

Program EVALPLOT
(Version 2018-1)

by

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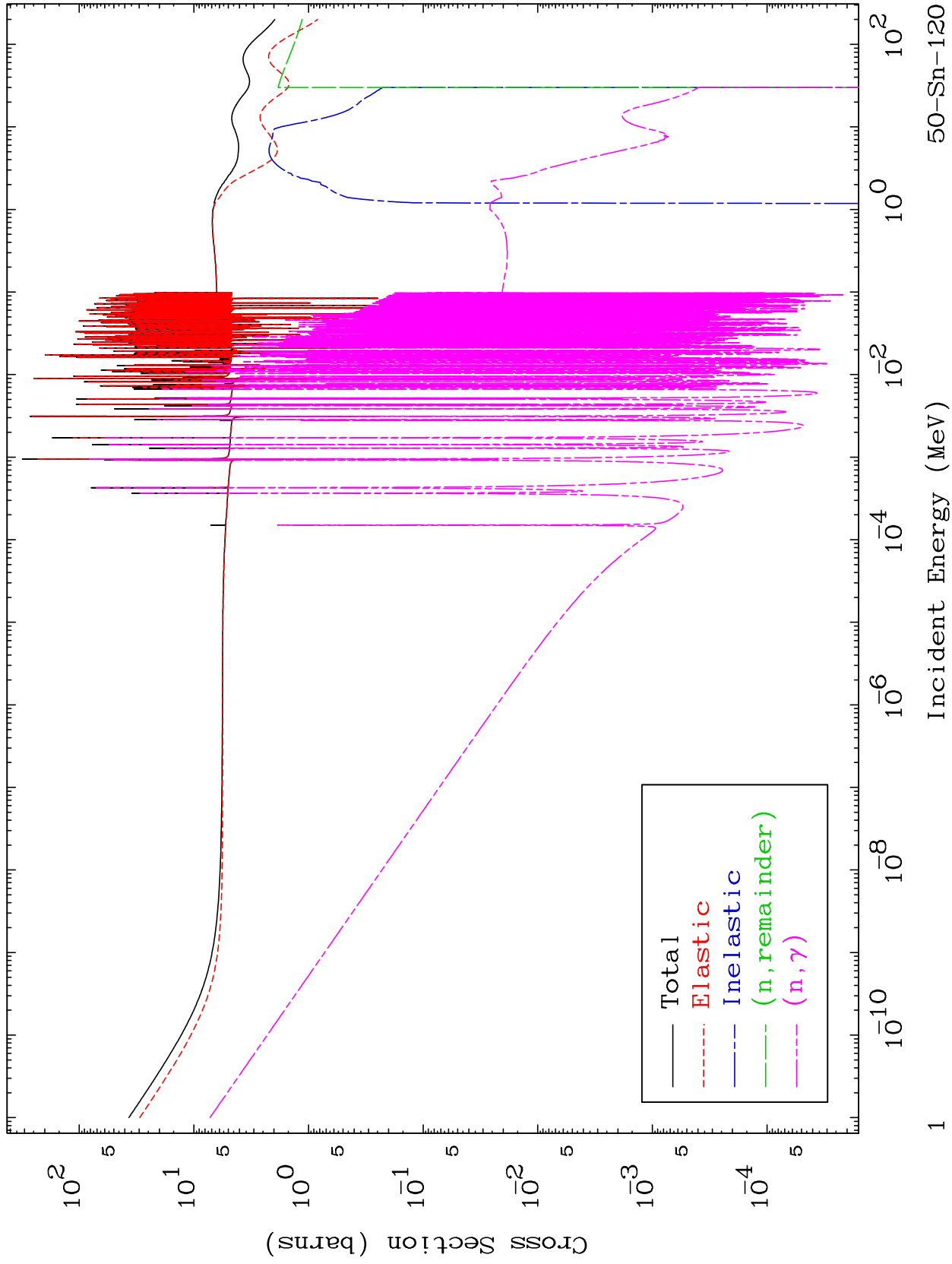
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5049

Major
293 Kelvin Cross Sections

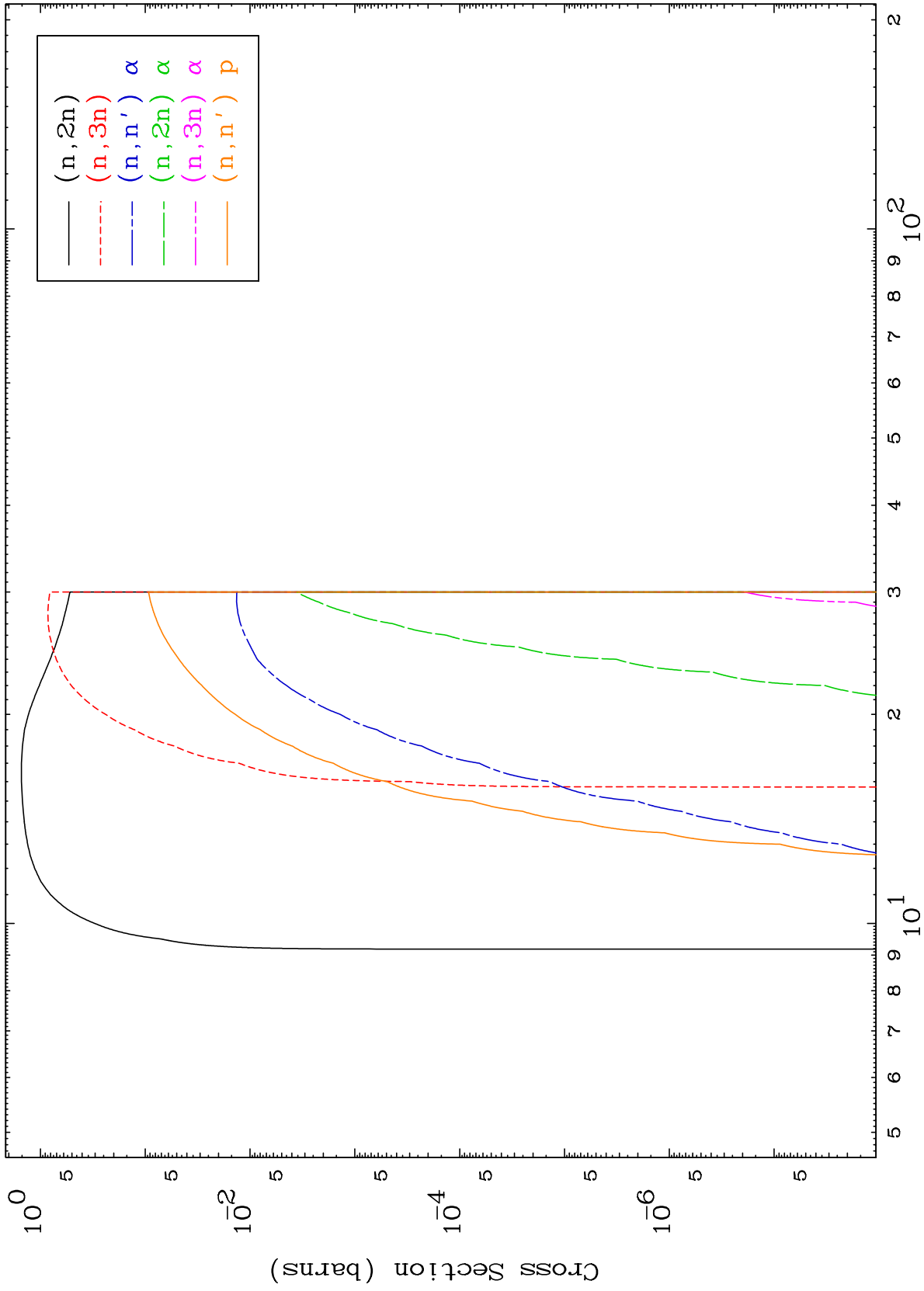
50-Sn-120



MAT 5049

Neutron Production 293 Kelvin Cross Sections

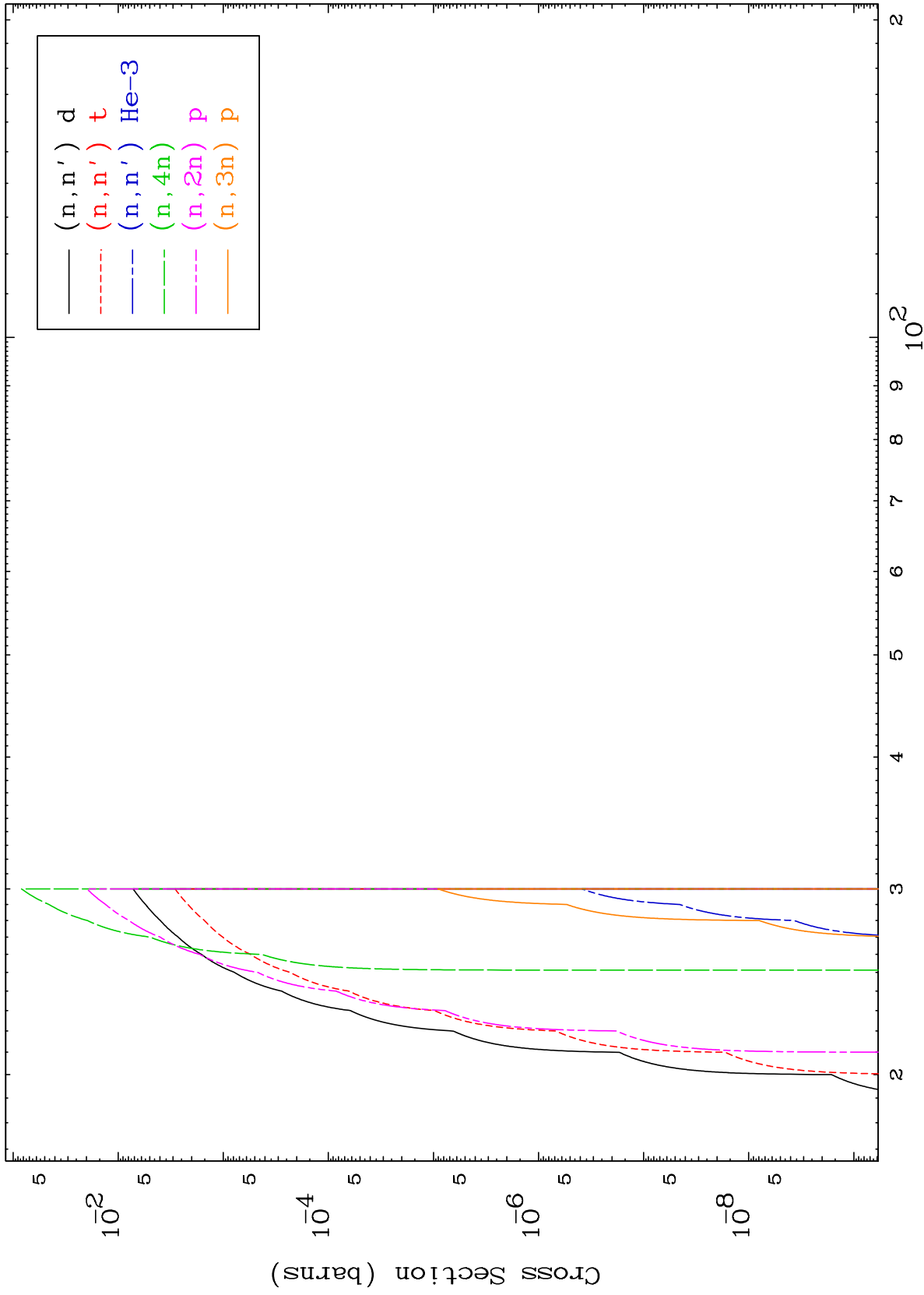
50-Sn-120

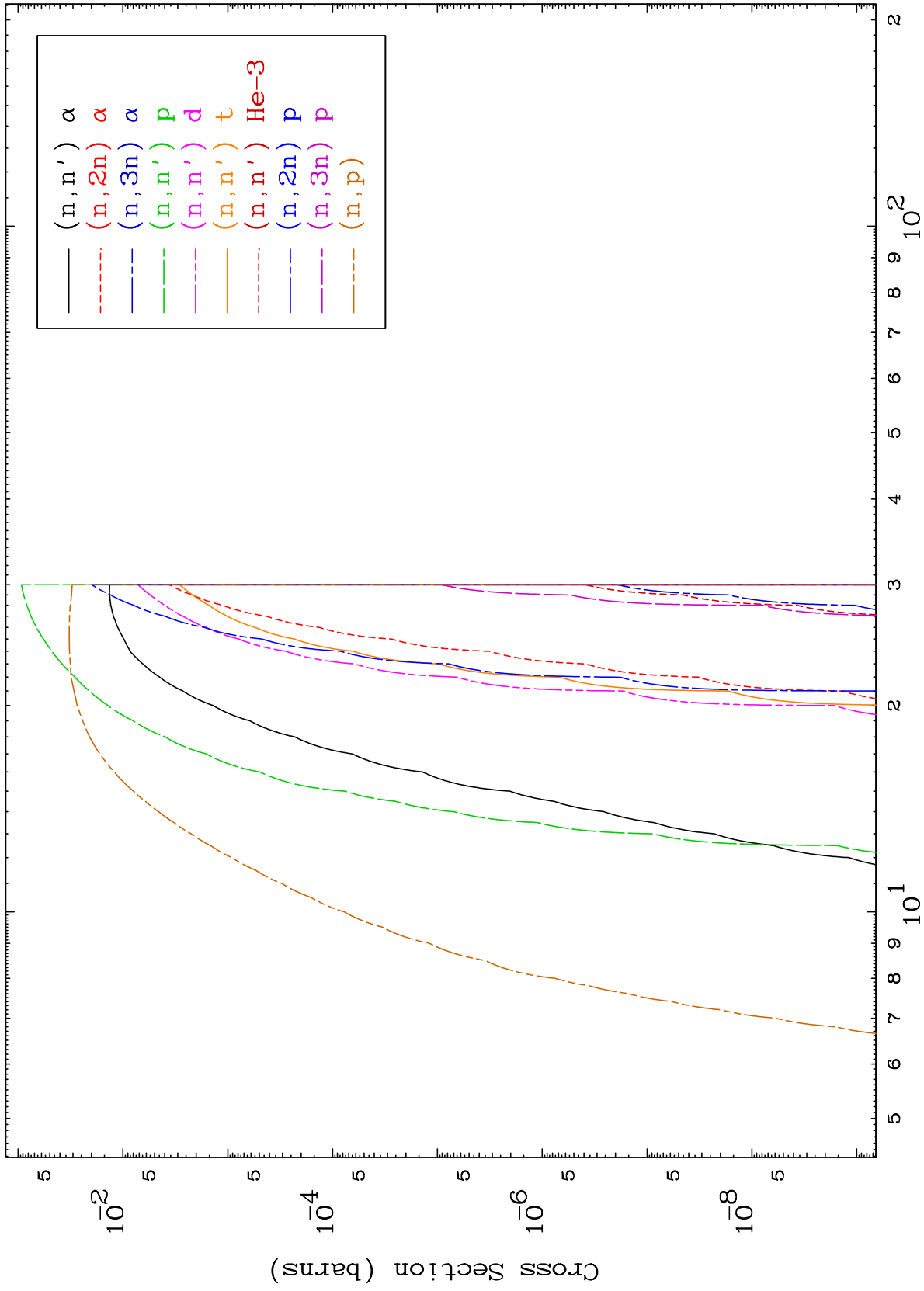


2

Incident Energy (MeV)

50-Sn-120

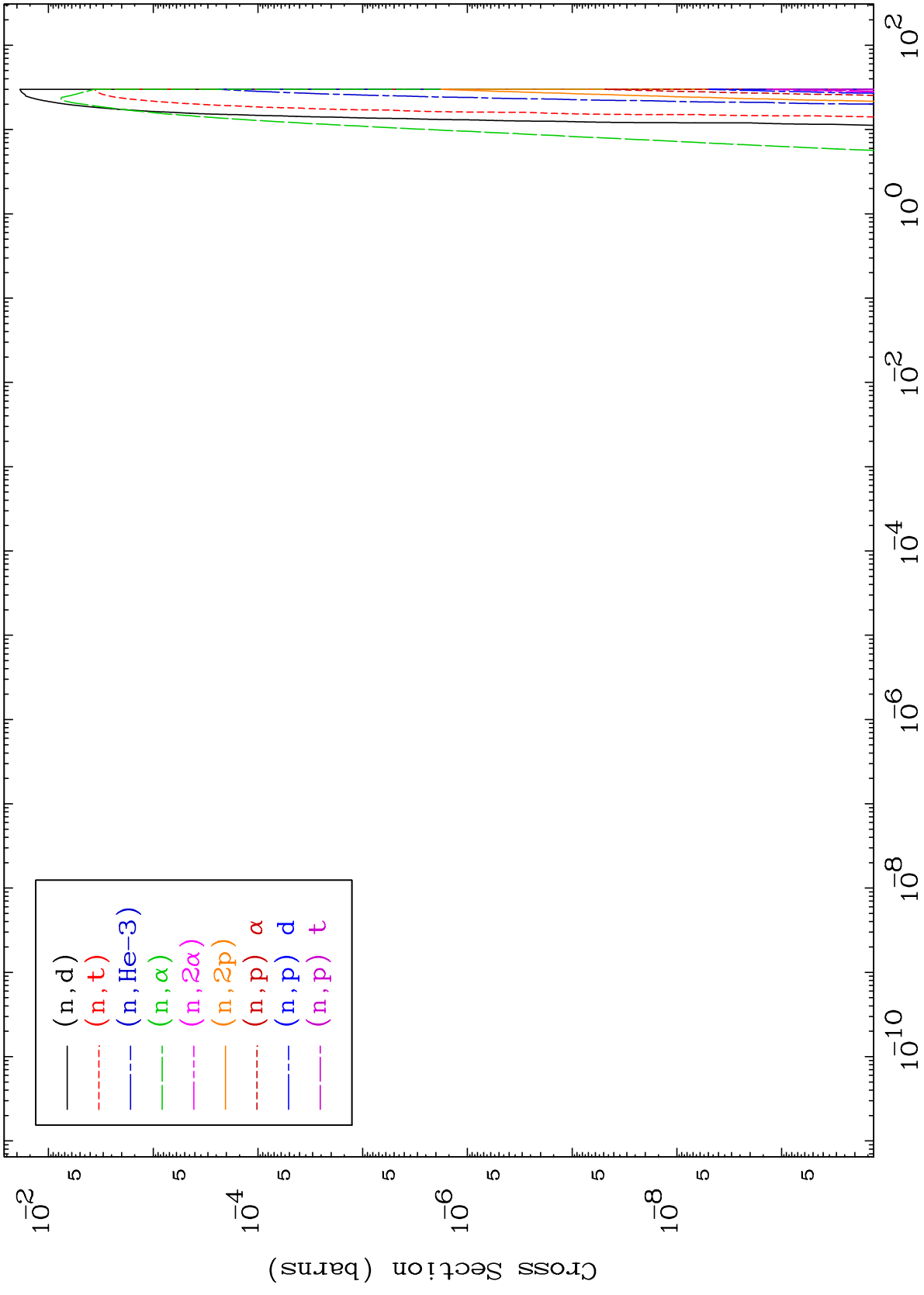




MAT 5049

293 Kelvin Cross Sections

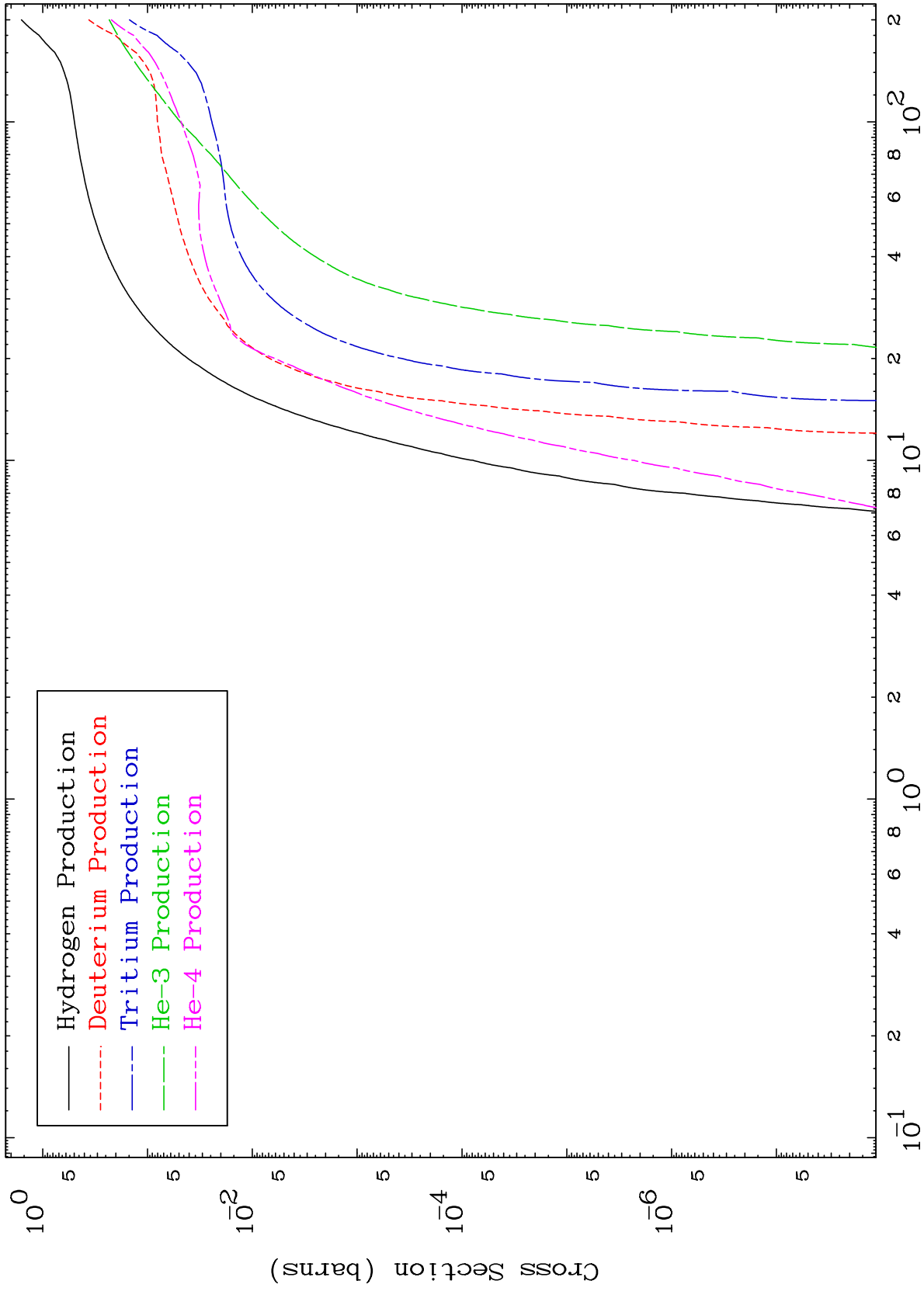
50-Sn-120



MAT 5049

Particle Production
293 Kelvin Cross Sections

50-Sn-120



Incident Energy (MeV)

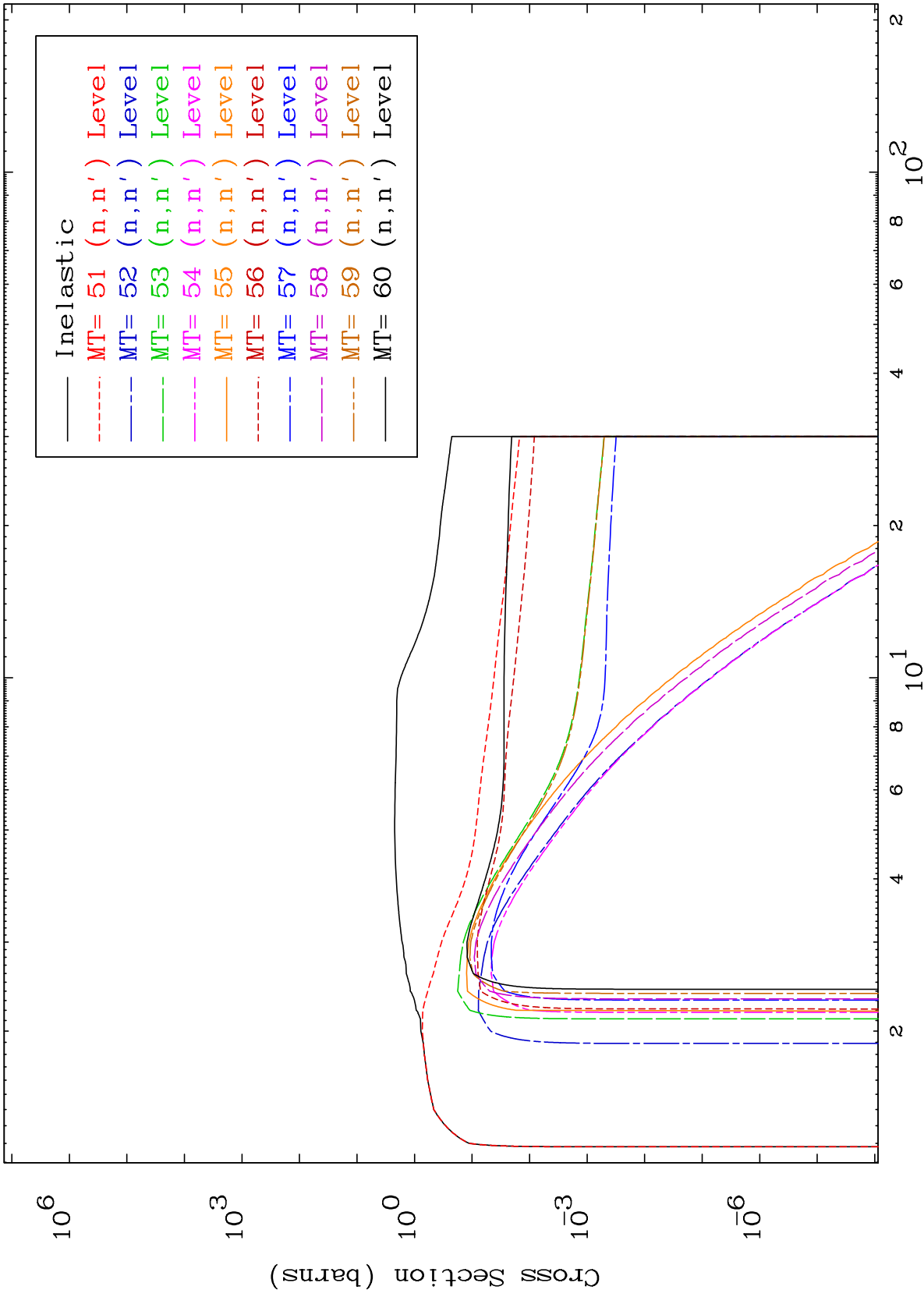
50-Sn-120

MAT 5049

(n,n') Level

50-Sn-120

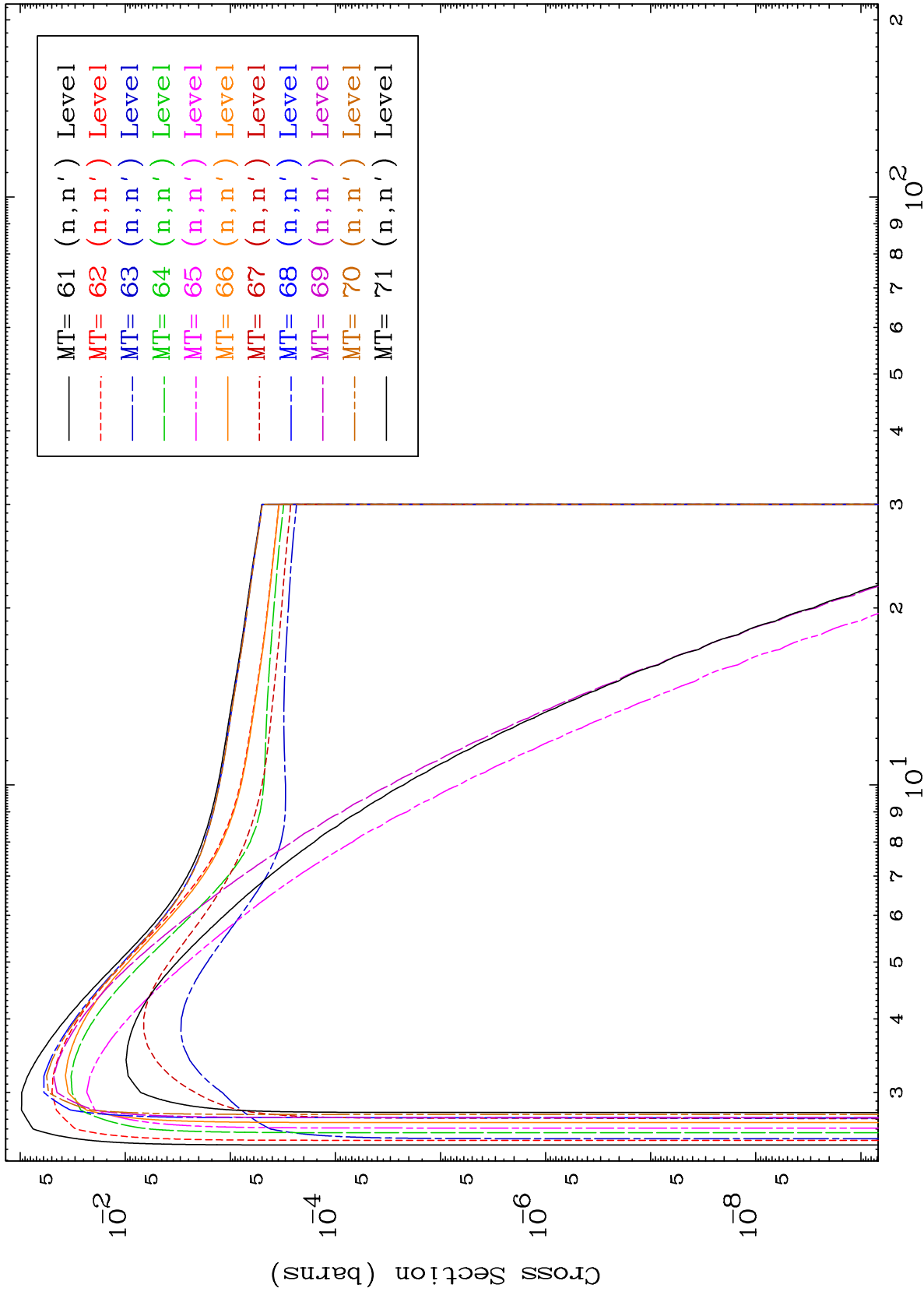
293 Kelvin Cross Sections



MAT 5049

(n,n') Level
293 Kelvin Cross Sections

50-Sn-120



8

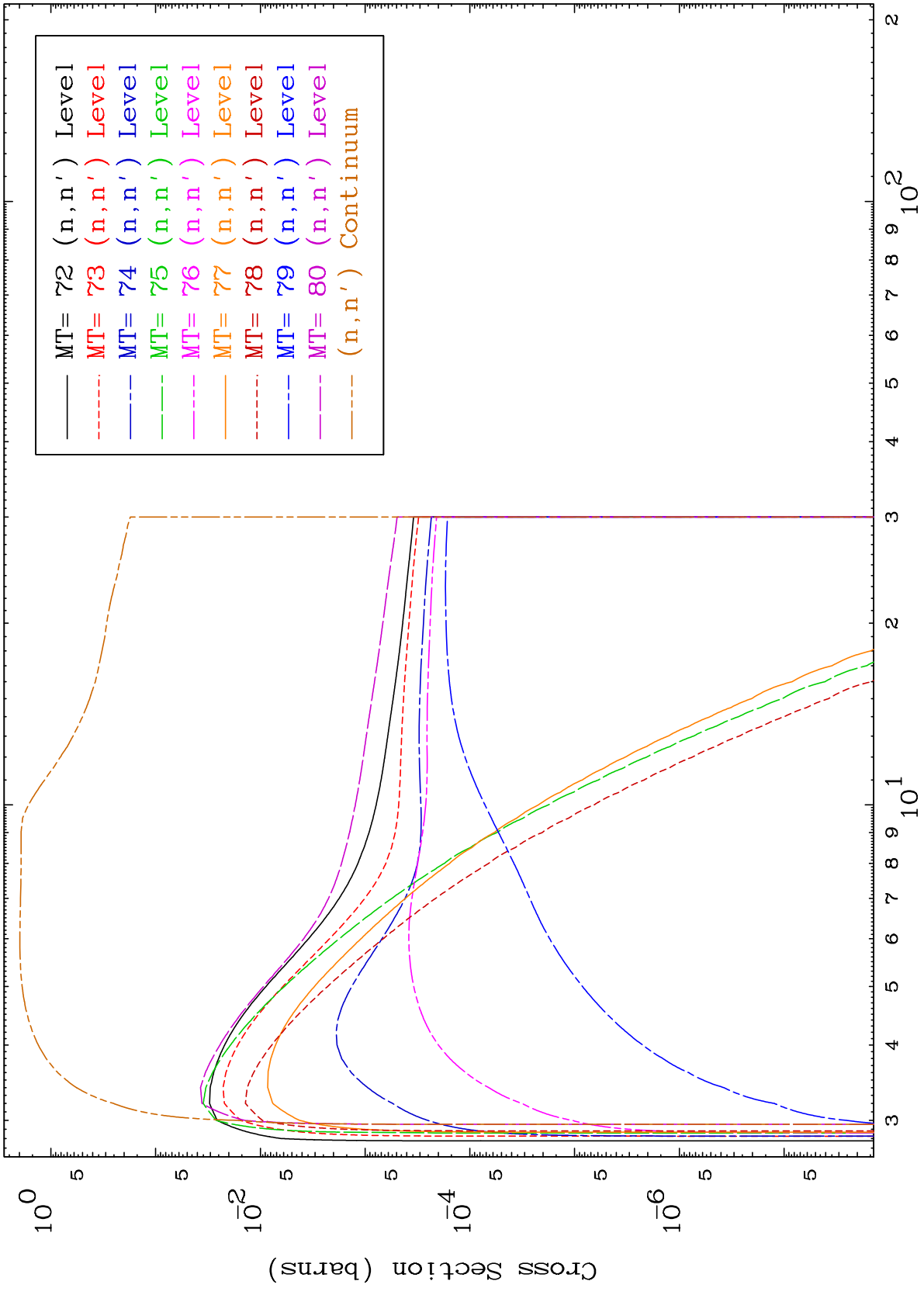
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,n') Level
293 Kelvin Cross Sections

50-Sn-120



9

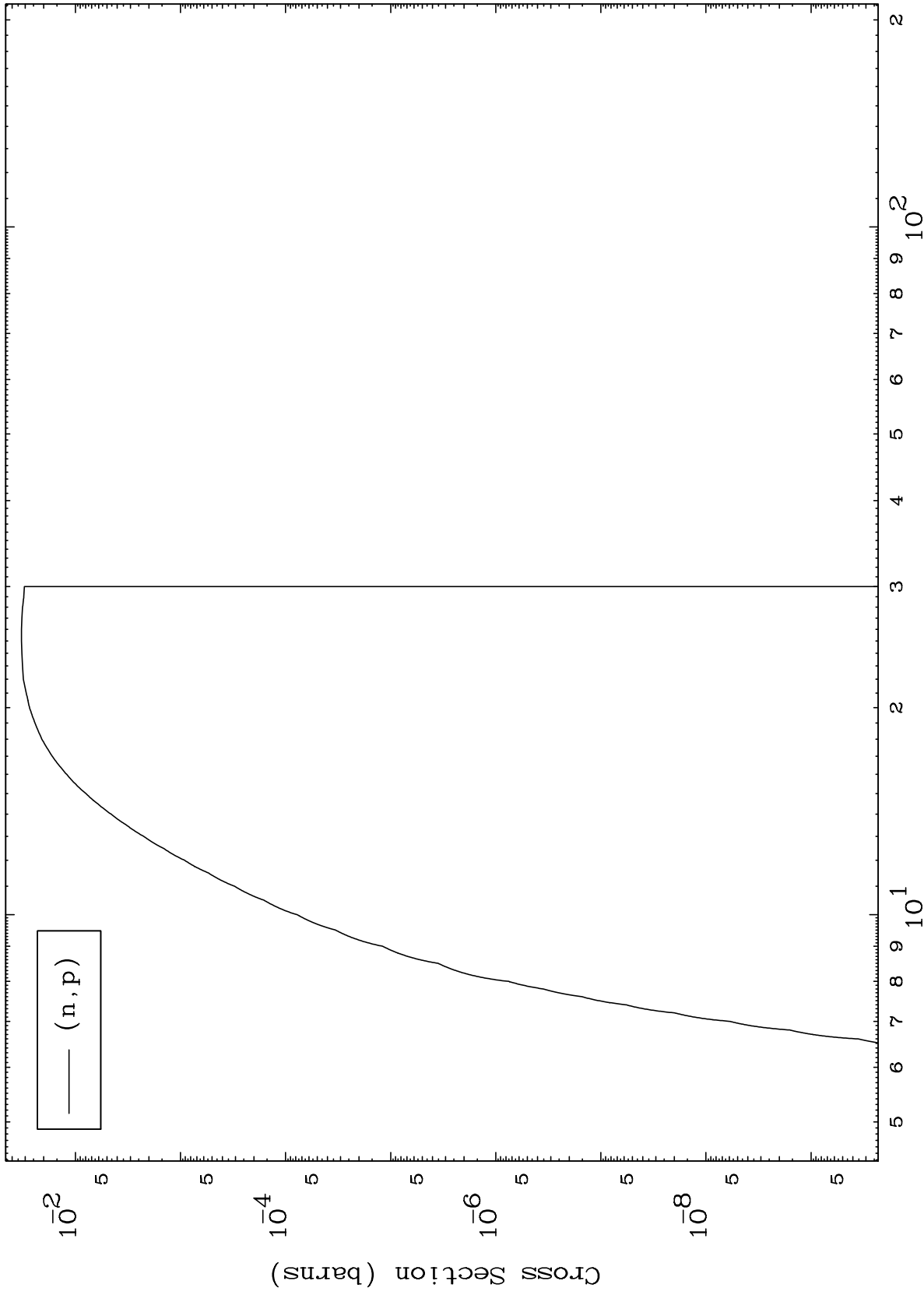
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-120



10

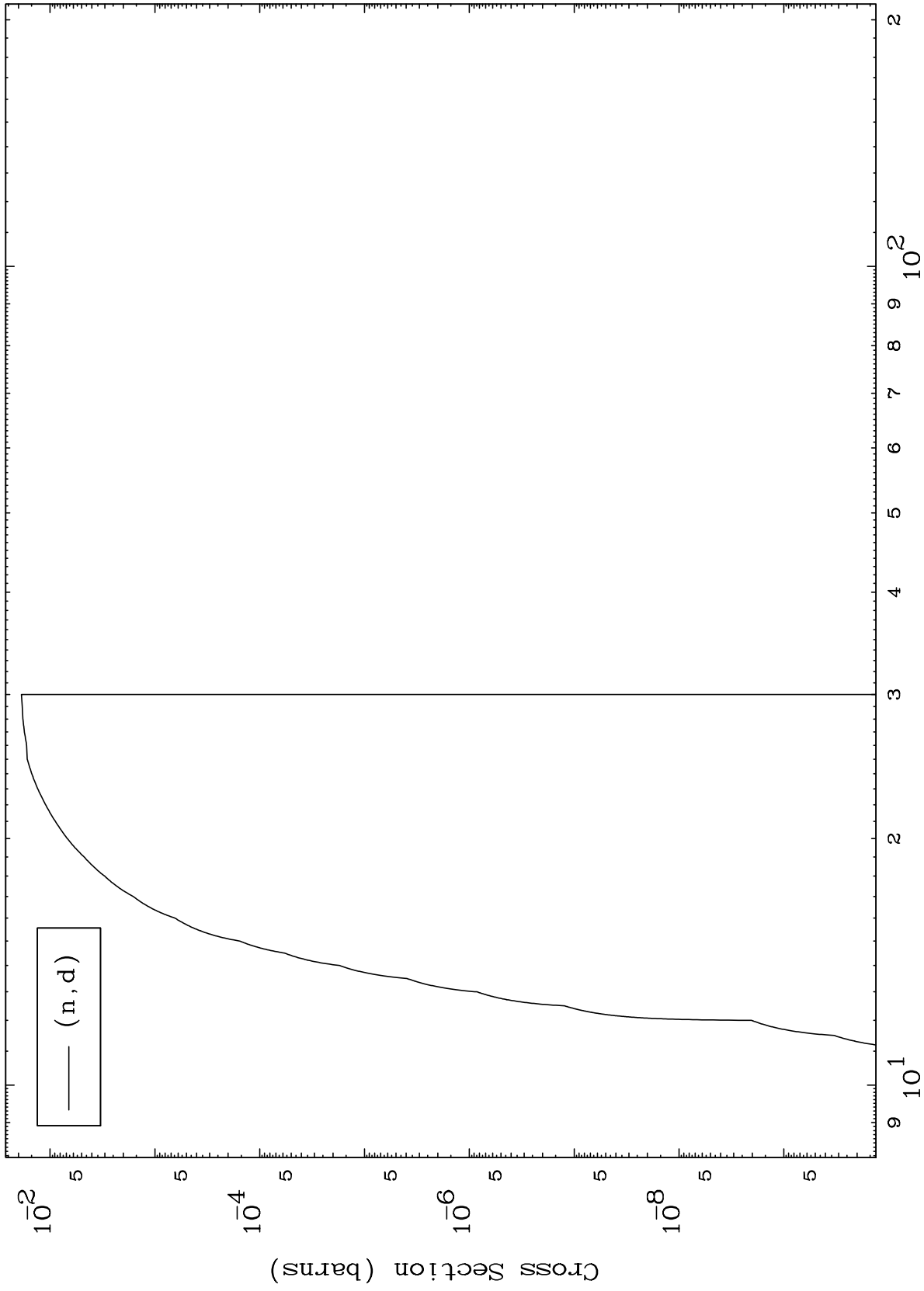
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-120



11

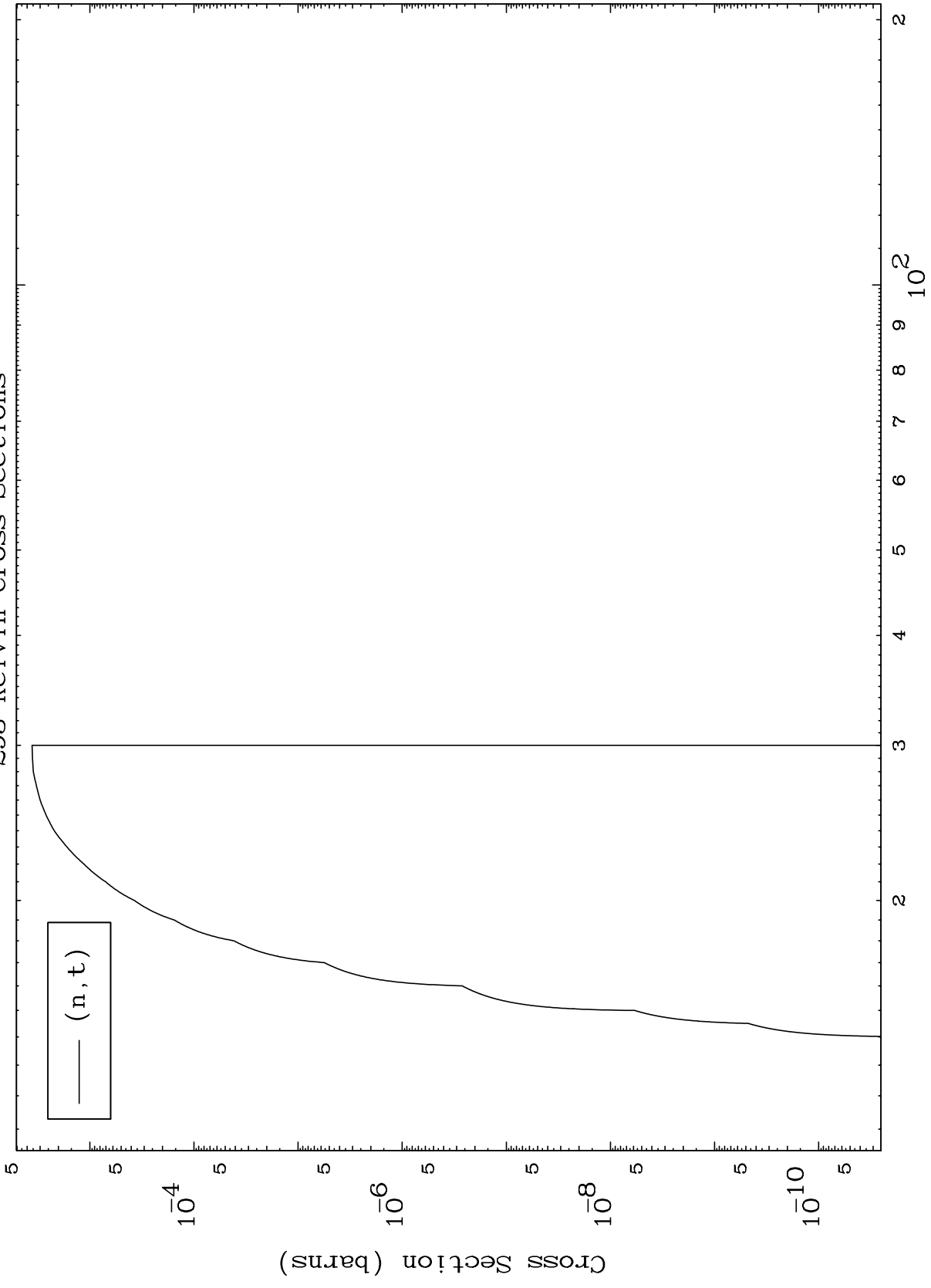
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-120



12

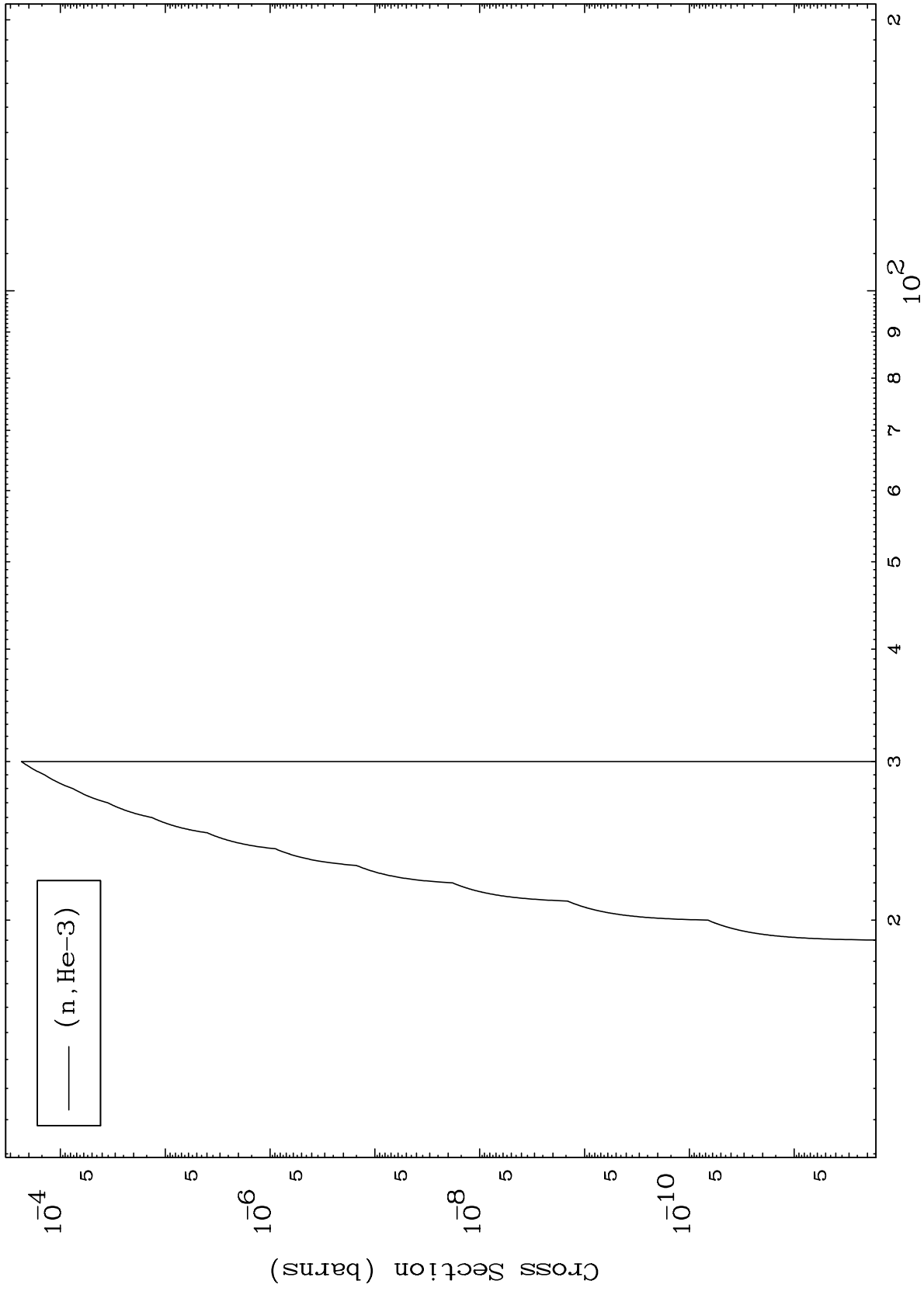
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-120



13

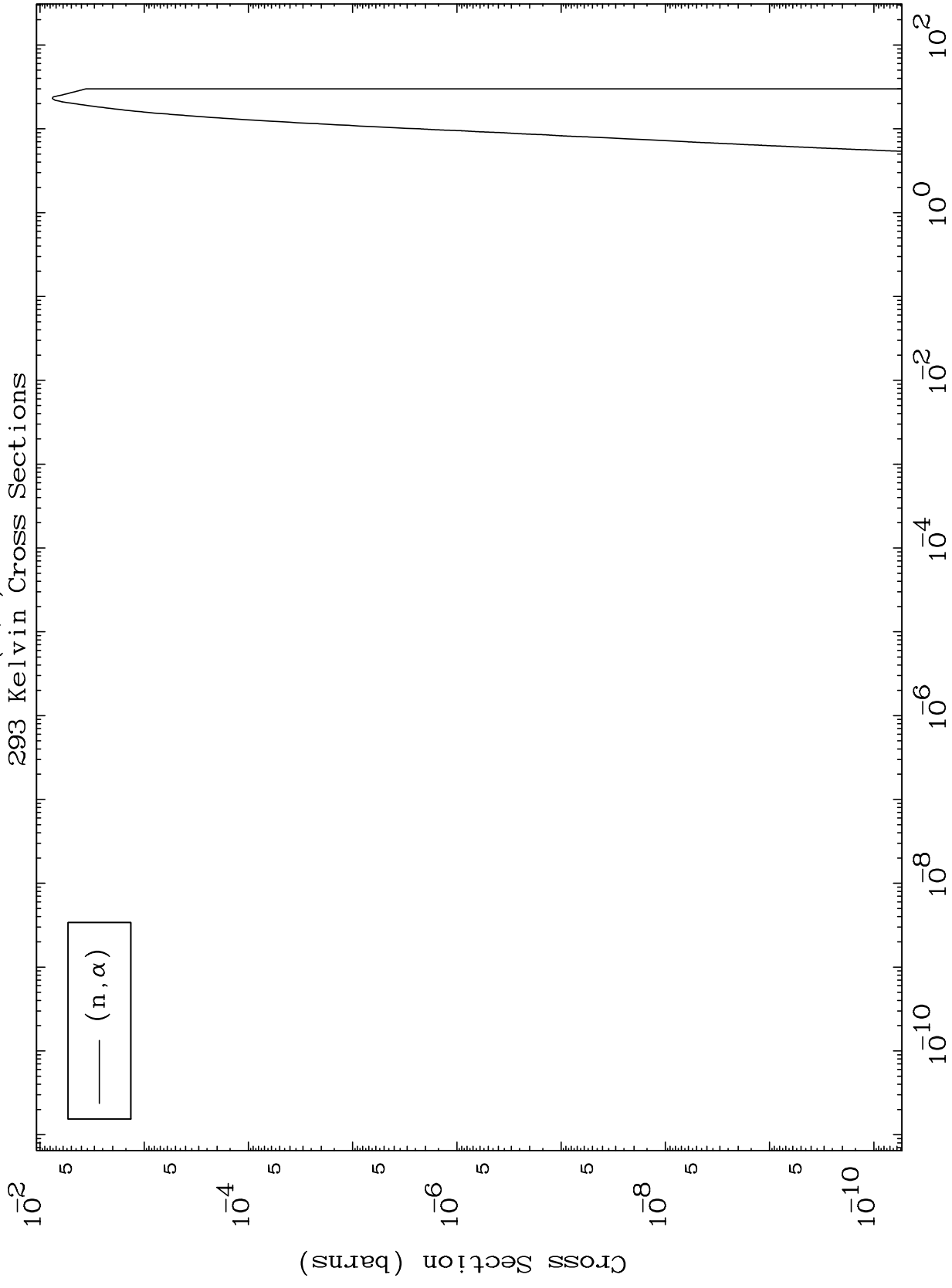
Incident Energy (MeV)

50-Sn-120

MAT 5049

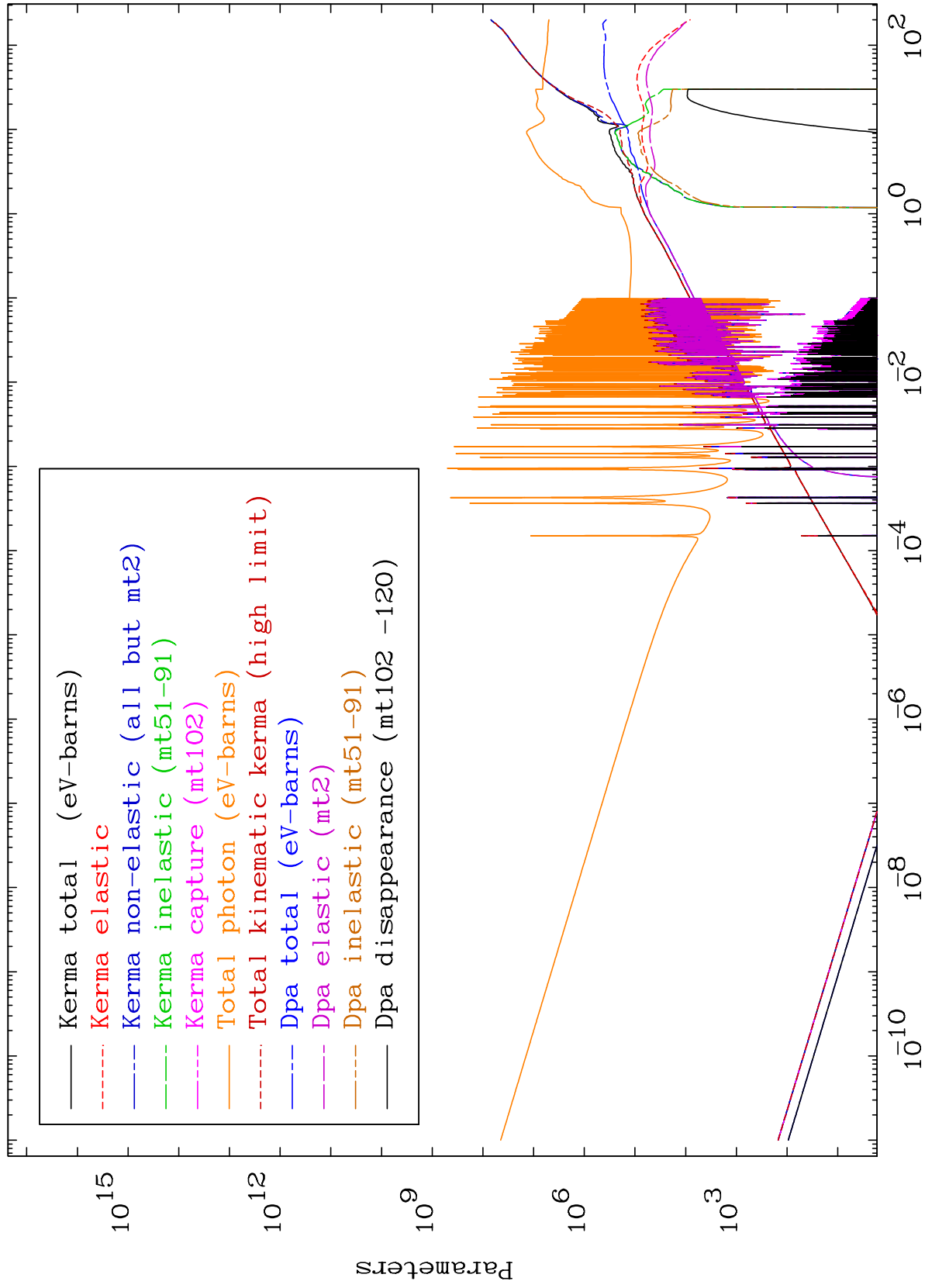
(n,α) Levels
293 Kelvin Cross Sections

50-Sn-120



(n,α)

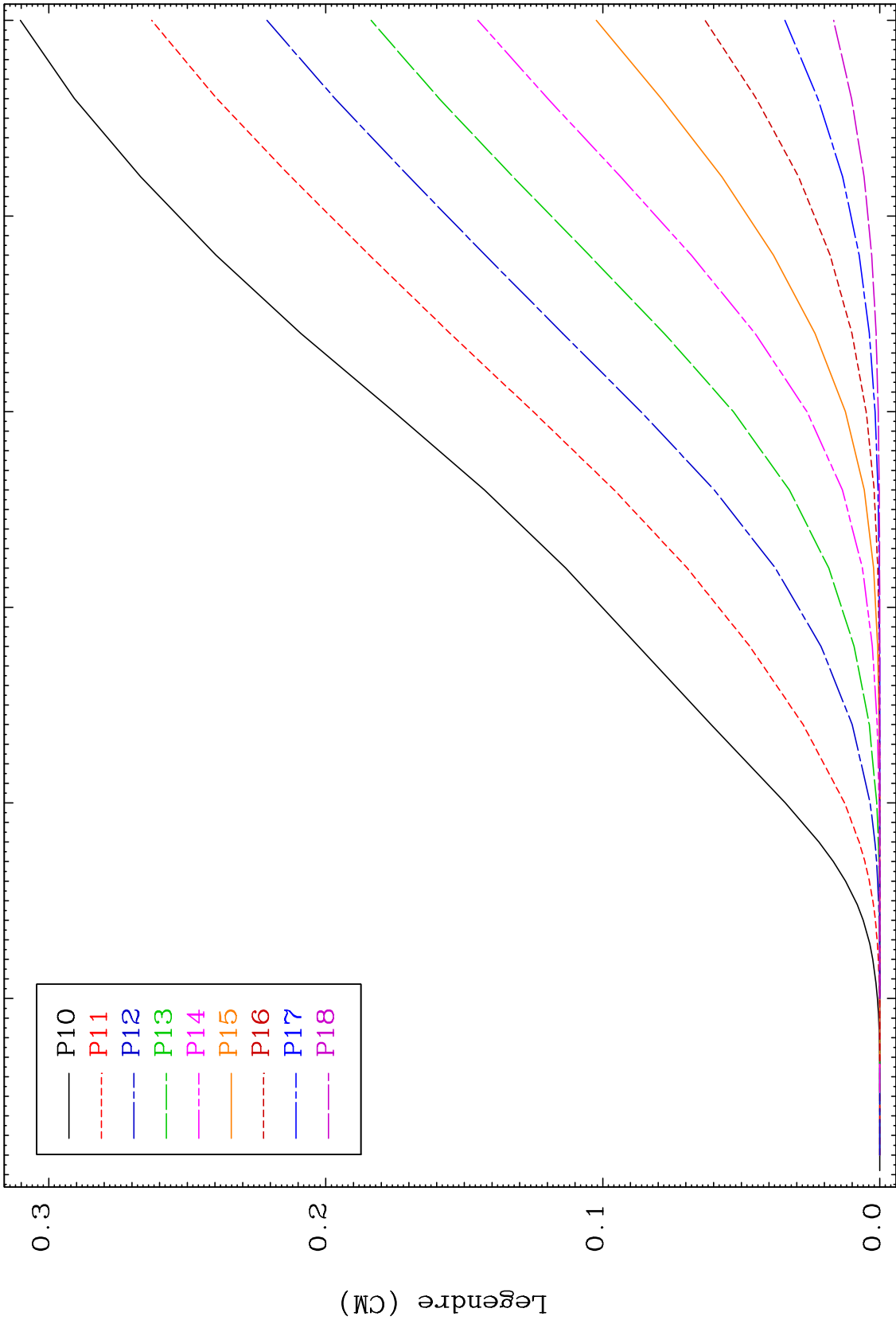
50-Sn-120



MAT 5049

Elastic Legendre Coefficients

50-Sn-120



17

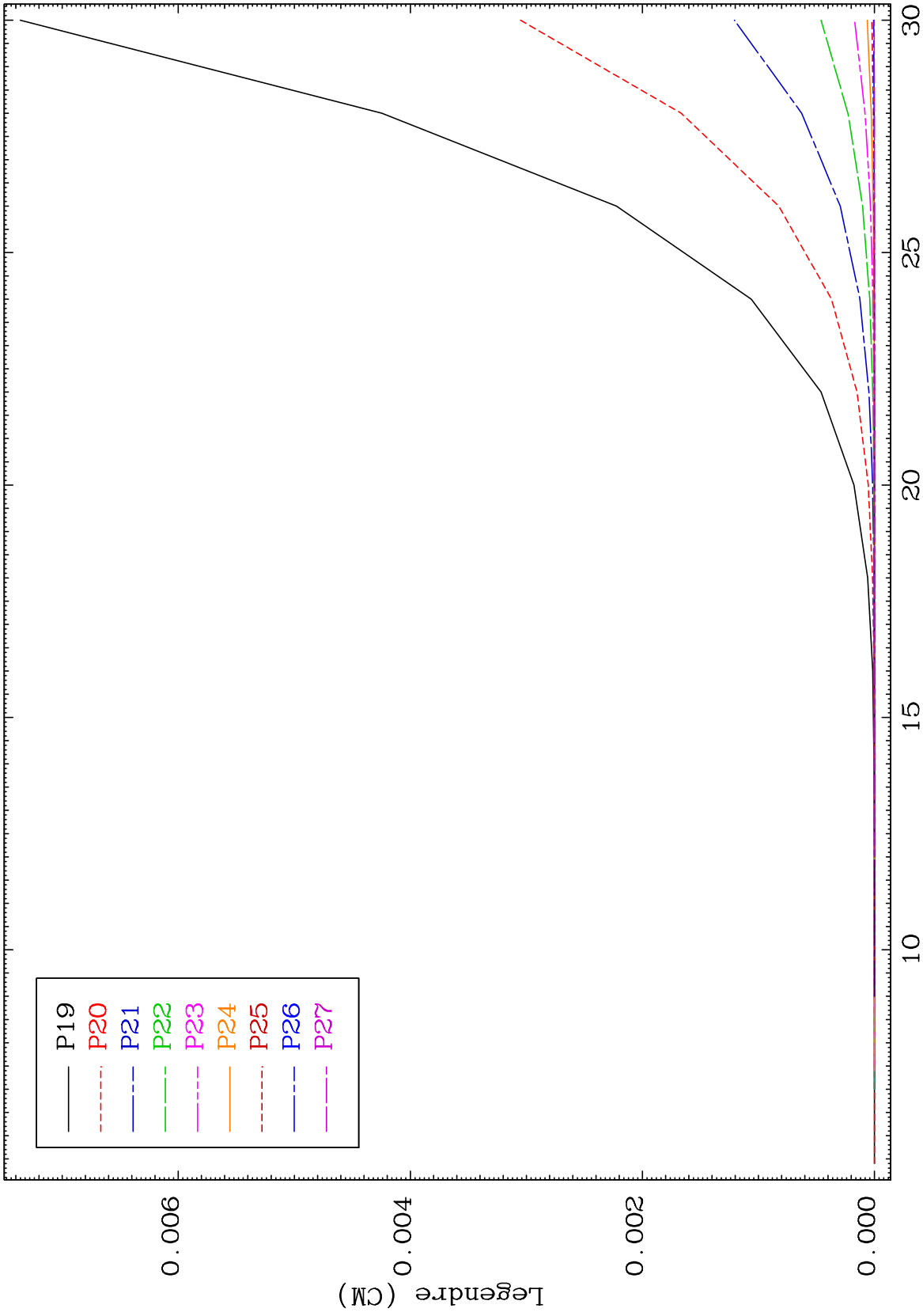
Incident Energy (MeV)

50-Sn-120

MAT 5049

Elastic
Legendre Coefficients

50-Sn-120



18

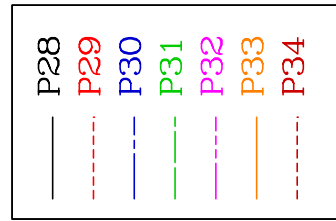
Incident Energy (MeV)

