

Program EVALPLOT
(Version 2018-1)

by

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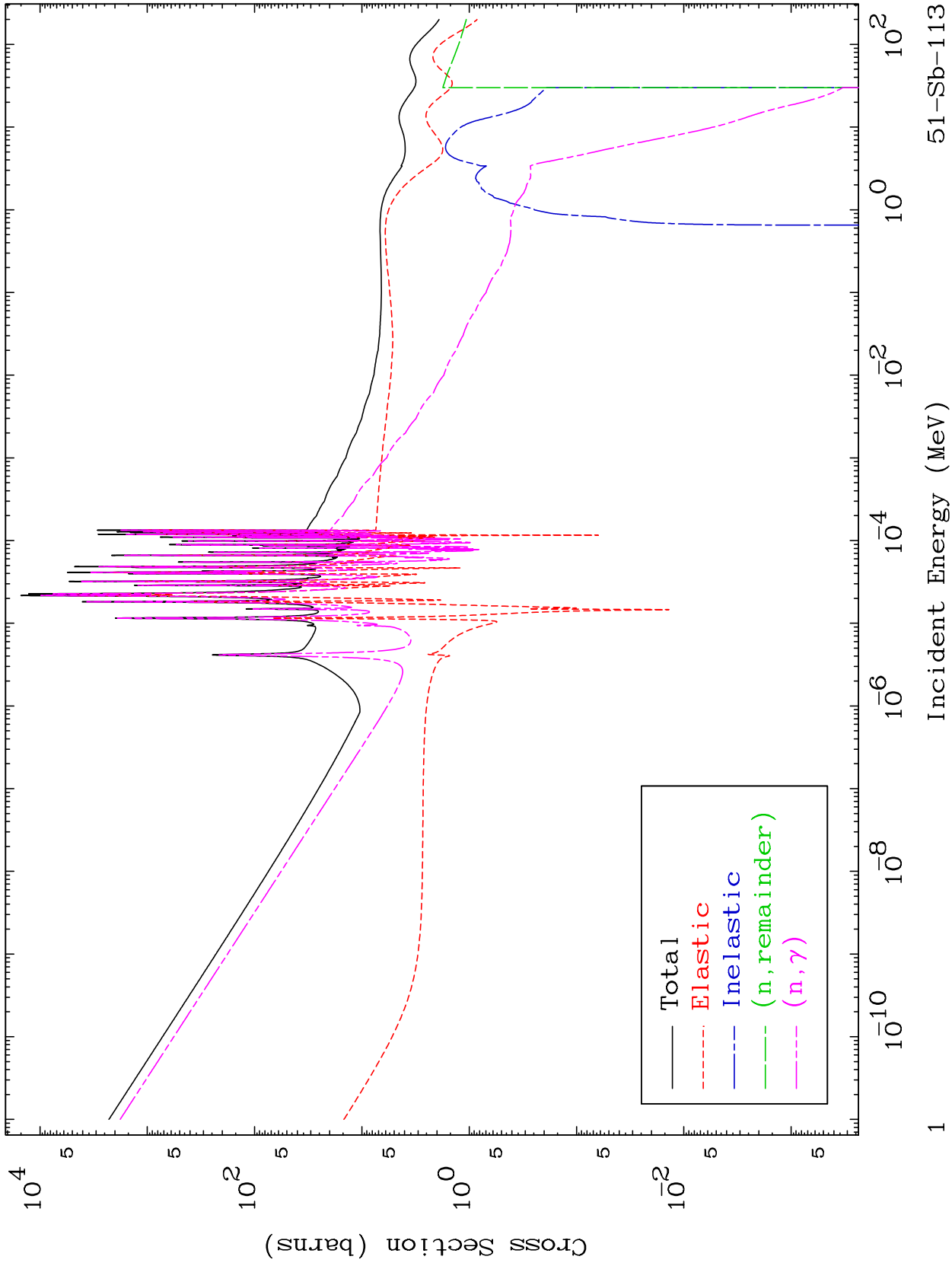
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5101

Major
293 Kelvin Cross Sections

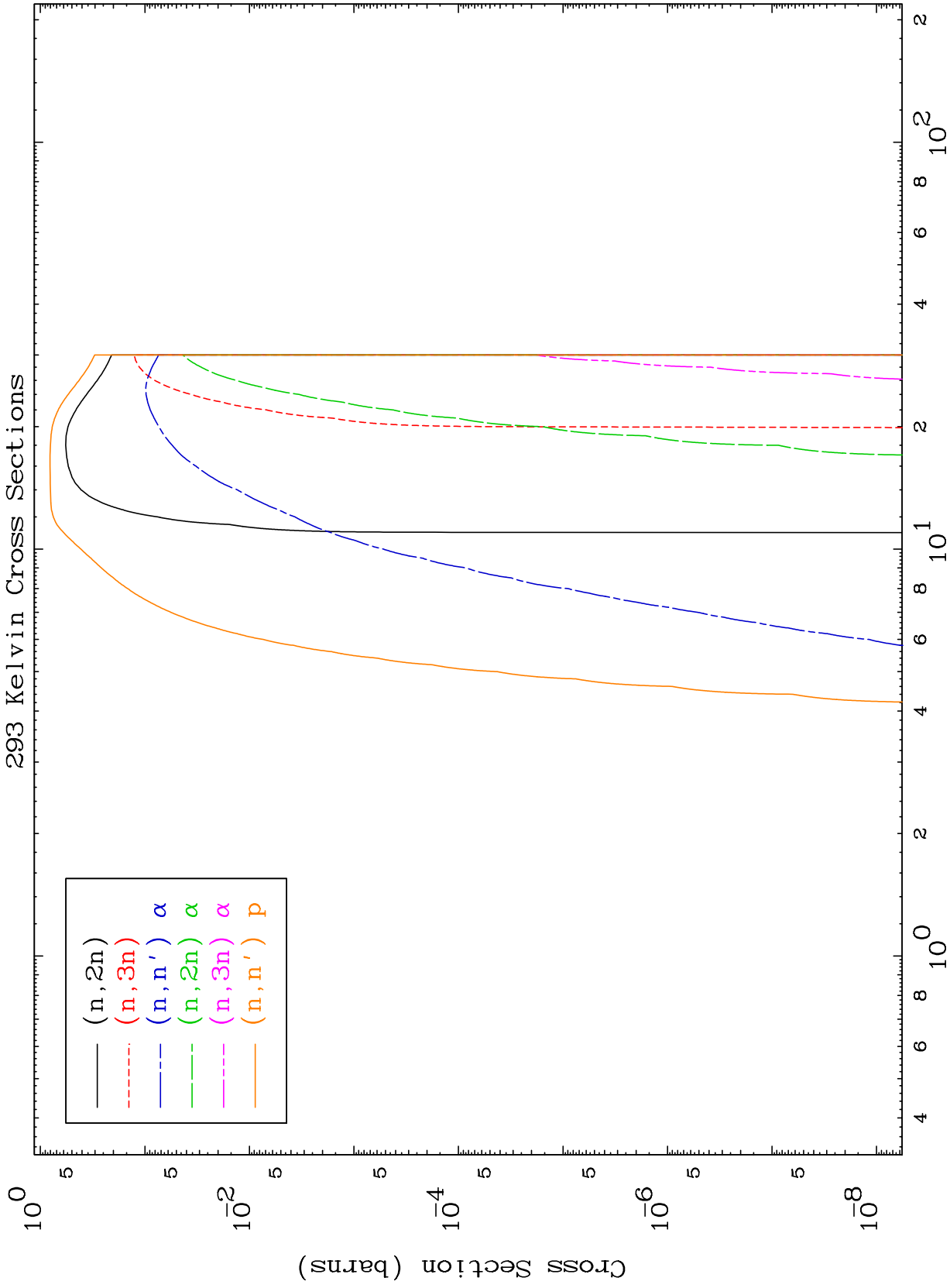
51-Sb-113



MAT 5101

Neutron Production
293 Kelvin Cross Sections

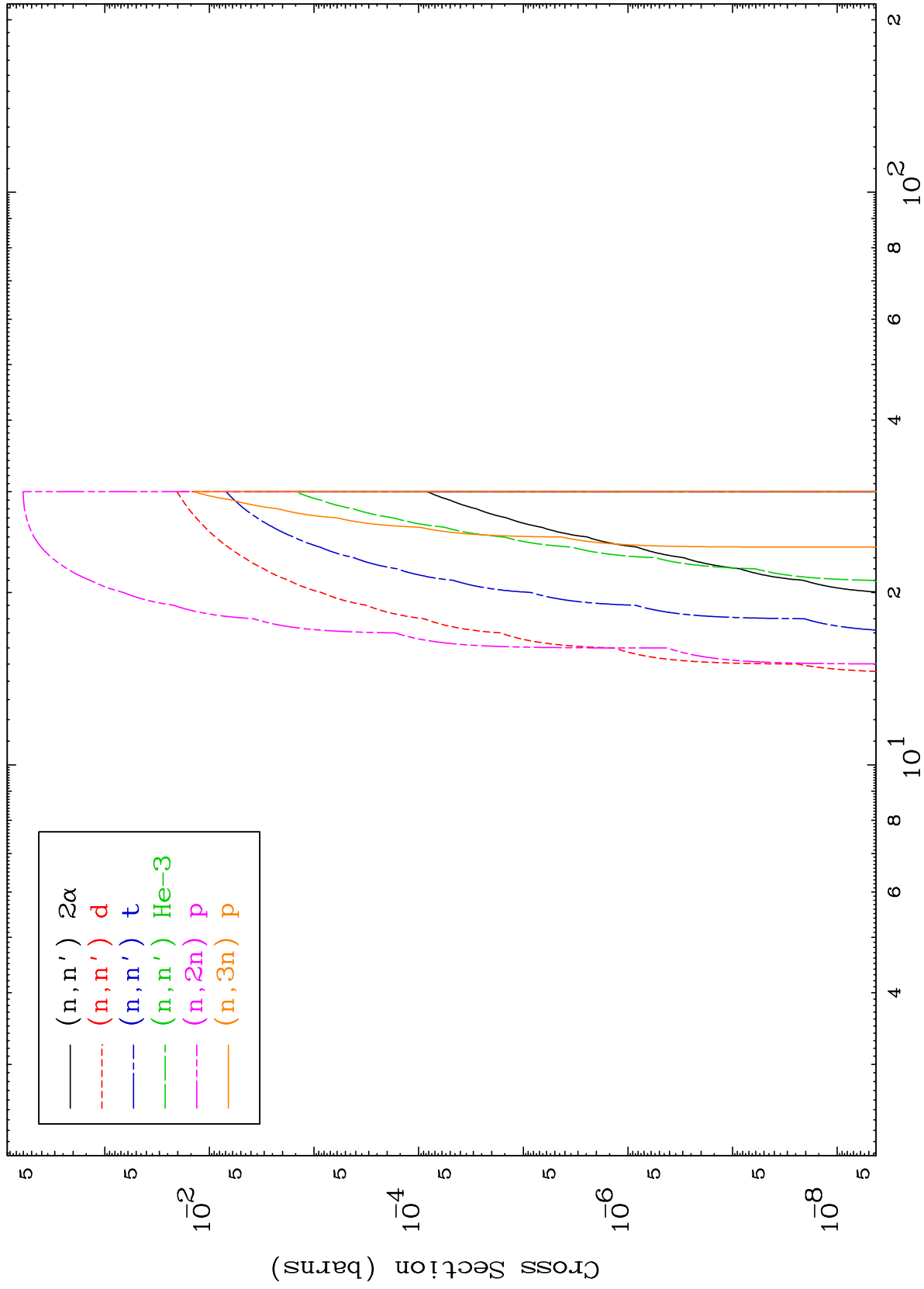
51-Sb-113



2

Incident Energy (MeV)

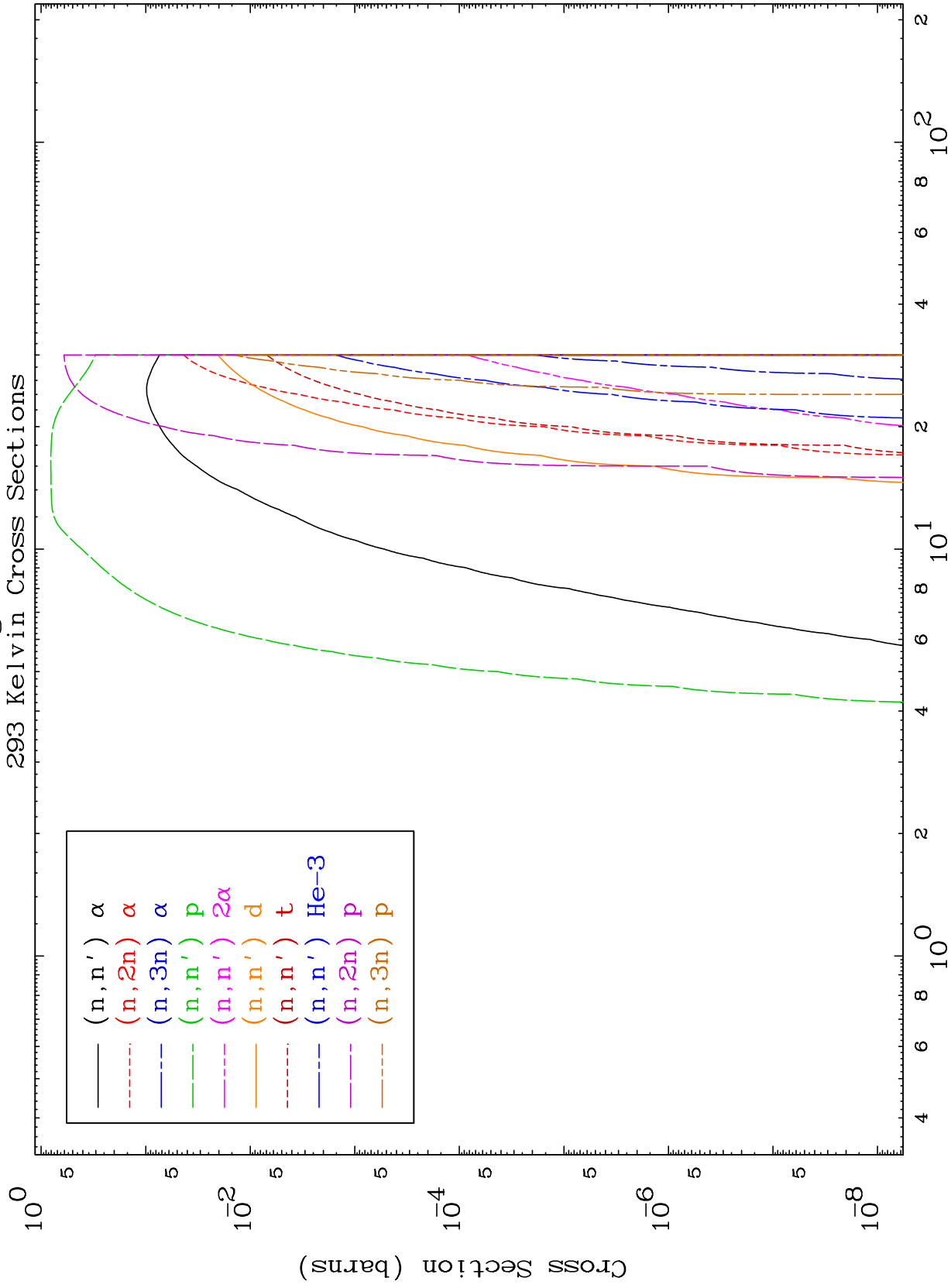
51-Sb-113



MAT 5101

Charged Particle

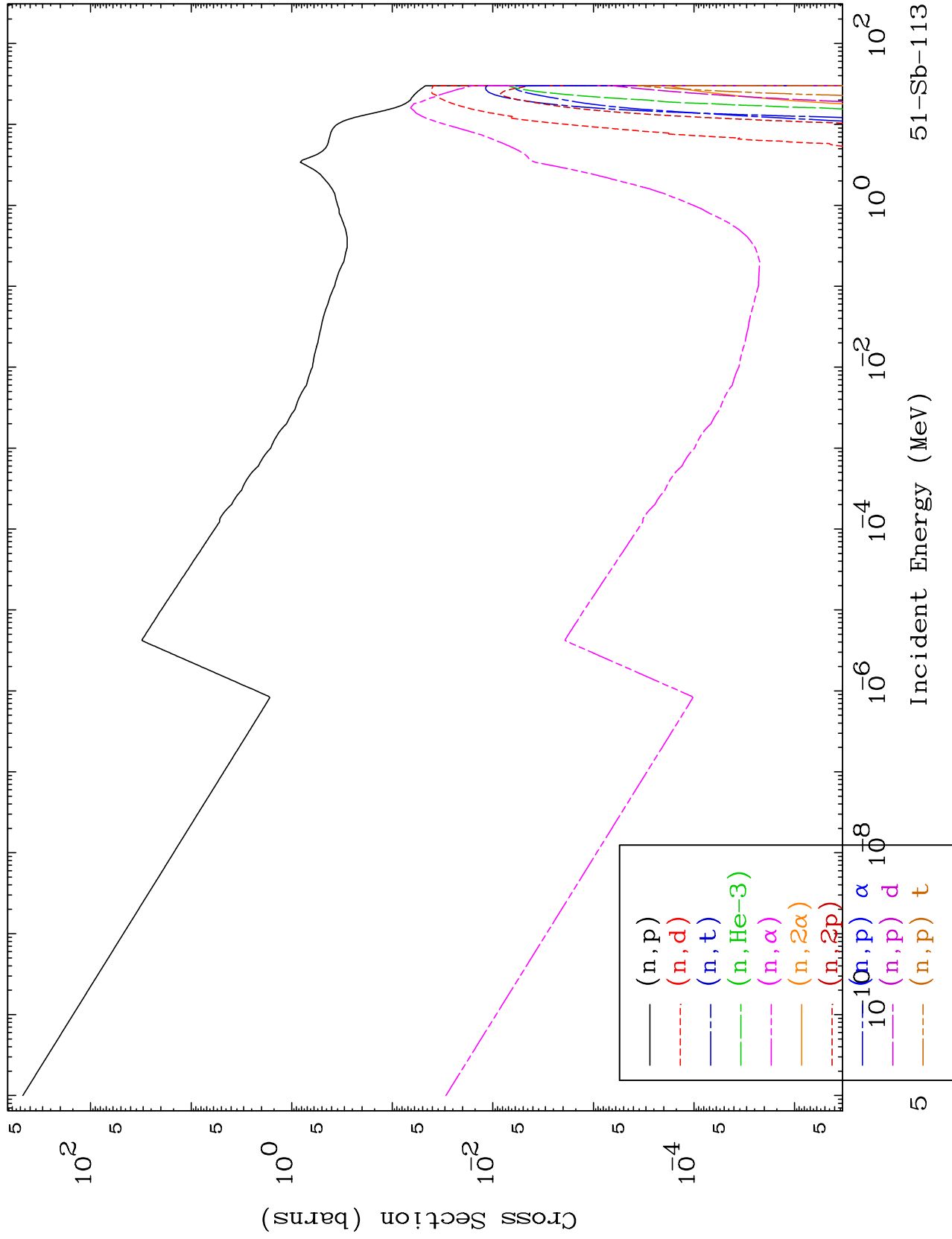
51-Sb-113

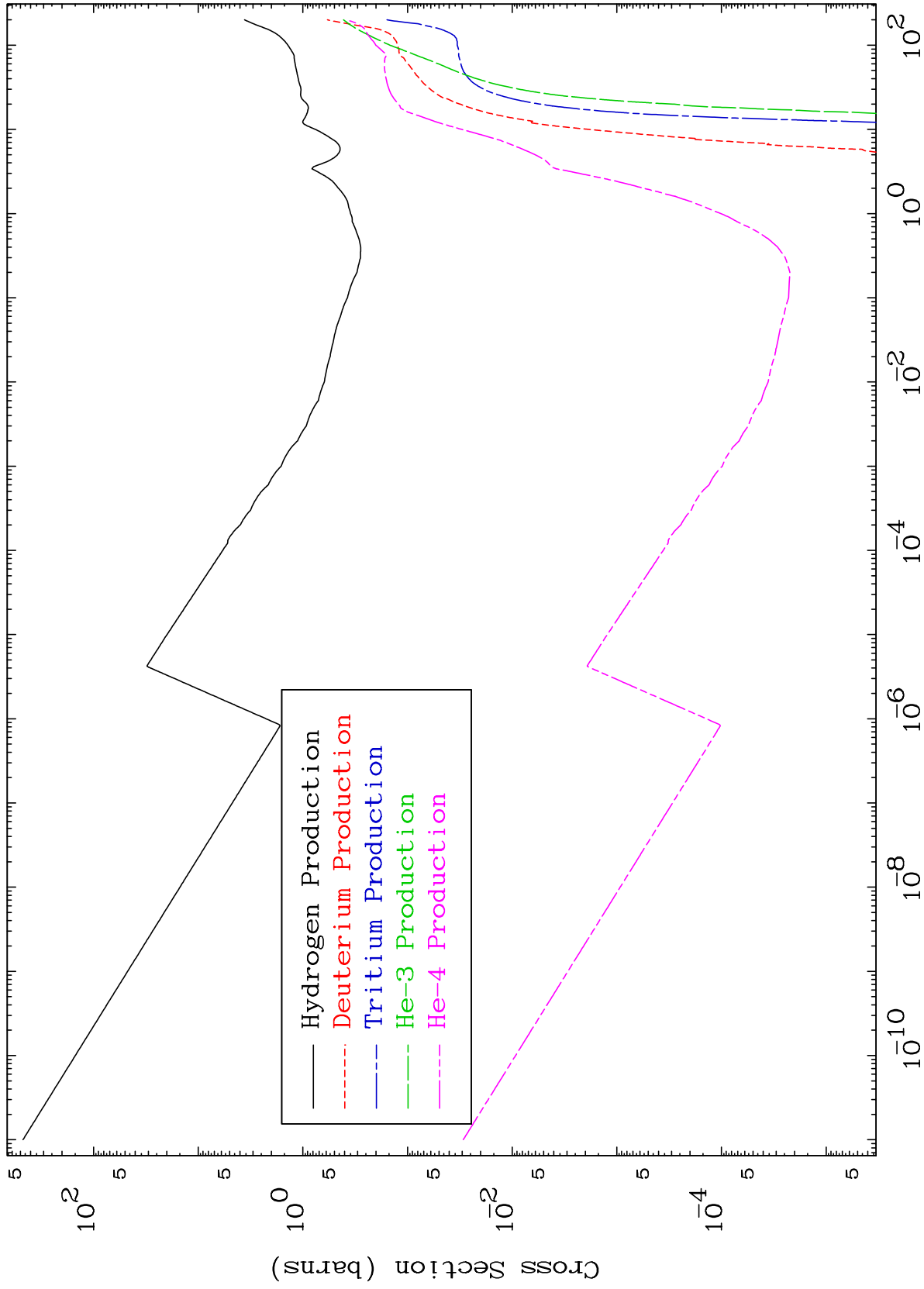


MAT 5101

293 Kelvin Cross Sections

51-Sb-113



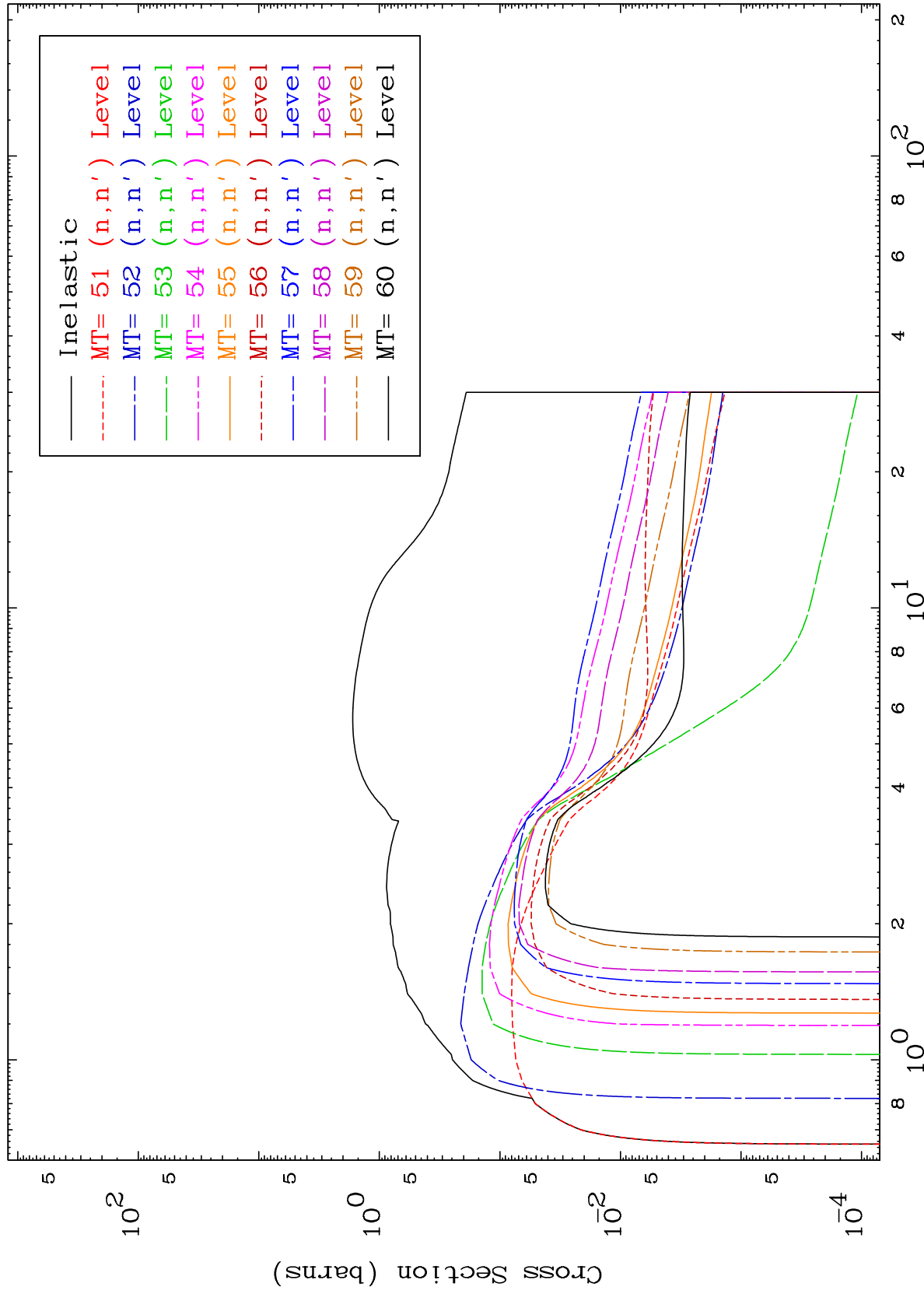


MAT 5101

(n,n') Level

51-Sb-113

293 Kelvin Cross Sections



7

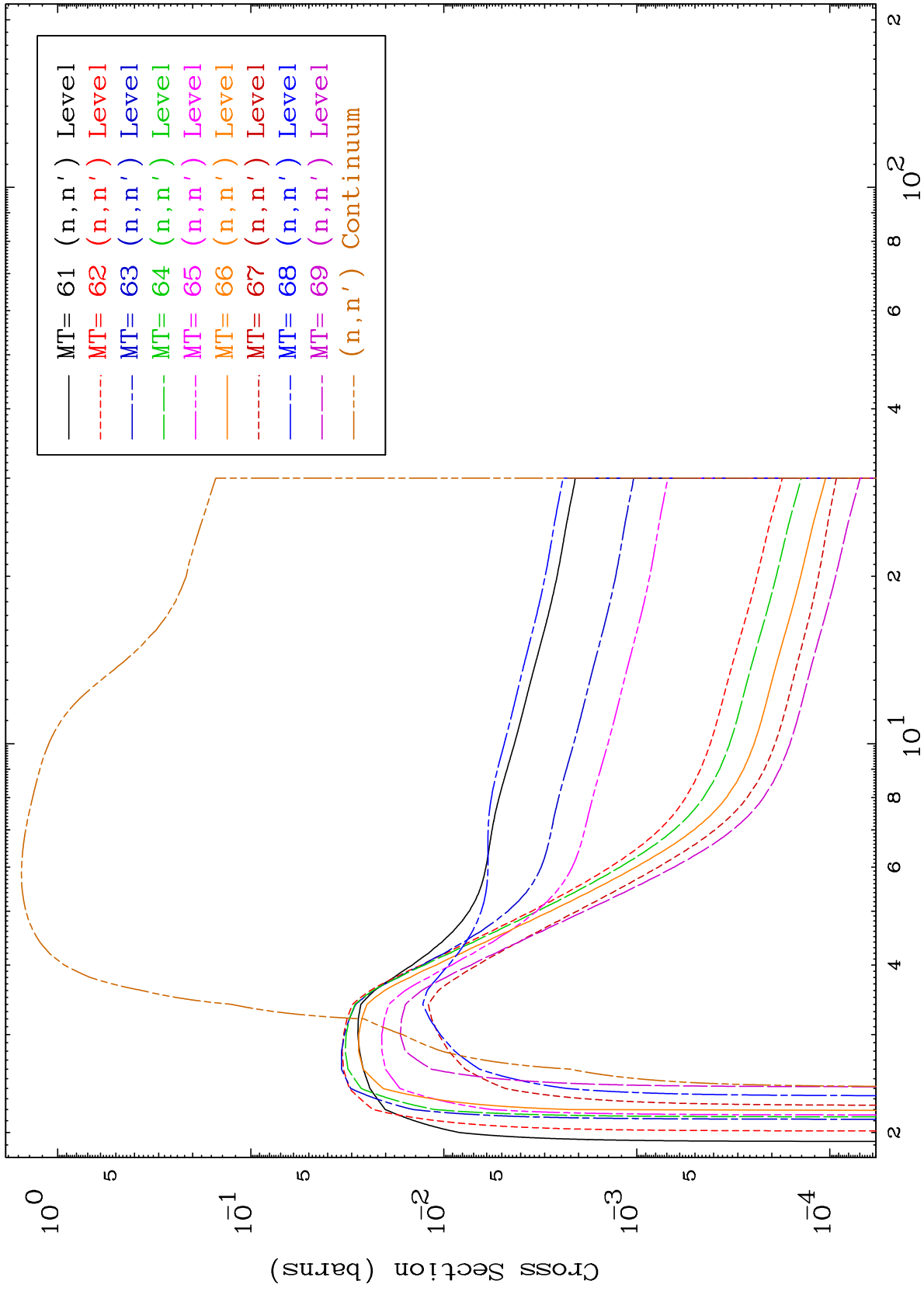
Incident Energy (MeV)

51-Sb-113

MAT 5101

(n,n') Level
293 Kelvin Cross Sections

51-Sb-113



8

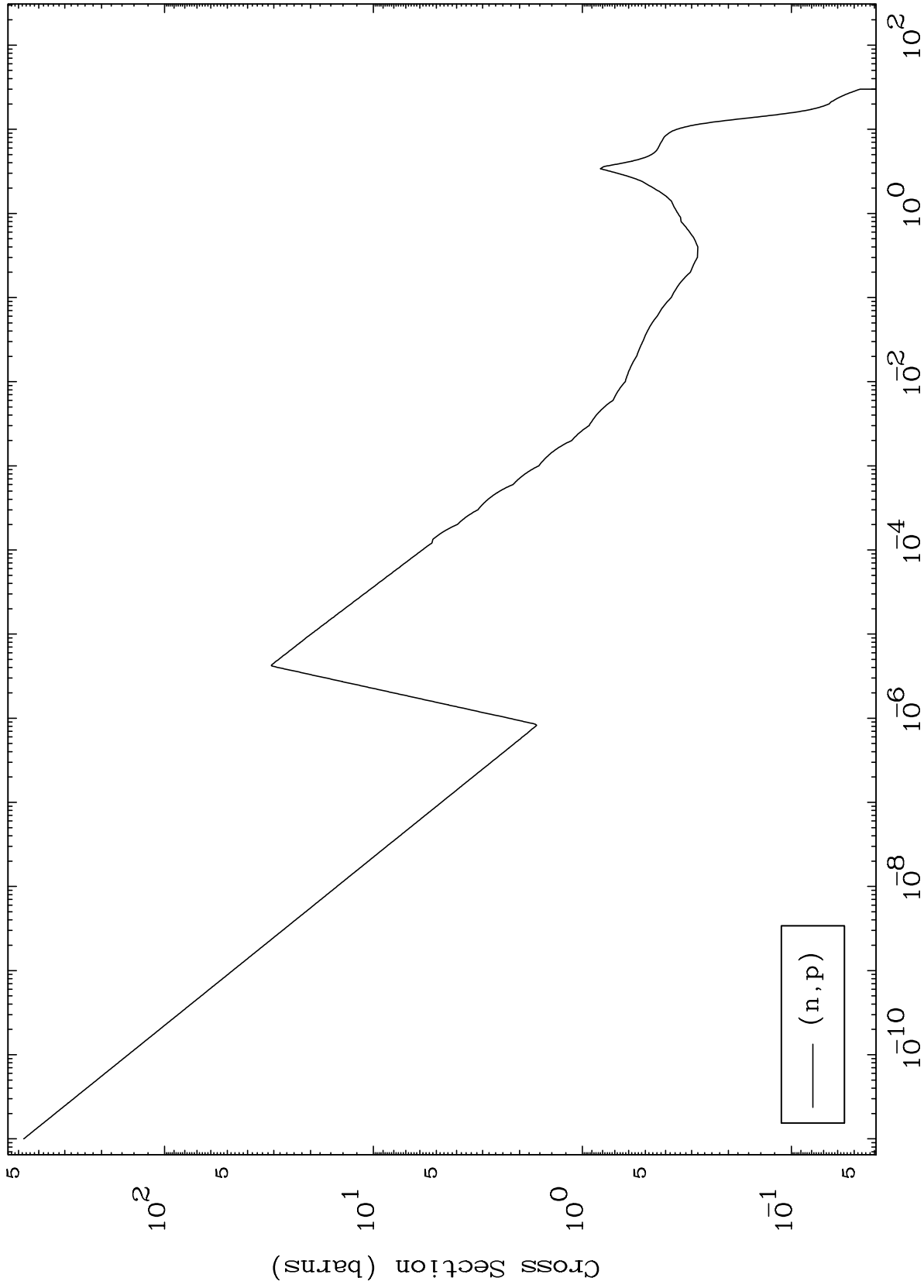
Incident Energy (MeV)

51-Sb-113

MAT 5101

(n,p) Levels
293 Kelvin Cross Sections

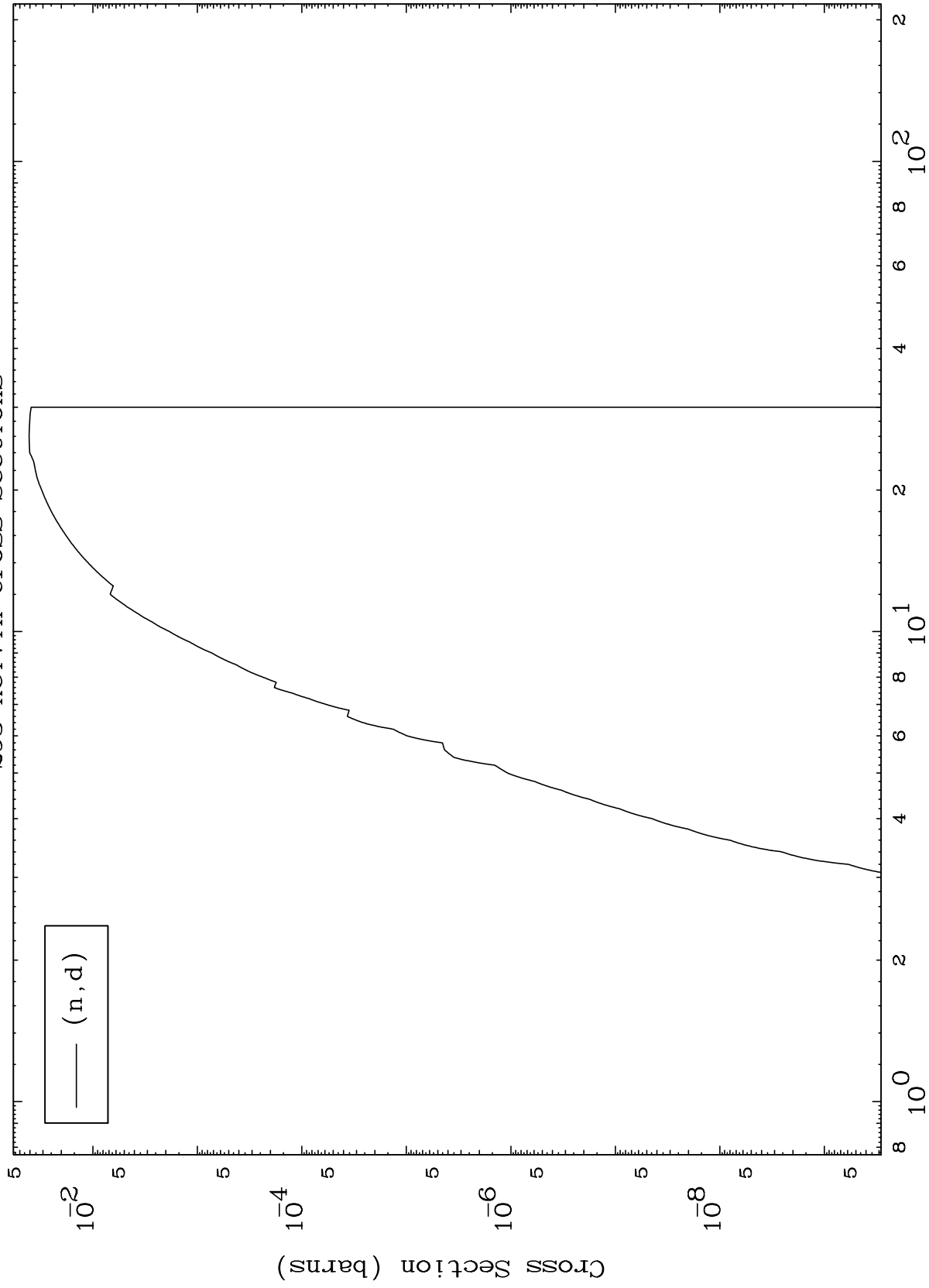
51-Sb-113



MAT 5101

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-113

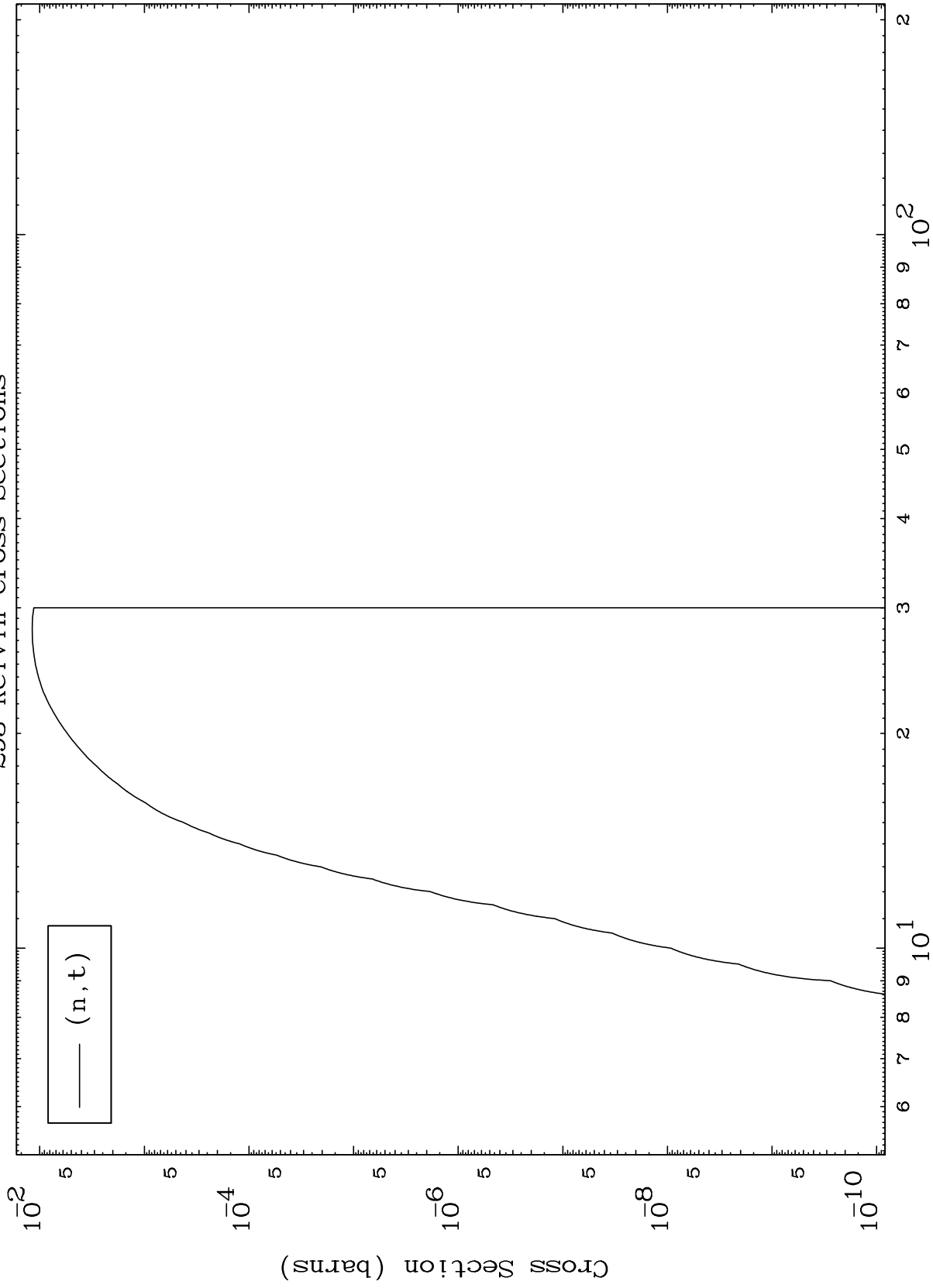


51-Sb-113

MAT 5101

51-Sb-113

(n,t) Levels
293 Kelvin Cross Sections



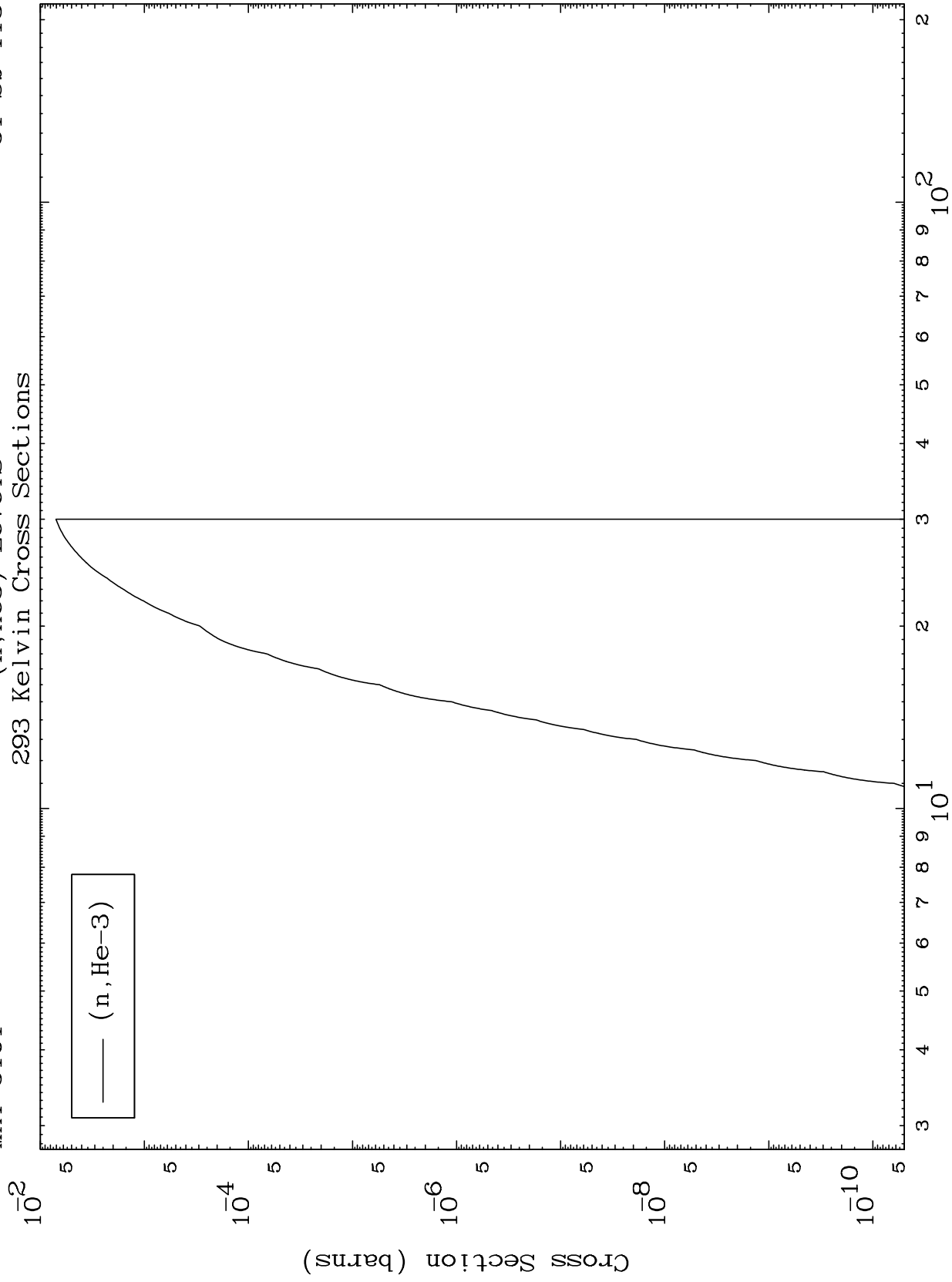
11

51-Sb-113

MAT 5101

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-113



12

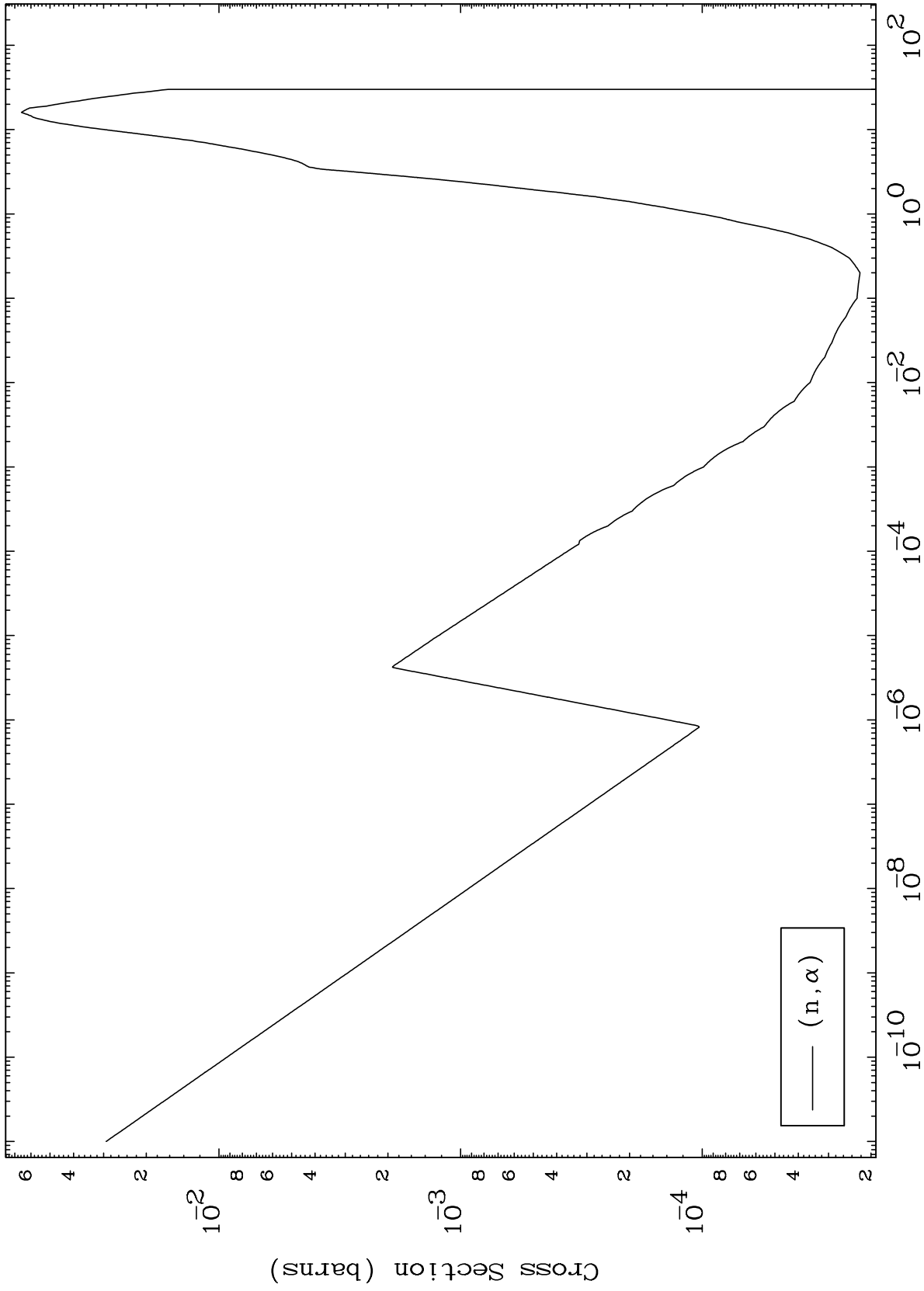
Incident Energy (MeV)

