

Program EVALPLOT
(Version 2018-1)

by

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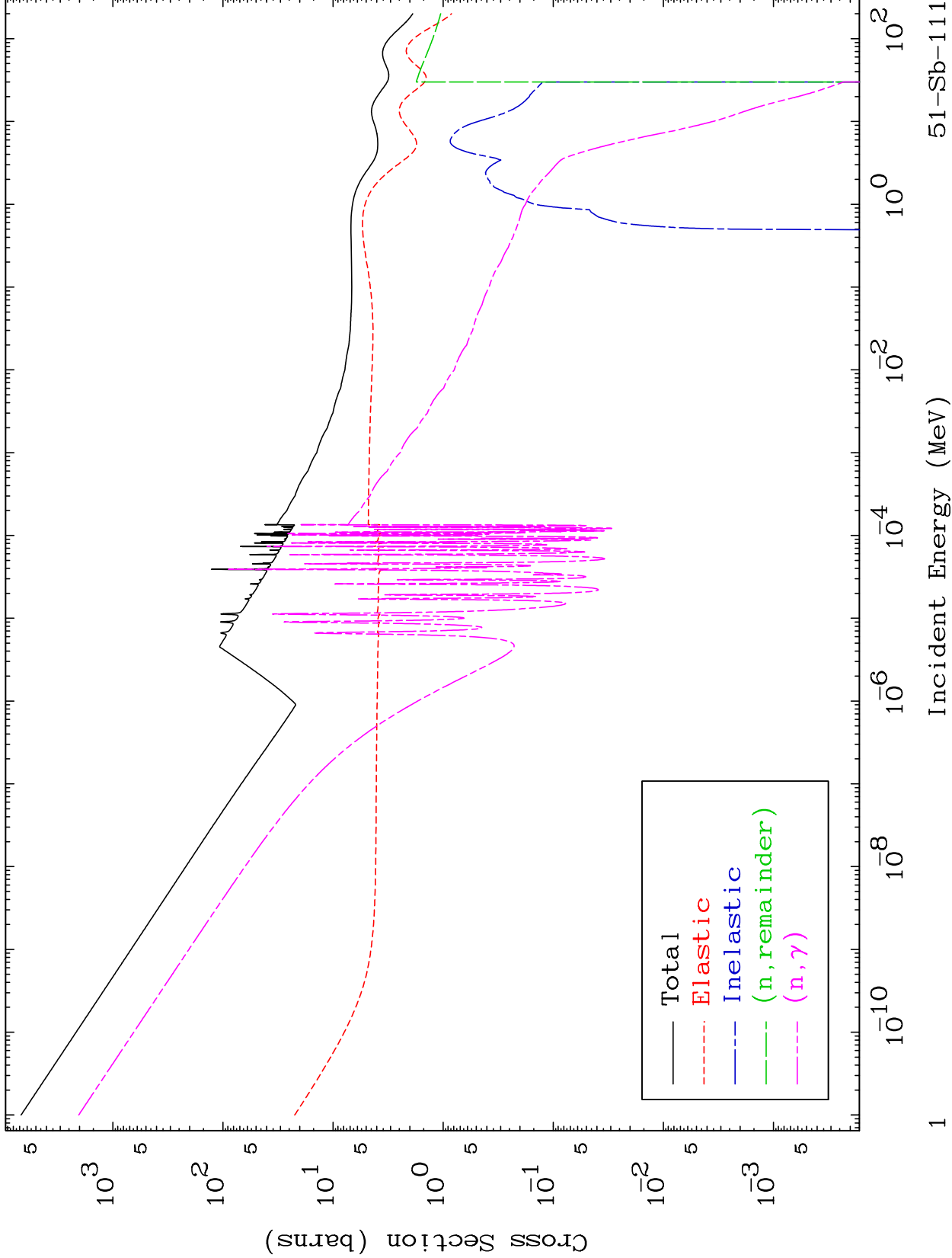
Press Mouse Button to Start

MAT 5095

Major

293 Kelvin Cross Sections

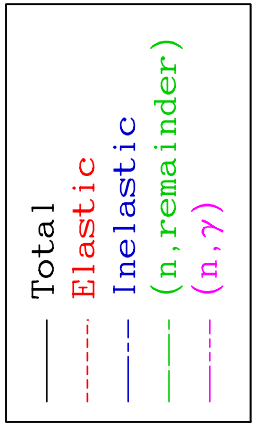
51-Sb-111



1

Incident Energy (MeV)

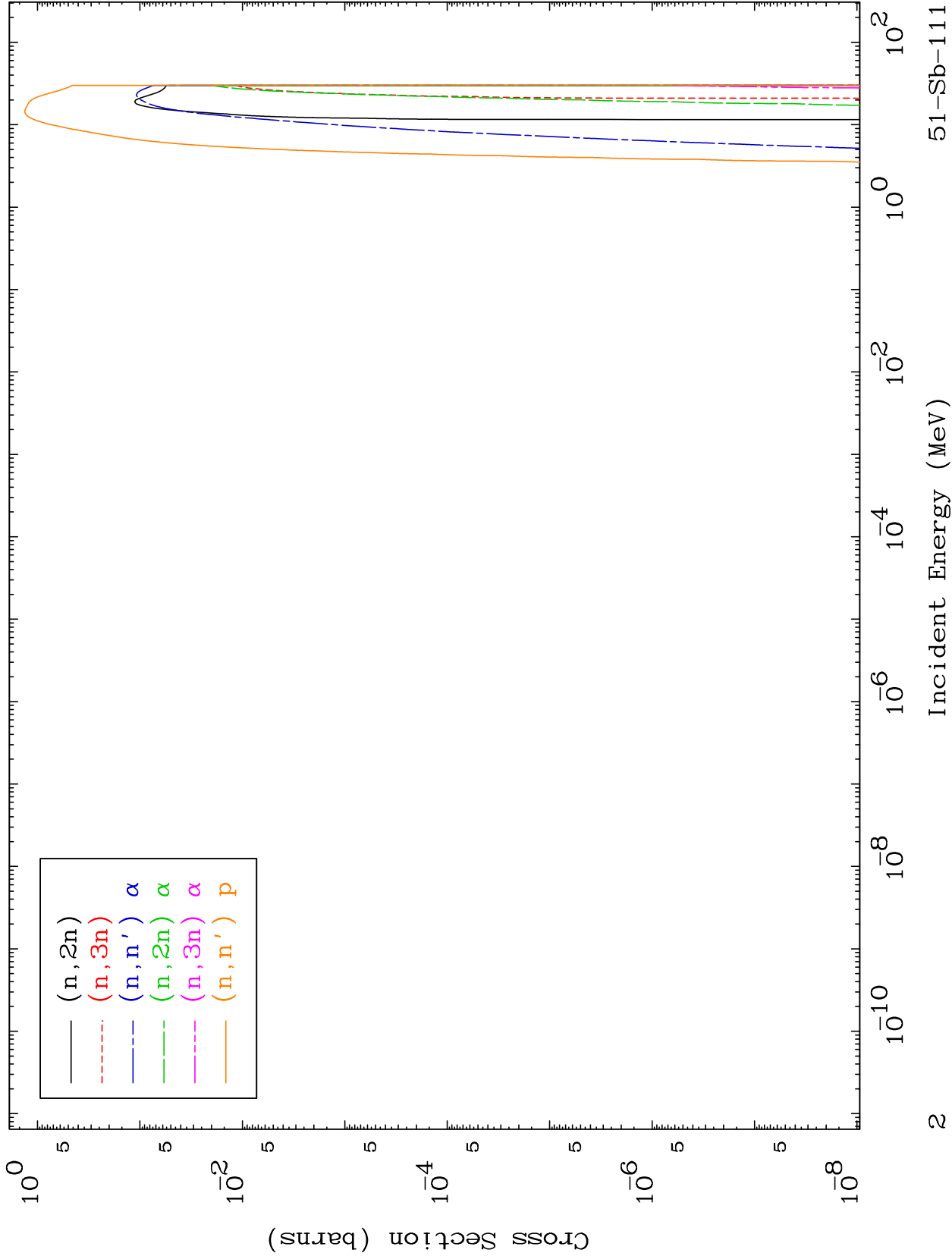
51-Sb-111



MAT 5095

Neutron Production
293 Kelvin Cross Sections

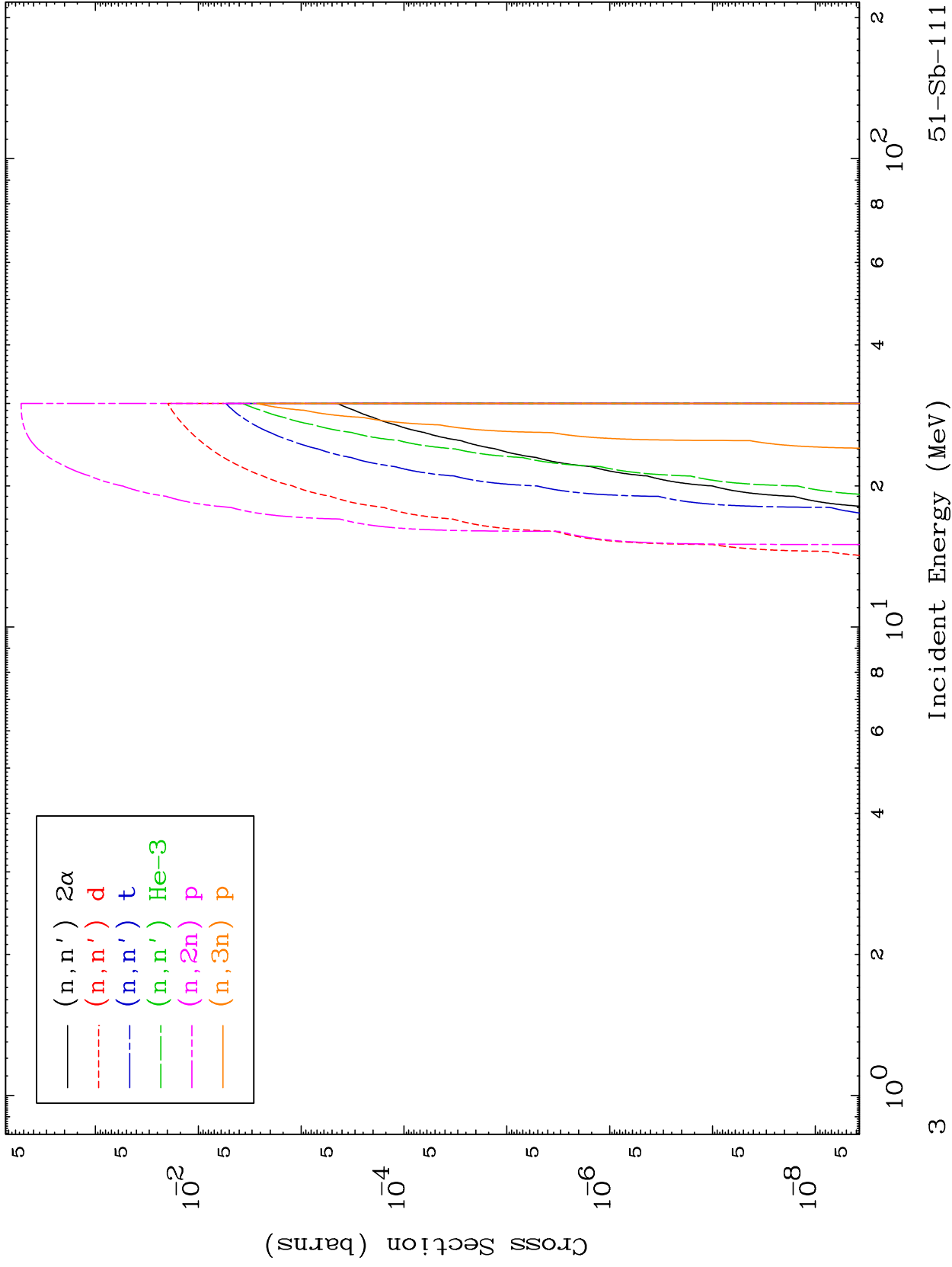
51-Sb-111



MAT 5095

Neutron Production
293 Kelvin Cross Sections

51-Sb-111



51-Sb-111

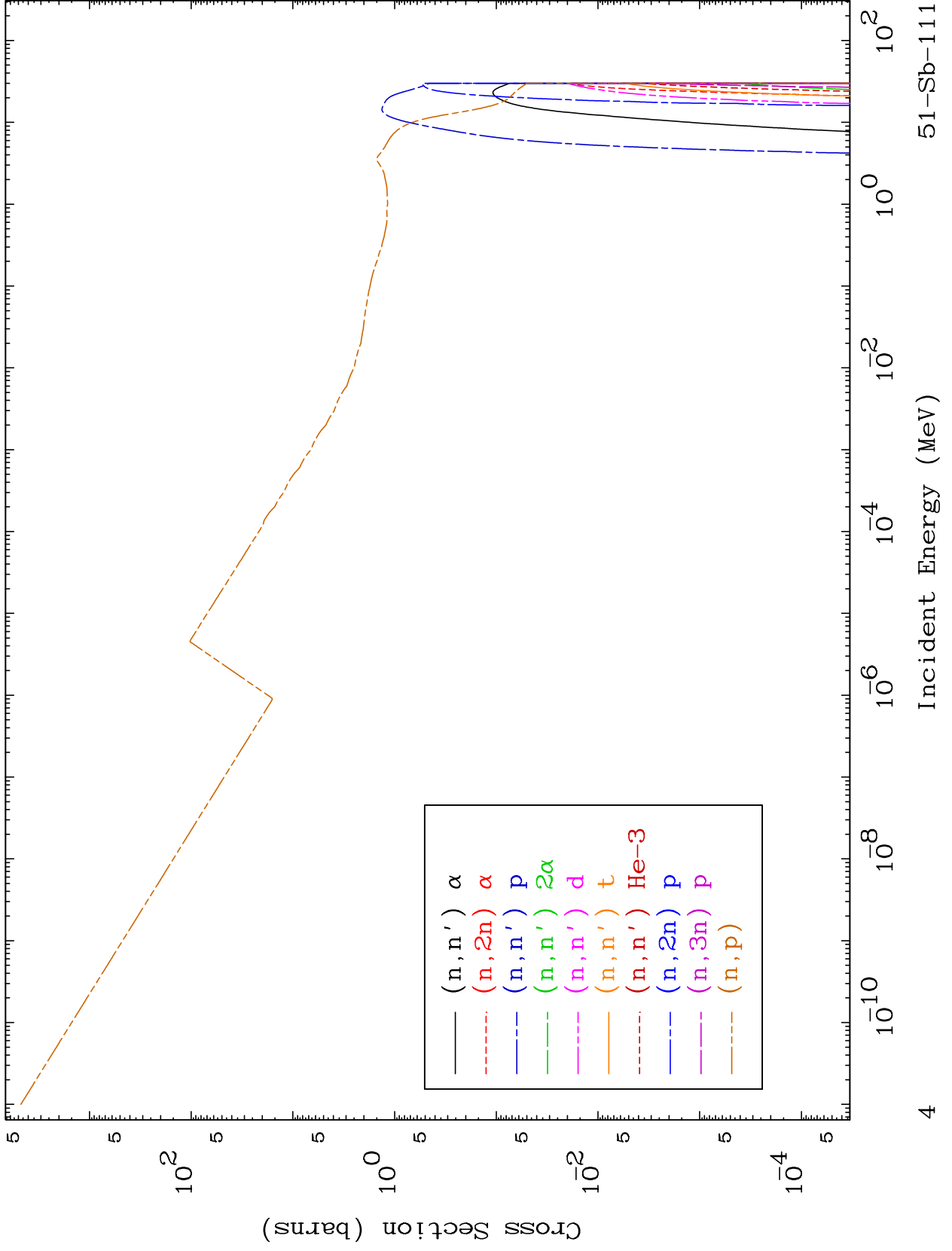
Incident Energy (MeV)

3

MAT 5095

Charged Particle
293 Kelvin Cross Sections

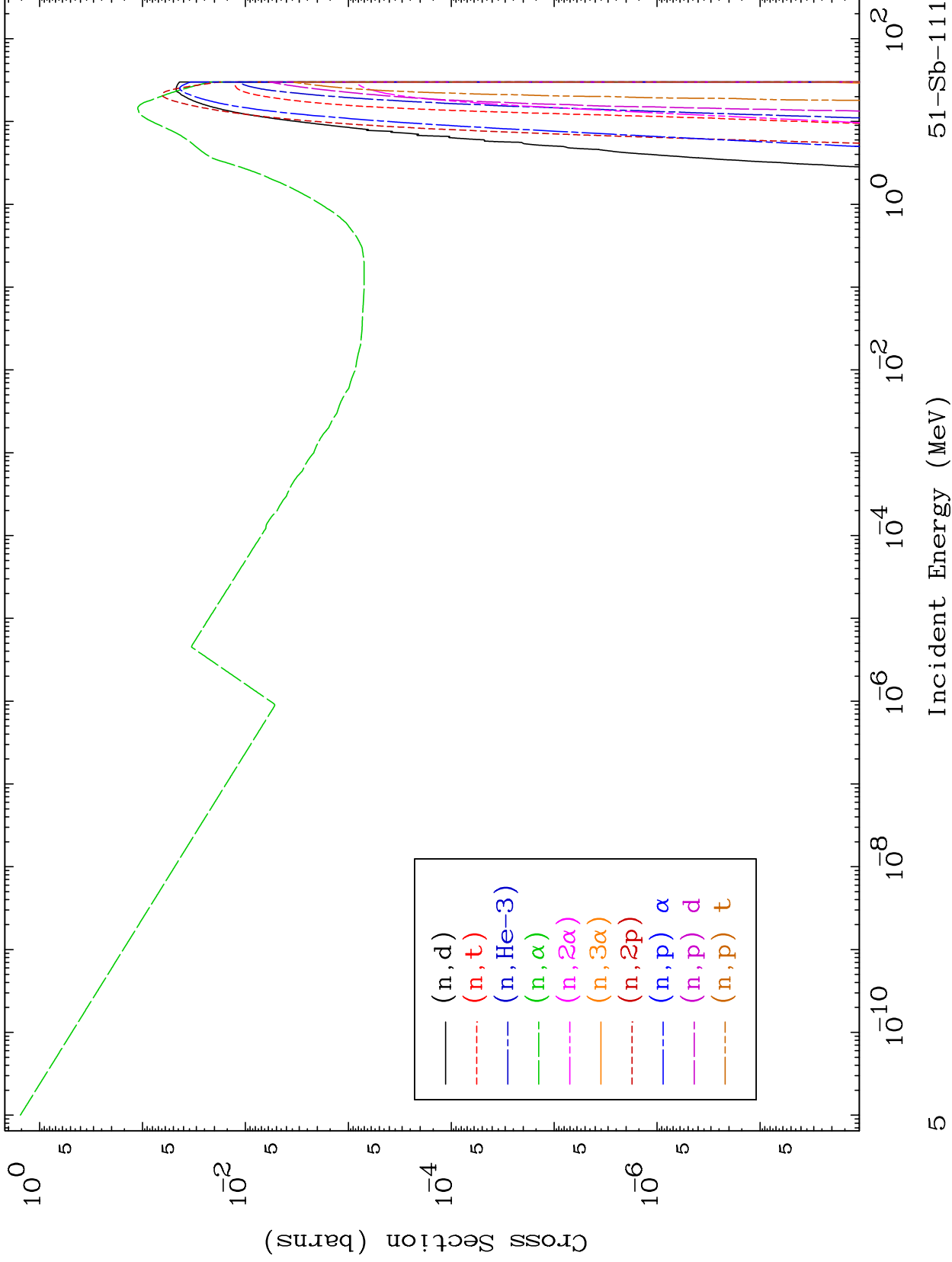
51-Sb-111



MAT 5095

Charged Particle
293 Kelvin Cross Sections

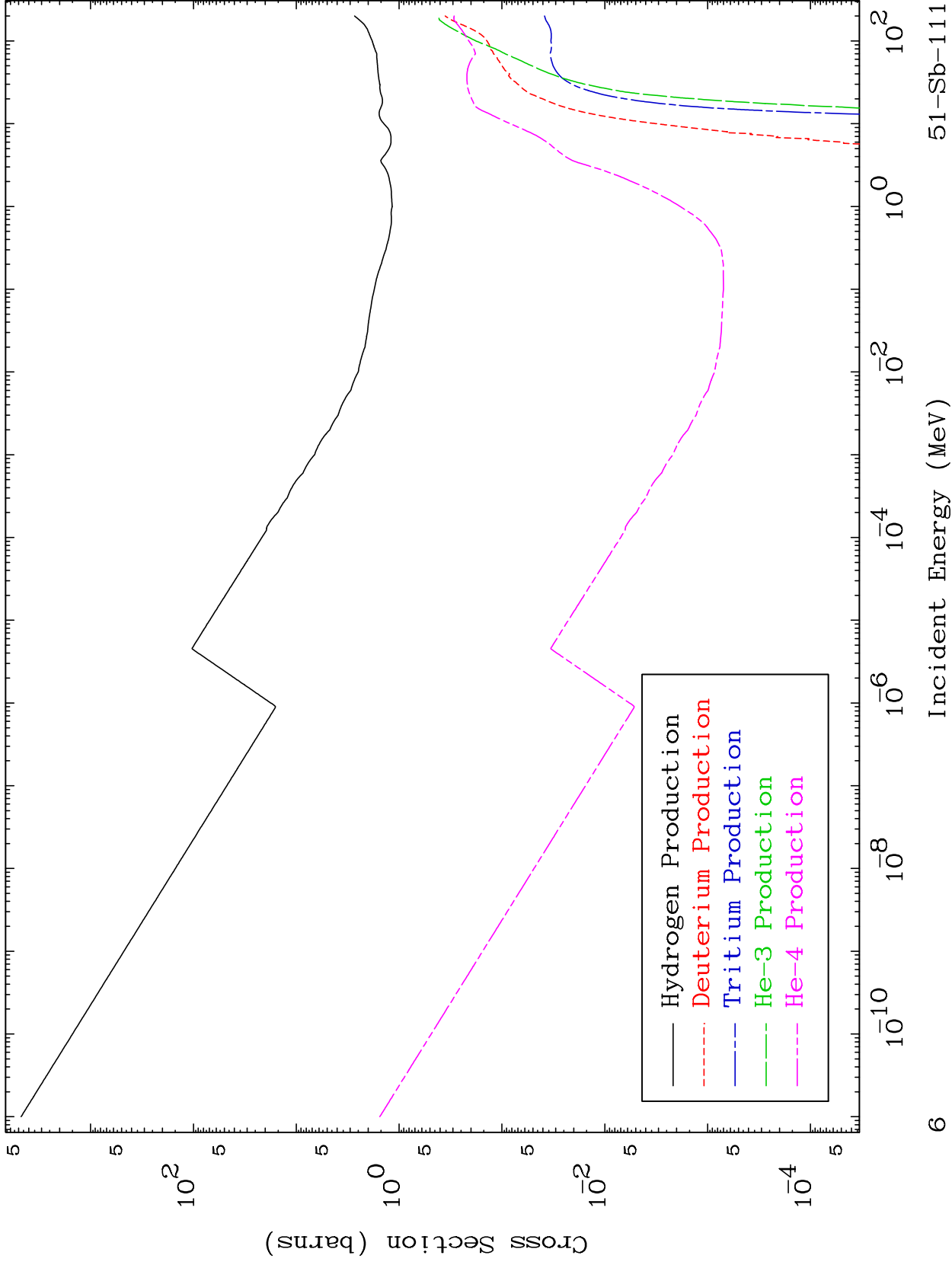
51-Sb-111



MAT 5095

Particle Production
293 Kelvin Cross Sections

51-Sb-111

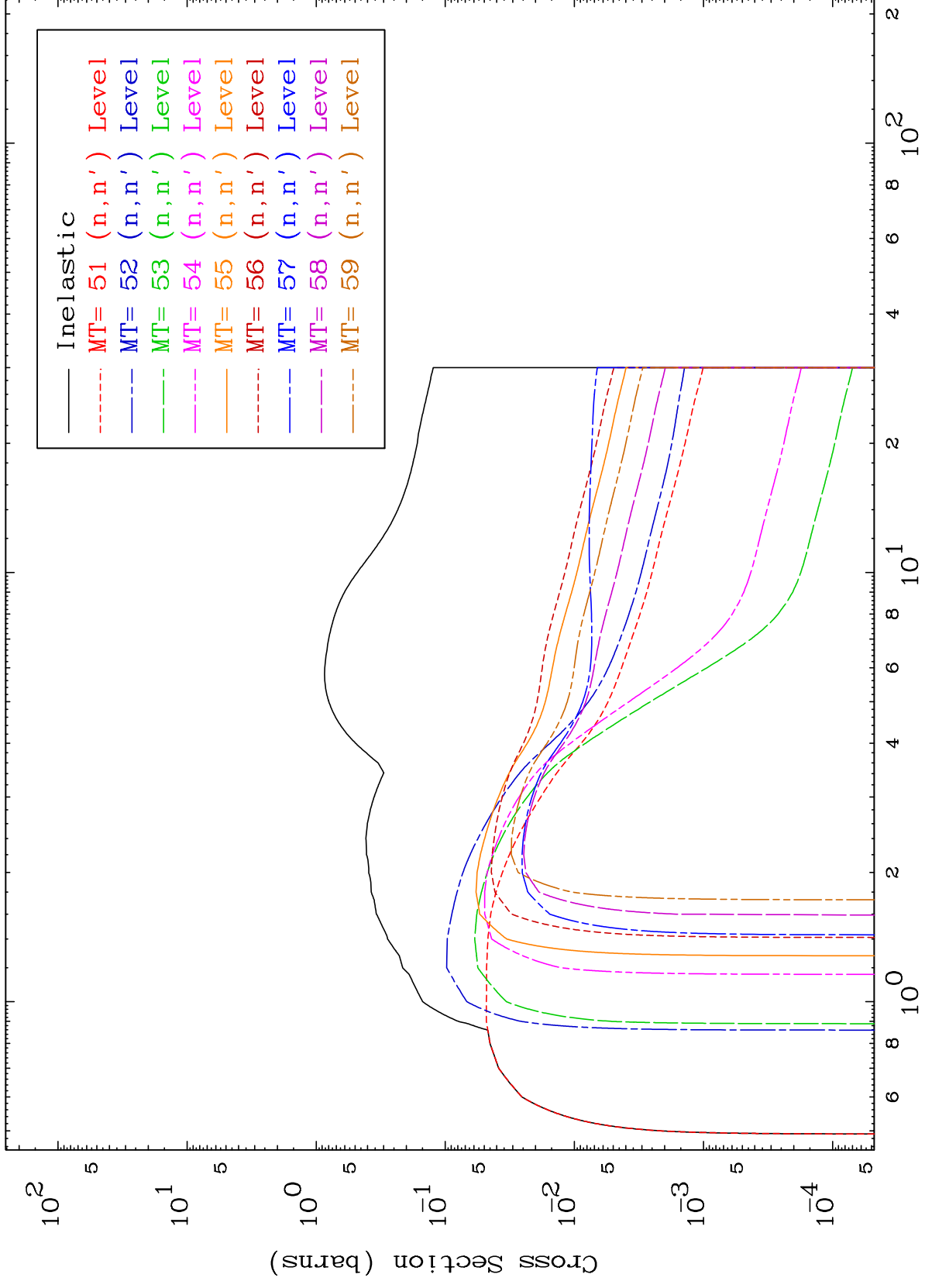


MAT 5095

(n,n') Level

51-Sb-111

293 Kelvin Cross Sections



7

Incident Energy (MeV)

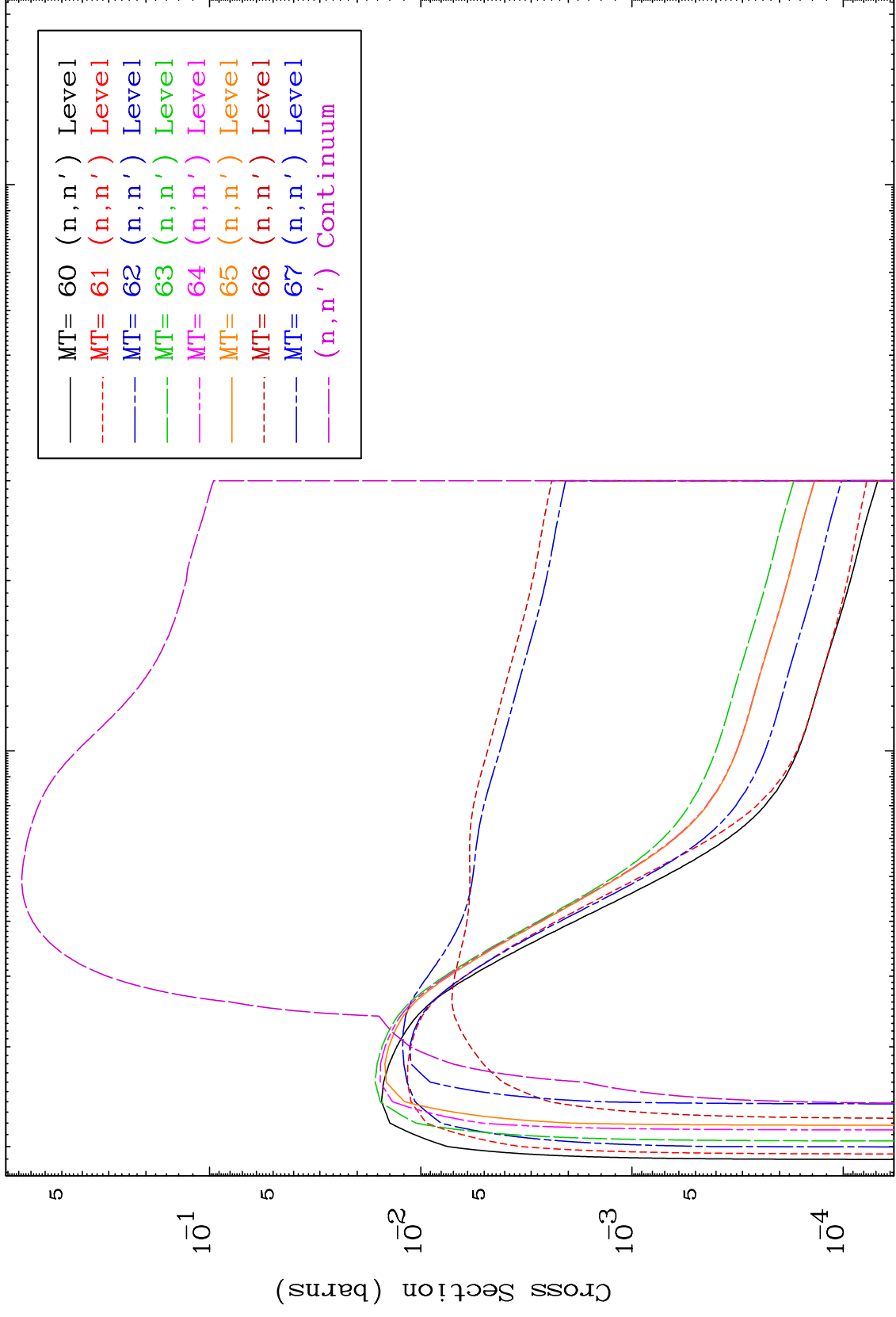
51-Sb-111

MAT 5095

(n,n') Level

51-Sb-111

293 Kelvin Cross Sections



8

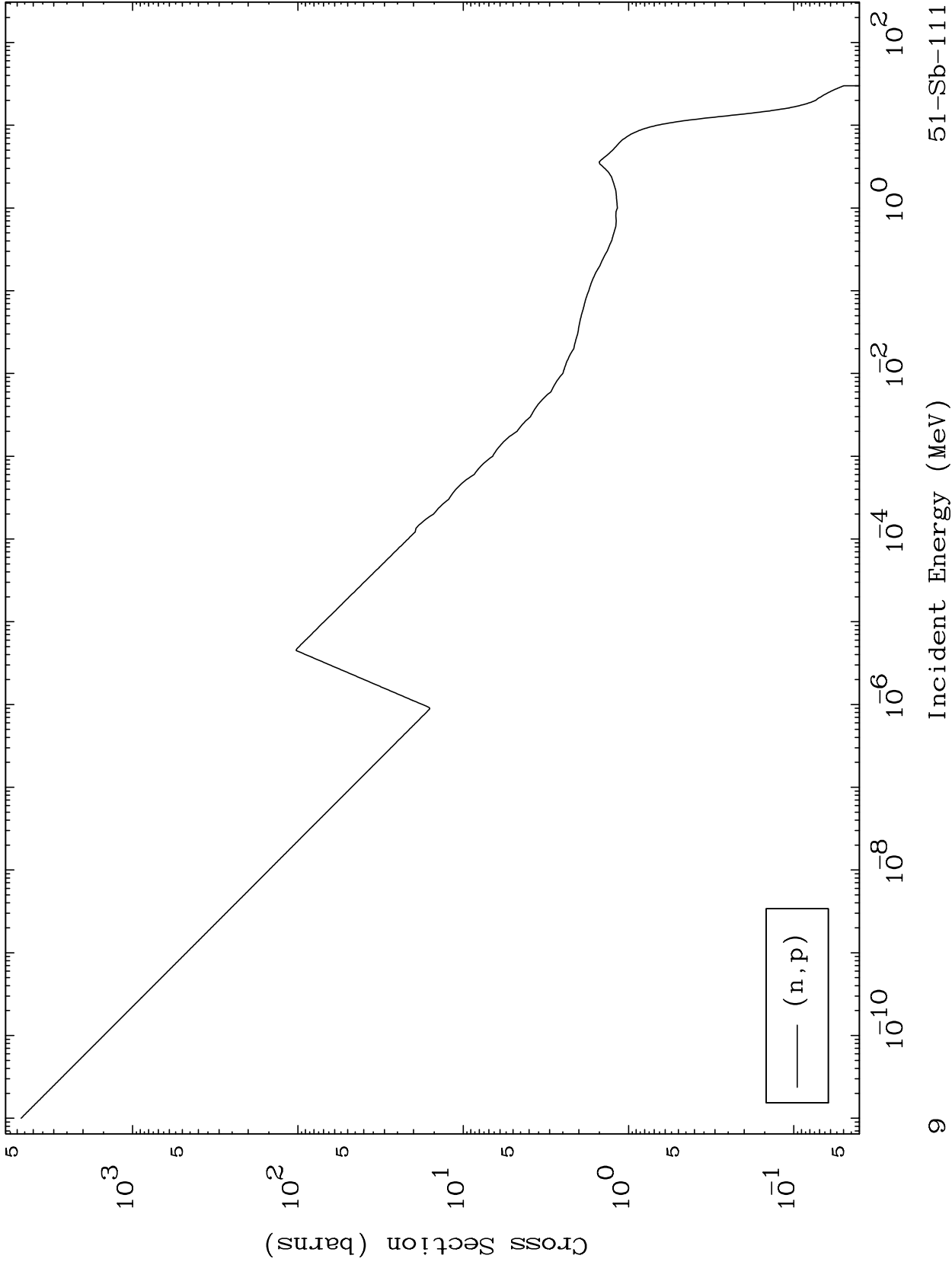
Incident Energy (MeV)

51-Sb-111

MAT 5095

(n,p) Levels
293 Kelvin Cross Sections

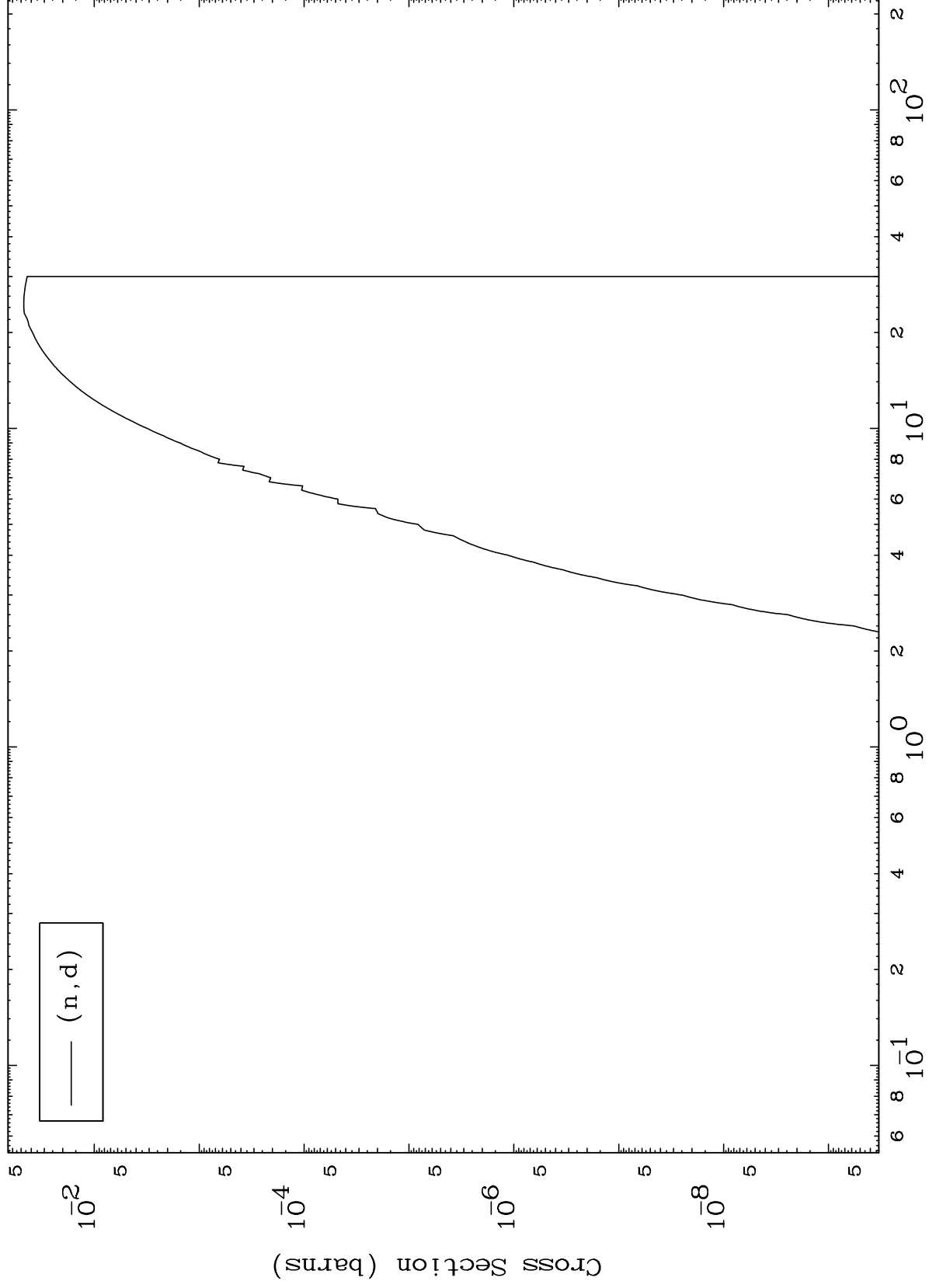
51-Sb-111



MAT 5095

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-111



10

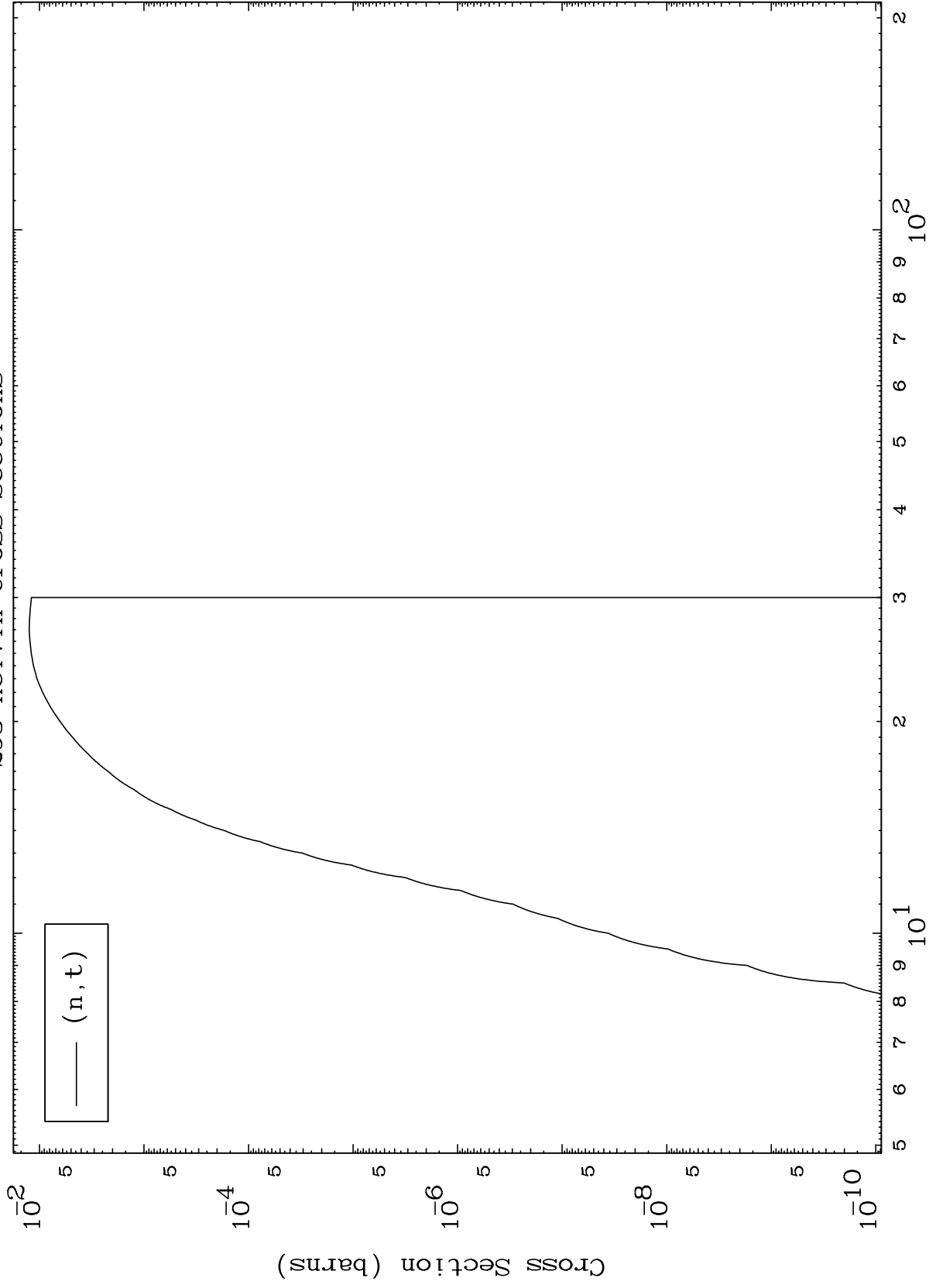
Incident Energy (MeV)

