

Program EVALPLOT
(Version 2018-1)

by

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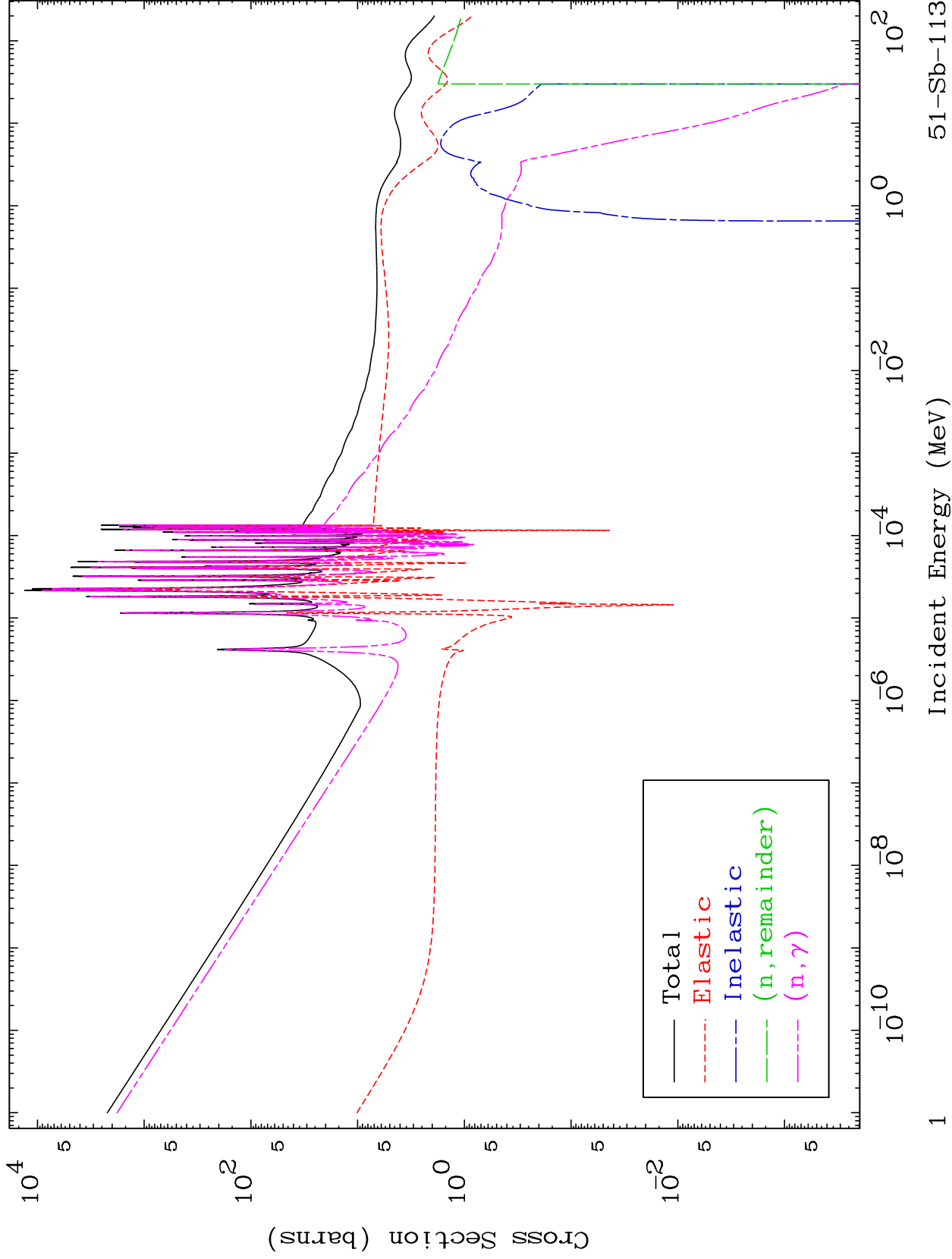
Press Mouse Button to Start

MAT 5101

Major

293 Kelvin Cross Sections

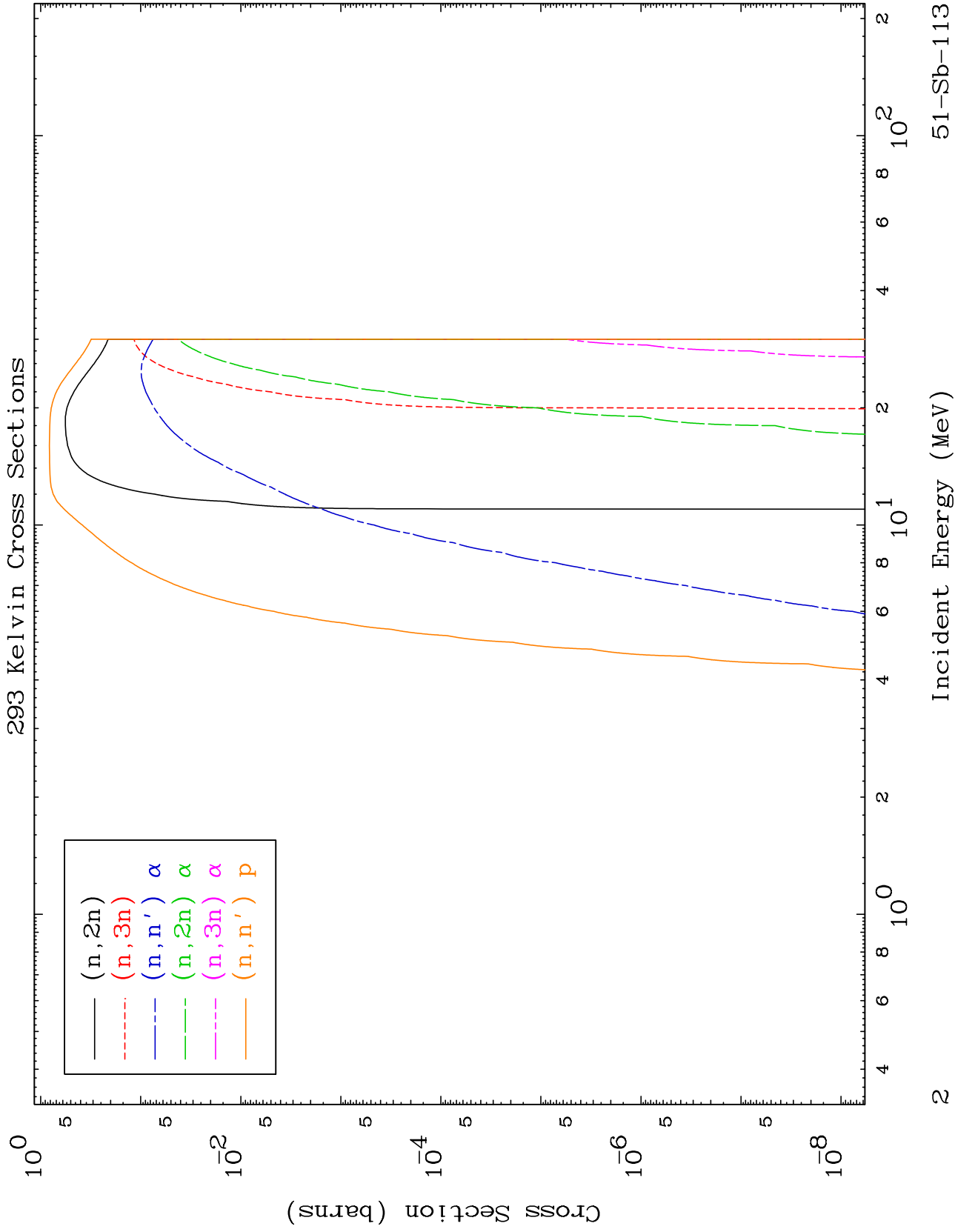
51-Sb-113



MAT 5101

Neutron Production
293 Kelvin Cross Sections

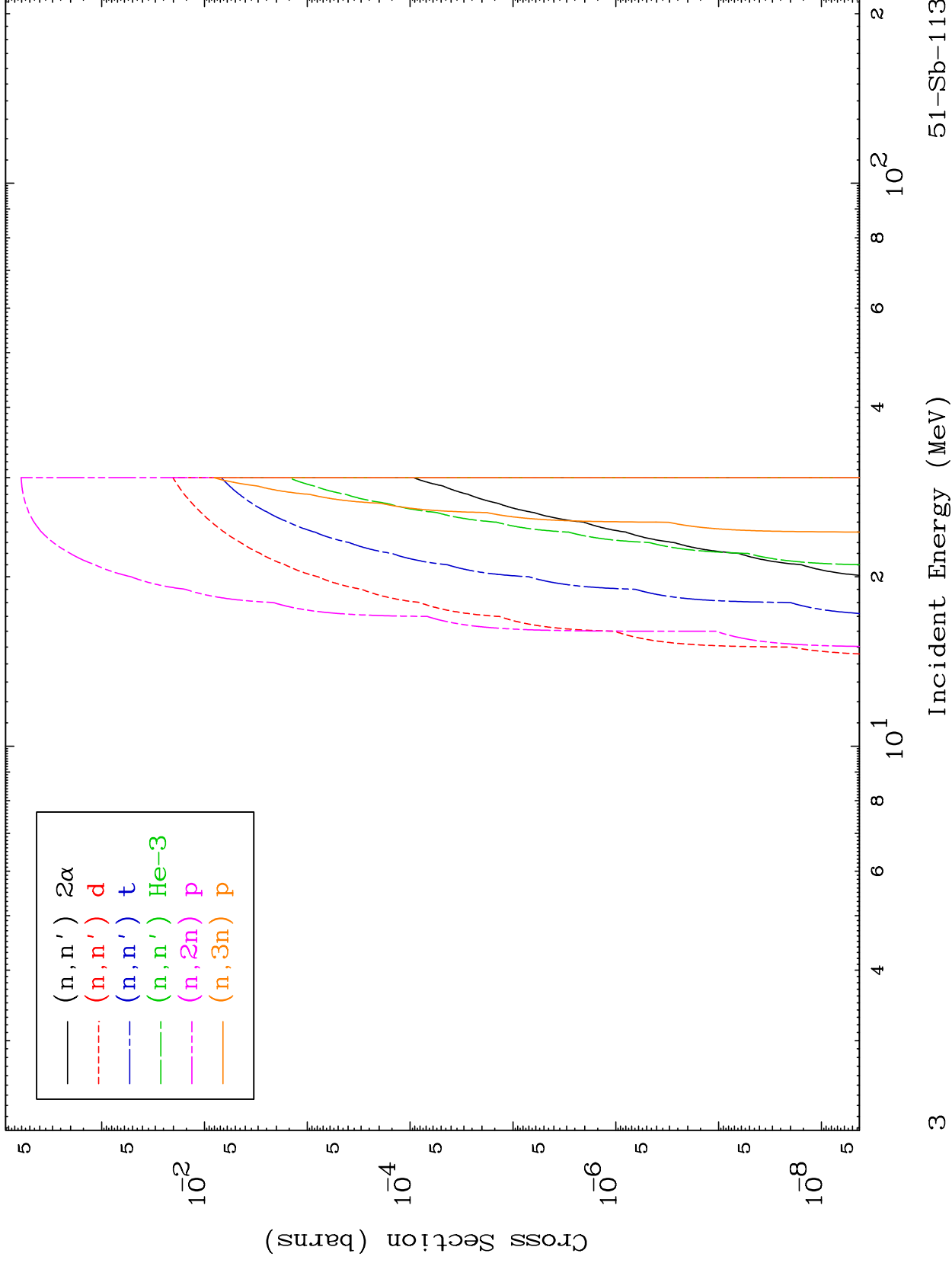
51-Sb-113



2

Incident Energy (MeV)

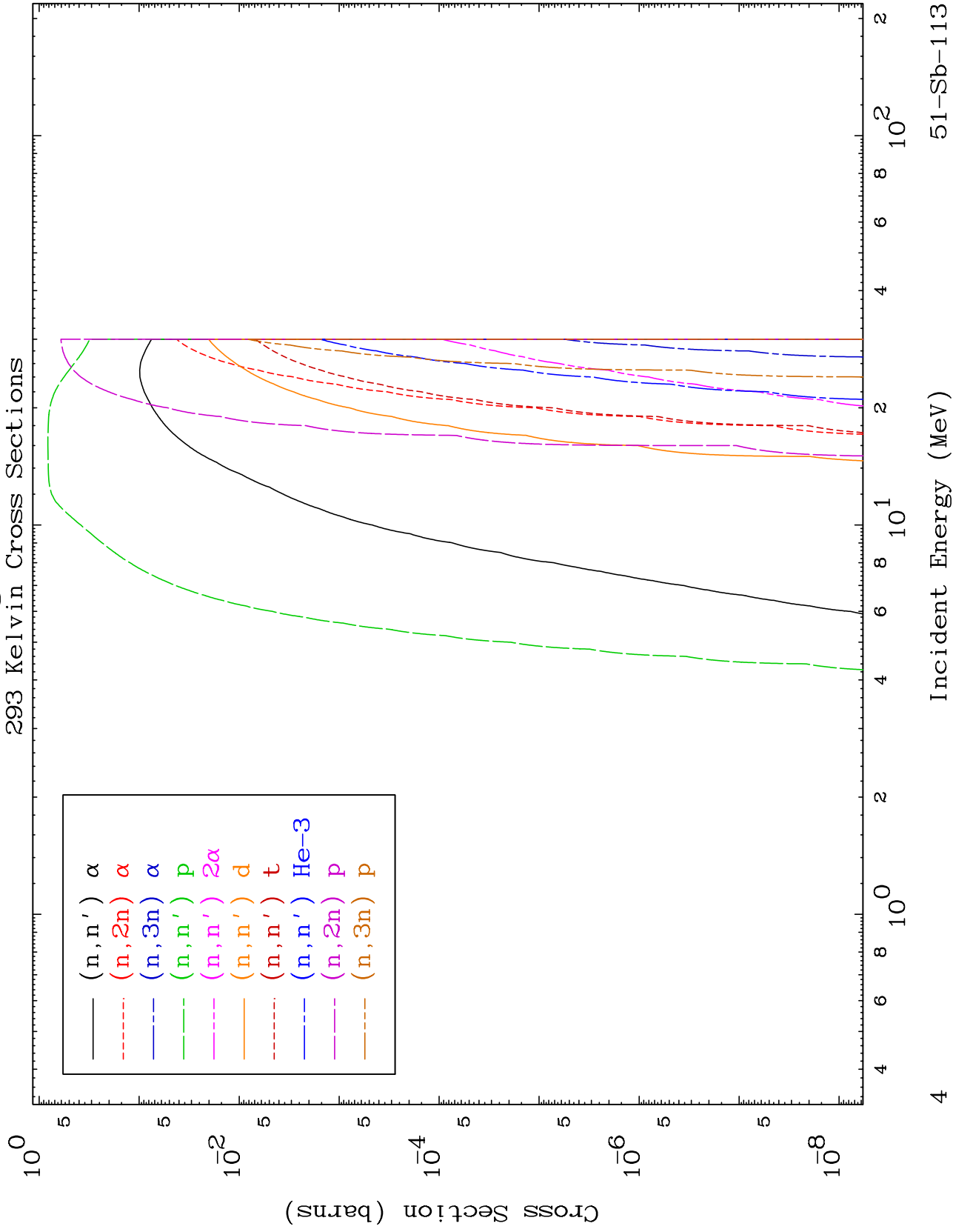
51-Sb-113



MAT 5101

Charged Particle

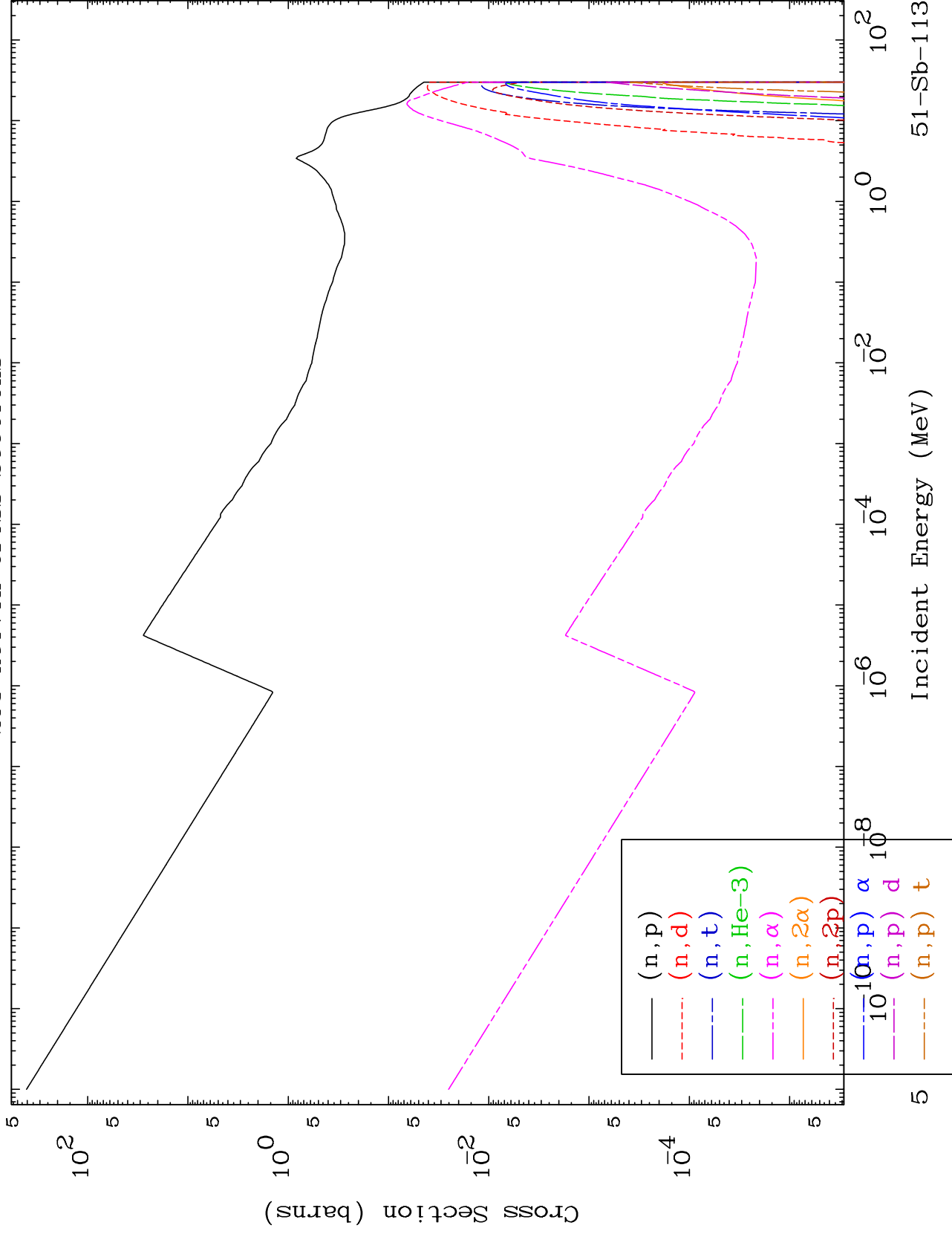
51-Sb-113



MAT 5101

Charged Particle
293 Kelvin Cross Sections

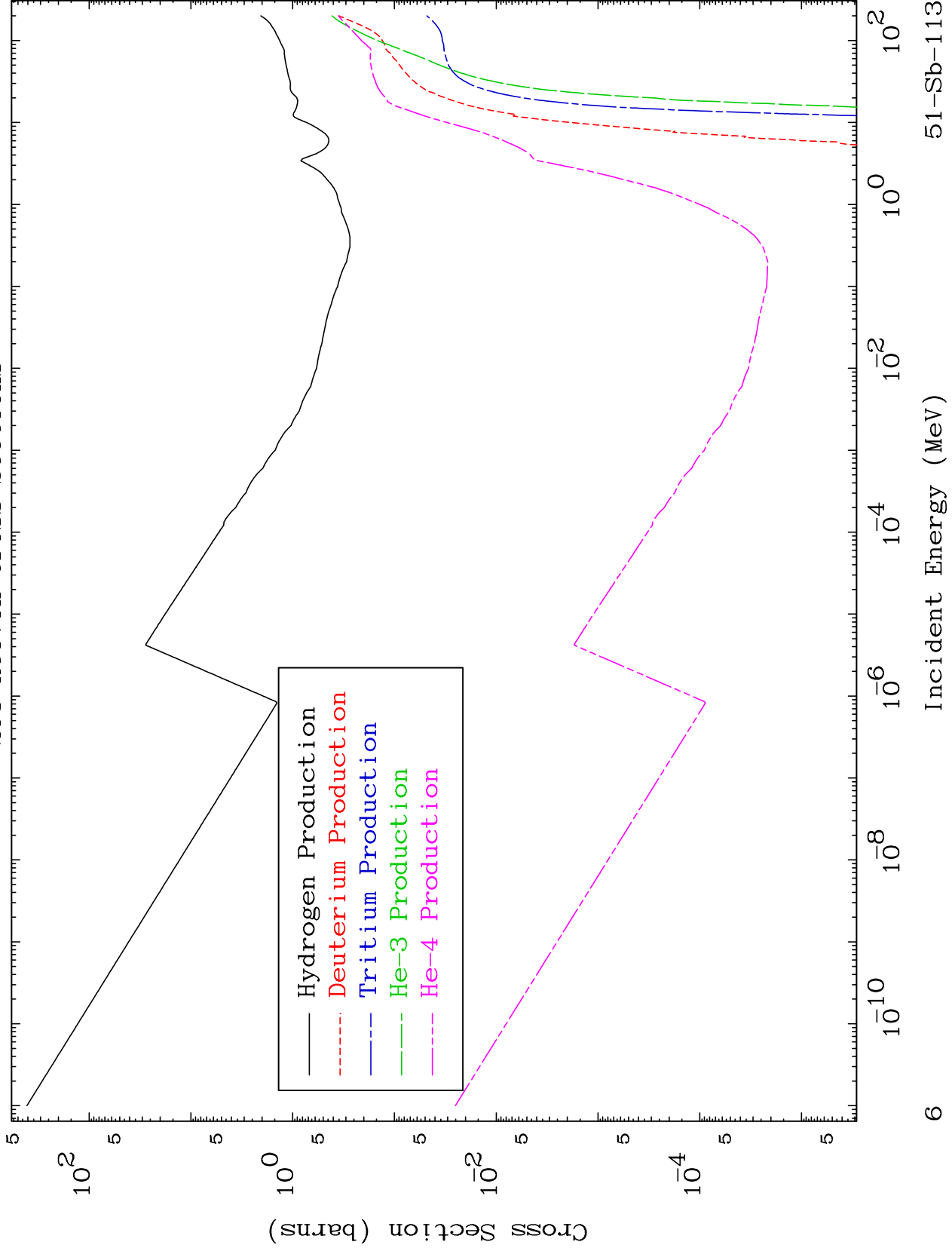
51-Sb-113



MAT 5101

Particle Production
293 Kelvin Cross Sections

51-Sb-113

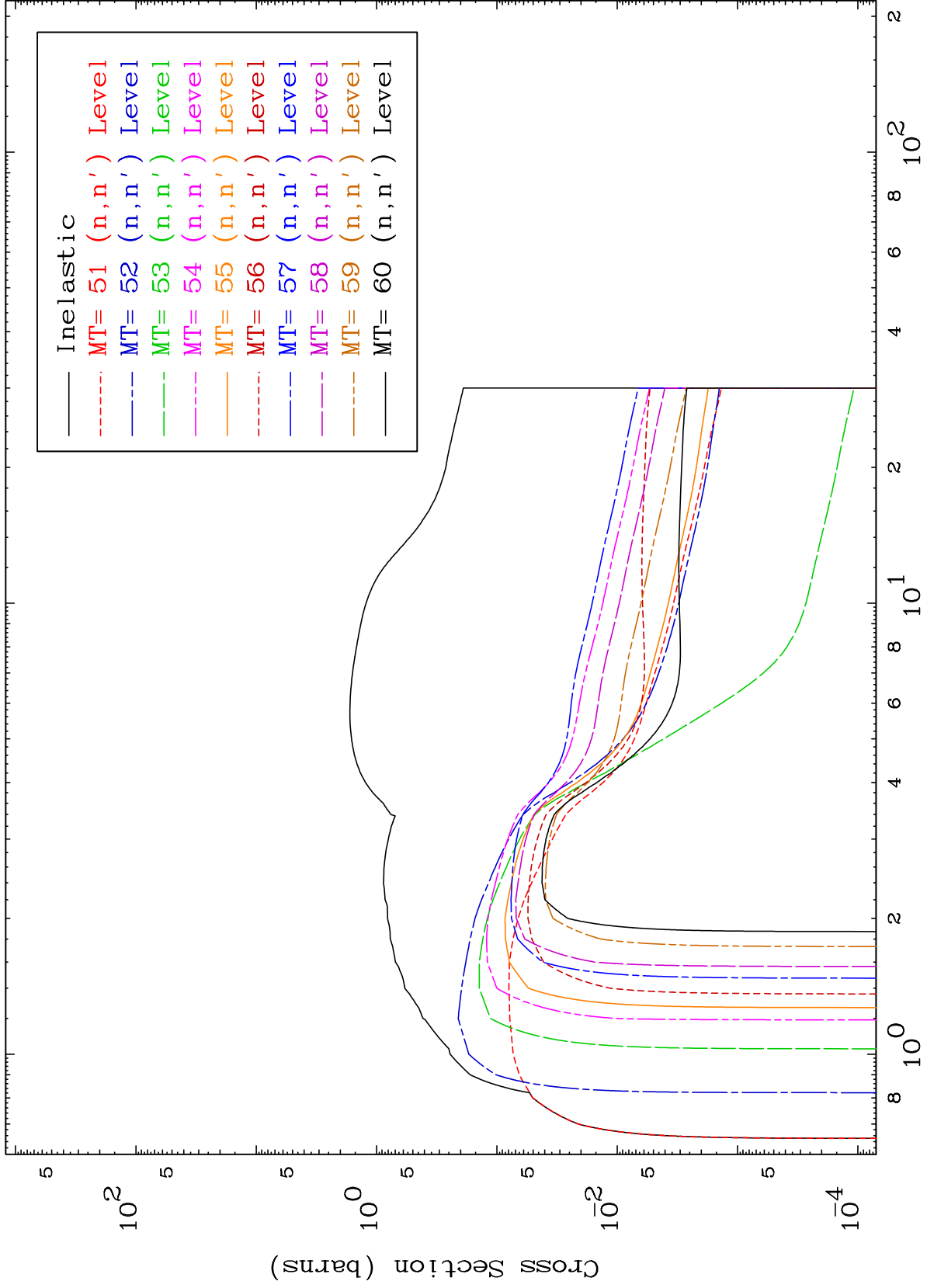


MAT 5101

(n,n') Level

51-Sb-113

293 Kelvin Cross Sections



7

Incident Energy (MeV)

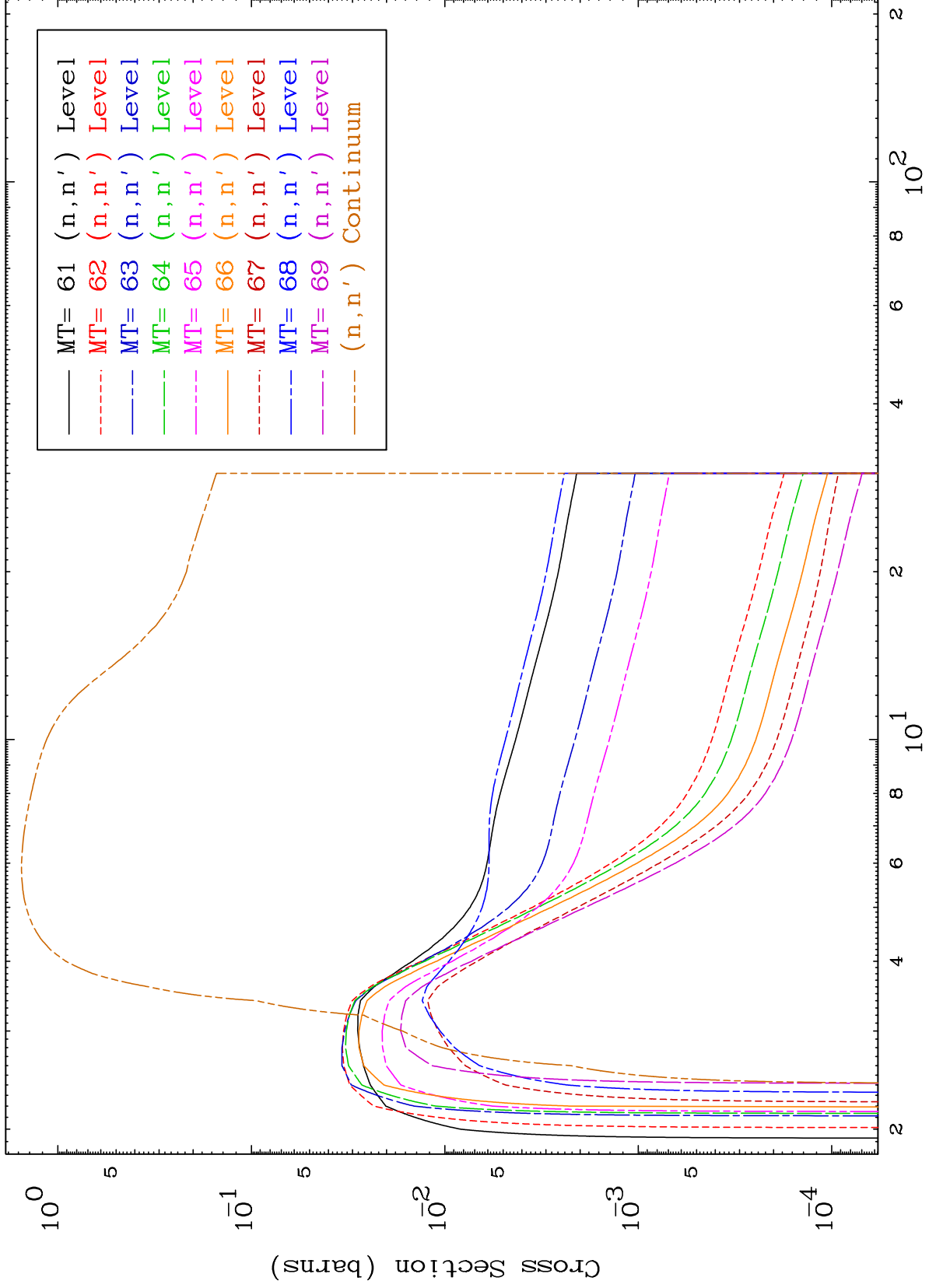
51-Sb-113

MAT 5101

(n,n') Level

51-Sb-113

293 Kelvin Cross Sections



8

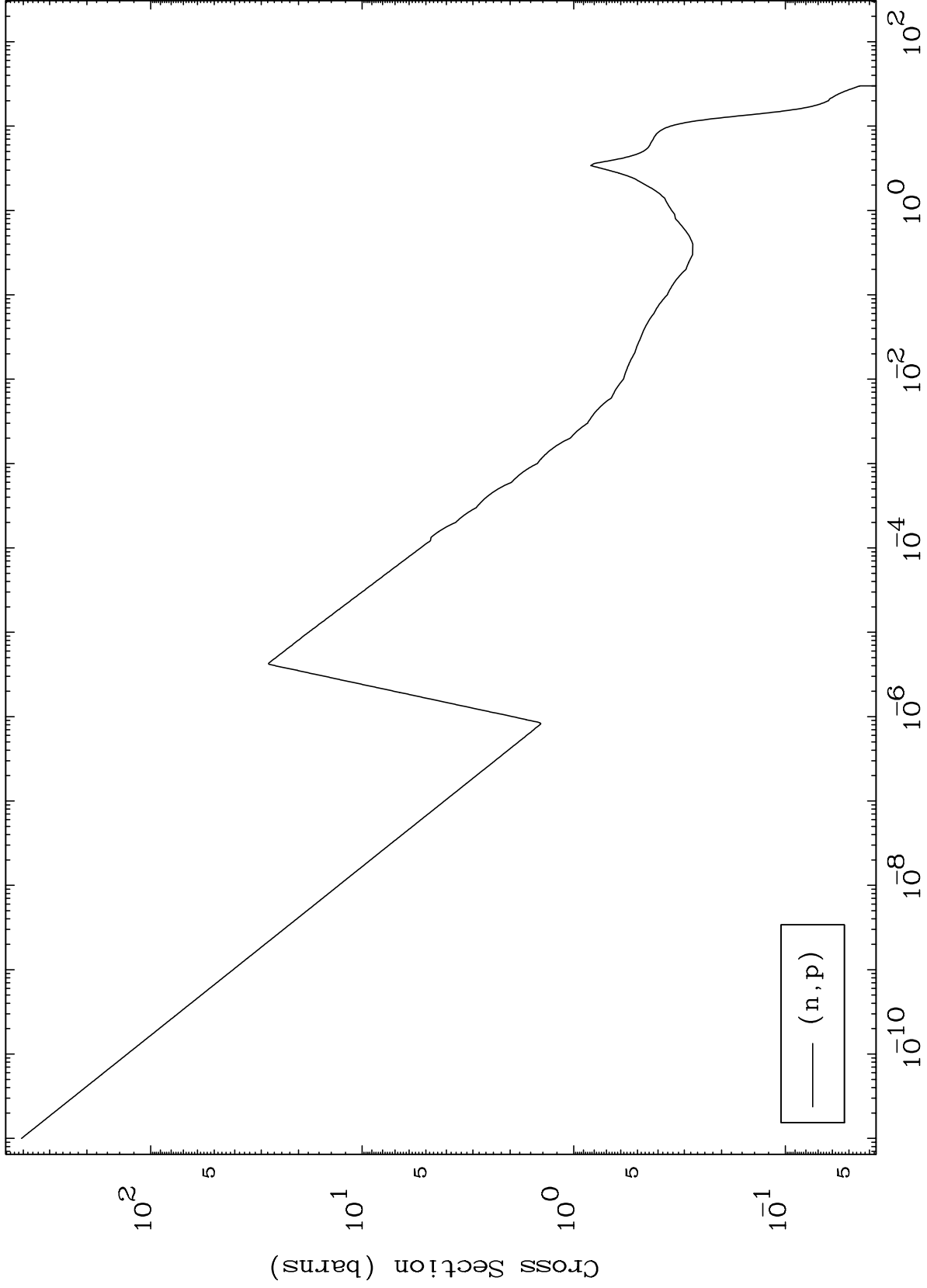
Incident Energy (MeV)

51-Sb-113

MAT 5101

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-113

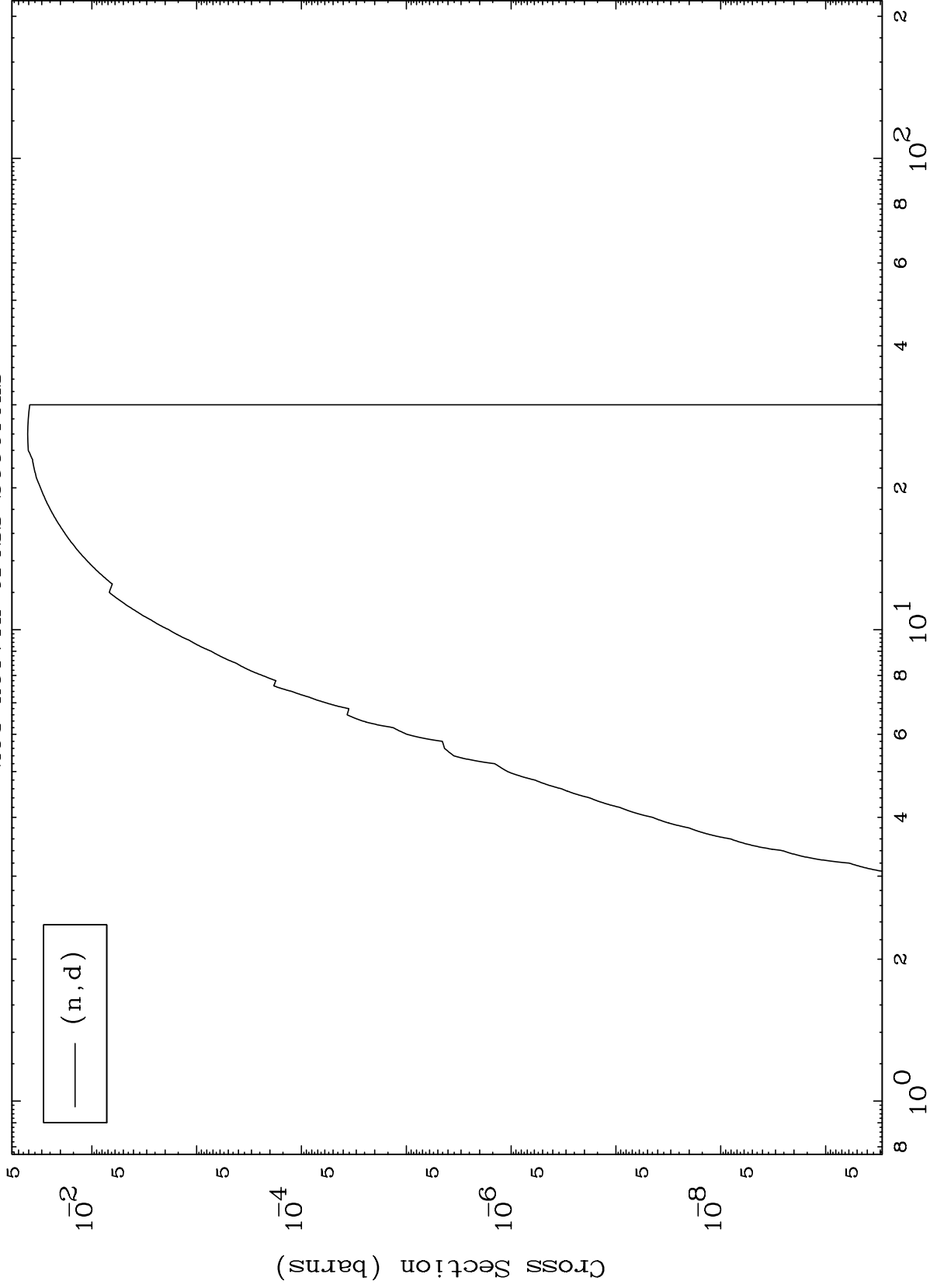


— (n,p)

MAT 5101

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-113



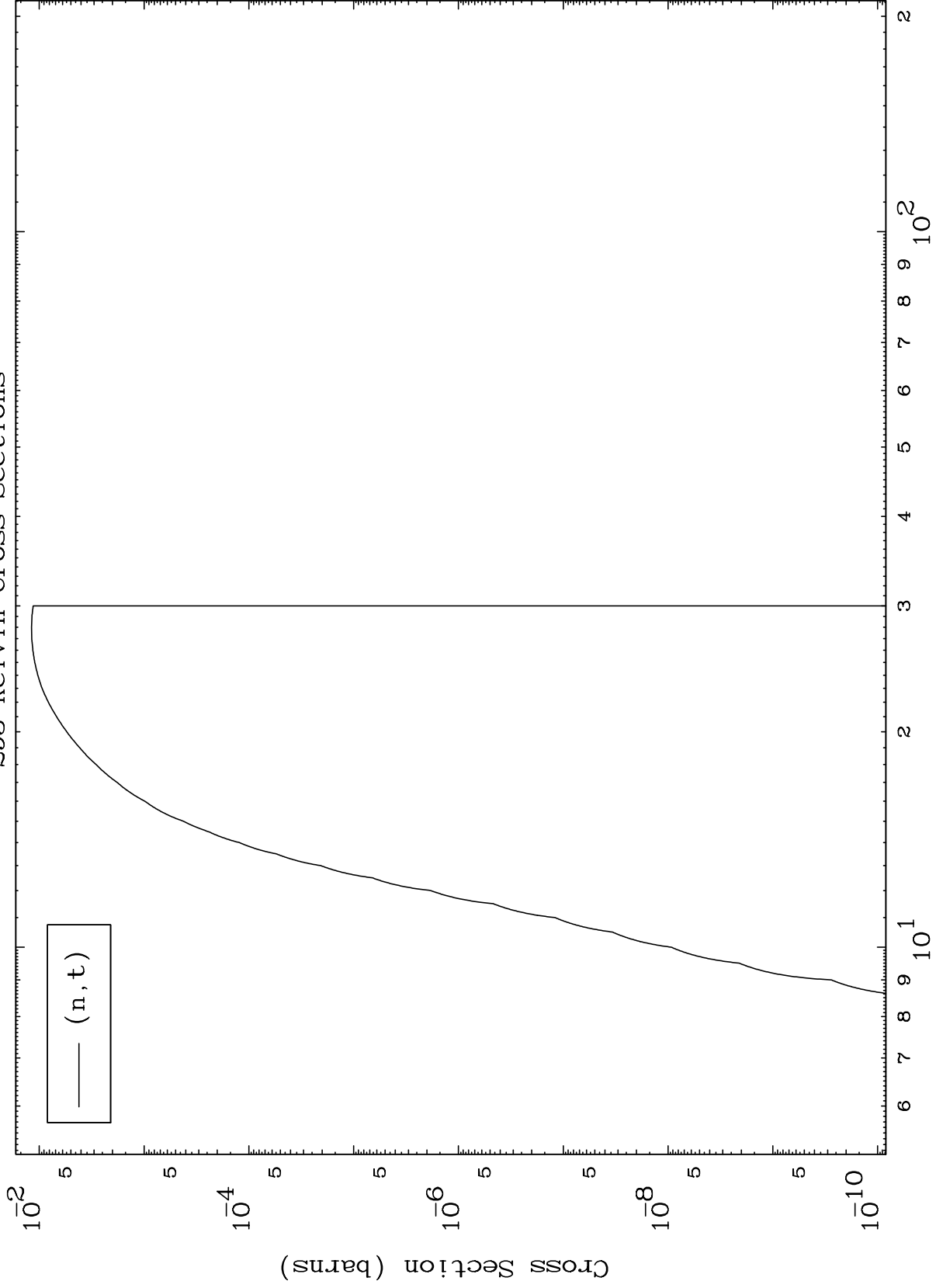
Incident Energy (MeV)

51-Sb-113

MAT 5101

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-113



11

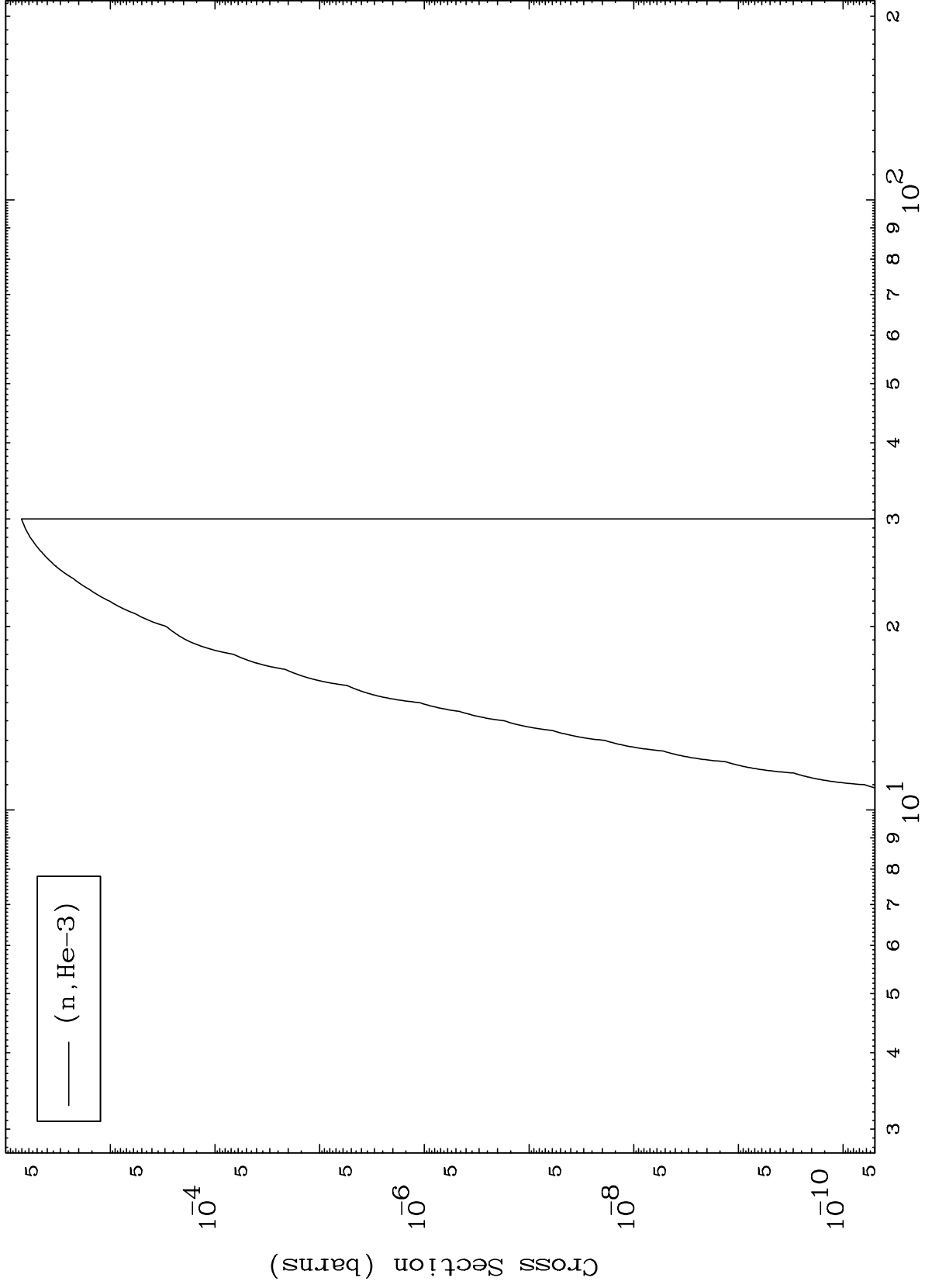
Incident Energy (MeV)

