

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

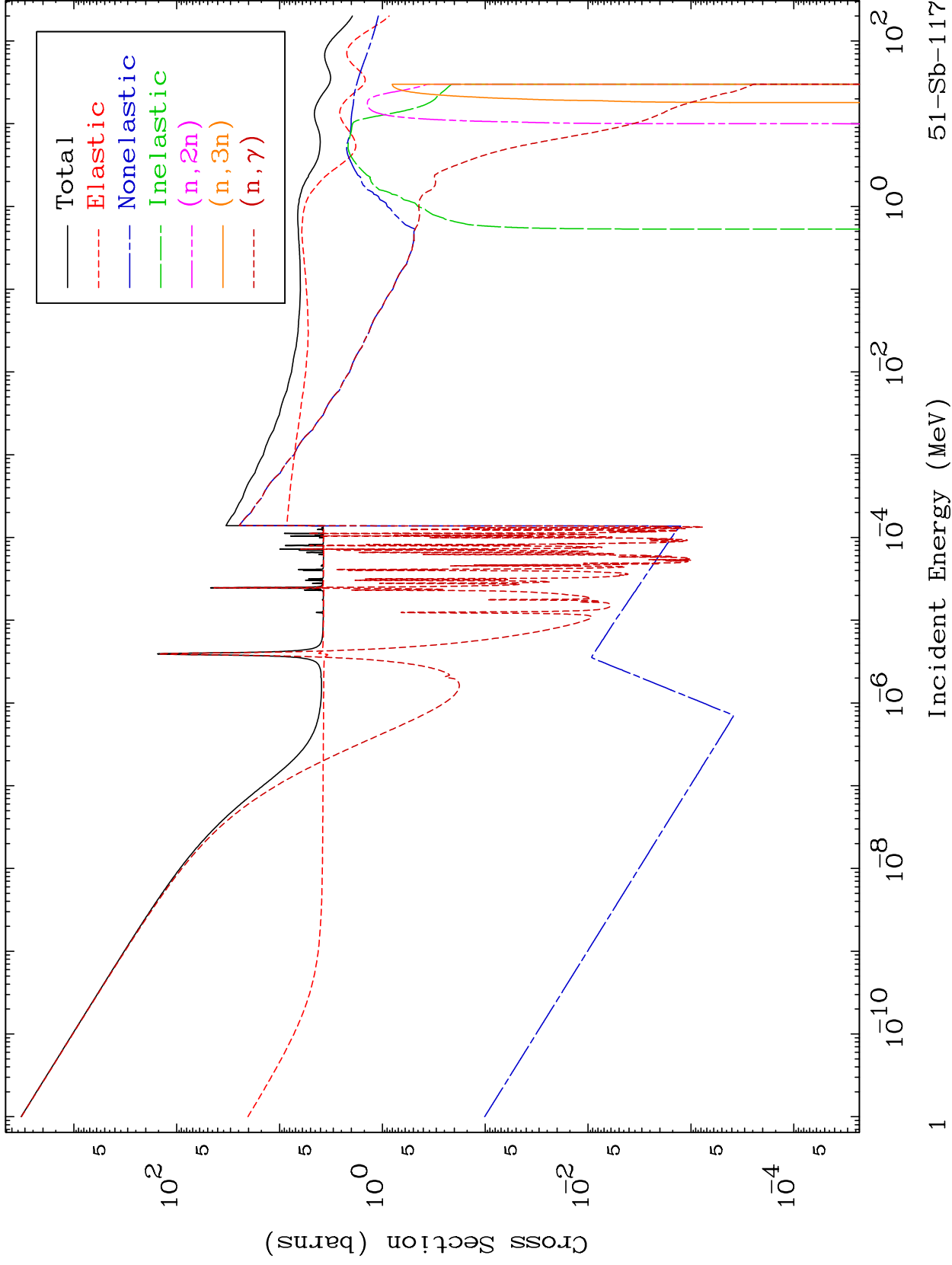
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Press Mouse Button to Start

MAT 5113

Neutron Major
293 Kelvin Cross Sections

51-Sb-117



51-Sb-117

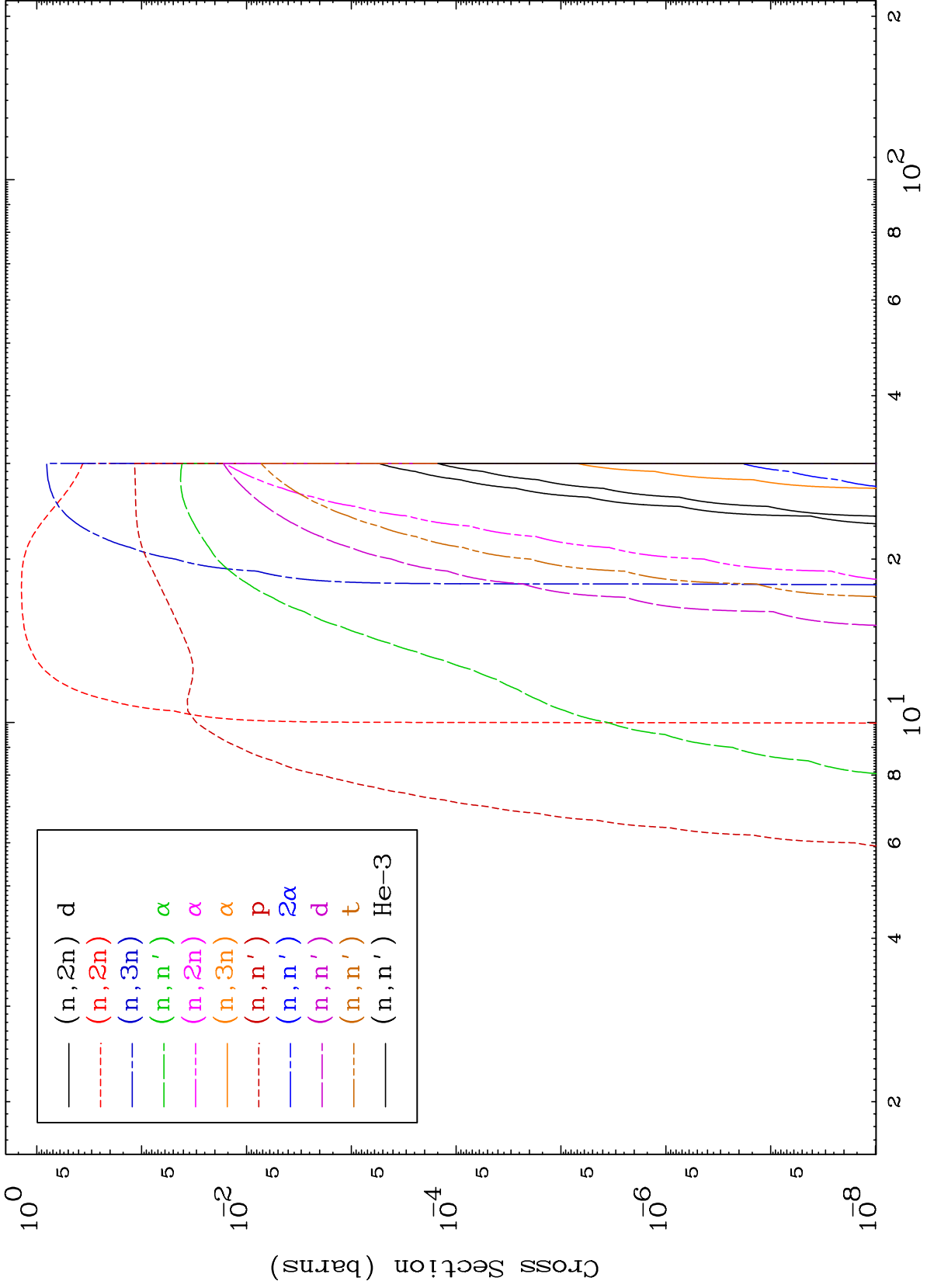
Incident Energy (MeV)

1

MAT 5113

Neutron Absorption
293 Kelvin Cross Sections

51-Sb-117



2

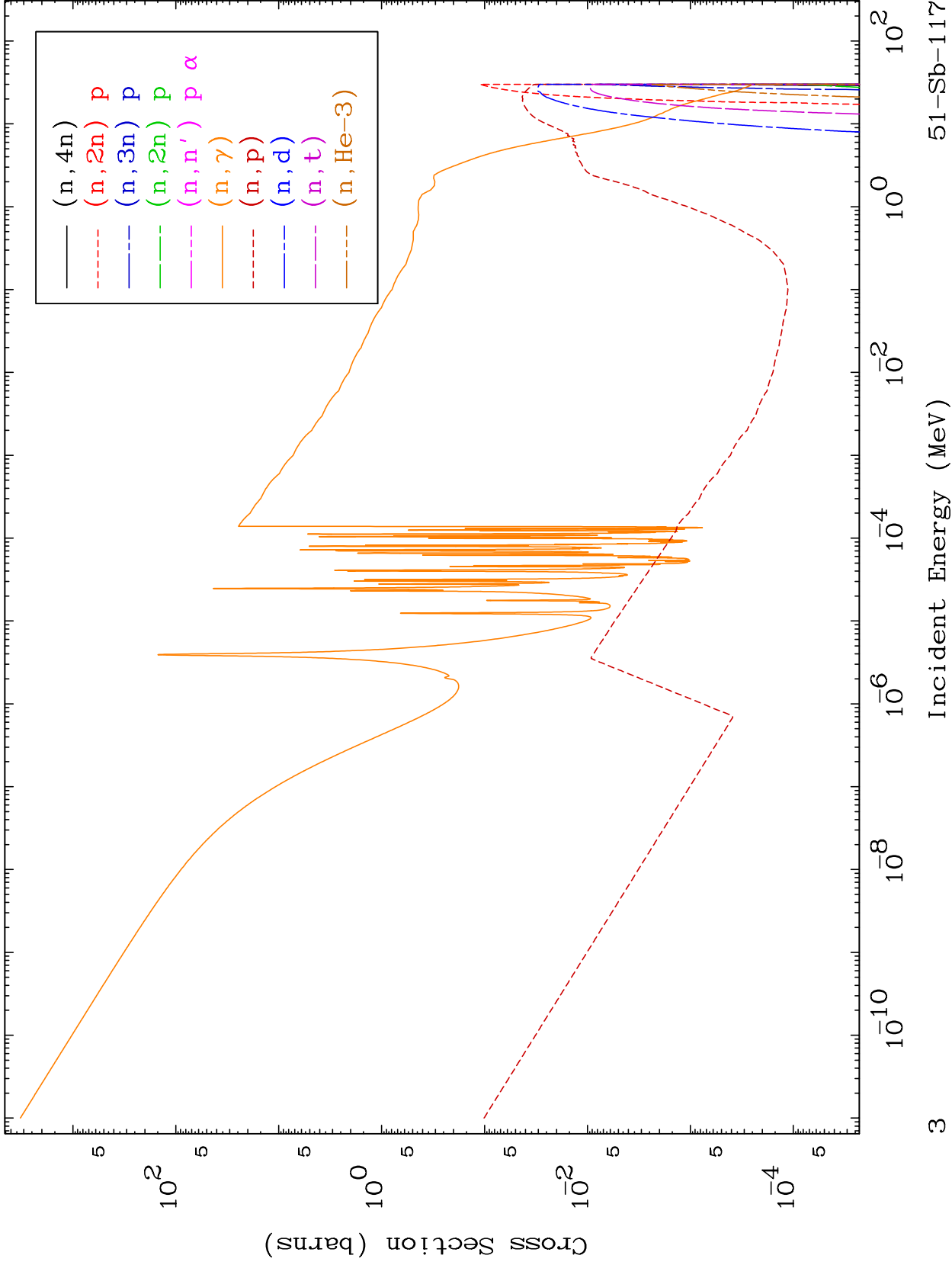
Incident Energy (MeV)

51-Sb-117

MAT 5113

Neutron Absorption
293 Kelvin Cross Sections

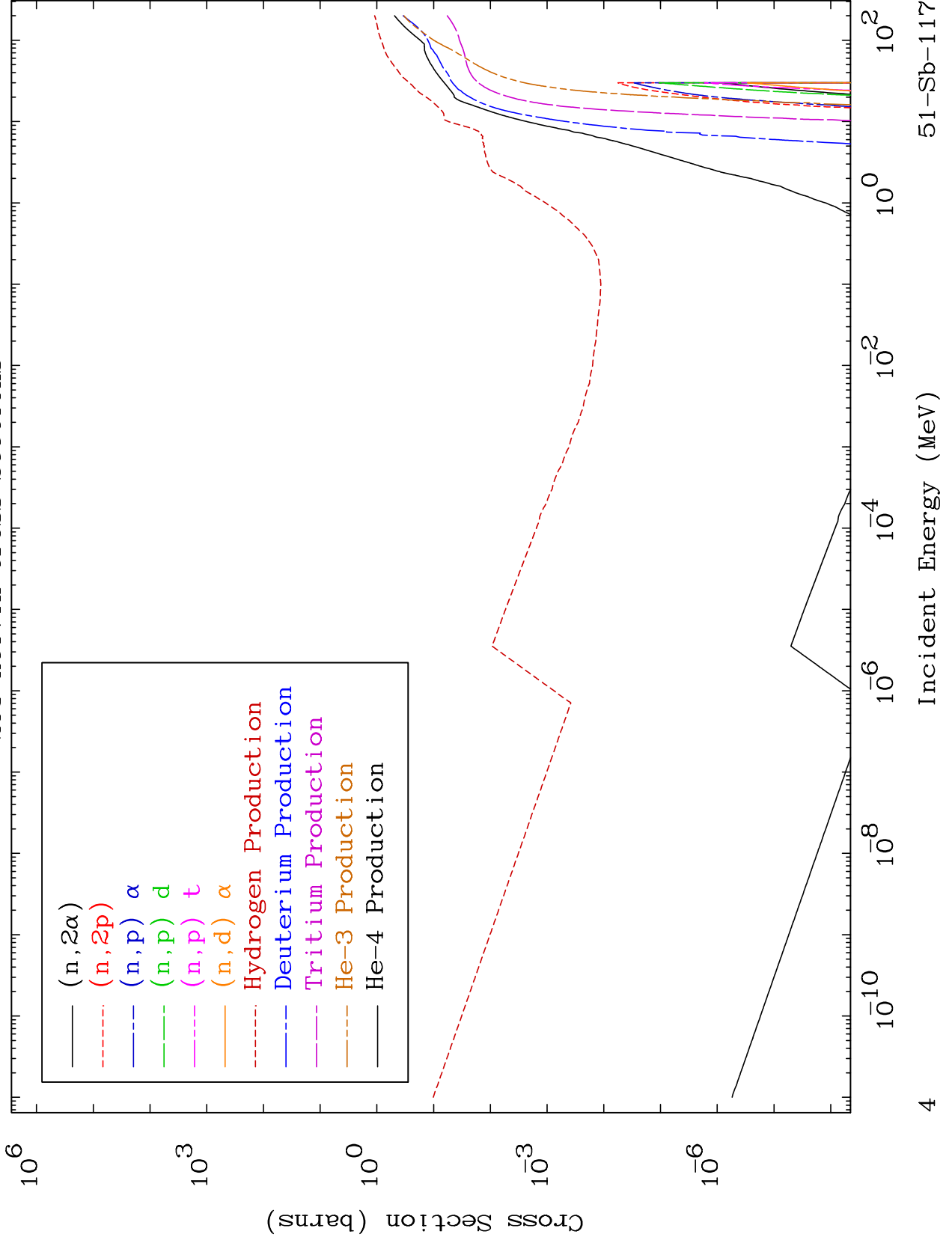
51-Sb-117



MAT 5113

Neutron Absorption
293 Kelvin Cross Sections

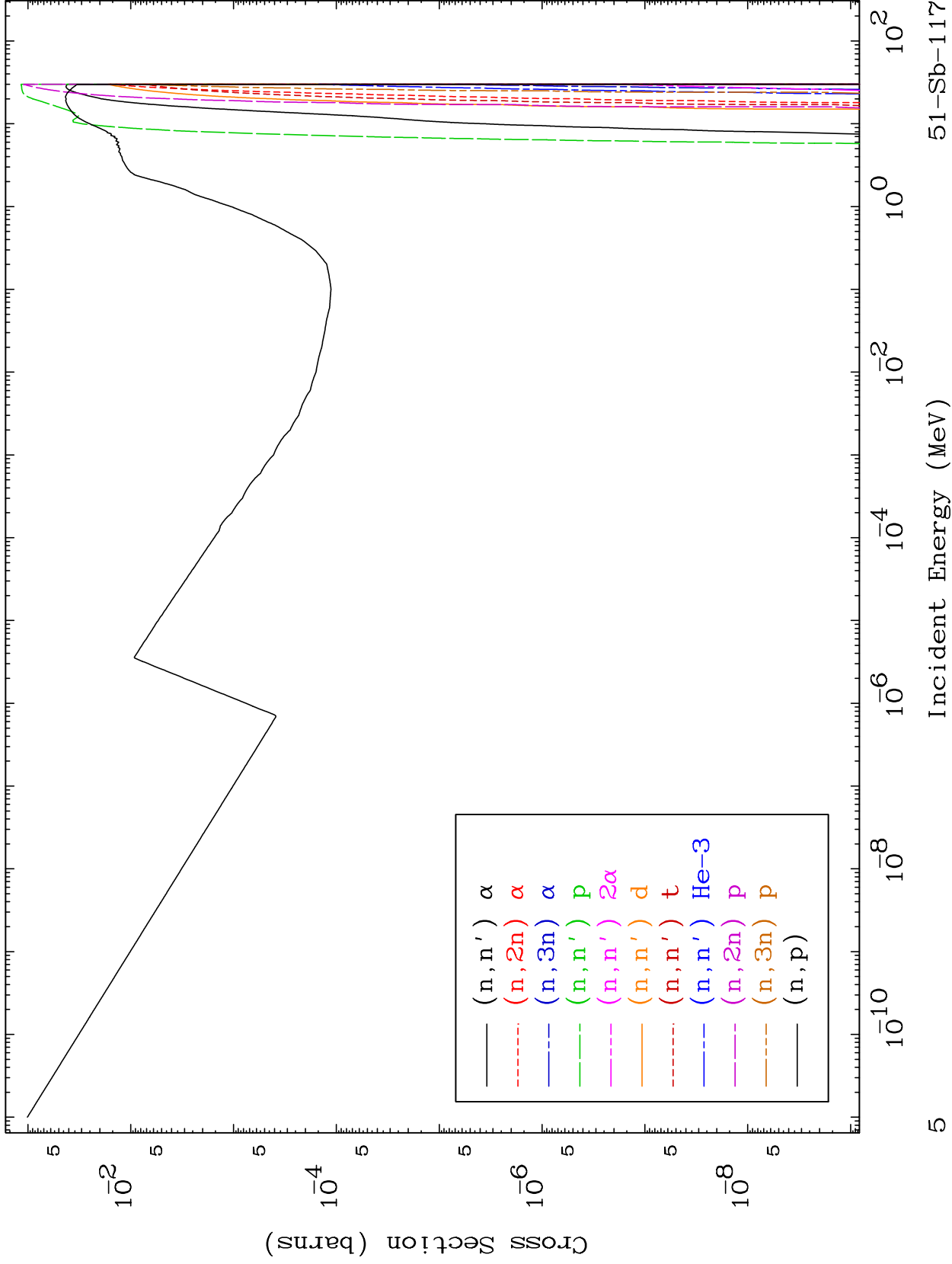
51-Sb-117



MAT 5113

Charged Particle
293 Kelvin Cross Sections

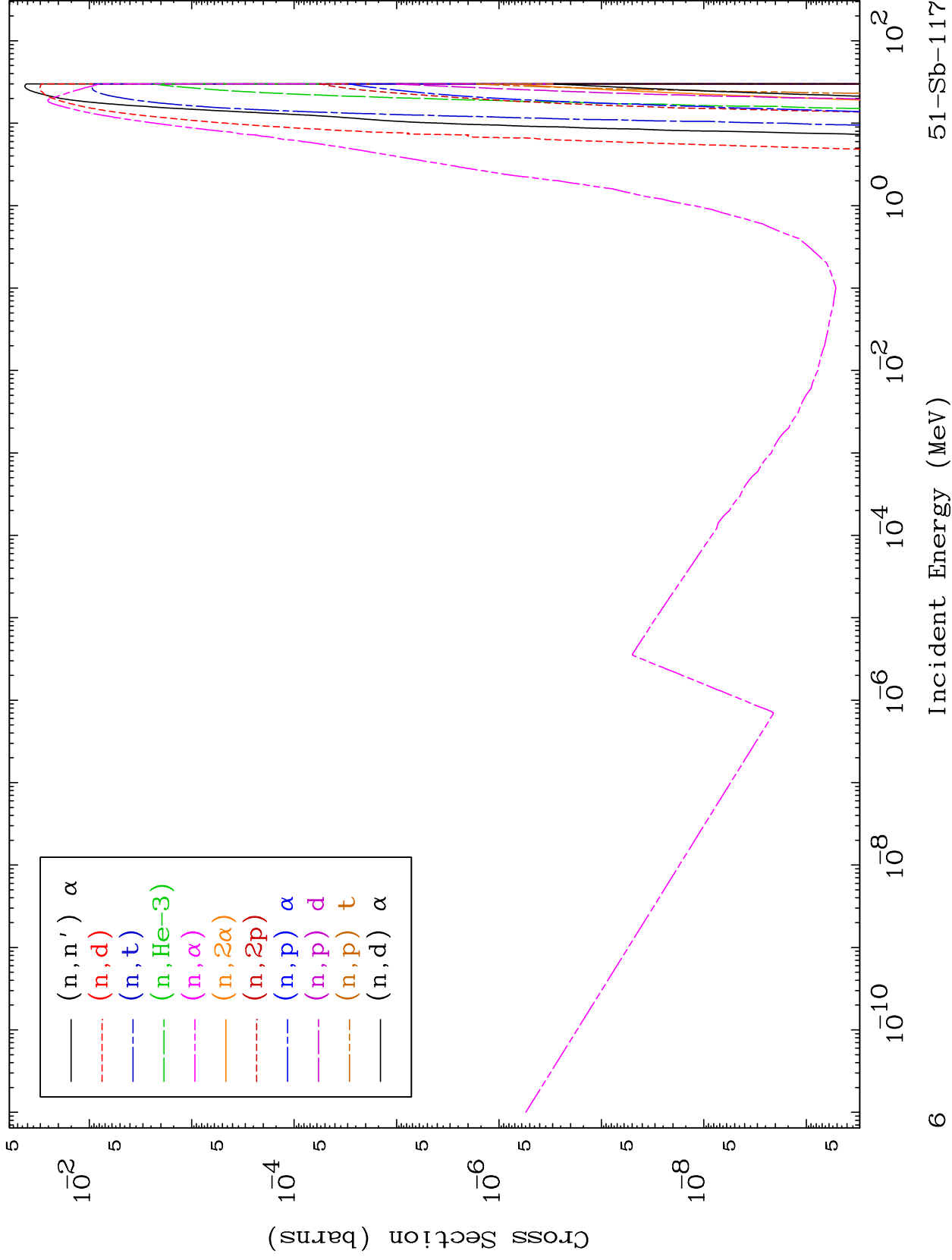
51-Sb-117



MAT 5113

Charged Particle
293 Kelvin Cross Sections

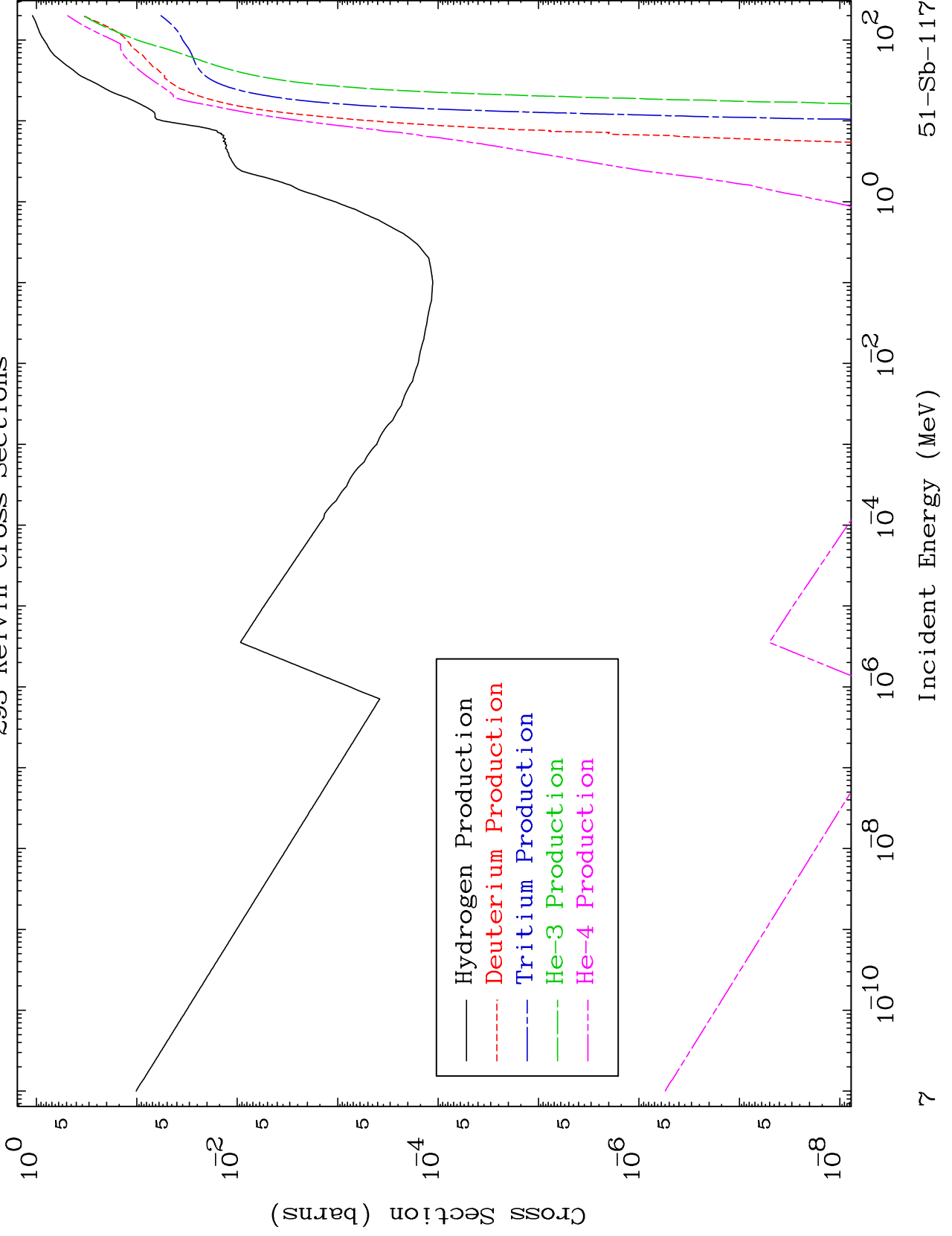
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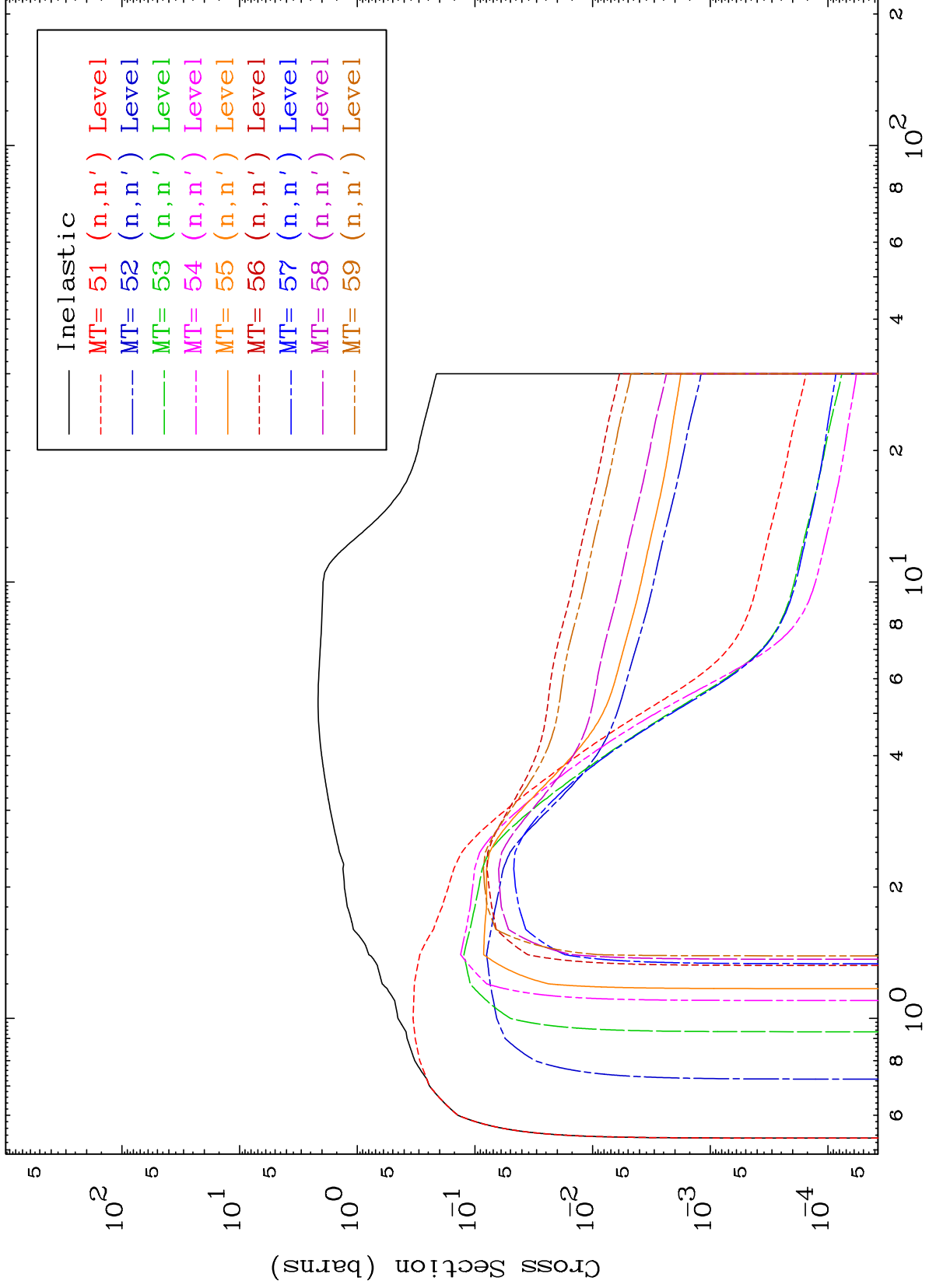
MAT 5113

Particle Production
293 Kelvin Cross Sections

51-Sb-117



293 Kelvin Cross Sections

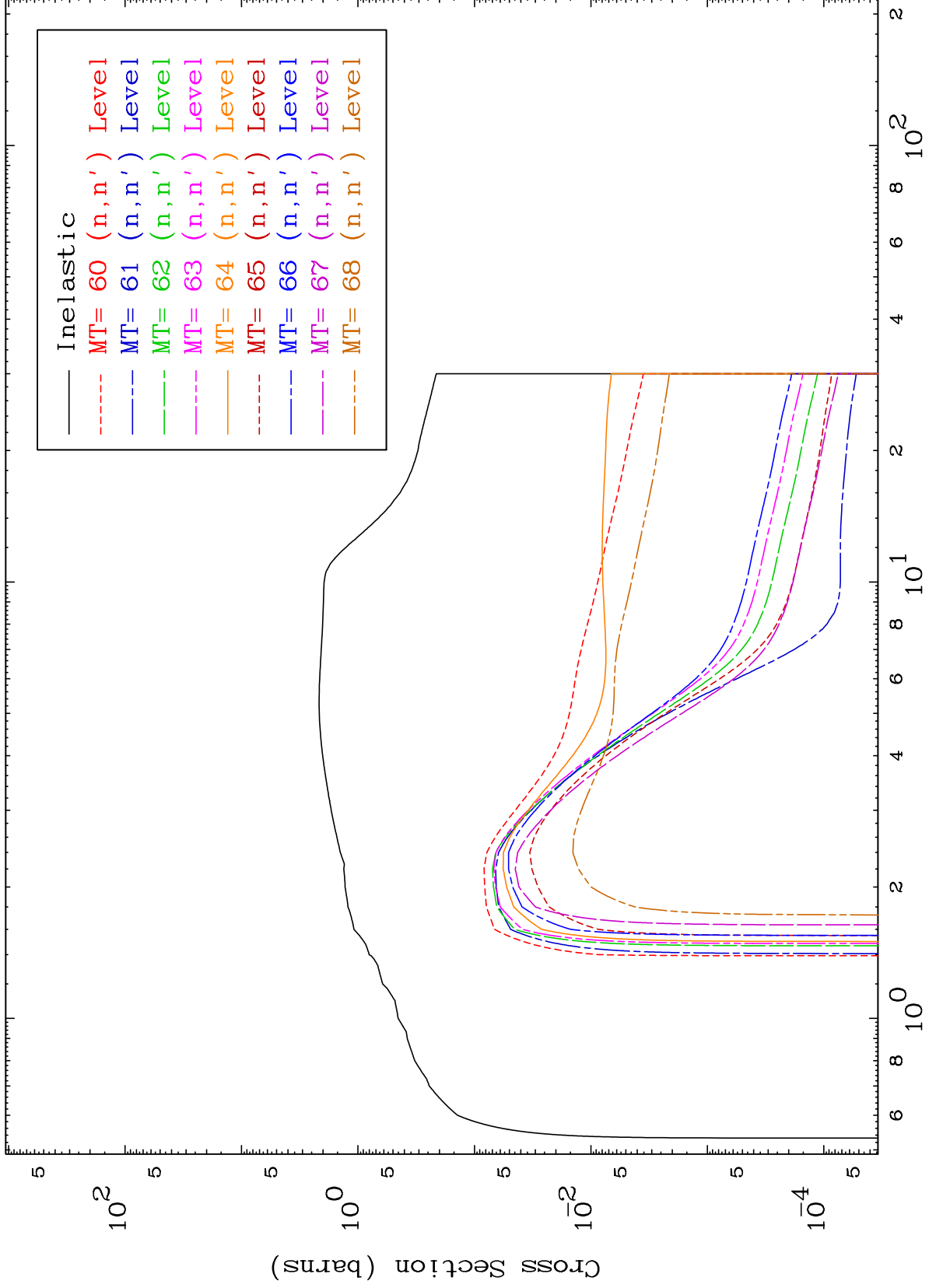


MAT 5113

(n,n') Levels

51-Sb-117

293 Kelvin Cross Sections



9

Incident Energy (MeV)

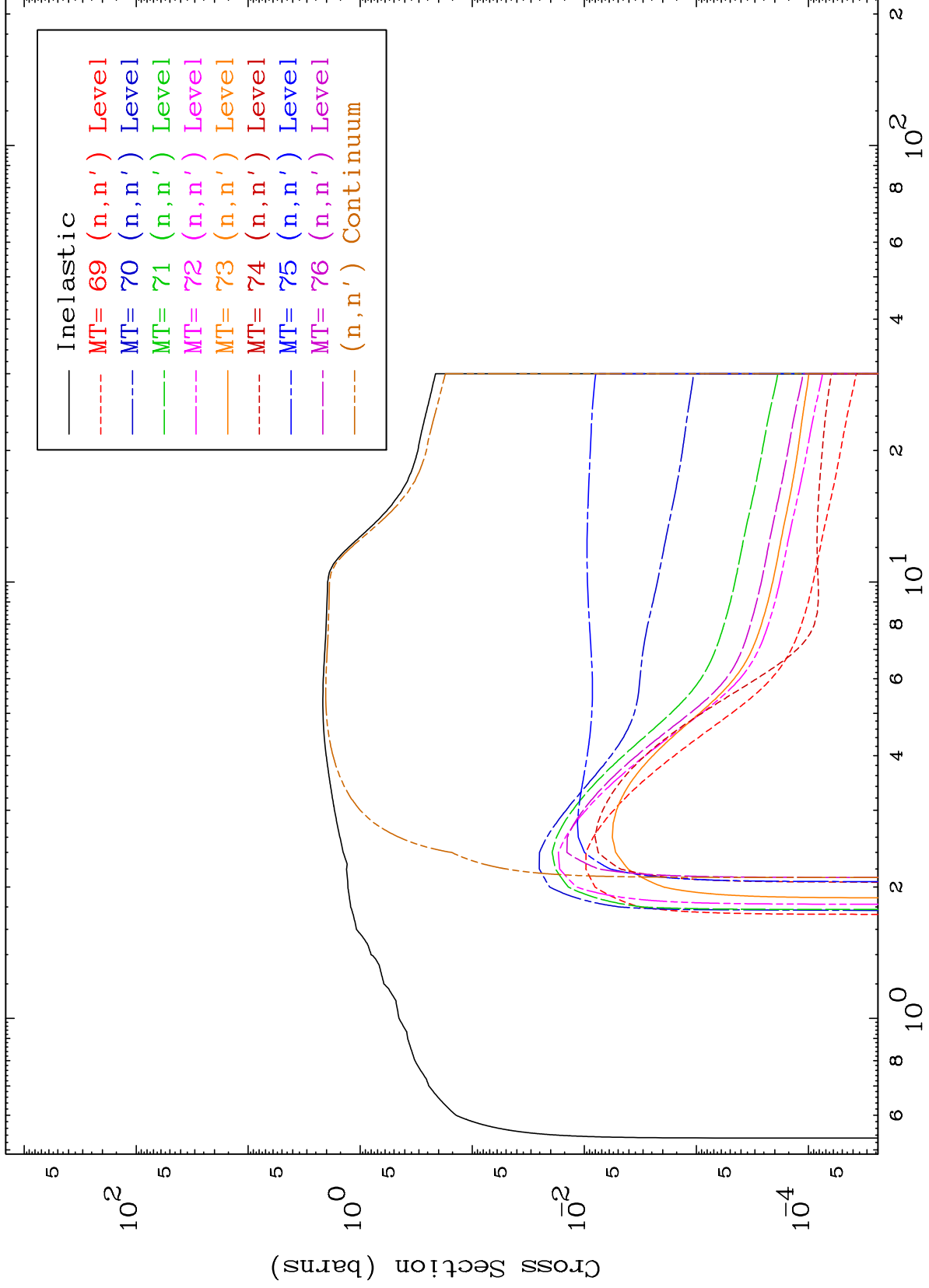
51-Sb-117

MAT 5113

(n,n') Levels

51-Sb-117

293 Kelvin Cross Sections



10

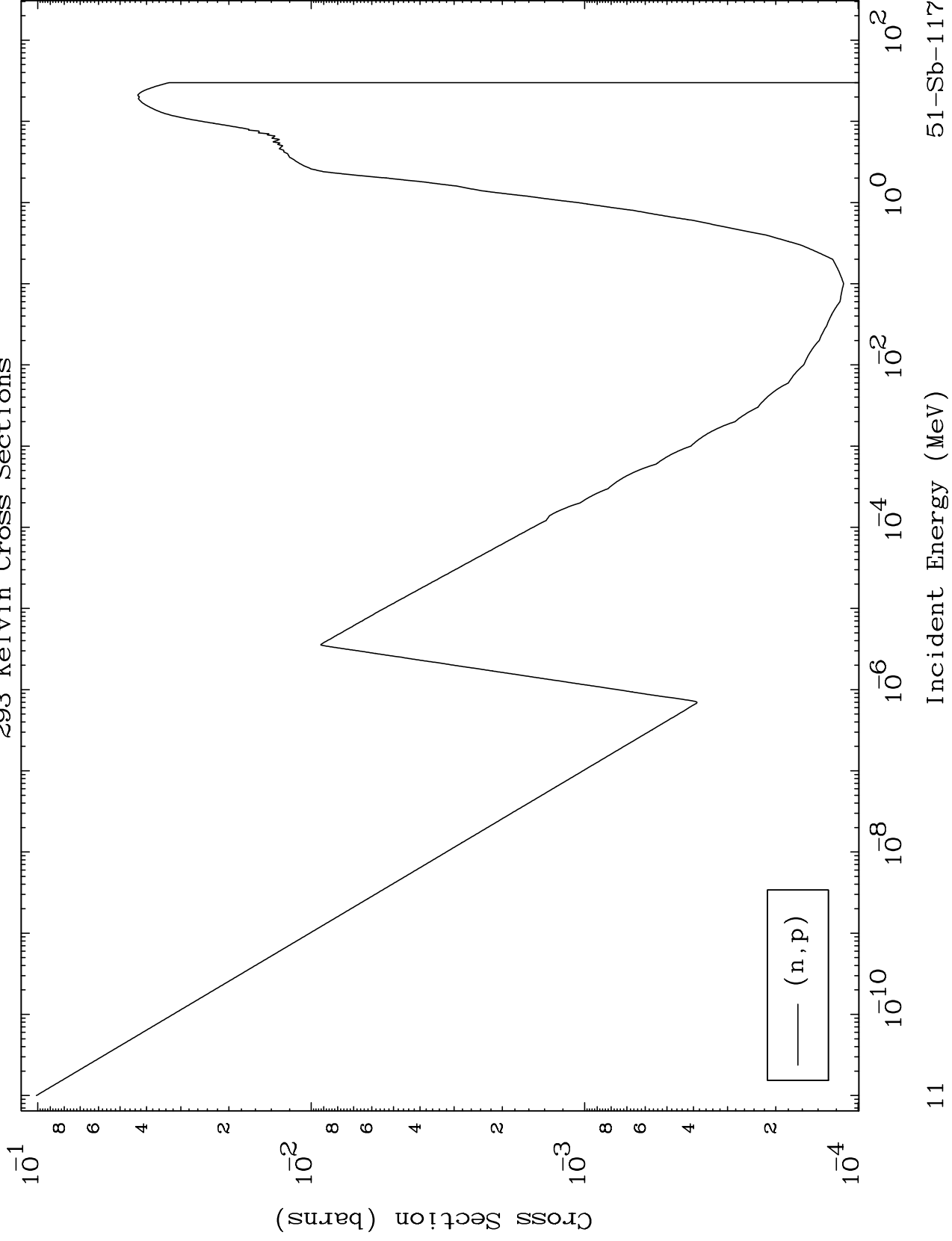
Incident Energy (MeV)

51-Sb-117

MAT 5113

(n,p) Levels
293 Kelvin Cross Sections

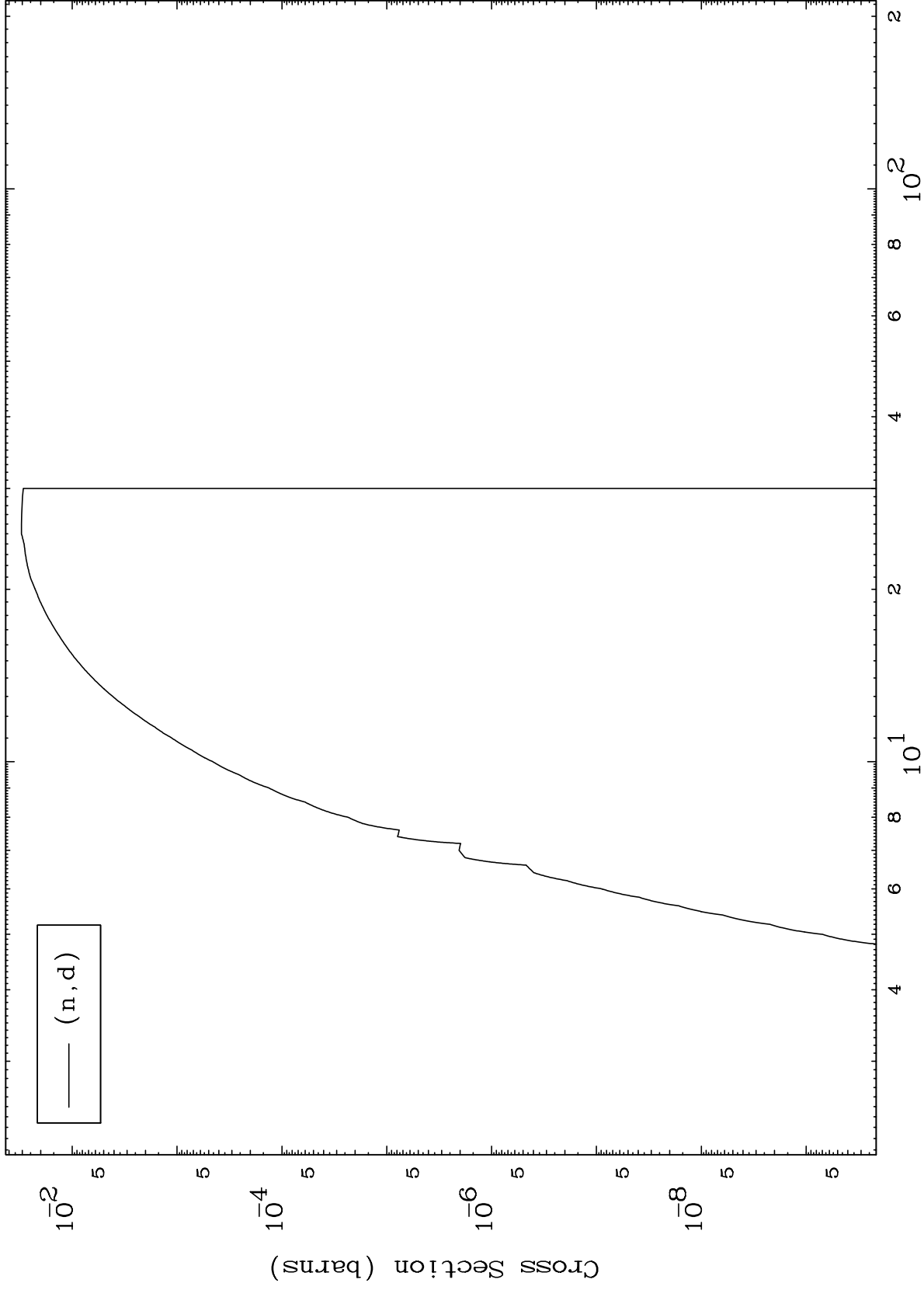
51-Sb-117



MAT 5113

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-117



12

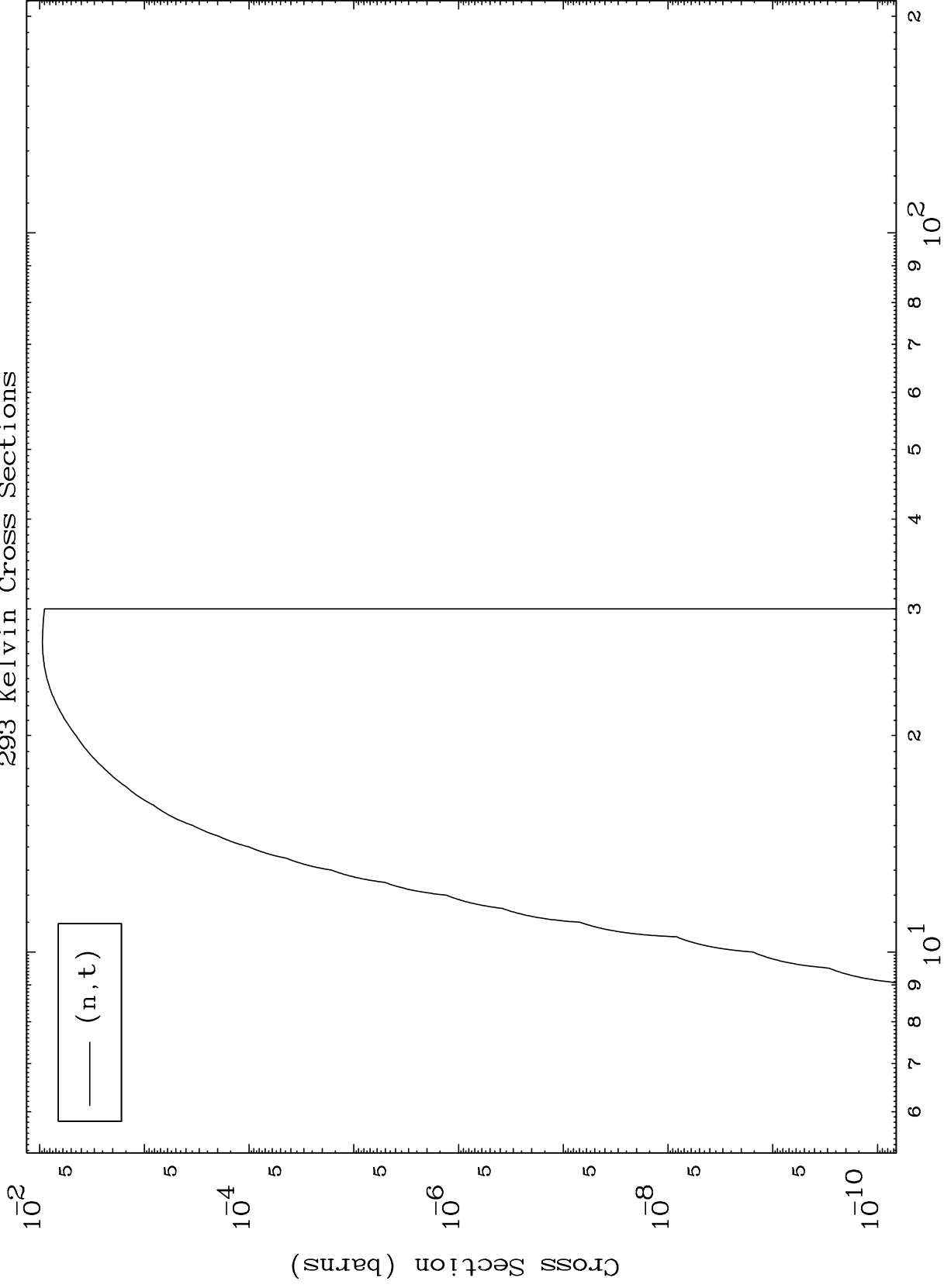
Incident Energy (MeV)

51-Sb-117

MAT 5113

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-117



13

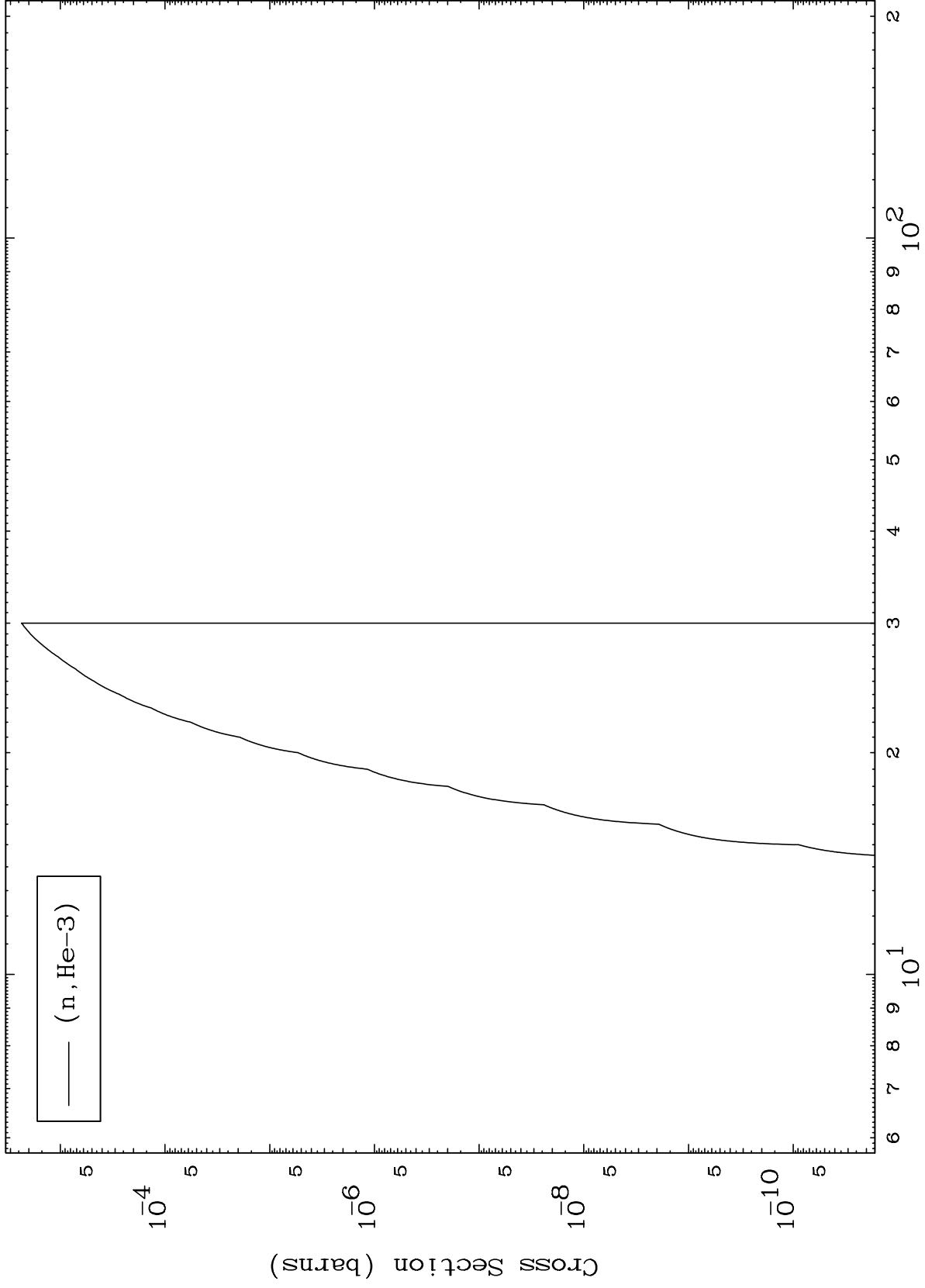
Incident Energy (MeV)

51-Sb-117

MAT 5113

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-117



14

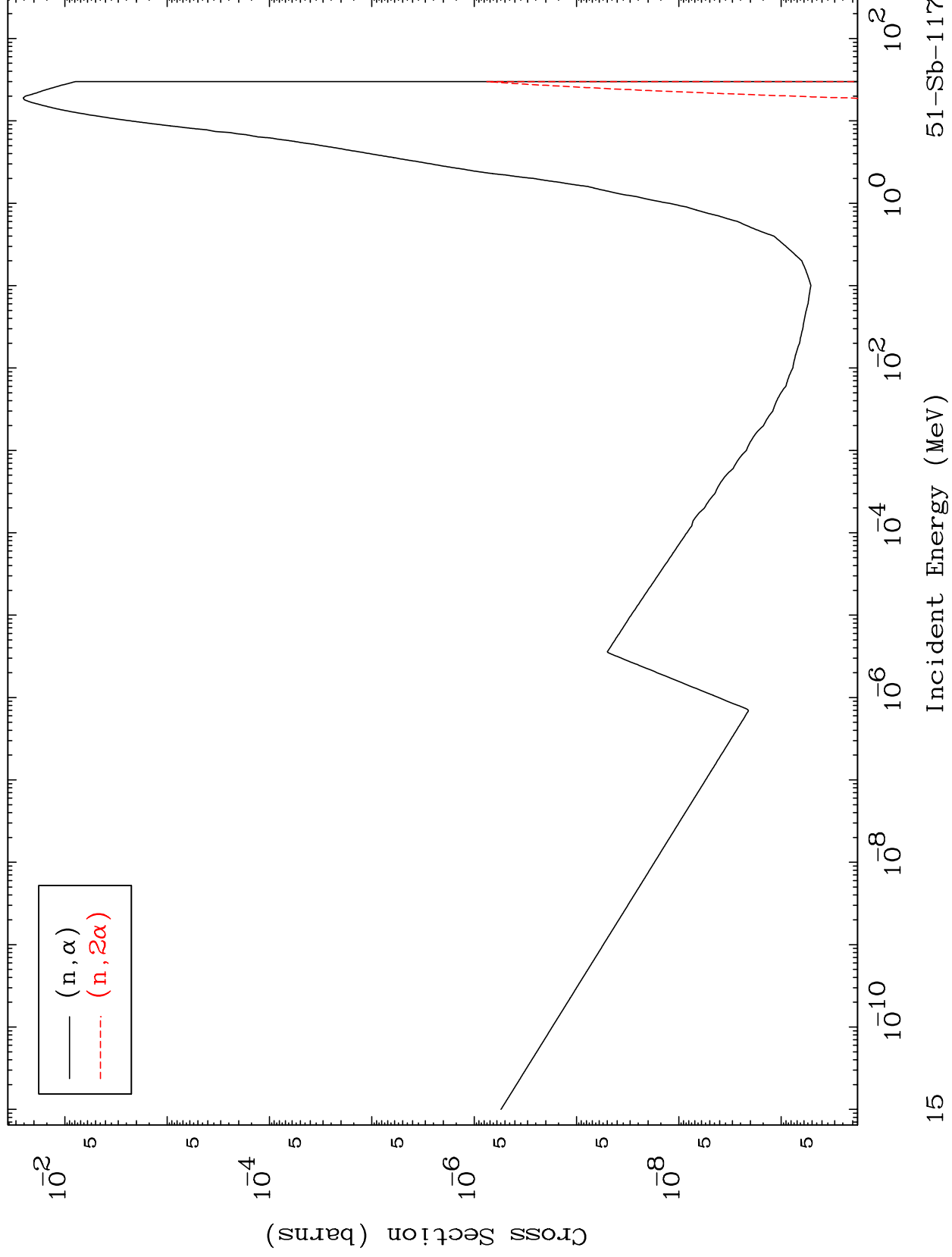
Incident Energy (MeV)

51-Sb-117

MAT 5113

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-117

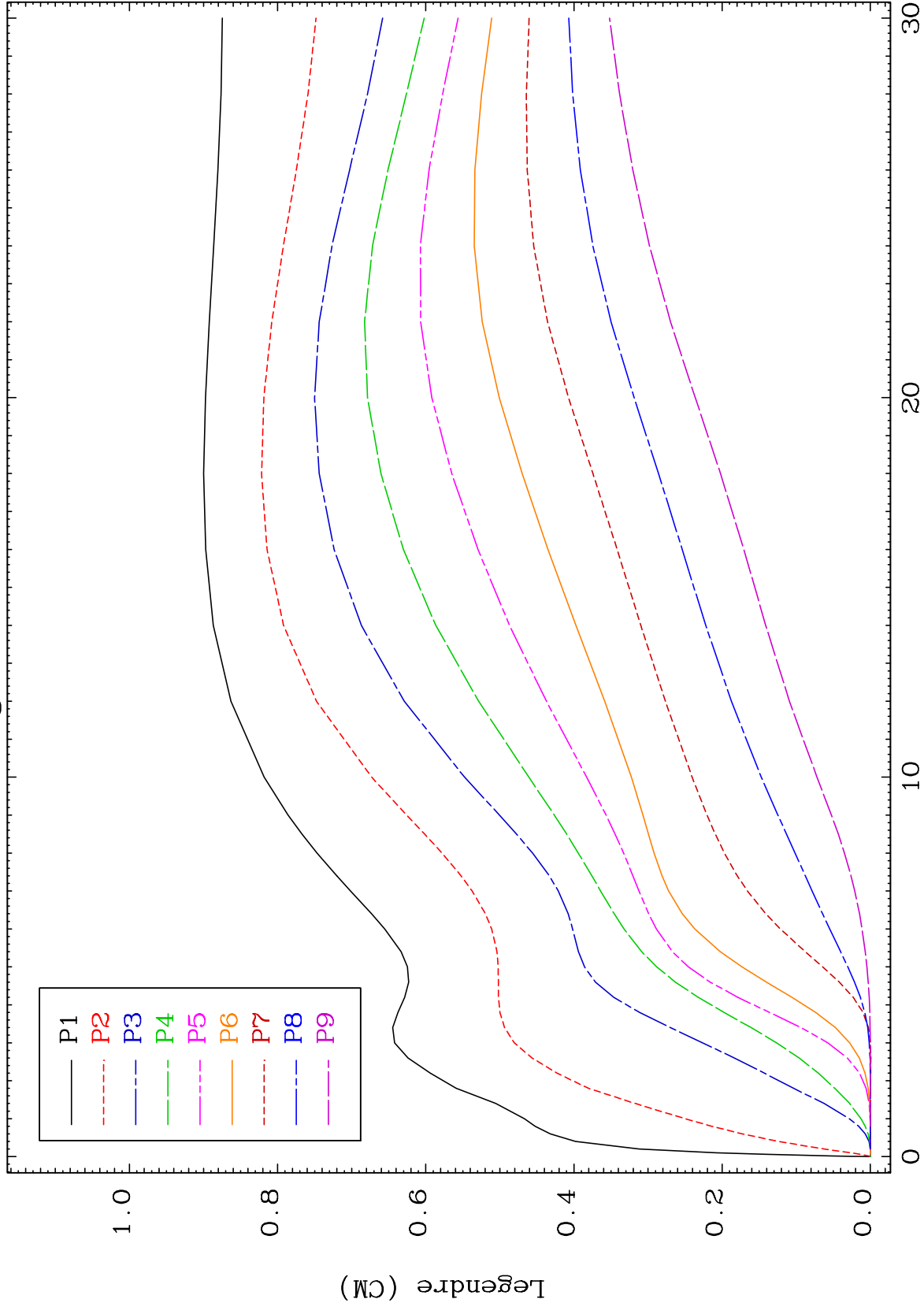


15

MAT 5113

Elastic Legendre Coefficients

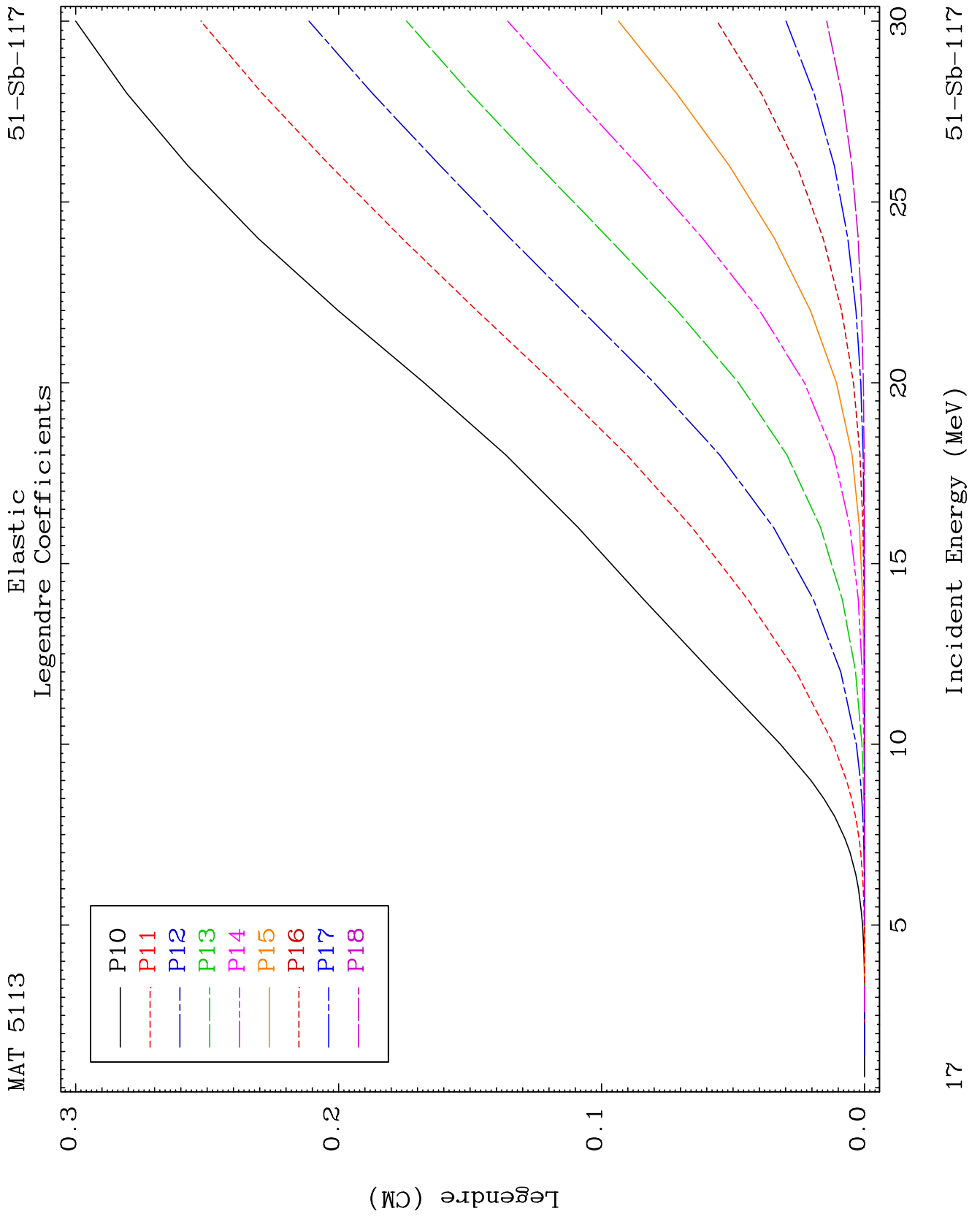
51-Sb-117



16

Incident Energy (MeV)