50-Sn-120

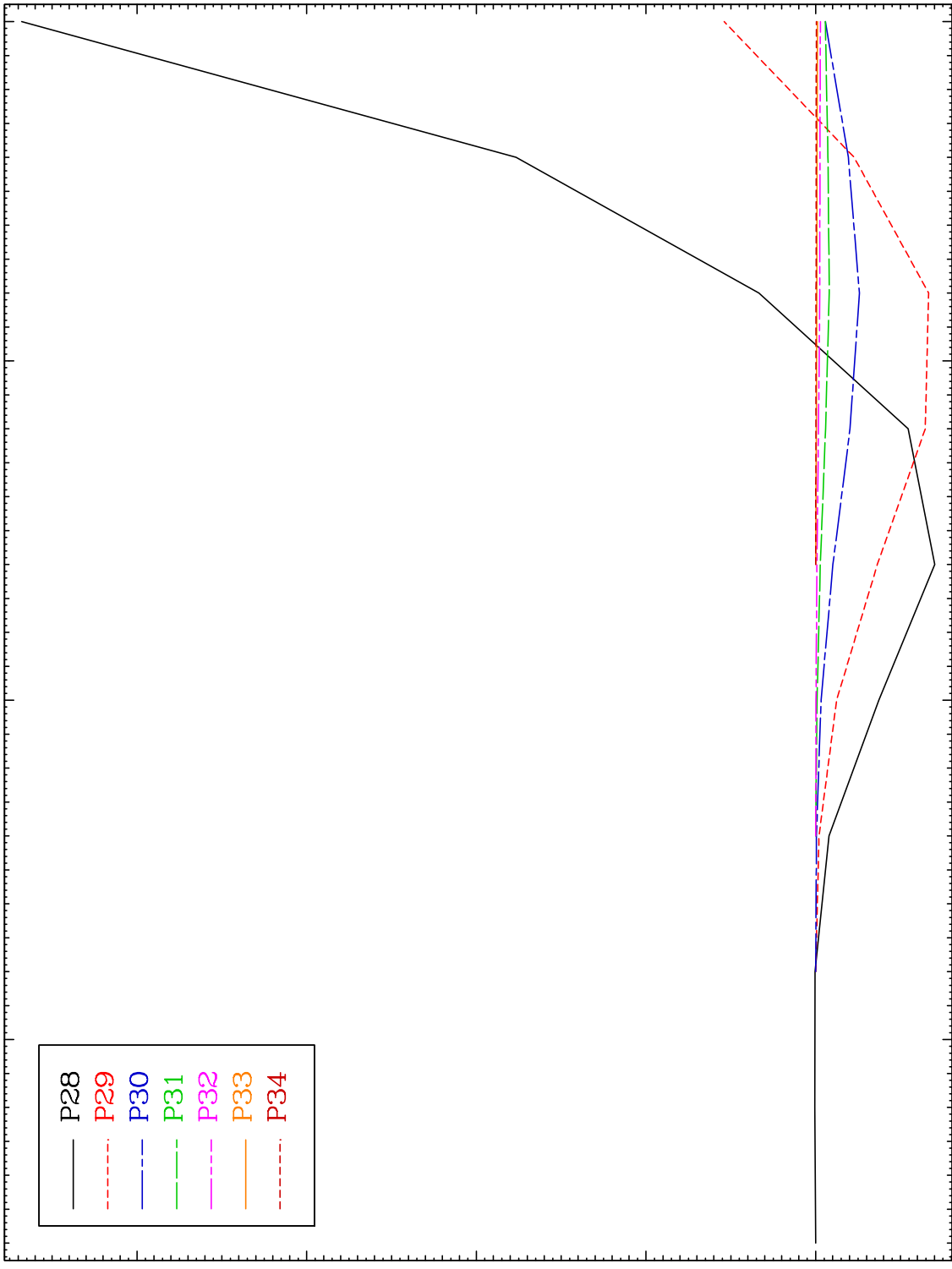
MAT 5049

Elastic Legendre Coefficients

50-Sn-120



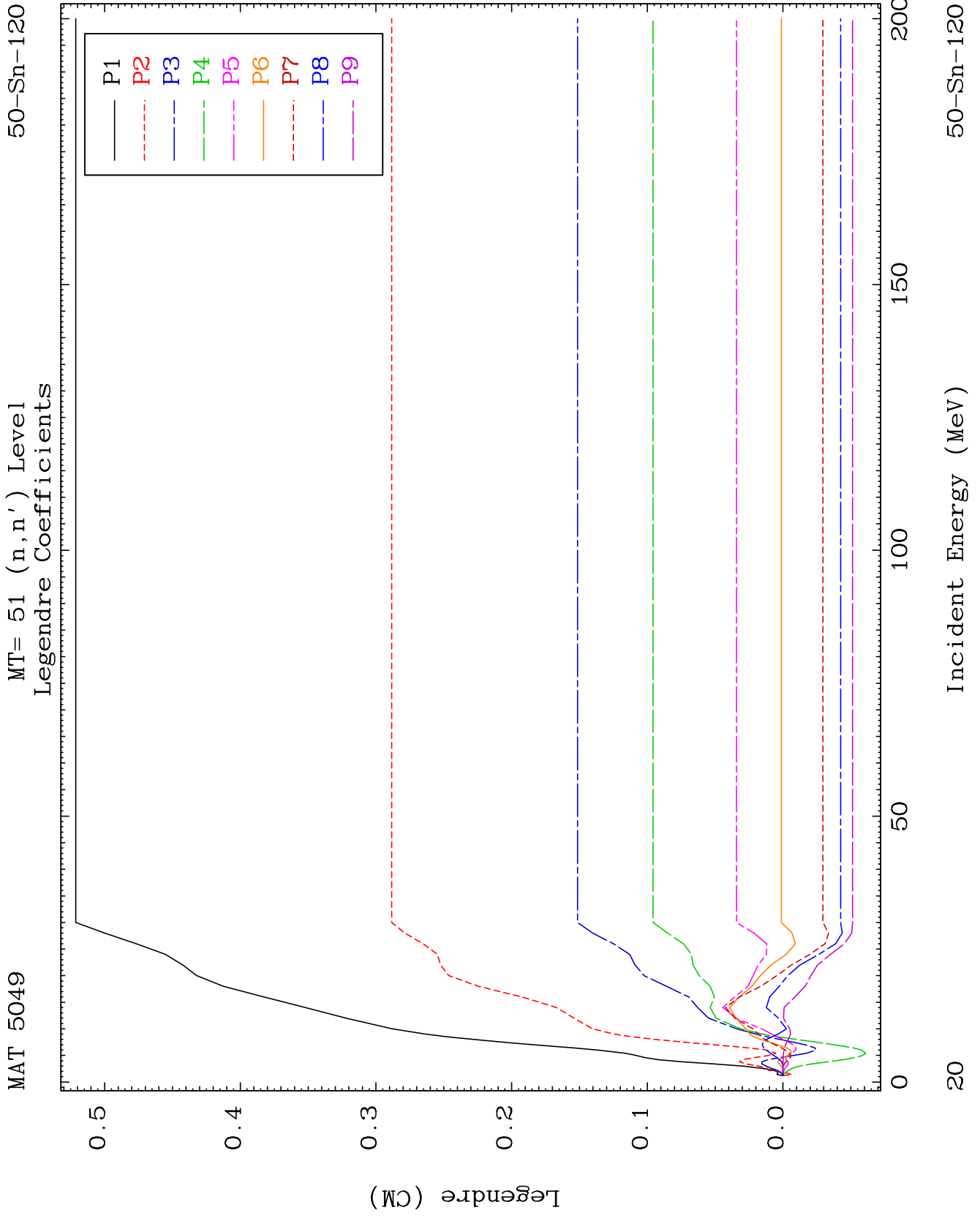
Legendre (CM)
 $\times 10^{-7}$

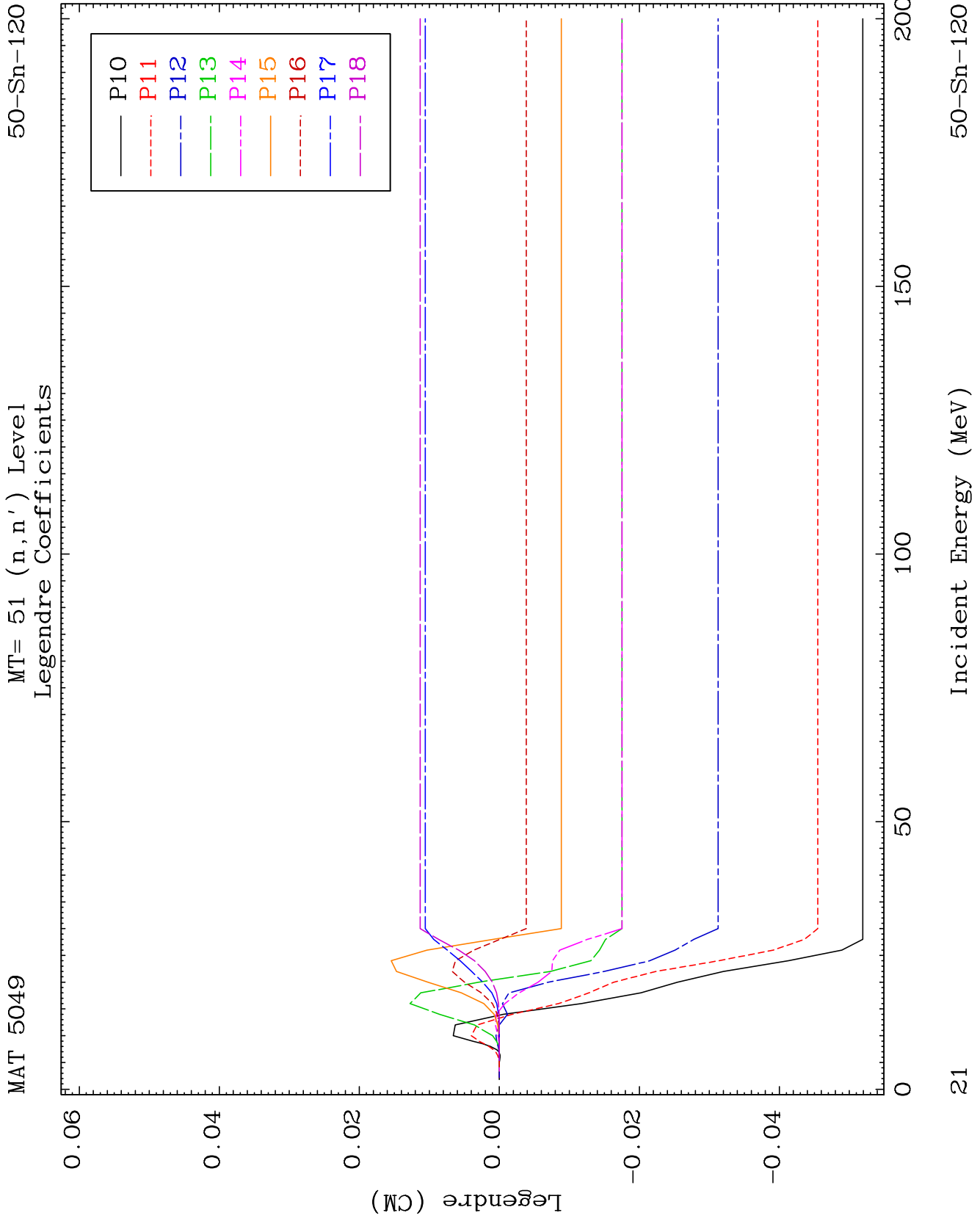


19

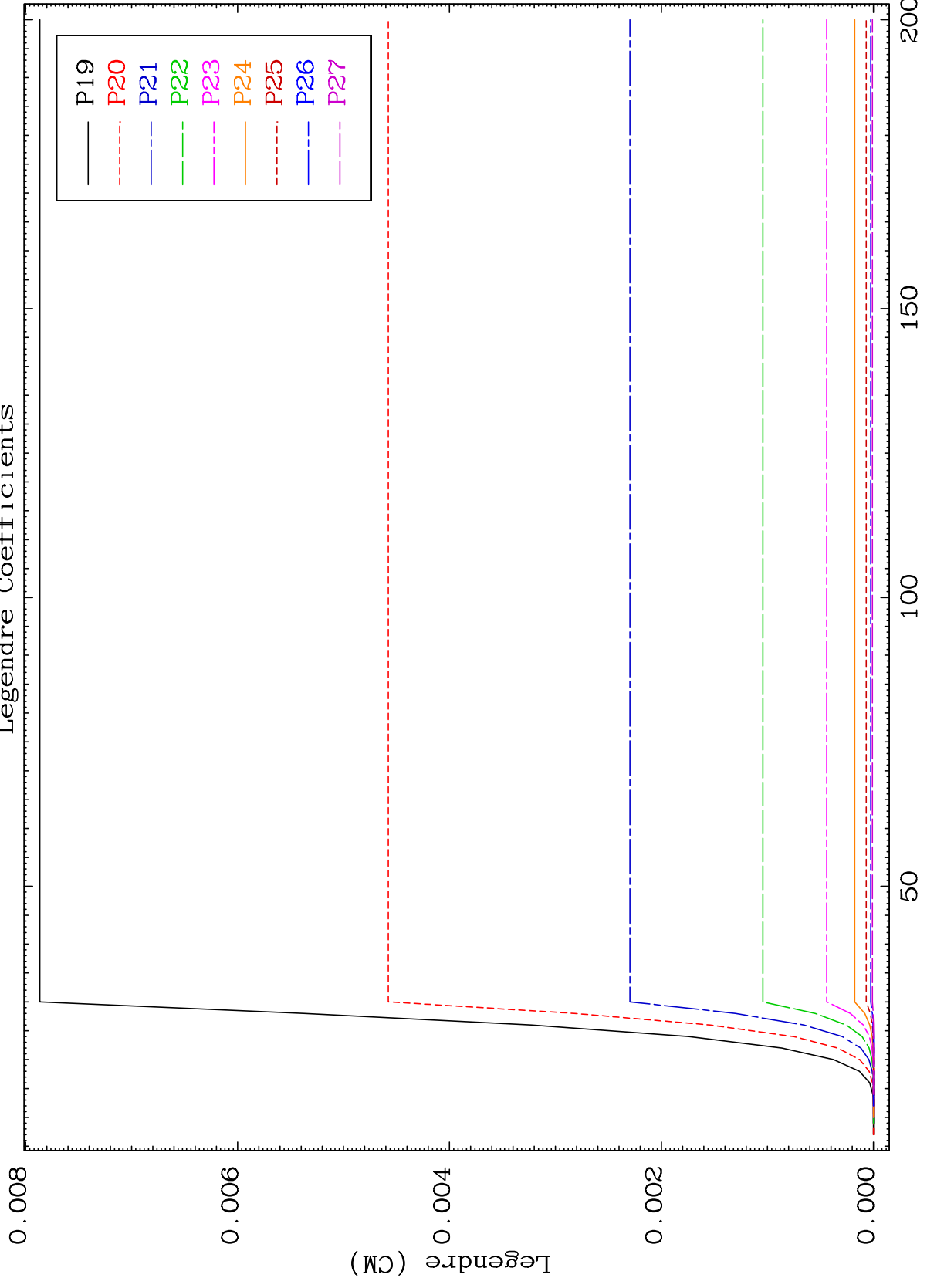
Incident Energy (MeV)

50-Sn-120





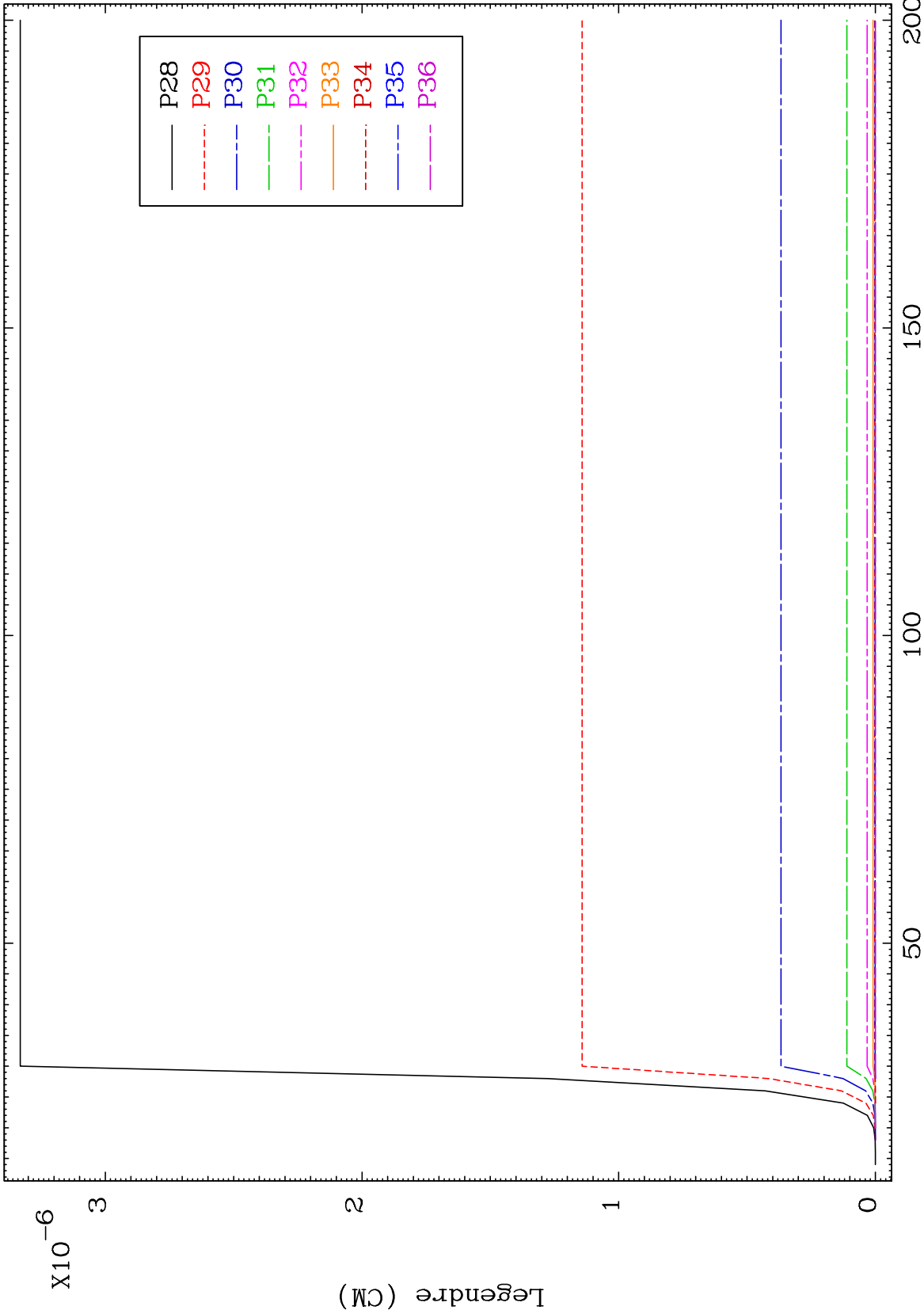
MAT 5049 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049

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

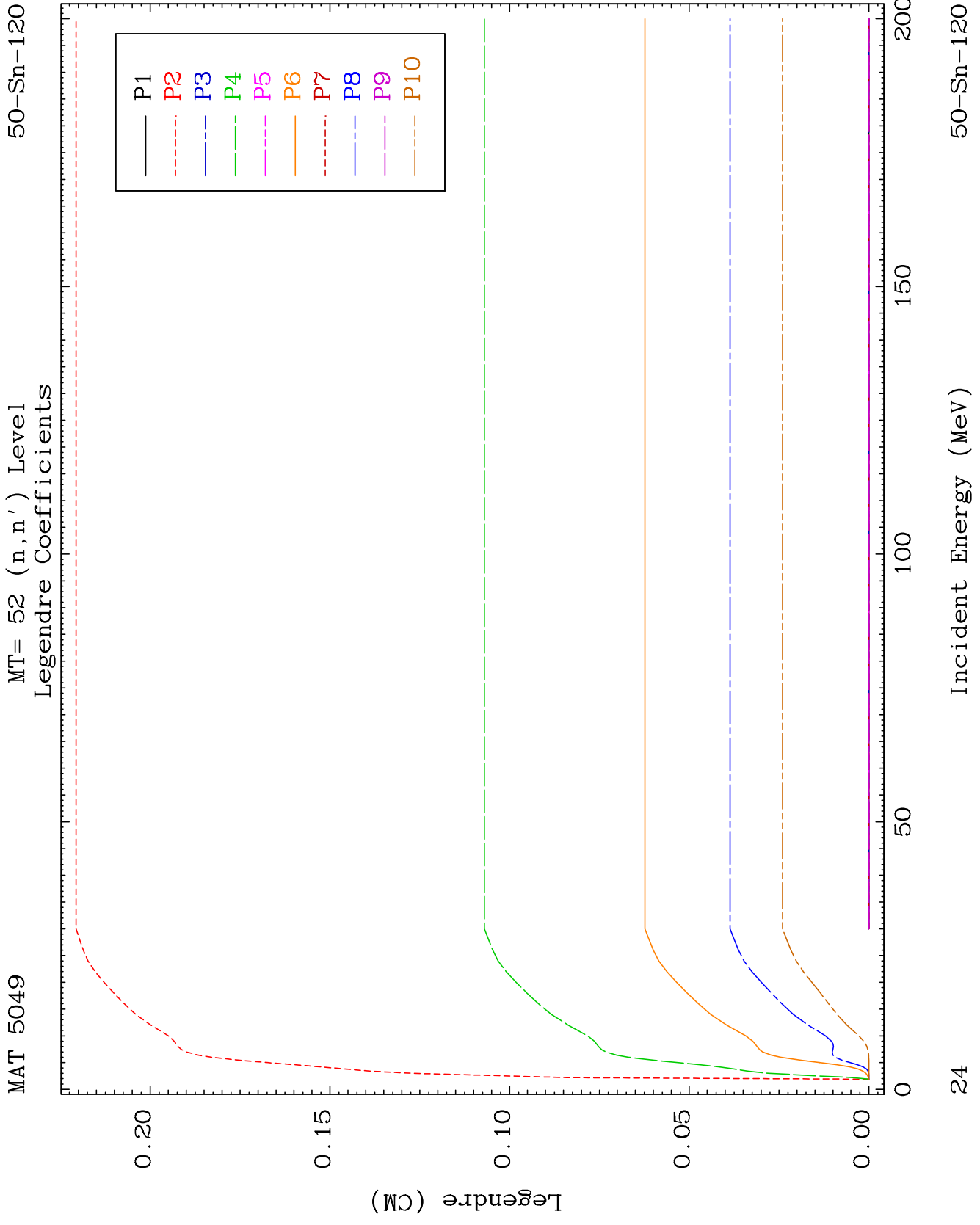
50-Sn-120

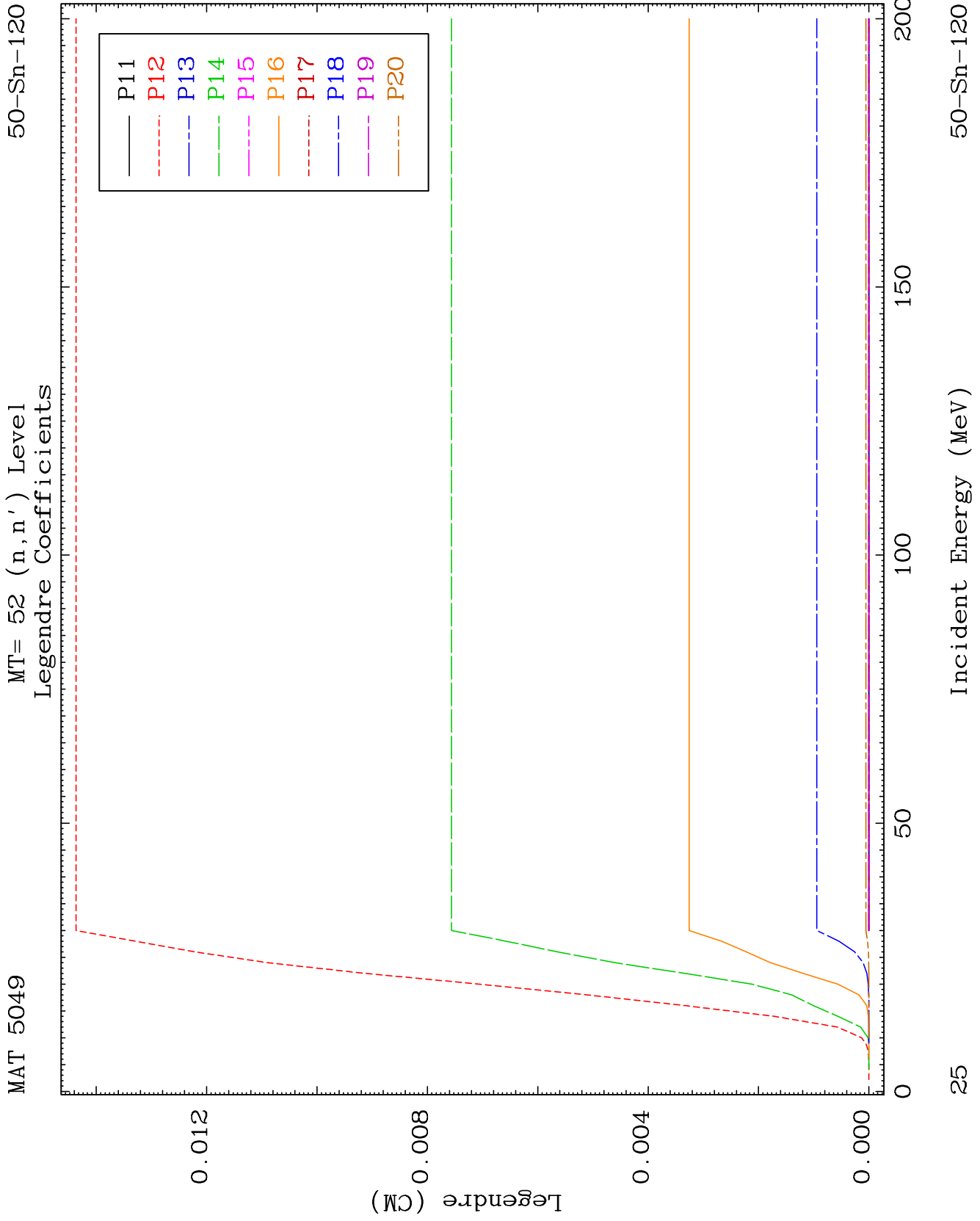


23

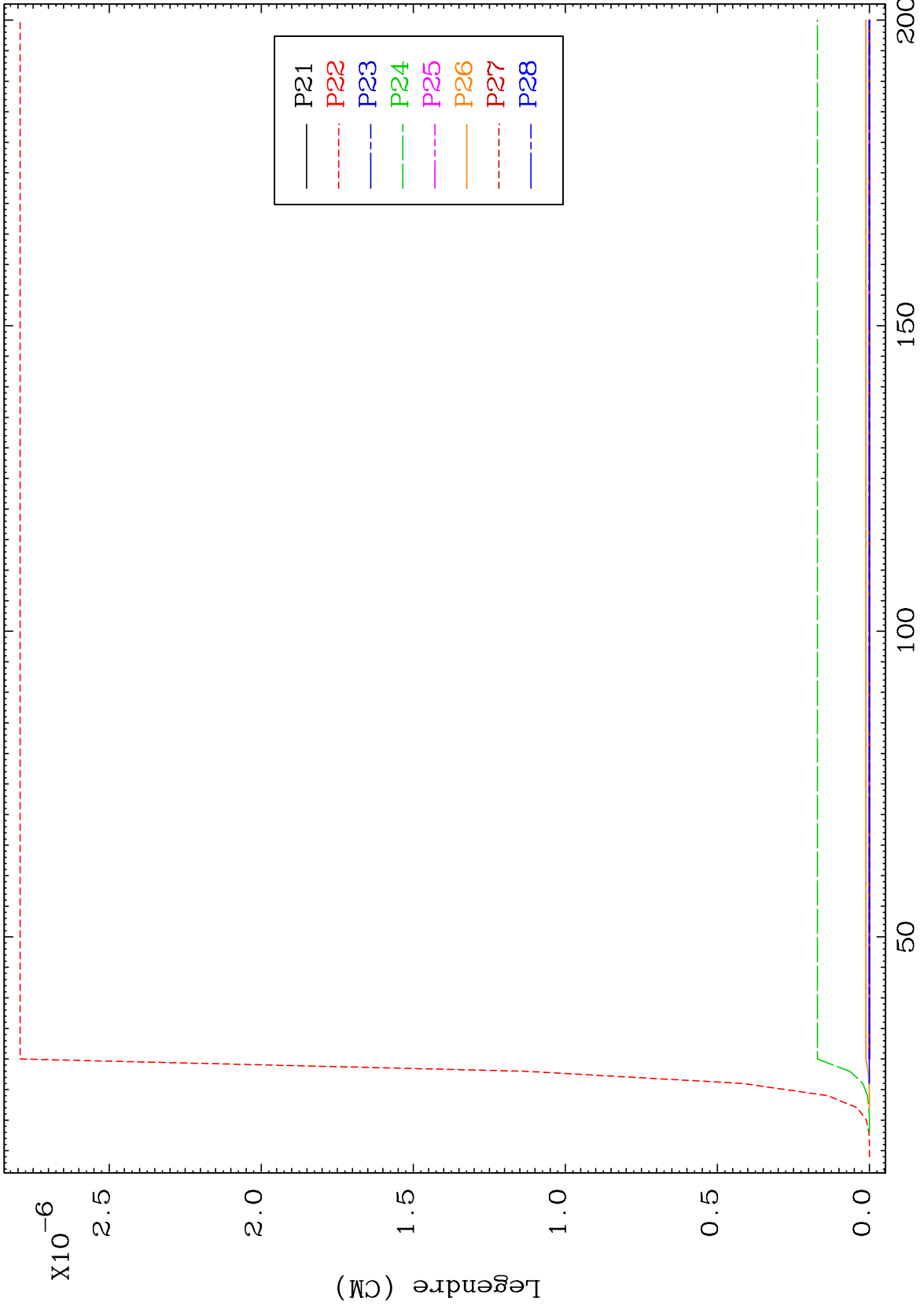
Incident Energy (MeV)

50-Sn-120





MAT 5049 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-120

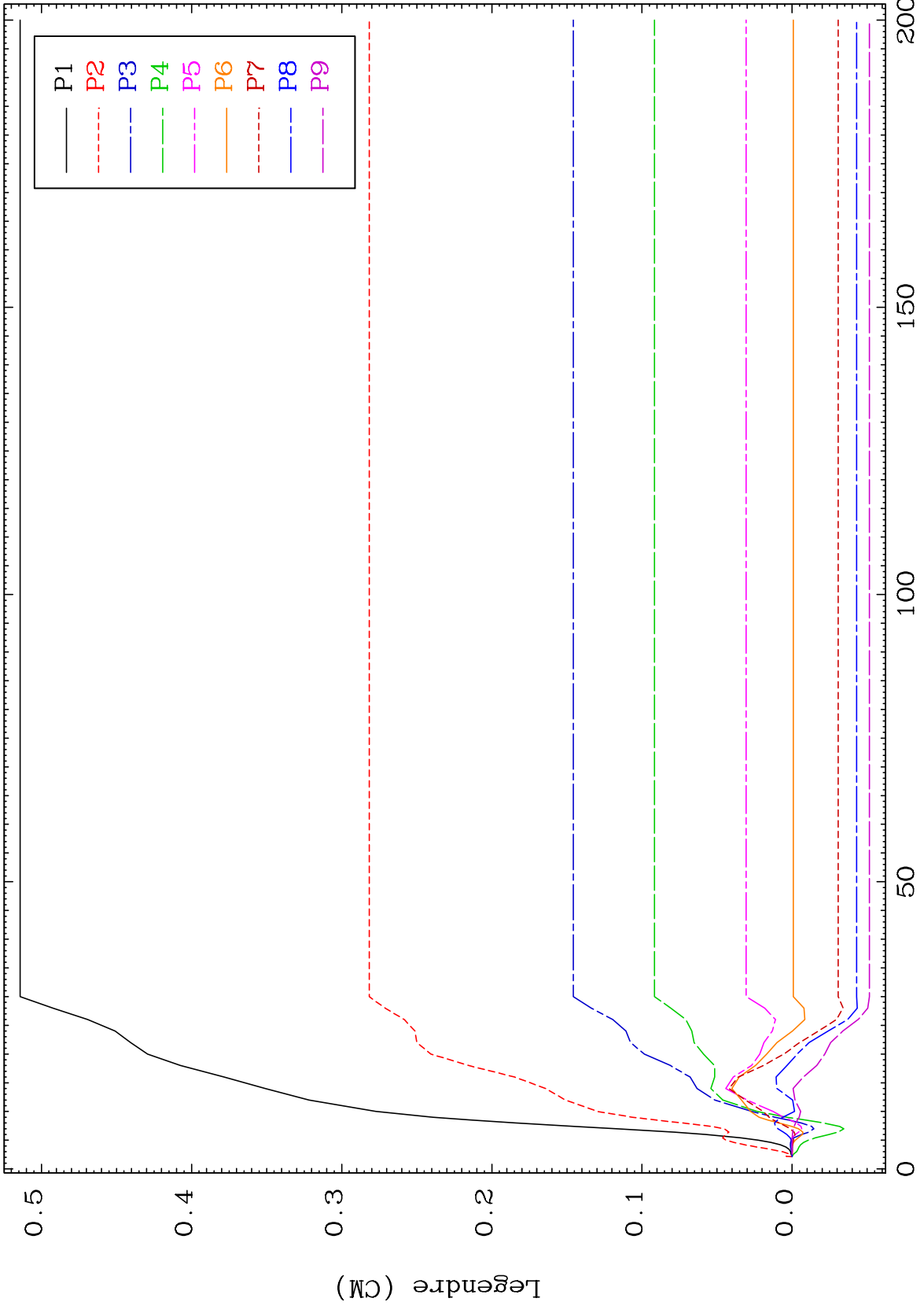


26 Incident Energy (MeV) 50-Sn-120

MAT 5049

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

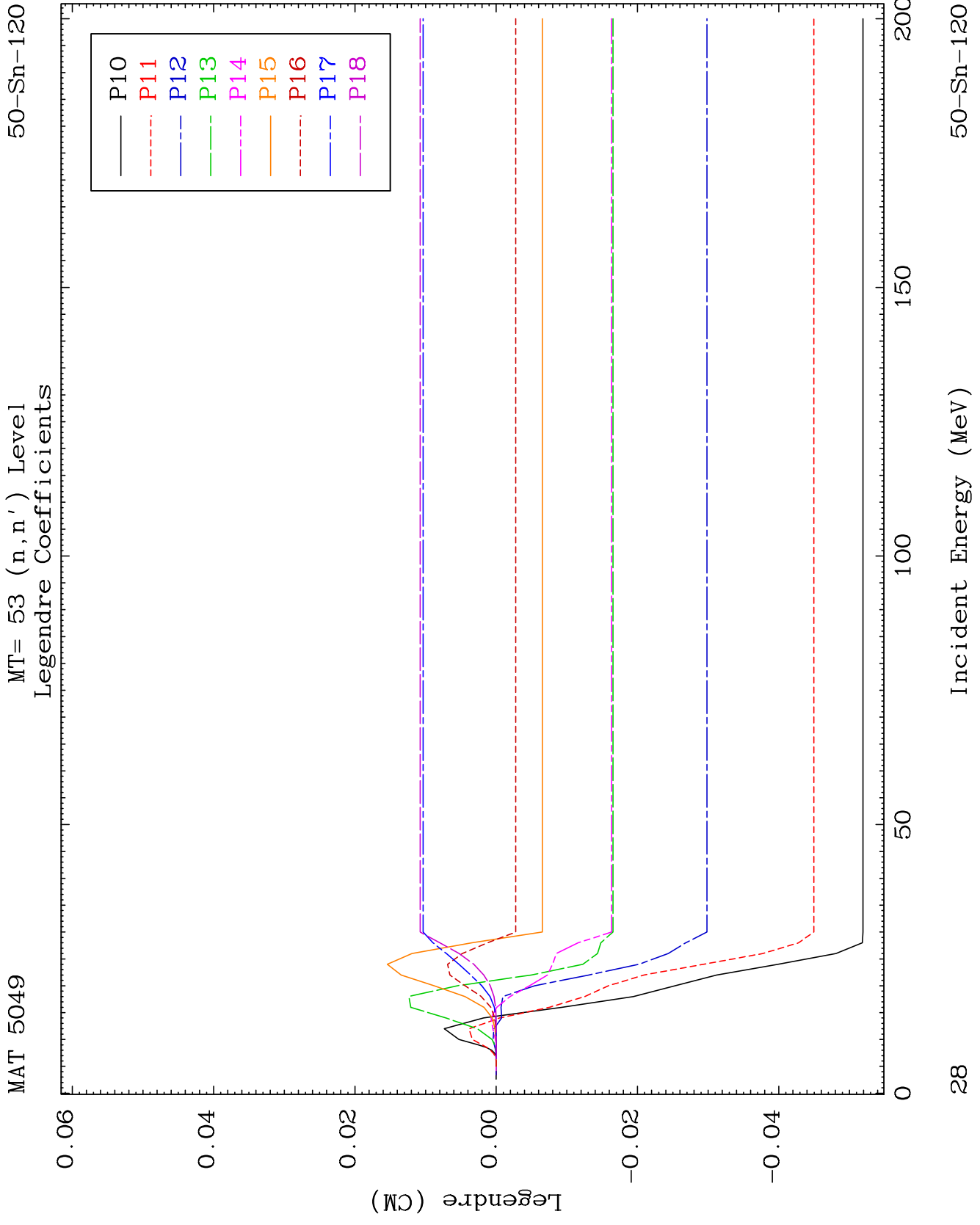
50-Sn-120



27

Incident Energy (MeV)

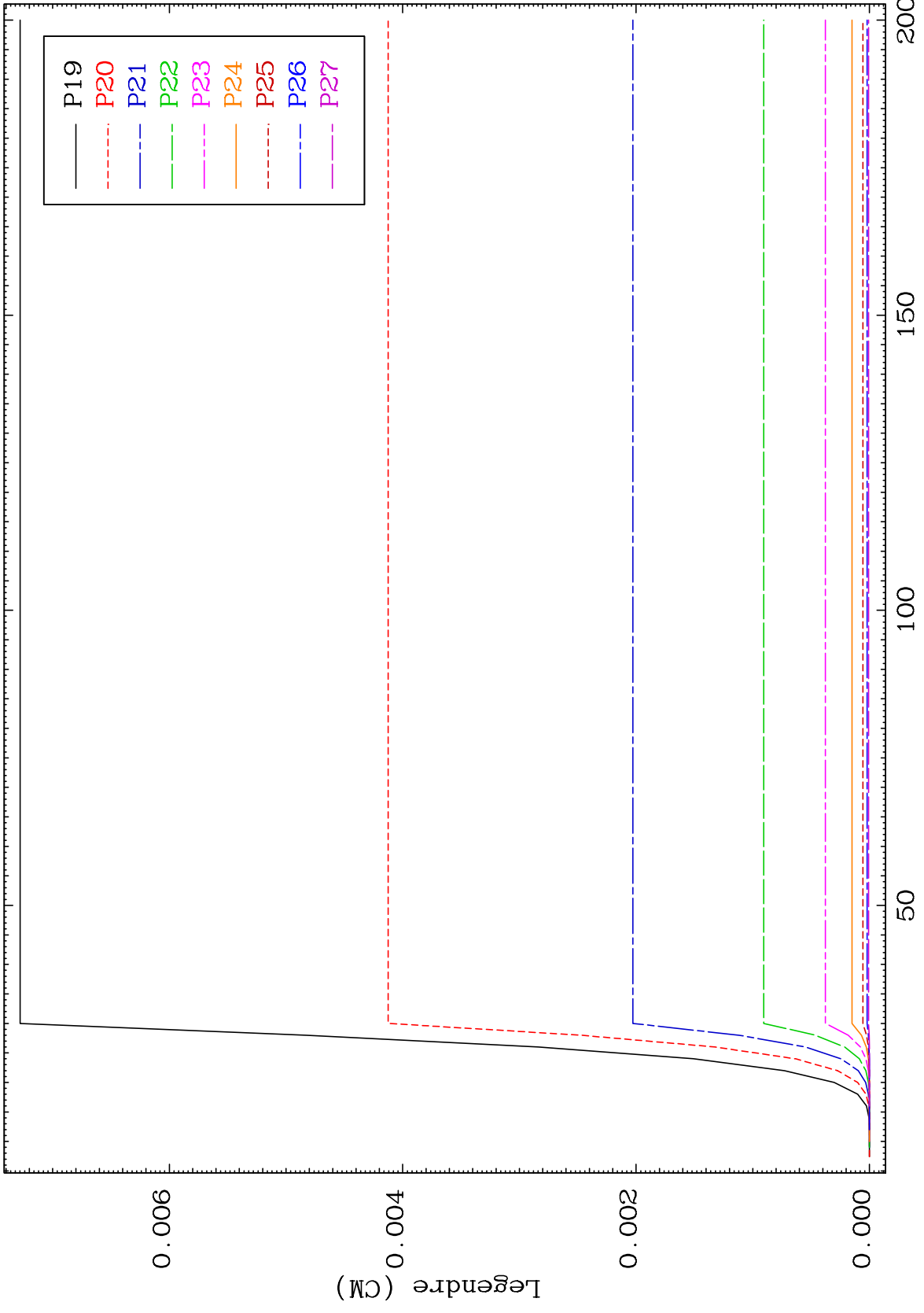
50-Sn-120



MAT 5049

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

50-Sn-120



29

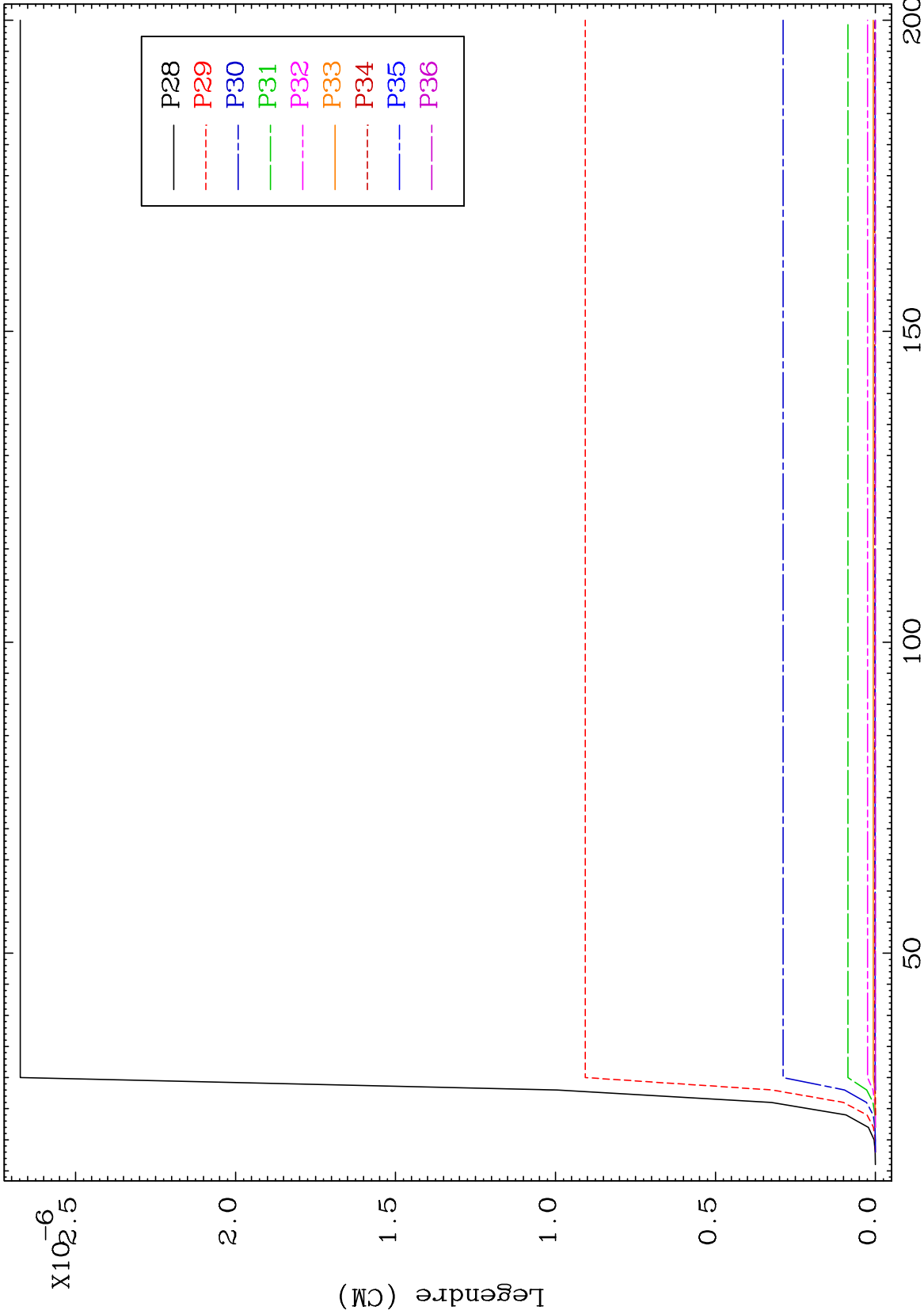
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

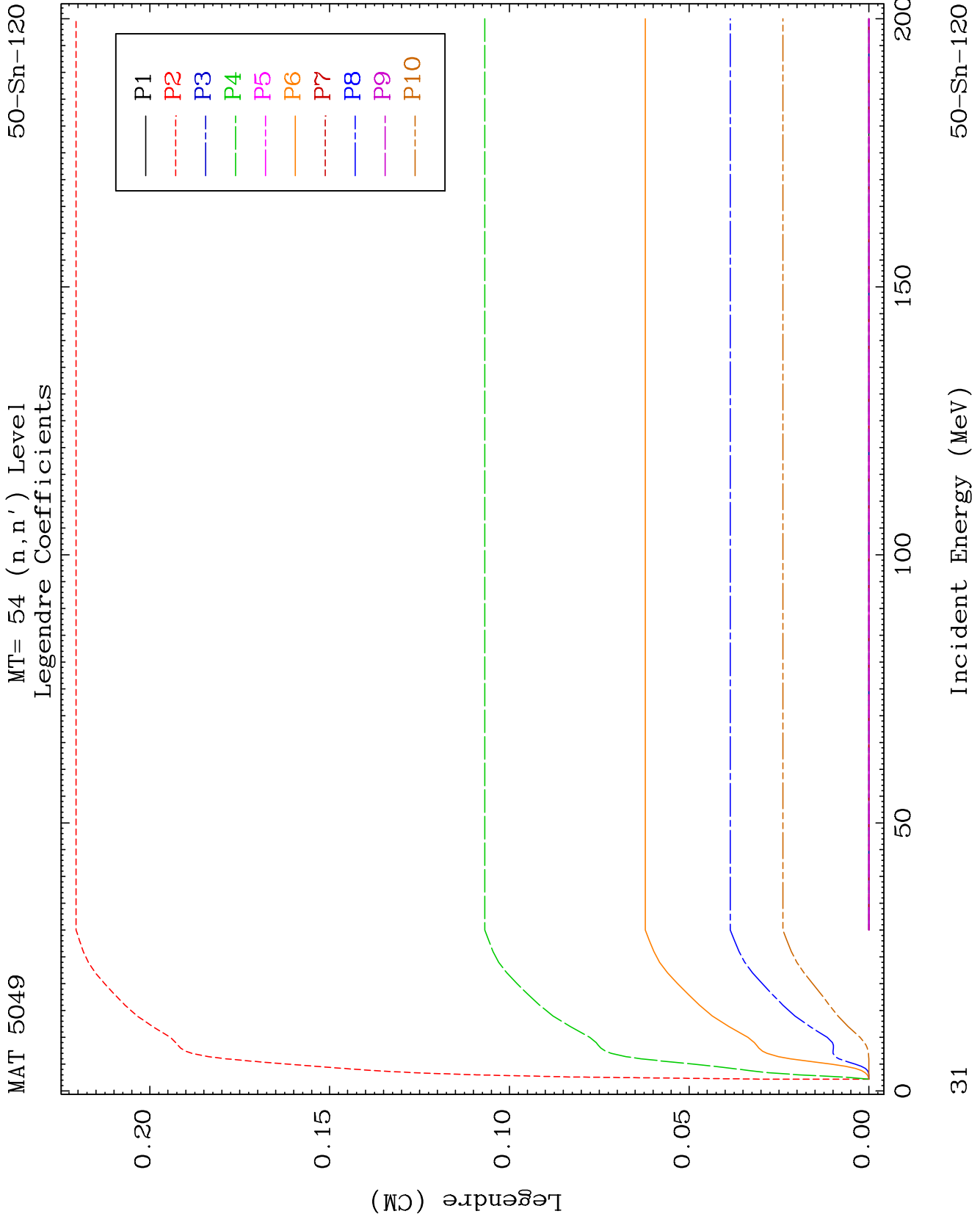
50-Sn-120



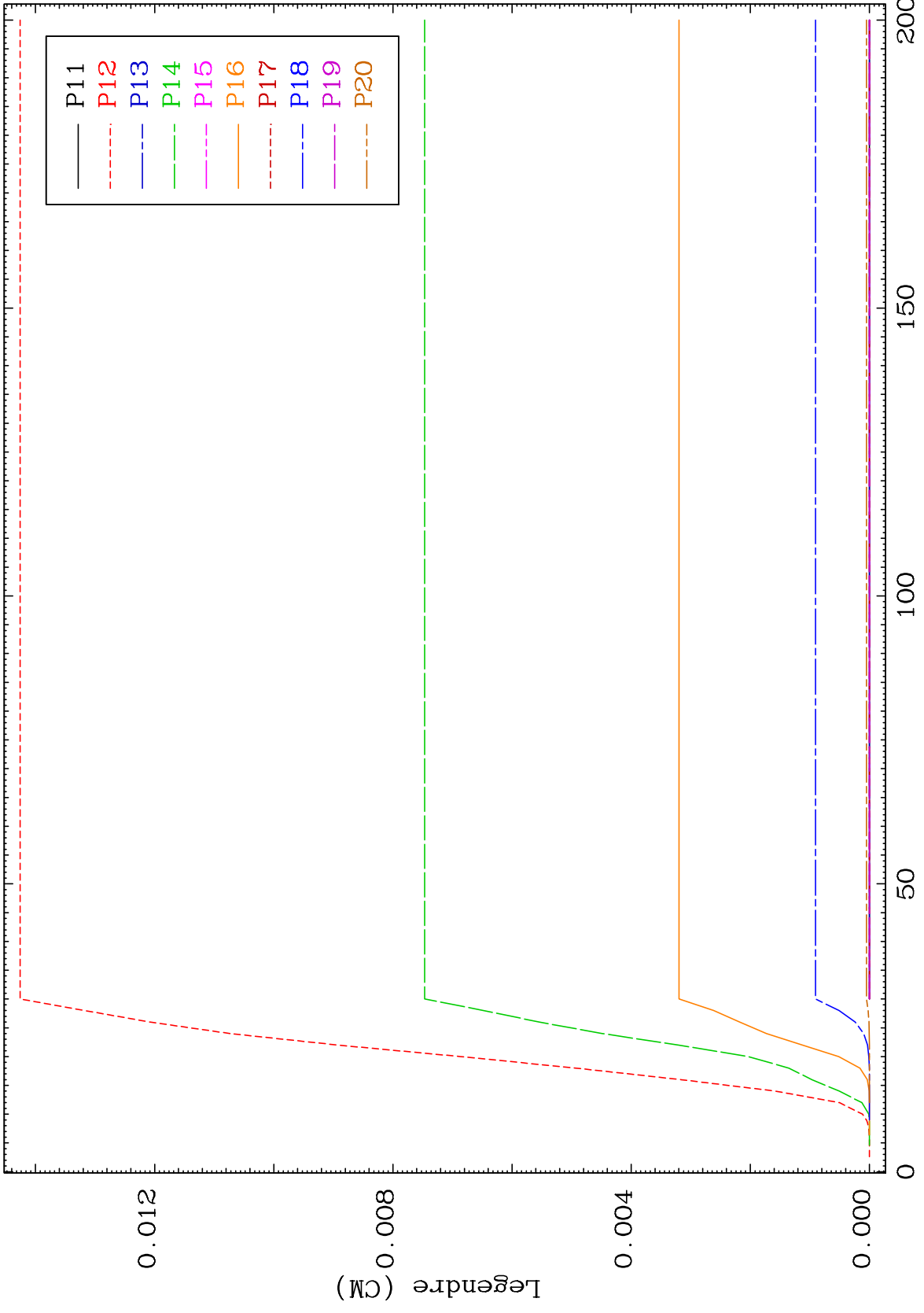
30

Incident Energy (MeV)

50-Sn-120



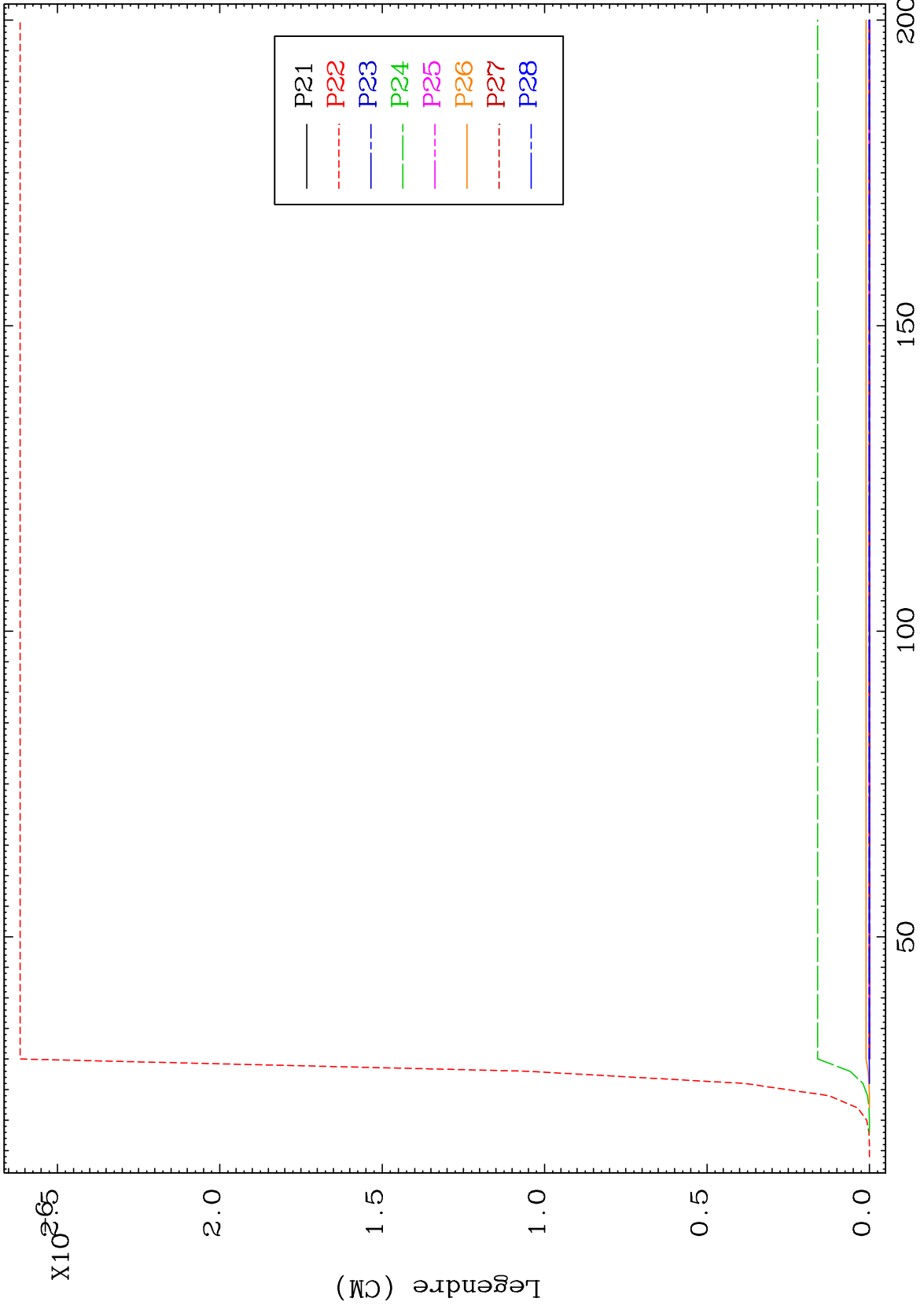
MAT 5049 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-120



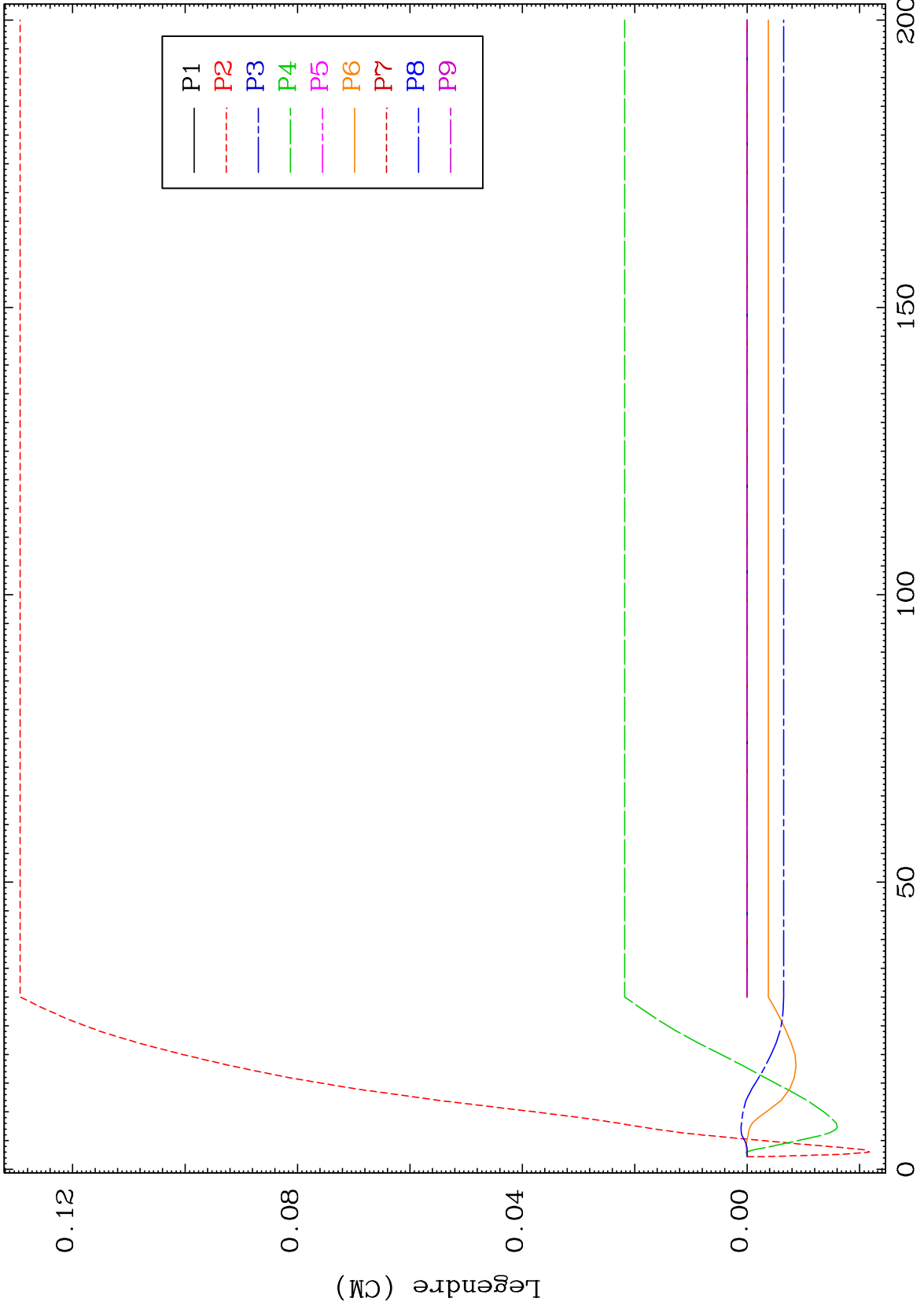
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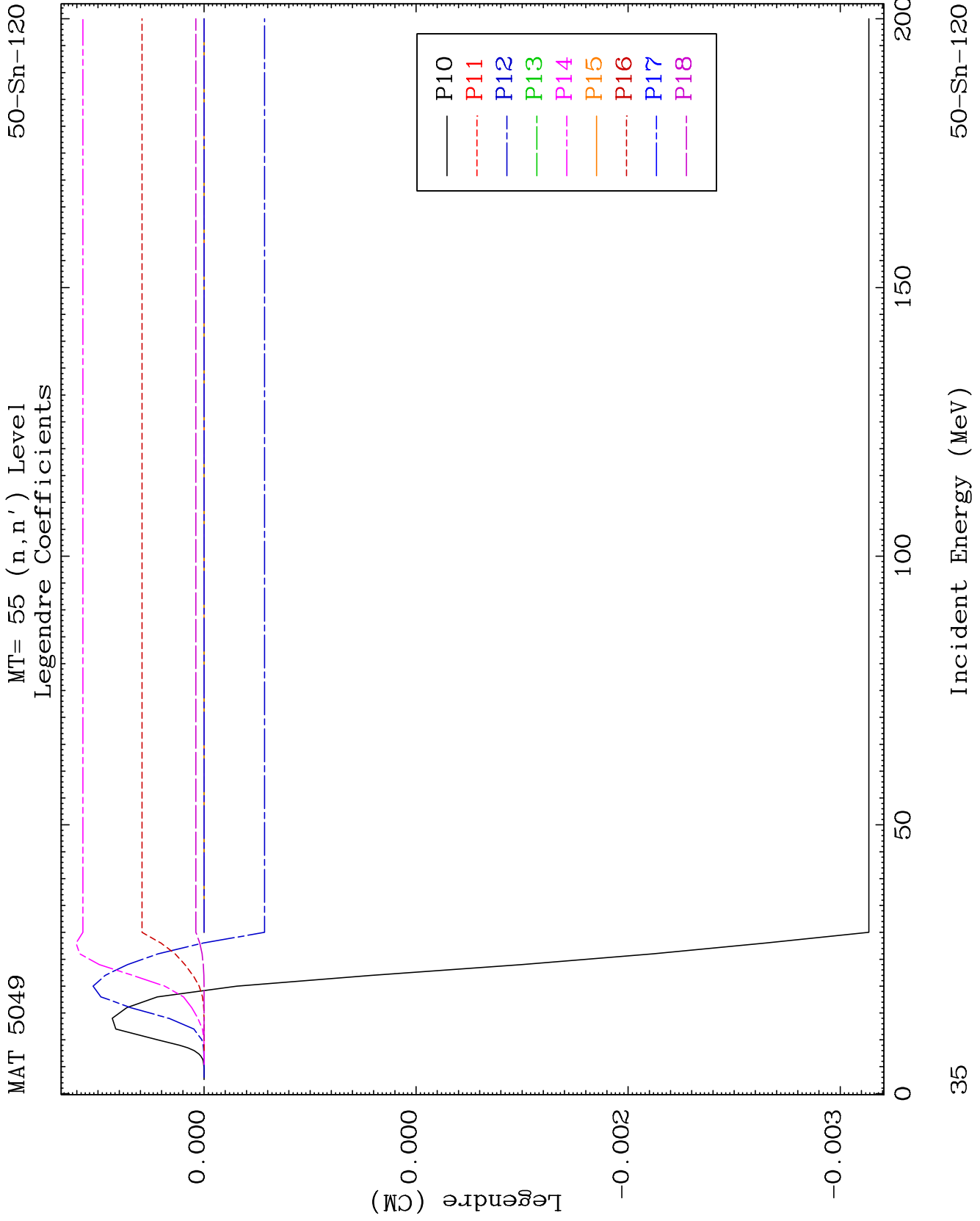
50-Sn-120