51-Sb-113

MAT 5101

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-113



12

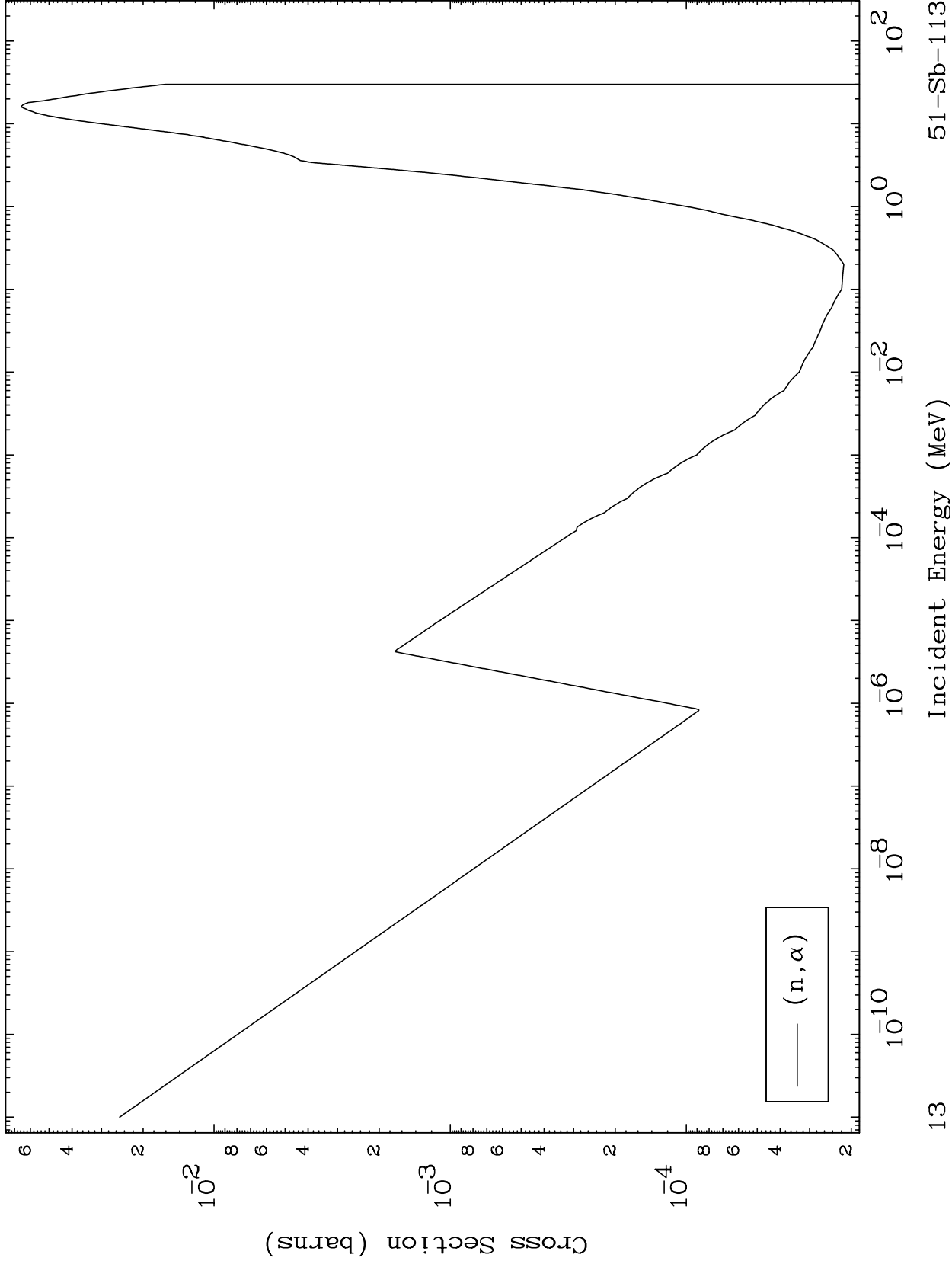
Incident Energy (MeV)

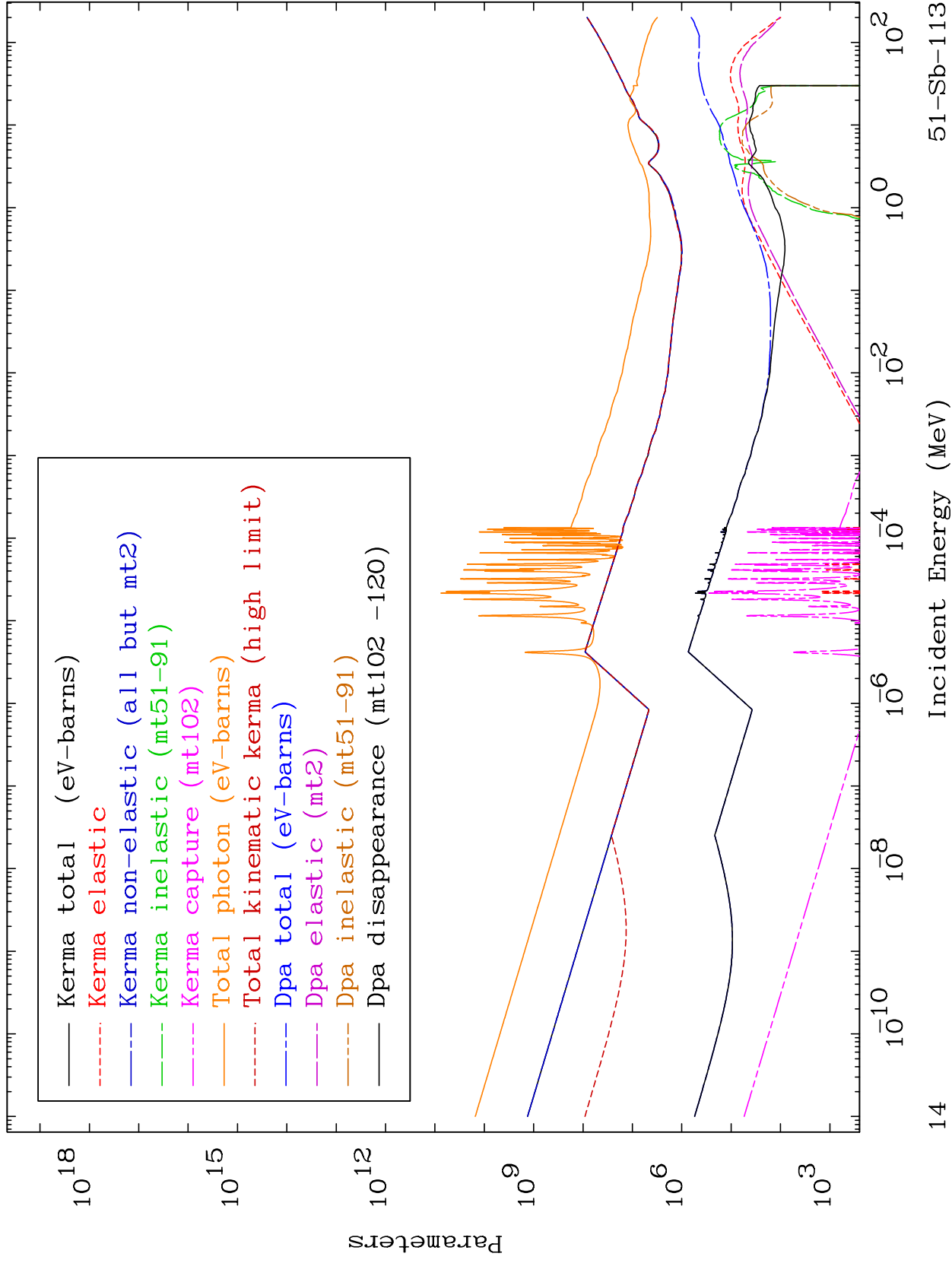
51-Sb-113

MAT 5101

(n,α) Levels
293 Kelvin Cross Sections

51-Sb-113

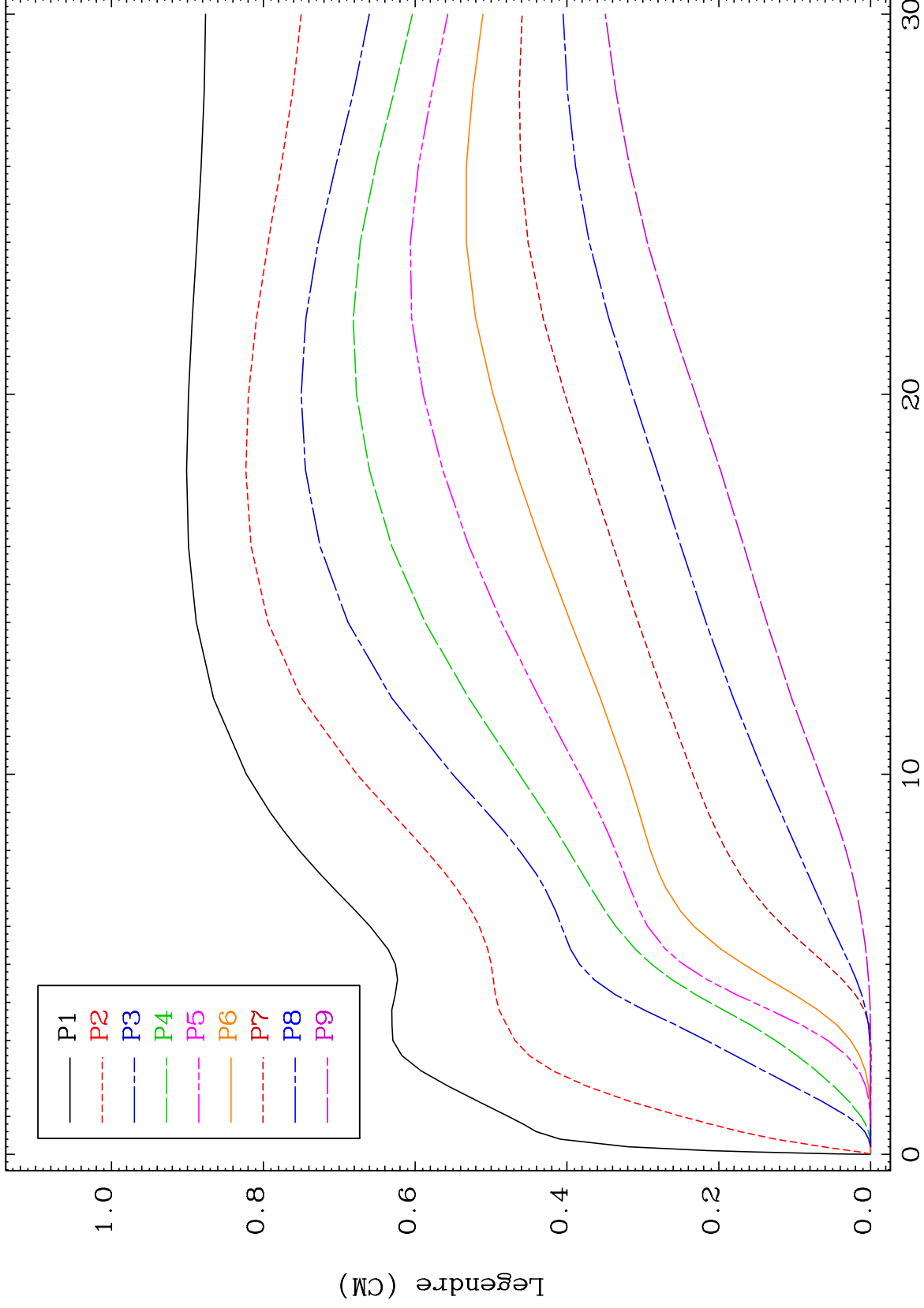




MAT 5101

Elastic Legendre Coefficients

51-Sb-113



0

15

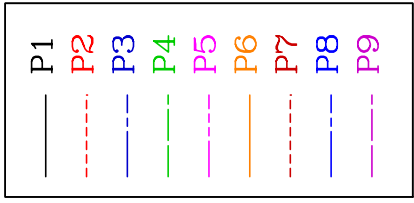
Incident Energy (MeV)

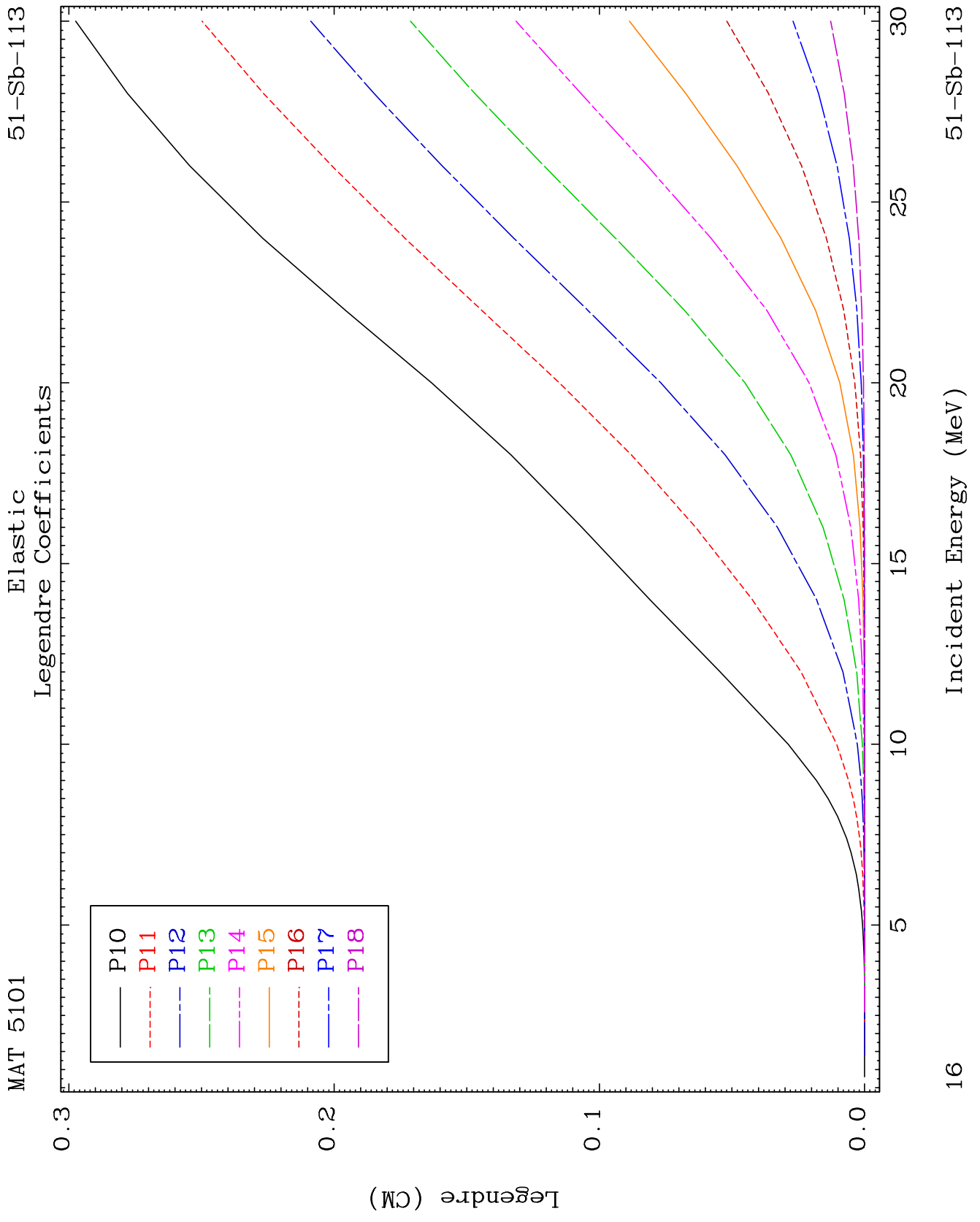
51-Sb-113

30

20

10

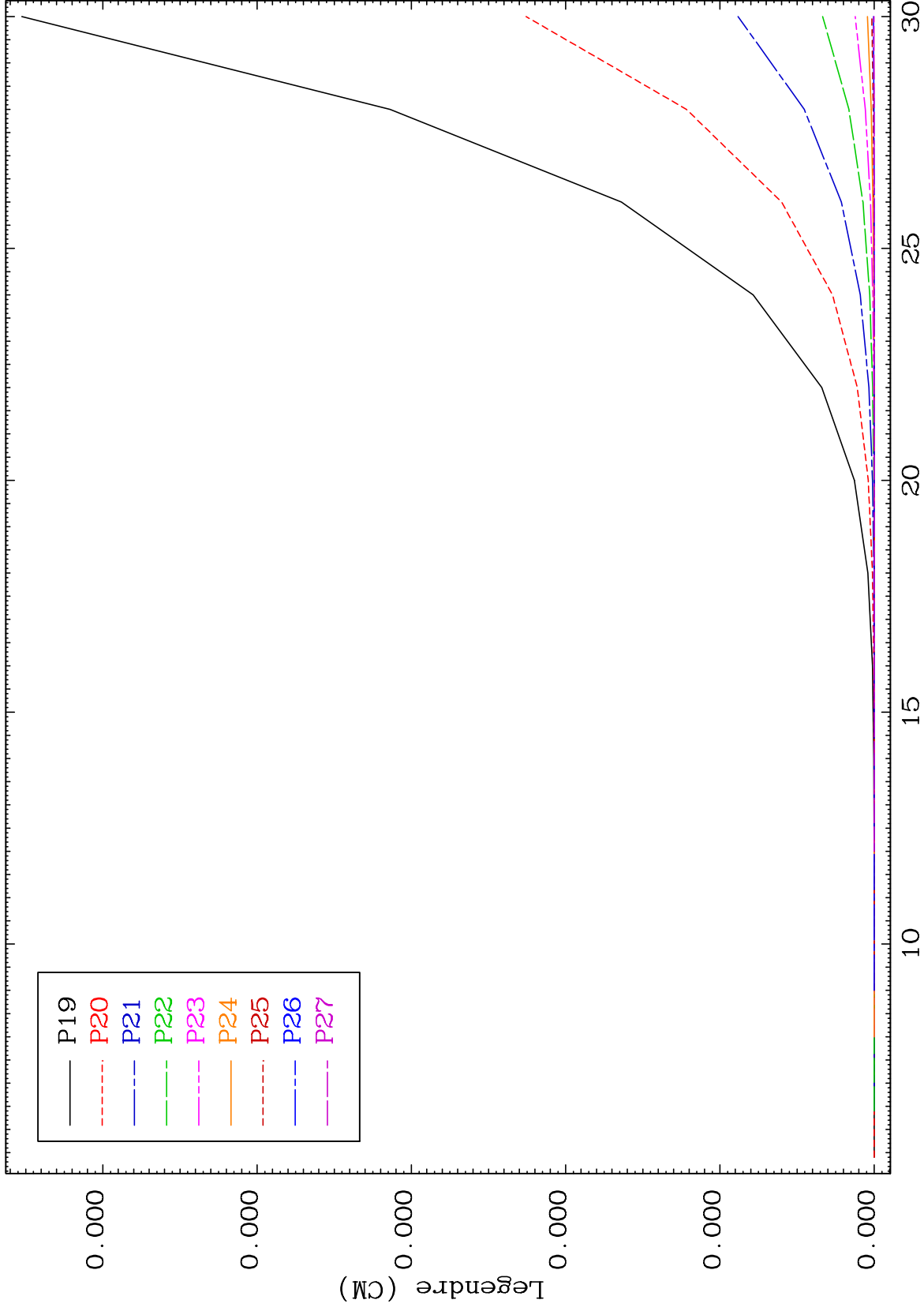




MAT 5101

Elastic Legendre Coefficients

51-Sb-113



17

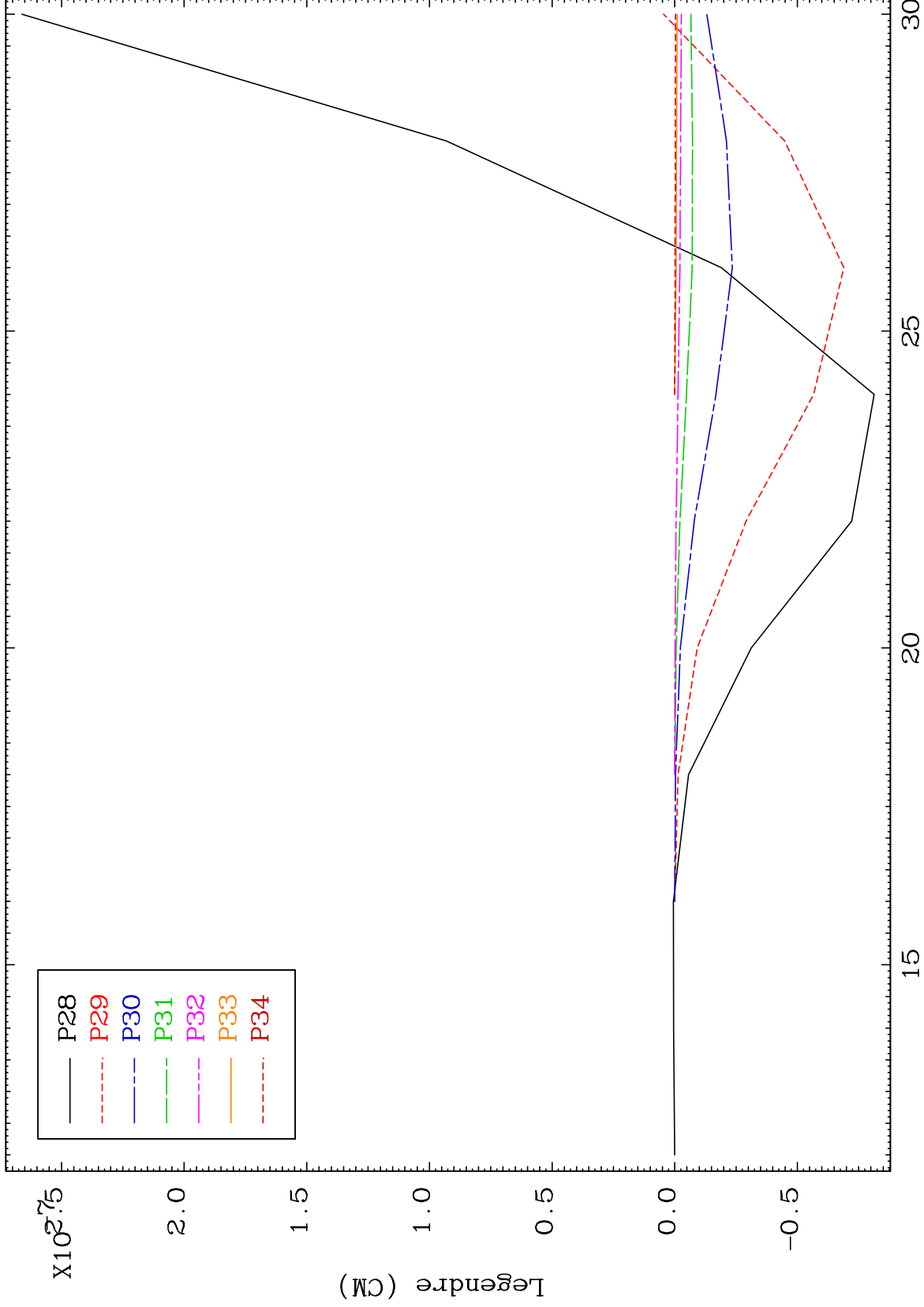
Incident Energy (MeV)

51-Sb-113

MAT 5101

Elastic Legendre Coefficients

51-Sb-113



18

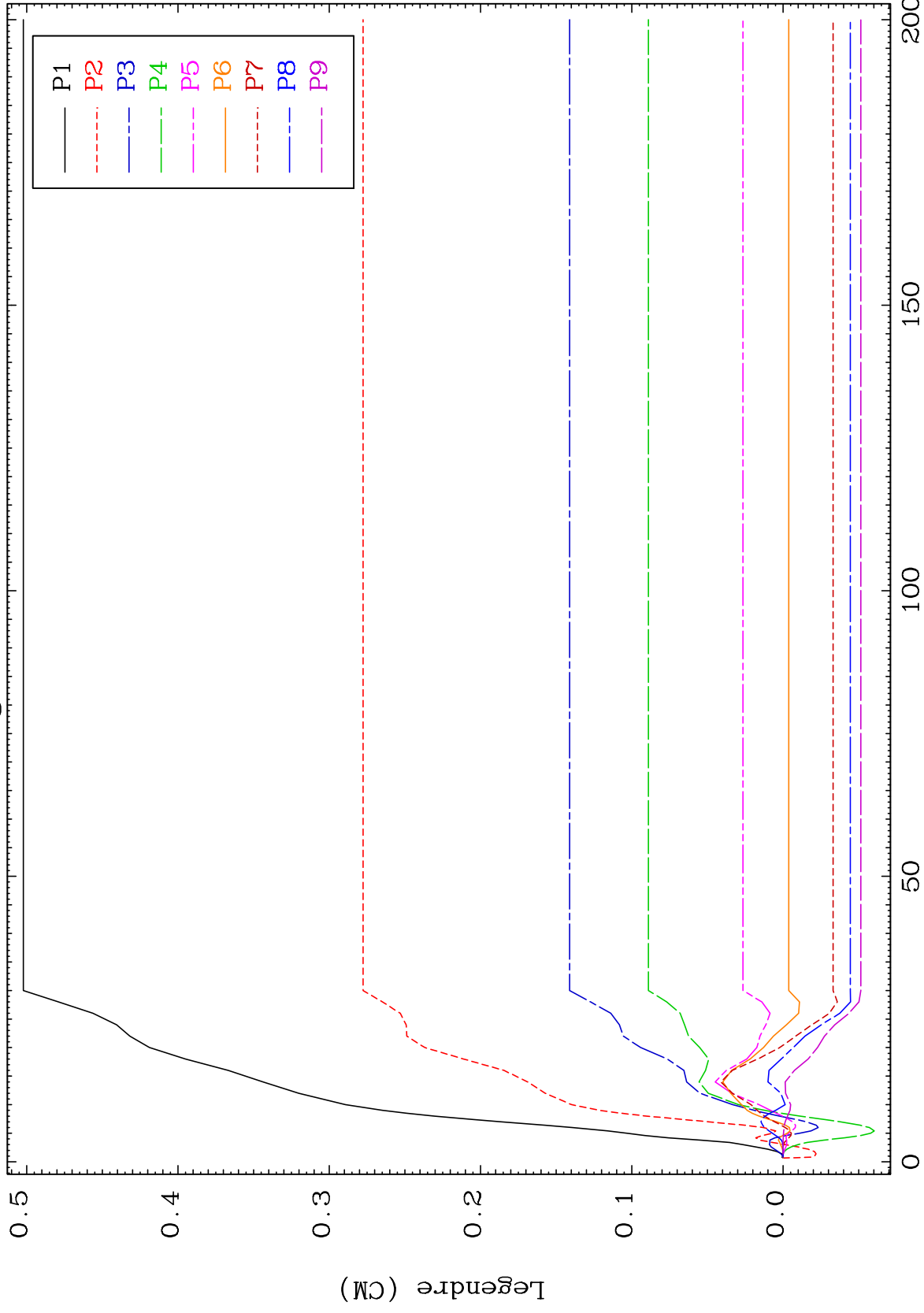
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



19

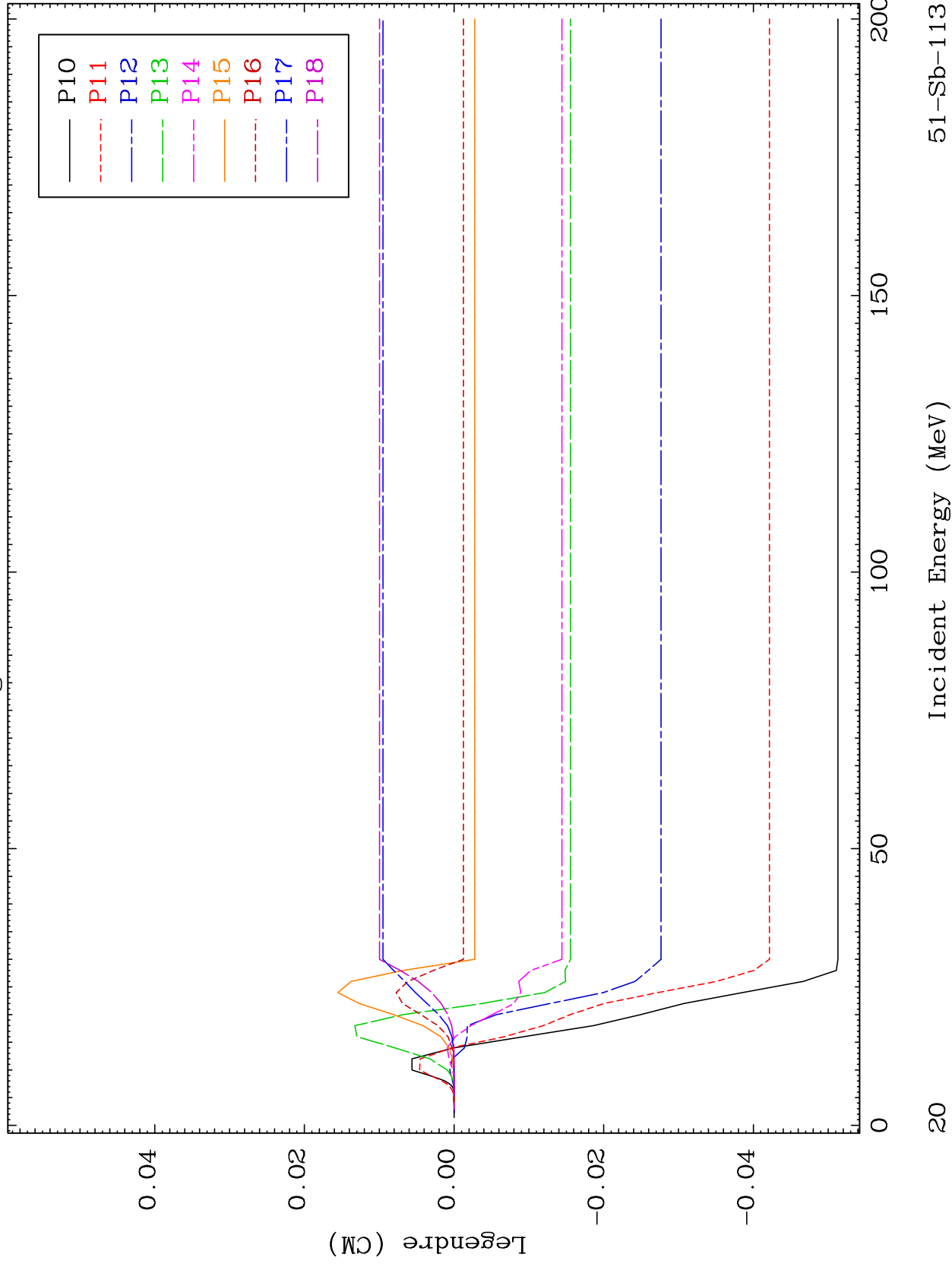
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



51-Sb-113

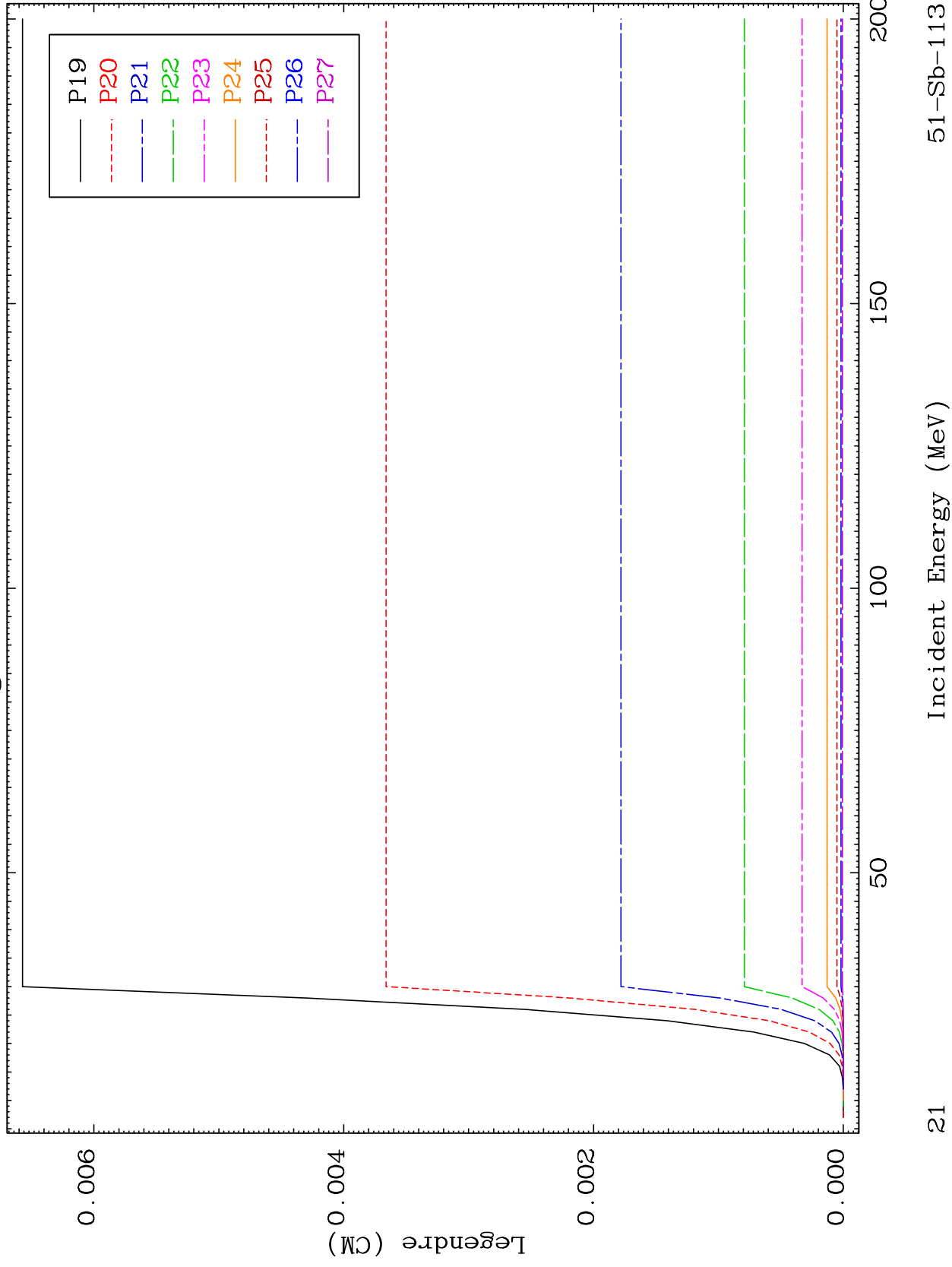
Incident Energy (MeV)

0

MAT 5101

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

51-Sb-113



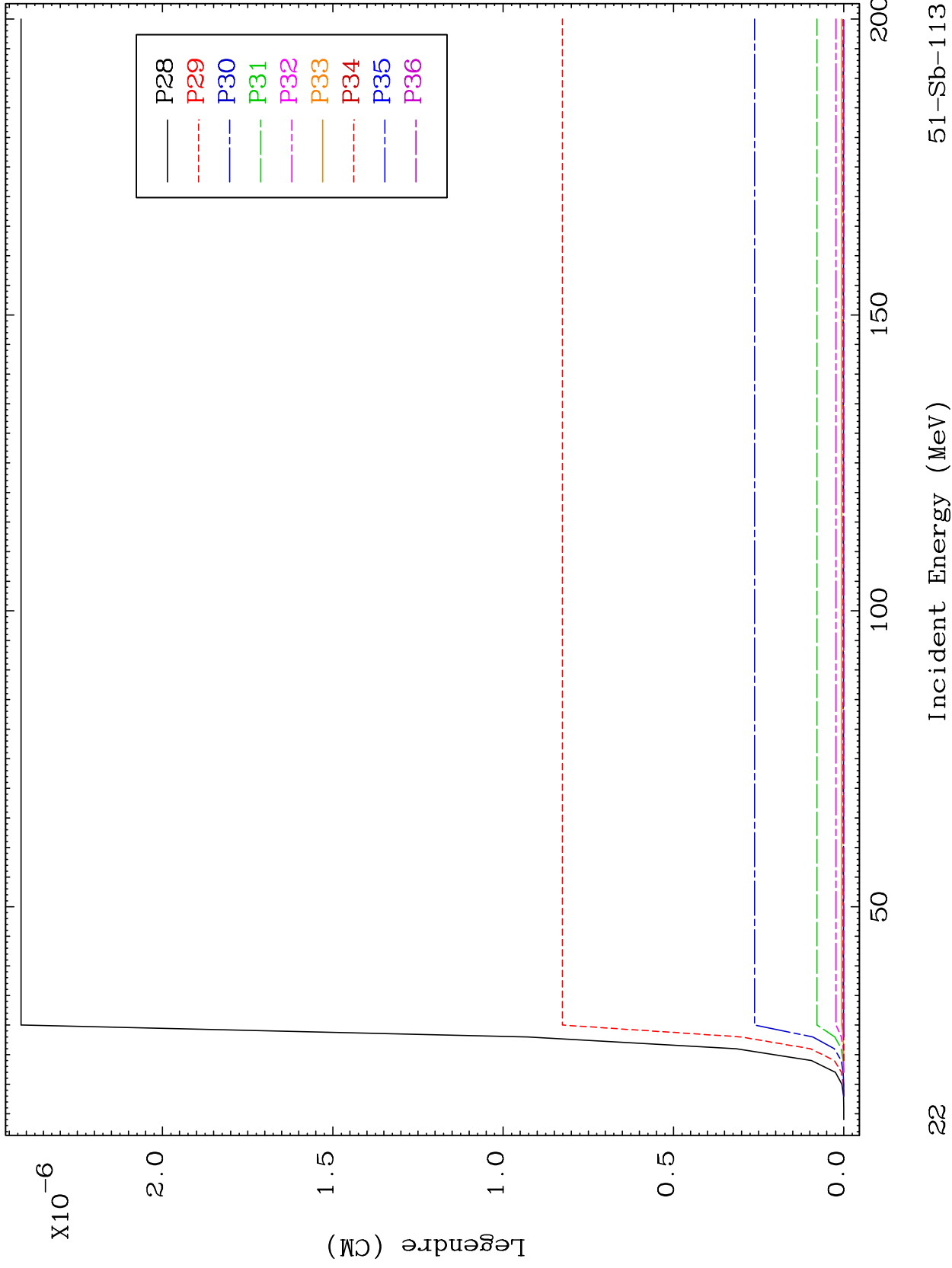
21

51-Sb-113

MAT 5101

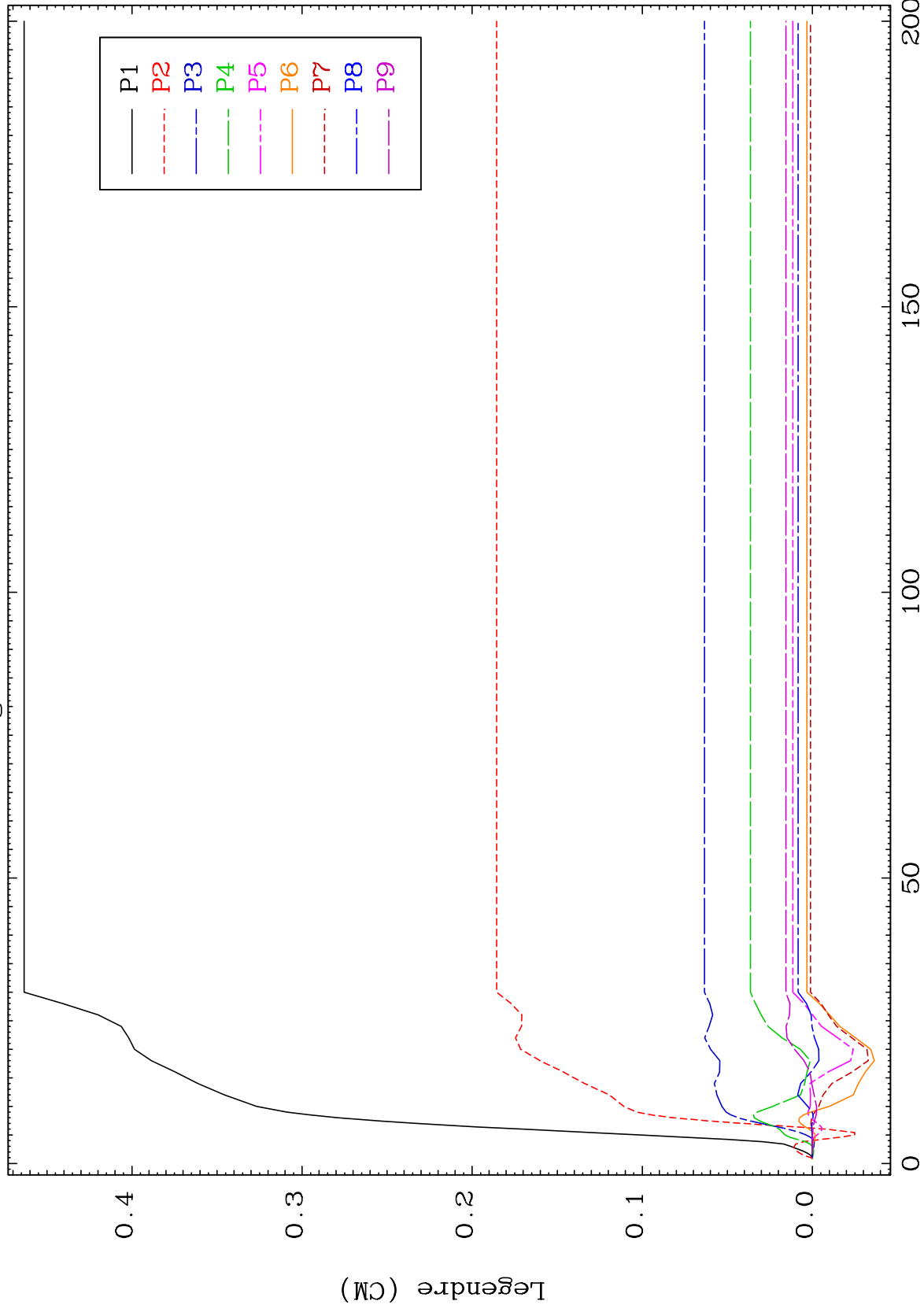
MT= 51 (n,n') Level
Legendre Coefficients

51-Sb-113



22

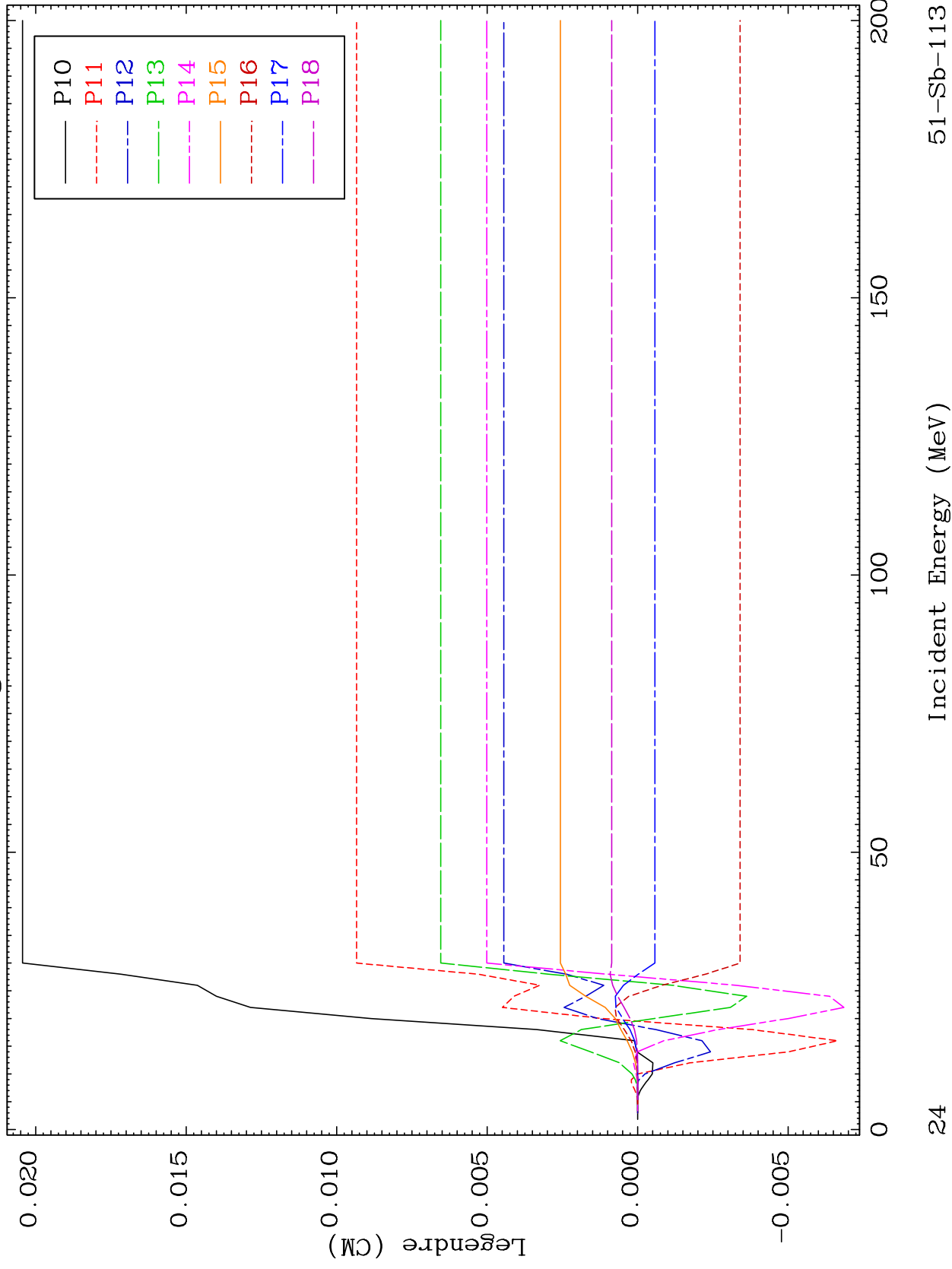
51-Sb-113



MAT 5101

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

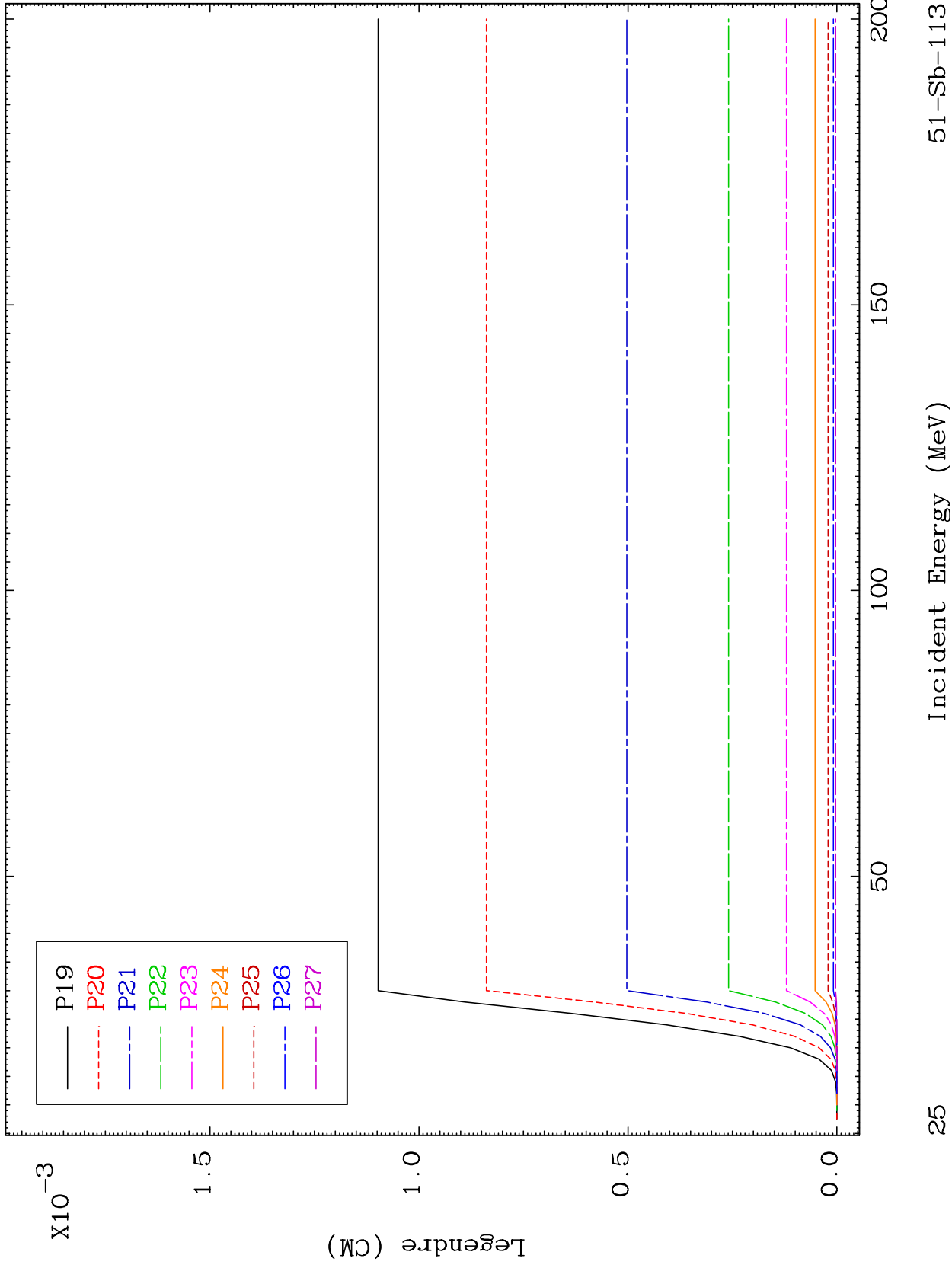
51-Sb-113



MAT 5101

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

51-Sb-113



25

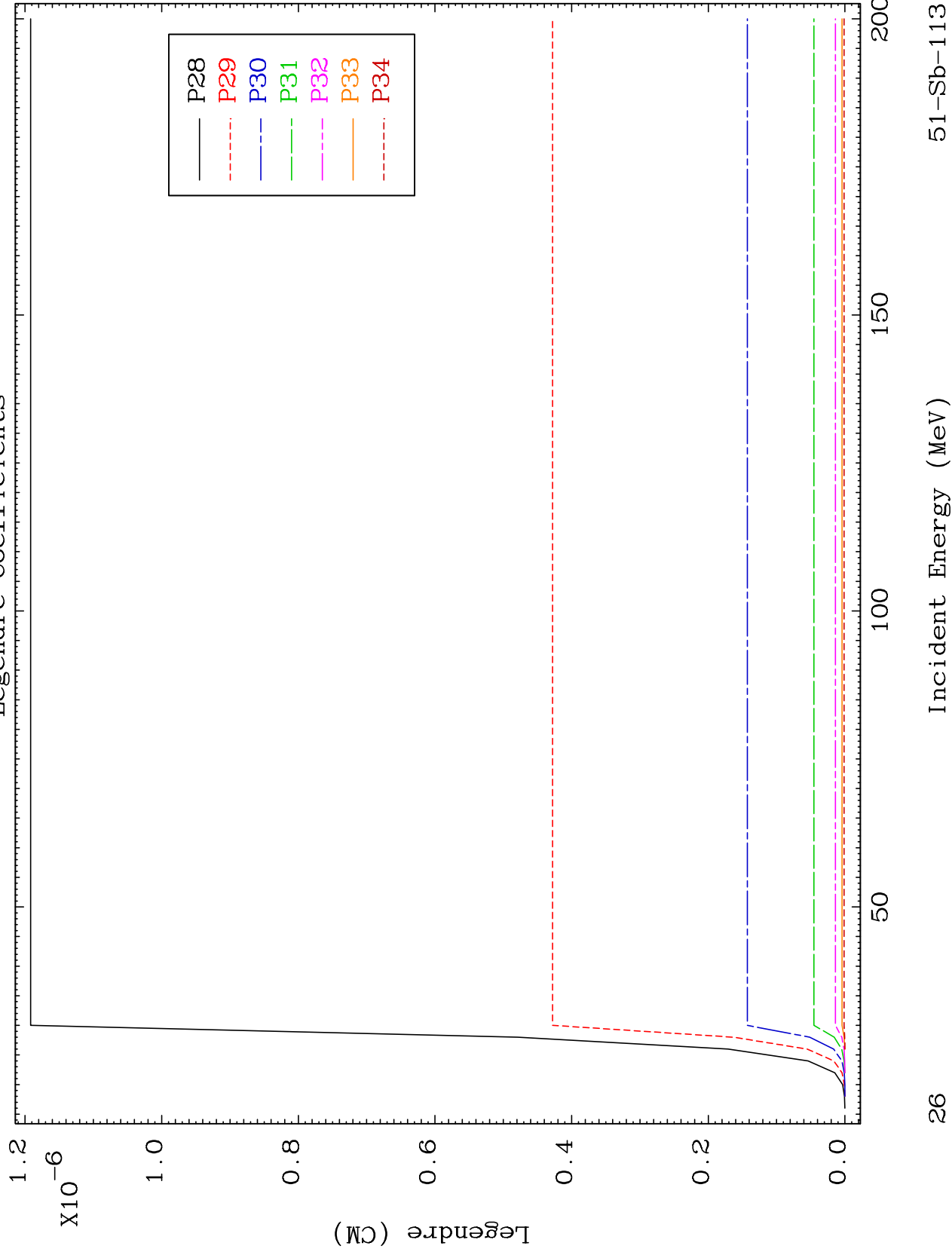
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113