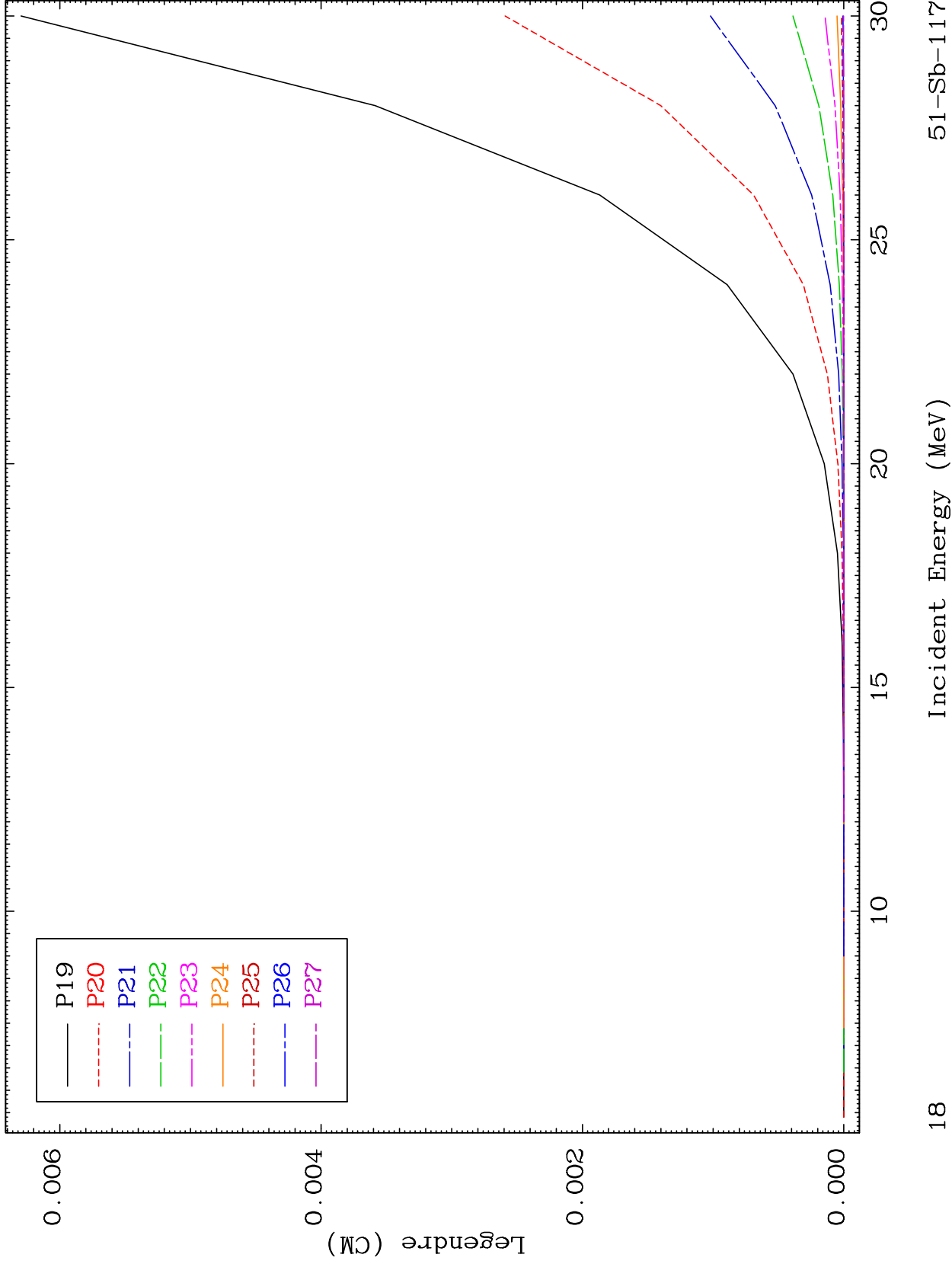
51-Sb-117



MAT 5113

Elastic Legendre Coefficients

51-Sb-117



18

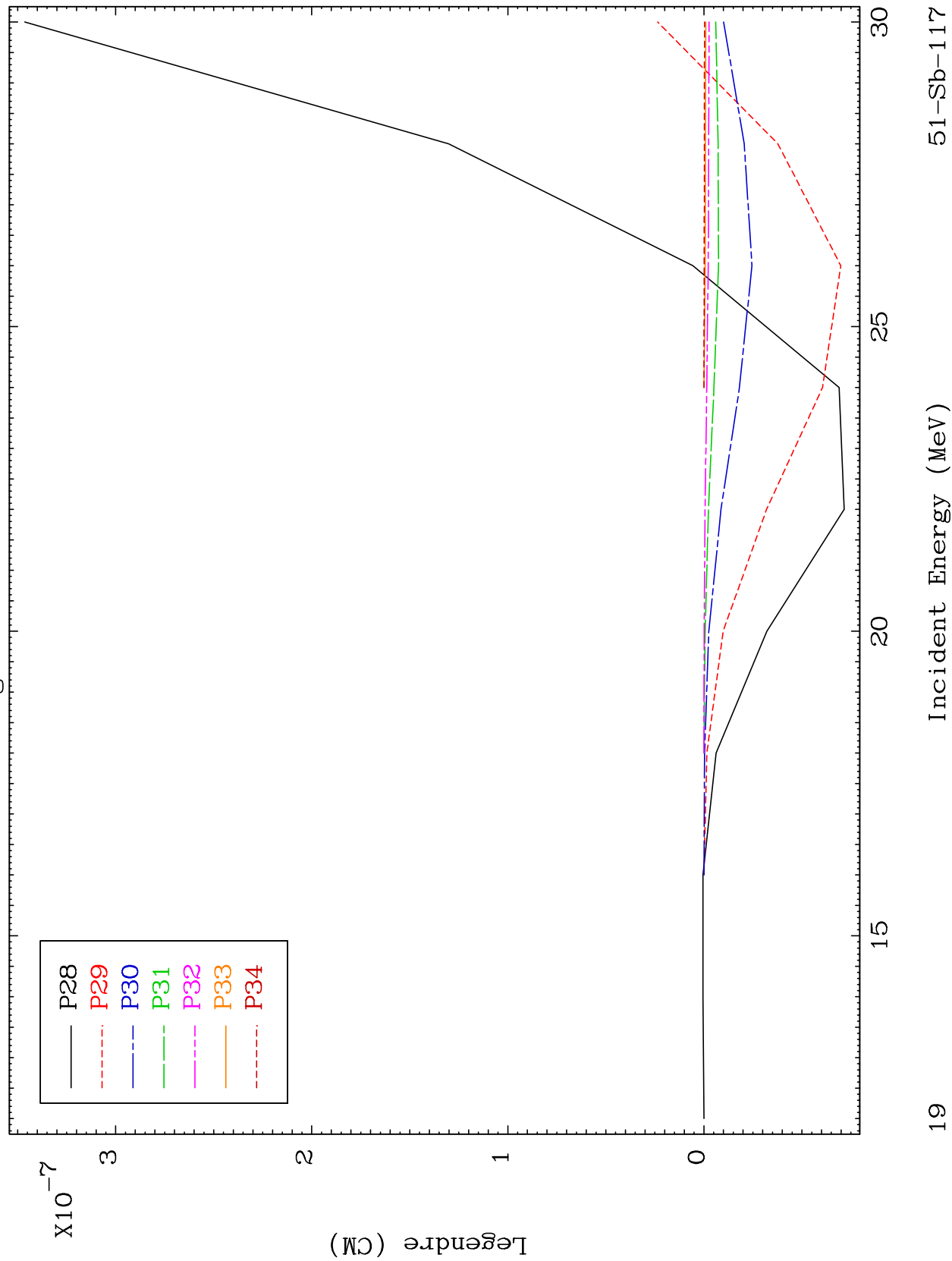
Incident Energy (MeV)

51-Sb-117

MAT 5113

Elastic Legendre Coefficients

51-Sb-117



19

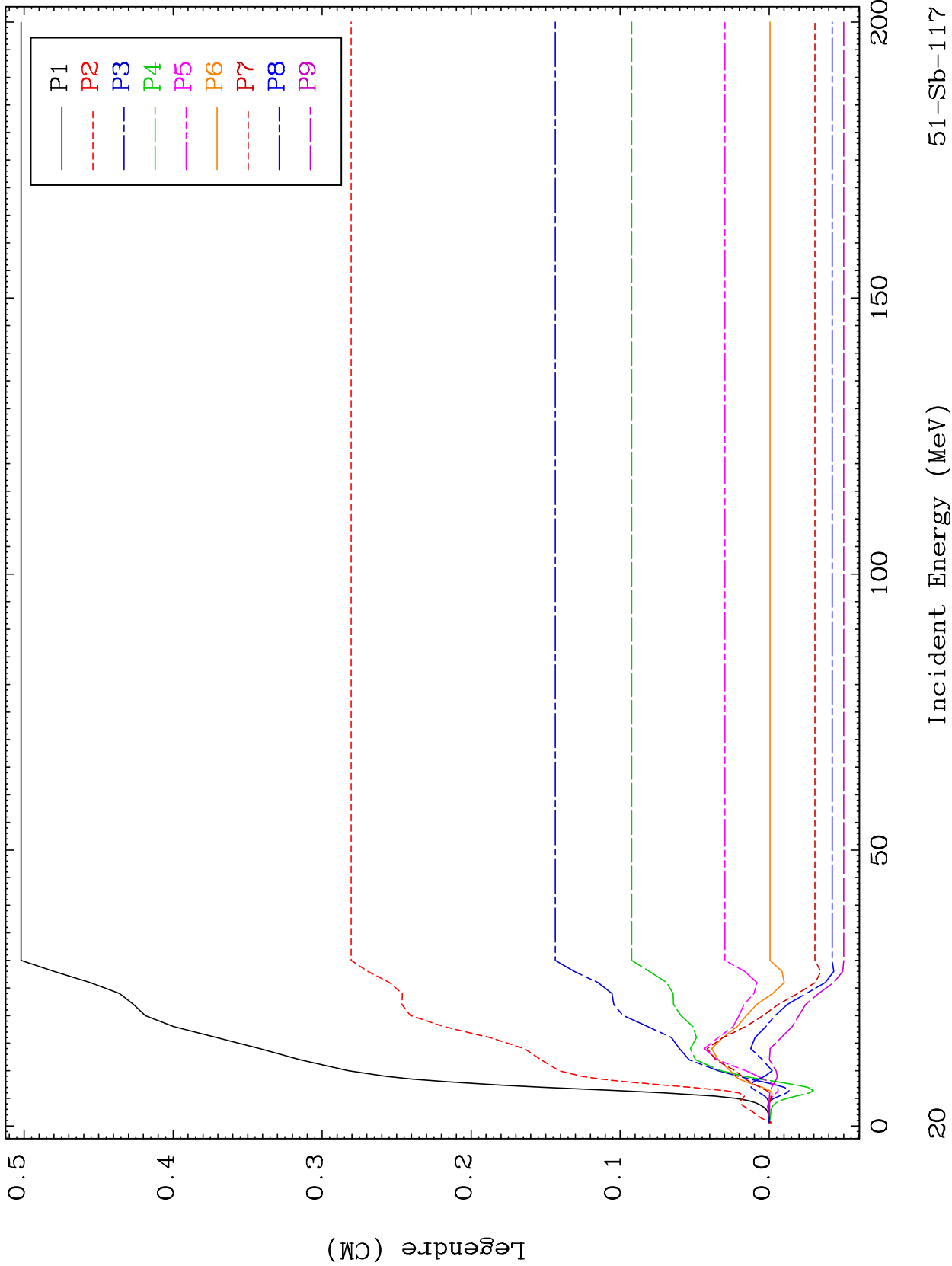
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

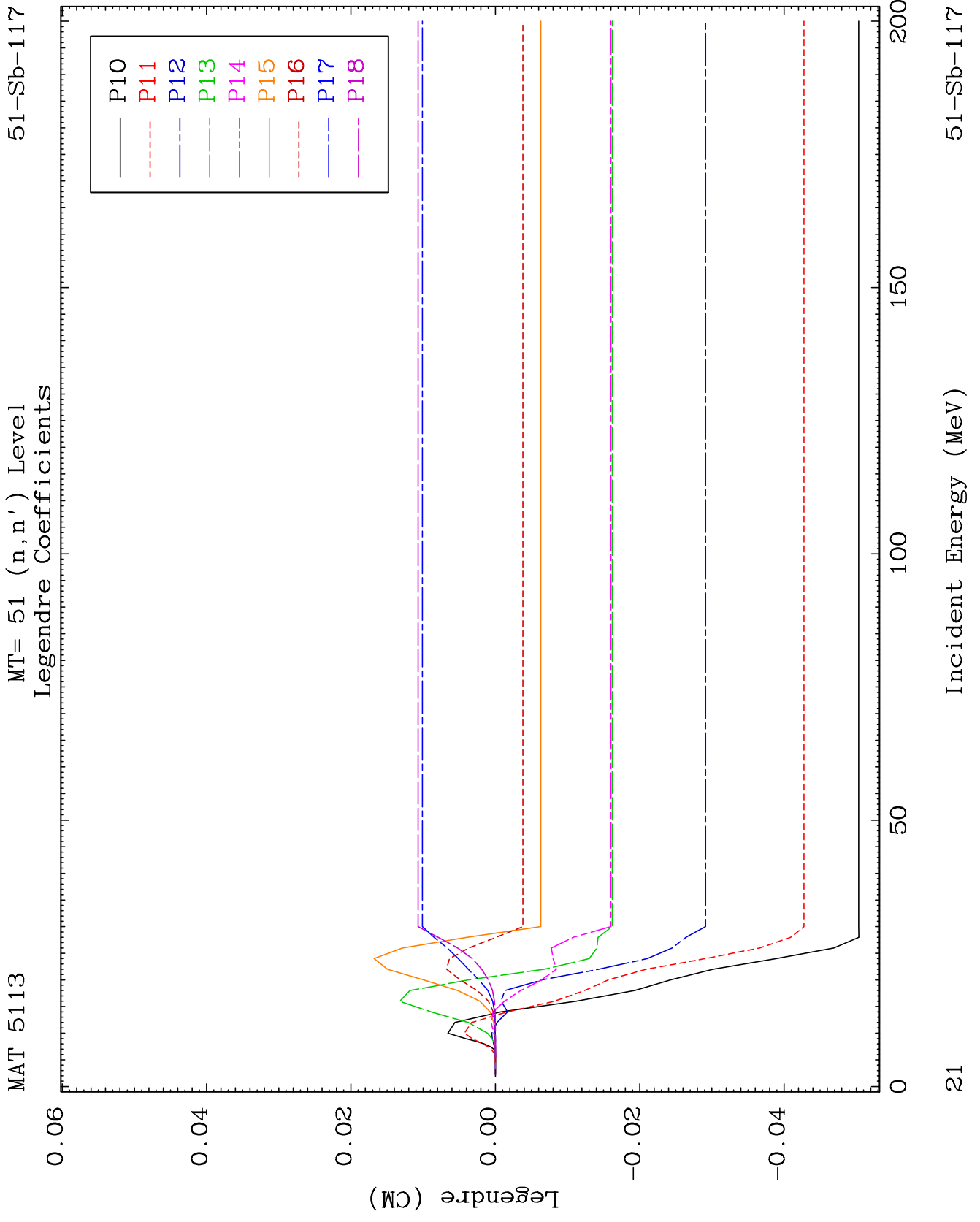
51-Sb-117



51-Sb-117

Incident Energy (MeV)

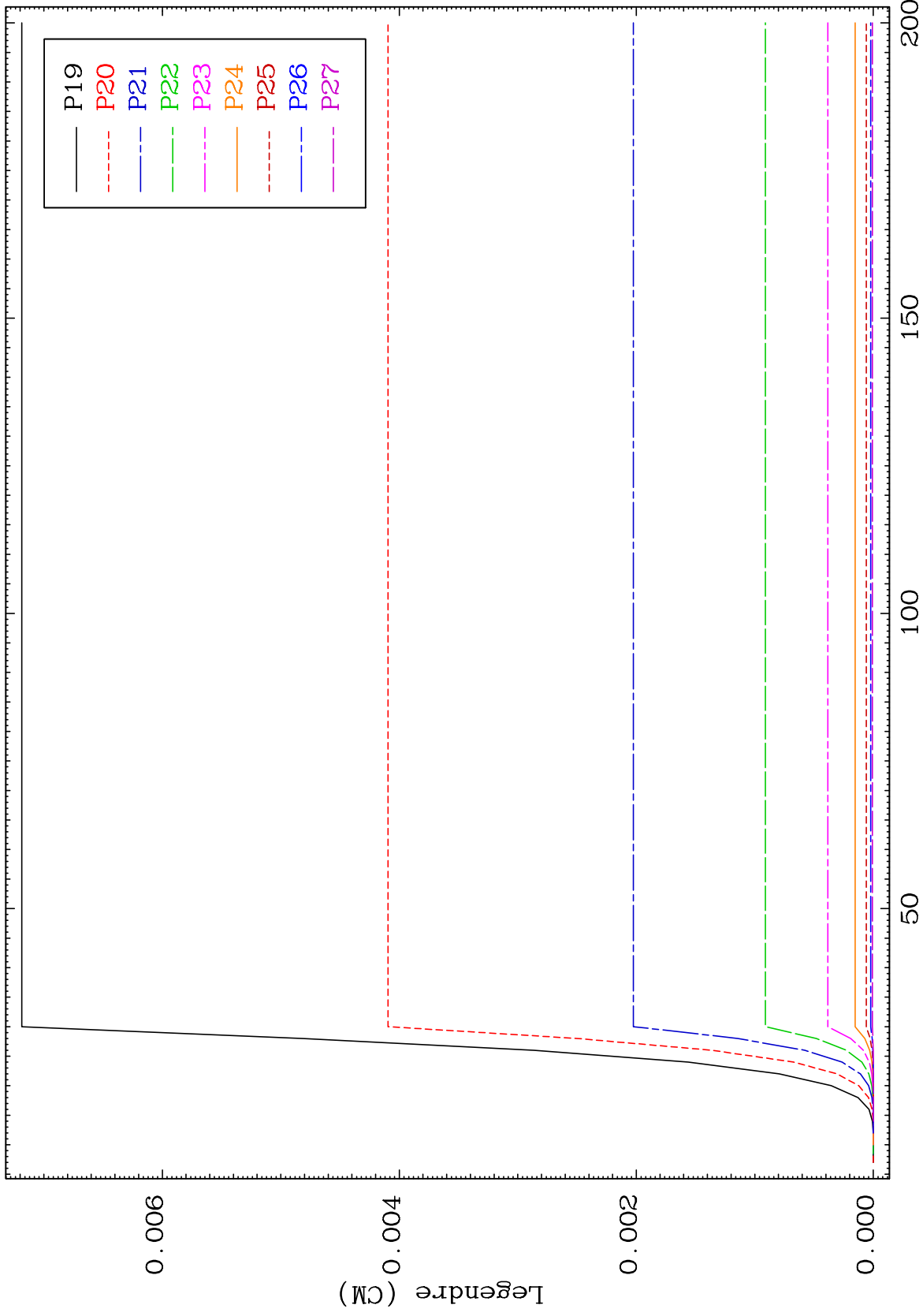
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MAT 5113

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

51-Sb-117



22

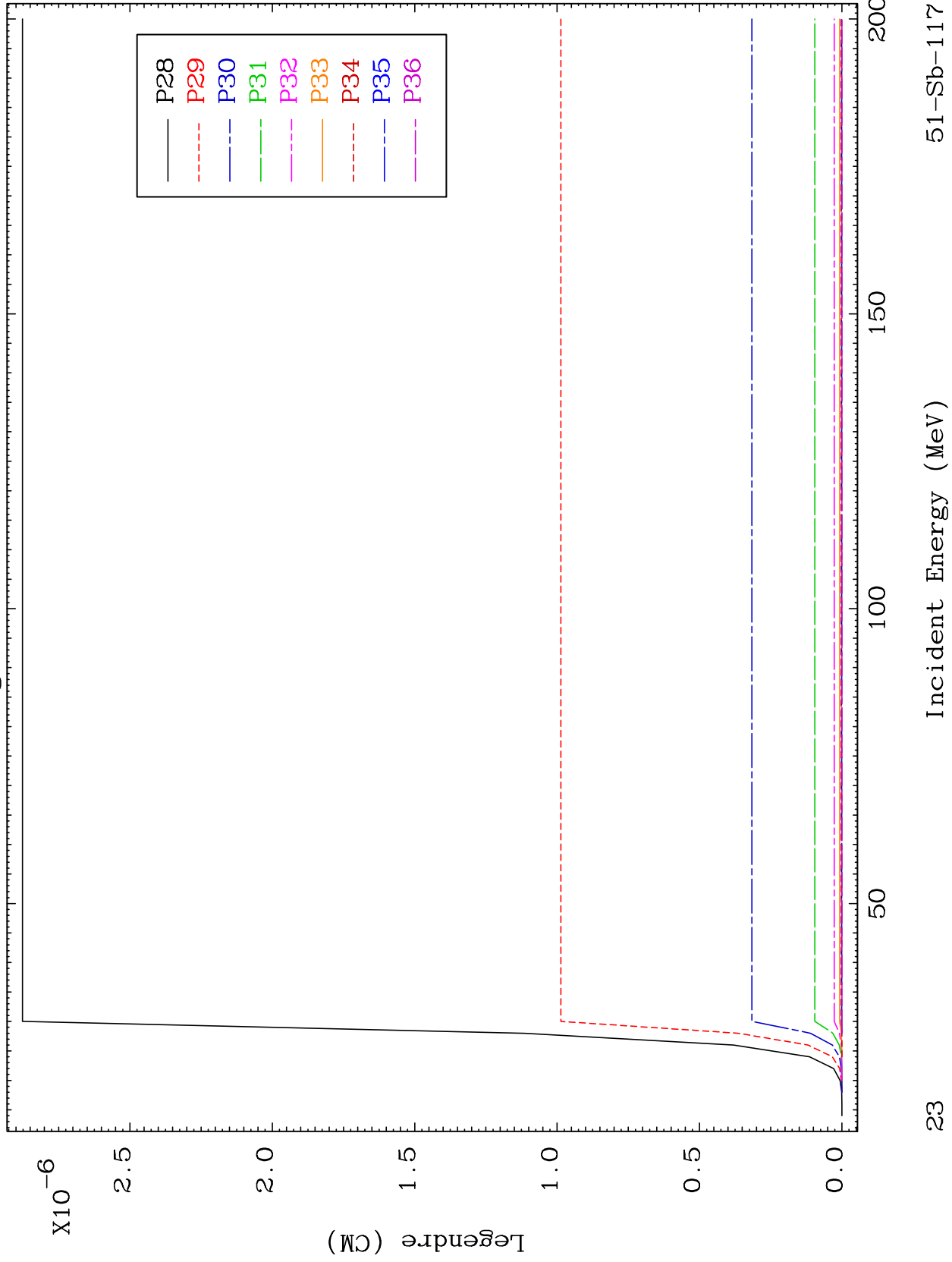
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



23

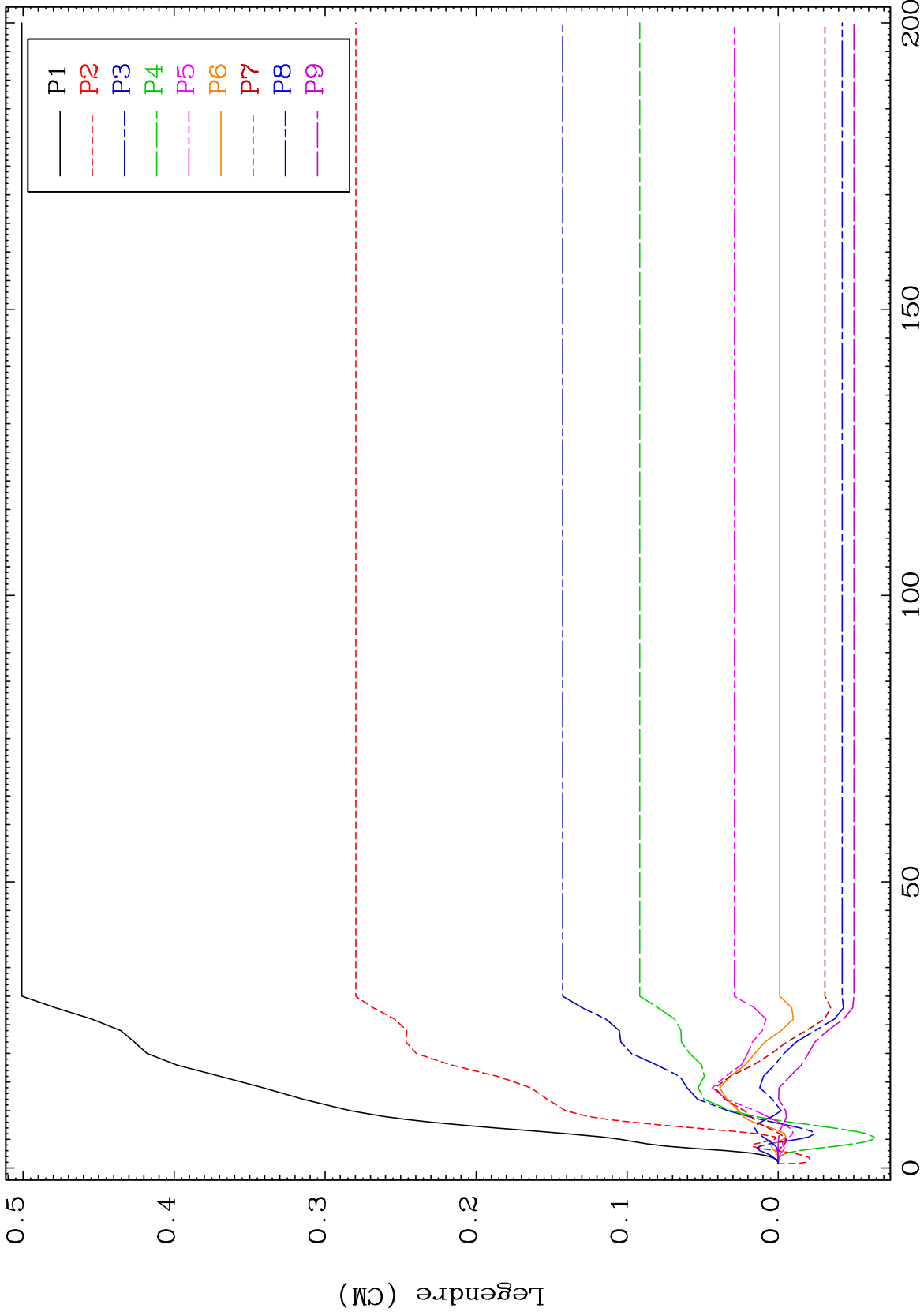
51-Sb-117

MAT 5113

MT= 52 (n,n') Level

51-Sb-117

Legendre Coefficients



24

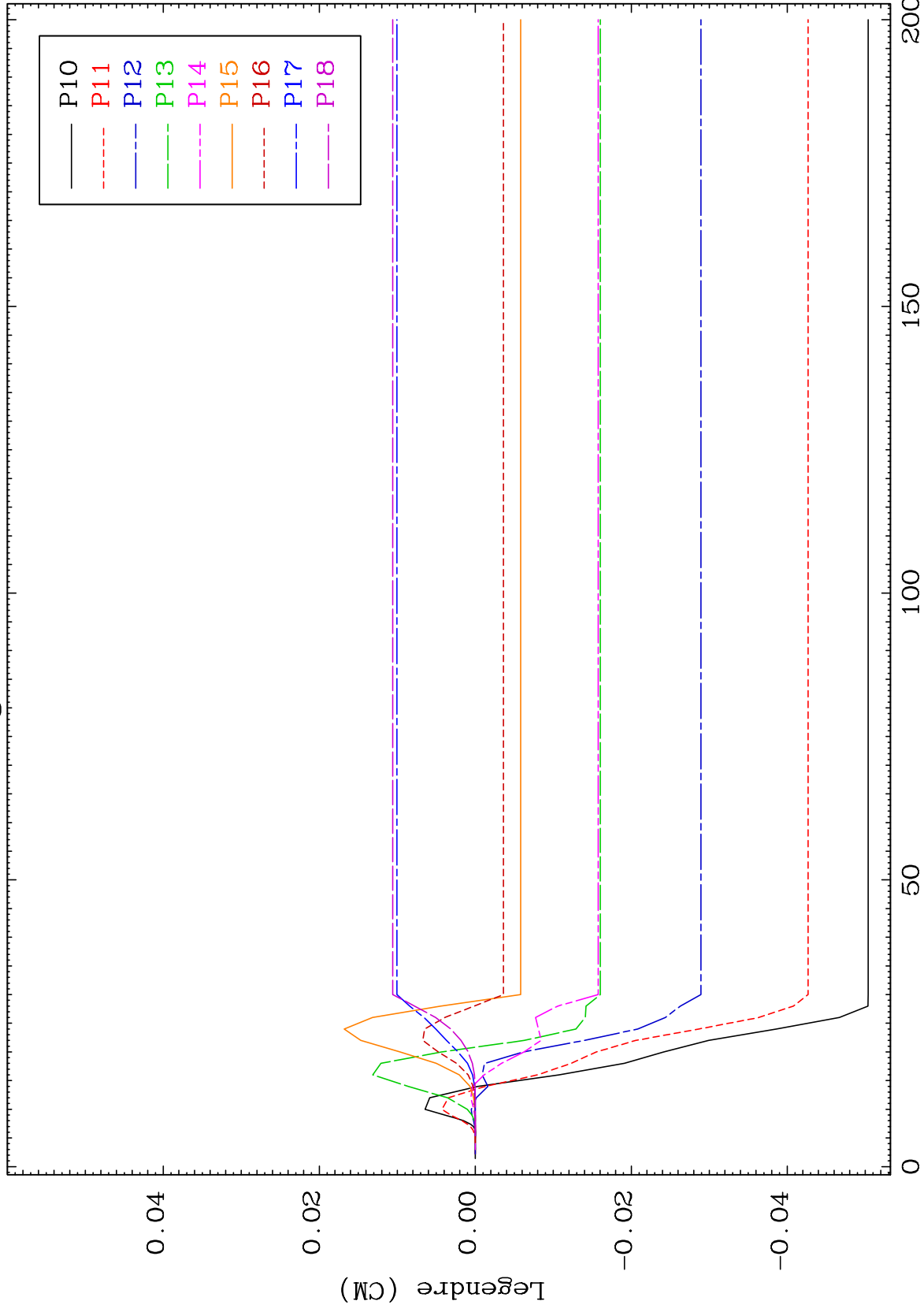
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



25

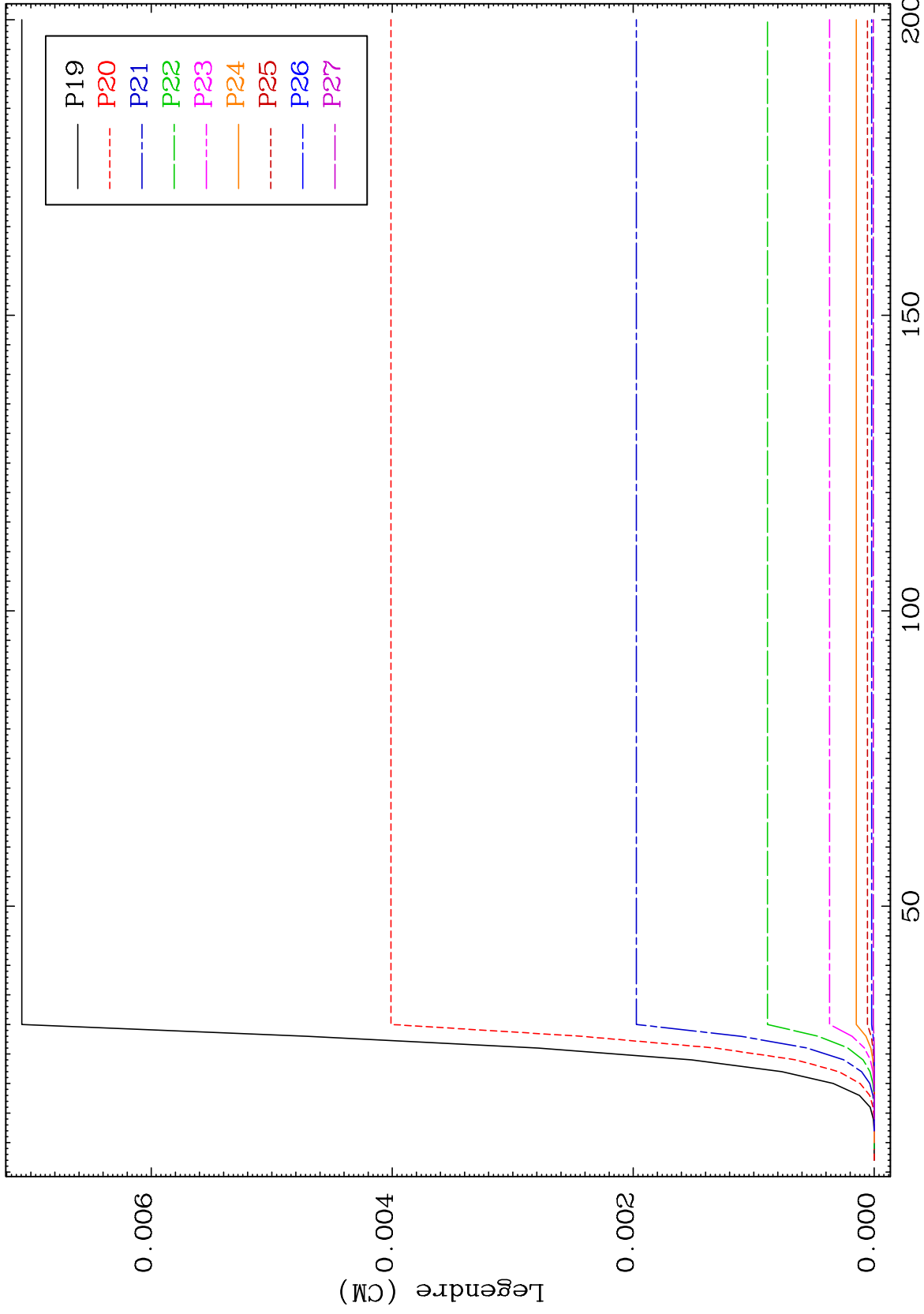
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



26

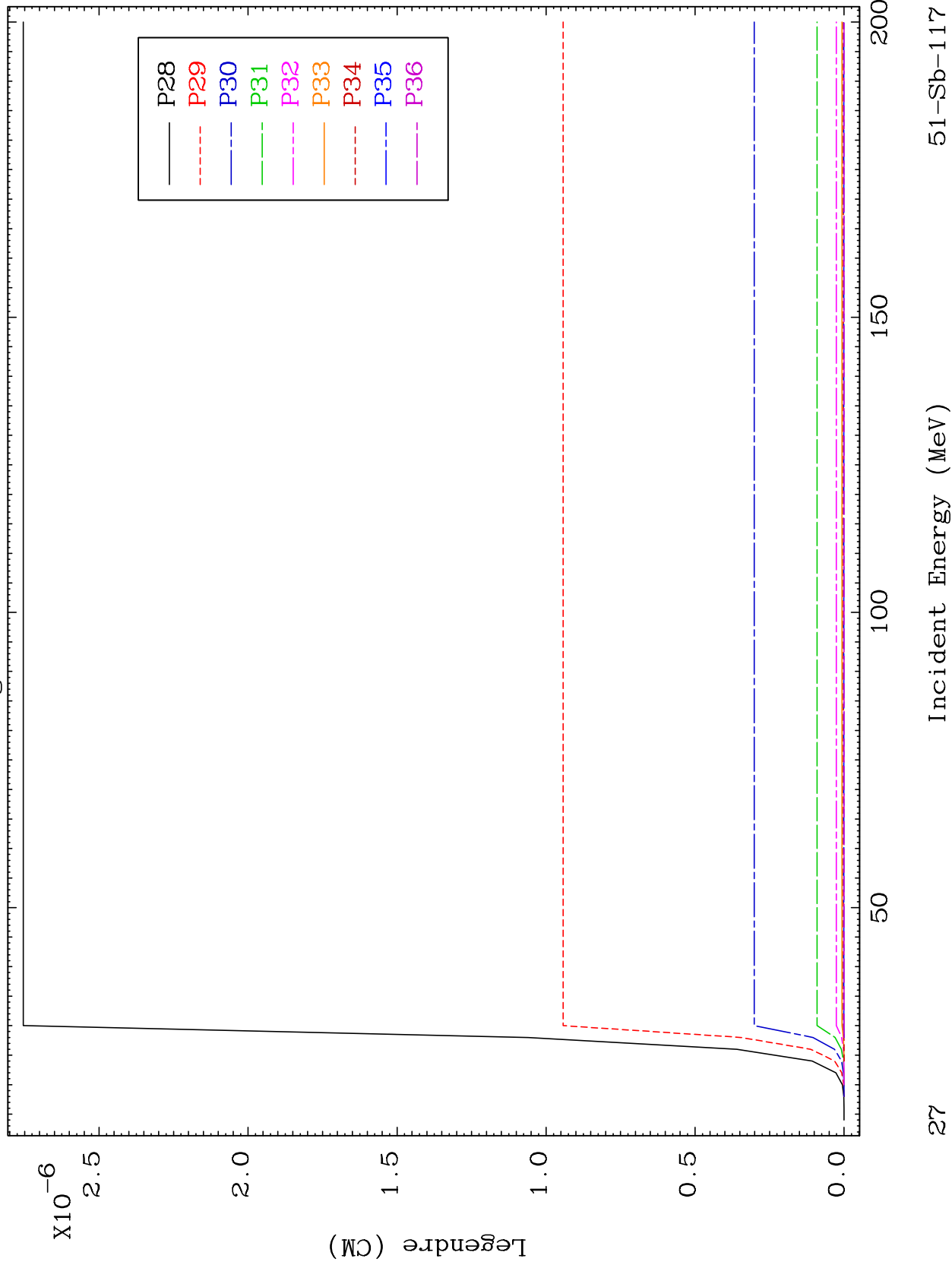
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117

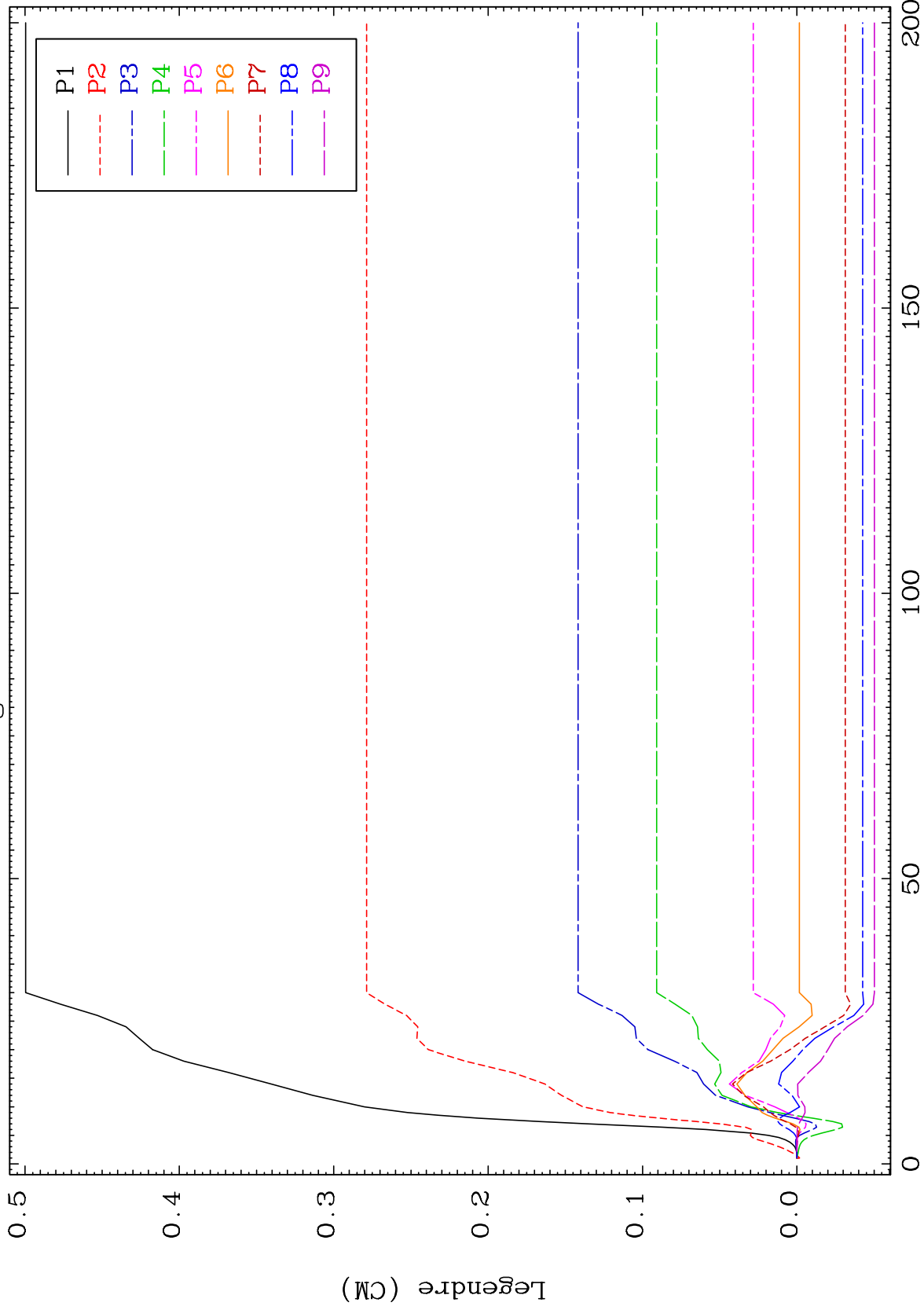


MAT 5113

MT= 53 (n,n') Level

51-Sb-117

Legendre Coefficients



28

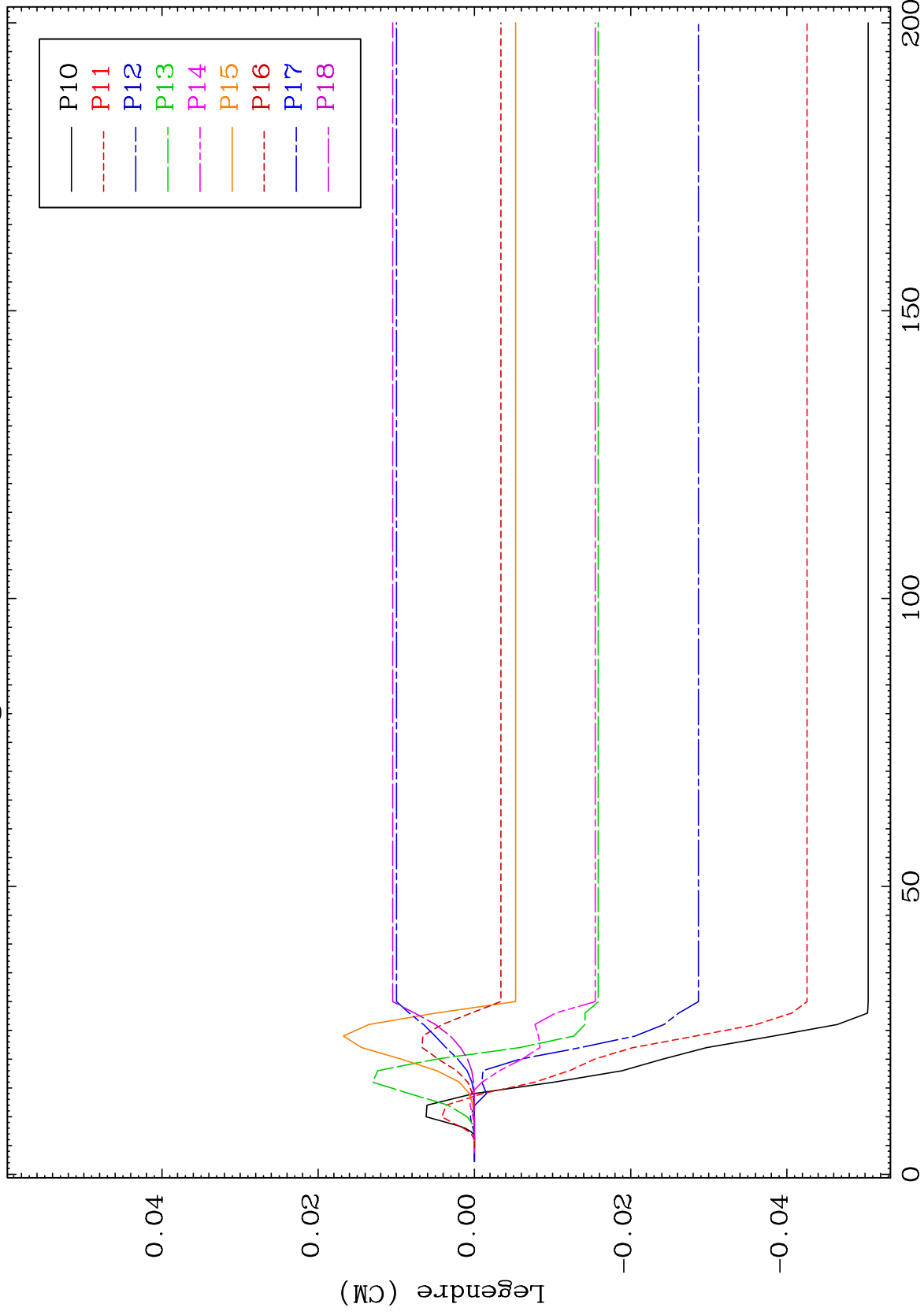
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



29

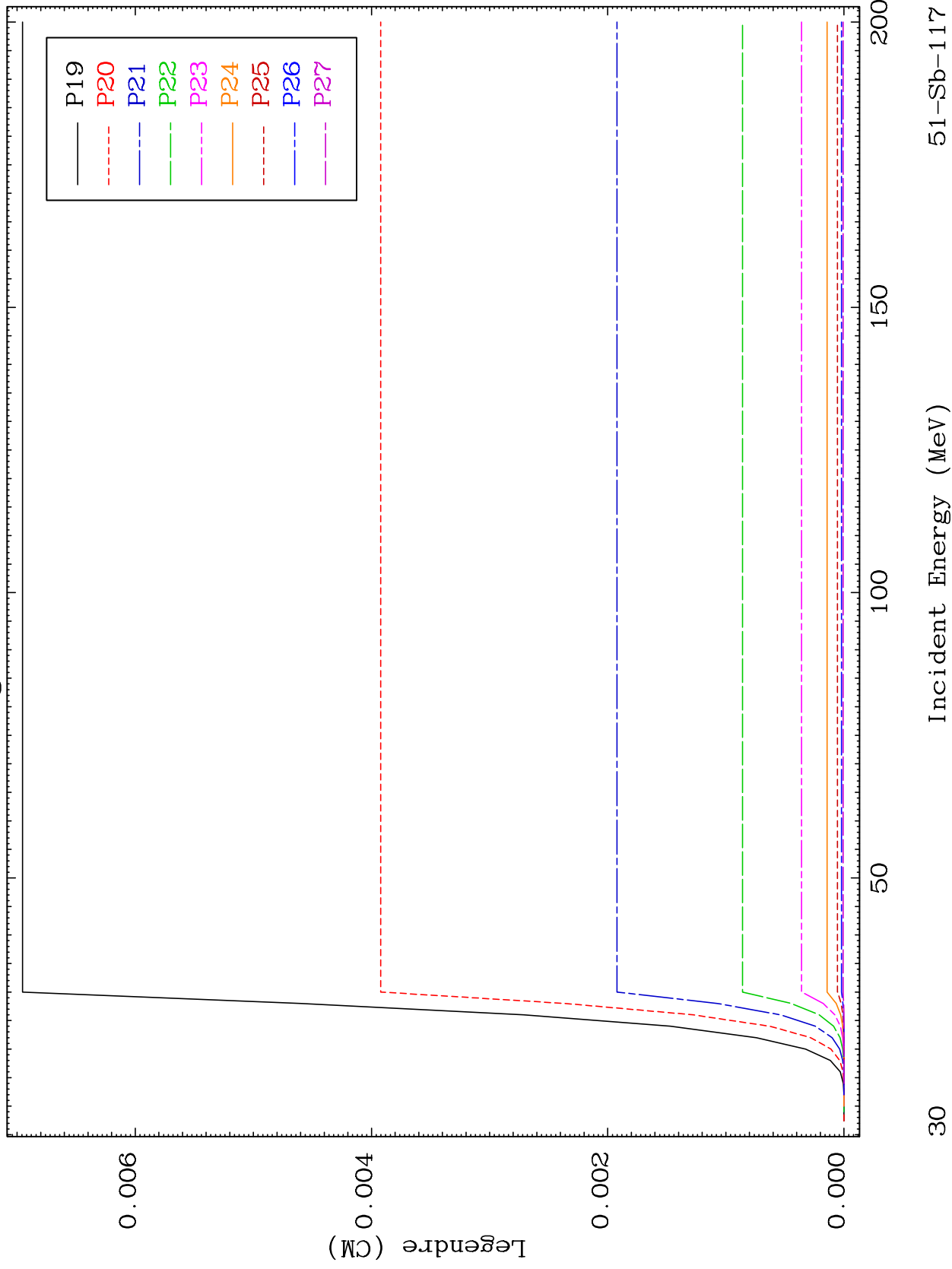
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



51-Sb-117

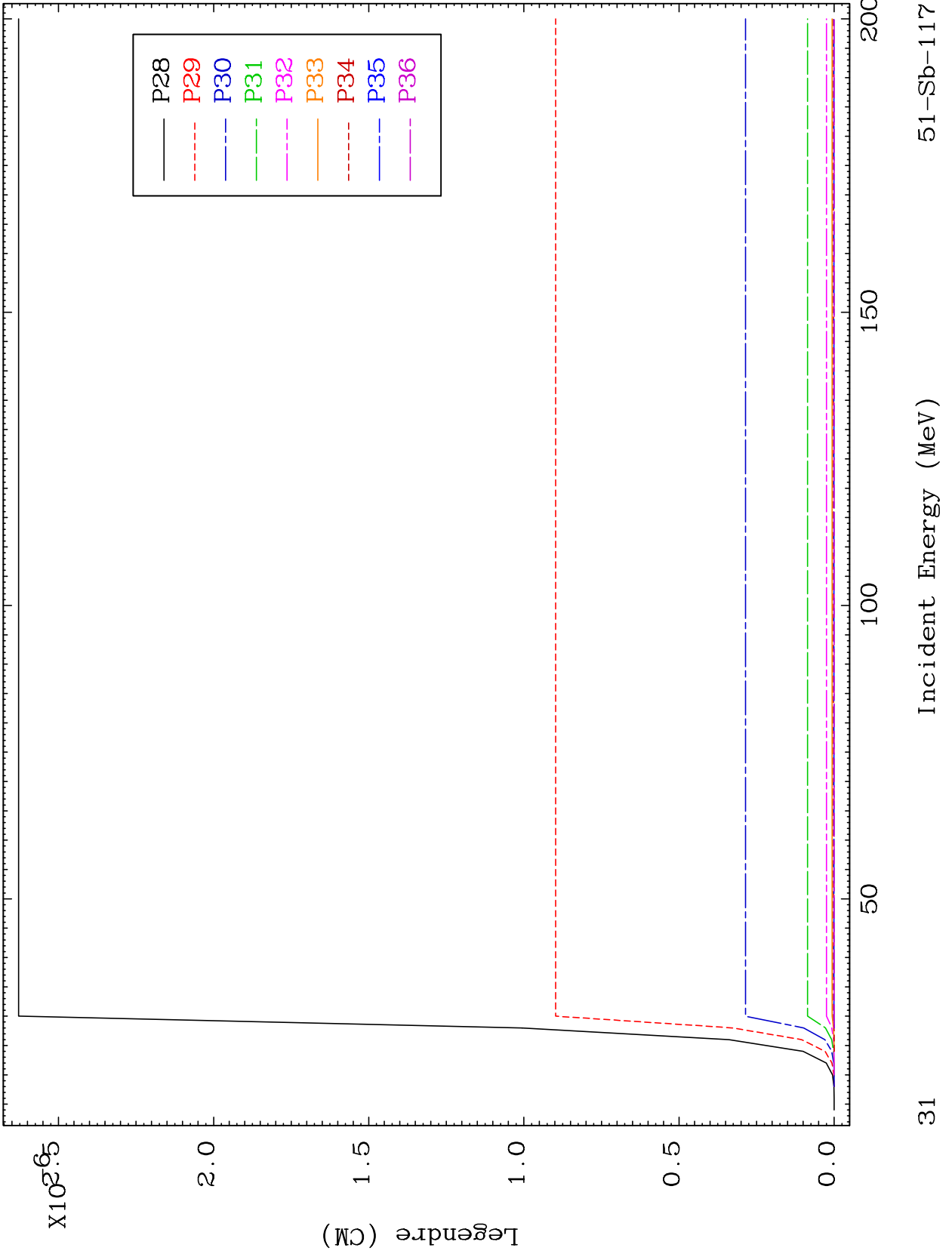
Incident Energy (MeV)

30

MAT 5113

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

51-Sb-117



31

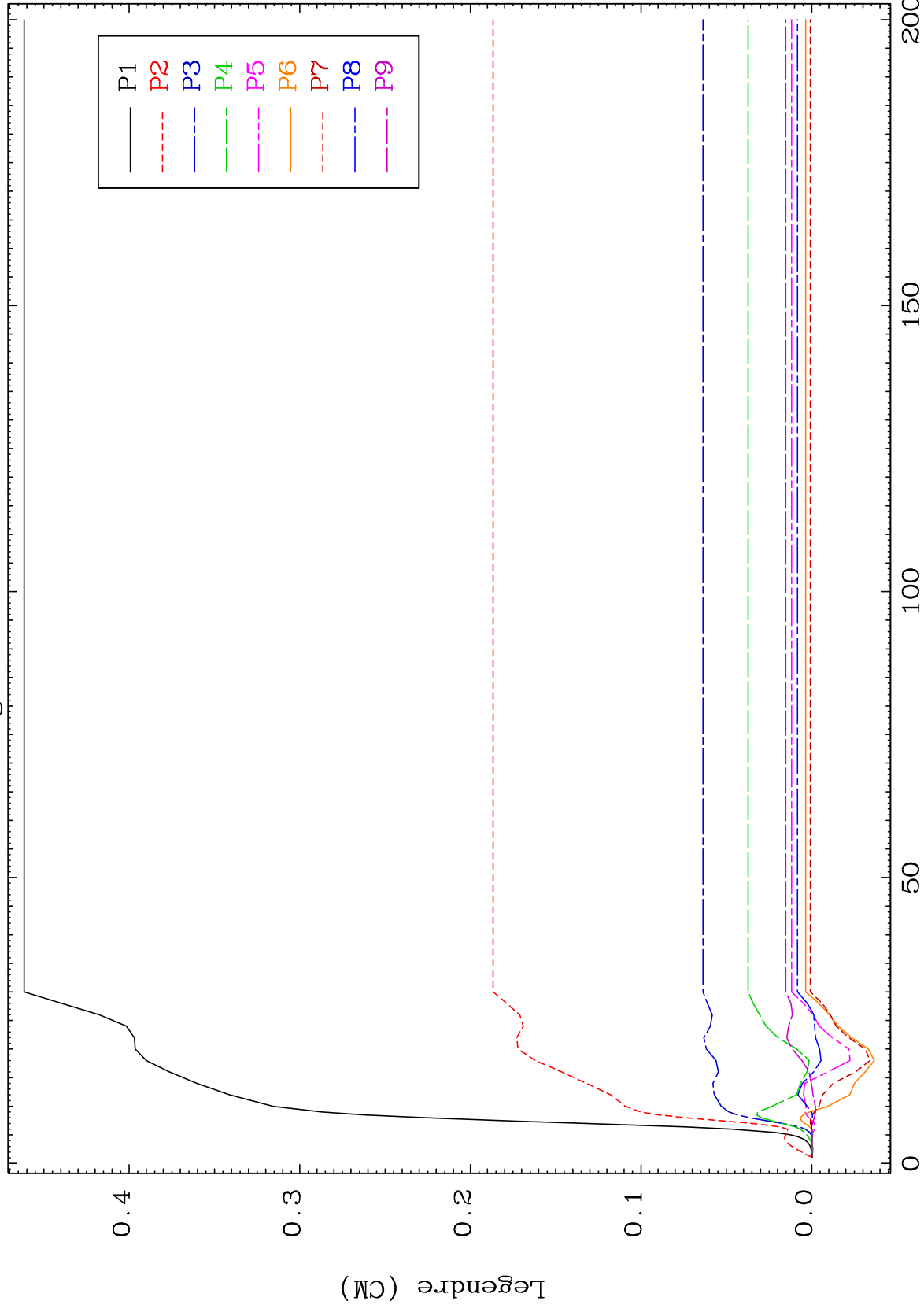
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



32

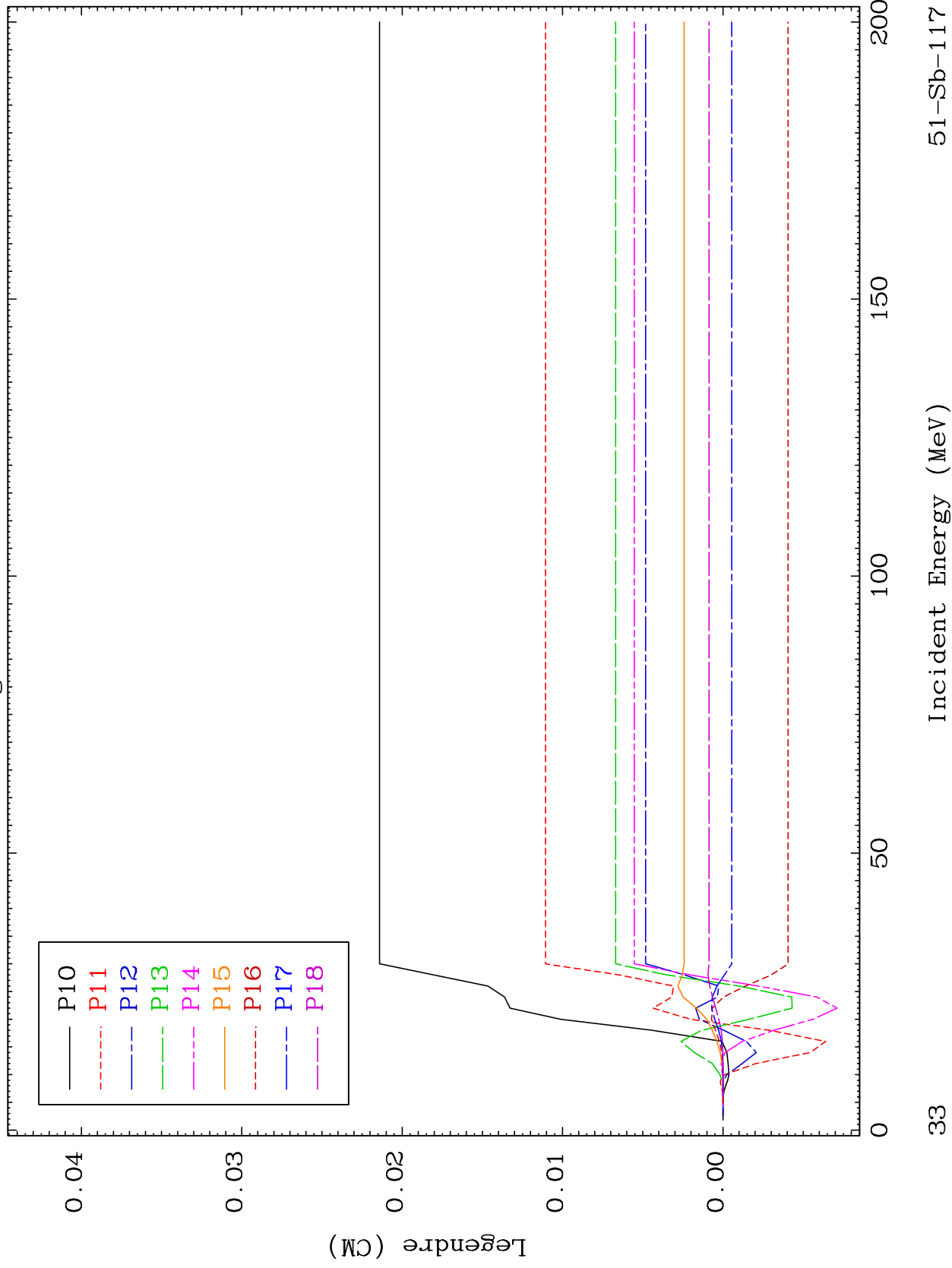
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

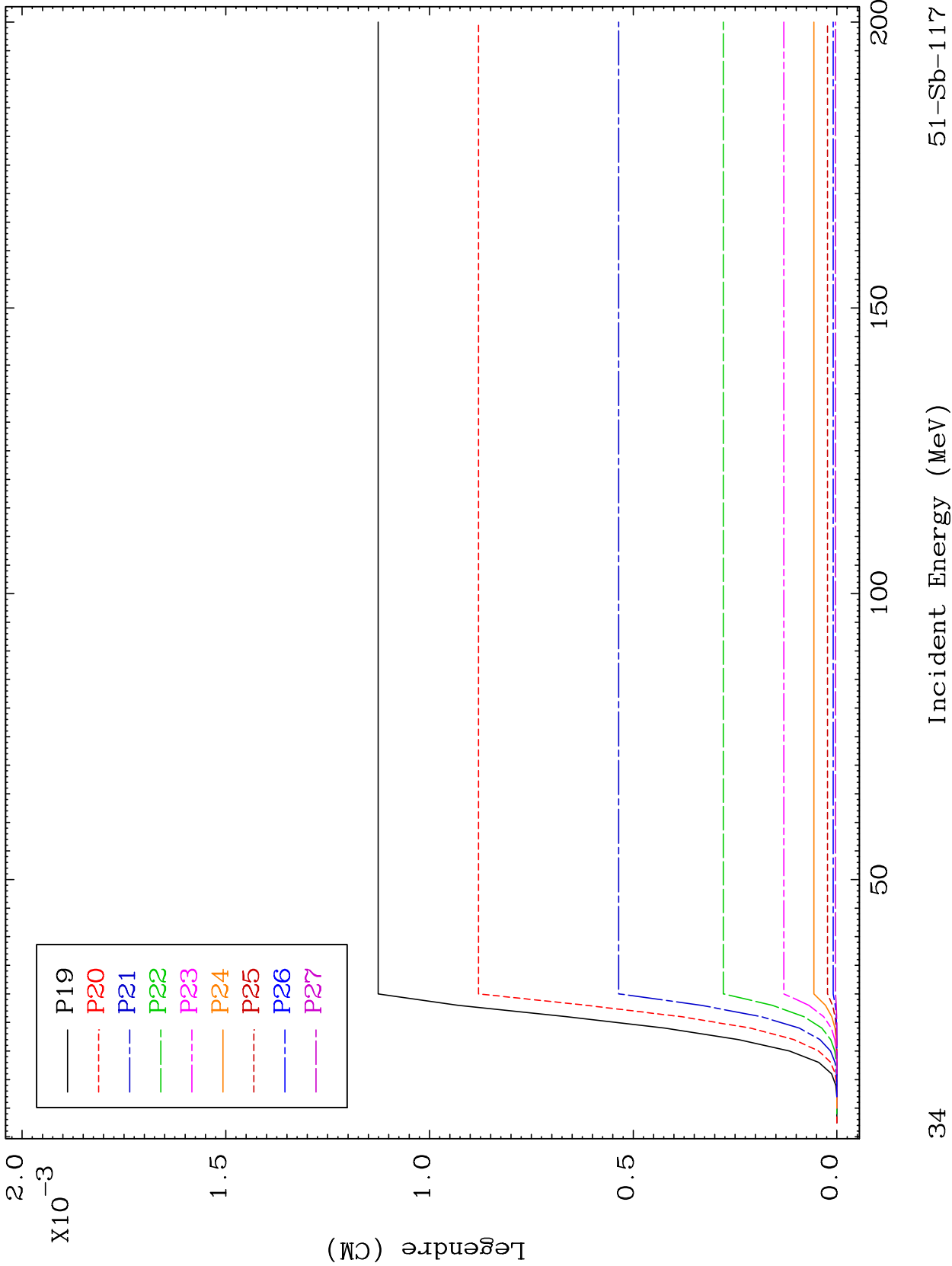
51-Sb-117



33

Incident Energy (MeV)