51-Sb-111

MAT 5095

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-111



(n,t)

11

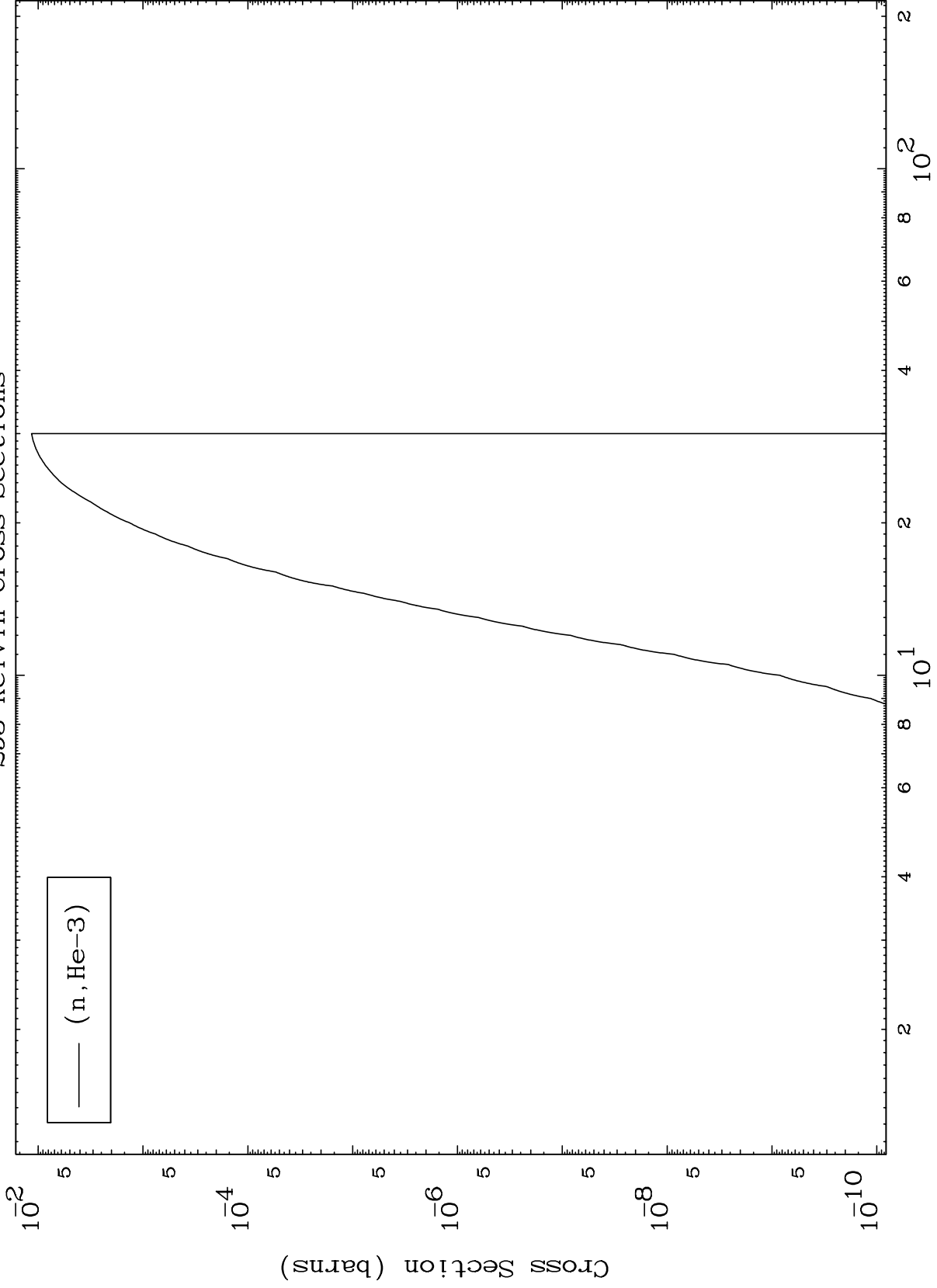
Incident Energy (MeV)

51-Sb-111

MAT 5095

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-111



12

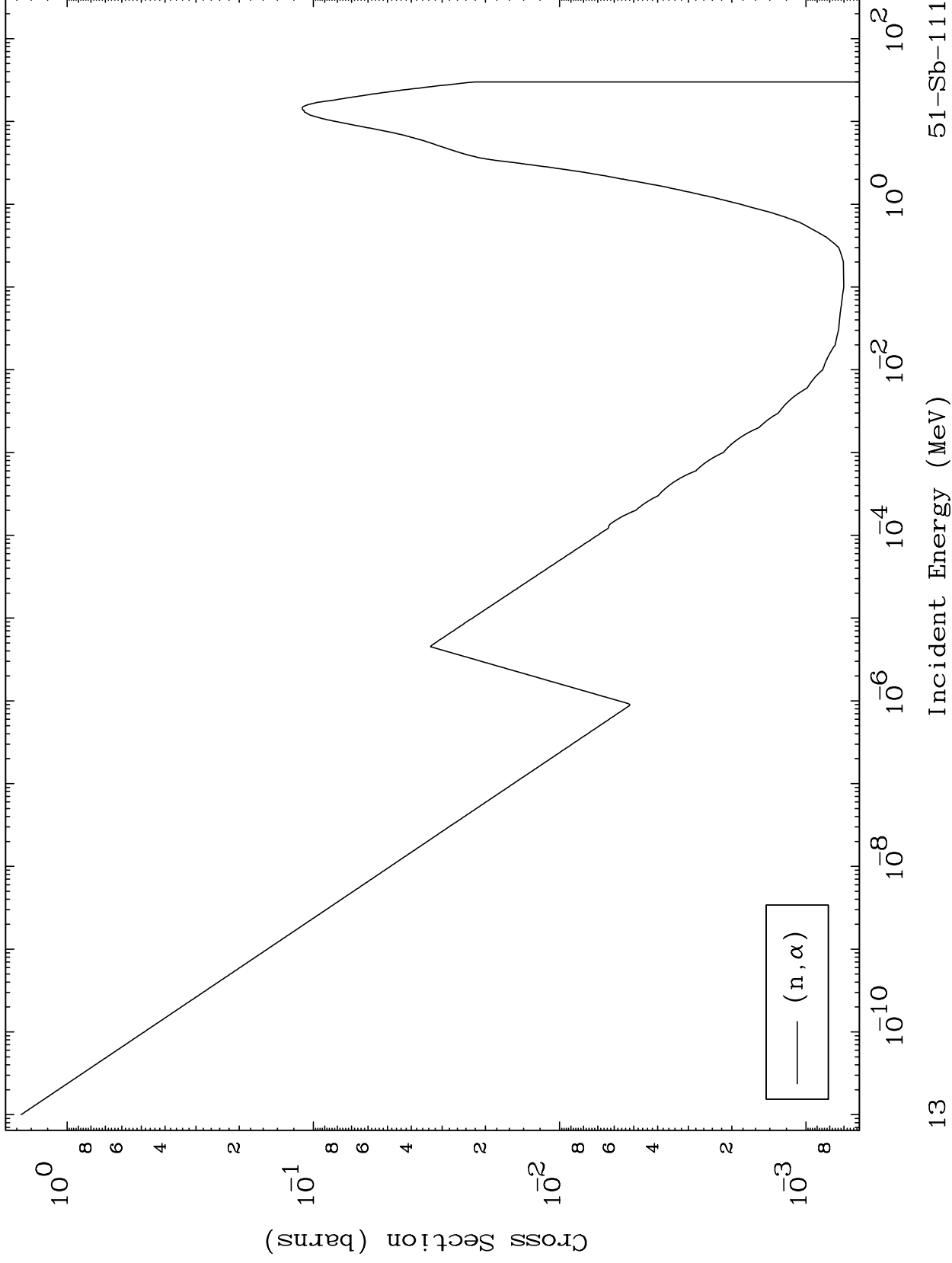
Incident Energy (MeV)

51-Sb-111

MAT 5095

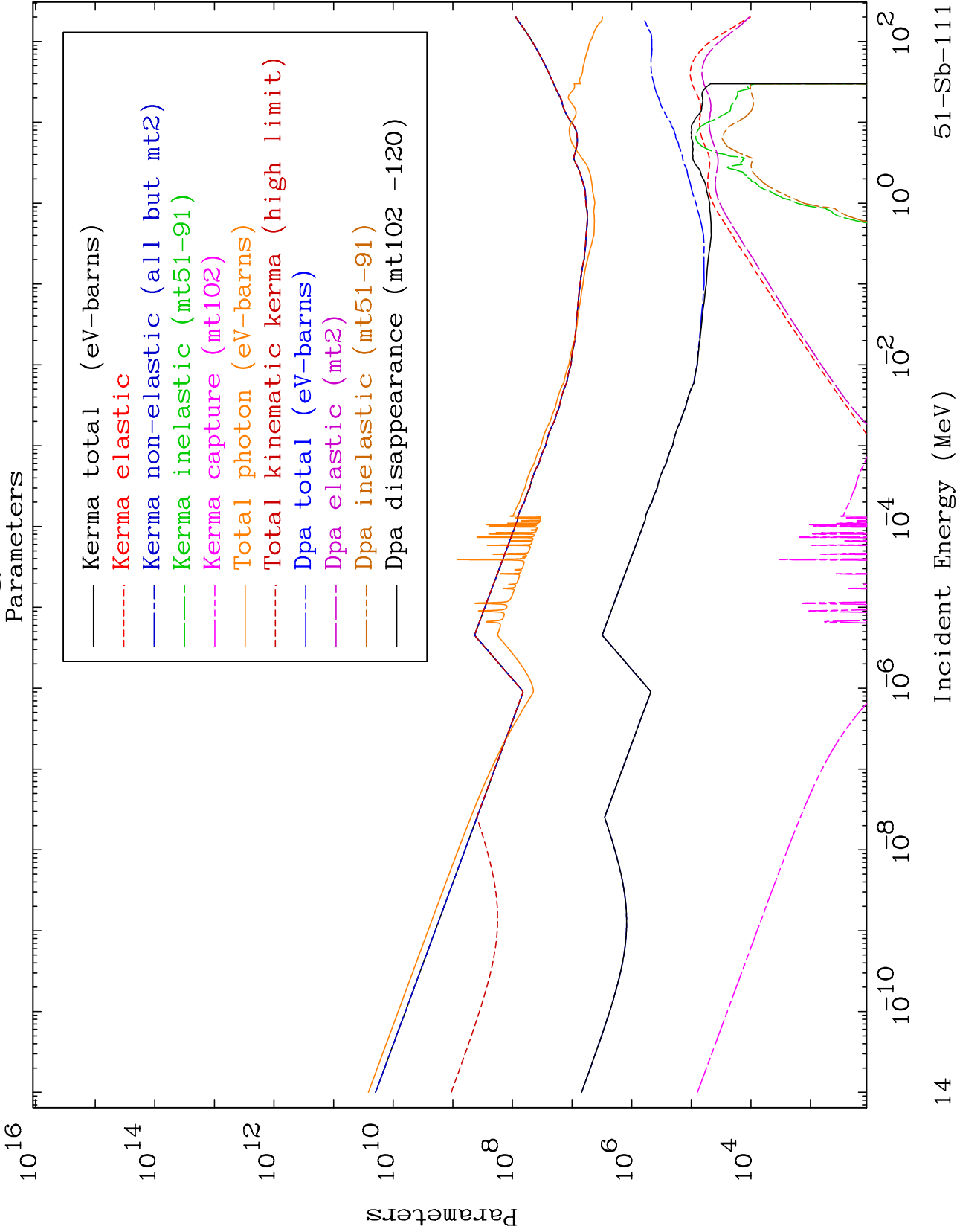
(n,α) Levels
293 Kelvin Cross Sections

51-Sb-111



13

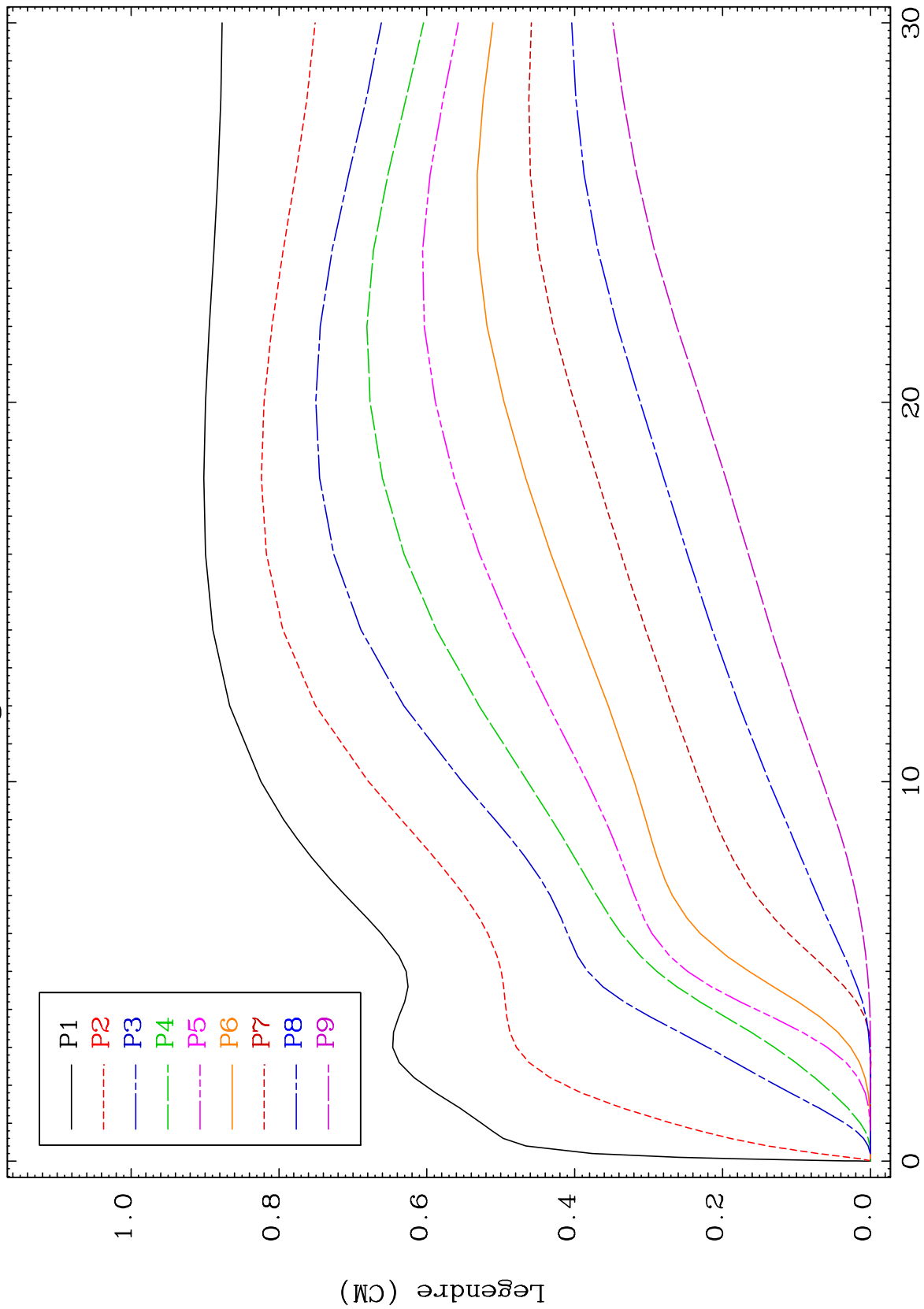
51-Sb-111



MAT 5095

Elastic Legendre Coefficients

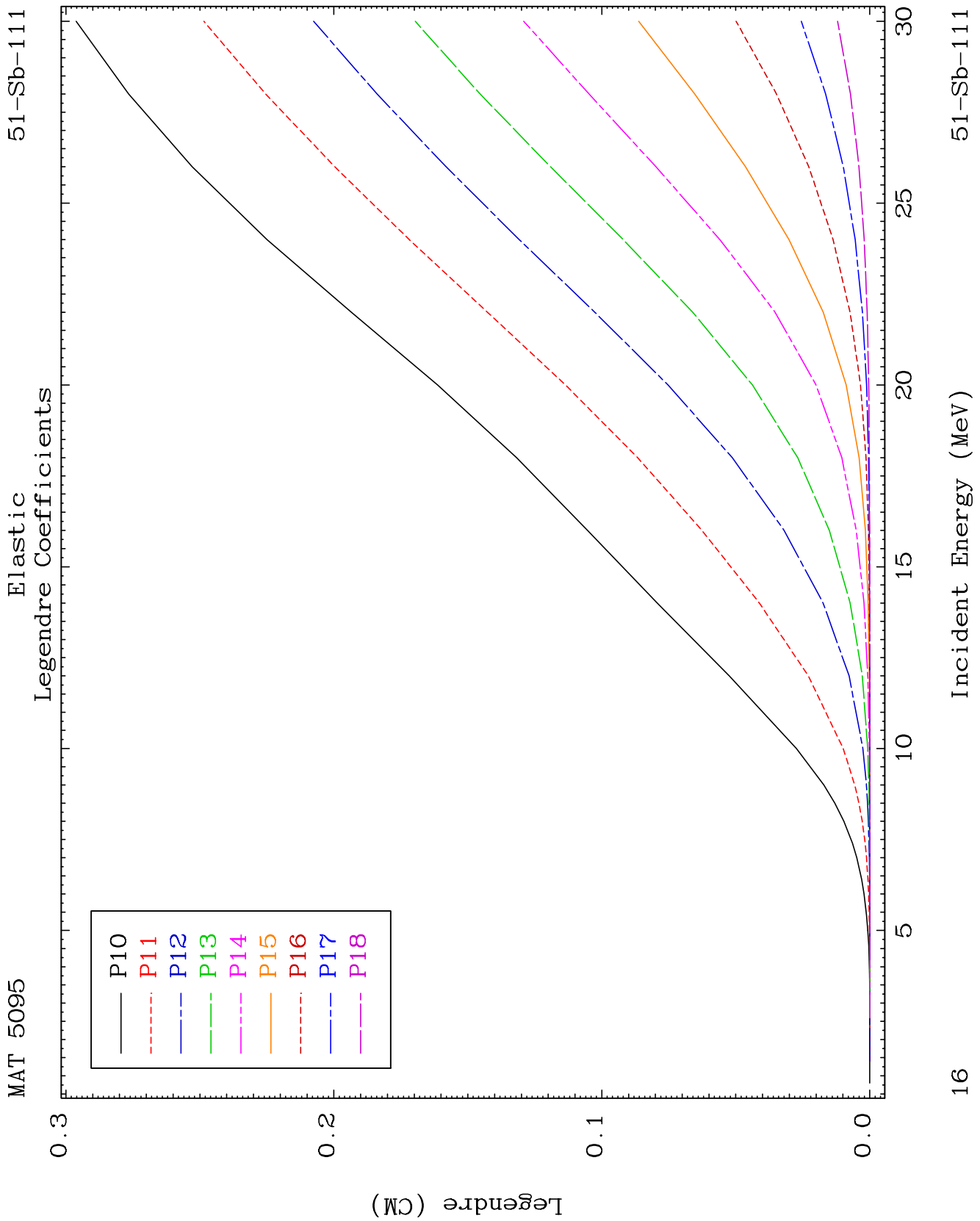
51-Sb-111



15

Incident Energy (MeV)

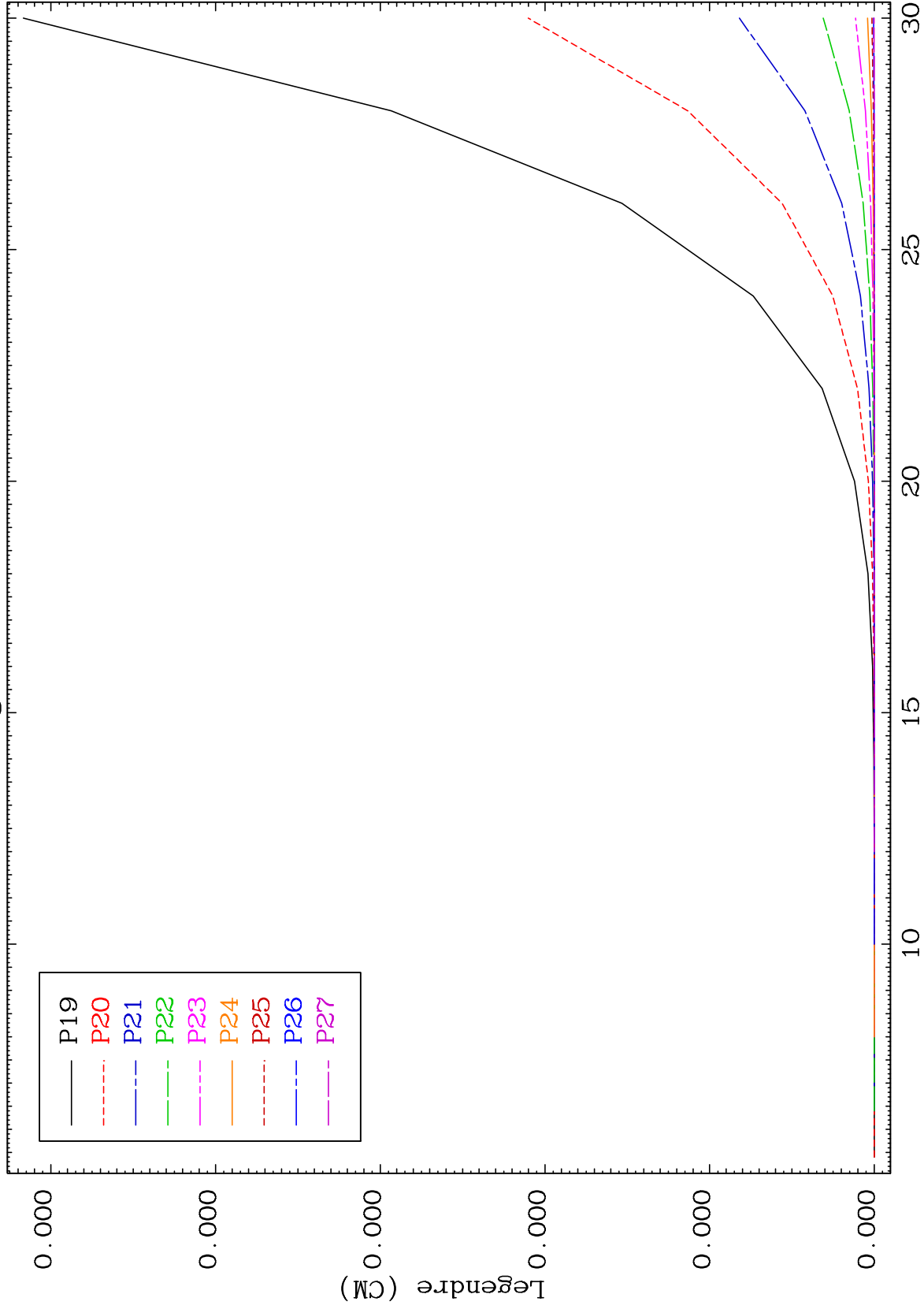
51-Sb-111



MAT 5095

Elastic Legendre Coefficients

51-Sb-111



17

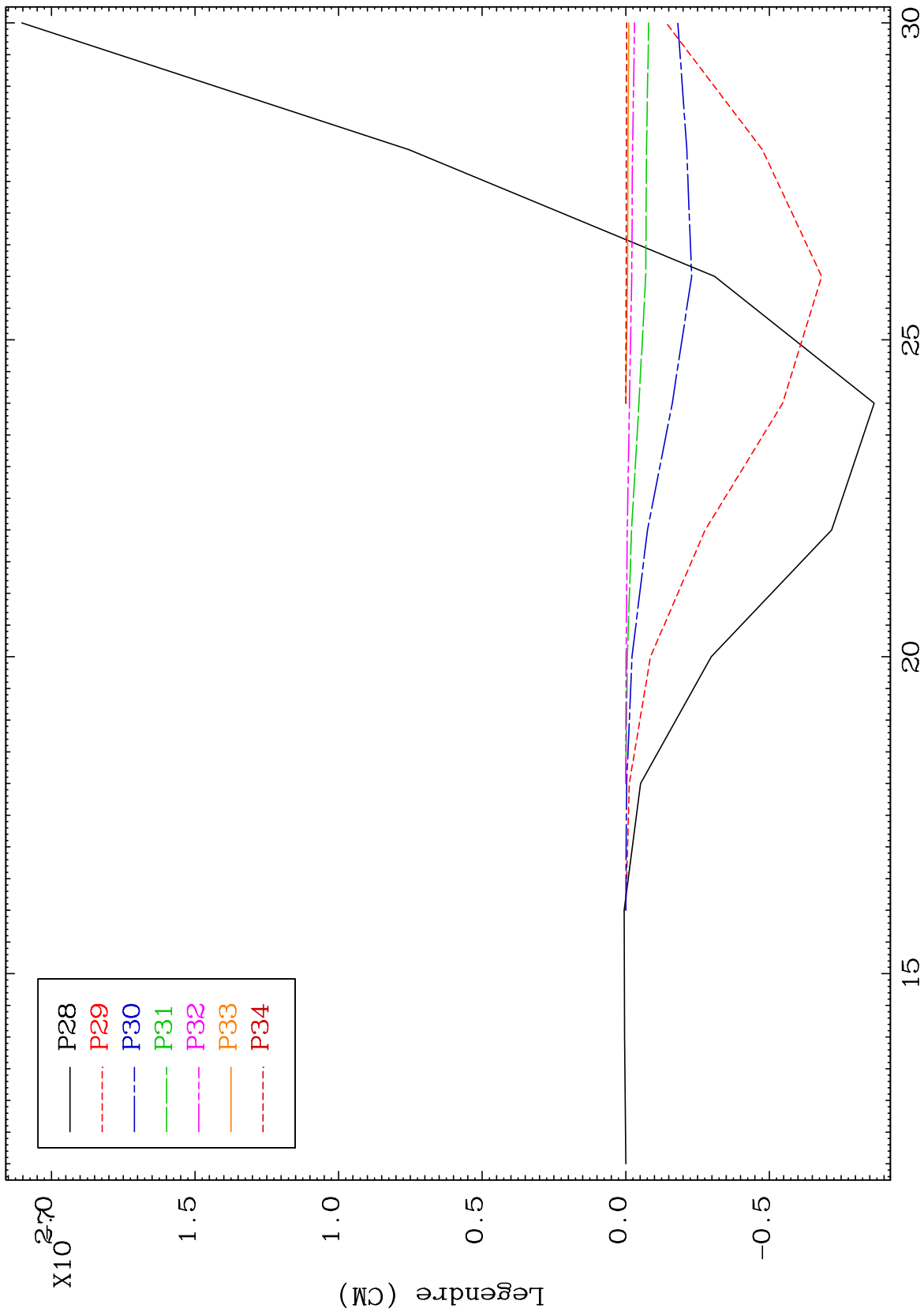
Incident Energy (MeV)

51-Sb-111

MAT 5095

Elastic Legendre Coefficients

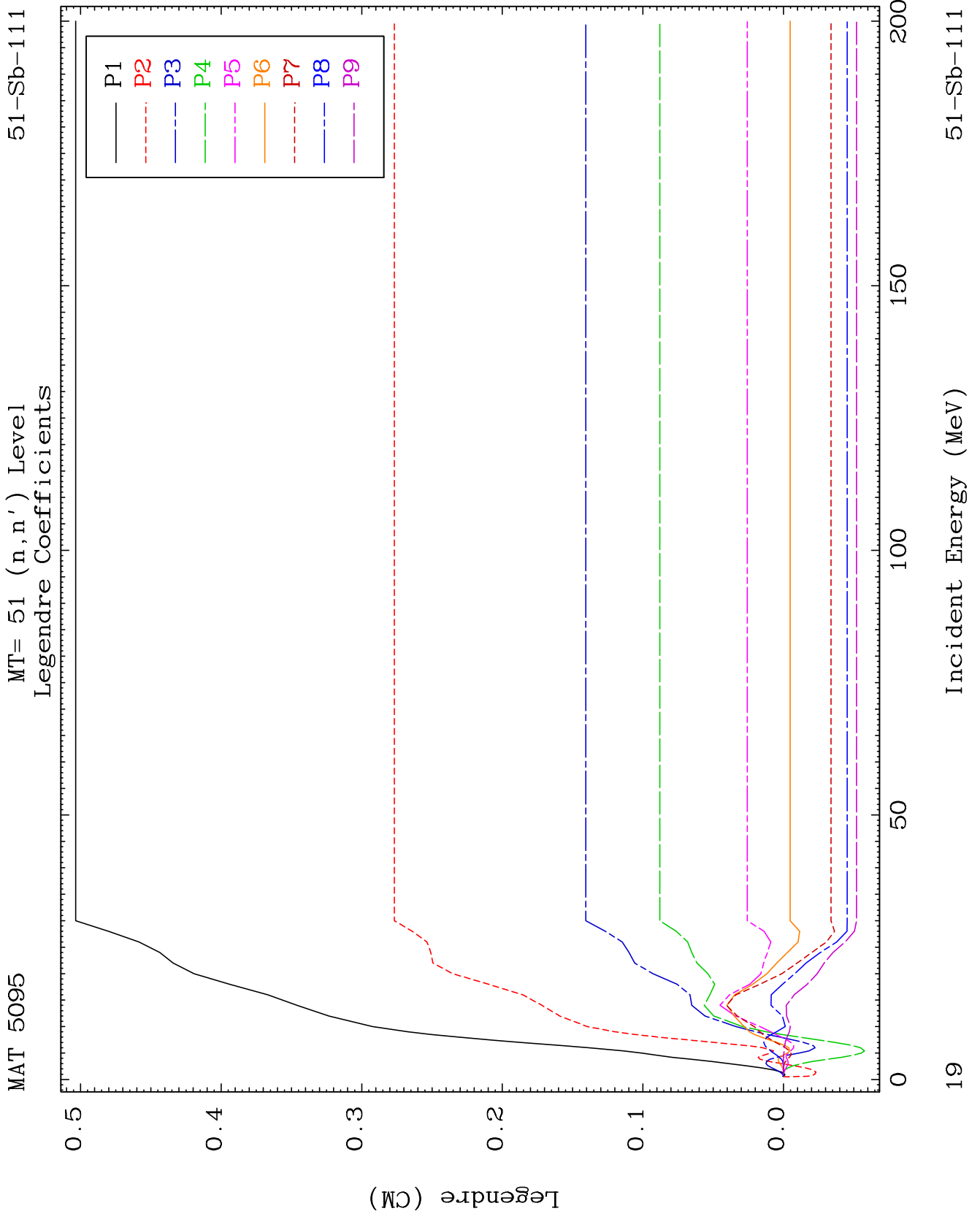
51-Sb-111



18

Incident Energy (MeV)

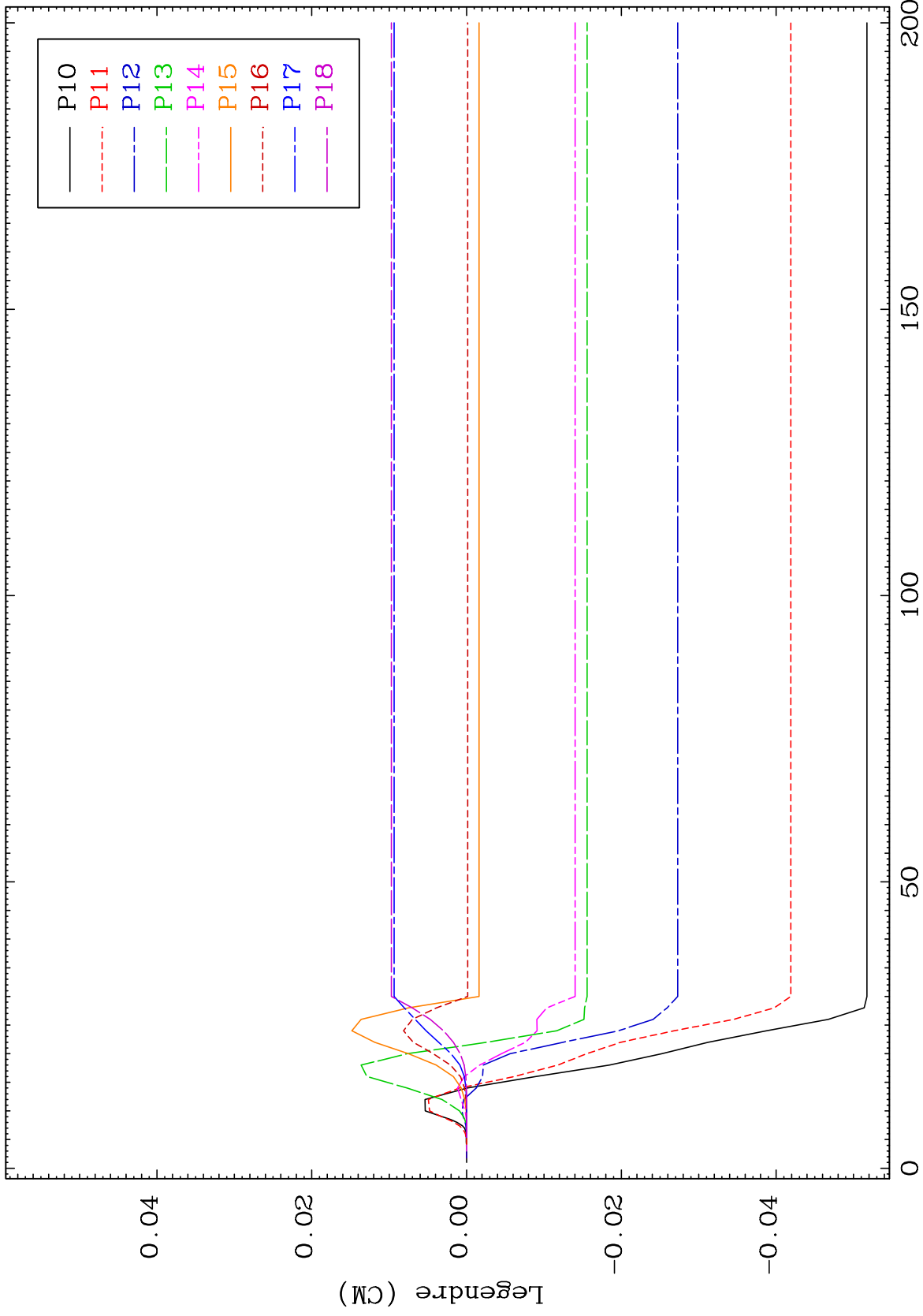
51-Sb-111



MAT 5095

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

51-Sb-111



0

50

100

150

200

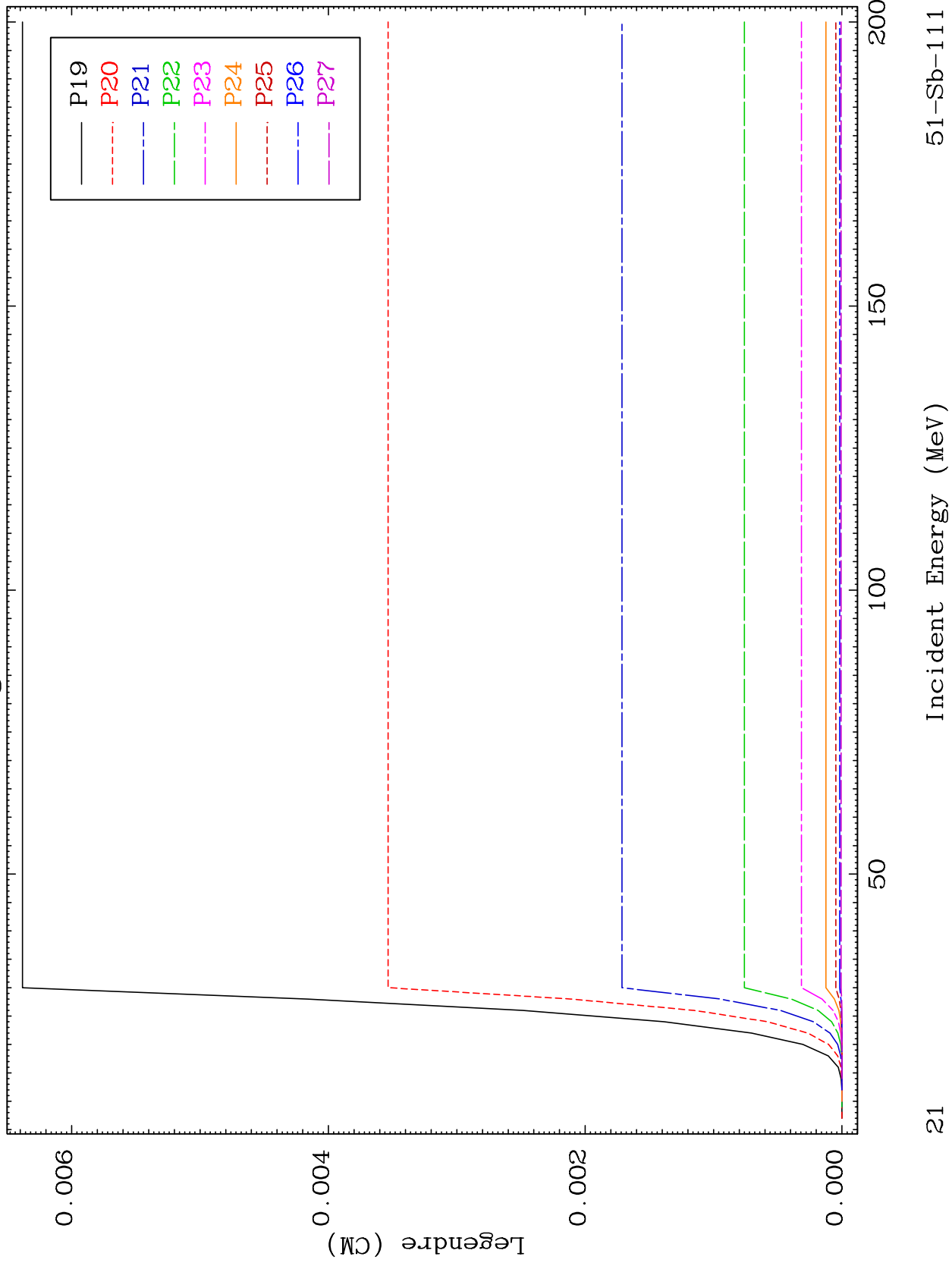
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



