

Program EVALPLOT
(Version 2018-1)

by

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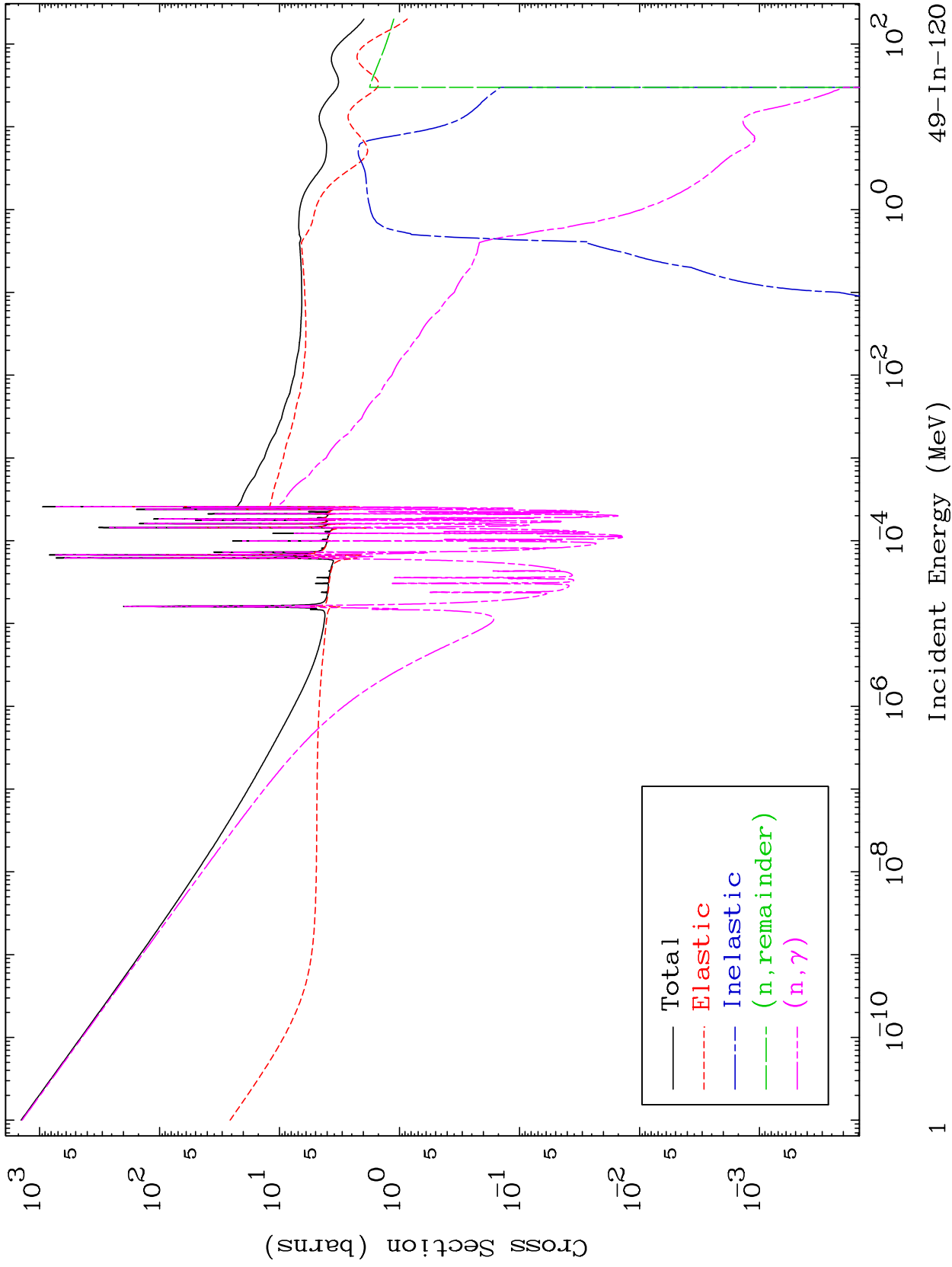
Press Mouse Button to Start

MAT 4946

Major

293 Kelvin Cross Sections

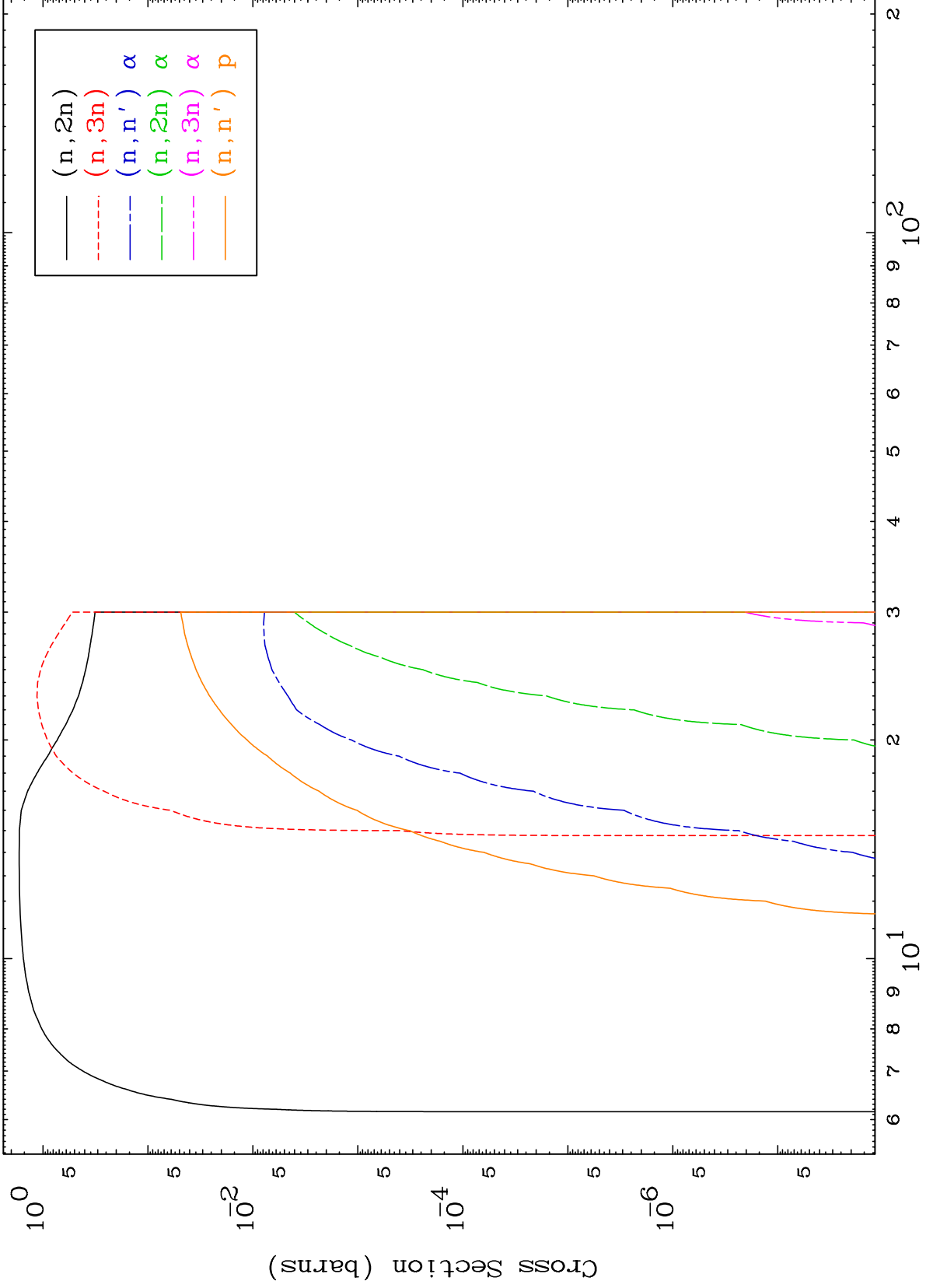
49-In-120



MAT 4946

Neutron Production
293 Kelvin Cross Sections

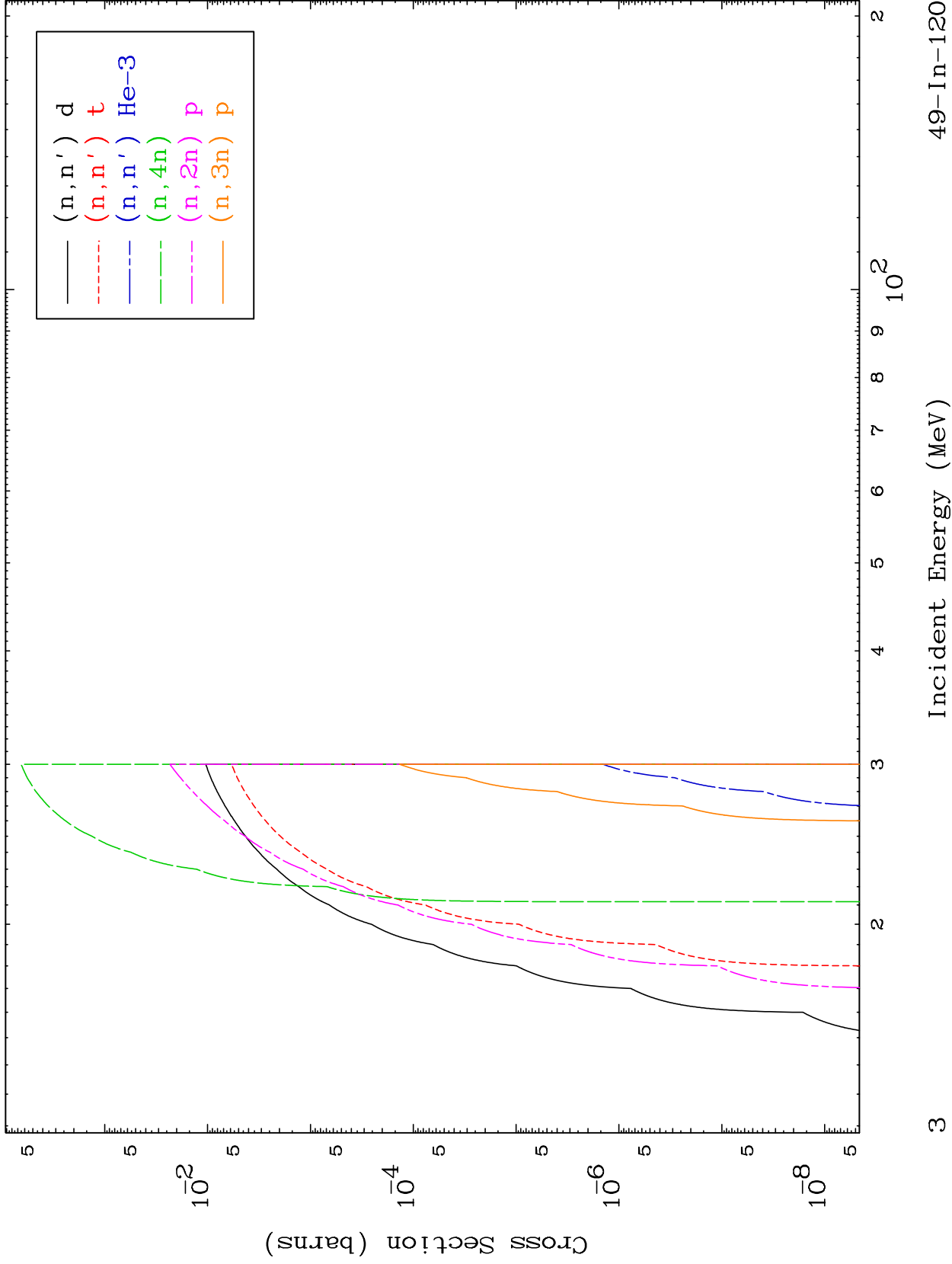
49-In-120



2

Incident Energy (MeV)

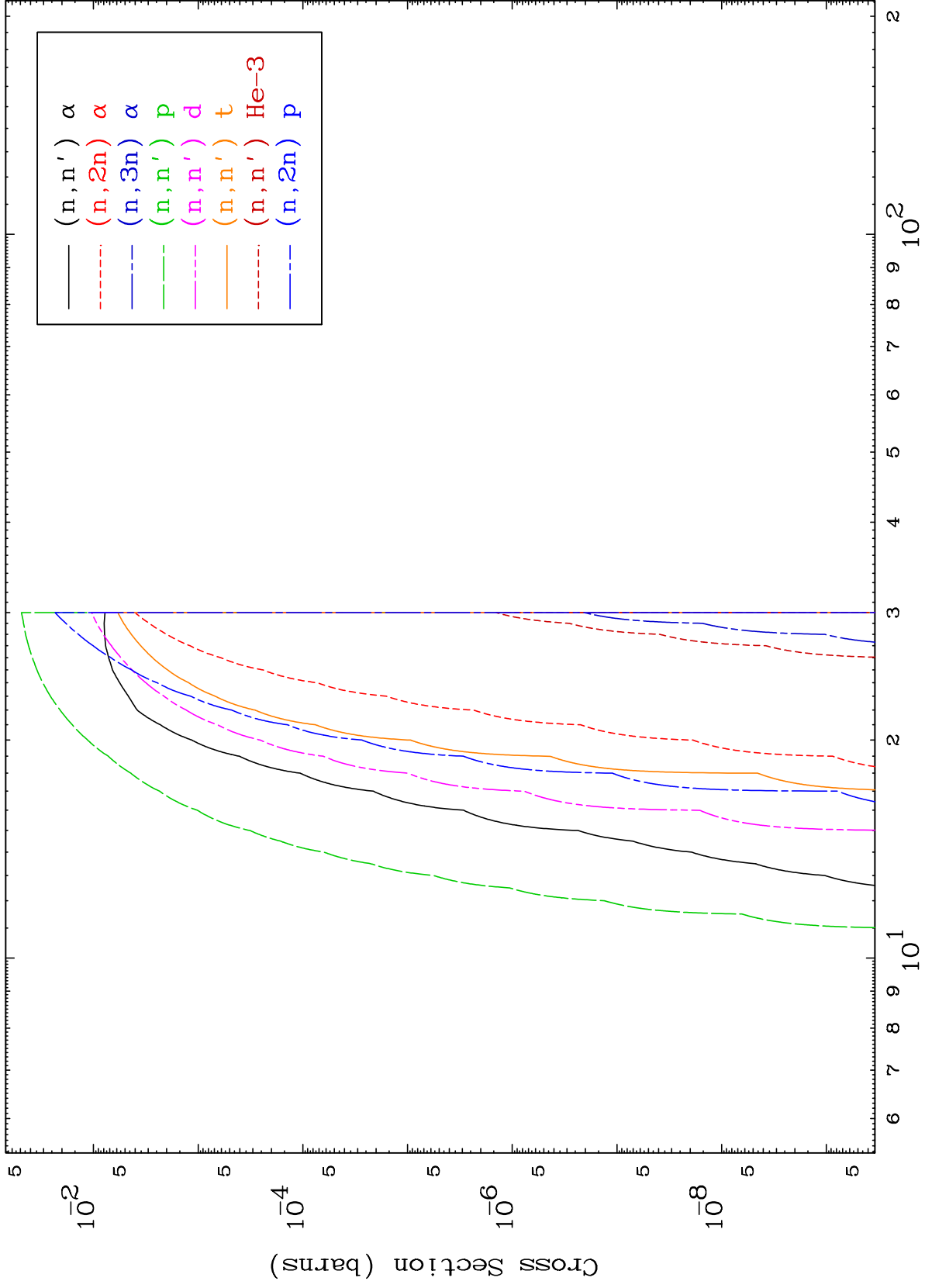
49-In-120



MAT 4946

Charged Particle
293 Kelvin Cross Sections

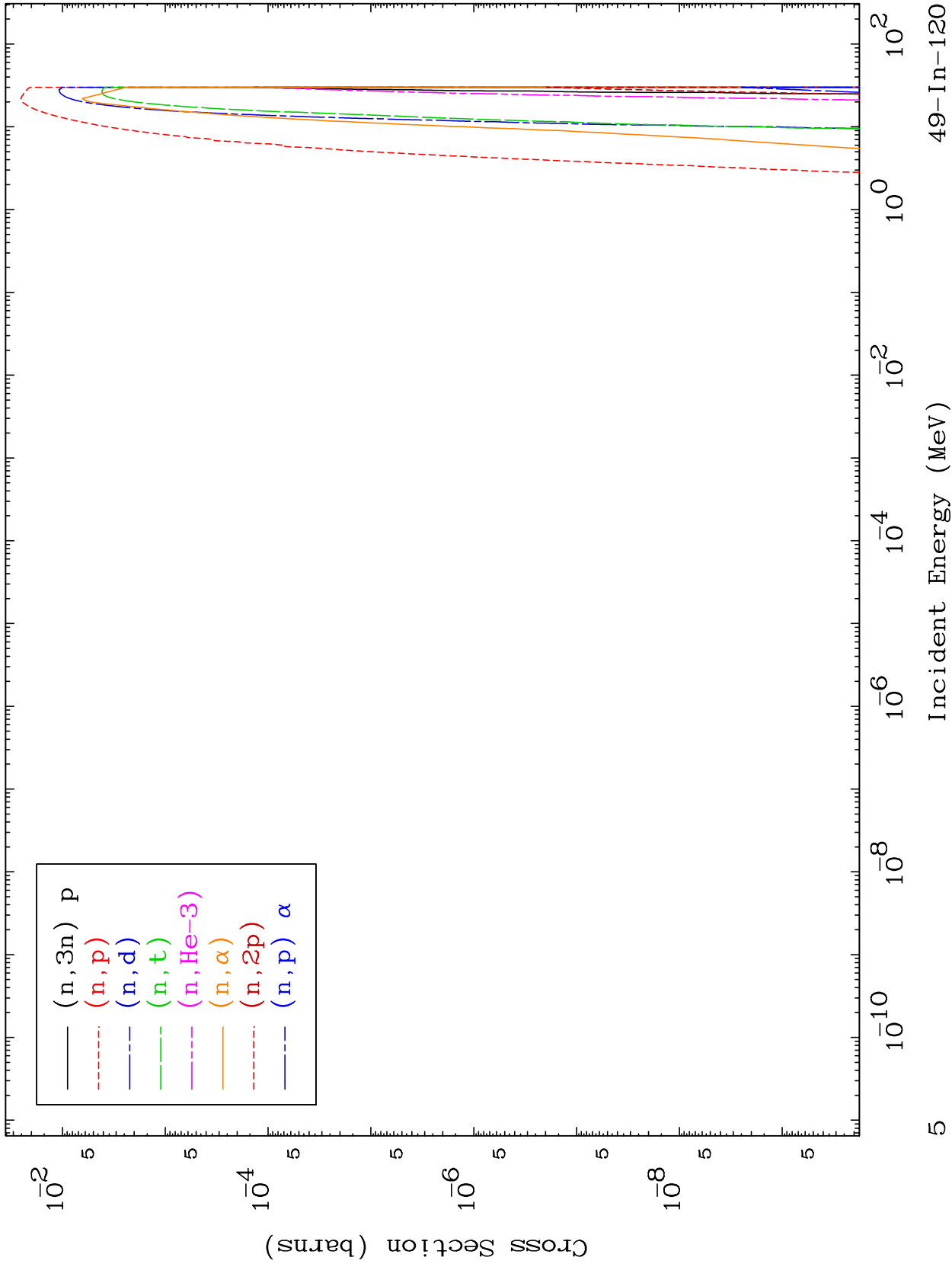
49-In-120



MAT 4946

Charged Particle
293 Kelvin Cross Sections

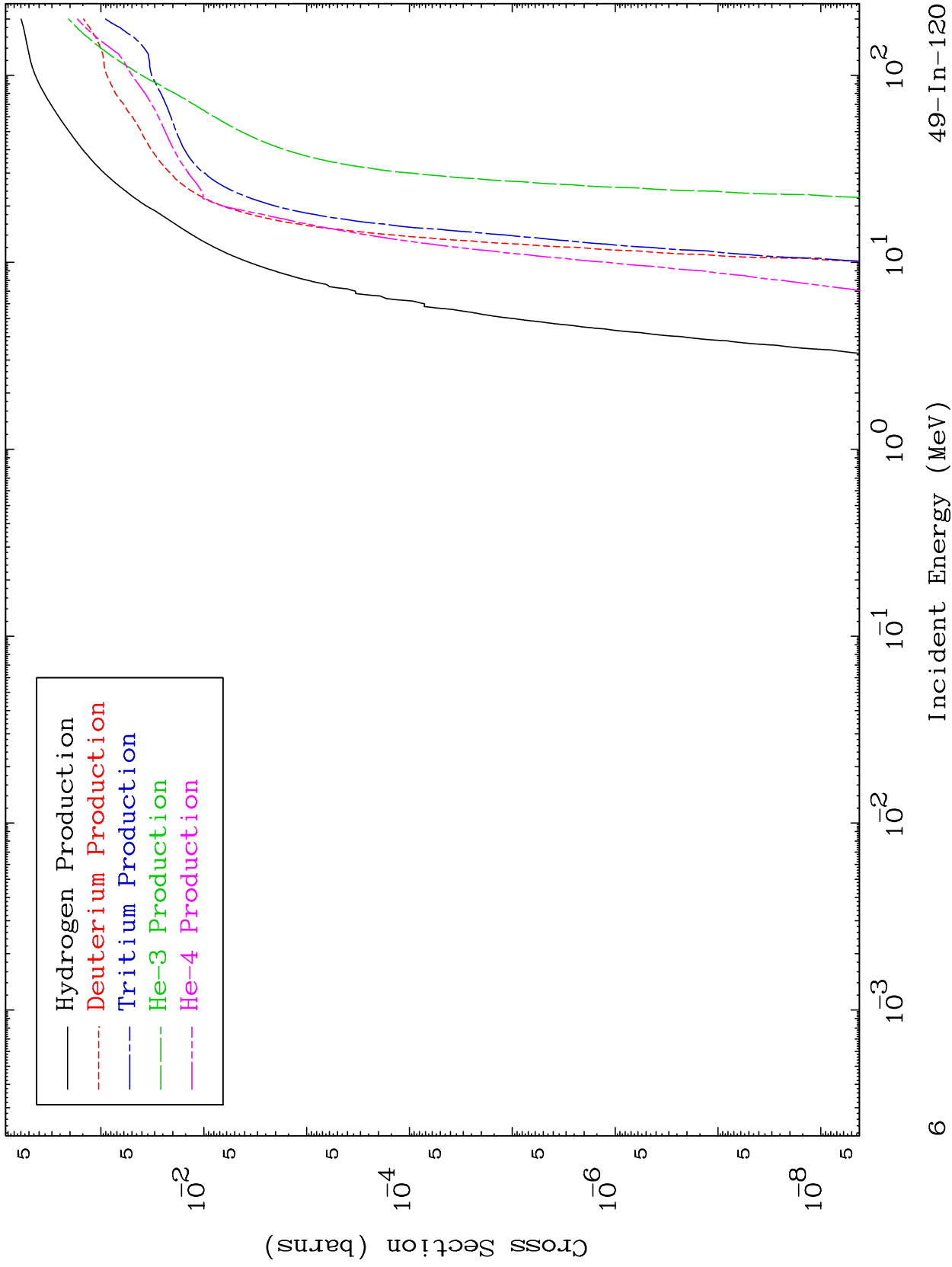
49-In-120



MAT 4946

Particle Production
293 Kelvin Cross Sections

49-In-120

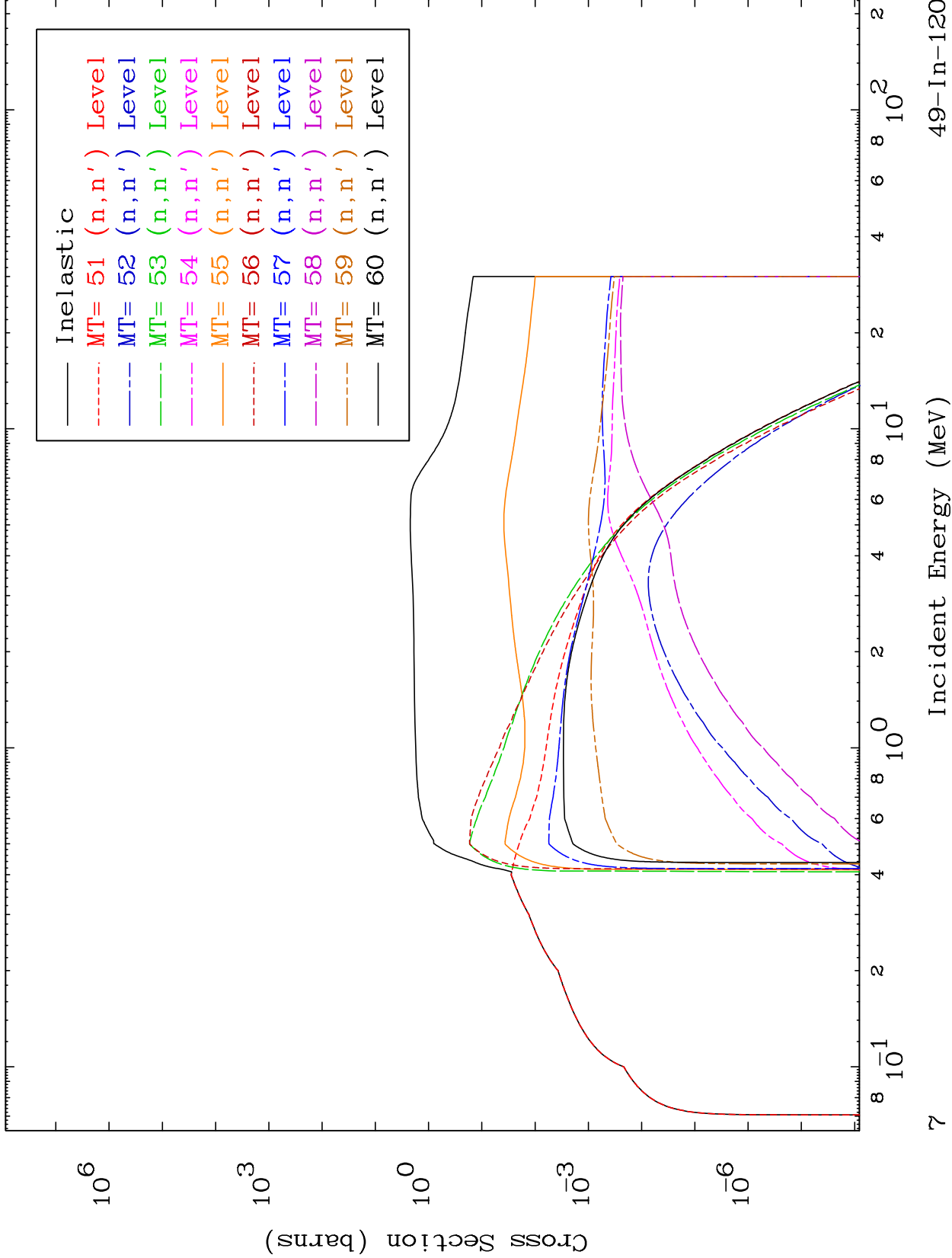


MAT 4946

(n,n') Level

49-In-120

293 Kelvin Cross Sections

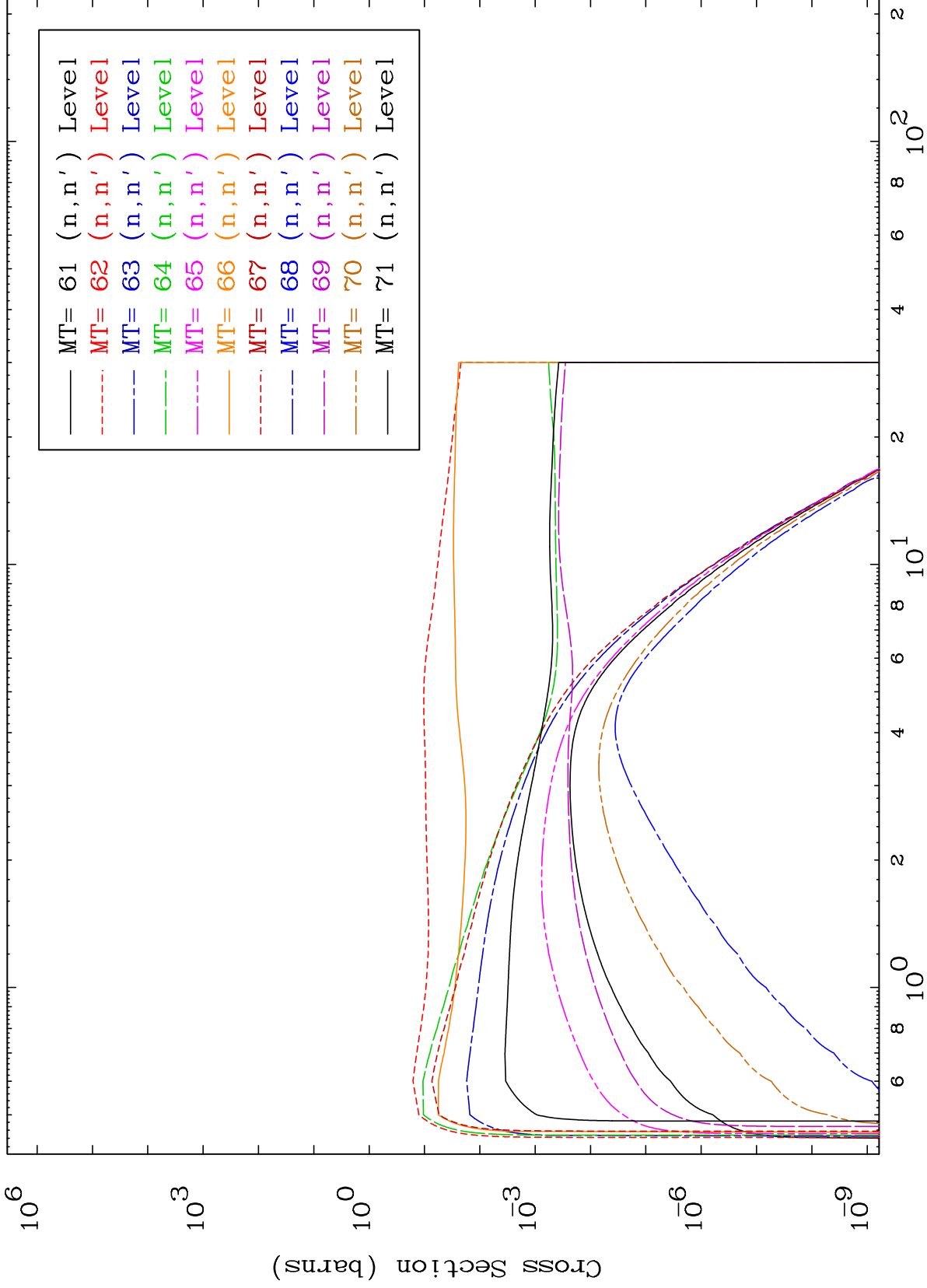


MAT 4946

(n,n') Level

49-In-120

293 Kelvin Cross Sections



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Incident Energy (MeV)

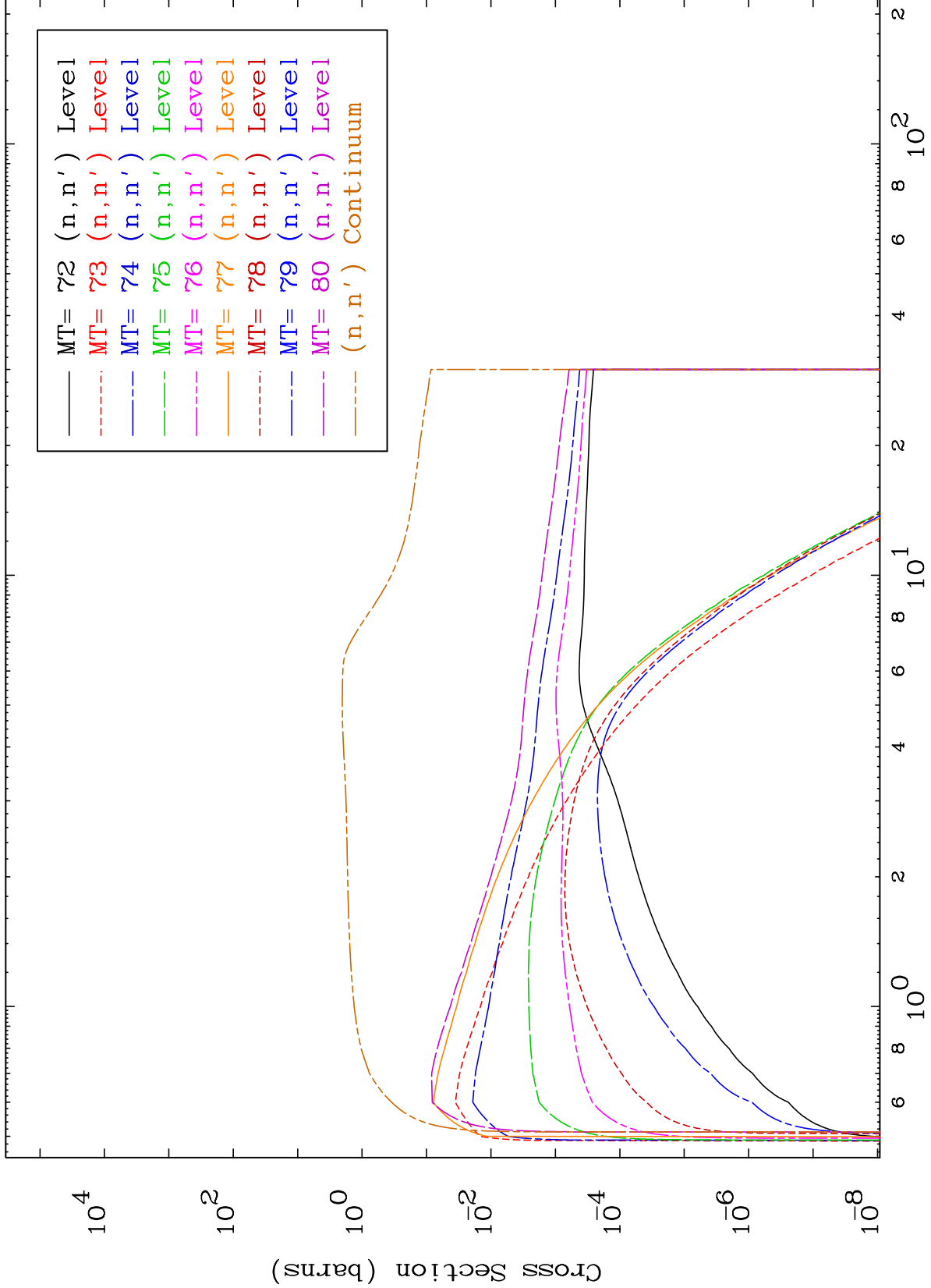
49-In-120

MAT 4946

(n,n') Level

49-In-120

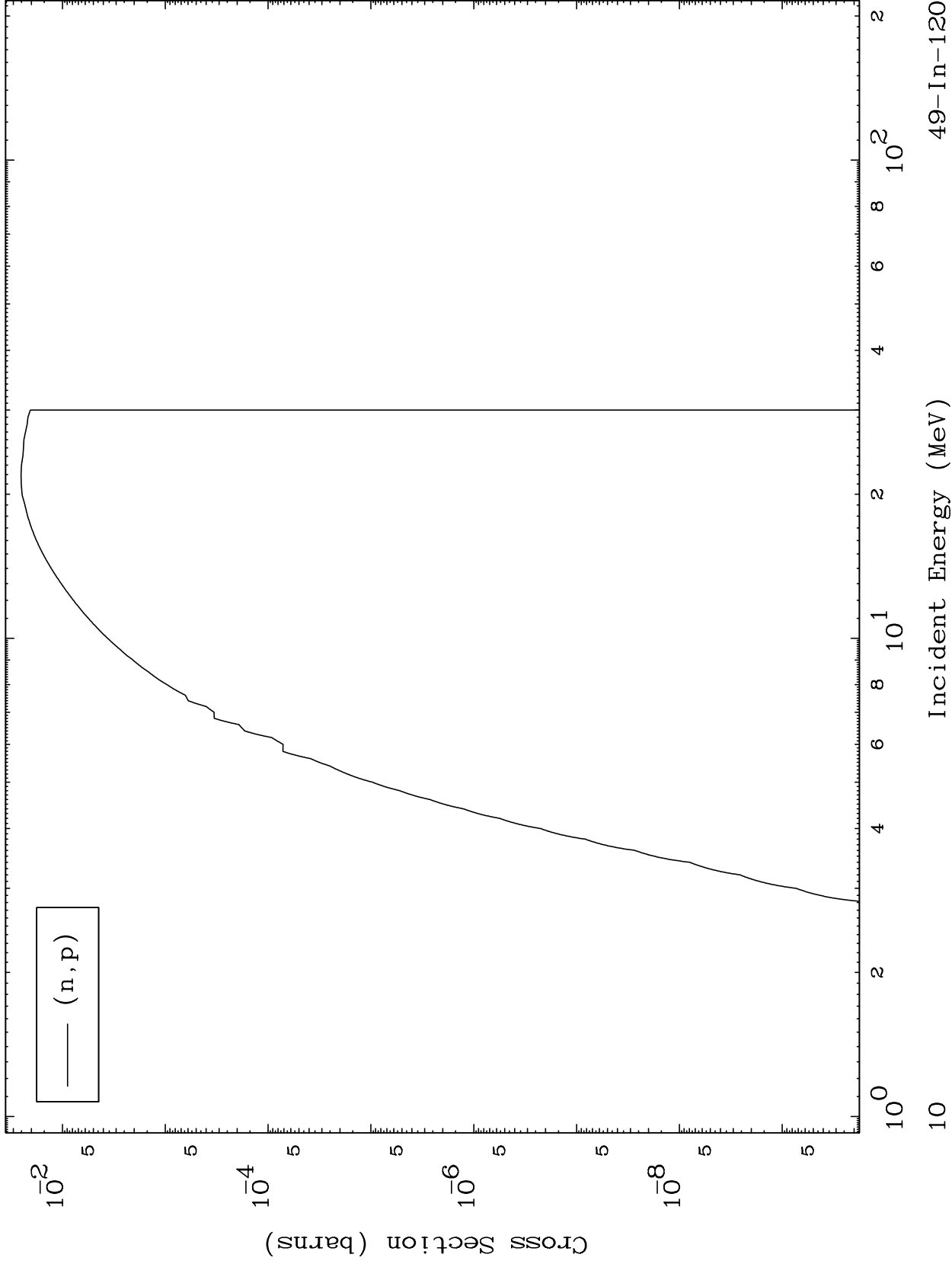
293 Kelvin Cross Sections



MAT 4946

(n,p) Levels
293 Kelvin Cross Sections

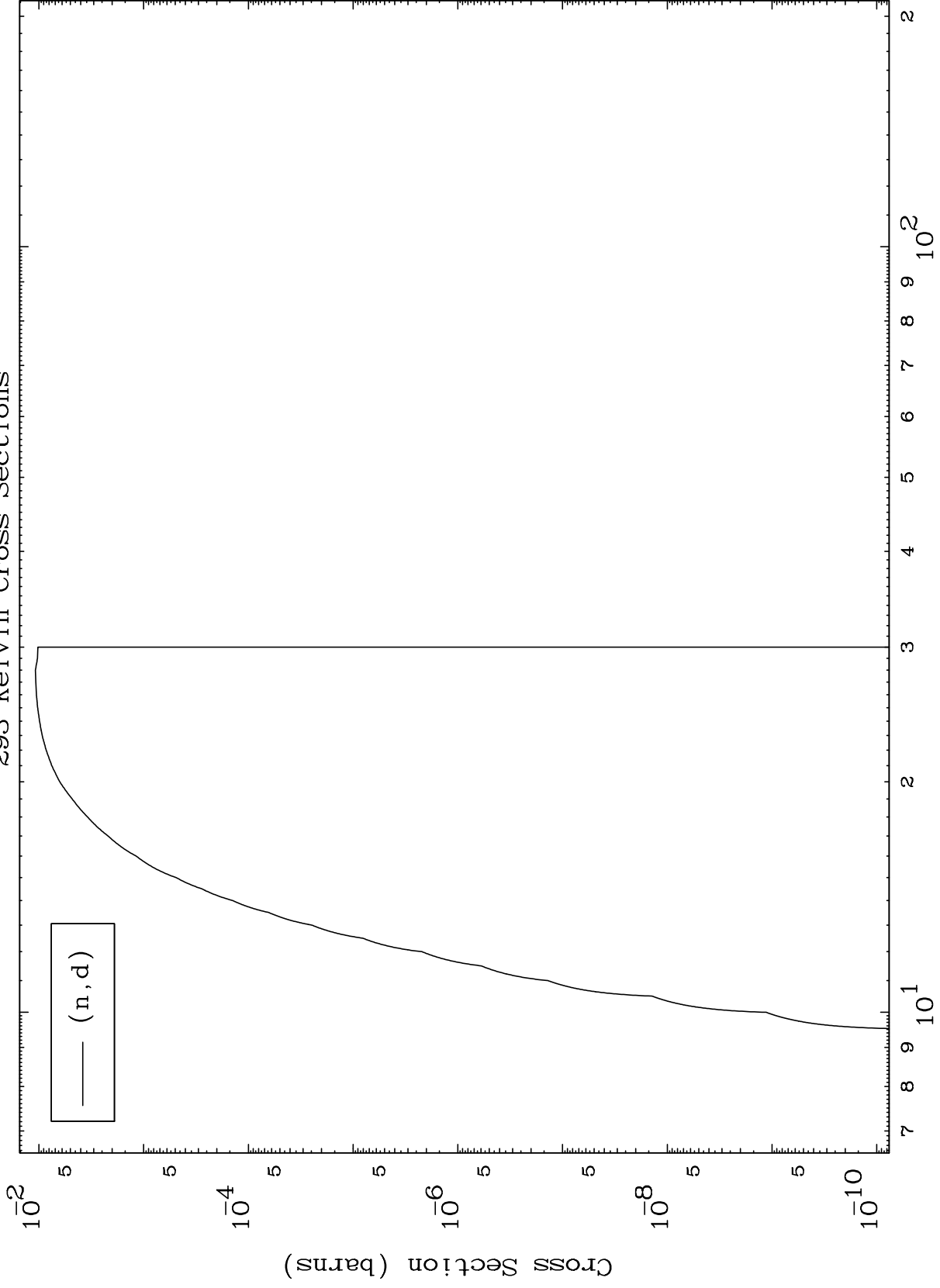
49-In-120



MAT 4946

(n,d) Levels
293 Kelvin Cross Sections

49-In-120



11

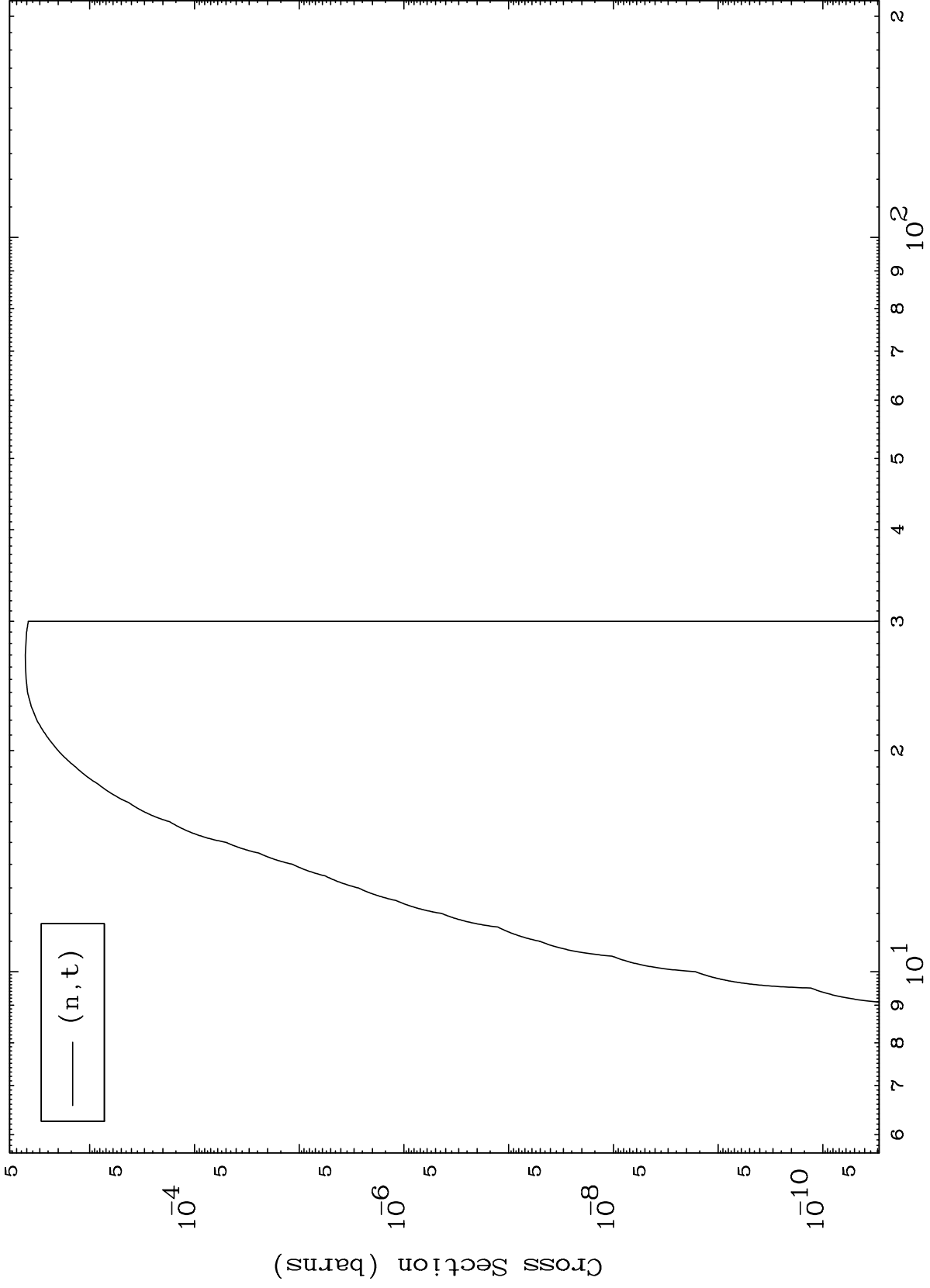
Incident Energy (MeV)

49-In-120

MAT 4946

(n, t) Levels
293 Kelvin Cross Sections

49-In-120



12

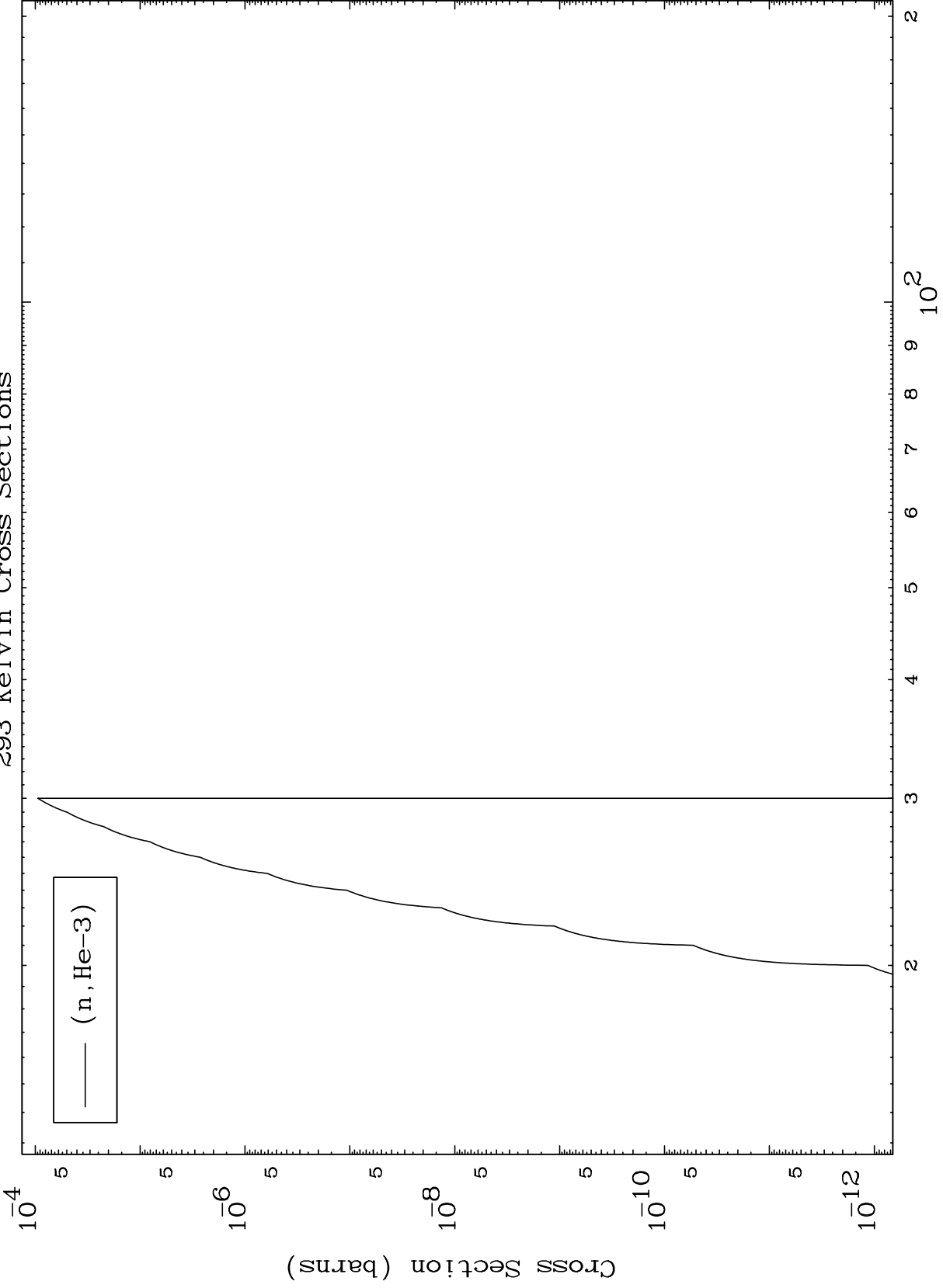
Incident Energy (MeV)

49-In-120

MAT 4946

(n,He3) Levels
293 Kelvin Cross Sections

49-In-120



13

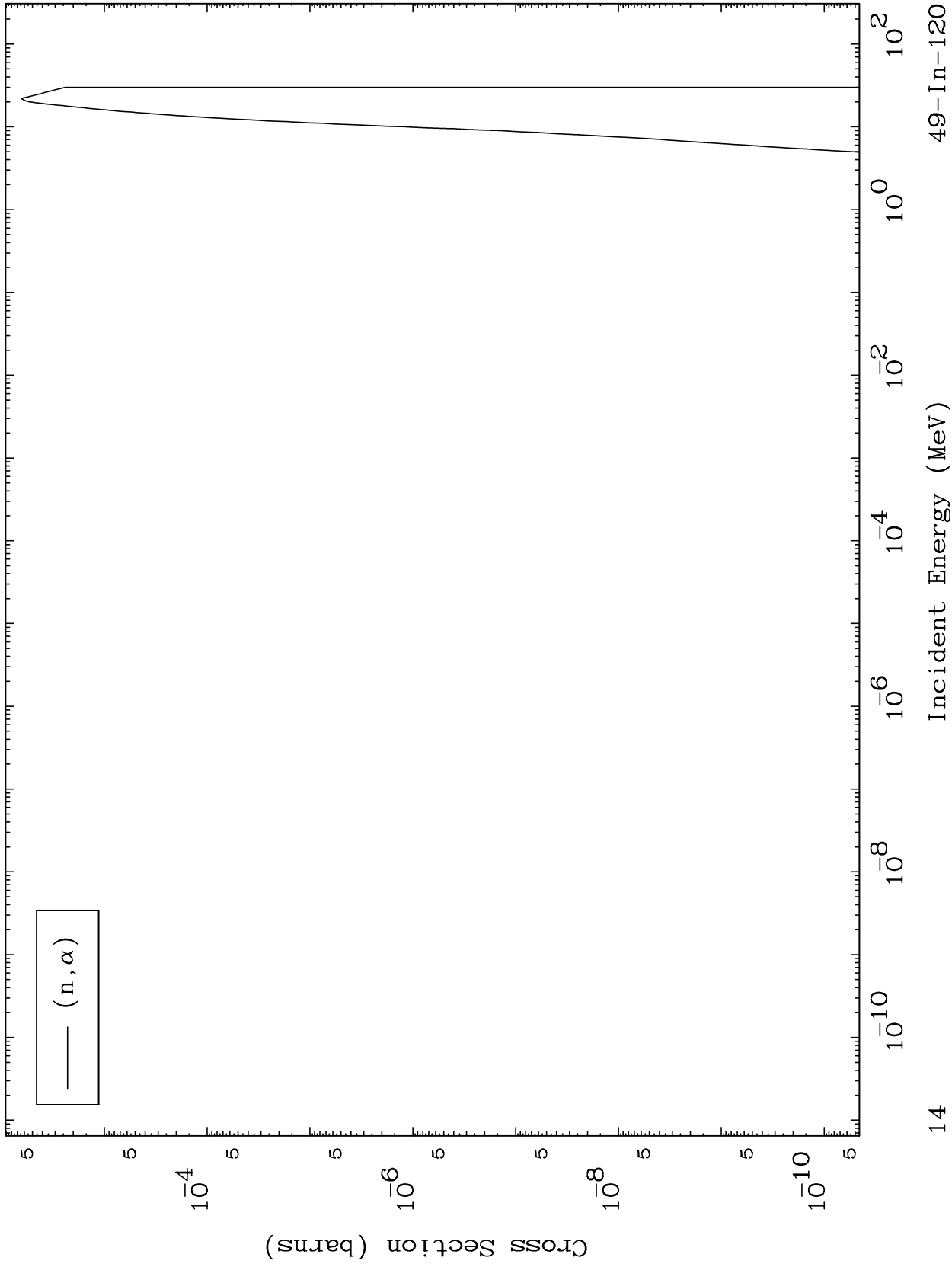
Incident Energy (MeV)

49-In-120

MAT 4946

(n, α) Levels
293 Kelvin Cross Sections

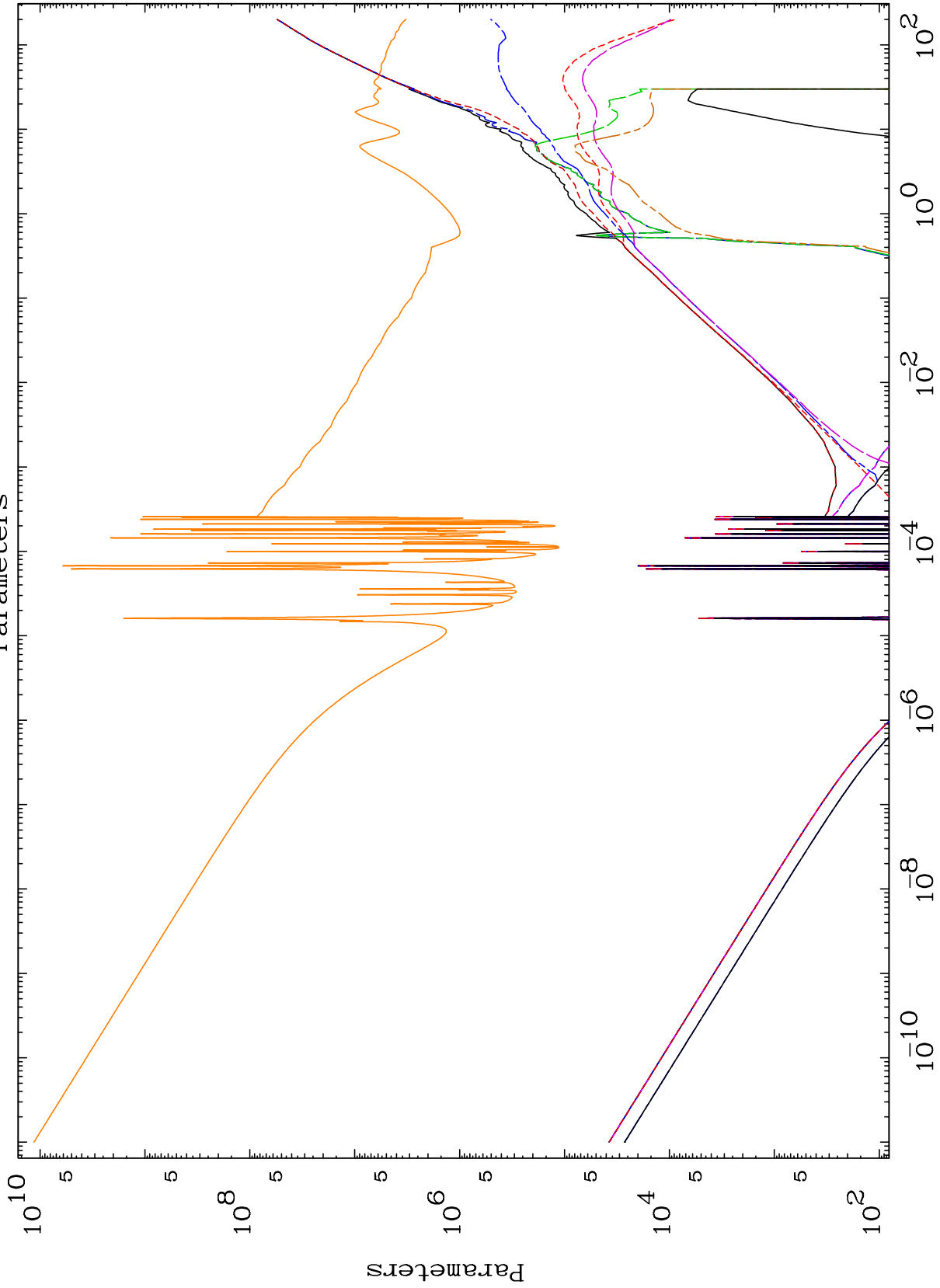
49-In-120



MAT 4946

Energy Release
Parameters

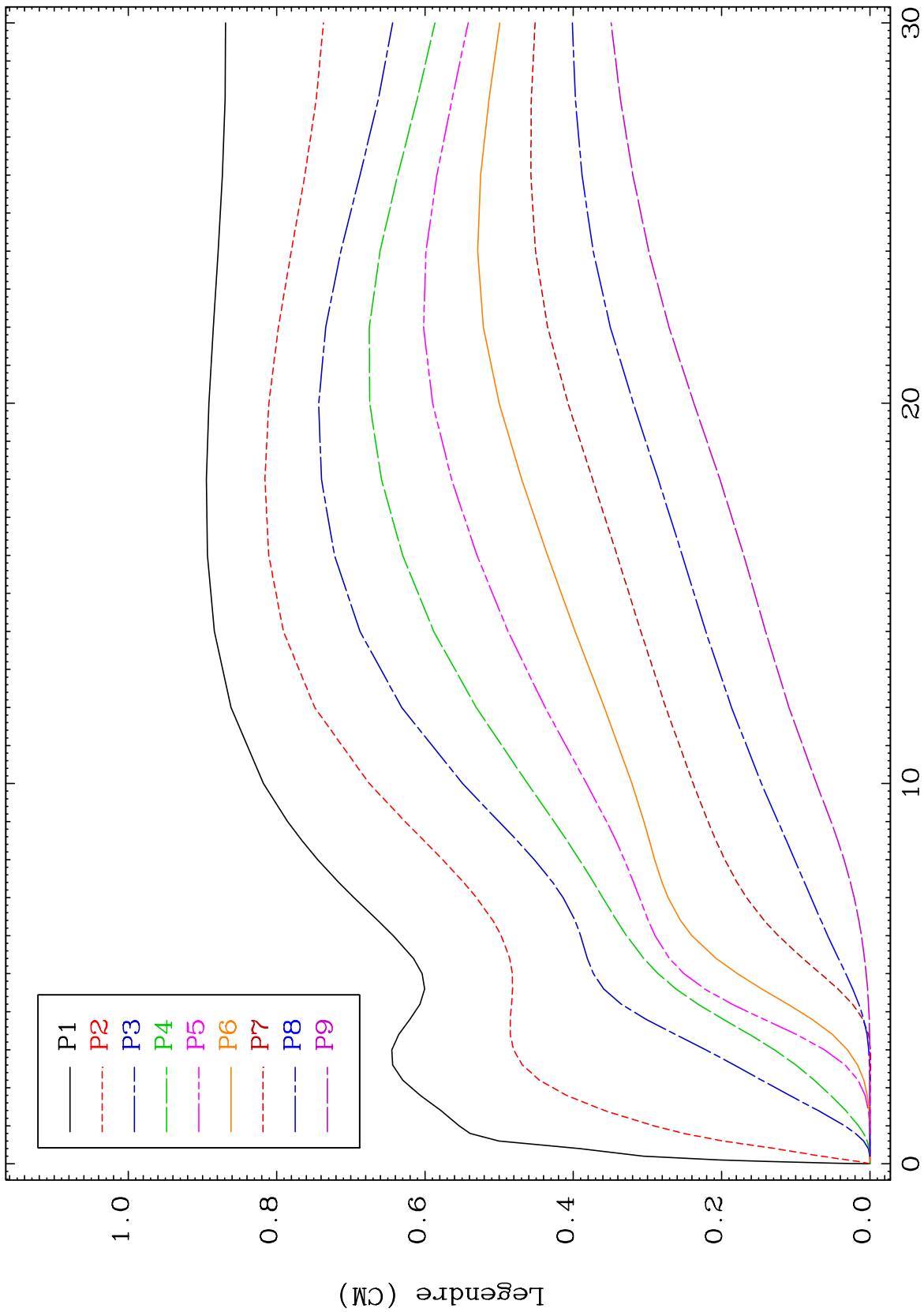
49-In-120



MAT 4946

Elastic Legendre Coefficients

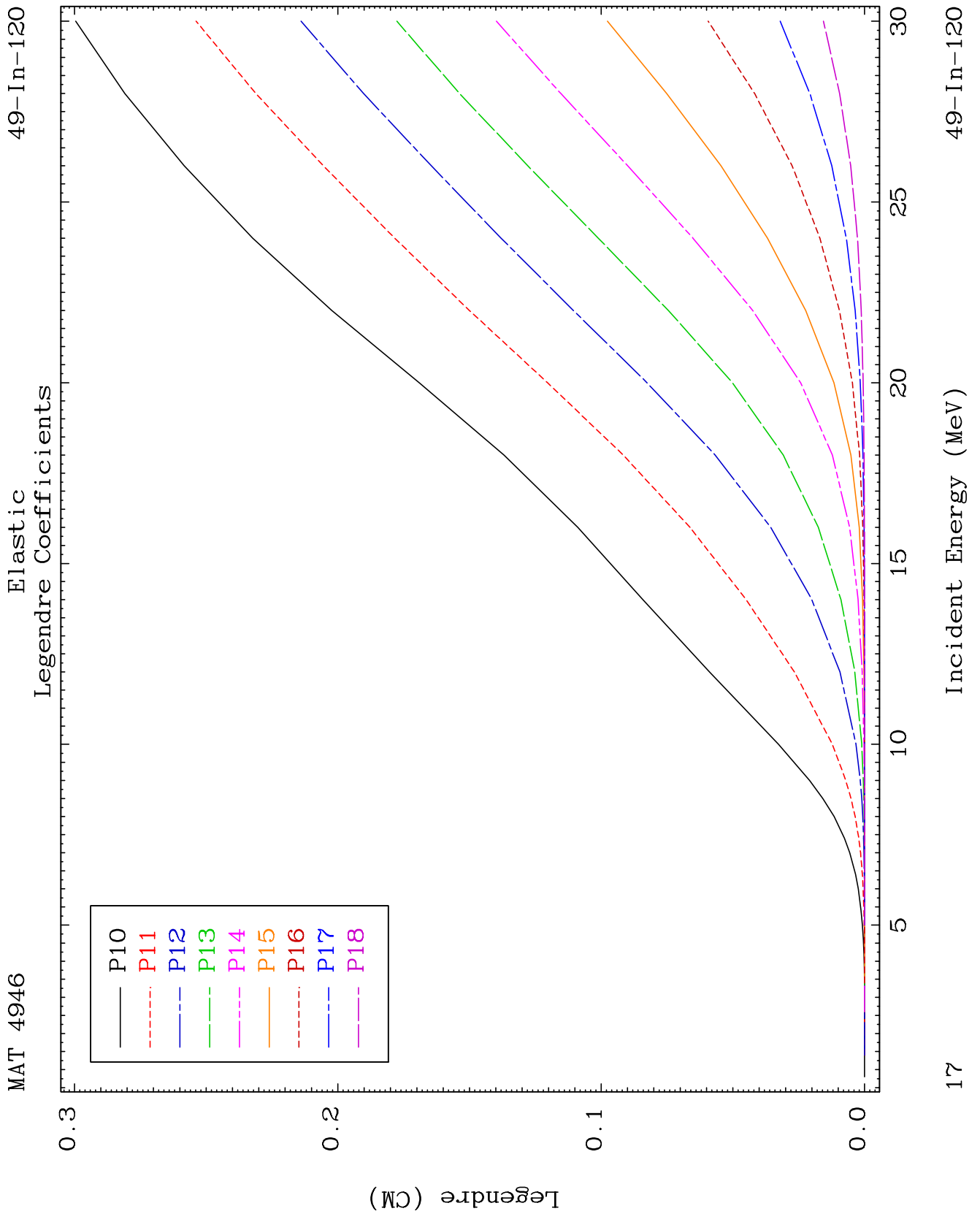
49-In-120



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Incident Energy (MeV)