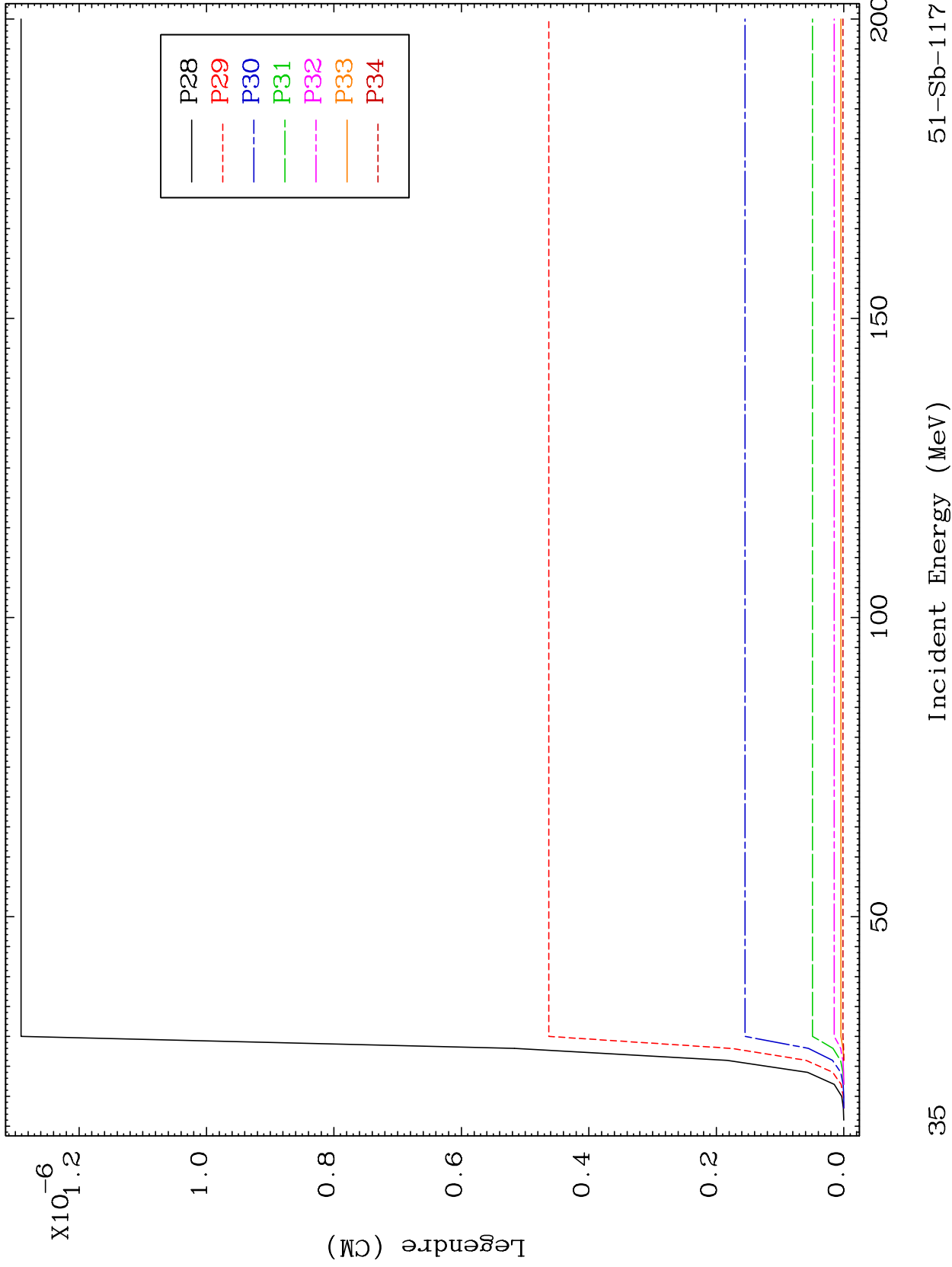
51-Sb-117



MAT 5113

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

51-Sb-117



35

Incident Energy (MeV)

51-Sb-117

200

150

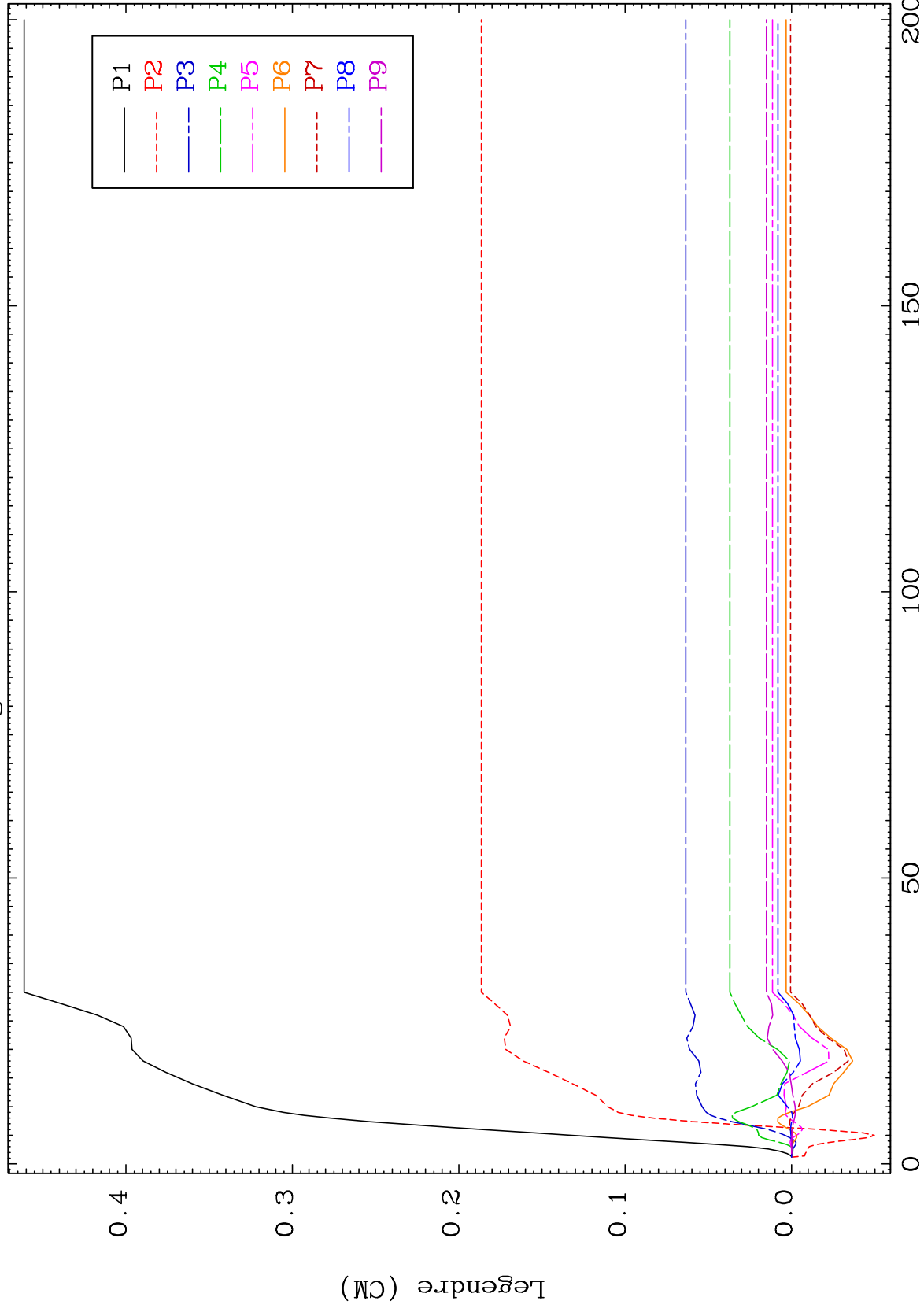
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50

MAT 5113

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

51-Sb-117



51-Sb-117

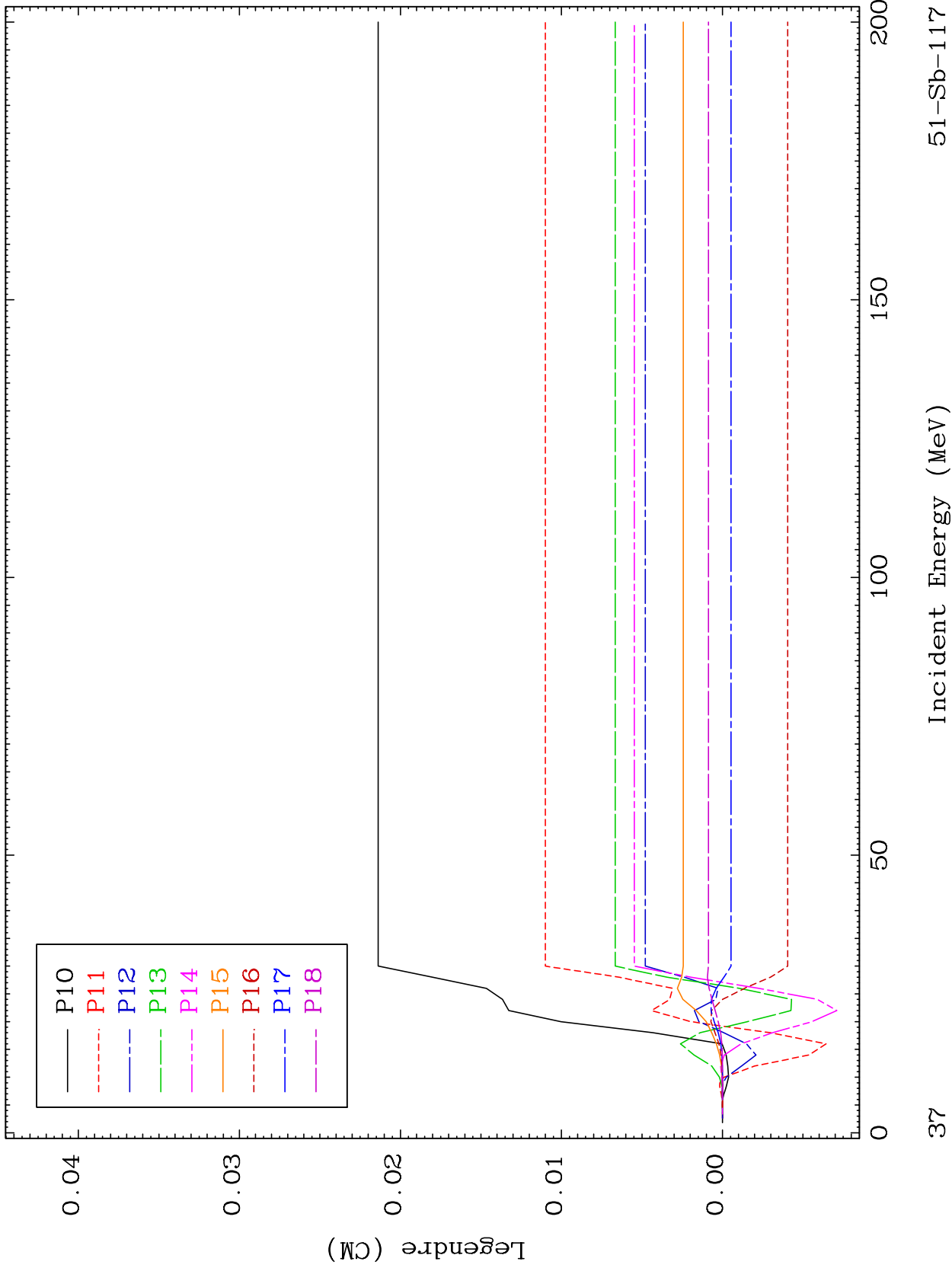
Incident Energy (MeV)

36

MAT 5113

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

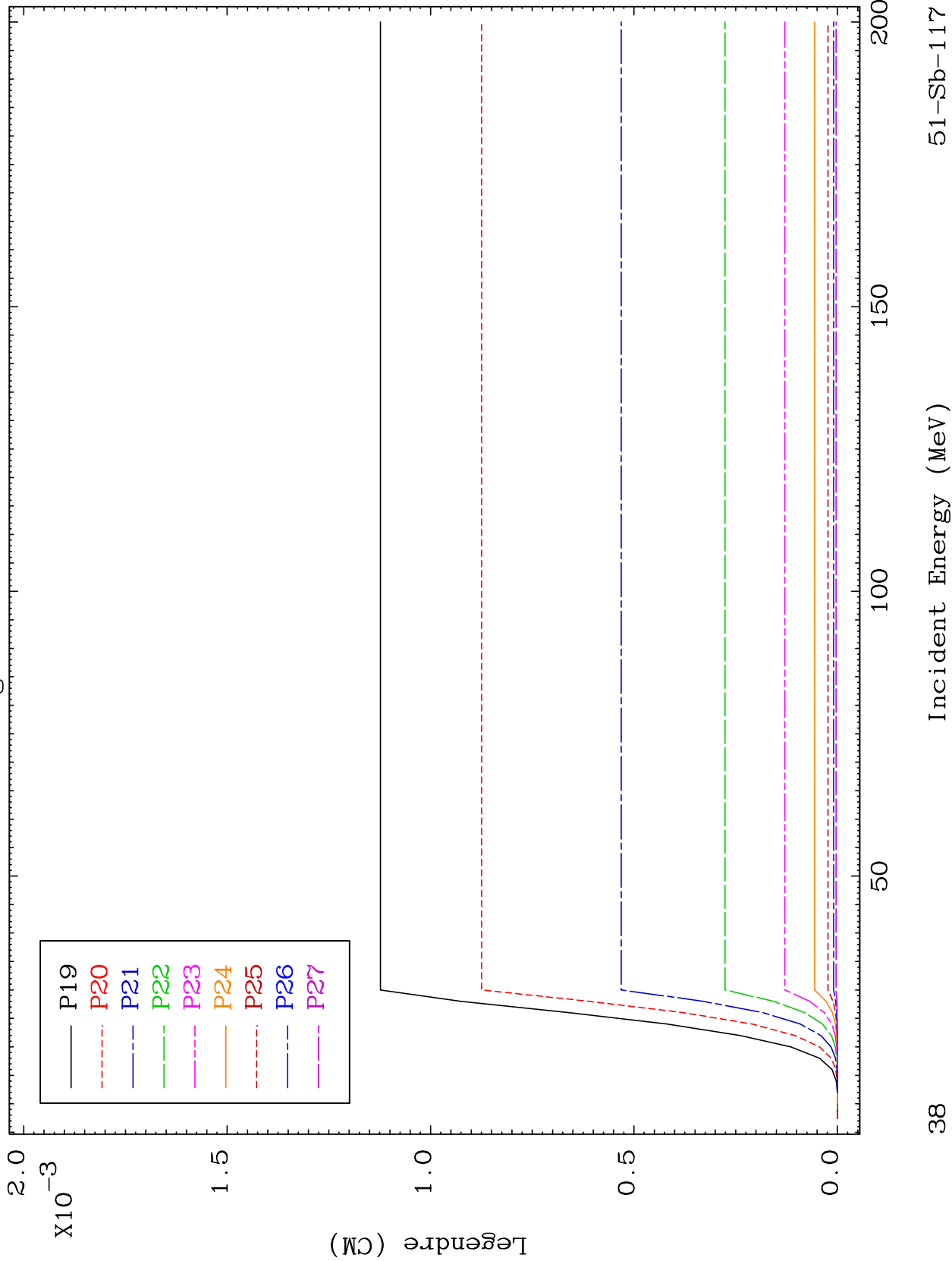
51-Sb-117



51-Sb-117

Incident Energy (MeV)

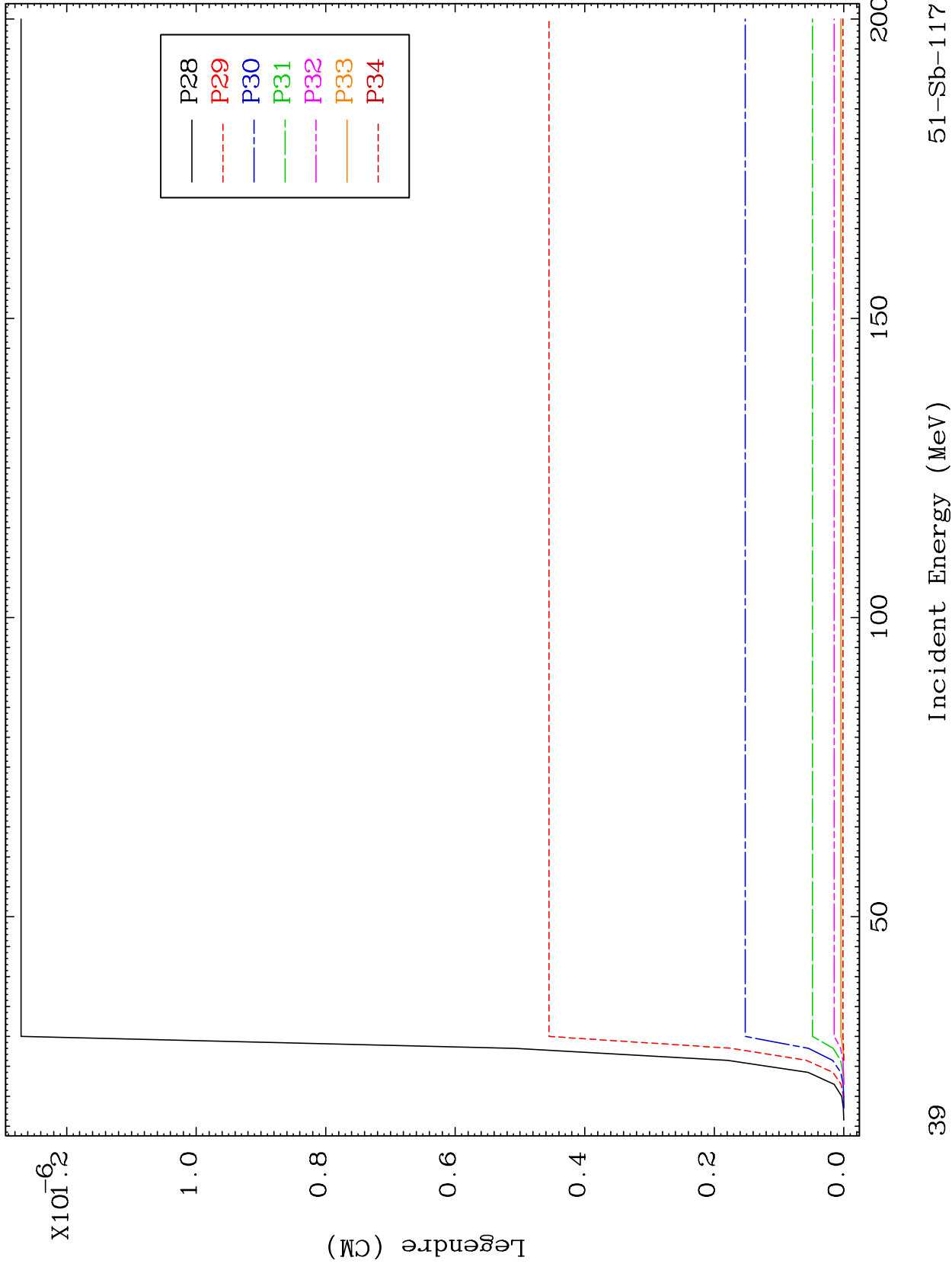
37



MAT 5113

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

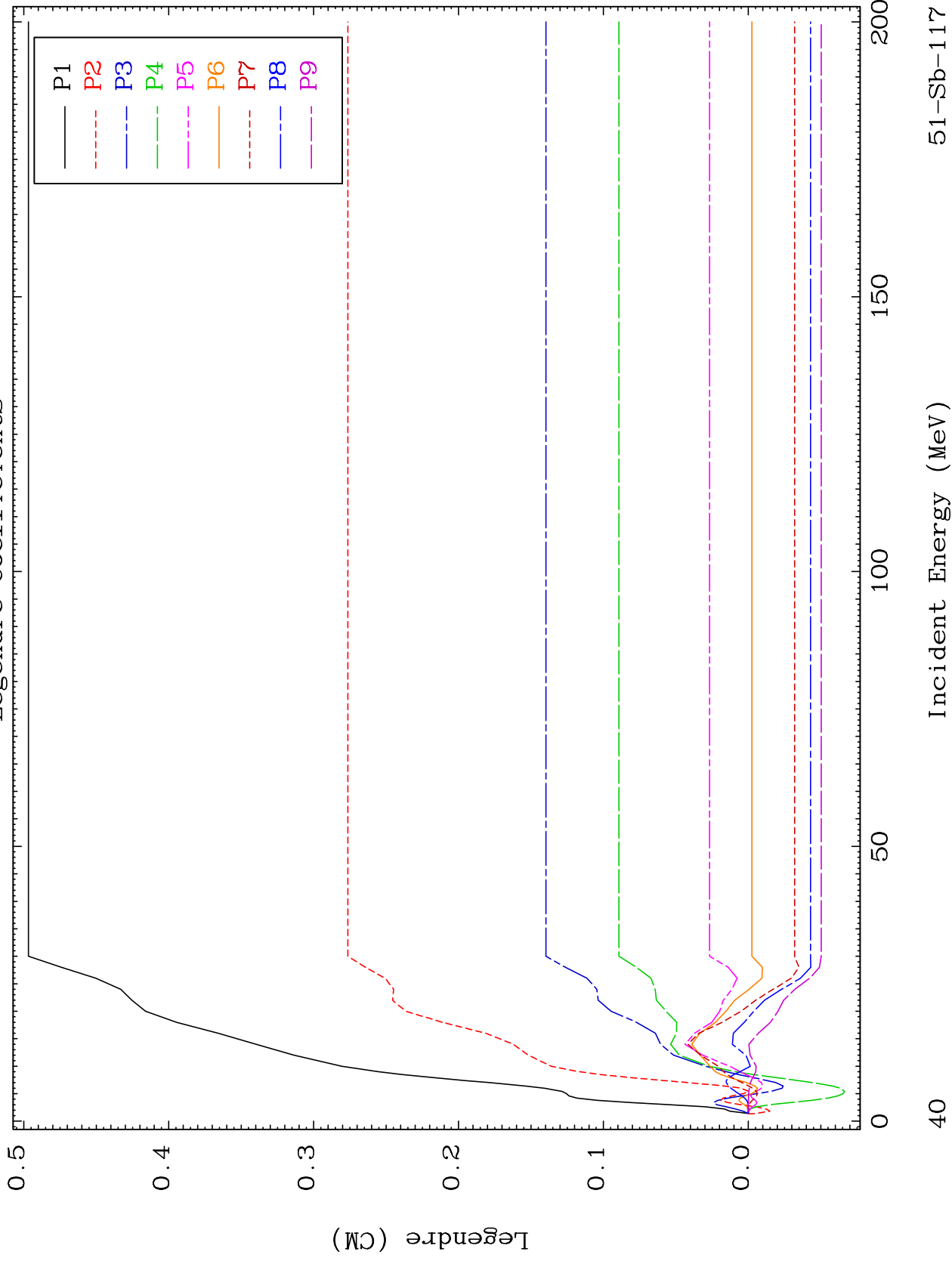
51-Sb-117



MAT 5113

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

51-Sb-117



51-Sb-117

Incident Energy (MeV)

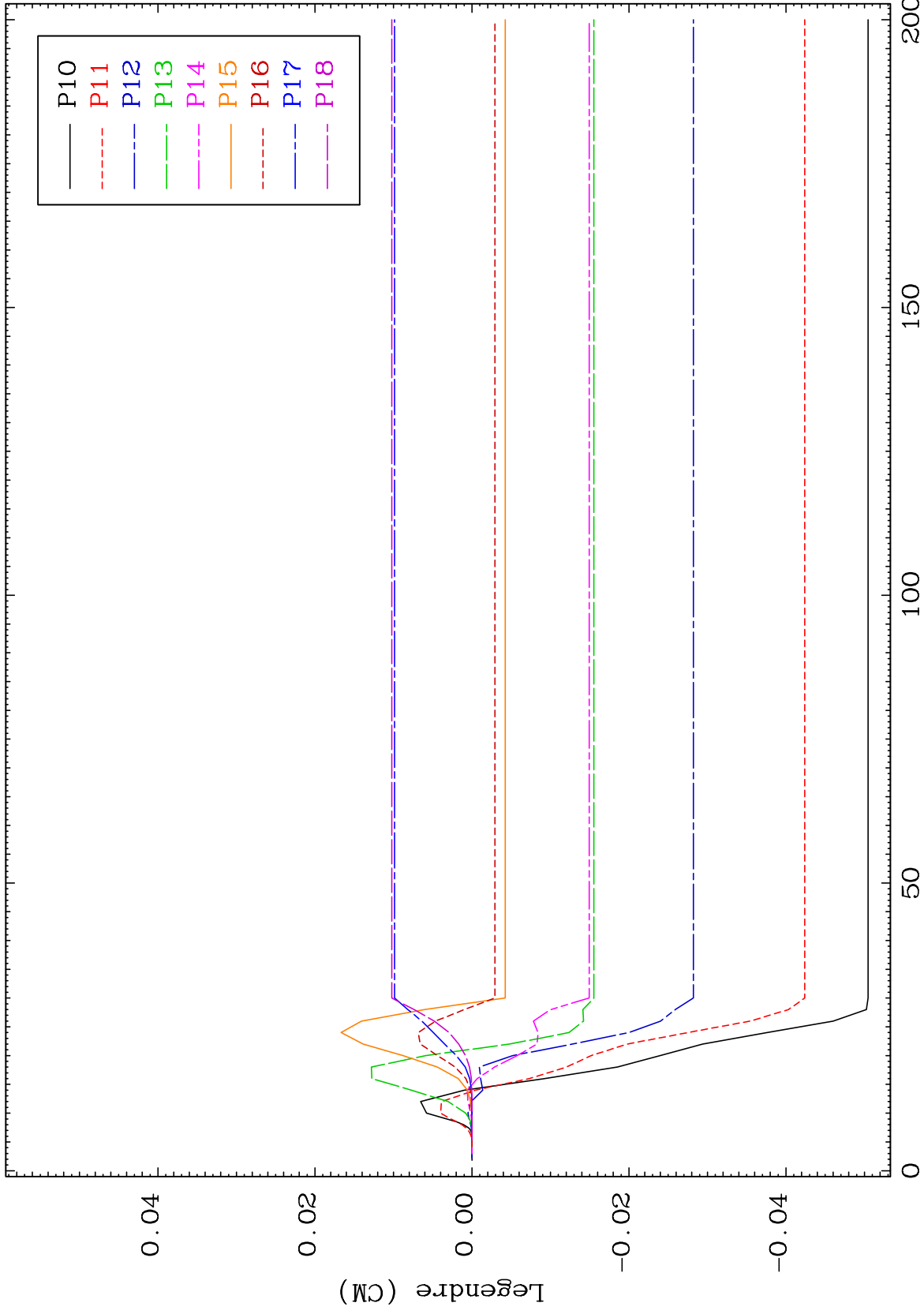
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200

MAT 5113

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

51-Sb-117



41

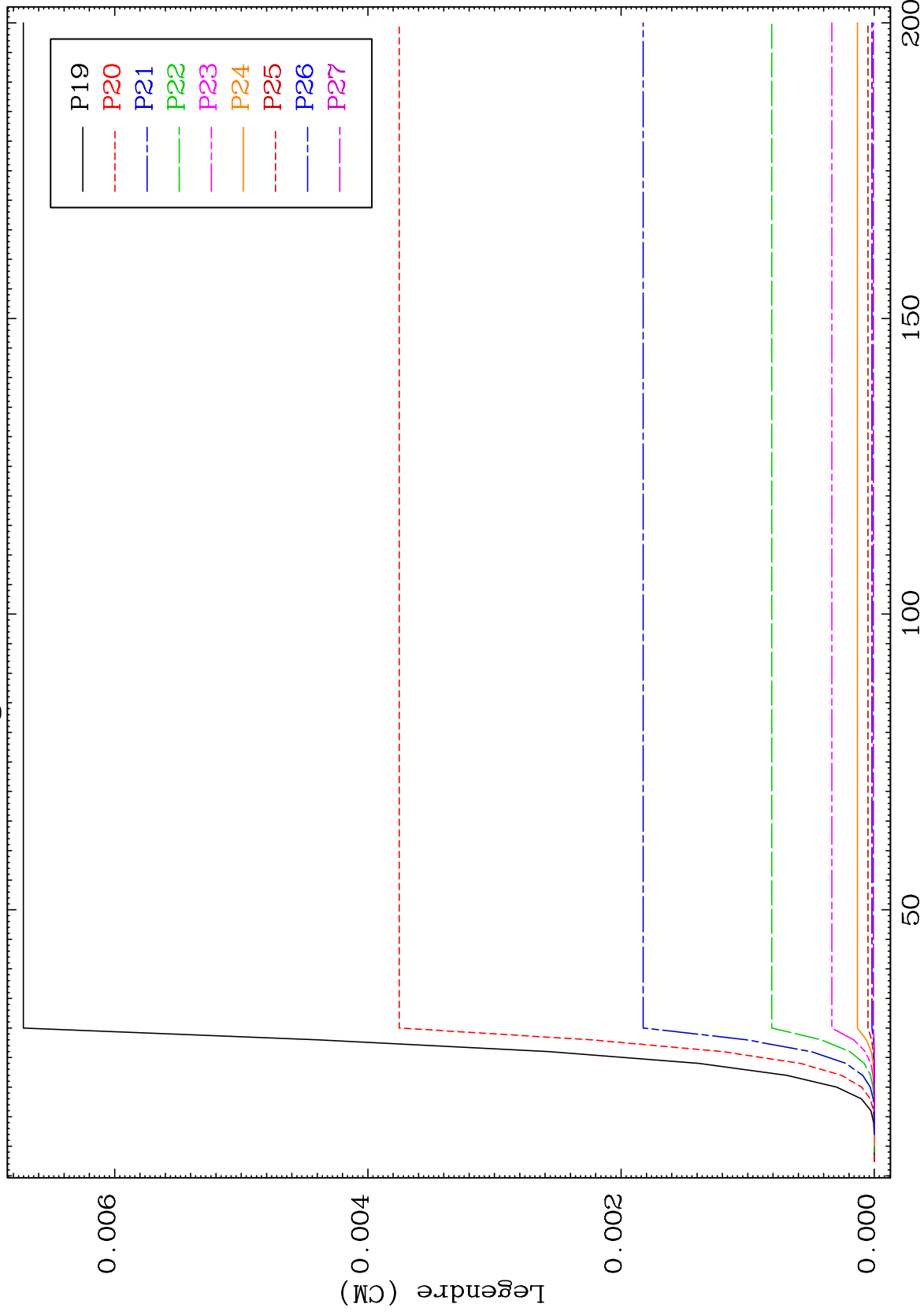
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



42

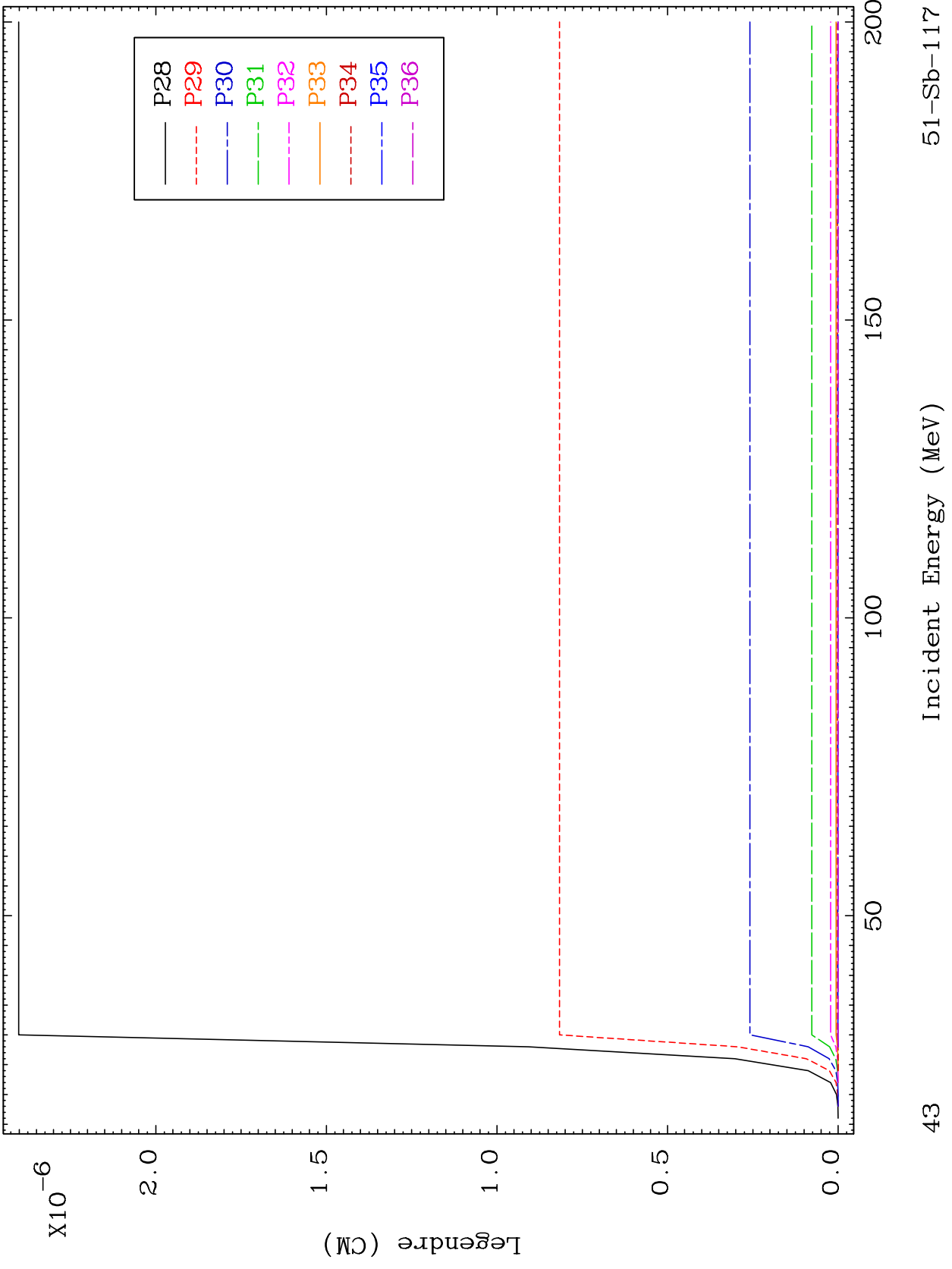
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

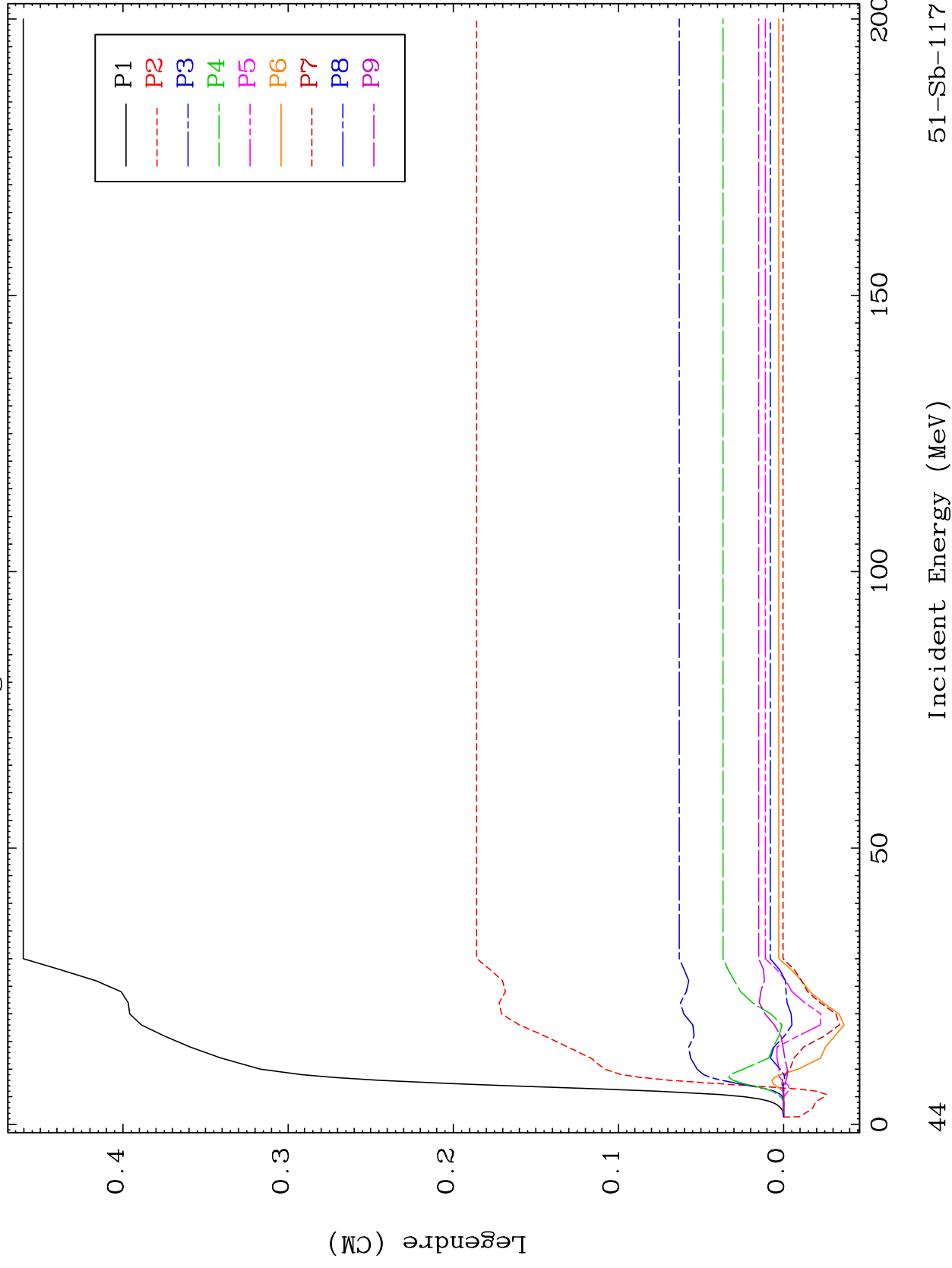
51-Sb-117



MAT 5113

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

51-Sb-117



51-Sb-117

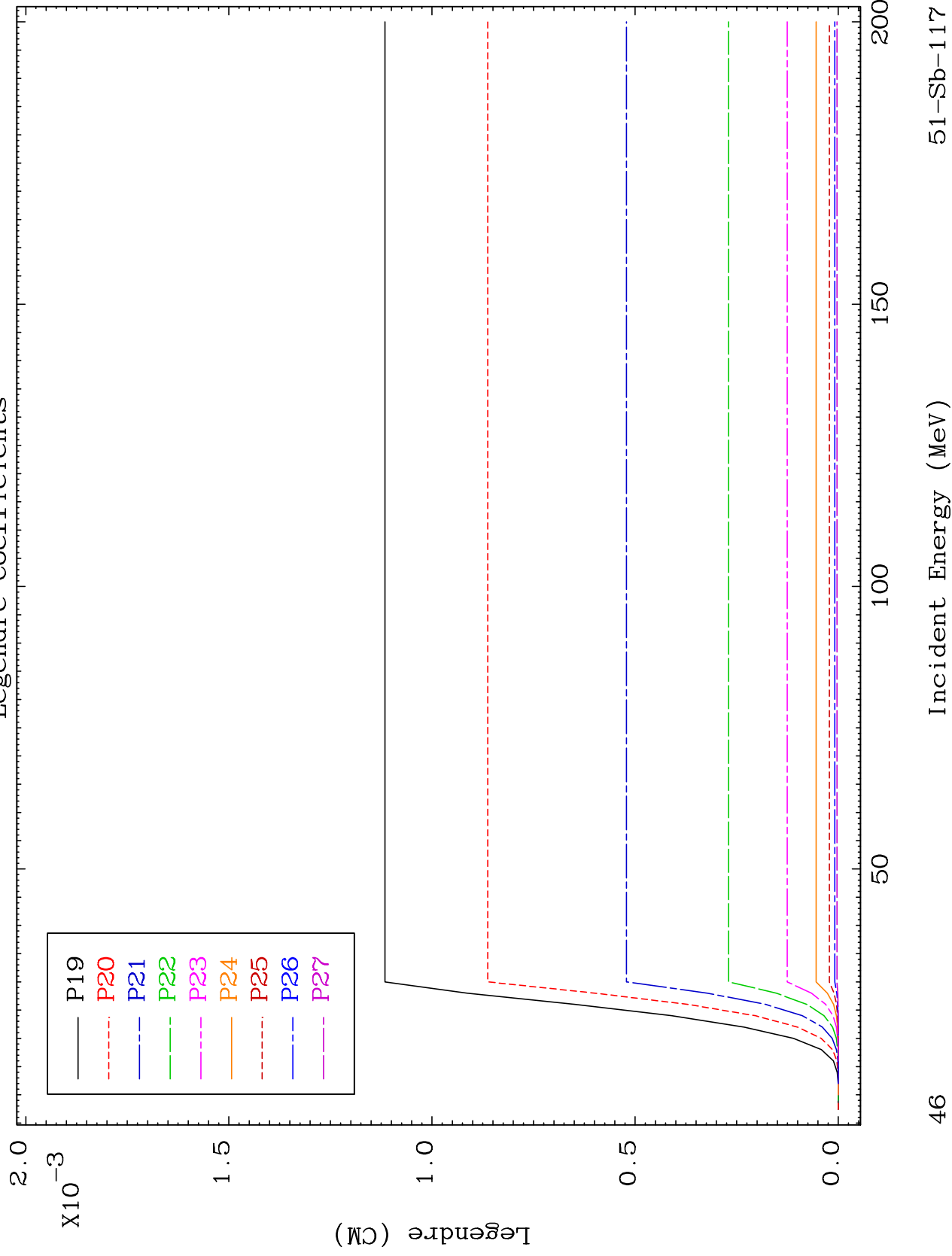
Incident Energy (MeV)

44

MAT 5113

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

51-Sb-117



46

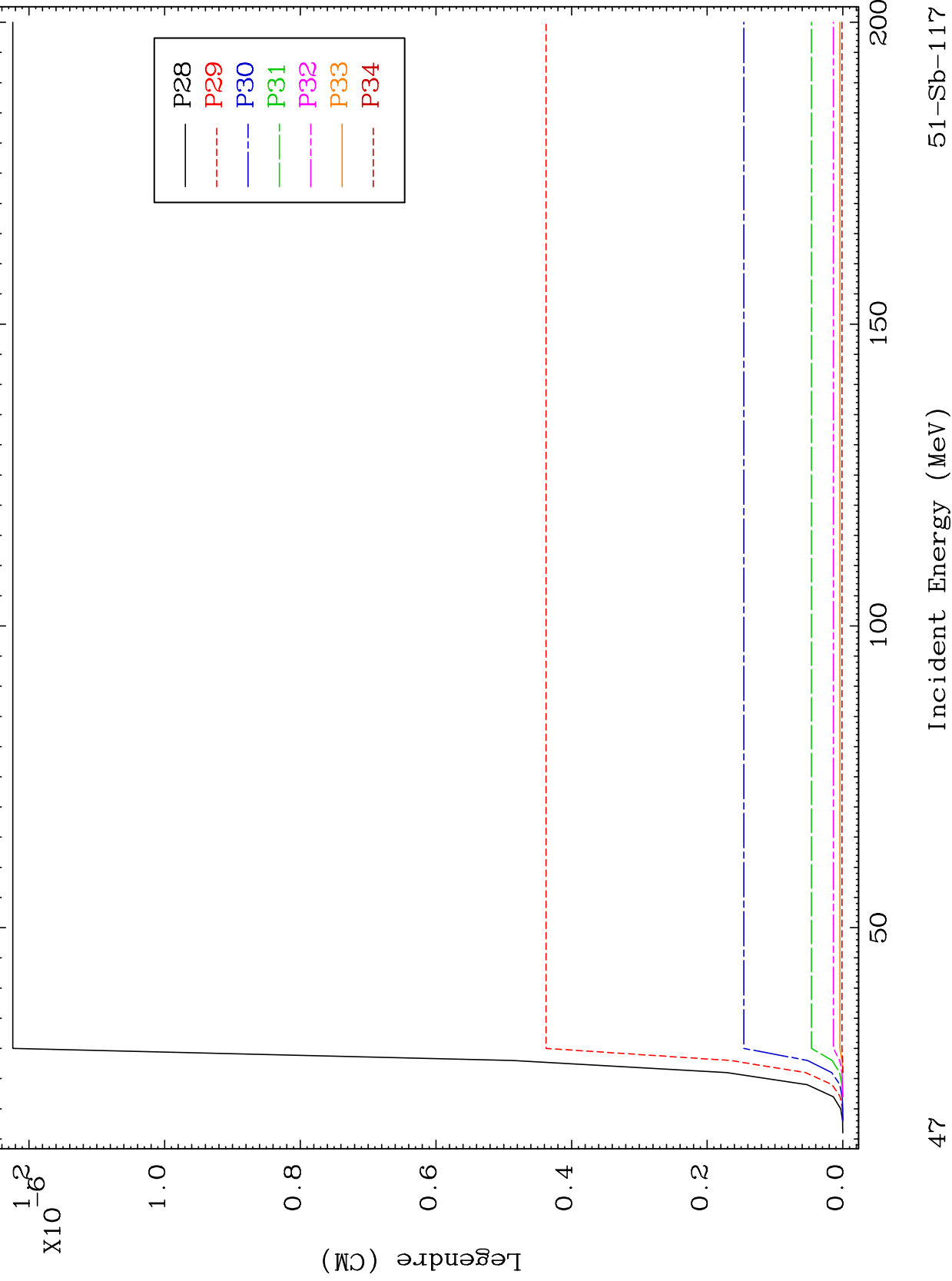
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



47

Incident Energy (MeV)

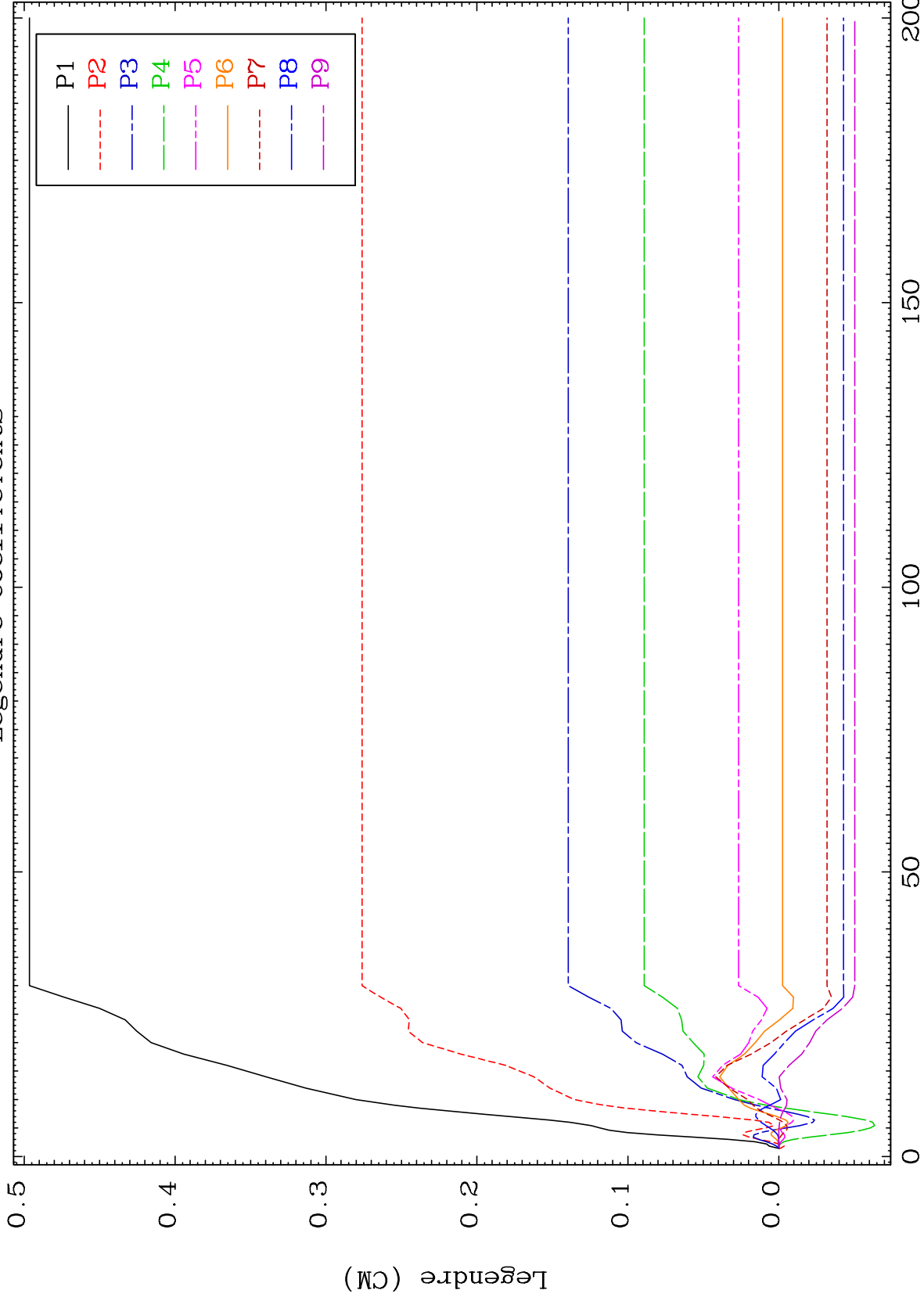
51-Sb-117

MAT 5113

MT= 58 (n,n') Level

51-Sb-117

Legendre Coefficients



48

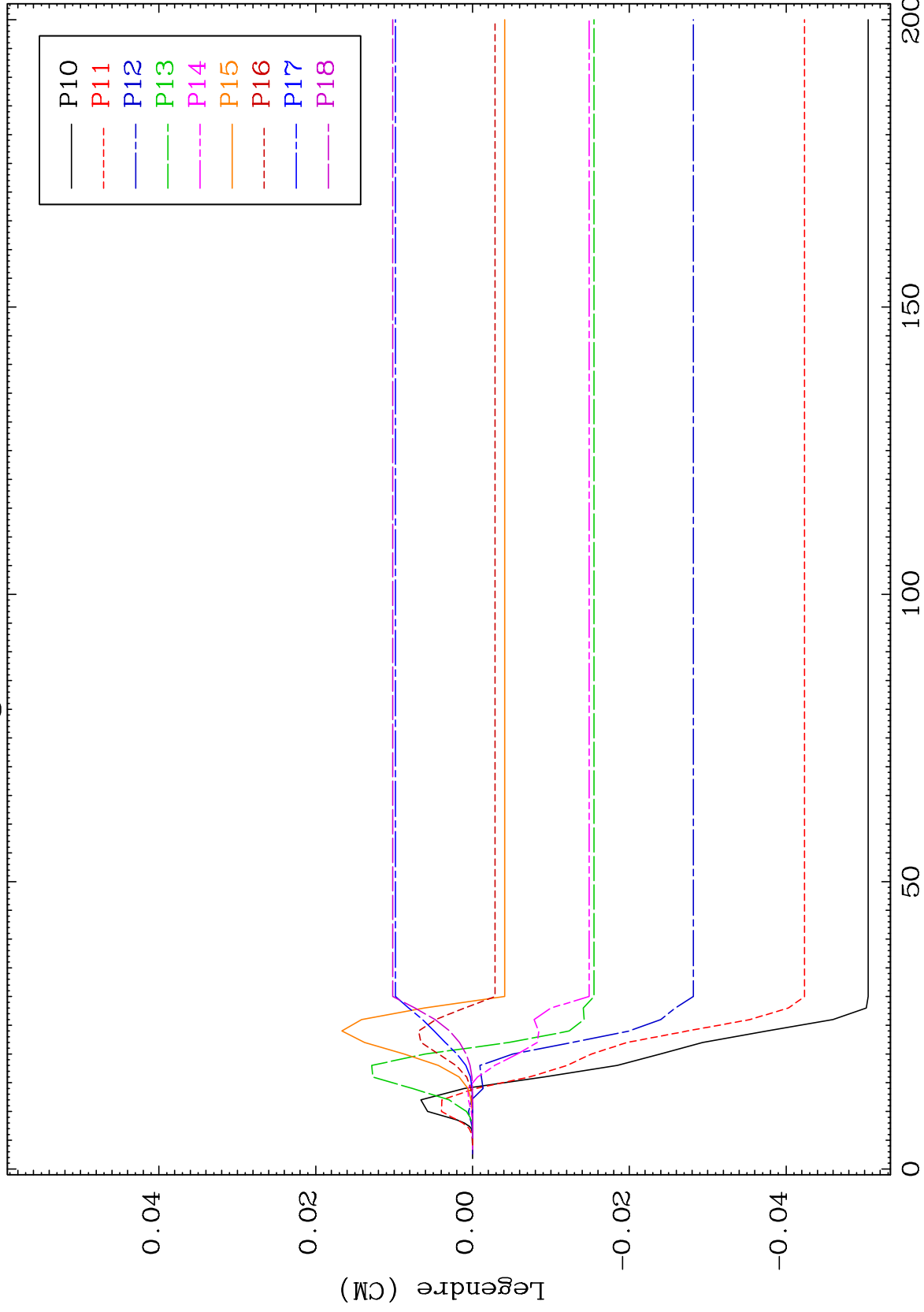
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



49

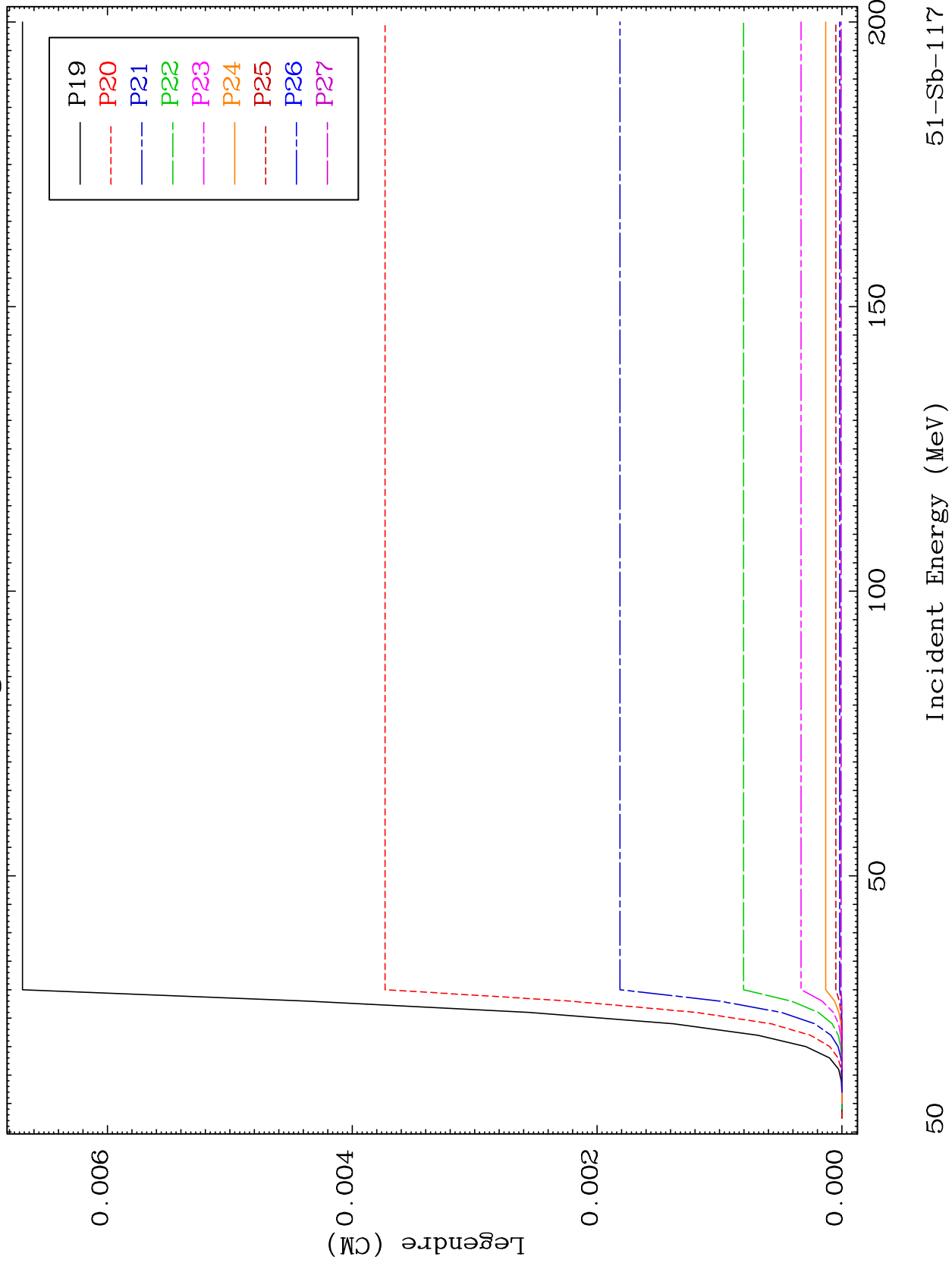
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



51-Sb-117

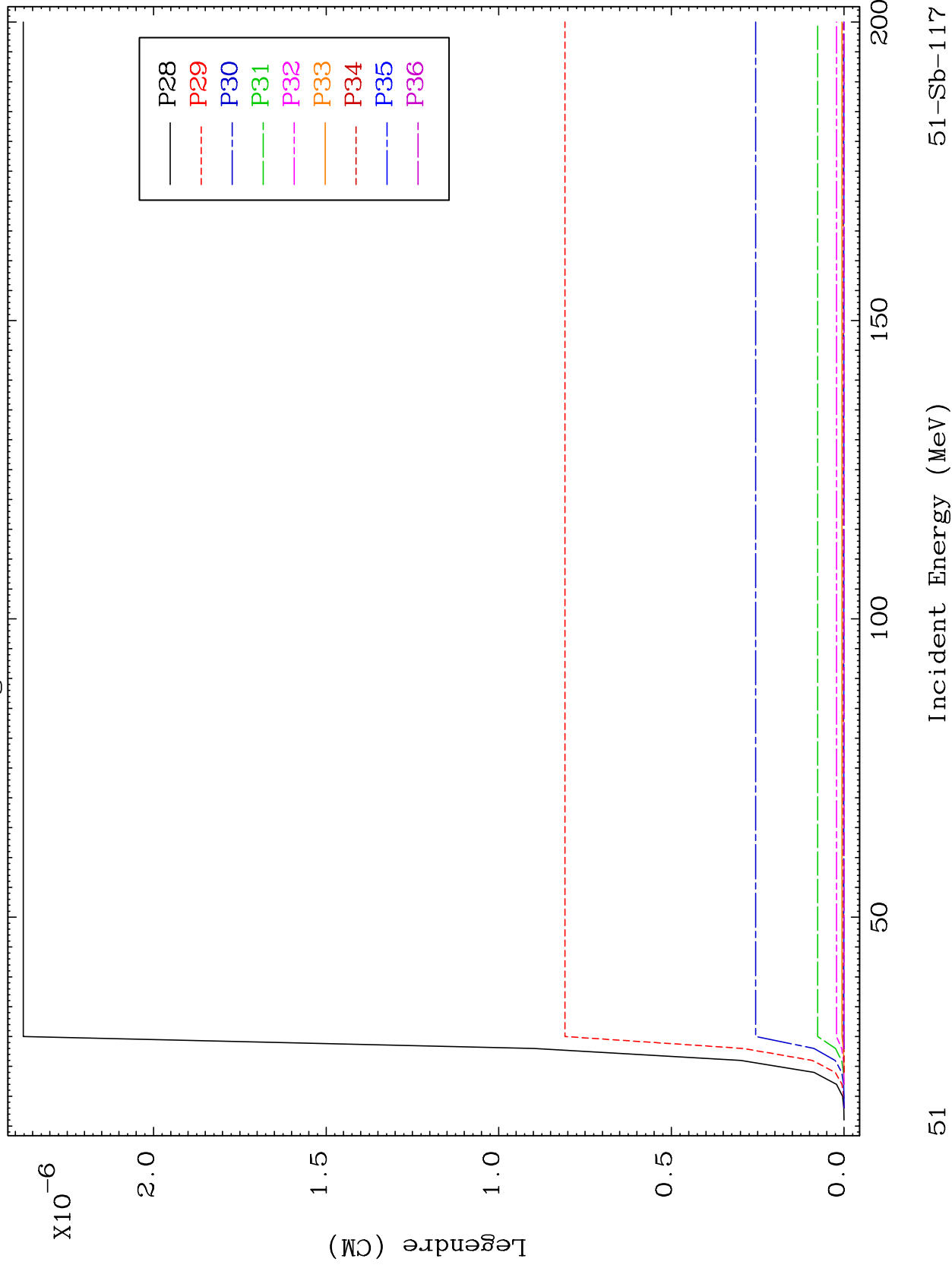
Incident Energy (MeV)

50

MAT 5113

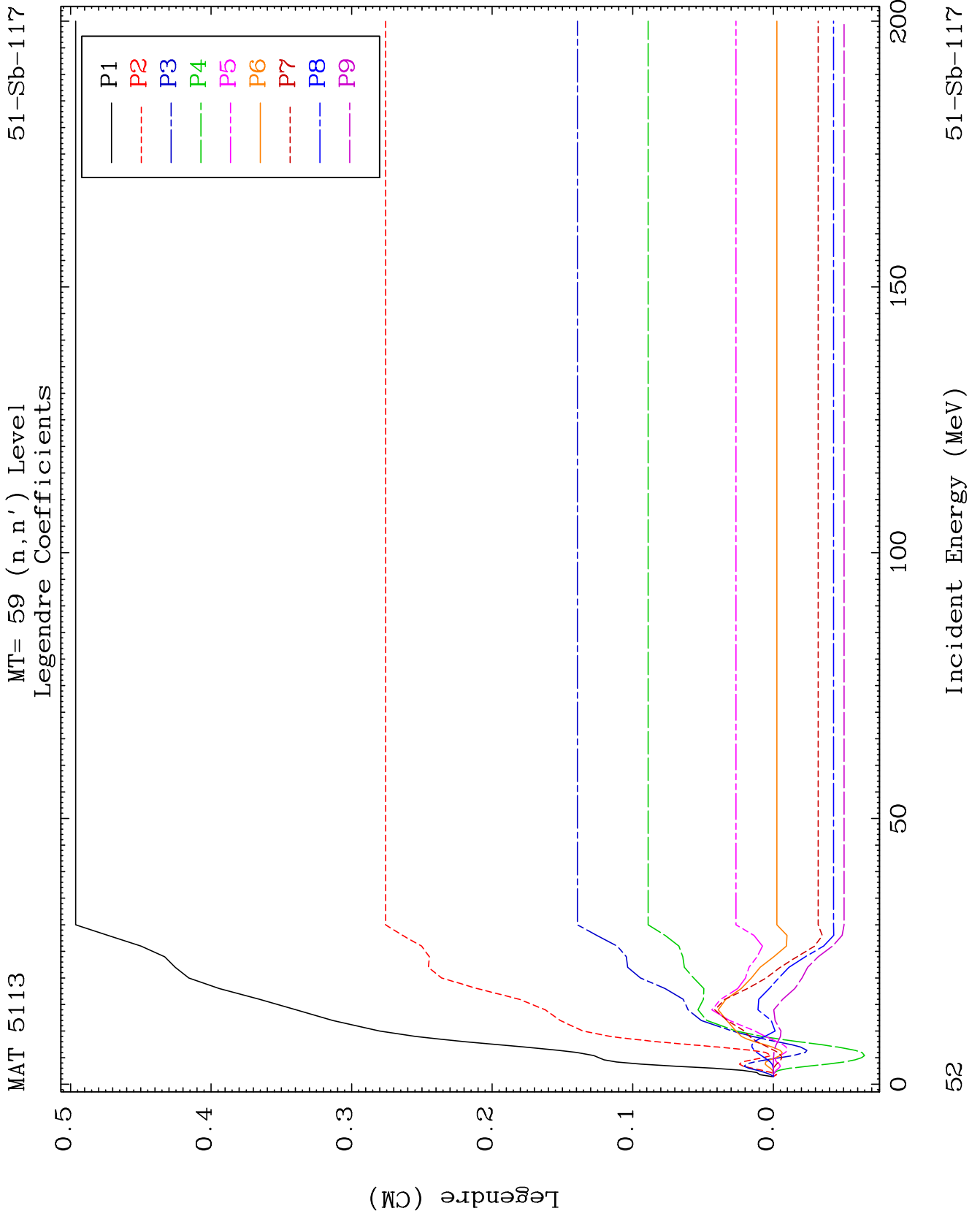
MT= 58 (n,n') Level
Legendre Coefficients

