

Program EVALPLOT
(Version 2018-1)

by

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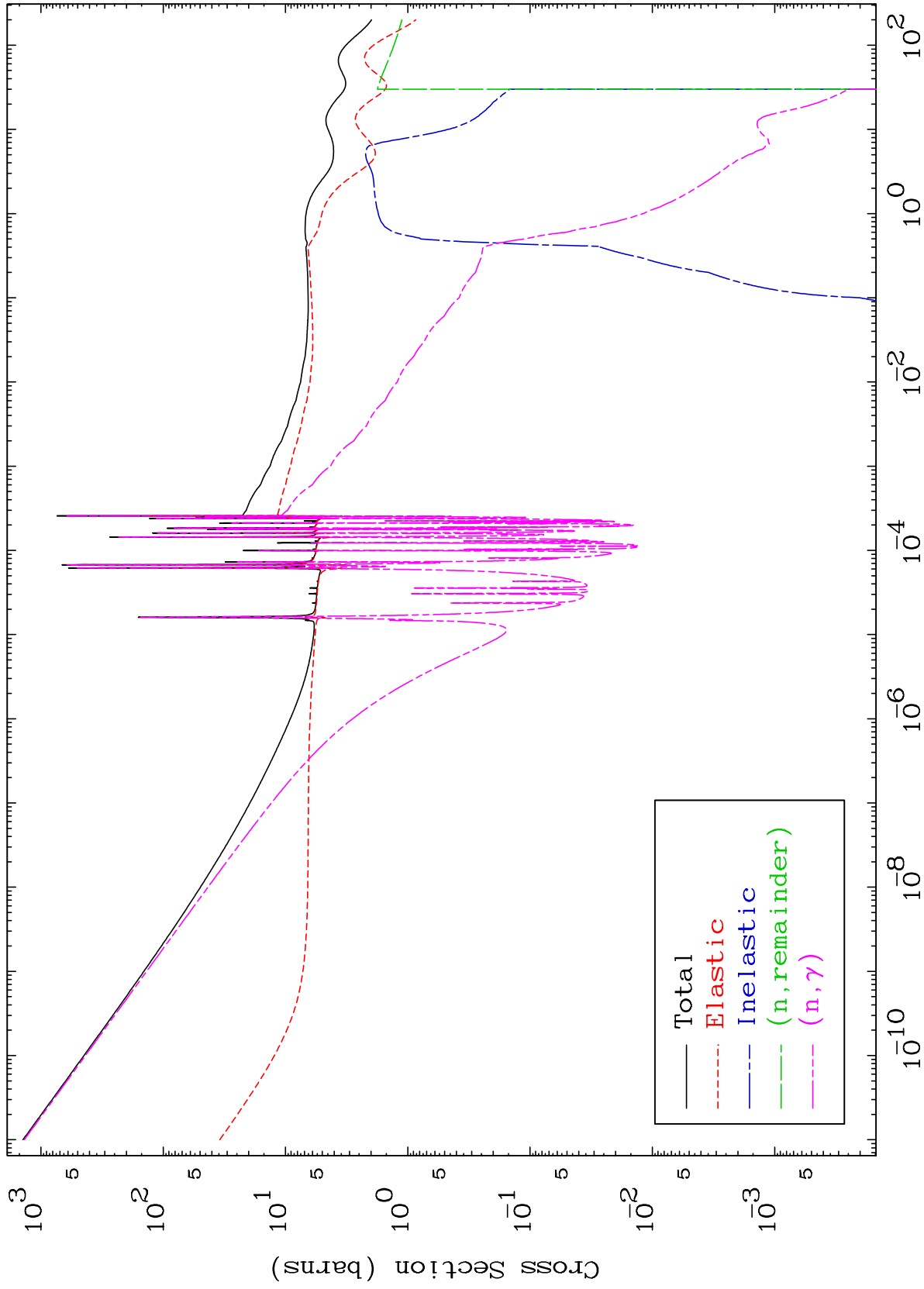
Press Mouse Button to Start

MAT 4946

Major

293 Kelvin Cross Sections

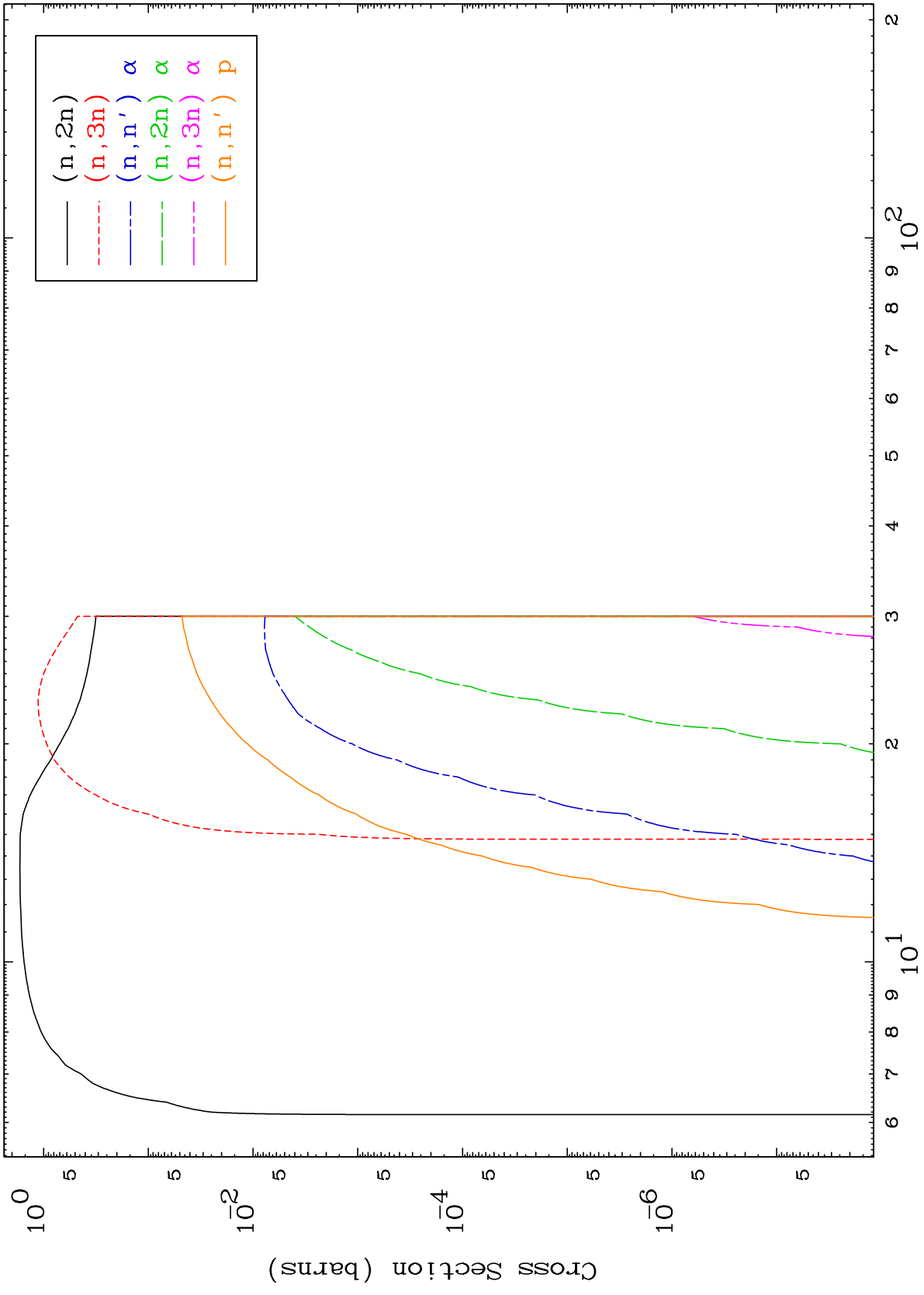
49-In-120



MAT 4946

Neutron Production
293 Kelvin Cross Sections

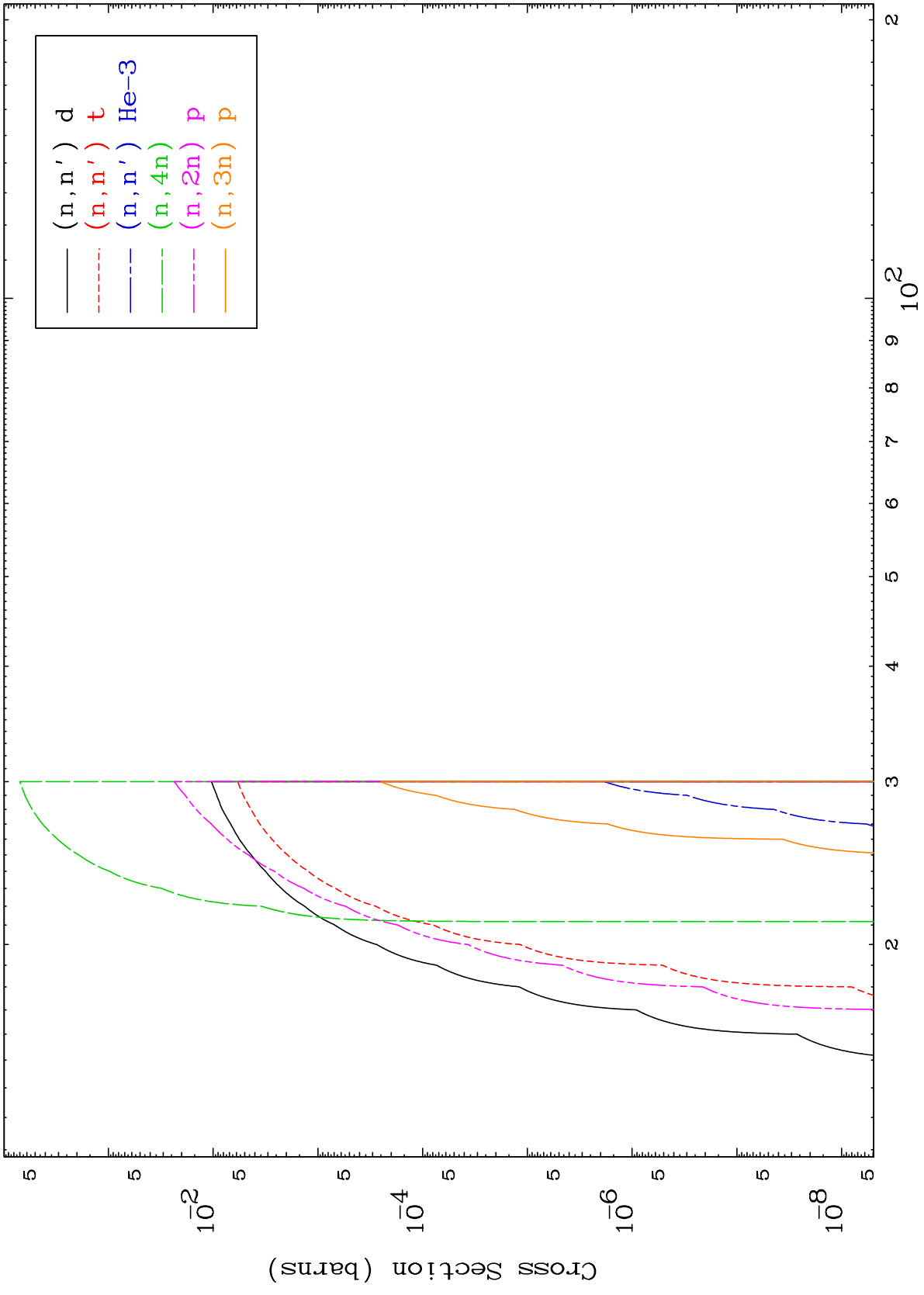
49-In-120



2

Incident Energy (MeV)

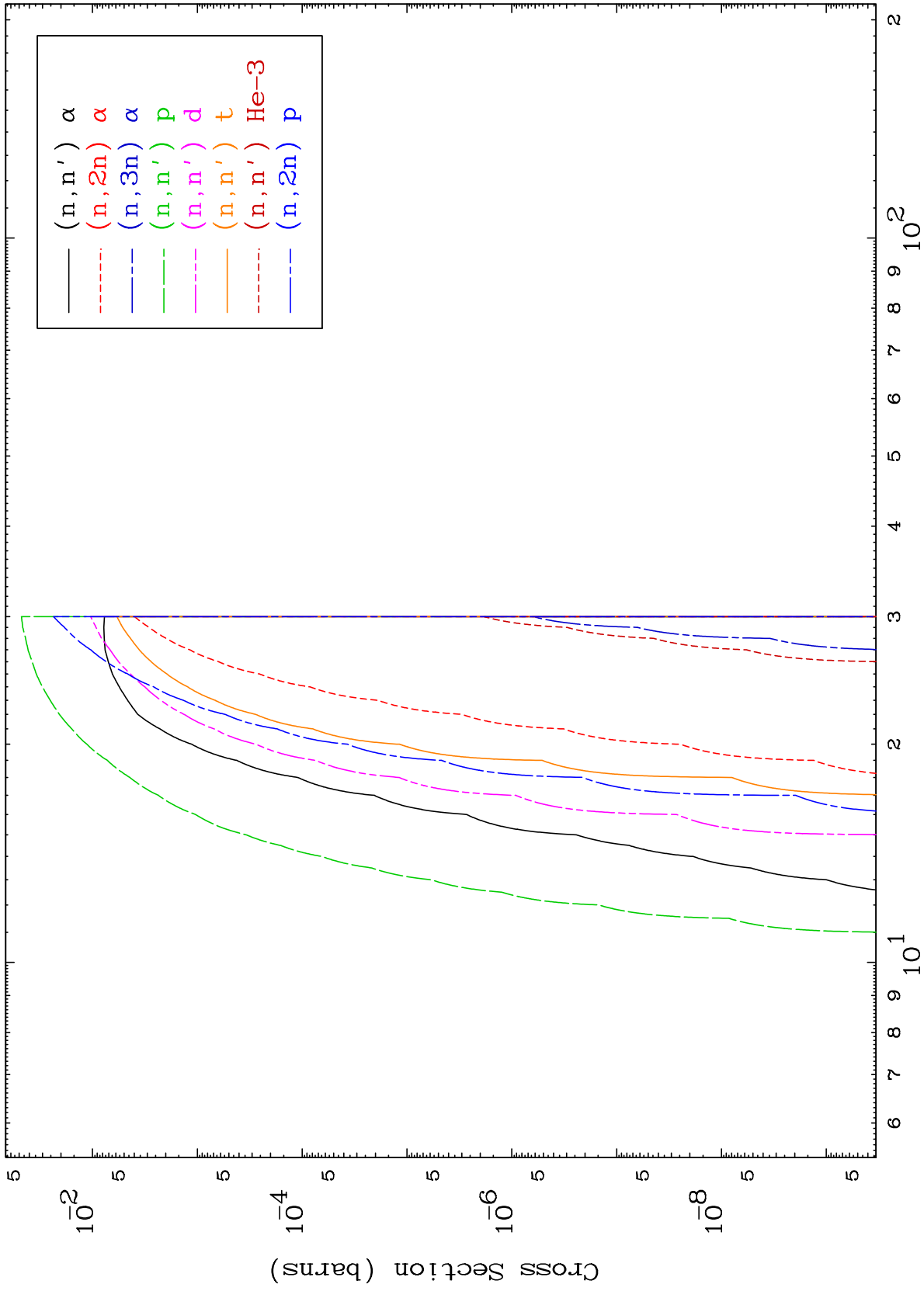
49-In-120



MAT 4946

Charged Particle
293 Kelvin Cross Sections

49-In-120



4

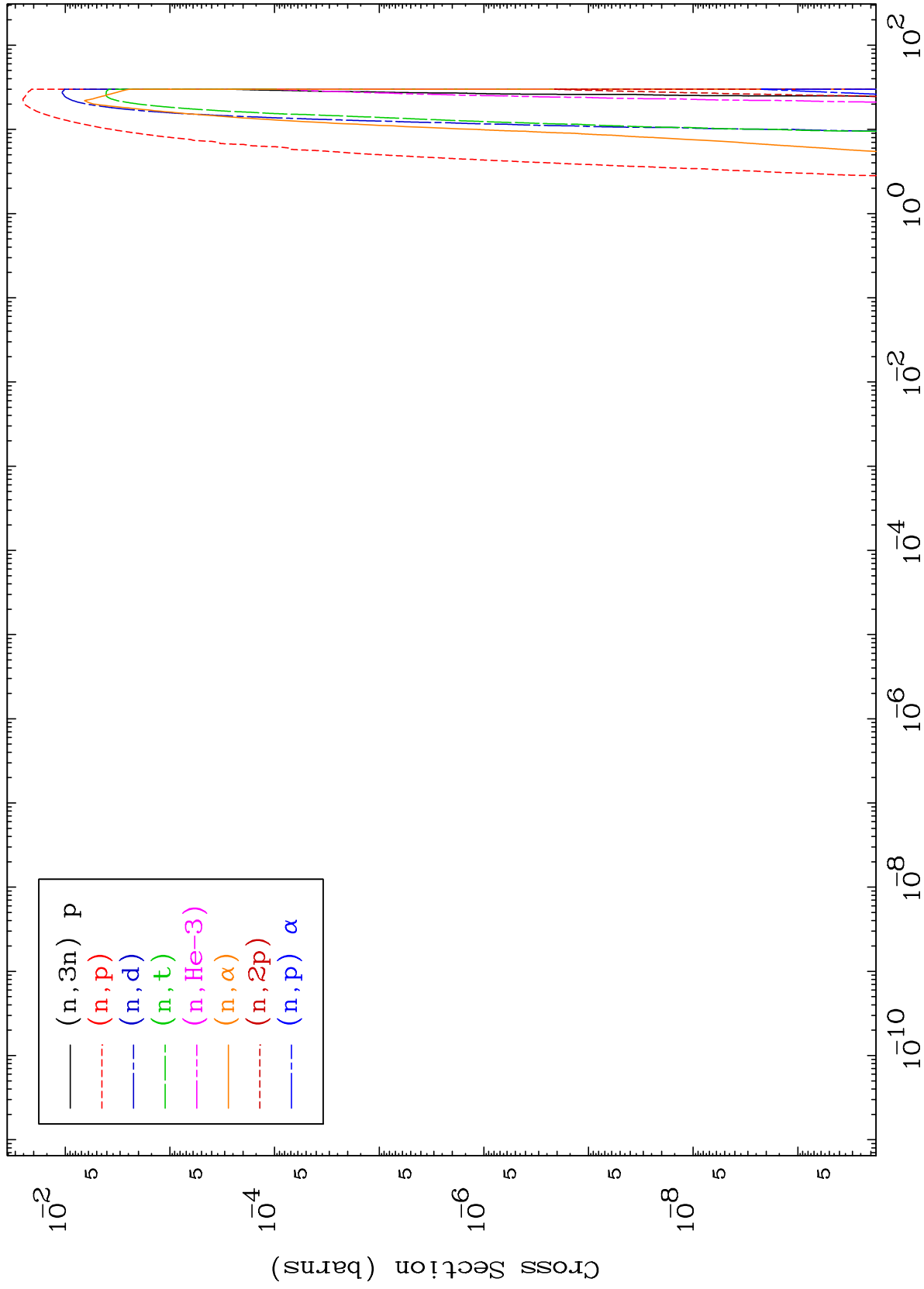
Incident Energy (MeV)

49-In-120

MAT 4946

Charged Particle
293 Kelvin Cross Sections

49-In-120



5

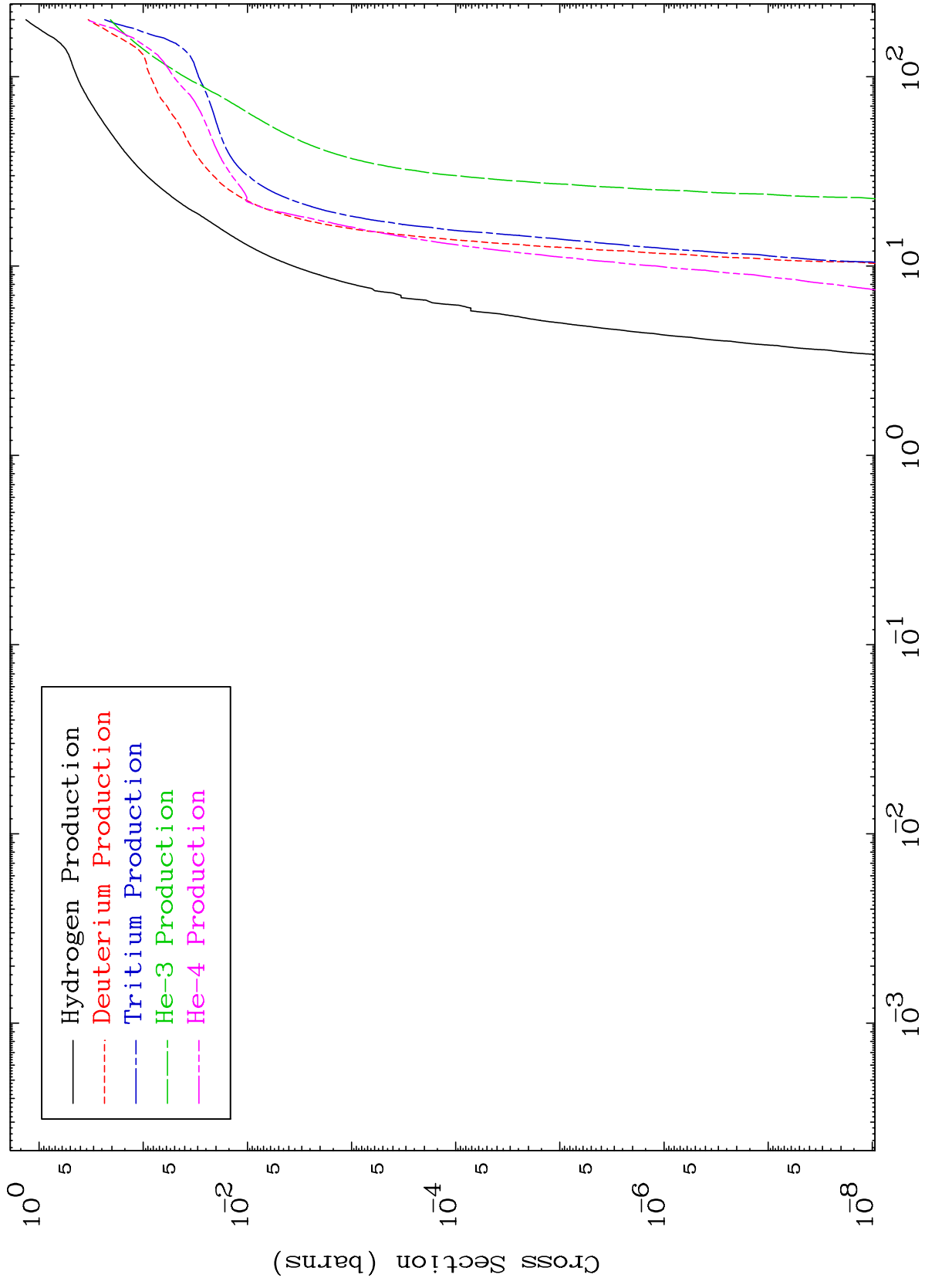
Incident Energy (MeV)

49-In-120

MAT 4946

Particle Production
293 Kelvin Cross Sections

49-In-120



6

Incident Energy (MeV)

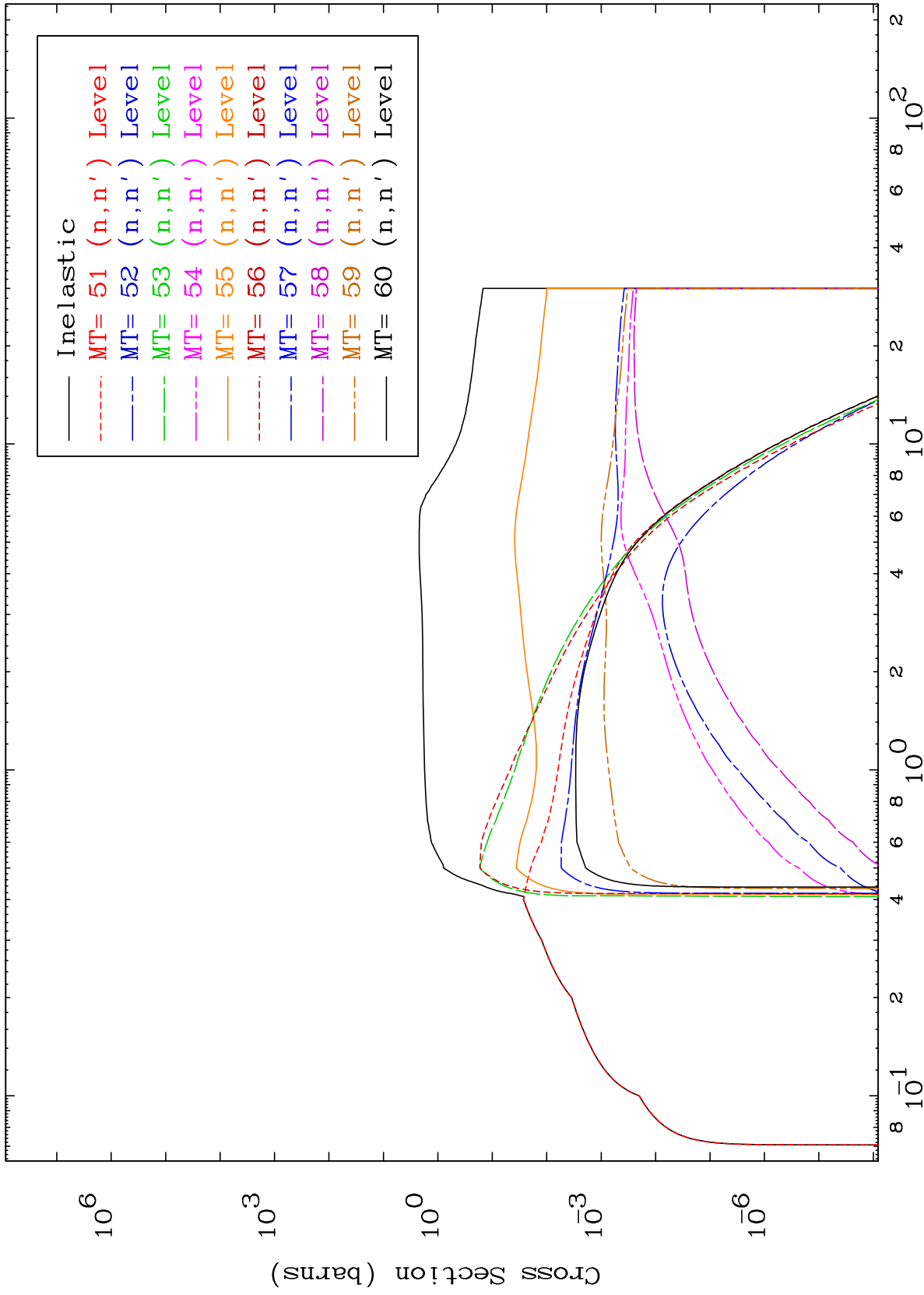
49-In-120

MAT 4946

(n,n') Level

49-In-120

293 Kelvin Cross Sections



7

Incident Energy (MeV)

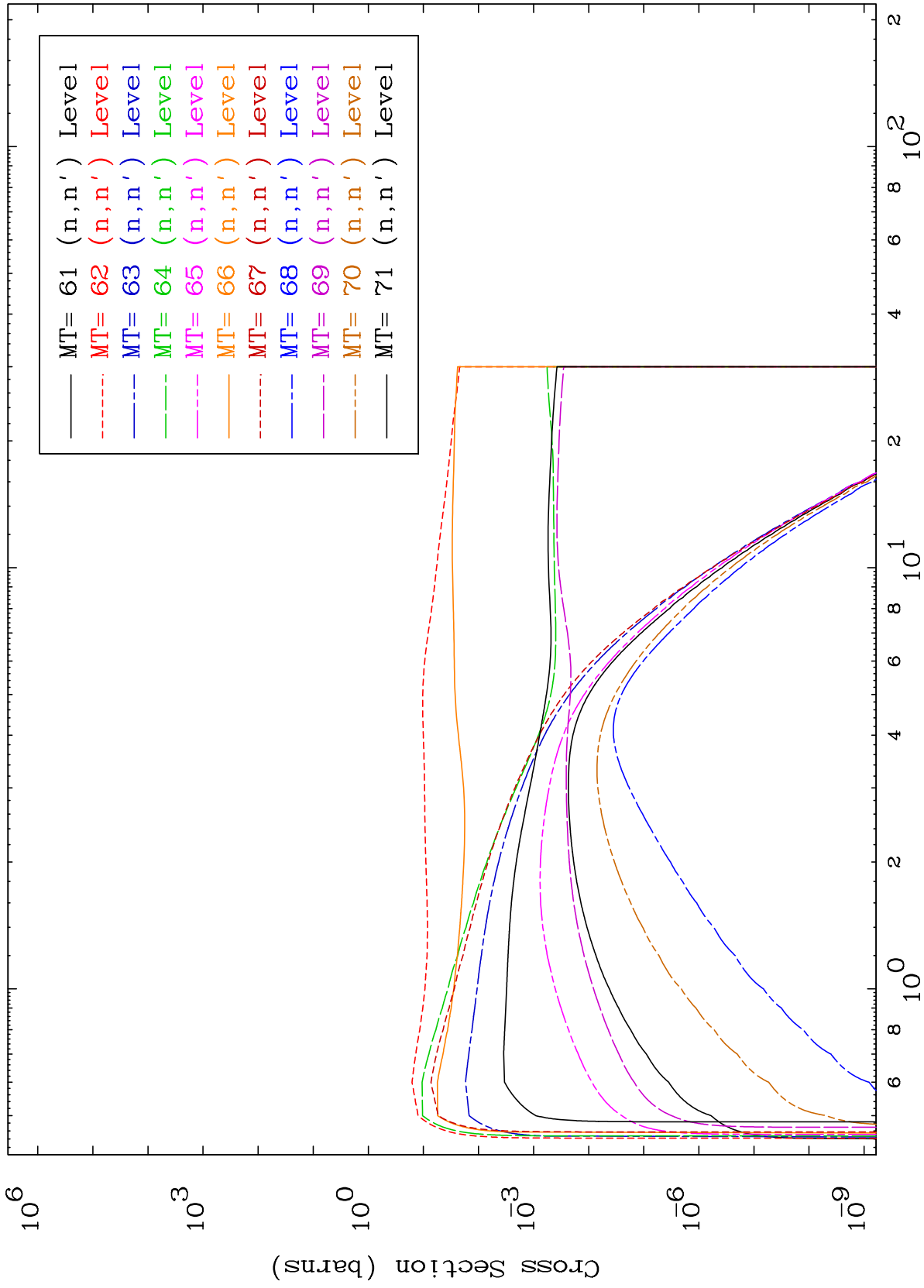
49-In-120

MAT 4946

(n,n') Level

49-In-120

293 Kelvin Cross Sections



8

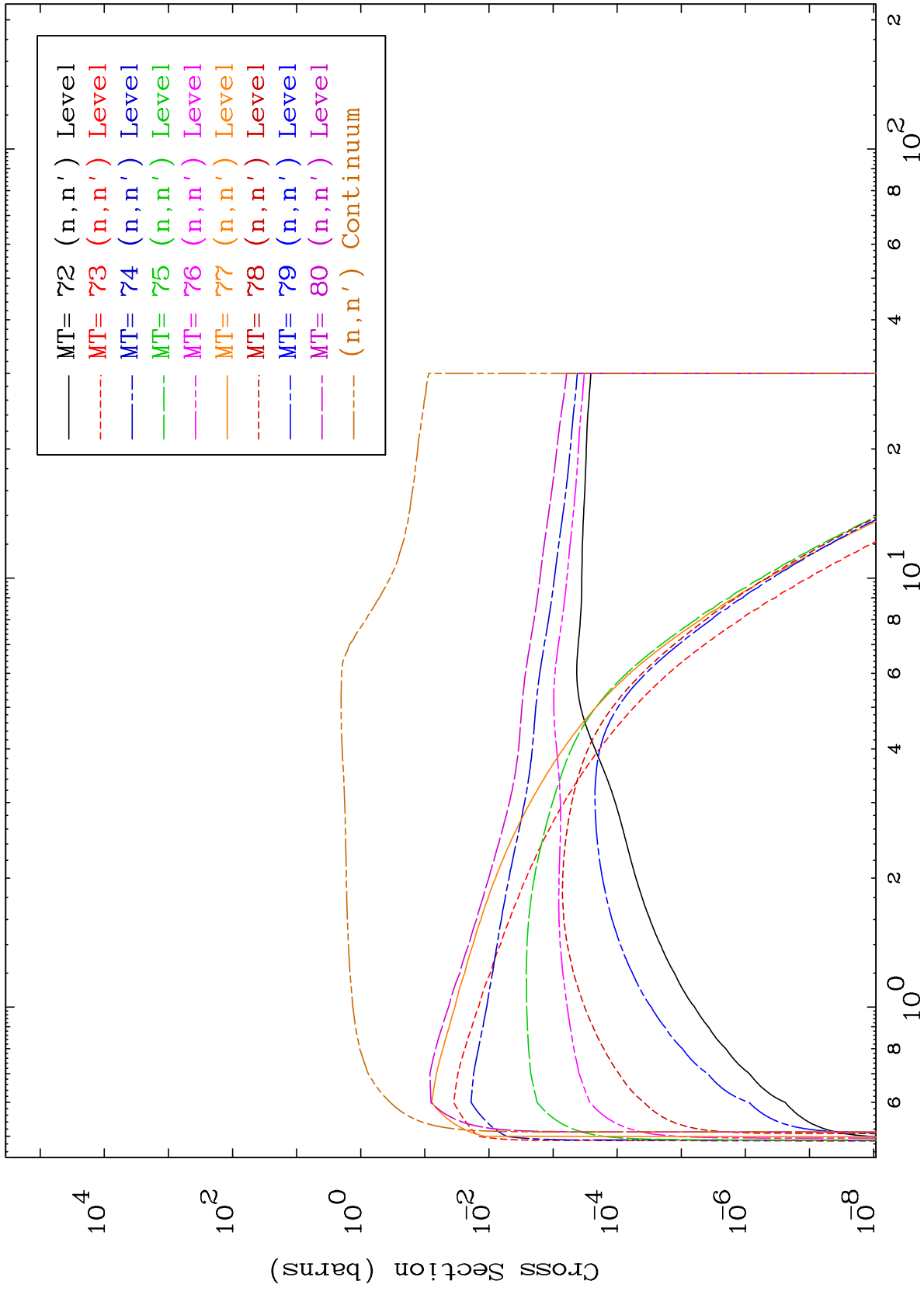
Incident Energy (MeV)

49-In-120

MAT 4946

(n,n') Level
293 Kelvin Cross Sections

49-In-120



9

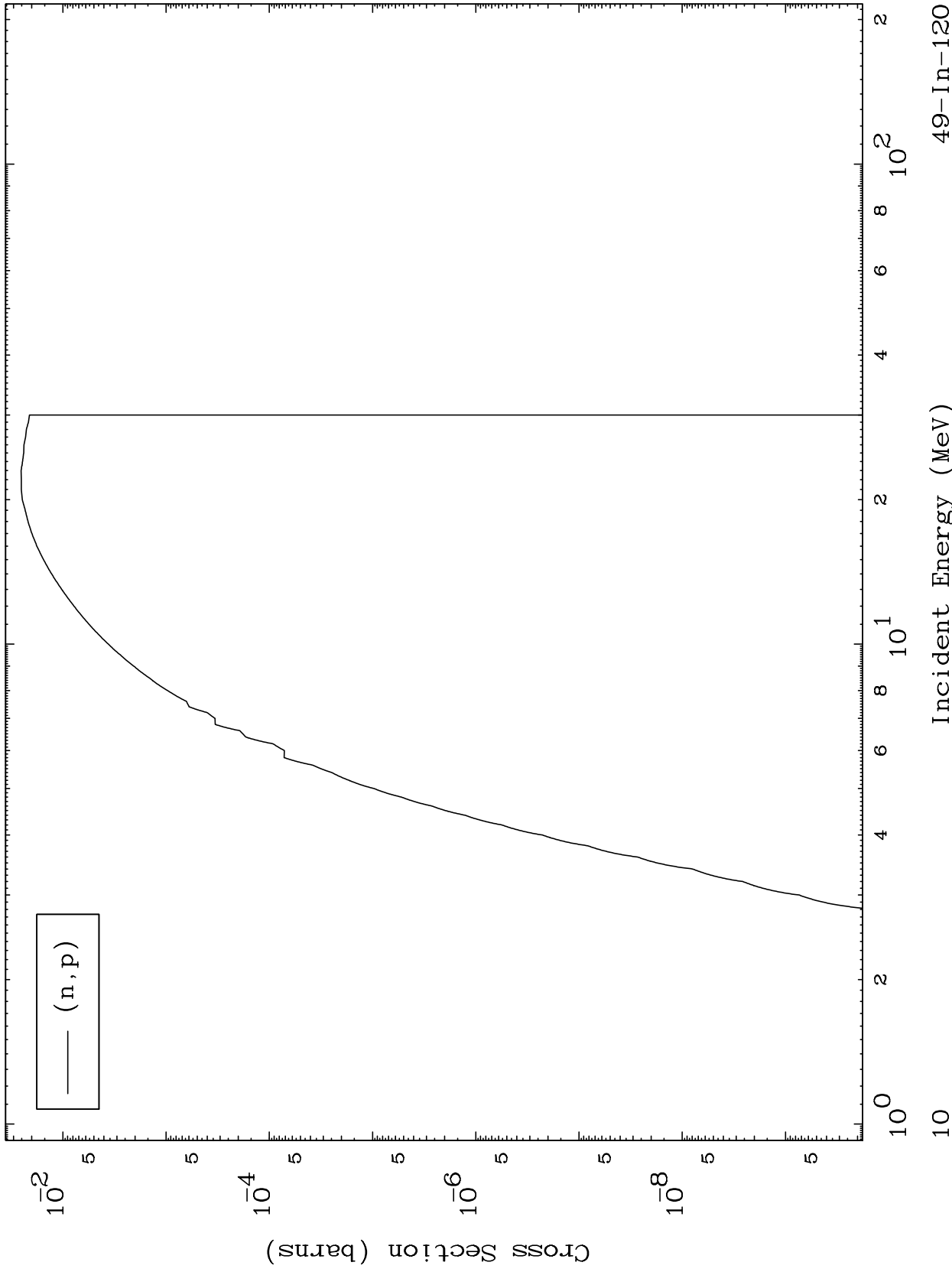
Incident Energy (MeV)

49-In-120

MAT 4946

(n,p) Levels
293 Kelvin Cross Sections

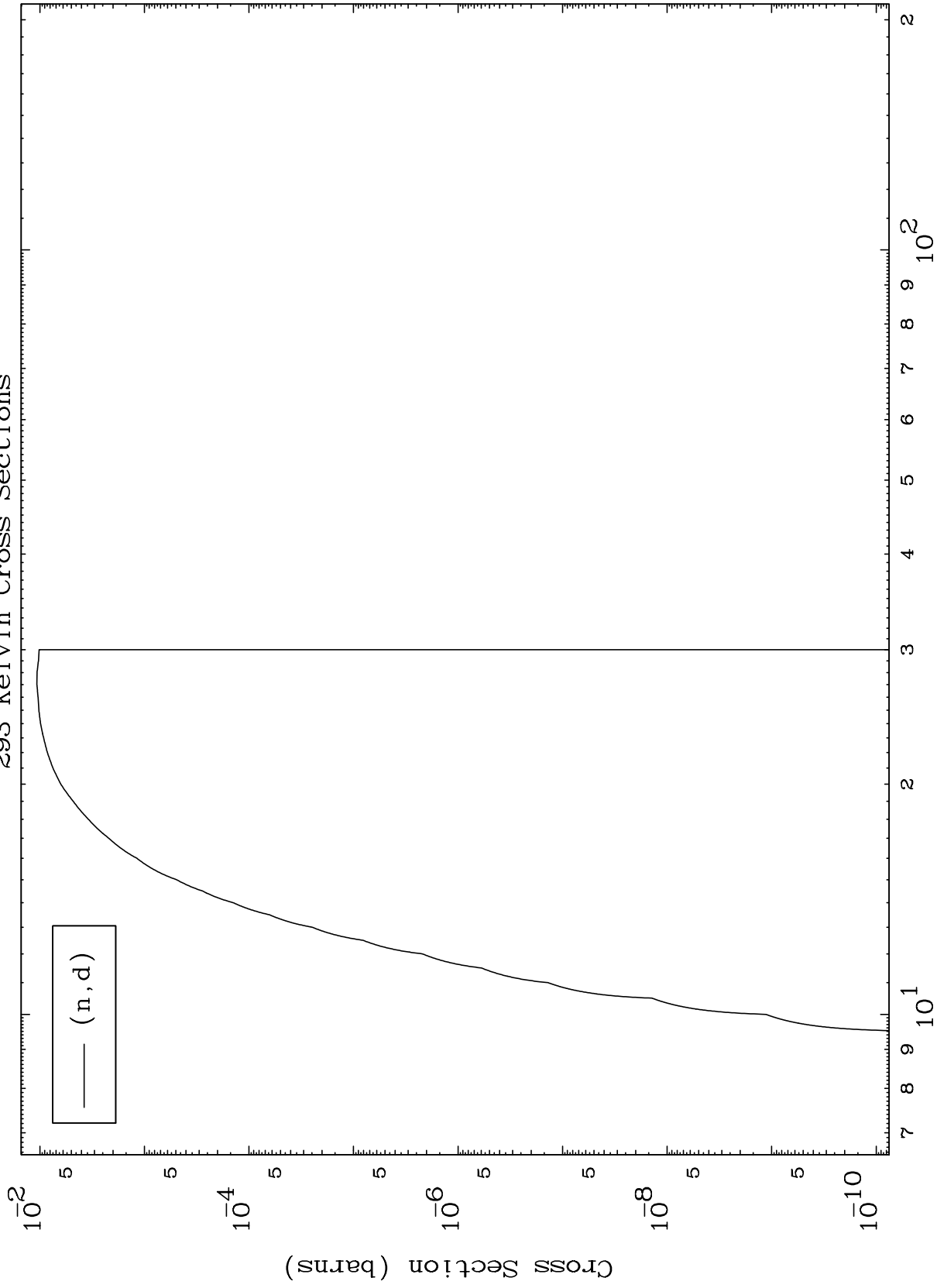
49-In-120



MAT 4946

(n,d) Levels
293 Kelvin Cross Sections

49-In-120



11

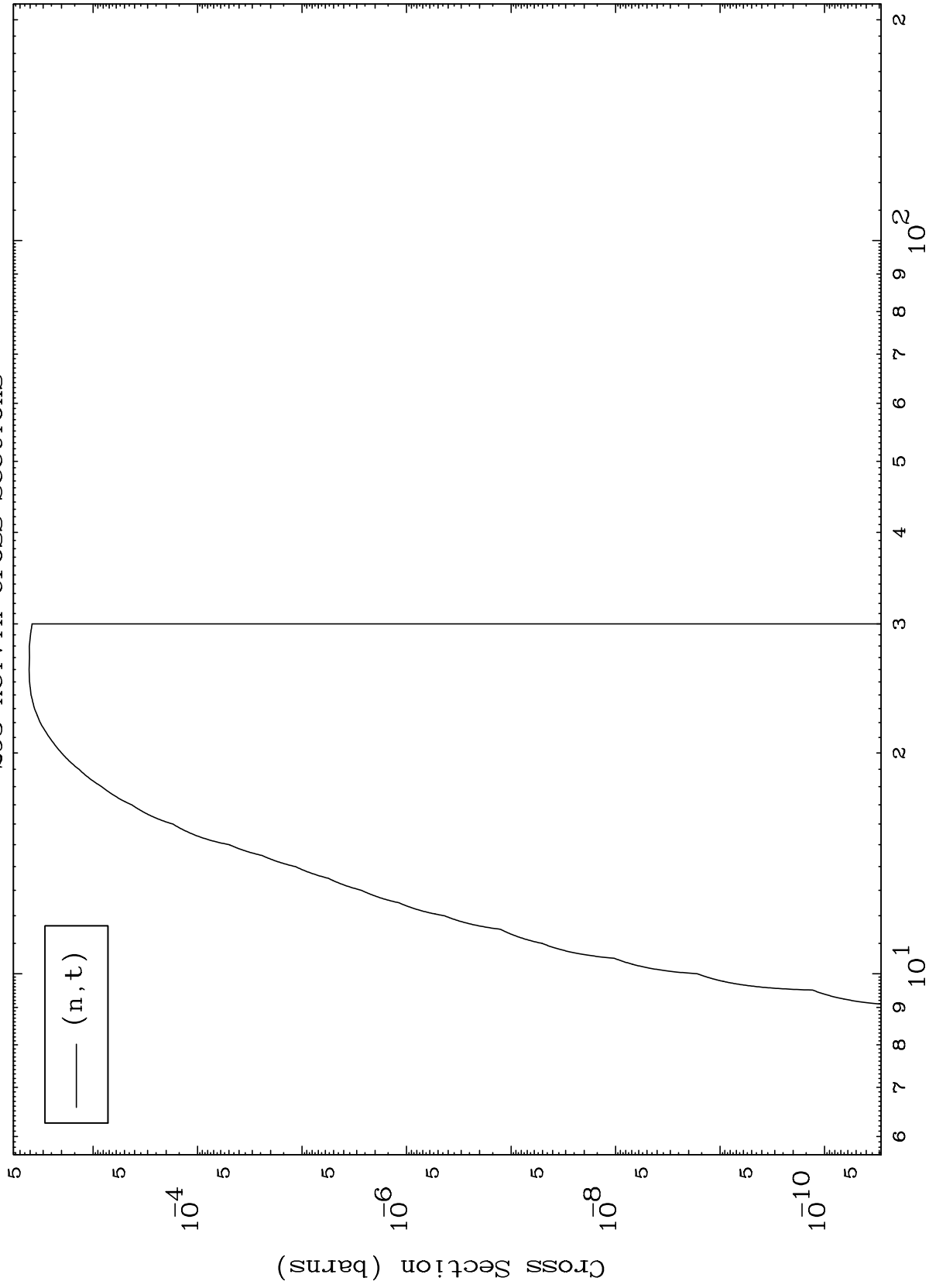
Incident Energy (MeV)

49-In-120

MAT 4946

(n,t) Levels
293 Kelvin Cross Sections

49-In-120



12

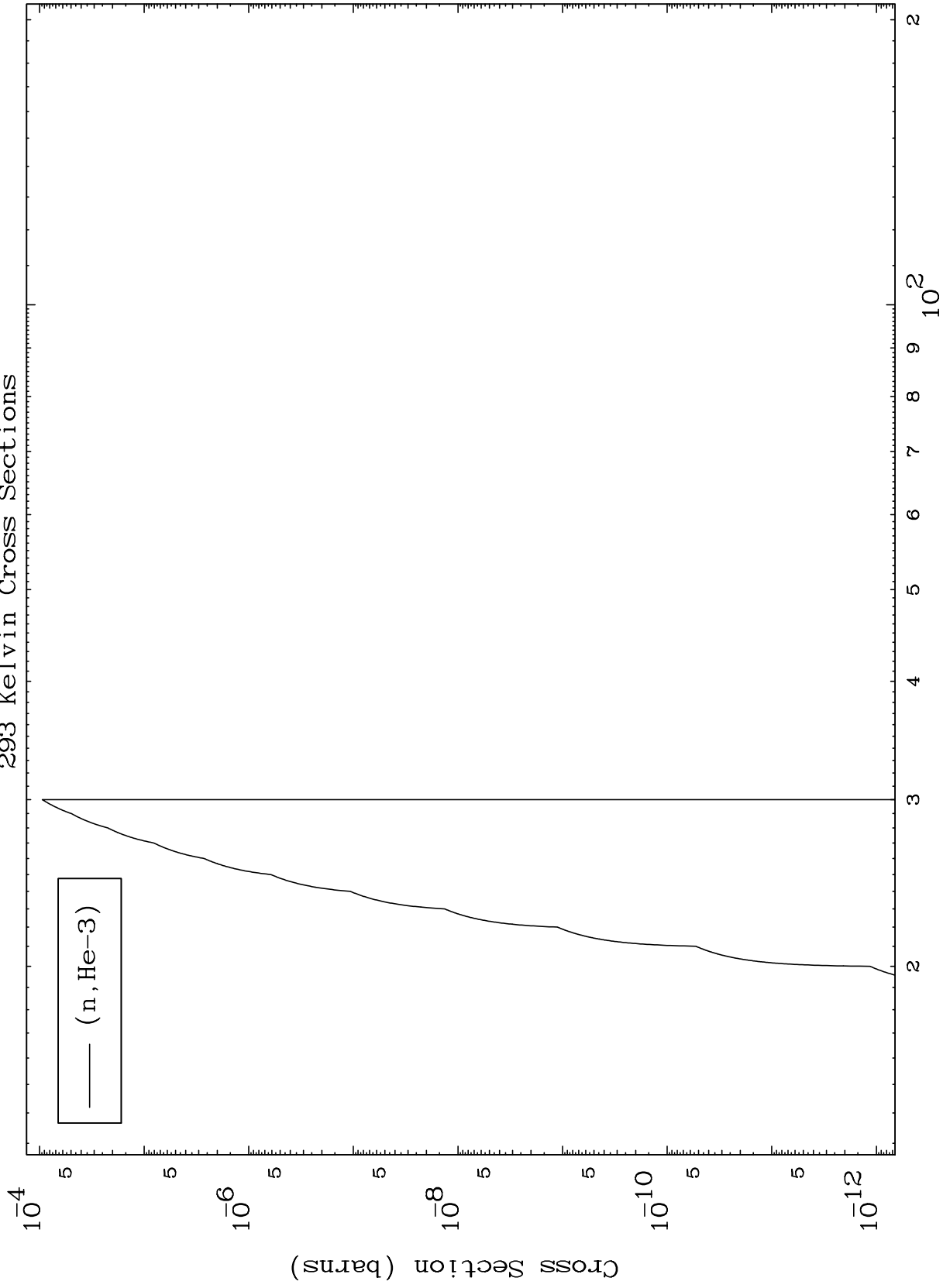
Incident Energy (MeV)

49-In-120

MAT 4946

(n,He3) Levels
293 Kelvin Cross Sections

49-In-120



13

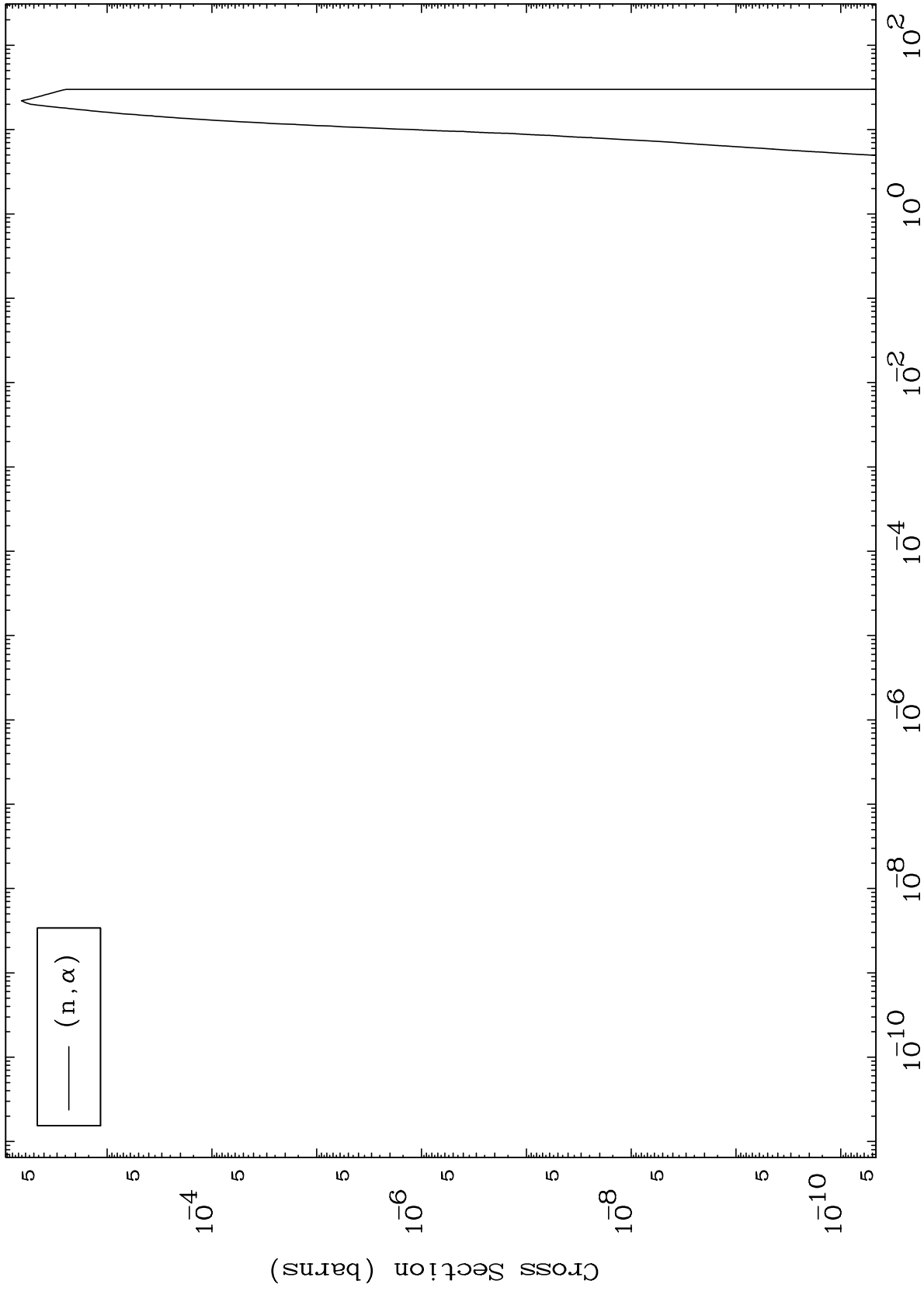
Incident Energy (MeV)

49-In-120

MAT 4946

(n,α) Levels
293 Kelvin Cross Sections

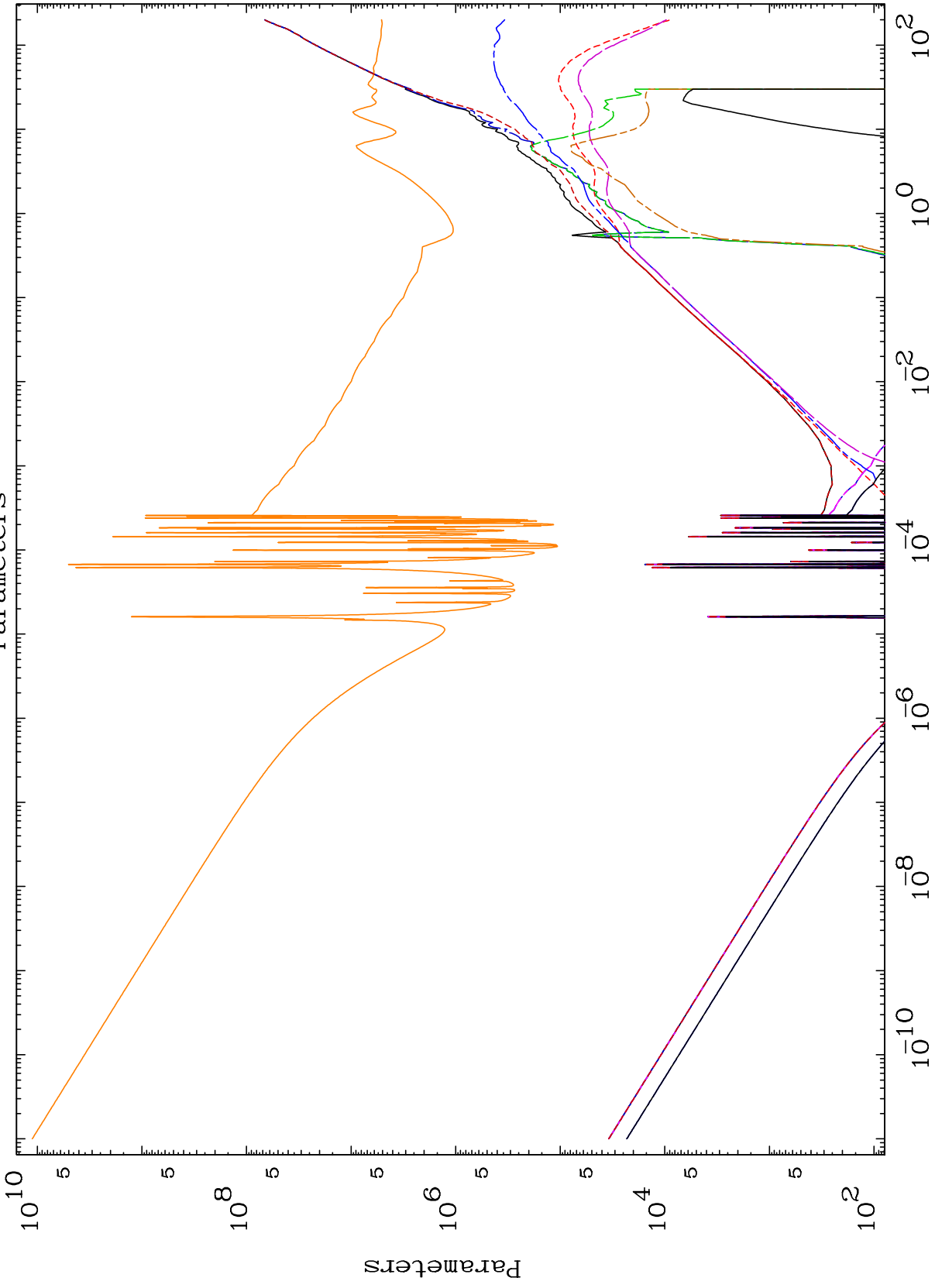
49-In-120



MAT 4946

Energy Release
Parameters

49-In-120



15

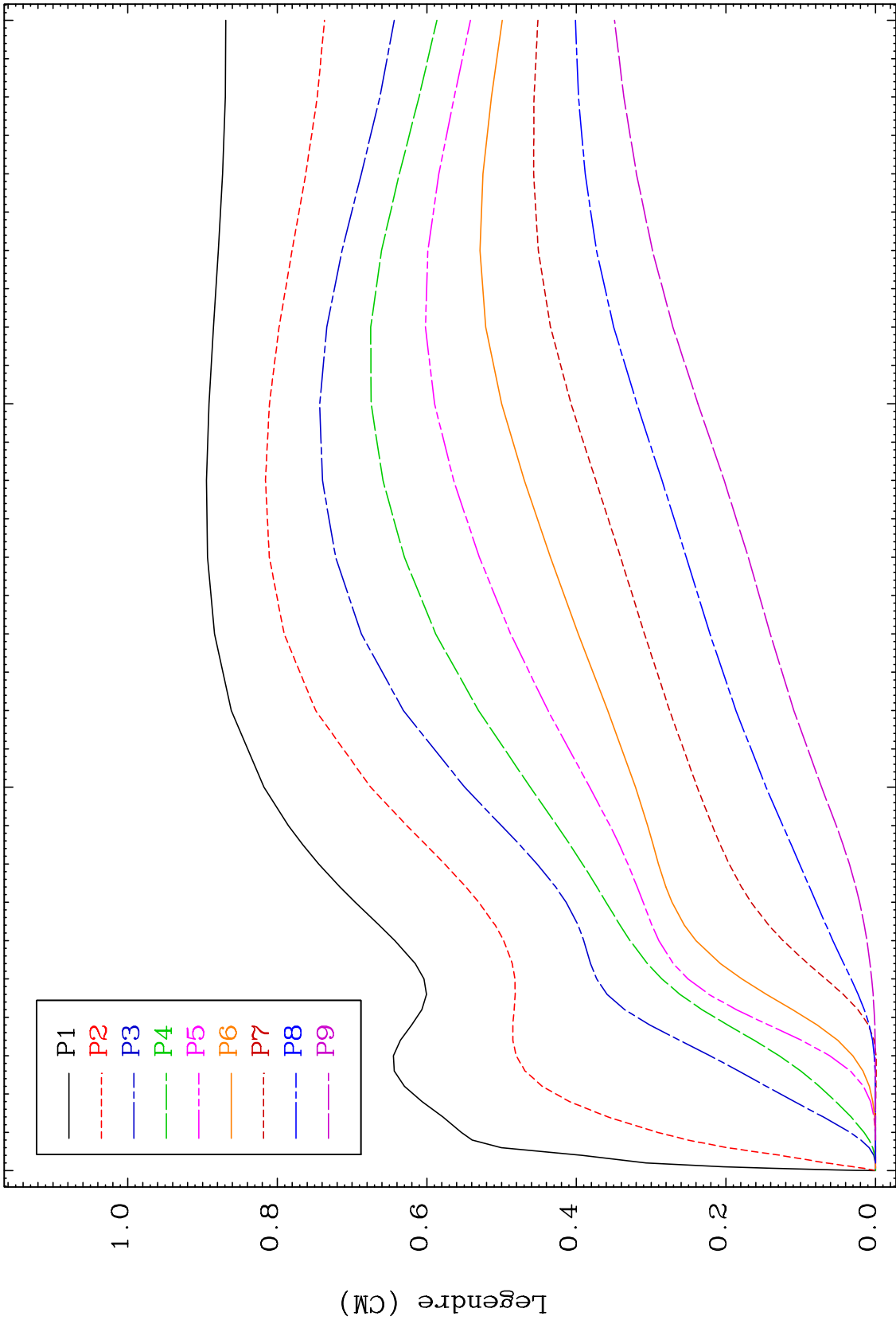
Incident Energy (MeV)

49-In-120

MAT 4946

Elastic Legendre Coefficients

49-In-120



16

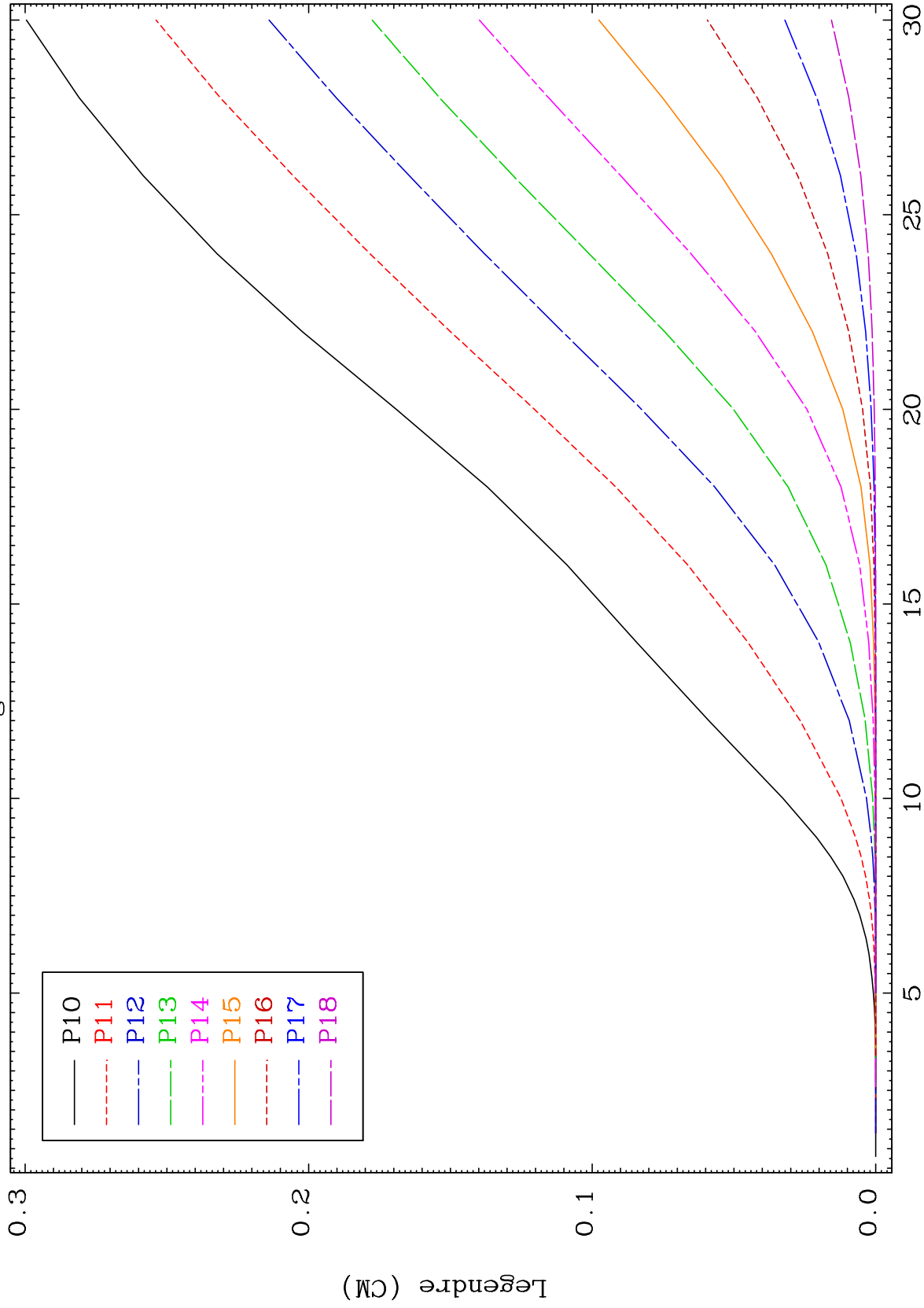
Incident Energy (MeV)

