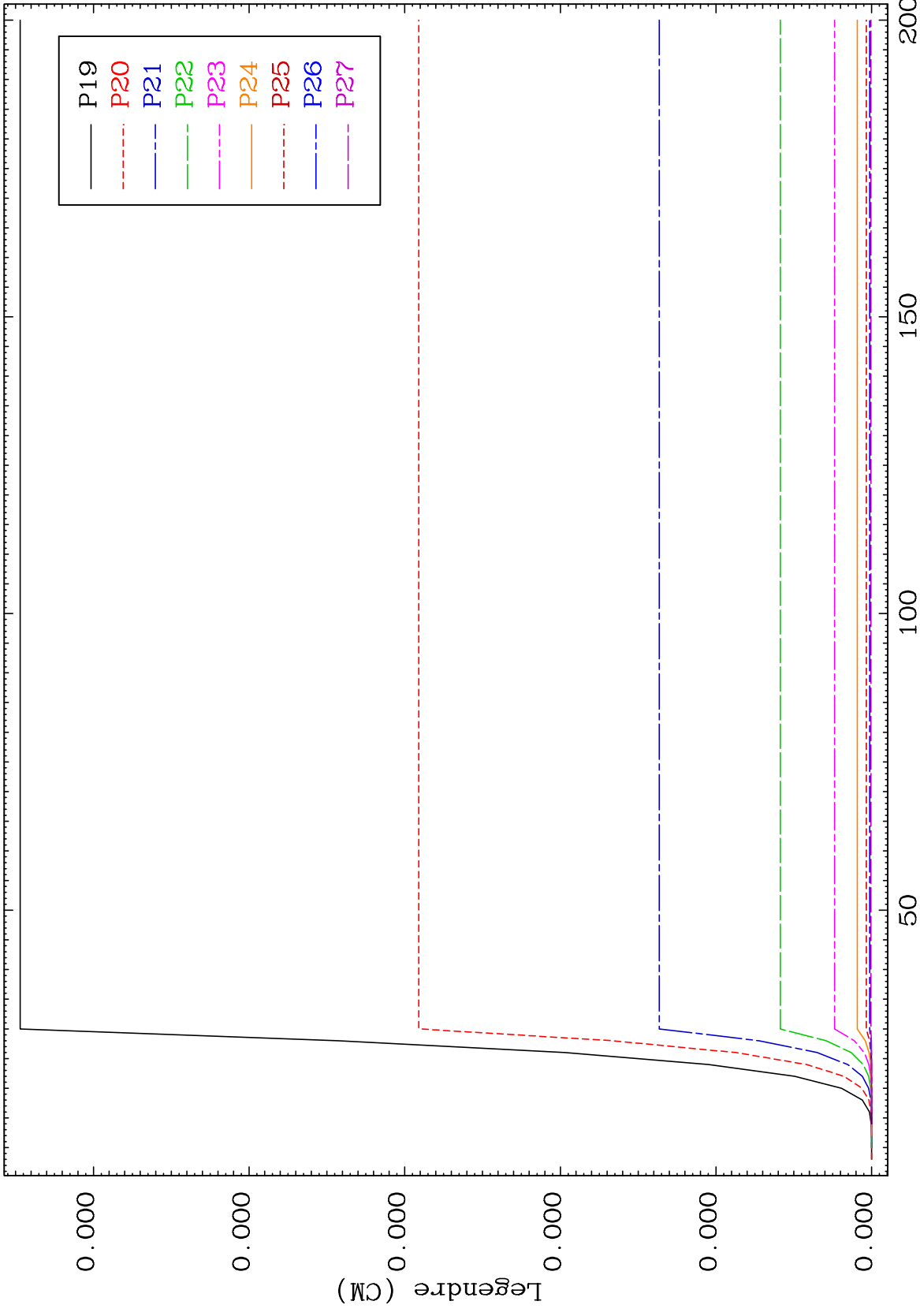
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114



50-Sn-114

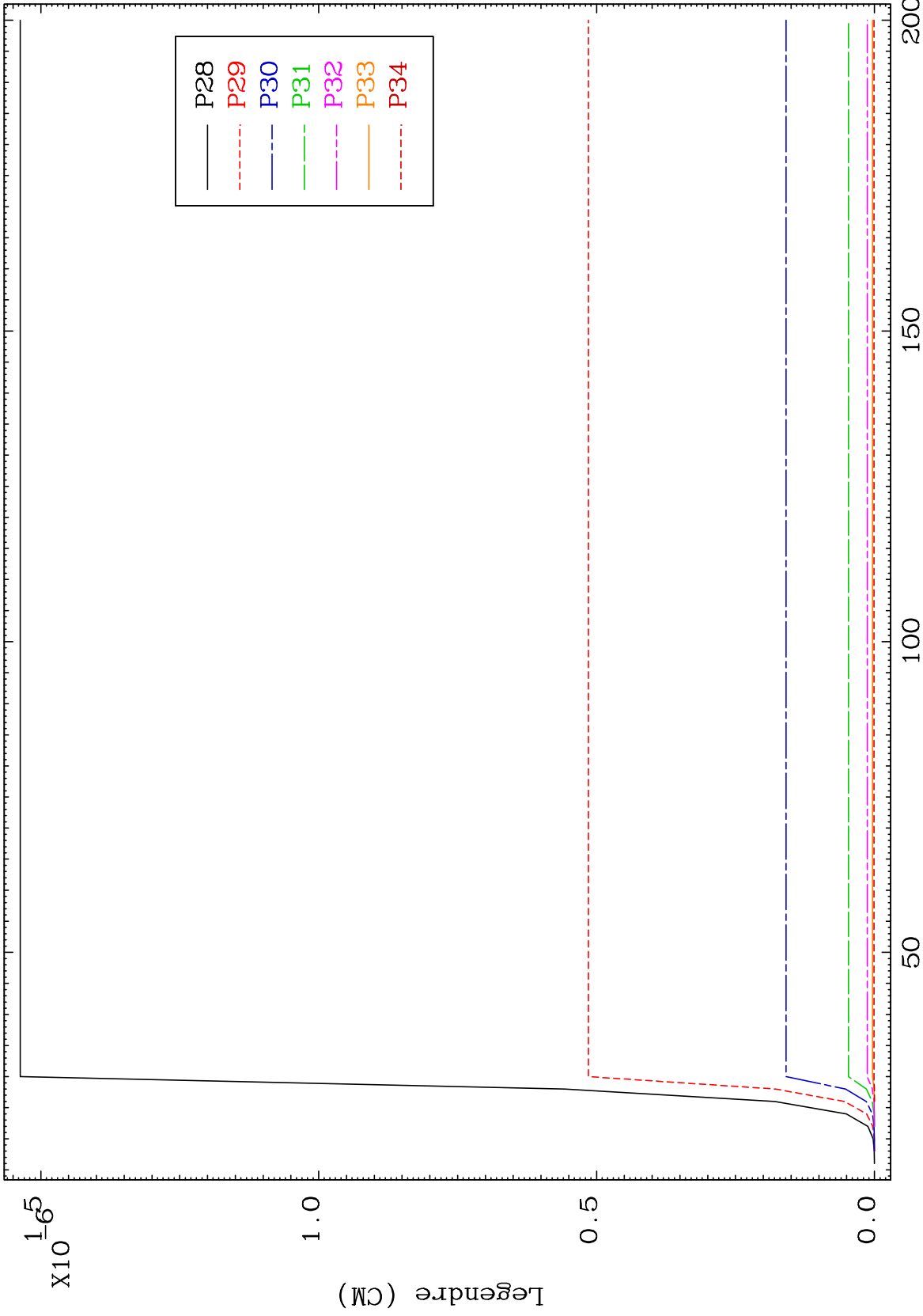
Incident Energy (MeV)

58

MAT 5031

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

50-Sn-114



59

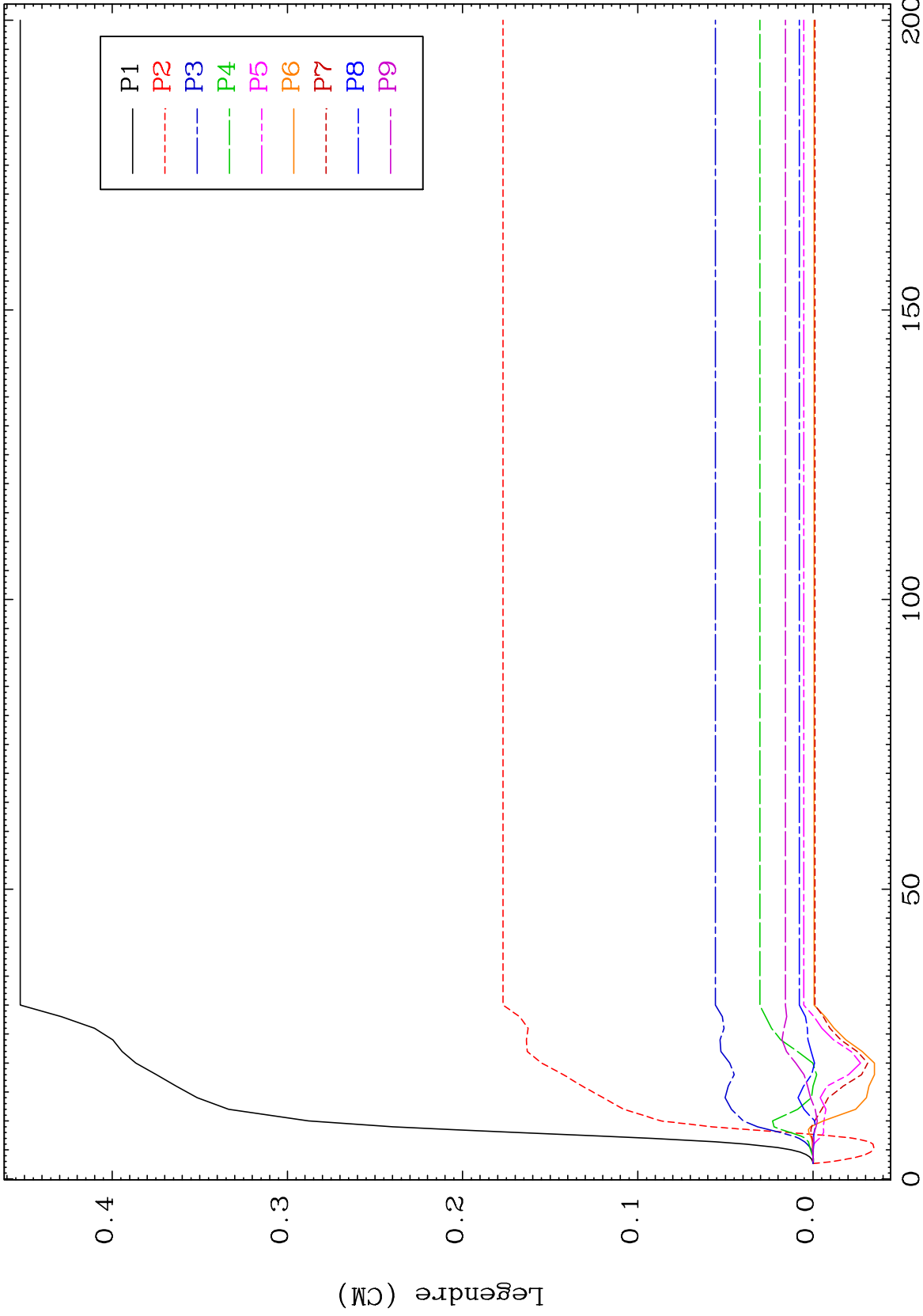
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114

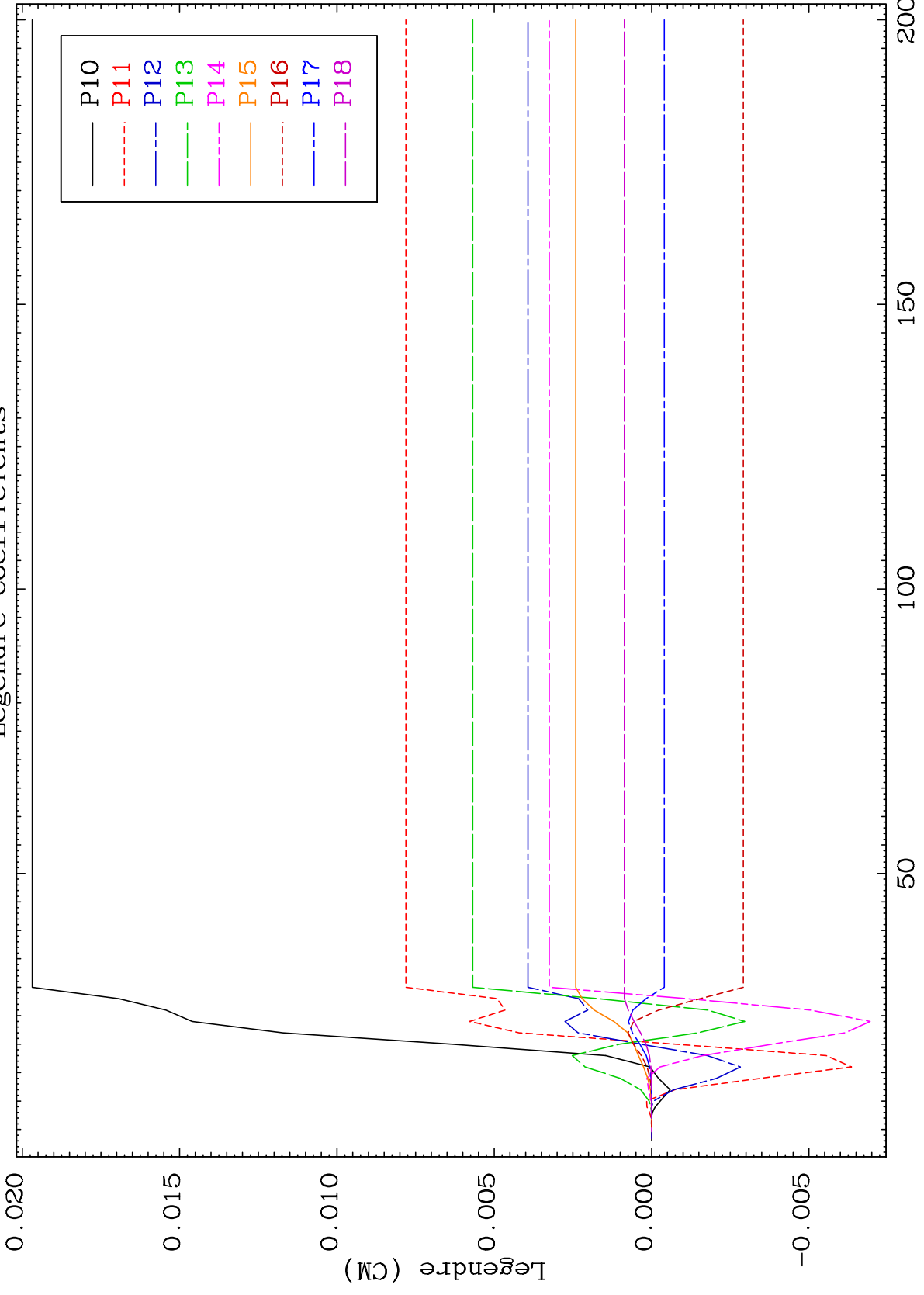


50-Sn-114

Incident Energy (MeV)

60

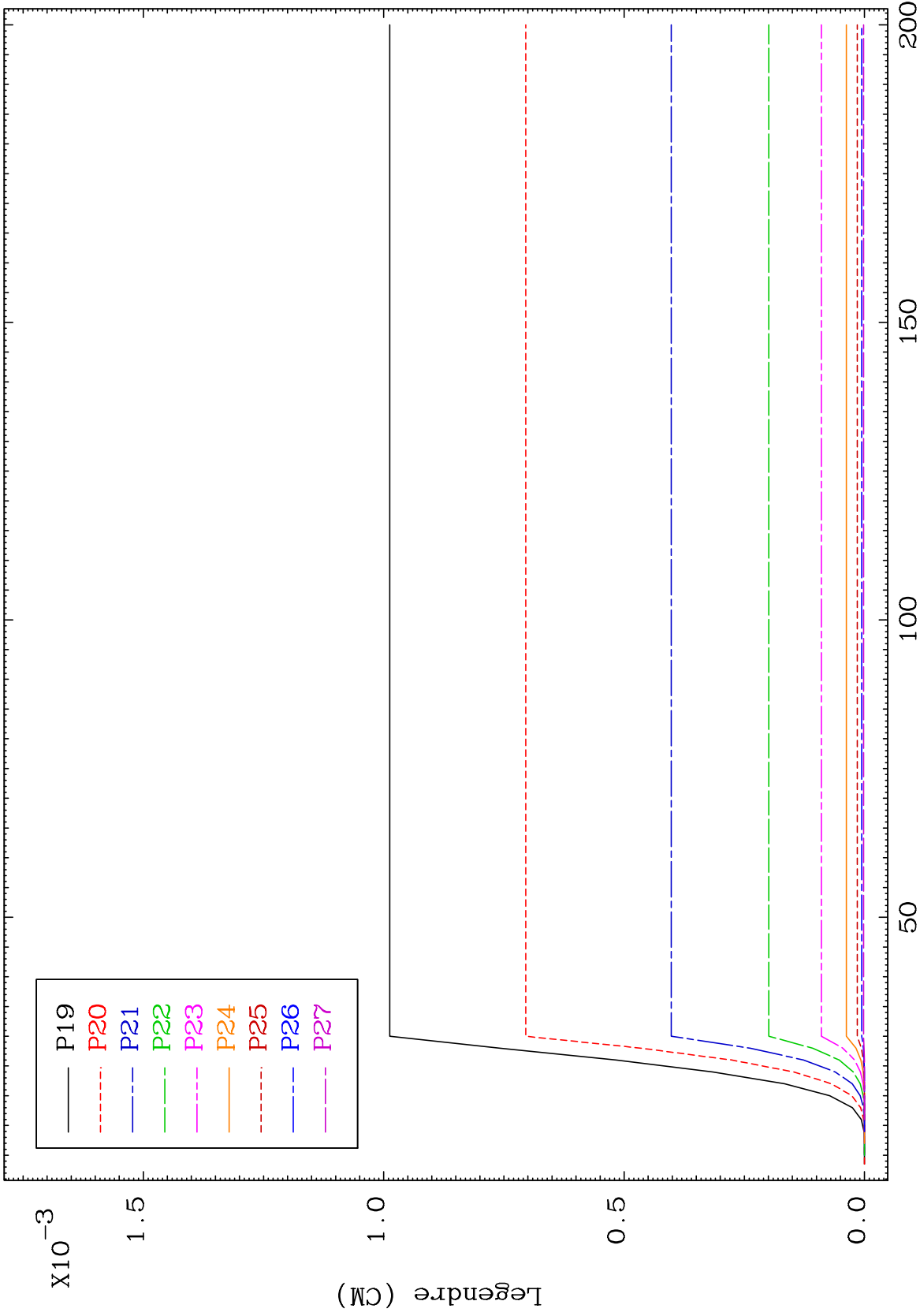
MAT 5031 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-114



MAT 5031

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

50-Sn-114



62

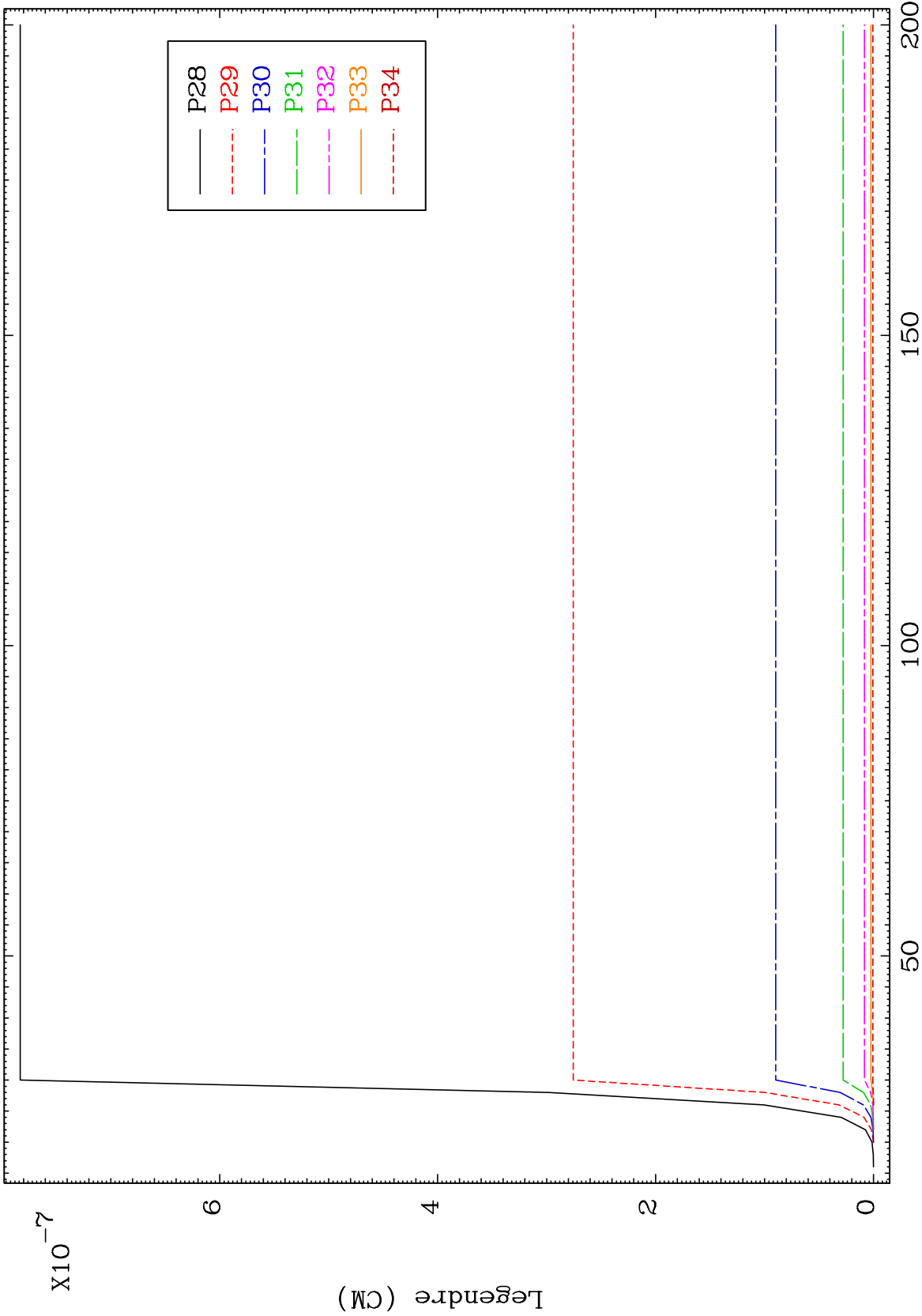
50-Sn-114

50-Sn-114

MAT 5031

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

50-Sn-114



63

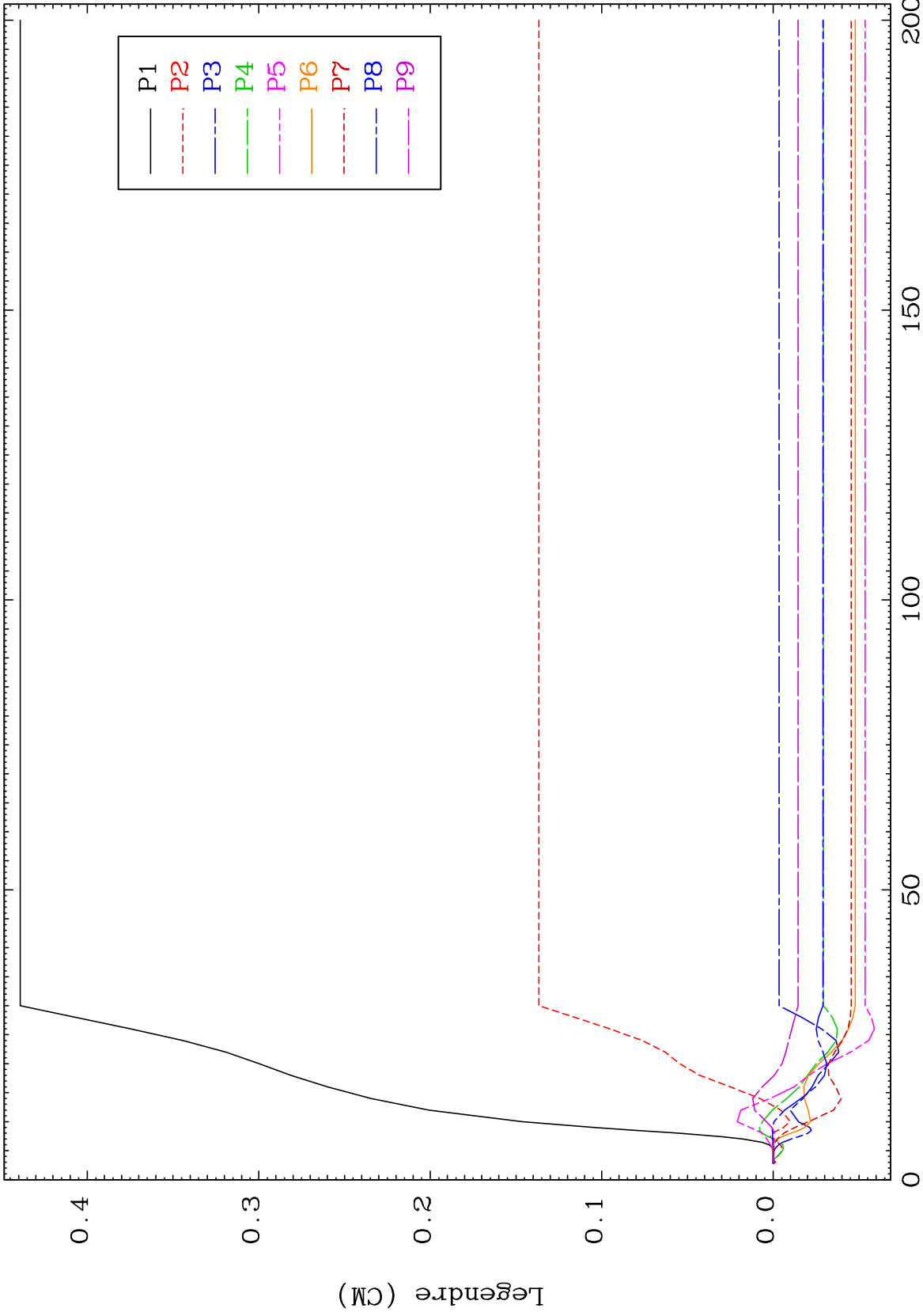
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114

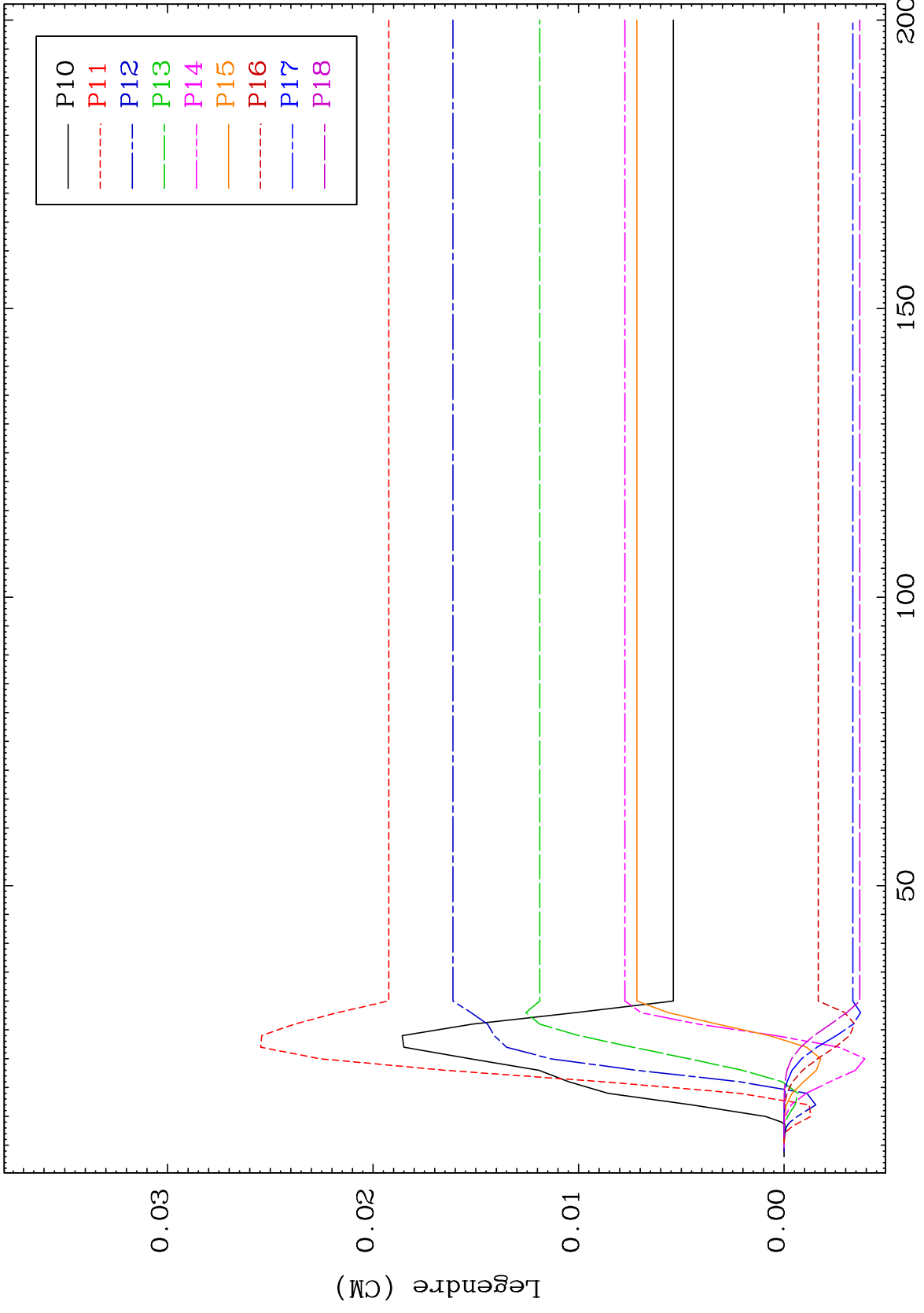


64

Incident Energy (MeV)

50-Sn-114

MAT 5031 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-114

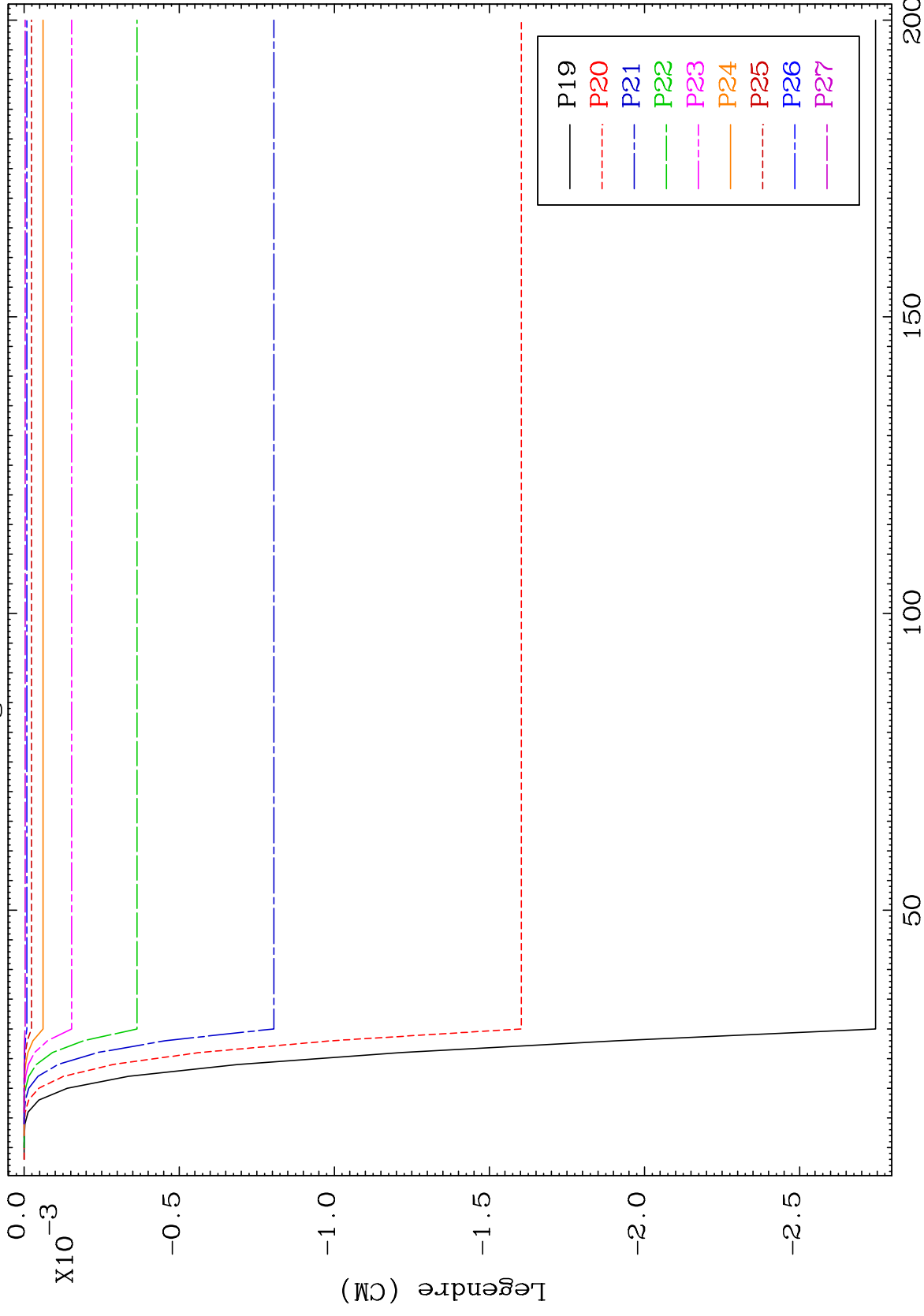


65 Incident Energy (MeV) 50-Sn-114

MAT 5031

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

50-Sn-114



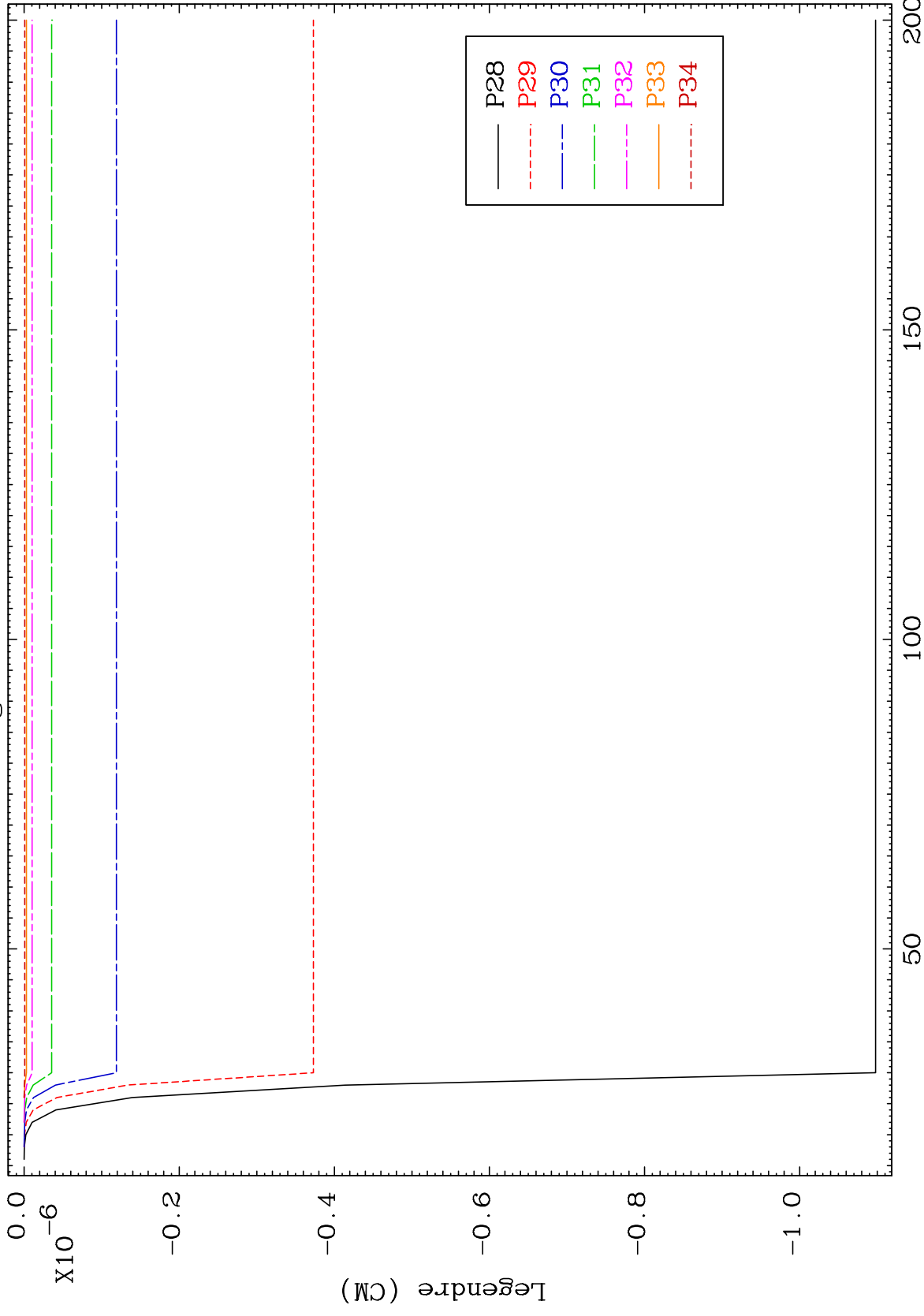
66

50-Sn-114

MAT 5031

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

50-Sn-114

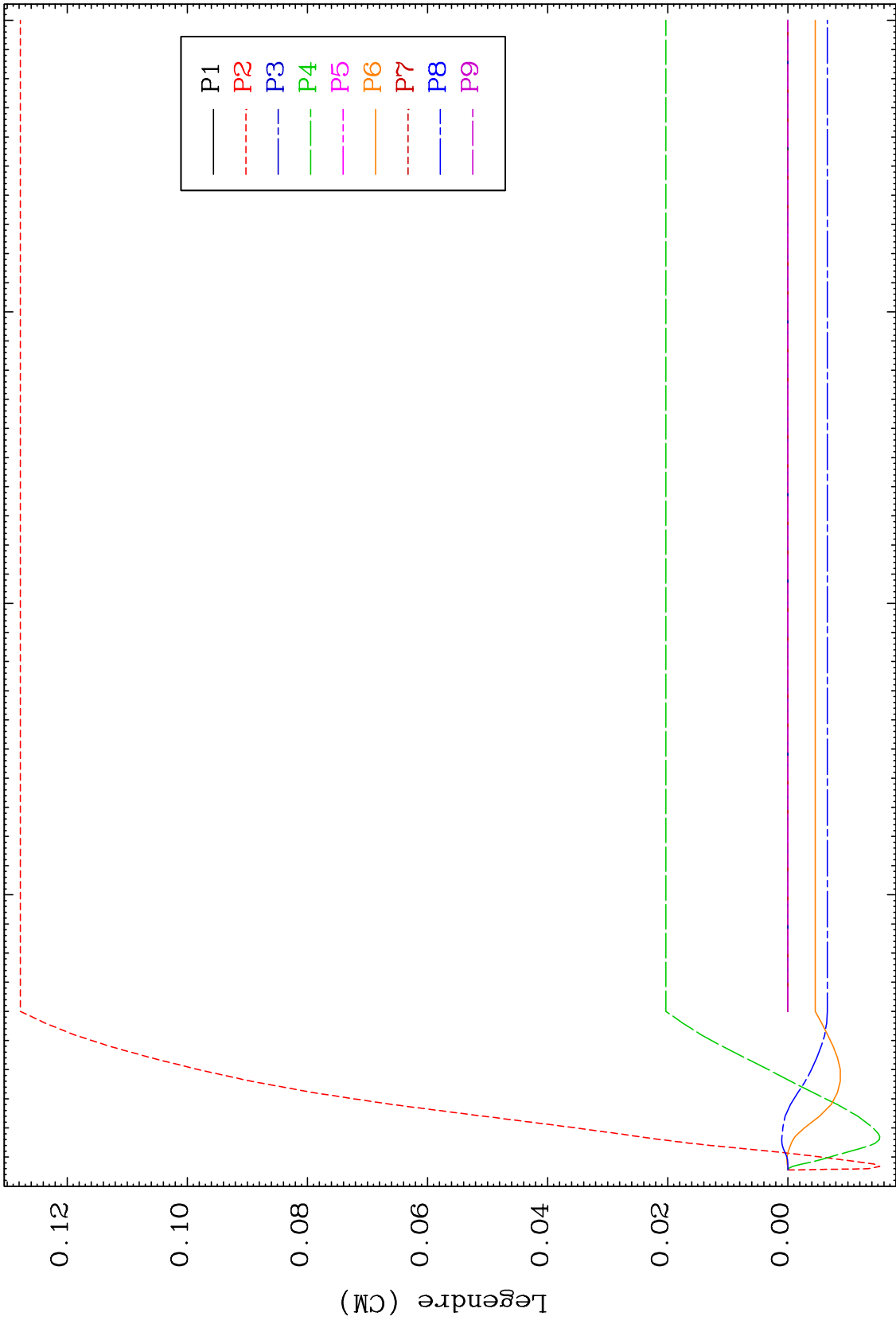


50-Sn-114

Incident Energy (MeV)