MAT 5049 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-120

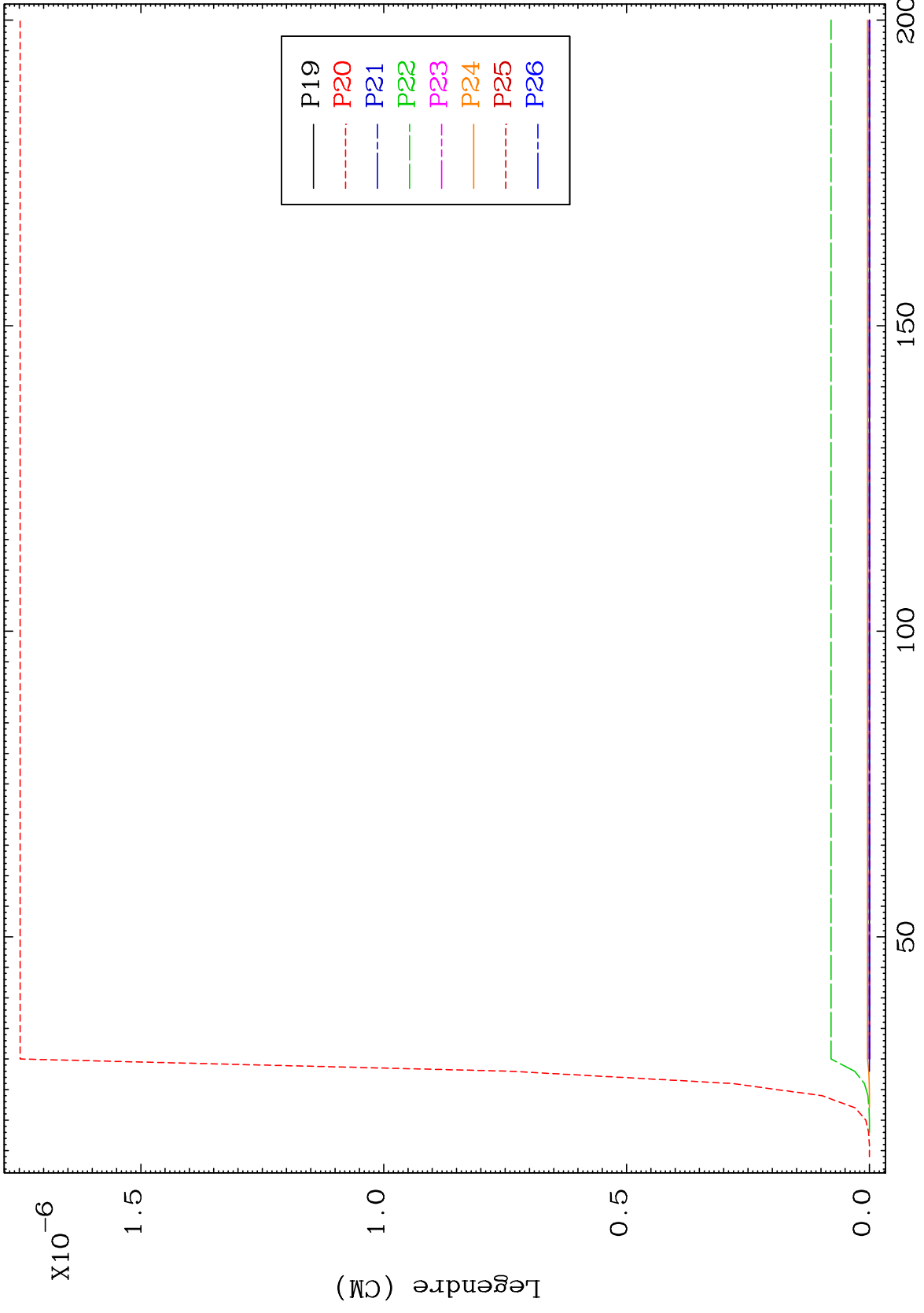


MAT 5049 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-120

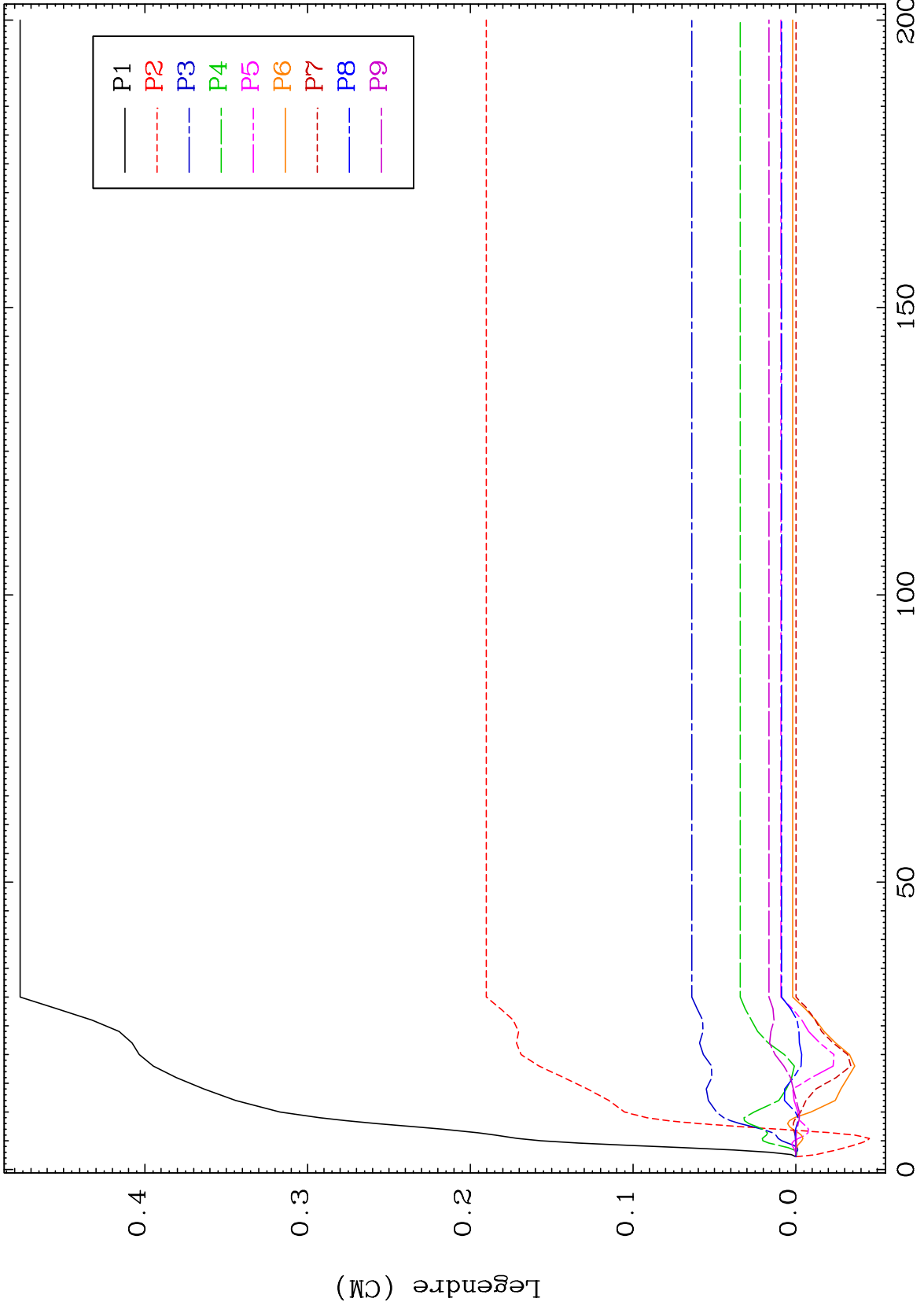




MAT 5049 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-120



37

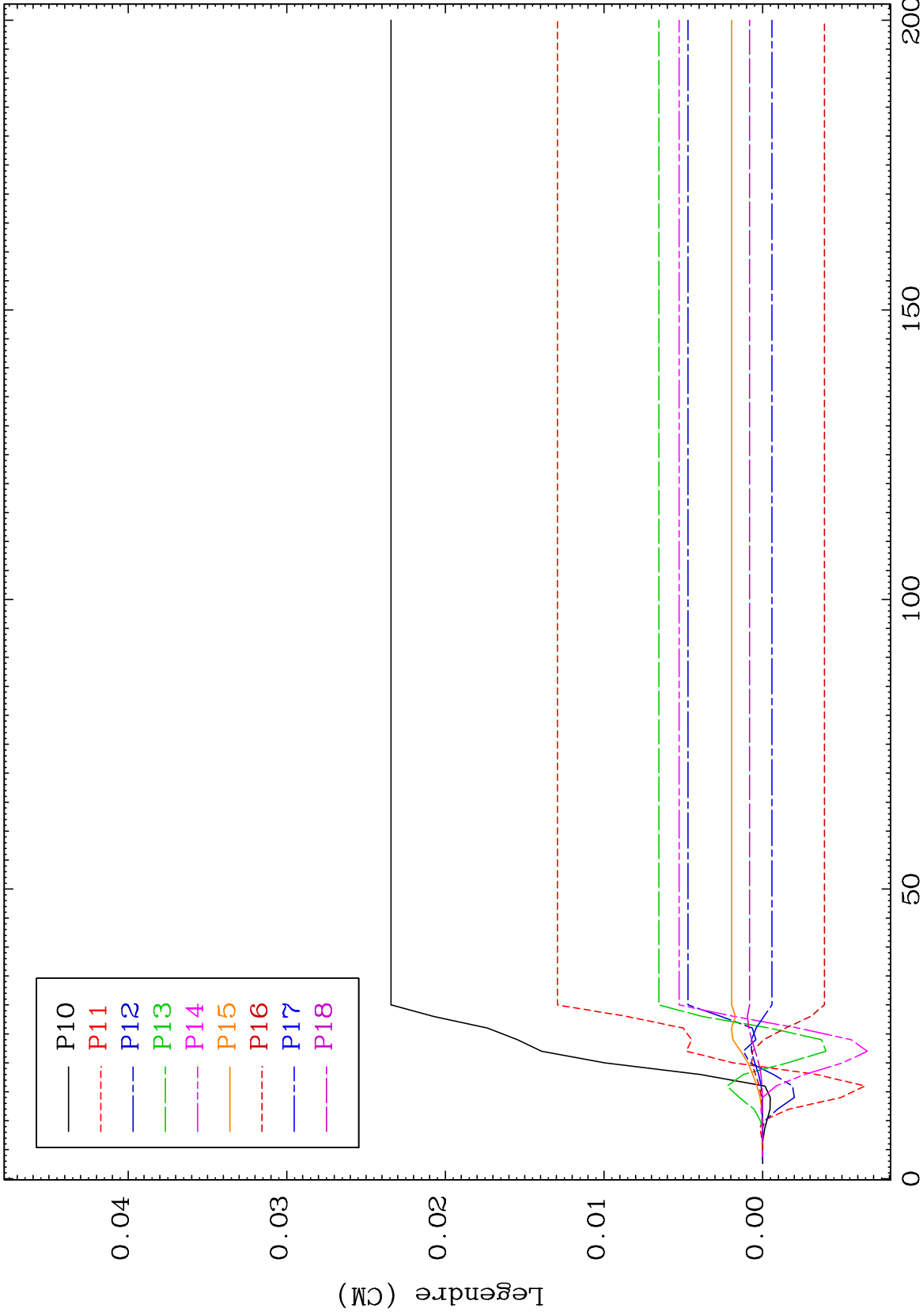
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



38

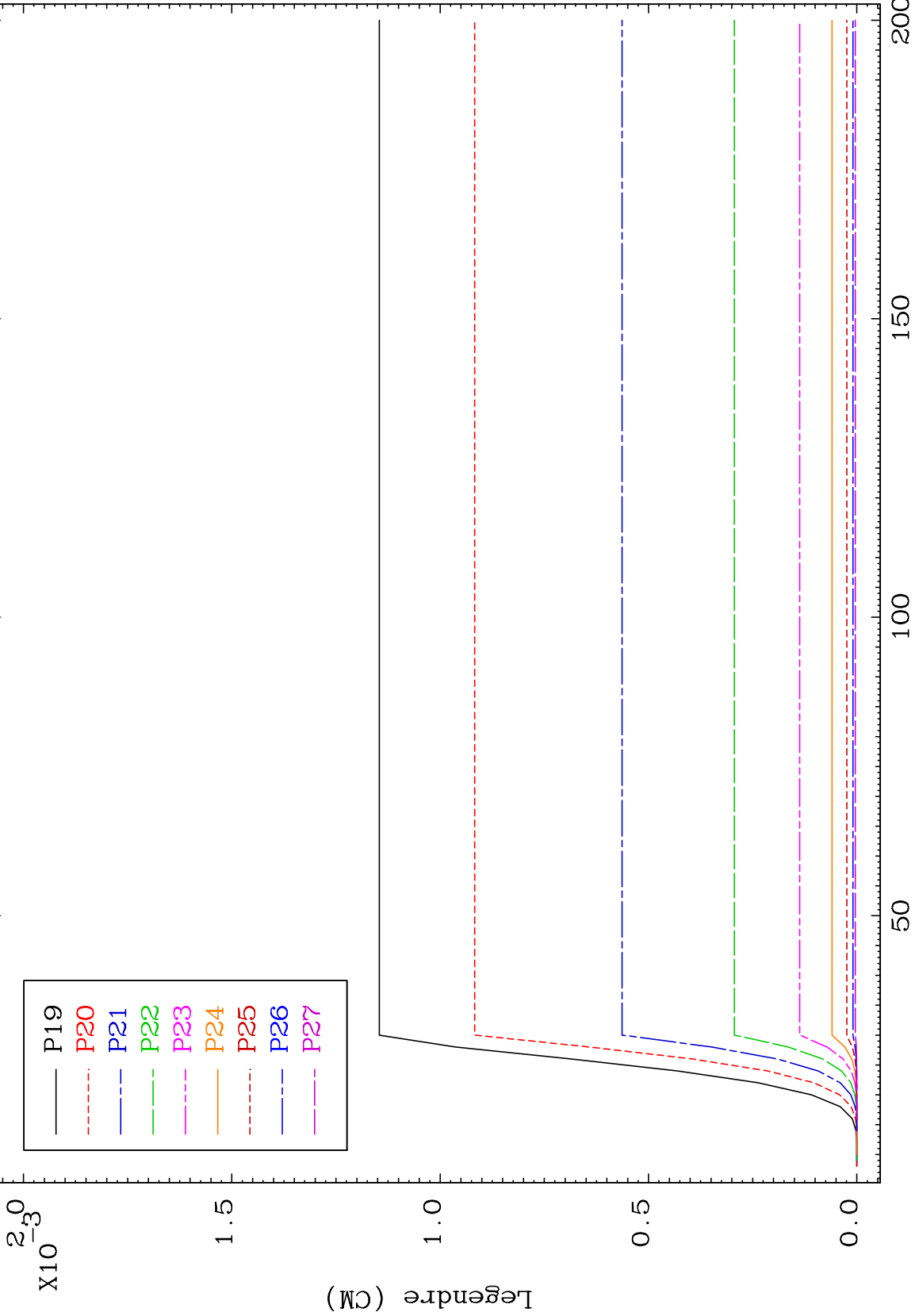
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



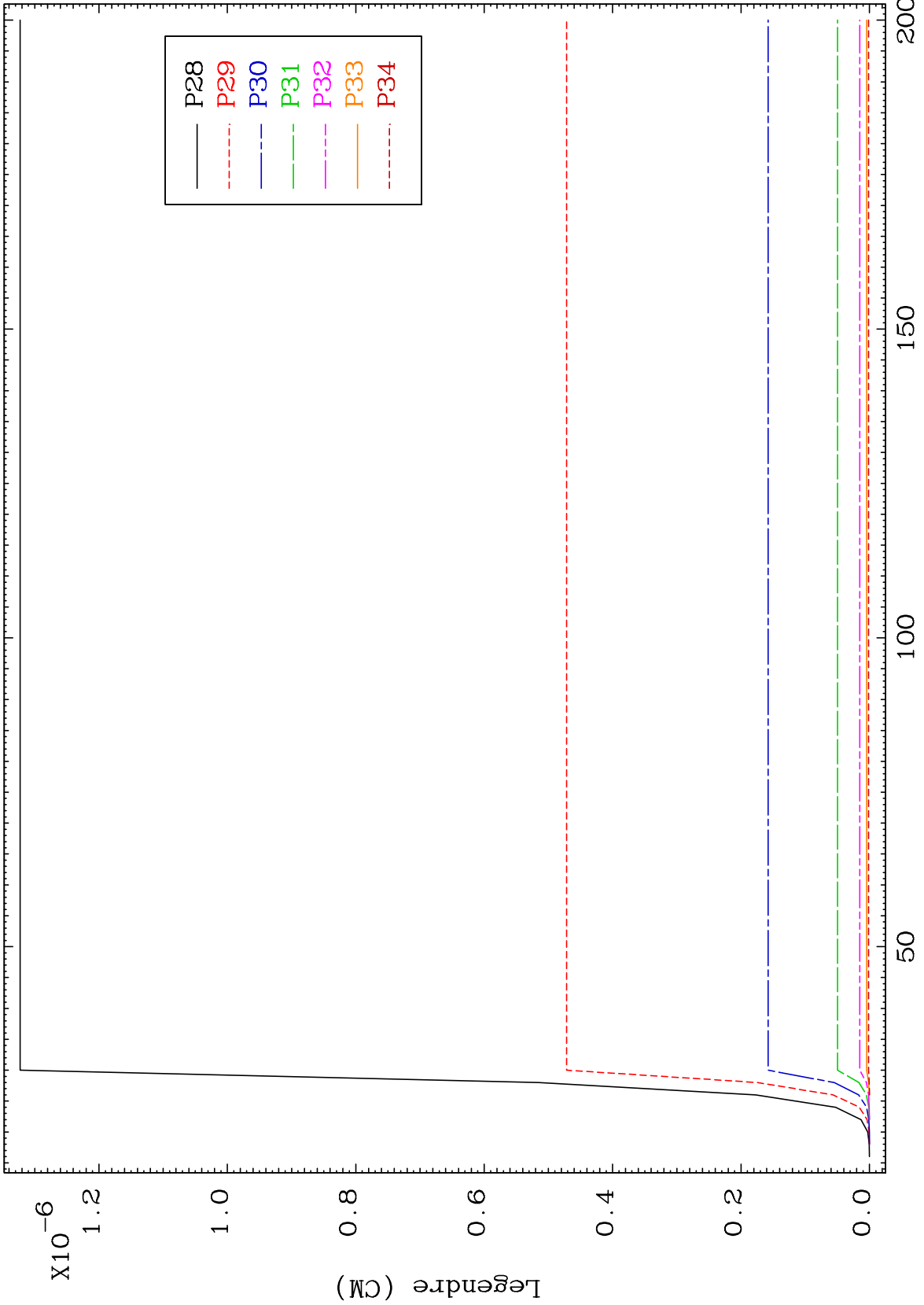
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50-Sn-120

MAT 5049

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

50-Sn-120

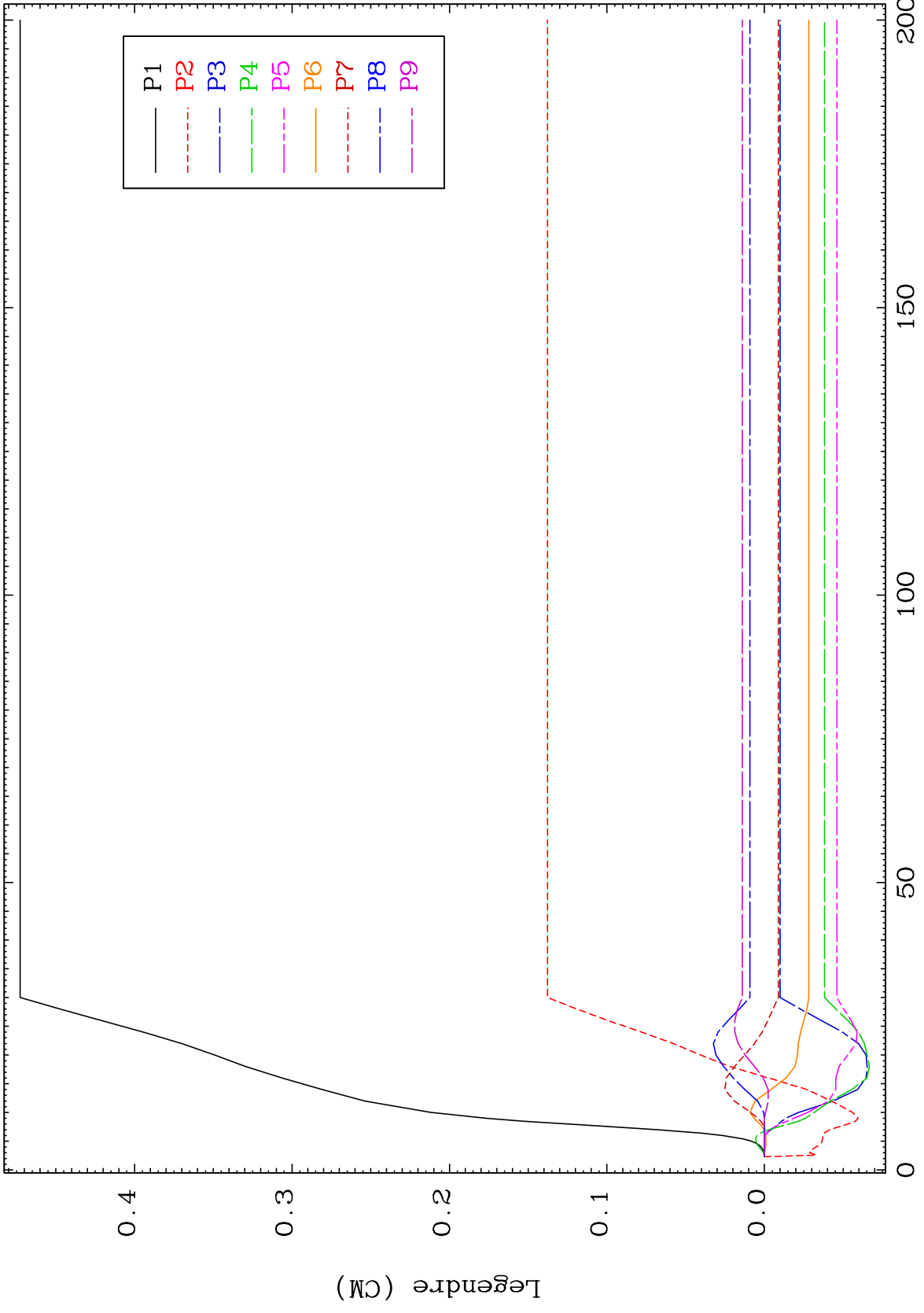


40

Incident Energy (MeV)

50-Sn-120

MAT 5049 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-120

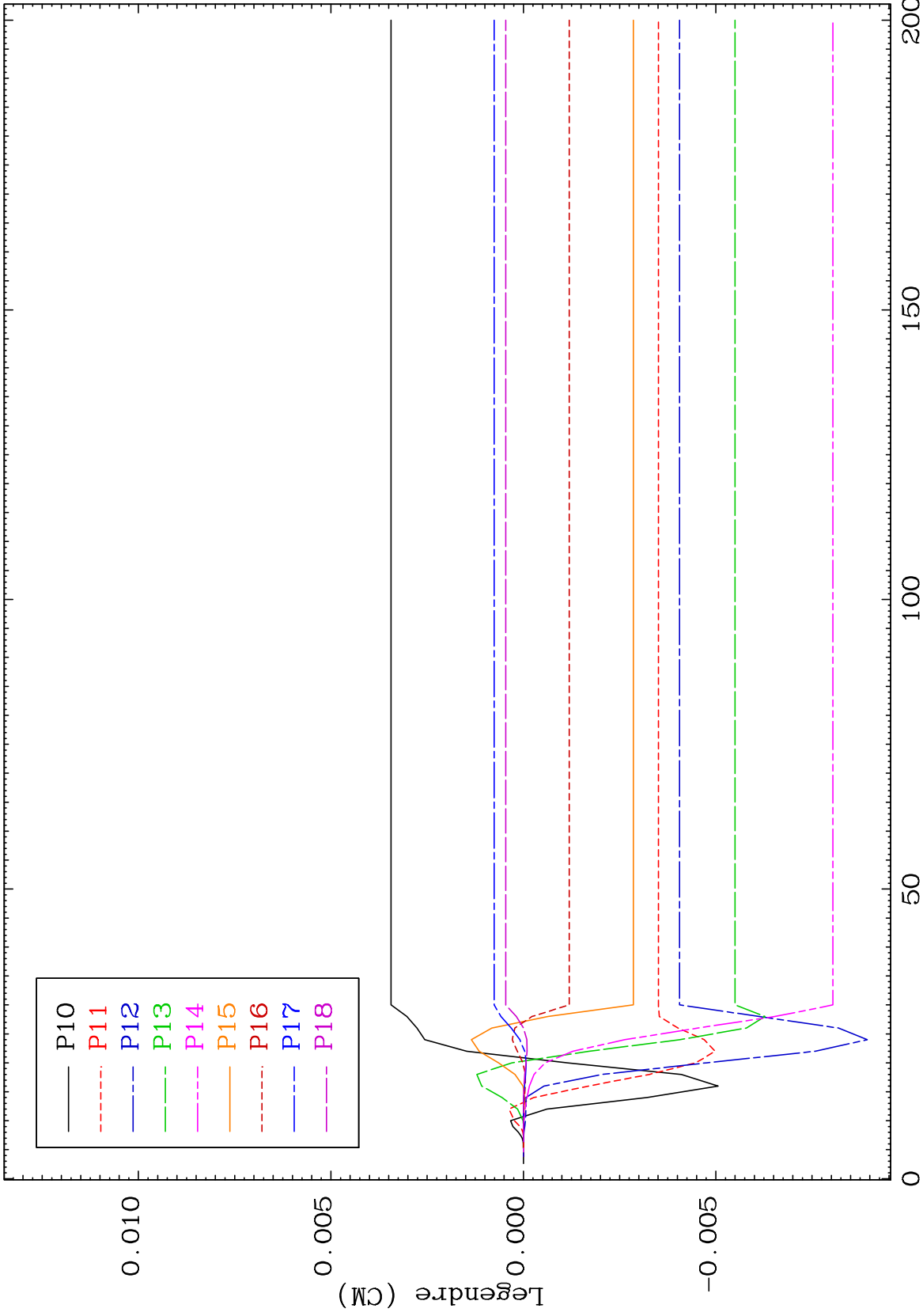


41 50-Sn-120

MAT 5049

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

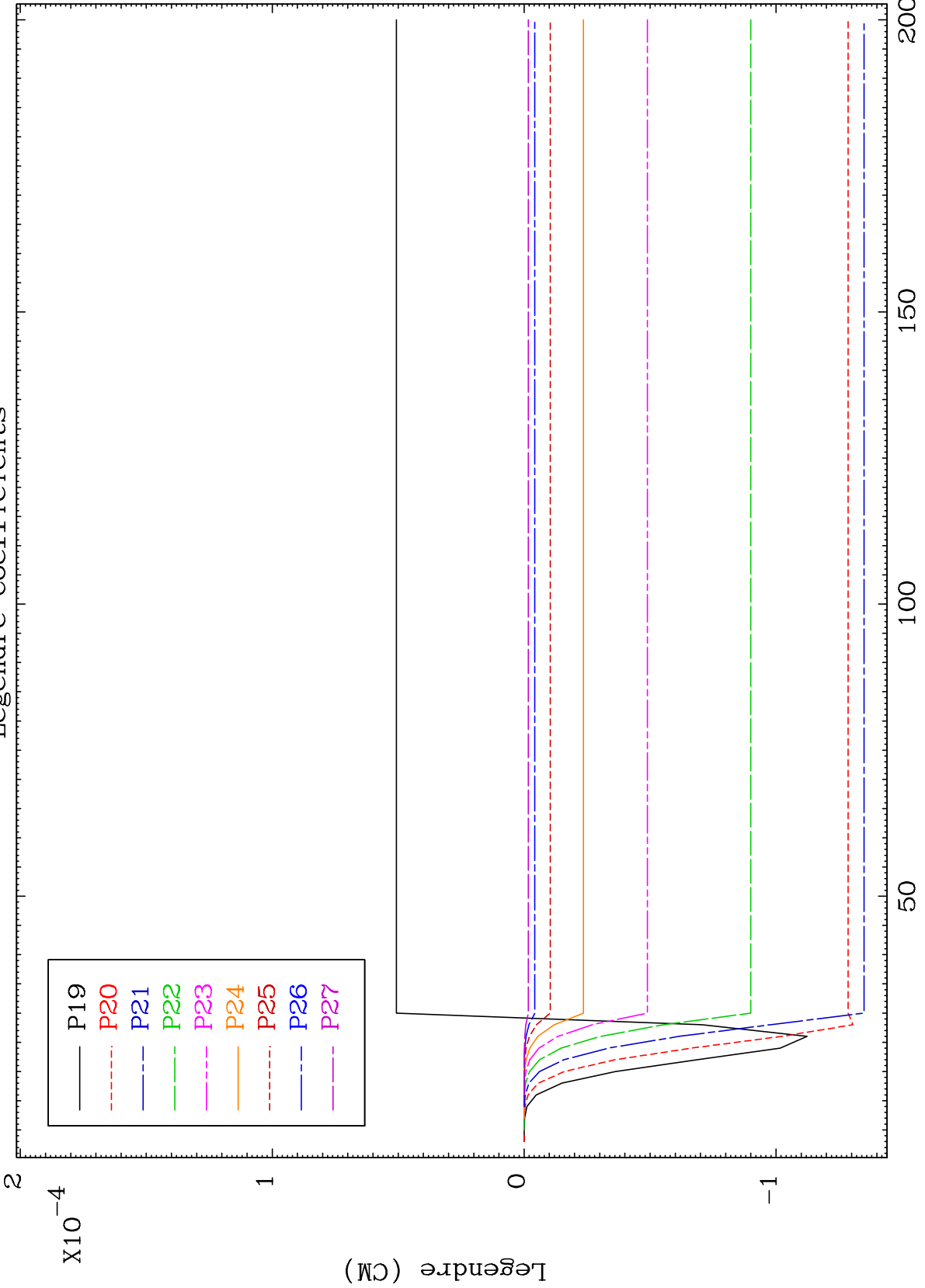
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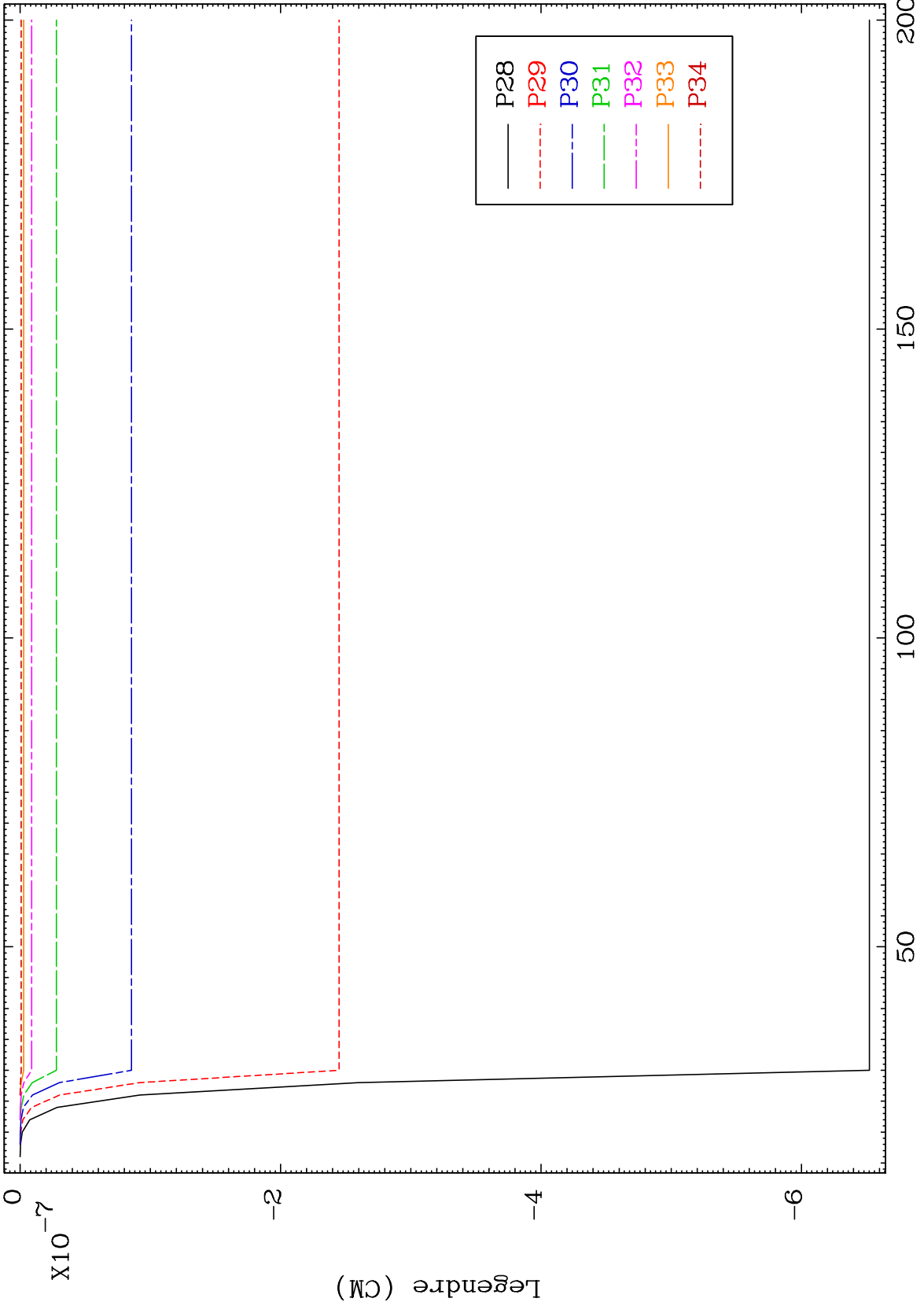
MAT 5049

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

50-Sn-120



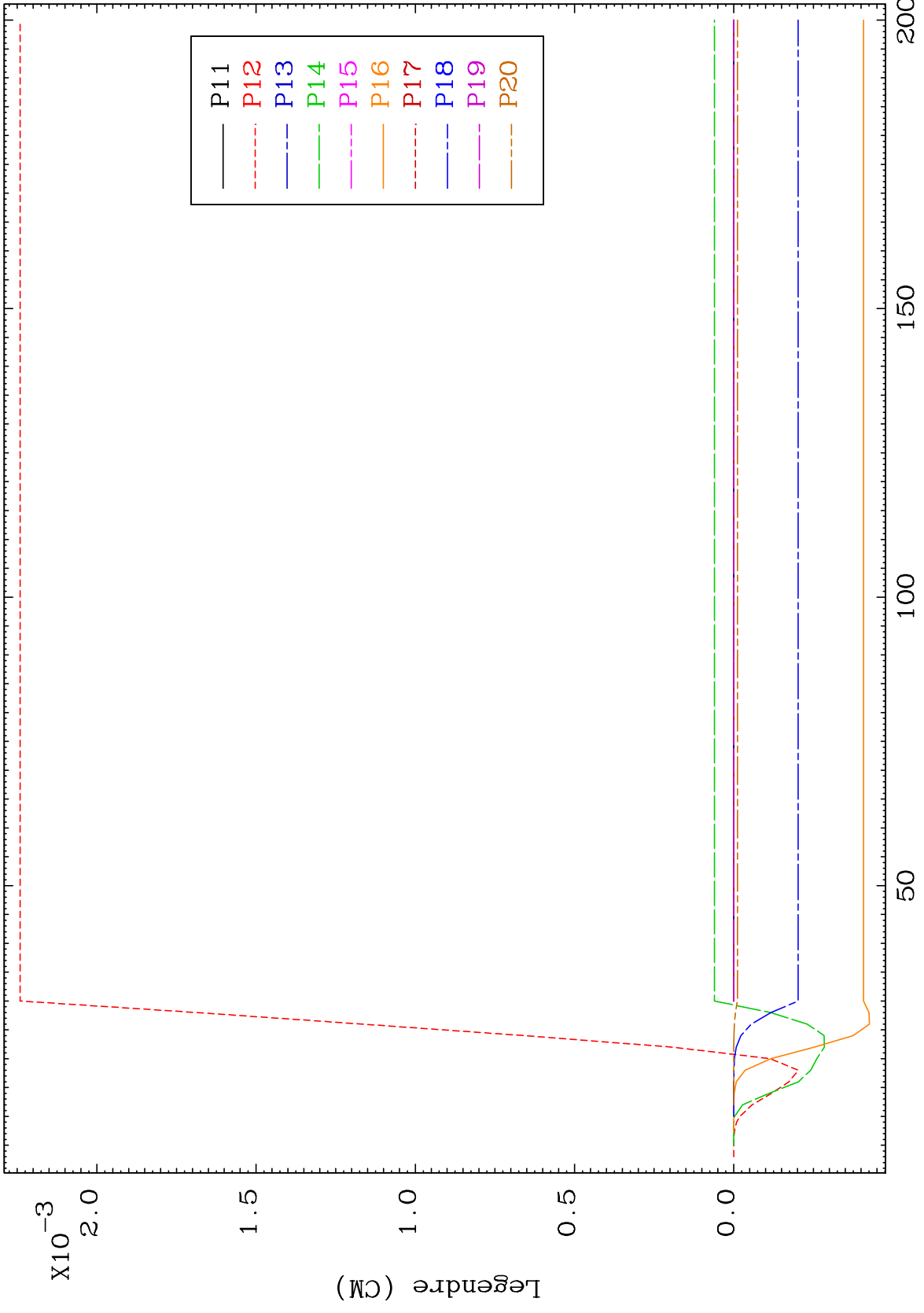
MAT 5049 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049

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

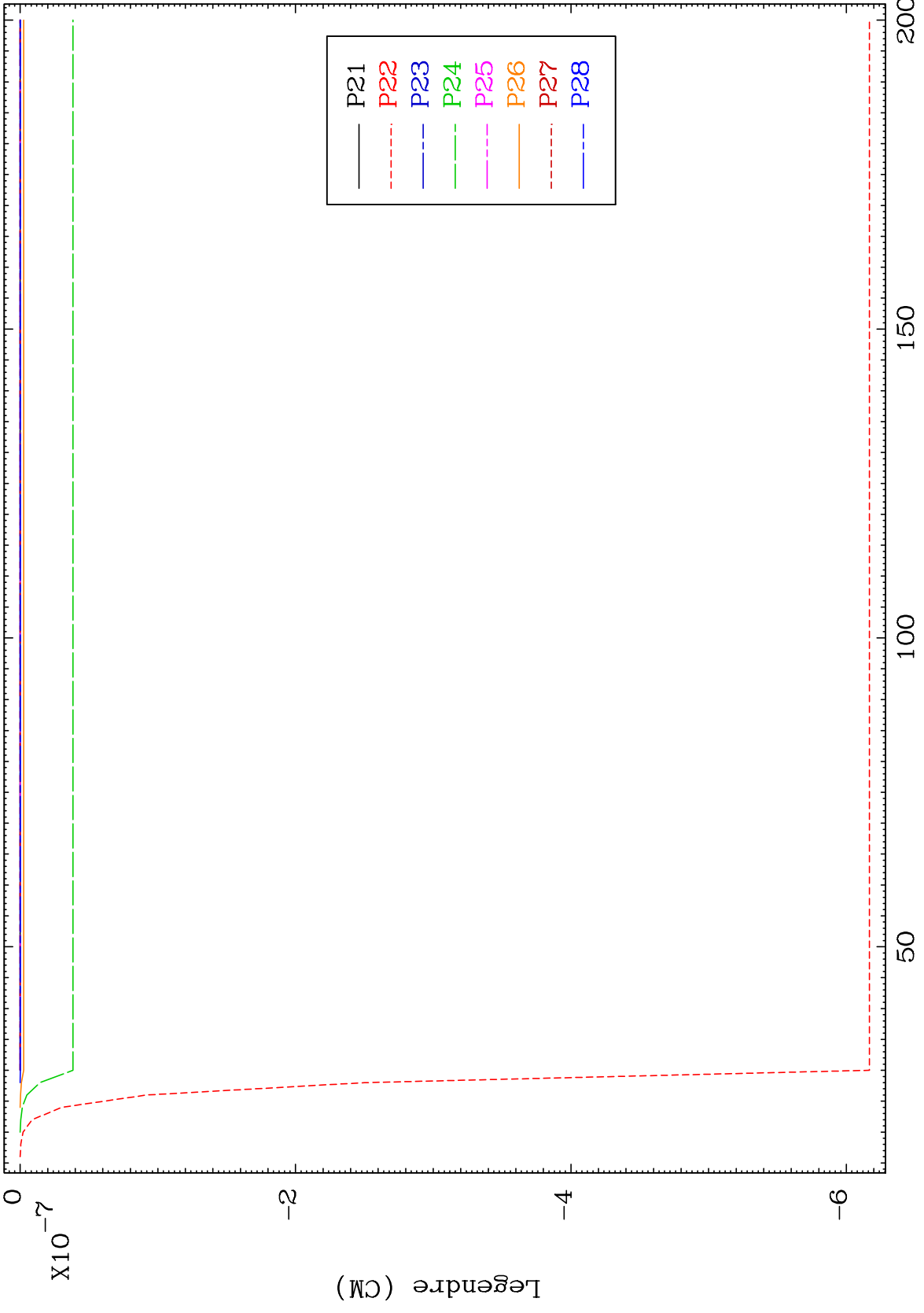
50-Sn-120



46

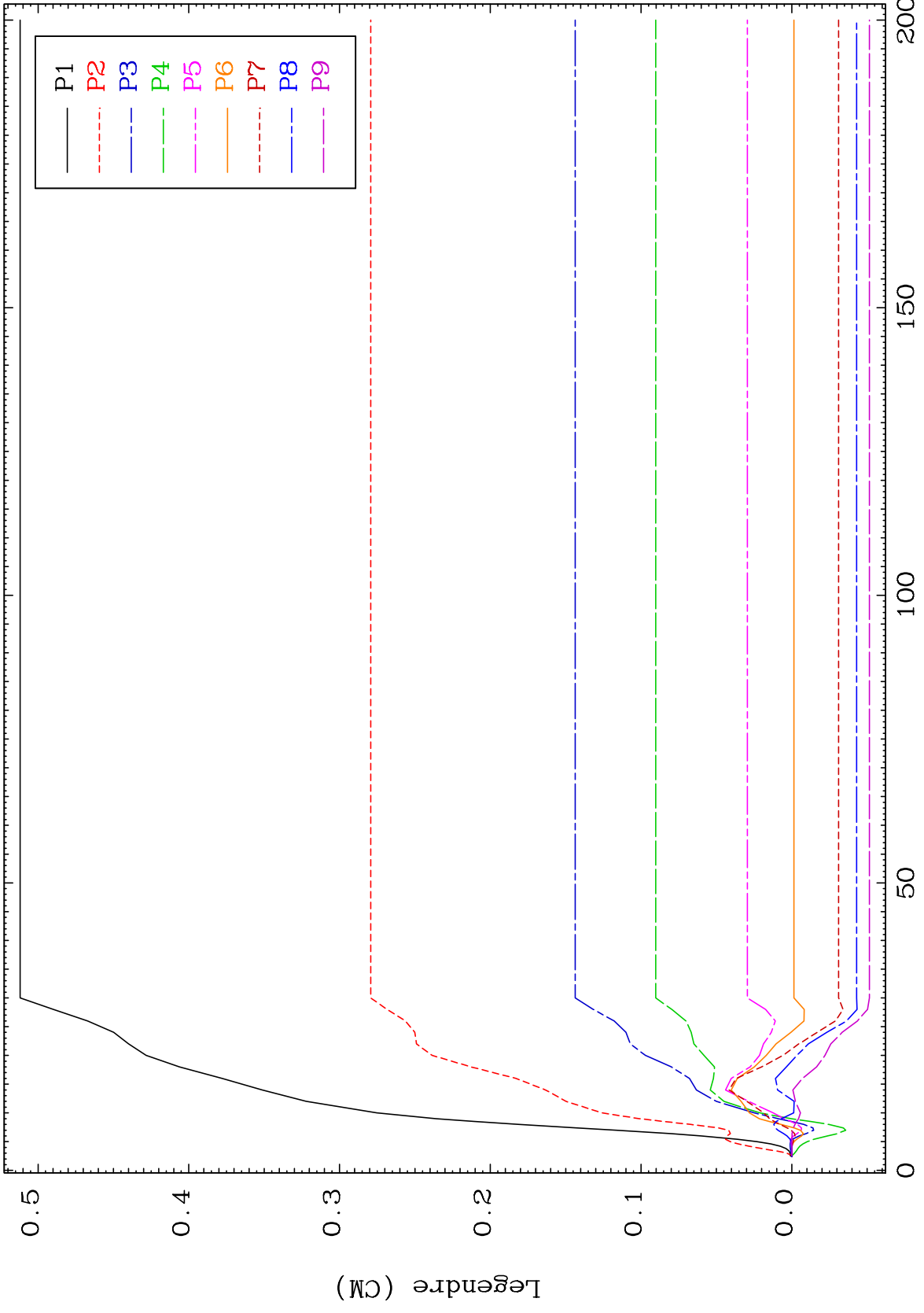
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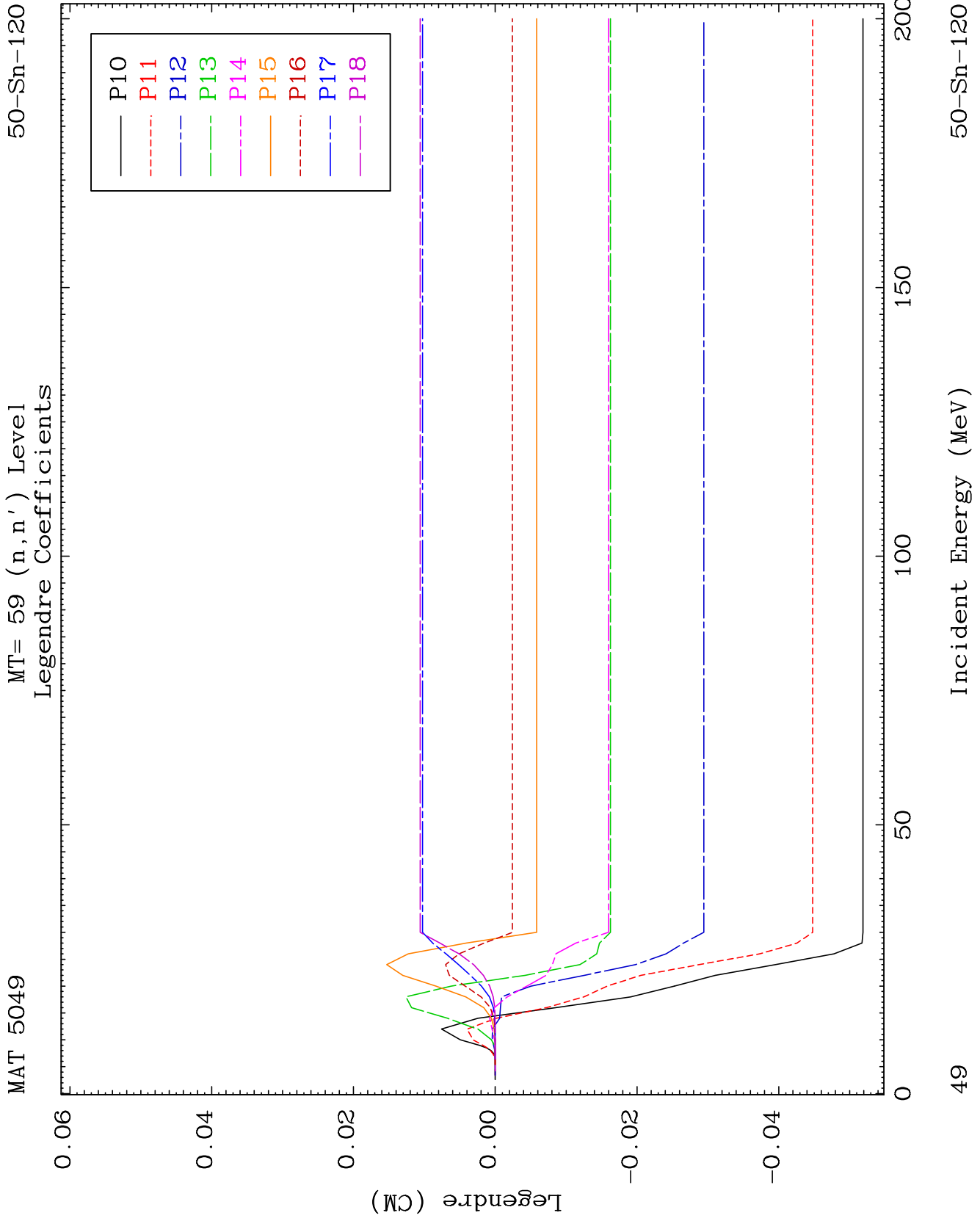
MAT 5049 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-120



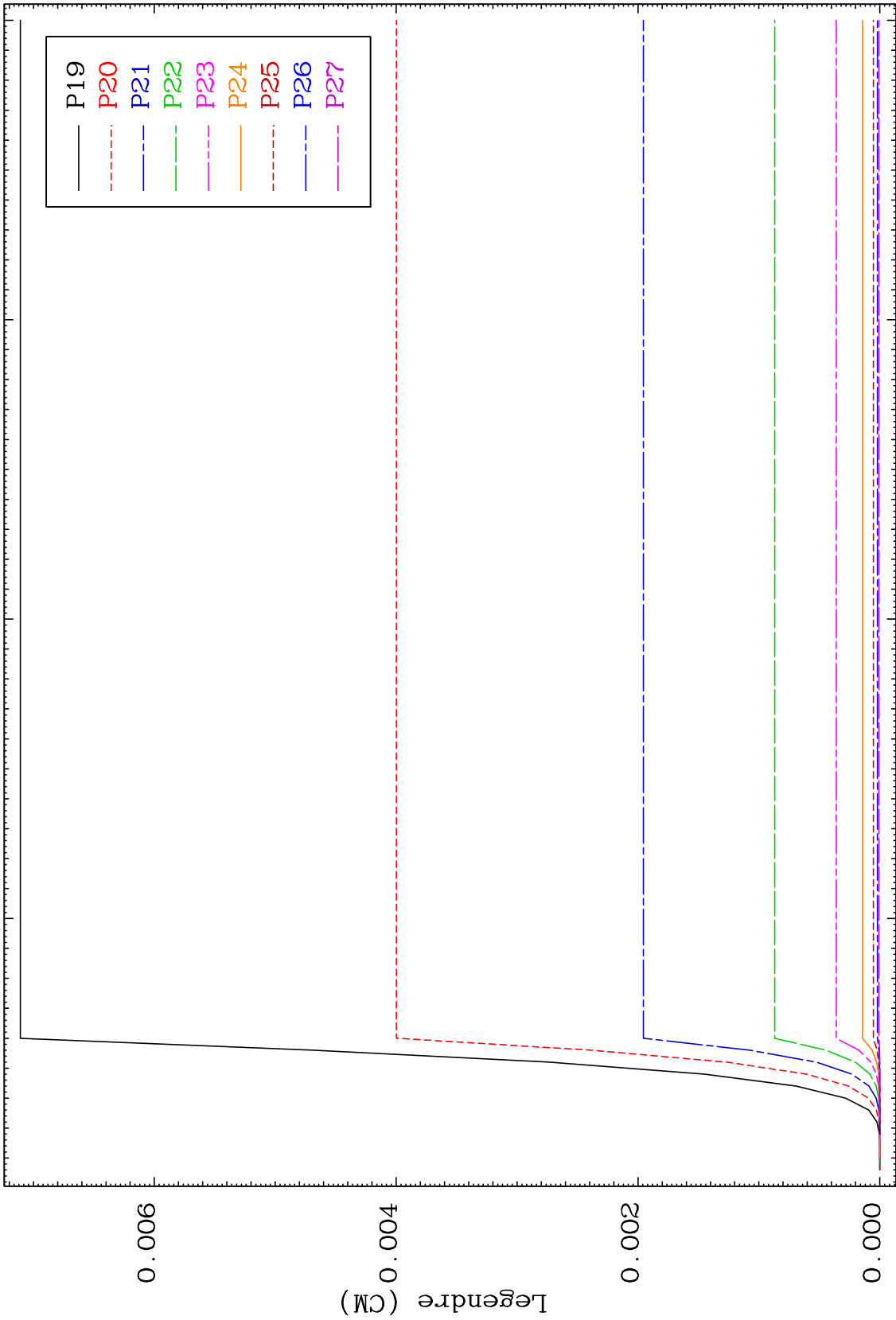
47

MAT 5049 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-120





MAT 5049 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-120

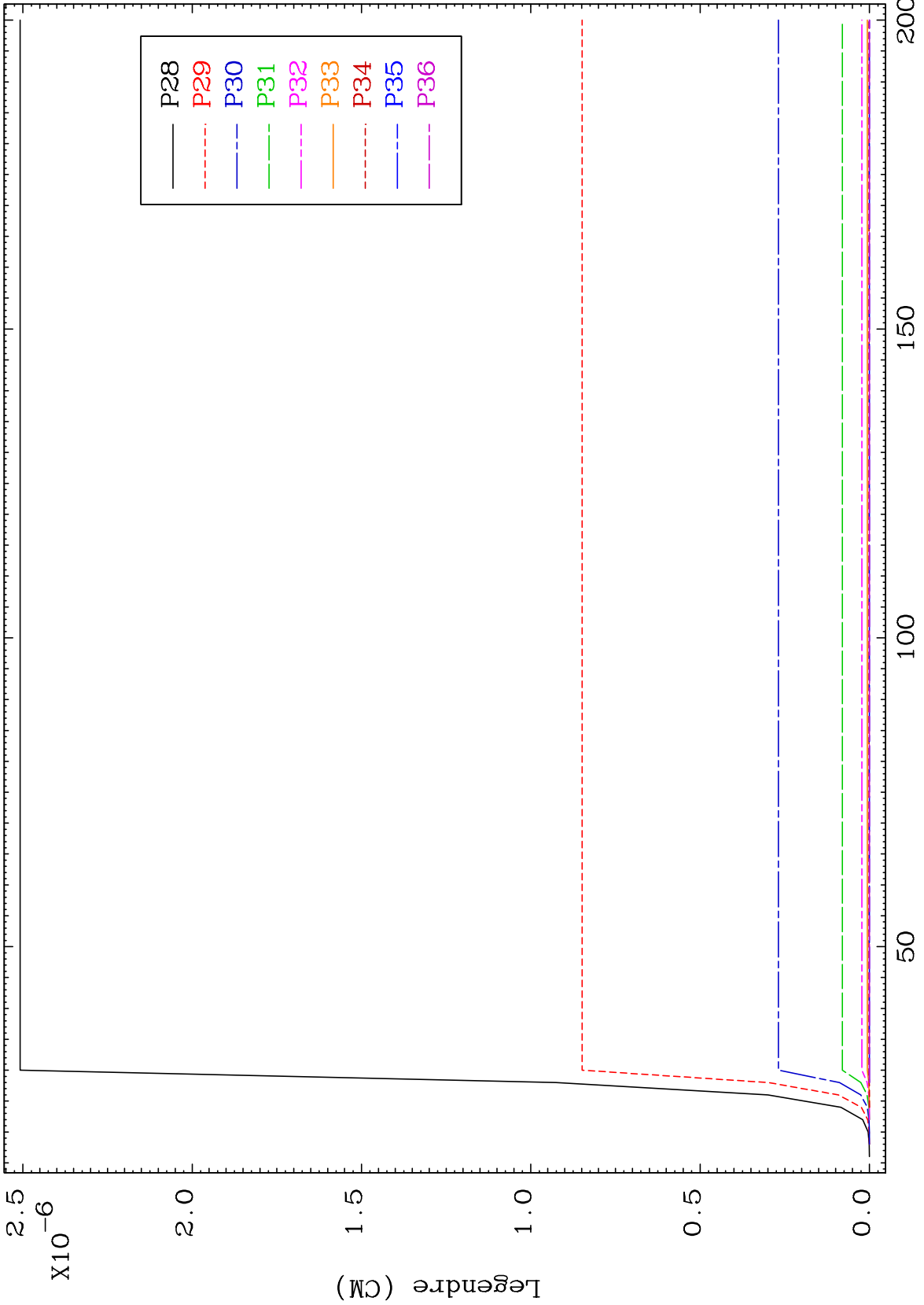


50-Sn-120

MAT 5049

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

50-Sn-120

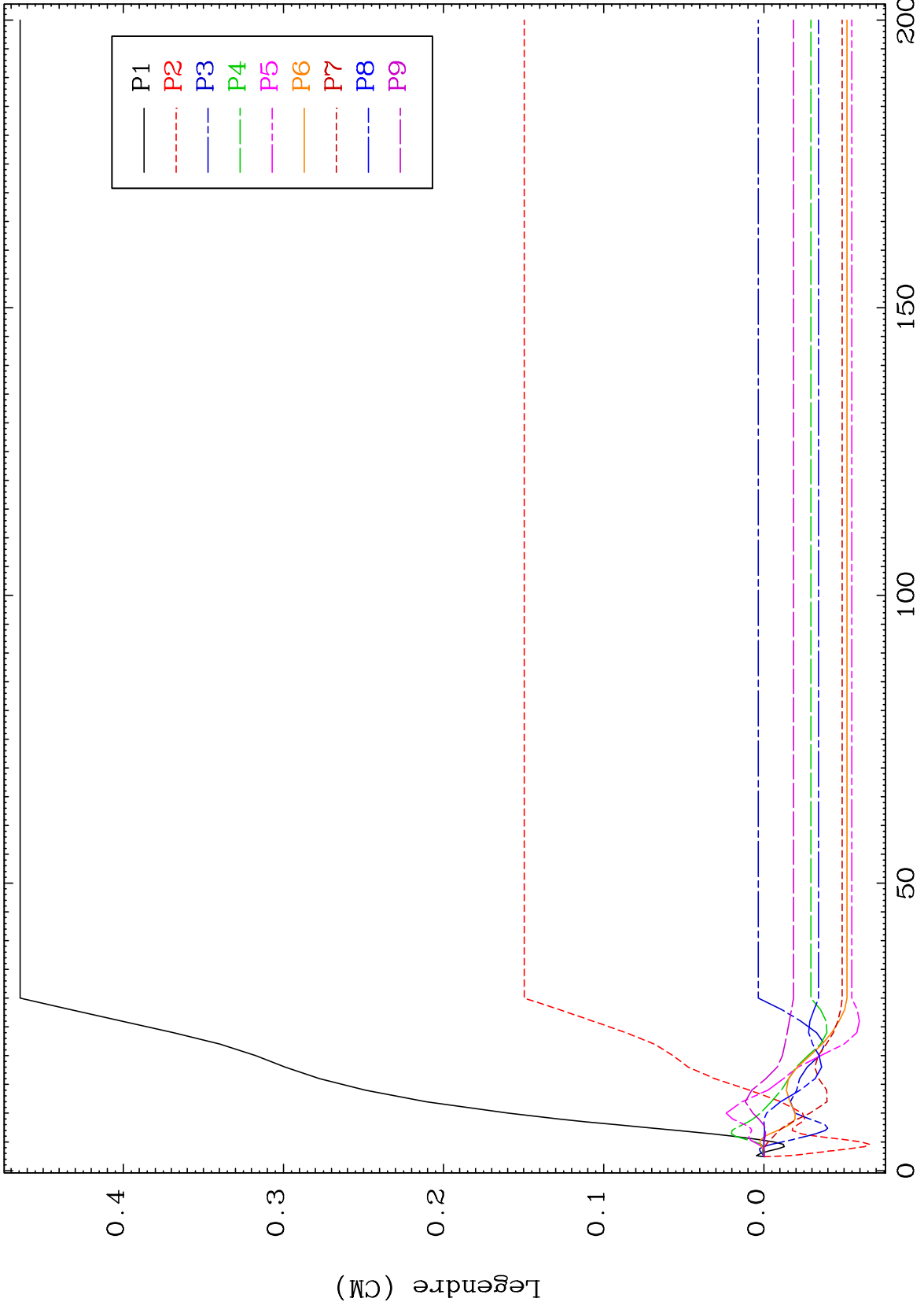


51

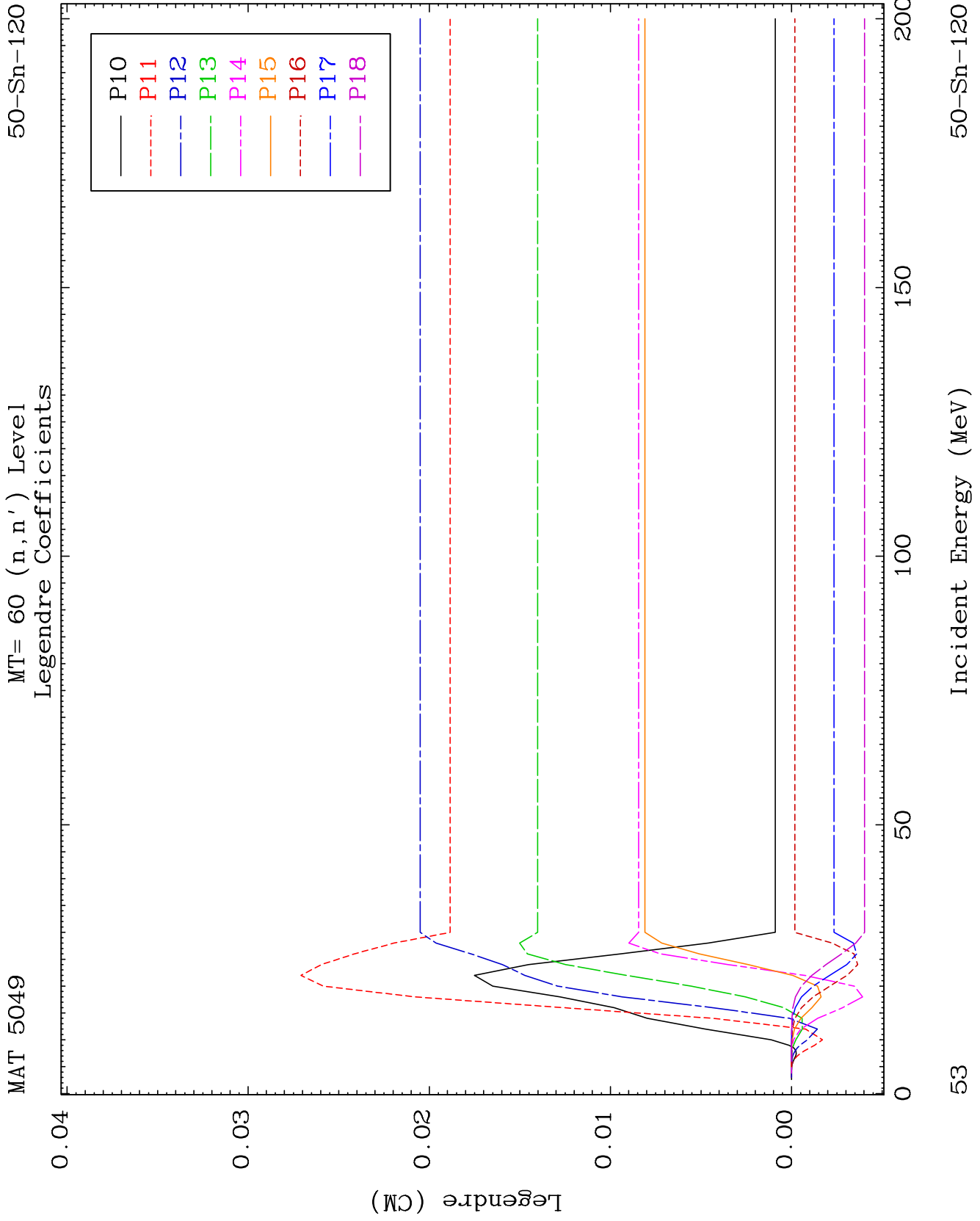
Incident Energy (MeV)

50-Sn-120

MAT 5049 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-120



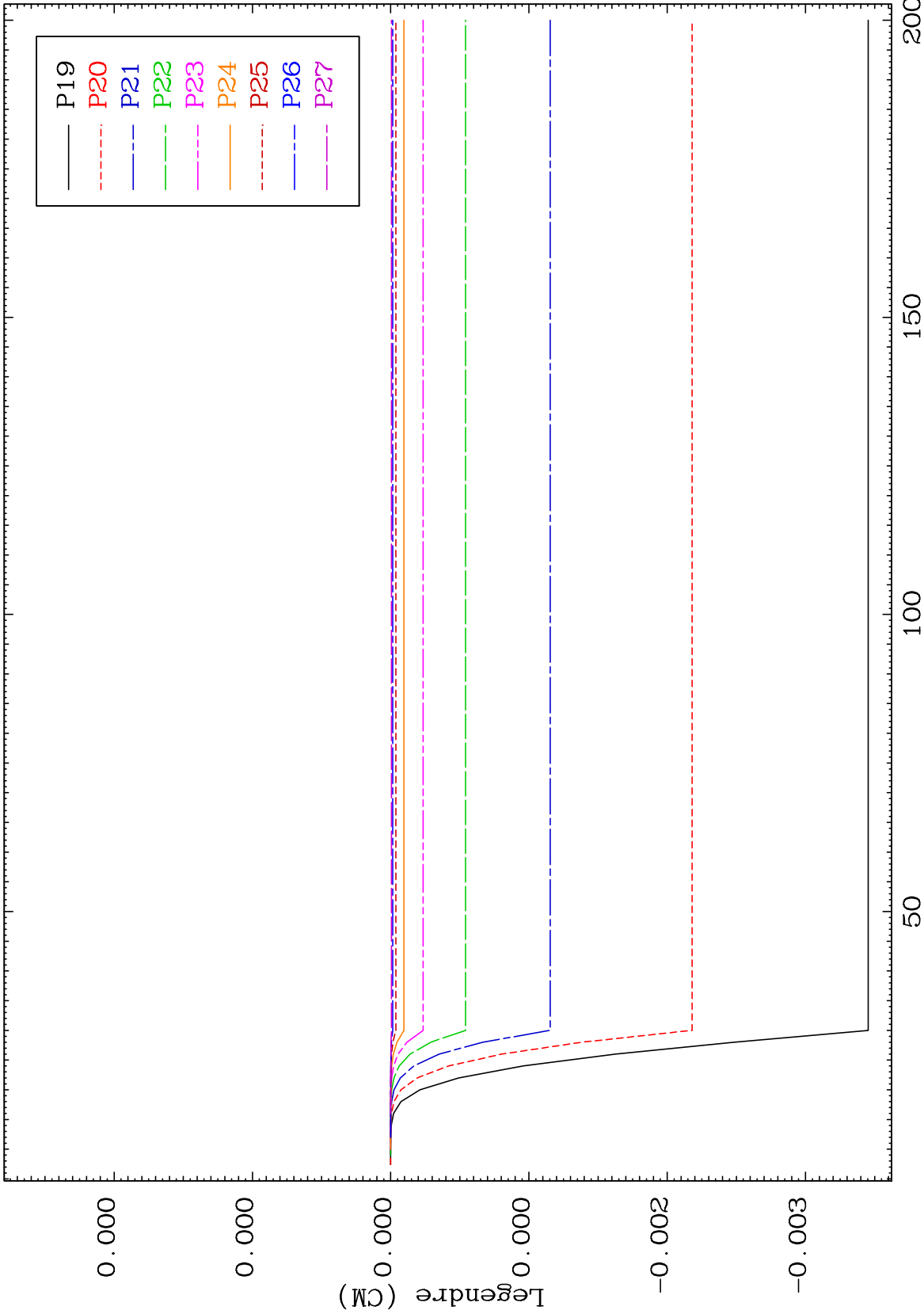
52 Incident Energy (MeV) 50-Sn-120



MAT 5049

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

50-Sn-120

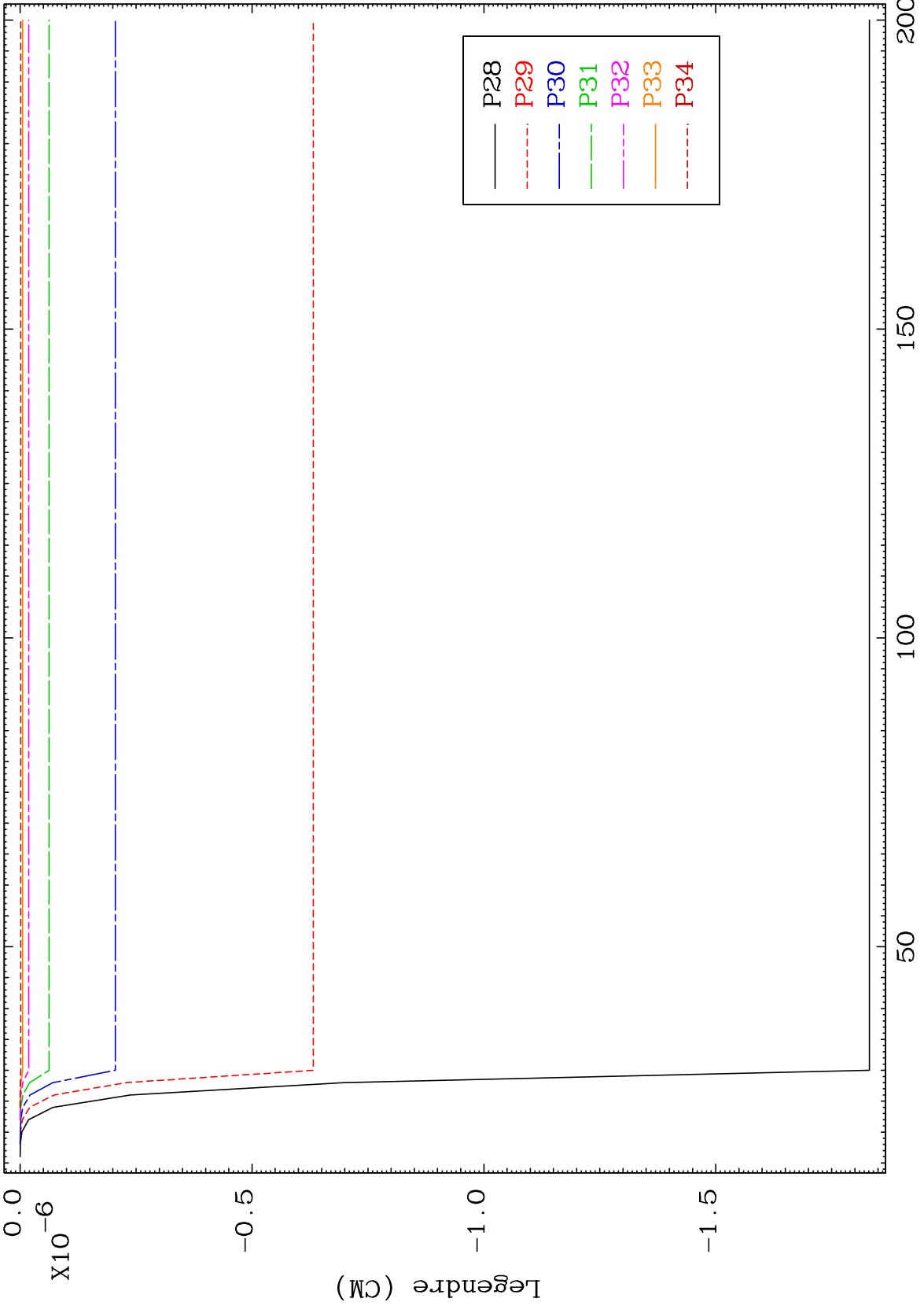


54

Incident Energy (MeV)