49-In-120

MAT 4946

Elastic Legendre Coefficients

49-In-120



17

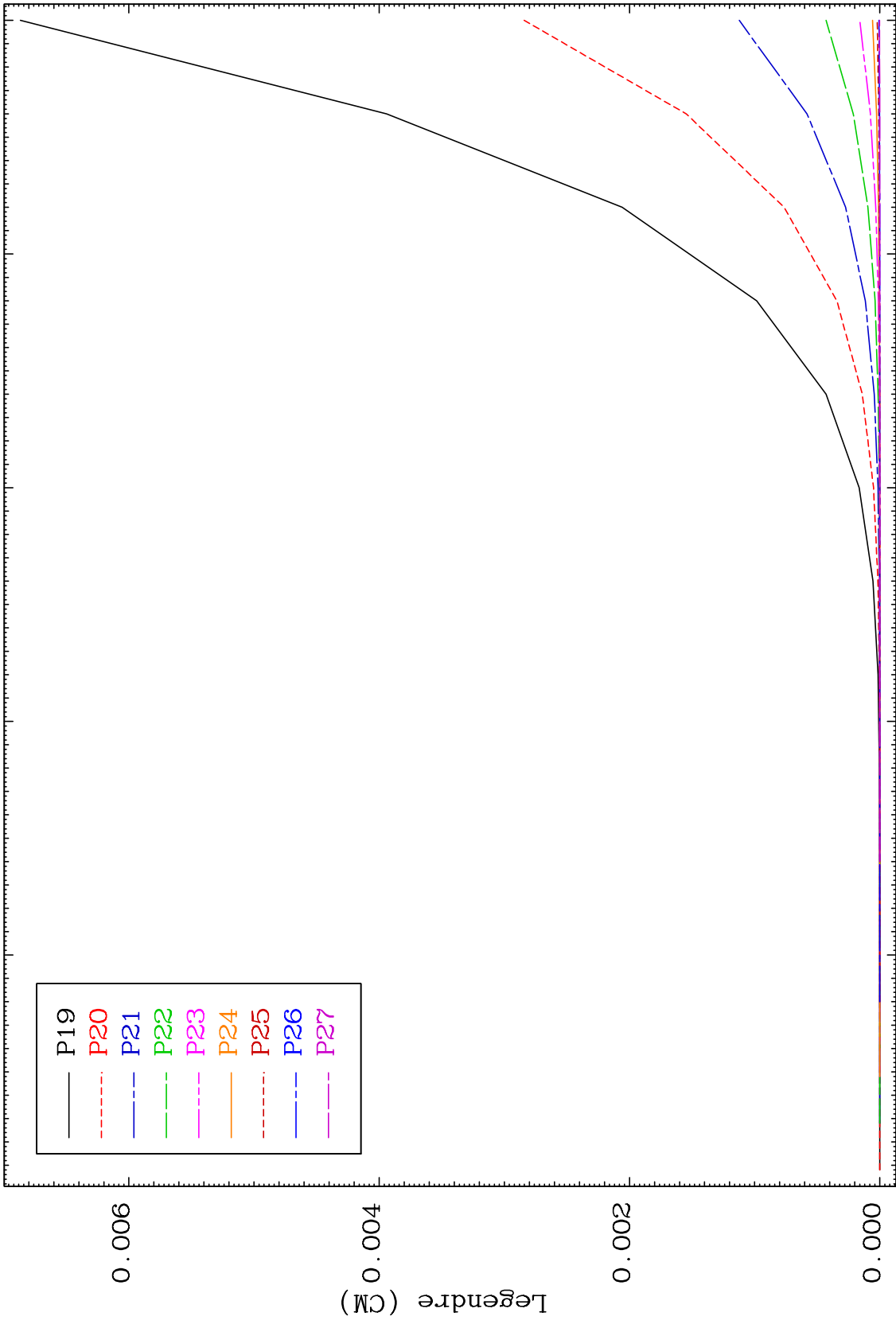
Incident Energy (MeV)

49-In-120

MAT 4946

Elastic Legendre Coefficients

49-In-120



18

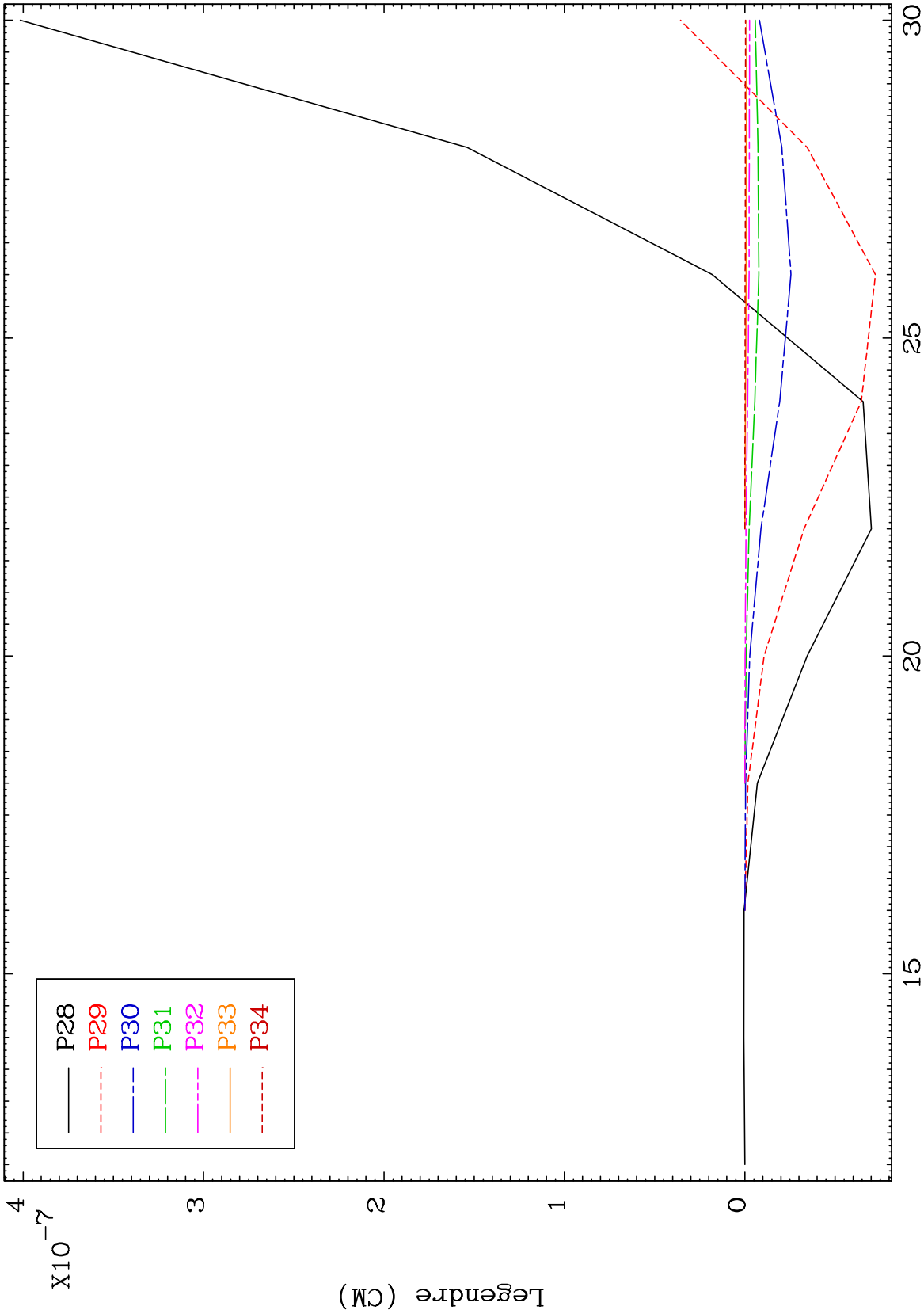
Incident Energy (MeV)

49-In-120

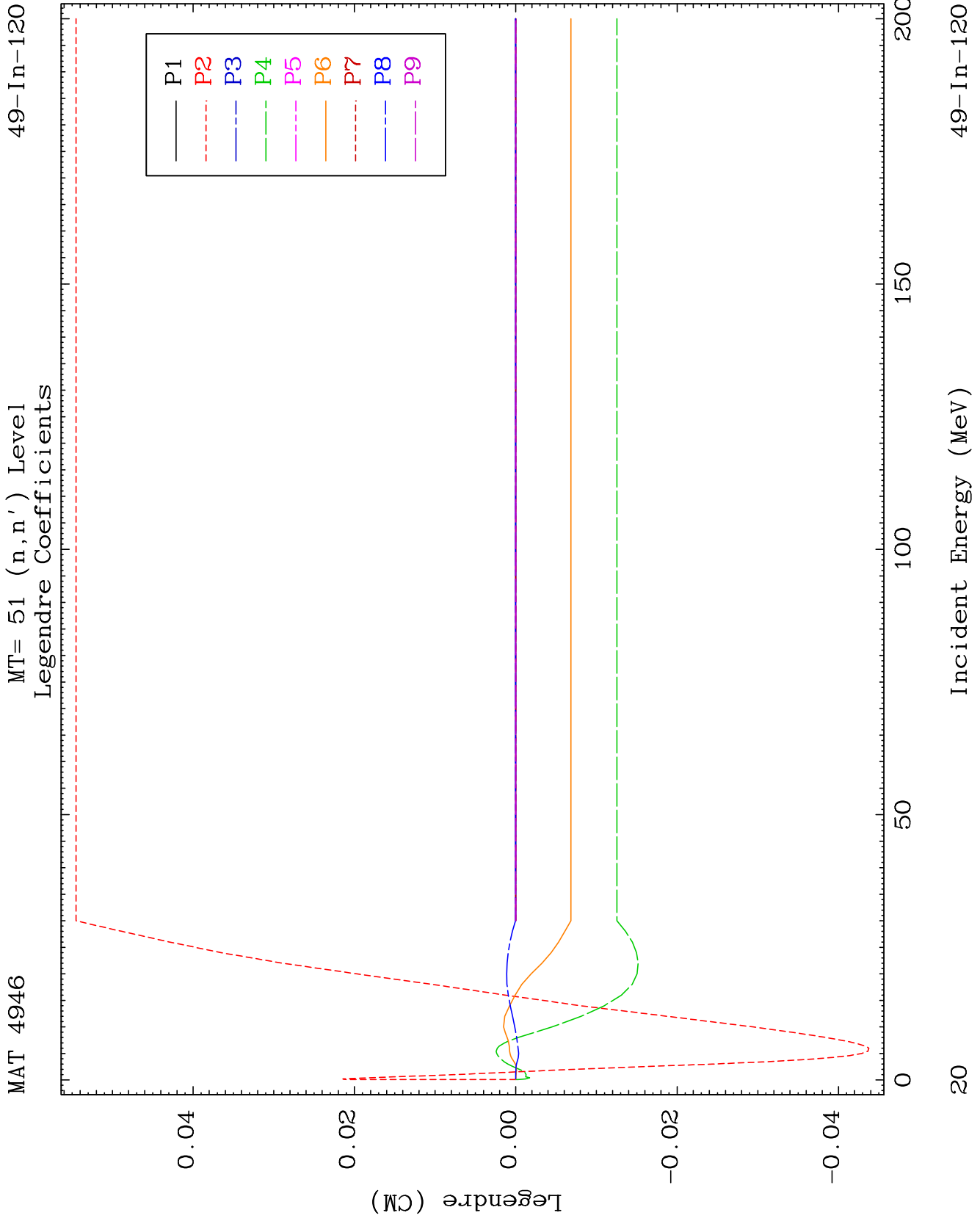
MAT 4946

Elastic Legendre Coefficients

49-In-120



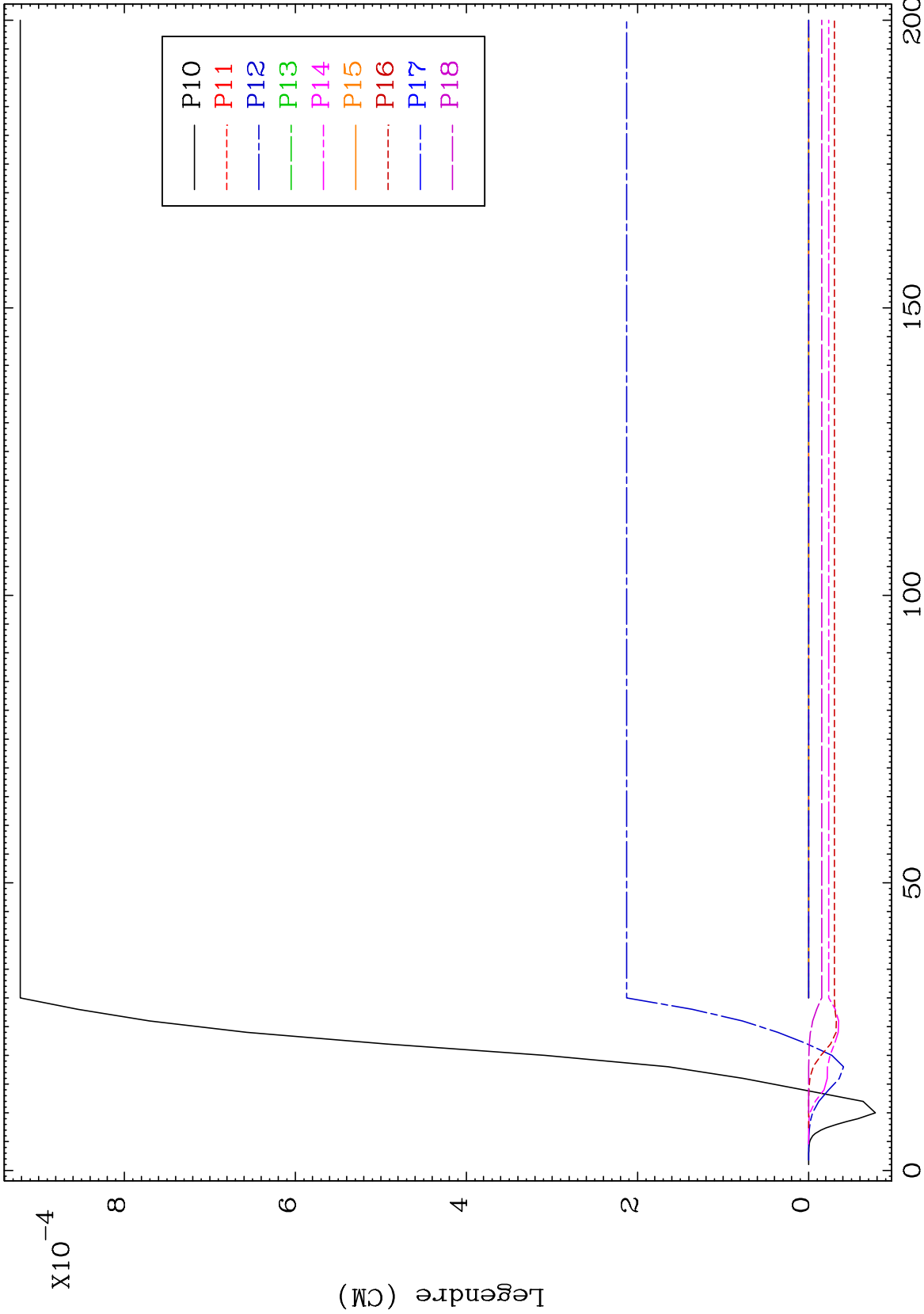
- P28
- P29
- P30
- P31
- P32
- P33
- P34



MAT 4946

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

49-In-120

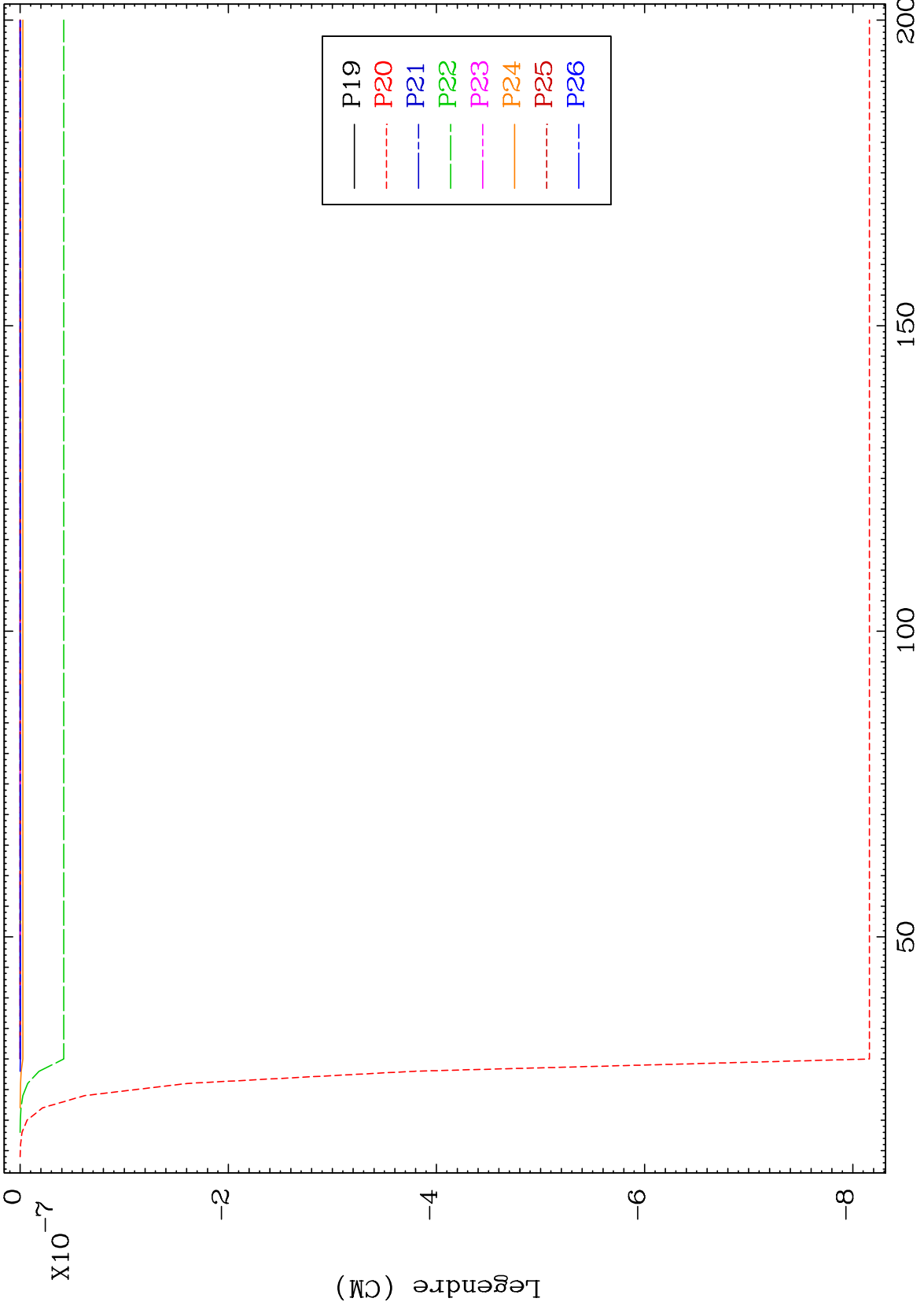


21

Incident Energy (MeV)

49-In-120

MAT 4946 MT= 51 (n,n') Level Legendre Coefficients 49-In-120

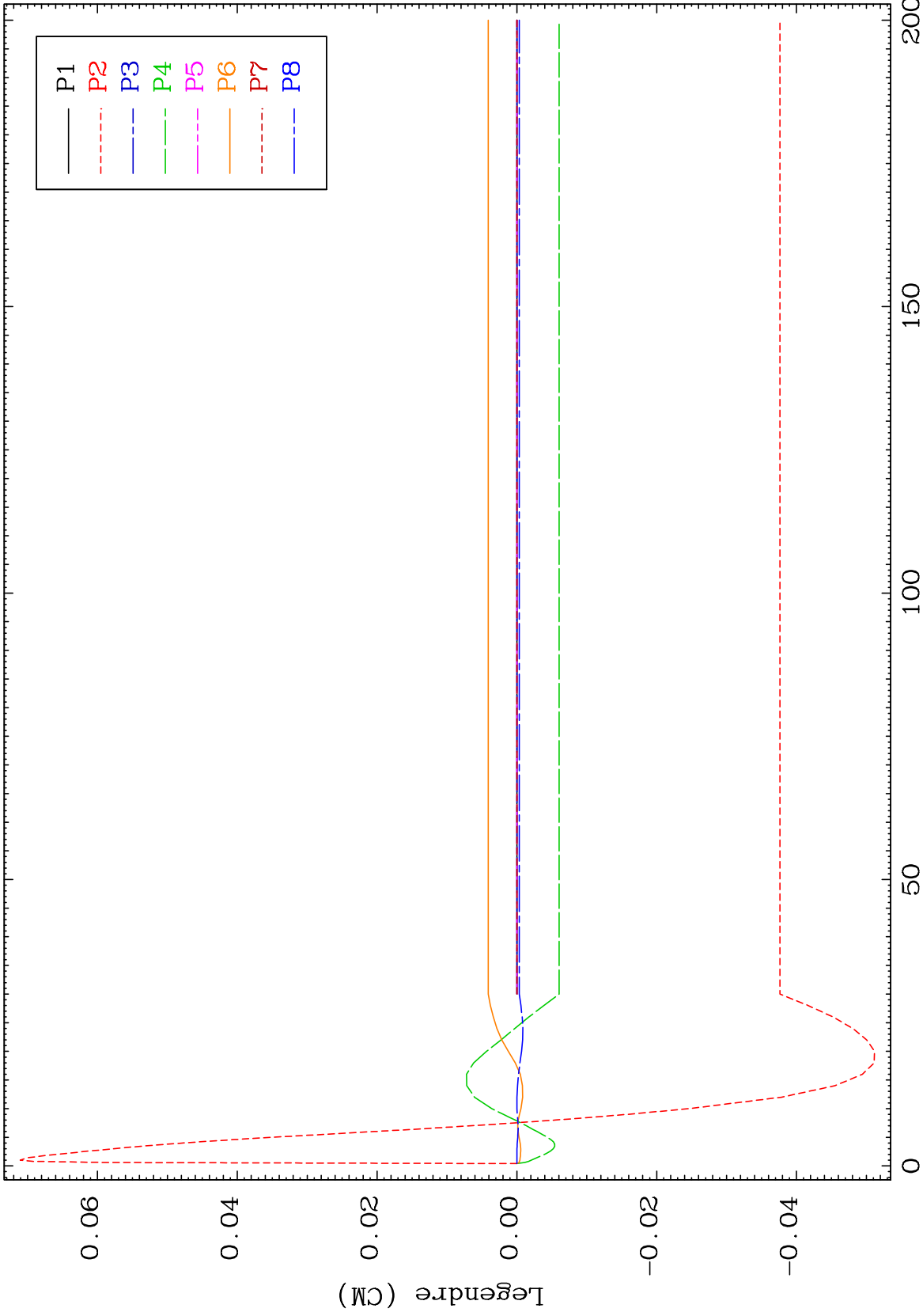


22 Incident Energy (MeV) 49-In-120

MAT 4946

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

49-In-120



23

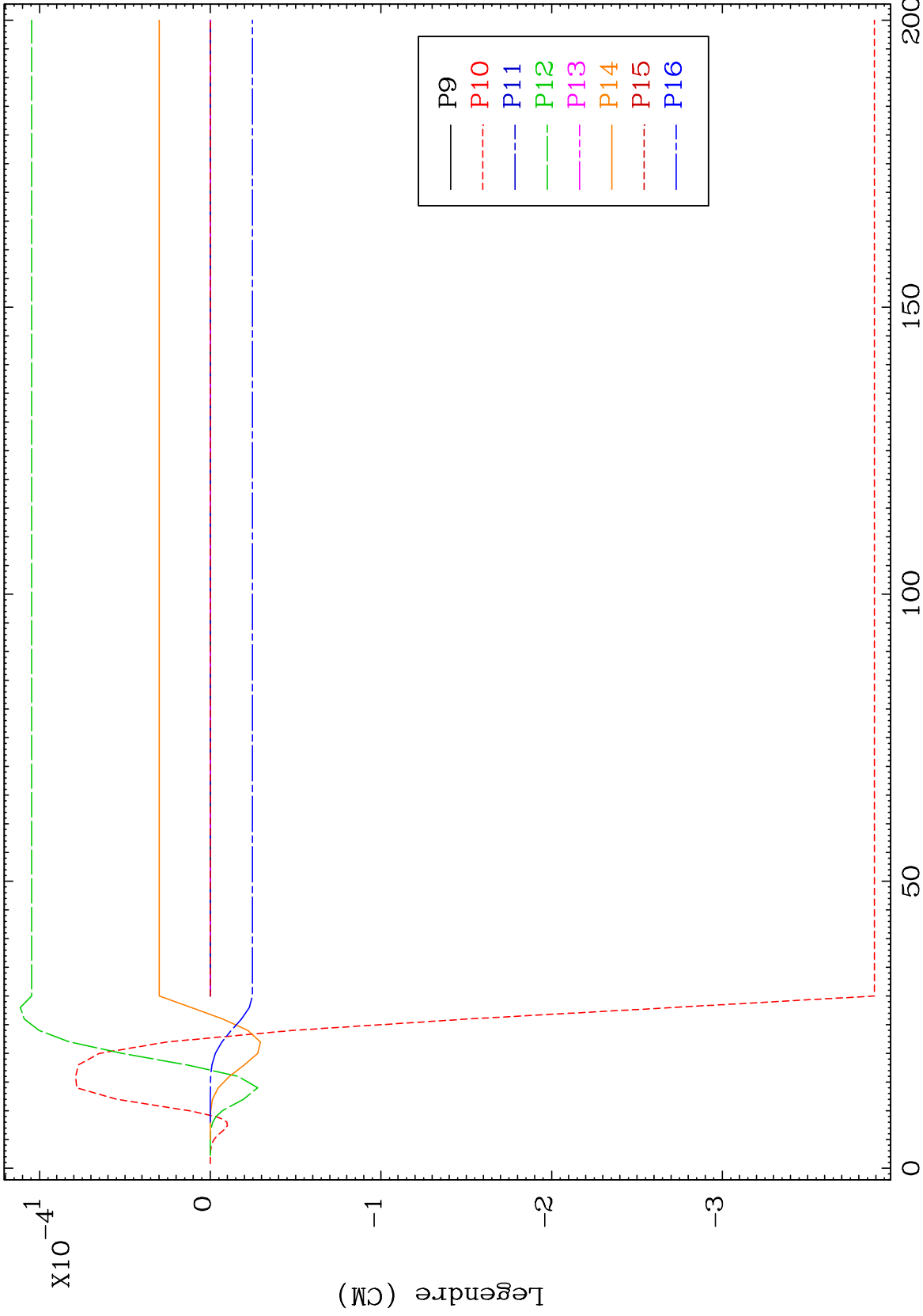
Incident Energy (MeV)

49-In-120

MAT 4946

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

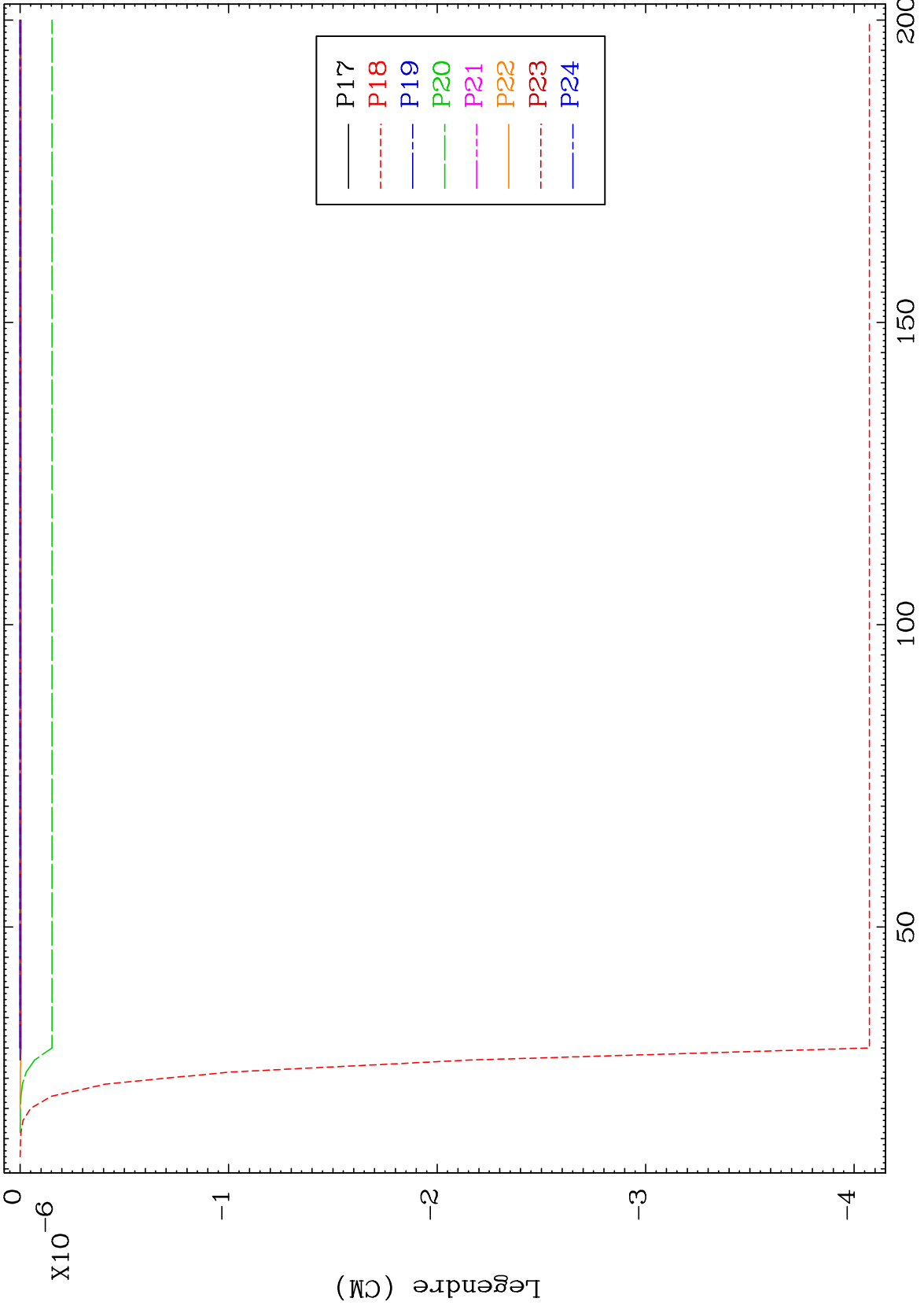
49-In-120



24

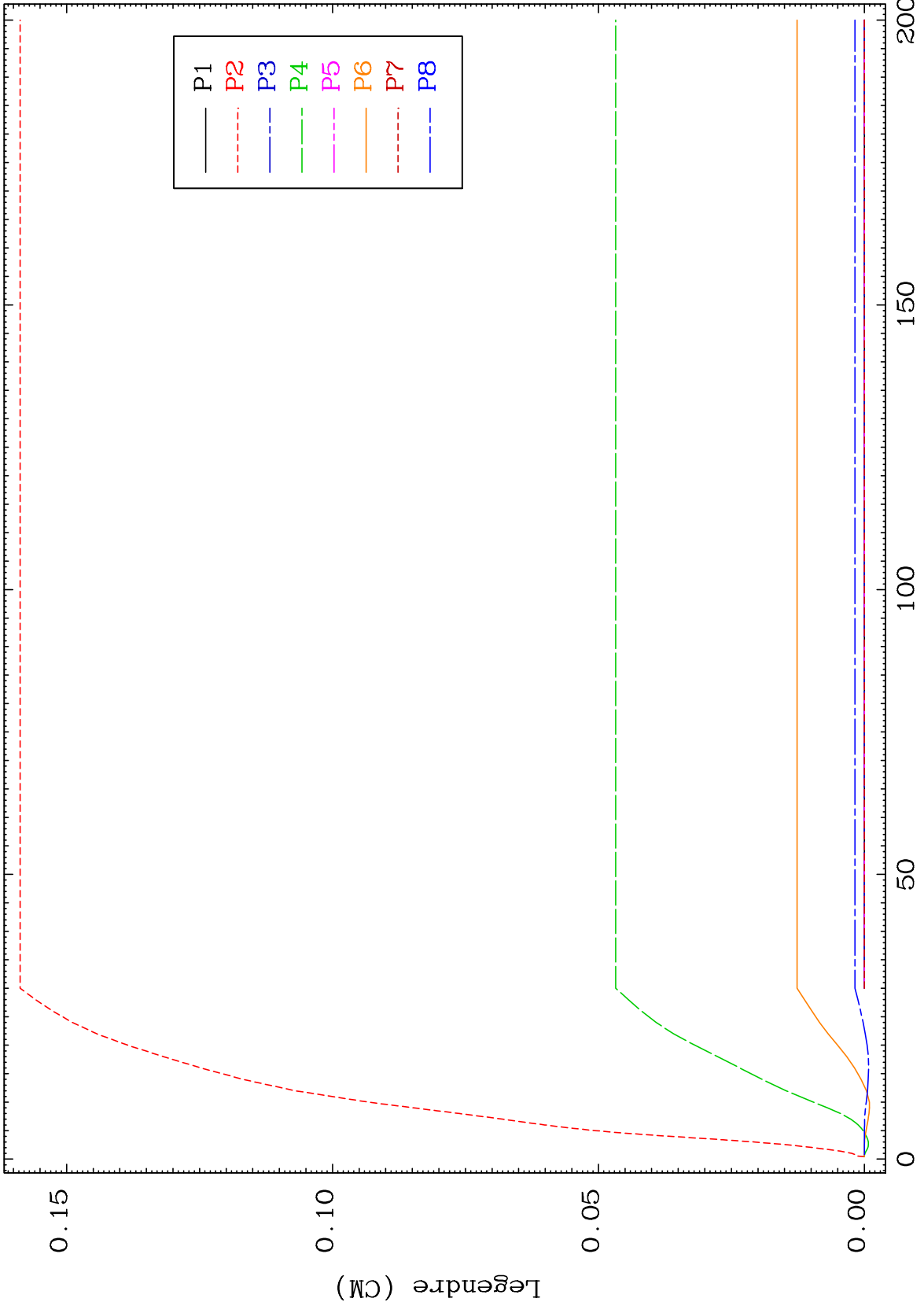
49-In-120

MAT 4946 MT= 52 (n,n') Level Legendre Coefficients 49-In-120



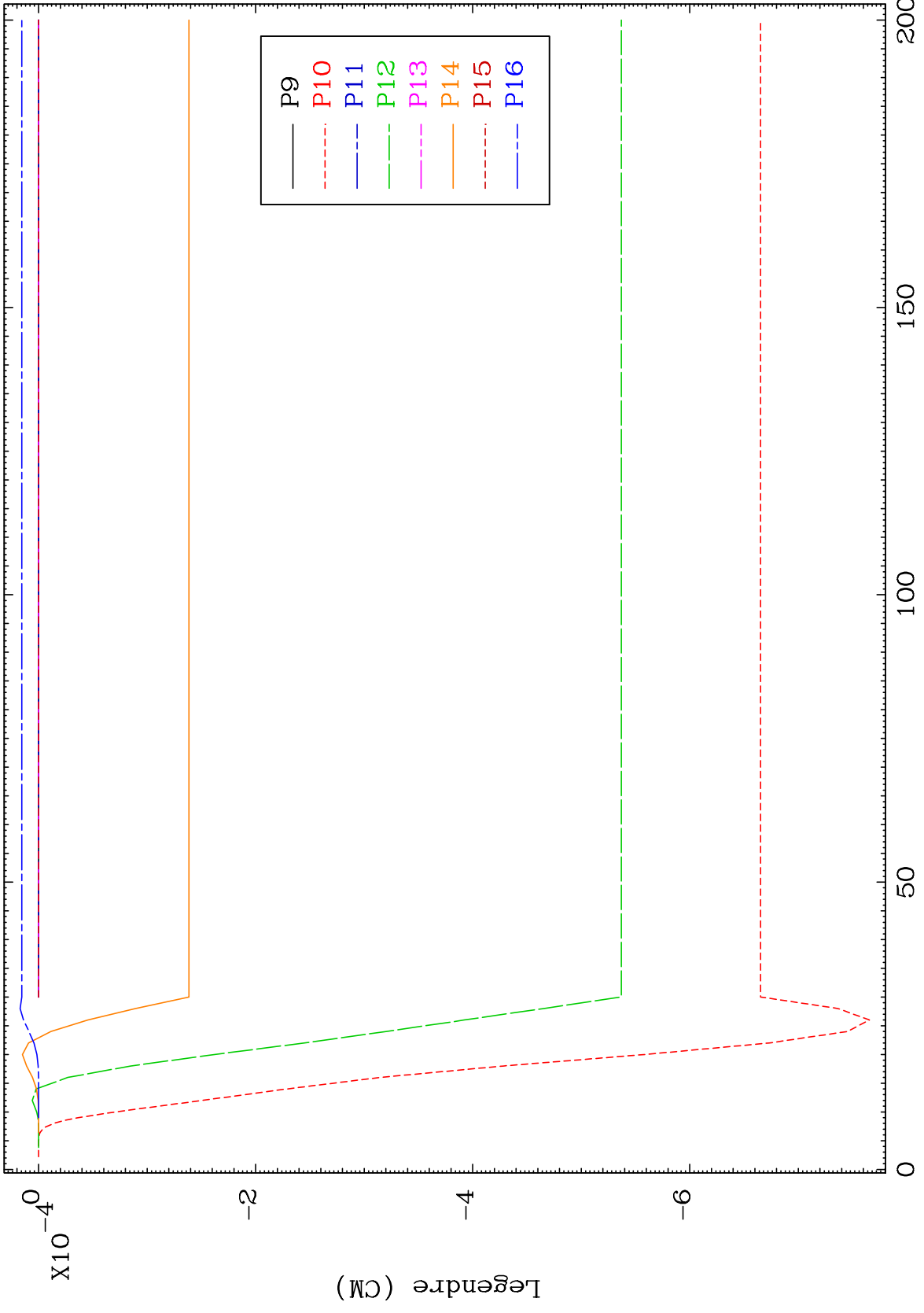
25 Incident Energy (MeV) 49-In-120

MAT 4946 MT= 53 (n,n') Level Legendre Coefficients 49-In-120



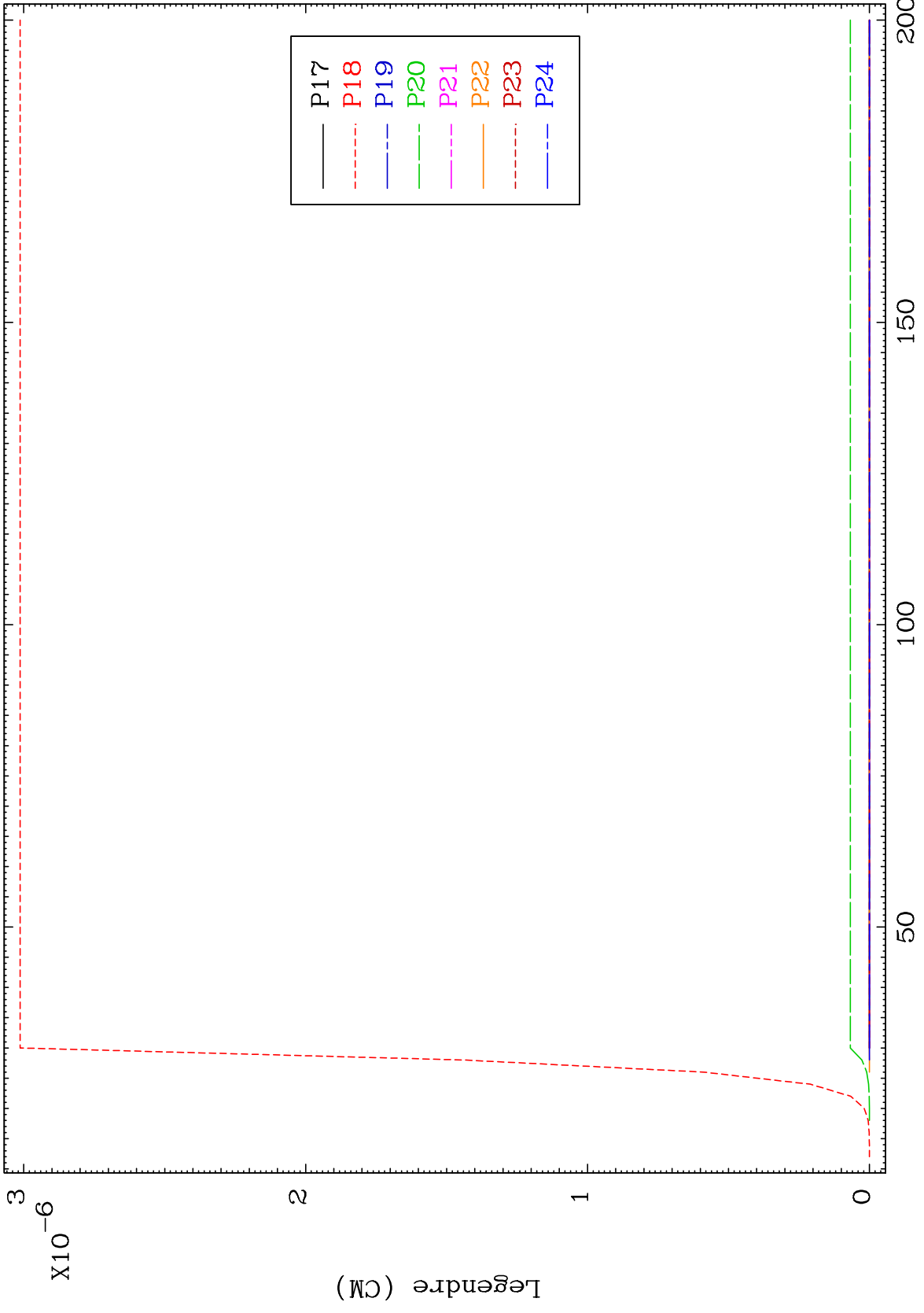
26 Incident Energy (MeV) 49-In-120

MAT 4946 MT= 53 (n,n') Level Legendre Coefficients 49-In-120



27 Incident Energy (MeV) 49-In-120

MAT 4946 MT= 53 (n,n') Level Legendre Coefficients 49-In-120

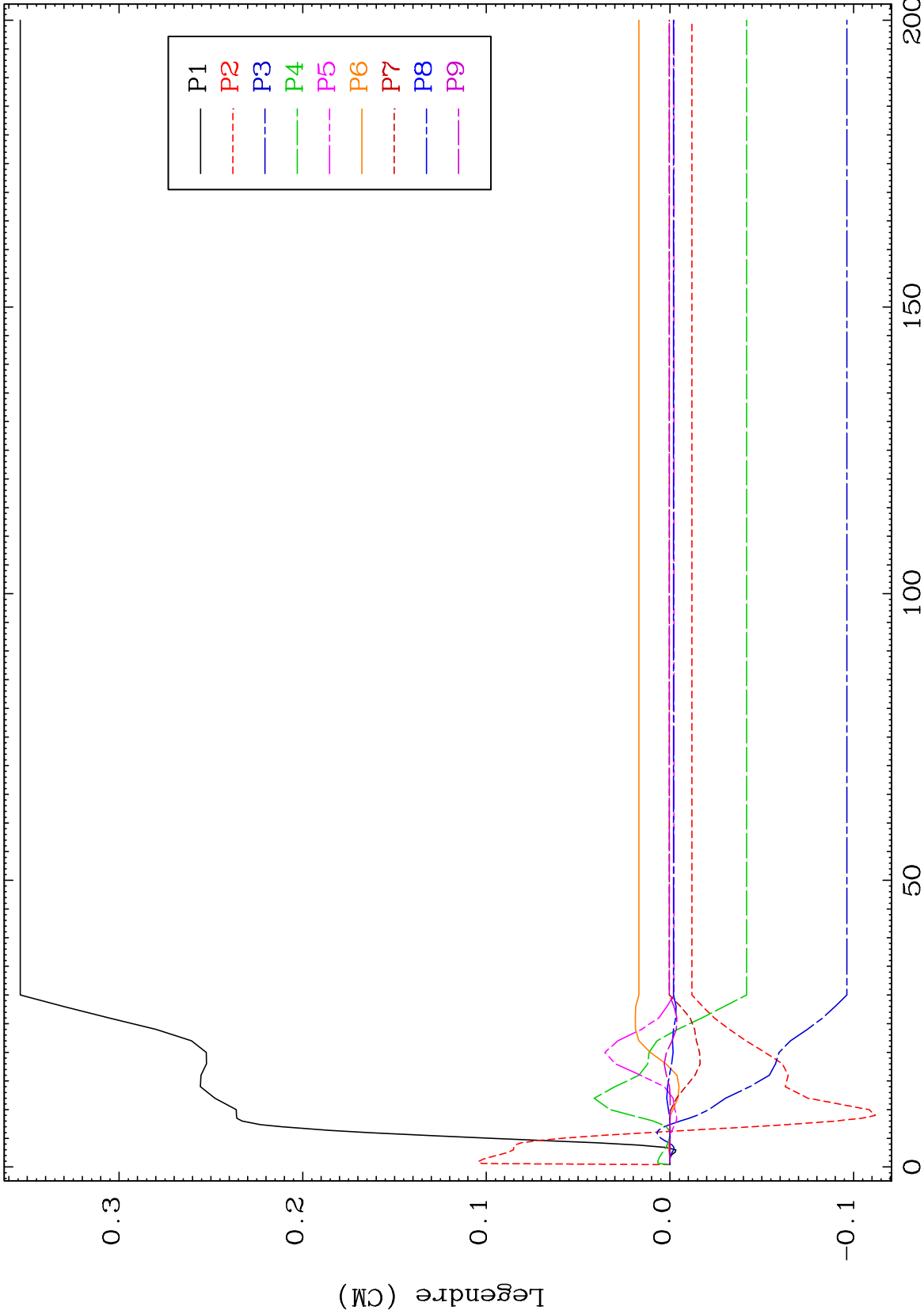


28 Incident Energy (MeV) 49-In-120

MAT 4946

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

49-In-120



29

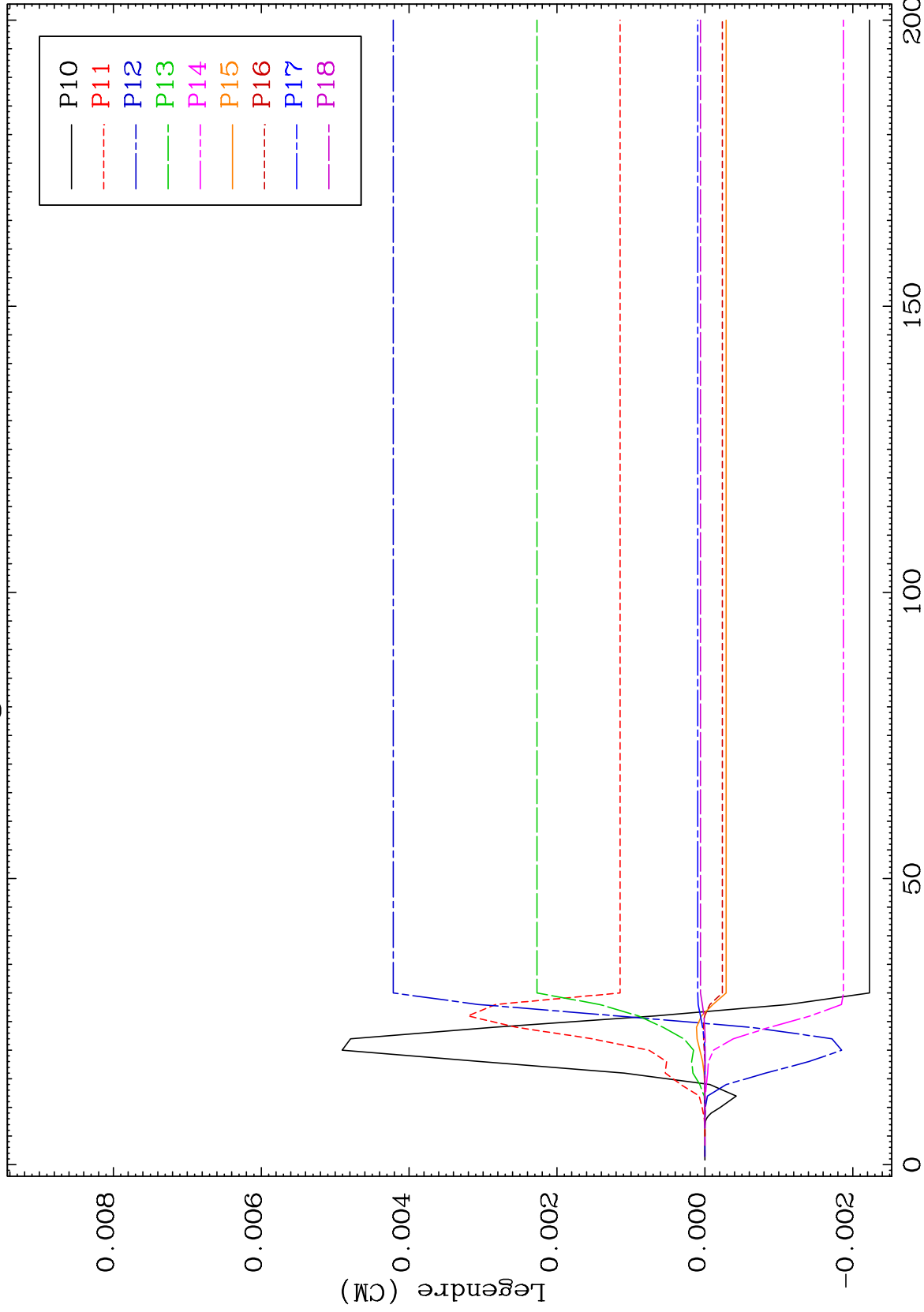
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



0

-0.002

0.000

0.002

0.004

0.006

0.008

50

100

150

200

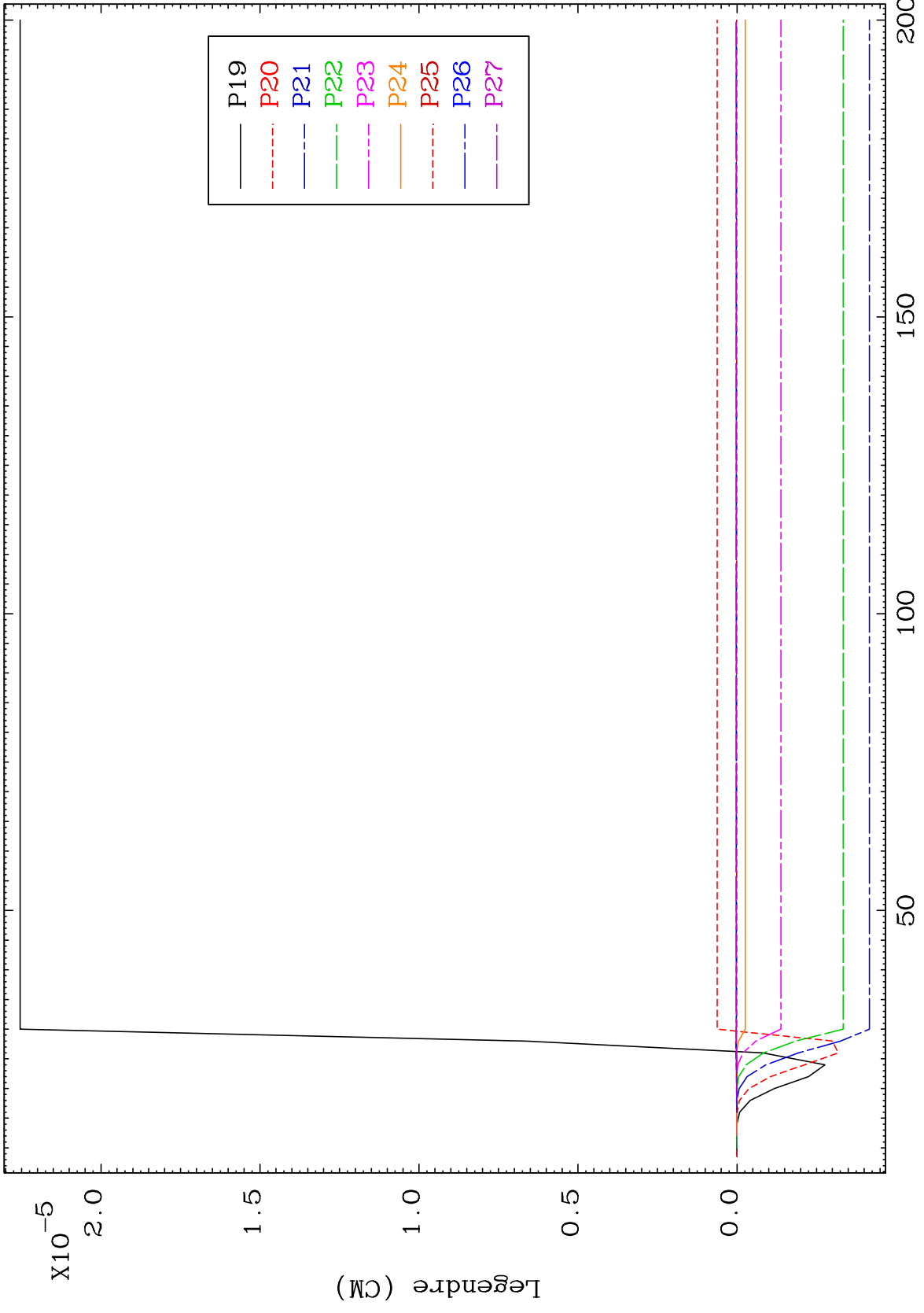
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



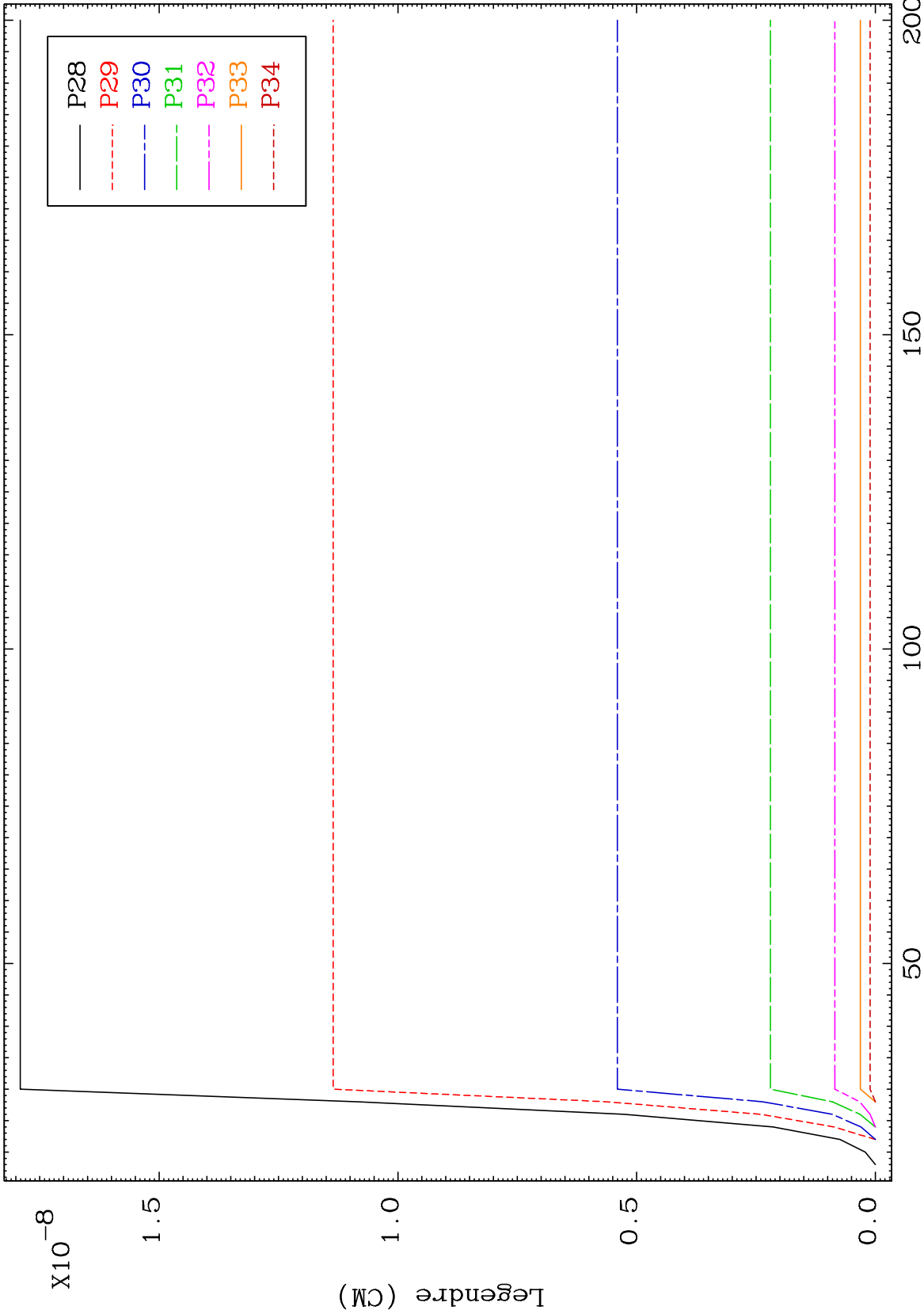
31

49-In-120

MAT 4946

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

49-In-120



32

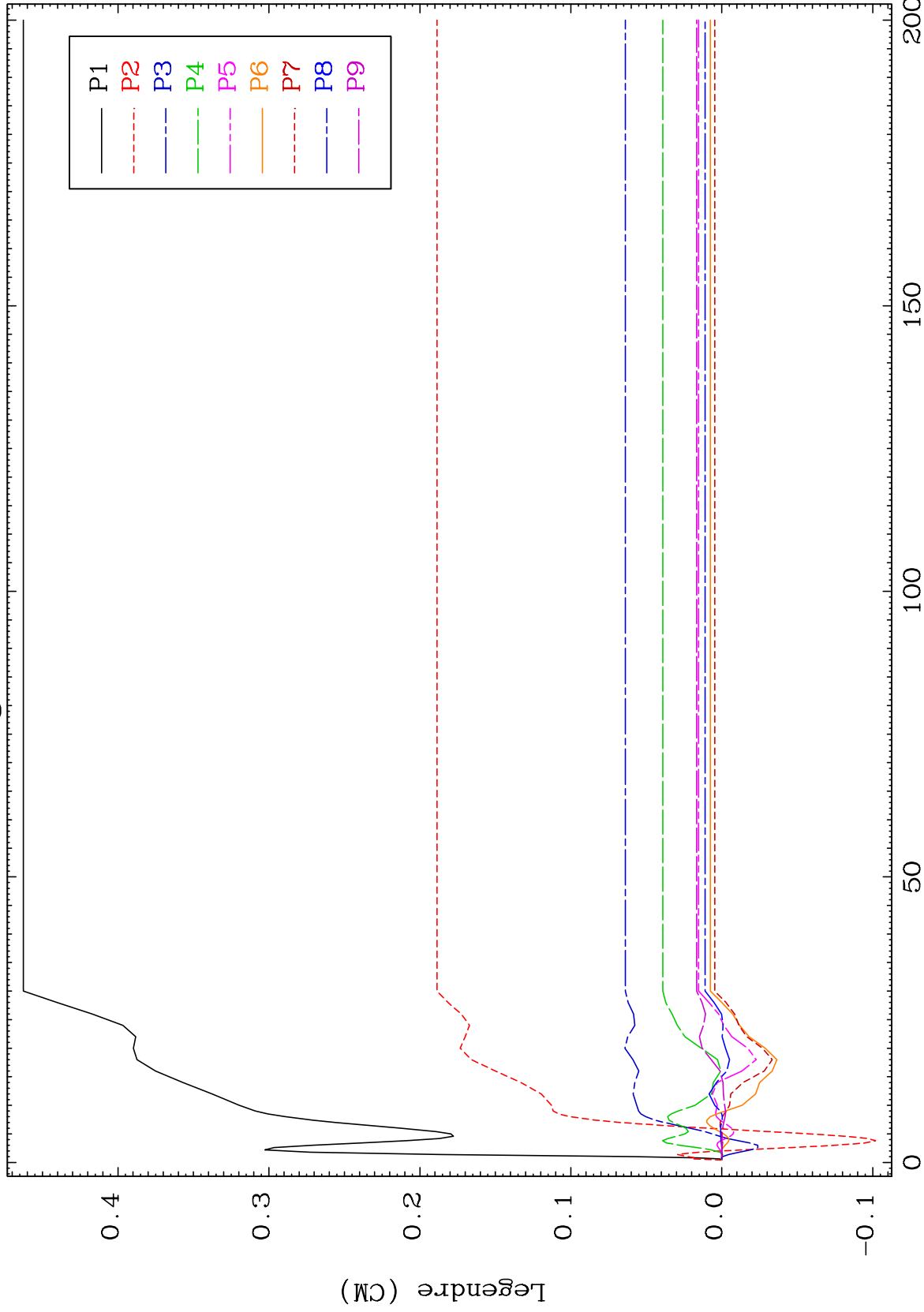
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



33

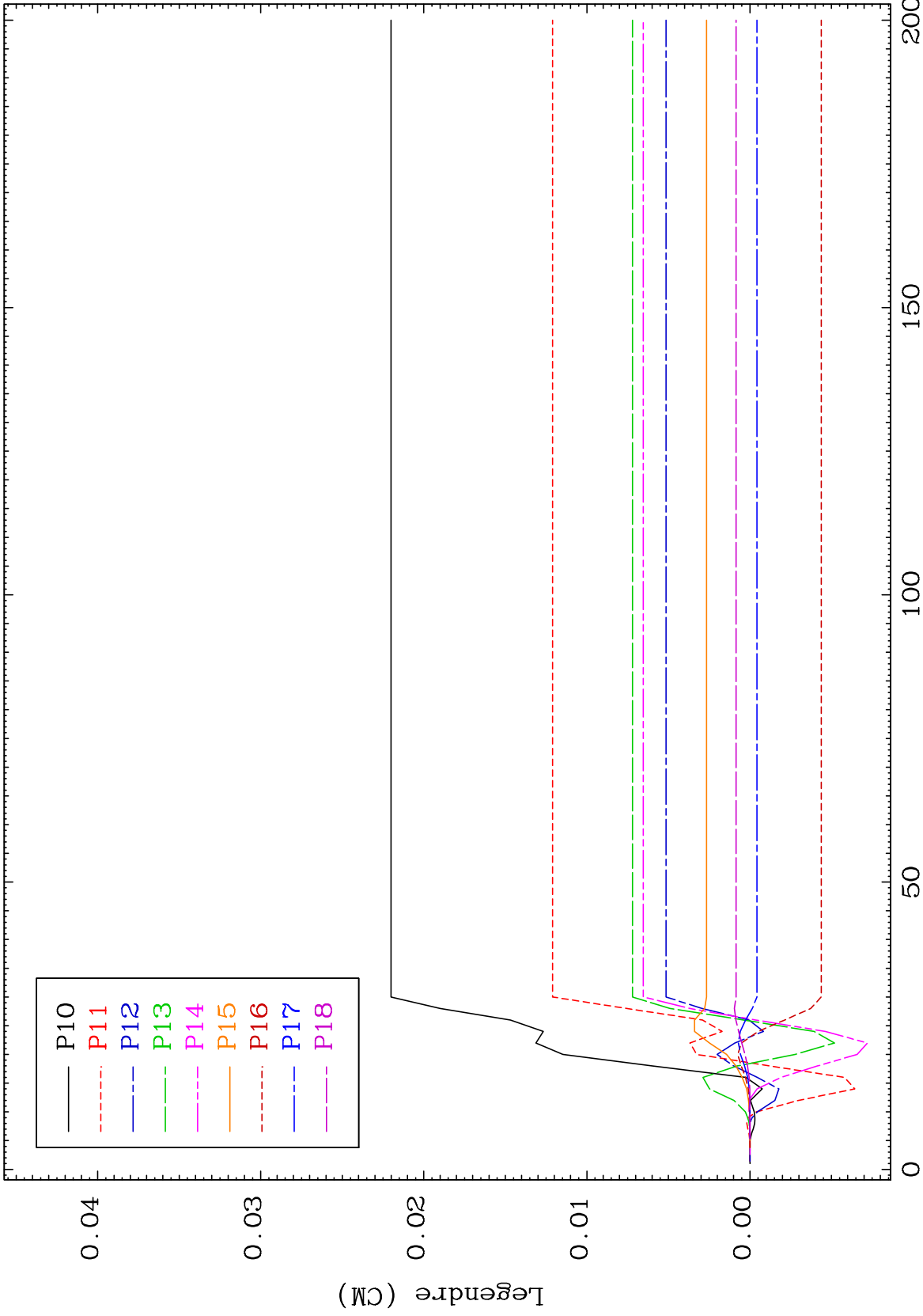
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