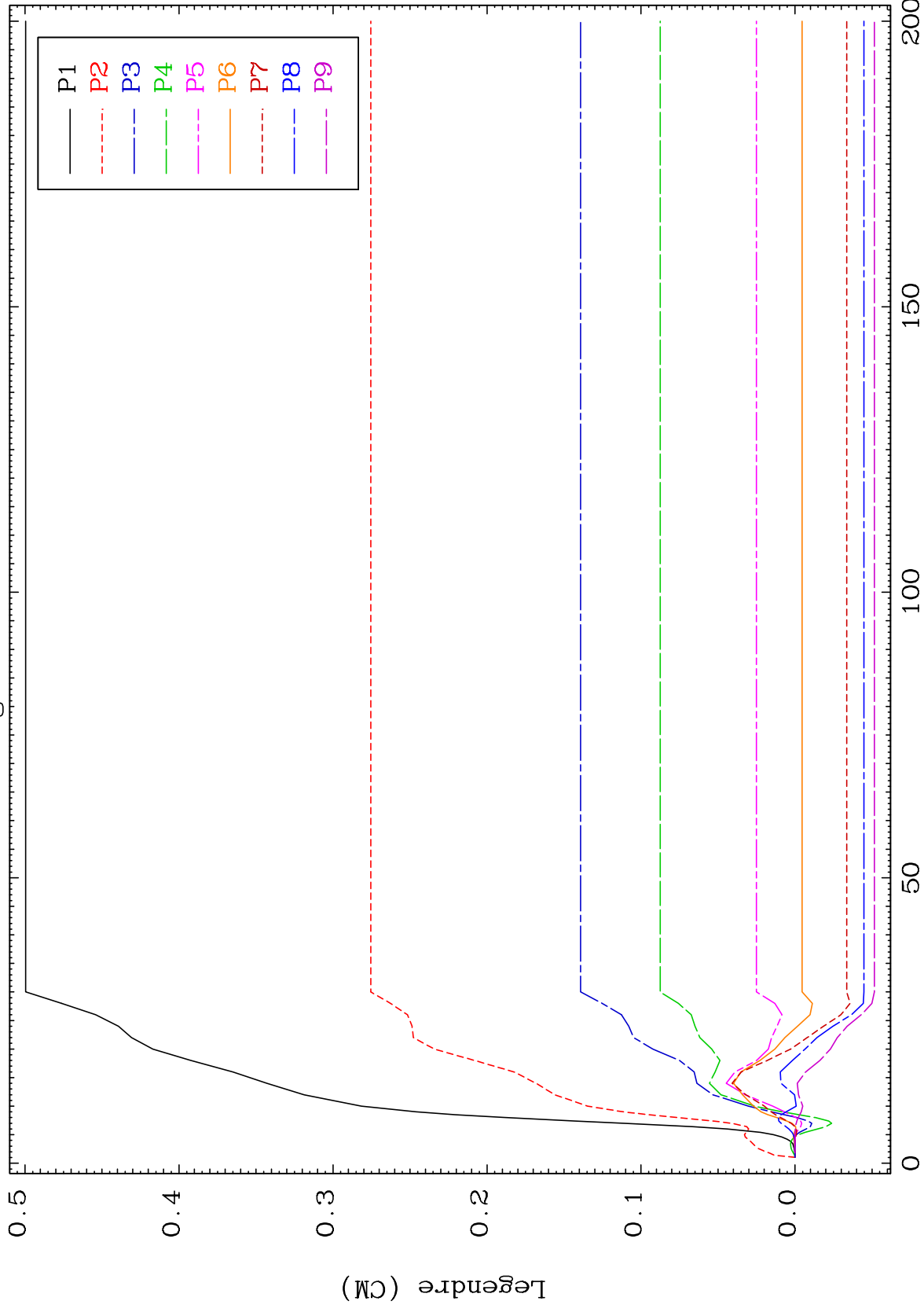


26

MAT 5101

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

51-Sb-113



27

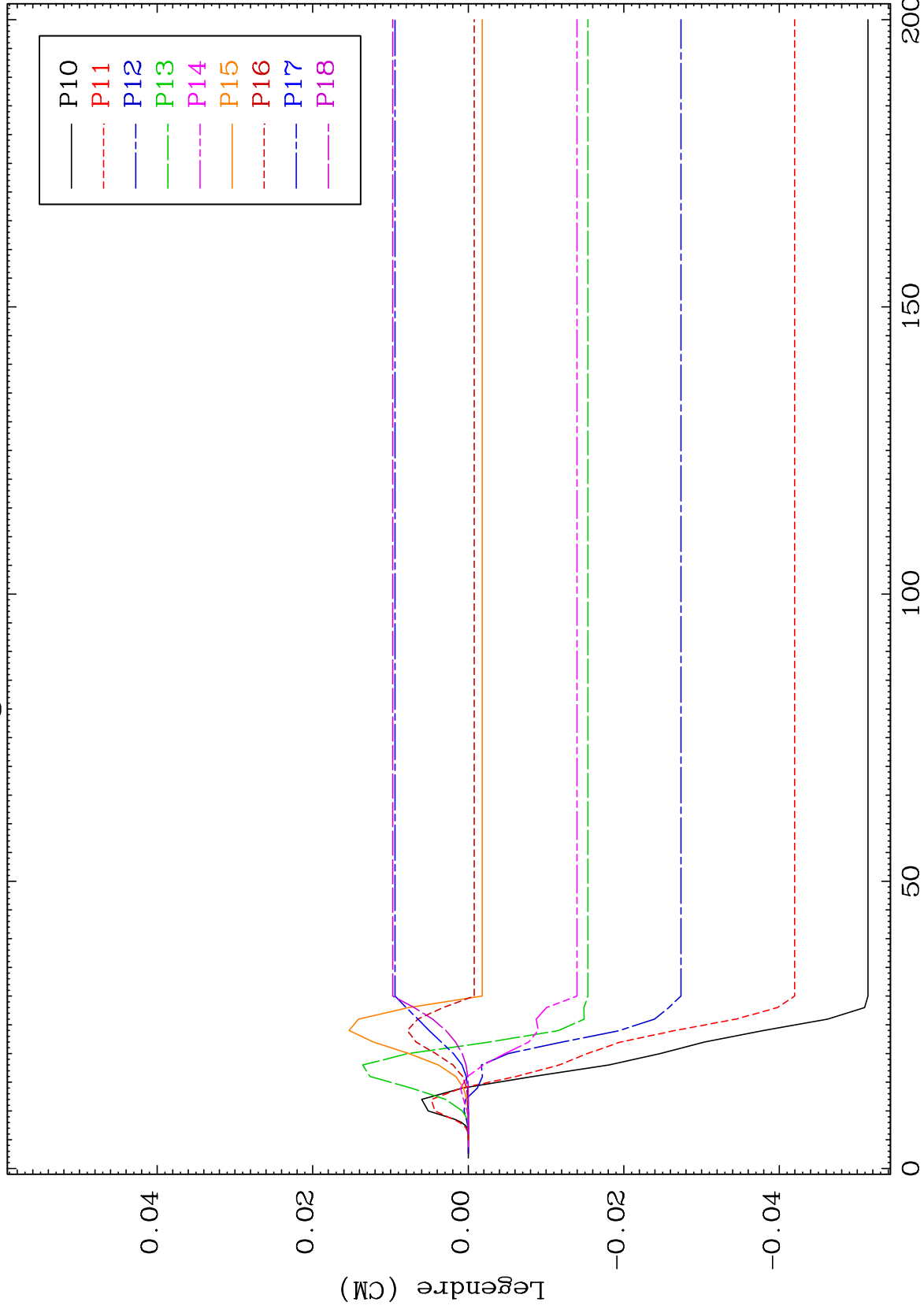
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

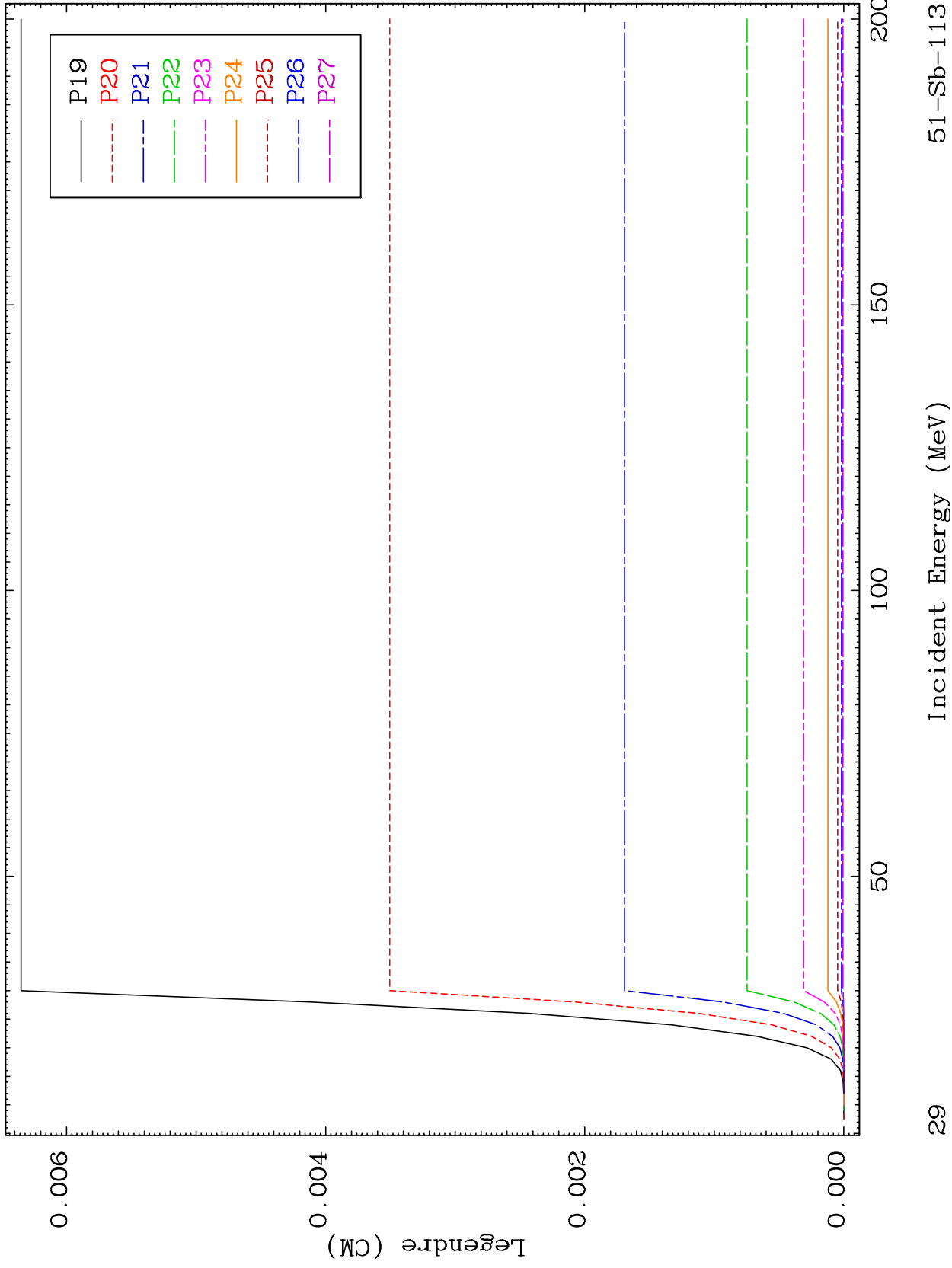
51-Sb-113



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Incident Energy (MeV)

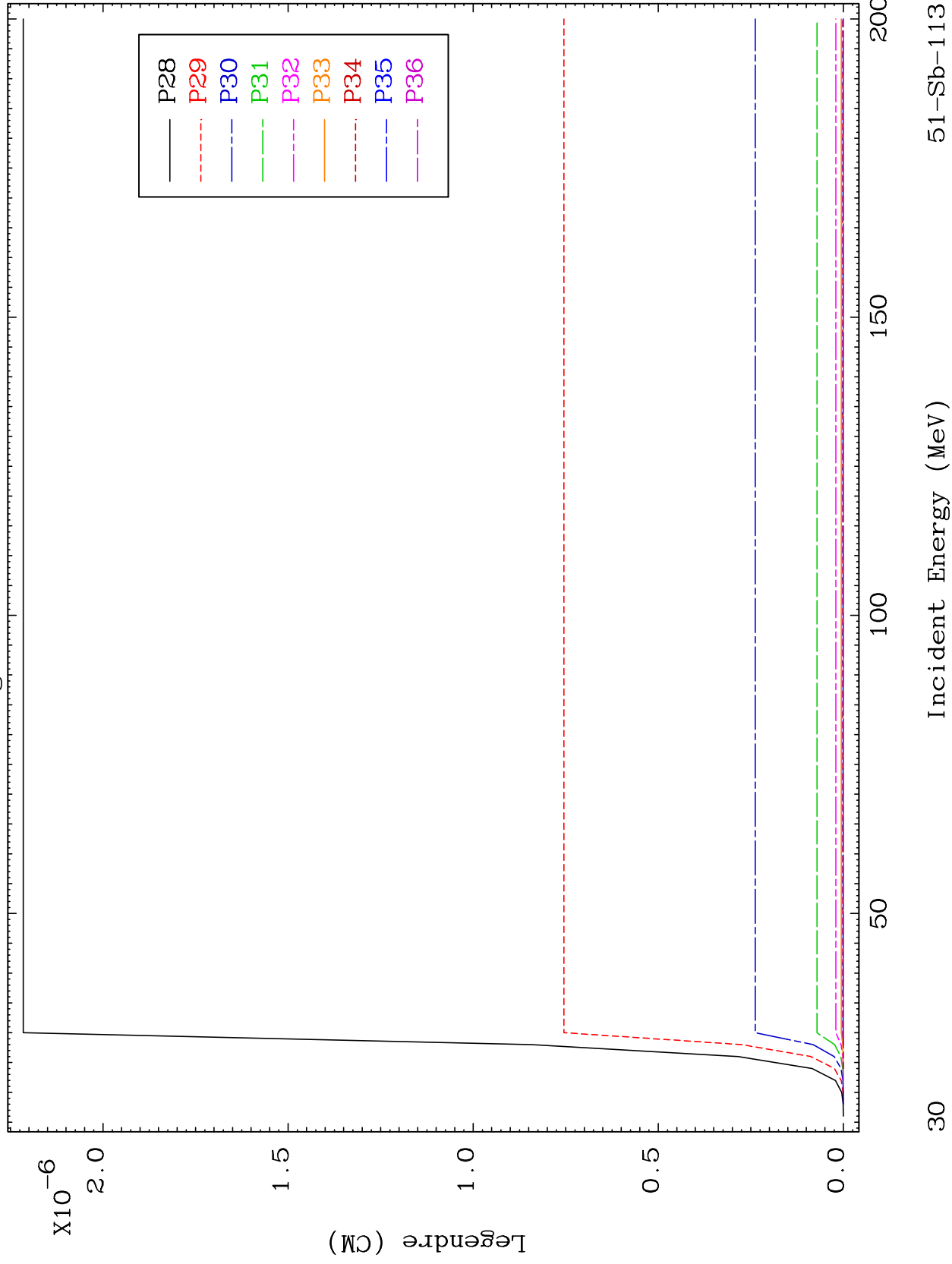
51-Sb-113



MAT 5101

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

51-Sb-113

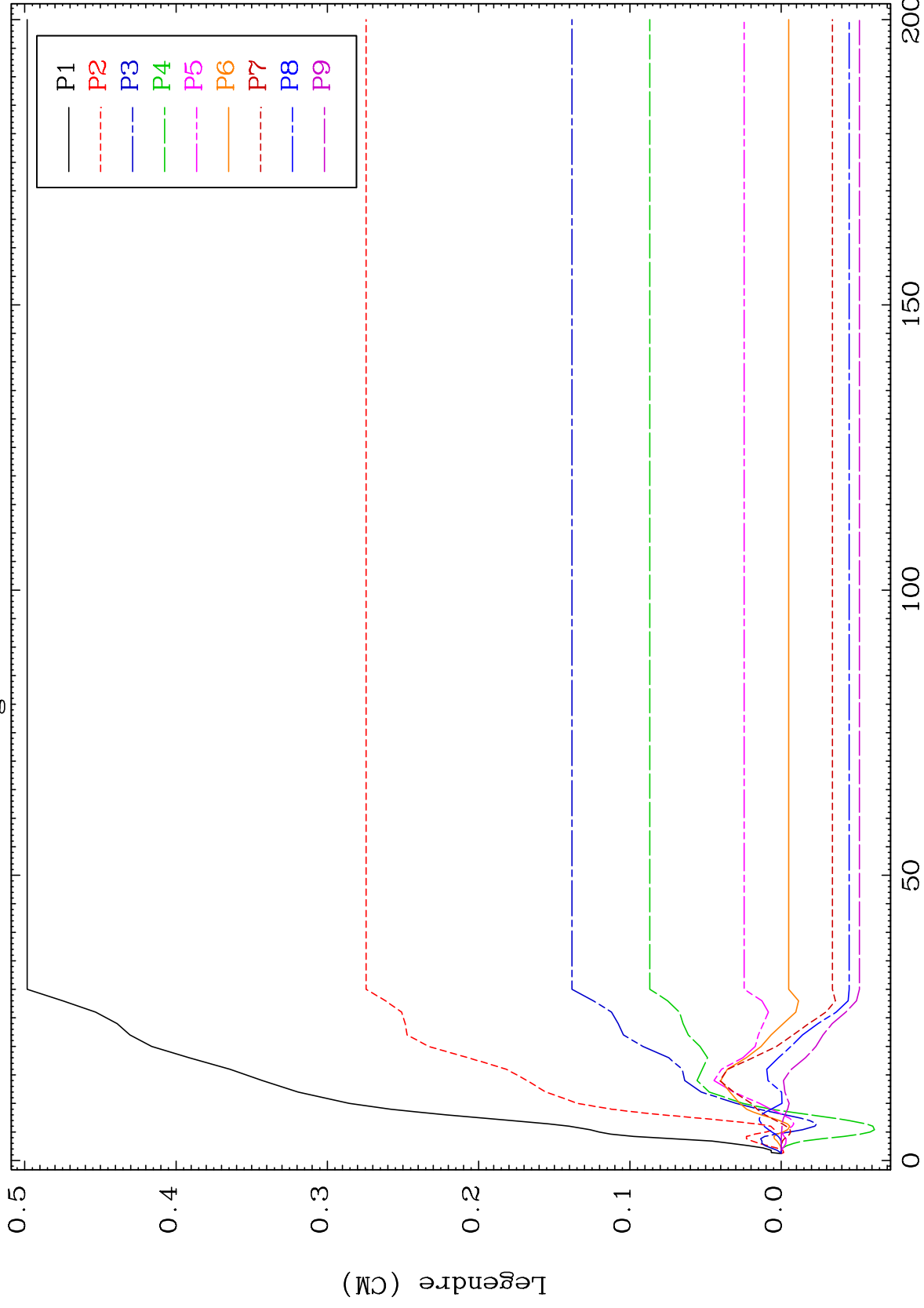


MAT 5101

MT= 54 (n,n') Level

51-Sb-113

Legendre Coefficients



31

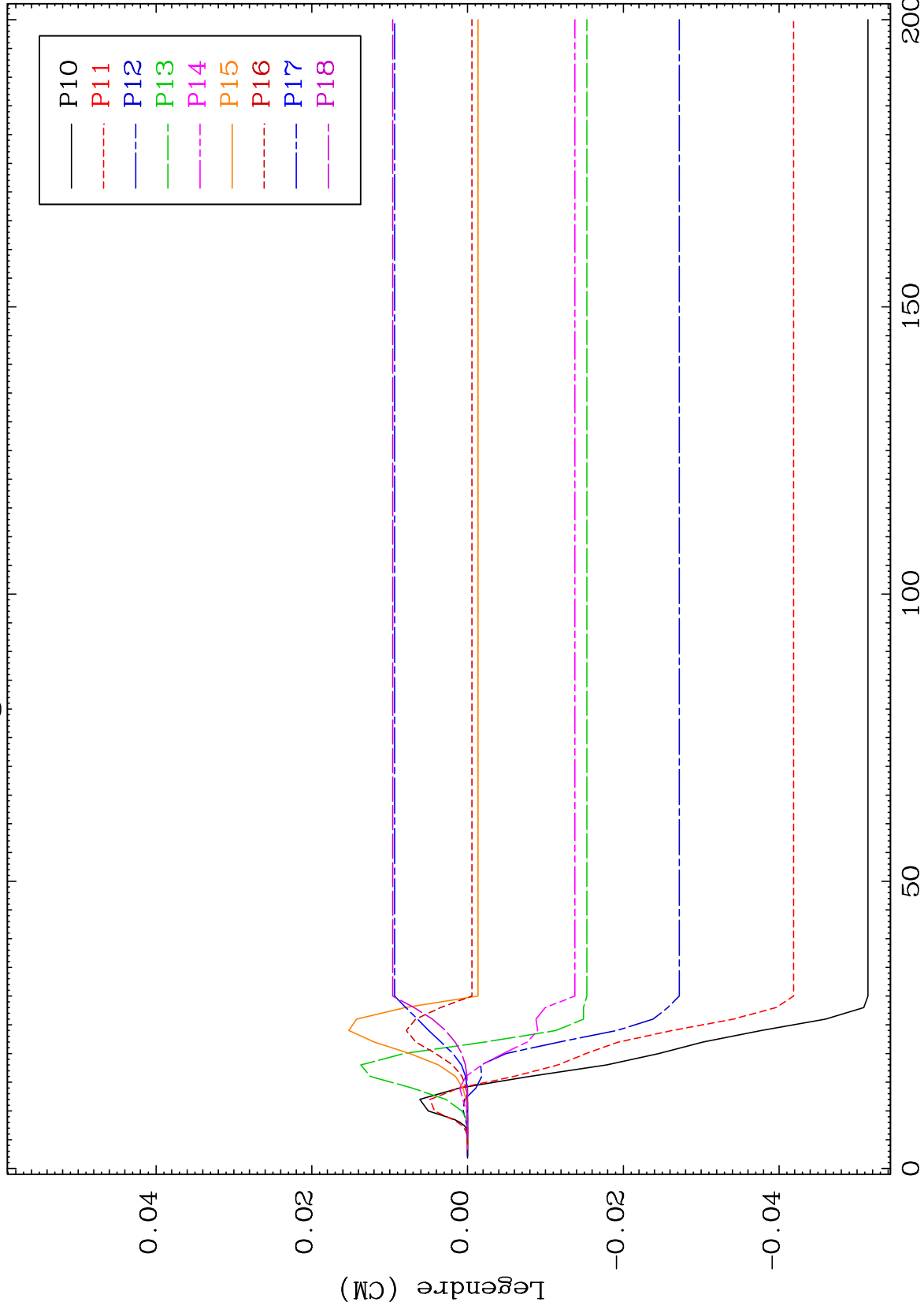
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



32

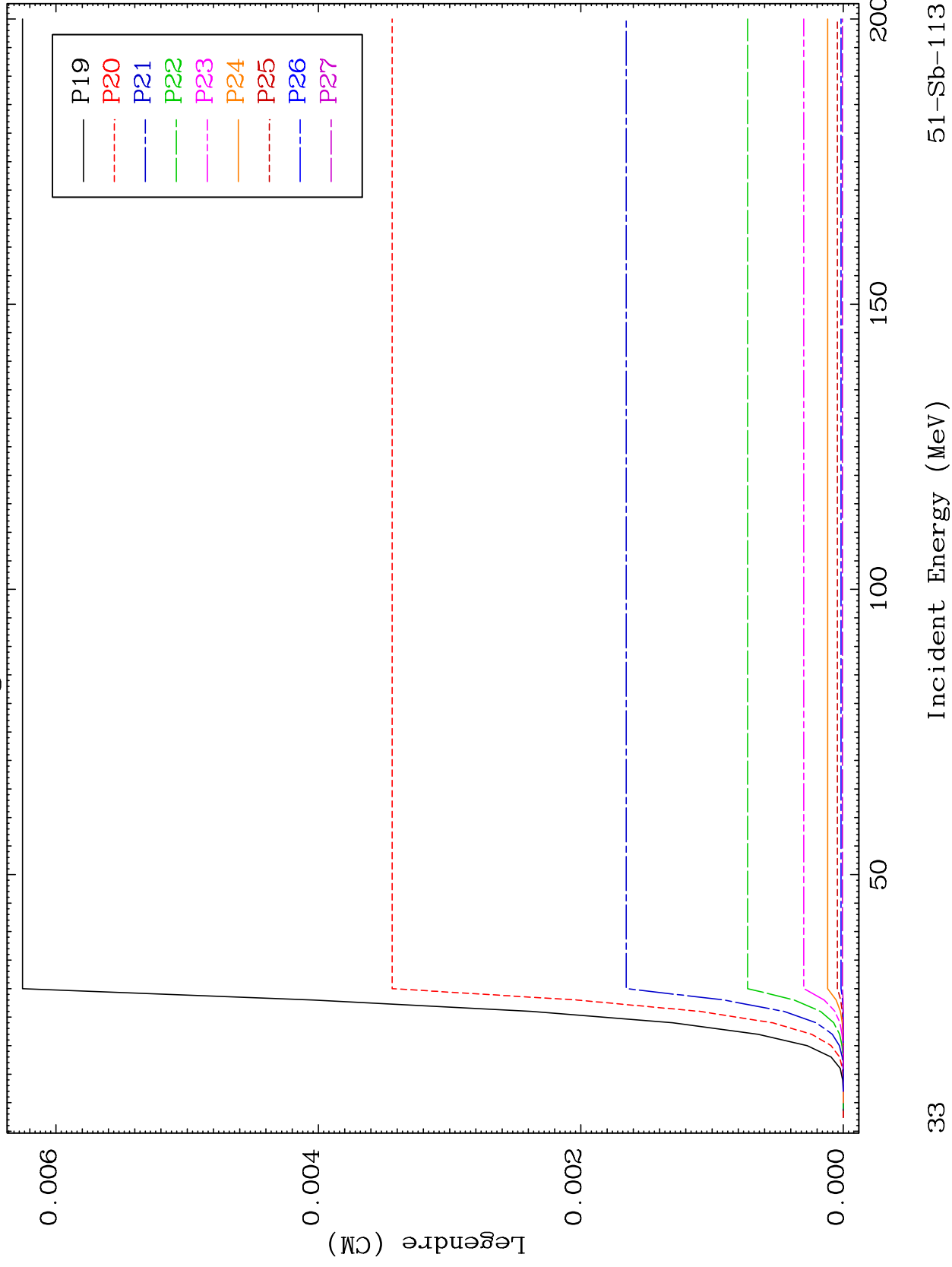
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



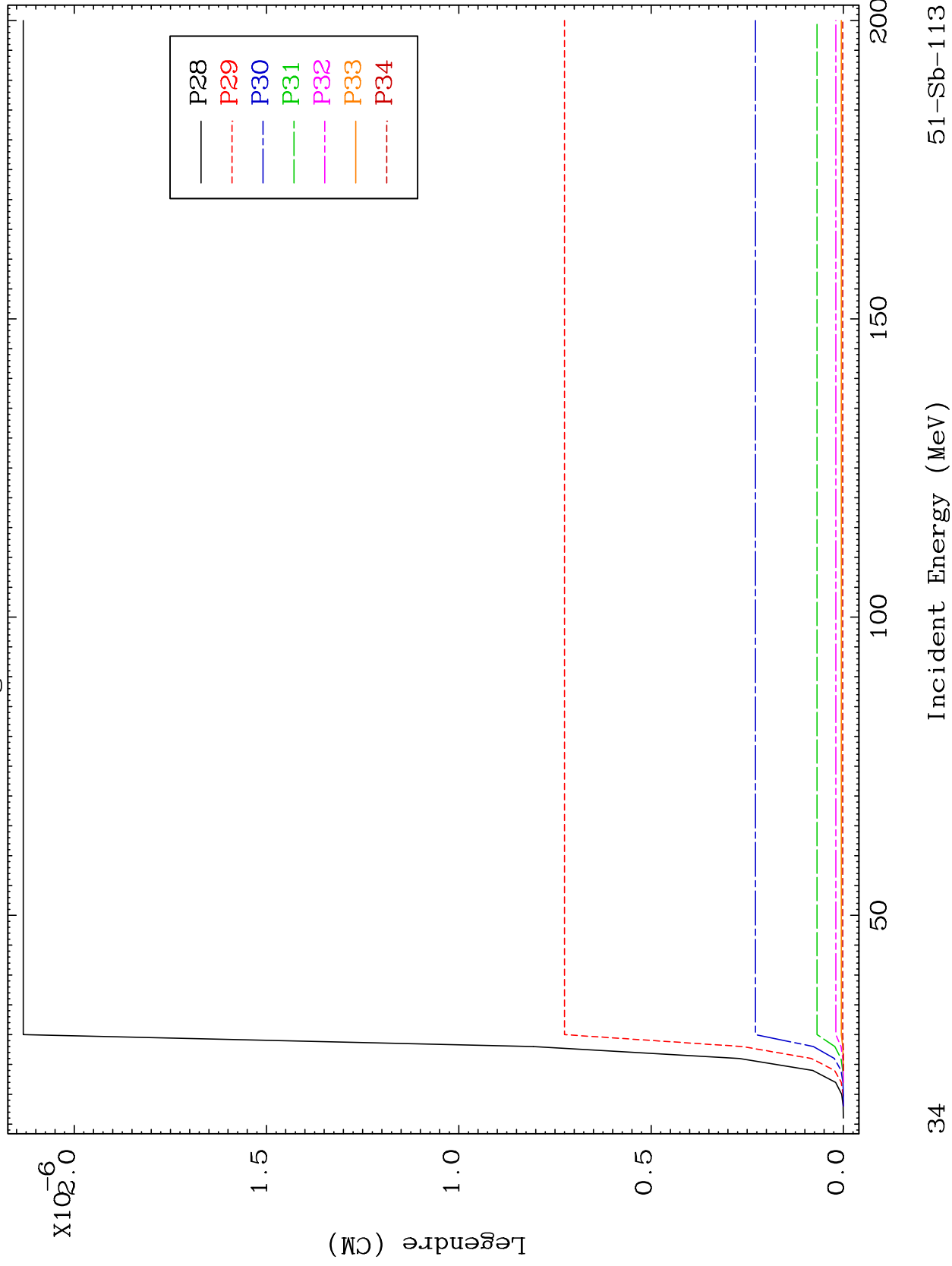
33

51-Sb-113

MAT 5101

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

51-Sb-113



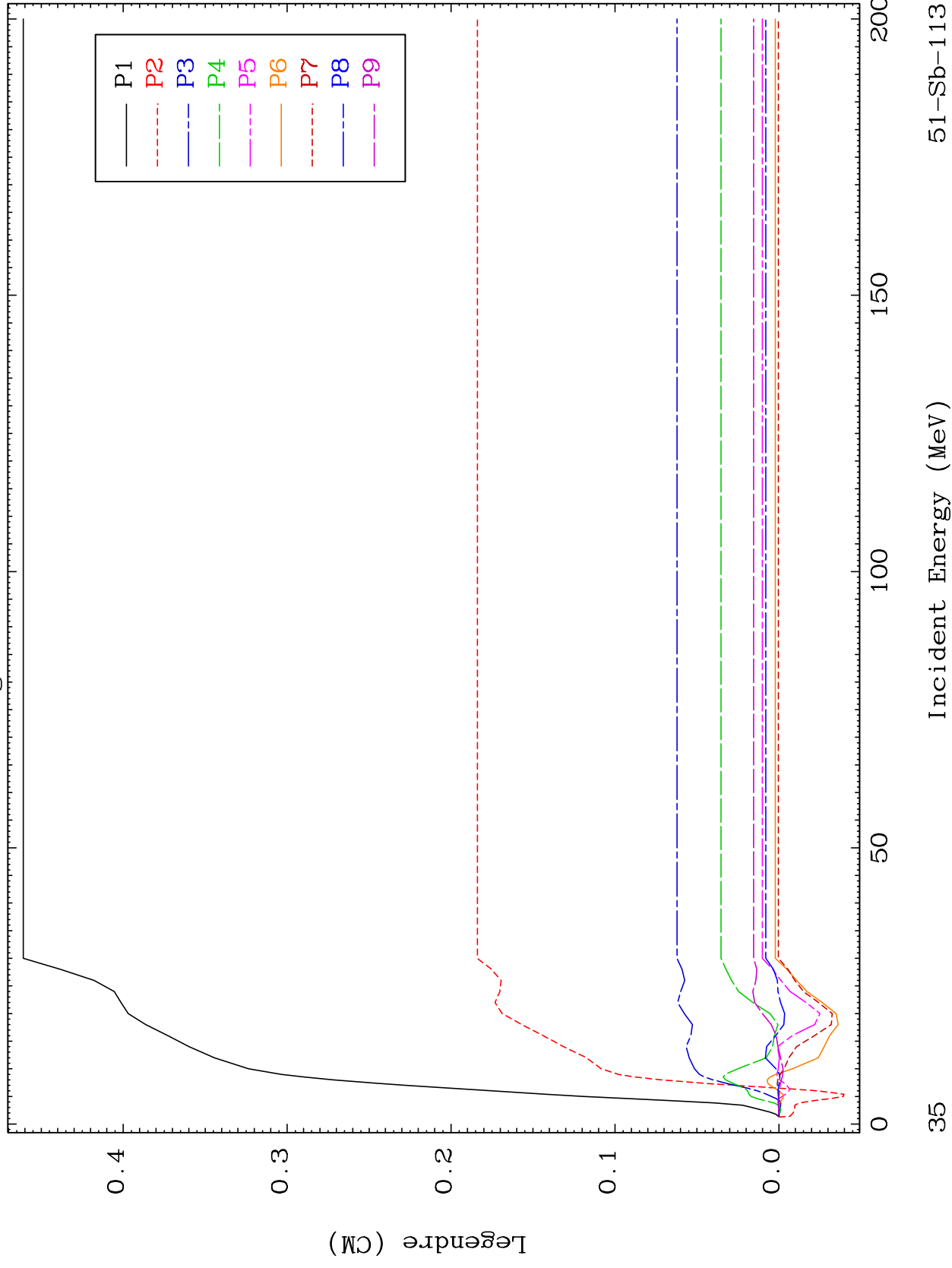
34

51-Sb-113

MAT 5101

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

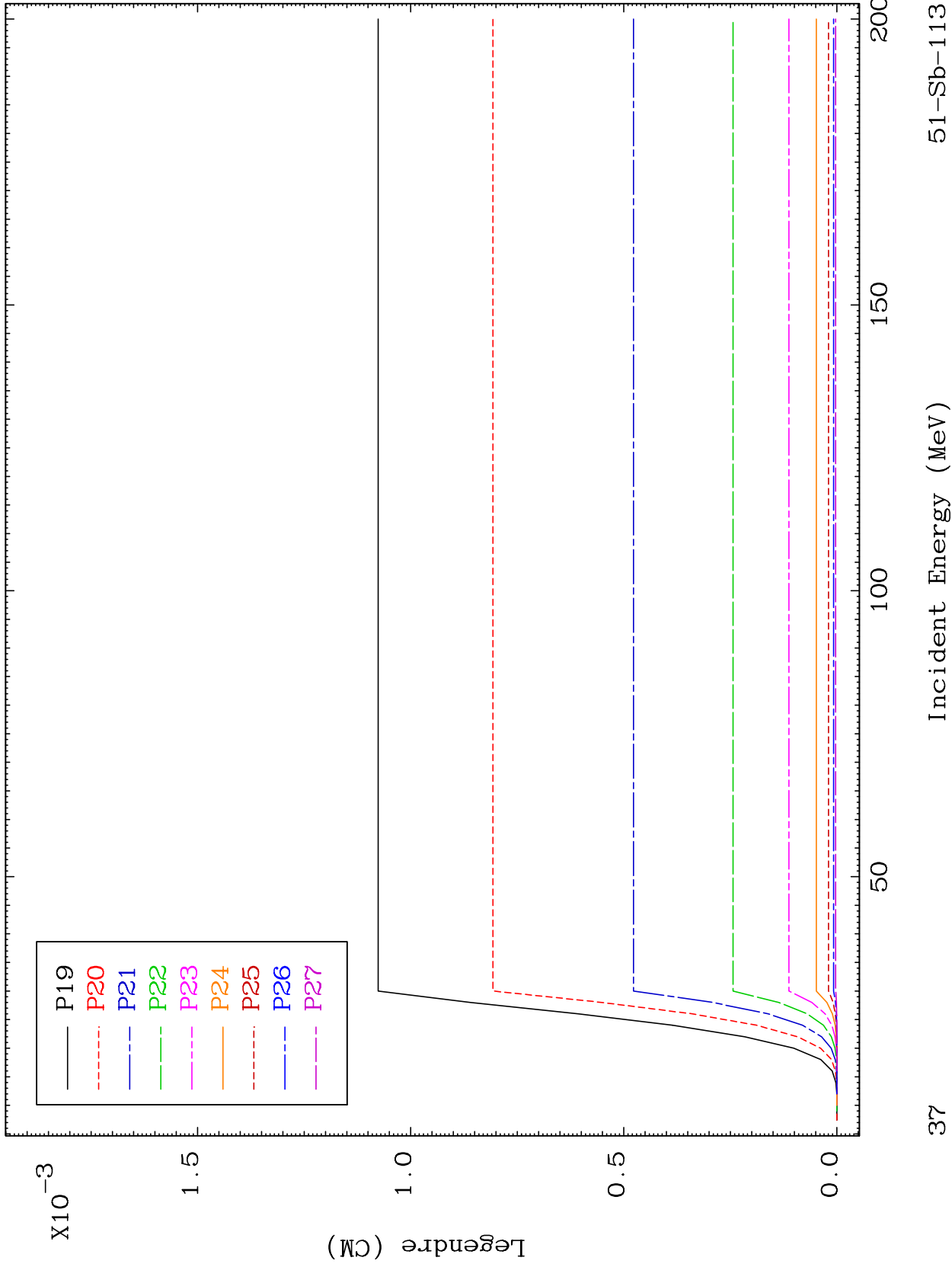
51-Sb-113



51-Sb-113

Incident Energy (MeV)

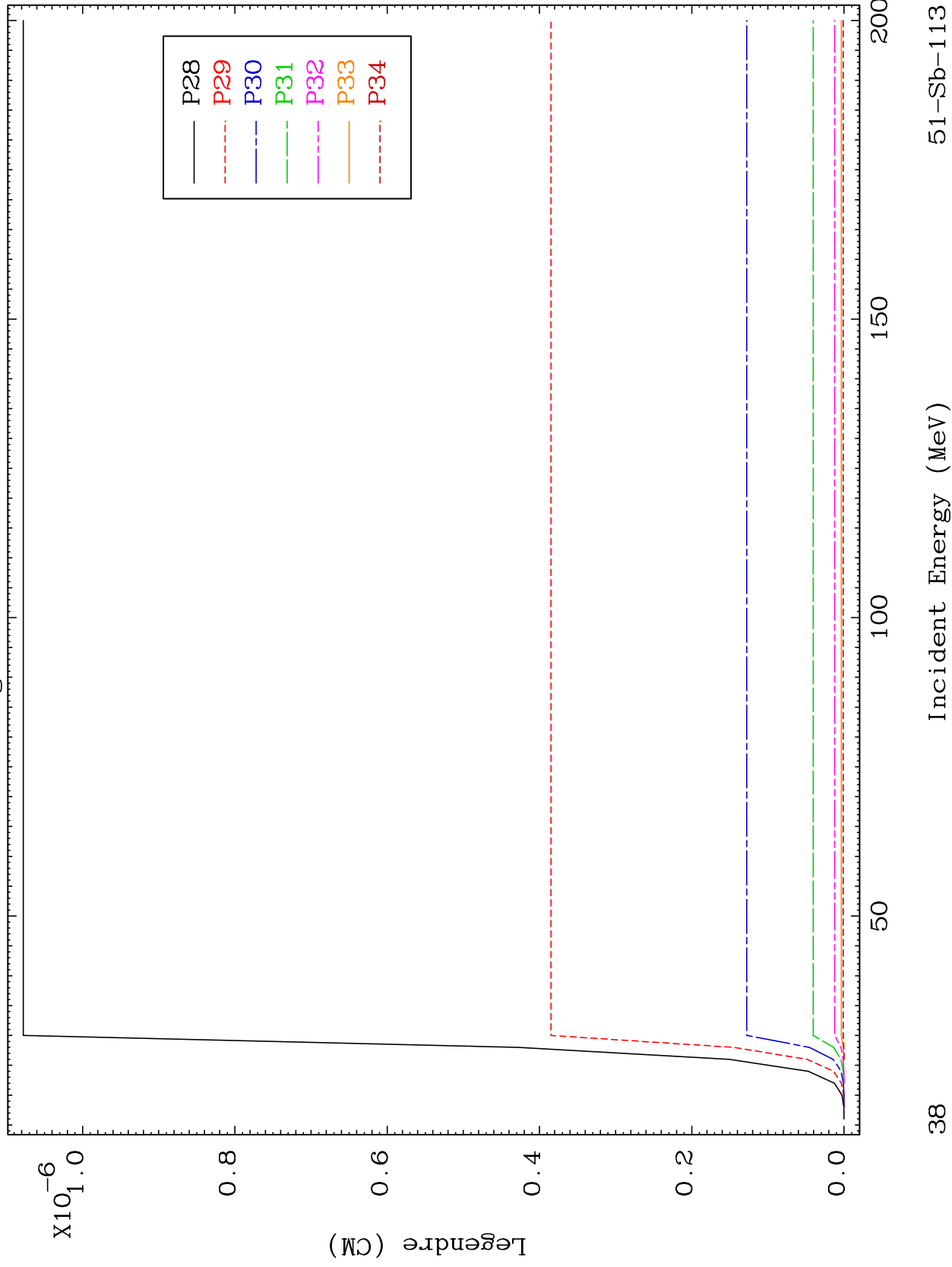
35



MAT 5101

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

51-Sb-113



38

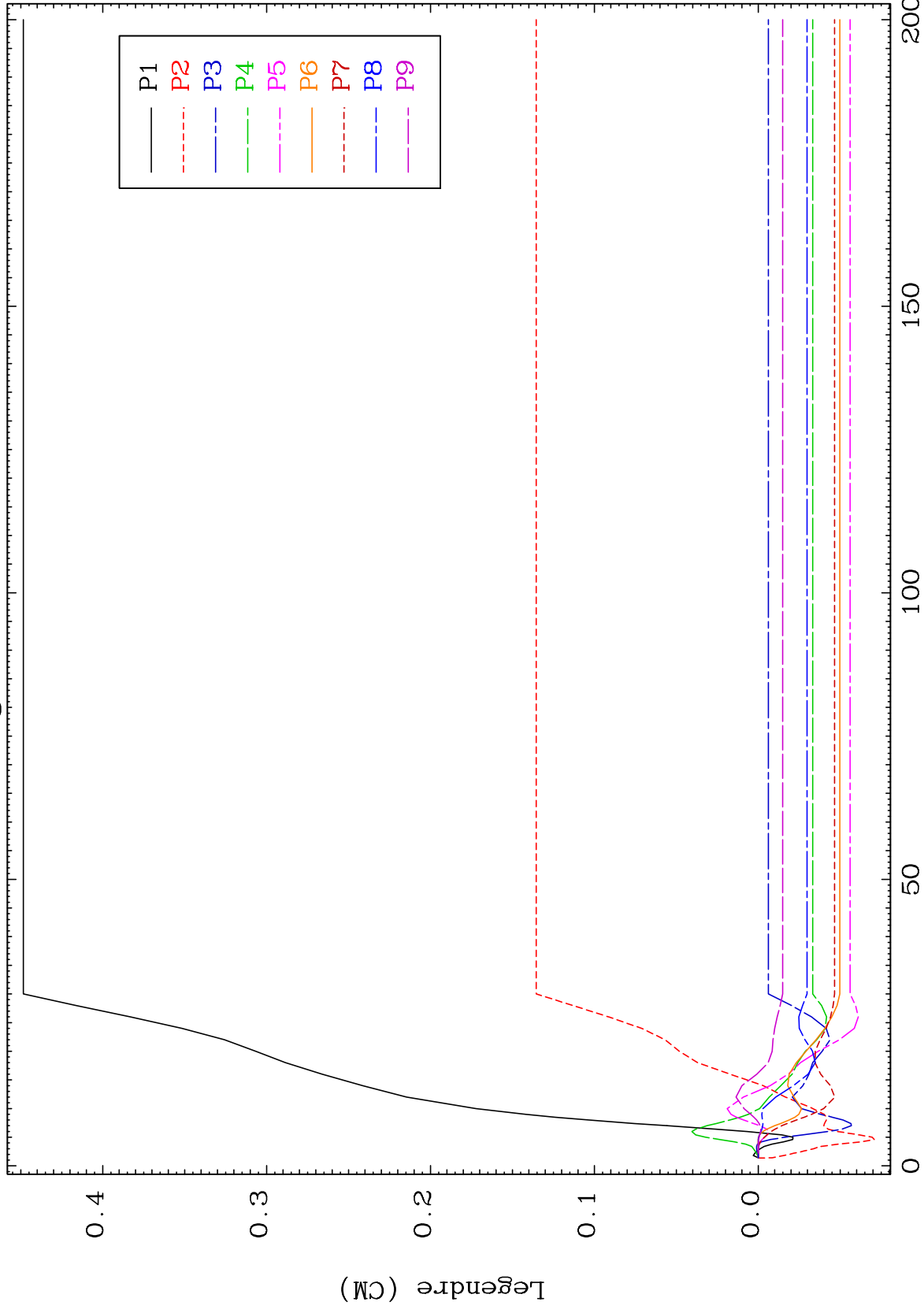
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