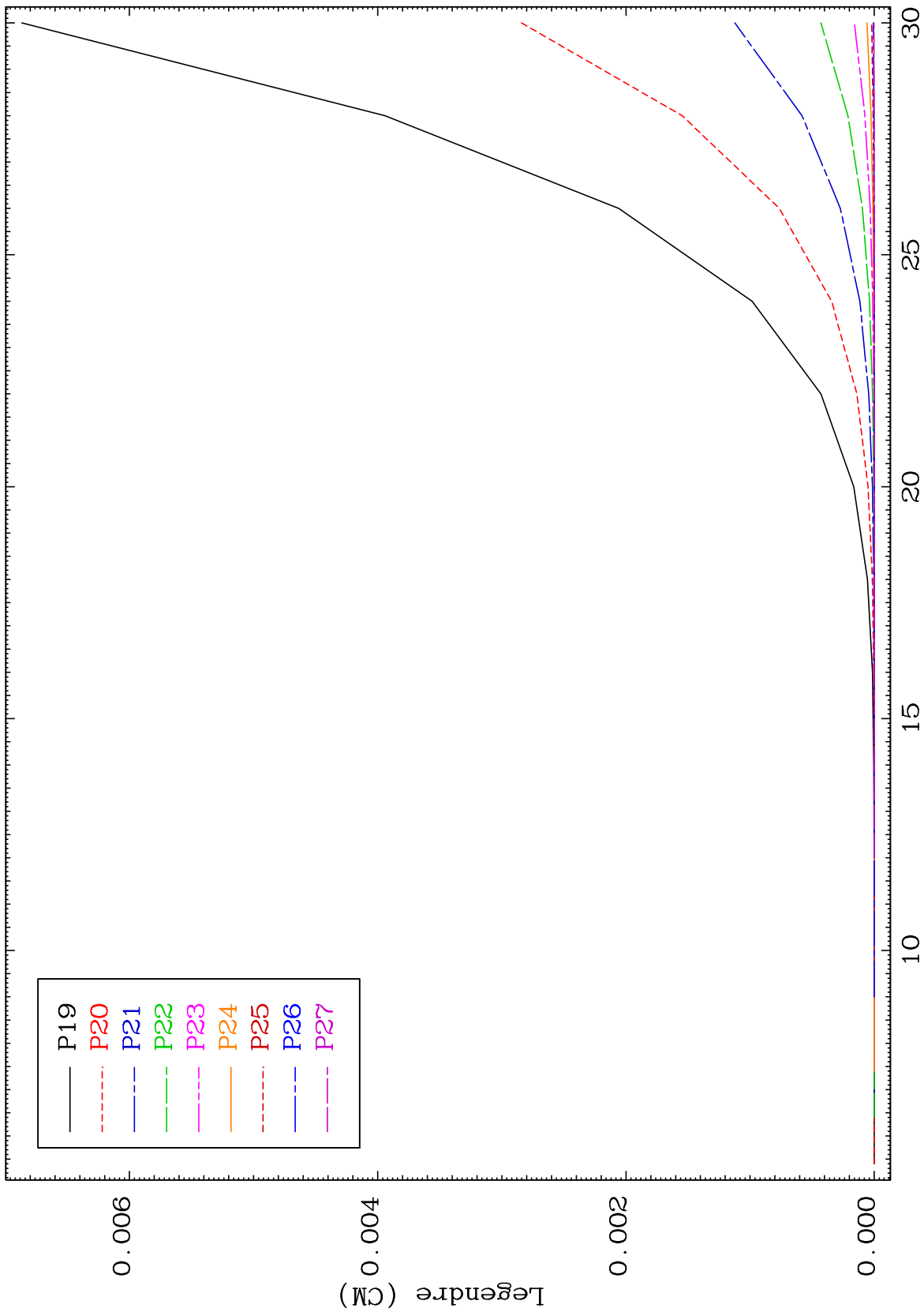
49-In-120



MAT 4946

Elastic
Legendre Coefficients

49-In-120



18

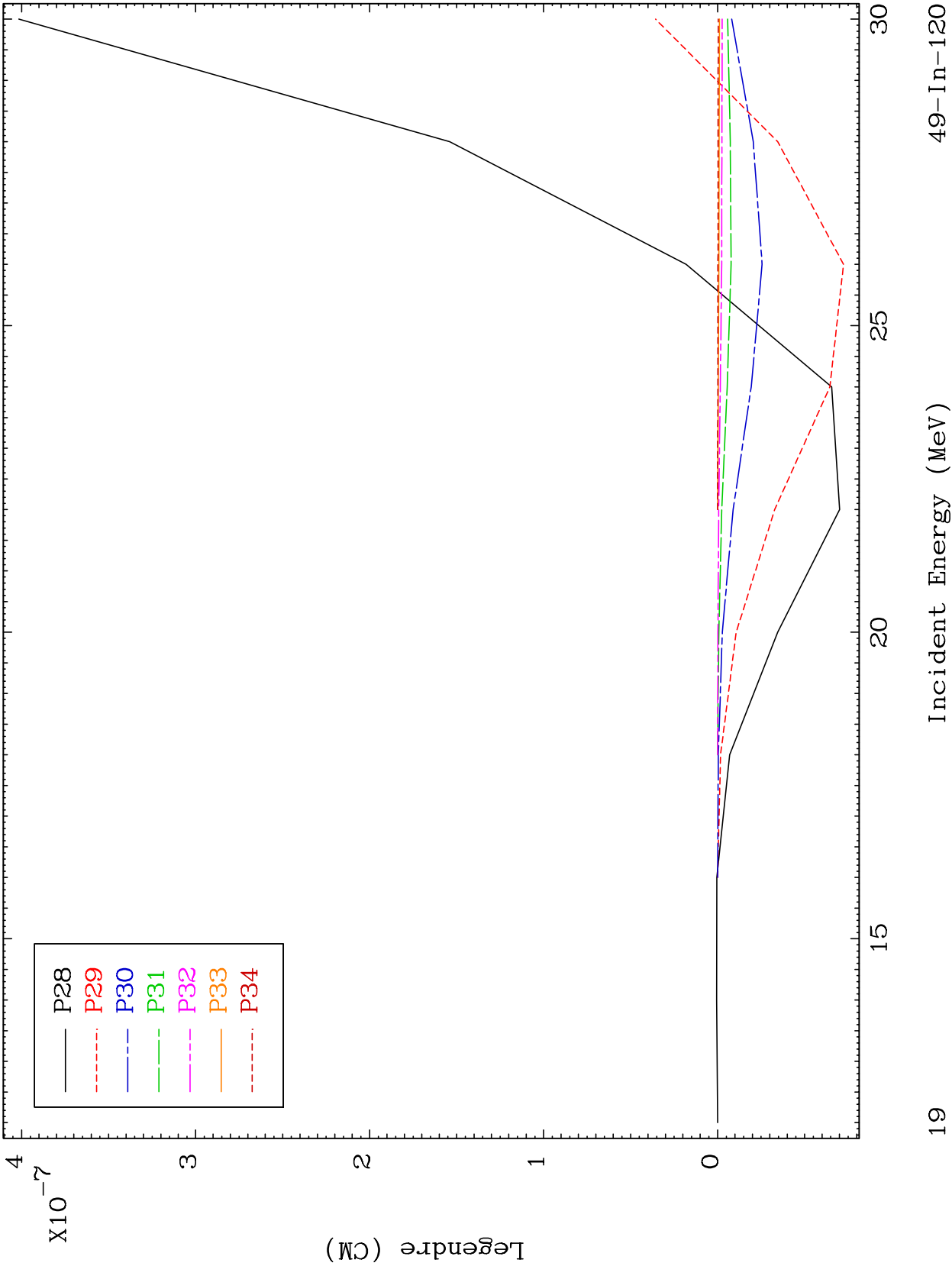
Incident Energy (MeV)

49-In-120

MAT 4946

Elastic Legendre Coefficients

49-In-120



19

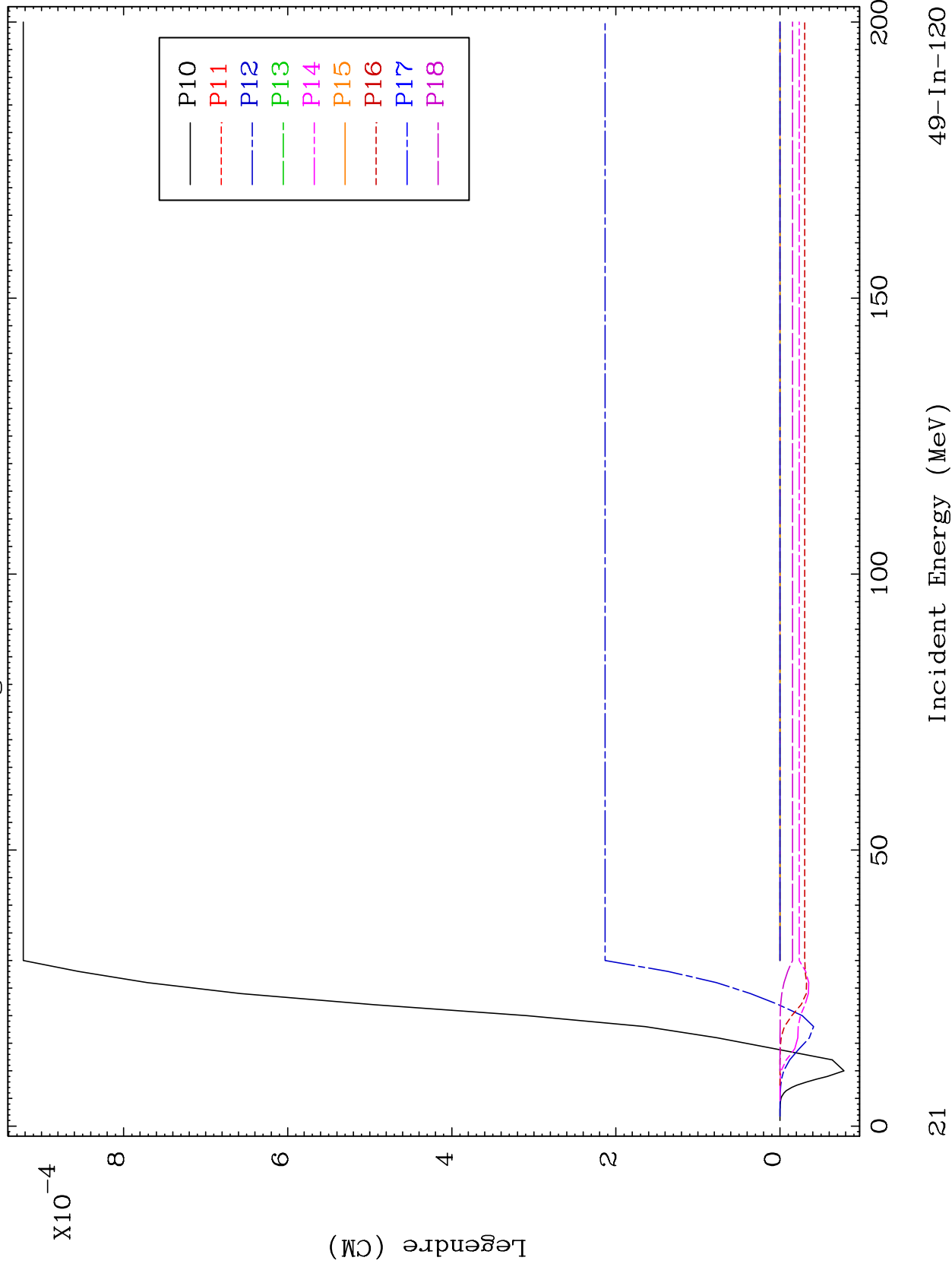
Incident Energy (MeV)

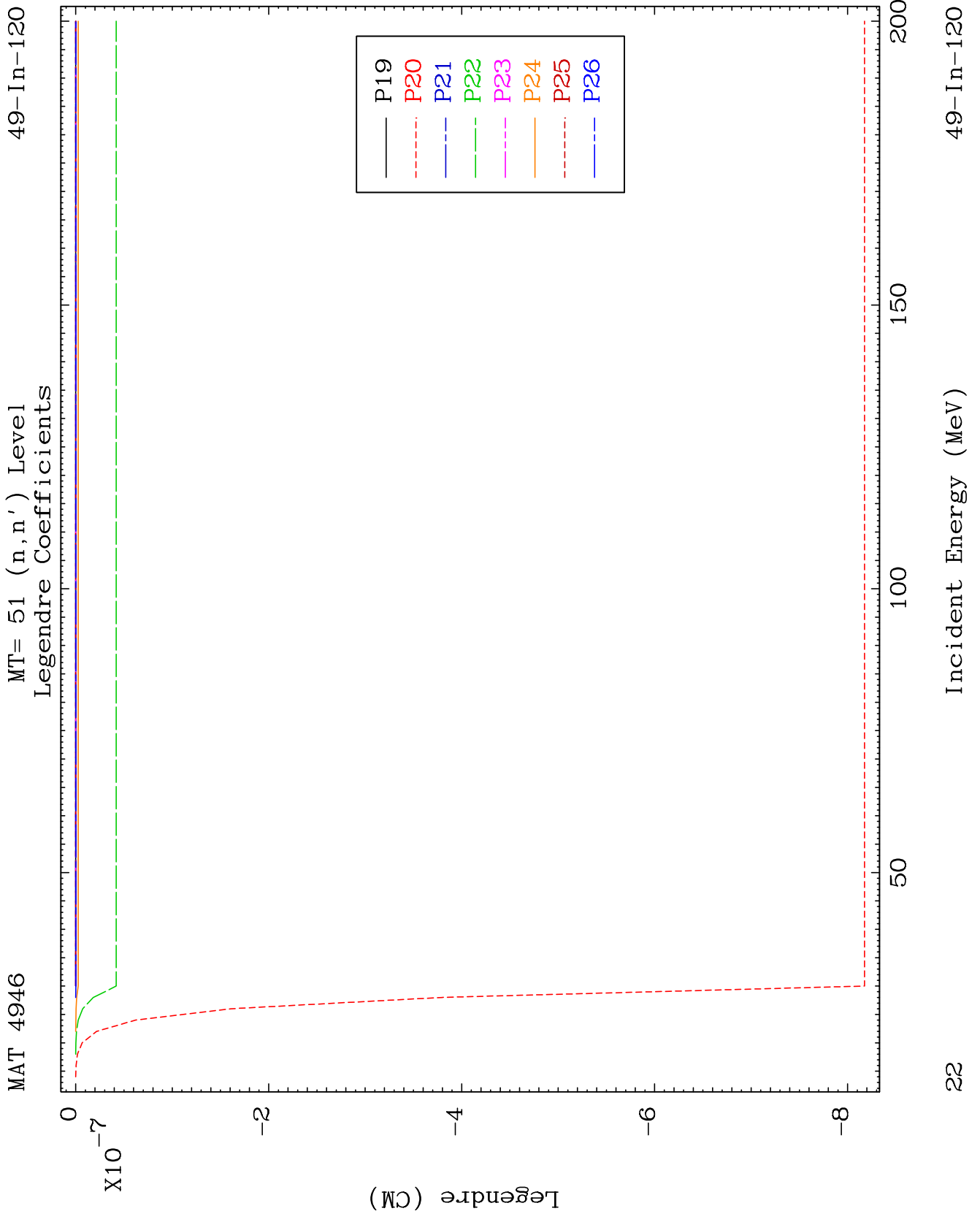
49-In-120

MAT 4946

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

49-In-120

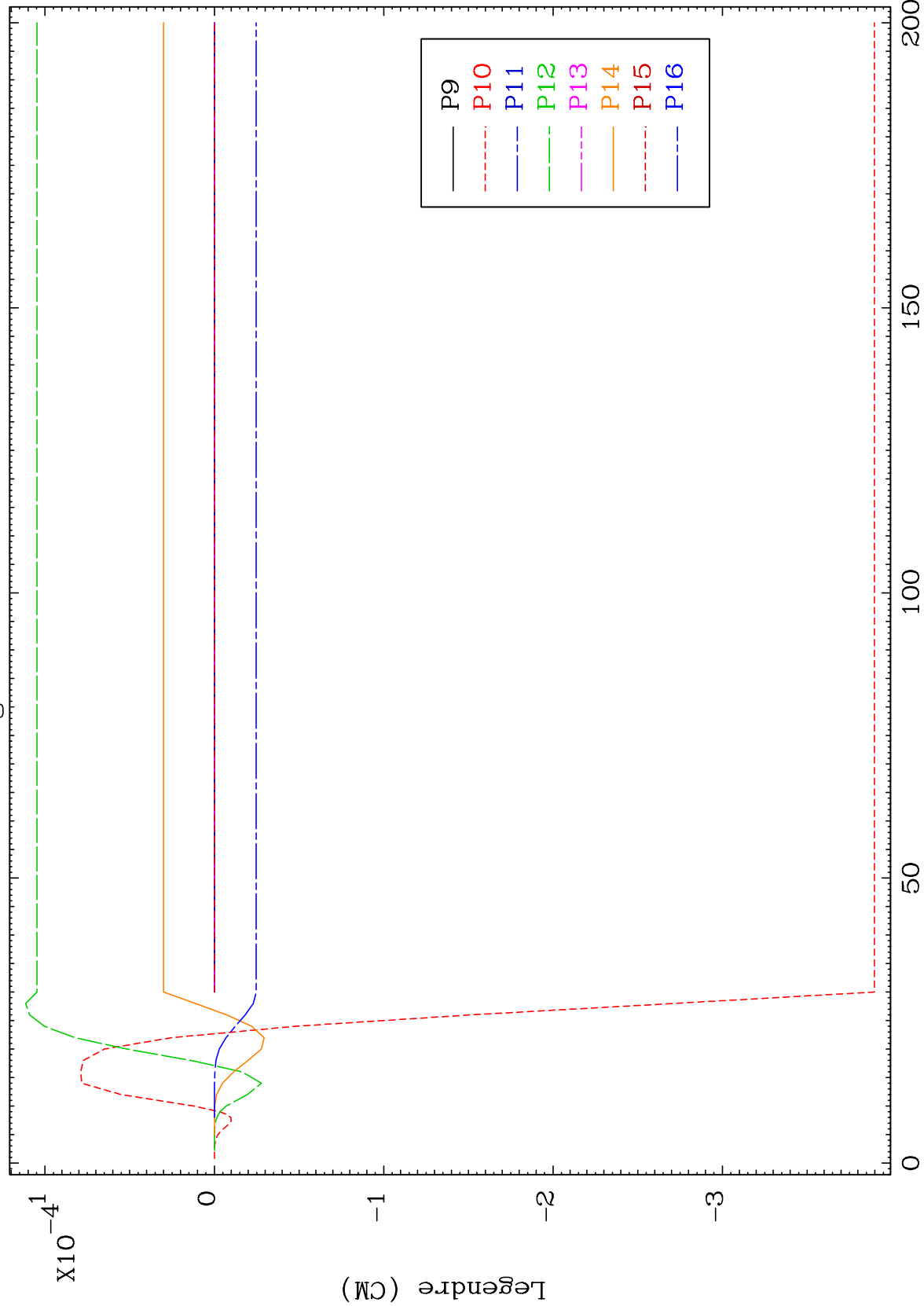




MAT 4946

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

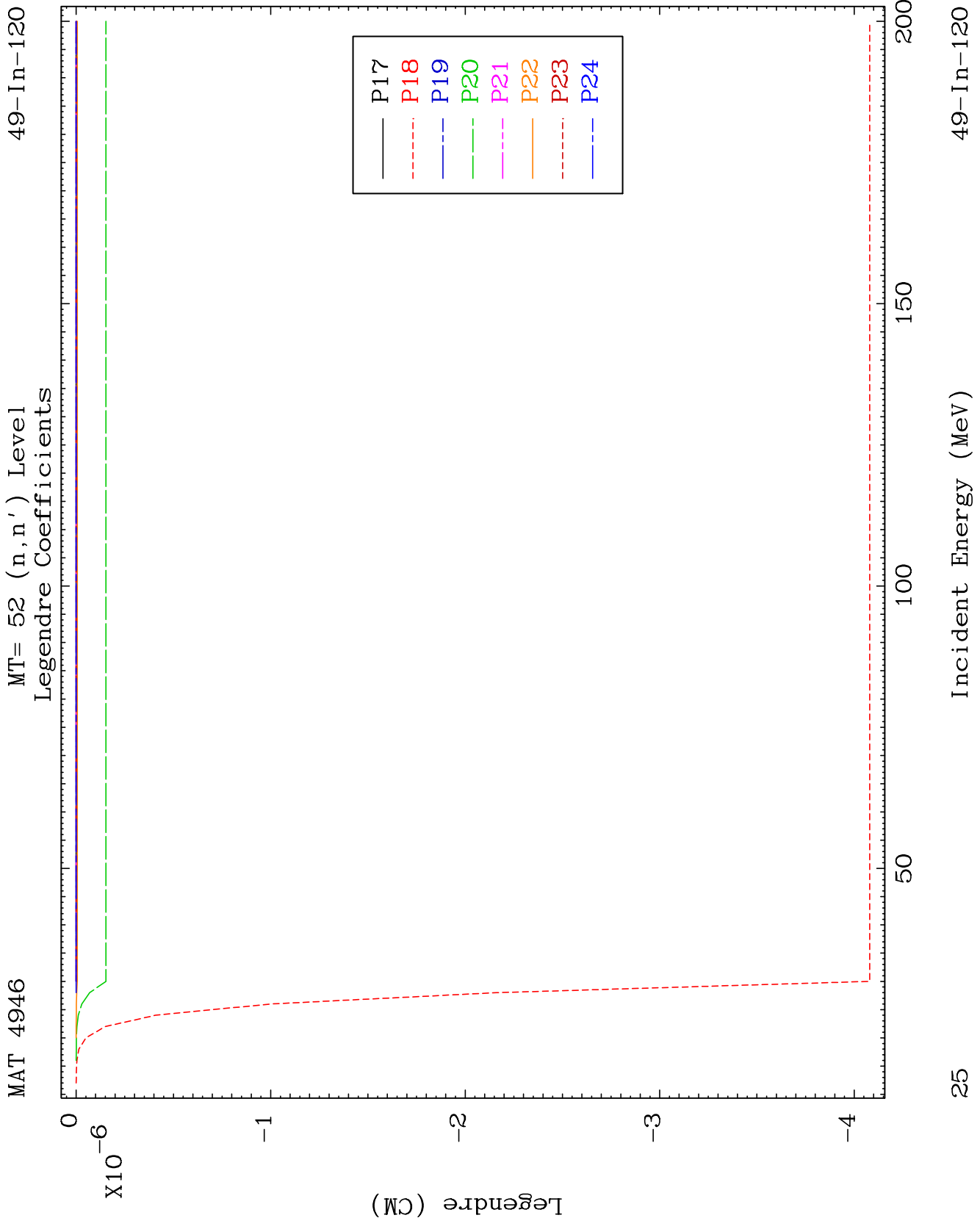
49-In-120

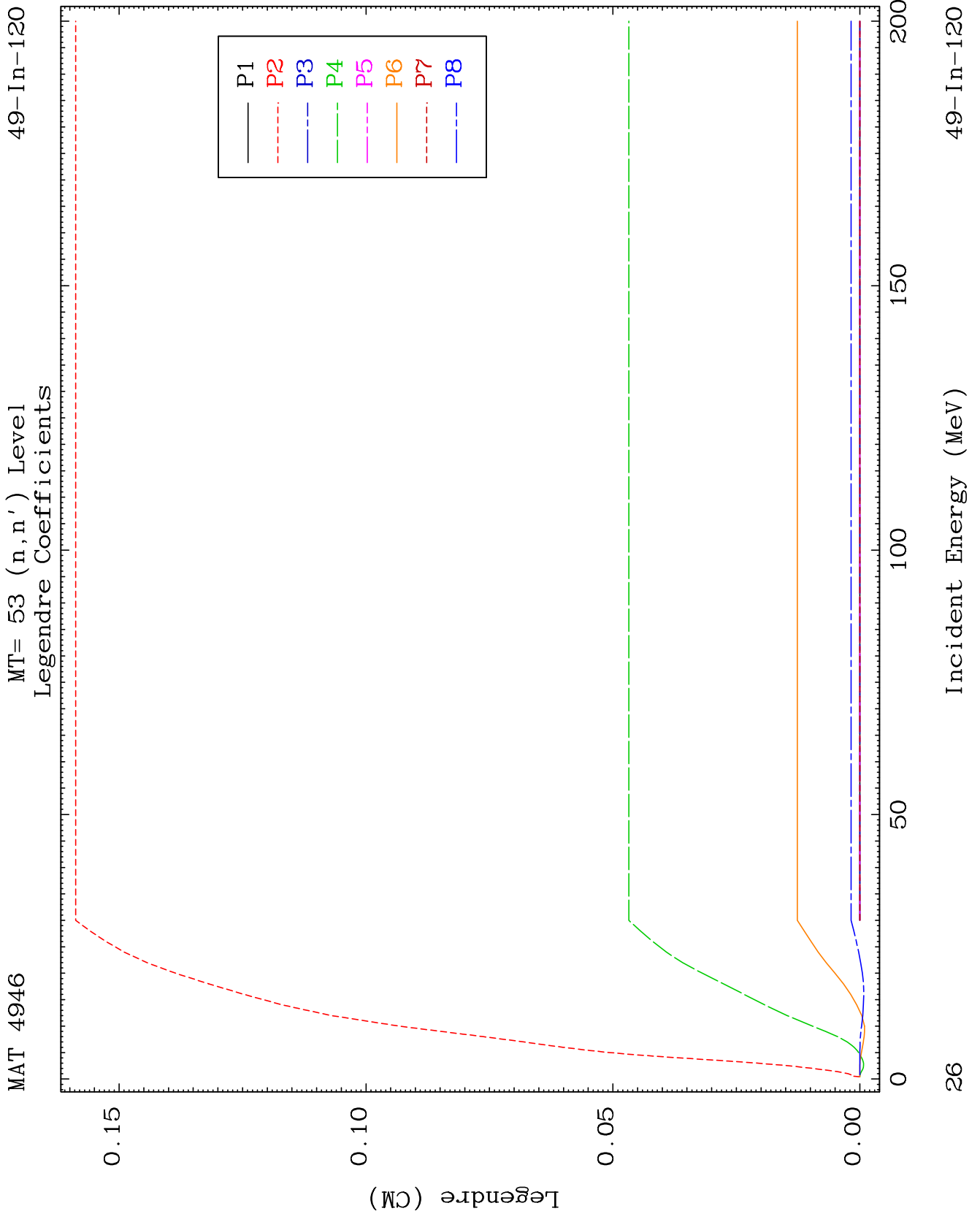


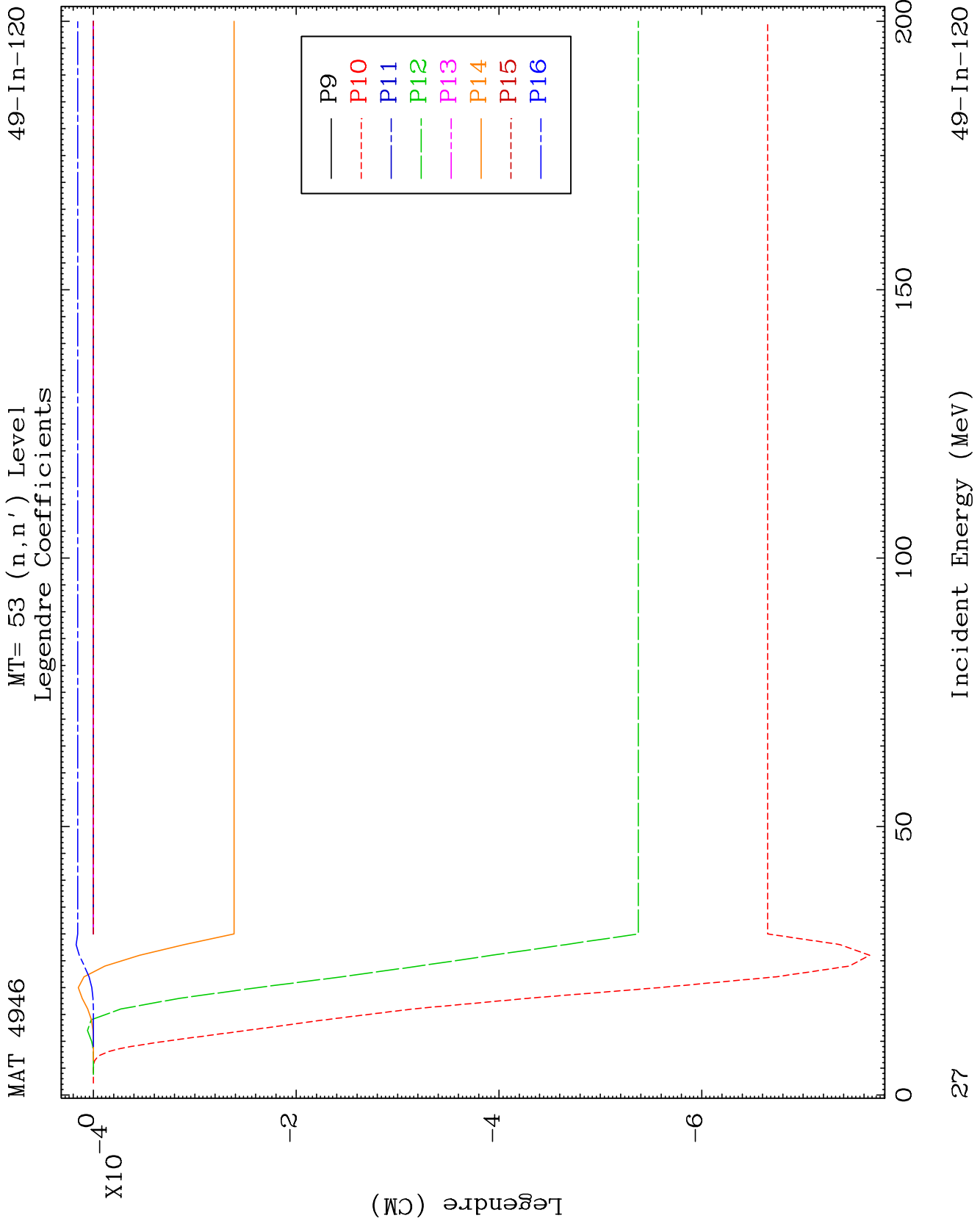
24

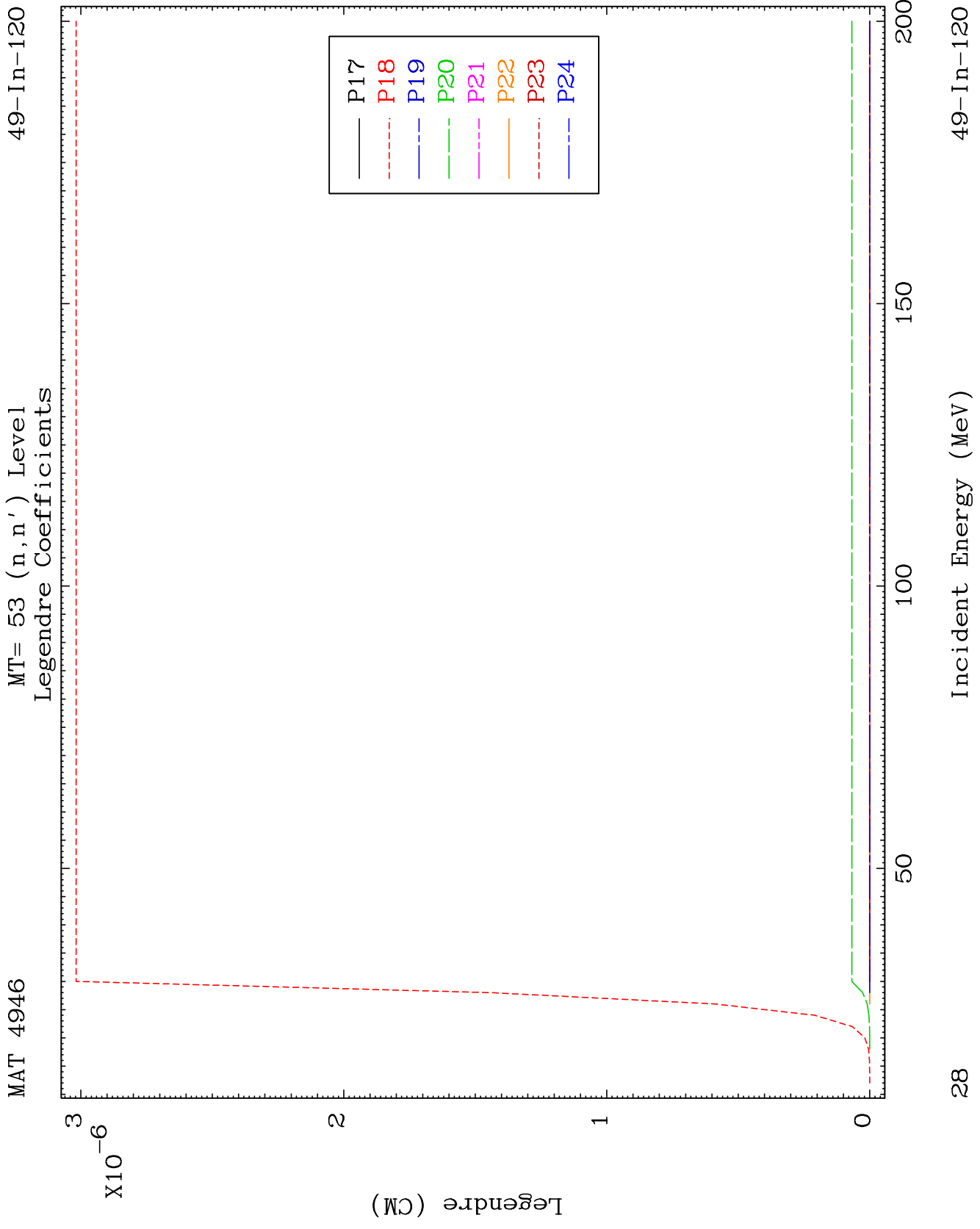
Incident Energy (MeV)

49-In-120





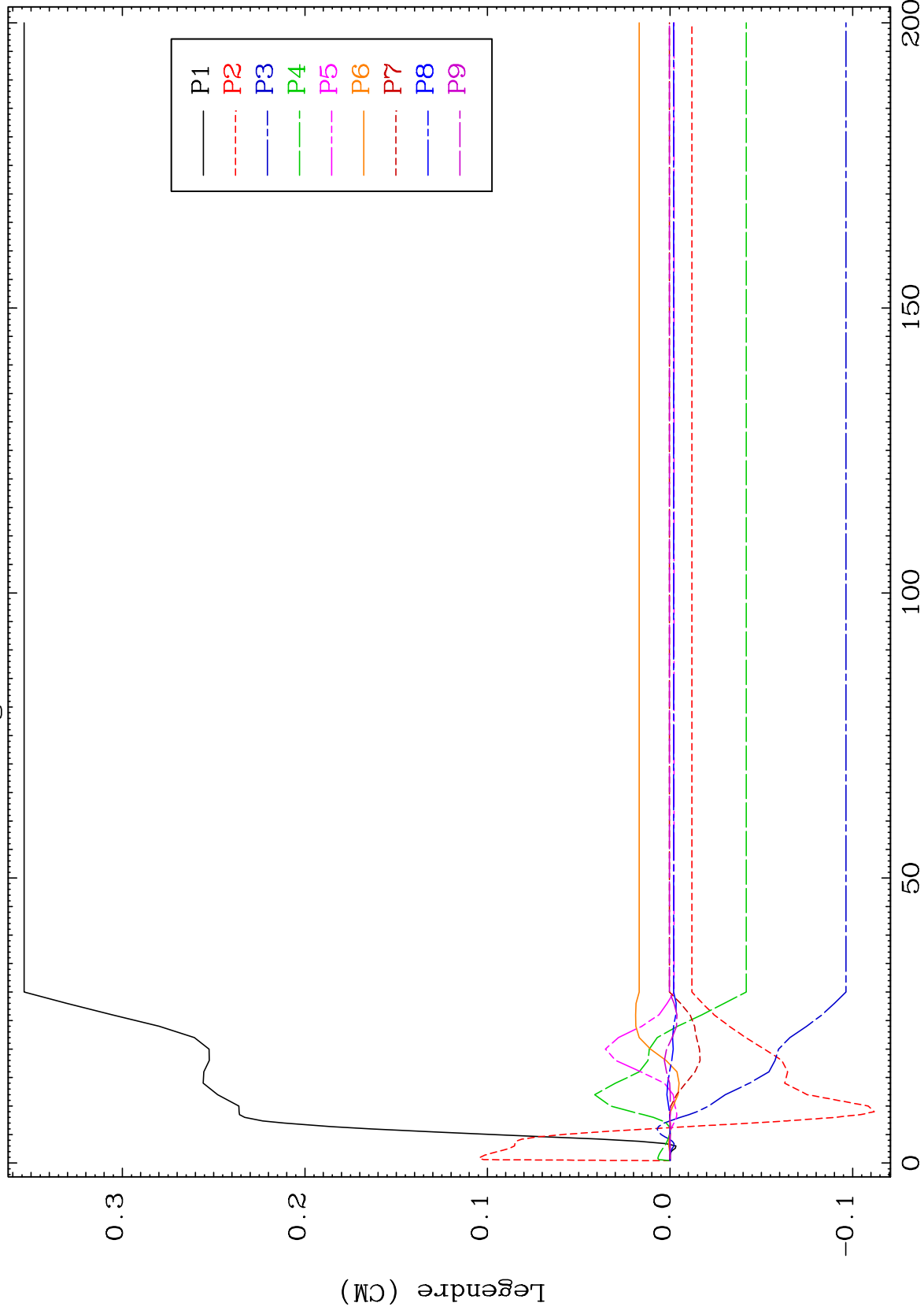




MAT 4946

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

49-In-120



29

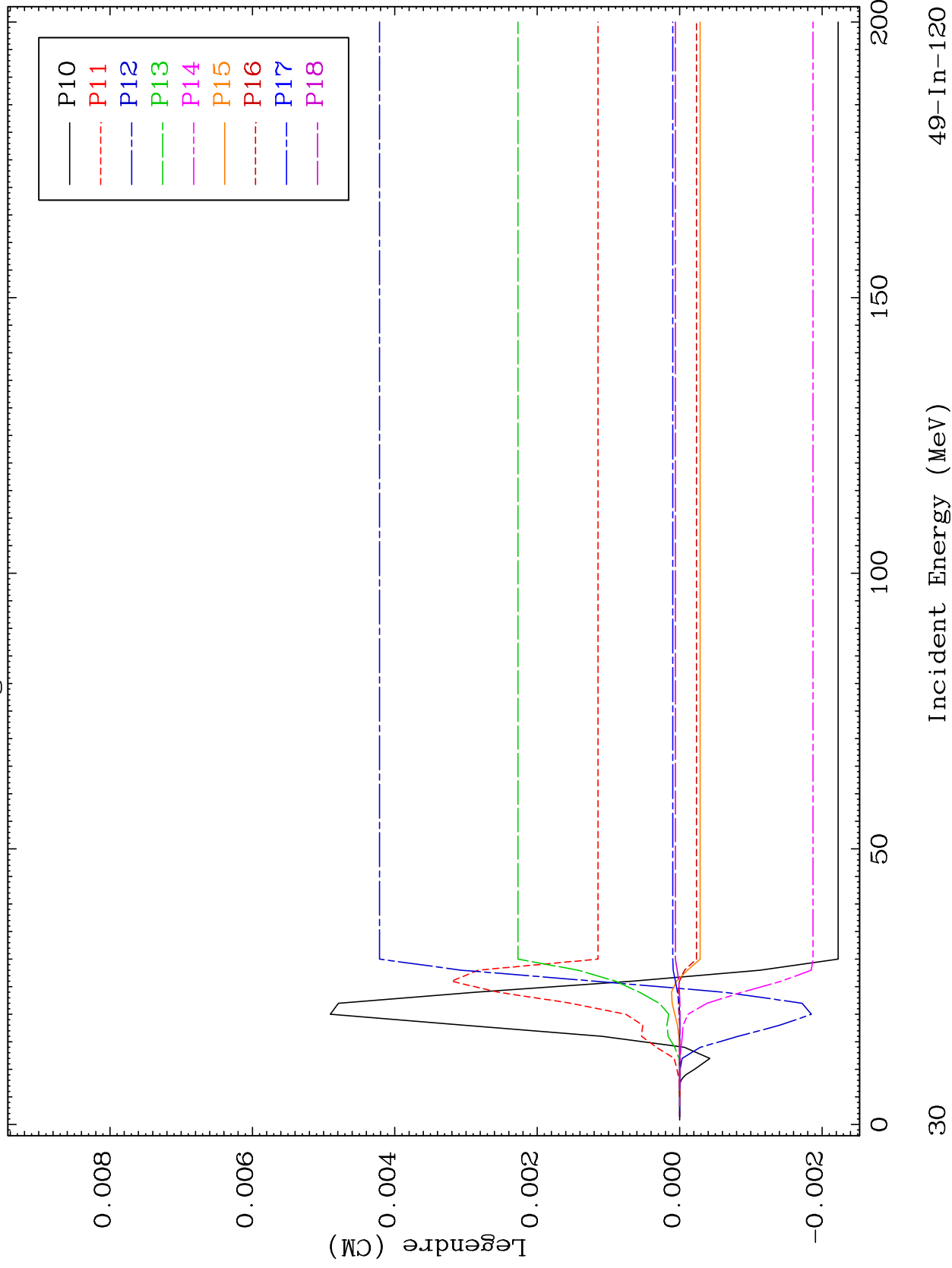
49-In-120

49-In-120

MAT 4946

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

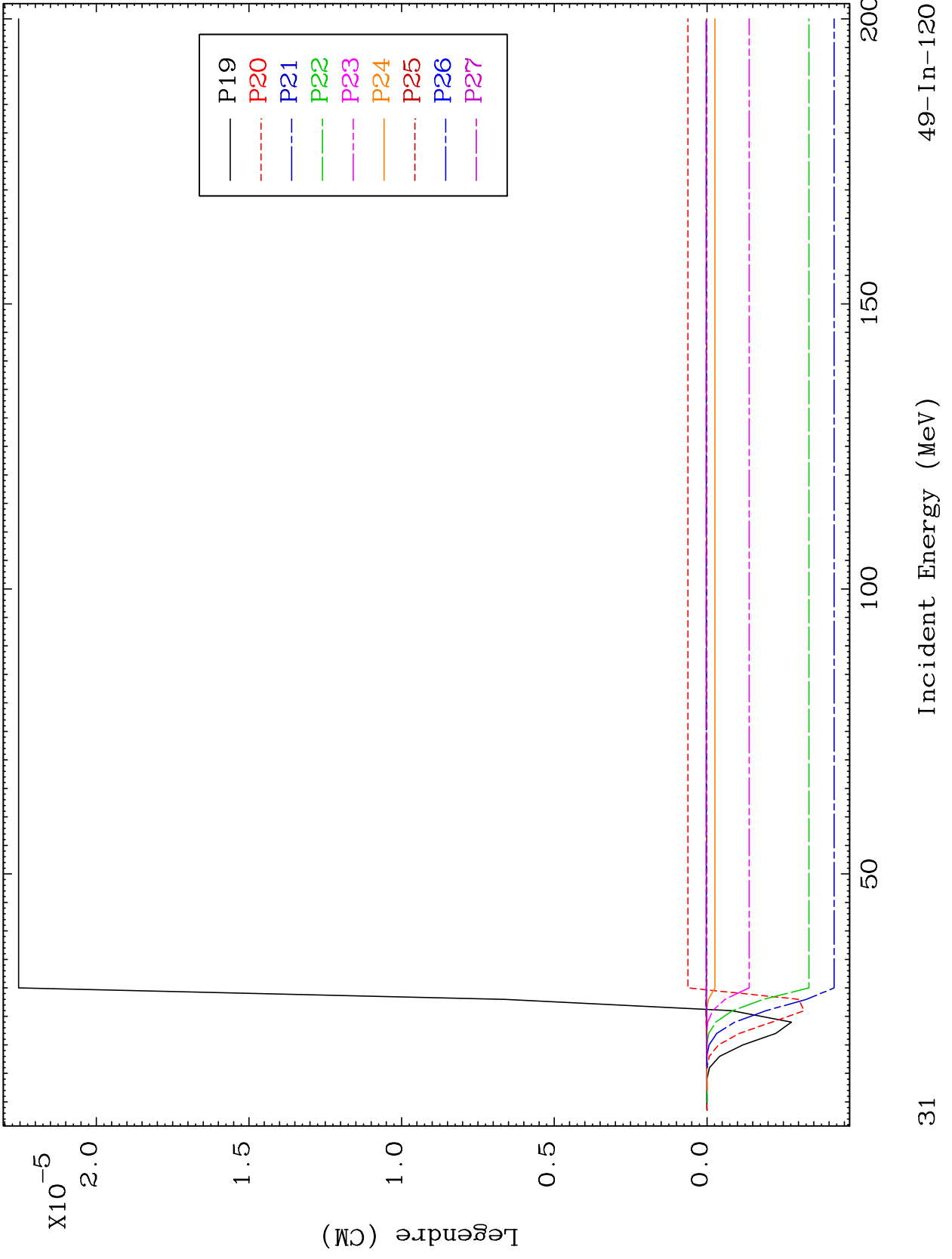
49-In-120



MAT 4946

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

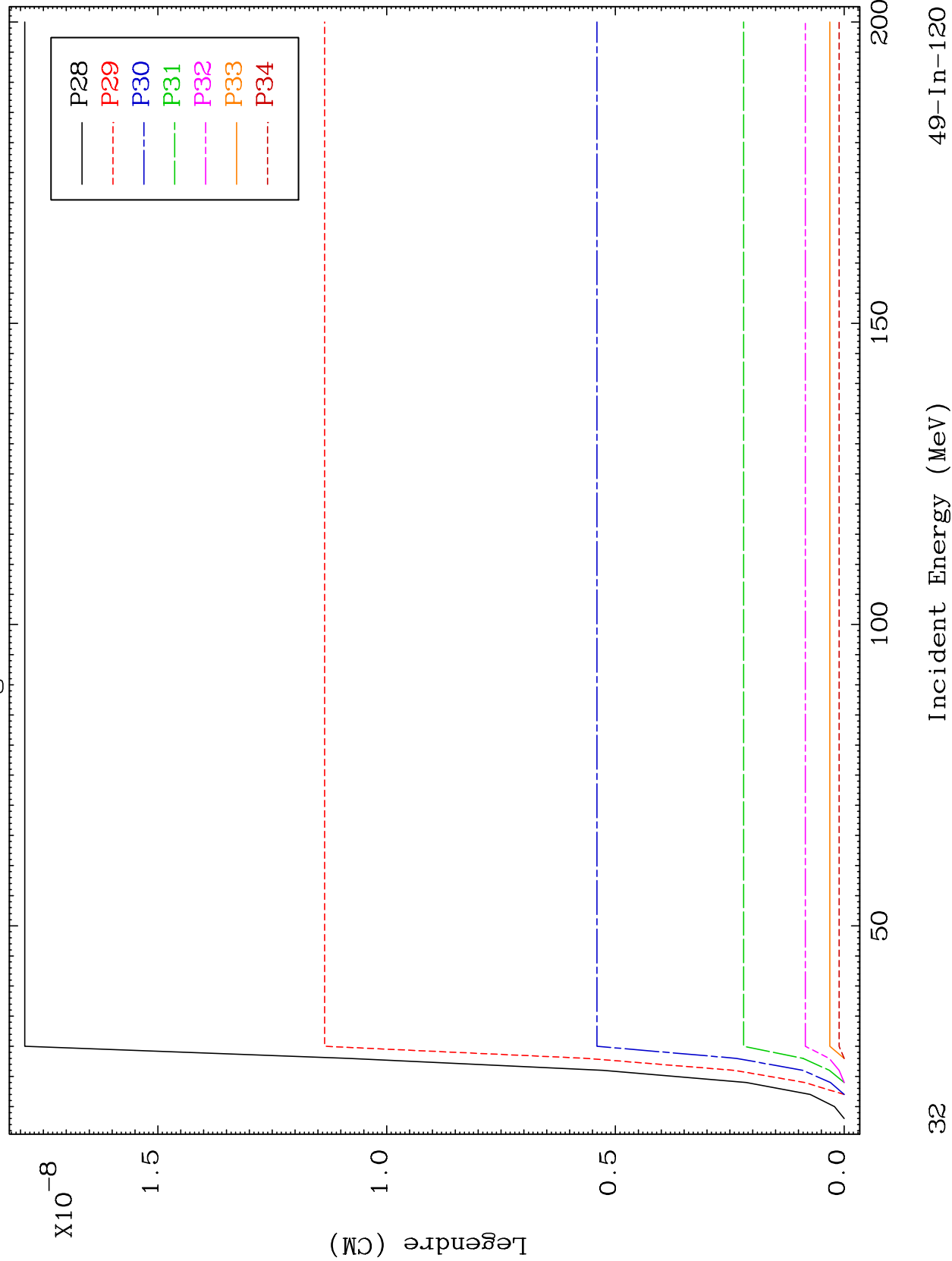
49-In-120



MAT 4946

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

49-In-120



32

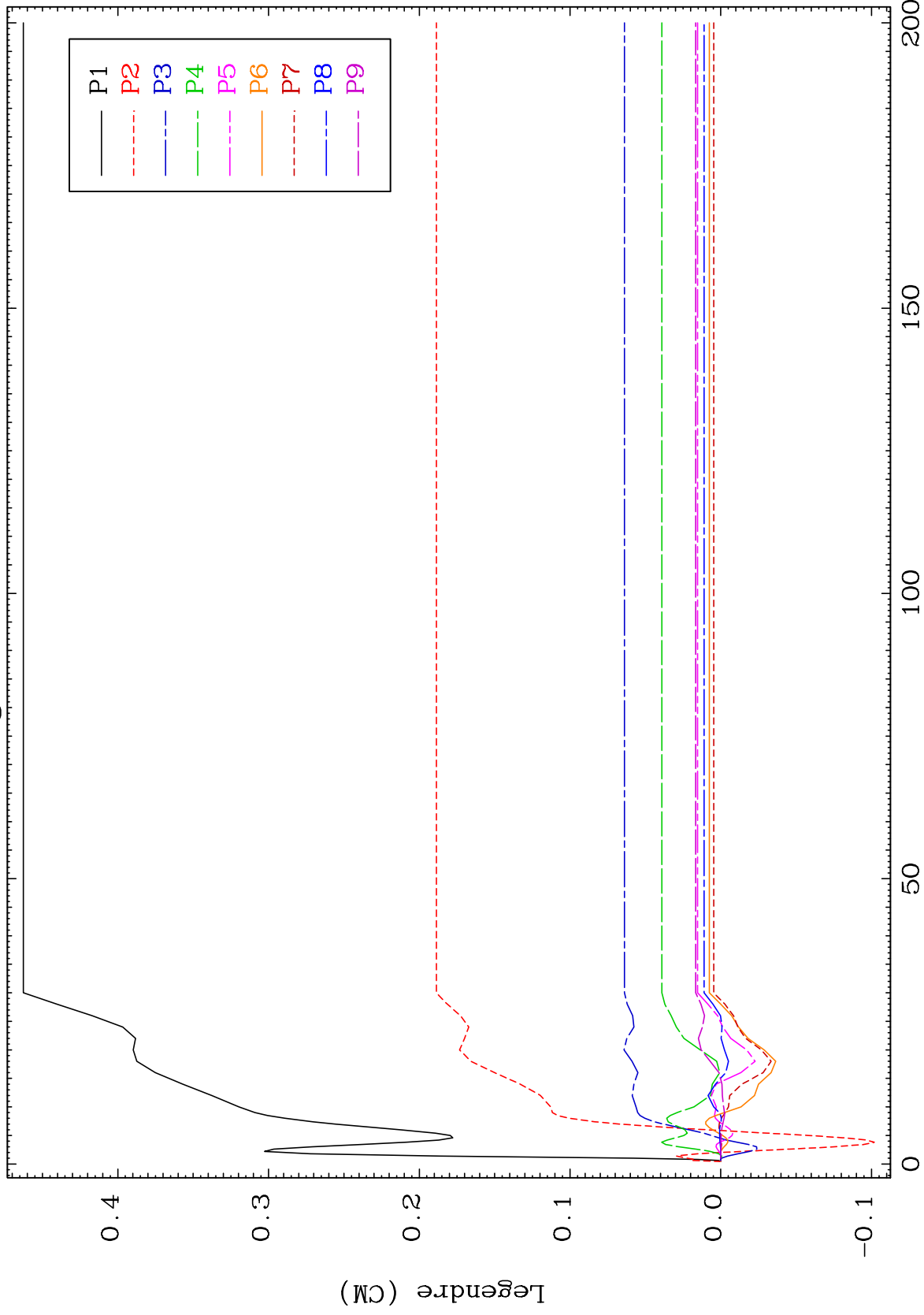
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



33

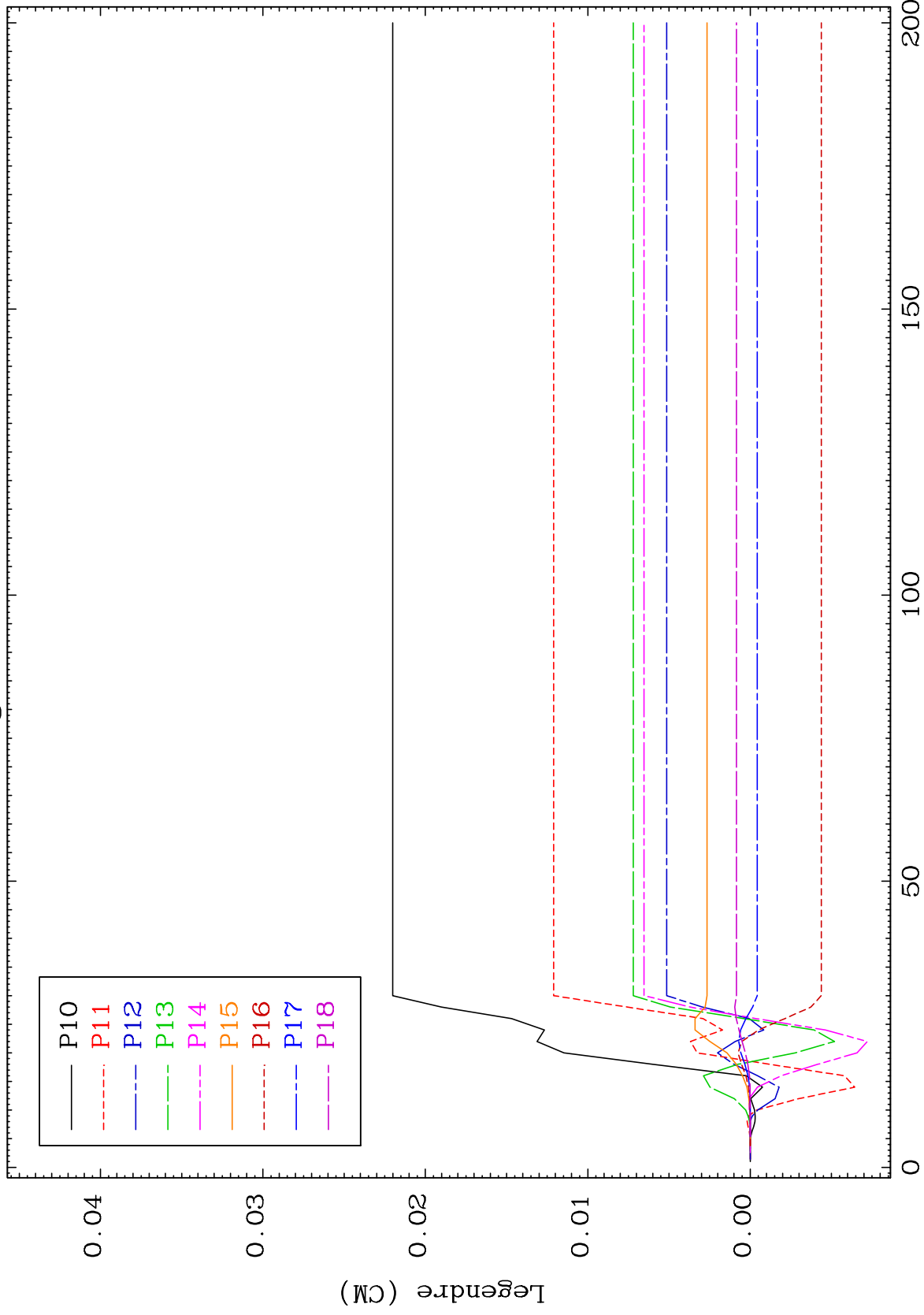
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