34

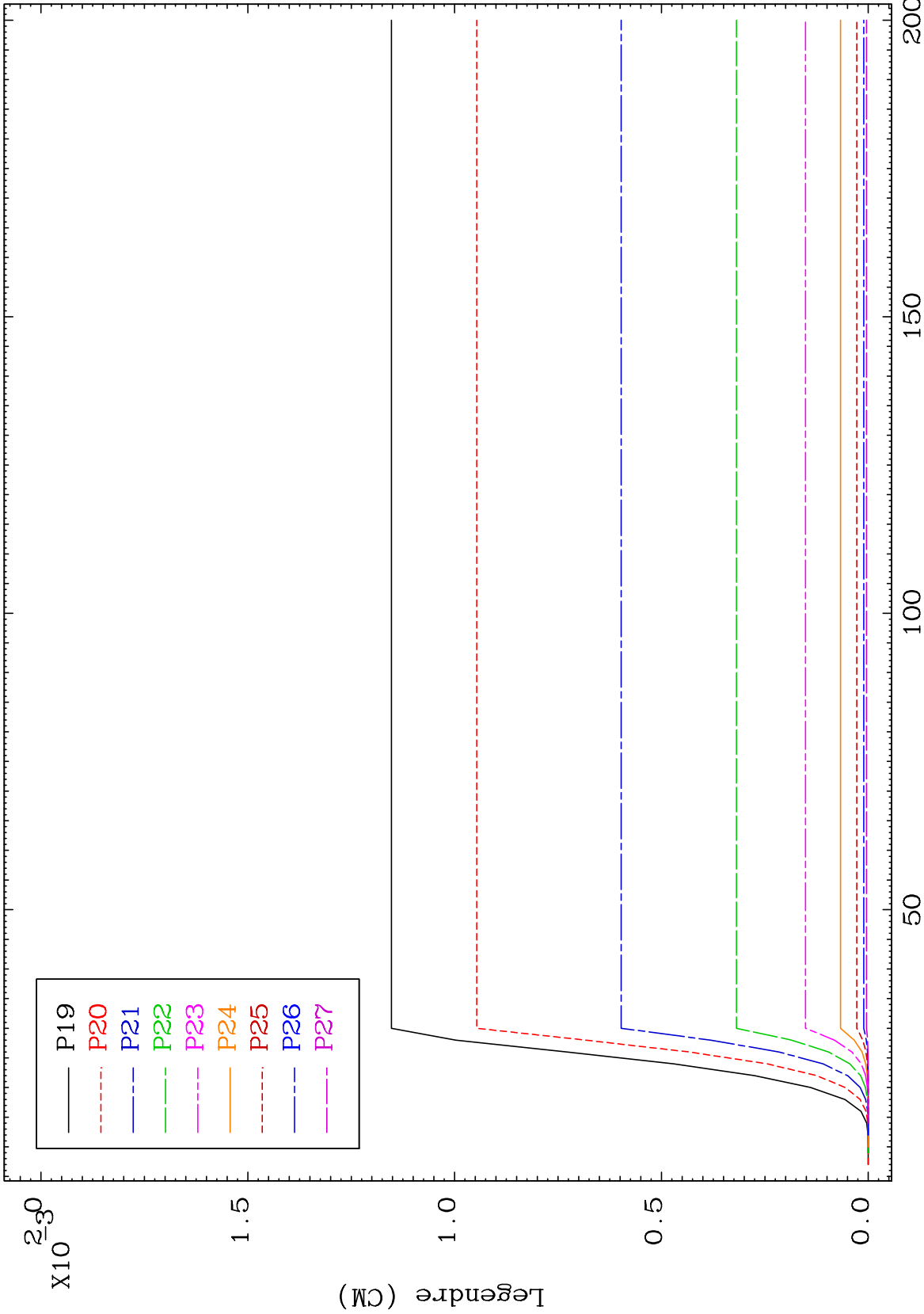
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



35

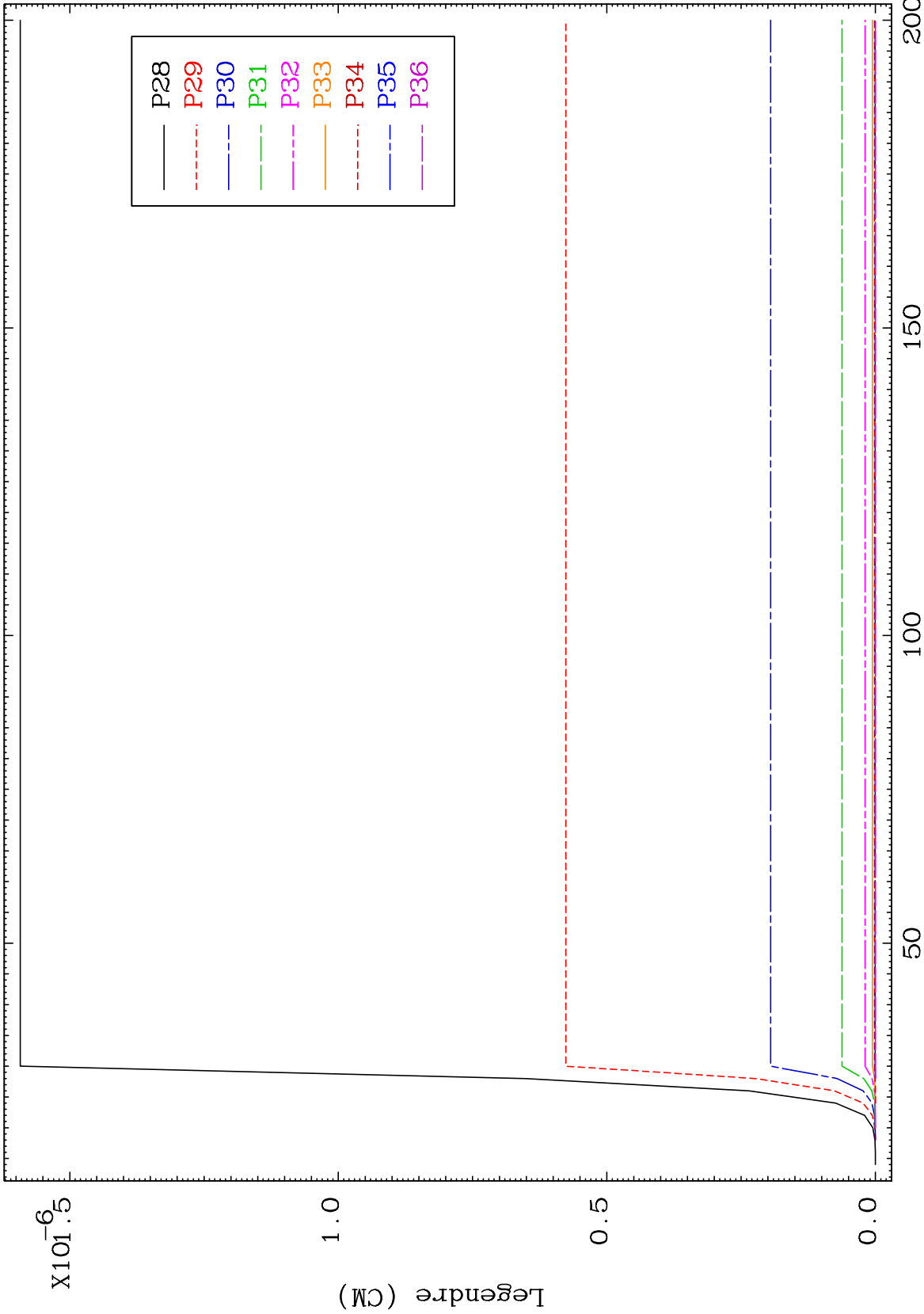
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120

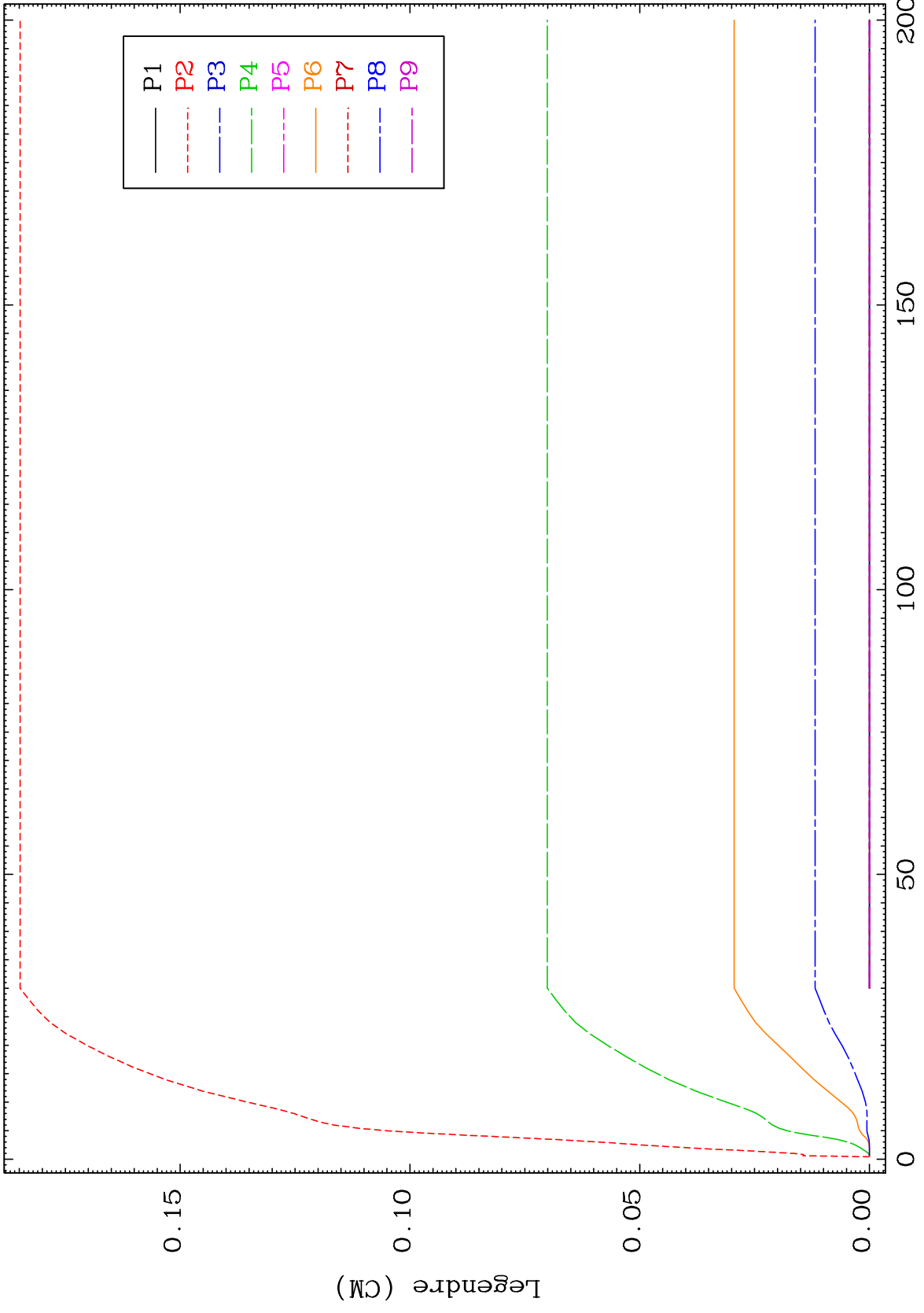


36

Incident Energy (MeV)

49-In-120

MAT 4946 MT= 56 (n,n') Level Legendre Coefficients 49-In-120

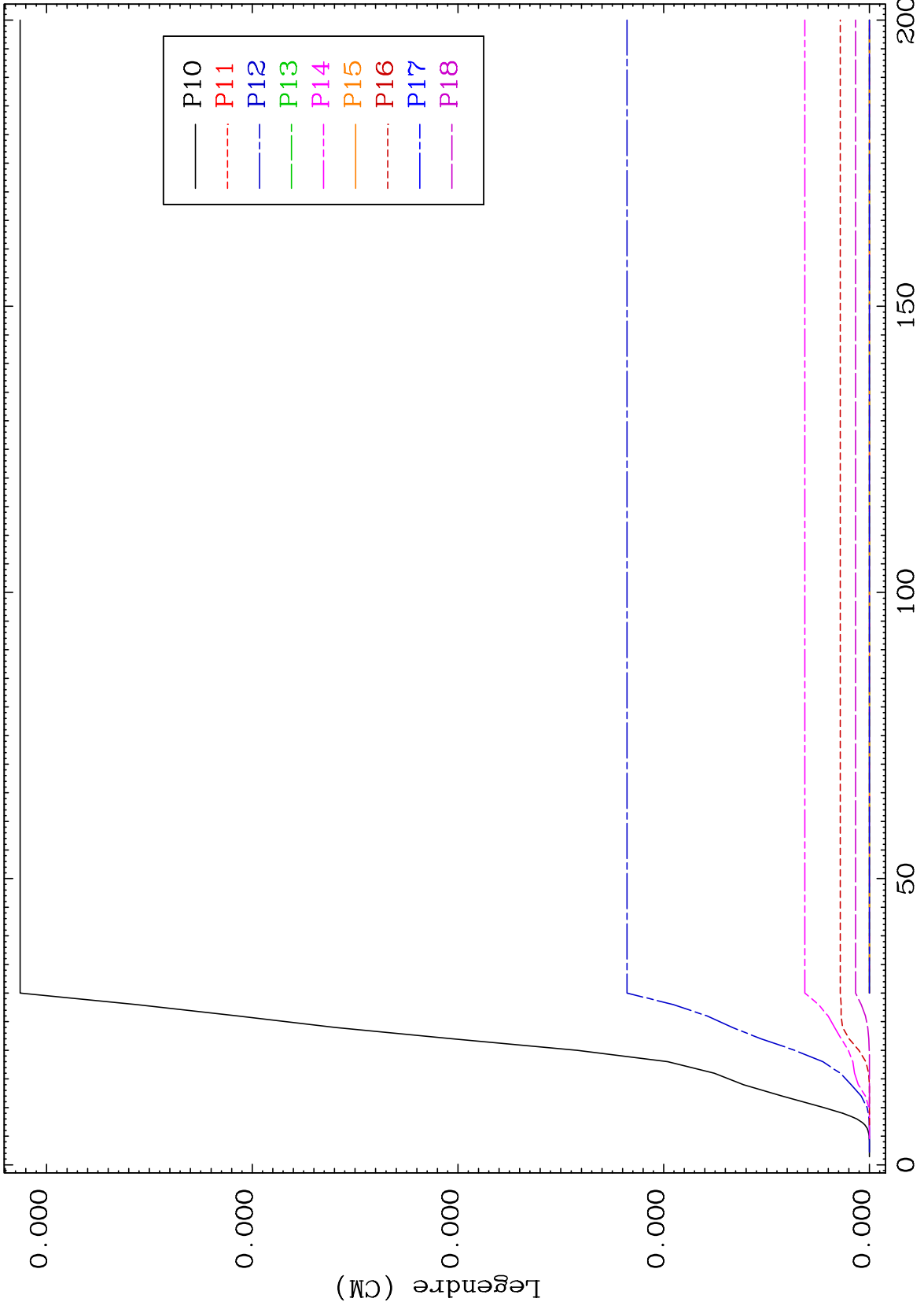


37 Incident Energy (MeV) 49-In-120

MAT 4946

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

49-In-120

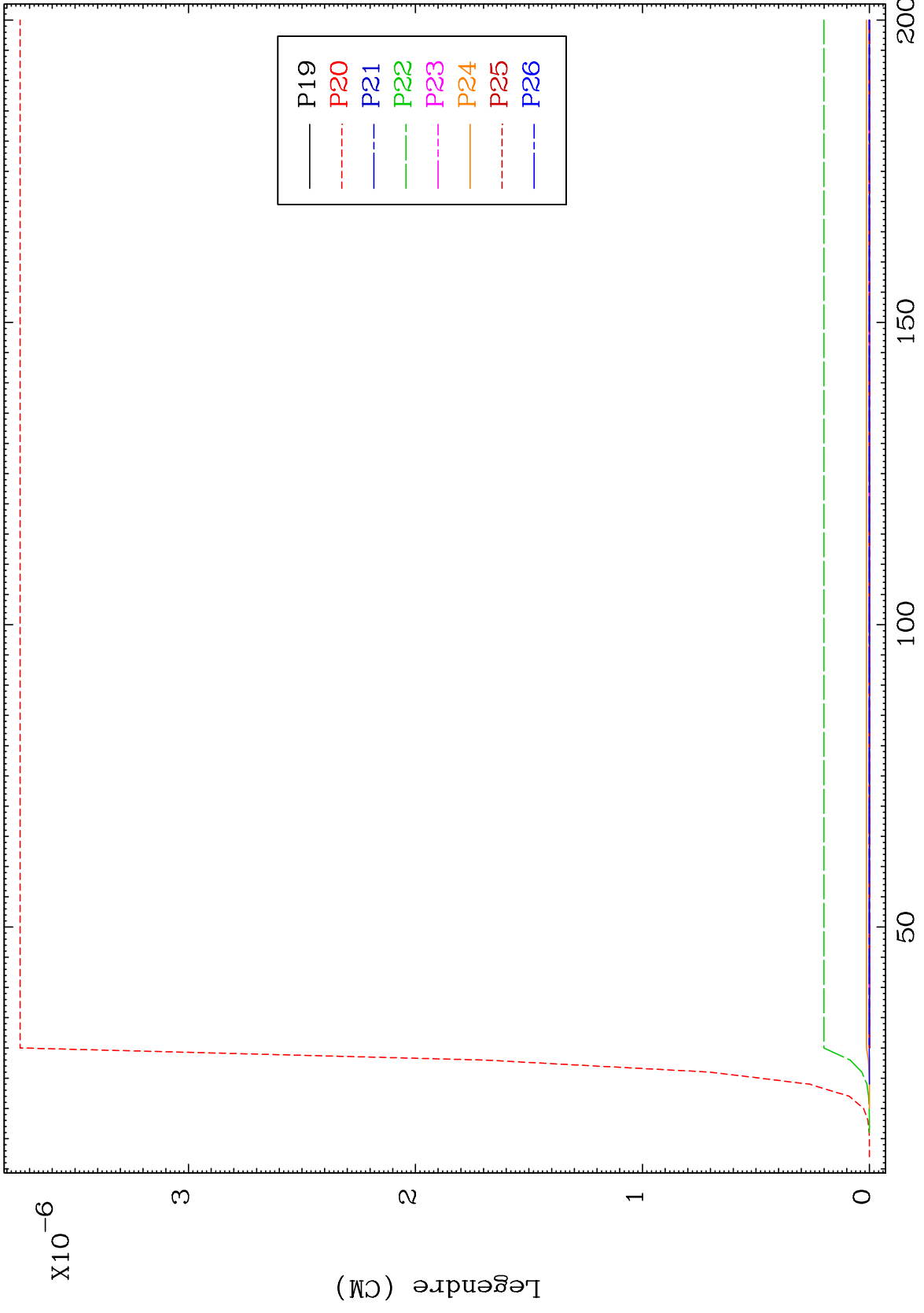


38

Incident Energy (MeV)

49-In-120

MAT 4946 MT= 56 (n,n') Level Legendre Coefficients 49-In-120

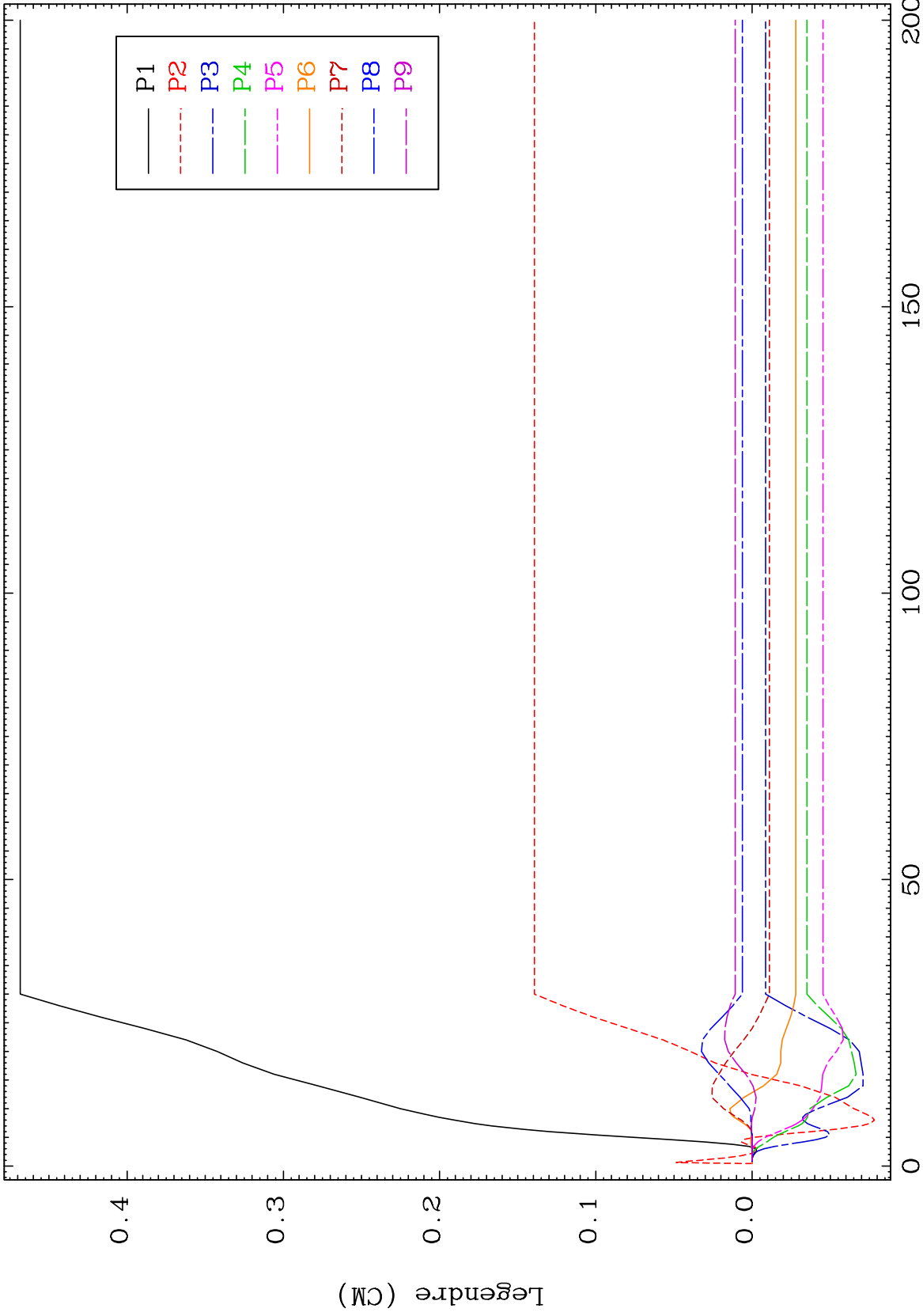


39 Incident Energy (MeV) 49-In-120

MAT 4946

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

49-In-120



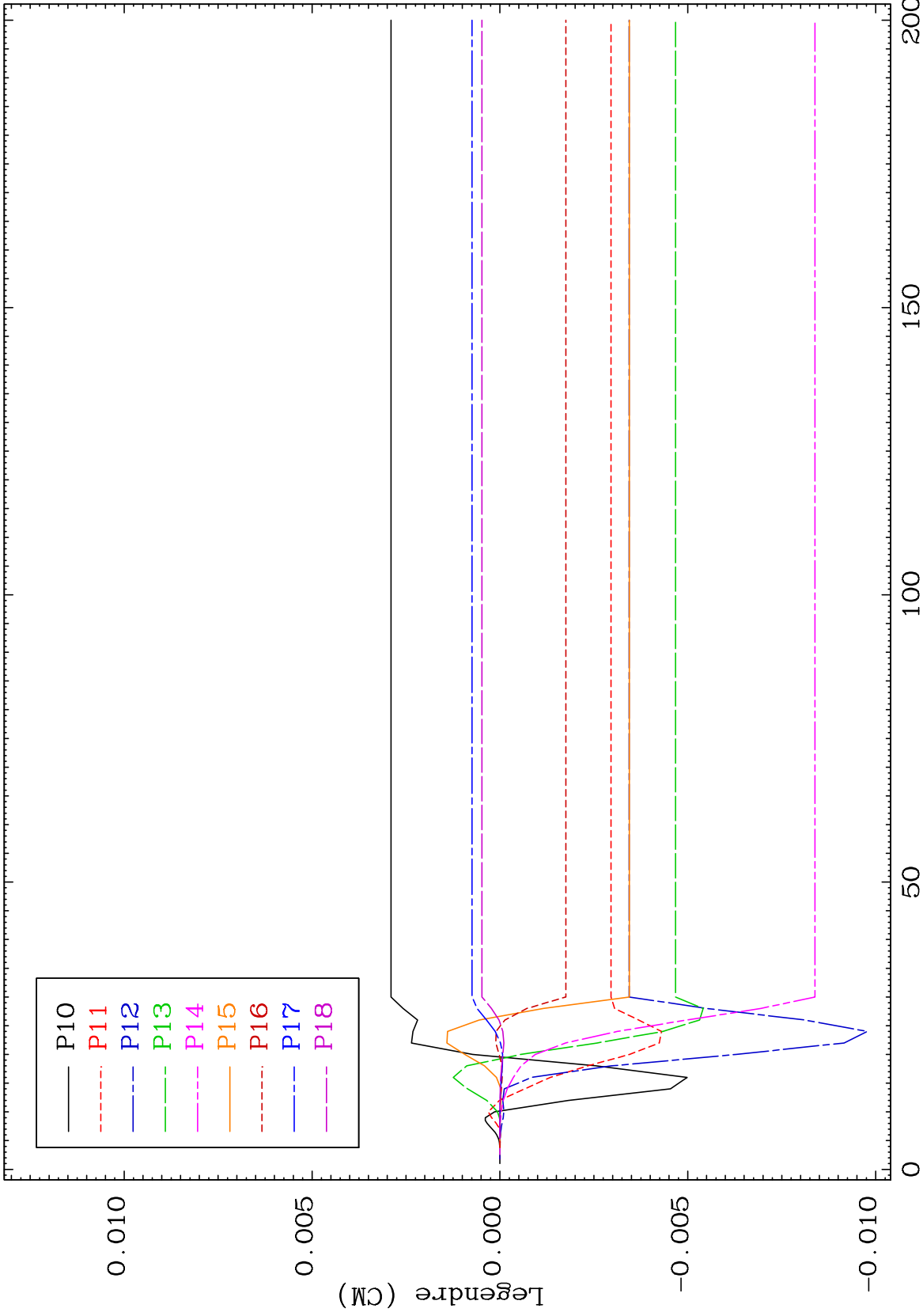
49-In-120

Incident Energy (MeV)

MAT 4946

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

49-In-120



41

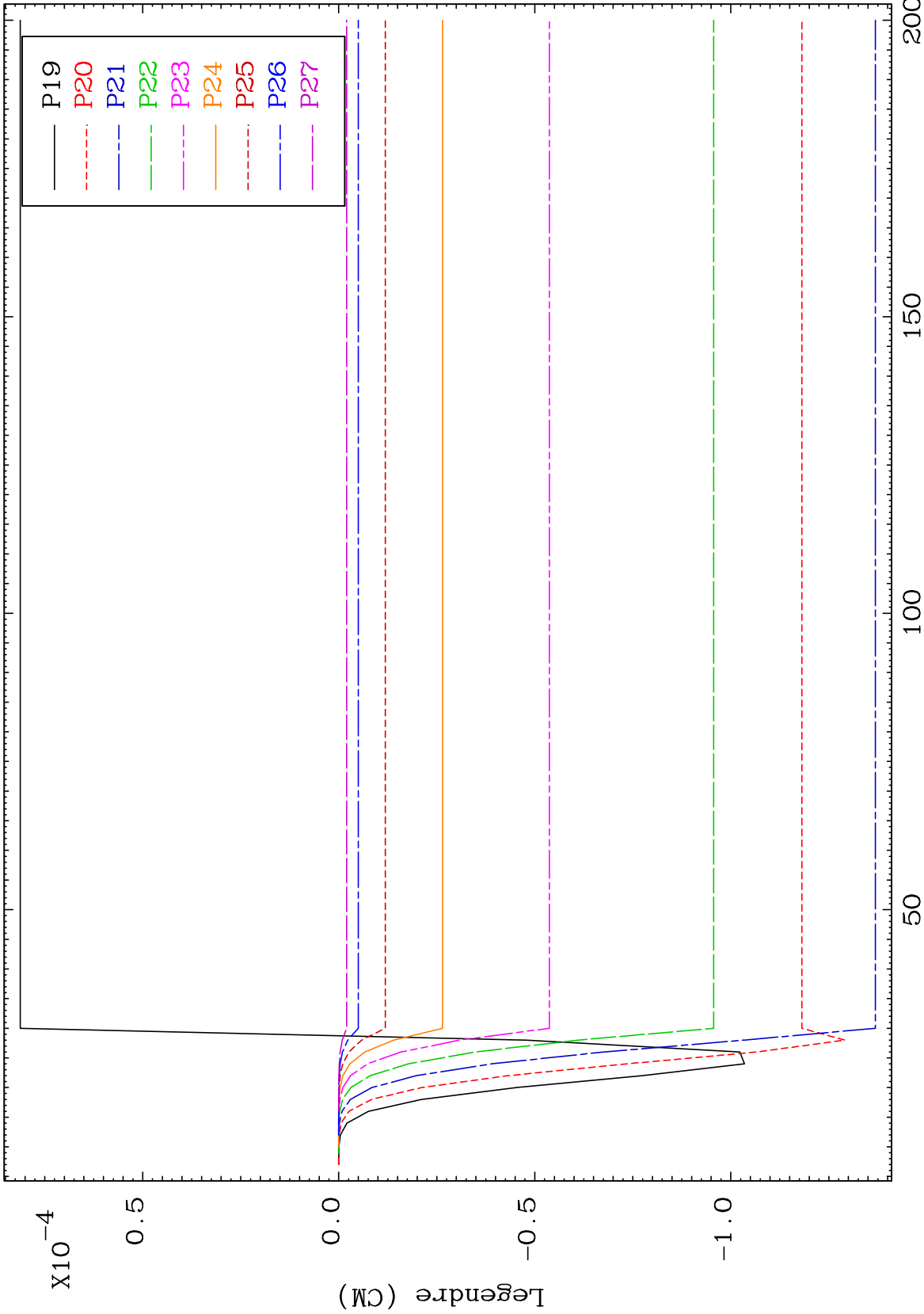
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120

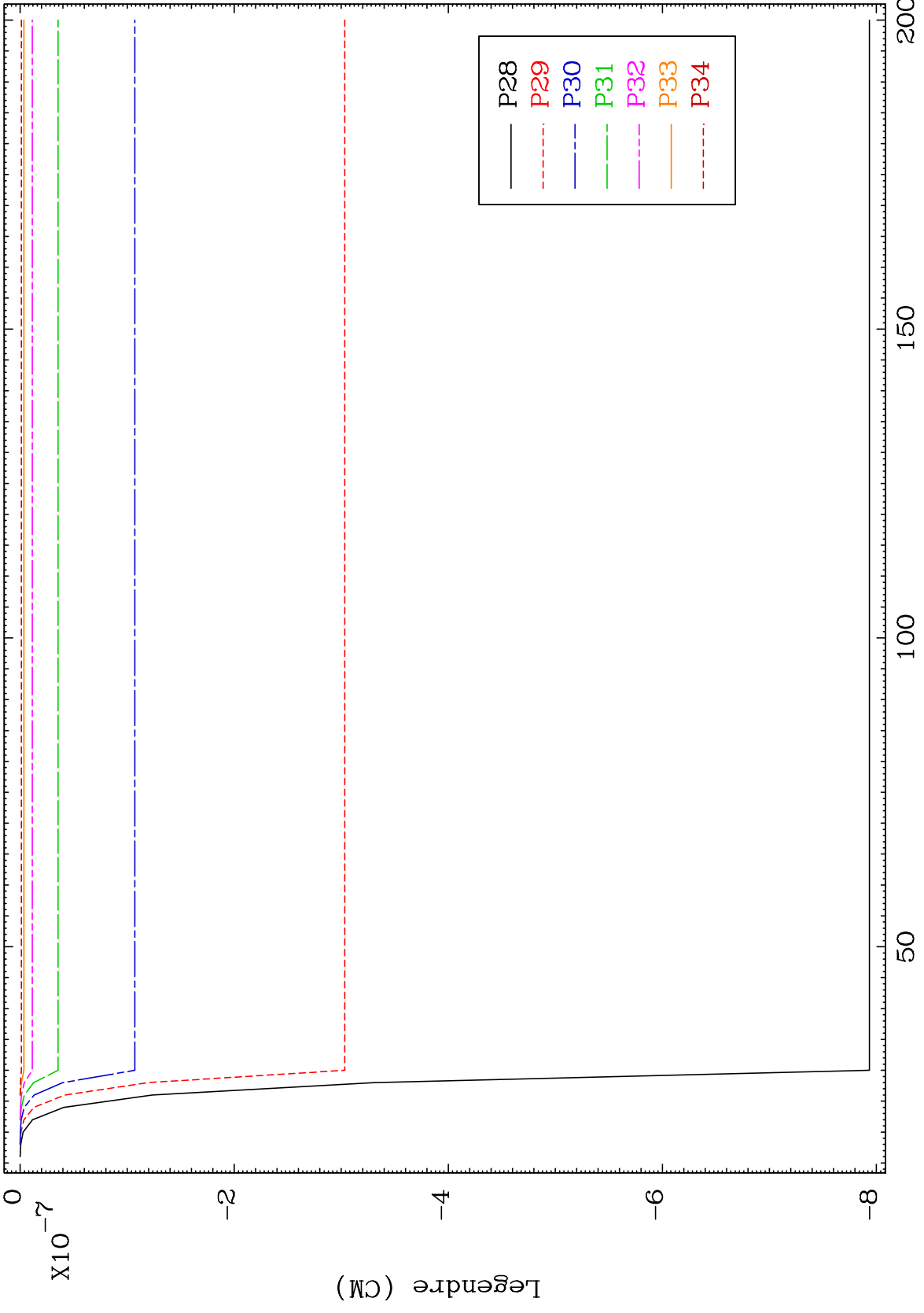


42

Incident Energy (MeV)

49-In-120

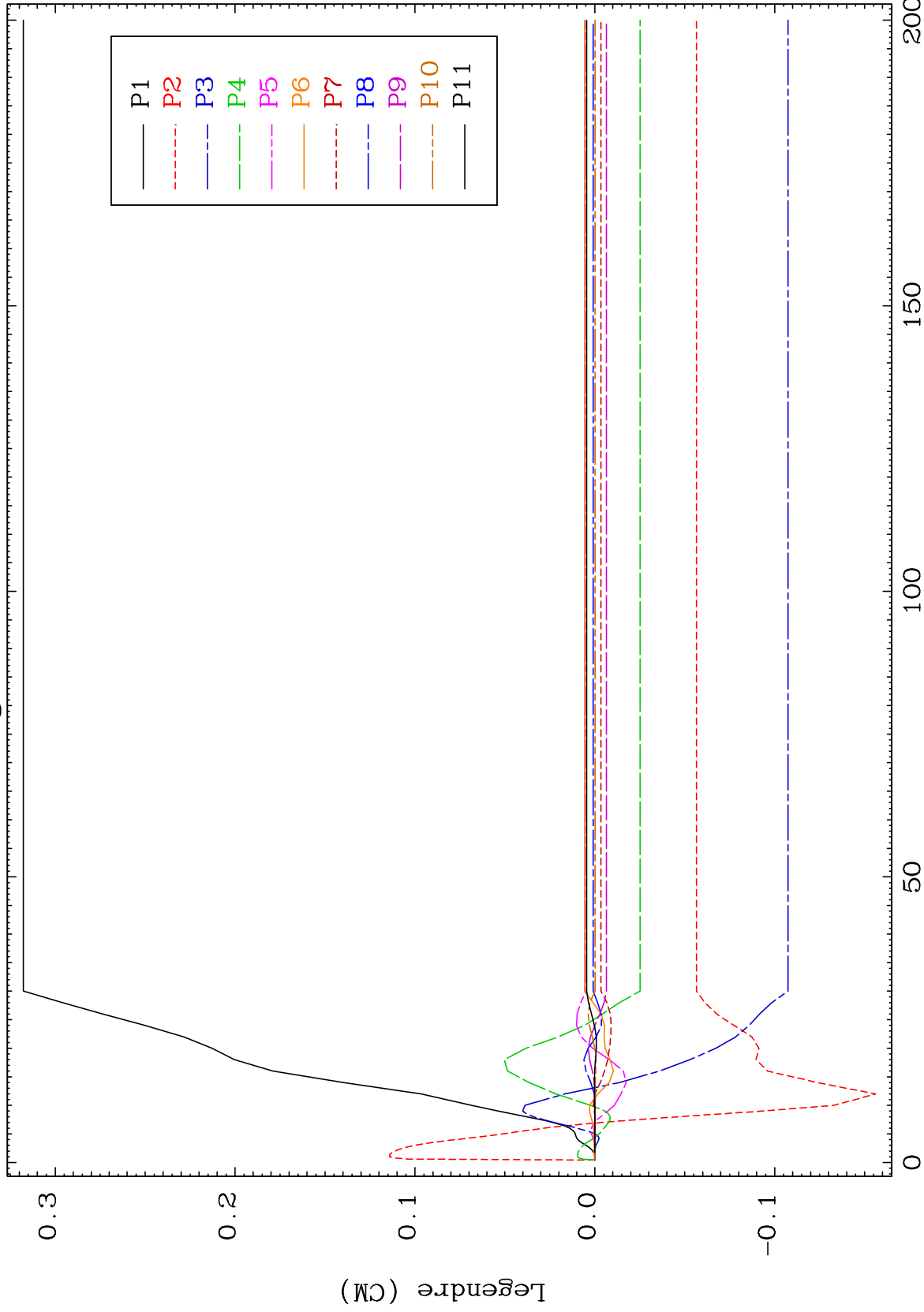
MAT 4946 MT= 57 (n,n') Level Legendre Coefficients 49-In-120



MAT 4946

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

49-In-120



44

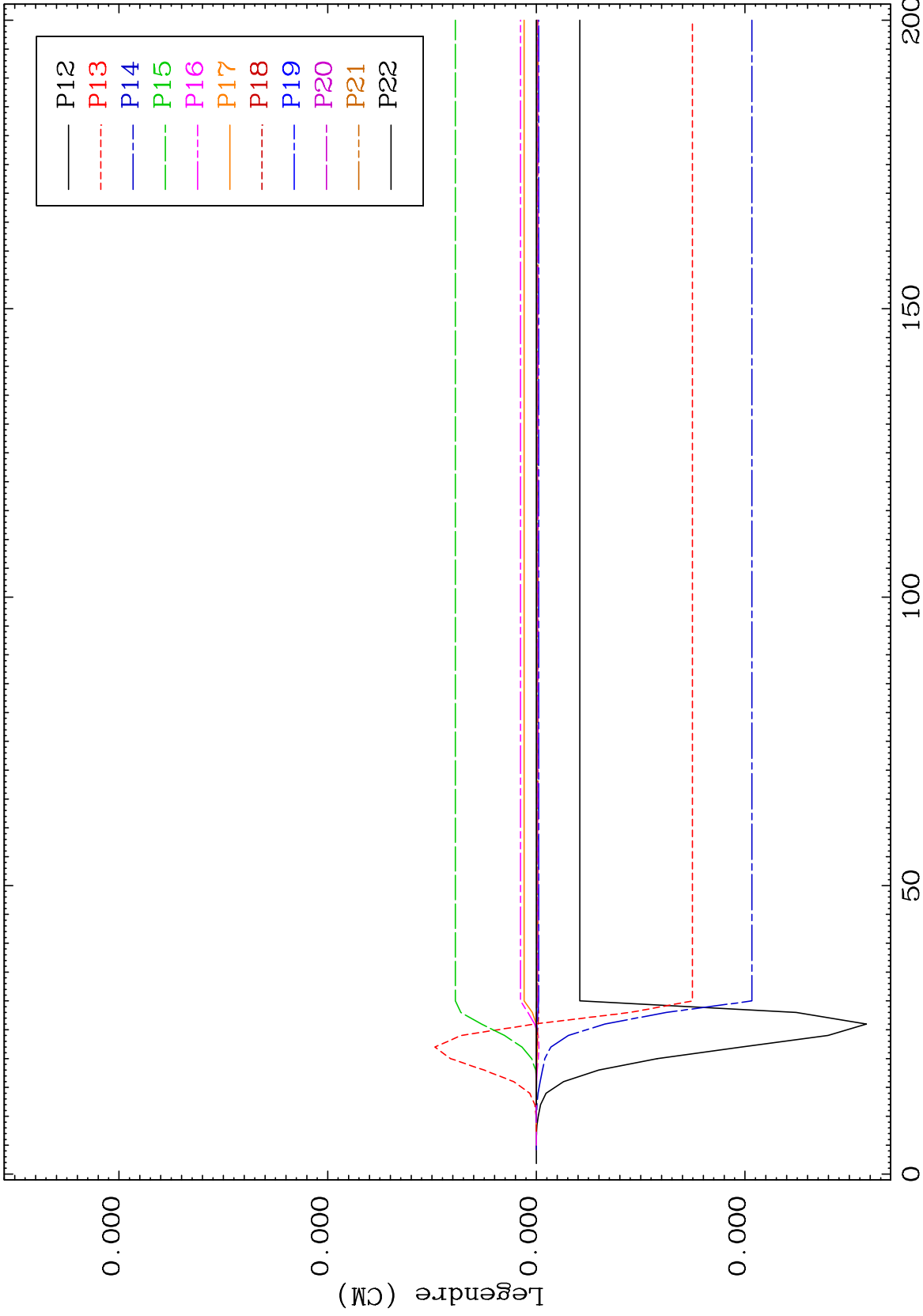
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



45

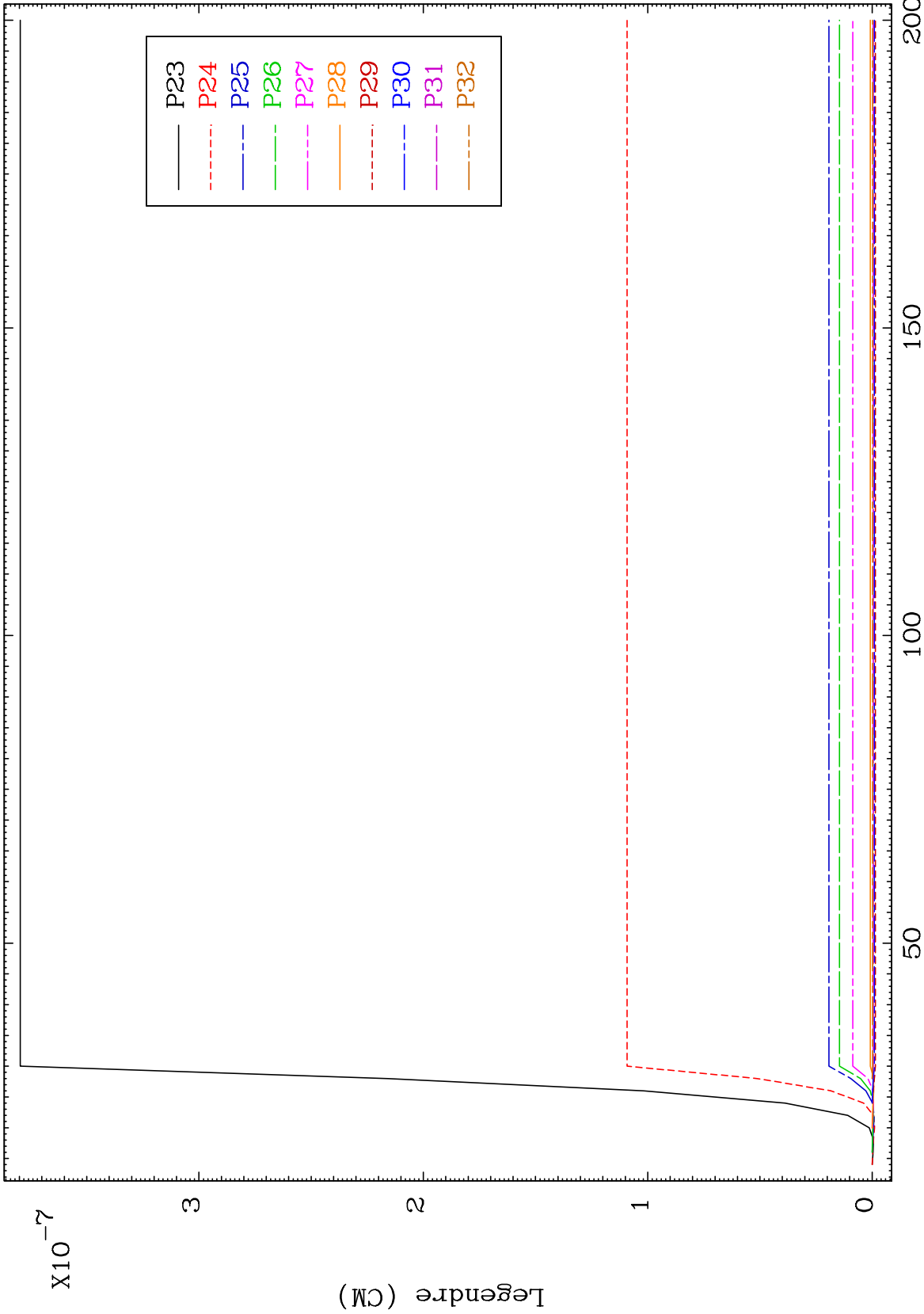
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



46

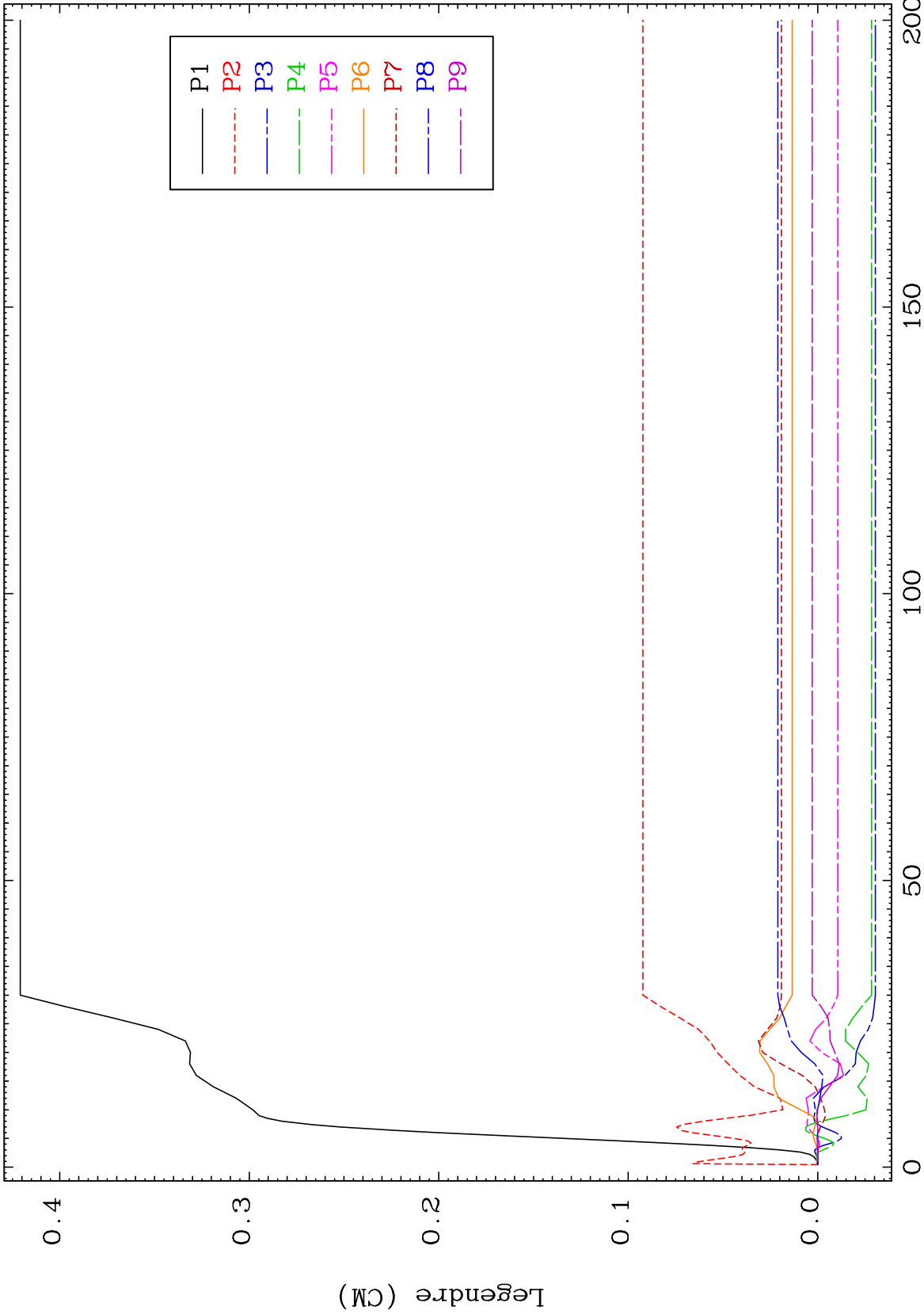
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



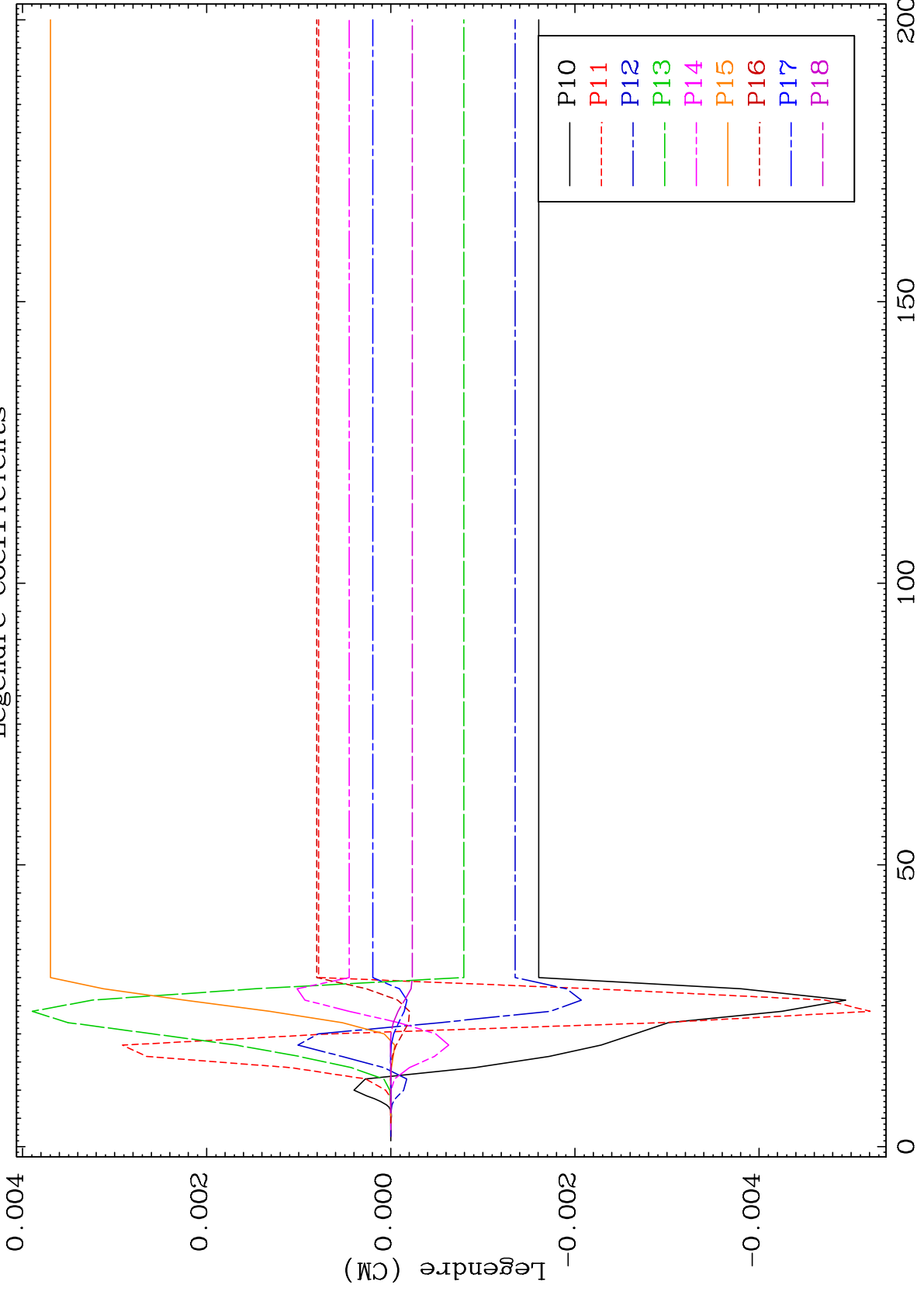
47

Incident Energy (MeV)

49-In-120

MAT 4946 MT= 59 (n,n') Level Legendre Coefficients

49-In-120

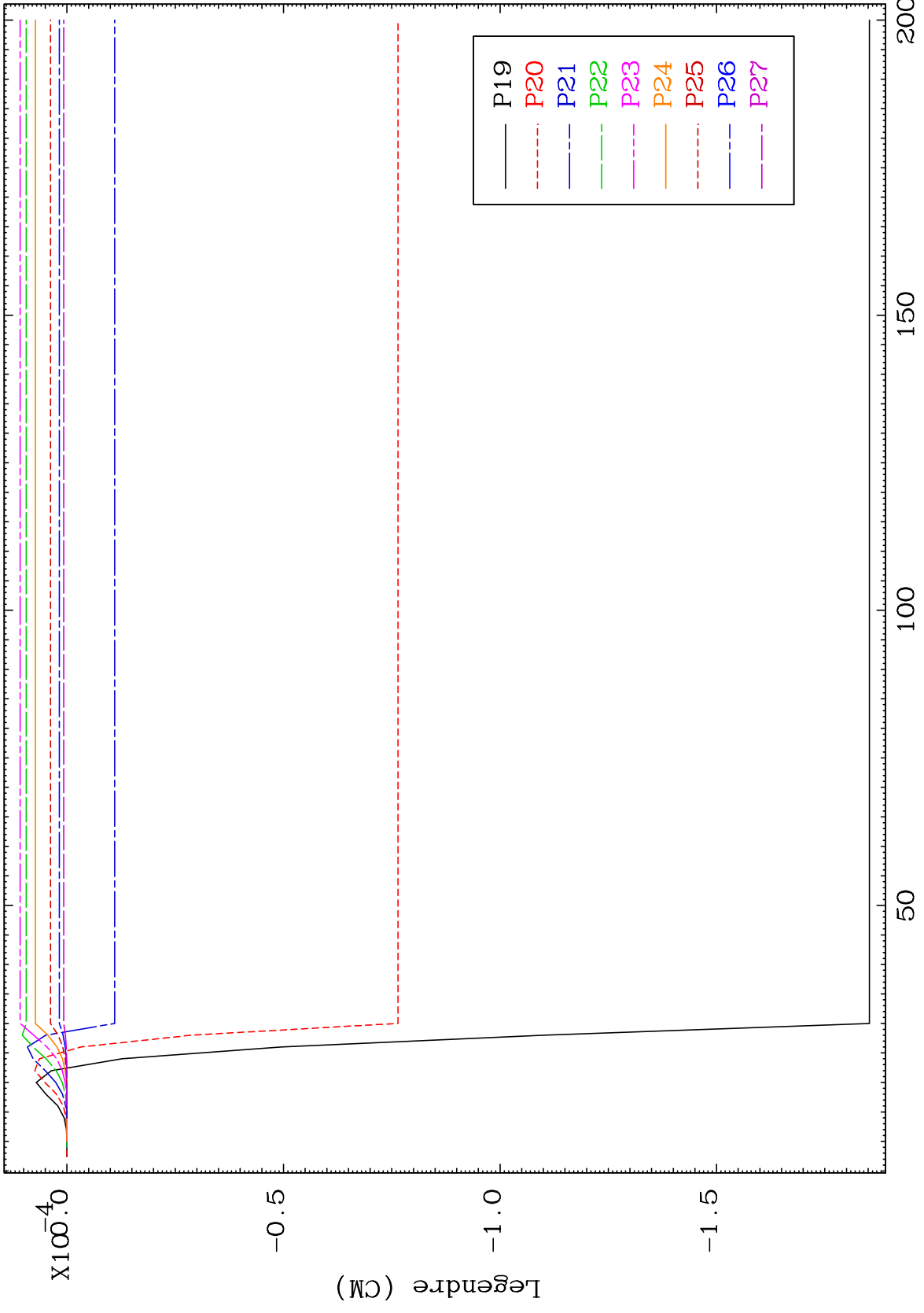


48

Incident Energy (MeV)

49-In-120

MAT 4946 MT= 59 (n,n') Level Legendre Coefficients 49-In-120

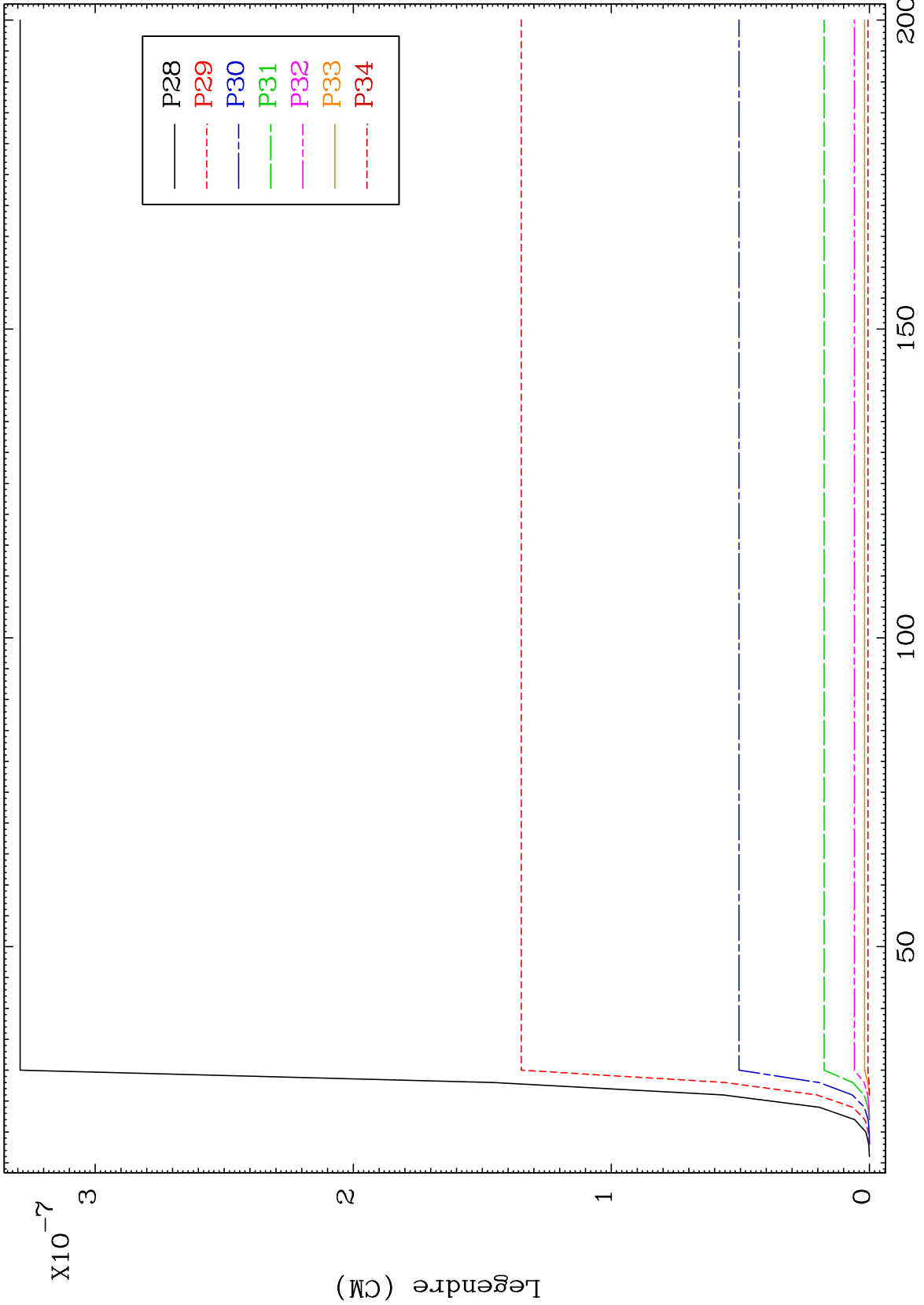


49-In-120

MAT 4946

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

49-In-120

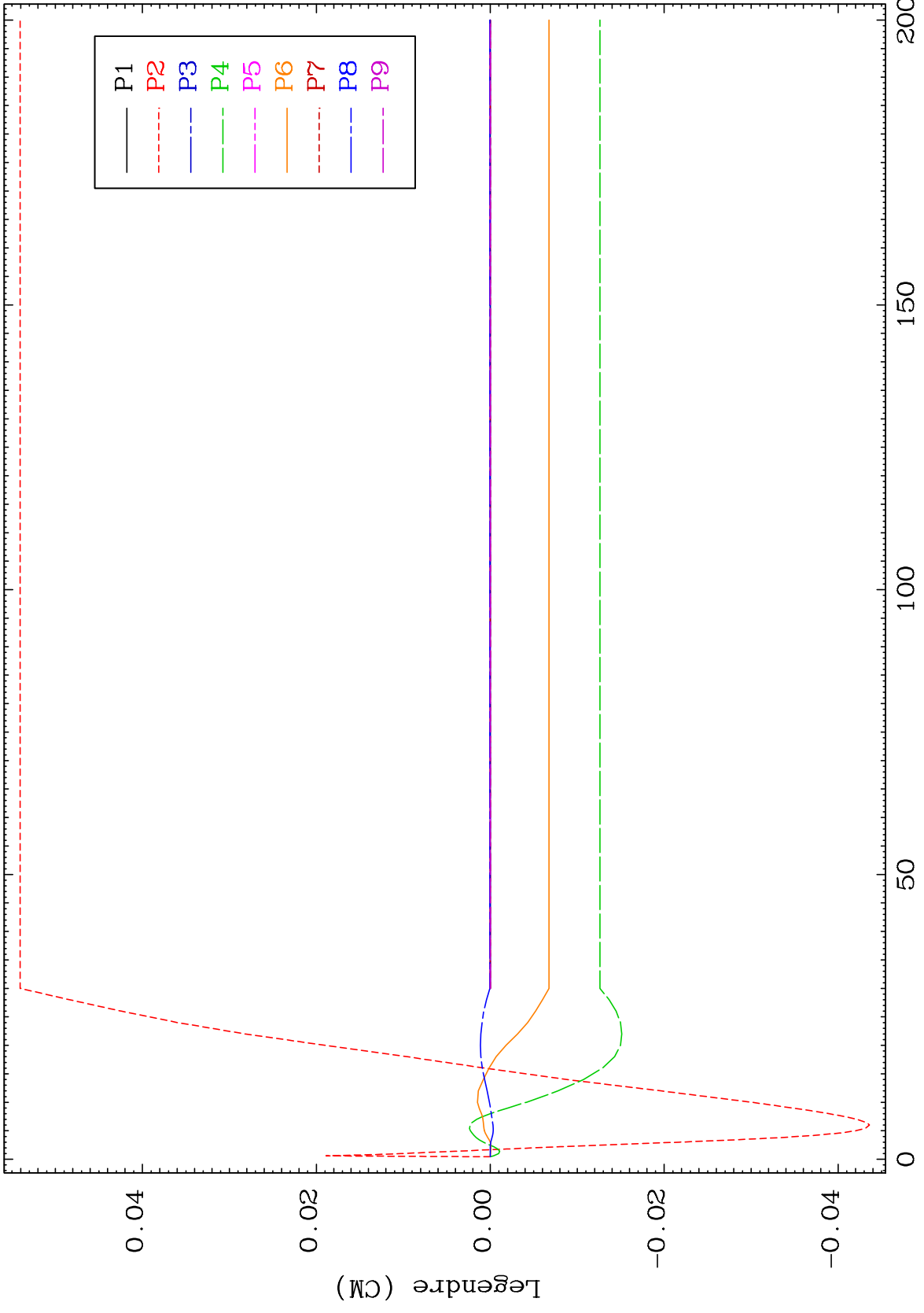


50

Incident Energy (MeV)