21

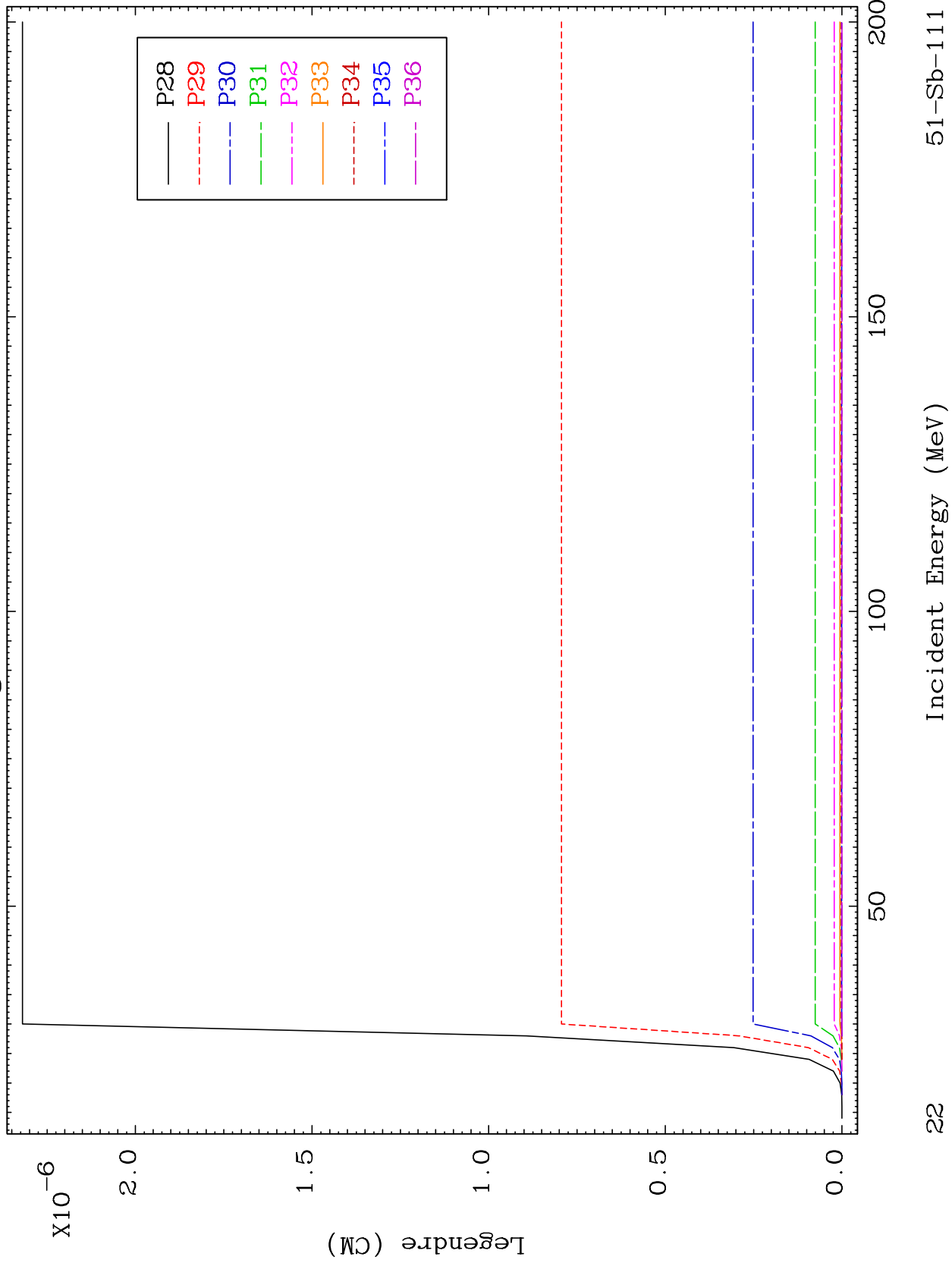
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

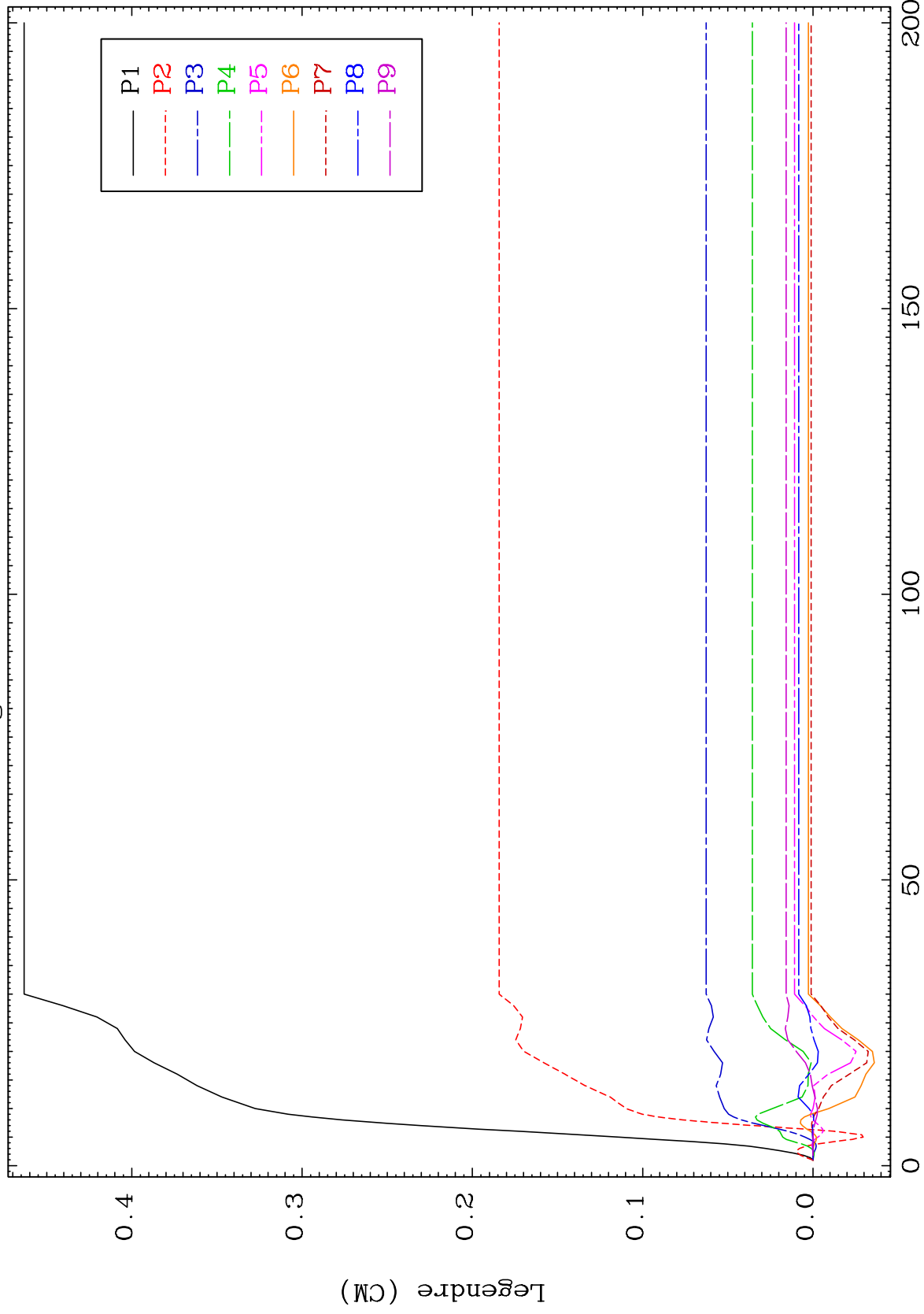
51-Sb-111



MAT 5095

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

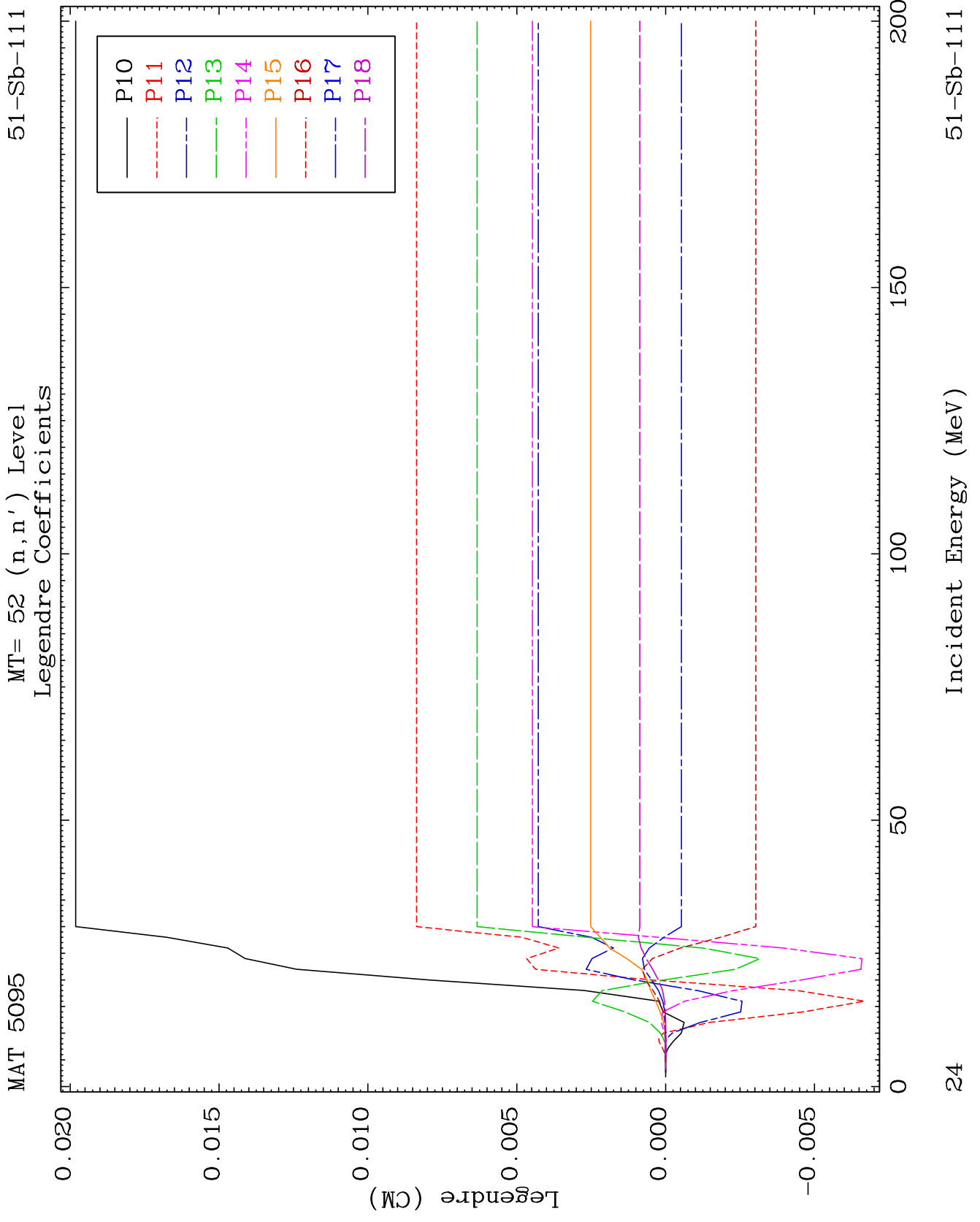
51-Sb-111



23

Incident Energy (MeV)

51-Sb-111



51-Sb-111

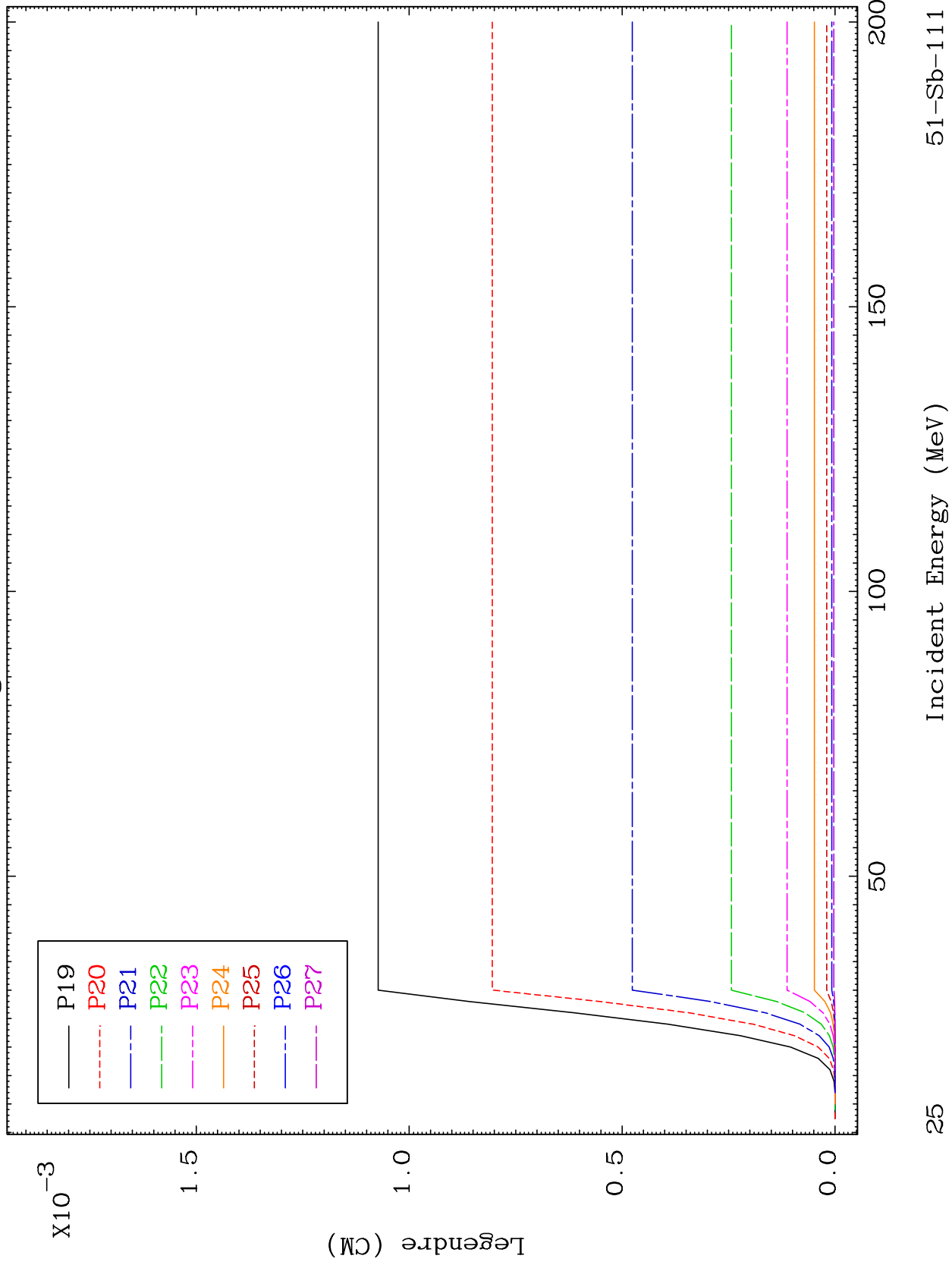
Incident Energy (MeV)

24

MAT 5095

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

51-Sb-111



25

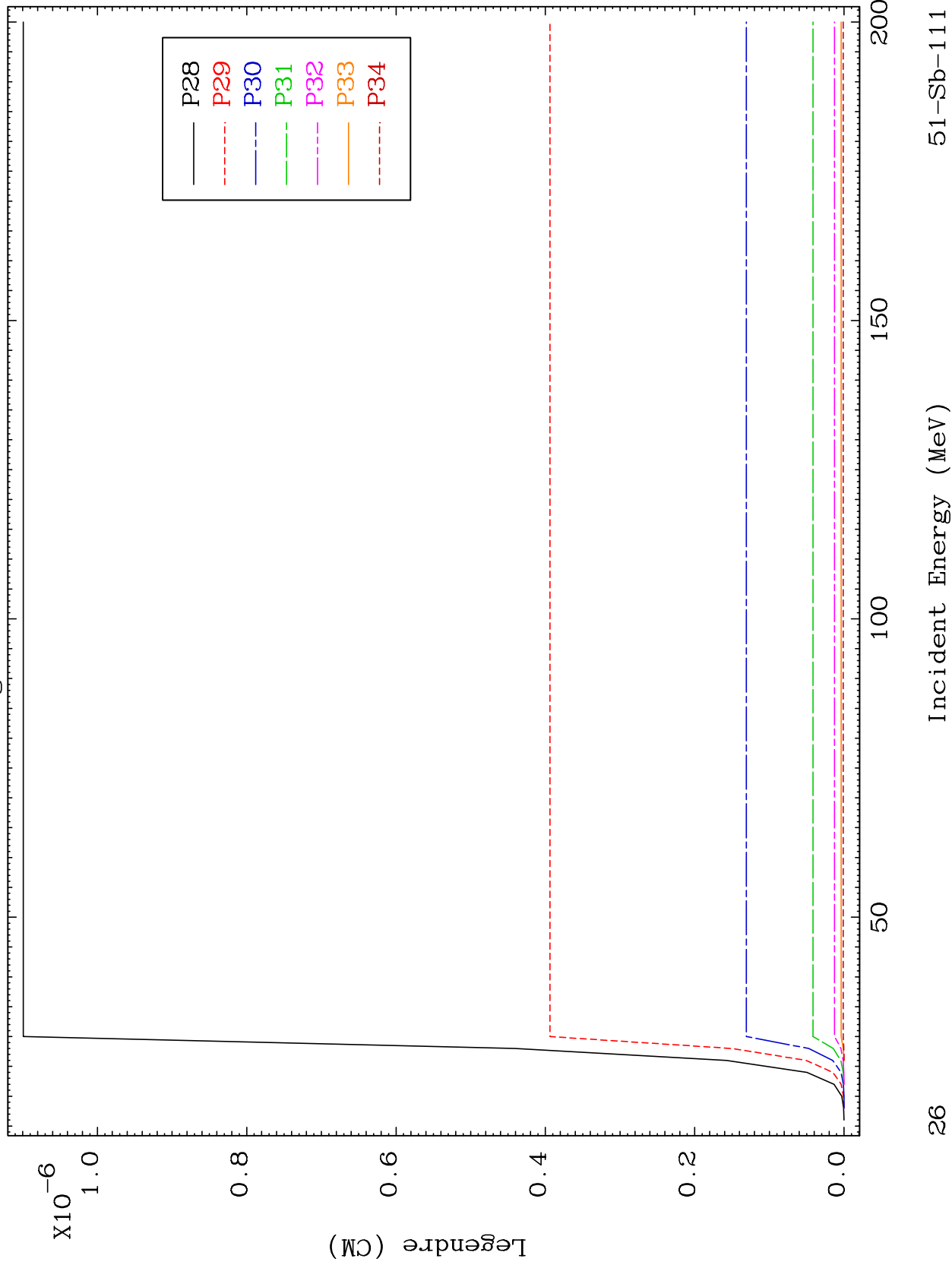
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111

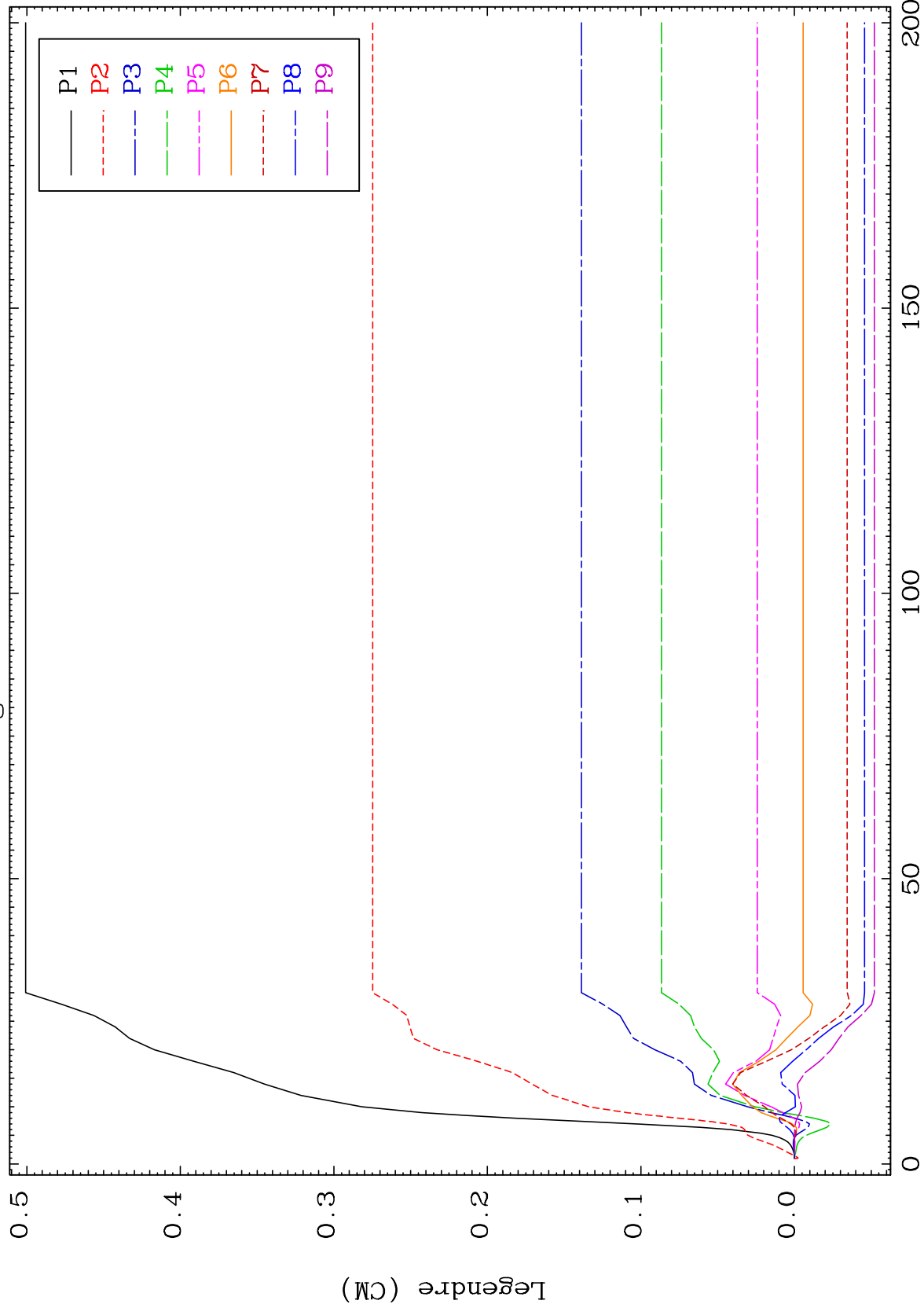


26

MAT 5095

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

51-Sb-111



27

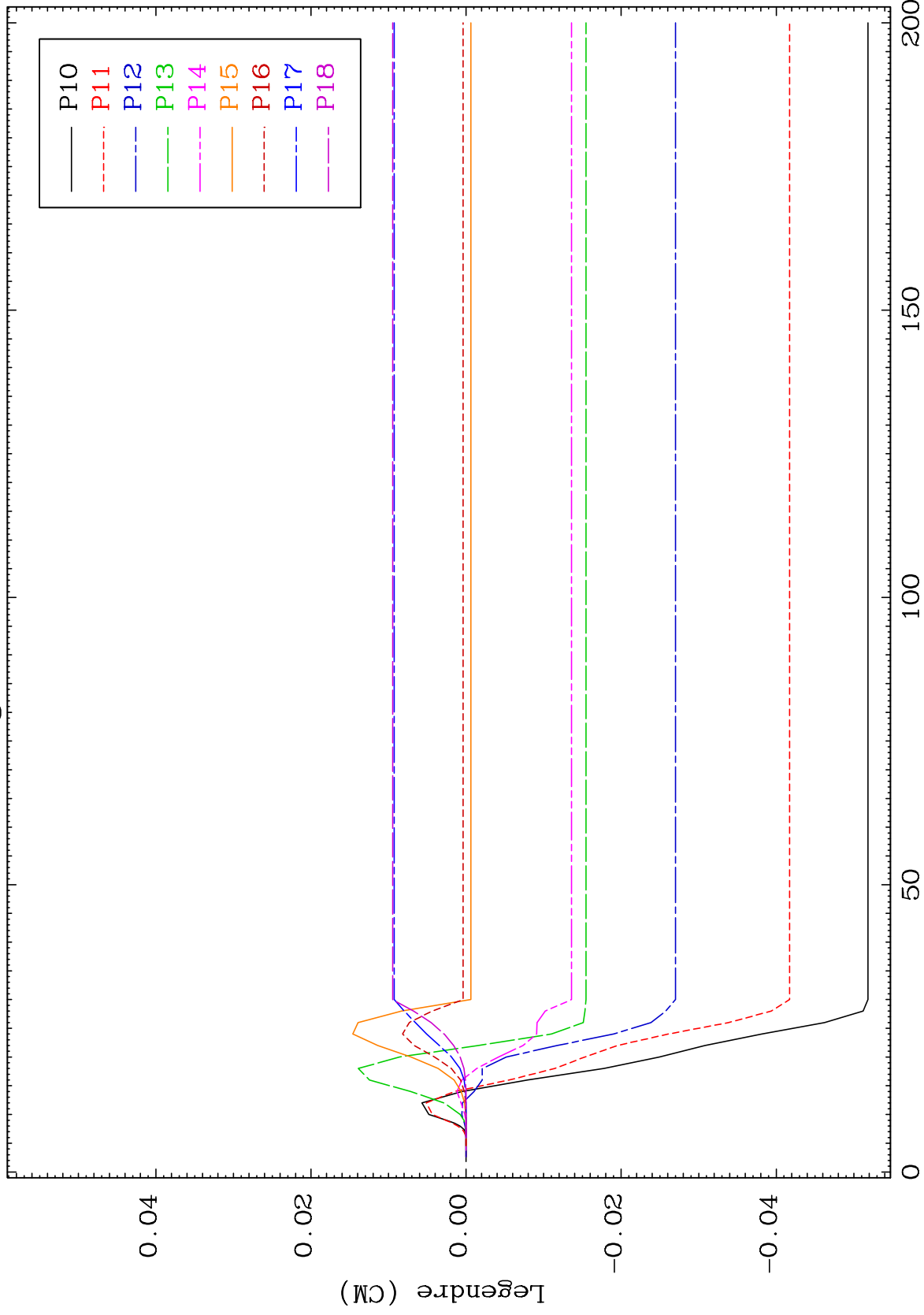
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



28

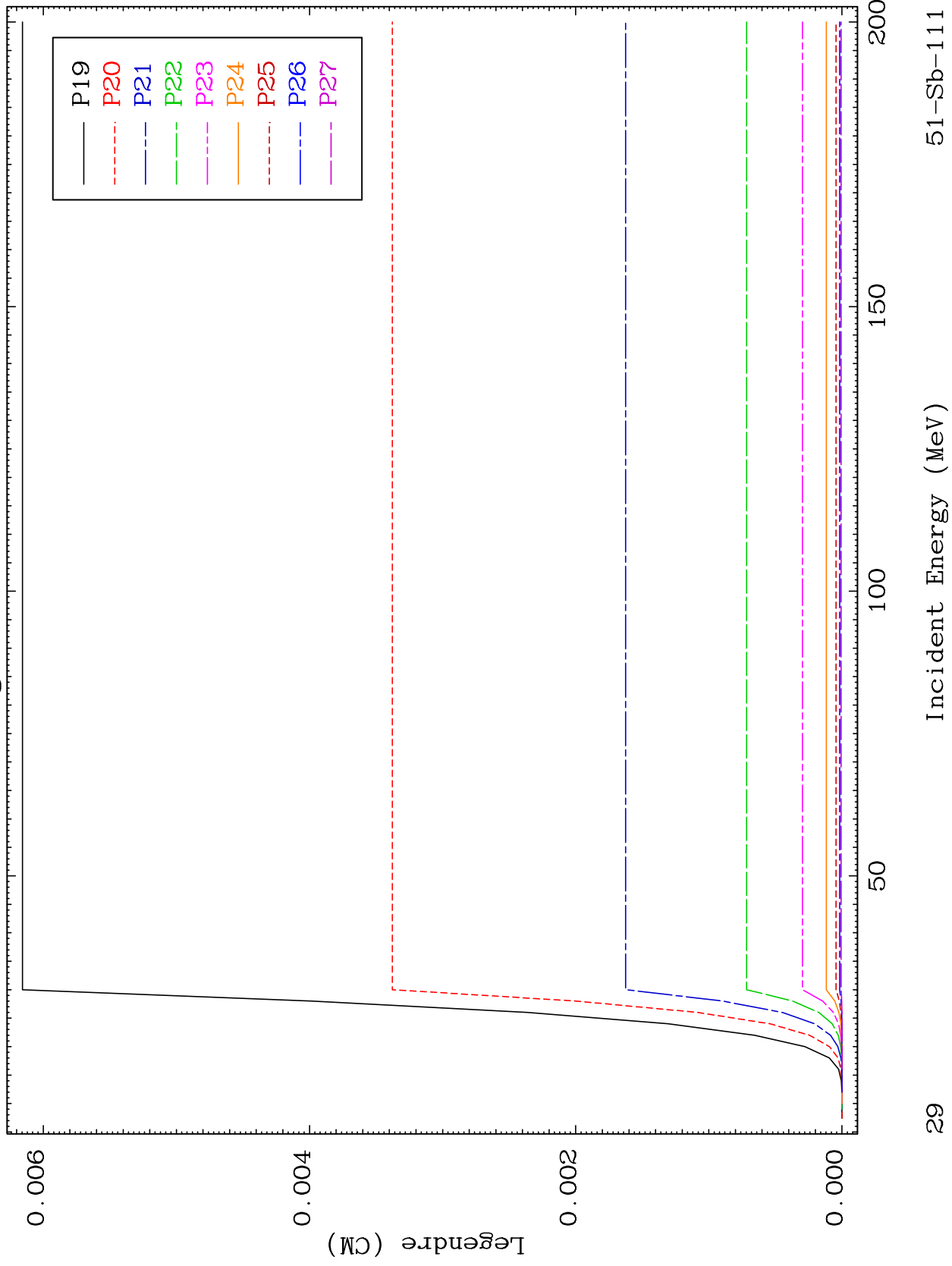
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



29

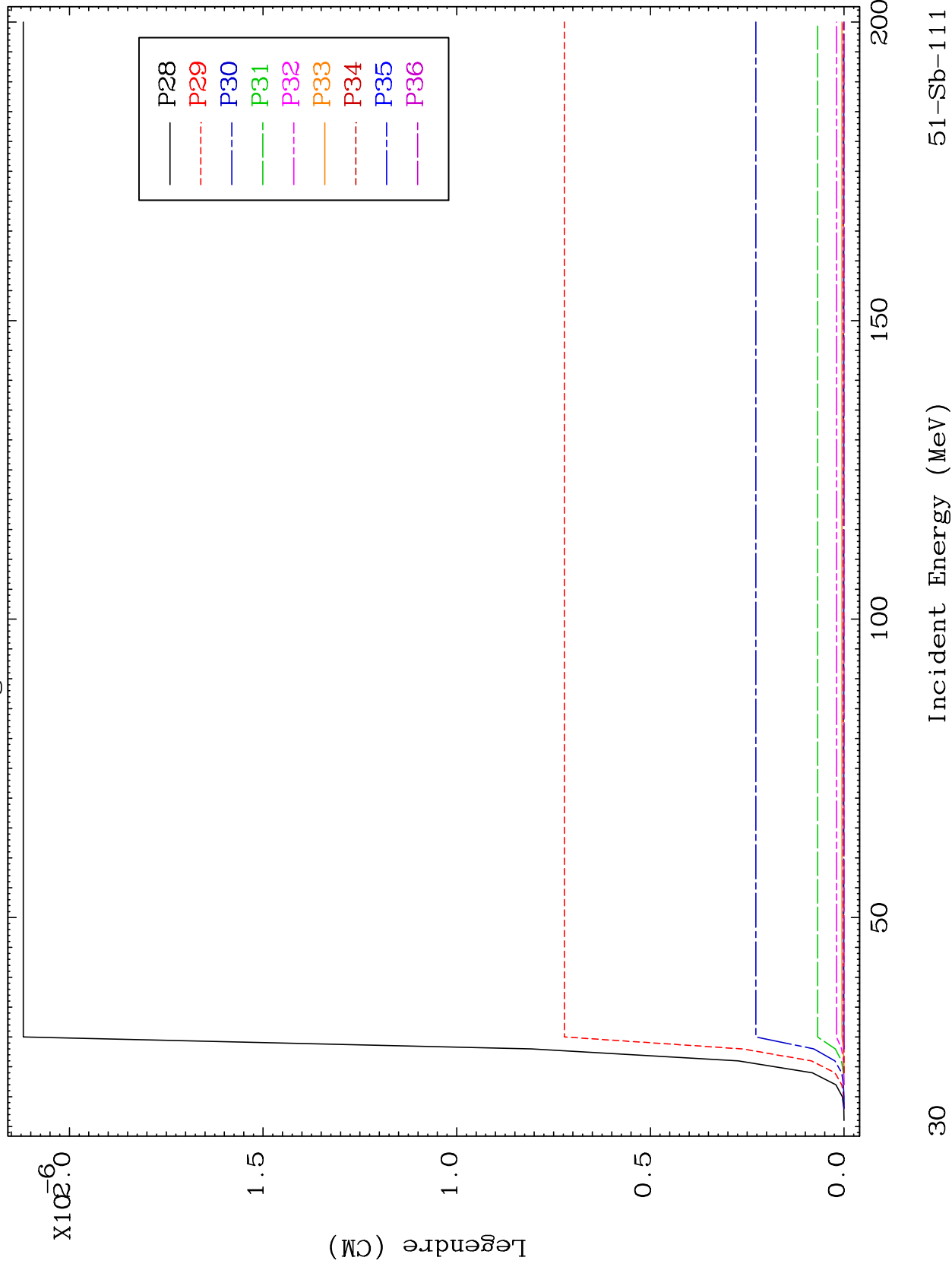
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111

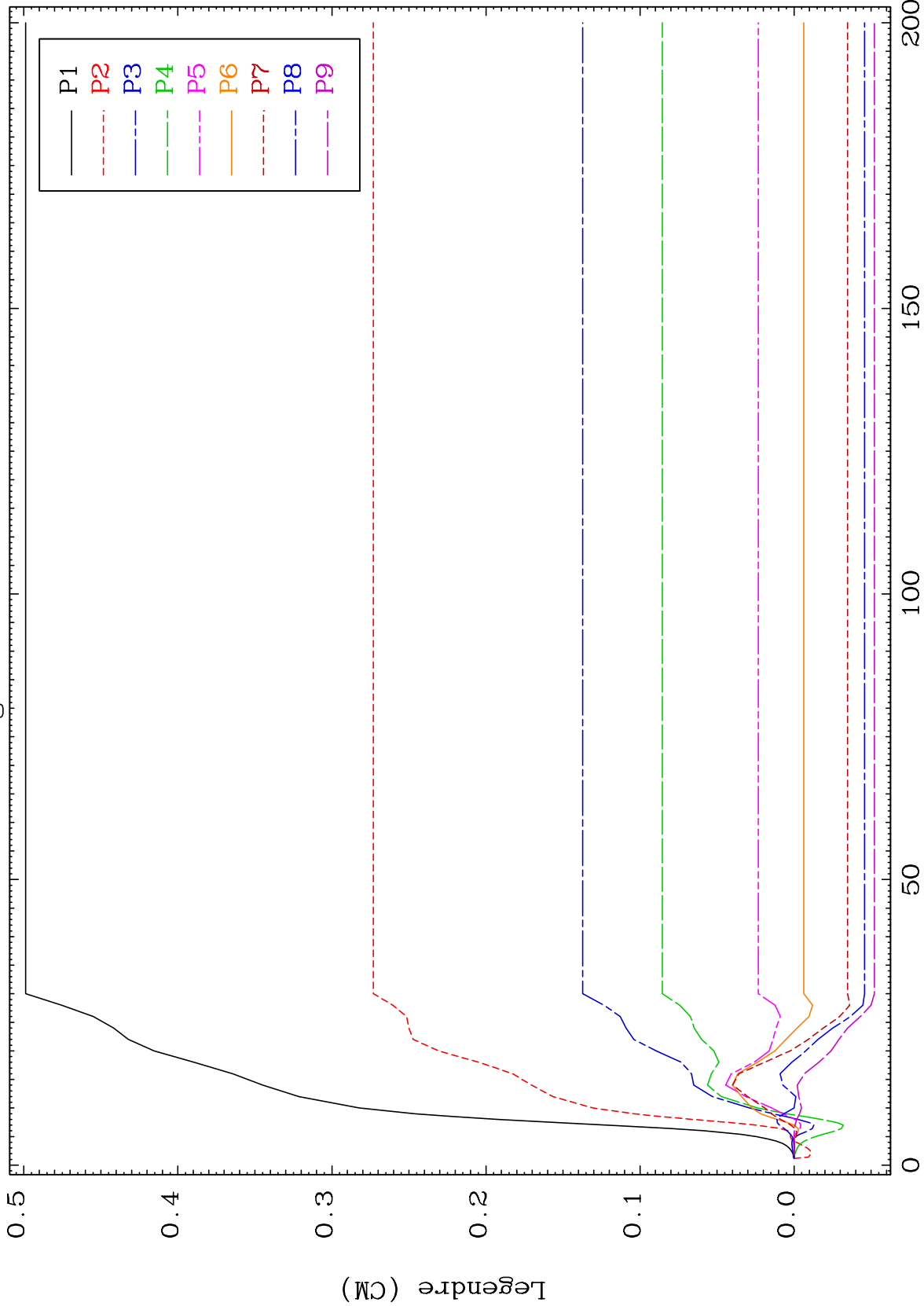


MAT 5095

MT= 54 (n,n') Level

51-Sb-111

Legendre Coefficients



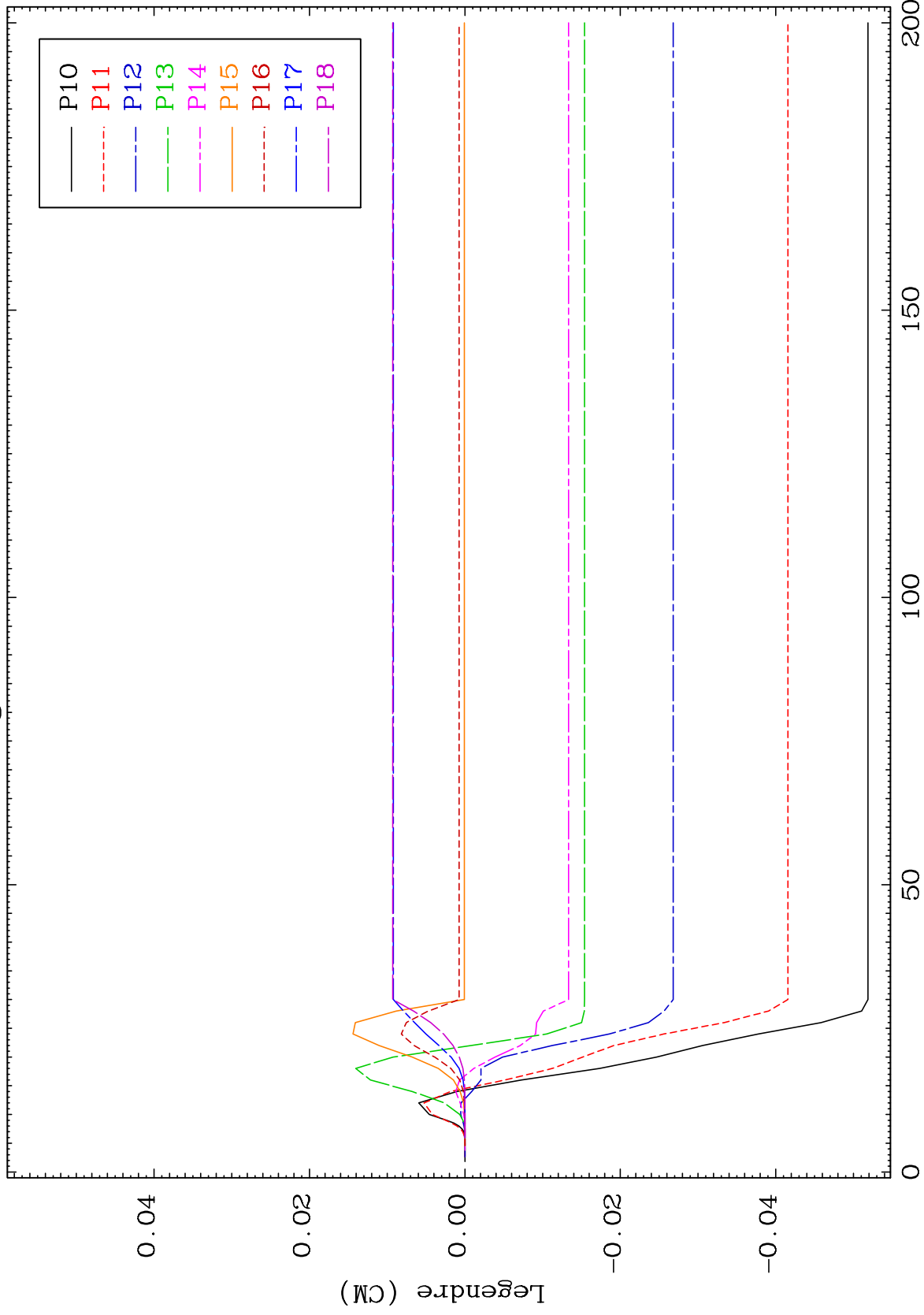
31

51-Sb-111

MAT 5095

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

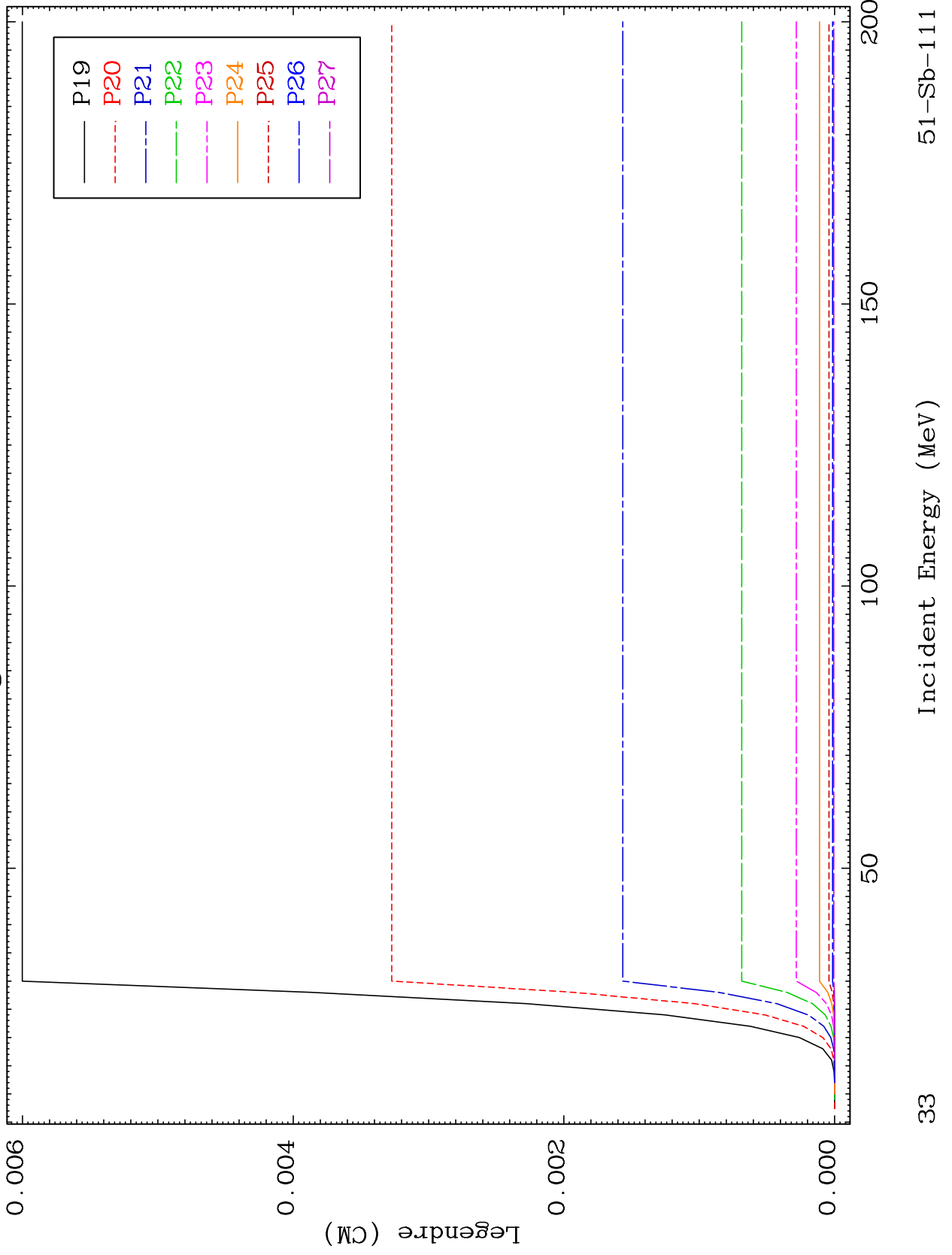
51-Sb-111



32

Incident Energy (MeV)