34

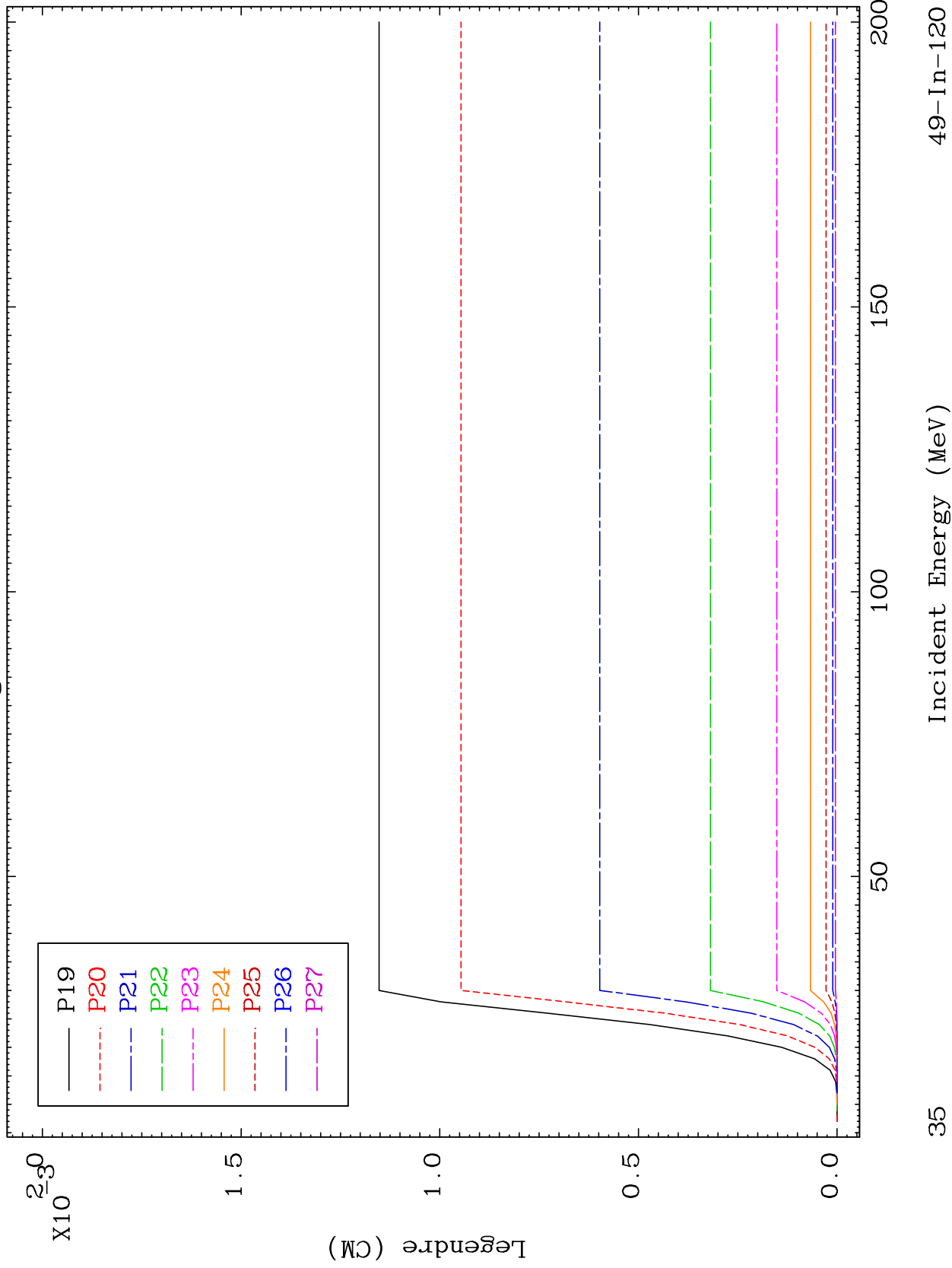
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



35

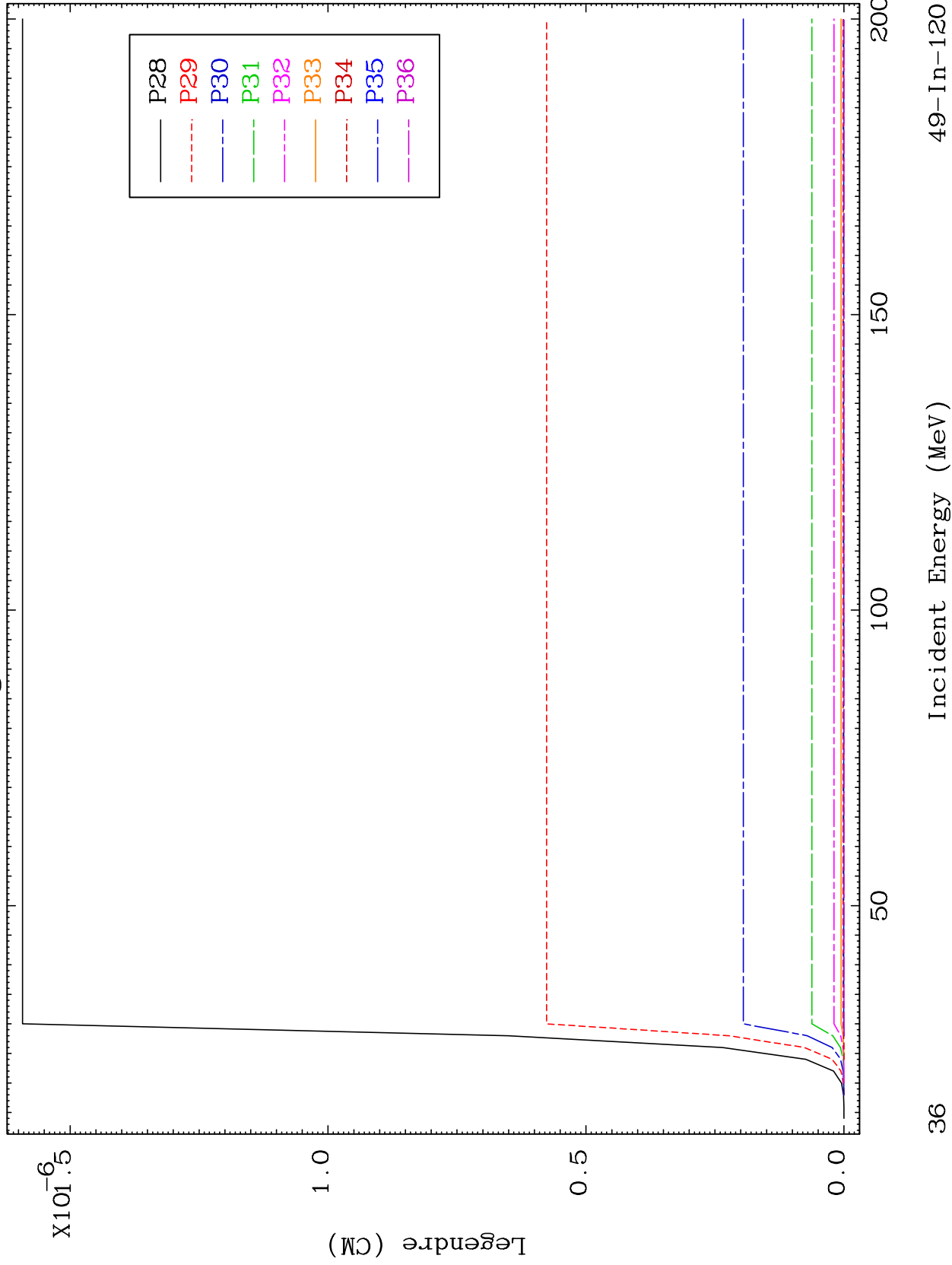
Incident Energy (MeV)

49-In-120

MAT 4946

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

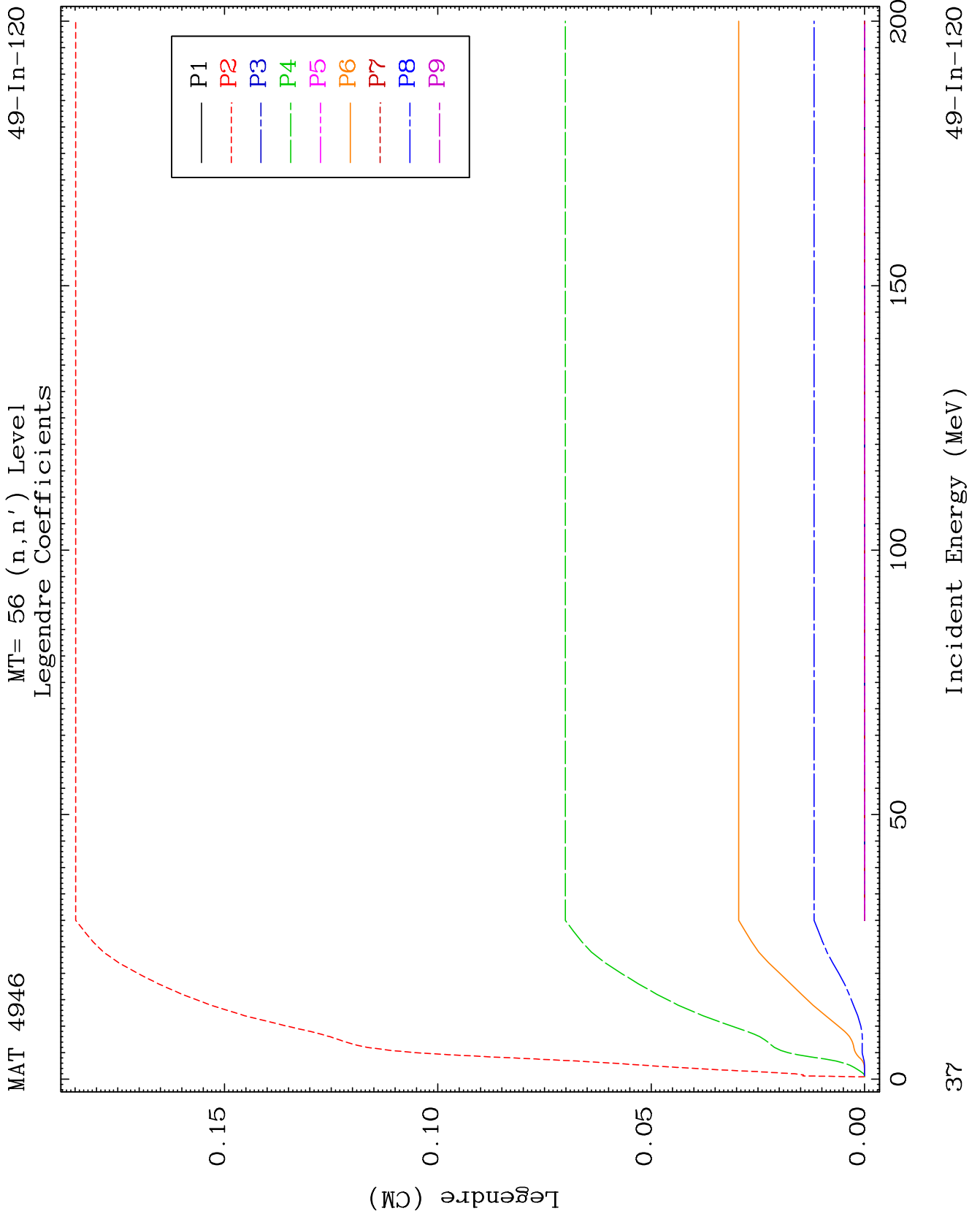
49-In-120



36

Incident Energy (MeV)

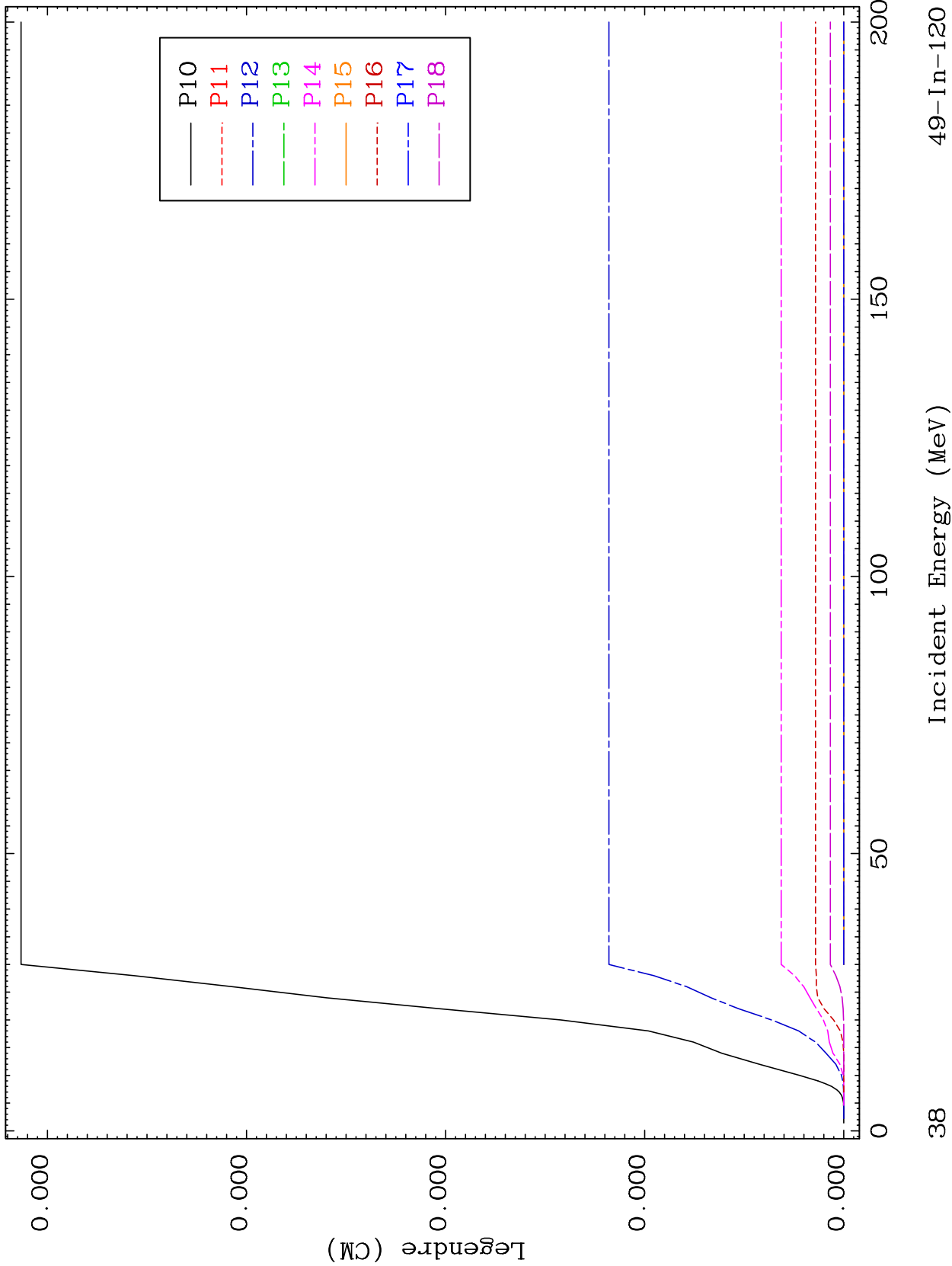
49-In-120



MAT 4946

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

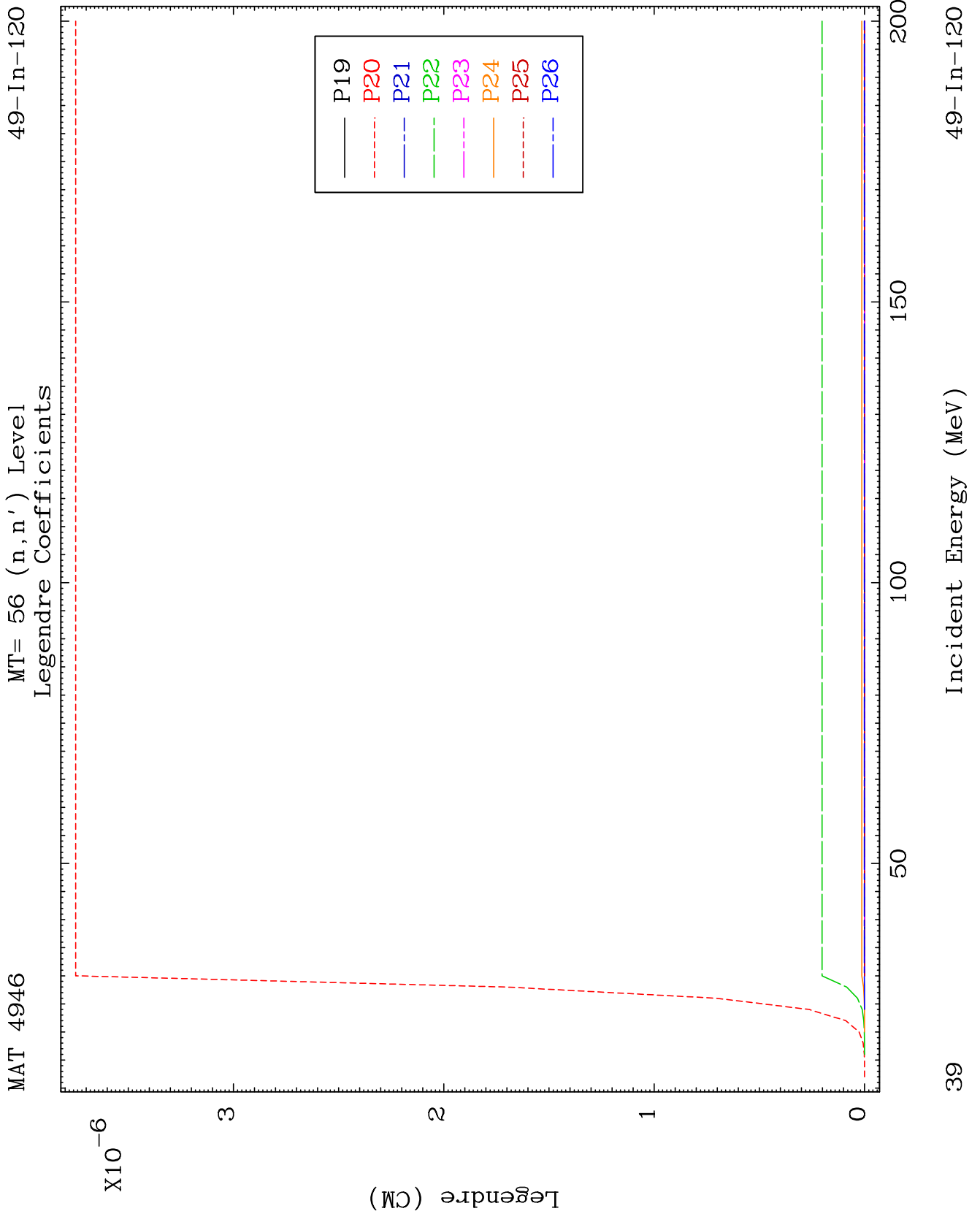
49-In-120



38

Incident Energy (MeV)

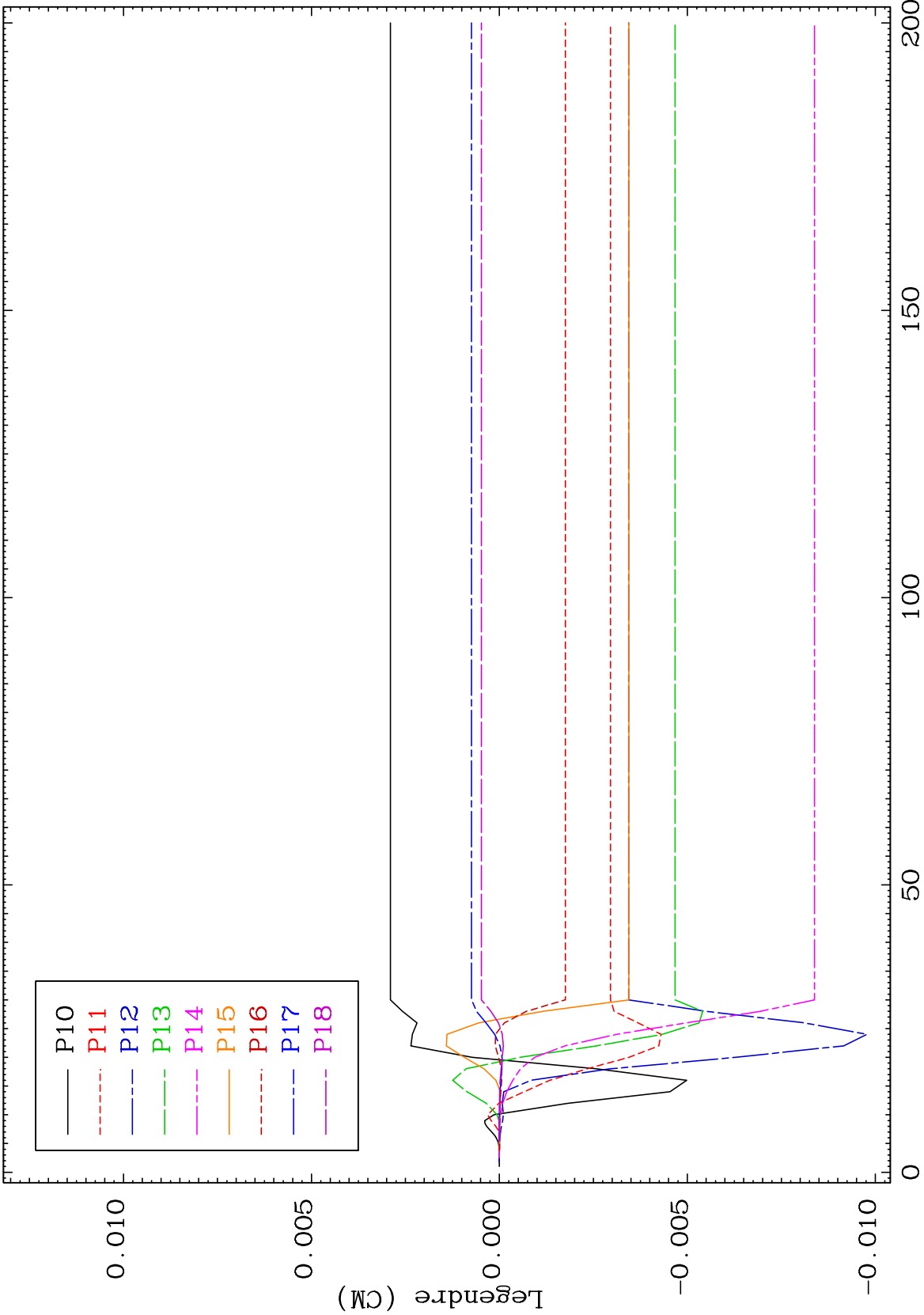
49-In-120



MAT 4946

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

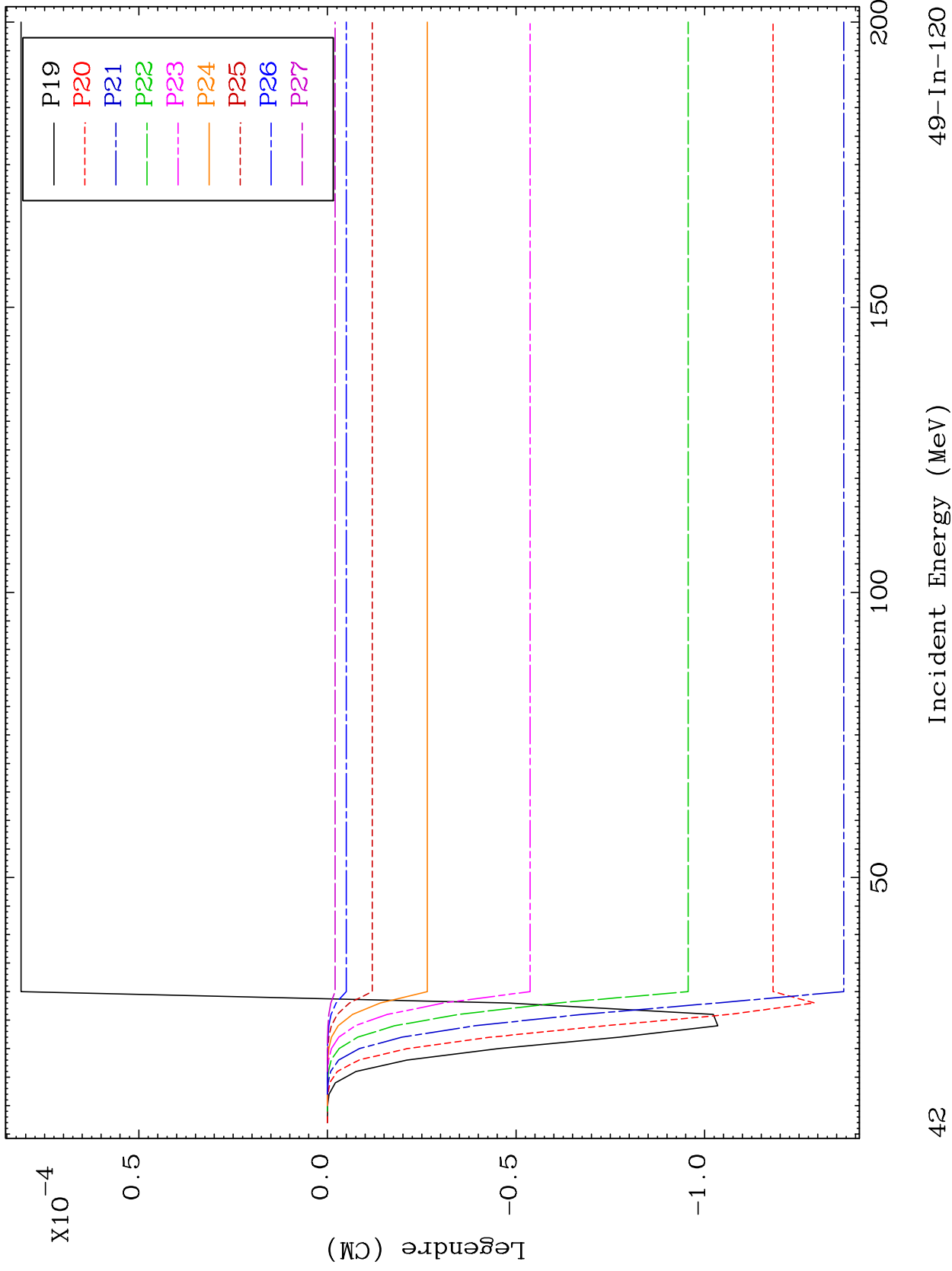
49-In-120



MAT 4946

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

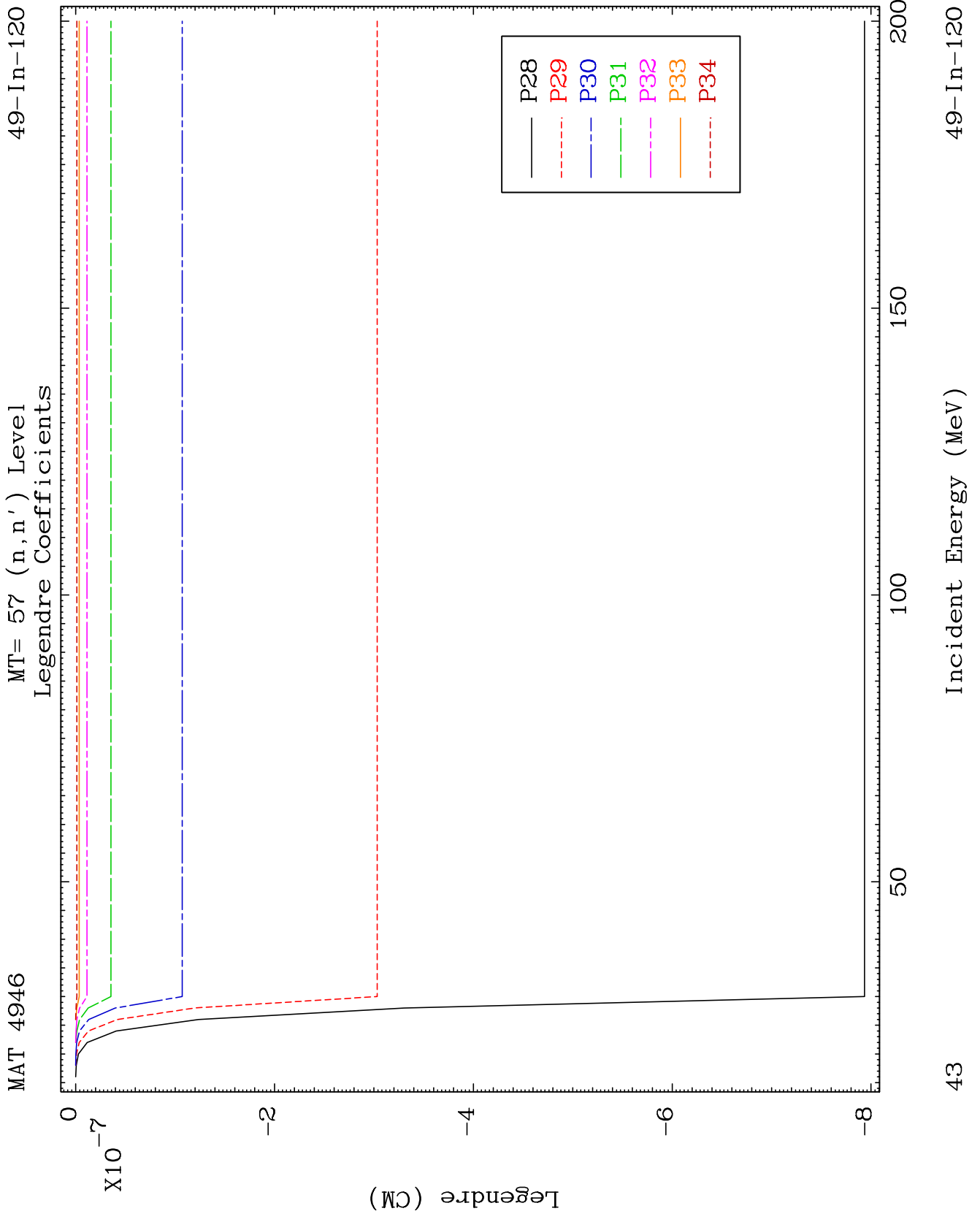
49-In-120



42

Incident Energy (MeV)

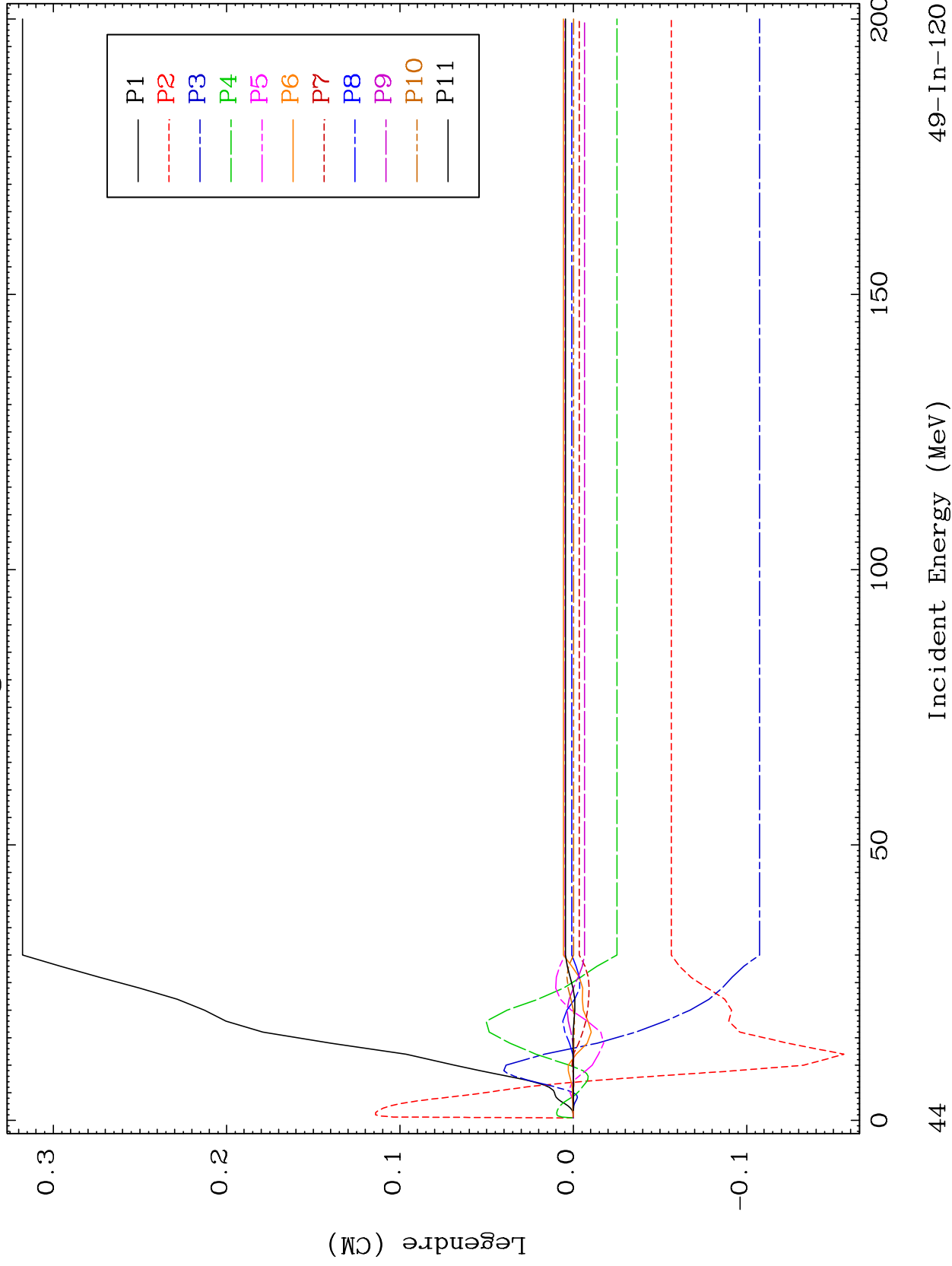
49-In-120



MAT 4946

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

49-In-120



49-In-120

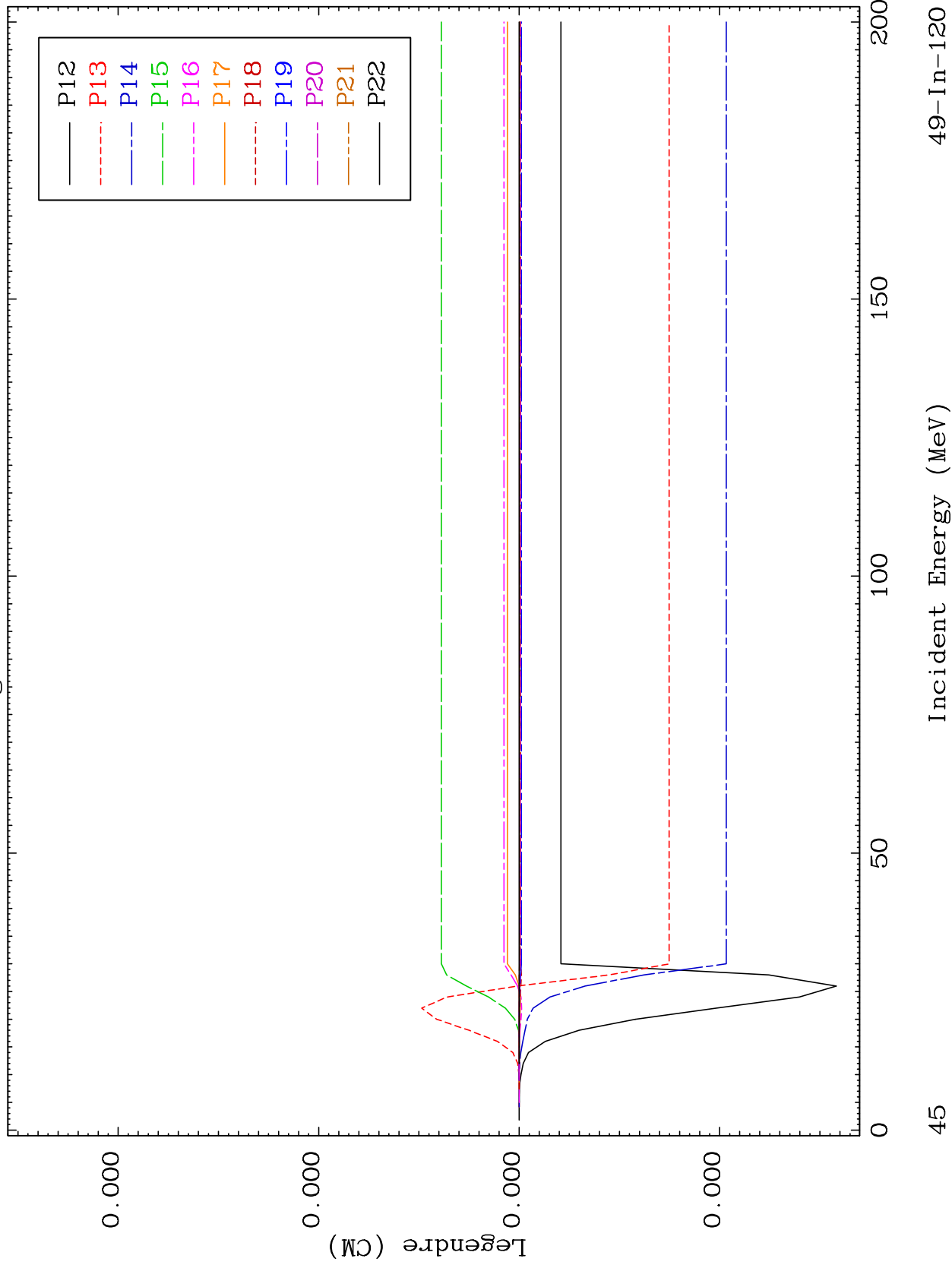
Incident Energy (MeV)

44

MAT 4946

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

49-In-120



45

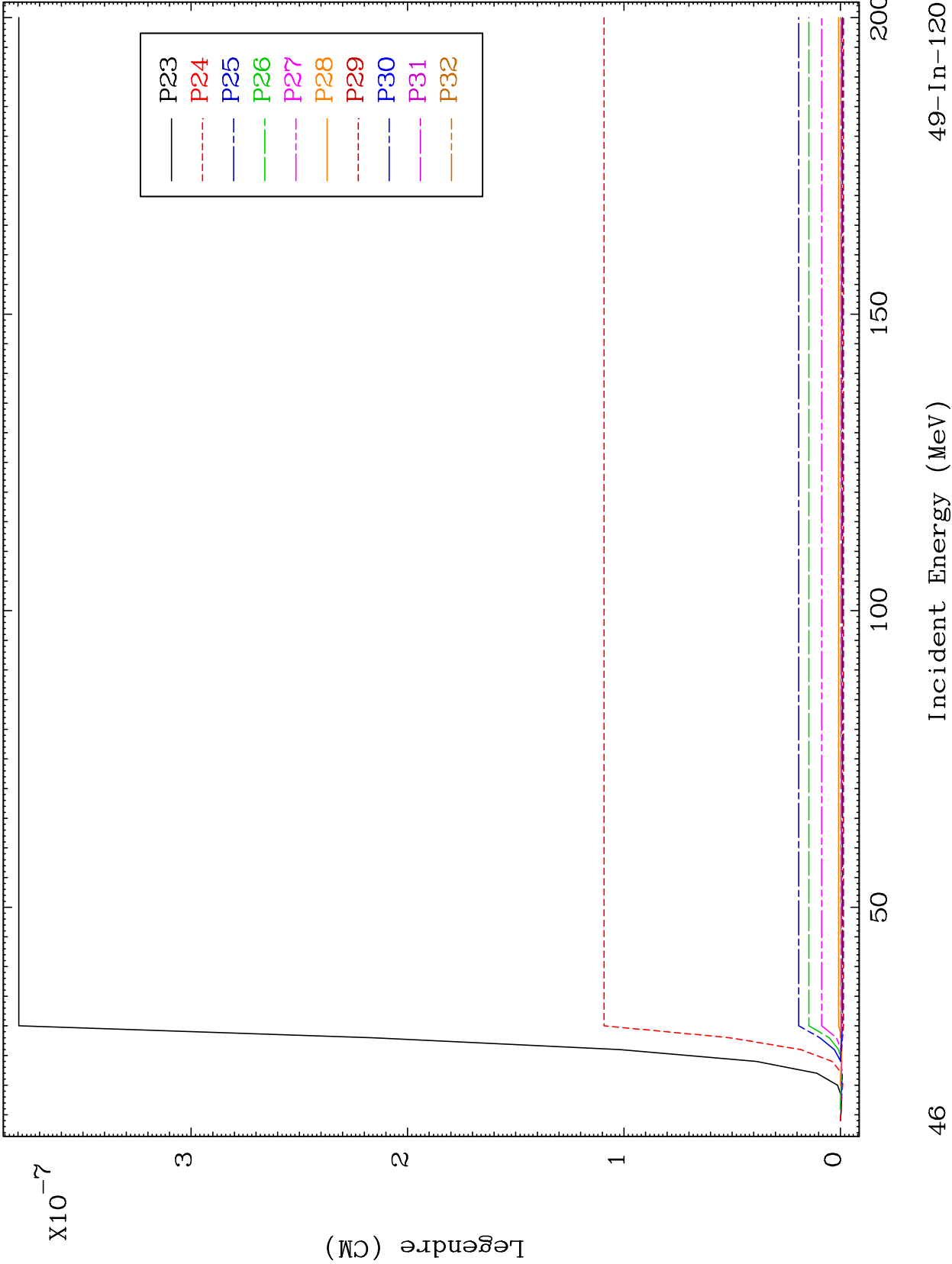
Incident Energy (MeV)

49-In-120

MAT 4946

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

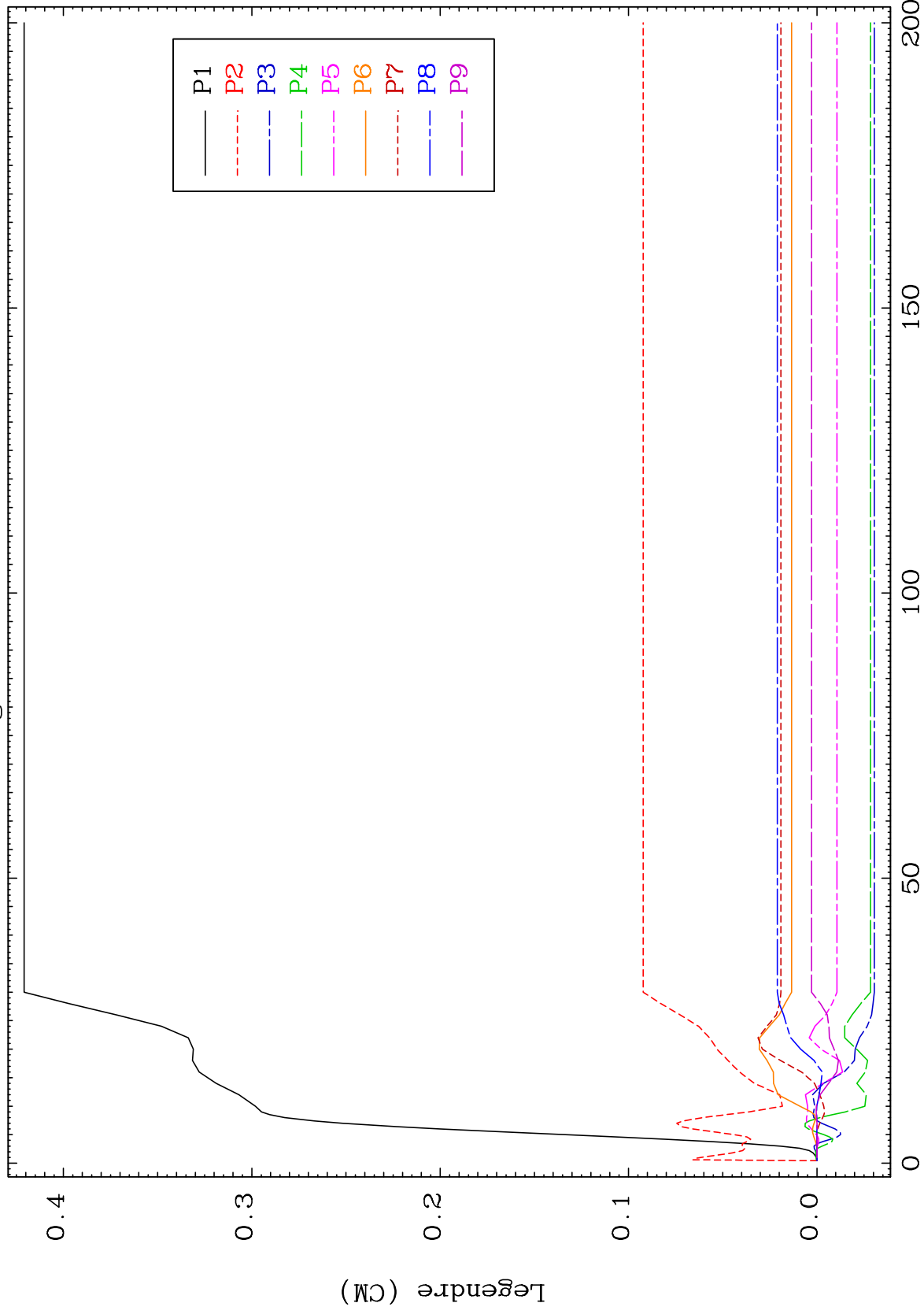
49-In-120



MAT 4946

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

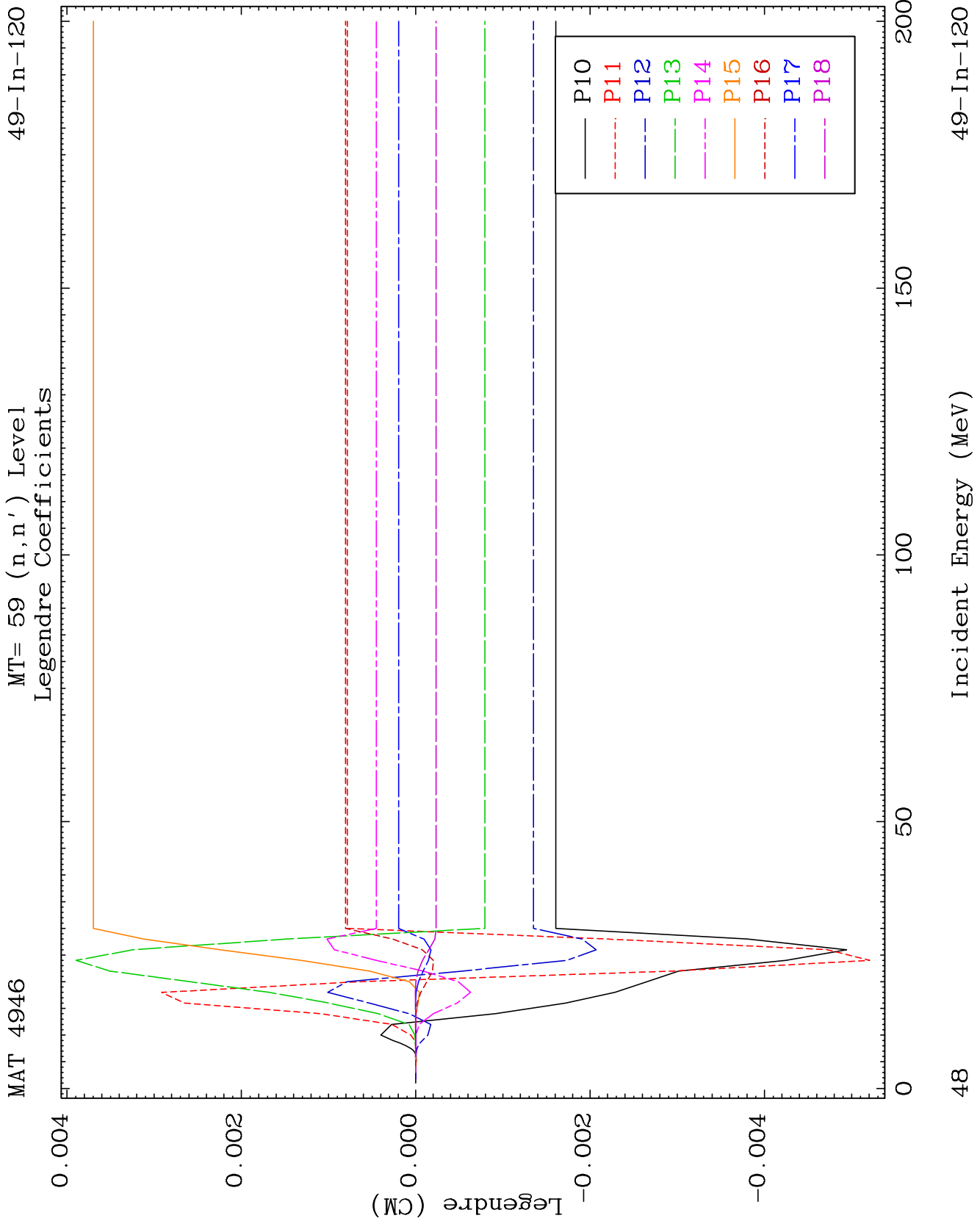
49-In-120

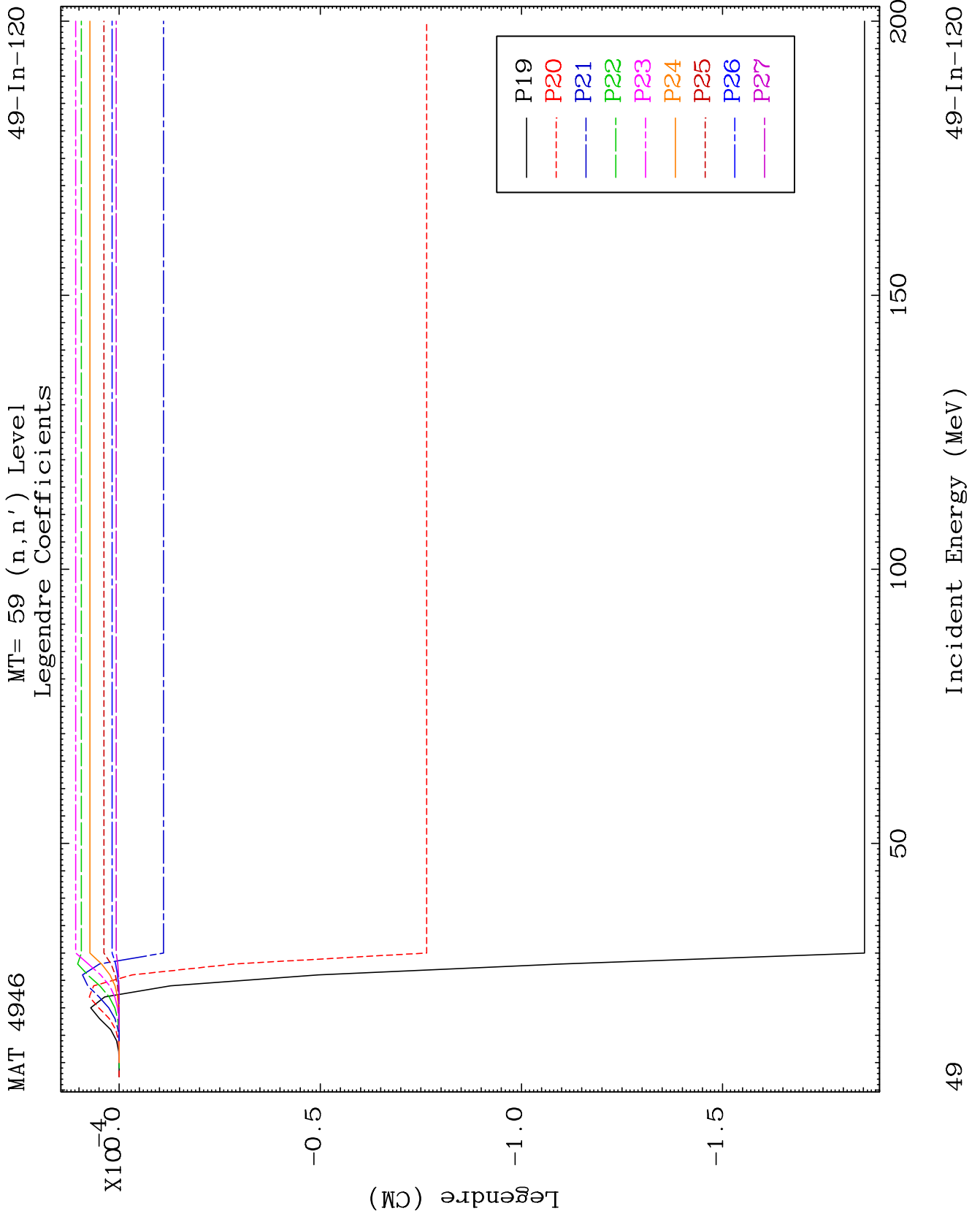


47

Incident Energy (MeV)

49-In-120

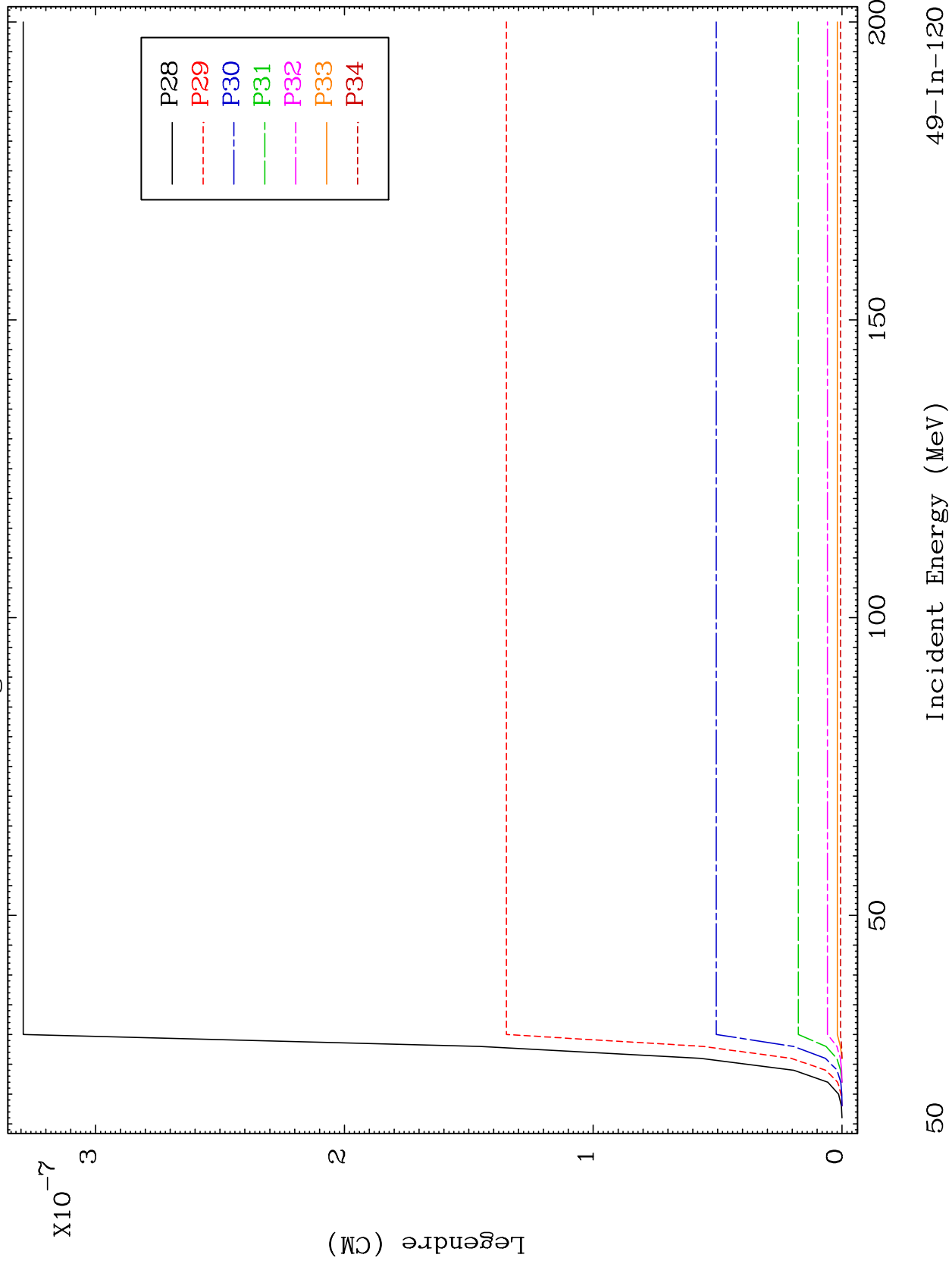


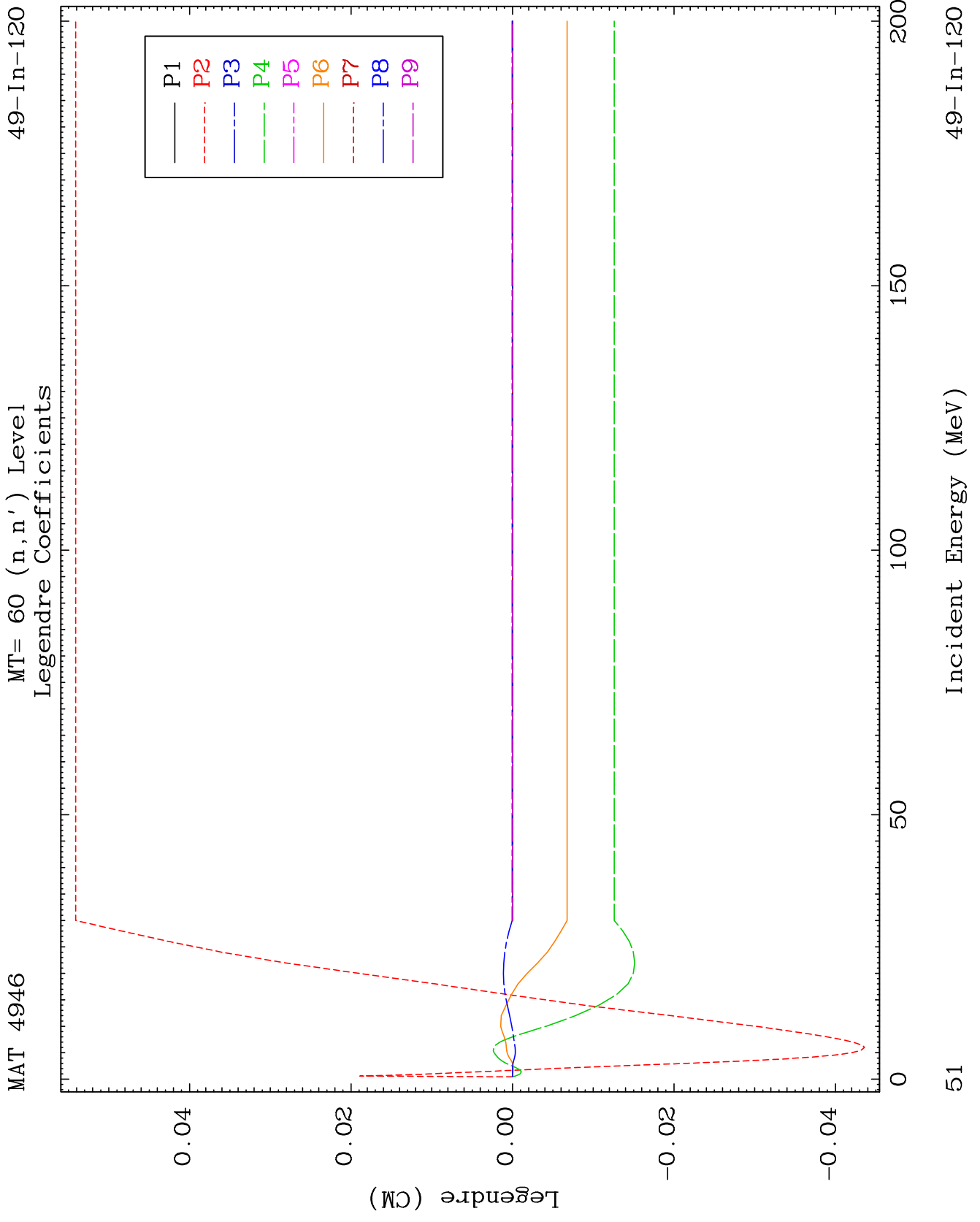


MAT 4946

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

49-In-120

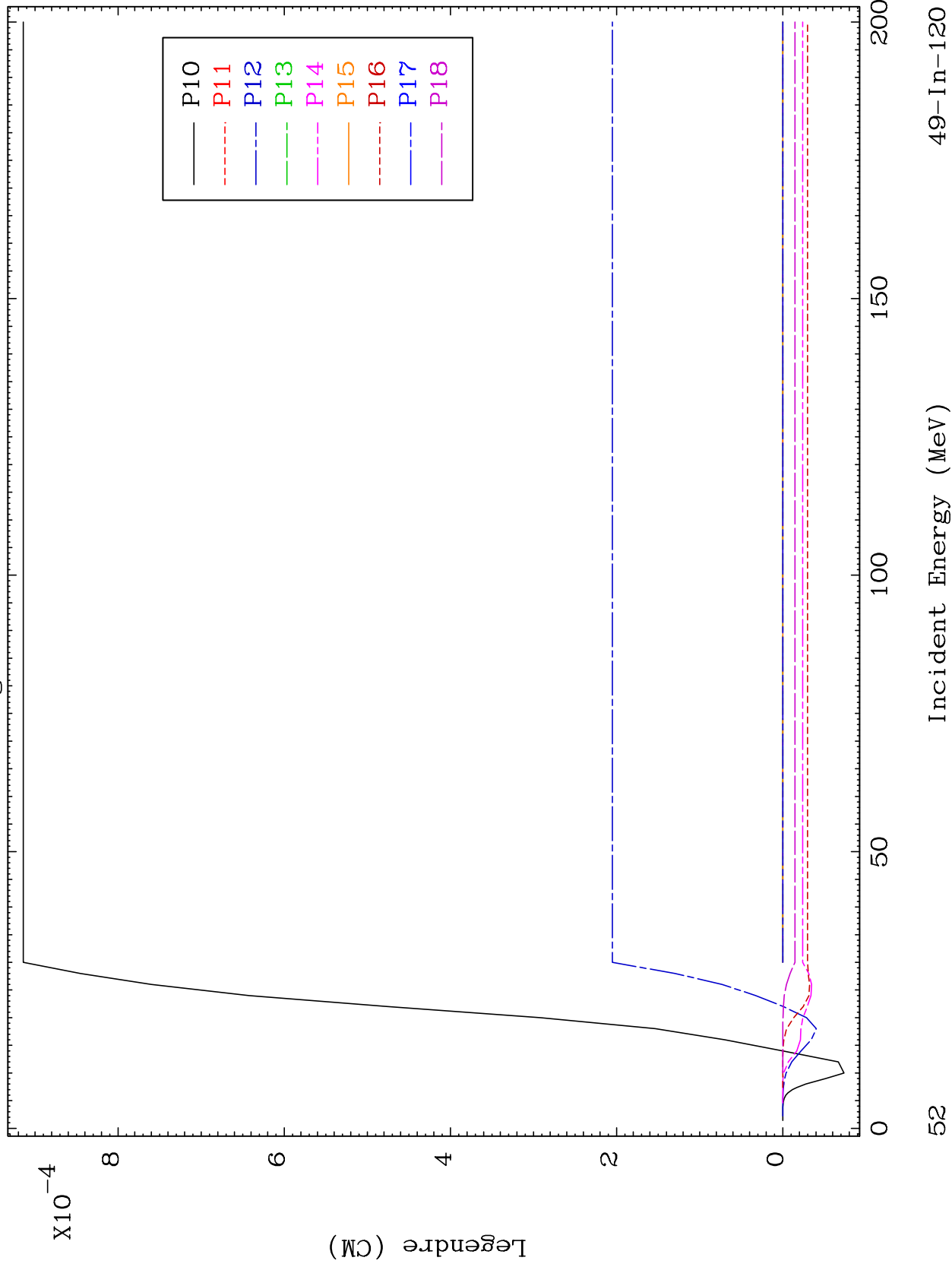




MAT 4946

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

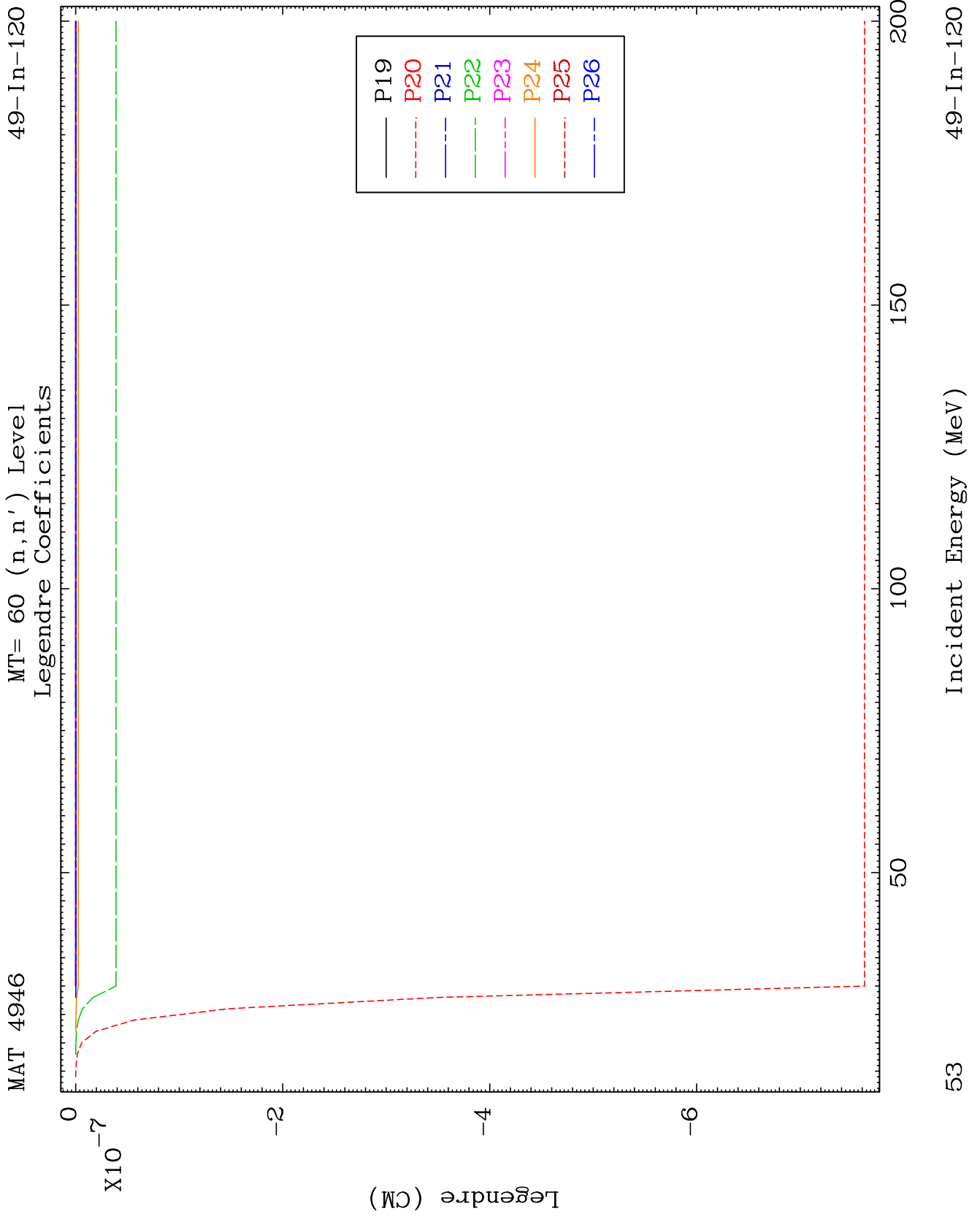
49-In-120



52

Incident Energy (MeV)