51-Sb-113

MAT 5101

(n,α) Levels
293 Kelvin Cross Sections

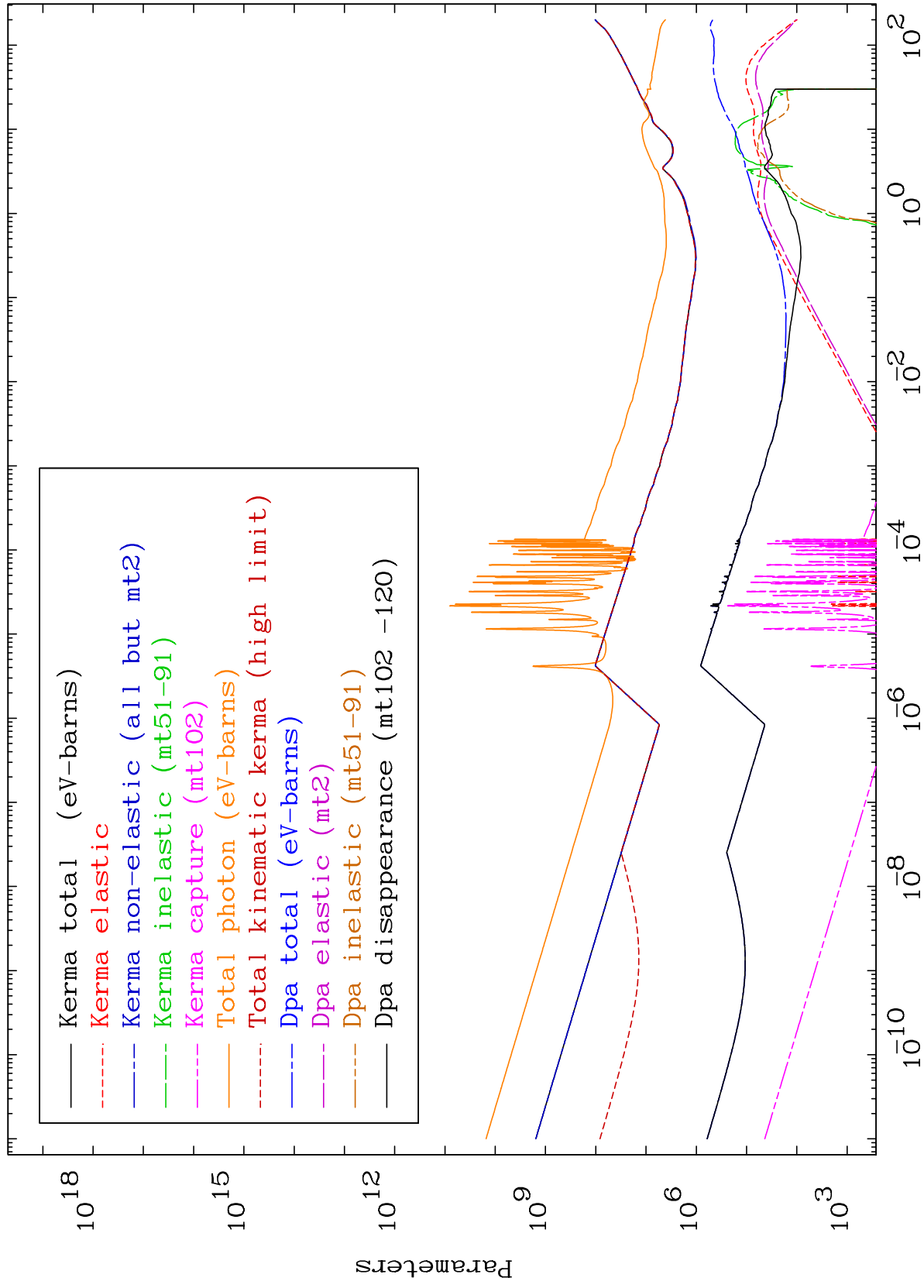
51-Sb-113



13

Incident Energy (MeV)

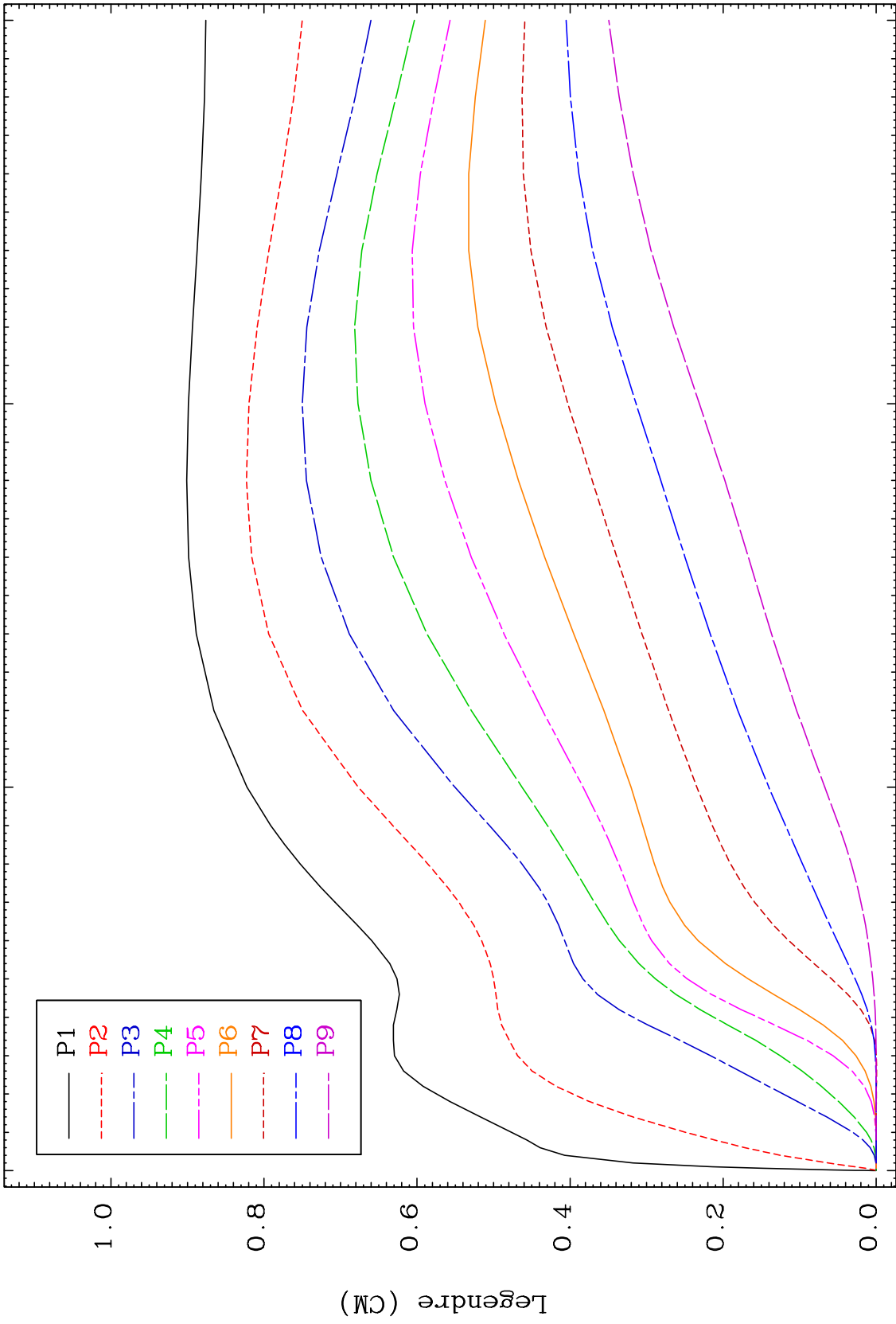
51-Sb-113



MAT 5101

Elastic Legendre Coefficients

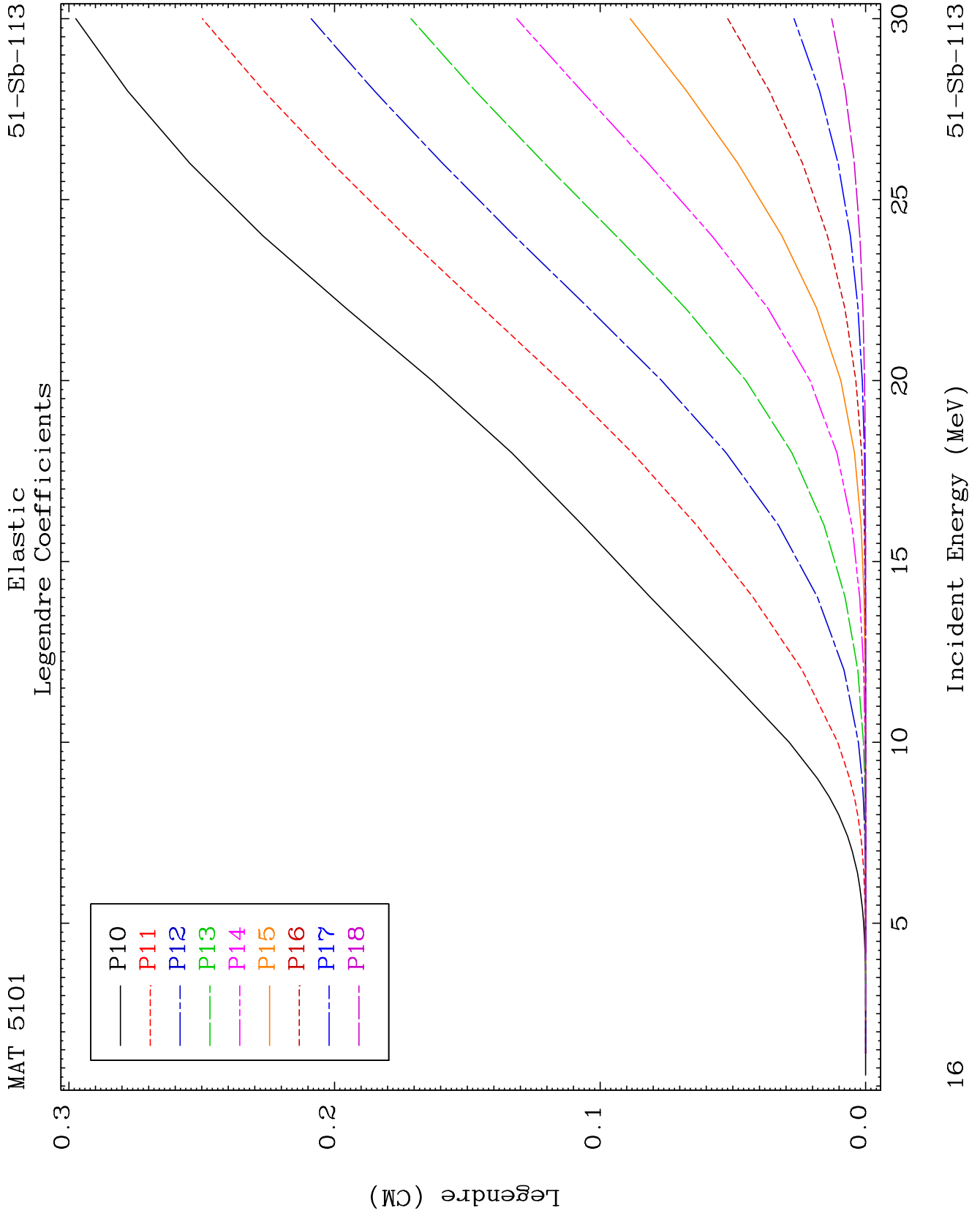
51-Sb-113



15

Incident Energy (MeV)

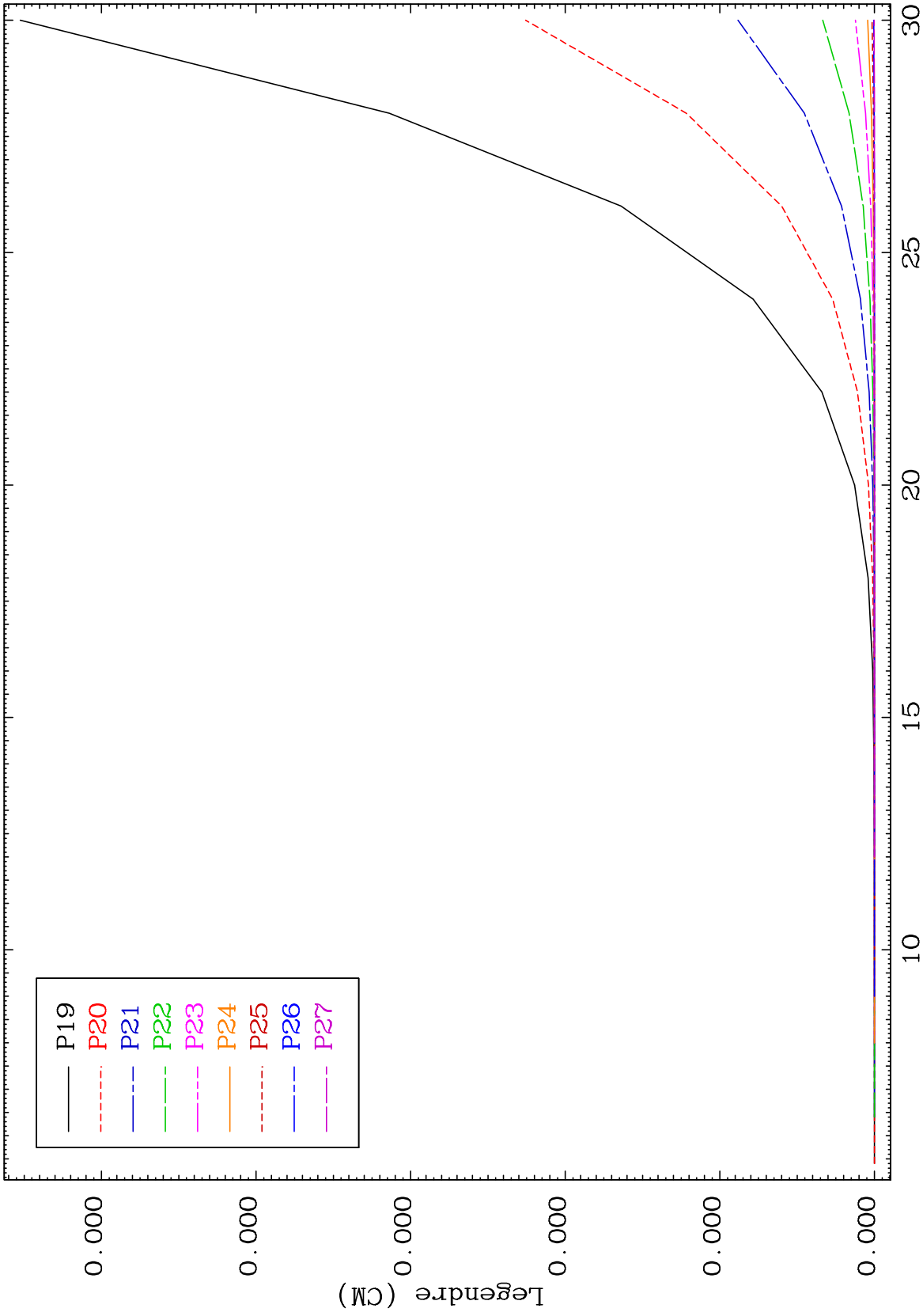
51-Sb-113



MAT 5101

Elastic Legendre Coefficients

51-Sb-113



17

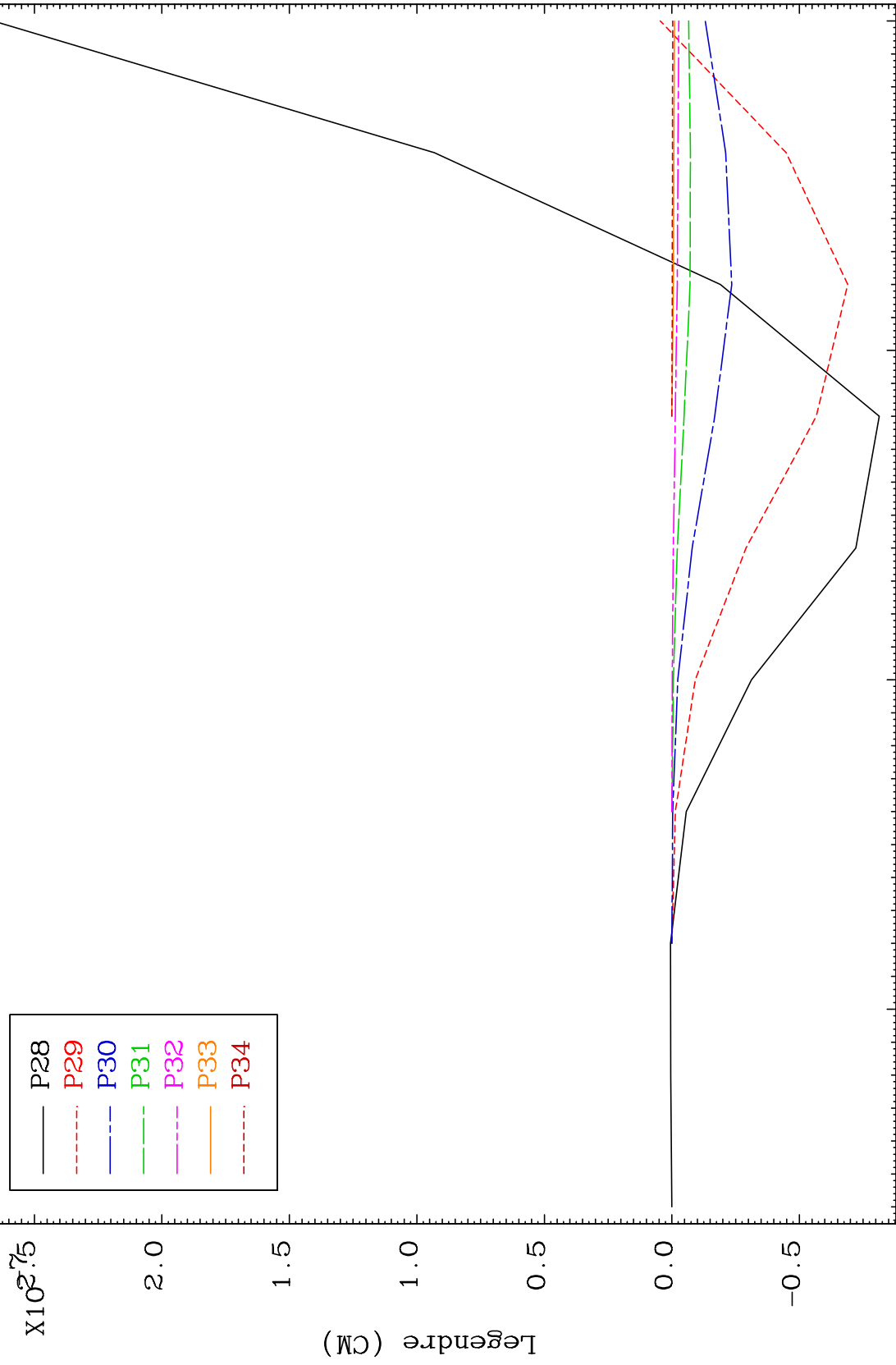
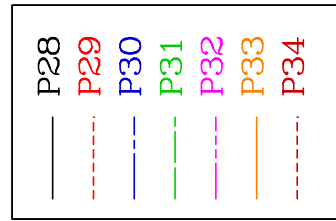
Incident Energy (MeV)

51-Sb-113

MAT 5101

Elastic Legendre Coefficients

51-Sb-113



18

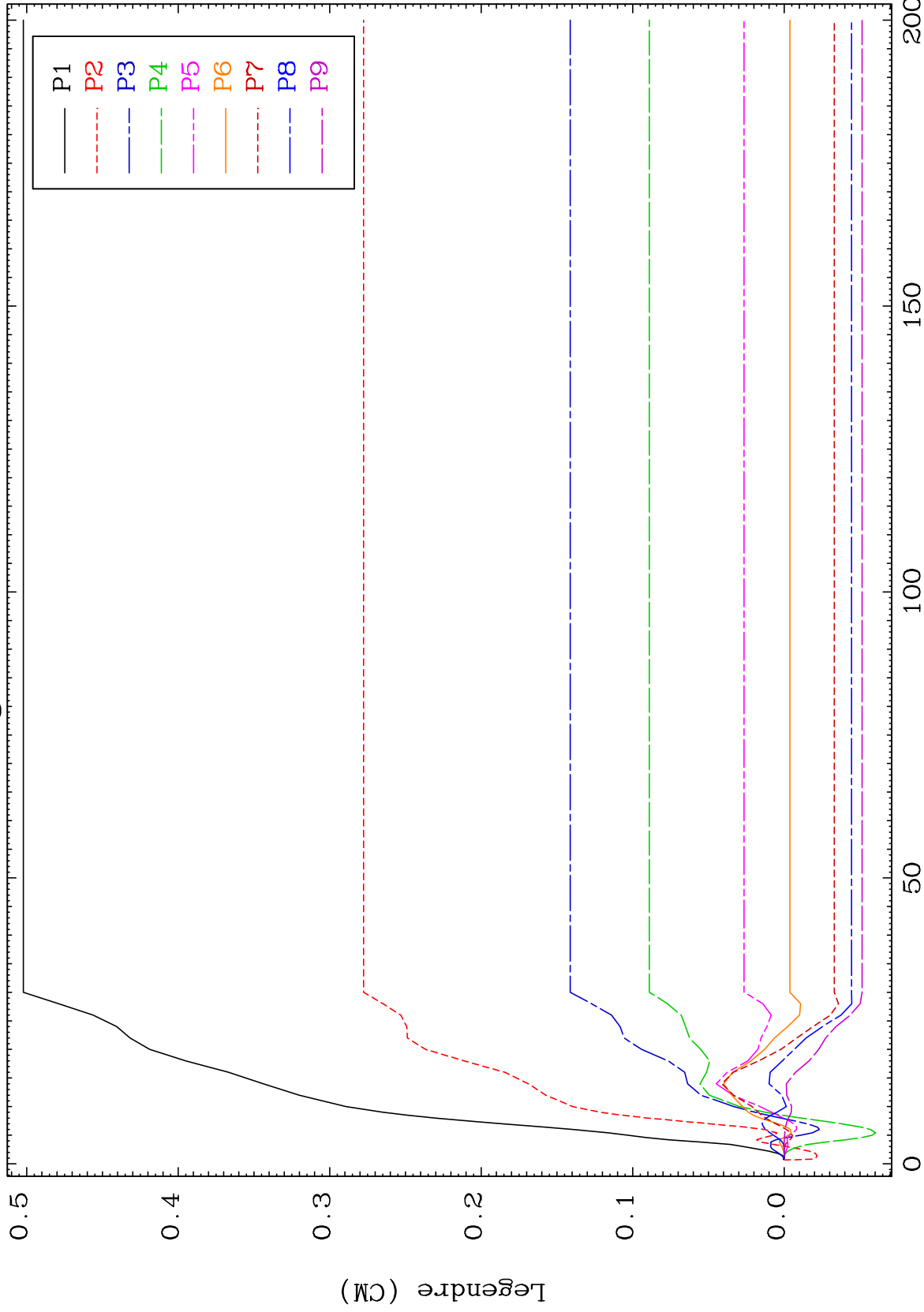
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



19

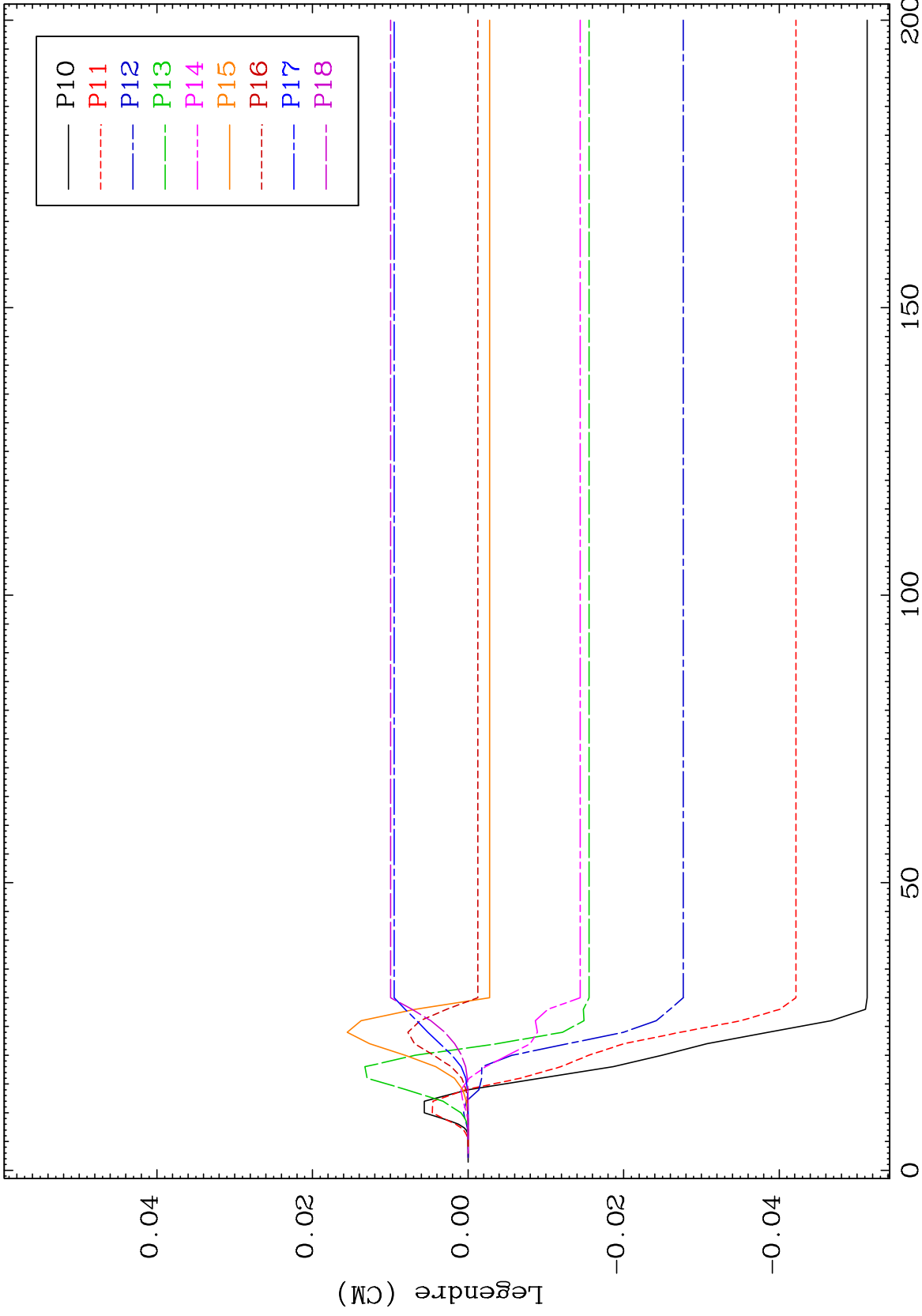
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



20

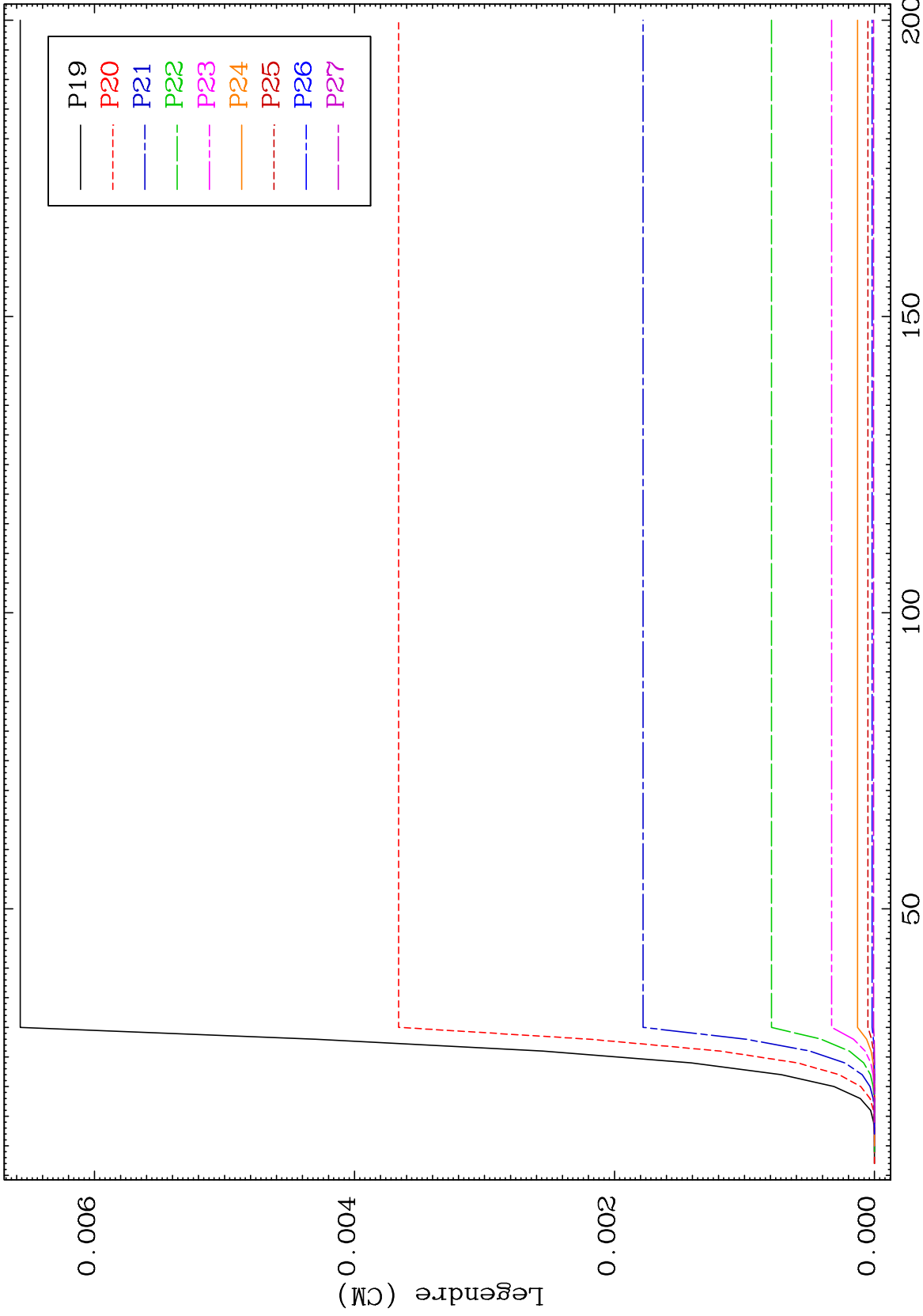
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



21

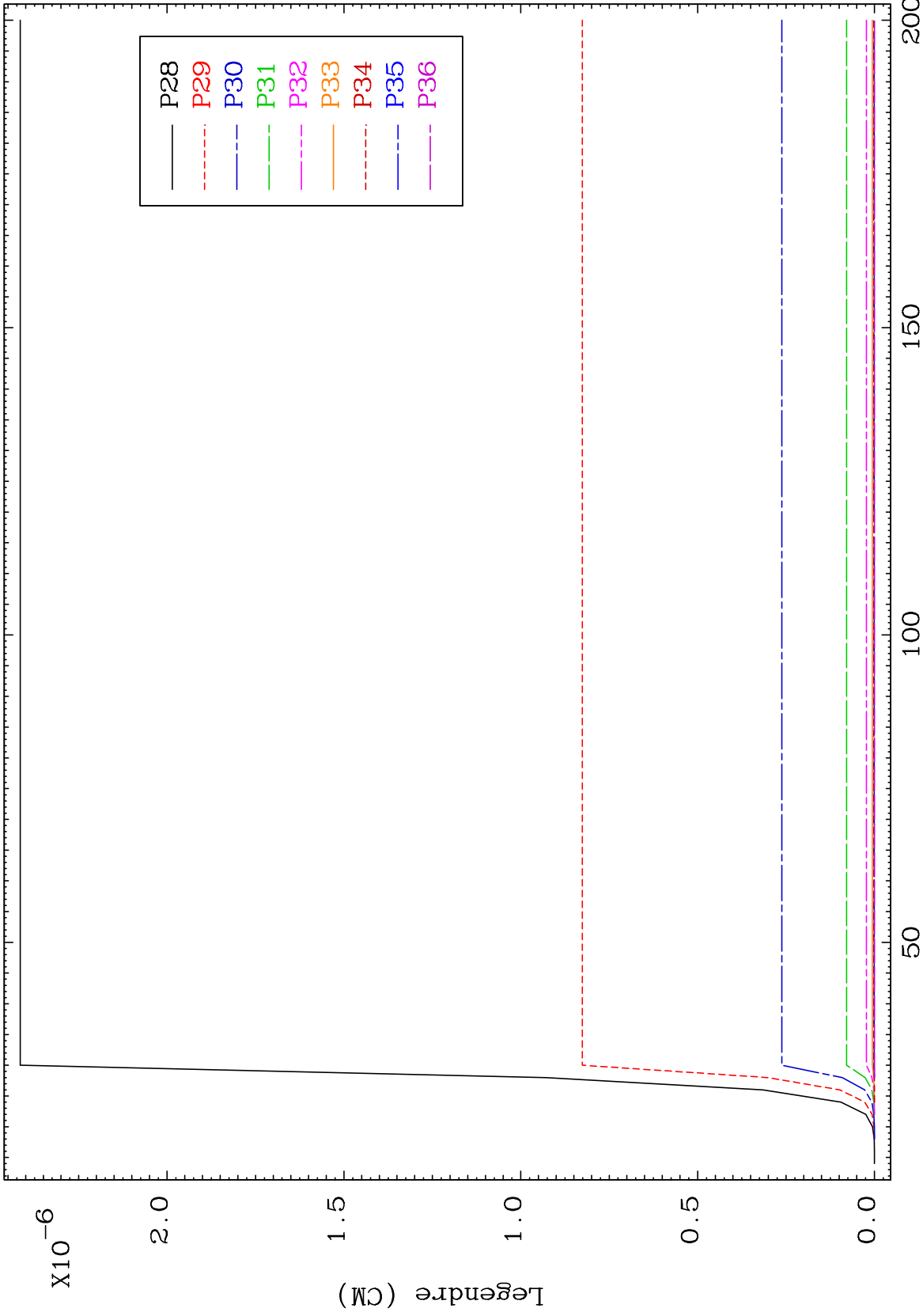
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



22

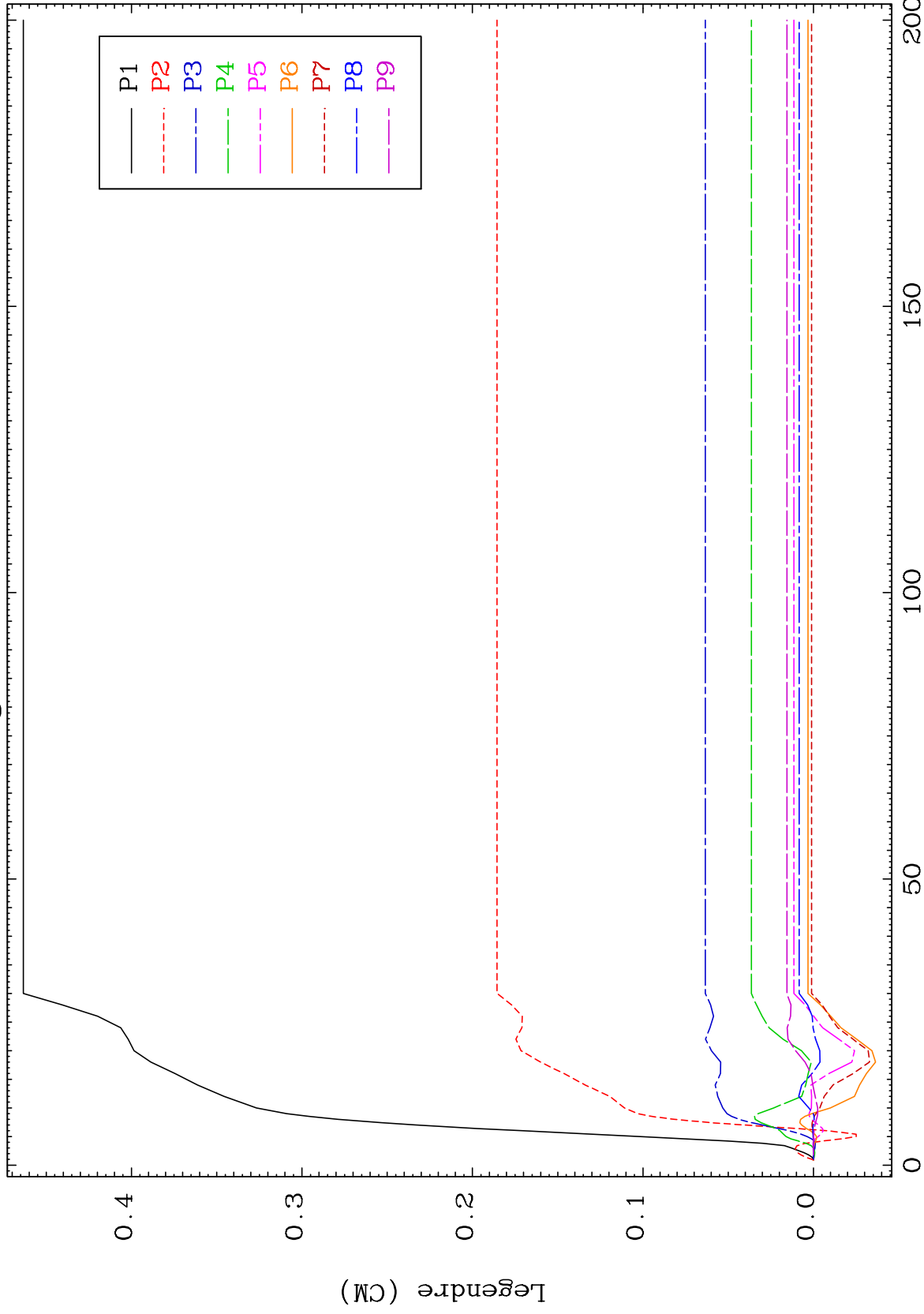
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



23

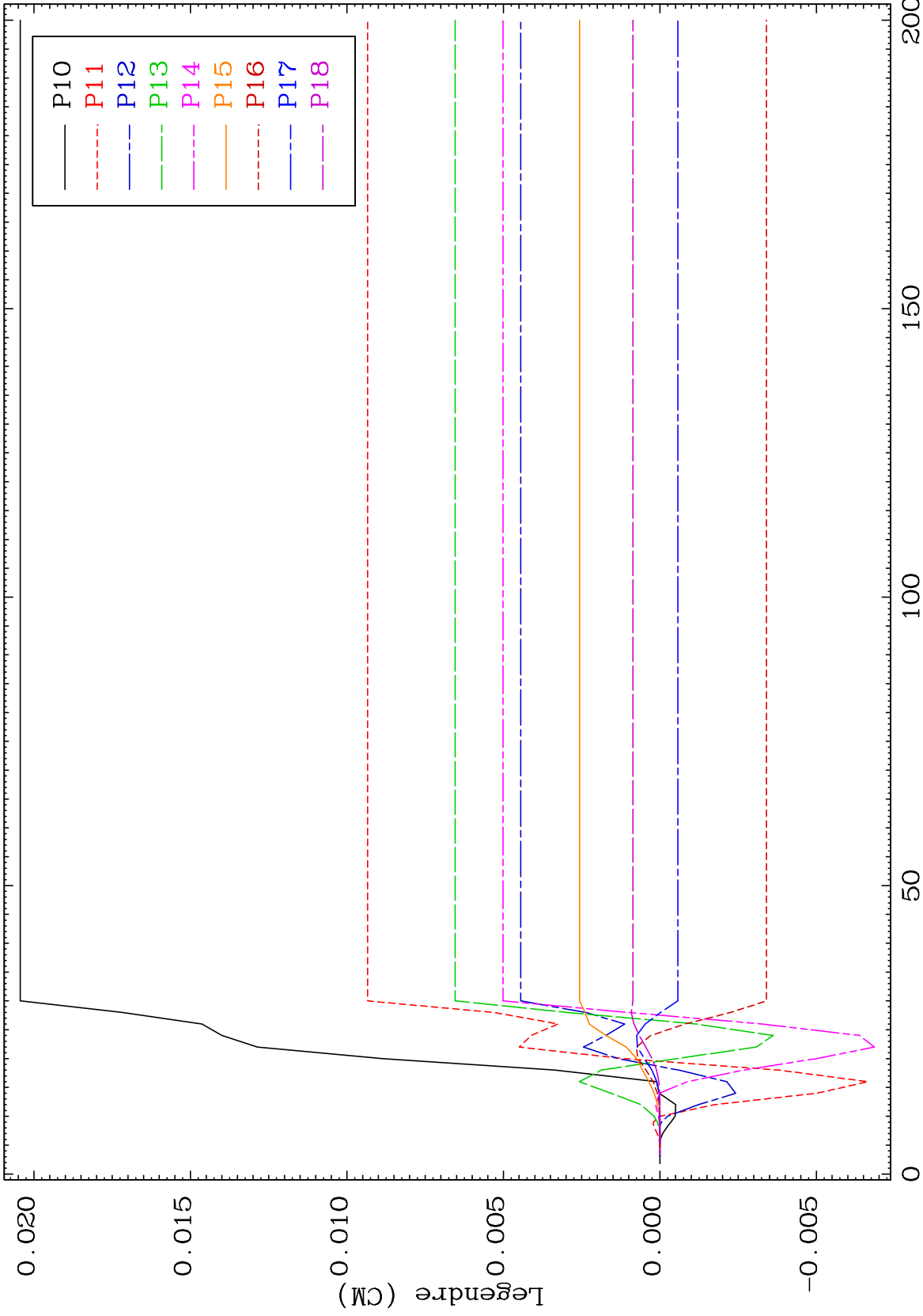
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



24

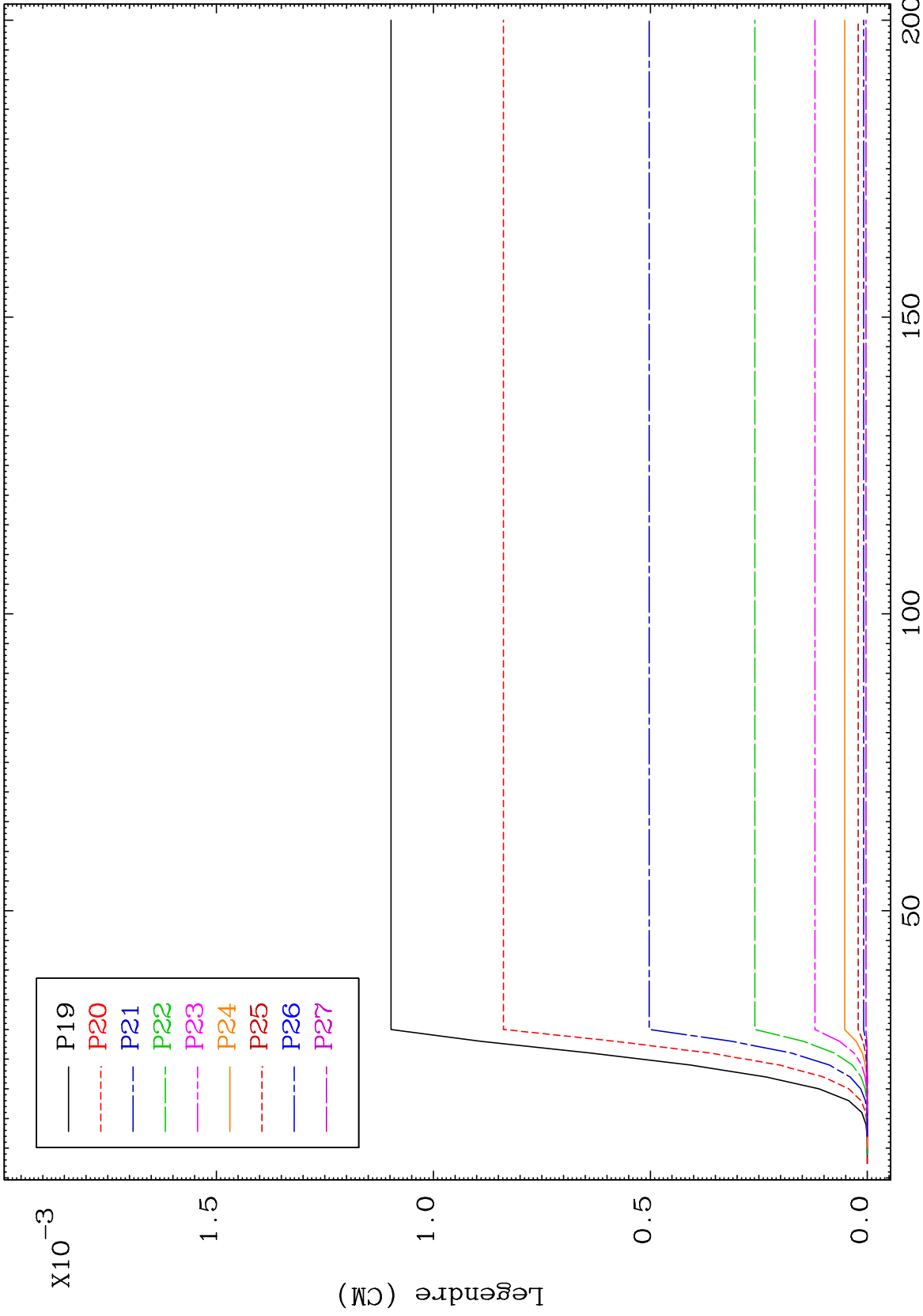
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



25

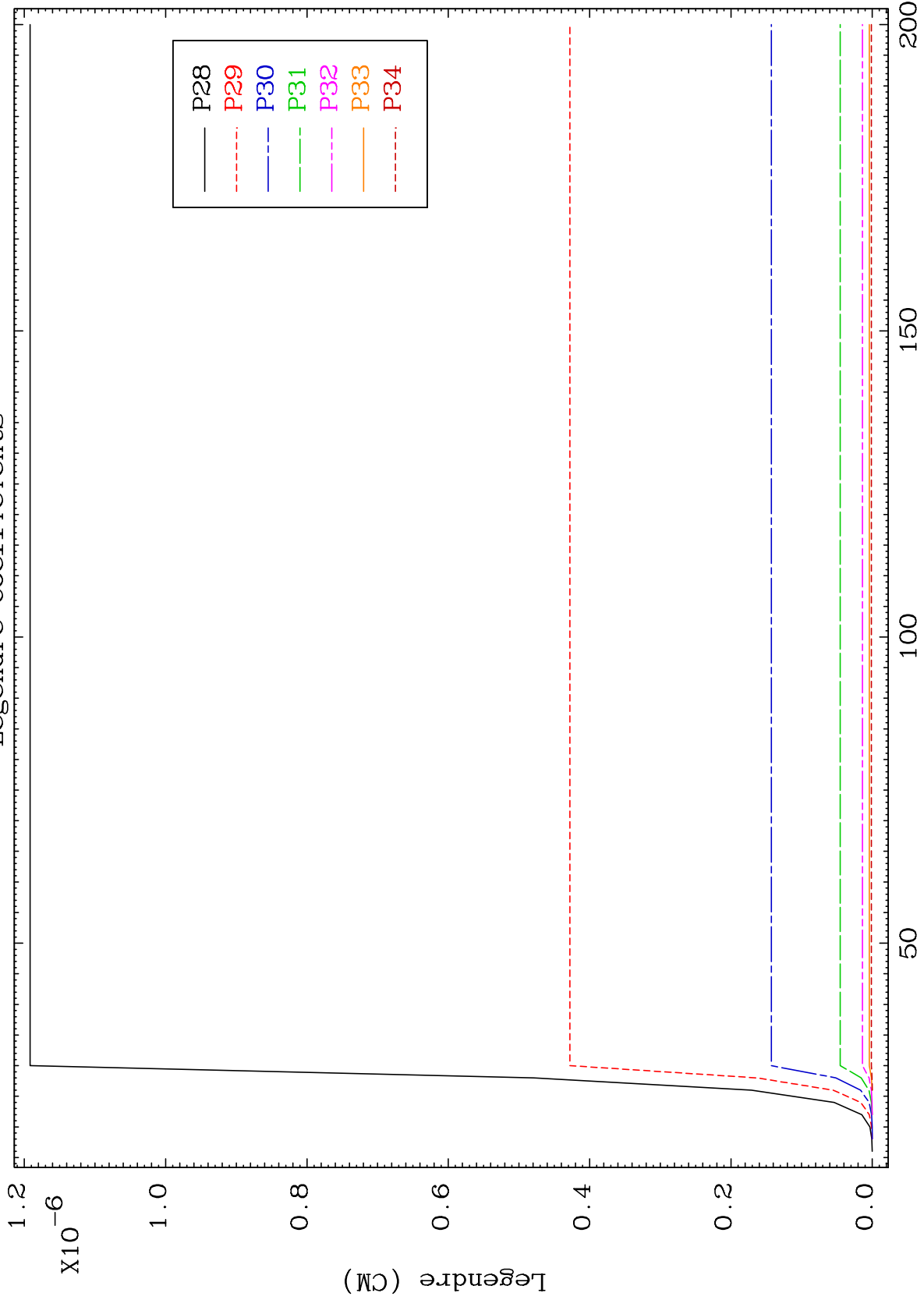
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