67

MAT 5031 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-114

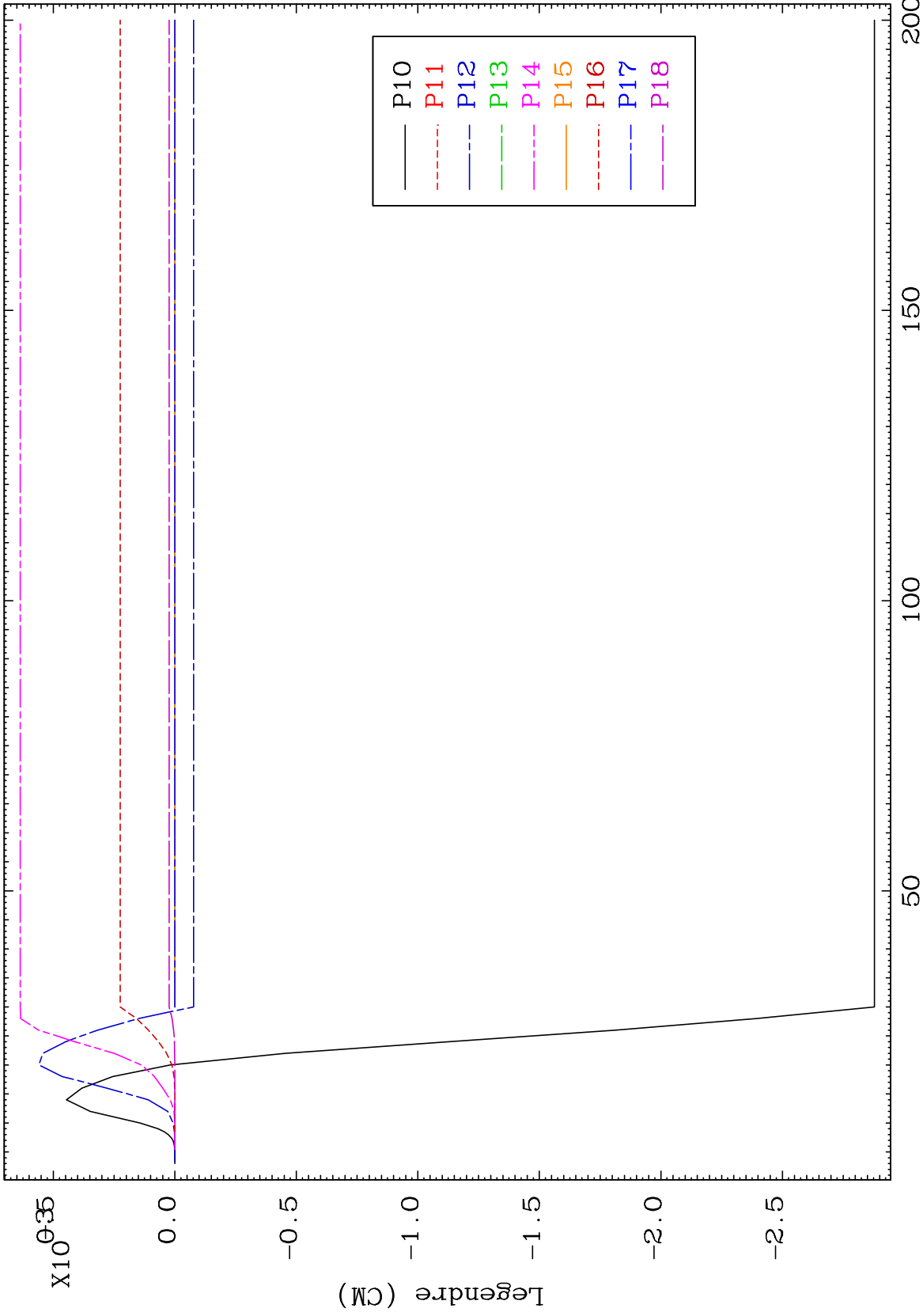


68 50-Sn-114

MAT 5031

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

50-Sn-114

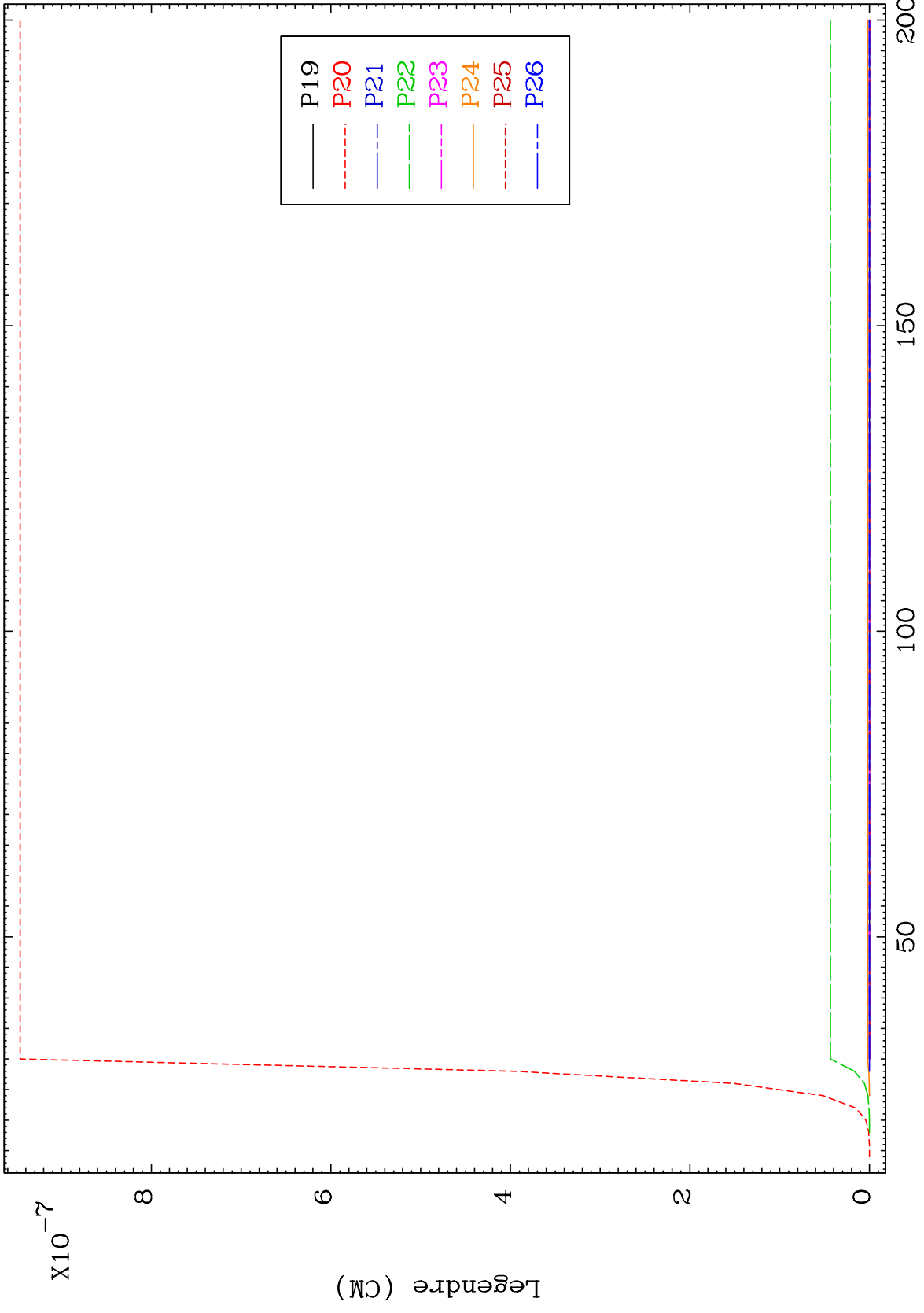


69

Incident Energy (MeV)

50-Sn-114

MAT 5031 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-114

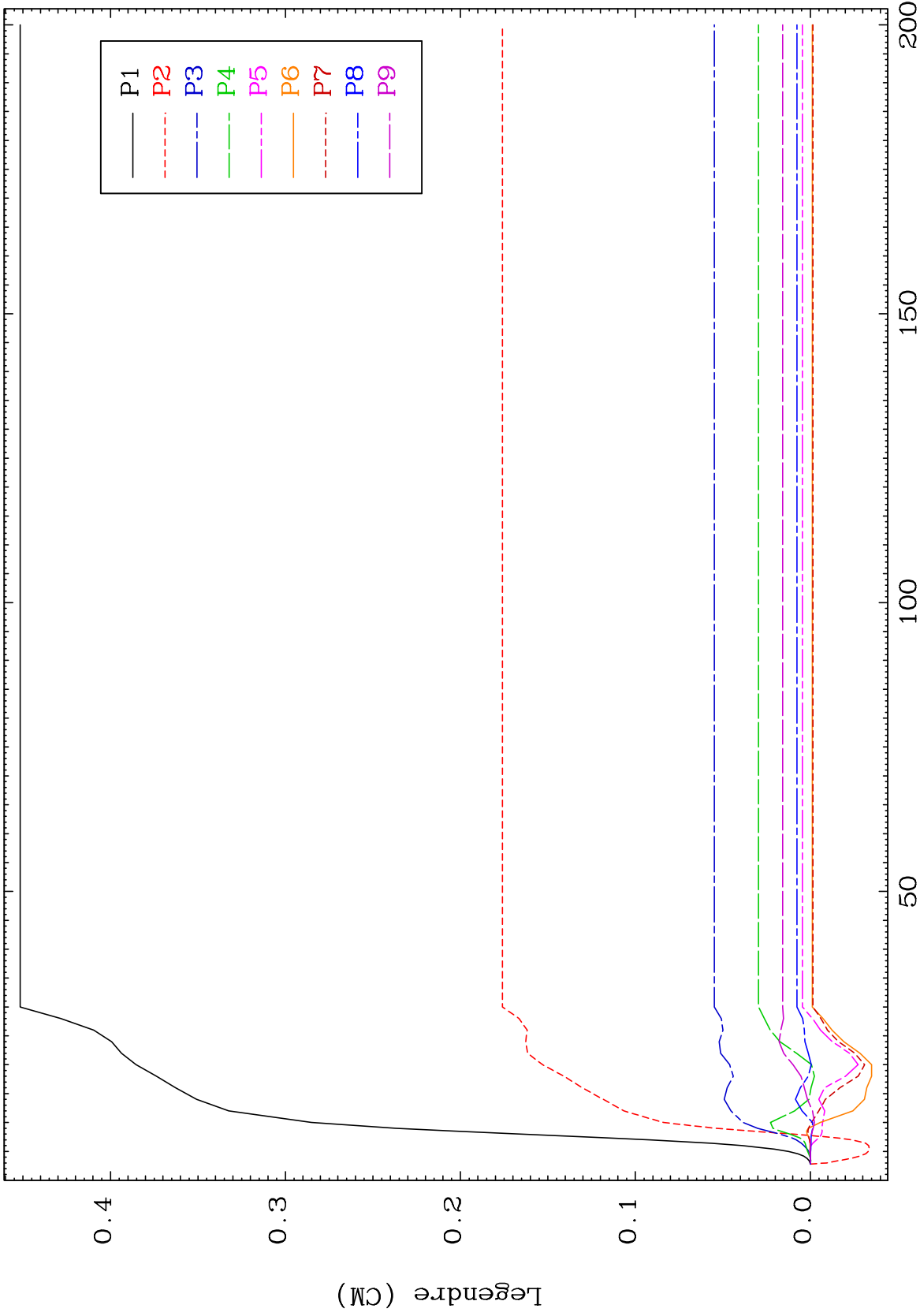


70 50 100 150 200 Incident Energy (MeV) 50-Sn-114

MAT 5031

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

50-Sn-114

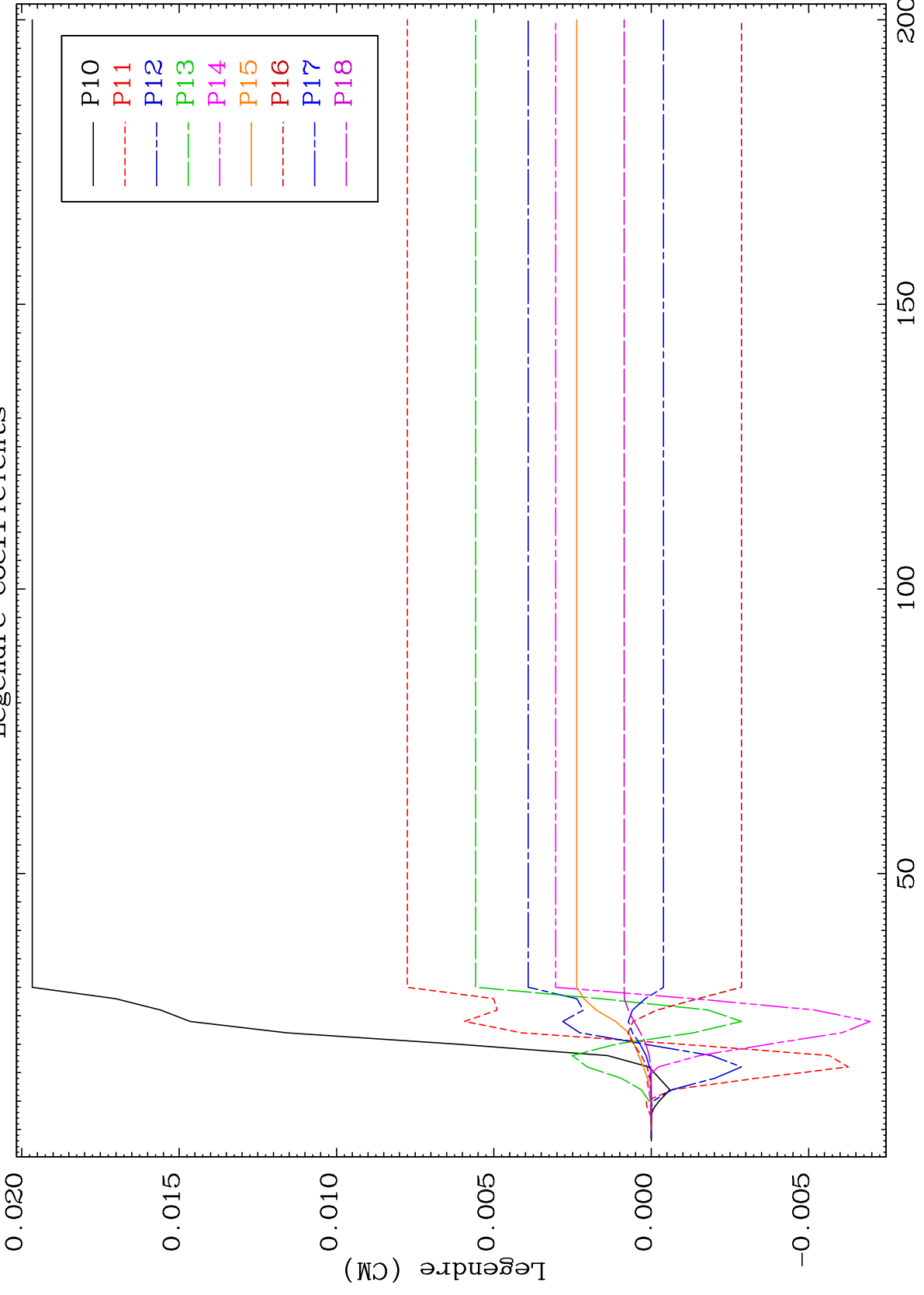


71

Incident Energy (MeV)

50-Sn-114

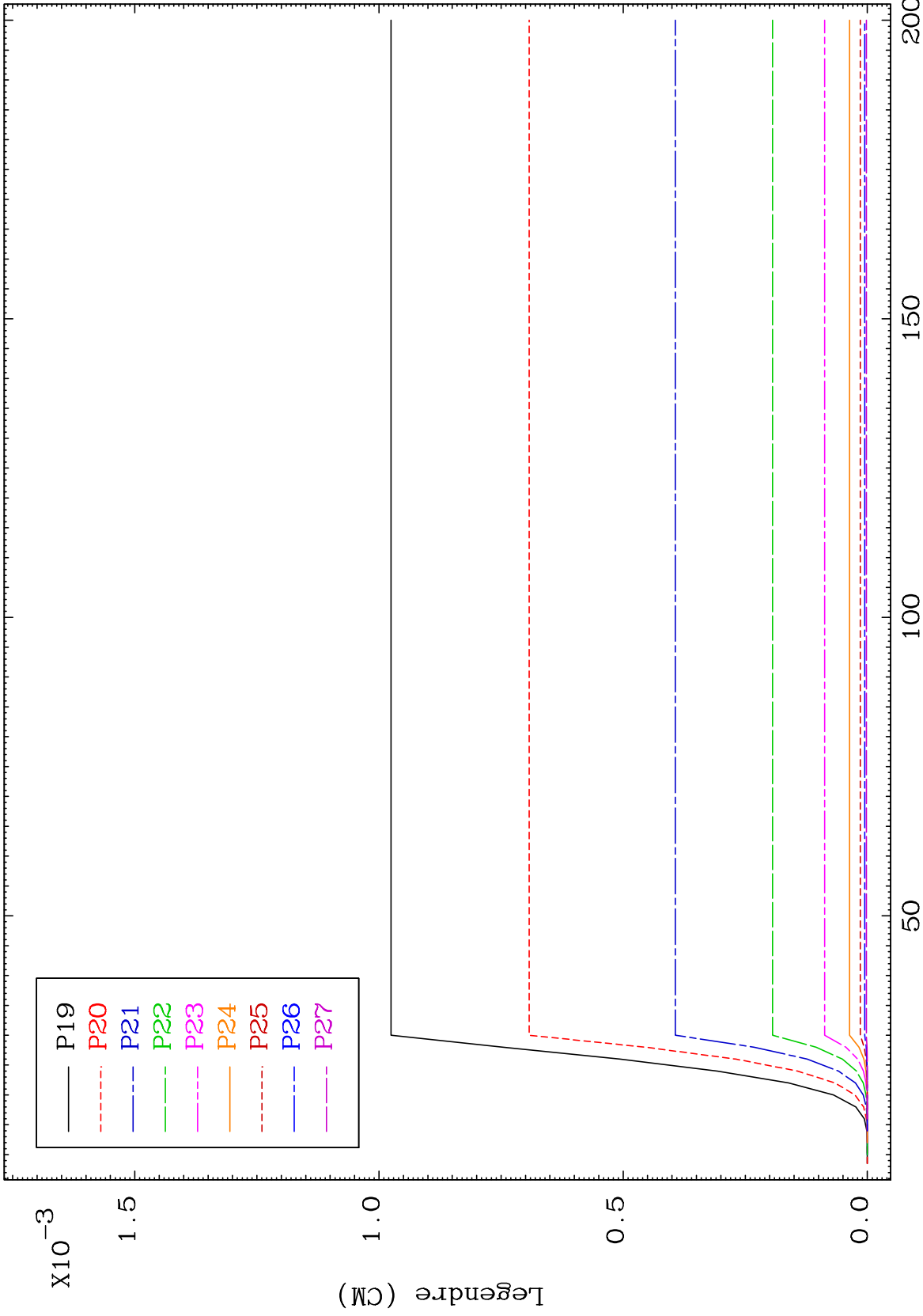
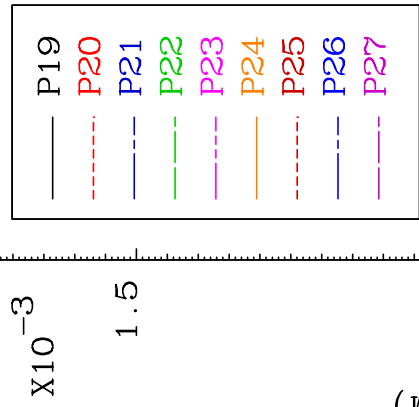
MAT 5031 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-114



MAT 5031

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

50-Sn-114



73

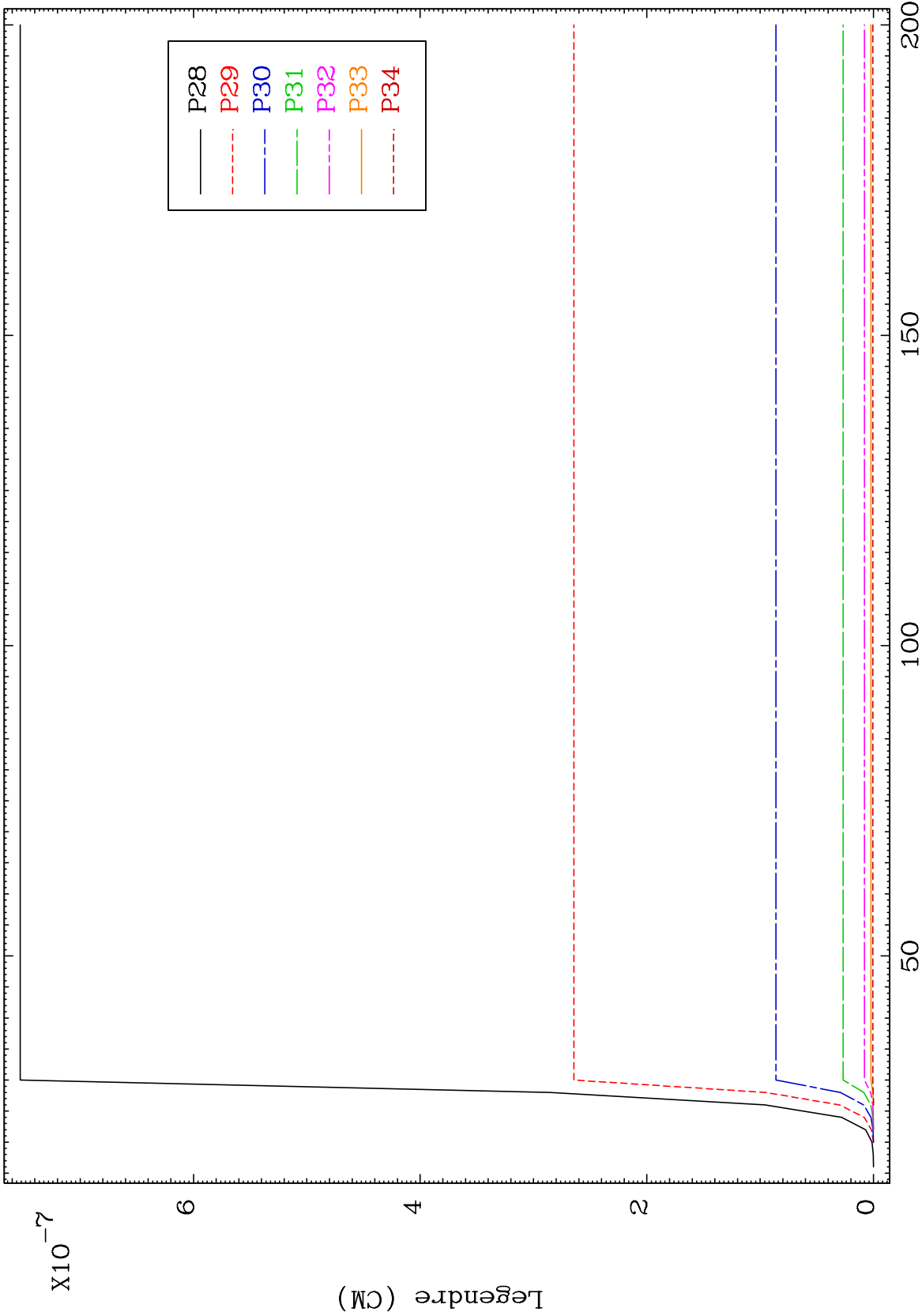
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114

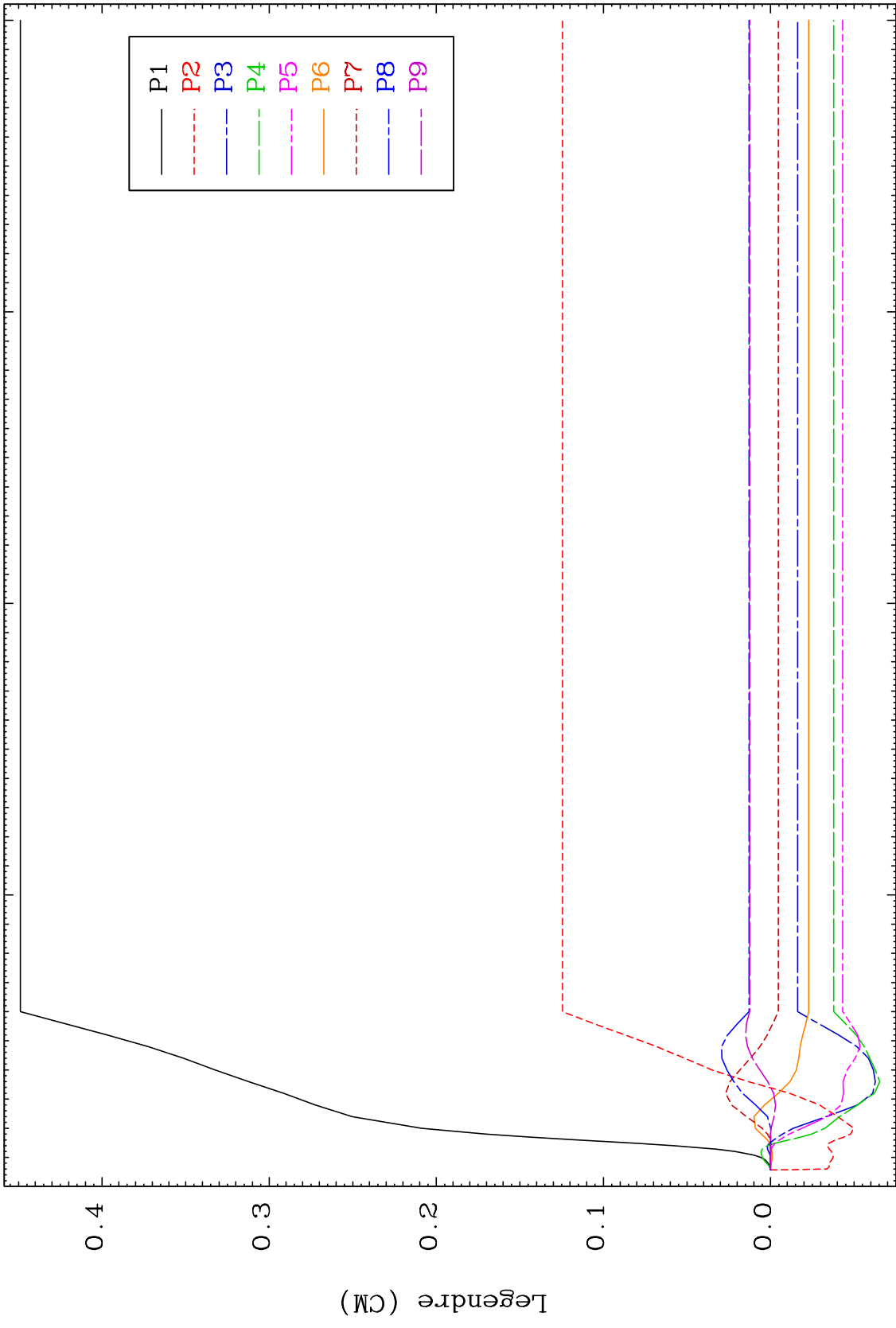


74

Incident Energy (MeV)

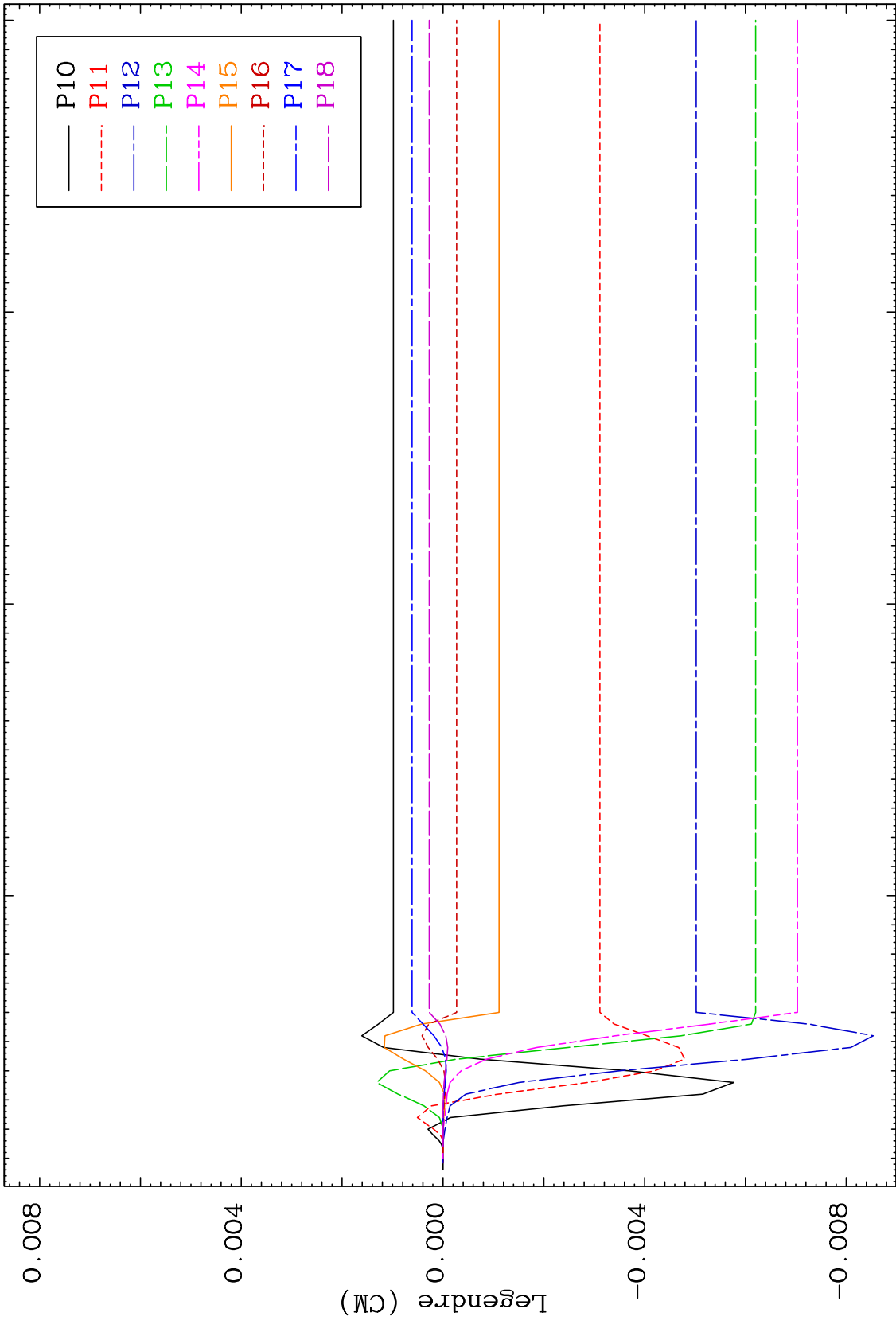
50-Sn-114

MAT 5031 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-114



75 Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-114

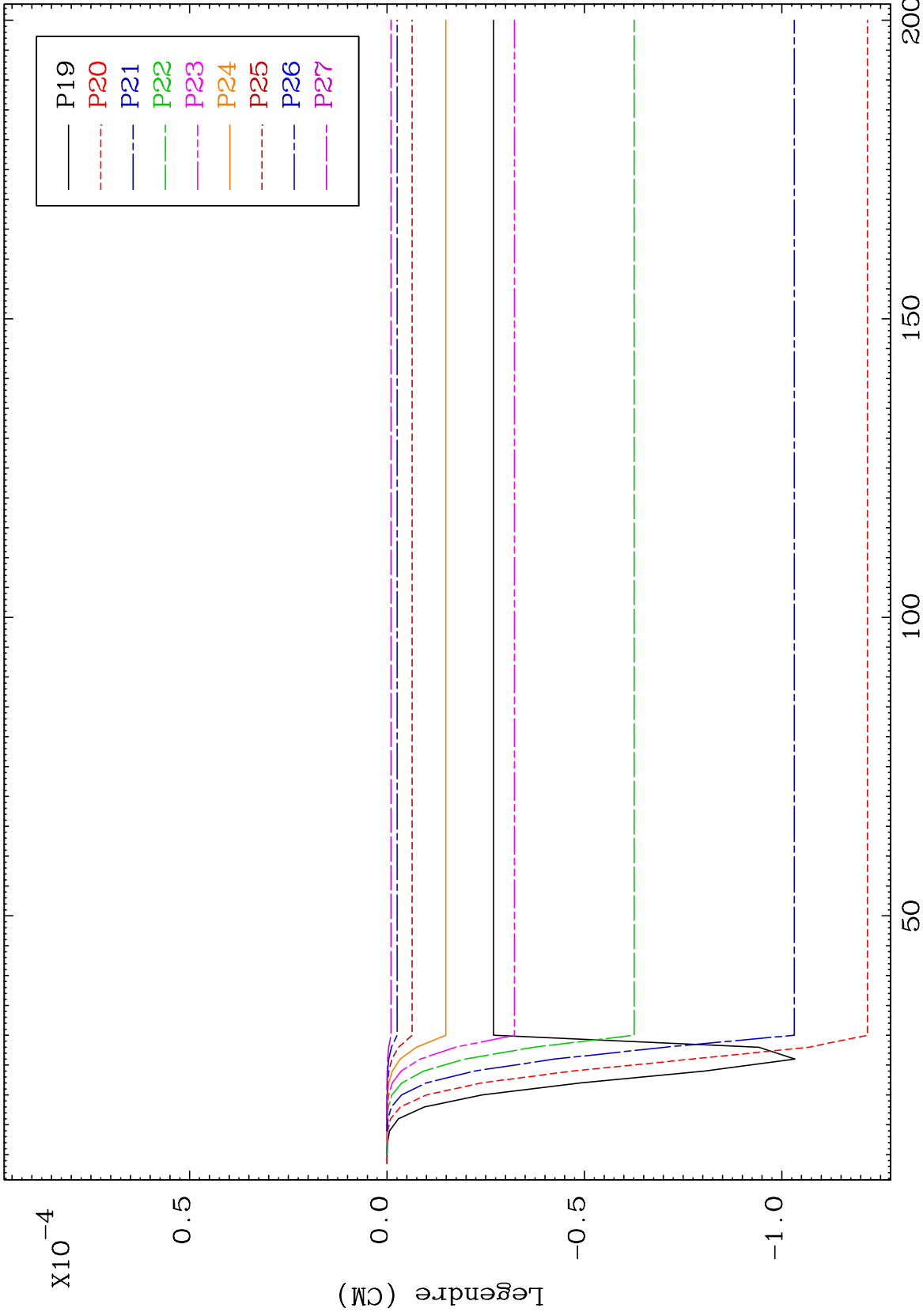


76 50-Sn-114

MAT 5031

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

50-Sn-114



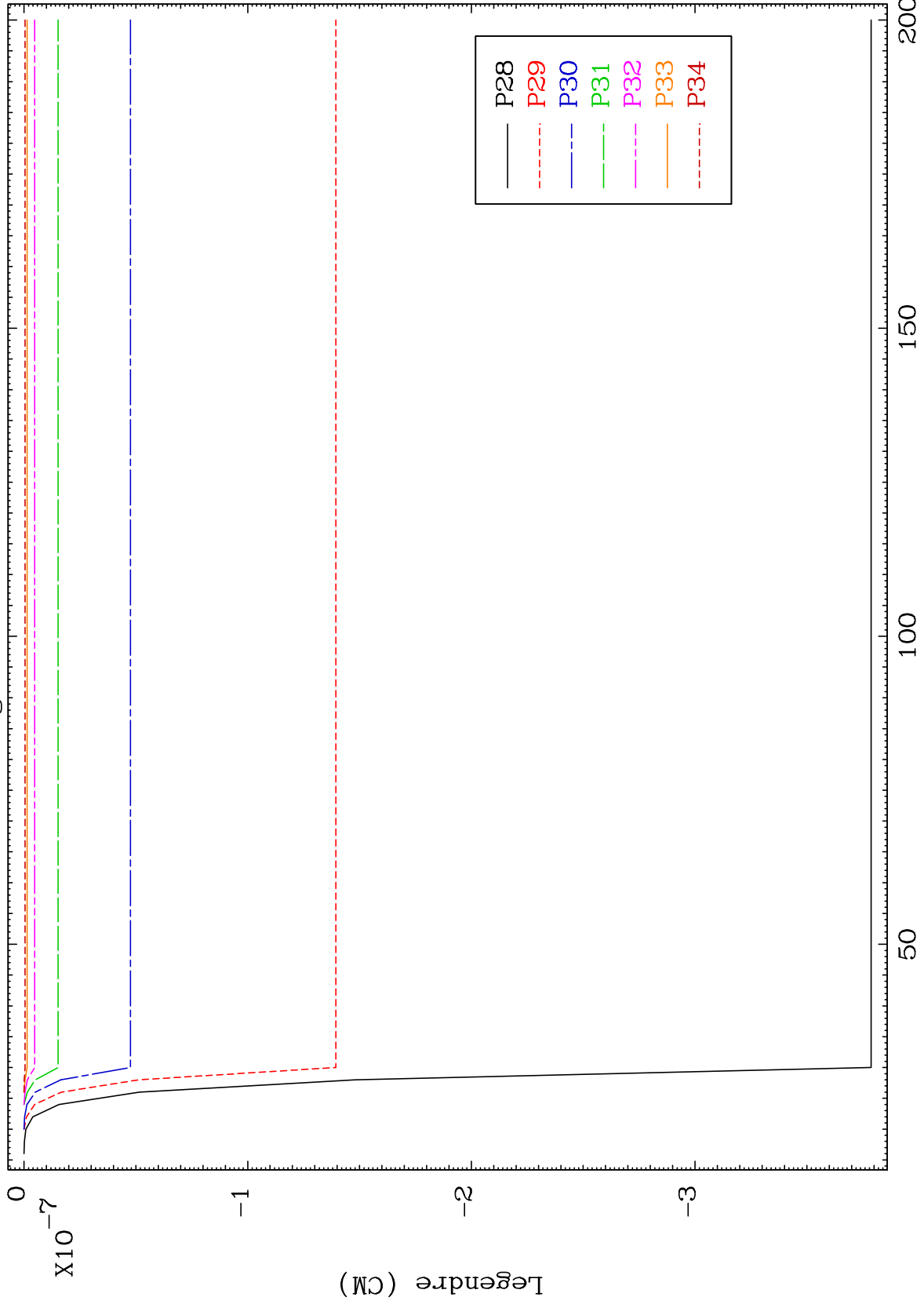
77

50-Sn-114

MAT 5031

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

50-Sn-114



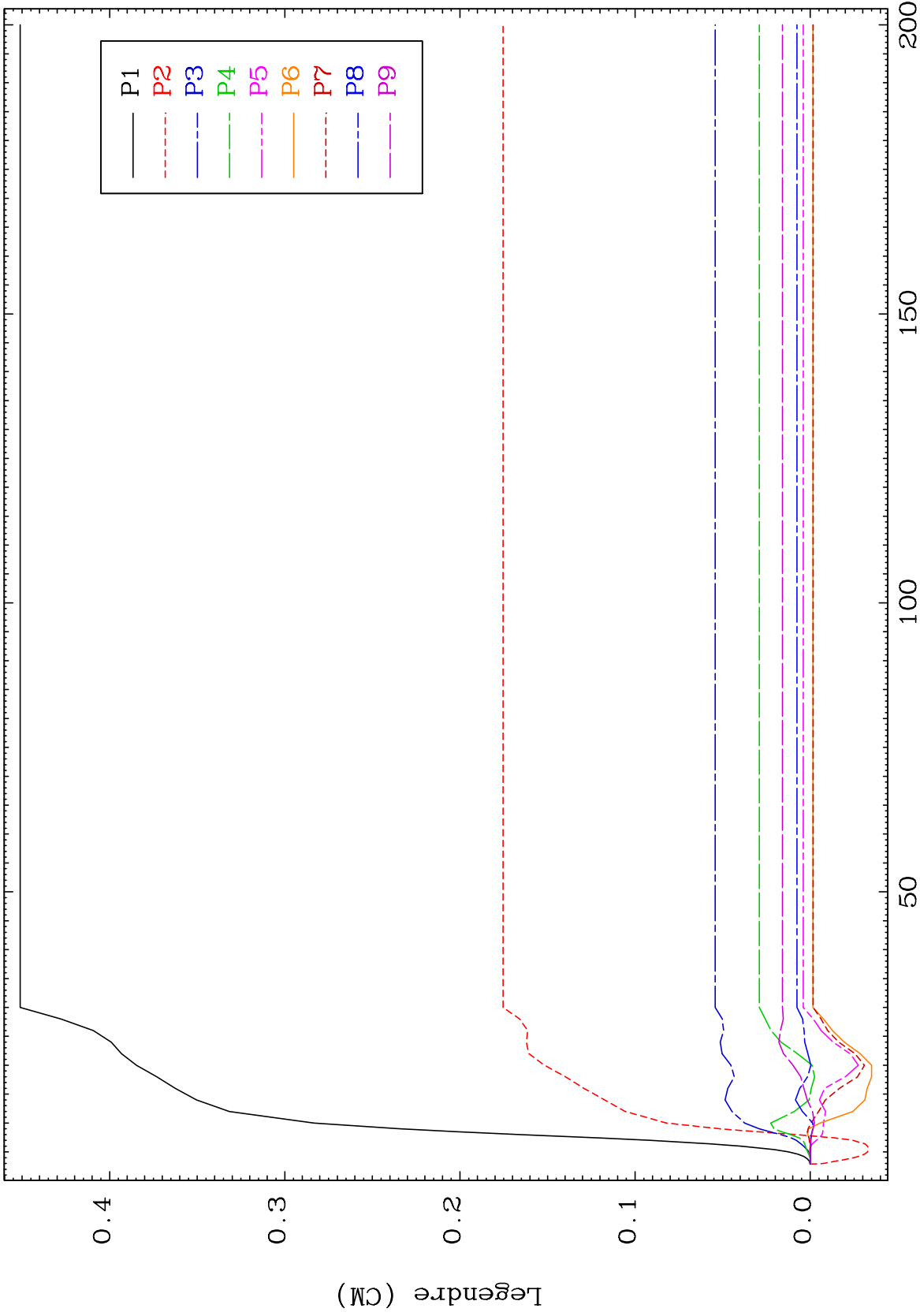
78

50-Sn-114

MAT 5031

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

50-Sn-114



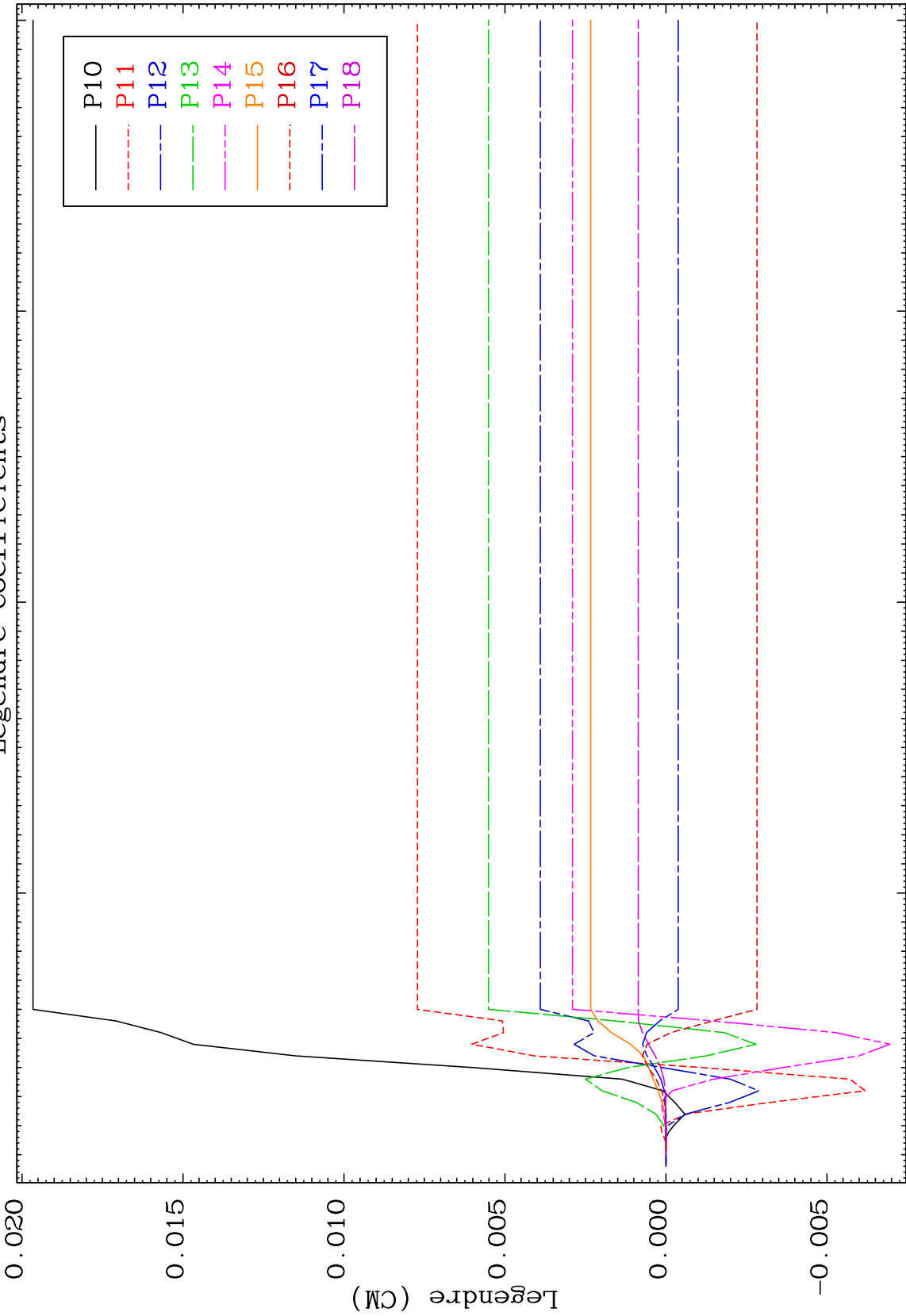
79

Incident Energy (MeV)