51-Sb-117



51

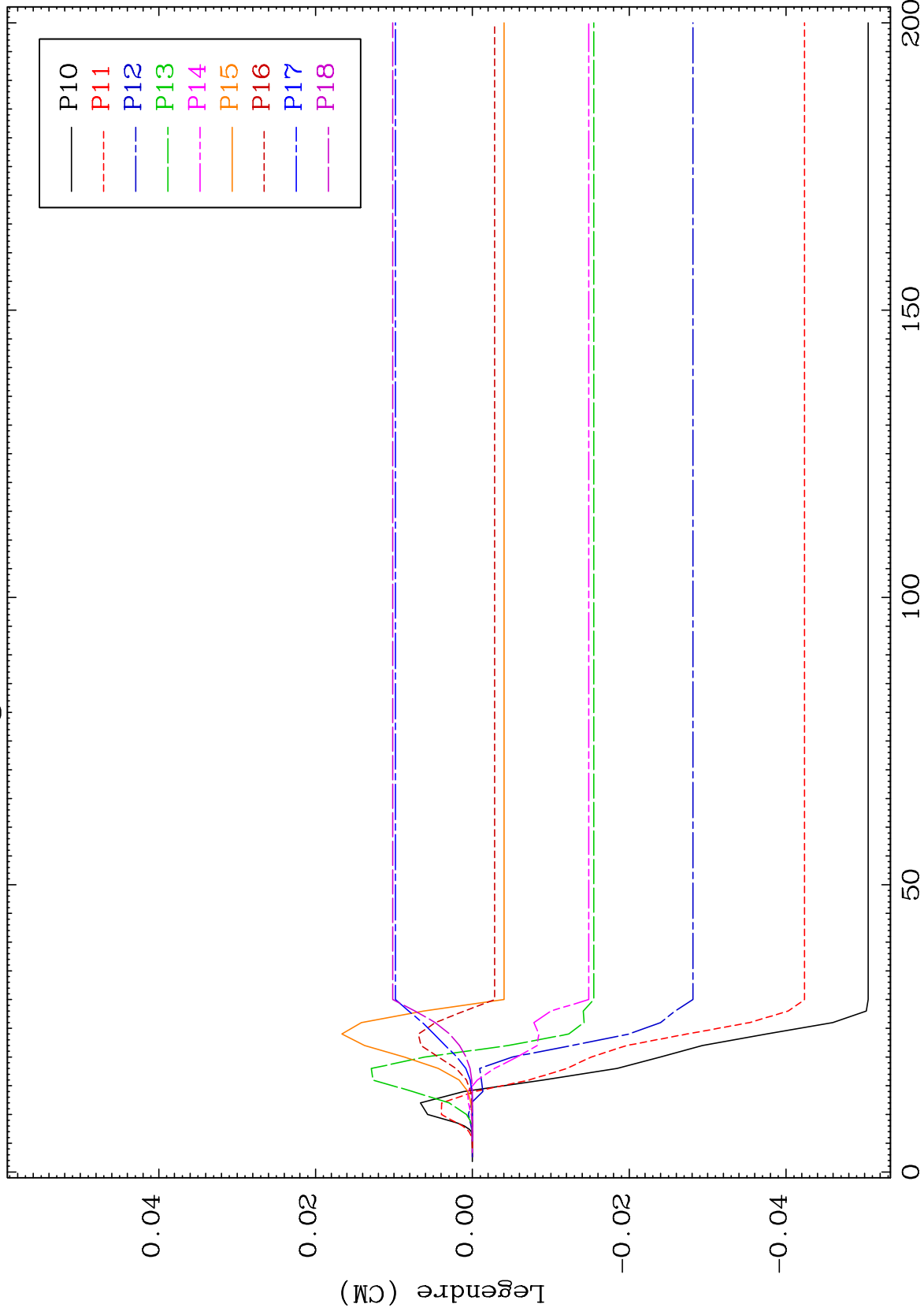
51-Sb-117



MAT 5113

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

51-Sb-117



53

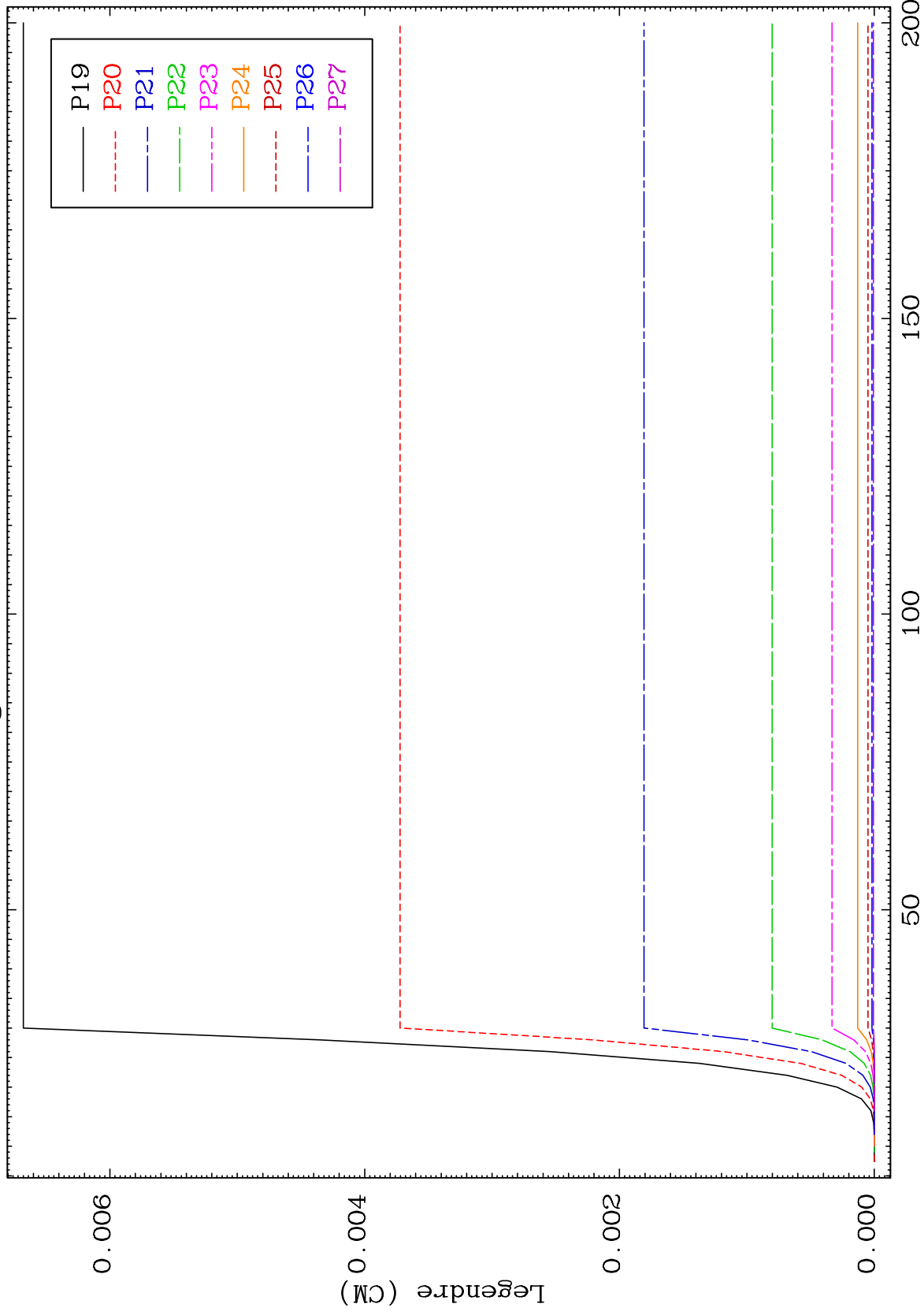
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



54

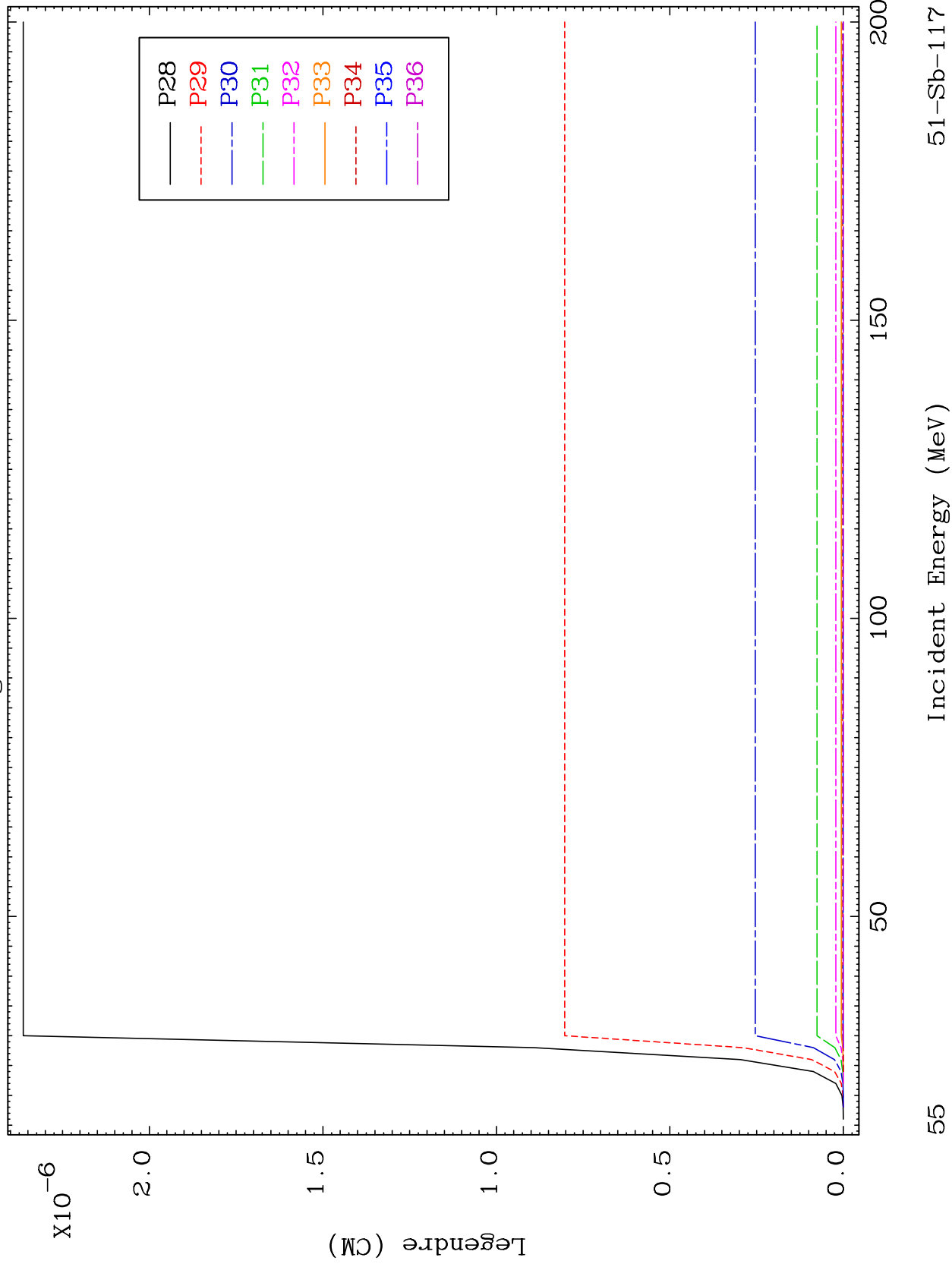
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

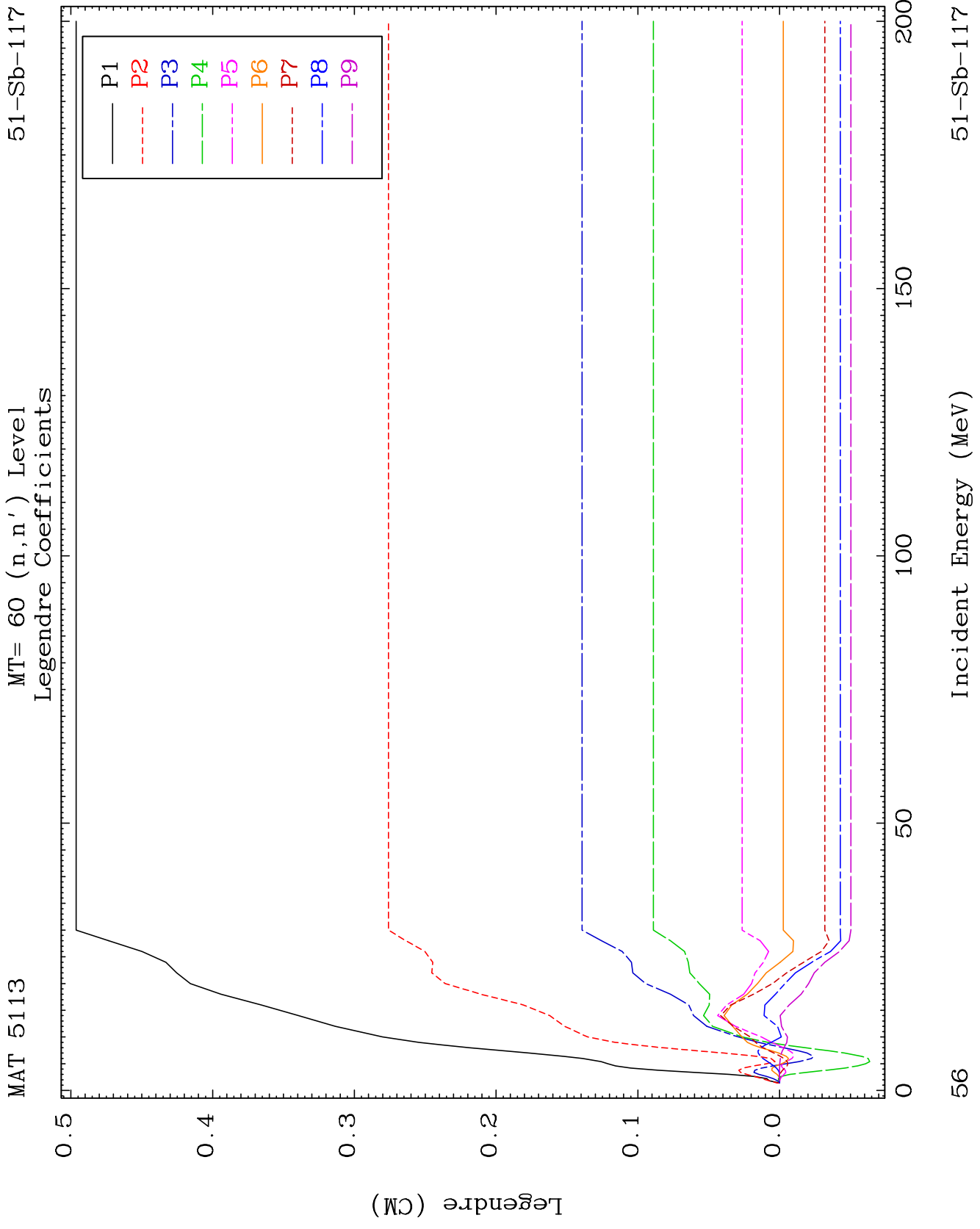
51-Sb-117



55

Incident Energy (MeV)

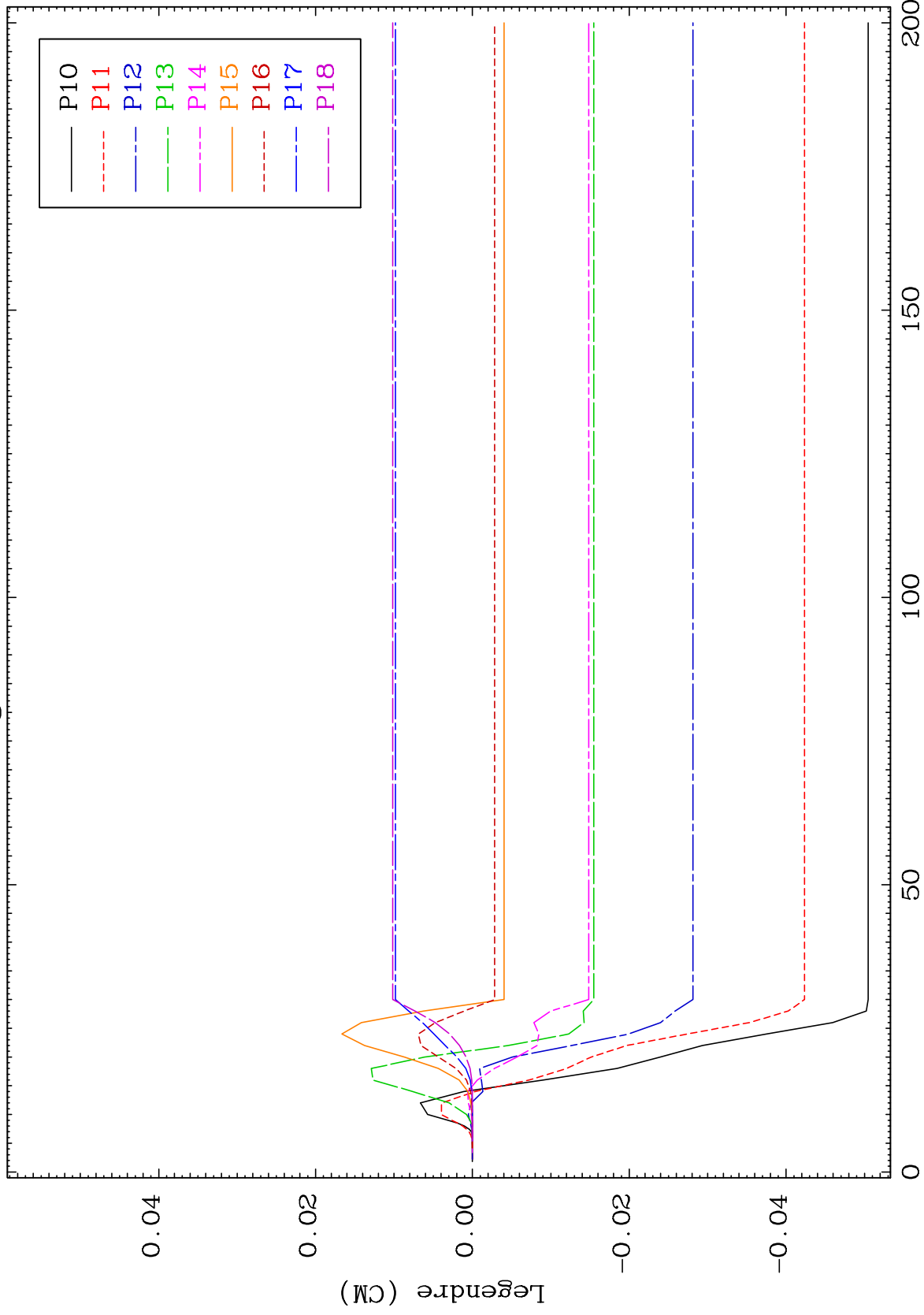
51-Sb-117



MAT 5113

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

51-Sb-117



57

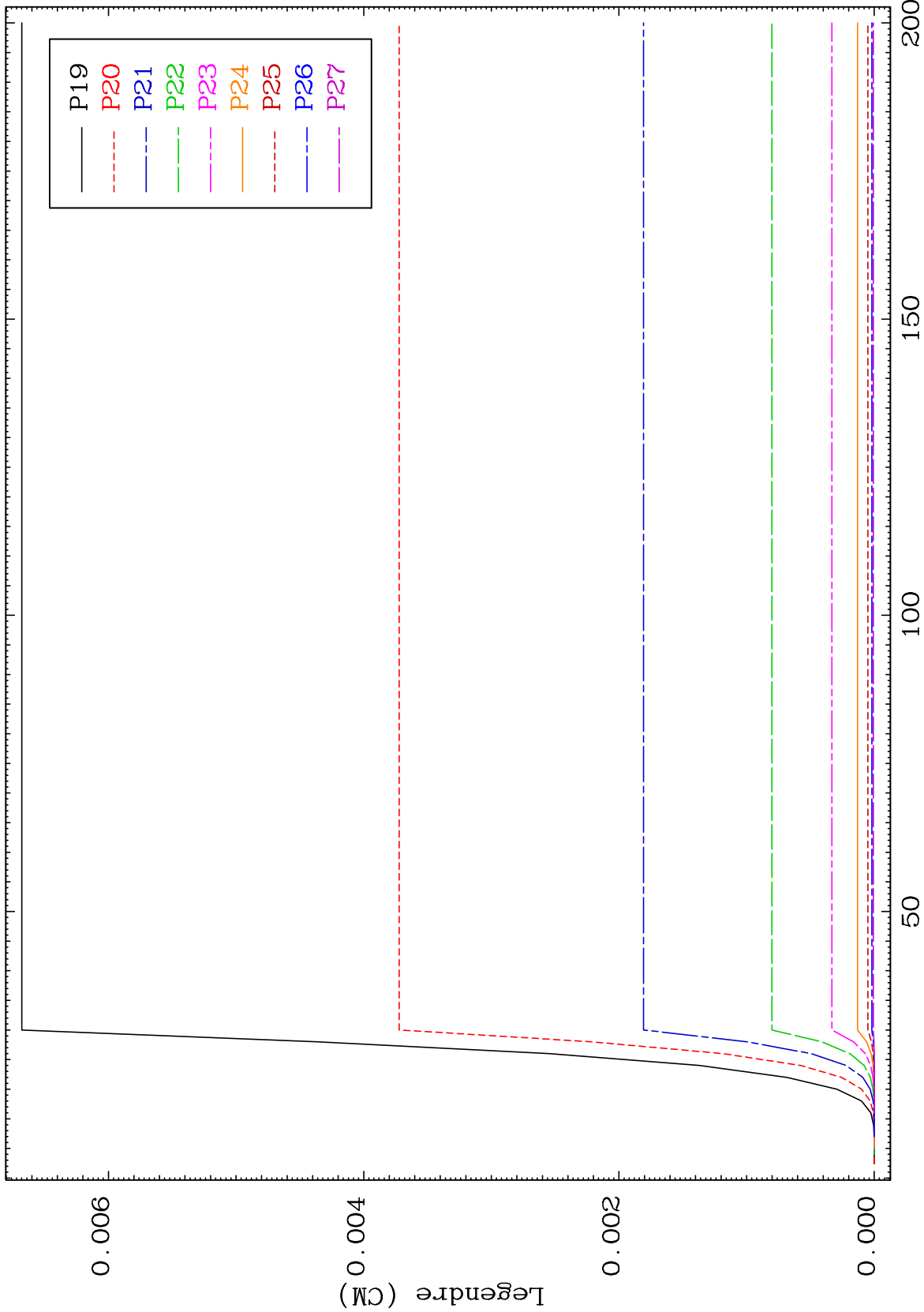
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



58

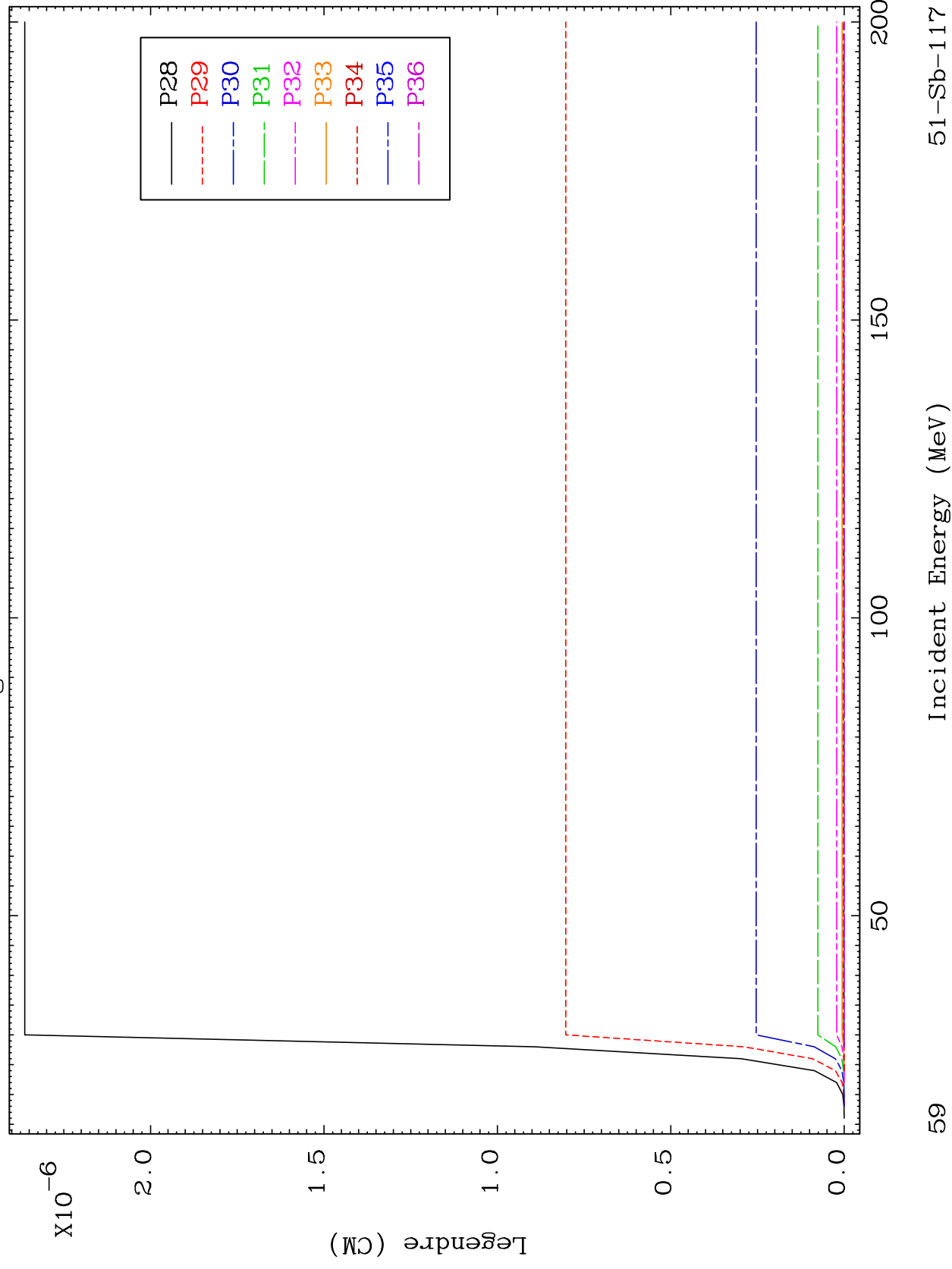
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



59

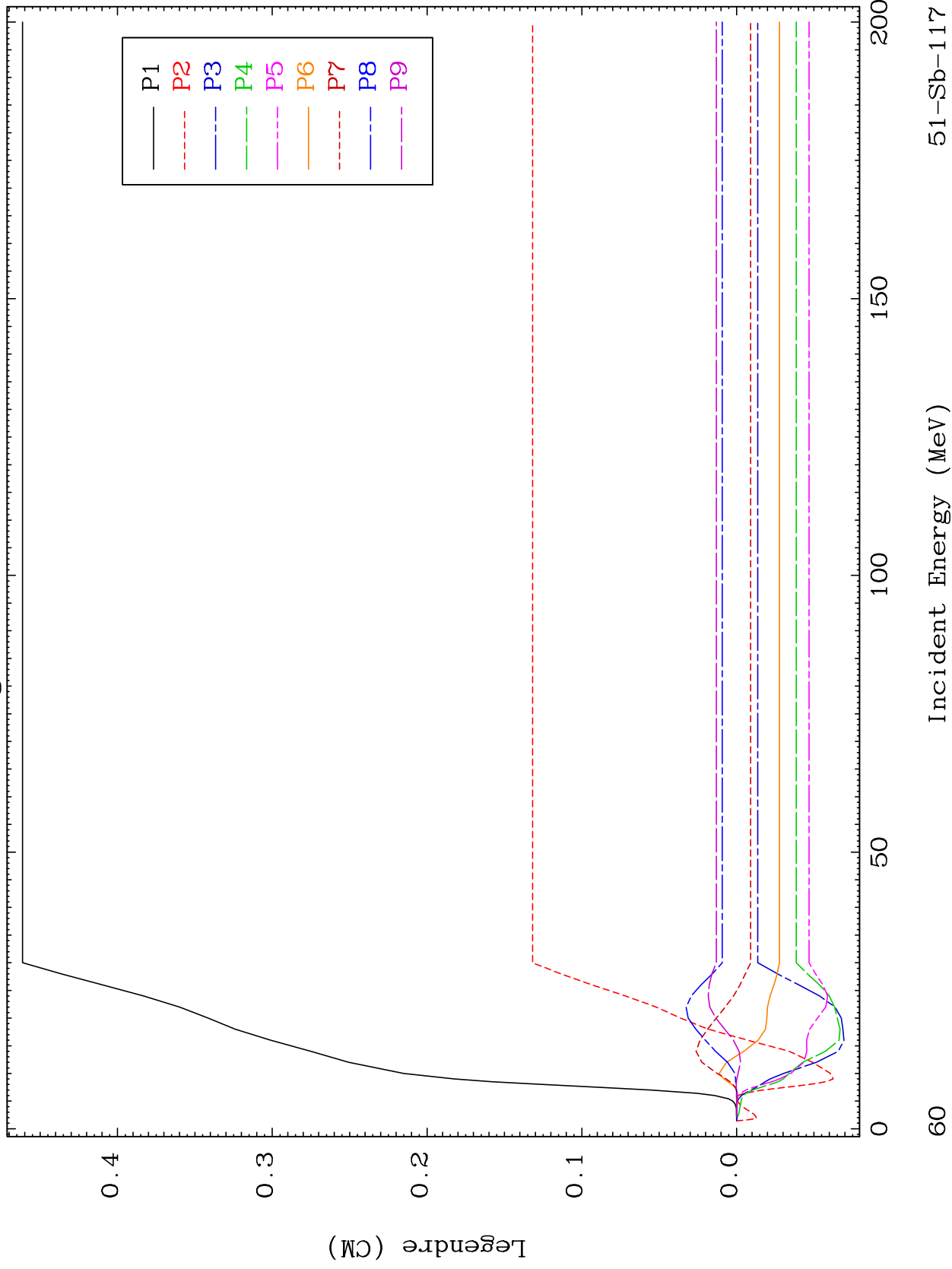
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



51-Sb-117

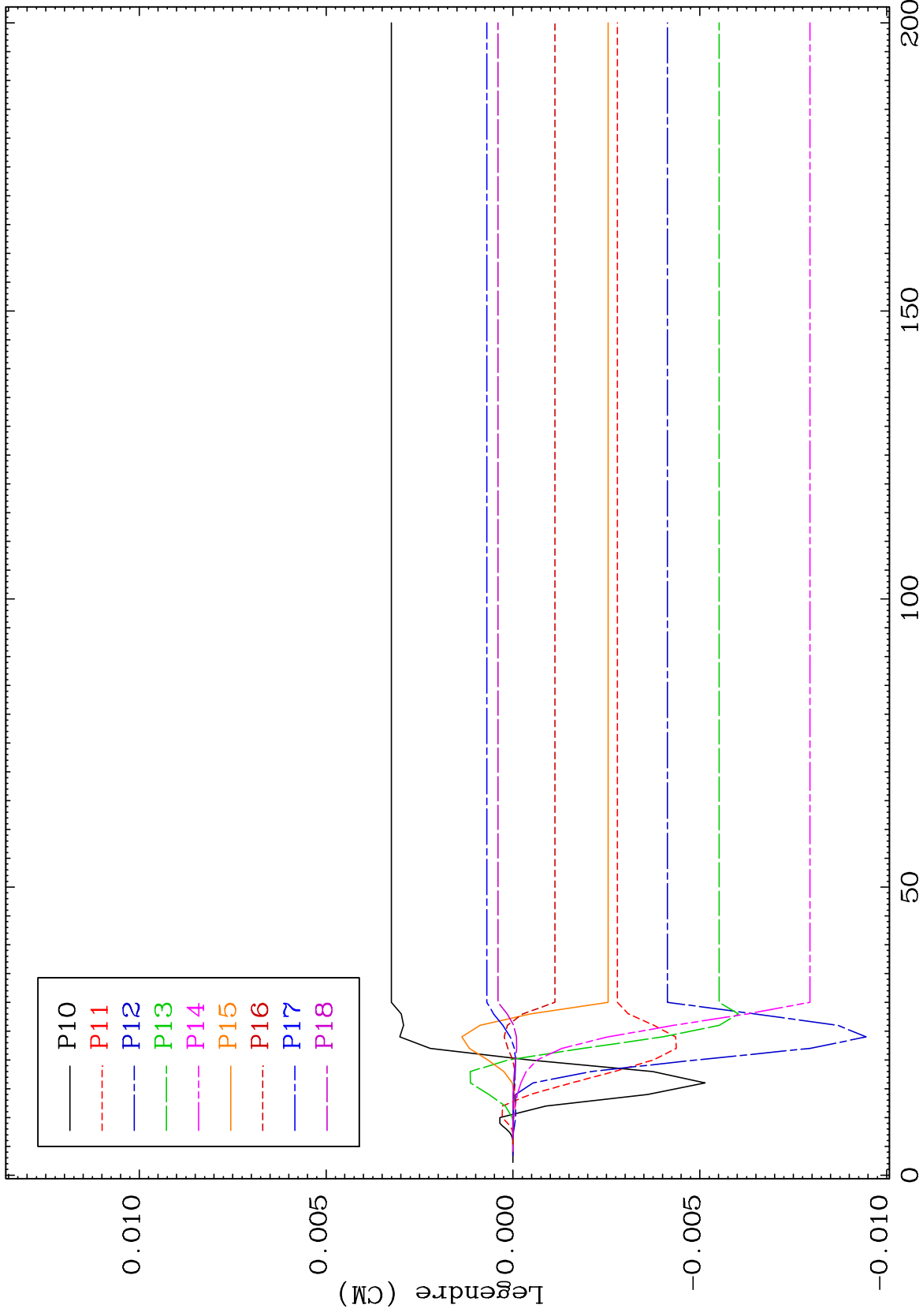
Incident Energy (MeV)

60

MAT 5113

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

51-Sb-117



61

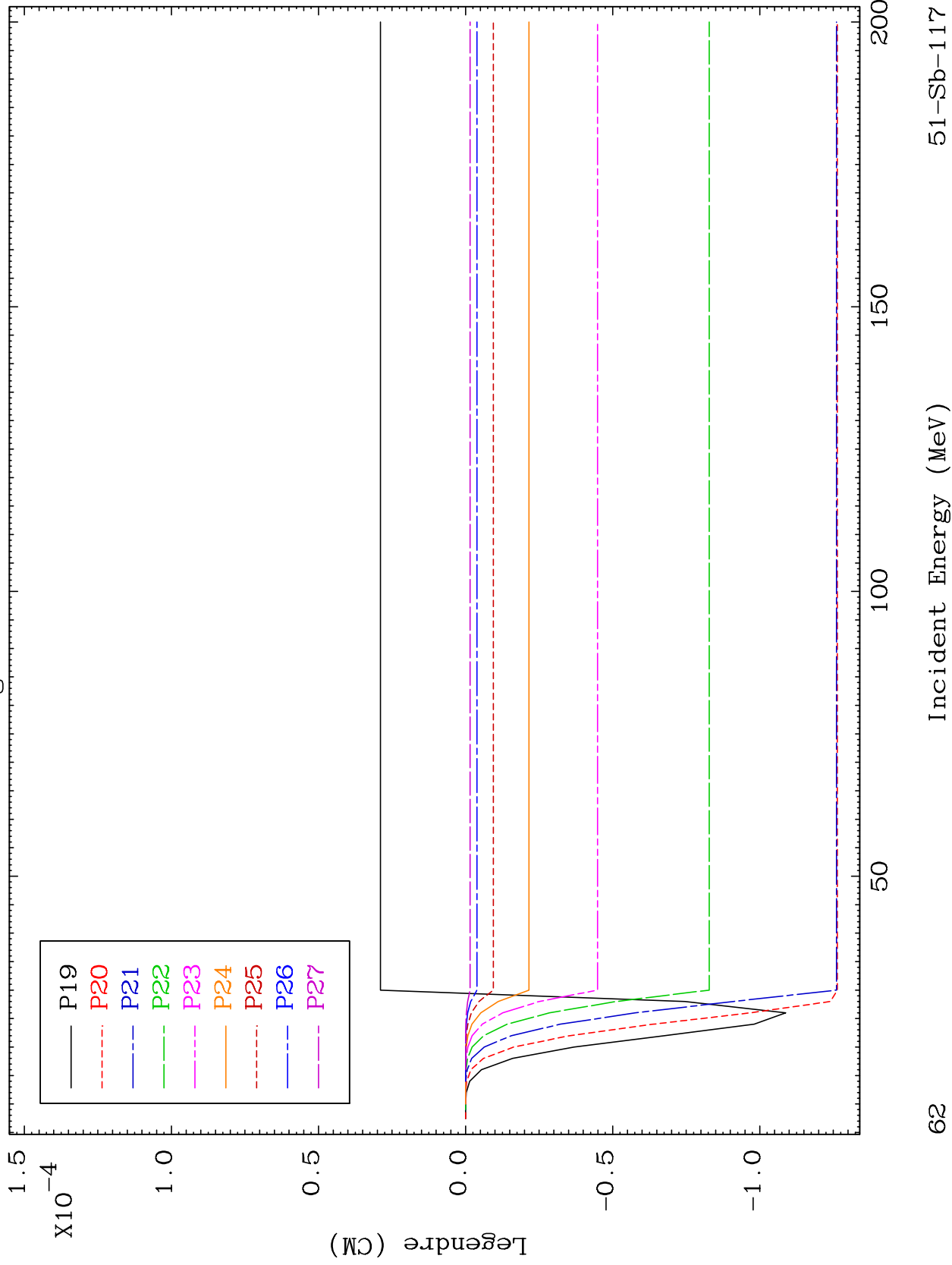
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



62

Incident Energy (MeV)

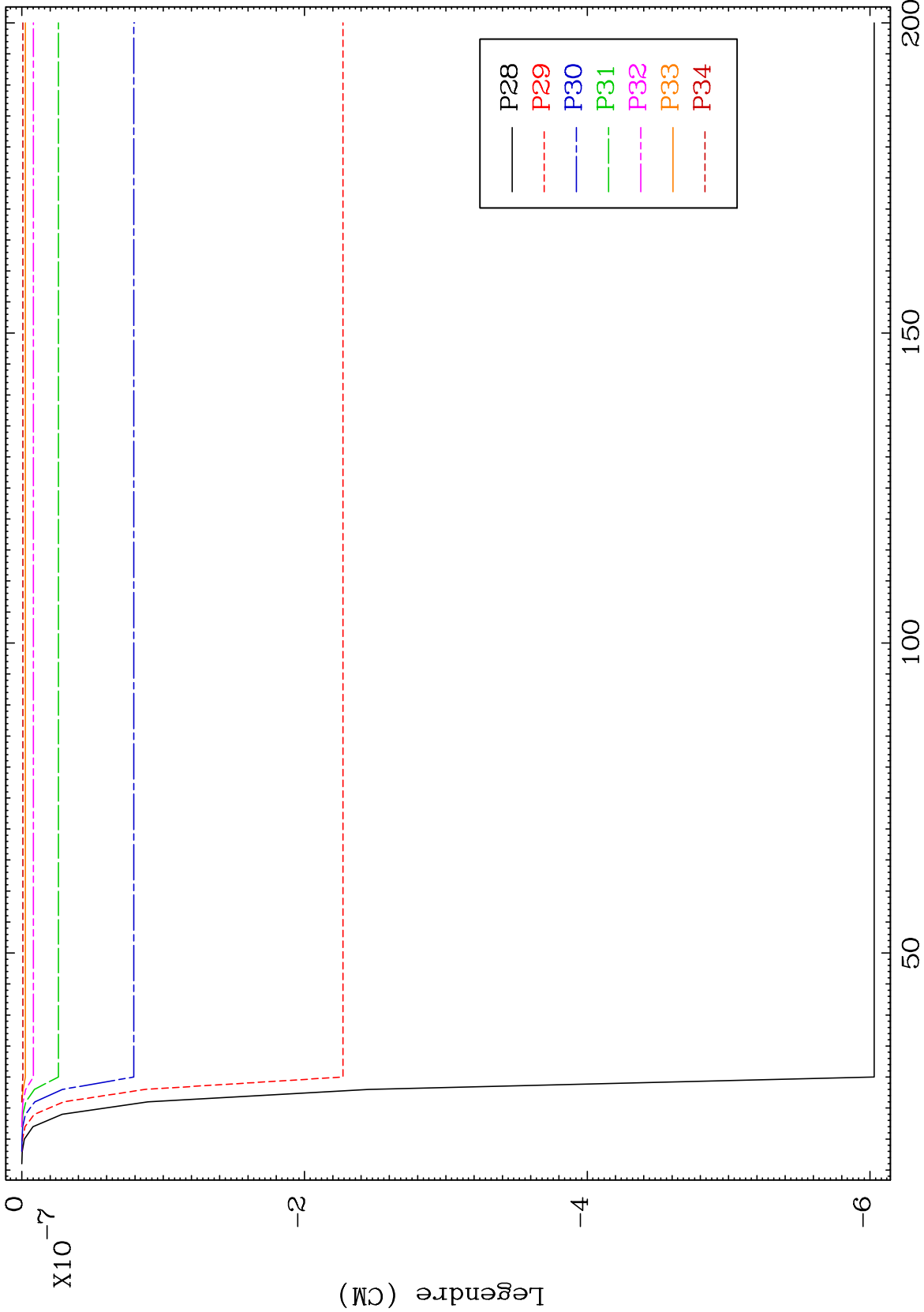
51-Sb-117

MAT 5113

MT= 61 (n,n') Level

51-Sb-117

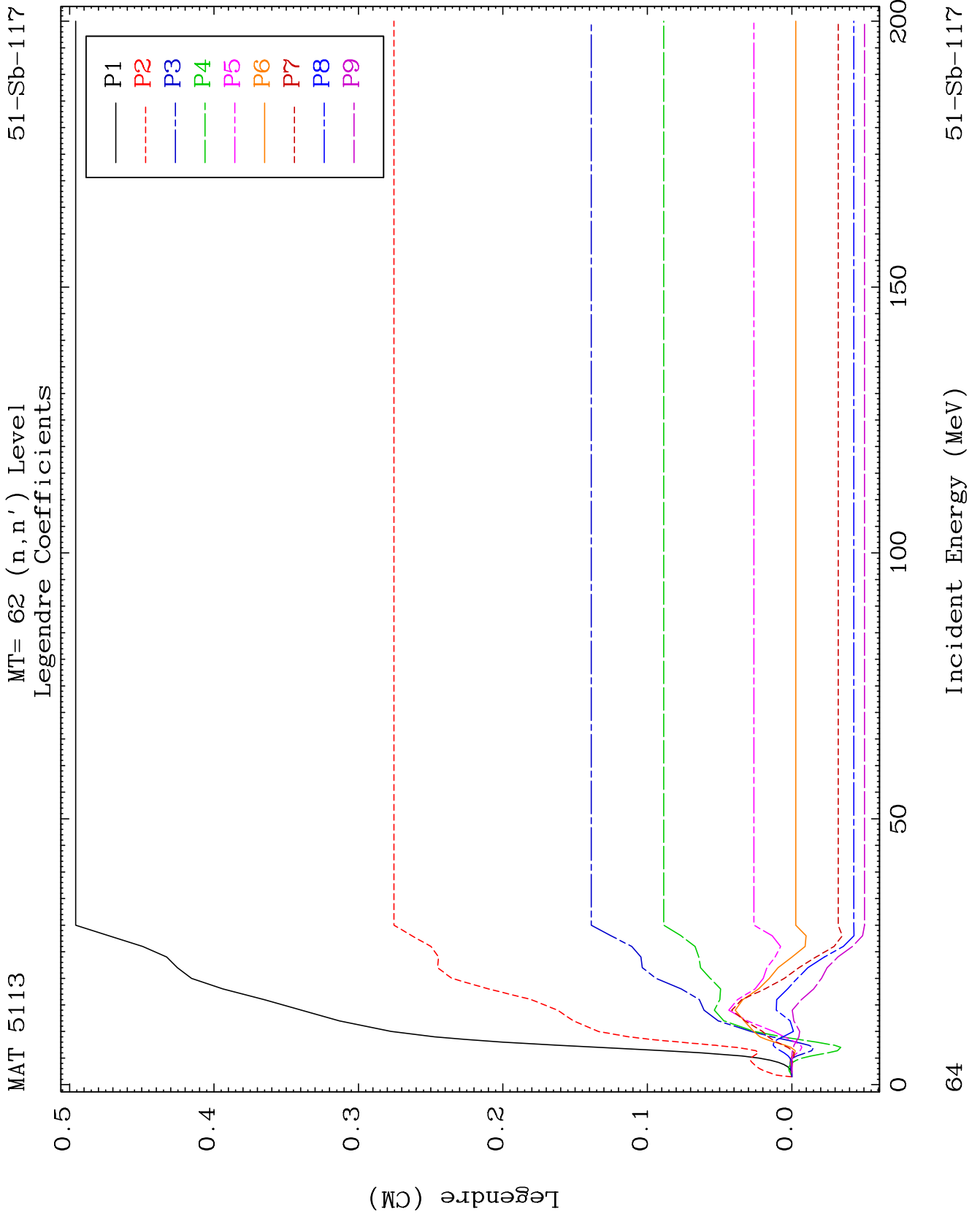
Legendre Coefficients



63

Incident Energy (MeV)

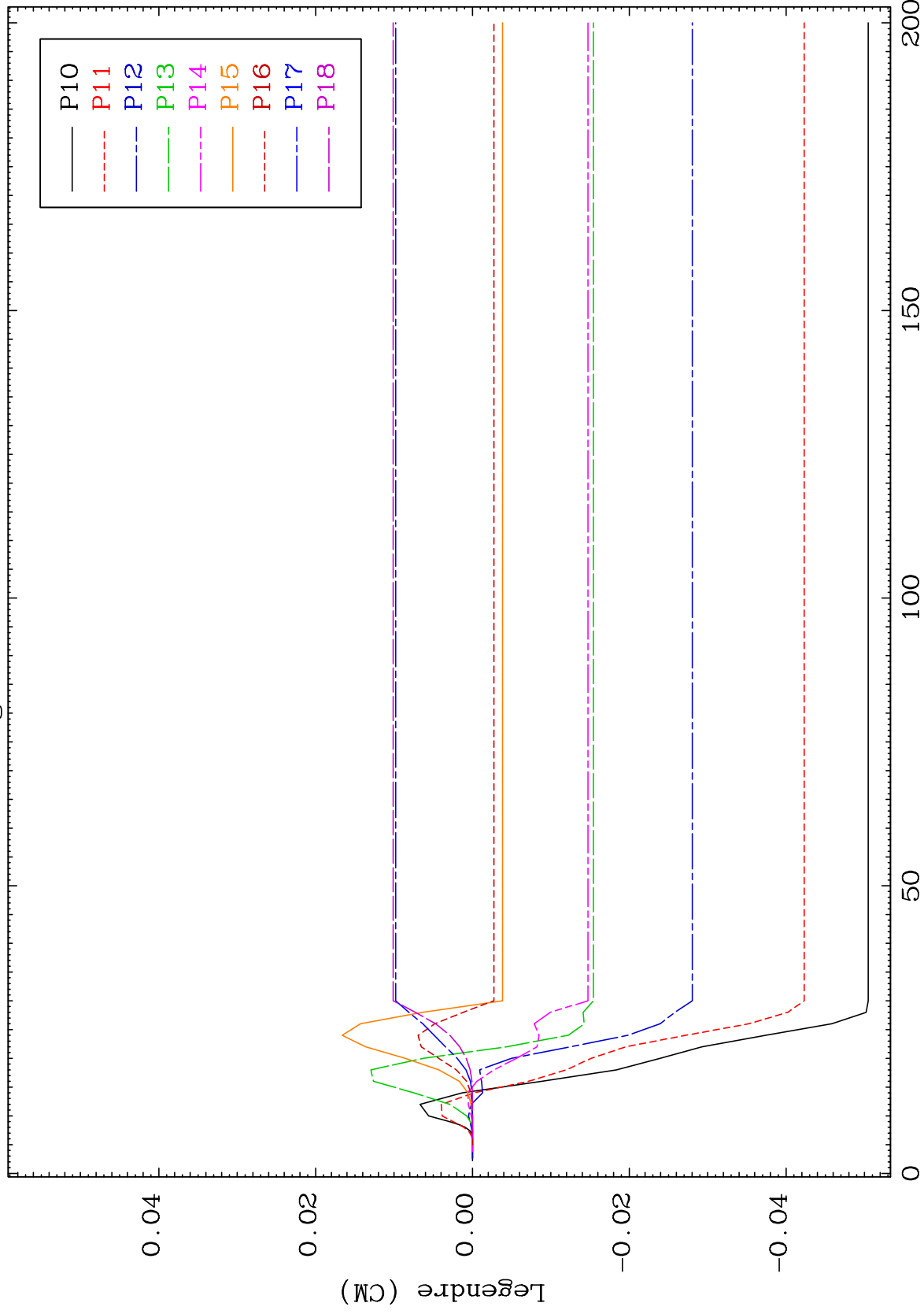
51-Sb-117



MAT 5113

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

51-Sb-117



65

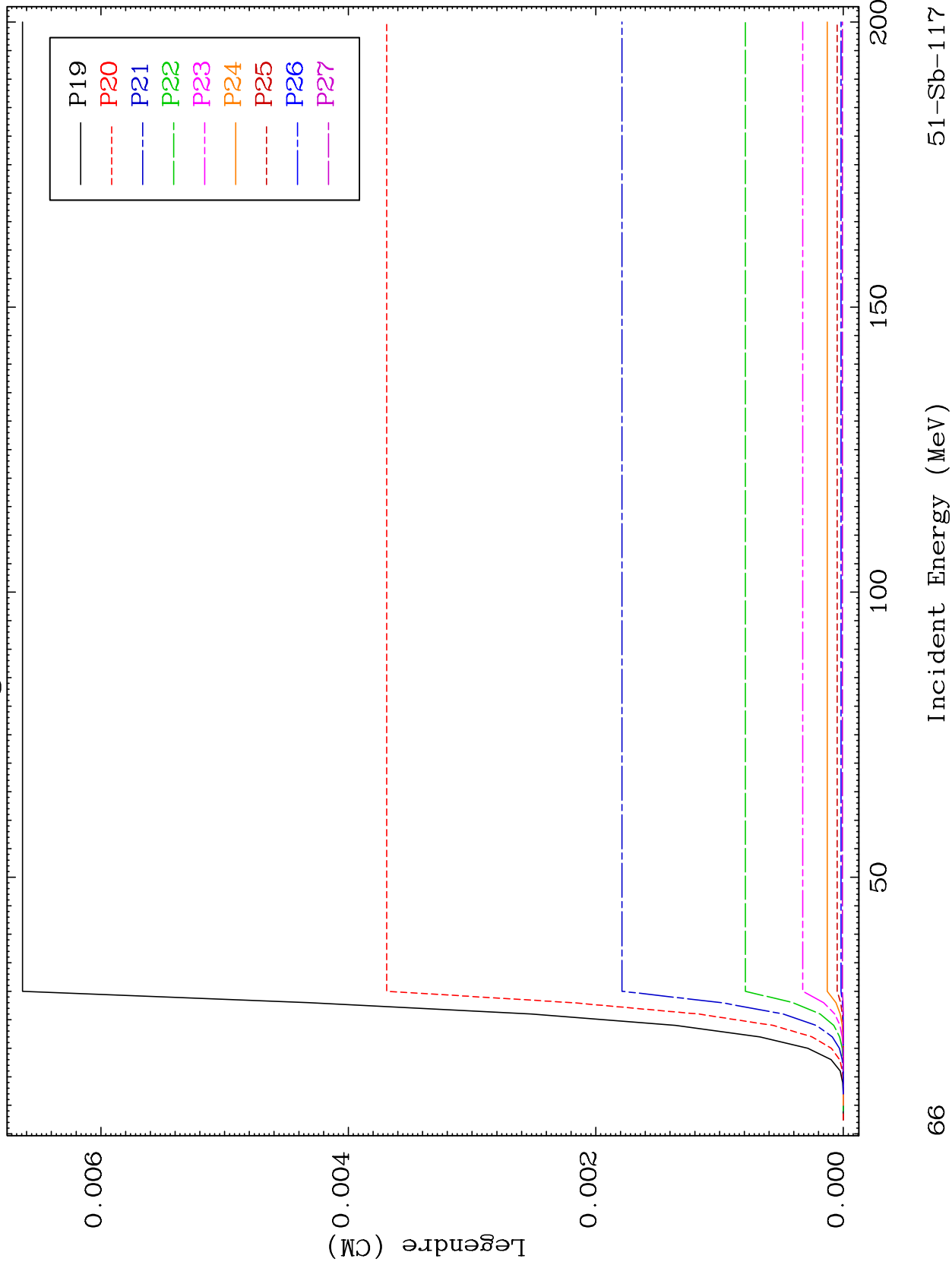
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



66

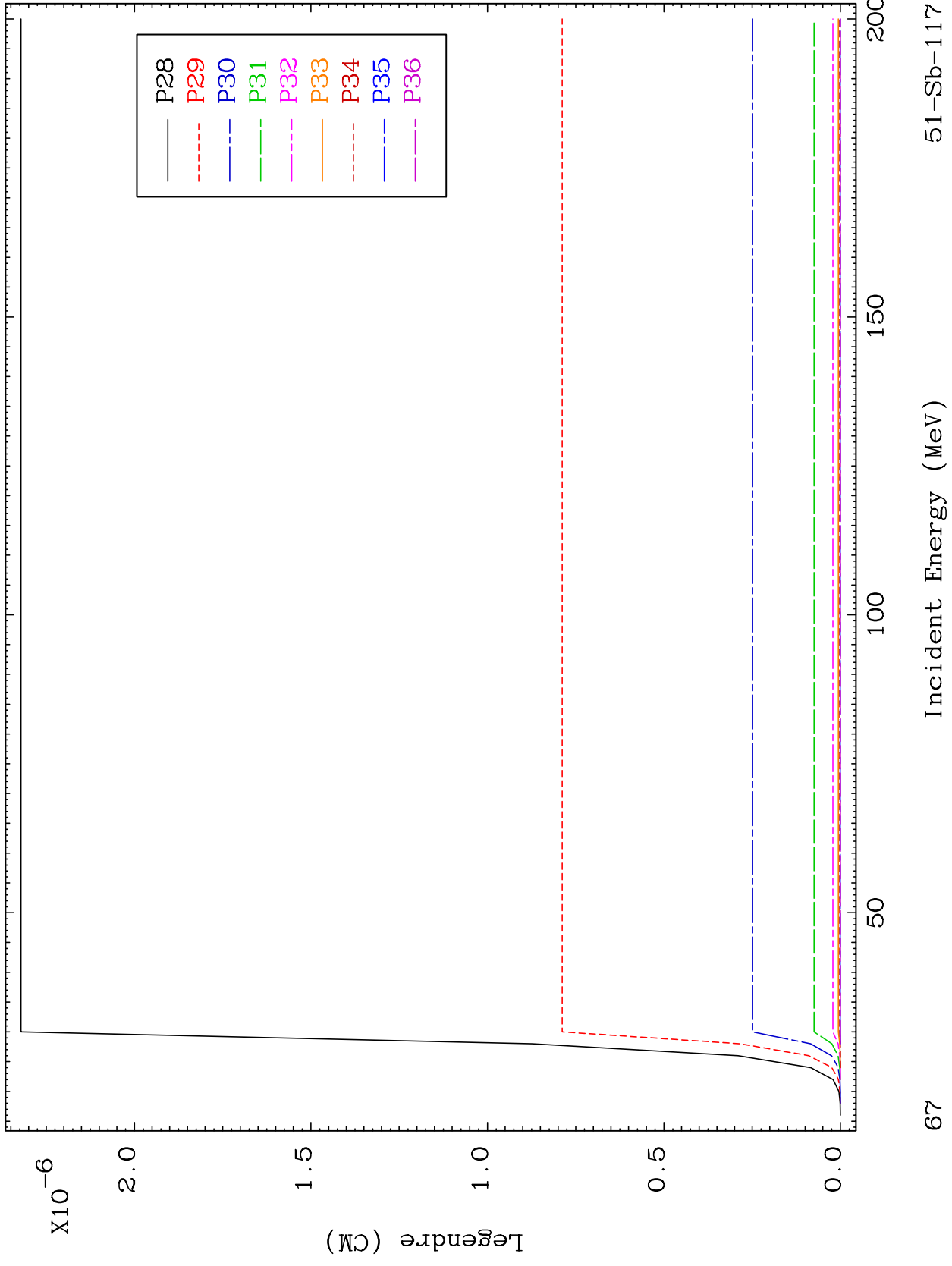
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

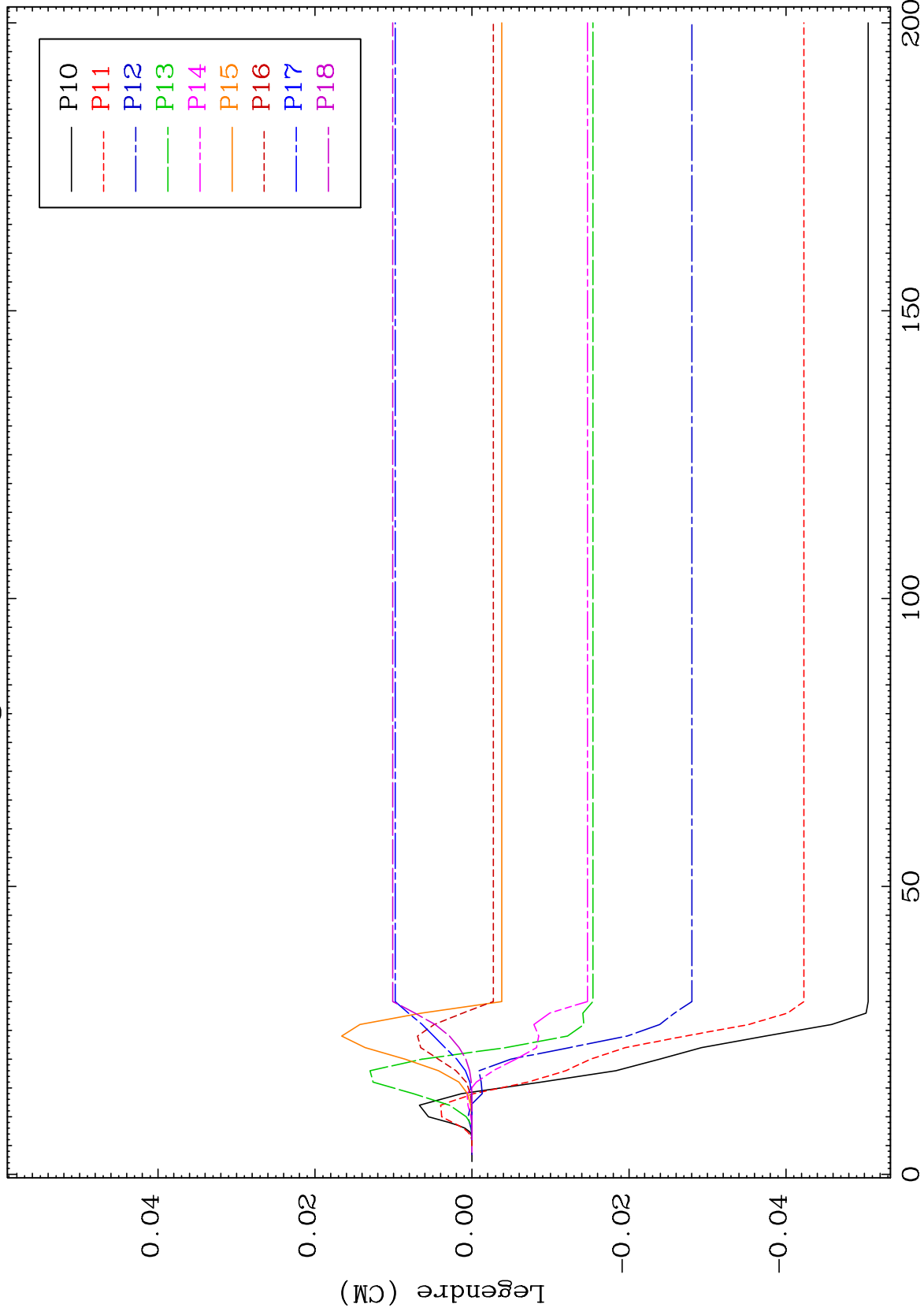
51-Sb-117



MAT 5113

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

51-Sb-117



69

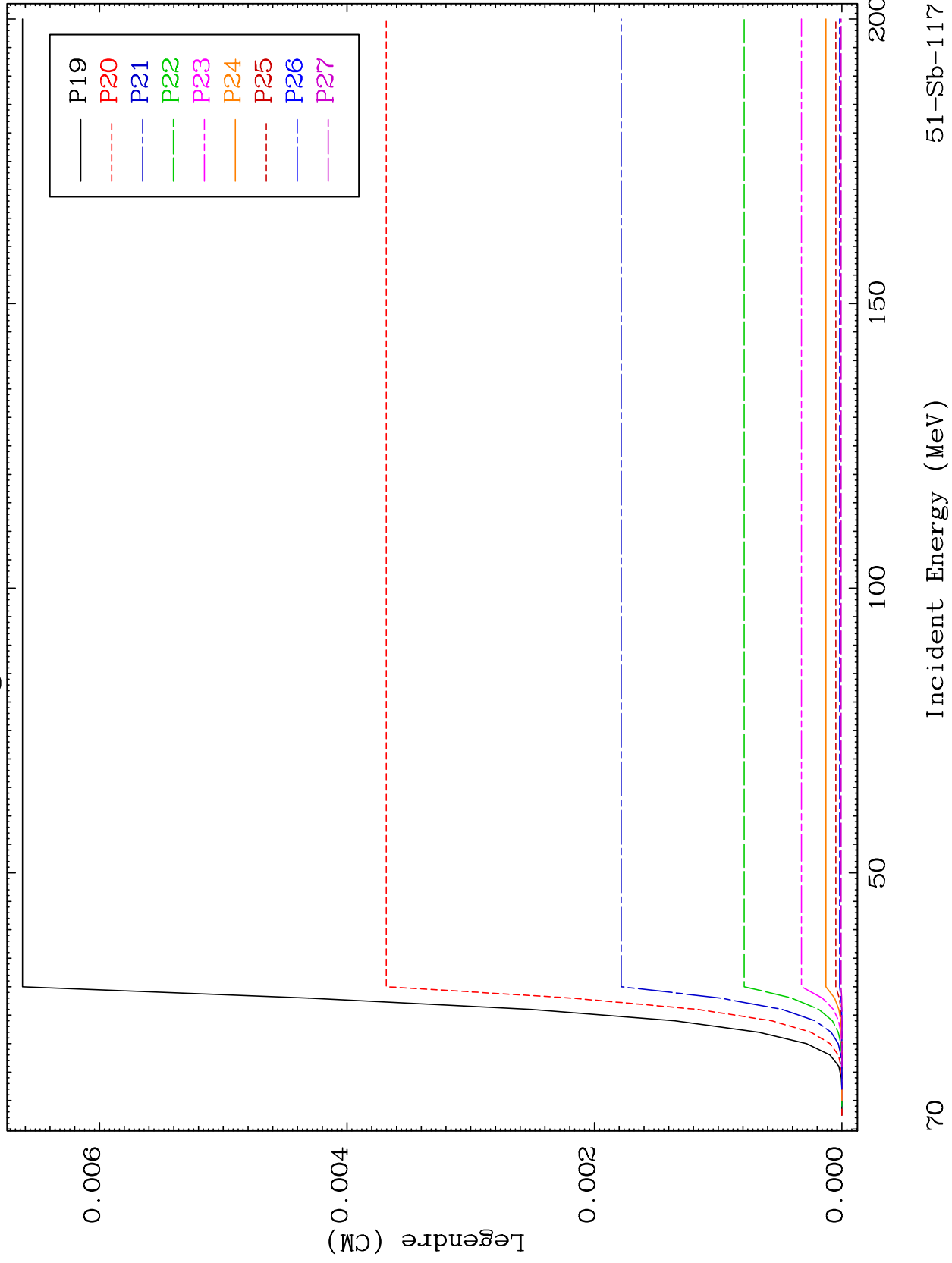
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