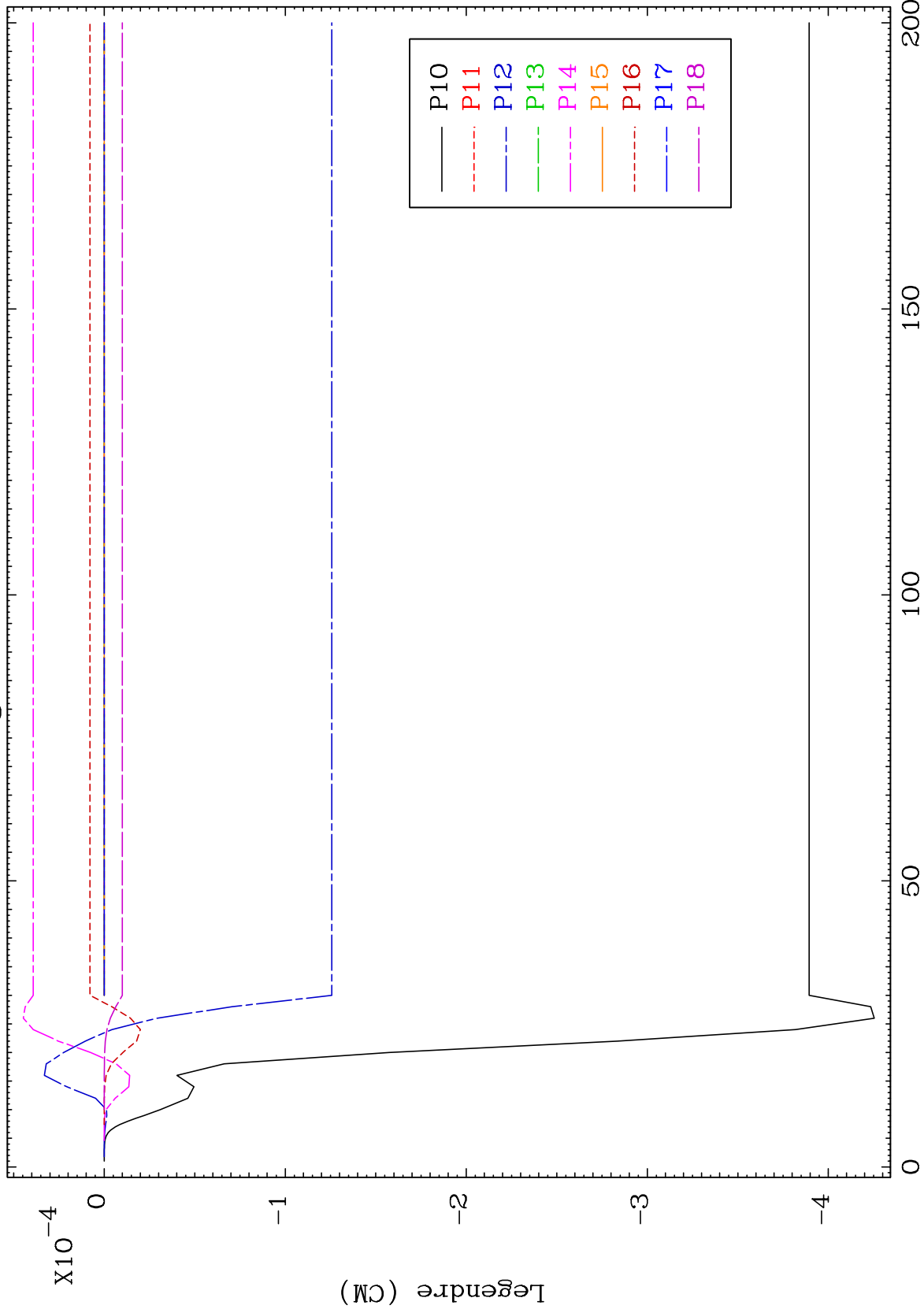
49-In-120



MAT 4946

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

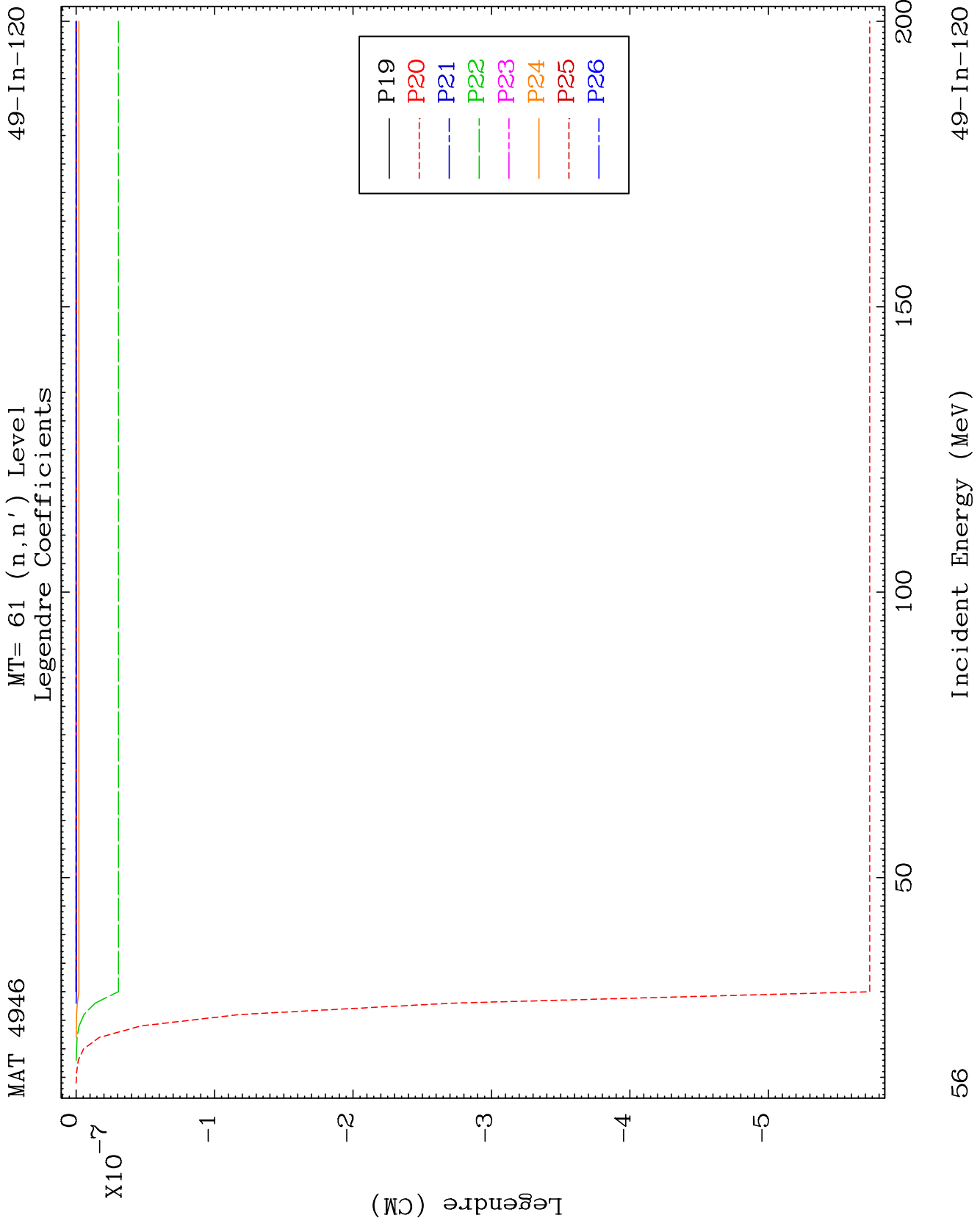
49-In-120

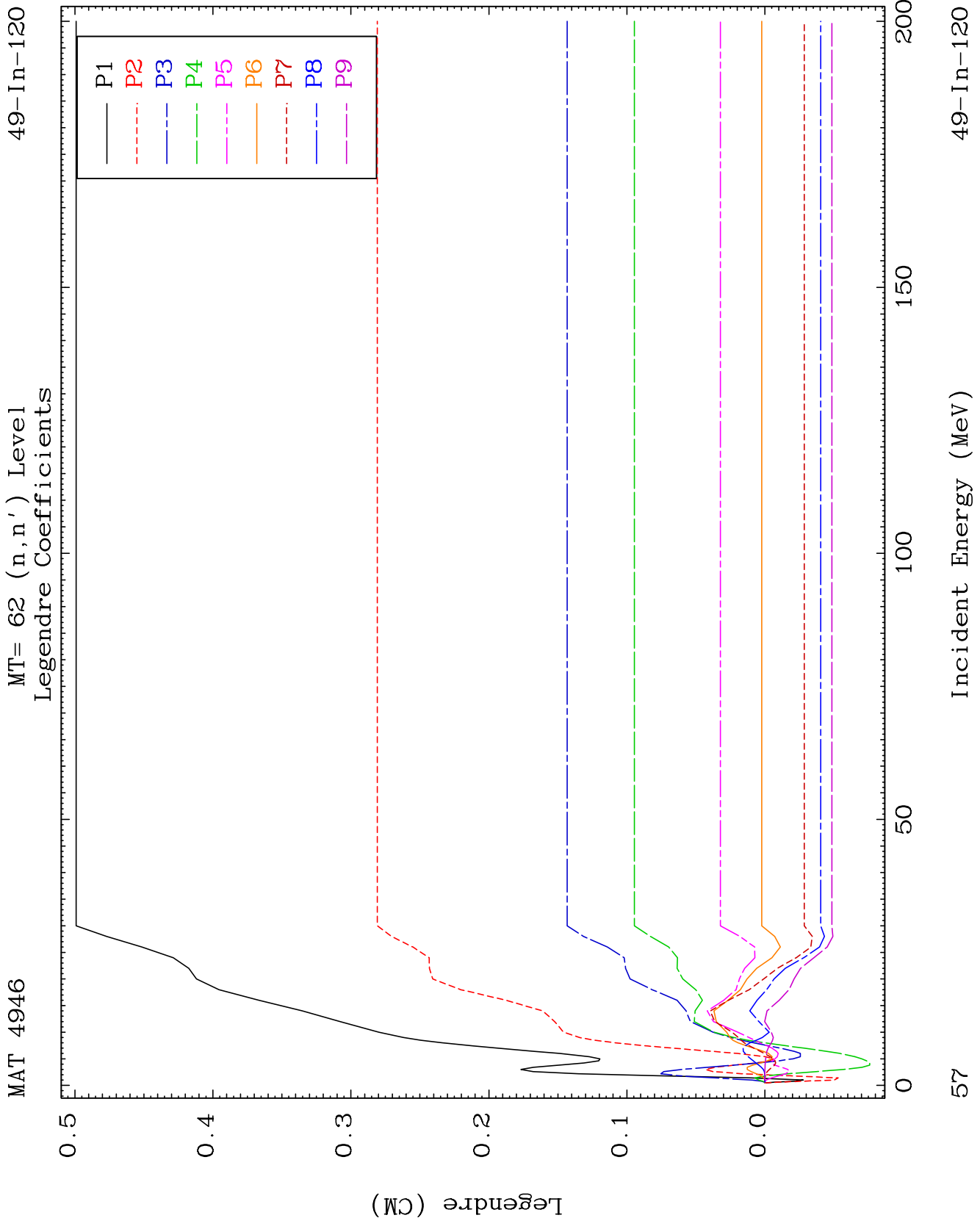


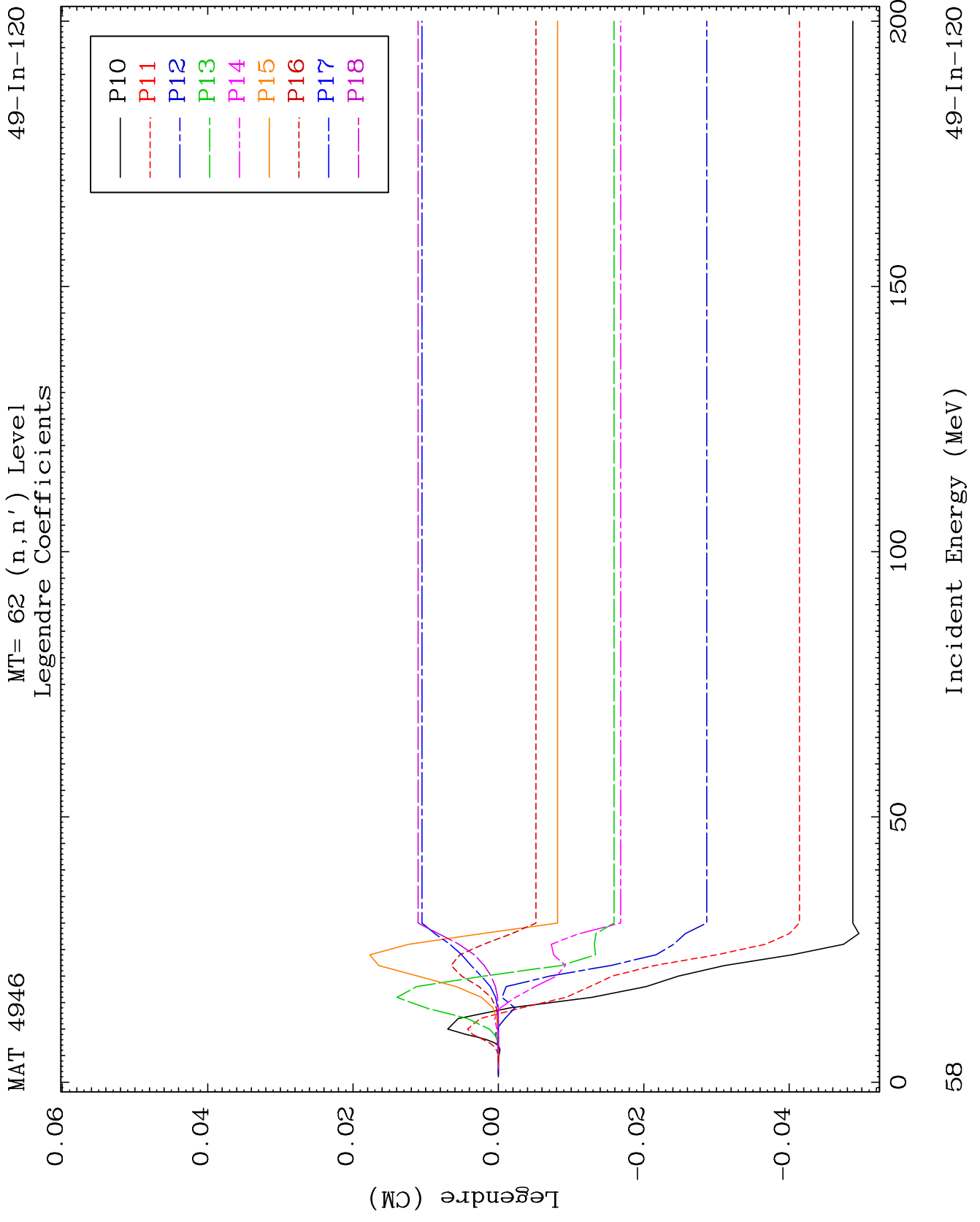
55

Incident Energy (MeV)

49-In-120



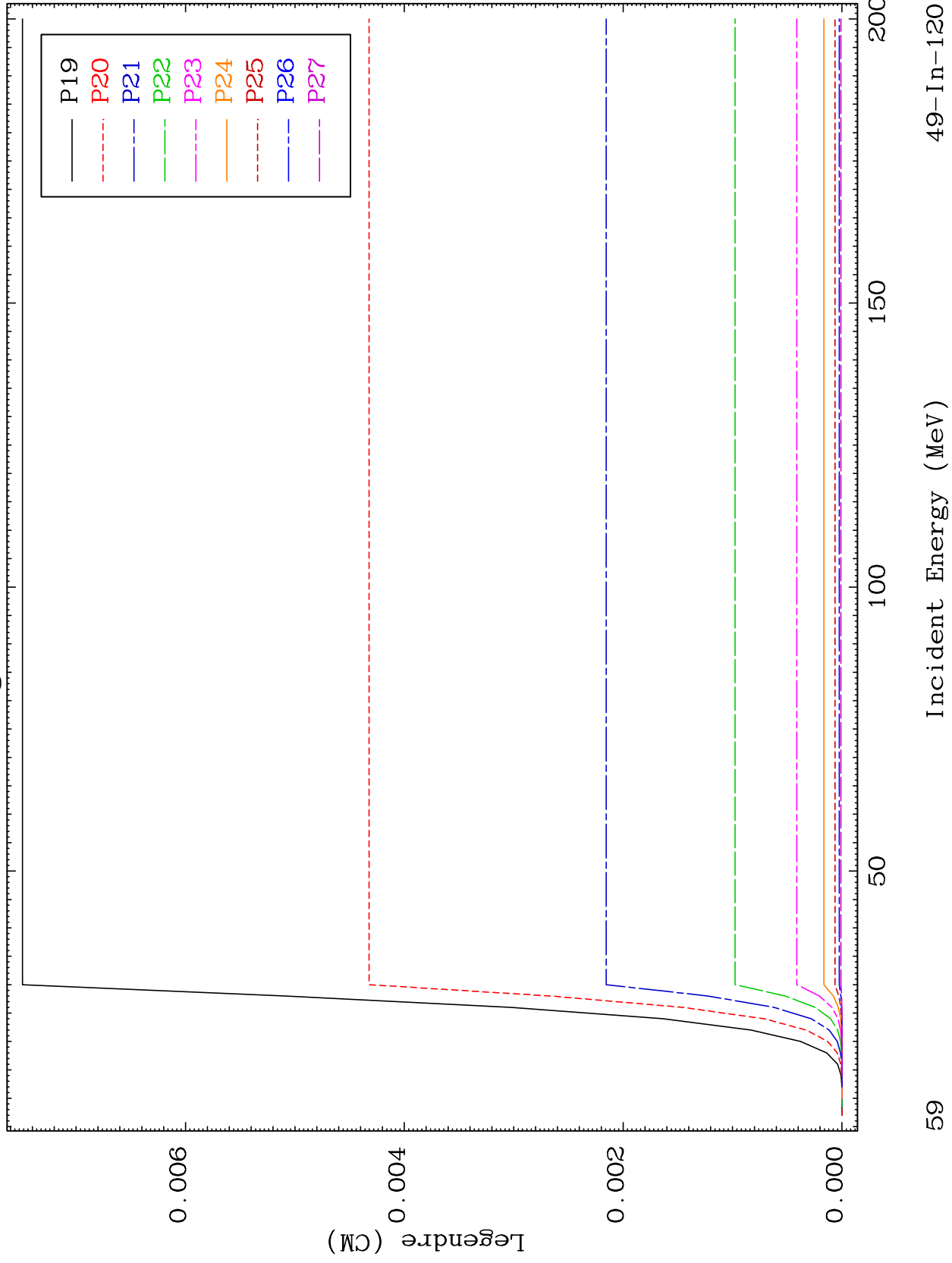




MAT 4946

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

49-In-120



59

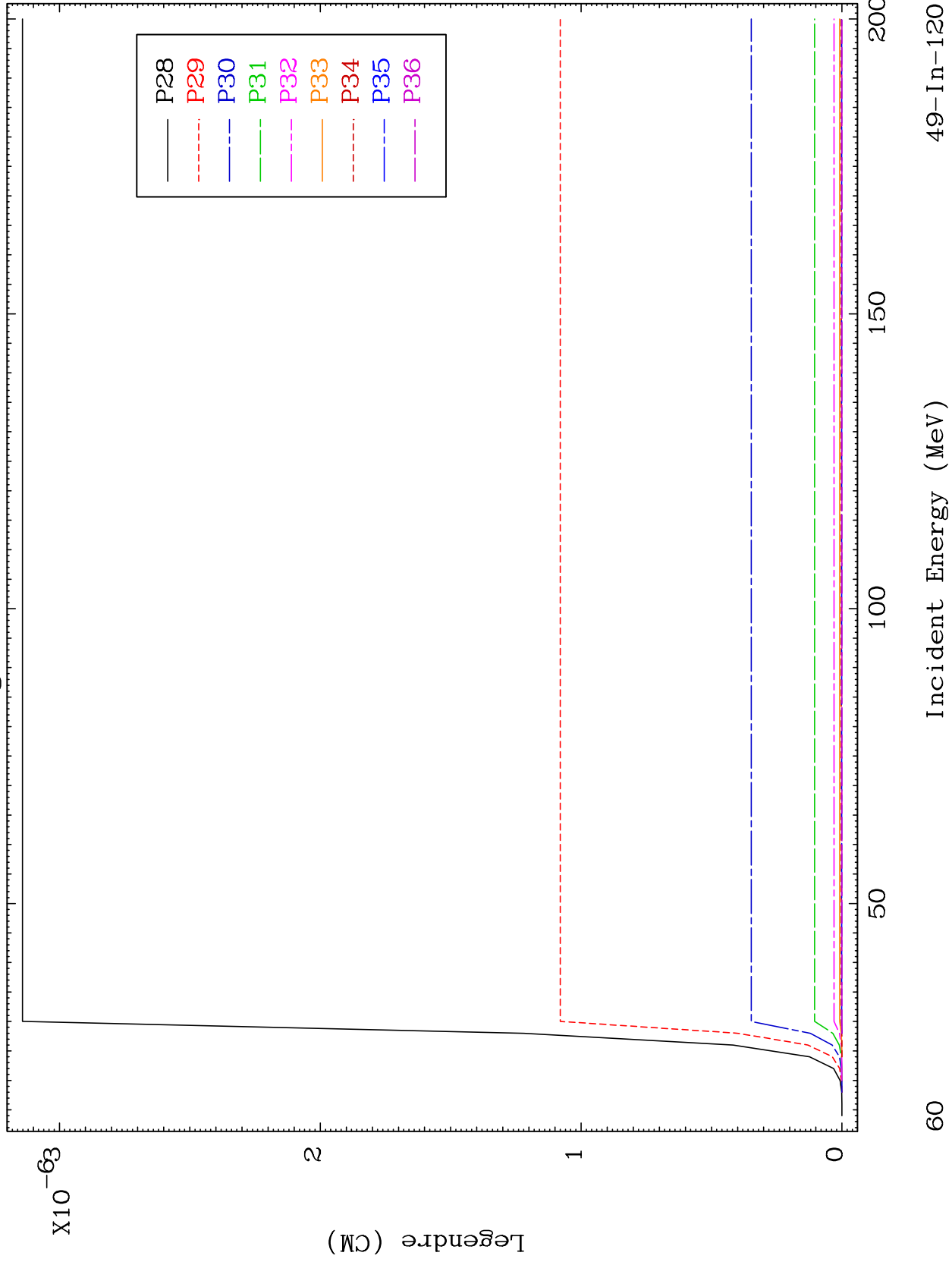
Incident Energy (MeV)

49-In-120

MAT 4946

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

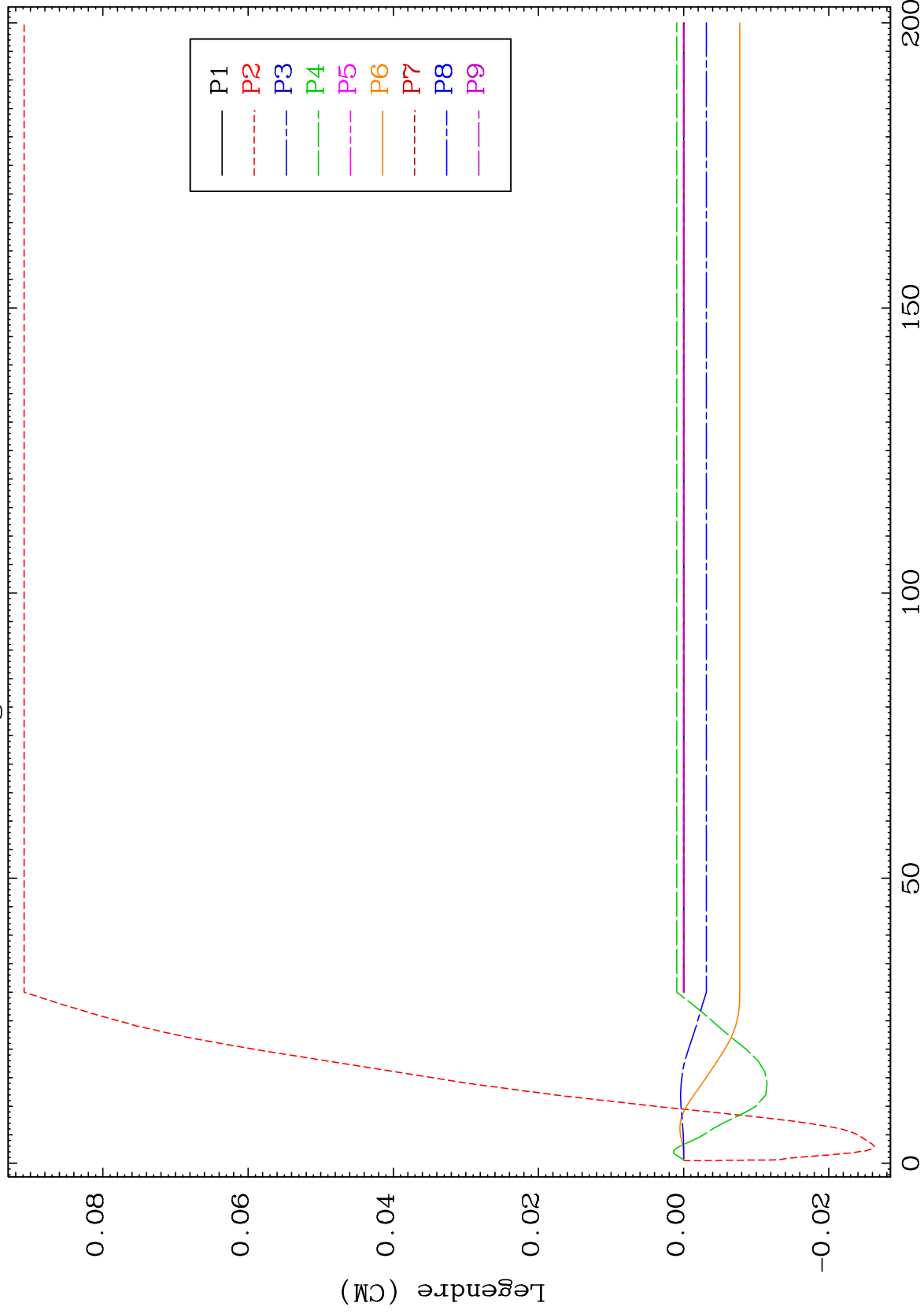
49-In-120



MAT 4946

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

49-In-120



61

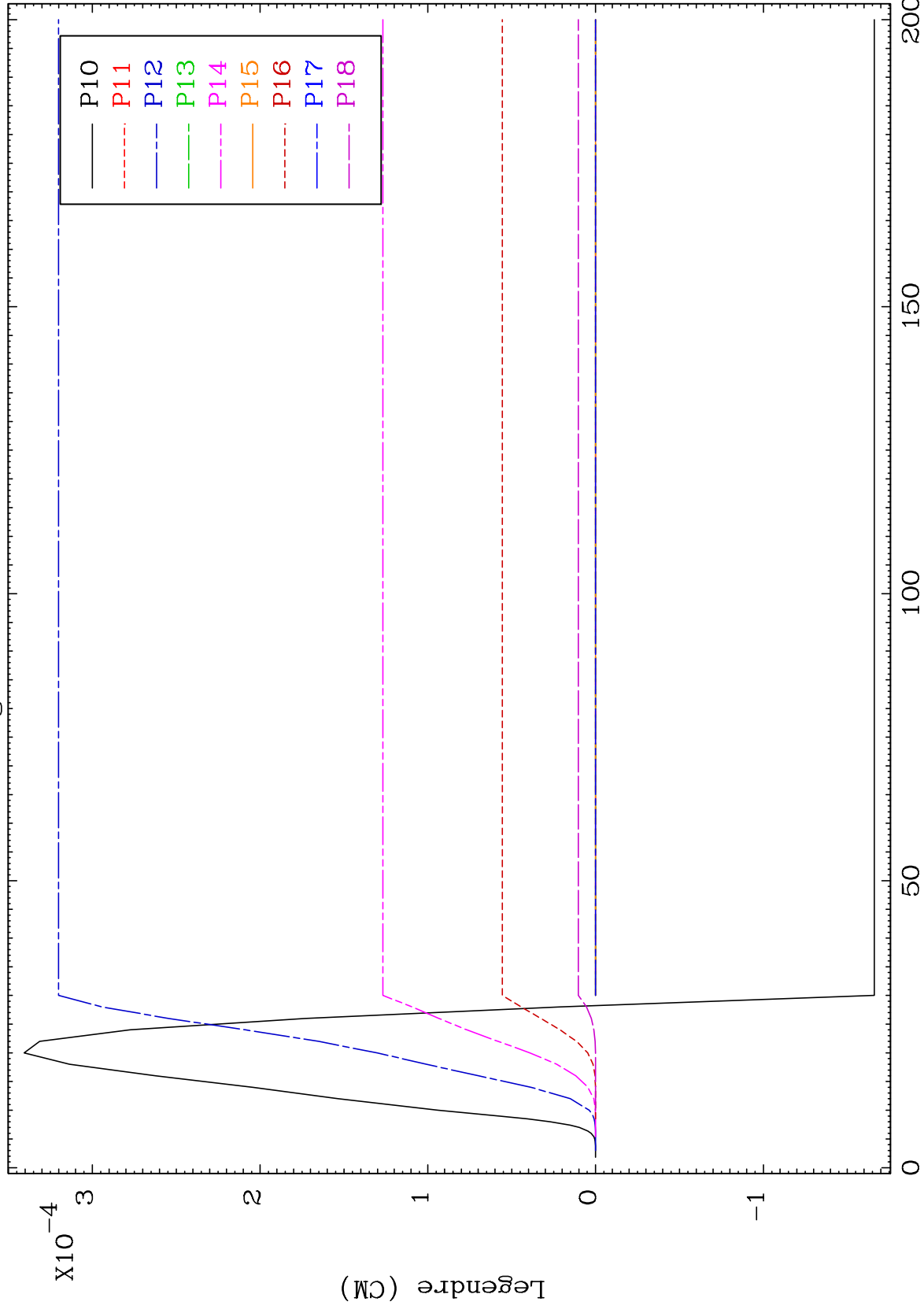
Incident Energy (MeV)

49-In-120

MAT 4946

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

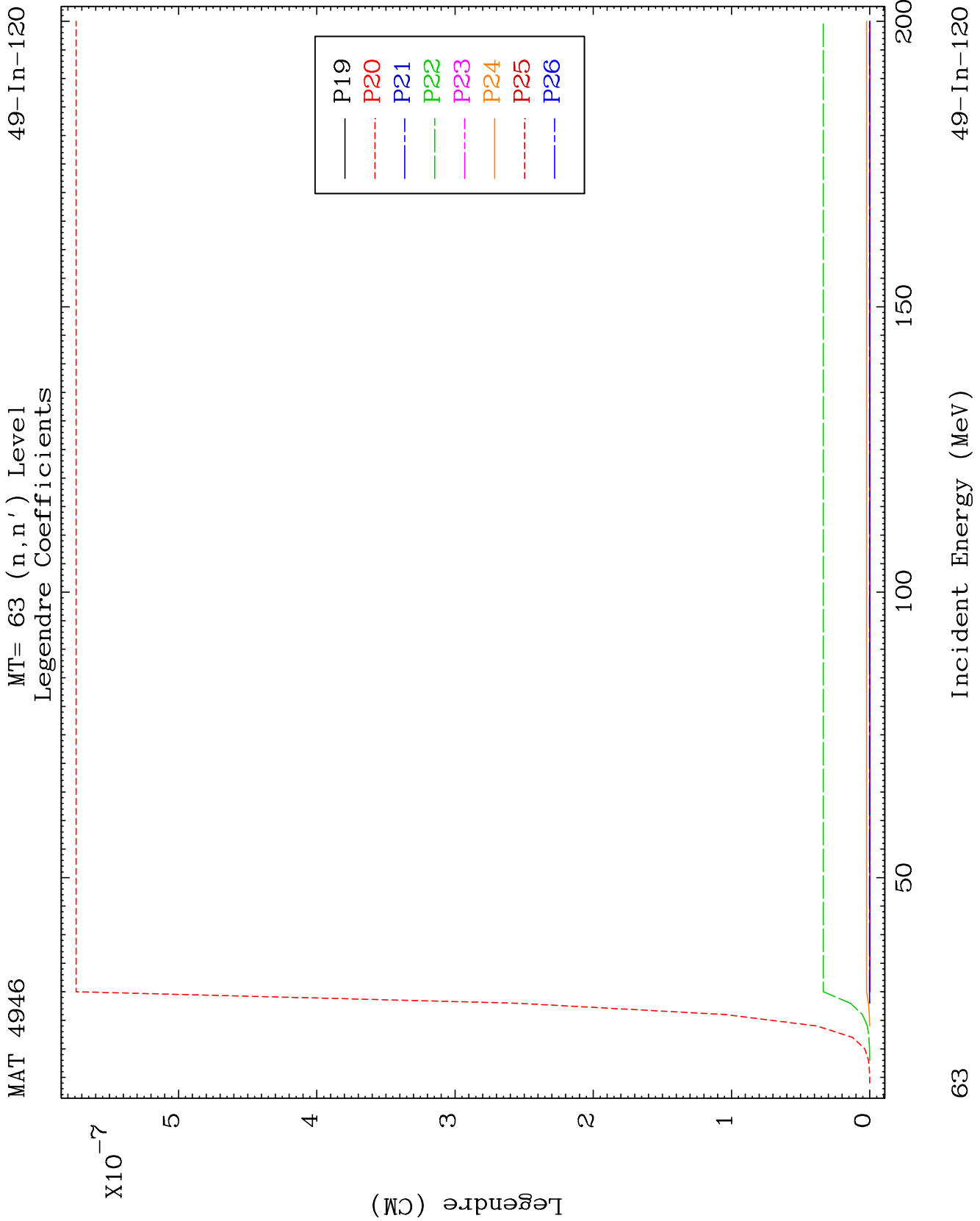
49-In-120



62

Incident Energy (MeV)

49-In-120

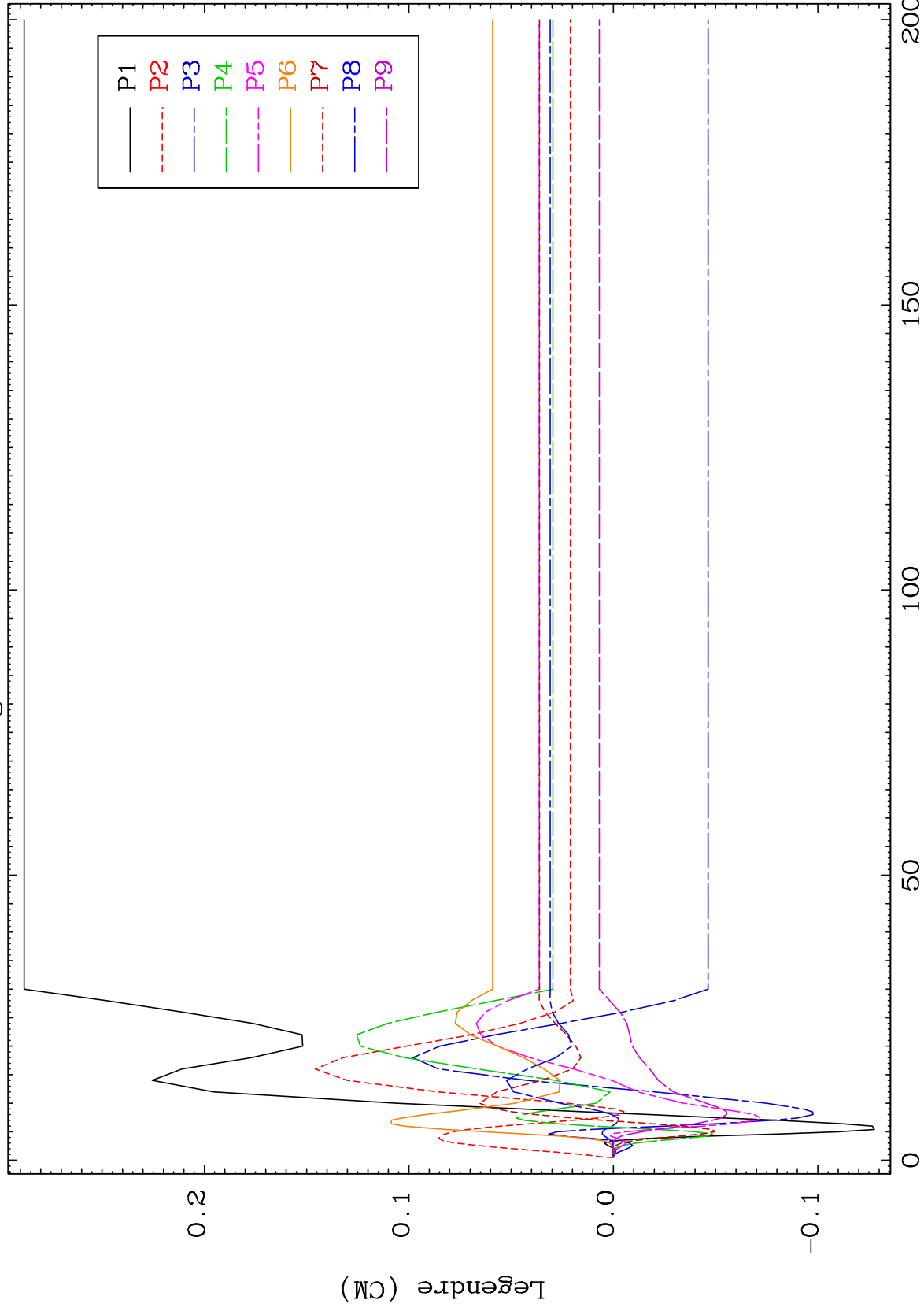


MAT 4946

MT= 64 (n,n') Level

49-In-120

Legendre Coefficients



64

Incident Energy (MeV)

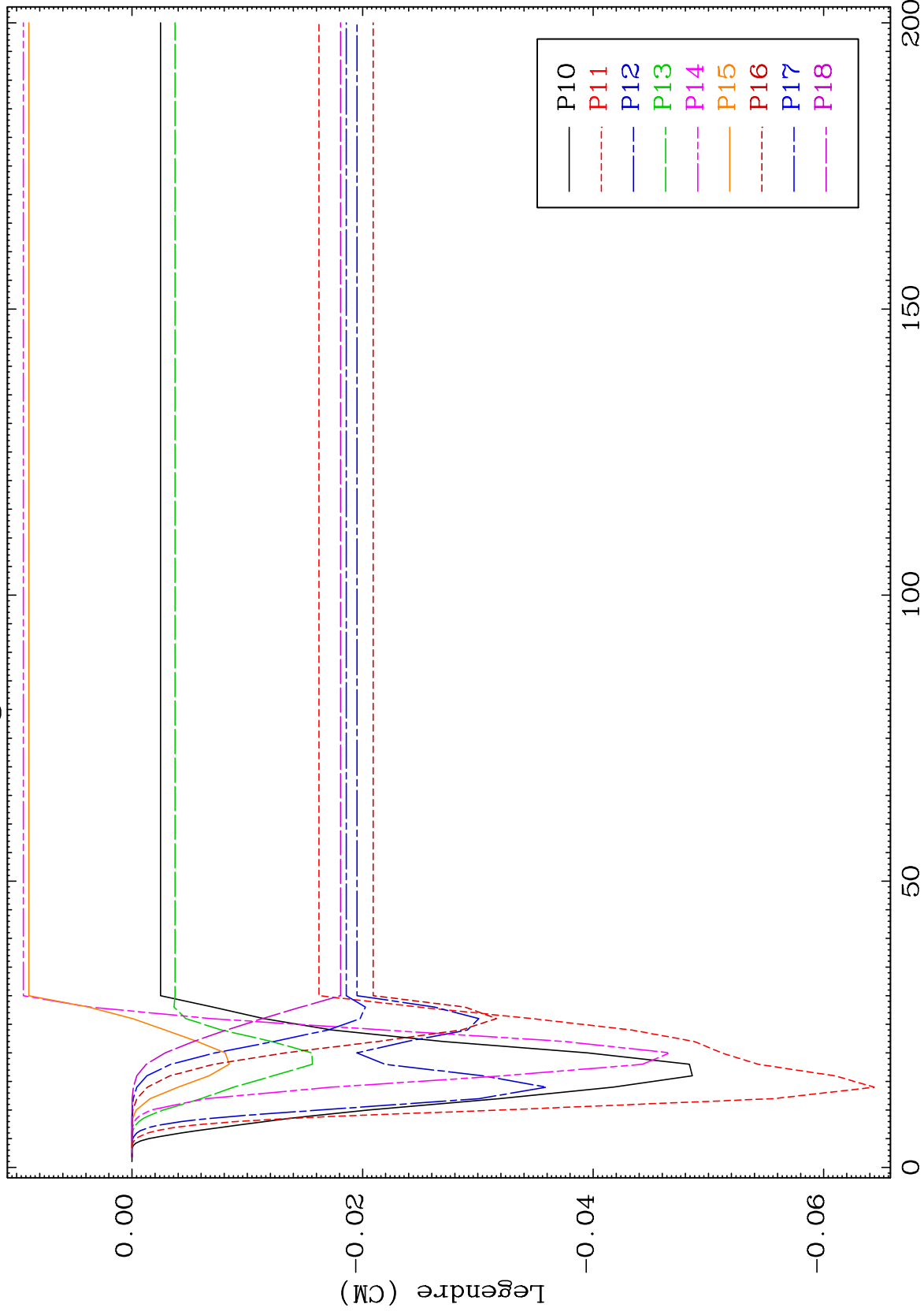
49-In-120

MAT 4946

MT= 64 (n,n') Level

49-In-120

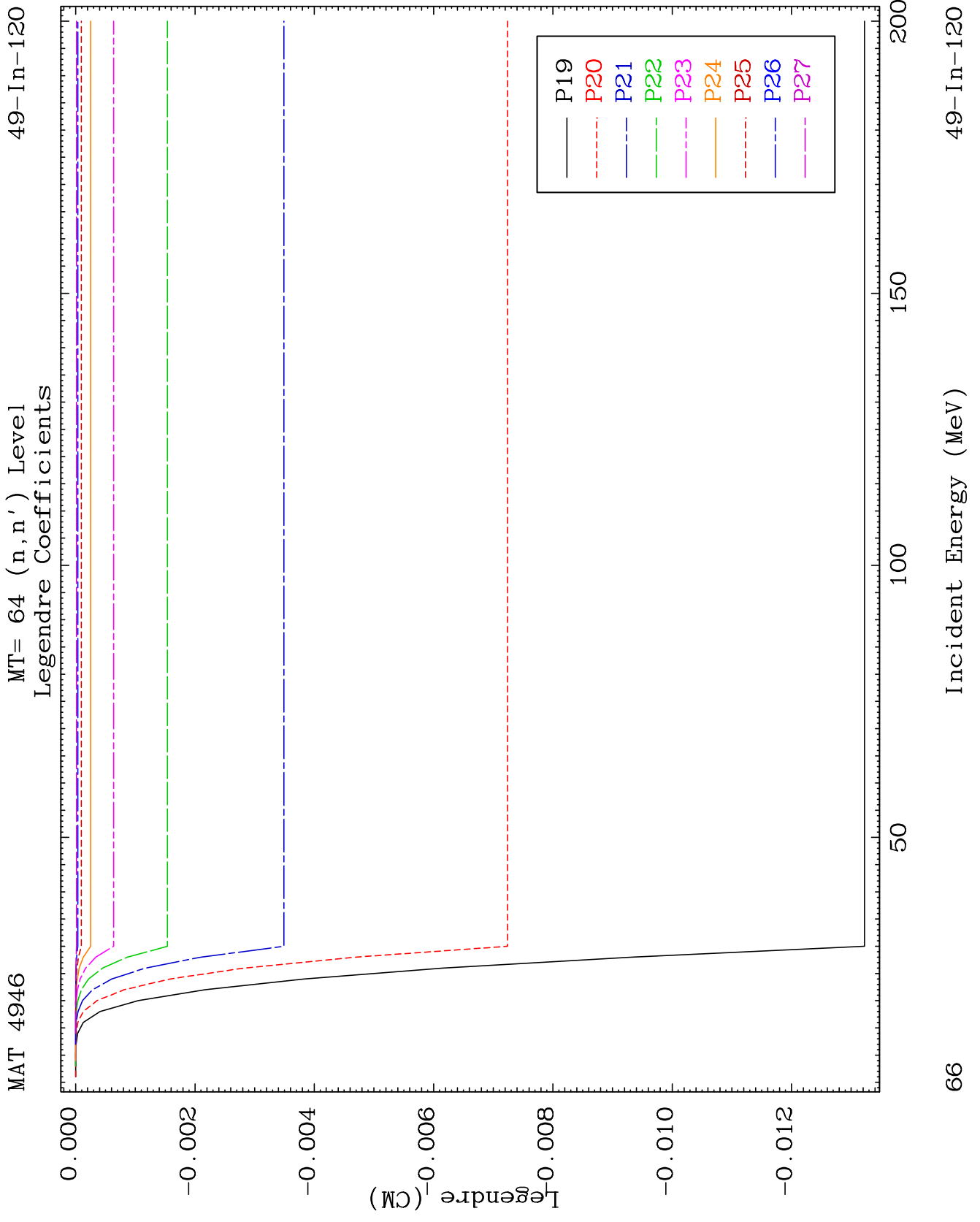
Legendre Coefficients

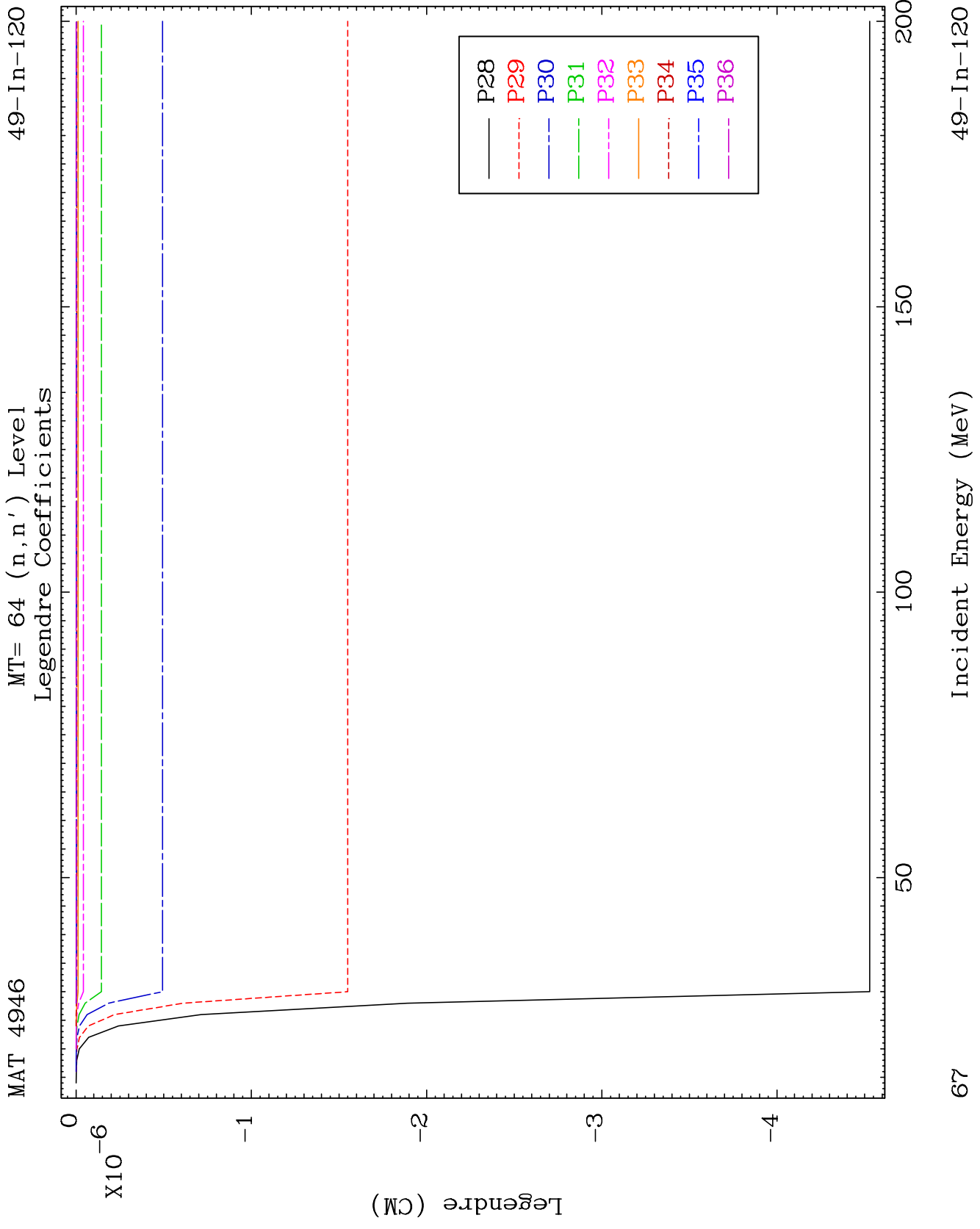


65

Incident Energy (MeV)

49-In-120

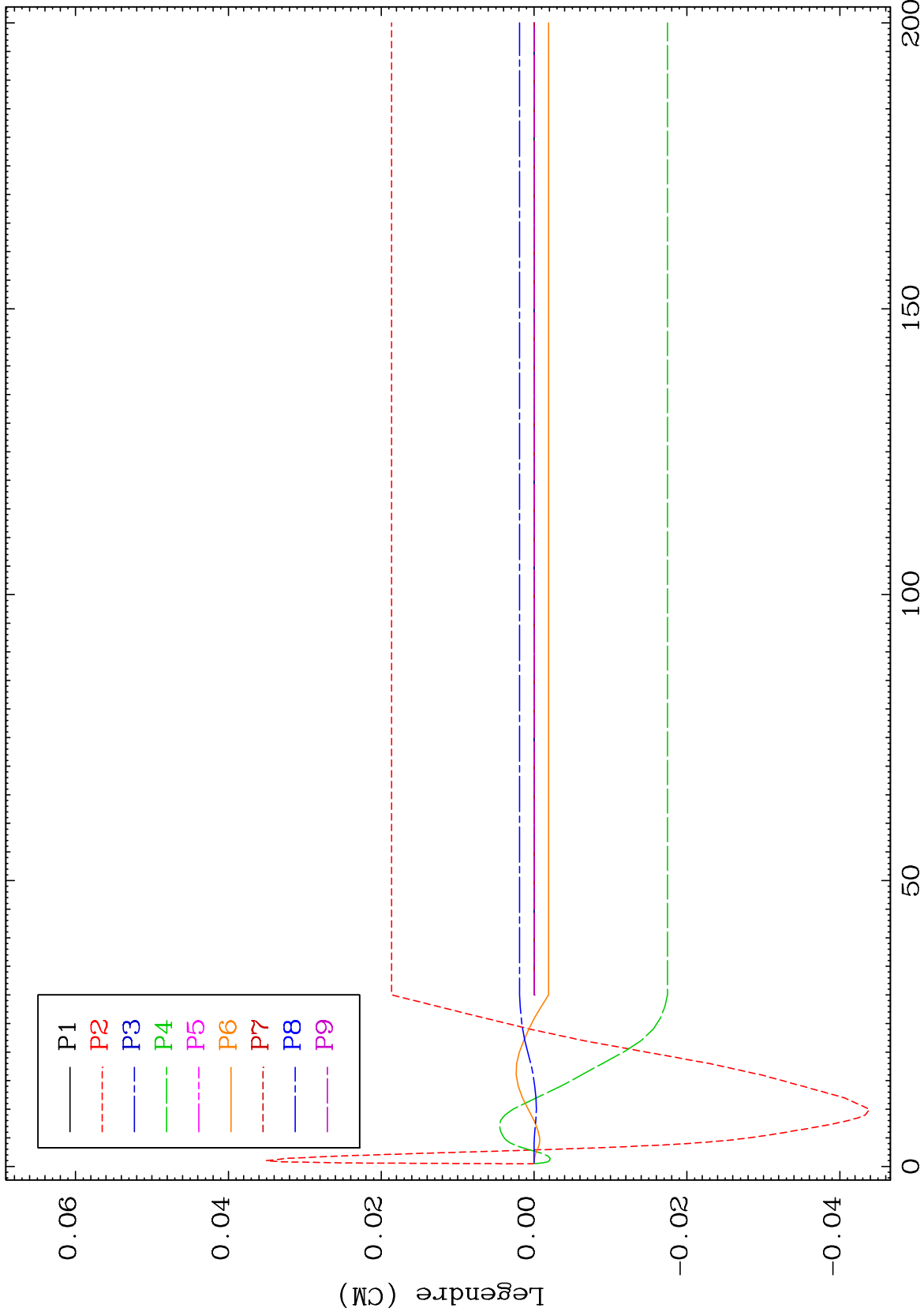




MAT 4946

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

49-In-120



68

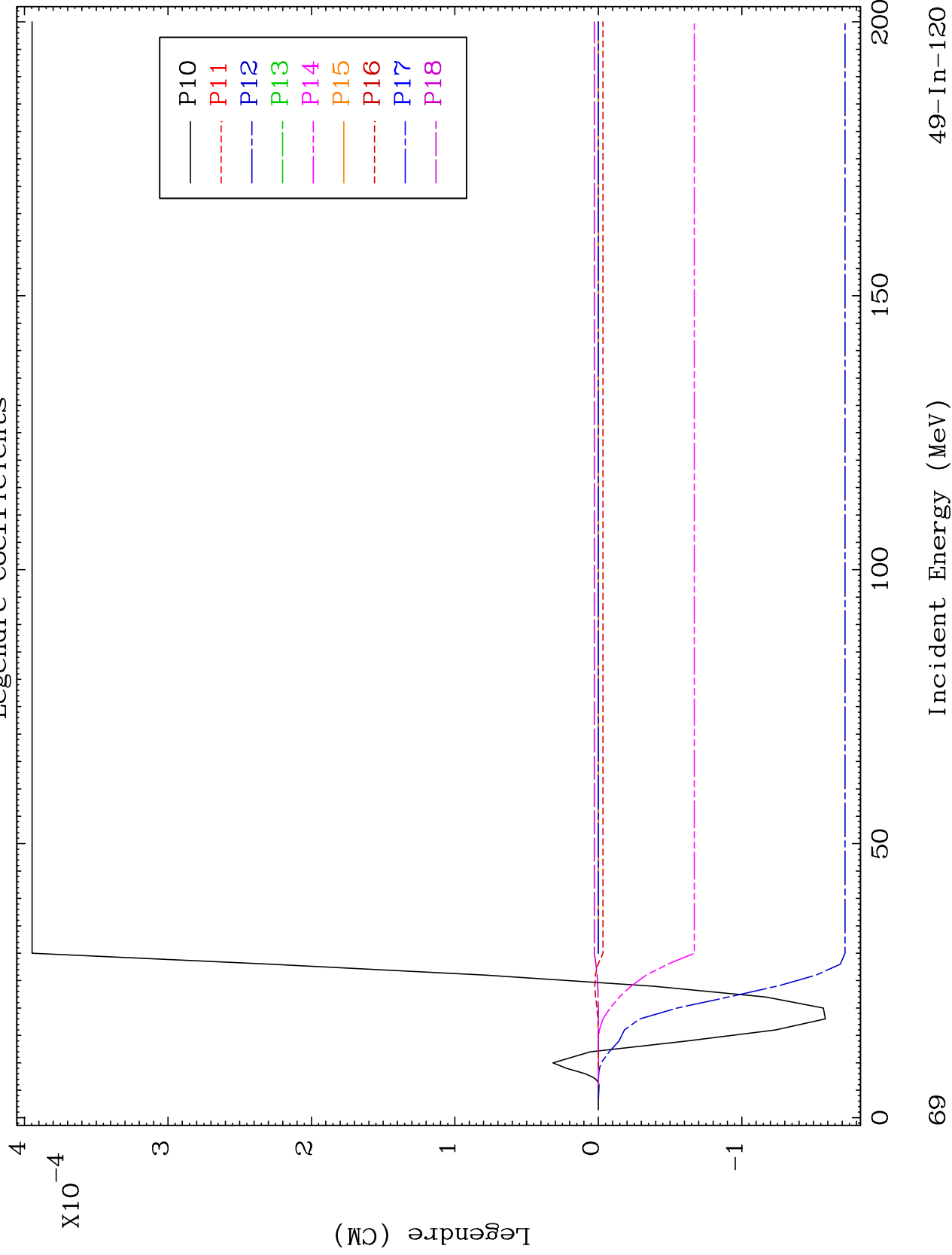
Incident Energy (MeV)