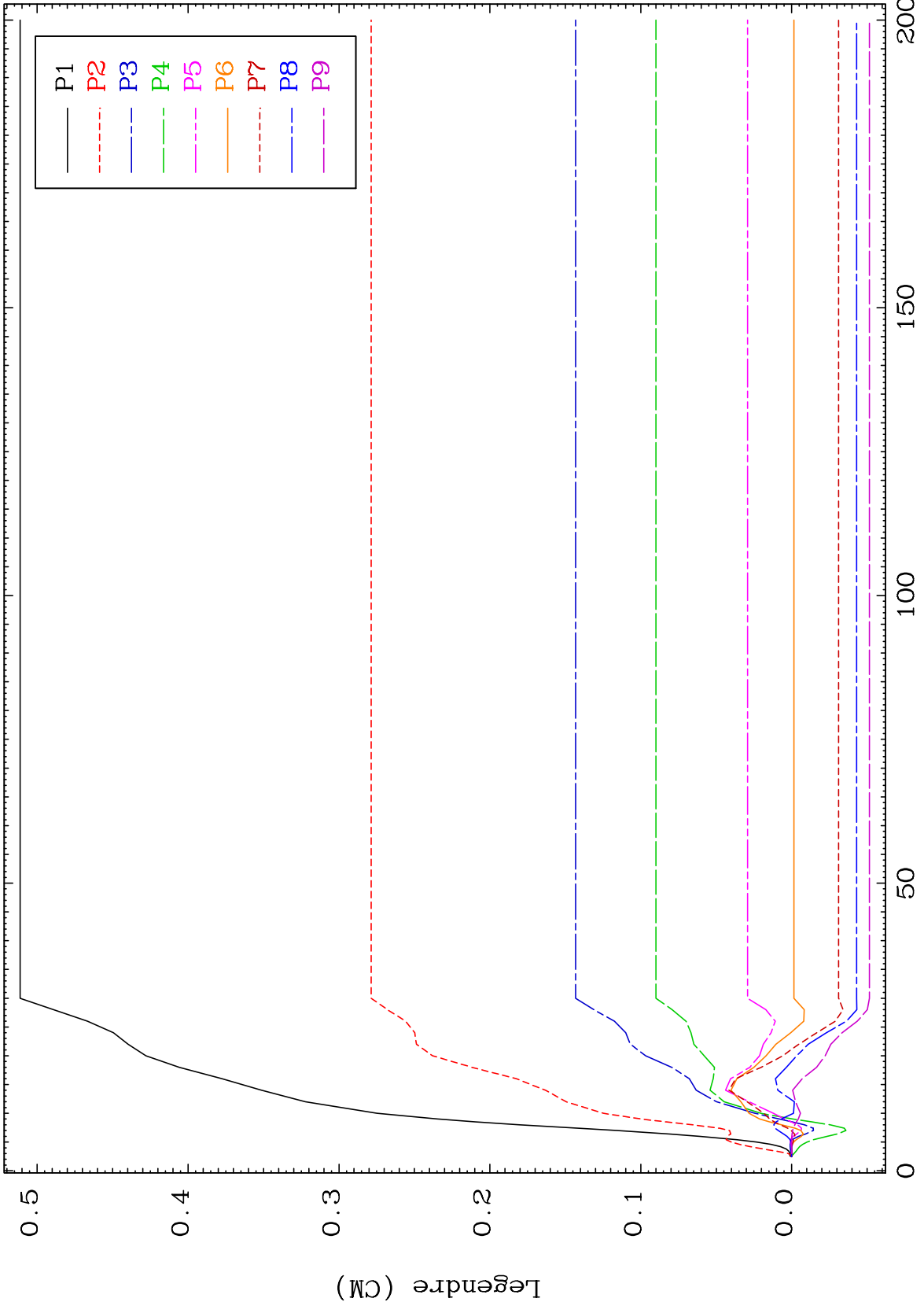
50-Sn-120

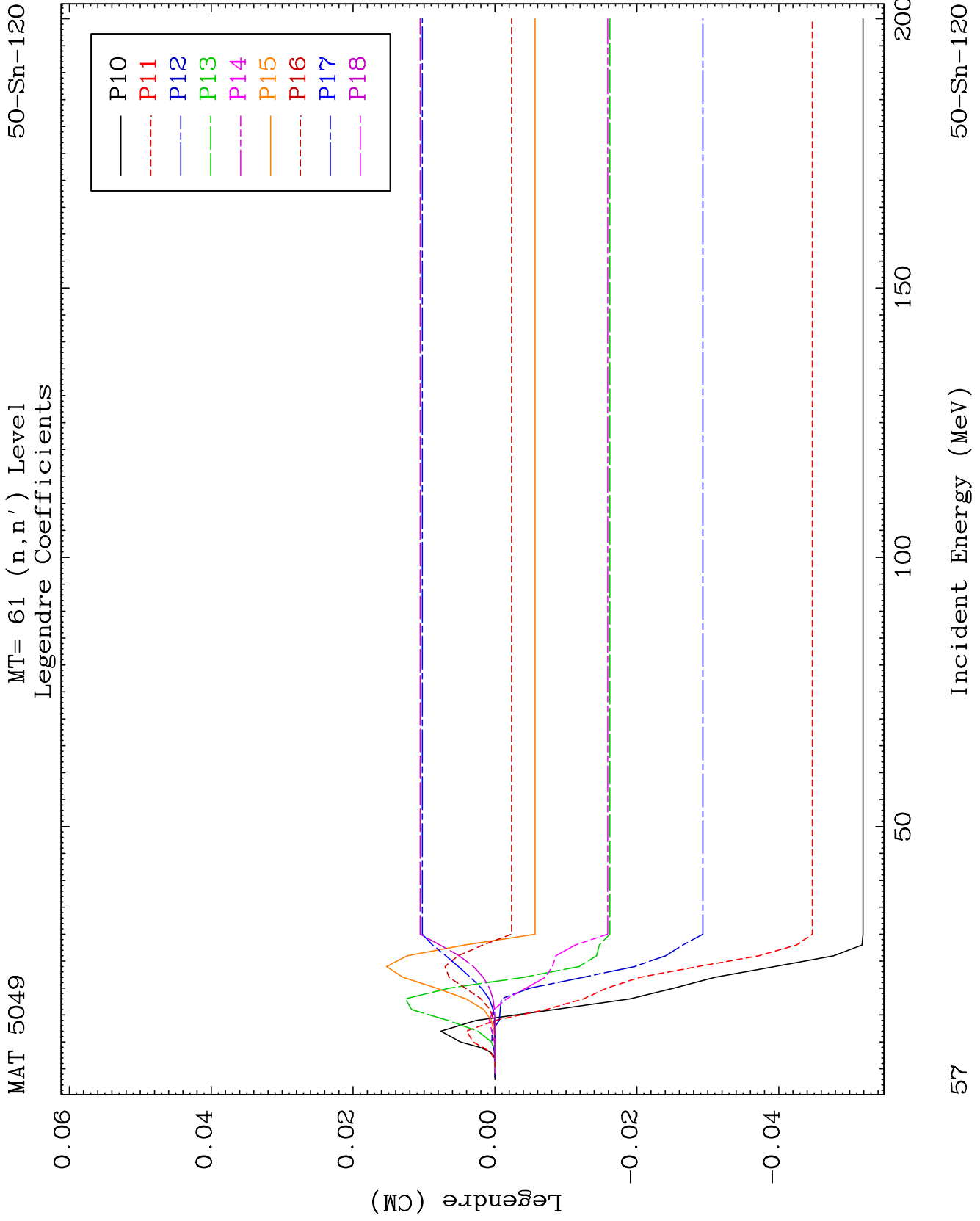
MAT 5049 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-120



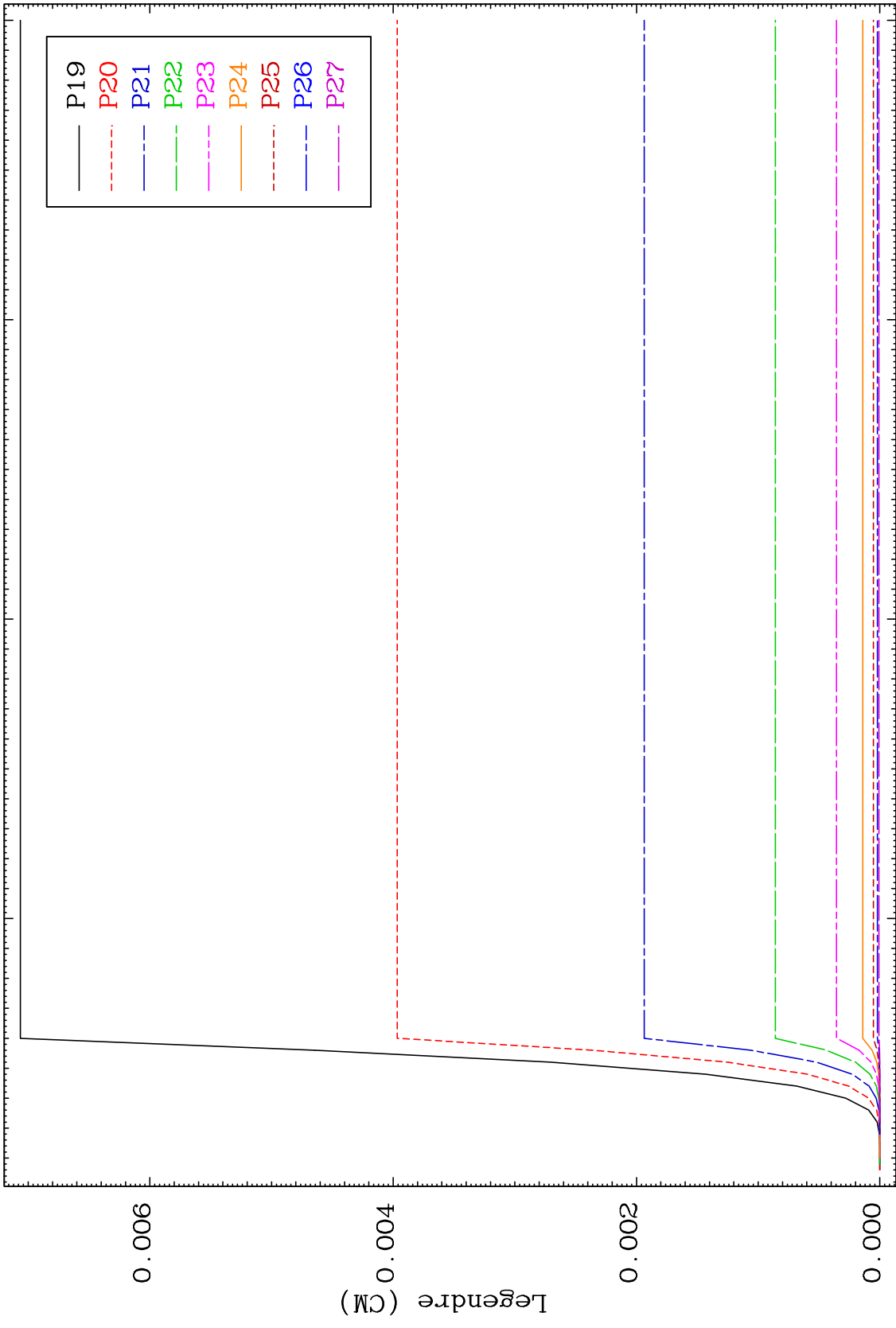
55 50-Sn-120

MAT 5049 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-120





MAT 5049 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-120

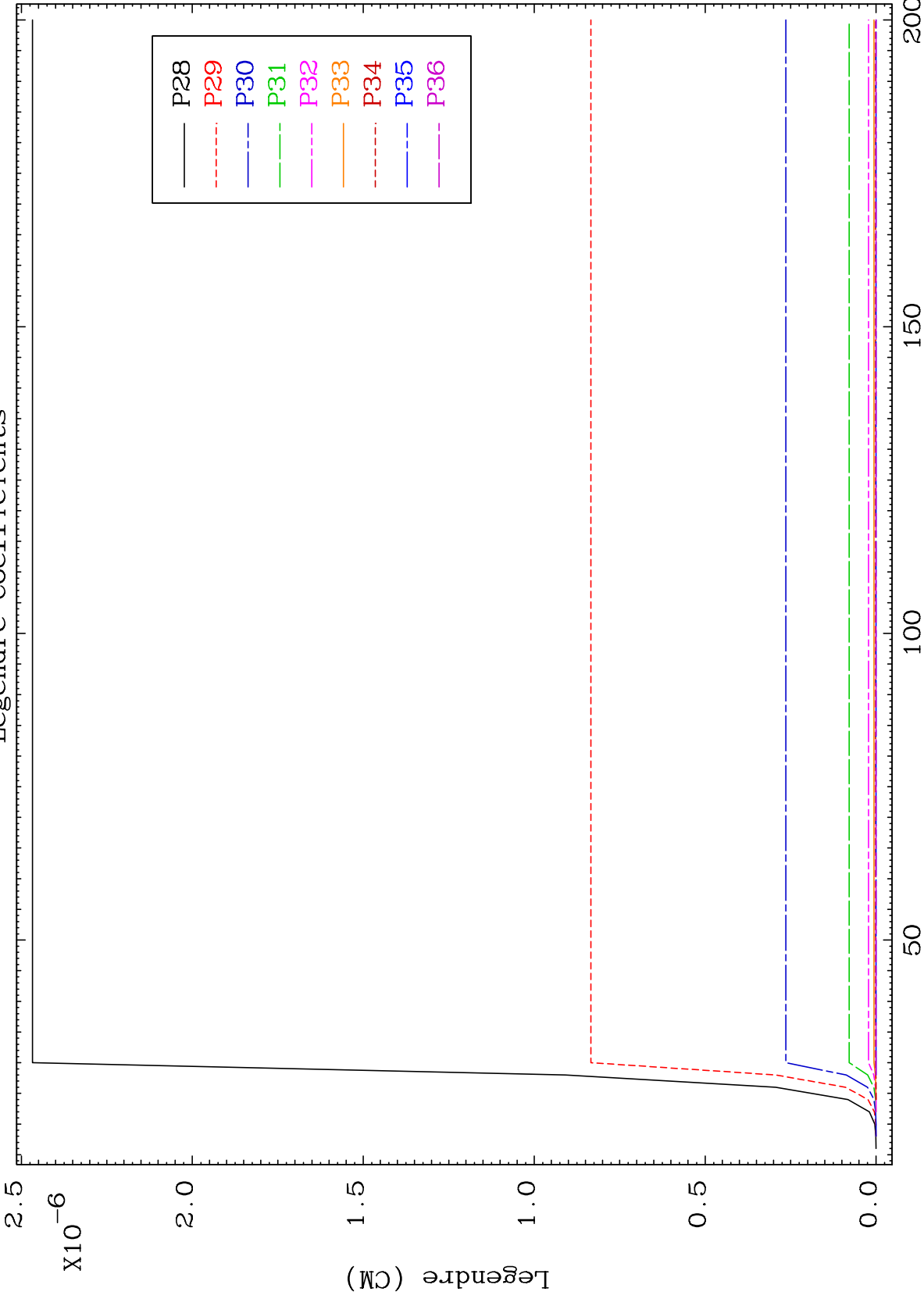


58 Incident Energy (MeV) 50-Sn-120

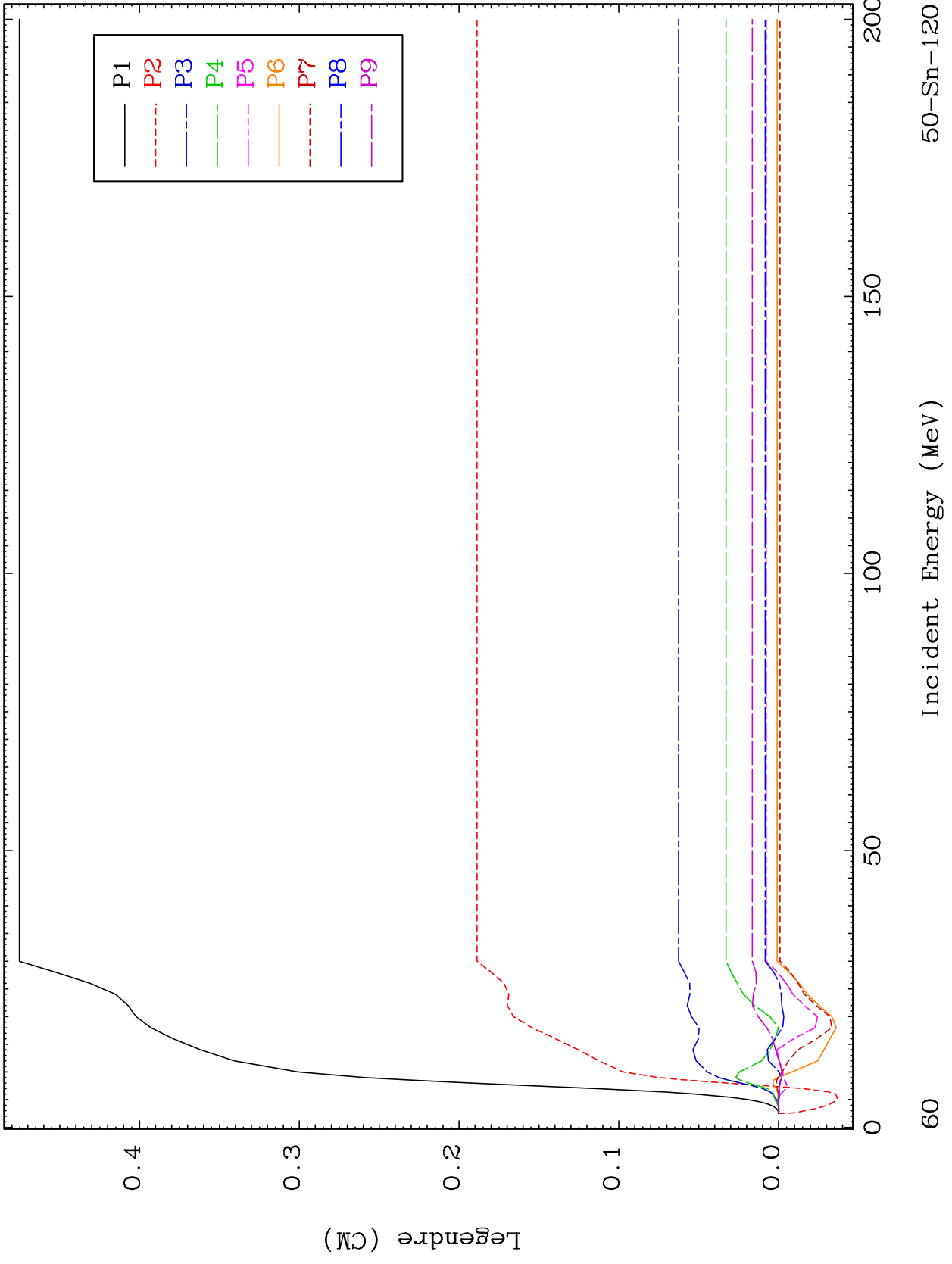
MAT 5049

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

50-Sn-120



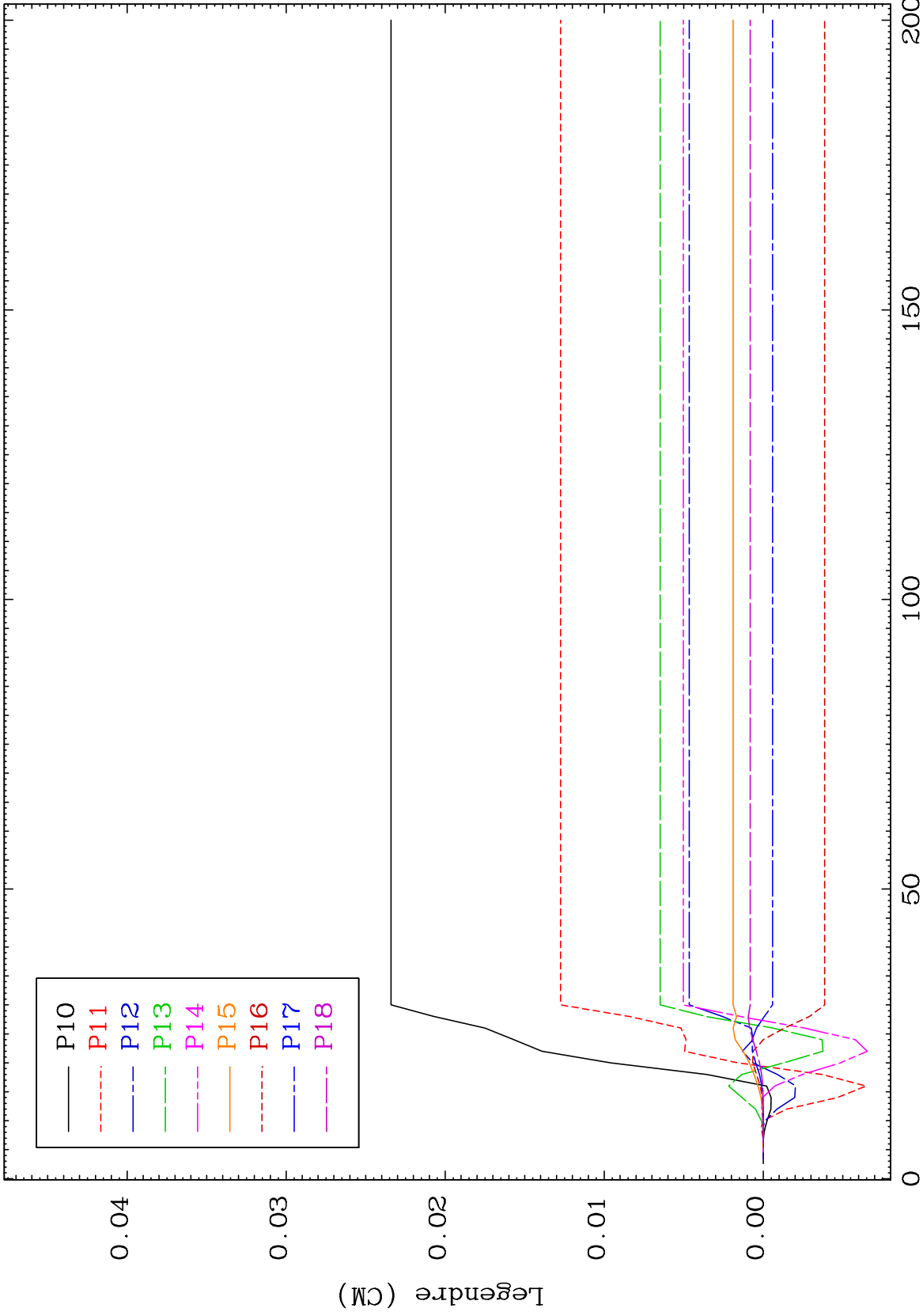
MAT 5049 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049

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

50-Sn-120



61

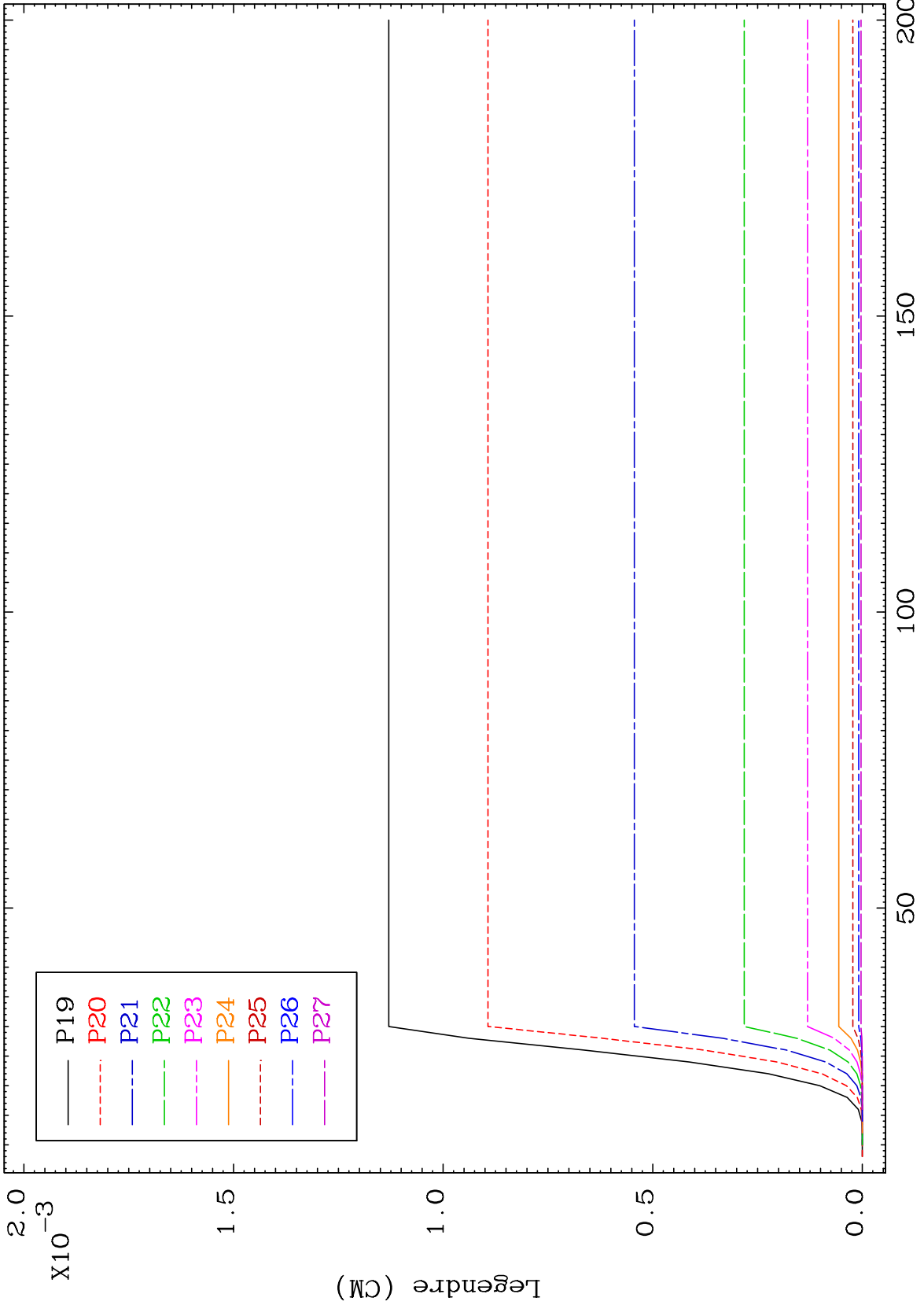
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



62

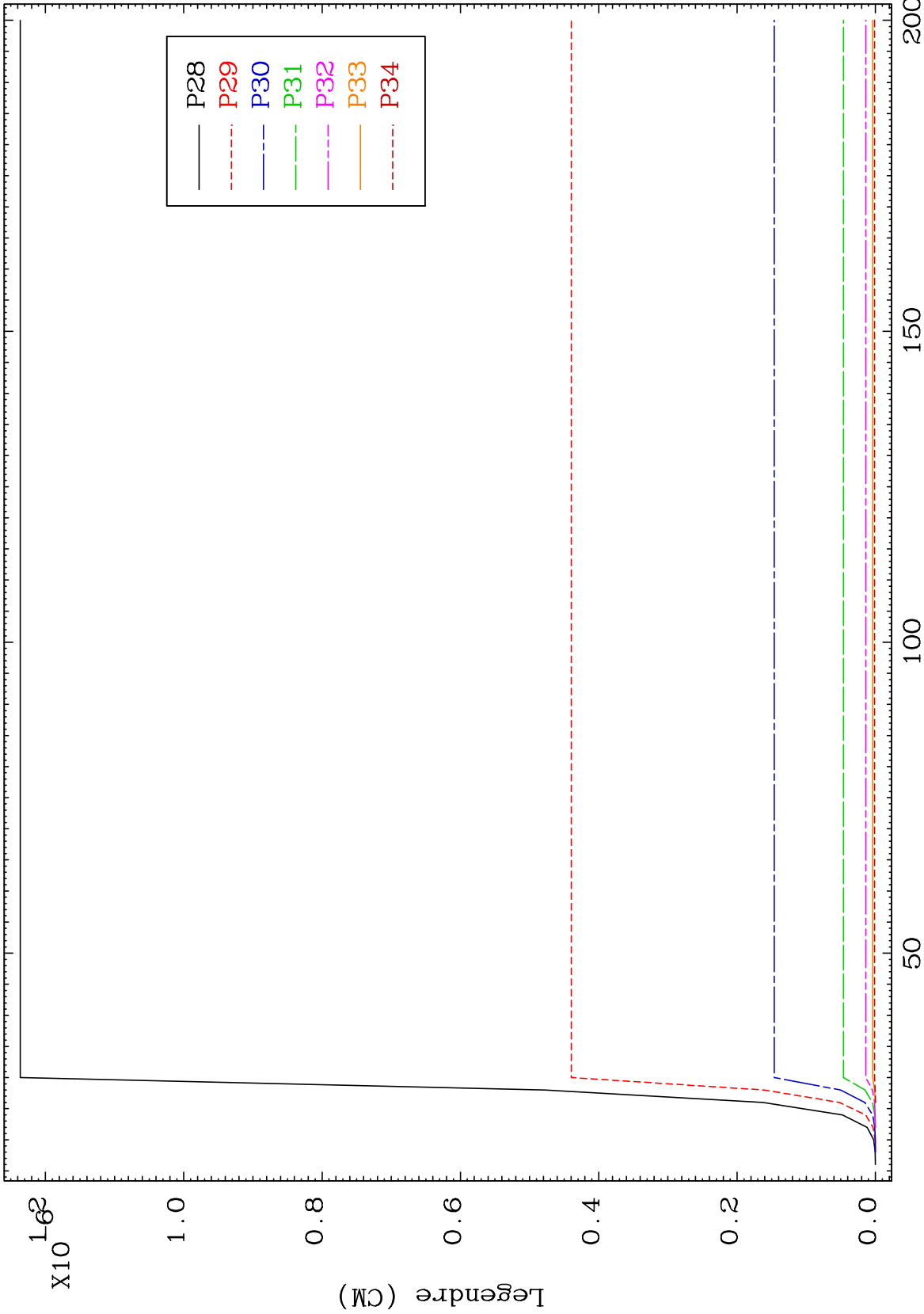
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120

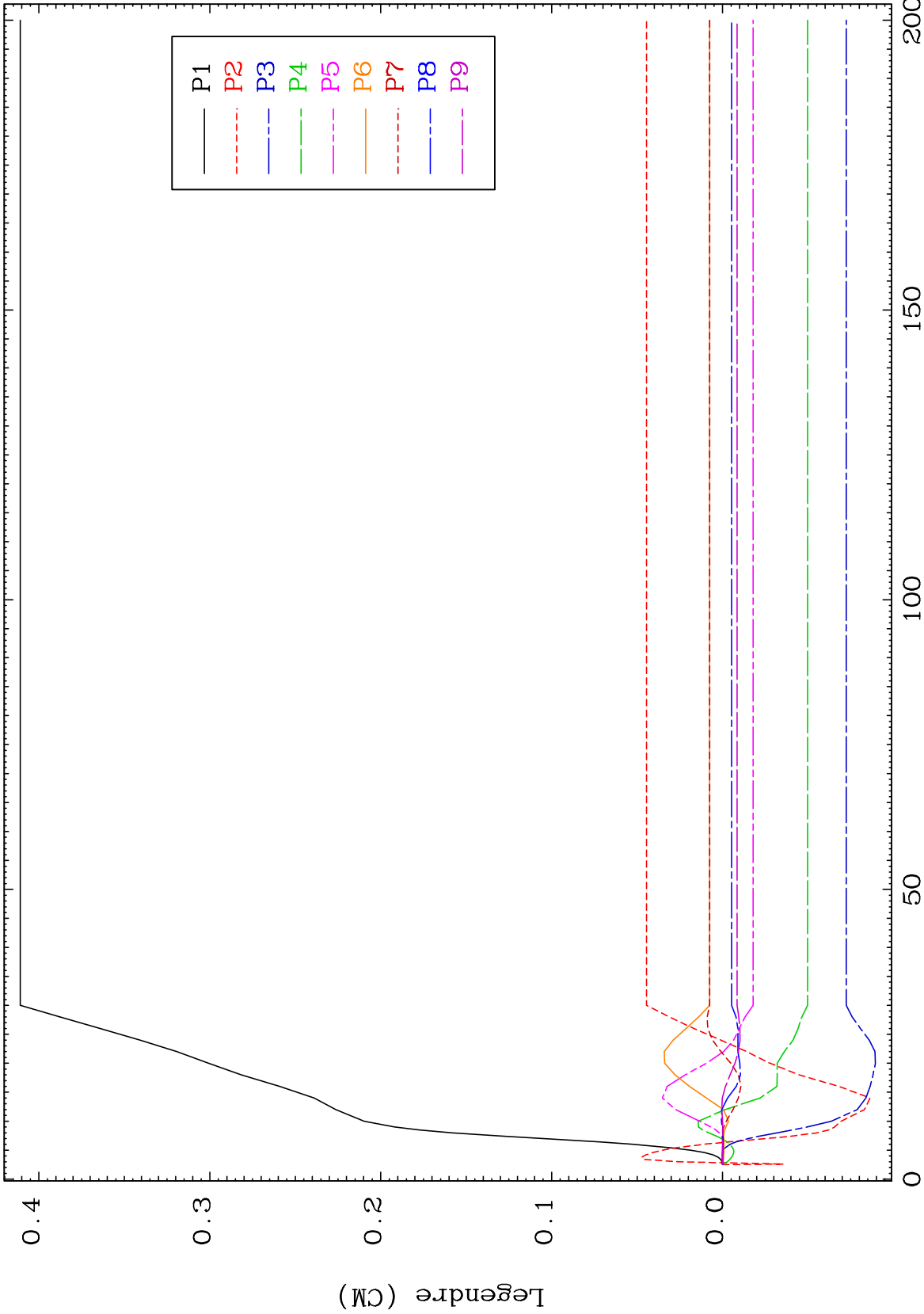


63

50-Sn-120

MAT 5049 MT= 63 (n,n') Level Legendre Coefficients

50-Sn-120



64

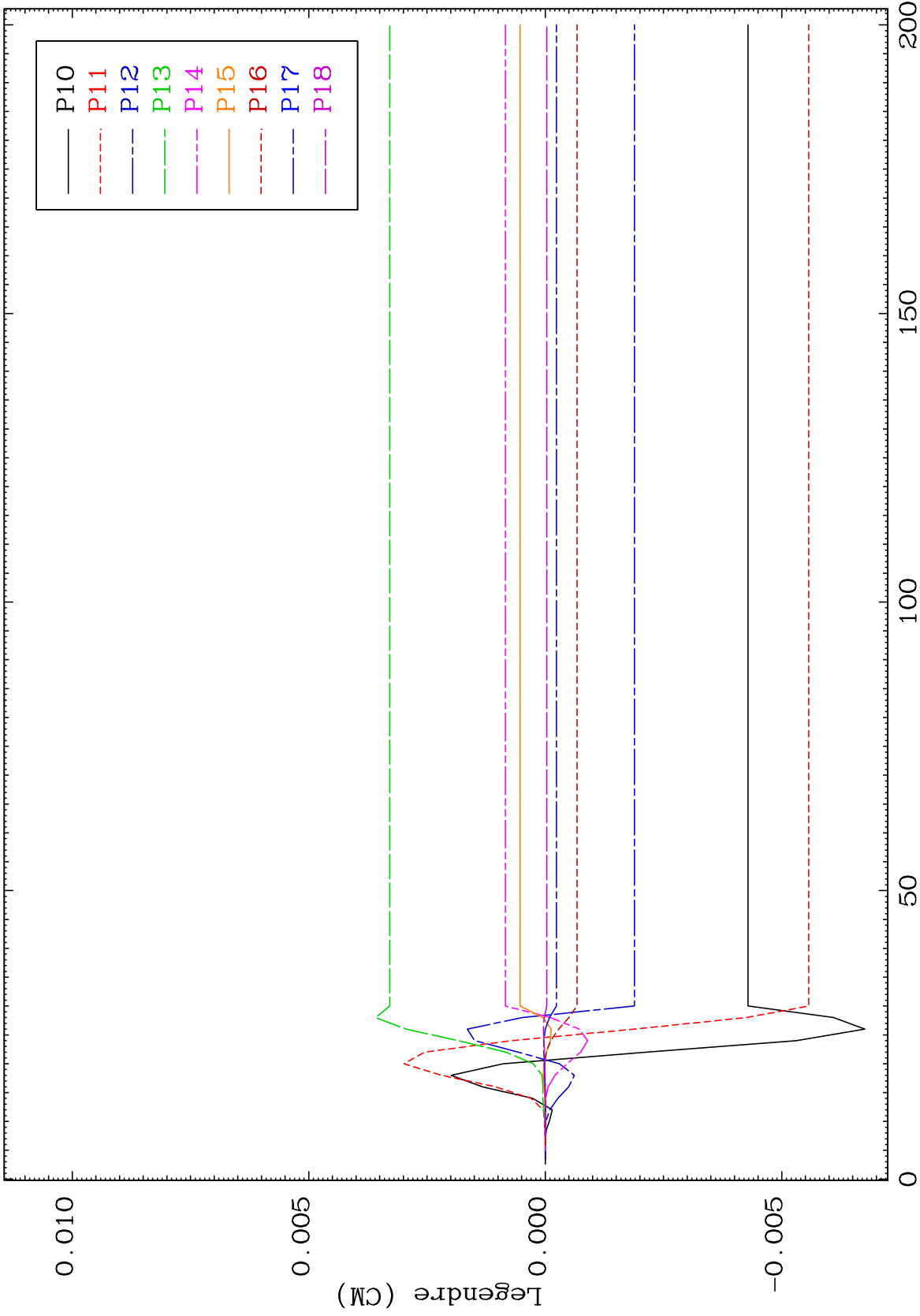
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



65

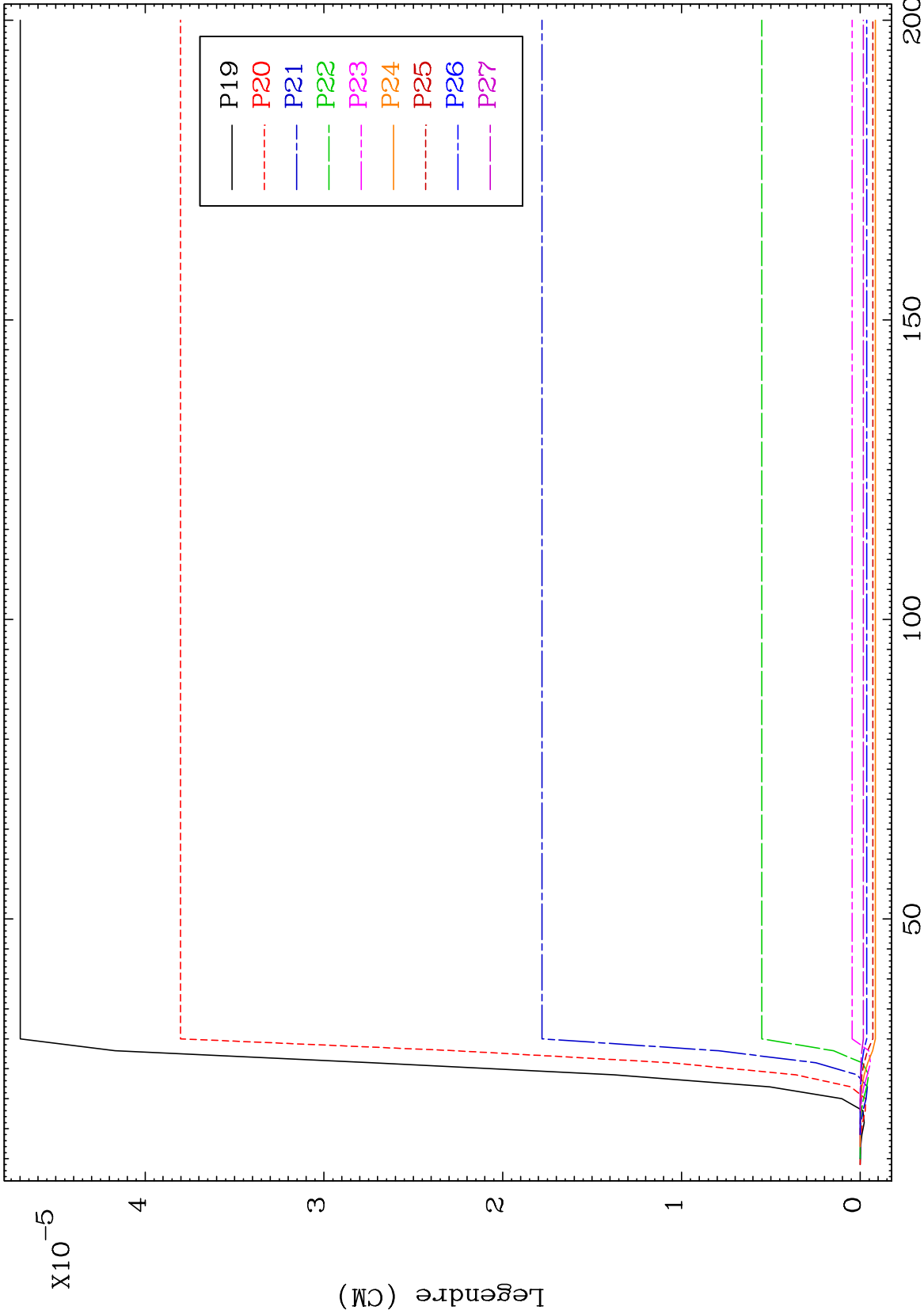
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120

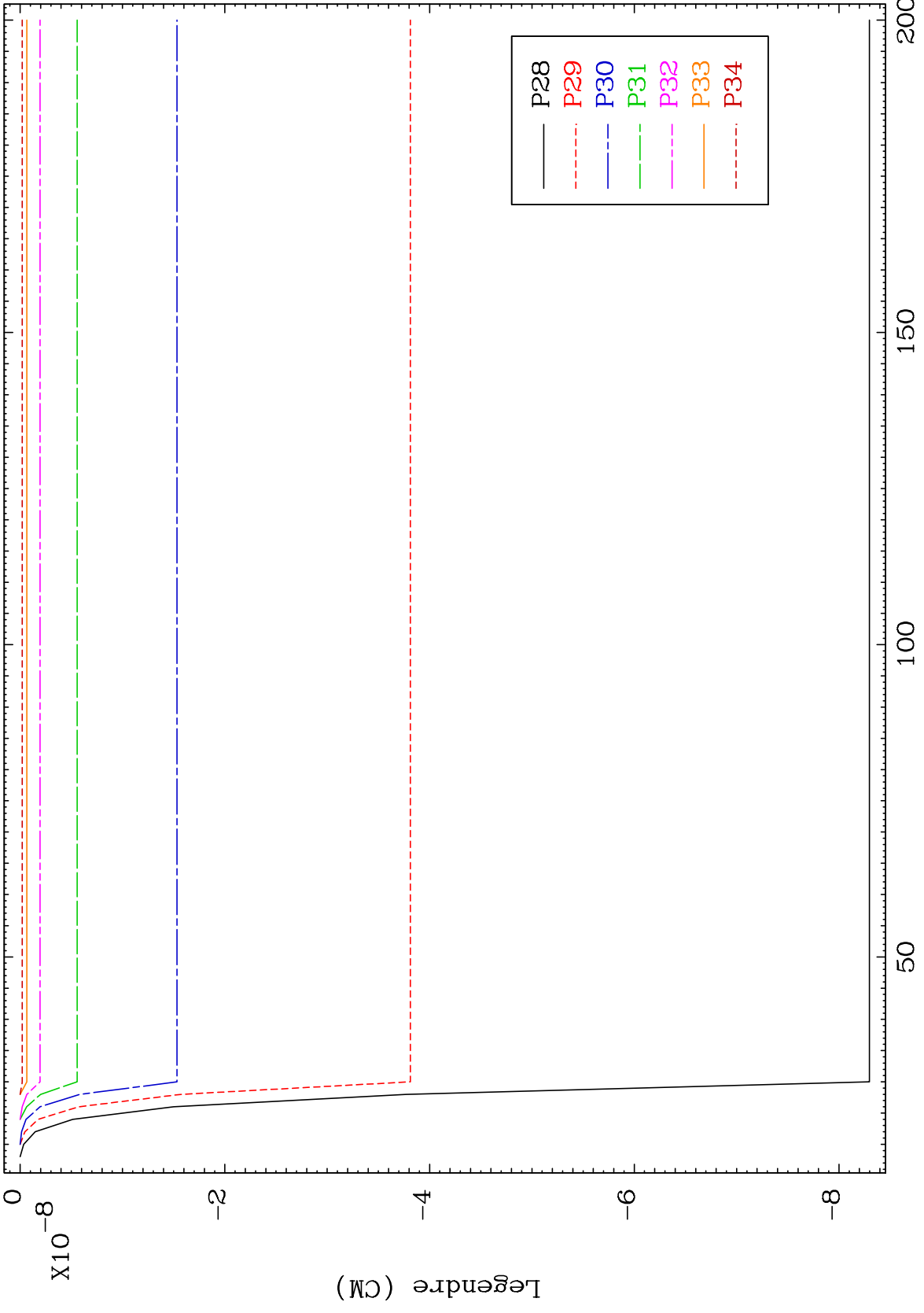


66

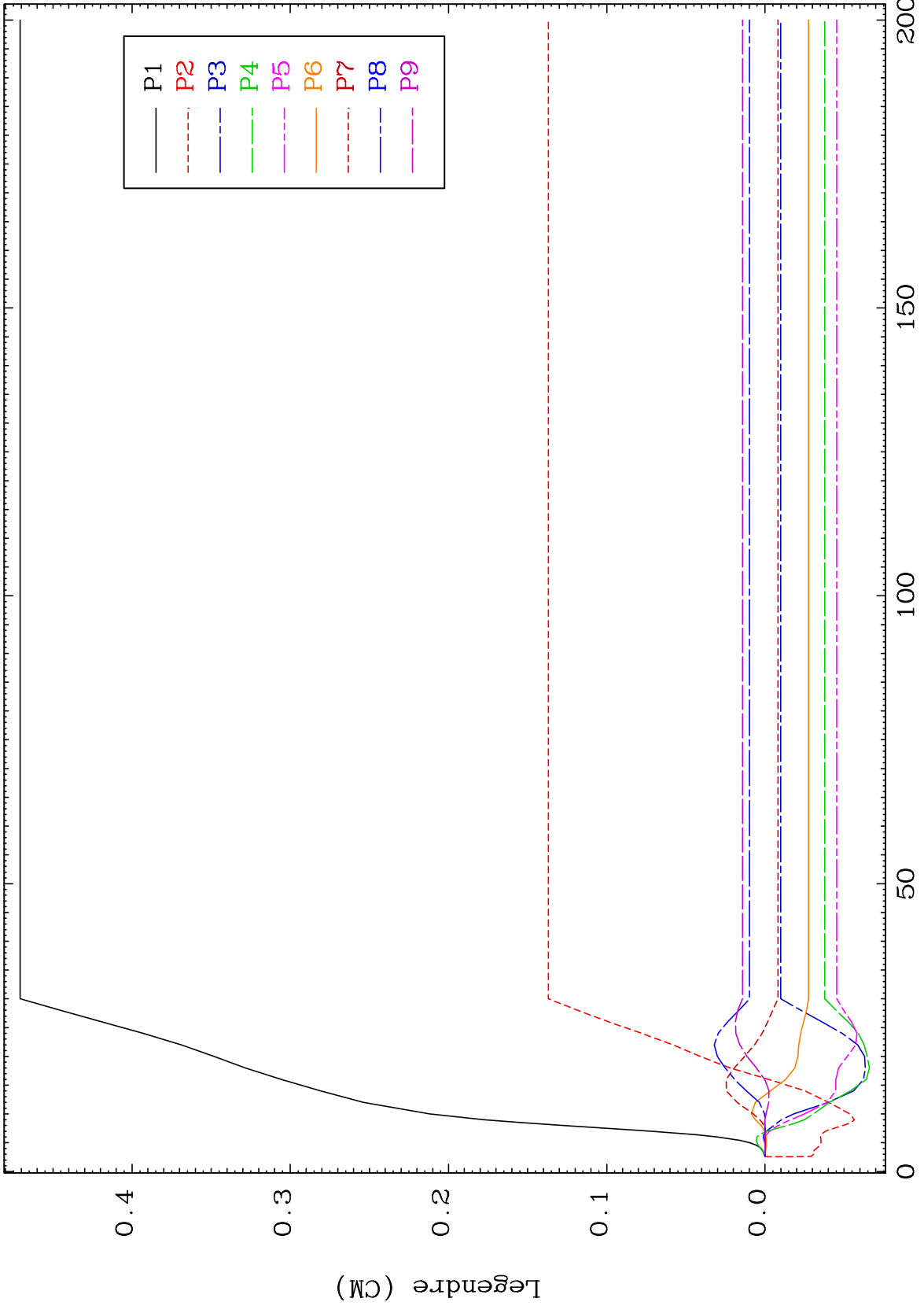
Incident Energy (MeV)

50-Sn-120

MAT 5049 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-120



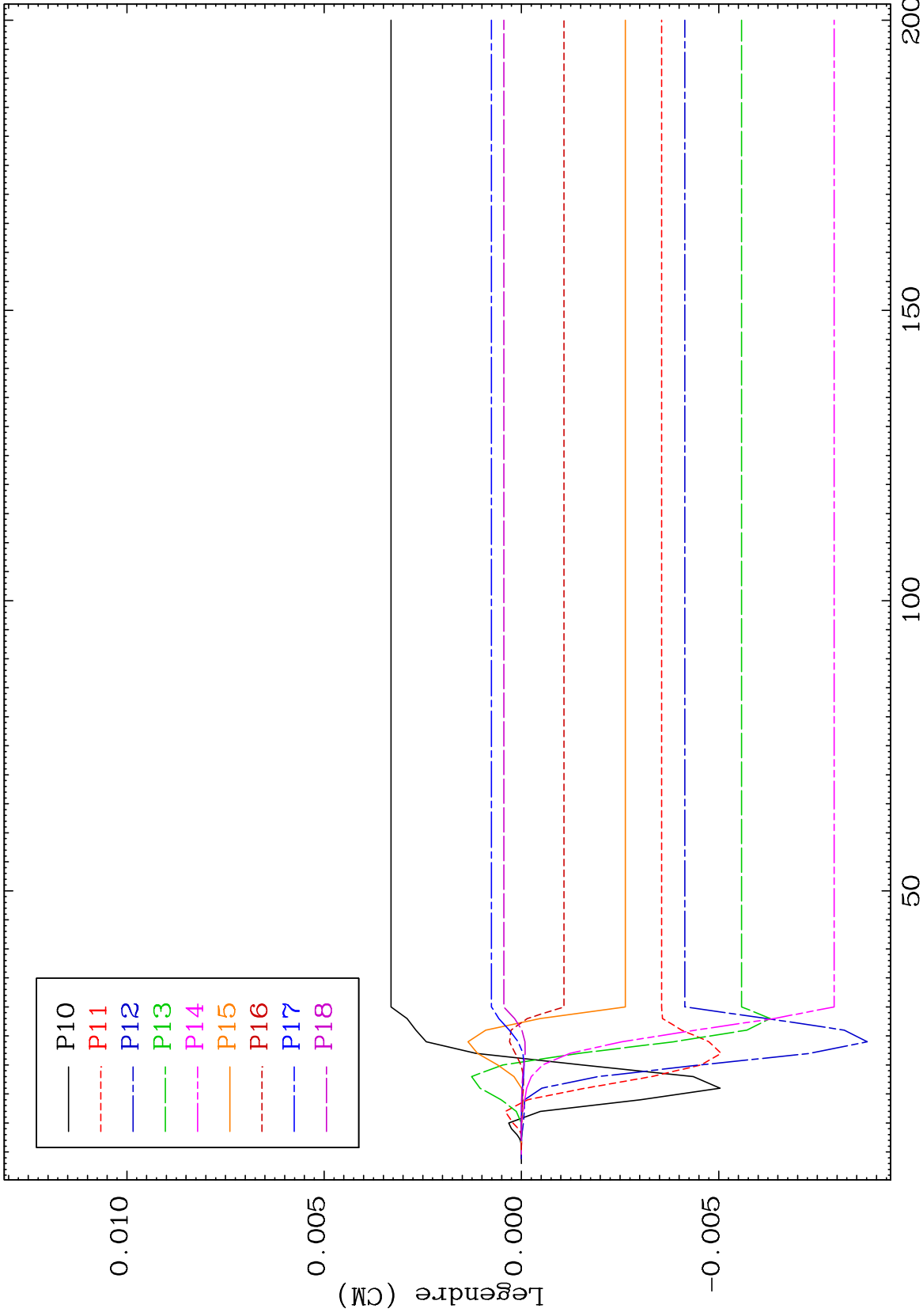
MAT 5049 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049

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

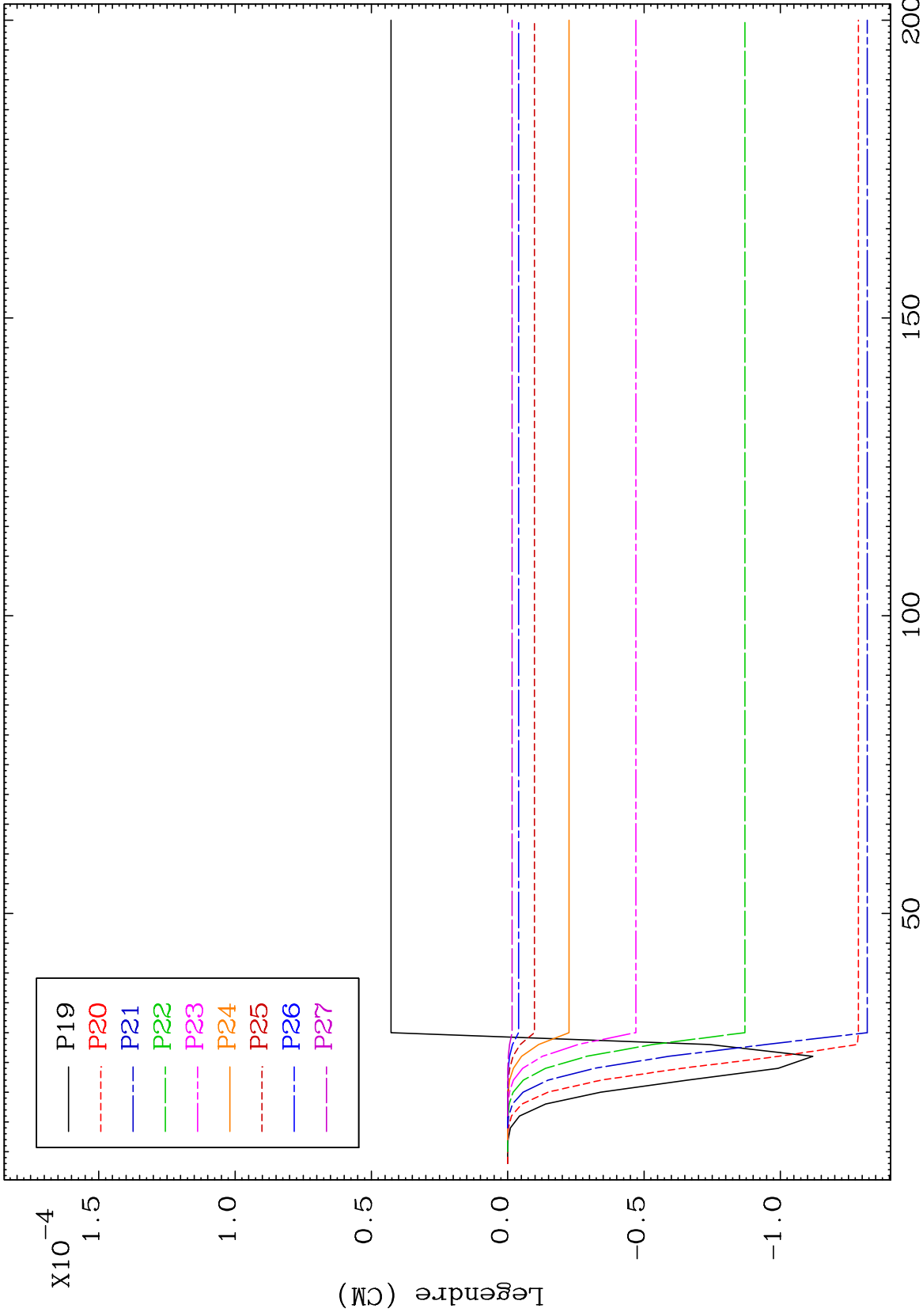
50-Sn-120



MAT 5049

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

50-Sn-120

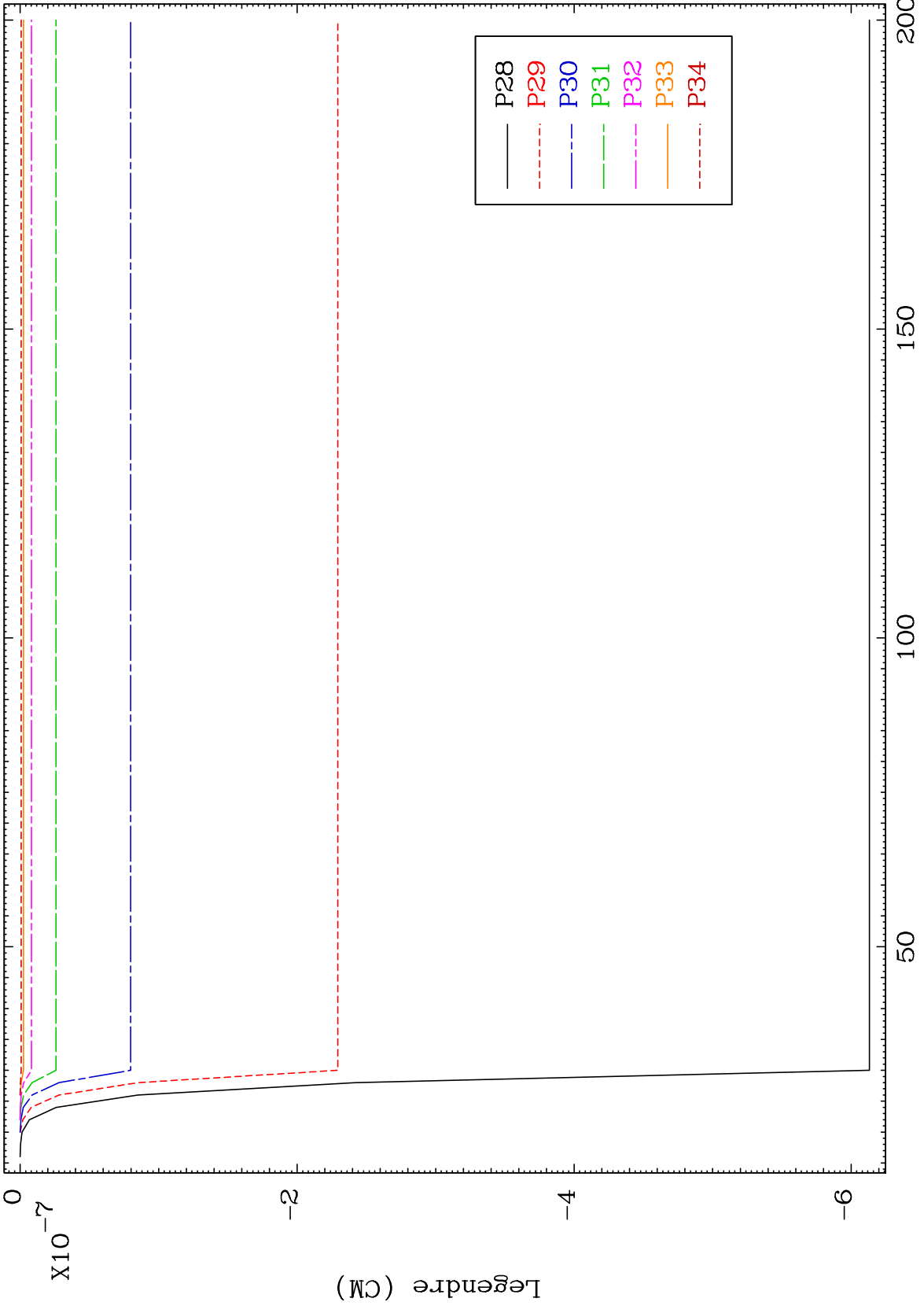


70

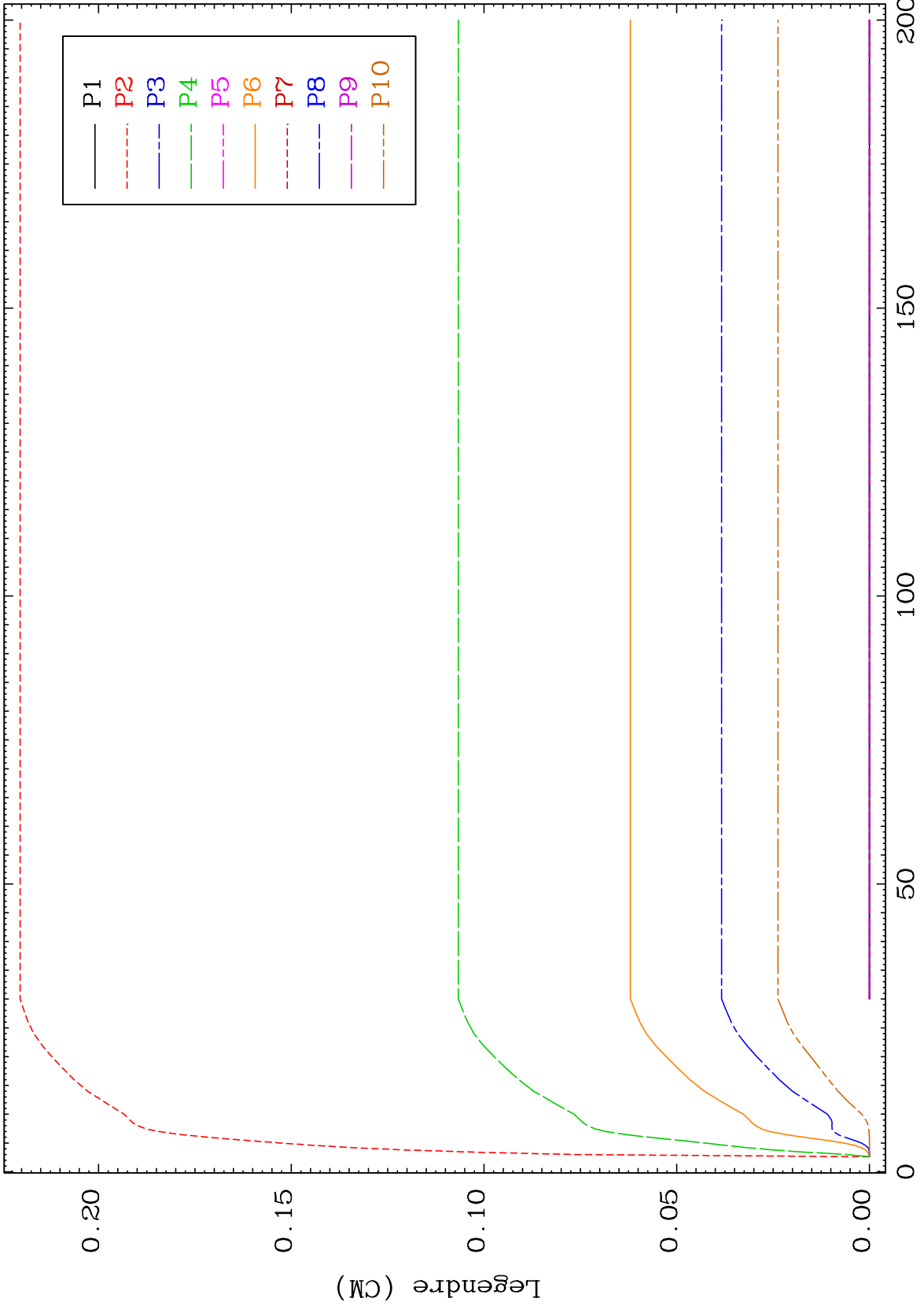
Incident Energy (MeV)