50-Sn-114

MAT 5031 MT= 67 (n,n') Level Legendre Coefficients

50-Sn-114



50-Sn-114

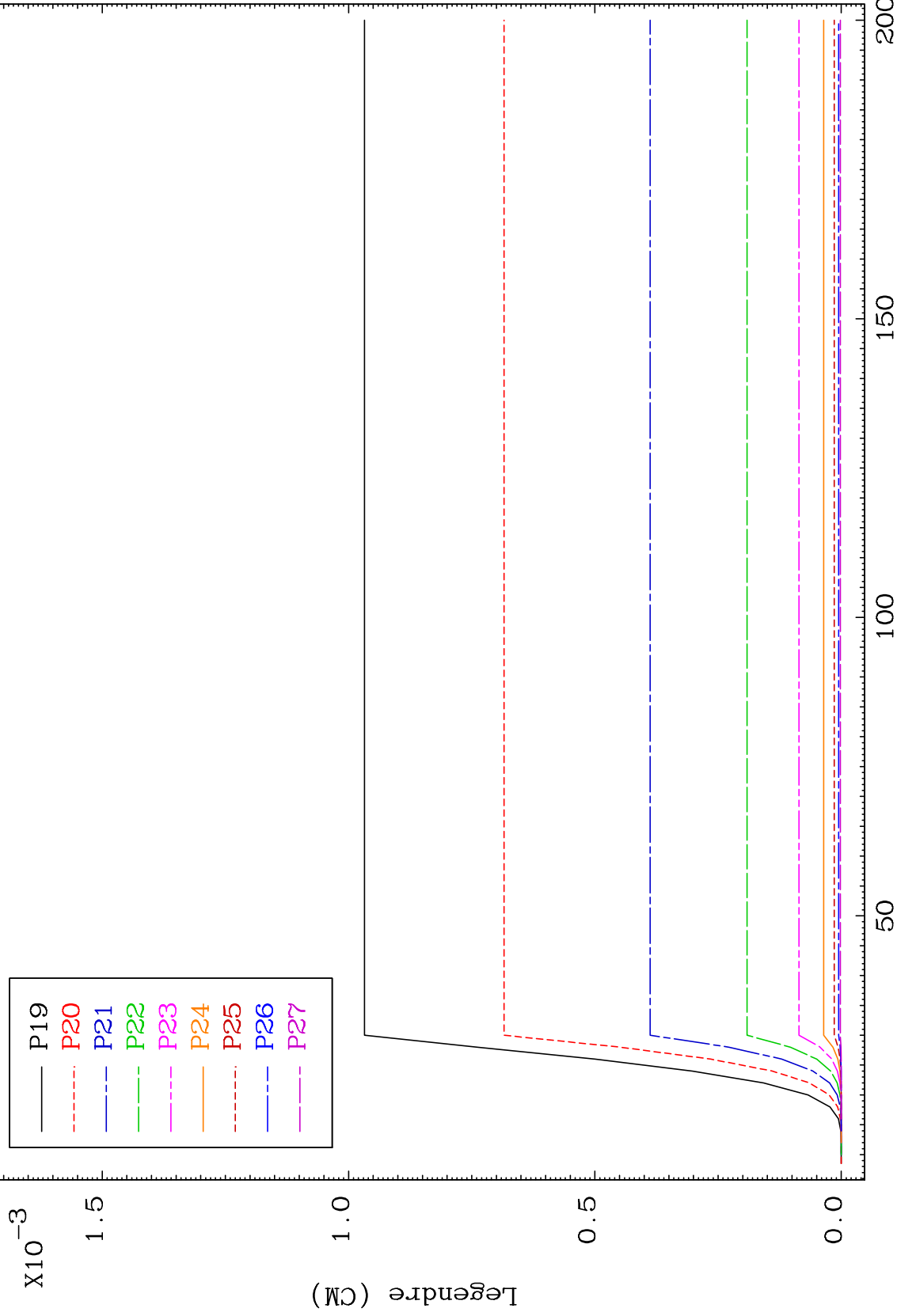
Incident Energy (MeV)

80

MAT 5031

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

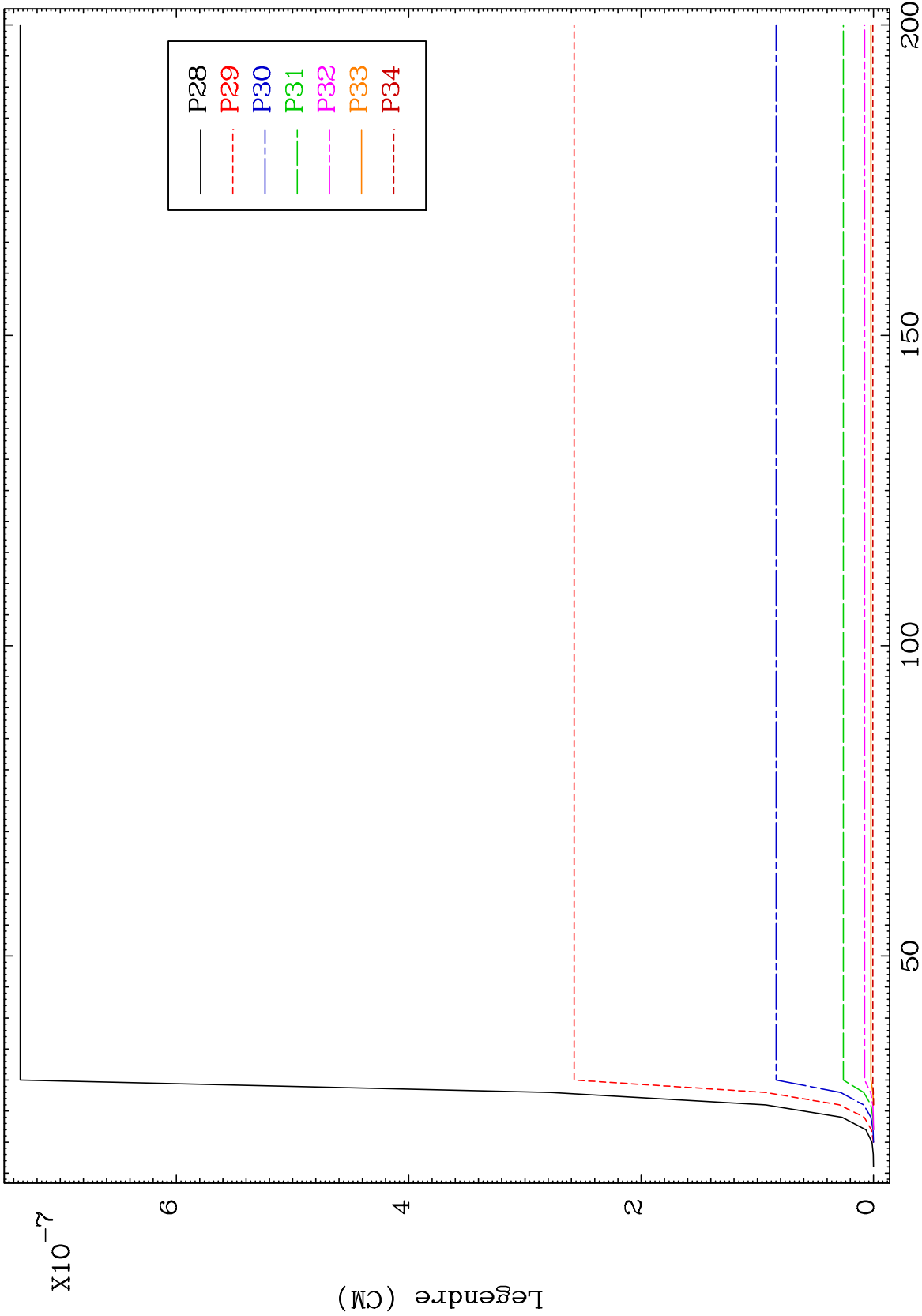
50-Sn-114



MAT 5031

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

50-Sn-114



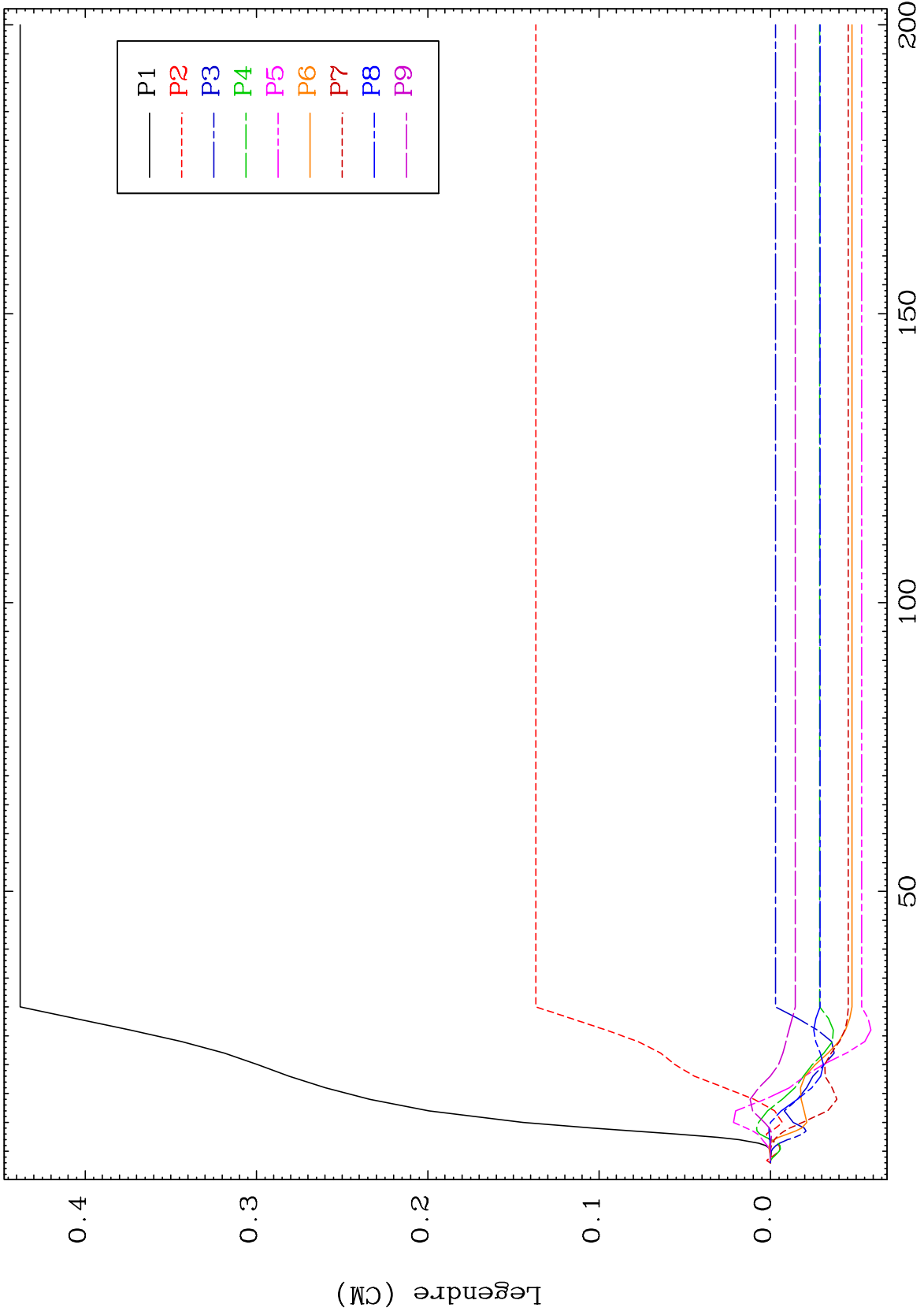
82

50-Sn-114

MAT 5031

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

50-Sn-114

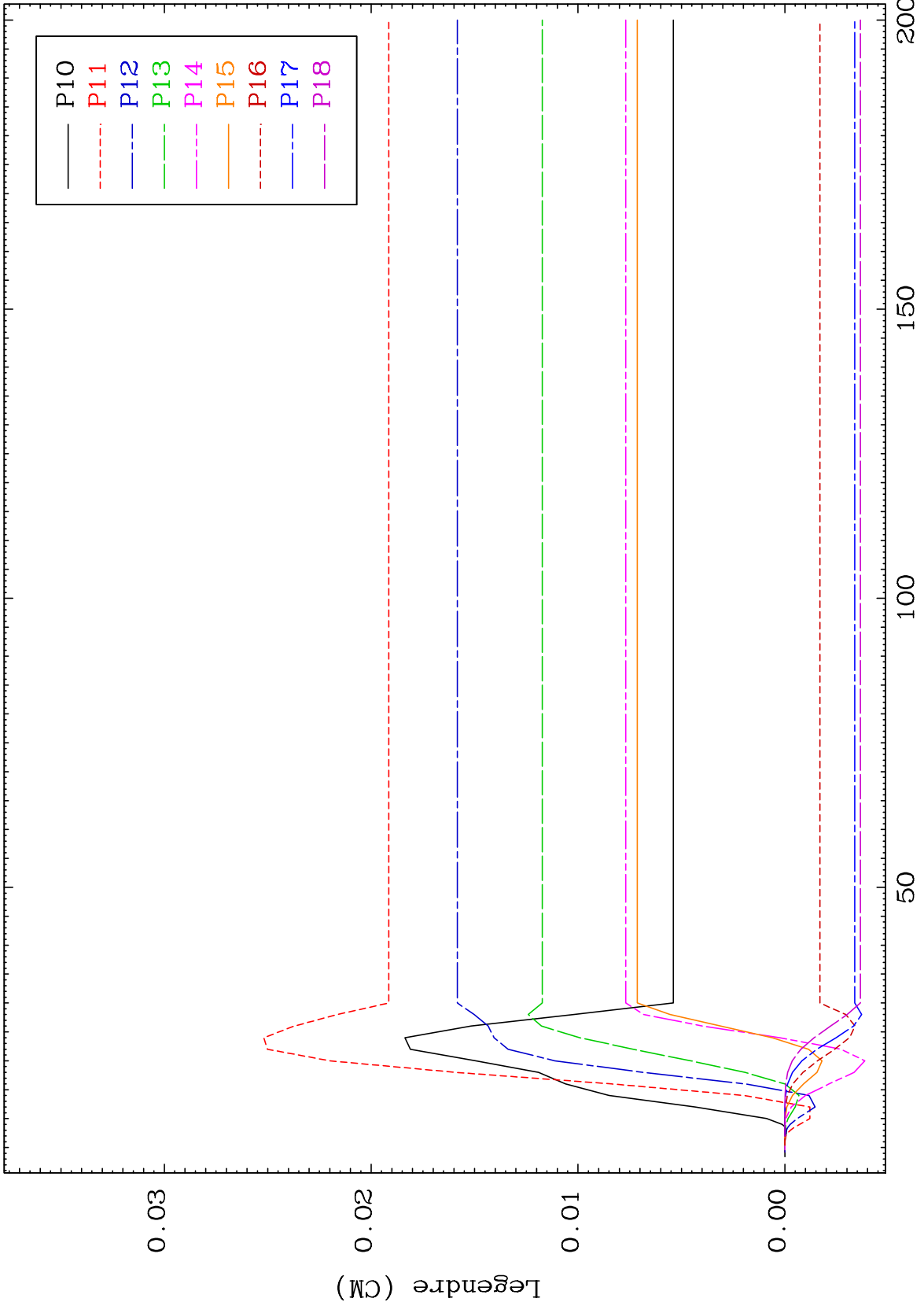


83

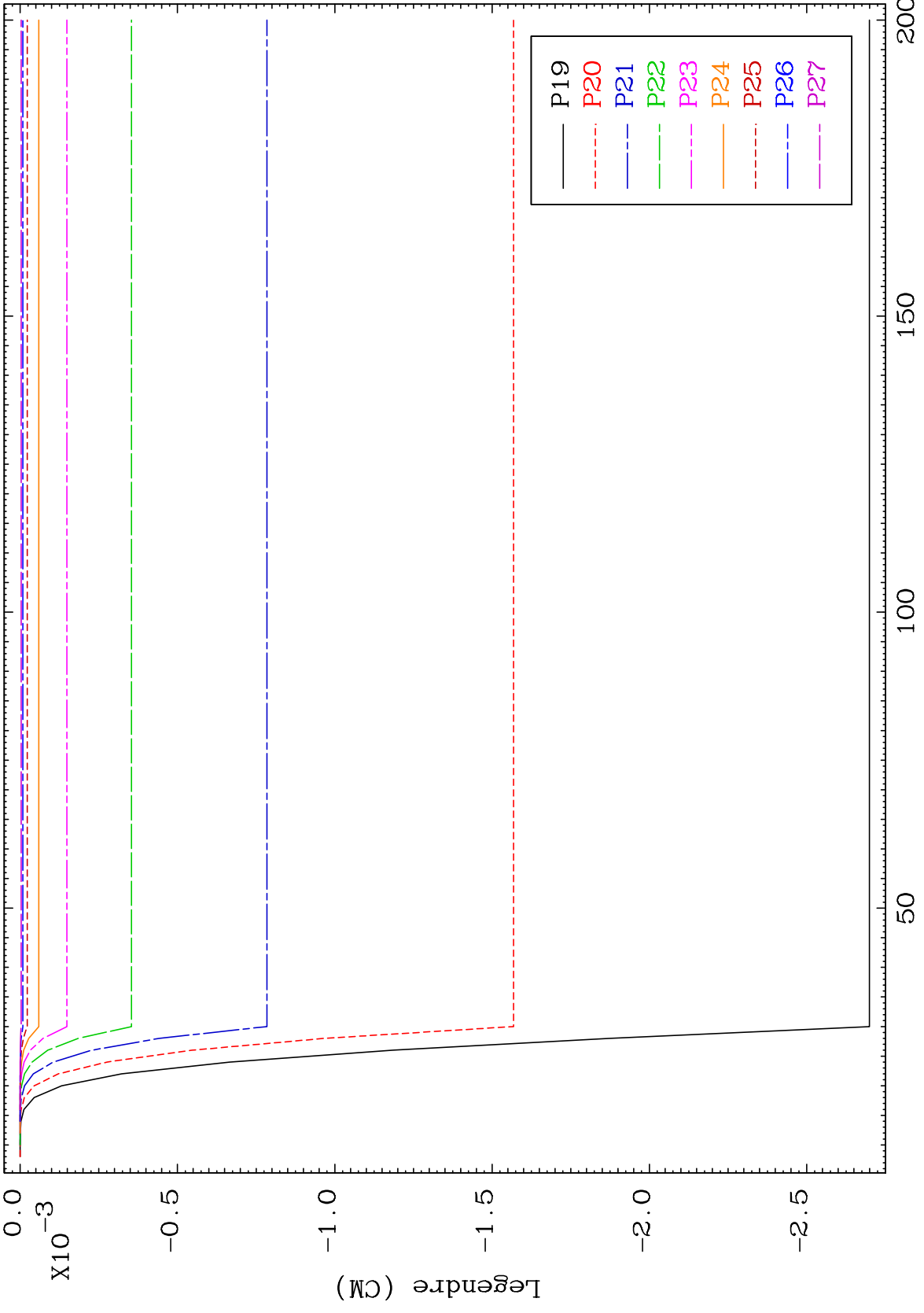
Incident Energy (MeV)

50-Sn-114

MAT 5031 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-114



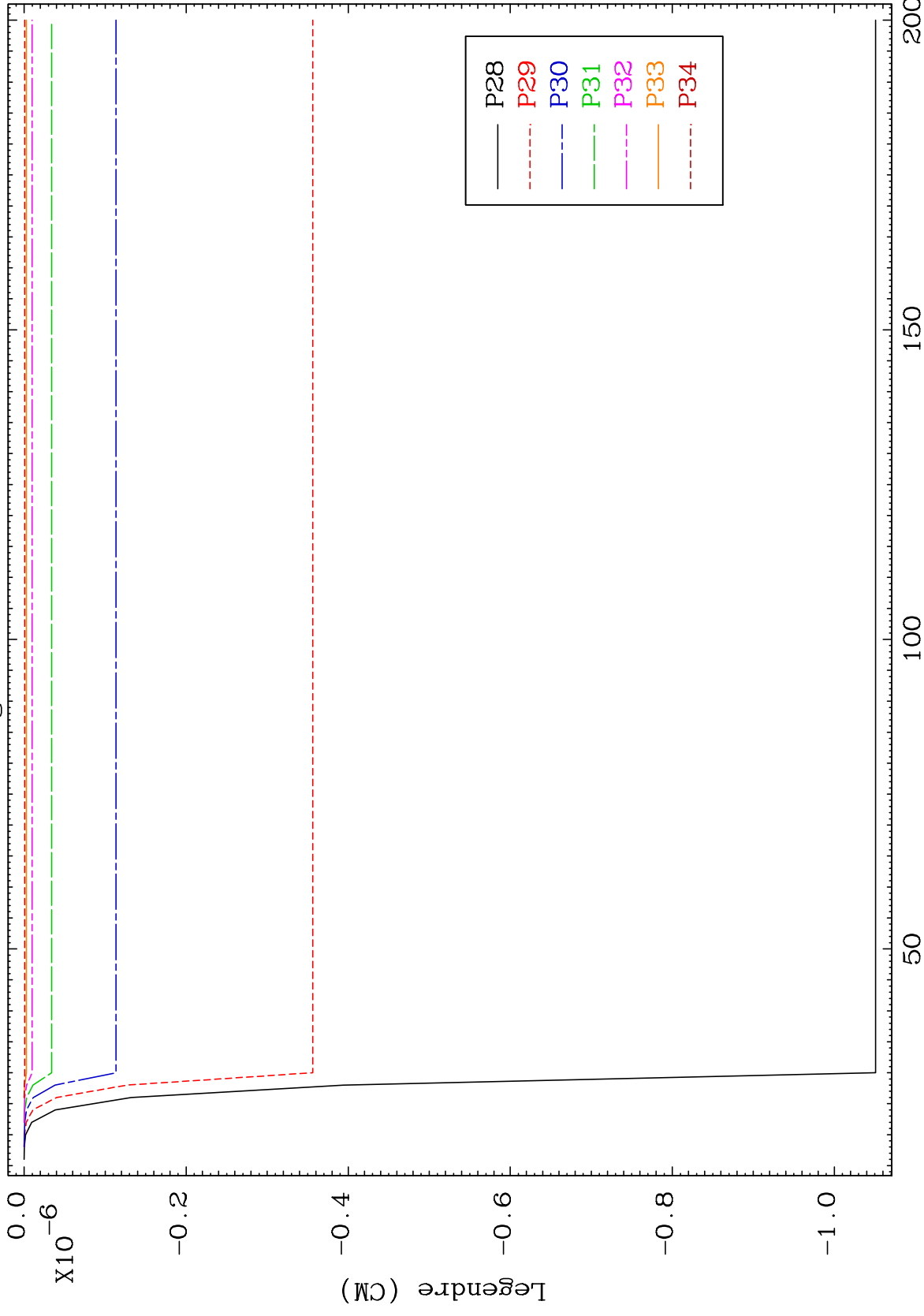
MAT 5031 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-114



MAT 5031

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

50-Sn-114



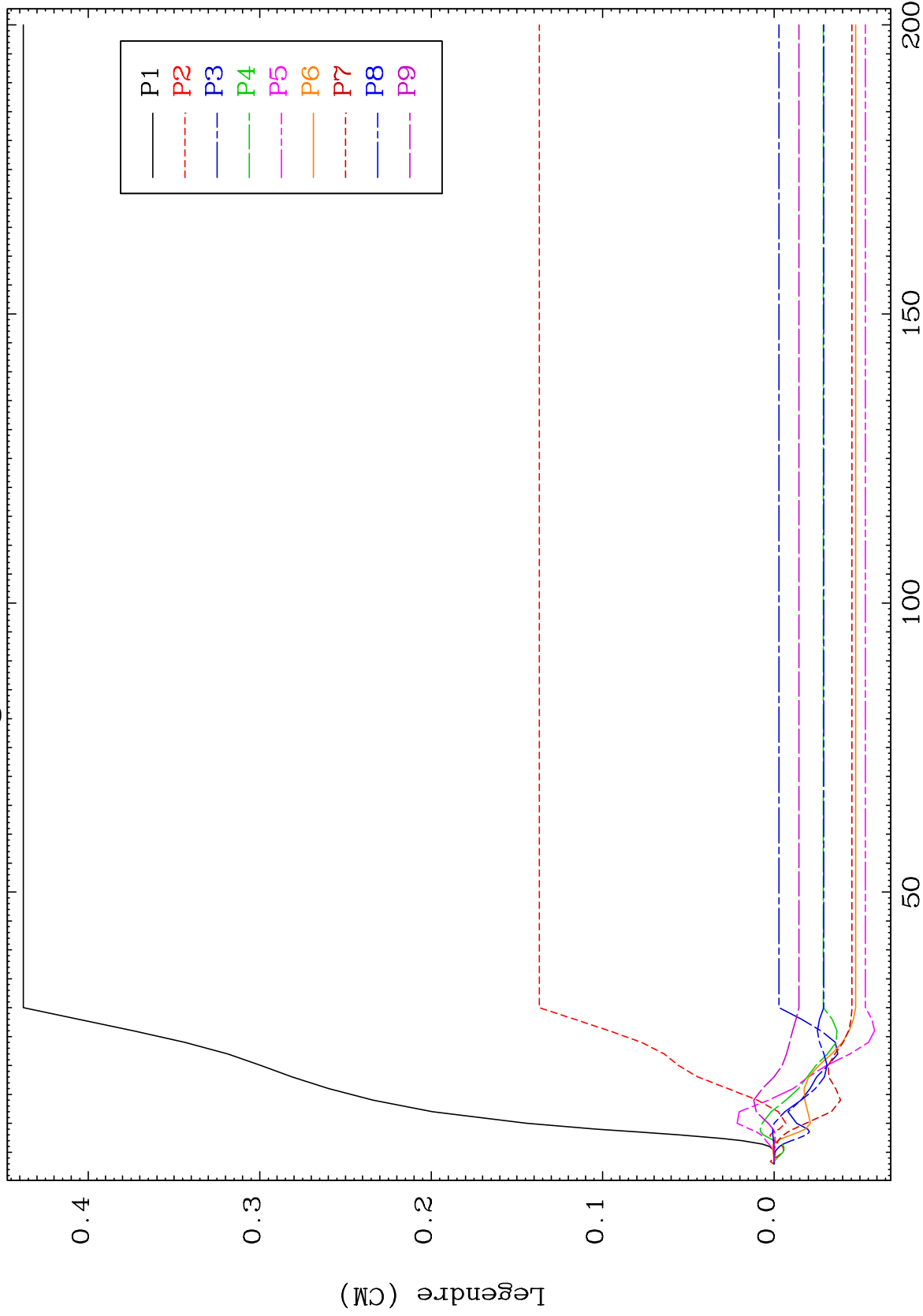
86

50-Sn-114

MAT 5031

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

50-Sn-114

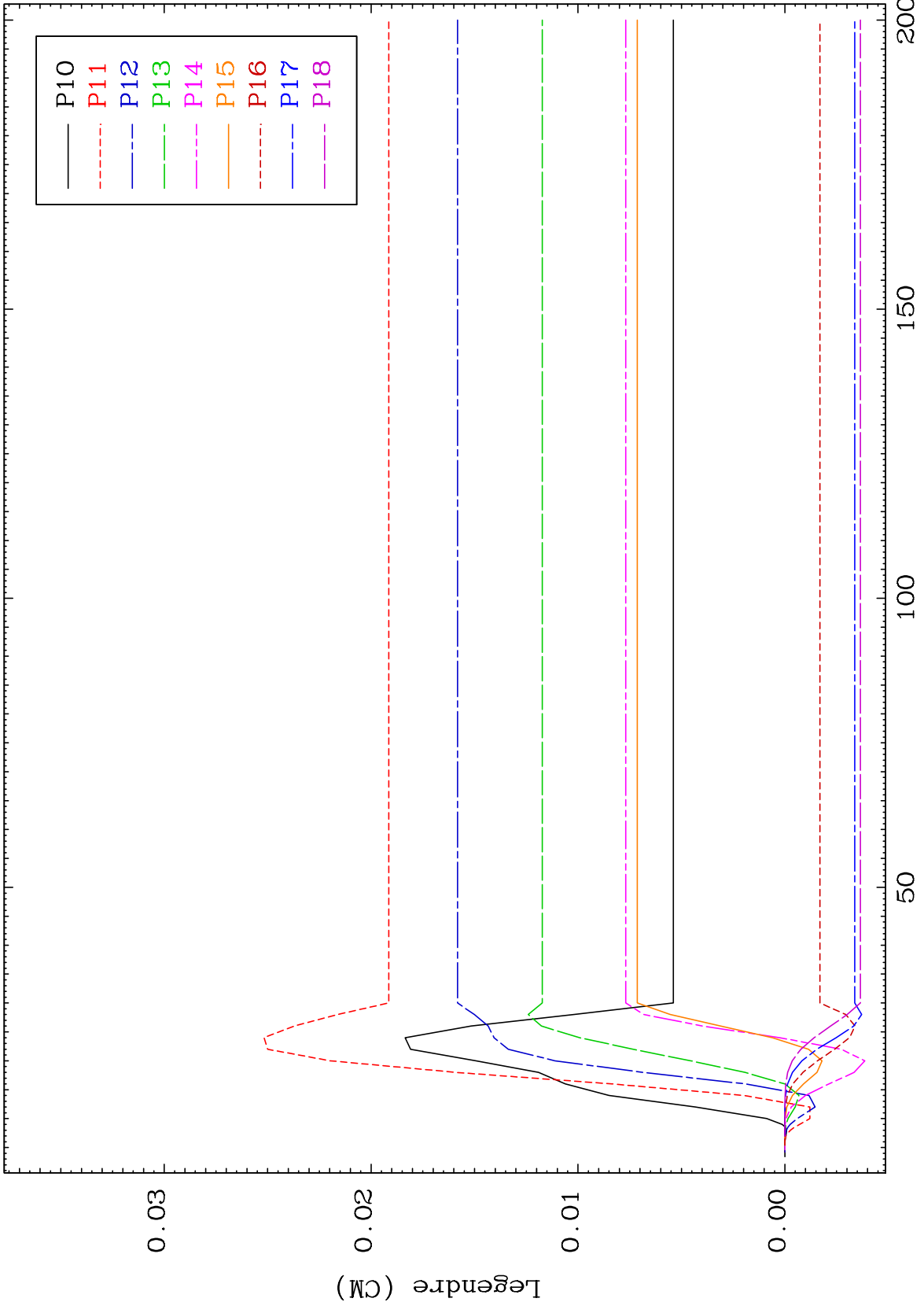


87

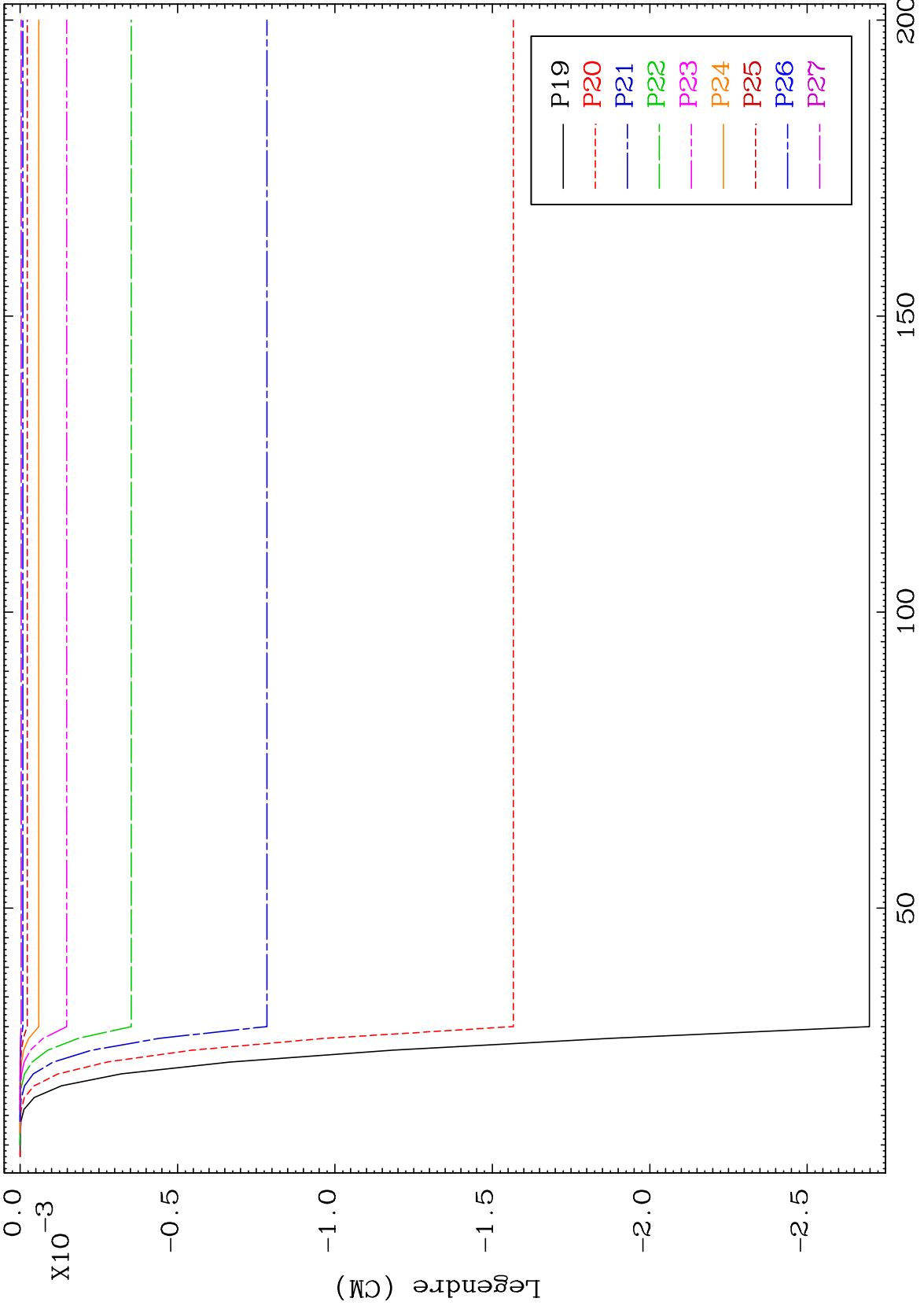
Incident Energy (MeV)

50-Sn-114

MAT 5031 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-114



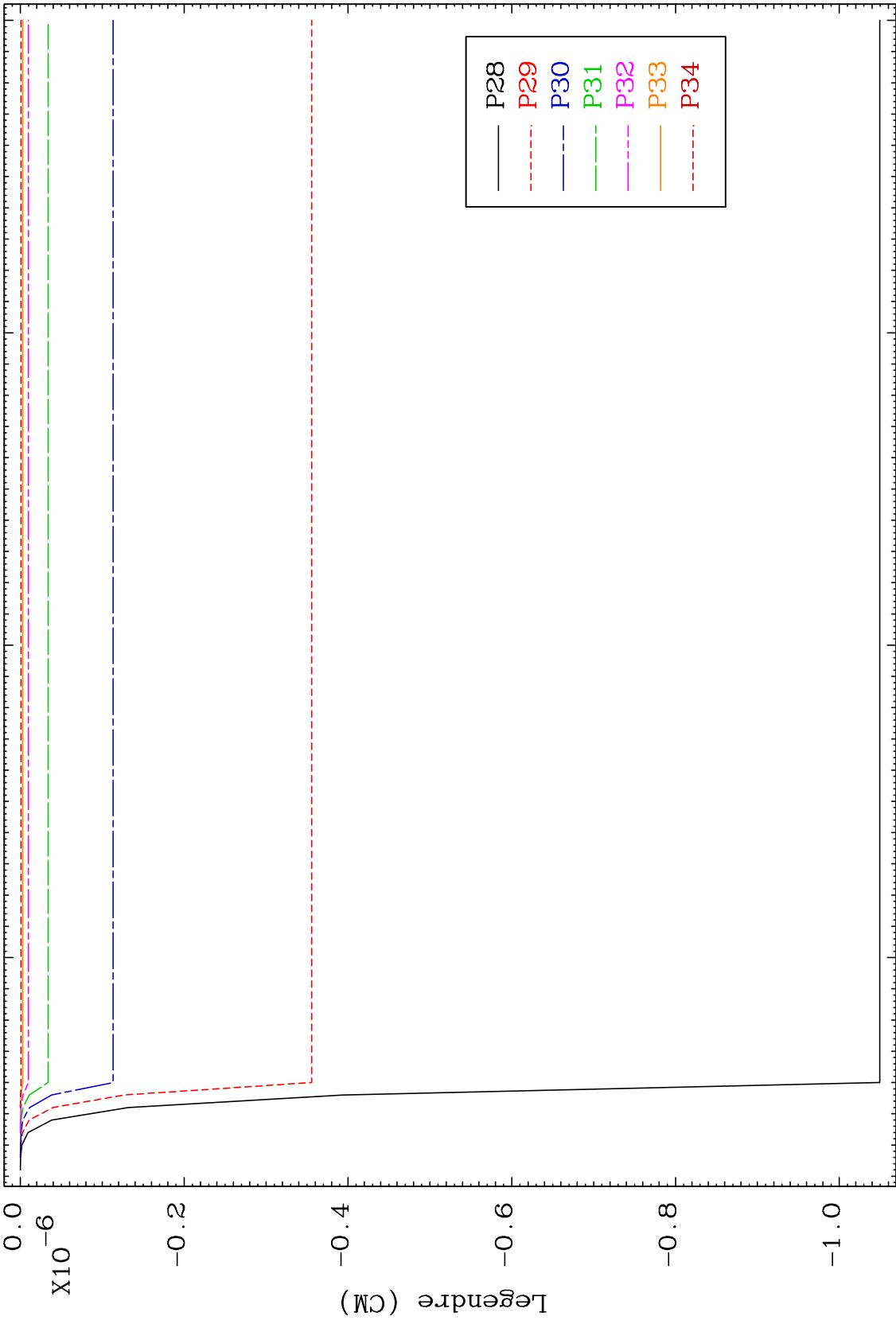
MAT 5031 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-114



MAT 5031 MT= 69 (n,n') Level

50-Sn-114

Legendre Coefficients

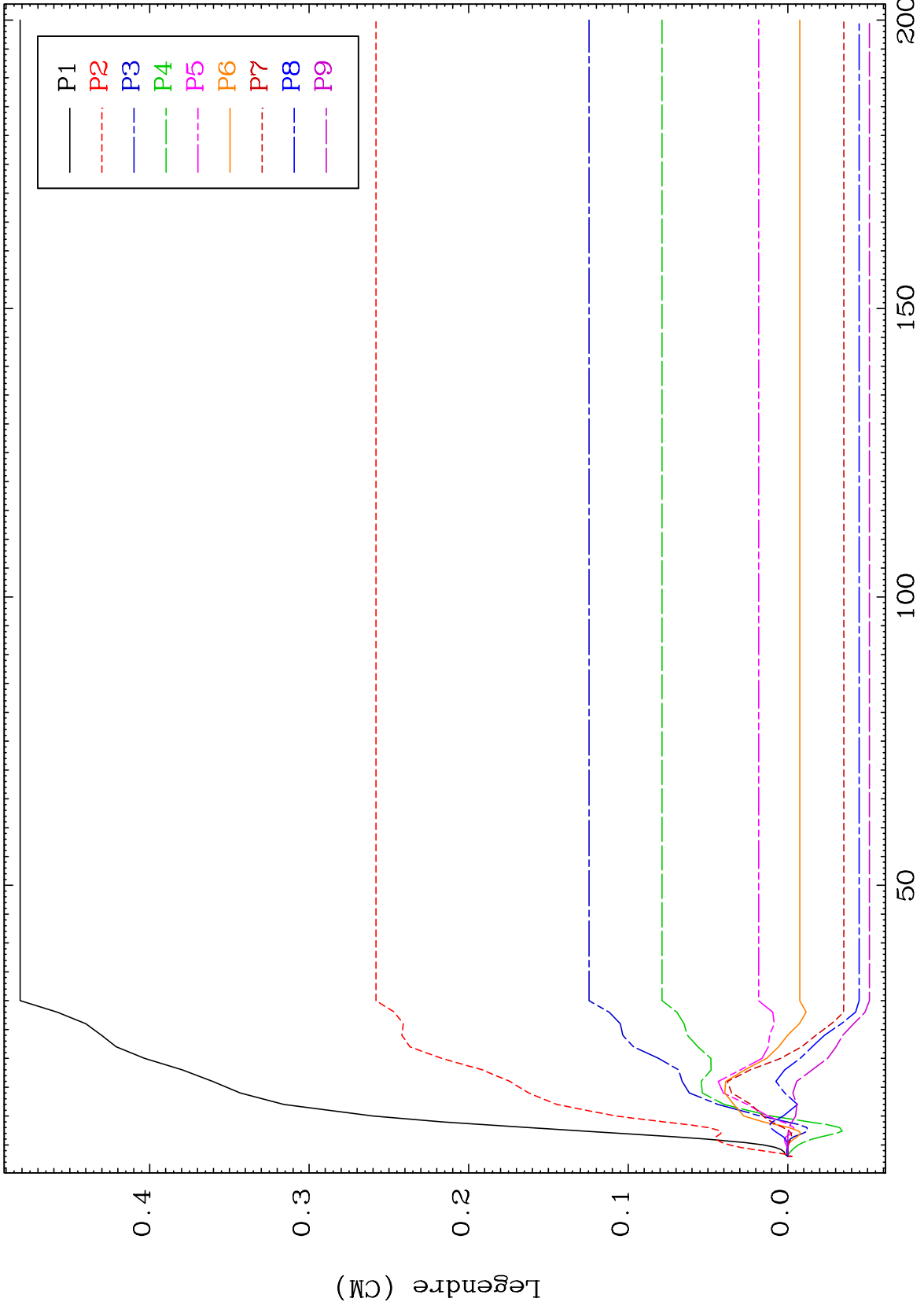


50-Sn-114

Incident Energy (MeV)

90

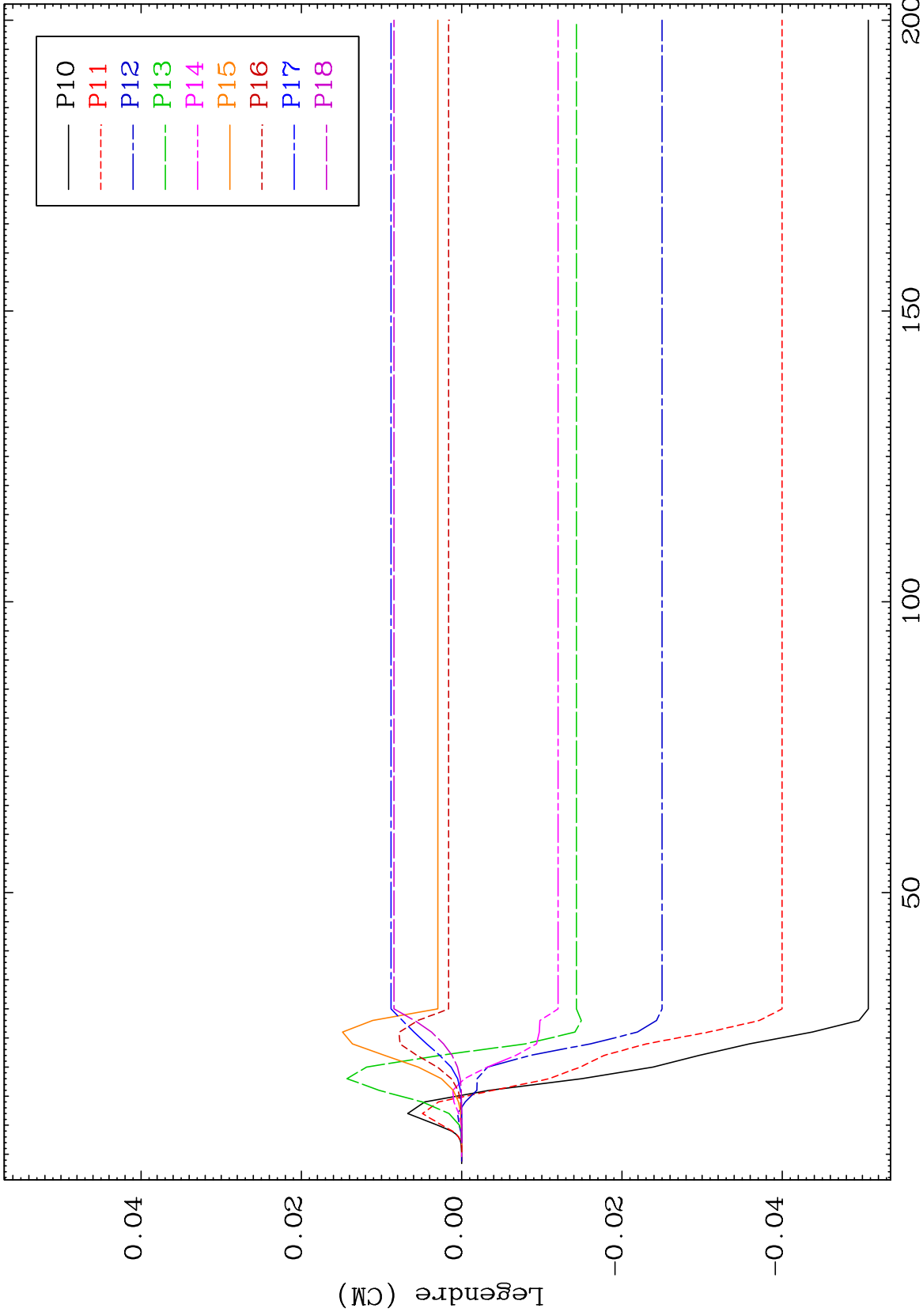
MAT 5031 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-114