49-In-120

MAT 4946 MT= 60 (n,n') Level Legendre Coefficients 49-In-120

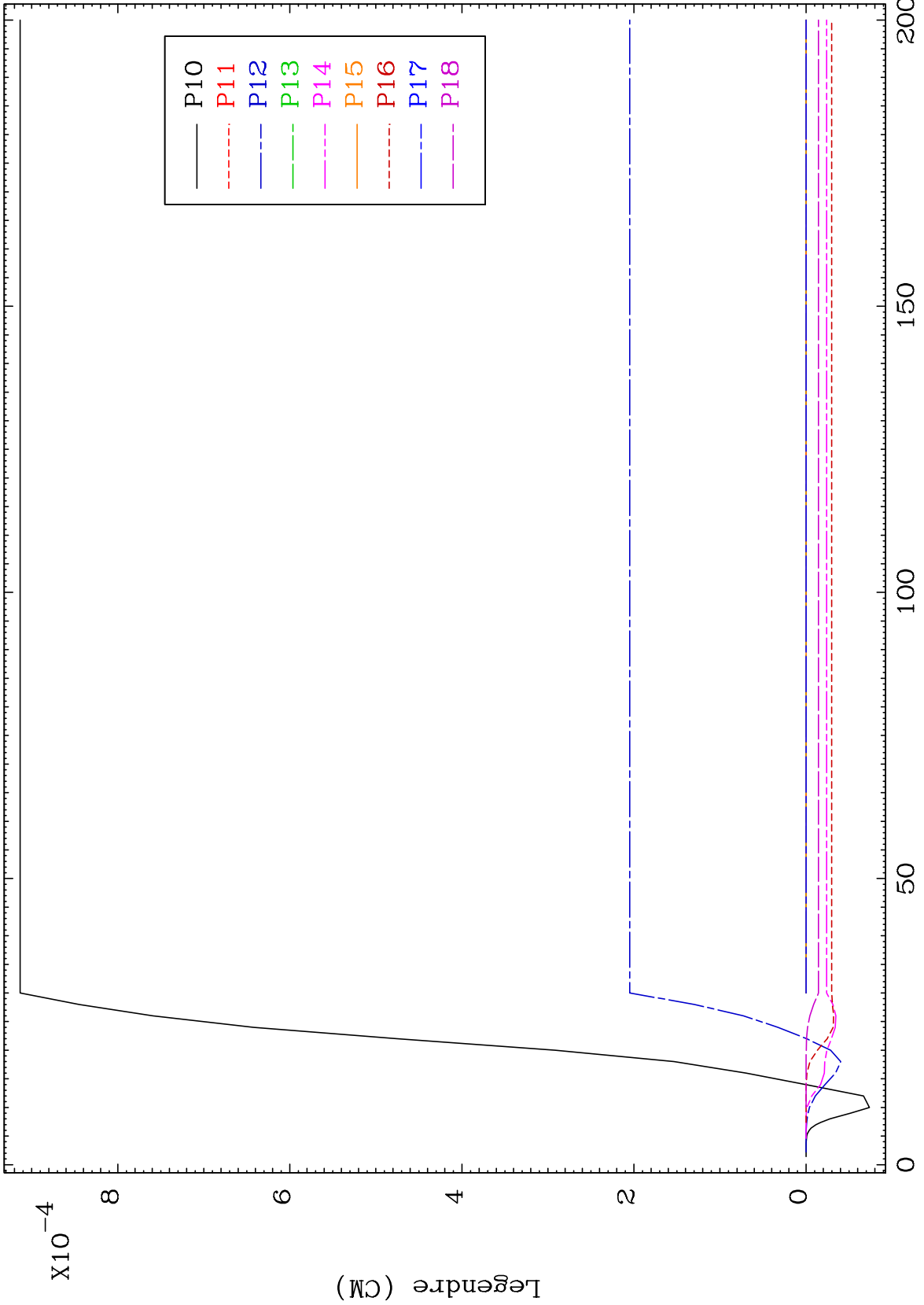


51 49-In-120

MAT 4946

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

49-In-120

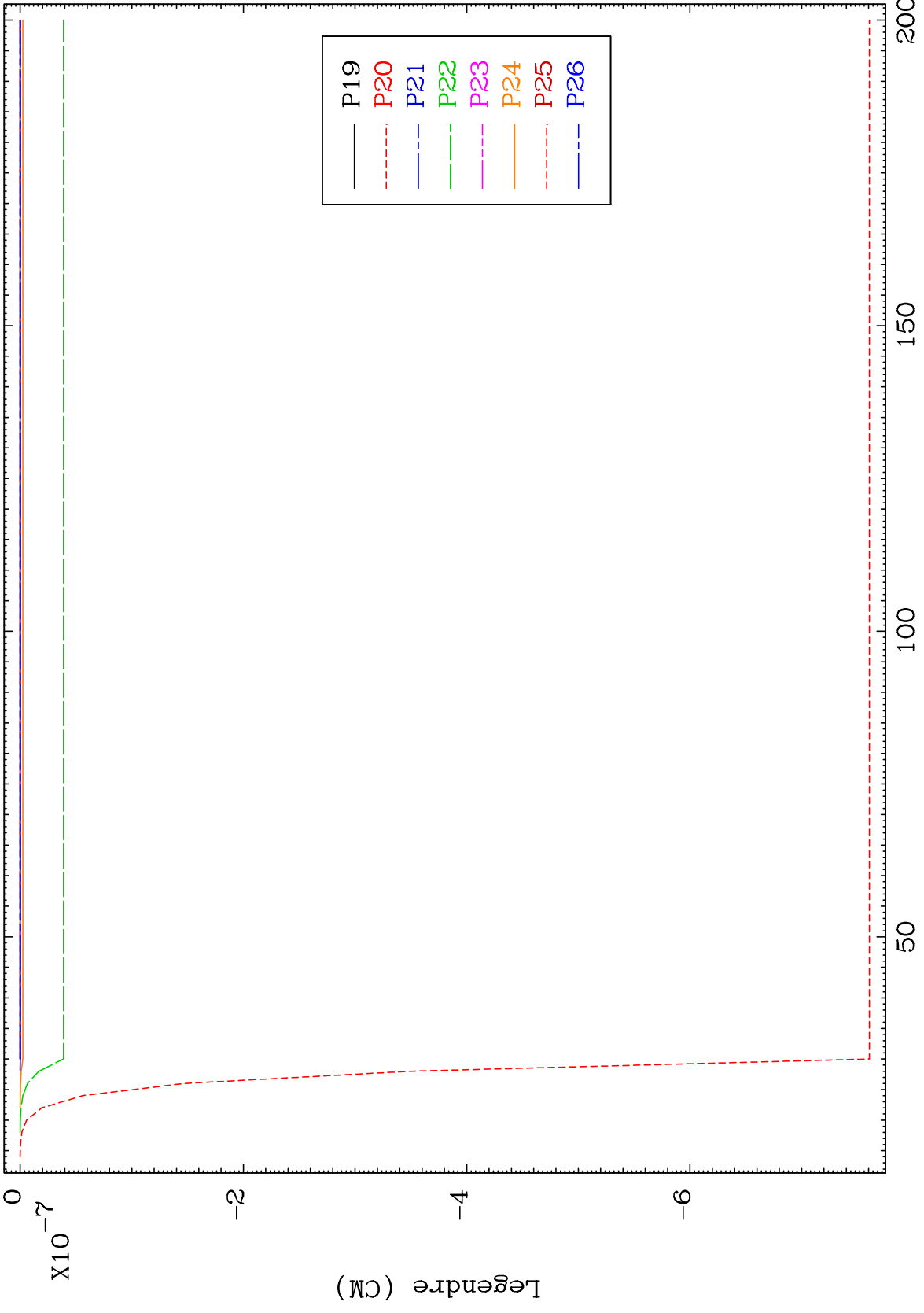


52

Incident Energy (MeV)

49-In-120

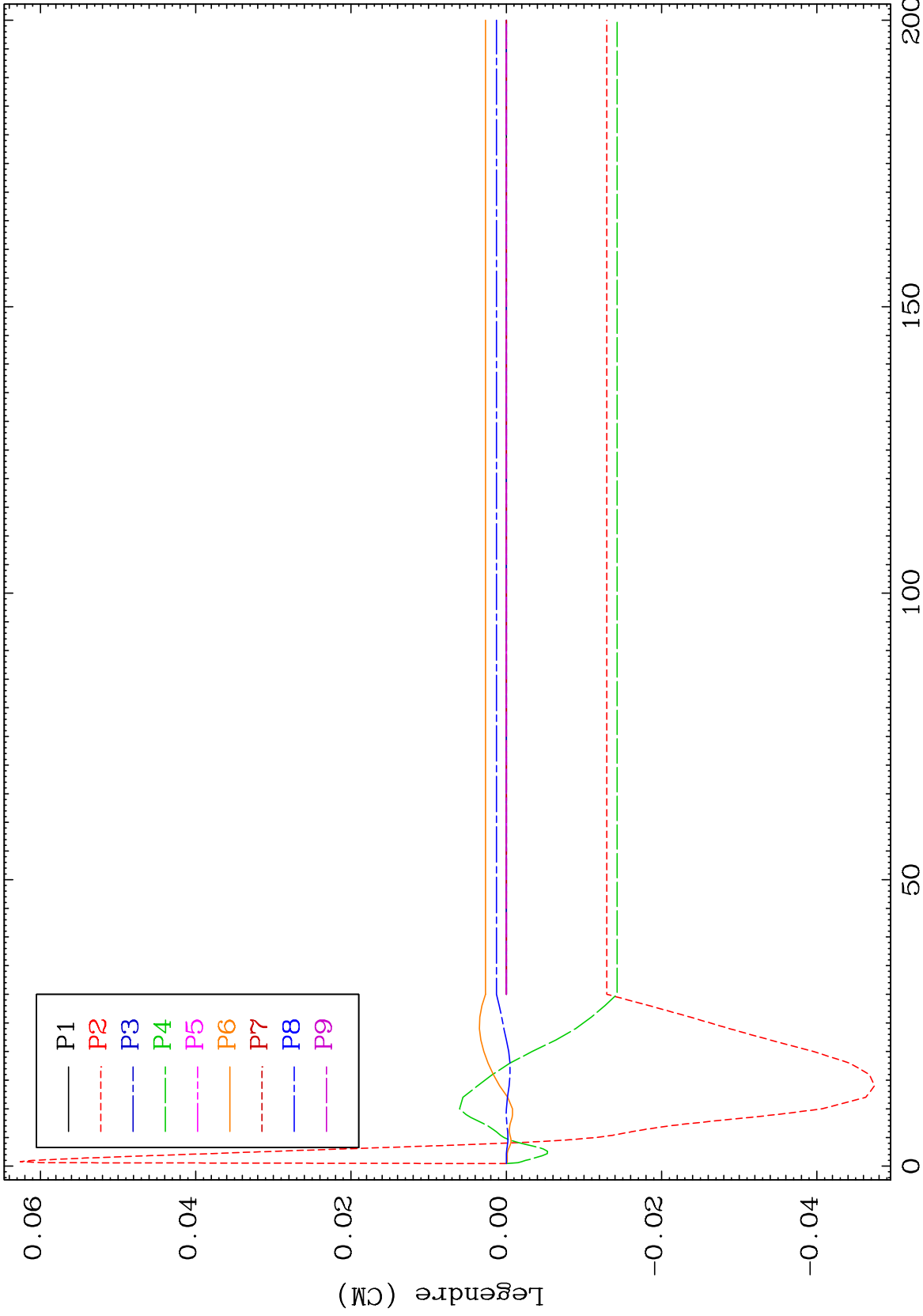
MAT 4946 MT= 60 (n,n') Level Legendre Coefficients 49-In-120



MAT 4946

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

49-In-120



54

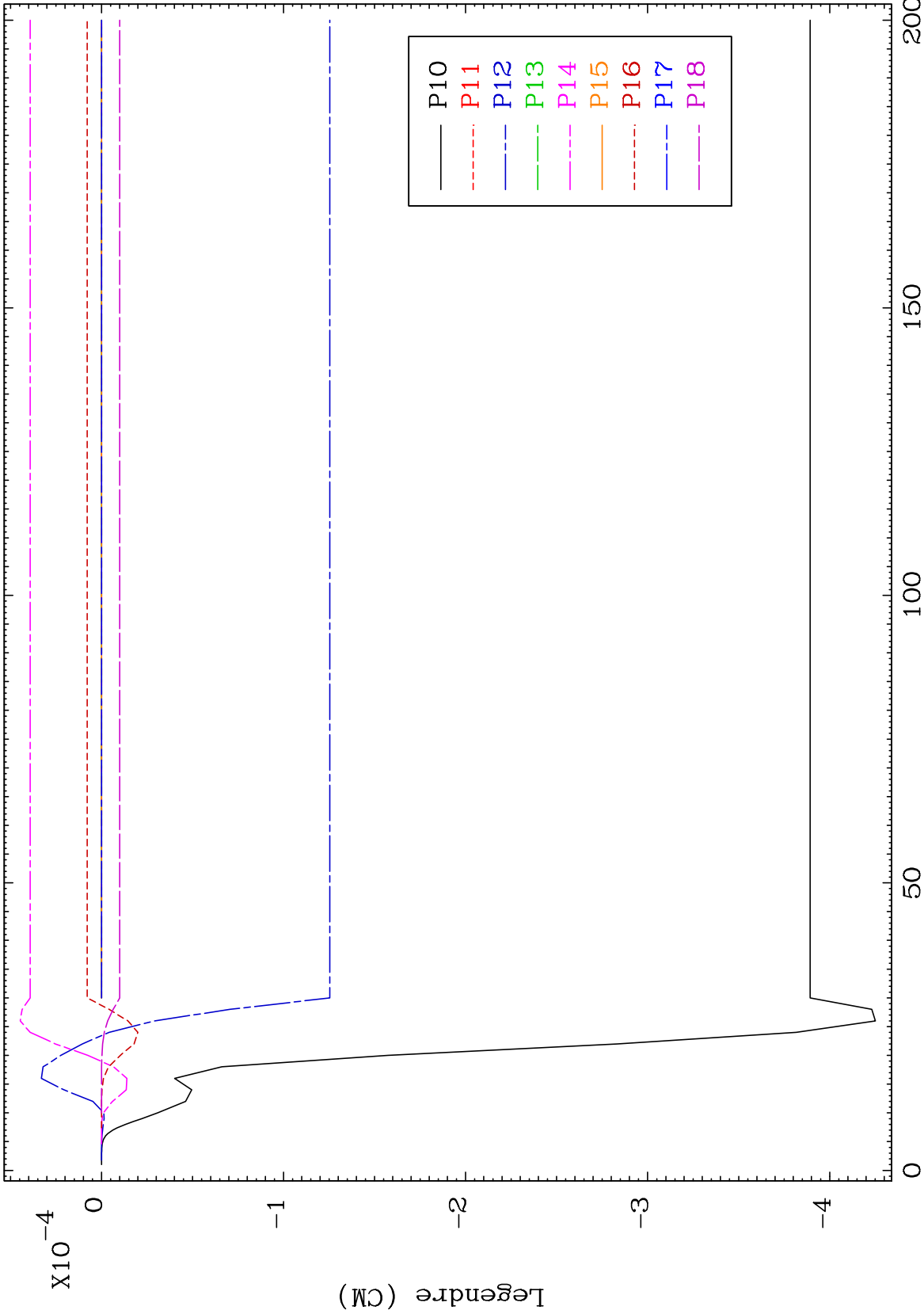
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120

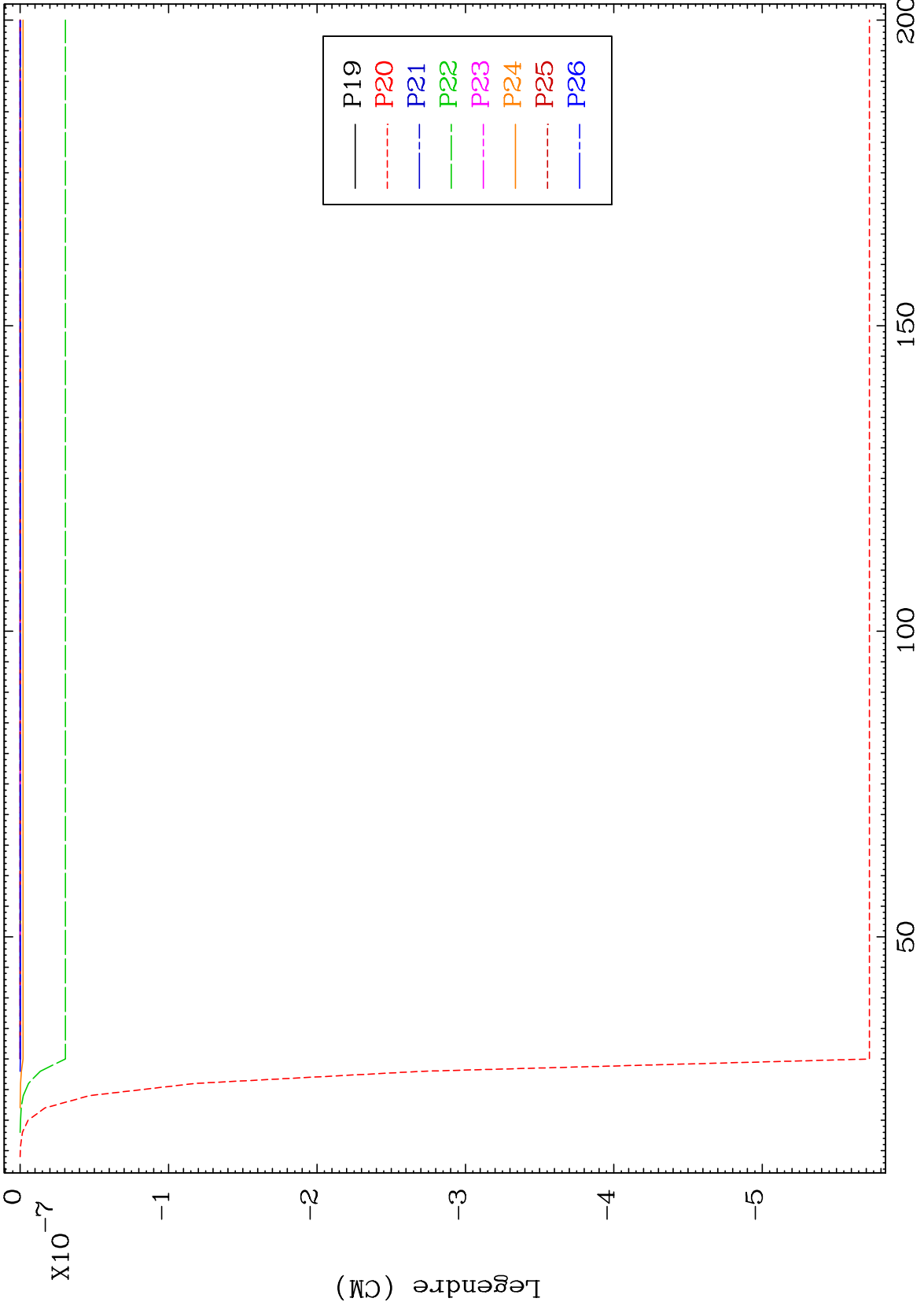


55

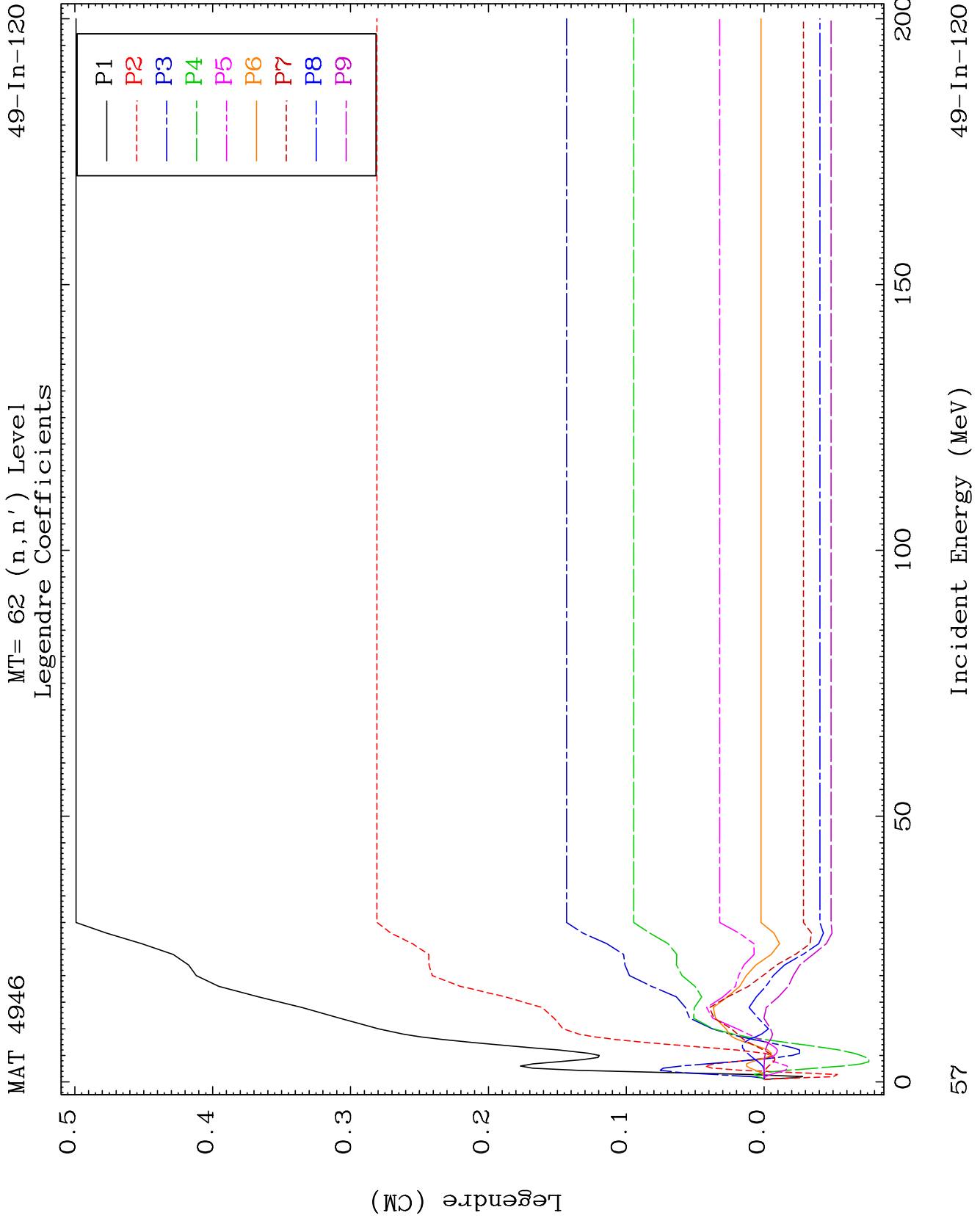
Incident Energy (MeV)

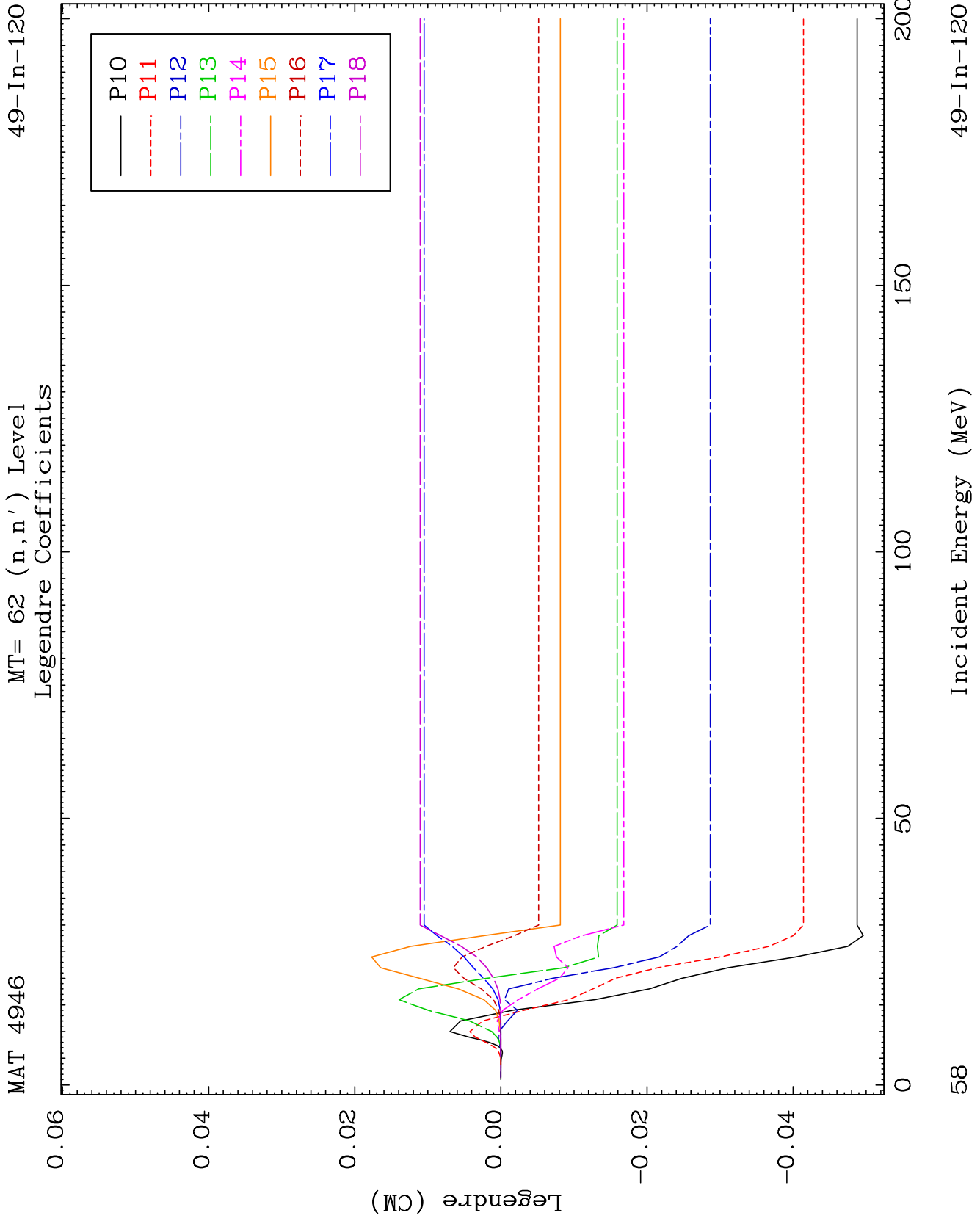
49-In-120

MAT 4946 MT= 61 (n,n') Level Legendre Coefficients 49-In-120



56 Incident Energy (MeV) 49-In-120

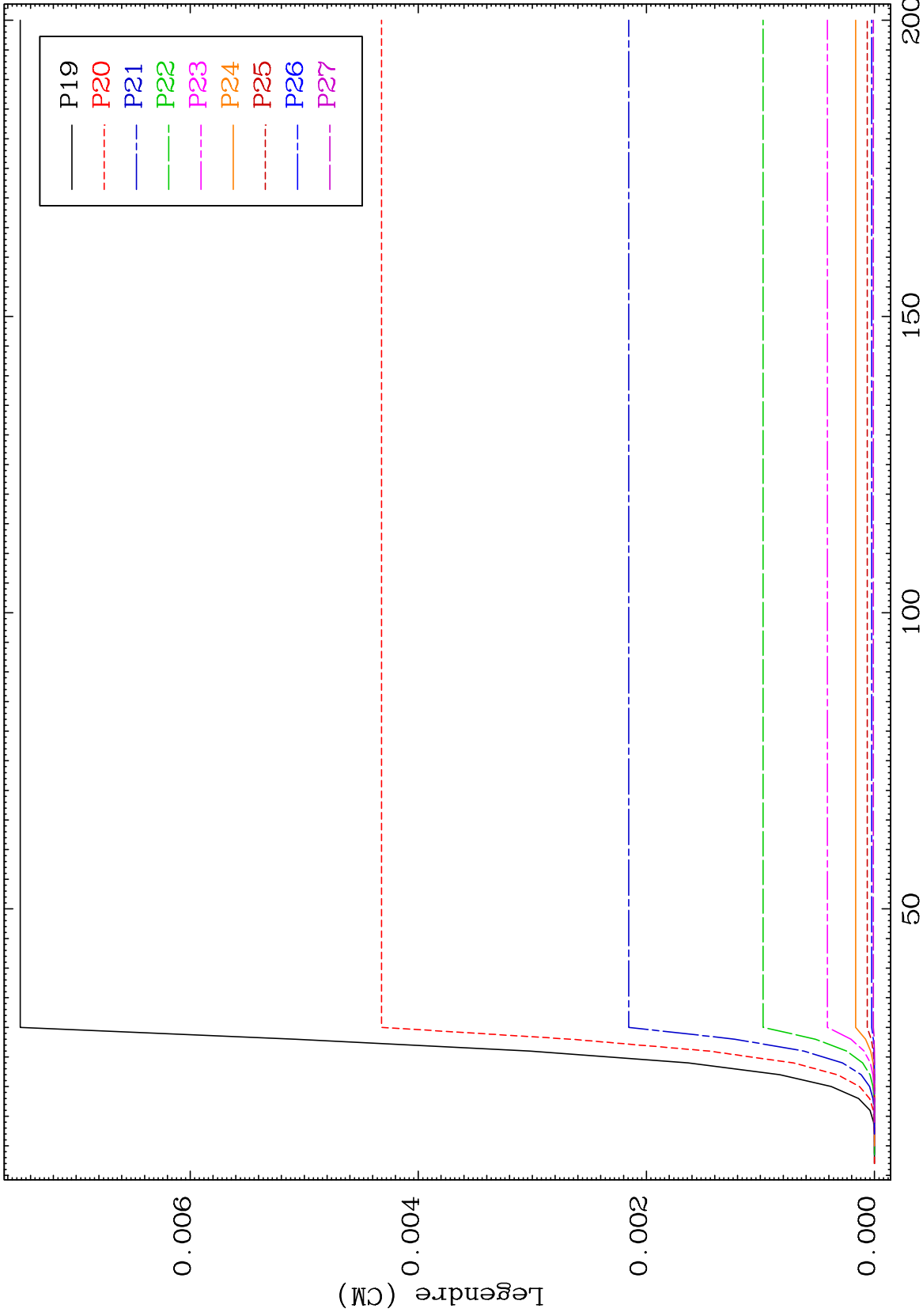




MAT 4946

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

49-In-120



59

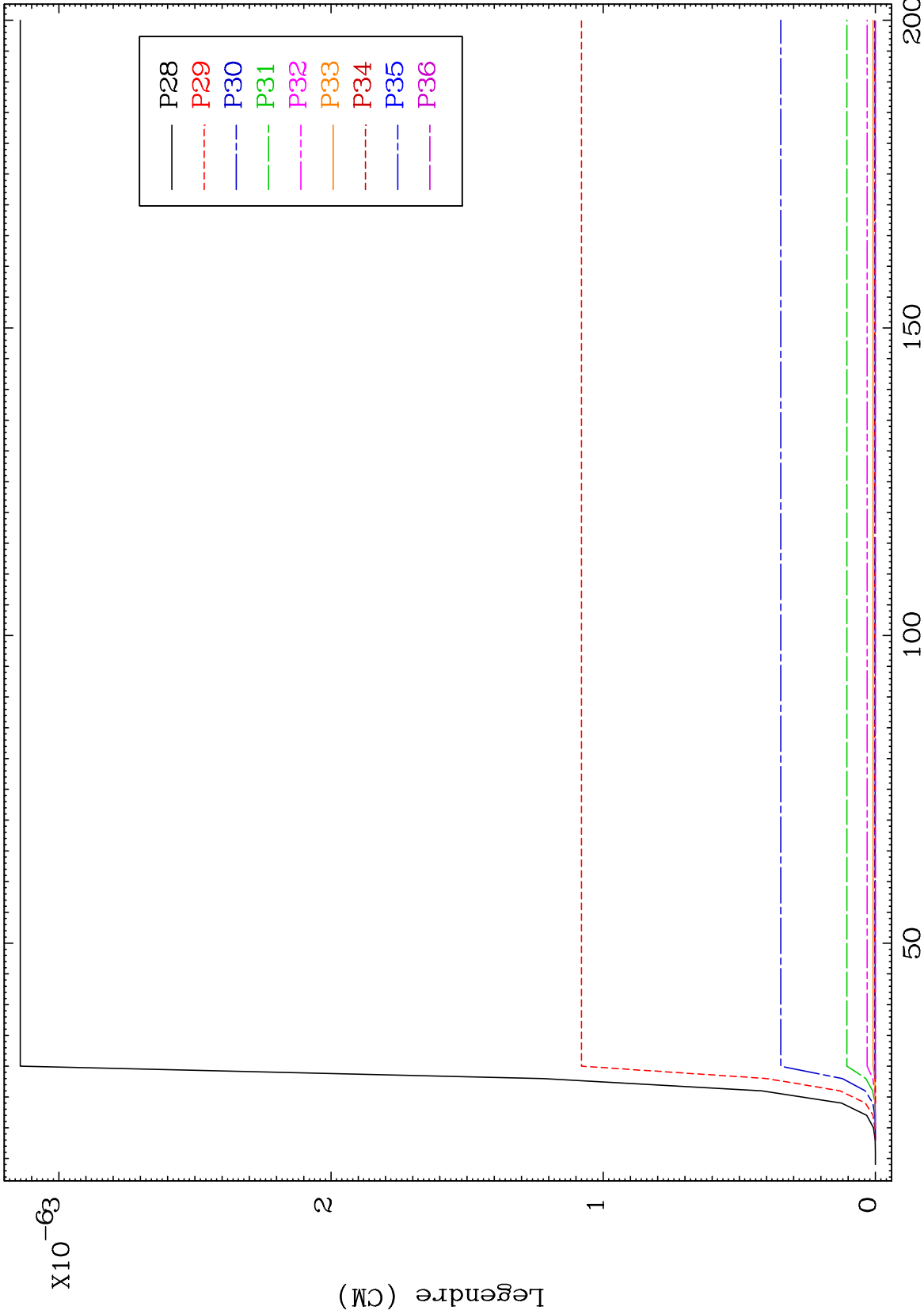
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



60

50

100

150

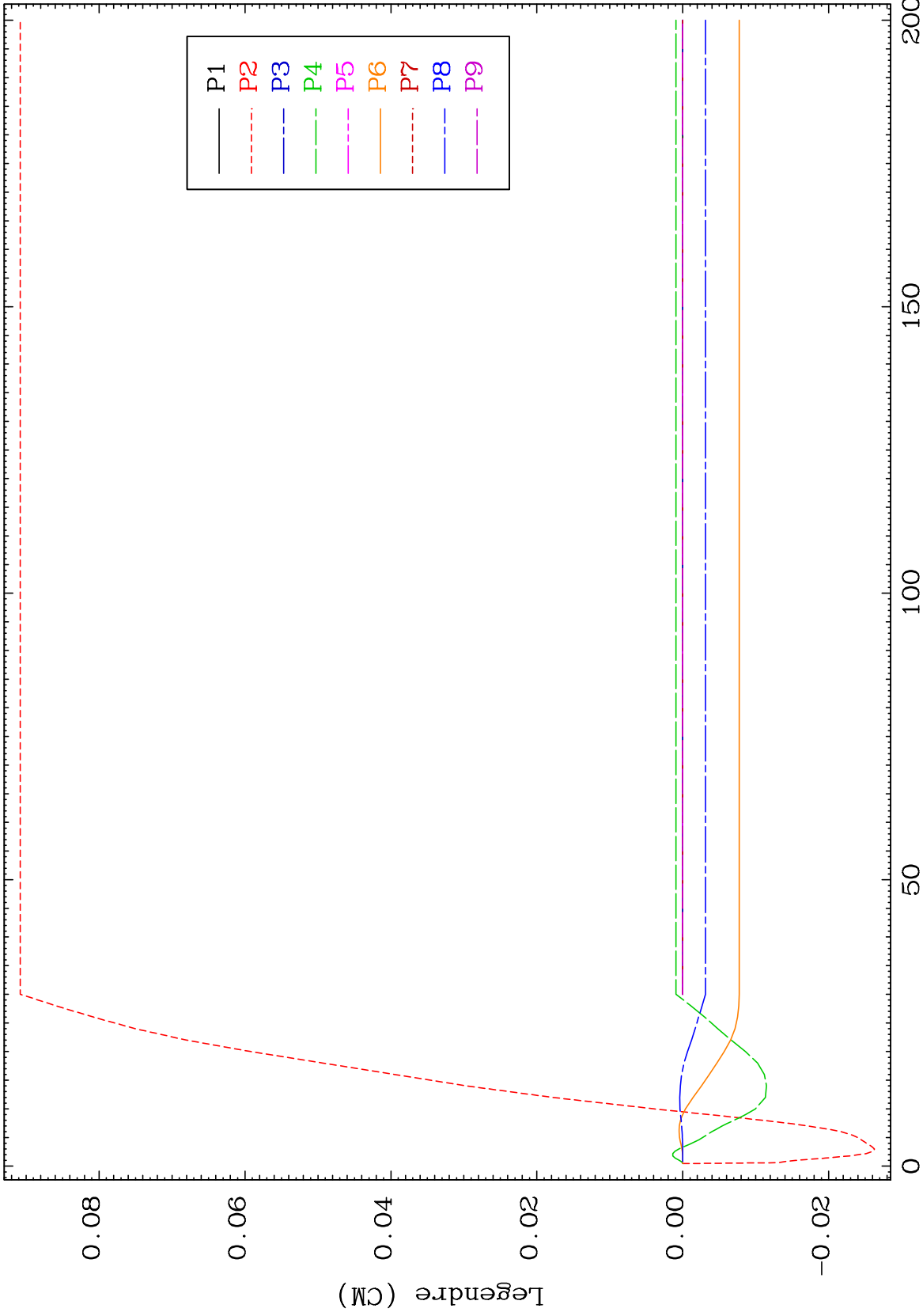
200

49-In-120

MAT 4946

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

49-In-120



61

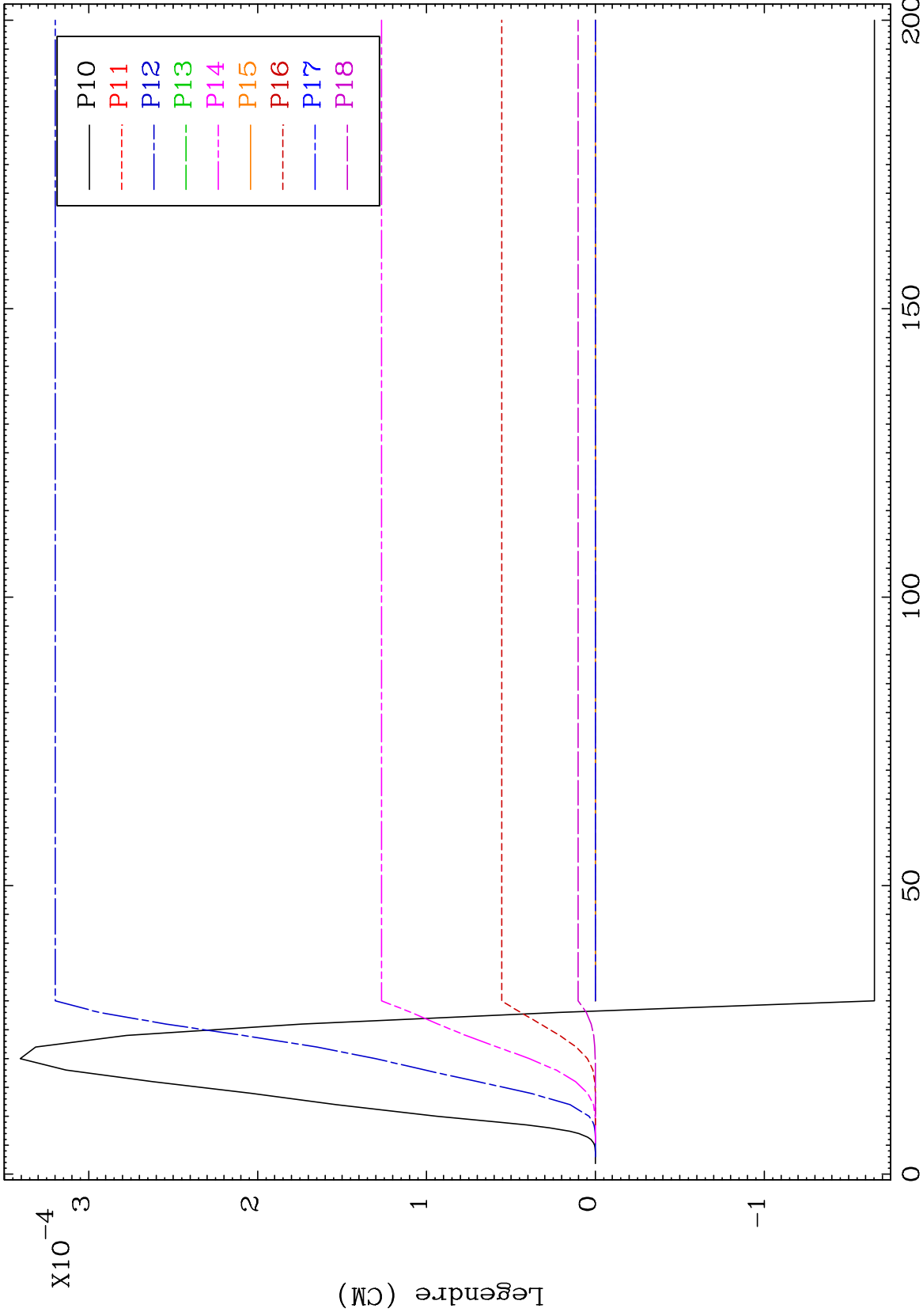
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



62

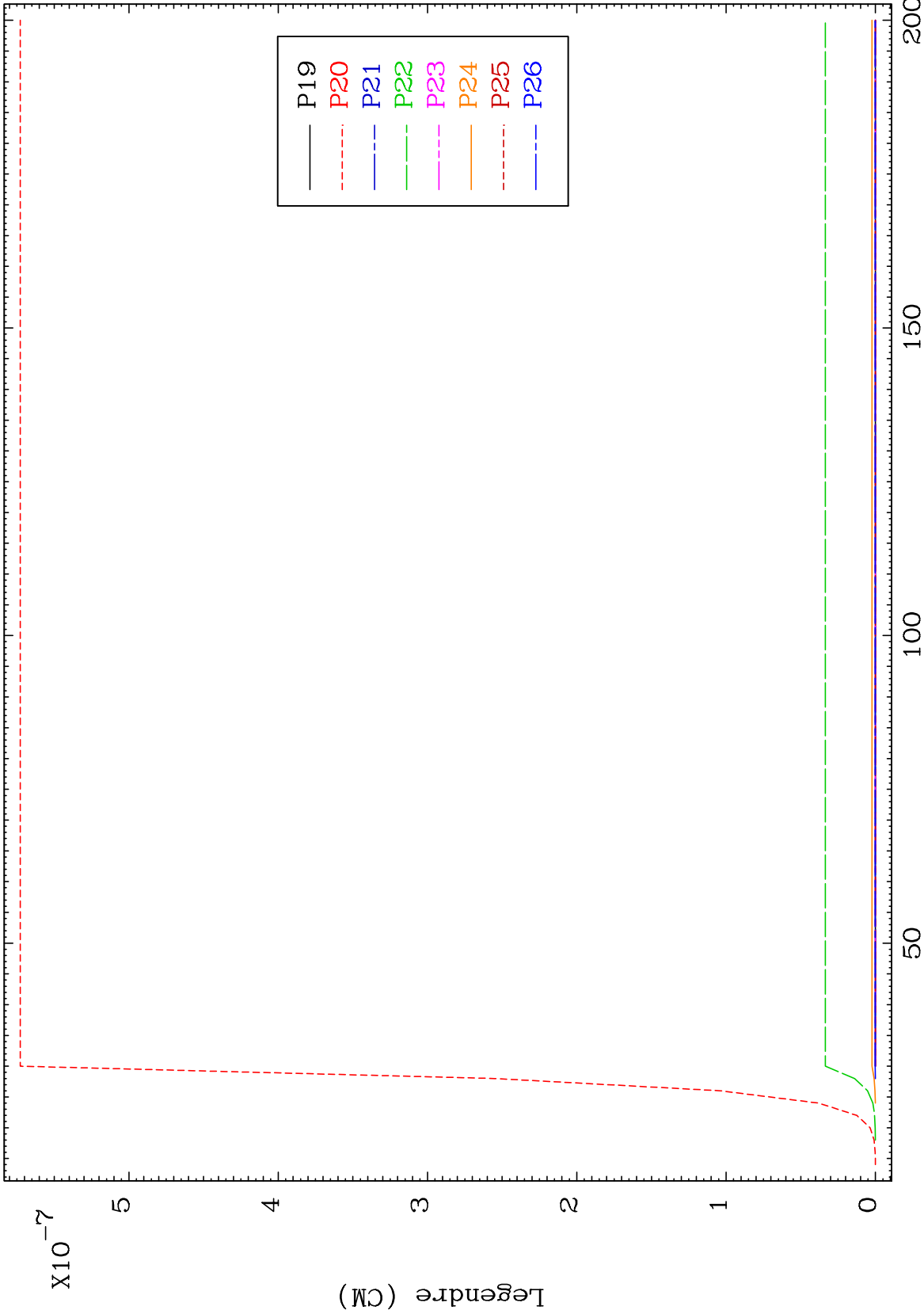
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



63

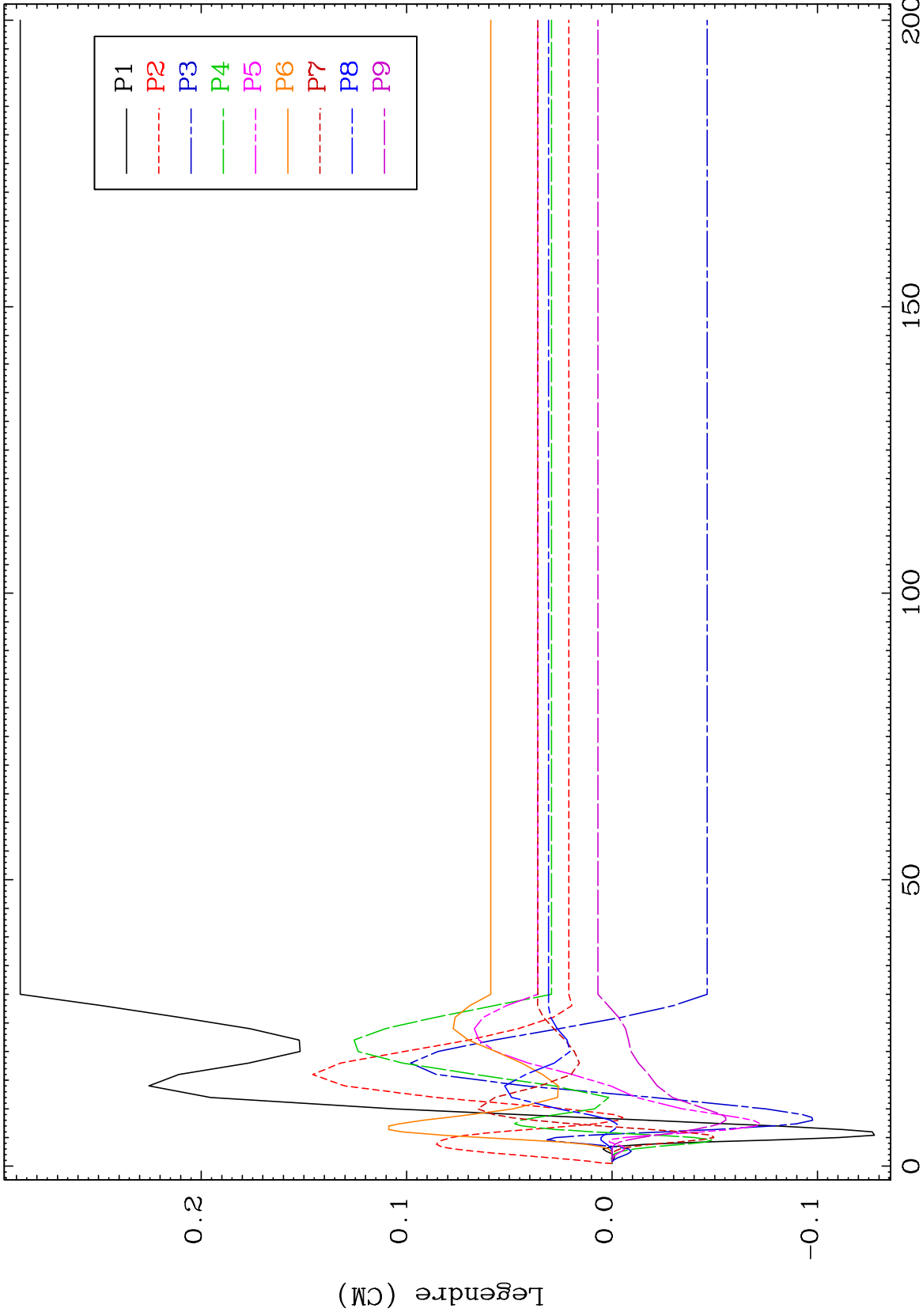
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



64

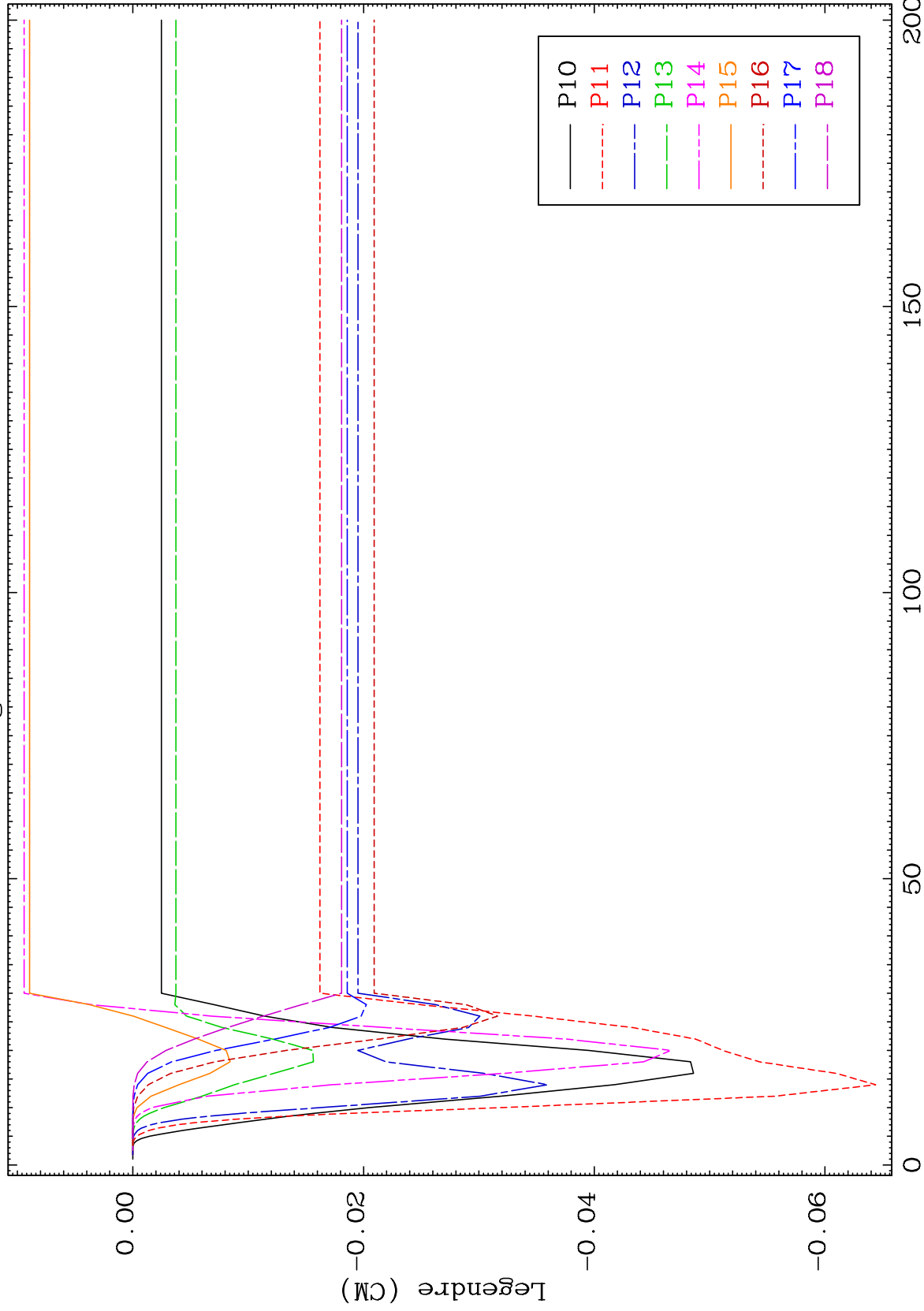
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120

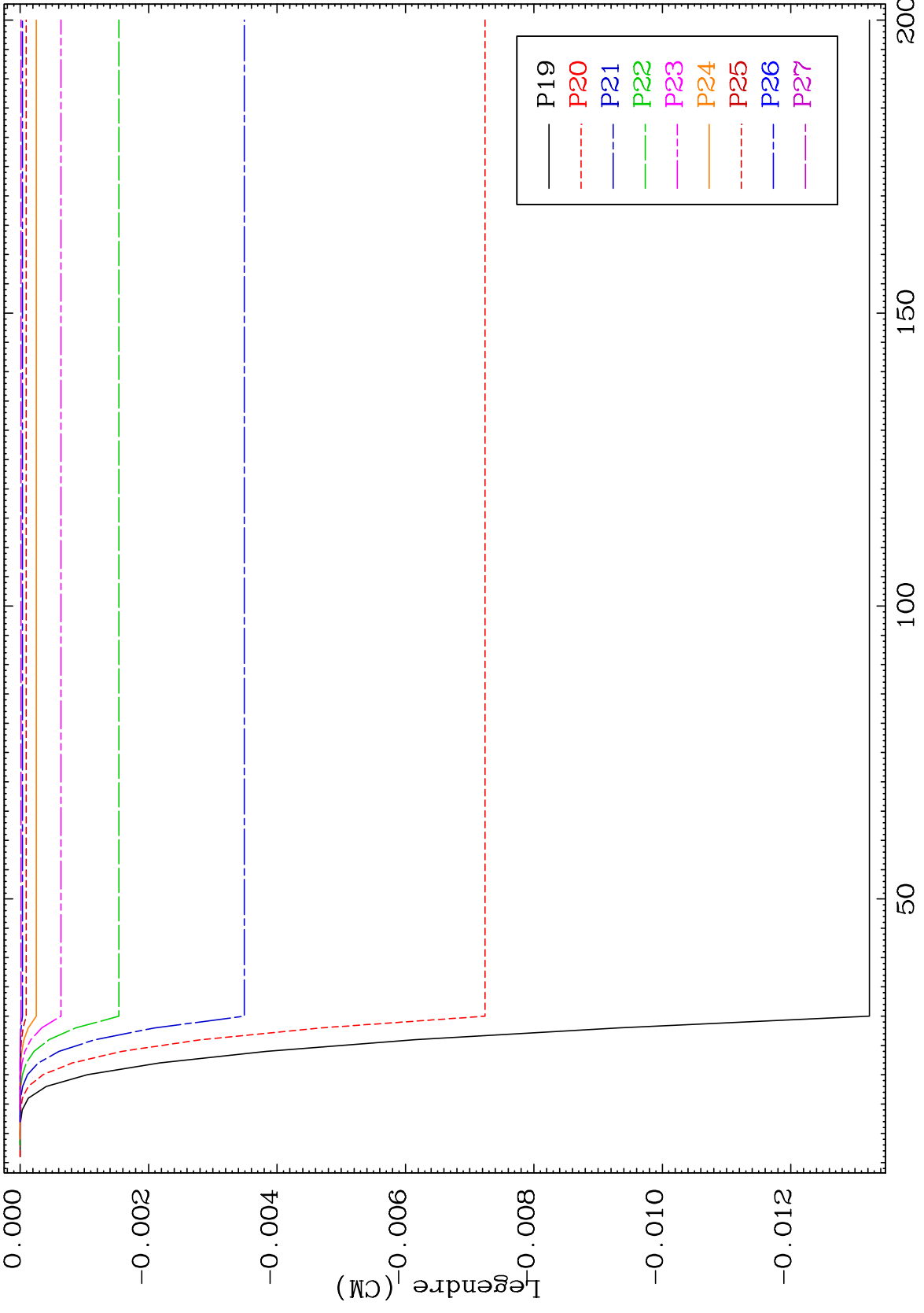


65

Incident Energy (MeV)

49-In-120

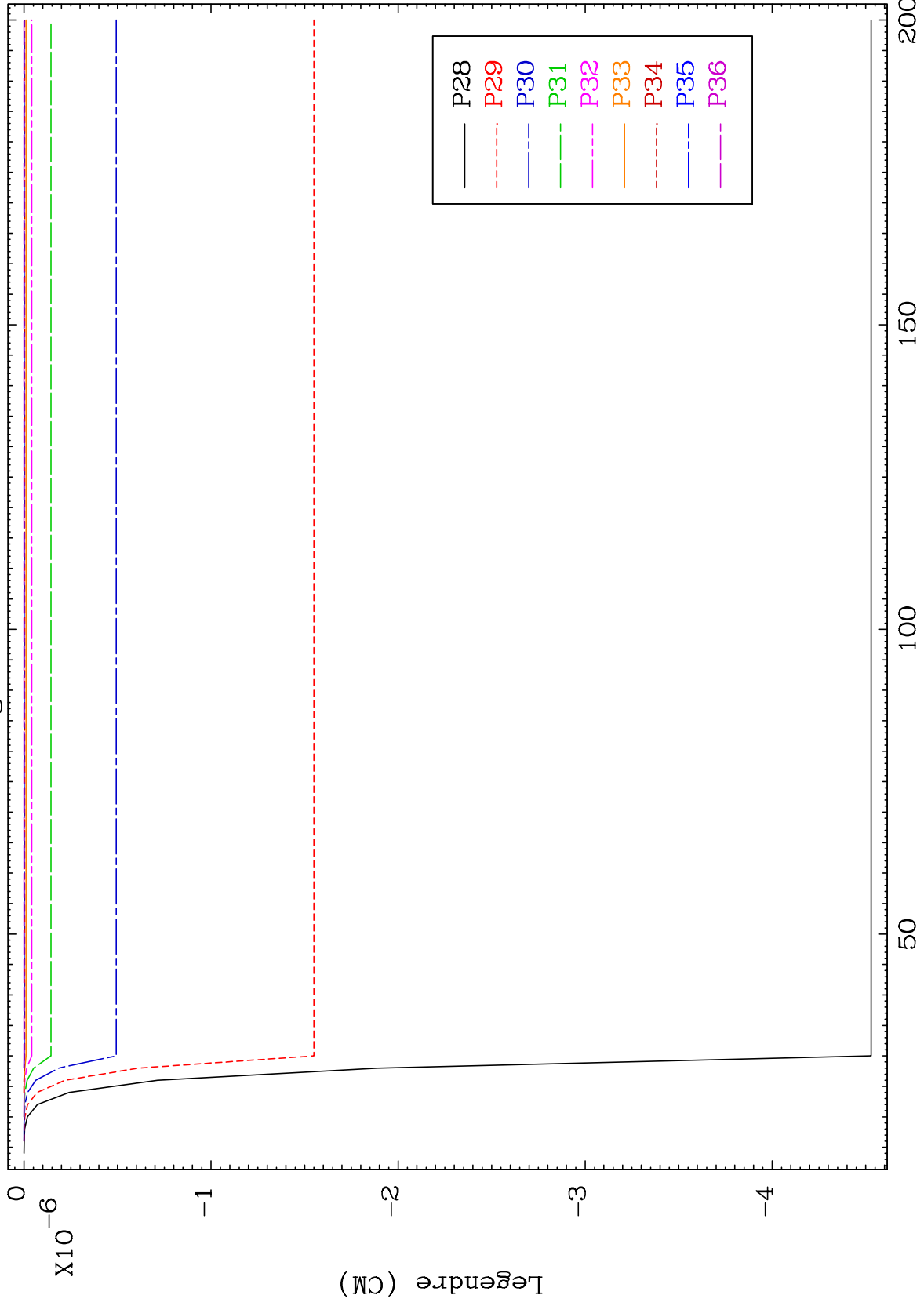
MAT 4946 MT= 64 (n,n') Level Legendre Coefficients 49-In-120



MAT 4946

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

49-In-120



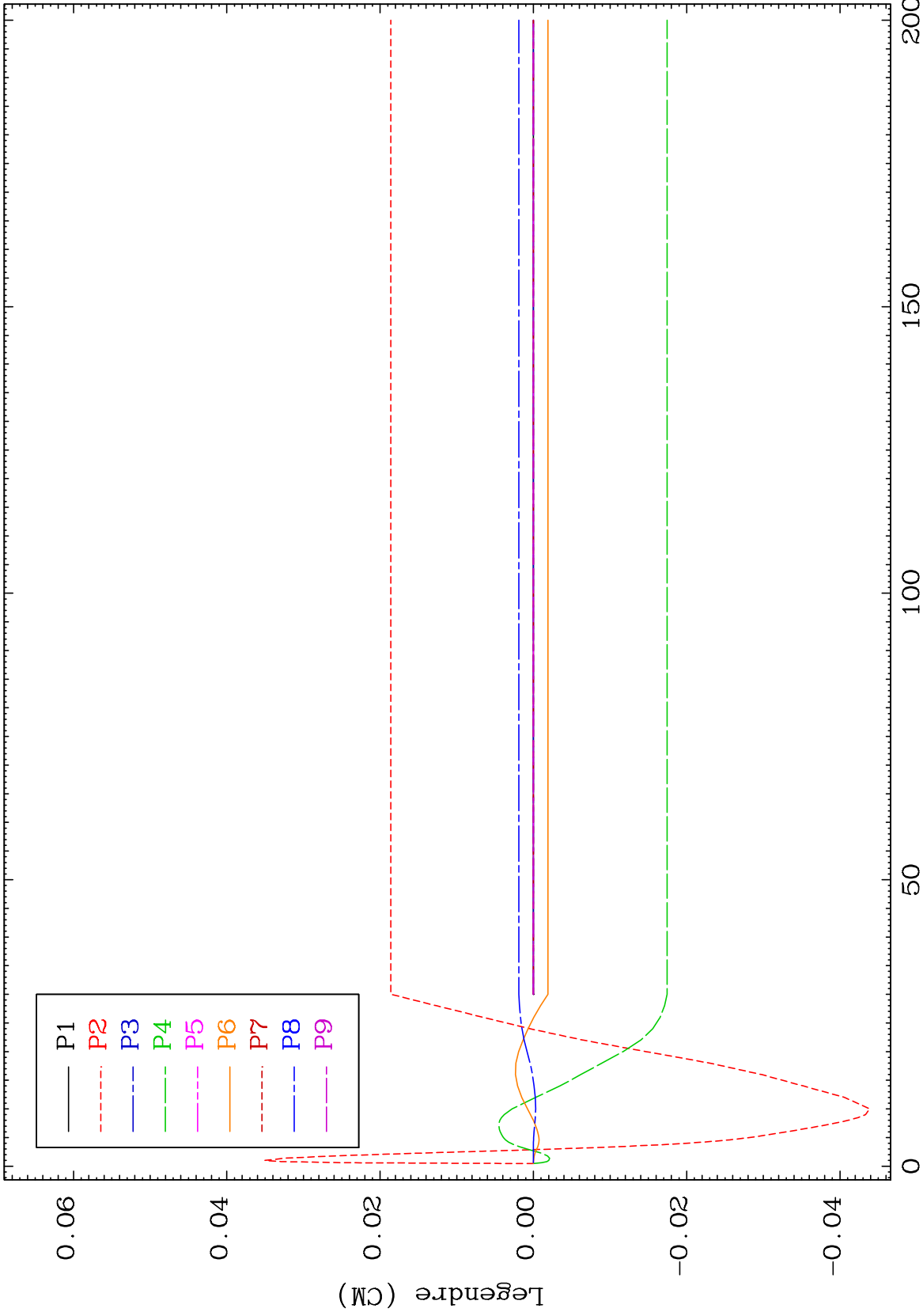
67

49-In-120

MAT 4946

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

49-In-120



68

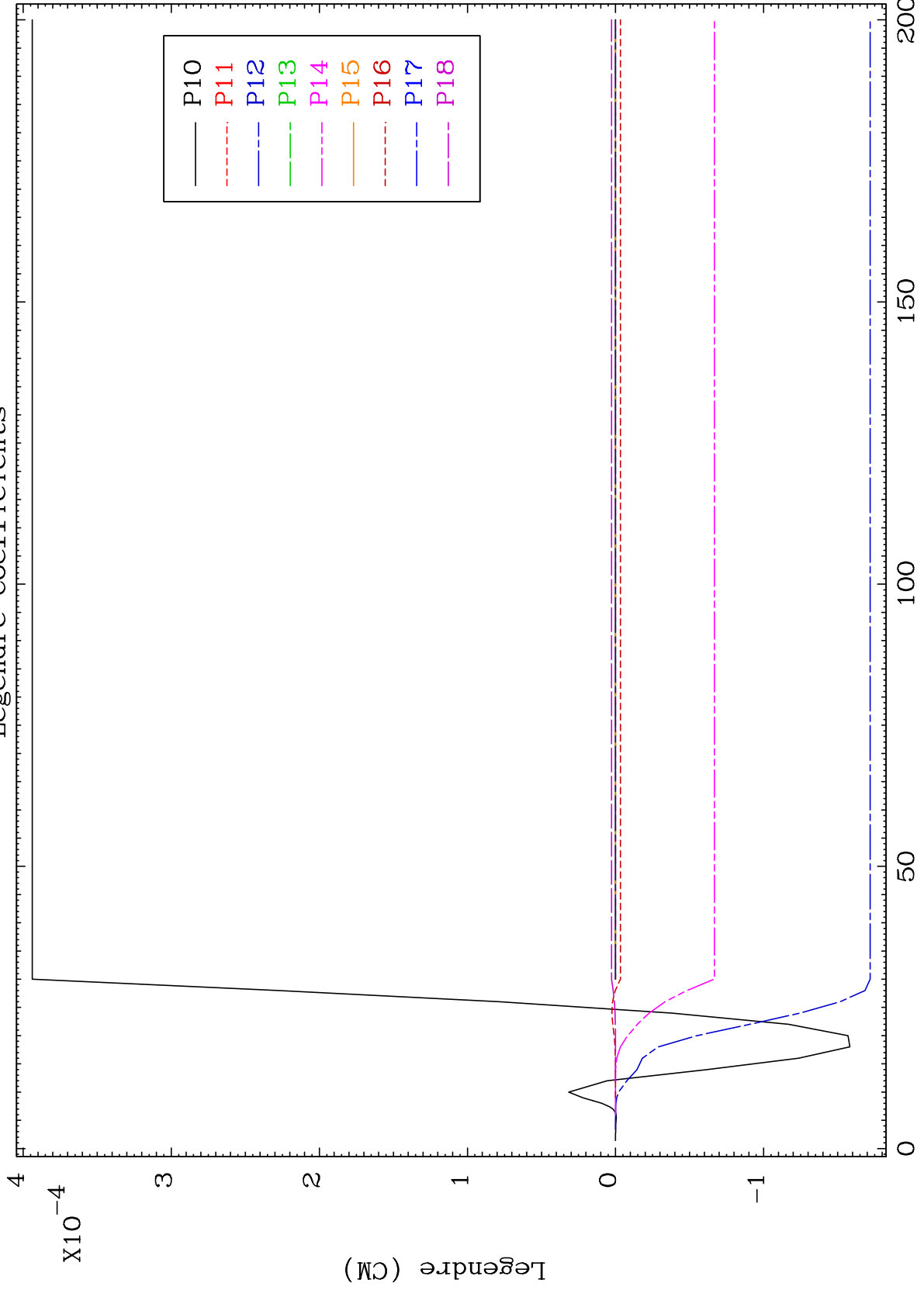
Incident Energy (MeV)