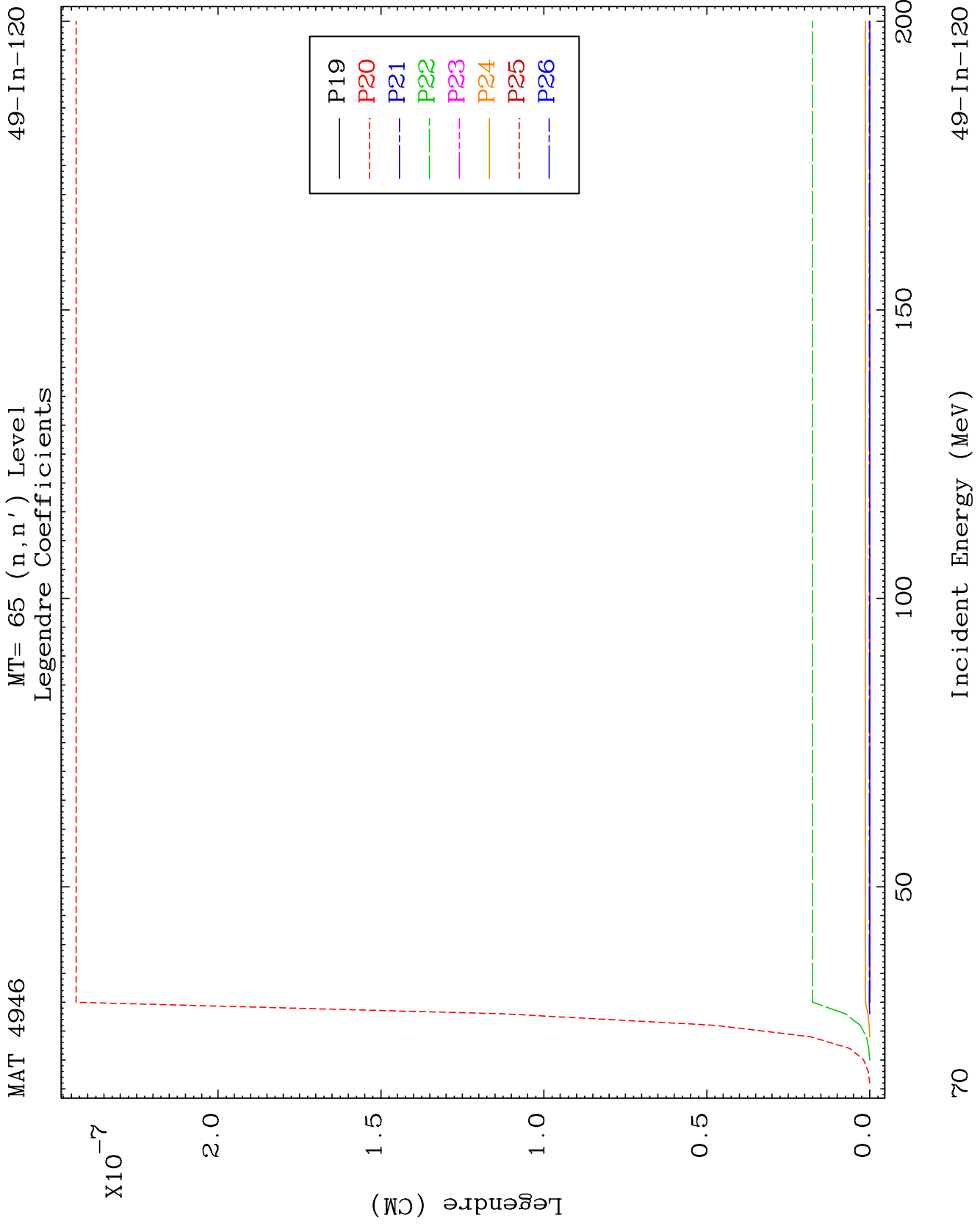
49-In-120

MAT 4946

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

49-In-120



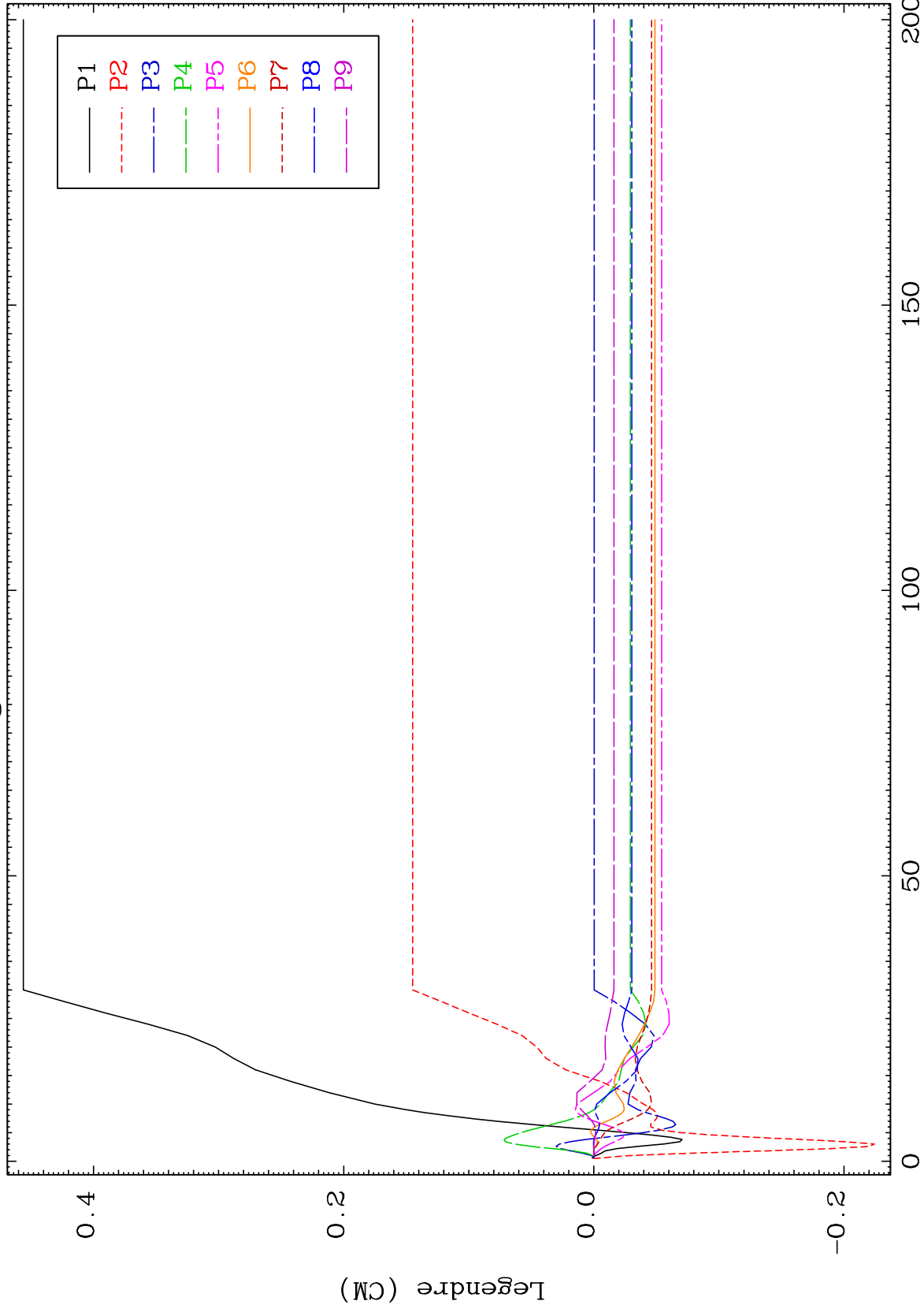


MAT 4946

MT= 66 (n,n') Level

49-In-120

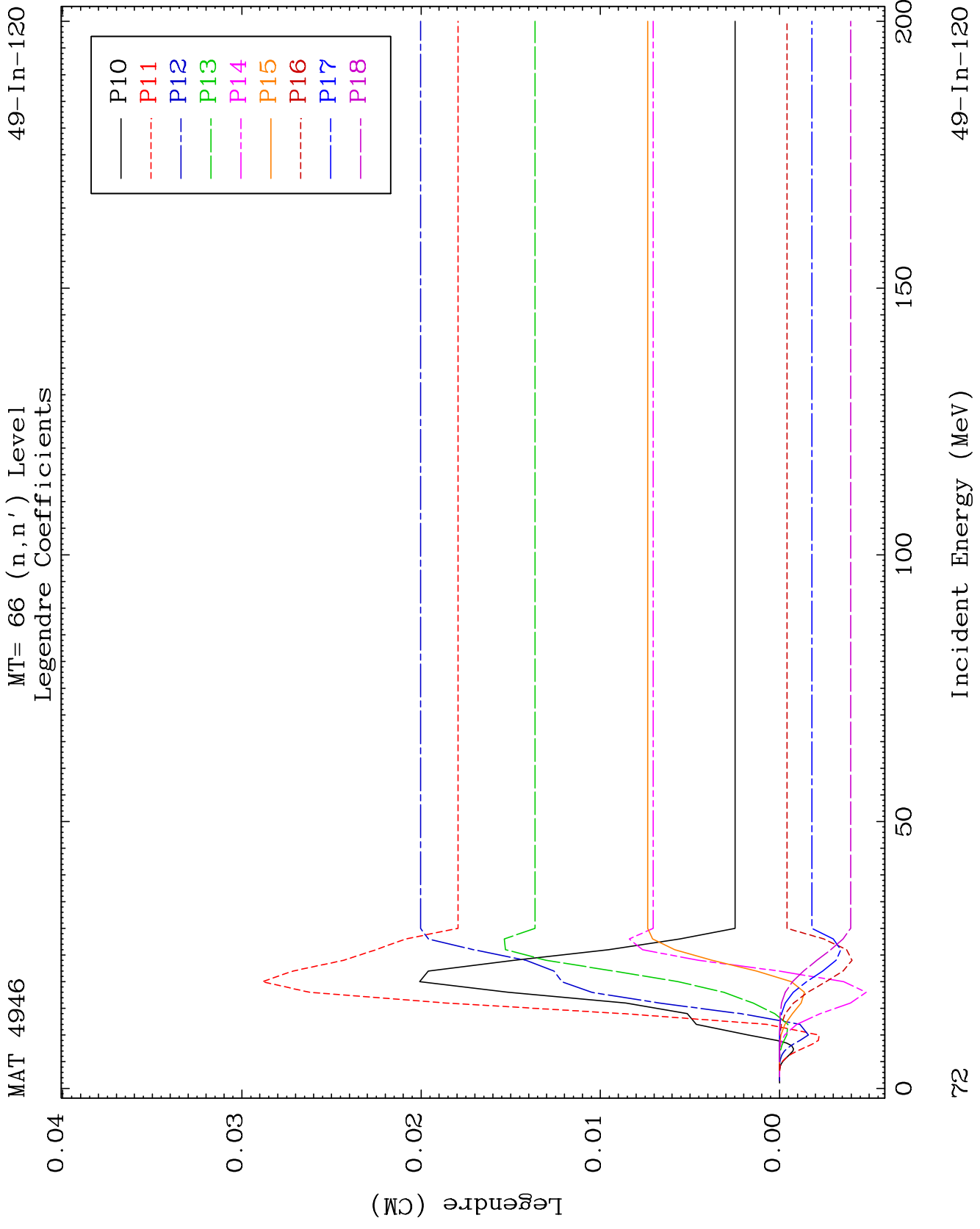
Legendre Coefficients



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Incident Energy (MeV)

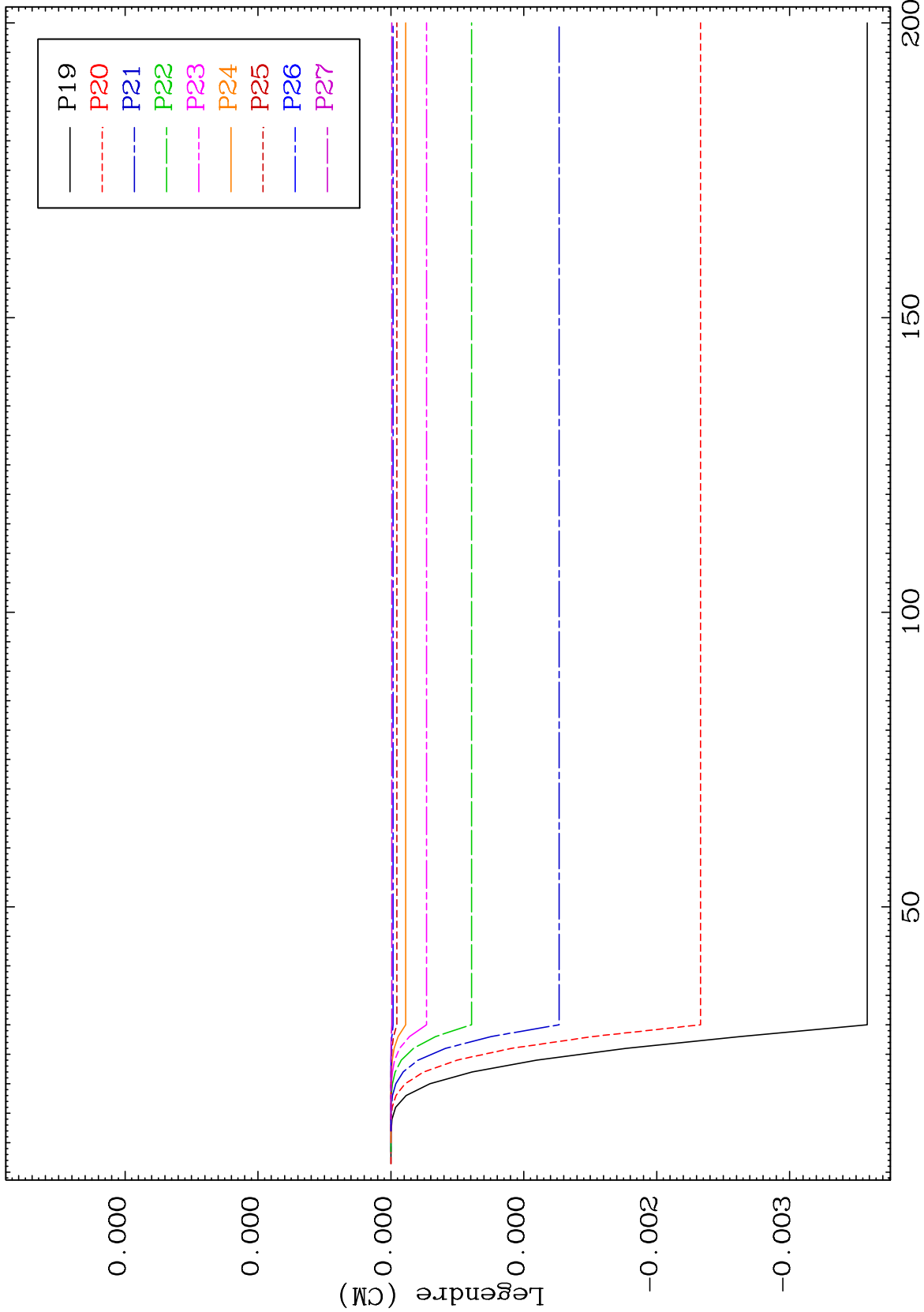
49-In-120



MAT 4946

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

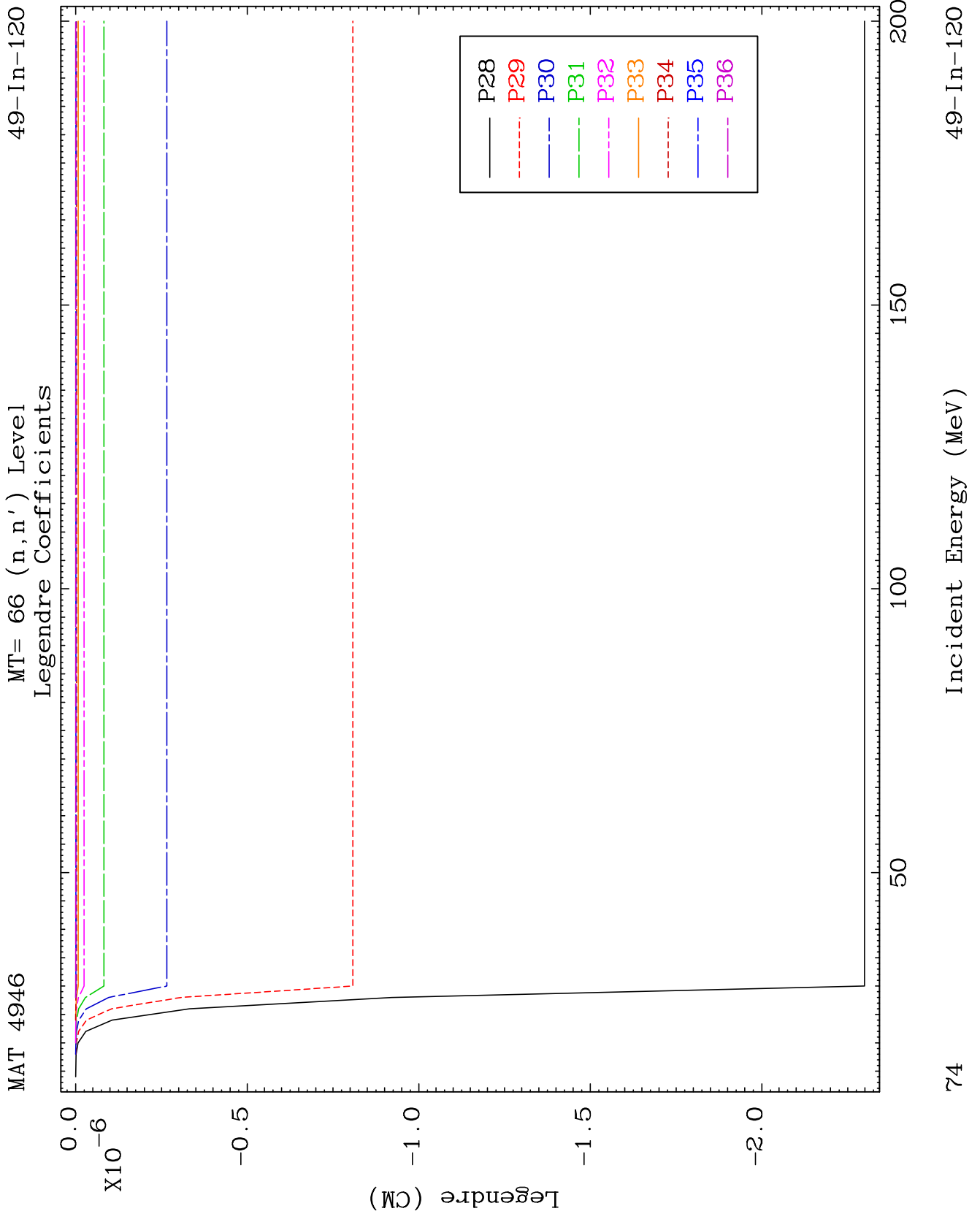
49-In-120

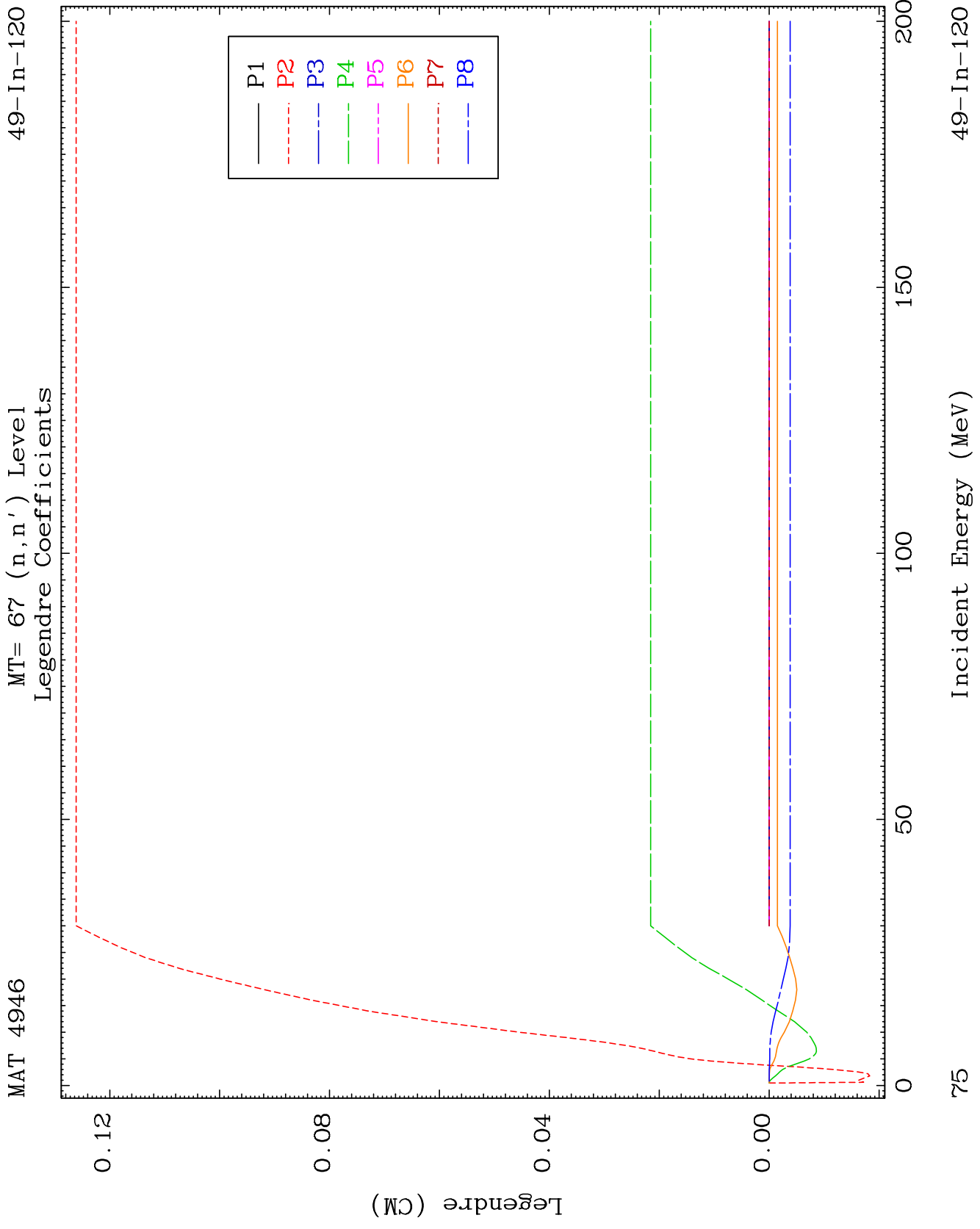


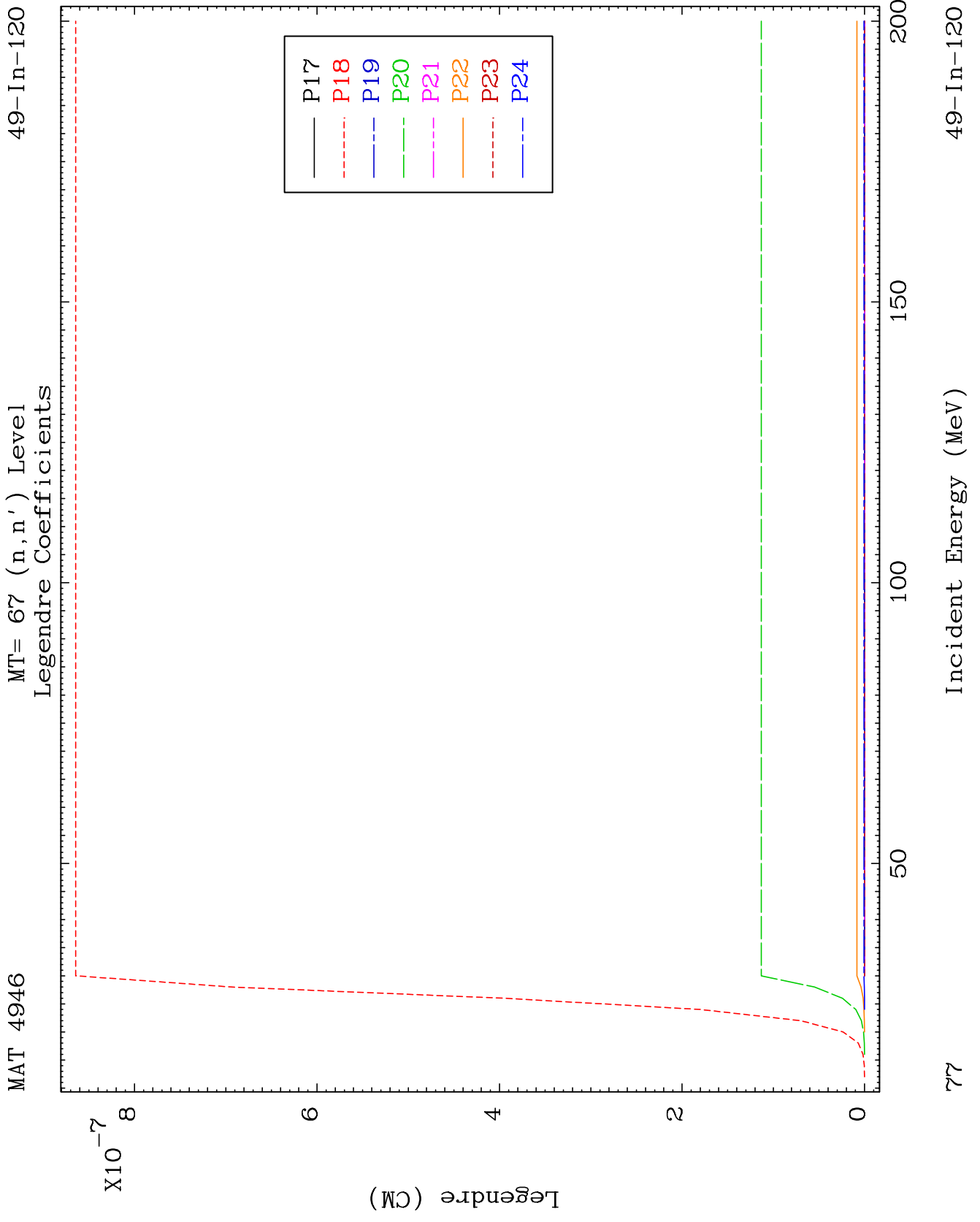
73

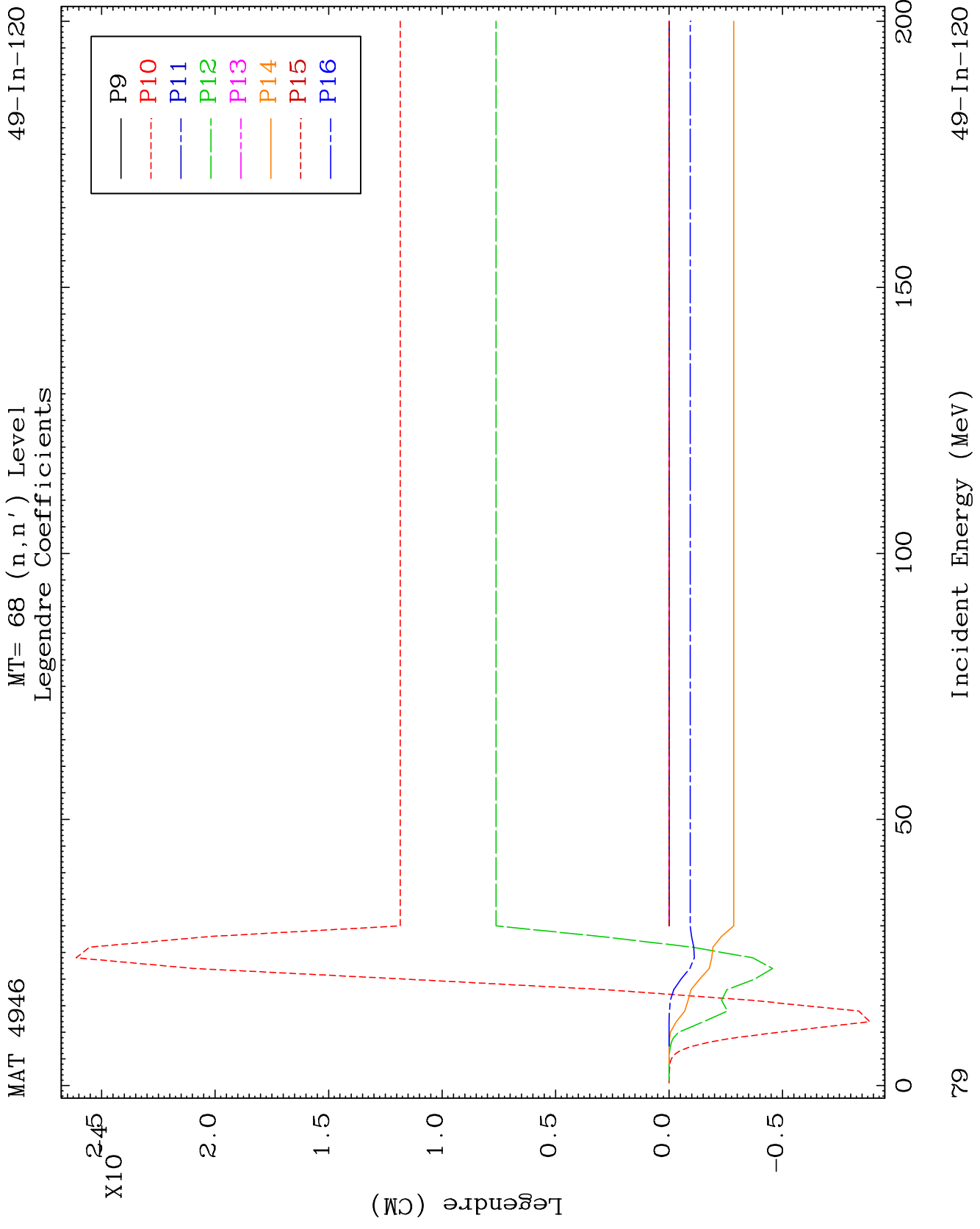
Incident Energy (MeV)

49-In-120





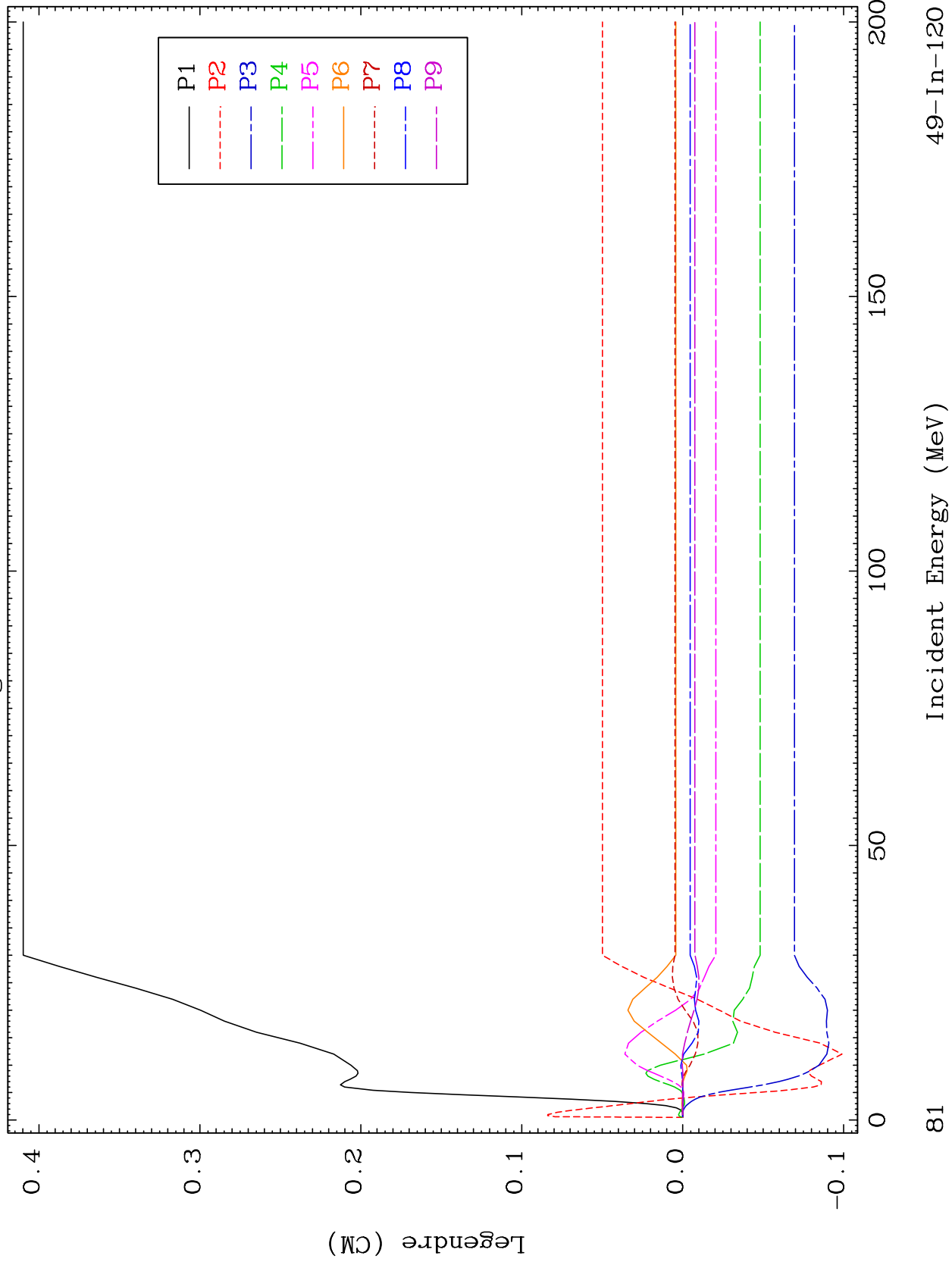




MAT 4946

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

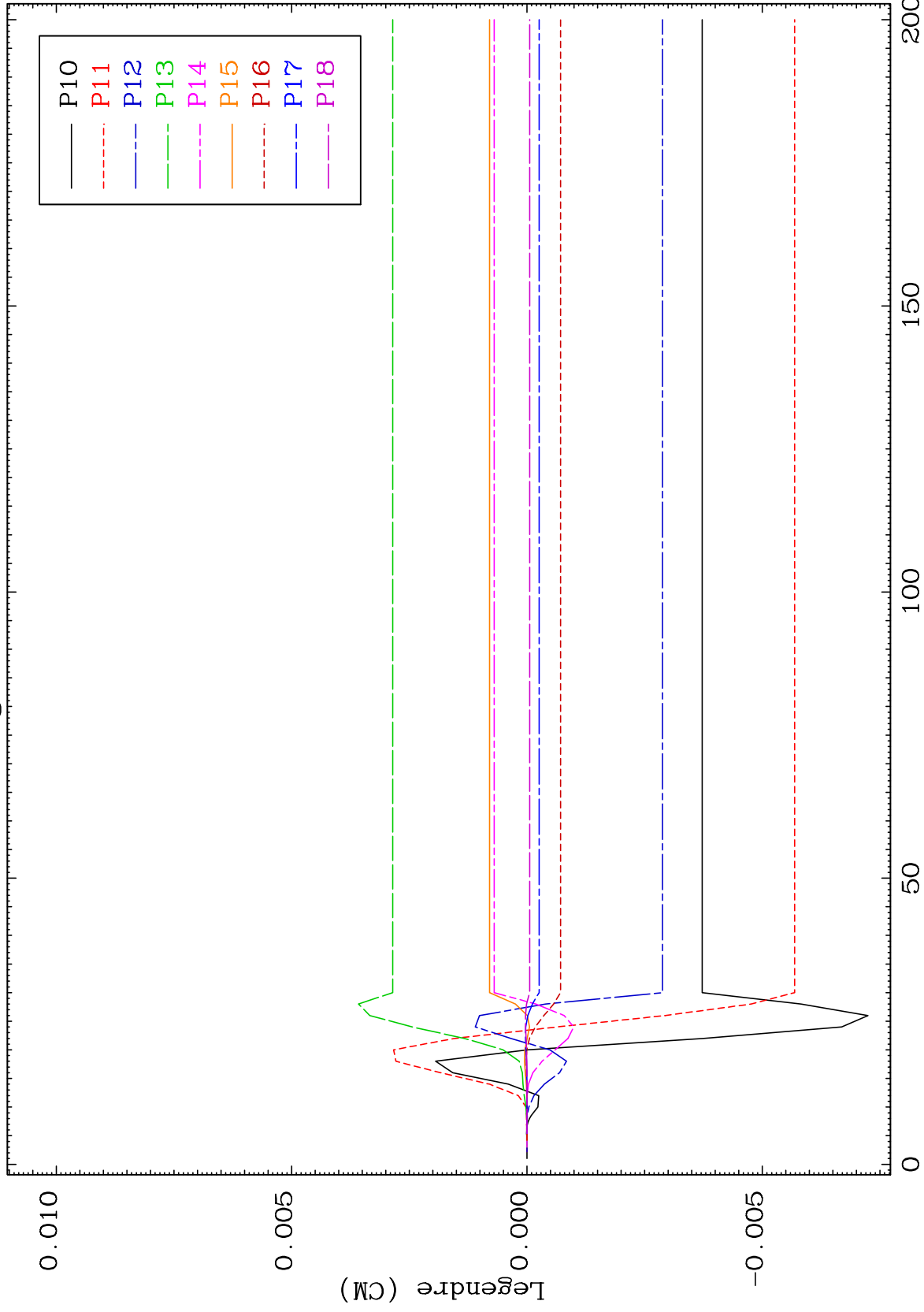
49-In-120



MAT 4946

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

49-In-120



82

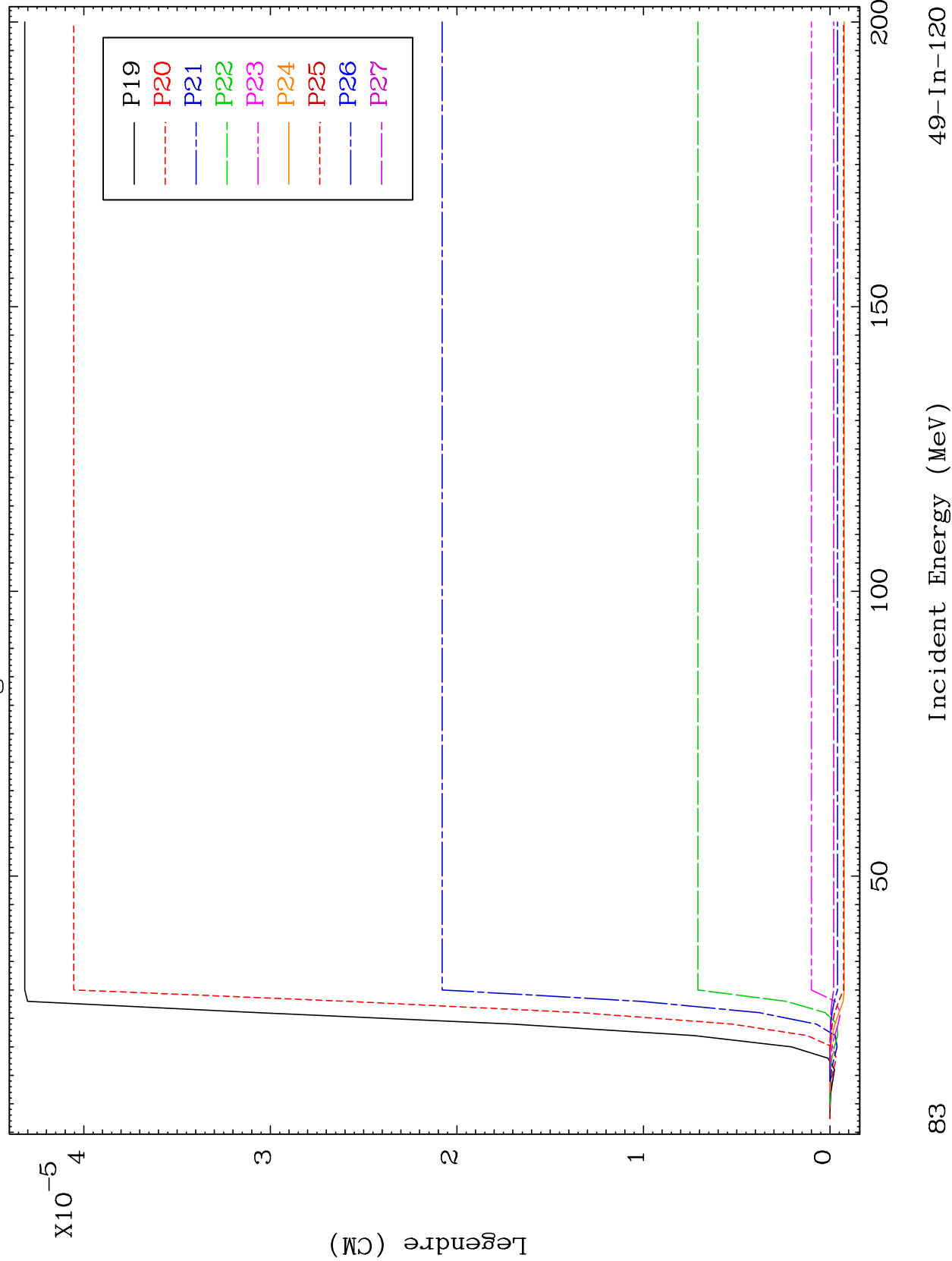
Incident Energy (MeV)

49-In-120

MAT 4946

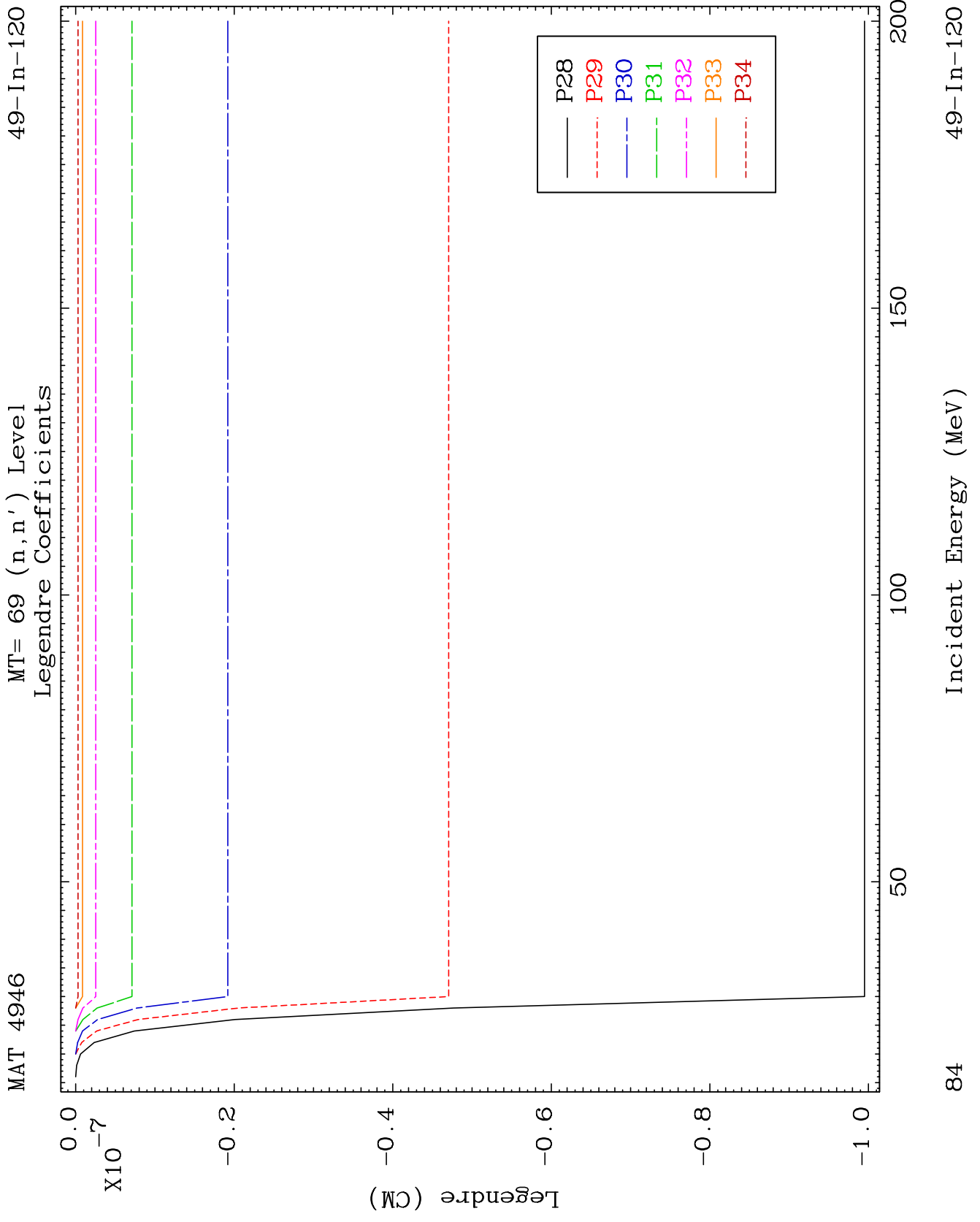
MT= 69 (n,n') Level
Legendre Coefficients

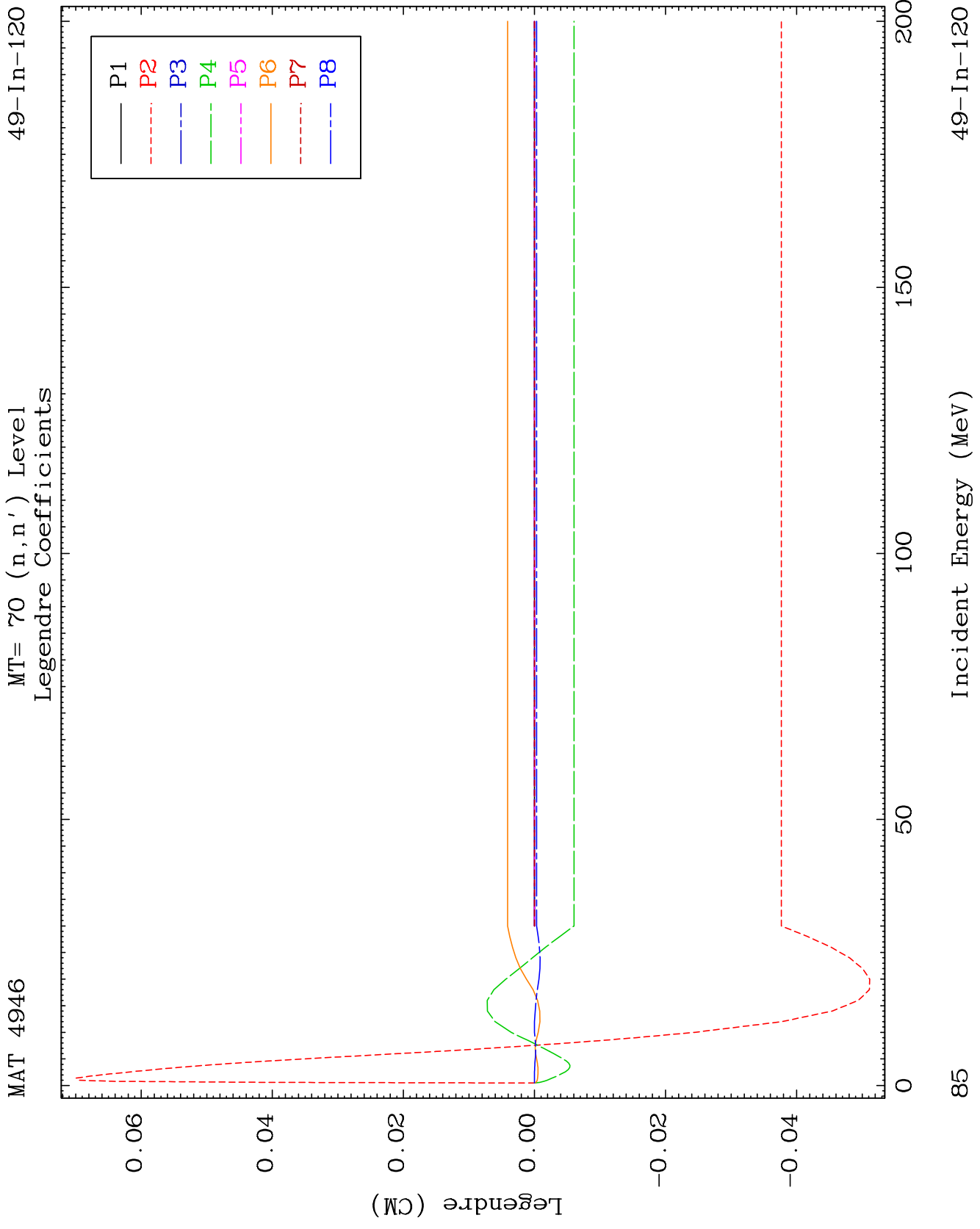
49-In-120



83

49-In-120

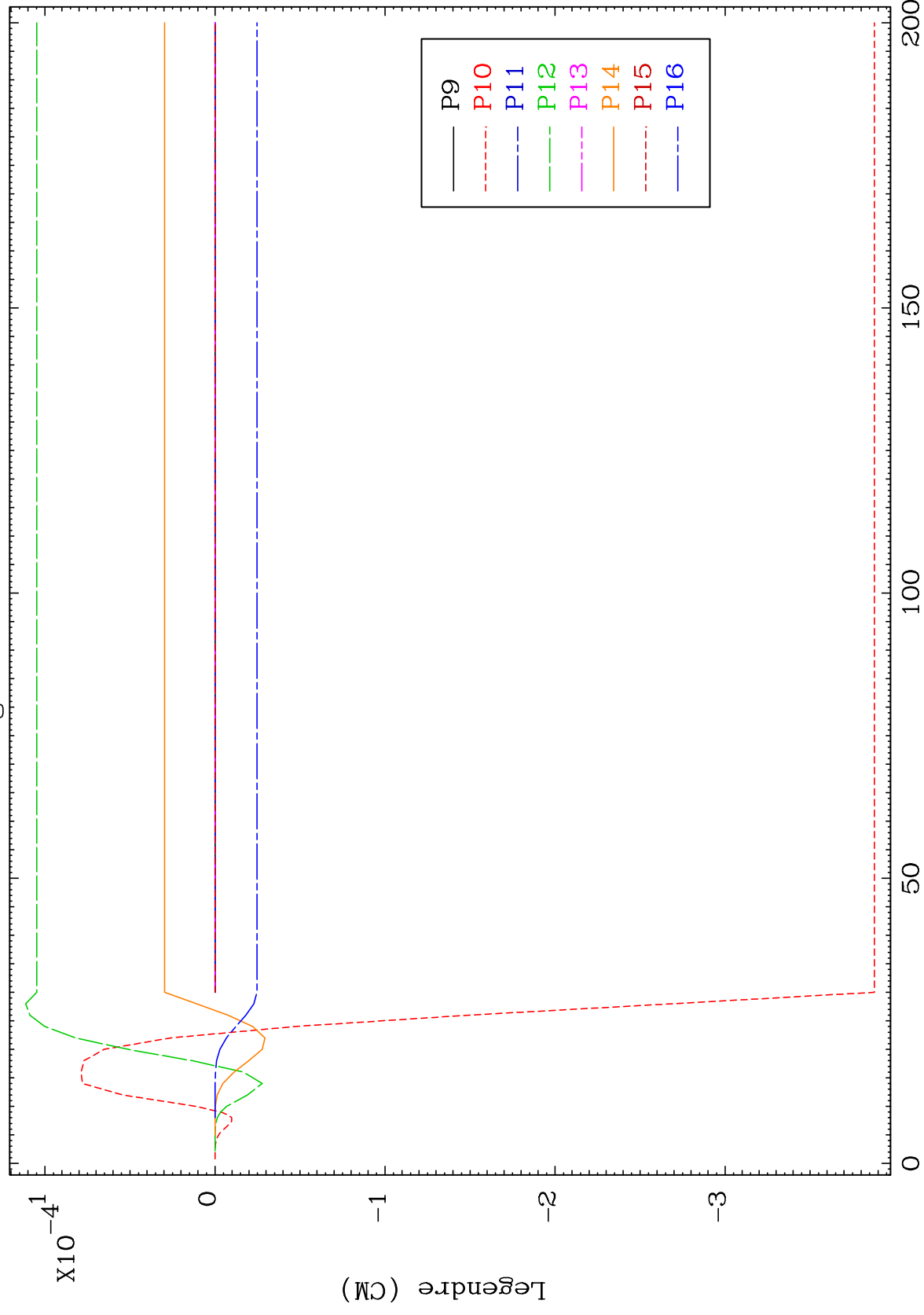




MAT 4946

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

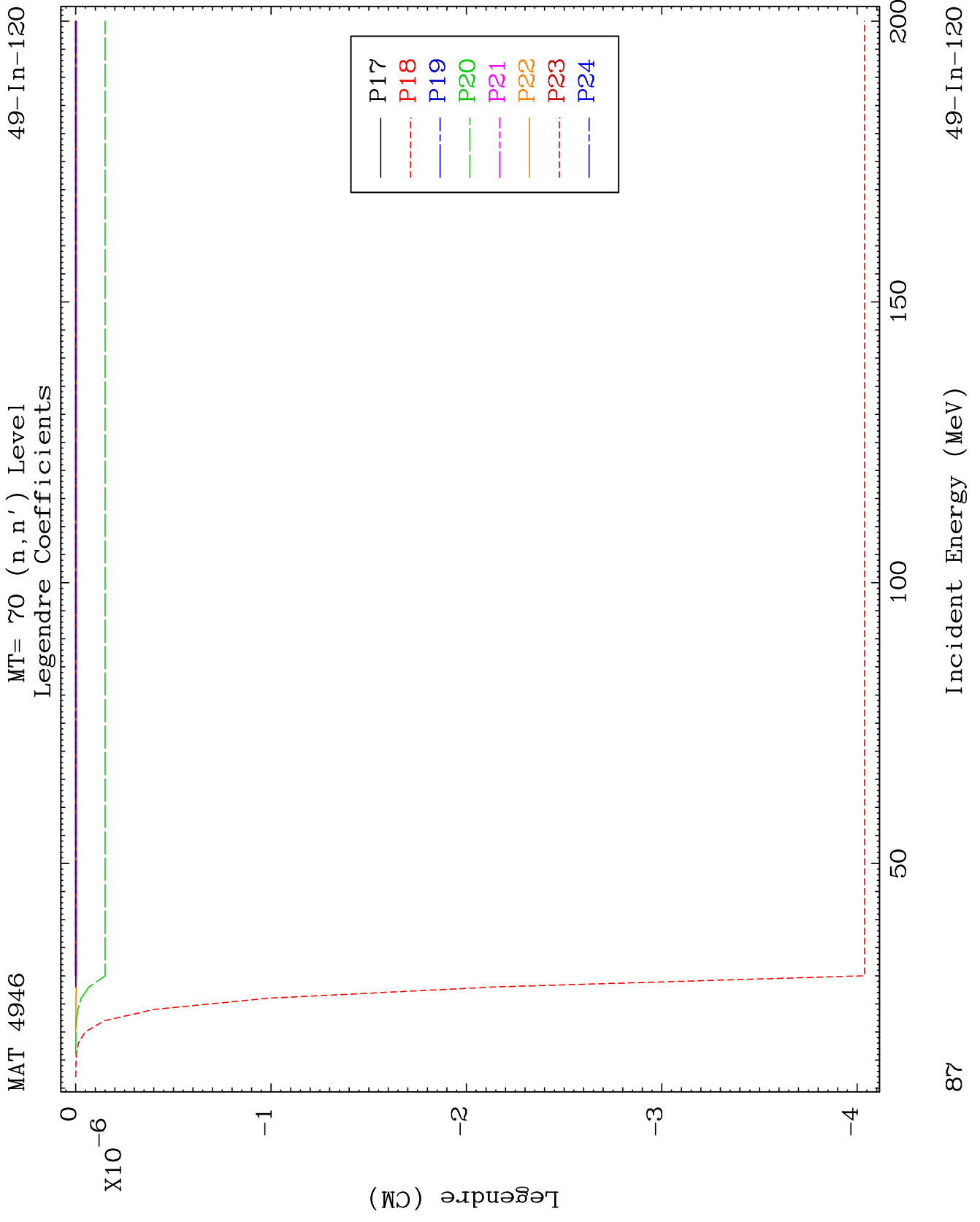
49-In-120



86

Incident Energy (MeV)