MAT 5031

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

50-Sn-114

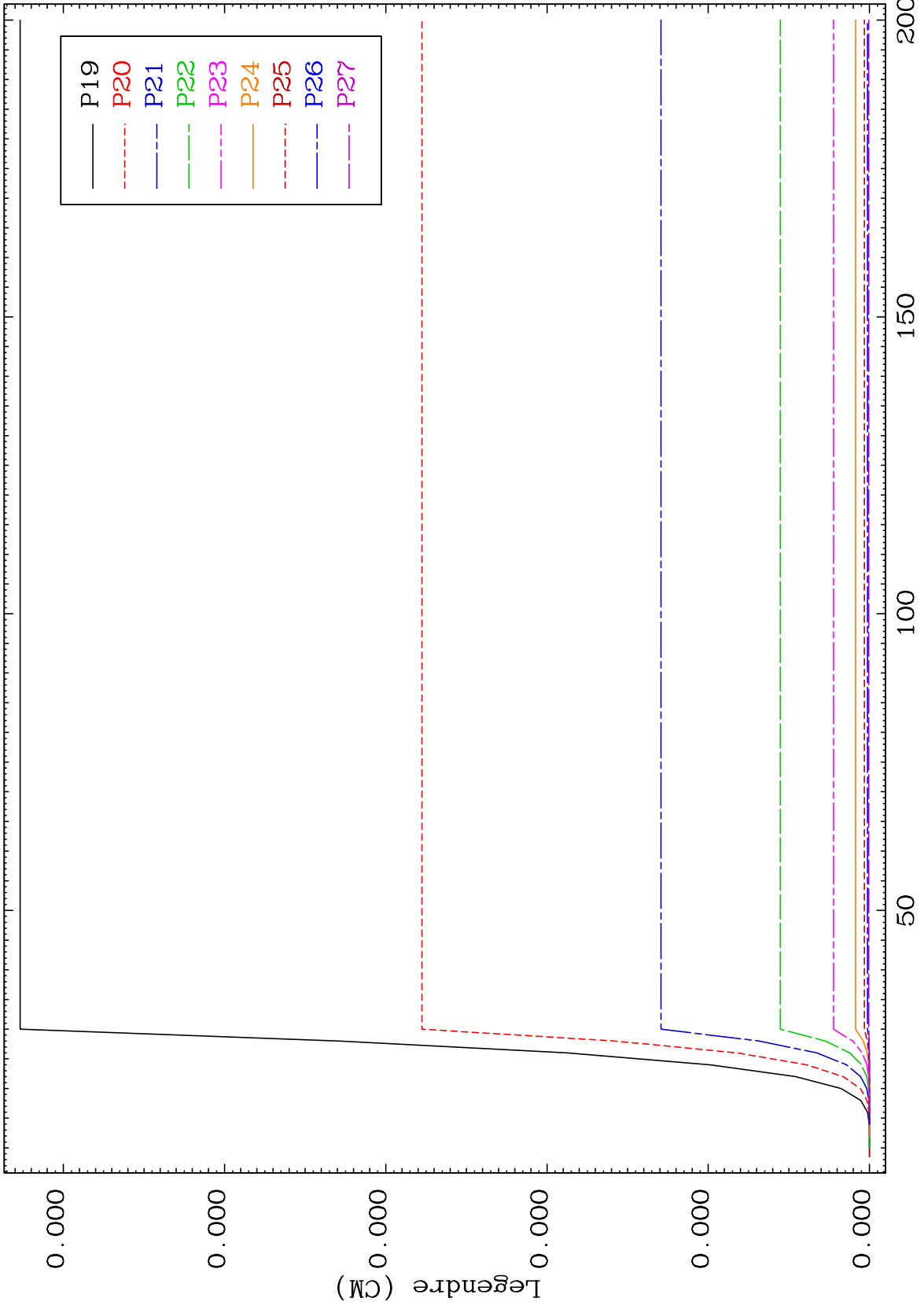


92

Incident Energy (MeV)

50-Sn-114

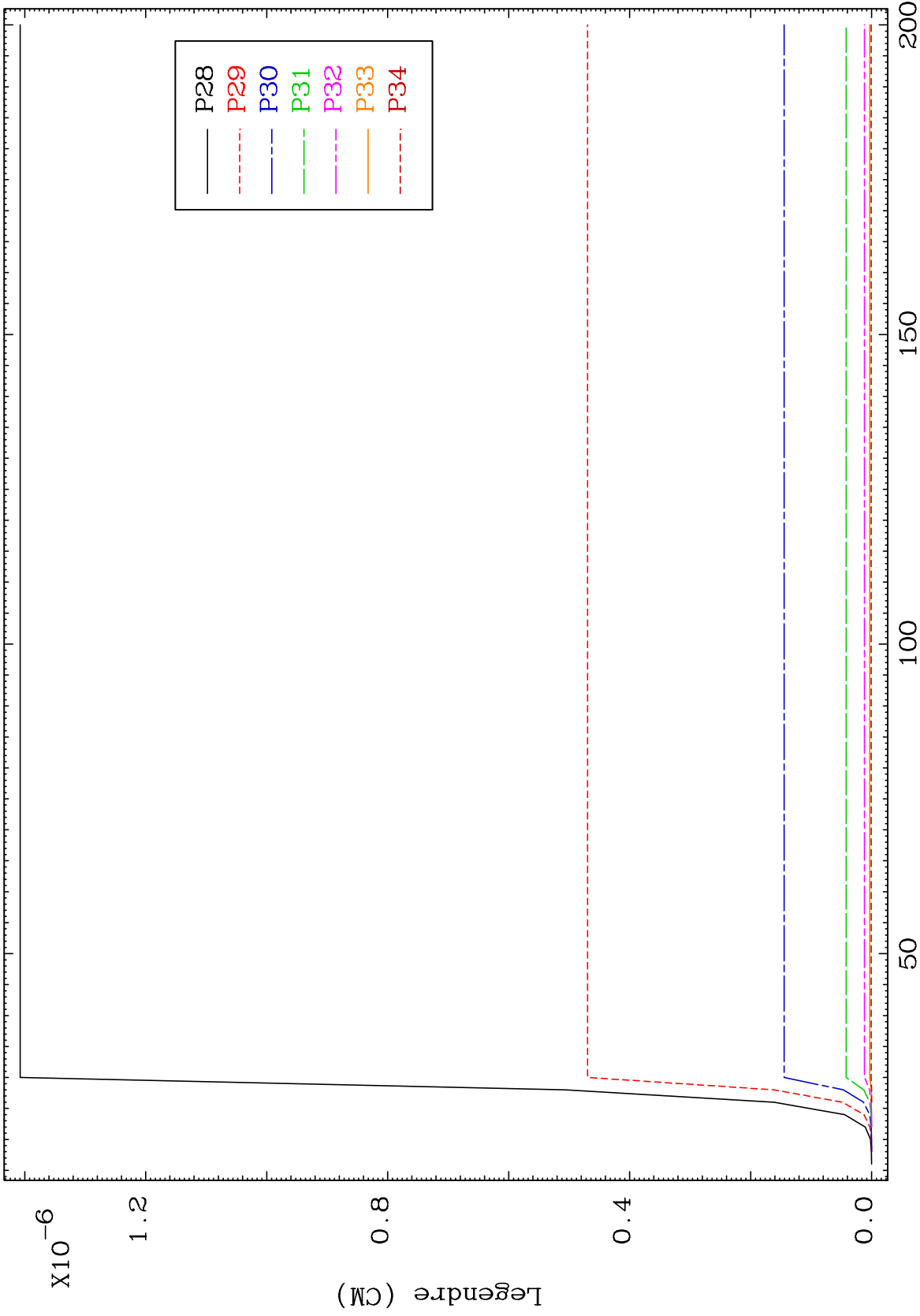
MAT 5031 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-114



MAT 5031

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

50-Sn-114

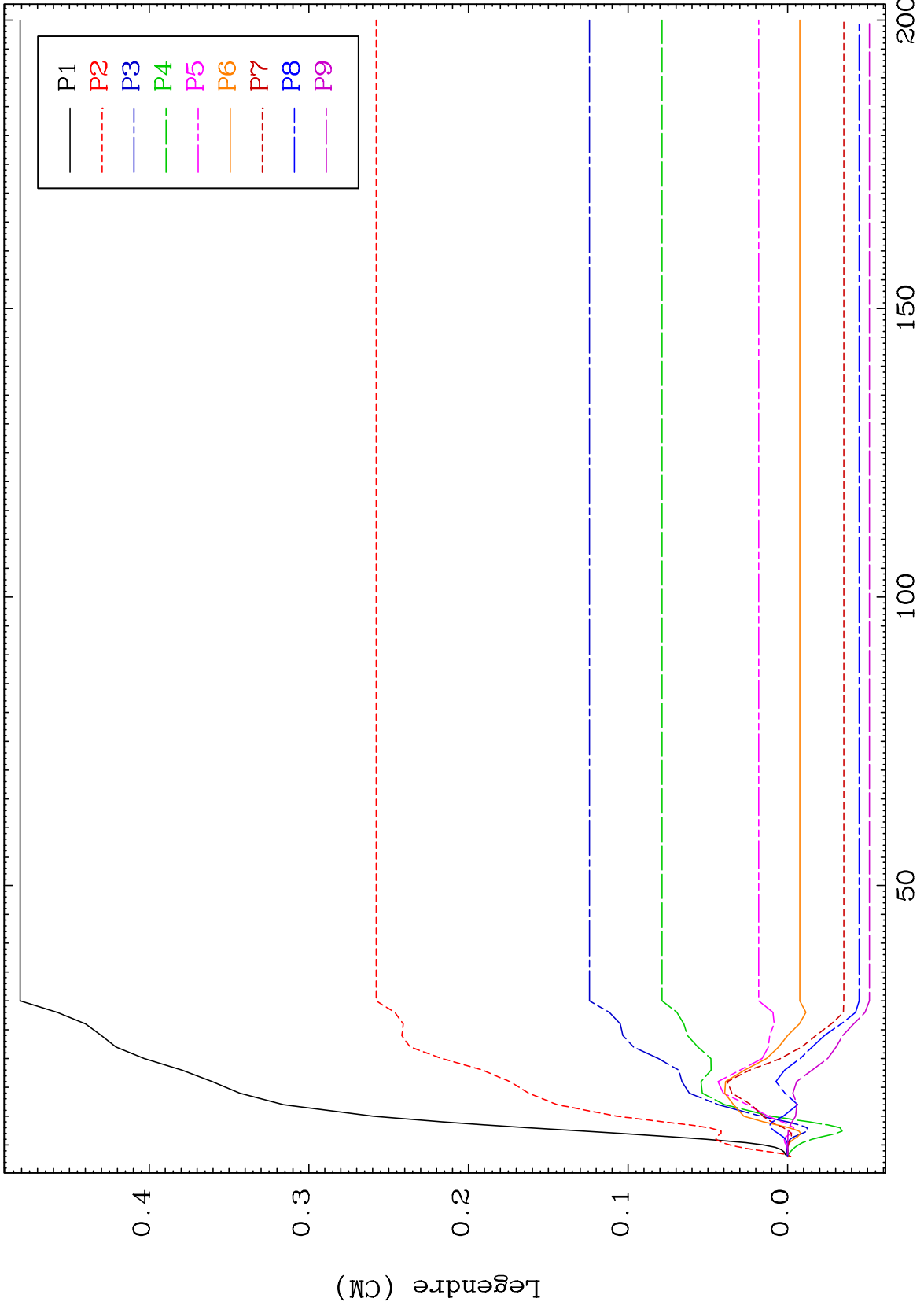


94

Incident Energy (MeV)

50-Sn-114

MAT 5031 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-114

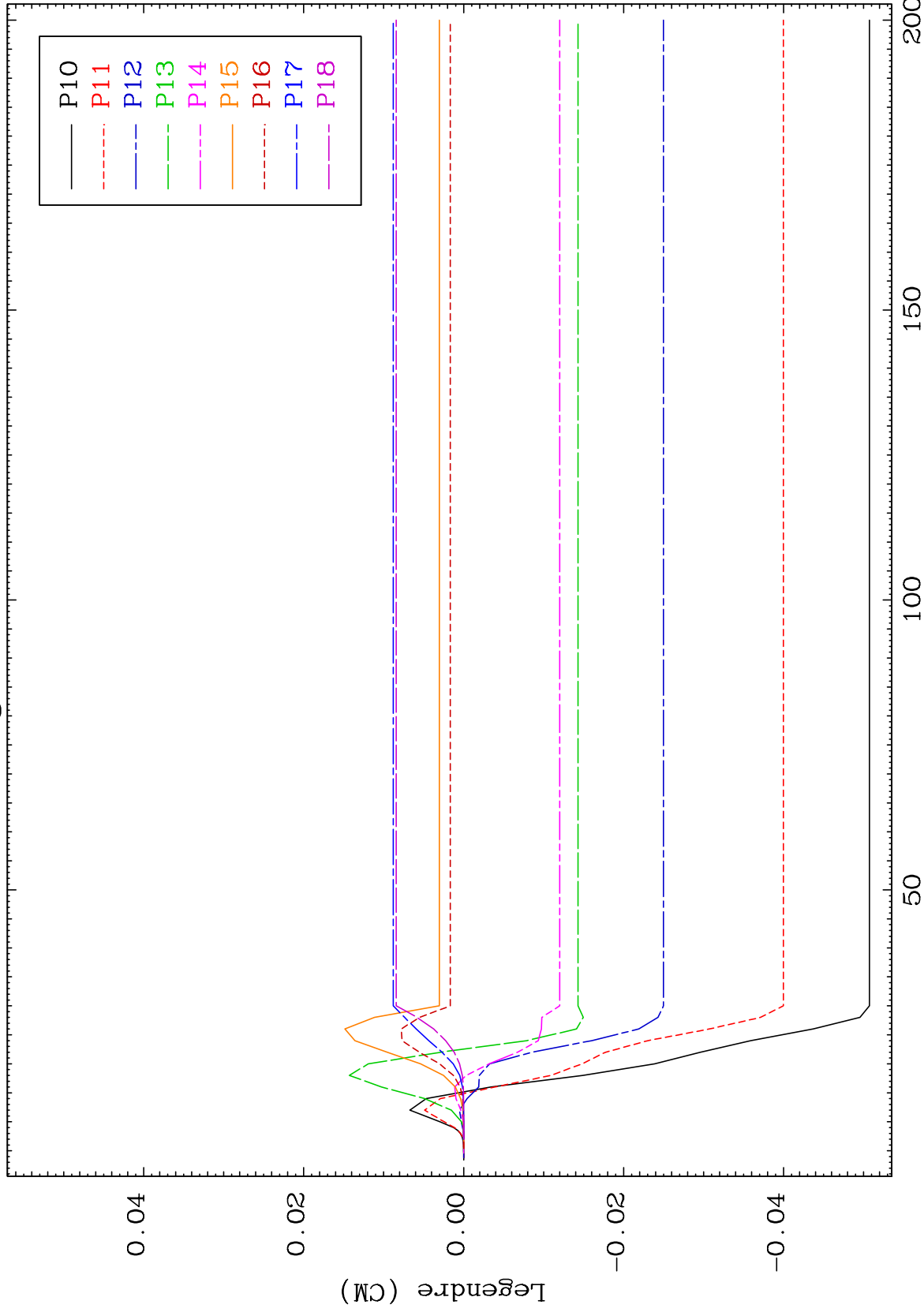


95 Incident Energy (MeV) 50-Sn-114

MAT 5031

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

50-Sn-114

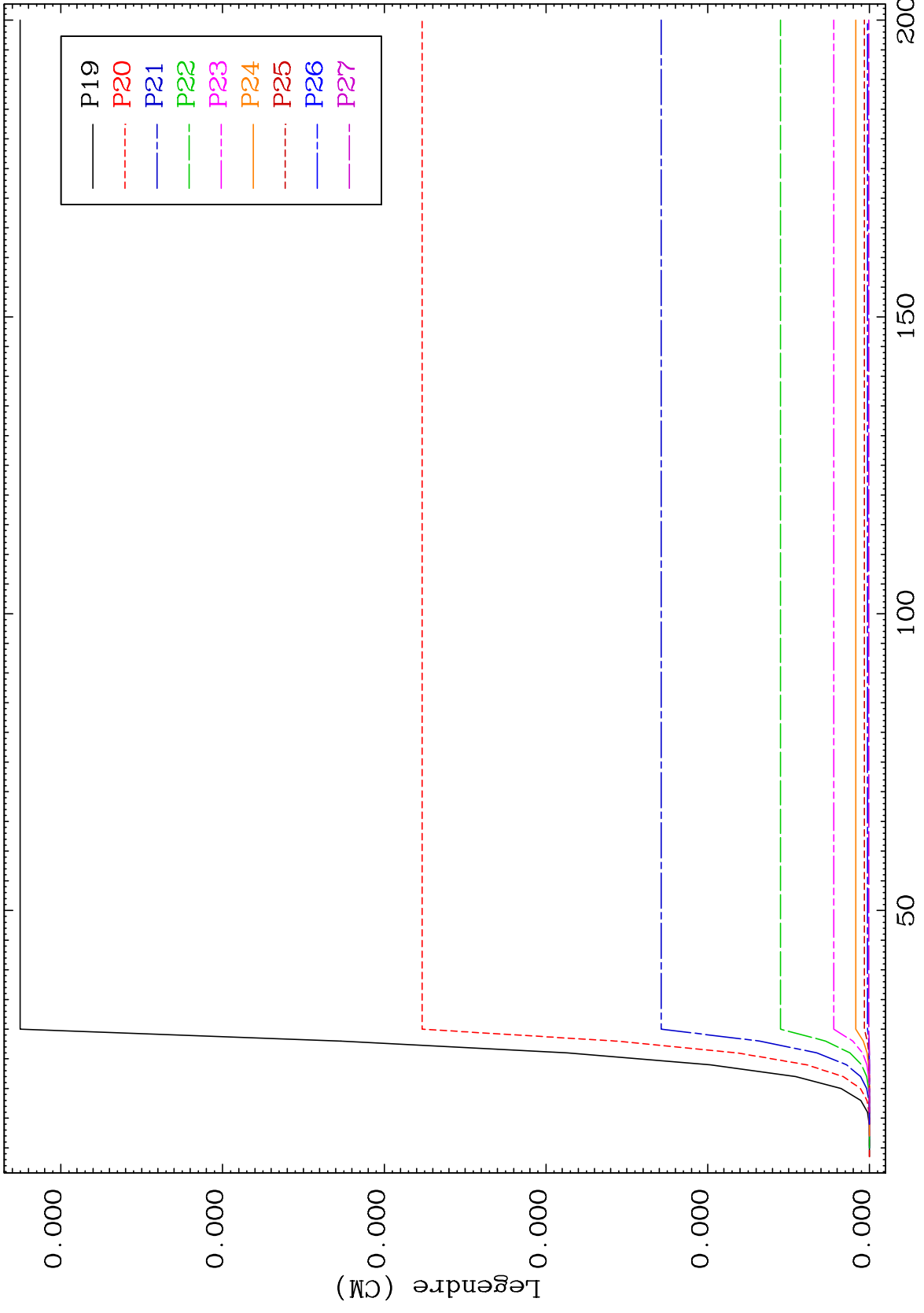


96

Incident Energy (MeV)

50-Sn-114

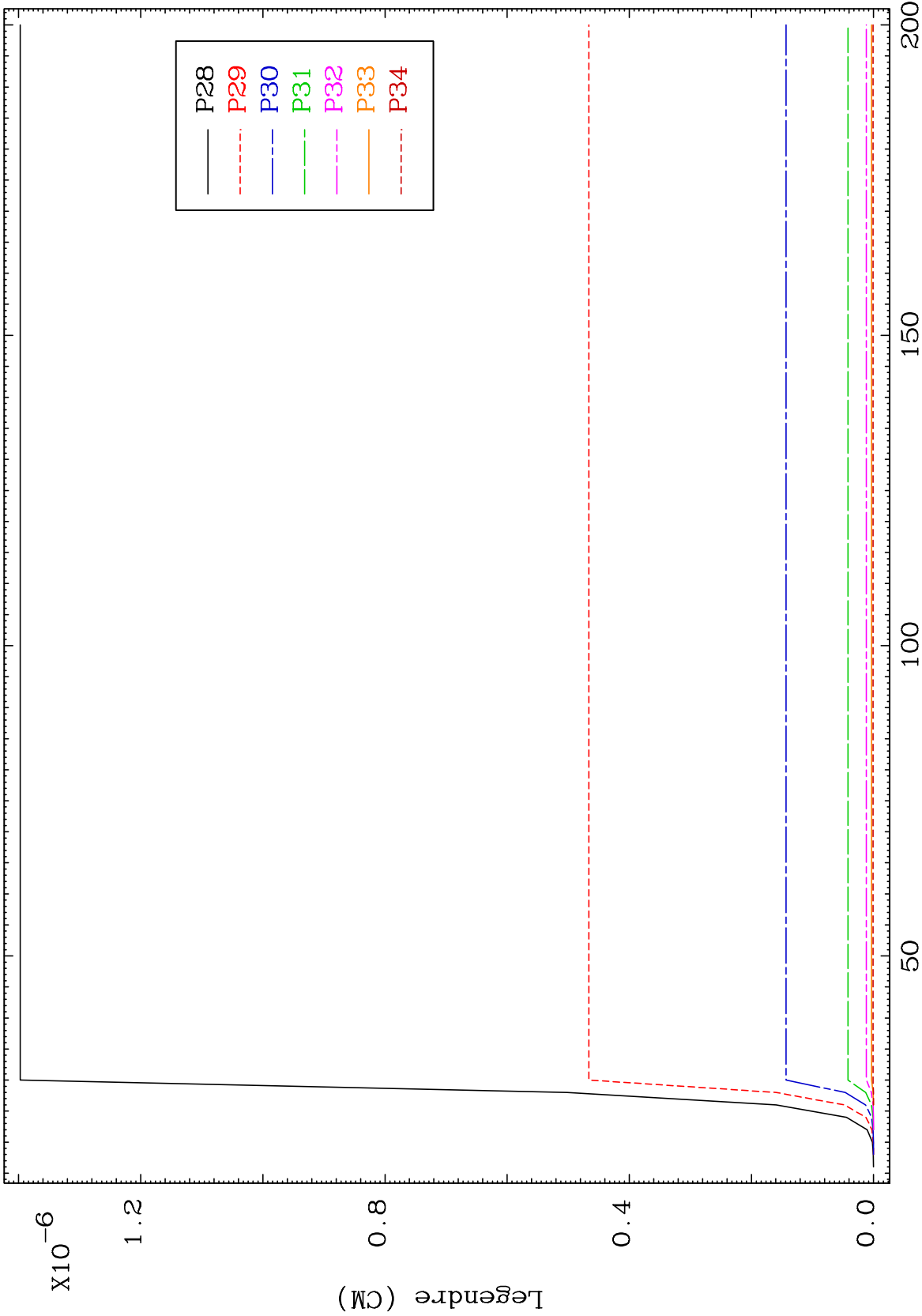
MAT 5031 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-114



MAT 5031

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

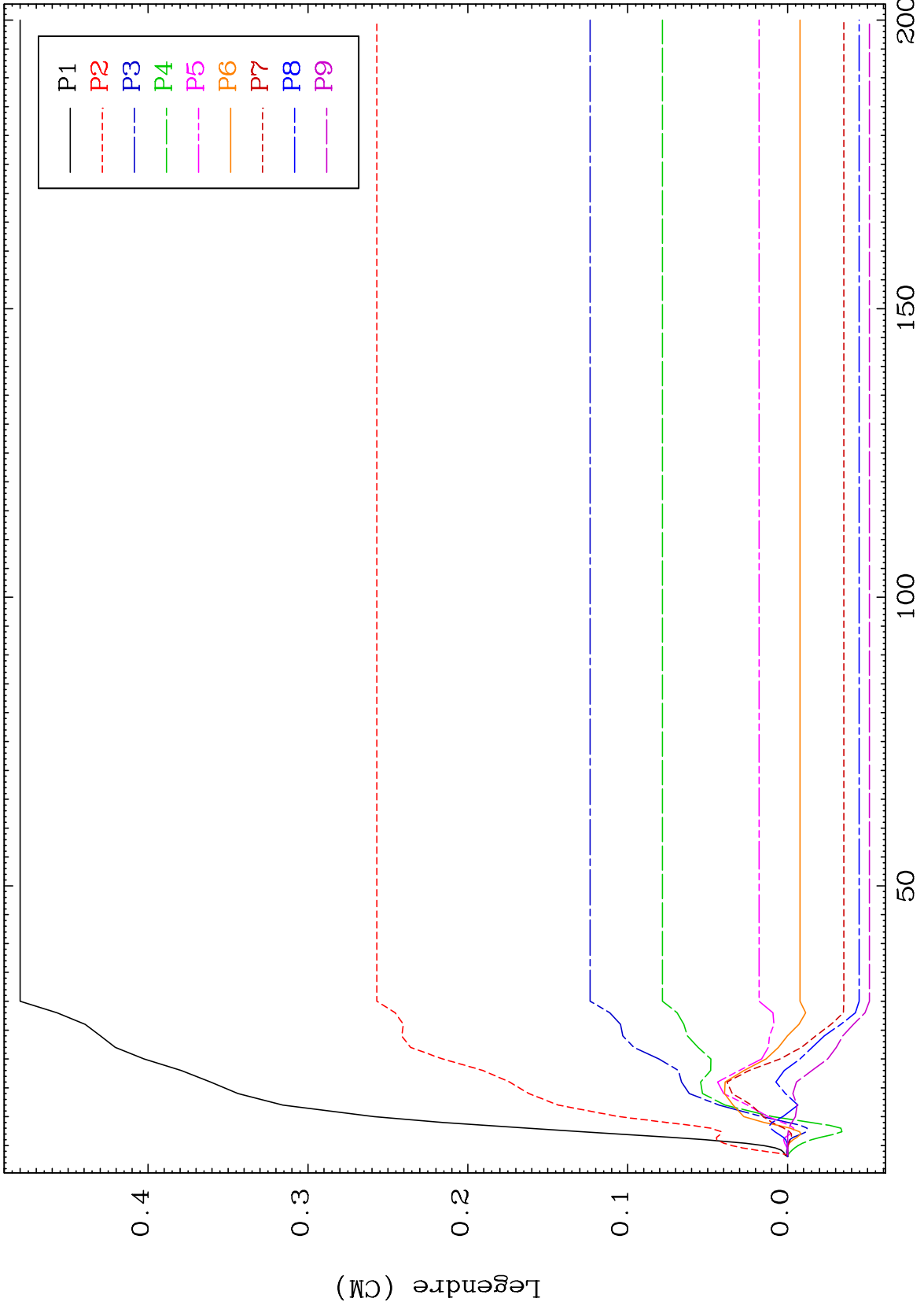
50-Sn-114



98

50-Sn-114

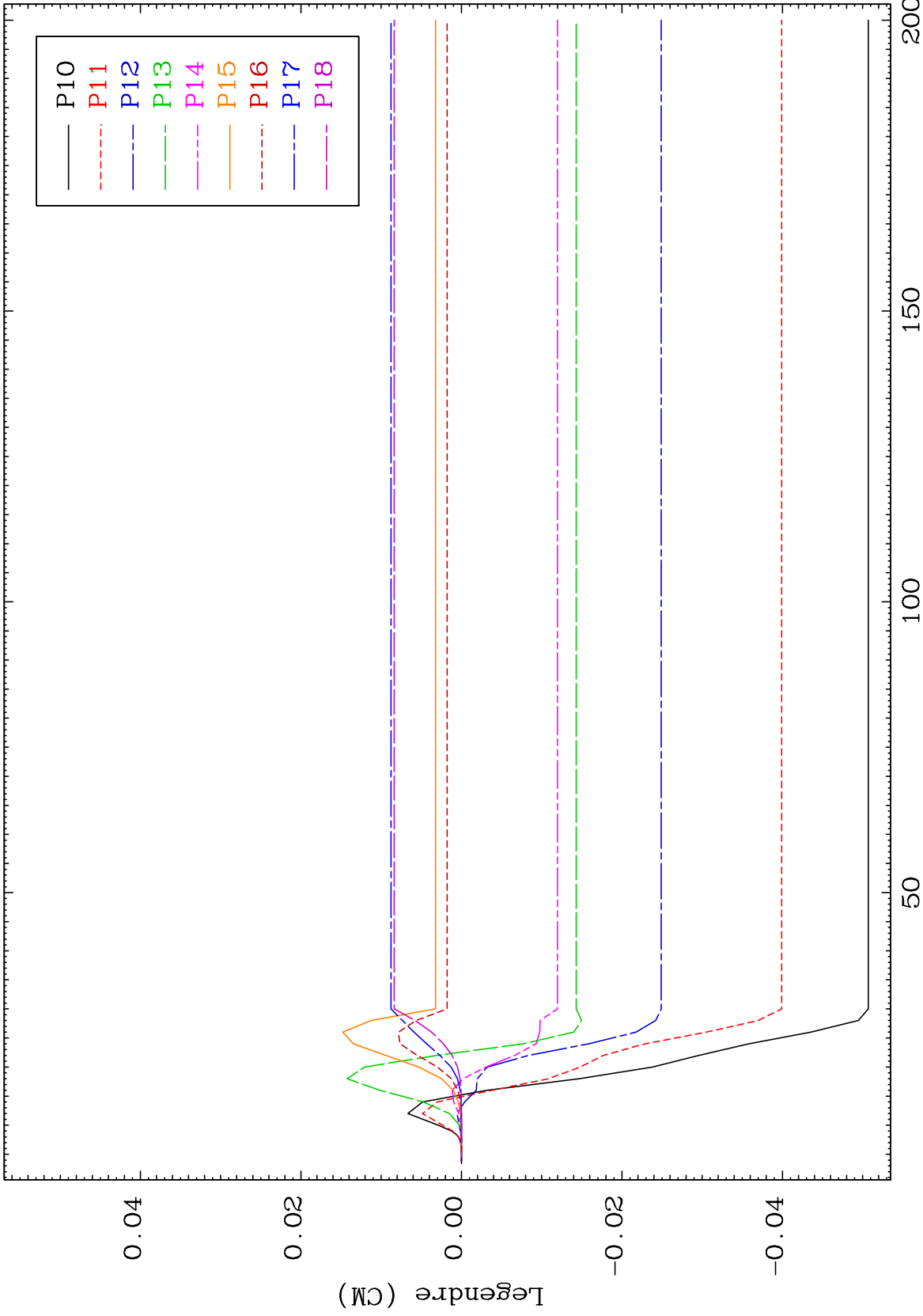
MAT 5031 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-114



MAT 5031

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

50-Sn-114

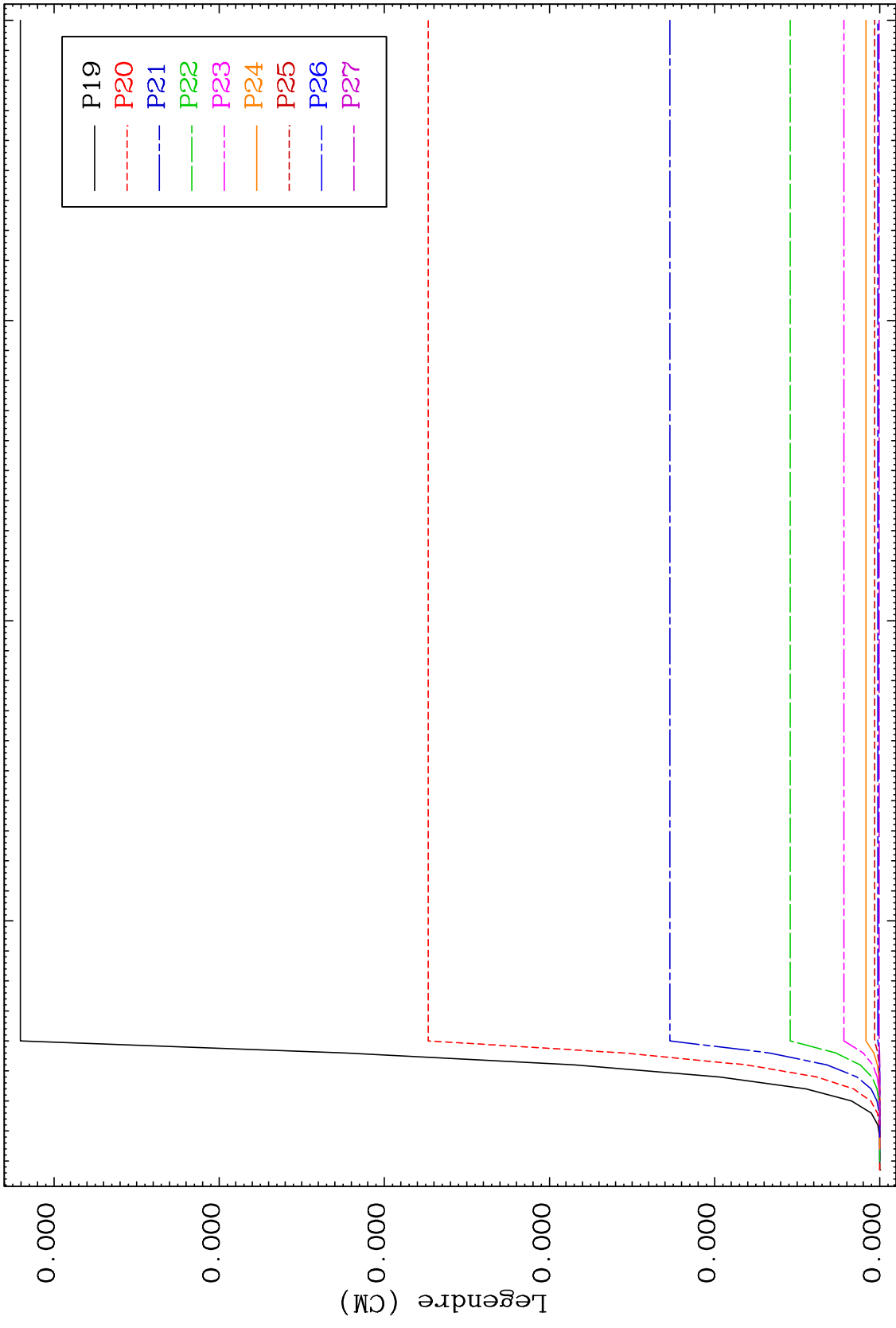


50-Sn-114

Incident Energy (MeV)

100

MAT 5031 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-114

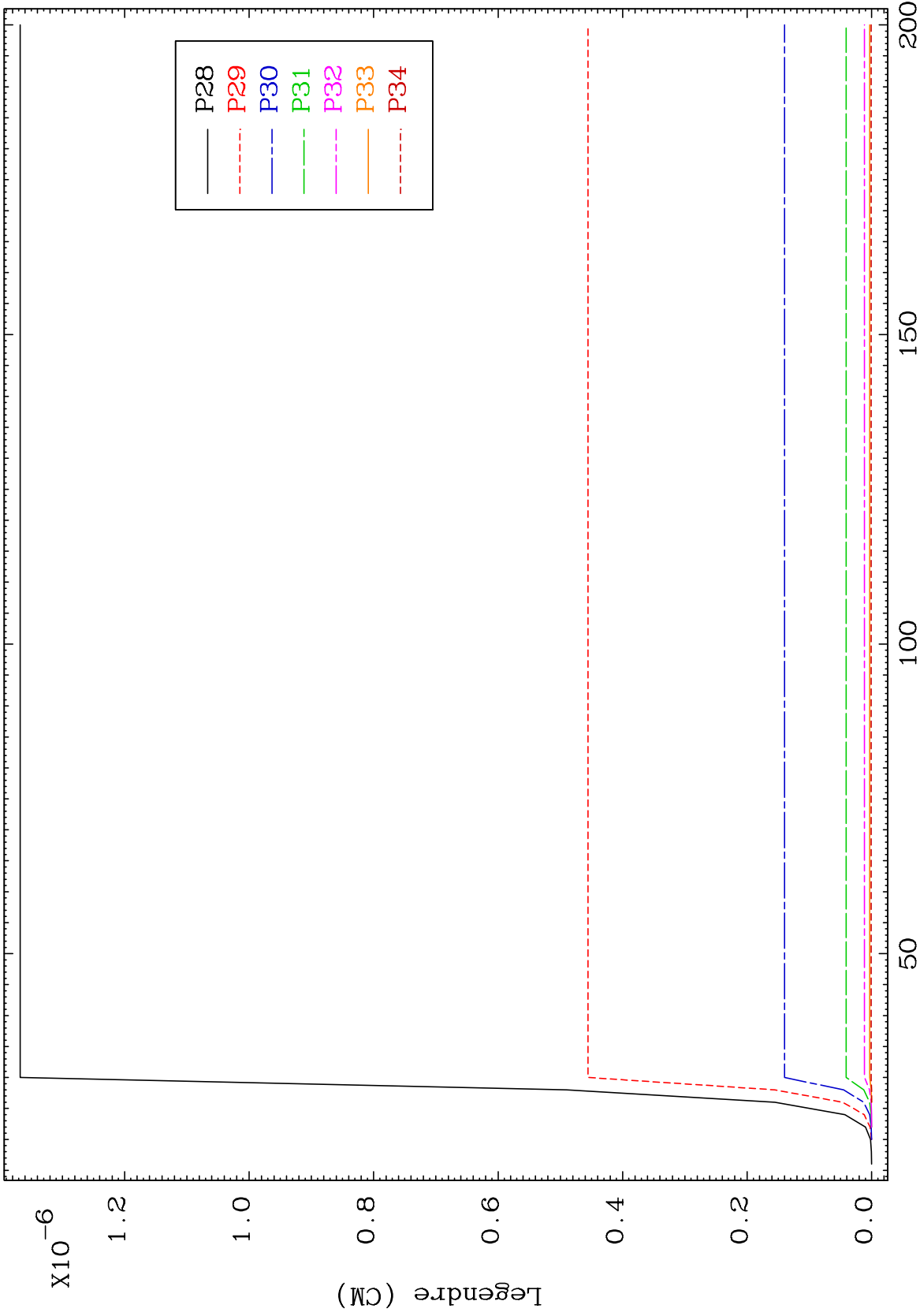


101 50-Sn-114 200

MAT 5031

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

50-Sn-114

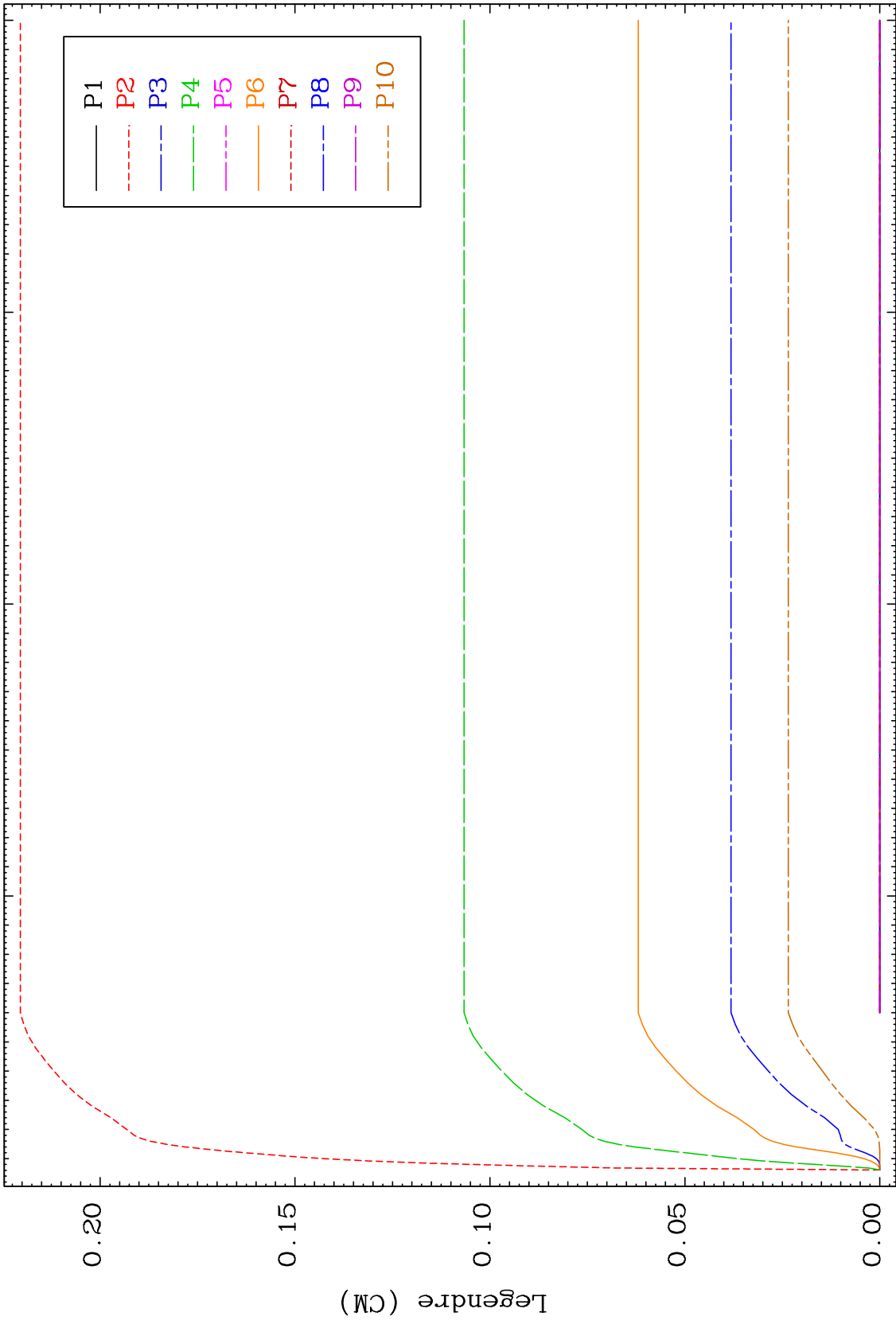


102

Incident Energy (MeV)