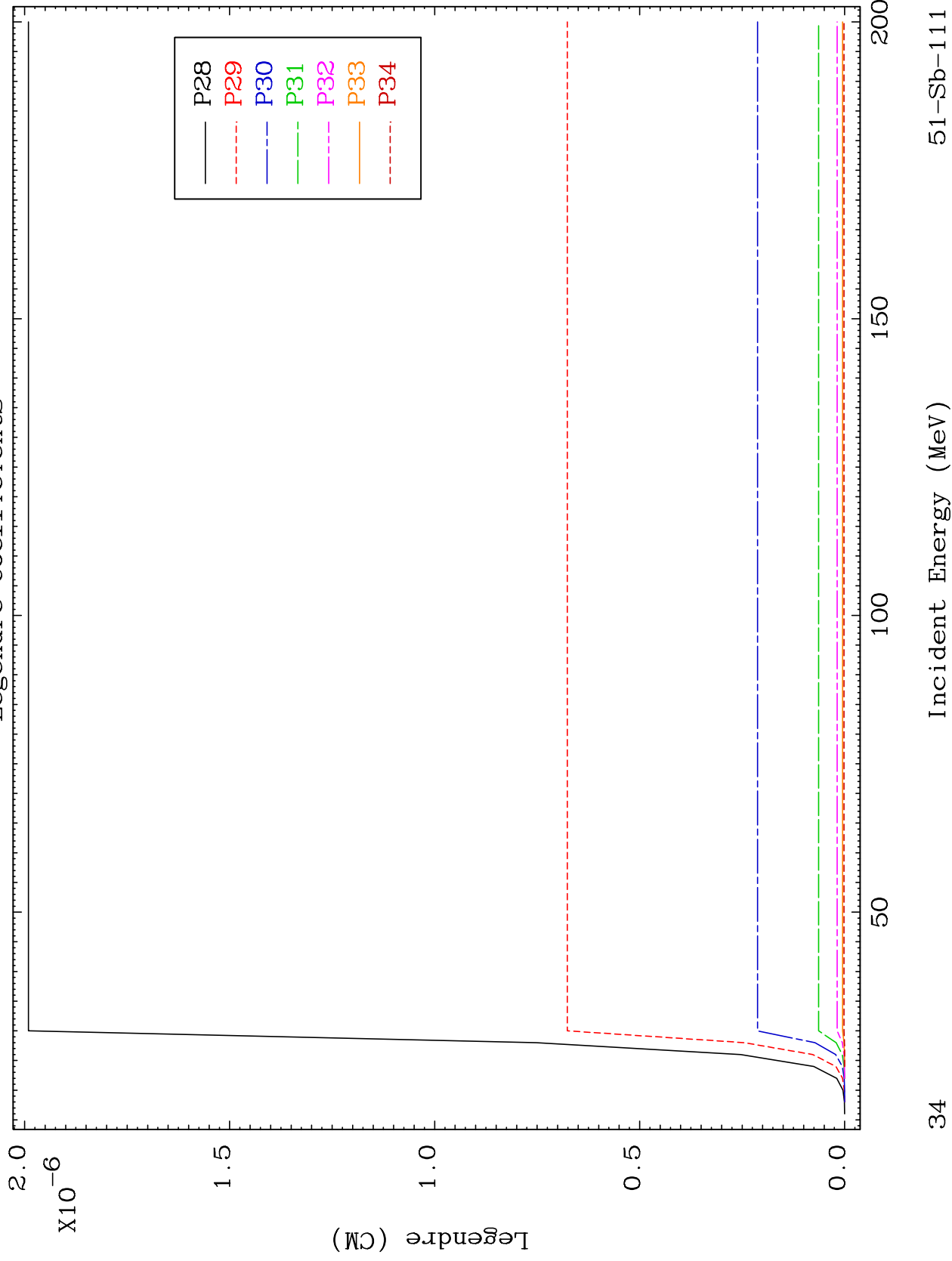
51-Sb-111



MAT 5095

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

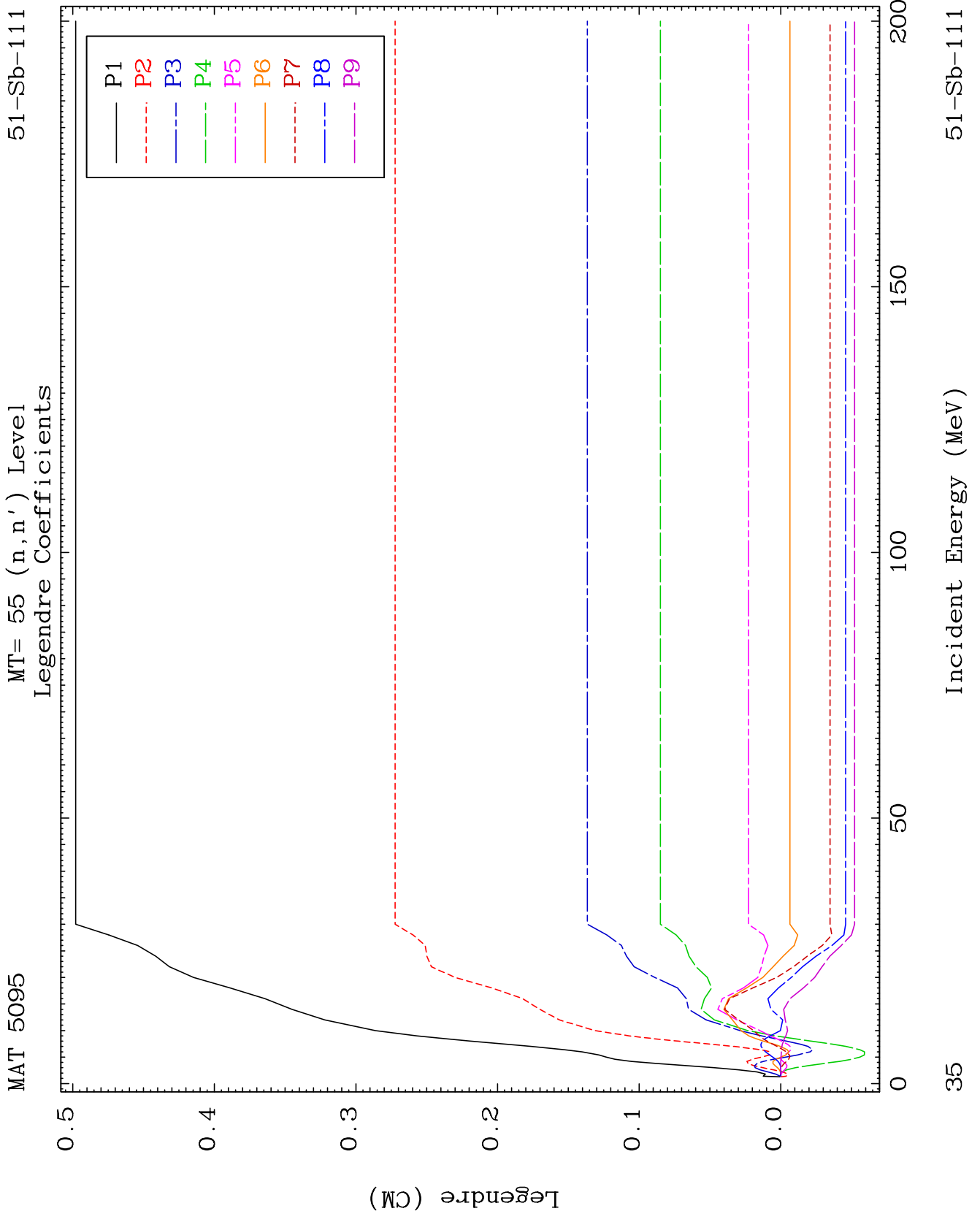
51-Sb-111



34

Incident Energy (MeV)

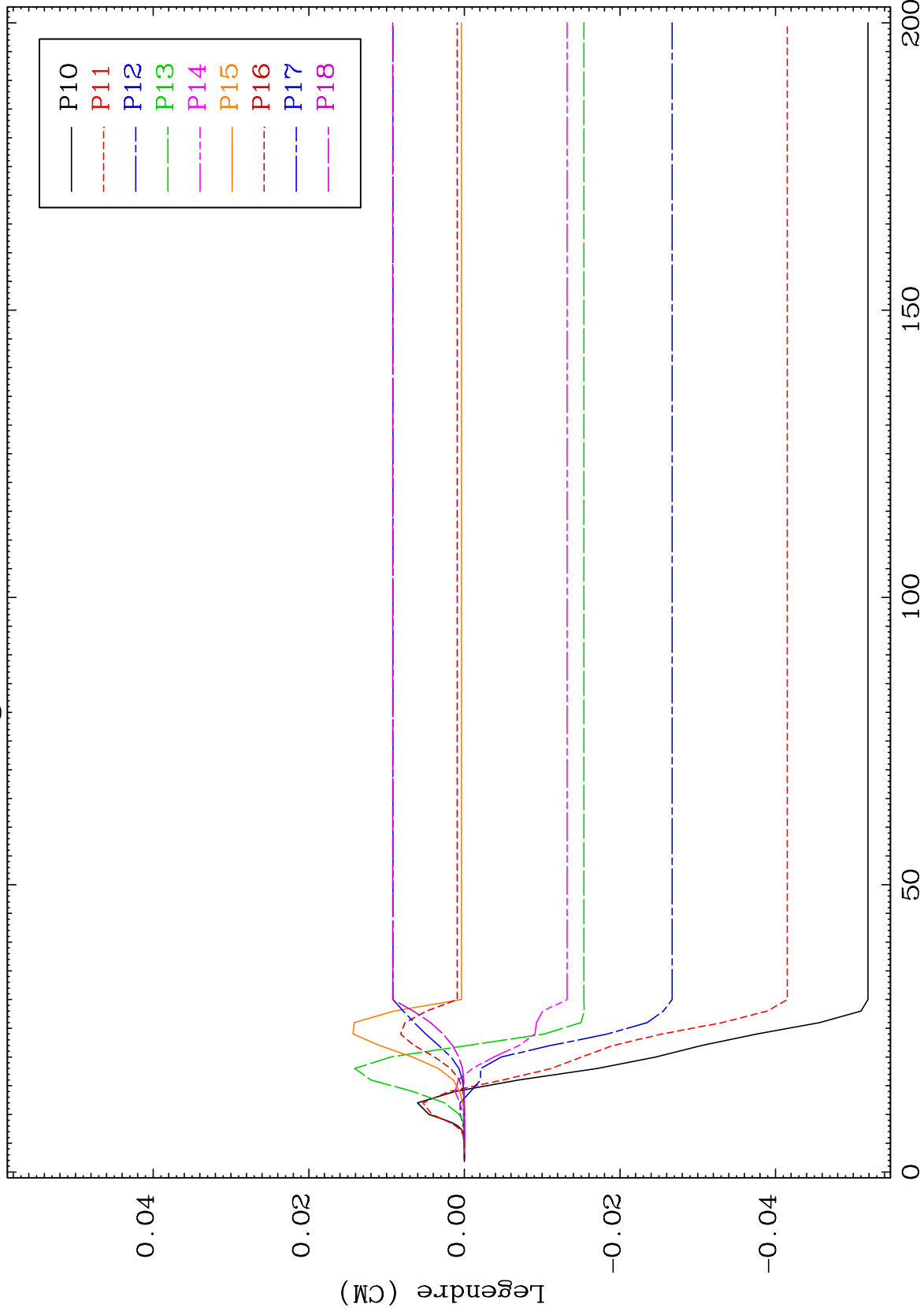
51-Sb-111



MAT 5095

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

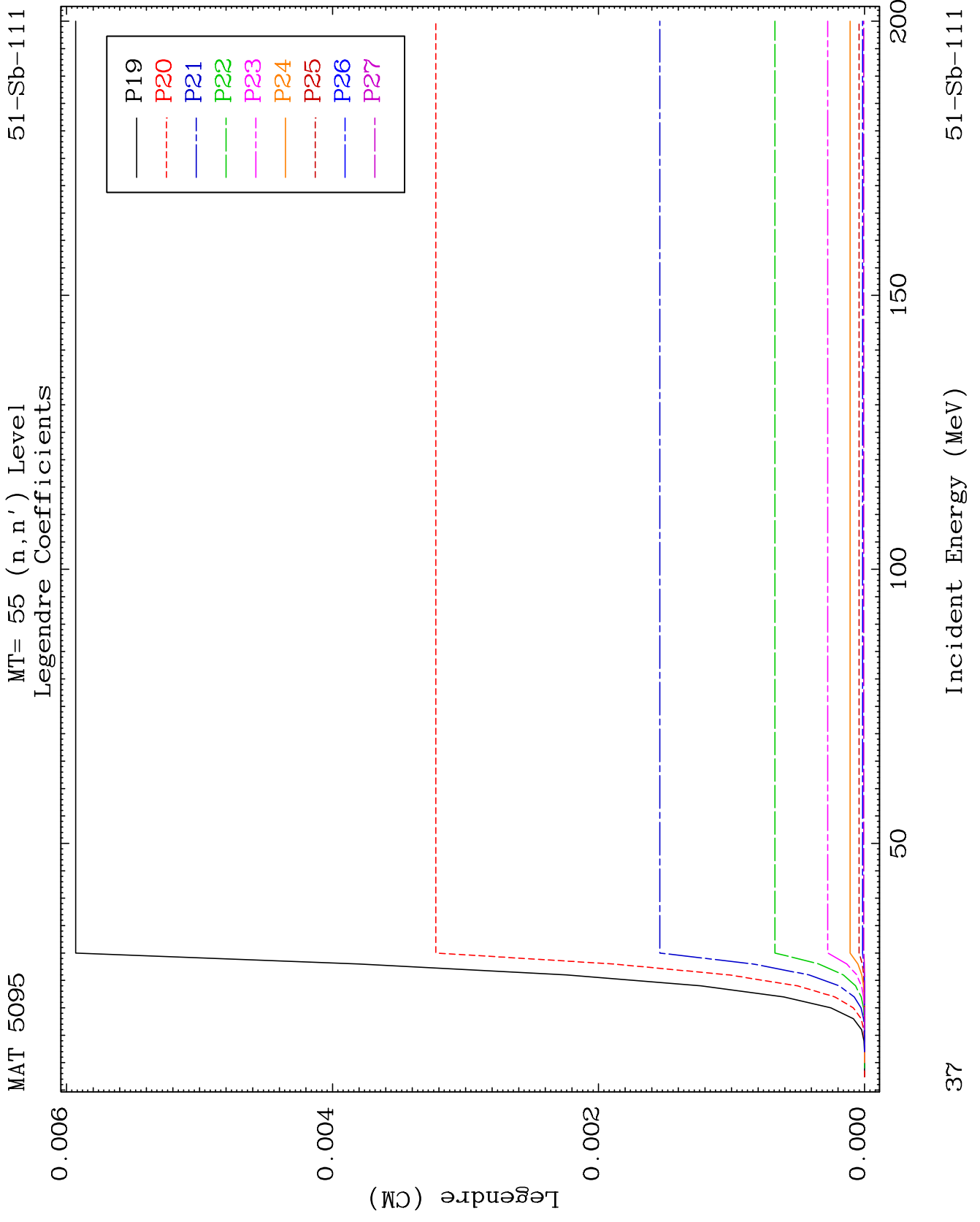
51-Sb-111



36

Incident Energy (MeV)

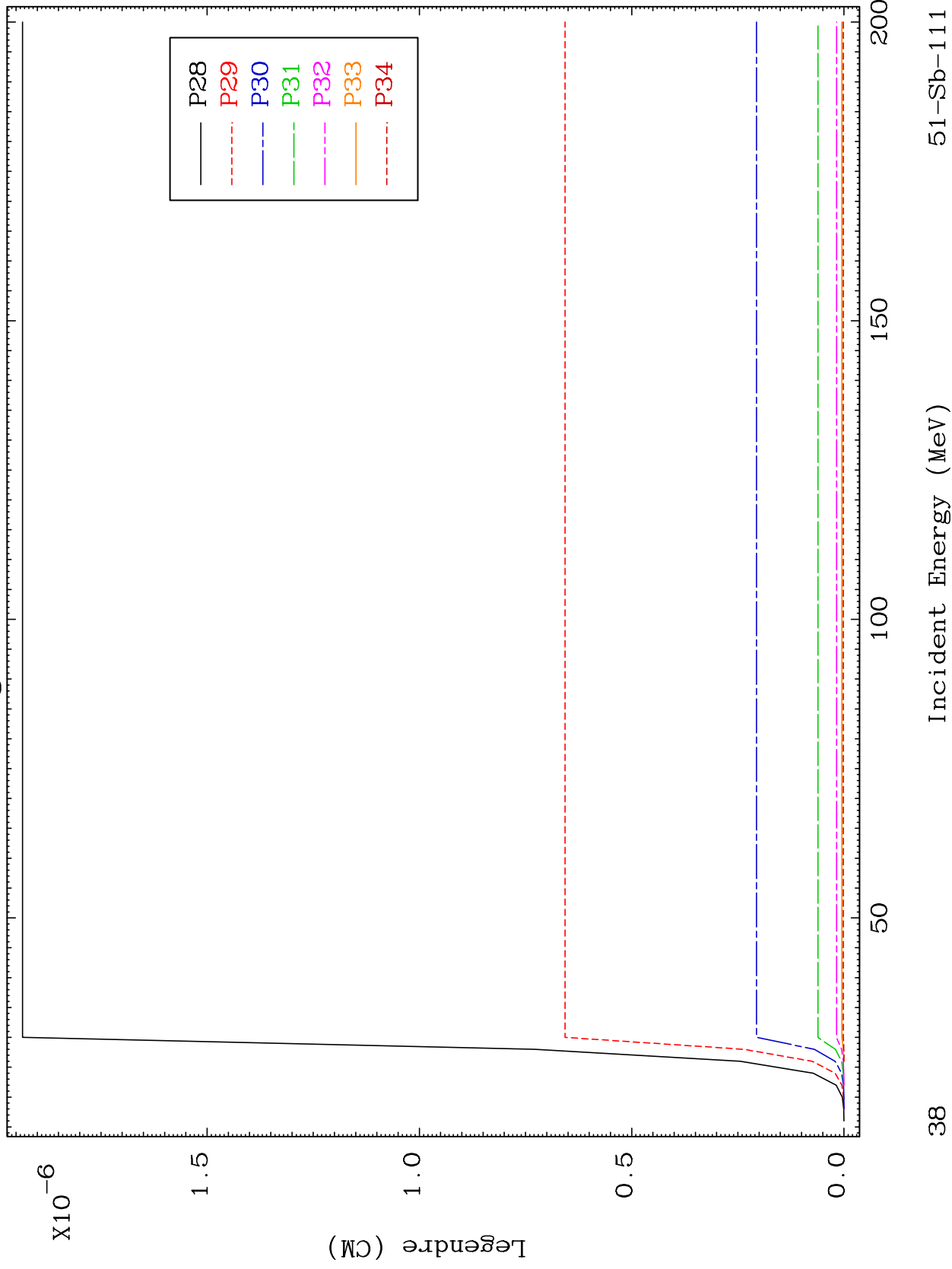
51-Sb-111

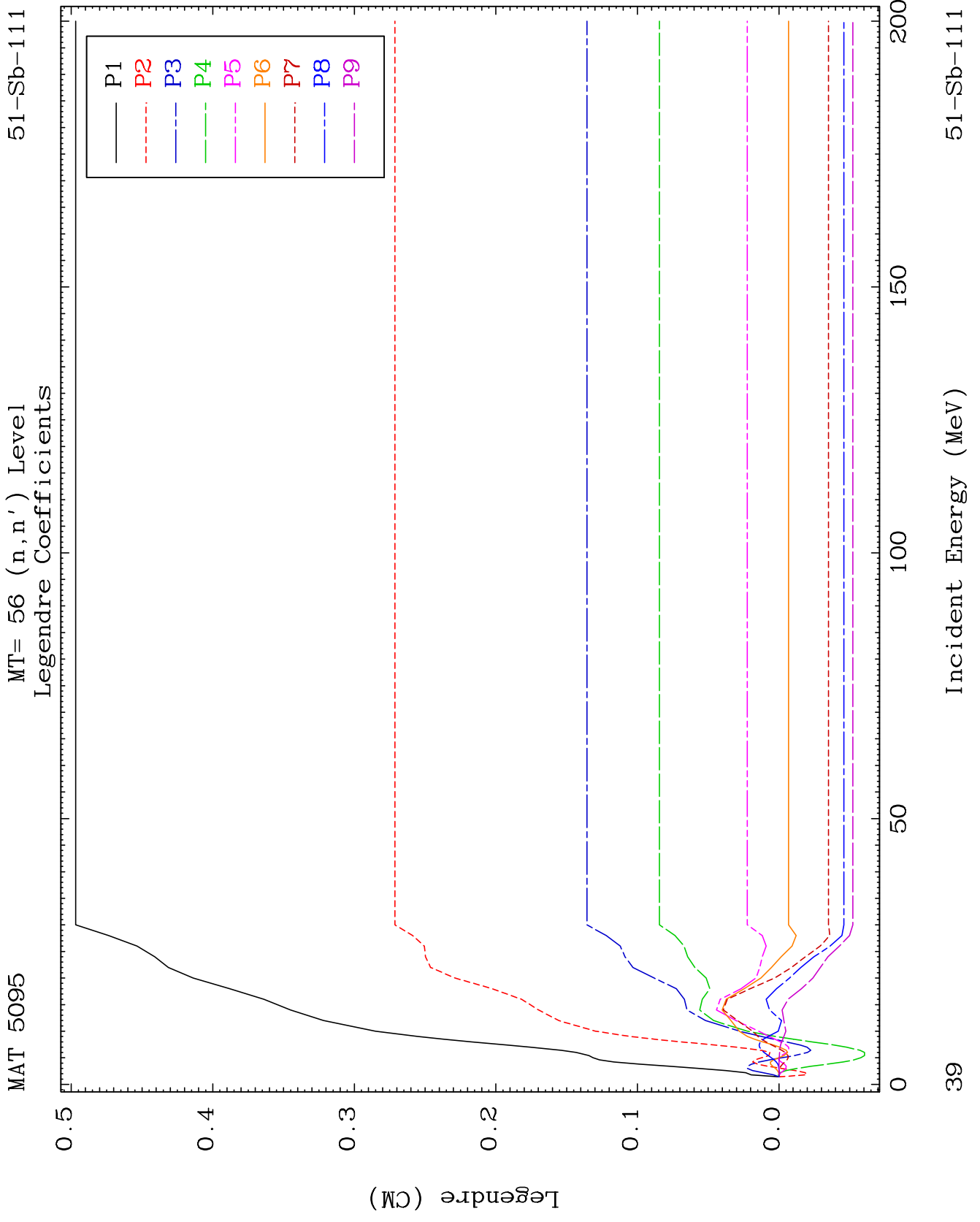


MAT 5095

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

51-Sb-111

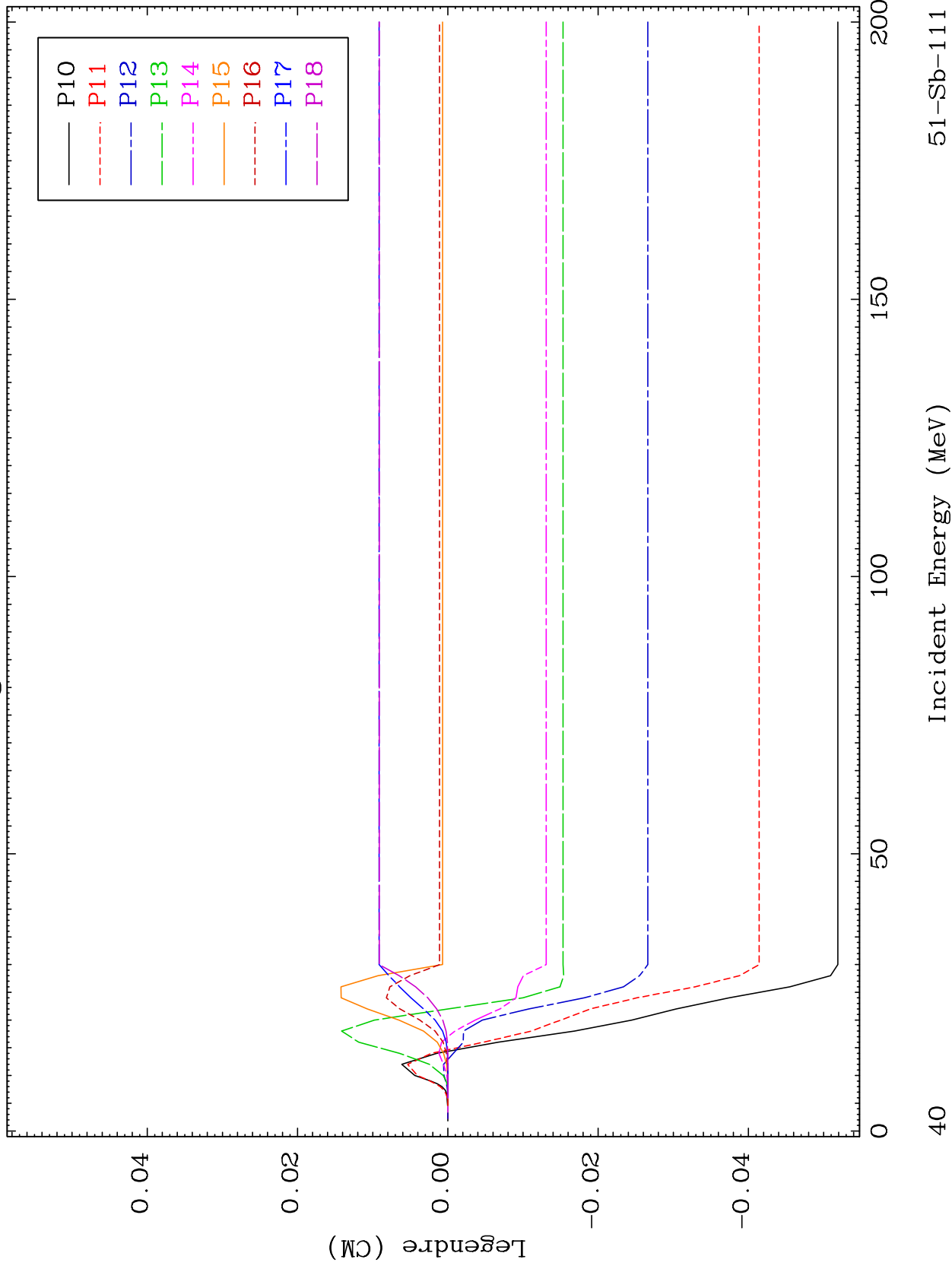




MAT 5095

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

51-Sb-111



51-Sb-111

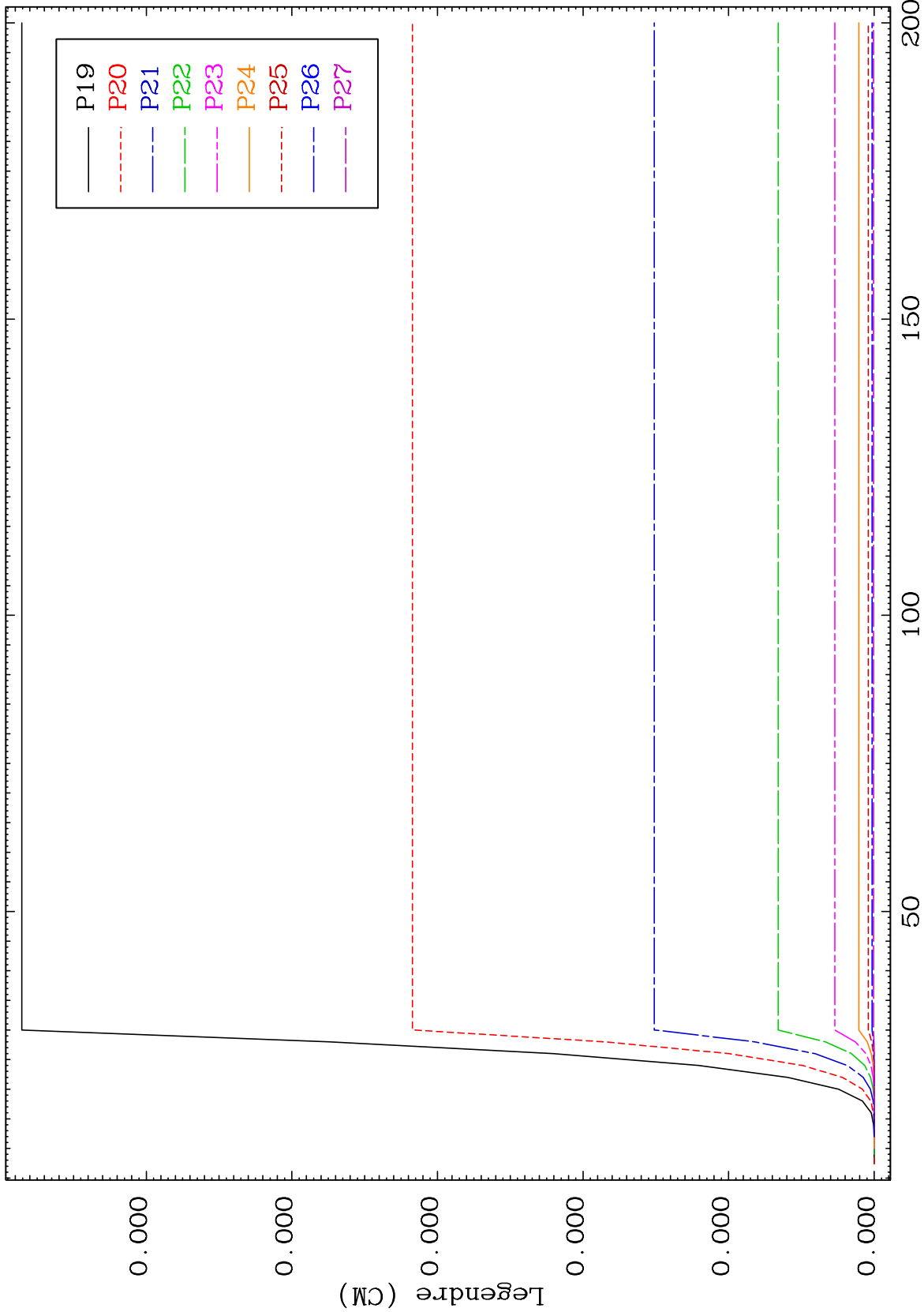
Incident Energy (MeV)

40

MAT 5095

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

51-Sb-111



41

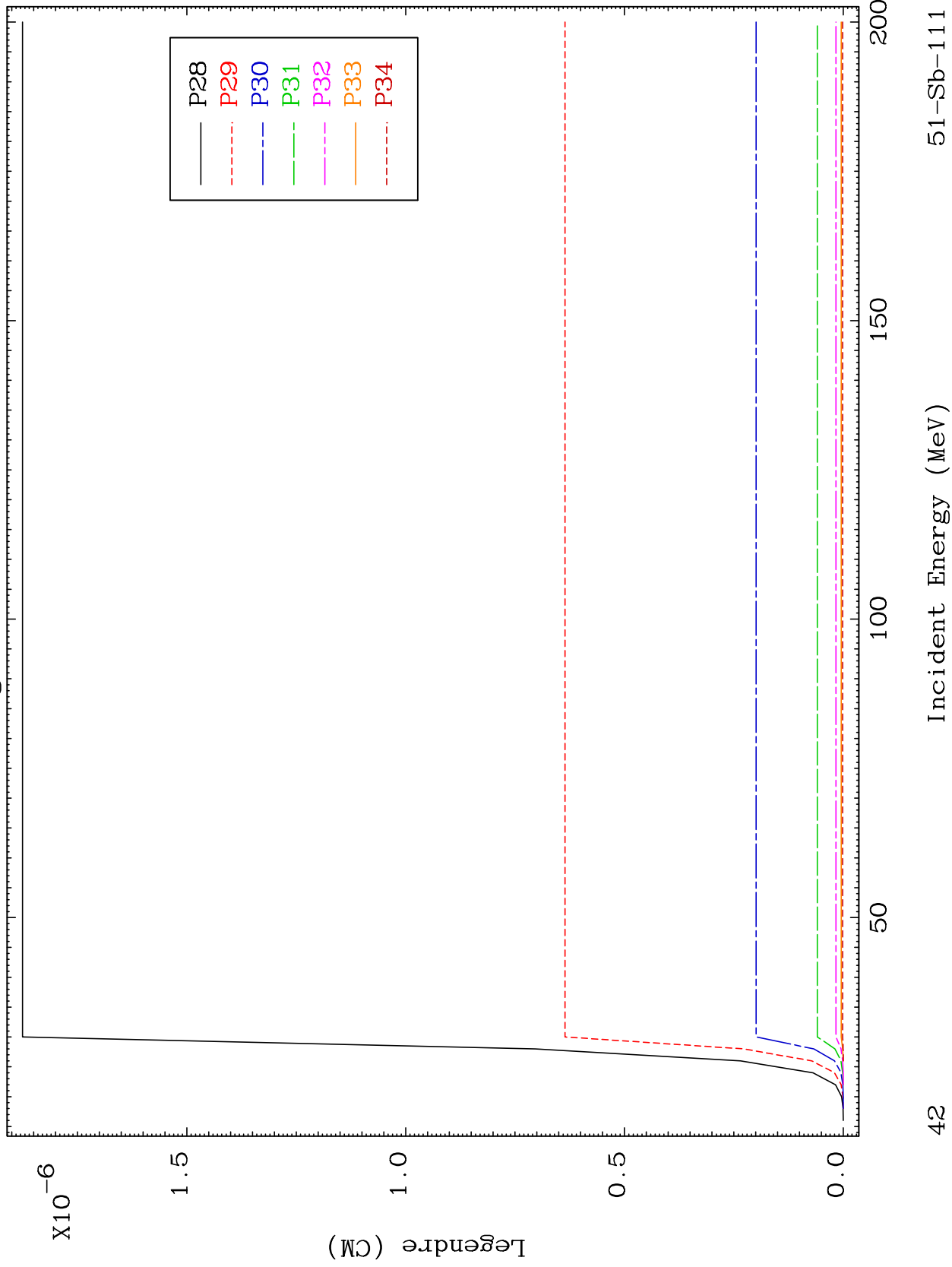
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