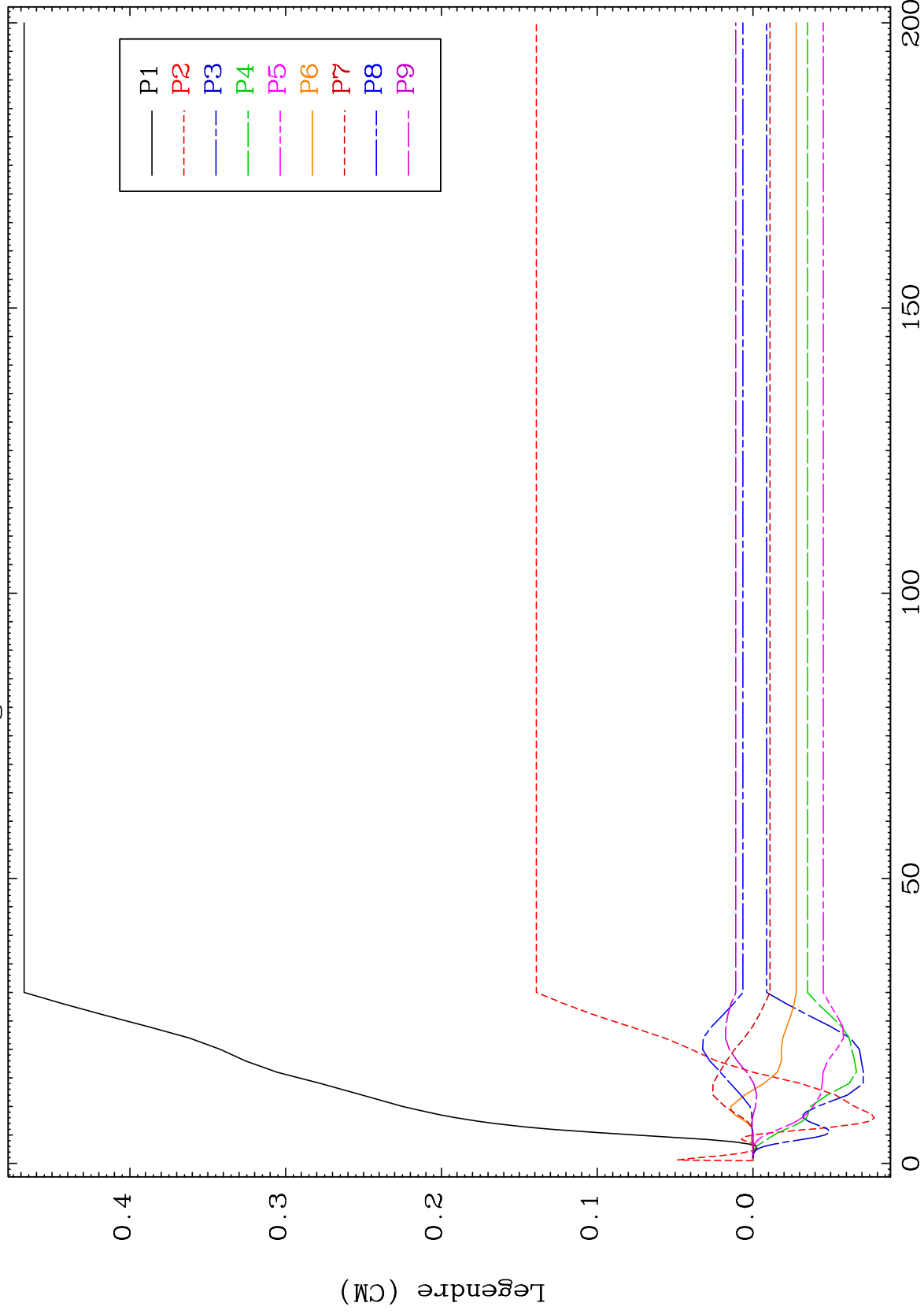
49-In-120



MAT 4946

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

49-In-120



88

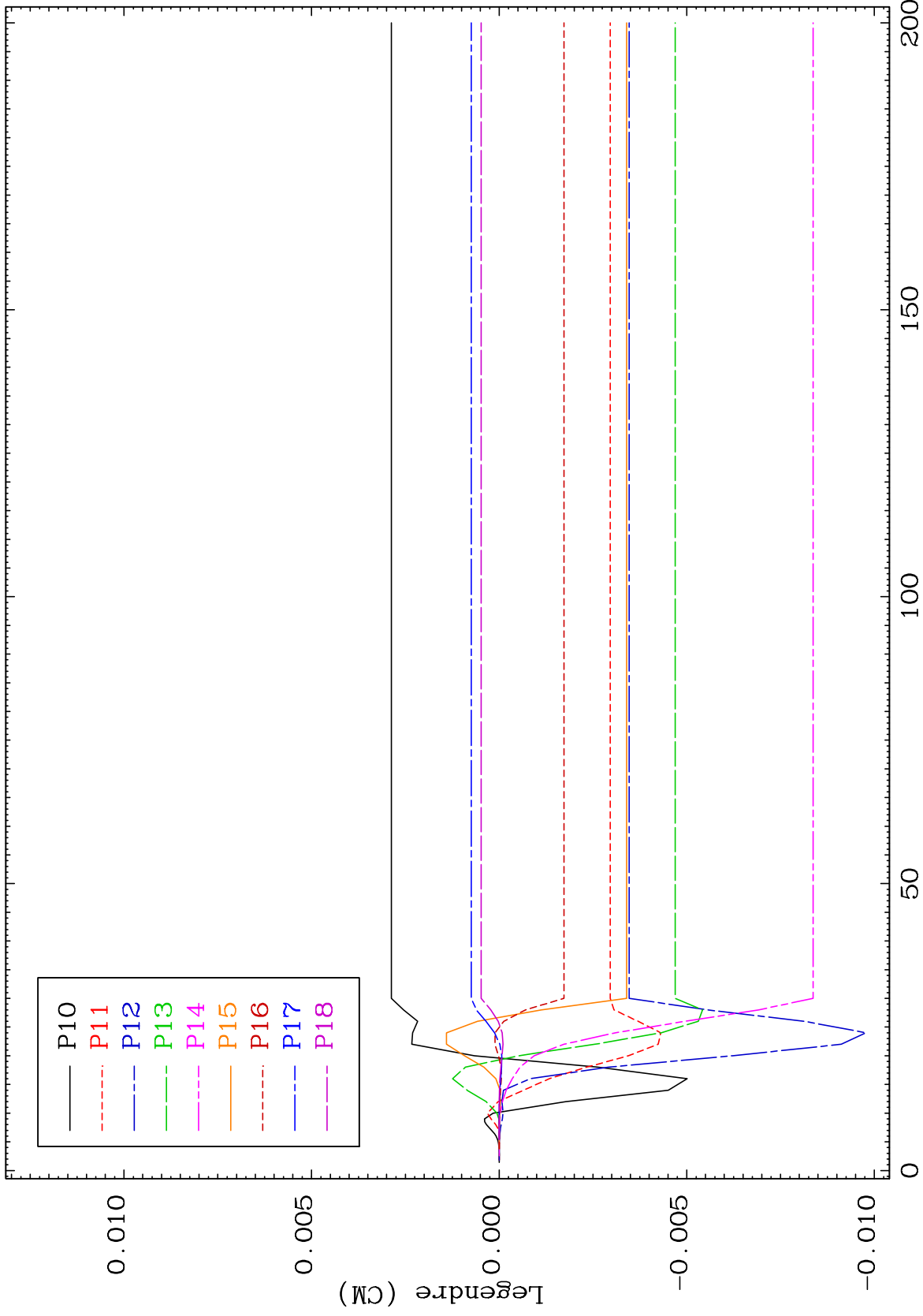
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



89

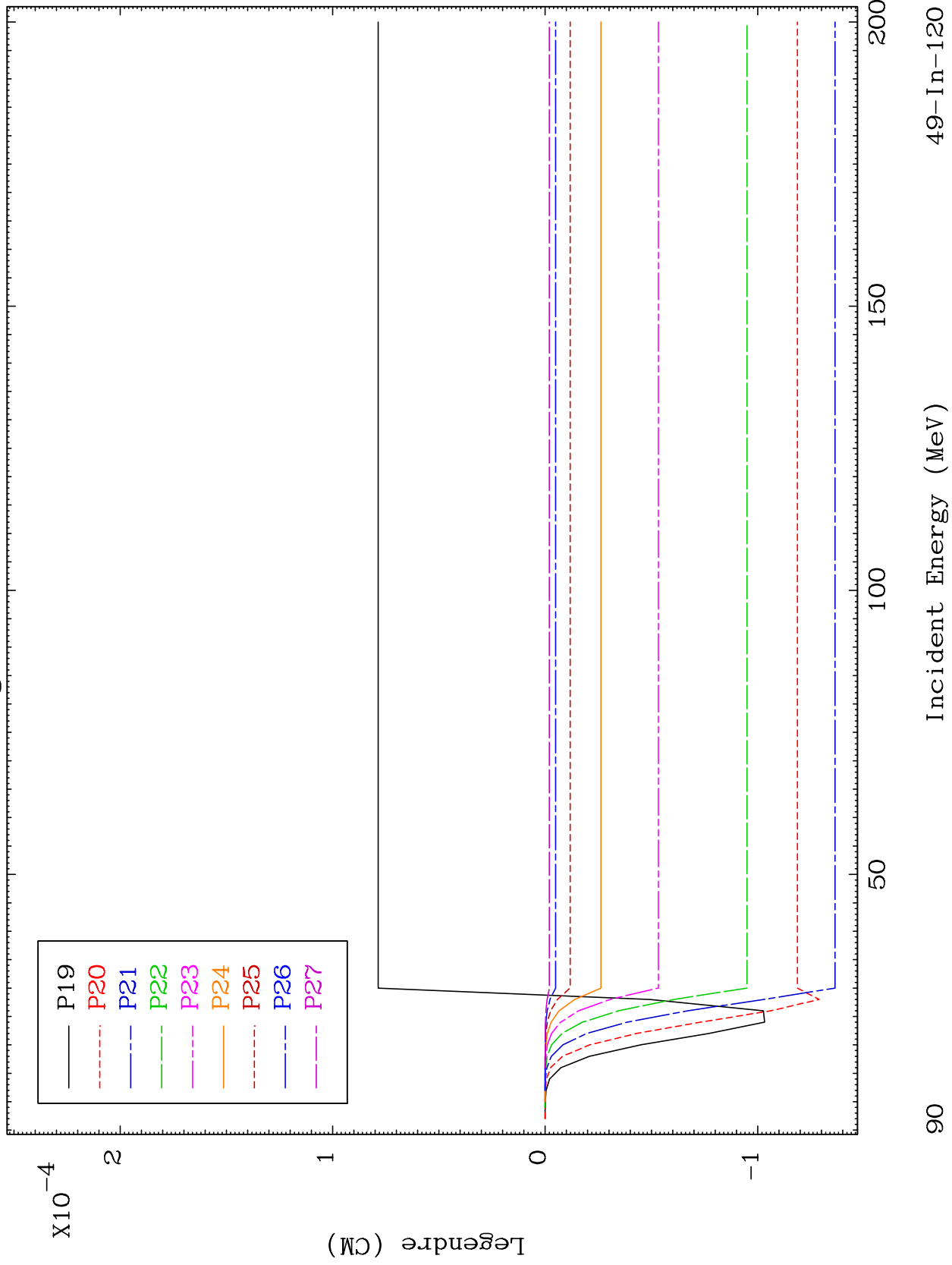
Incident Energy (MeV)

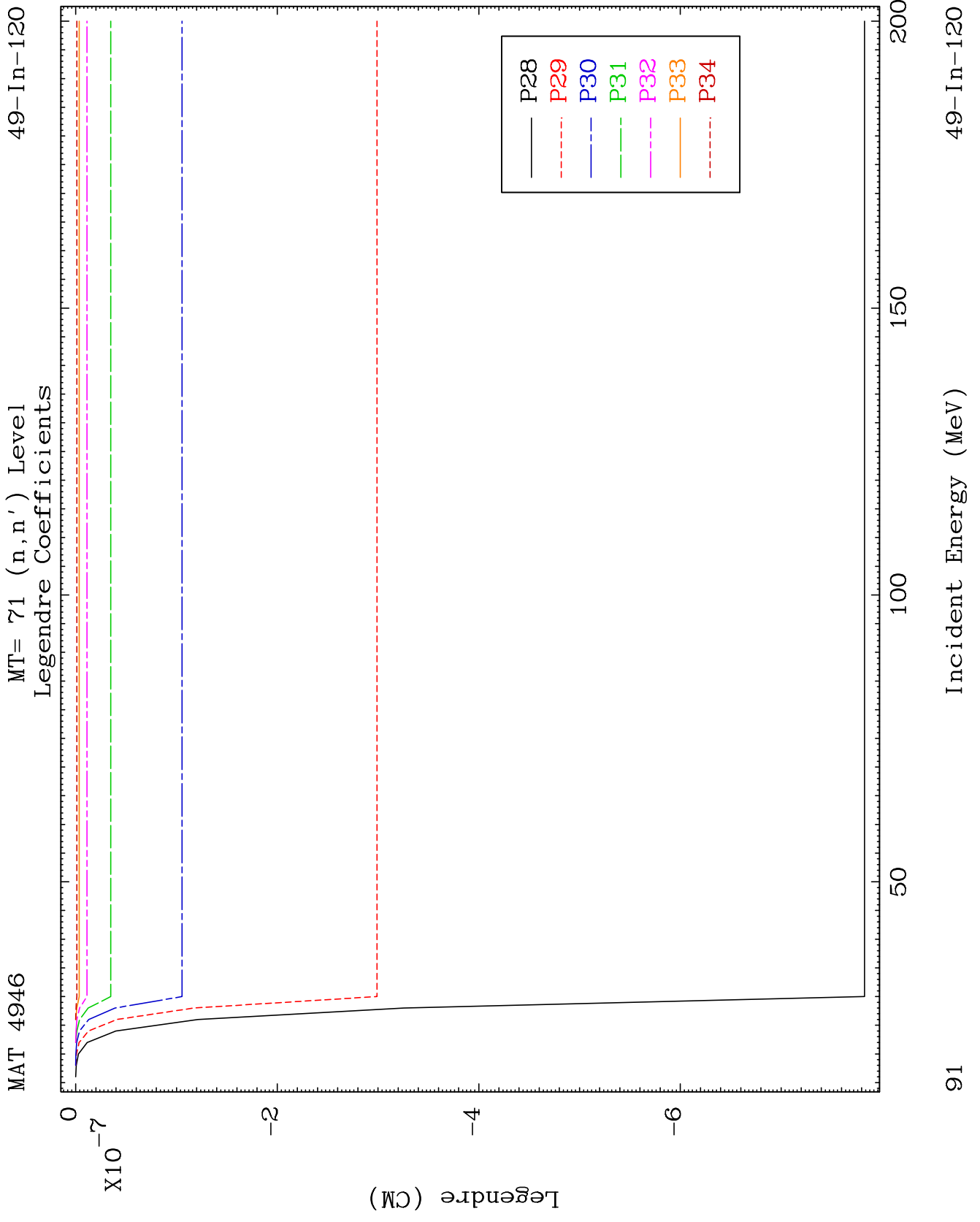
49-In-120

MAT 4946

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

49-In-120

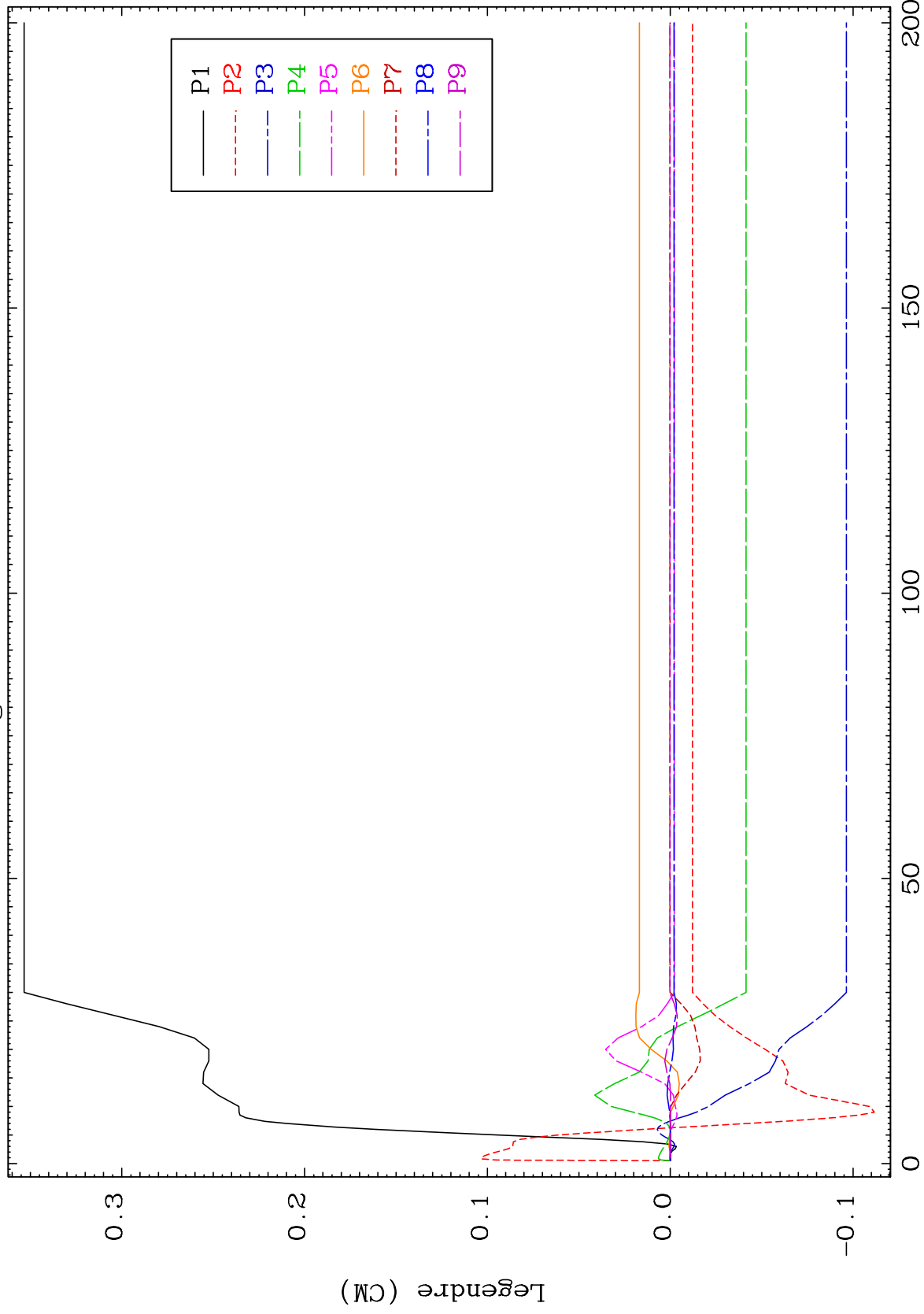




MAT 4946

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

49-In-120



92

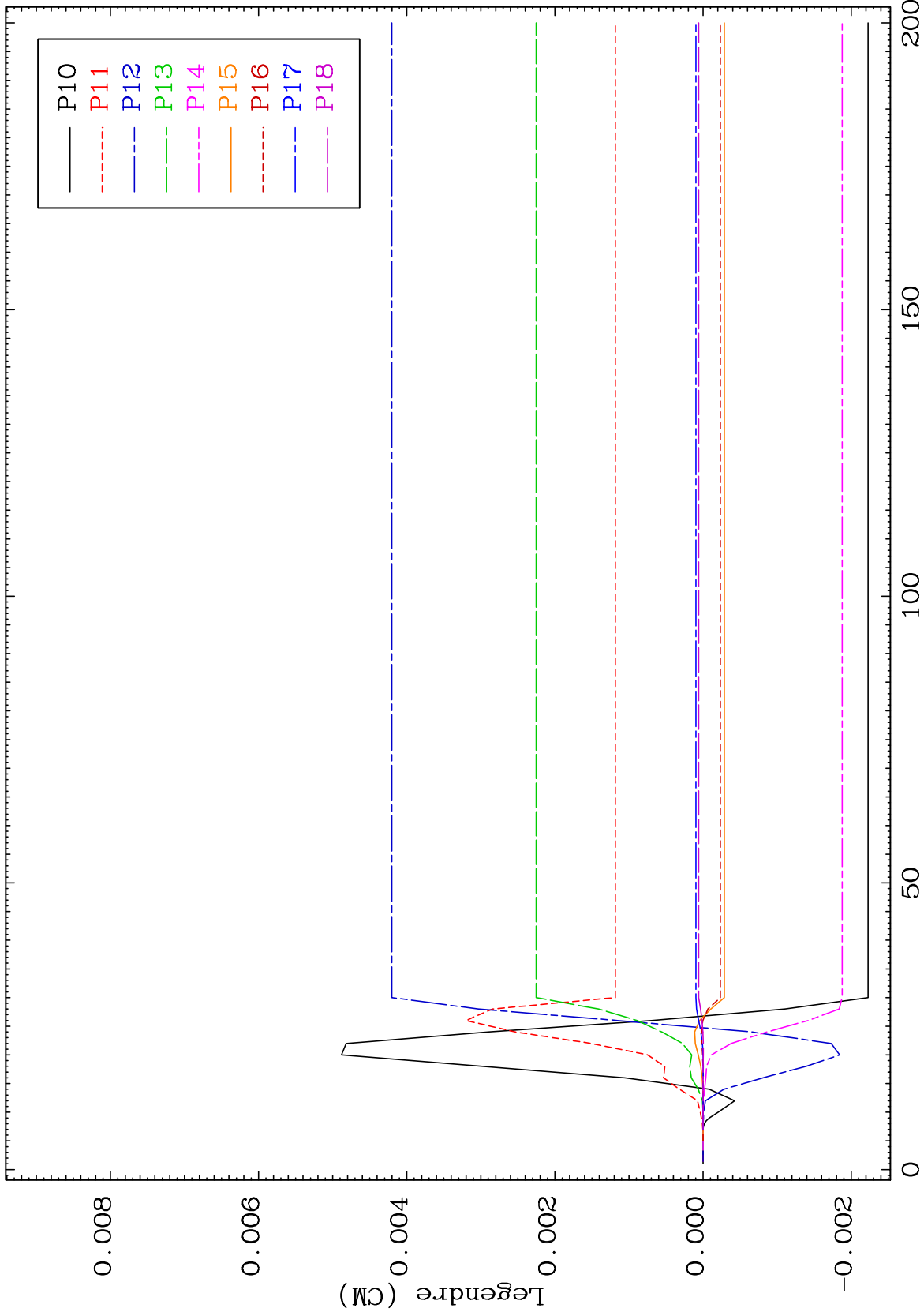
Incident Energy (MeV)

49-In-120

MAT 4946

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

49-In-120



93

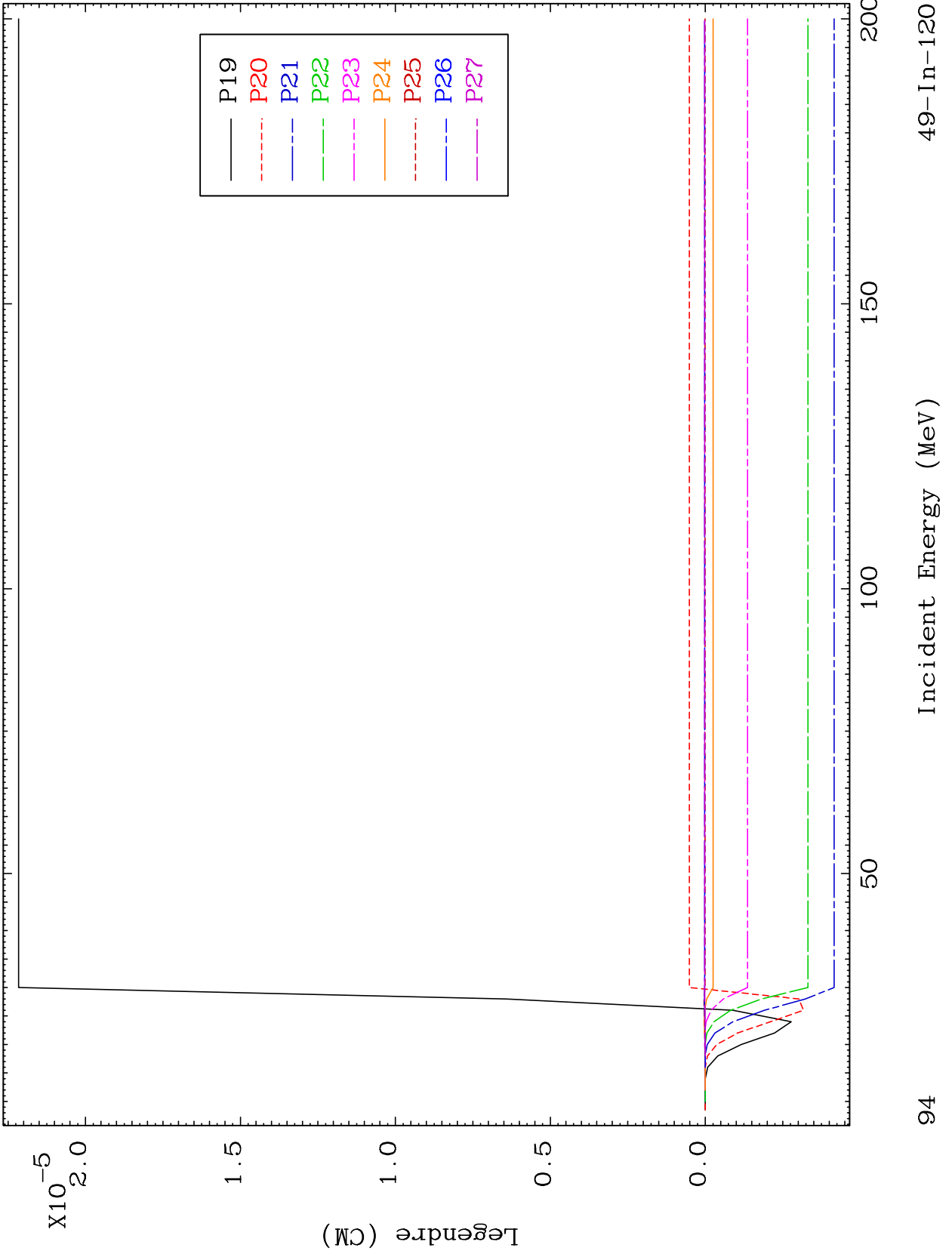
Incident Energy (MeV)

49-In-120

MAT 4946

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

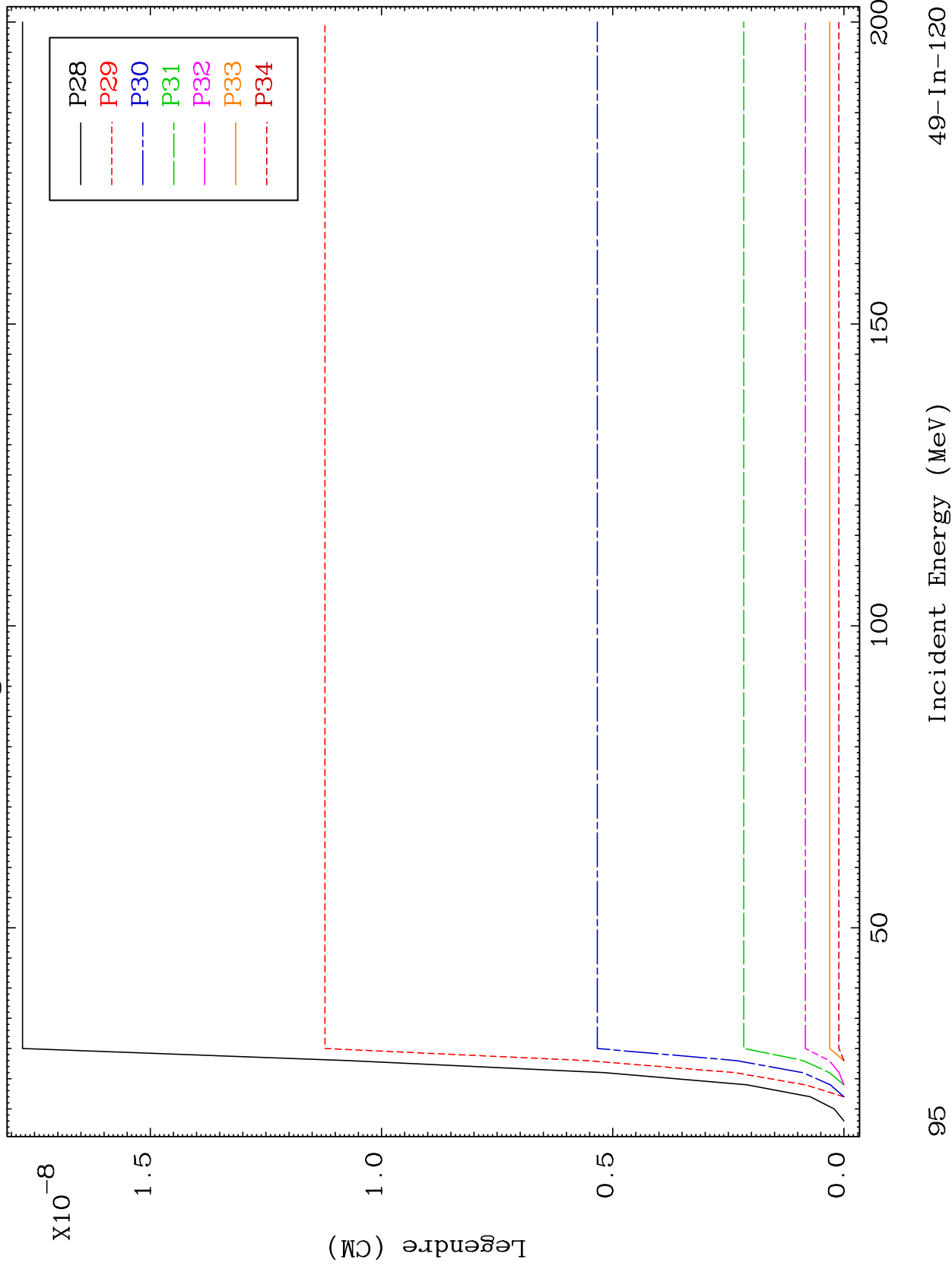
49-In-120



MAT 4946

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

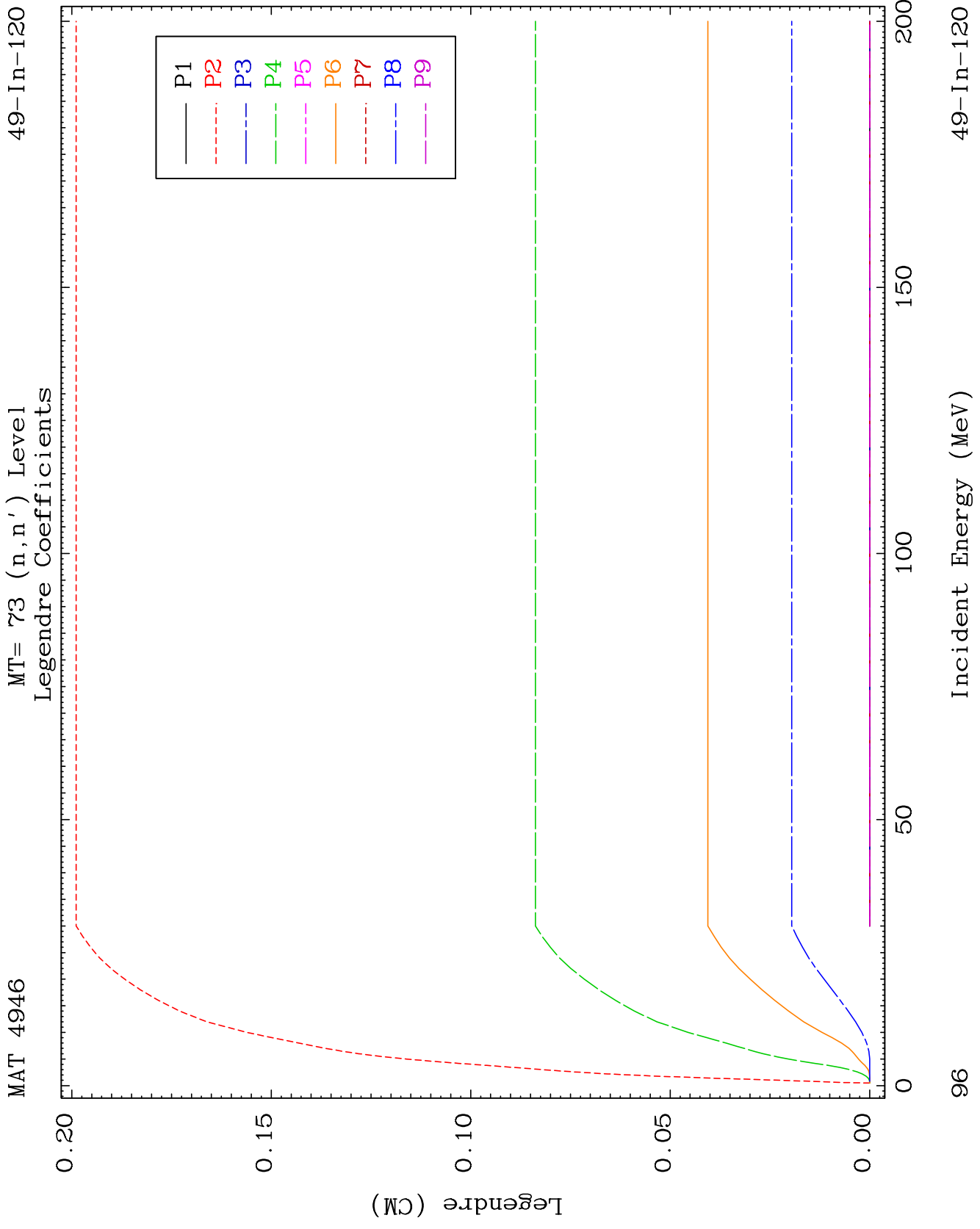
49-In-120



95

Incident Energy (MeV)

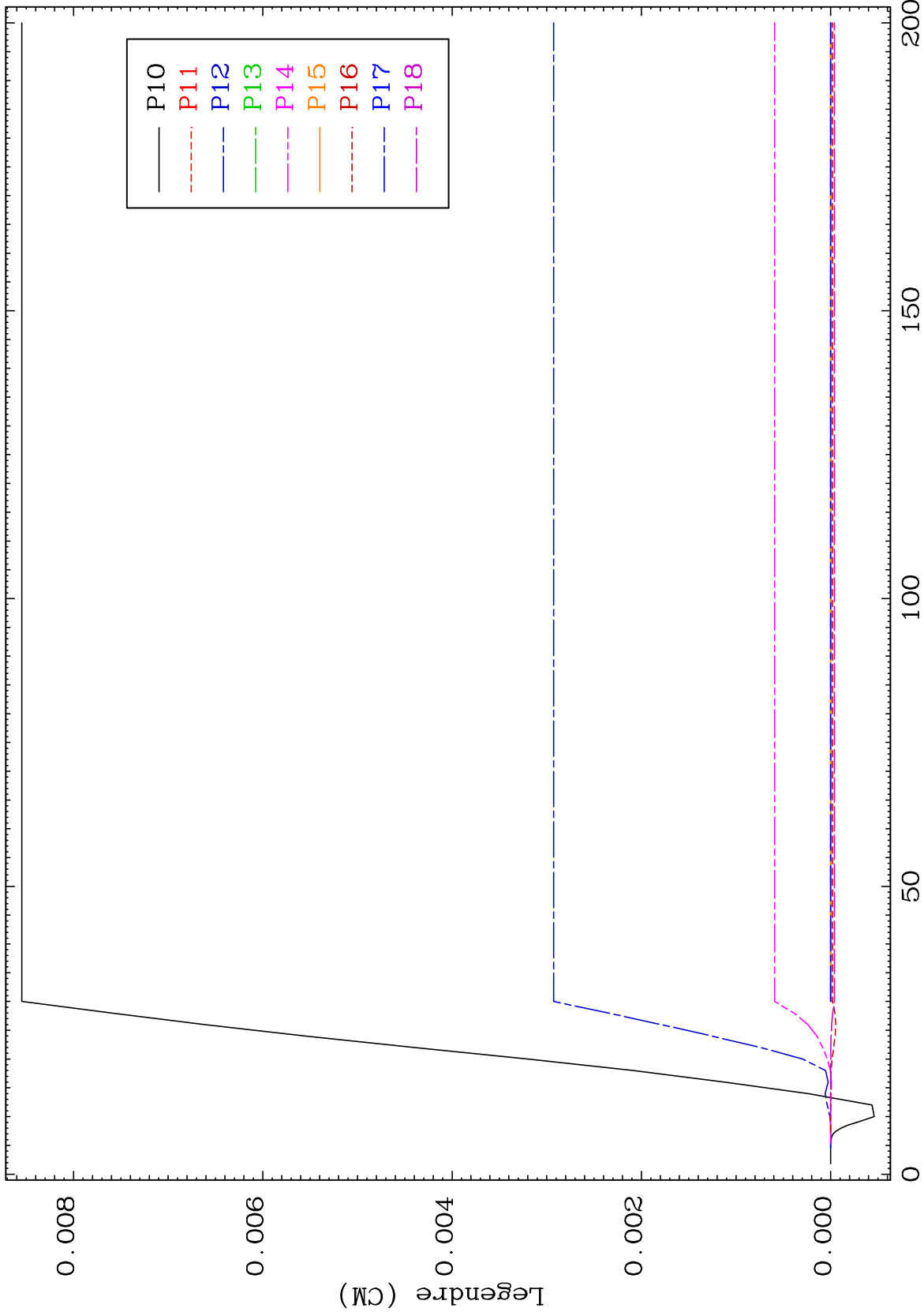
49-In-120



MAT 4946

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

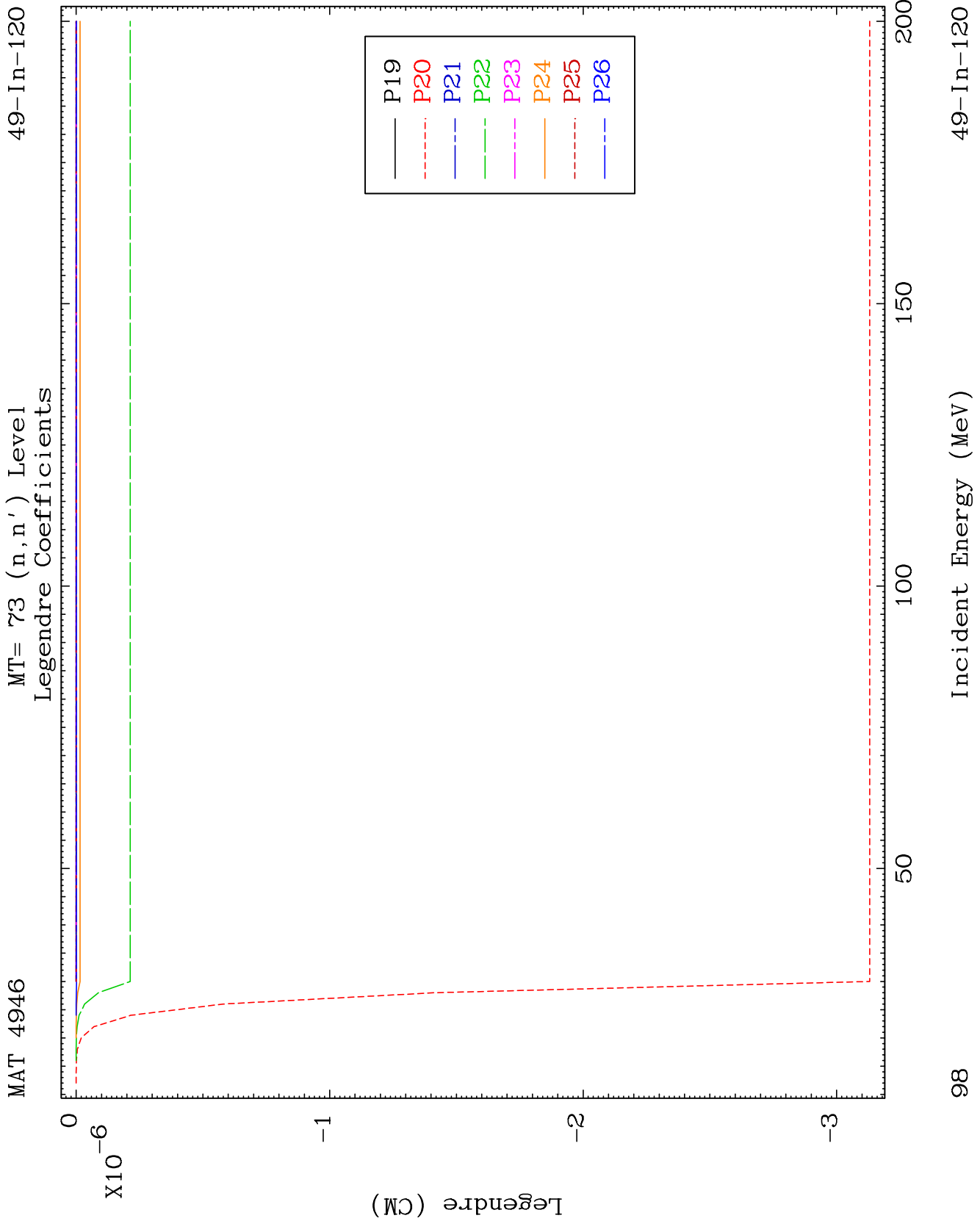
49-In-120

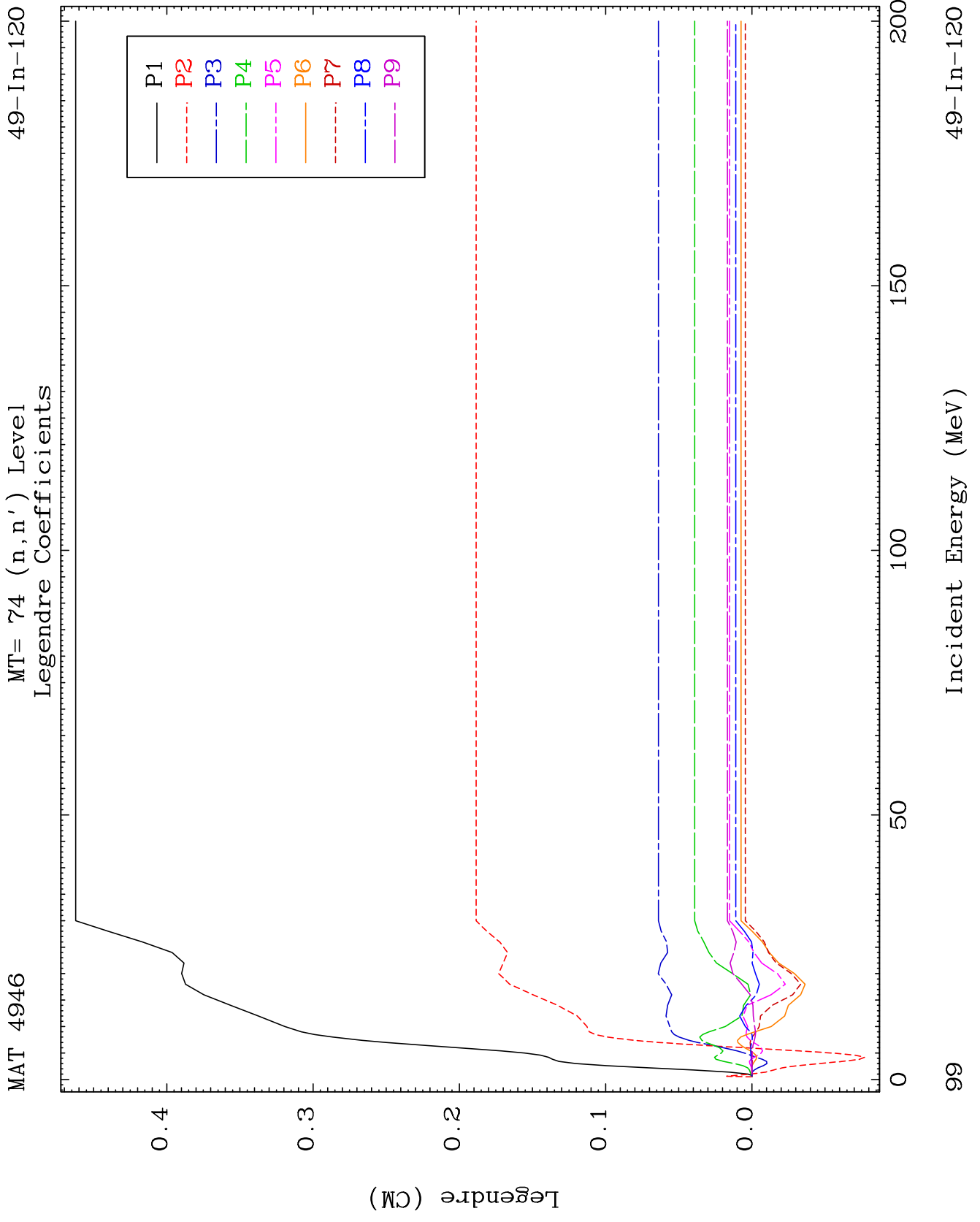


97

Incident Energy (MeV)

49-In-120

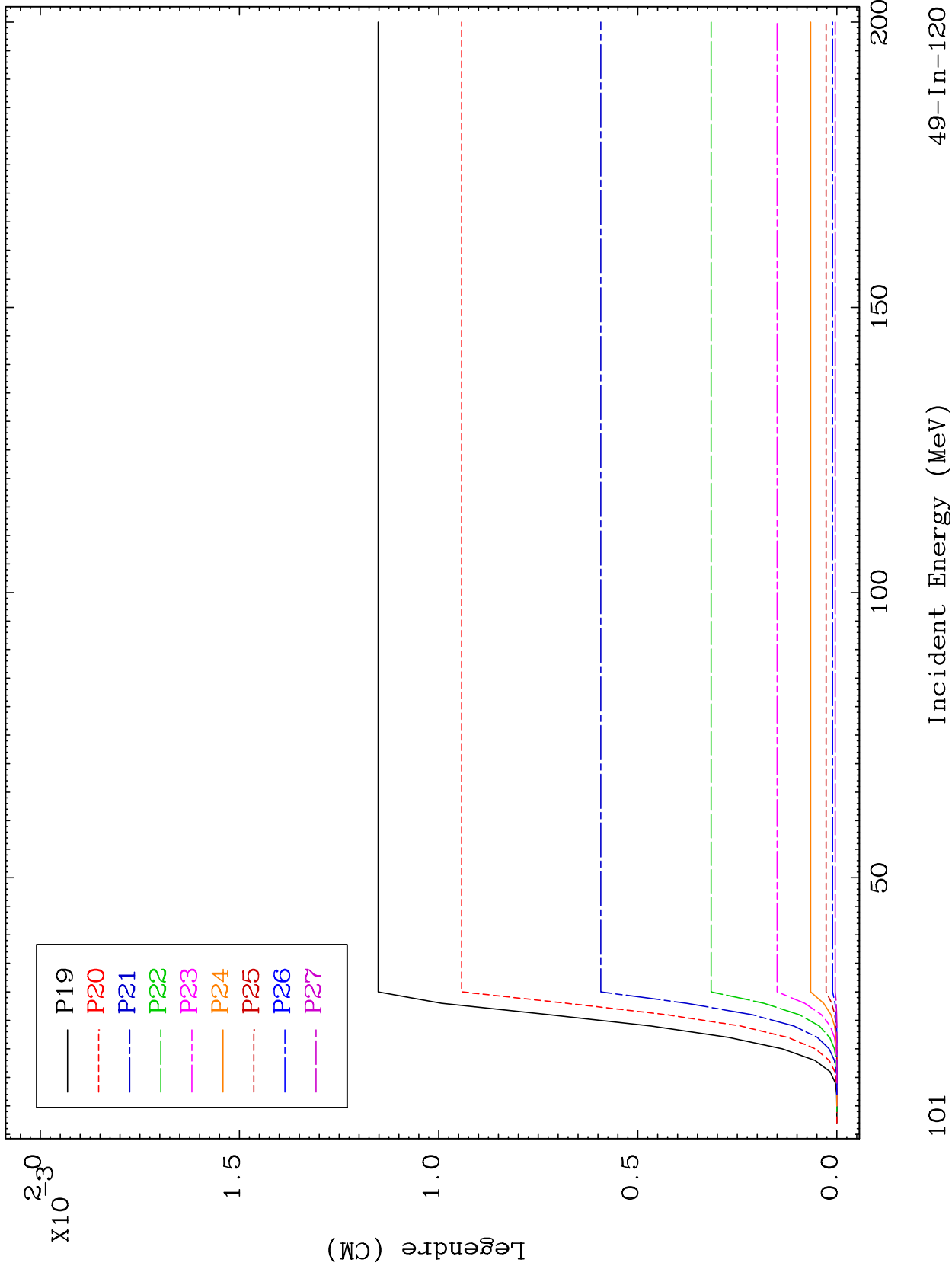




MAT 4946

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

49-In-120



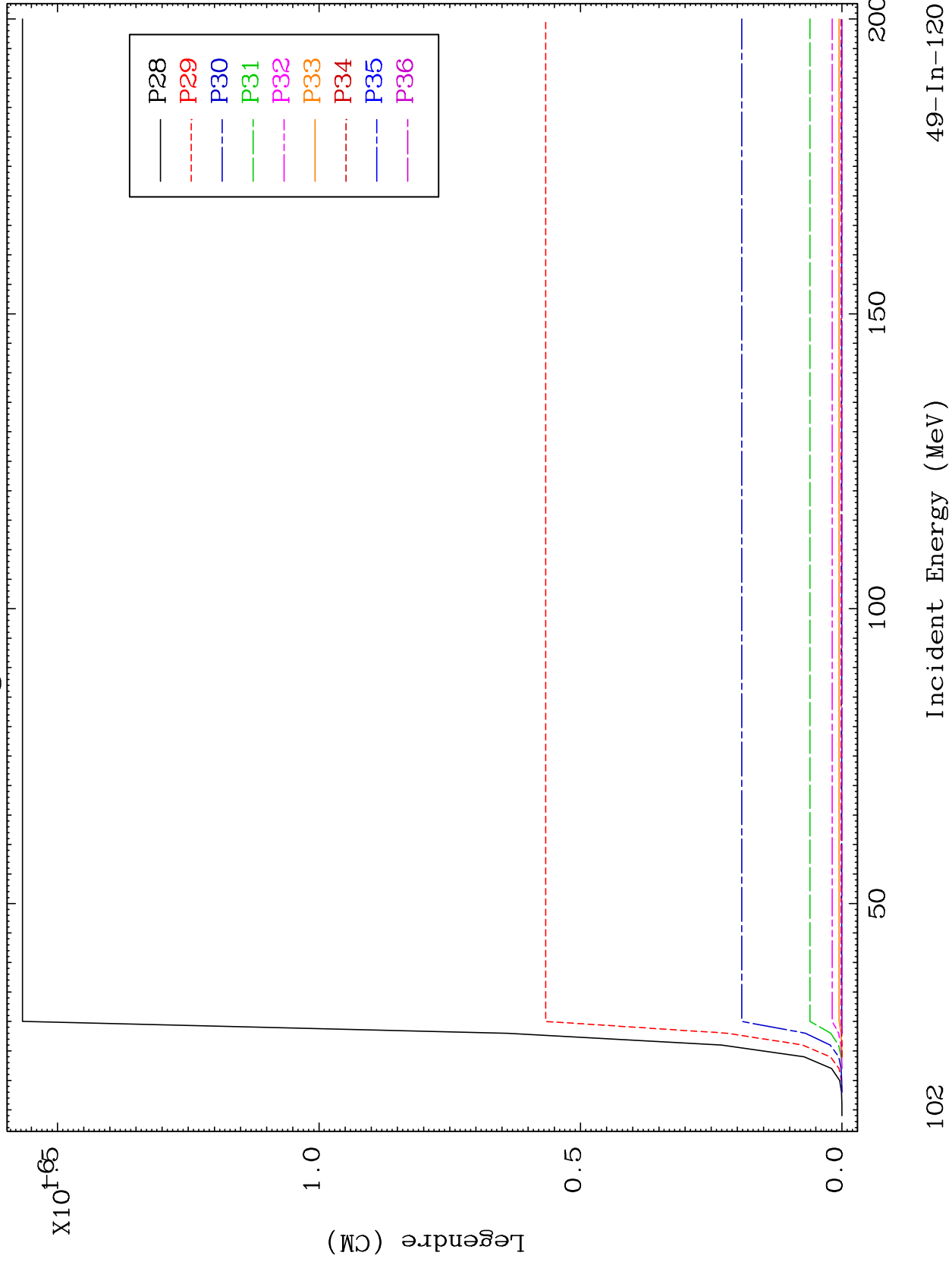
101

49-In-120

MAT 4946

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

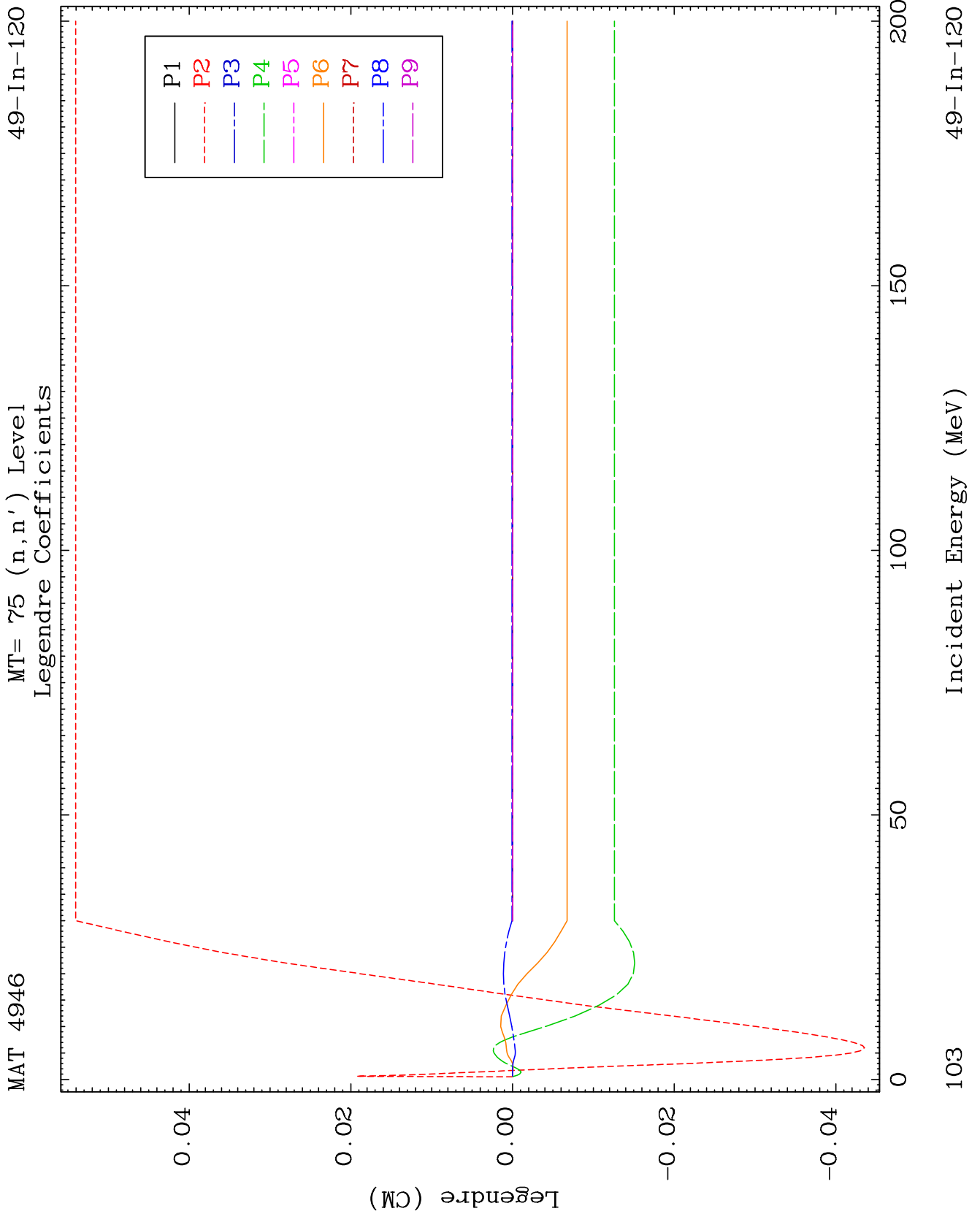
49-In-120



102

Incident Energy (MeV)