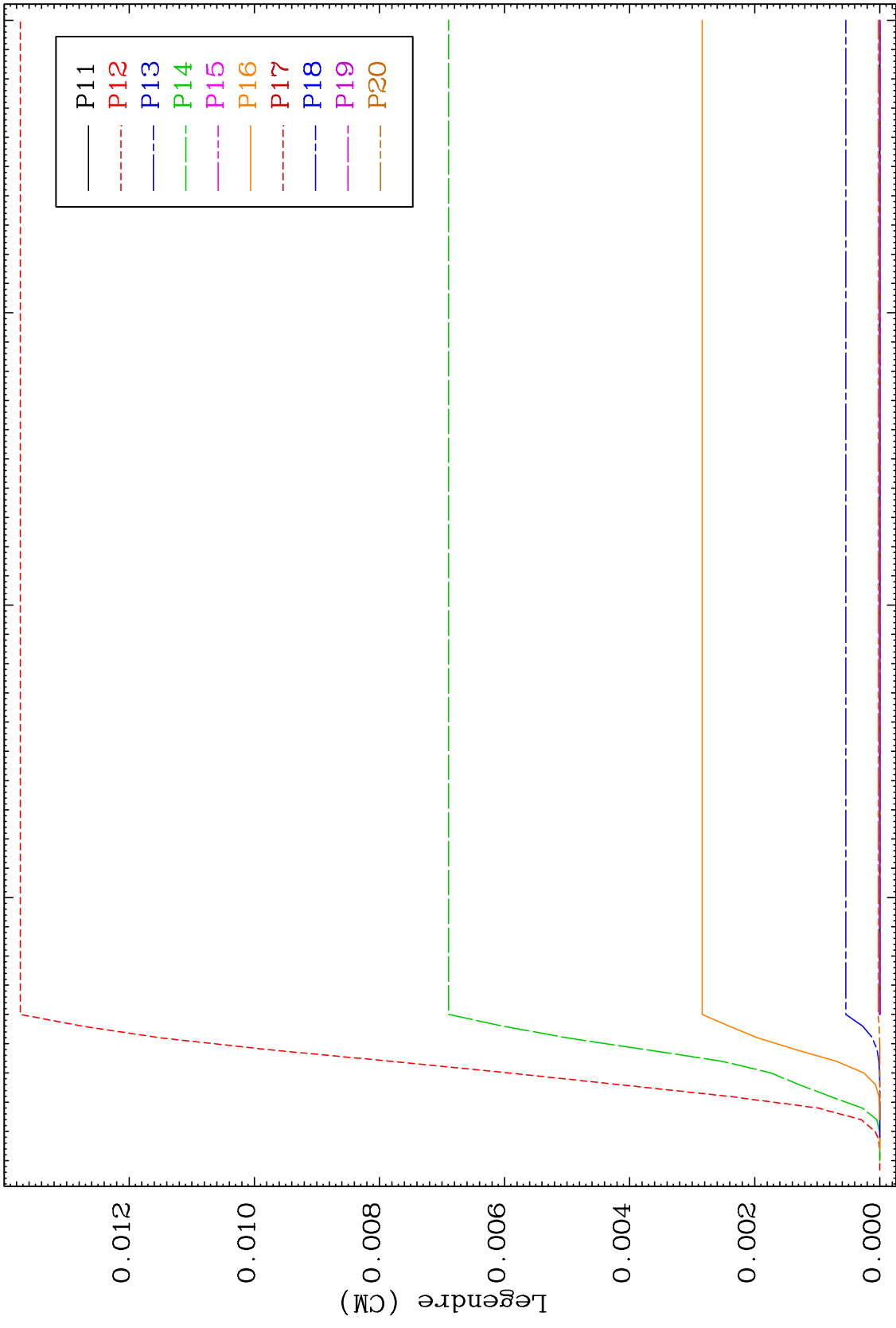
50-Sn-114

MAT 5031 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-114



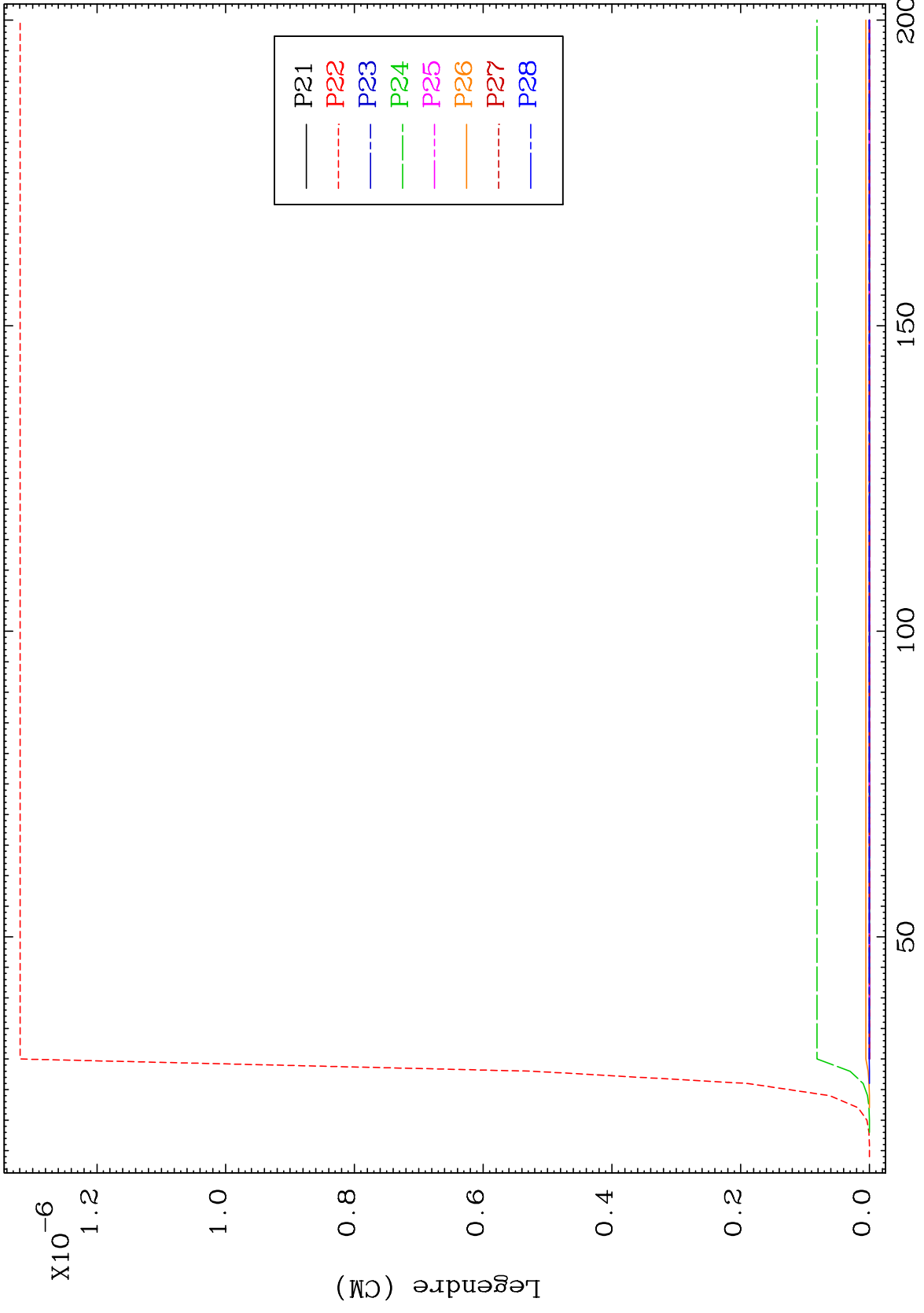
103 Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-114



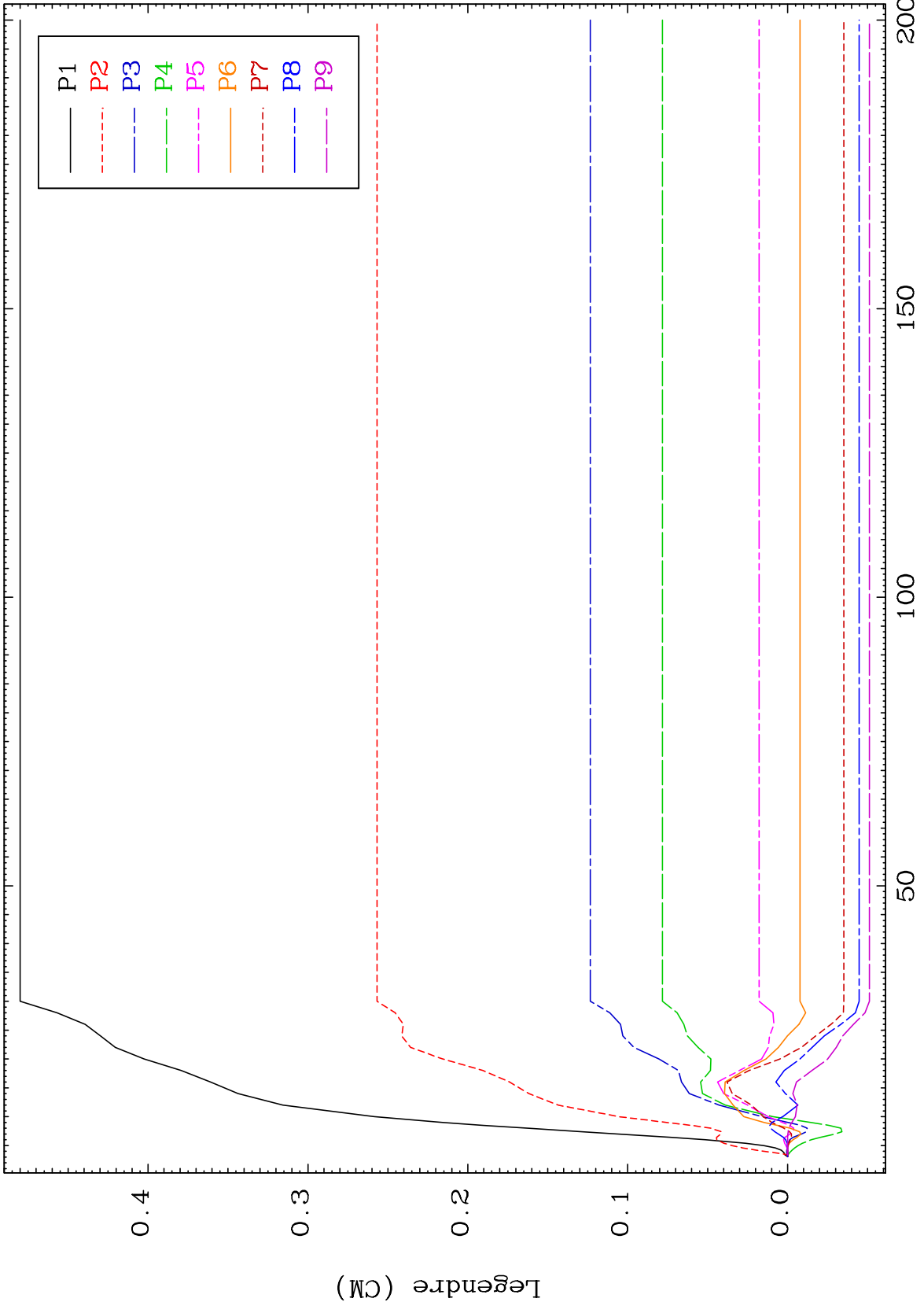
104 Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-114



50-Sn-114

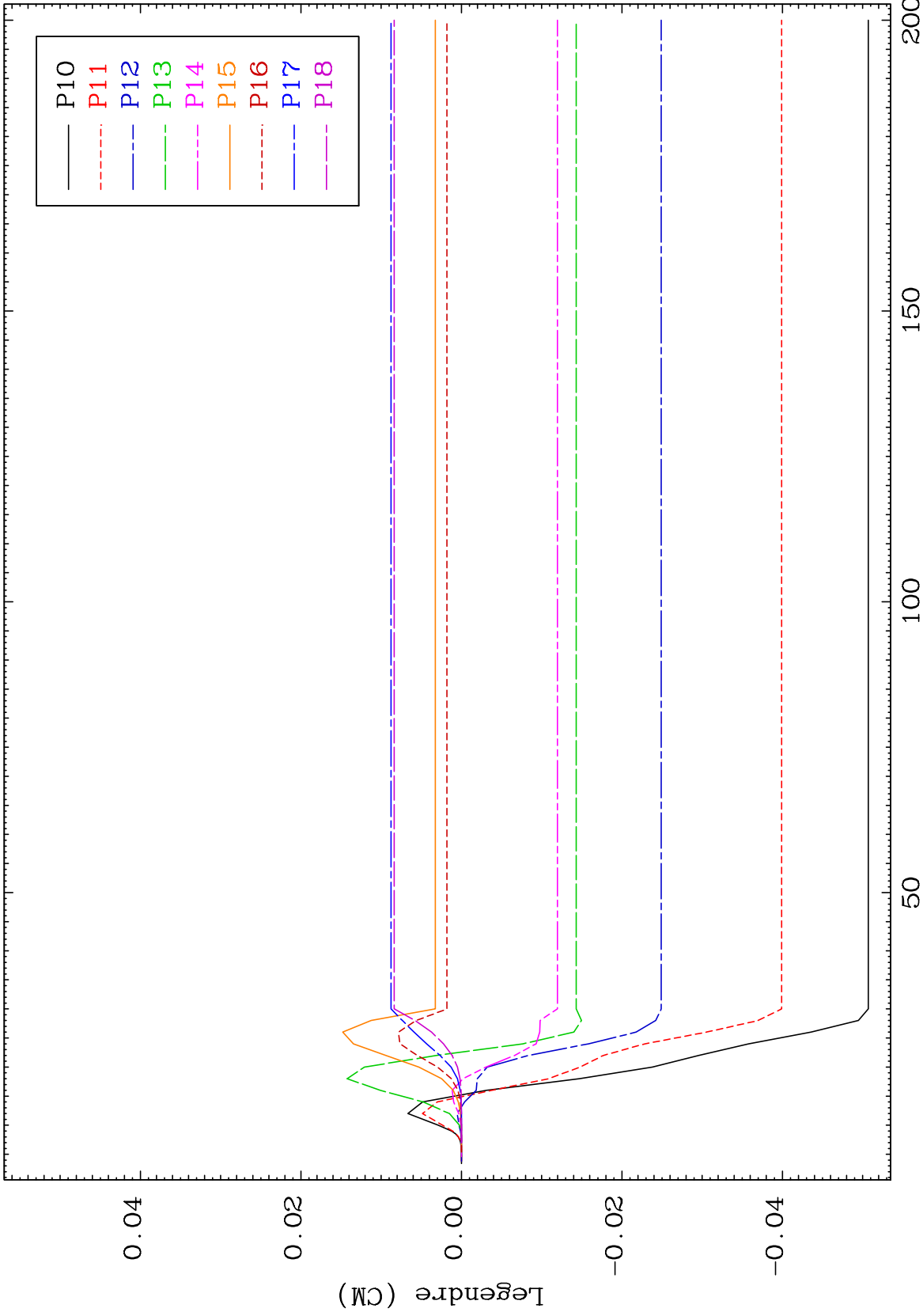
MAT 5031 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-114



MAT 5031

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

50-Sn-114

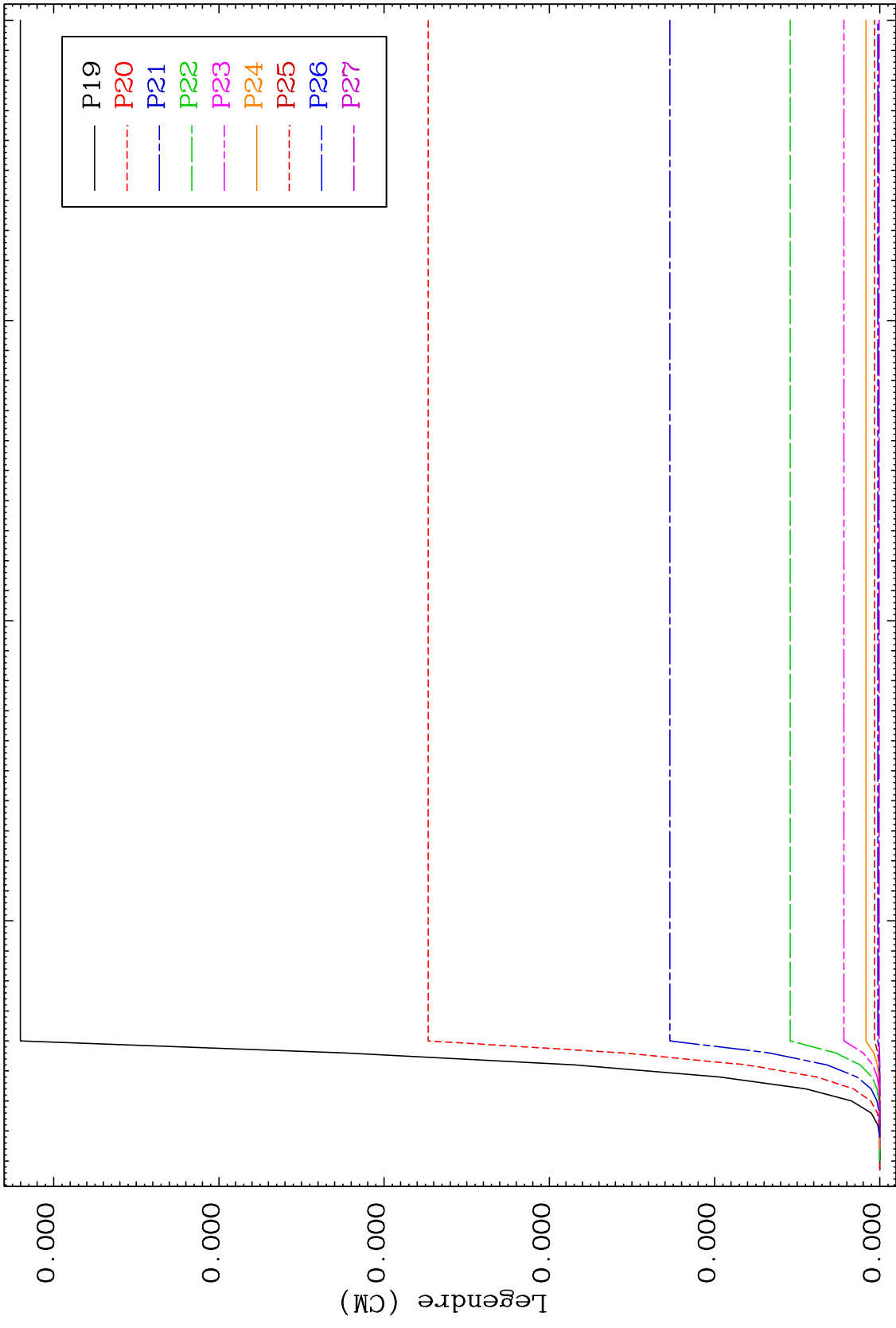


107

Incident Energy (MeV)

50-Sn-114

MAT 5031 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-114

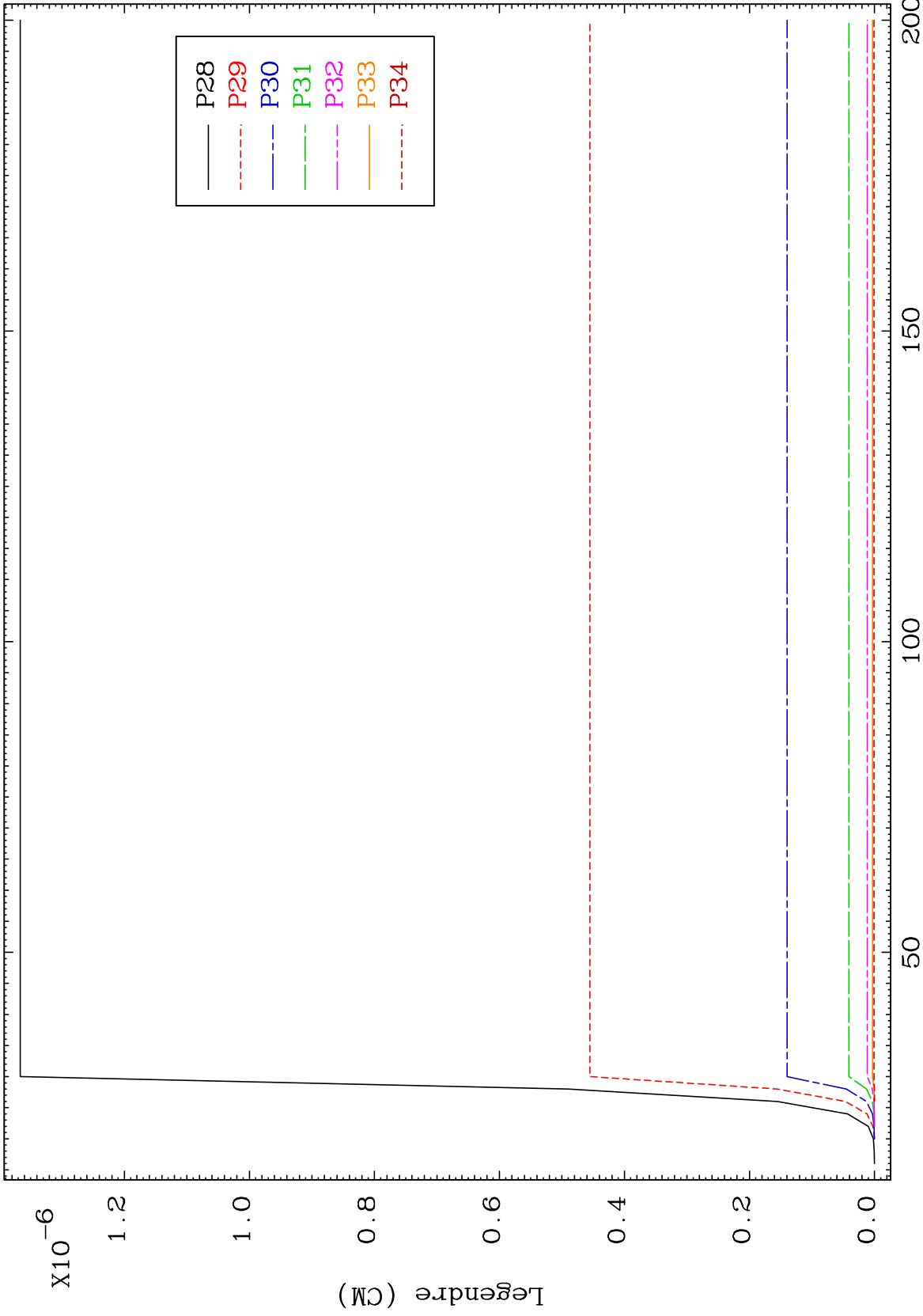


108 50-Sn-114

MAT 5031

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

50-Sn-114



109

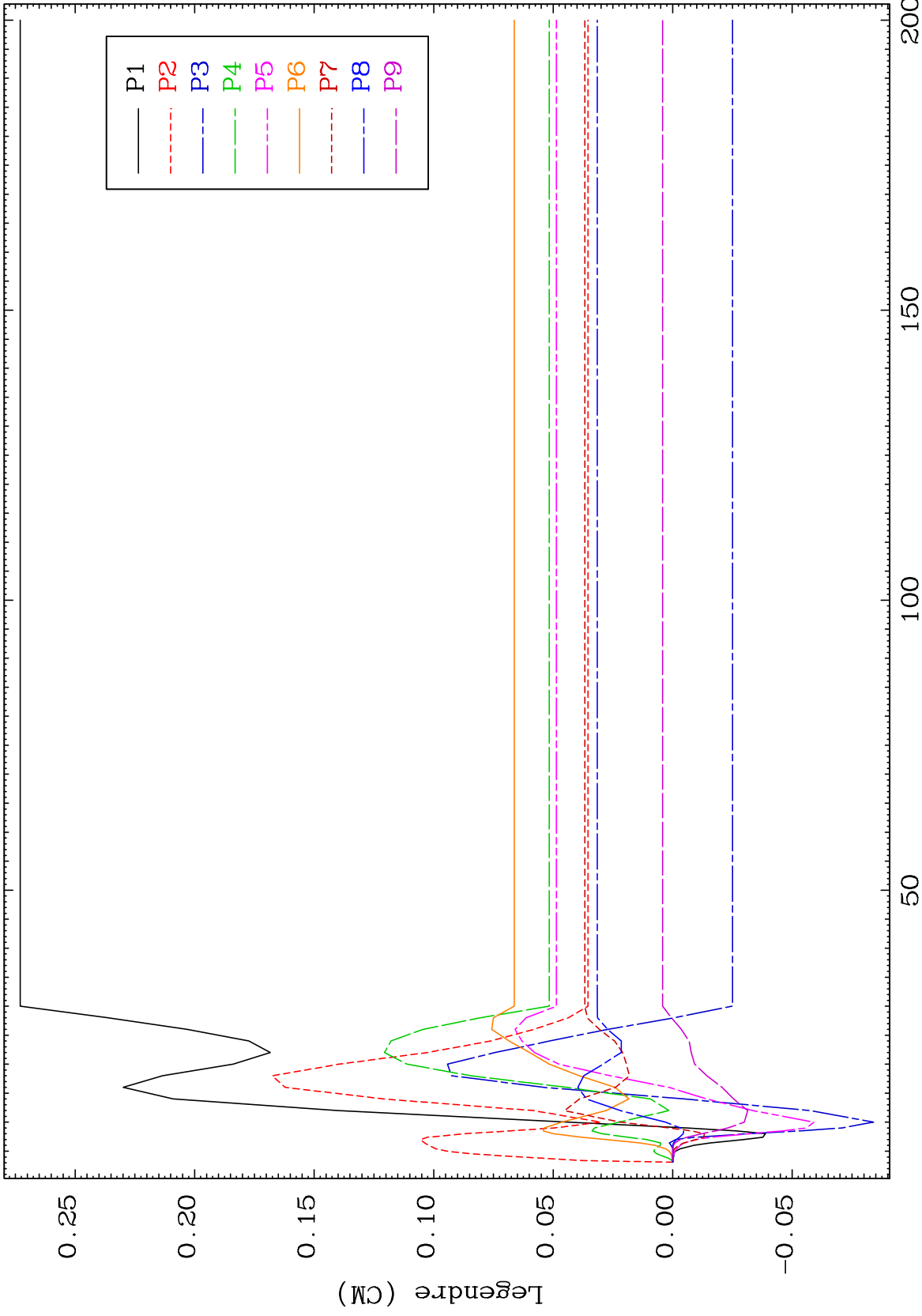
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114

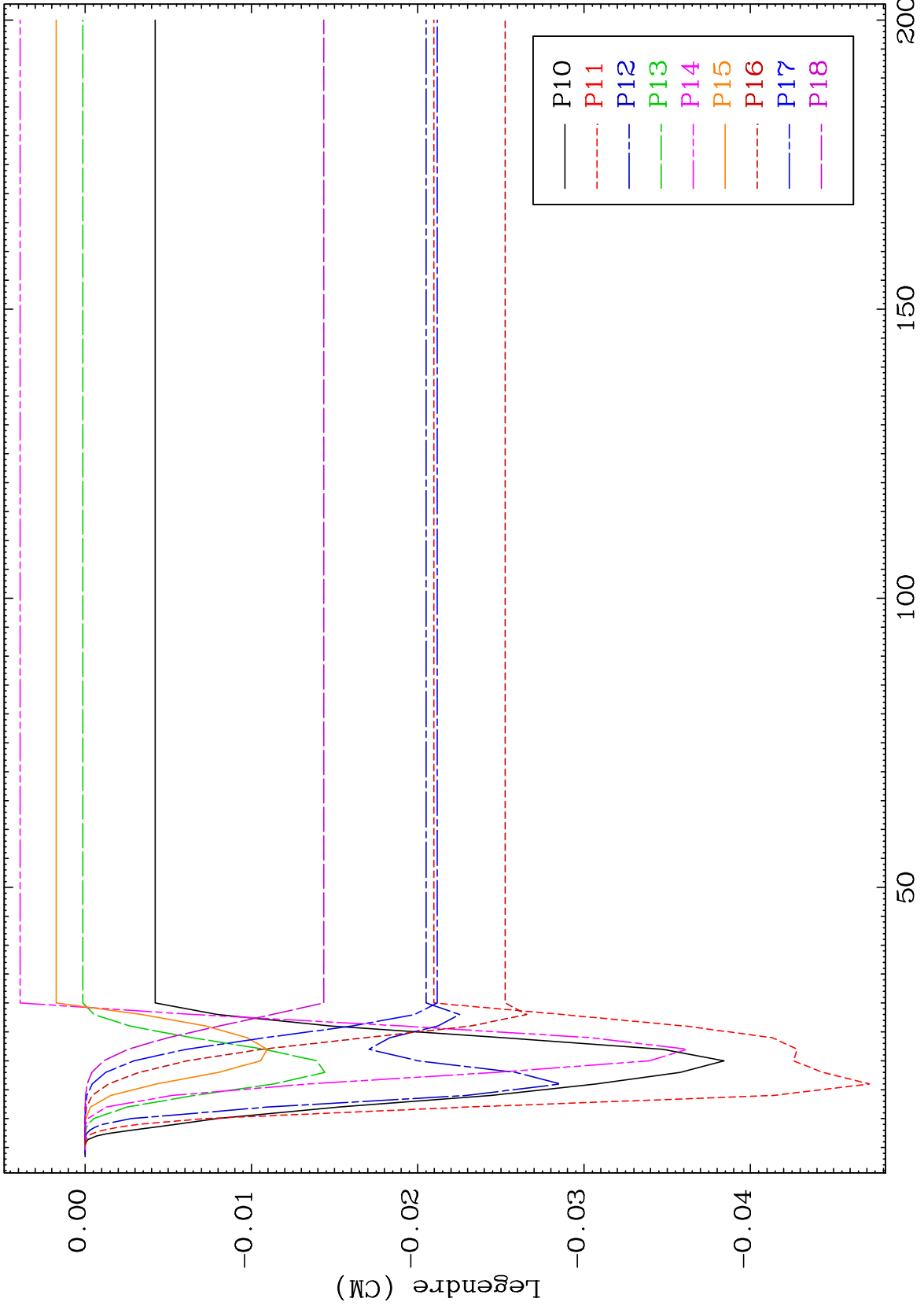


50-Sn-114

Incident Energy (MeV)

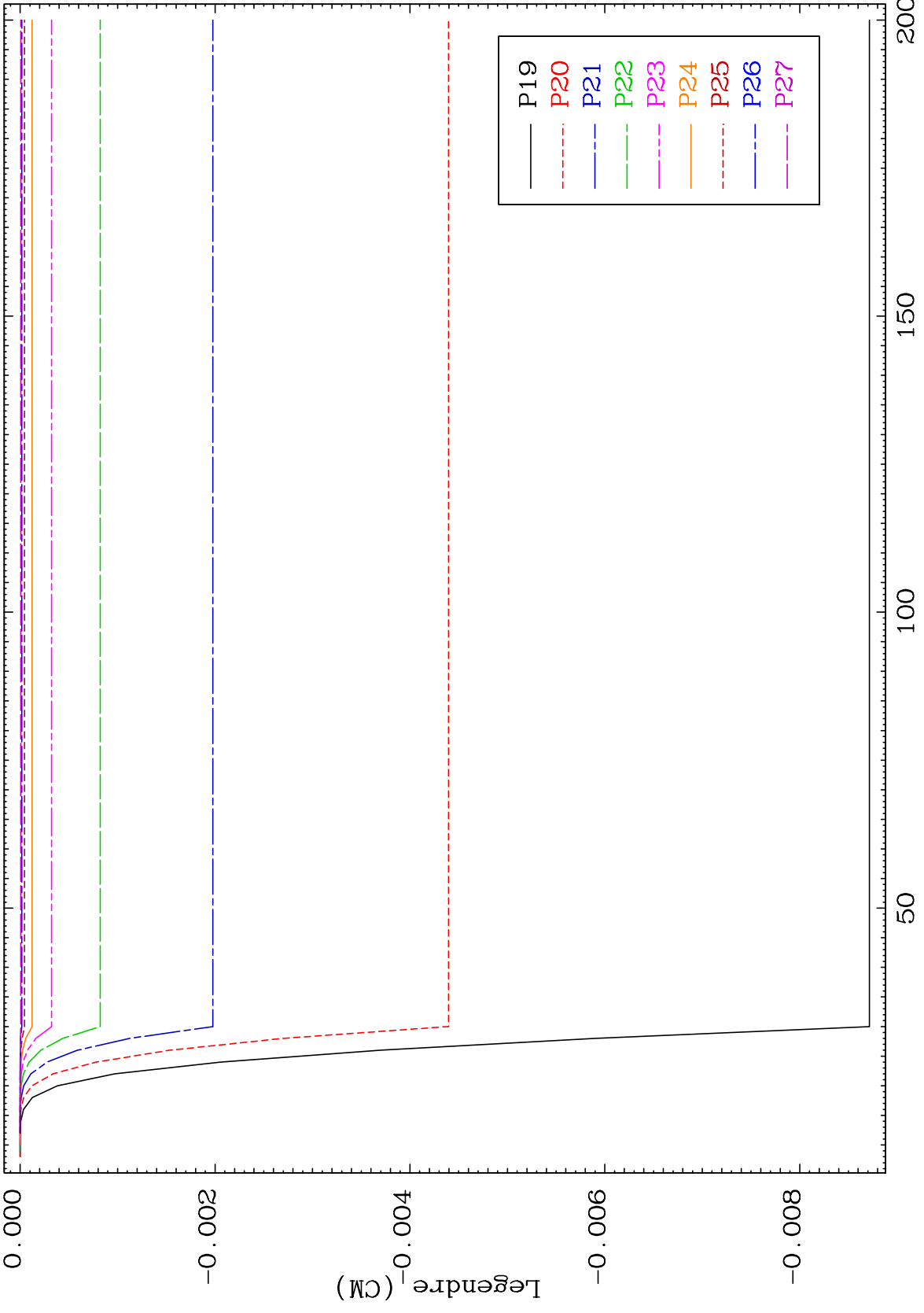
110

MAT 5031 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-114



111 Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-114

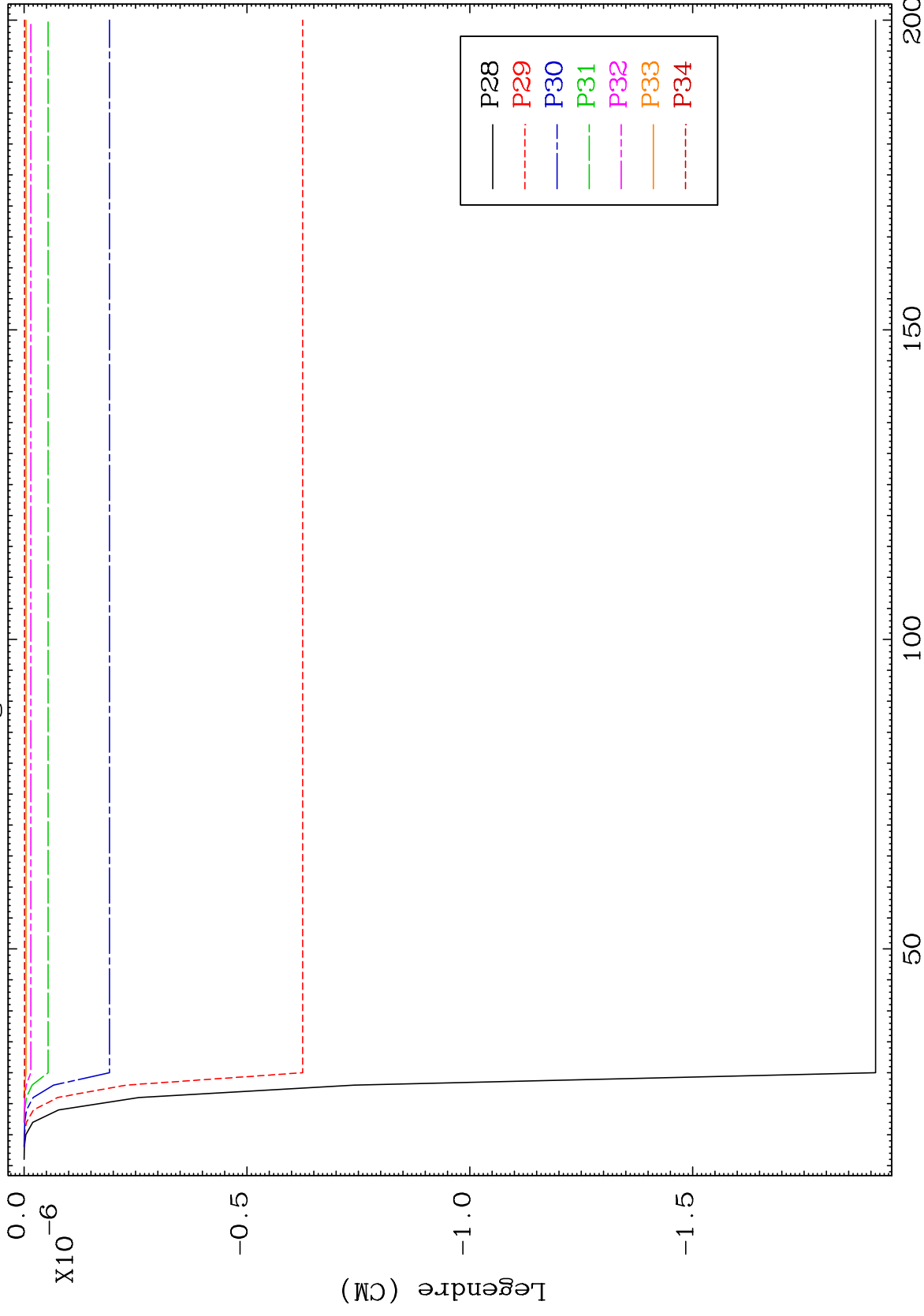


112 50-Sn-114

MAT 5031

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

50-Sn-114



50-Sn-114

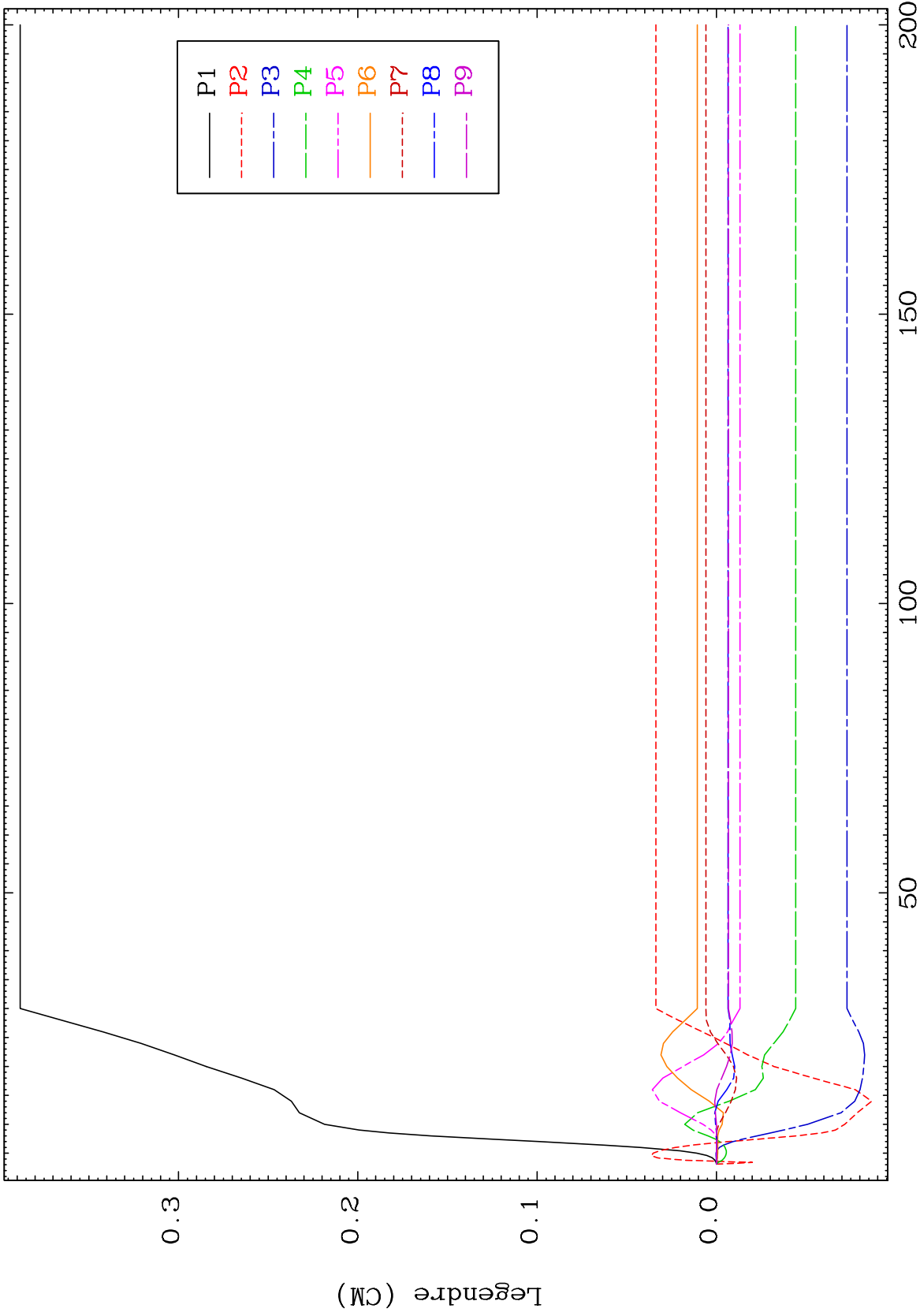
Incident Energy (MeV)

113

MAT 5031

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

50-Sn-114

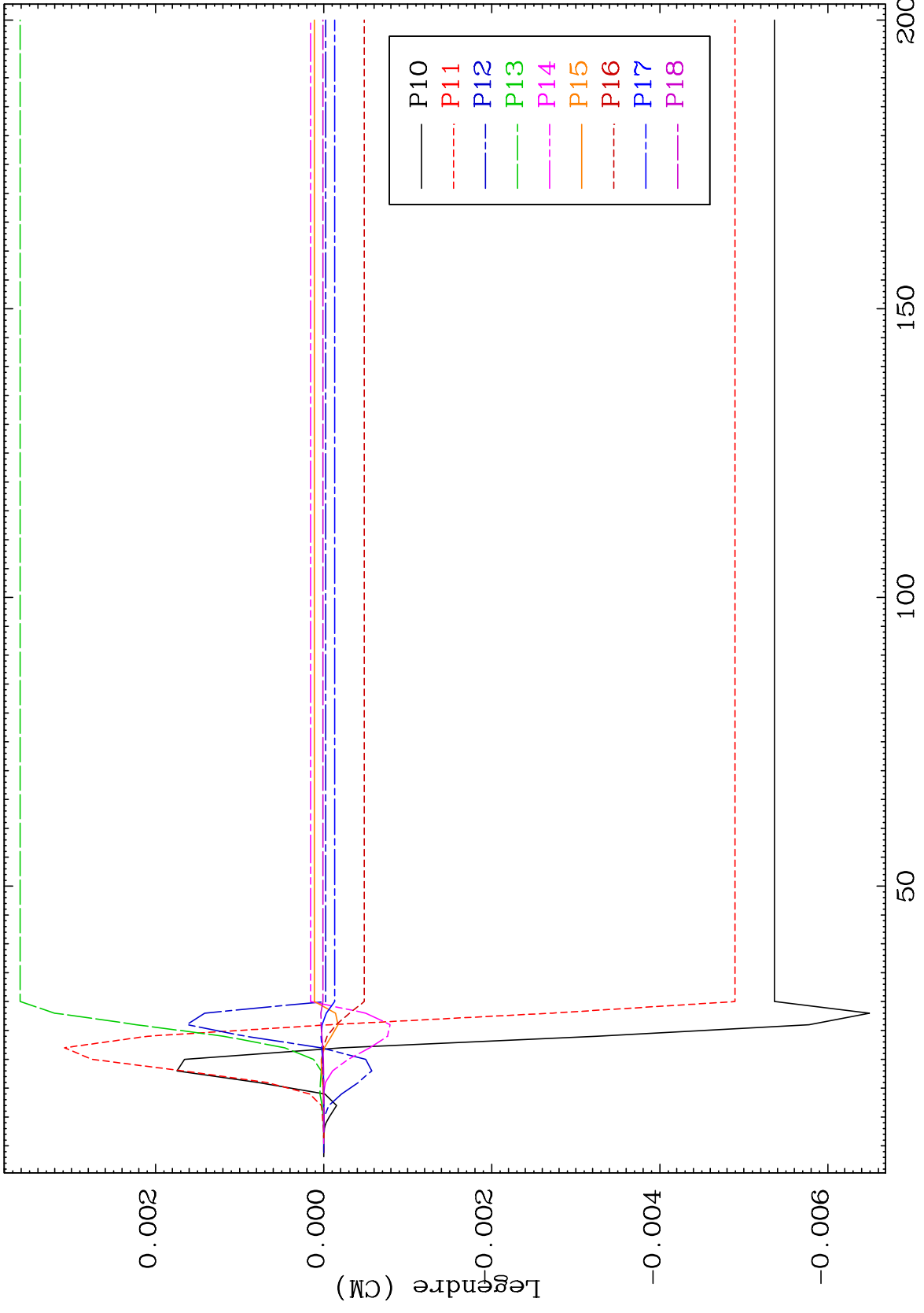


114

Incident Energy (MeV)