50-Sn-120

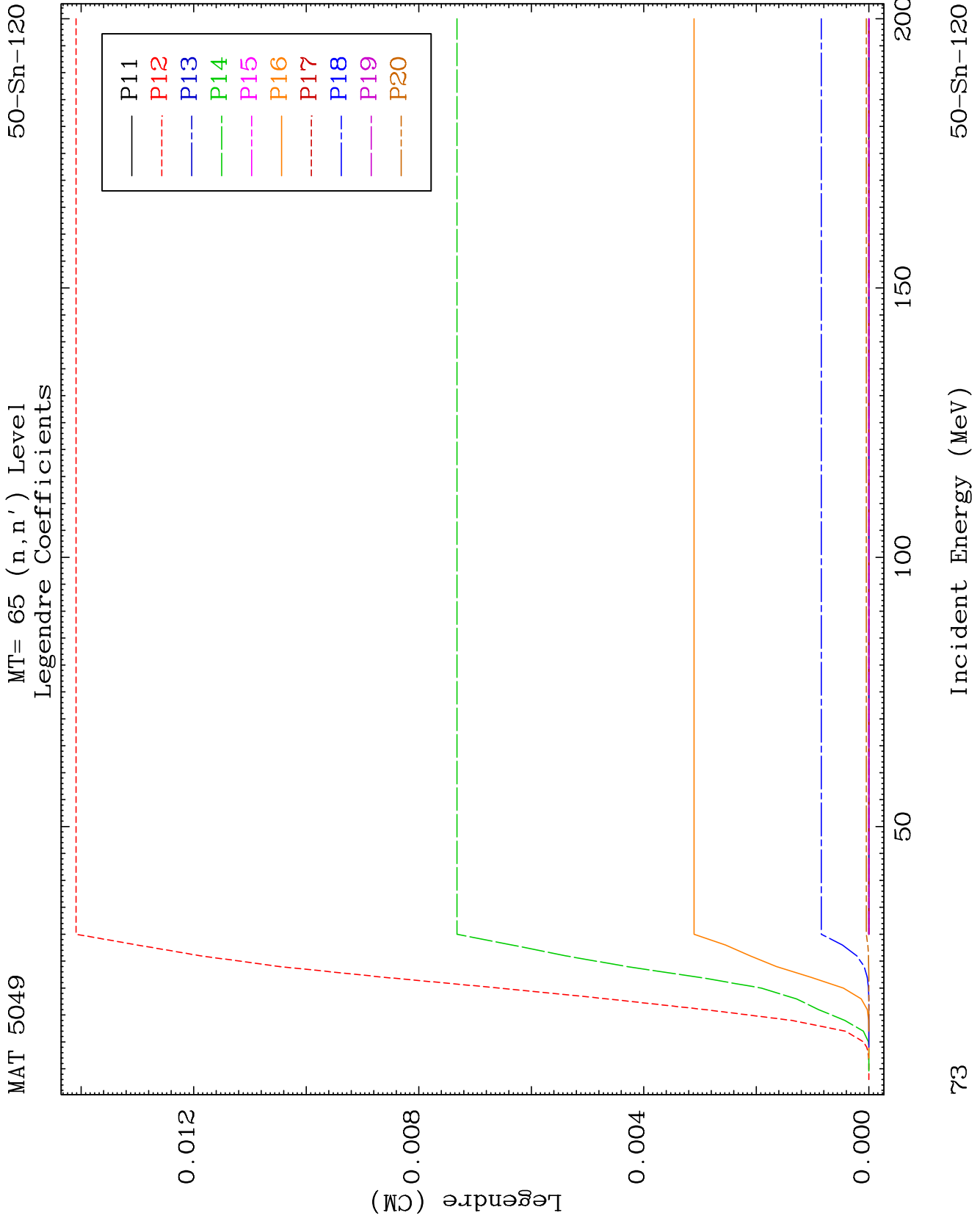
MAT 5049 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-120



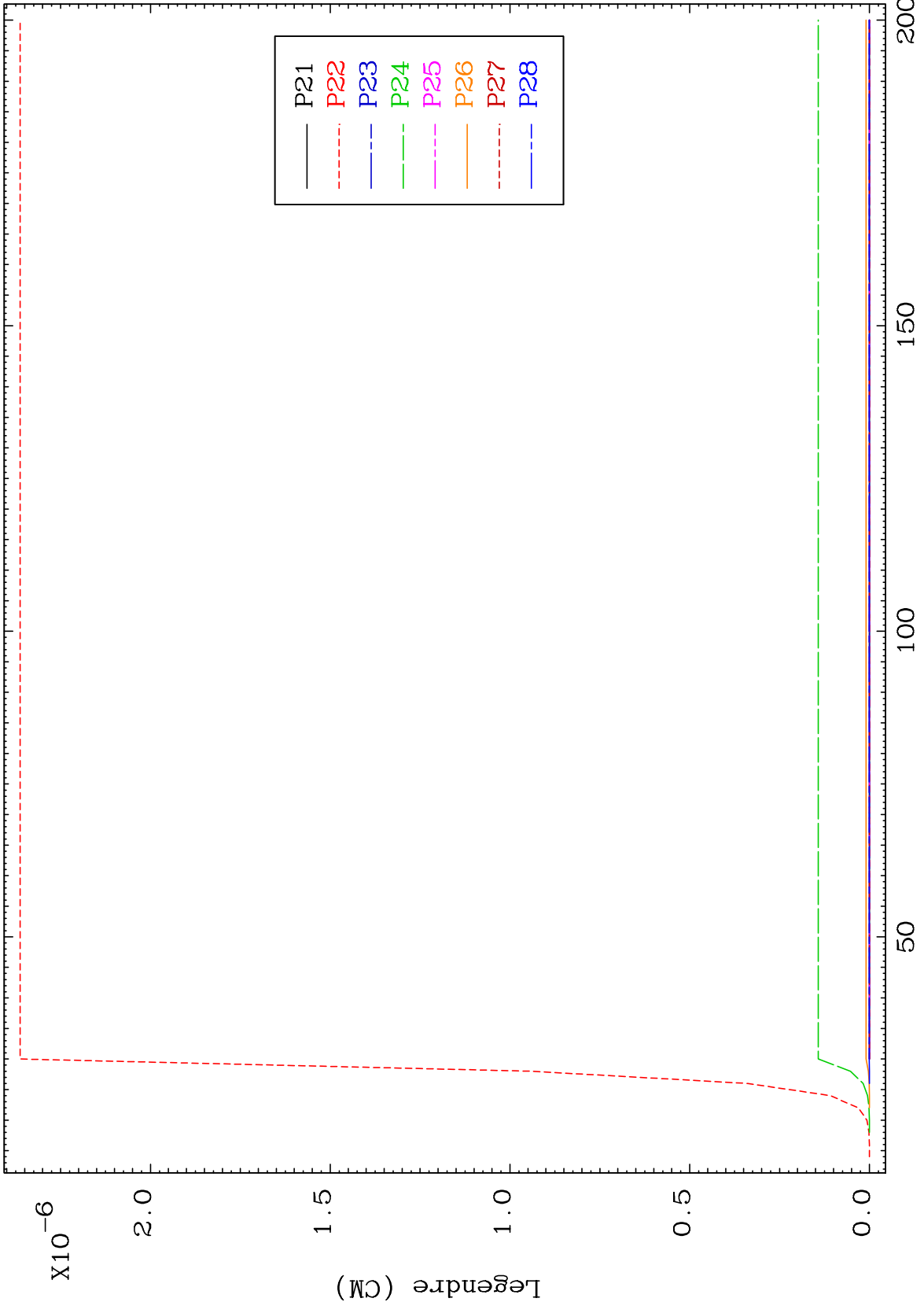
MAT 5049 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-120



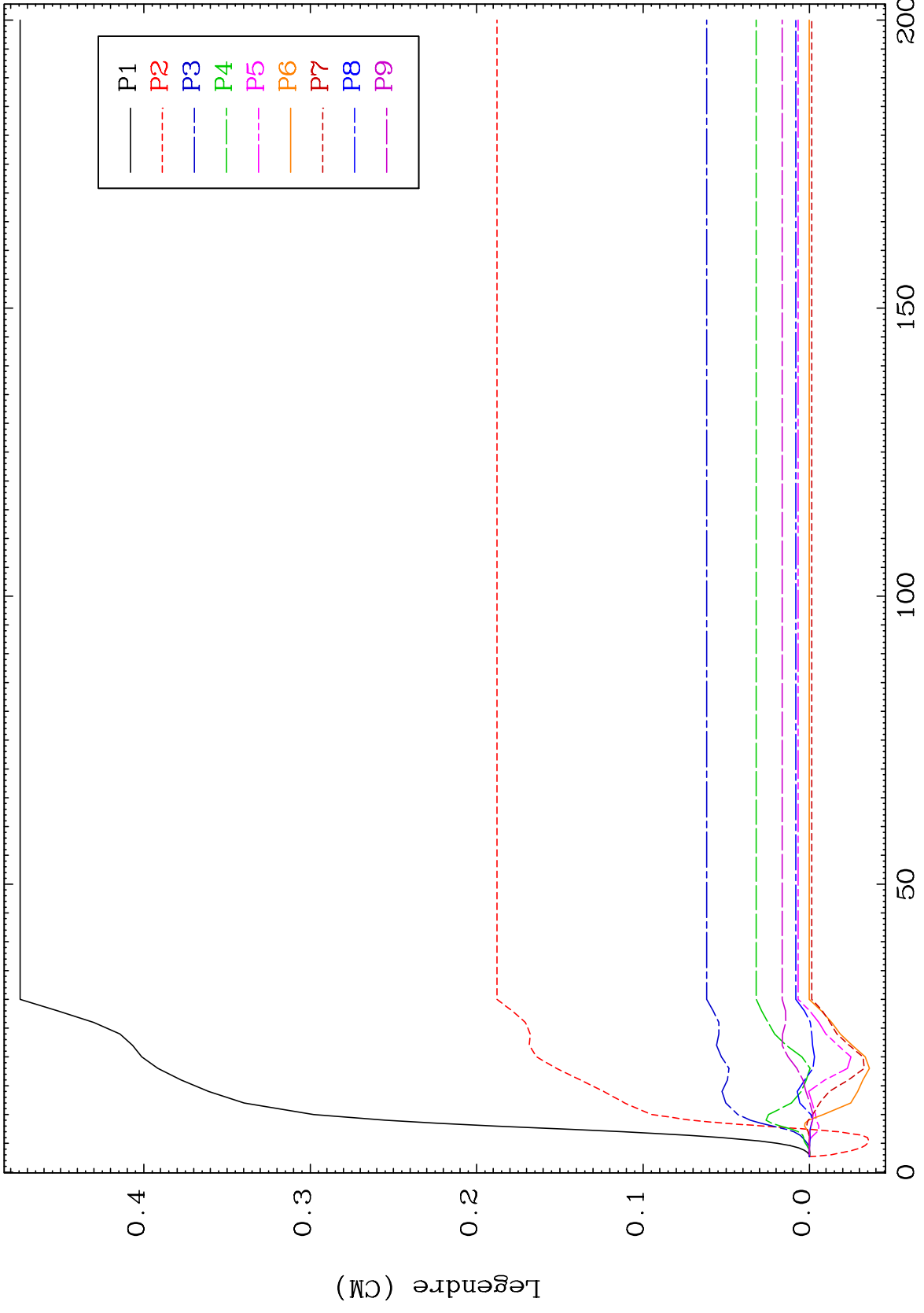
72 Incident Energy (MeV) 50-Sn-120



MAT 5049 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-120

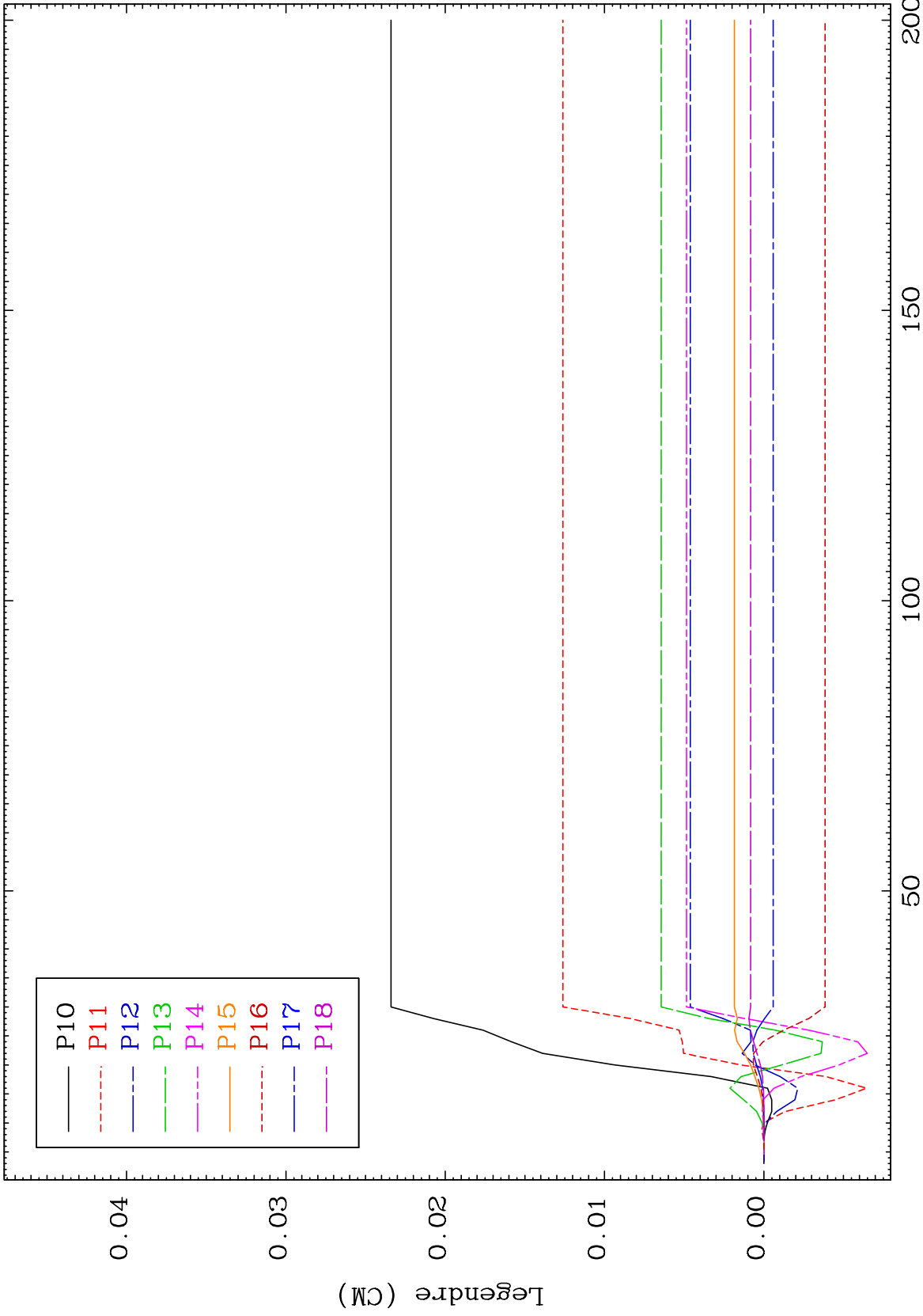


Legendre (CM) Incident Energy (MeV) 50-Sn-120

MAT 5049

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

50-Sn-120

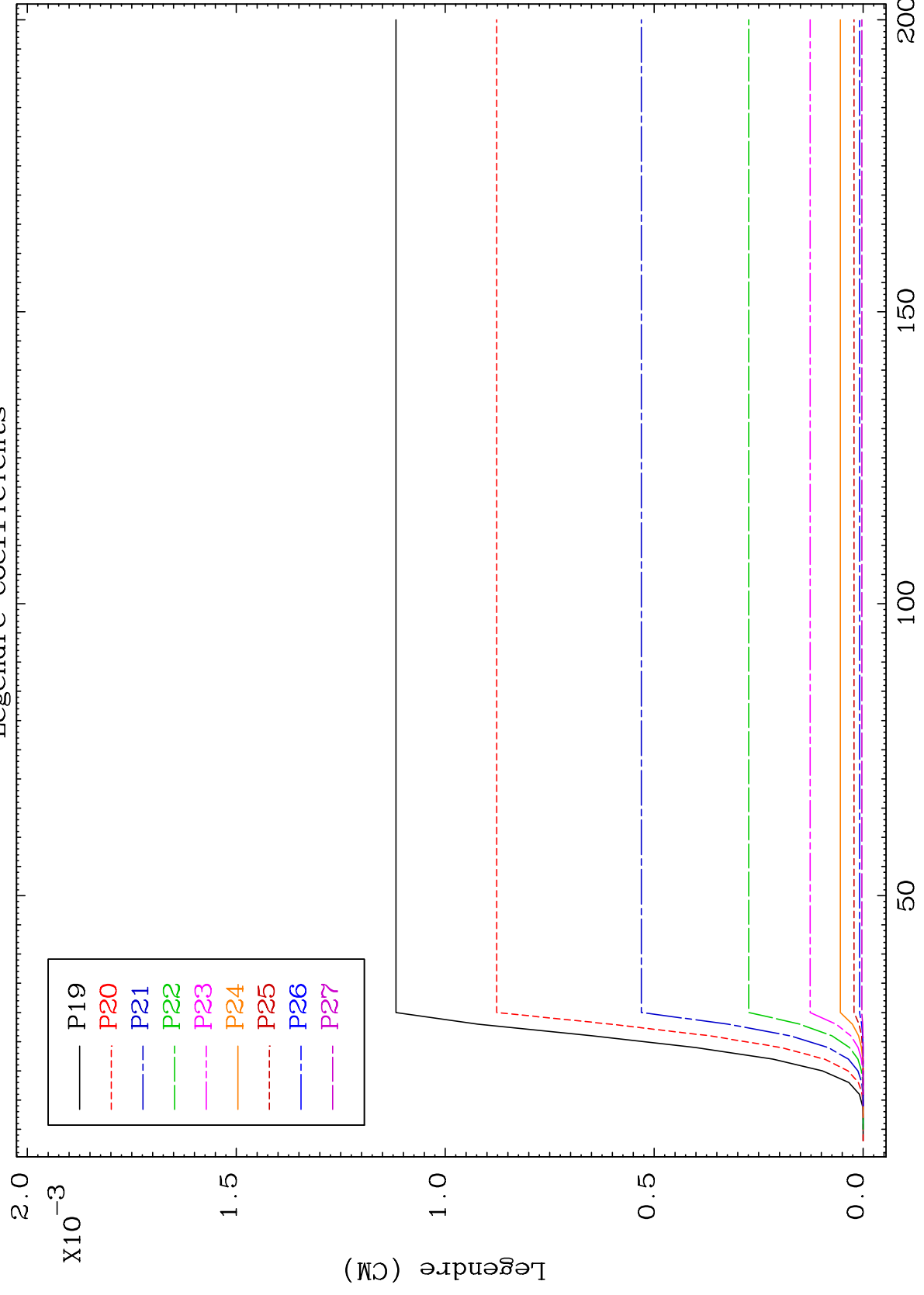


76

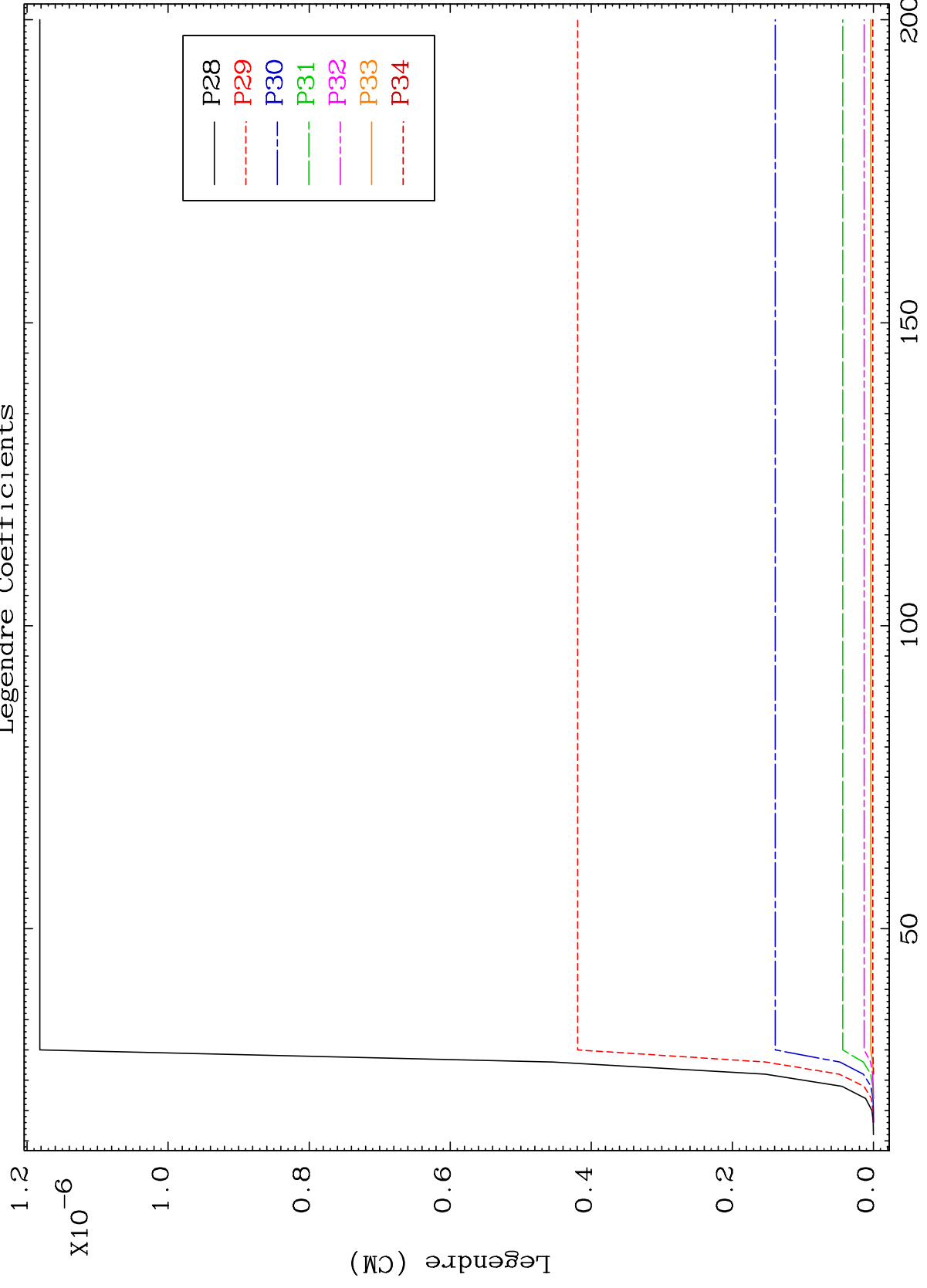
Incident Energy (MeV)

50-Sn-120

MAT 5049 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-120



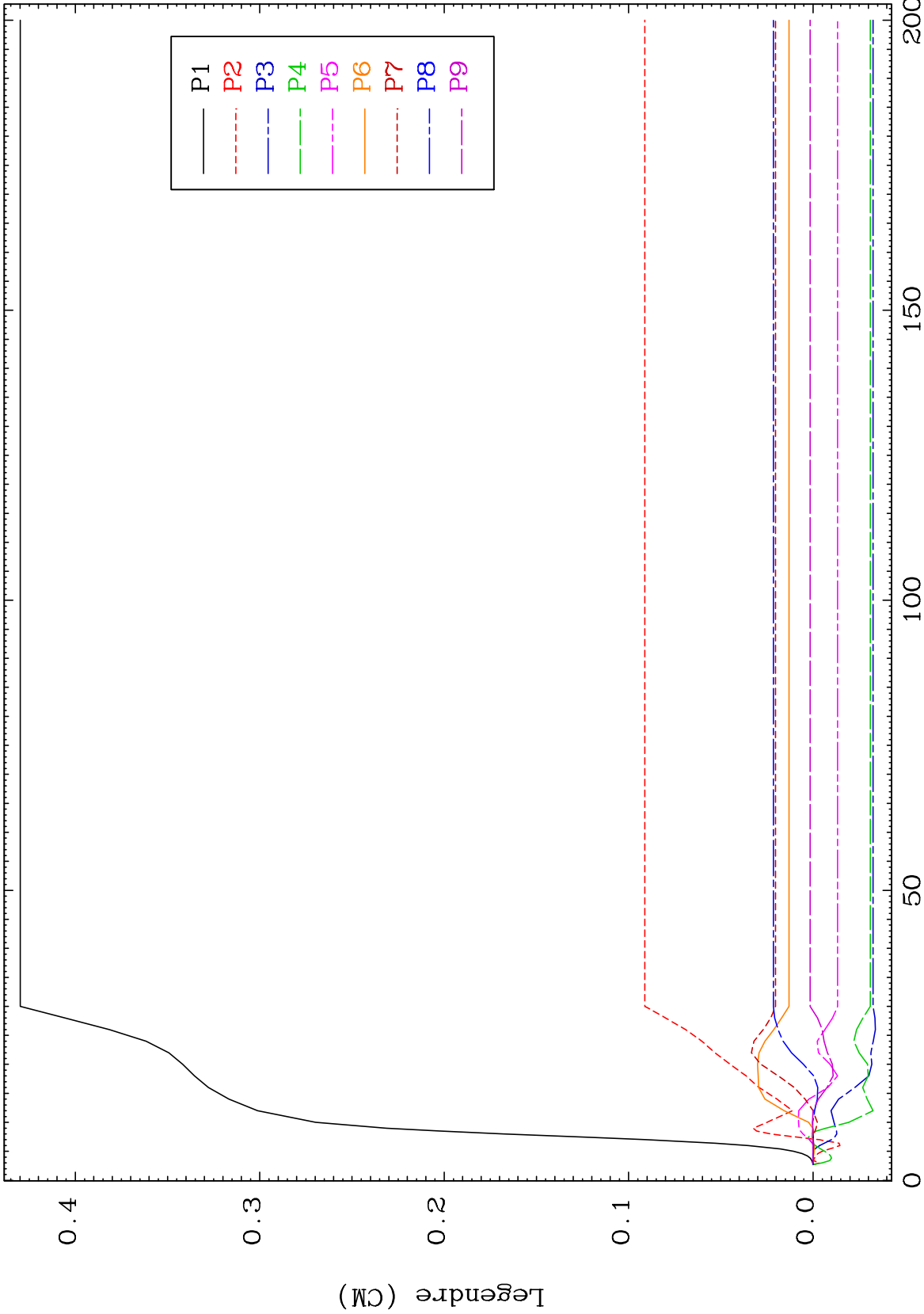
MAT 5049 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049

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

50-Sn-120

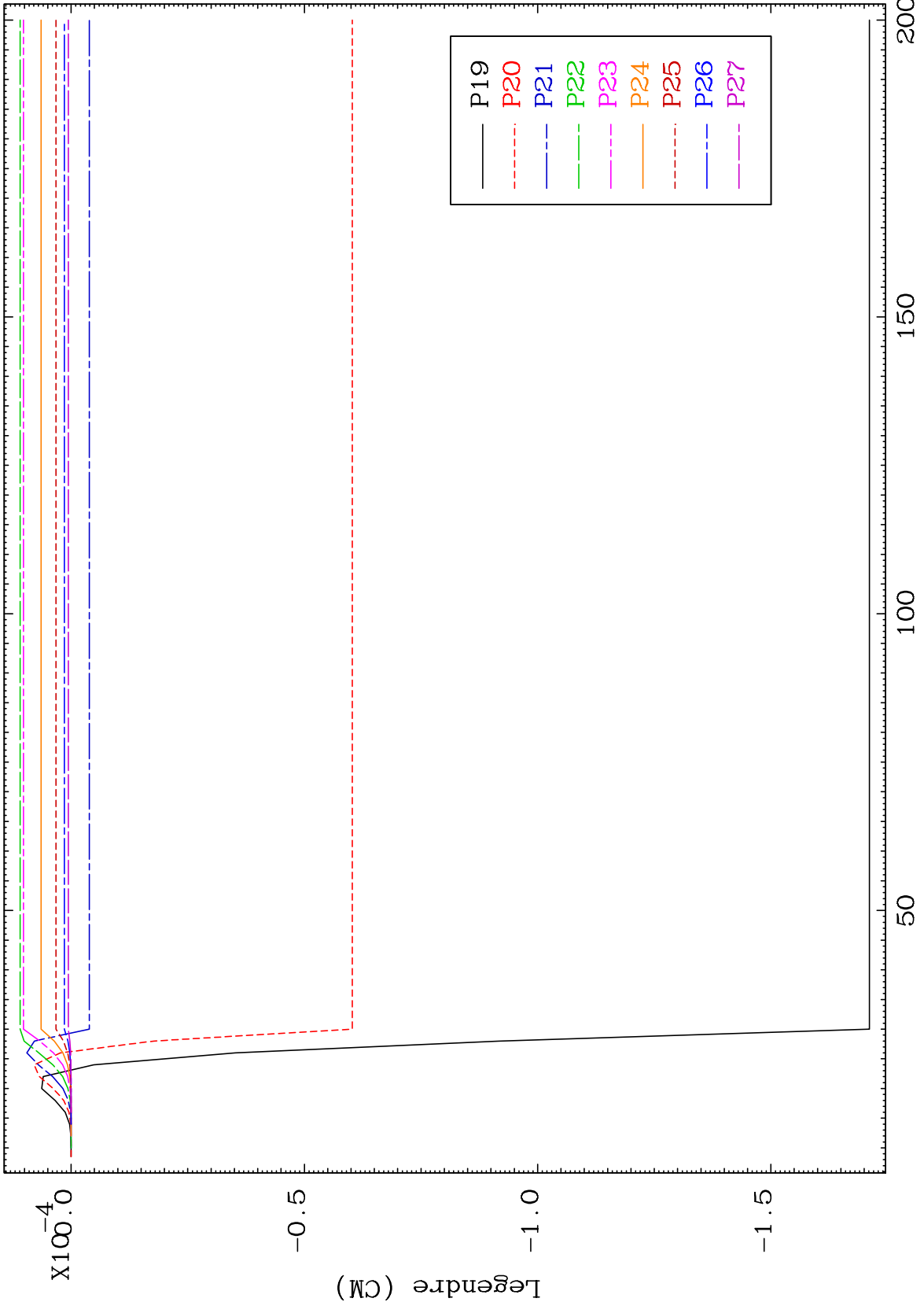


79

Incident Energy (MeV)

50-Sn-120

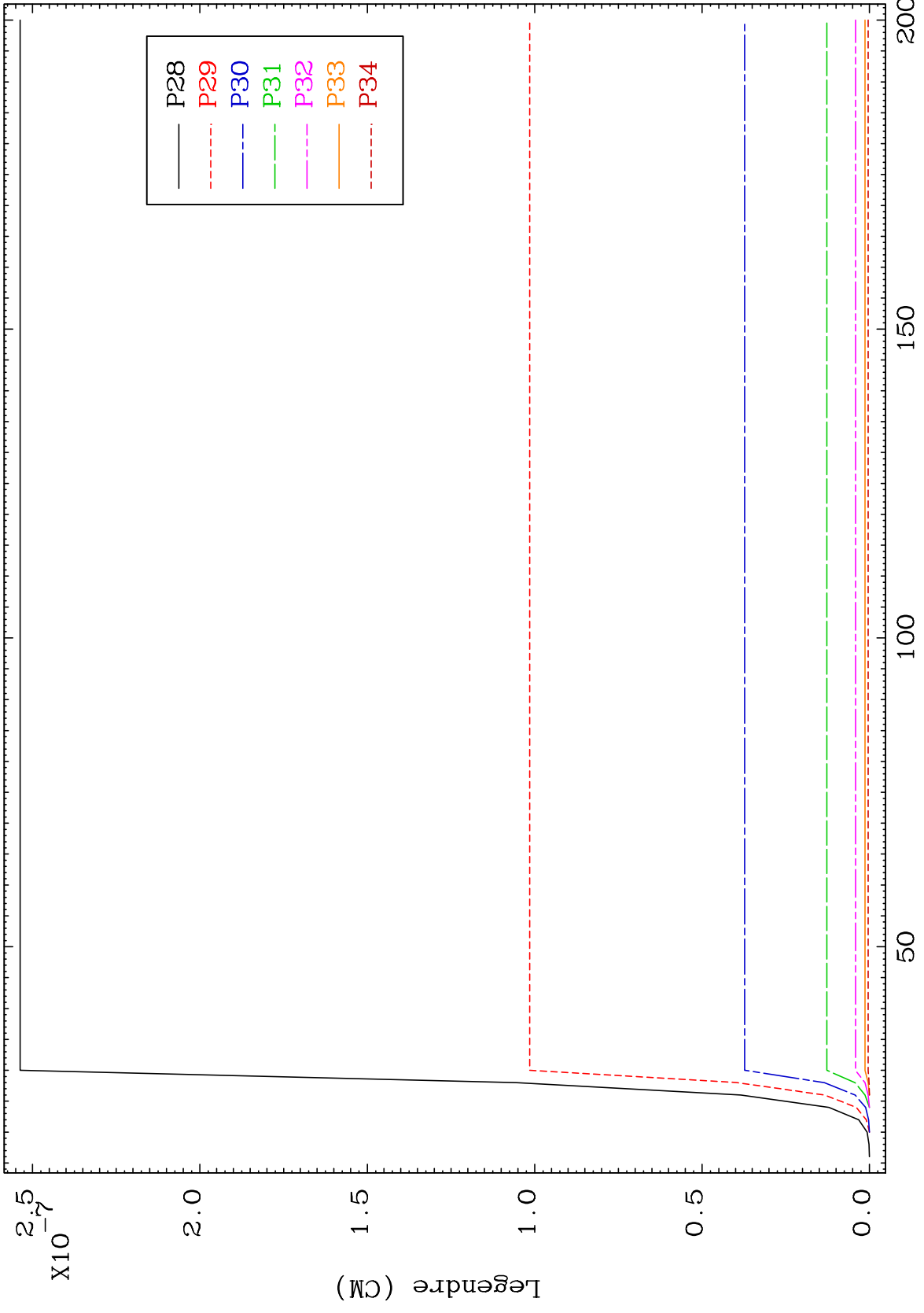
MAT 5049 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049

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

50-Sn-120



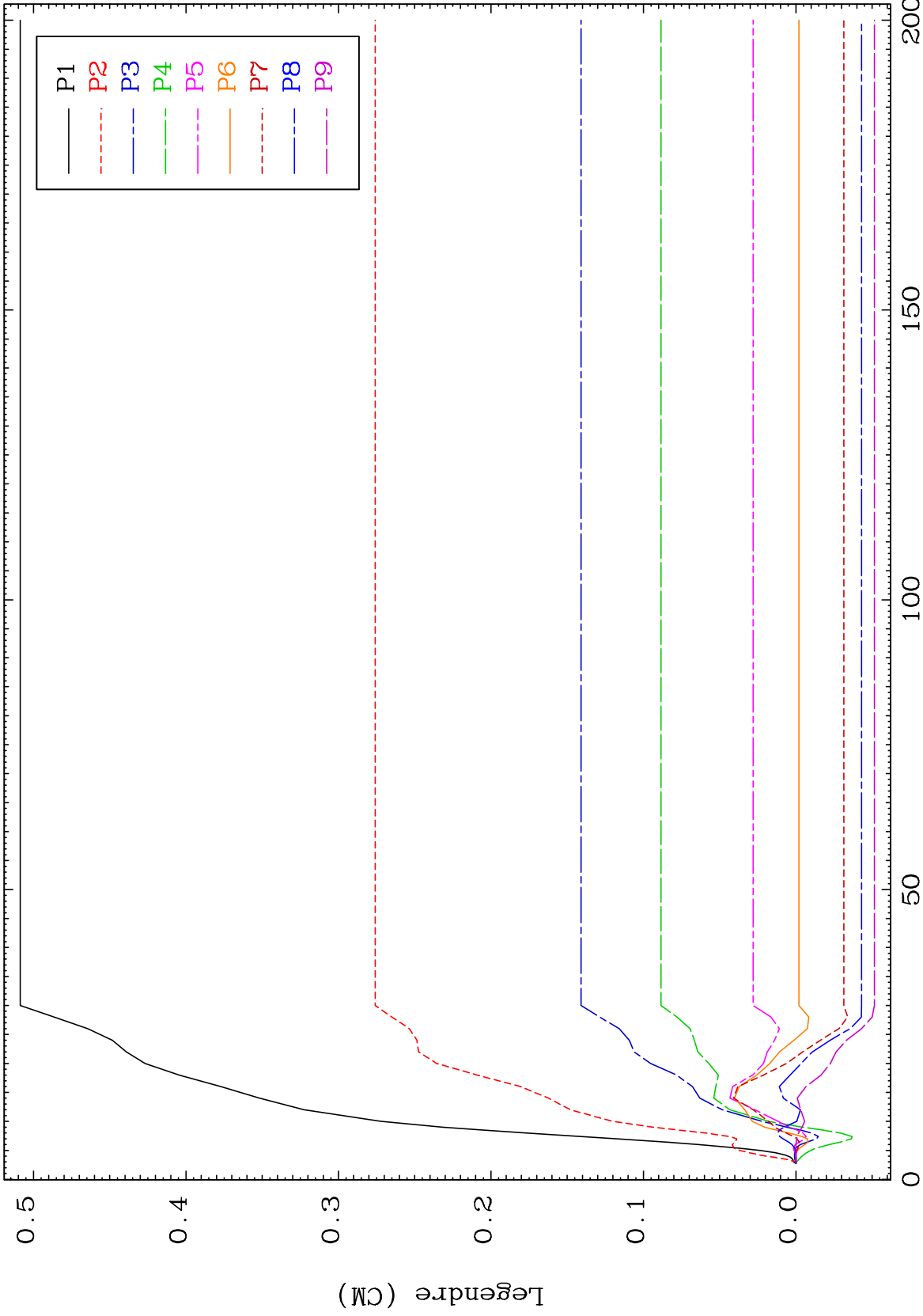
82

50-Sn-120

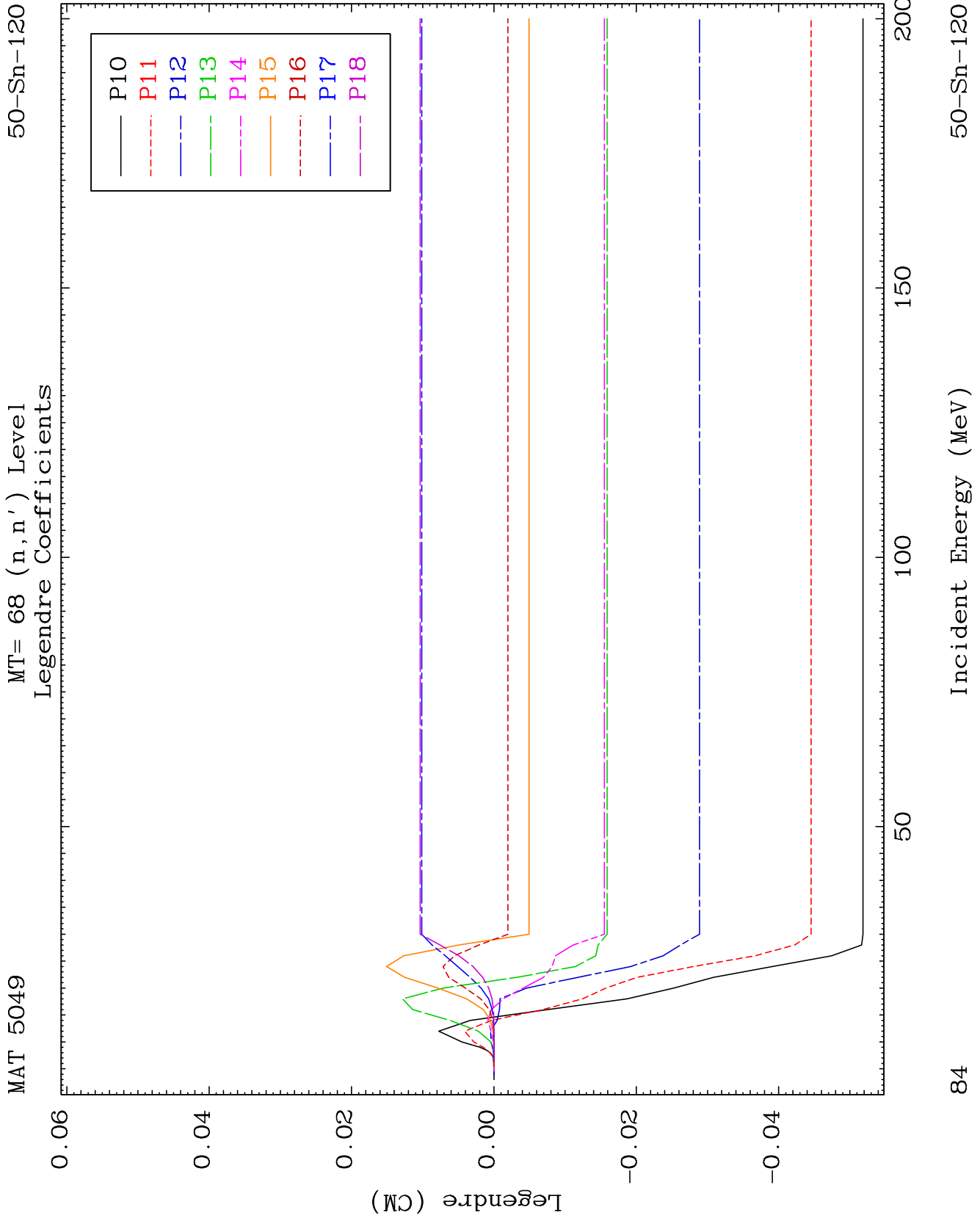
MAT 5049 MT= 68 (n,n') Level Legendre Coefficients

50-Sn-120

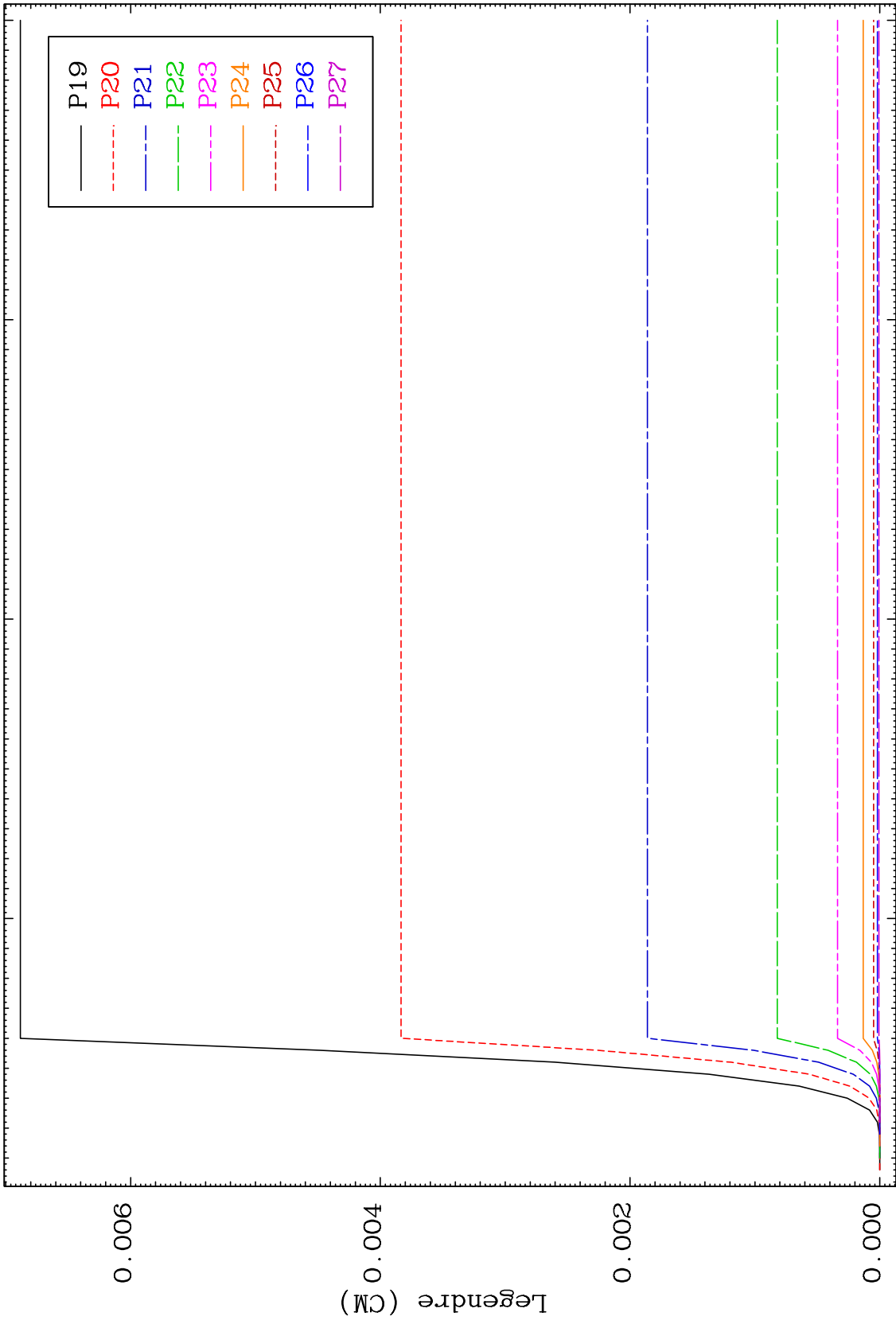
50-Sn-120



83



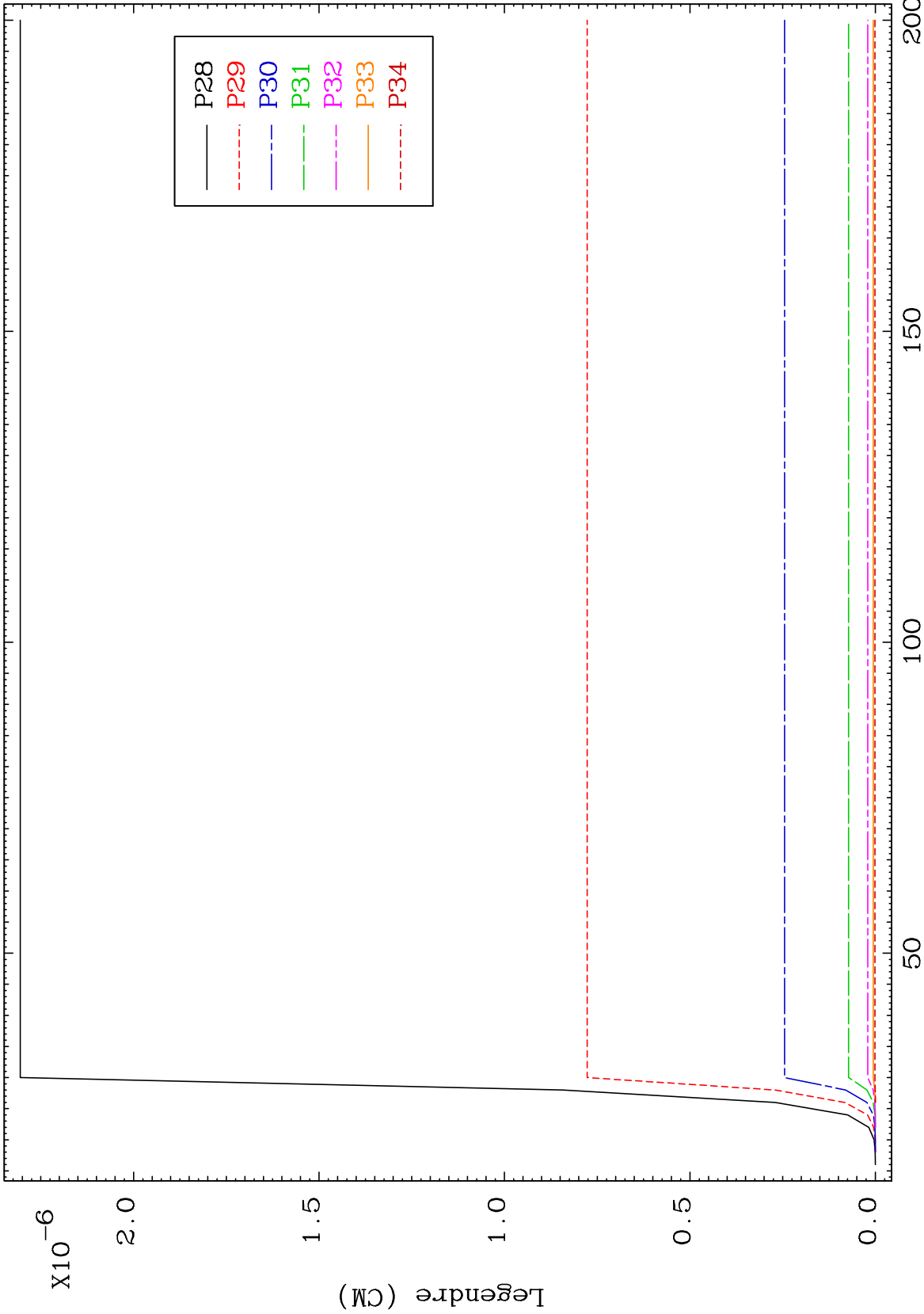
MAT 5049 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049

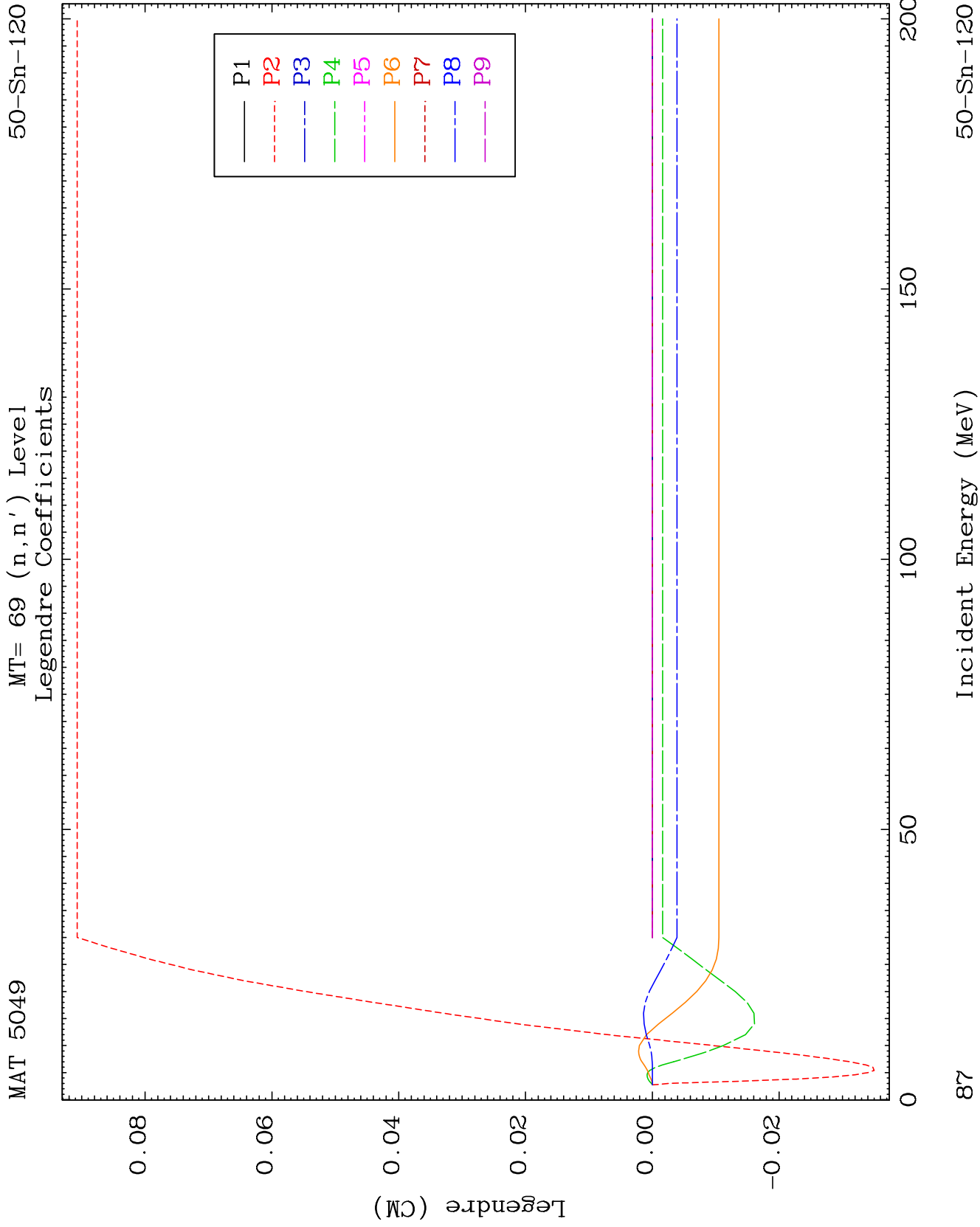
MT= 68 (n,n') Level
Legendre Coefficients

50-Sn-120



86

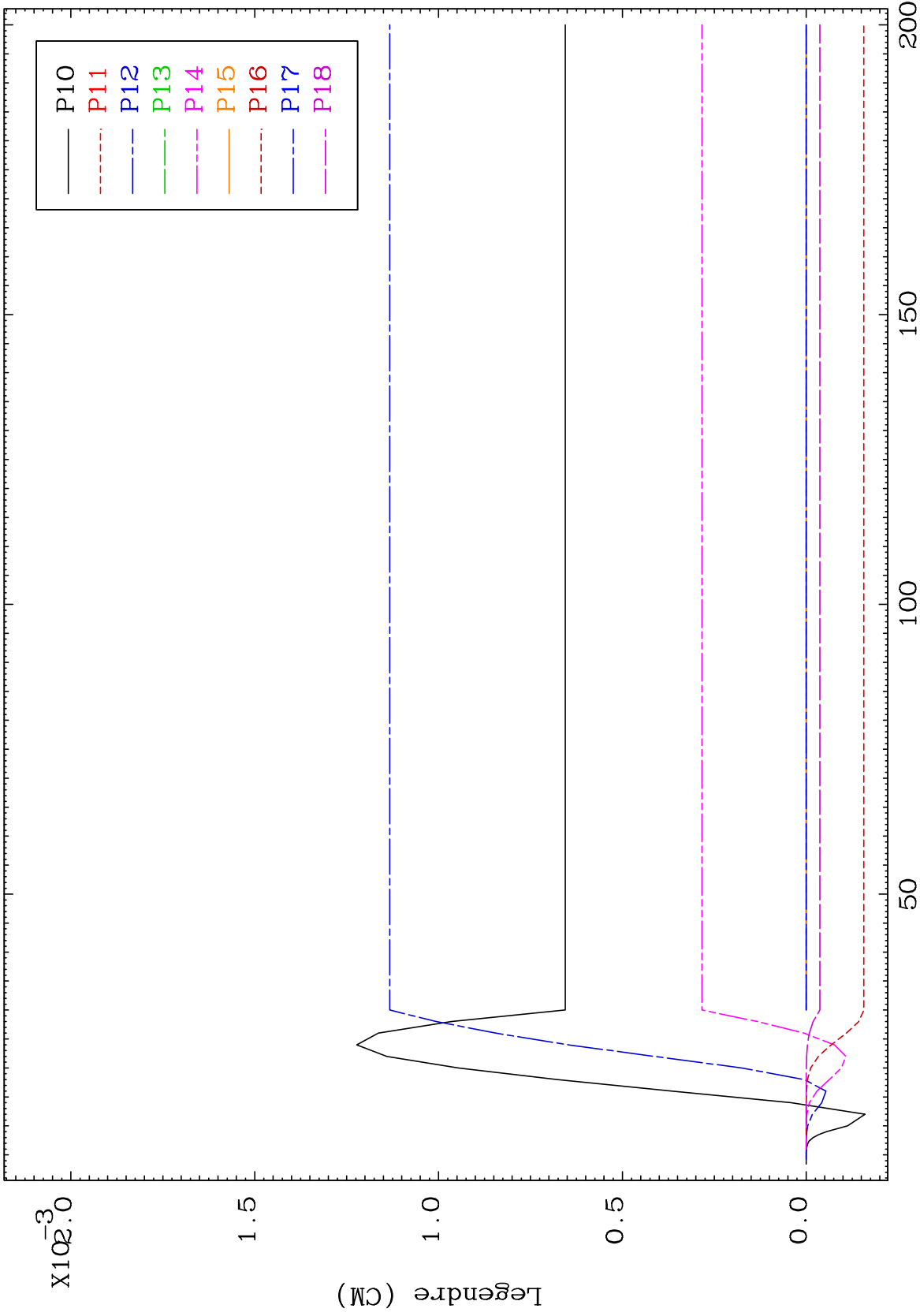
50-Sn-120



MAT 5049

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

50-Sn-120

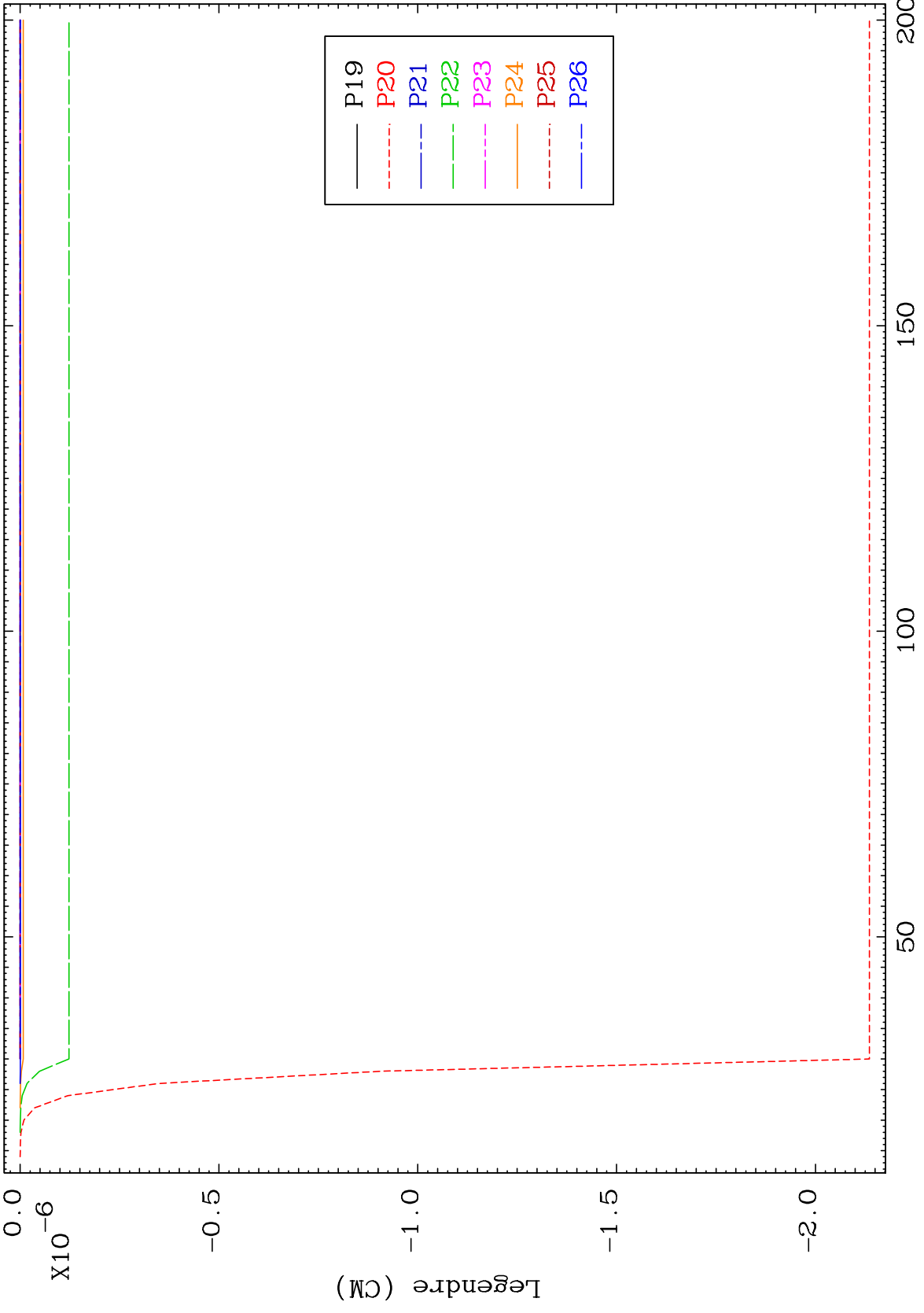


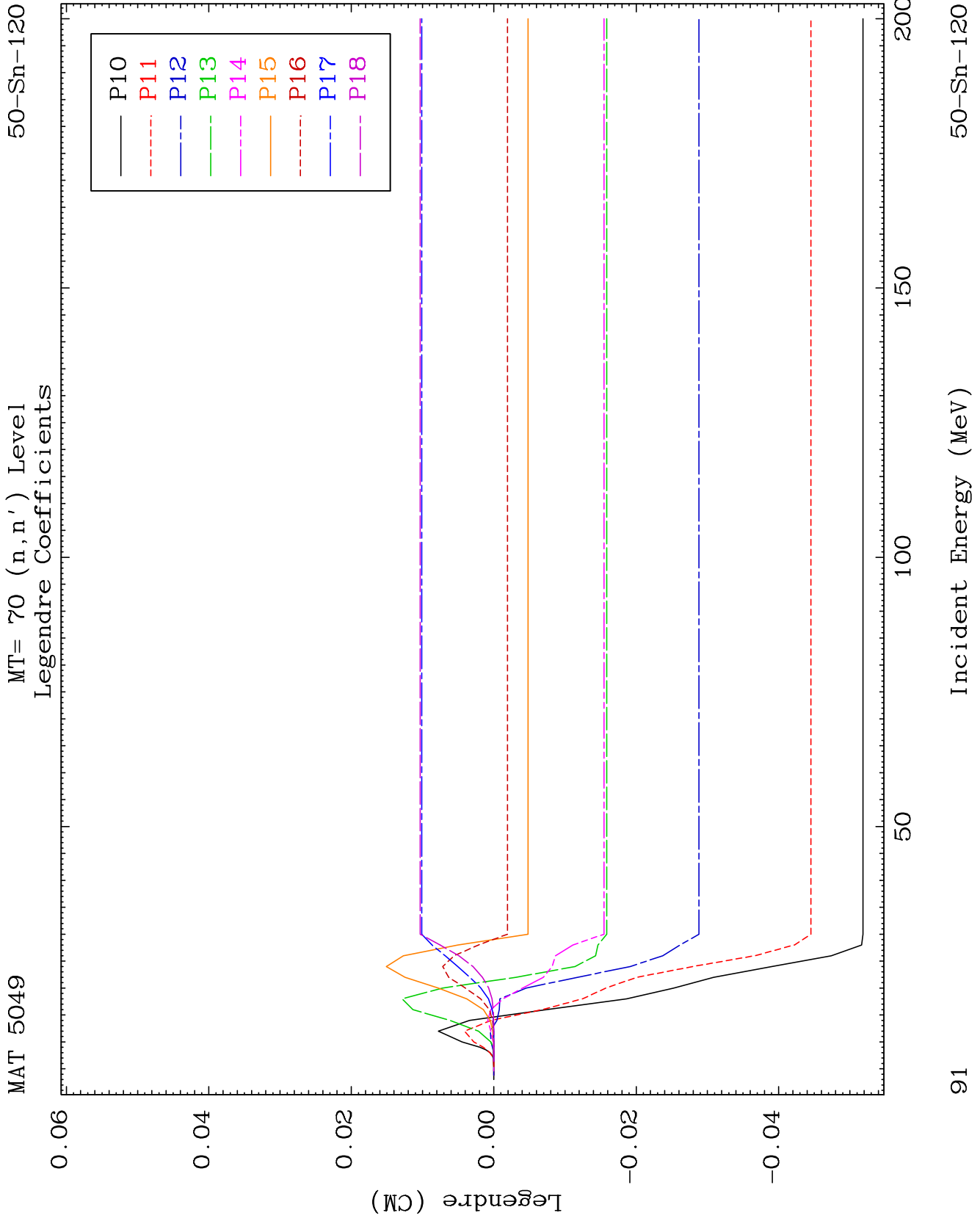
88

Incident Energy (MeV)