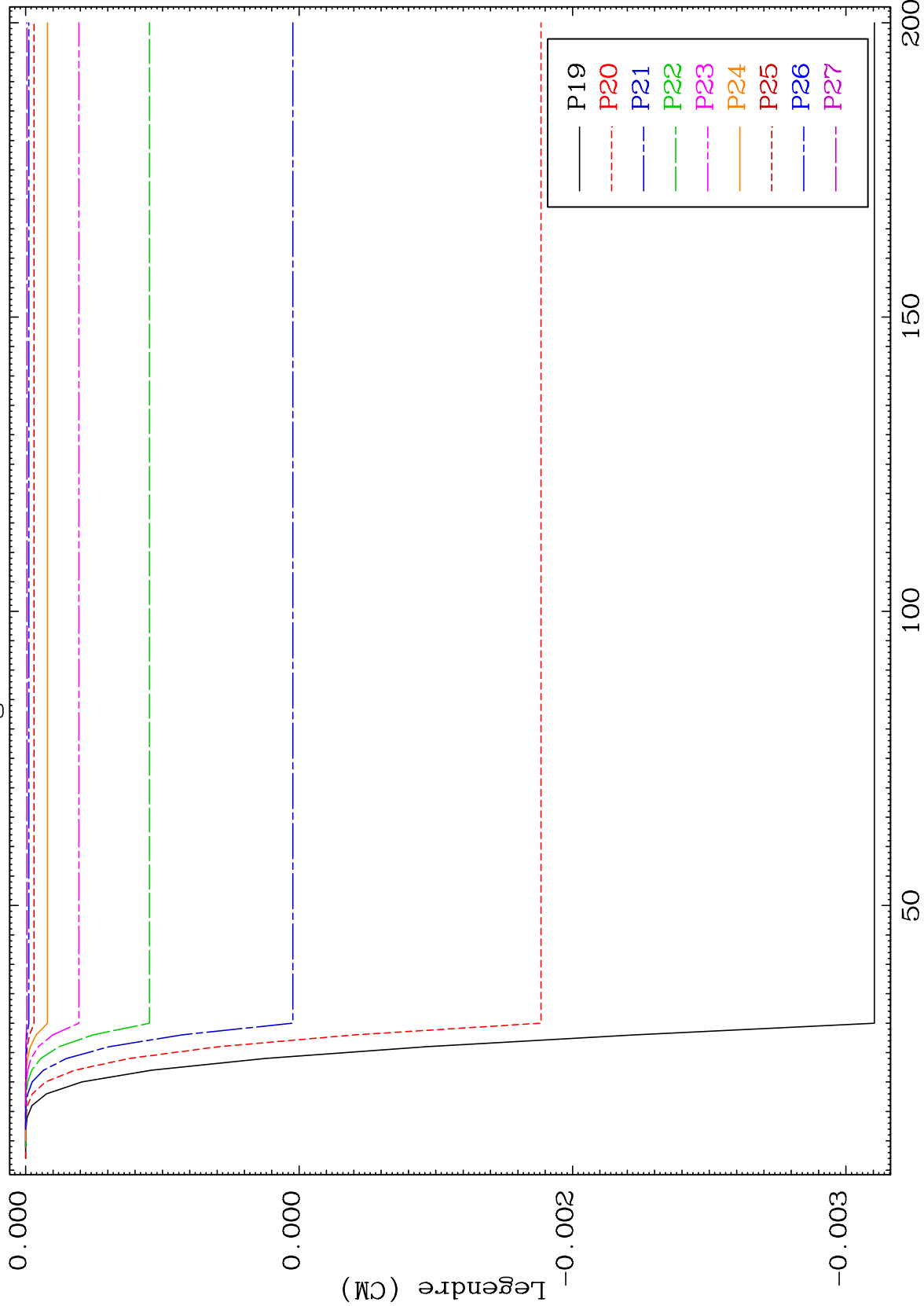
51-Sb-113

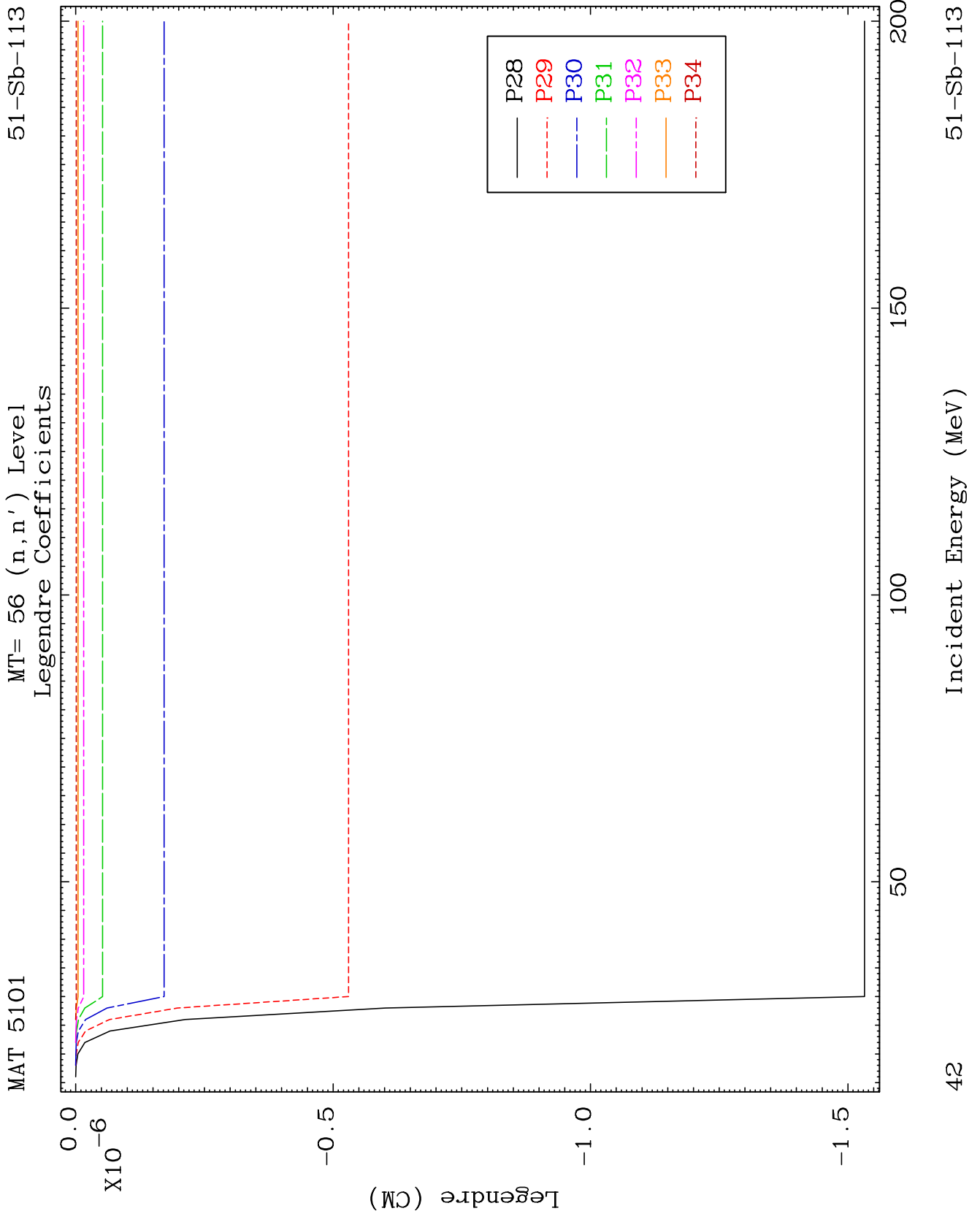


39

Incident Energy (MeV)

51-Sb-113

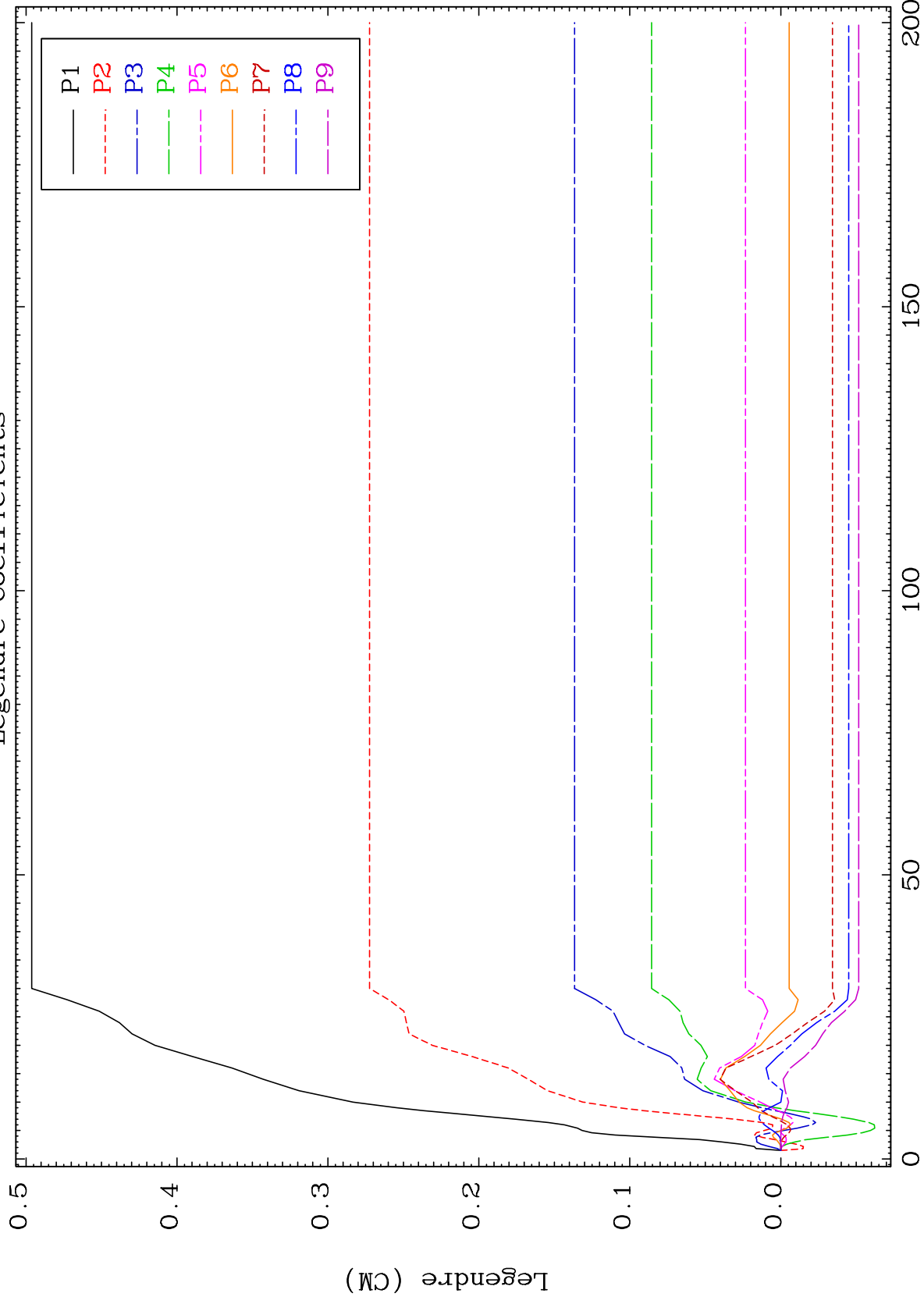




MAT 5101

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

51-Sb-113



51-Sb-113

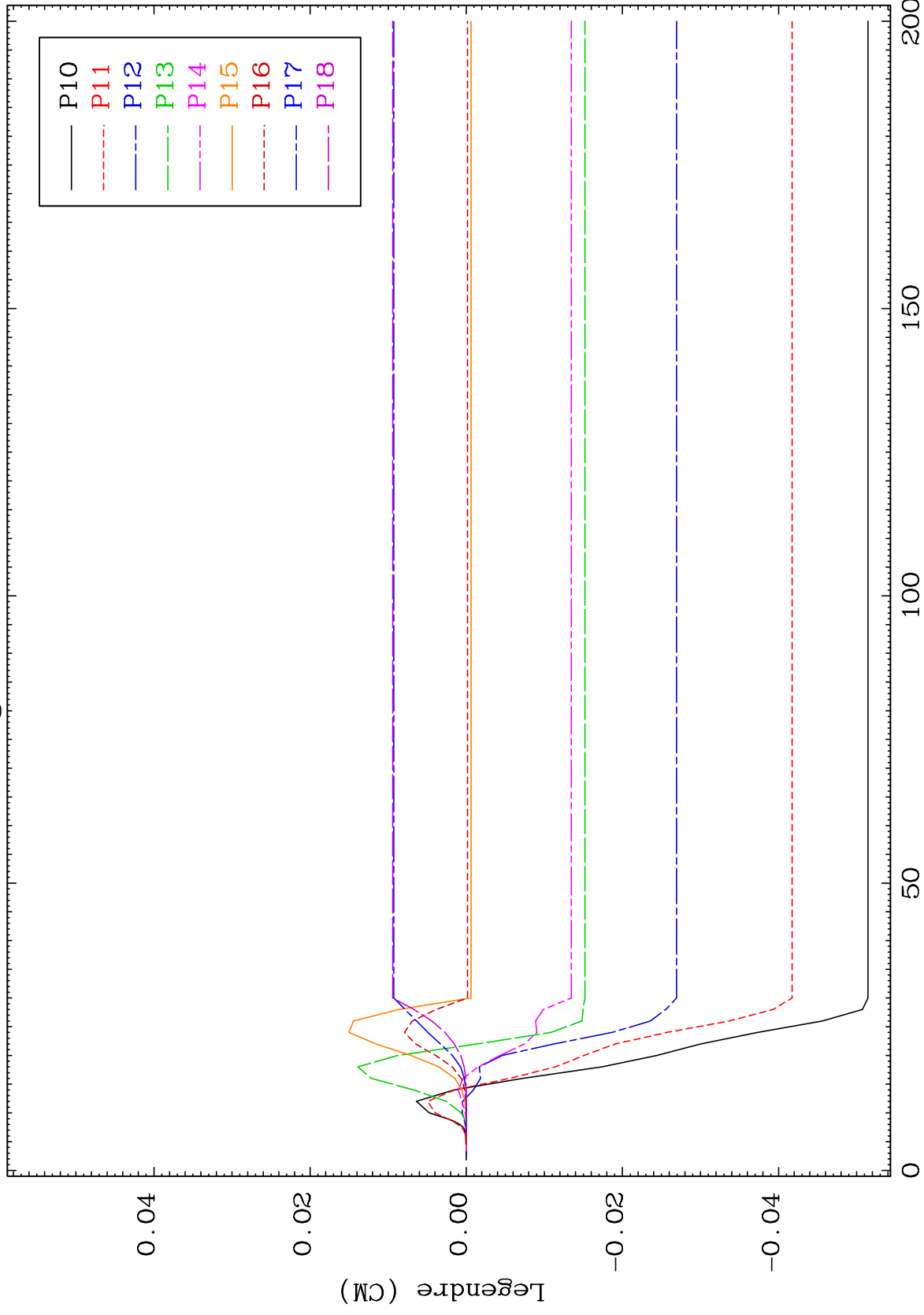
Incident Energy (MeV)

43

MAT 5101

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

51-Sb-113



44

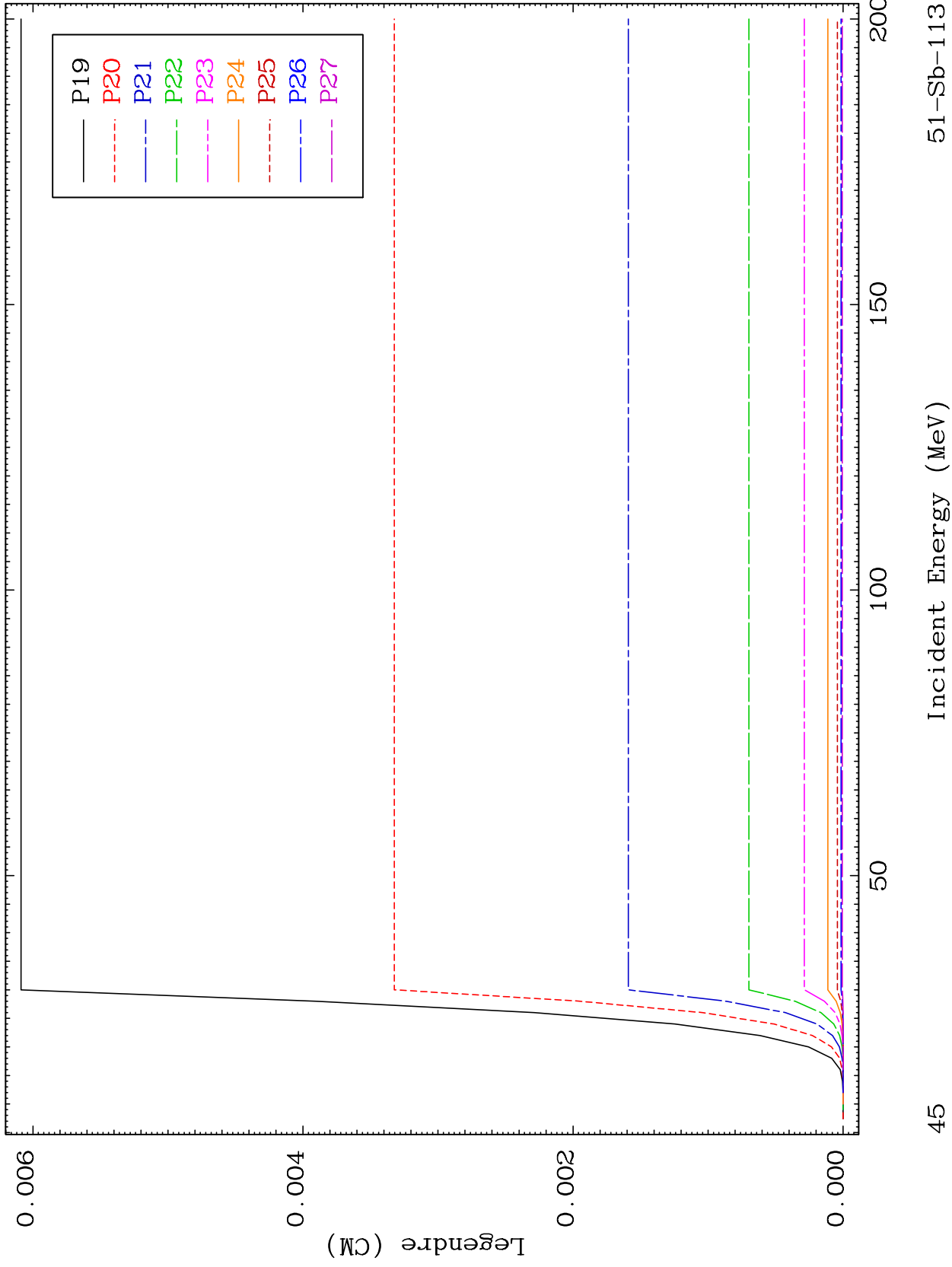
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

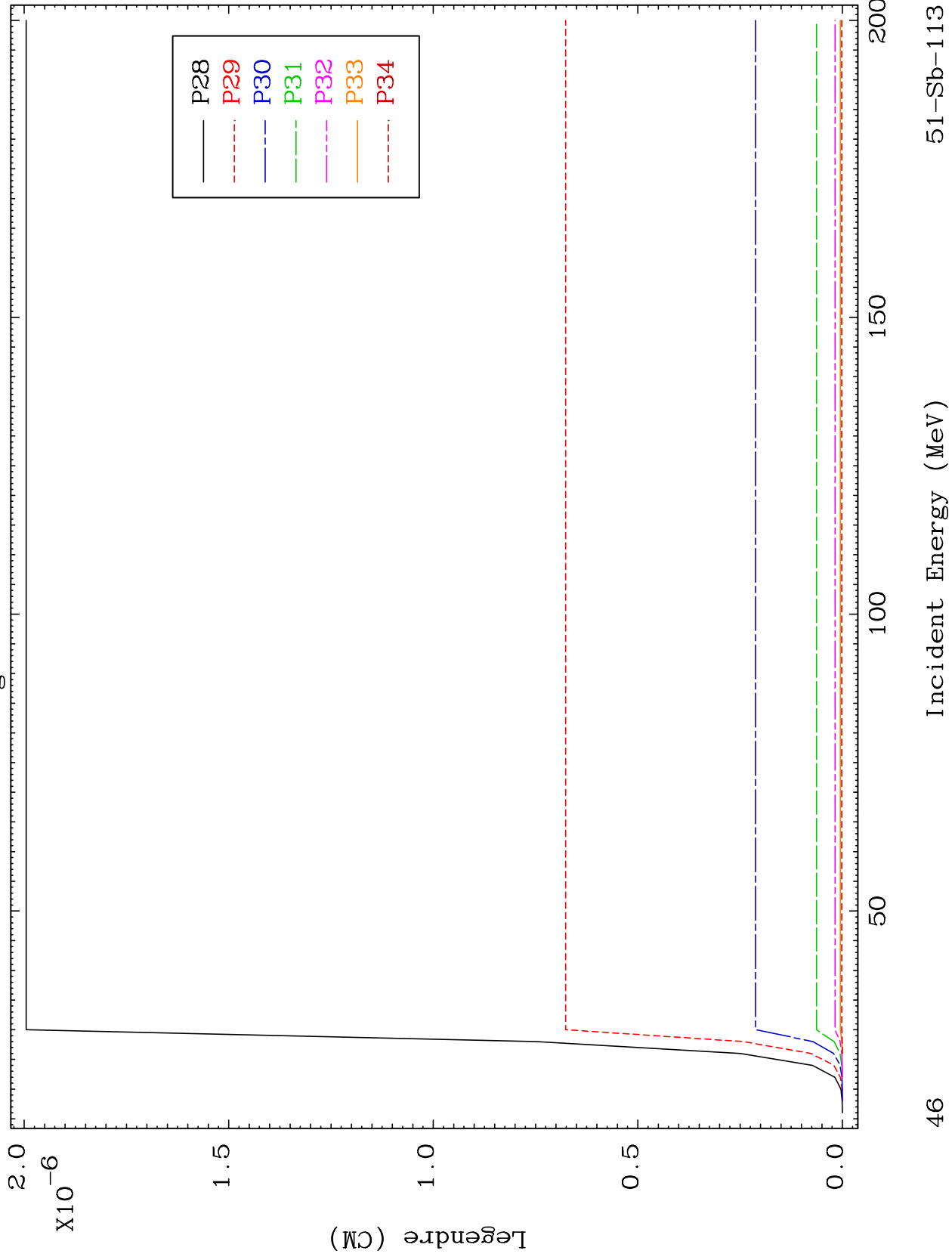
51-Sb-113



MAT 5101

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

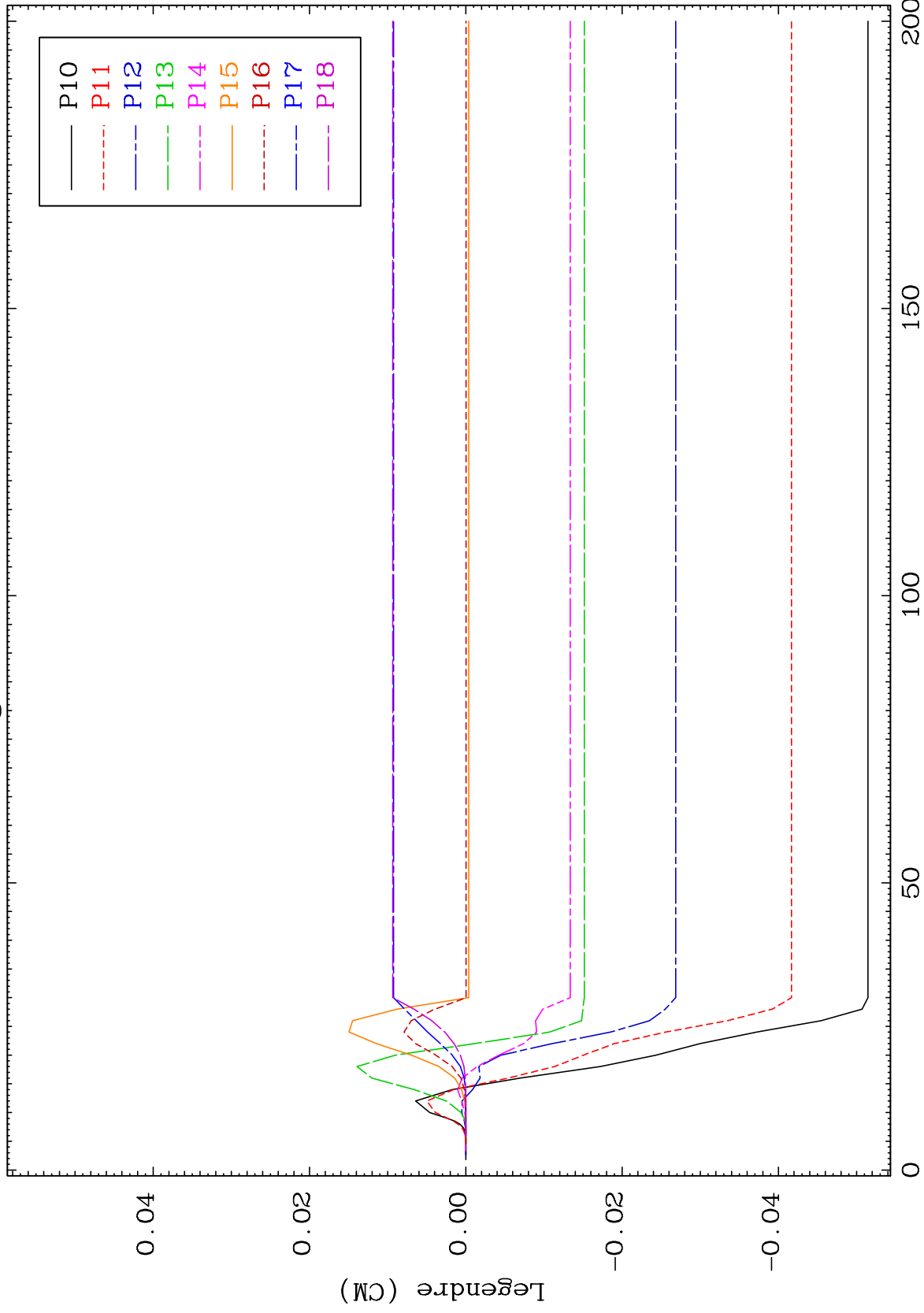
51-Sb-113



MAT 5101

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

51-Sb-113



48

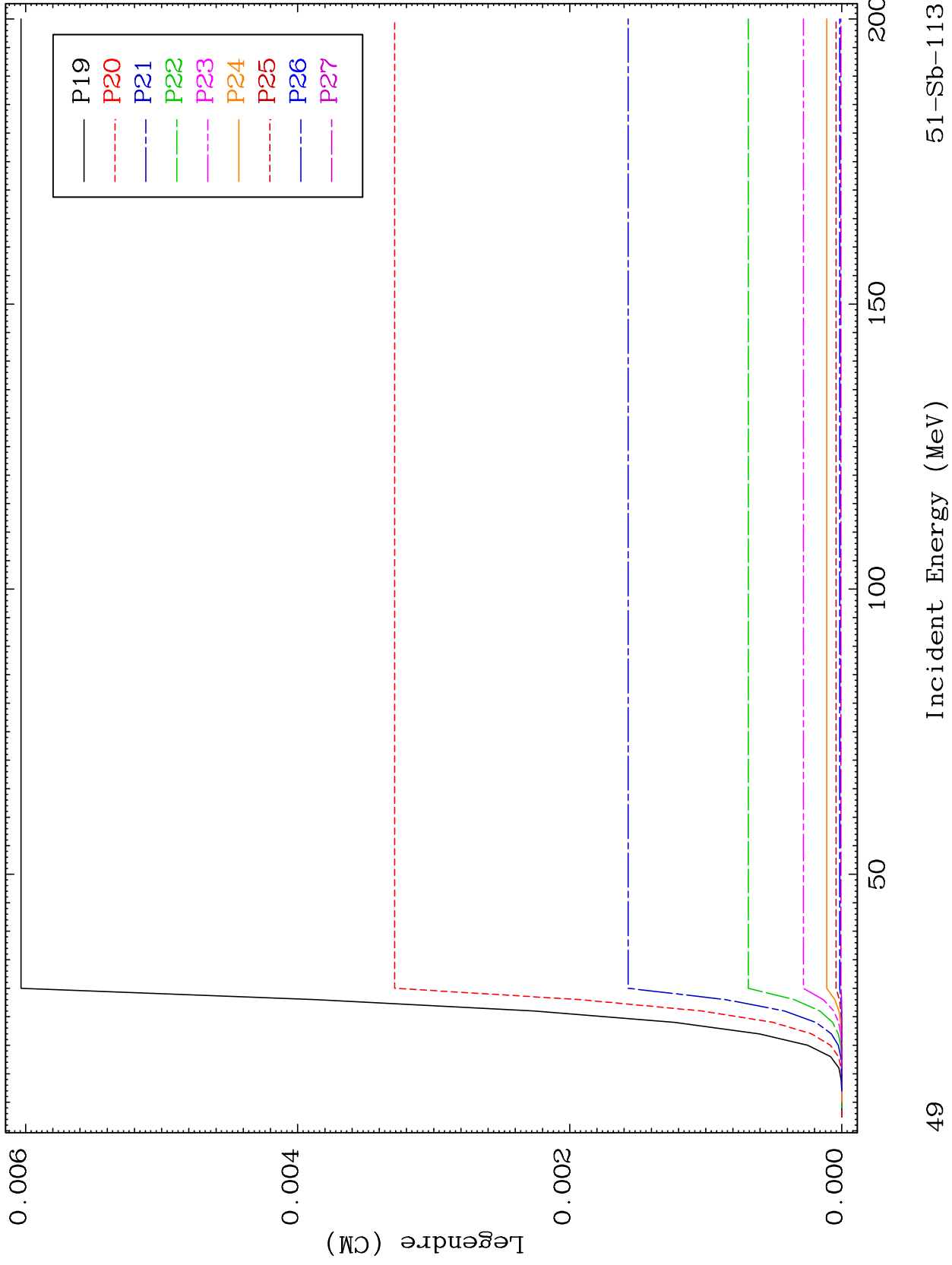
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

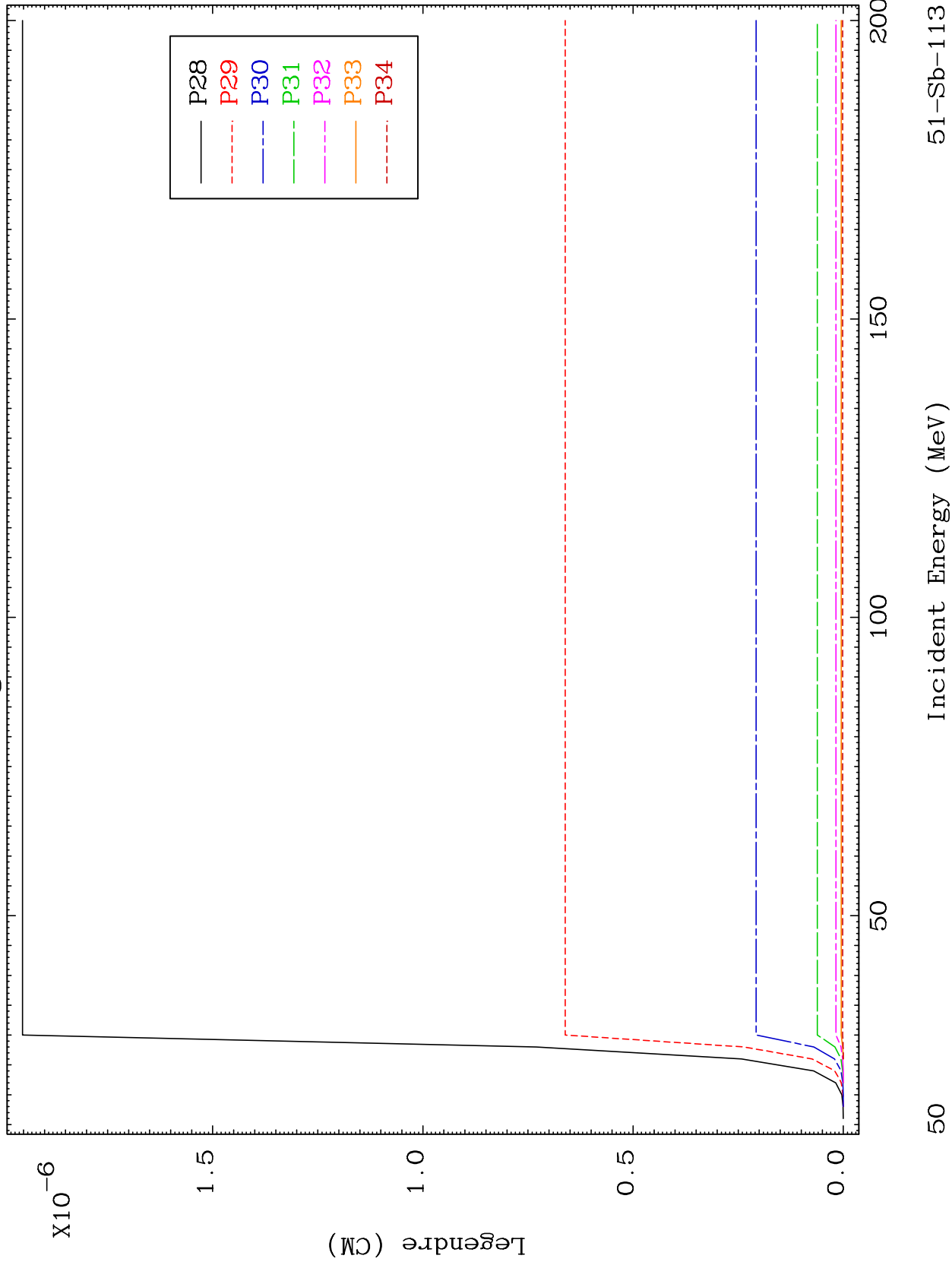
51-Sb-113



MAT 5101

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

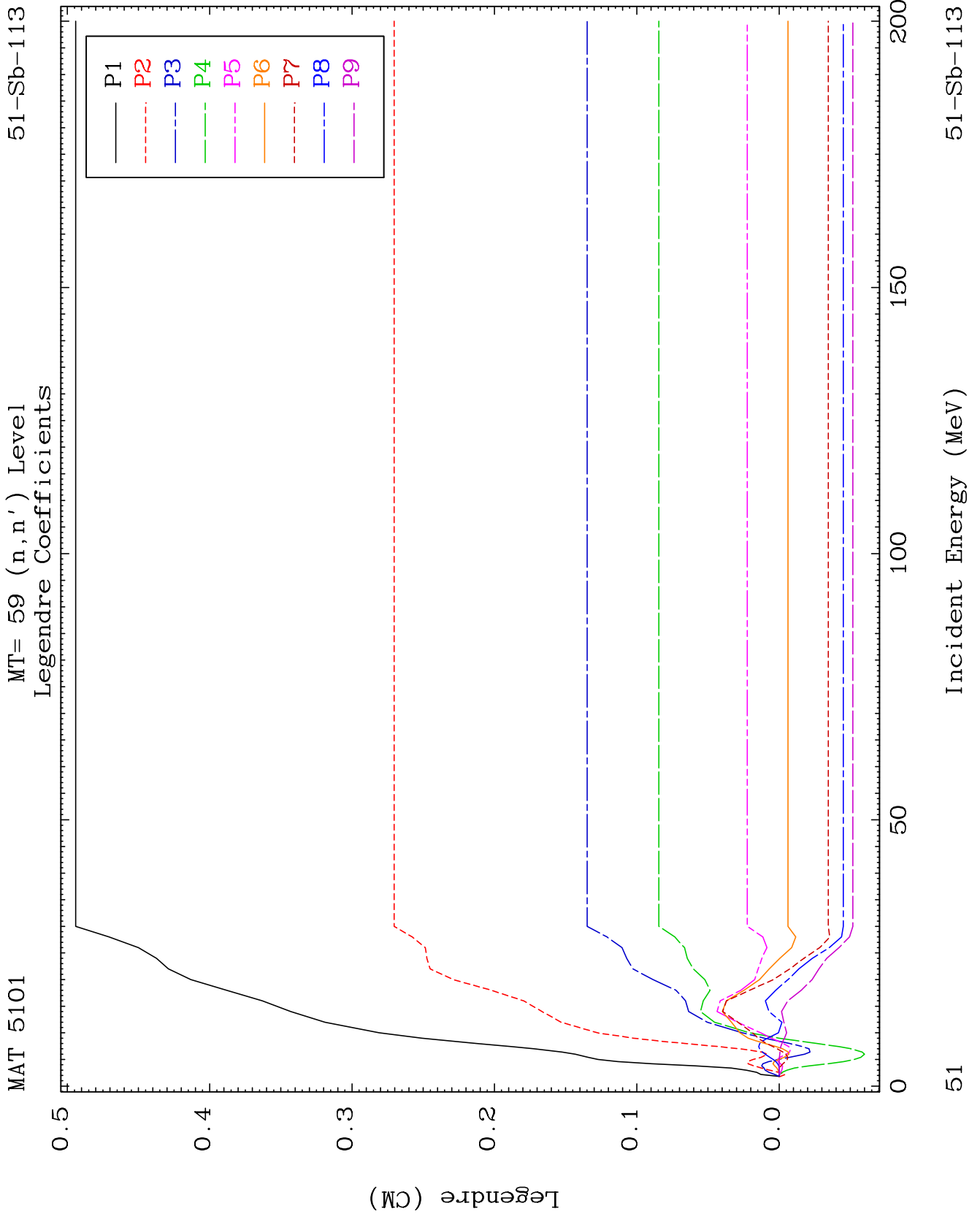
51-Sb-113



51-Sb-113

Incident Energy (MeV)

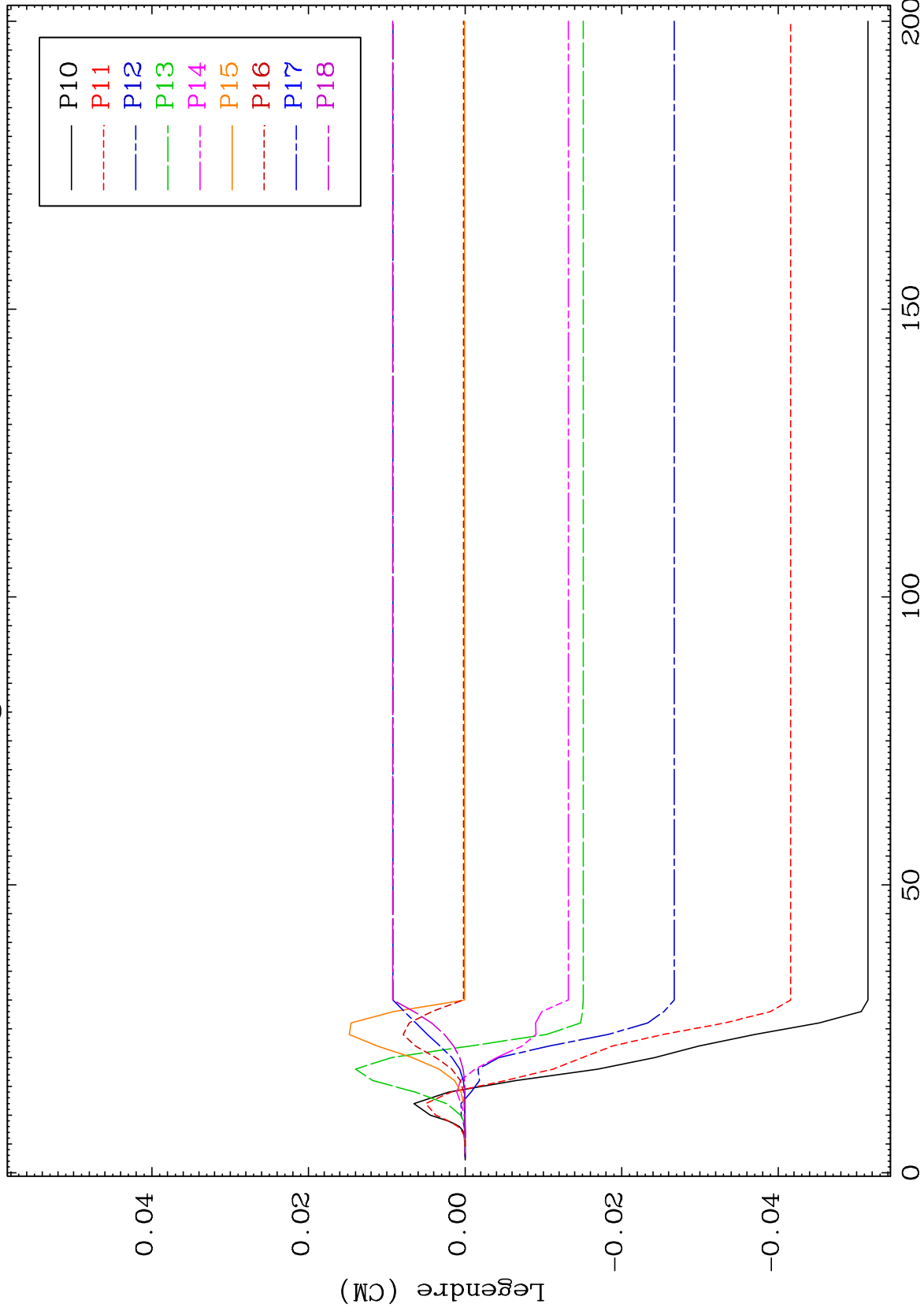
50



MAT 5101

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

51-Sb-113



52

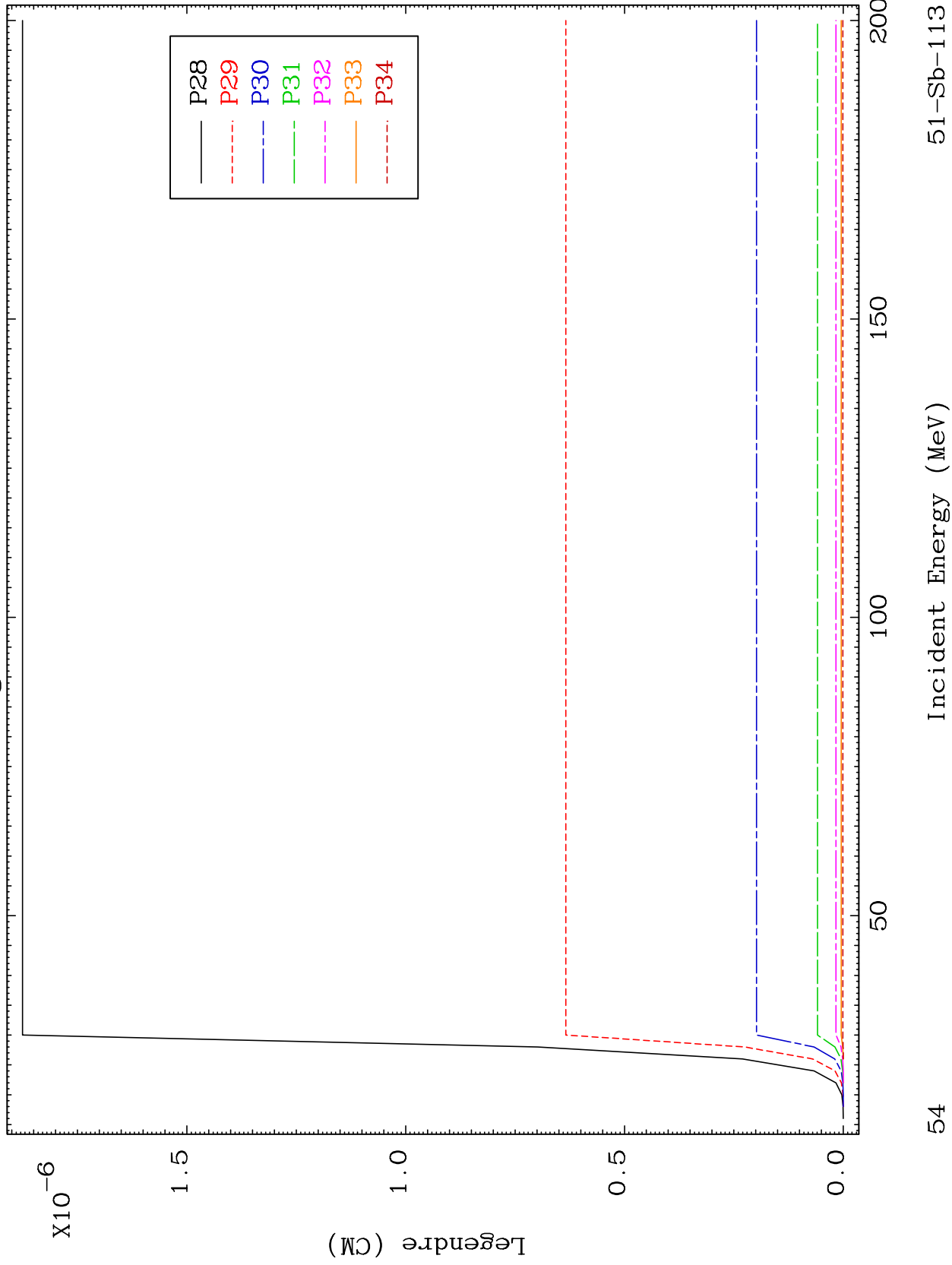
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