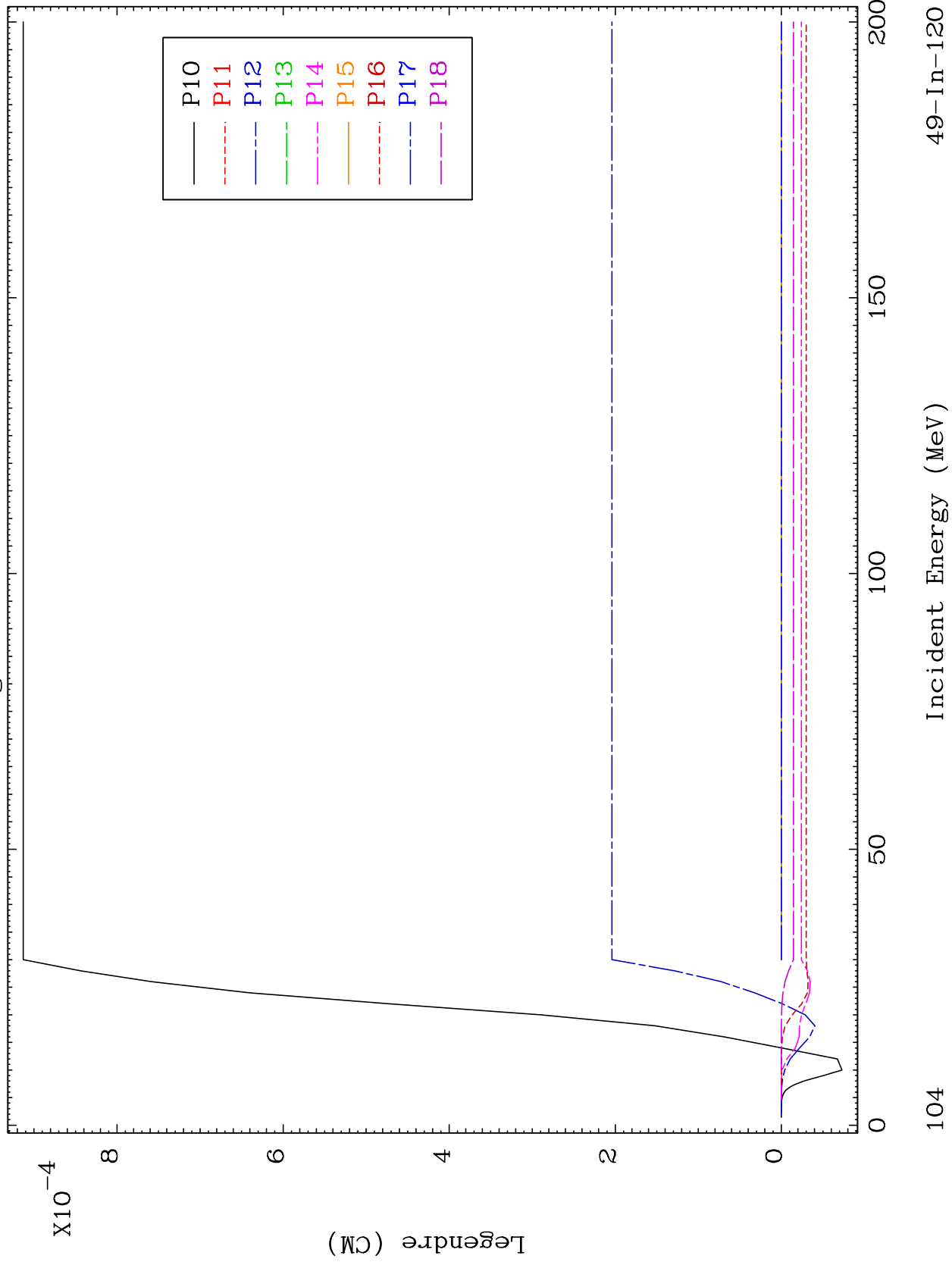
49-In-120

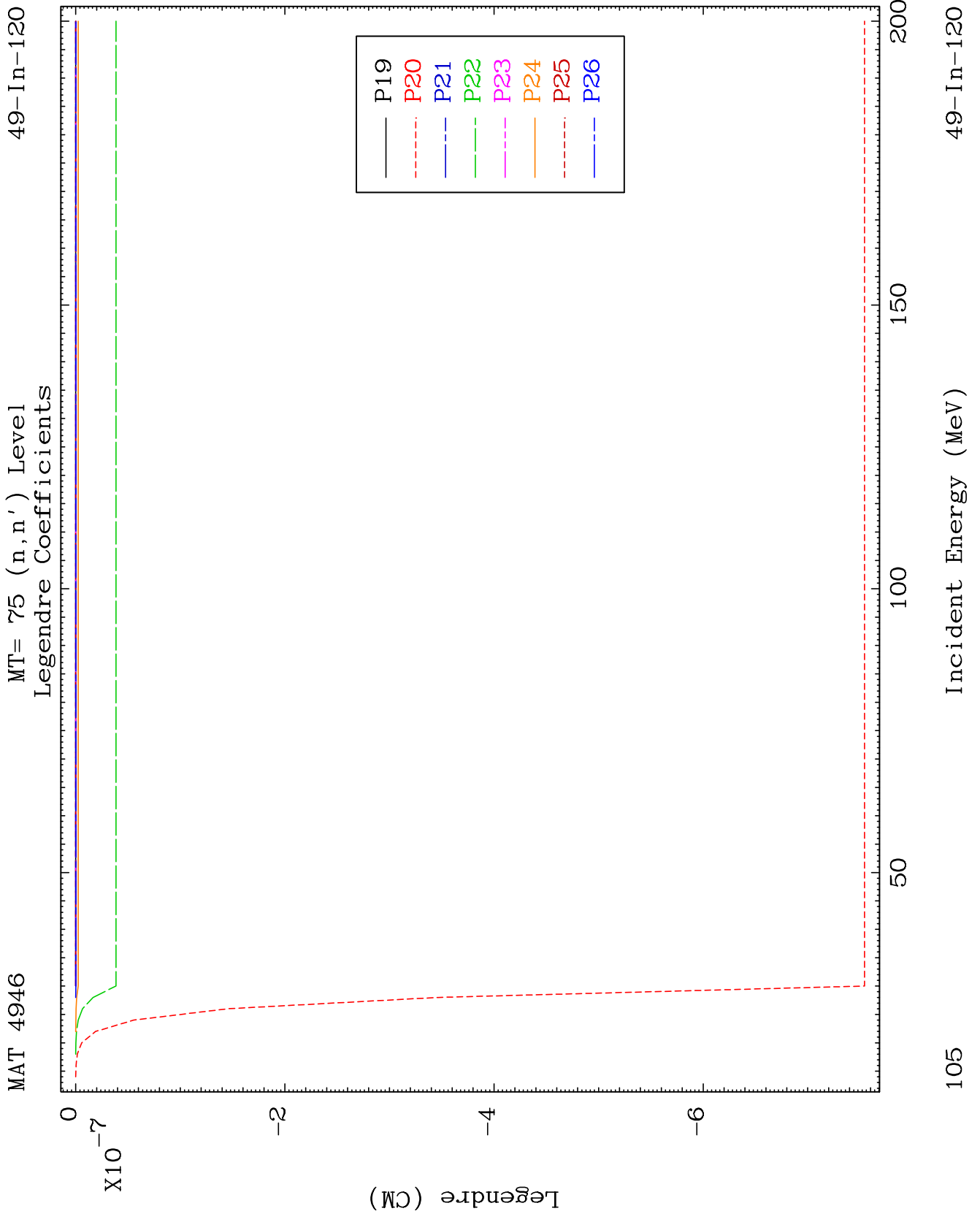


MAT 4946

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

49-In-120



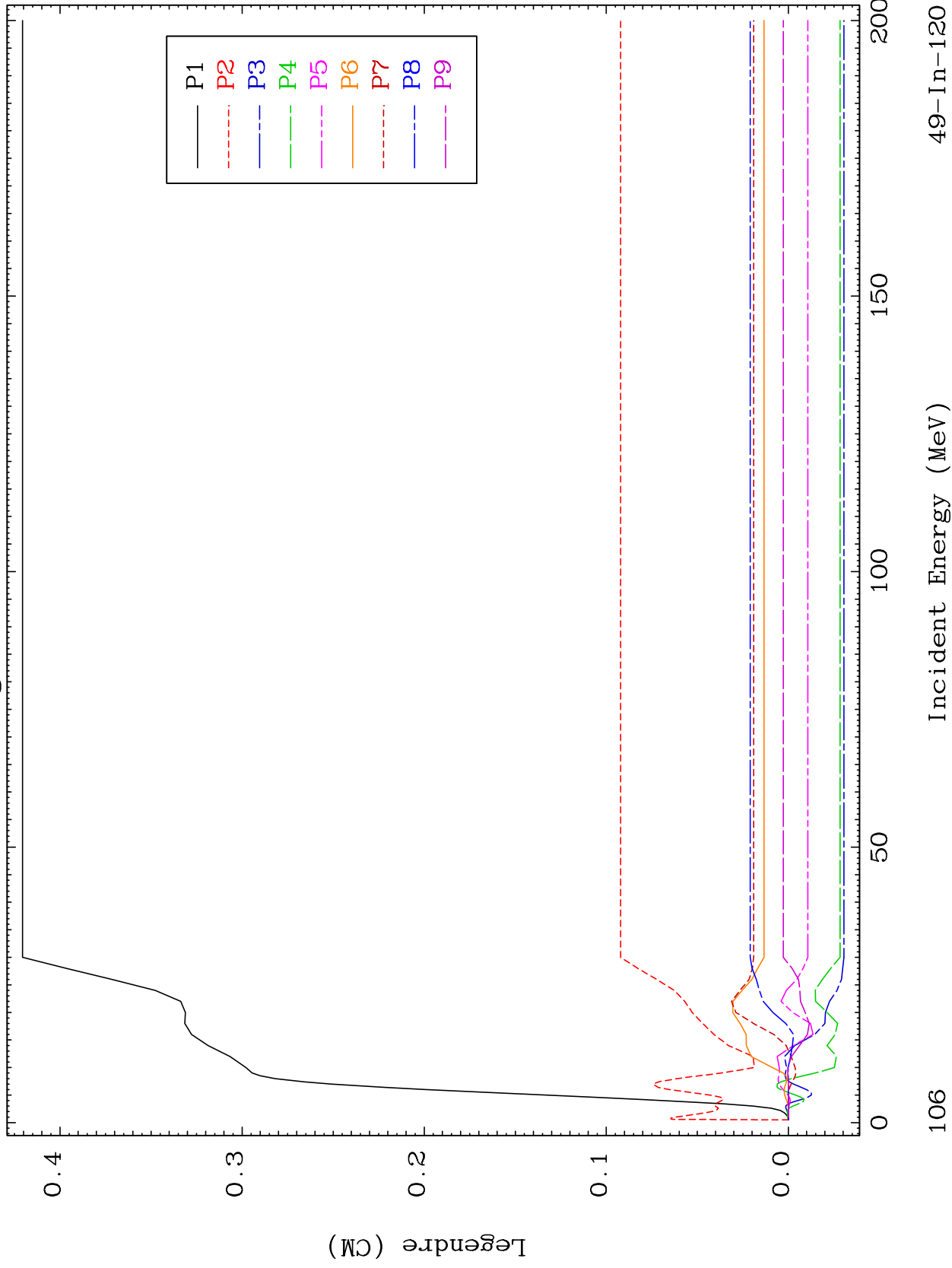


MAT 4946

MT= 76 (n,n') Level

49-In-120

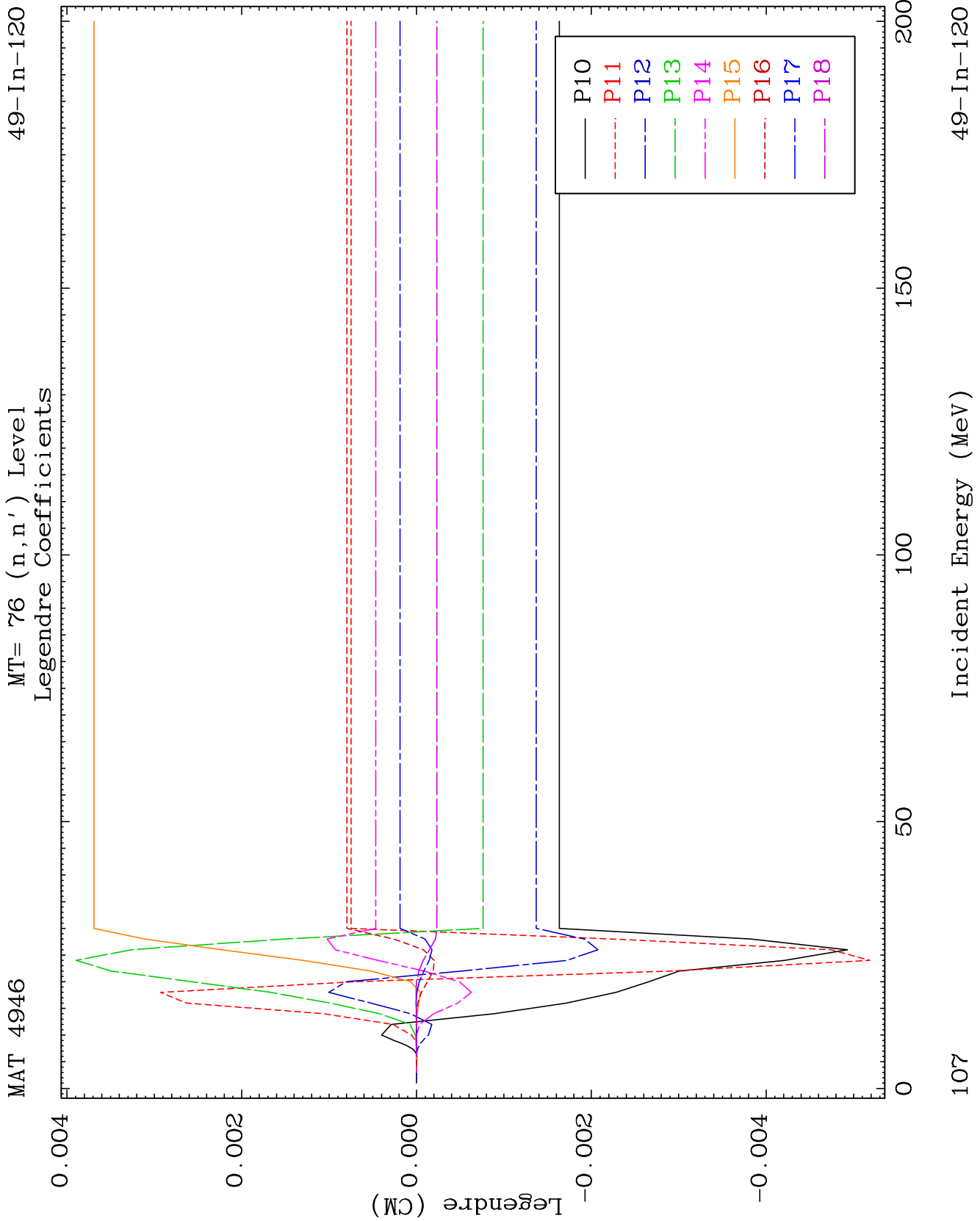
Legendre Coefficients

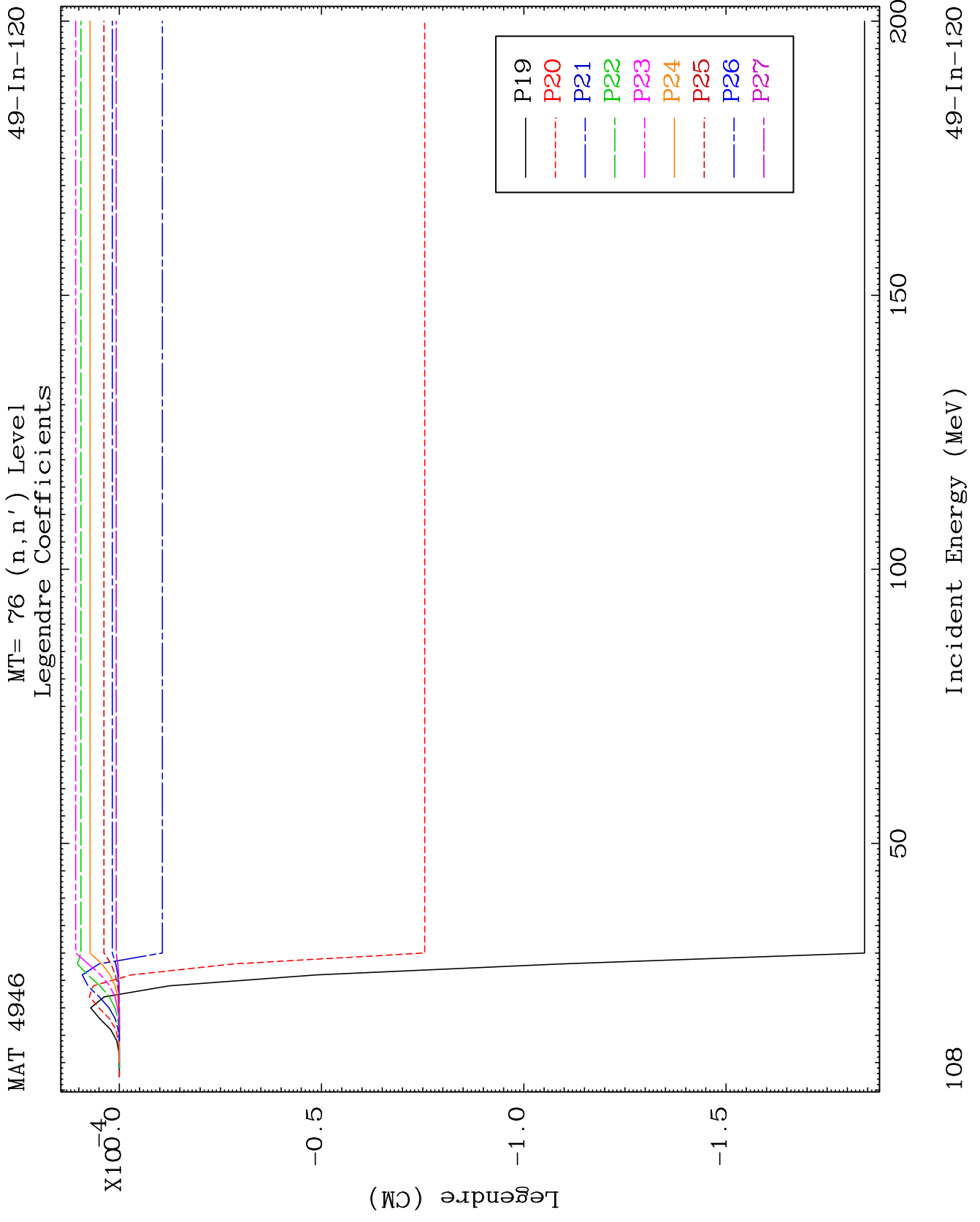


106

Incident Energy (MeV)

49-In-120

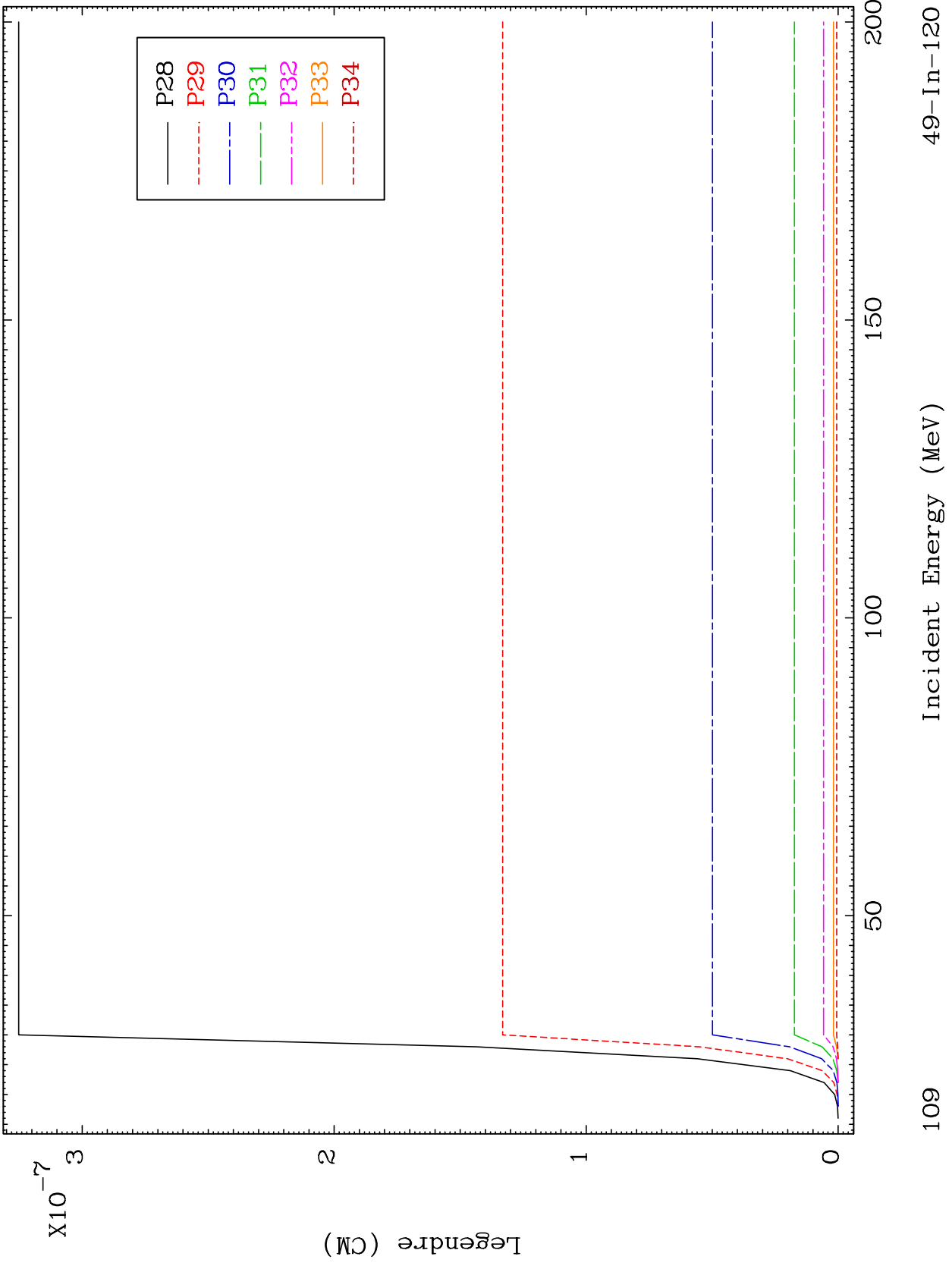




MAT 4946

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

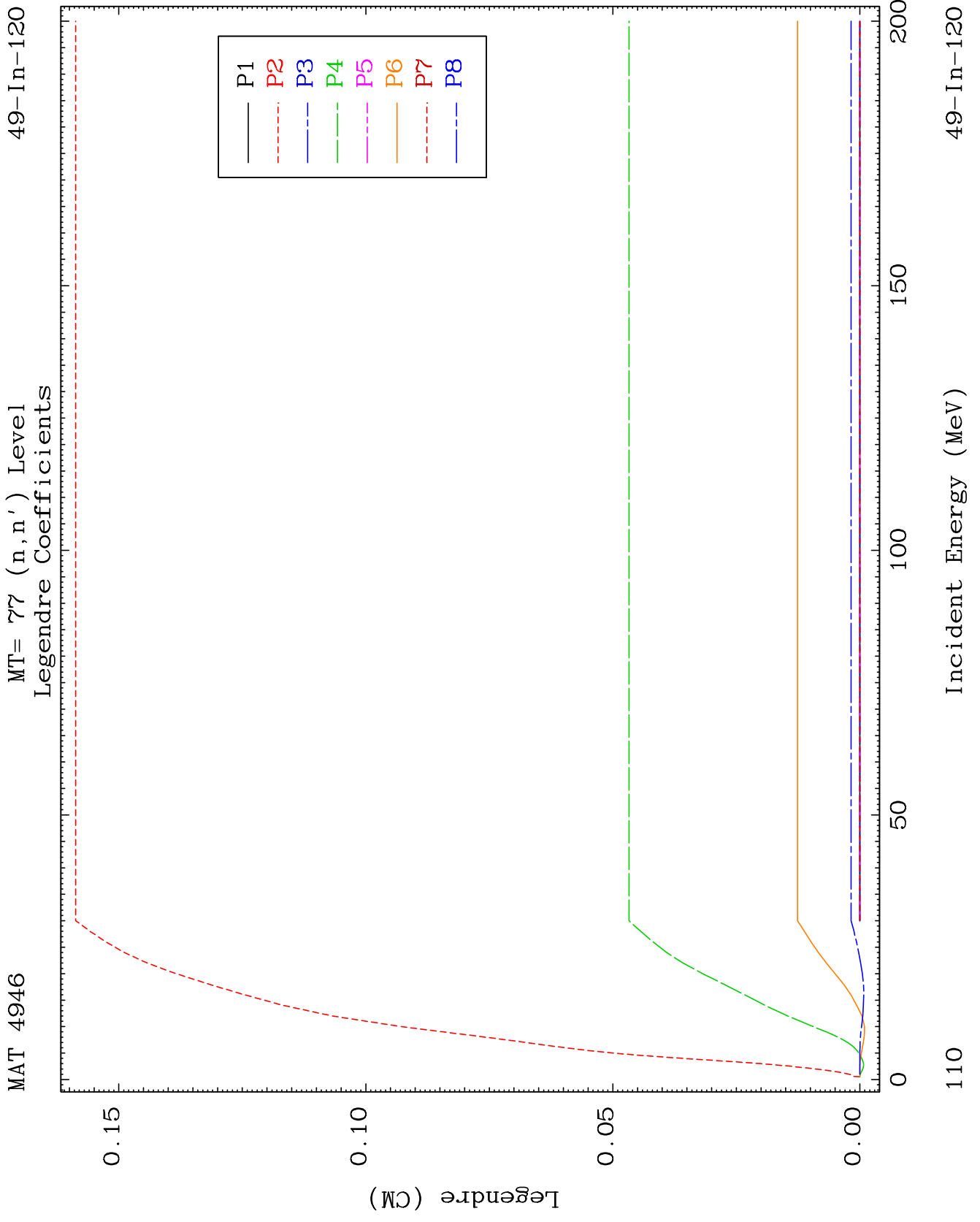
49-In-120

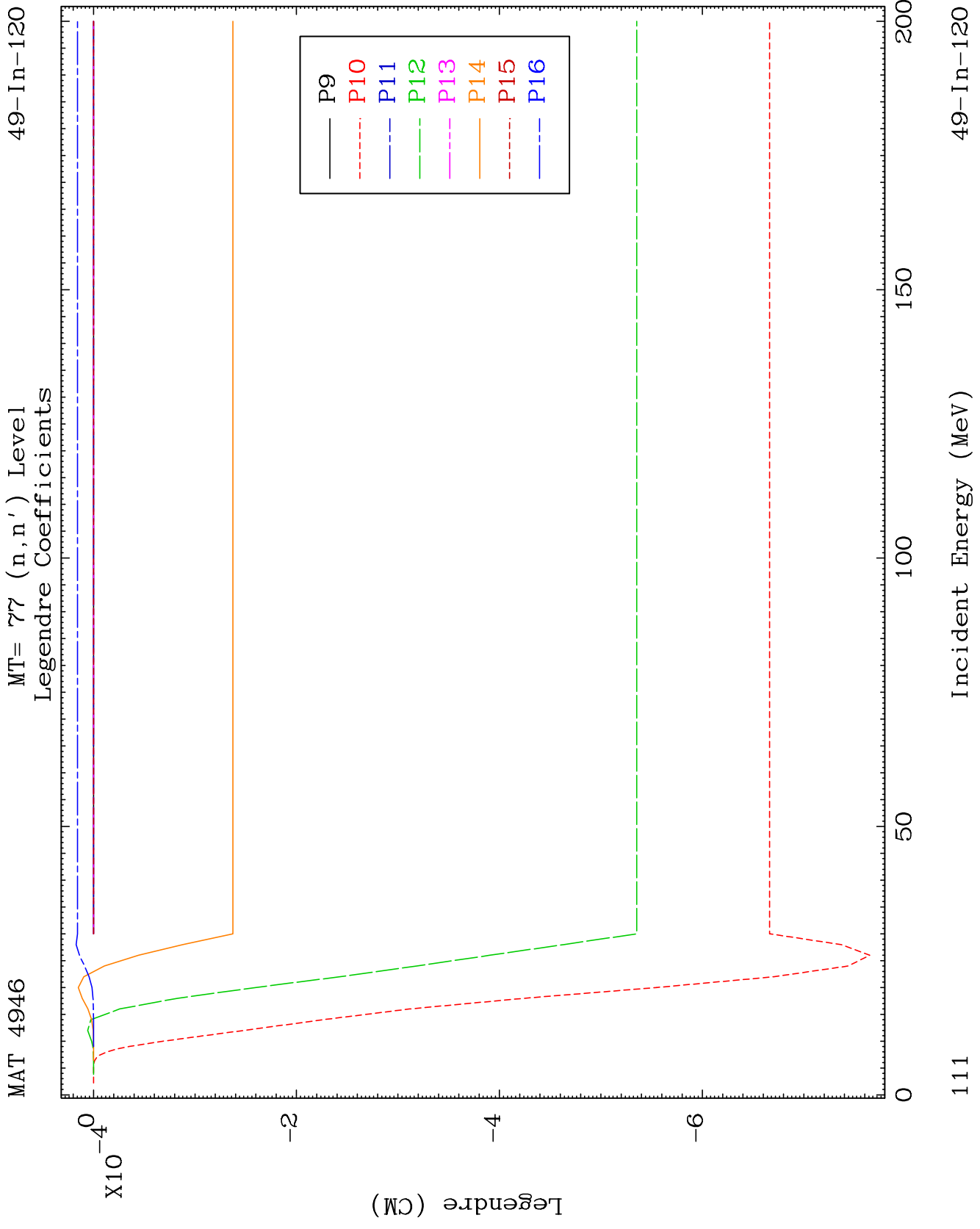


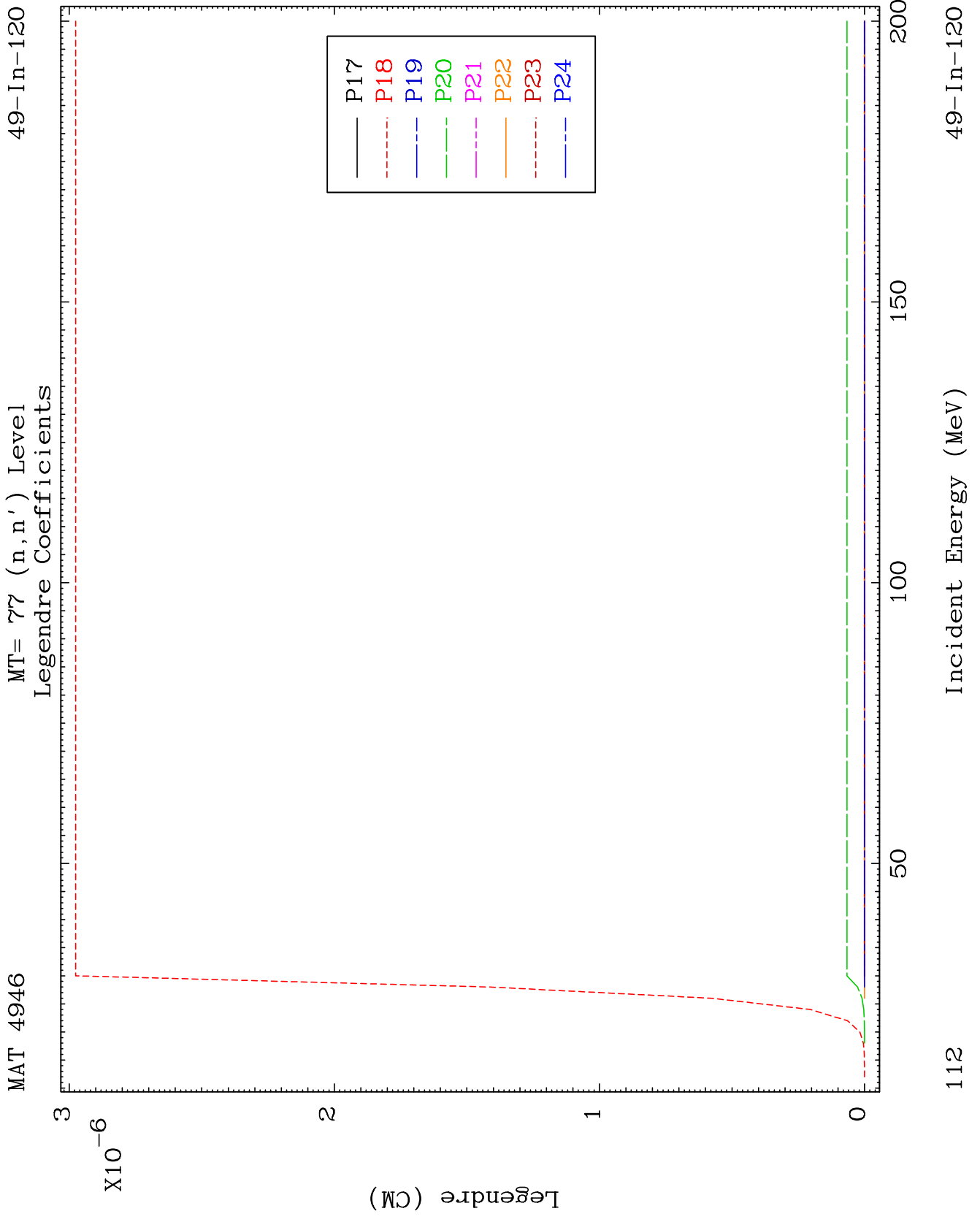
109

Incident Energy (MeV)

49-In-120



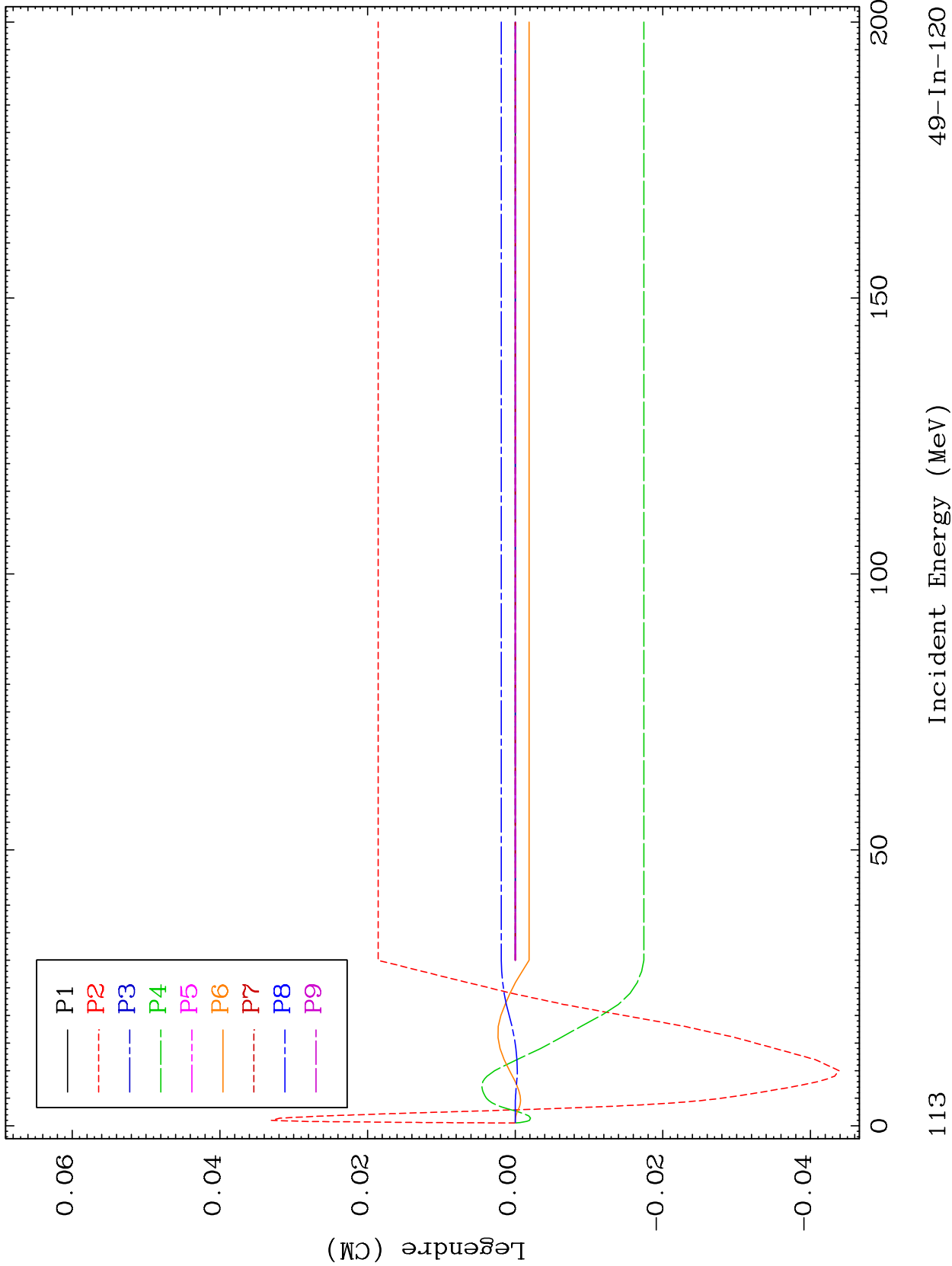




MAT 4946

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

49-In-120



113

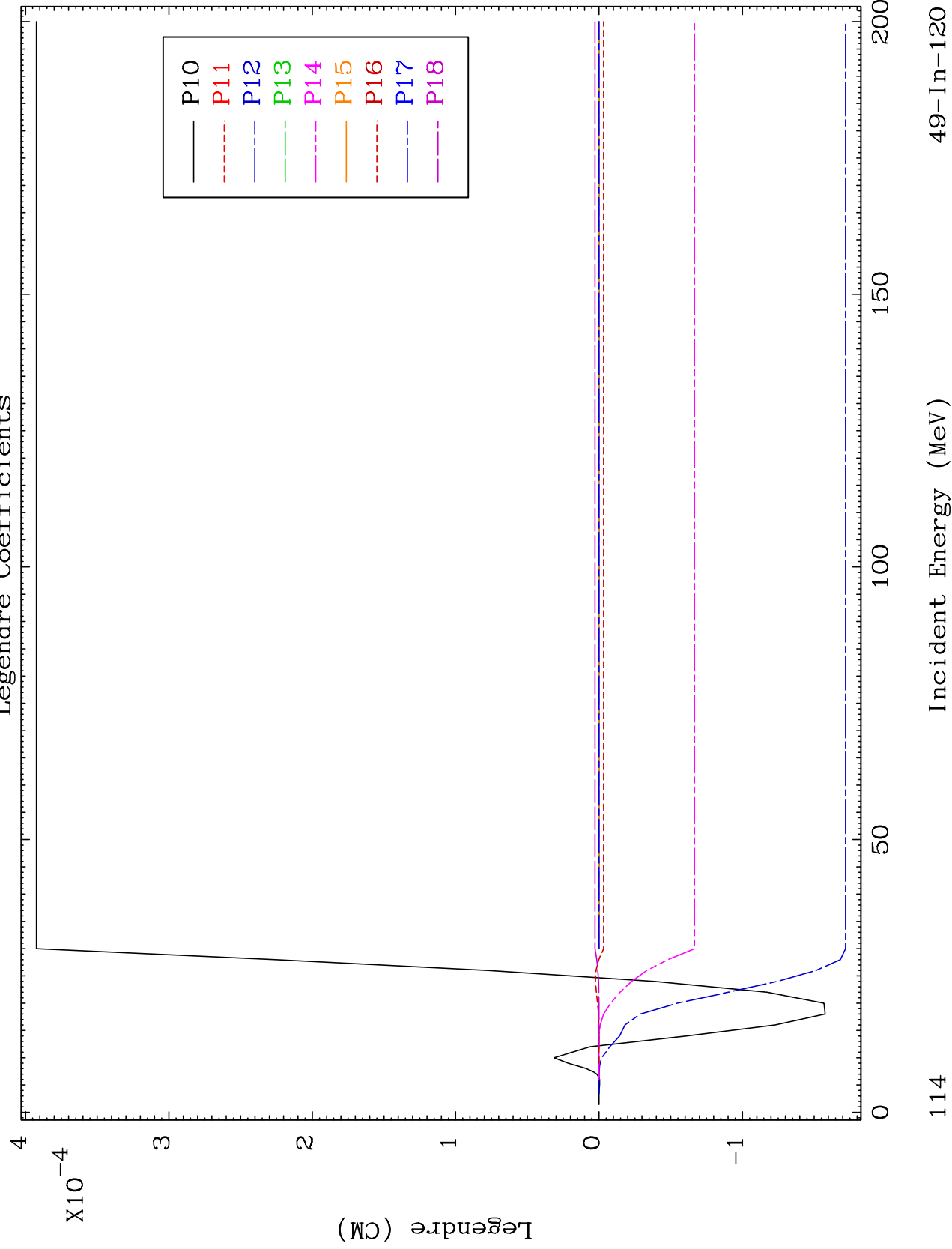
Incident Energy (MeV)

49-In-120

MAT 4946

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

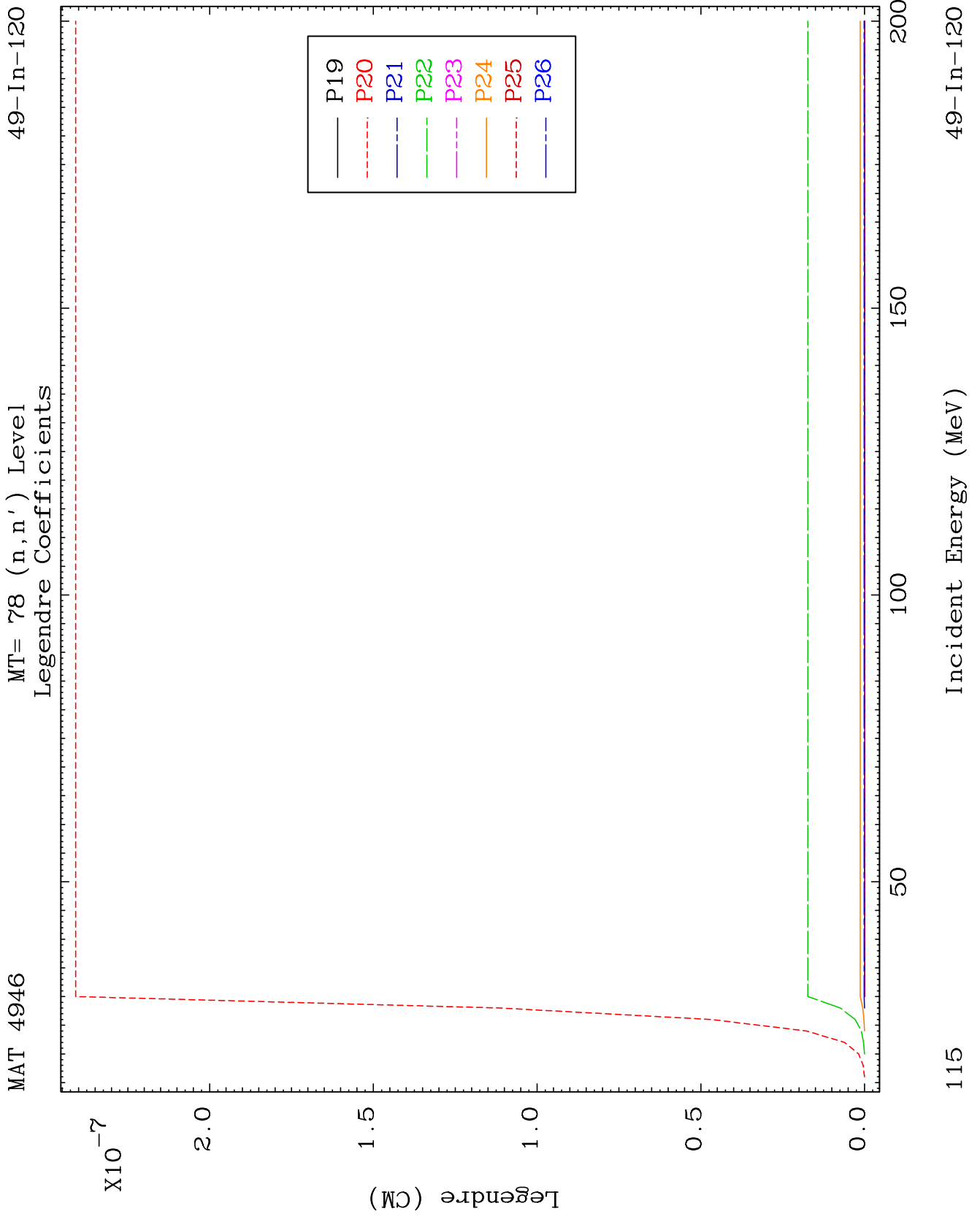
49-In-120

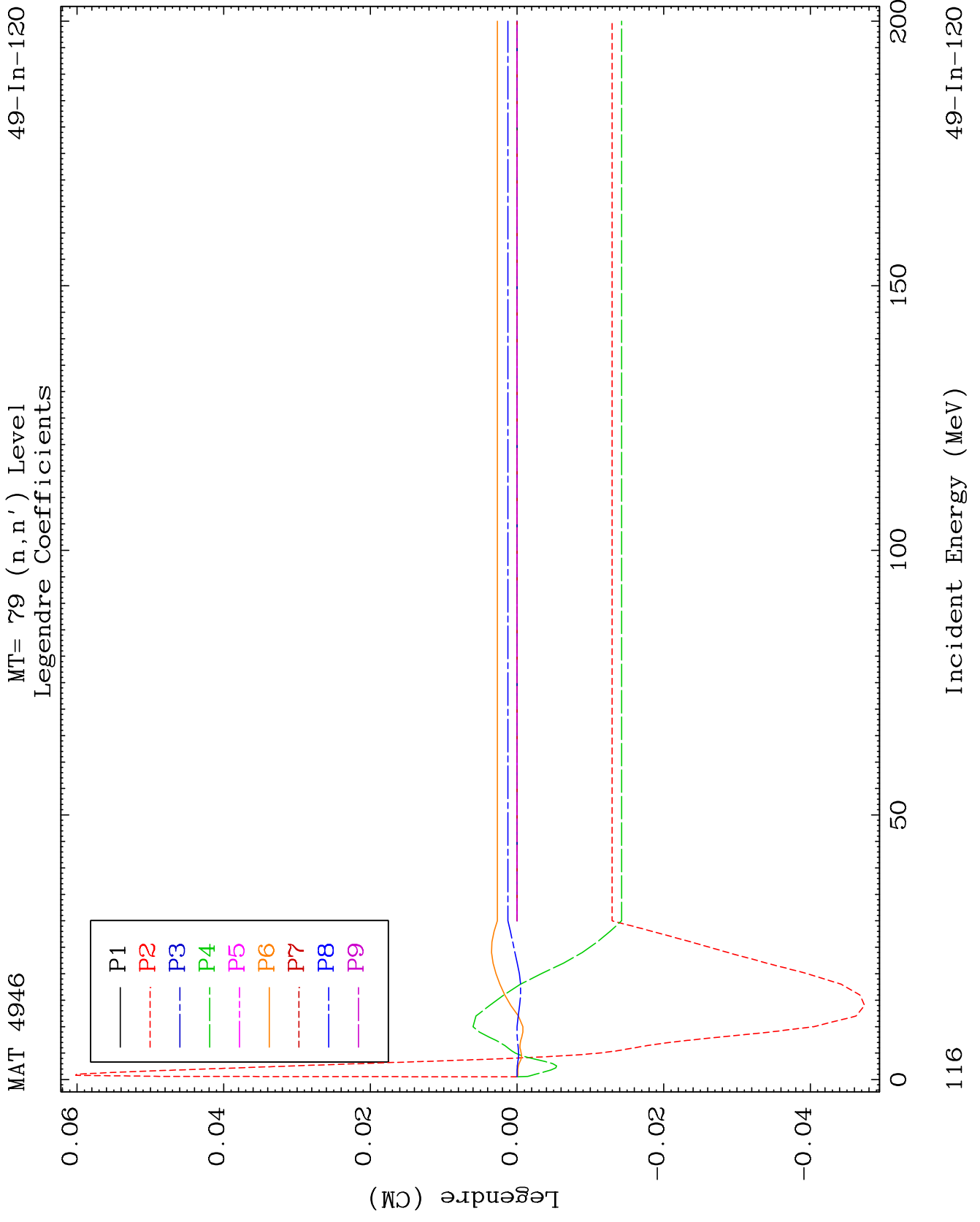


114

Incident Energy (MeV)

49-In-120

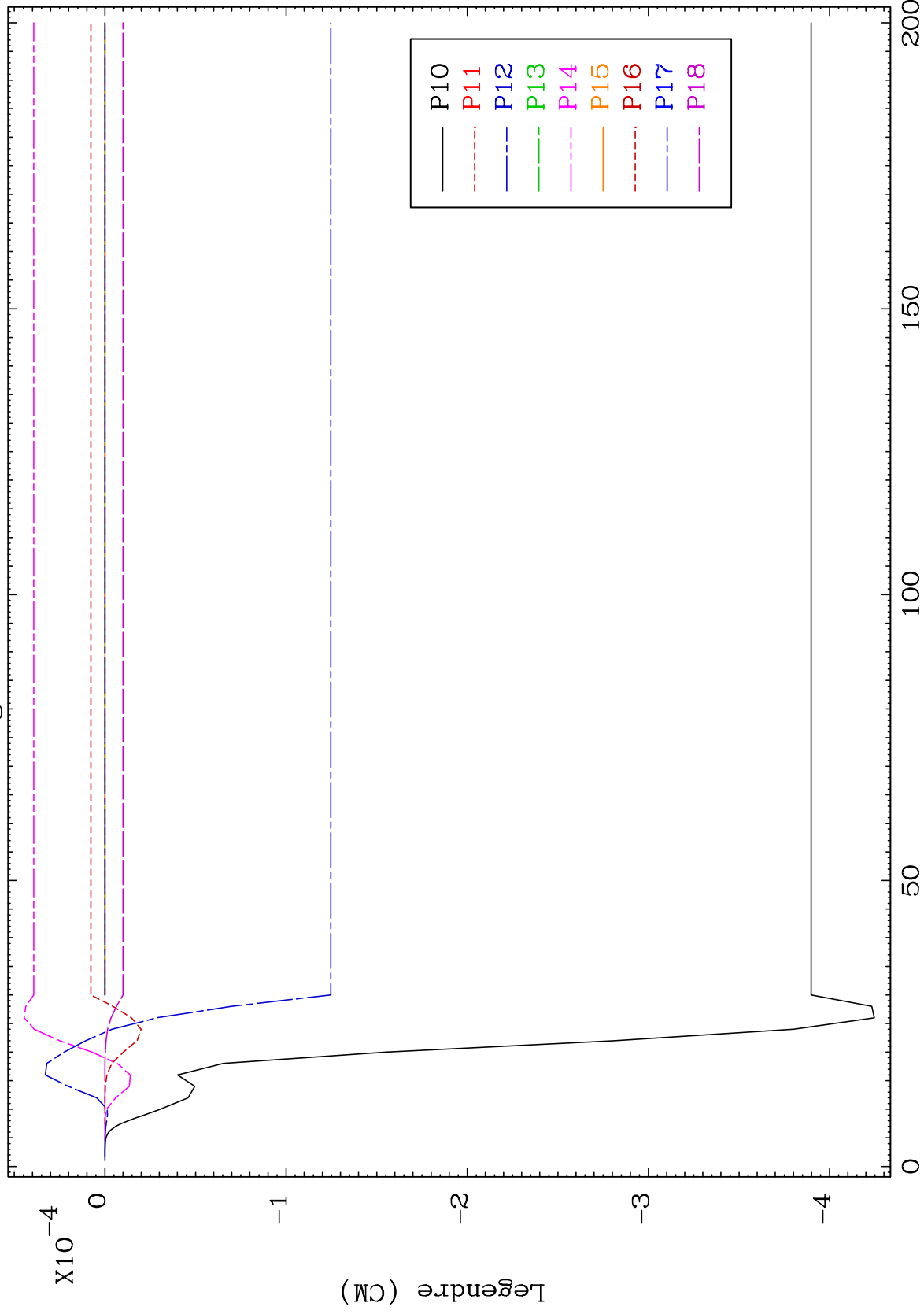




MAT 4946

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

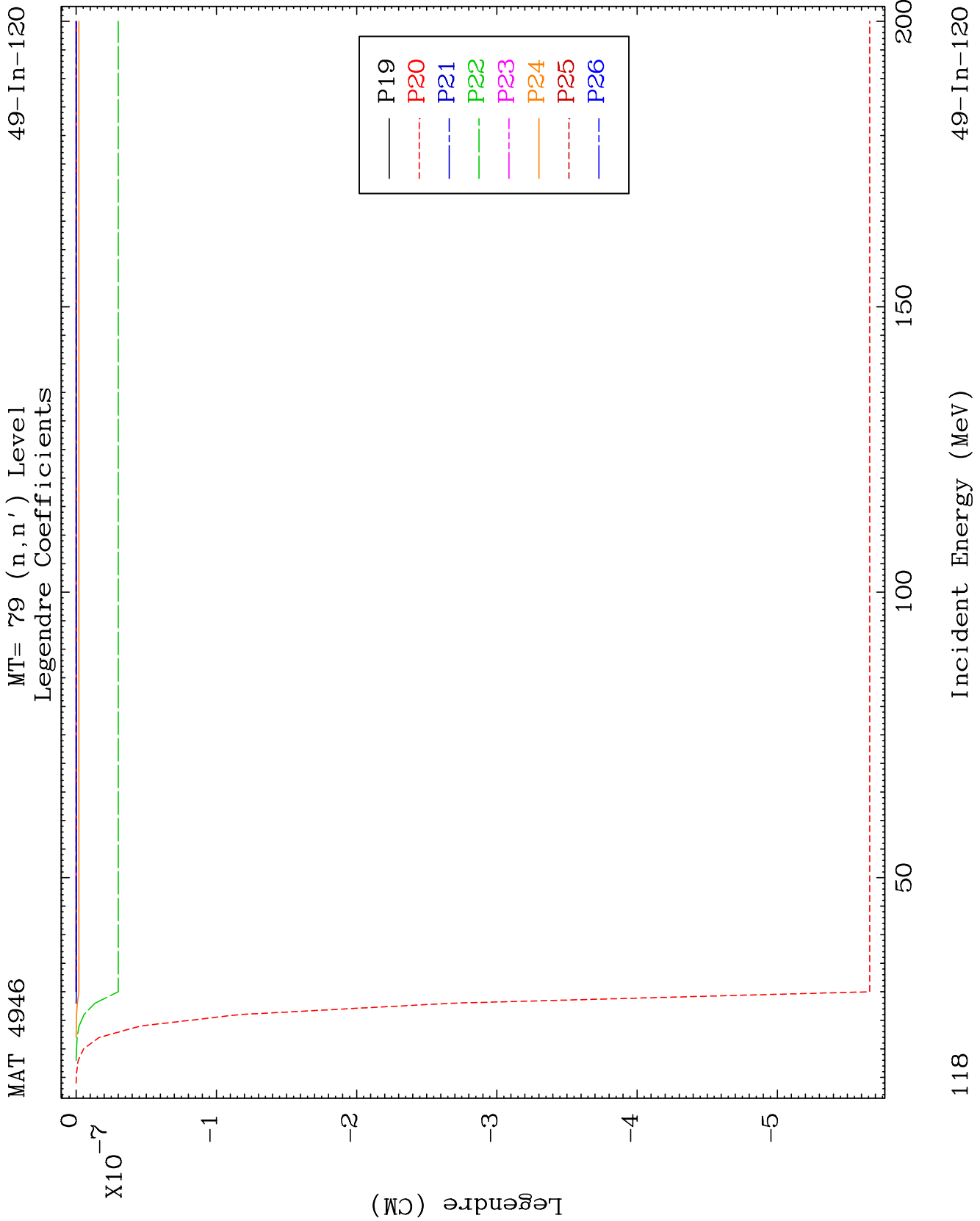
49-In-120

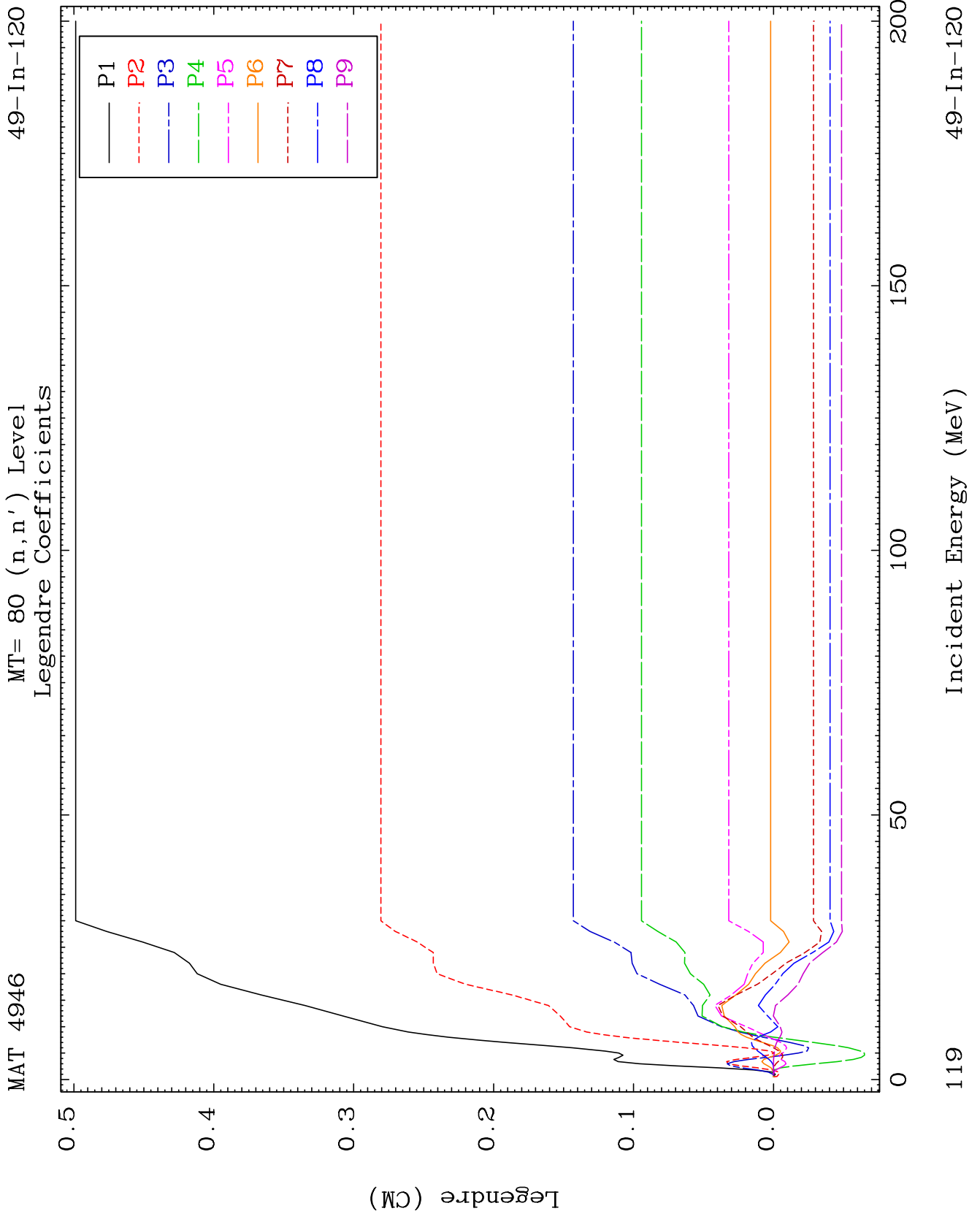


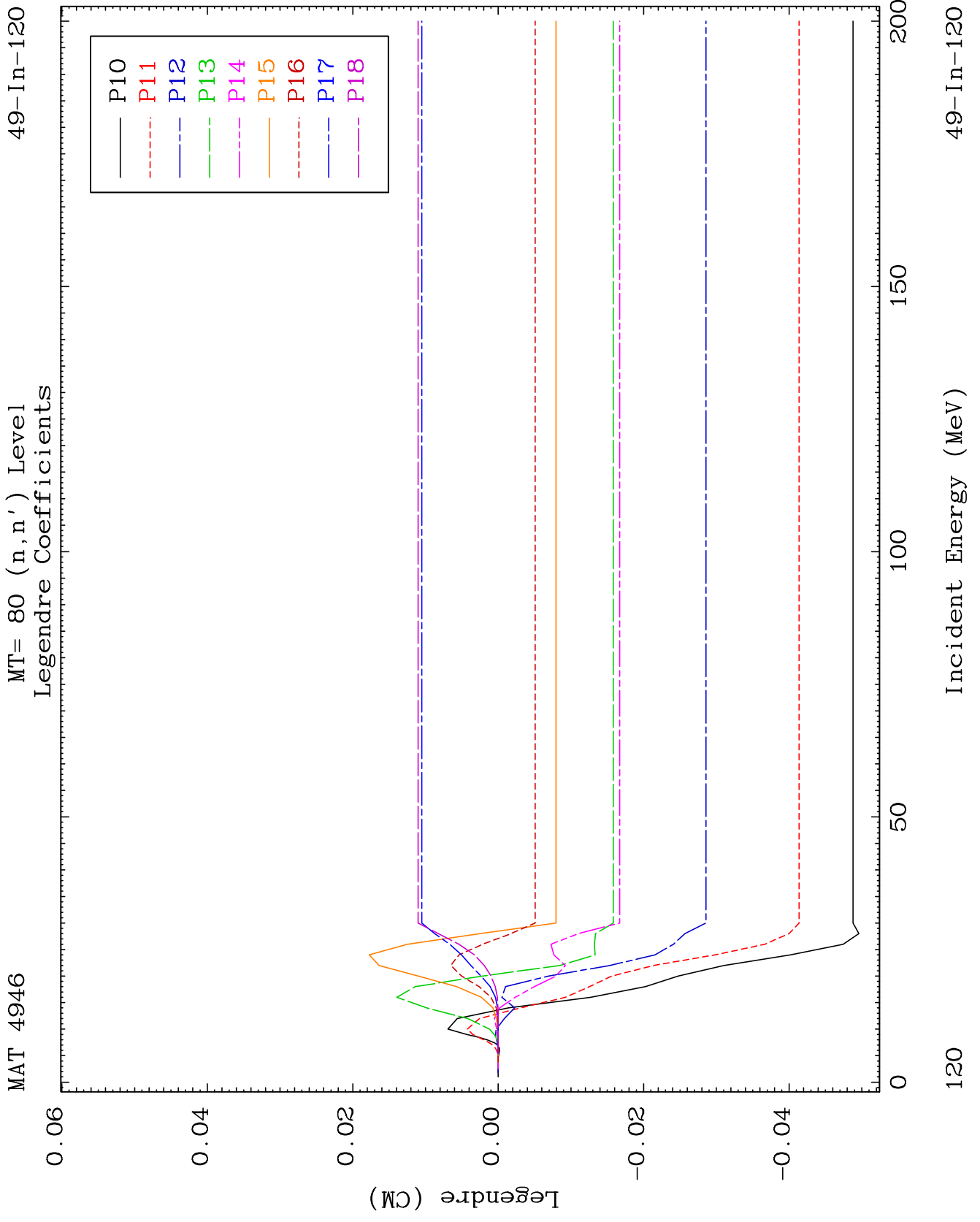
117

Incident Energy (MeV)

49-In-120



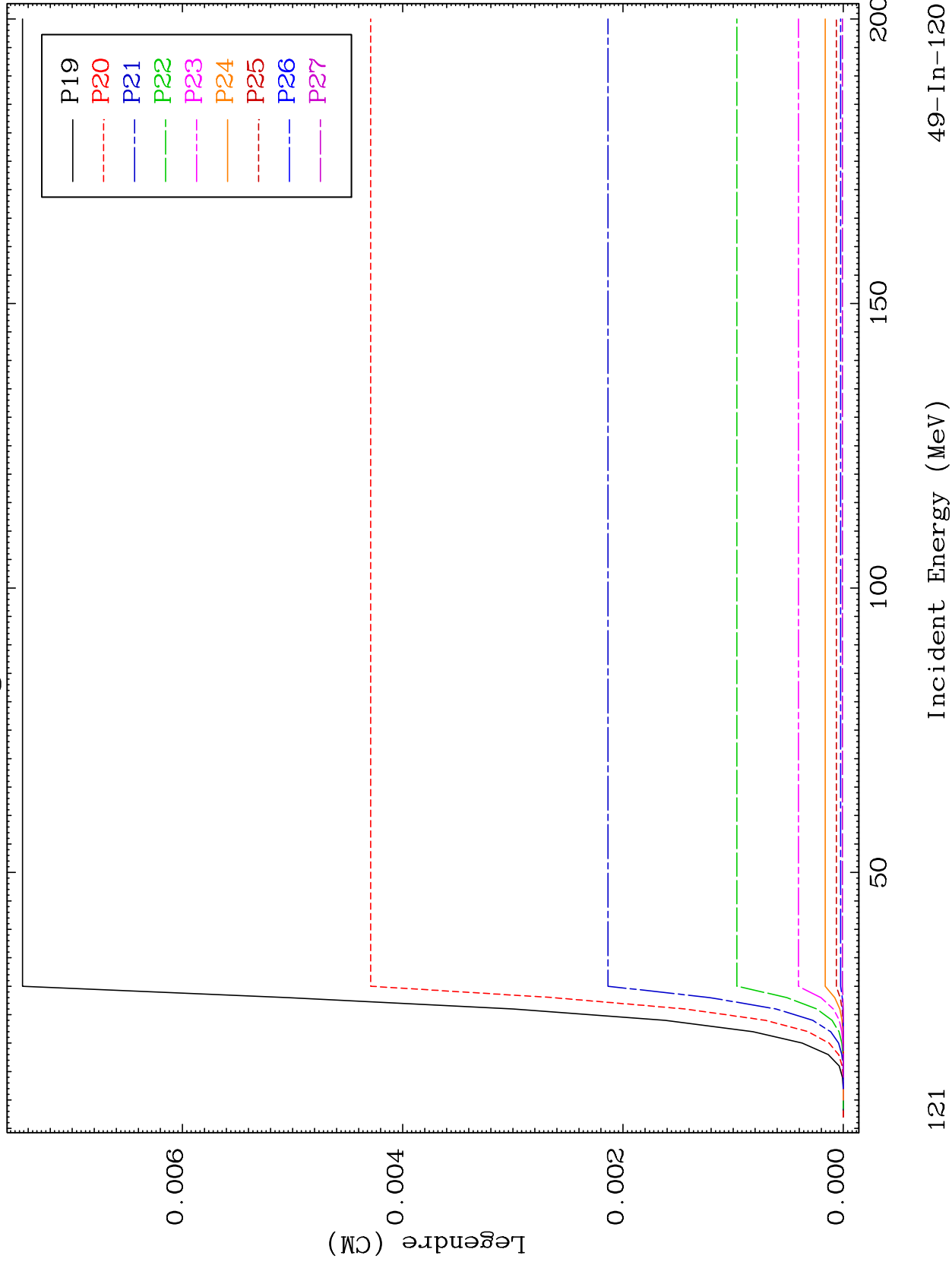




MAT 4946

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

49-In-120



121

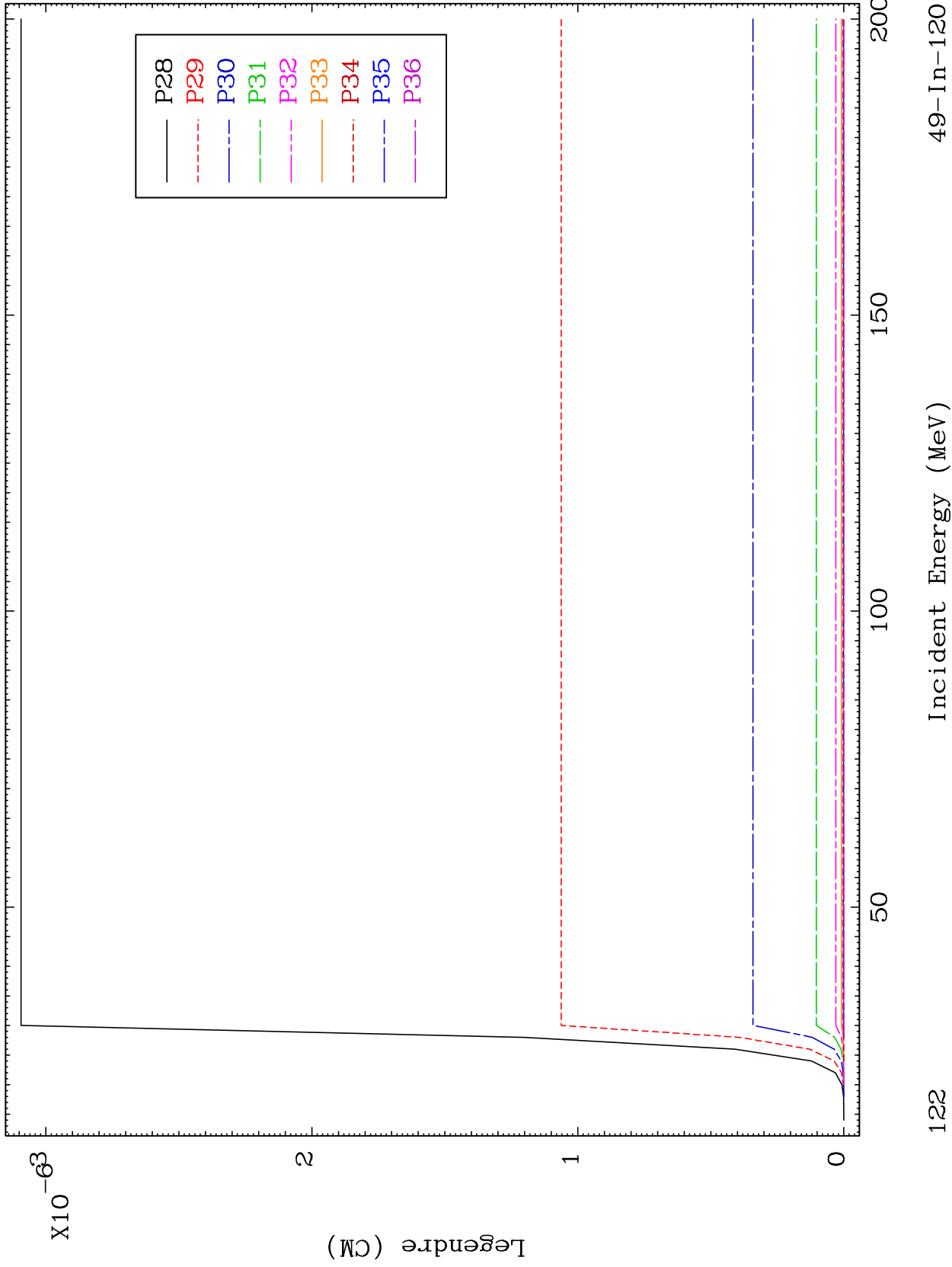
Incident Energy (MeV)