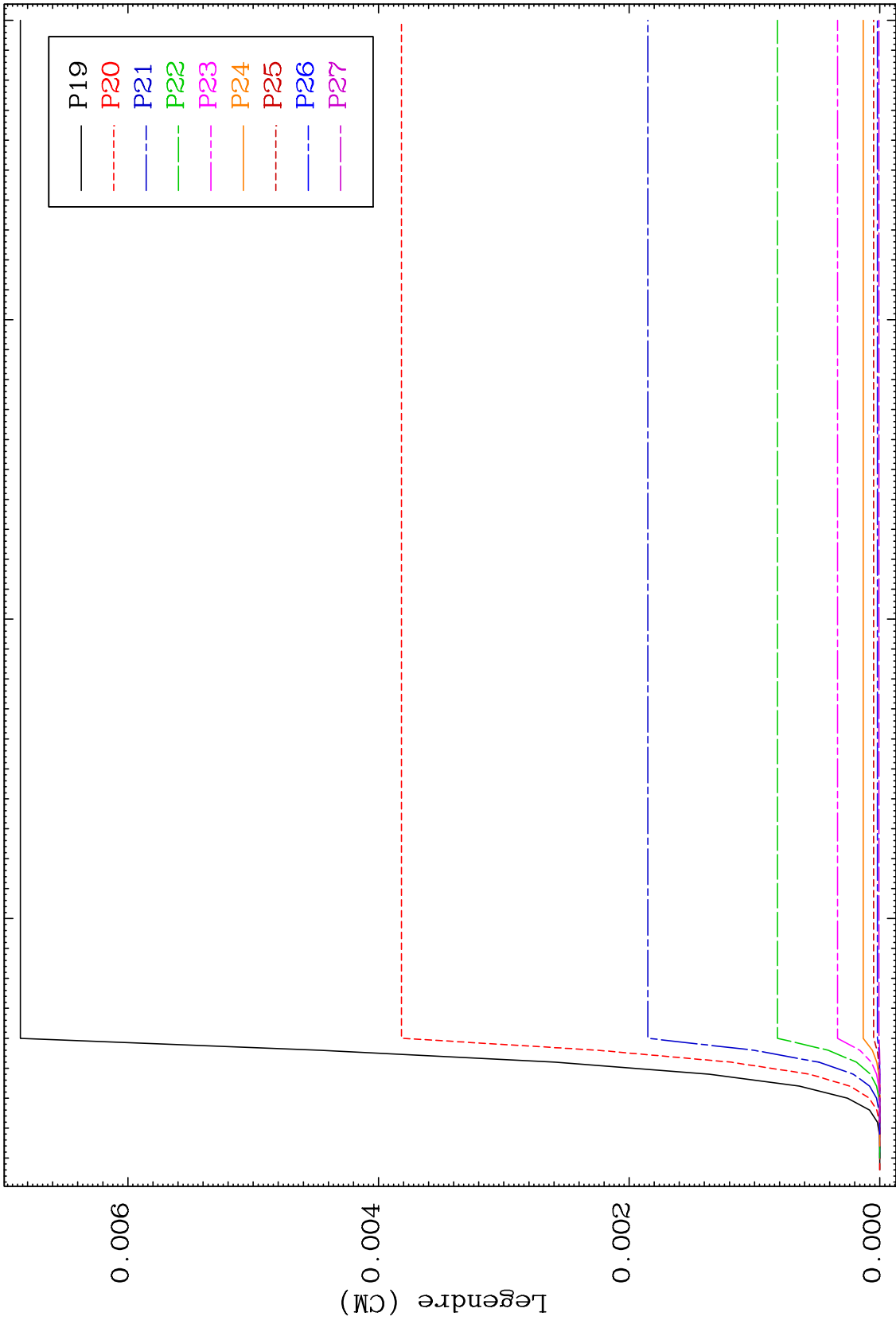
50-Sn-120

MAT 5049 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-120





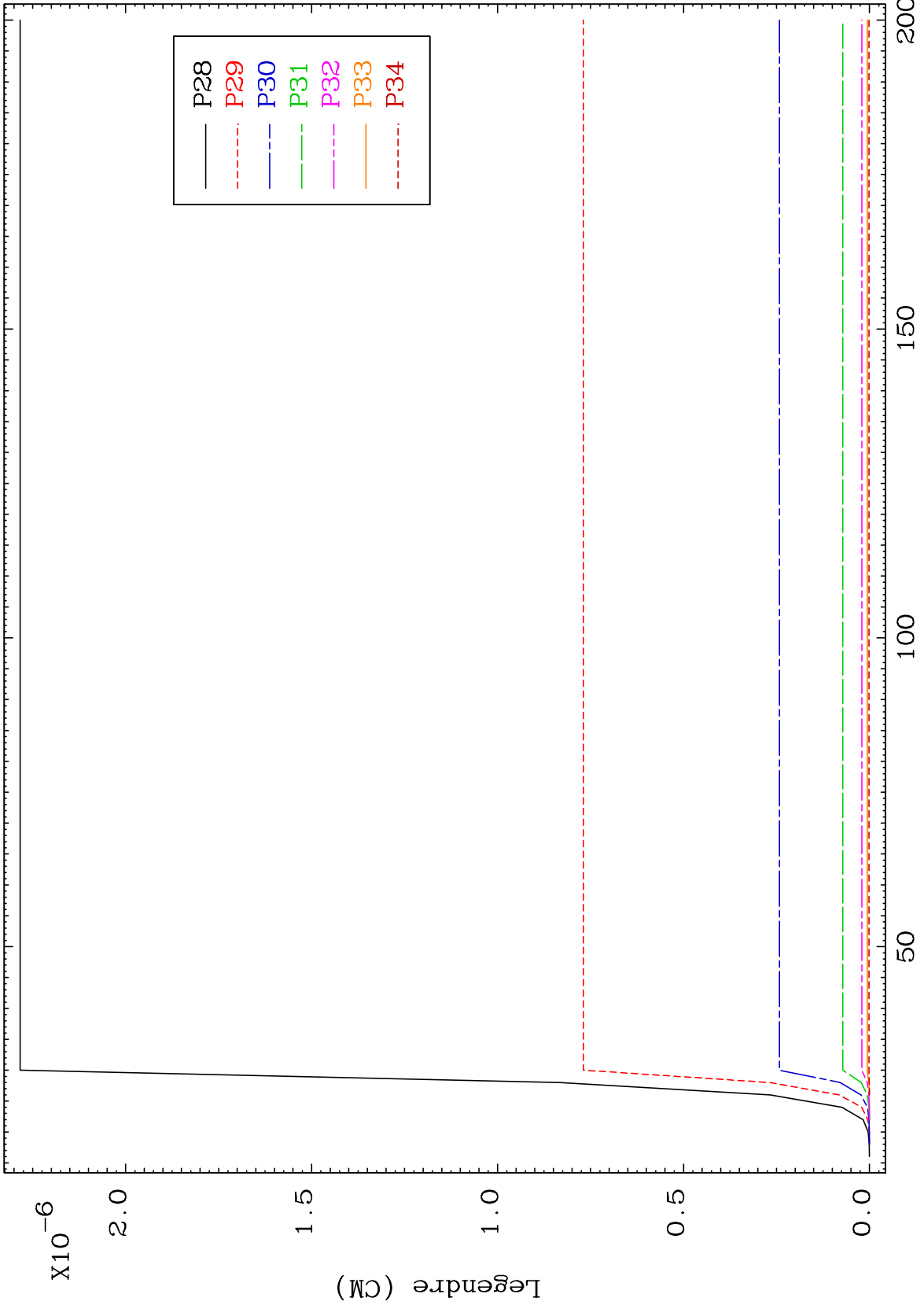
MAT 5049 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049

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

50-Sn-120



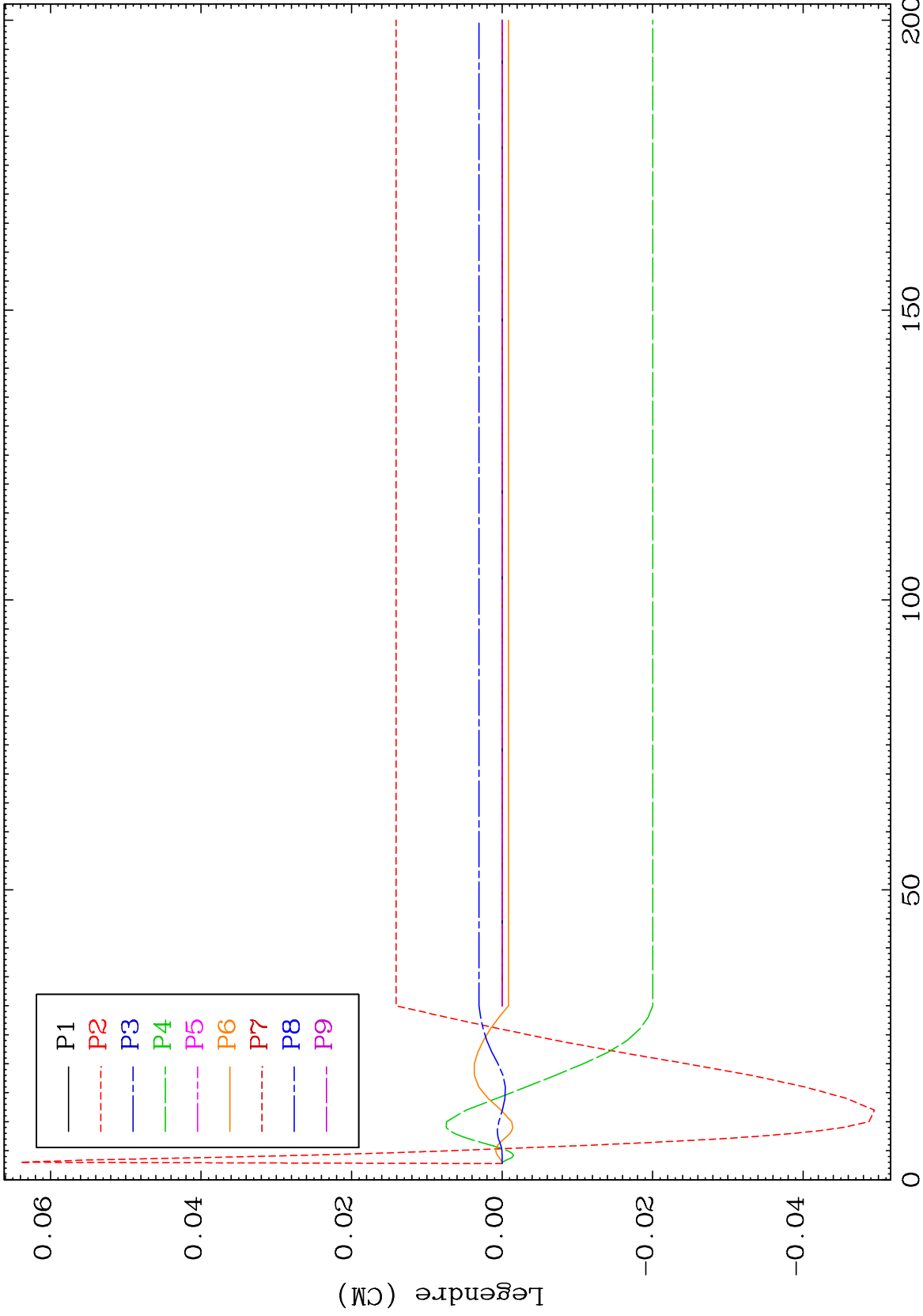
93

50-Sn-120

MAT 5049

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

50-Sn-120



94

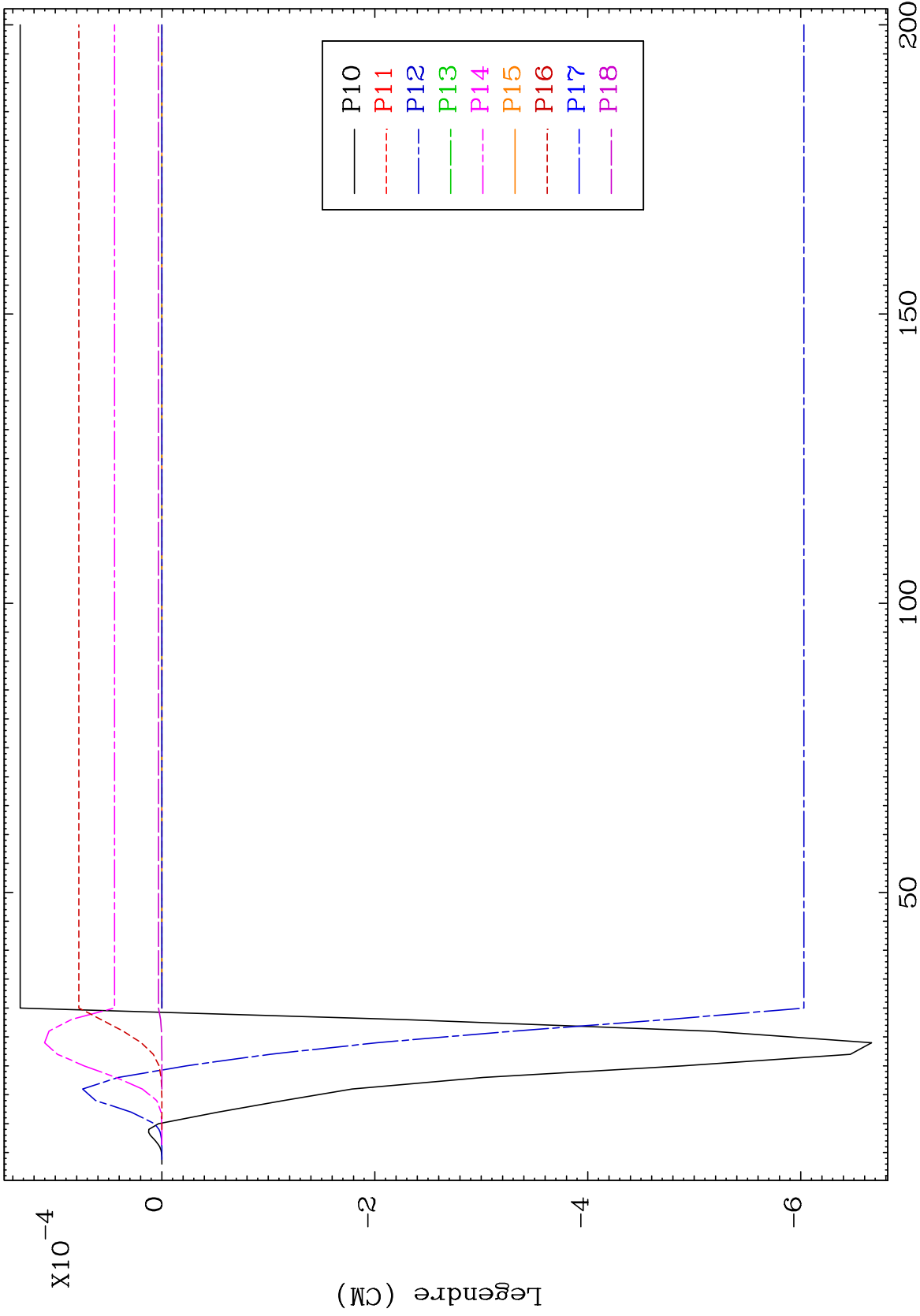
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120

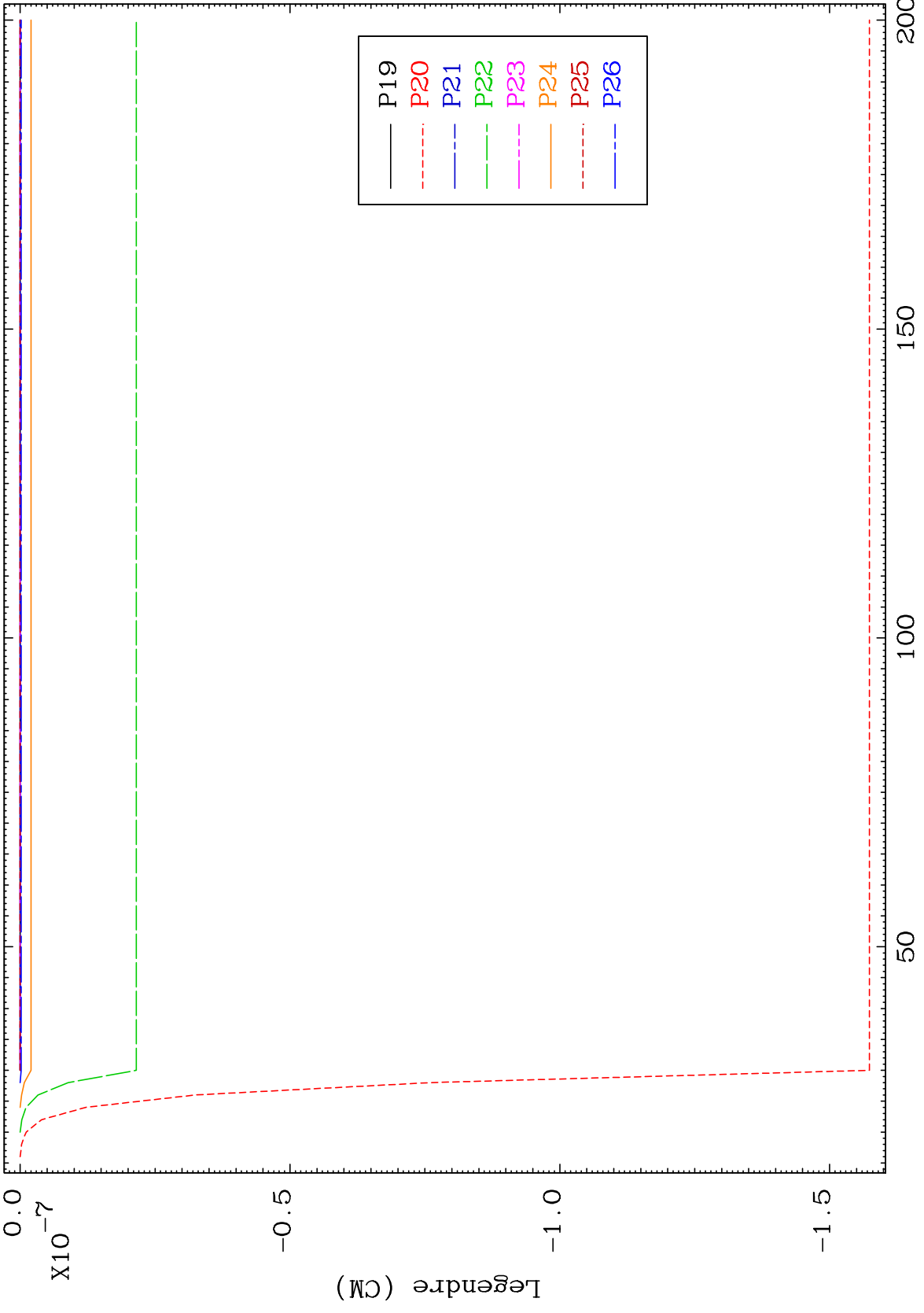


95

Incident Energy (MeV)

50-Sn-120

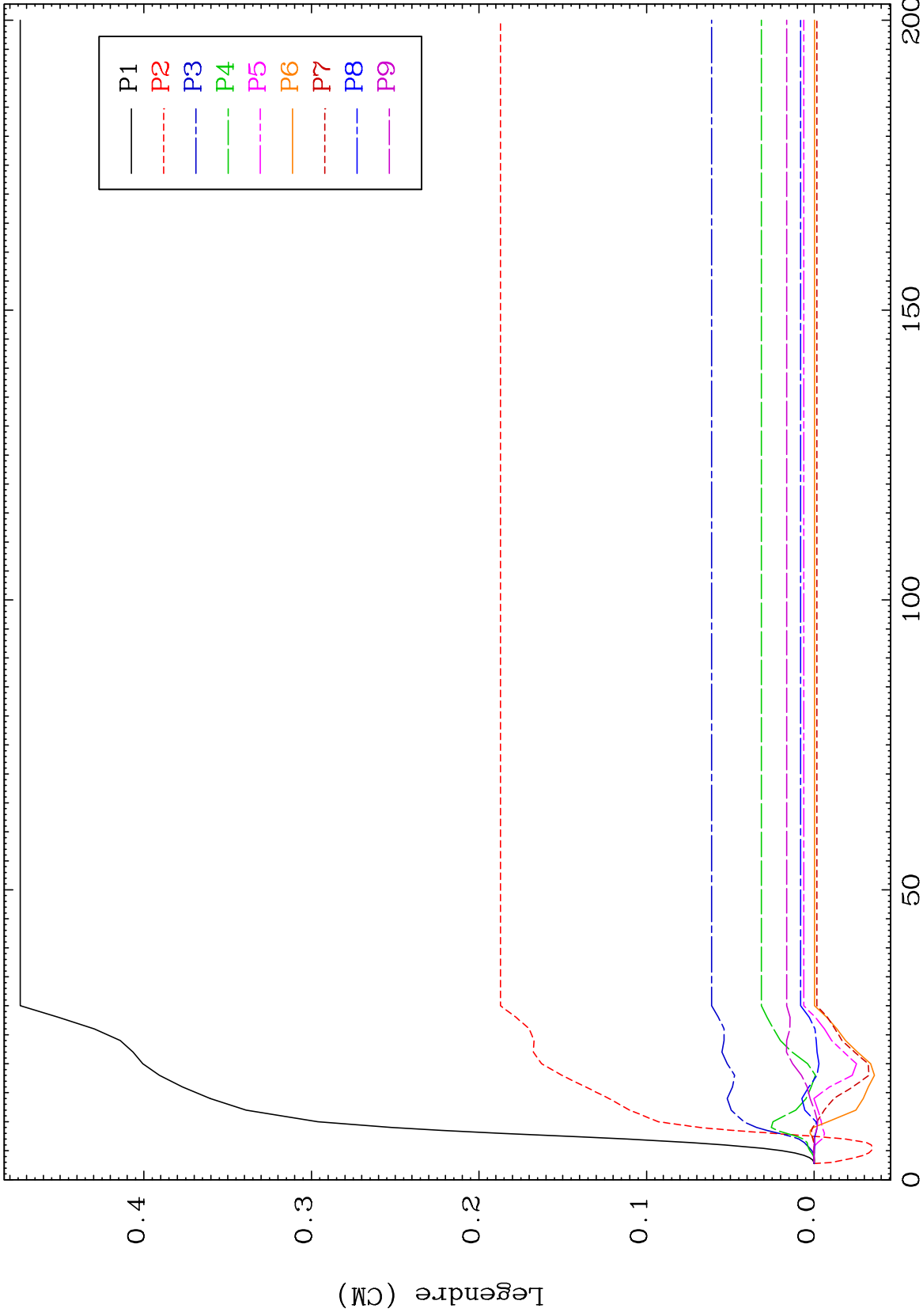
MAT 5049 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049

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

50-Sn-120



97

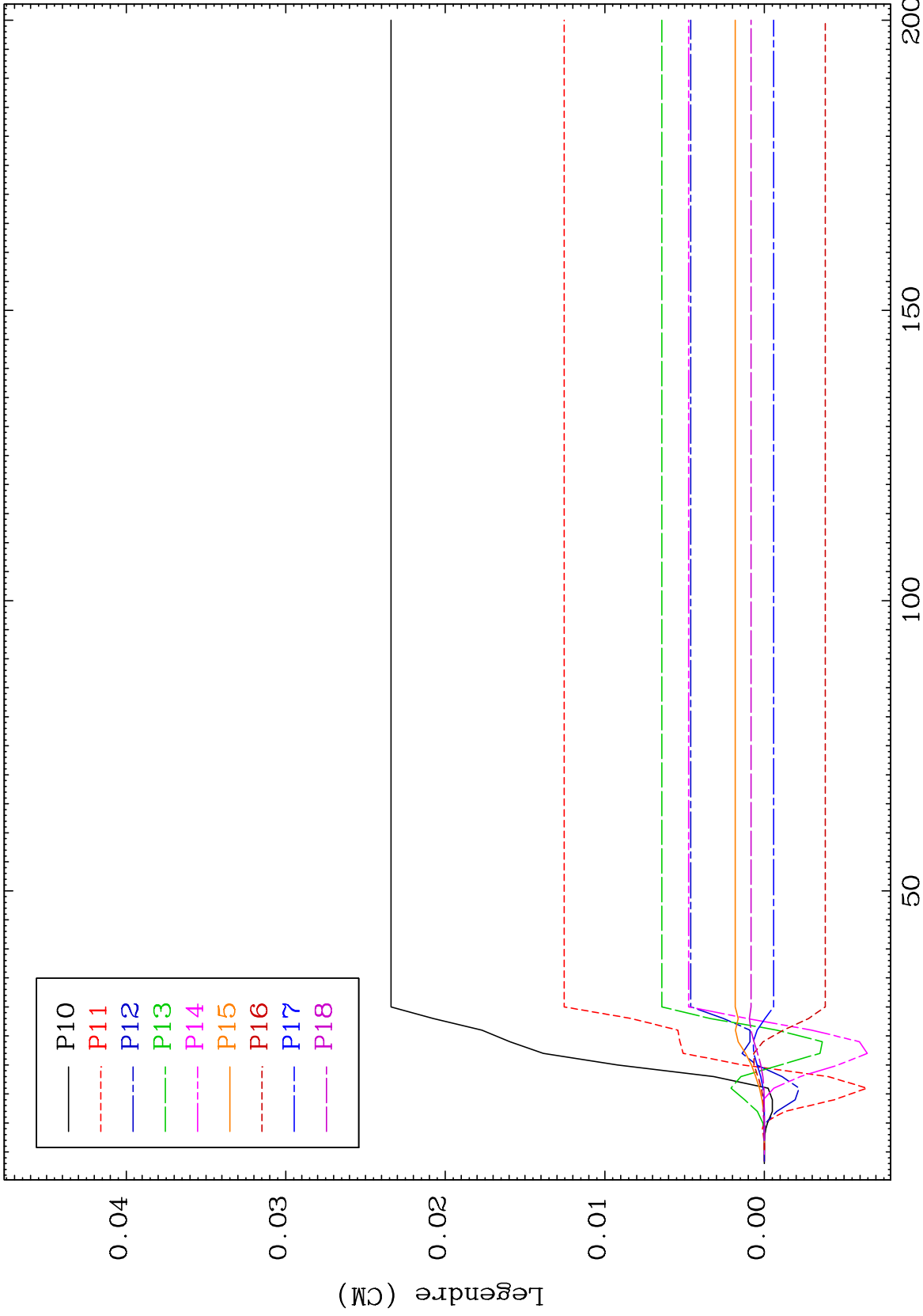
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120

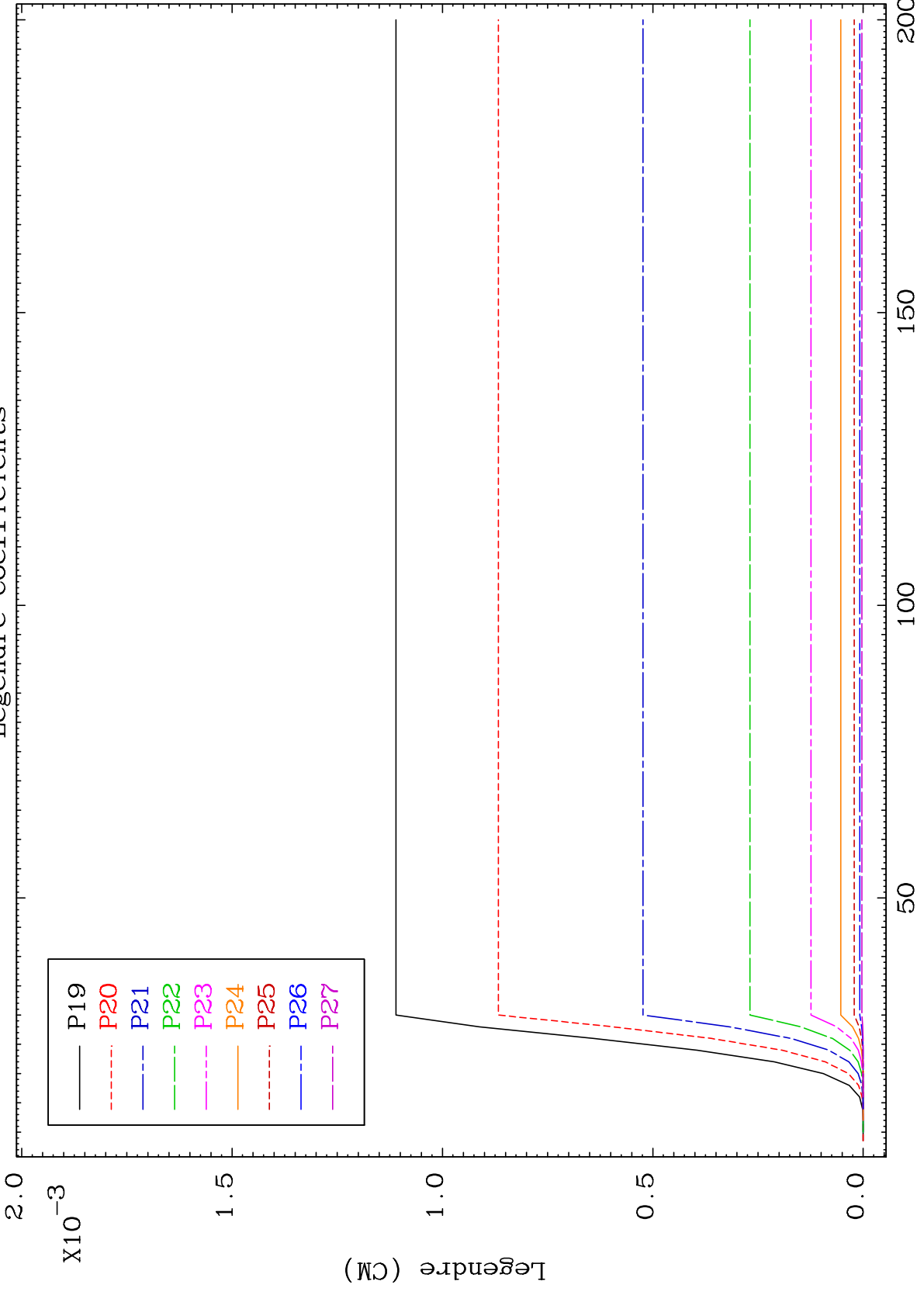


98

Incident Energy (MeV)

50-Sn-120

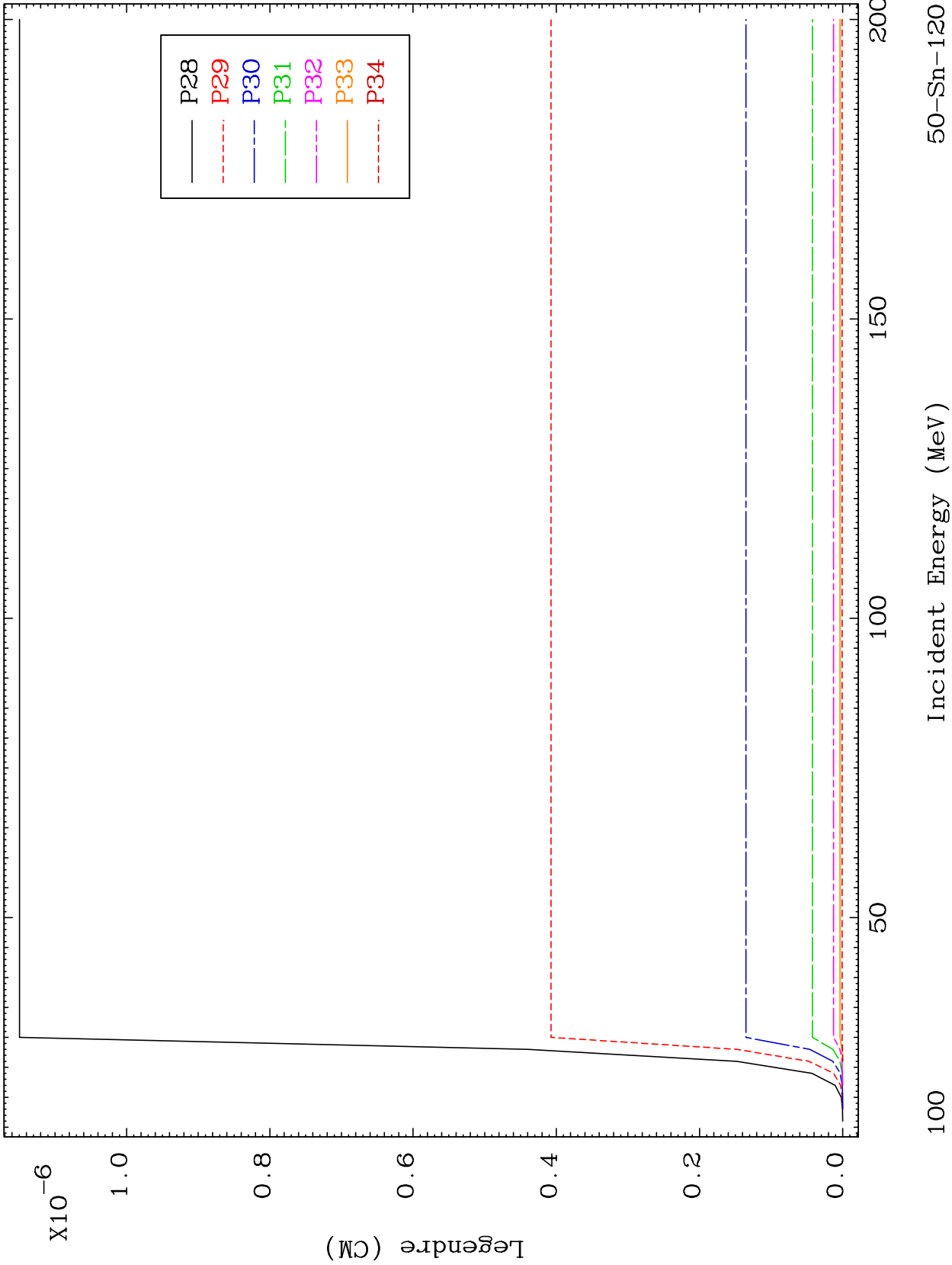
MAT 5049 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049

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

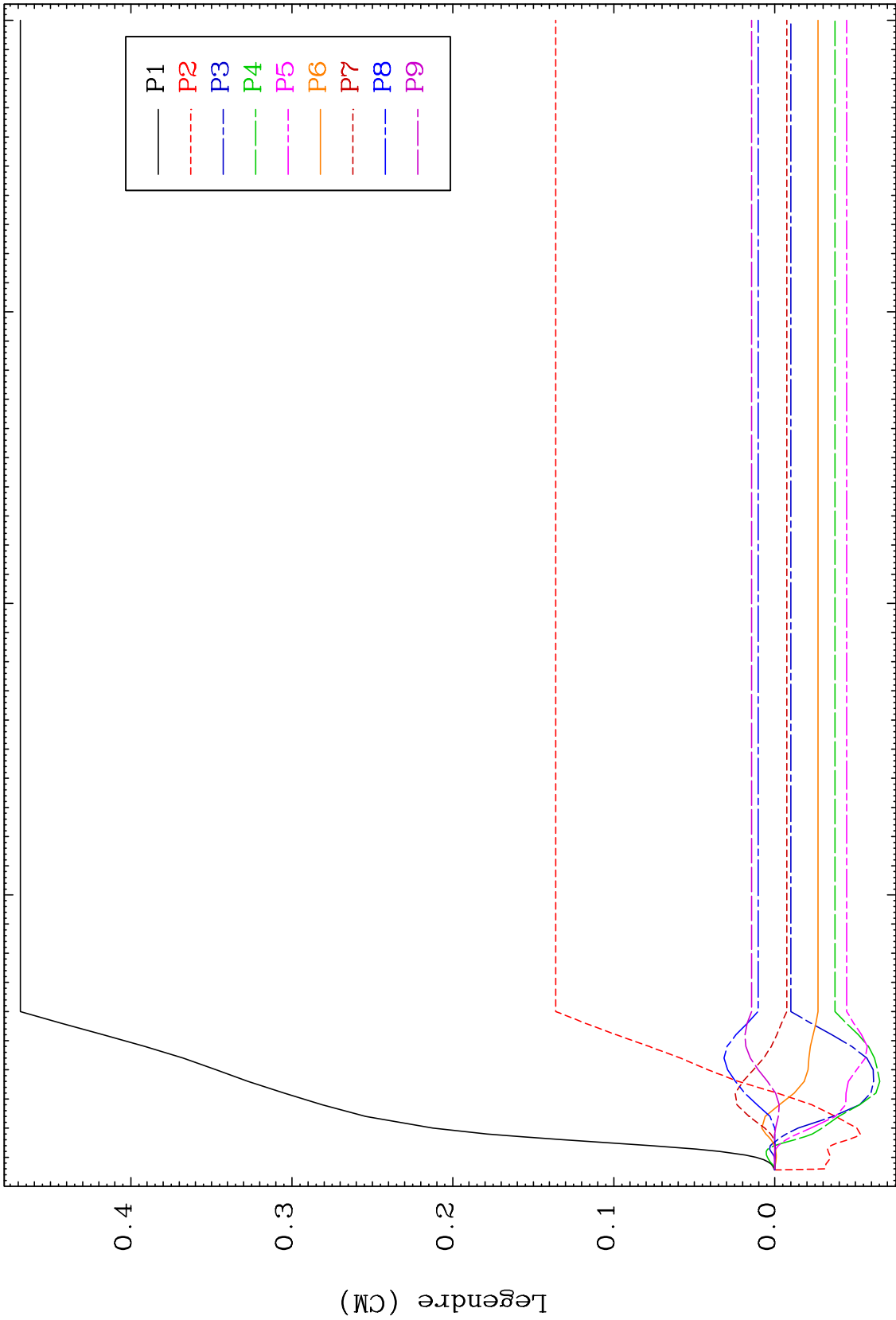
50-Sn-120



MAT 5049

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

50-Sn-120



101

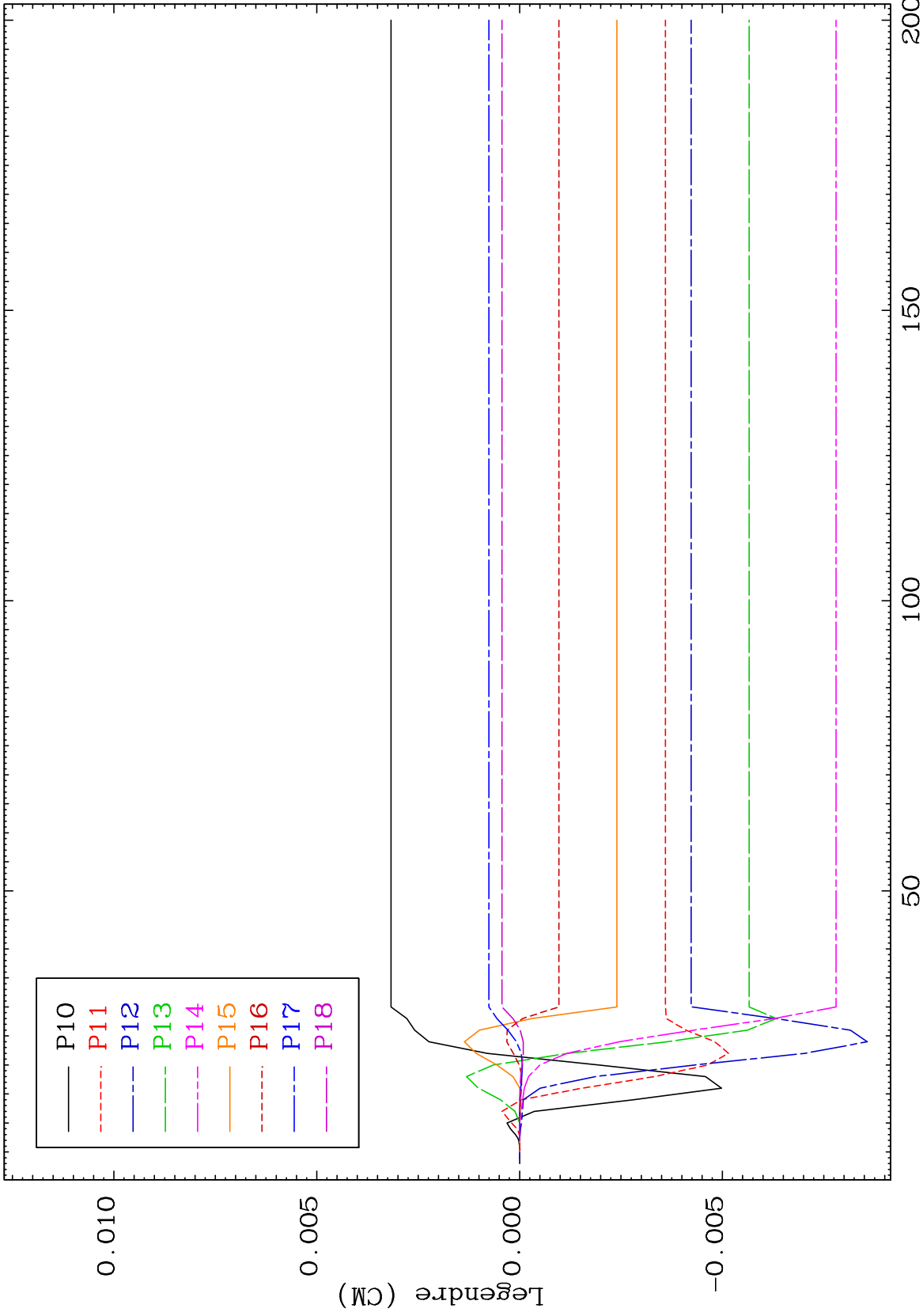
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

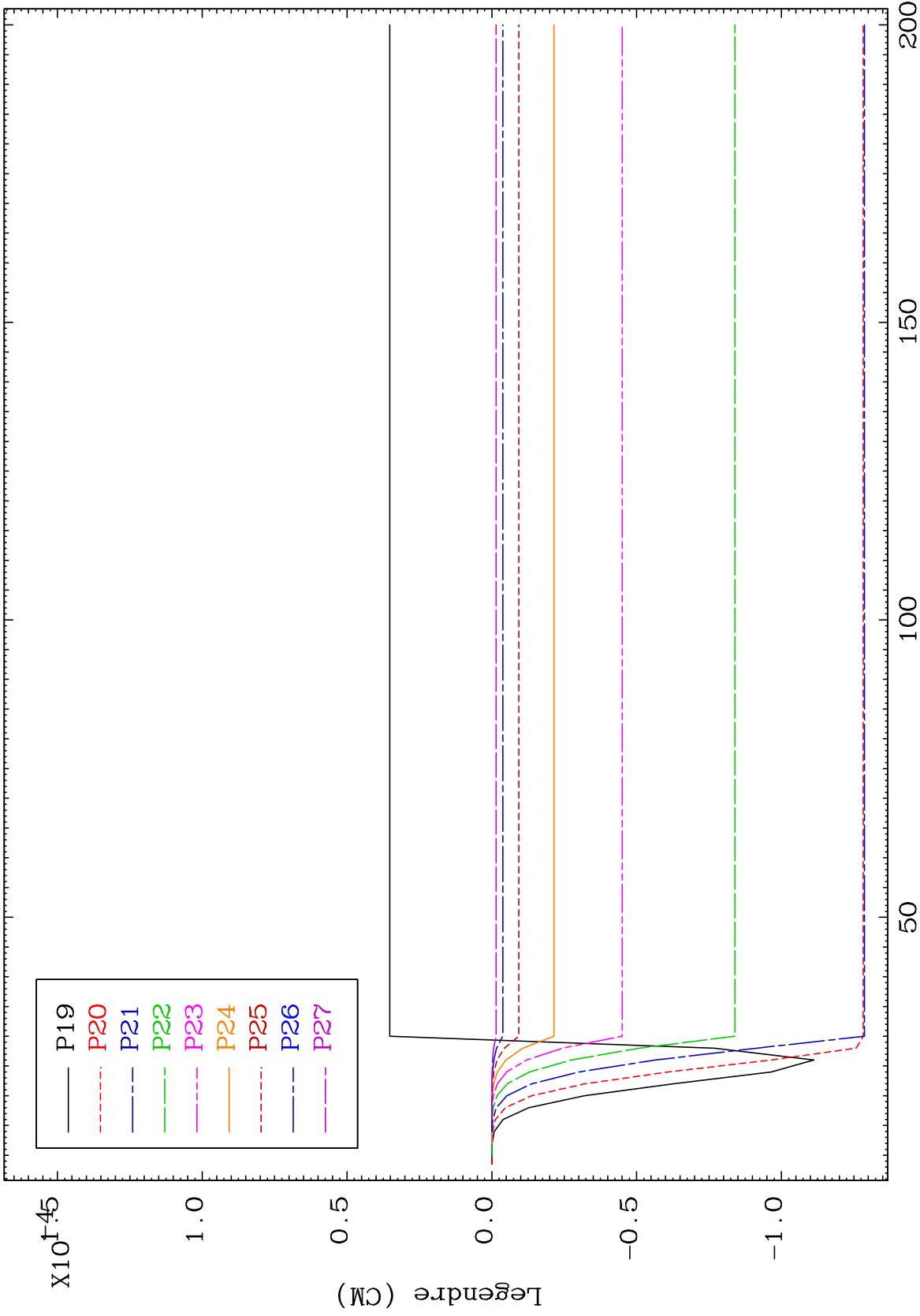
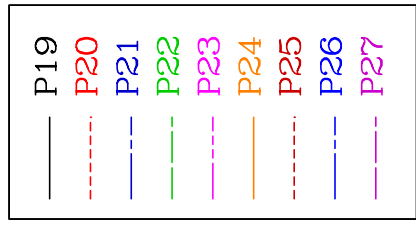
50-Sn-120



MAT 5049

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

50-Sn-120

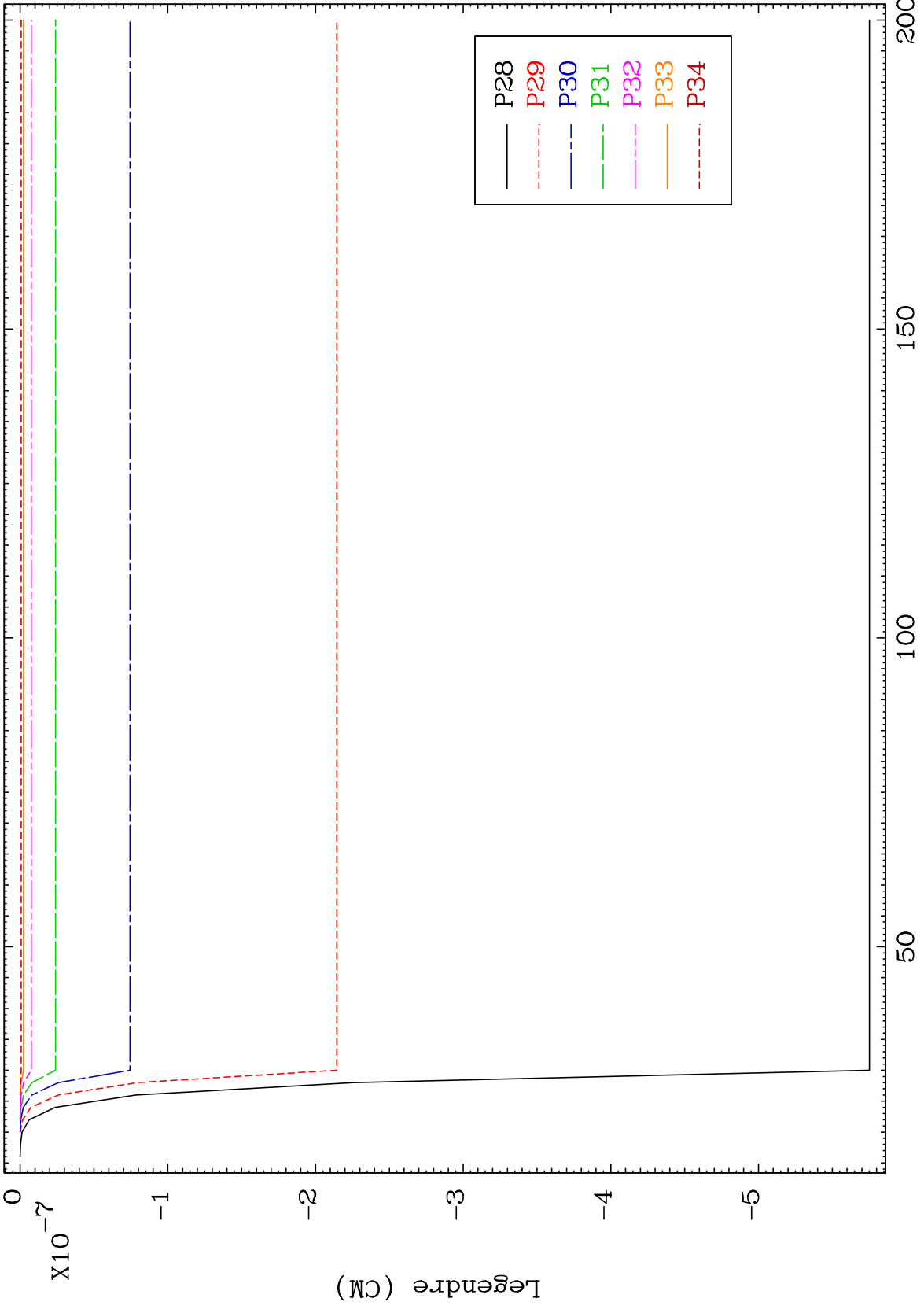


103

Incident Energy (MeV)

50-Sn-120

MAT 5049 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-120

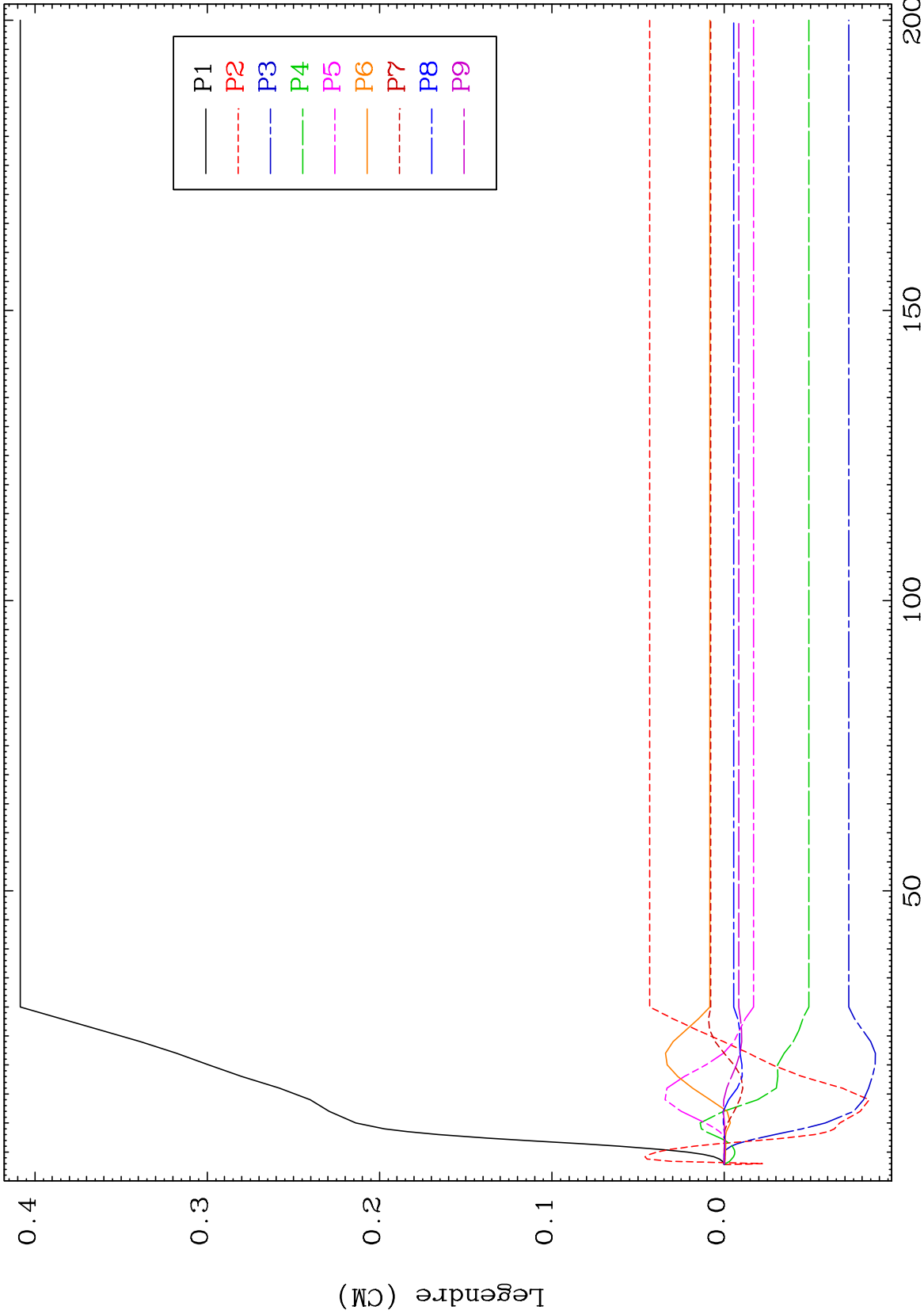


104 50-Sn-120

MAT 5049

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

50-Sn-120



105

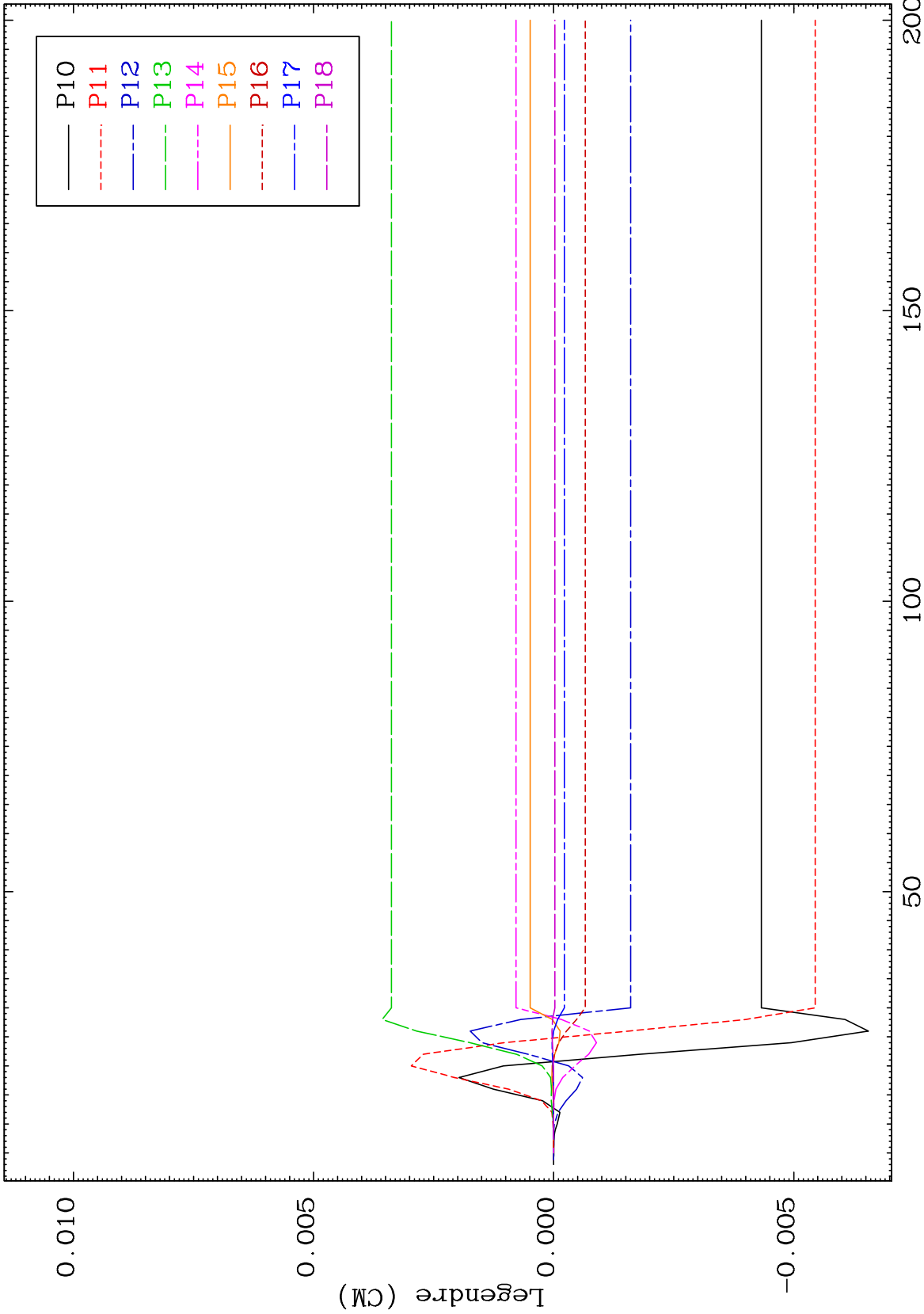
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



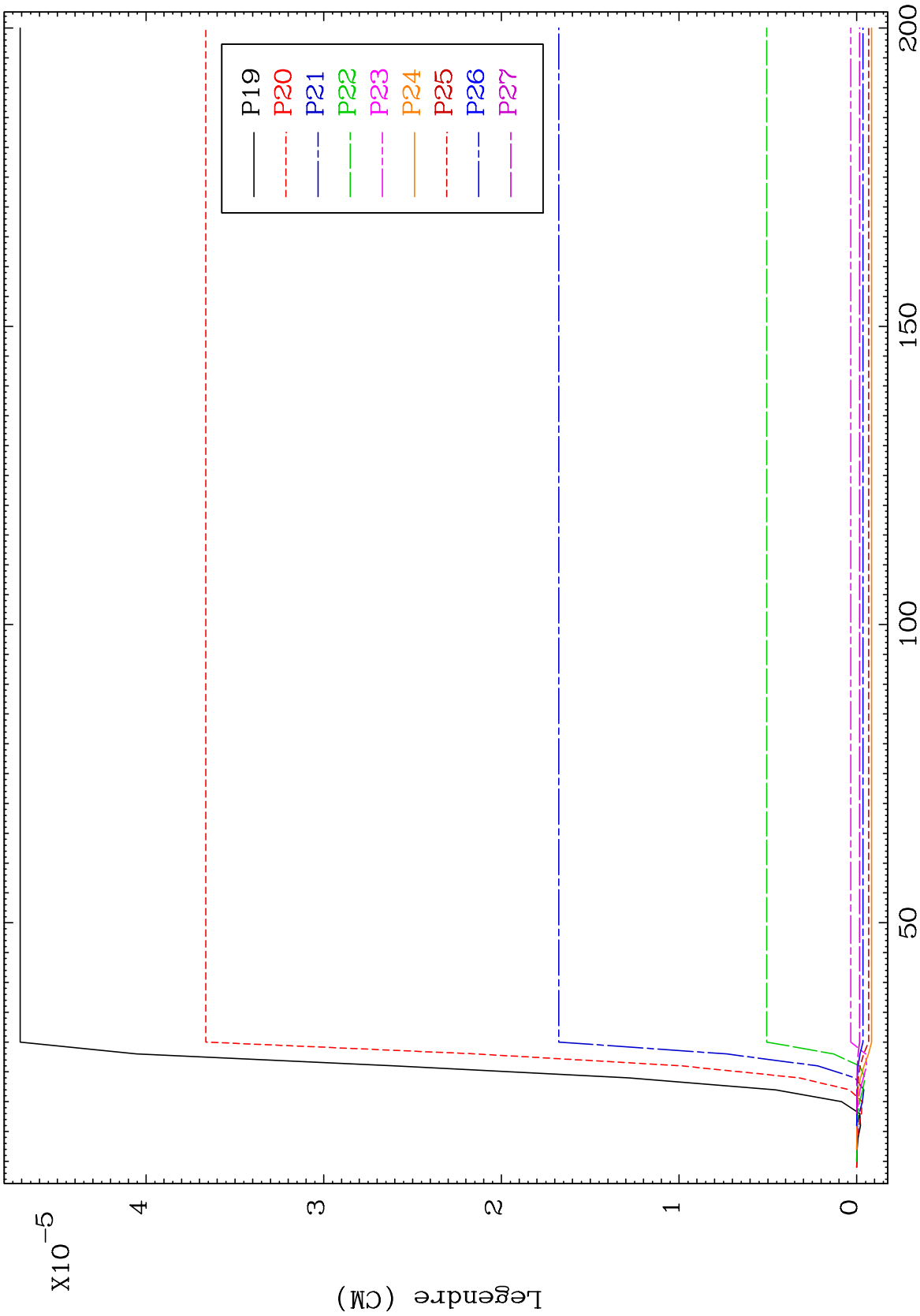
106

50-Sn-120

MAT 5049

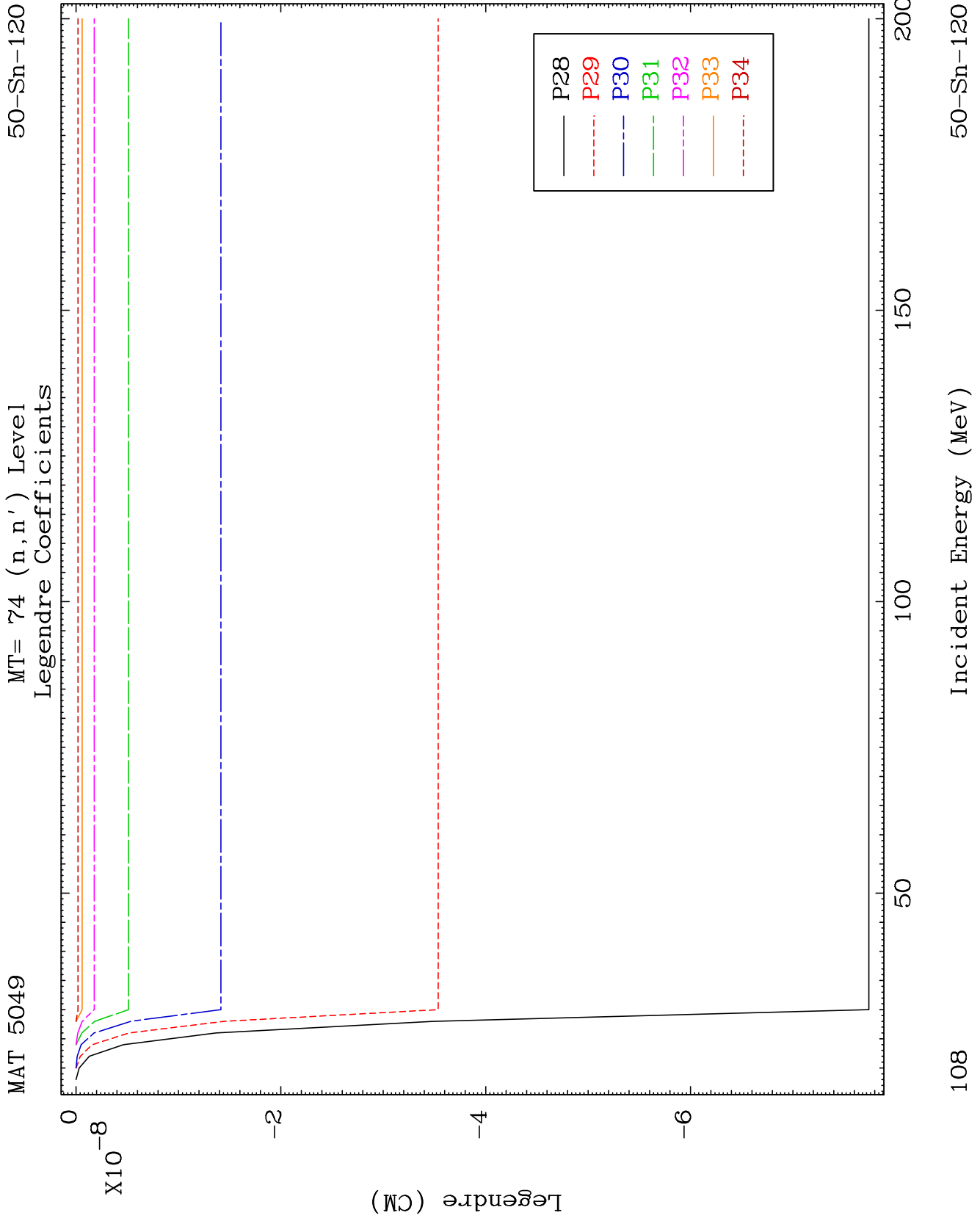
MT= 74 (n,n') Level
Legendre Coefficients