49-In-120

MAT 4946

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

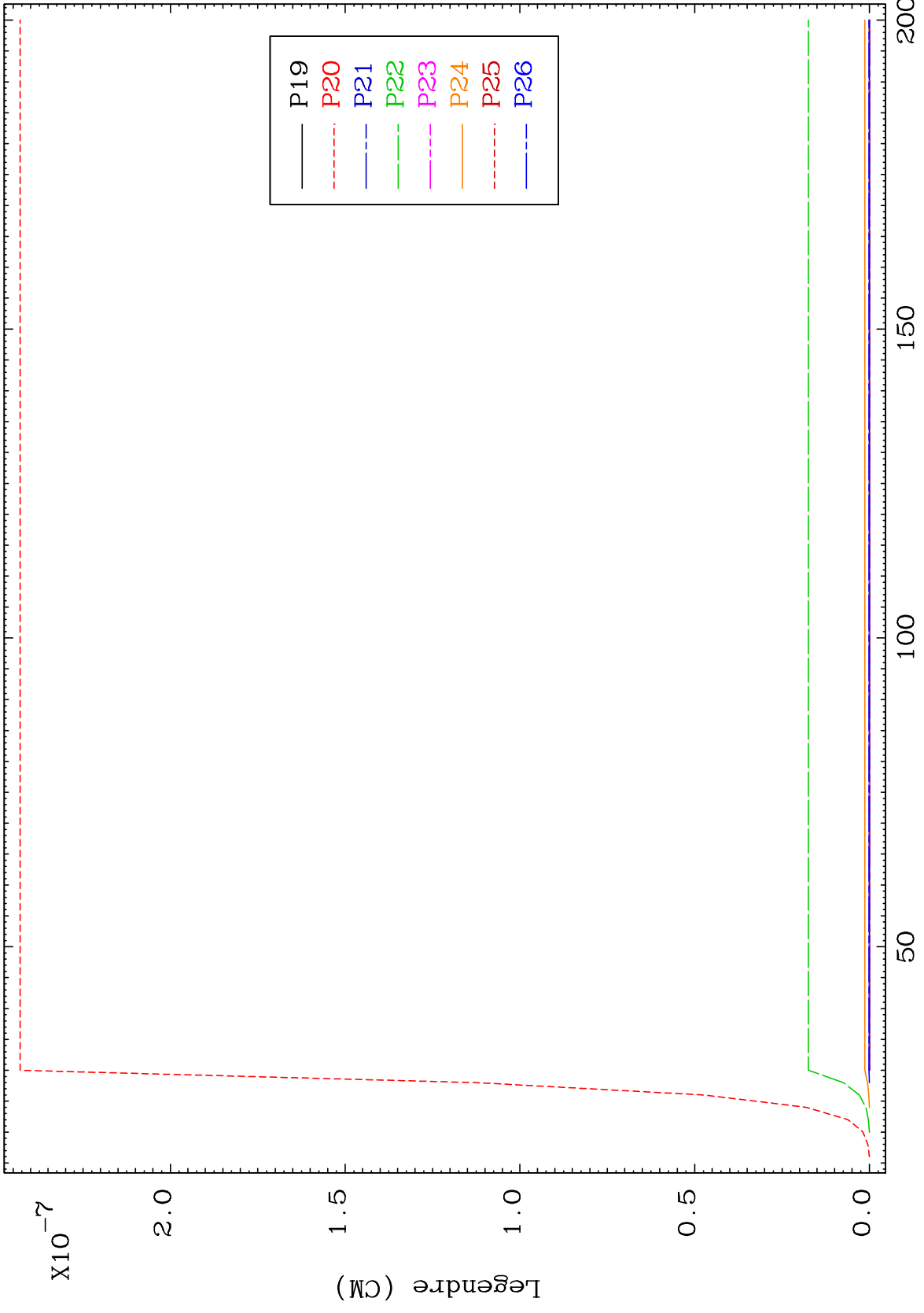
49-In-120



69

49-In-120

MAT 4946 MT= 65 (n,n') Level Legendre Coefficients 49-In-120

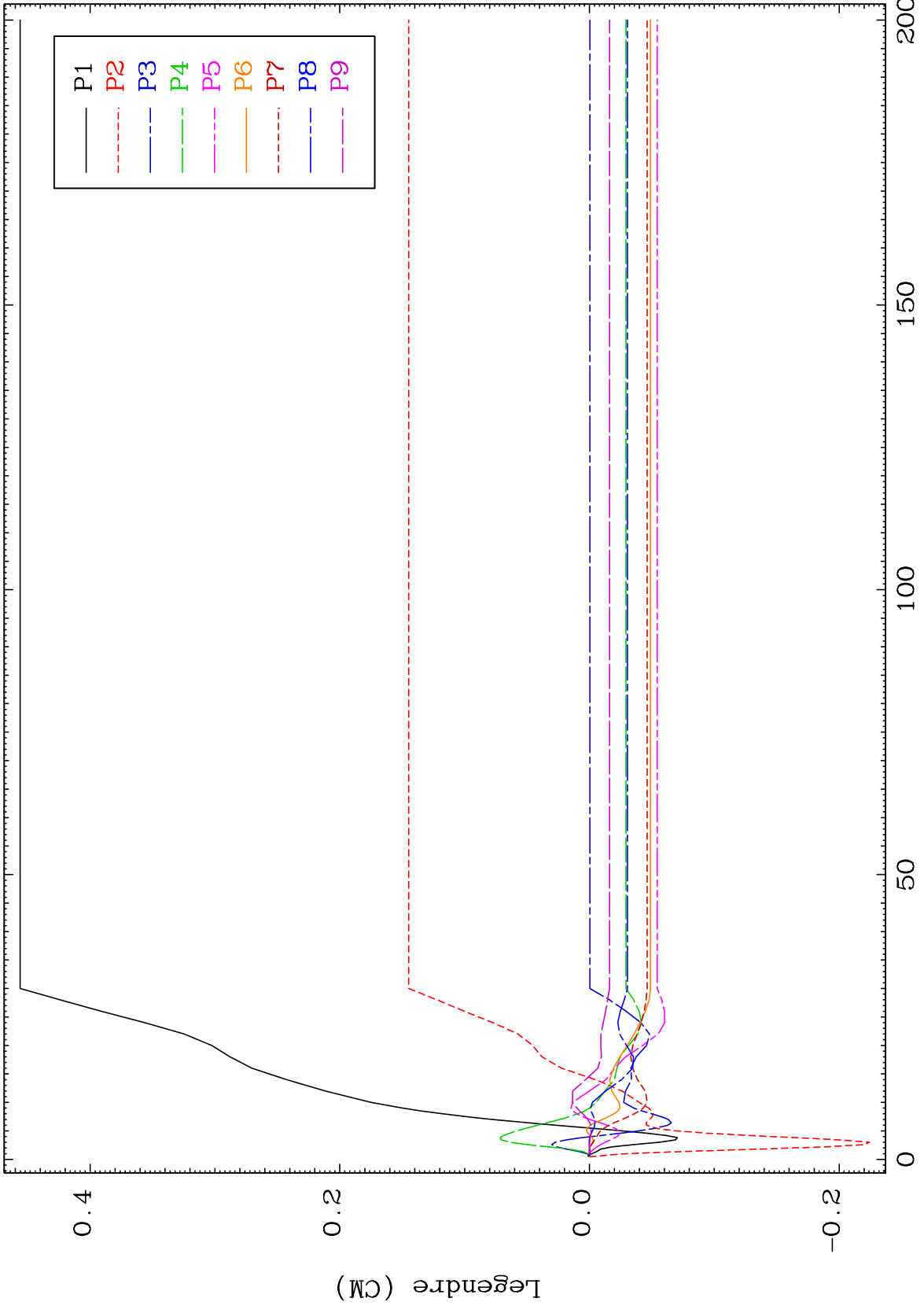


70 Incident Energy (MeV) 49-In-120

MAT 4946

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

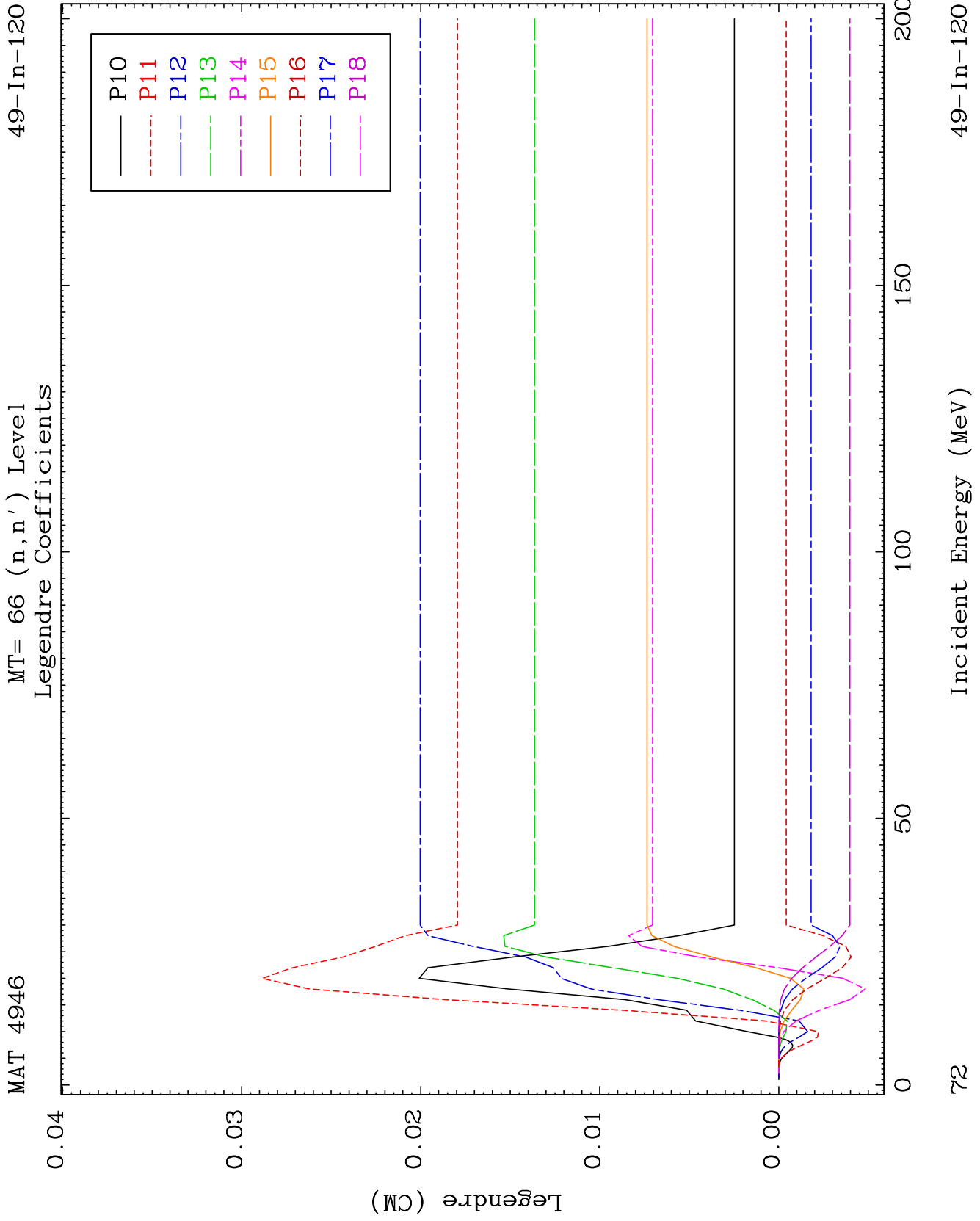
49-In-120



71

Incident Energy (MeV)

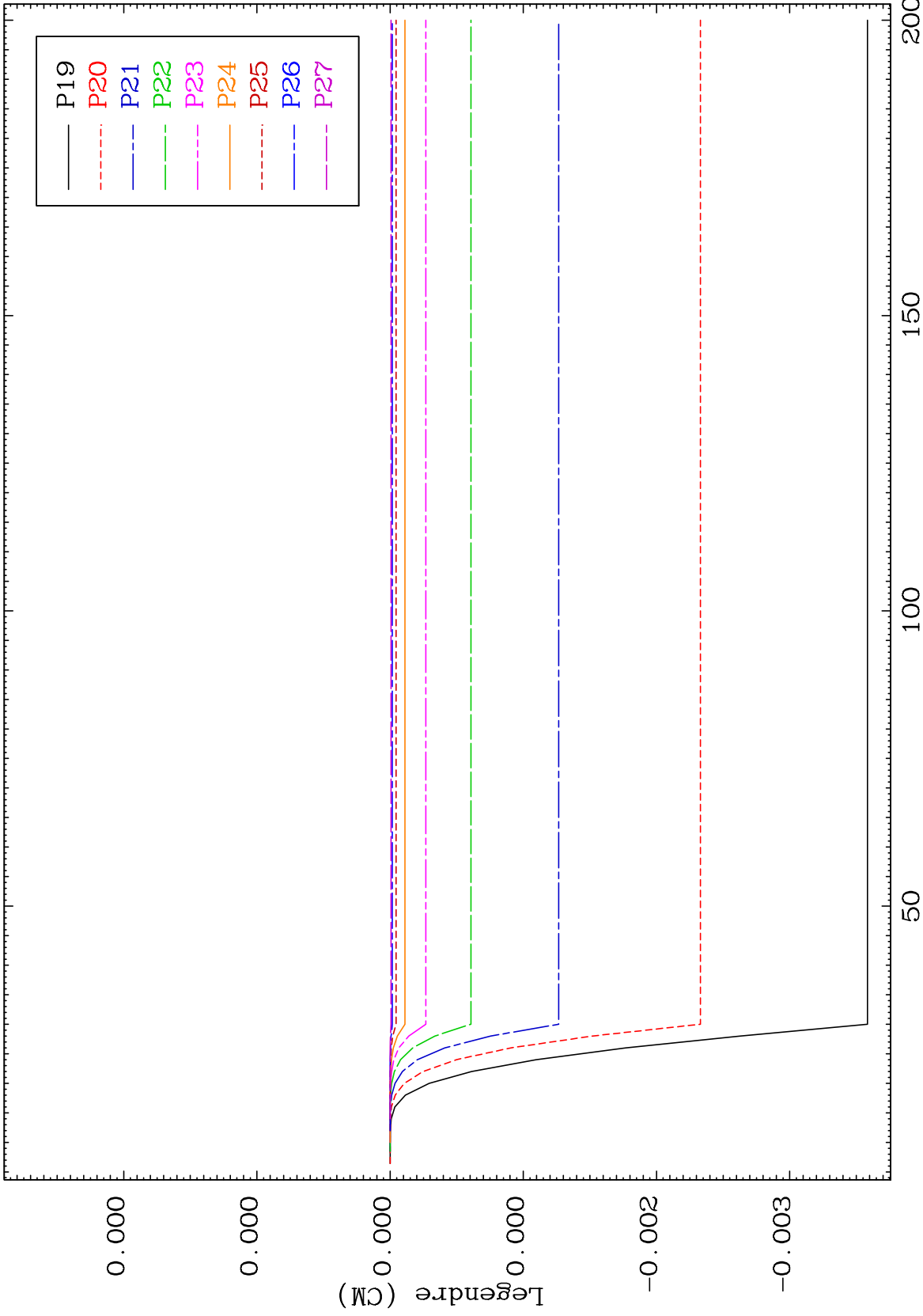
49-In-120



MAT 4946

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

49-In-120

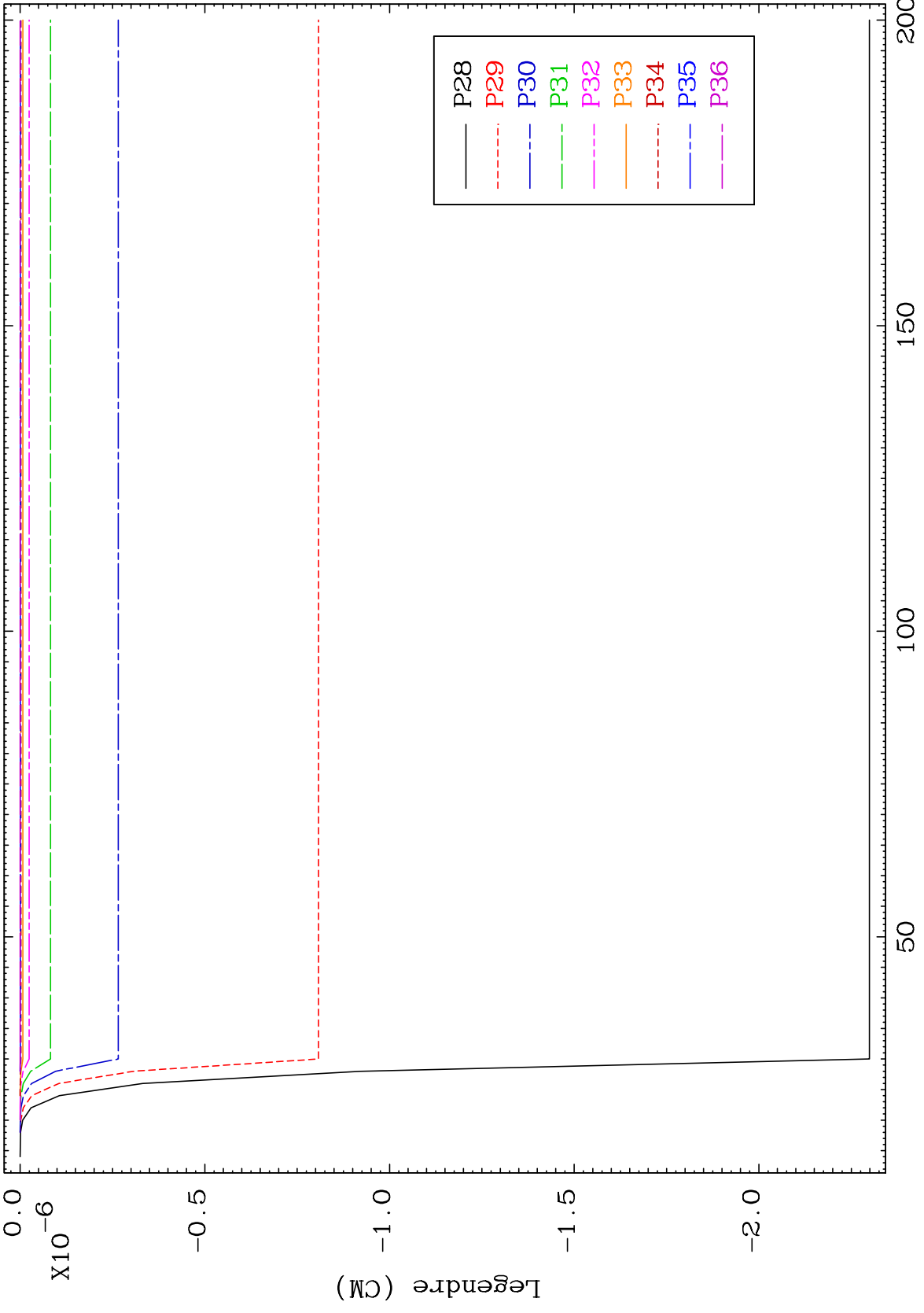


73

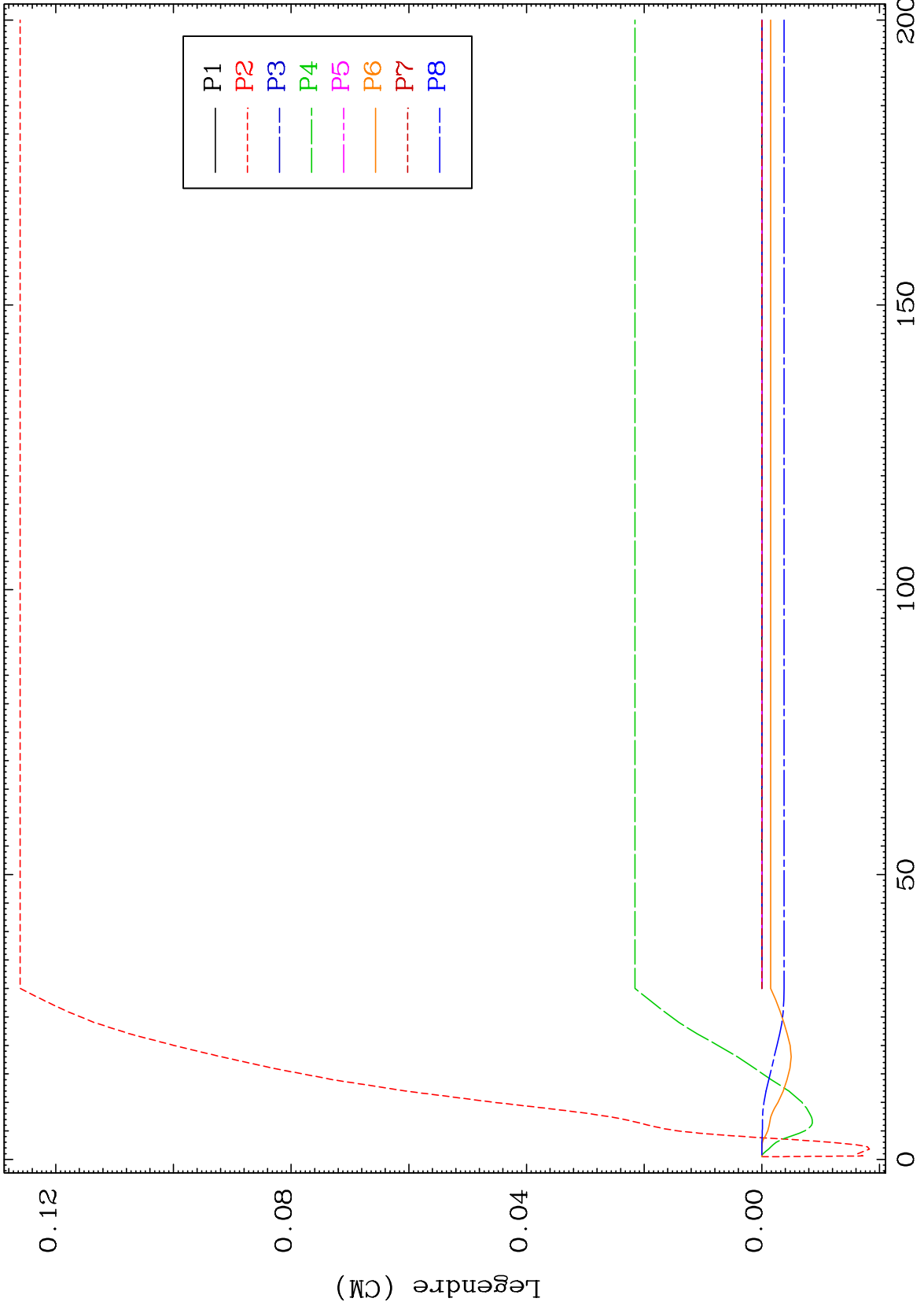
Incident Energy (MeV)

49-In-120

MAT 4946 MT= 66 (n,n') Level Legendre Coefficients 49-In-120

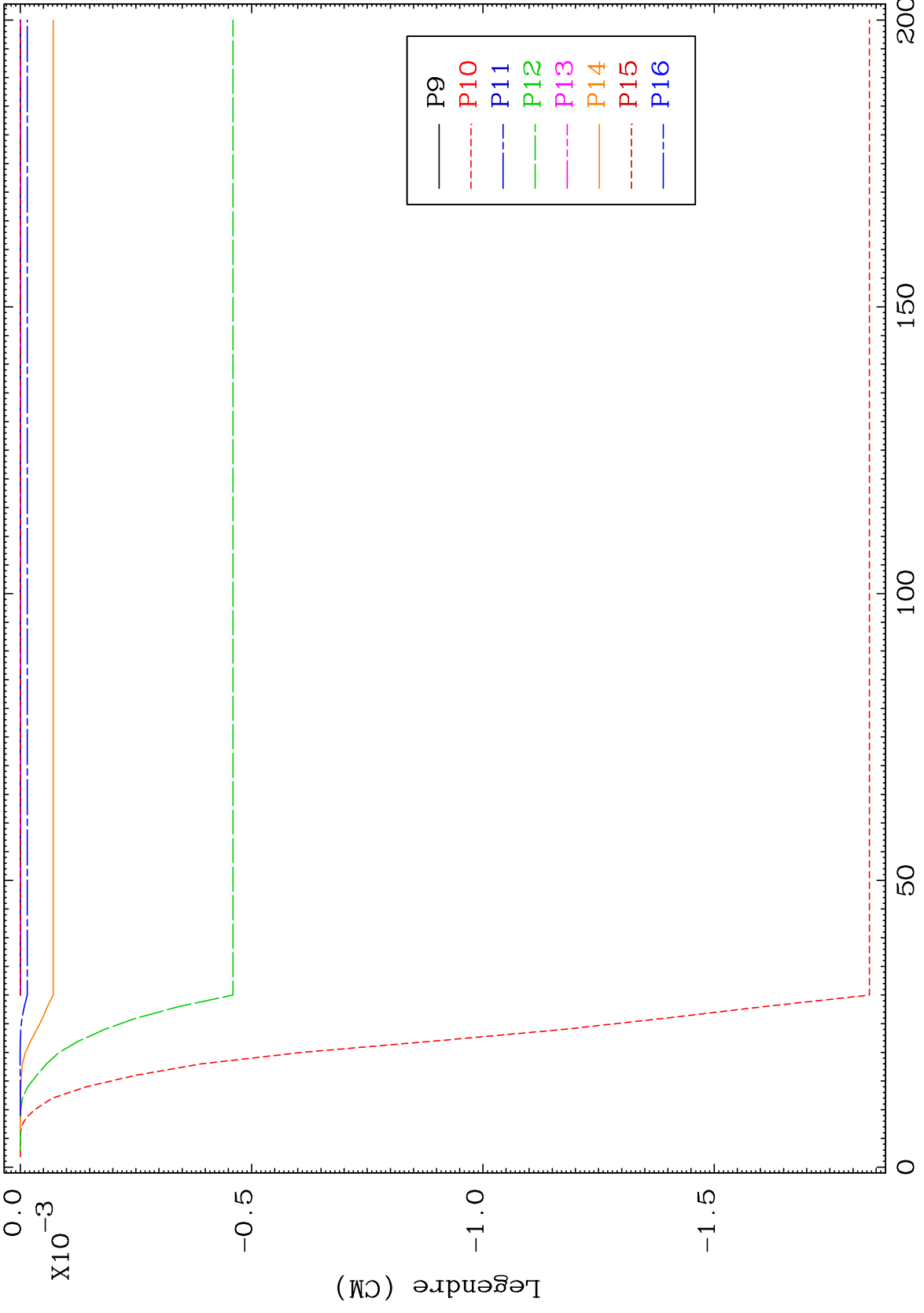


MAT 4946 MT= 67 (n,n') Level Legendre Coefficients 49-In-120



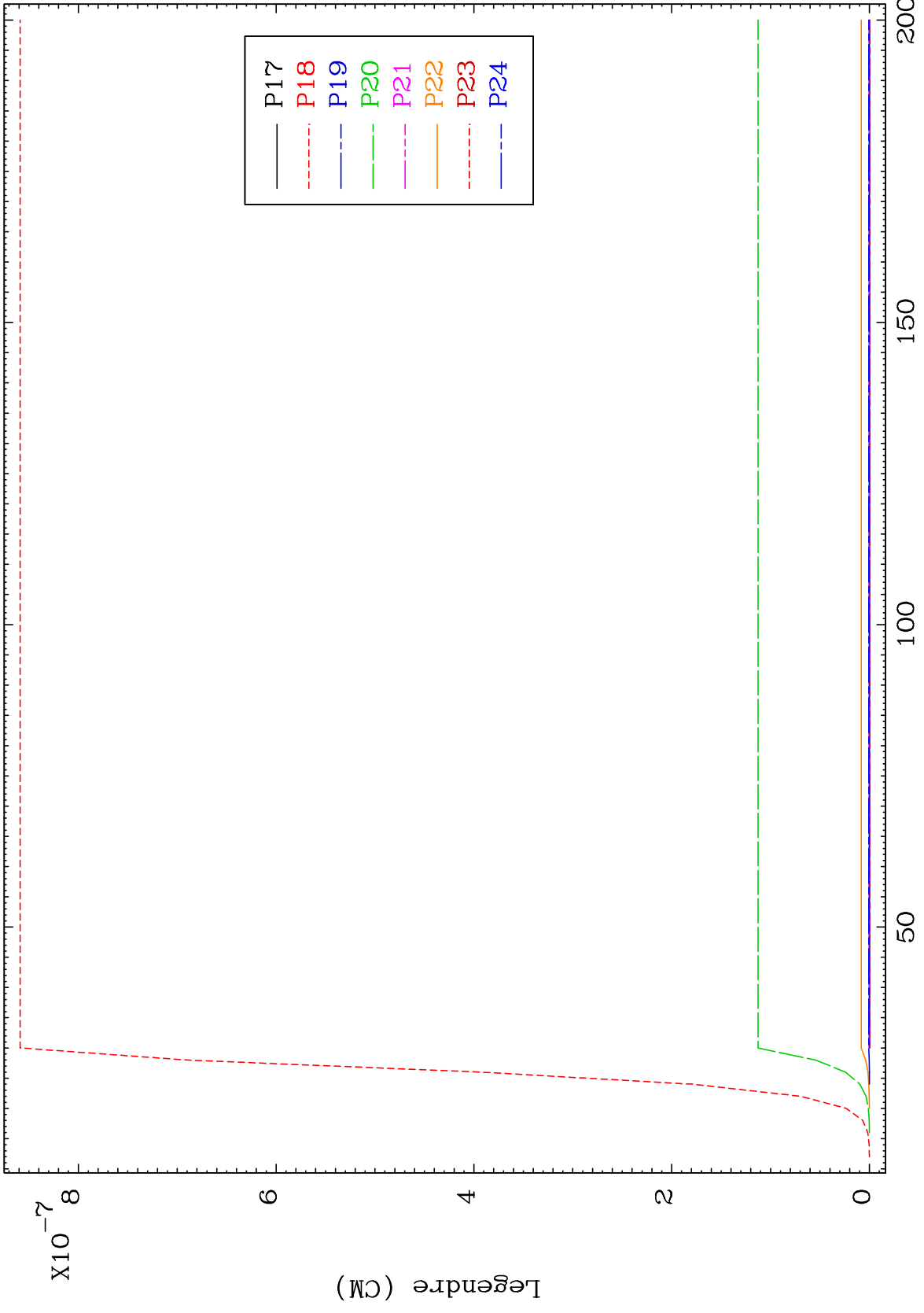
75 Incident Energy (MeV) 49-In-120

MAT 4946 MT= 67 (n,n') Level Legendre Coefficients 49-In-120

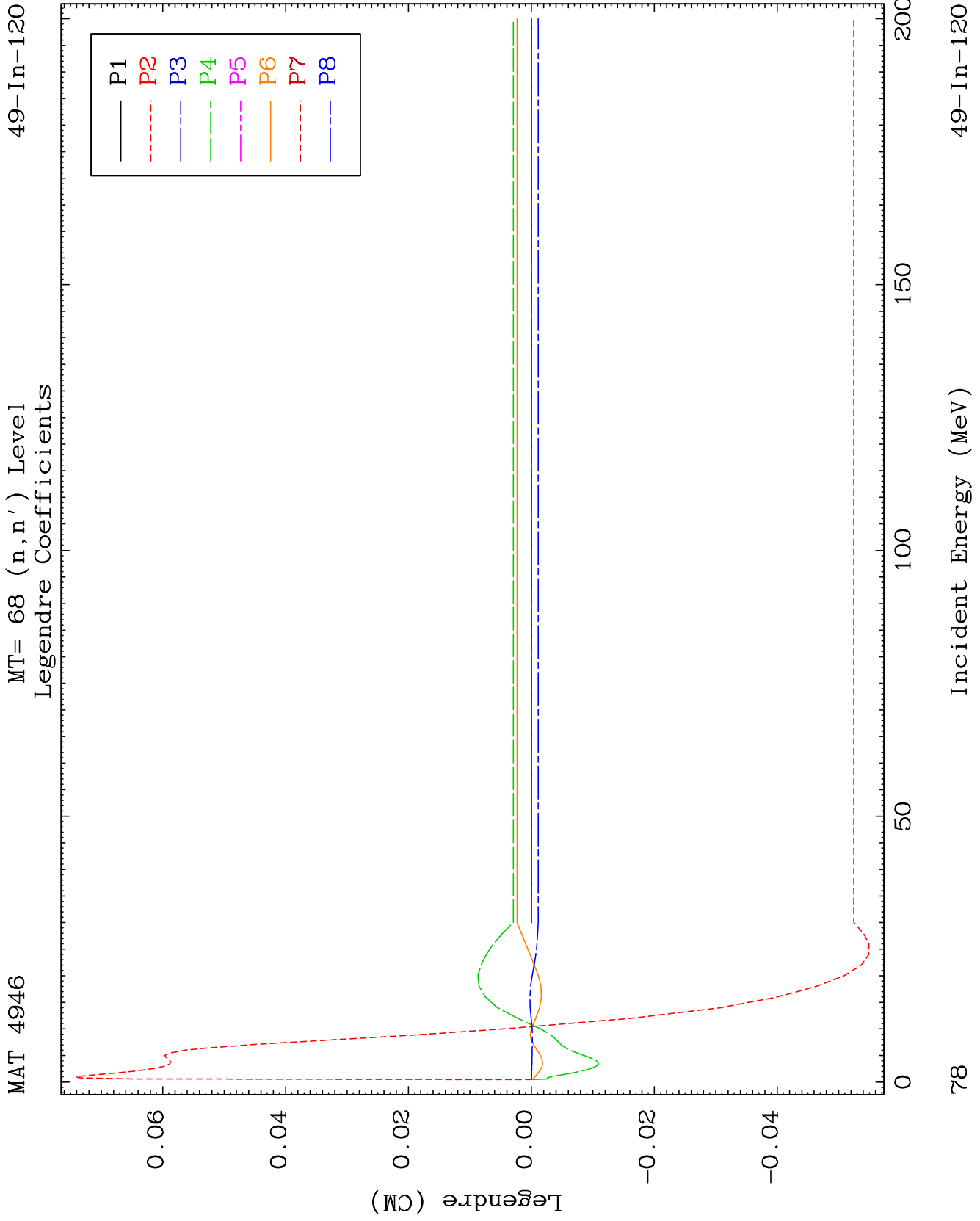


76 Incident Energy (MeV) 49-In-120

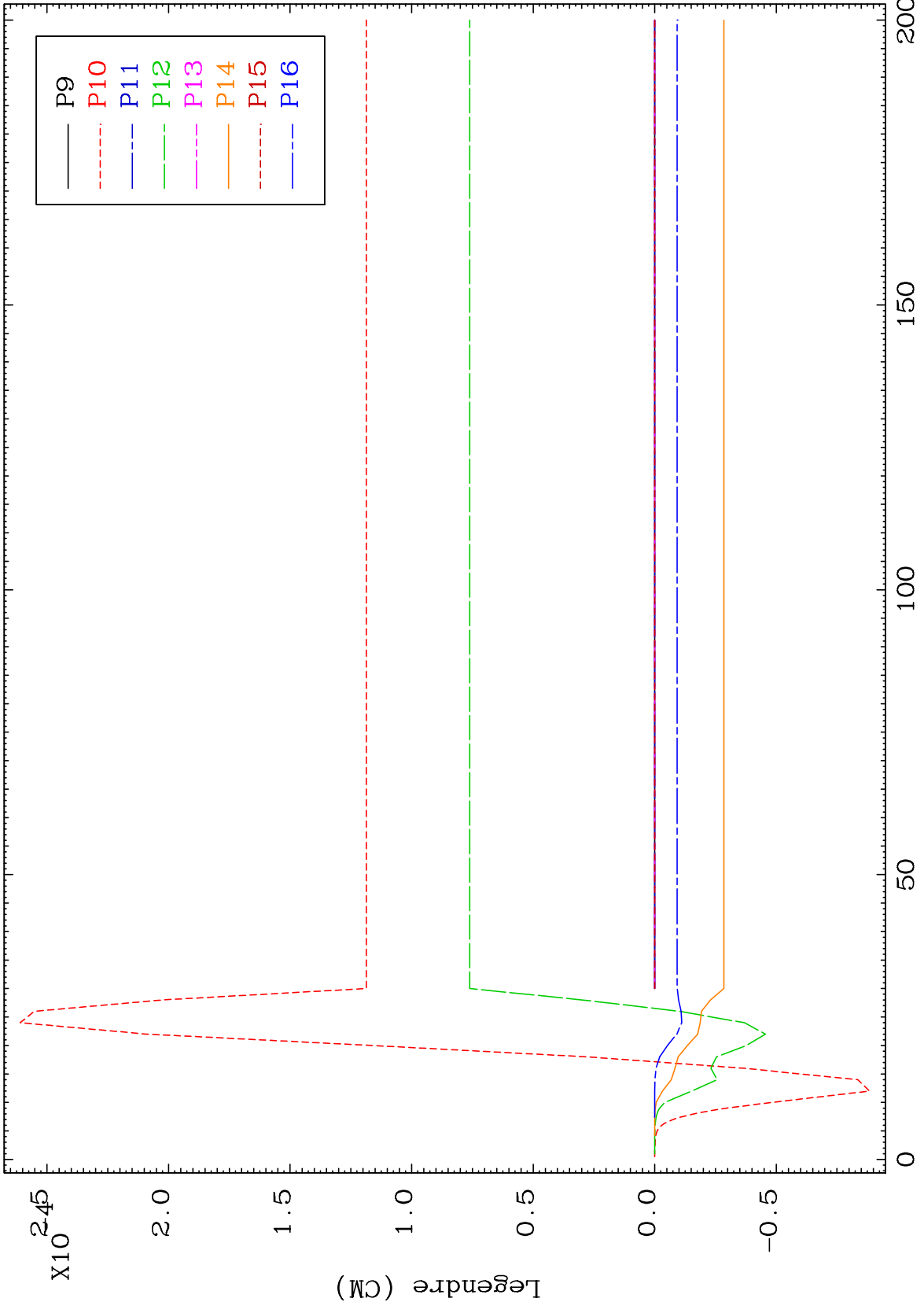
MAT 4946 MT= 67 (n,n') Level Legendre Coefficients 49-In-120



77 Incident Energy (MeV) 49-In-120

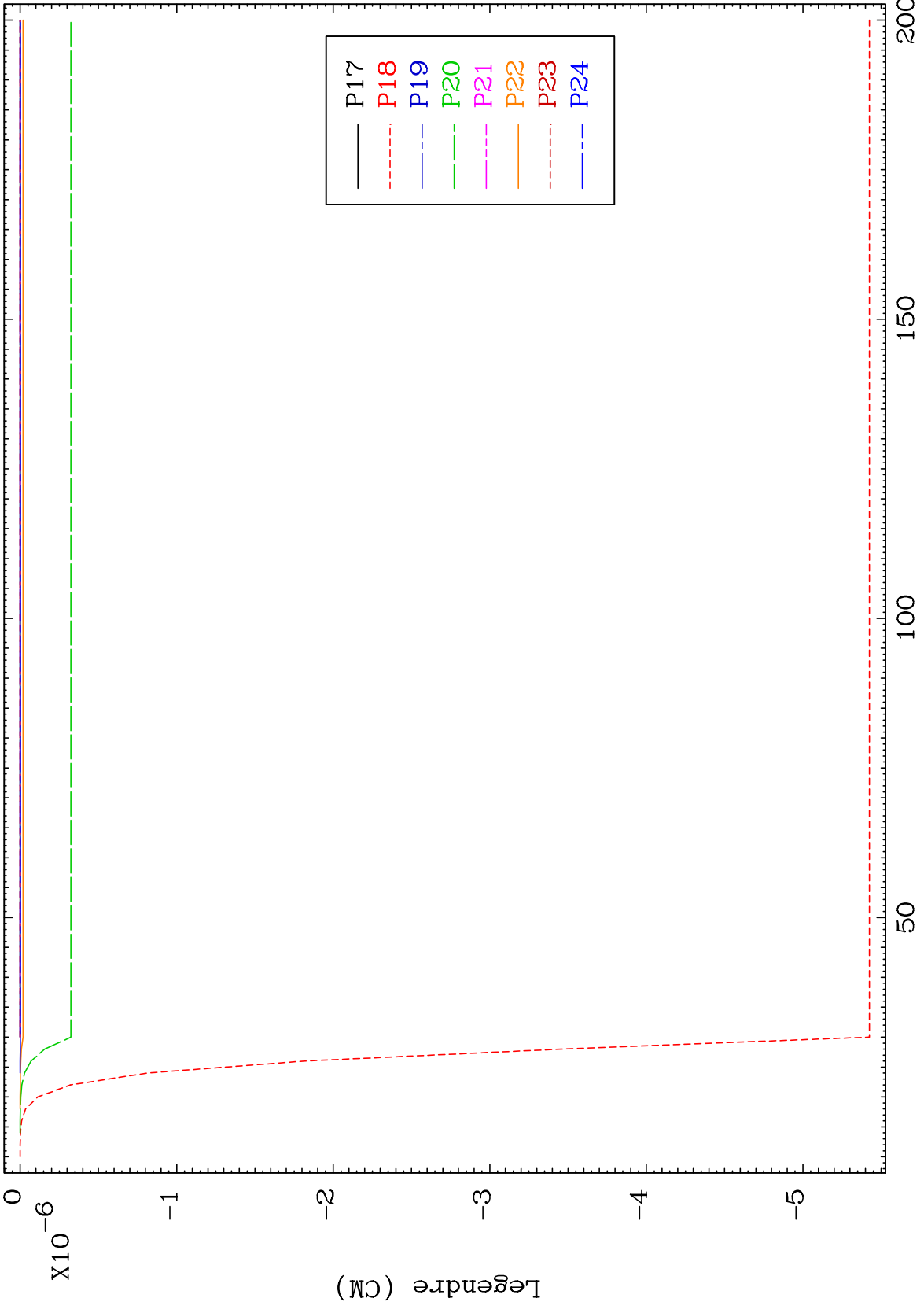


MAT 4946 MT= 68 (n,n') Level Legendre Coefficients 49-In-120



79 49-In-120

MAT 4946 MT= 68 (n,n') Level Legendre Coefficients 49-In-120

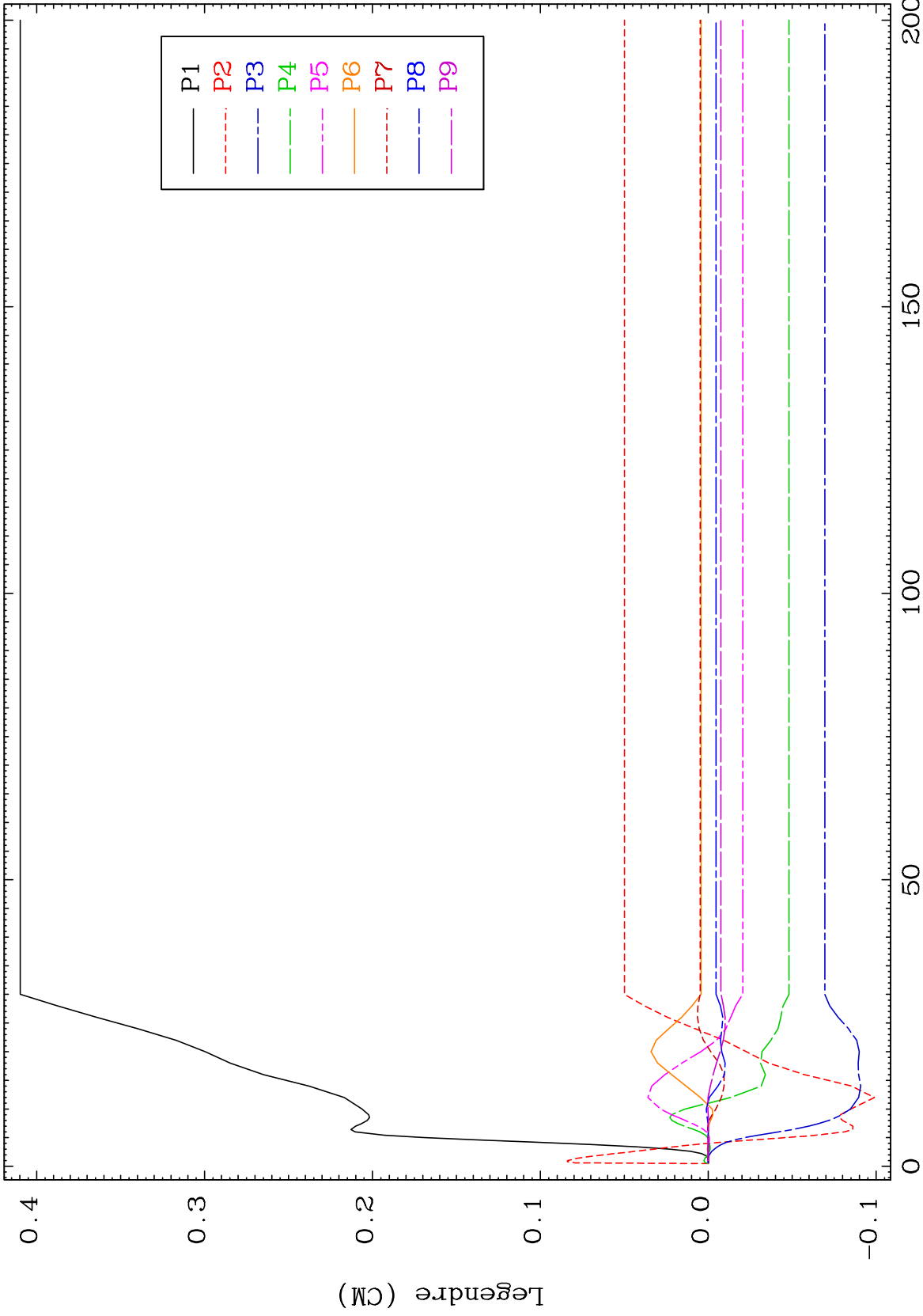


80 Incident Energy (MeV) 49-In-120

MAT 4946

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

49-In-120



81

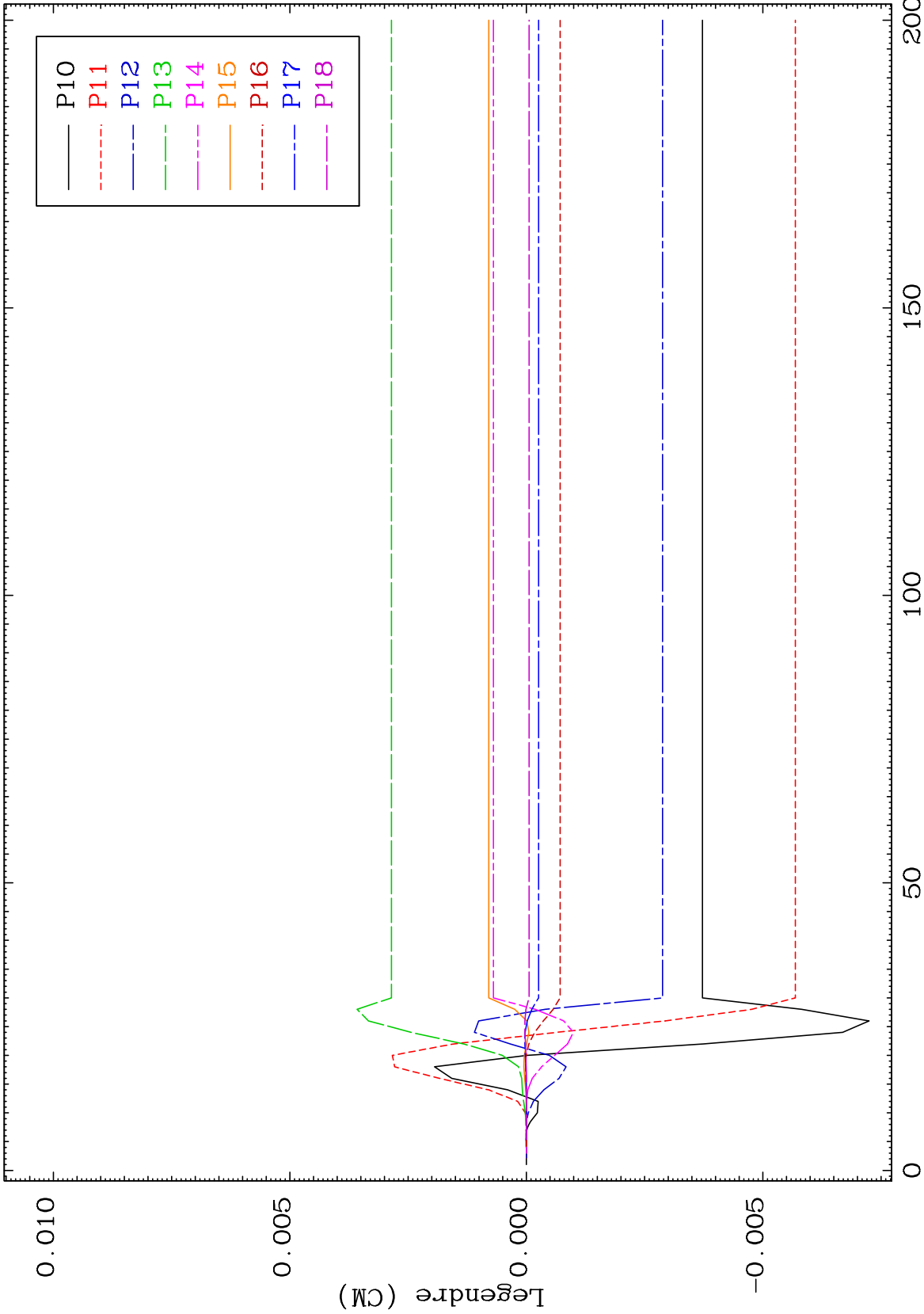
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



82

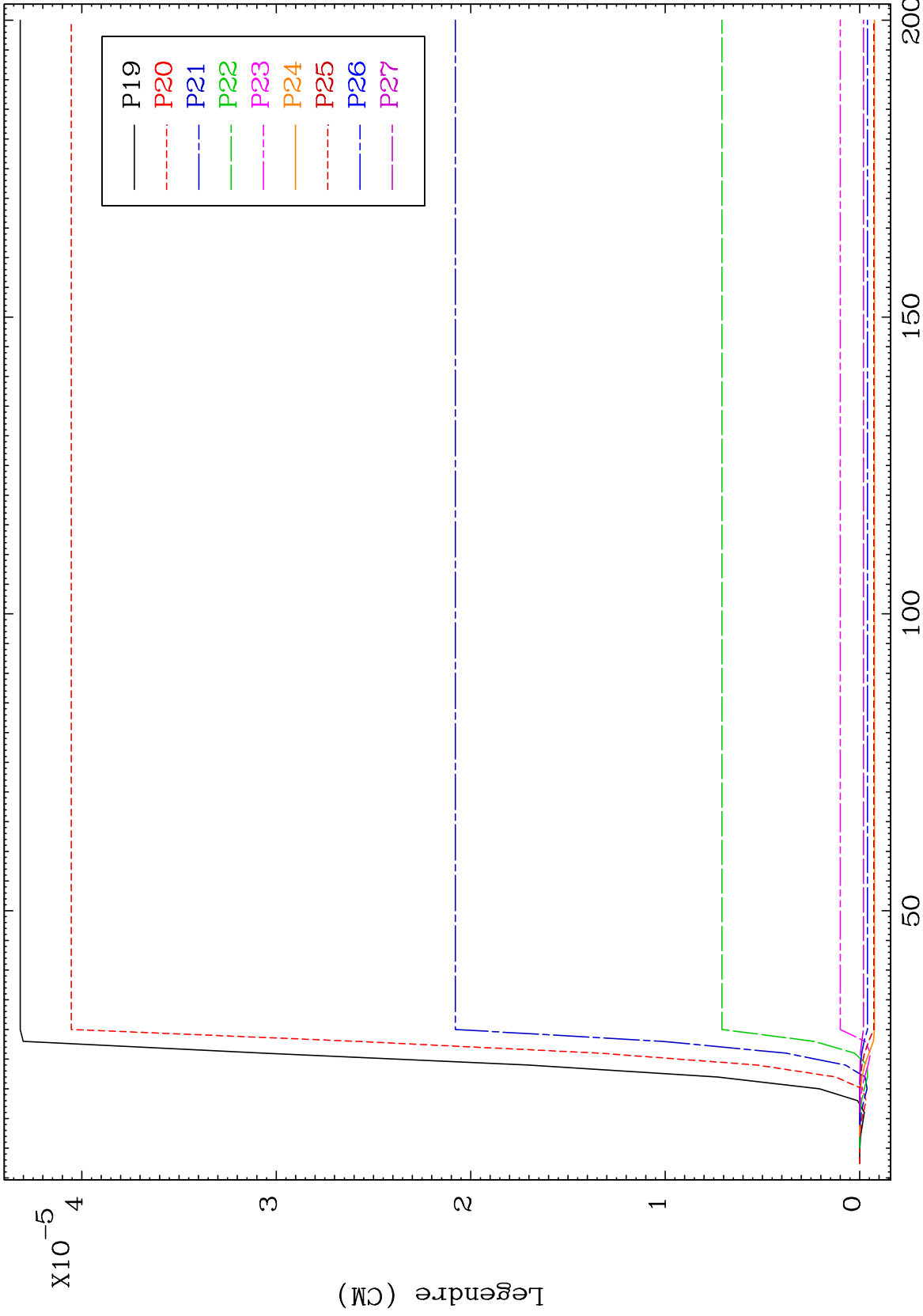
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120

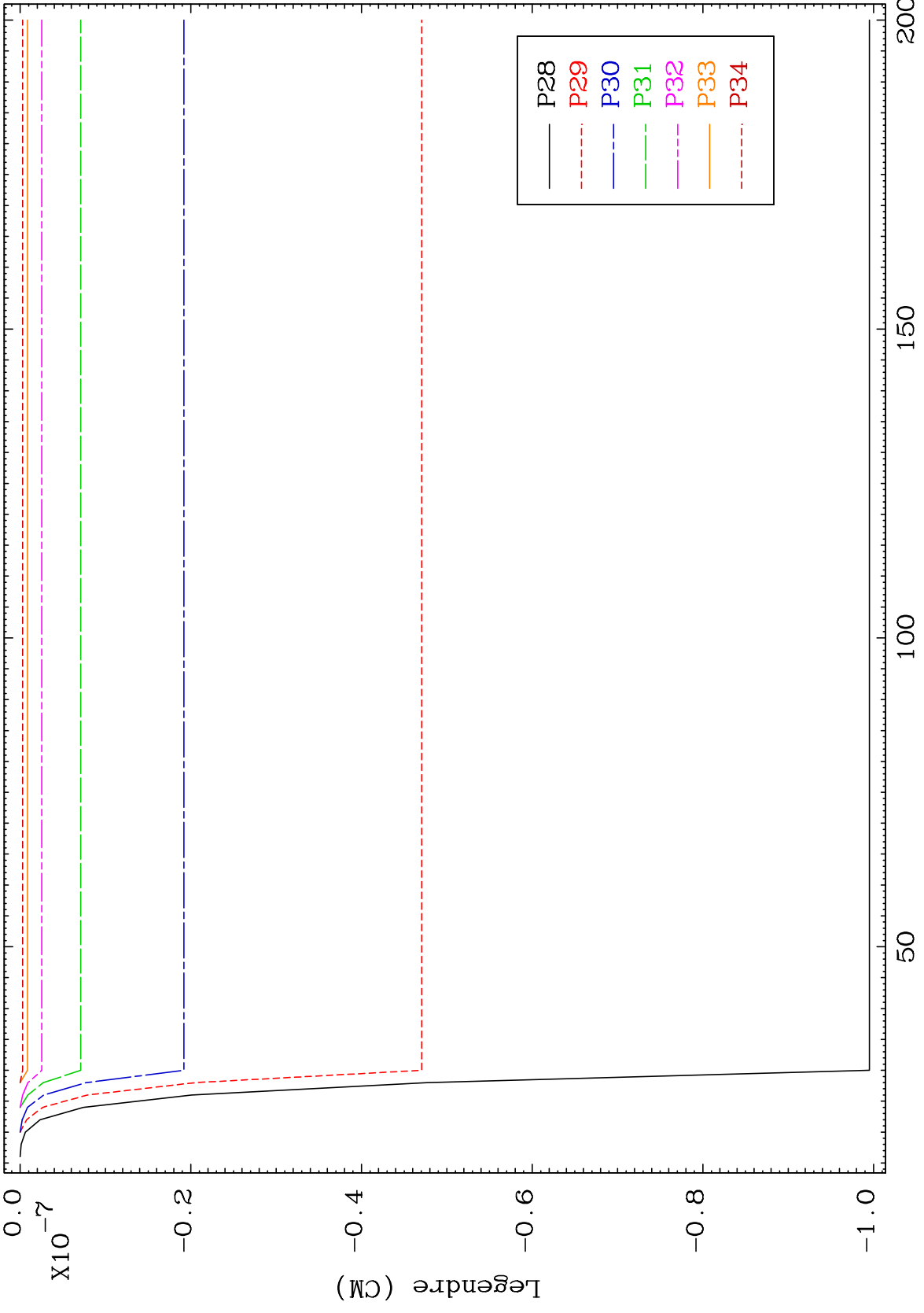


83

Incident Energy (MeV)

49-In-120

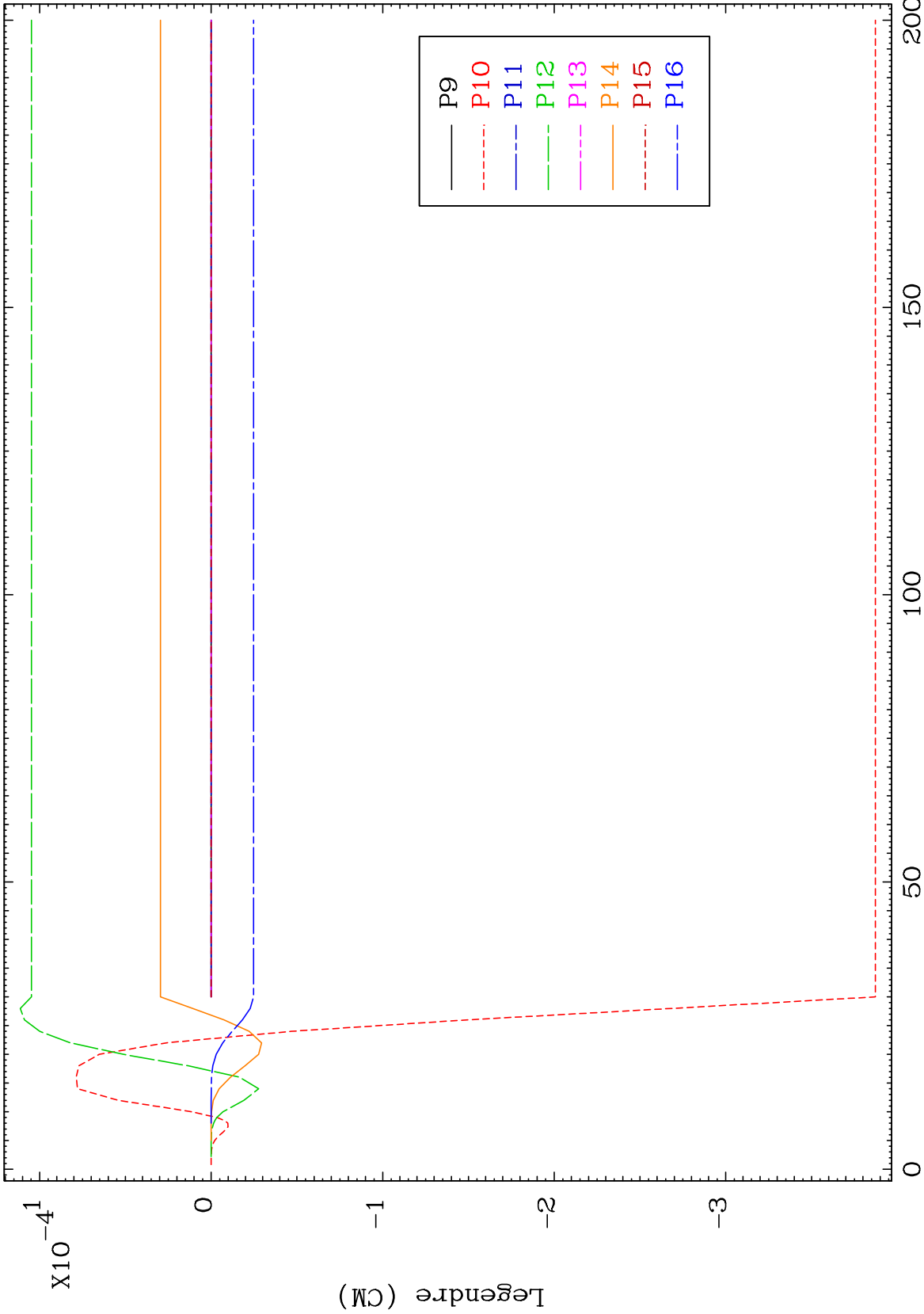
MAT 4946 MT= 69 (n, n') Level Legendre Coefficients 49-In-120