50-Sn-114

MAT 5031 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-114

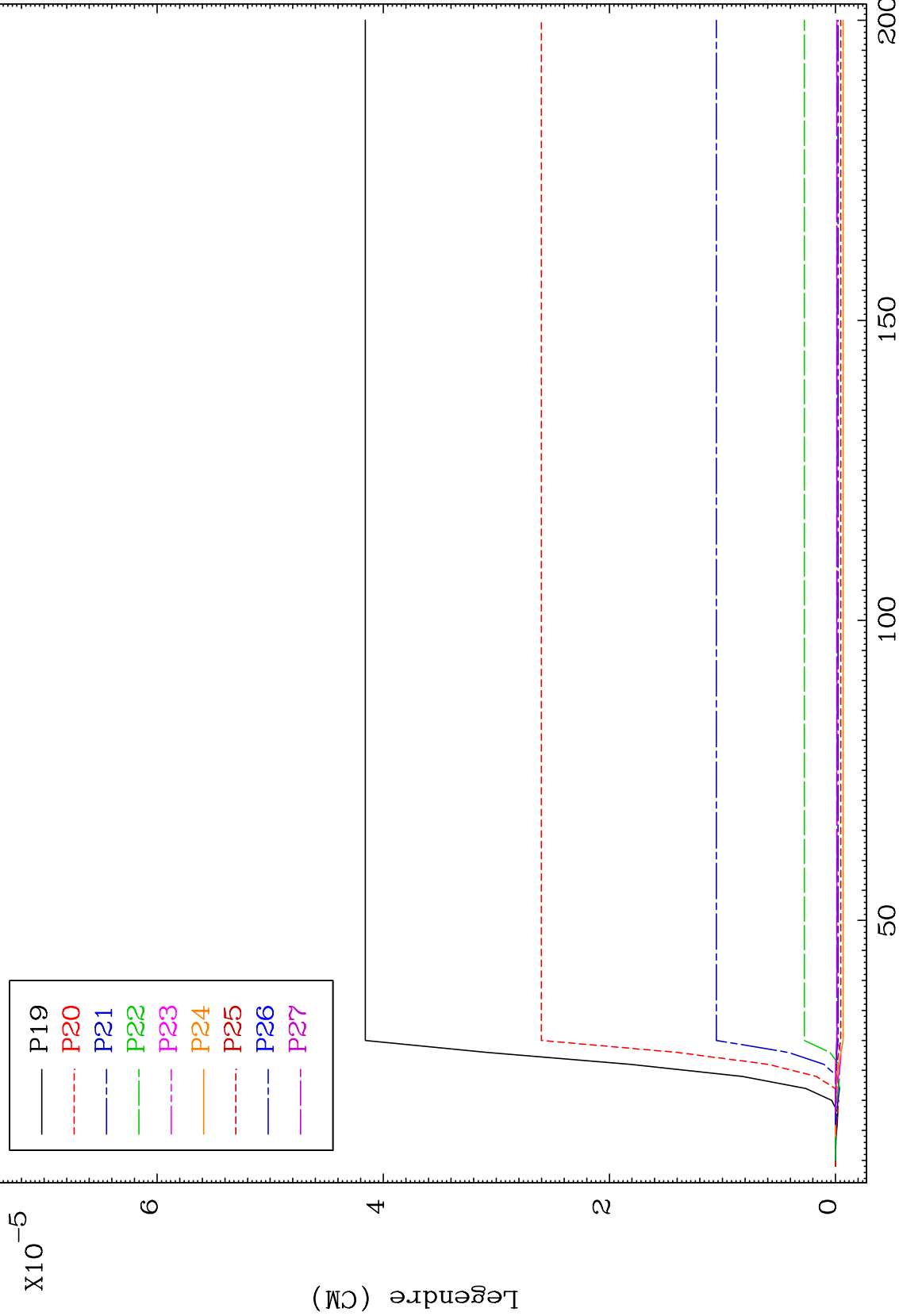
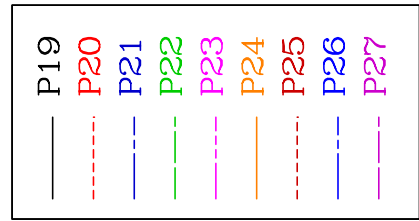


115 Incident Energy (MeV) 50-Sn-114

MAT 5031

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

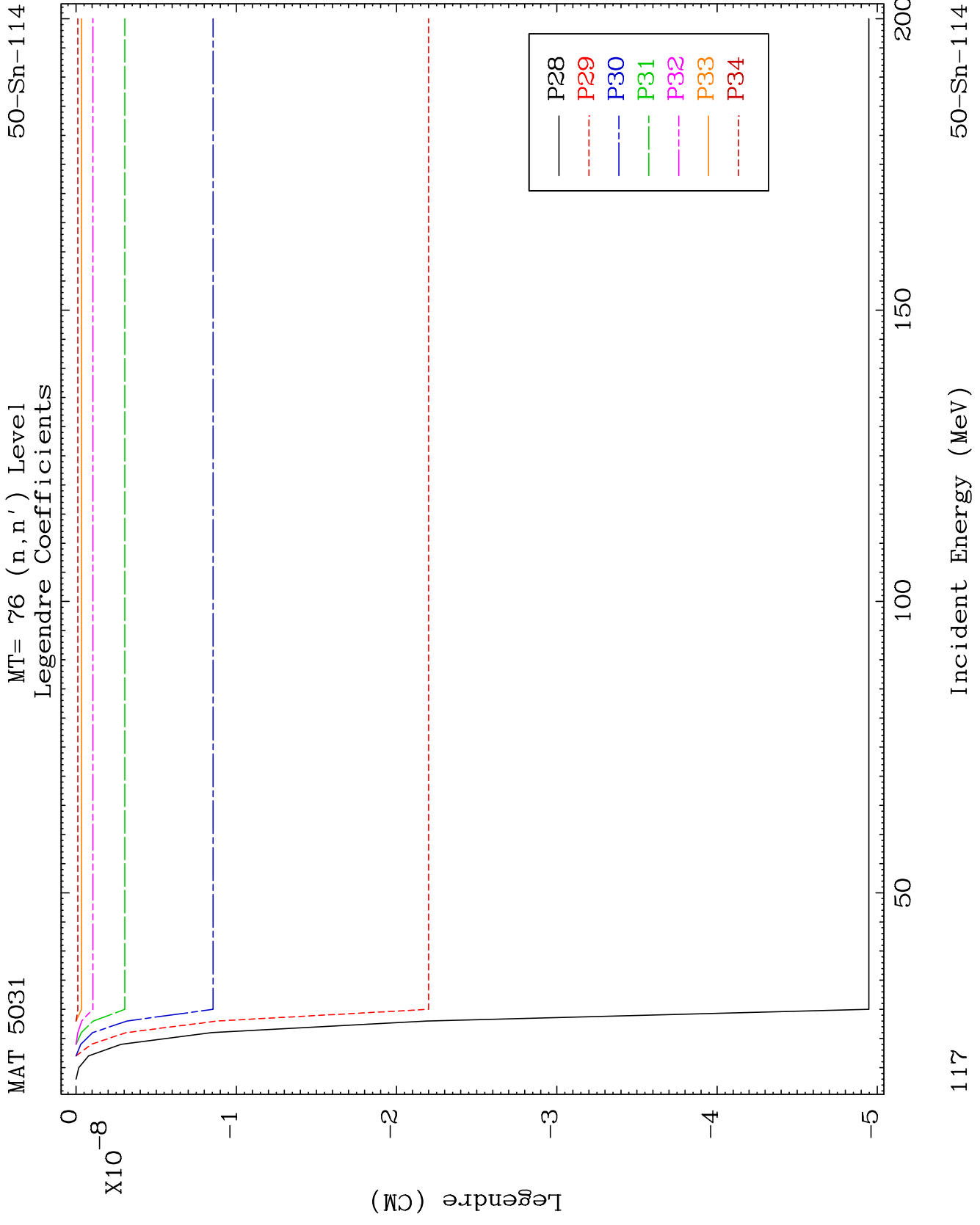
50-Sn-114



116

Incident Energy (MeV)

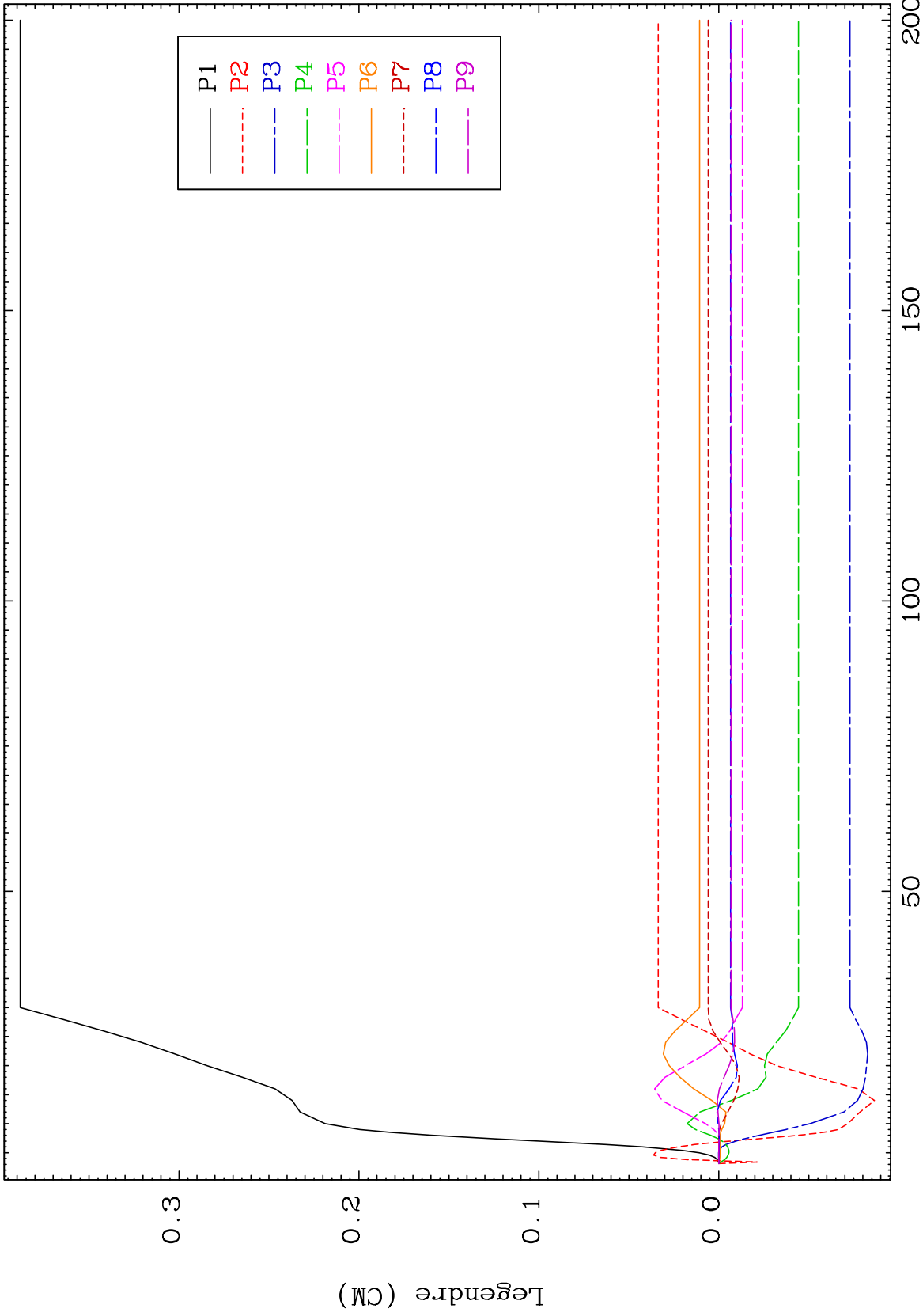
50-Sn-114



MAT 5031

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

50-Sn-114



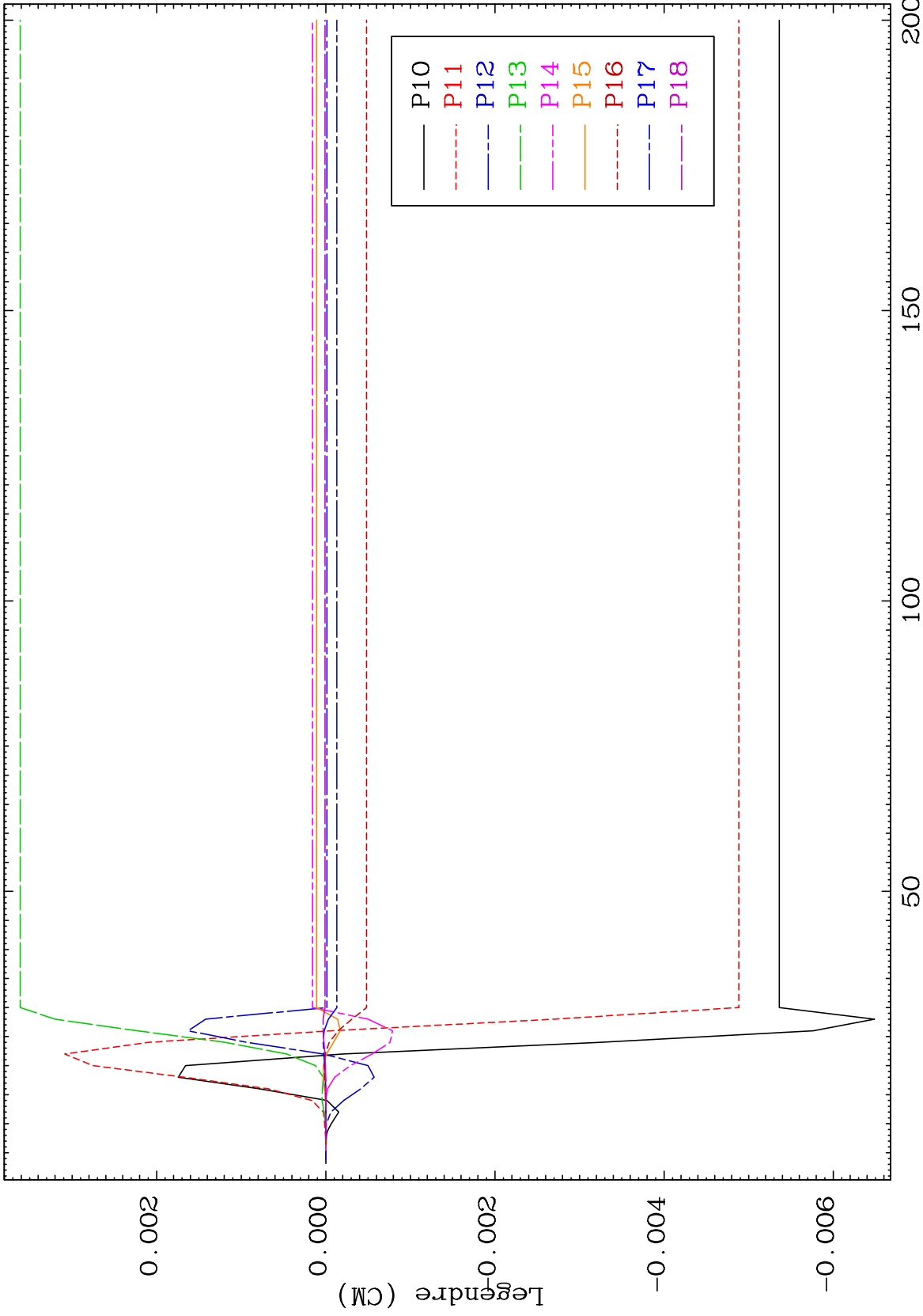
118

Incident Energy (MeV)

50-Sn-114

MAT 5031 MT= 77 (n,n') Level Legendre Coefficients

50-Sn-114



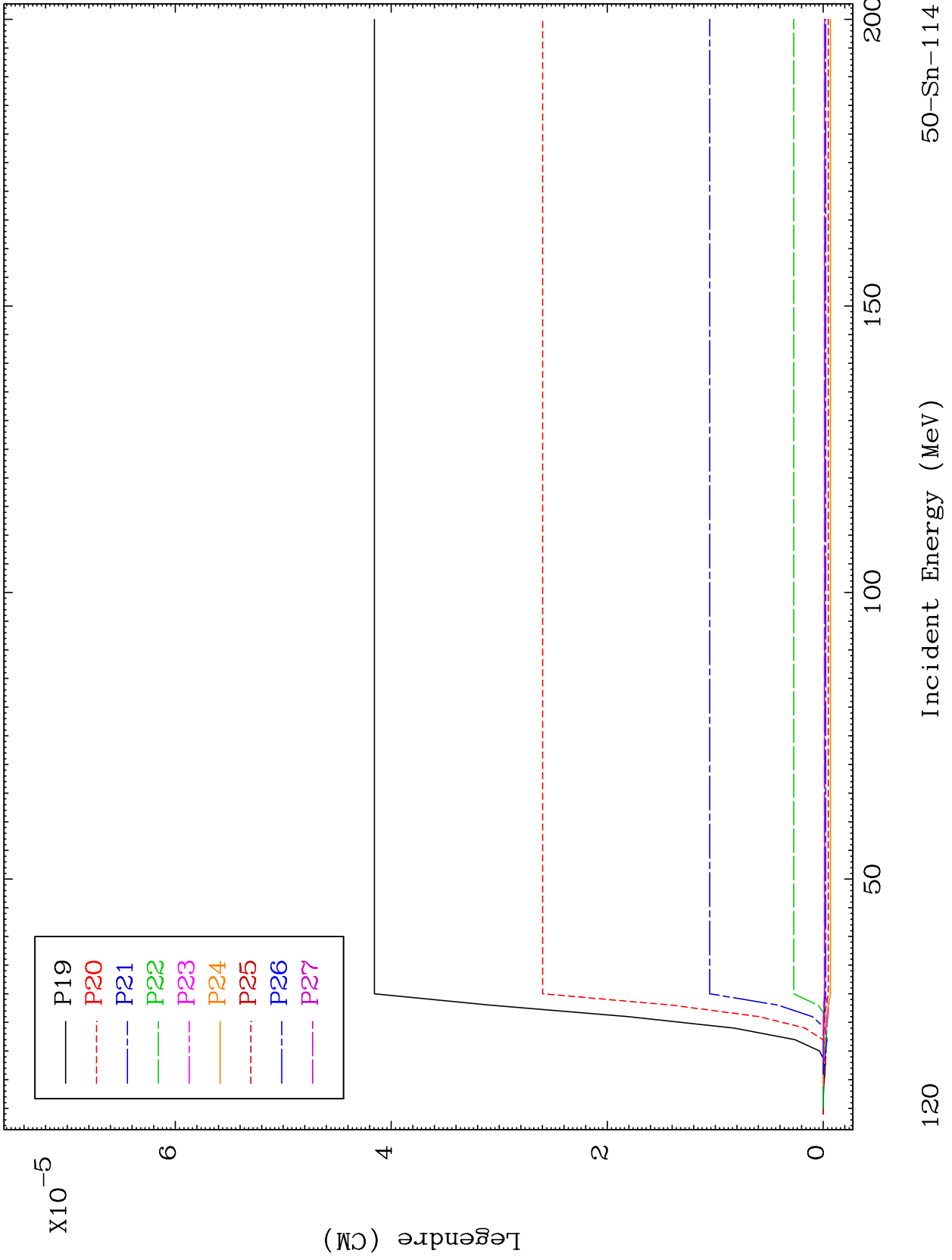
50-Sn-114

119

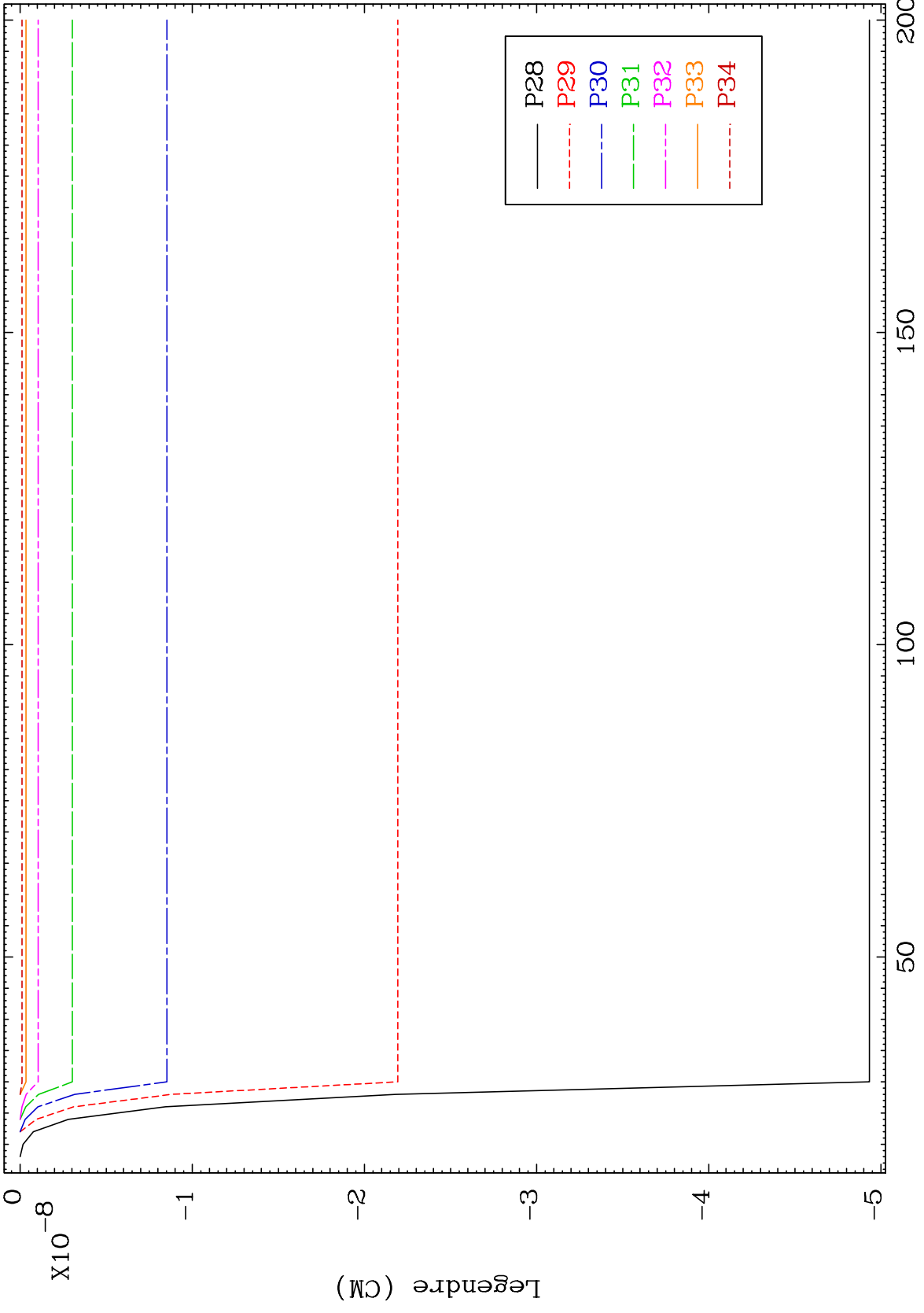
MAT 5031

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

50-Sn-114

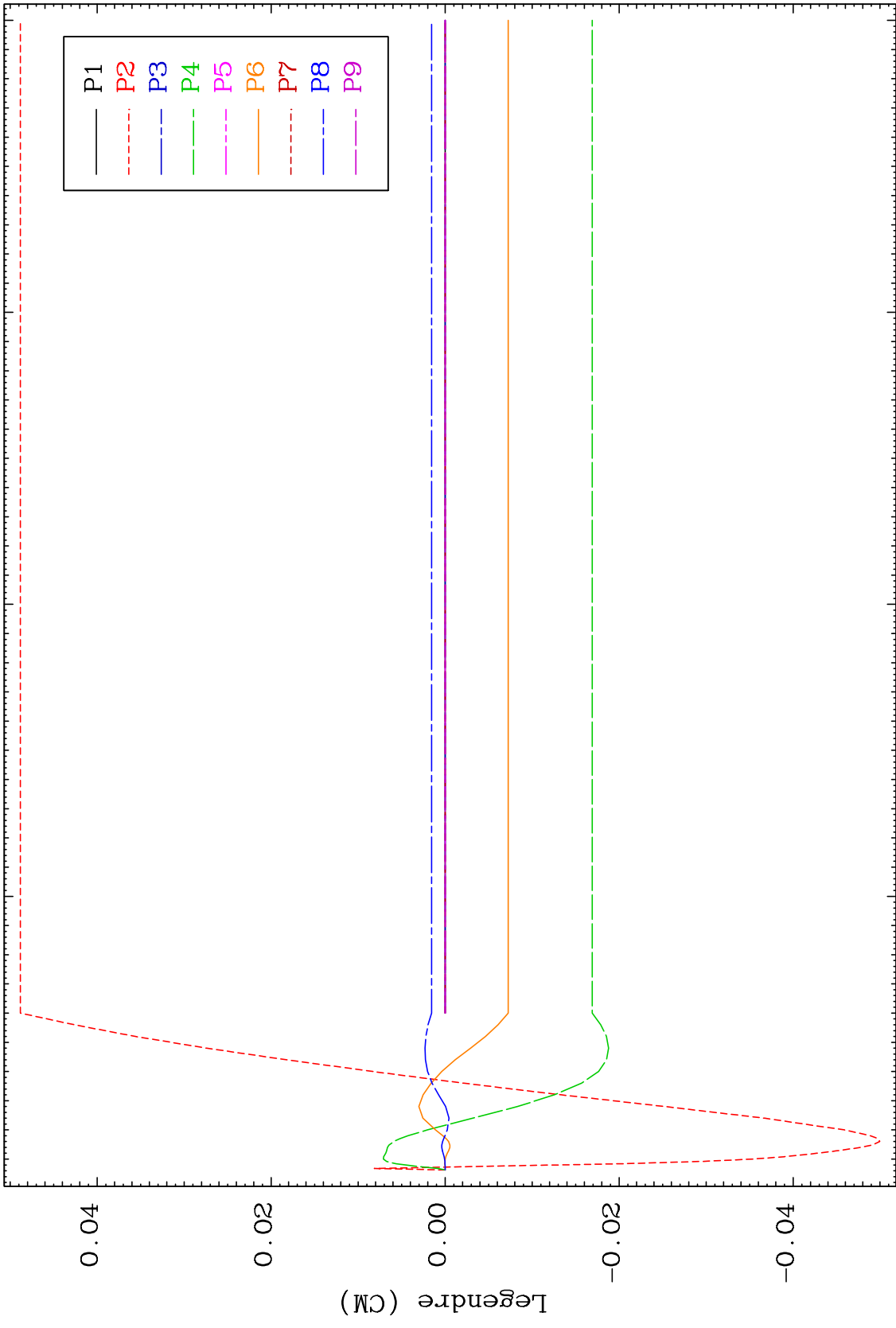


MAT 5031 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-114



121 Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-114

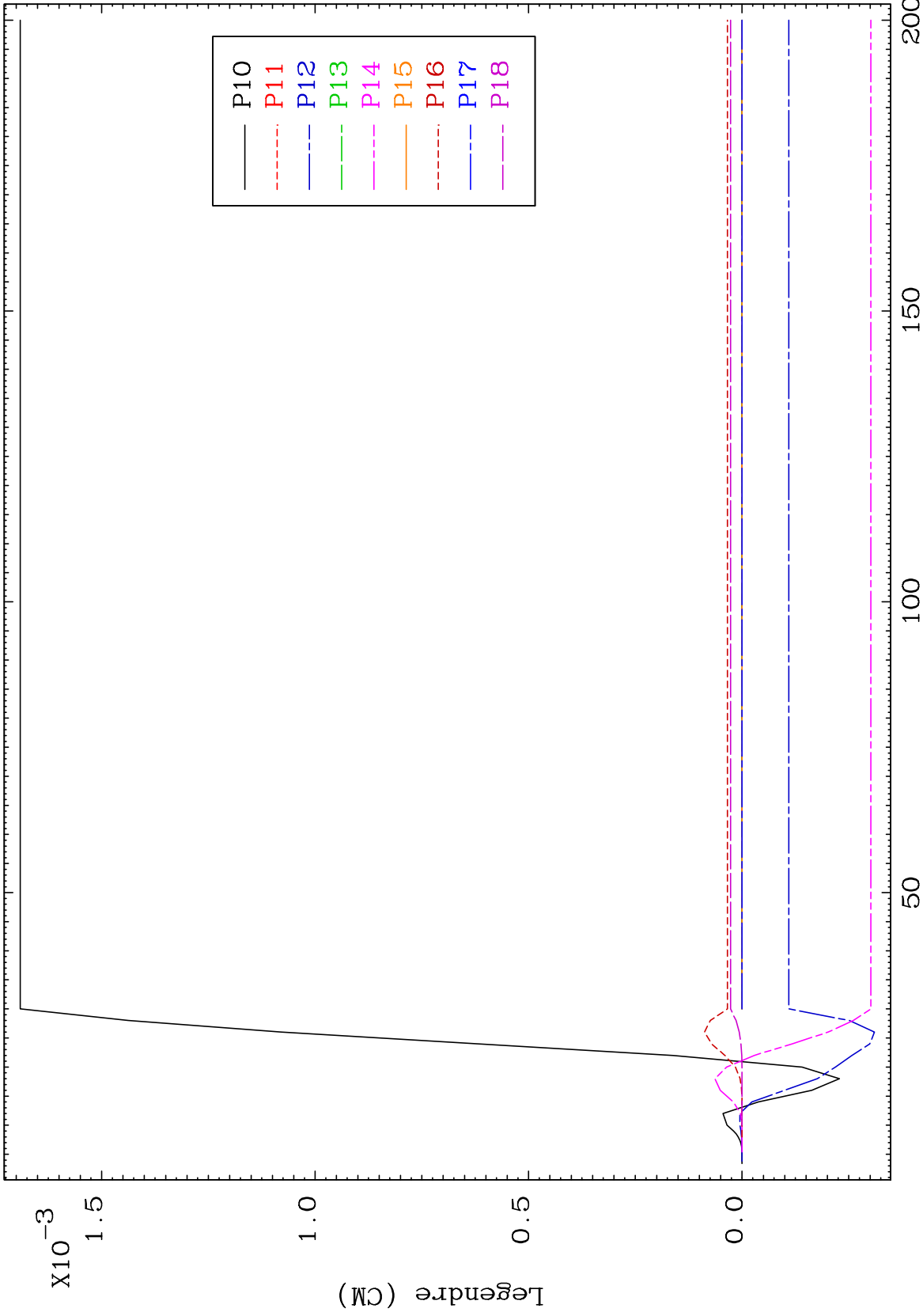


122 Incident Energy (MeV) 50-Sn-114

MAT 5031

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

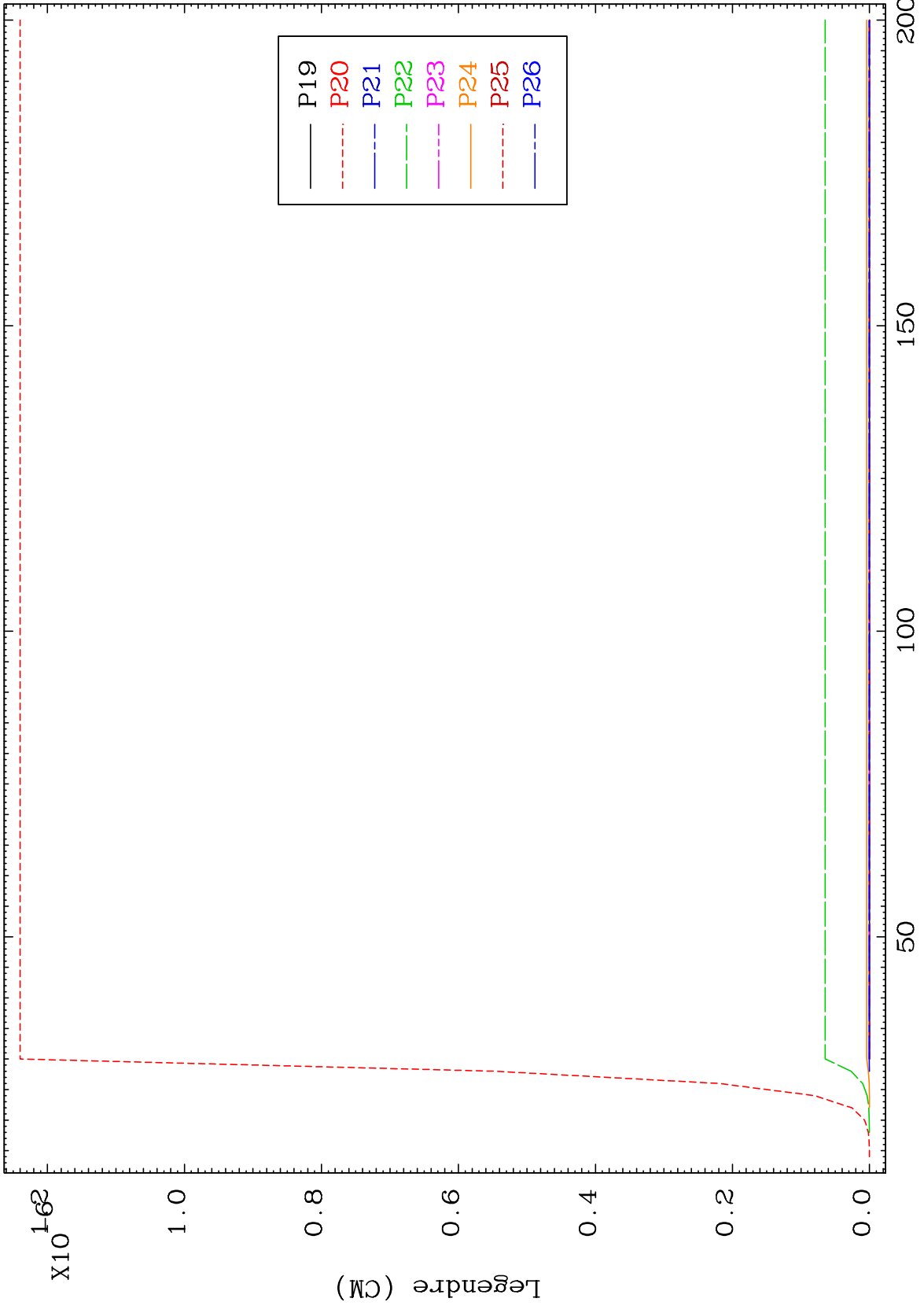
50-Sn-114



123

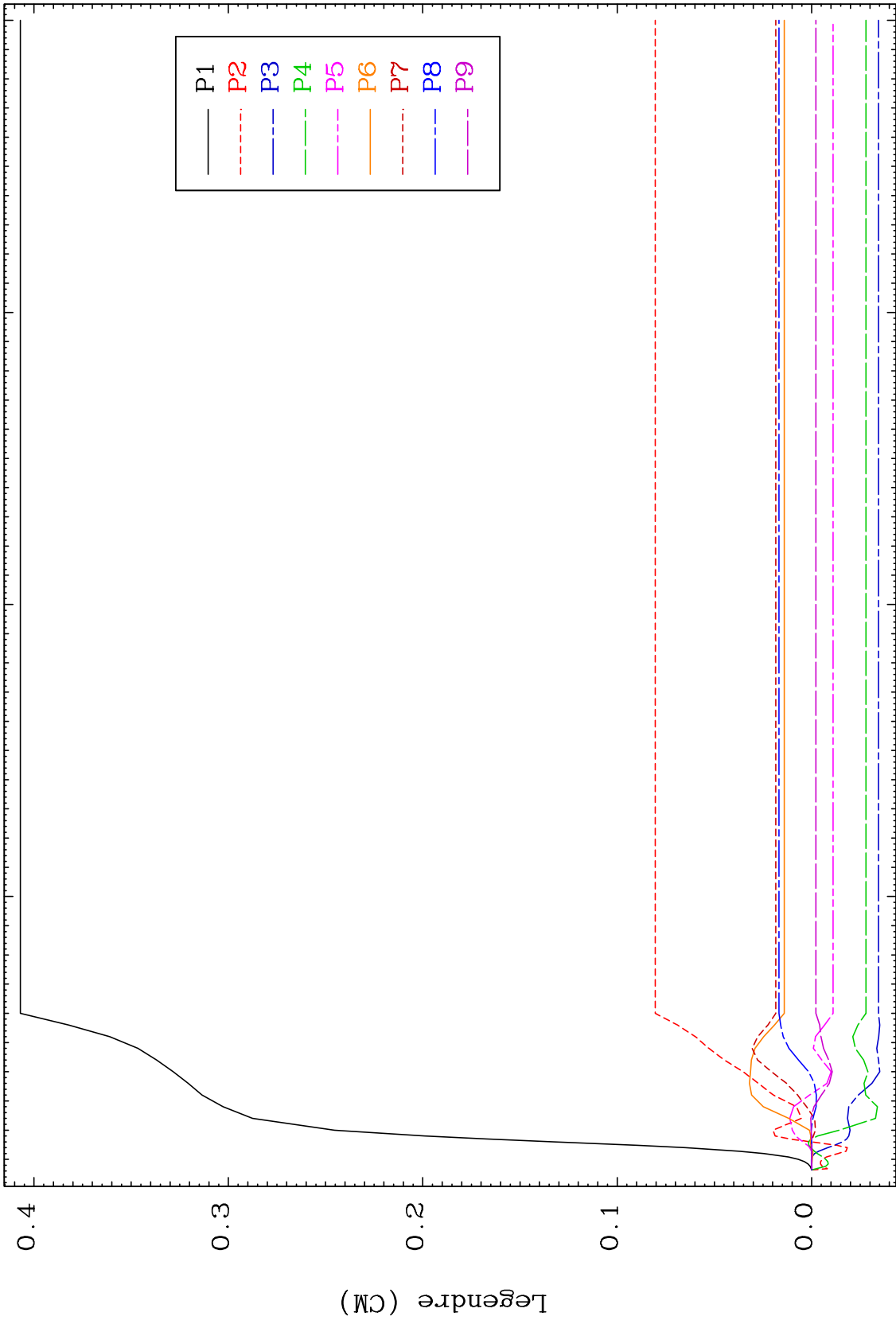
50-Sn-114

MAT 5031 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-114



124 50 100 150 200 Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-114

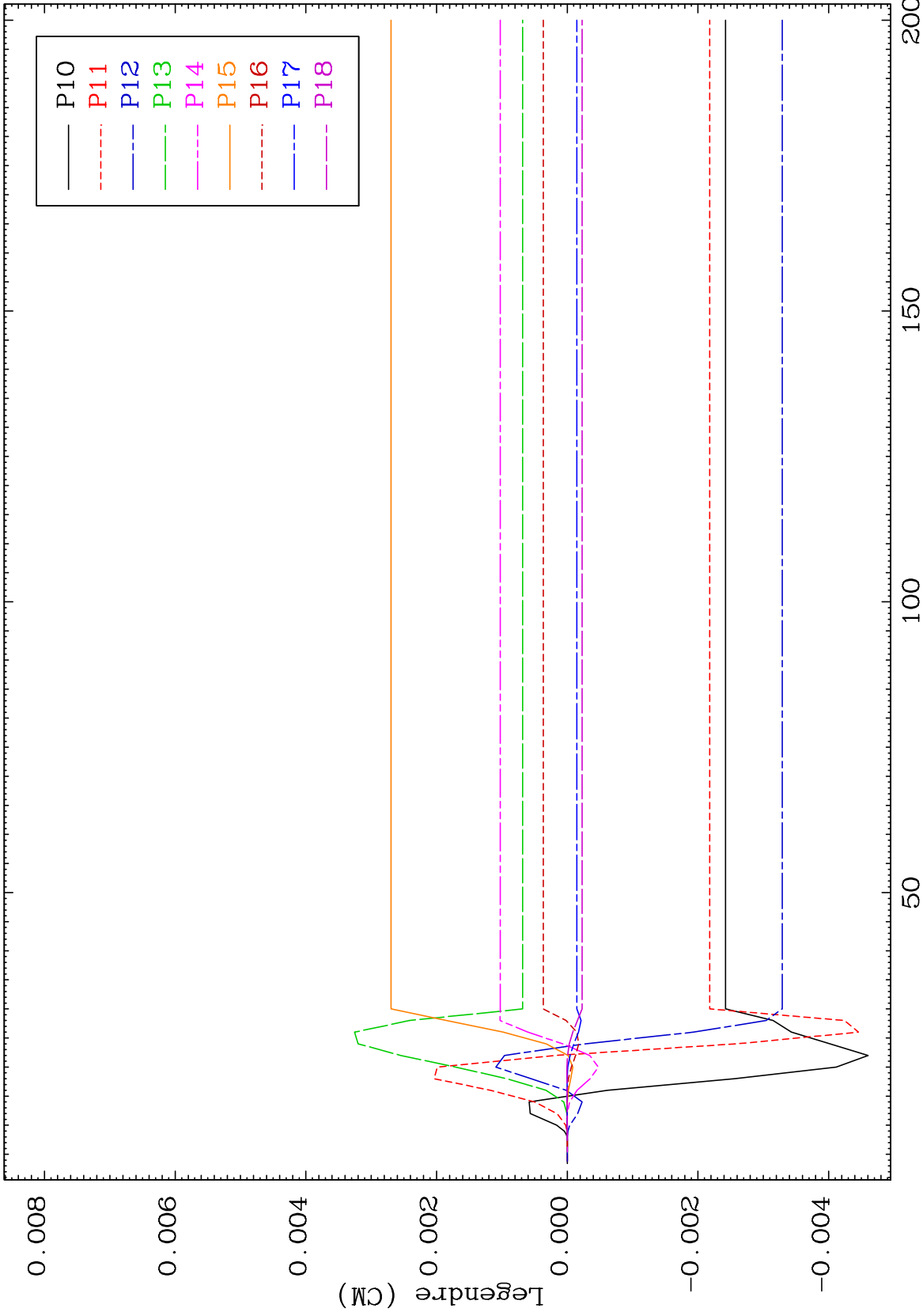


125 Incident Energy (MeV) 50-Sn-114

MAT 5031

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

50-Sn-114



126

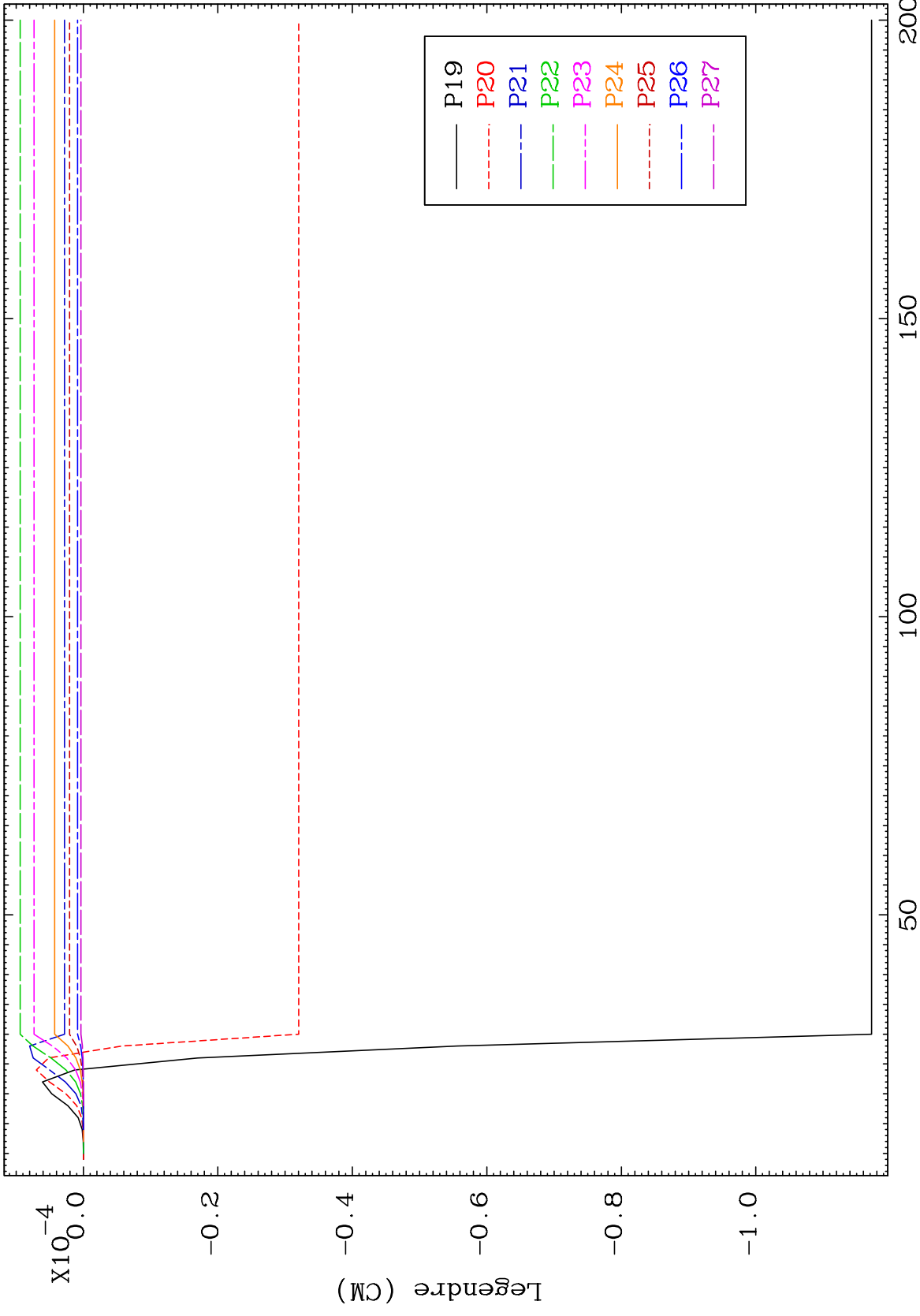
Incident Energy (MeV)