50-Sn-120

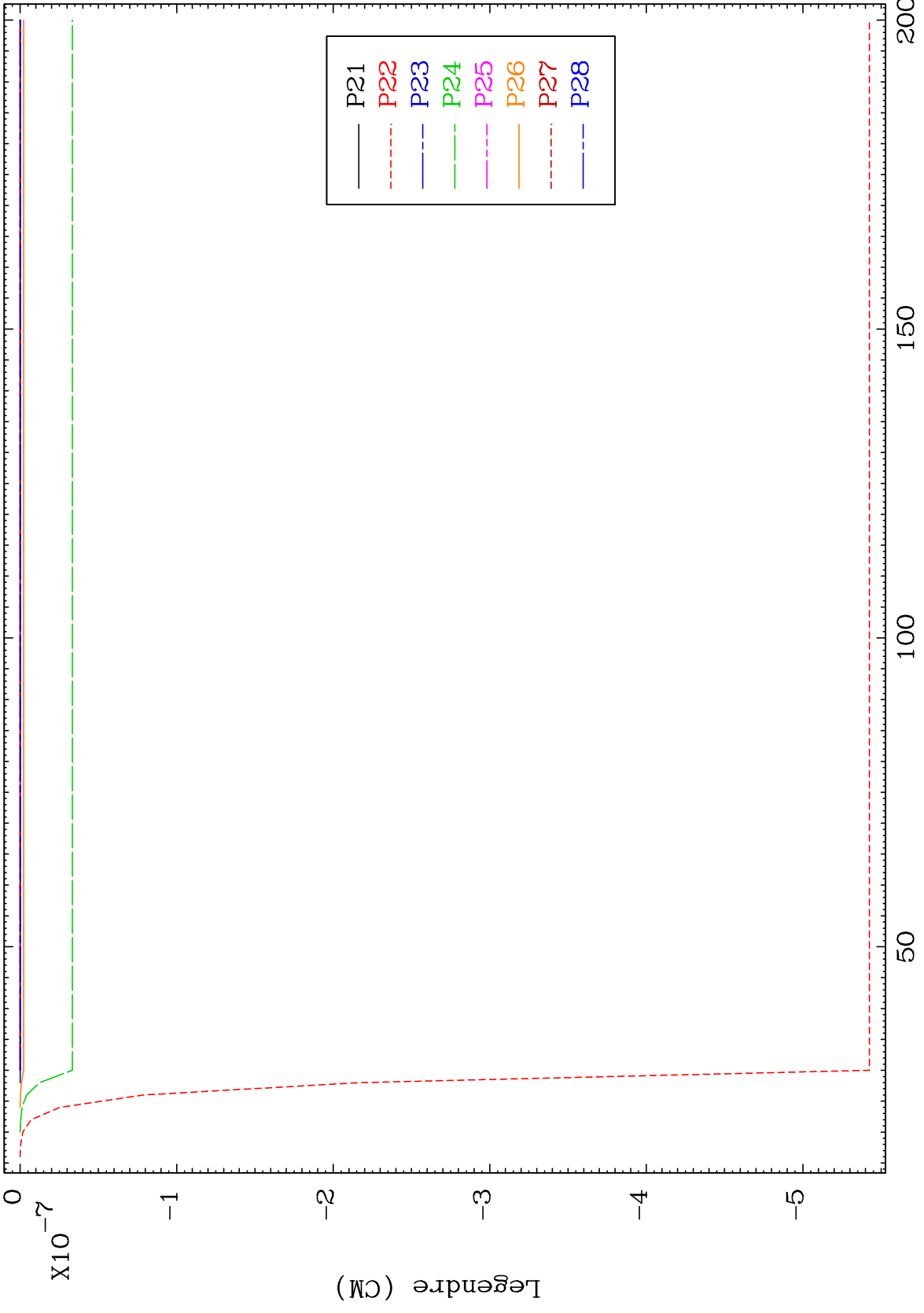


107

50-Sn-120



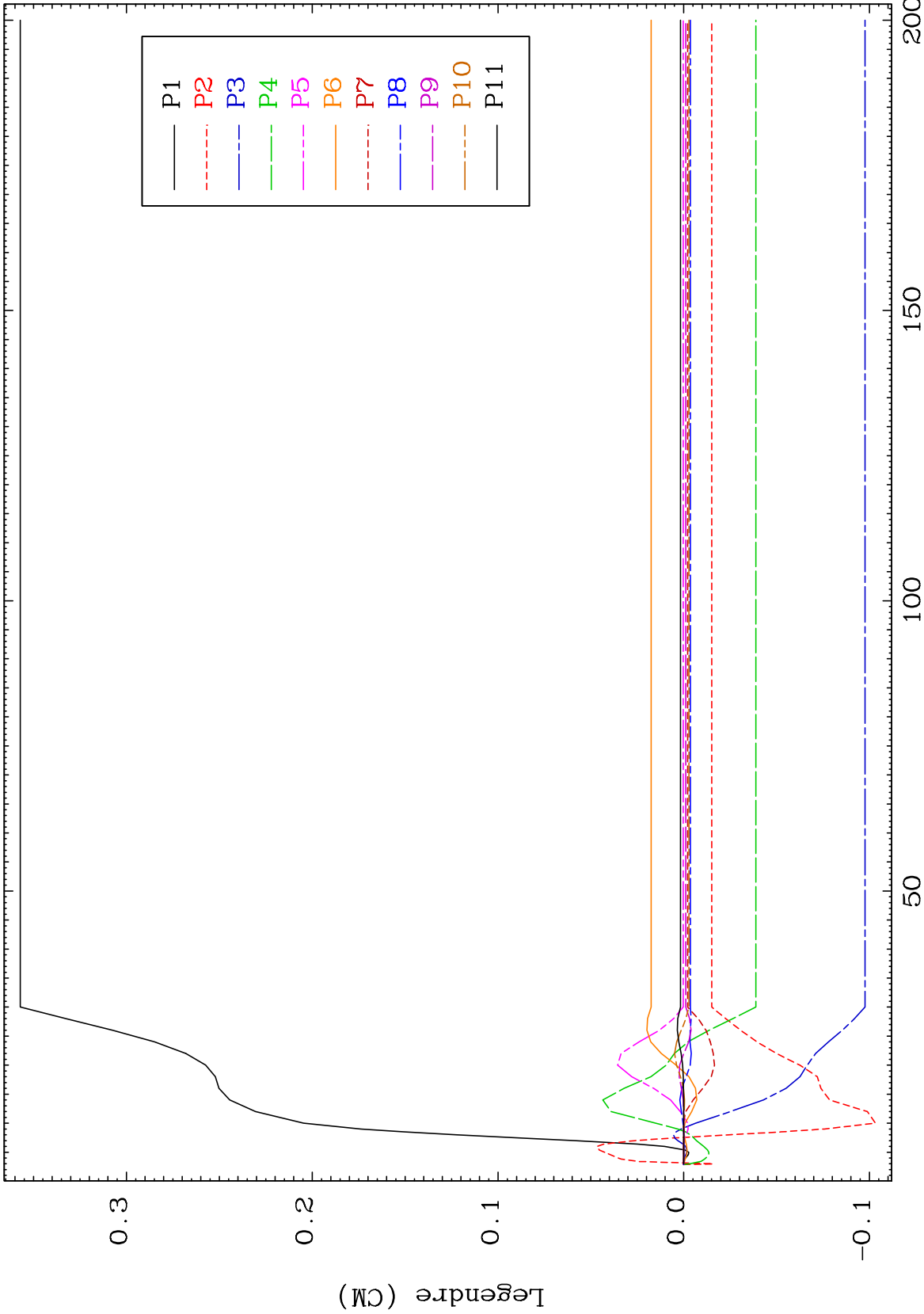
MAT 5049 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049

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

50-Sn-120



112

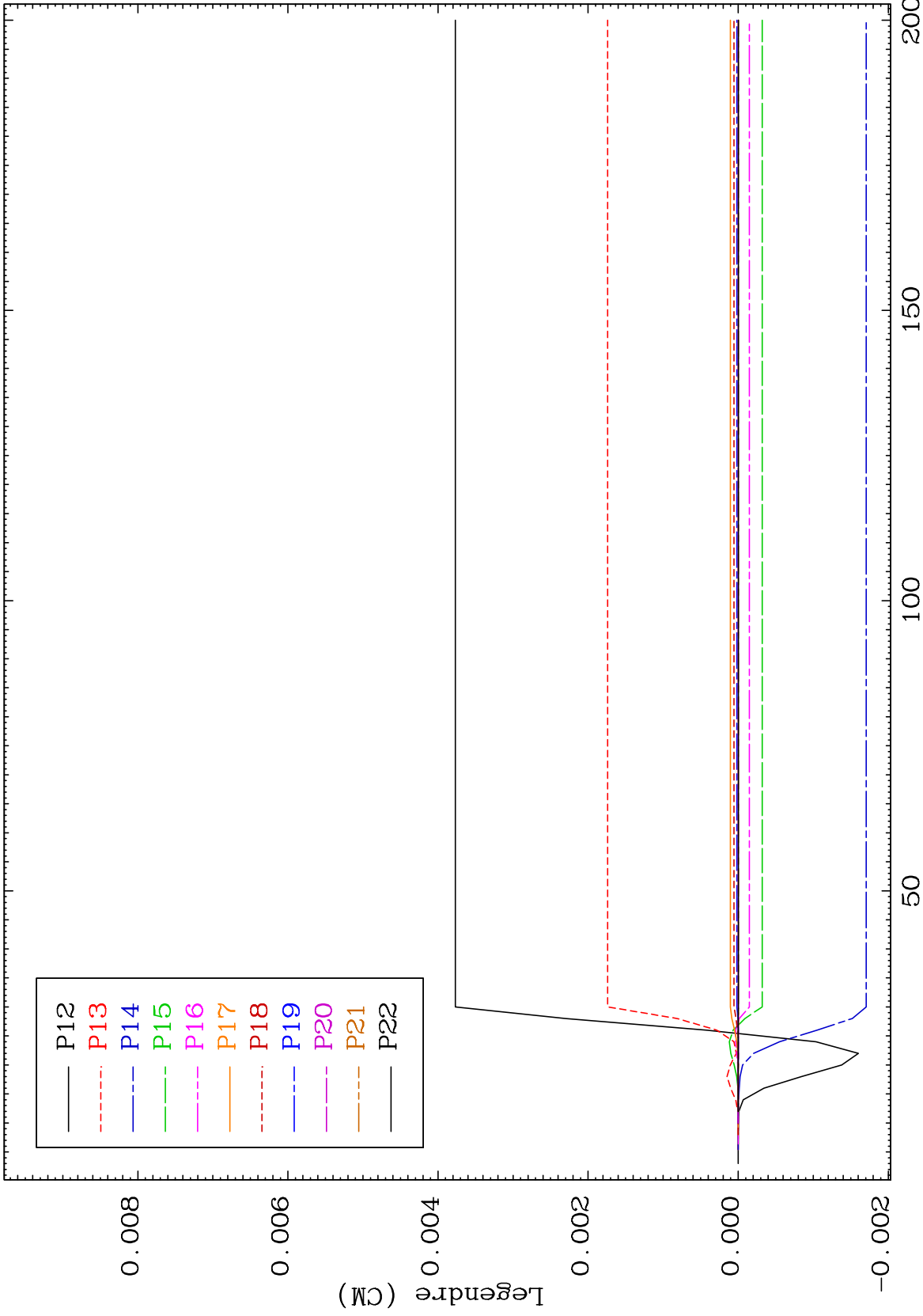
Incident Energy (MeV)

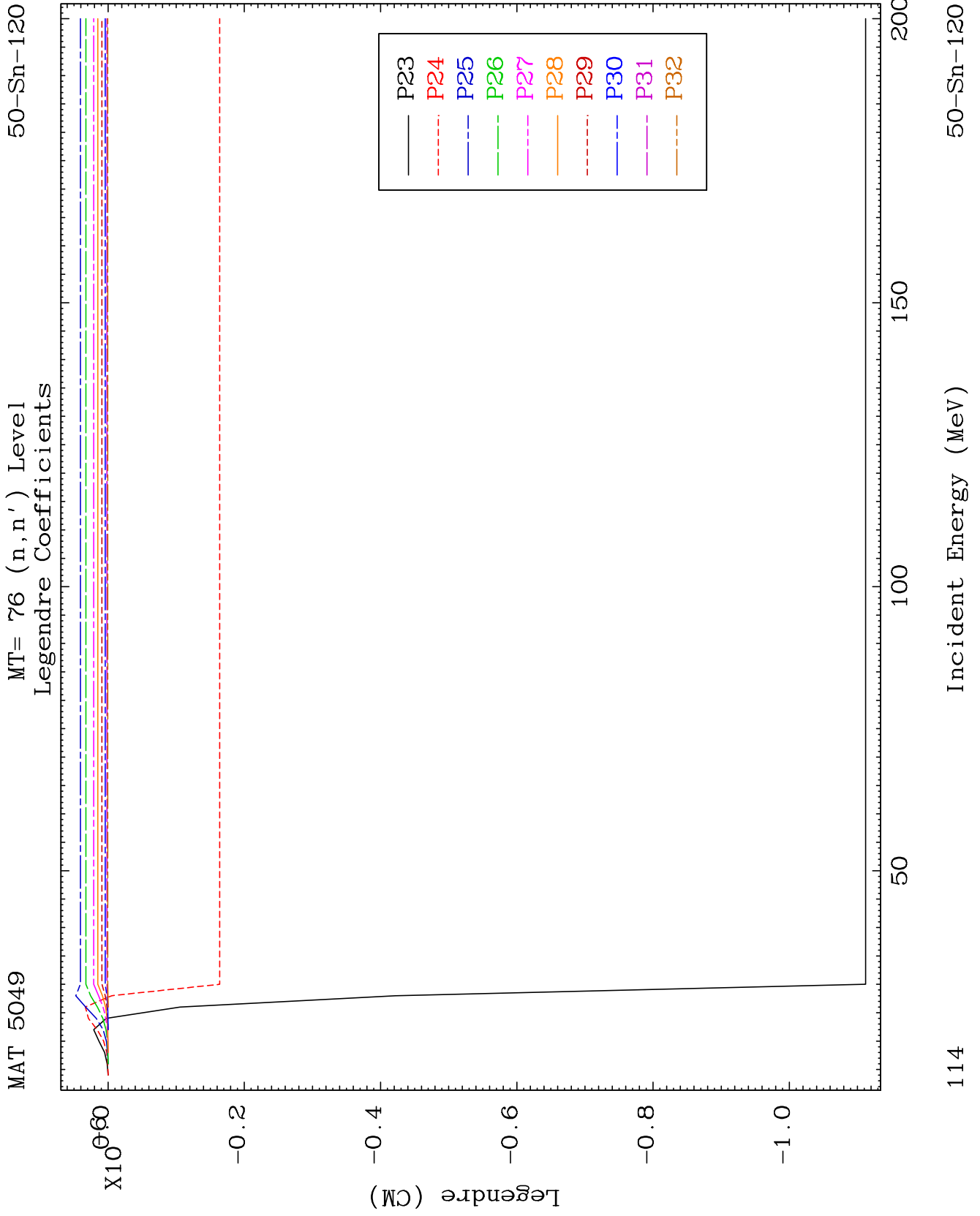
50-Sn-120

MAT 5049

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

50-Sn-120

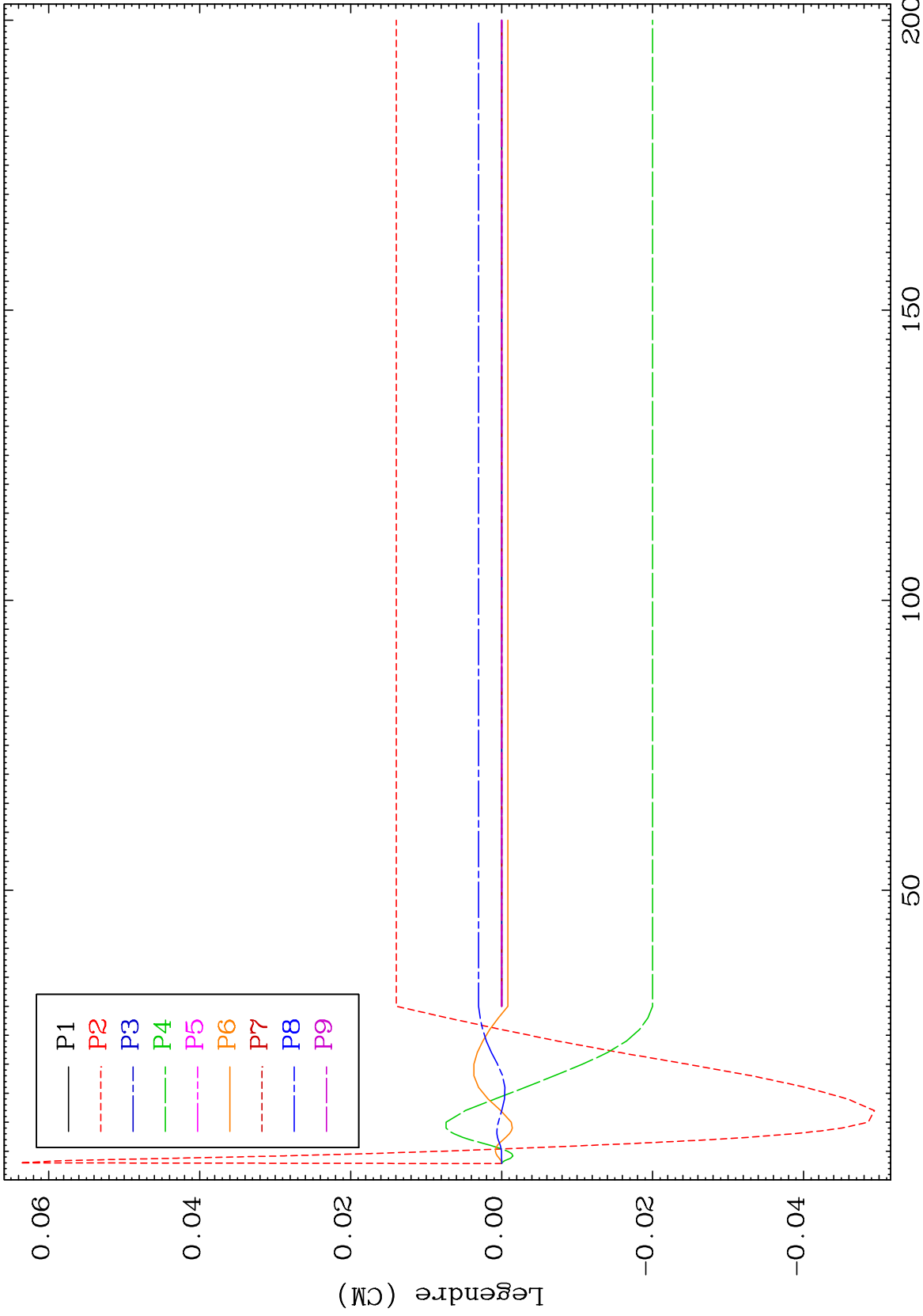




MAT 5049

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

50-Sn-120



115

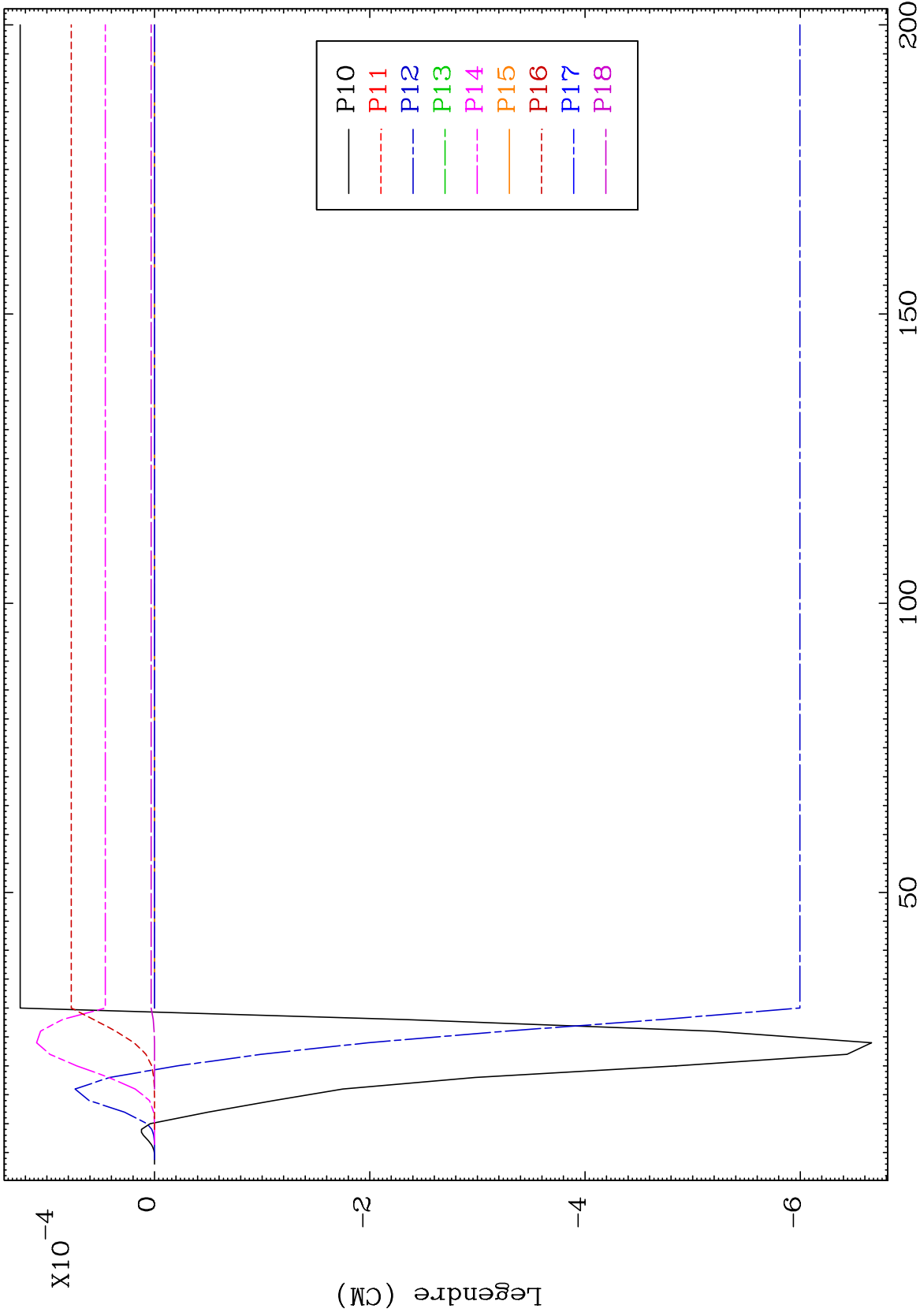
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

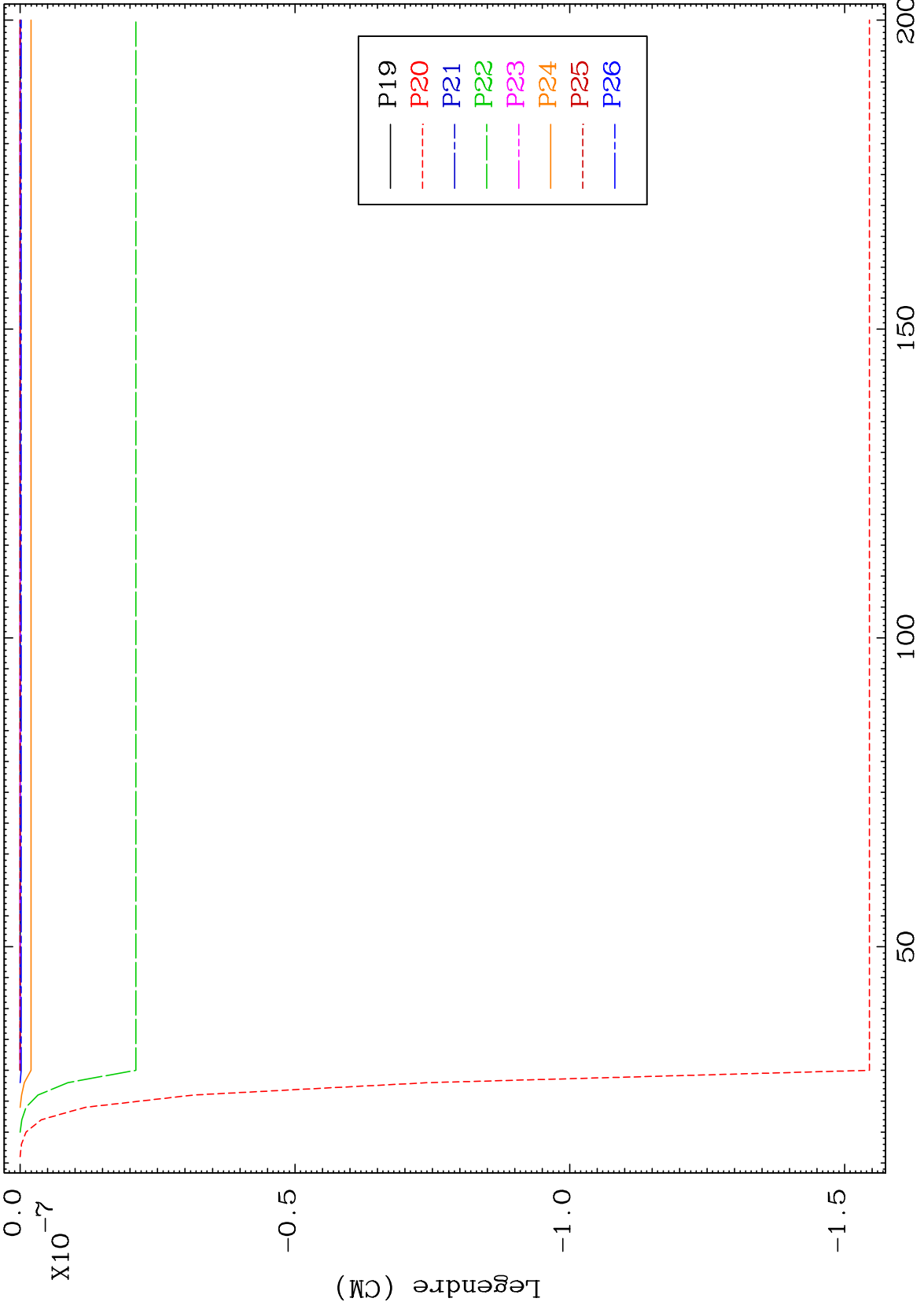
50-Sn-120



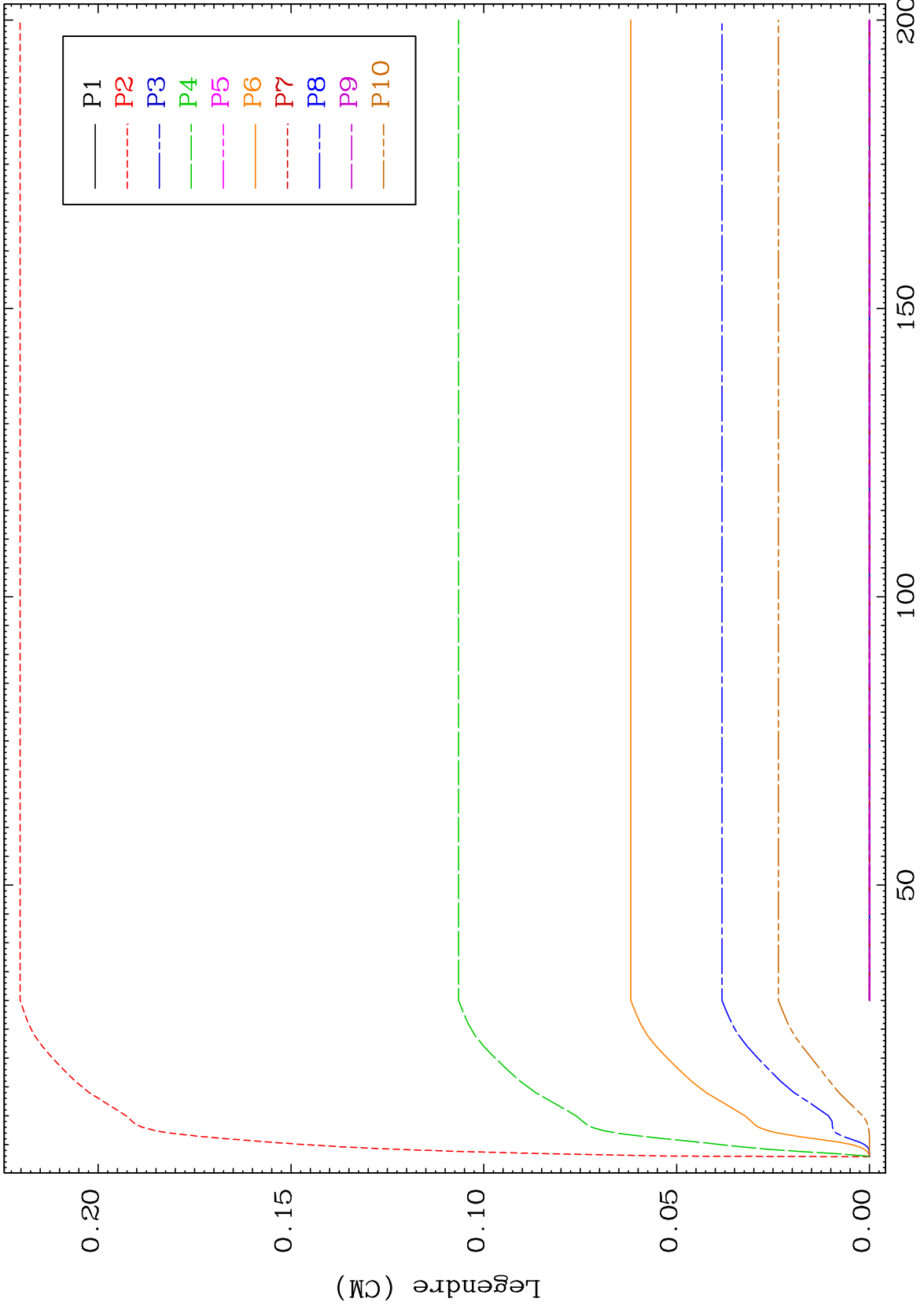
116

50-Sn-120

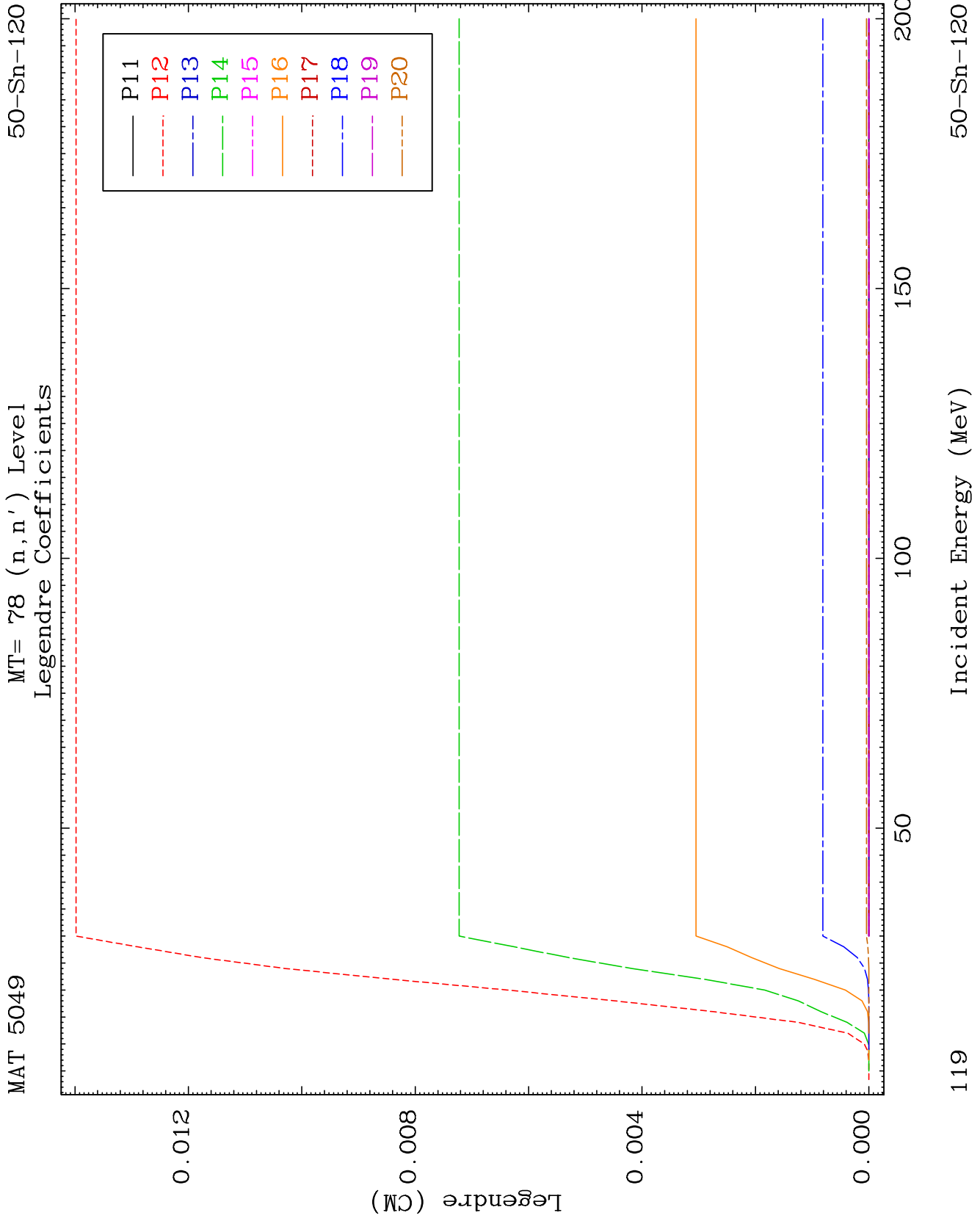
MAT 5049 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-120



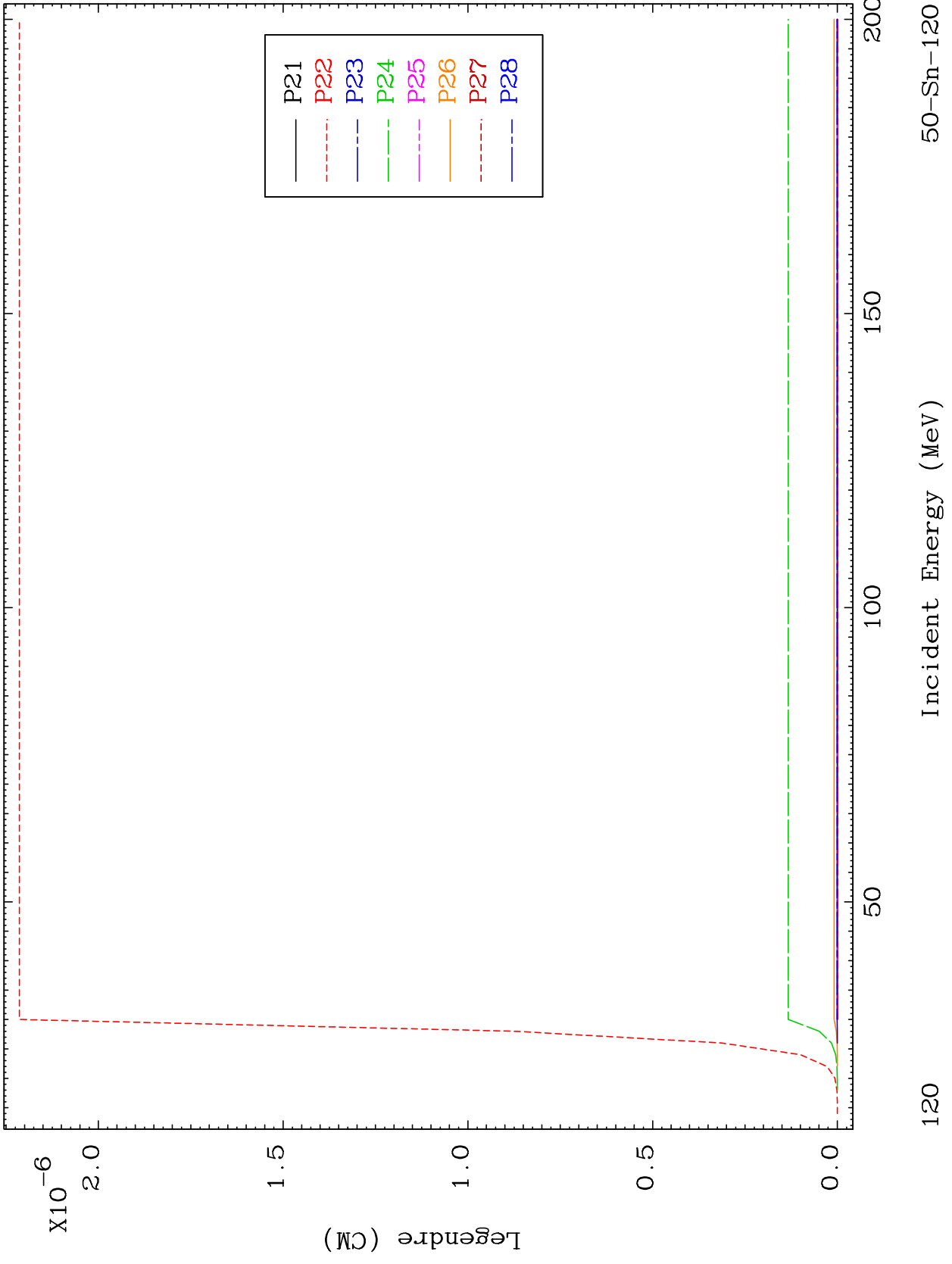
MAT 5049 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-120



118 Incident Energy (MeV) 50-Sn-120



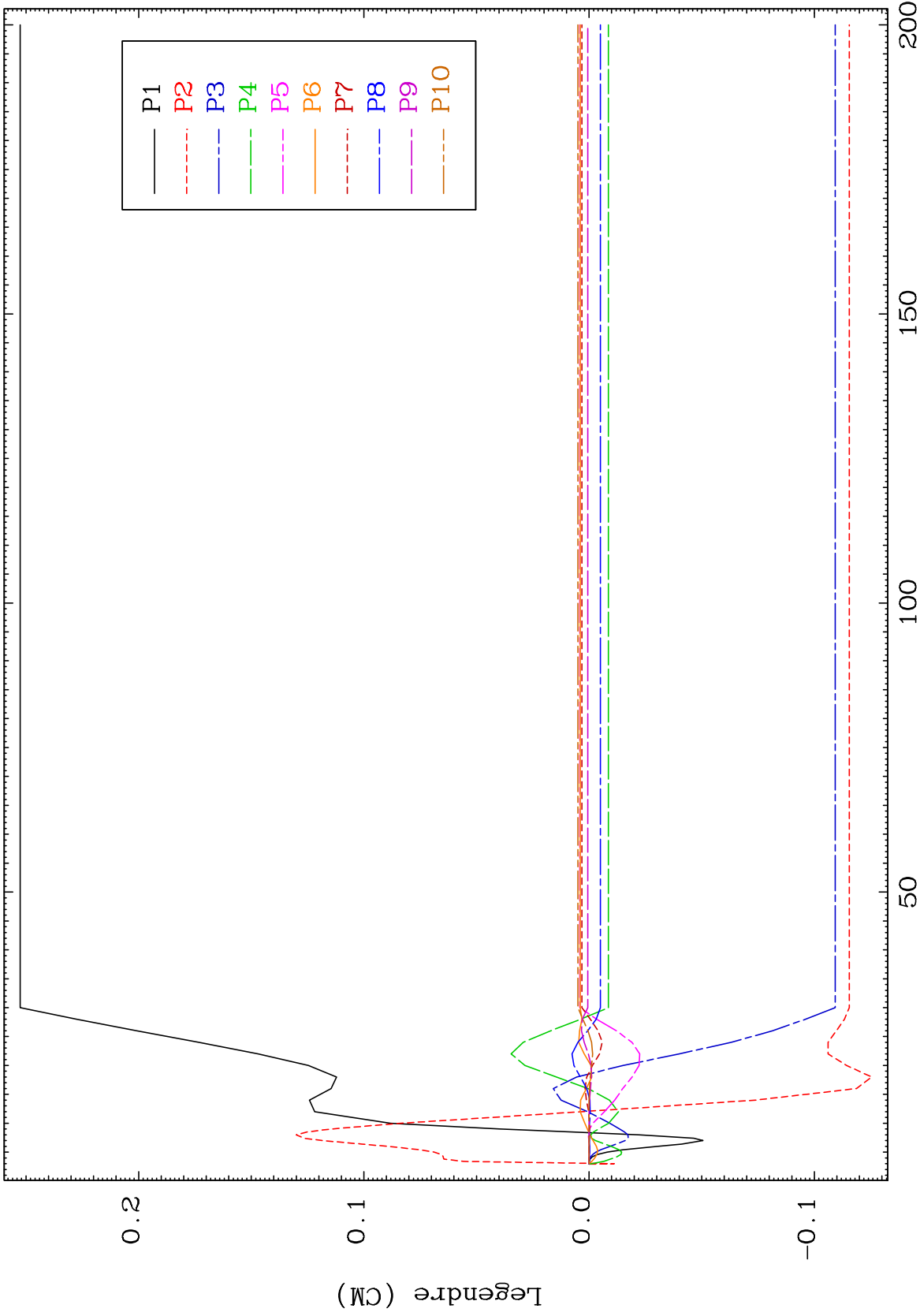
MAT 5049 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-120



MAT 5049

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

50-Sn-120



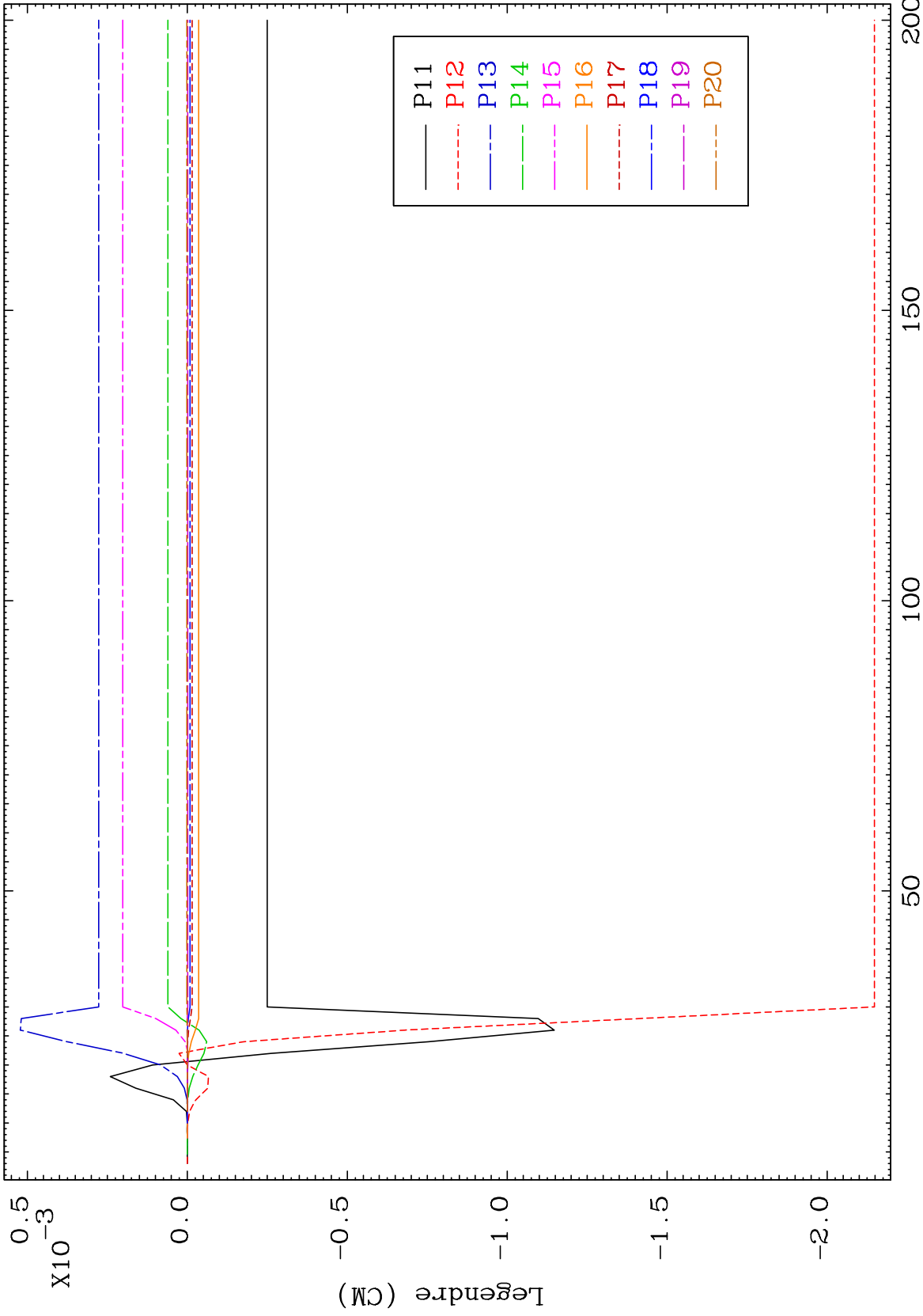
121

50-Sn-120

MAT 5049

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

50-Sn-120



122

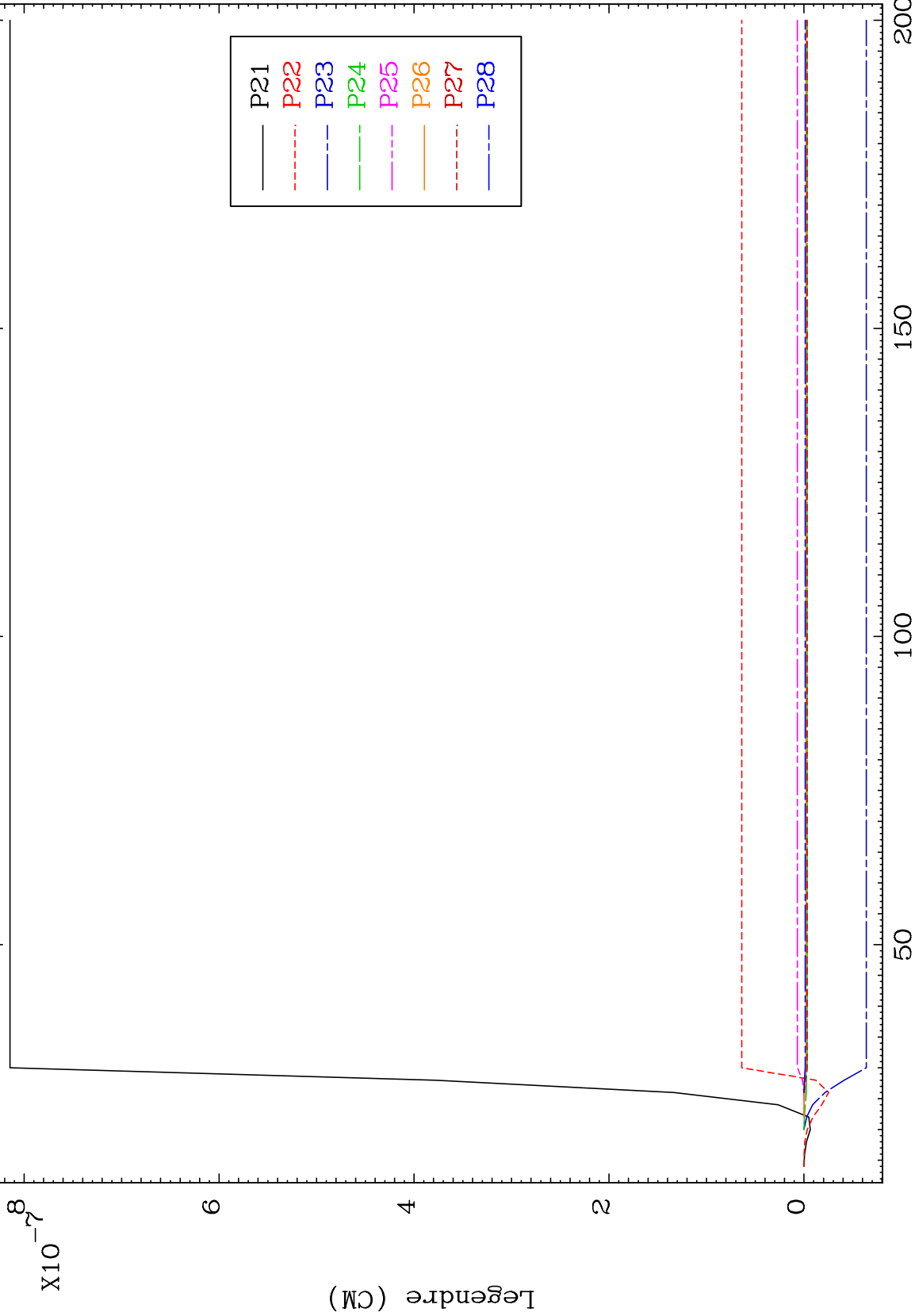
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

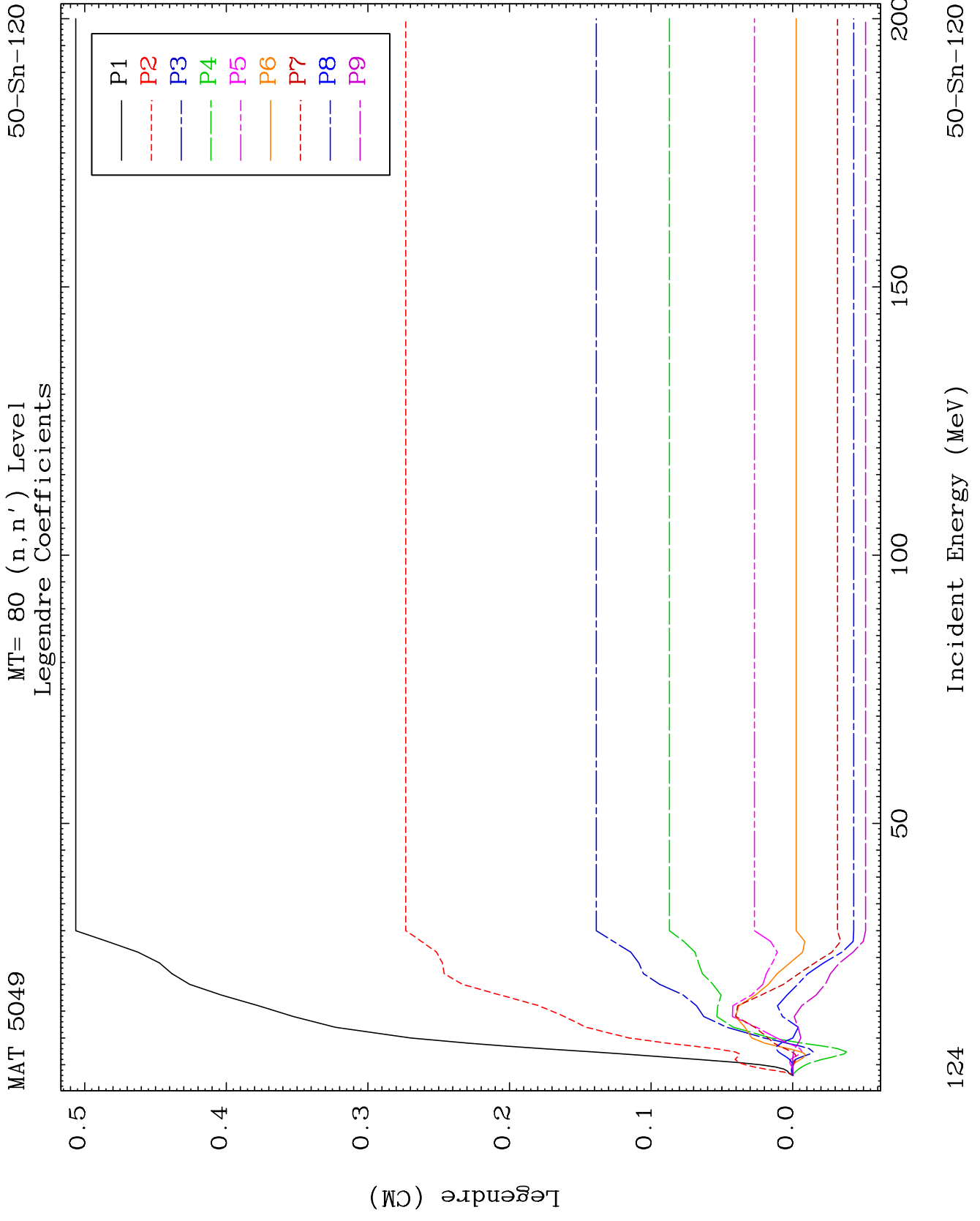
50-Sn-120



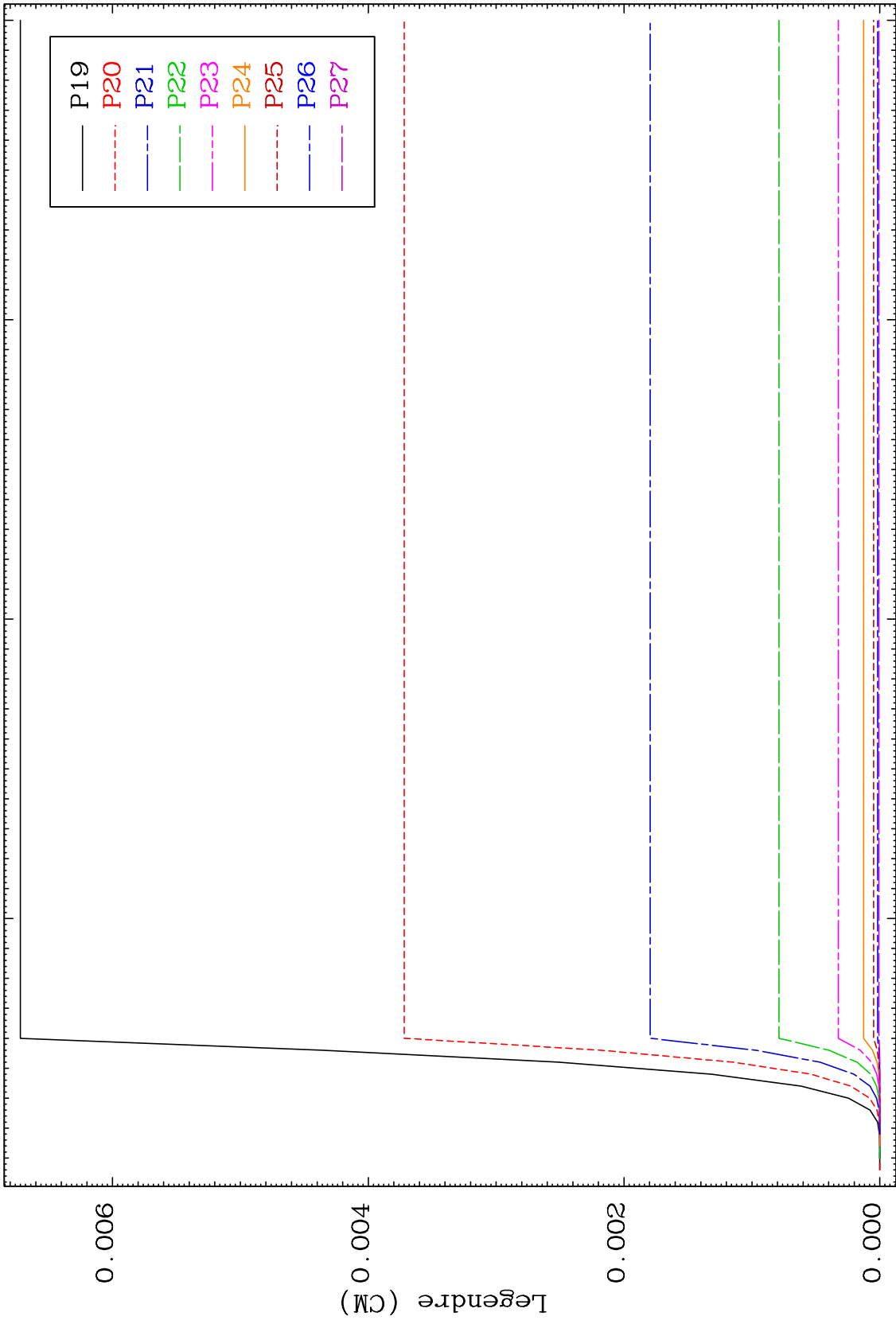
123

Incident Energy (MeV)

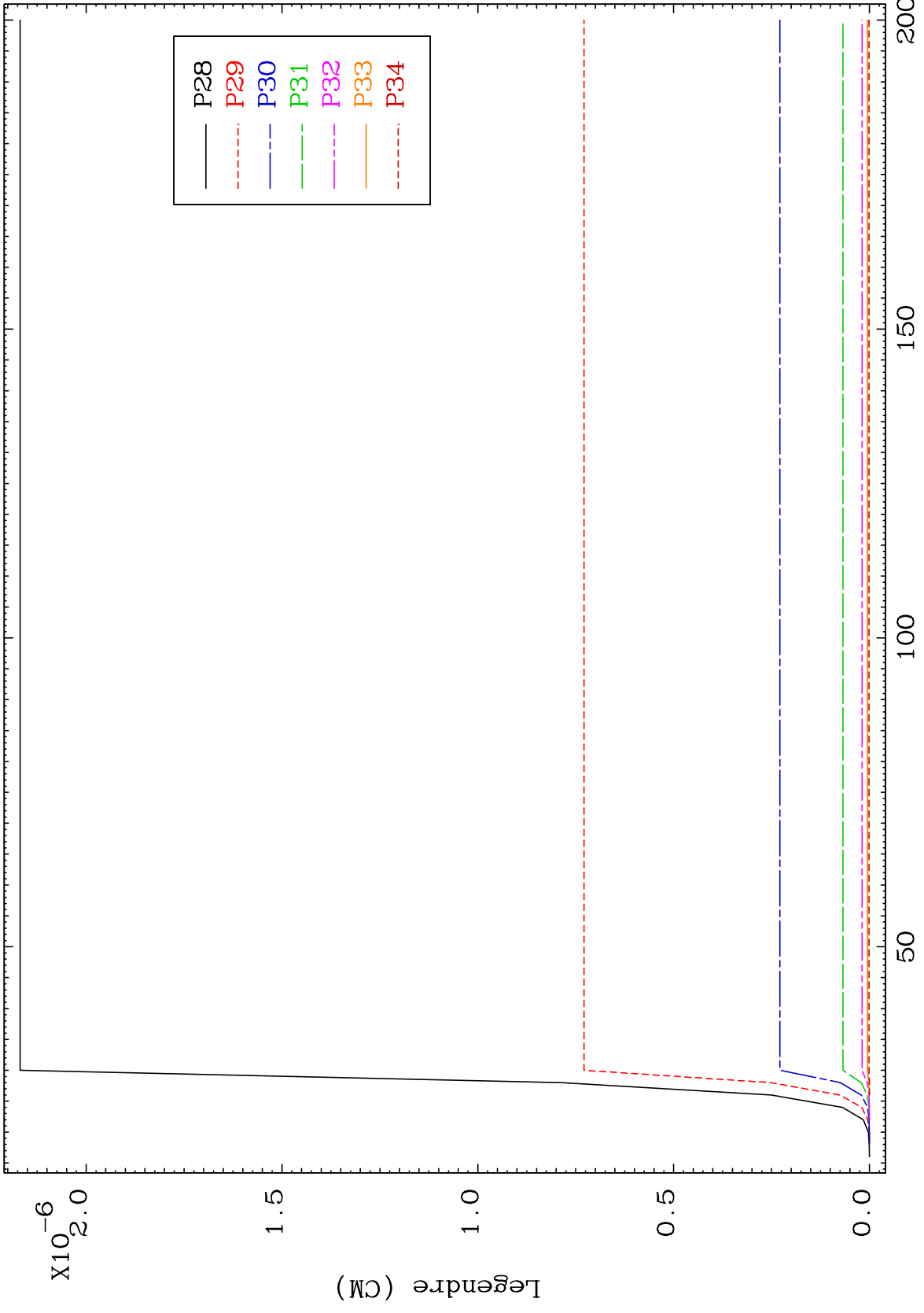
50-Sn-120



MAT 5049 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-120

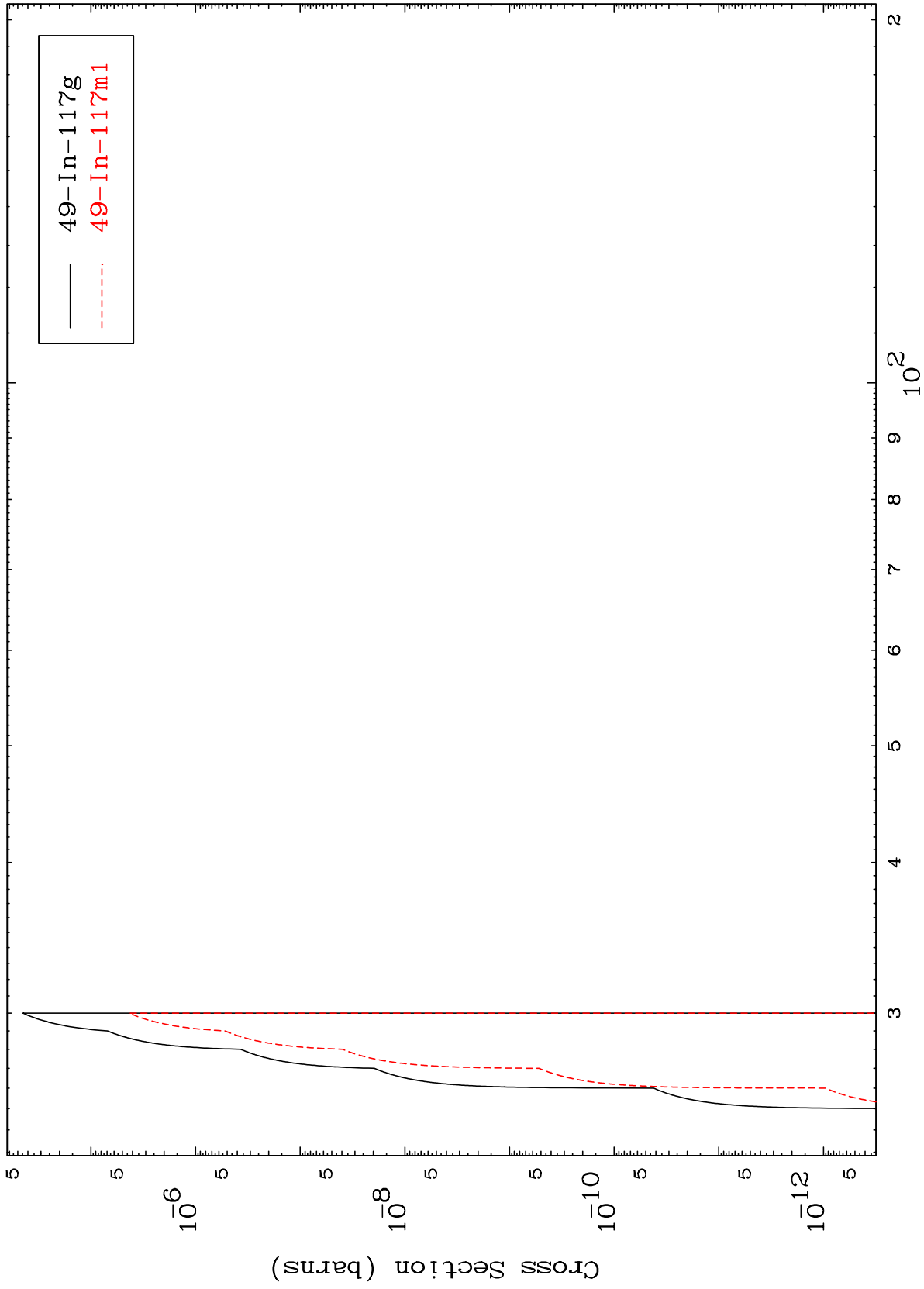


MAT 5049 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-120



127 50-Sn-120

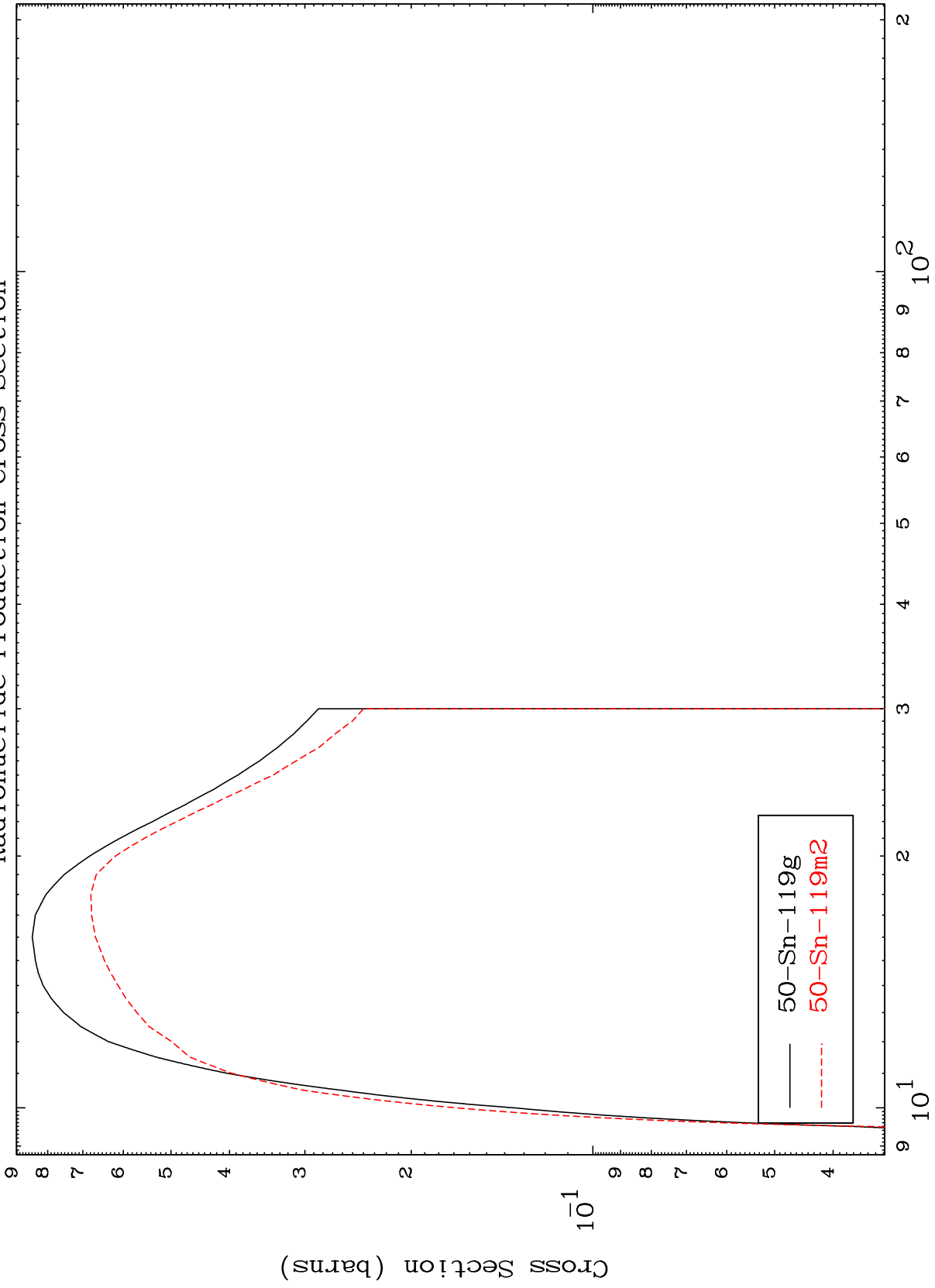
Radionuclide Production Cross Section



MAT 5049

50-Sn-120

(n,2n)
Radionuclide Production Cross Section



129

Incident Energy (MeV)