MAT 4946

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

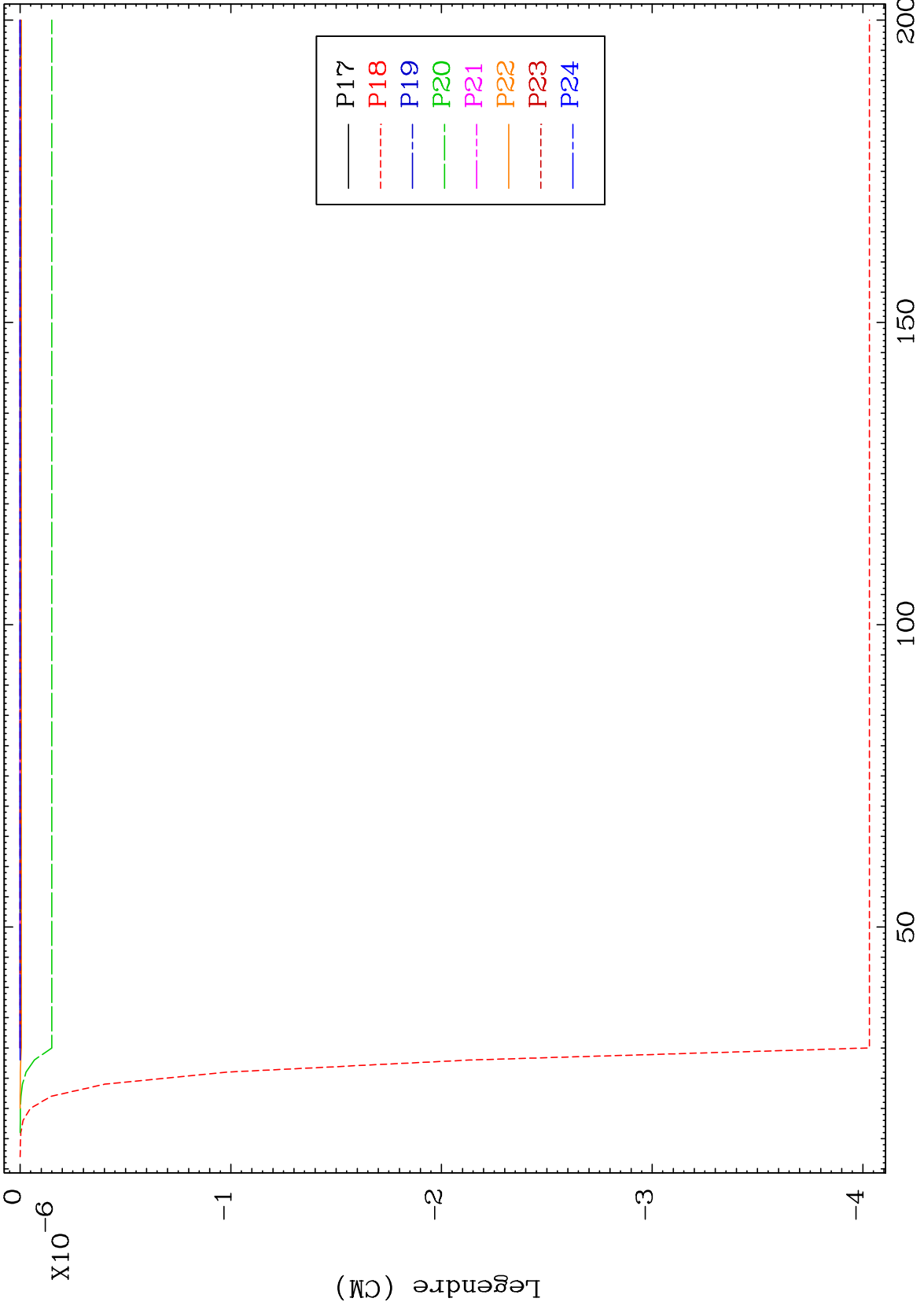
49-In-120



86

49-In-120

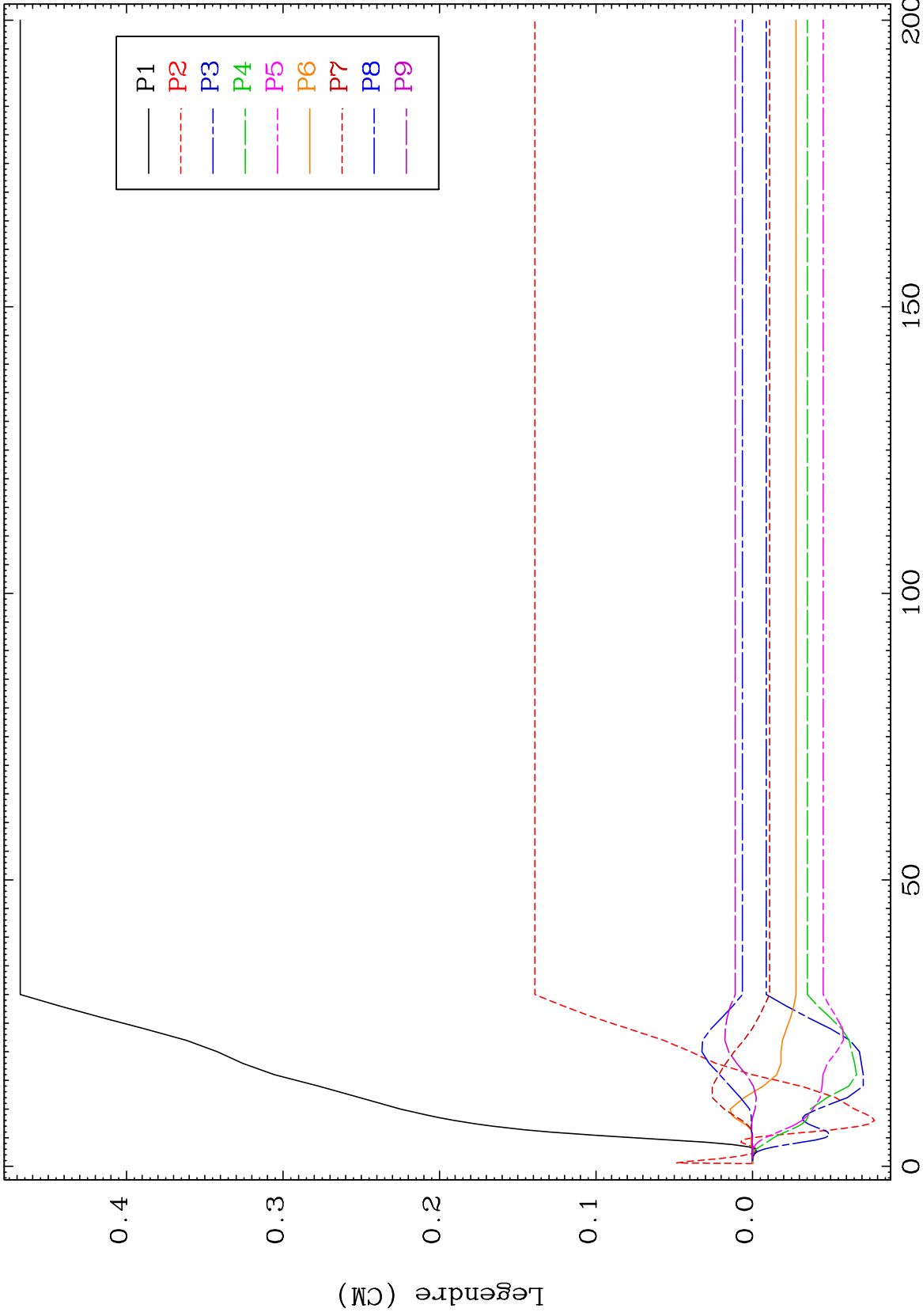
MAT 4946 MT= 70 (n,n') Level Legendre Coefficients 49-In-120



MAT 4946

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

49-In-120



88

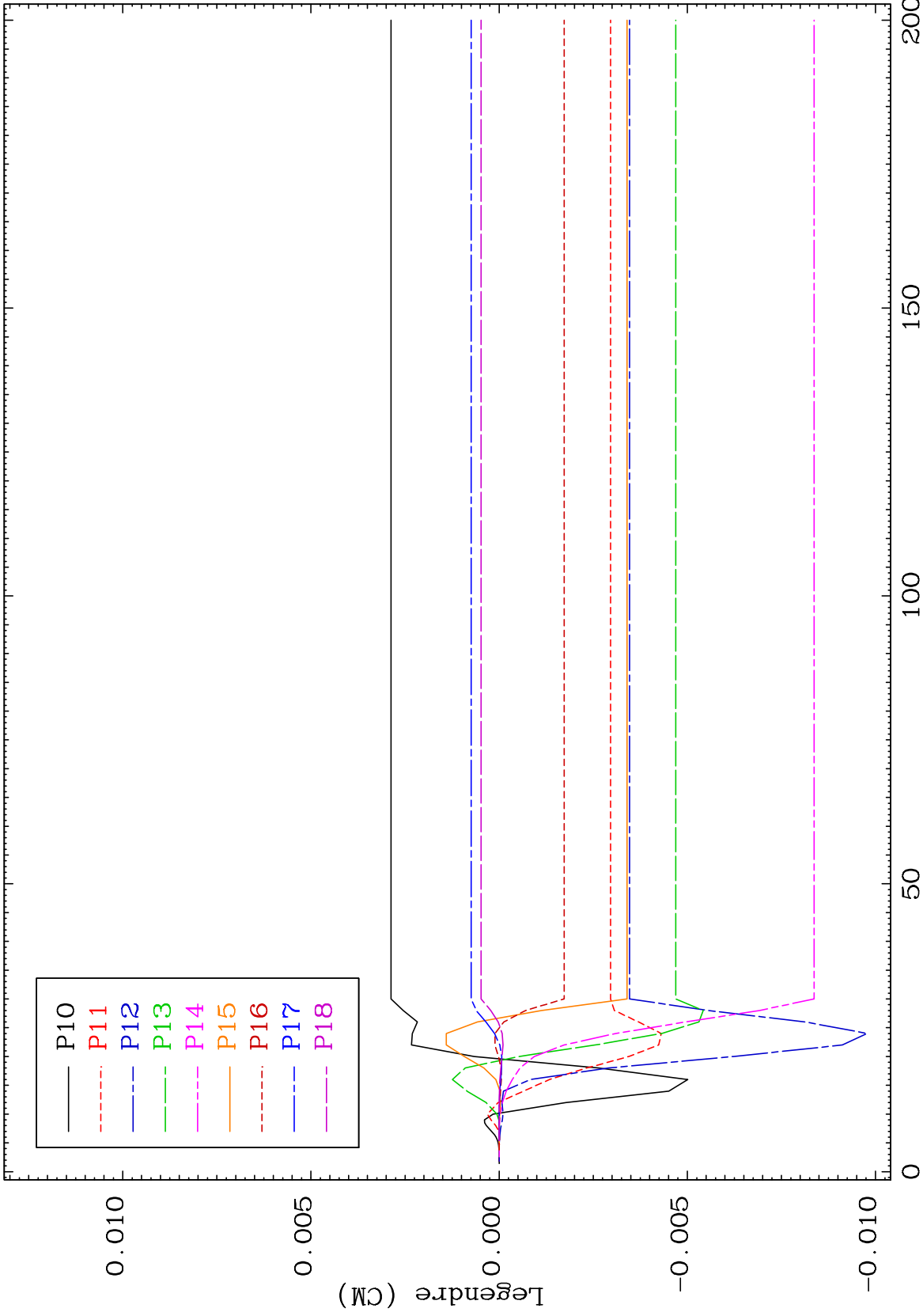
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



89

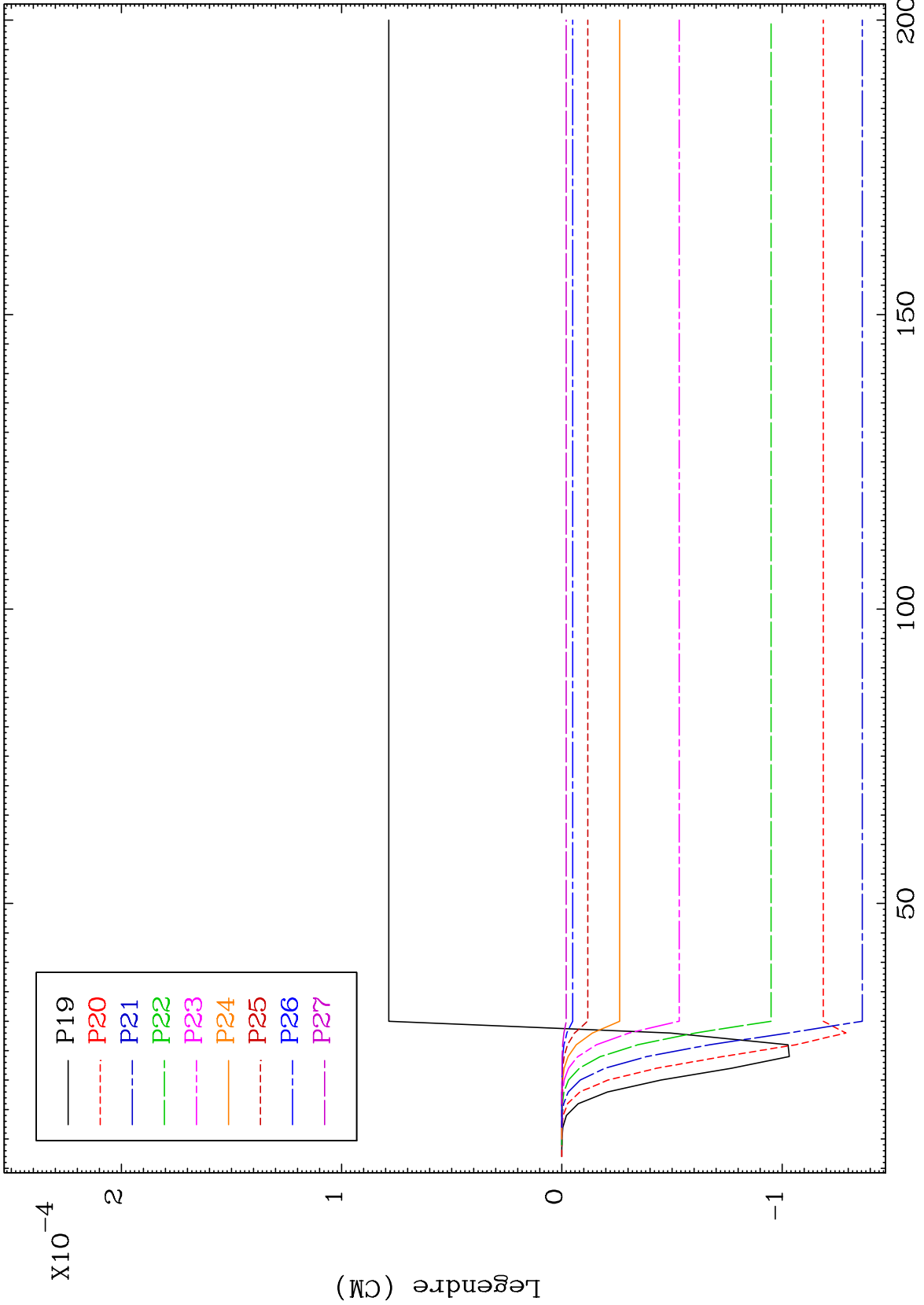
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120

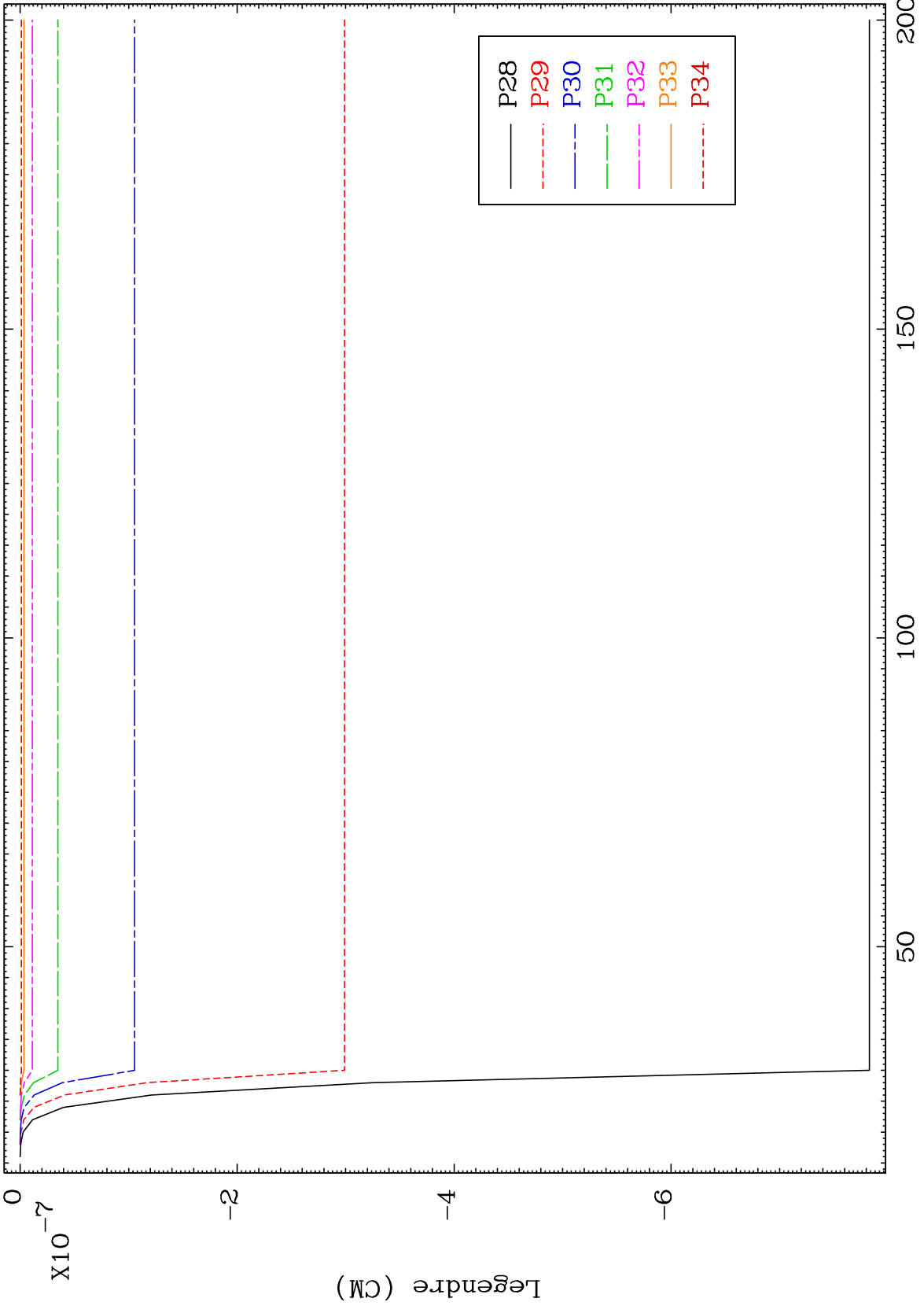


90

Incident Energy (MeV)

49-In-120

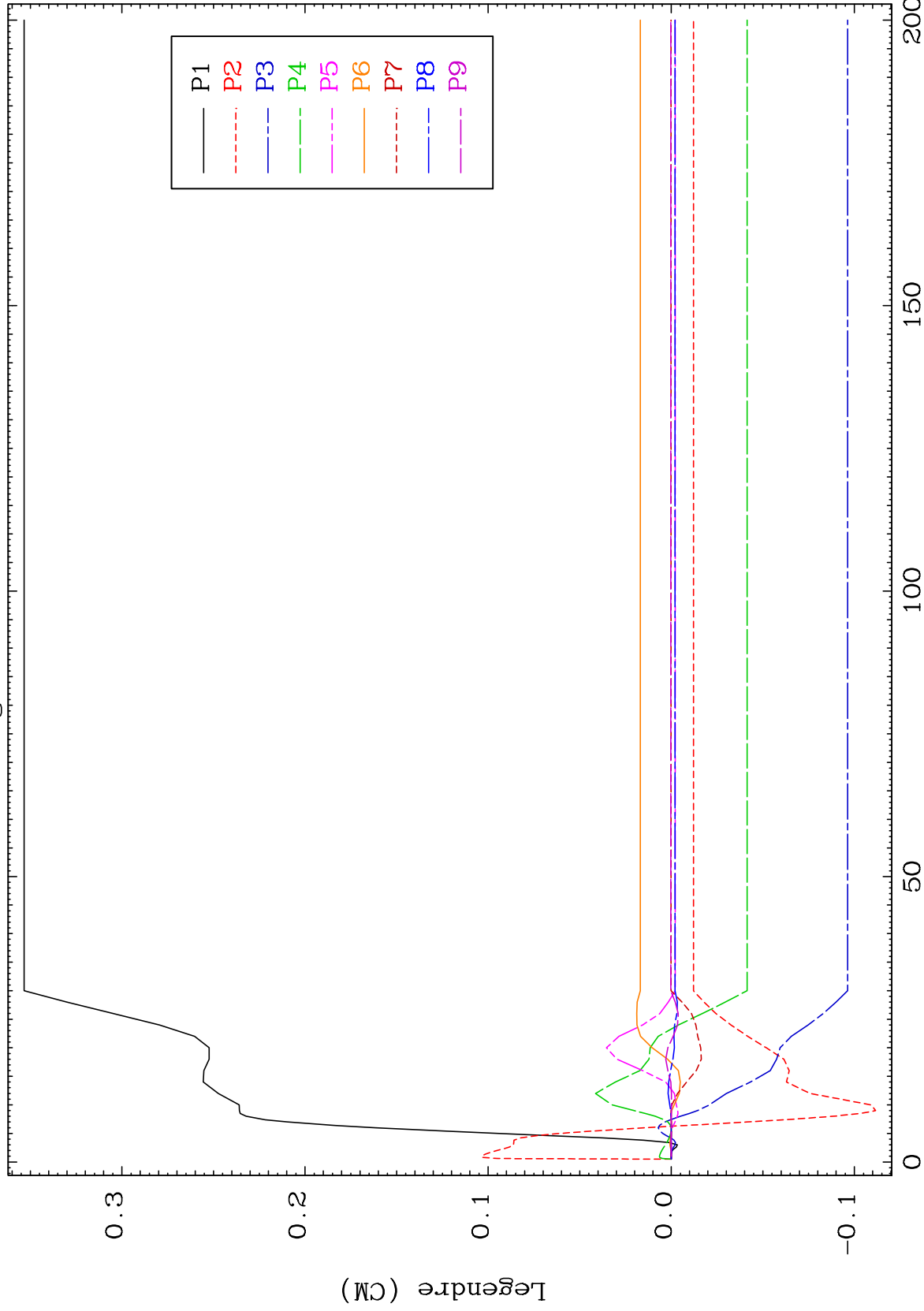
MAT 4946 MT= 71 (n,n') Level Legendre Coefficients 49-In-120



MAT 4946

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

49-In-120



92

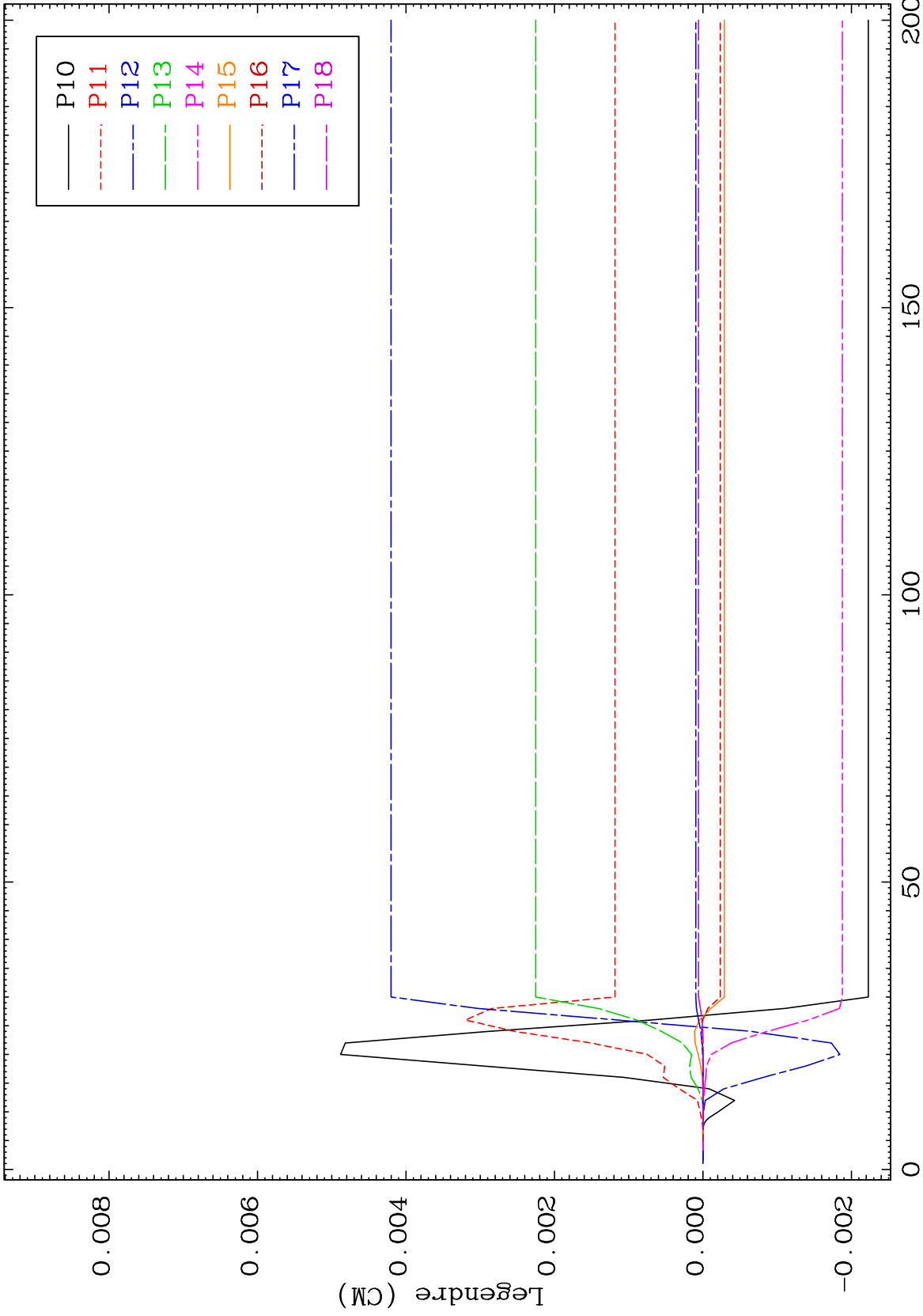
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



93

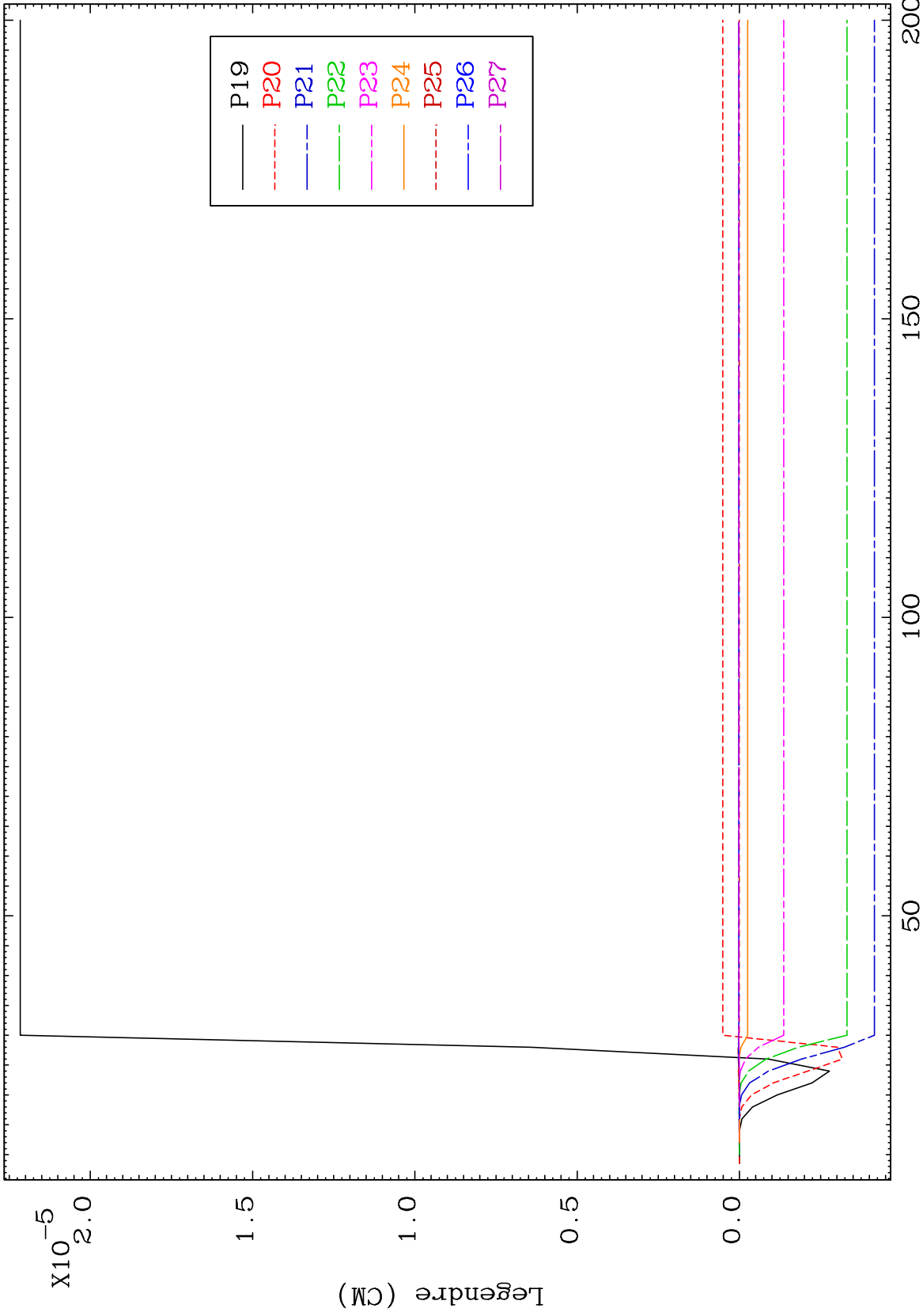
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



94

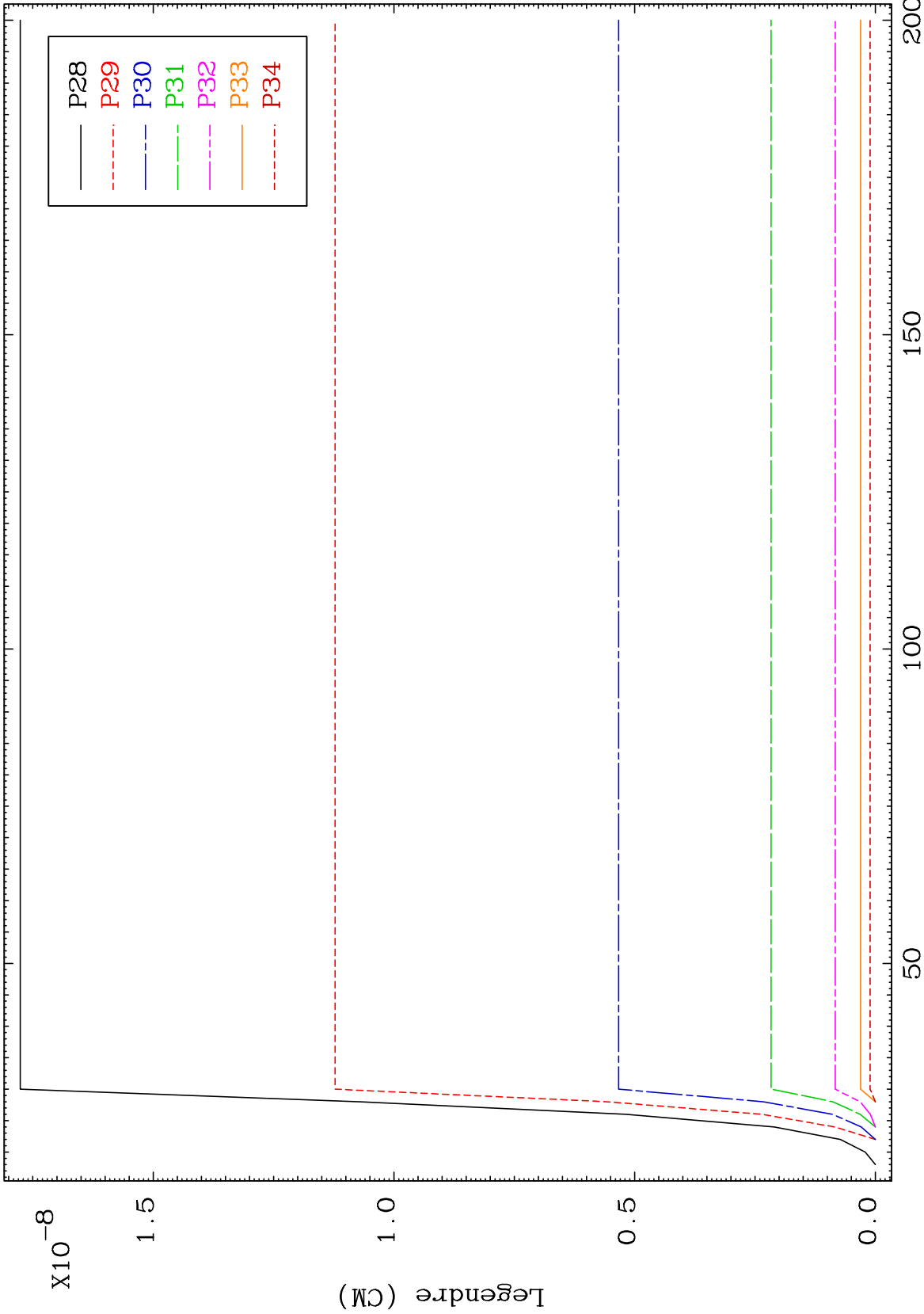
Incident Energy (MeV)

49-In-120

MAT 4946

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

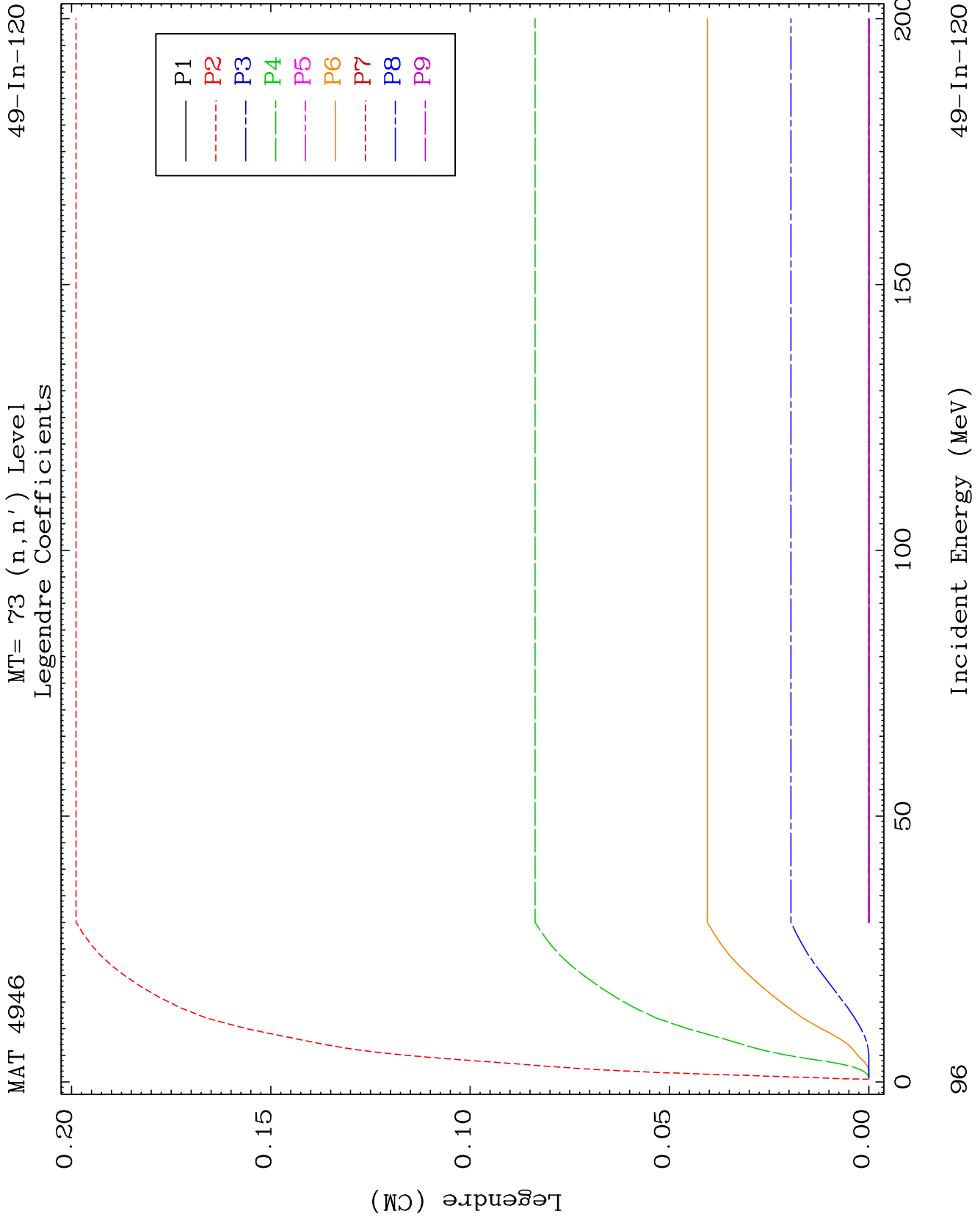
49-In-120



95

Incident Energy (MeV)

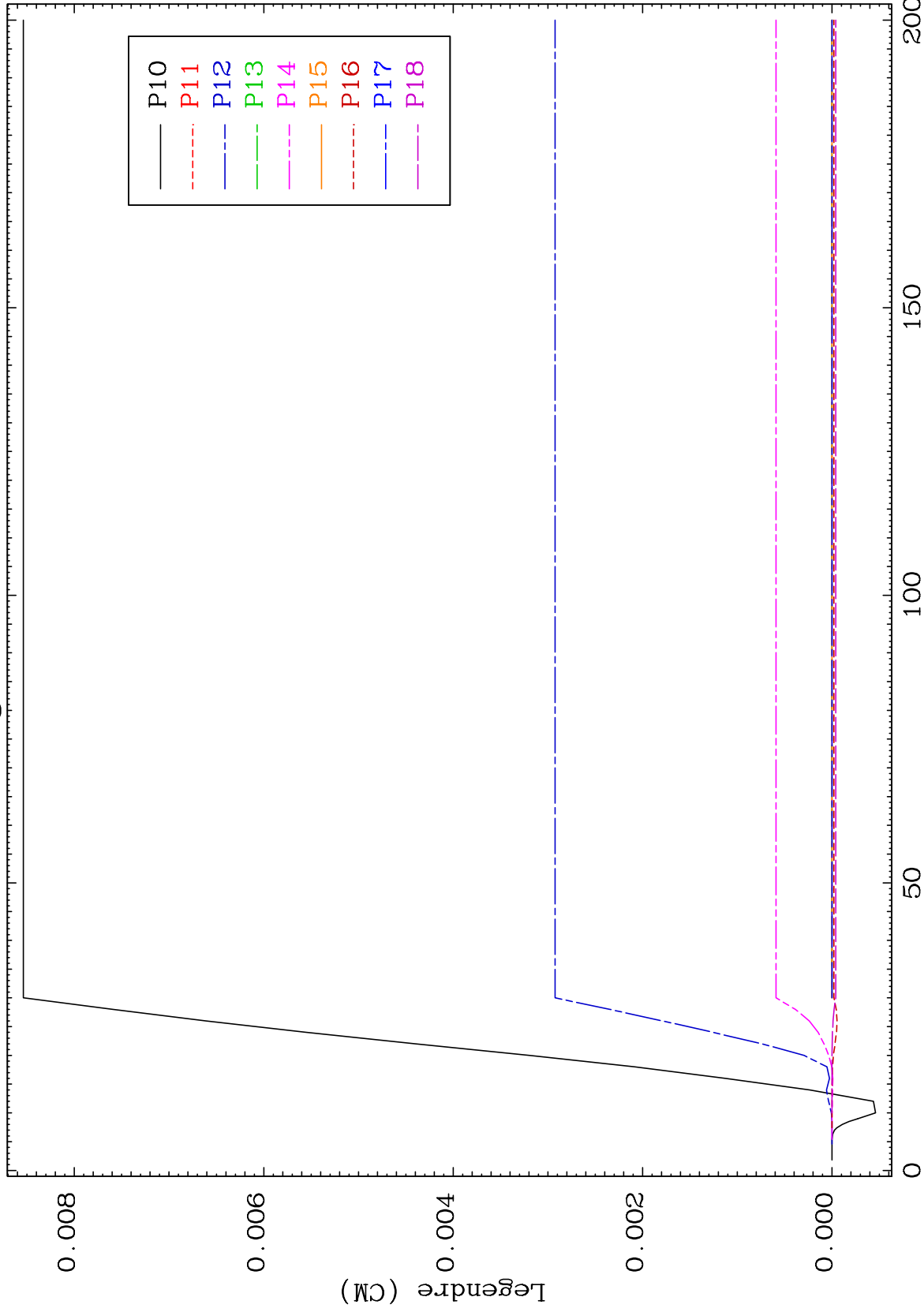
49-In-120



MAT 4946

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

49-In-120

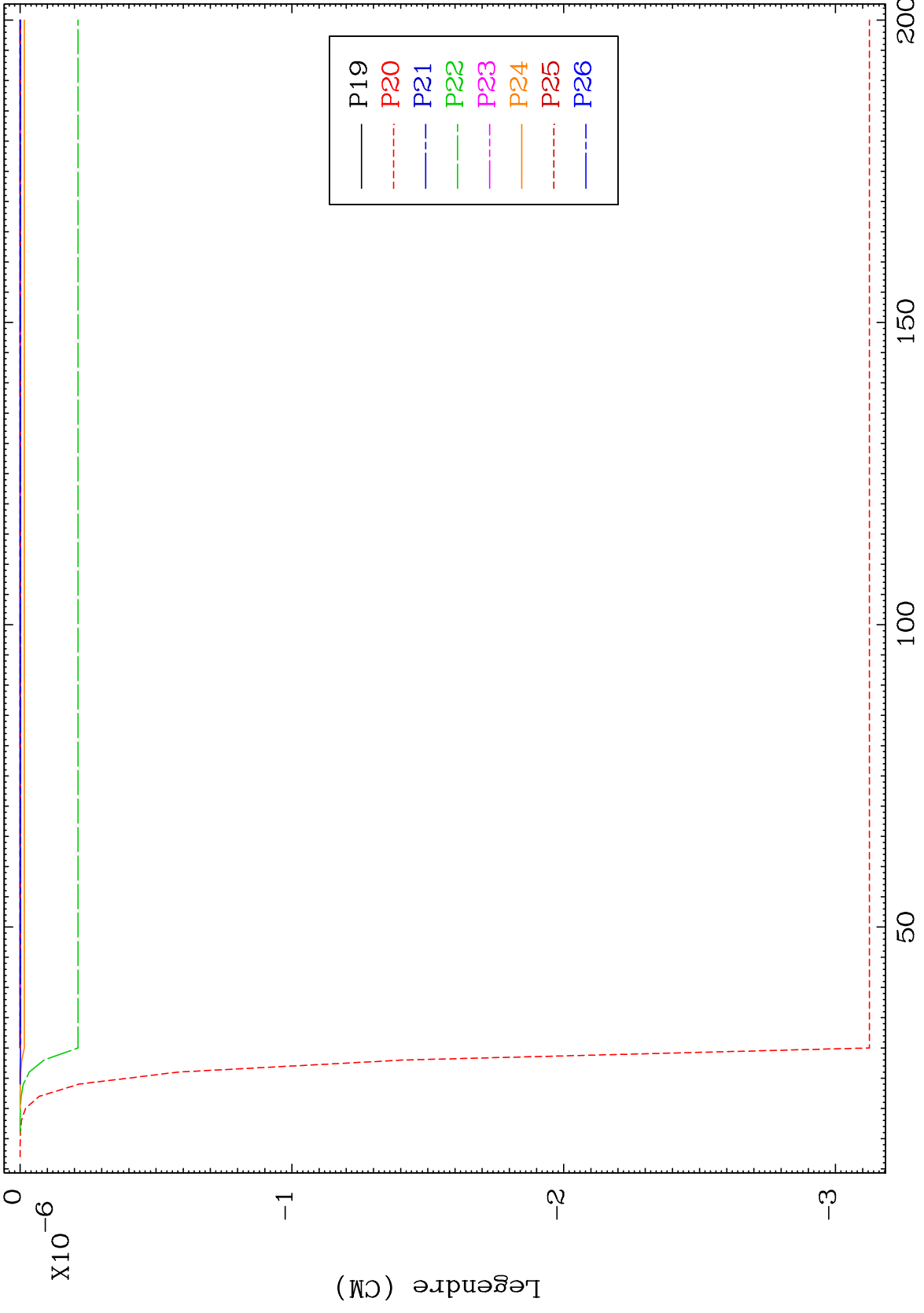


97

Incident Energy (MeV)

49-In-120

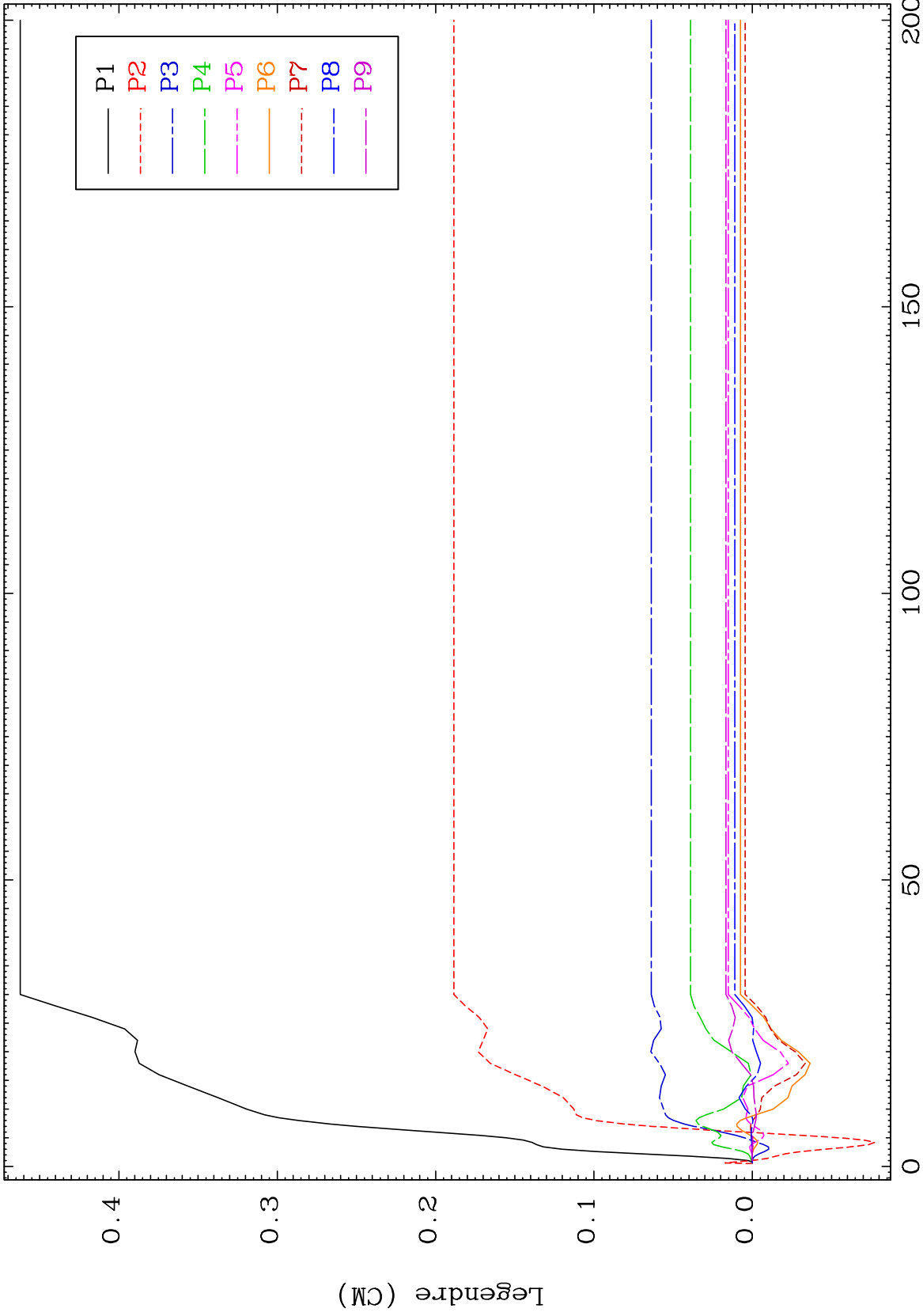
MAT 4946 MT= 73 (n,n') Level Legendre Coefficients 49-In-120



MAT 4946

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

49-In-120



99

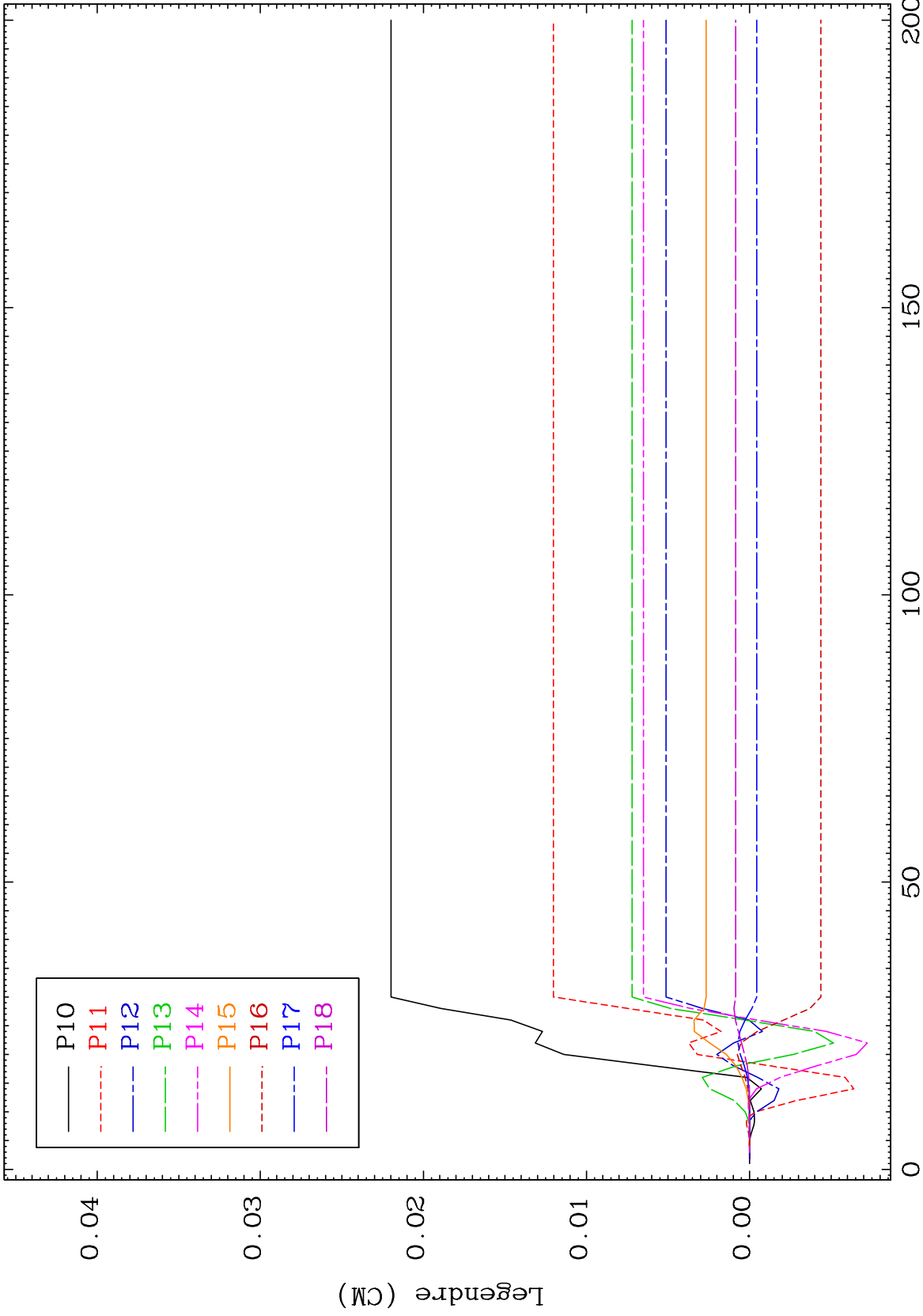
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



49-In-120

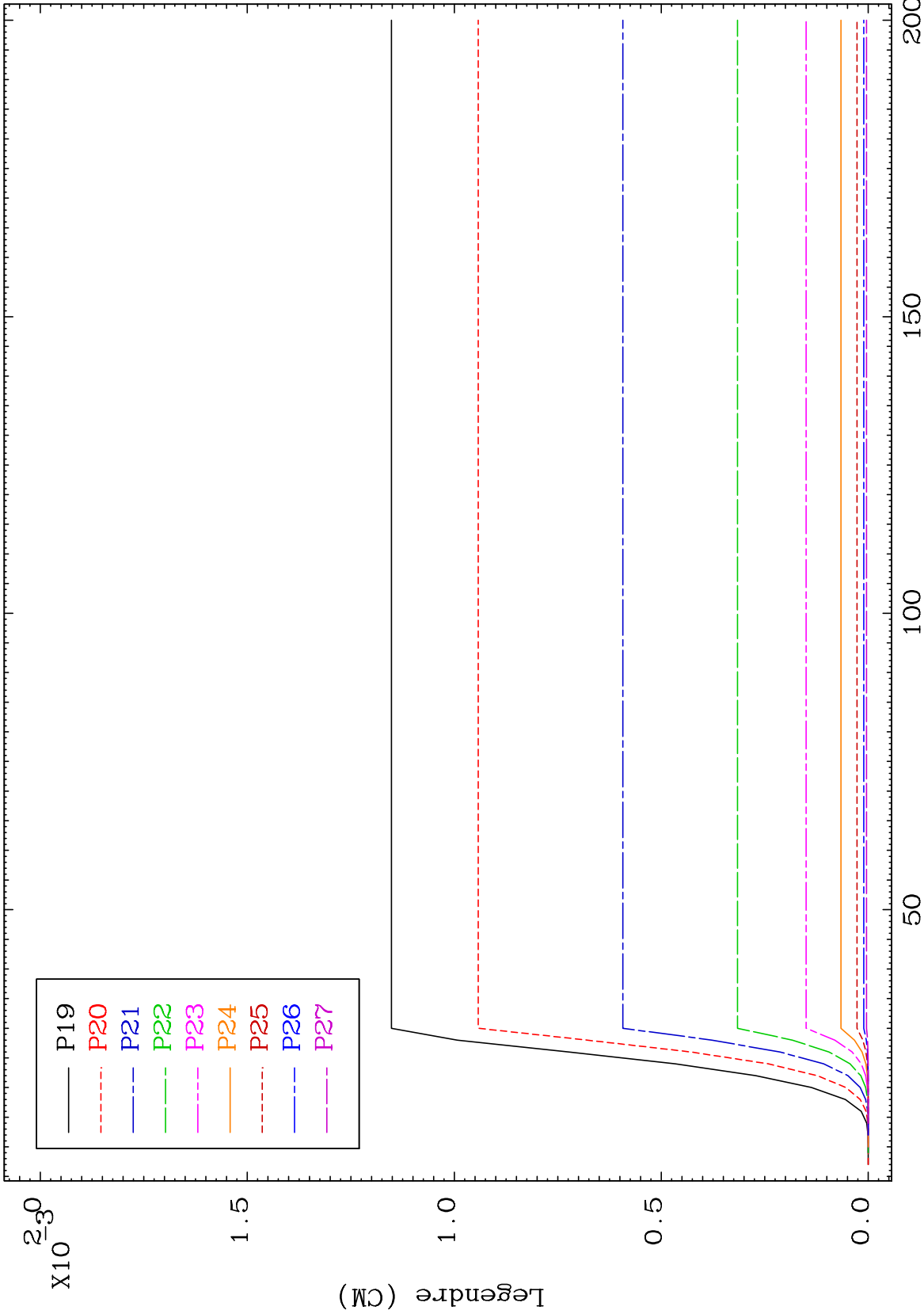
Incident Energy (MeV)

Legendre (CM)

MAT 4946

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

49-In-120



101

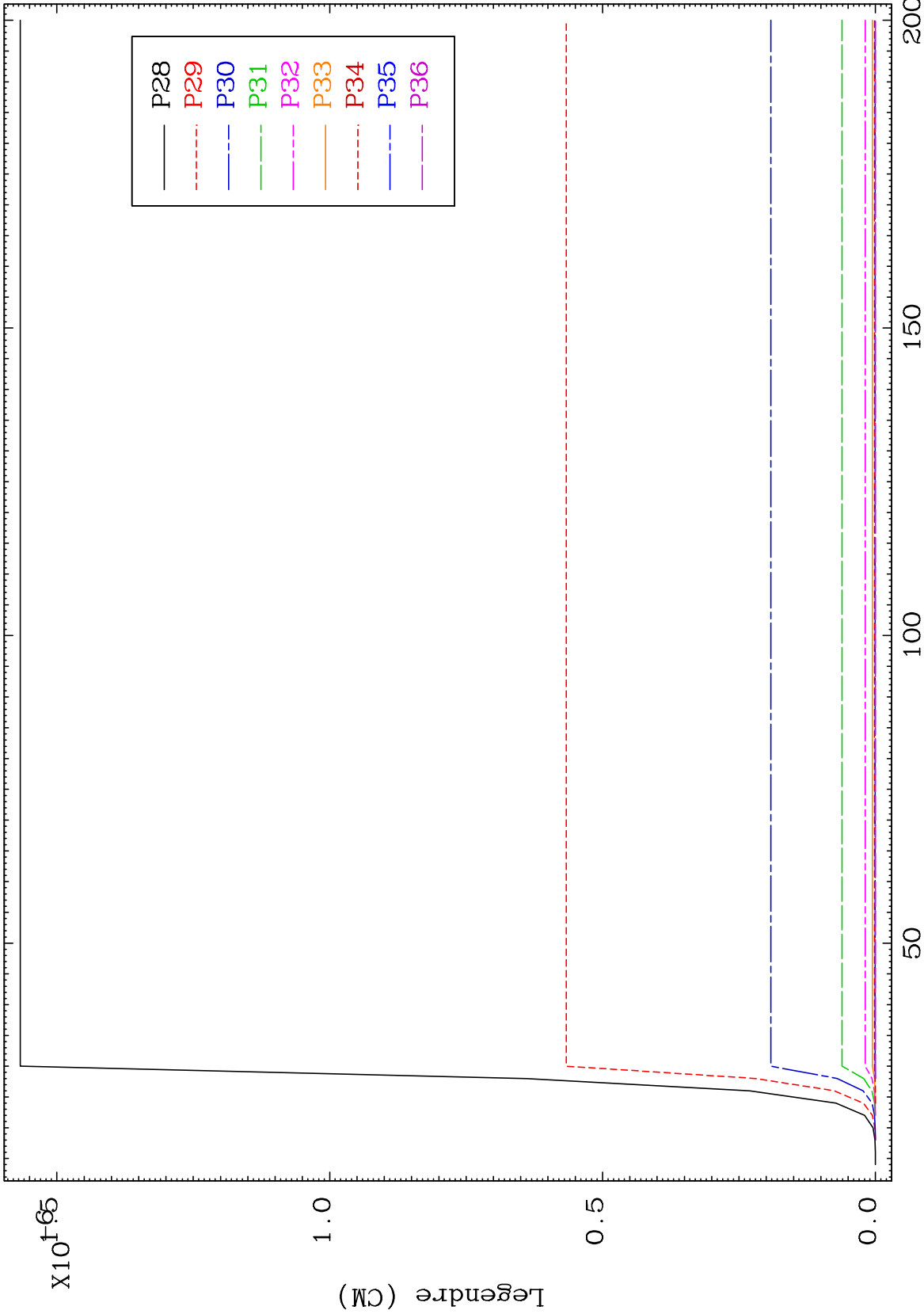
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120

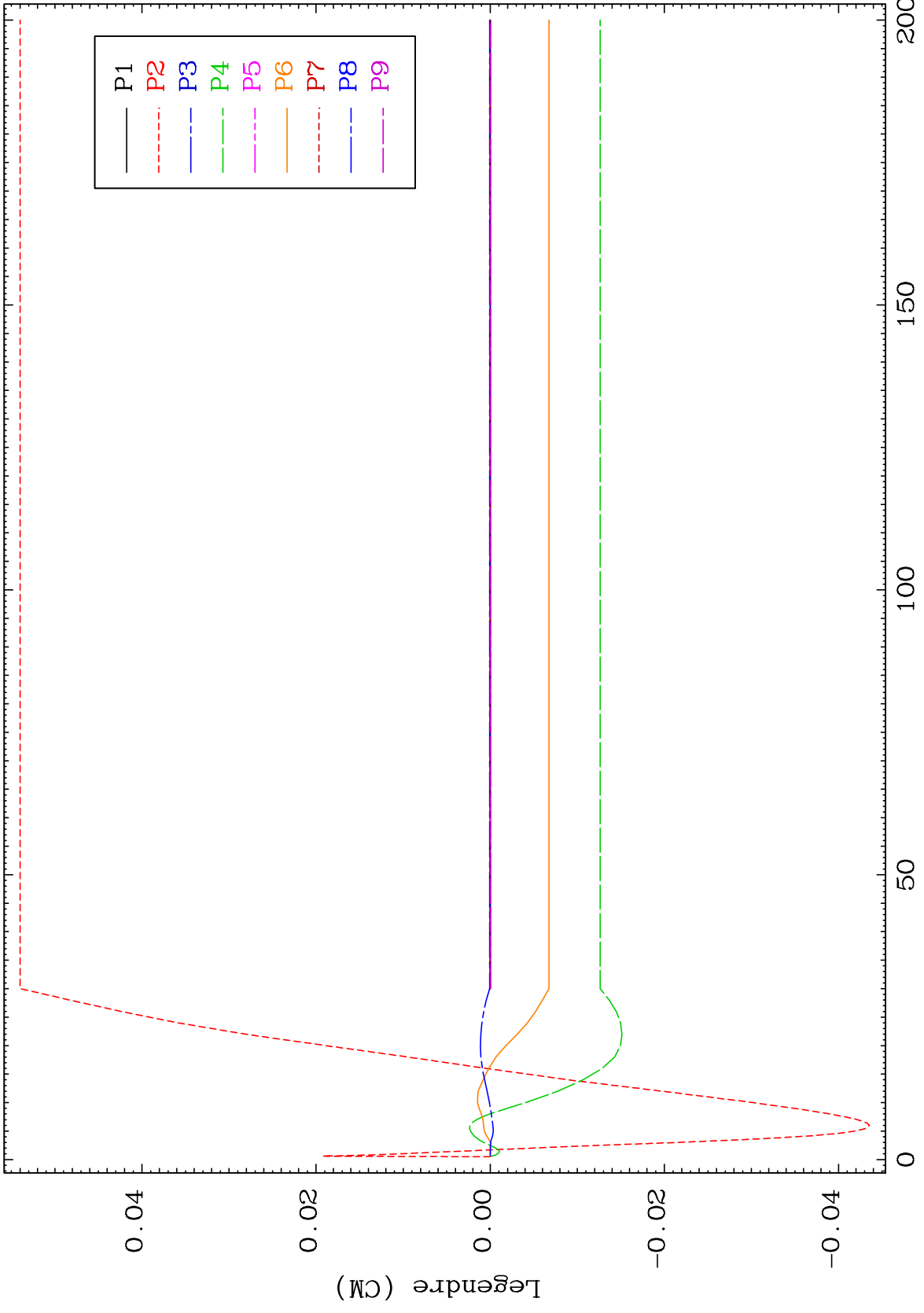


102

Incident Energy (MeV)