54

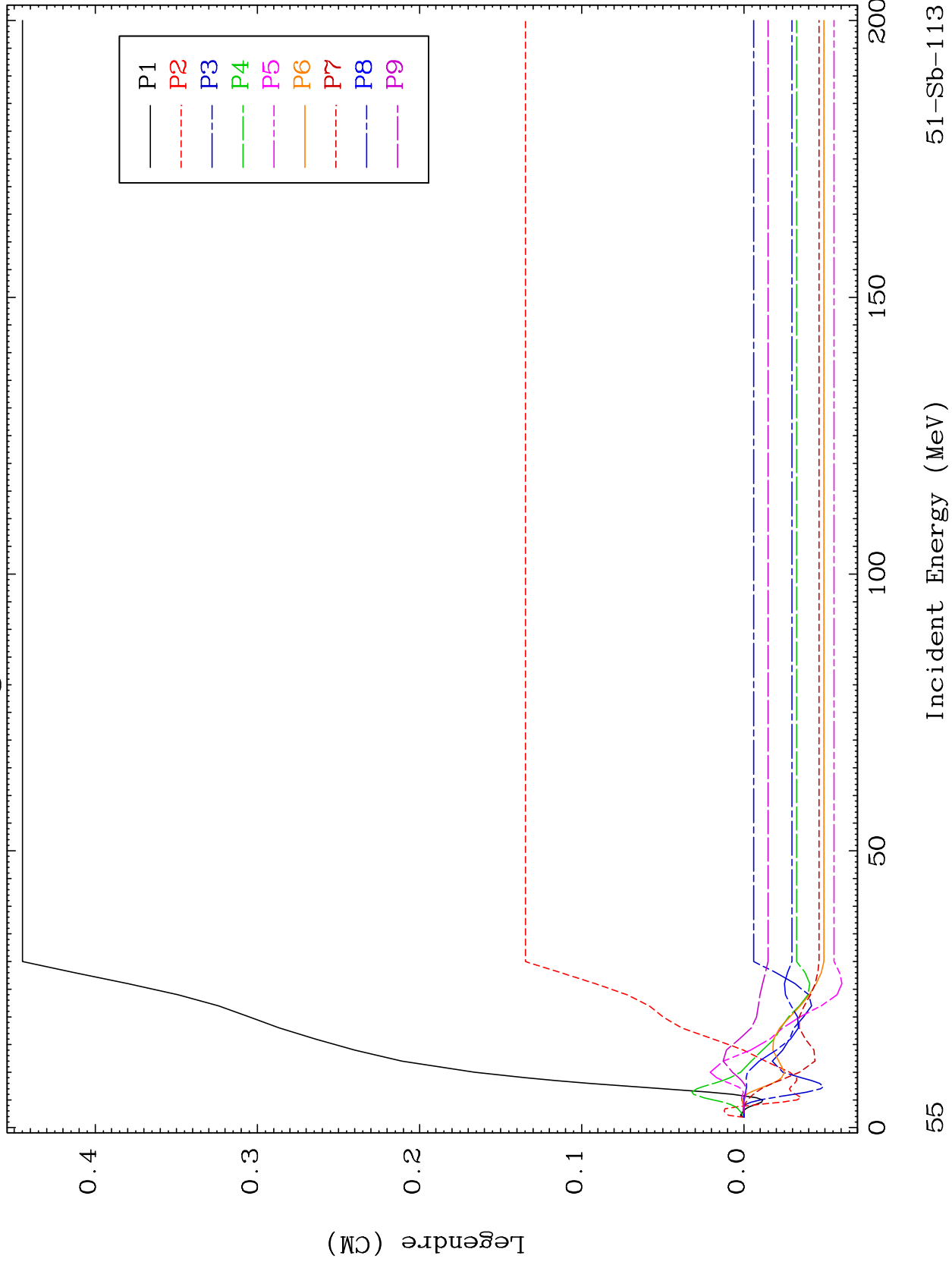
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

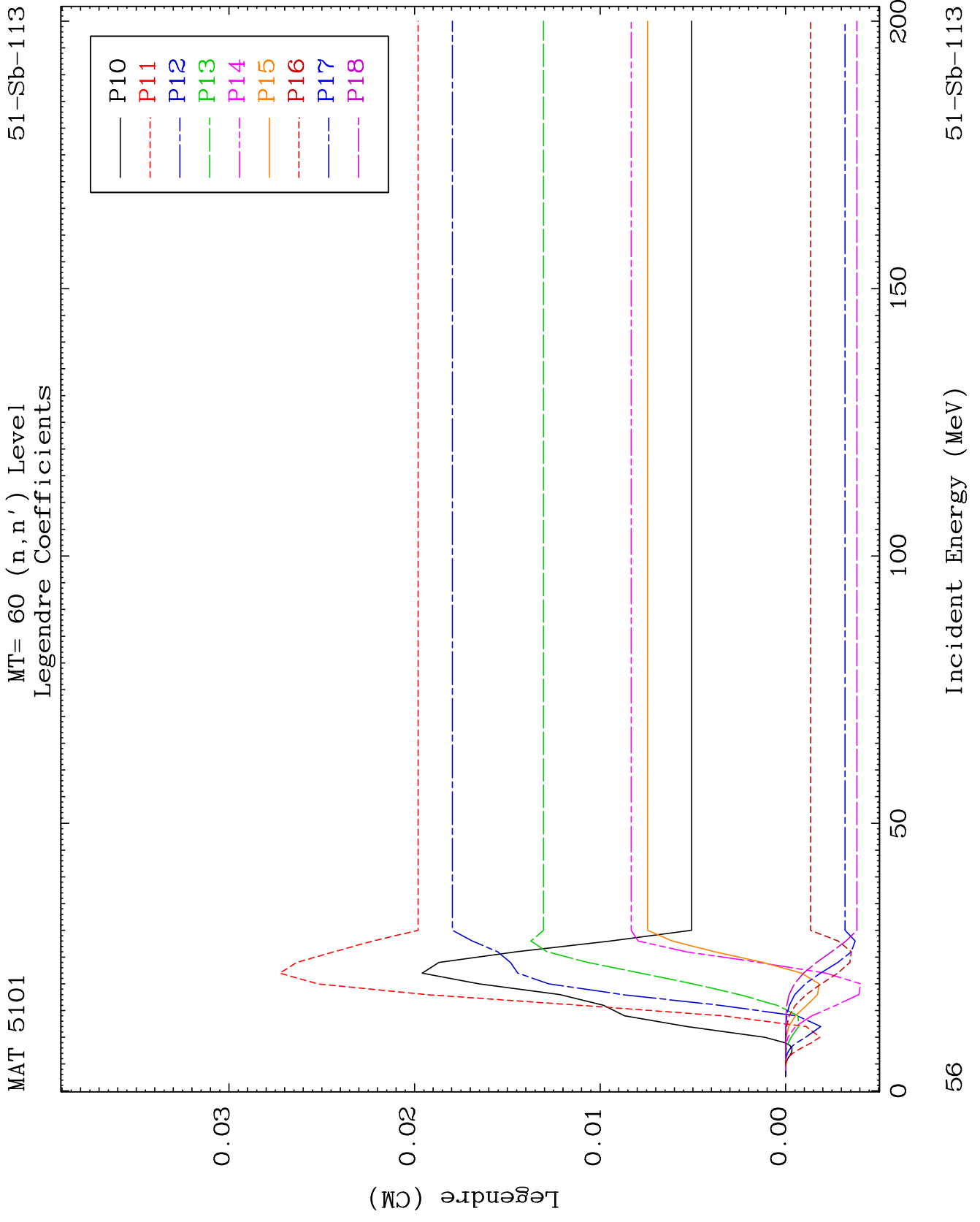
51-Sb-113

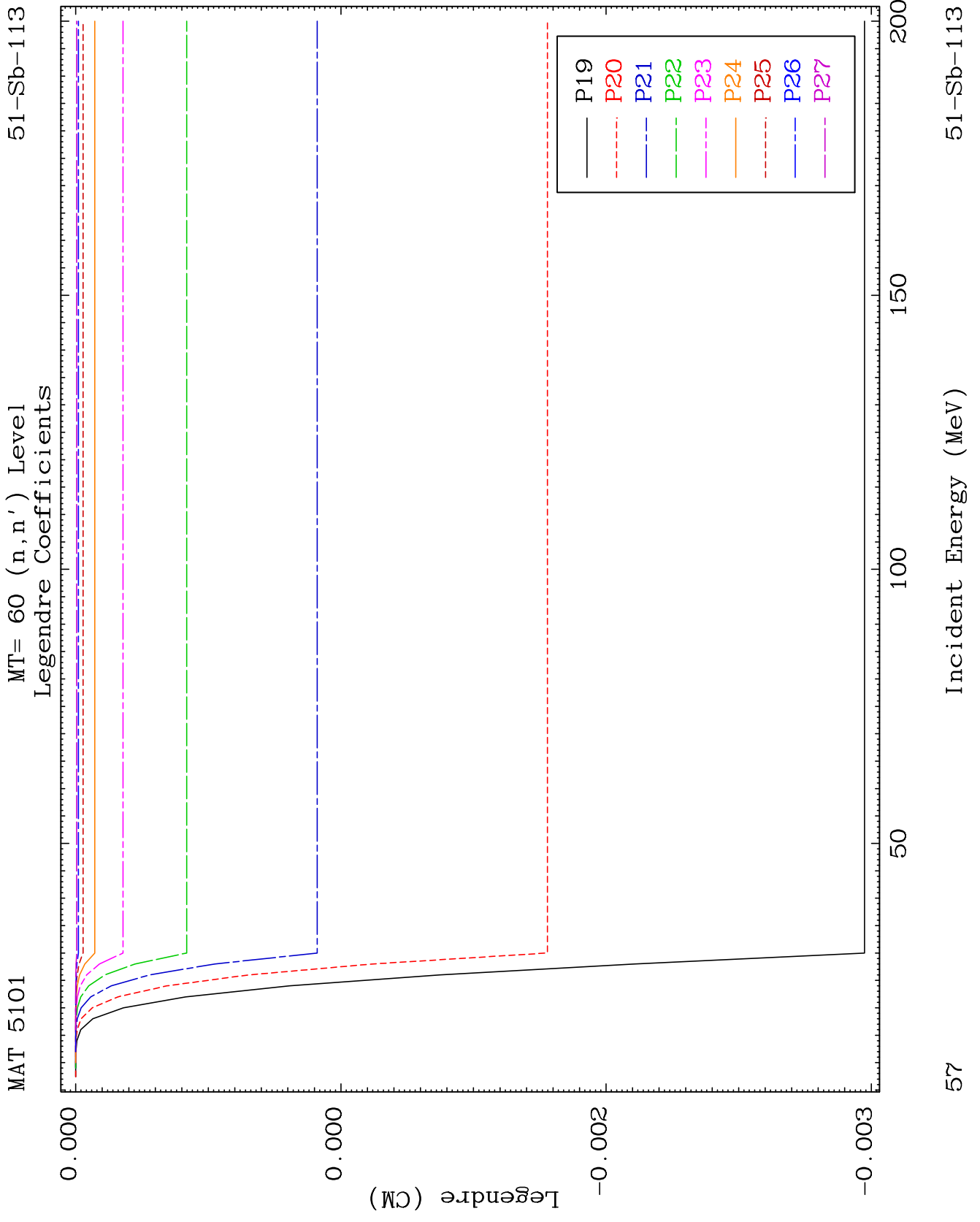


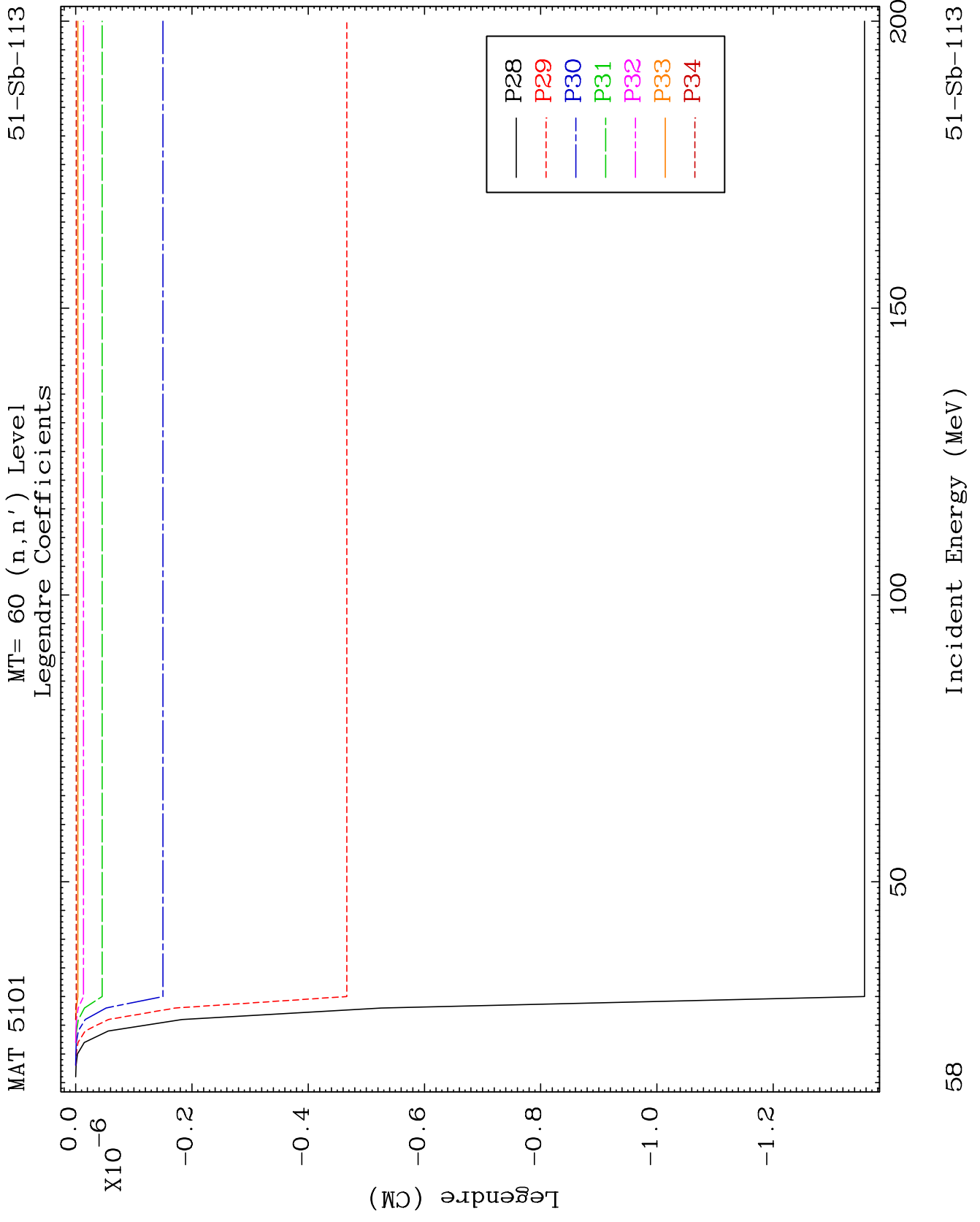
51-Sb-113

Incident Energy (MeV)

55



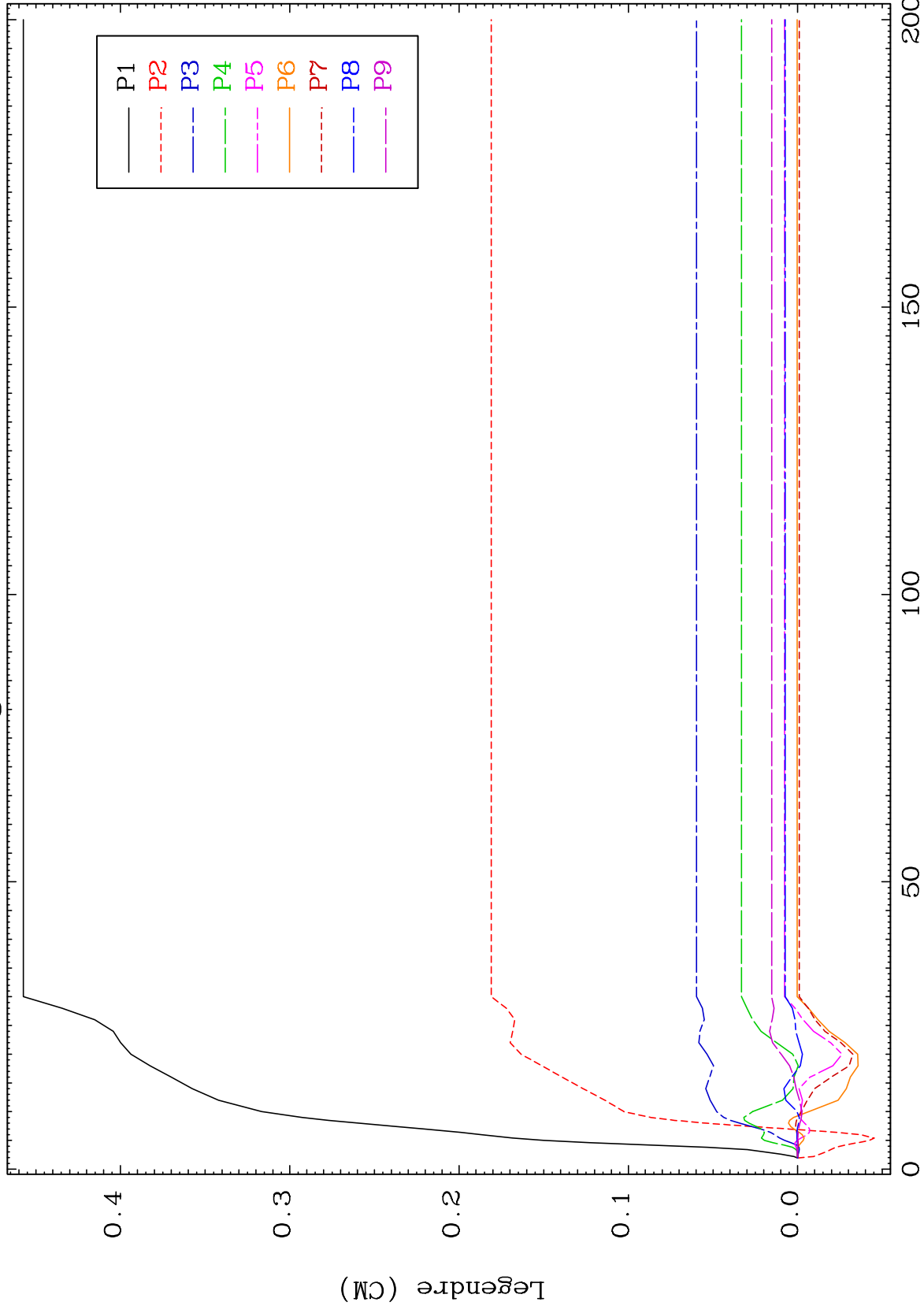




MAT 5101

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

51-Sb-113



51-Sb-113

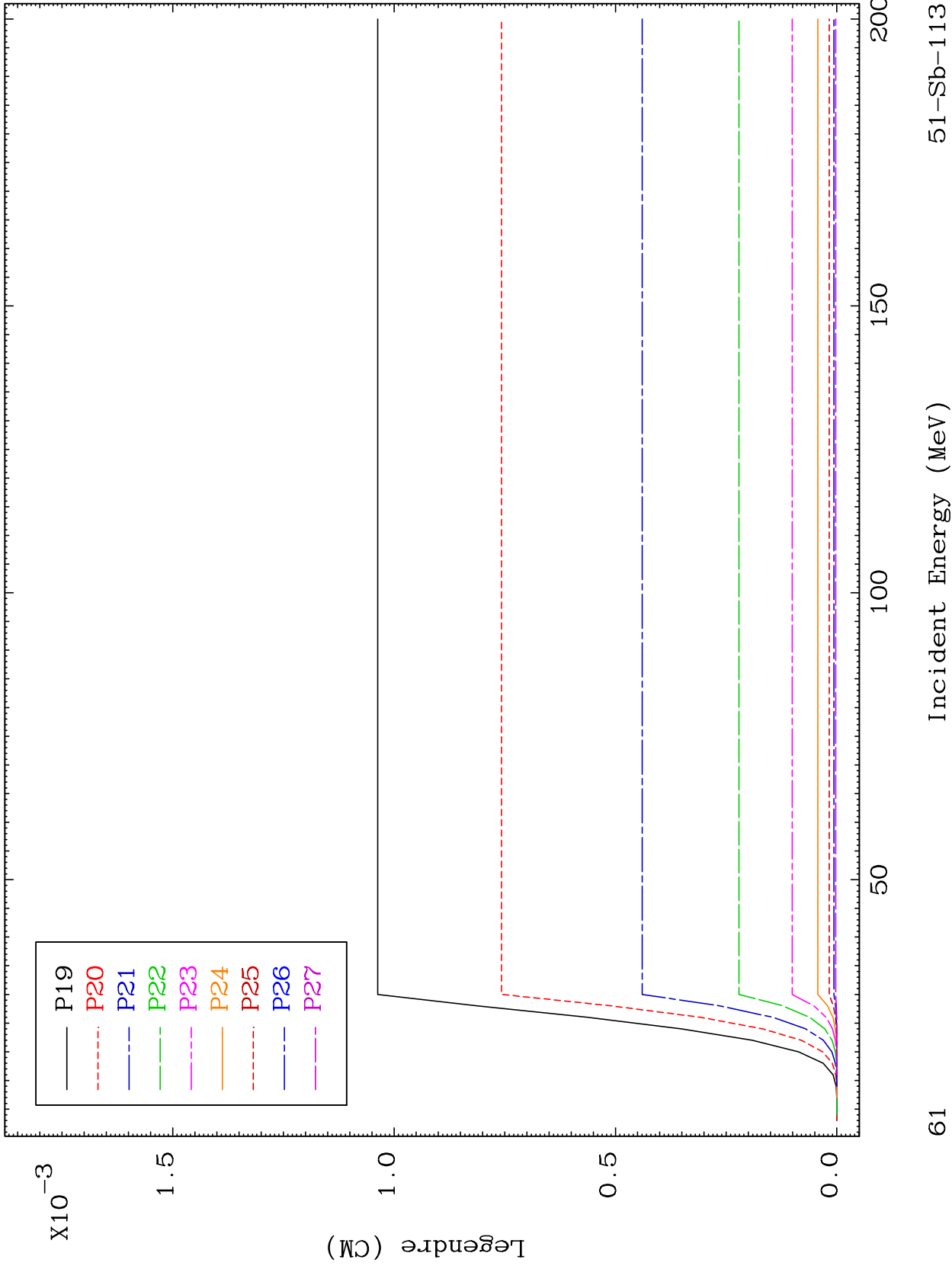
Incident Energy (MeV)

59

MAT 5101

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

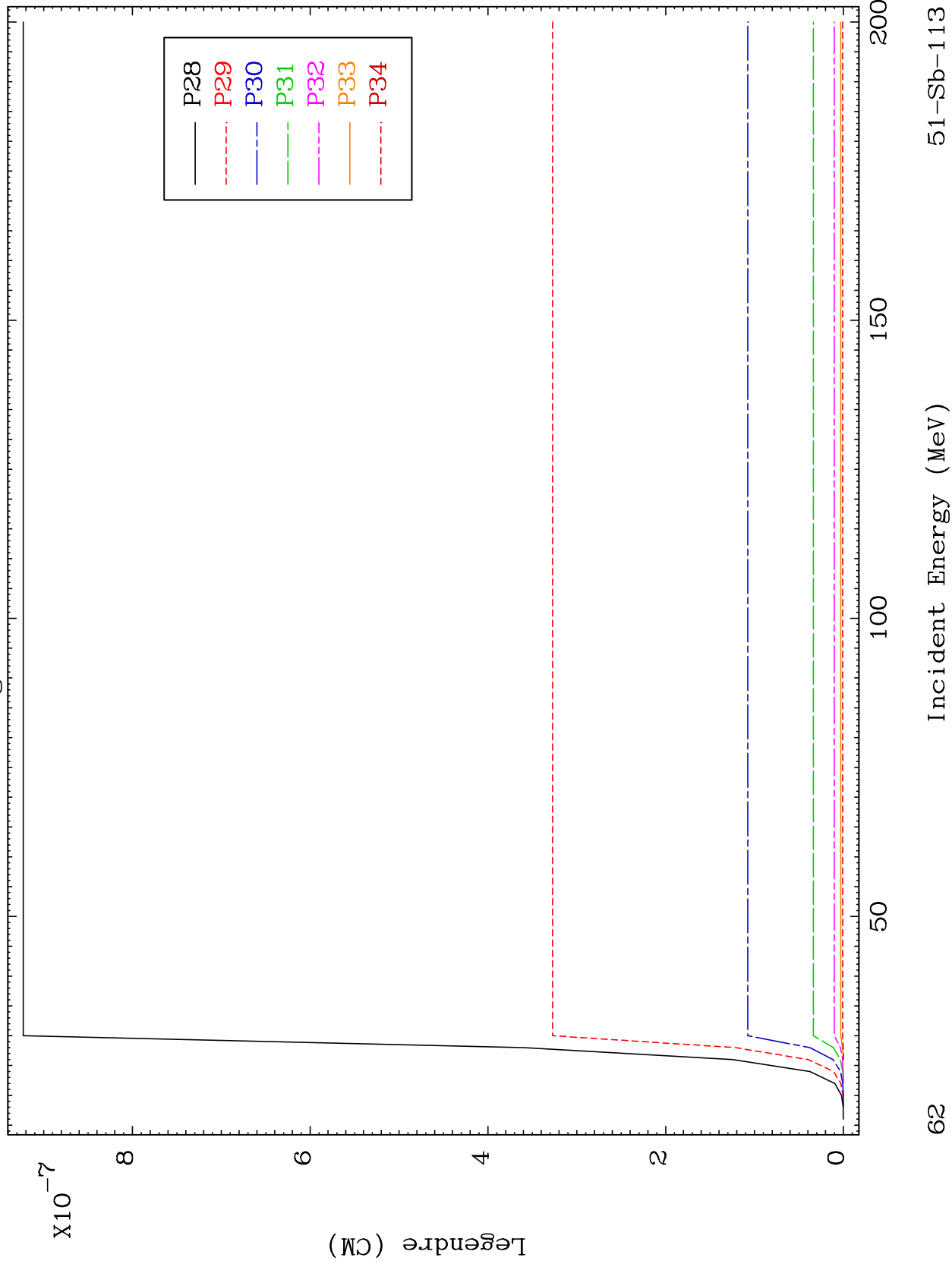
51-Sb-113

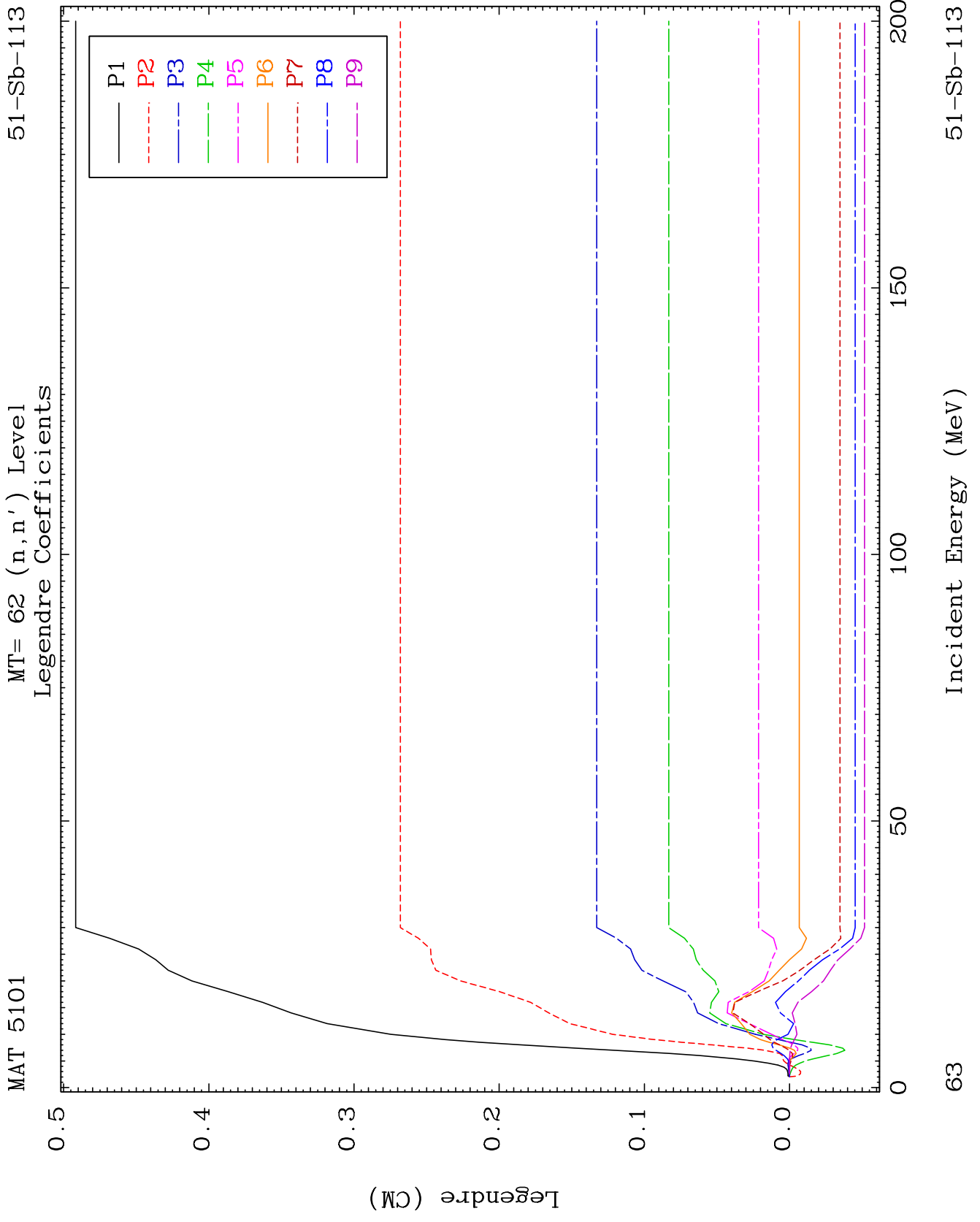


MAT 5101

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

51-Sb-113

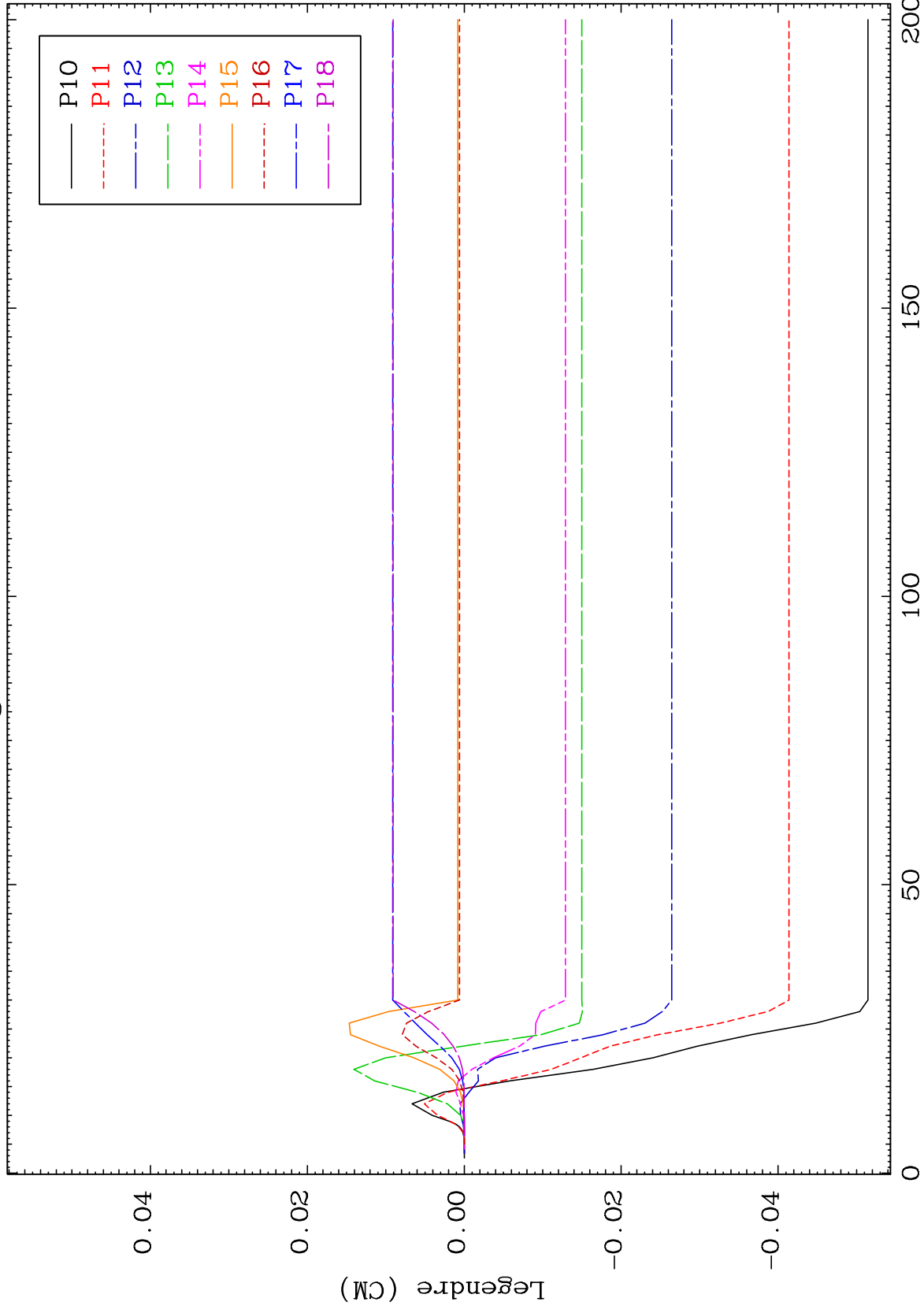




MAT 5101

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

51-Sb-113



64

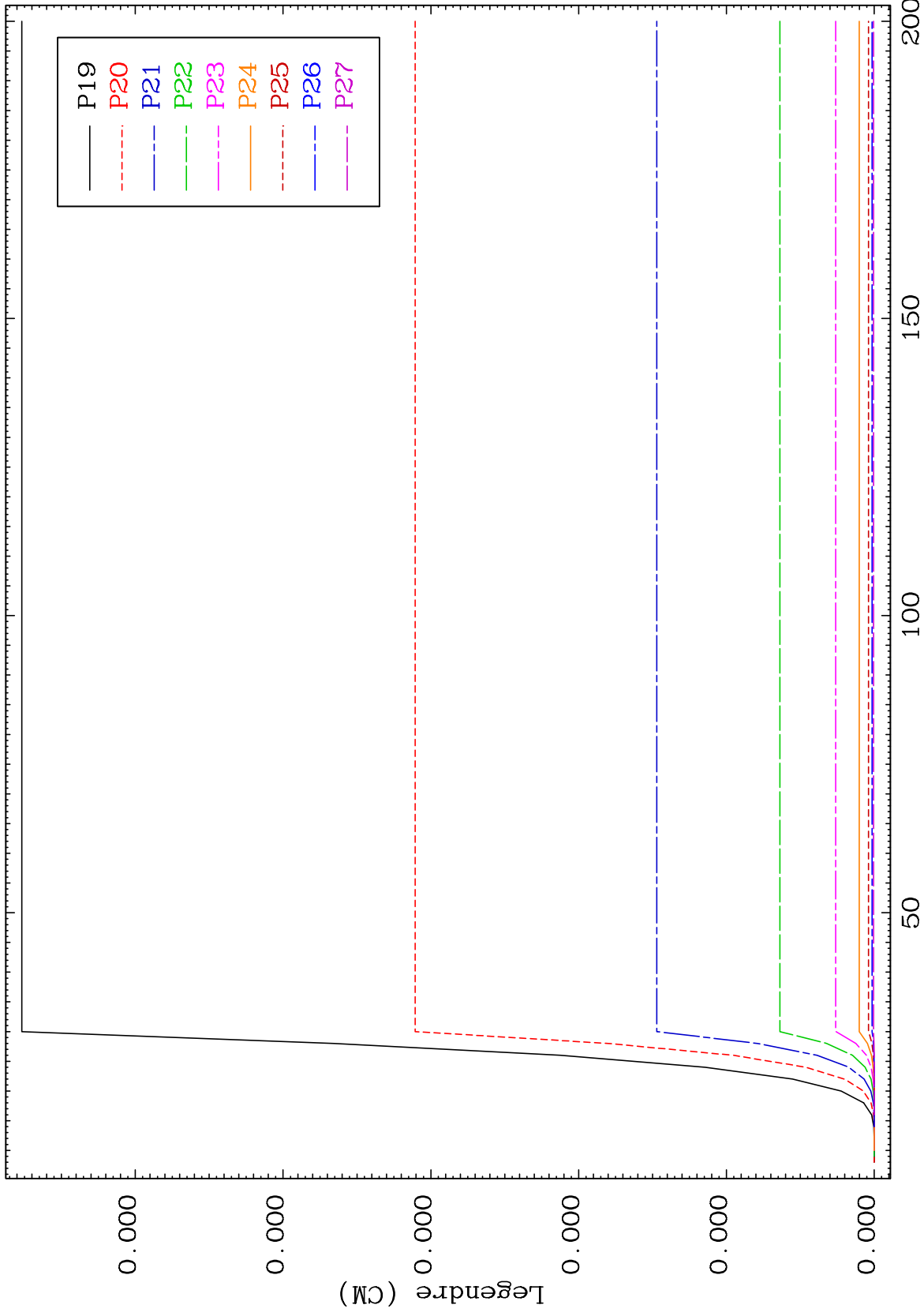
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



65

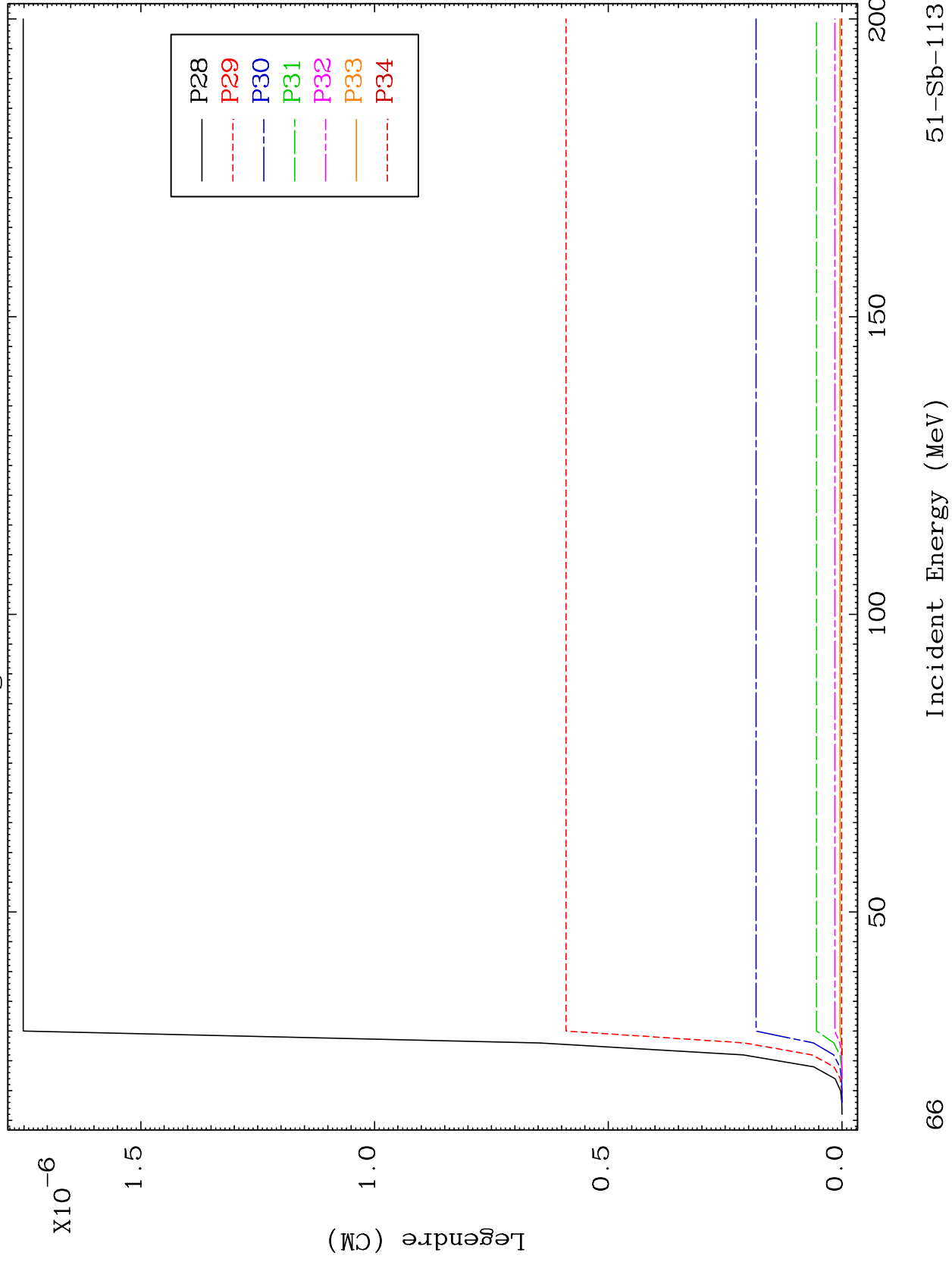
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

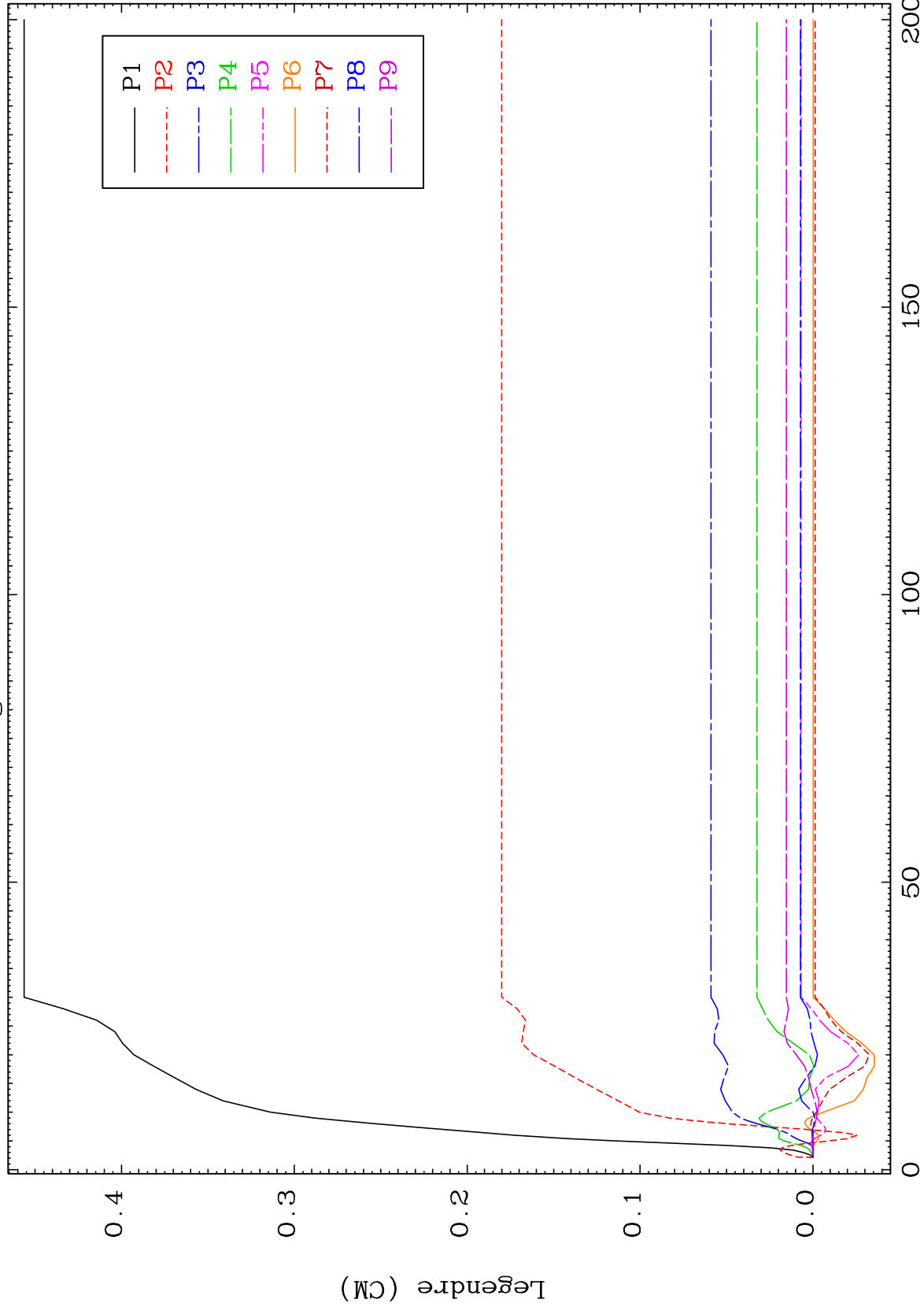
51-Sb-113



MAT 5101

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

51-Sb-113



51-Sb-113

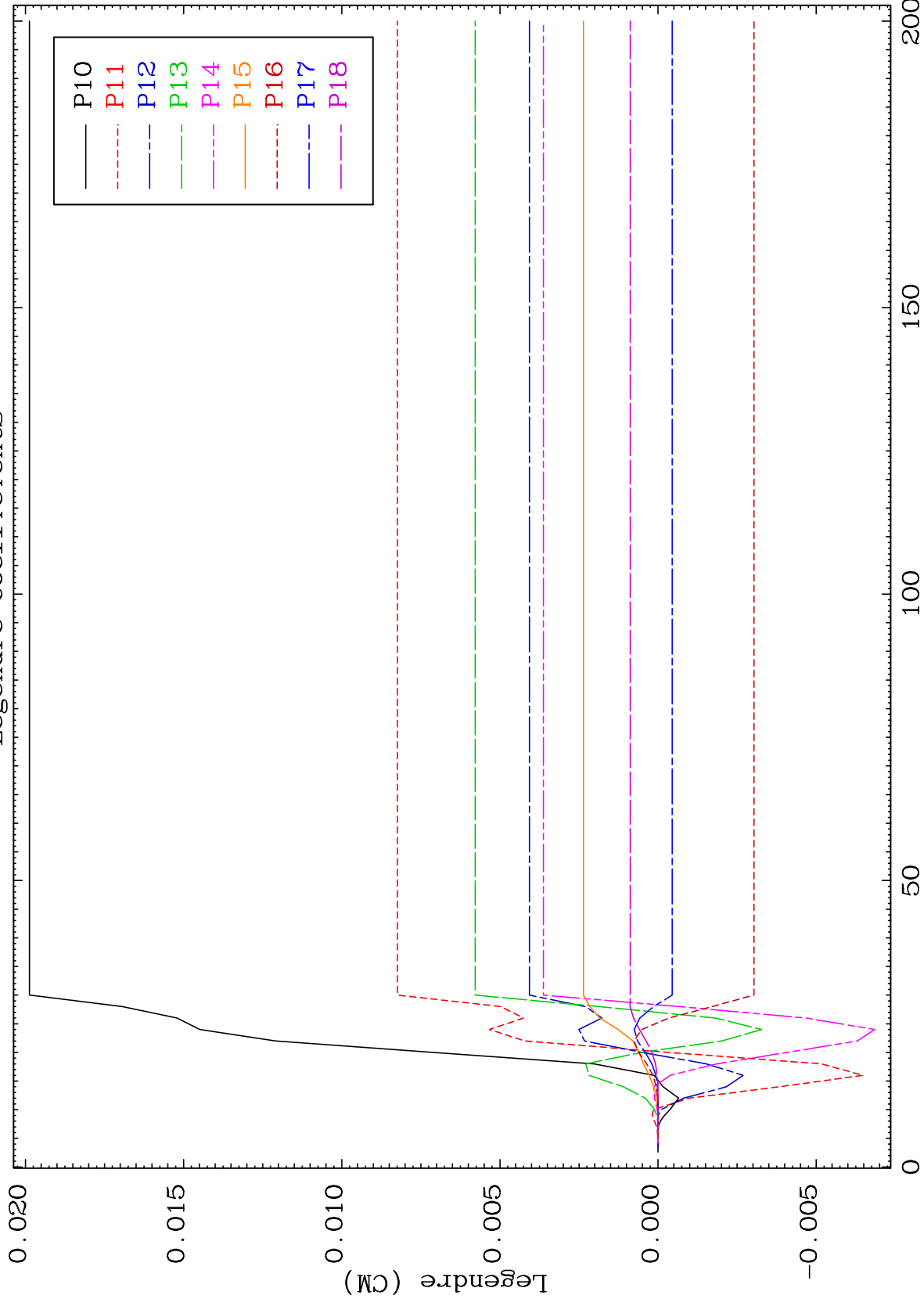
Incident Energy (MeV)