70

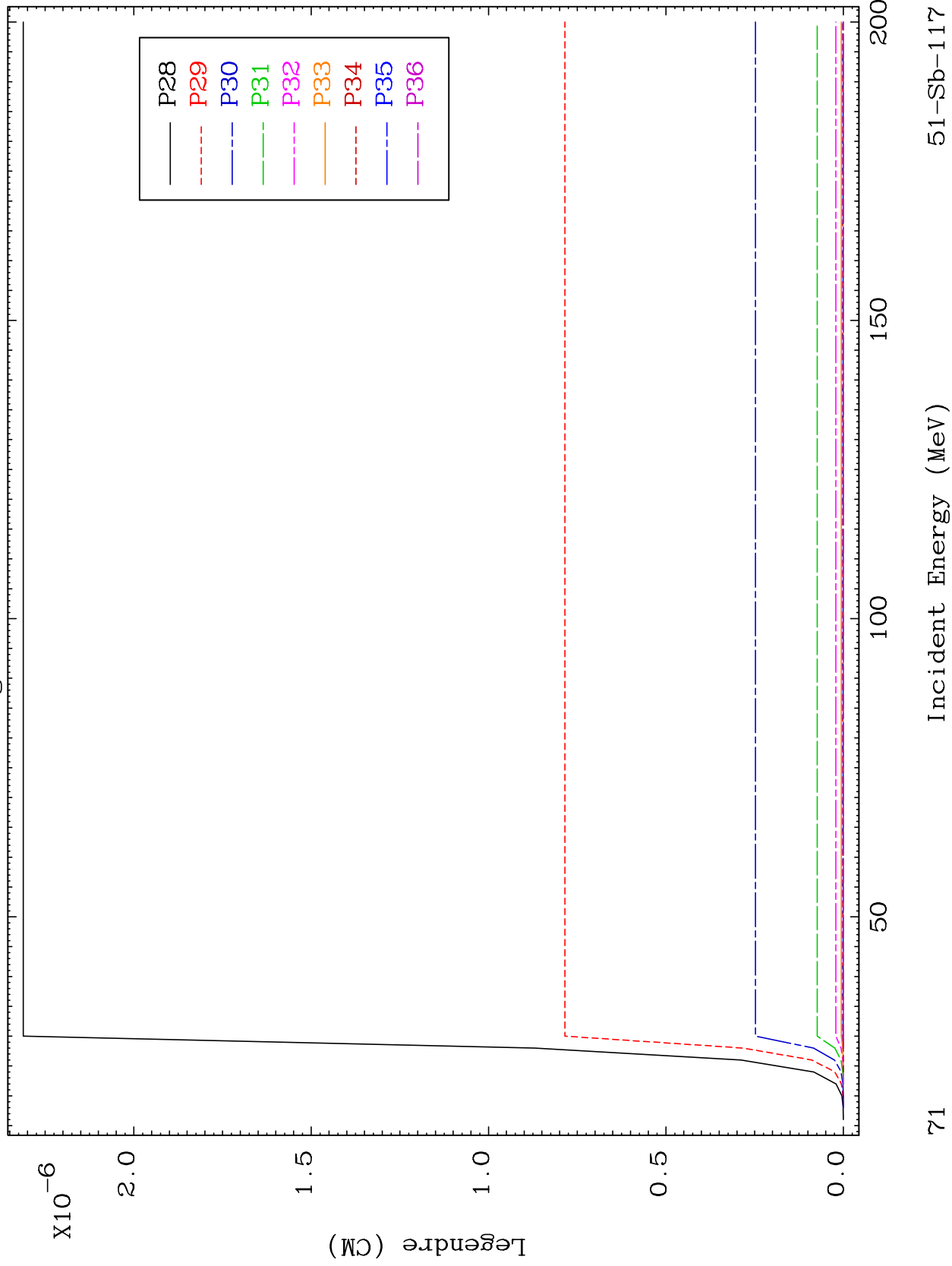
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

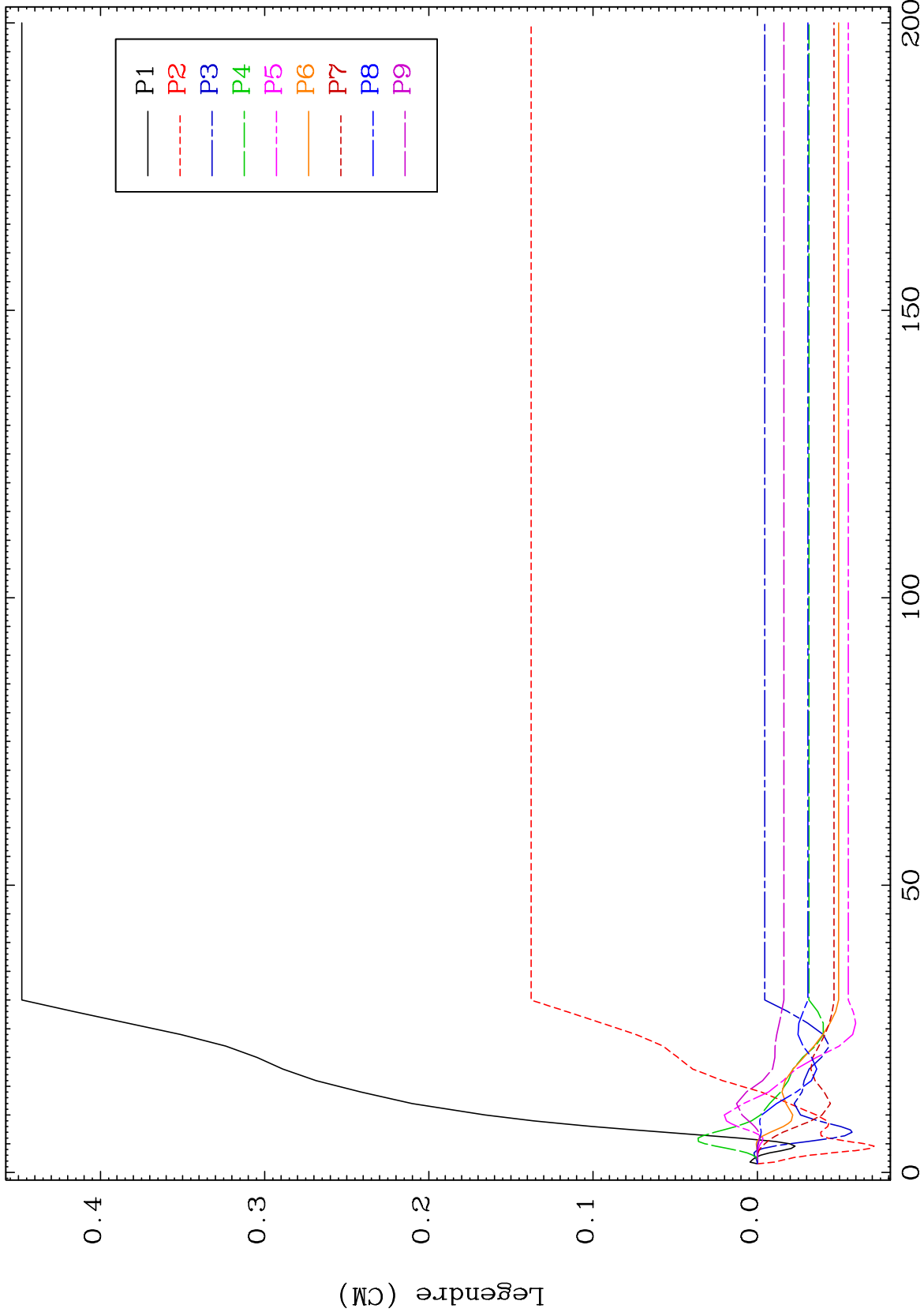
51-Sb-117



MAT 5113

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

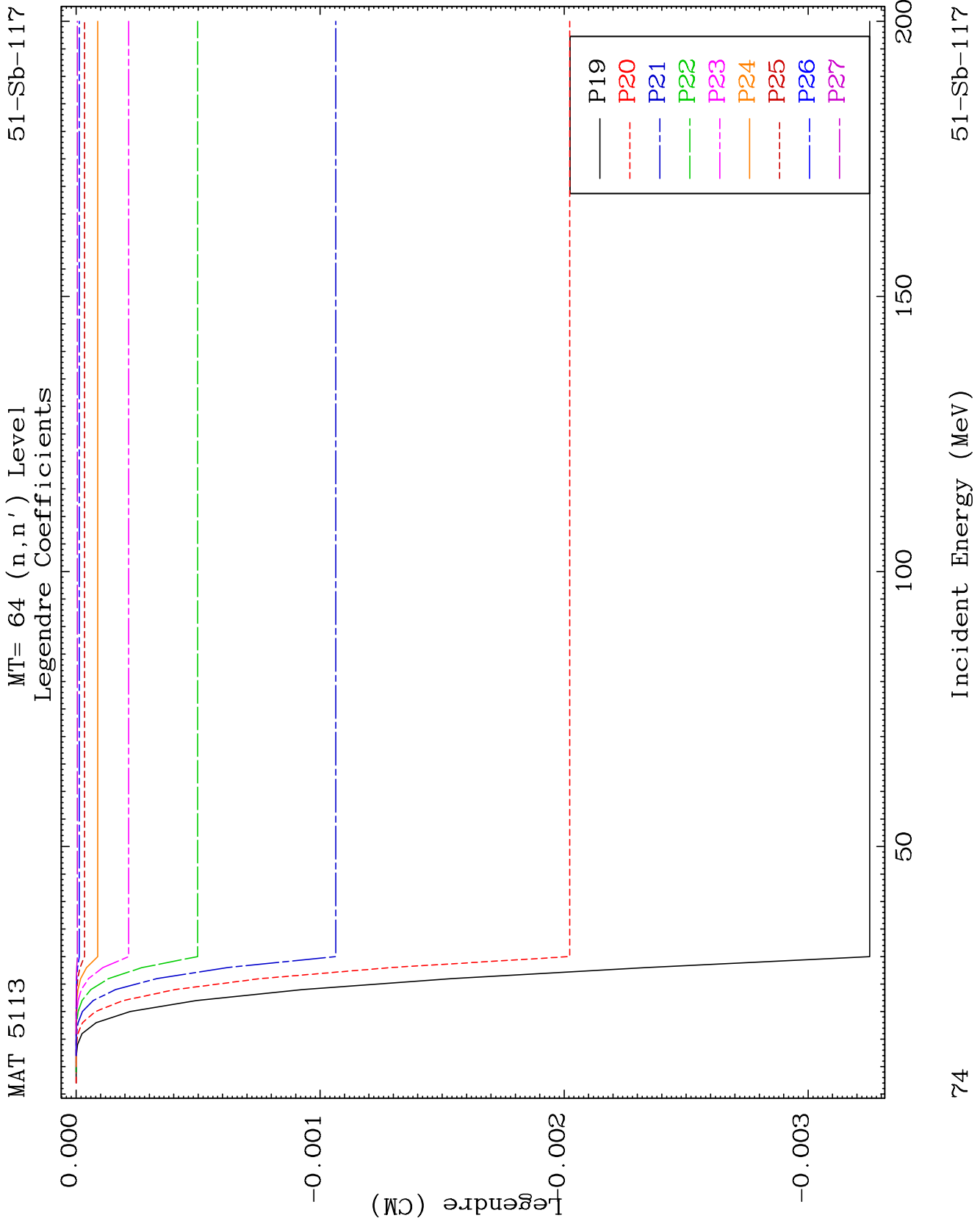
51-Sb-117



51-Sb-117

Incident Energy (MeV)

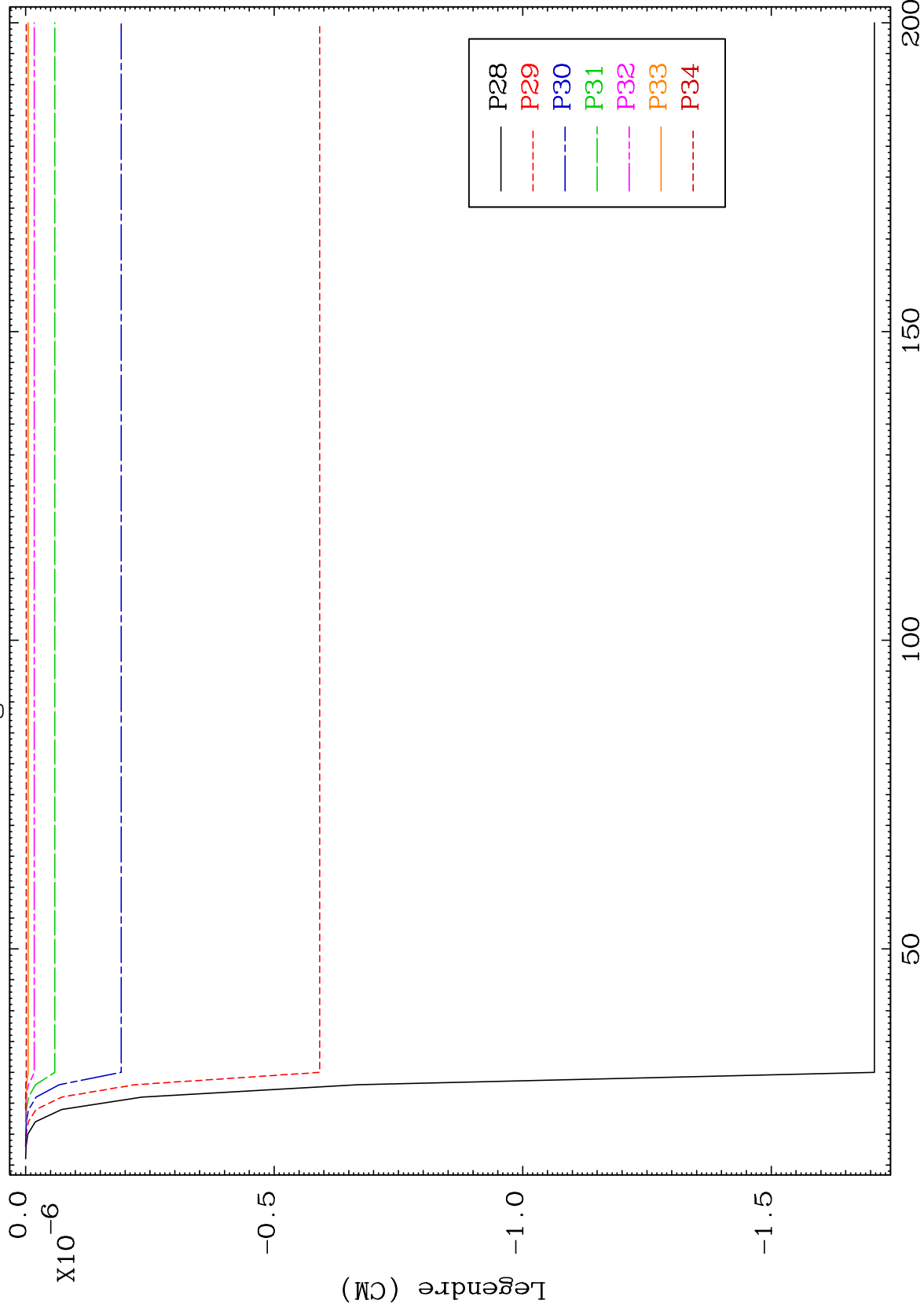
72



MAT 5113

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

51-Sb-117



75

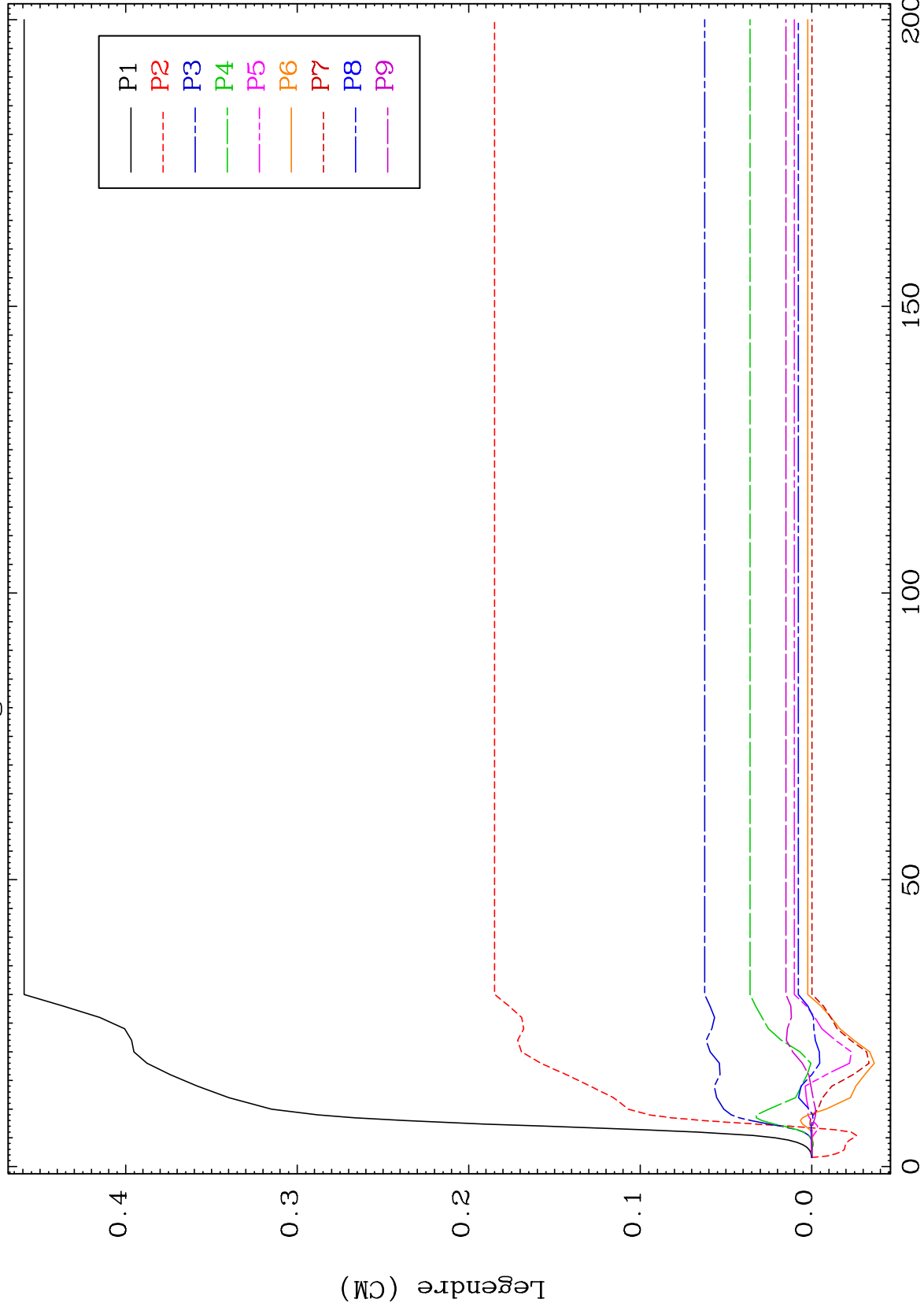
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



76

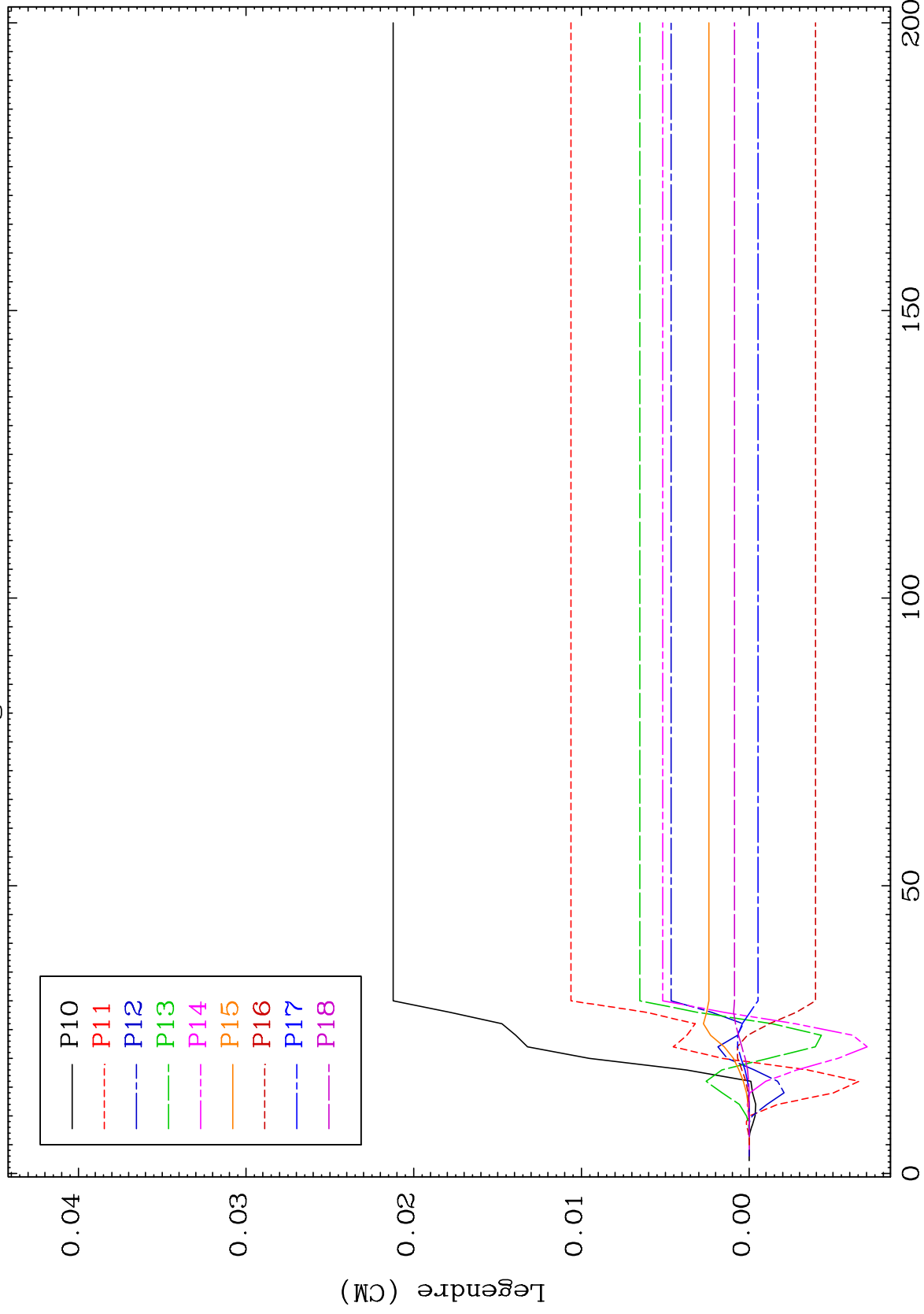
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



77

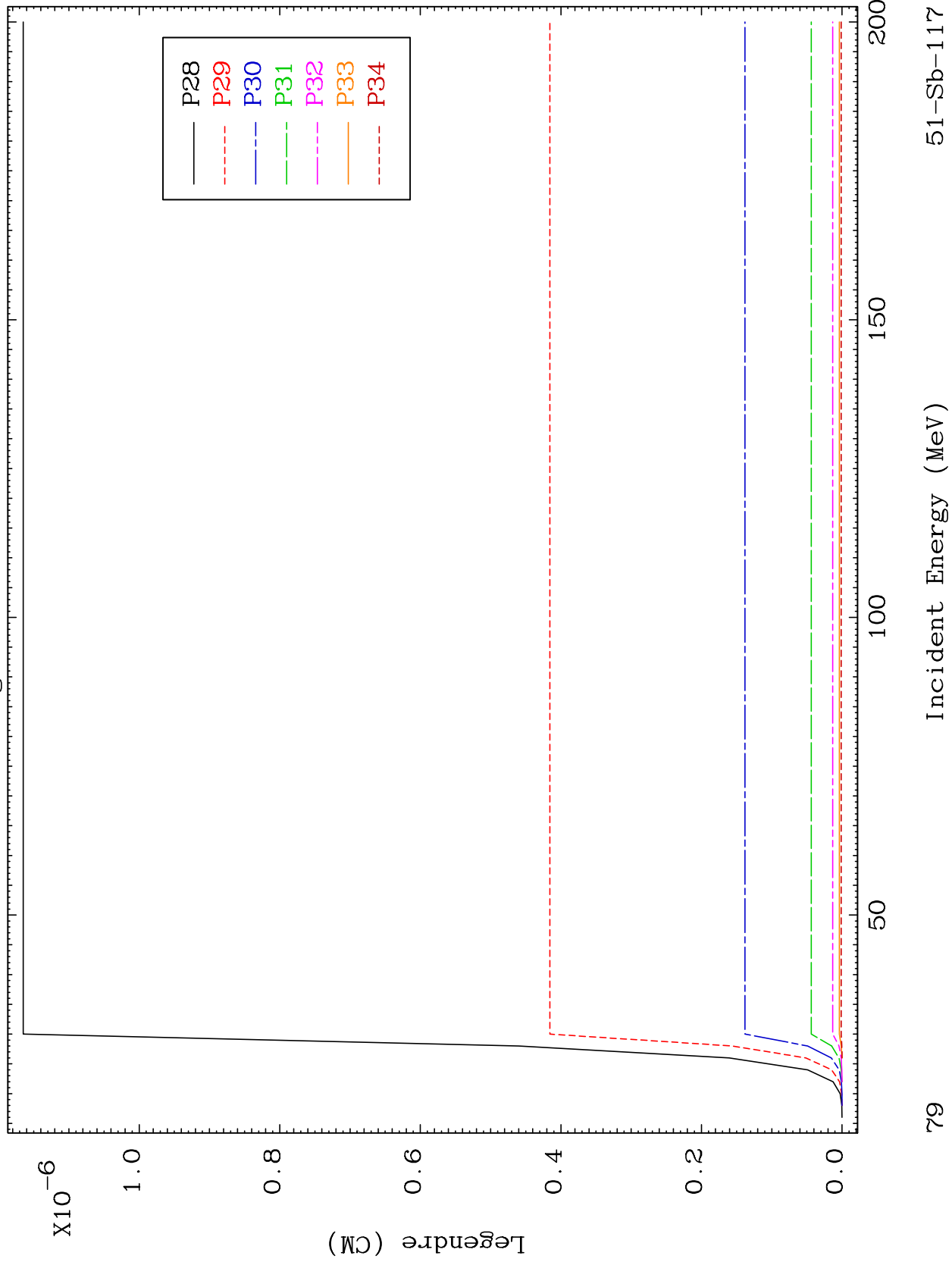
Incident Energy (MeV)

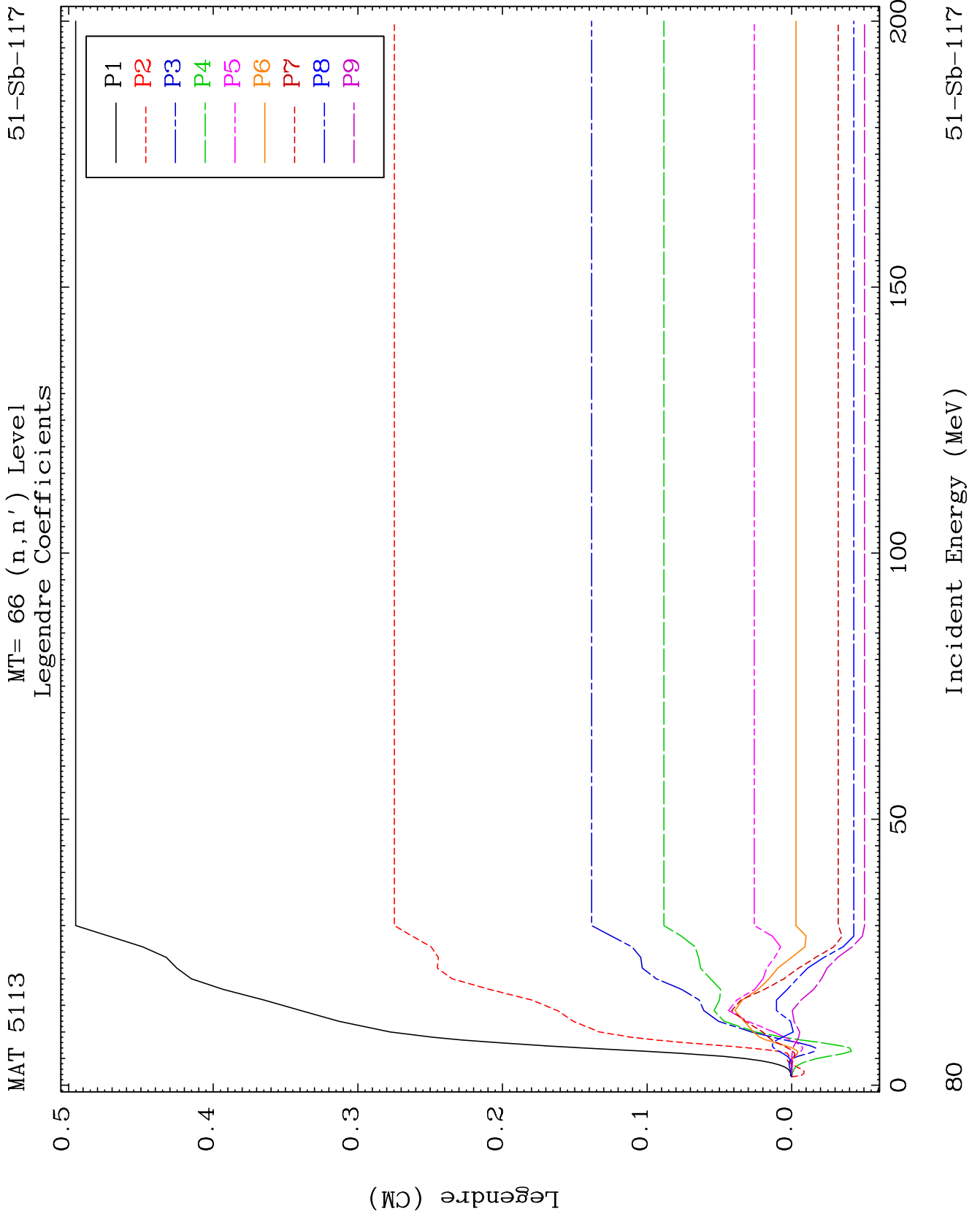
51-Sb-117

MAT 5113

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

51-Sb-117

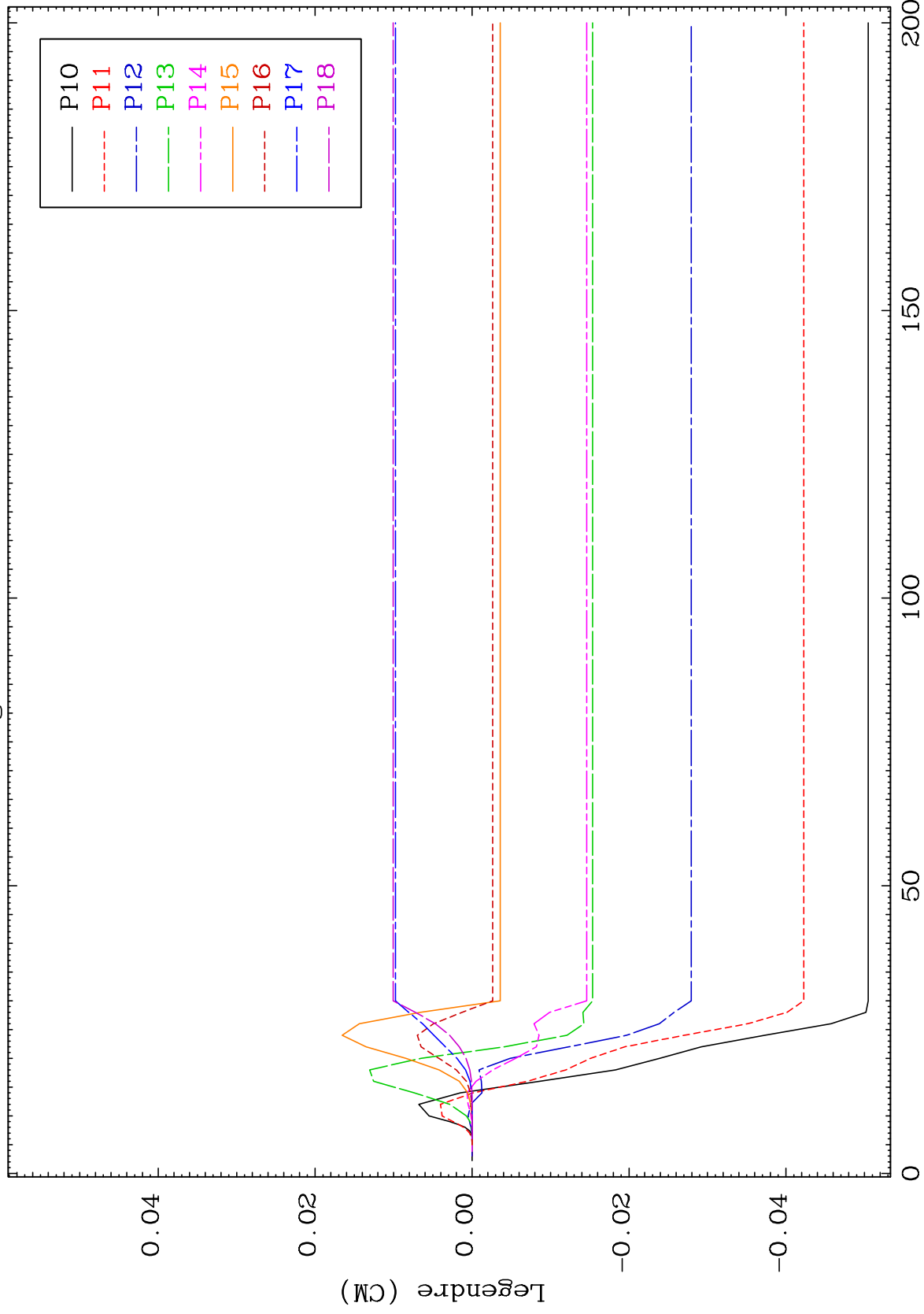




MAT 5113

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

51-Sb-117



81

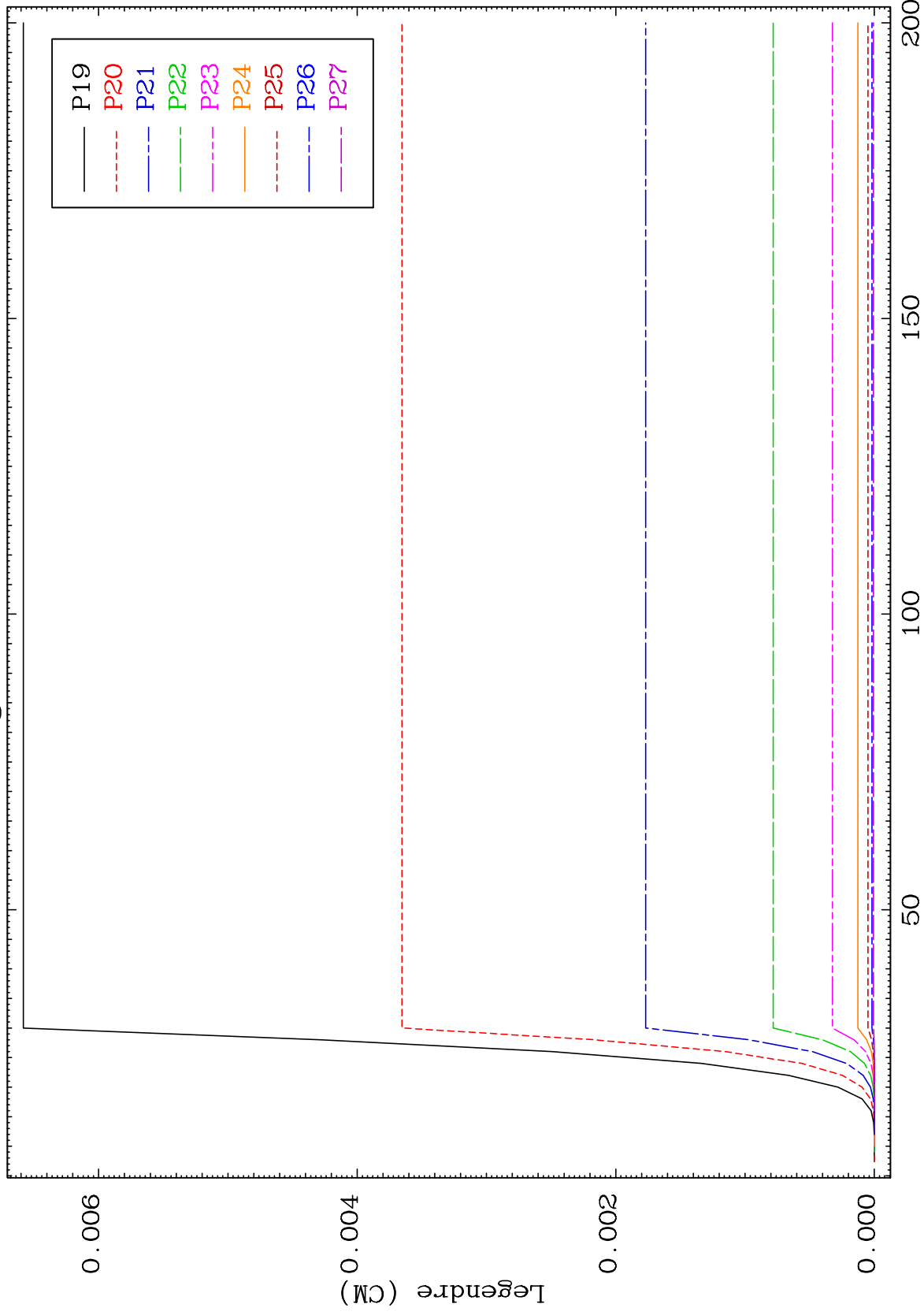
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



82

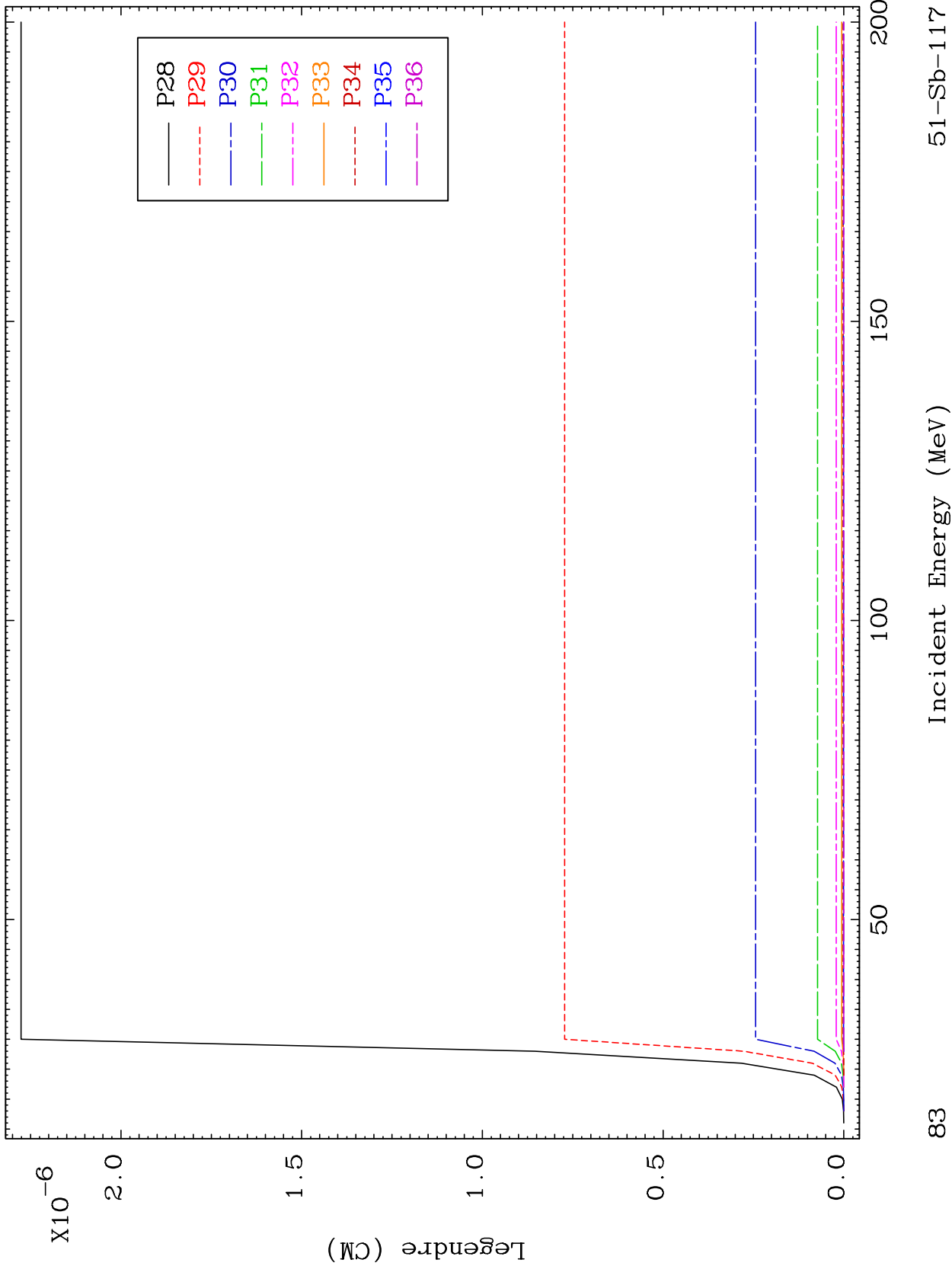
Incident Energy (MeV)

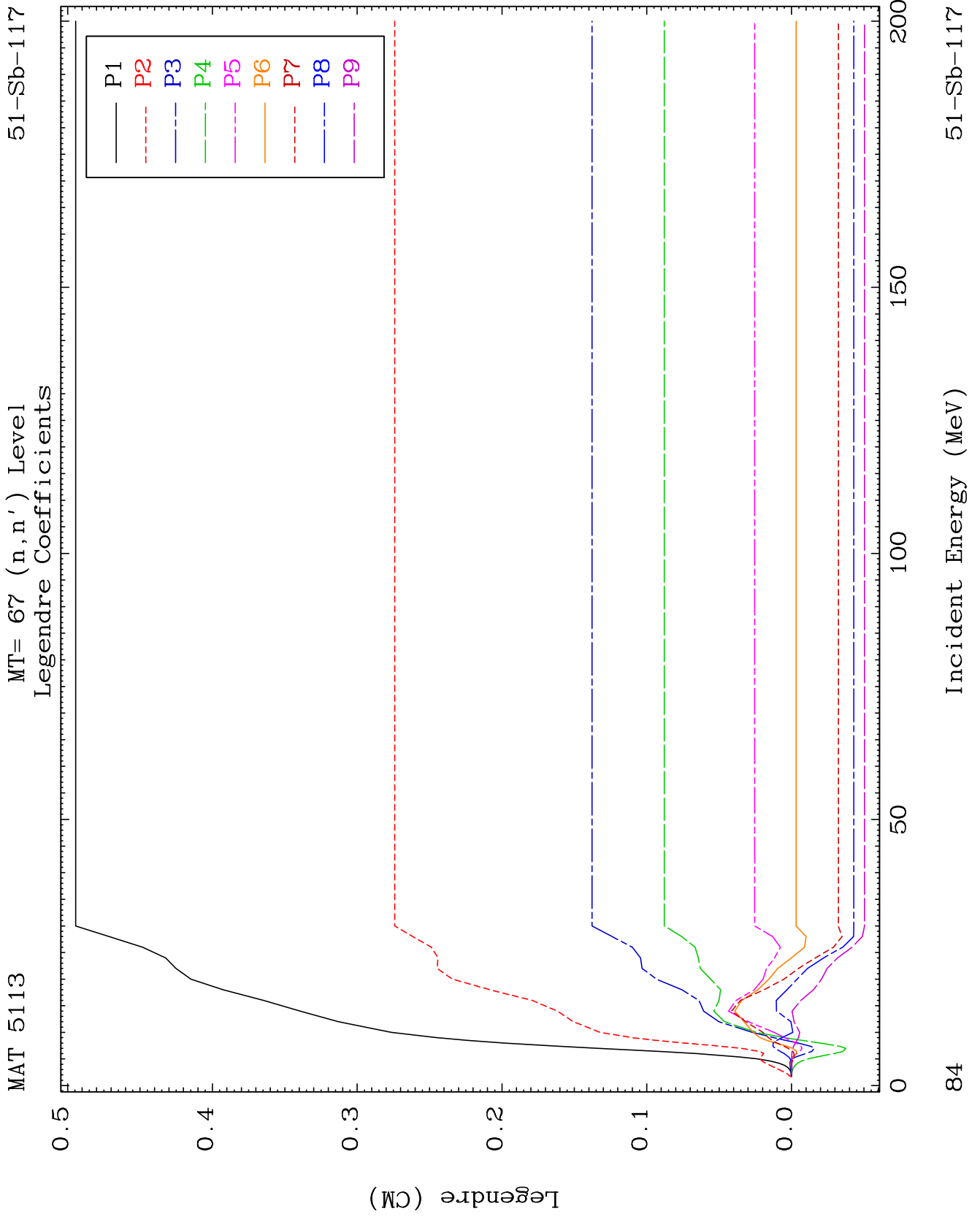
51-Sb-117

MAT 5113

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

51-Sb-117

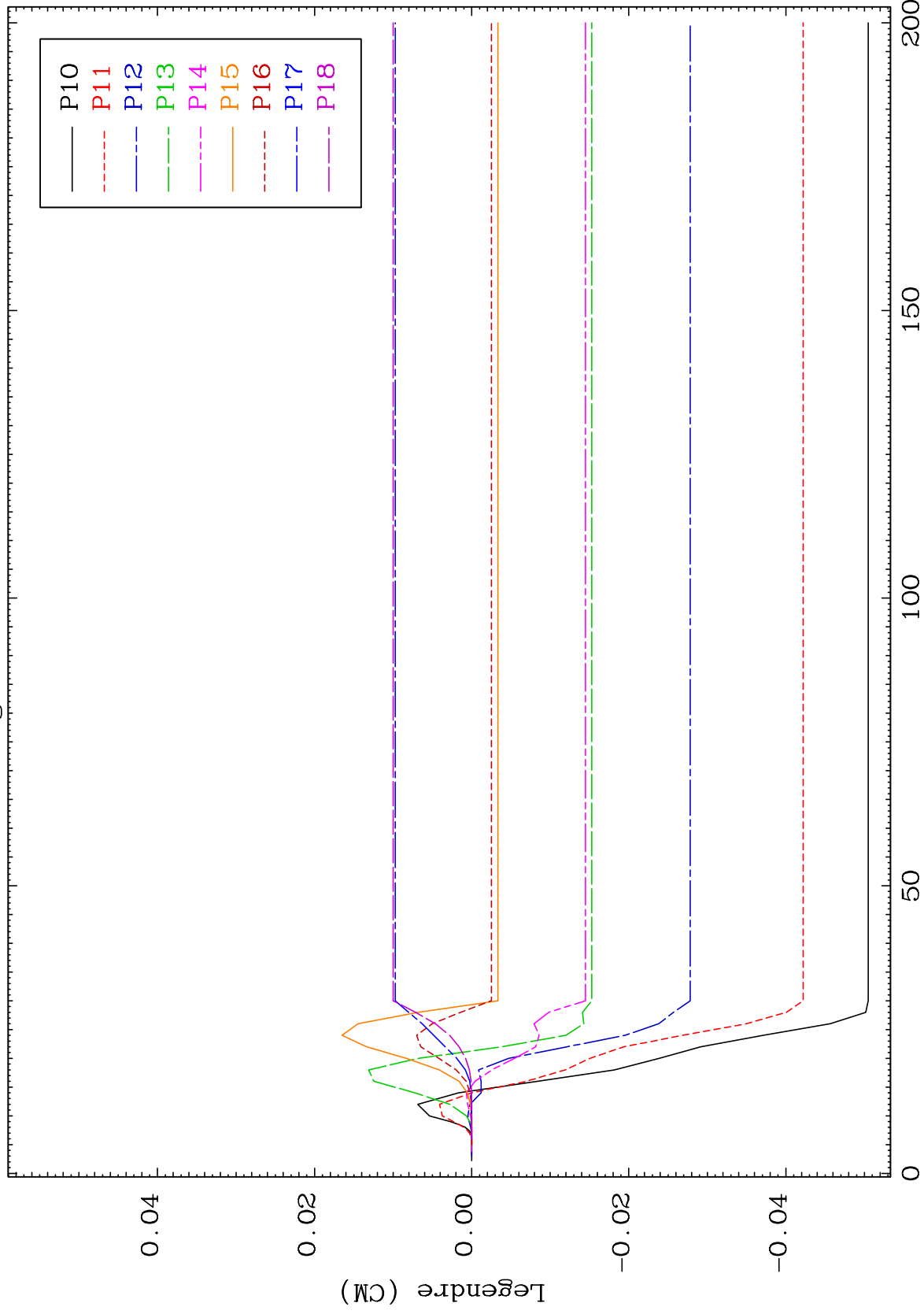




MAT 5113

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

51-Sb-117



85

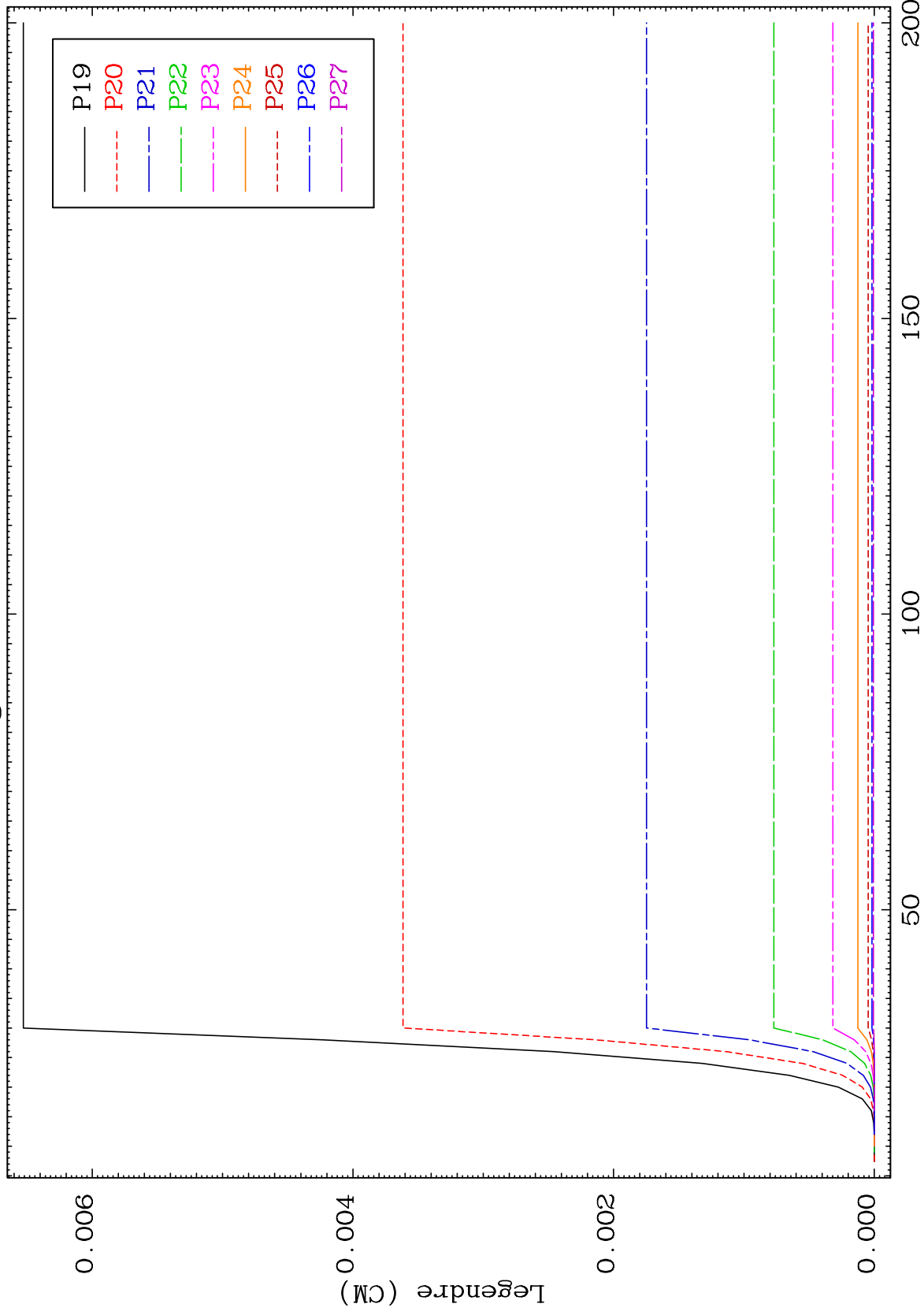
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



86

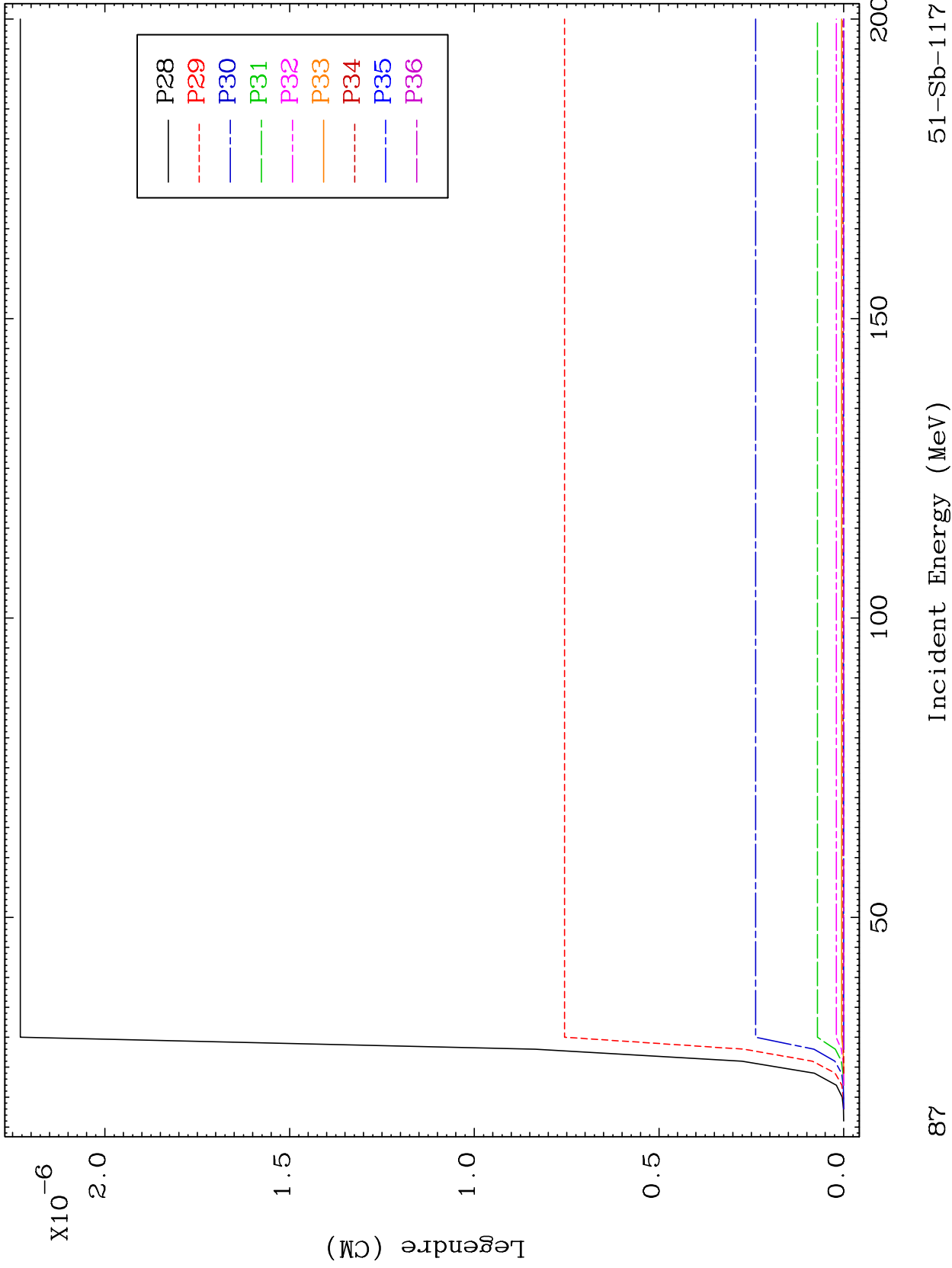
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

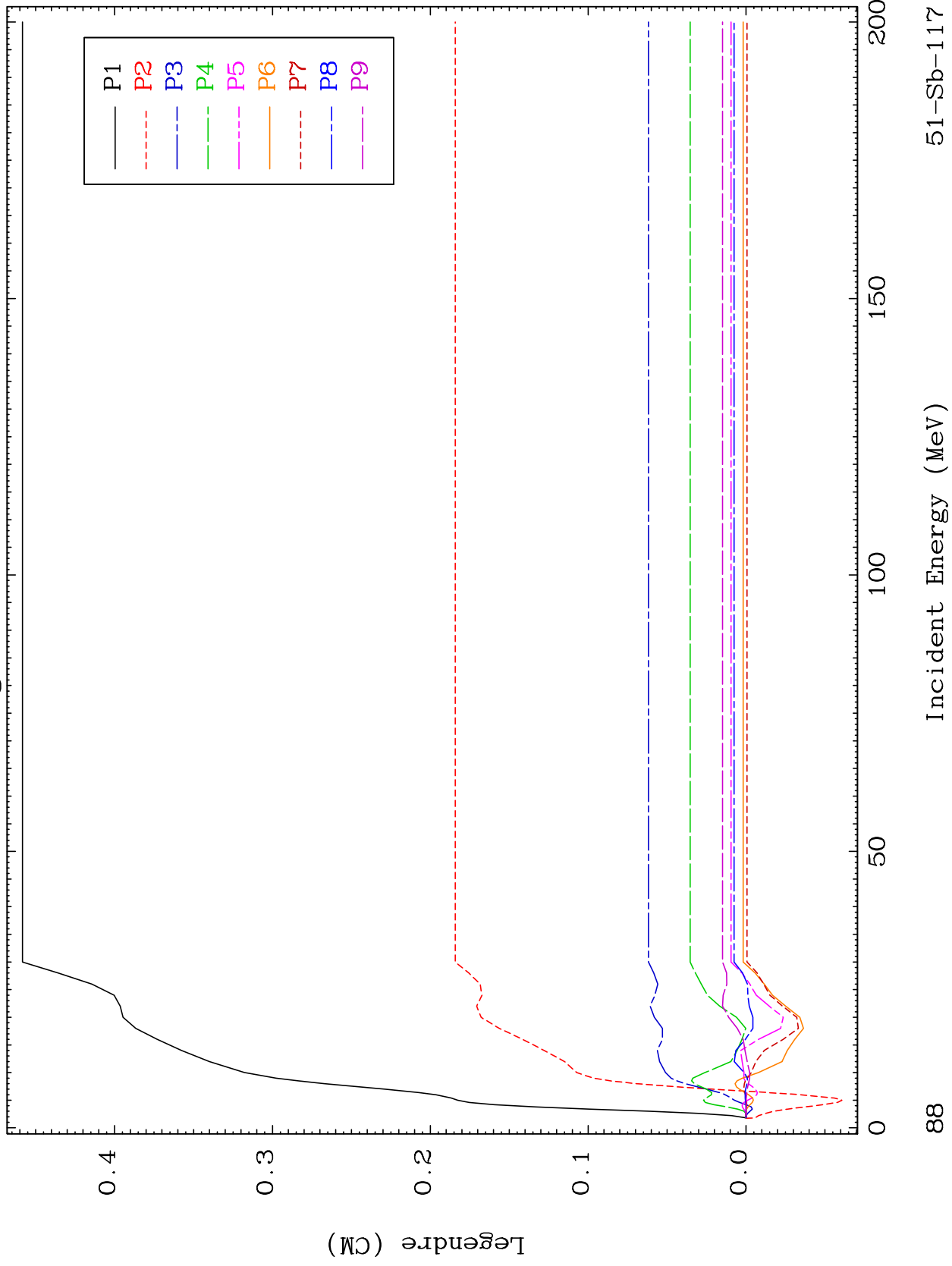
51-Sb-117



MAT 5113

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

51-Sb-117



51-Sb-117

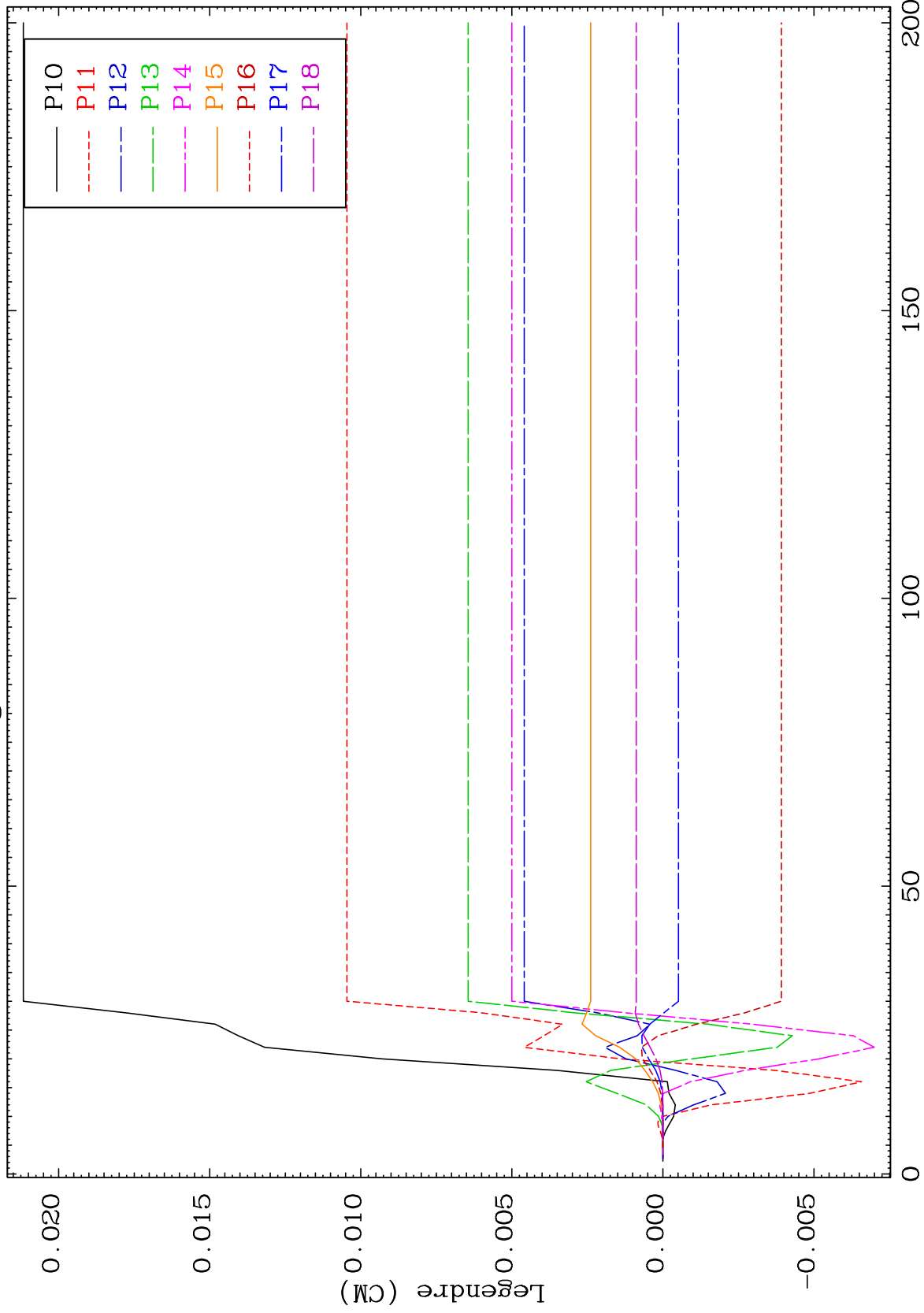
Incident Energy (MeV)