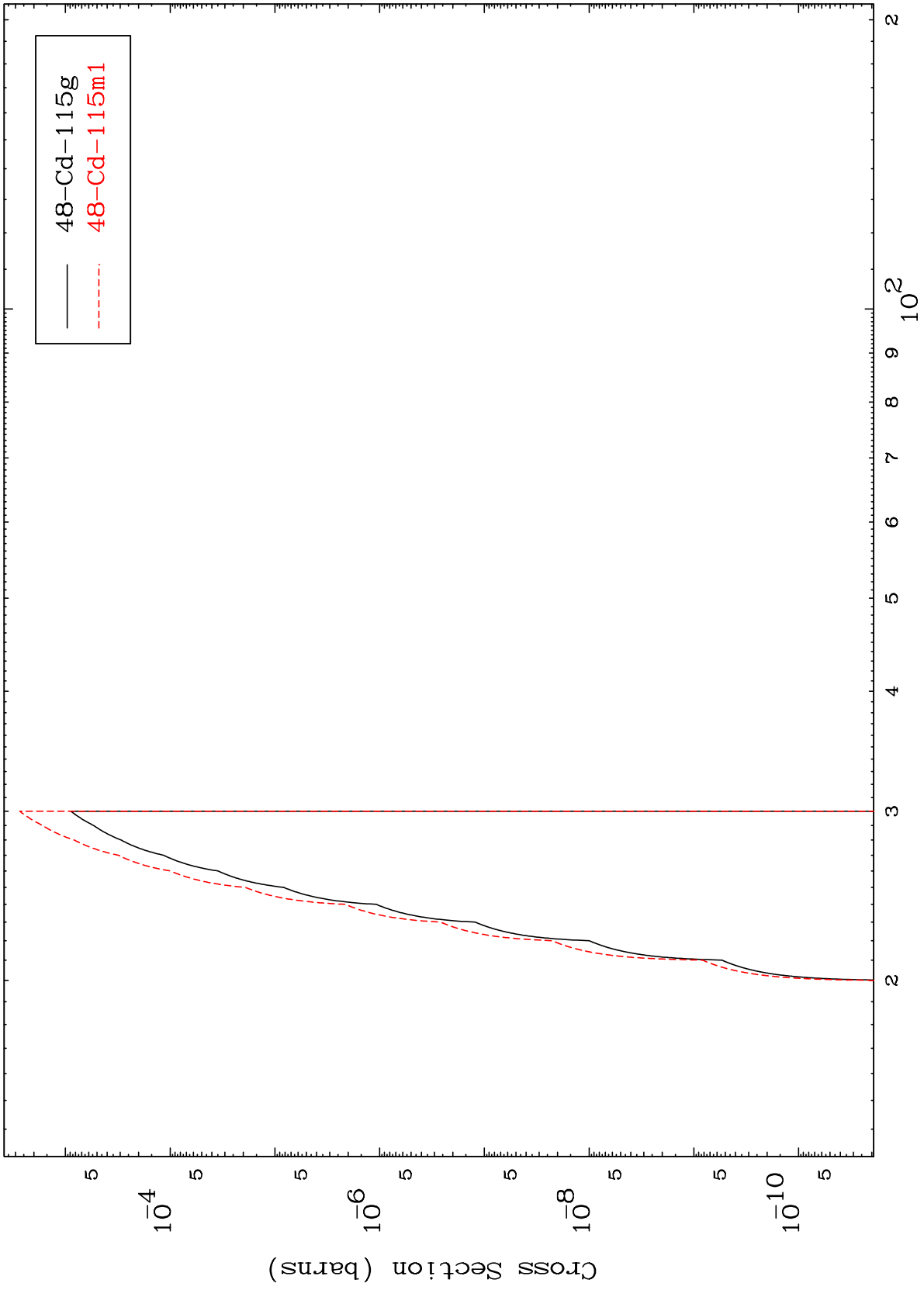
50-Sn-120

MAT 5049

(n,2n) α

50-Sn-120

Radionuclide Production Cross Section



130

Incident Energy (MeV)

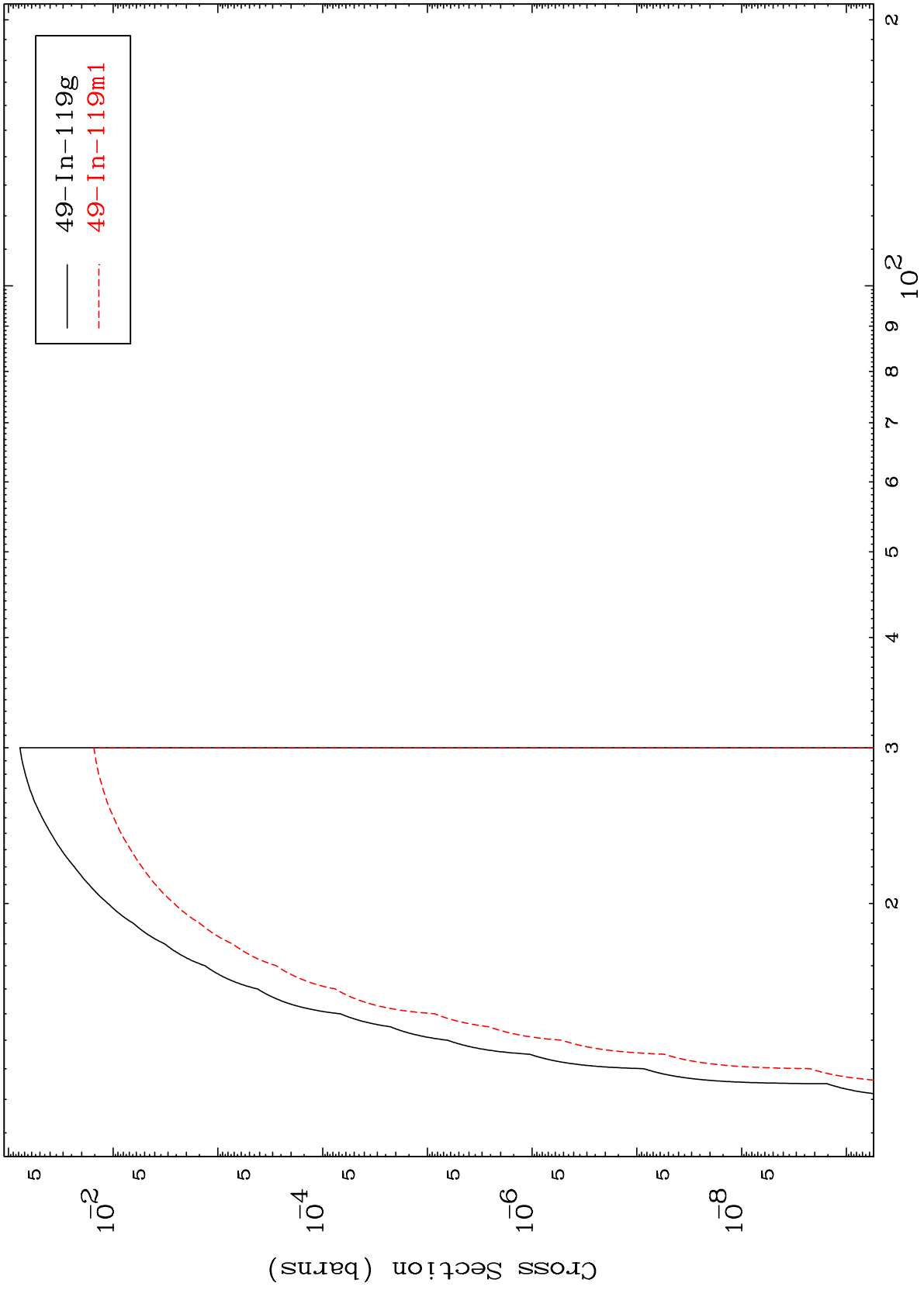
50-Sn-120

MAT 5049

(n,n') p

50-Sn-120

Radionuclide Production Cross Section



131

Incident Energy (MeV)

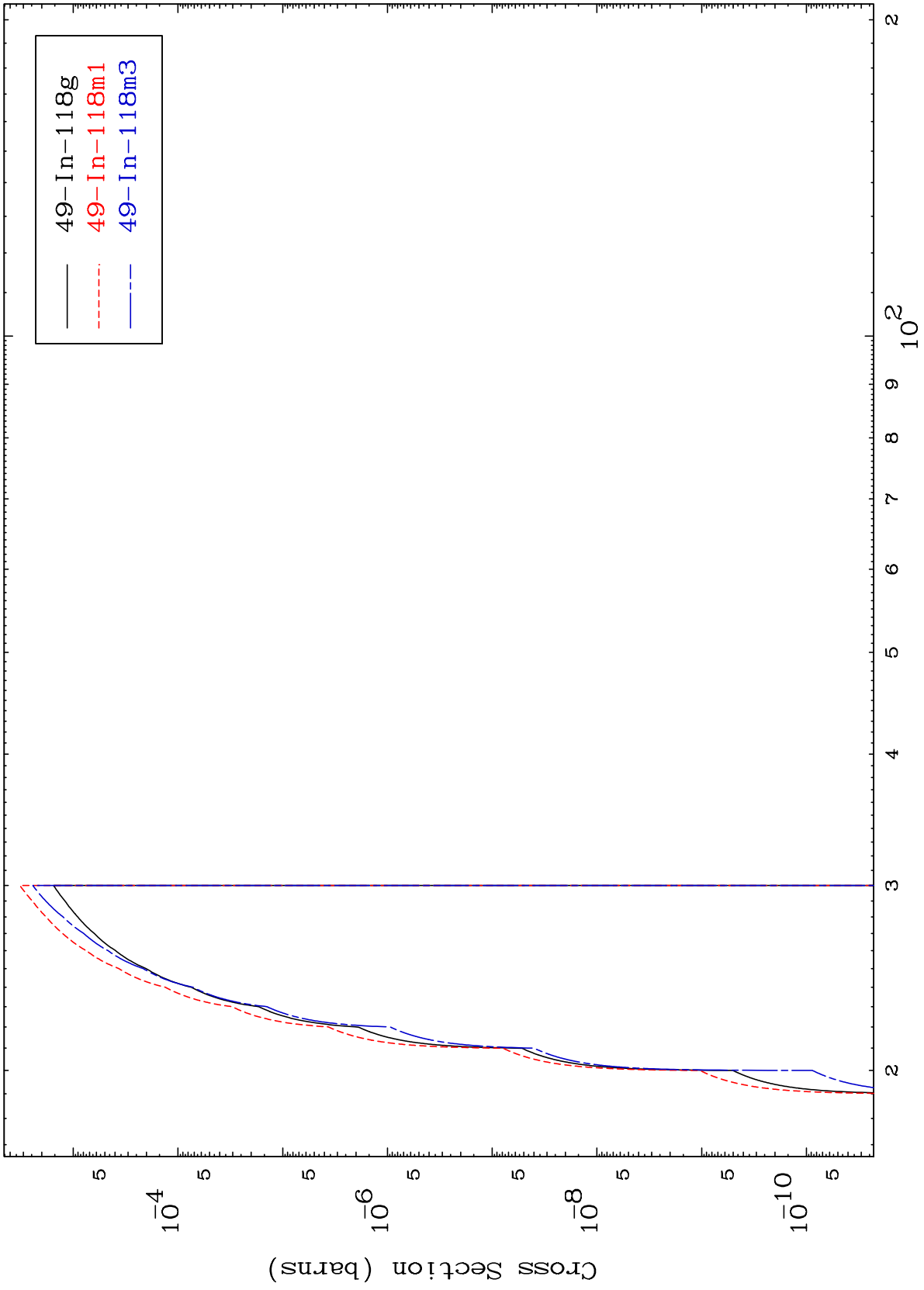
50-Sn-120

MAT 5049

(n,n') d

50-Sn-120

Radionuclide Production Cross Section



132

Incident Energy (MeV)

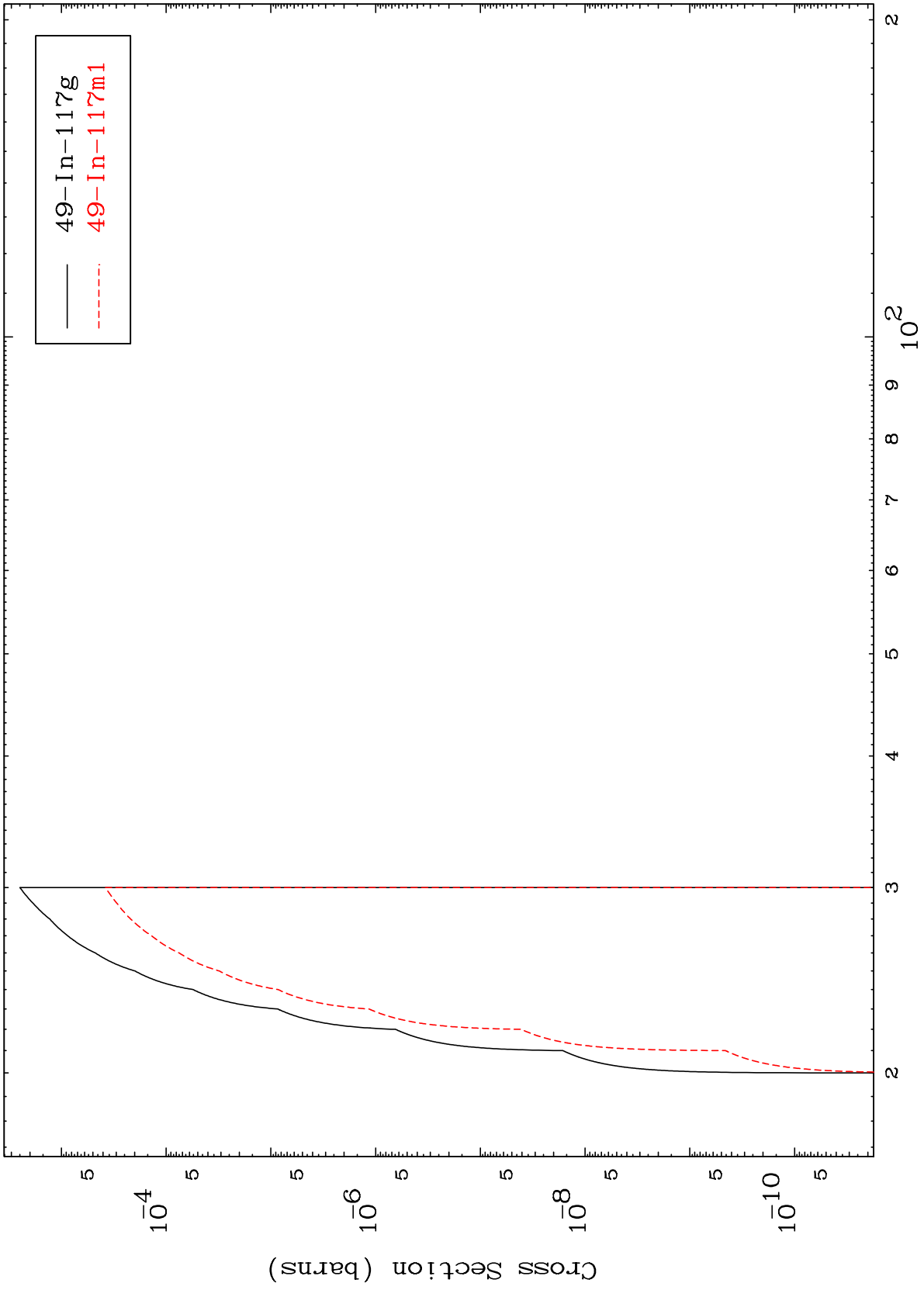
50-Sn-120

MAT 5049

(n,n') t

50-Sn-120

Radionuclide Production Cross Section



133

Incident Energy (MeV)

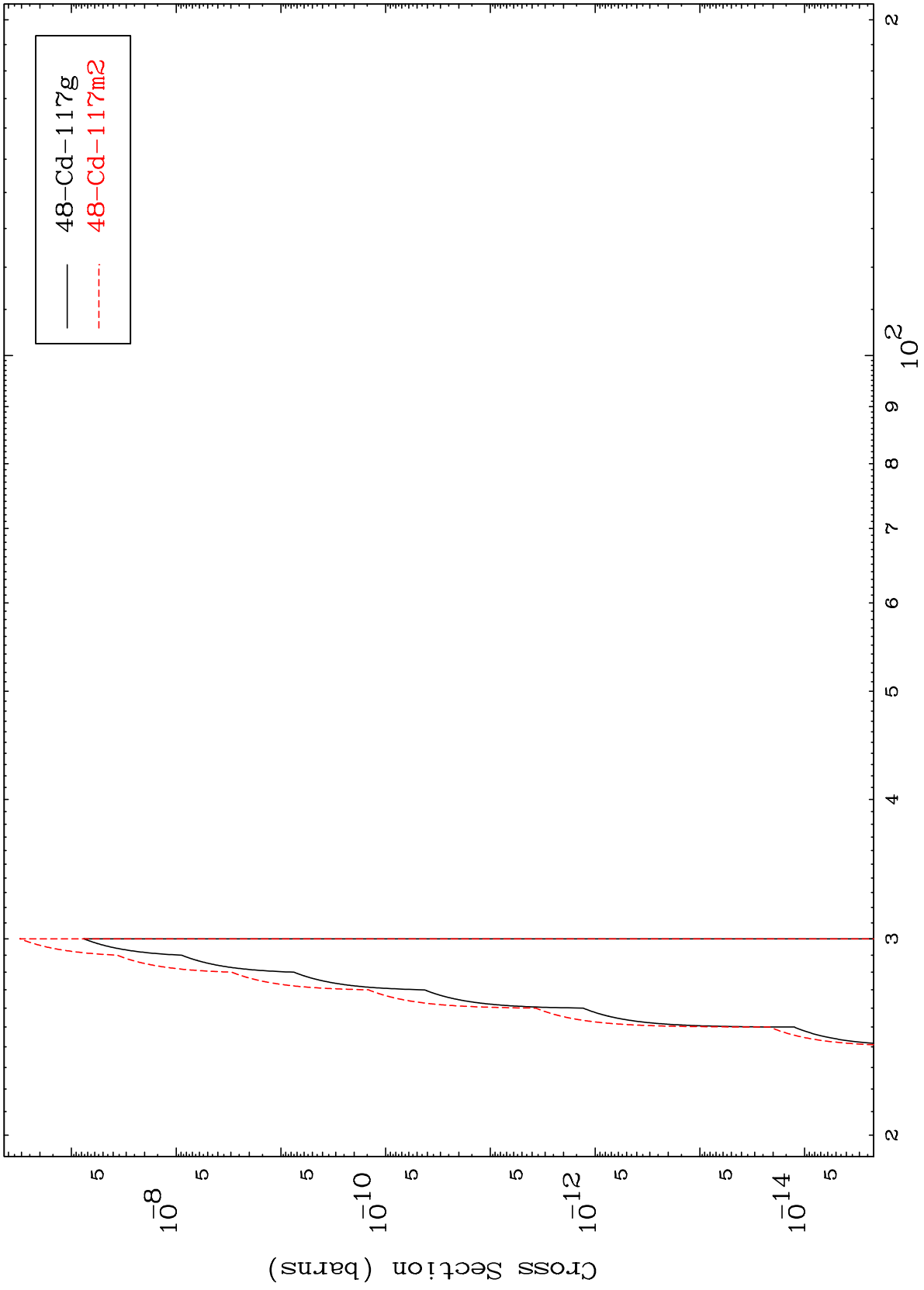
50-Sn-120

MAT 5049

(n, n') He-3

50-Sn-120

Radionuclide Production Cross Section



134

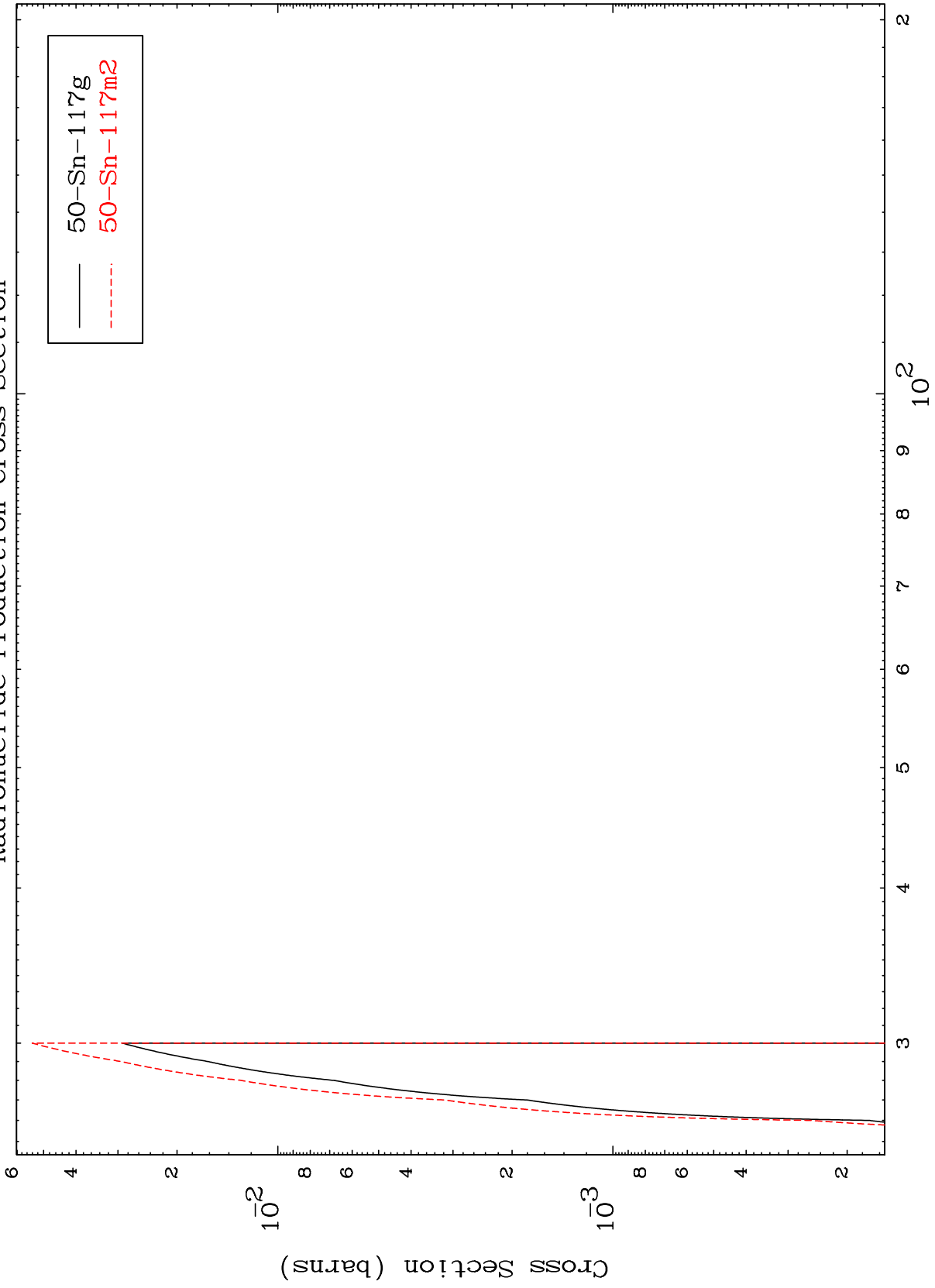
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n,4n)
Radionuclide Production Cross Section



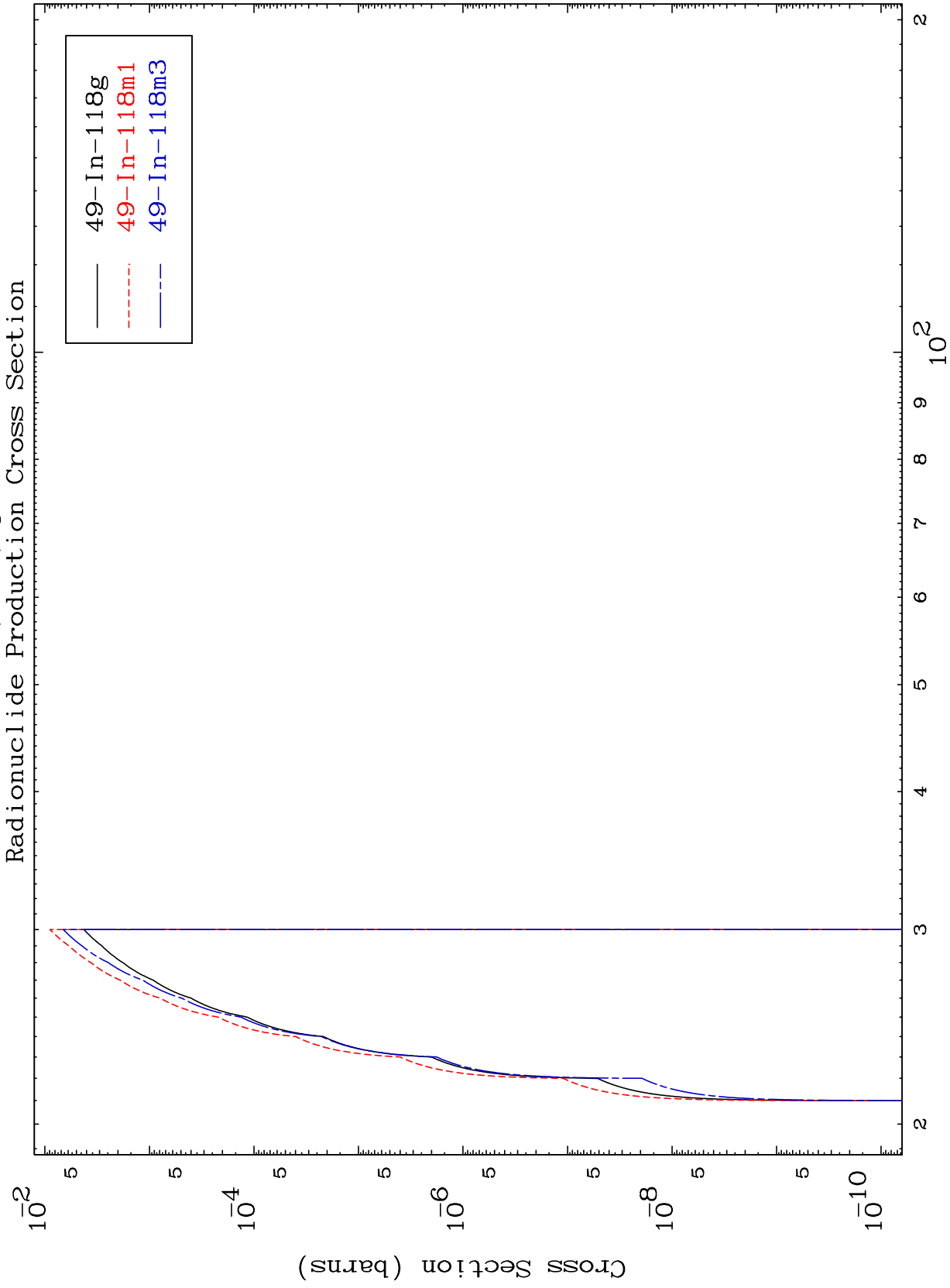
135

50-Sn-120

MAT 5049

(n,2n) p

50-Sn-120



136

Incident Energy (MeV)

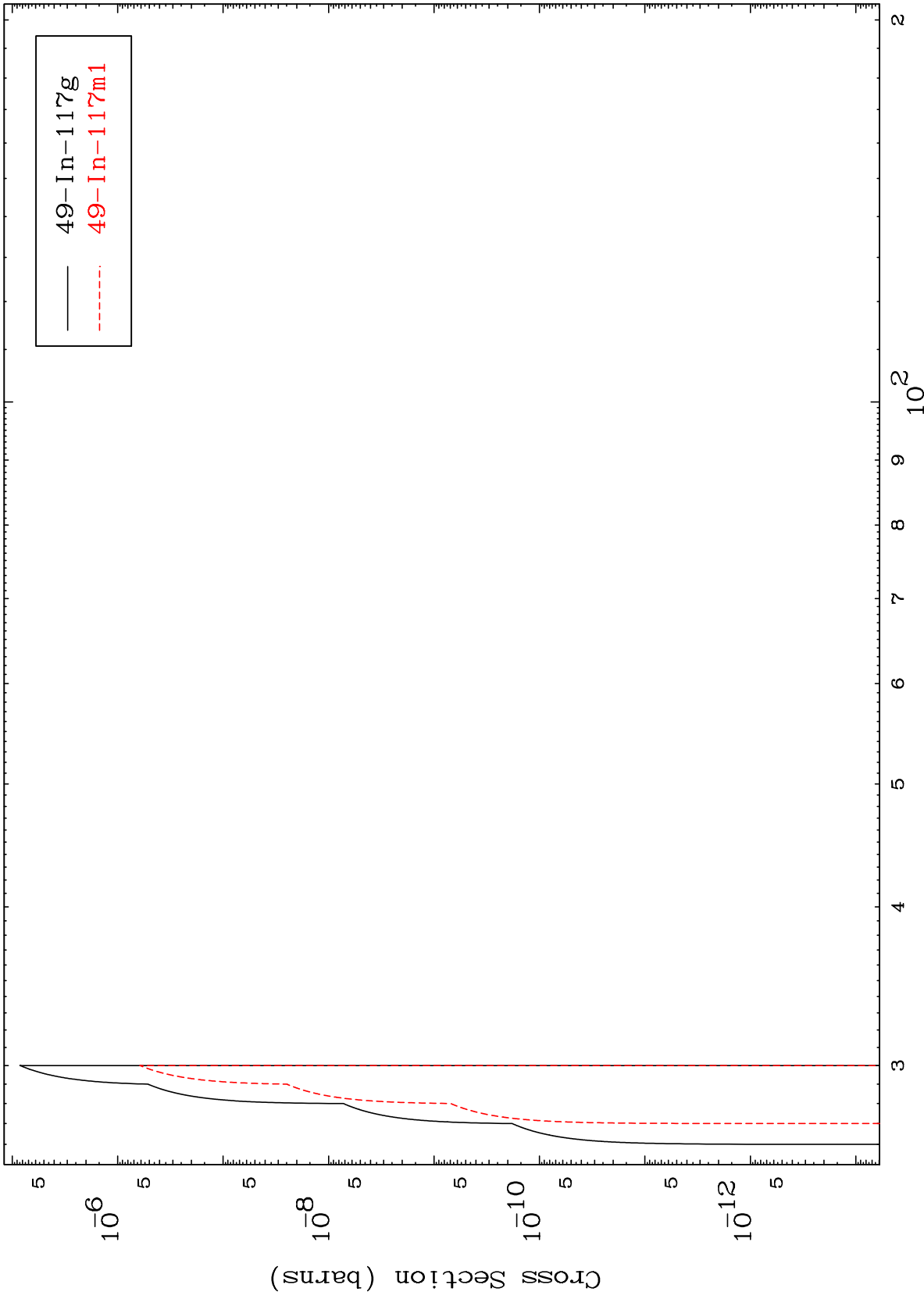
50-Sn-120

MAT 5049

(n,3n) p

50-Sn-120

Radionuclide Production Cross Section



137

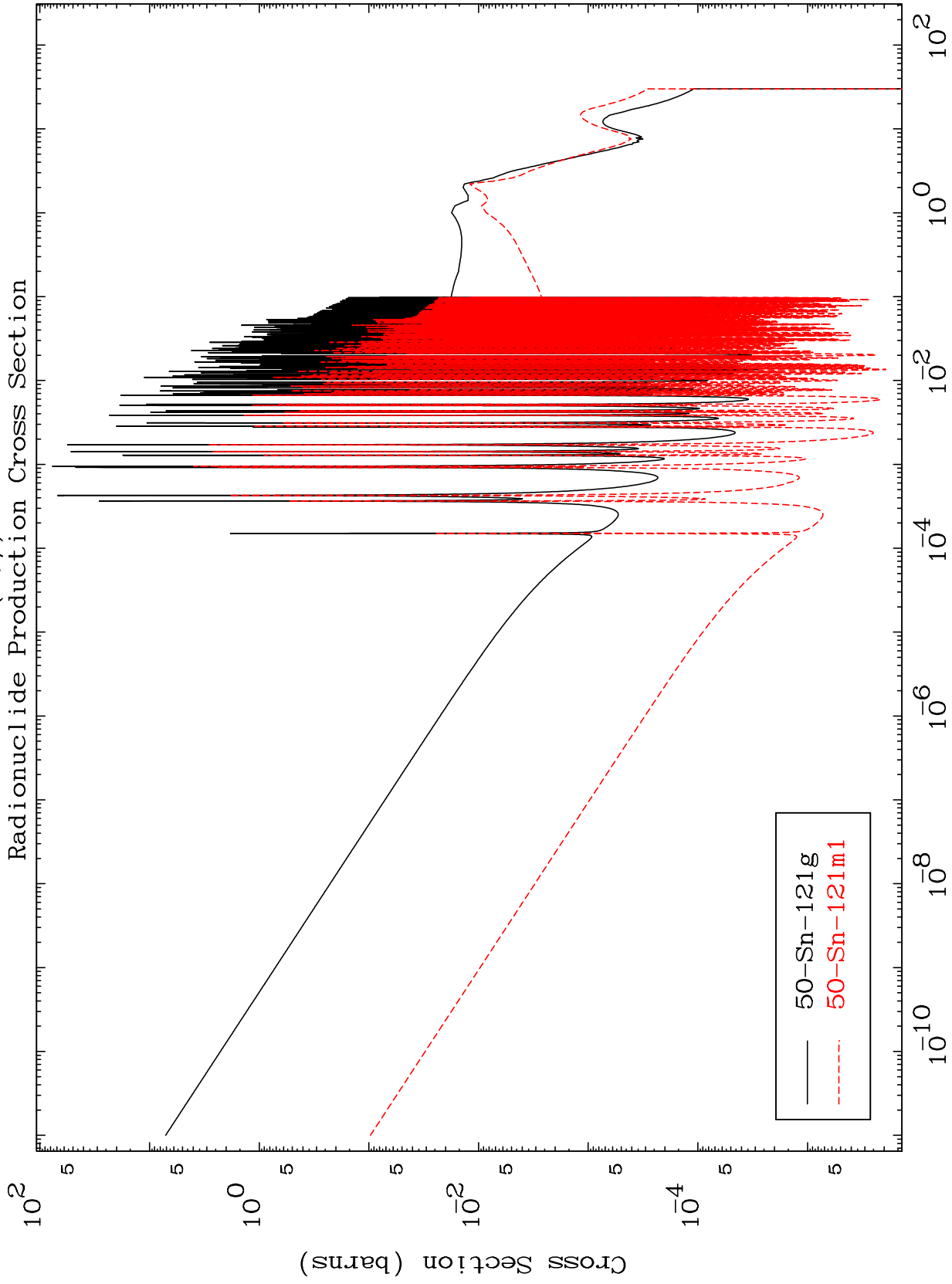
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

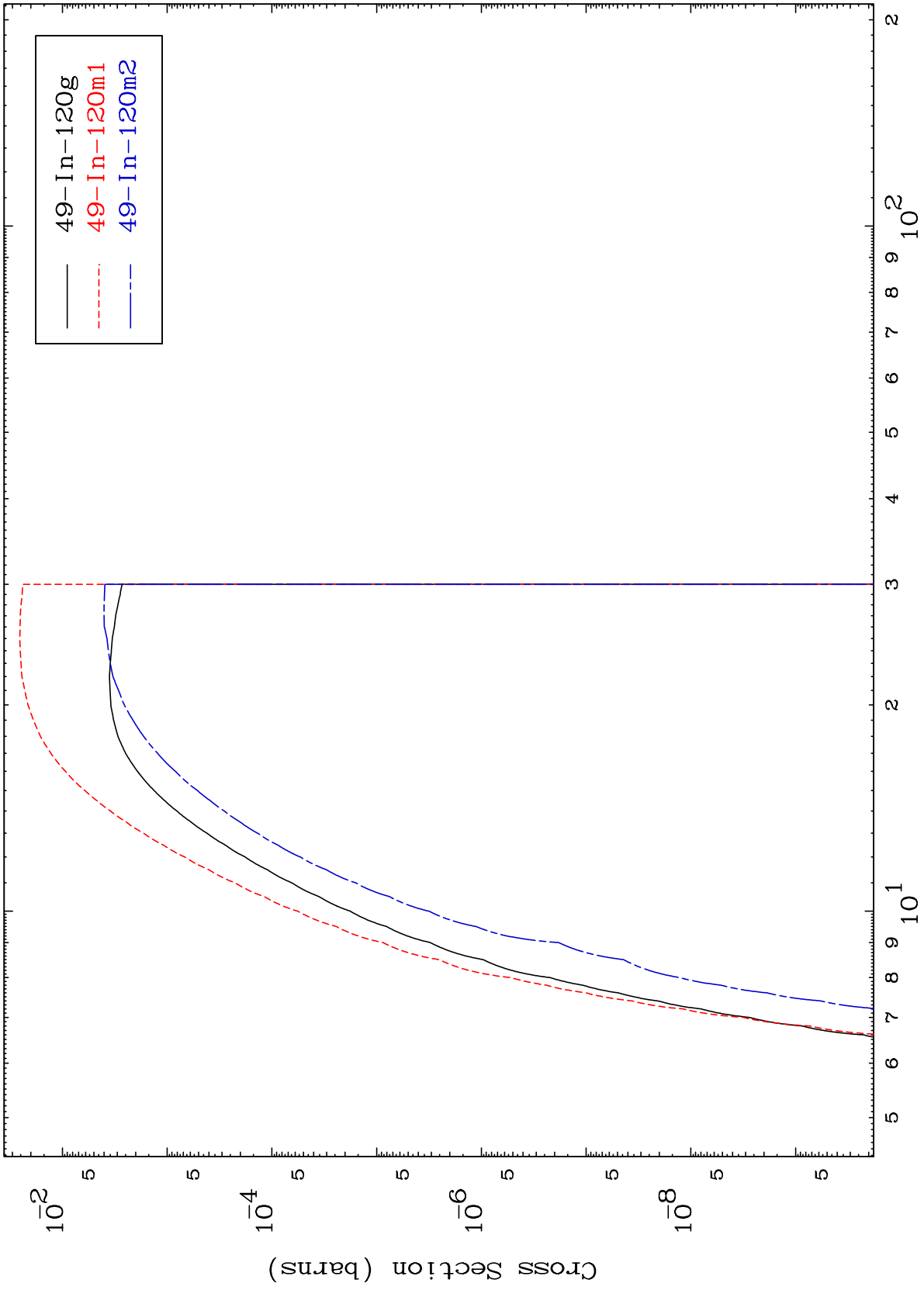
(n, γ)
Radionuclide Production Cross Section



MAT 5049

50-Sn-120

(n,p)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

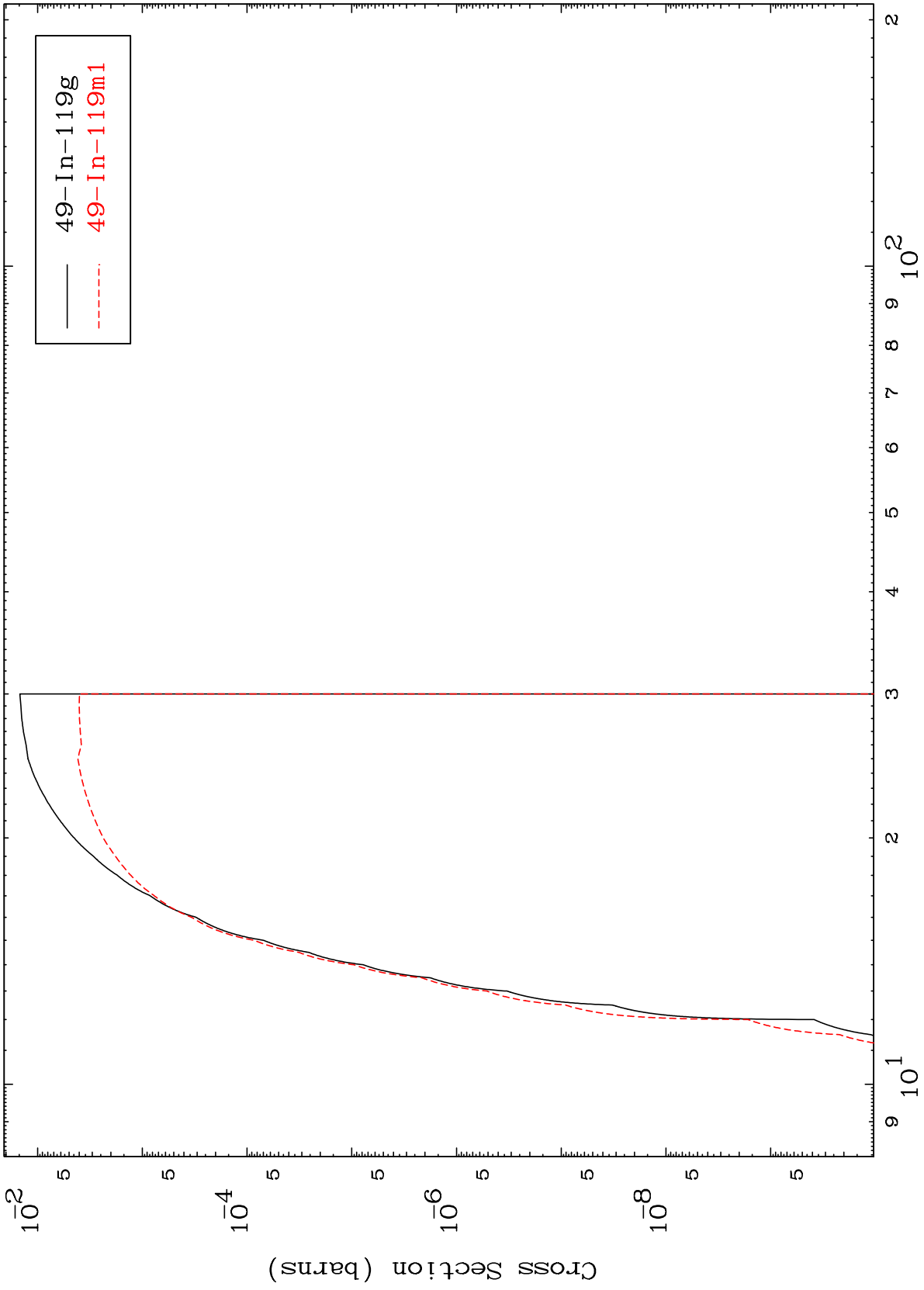
50-Sn-120

MAT 5049

(n,d)

50-Sn-120

Radionuclide Production Cross Section



140

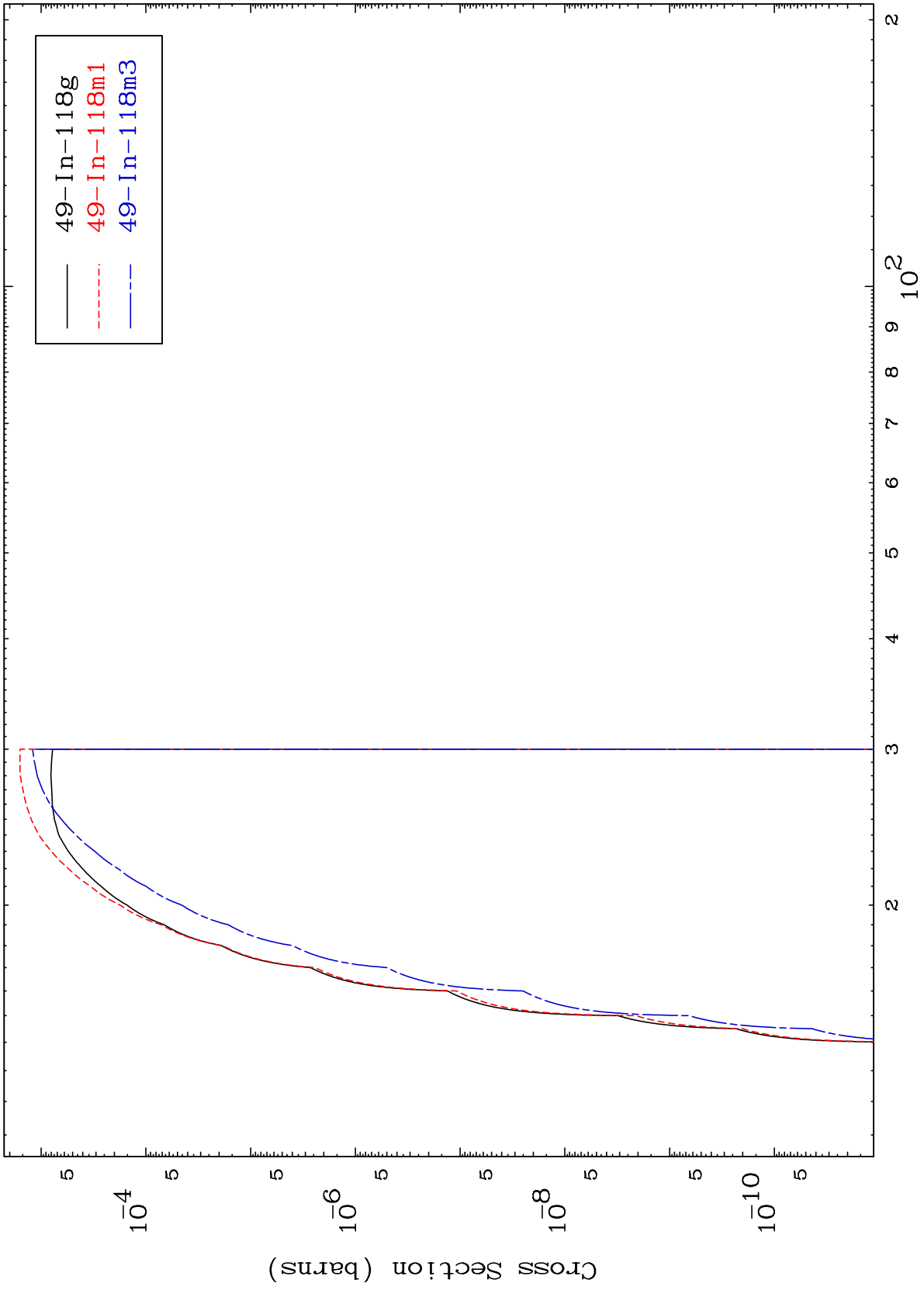
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n, t)
Radionuclide Production Cross Section

50-Sn-120



141

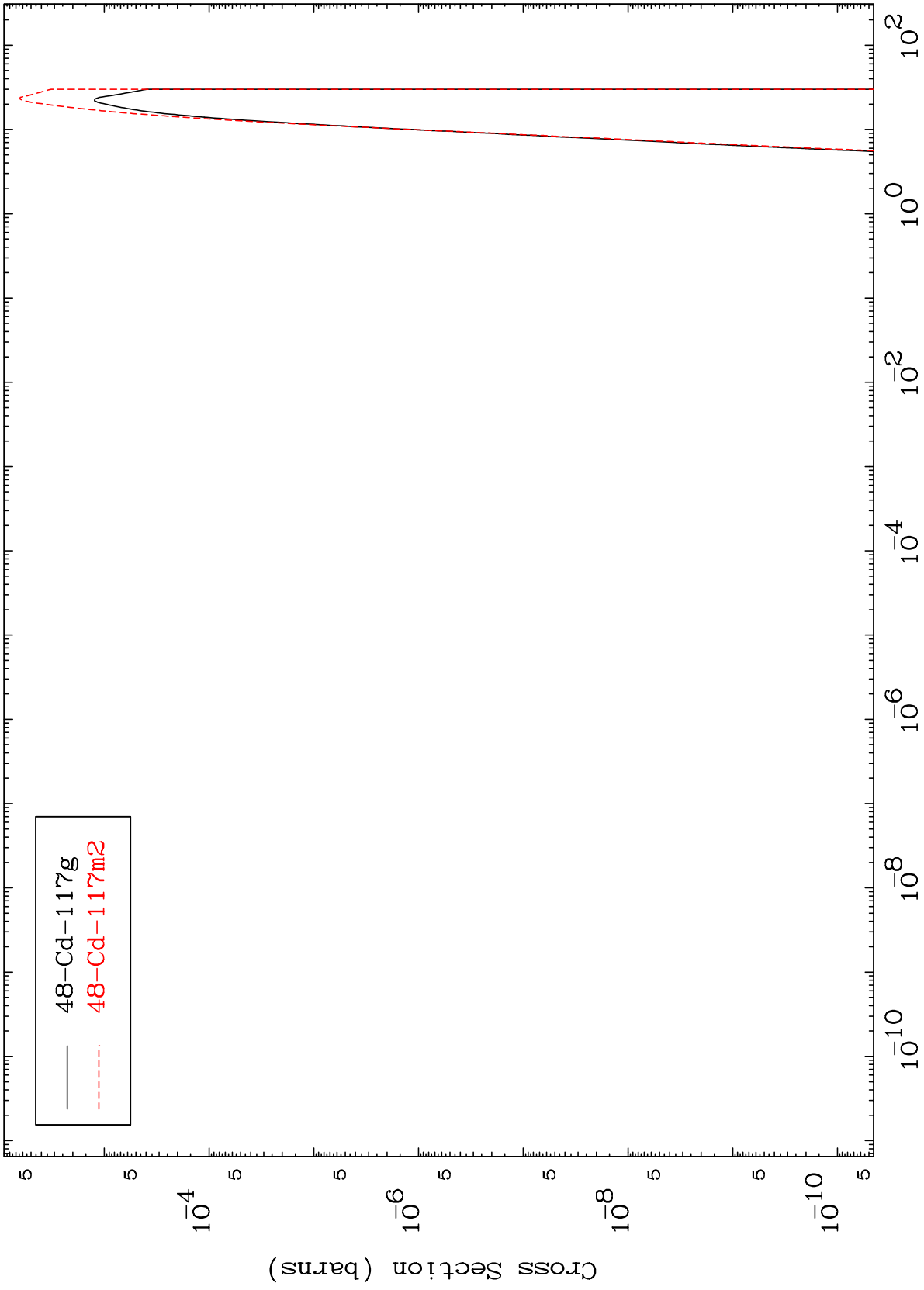
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n, α)
Radionuclide Production Cross Section

50-Sn-120



142

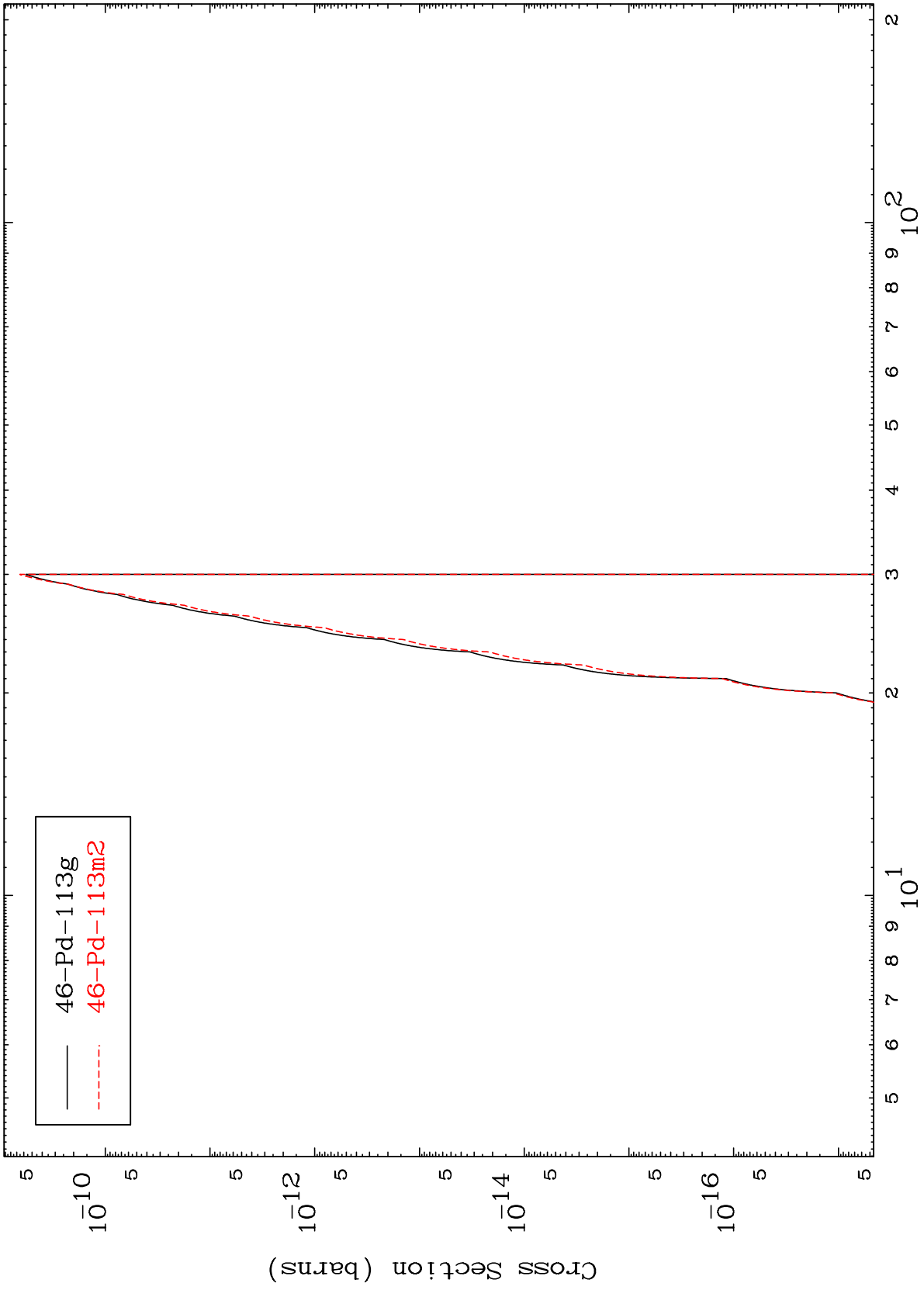
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

Radionuclide Production Cross Section
(n,2α)



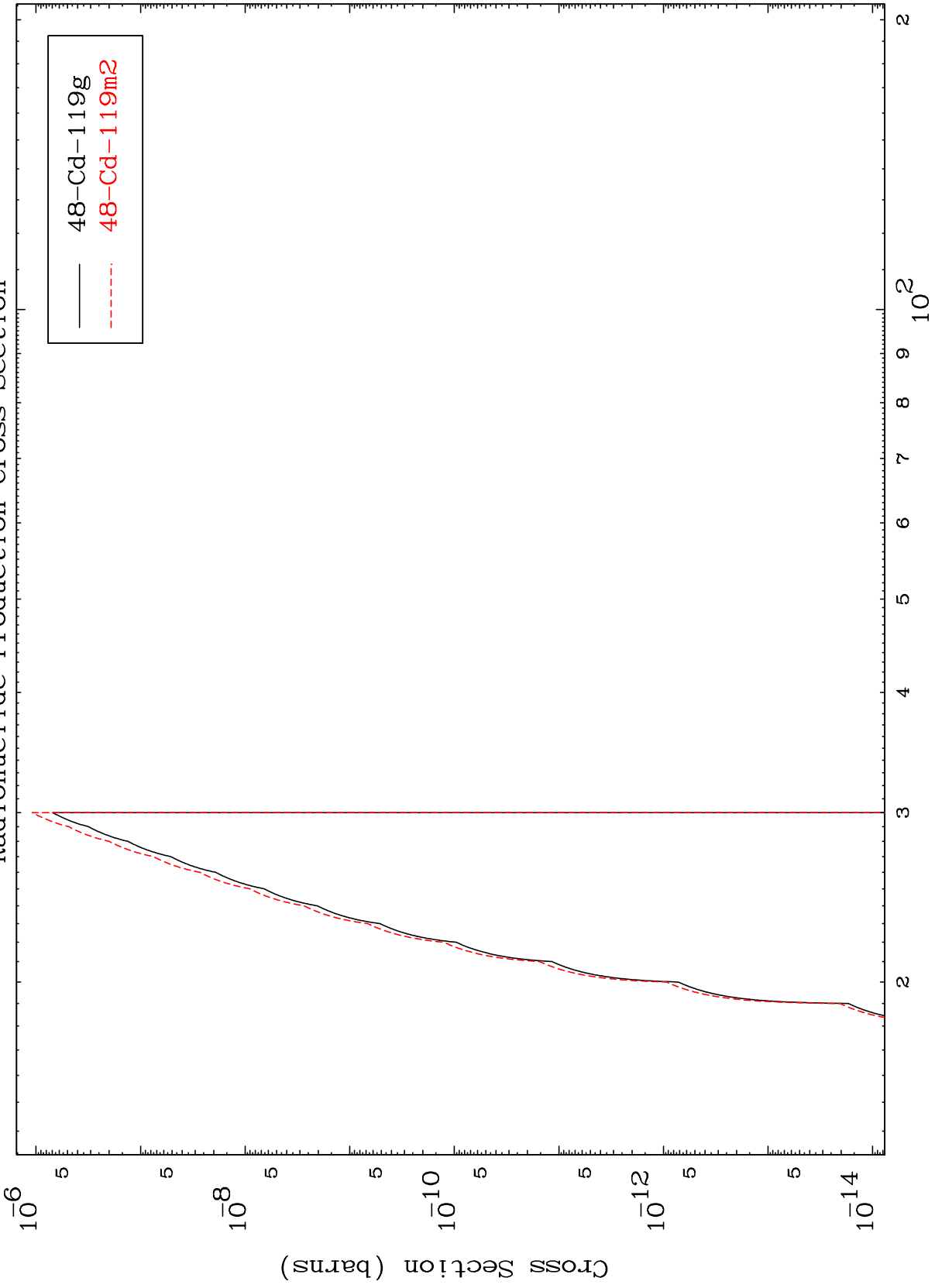
143

50-Sn-120

MAT 5049

50-Sn-120

(n,2p)
Radionuclide Production Cross Section



144

50-Sn-120

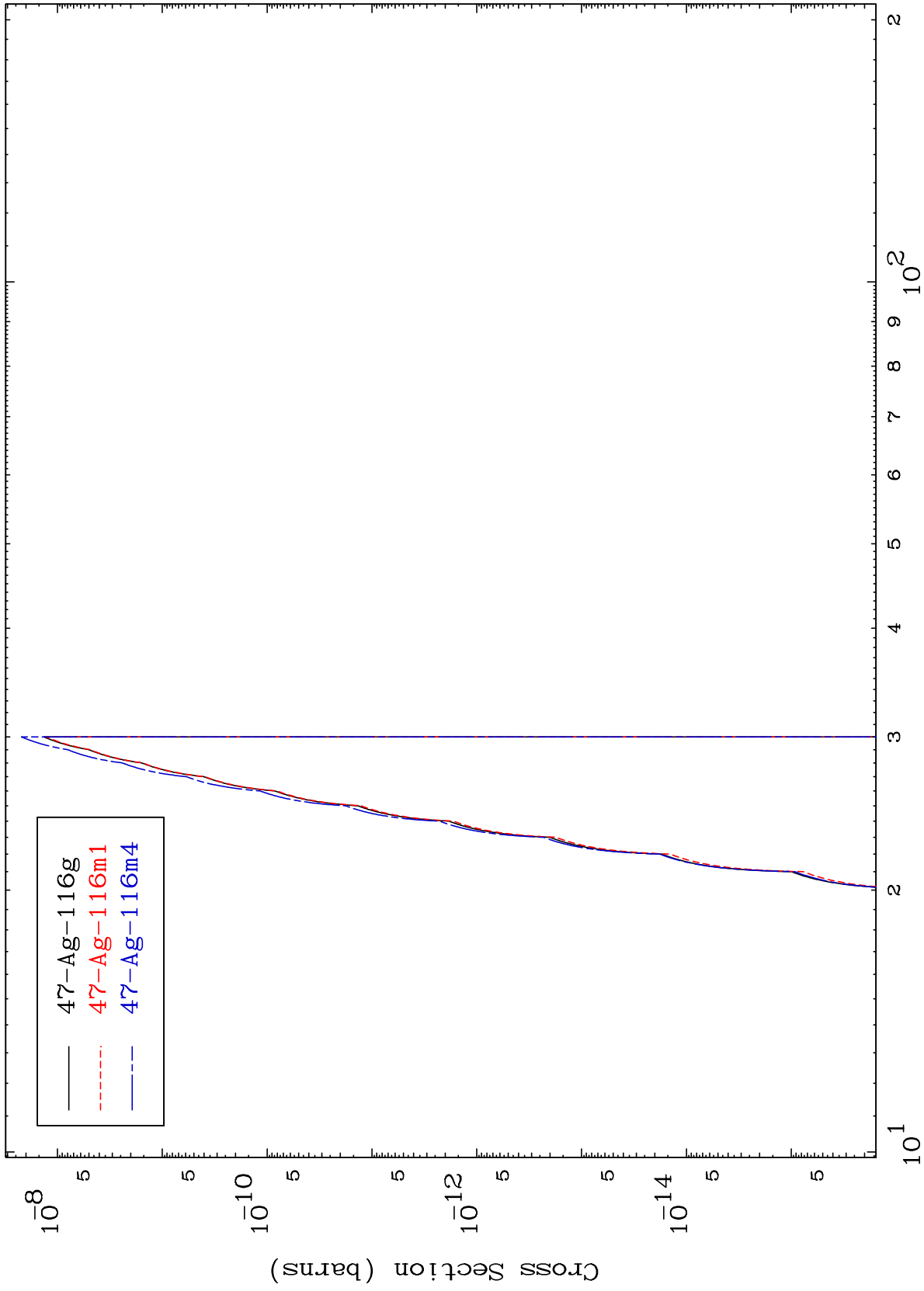
Incident Energy (MeV)

MAT 5049

(n,p) α

50-Sn-120

Radionuclide Production Cross Section

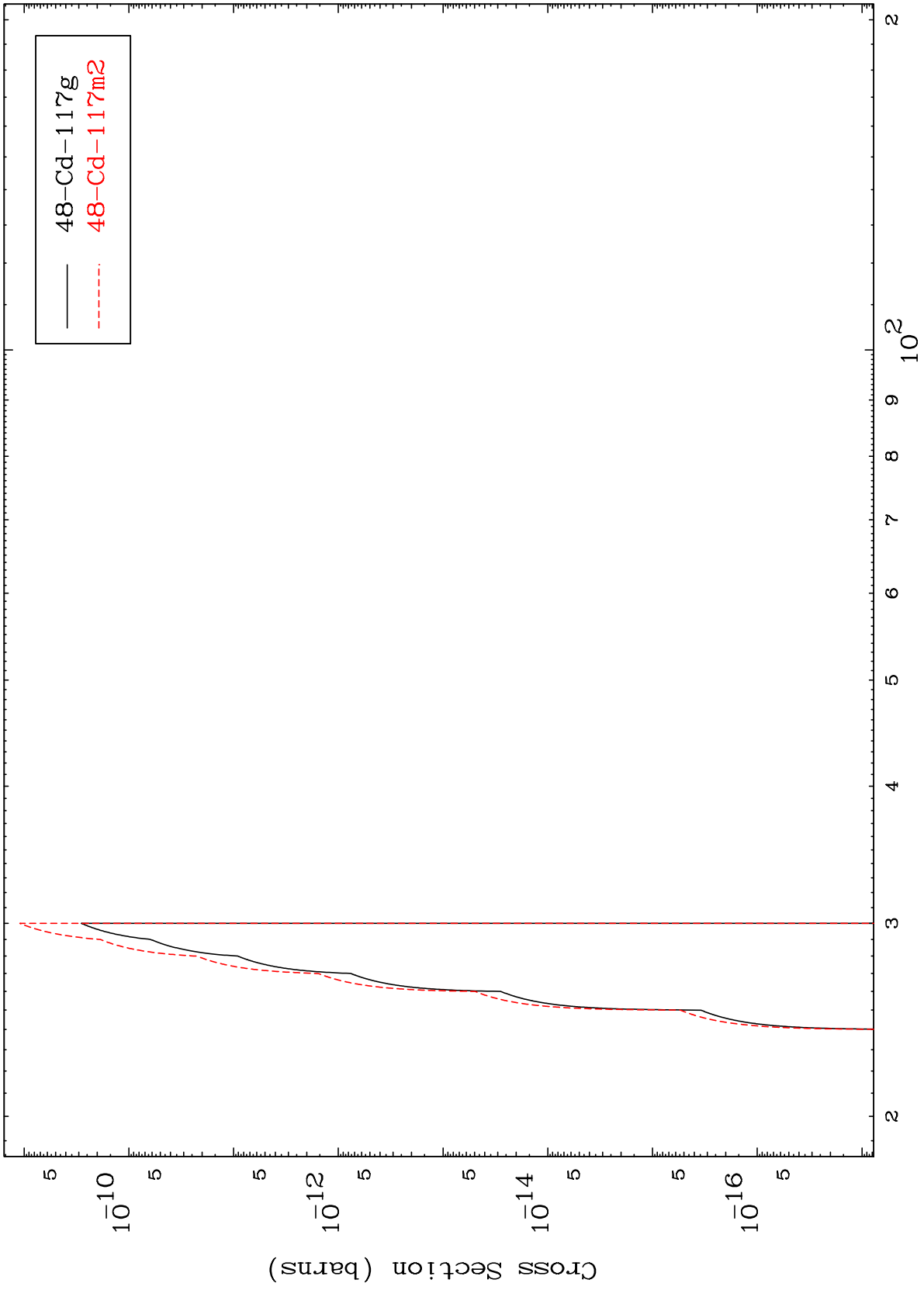


MAT 5049

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50-Sn-120

Radionuclide Production Cross Section



146

Incident Energy (MeV)

50-Sn-120