49-In-120

MAT 4946

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

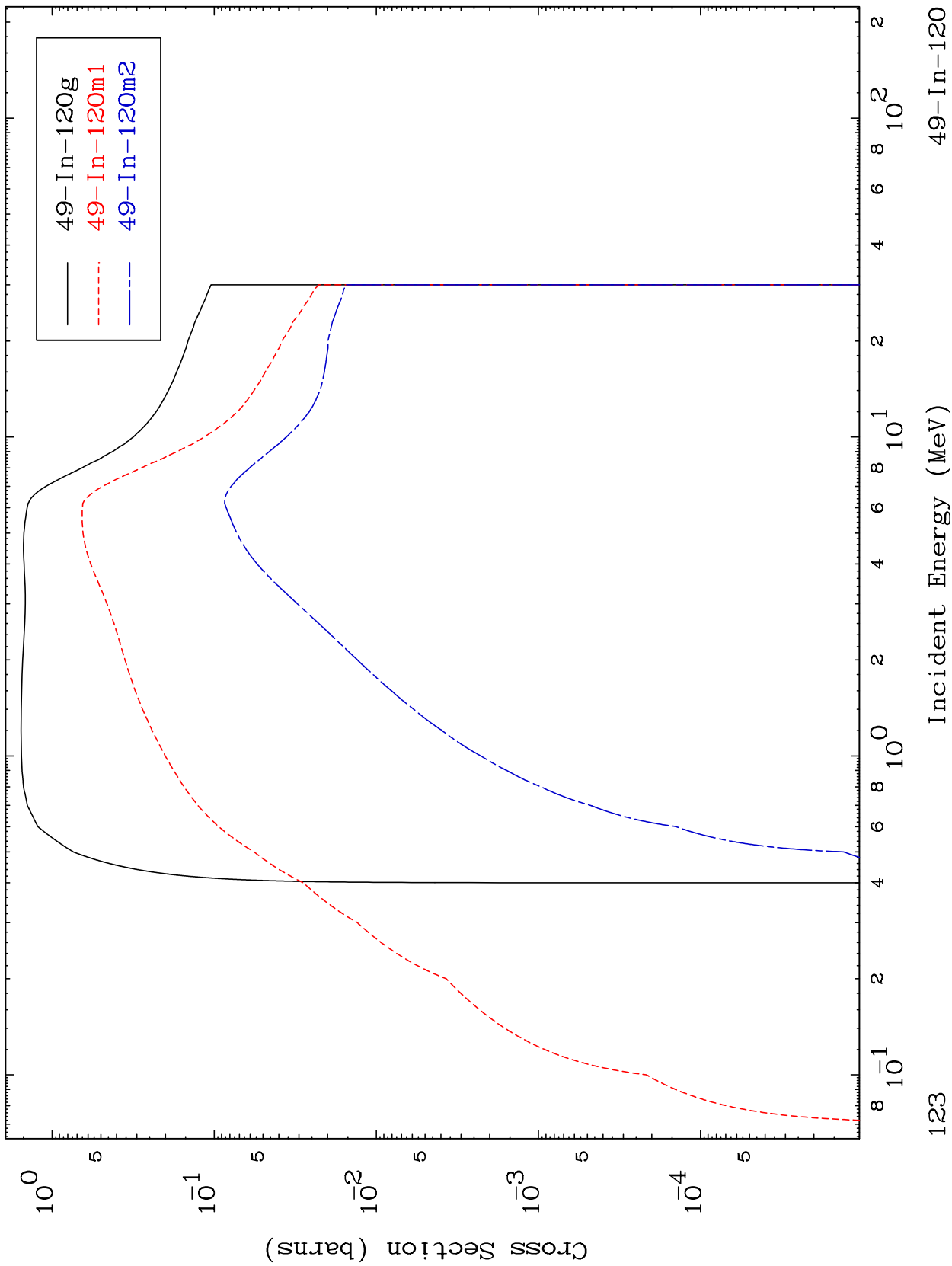
49-In-120



MAT 4946

49-In-120

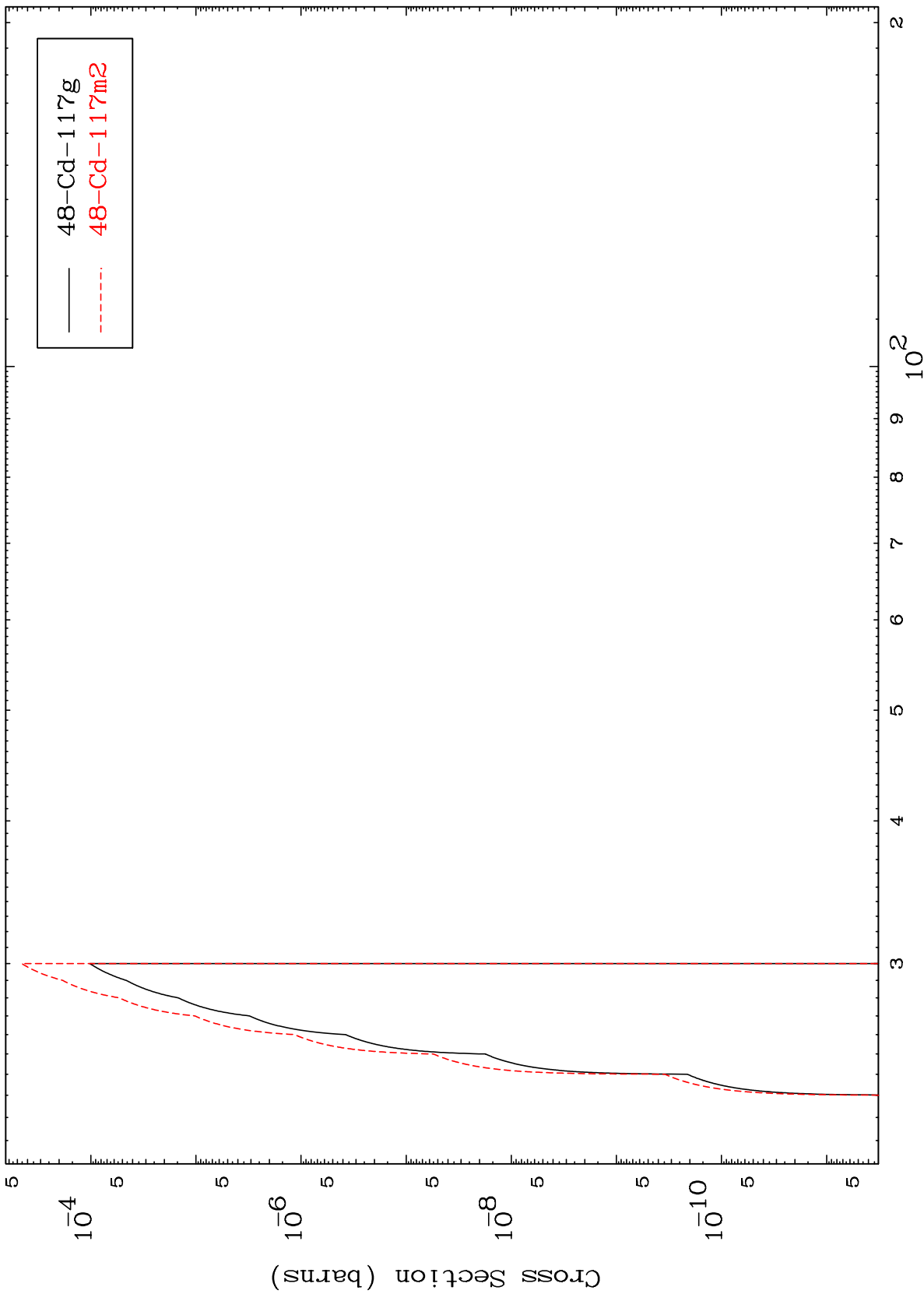
Inelastic
Radionuclide Production Cross Section



123

49-In-120

Radionuclide Production Cross Section

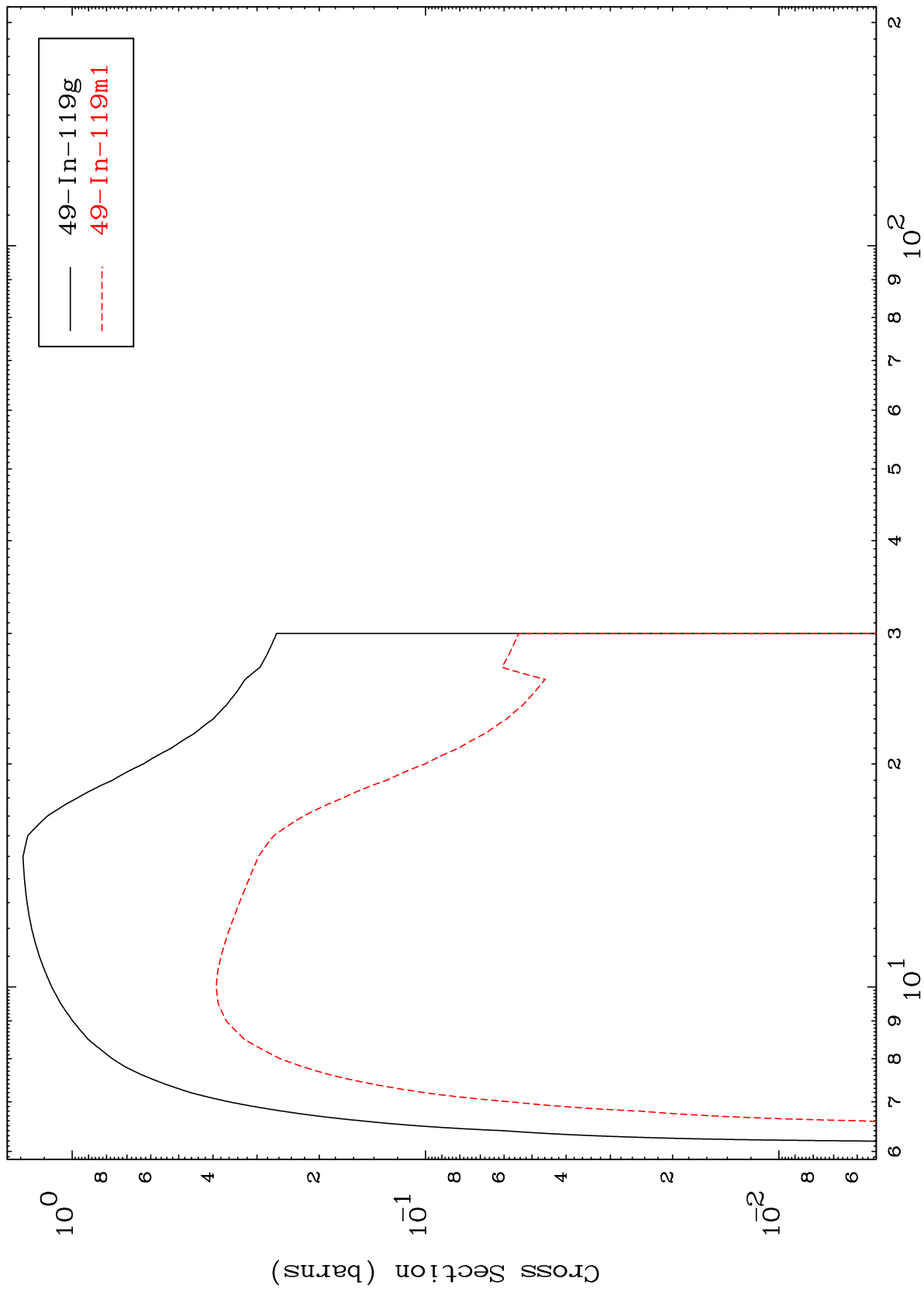


48-Cd-117g
48-Cd-117m2

MAT 4946

49-In-120

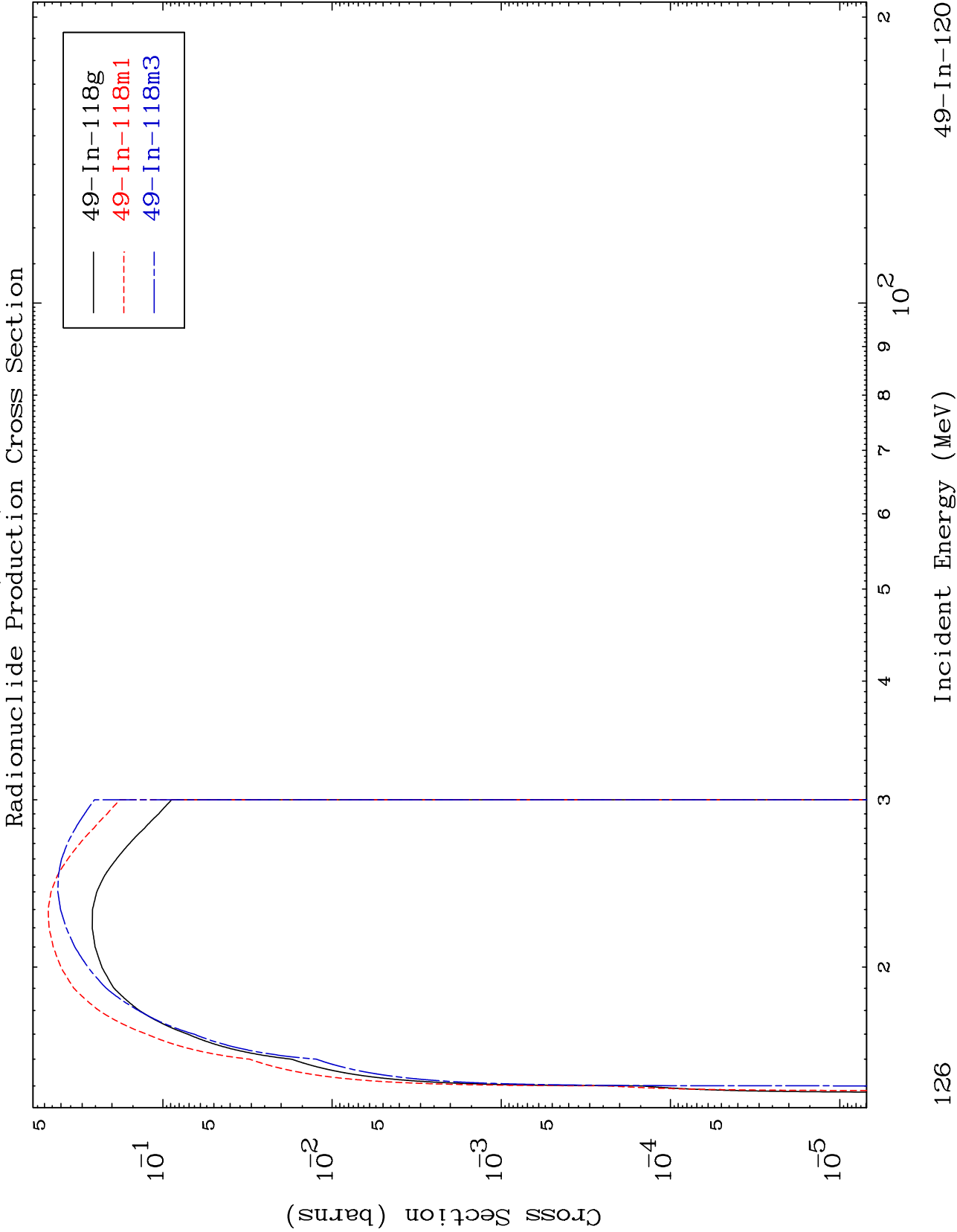
(n,2n)
Radionuclide Production Cross Section



125

Incident Energy (MeV)

49-In-120

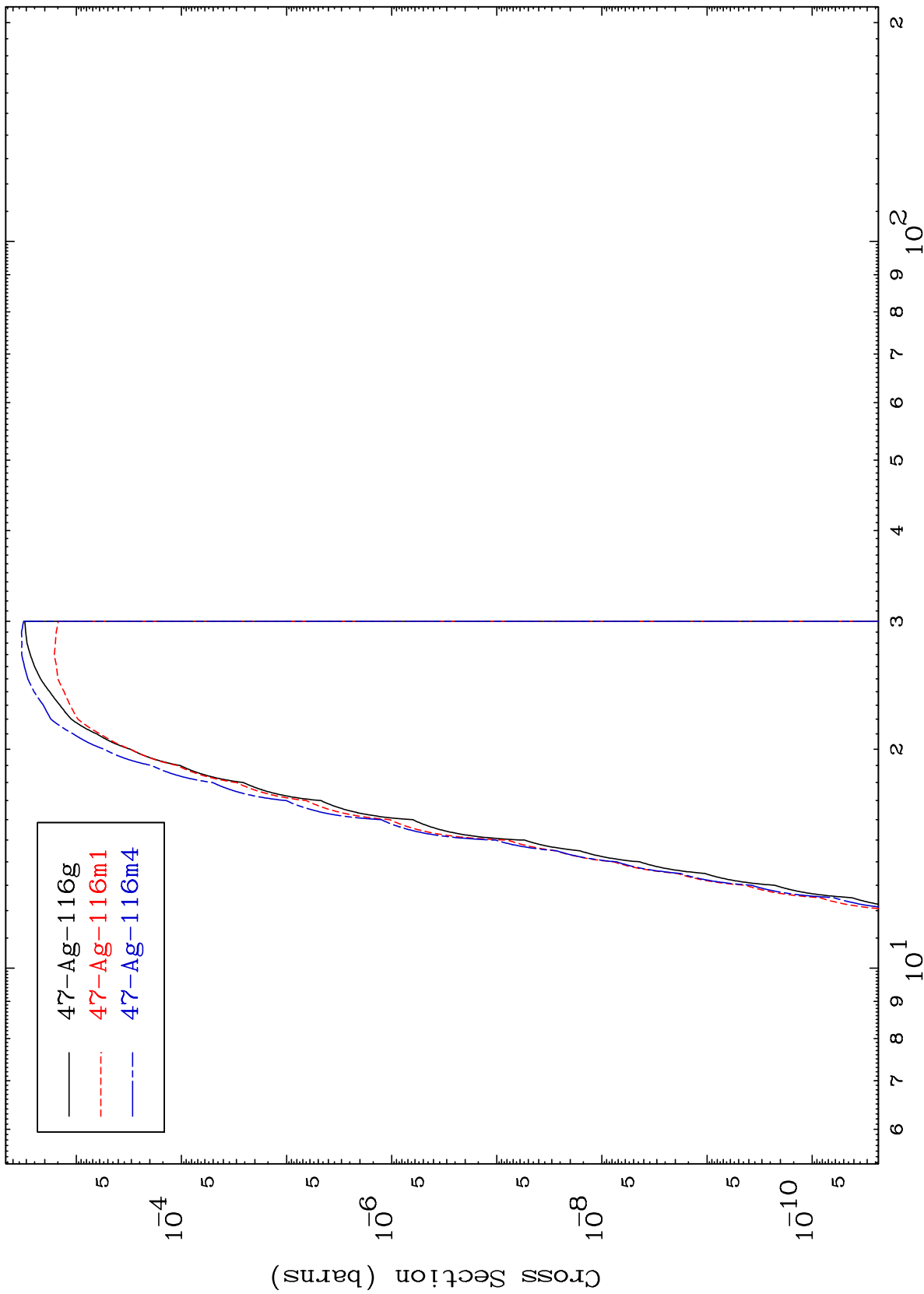


MAT 4946

49-In-120

(n,n') α

Radionuclide Production Cross Section



127

Incident Energy (MeV)

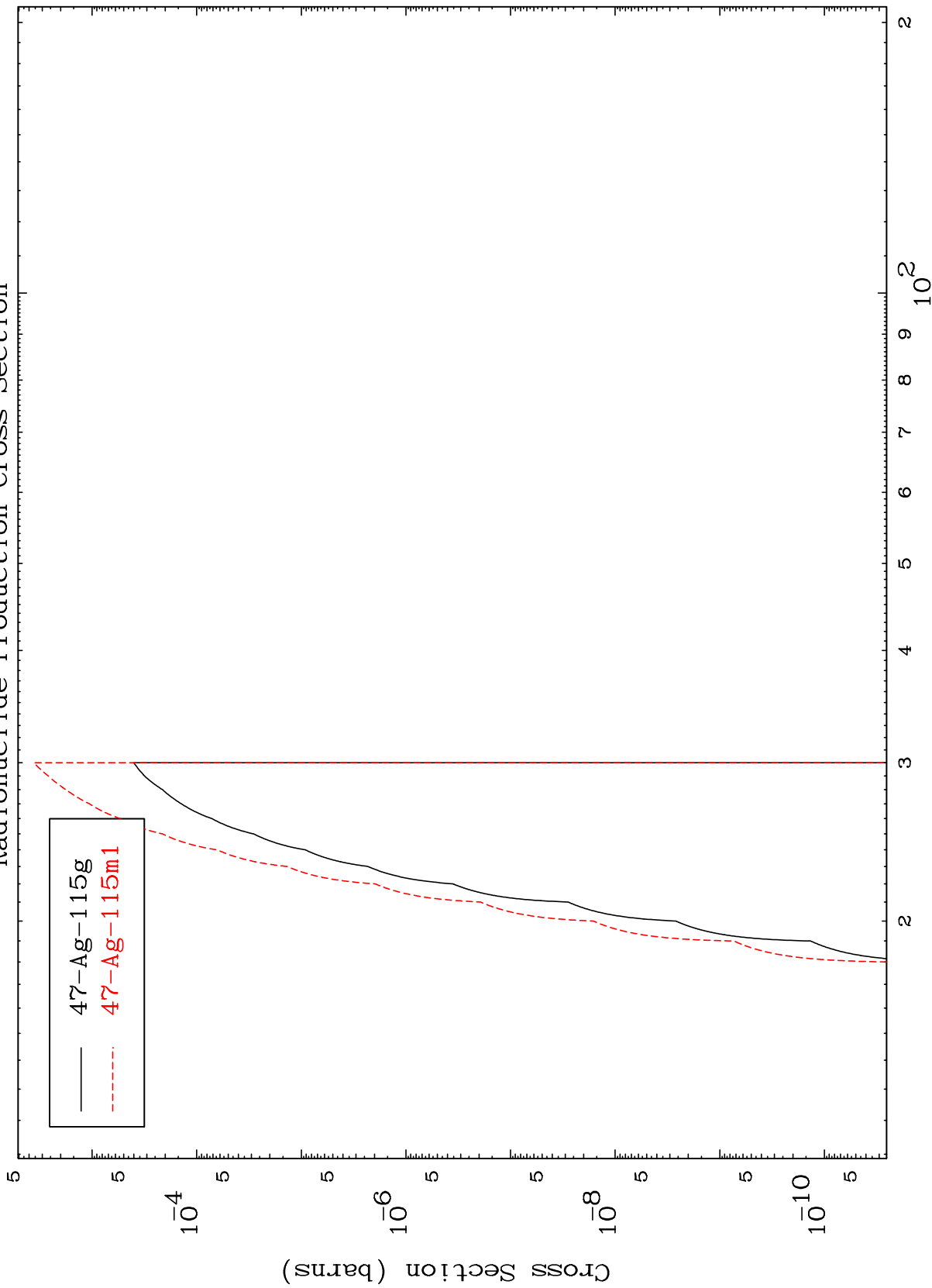
49-In-120

MAT 4946

(n,2n) α

49-In-120

Radionuclide Production Cross Section



128

Incident Energy (MeV)

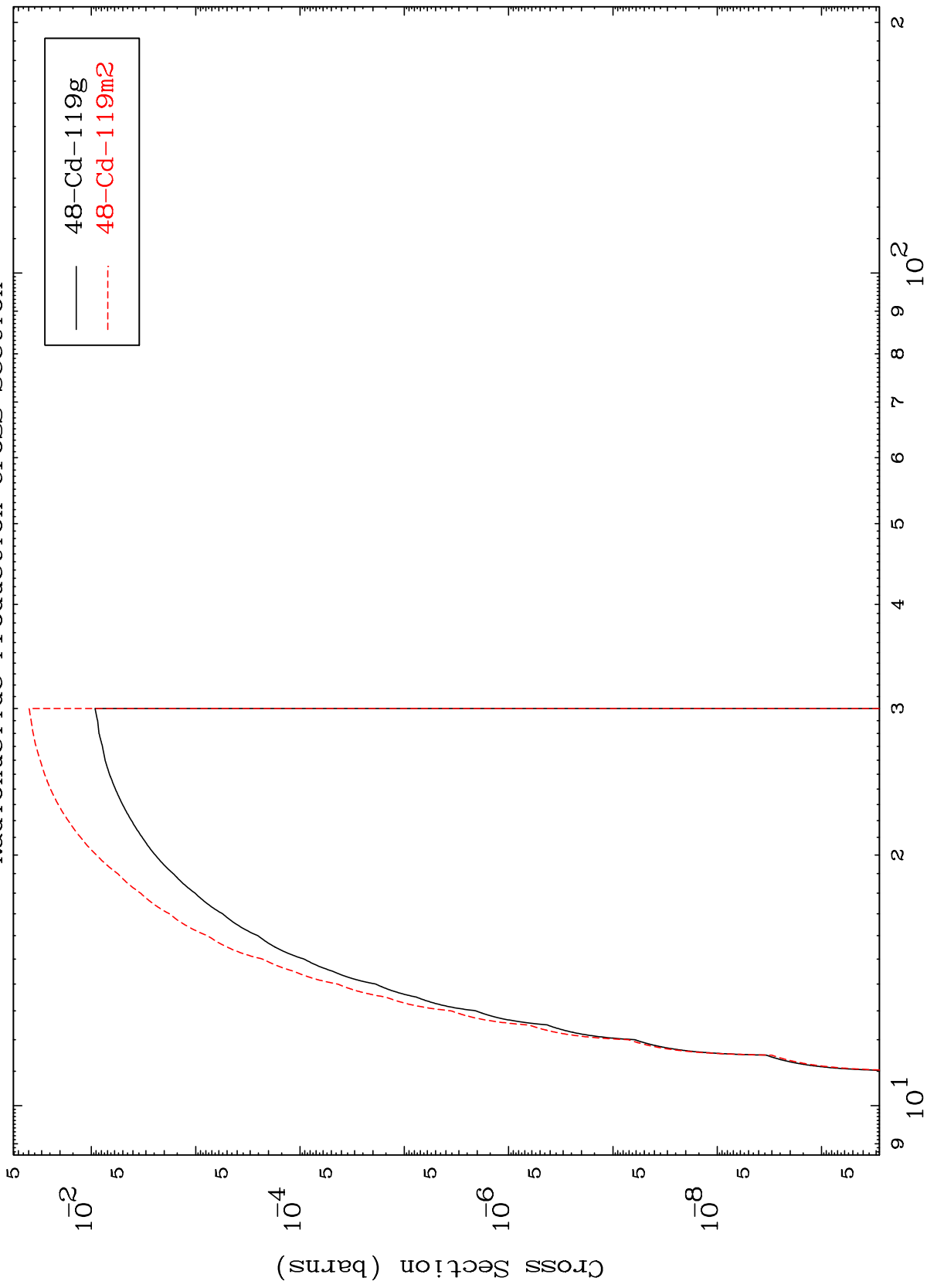
49-In-120

MAT 4946

(n,n') p

49-In-120

Radionuclide Production Cross Section



129

Incident Energy (MeV)

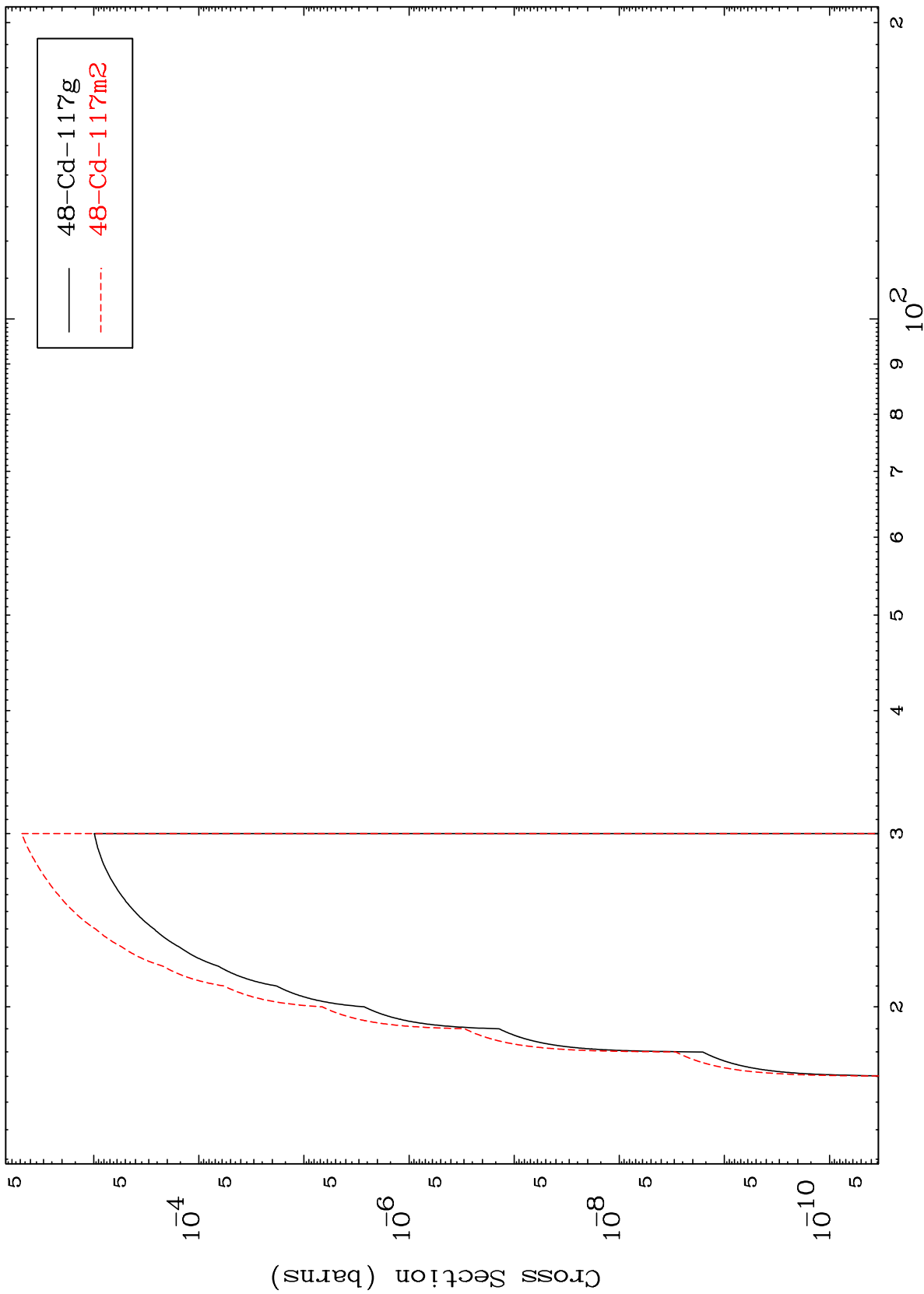
49-In-120

MAT 4946

(n,n') t

49-In-120

Radionuclide Production Cross Section



130

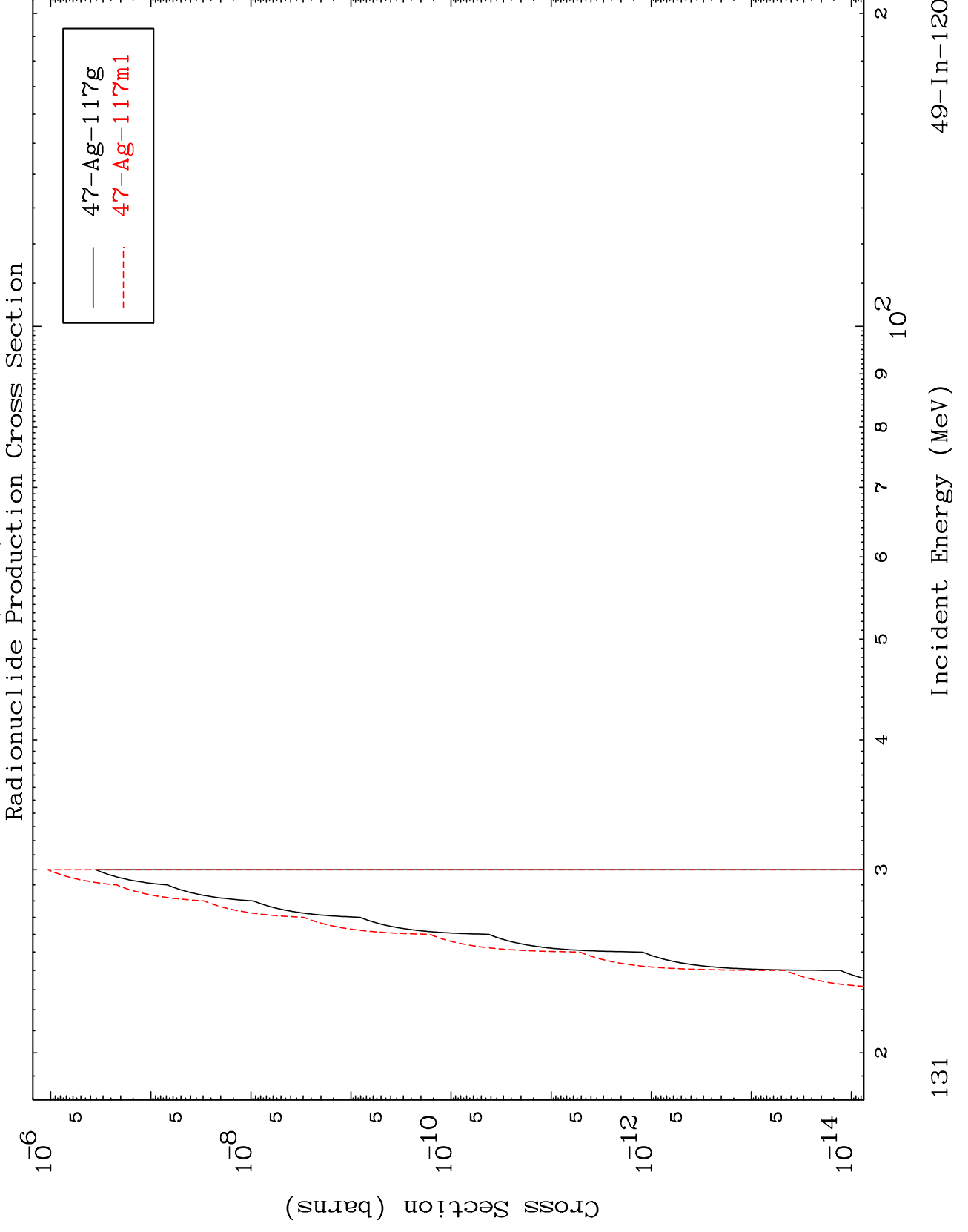
Incident Energy (MeV)

49-In-120

MAT 4946

(n,n') He-3

49-In-120



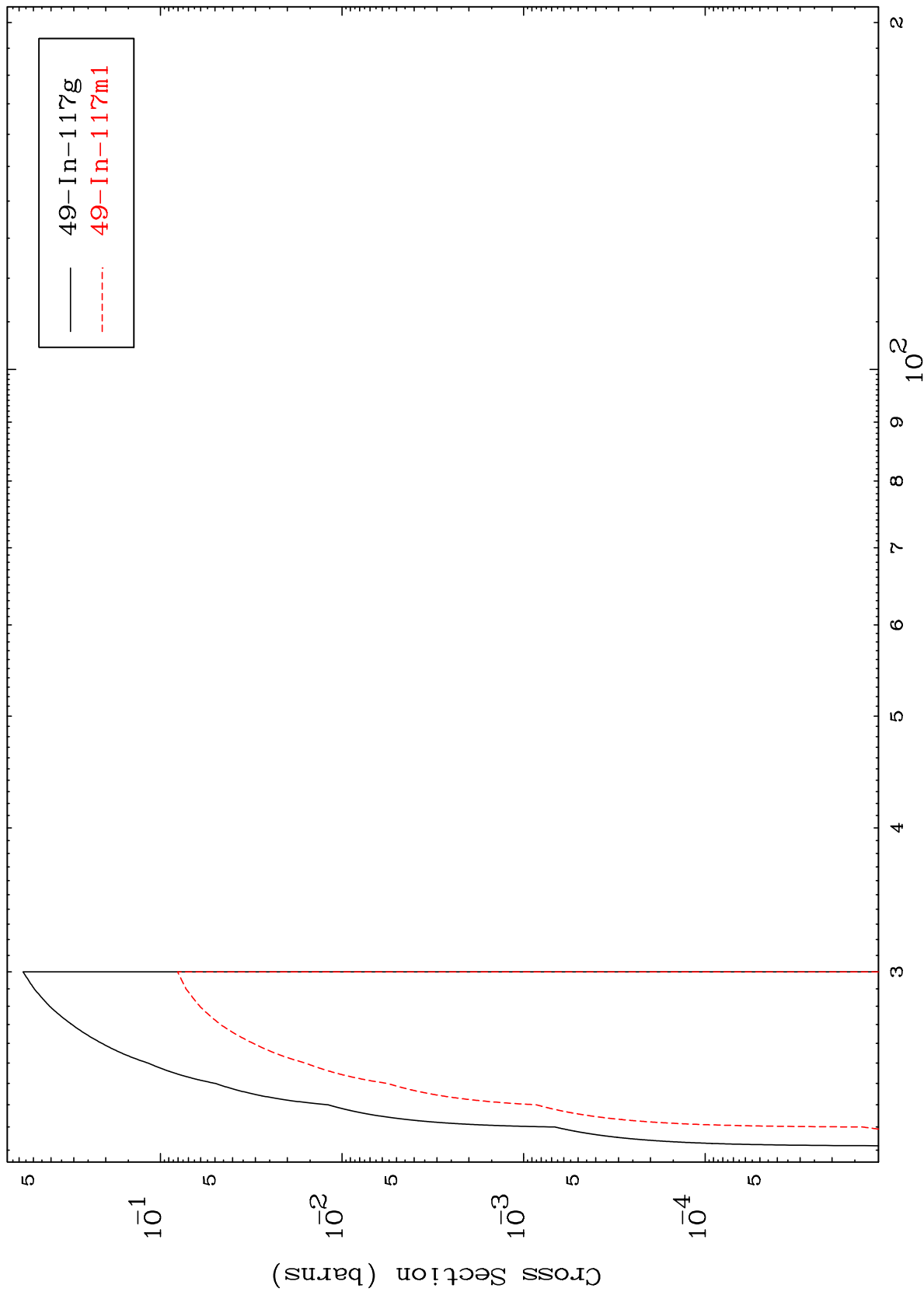
131

49-In-120

MAT 4946

49-In-120

(n,4n)
Radionuclide Production Cross Section



132

49-In-120

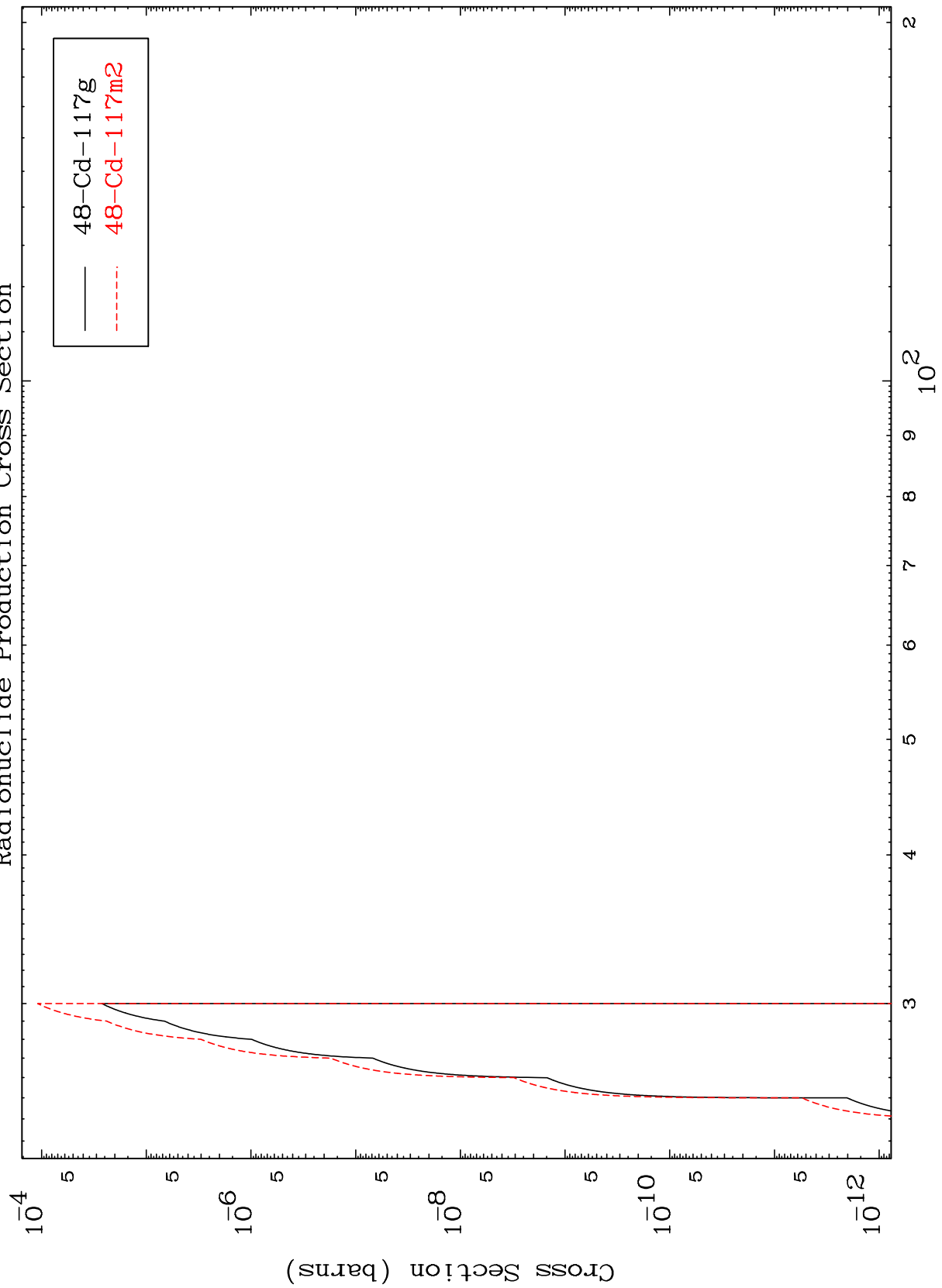
Incident Energy (MeV)

MAT 4946

(n,3n) p

49-In-120

Radionuclide Production Cross Section



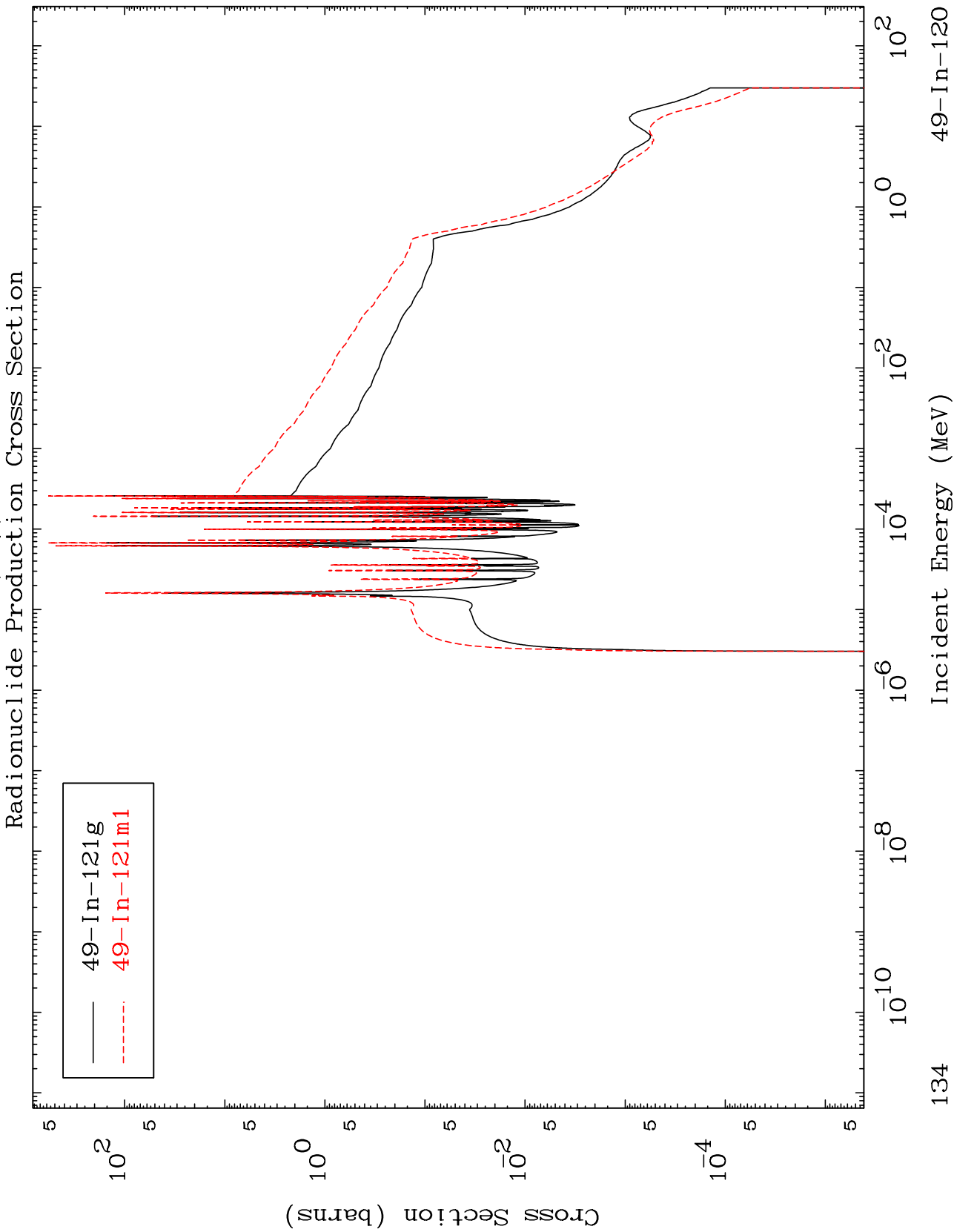
133

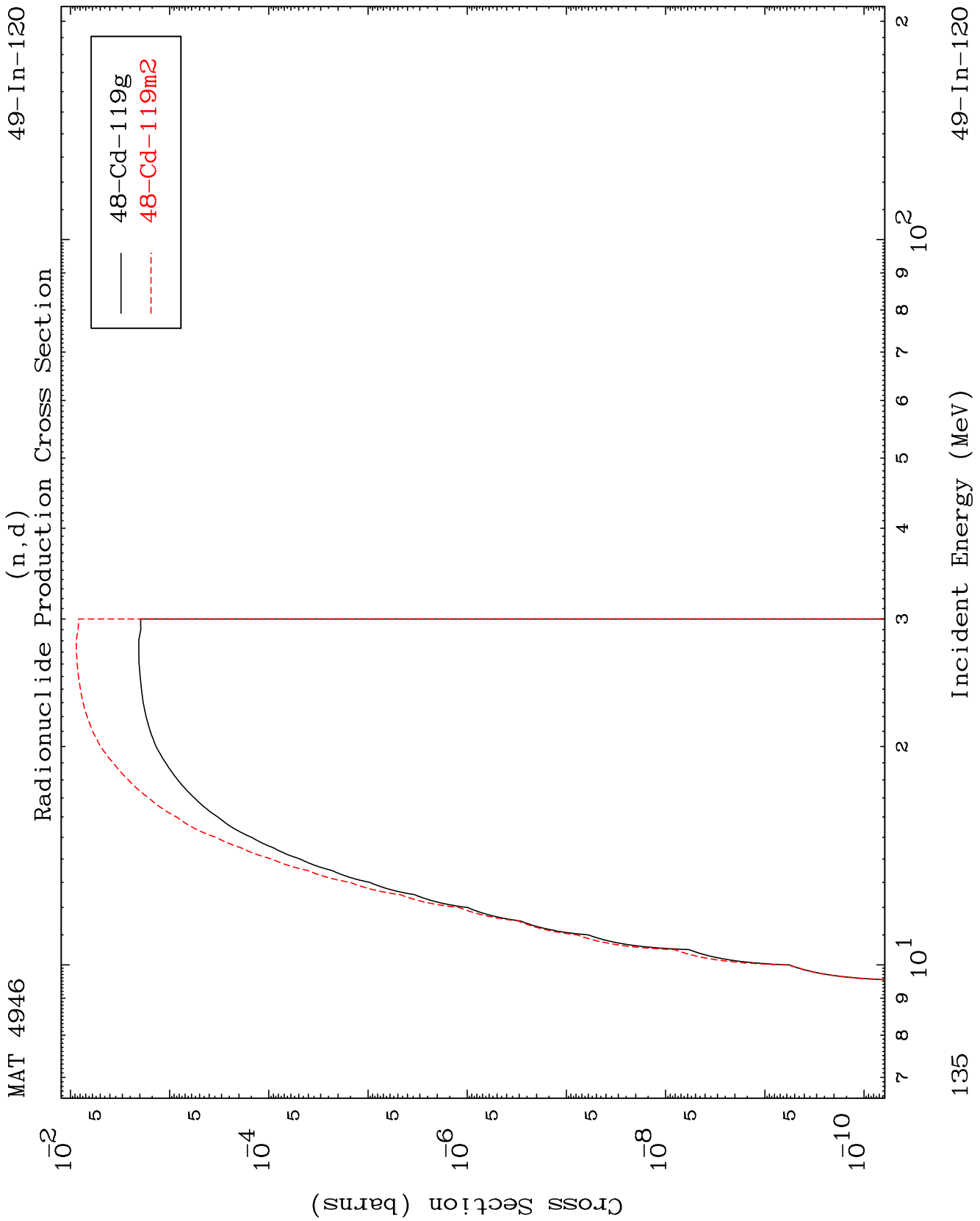
Incident Energy (MeV)

49-In-120

MAT 4946

49-In-120

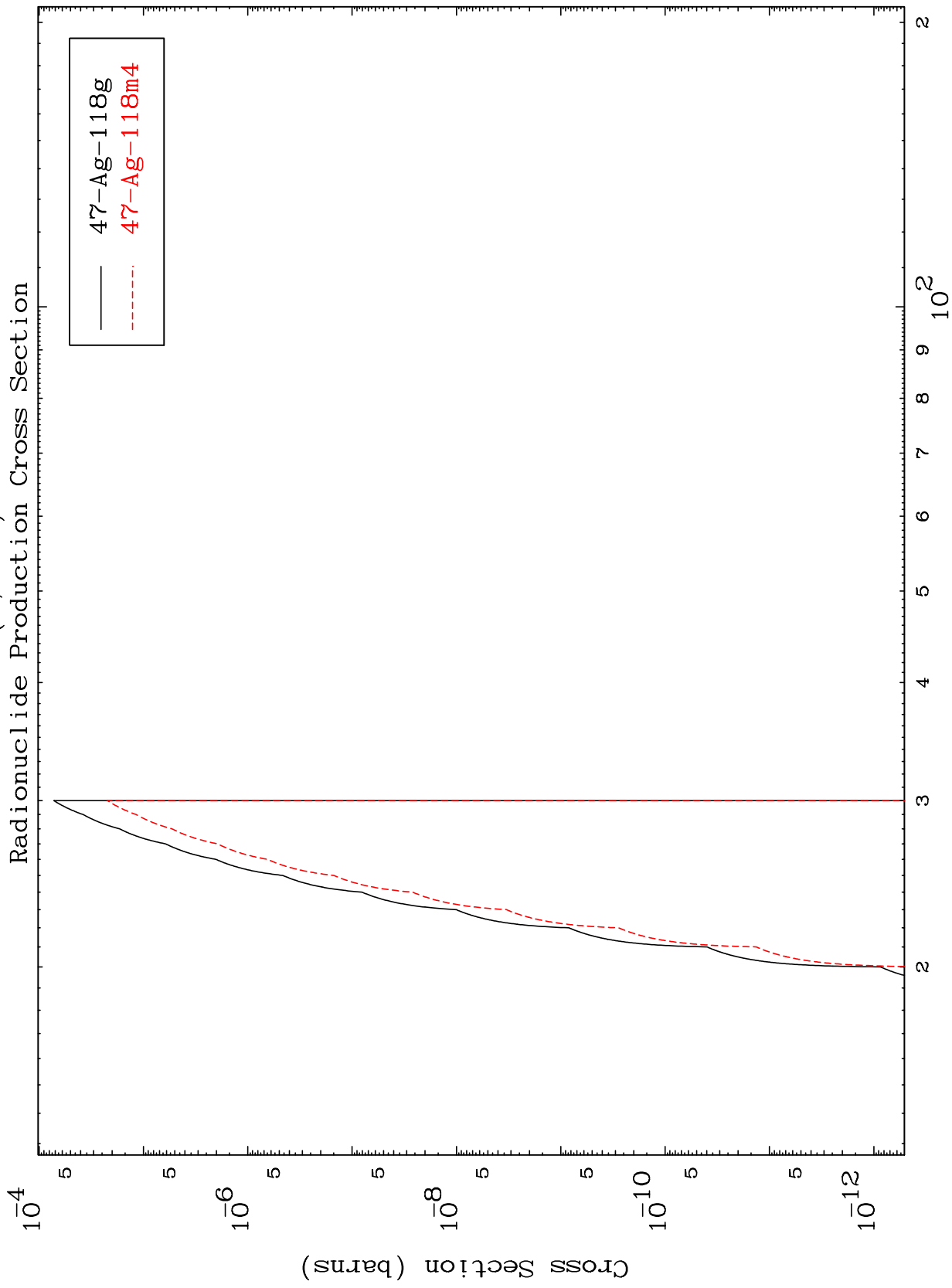




MAT 4946

49-In-120

(n,He-3)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

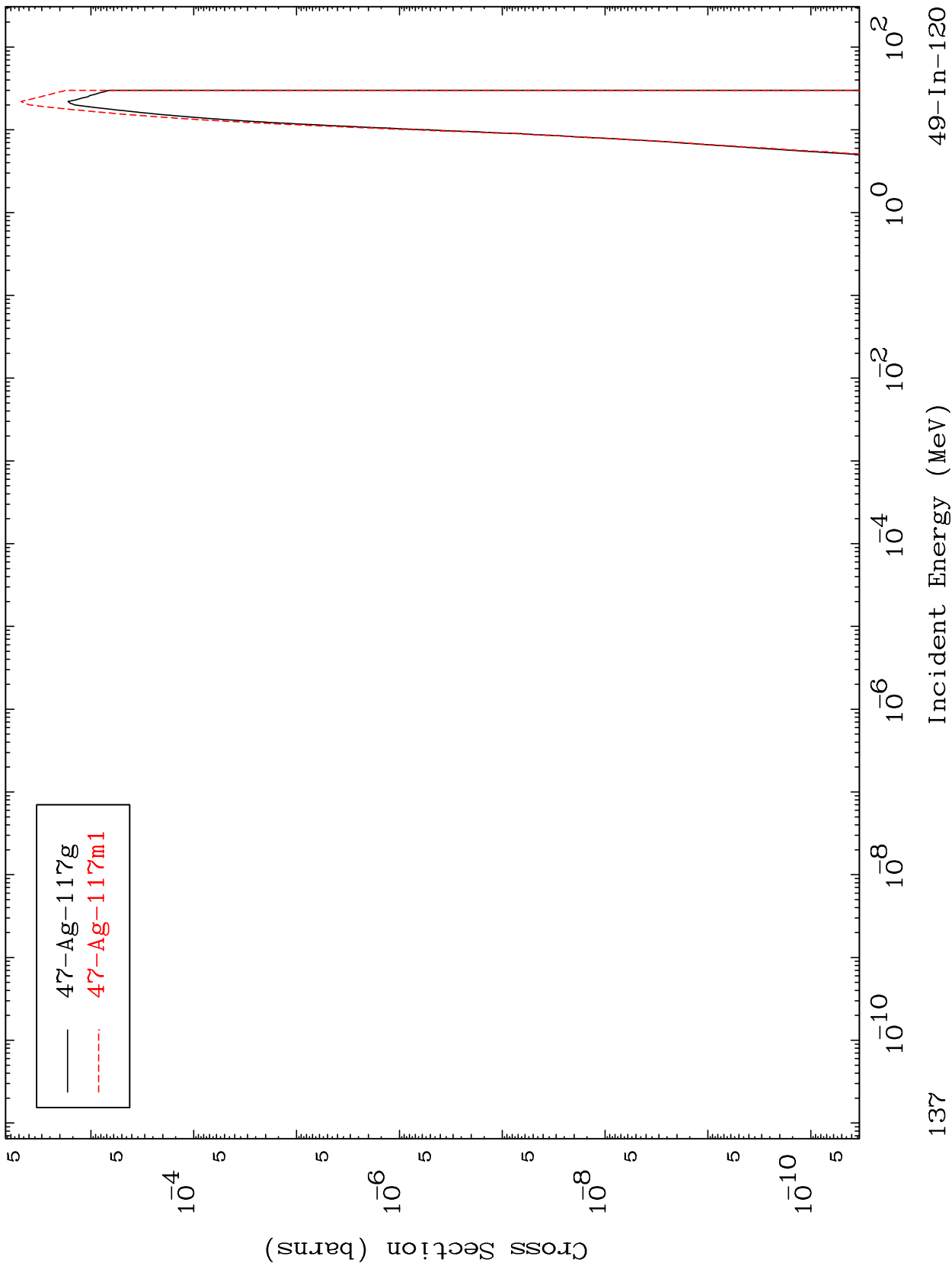
49-In-120

MAT 4946

(n, α)

49-In-120

Radionuclide Production Cross Section



137

(n,2p)
Radionuclide Production Cross Section