42

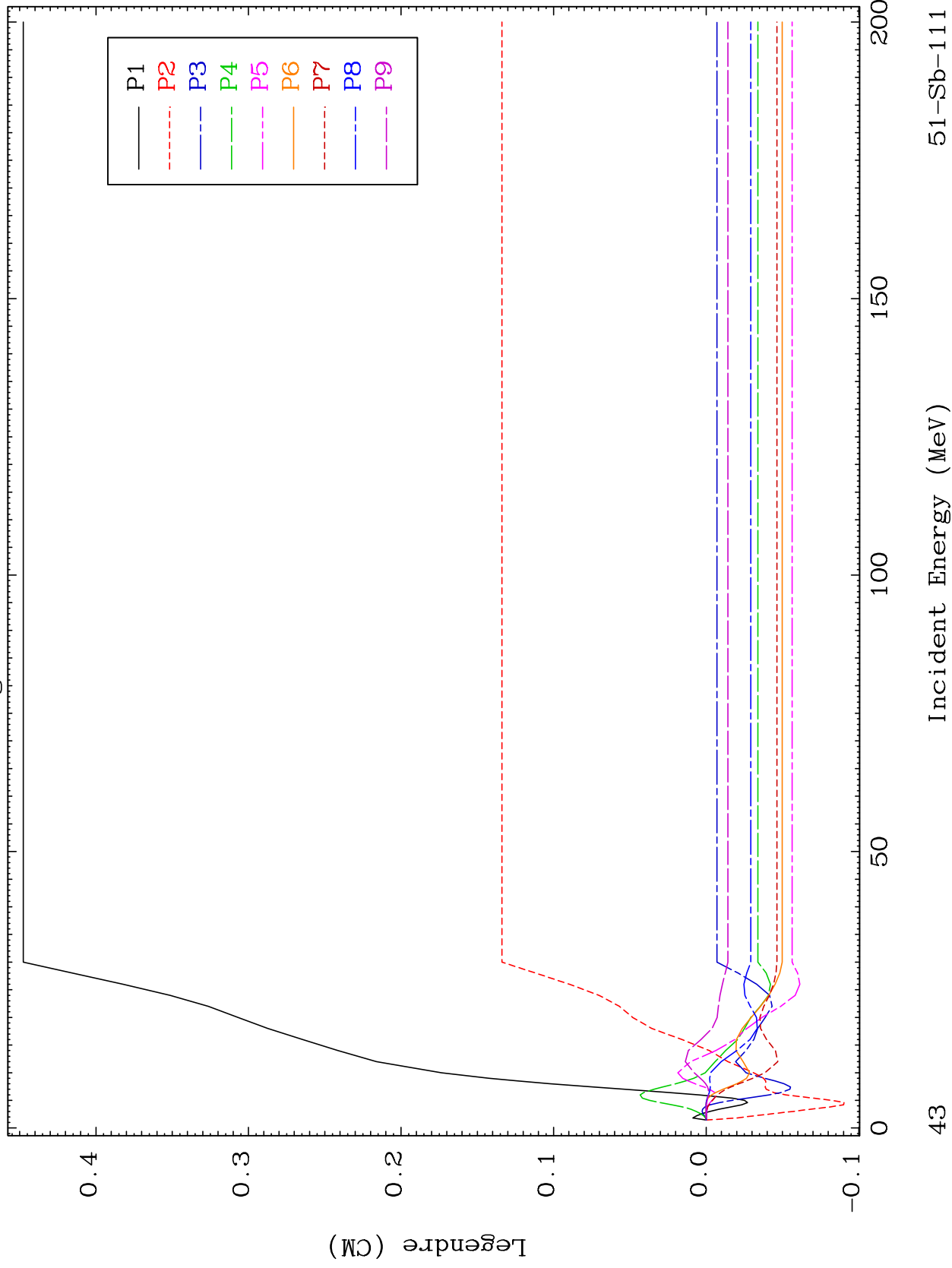
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

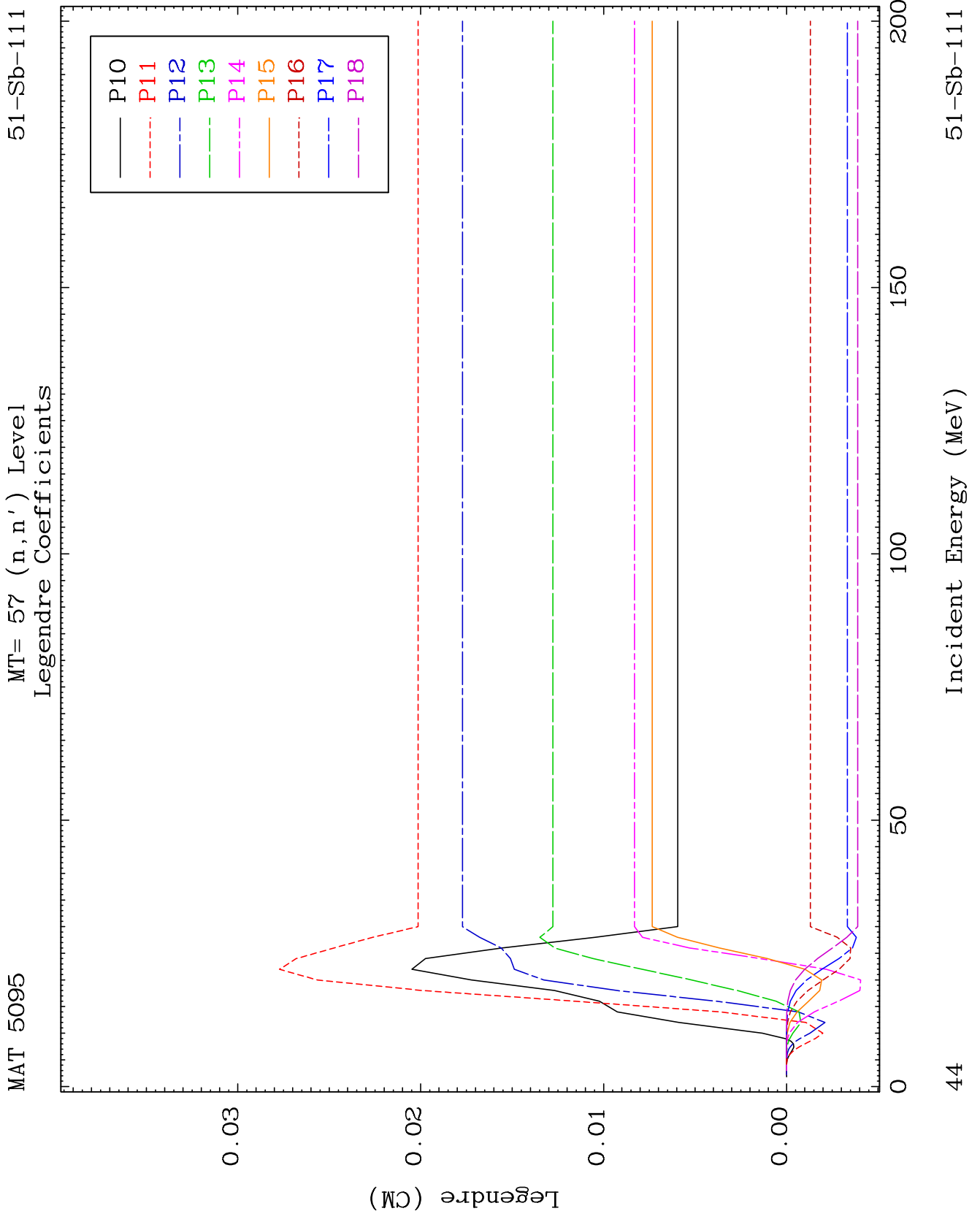
51-Sb-111

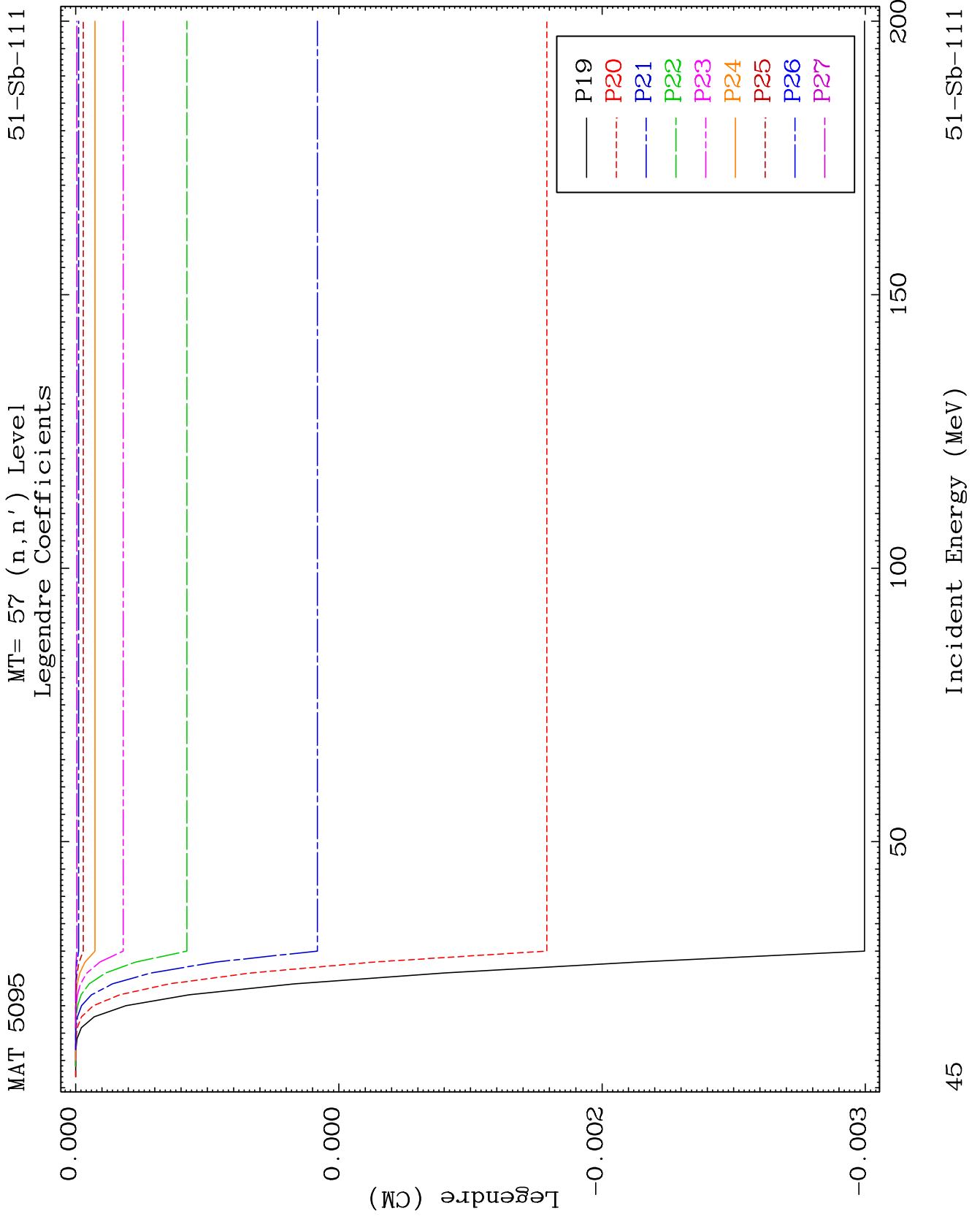


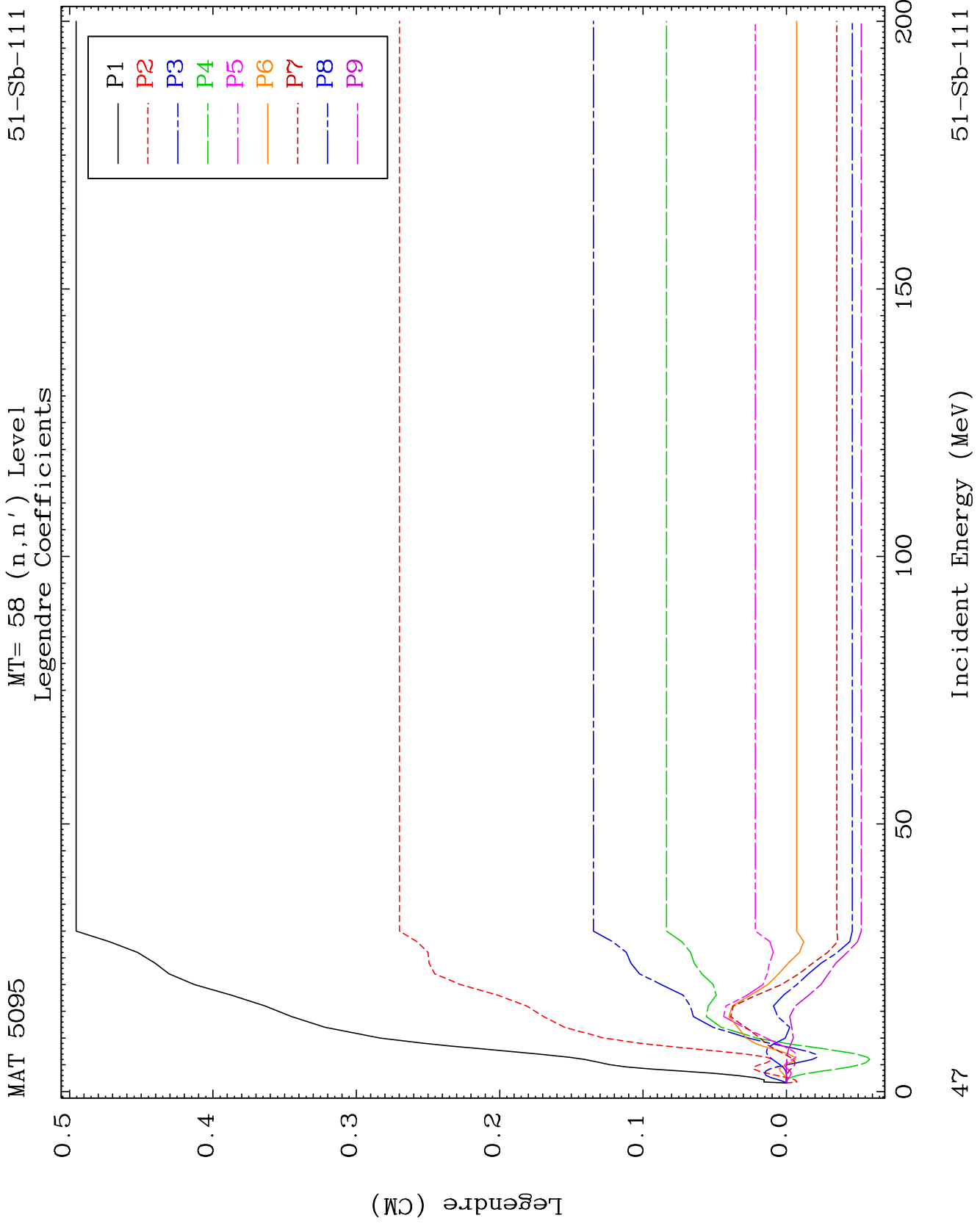
51-Sb-111

Incident Energy (MeV)

43



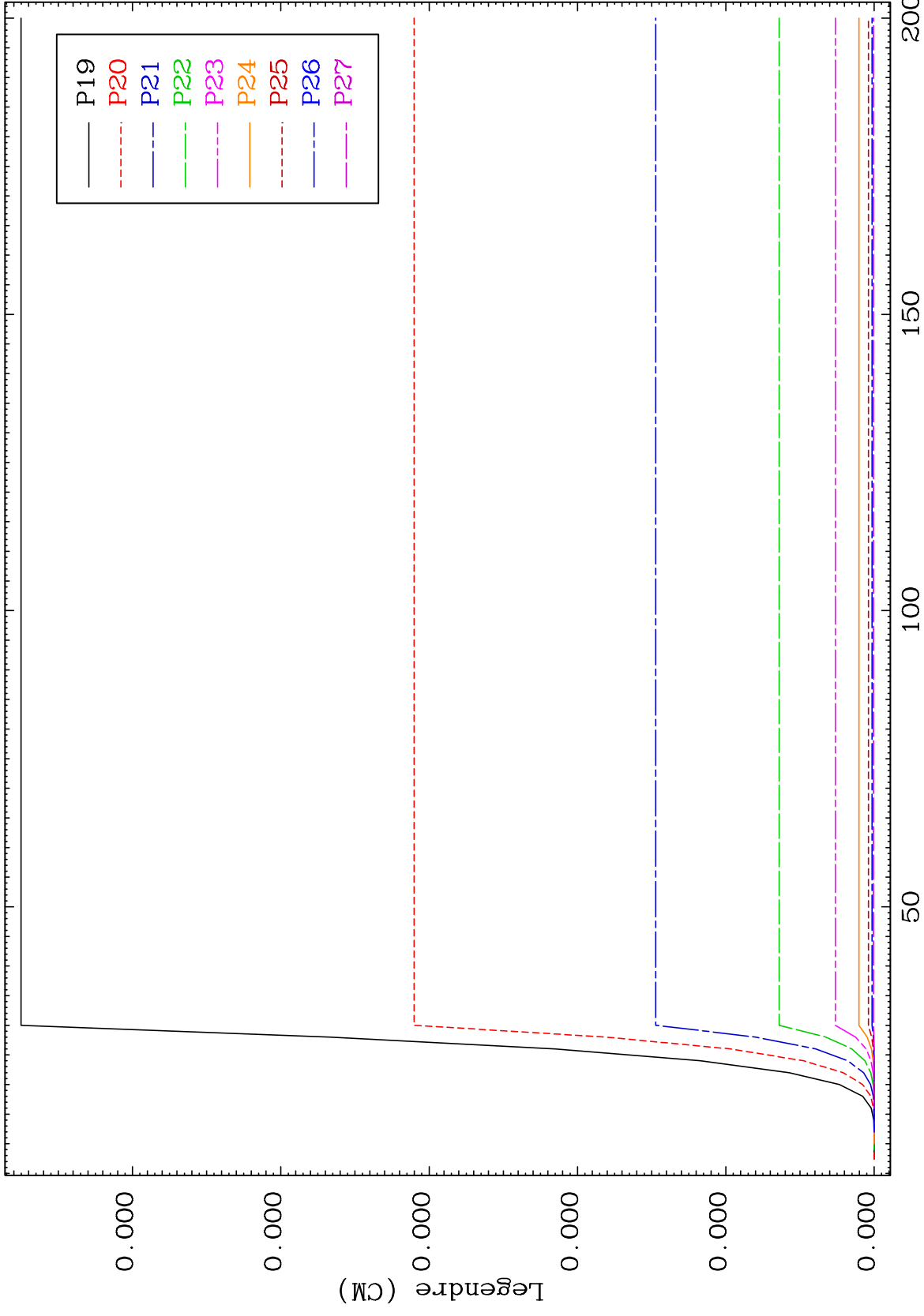




MAT 5095

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

51-Sb-111



49

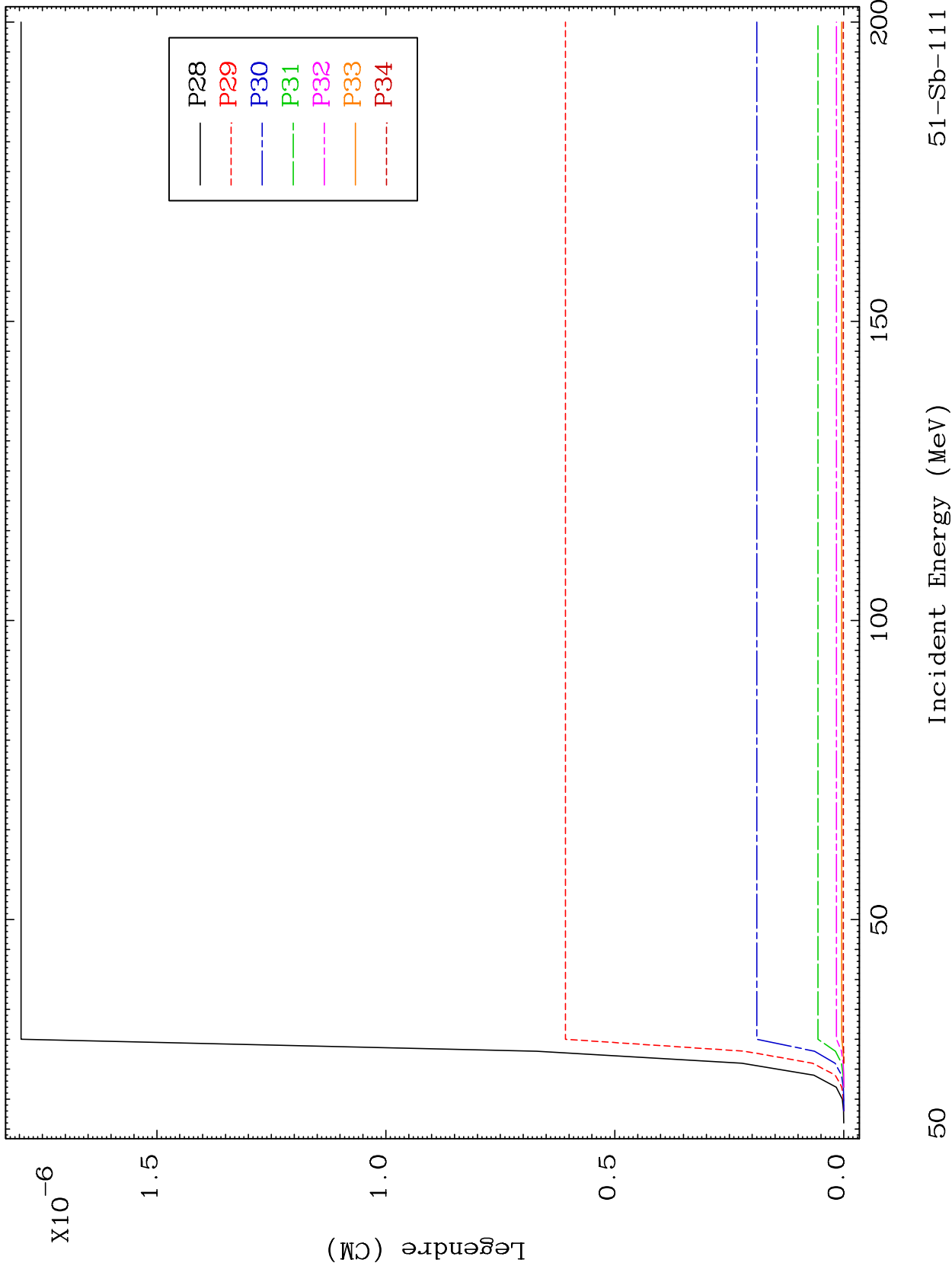
Incident Energy (MeV)

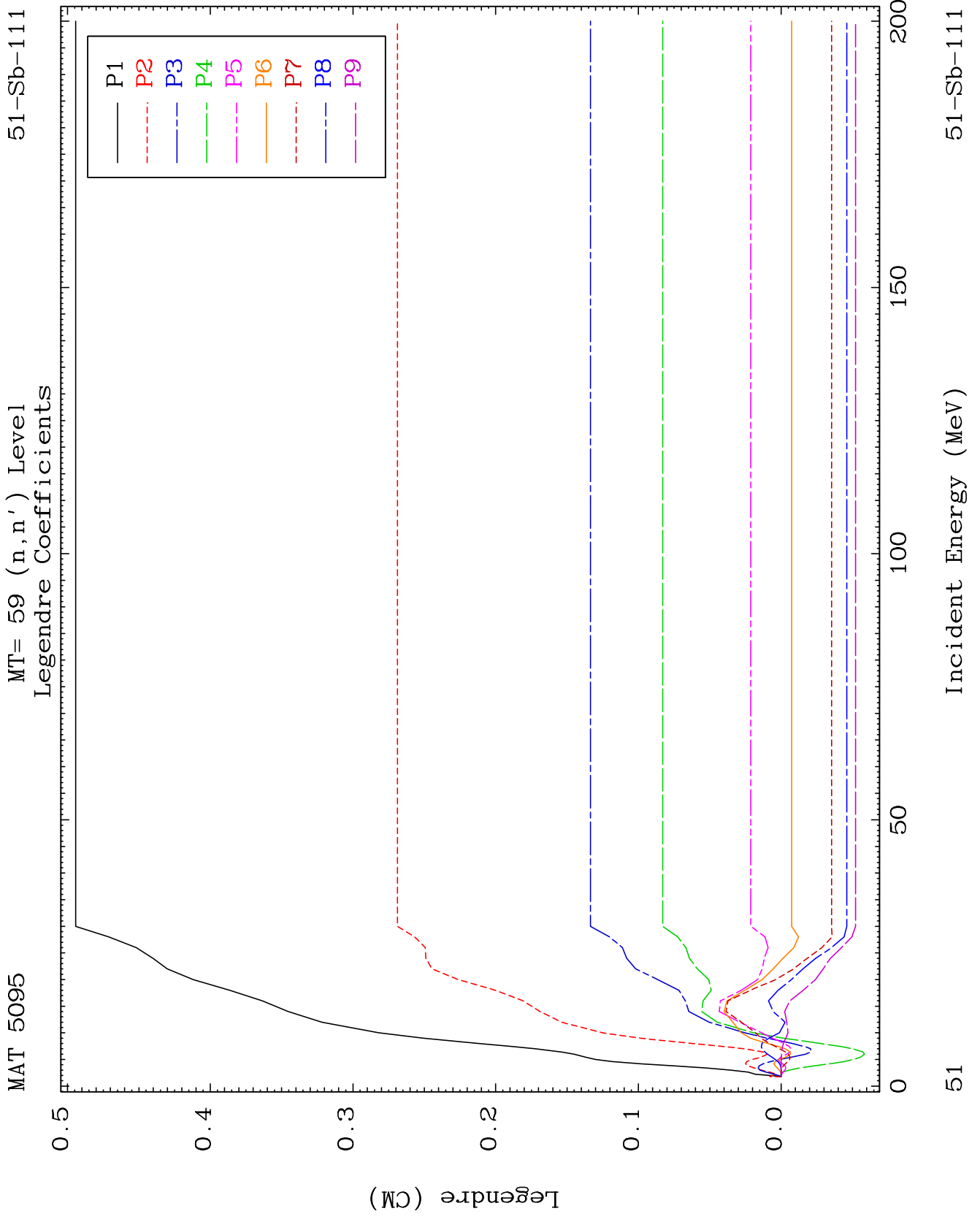
51-Sb-111

MAT 5095

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

51-Sb-111

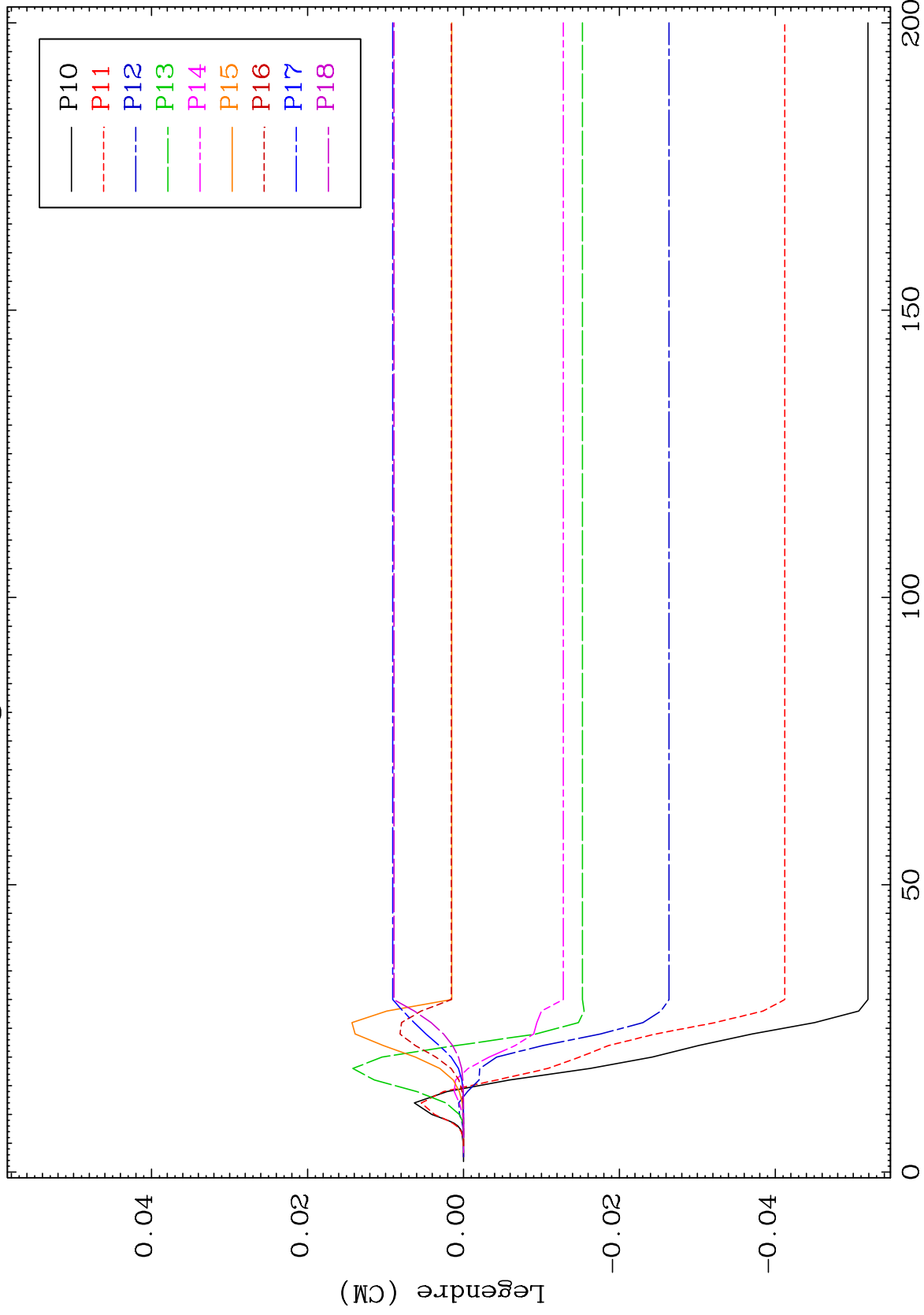




MAT 5095

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

51-Sb-111



52

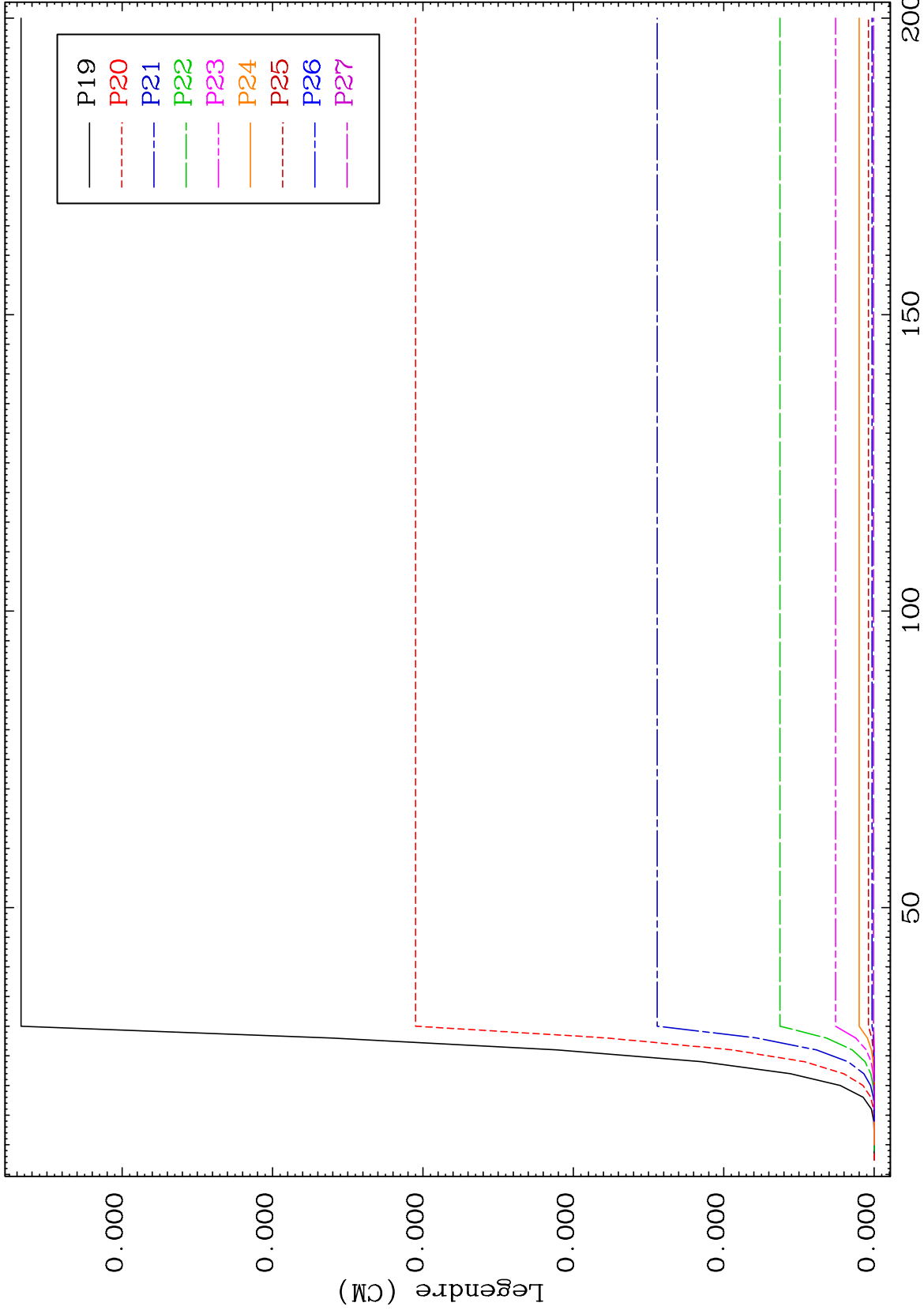
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



53

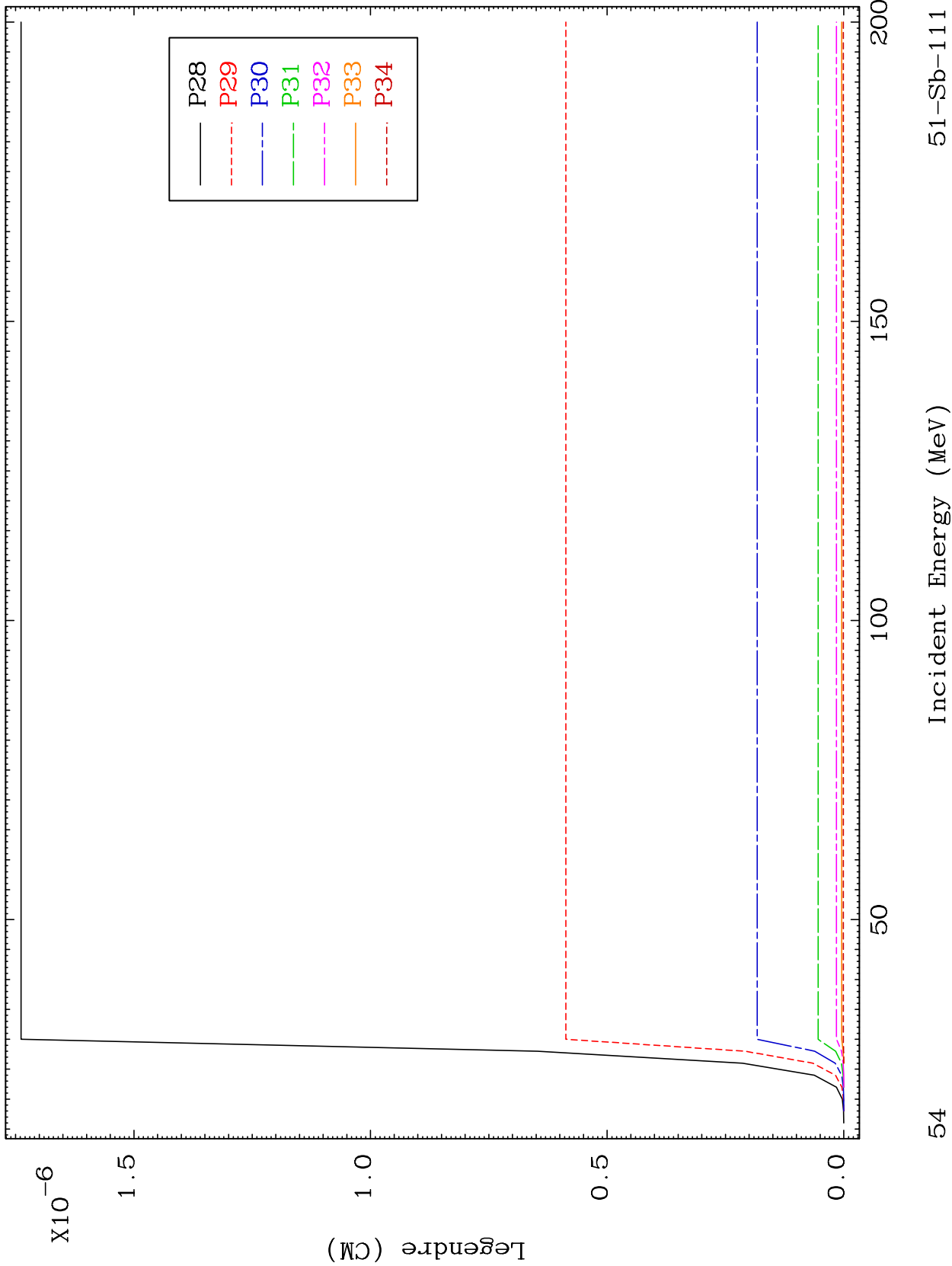
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

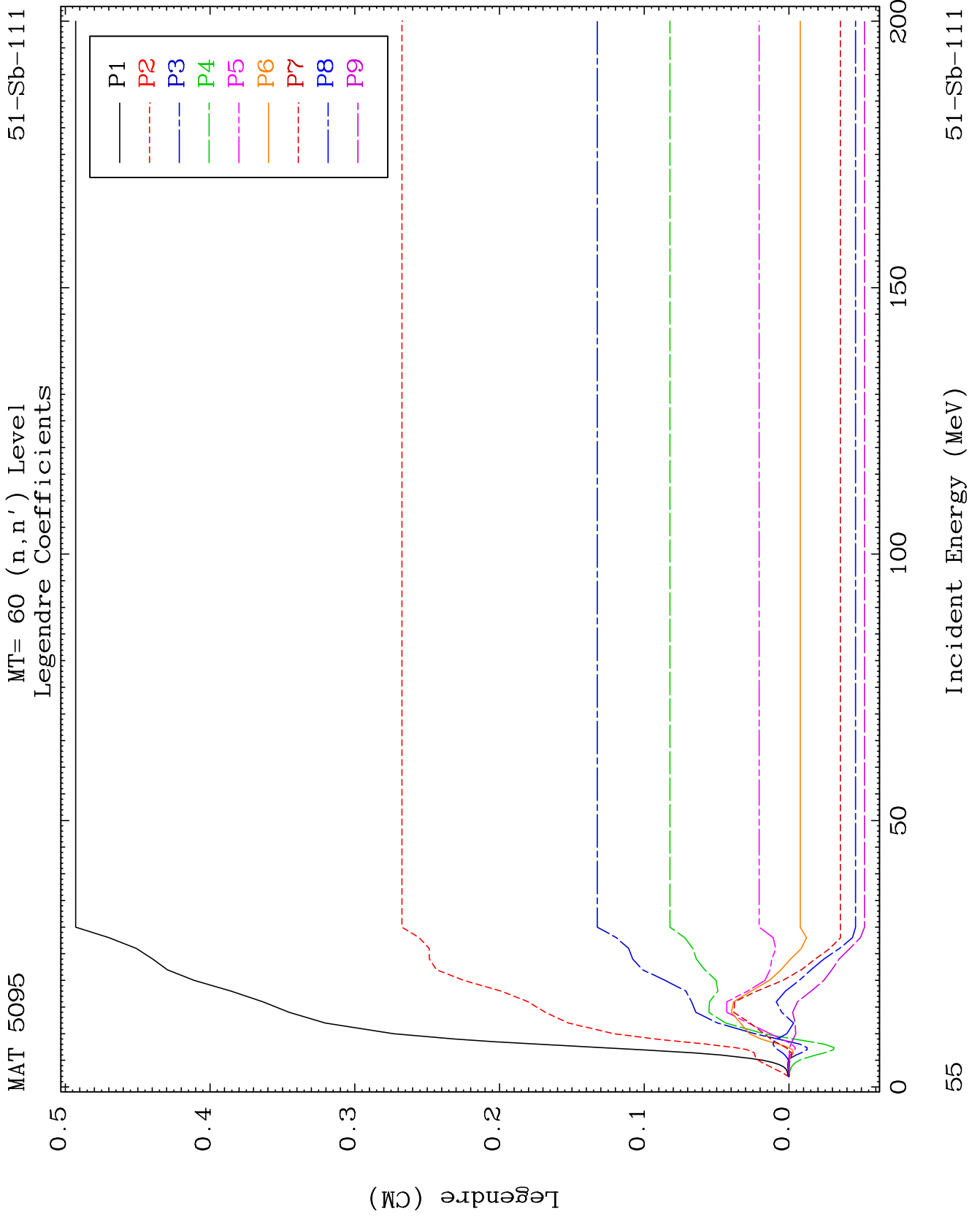
51-Sb-111



54

Incident Energy (MeV)