67

MAT 5101

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

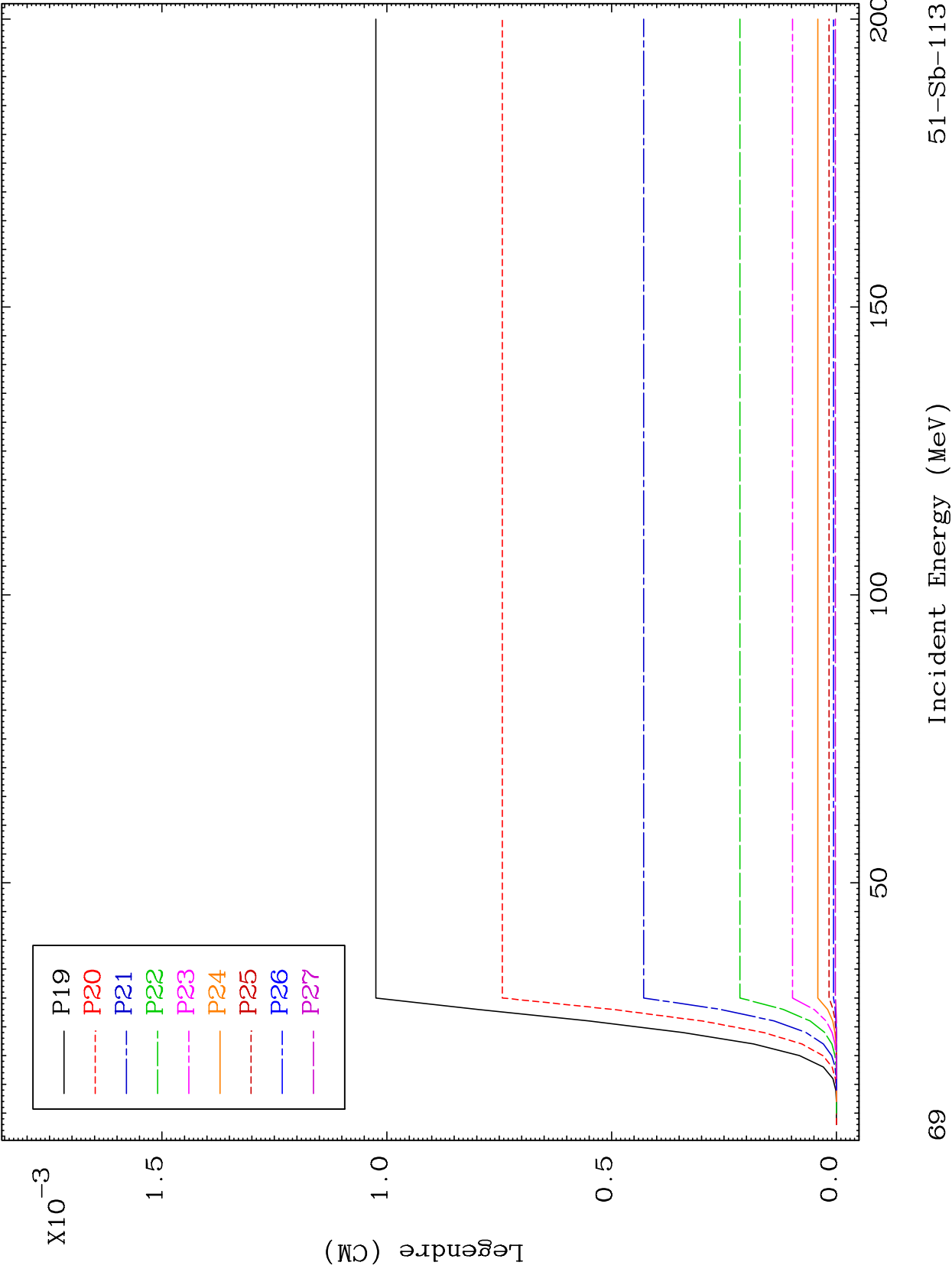
51-Sb-113



68

Incident Energy (MeV)

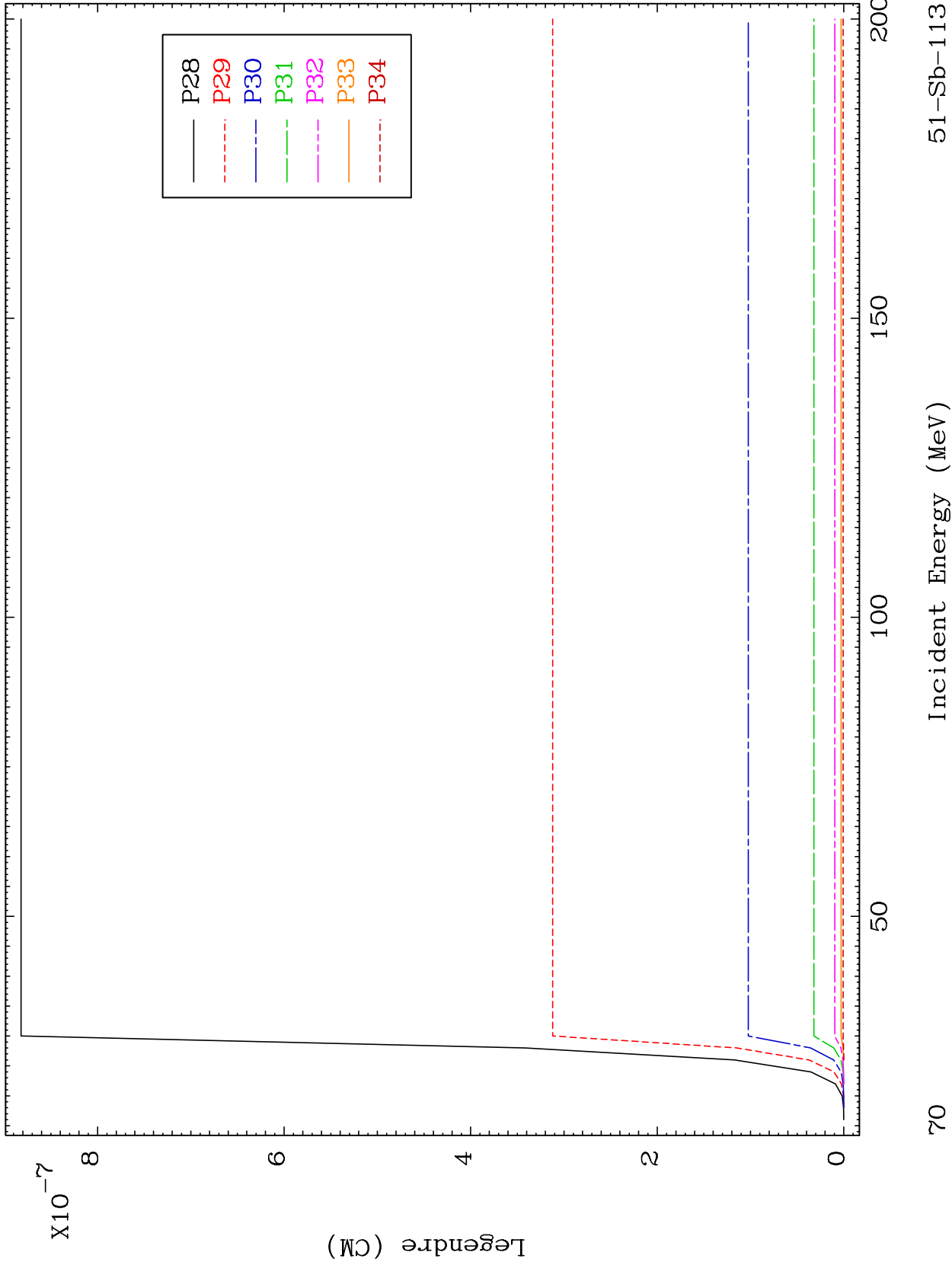
51-Sb-113



MAT 5101

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

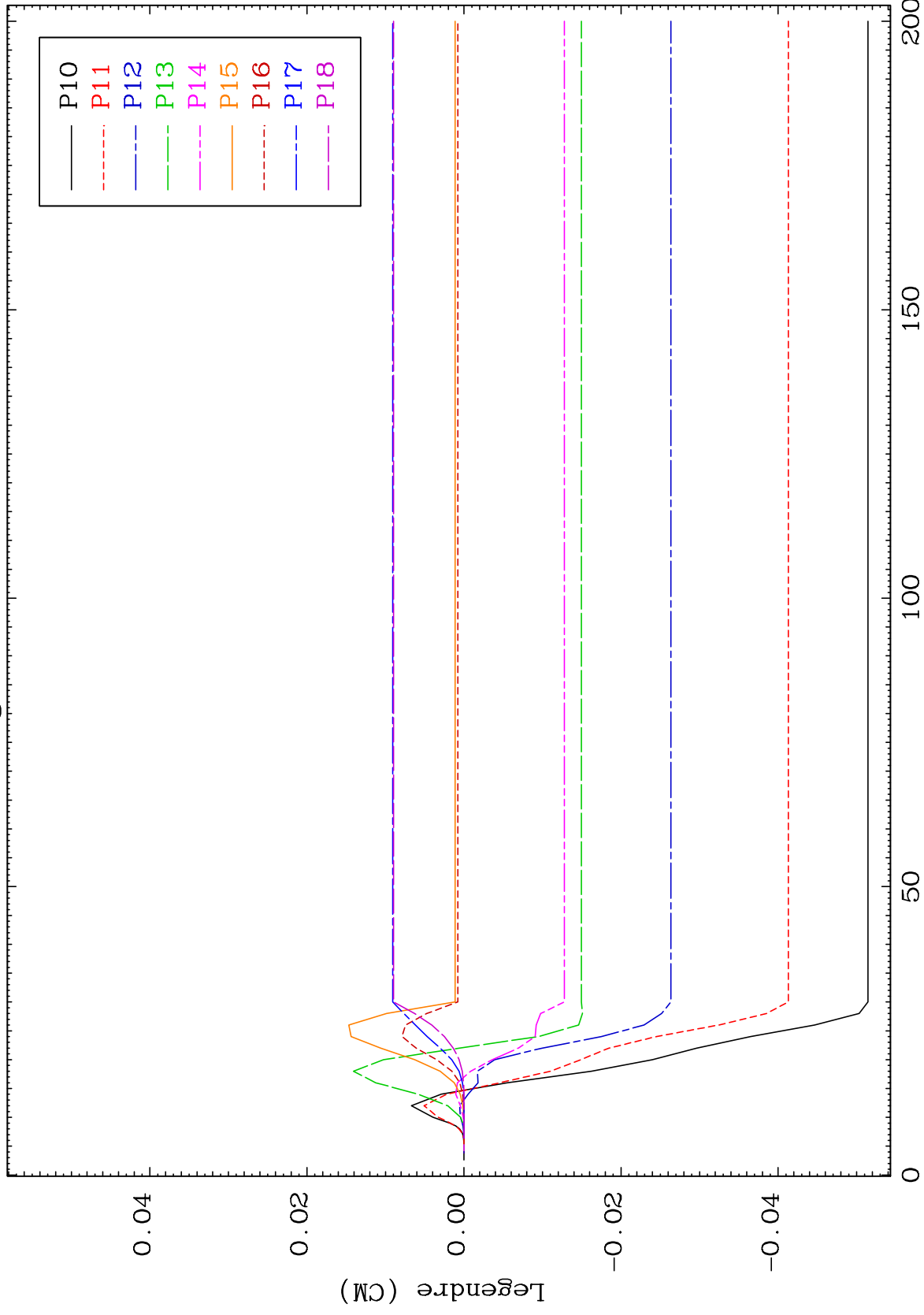
51-Sb-113



MAT 5101

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

51-Sb-113



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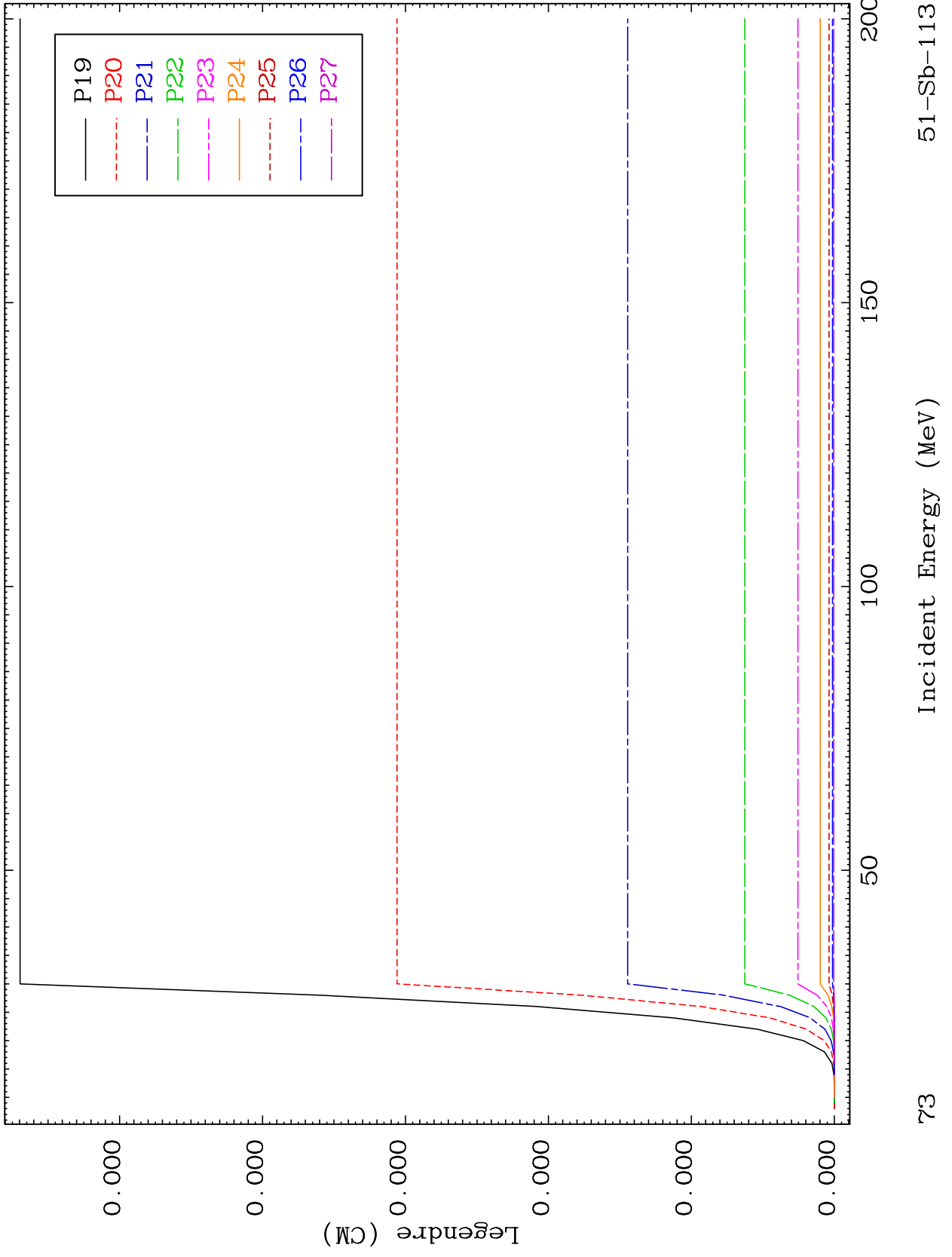
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

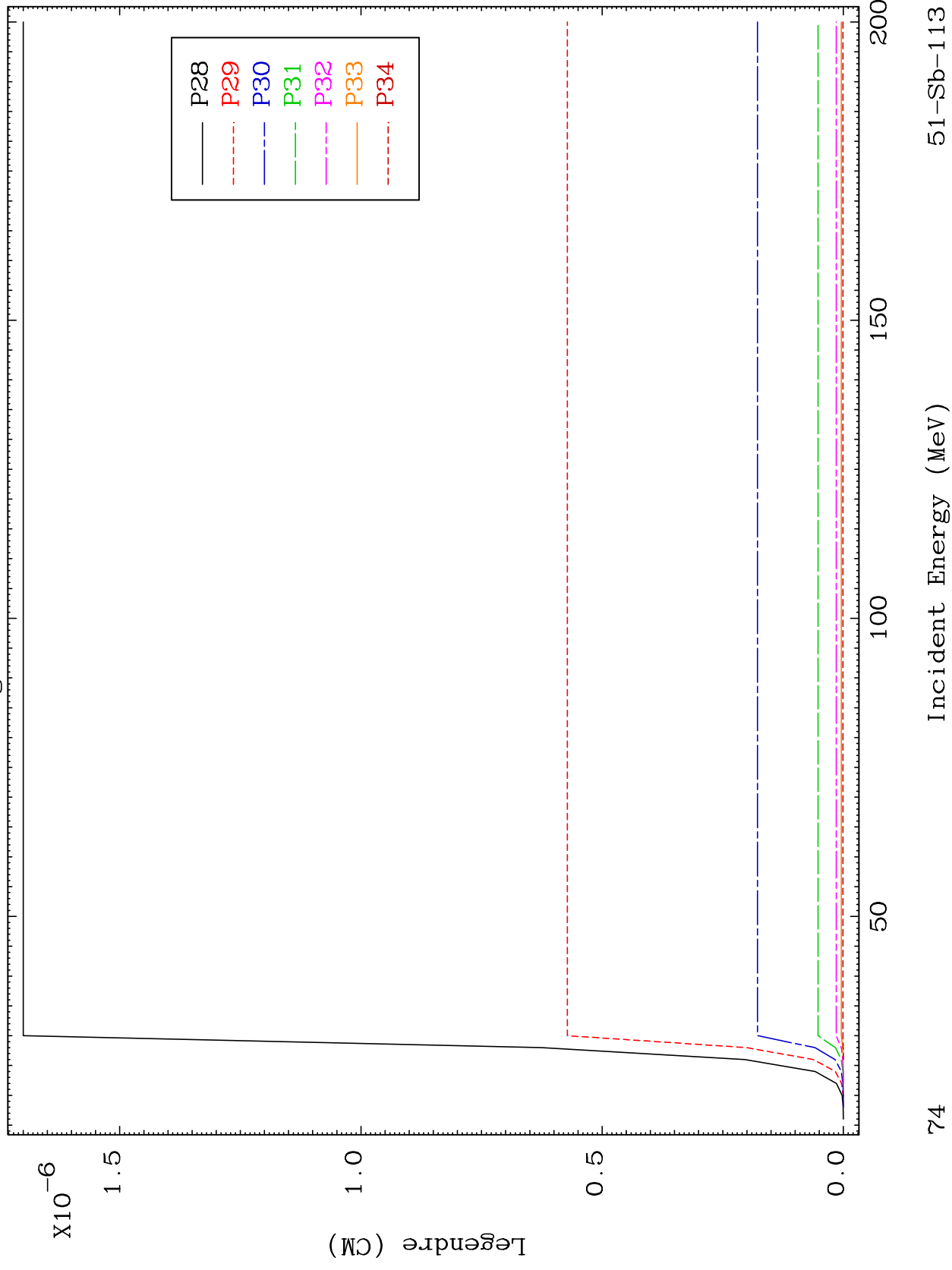
51-Sb-113



MAT 5101

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

51-Sb-113



74

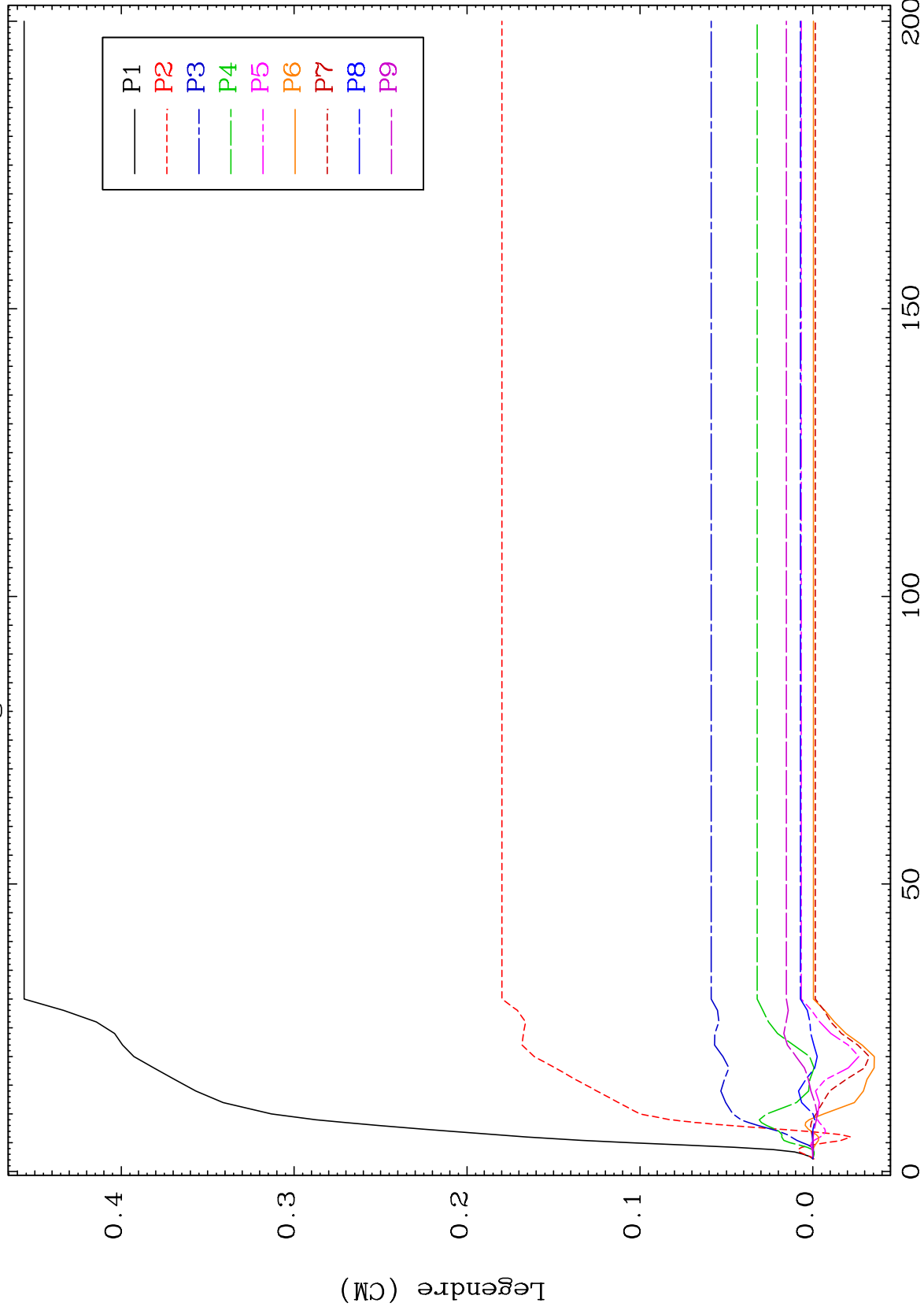
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



51-Sb-113

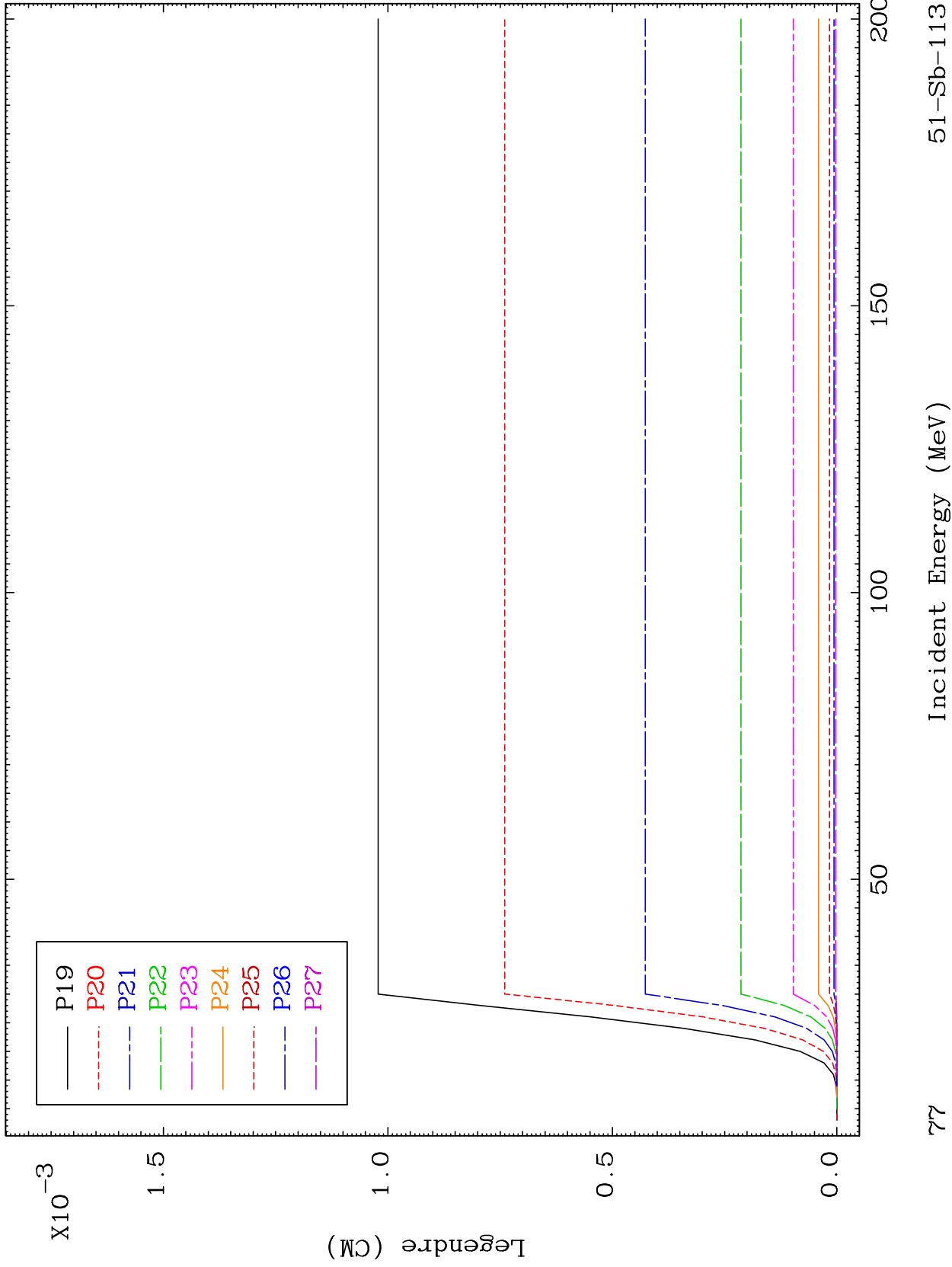
Incident Energy (MeV)

75

MAT 5101

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

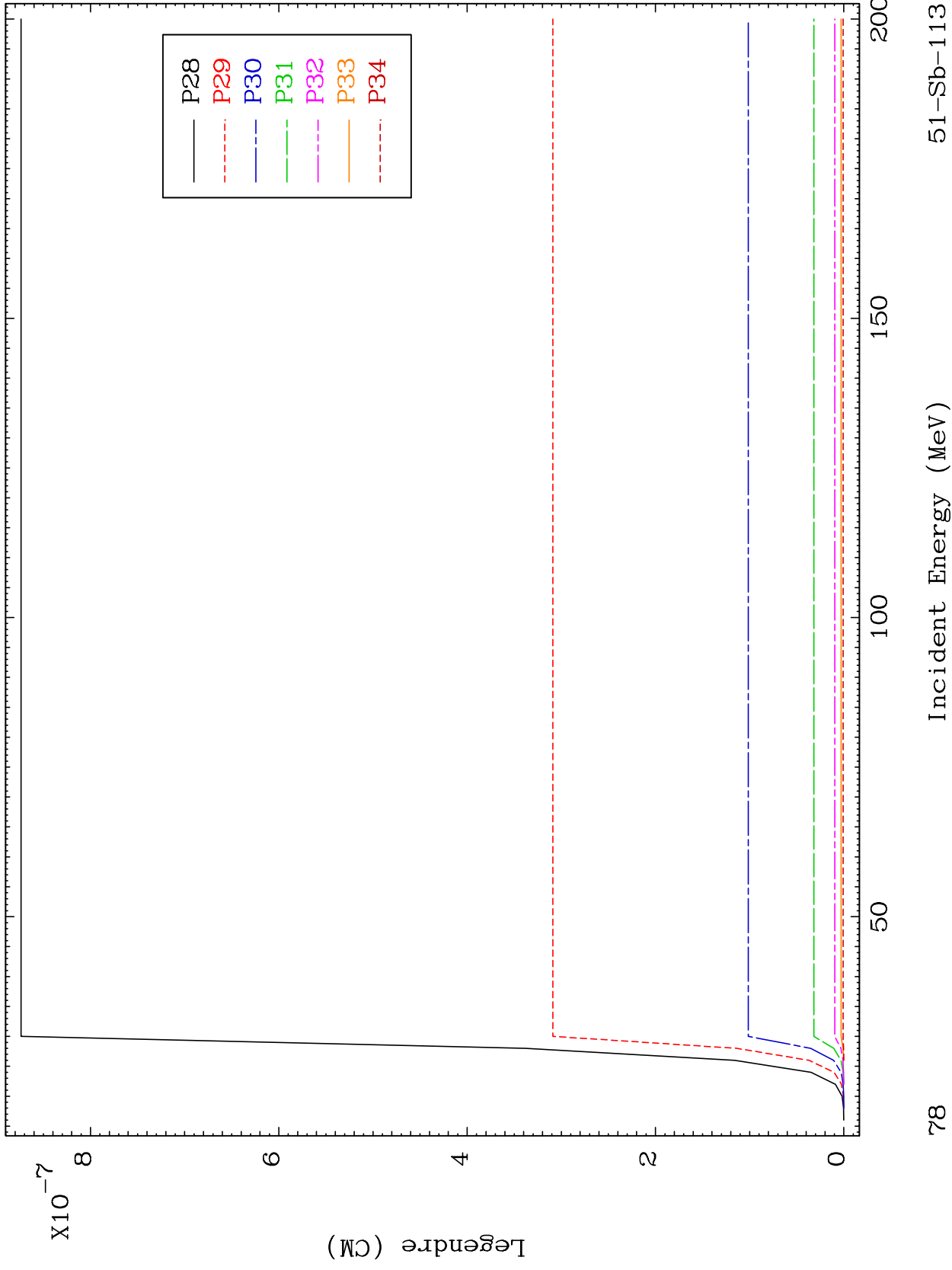
51-Sb-113

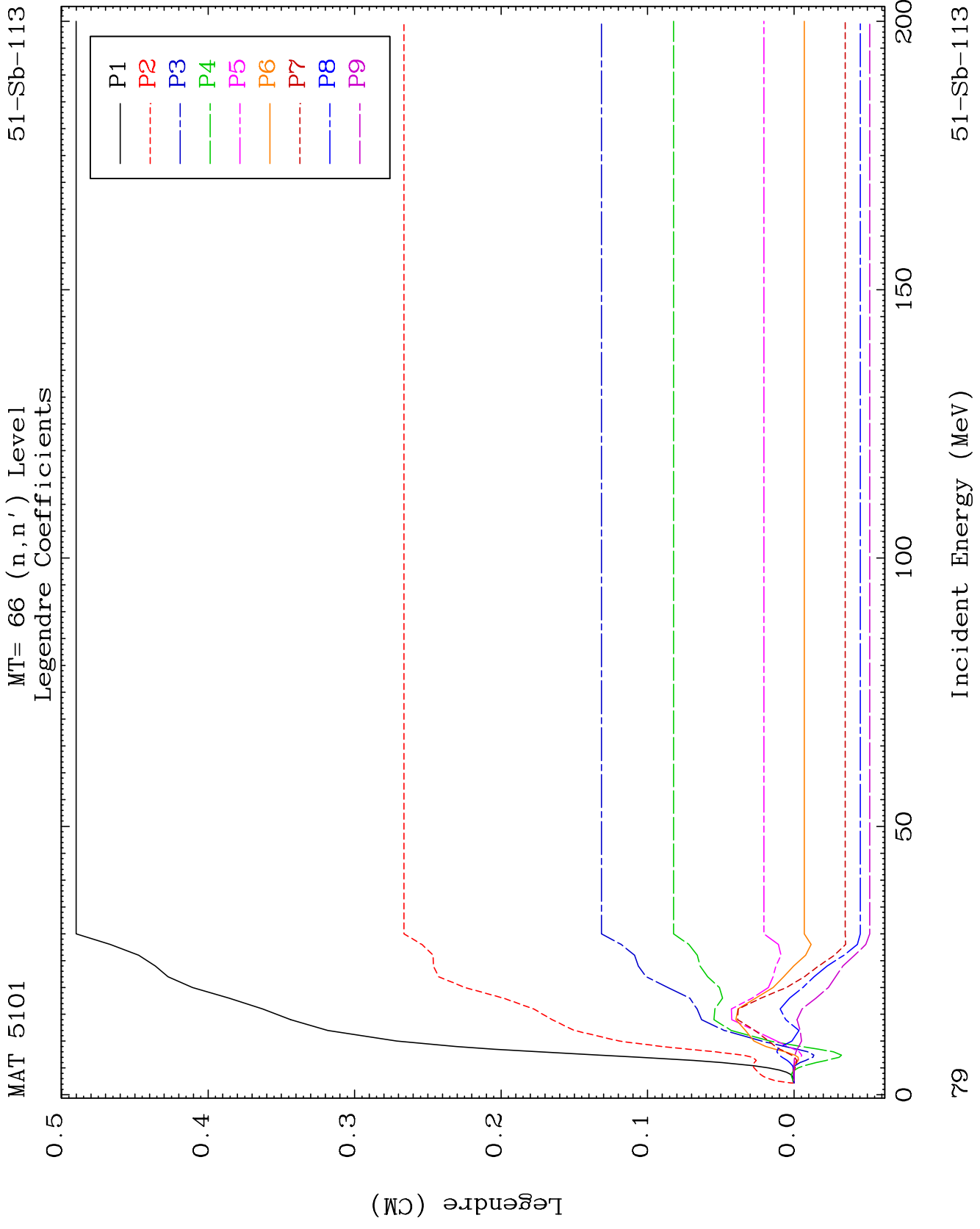


MAT 5101

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

51-Sb-113

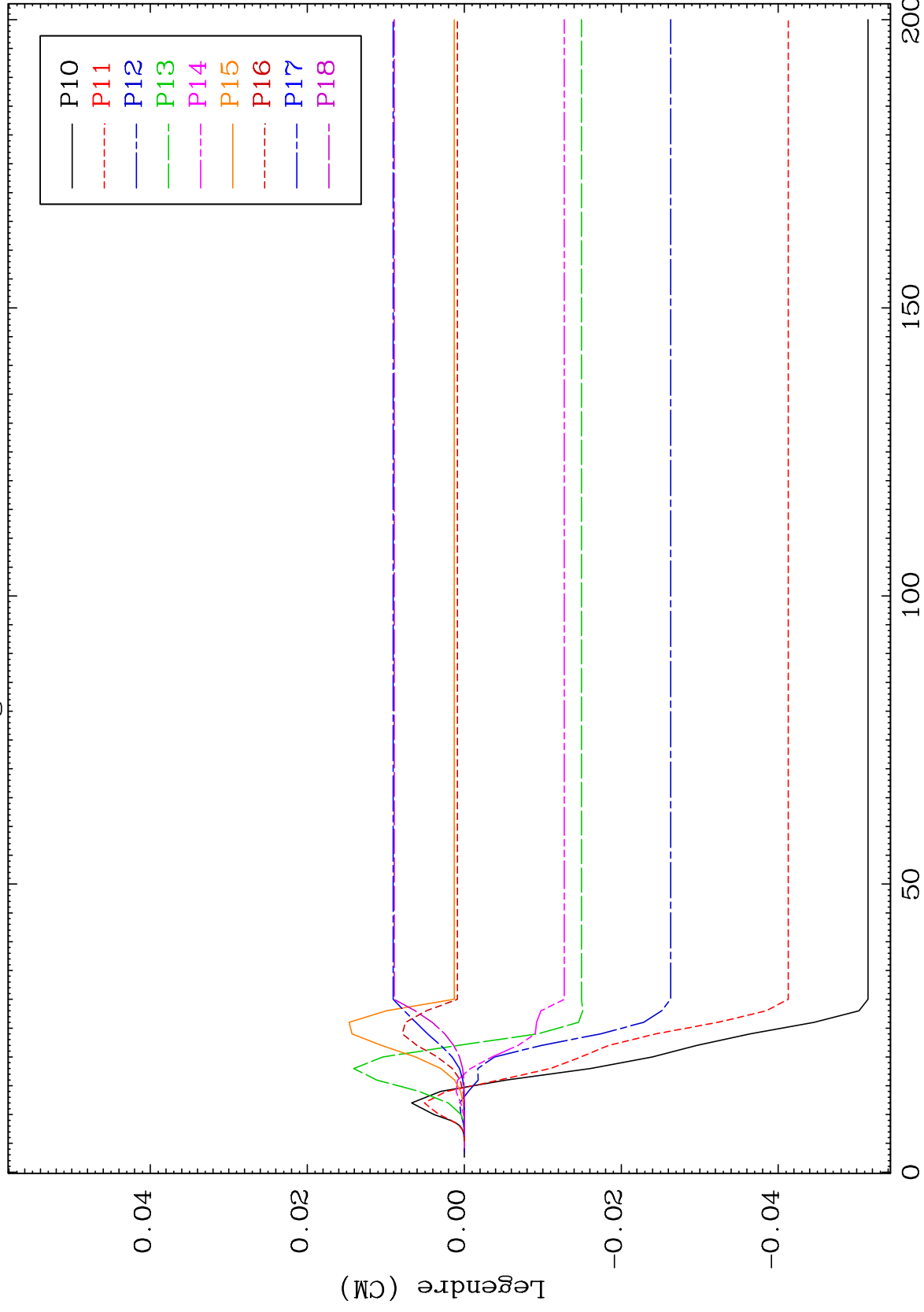




MAT 5101

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

51-Sb-113



80

Incident Energy (MeV)