88

MAT 5113

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

51-Sb-117



89

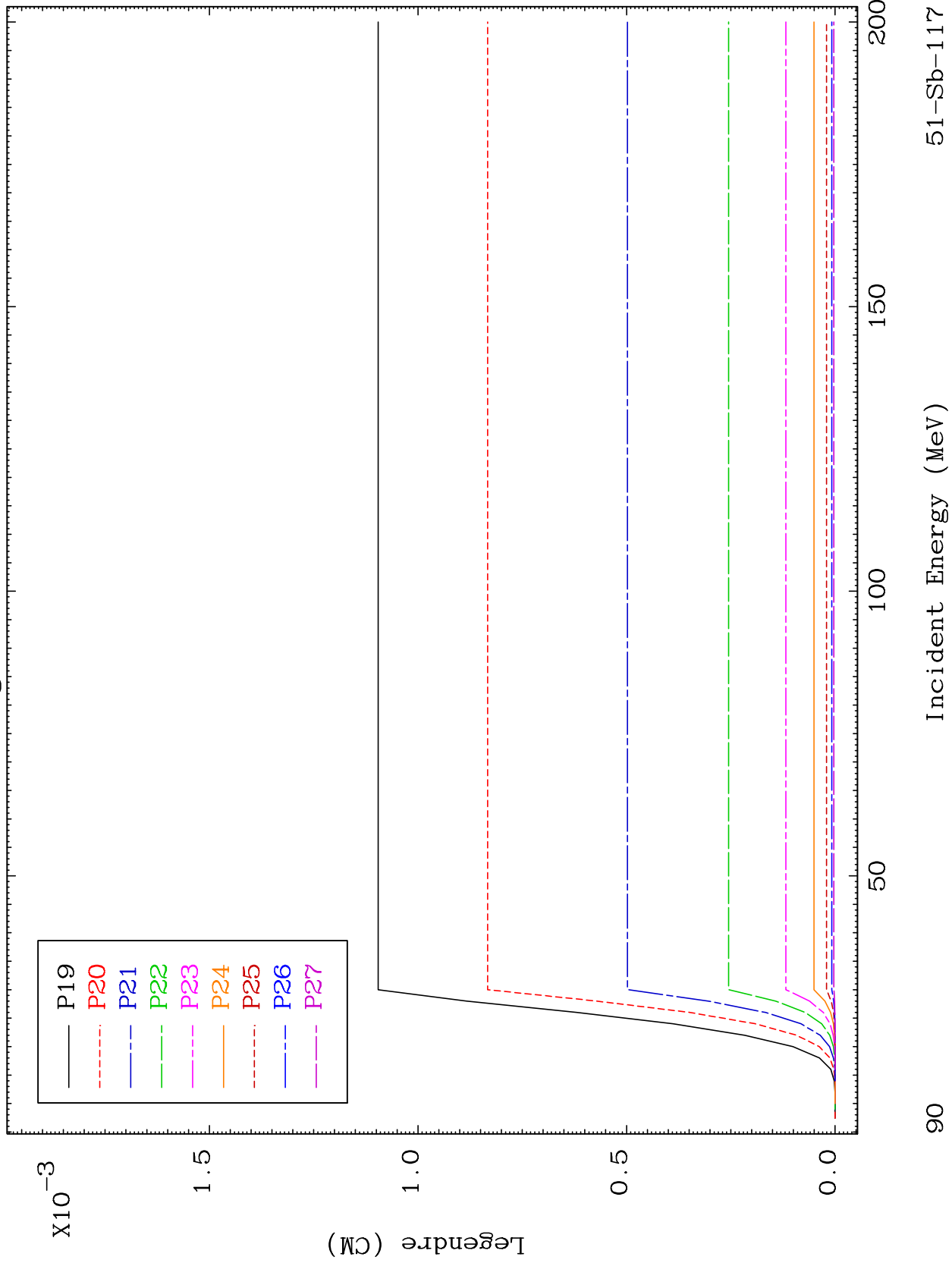
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

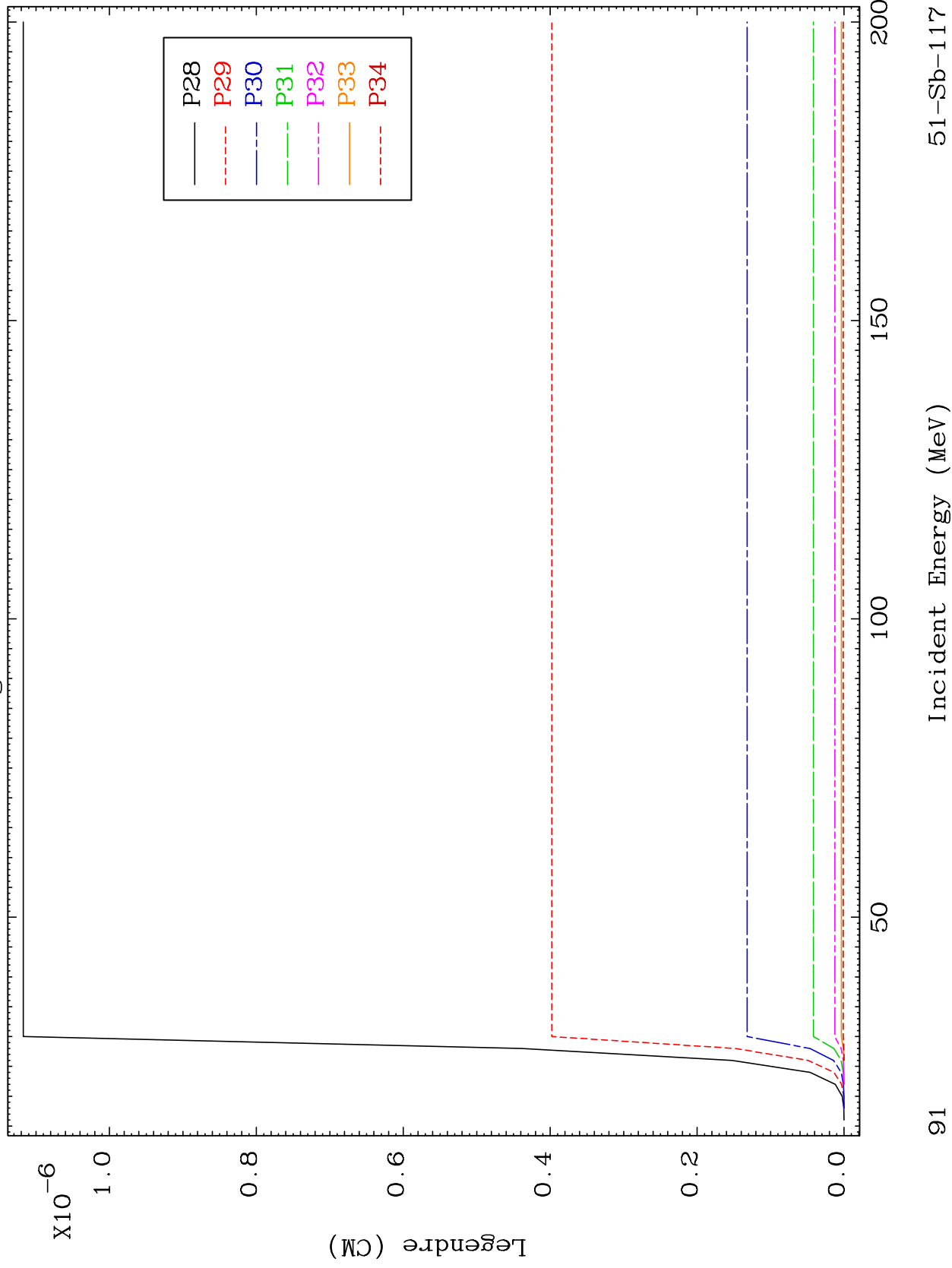
51-Sb-117



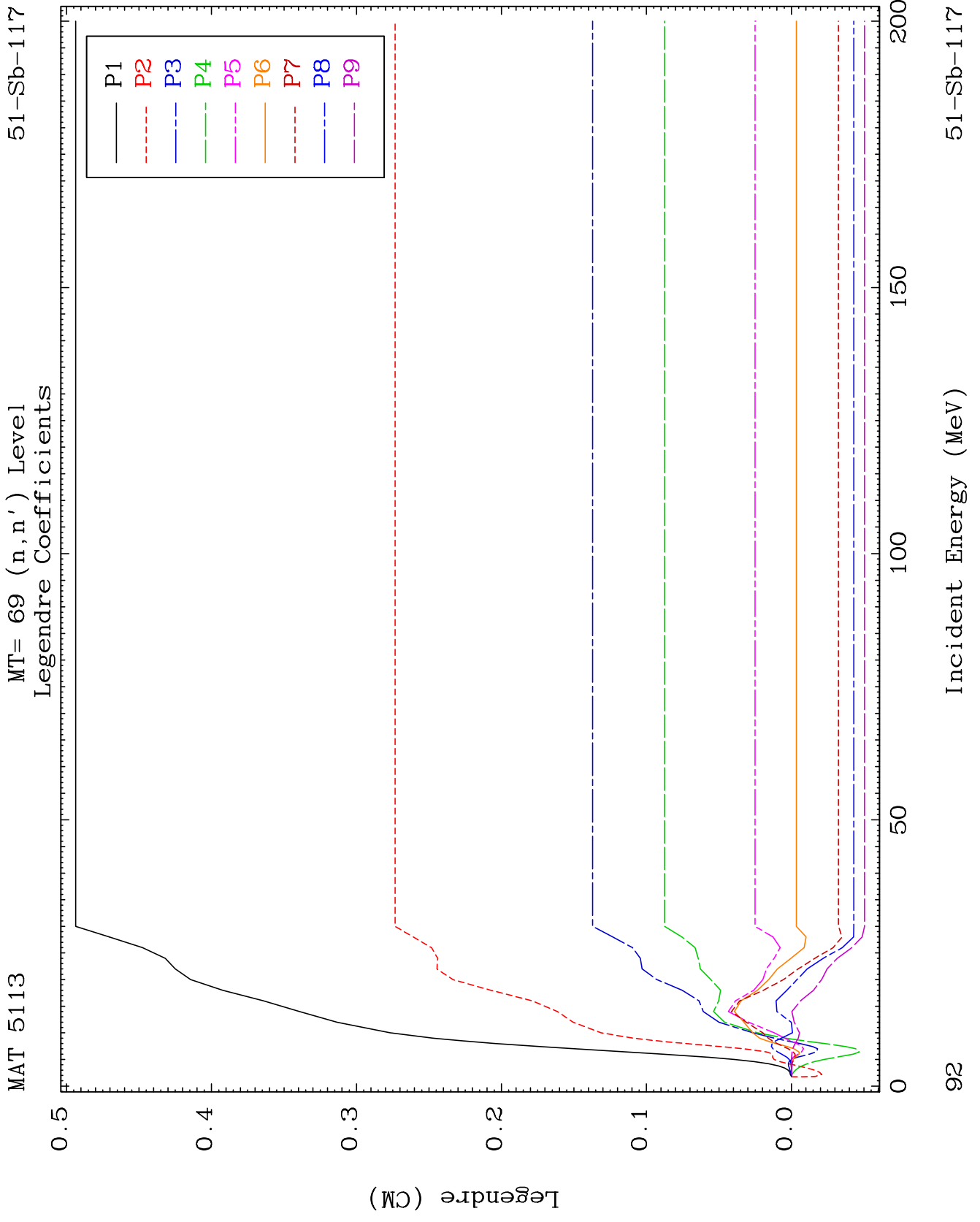
MAT 5113

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

51-Sb-117



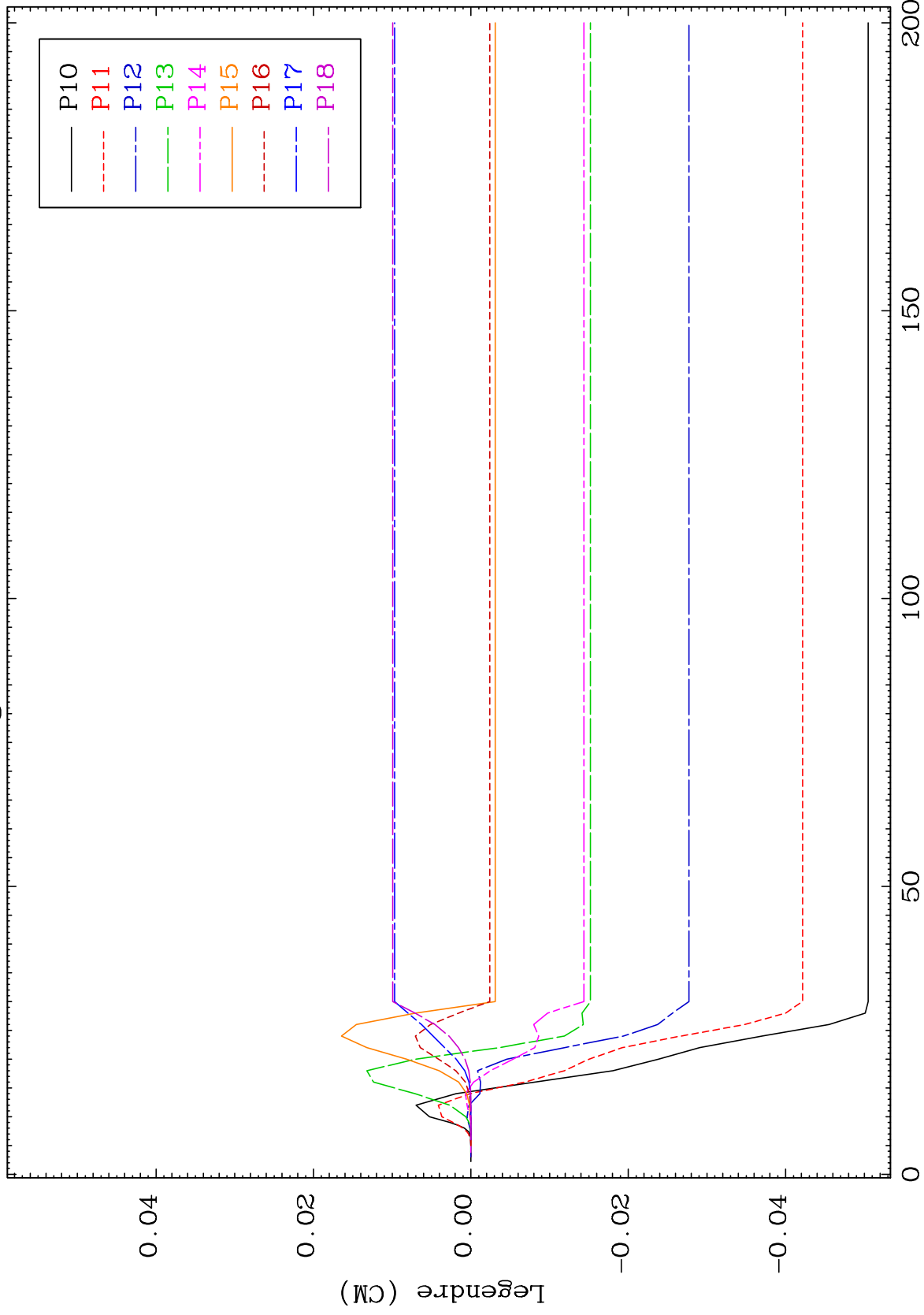
91



MAT 5113

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

51-Sb-117



93

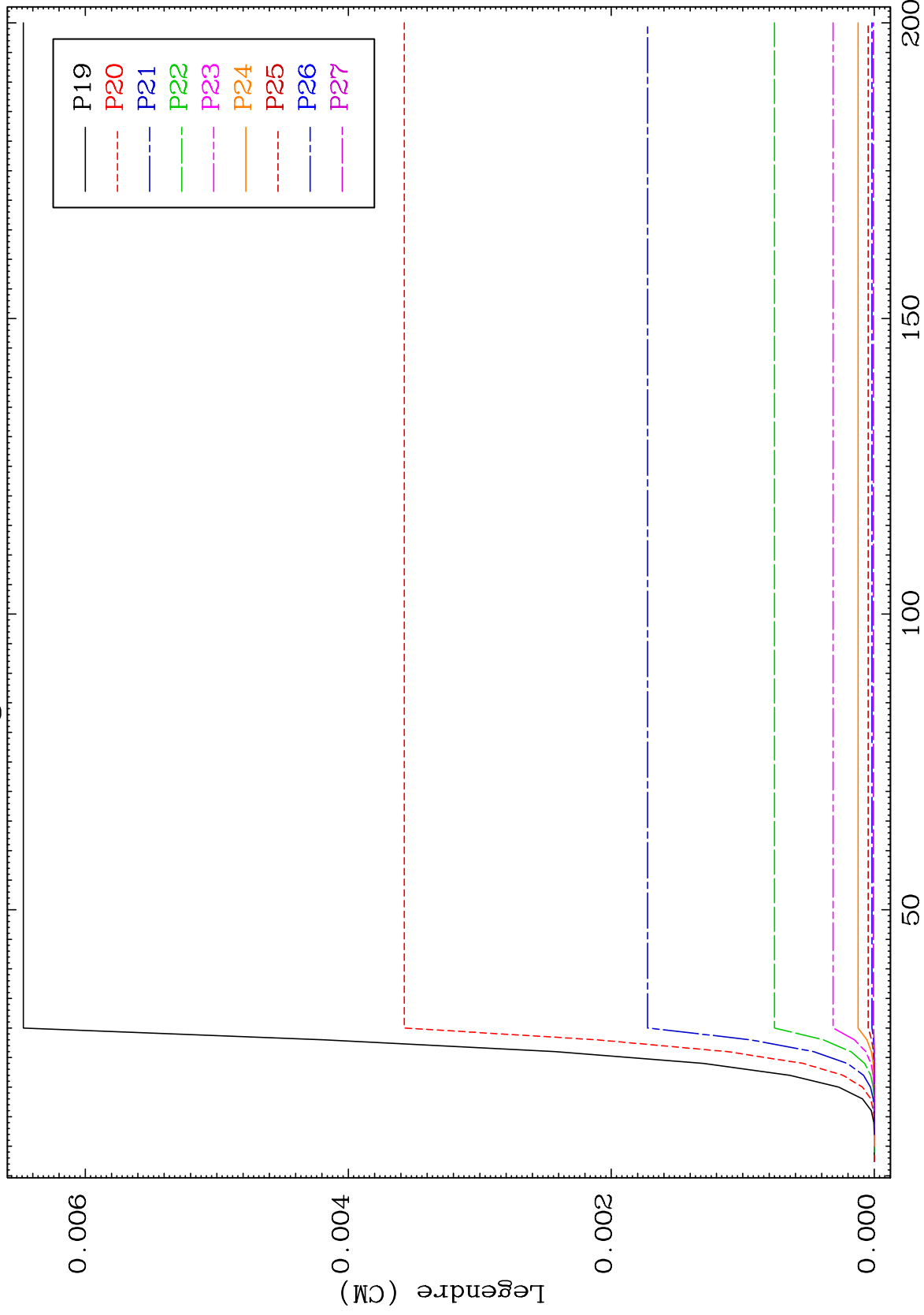
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



94

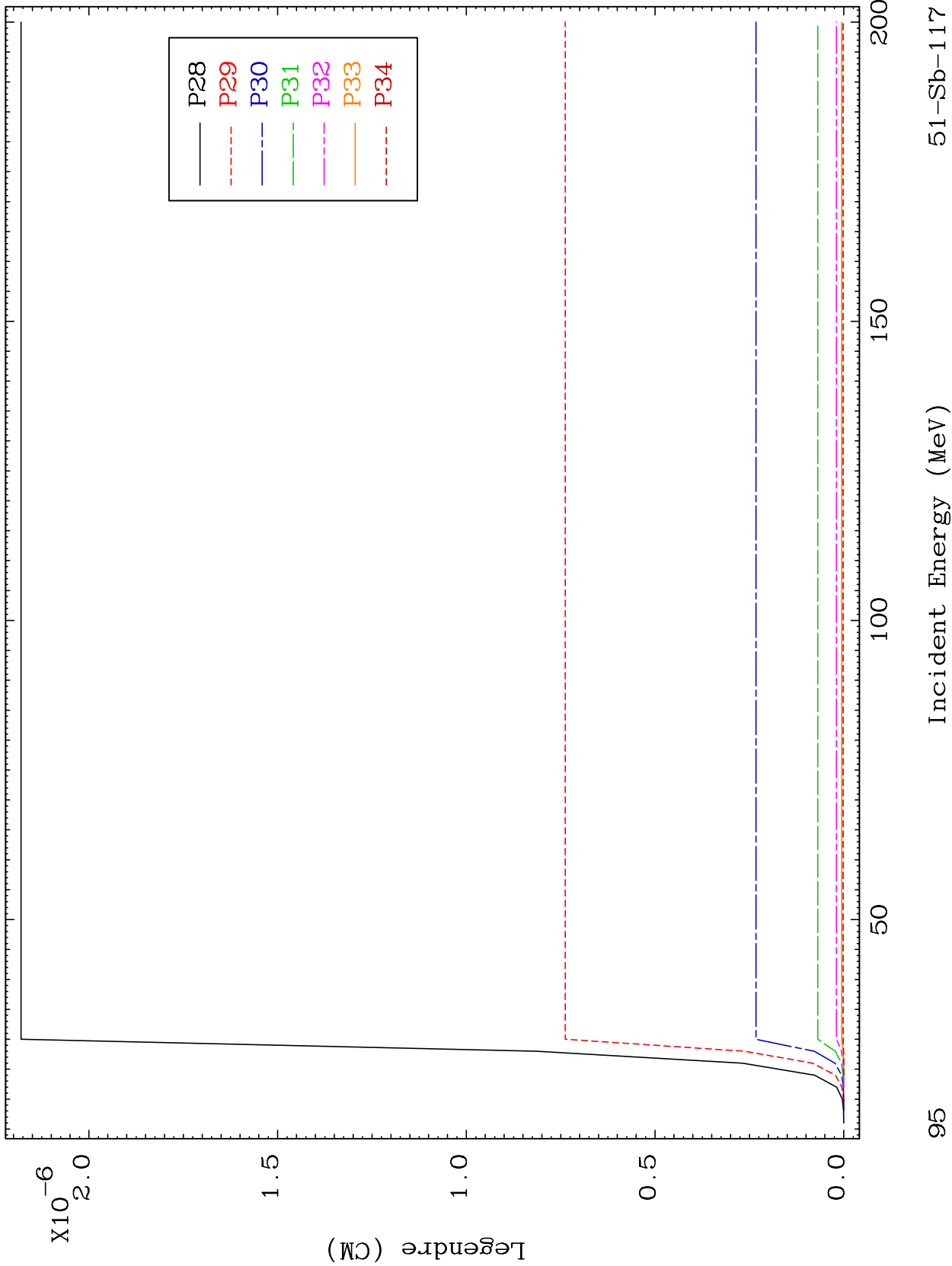
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



95

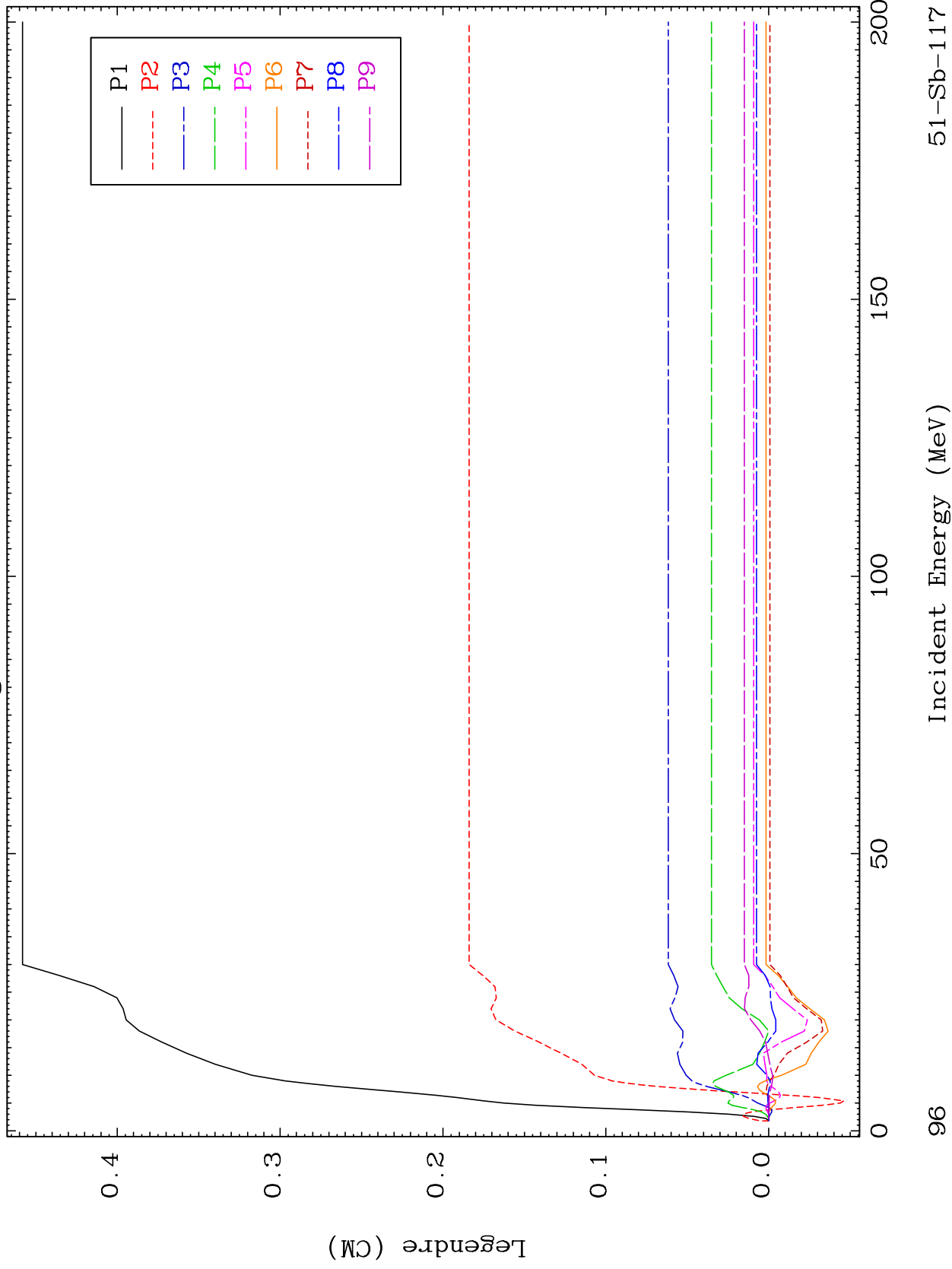
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



51-Sb-117

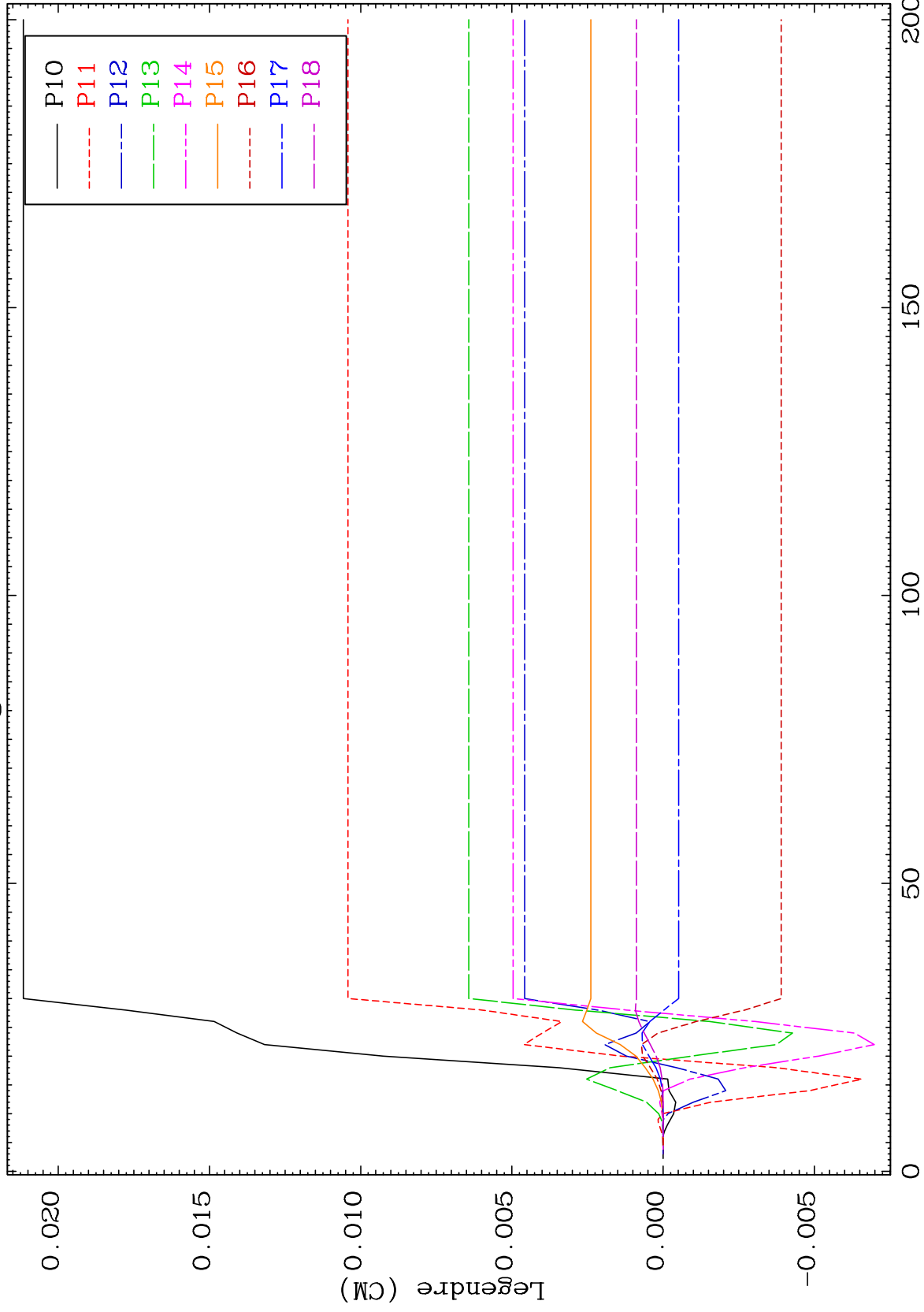
Incident Energy (MeV)

96

MAT 5113

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

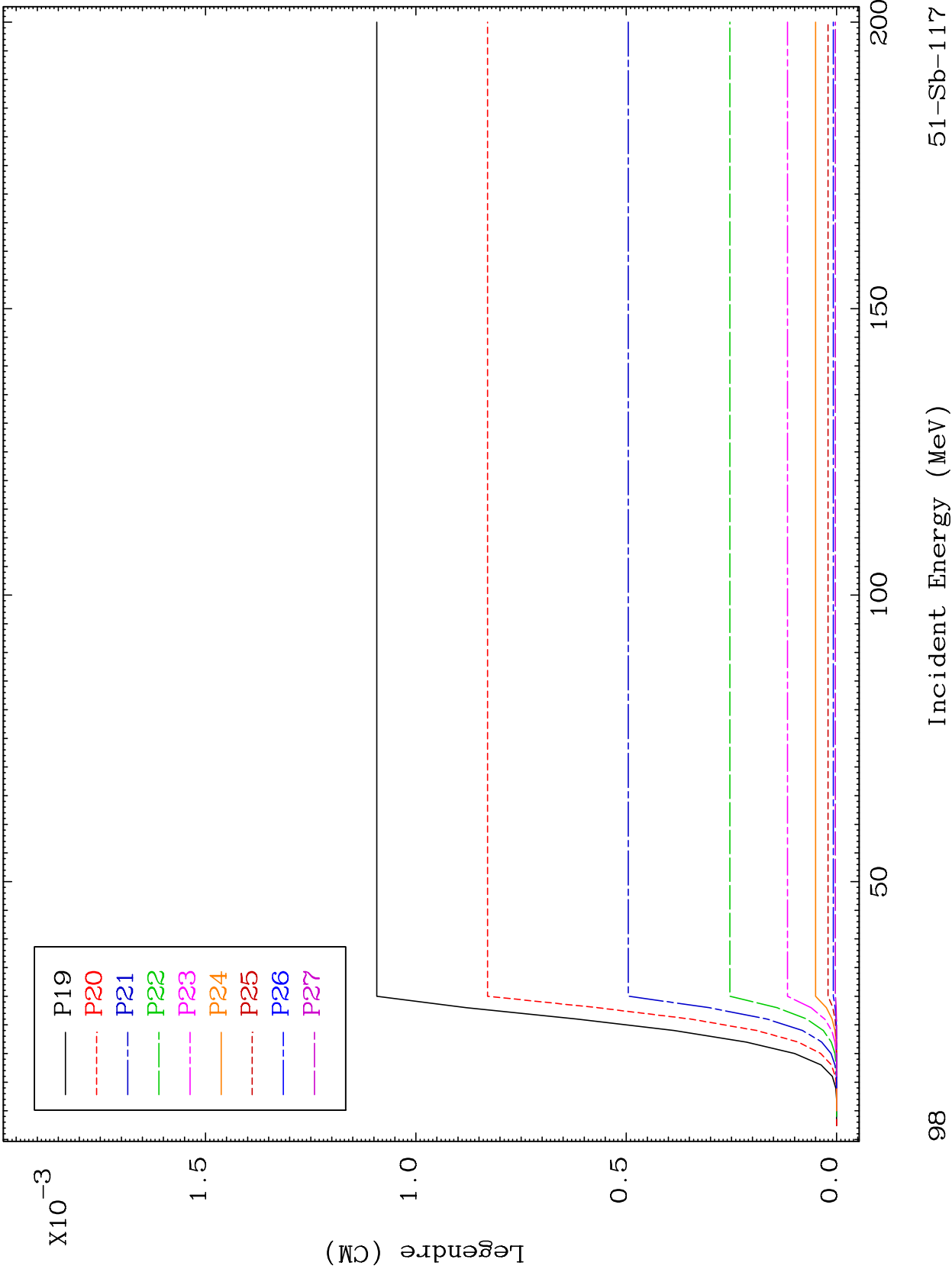
51-Sb-117



97

Incident Energy (MeV)

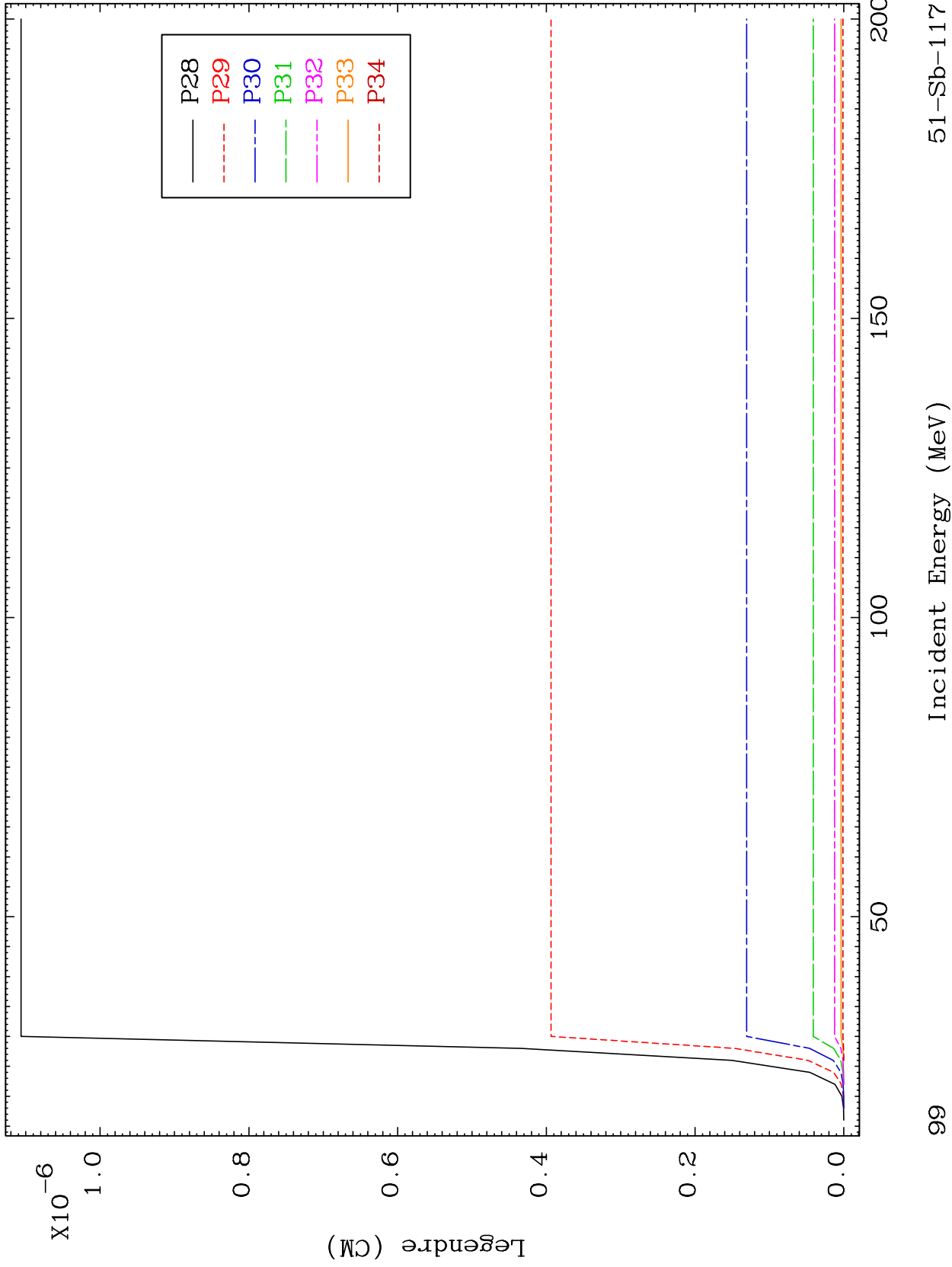
51-Sb-117

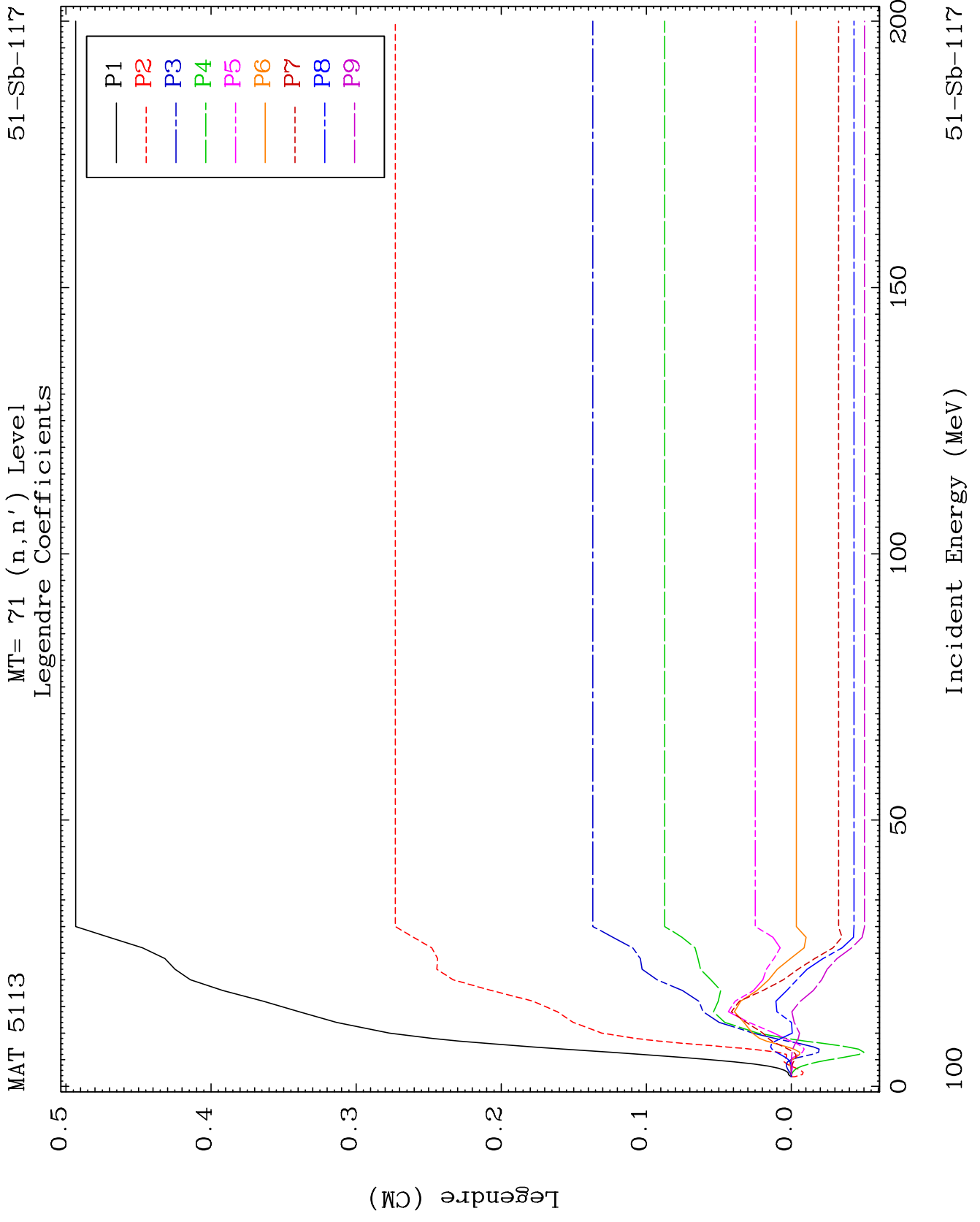


MAT 5113

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

51-Sb-117

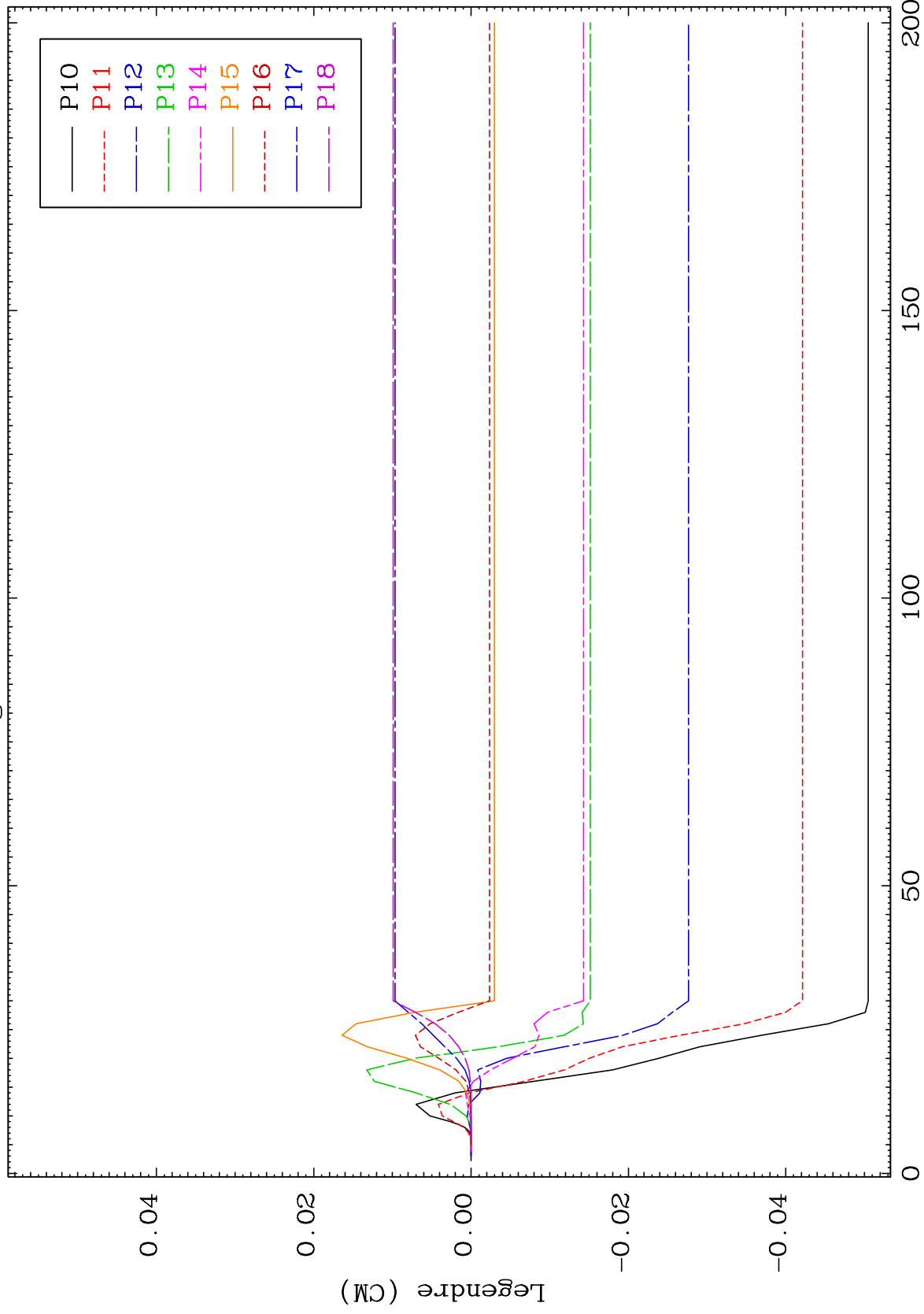




MAT 5113

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

51-Sb-117



101

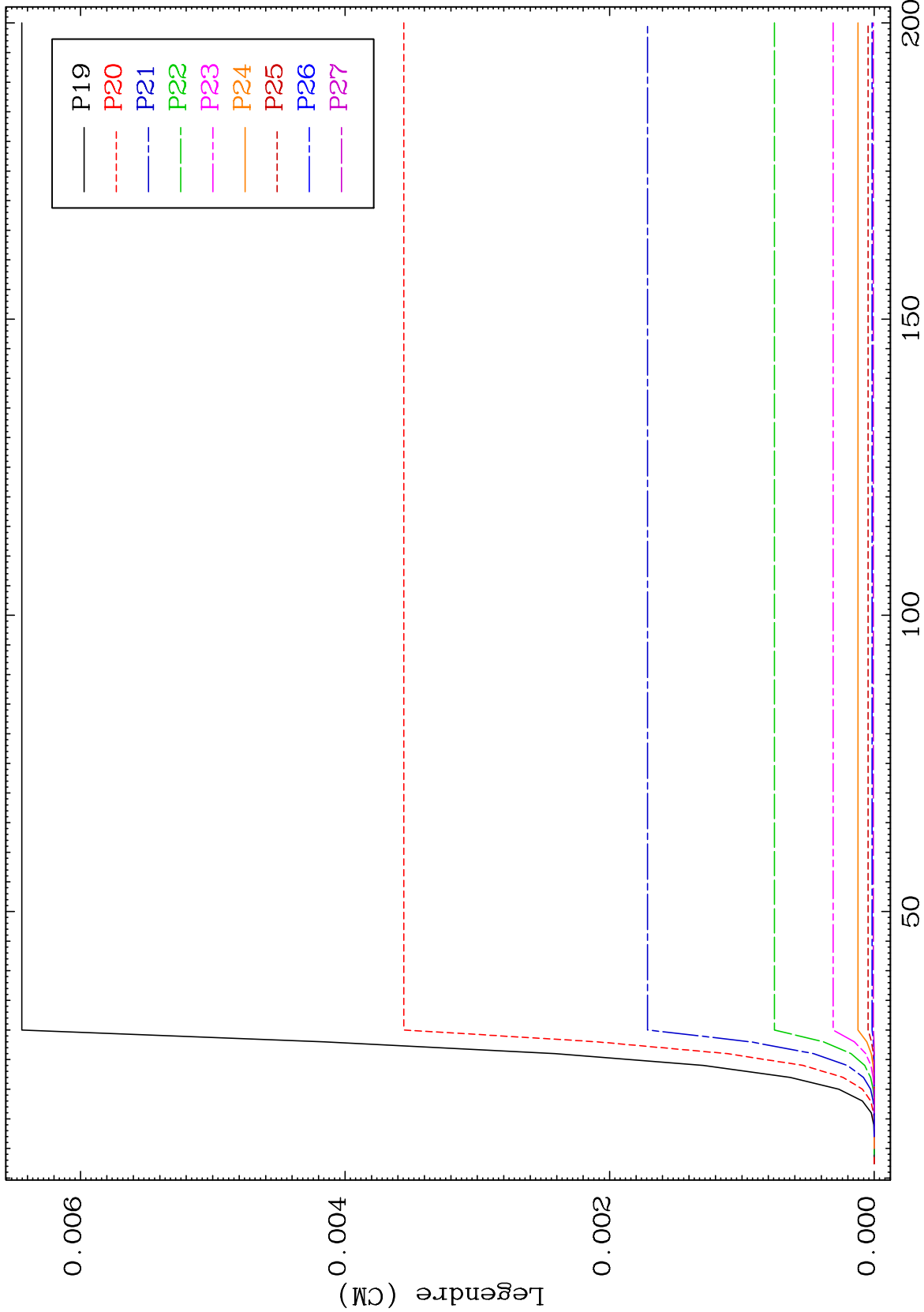
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



102

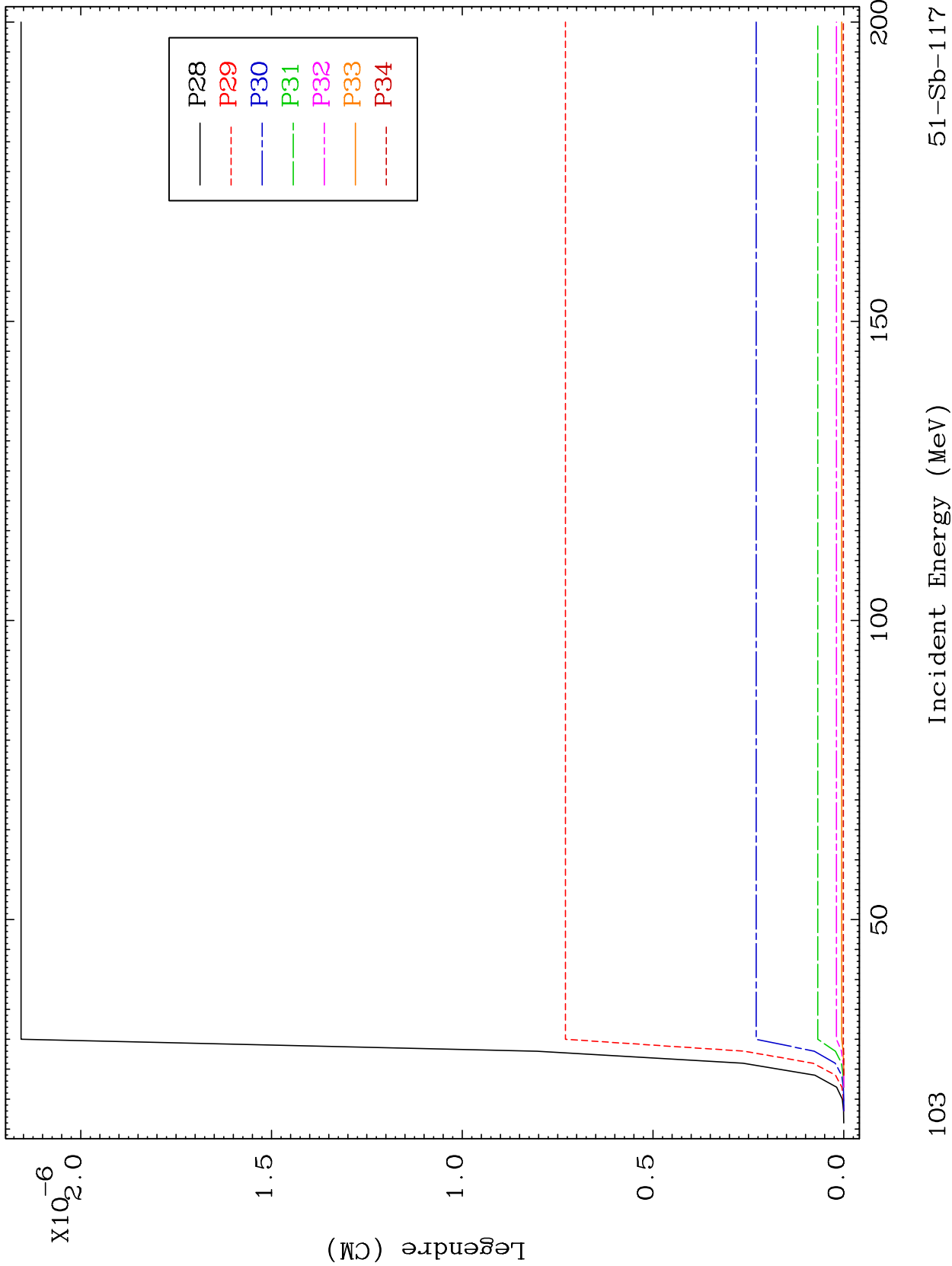
Incident Energy (MeV)

51-Sb-117

MAT 5113

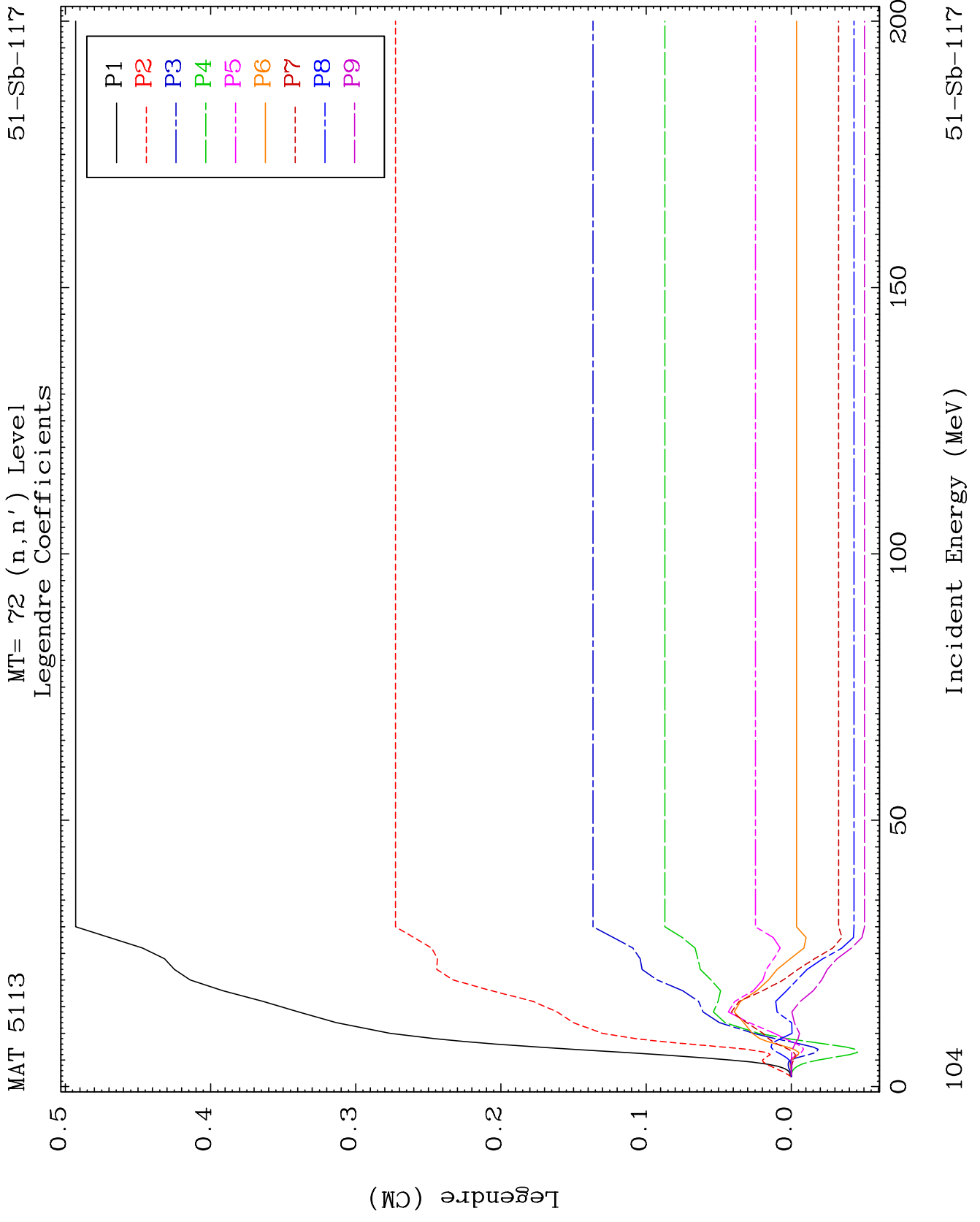
MT= 71 (n,n') Level
Legendre Coefficients

51-Sb-117



103

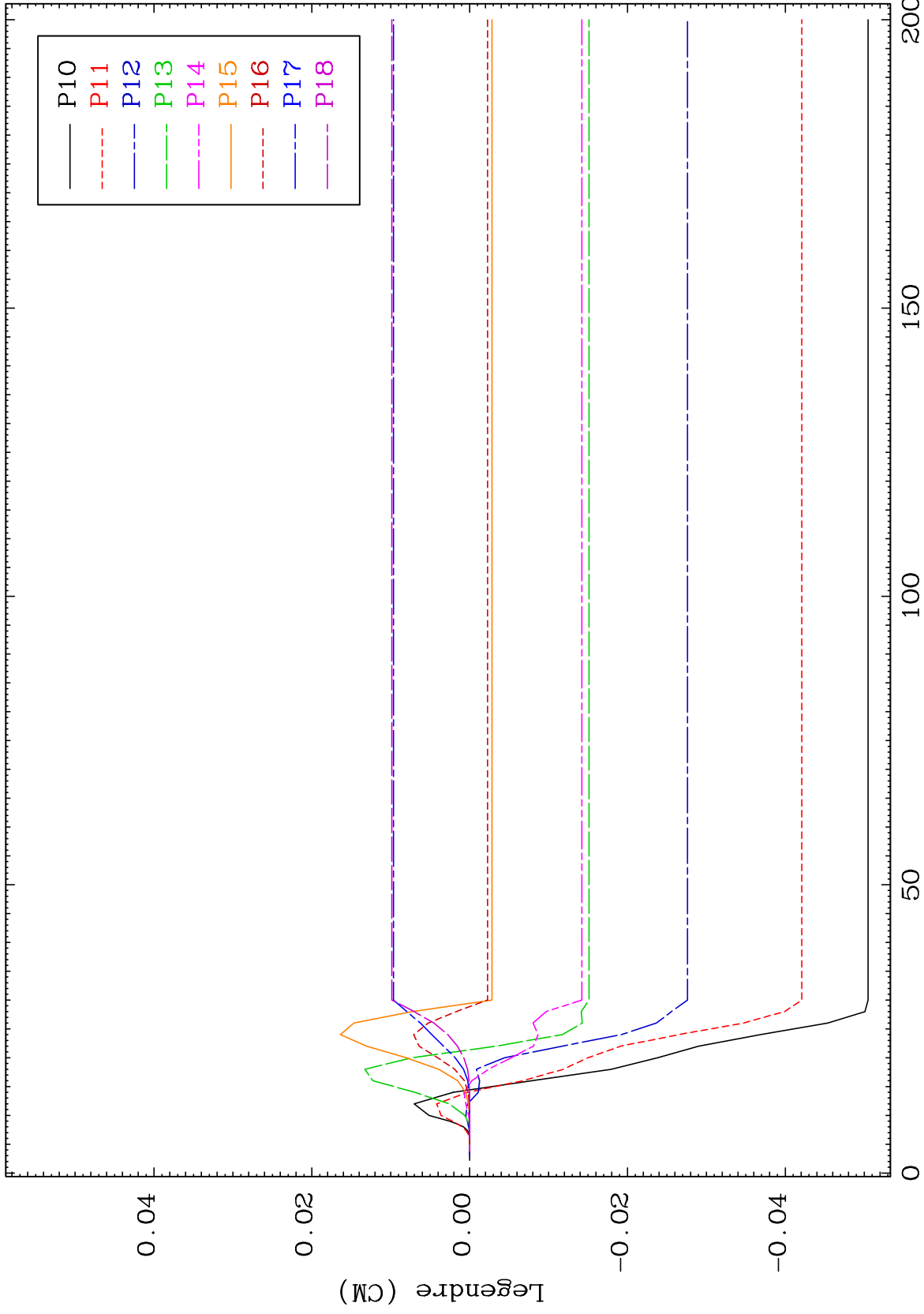
51-Sb-117



MAT 5113

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

51-Sb-117



105

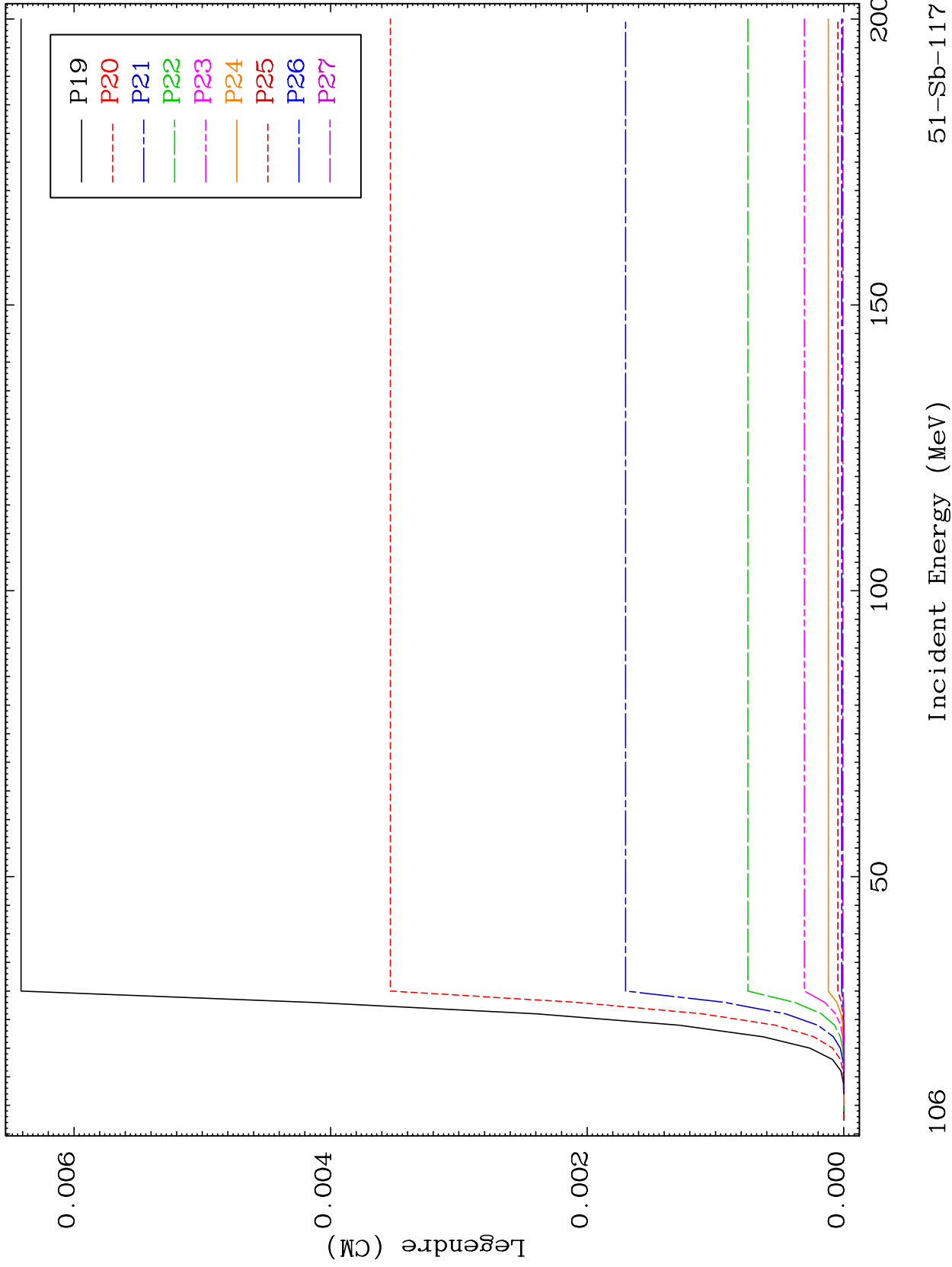
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