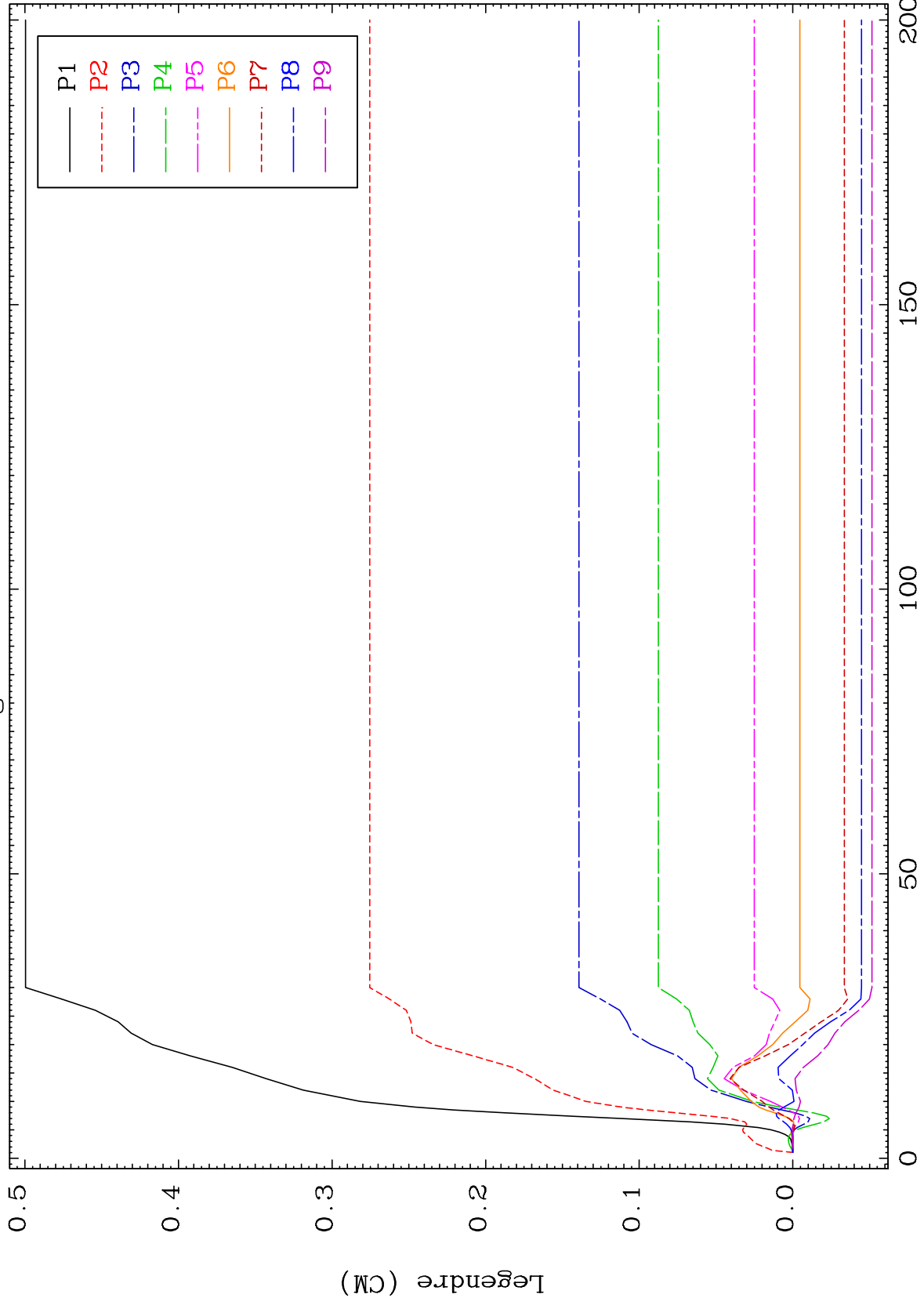
26

51-Sb-113

MAT 5101

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

51-Sb-113



27

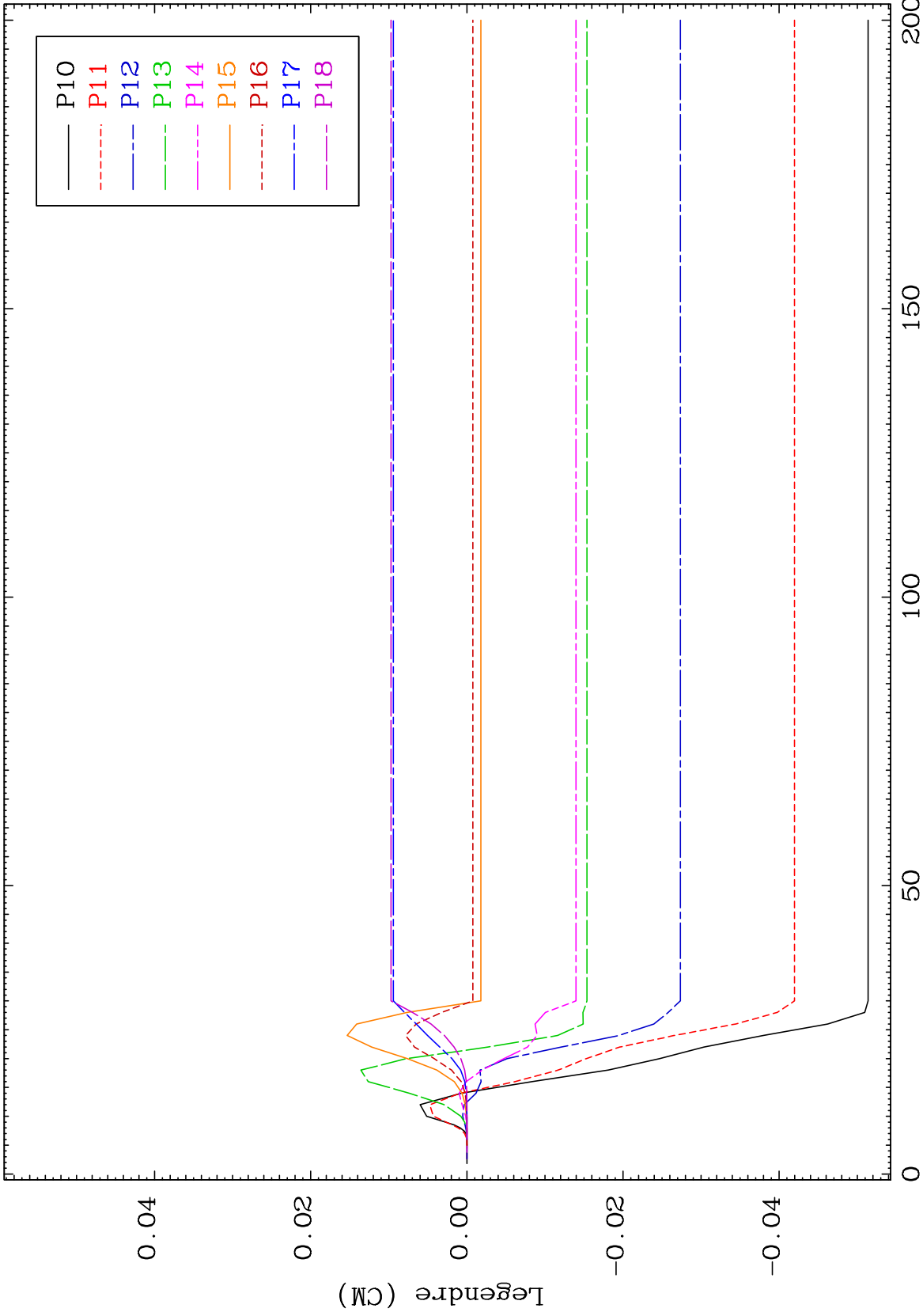
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



28

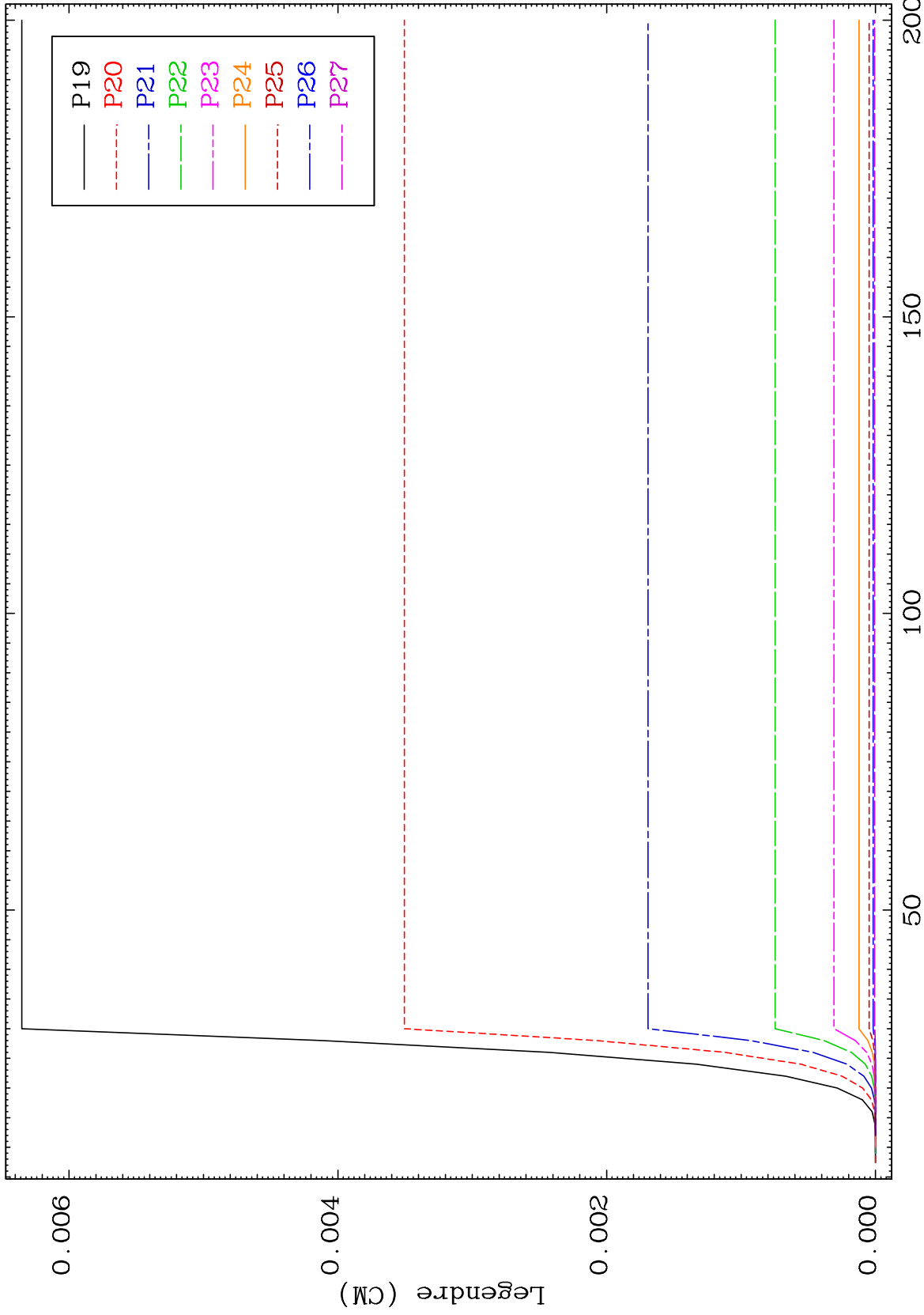
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



29

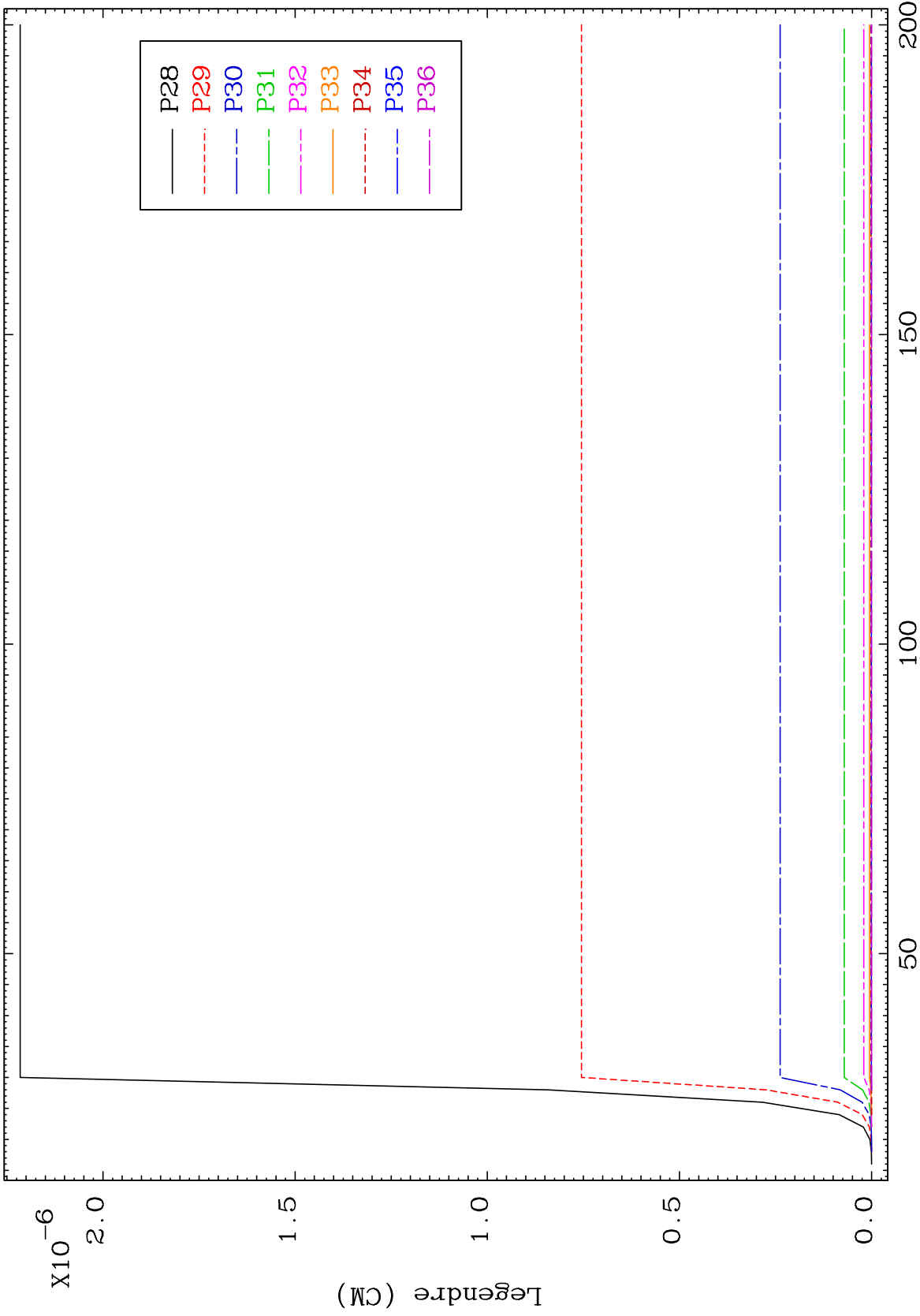
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



30

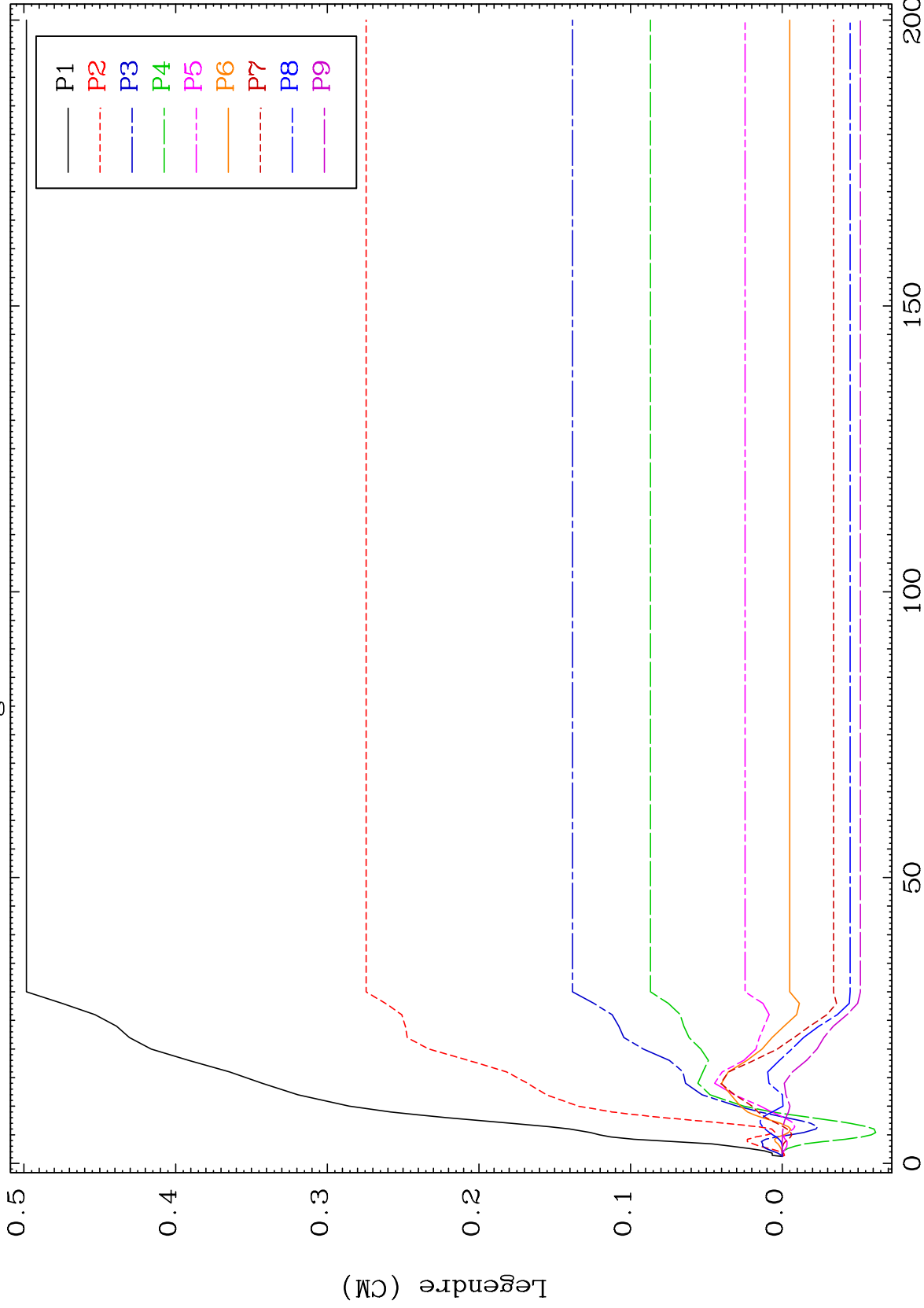
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



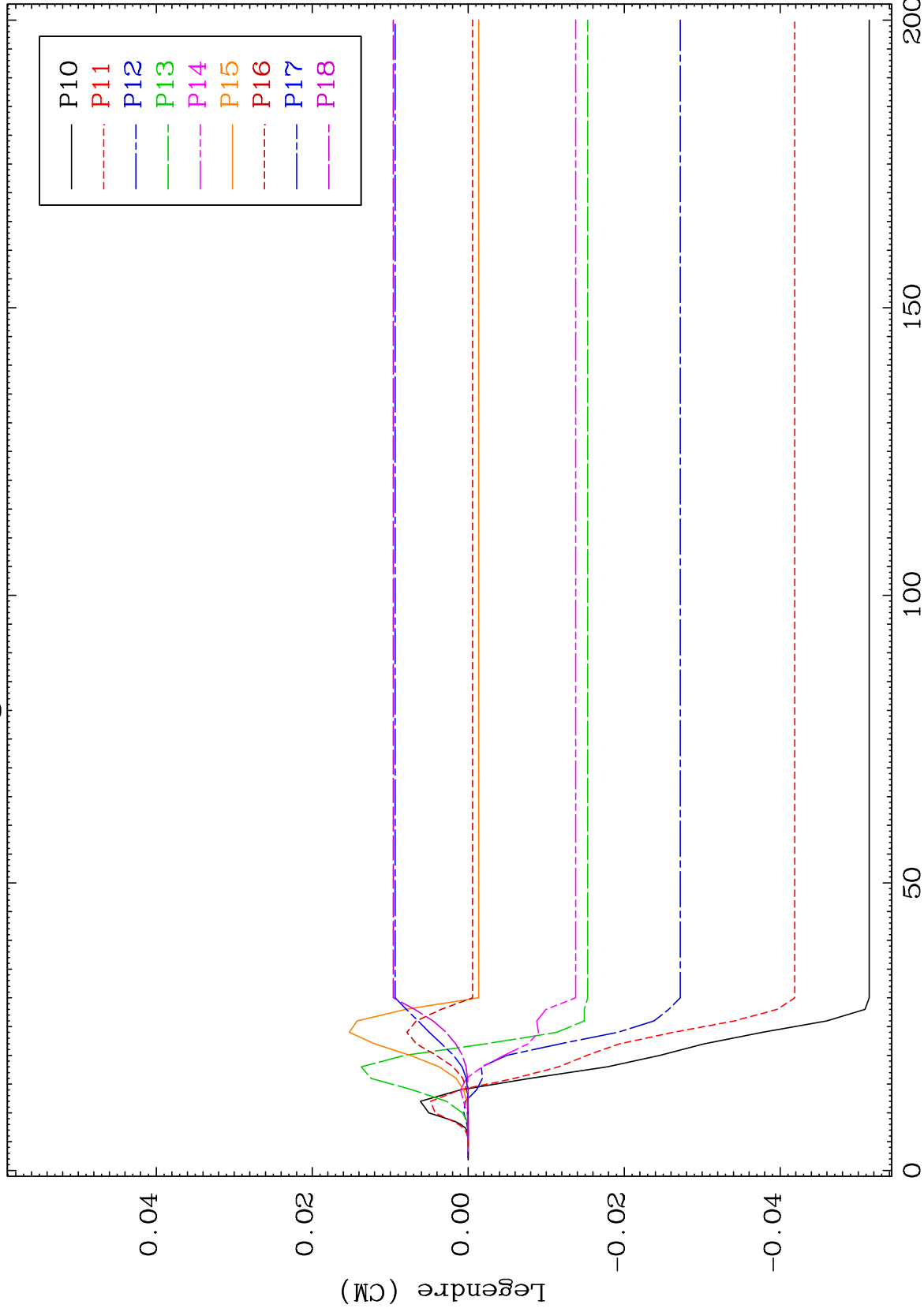
31

51-Sb-113

MAT 5101

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

51-Sb-113



32

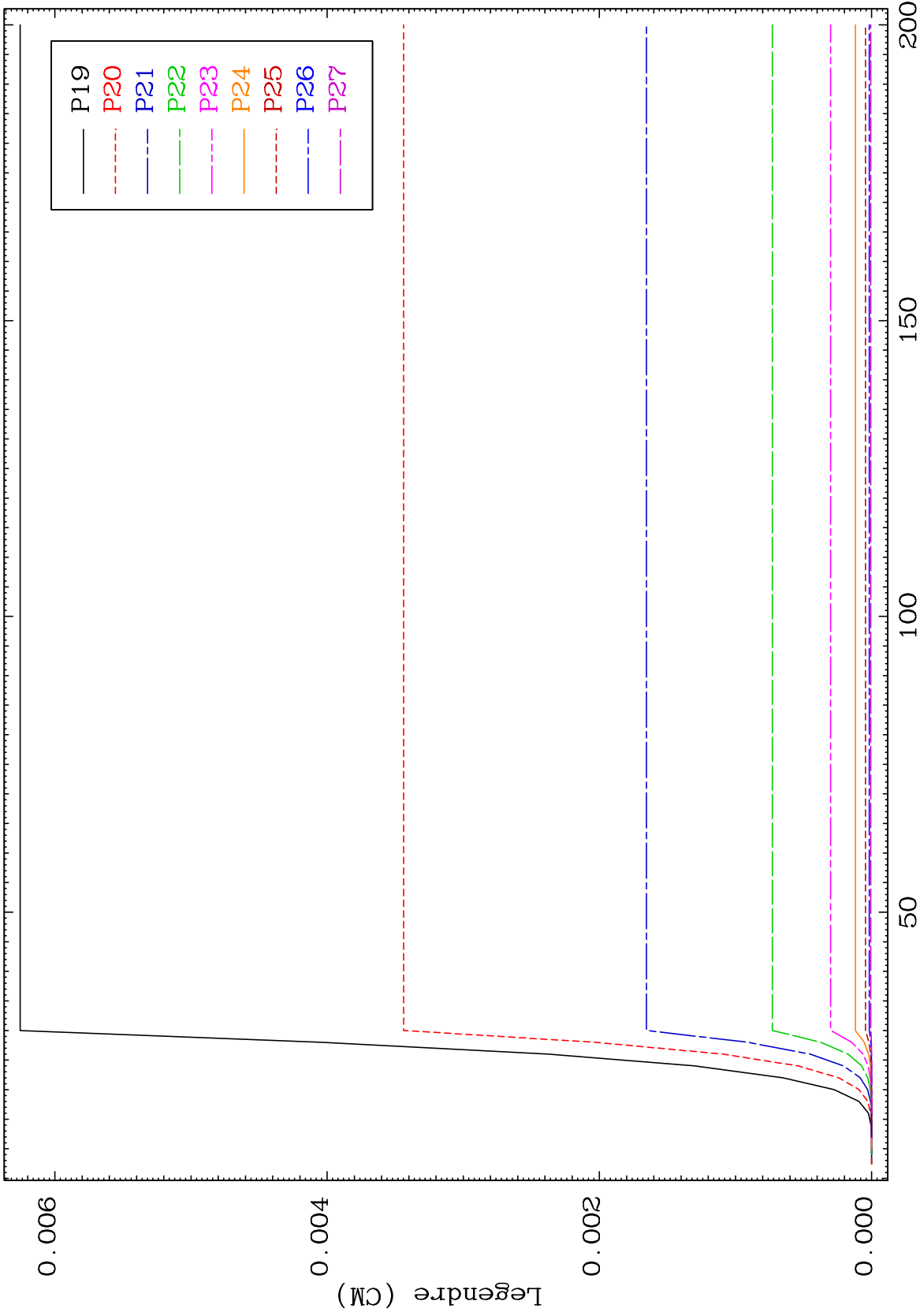
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



33

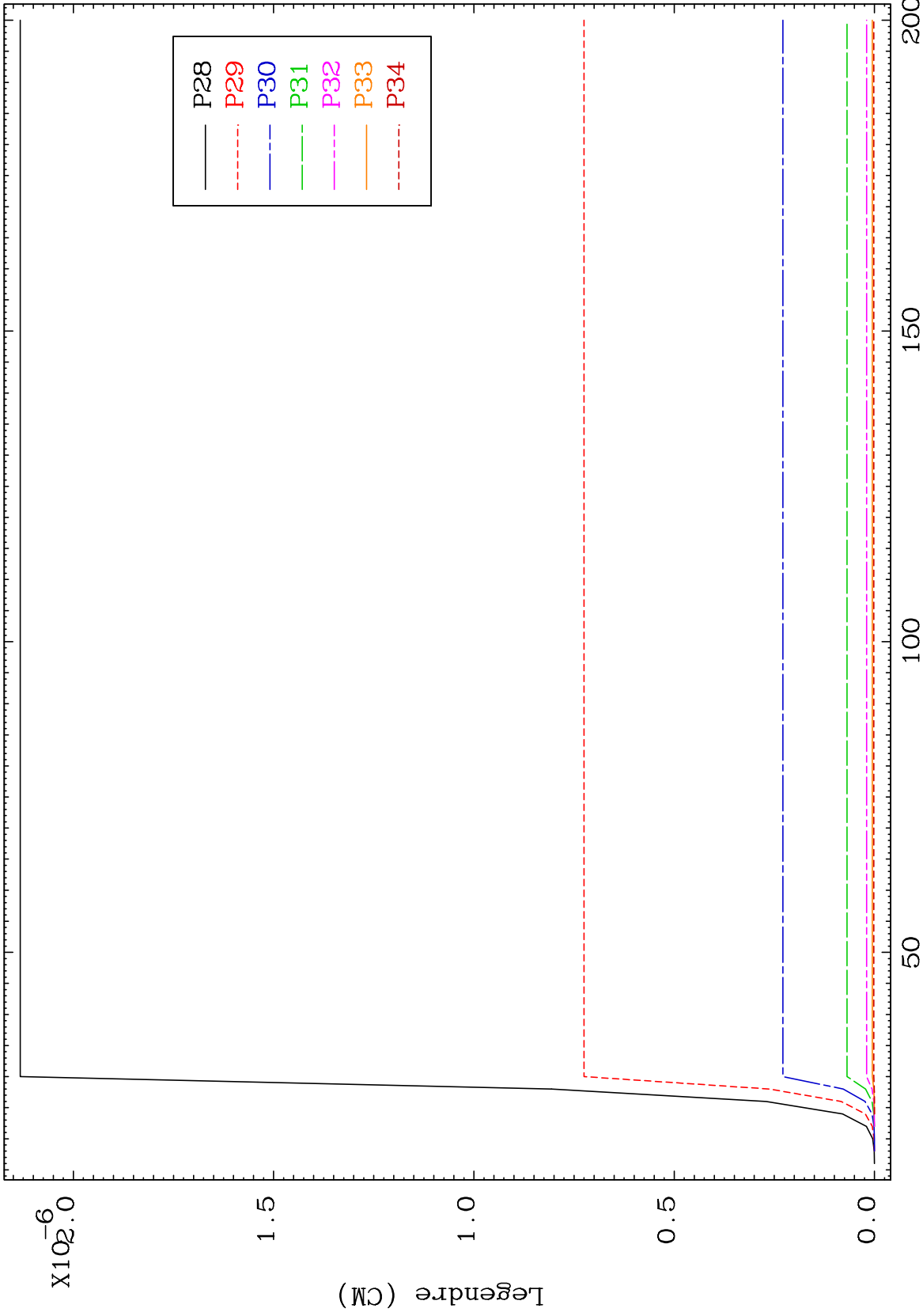
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



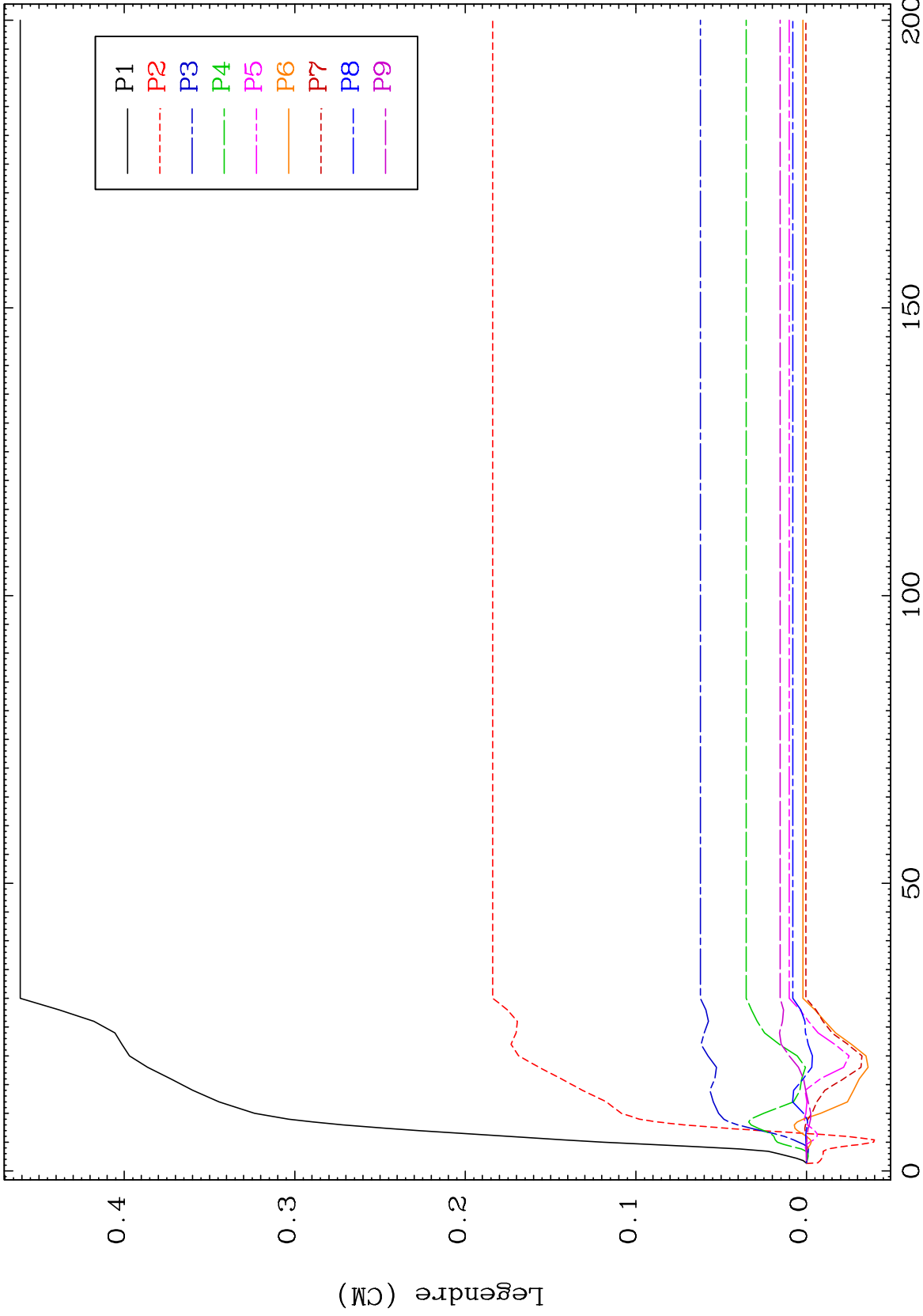
34

51-Sb-113

MAT 5101

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

51-Sb-113



51-Sb-113

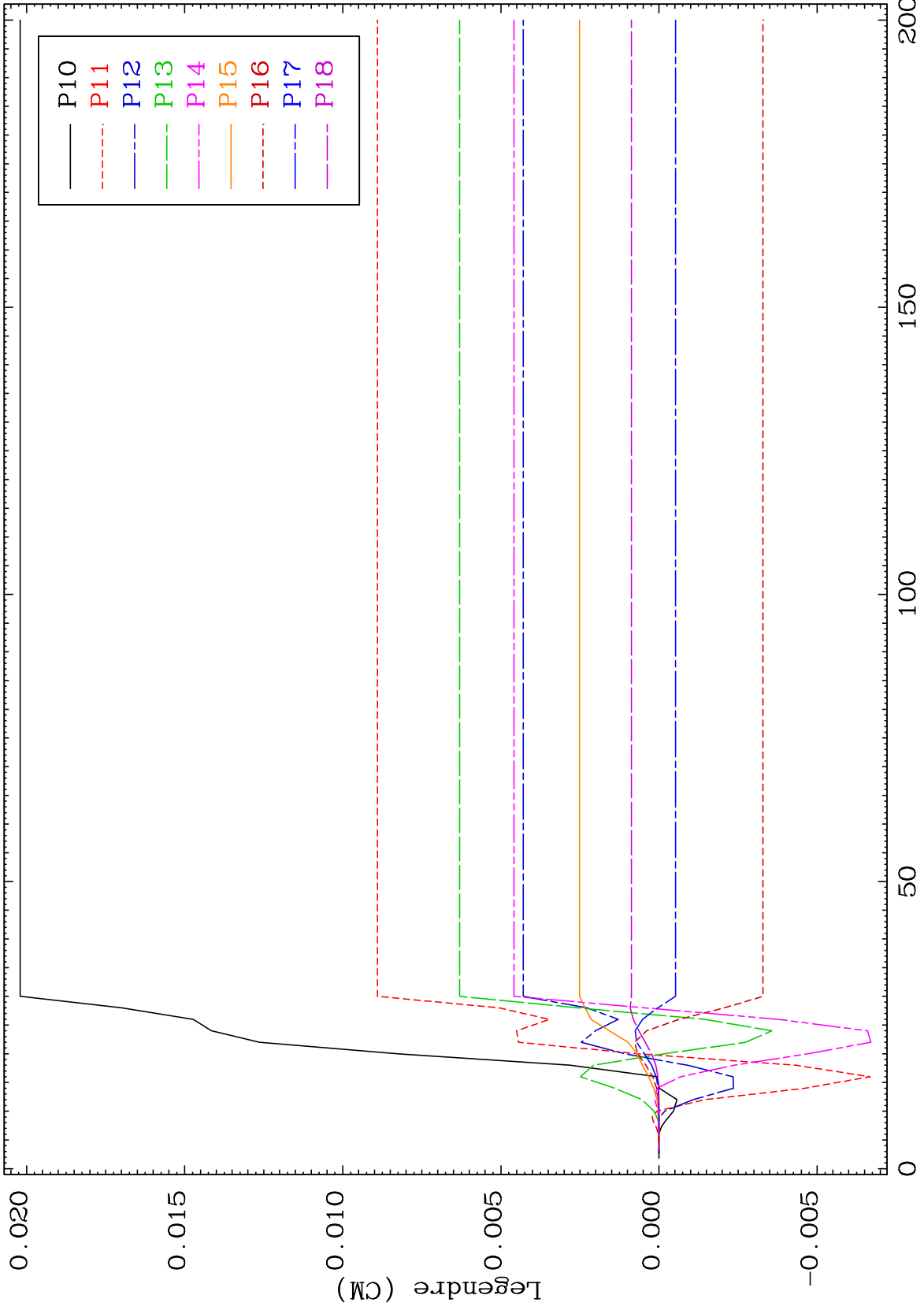
Incident Energy (MeV)

35

MAT 5101

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

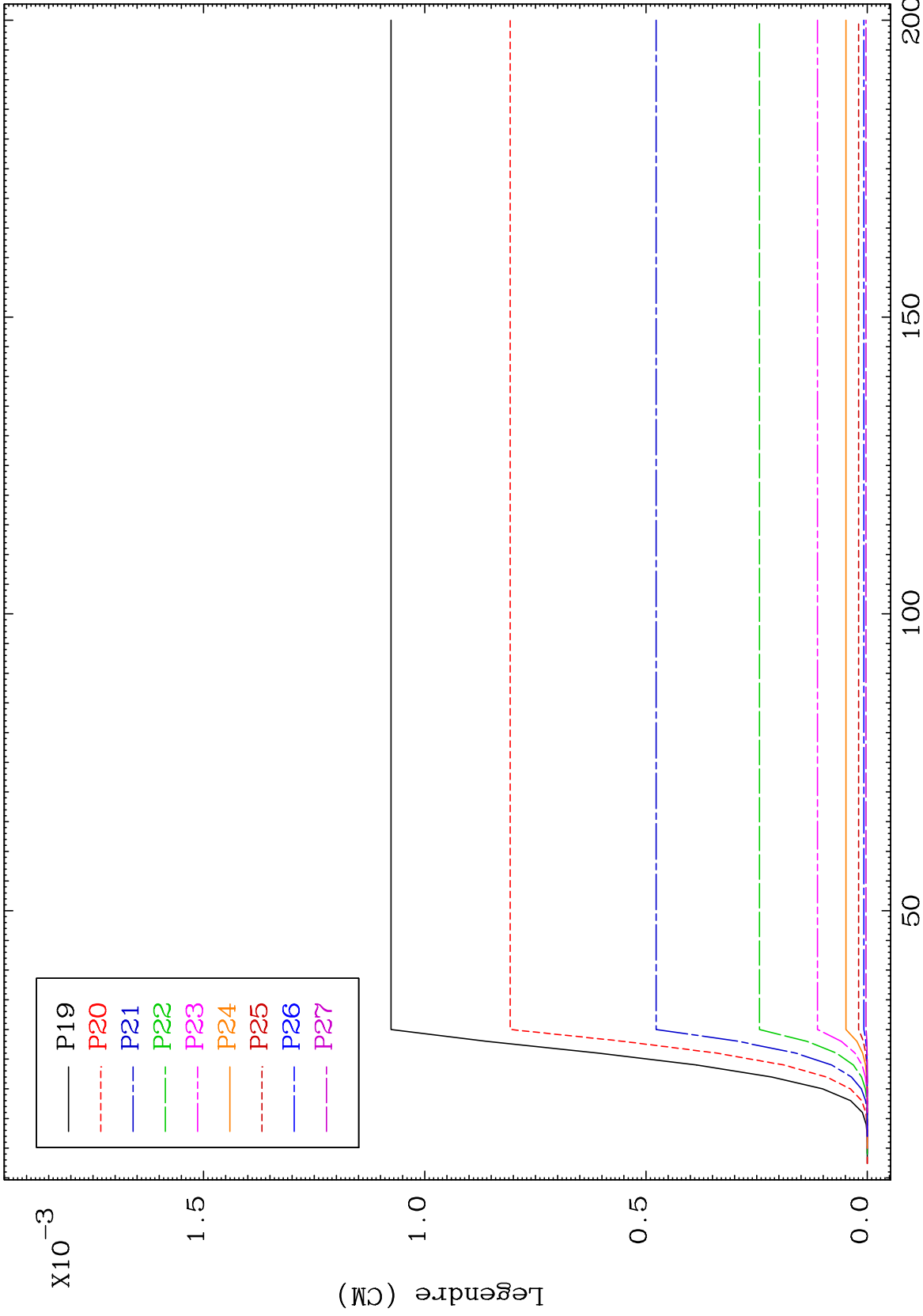
51-Sb-113



36

Incident Energy (MeV)

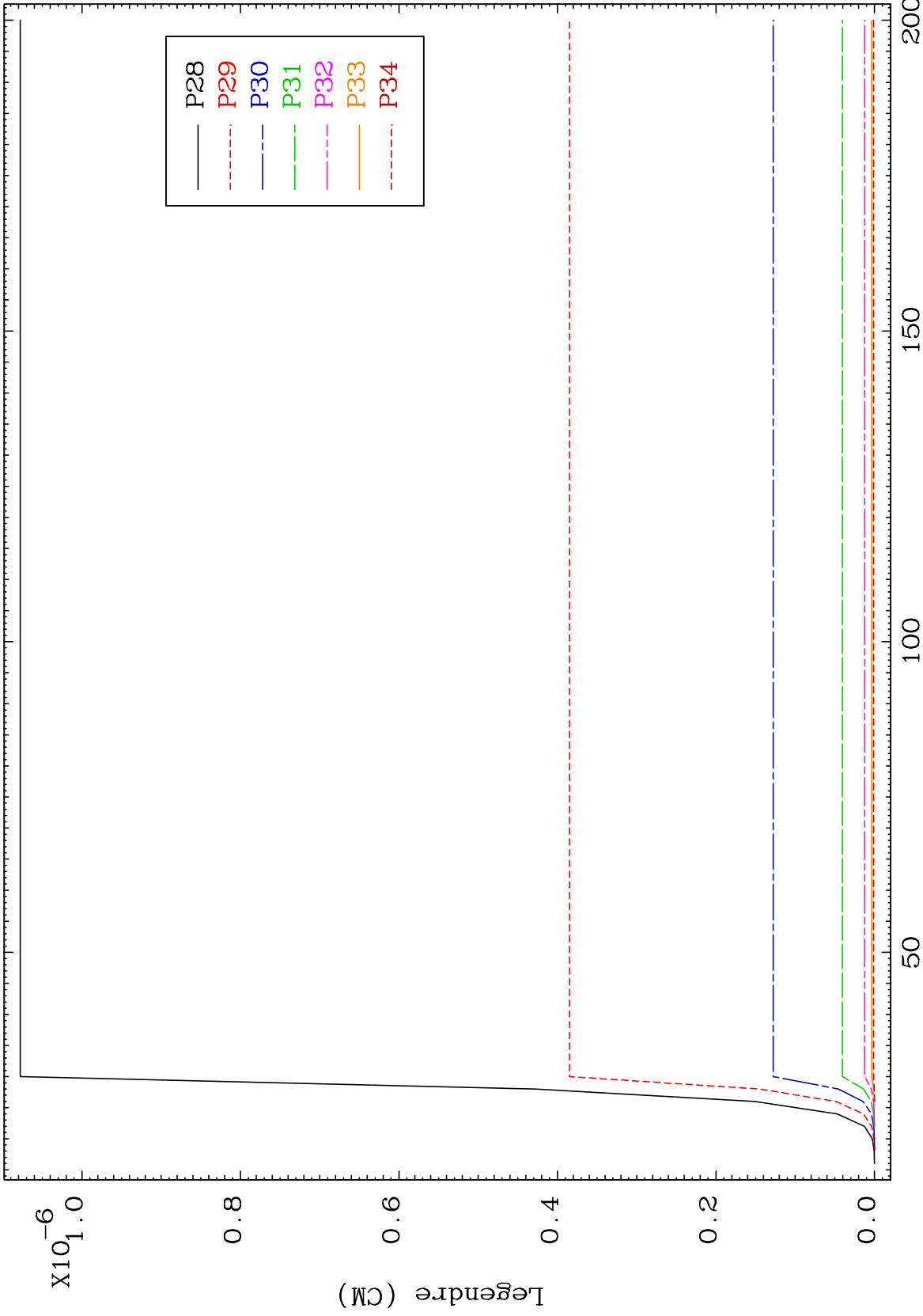
51-Sb-113



MAT 5101

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

51-Sb-113



38

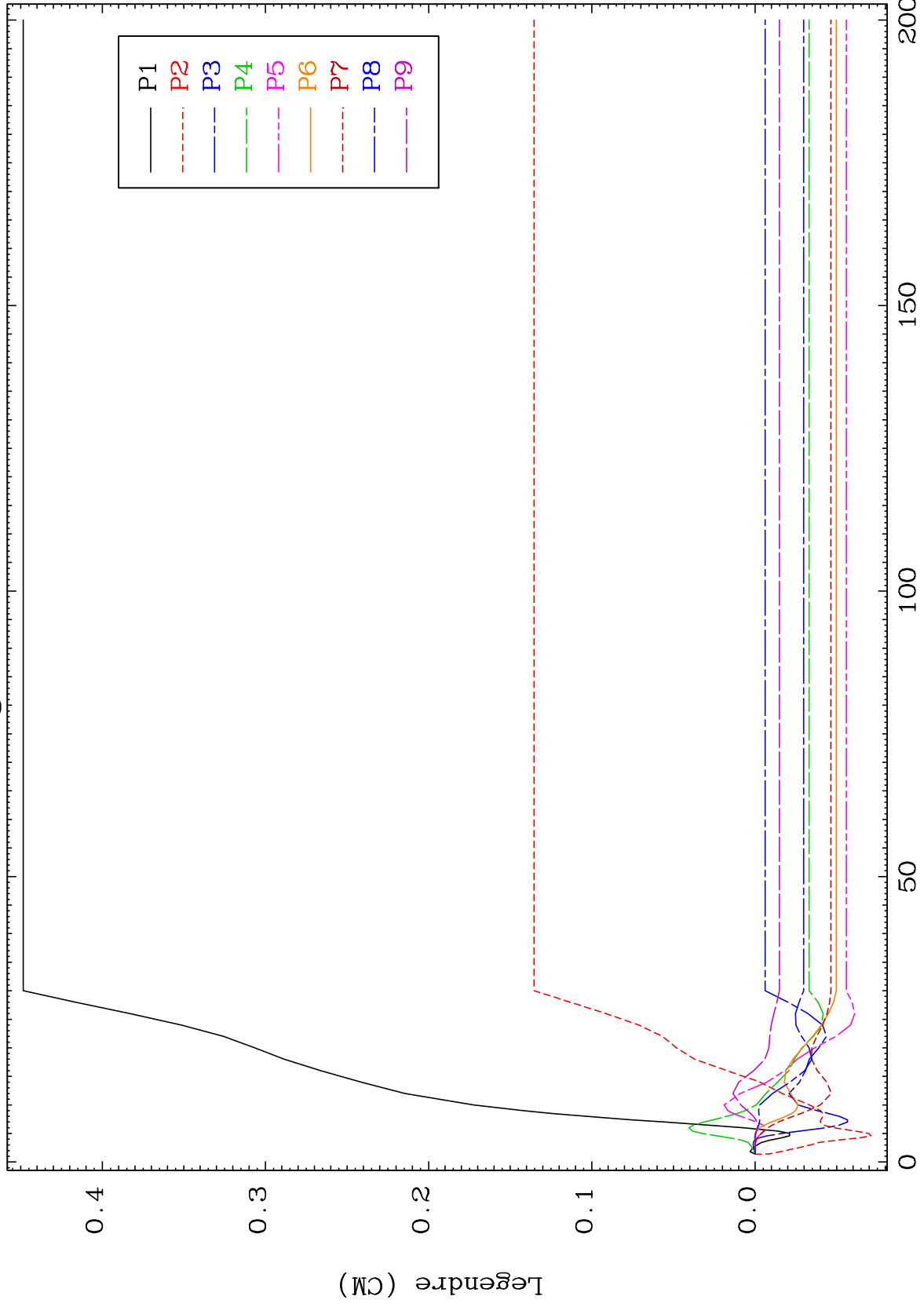
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113

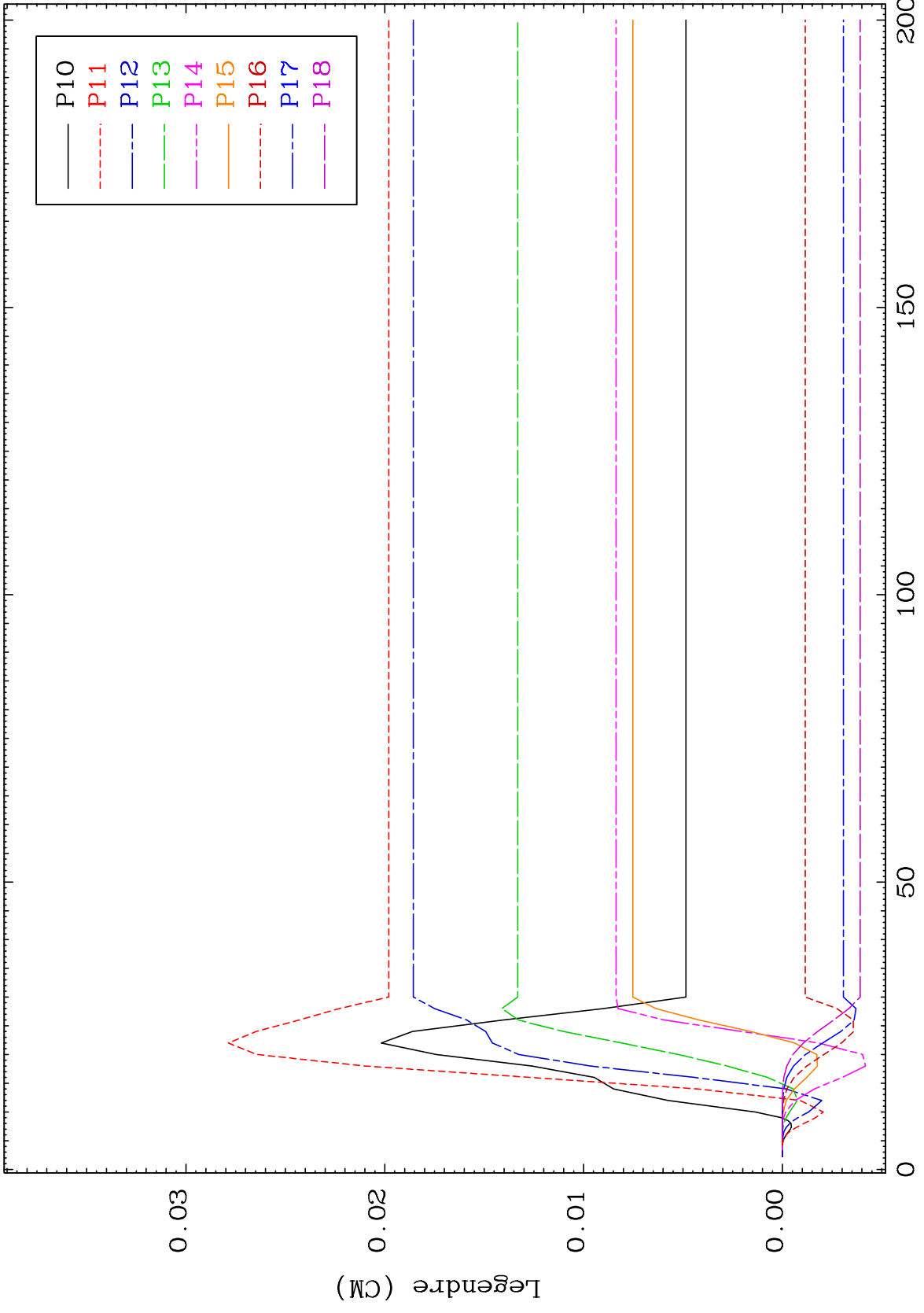


39

Incident Energy (MeV)