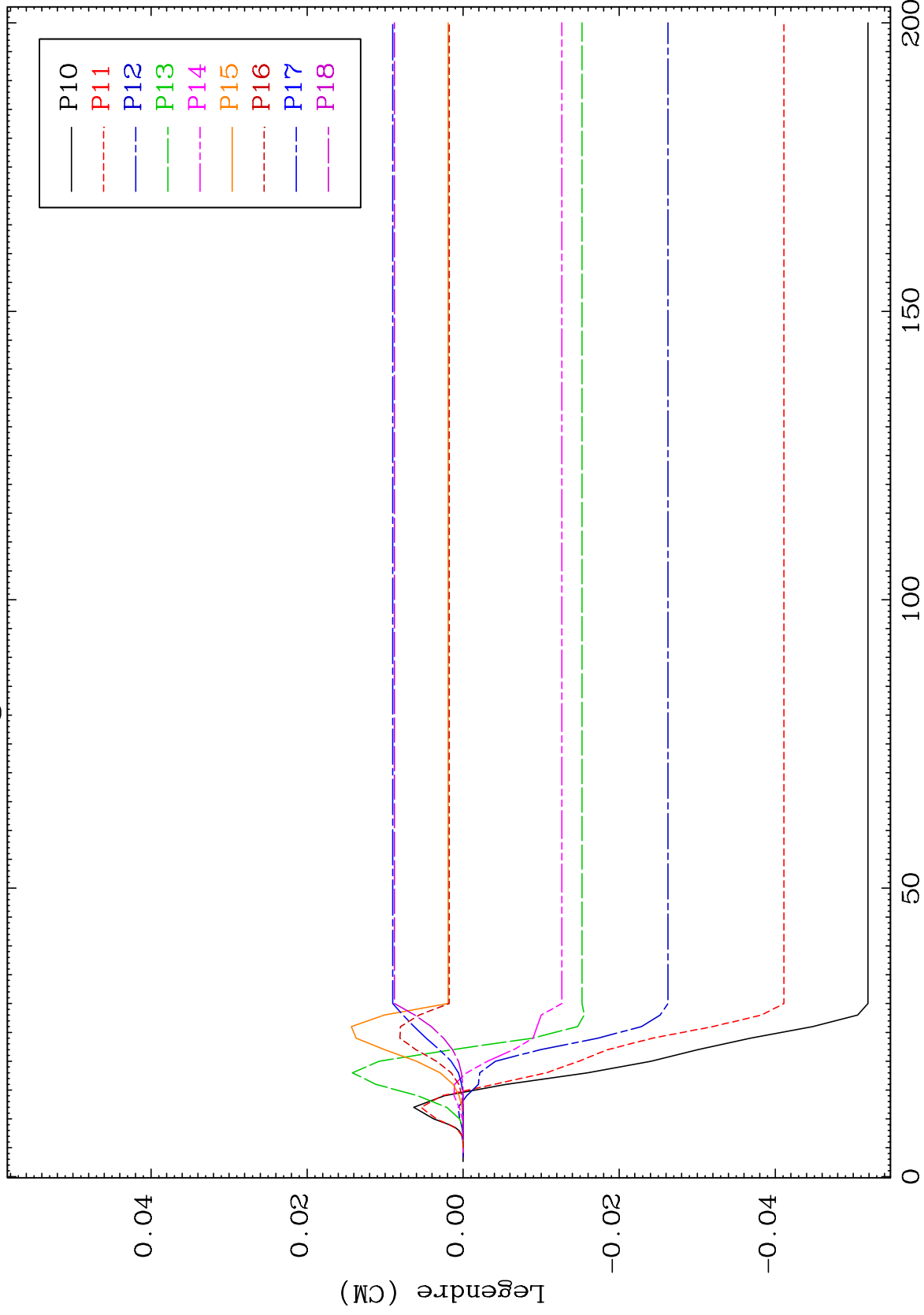
51-Sb-111



MAT 5095

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

51-Sb-111



56

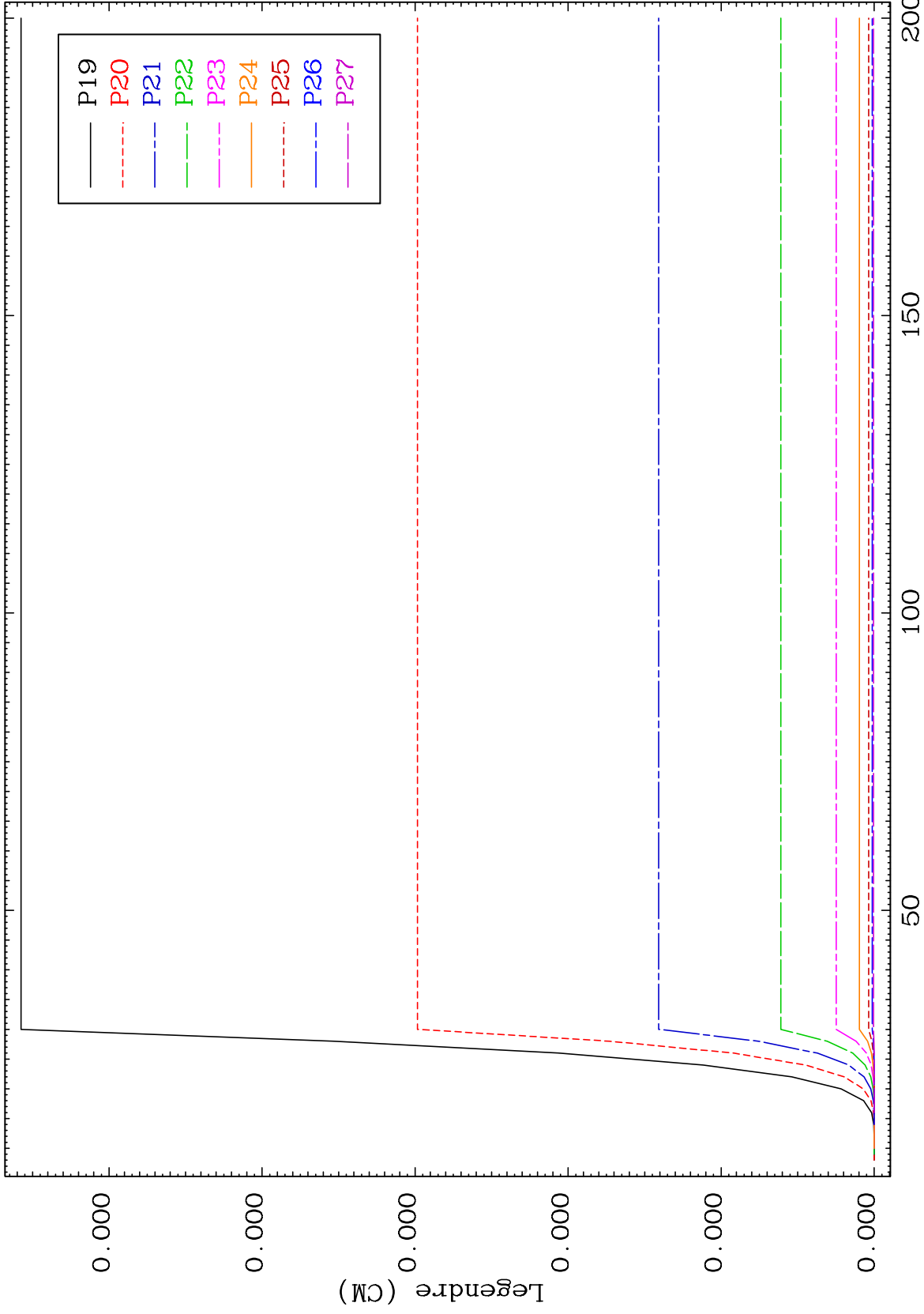
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



57

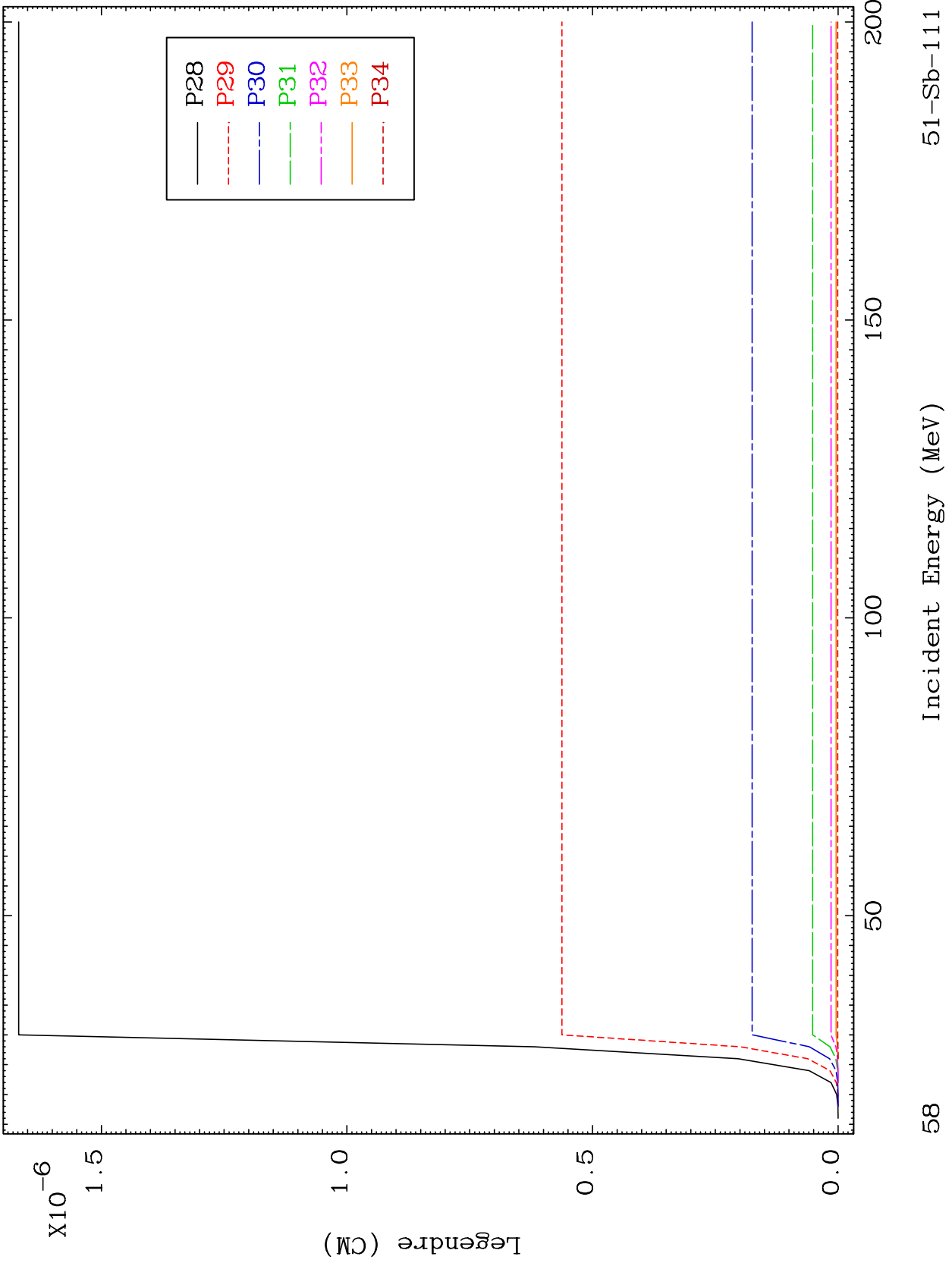
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



58

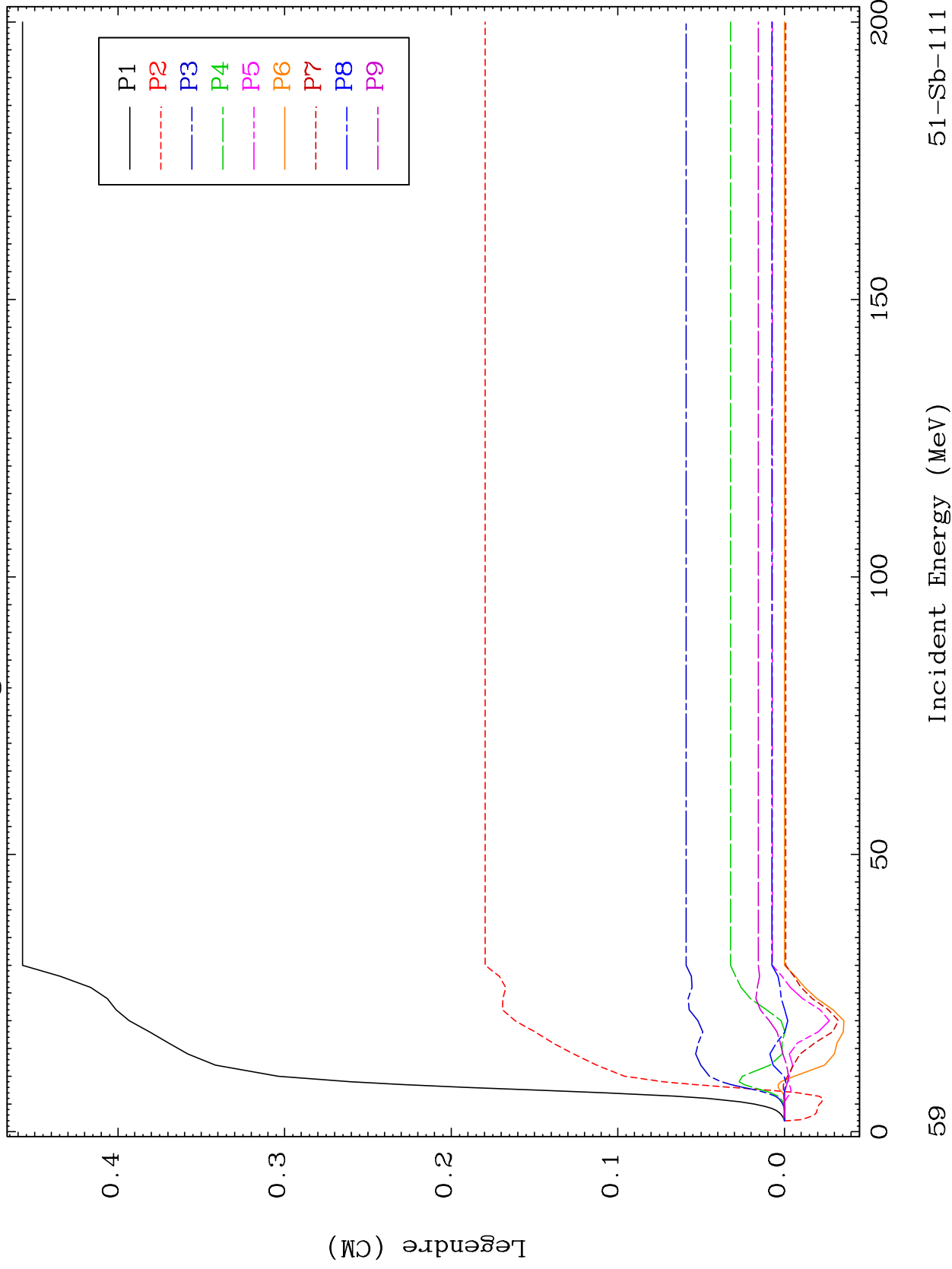
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



51-Sb-111

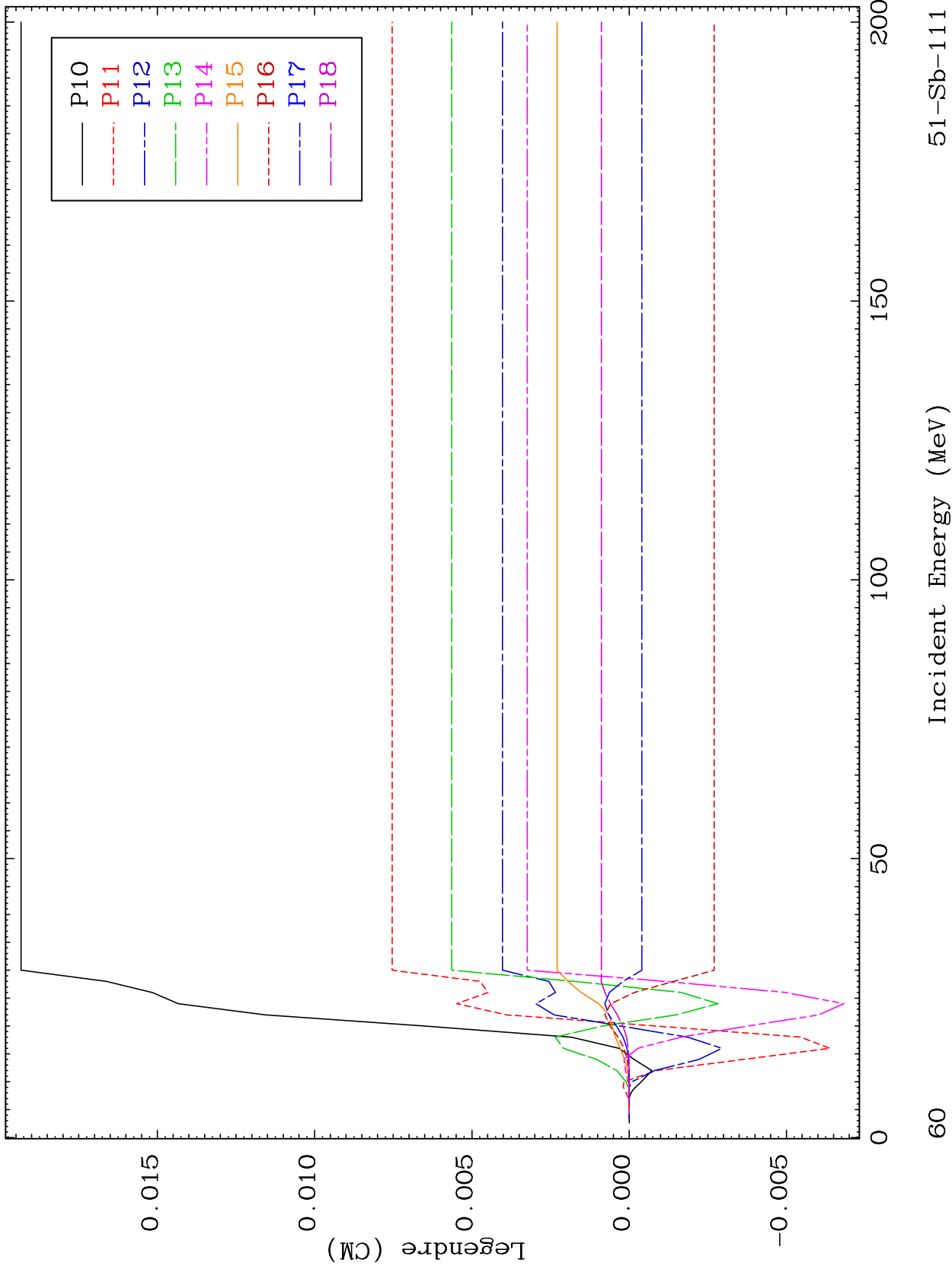
Incident Energy (MeV)

59

MAT 5095

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

51-Sb-111



51-Sb-111

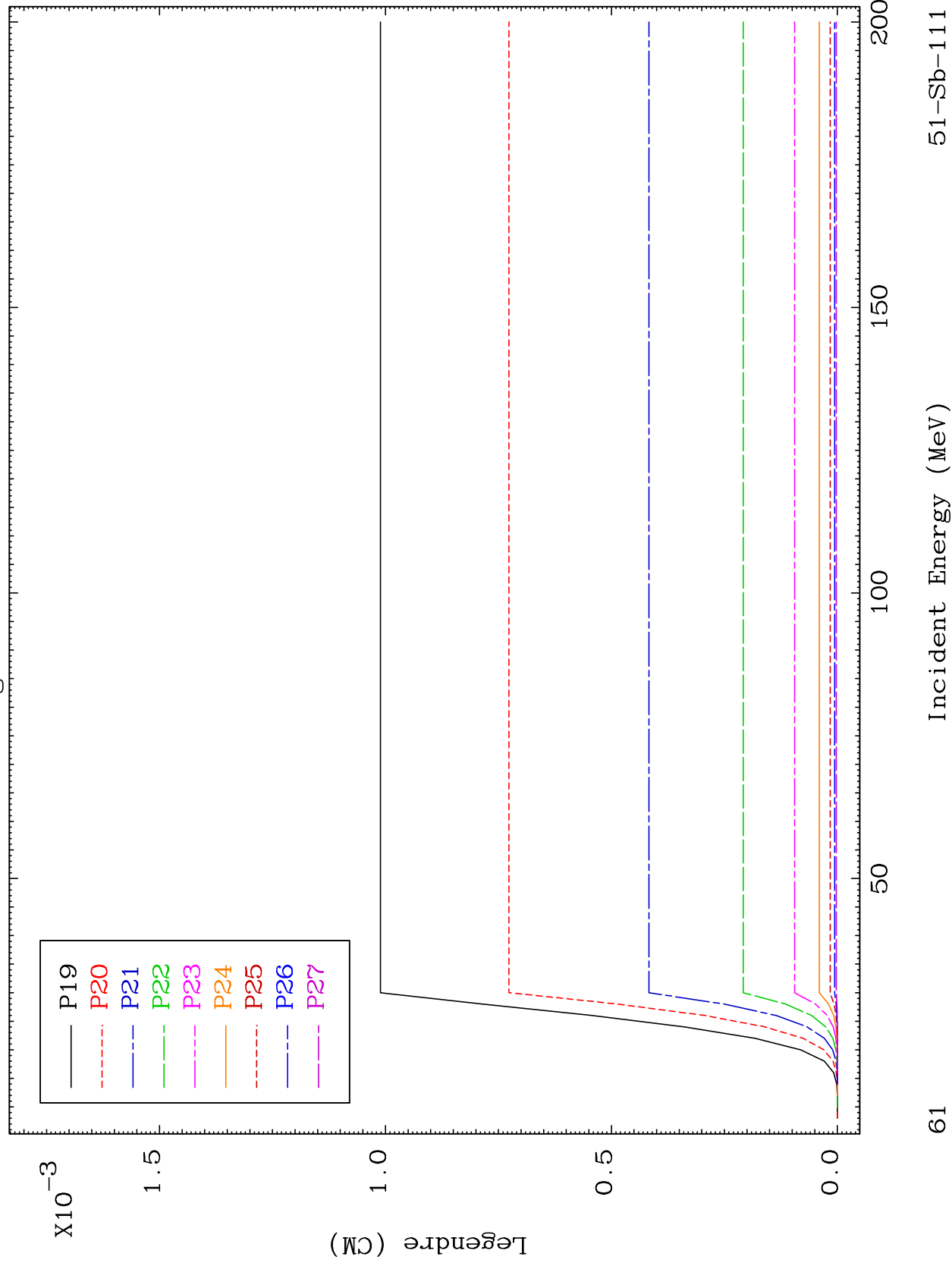
Incident Energy (MeV)

60

MAT 5095

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

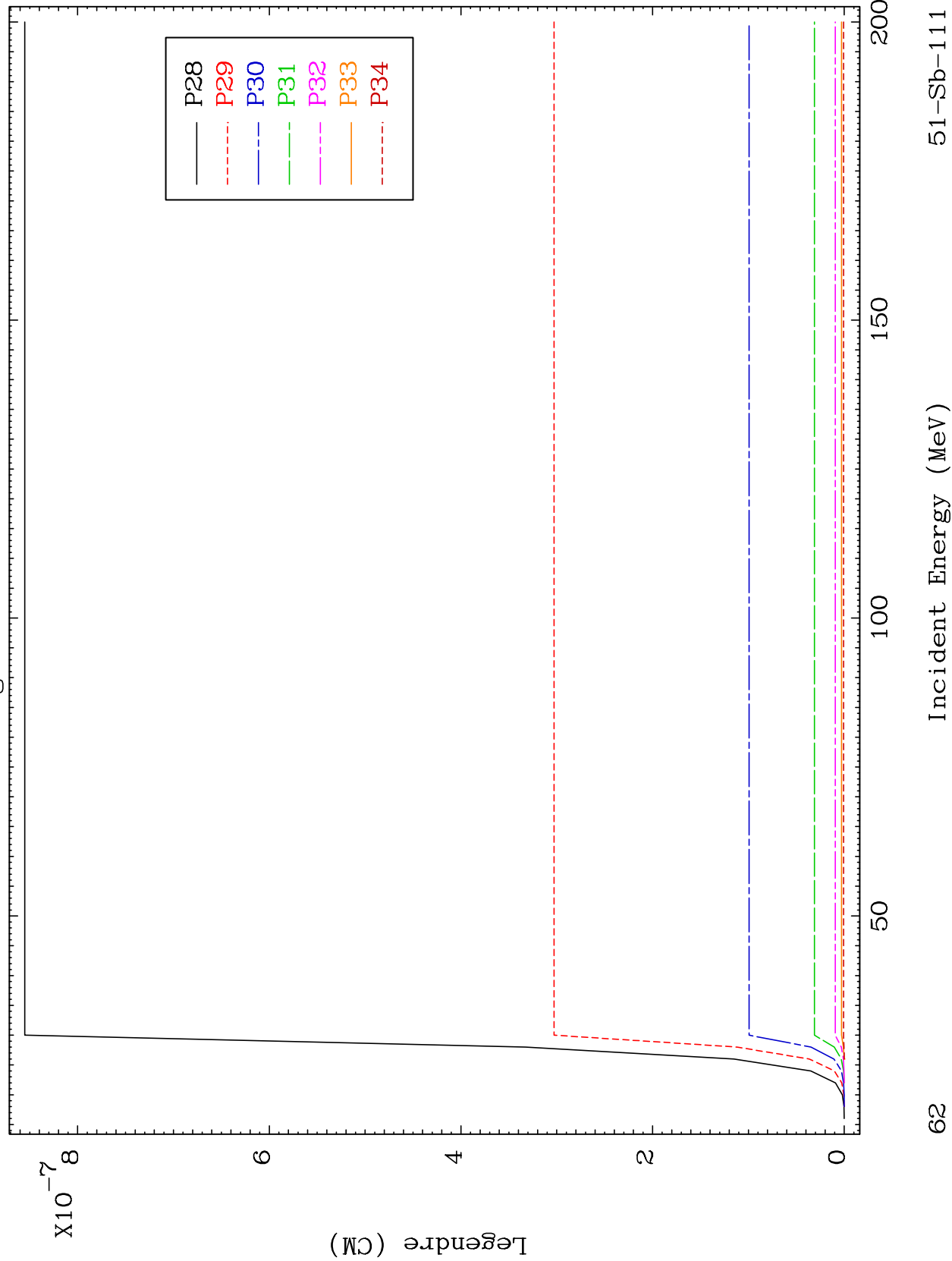
51-Sb-111



MAT 5095

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

51-Sb-111



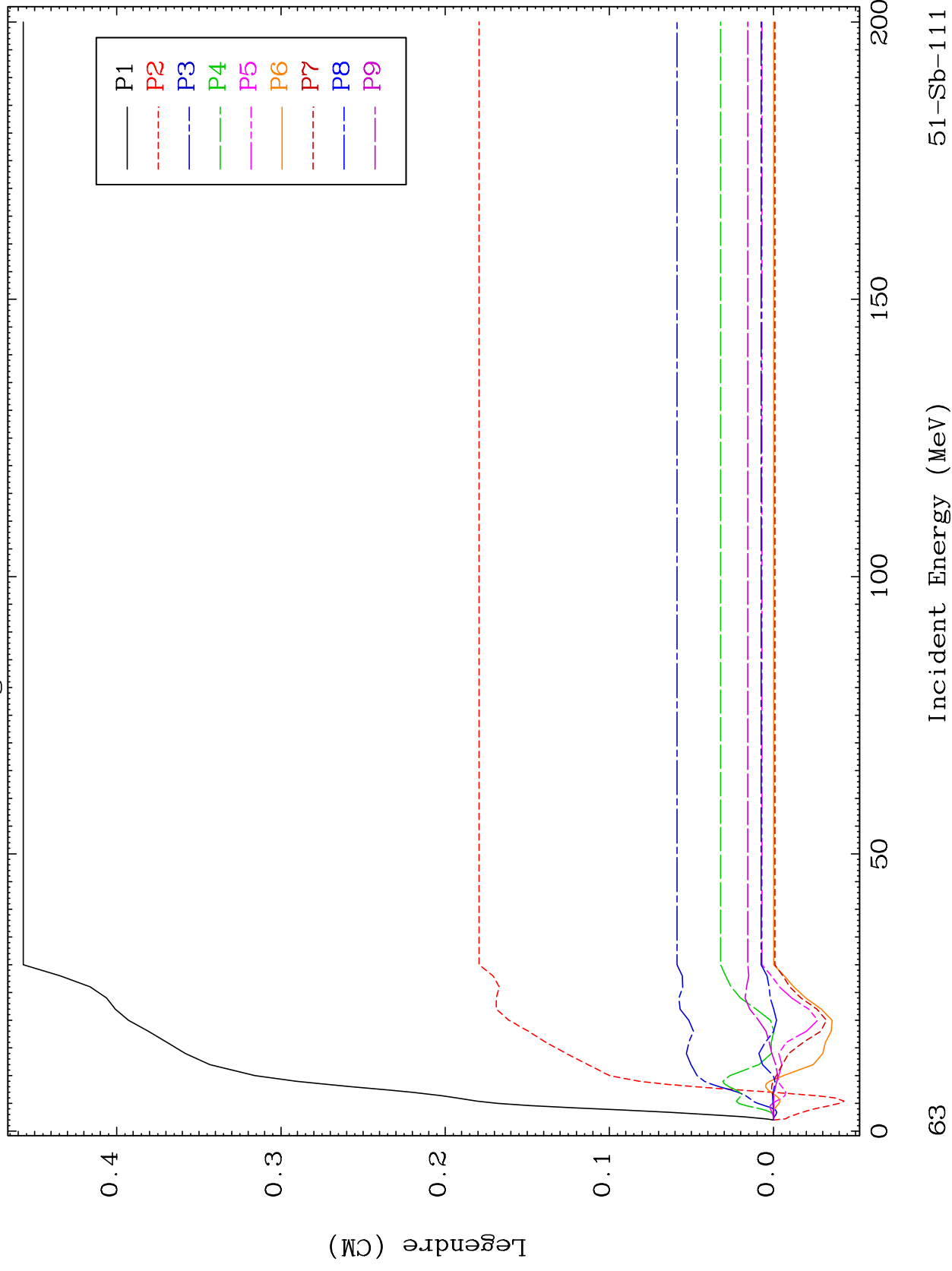
62

51-Sb-111

MAT 5095

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

51-Sb-111



51-Sb-111

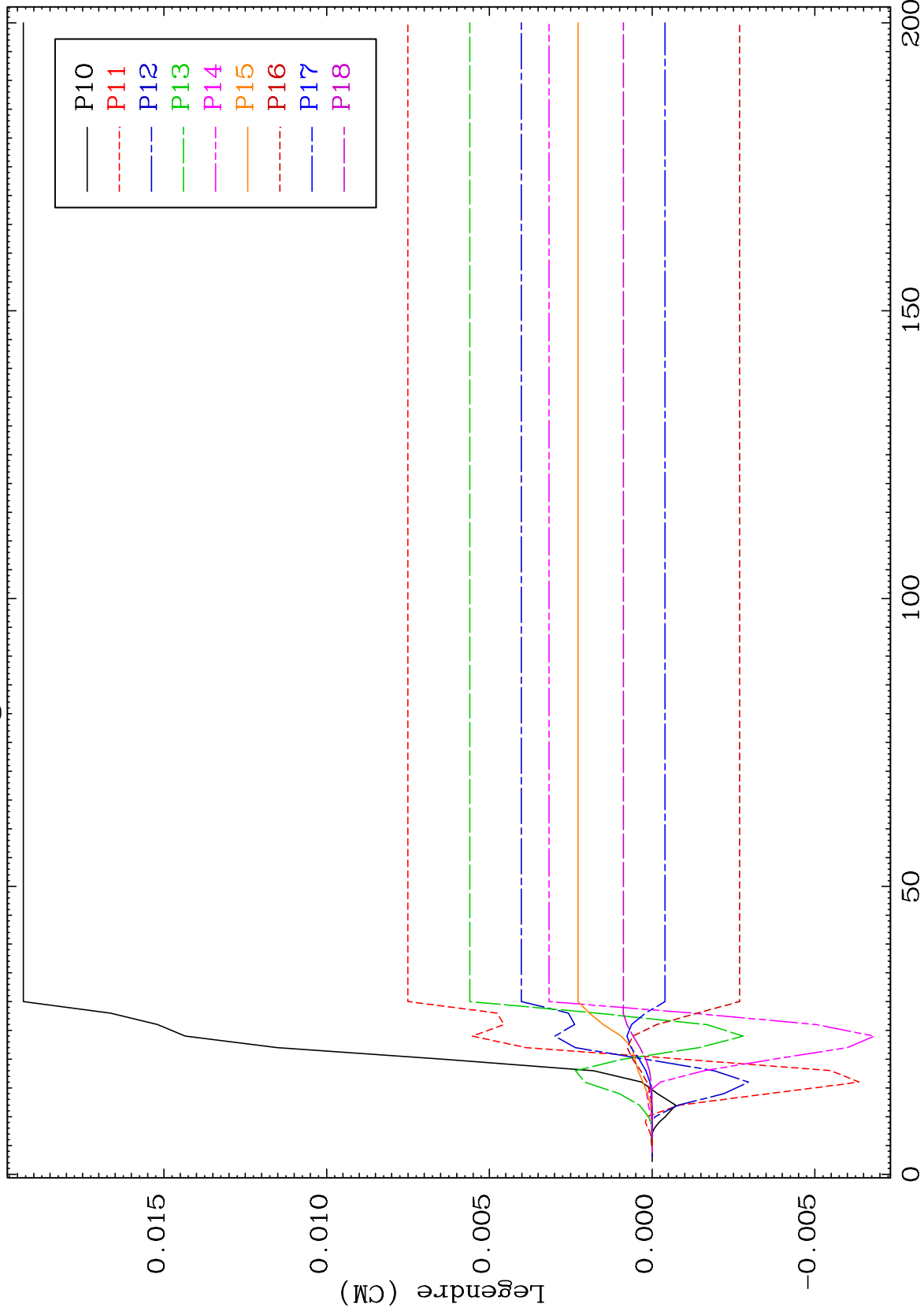
Incident Energy (MeV)

63

MAT 5095

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

51-Sb-111



64

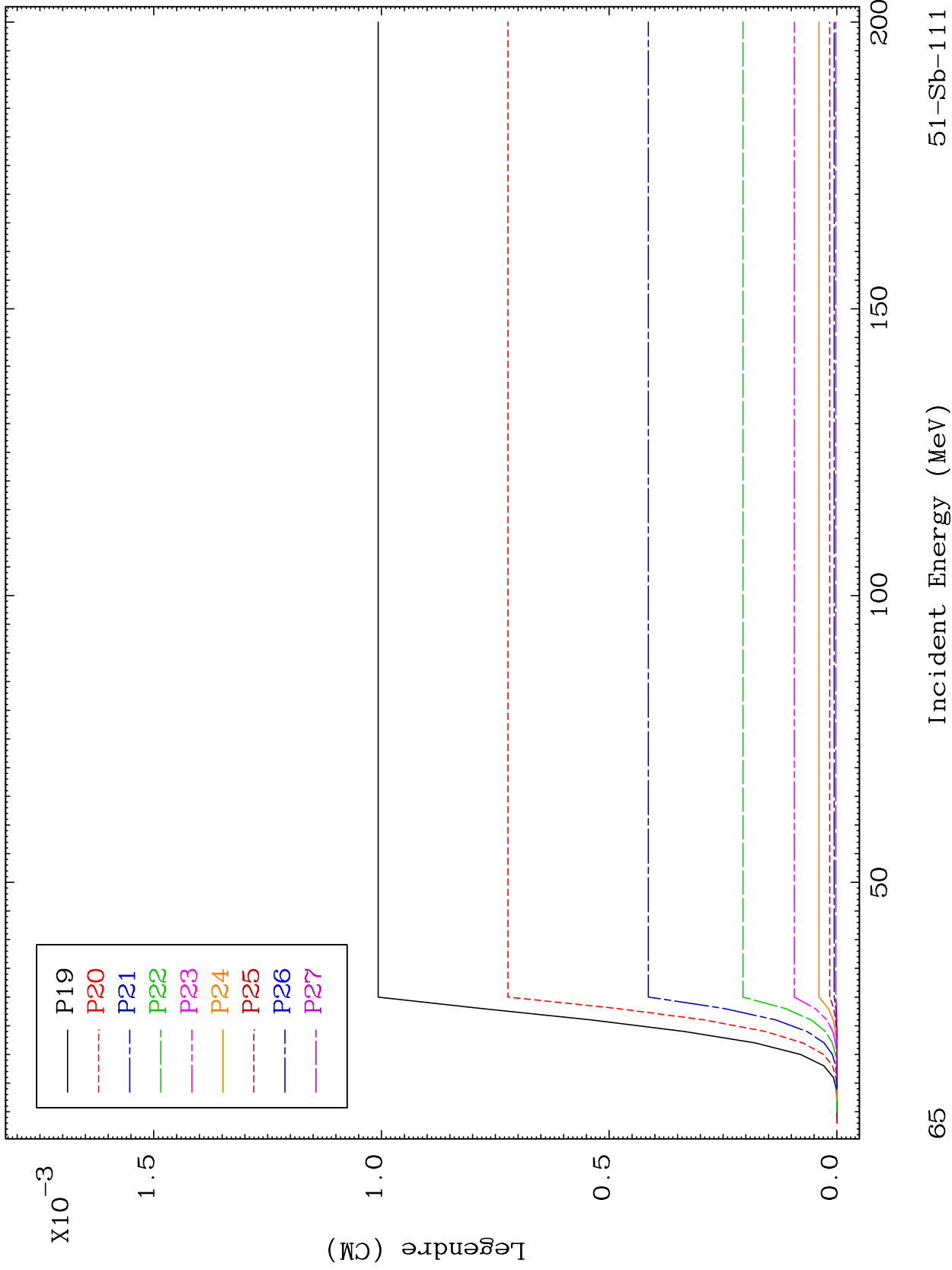
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