50

100

150

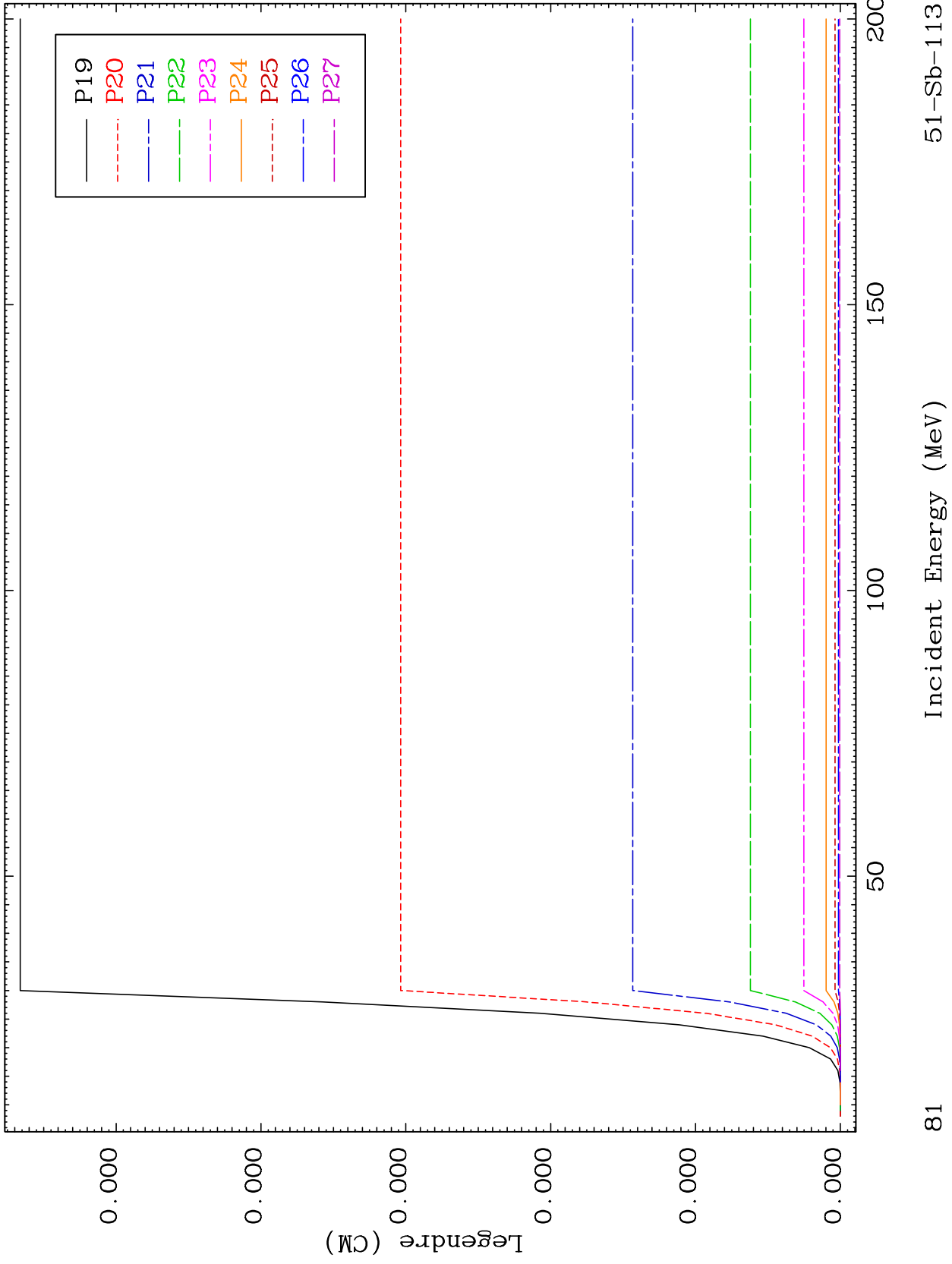
200

51-Sb-113

MAT 5101

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

51-Sb-113



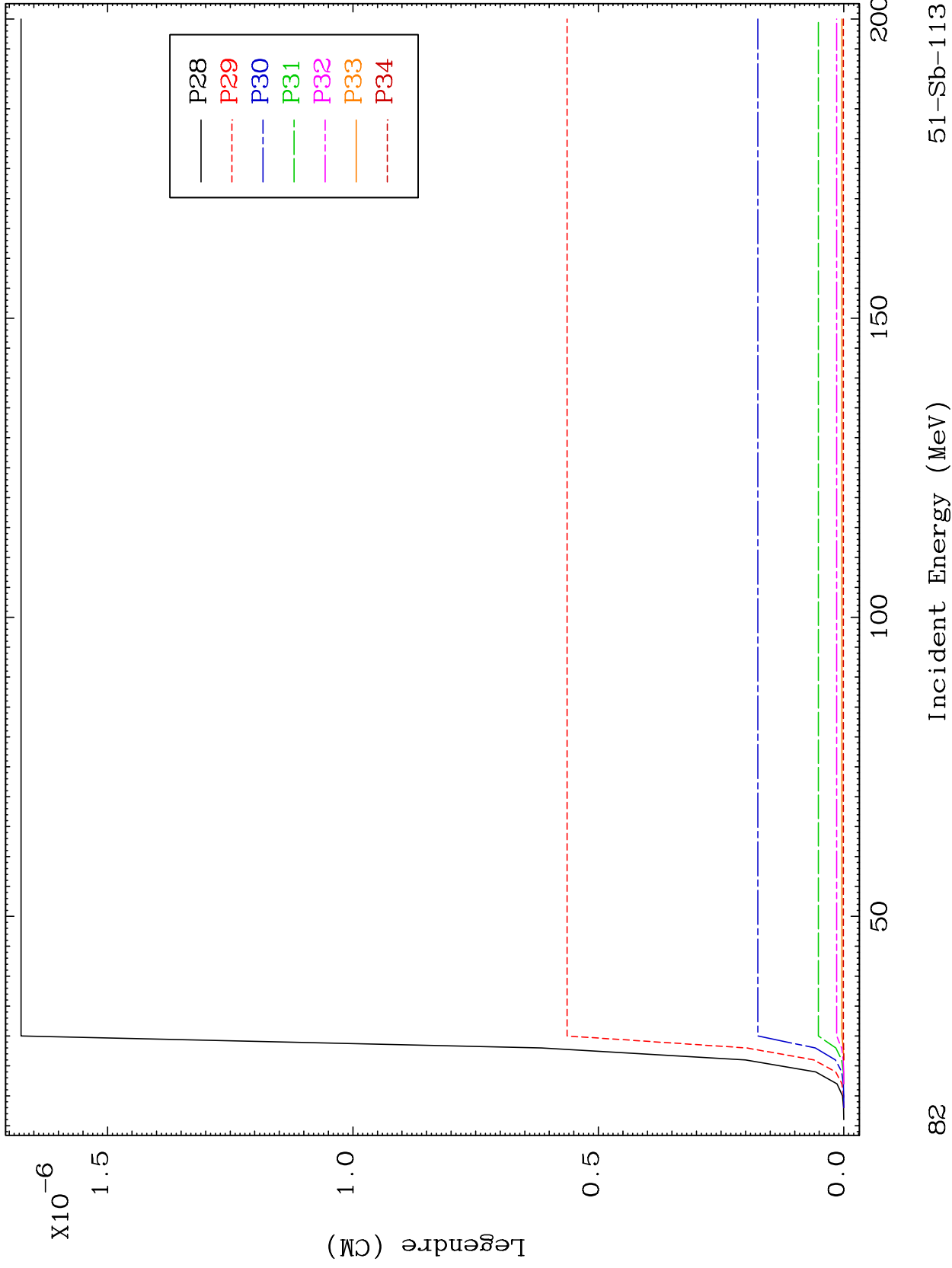
81

51-Sb-113

MAT 5101

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

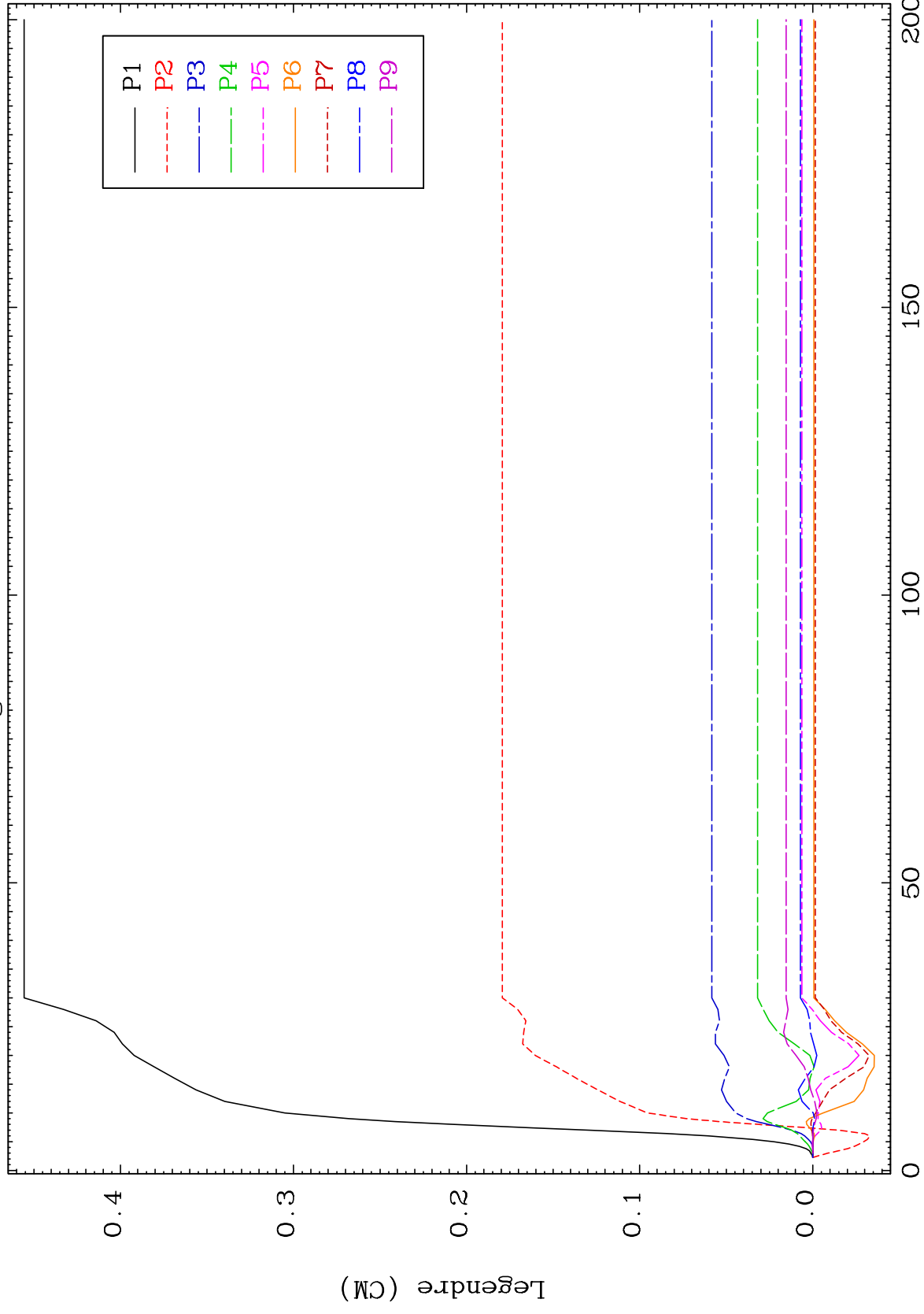
51-Sb-113



MAT 5101

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

51-Sb-113



83

Incident Energy (MeV)

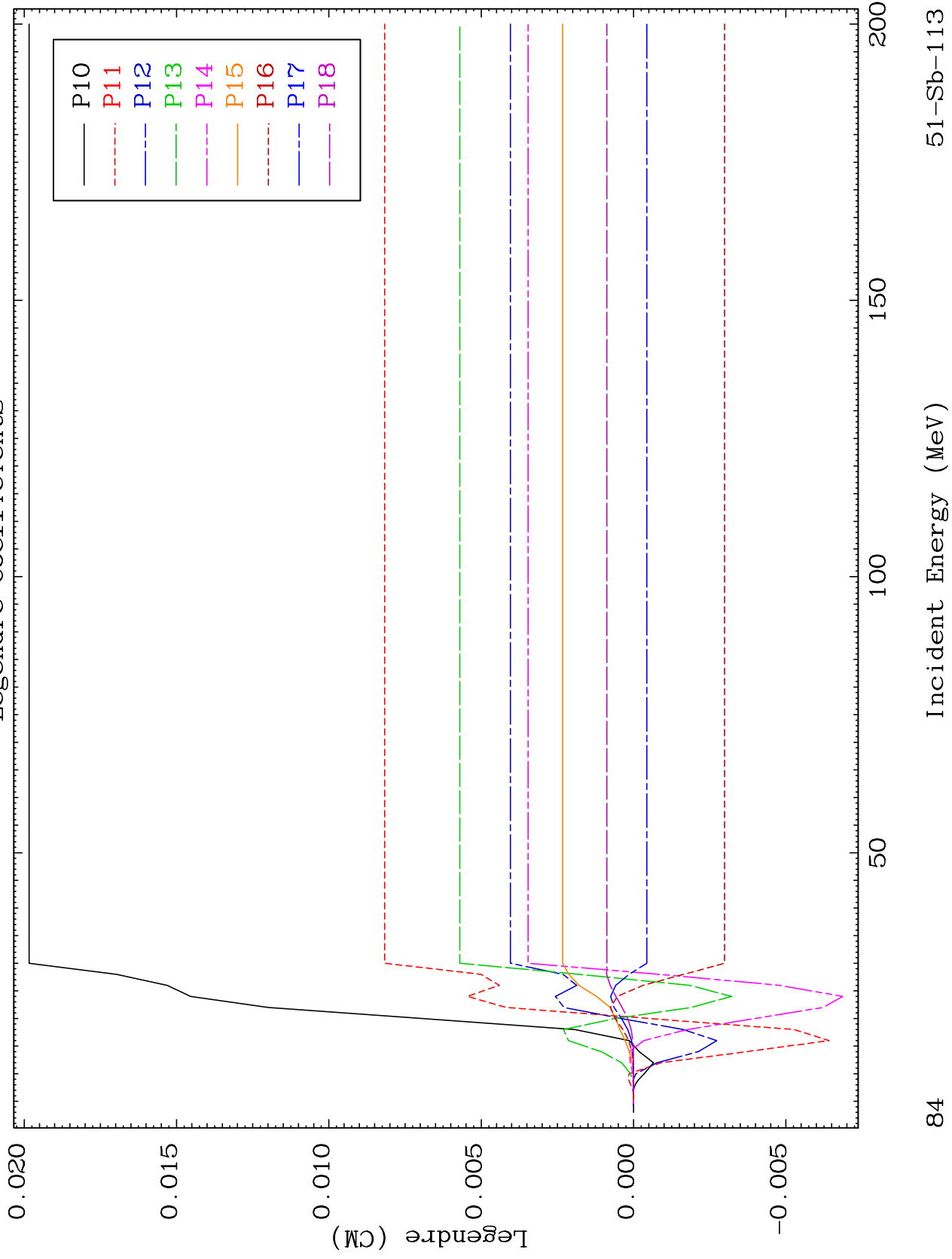
51-Sb-113

MAT 5101

MT= 67 (n,n') Level

51-Sb-113

Legendre Coefficients



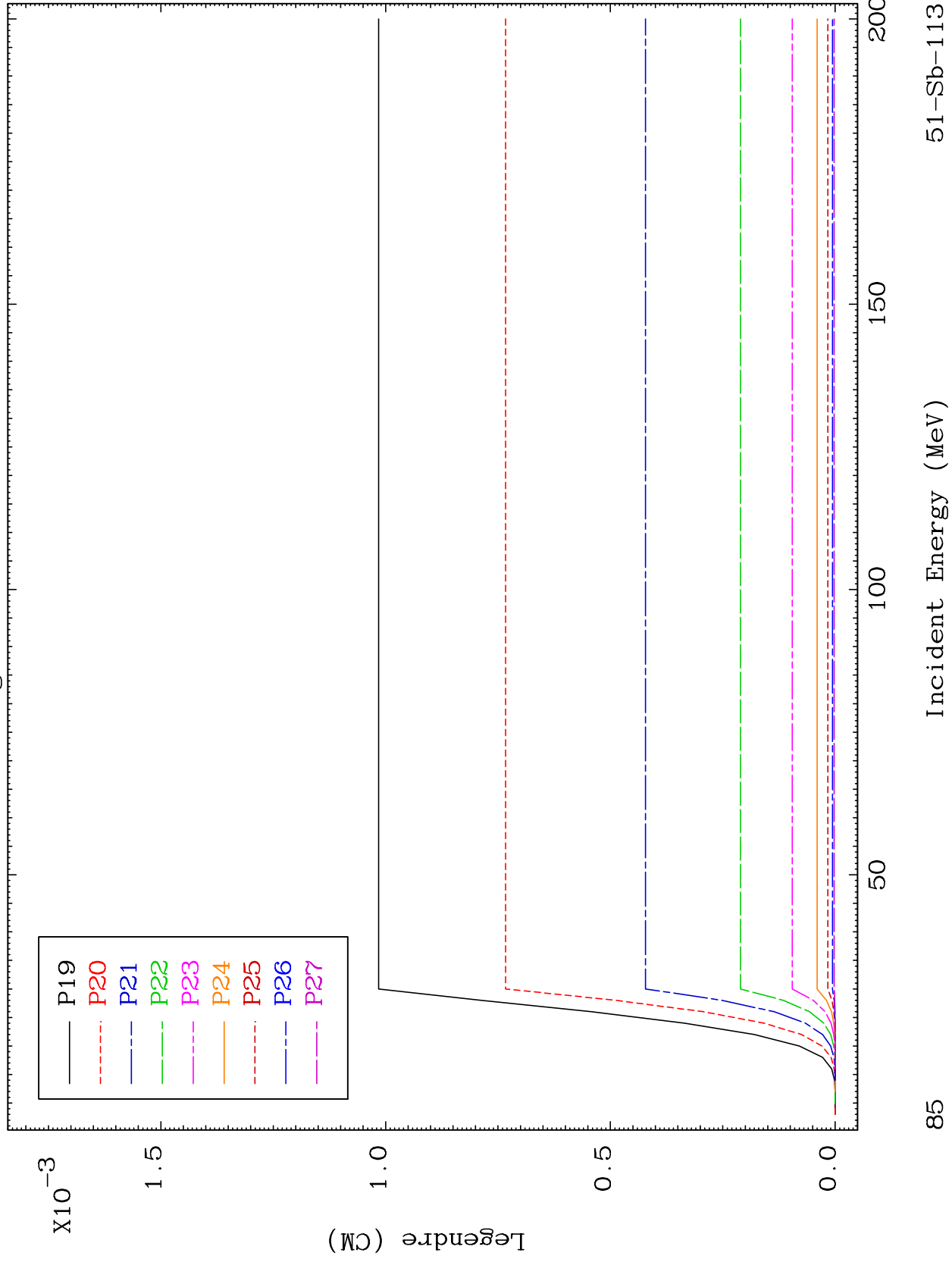
84

51-Sb-113

MAT 5101

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

51-Sb-113



85

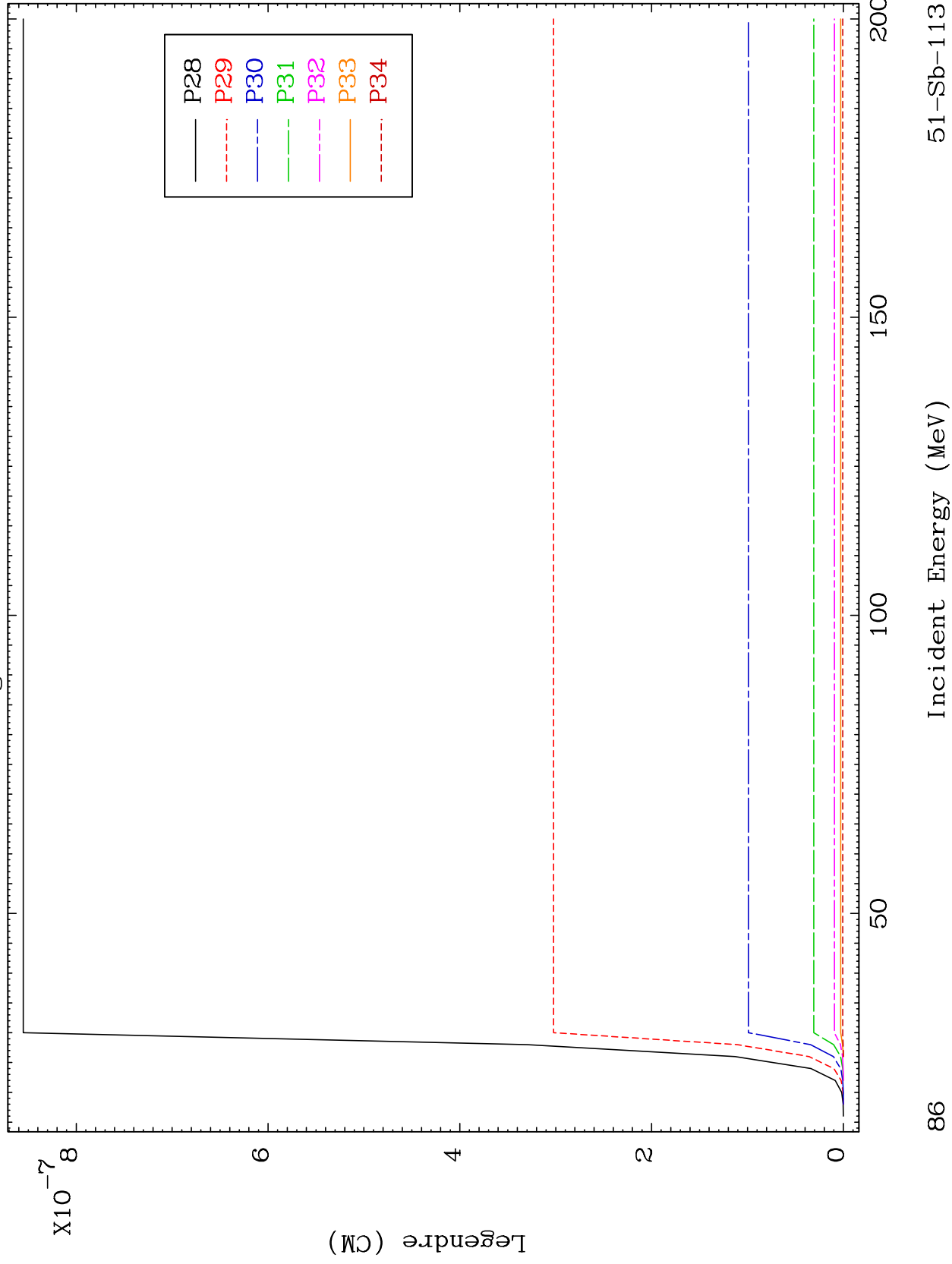
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

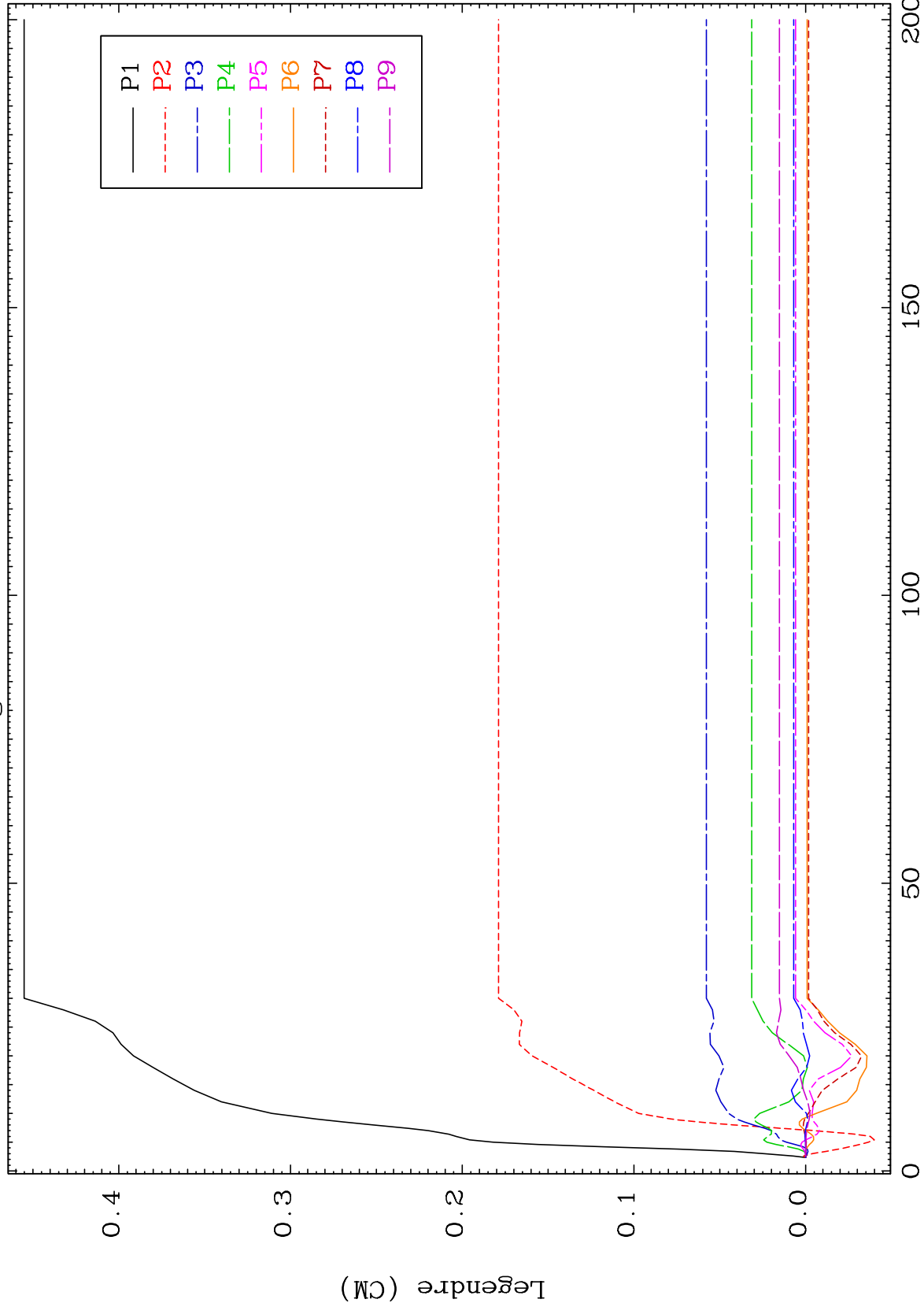
51-Sb-113



MAT 5101

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

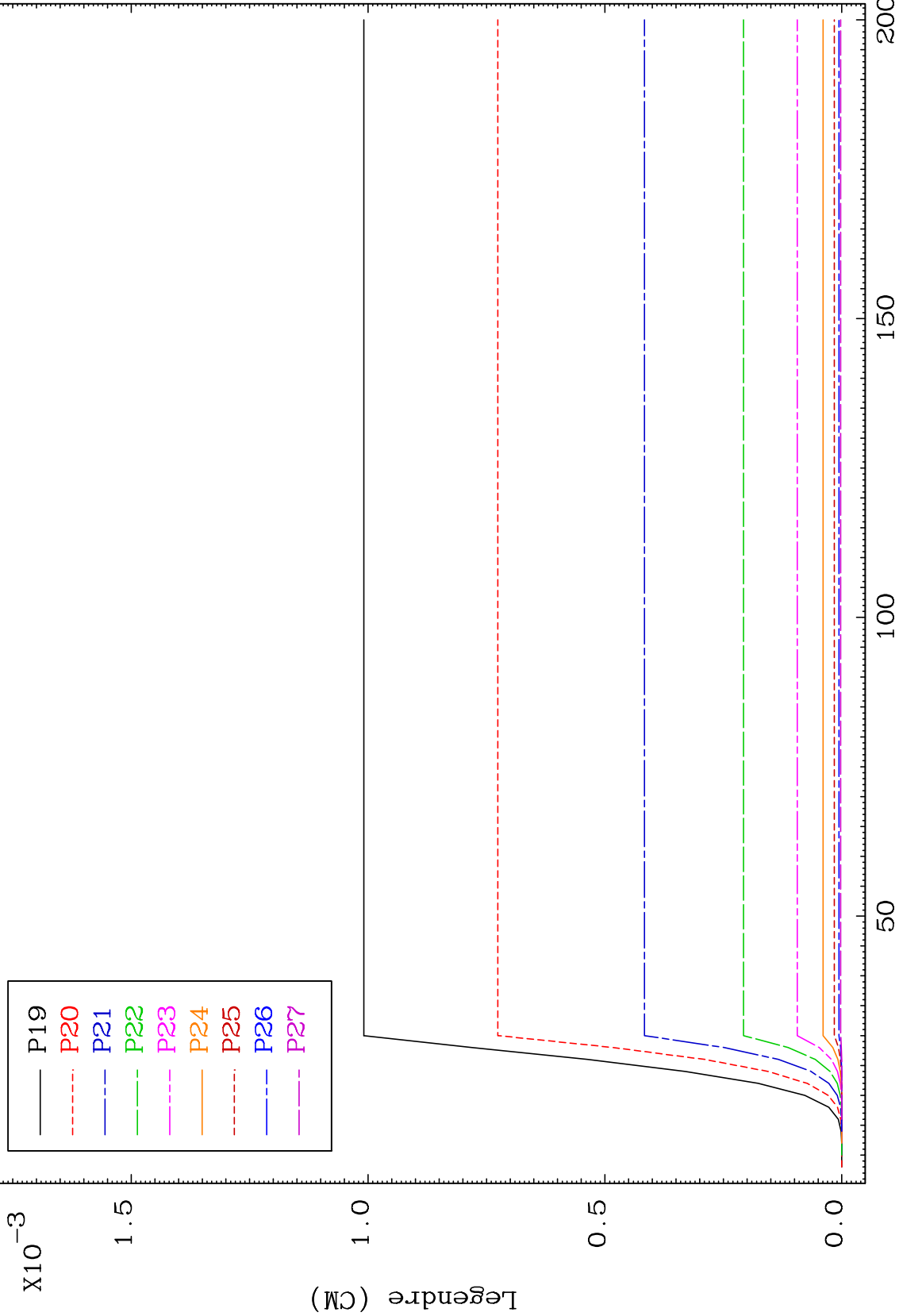
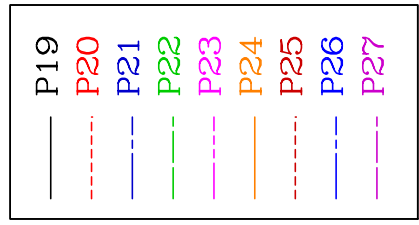
51-Sb-113



51-Sb-113

Incident Energy (MeV)

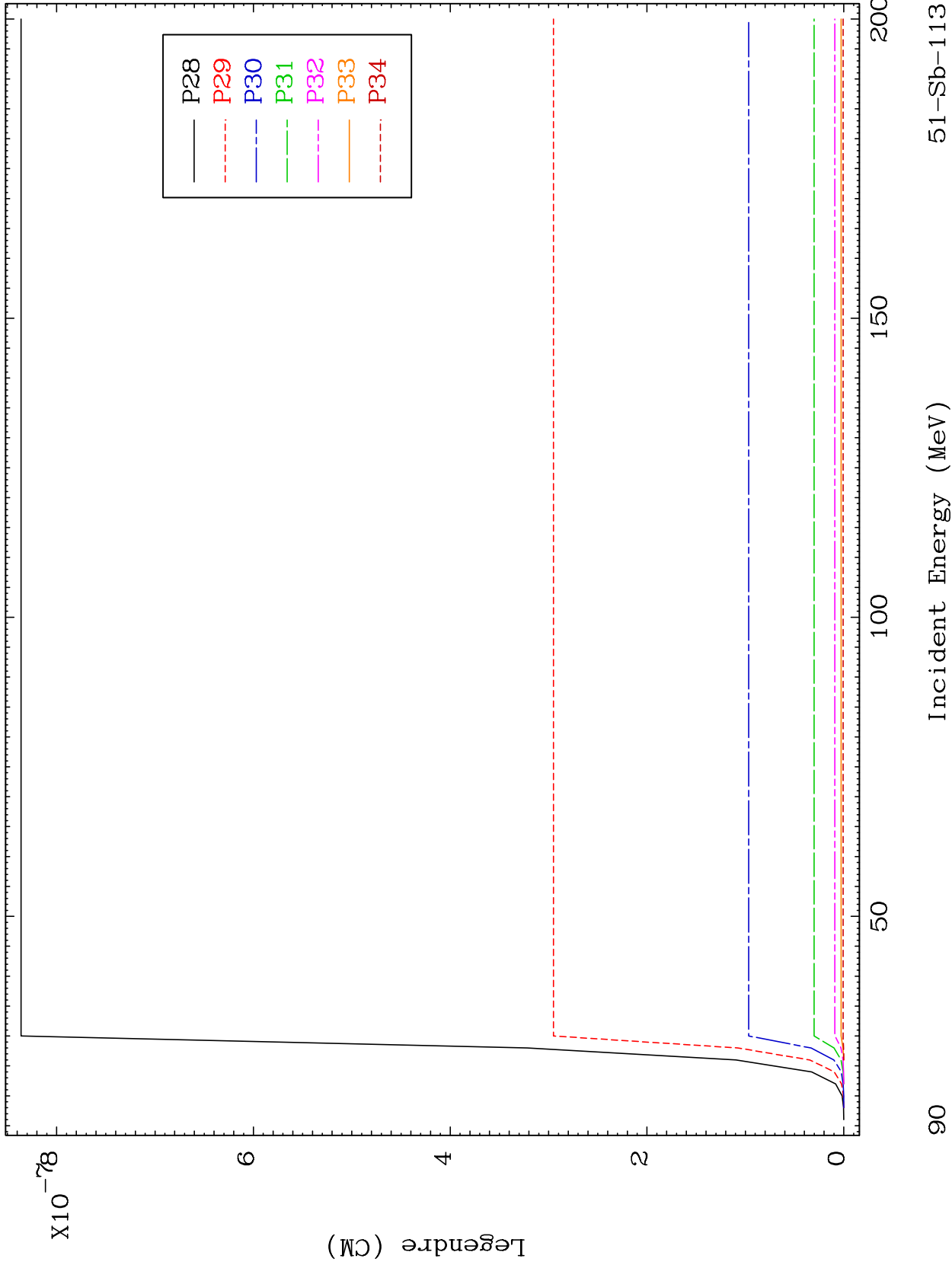
87



MAT 5101

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

51-Sb-113



51-Sb-113

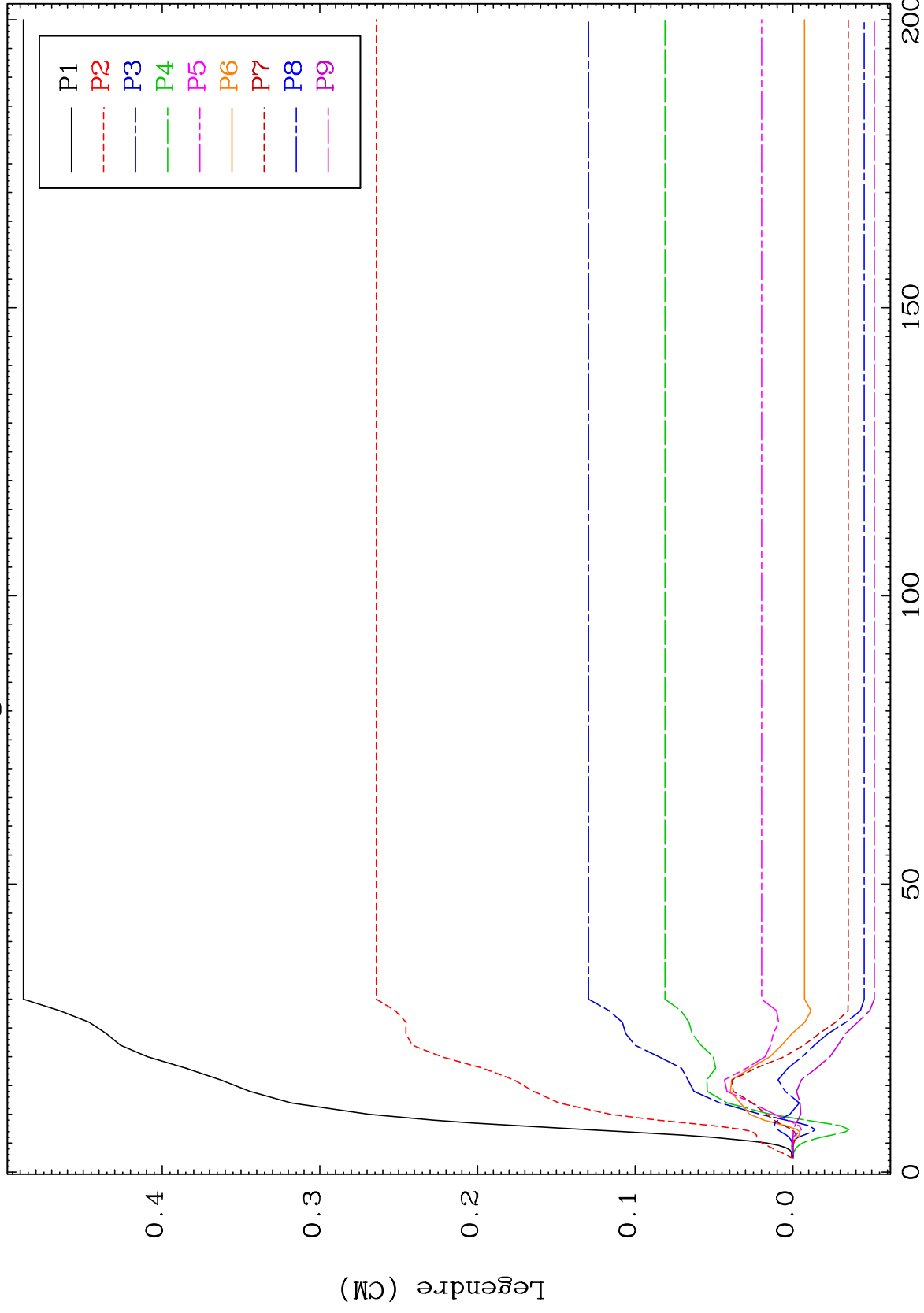
Incident Energy (MeV)

90

MAT 5101

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

51-Sb-113



91

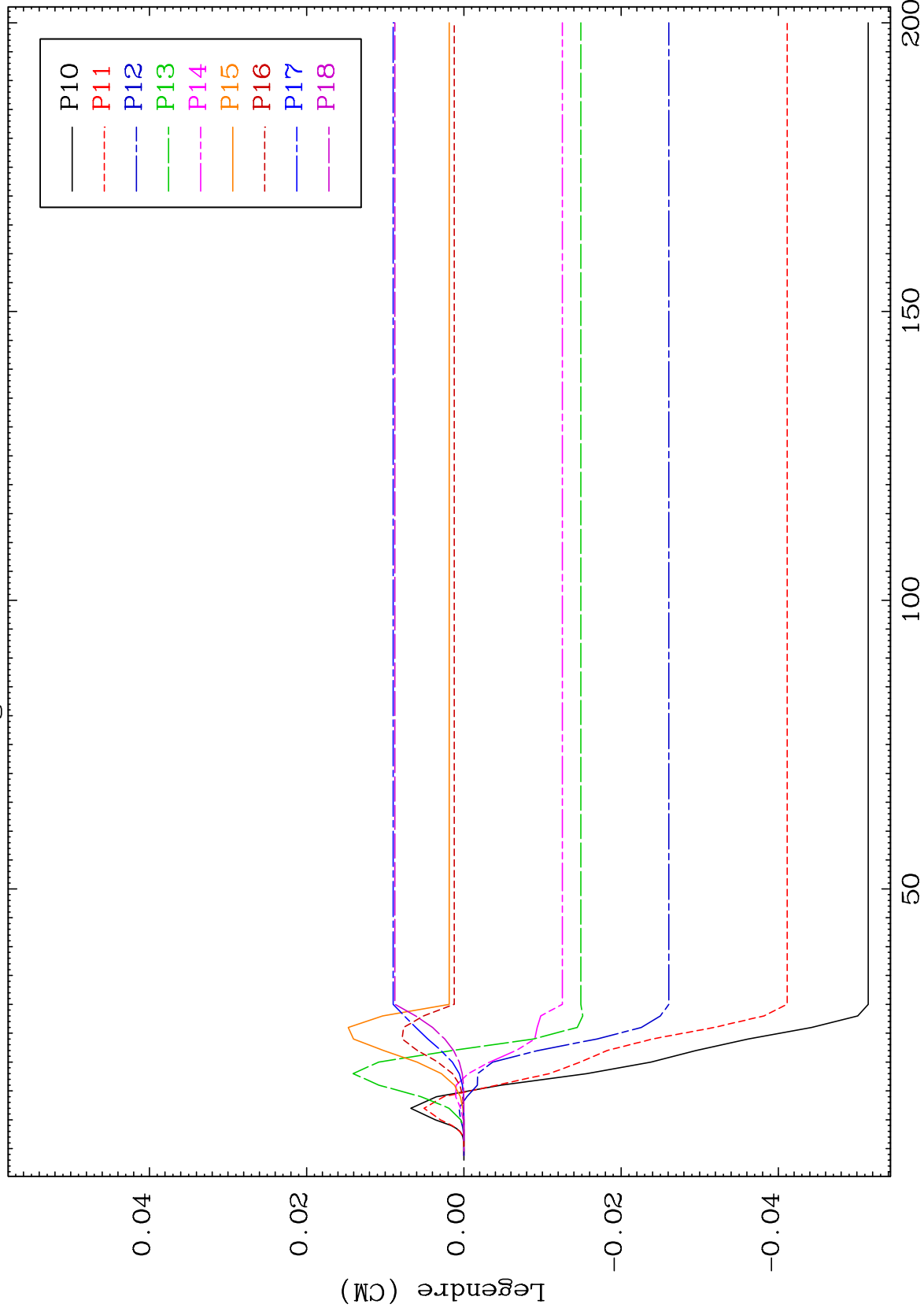
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



92

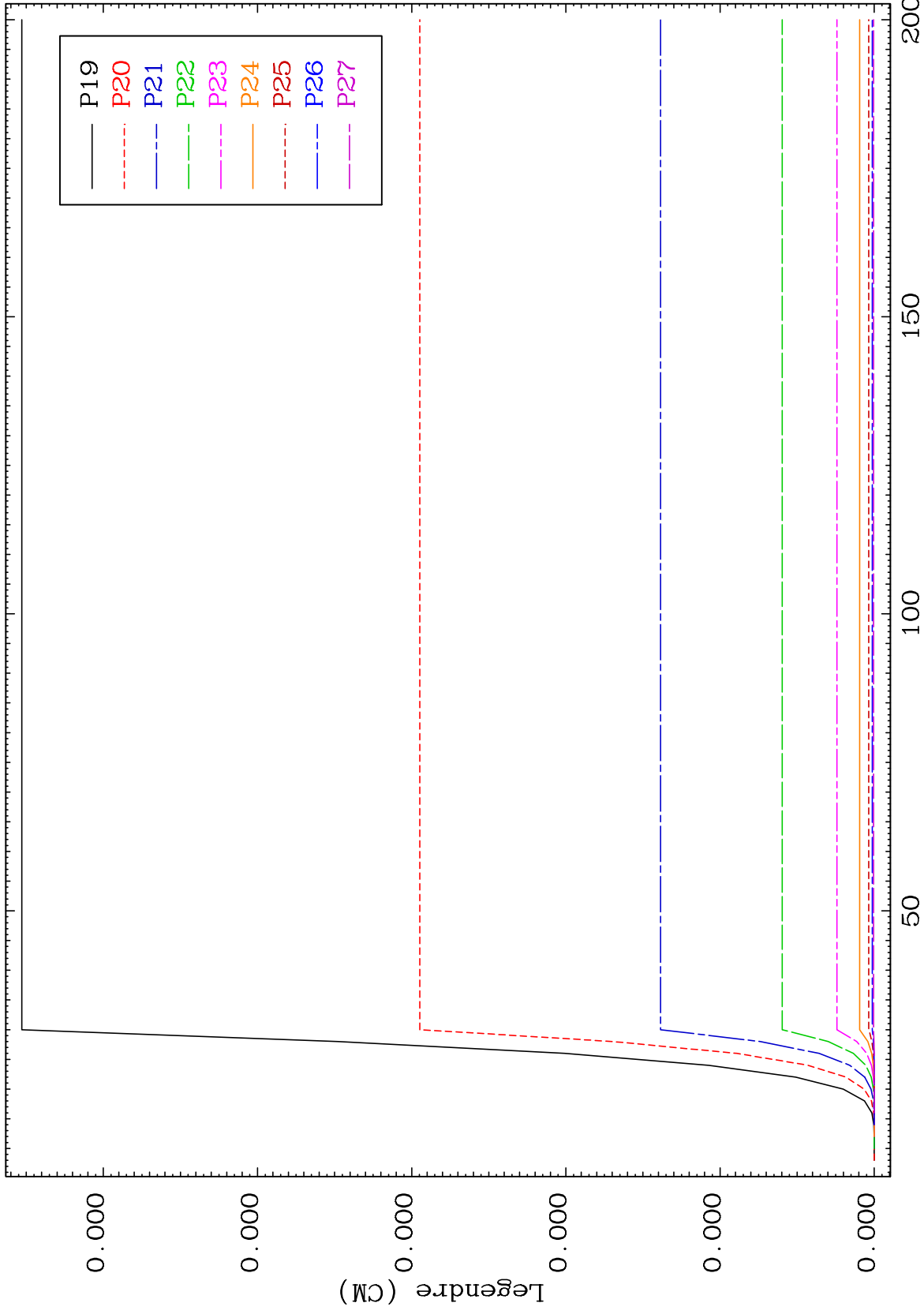
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



93

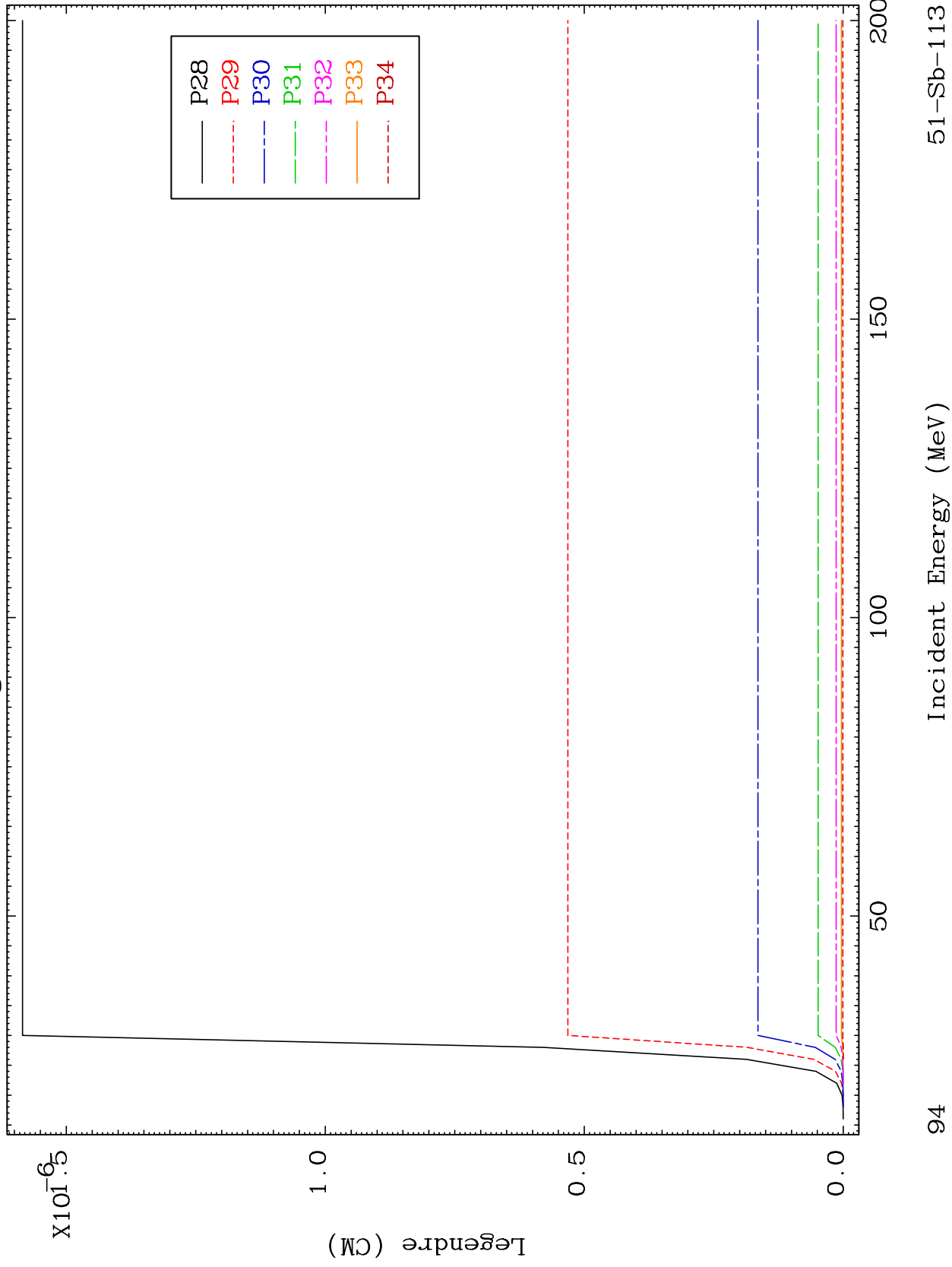
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