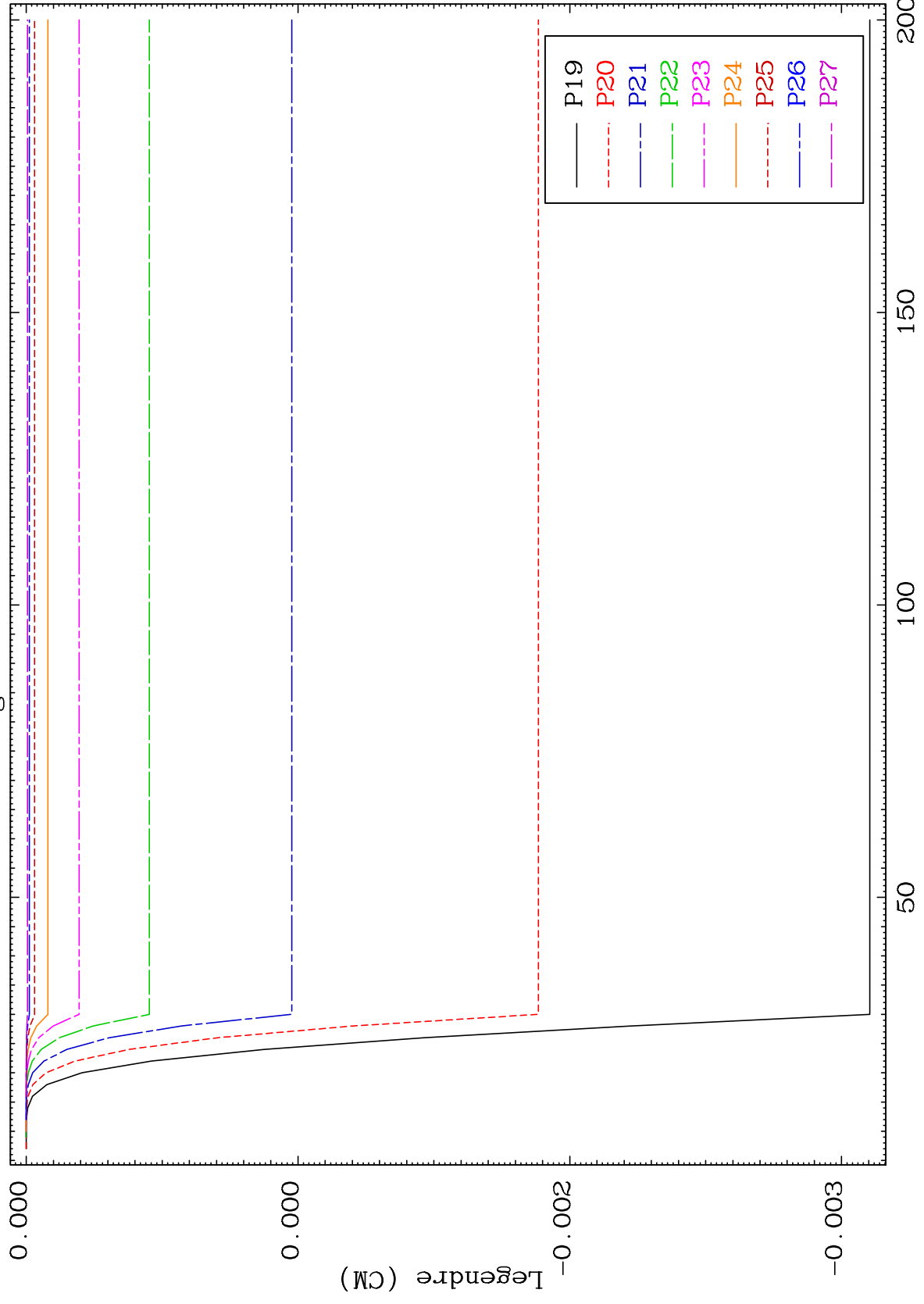
51-Sb-113

MAT 5101 MT= 56 (n,n') Level Legendre Coefficients 51-Sb-113



51-Sb-113

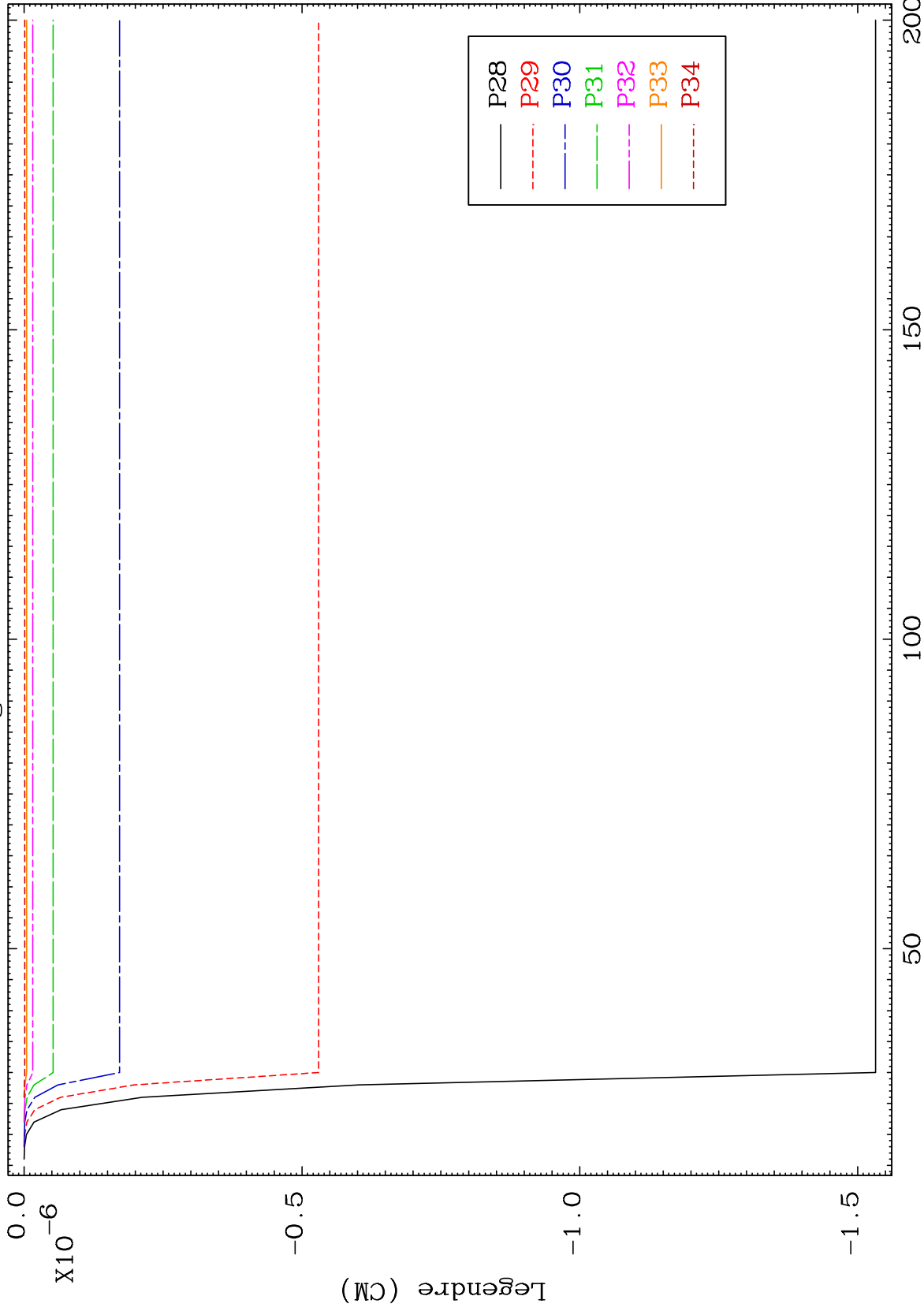
MAT 5101 MT= 56 (n,n') Level Legendre Coefficients 51-Sb-113



MAT 5101

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

51-Sb-113



42

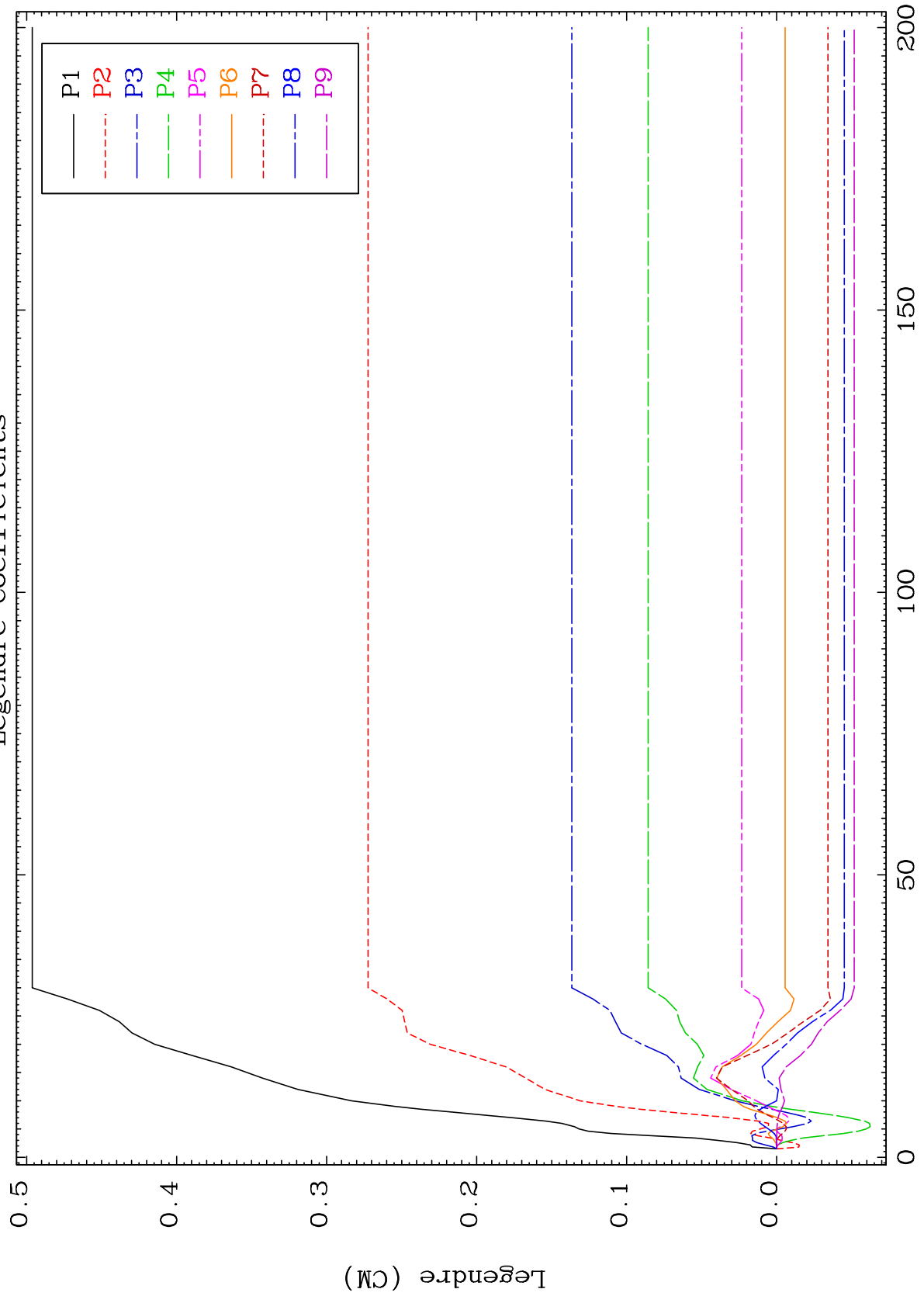
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



43

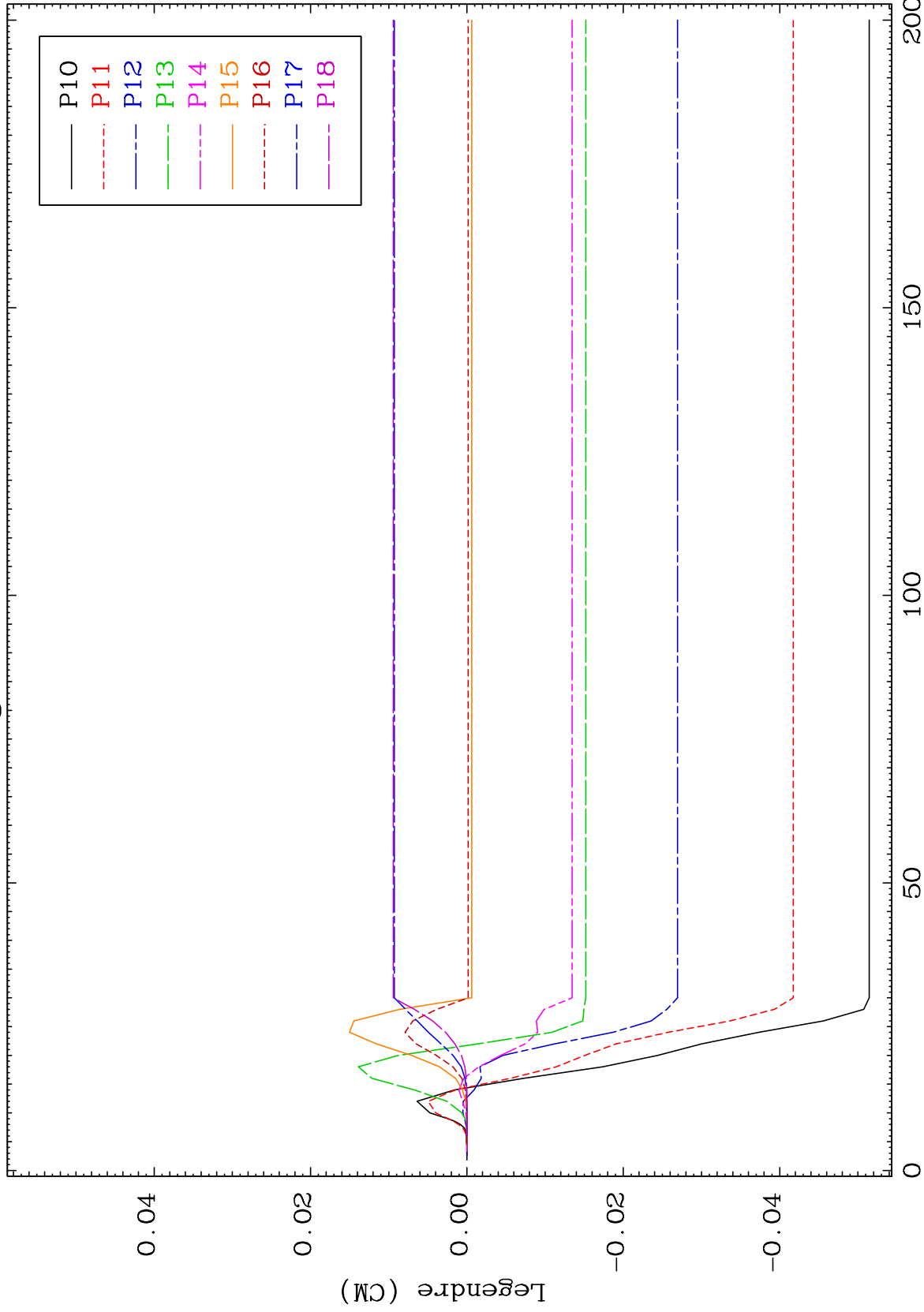
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



44

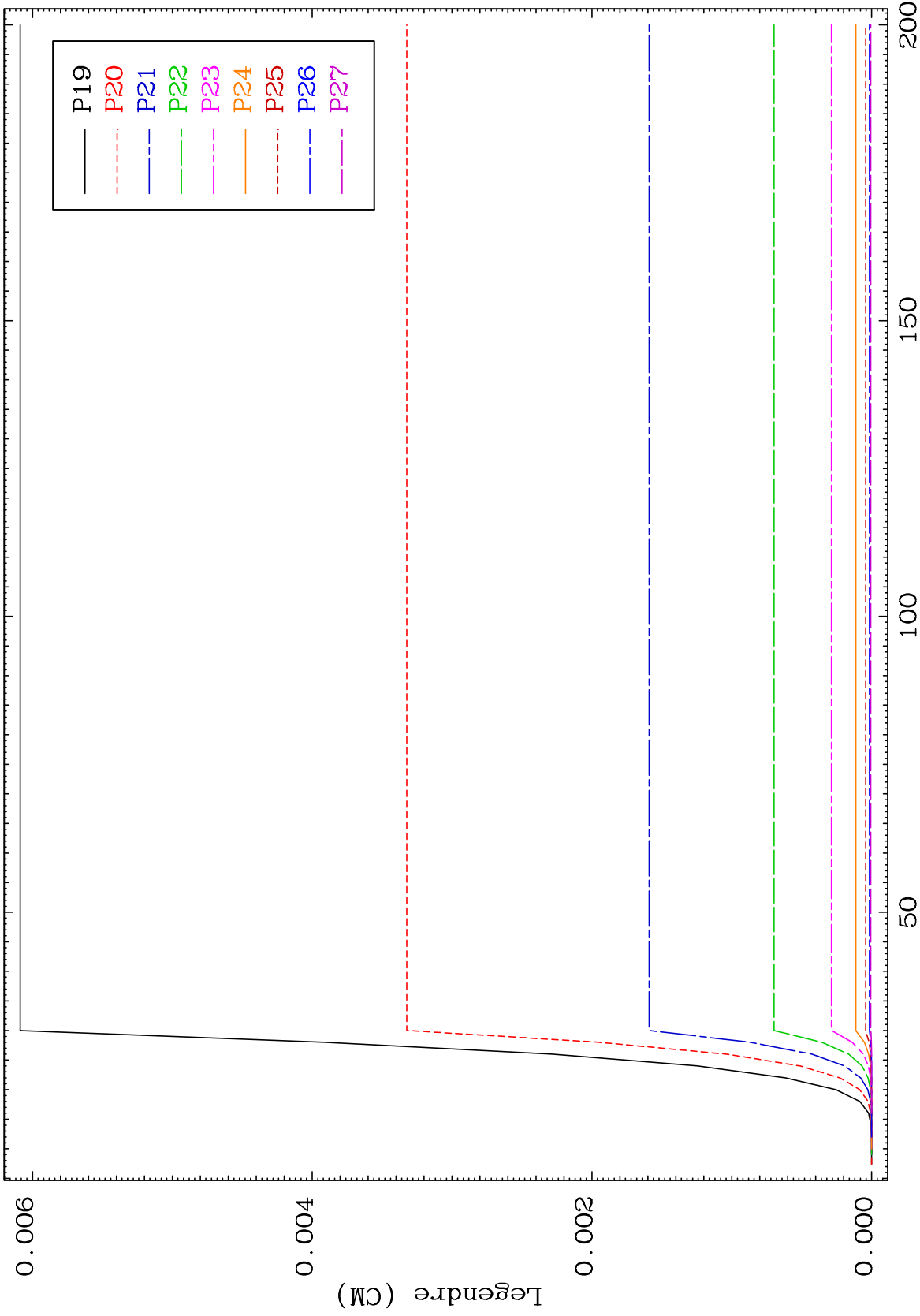
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



45

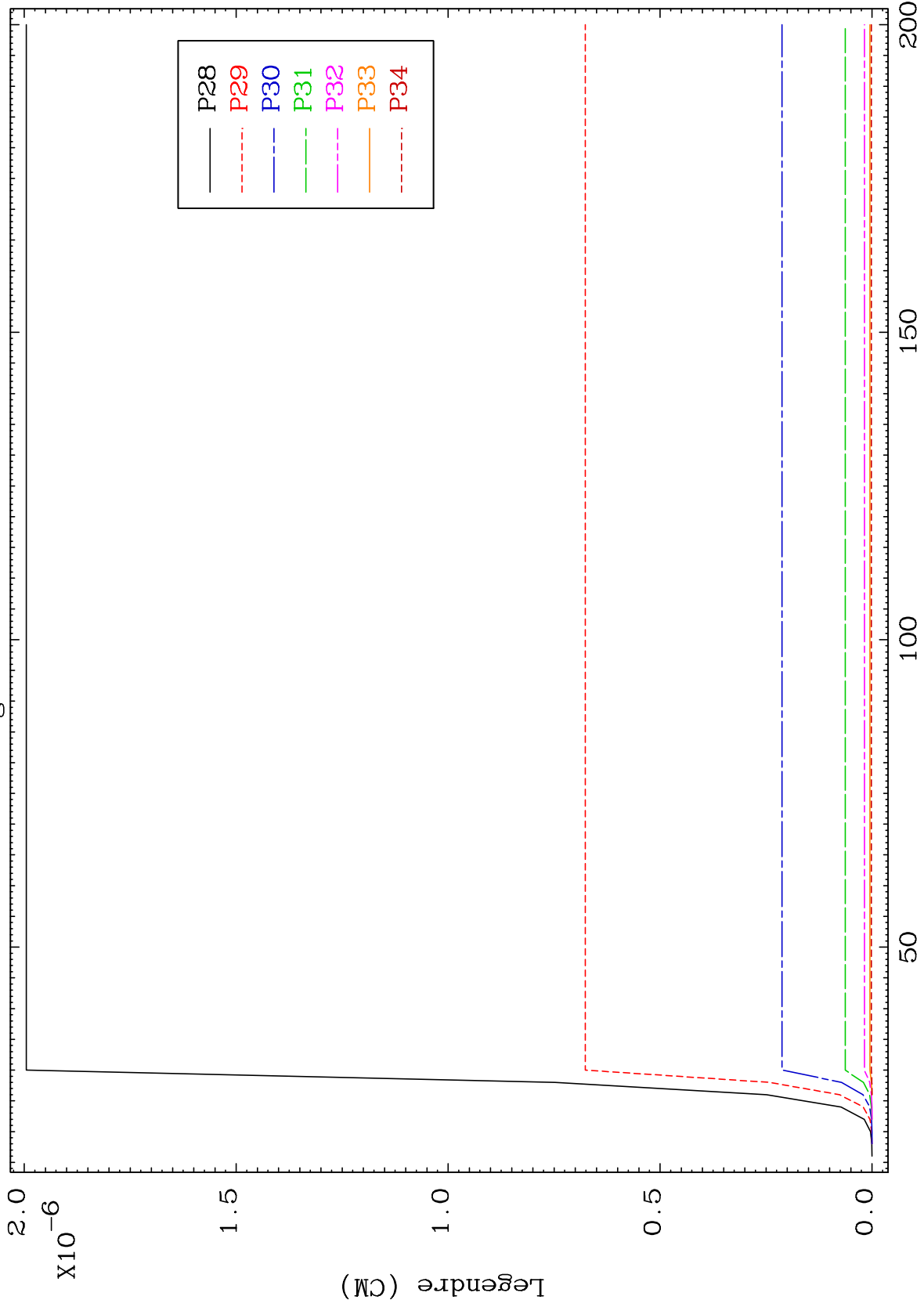
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113

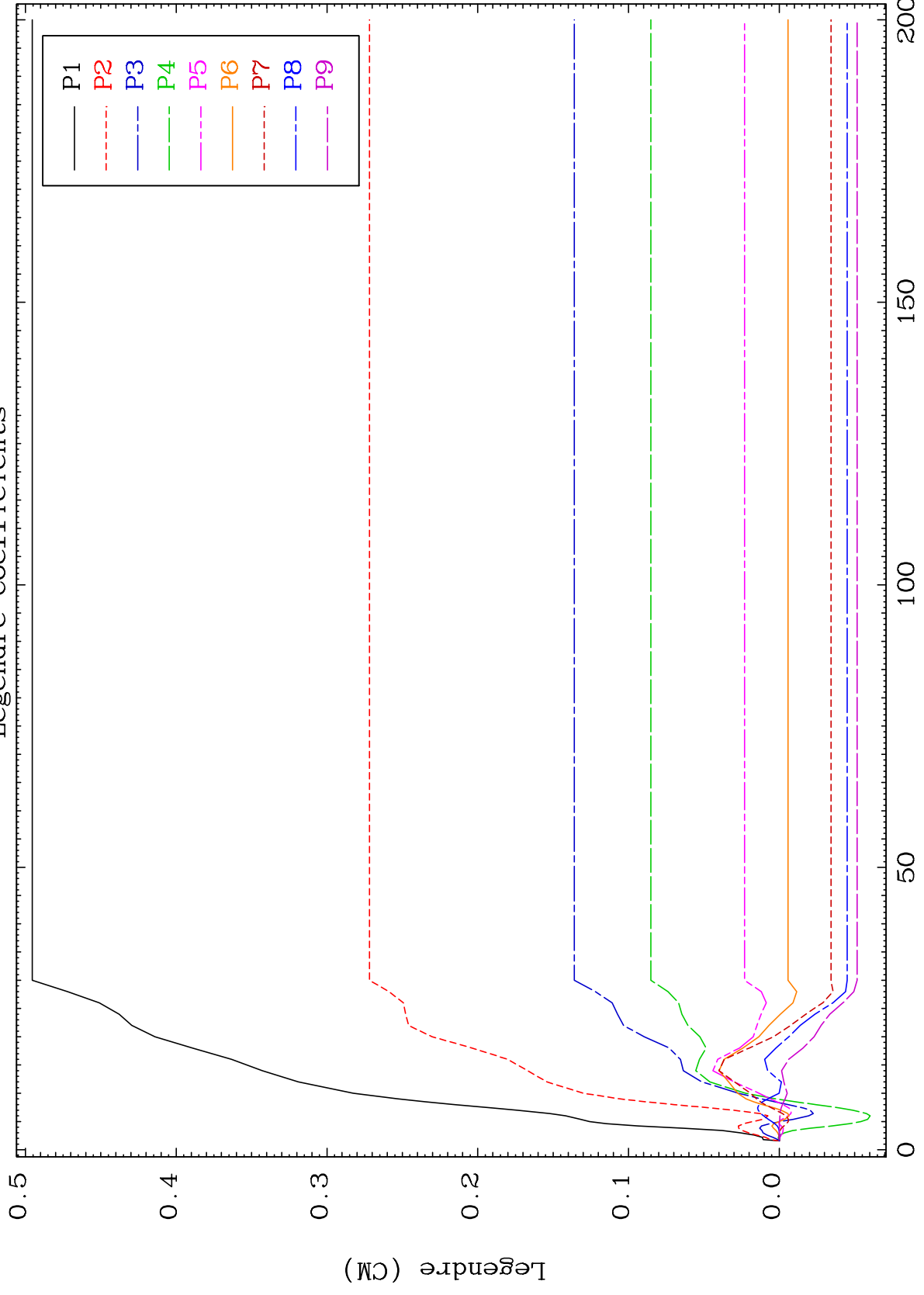


46

Incident Energy (MeV)

51-Sb-113

MAT 5101 MT= 58 (n,n') Level Legendre Coefficients 51-Sb-113

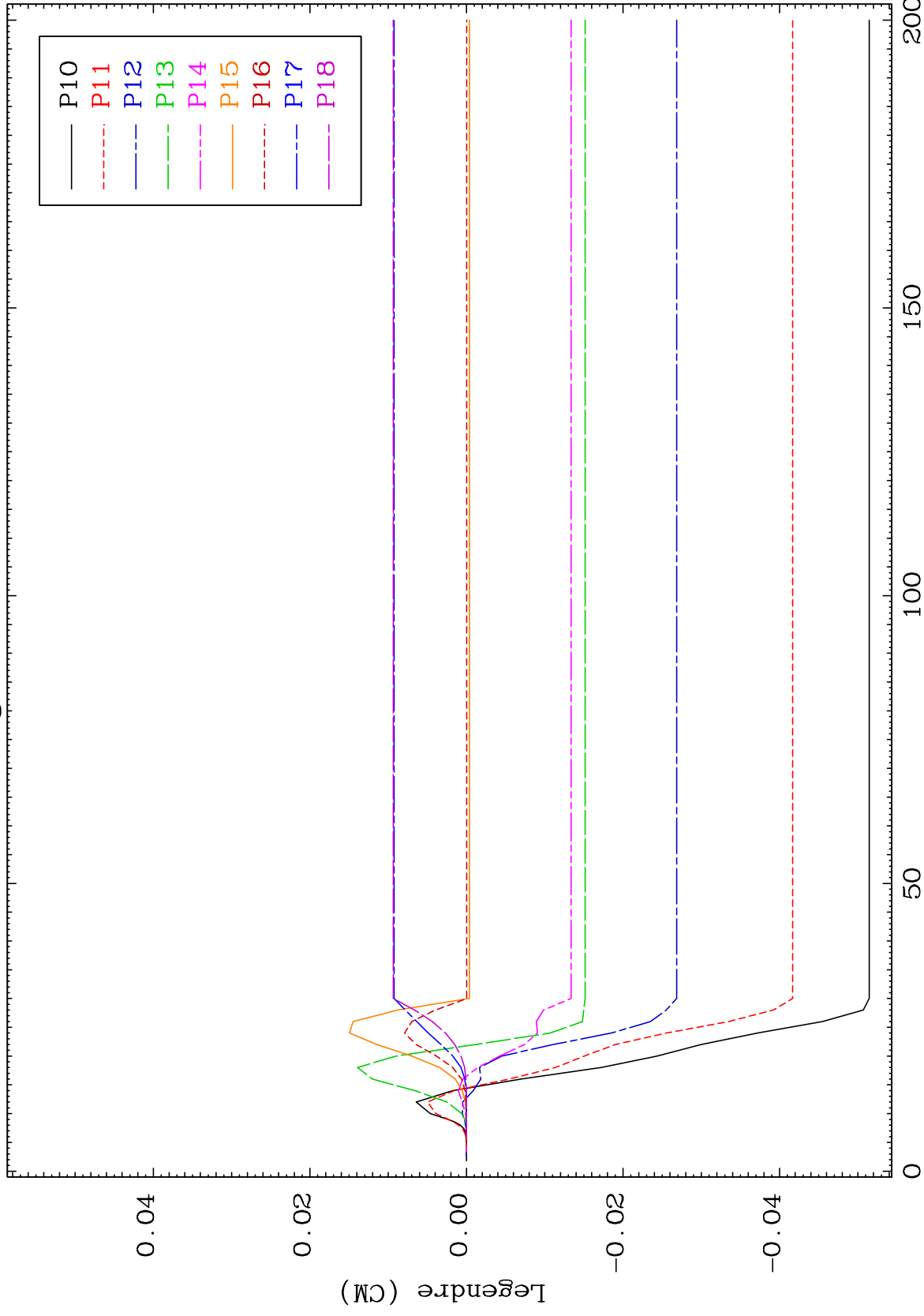


47 51-Sb-113

MAT 5101

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

51-Sb-113



48

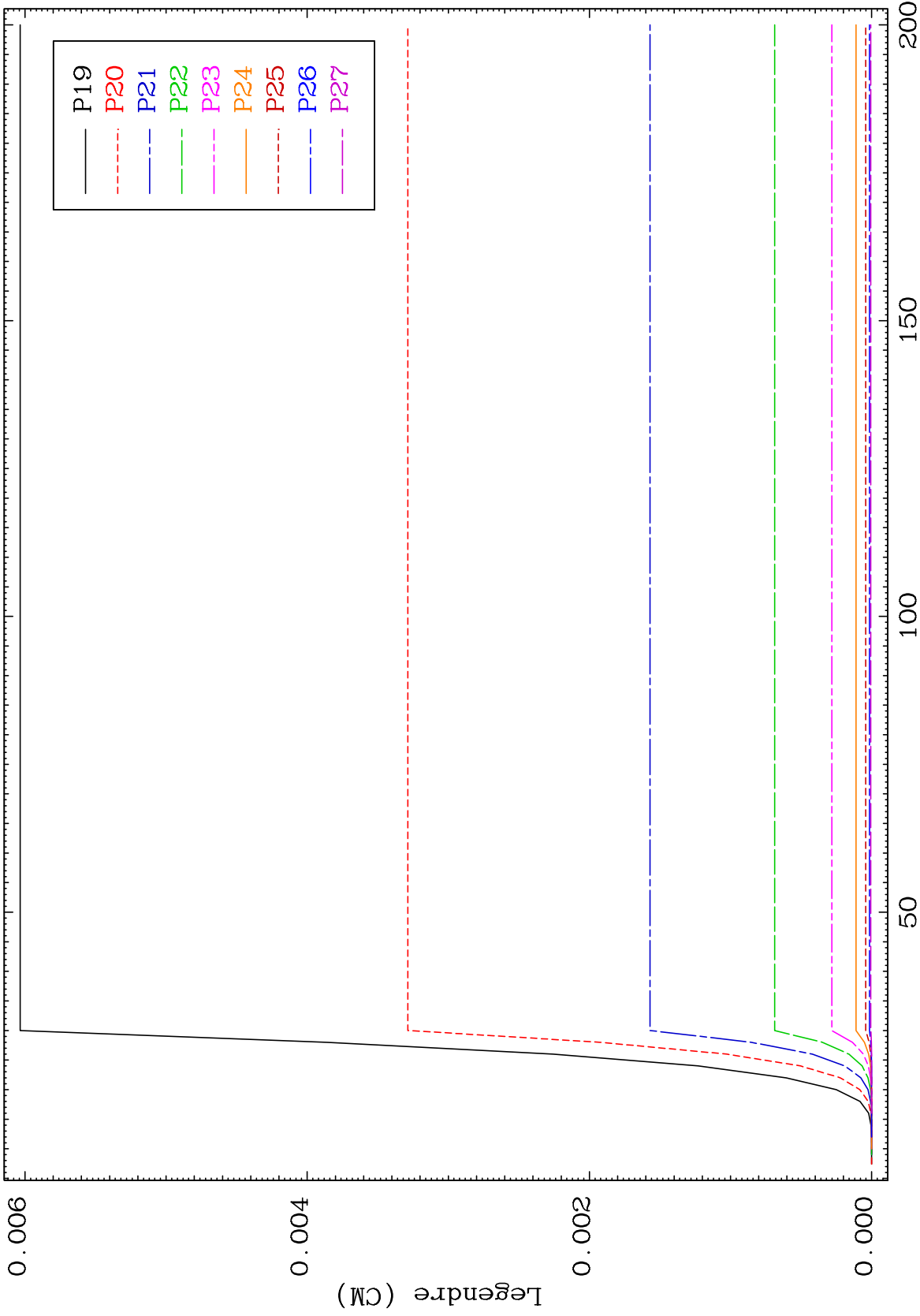
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



49

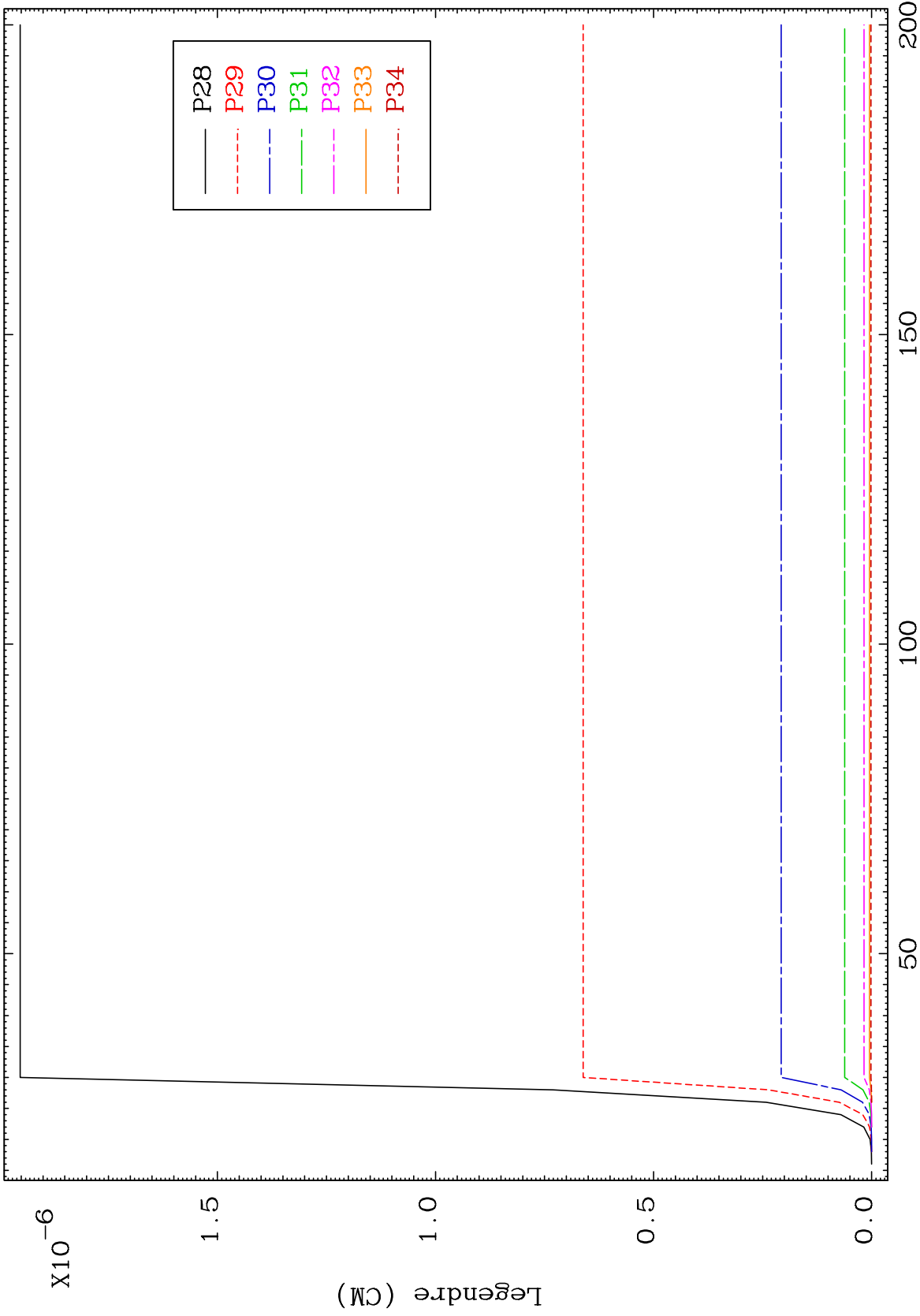
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



50

Incident Energy (MeV)

50

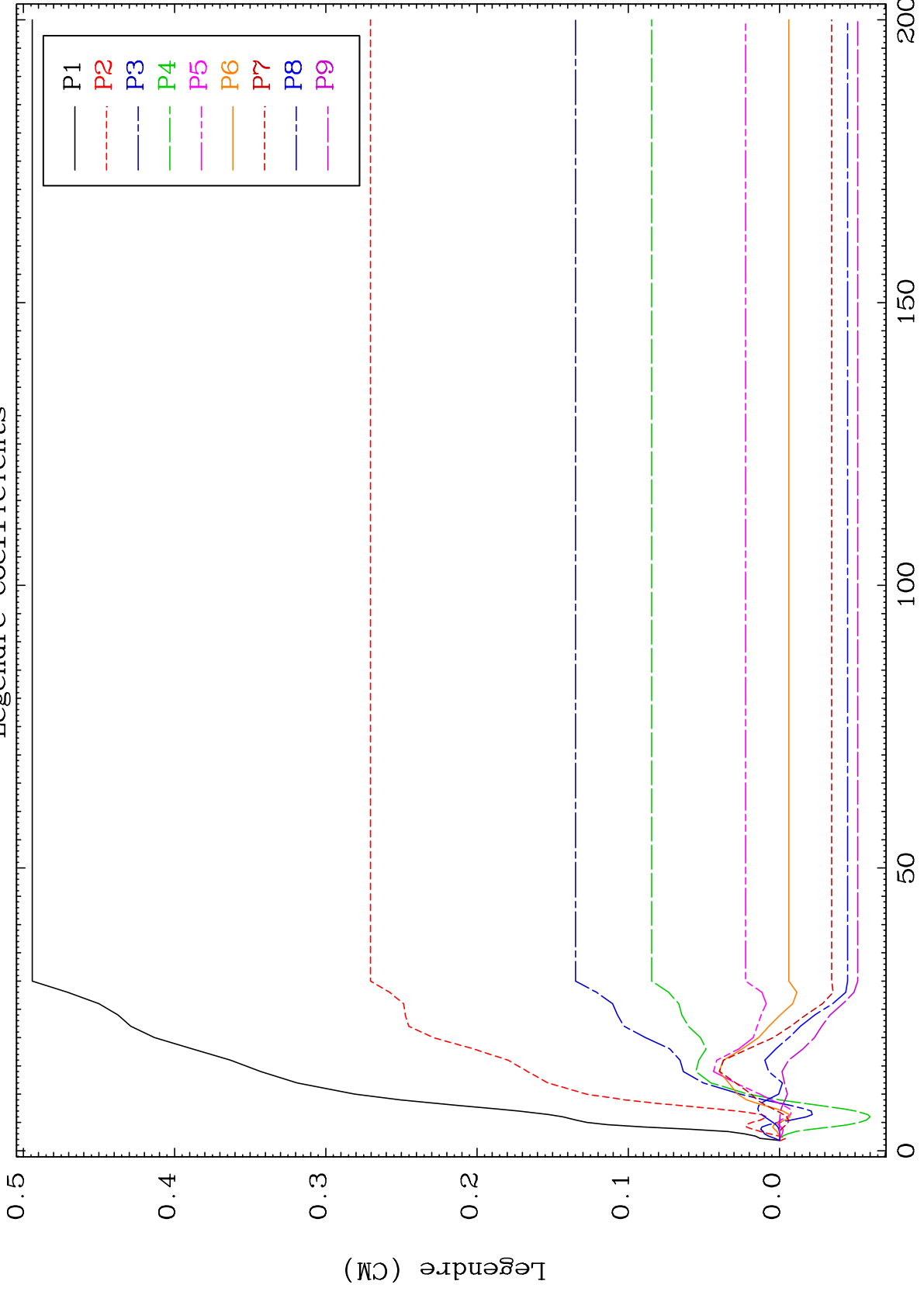
100

150

200

51-Sb-113

MAT 5101 MT= 59 (n,n') Level Legendre Coefficients 51-Sb-113

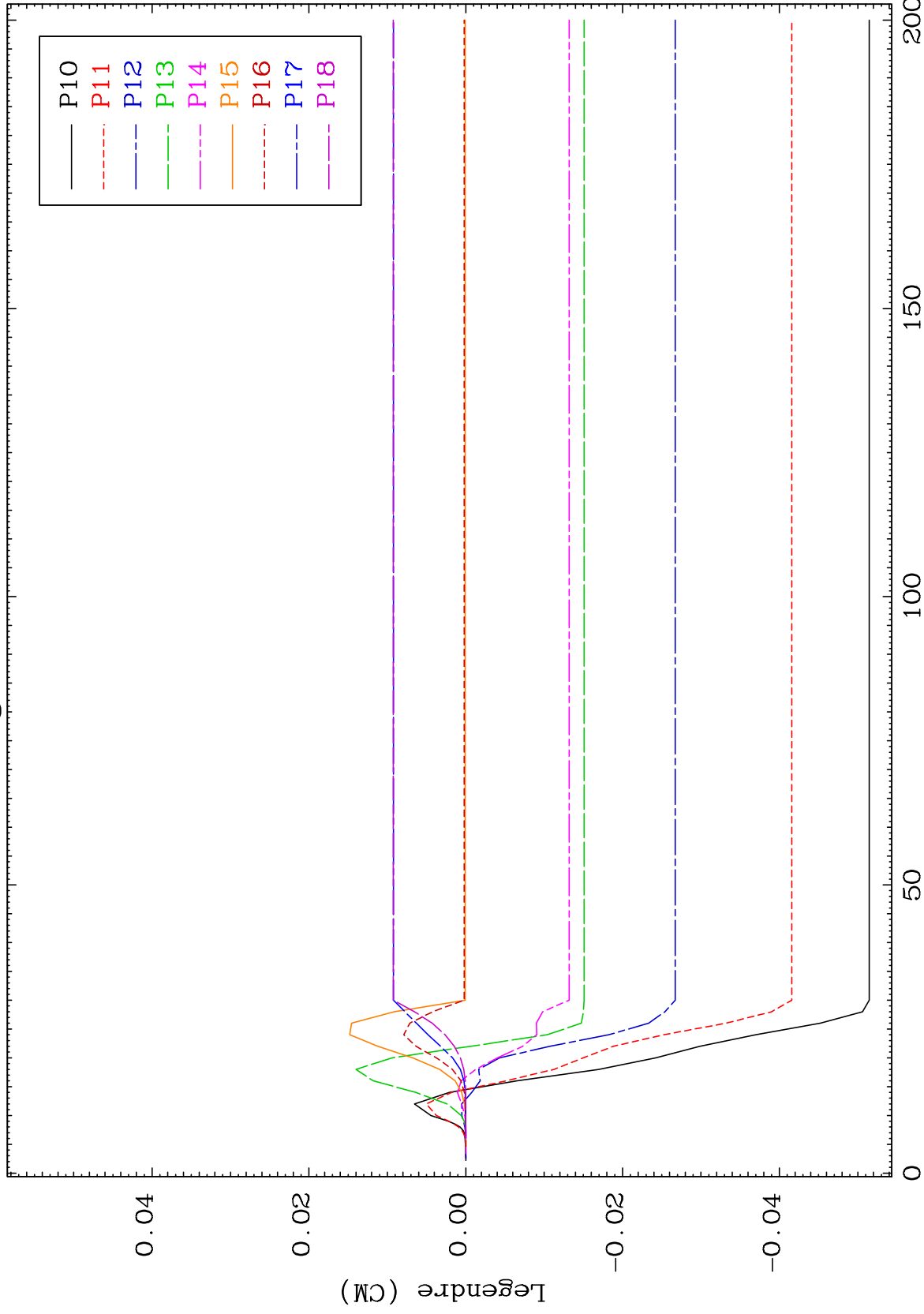


51 51-Sb-113

MAT 5101

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

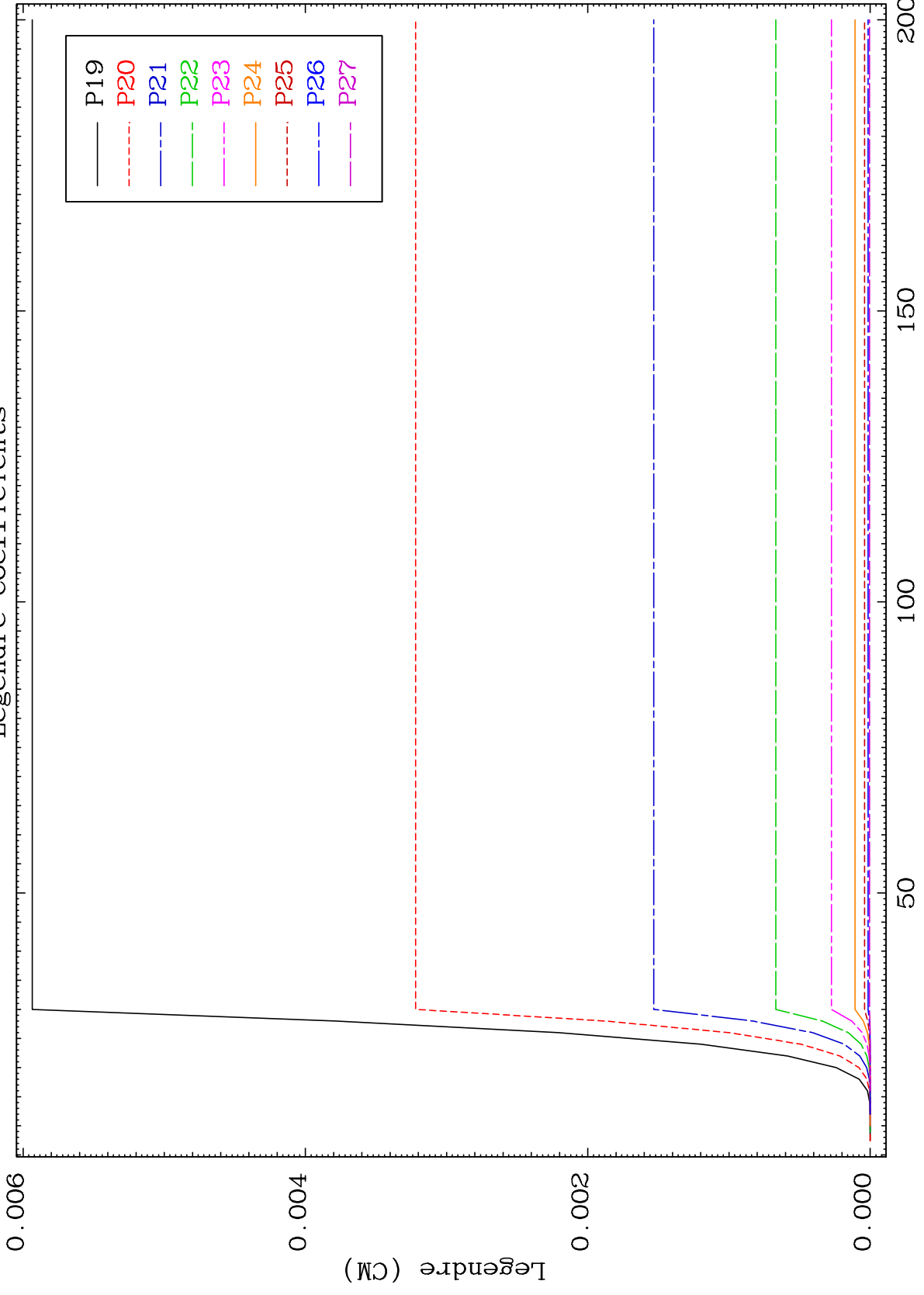
51-Sb-113



52

Incident Energy (MeV)