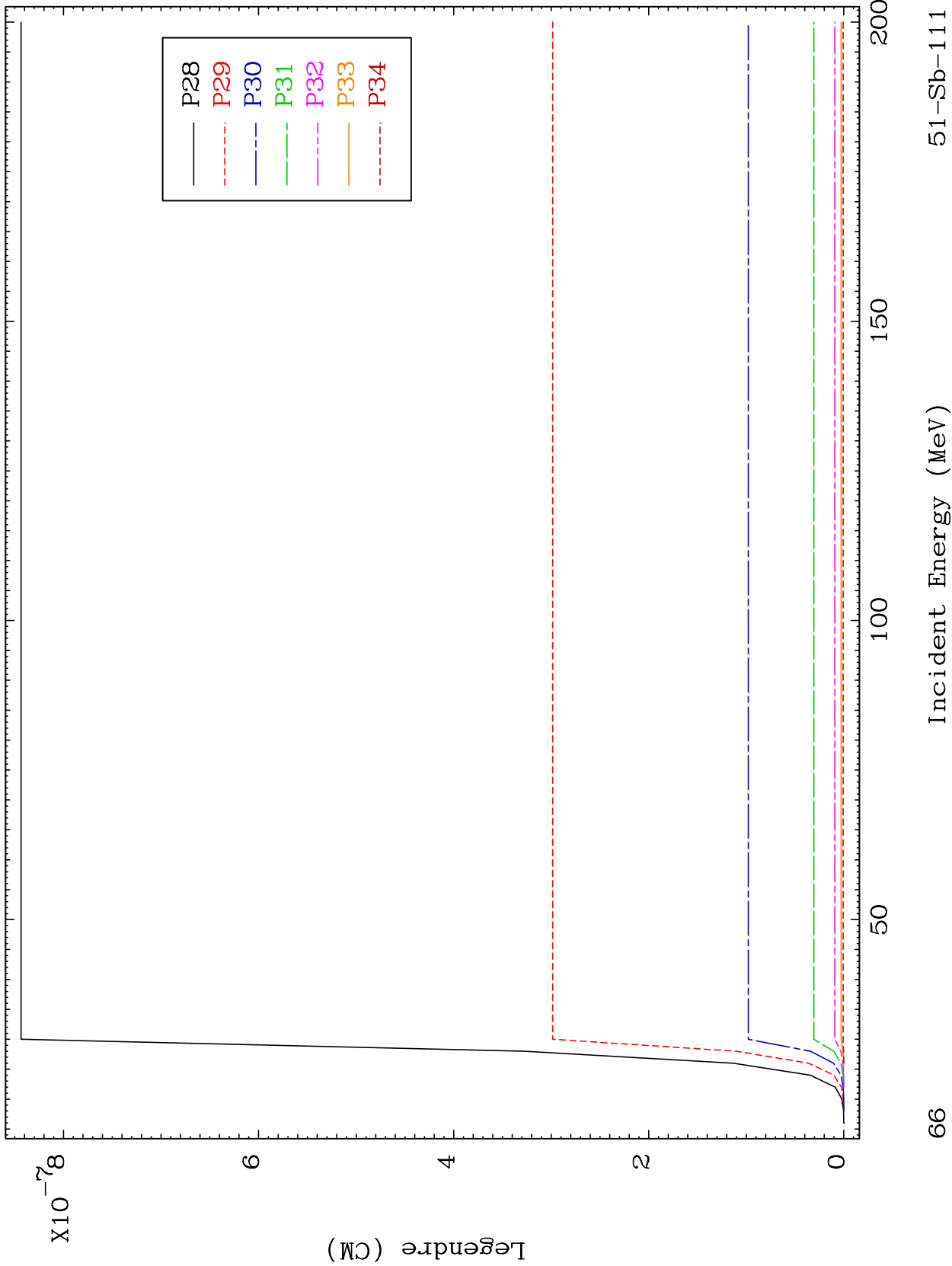
51-Sb-111



MAT 5095

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

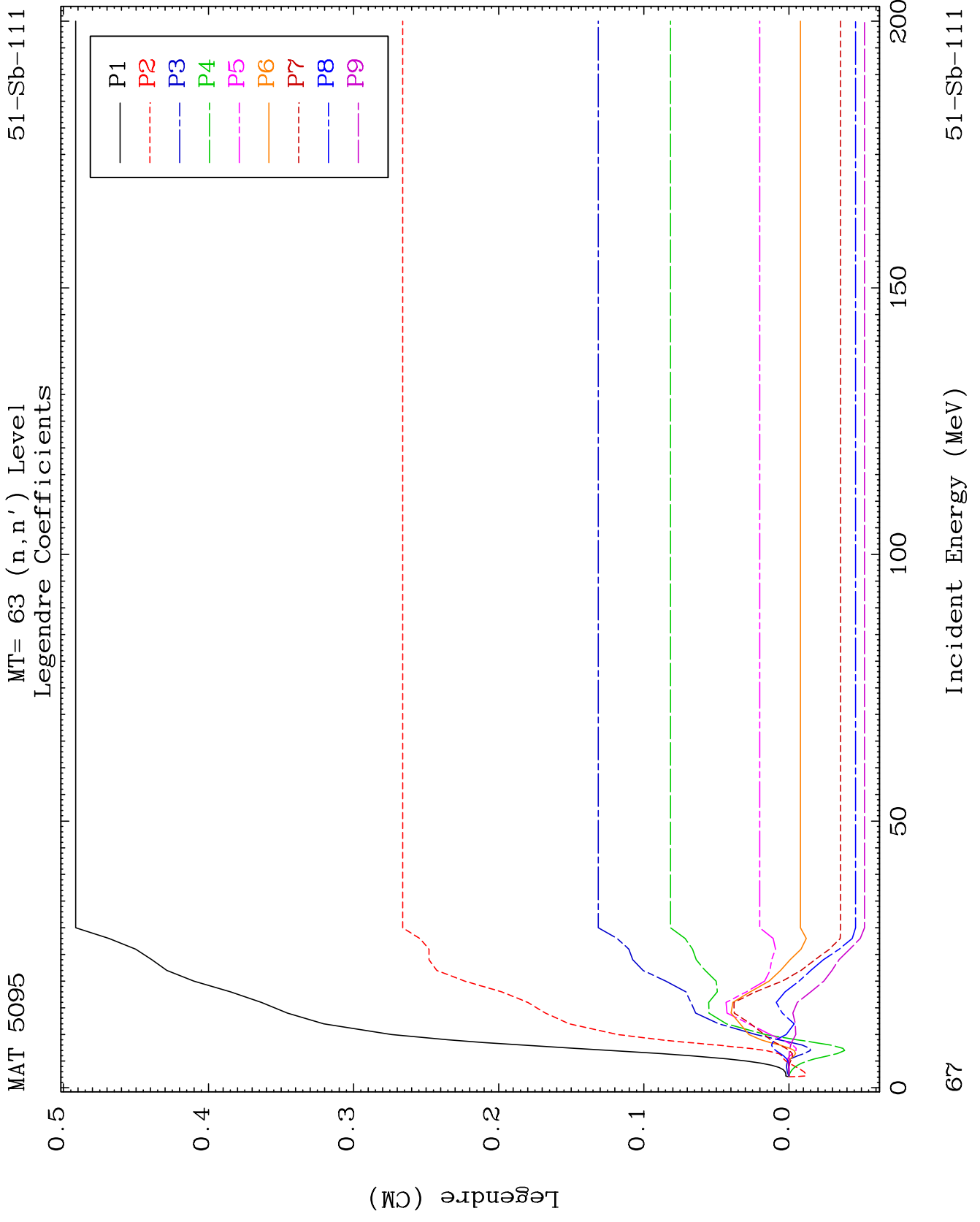
51-Sb-111



66

Incident Energy (MeV)

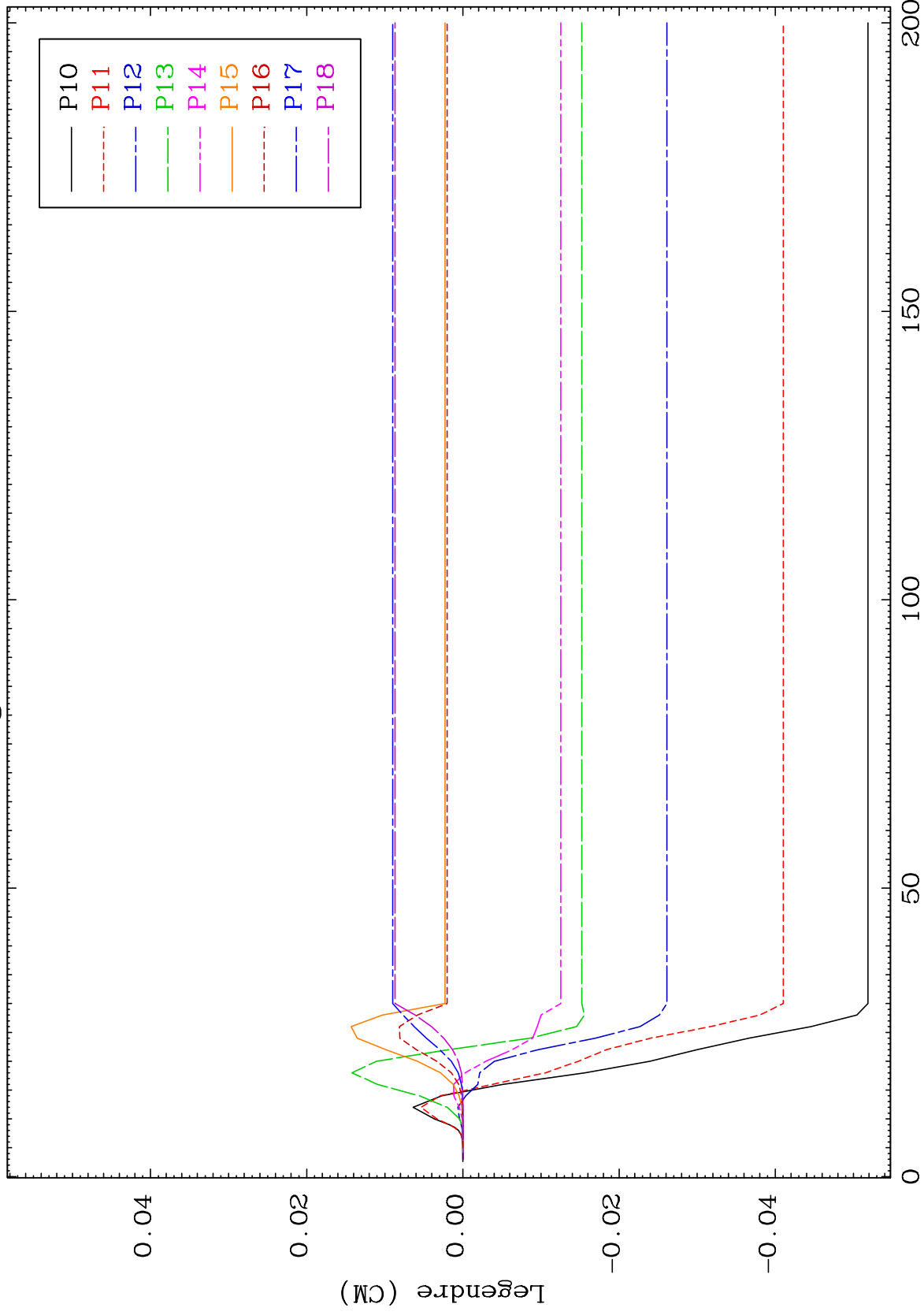
51-Sb-111



MAT 5095

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

51-Sb-111



68

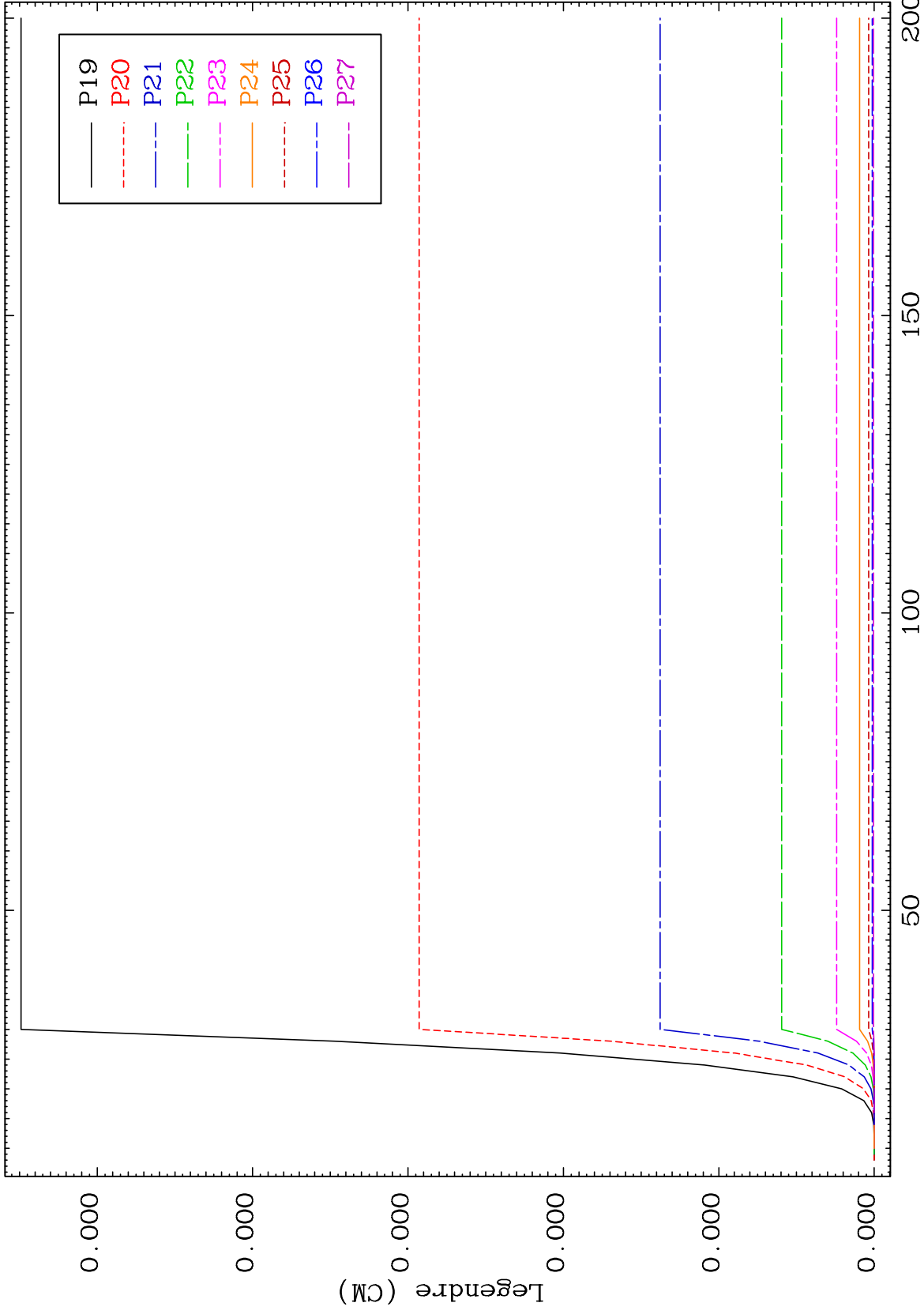
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



69

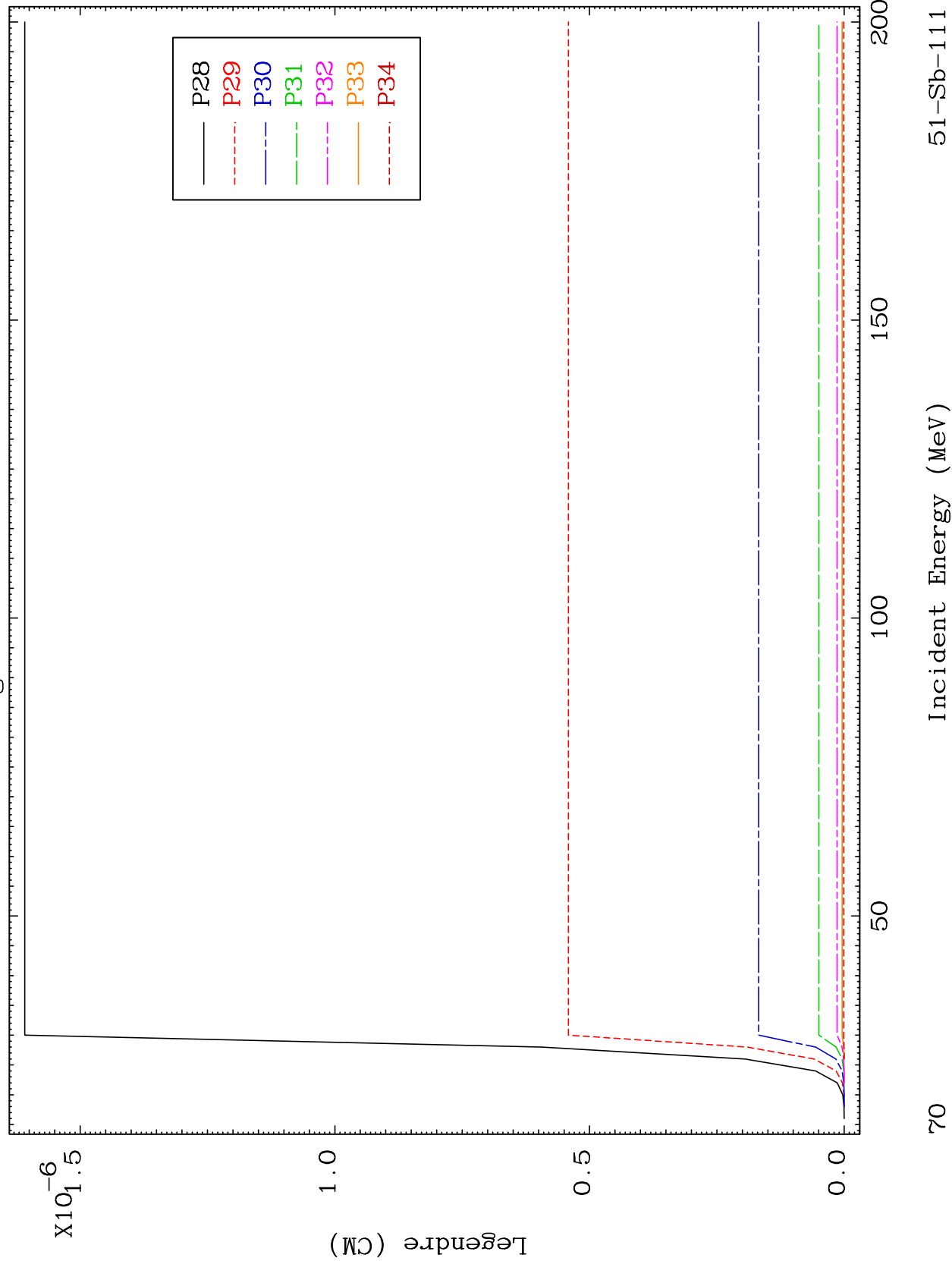
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



70

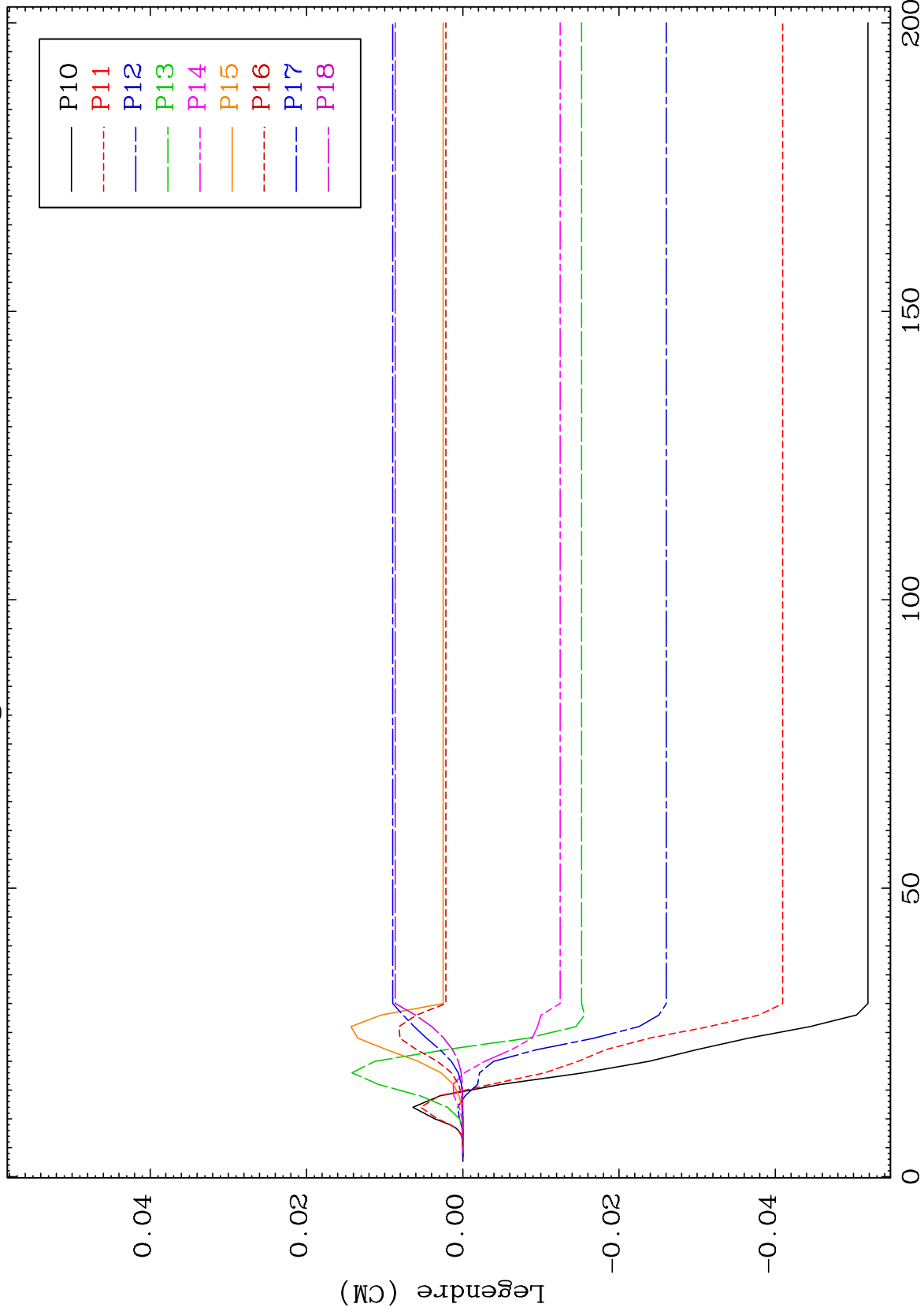
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



72

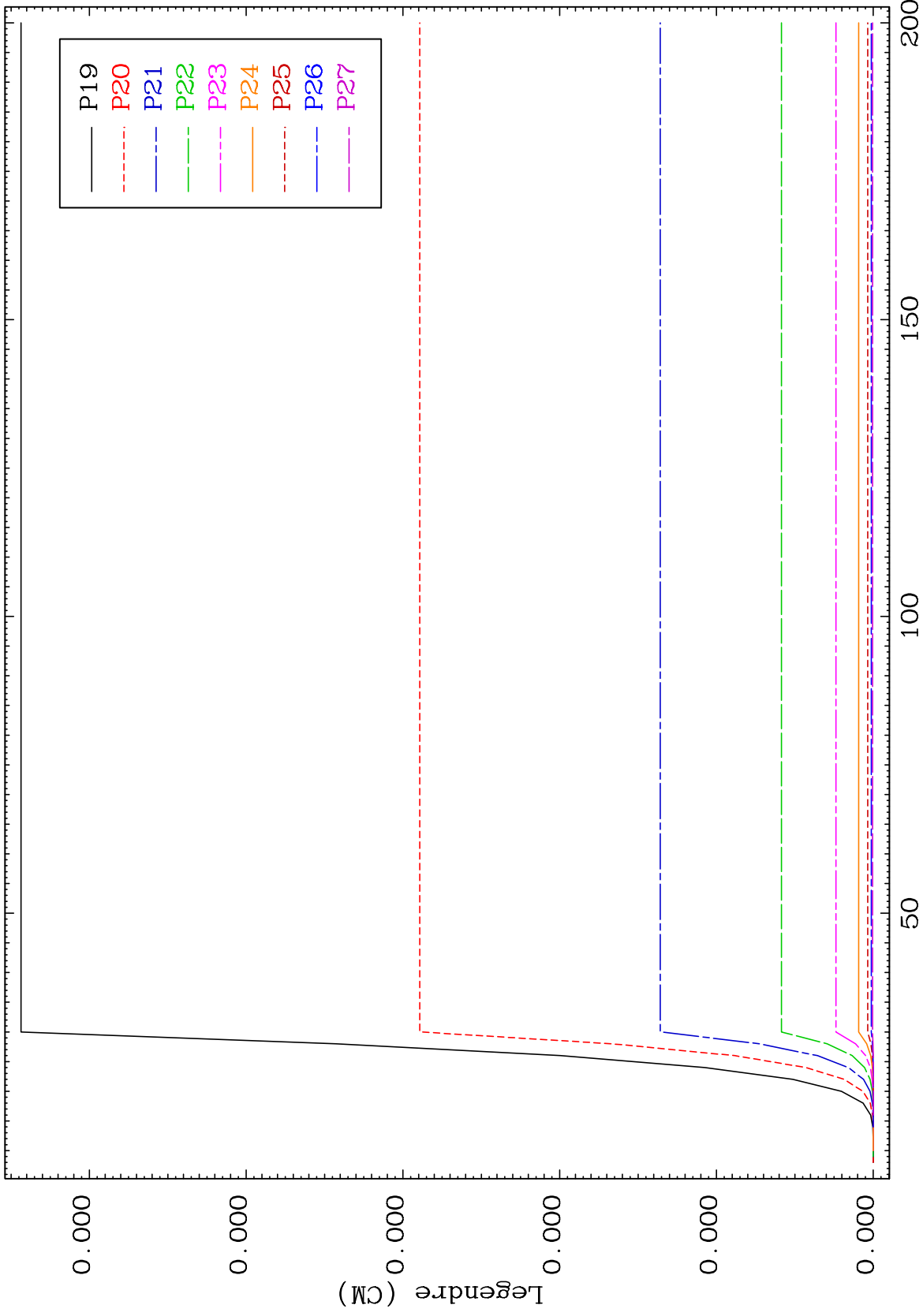
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



73

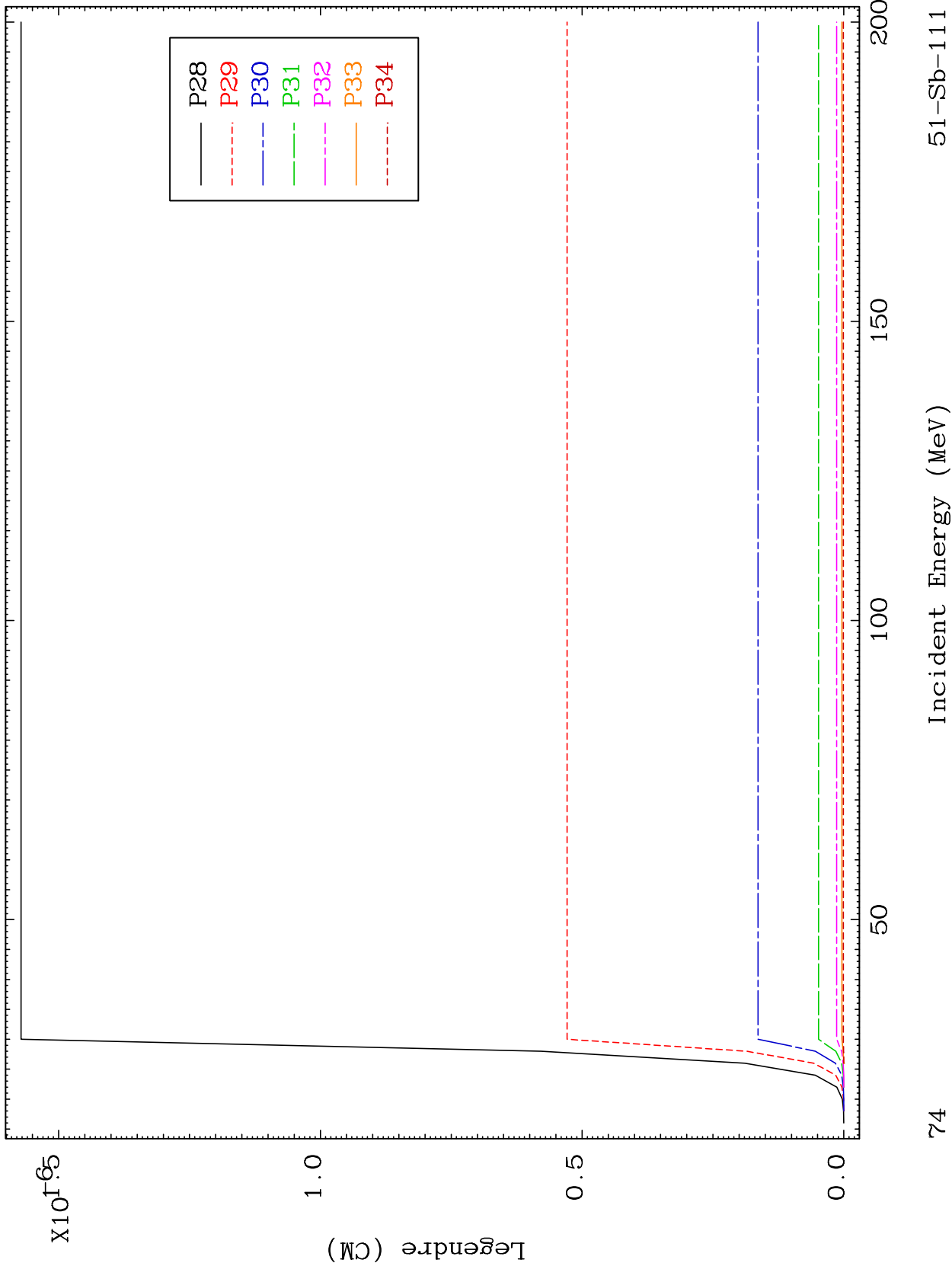
Incident Energy (MeV)

51-Sb-111

MAT 5095

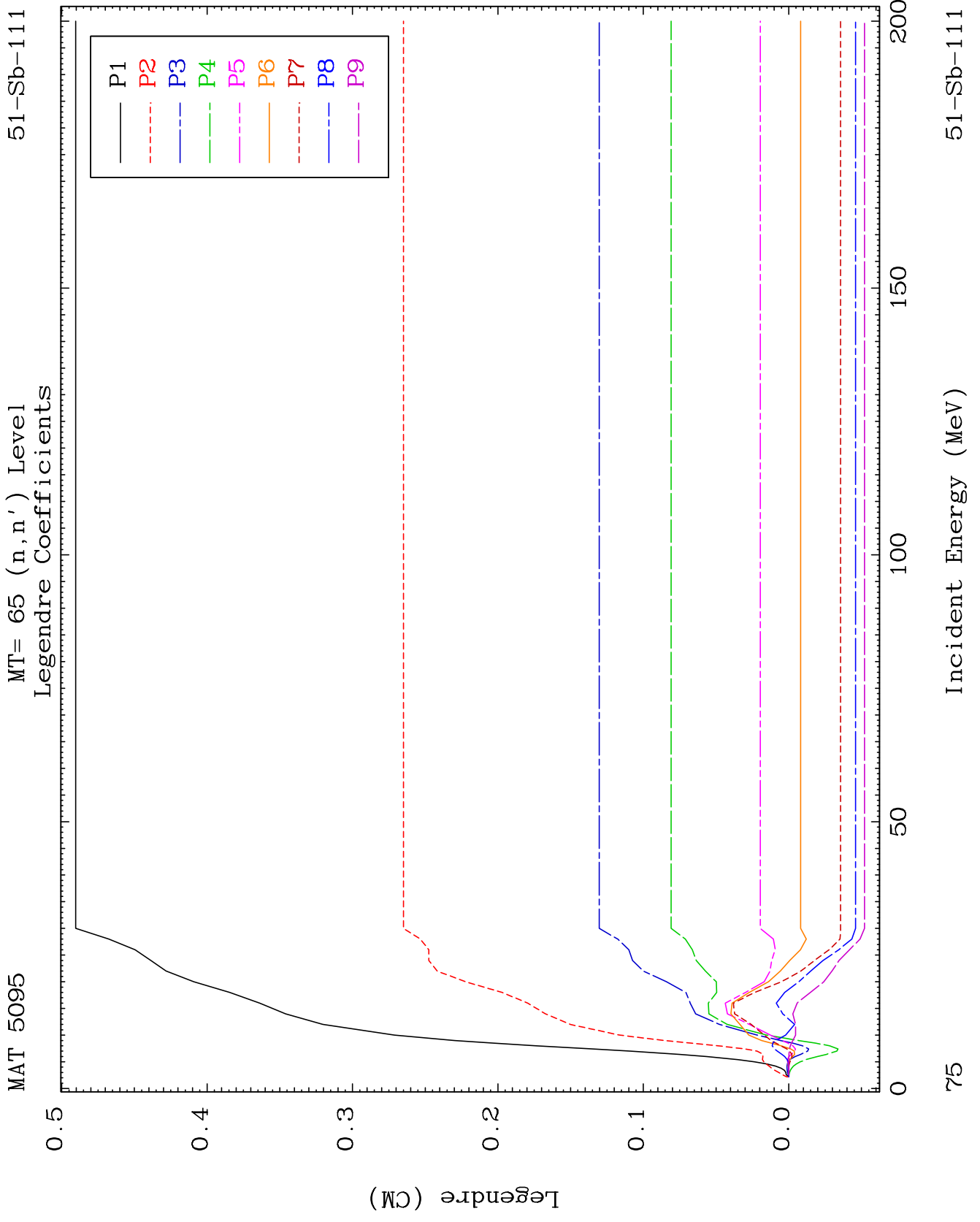
MT= 64 (n,n') Level
Legendre Coefficients

51-Sb-111



74

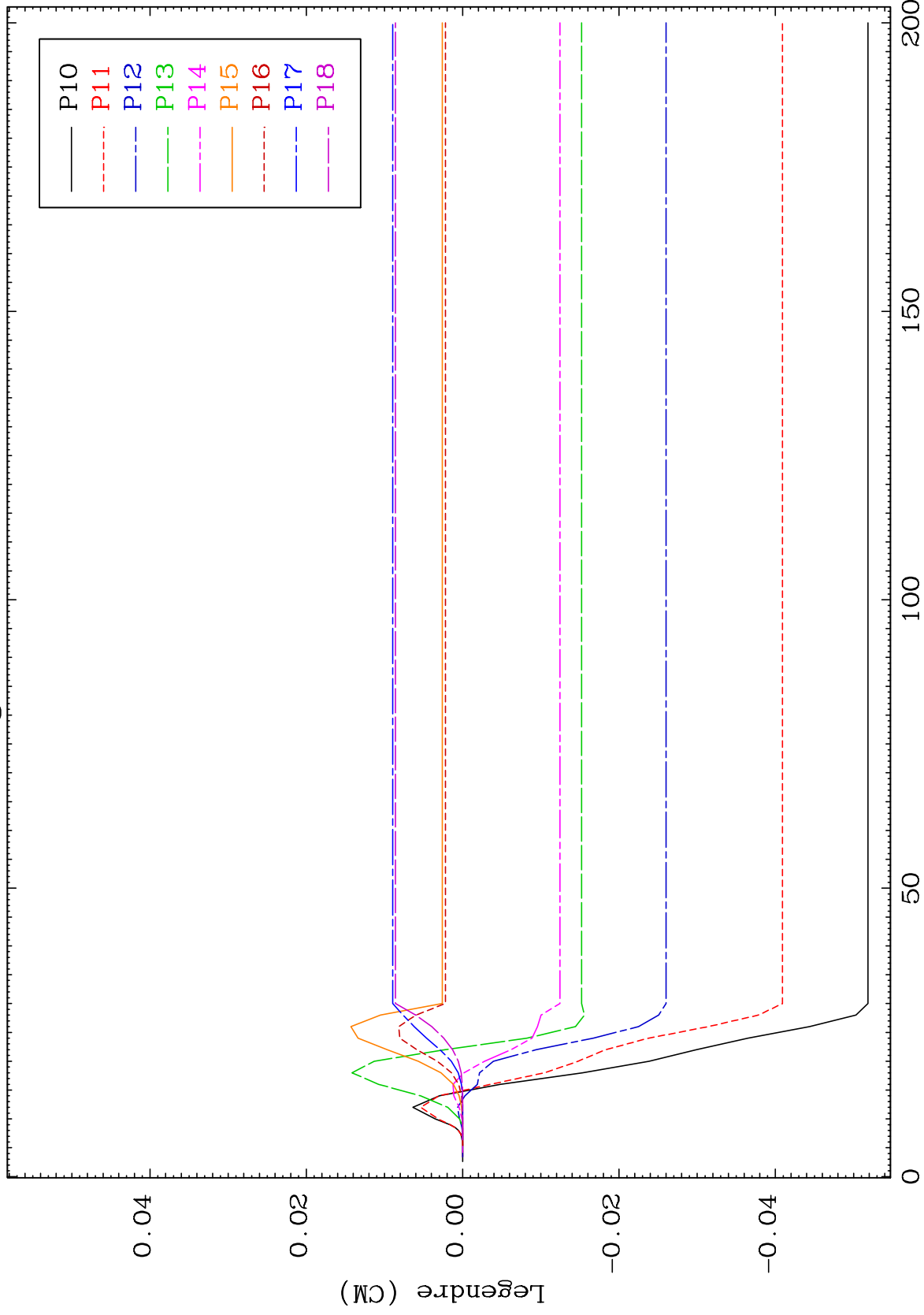
51-Sb-111



MAT 5095

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

51-Sb-111



76

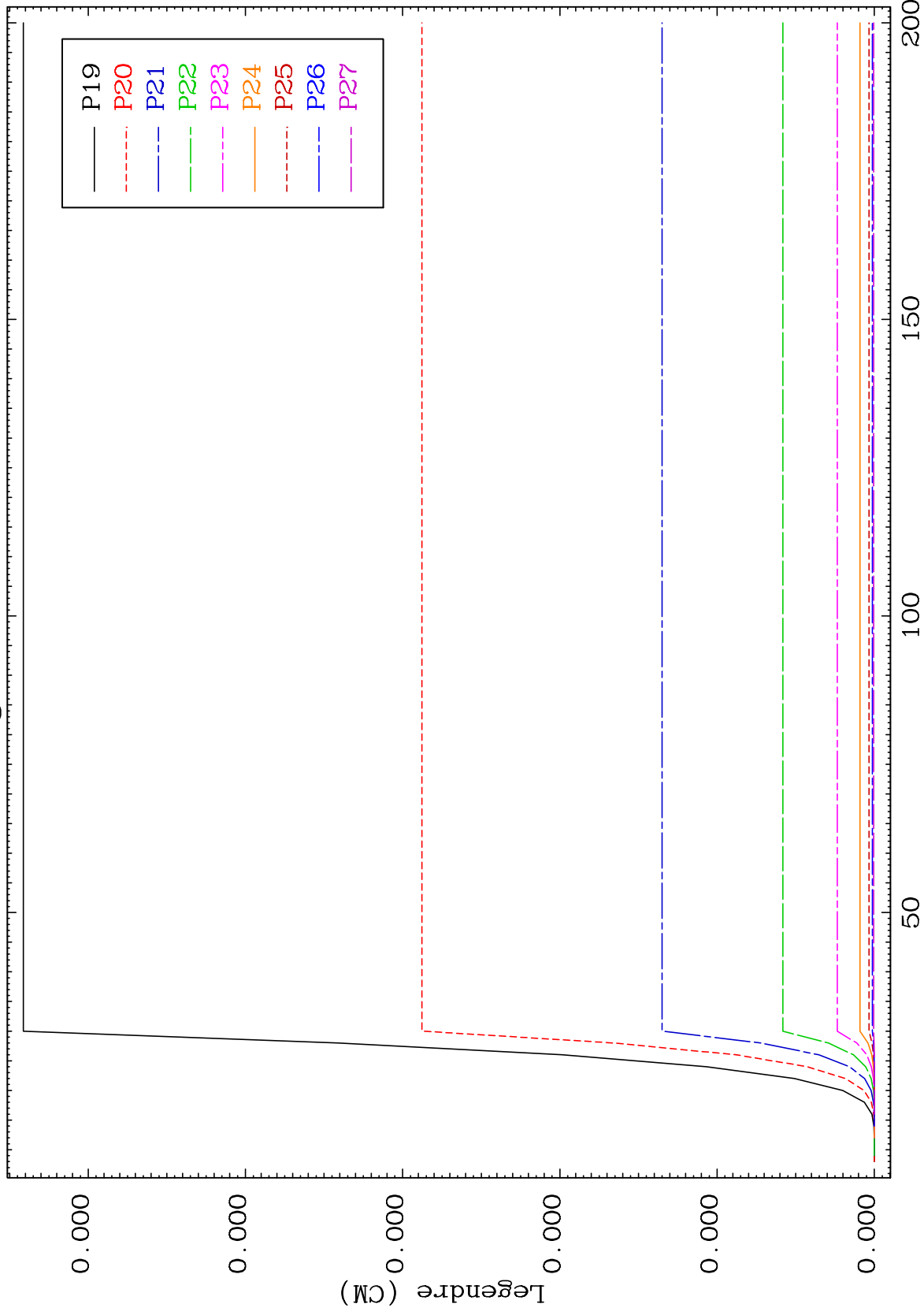
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