49-In-120

MAT 4946 MT= 75 (n,n') Level Legendre Coefficients 49-In-120

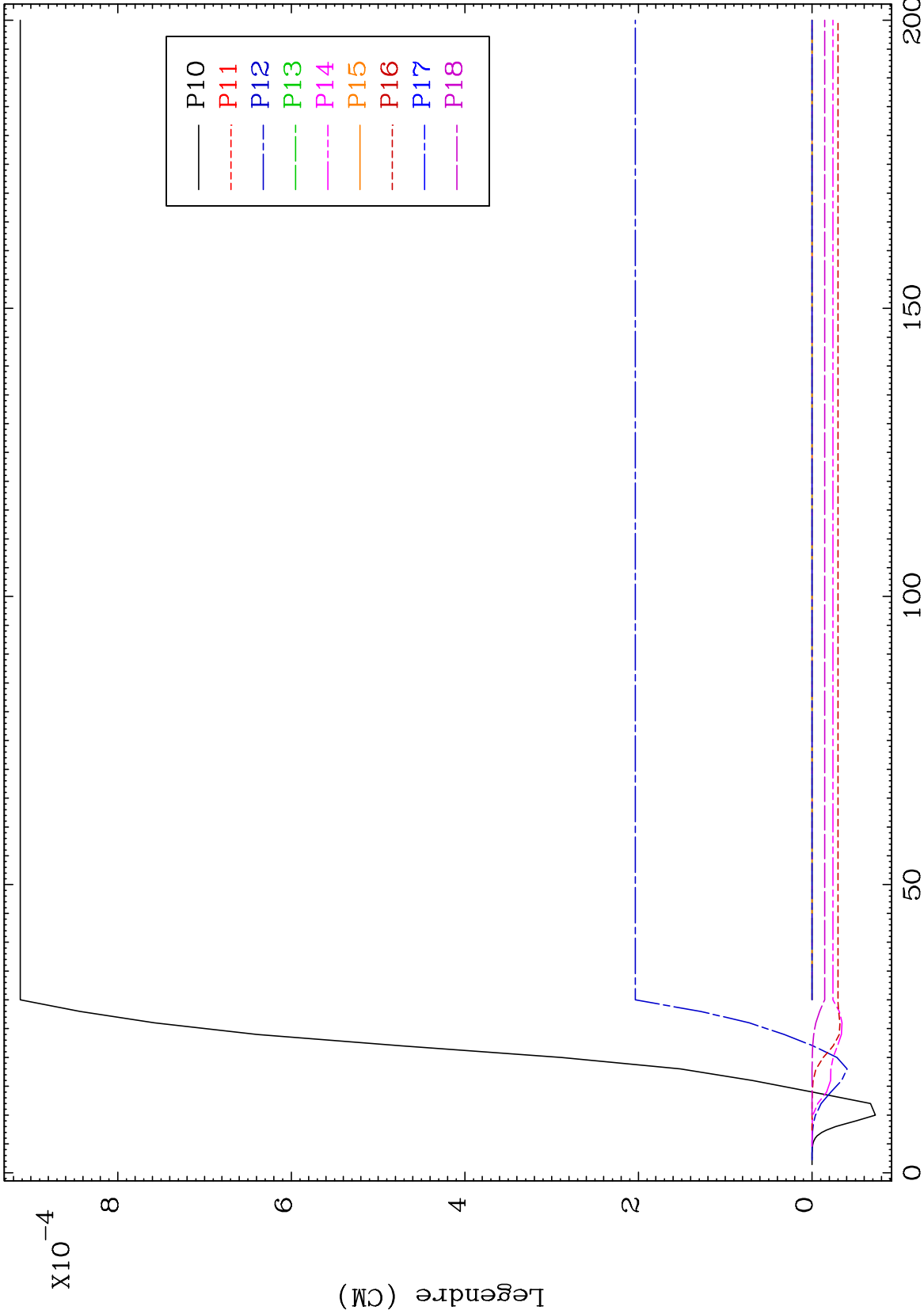


103 49-In-120

MAT 4946

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

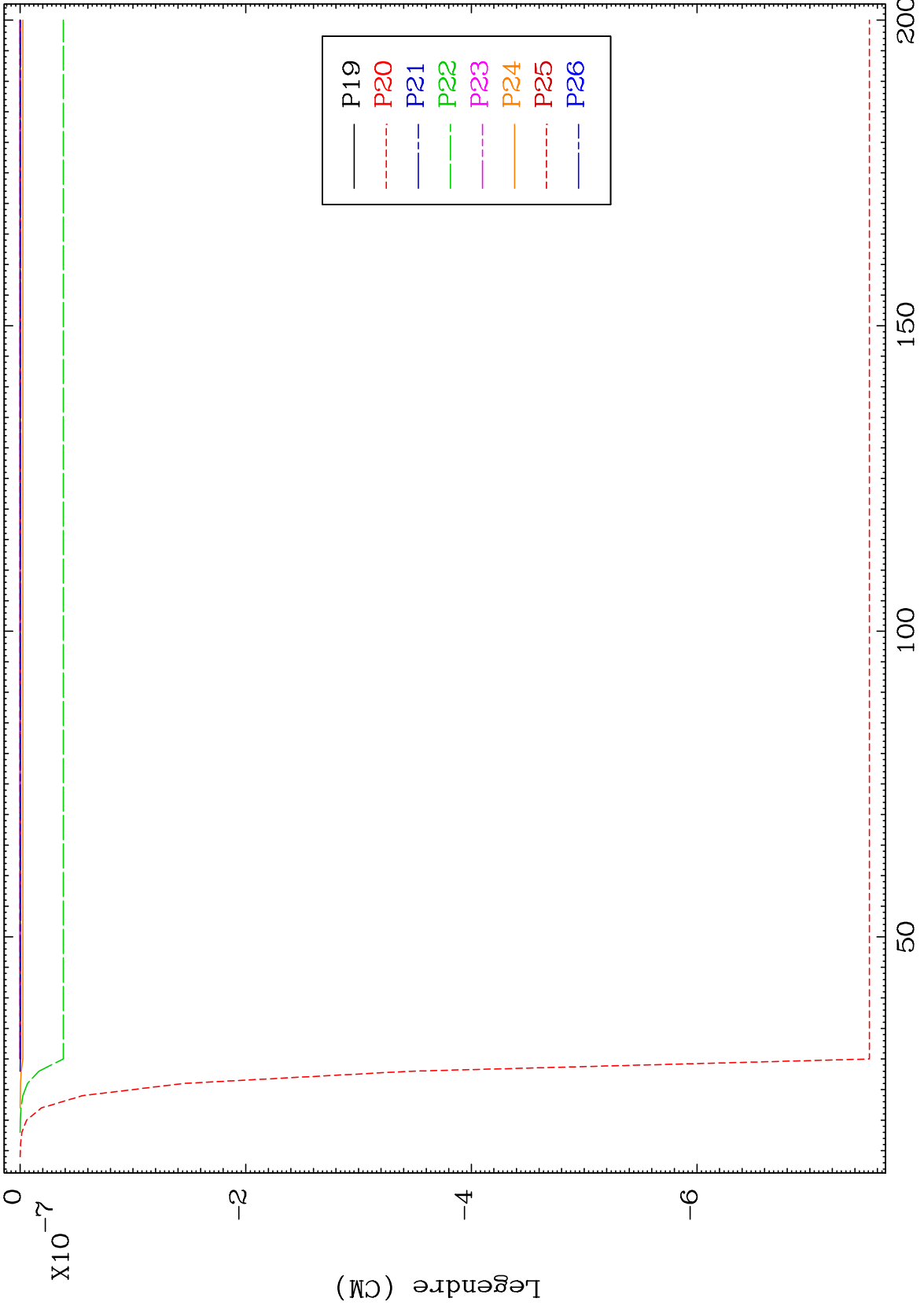
49-In-120



104

49-In-120

MAT 4946 MT= 75 (n,n') Level Legendre Coefficients 49-In-120

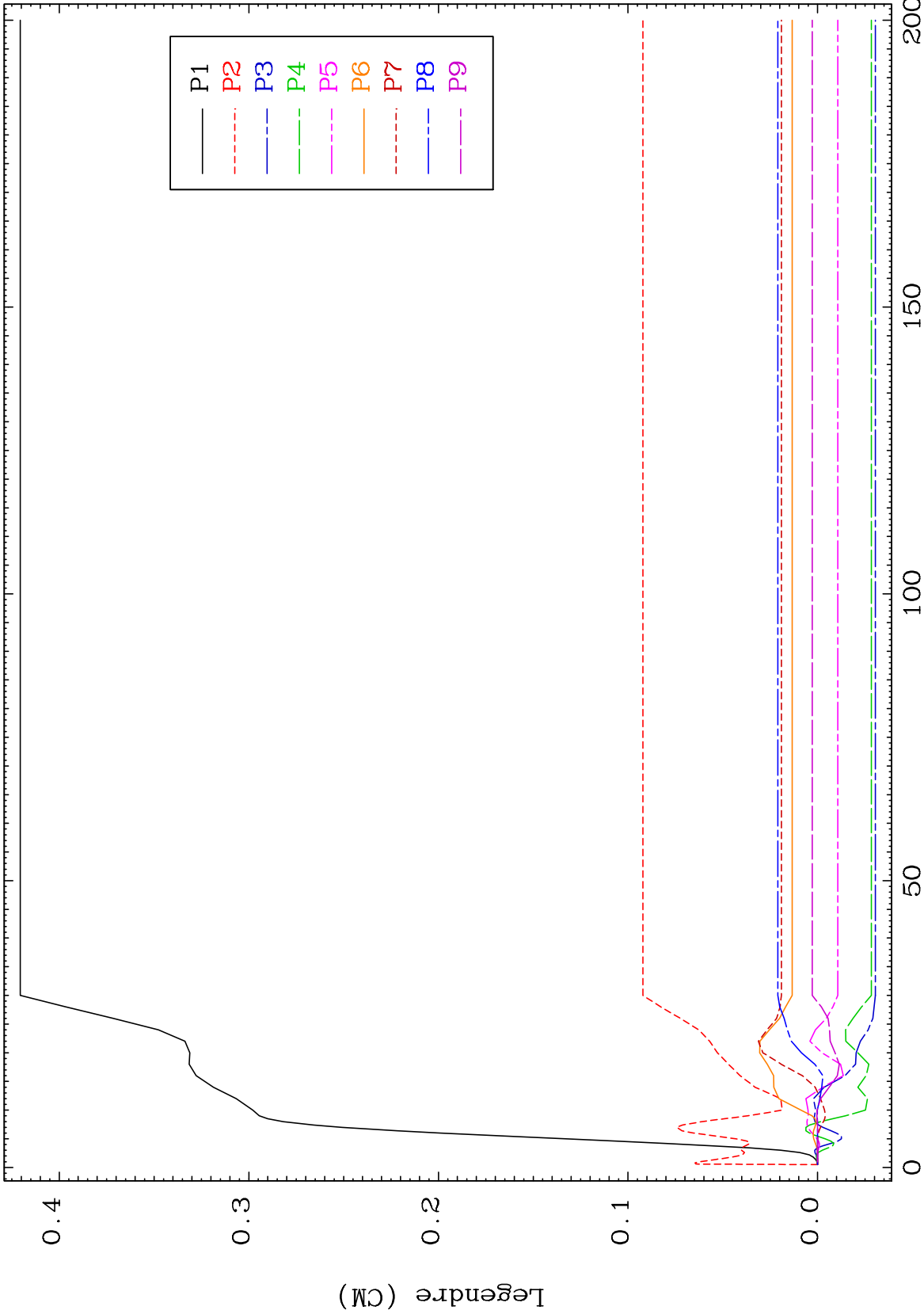


105 50 100 150 200 49-In-120

MAT 4946

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

49-In-120



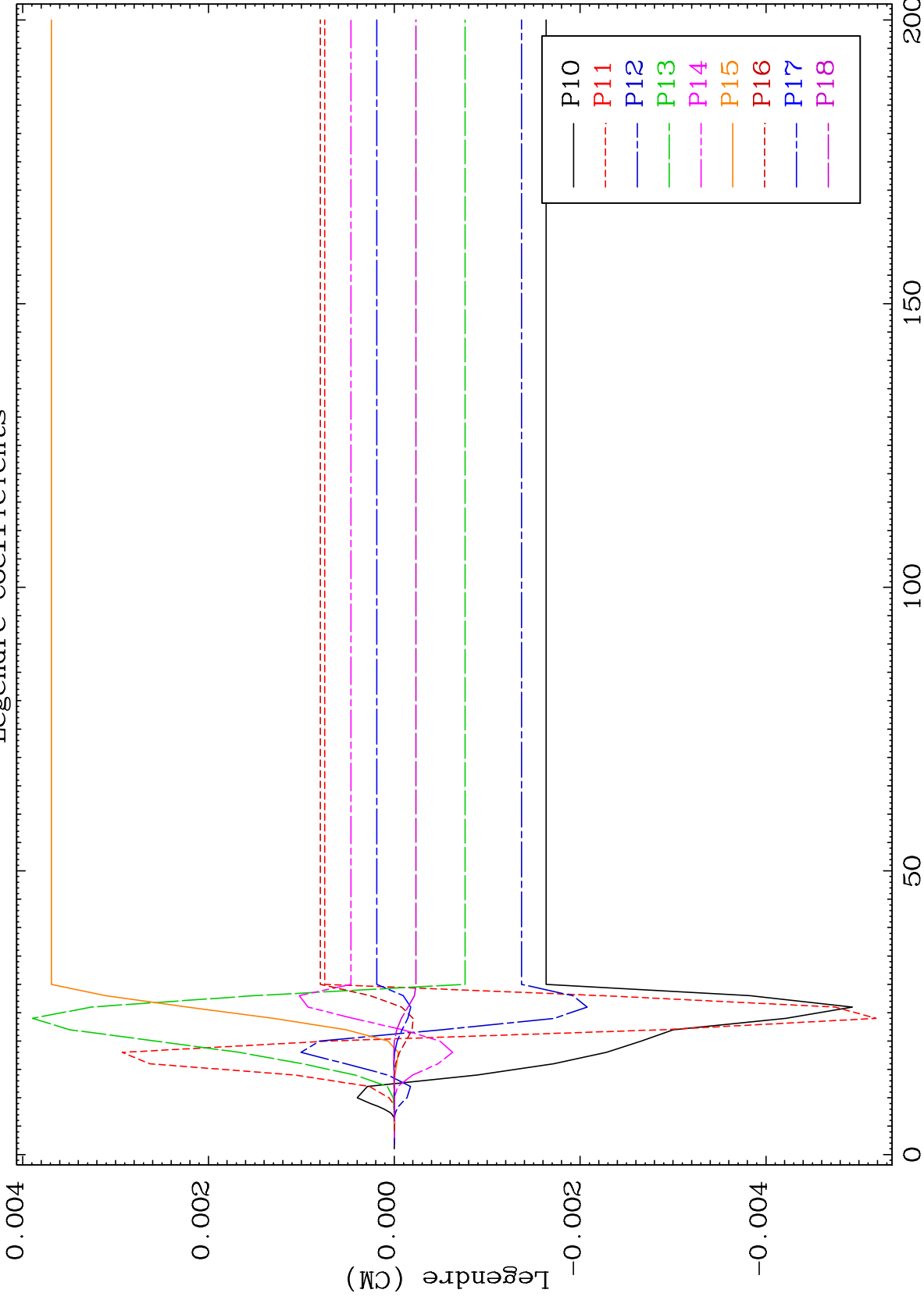
106

Incident Energy (MeV)

49-In-120

MAT 4946 MT= 76 (n,n') Level Legendre Coefficients

49-In-120



49-In-120

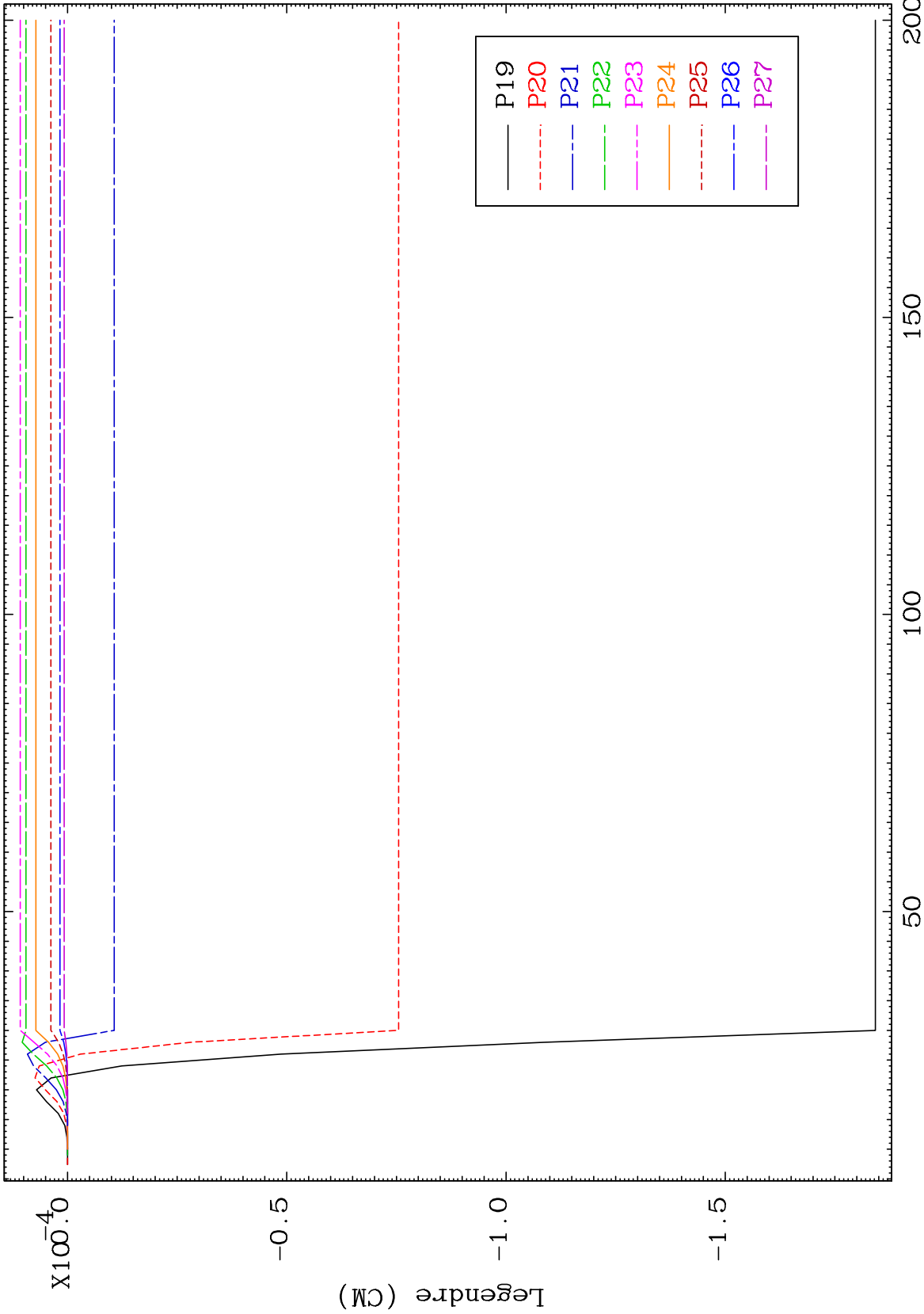
Incident Energy (MeV)

107

MAT 4946

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

49-In-120



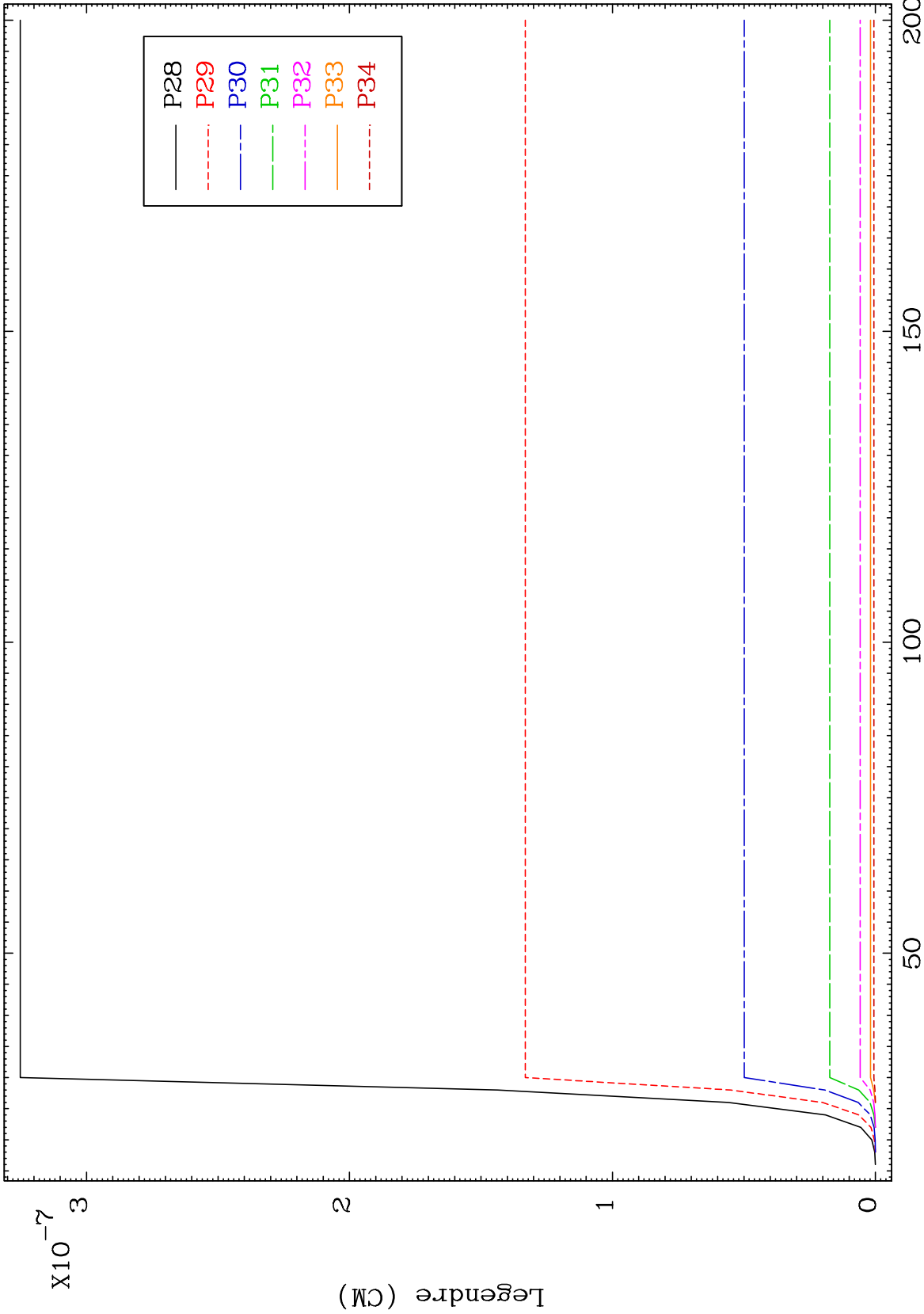
108

49-In-120

MAT 4946

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

49-In-120

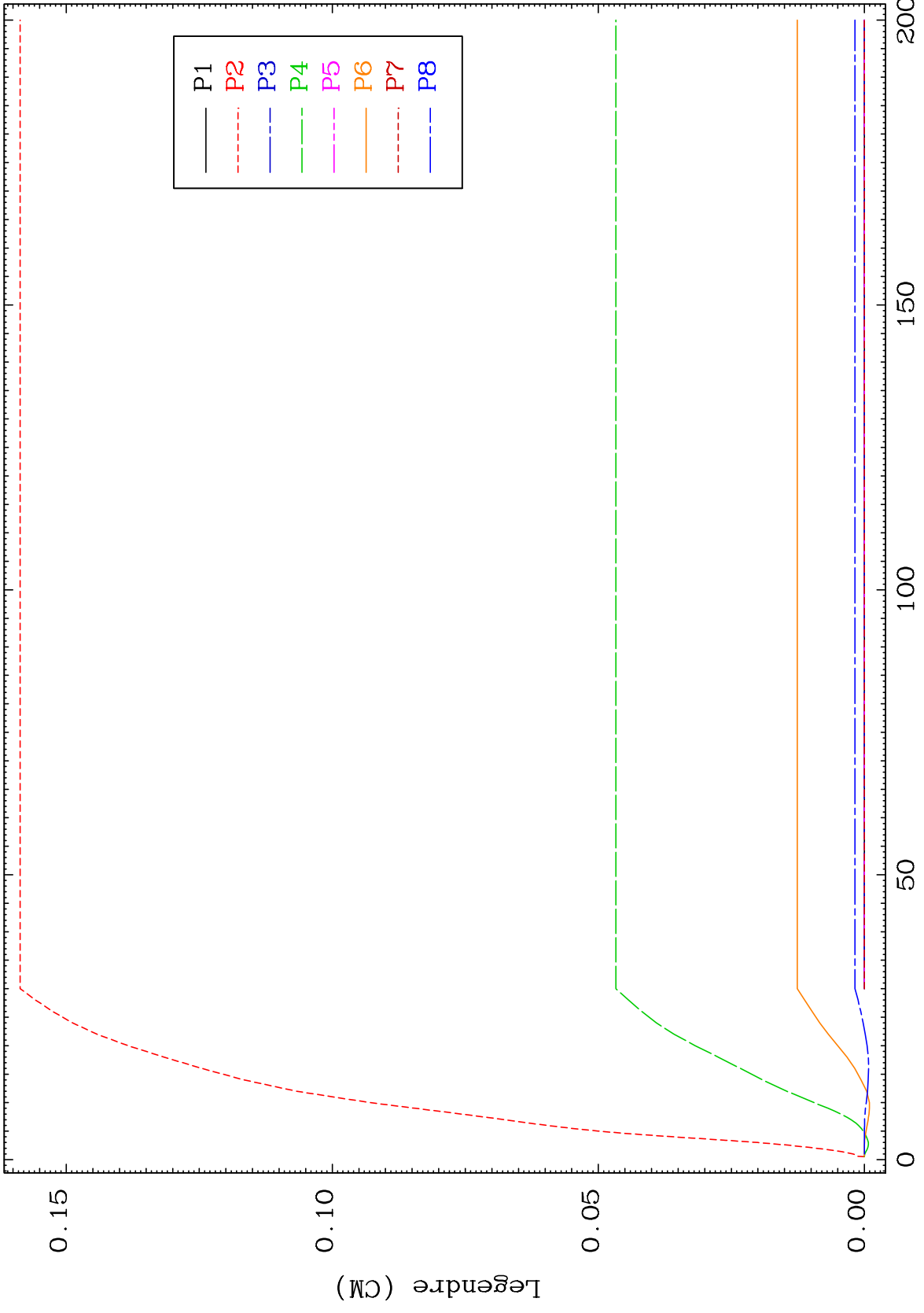


109

Incident Energy (MeV)

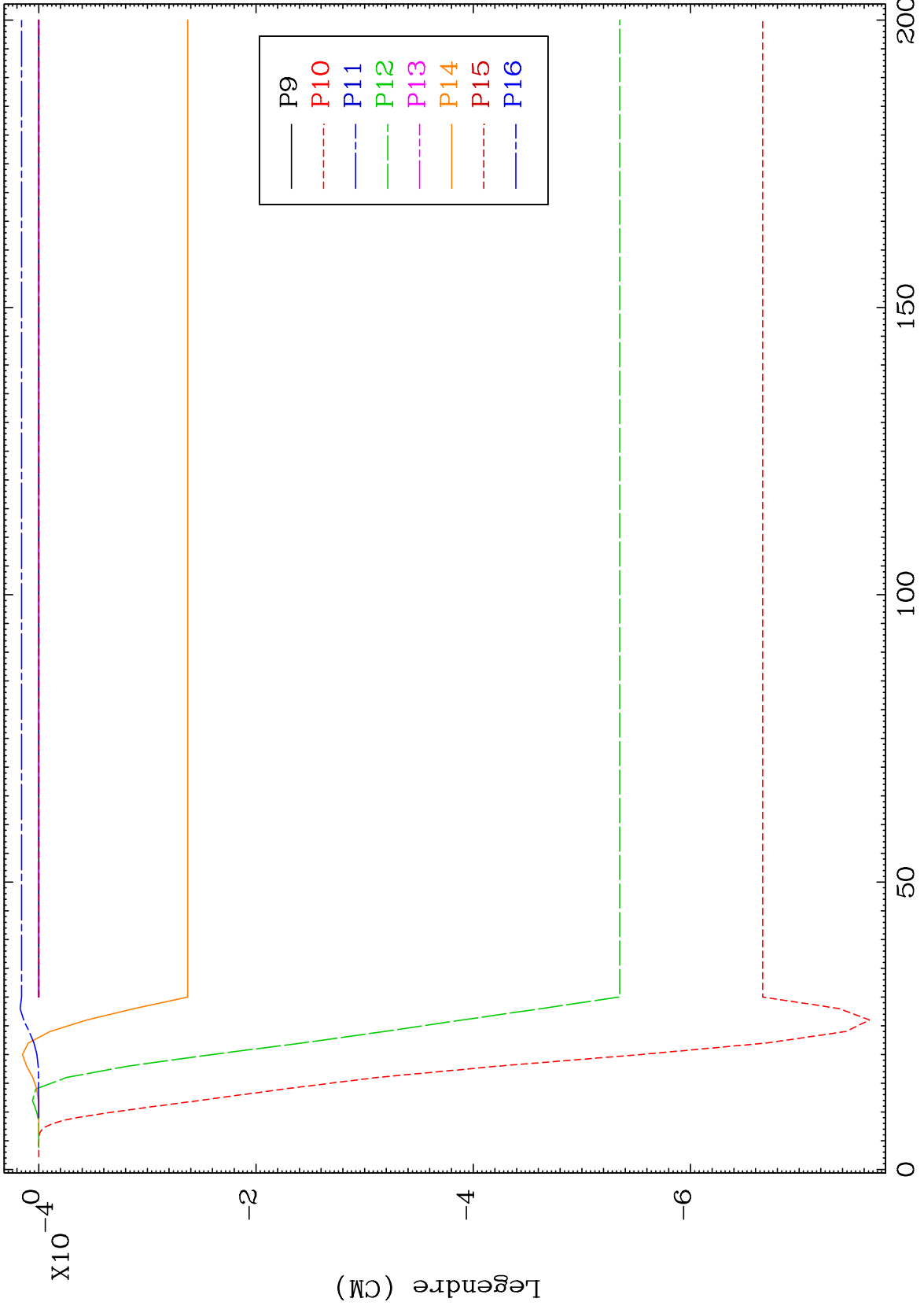
49-In-120

MAT 4946 MT= 77 (n,n') Level Legendre Coefficients 49-In-120

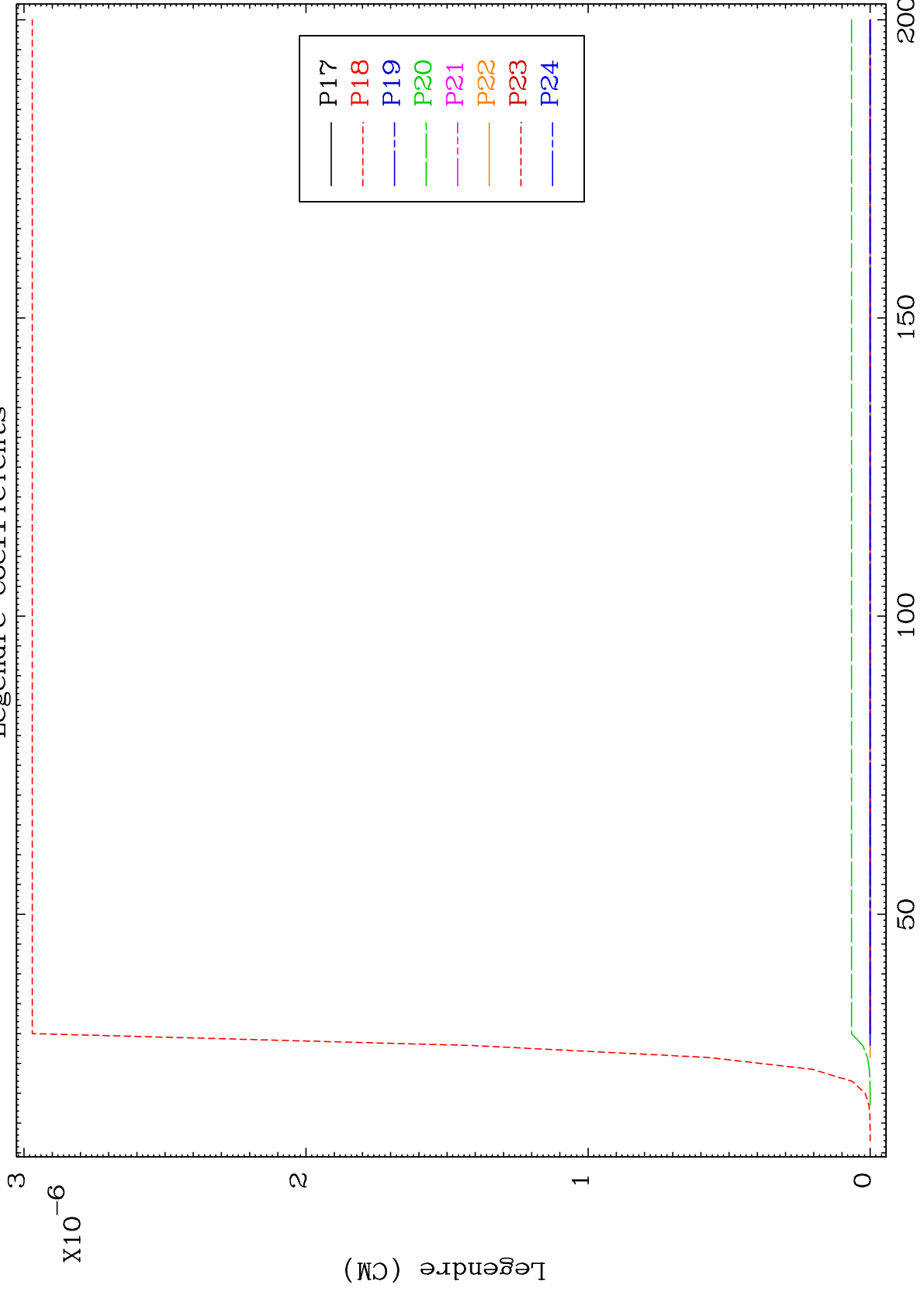


Incident Energy (MeV) 49-In-120

MAT 4946 MT= 77 (n,n') Level Legendre Coefficients 49-In-120



MAT 4946 MT= 77 (n,n') Level Legendre Coefficients 49-In-120

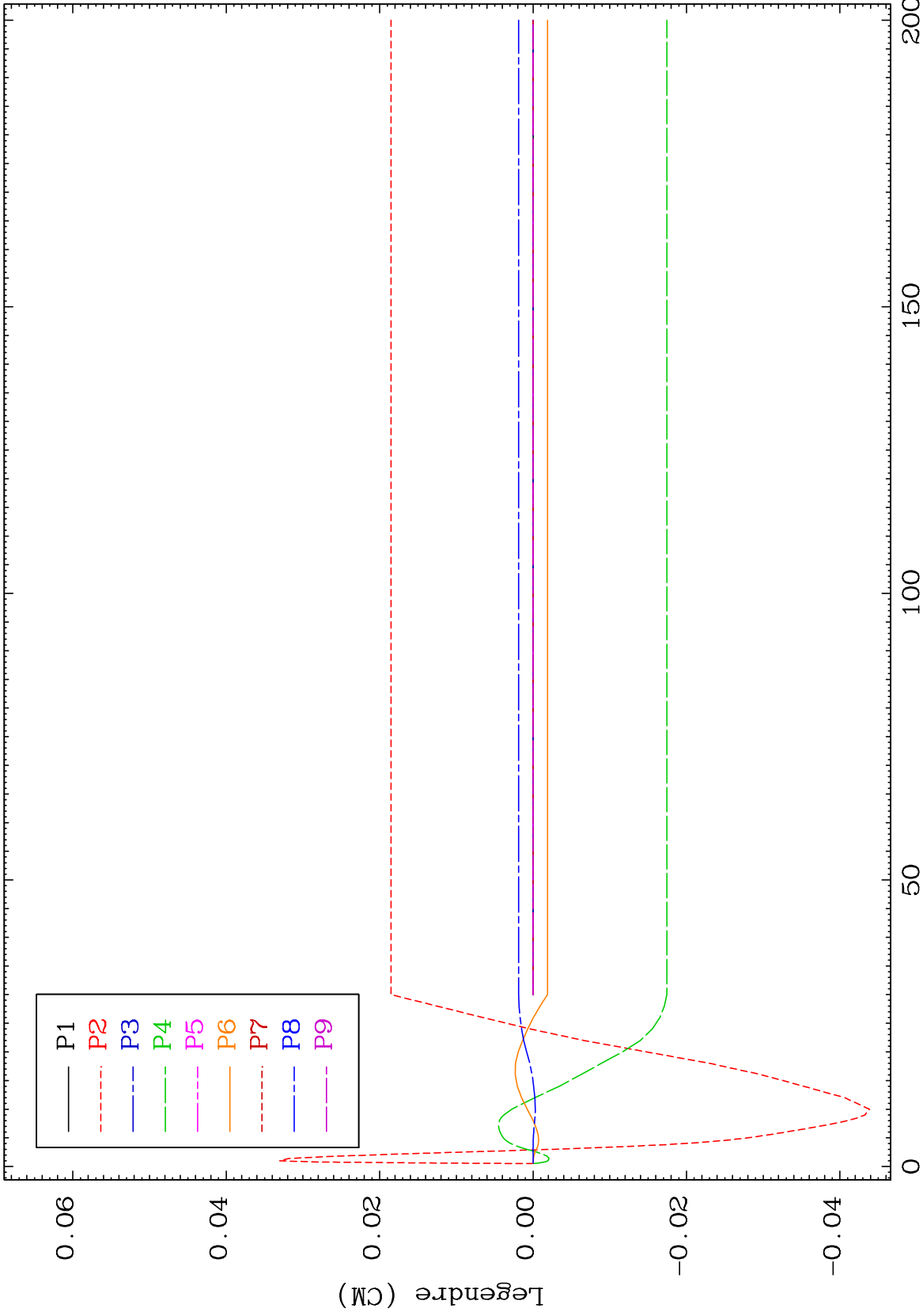


112 Incident Energy (MeV) 49-In-120

MAT 4946

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

49-In-120



113

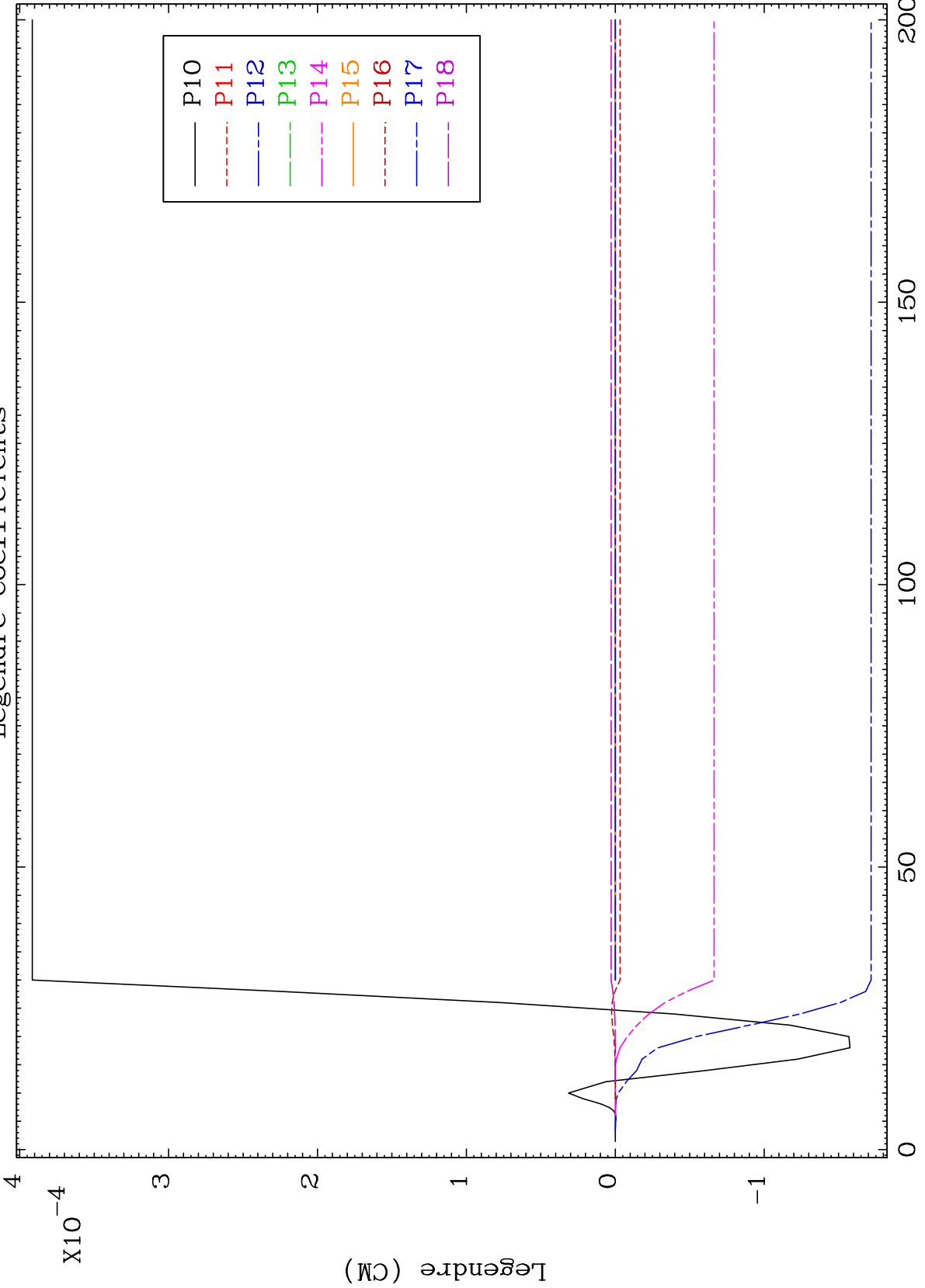
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



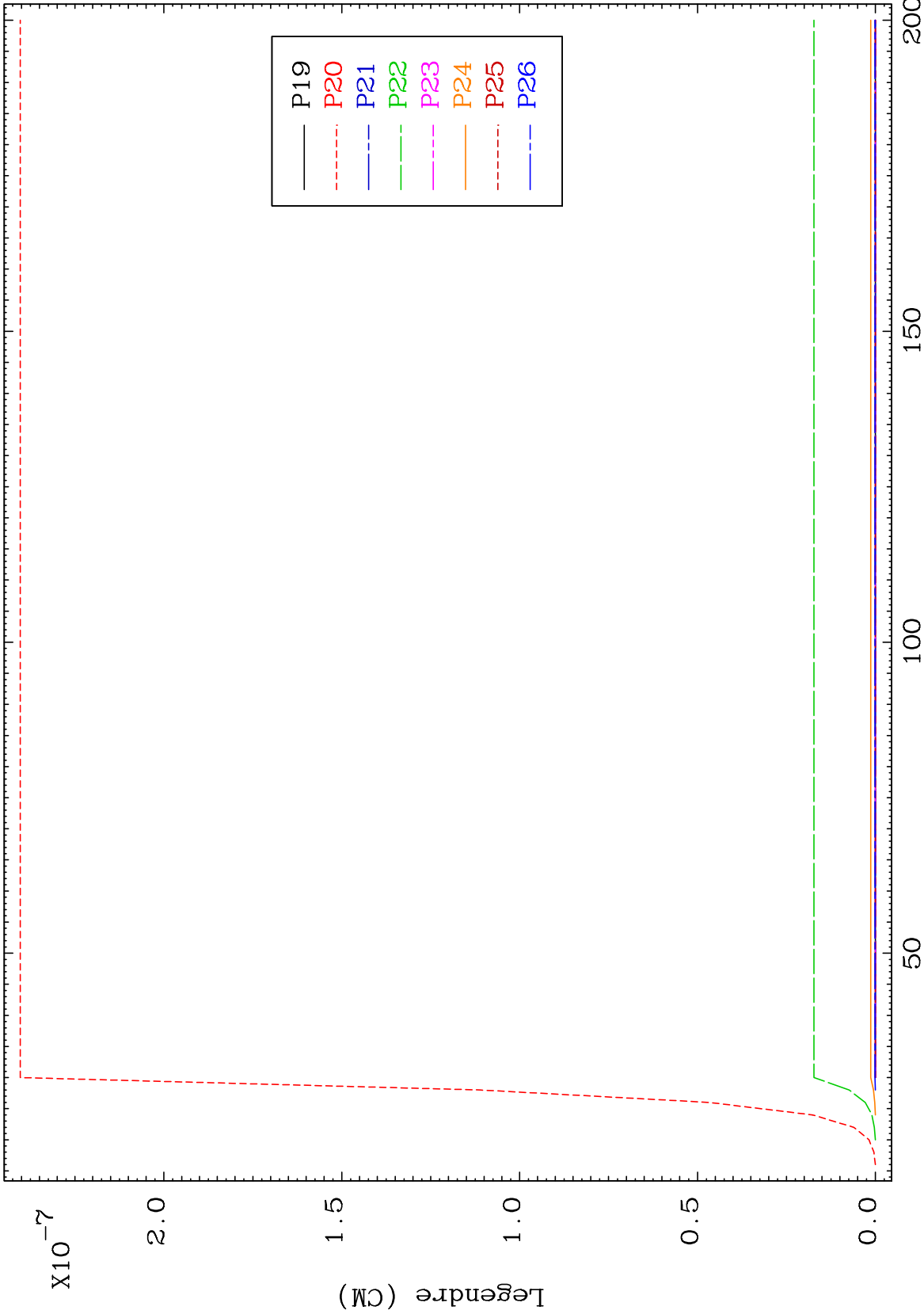
114

49-In-120

MAT 4946

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

49-In-120



115

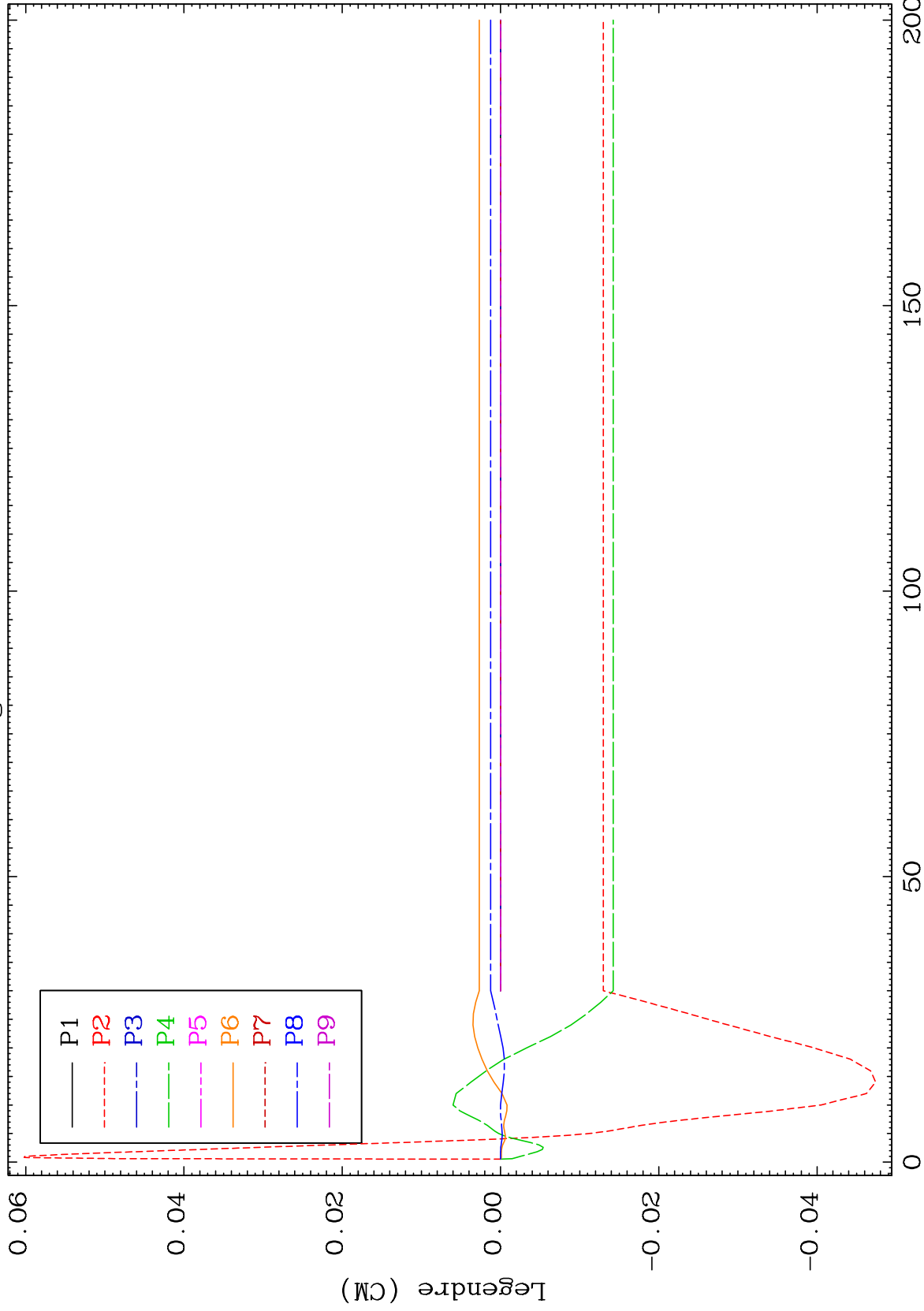
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



116

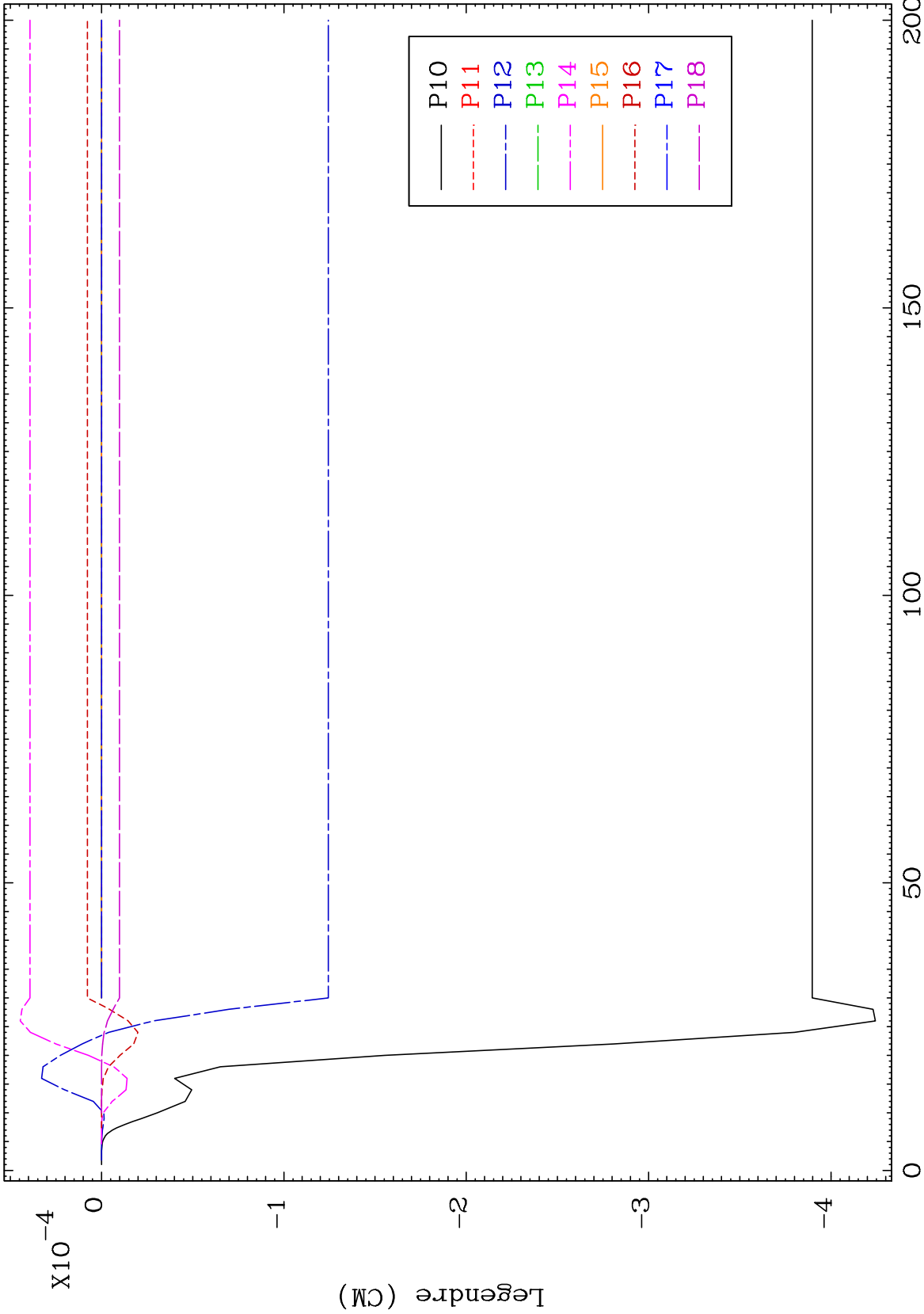
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120

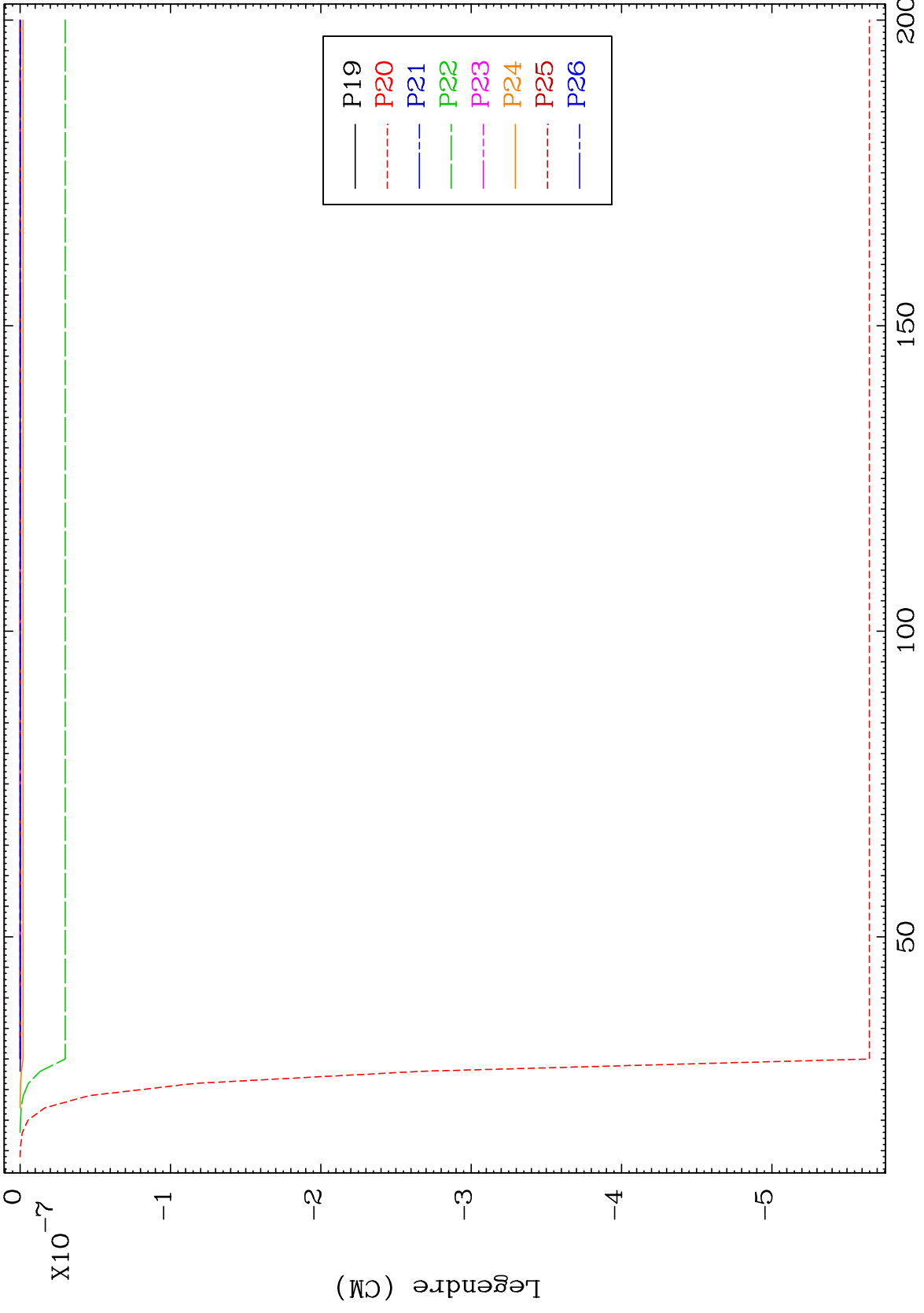


117

Incident Energy (MeV)

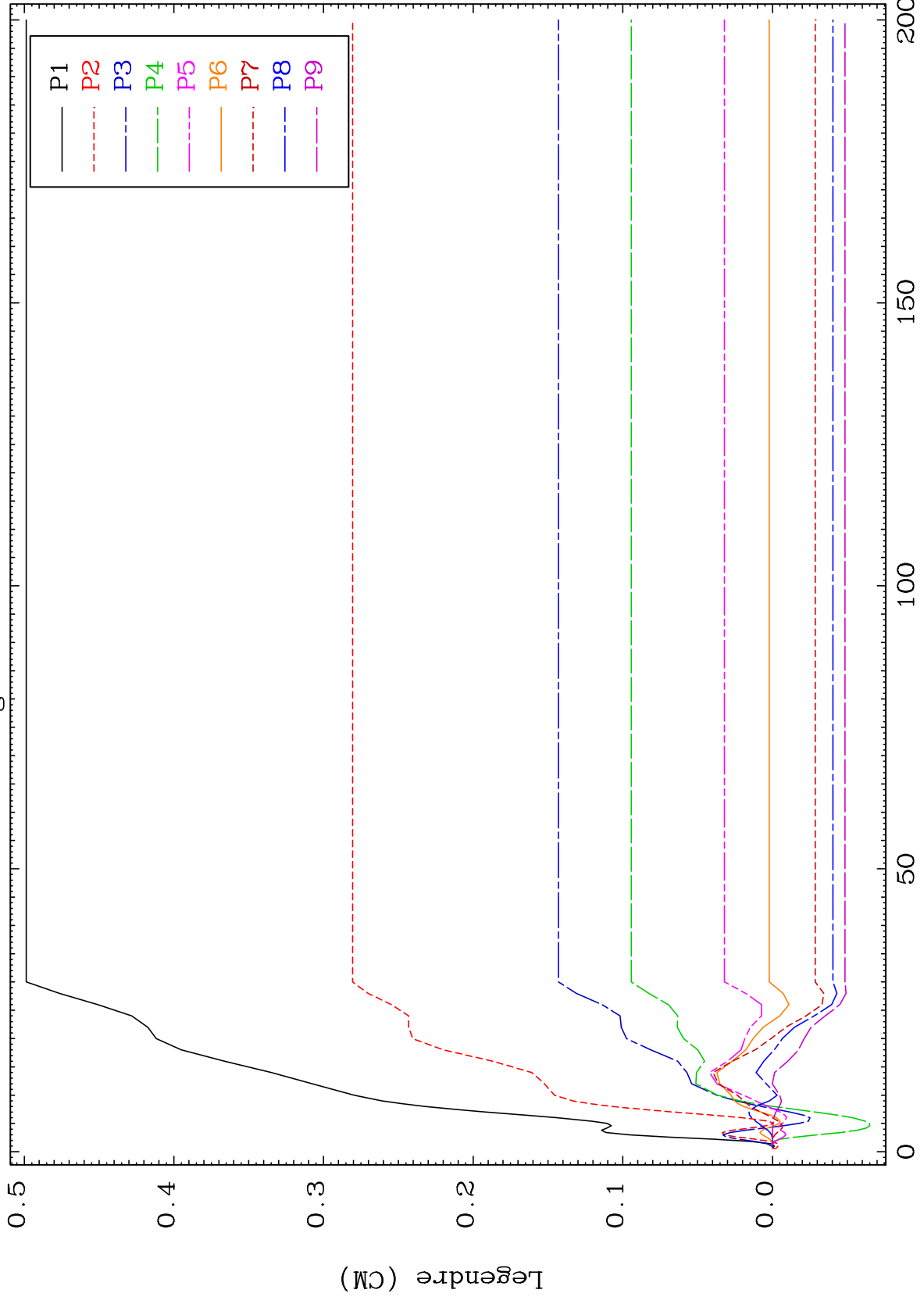
49-In-120

MAT 4946 MT= 79 (n,n') Level Legendre Coefficients 49-In-120

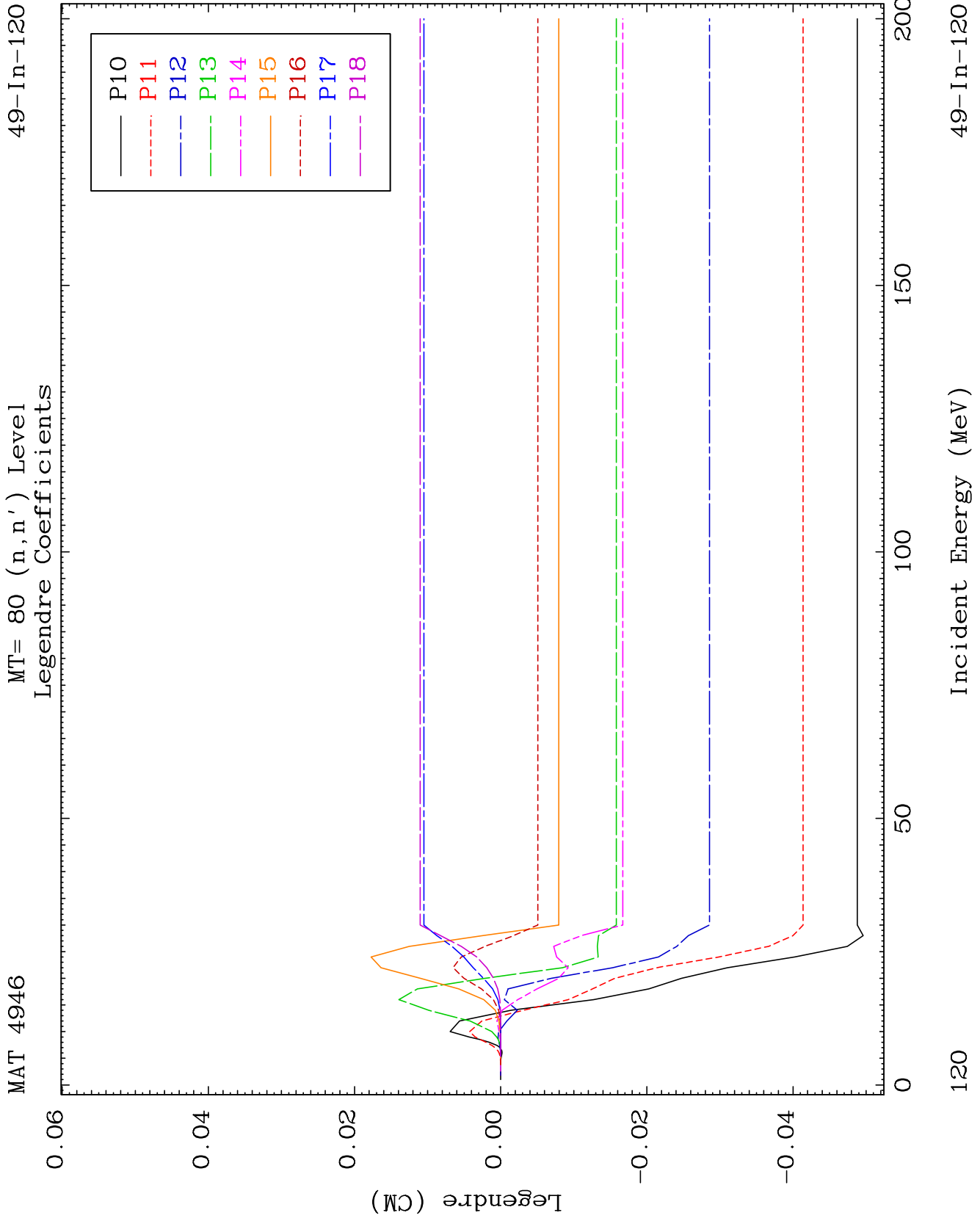


118 49-In-120

MAT 4946 MT= 80 (n,n') Level Legendre Coefficients 49-In-120



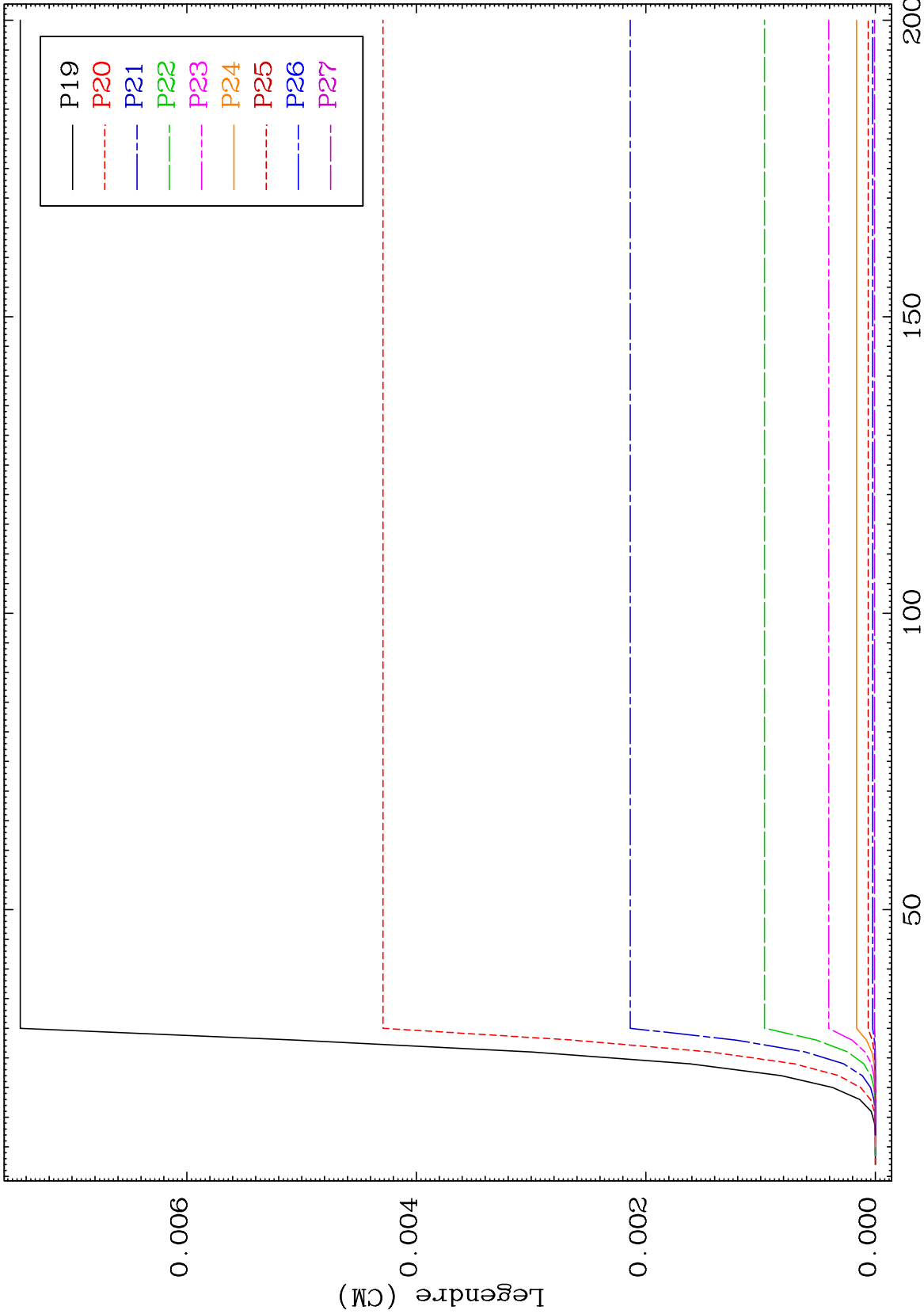
119 49-In-120



MAT 4946

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

49-In-120



121

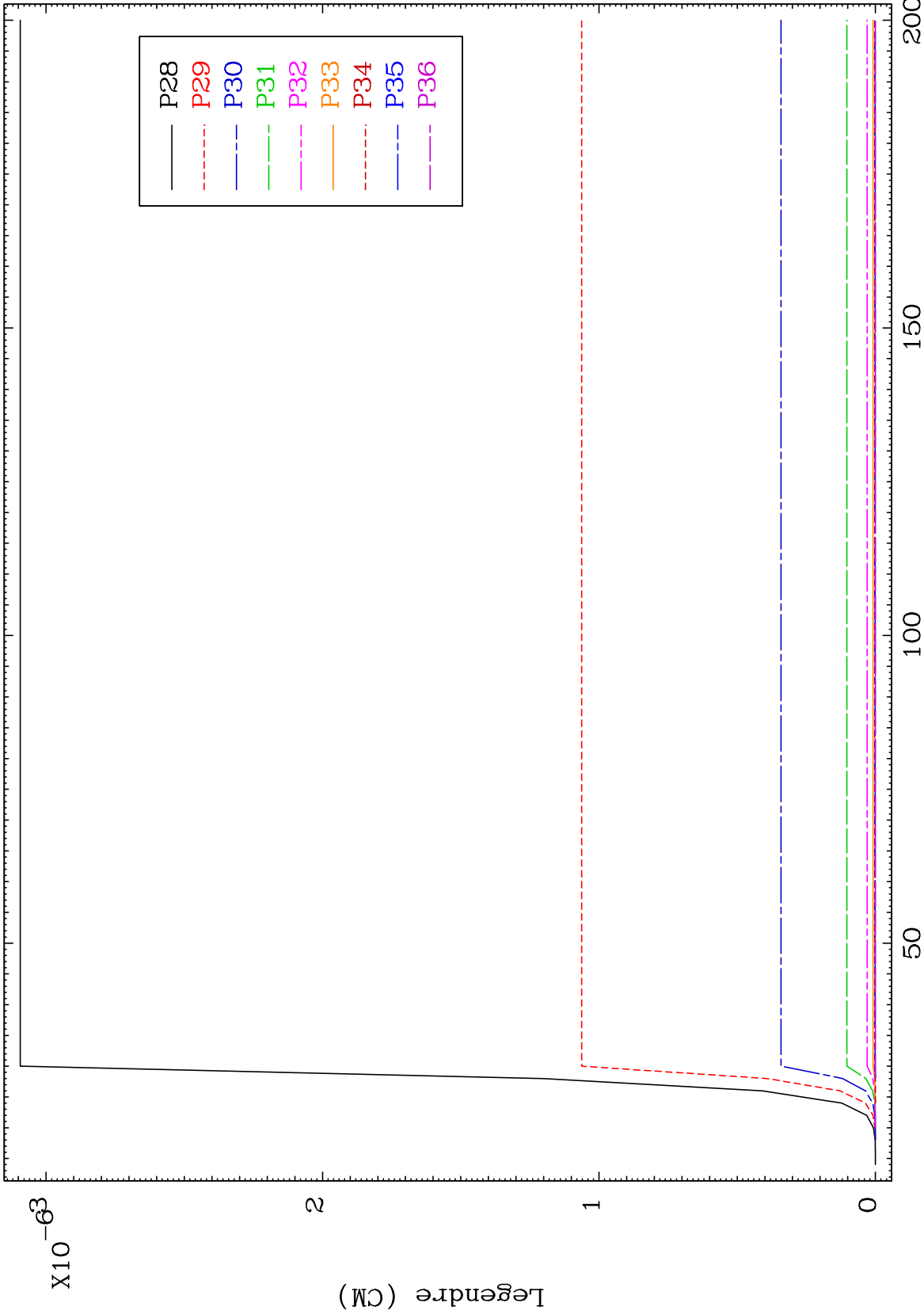
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