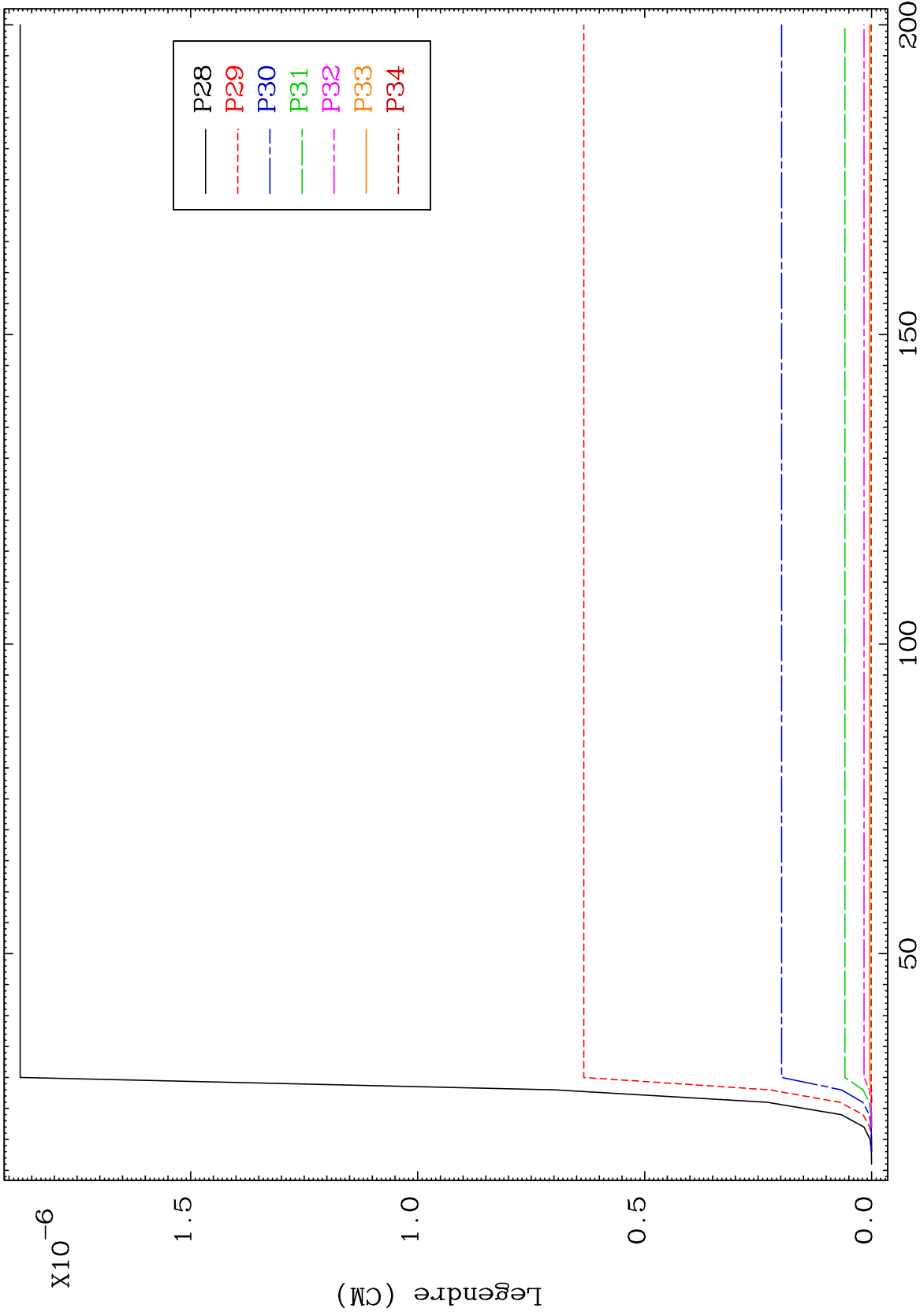
51-Sb-113



MAT 5101

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

51-Sb-113



54

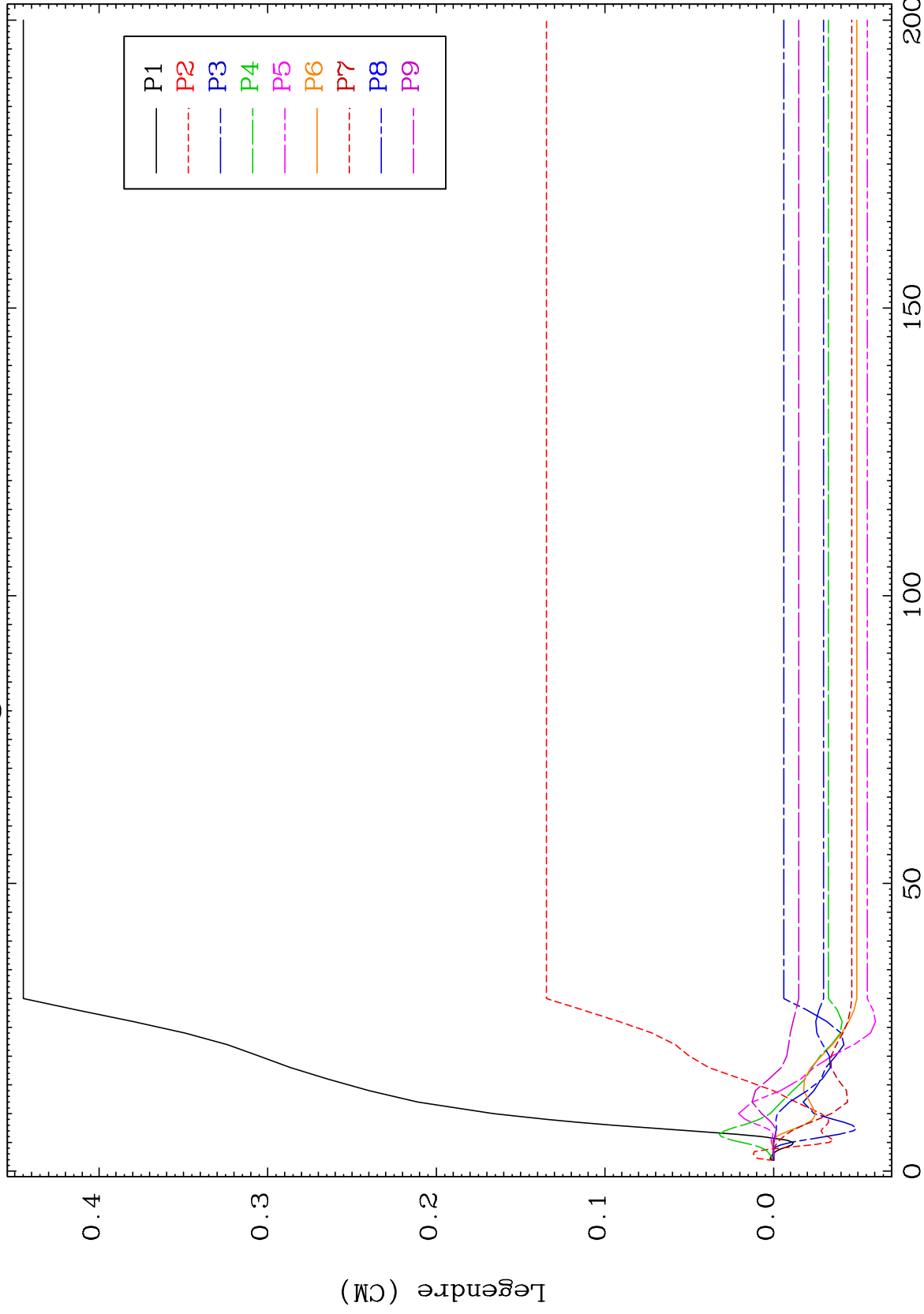
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



55

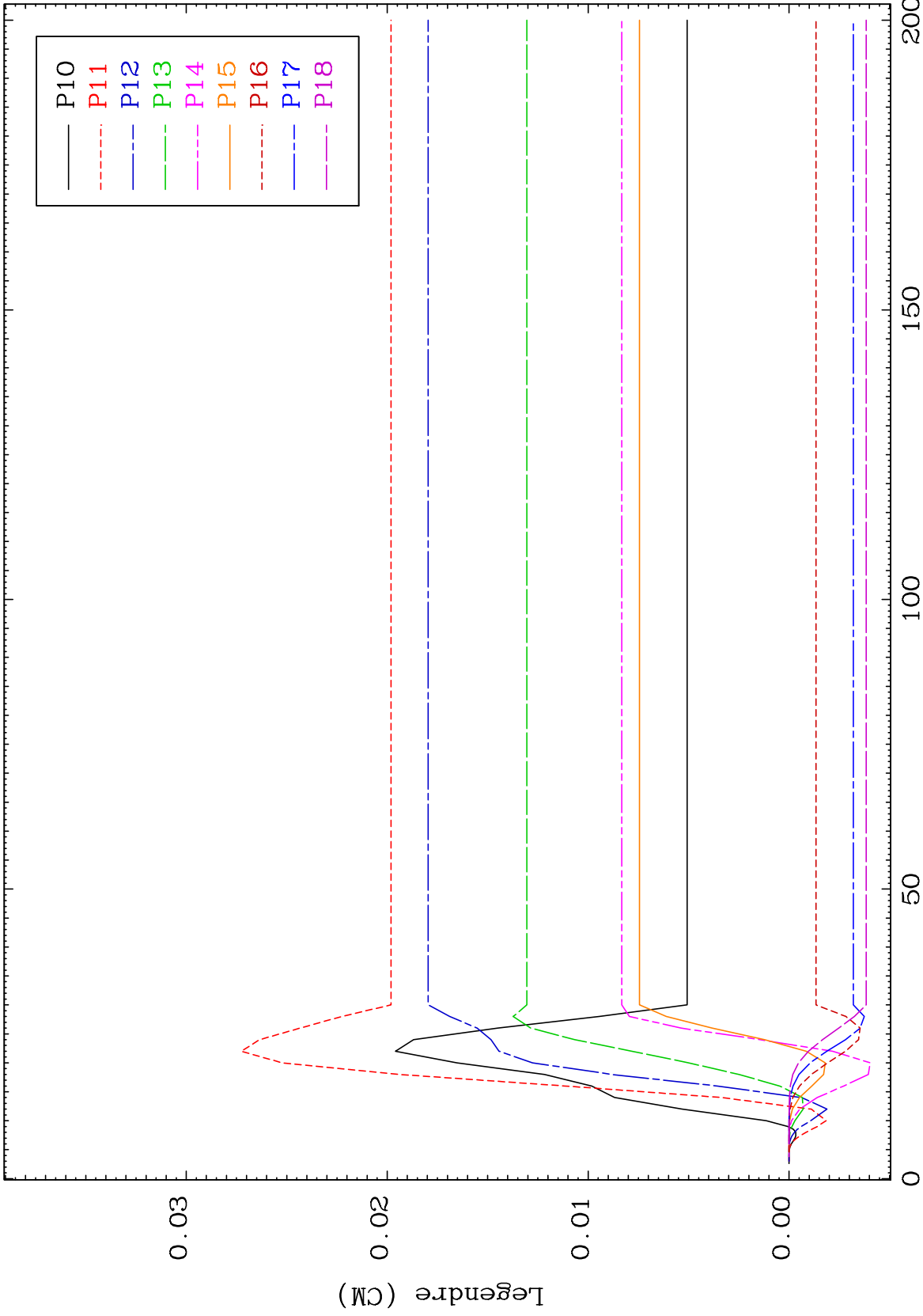
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



56

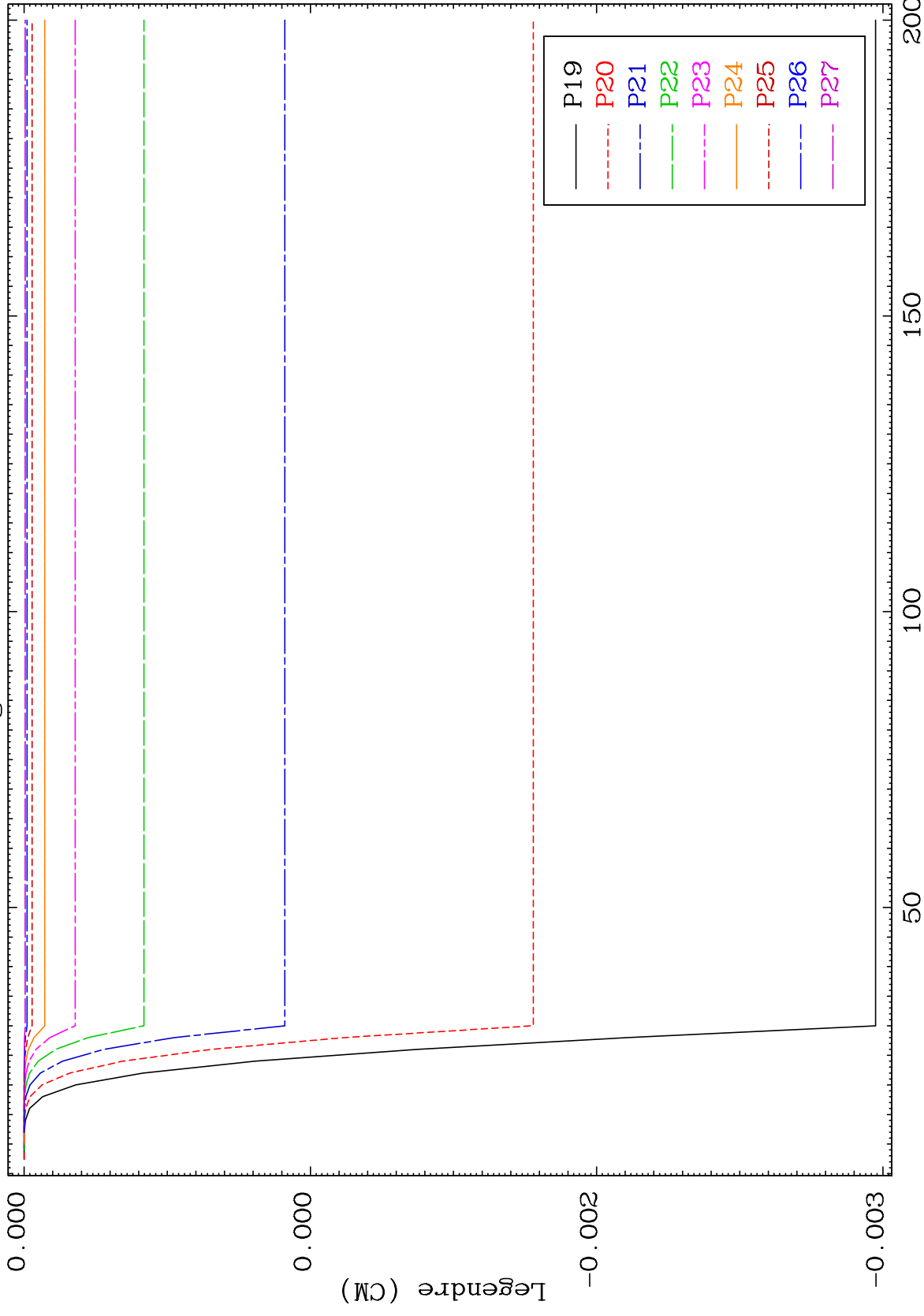
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



51-Sb-113

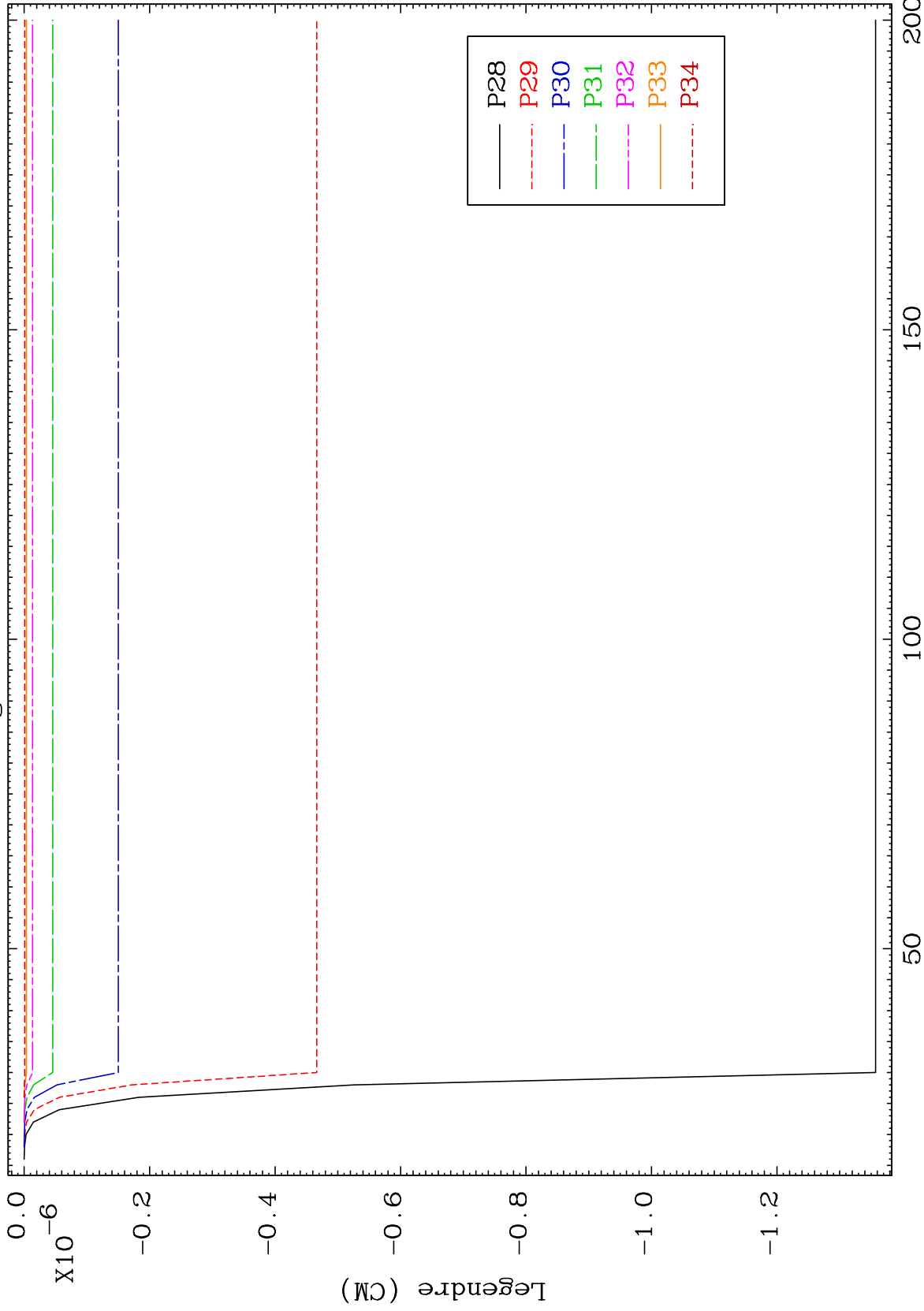
Incident Energy (MeV)

57

MAT 5101

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

51-Sb-113



58

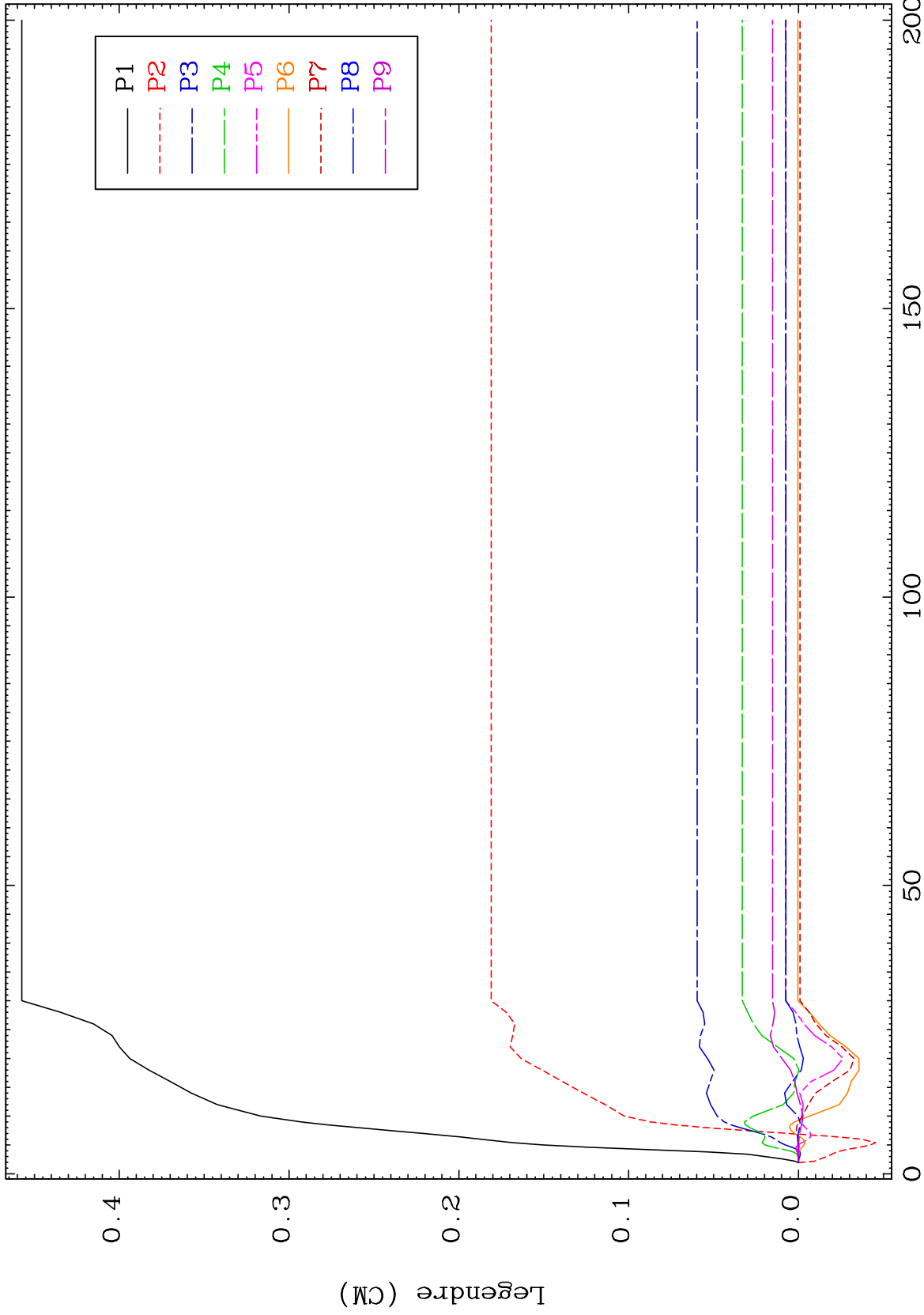
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



59

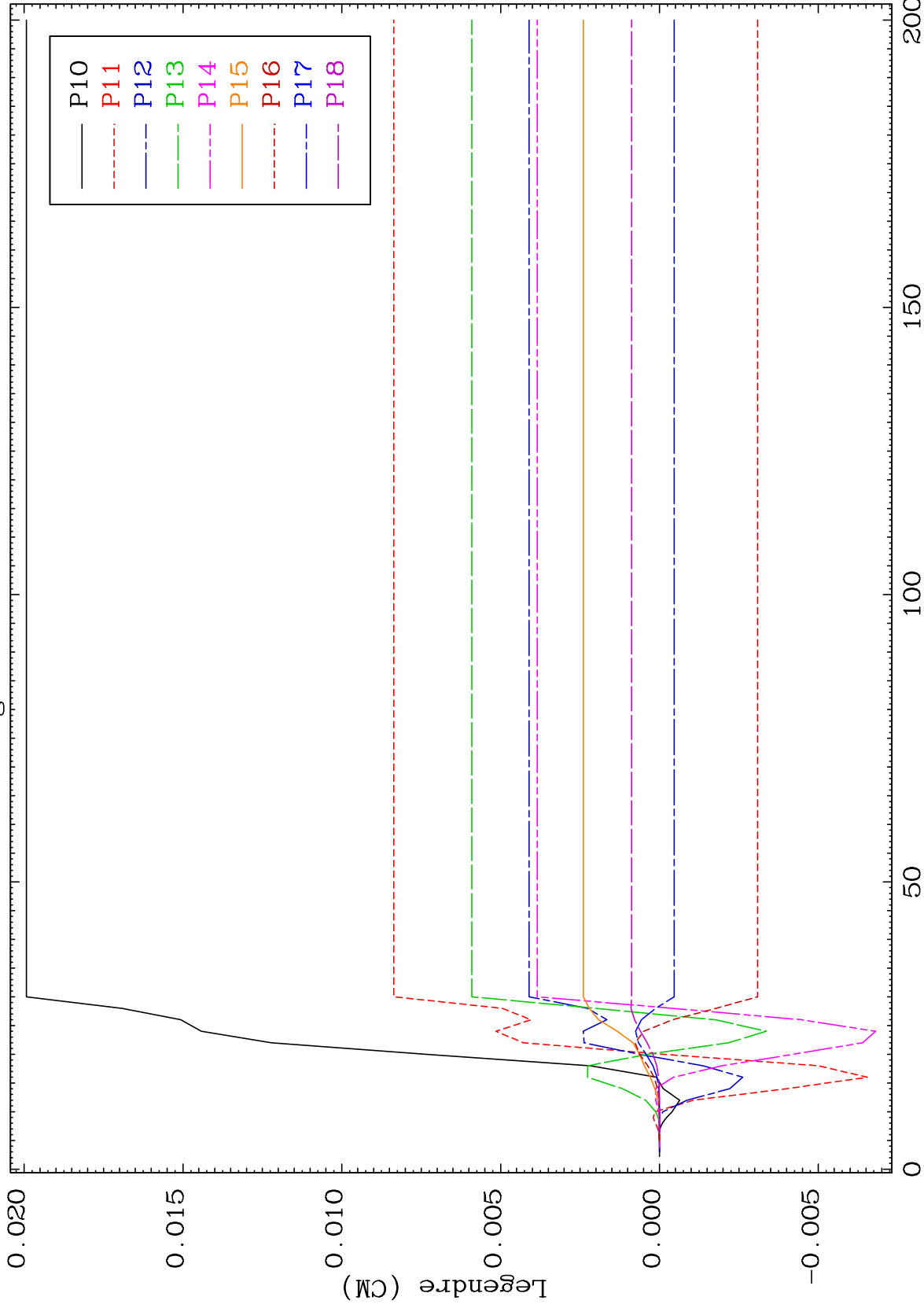
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



51-Sb-113

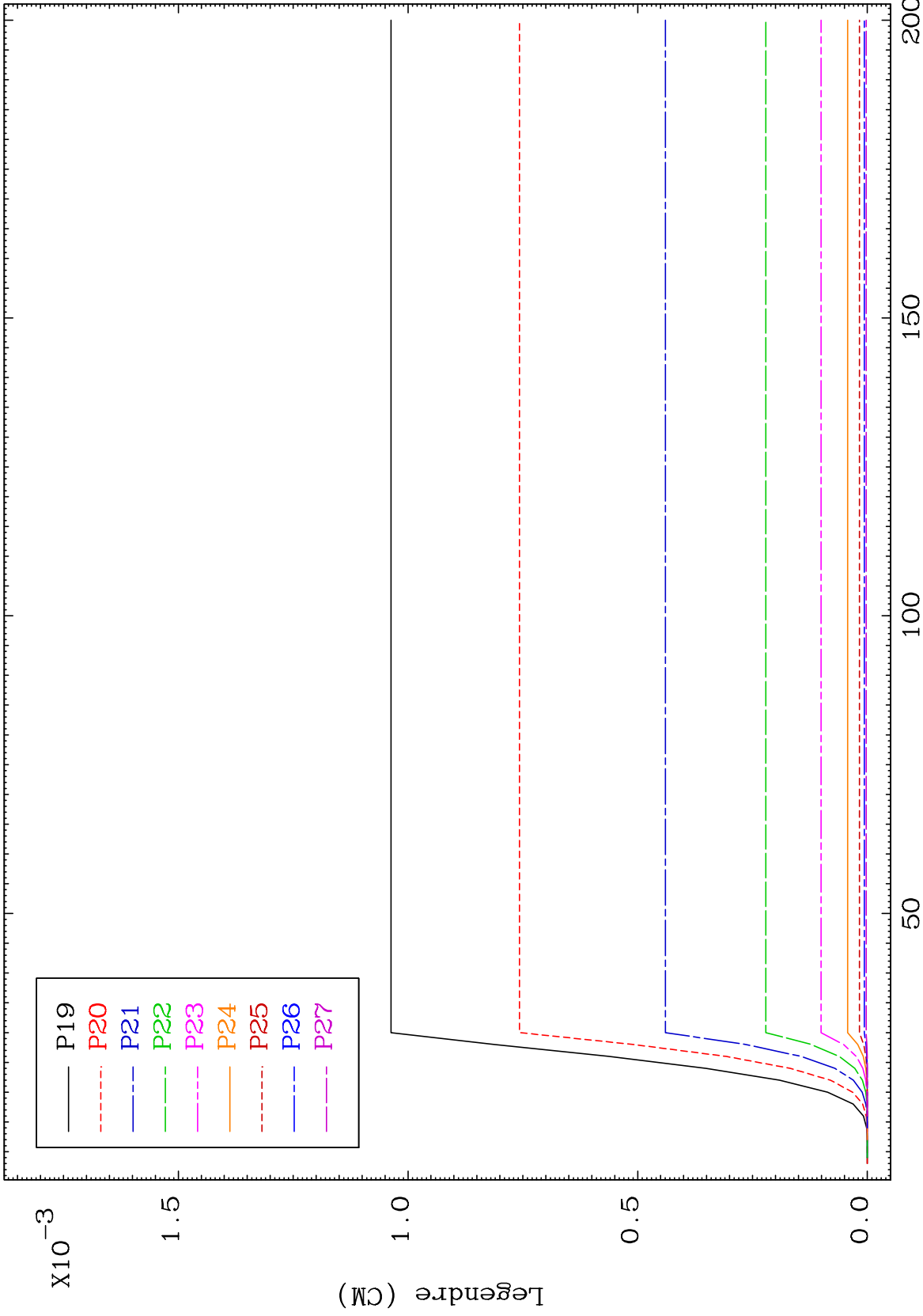
Incident Energy (MeV)

60

MAT 5101

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

51-Sb-113



61

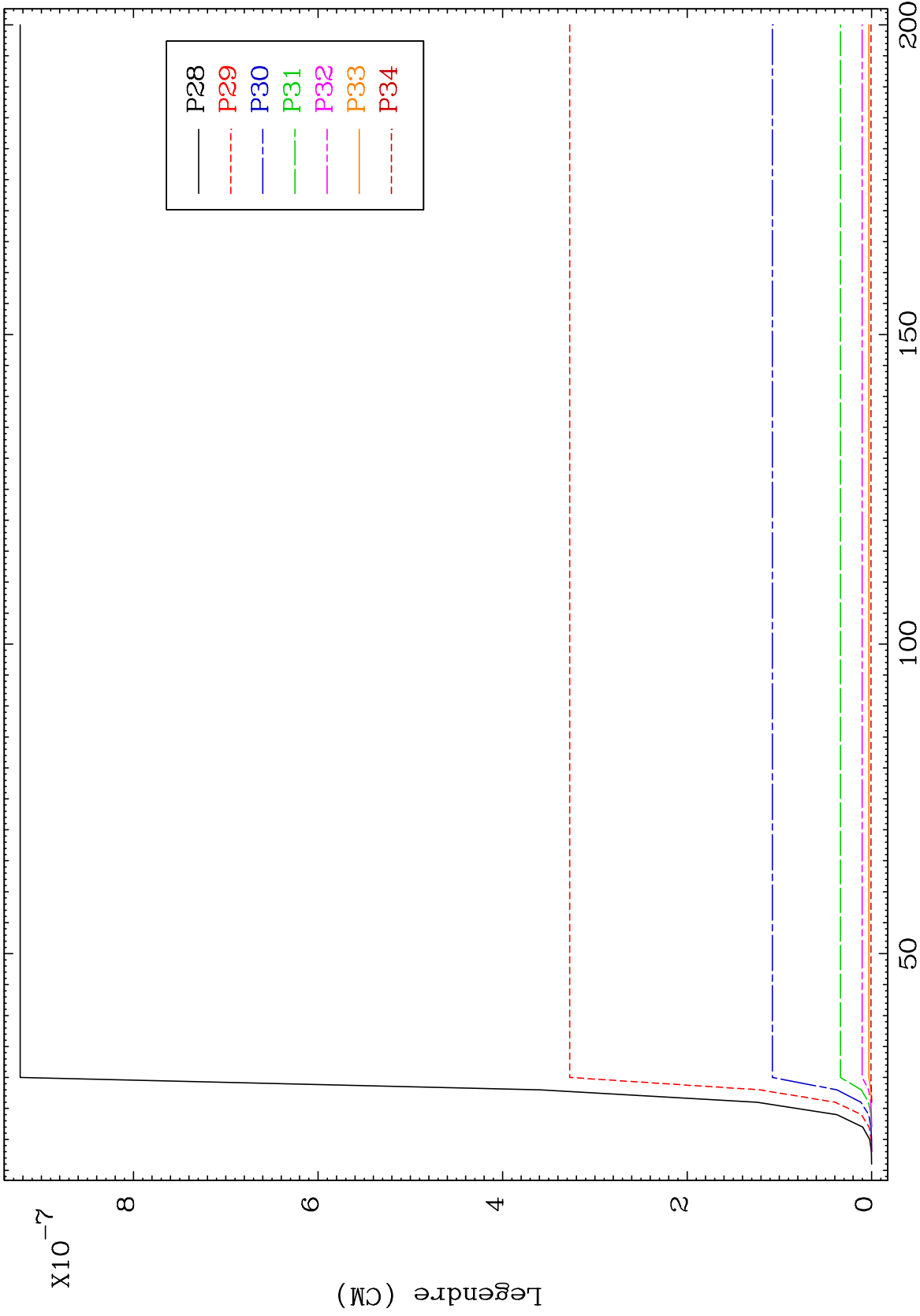
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



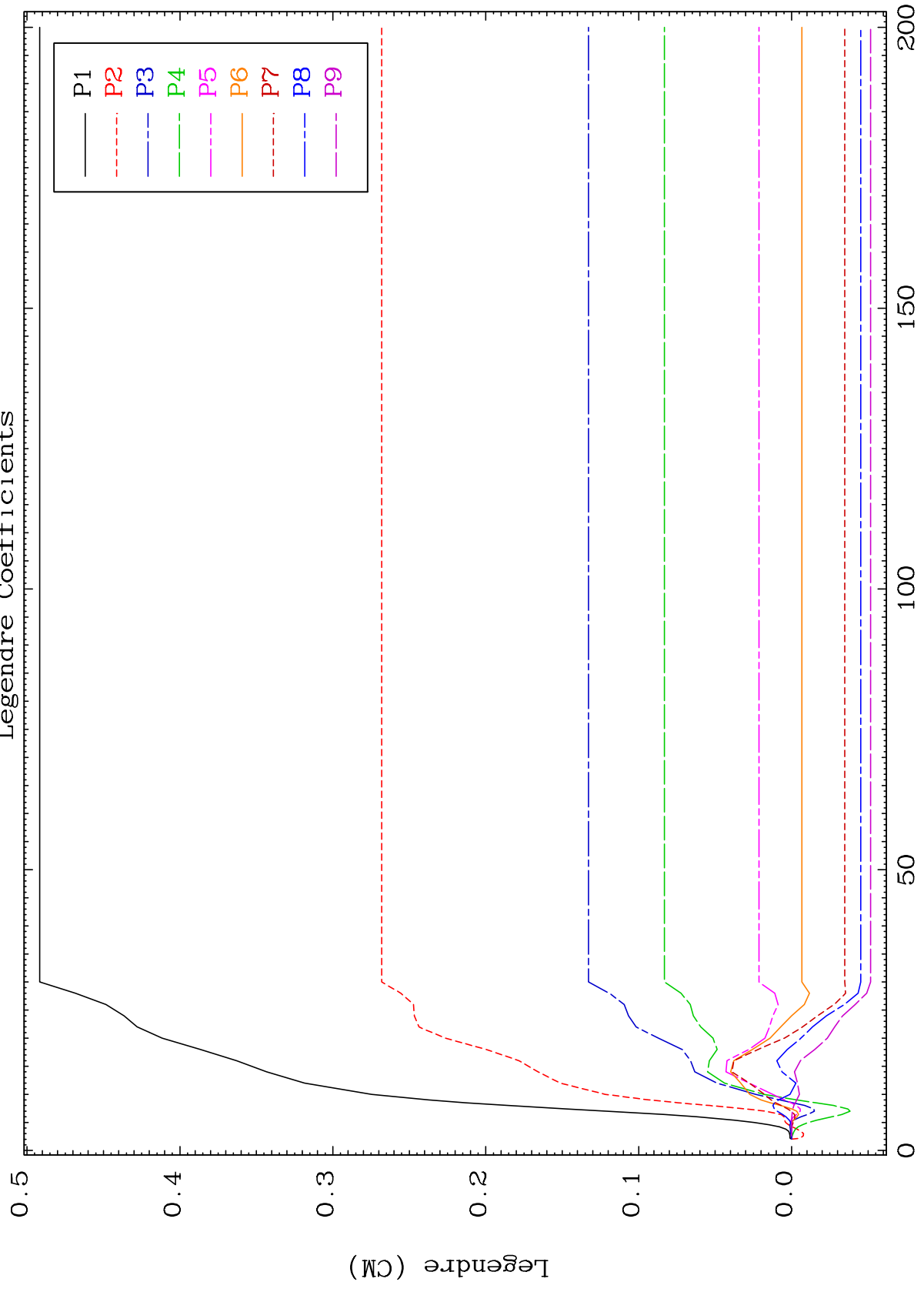
62

51-Sb-113

MAT 5101

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

51-Sb-113



63

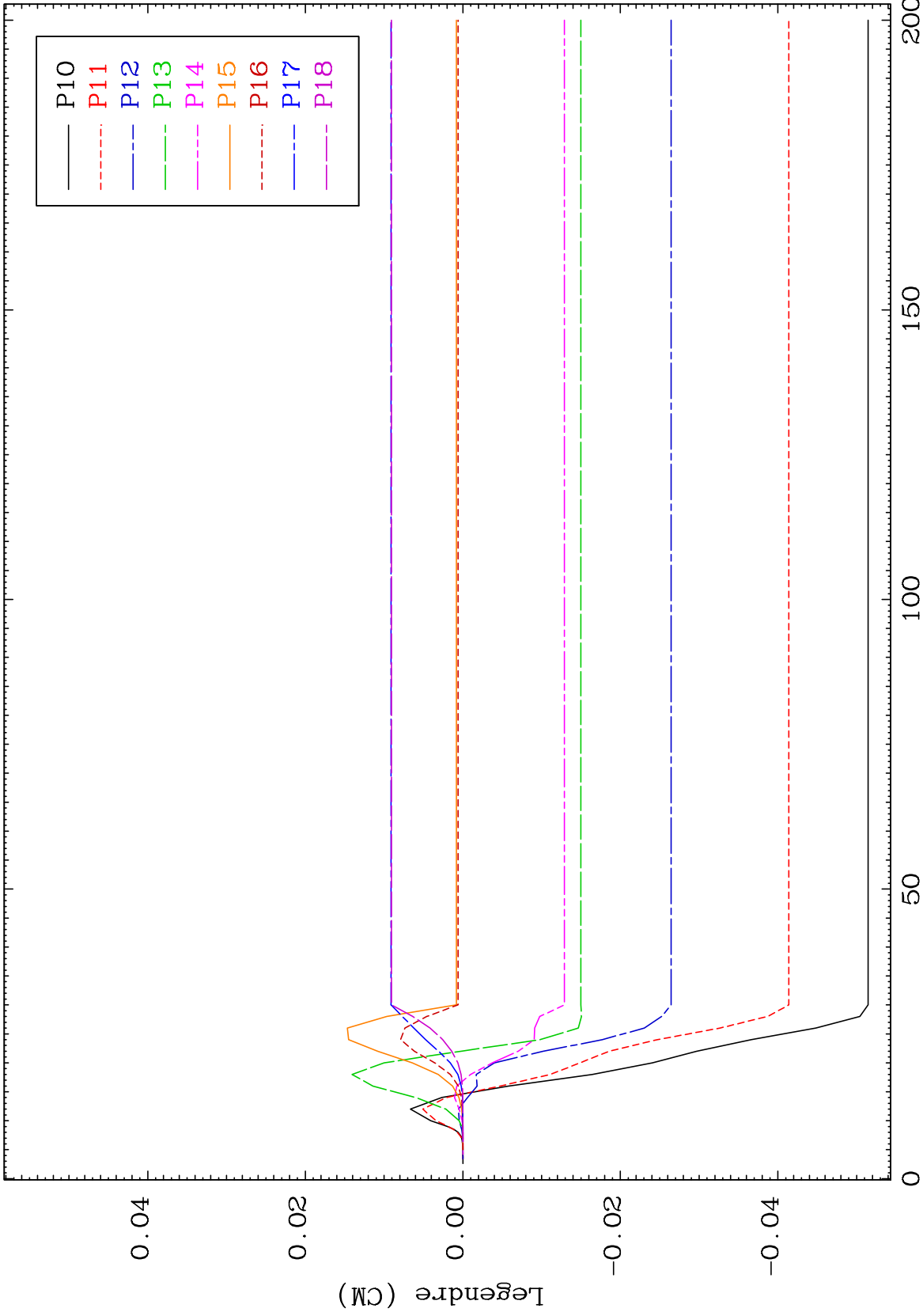
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



64

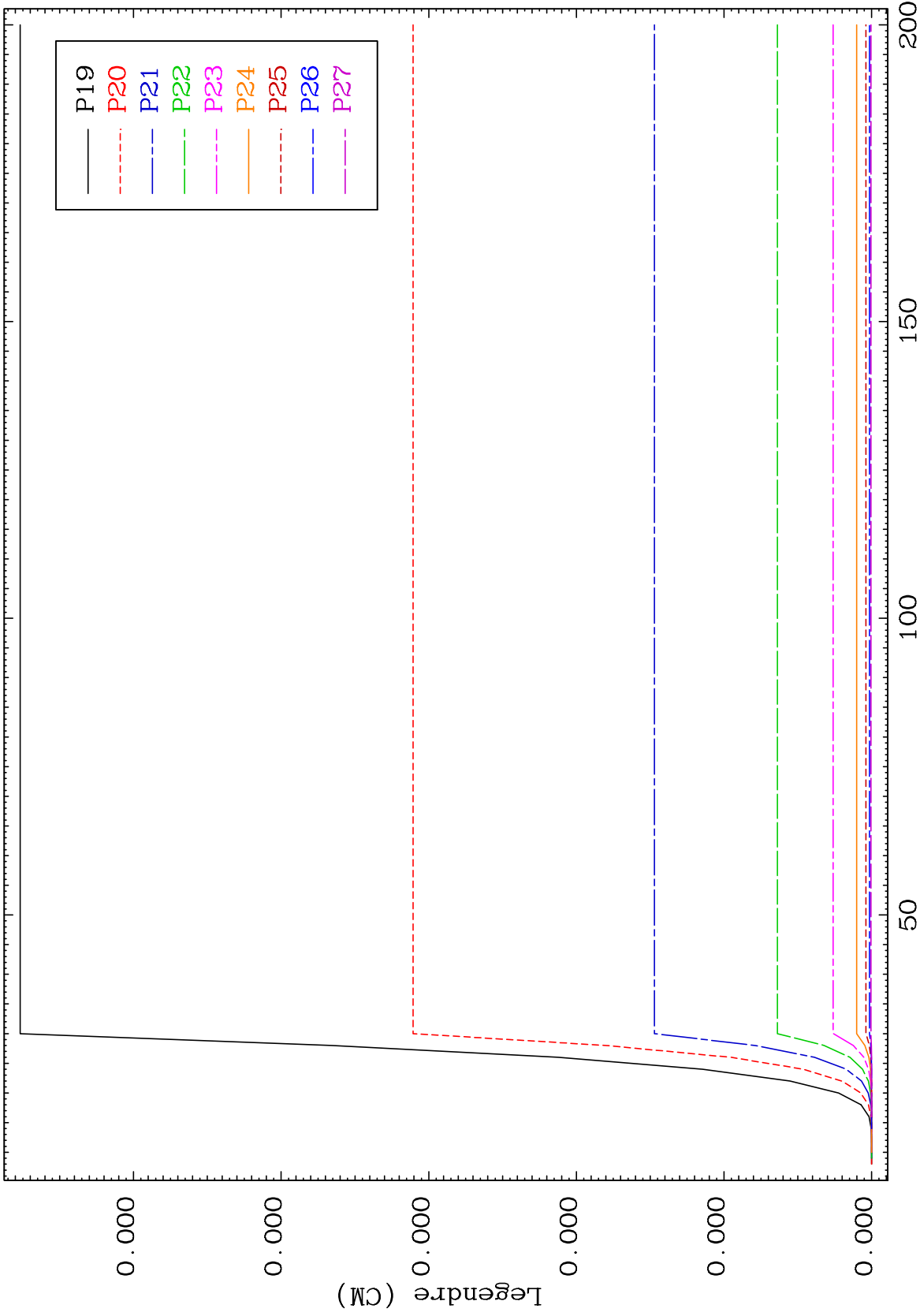
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

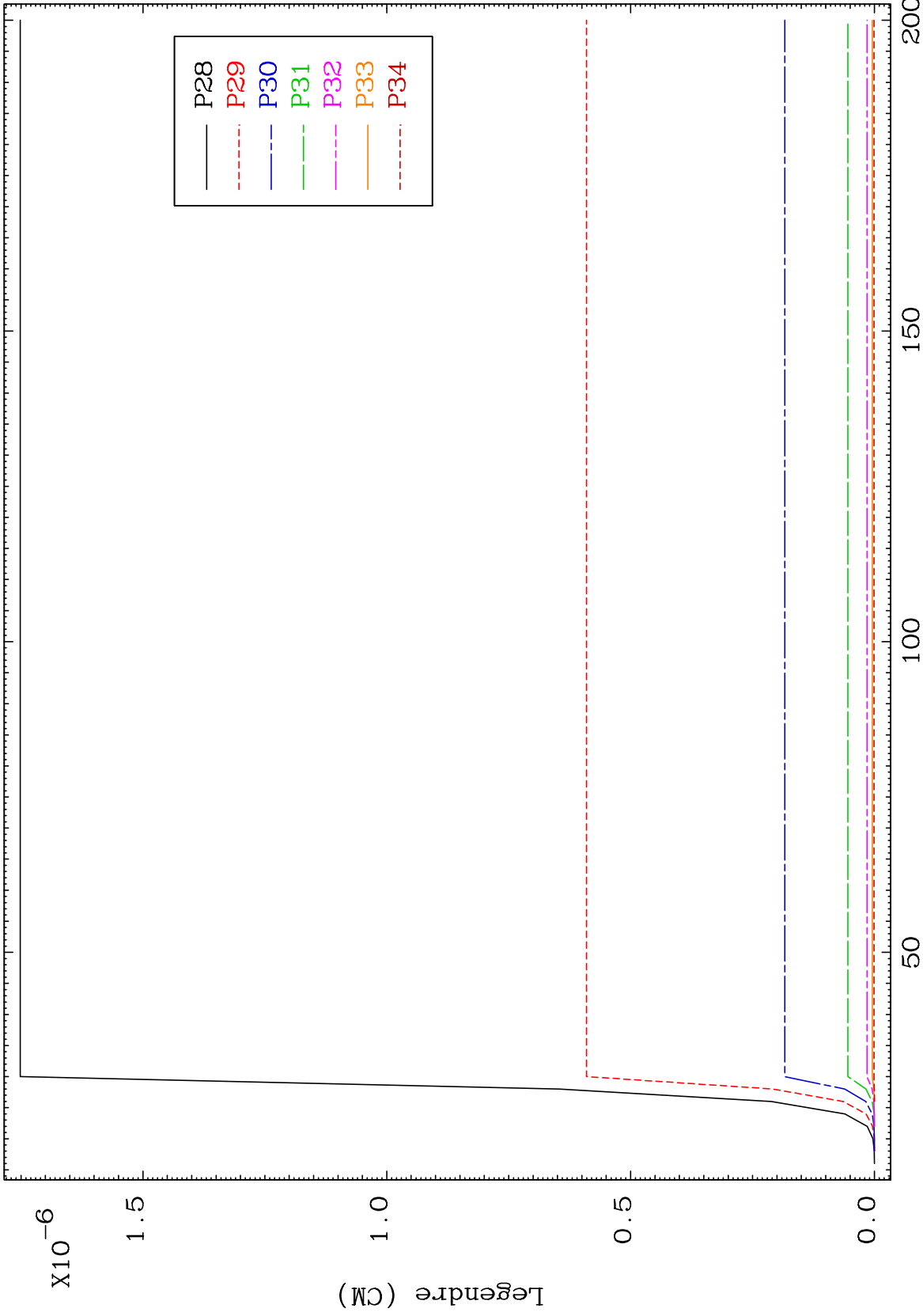
51-Sb-113



65

Incident Energy (MeV)

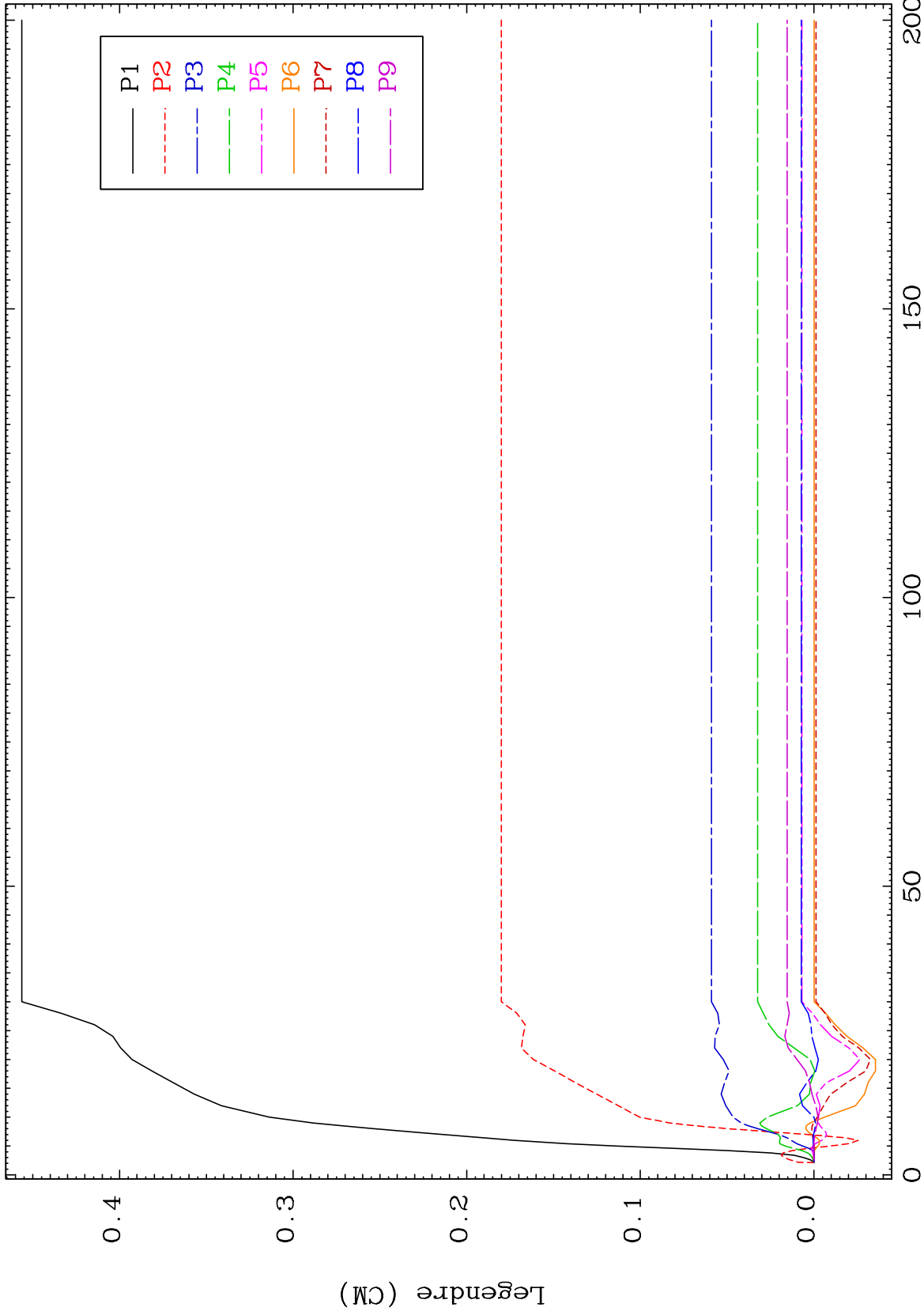
51-Sb-113



MAT 5101

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

51-Sb-113



67

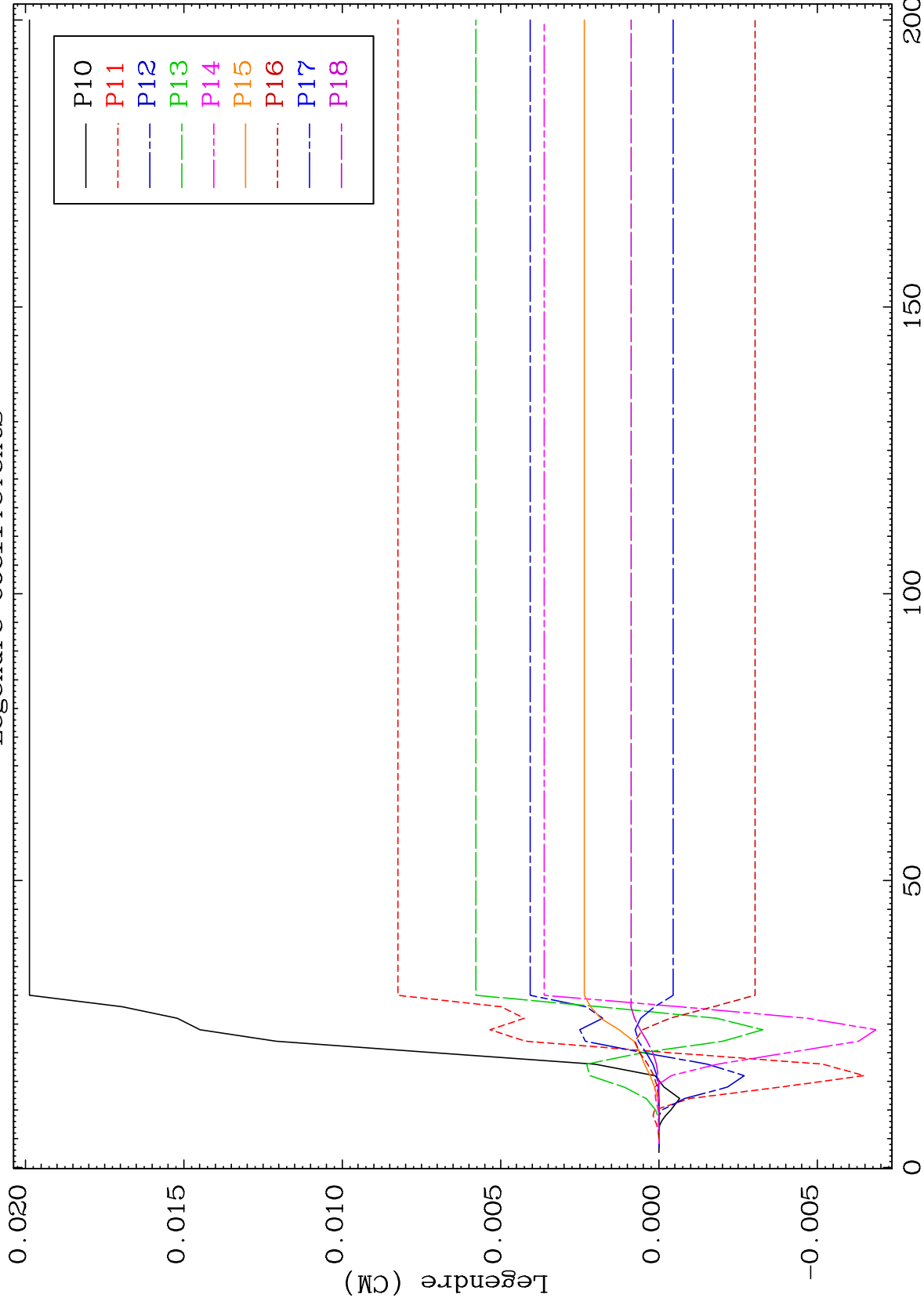
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