106

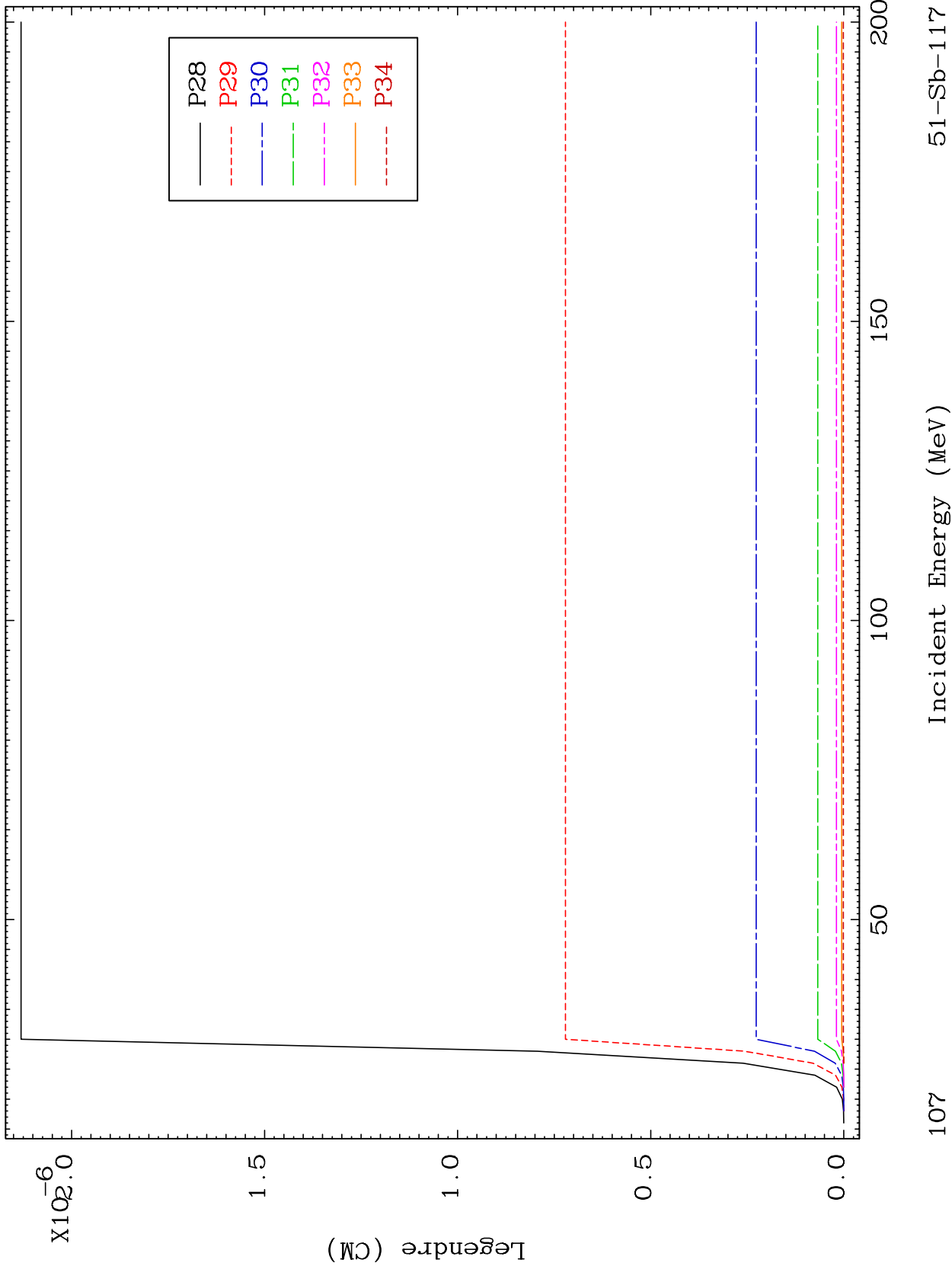
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



107

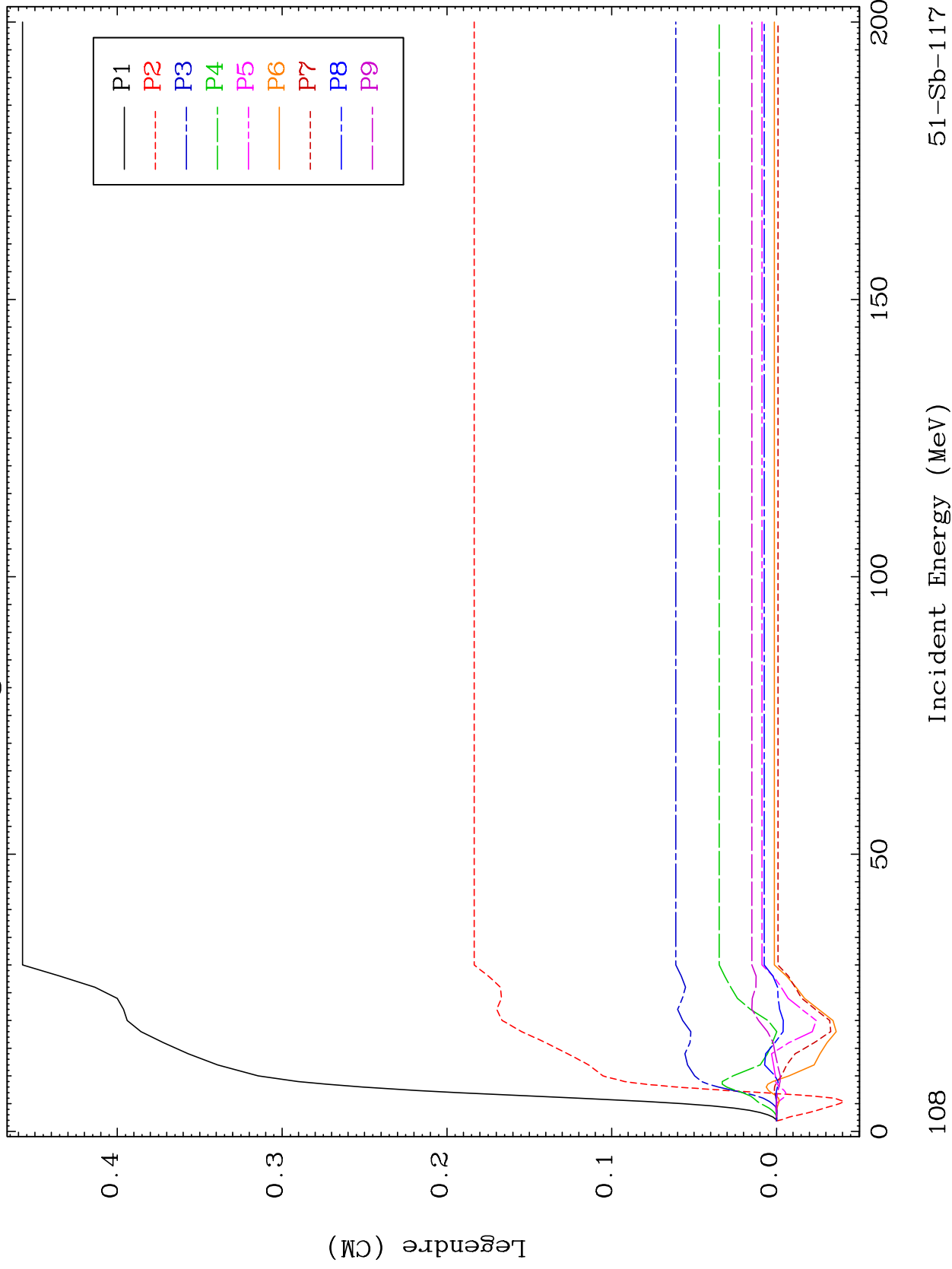
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



51-Sb-117

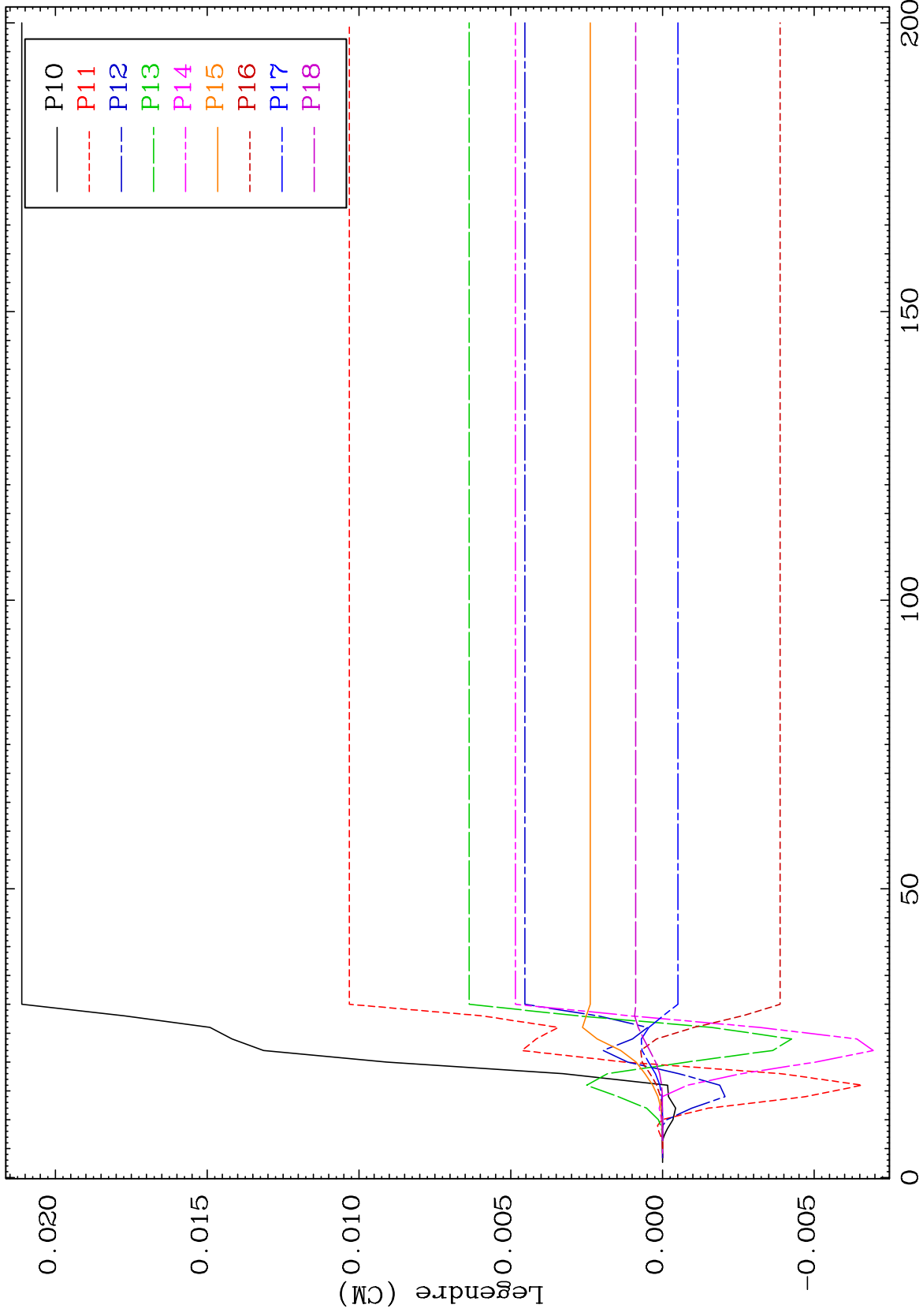
Incident Energy (MeV)

108

MAT 5113

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

51-Sb-117



109

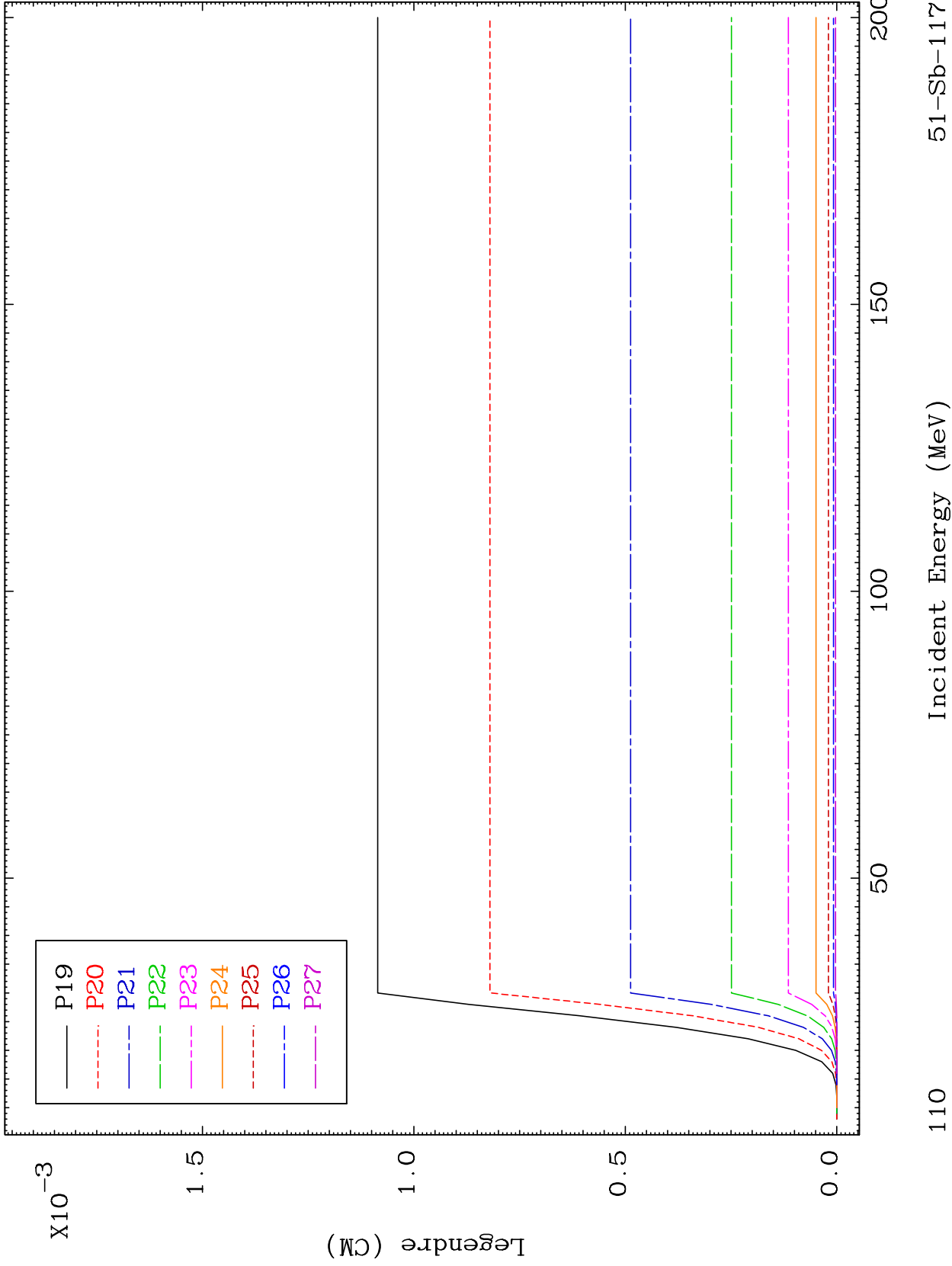
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

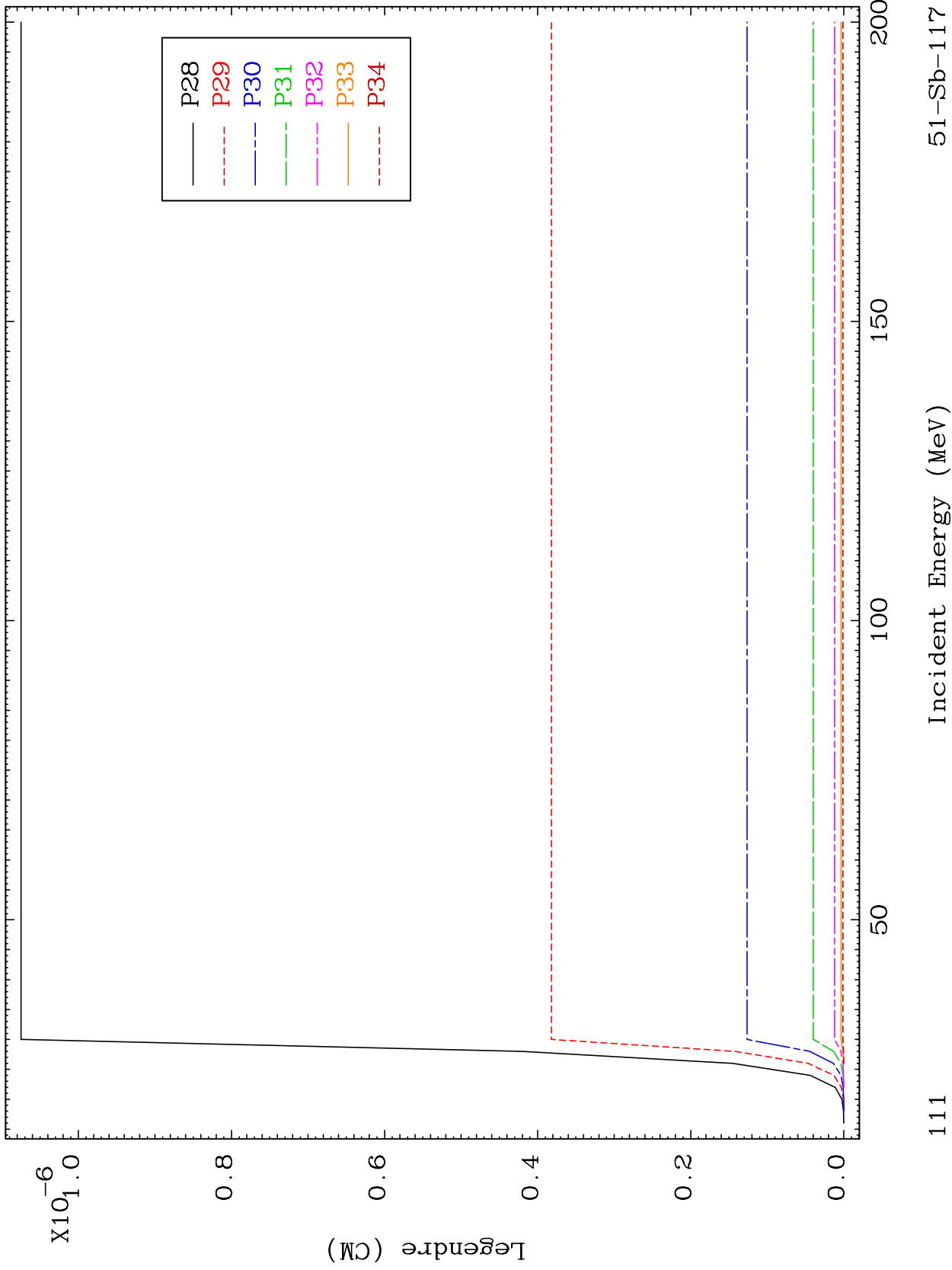
51-Sb-117



MAT 5113

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

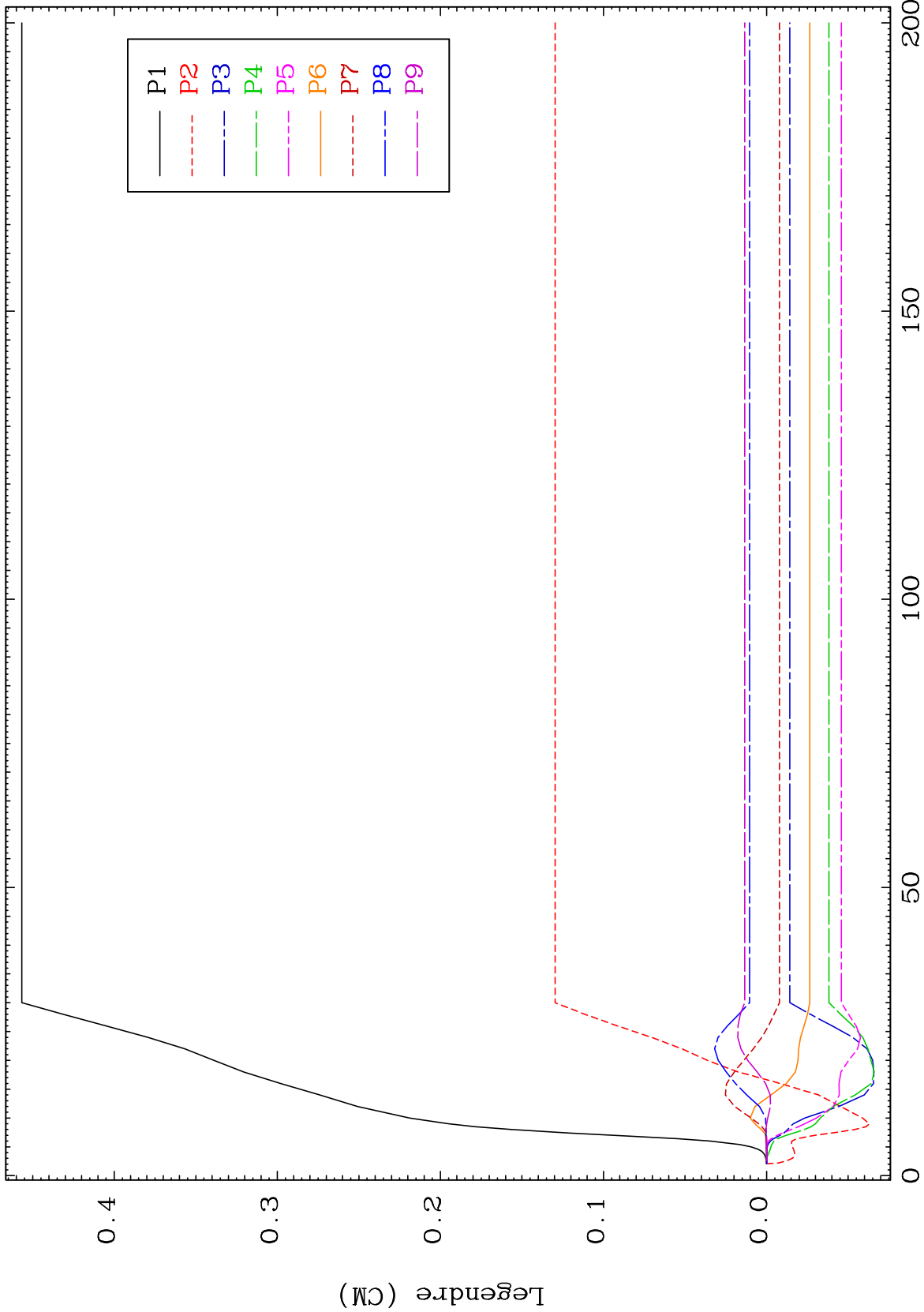
51-Sb-117



MAT 5113

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

51-Sb-117



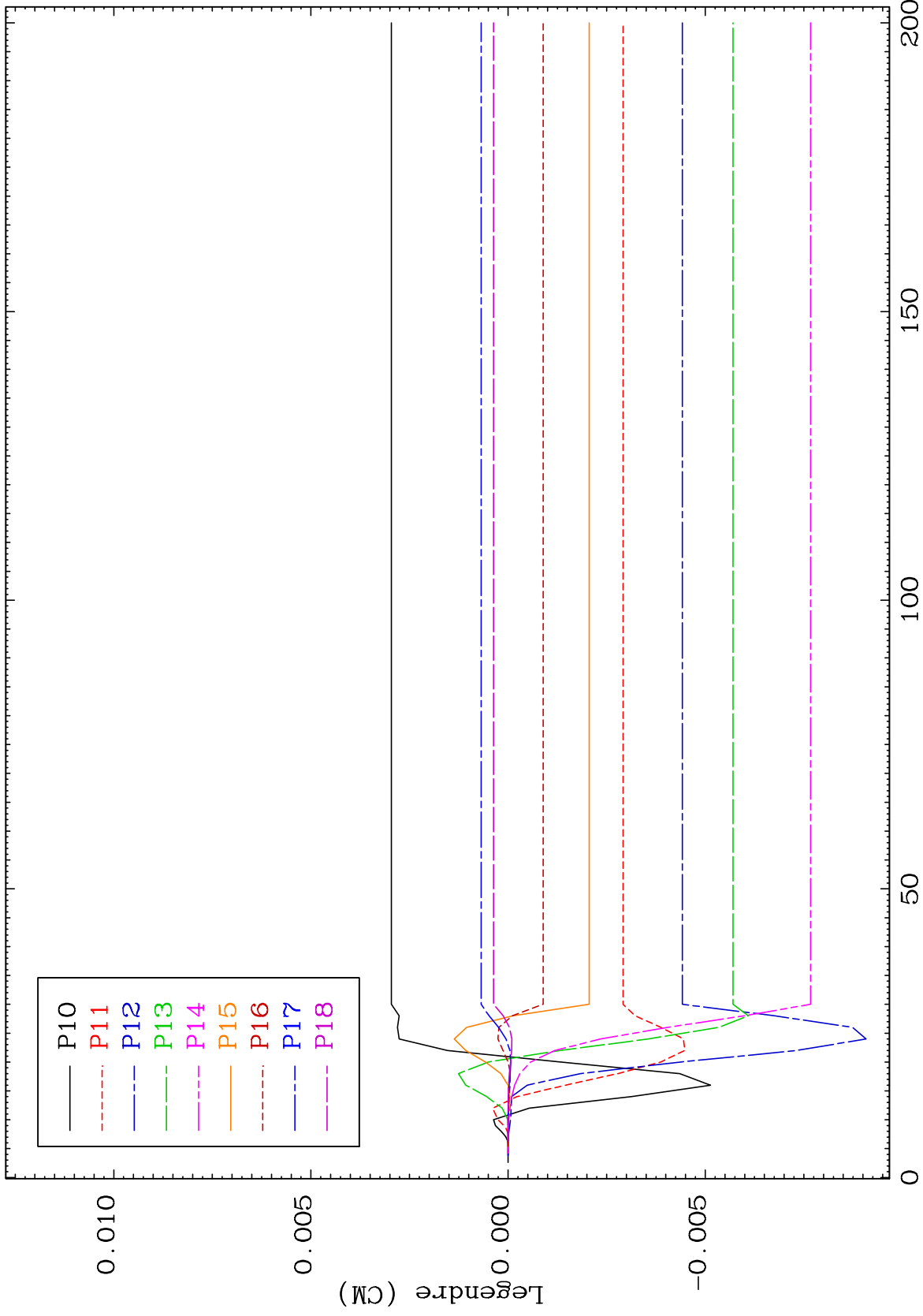
112

51-Sb-117

MAT 5113

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

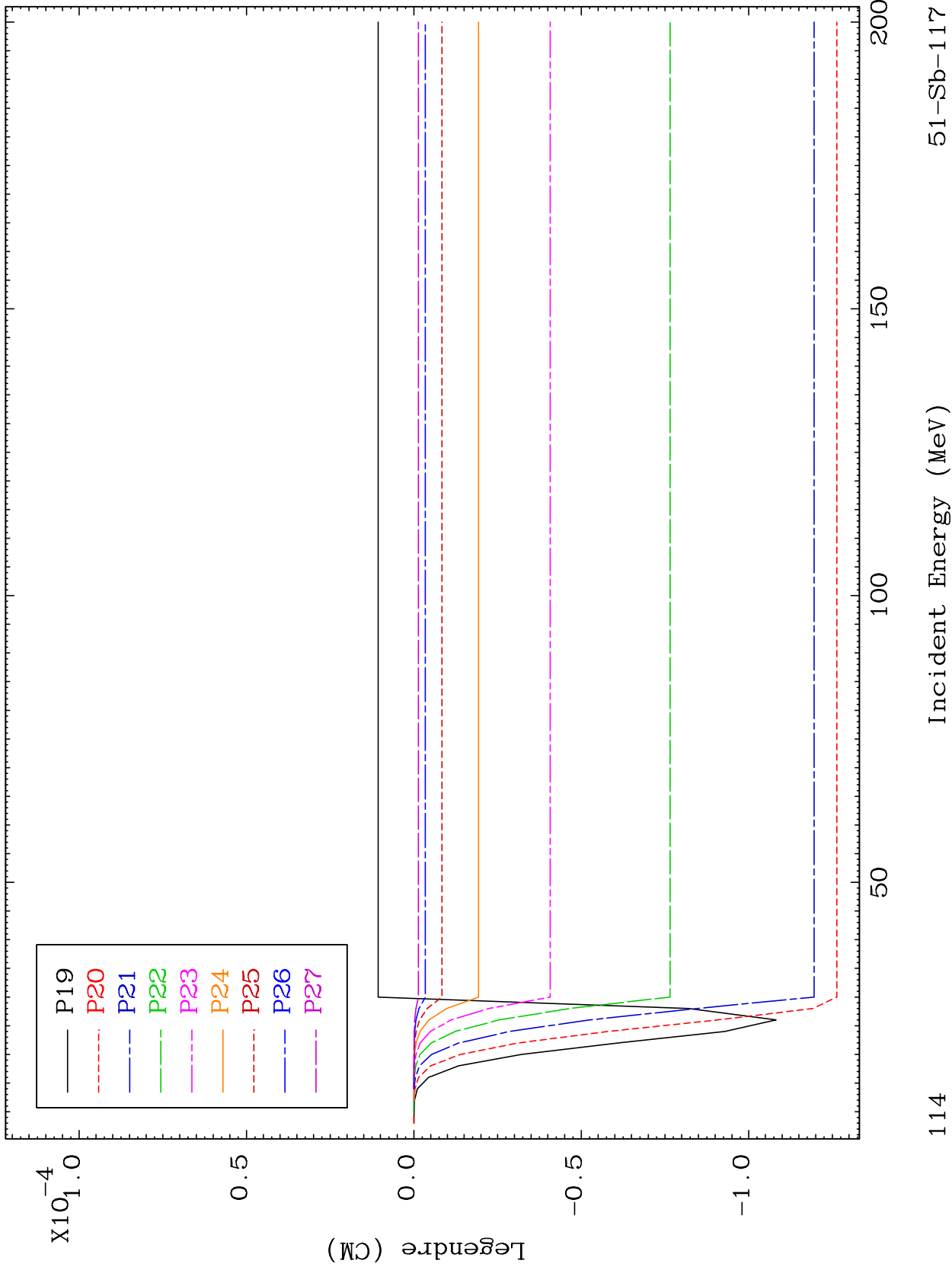
51-Sb-117



113

Incident Energy (MeV)

51-Sb-117

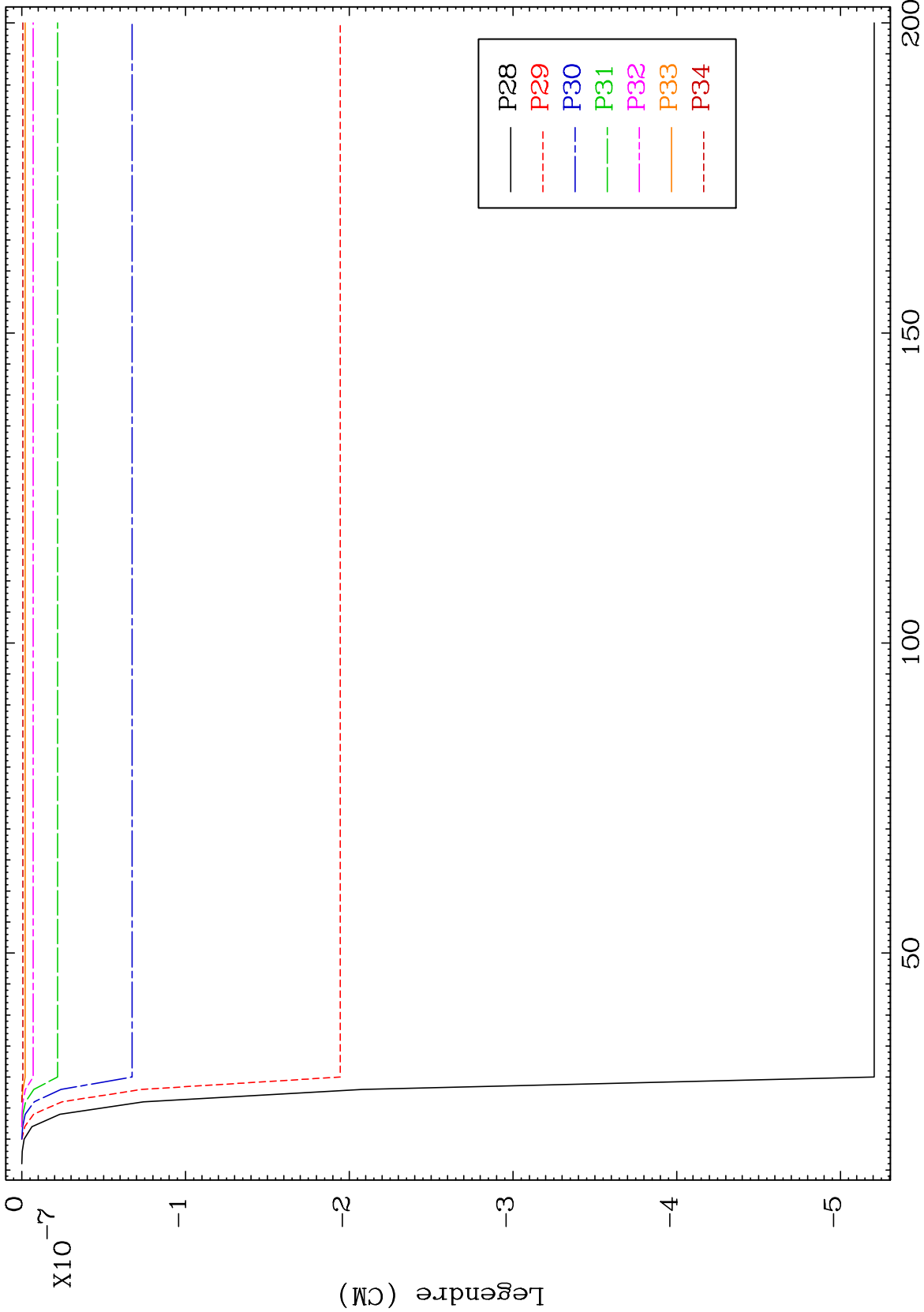


MAT 5113

MT= 74 (n,n') Level

51-Sb-117

Legendre Coefficients



115

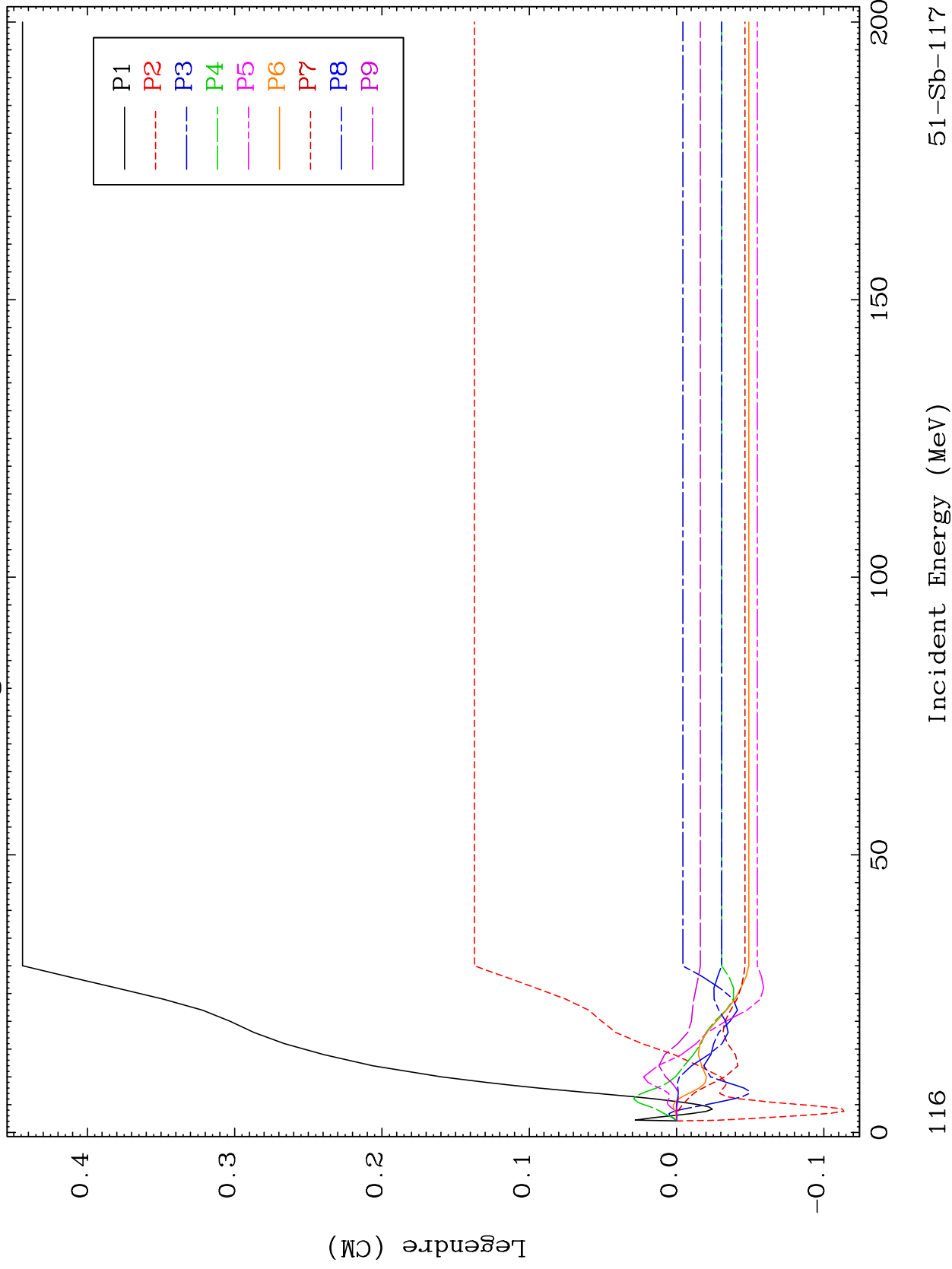
Incident Energy (MeV)

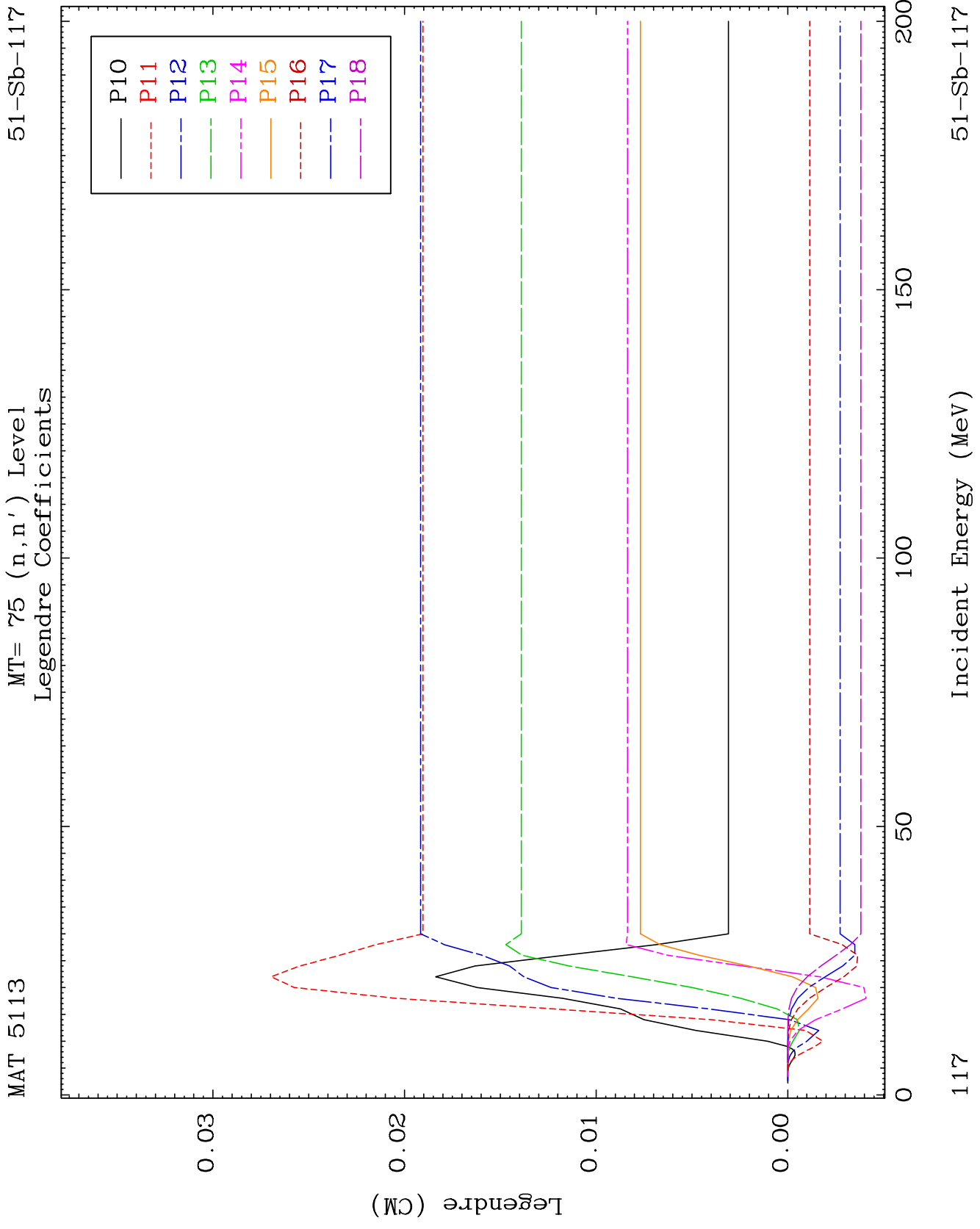
51-Sb-117

MAT 5113

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

51-Sb-117

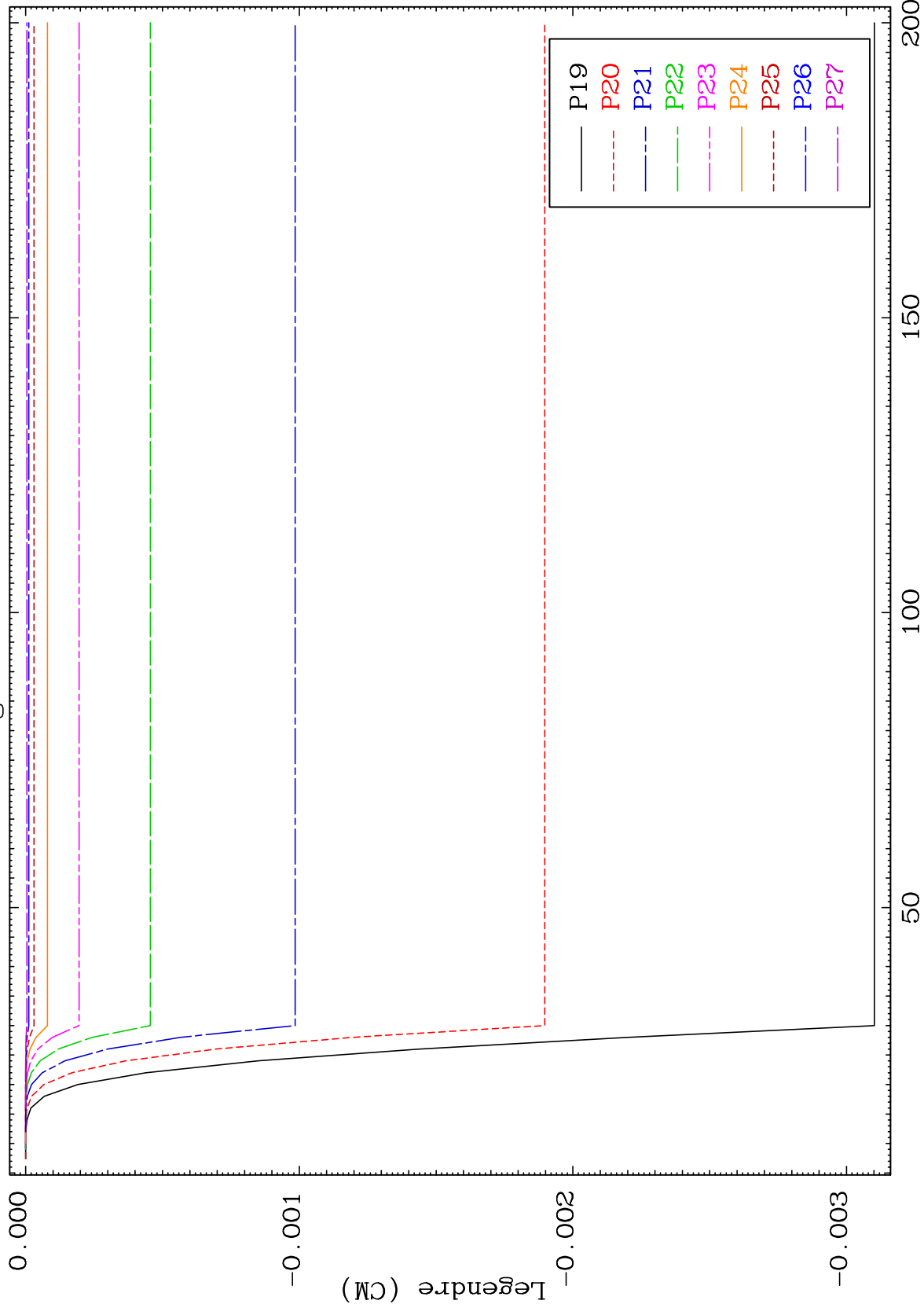




MAT 5113

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

51-Sb-117



118

Incident Energy (MeV)

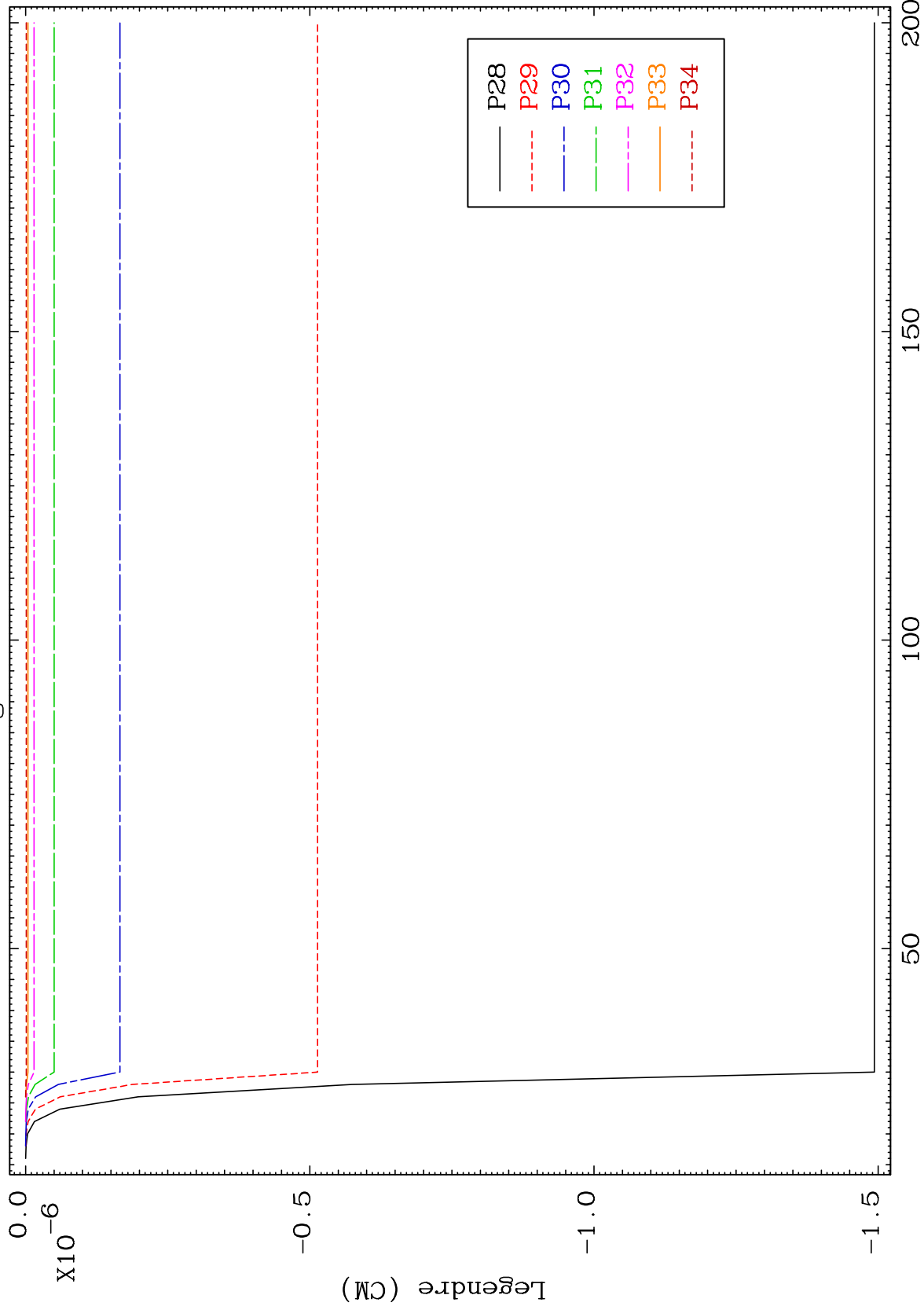
51-Sb-117

MAT 5113

MT= 75 (n,n') Level

51-Sb-117

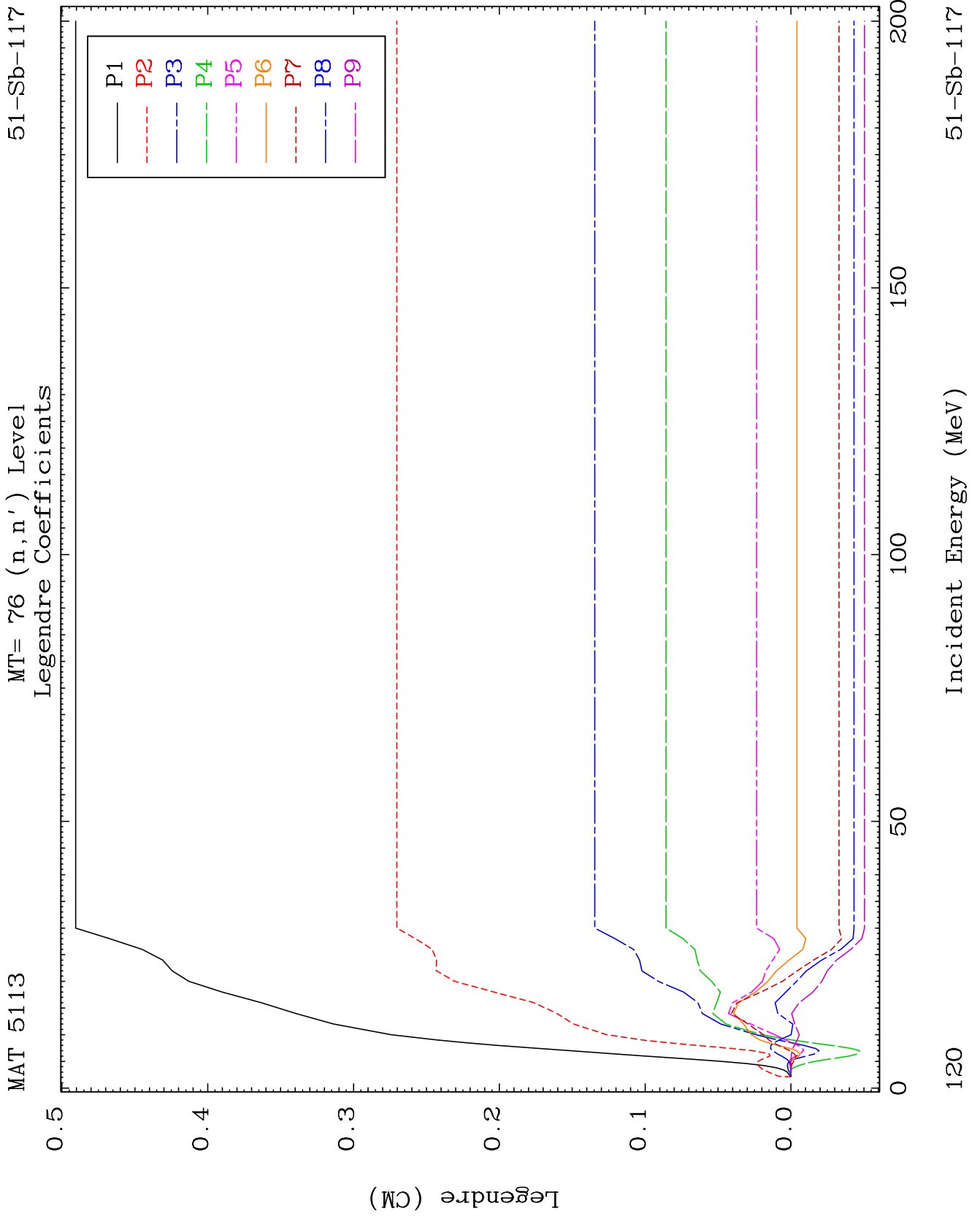
Legendre Coefficients



119

Incident Energy (MeV)

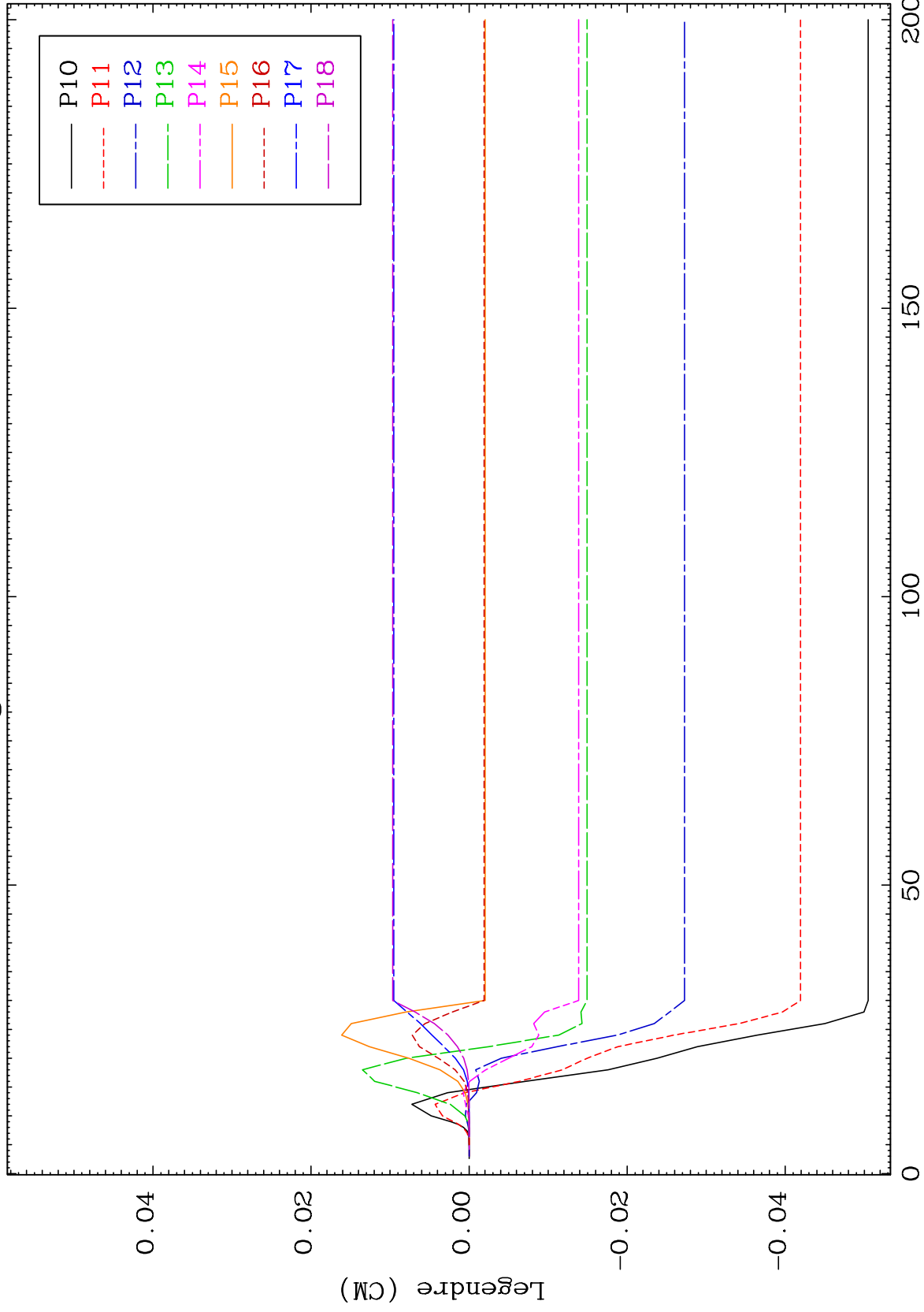
51-Sb-117



MAT 5113

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

51-Sb-117



121

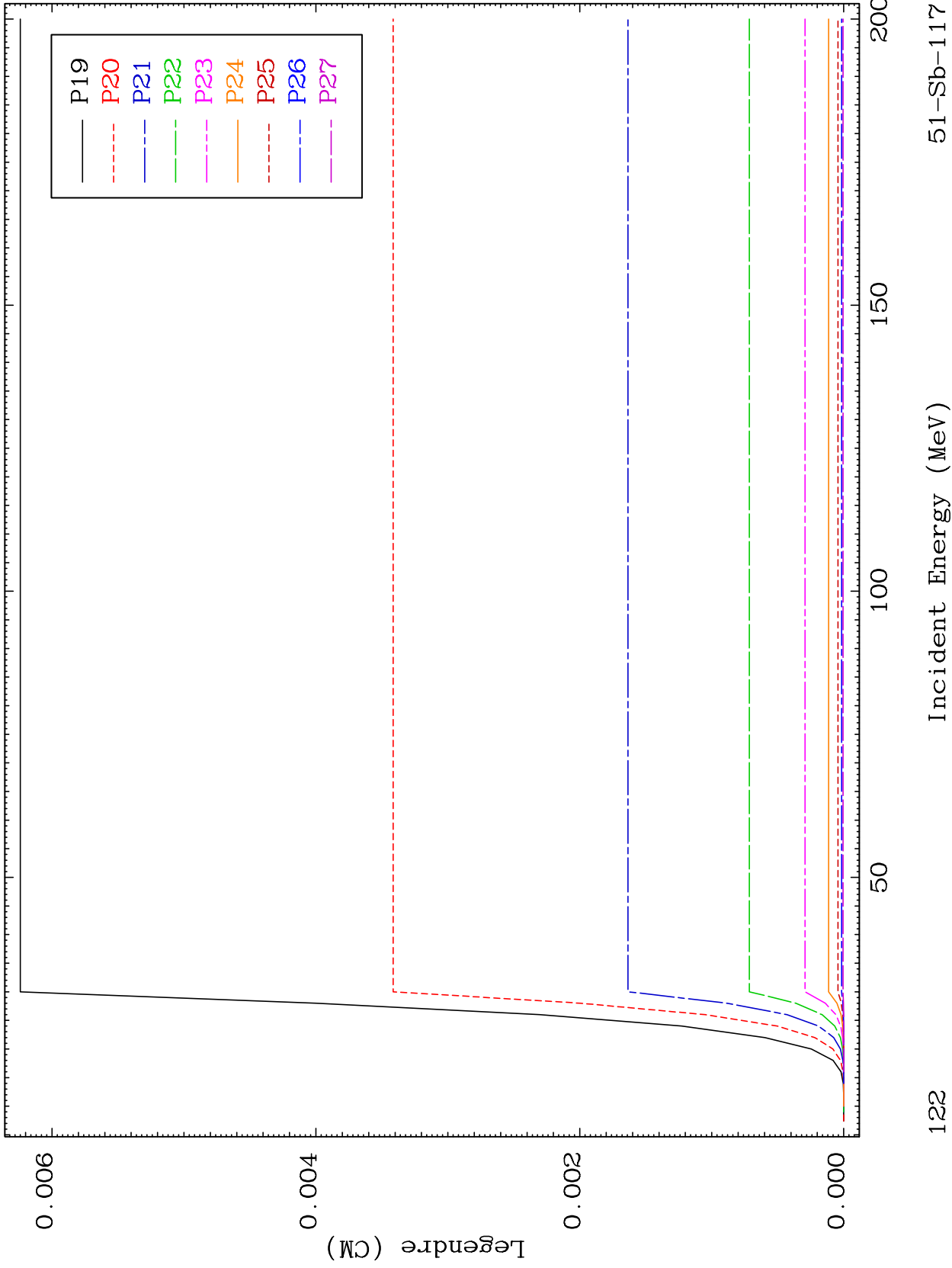
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