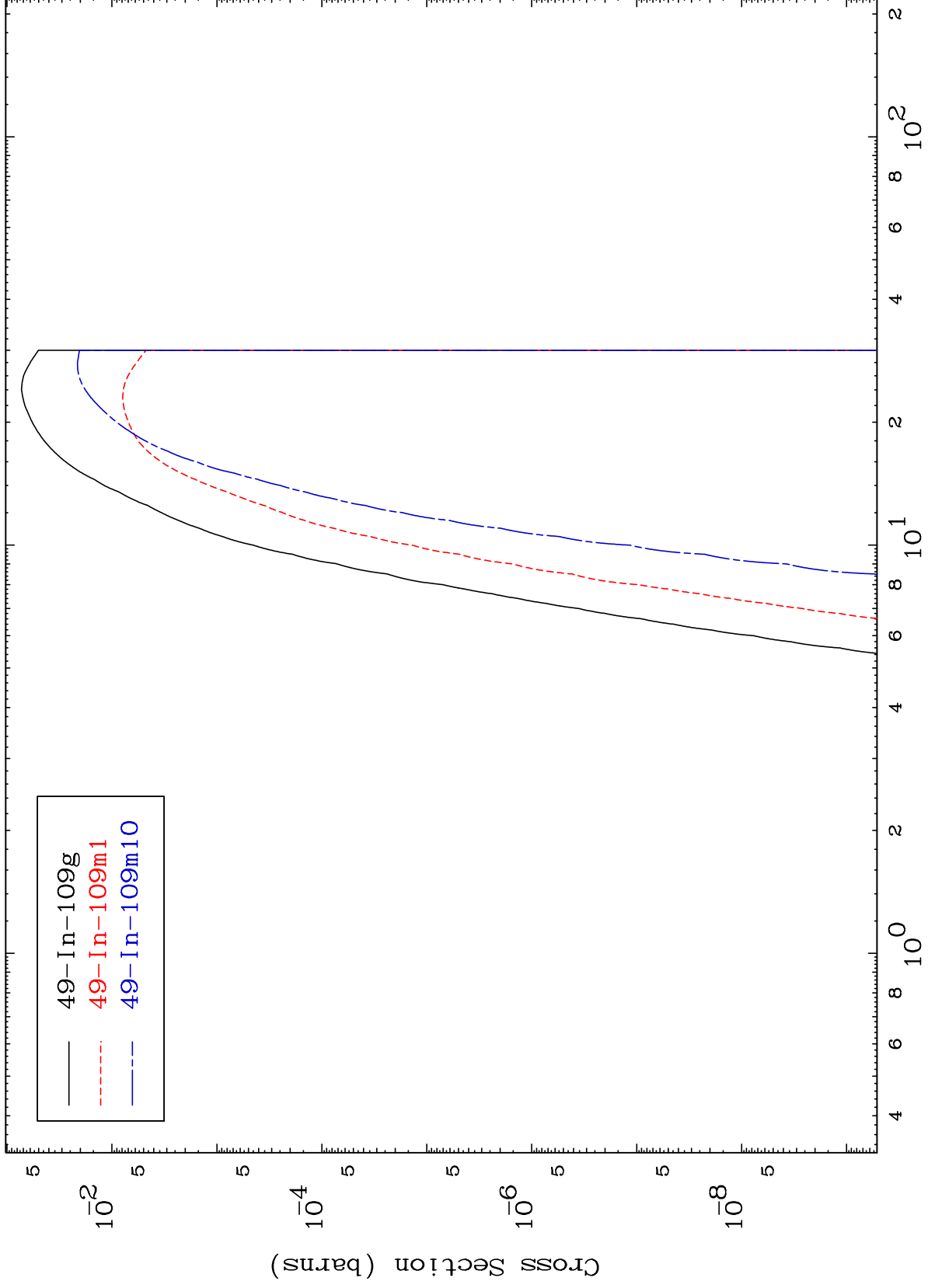
94

MAT 5101

(n,n') α

51-Sb-113

Radionuclide Production Cross Section

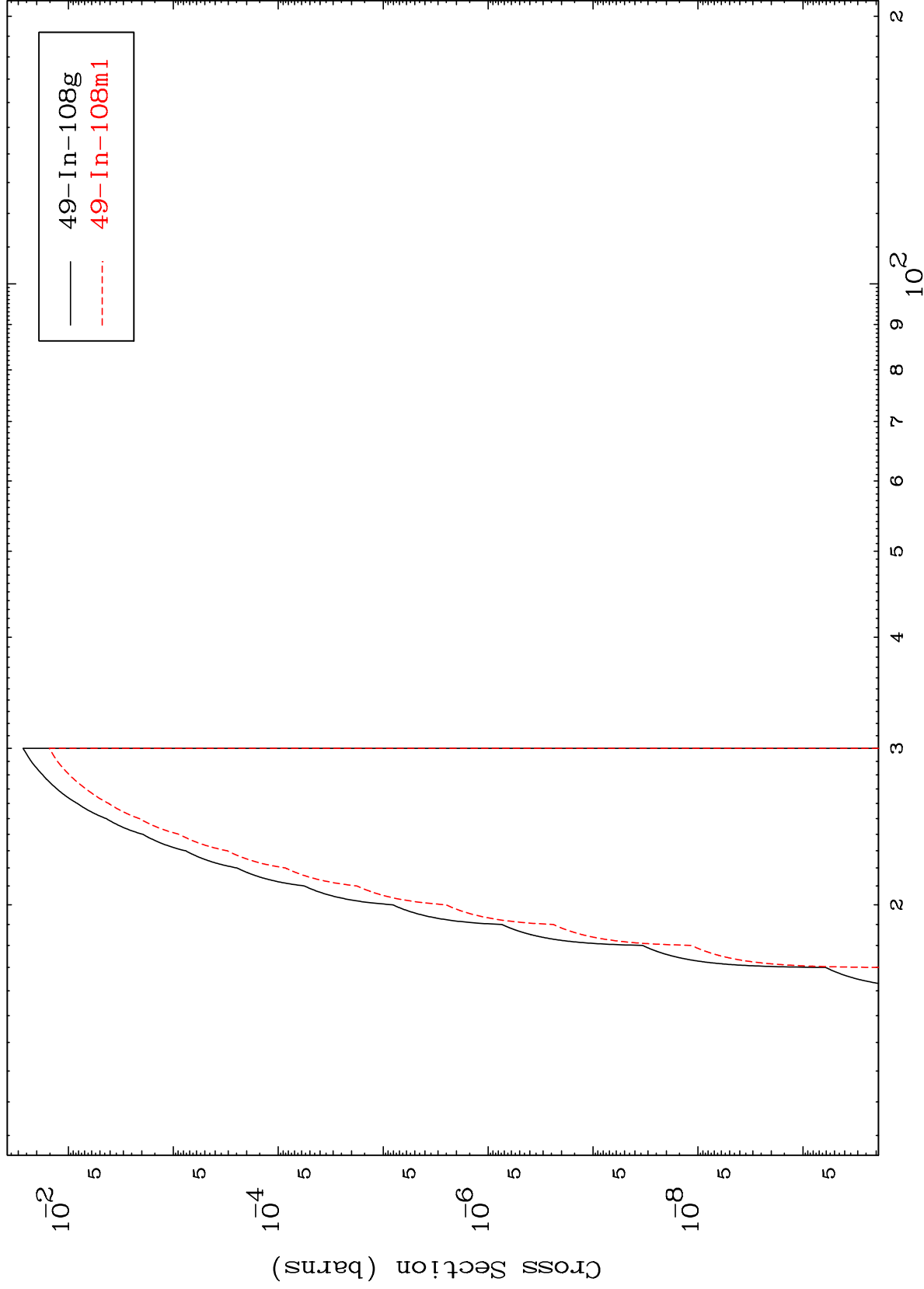


95

Incident Energy (MeV)

51-Sb-113

Radionuclide Production Cross Section

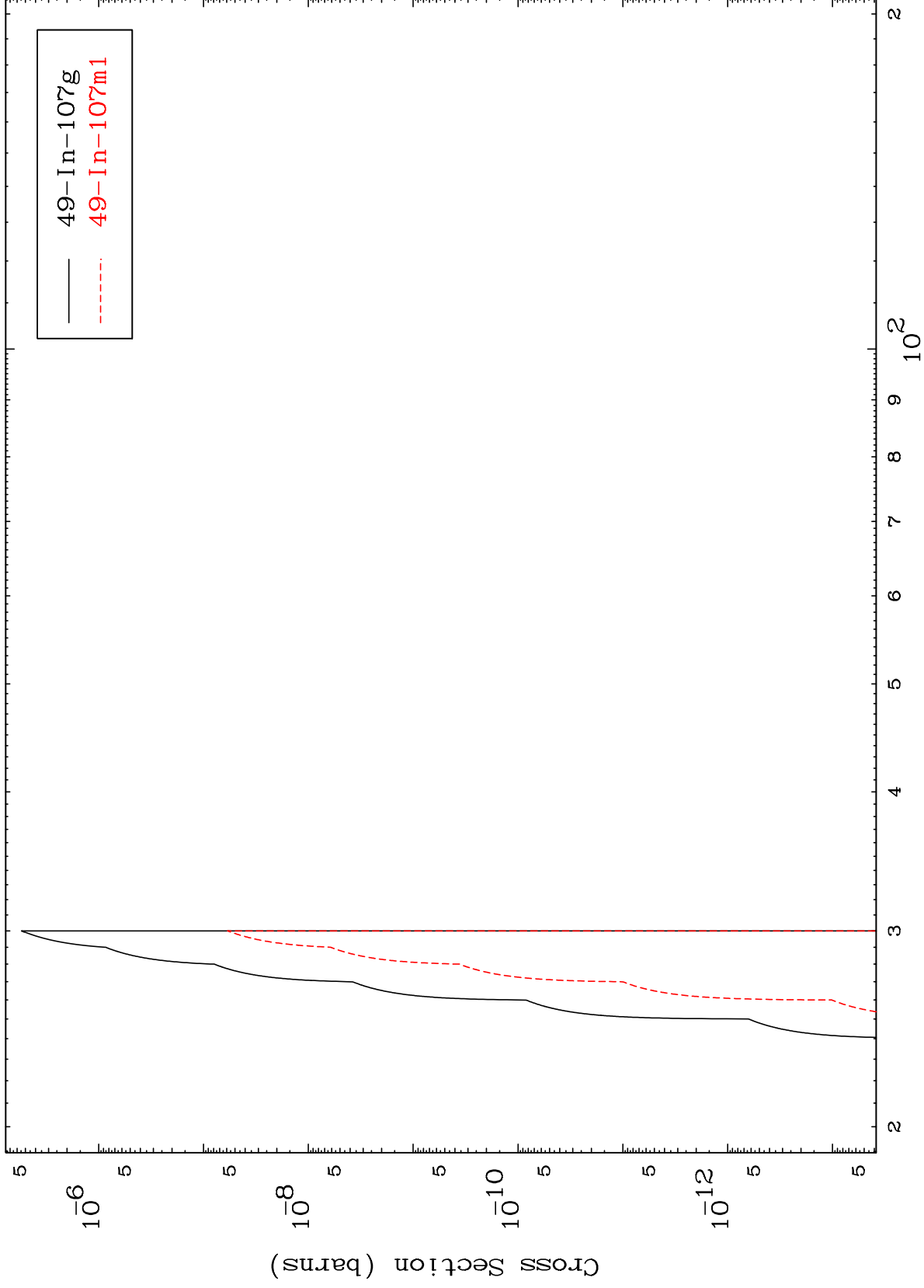


MAT 5101

(n,3n) α

51-Sb-113

Radionuclide Production Cross Section



97

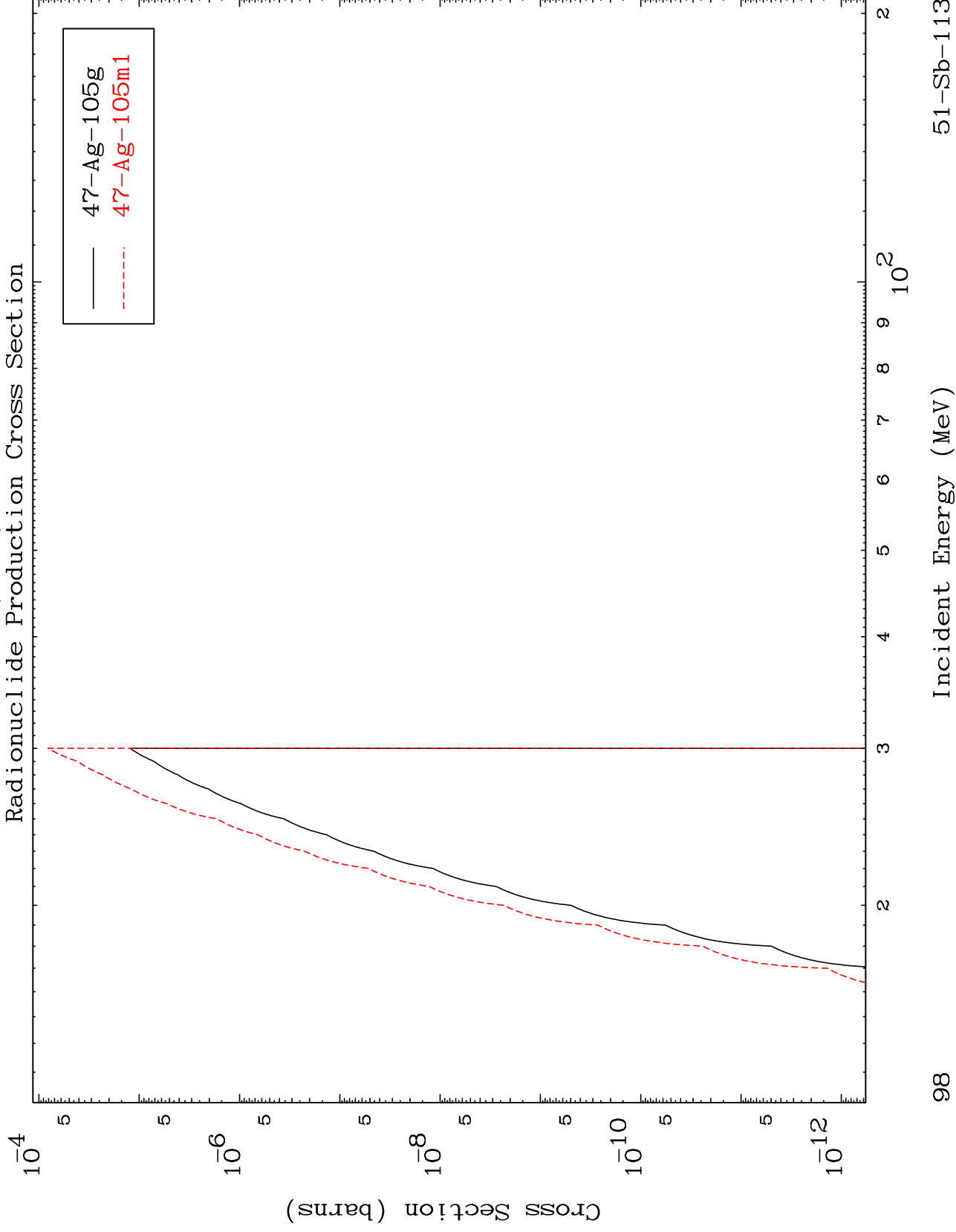
Incident Energy (MeV)

51-Sb-113

MAT 5101

(n,n') 2 α

51-Sb-113

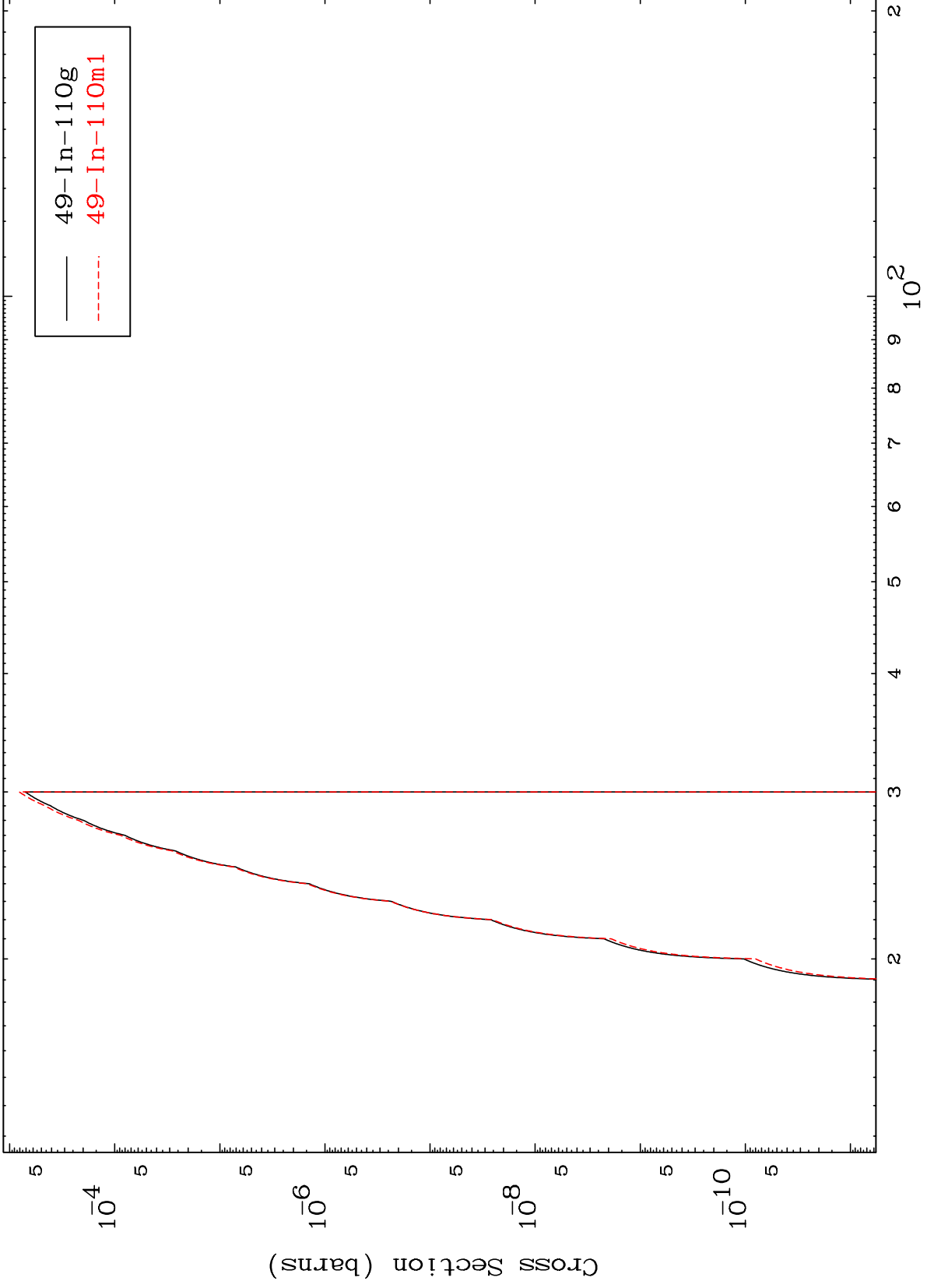


98

Incident Energy (MeV)

51-Sb-113

Radionuclide Production Cross Section

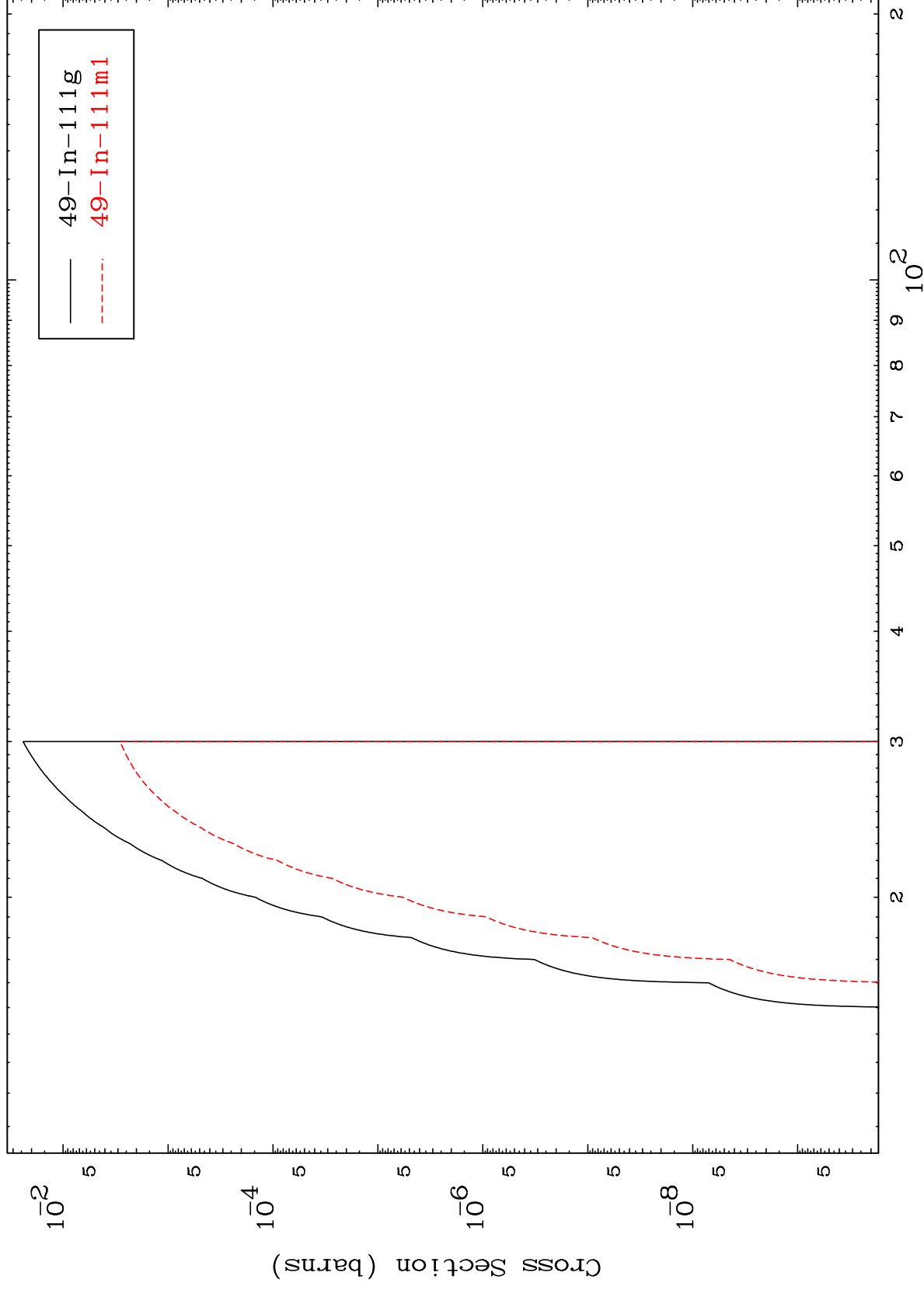


MAT 5101

(n,2n) p

51-Sb-113

Radionuclide Production Cross Section



100

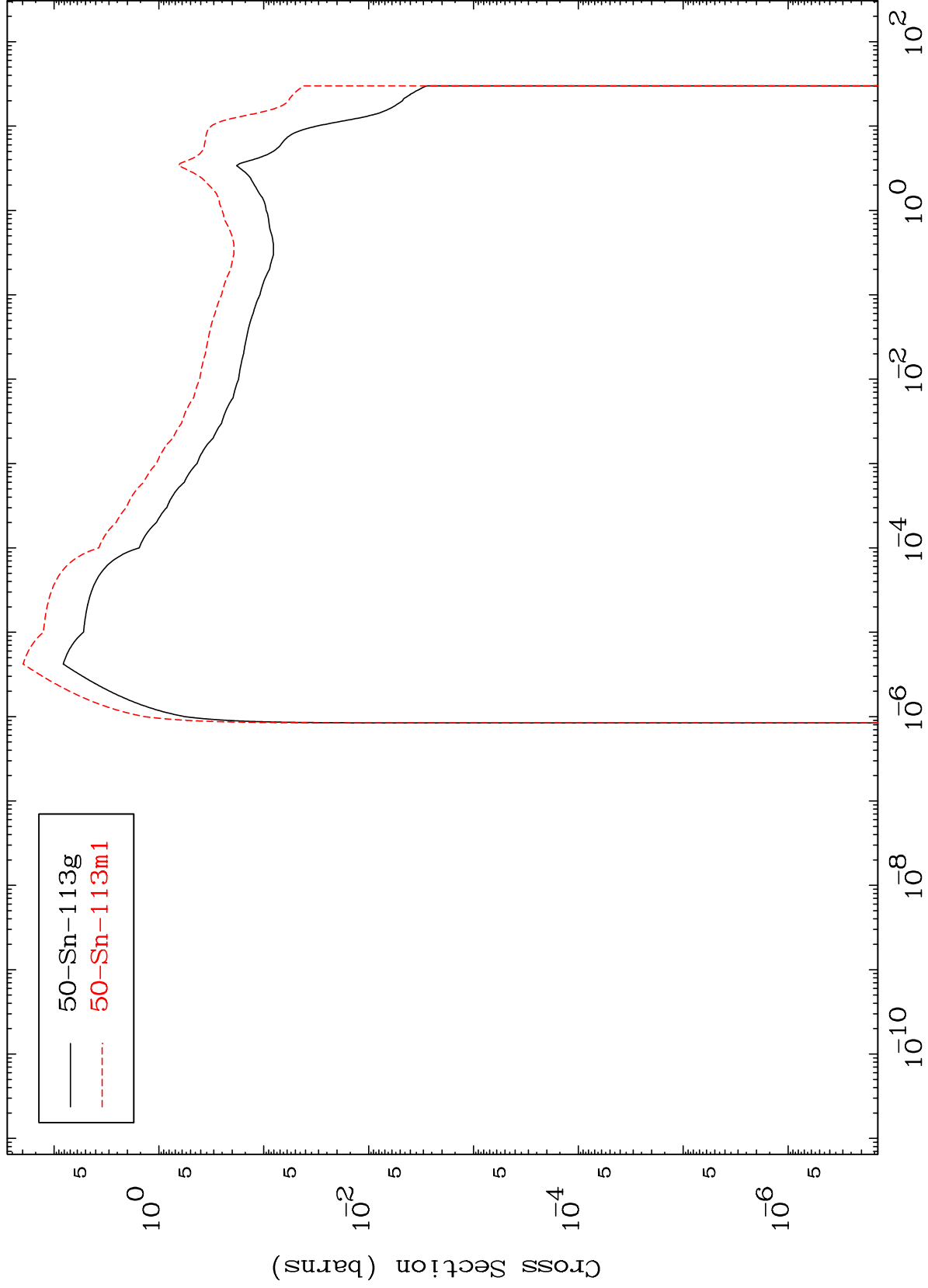
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

(n,p)
Radionuclide Production Cross Section



101

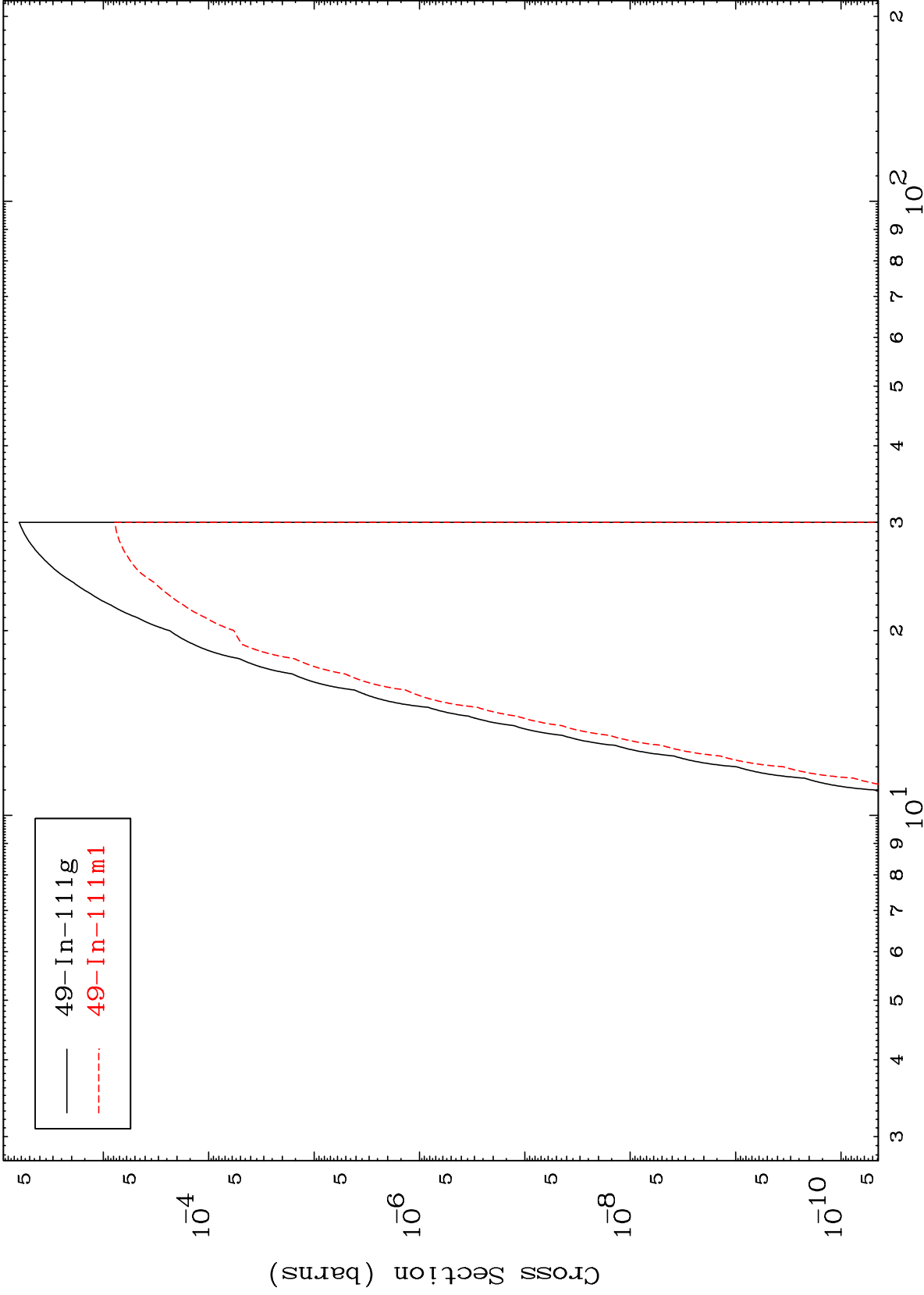
51-Sb-113

MAT 5101

(n,He-3)

51-Sb-113

Radionuclide Production Cross Section



102

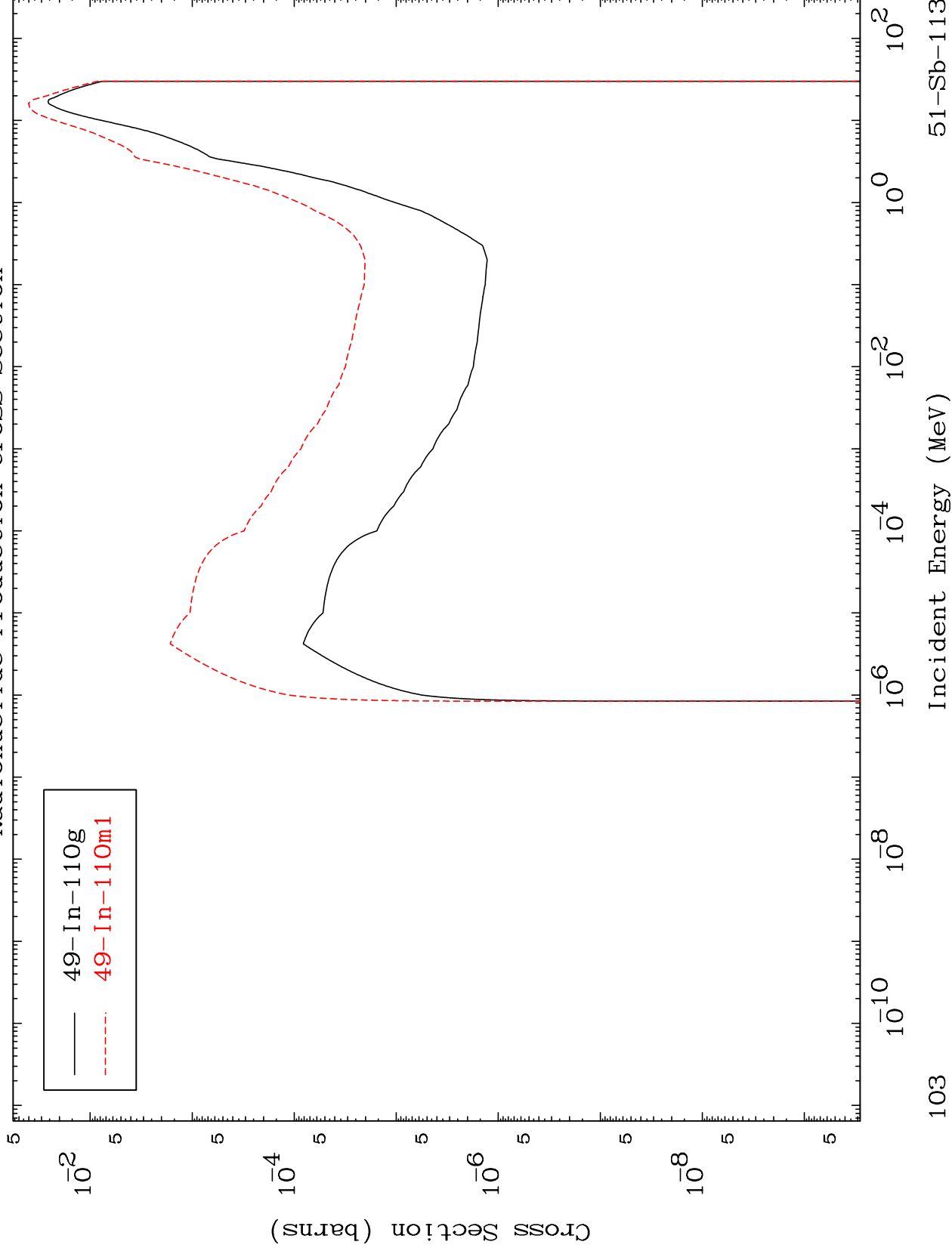
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

(n, α)
Radionuclide Production Cross Section



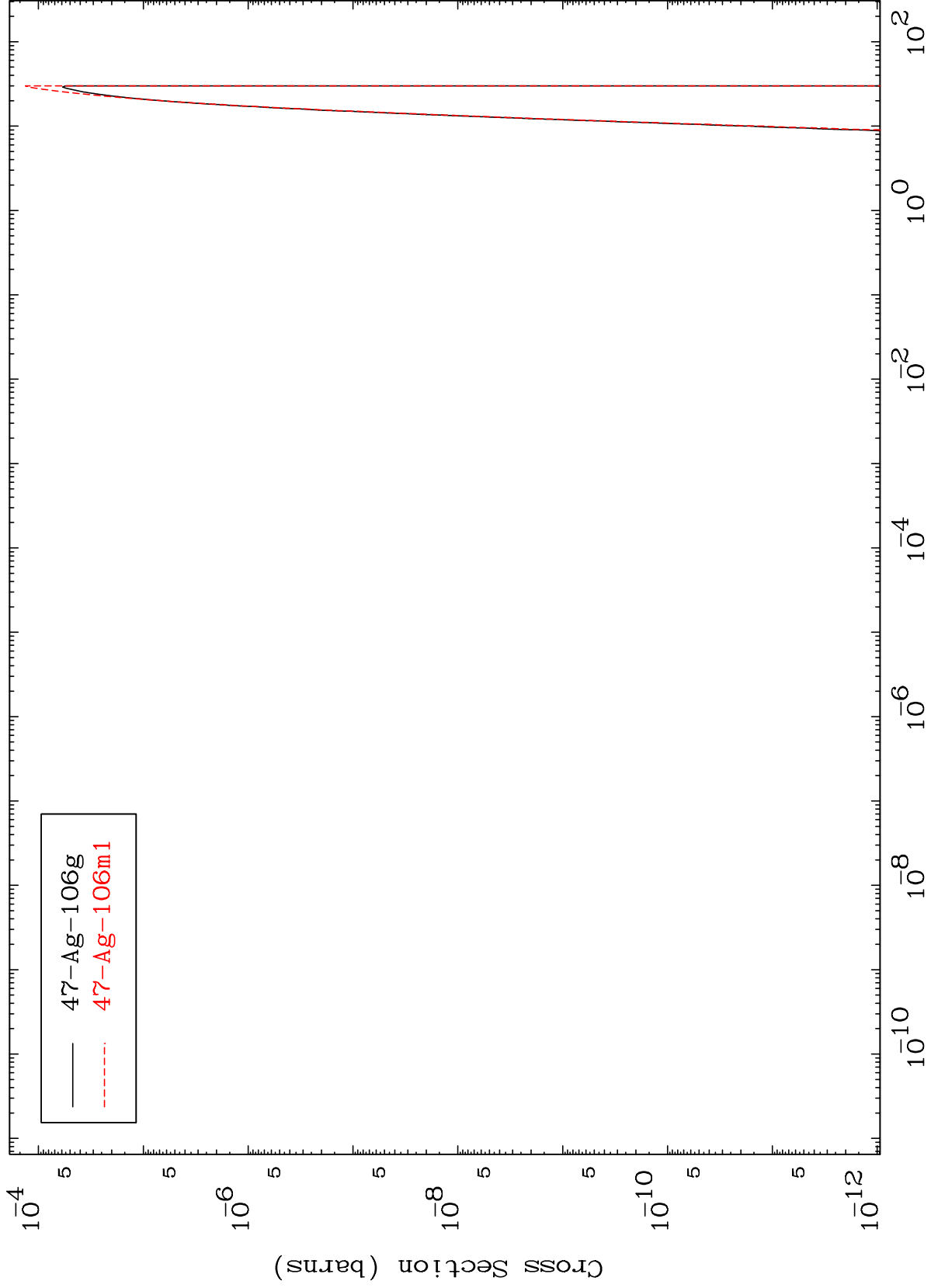
— 49-In-110g
- - - 49-In-110m1

MAT 5101

(n,2α)

51-Sb-113

Radionuclide Production Cross Section



— 47-Ag-106g
- - - 47-Ag-106m1

104

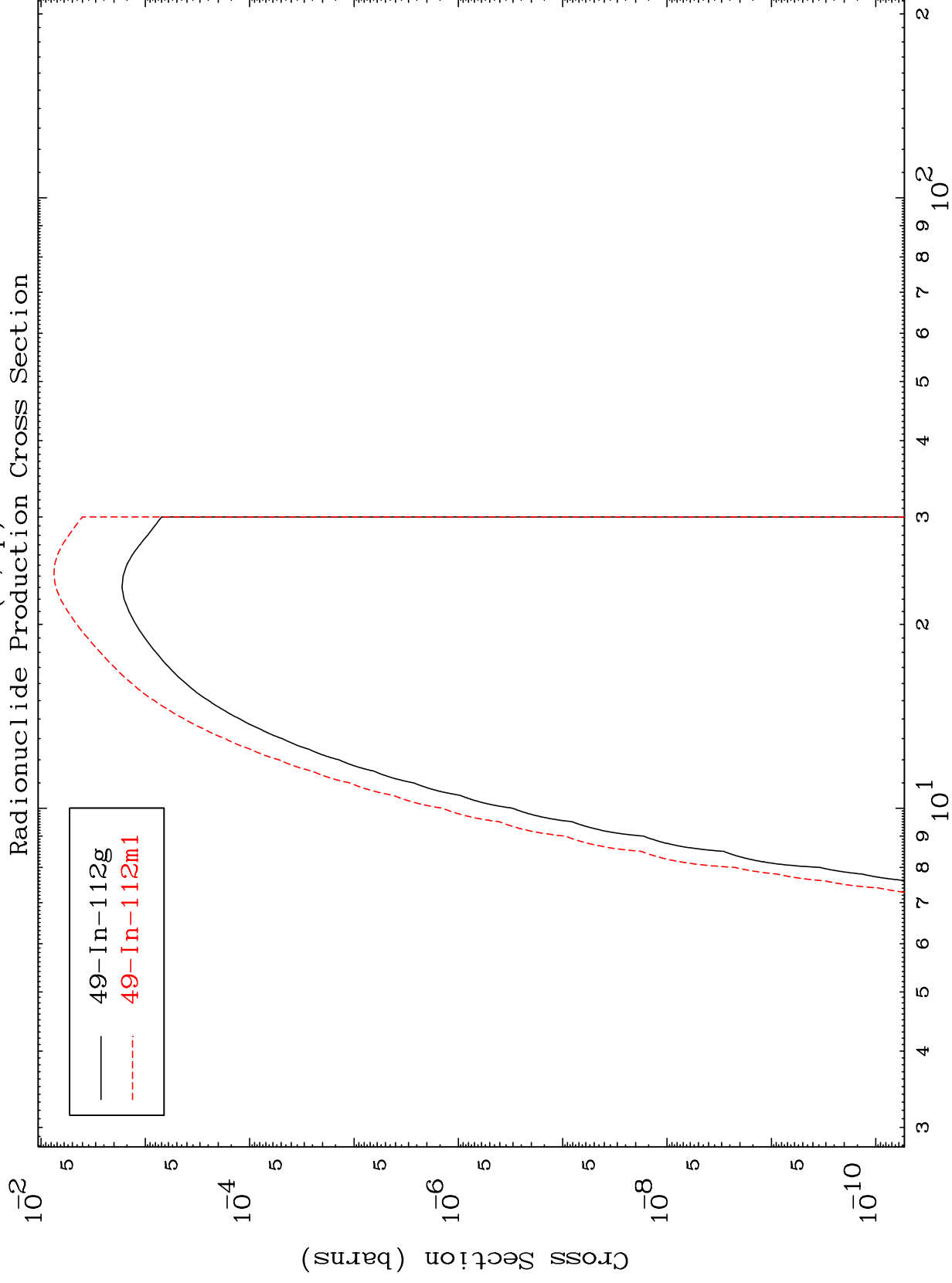
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

(n,2p)
Radionuclide Production Cross Section



105

Incident Energy (MeV)

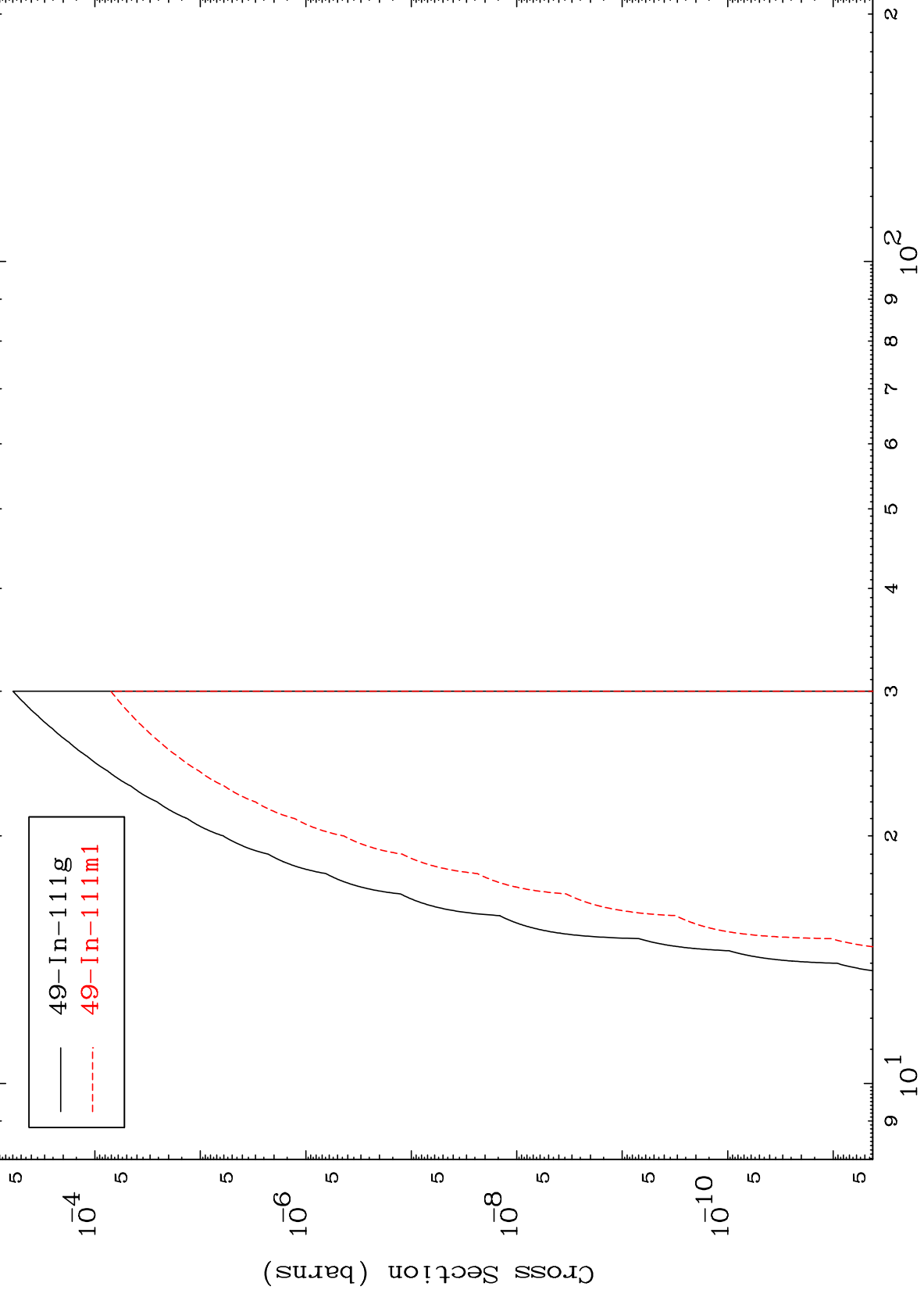
51-Sb-113

MAT 5101

(n,p) d

51-Sb-113

Radionuclide Production Cross Section



49-In-111g
49-In-111m1

106

Incident Energy (MeV)

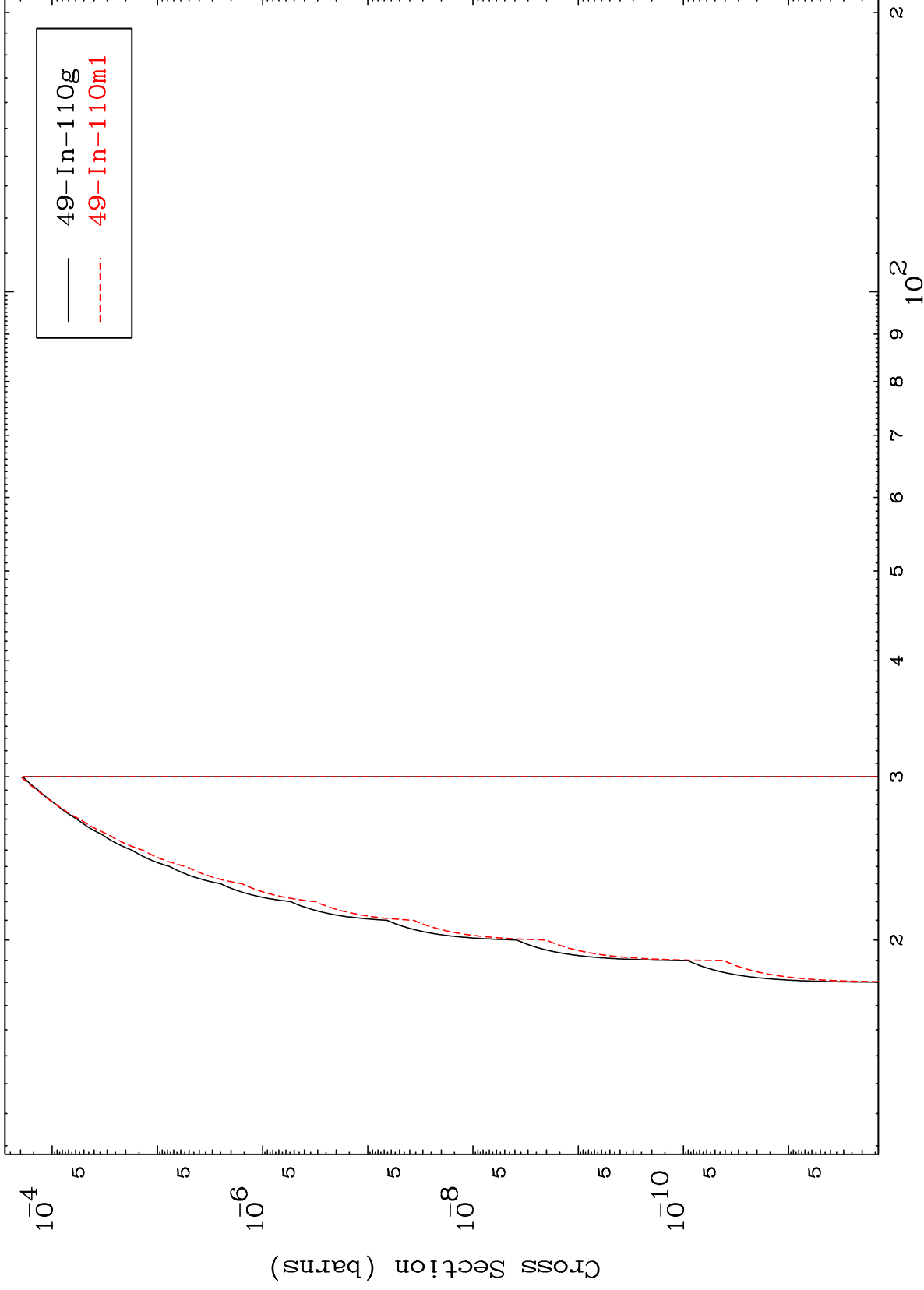
51-Sb-113

MAT 5101

(n,p) t

51-Sb-113

Radionuclide Production Cross Section



107

Incident Energy (MeV)

51-Sb-113