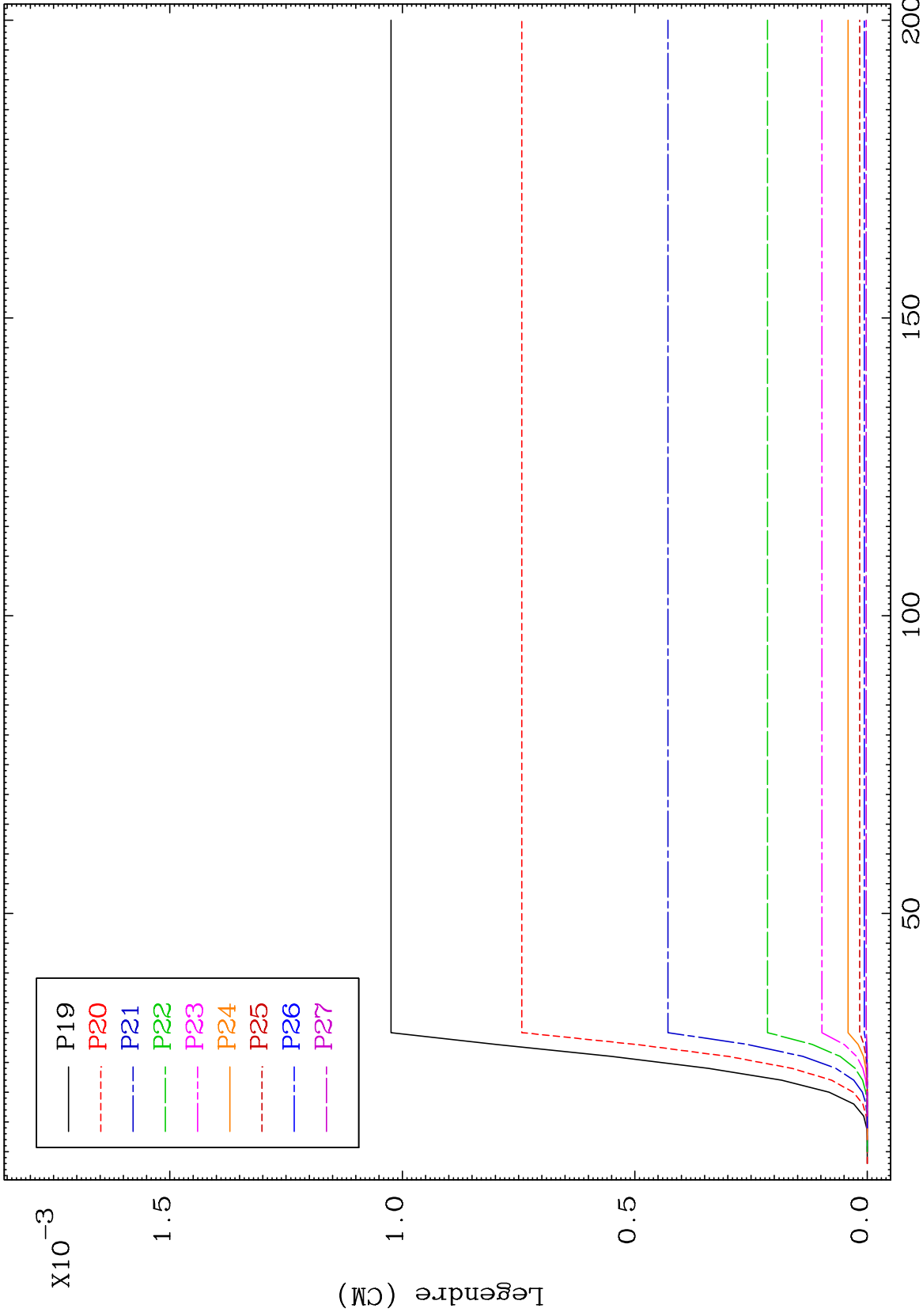
68

51-Sb-113

MAT 5101

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

51-Sb-113



69

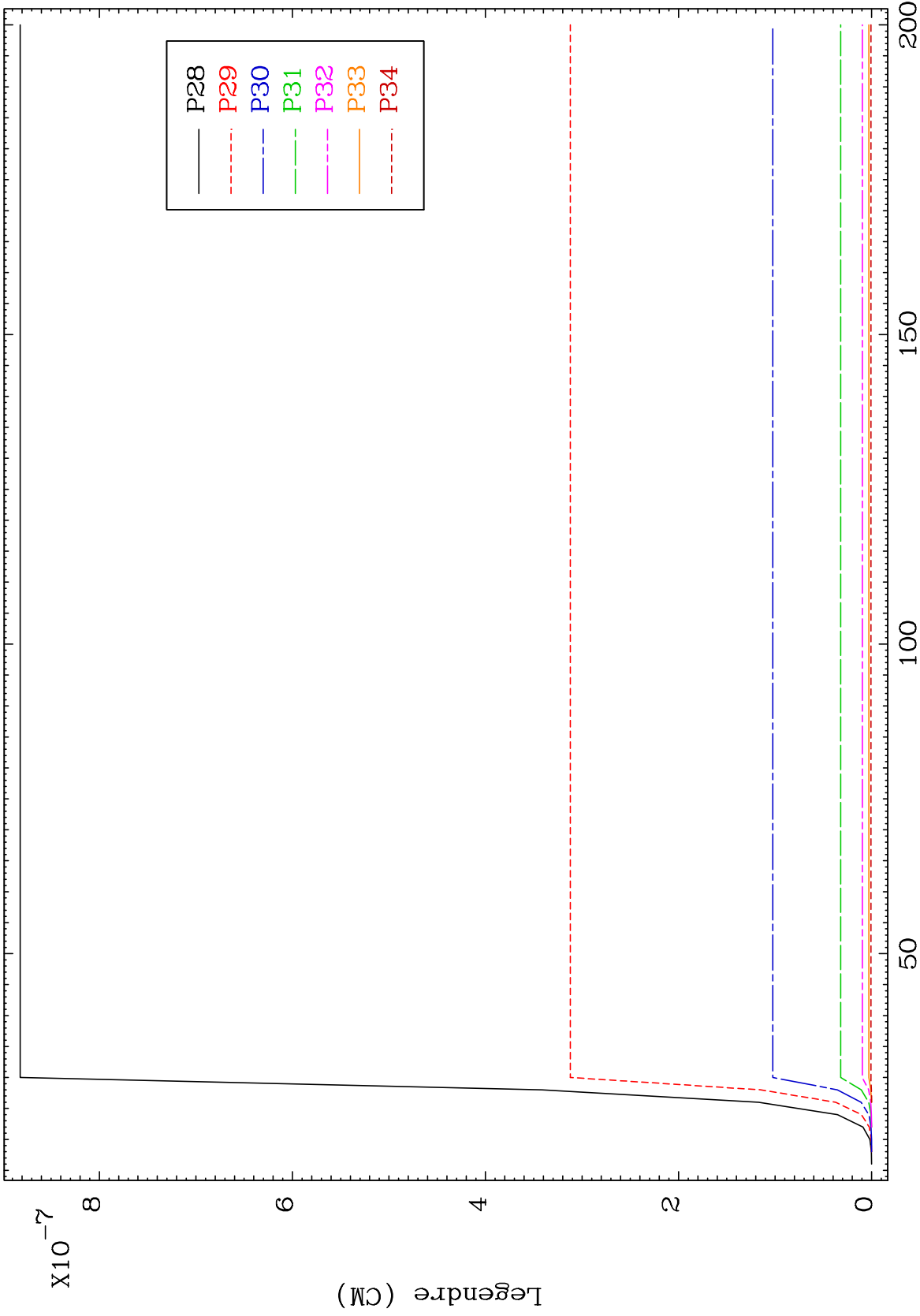
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113

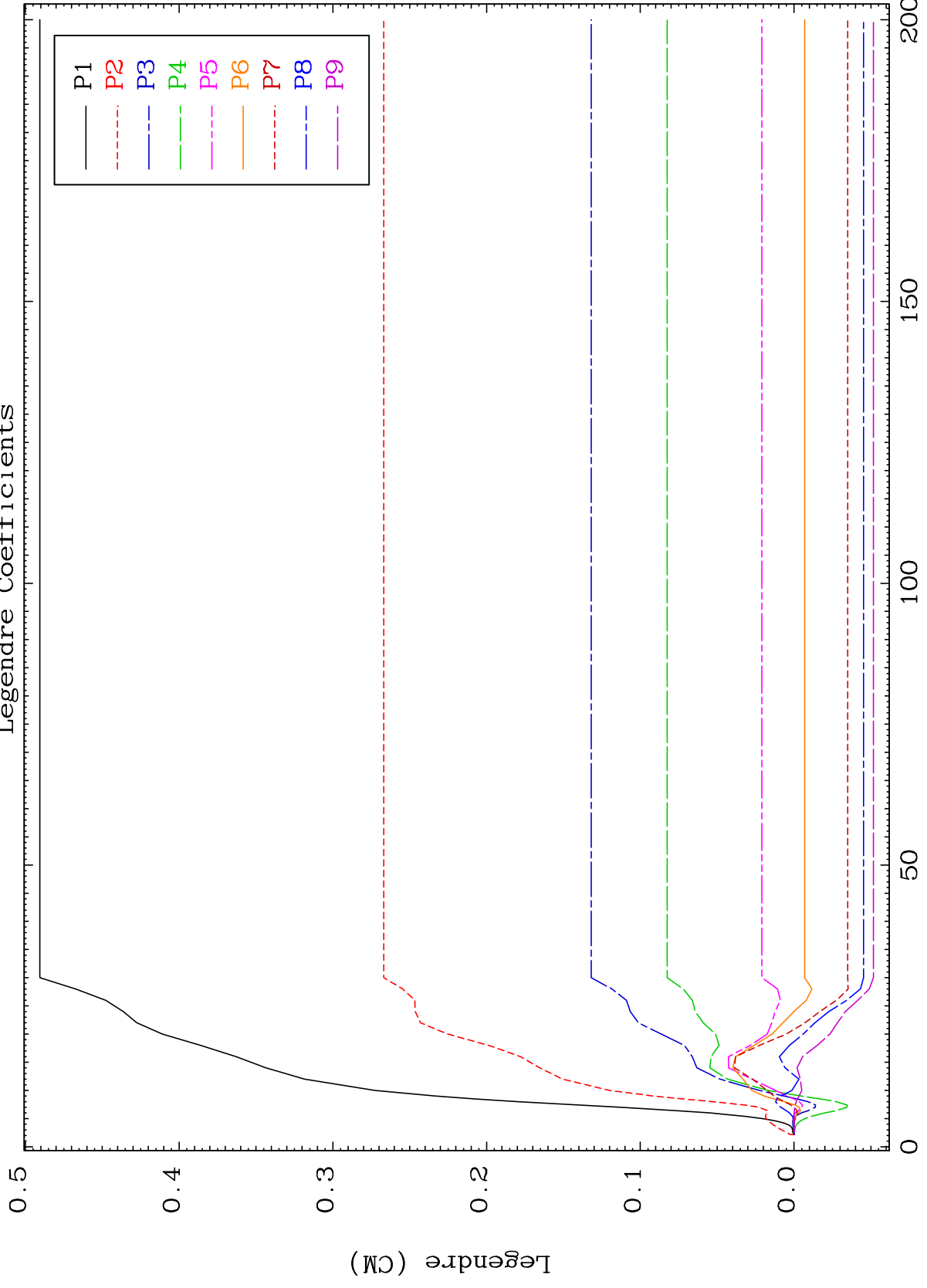


70

Incident Energy (MeV)

51-Sb-113

MAT 5101 MT= 64 (n,n') Level Legendre Coefficients 51-Sb-113

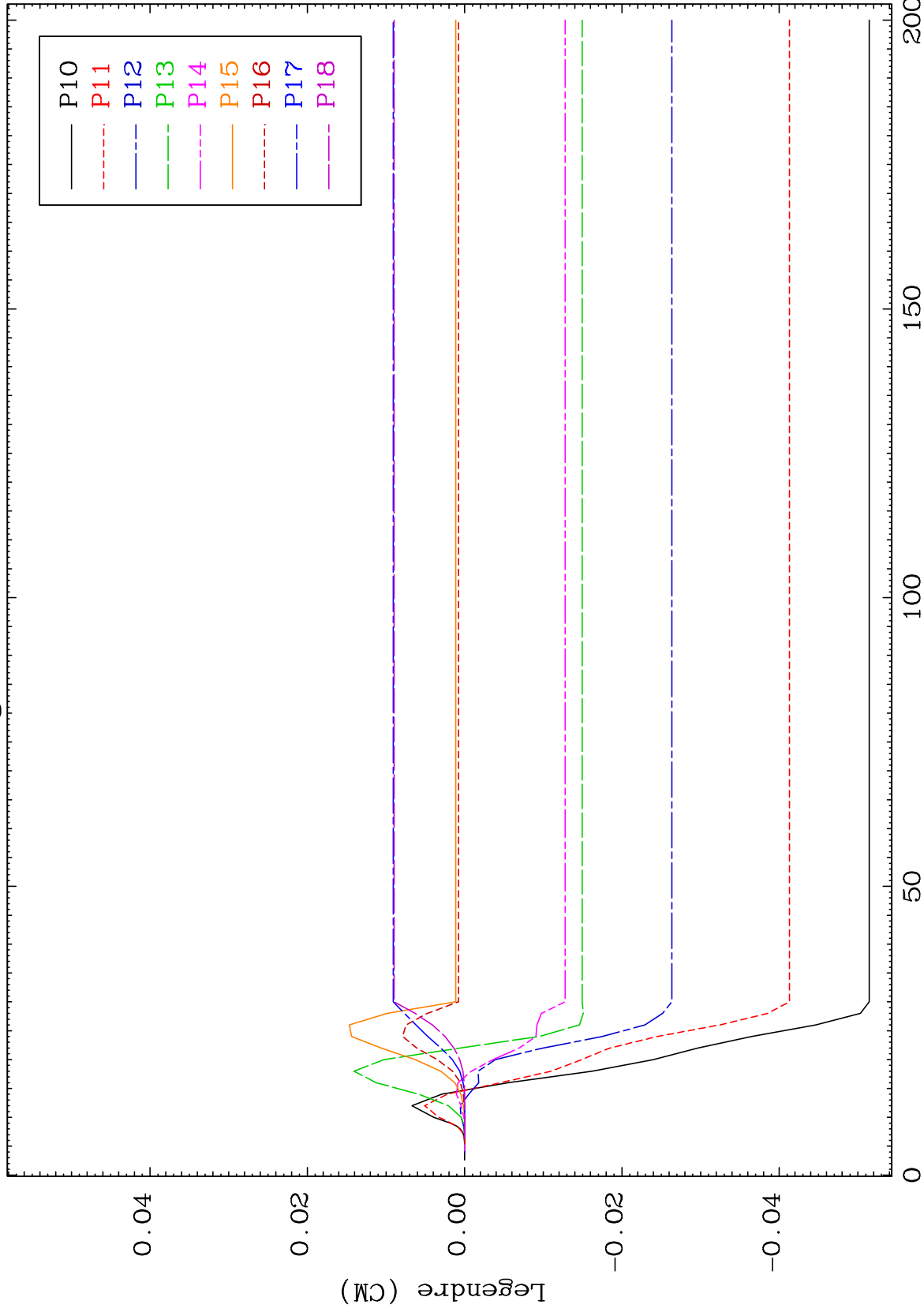


71 51-Sb-113

MAT 5101

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

51-Sb-113



72

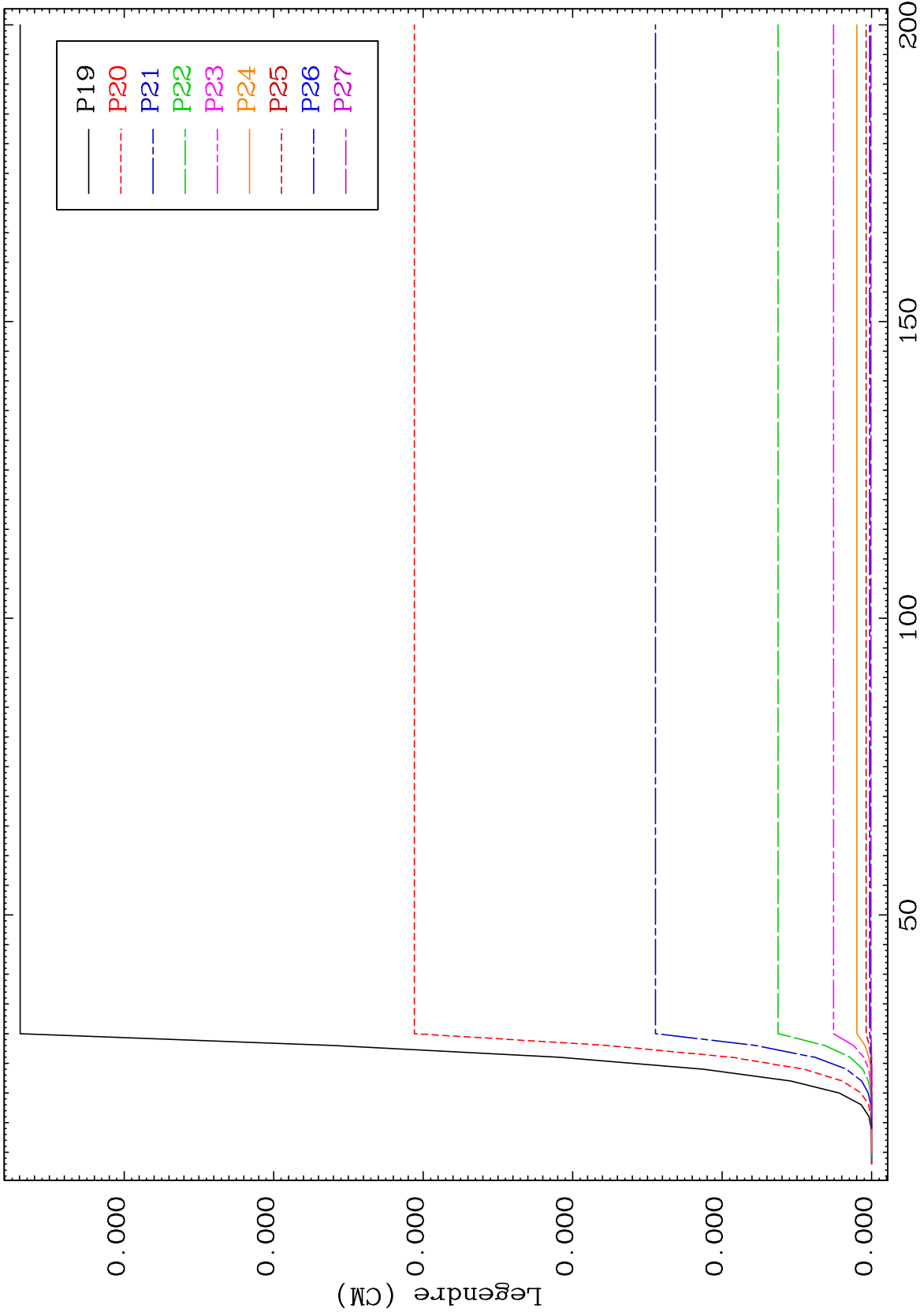
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



73

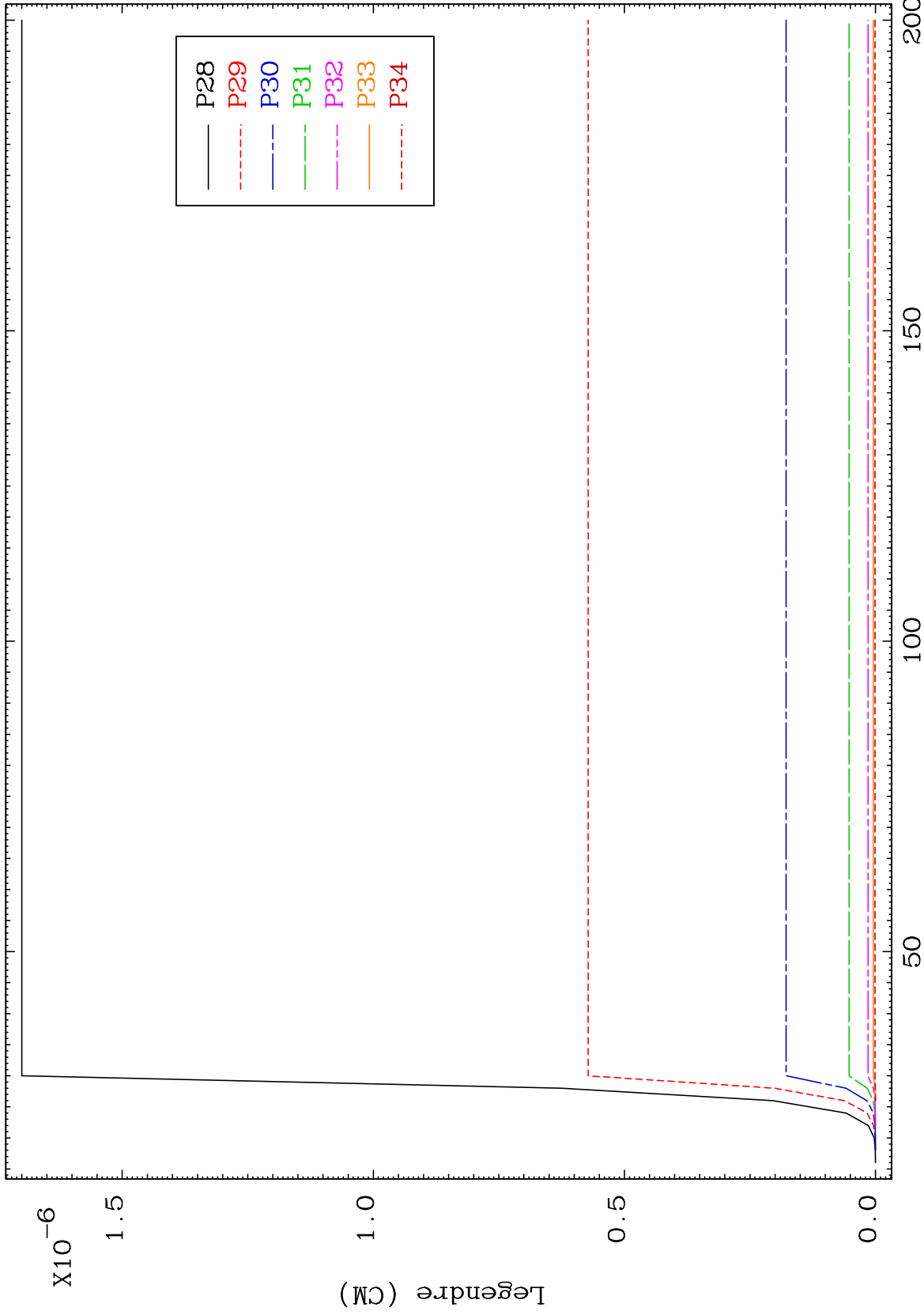
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



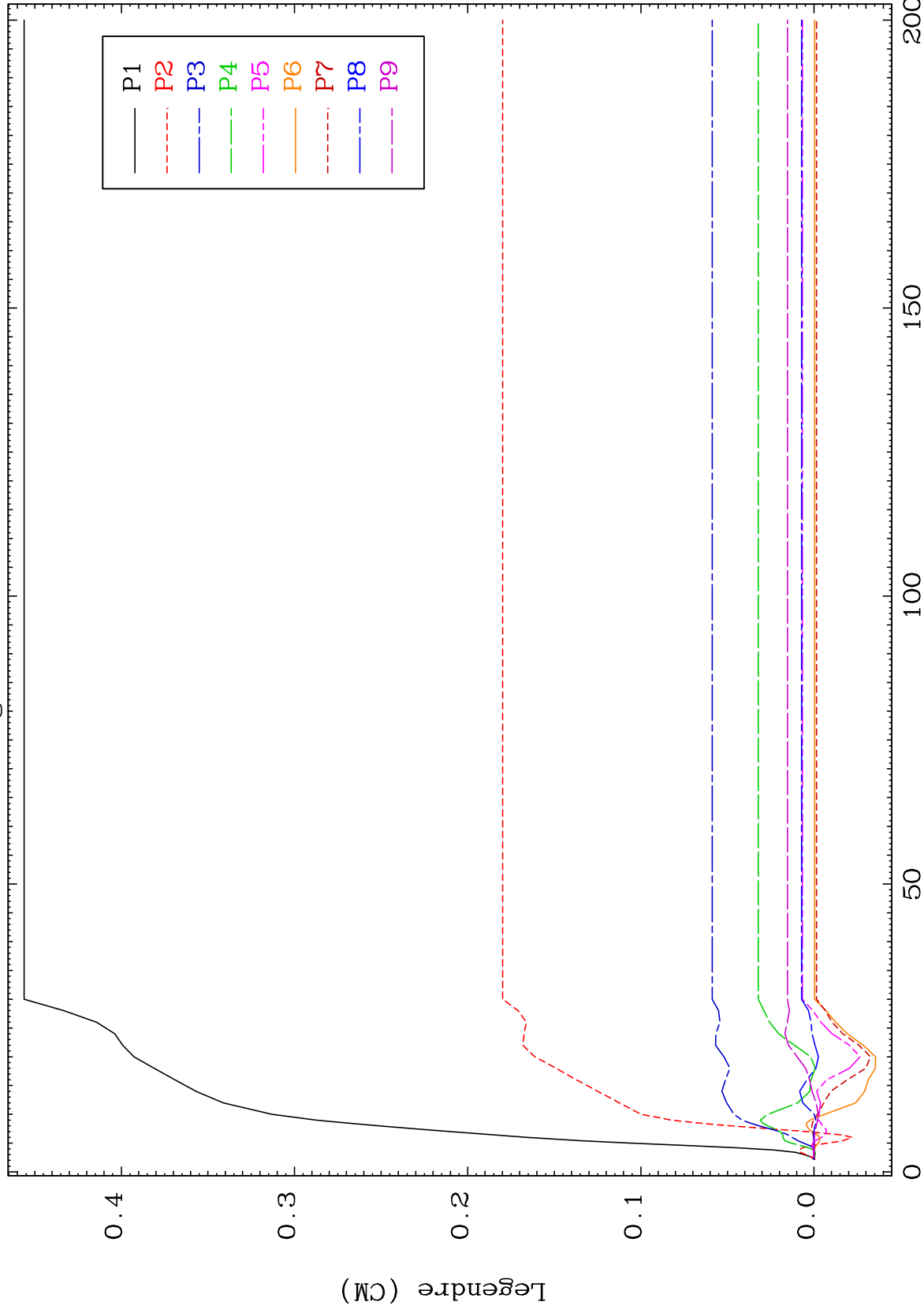
74

51-Sb-113

MAT 5101

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

51-Sb-113



75

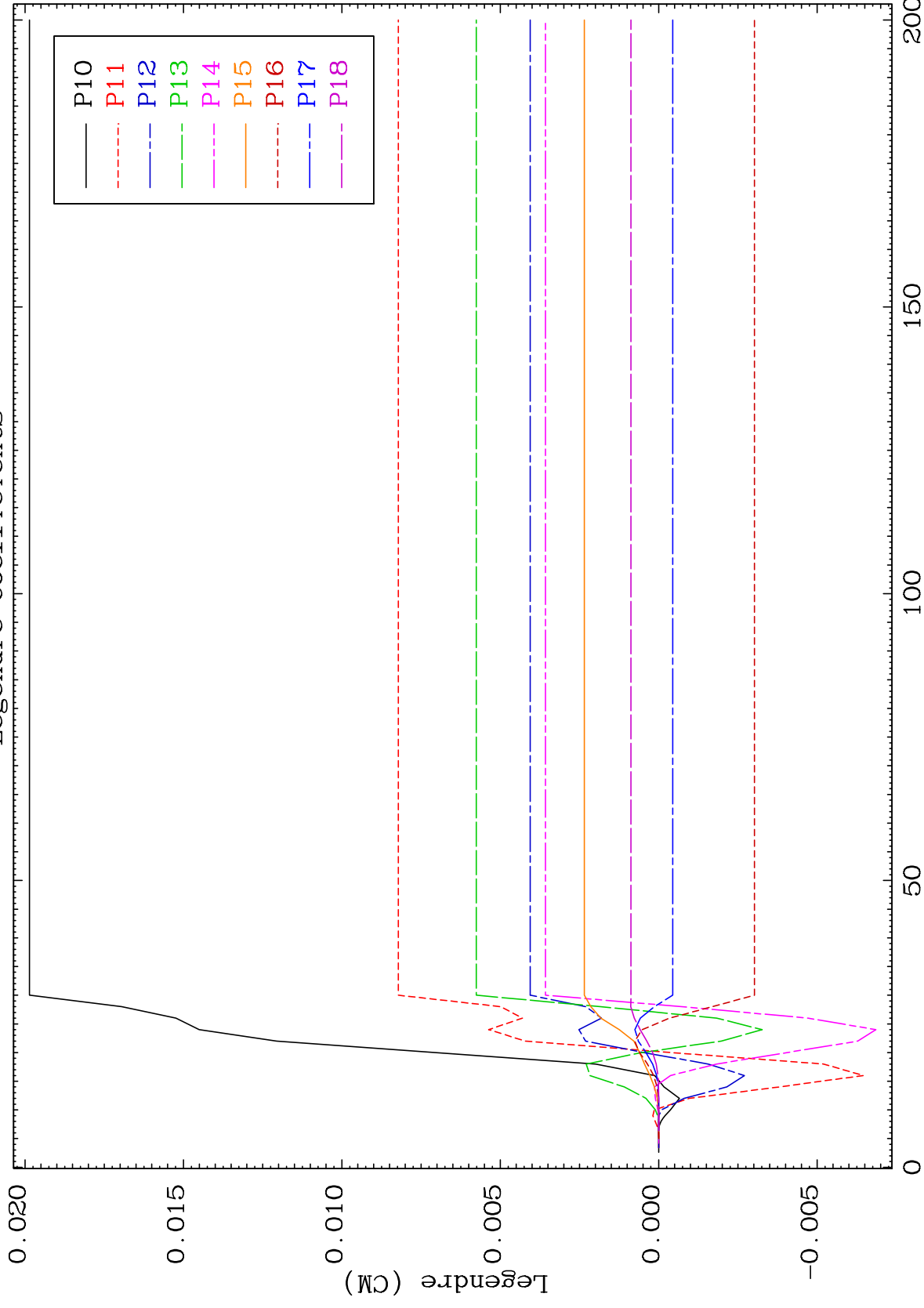
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



51-Sb-113

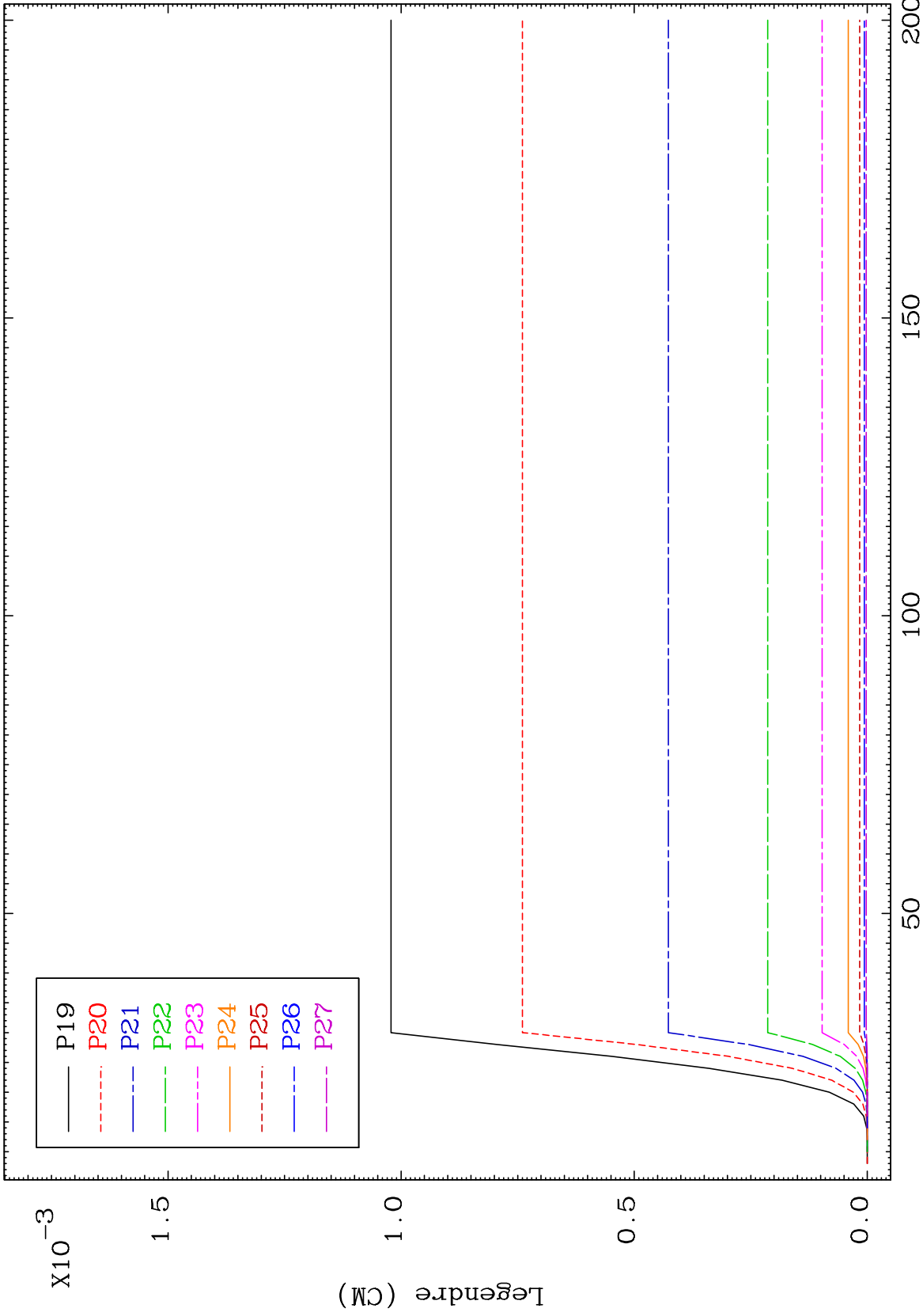
Incident Energy (MeV)

76

MAT 5101

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

51-Sb-113



77

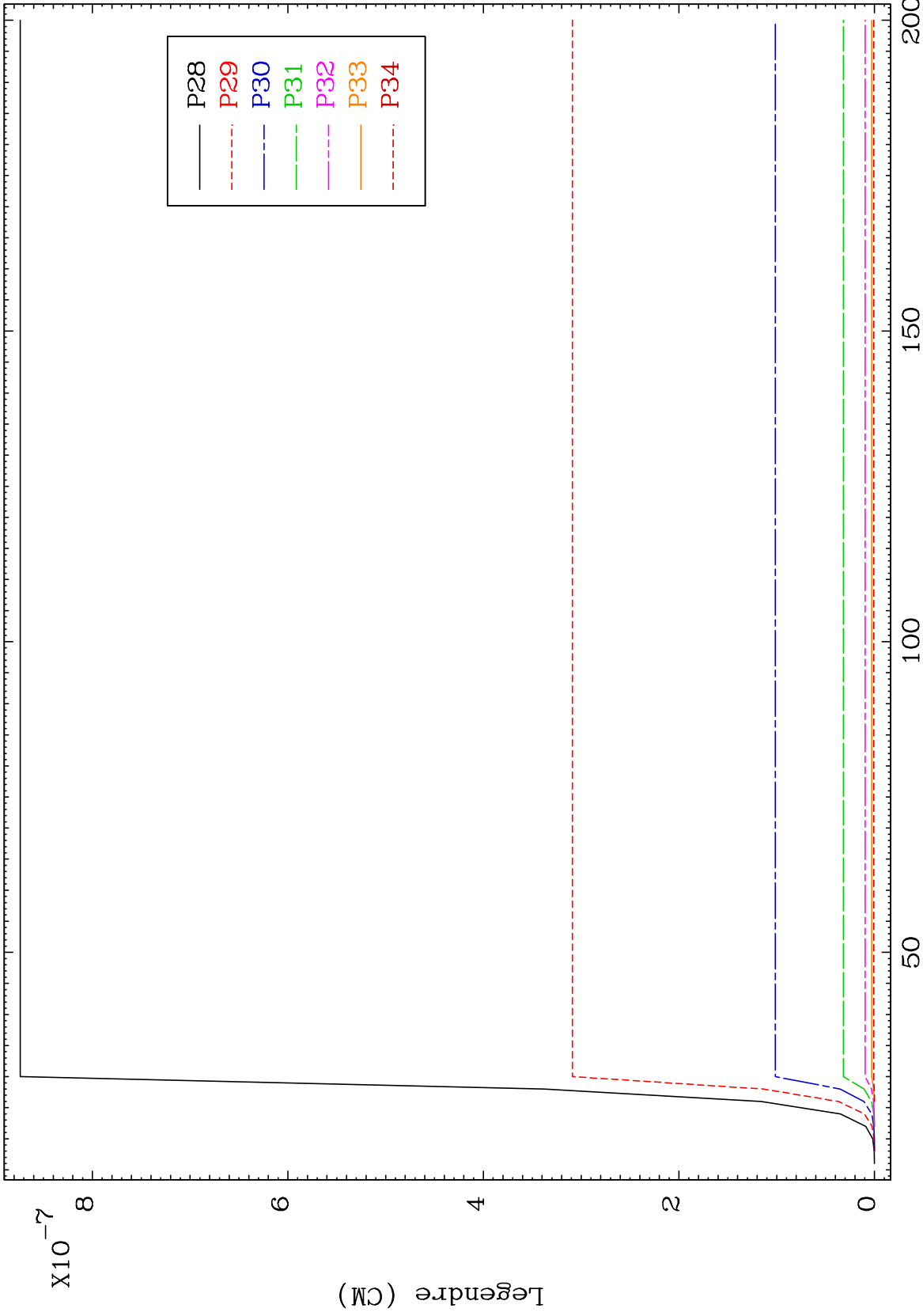
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



78

Incident Energy (MeV)

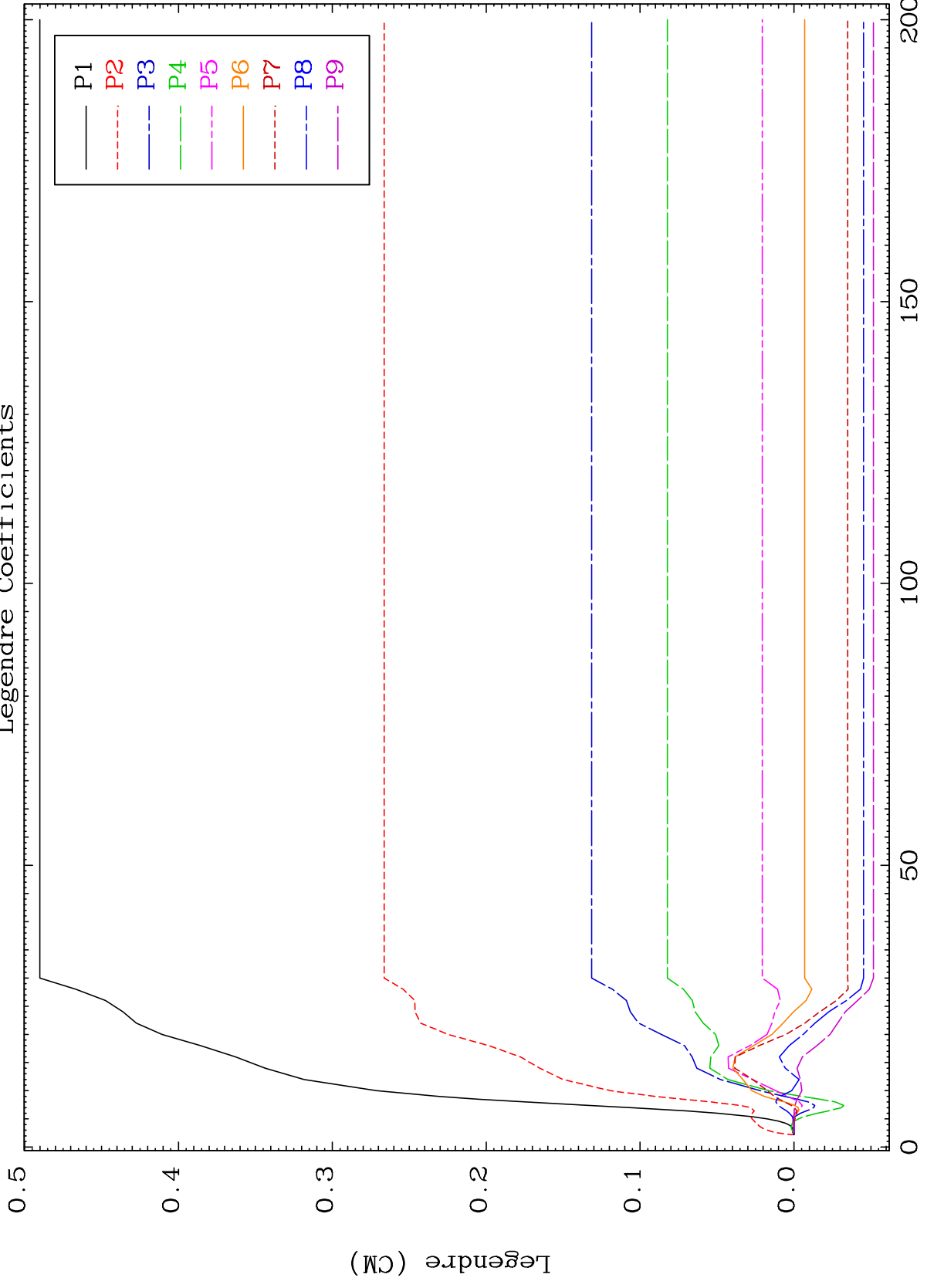
51-Sb-113

MAT 5101

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

51-Sb-113

51-Sb-113

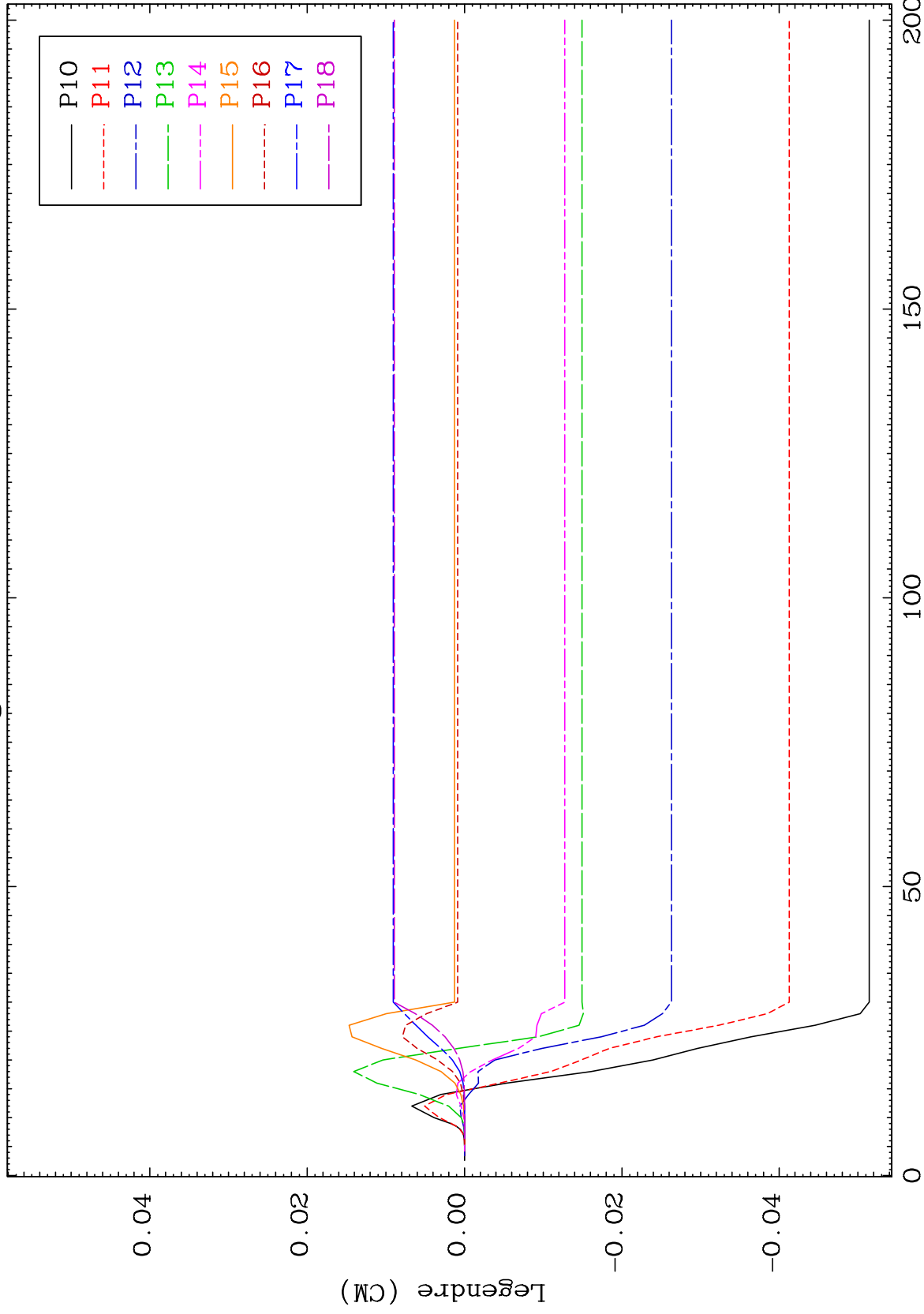


79

MAT 5101

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

51-Sb-113



80

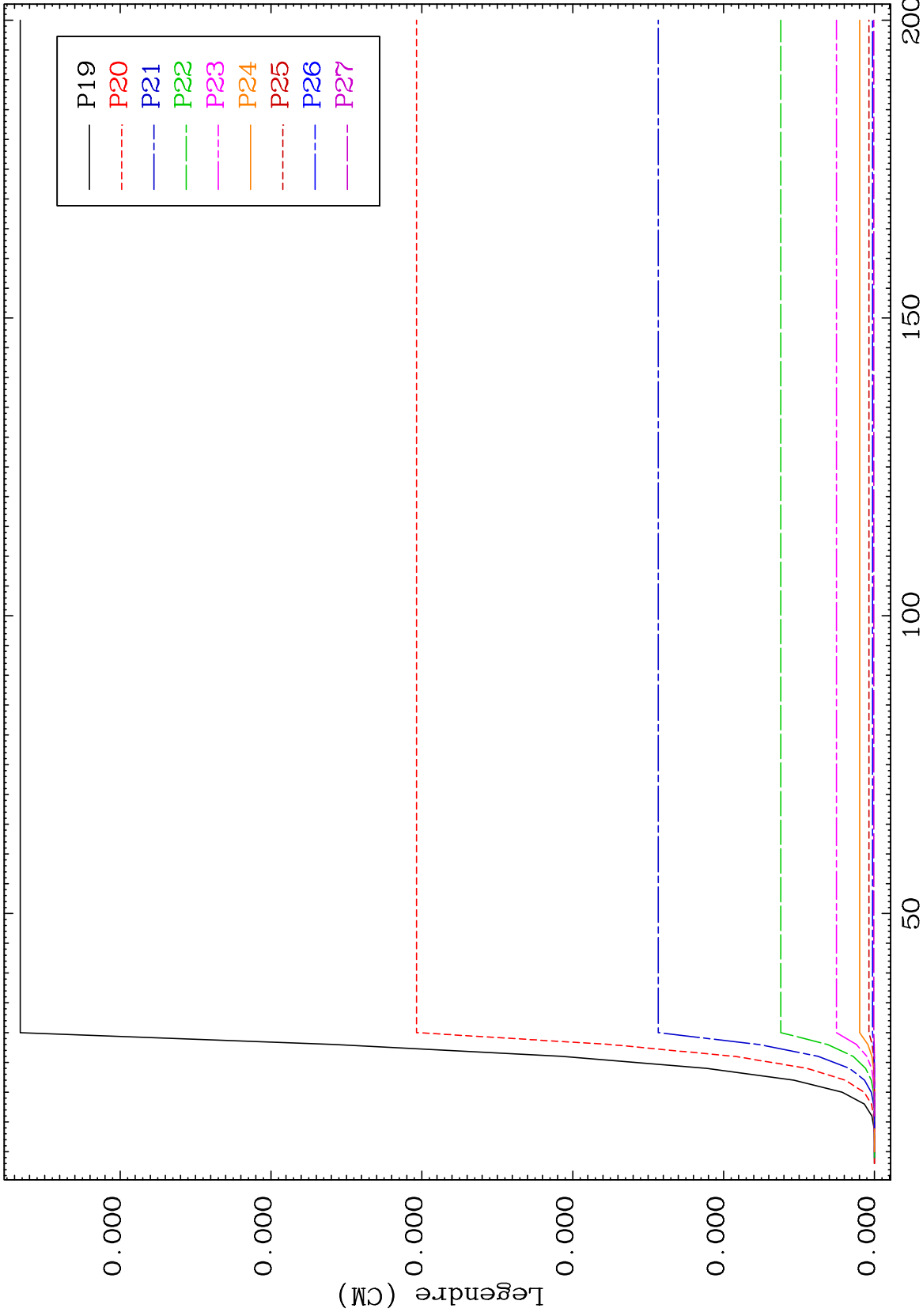
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