122

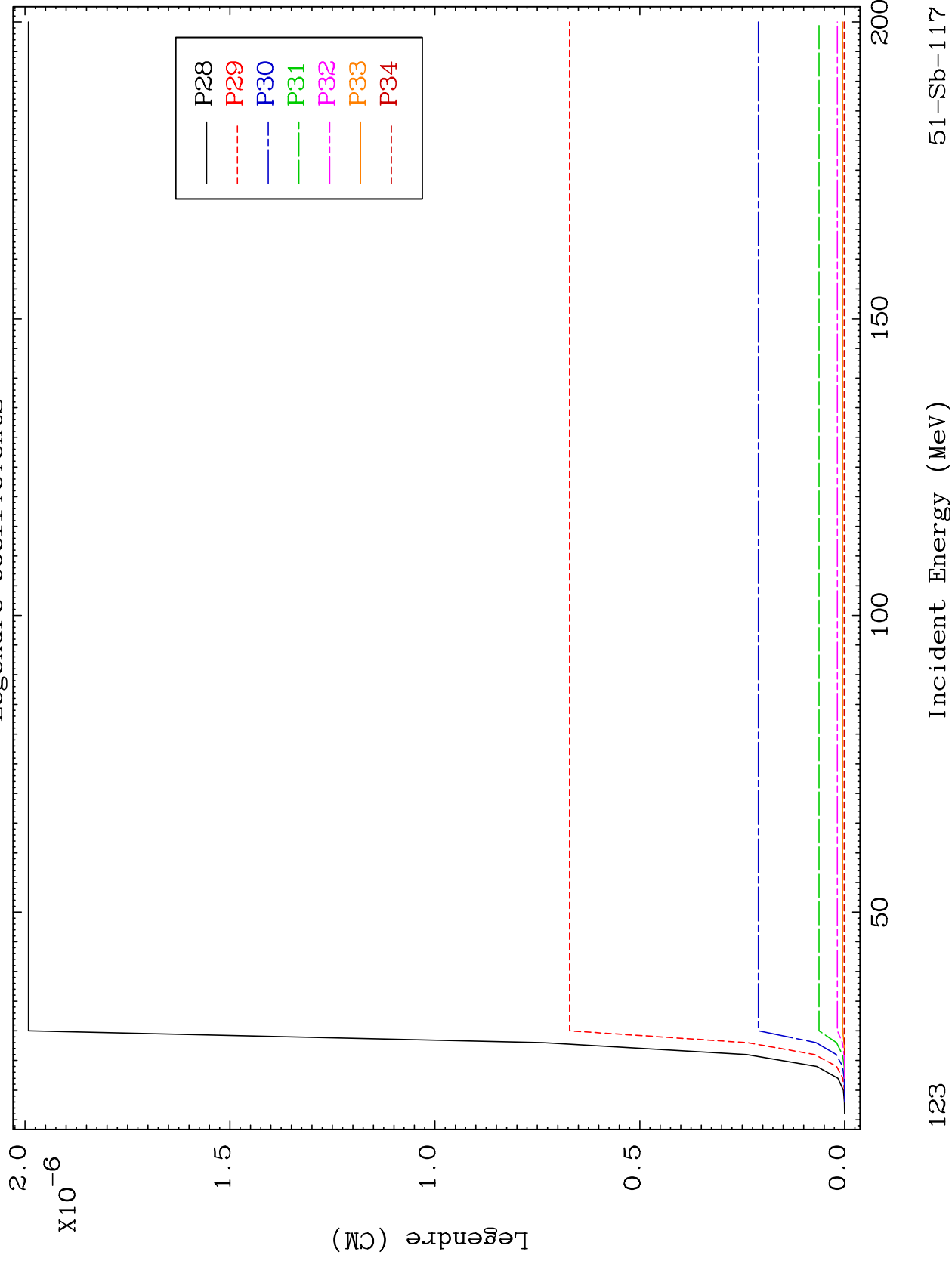
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

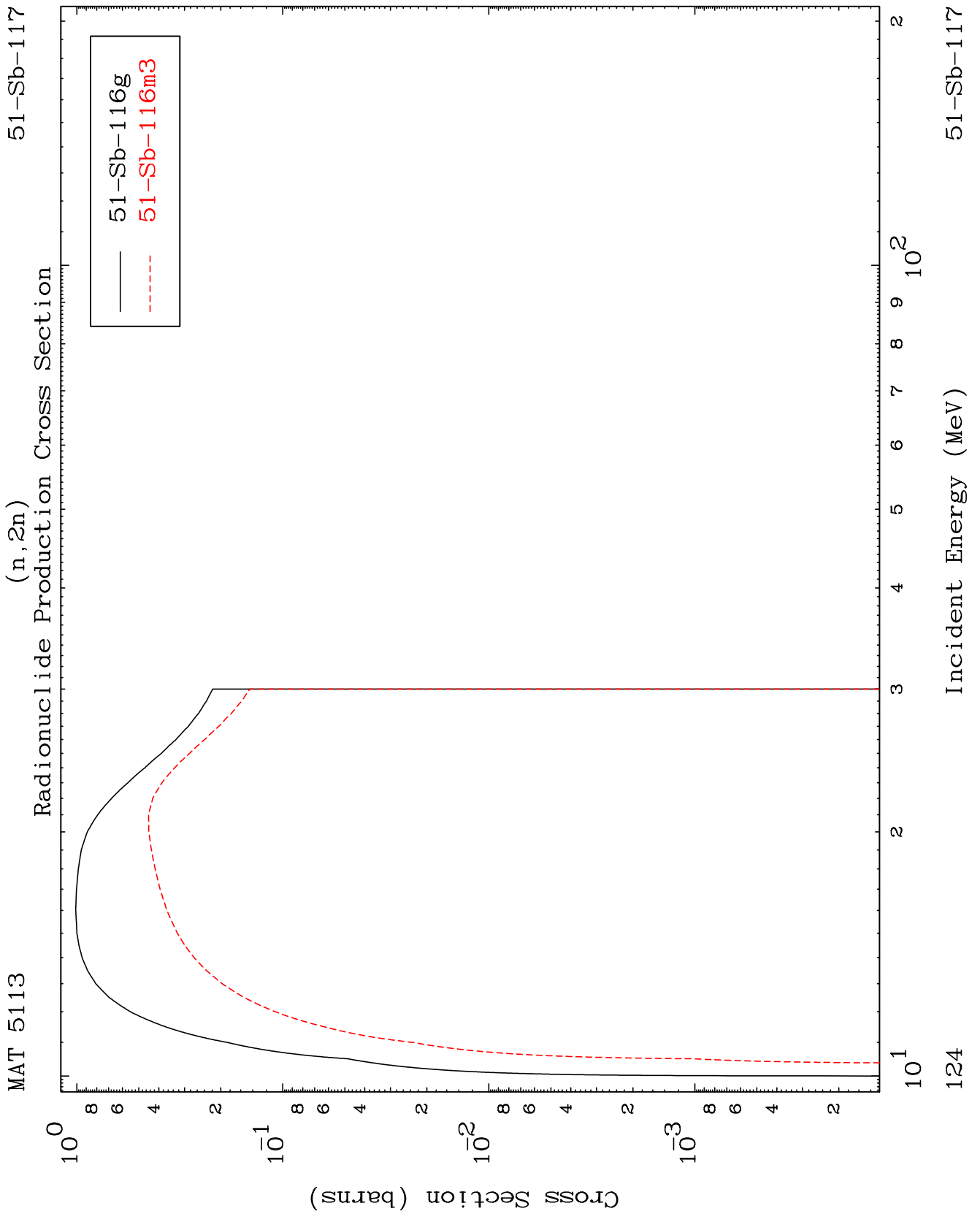
51-Sb-117



123

Incident Energy (MeV)

51-Sb-117

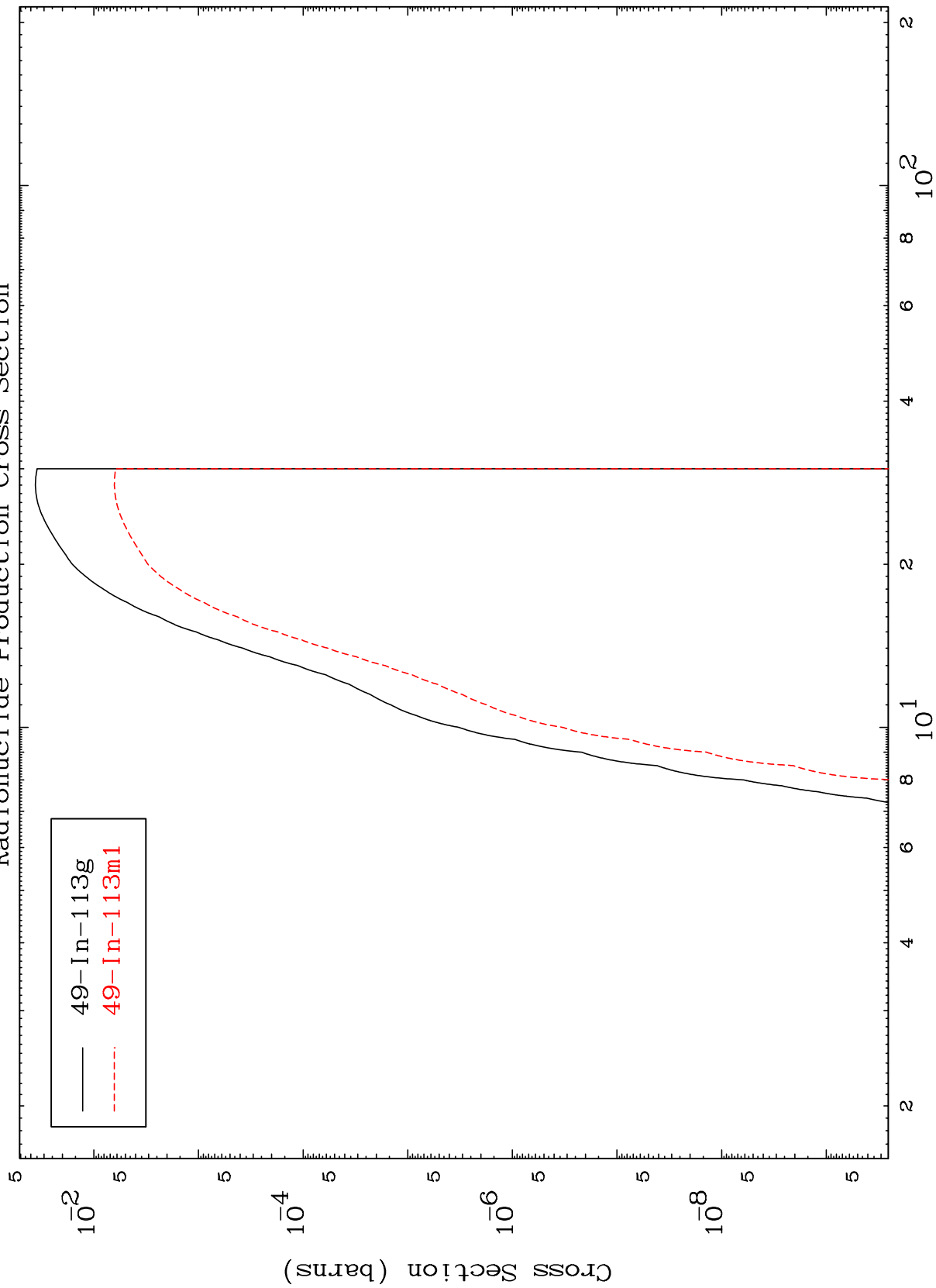


MAT 5113

(n,n') α

51-Sb-117

Radionuclide Production Cross Section



125

Incident Energy (MeV)

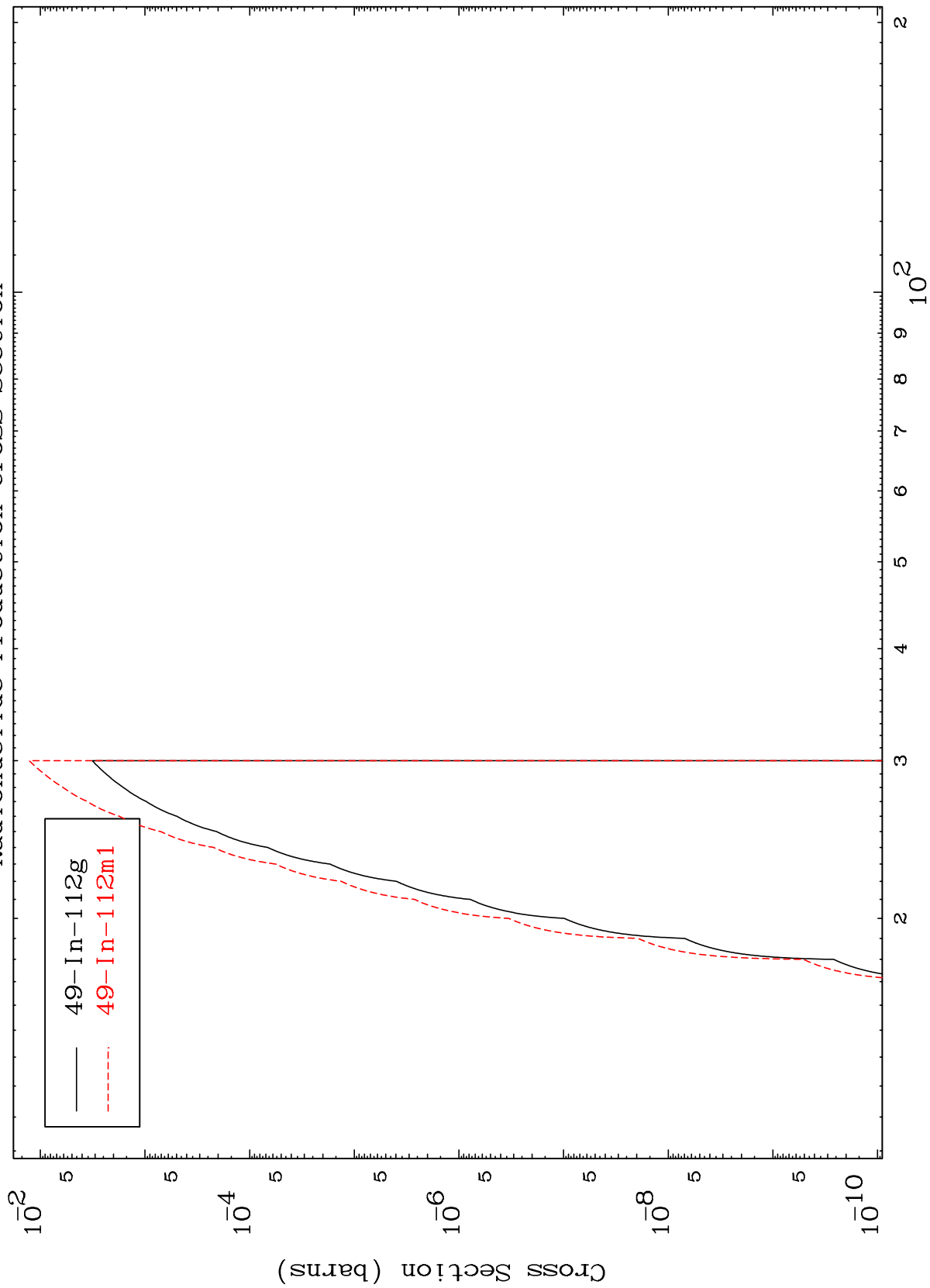
51-Sb-117

MAT 5113

(n,2n) α

51-Sb-117

Radionuclide Production Cross Section



126

Incident Energy (MeV)

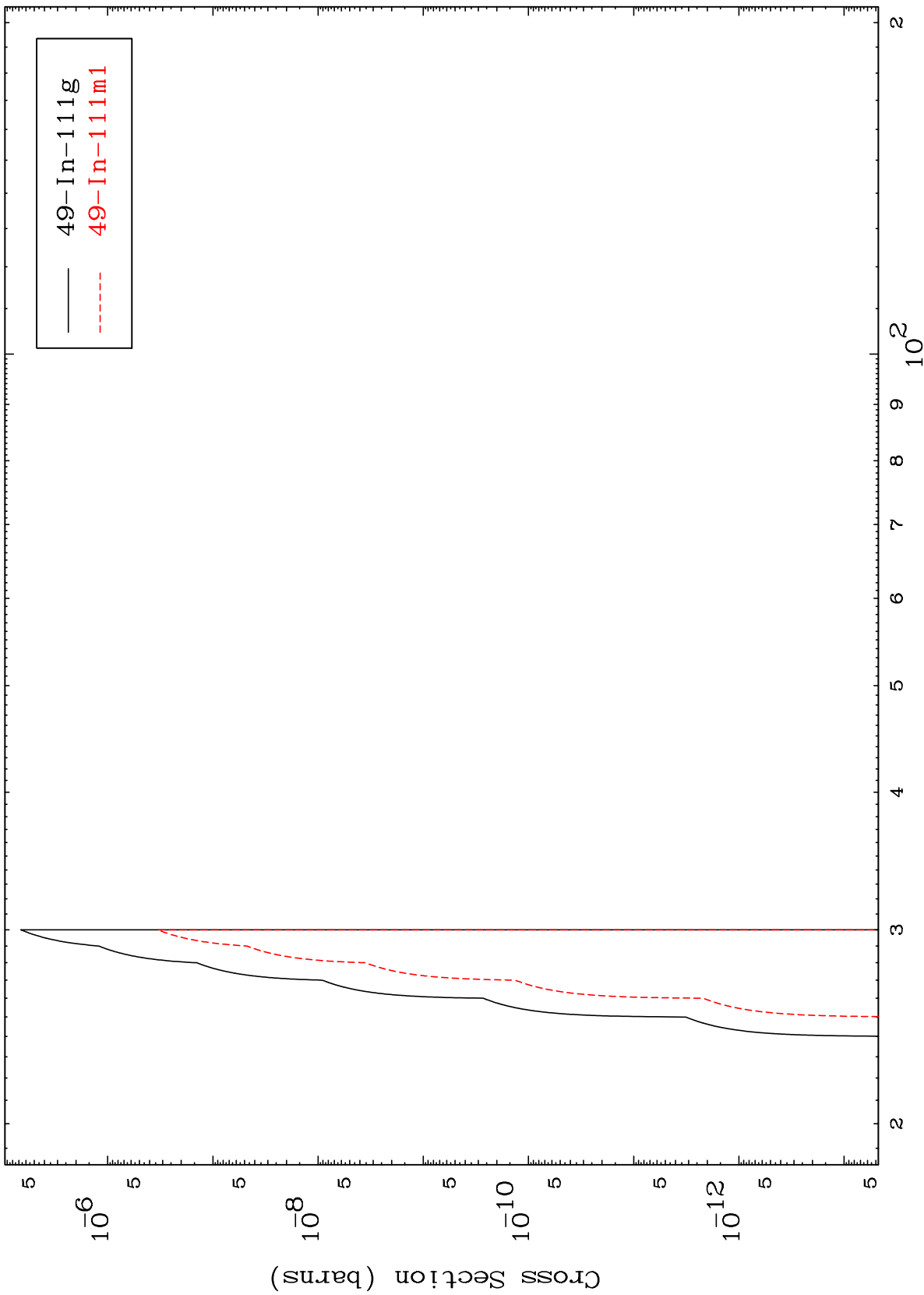
51-Sb-117

MAT 5113

(n,3n) α

51-Sb-117

Radionuclide Production Cross Section



127

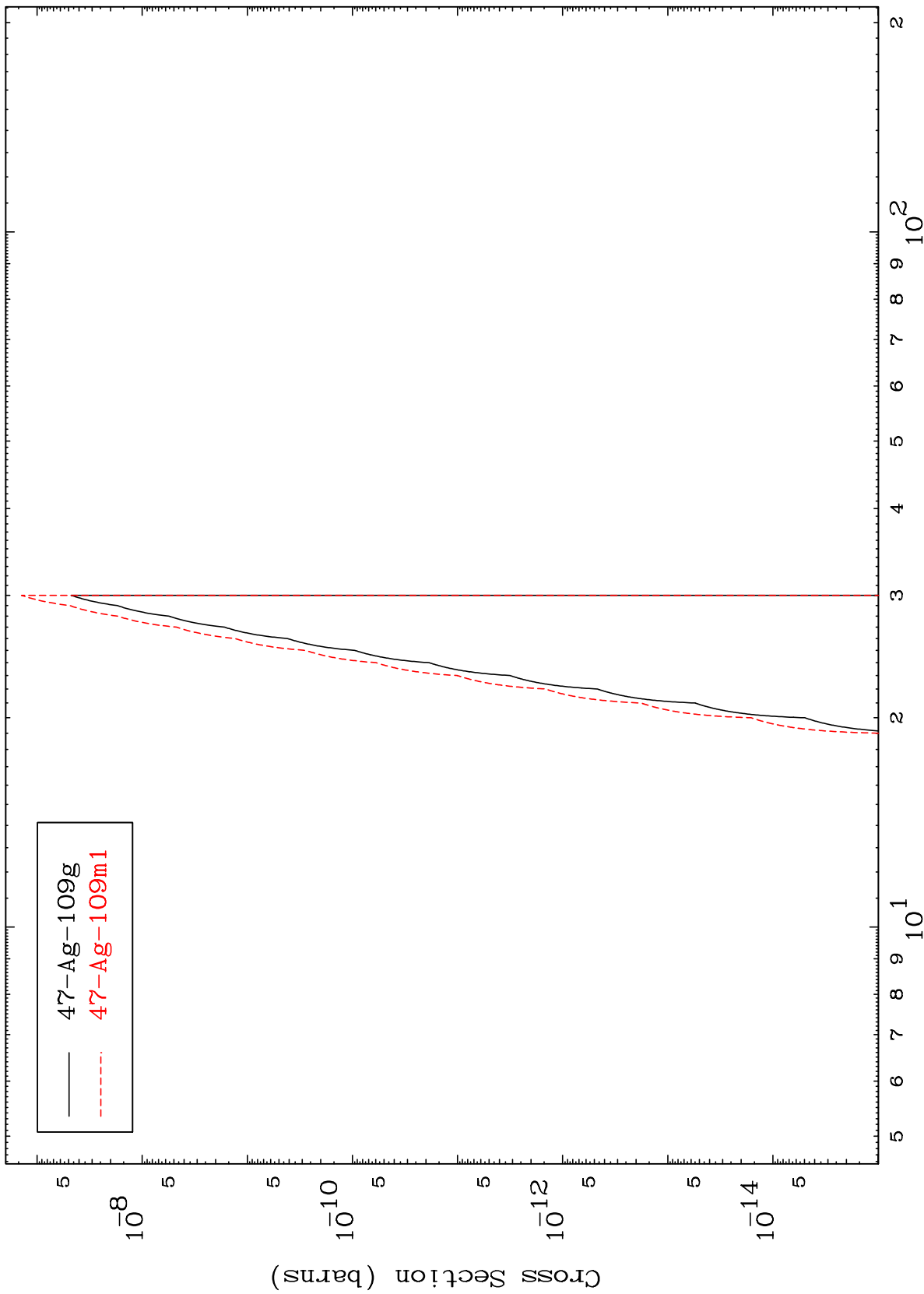
Incident Energy (MeV)

51-Sb-117

MAT 5113

51-Sb-117

(n,n') 2α
Radionuclide Production Cross Section



— 47-Ag-109g
- - - 47-Ag-109m1

128

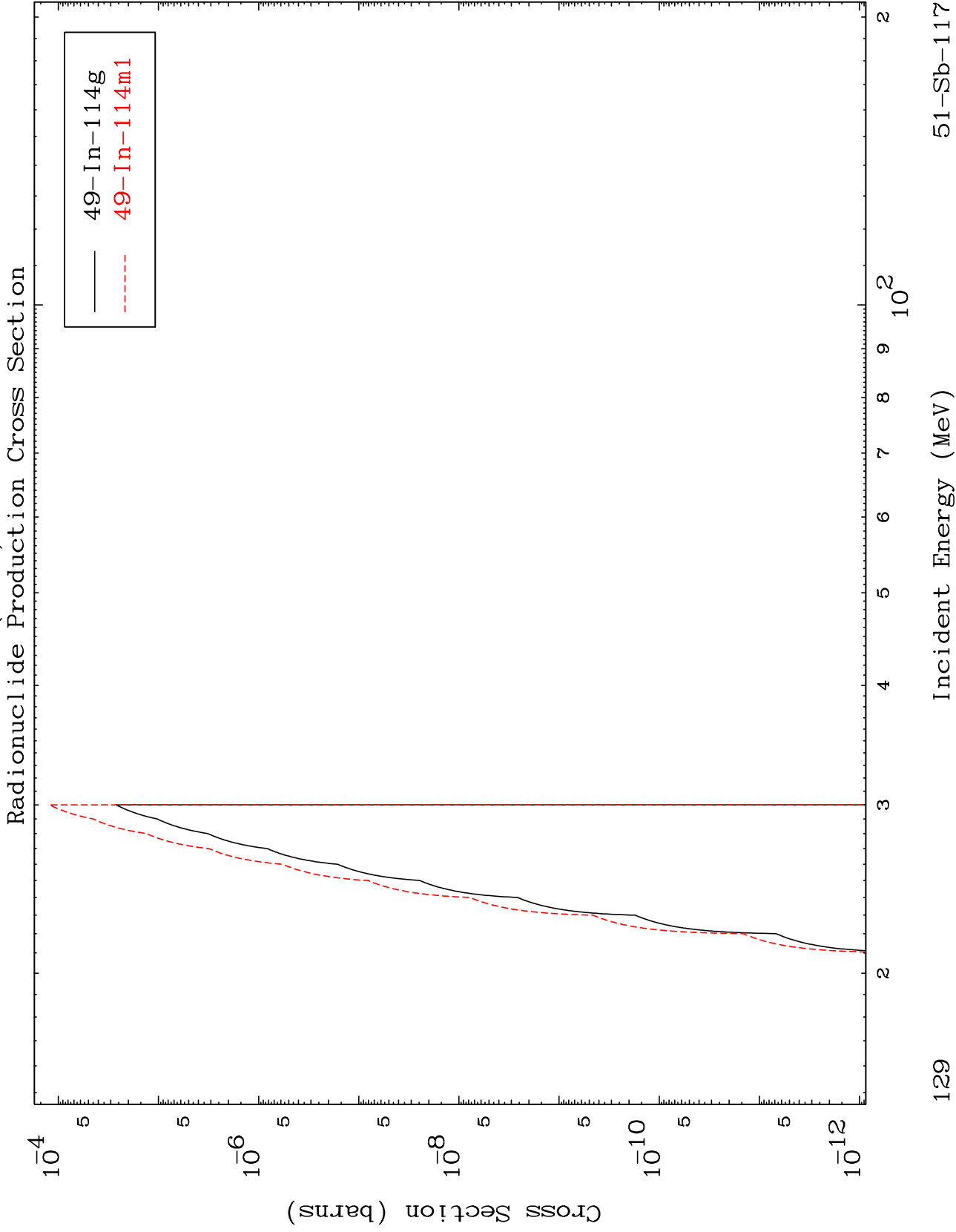
51-Sb-117

Incident Energy (MeV)

MAT 5113

(n,n') He-3

51-Sb-117



129

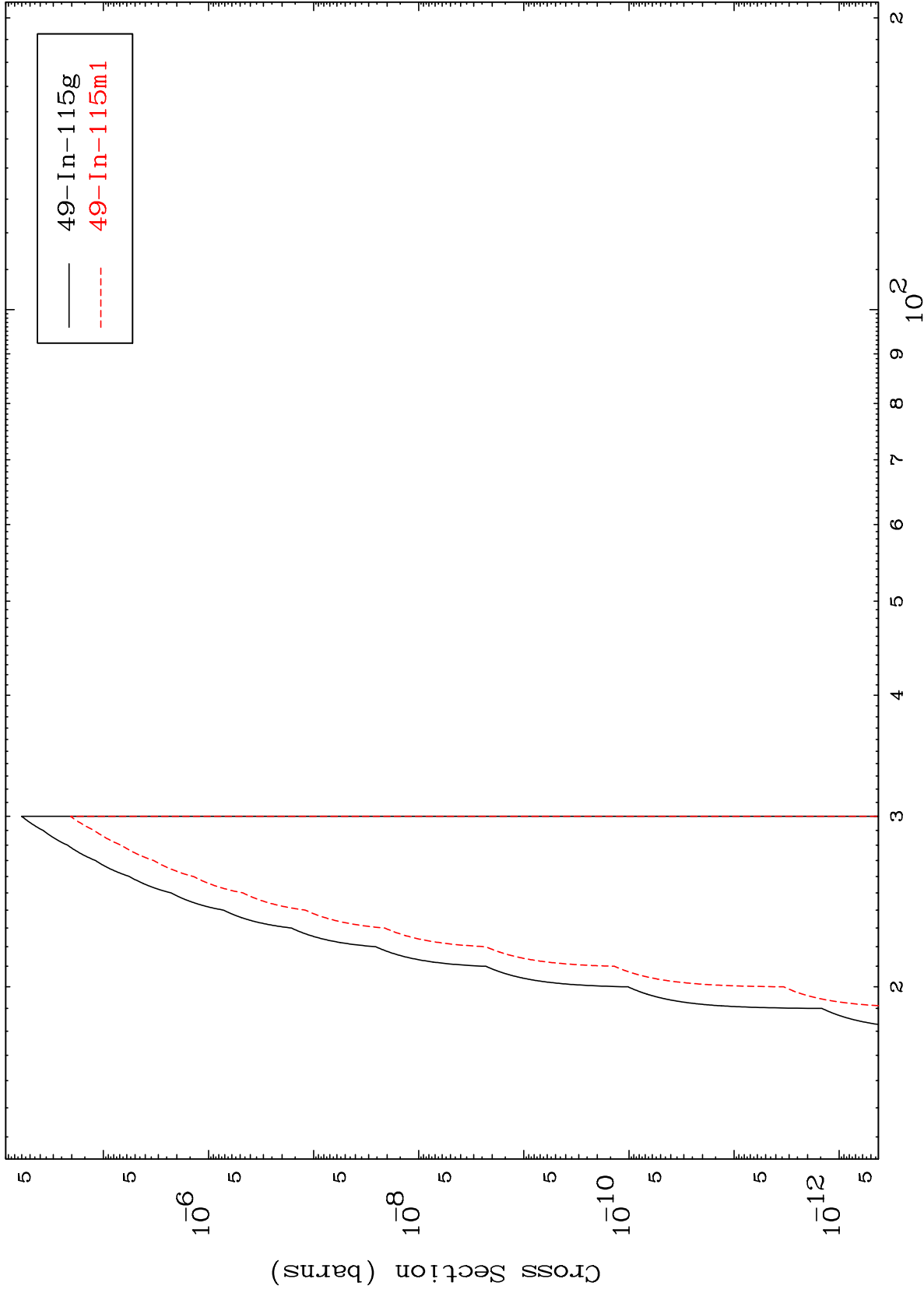
51-Sb-117

MAT 5113

(n,2n) p

51-Sb-117

Radionuclide Production Cross Section



130

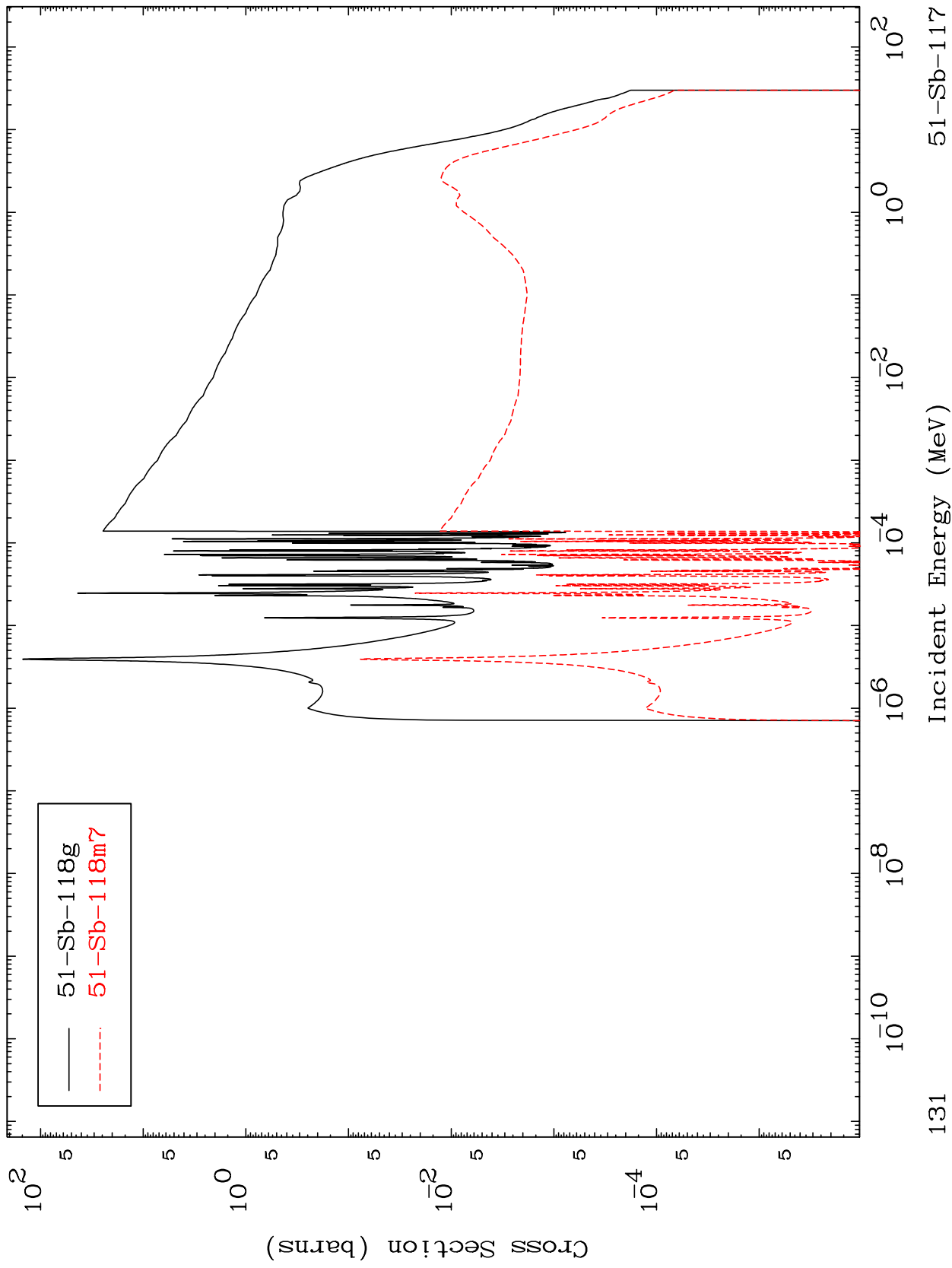
Incident Energy (MeV)

51-Sb-117

MAT 5113

51-Sb-117

Radionuclide Production Cross Section (n,γ)

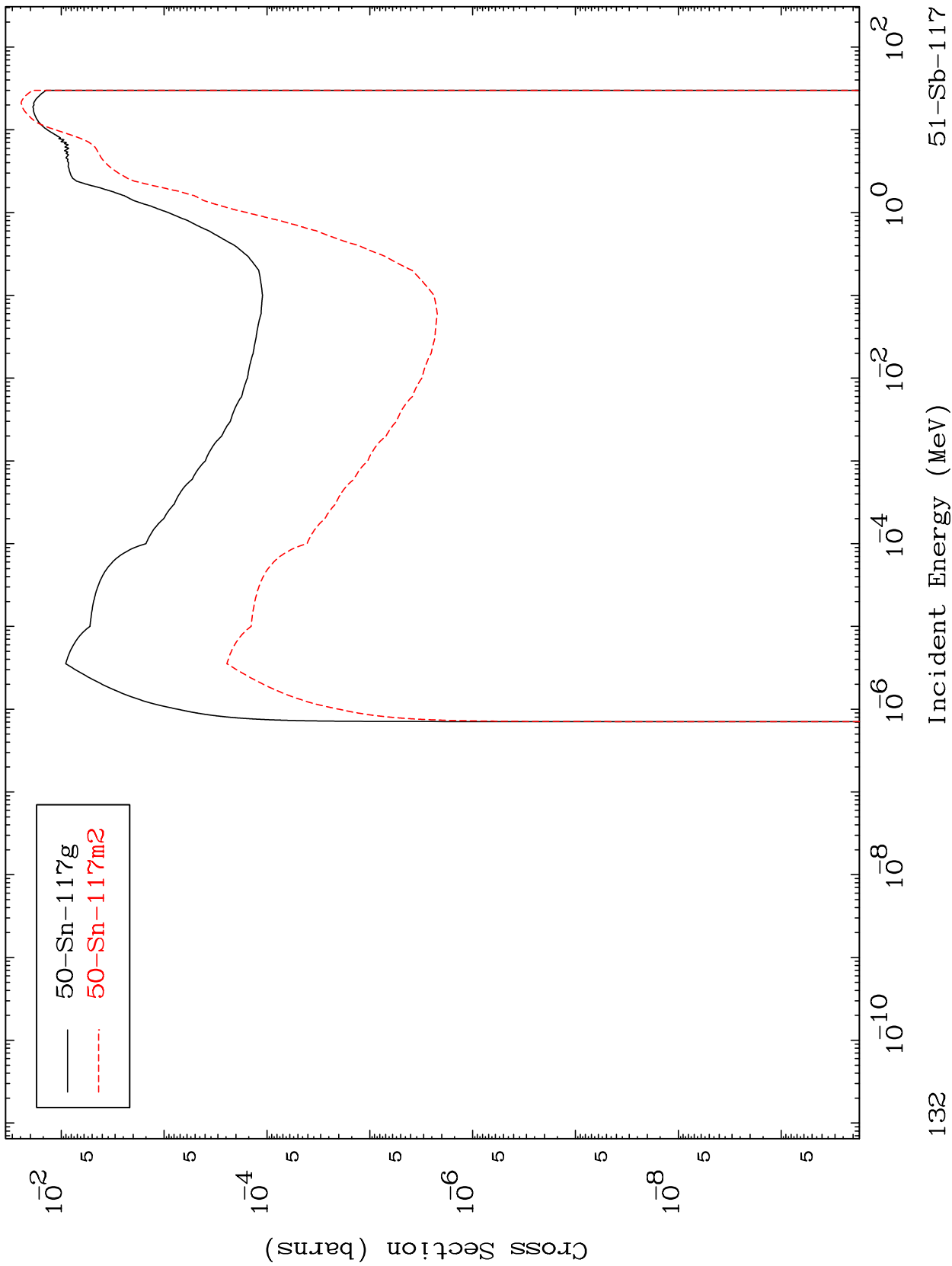


131

MAT 5113

51-Sb-117

(n,p)
Radionuclide Production Cross Section



132

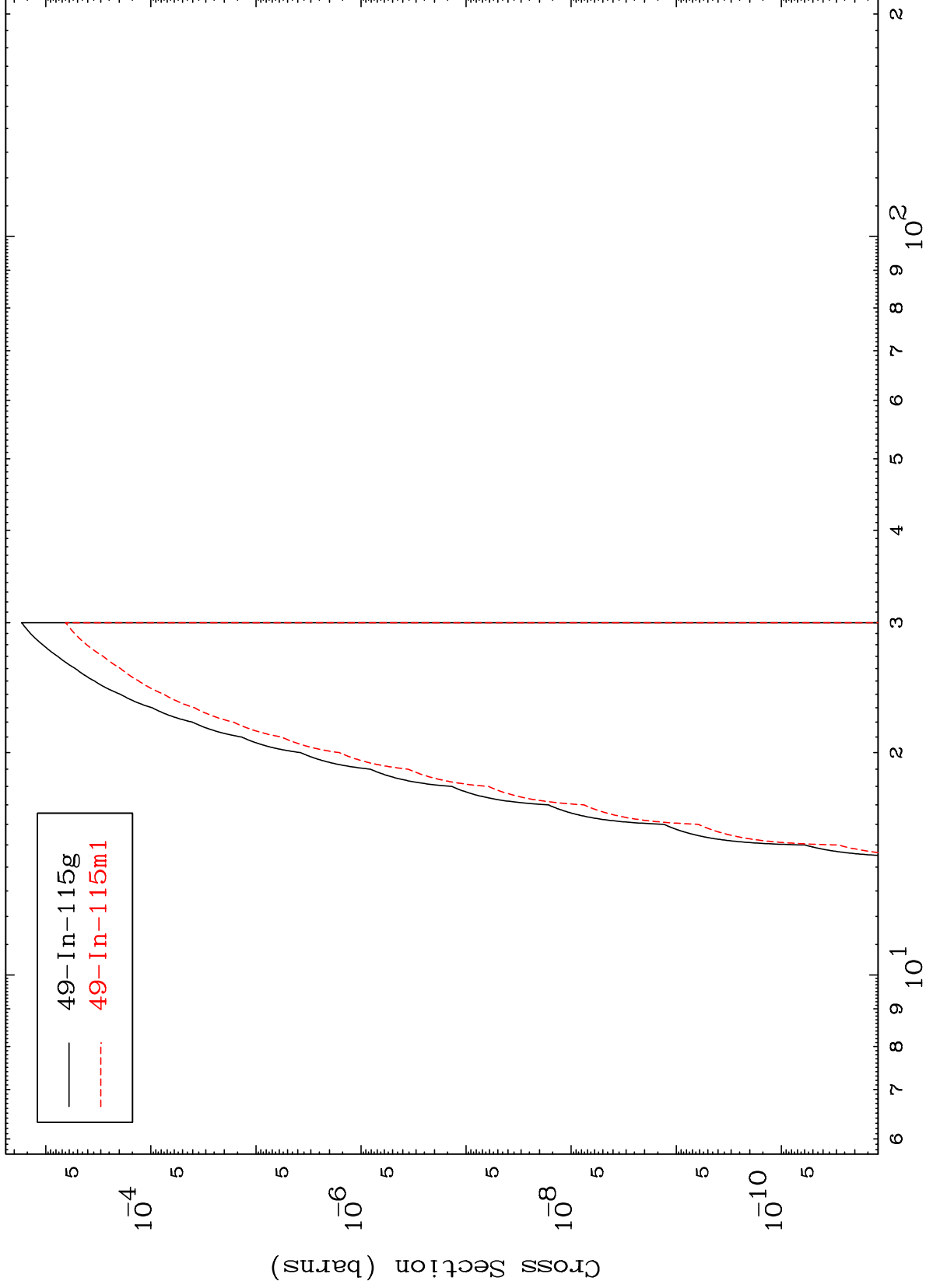
51-Sb-117

MAT 5113

(n,He-3)

51-Sb-117

Radionuclide Production Cross Section



133

Incident Energy (MeV)

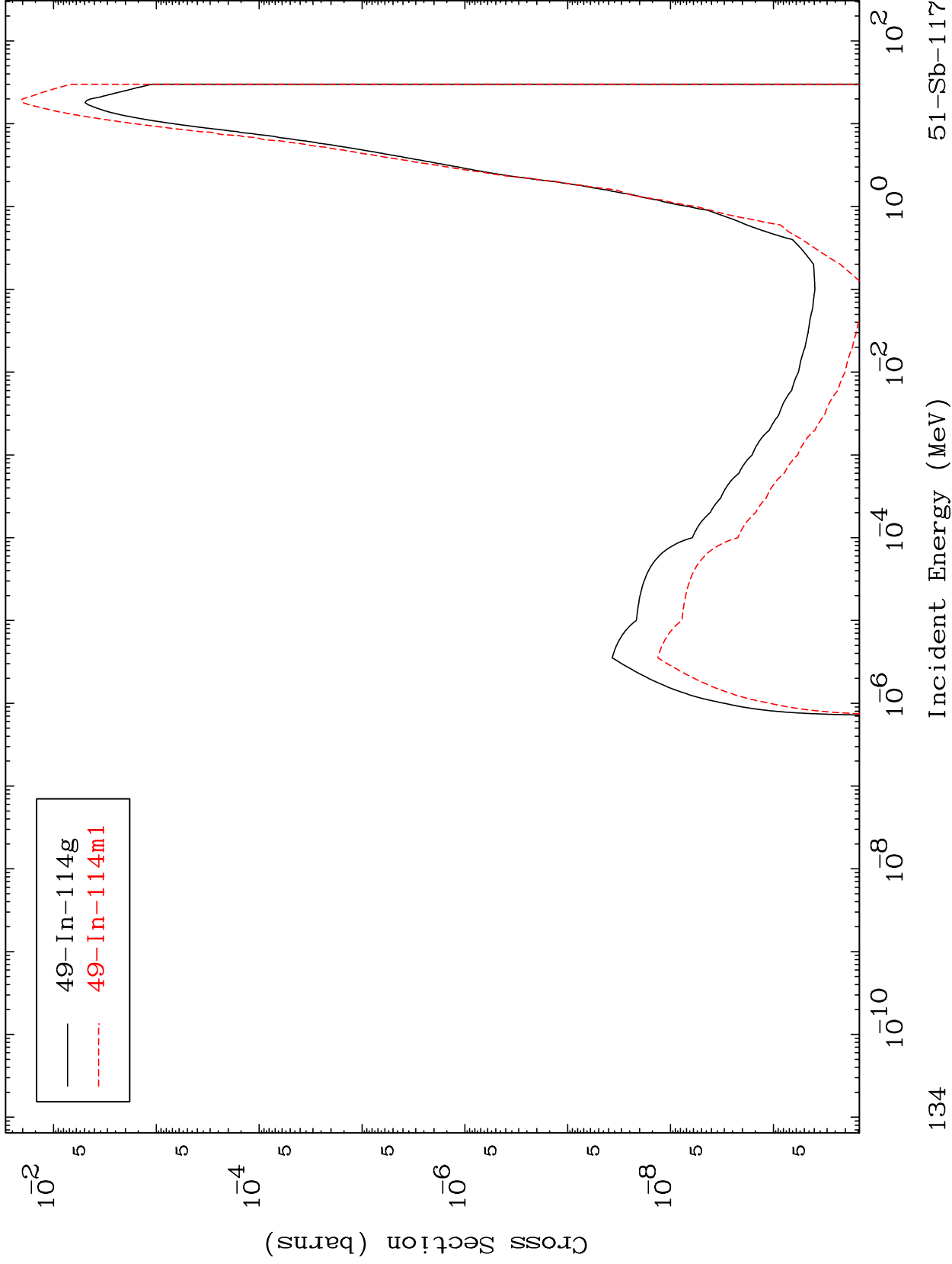
51-Sb-117

MAT 5113

(n, α)

51-Sb-117

Radionuclide Production Cross Section

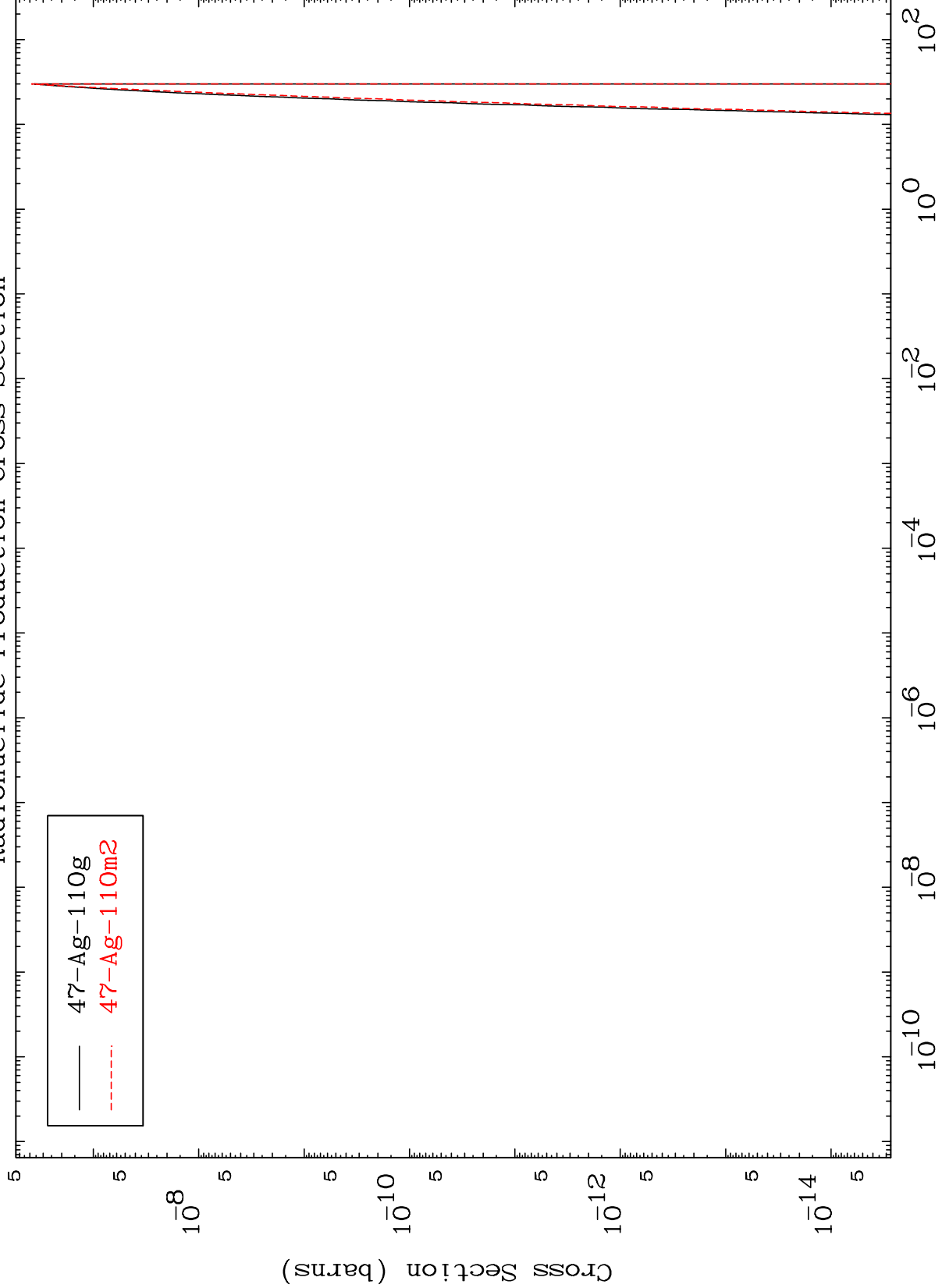


MAT 5113

(n,2α)

51-Sb-117

Radionuclide Production Cross Section



— 47-Ag-110g
- - - 47-Ag-110m2

135

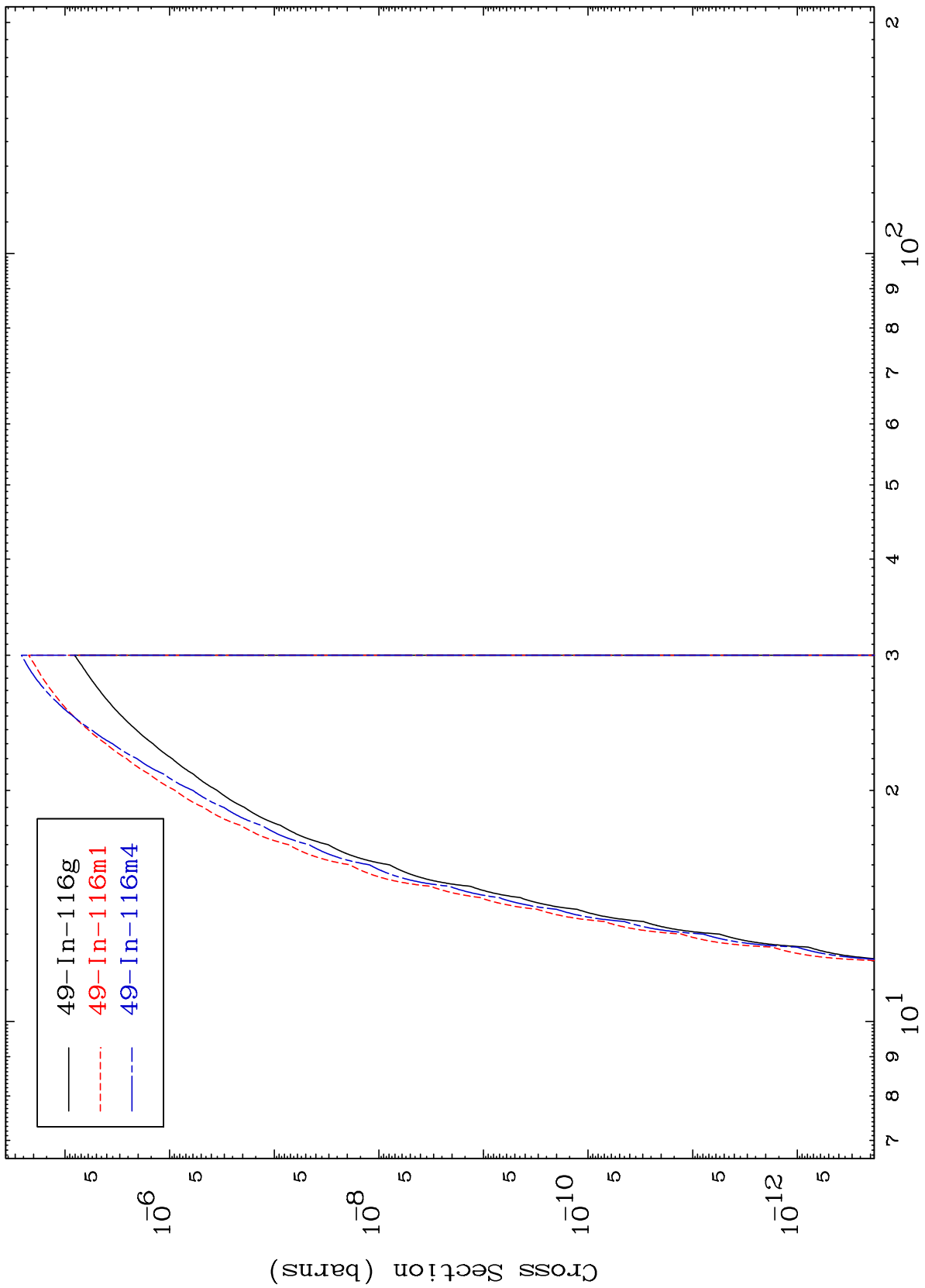
51-Sb-117

Incident Energy (MeV)

MAT 5113

51-Sb-117

Radionuclide Production Cross Section
(n,2p)



136

Incident Energy (MeV)

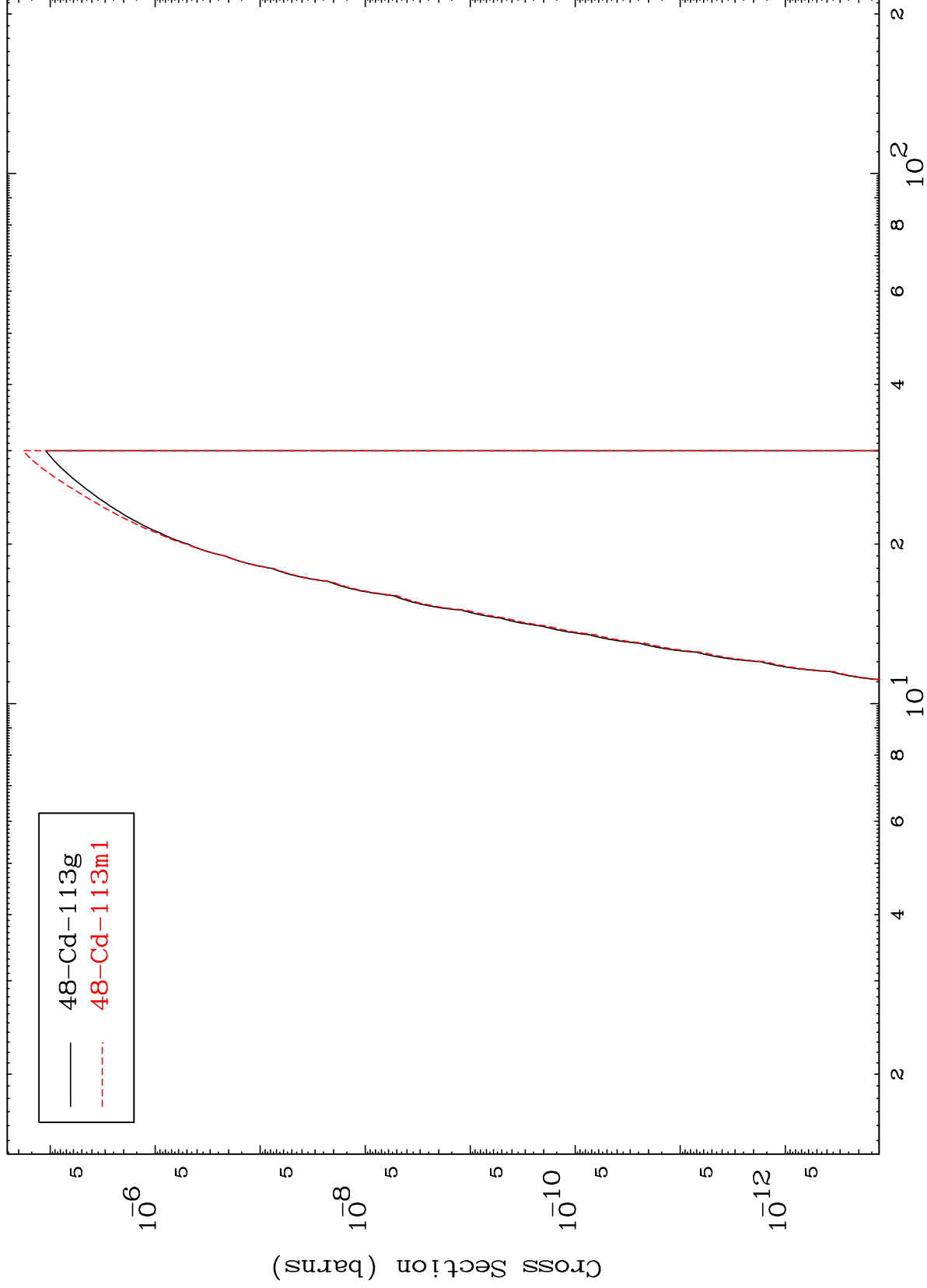
51-Sb-117

MAT 5113

(n,p) α

51-Sb-117

Radionuclide Production Cross Section



137

Incident Energy (MeV)

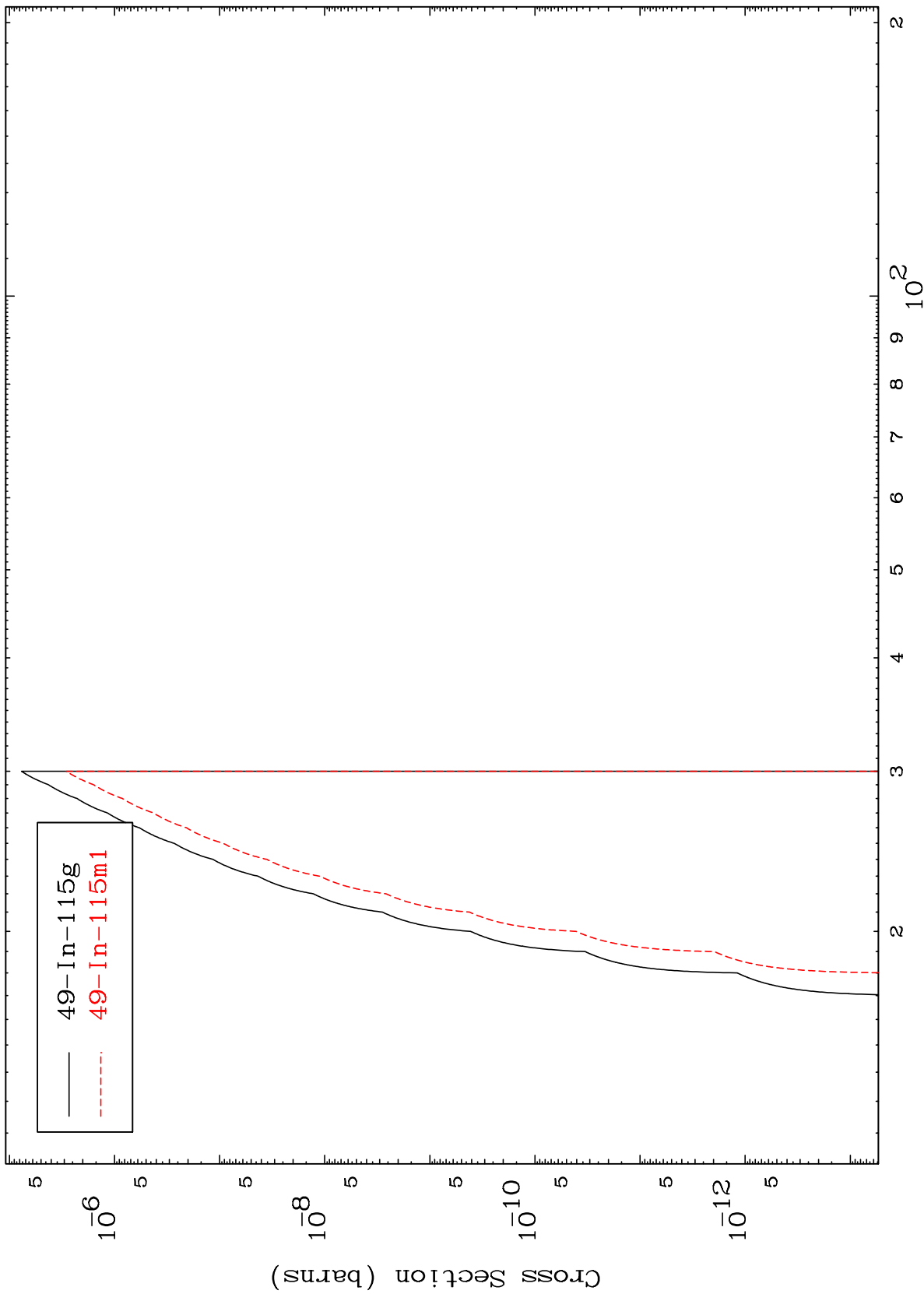
51-Sb-117

MAT 5113

(n,p) d

51-Sb-117

Radionuclide Production Cross Section



138

Incident Energy (MeV)

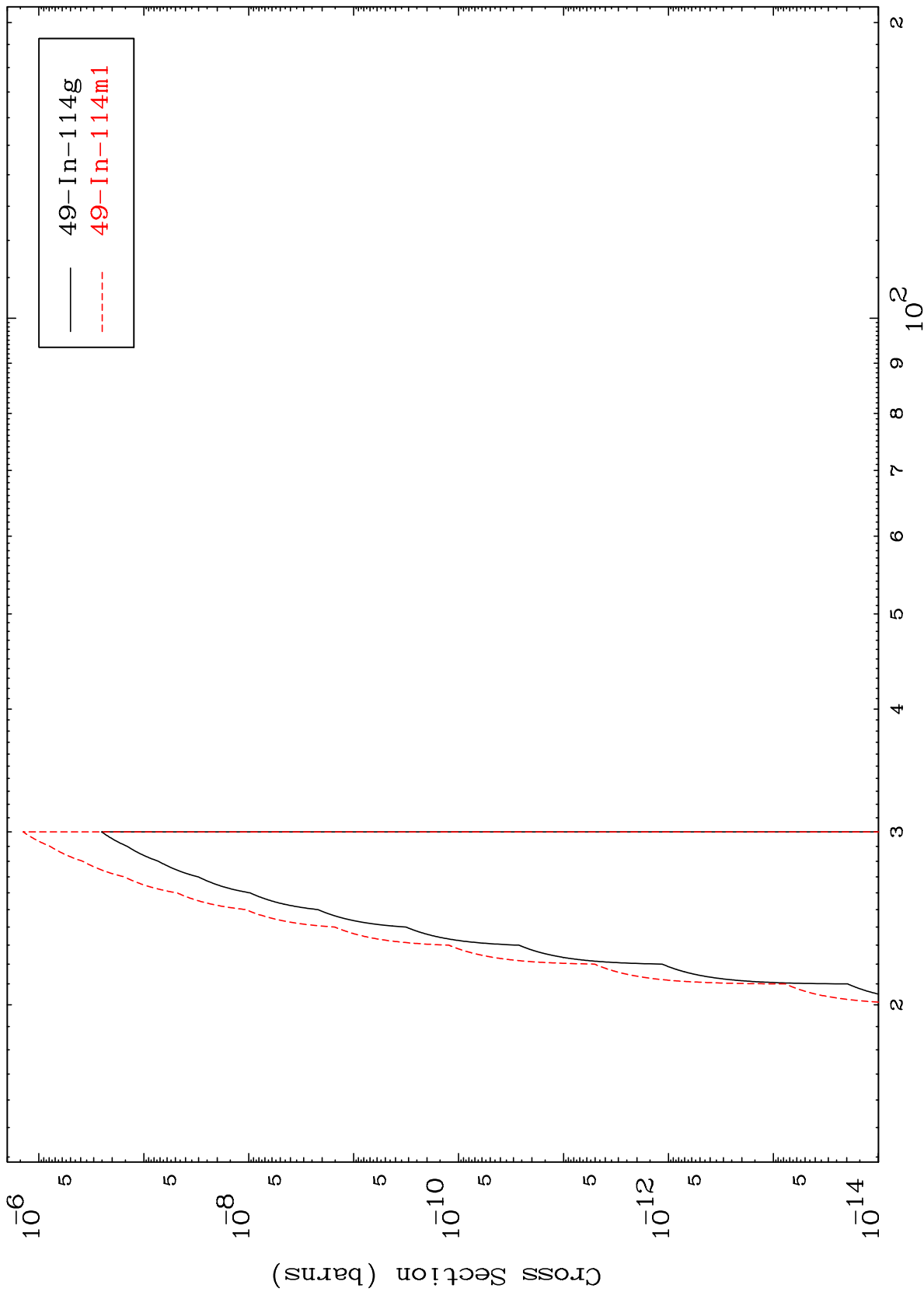
51-Sb-117

MAT 5113

(n,p) t

51-Sb-117

Radionuclide Production Cross Section



139

Incident Energy (MeV)

51-Sb-117