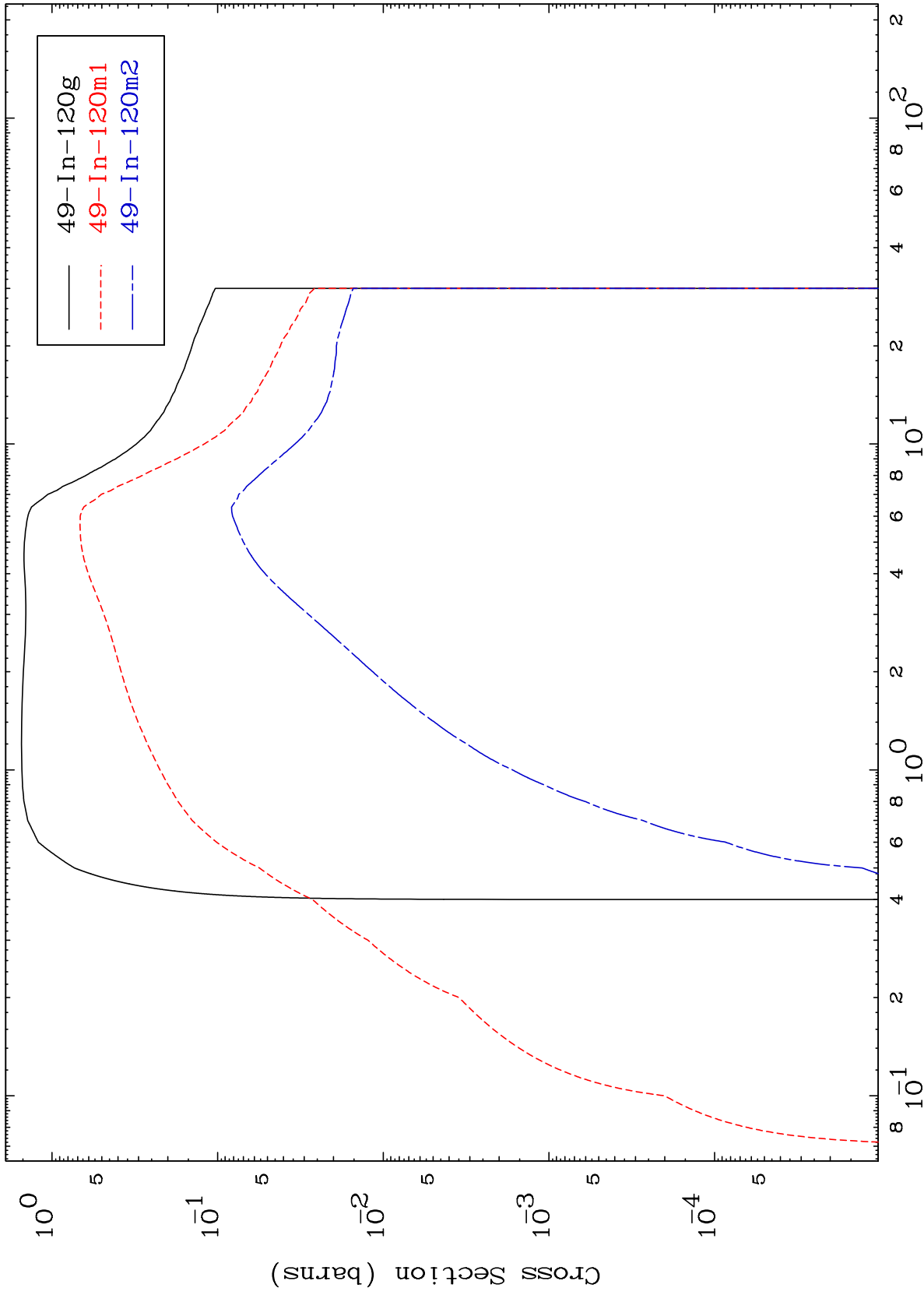
122

49-In-120

MAT 4946

49-In-120

Inelastic Radionuclide Production Cross Section



123

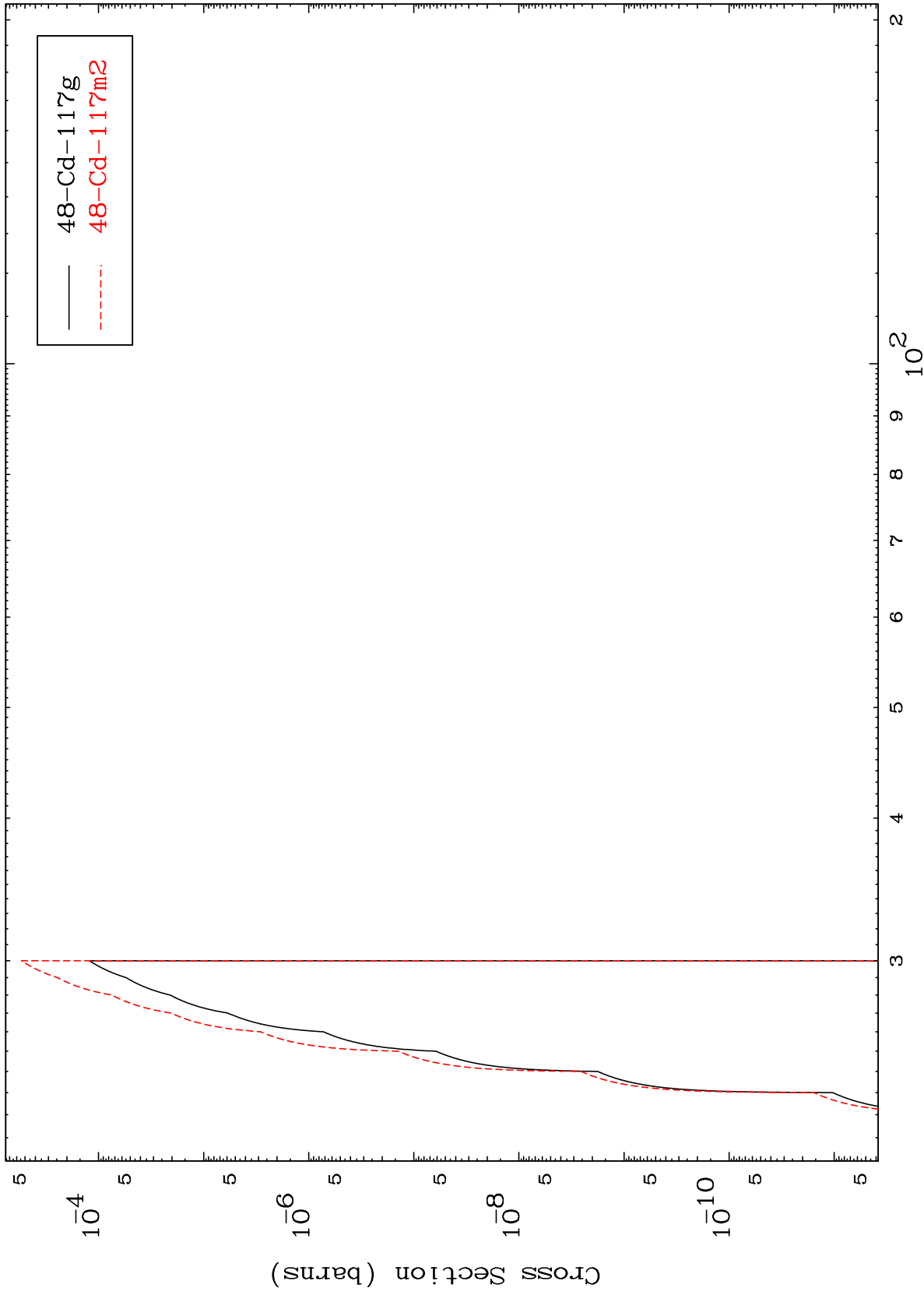
49-In-120

MAT 4946

(n,2n) d

49-In-120

Radionuclide Production Cross Section



124

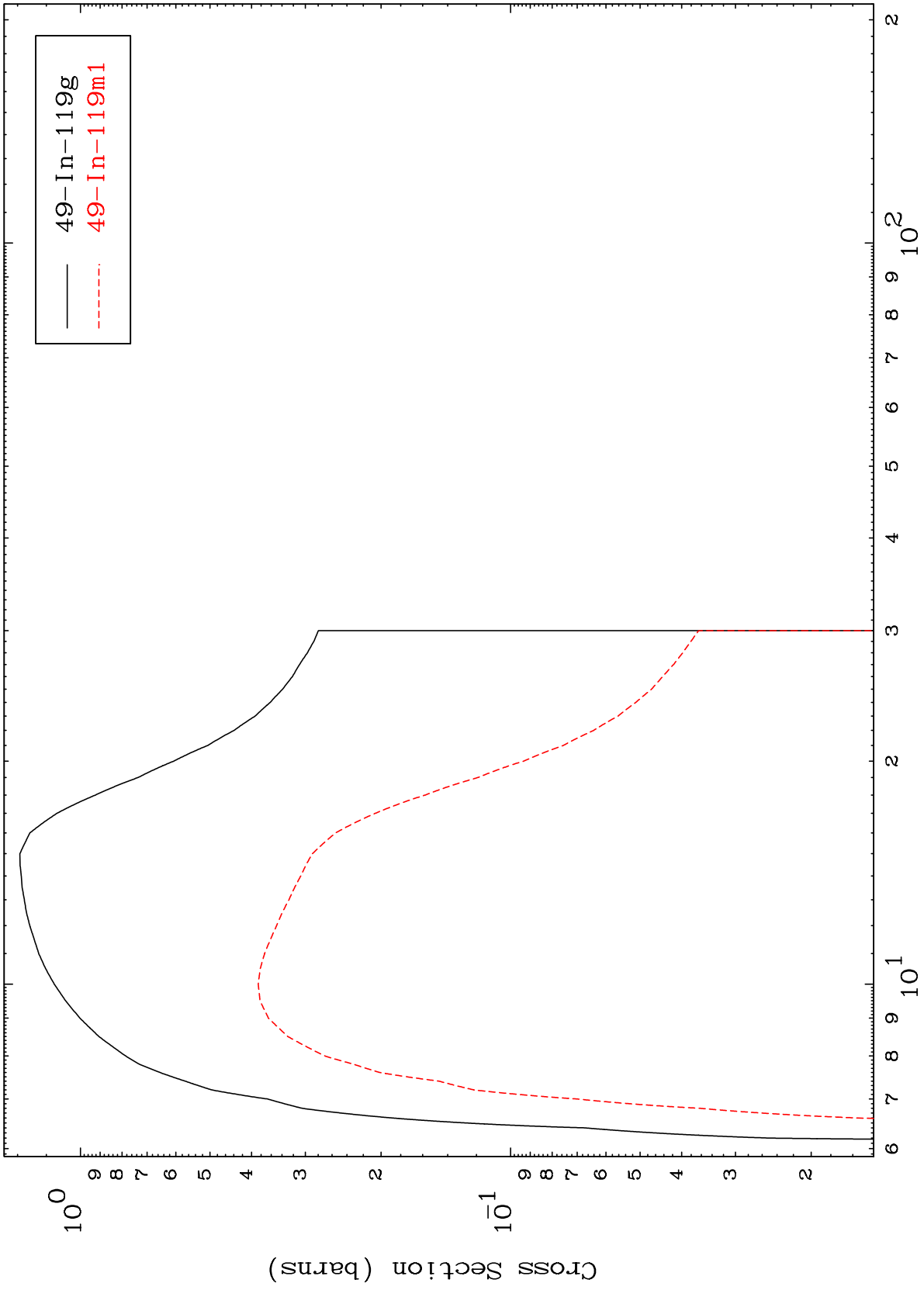
Incident Energy (MeV)

49-In-120

MAT 4946

49-In-120

(n,2n)
Radionuclide Production Cross Section



125

Incident Energy (MeV)

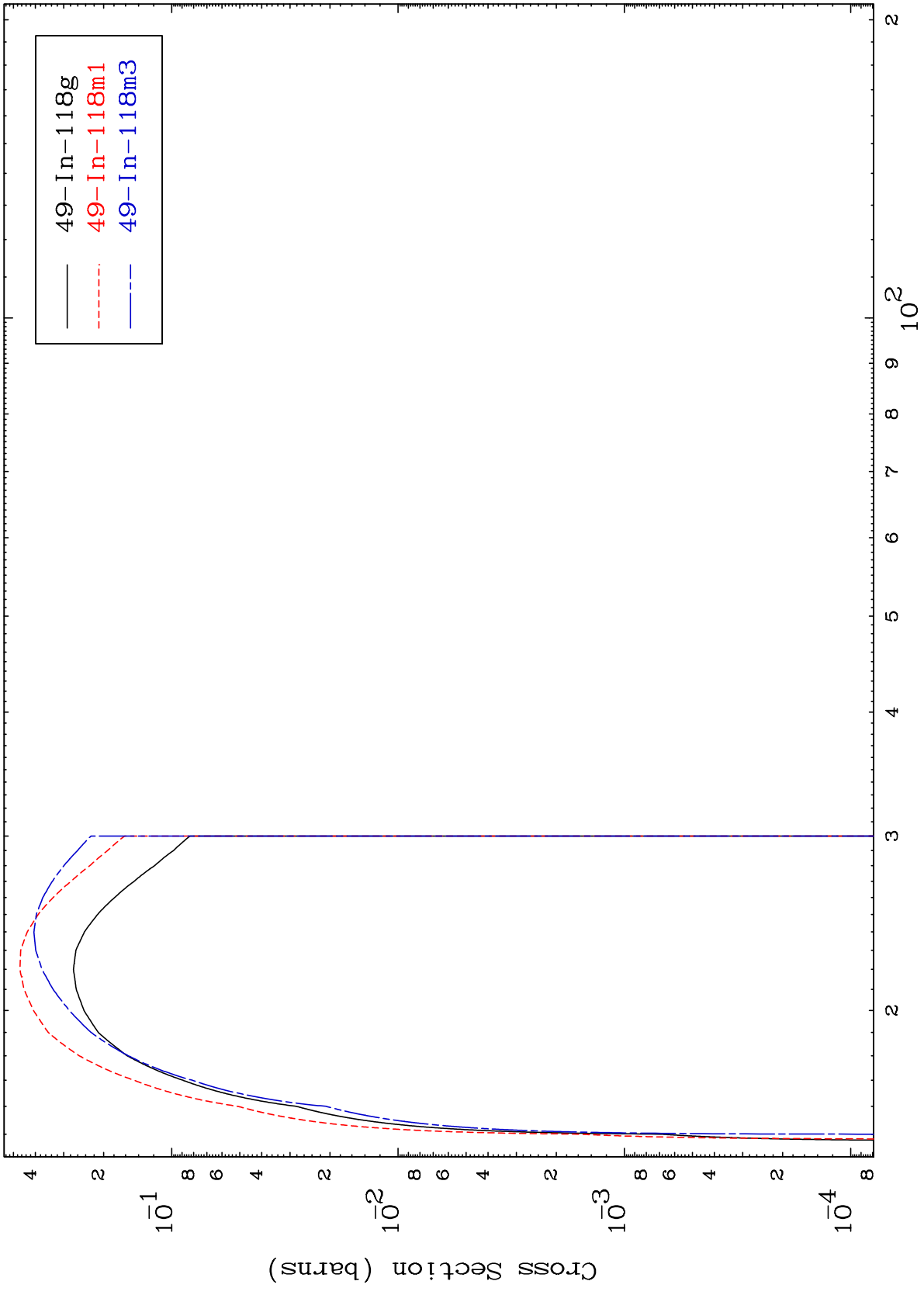
49-In-120

MAT 4946

(n,3n)

49-In-120

Radionuclide Production Cross Section



126

Incident Energy (MeV)

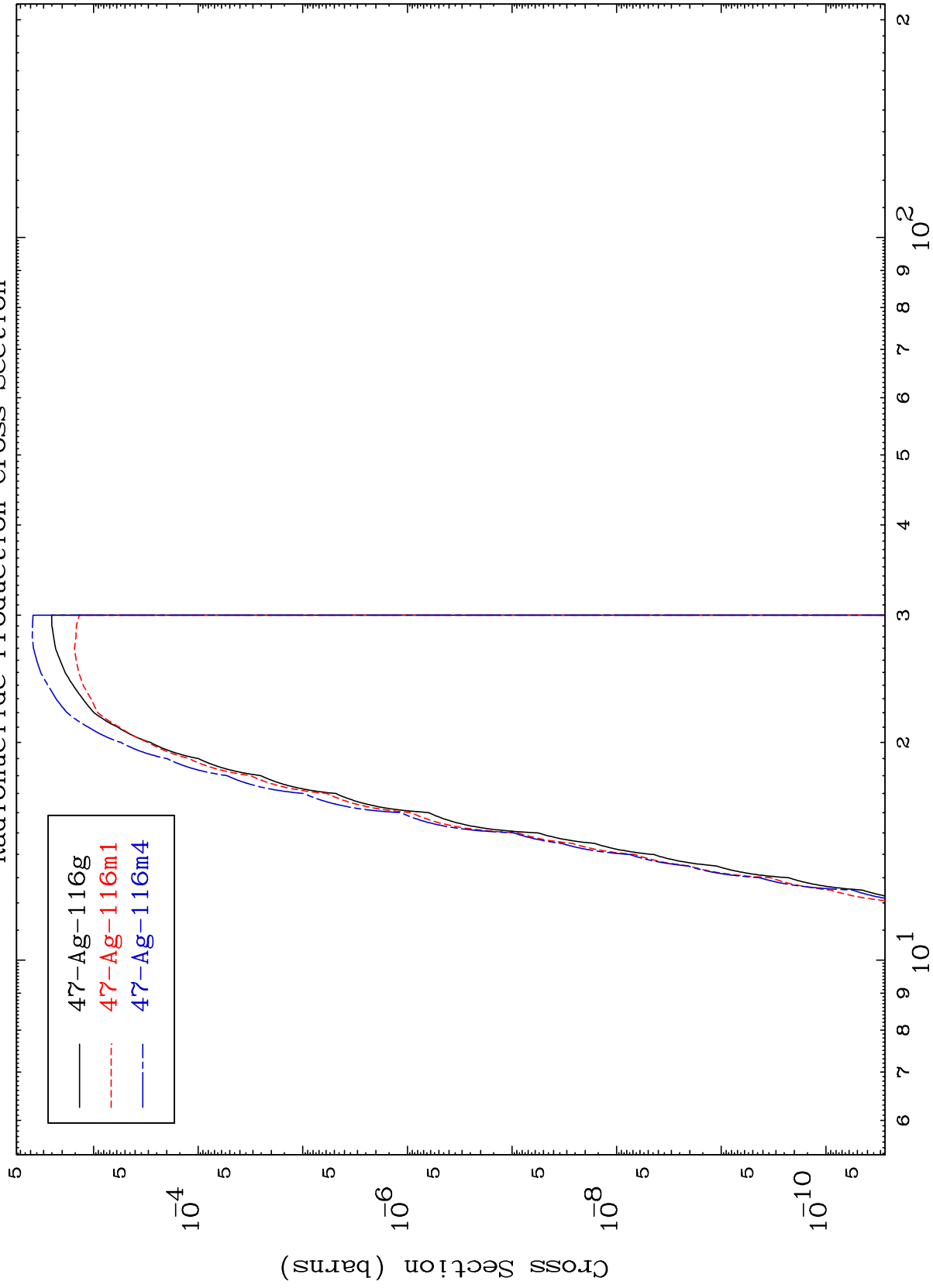
49-In-120

MAT 4946

(n,n') α

49-In-120

Radionuclide Production Cross Section



127

Incident Energy (MeV)

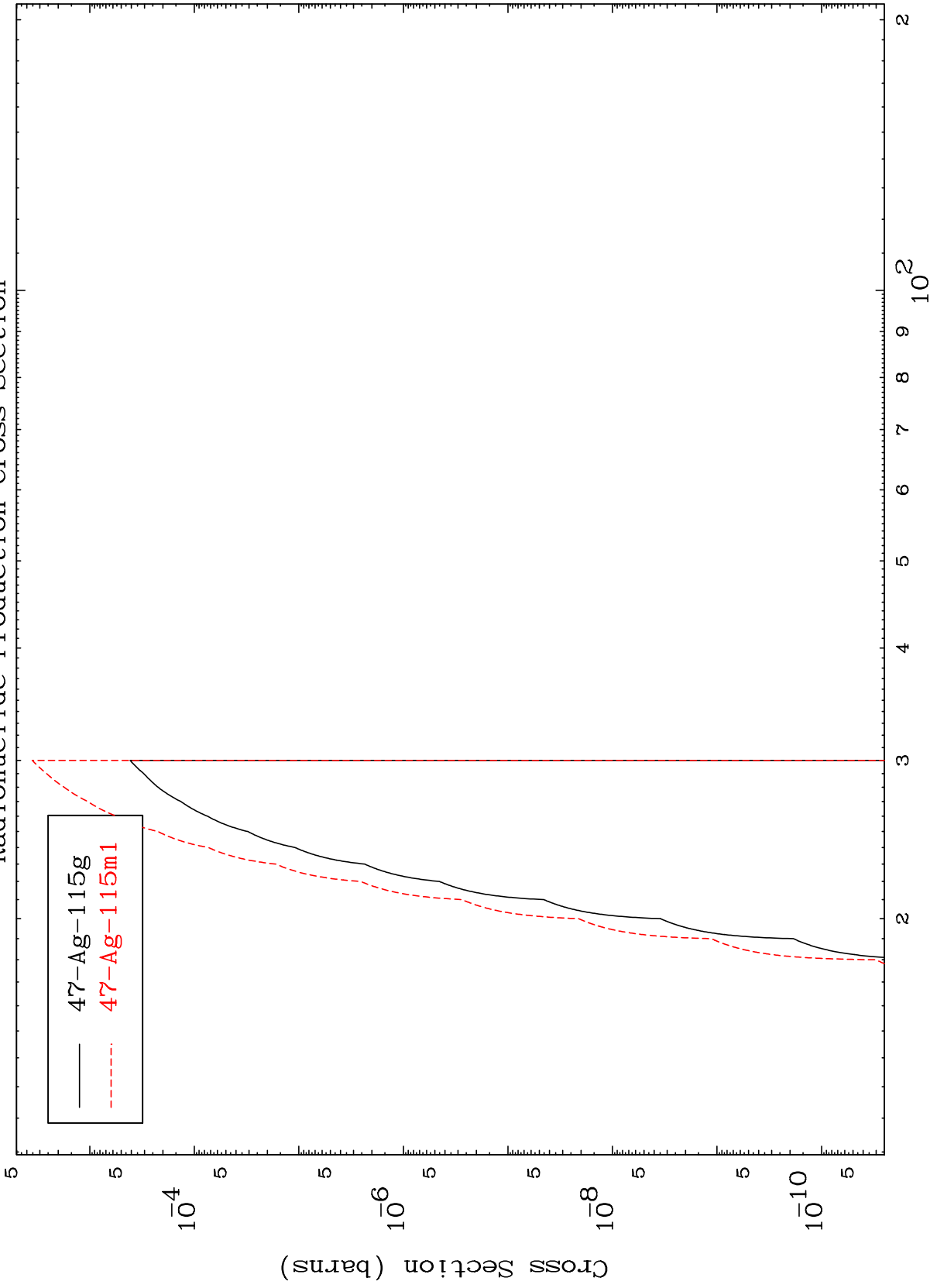
49-In-120

MAT 4946

(n,2n) α

49-In-120

Radionuclide Production Cross Section



47-Ag-115g
47-Ag-115m1

128

Incident Energy (MeV)

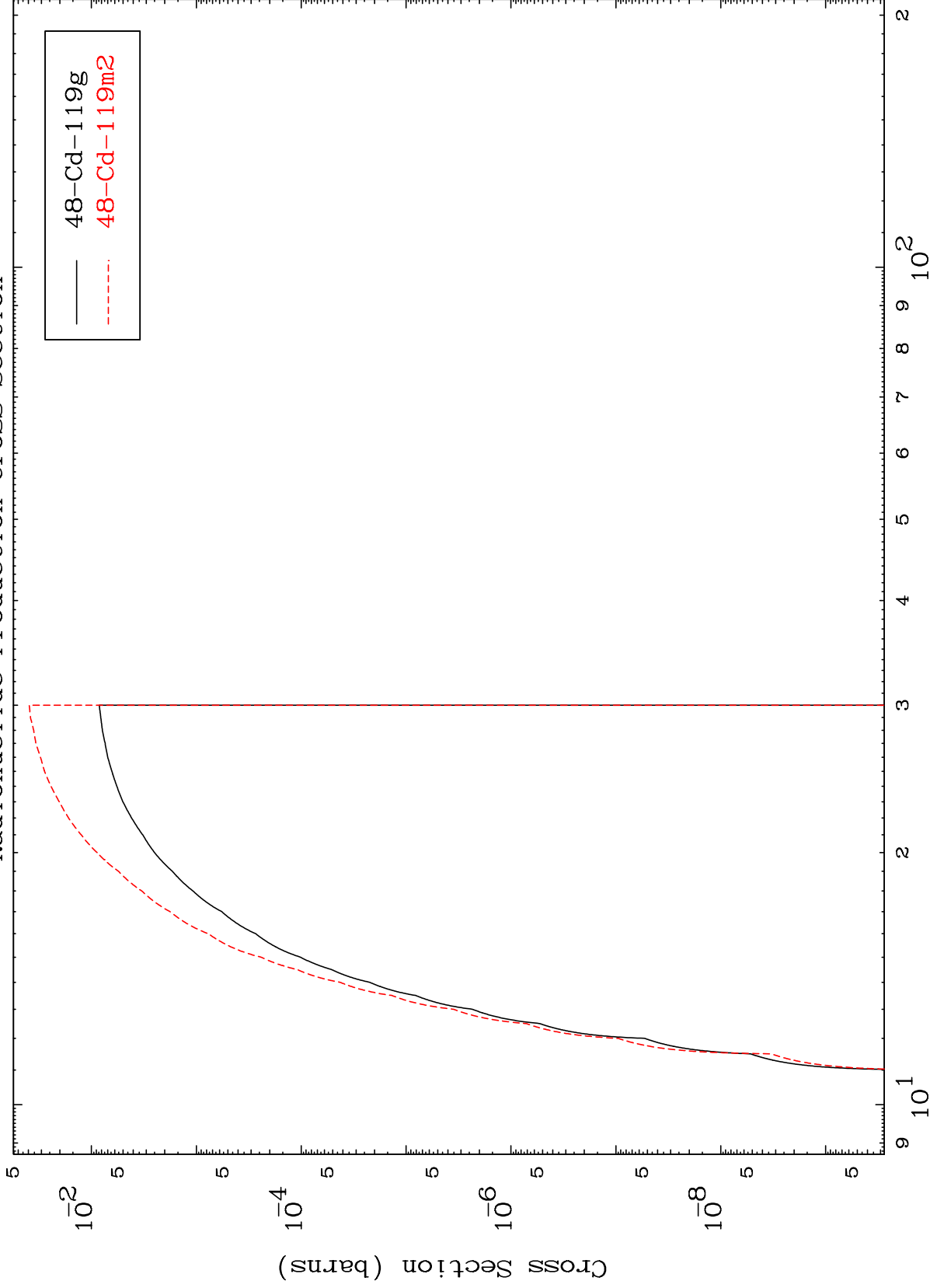
49-In-120

MAT 4946

(n,n') p

49-In-120

Radionuclide Production Cross Section



129

Incident Energy (MeV)

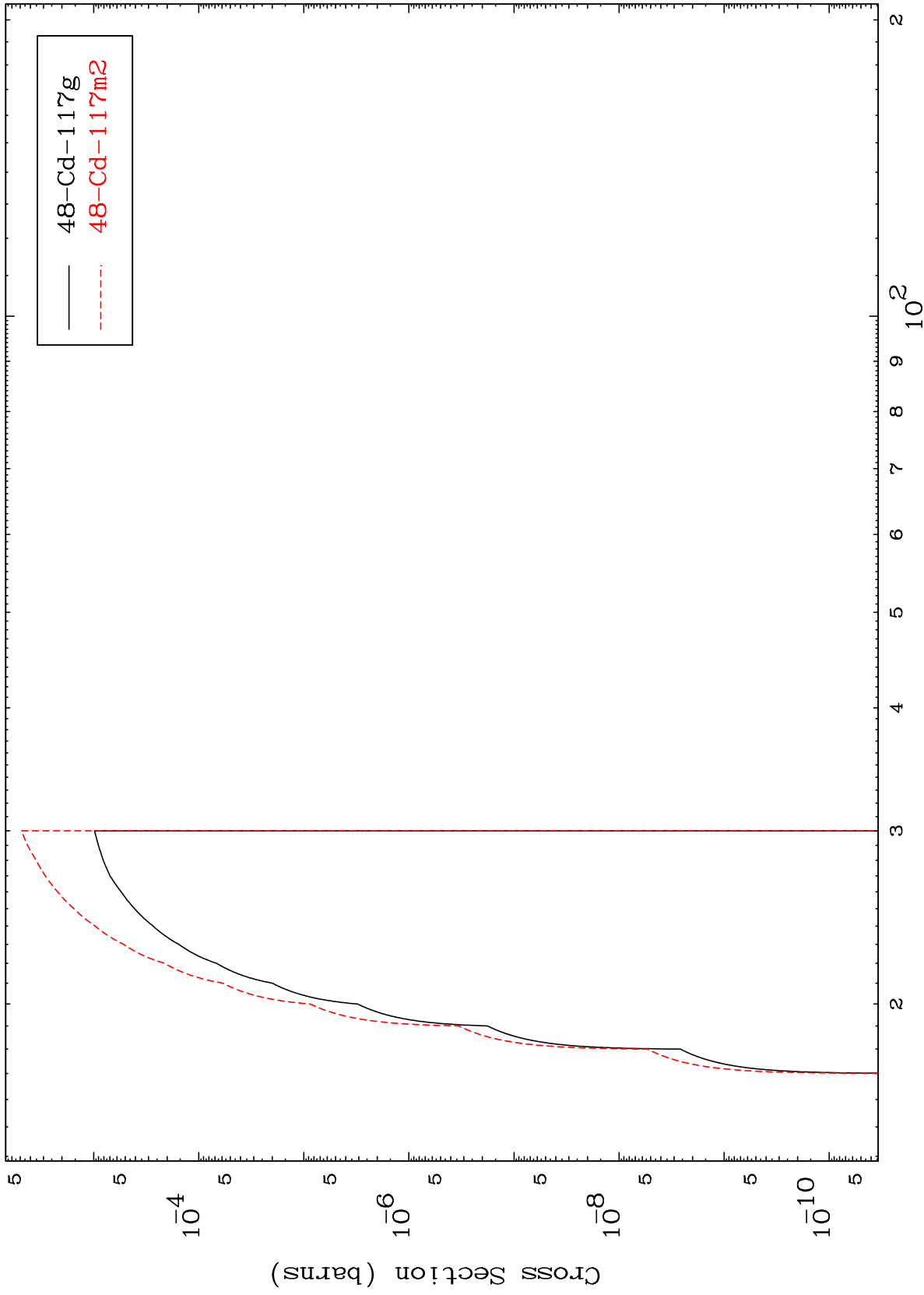
49-In-120

MAT 4946

(n,n') t

49-In-120

Radionuclide Production Cross Section



130

Incident Energy (MeV)

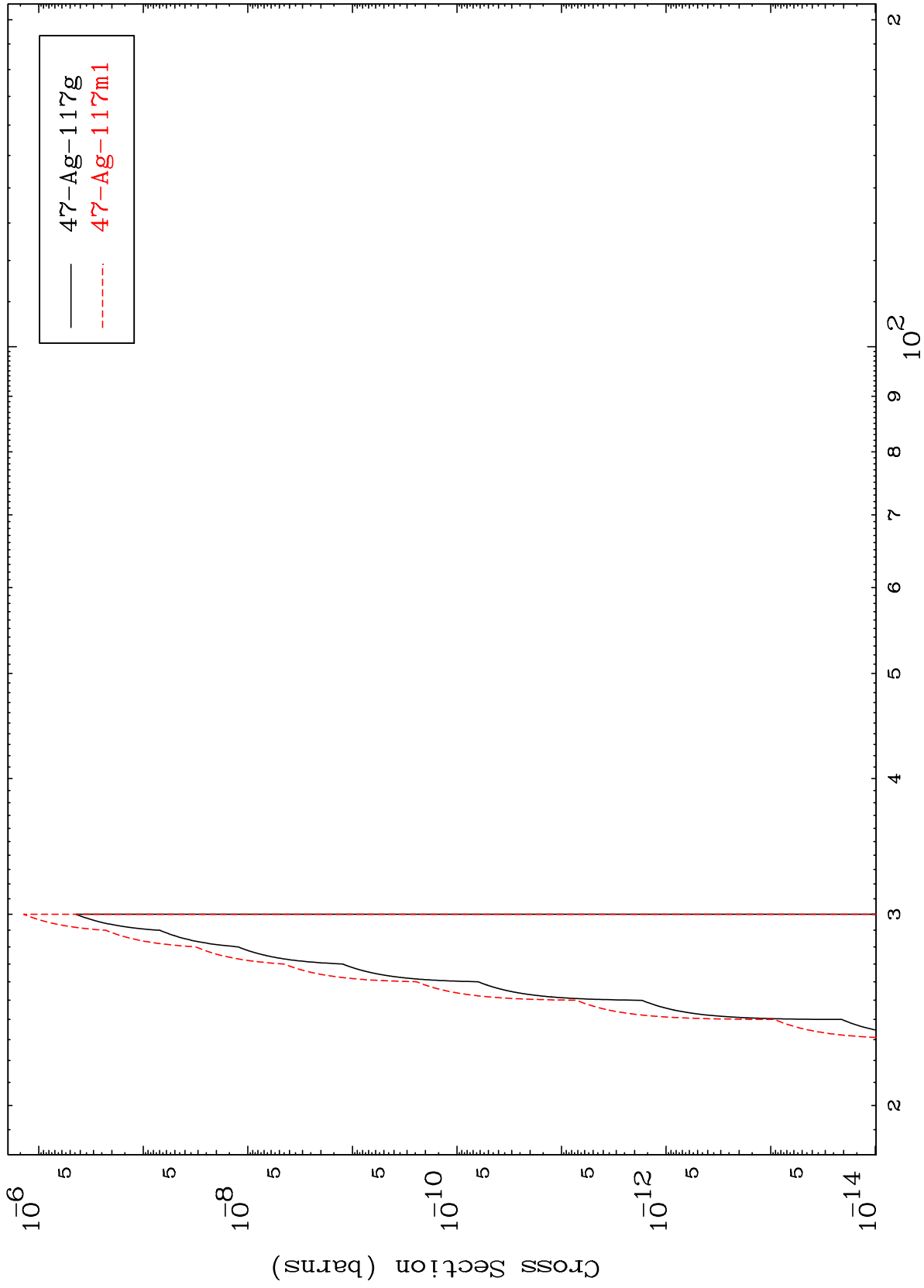
49-In-120

MAT 4946

(n, n') He-3

49-In-120

Radionuclide Production Cross Section



131

Incident Energy (MeV)

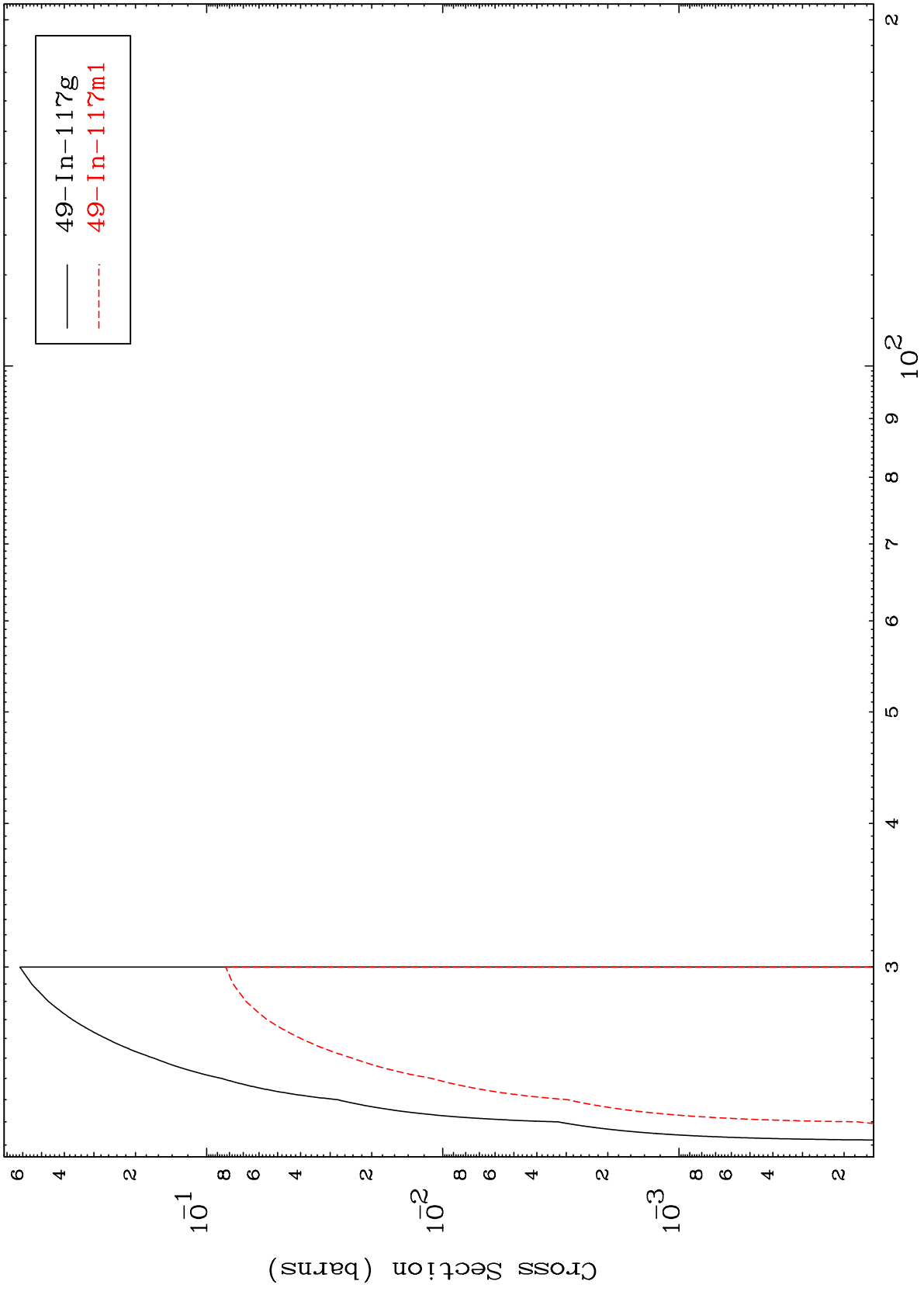
49-In-120

MAT 4946

(n,4n)

49-In-120

Radionuclide Production Cross Section



132

Incident Energy (MeV)

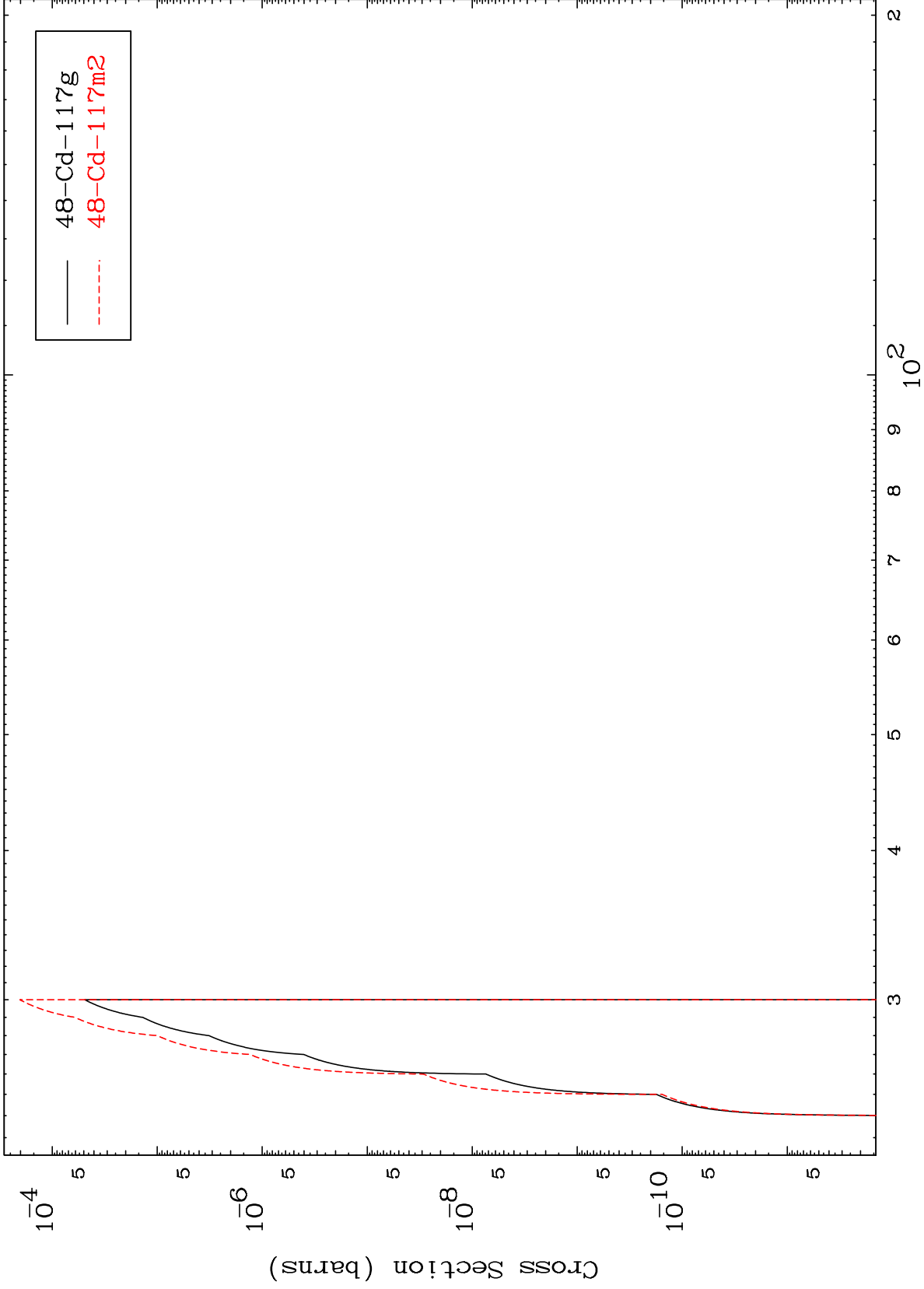
49-In-120

MAT 4946

(n,3n) p

49-In-120

Radionuclide Production Cross Section



133

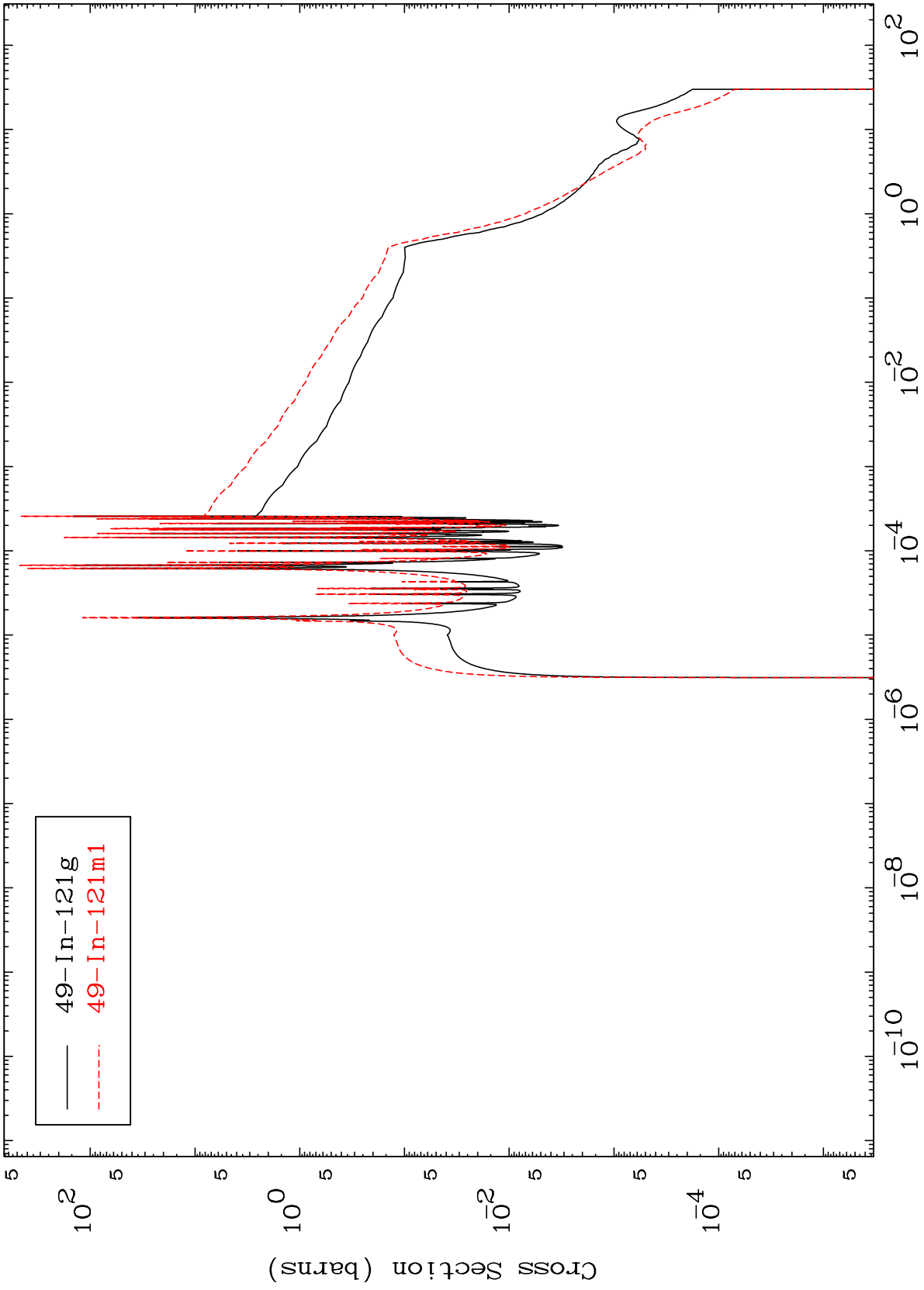
Incident Energy (MeV)

49-In-120

MAT 4946

49-In-120

(n,γ)
Radionuclide Production Cross Section

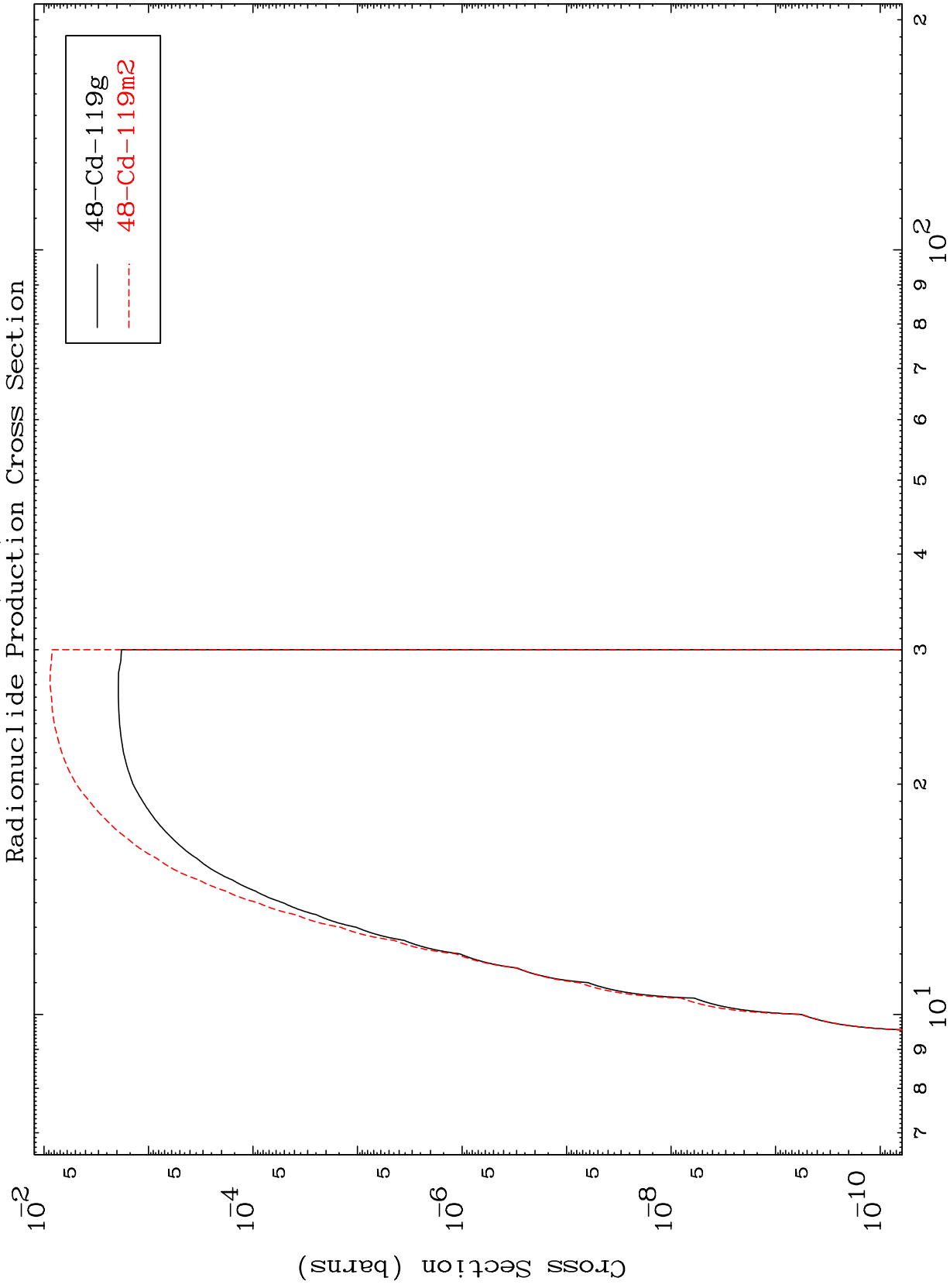


— 49-In-121g
- - - 49-In-121m1

MAT 4946

(n,d)

49-In-120



135

49-In-120

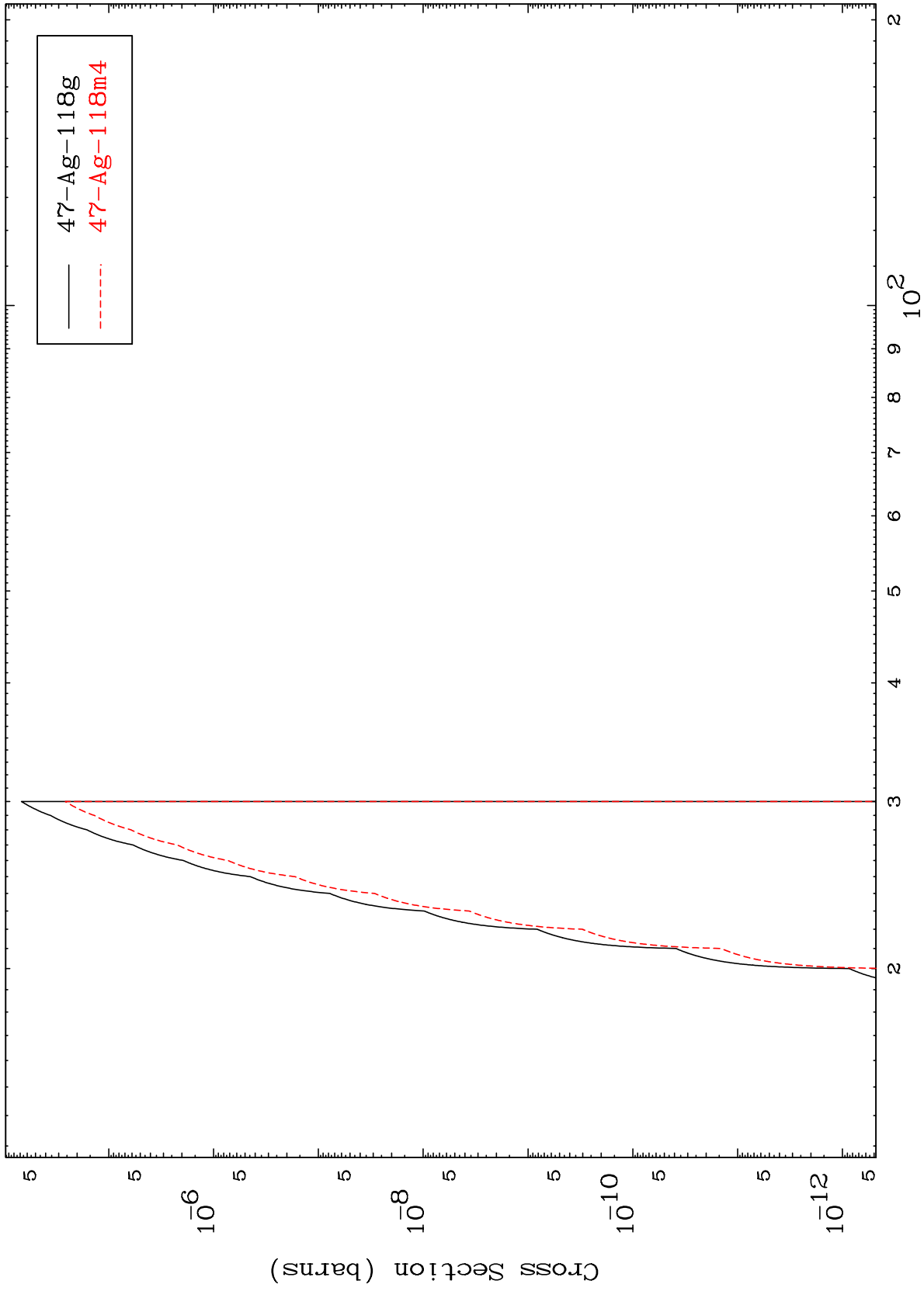
49-In-120

MAT 4946

(n, He-3)

49-In-120

Radionuclide Production Cross Section



136

Incident Energy (MeV)

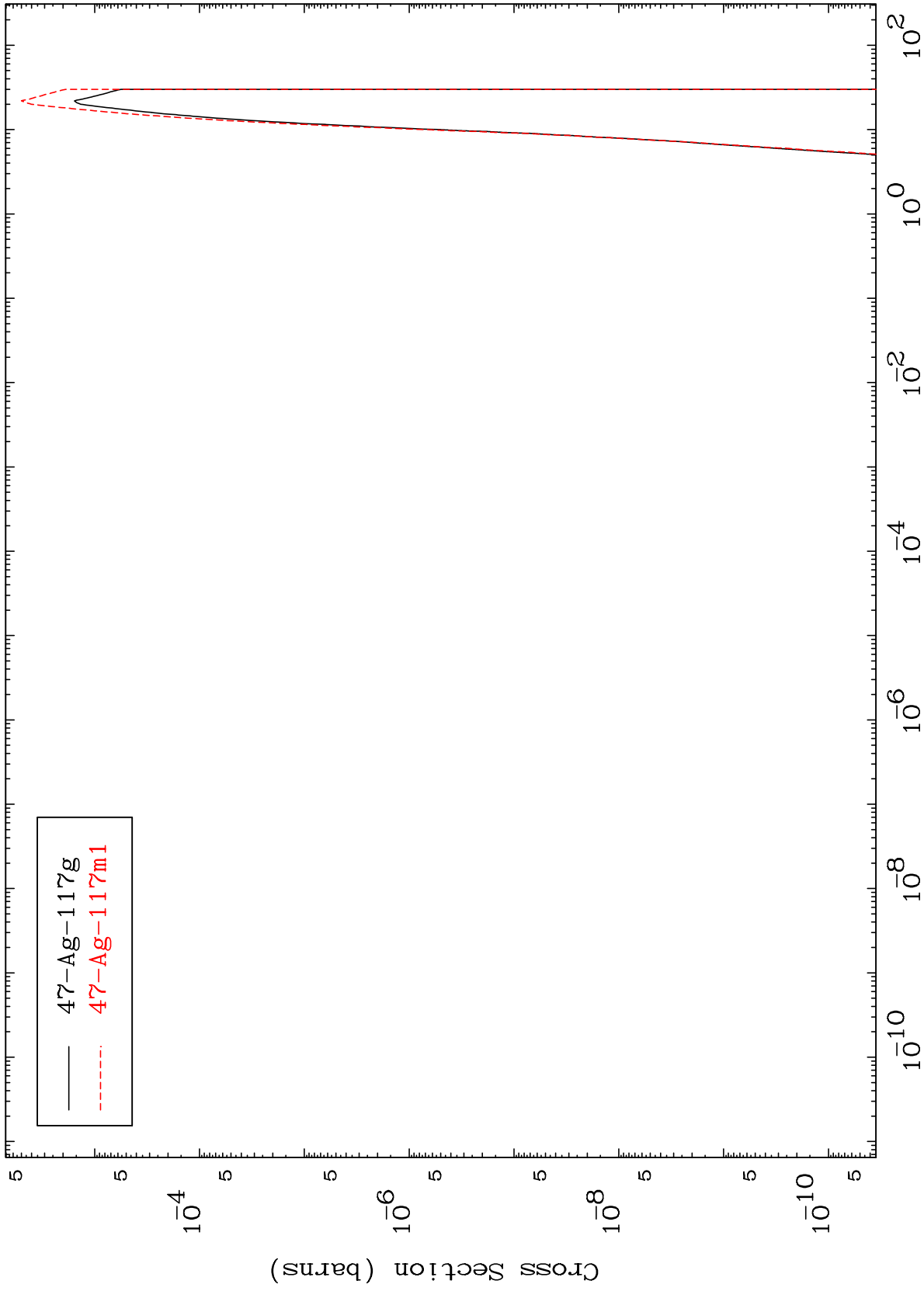
49-In-120

MAT 4946

(n, α)

49-In-120

Radionuclide Production Cross Section



137

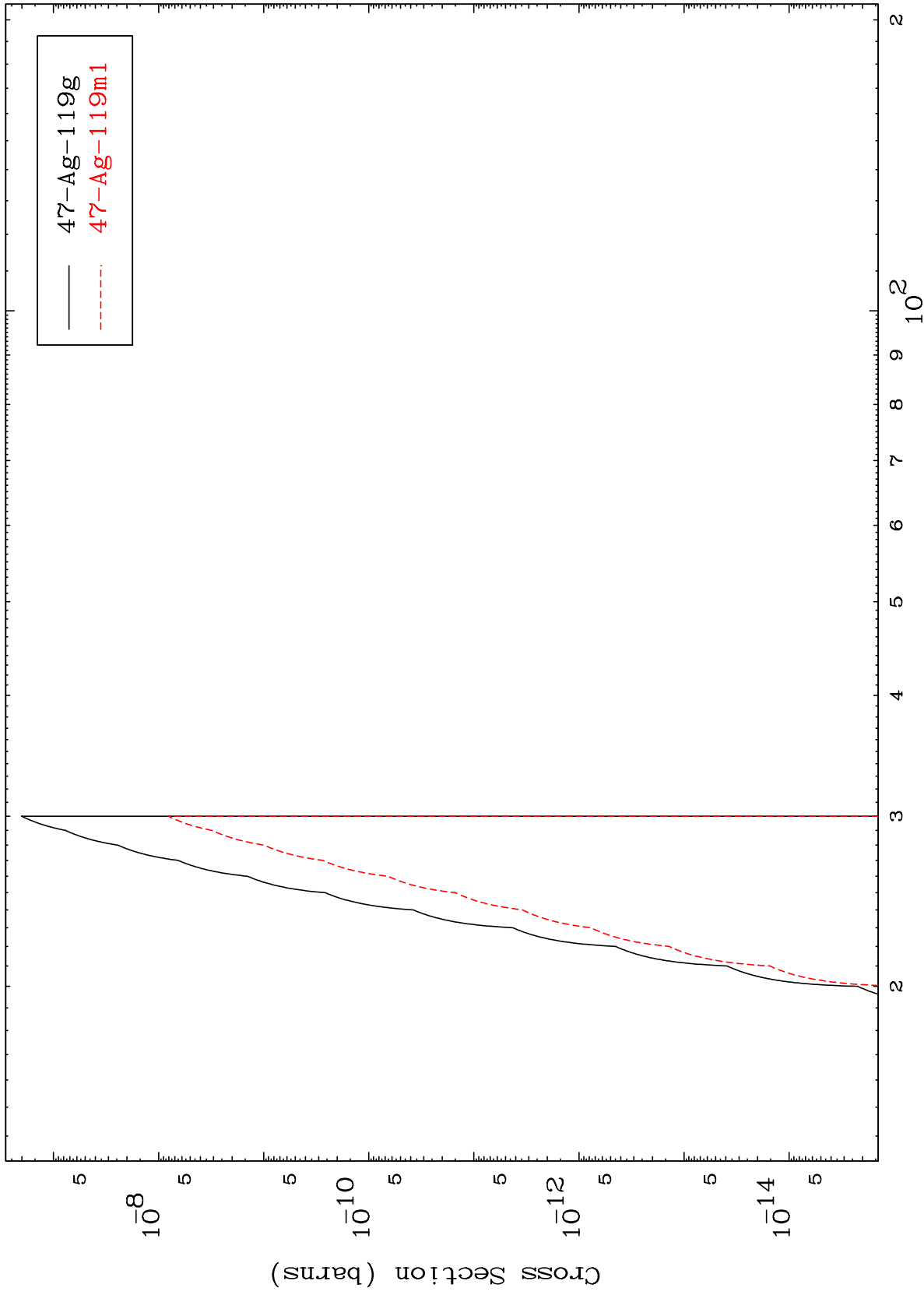
Incident Energy (MeV)

49-In-120

MAT 4946

49-In-120

(n,2p)
Radionuclide Production Cross Section



47-Ag-119g
47-Ag-119m1

138

49-In-120

Incident Energy (MeV)