81

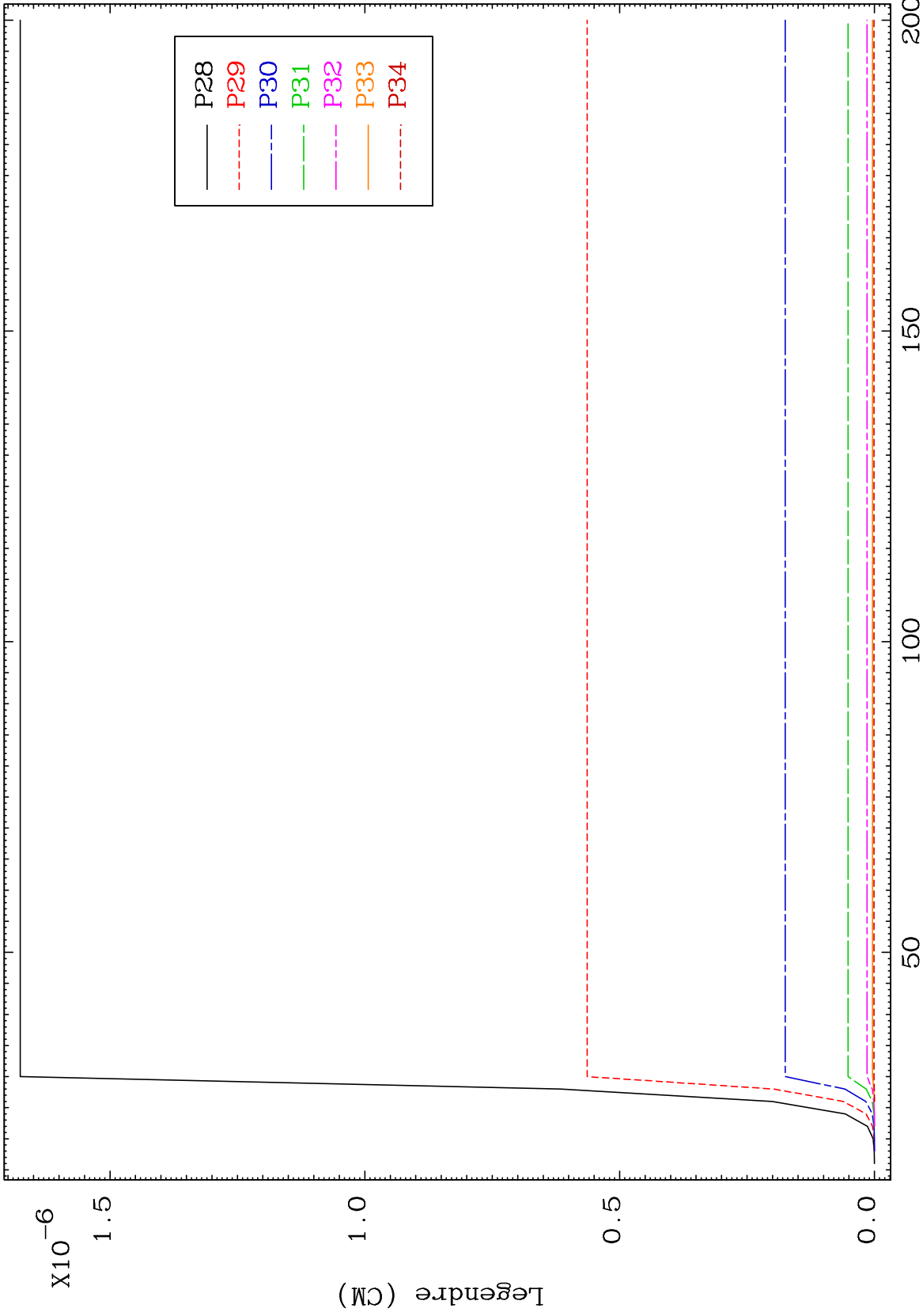
Incident Energy (MeV)

51-Sb-113

MAT 5101

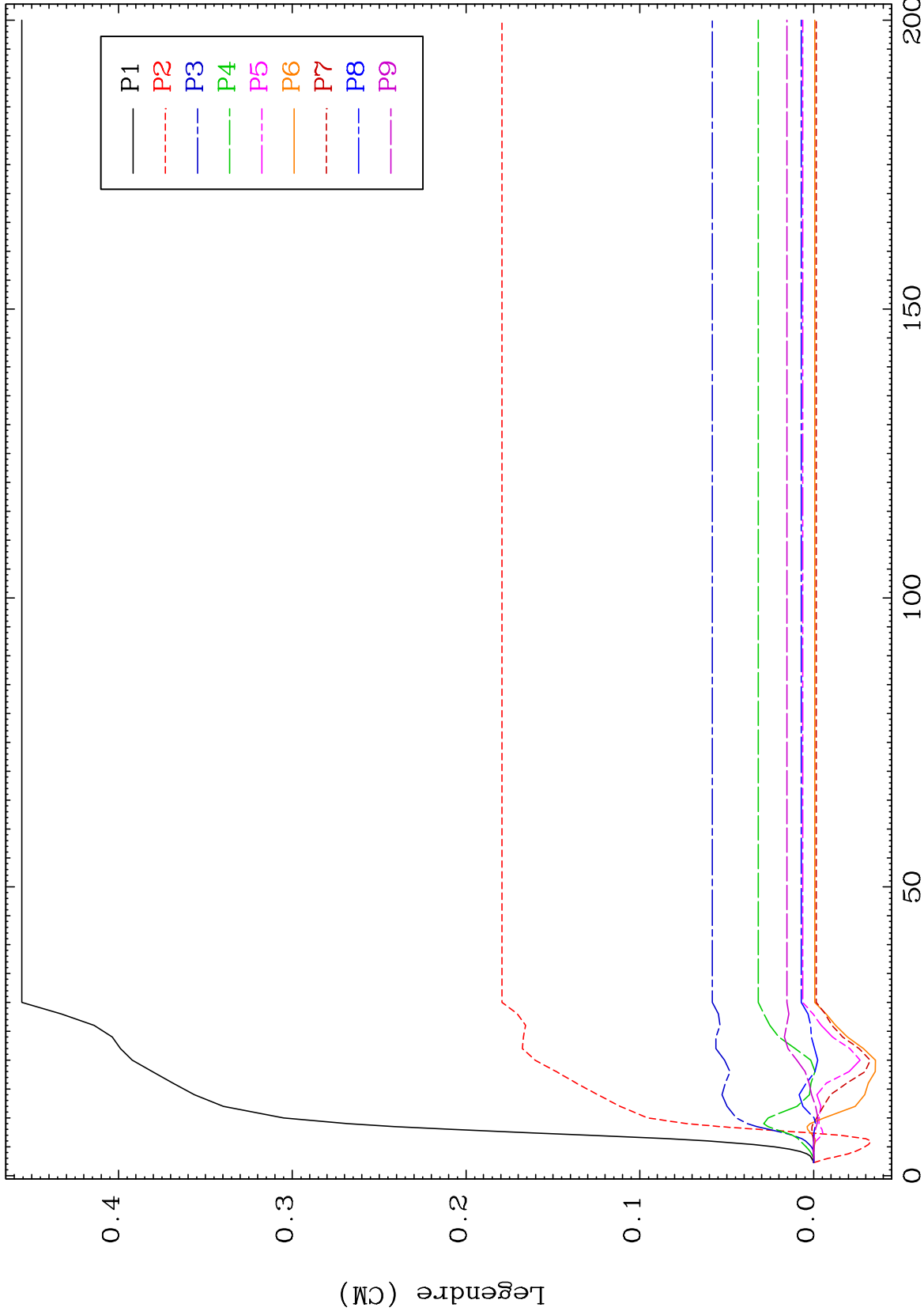
MT= 66 (n,n') Level
Legendre Coefficients

51-Sb-113



82

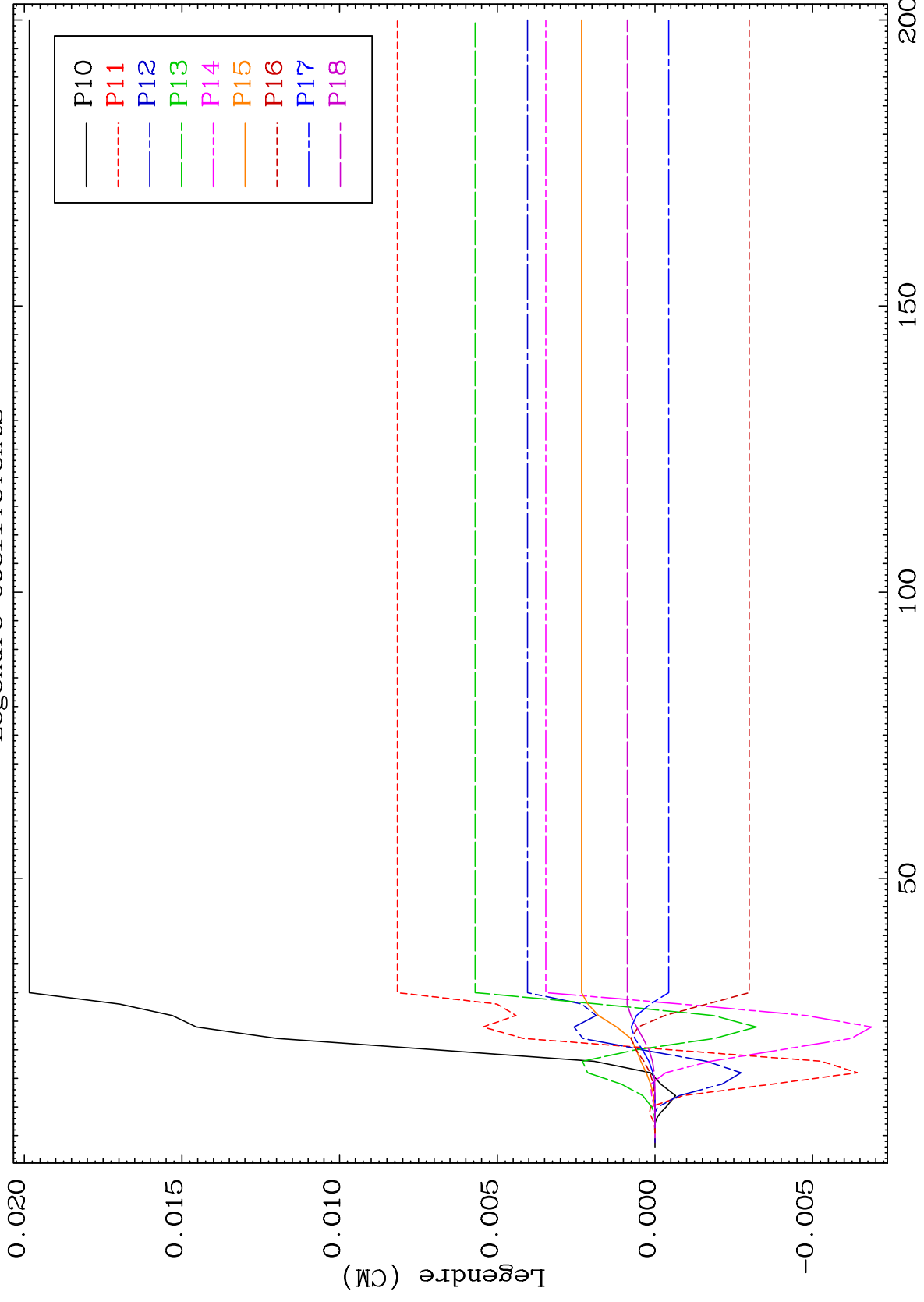
51-Sb-113



MAT 5101

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

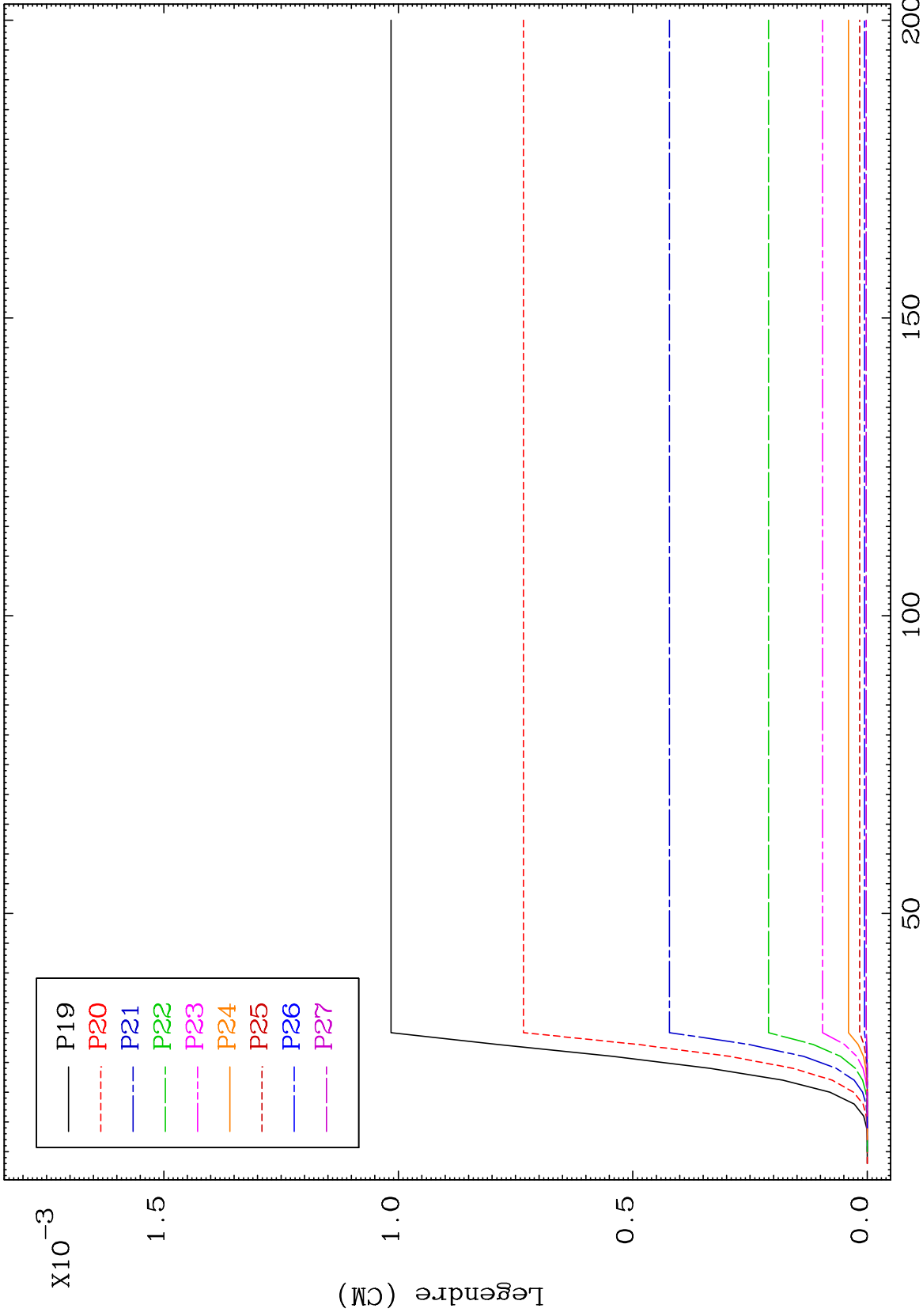
51-Sb-113



51-Sb-113

Incident Energy (MeV)

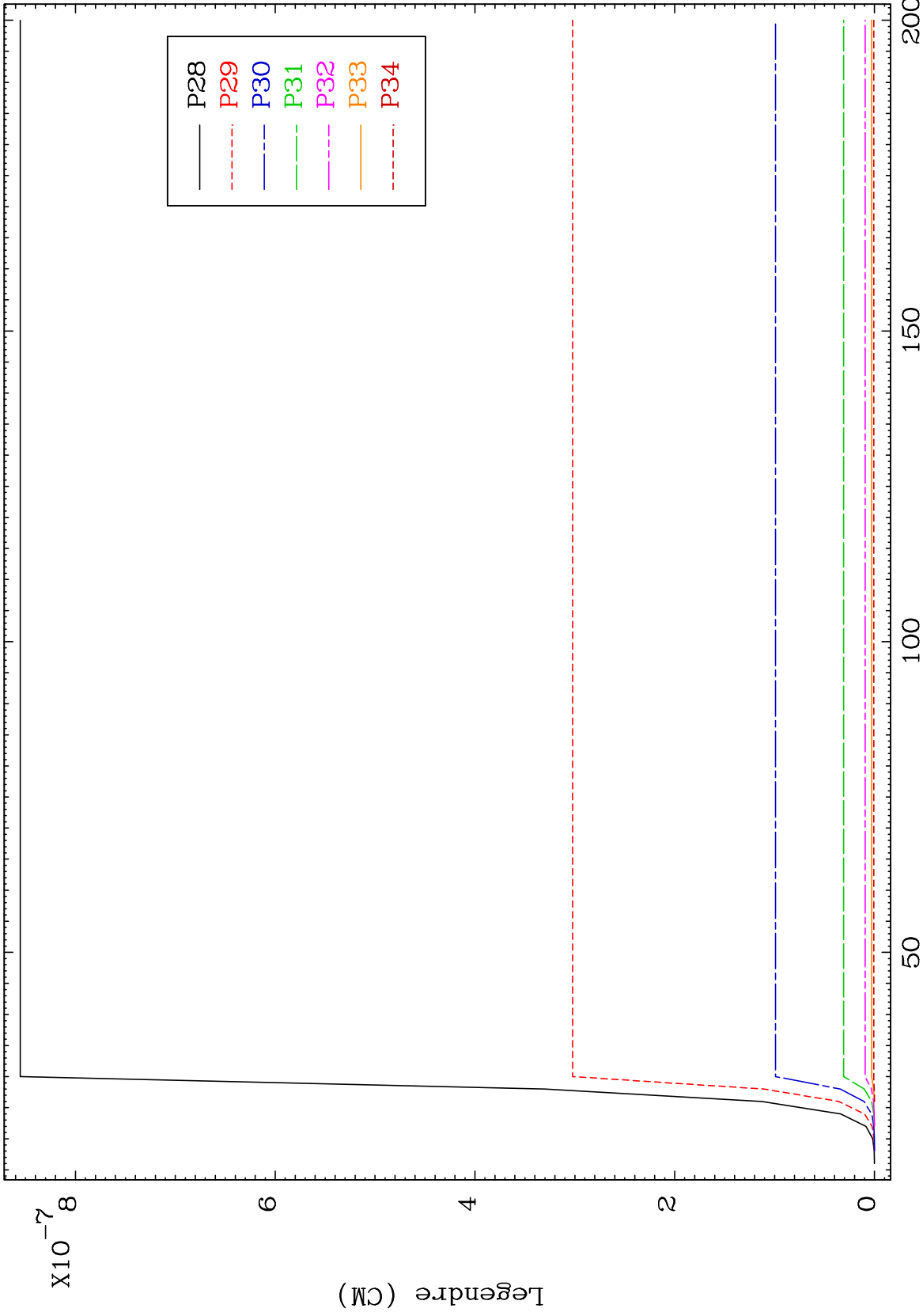
84



MAT 5101

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

51-Sb-113



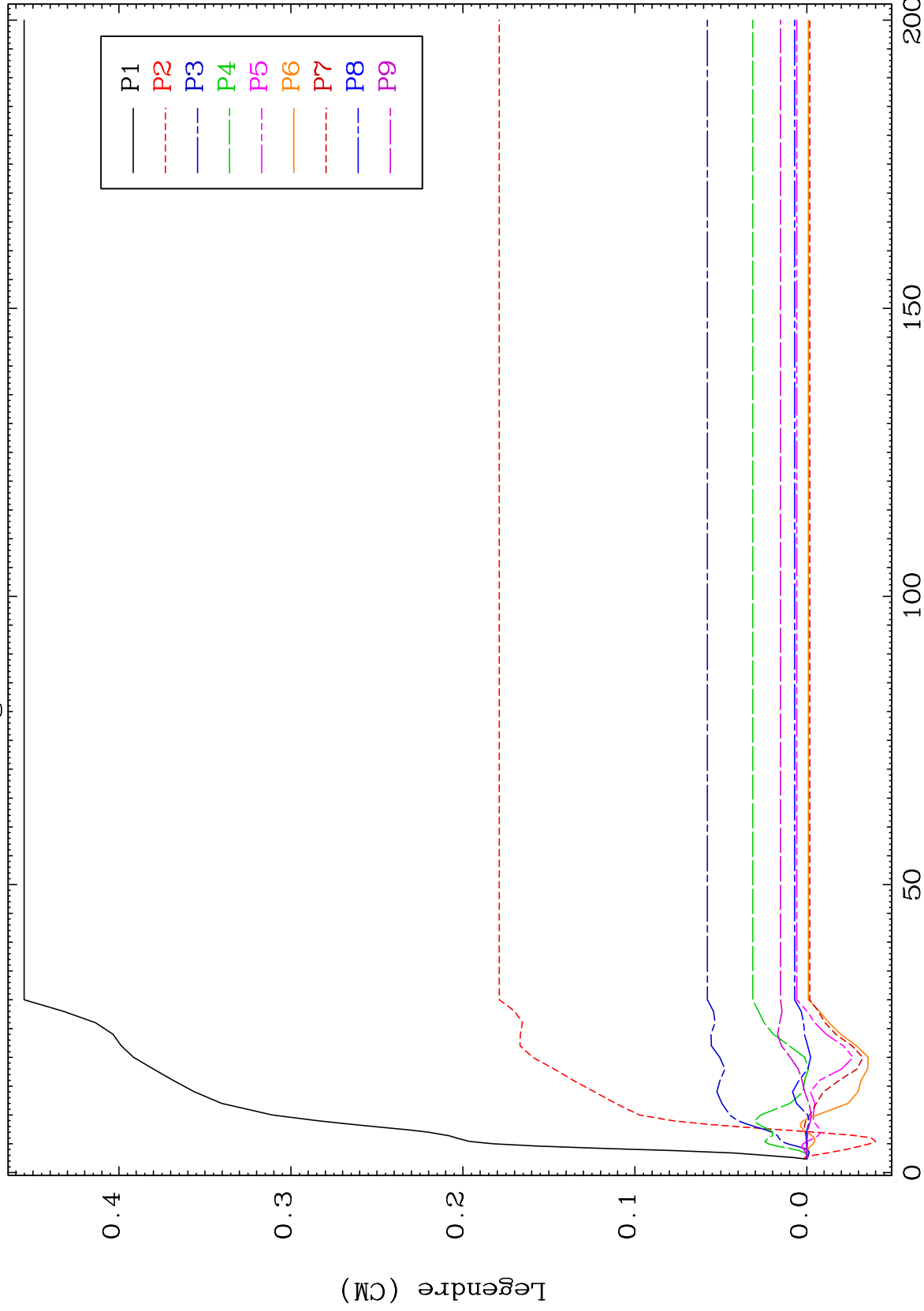
86

51-Sb-113

MAT 5101

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

51-Sb-113



87

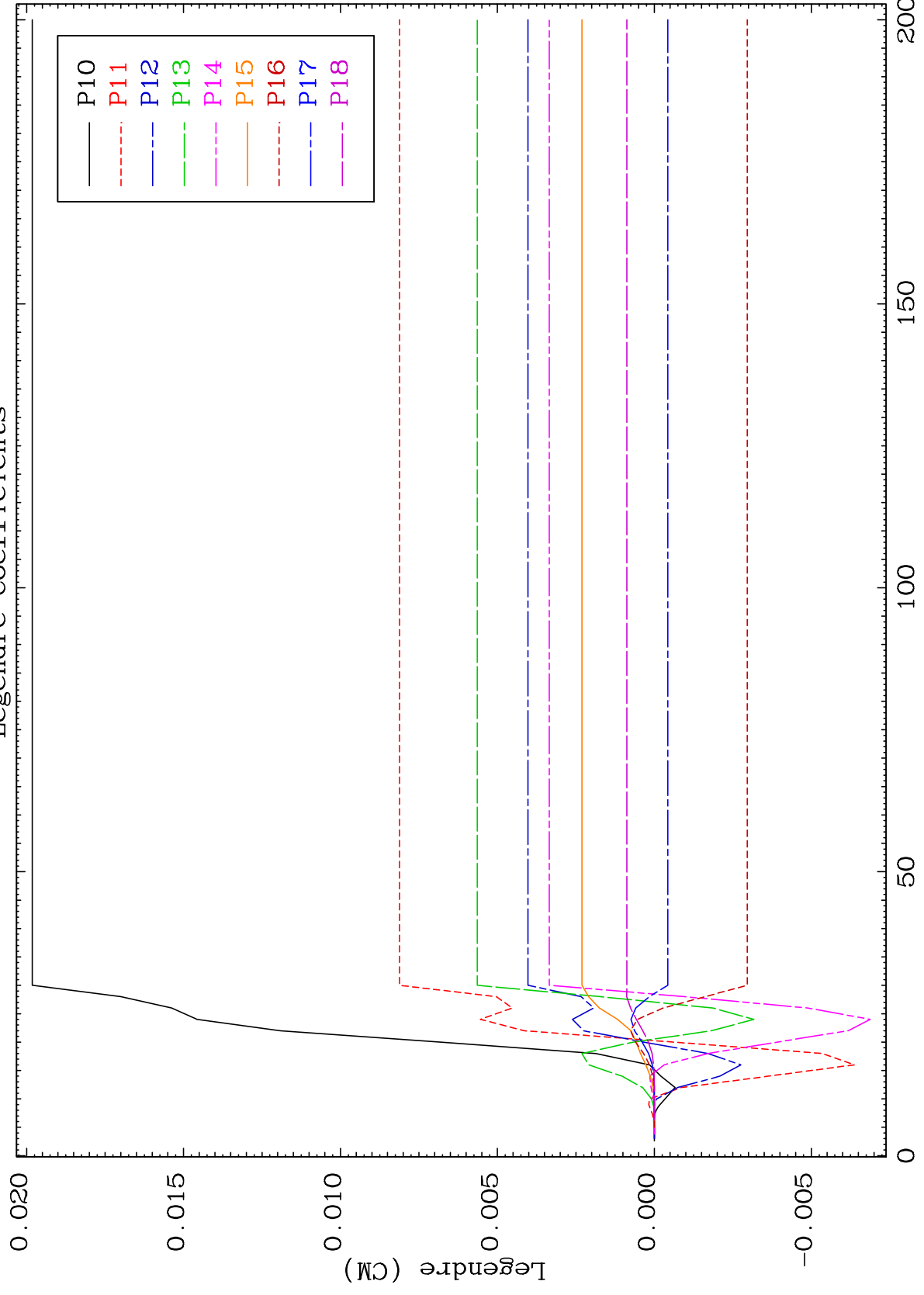
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

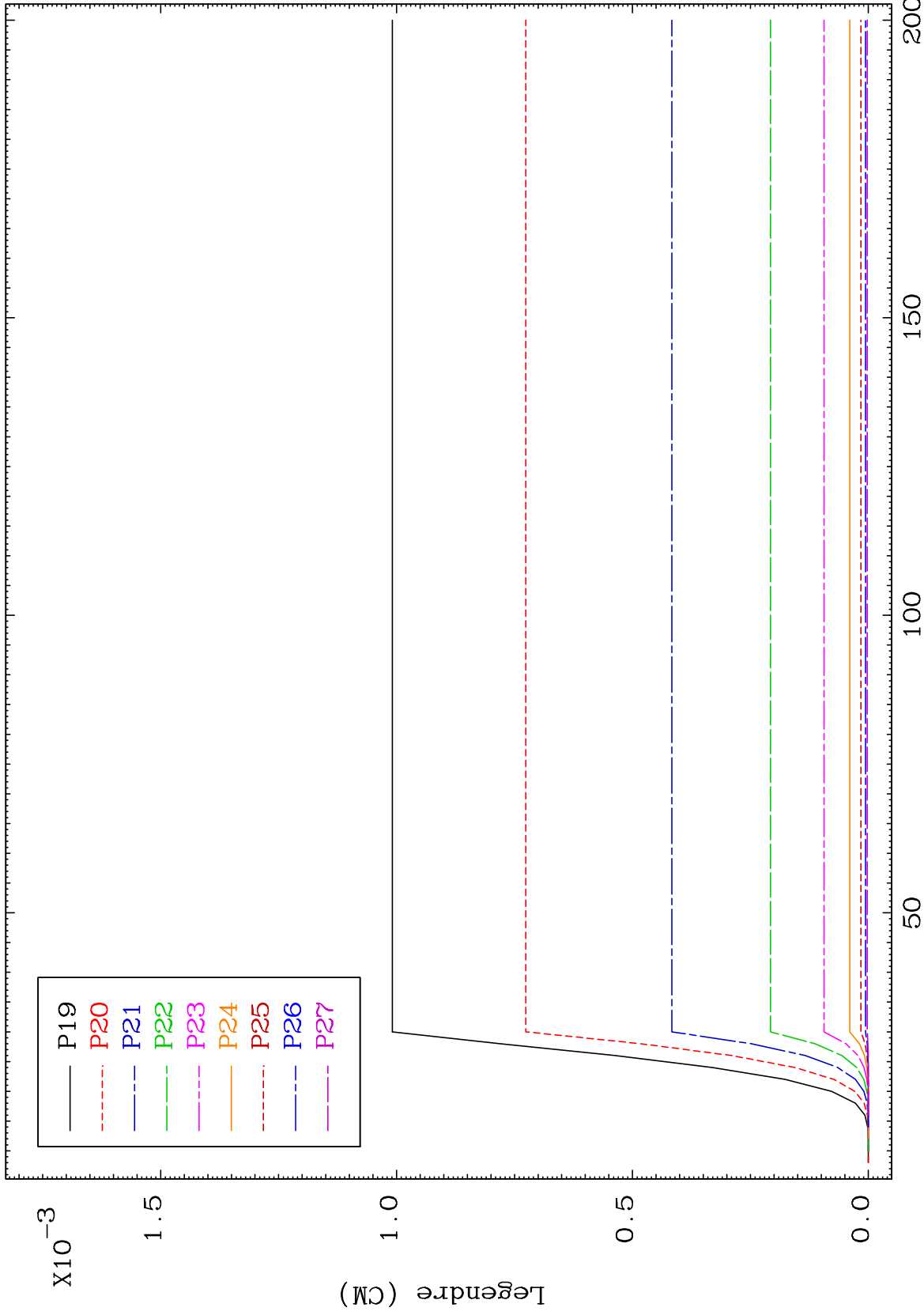
51-Sb-113



51-Sb-113

Incident Energy (MeV)

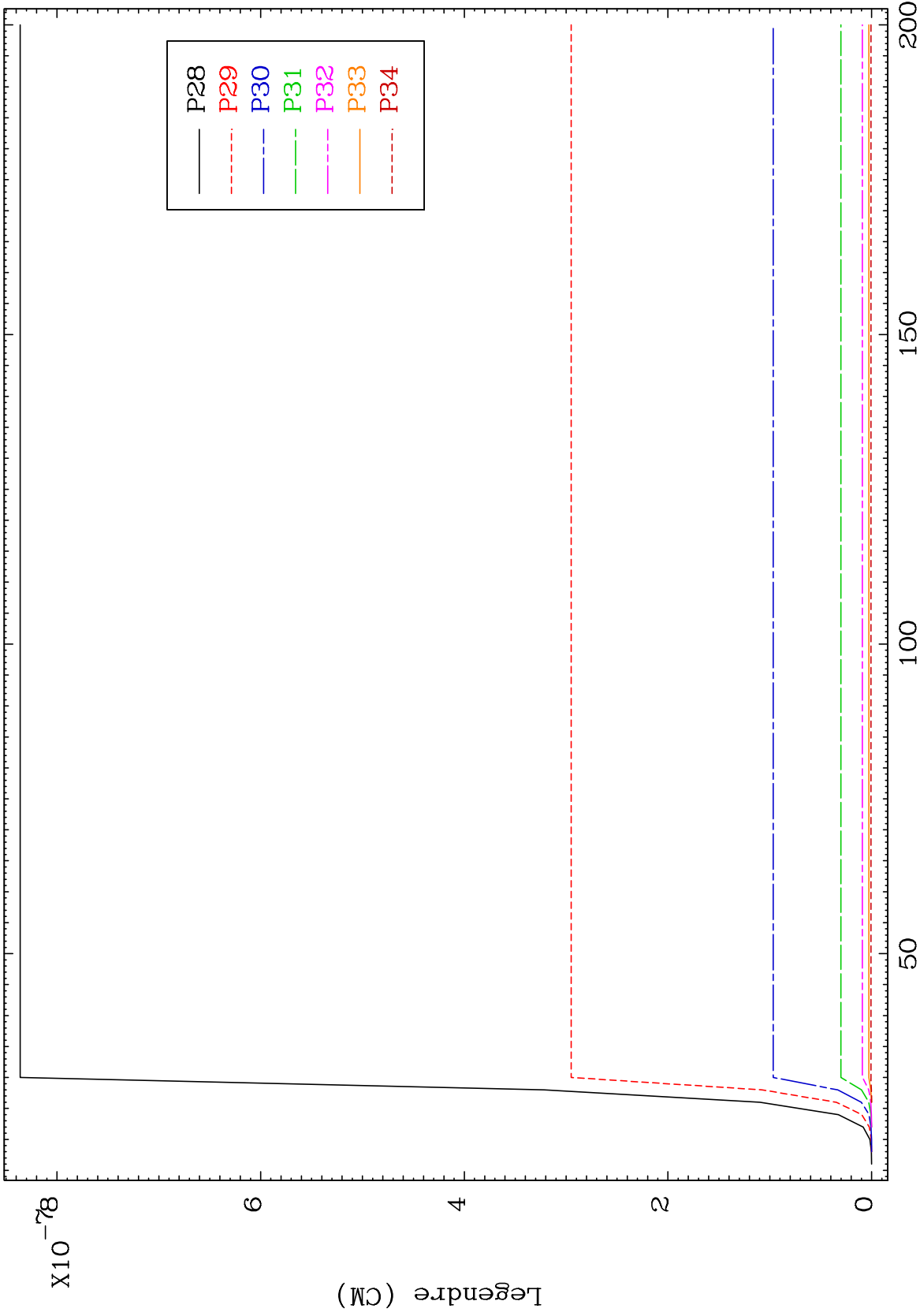
88



MAT 5101

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

51-Sb-113



90

Incident Energy (MeV)

50

100

150

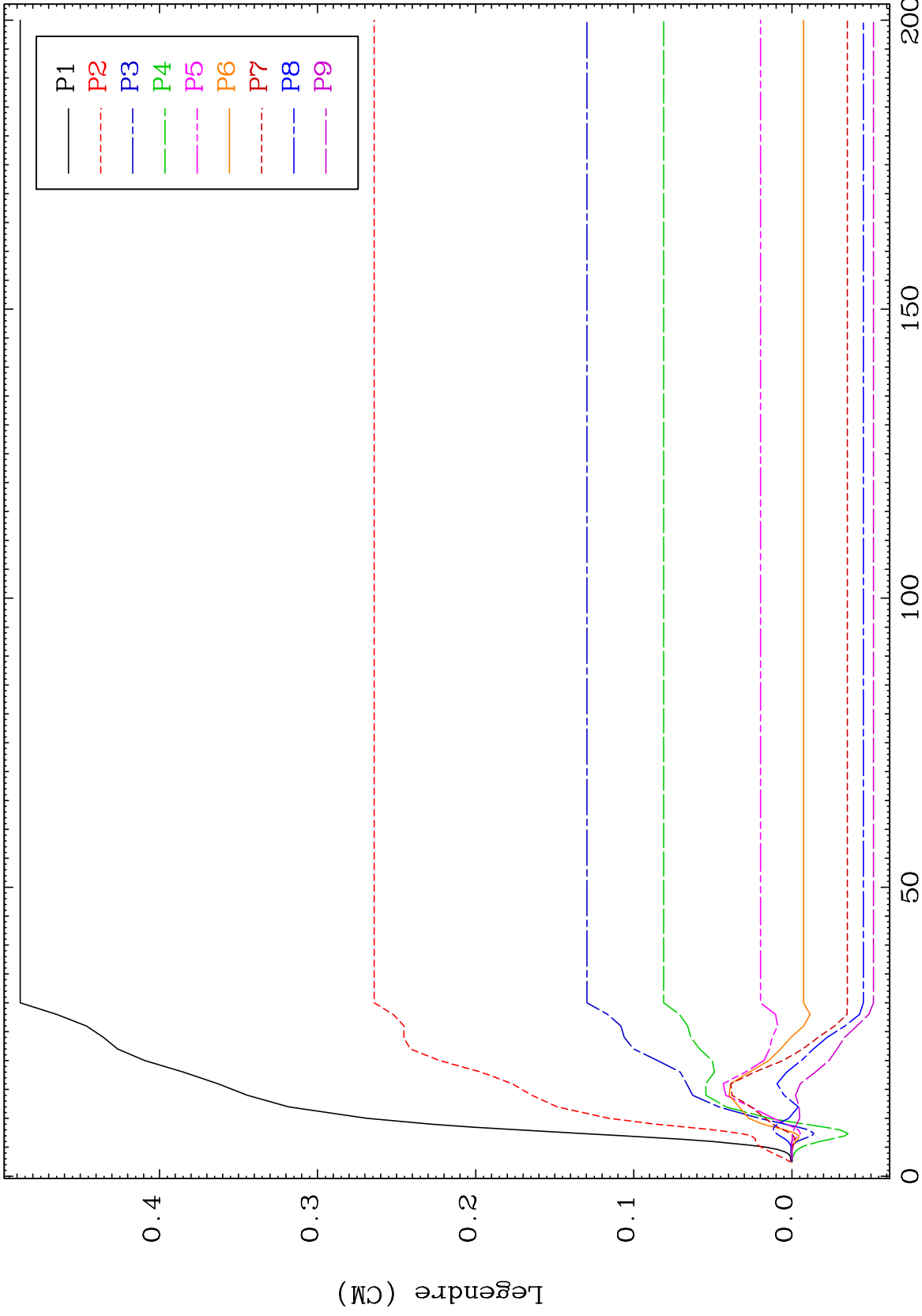
200

51-Sb-113

MAT 5101

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

51-Sb-113



91

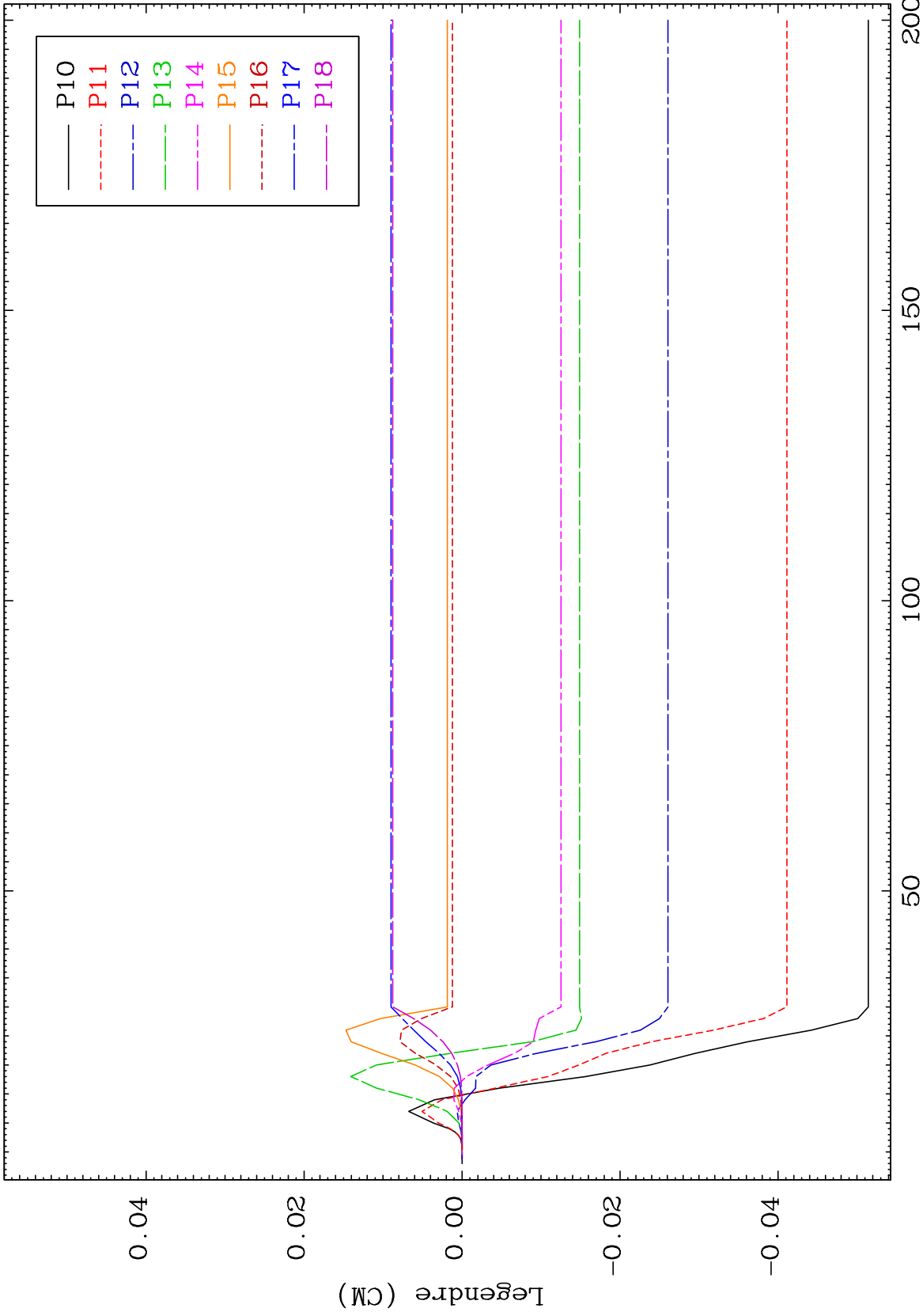
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



92

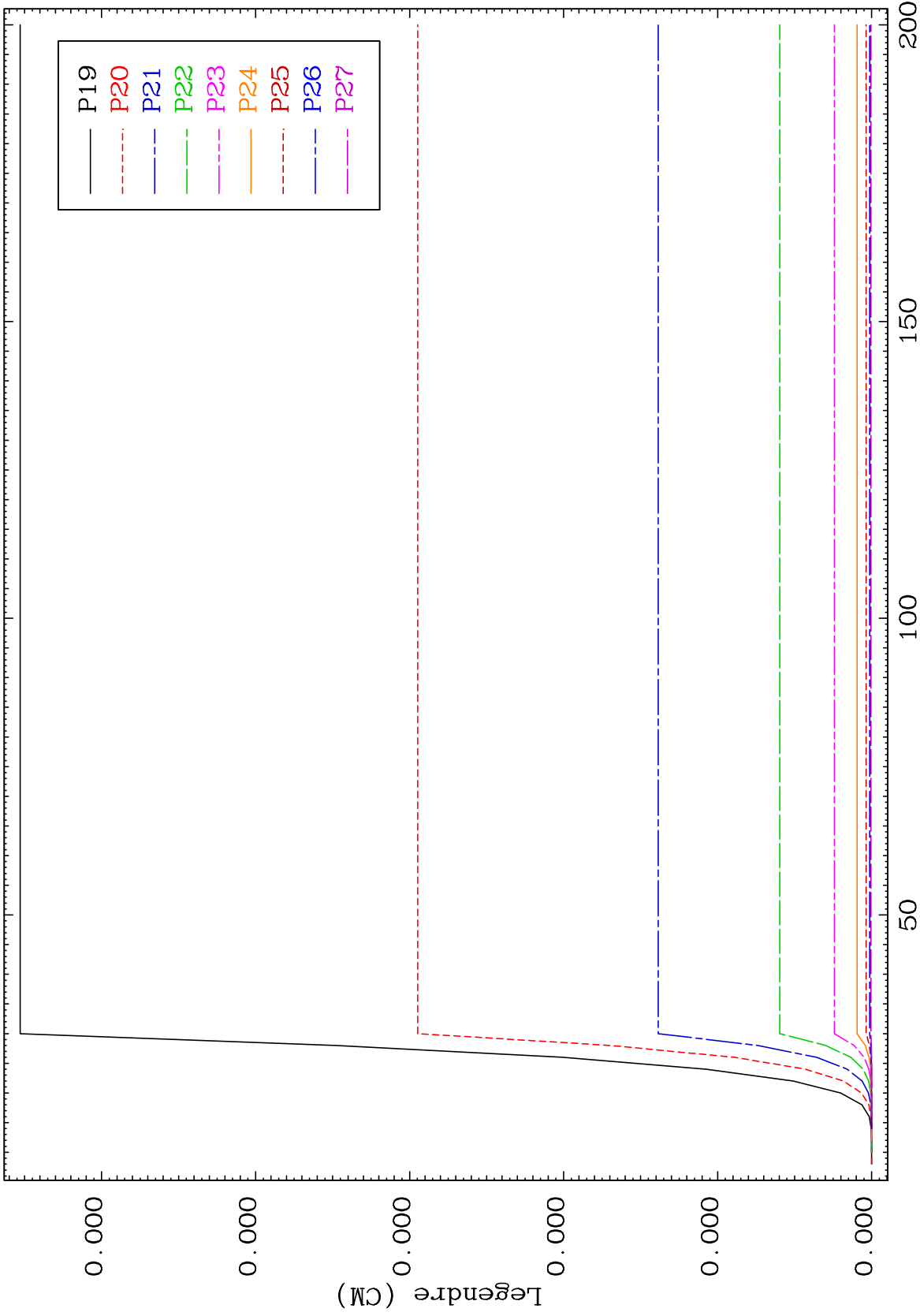
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



93

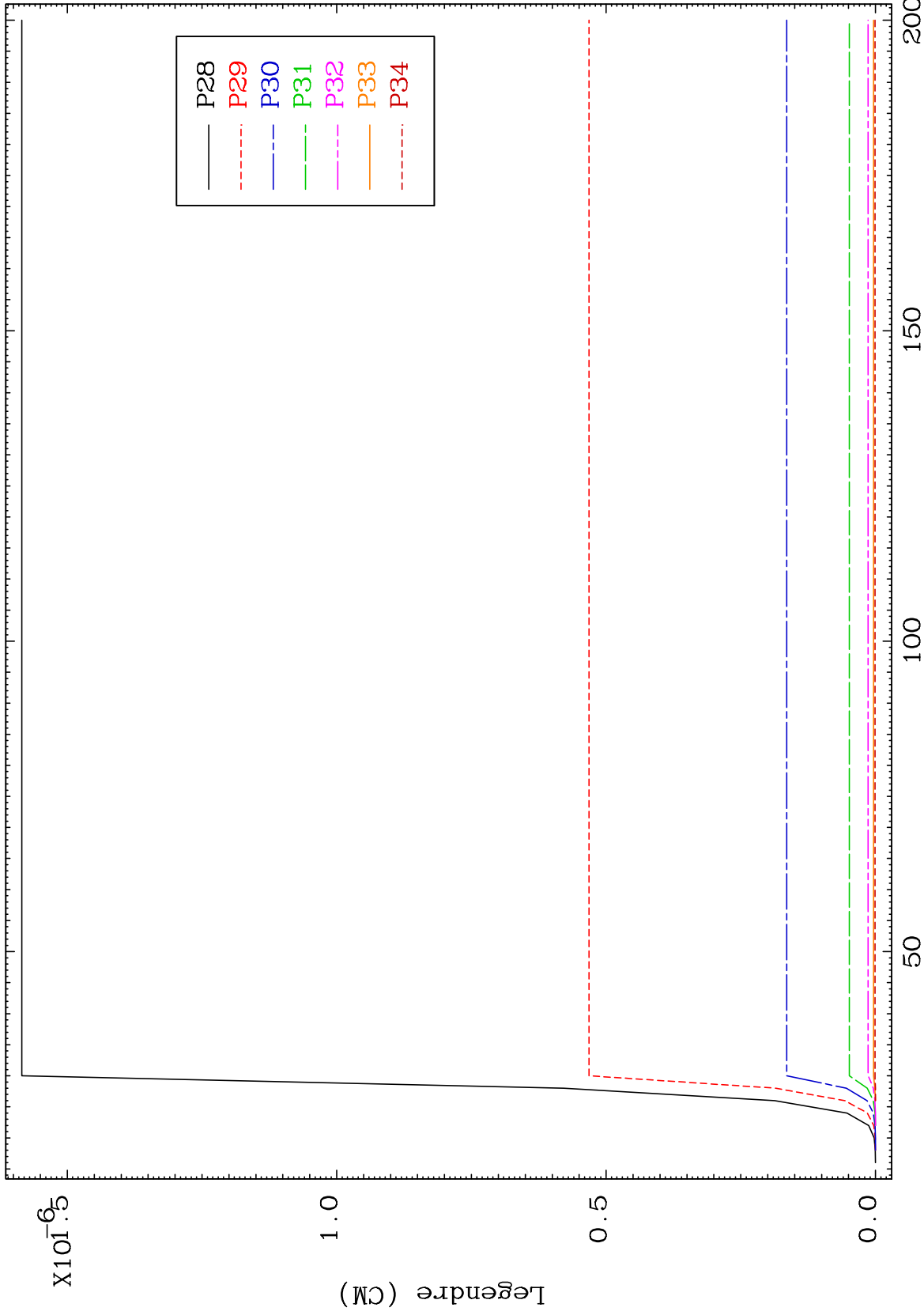
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