50-Sn-114

MAT 5031

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

50-Sn-114



50-Sn-114

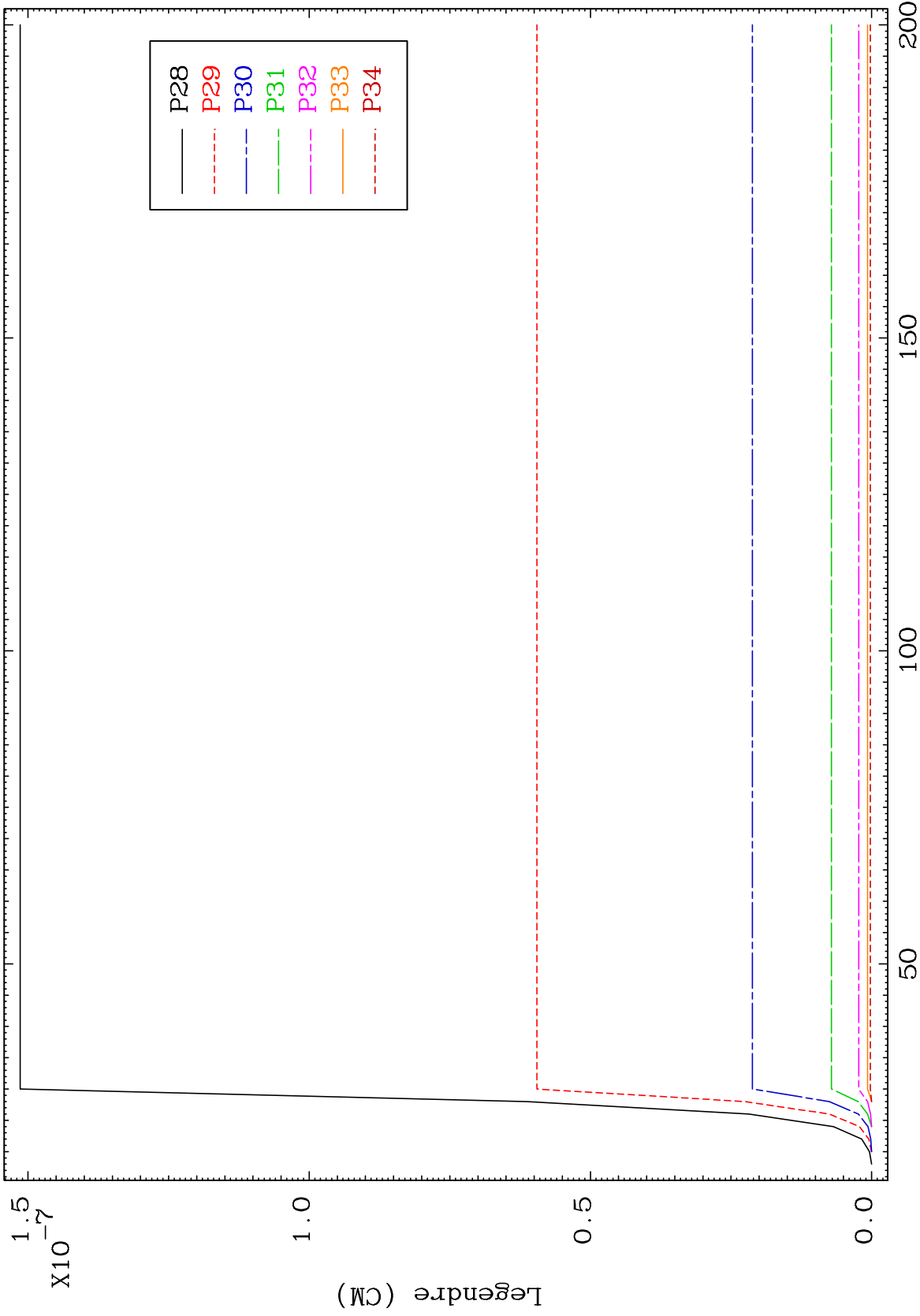
Incident Energy (MeV)

127

MAT 5031

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

50-Sn-114

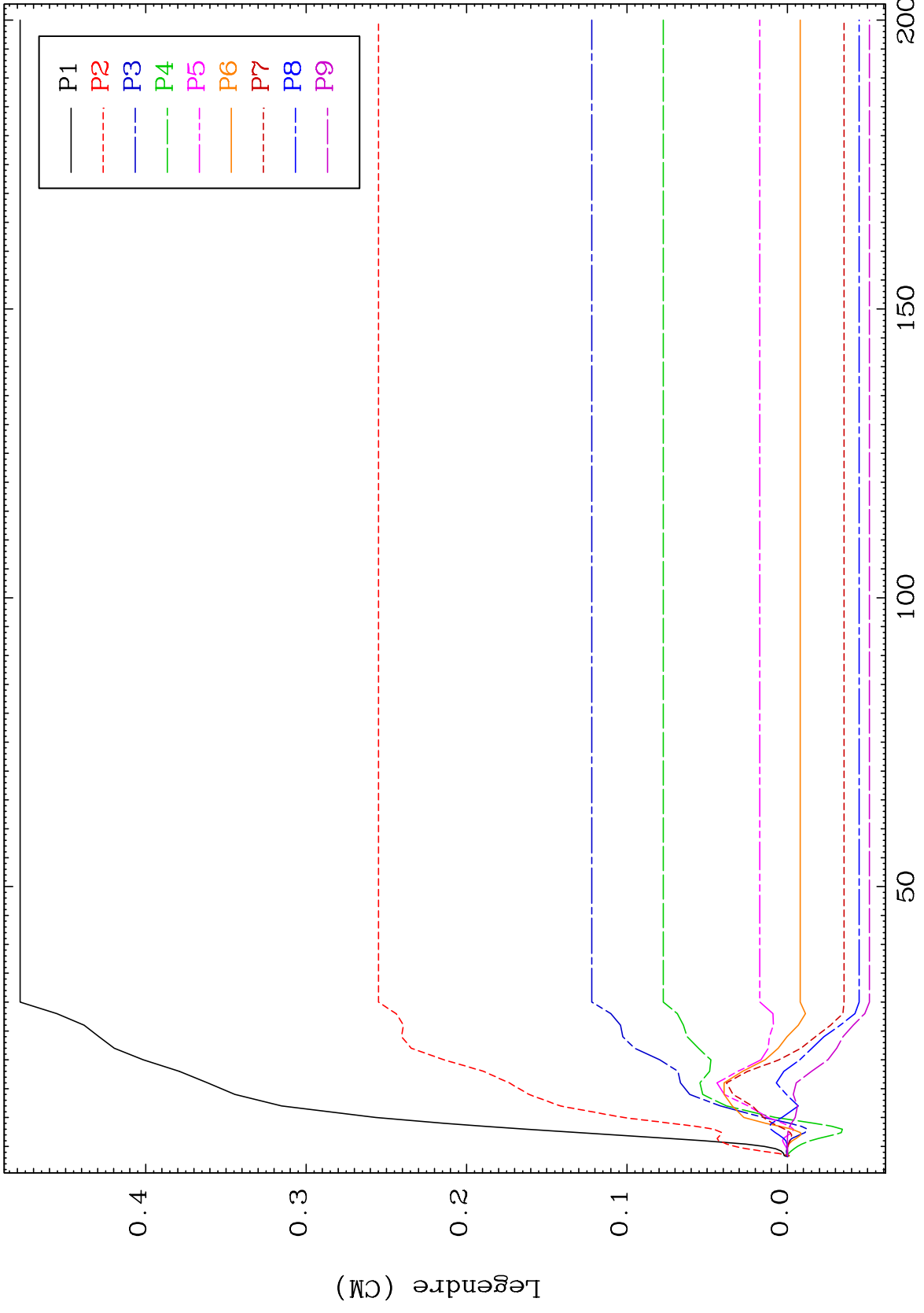


128

Incident Energy (MeV)

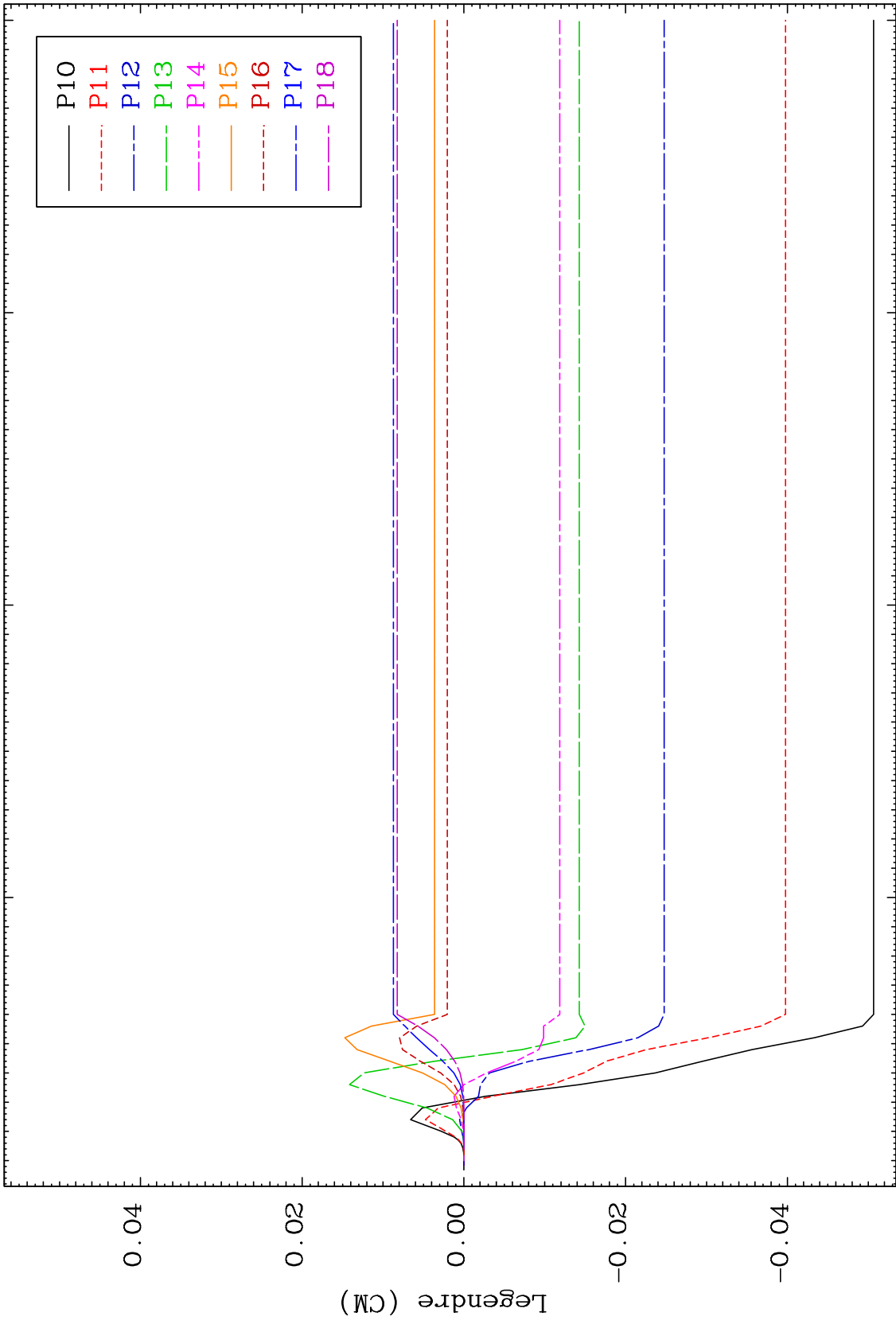
50-Sn-114

MAT 5031 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-114



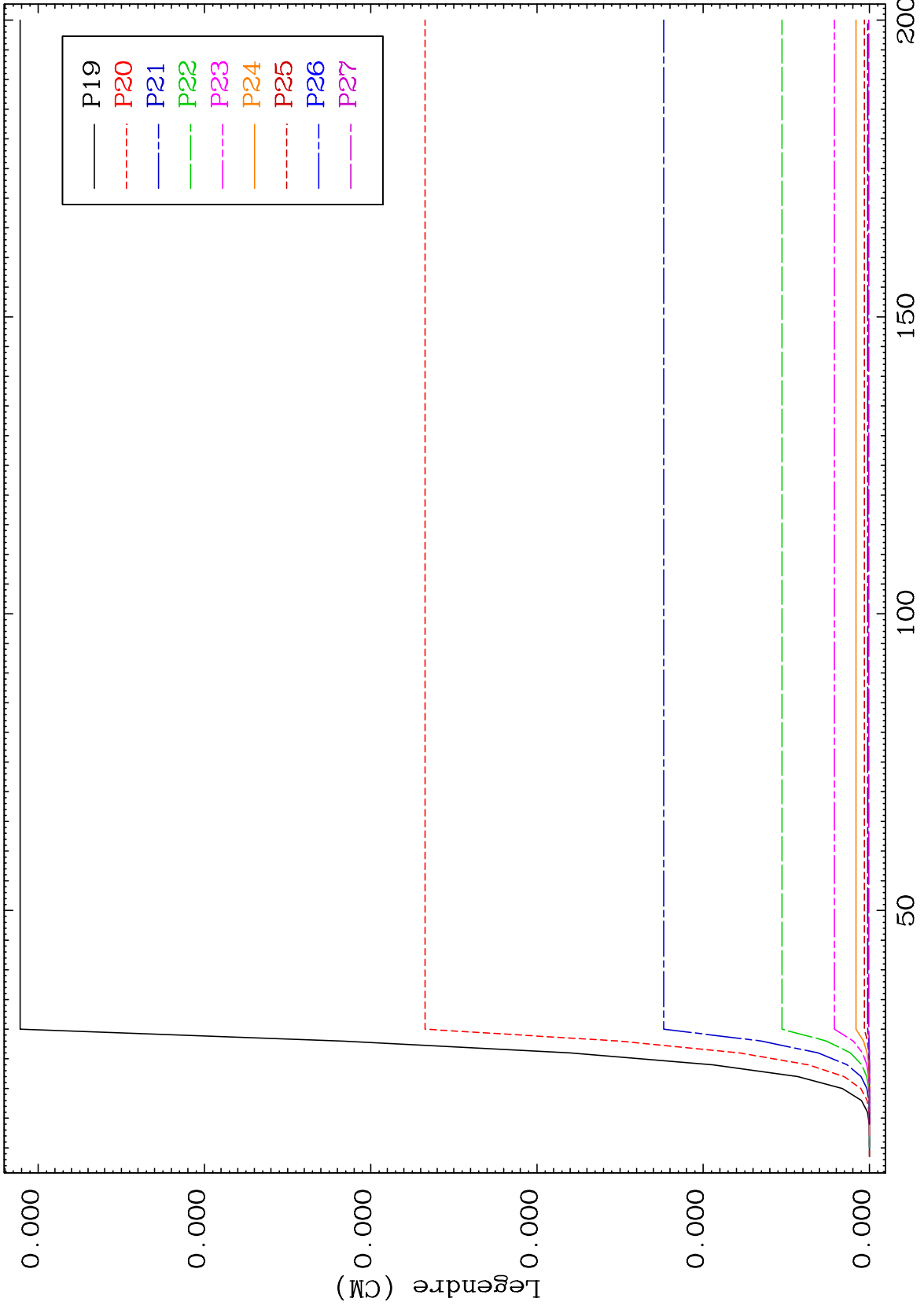
129

MAT 5031 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-114



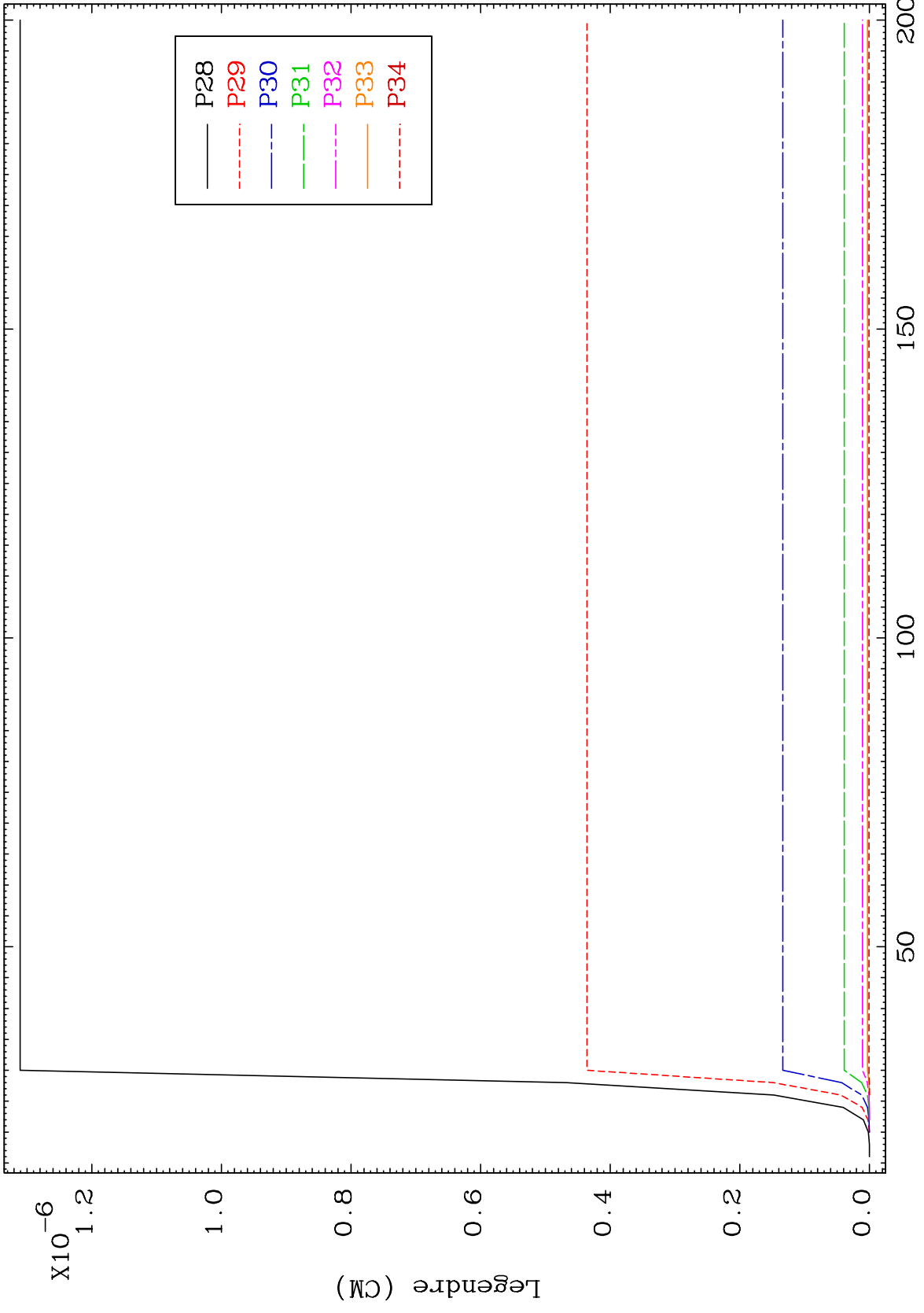
130 Incident Energy (MeV) 50-Sn-114

MAT 5031 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-114



131 50-Sn-114

MAT 5031 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-114



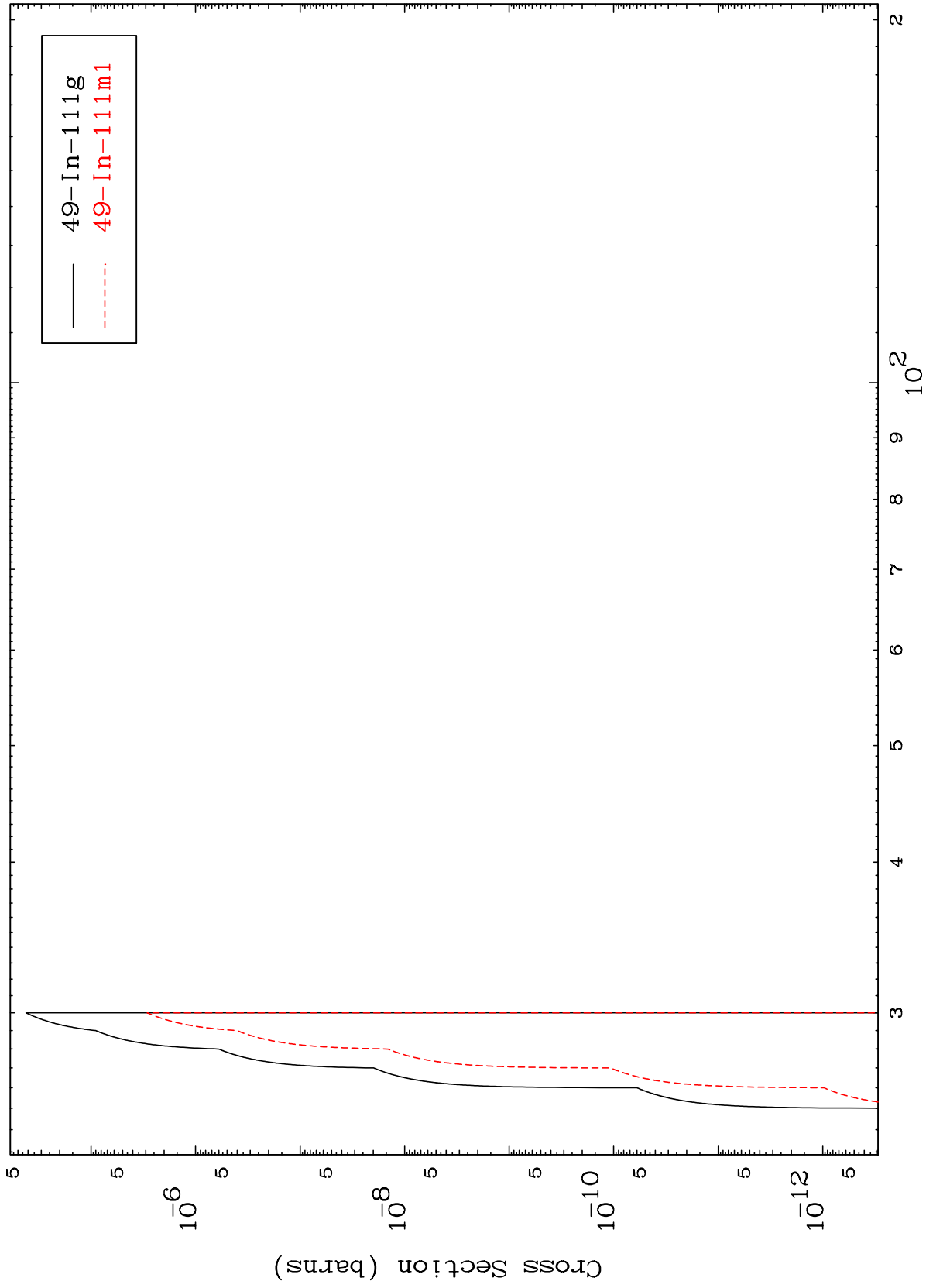
132 50-Sn-114

MAT 5031

(n,2n) d

50-Sn-114

Radionuclide Production Cross Section



133

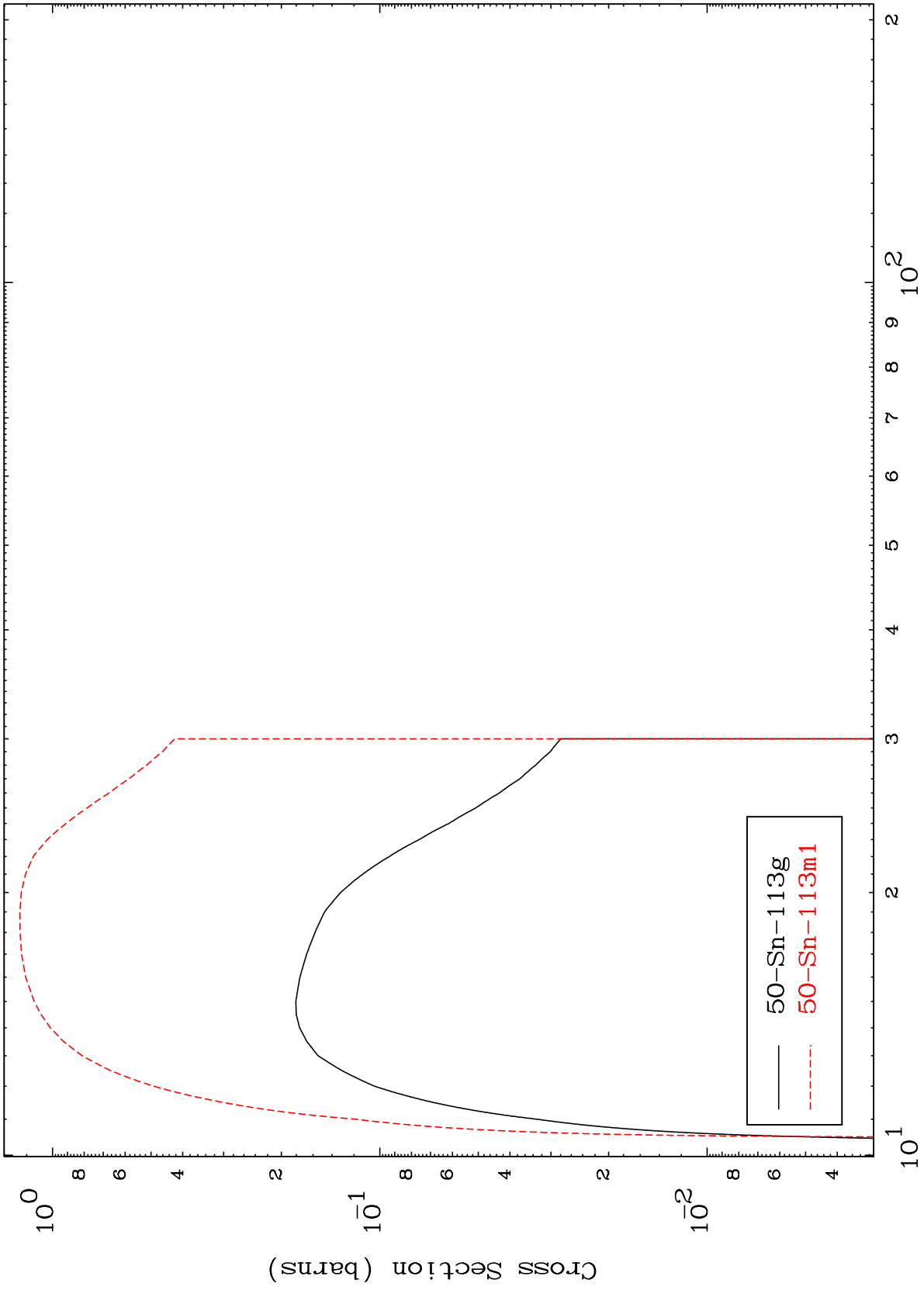
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n,2n)
Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

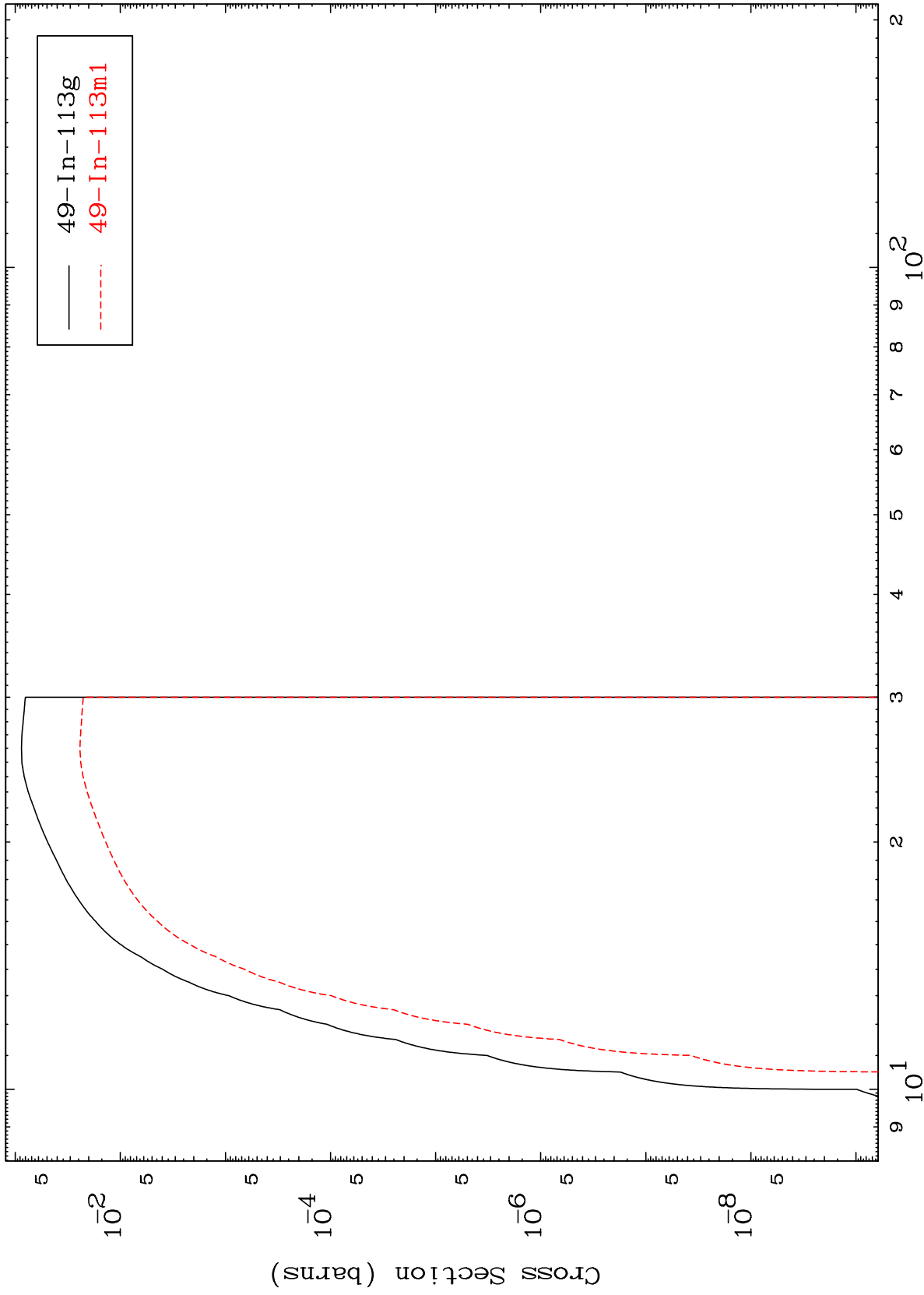
134

MAT 5031

(n,n') p

50-Sn-114

Radionuclide Production Cross Section



135

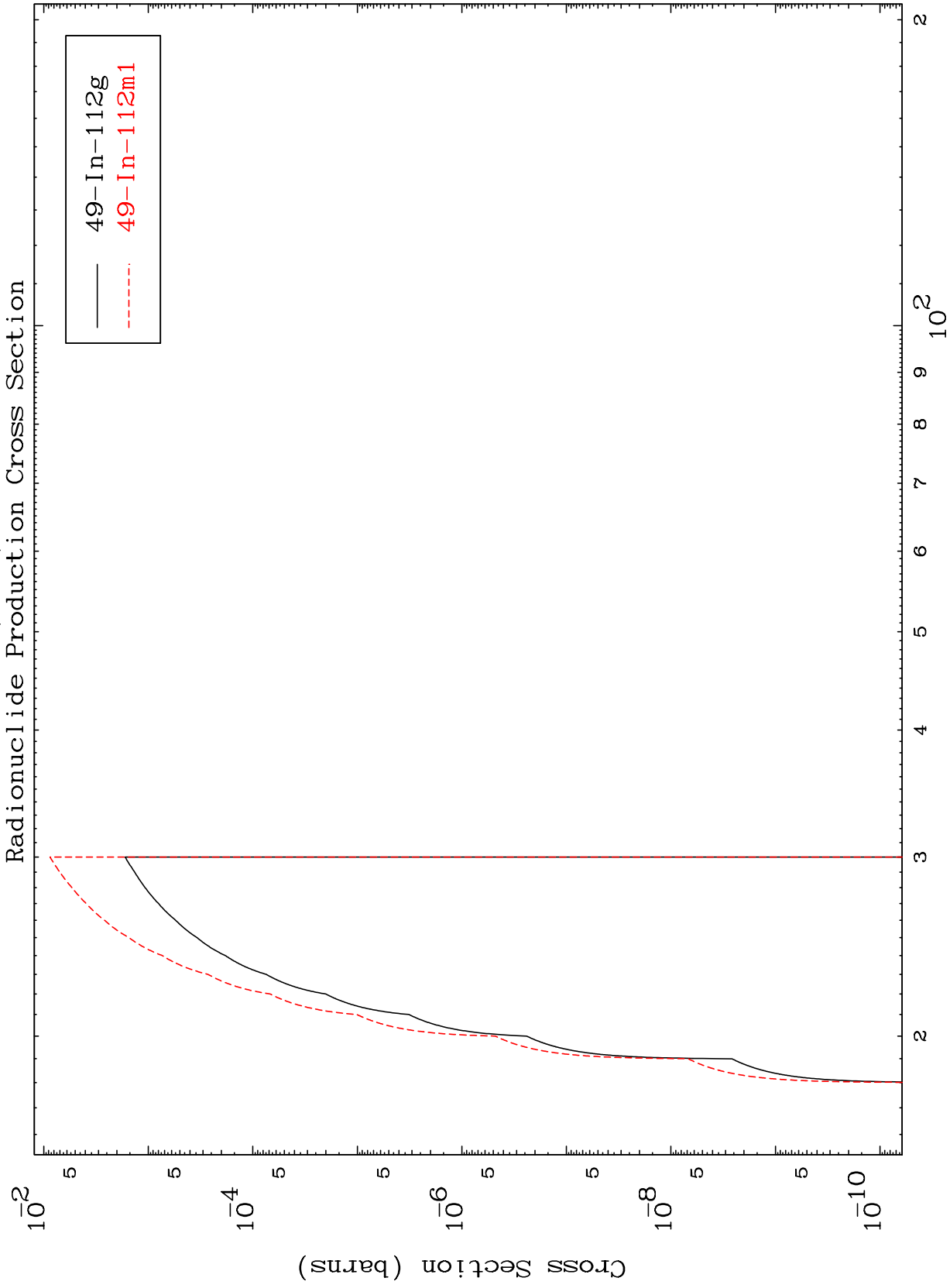
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,n') d

50-Sn-114



136

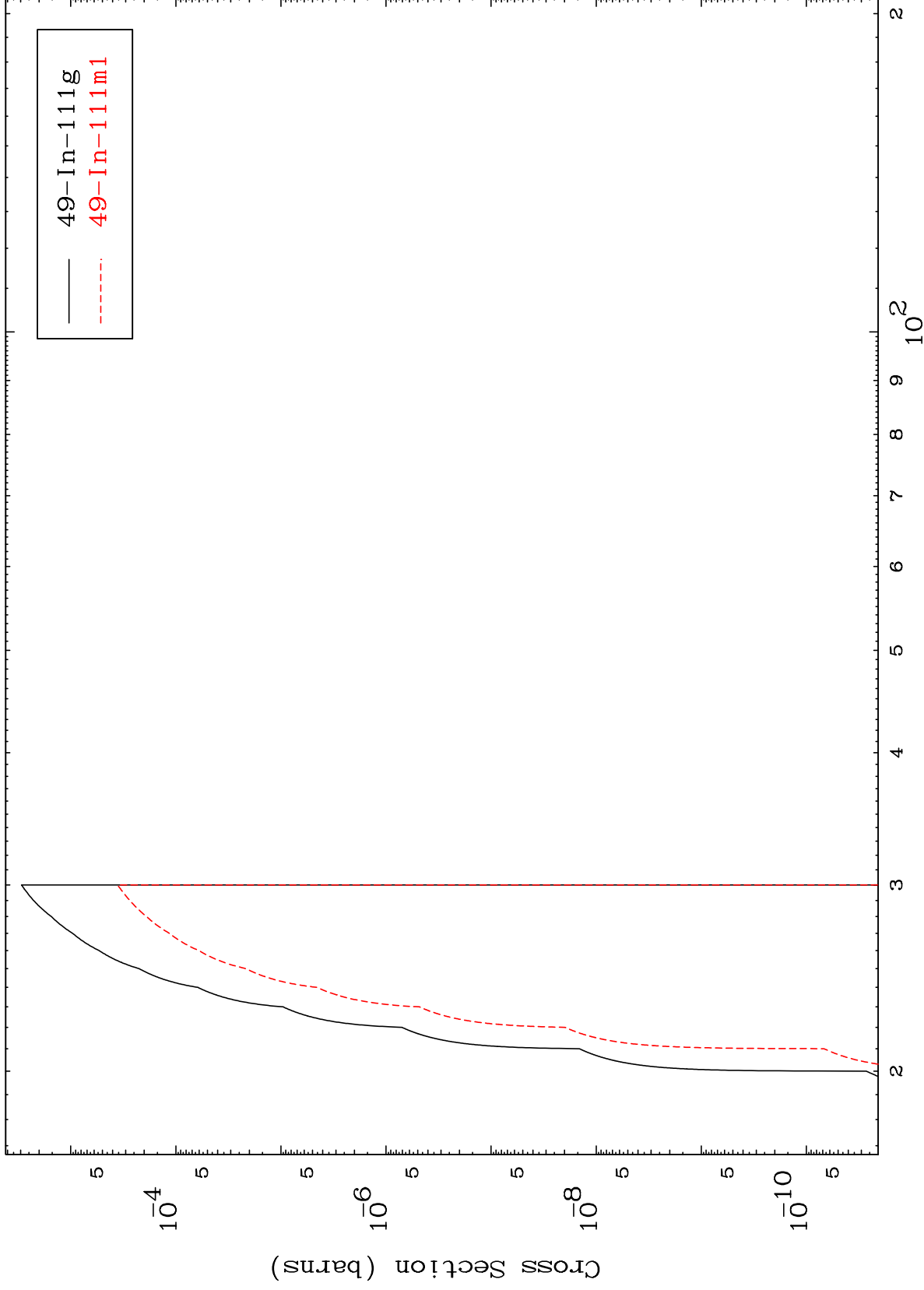
50-Sn-114

MAT 5031

(n,n') t

50-Sn-114

Radionuclide Production Cross Section



137

Incident Energy (MeV)

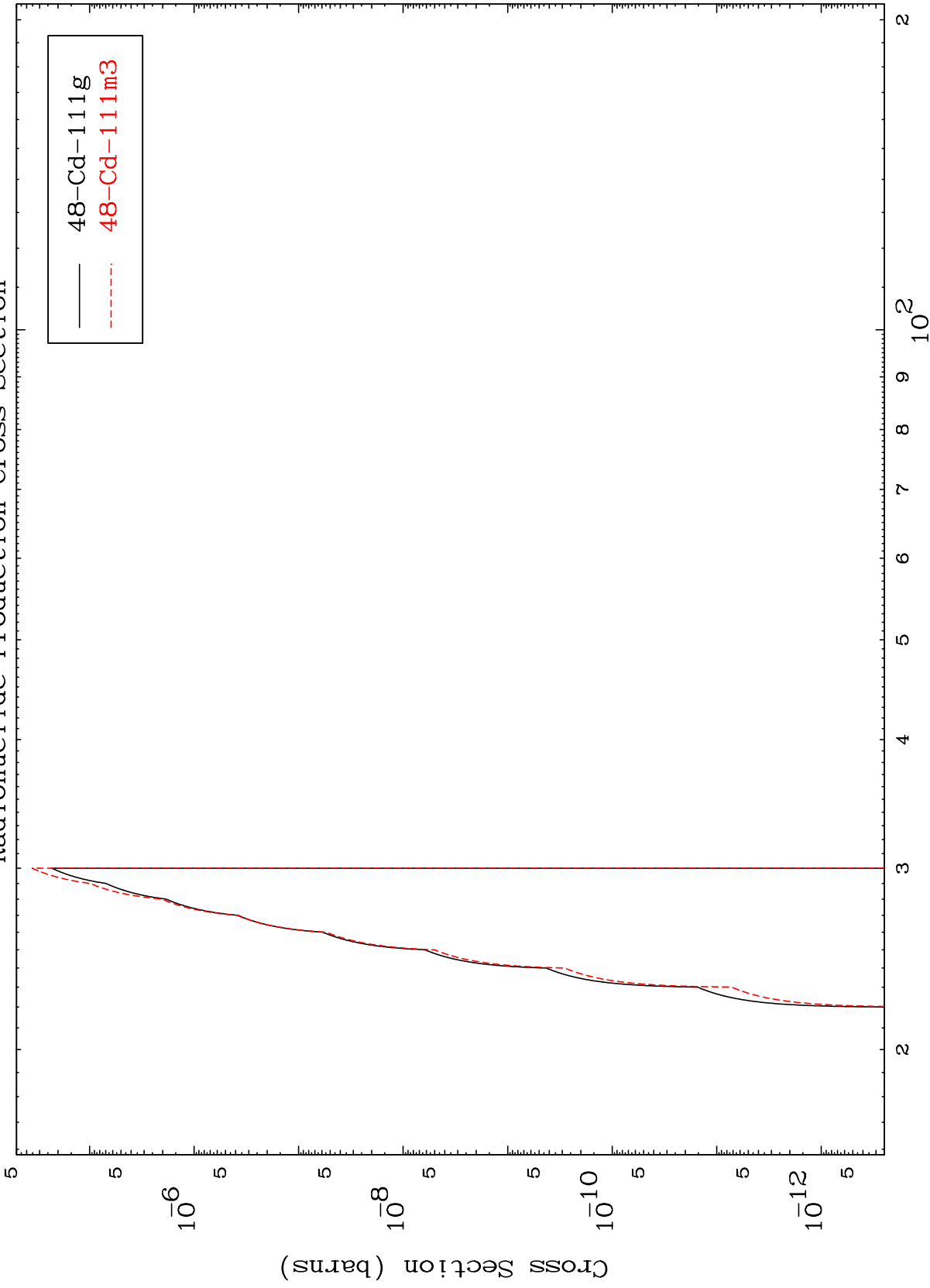
50-Sn-114

MAT 5031

(n, n') He-3

50-Sn-114

Radionuclide Production Cross Section



138

Incident Energy (MeV)

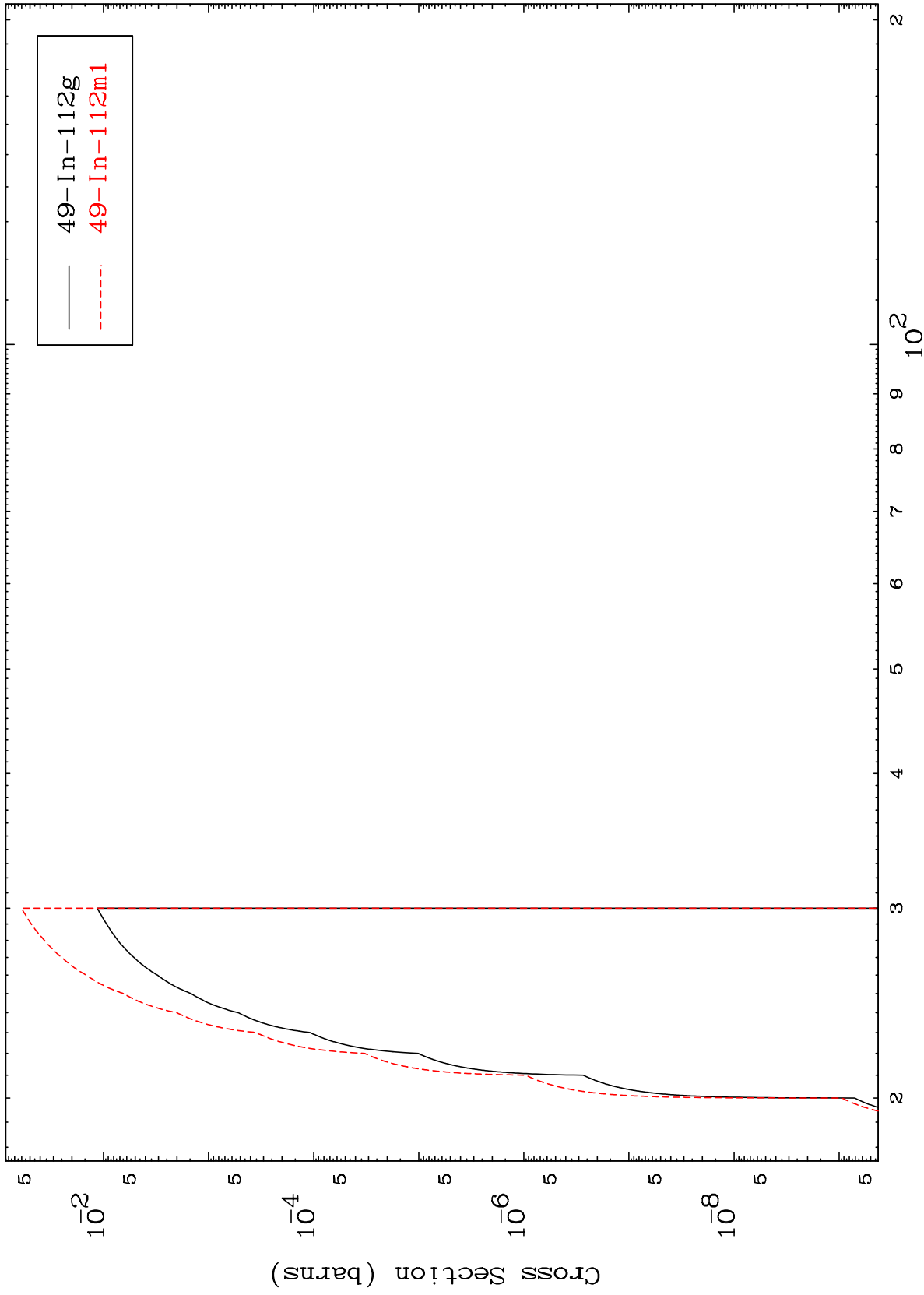
50-Sn-114

MAT 5031

(n,2n) p

50-Sn-114

Radionuclide Production Cross Section



139

Incident Energy (MeV)