94

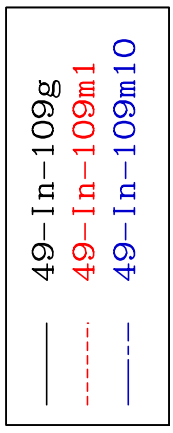
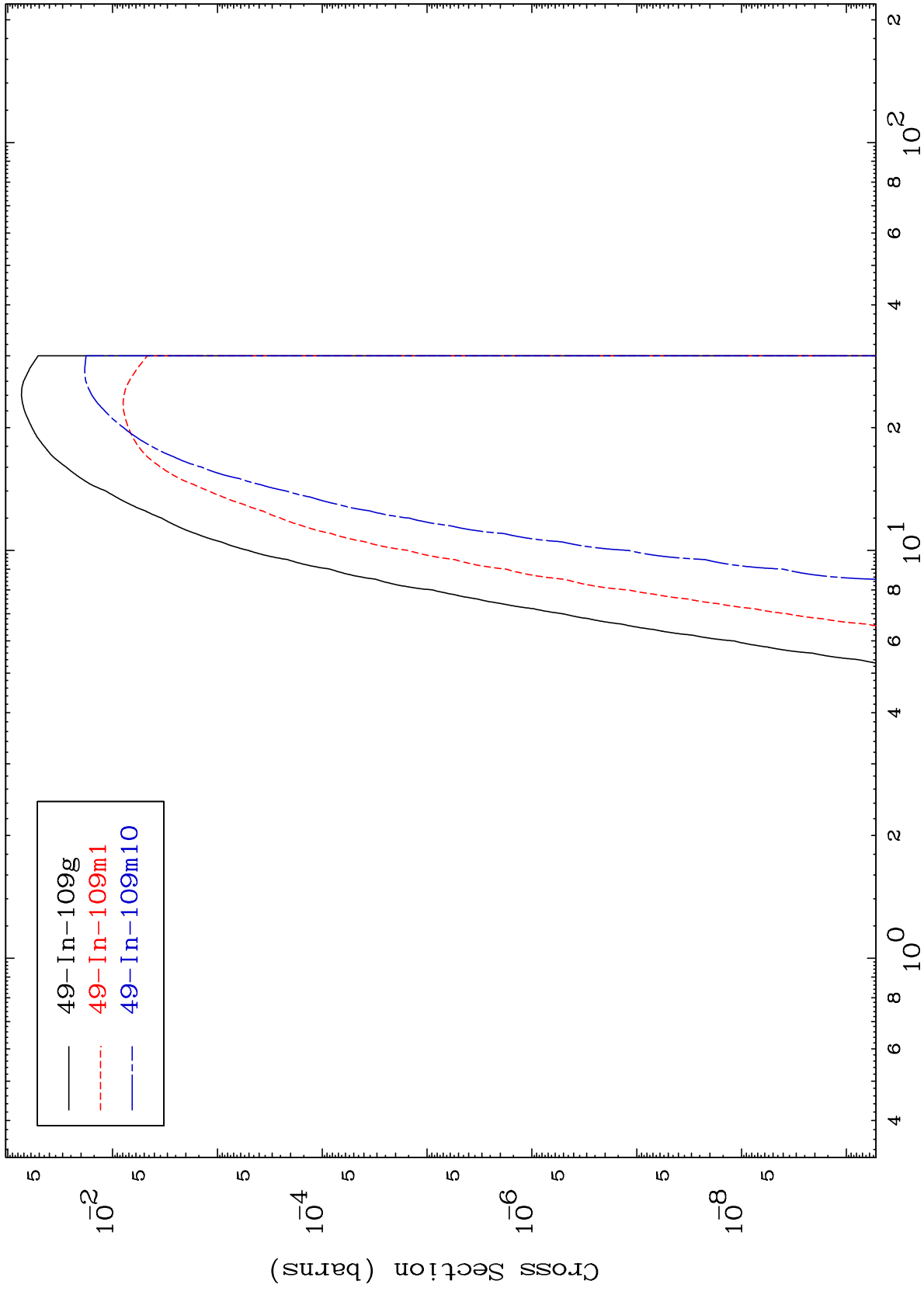
51-Sb-113

MAT 5101

(n,n') α

51-Sb-113

Radionuclide Production Cross Section



95

Incident Energy (MeV)

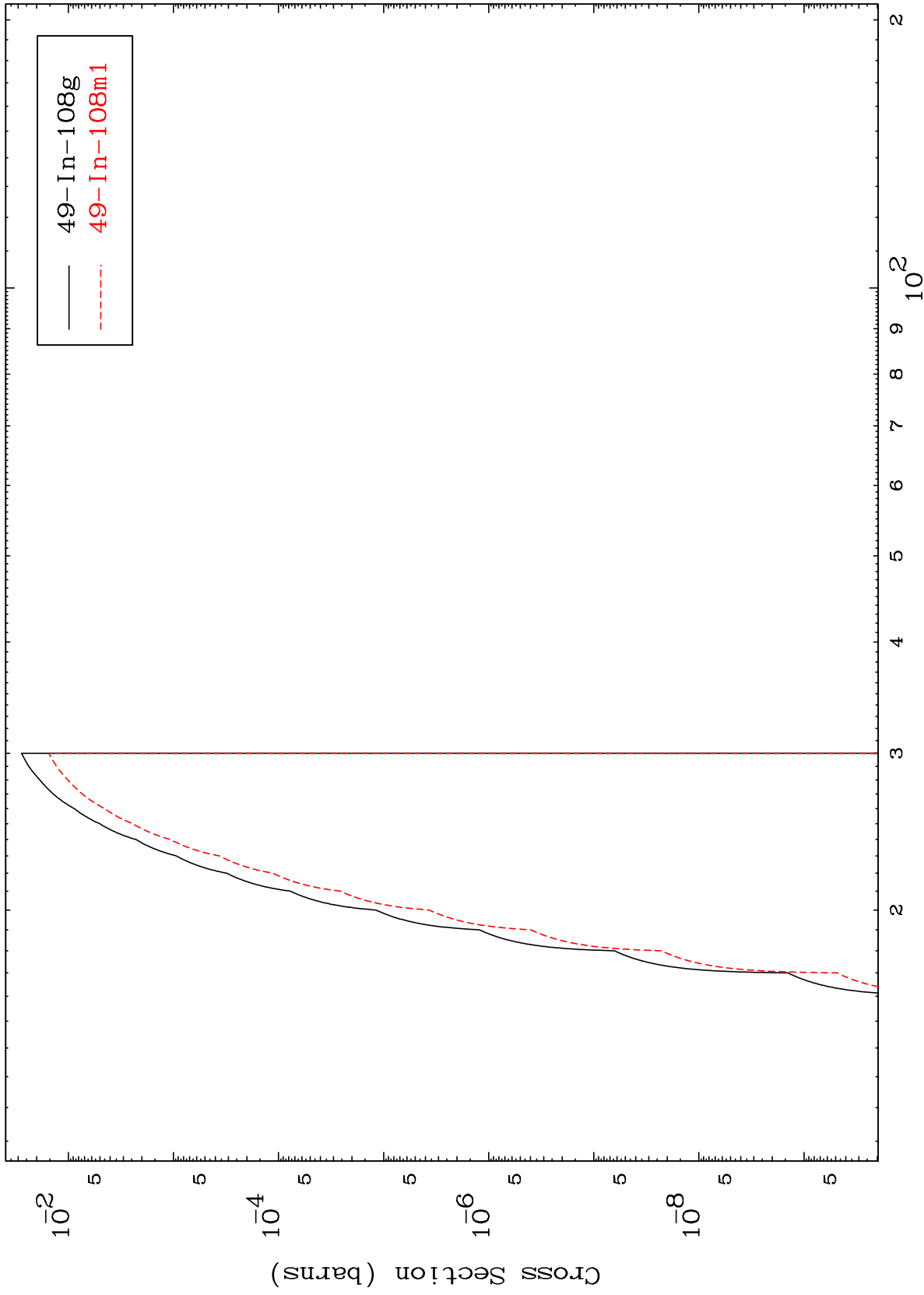
51-Sb-113

MAT 5101

(n,2n) α

51-Sb-113

Radionuclide Production Cross Section



96

Incident Energy (MeV)

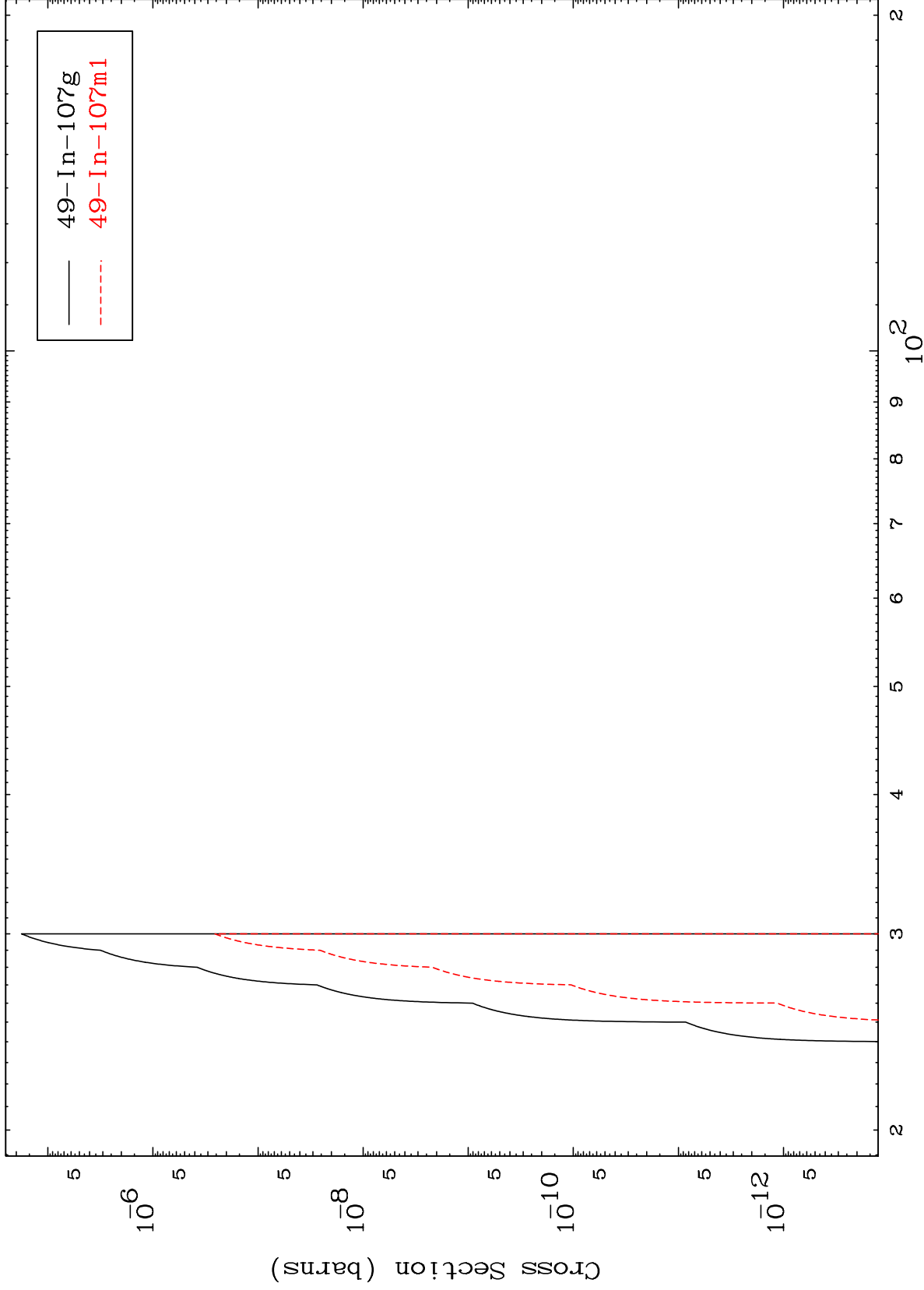
51-Sb-113

MAT 5101

(n,3n) α

51-Sb-113

Radionuclide Production Cross Section



97

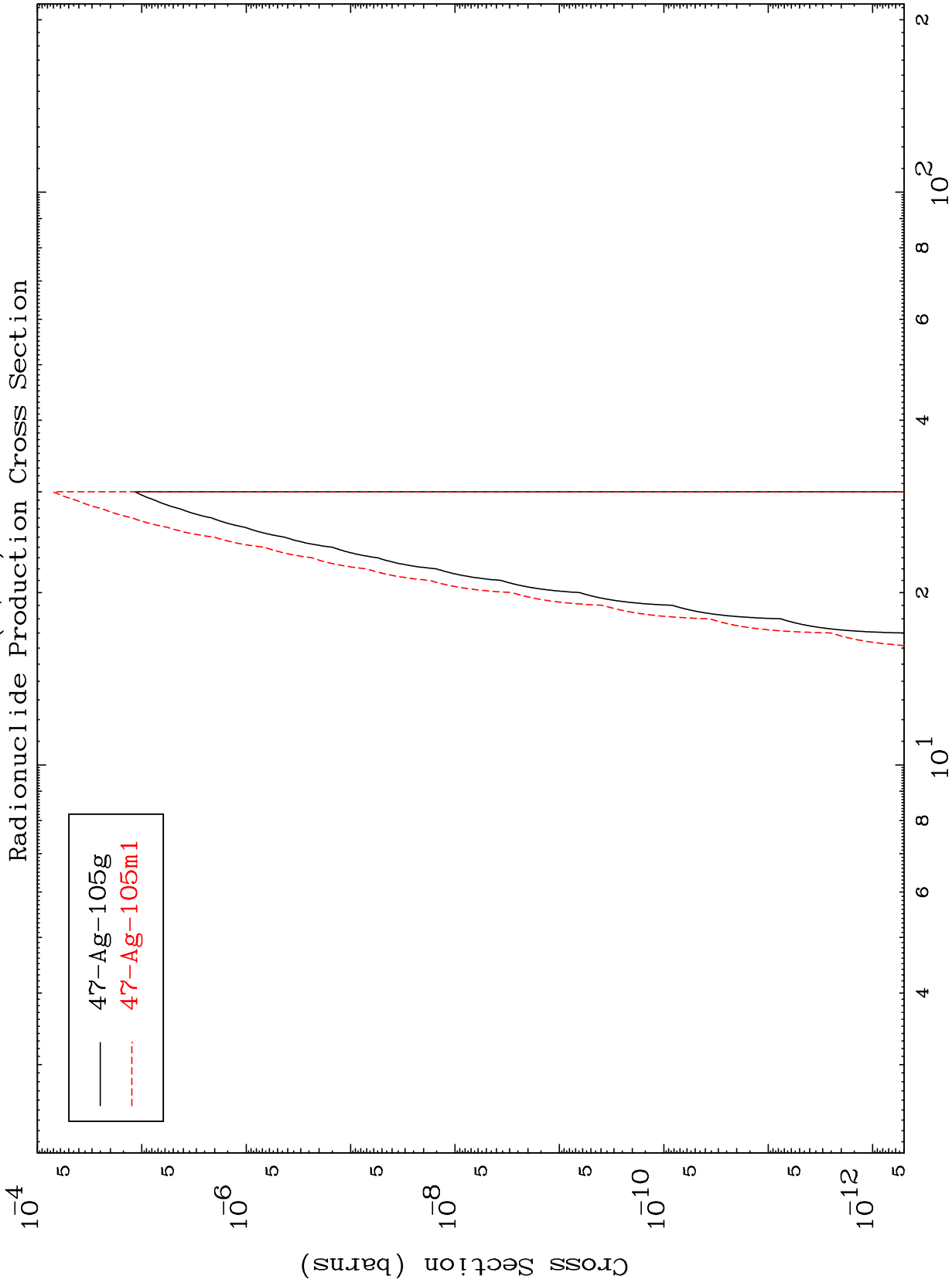
Incident Energy (MeV)

51-Sb-113

MAT 5101

(n,n') 2 α

51-Sb-113



98

51-Sb-113

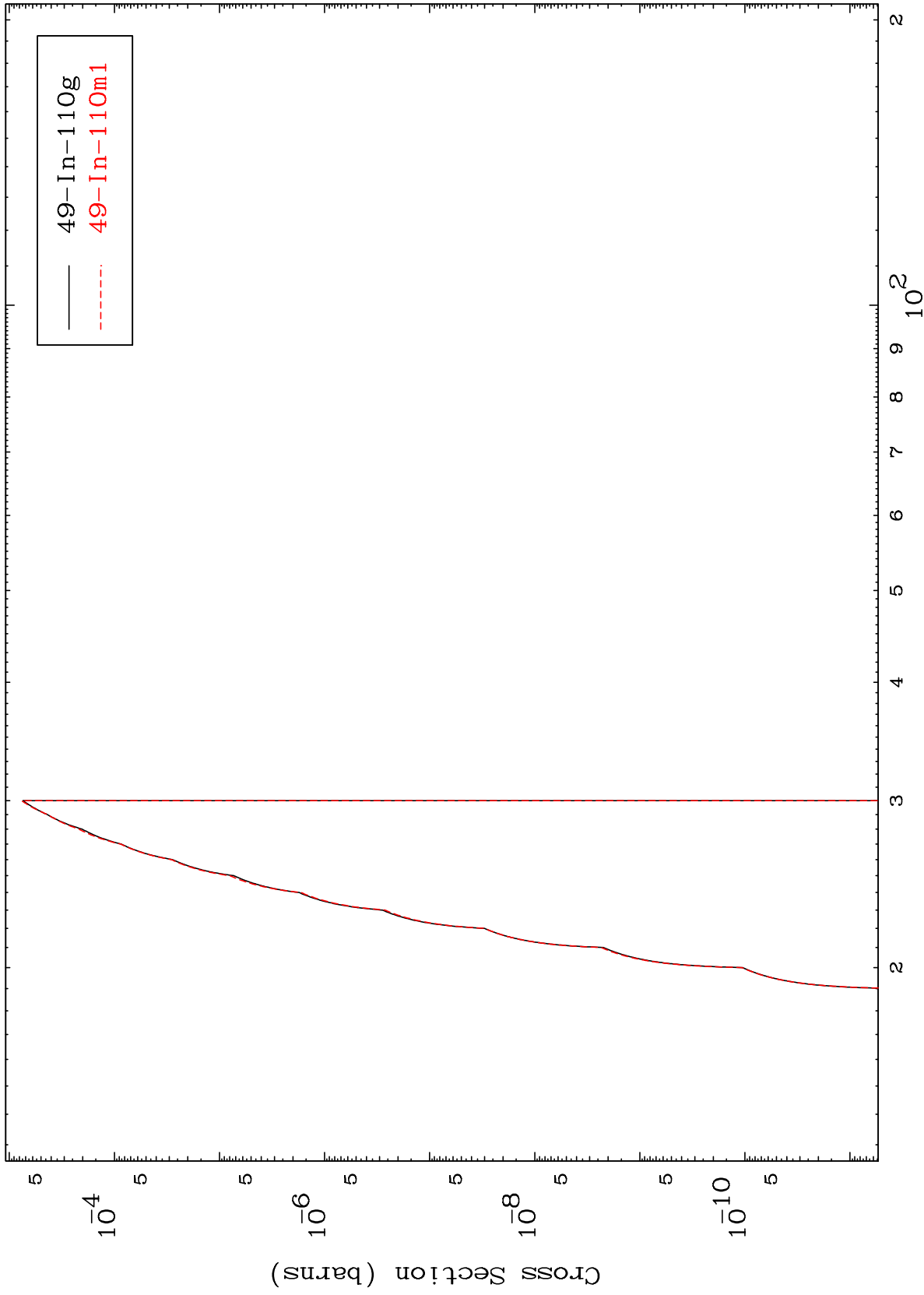
51-Sb-113

MAT 5101

(n, n') He-3

51-Sb-113

Radionuclide Production Cross Section



99

Incident Energy (MeV)

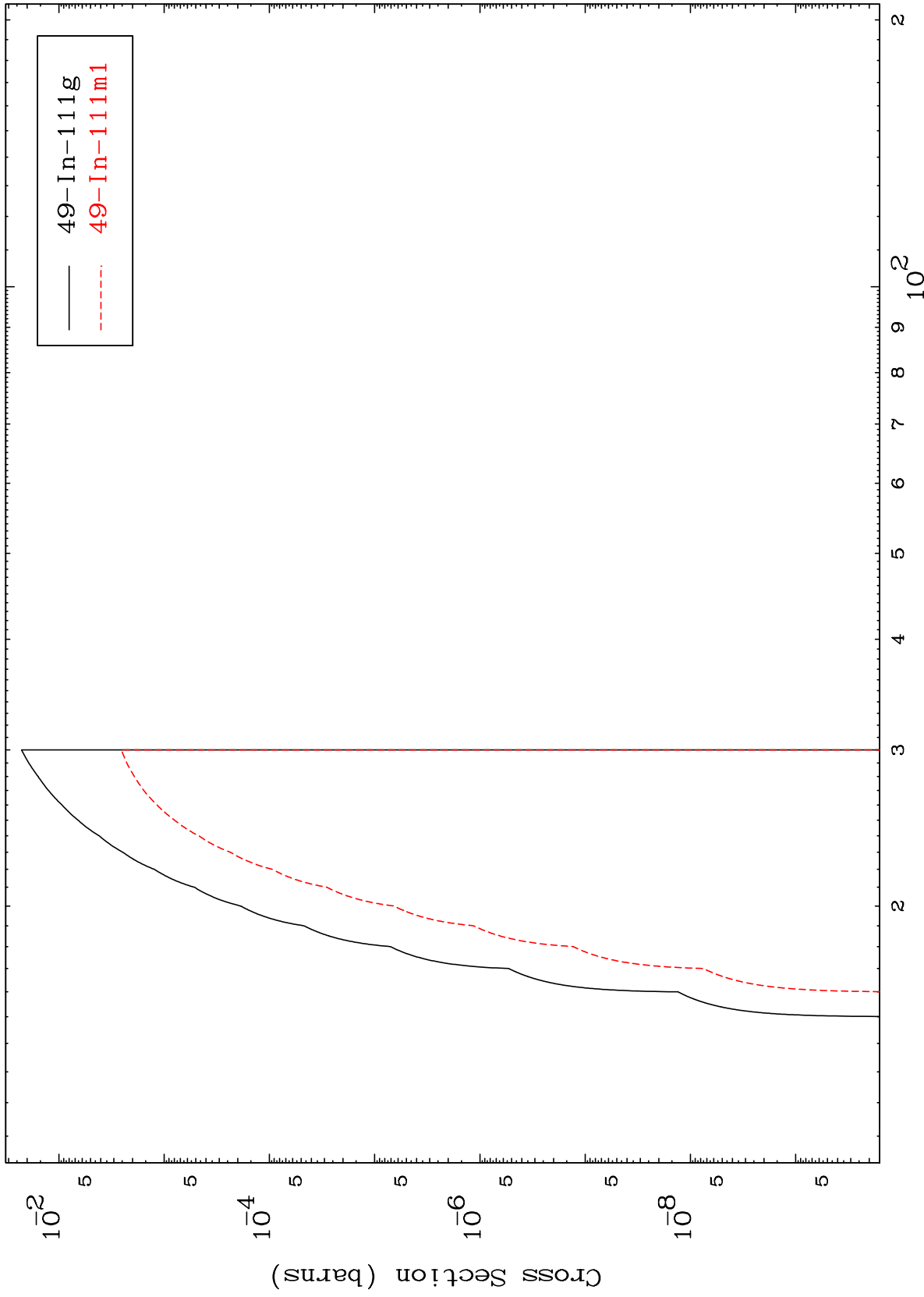
51-Sb-113

MAT 5101

(n,2n) p

51-Sb-113

Radionuclide Production Cross Section



100

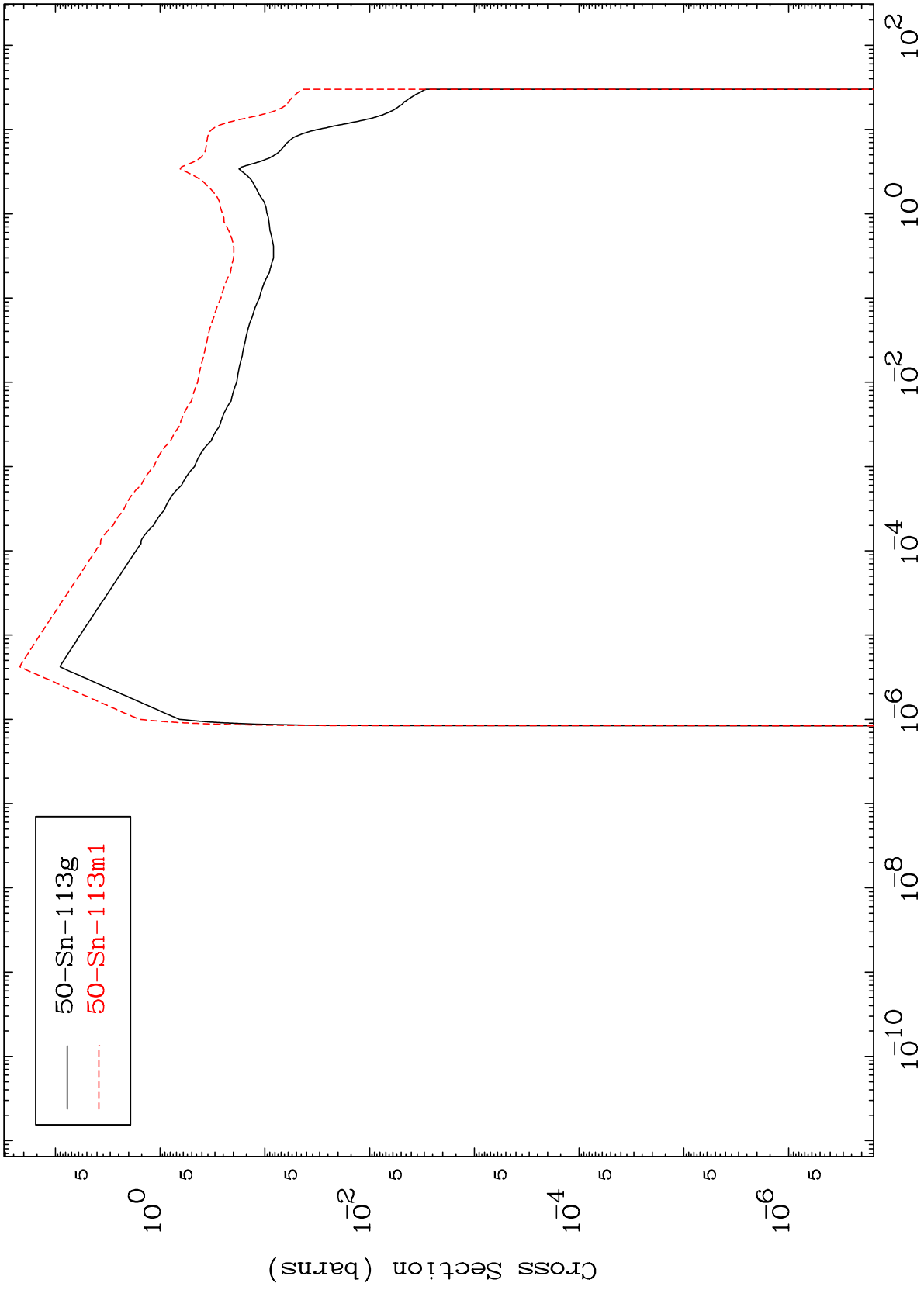
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

Radionuclide Production Cross Section (n,p)



101

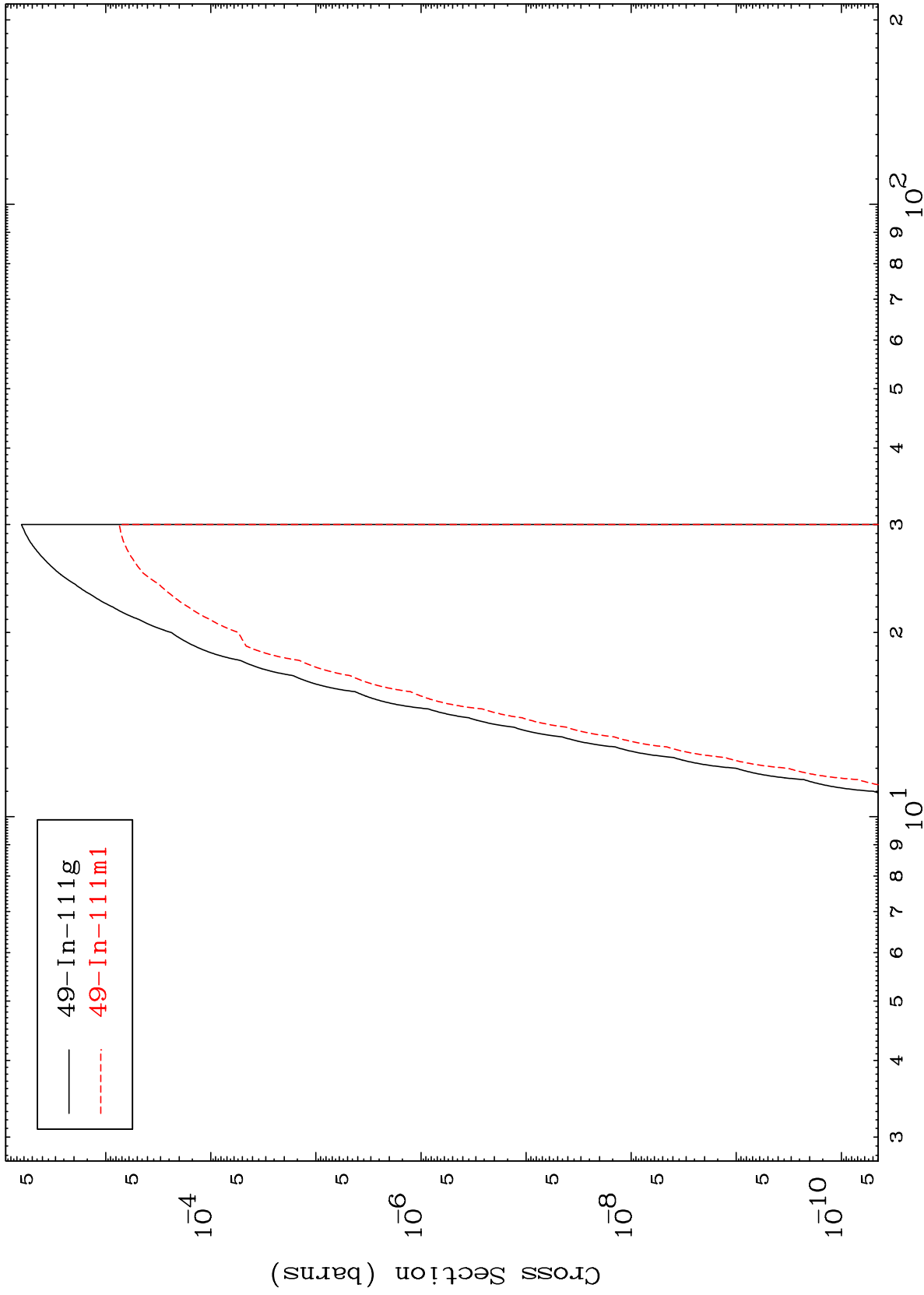
51-Sb-113

MAT 5101

(n,He-3)

51-Sb-113

Radionuclide Production Cross Section



102

Incident Energy (MeV)

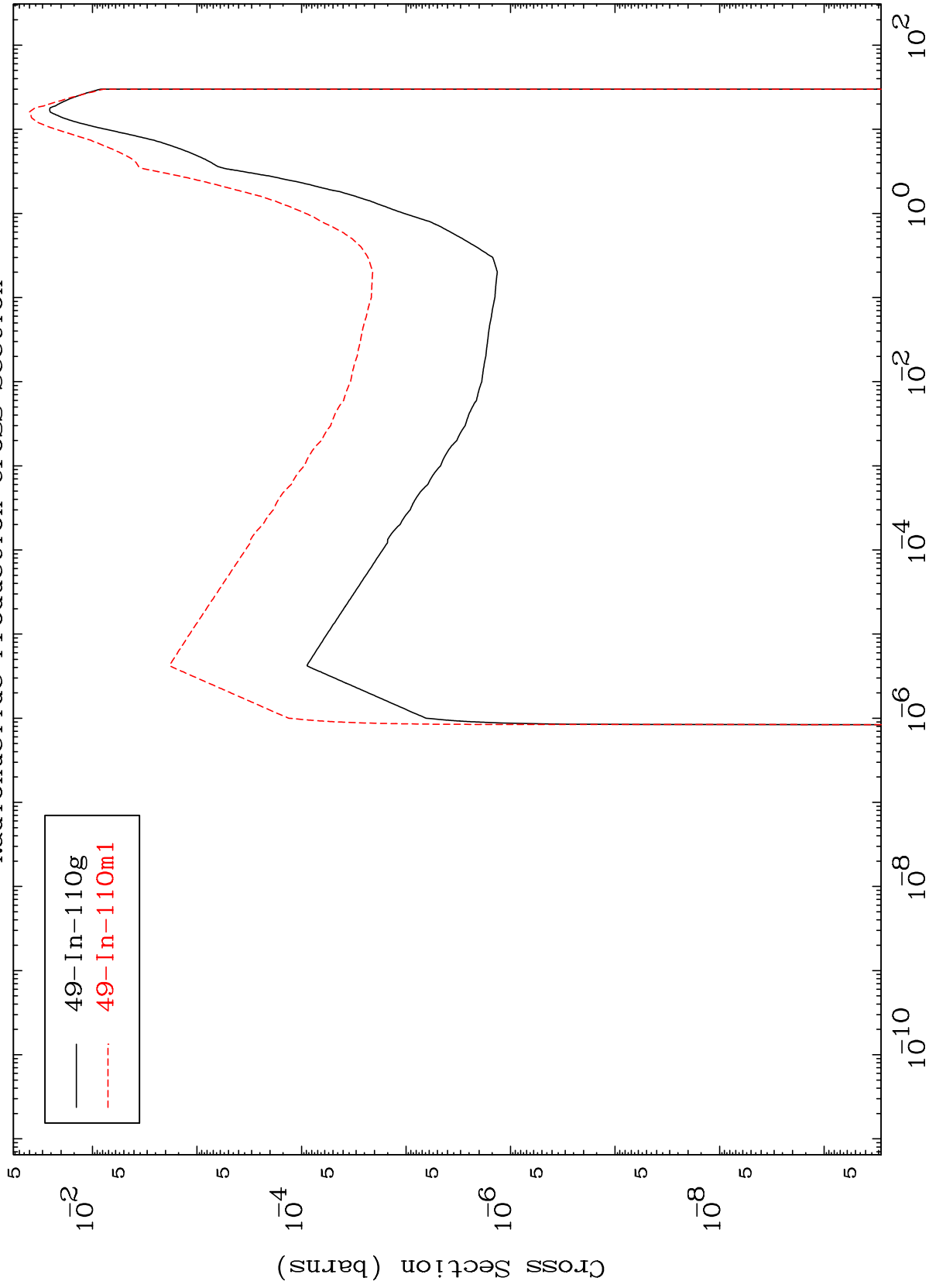
51-Sb-113

MAT 5101

(n, α)

51-Sb-113

Radionuclide Production Cross Section



103

Incident Energy (MeV)

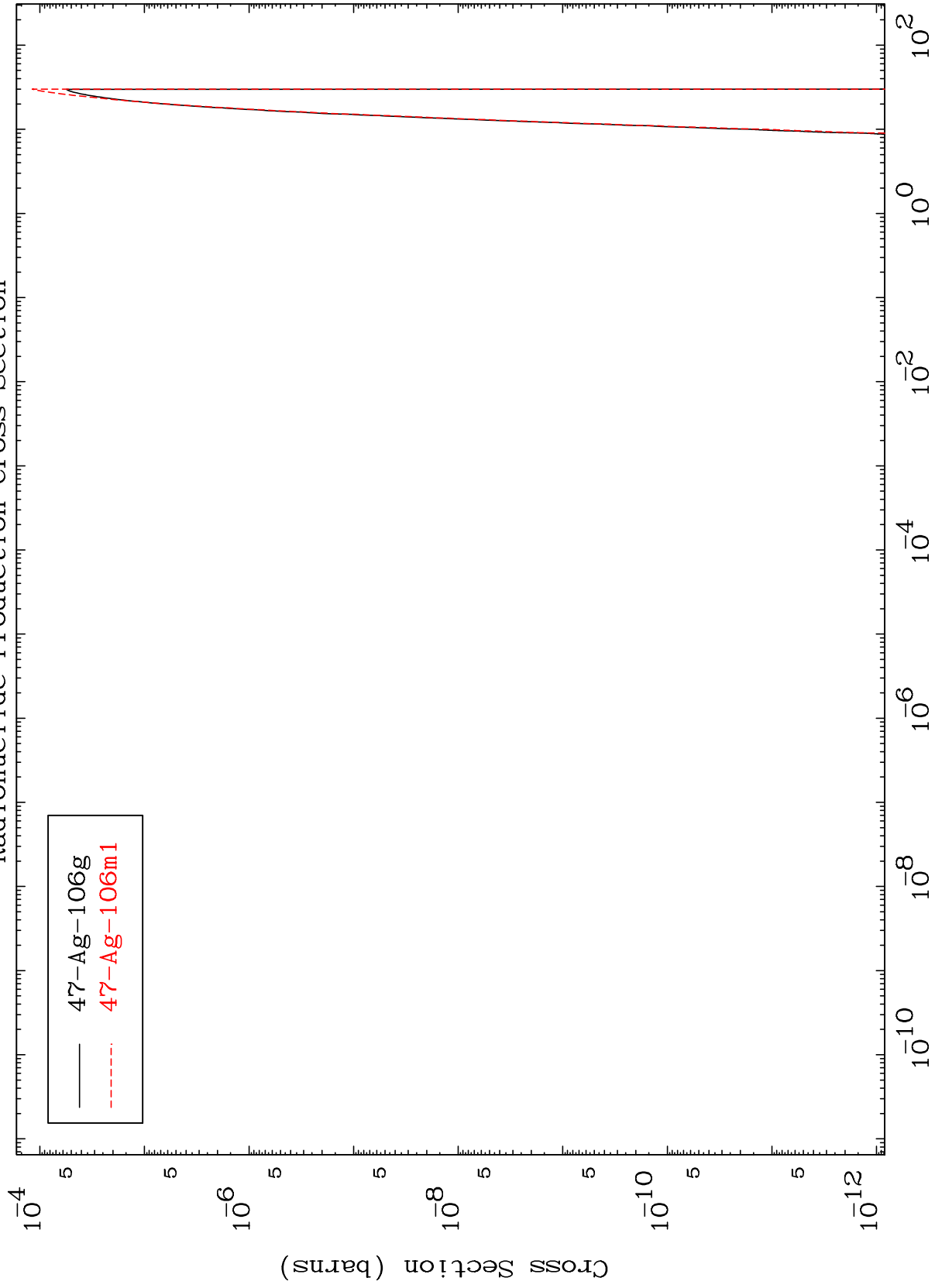
51-Sb-113

MAT 5101

(n,2α)

51-Sb-113

Radionuclide Production Cross Section



104

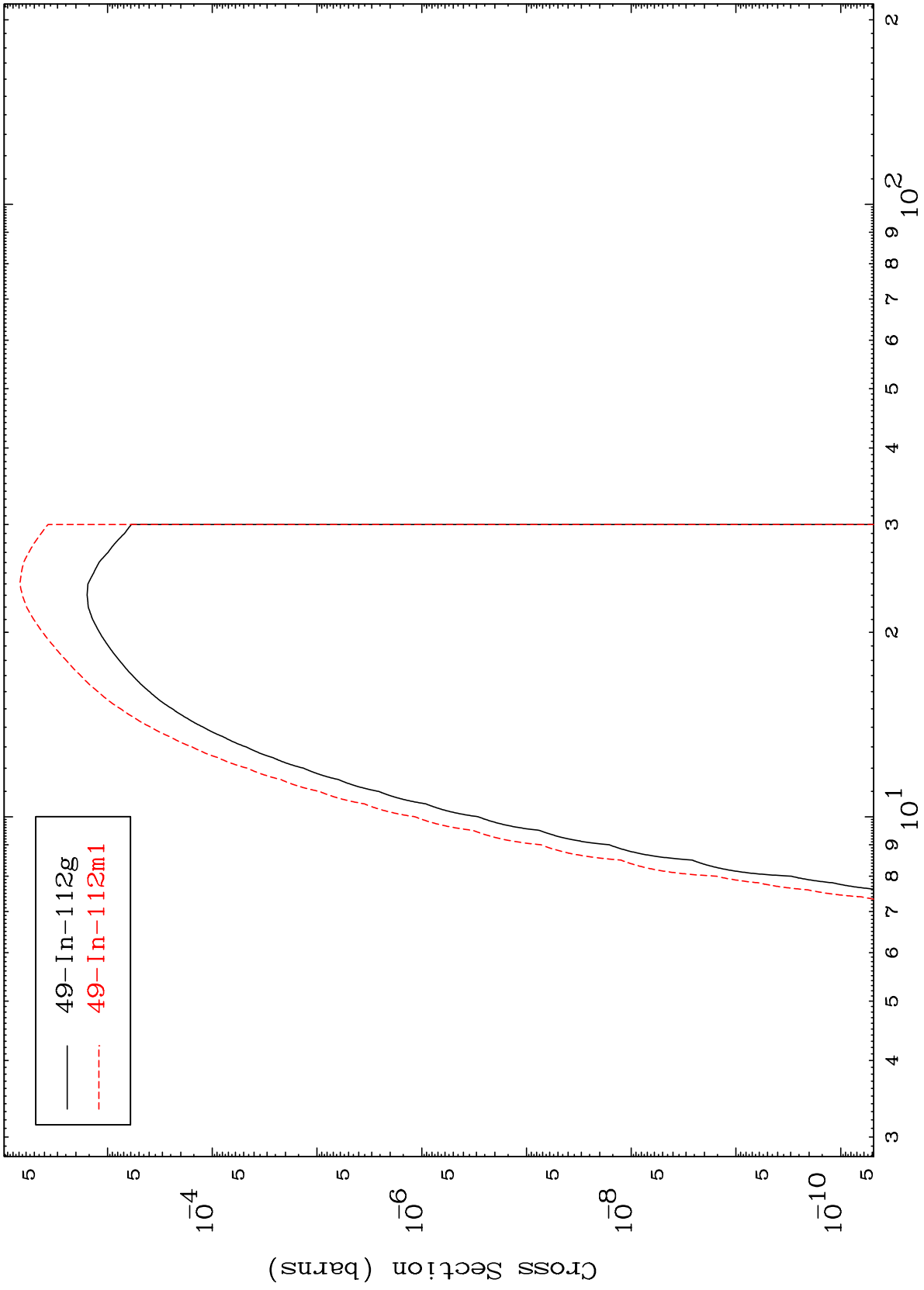
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

(n,2p)
Radionuclide Production Cross Section



105

Incident Energy (MeV)

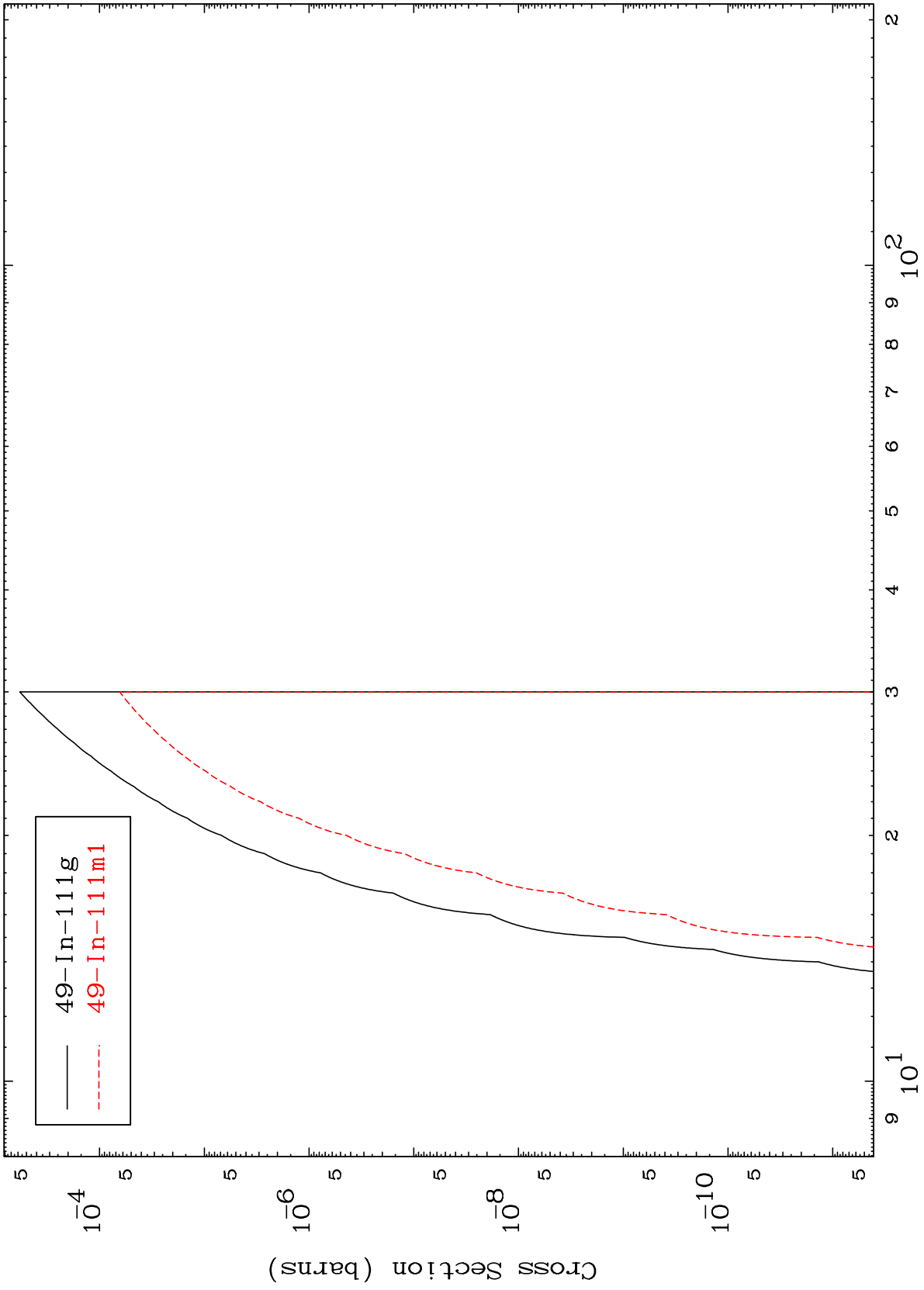
51-Sb-113

MAT 5101

(n,p) d

51-Sb-113

Radionuclide Production Cross Section



106

Incident Energy (MeV)

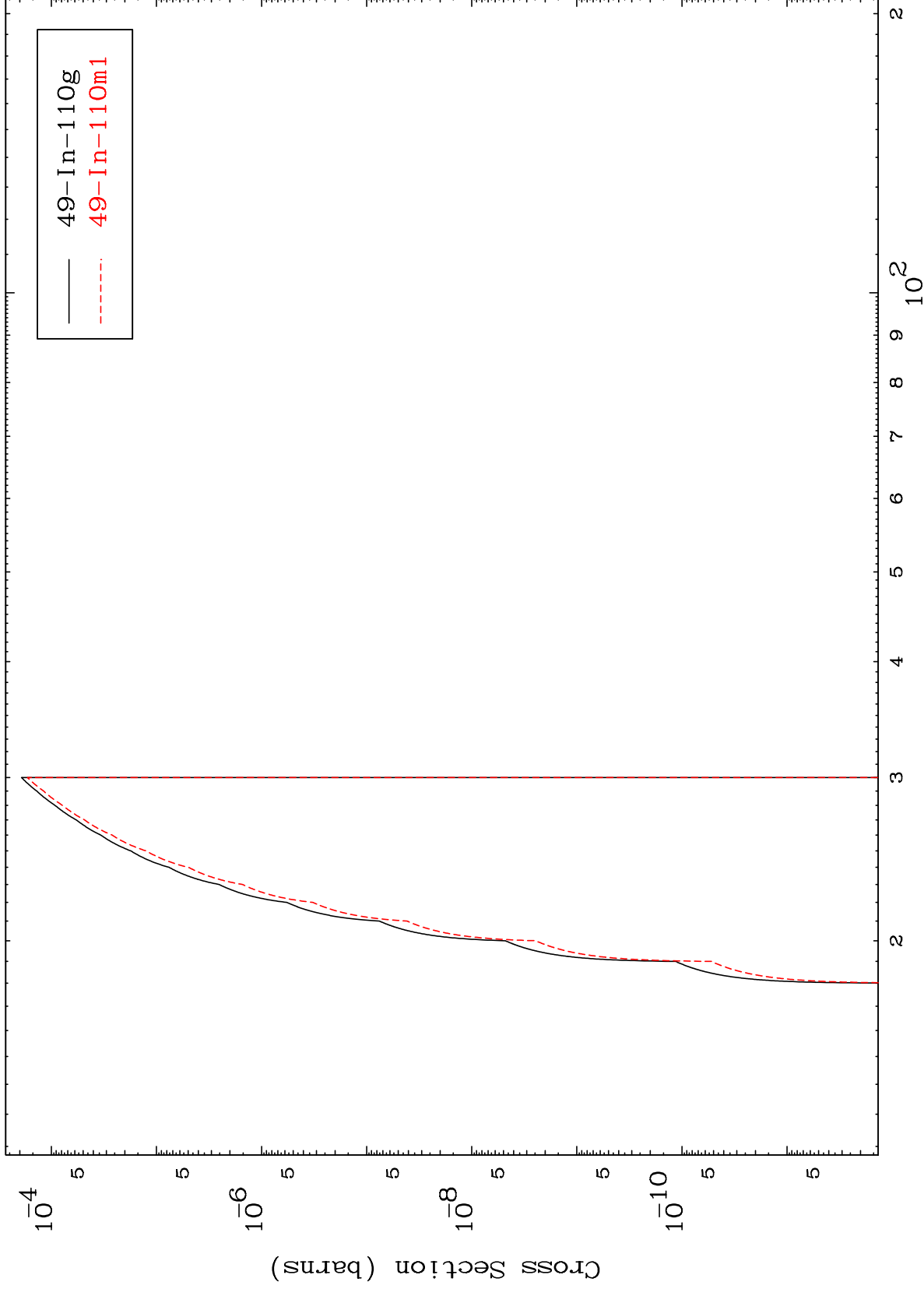
51-Sb-113

MAT 5101

(n,p) t

51-Sb-113

Radionuclide Production Cross Section



107

Incident Energy (MeV)

51-Sb-113