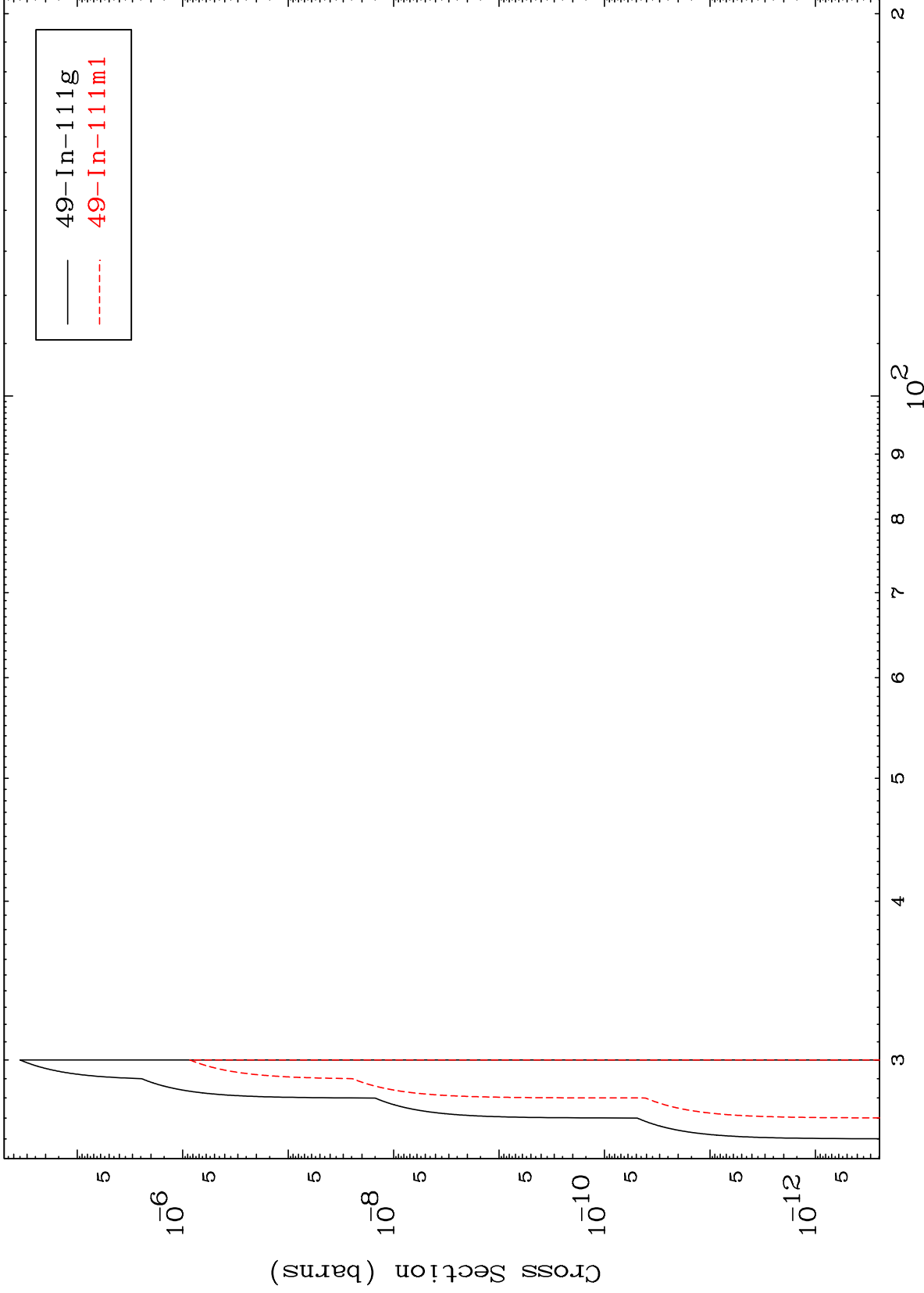
50-Sn-114

MAT 5031

(n,3n) p

50-Sn-114

Radionuclide Production Cross Section



140

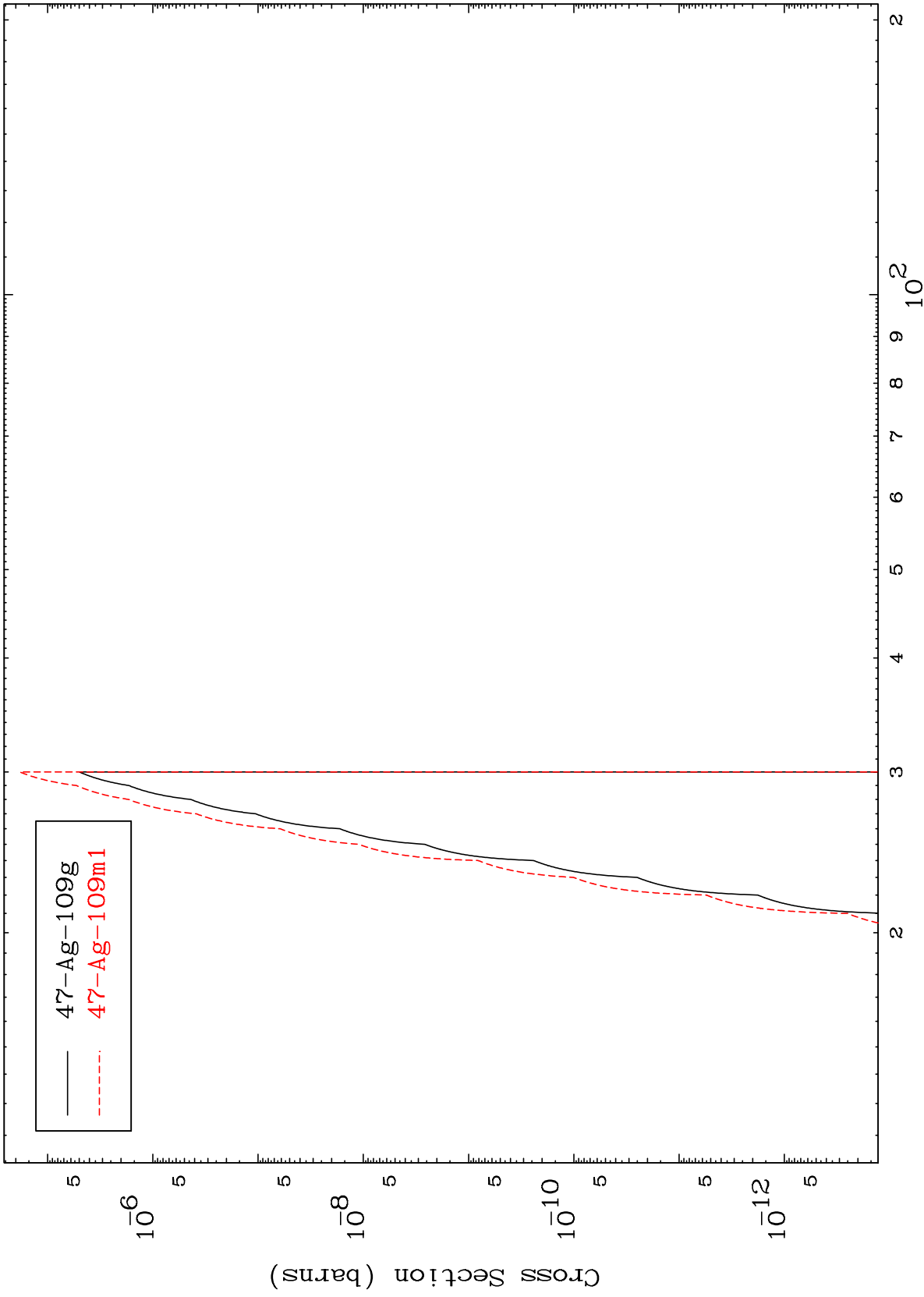
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

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



141

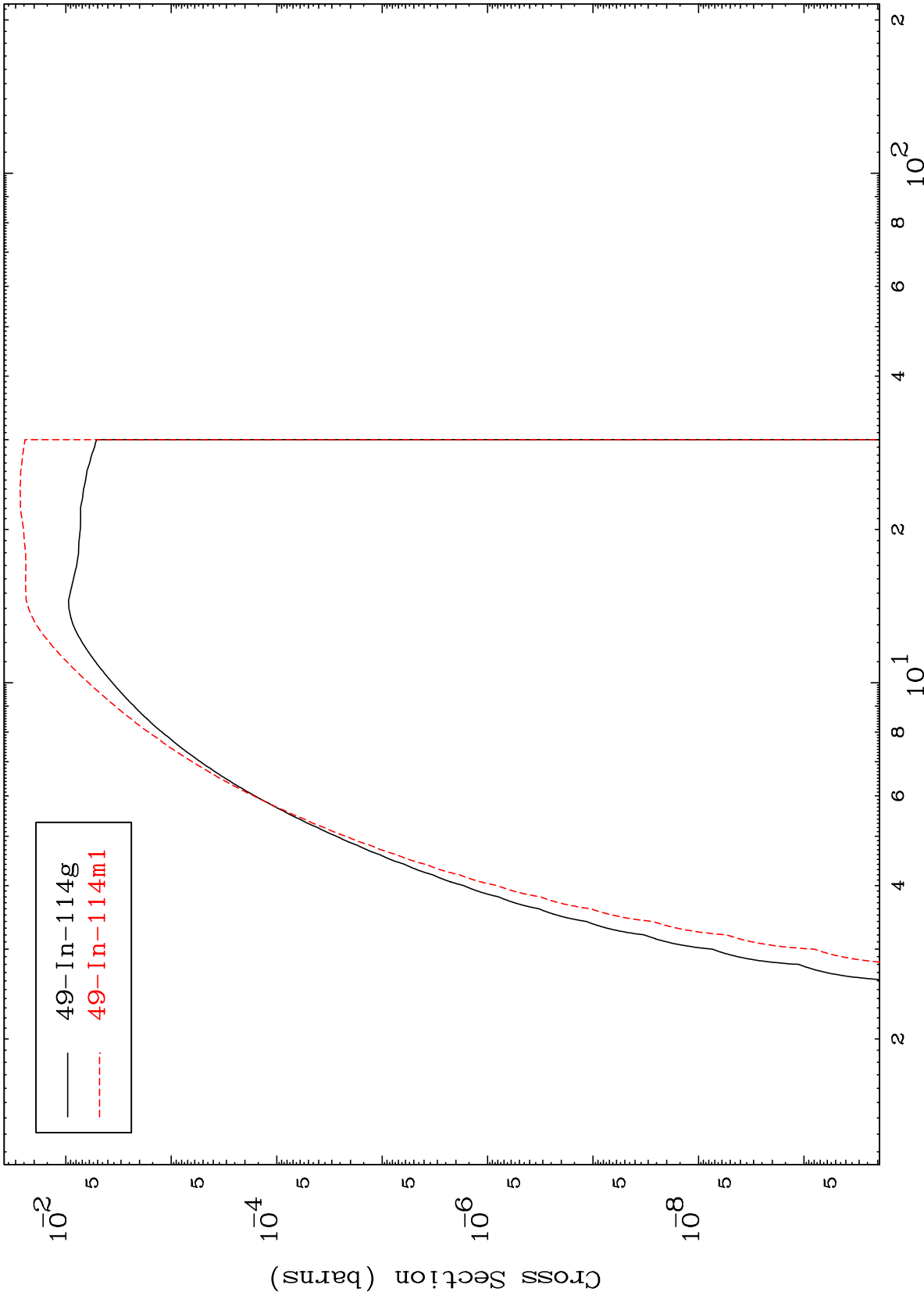
50-Sn-114

Incident Energy (MeV)

MAT 5031

50-Sn-114

(n,p)
Radionuclide Production Cross Section



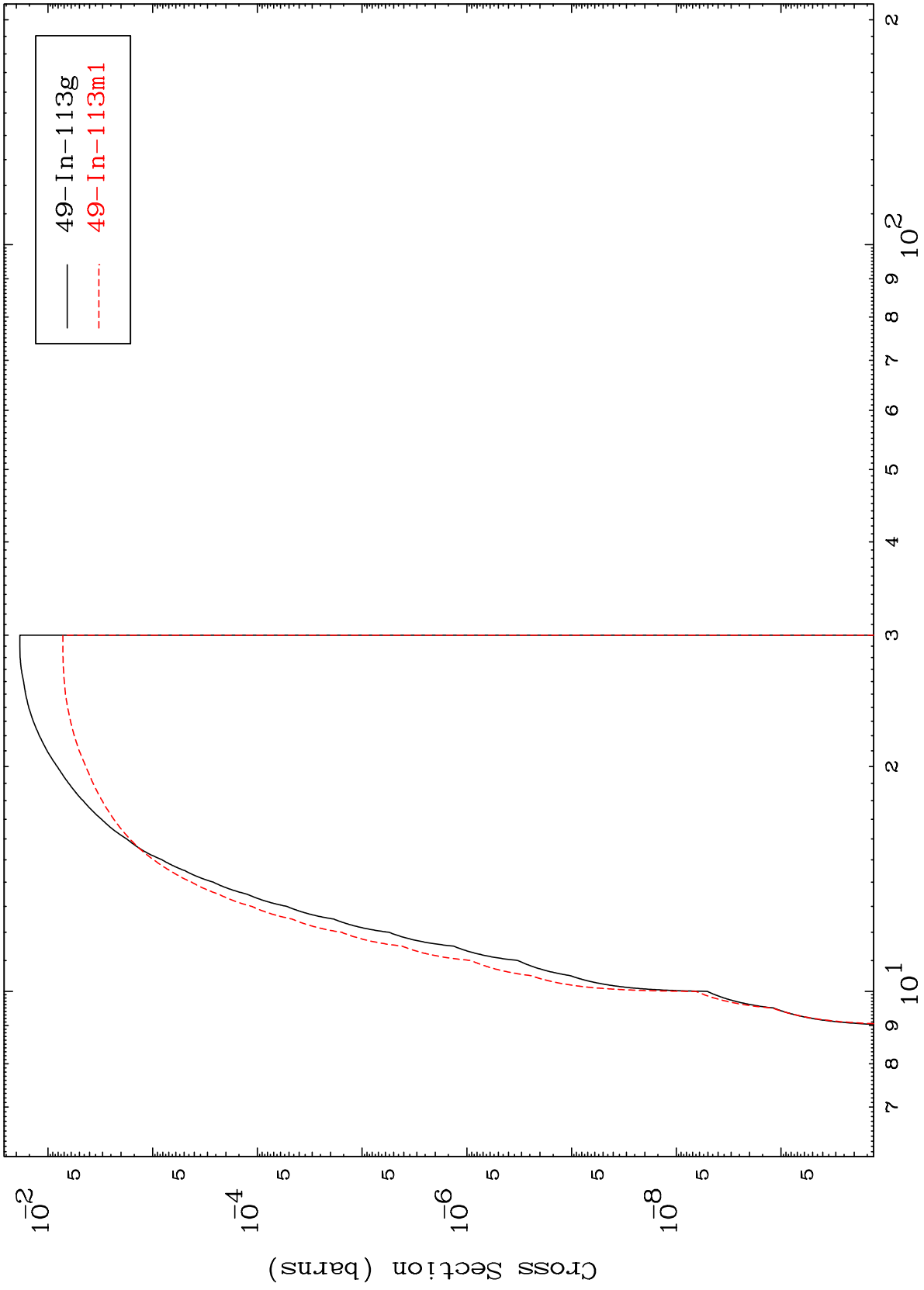
142

50-Sn-114

MAT 5031

50-Sn-114

(n,d)
Radionuclide Production Cross Section



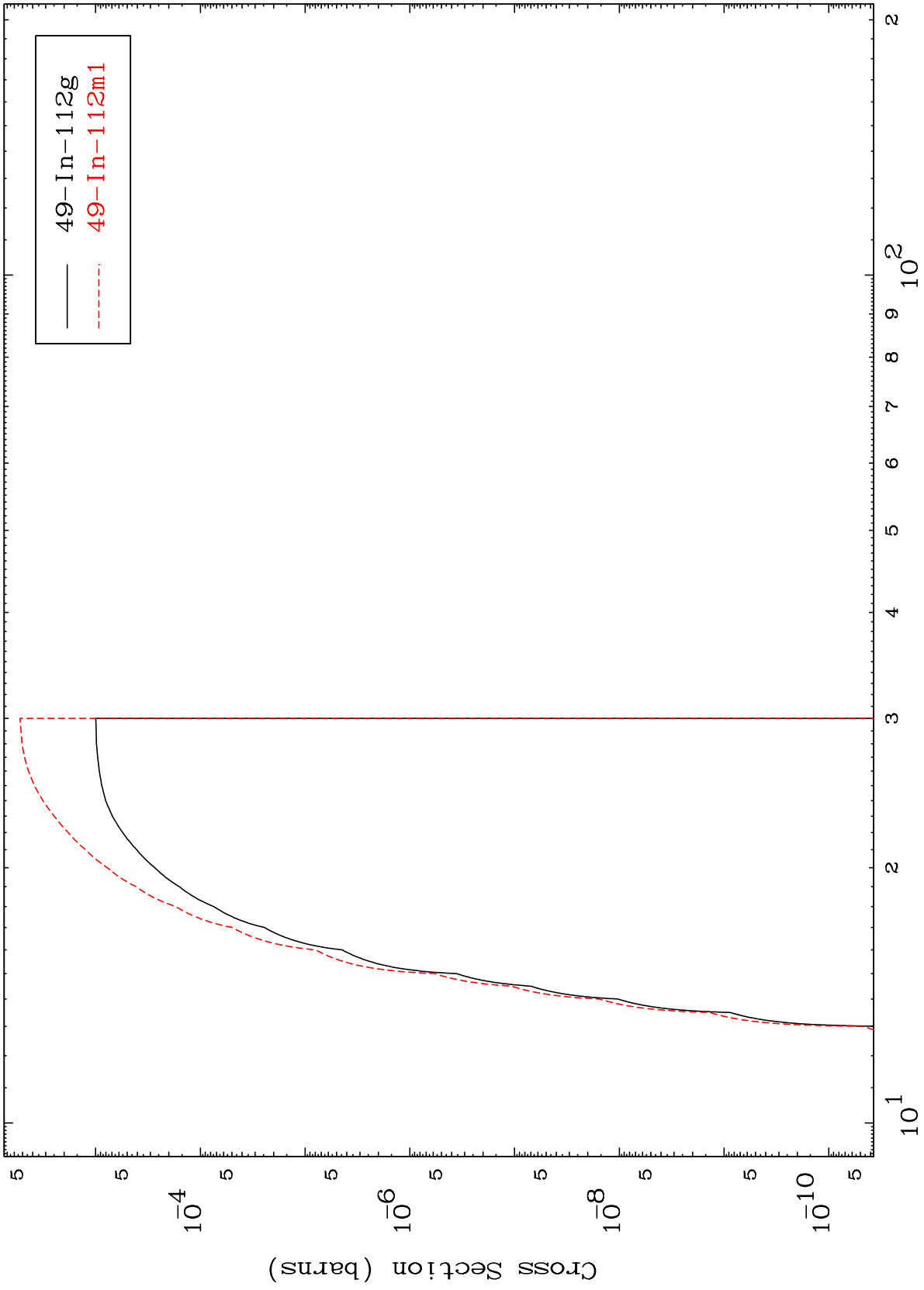
143

50-Sn-114

MAT 5031

50-Sn-114

(n, t)
Radionuclide Production Cross Section



144

Incident Energy (MeV)

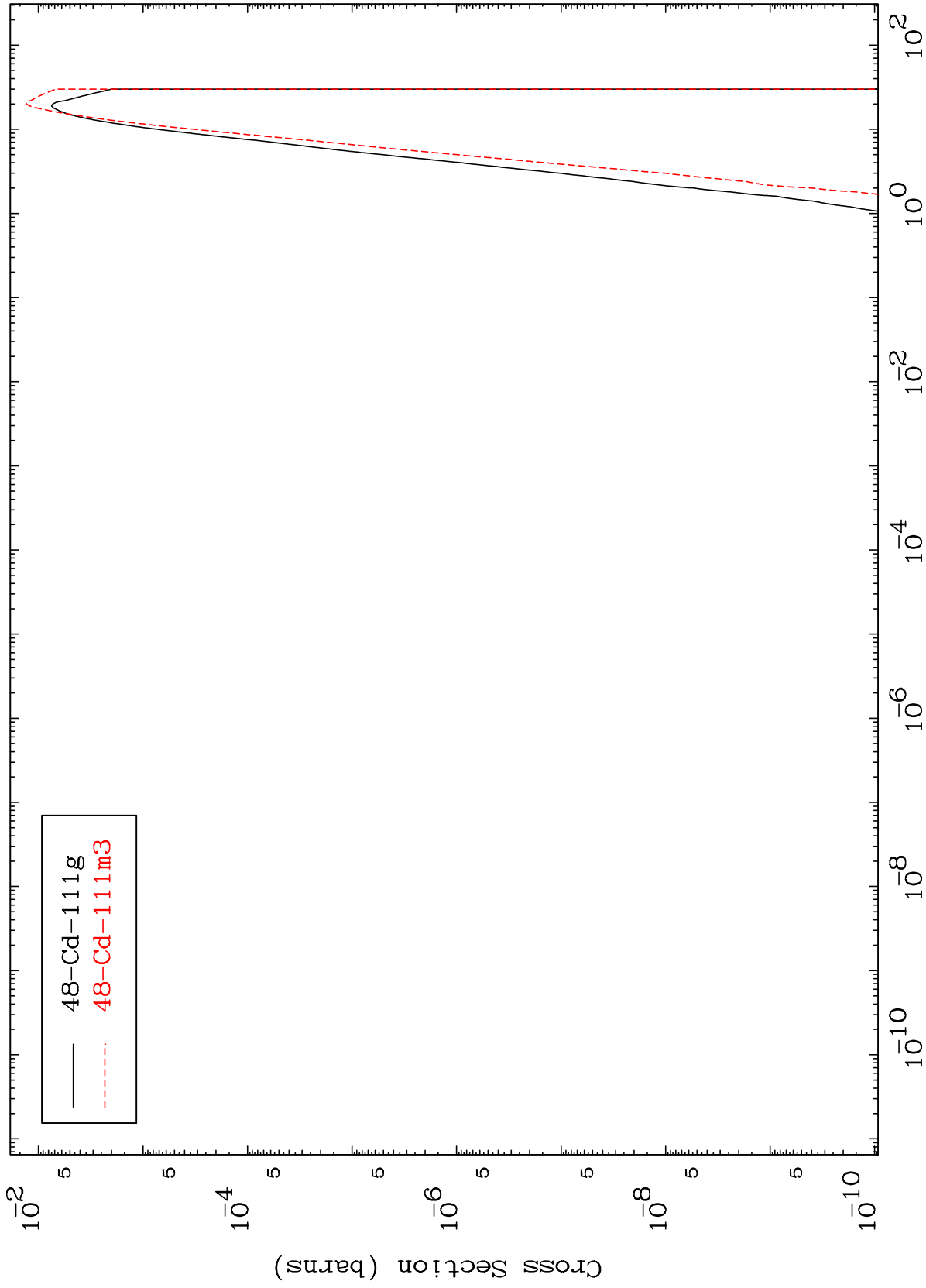
50-Sn-114

MAT 5031

(n, α)

50-Sn-114

Radionuclide Production Cross Section



145

Incident Energy (MeV)

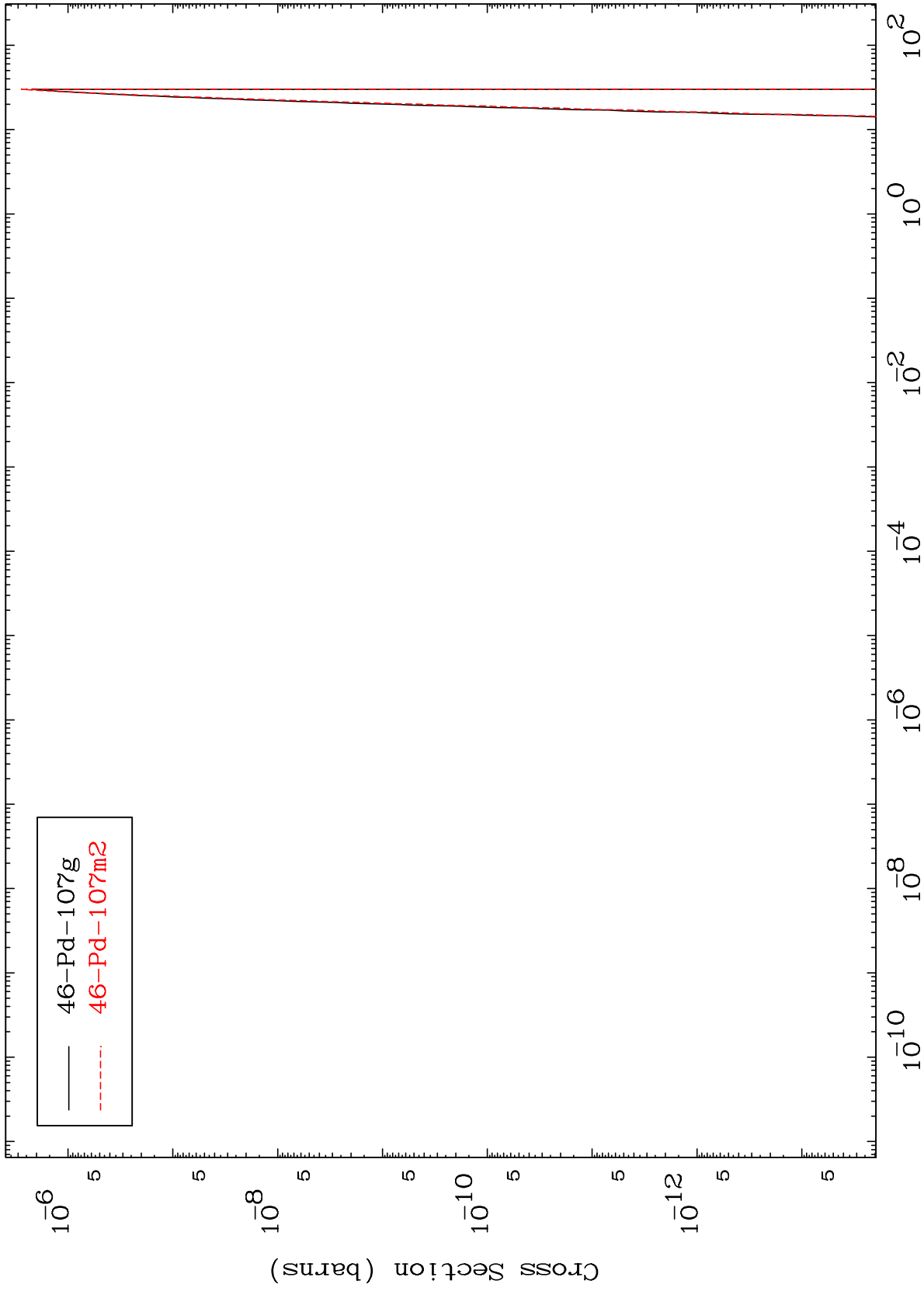
50-Sn-114

MAT 5031

(n,2α)

50-Sn-114

Radionuclide Production Cross Section



146

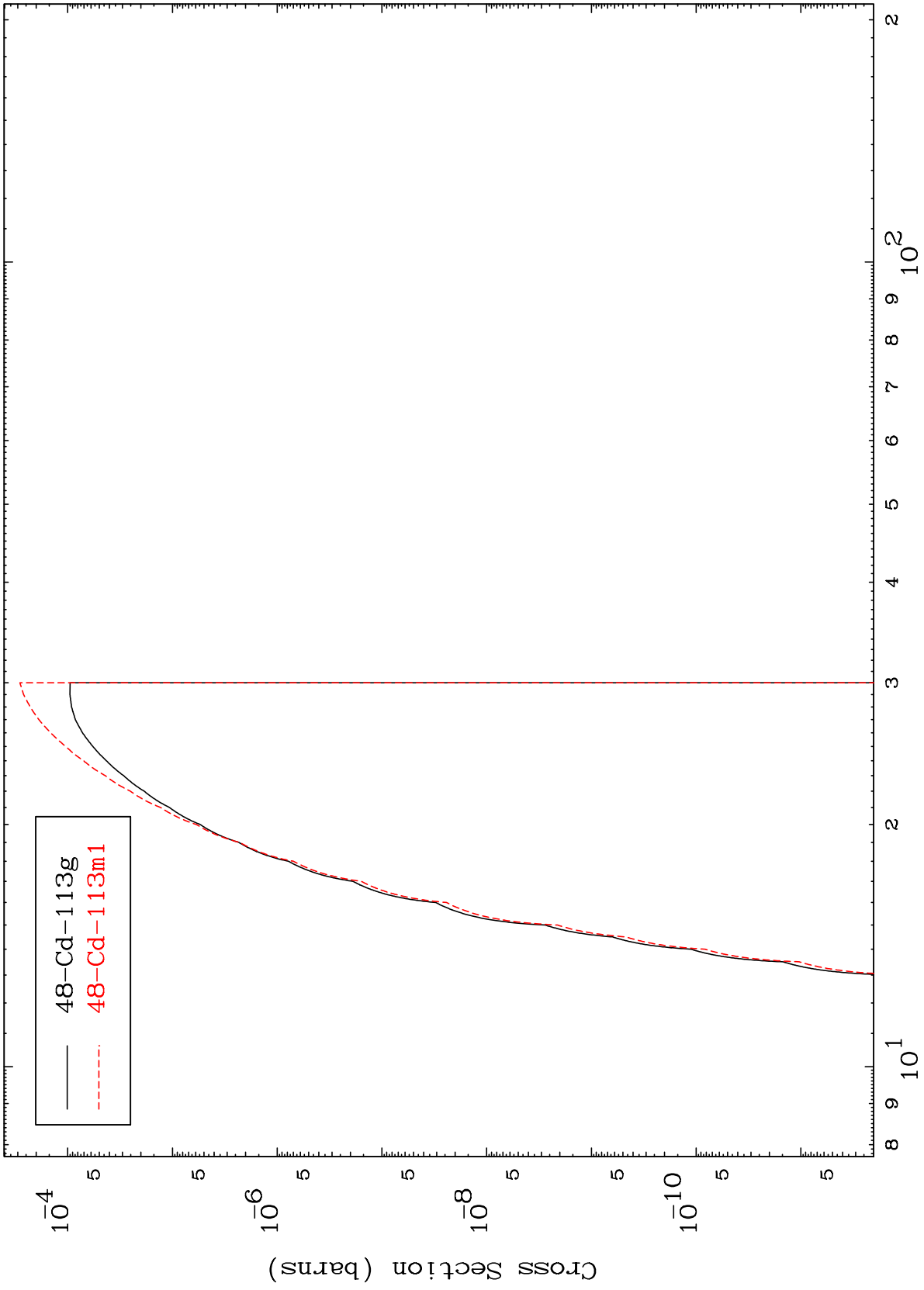
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n,2p)
Radionuclide Production Cross Section



147

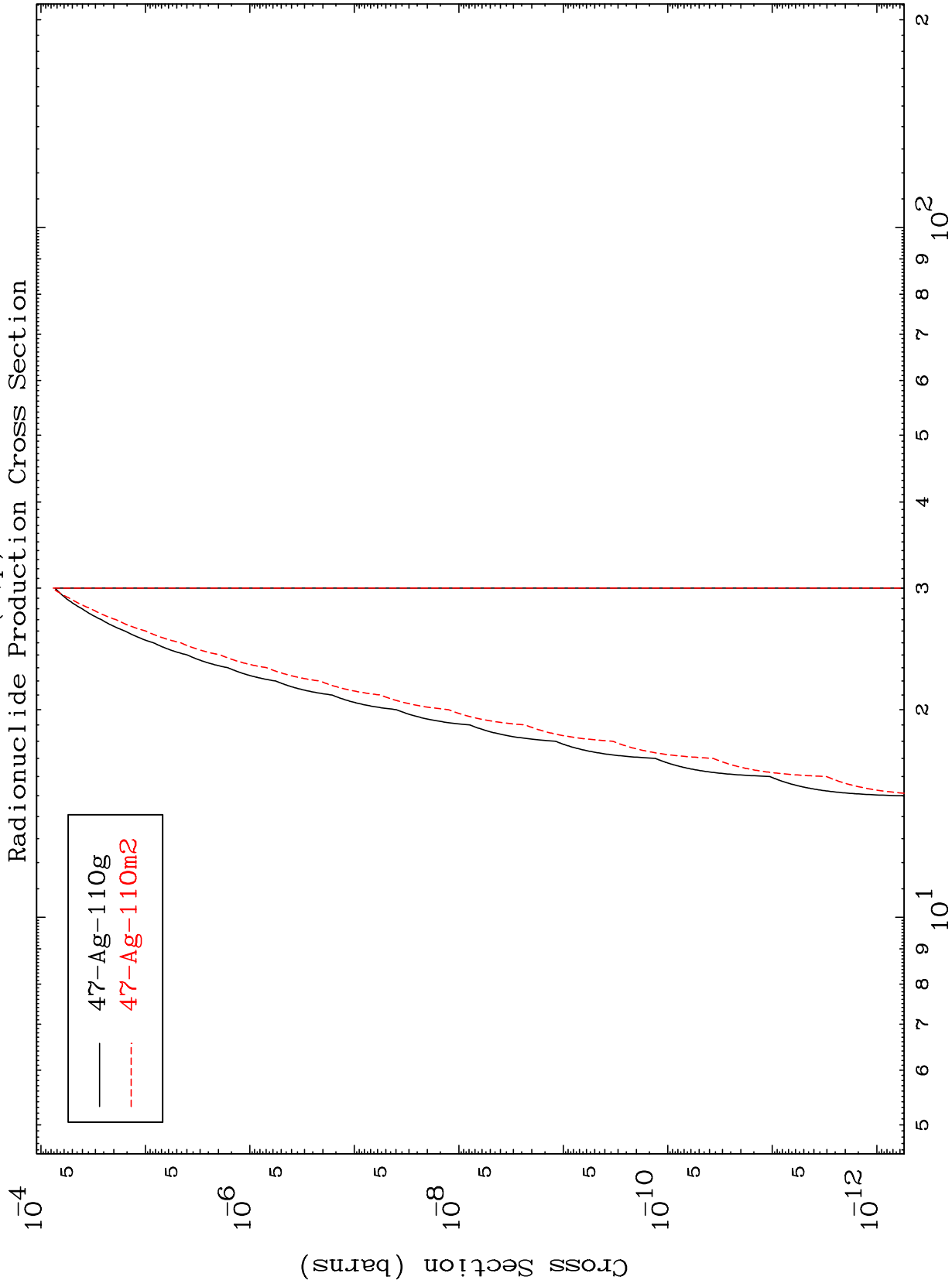
50-Sn-114

Incident Energy (MeV)

MAT 5031

(n,p) α

50-Sn-114



47-Ag-110g
47-Ag-110m2

148

Incident Energy (MeV)

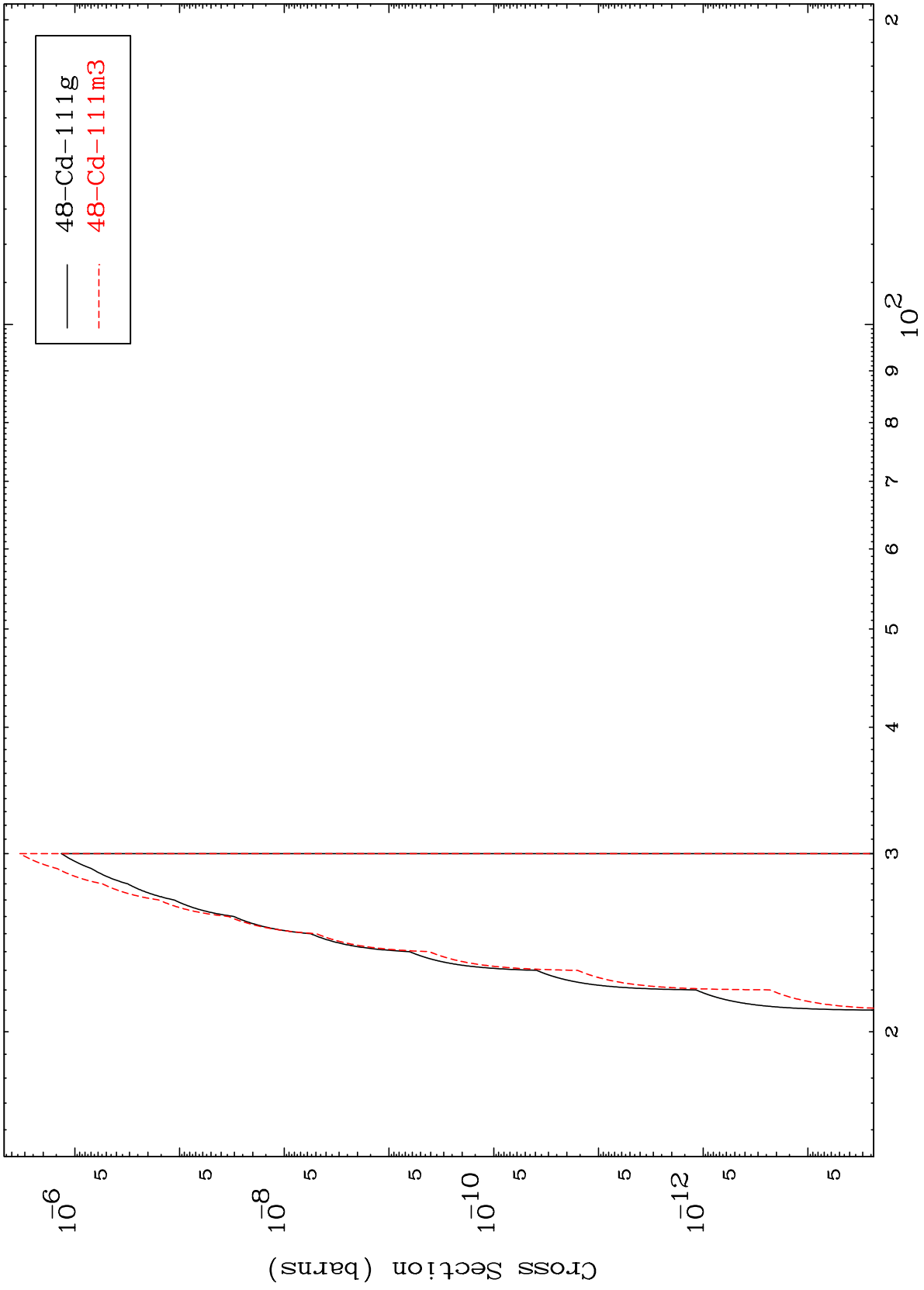
50-Sn-114

MAT 5031

(n,p) t

50-Sn-114

Radionuclide Production Cross Section



48-Cd-111g
48-Cd-111m3

149

Incident Energy (MeV)

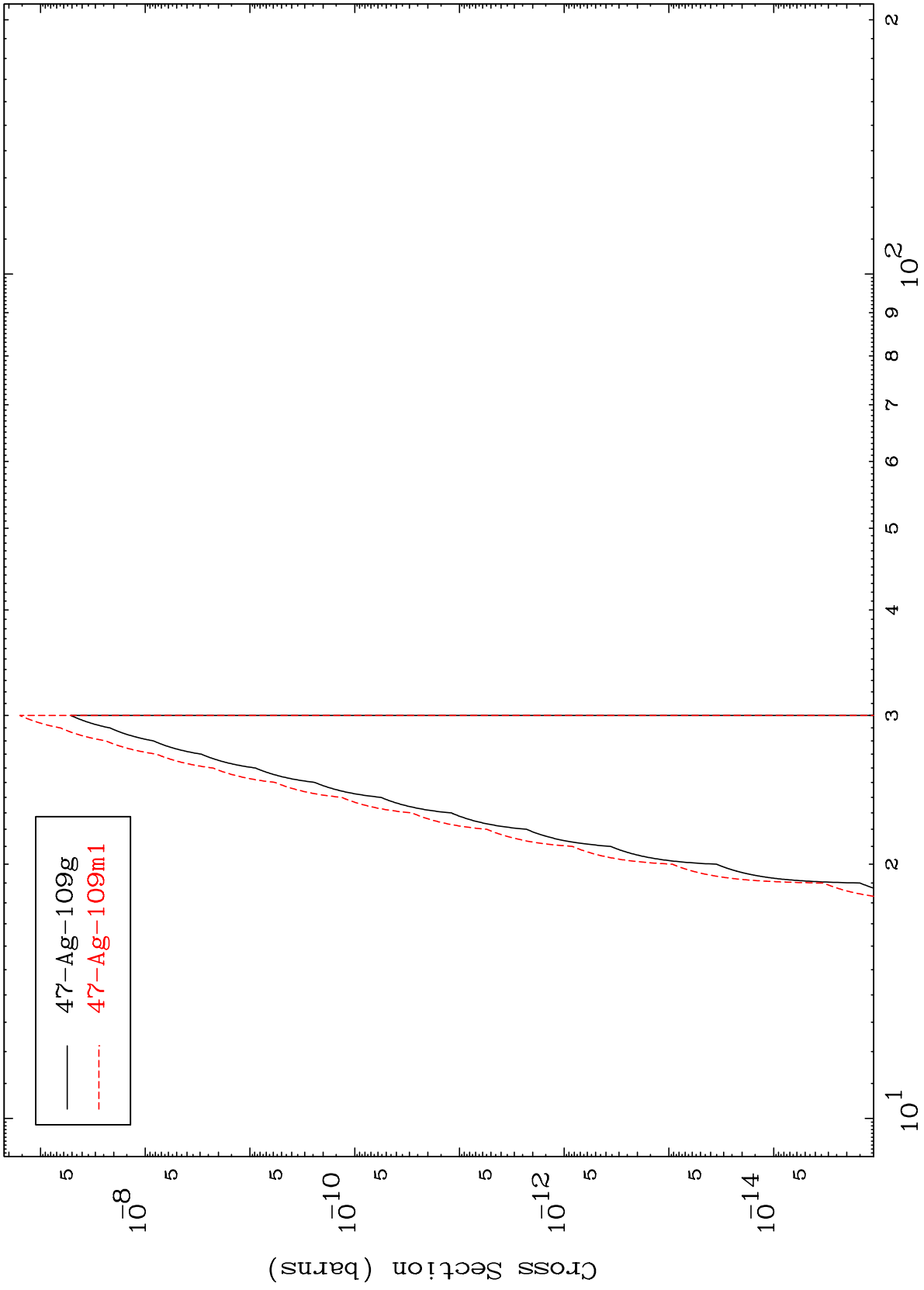
50-Sn-114

MAT 5031

(n,d) α

50-Sn-114

Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

150