77

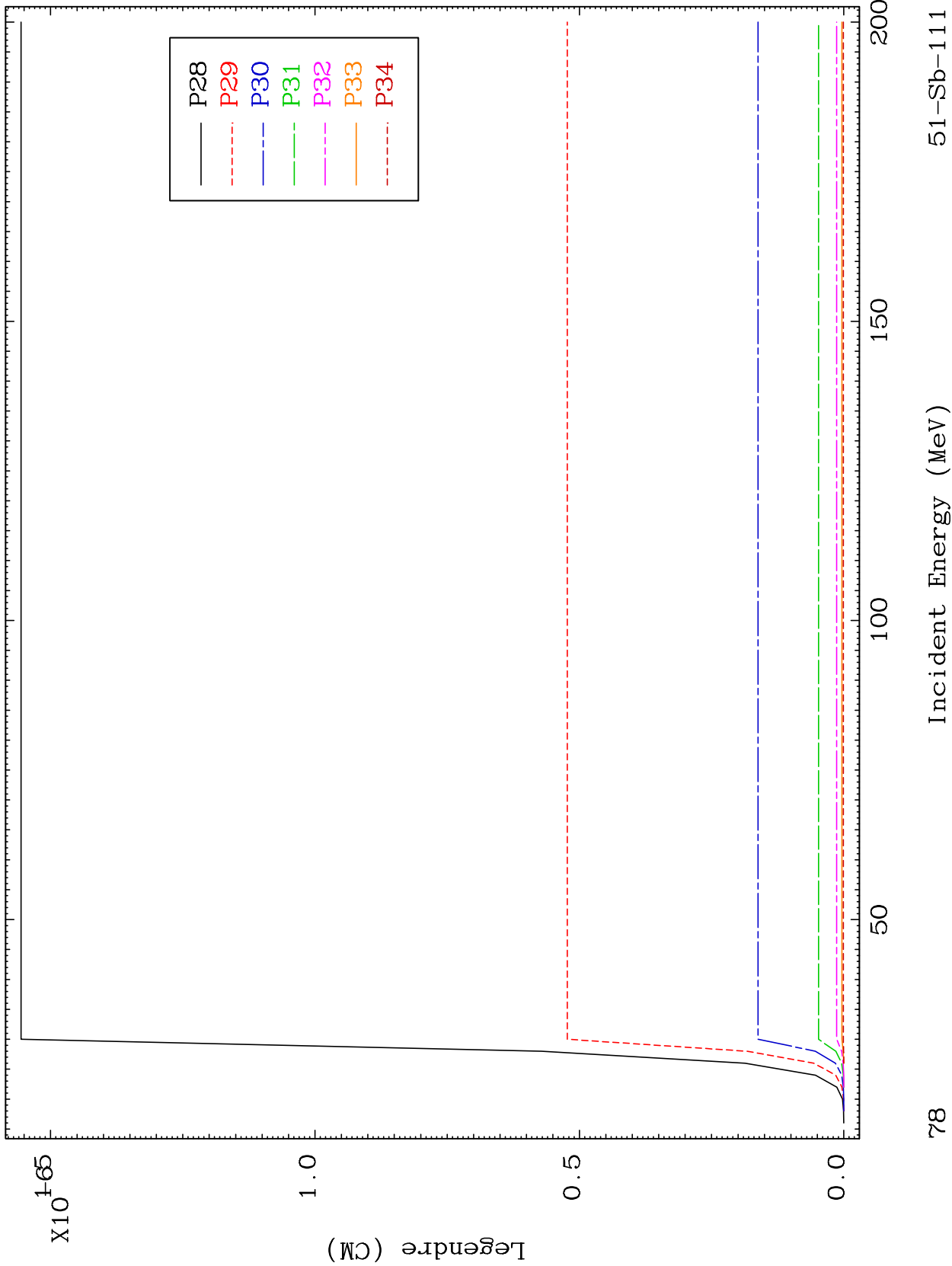
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



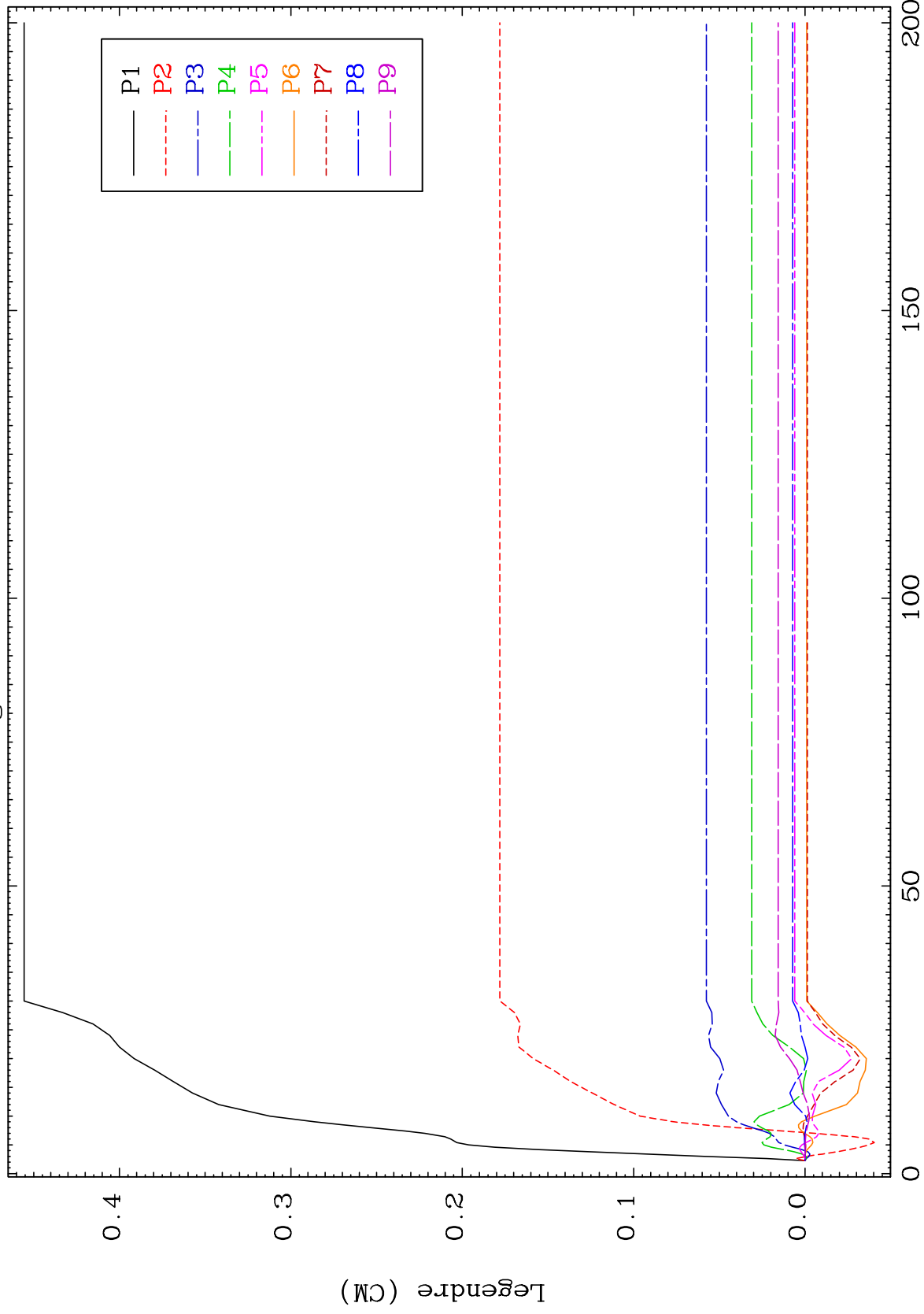
78

51-Sb-111

MAT 5095

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

51-Sb-111



79

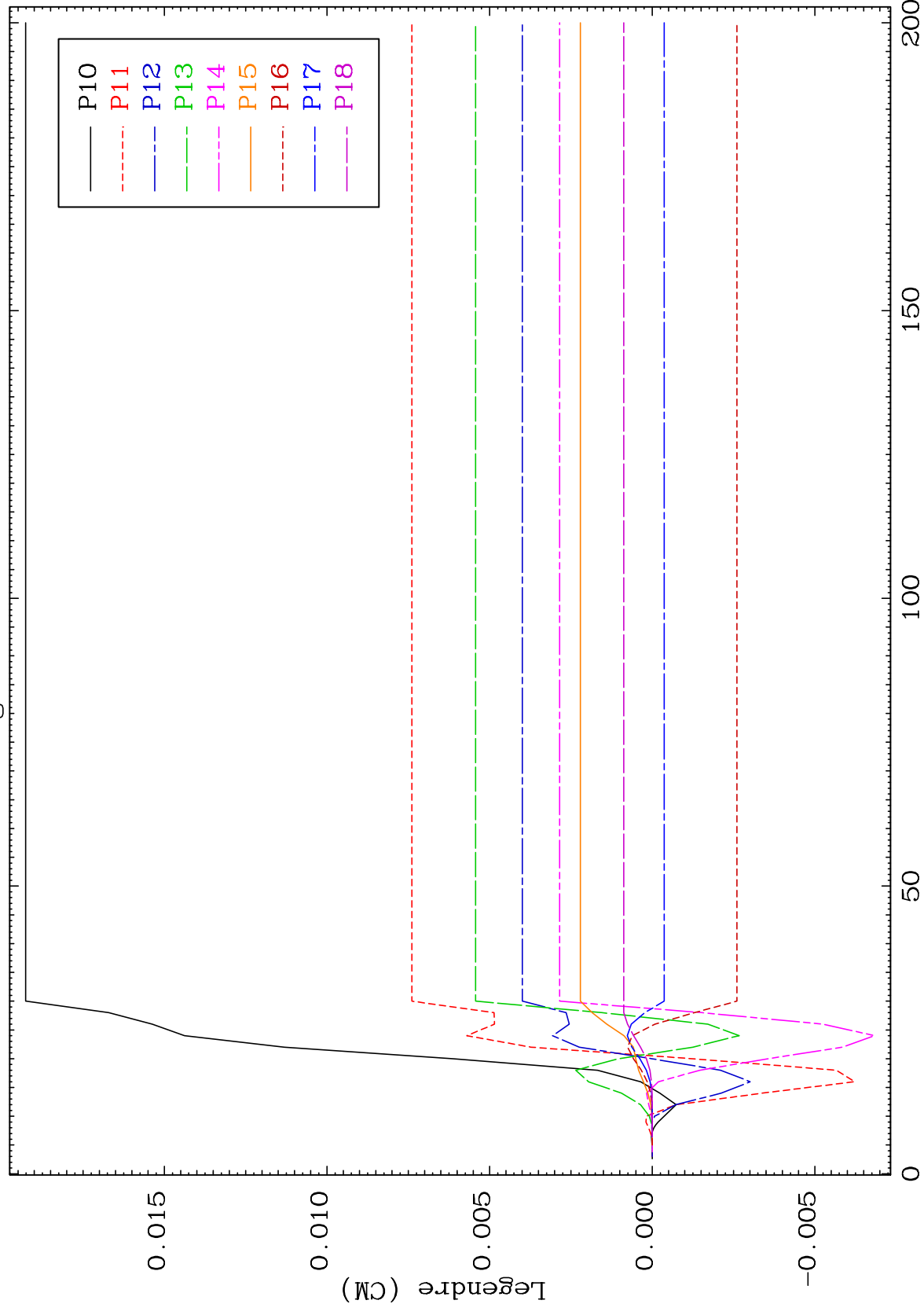
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

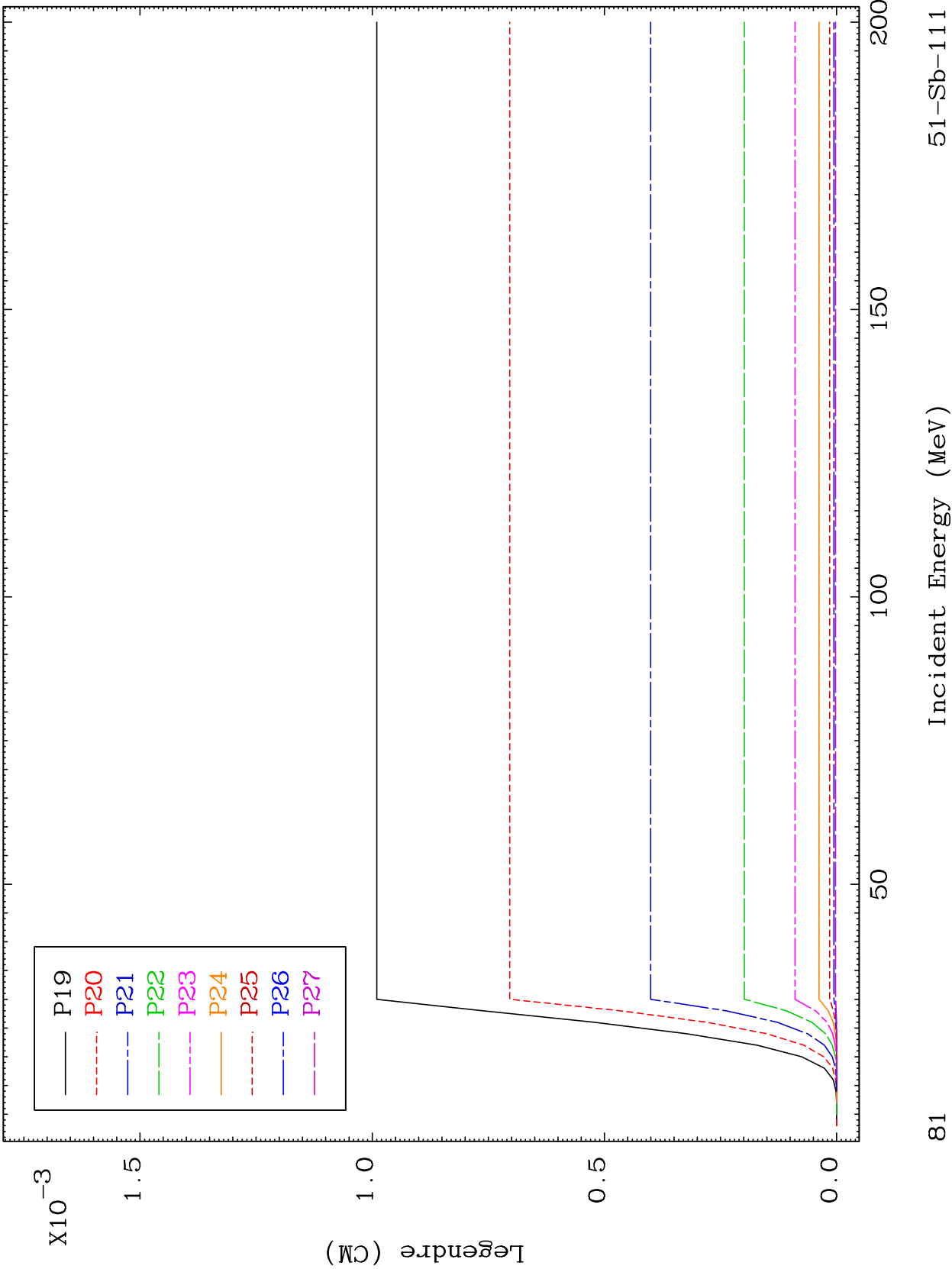
51-Sb-111



51-Sb-111

Incident Energy (MeV)

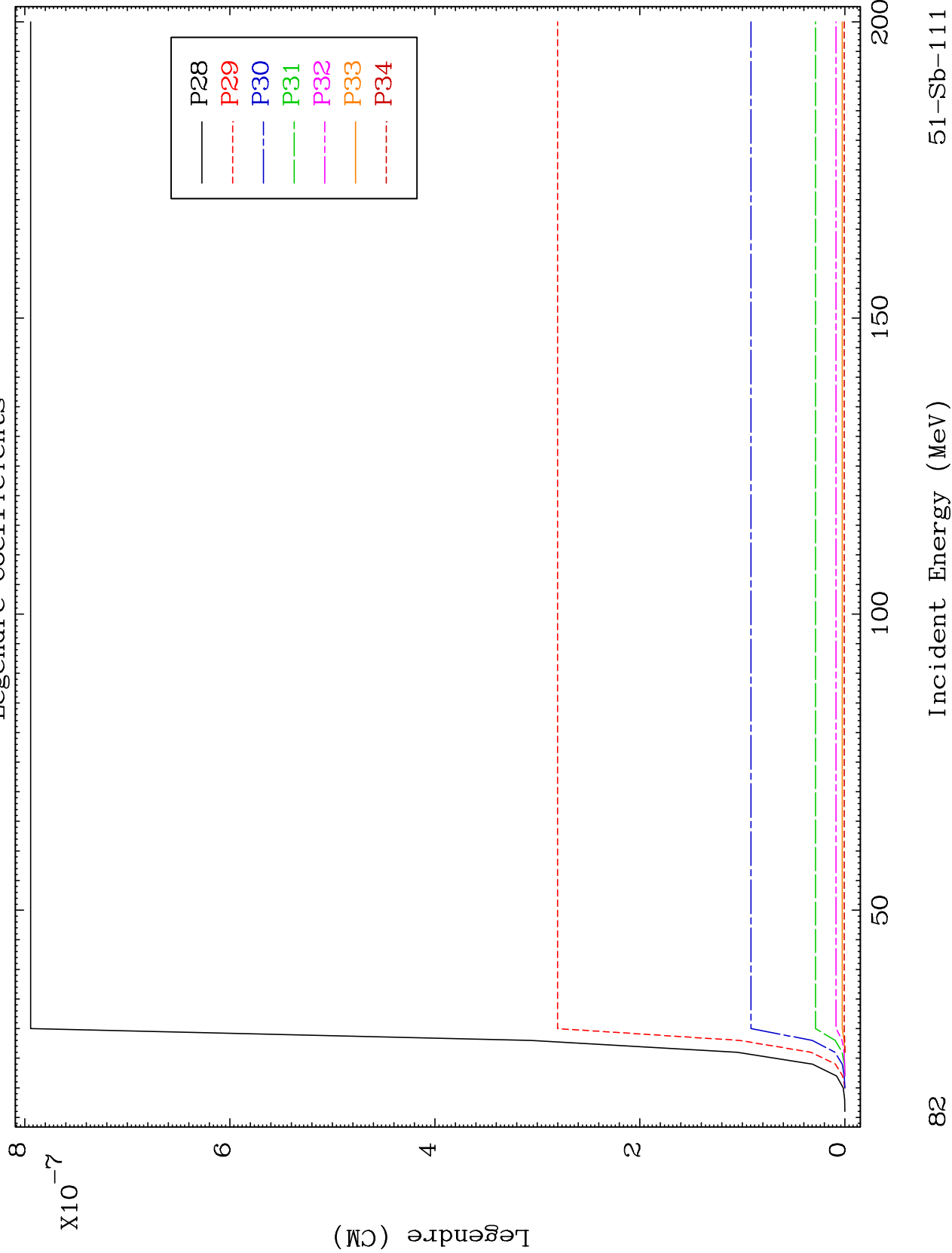
80



MAT 5095

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

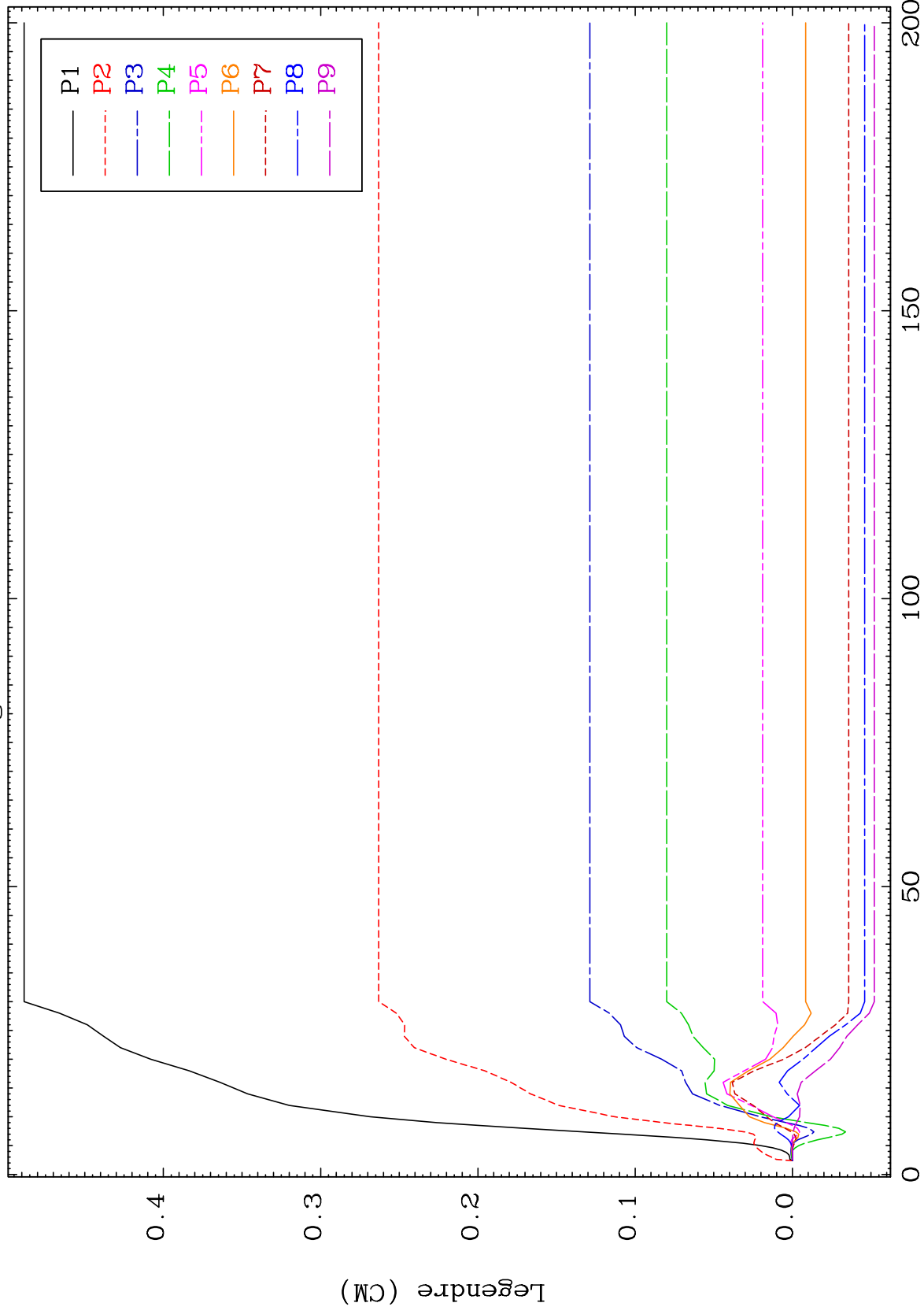
51-Sb-111



MAT 5095

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

51-Sb-111



83

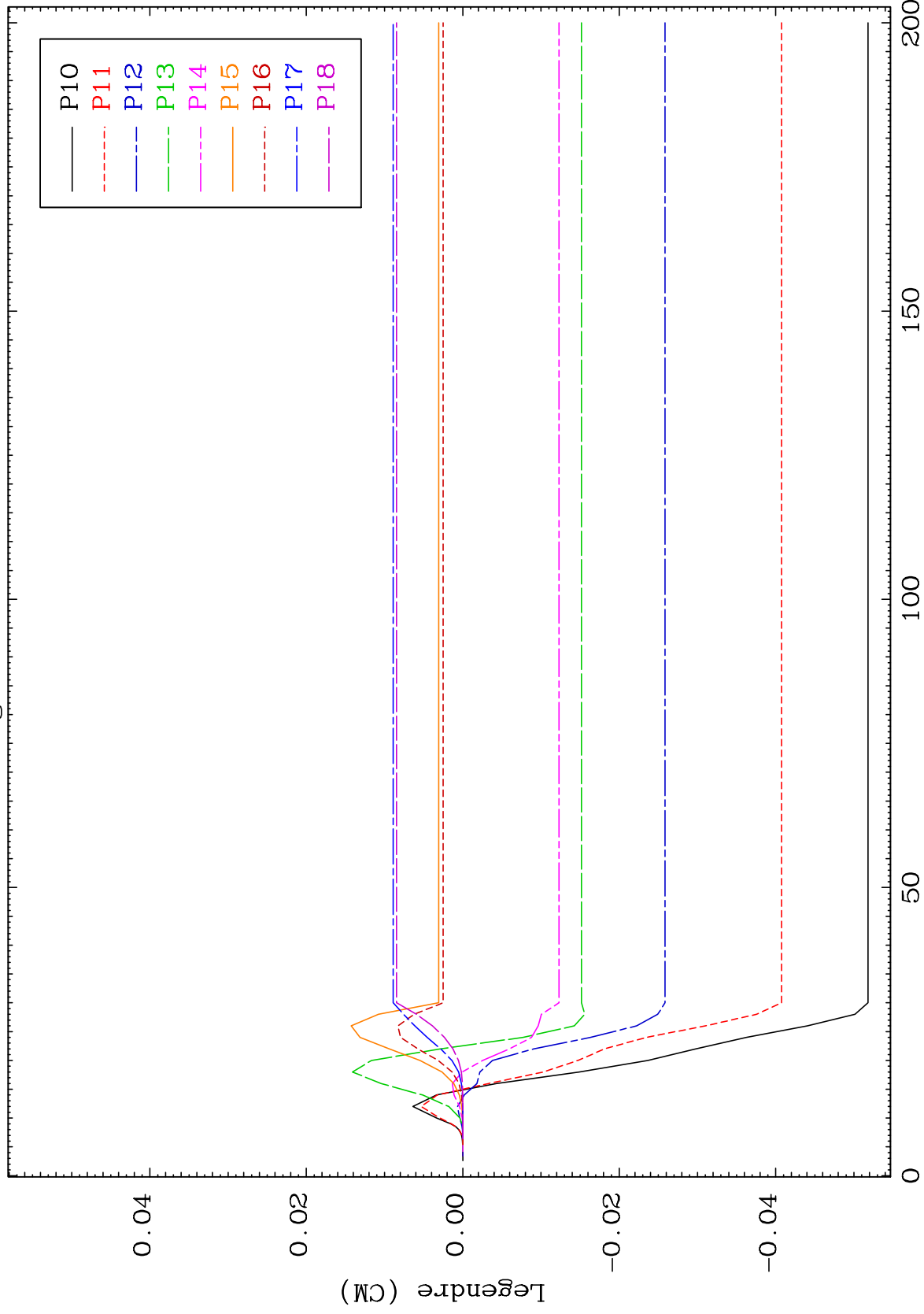
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



84

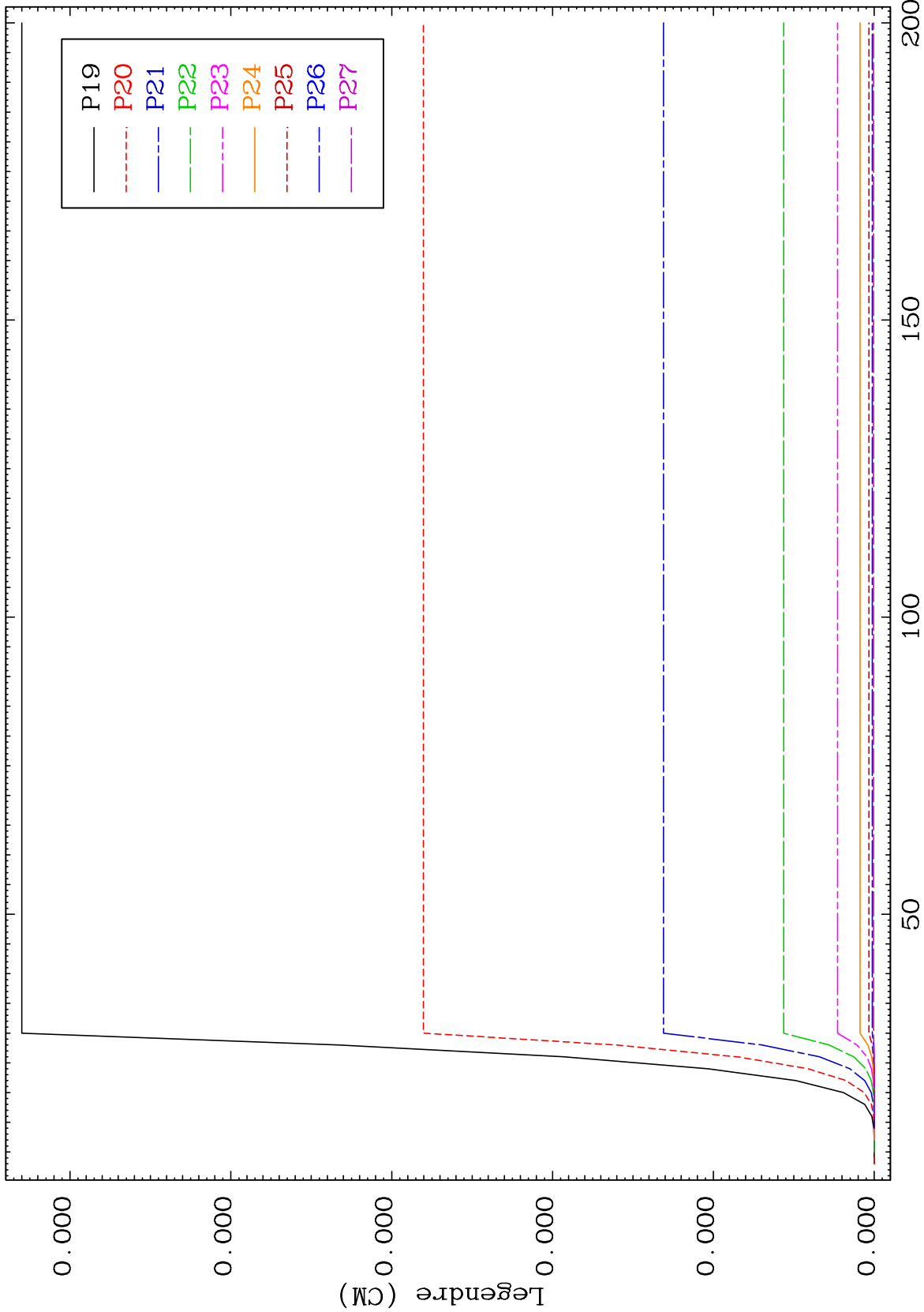
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

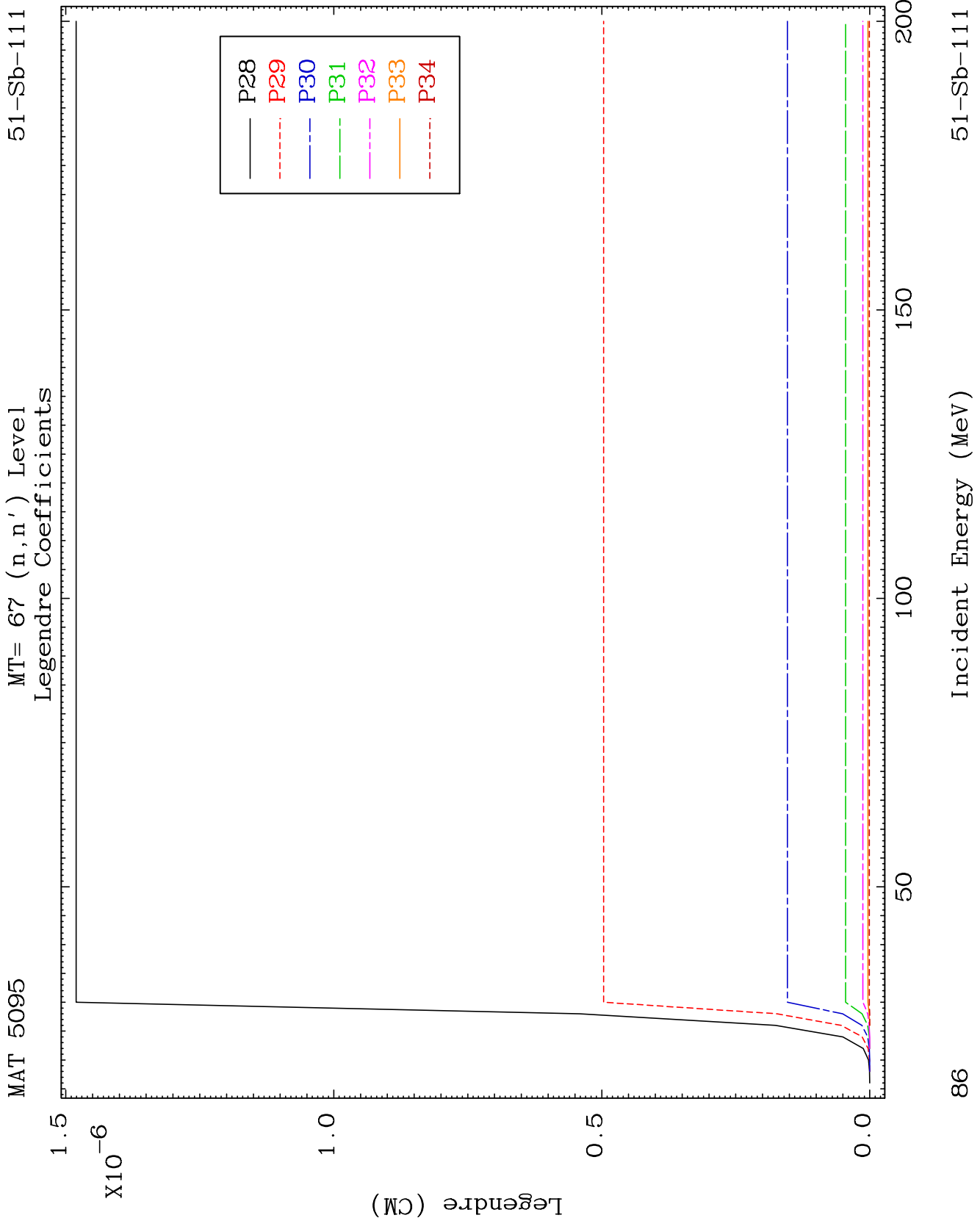
51-Sb-111



85

Incident Energy (MeV)

51-Sb-111

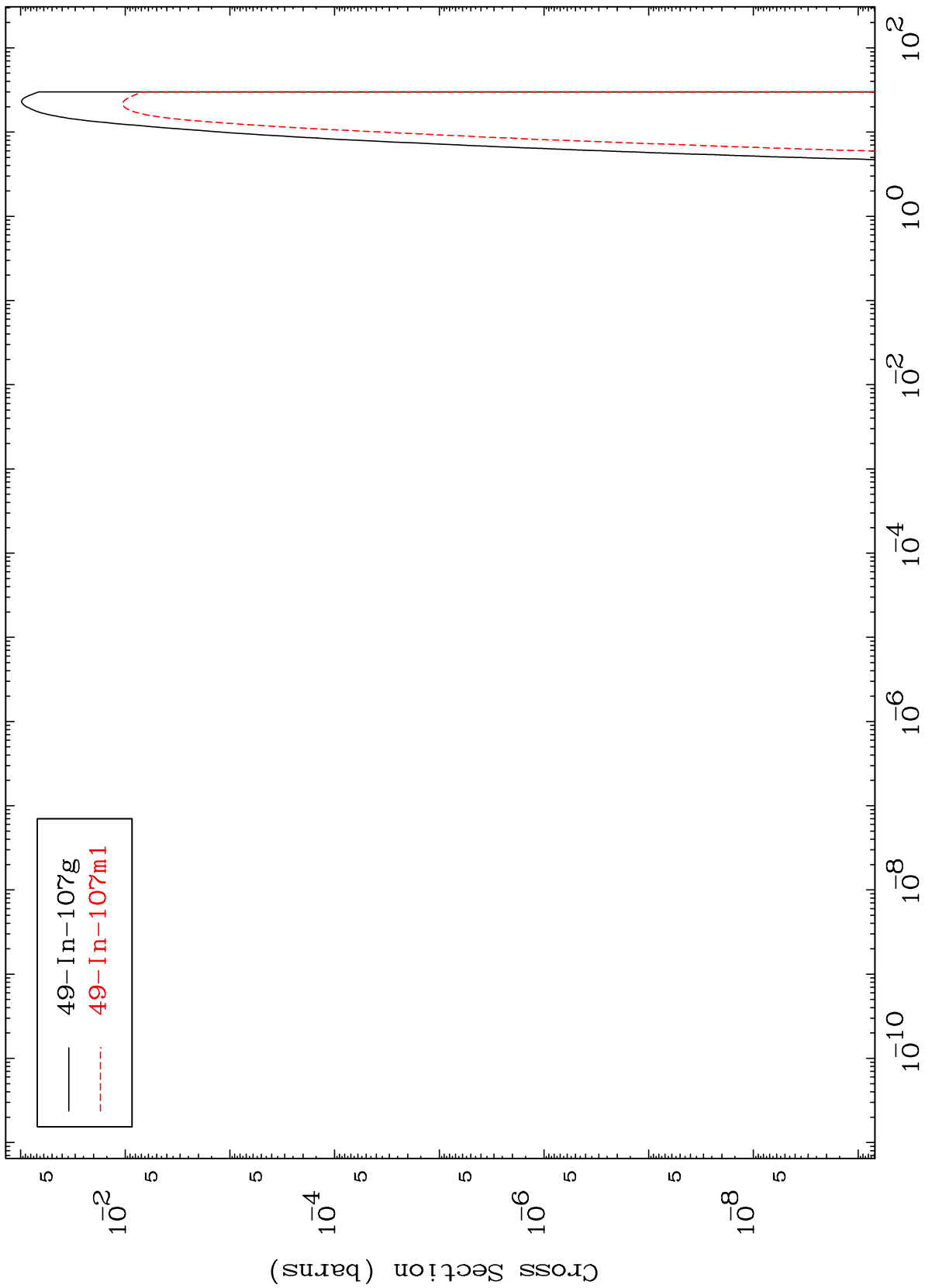


MAT 5095

(n,n') α

51-Sb-111

Radionuclide Production Cross Section

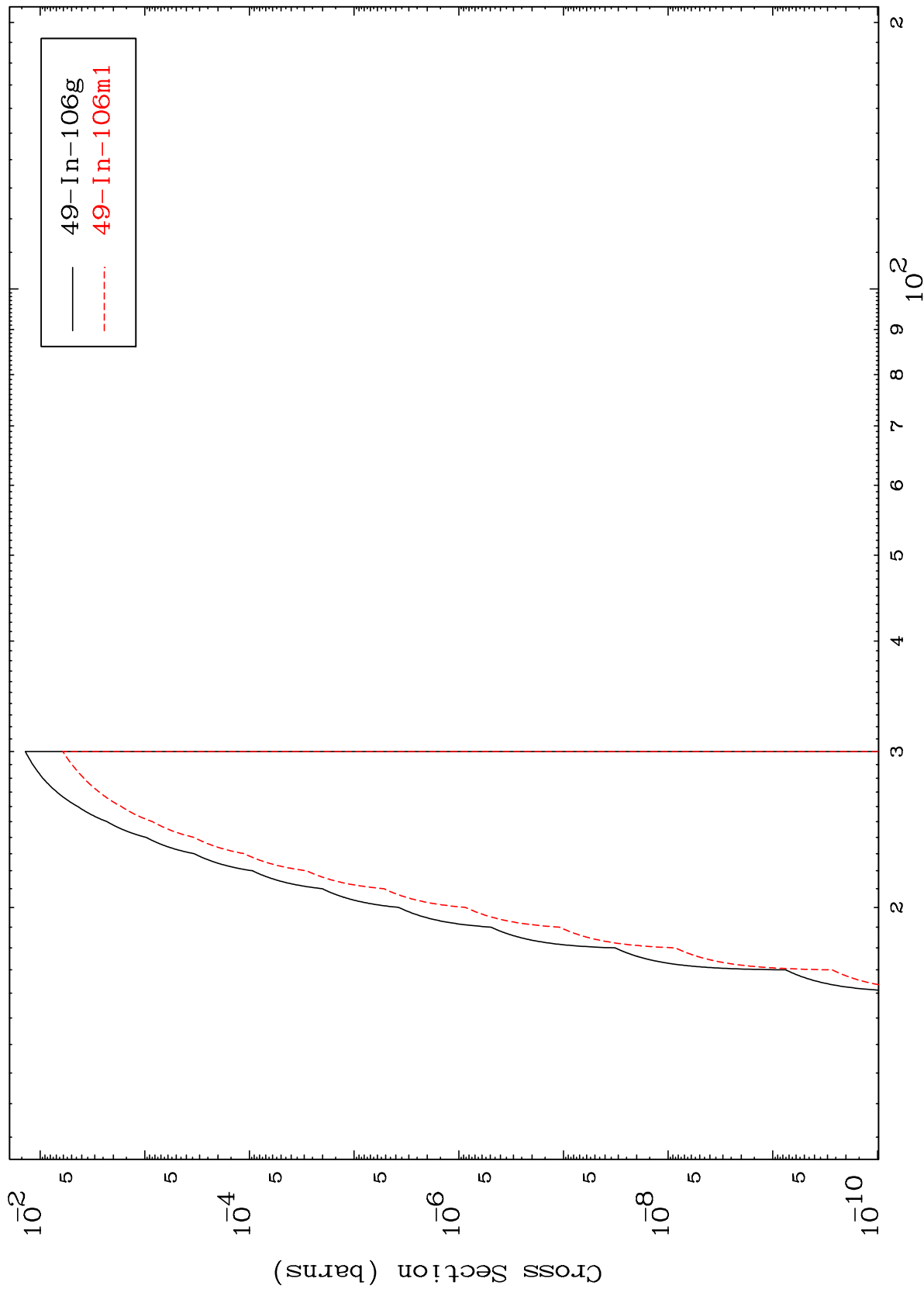


MAT 5095

(n,2n) α

51-Sb-111

Radionuclide Production Cross Section



88

Incident Energy (MeV)

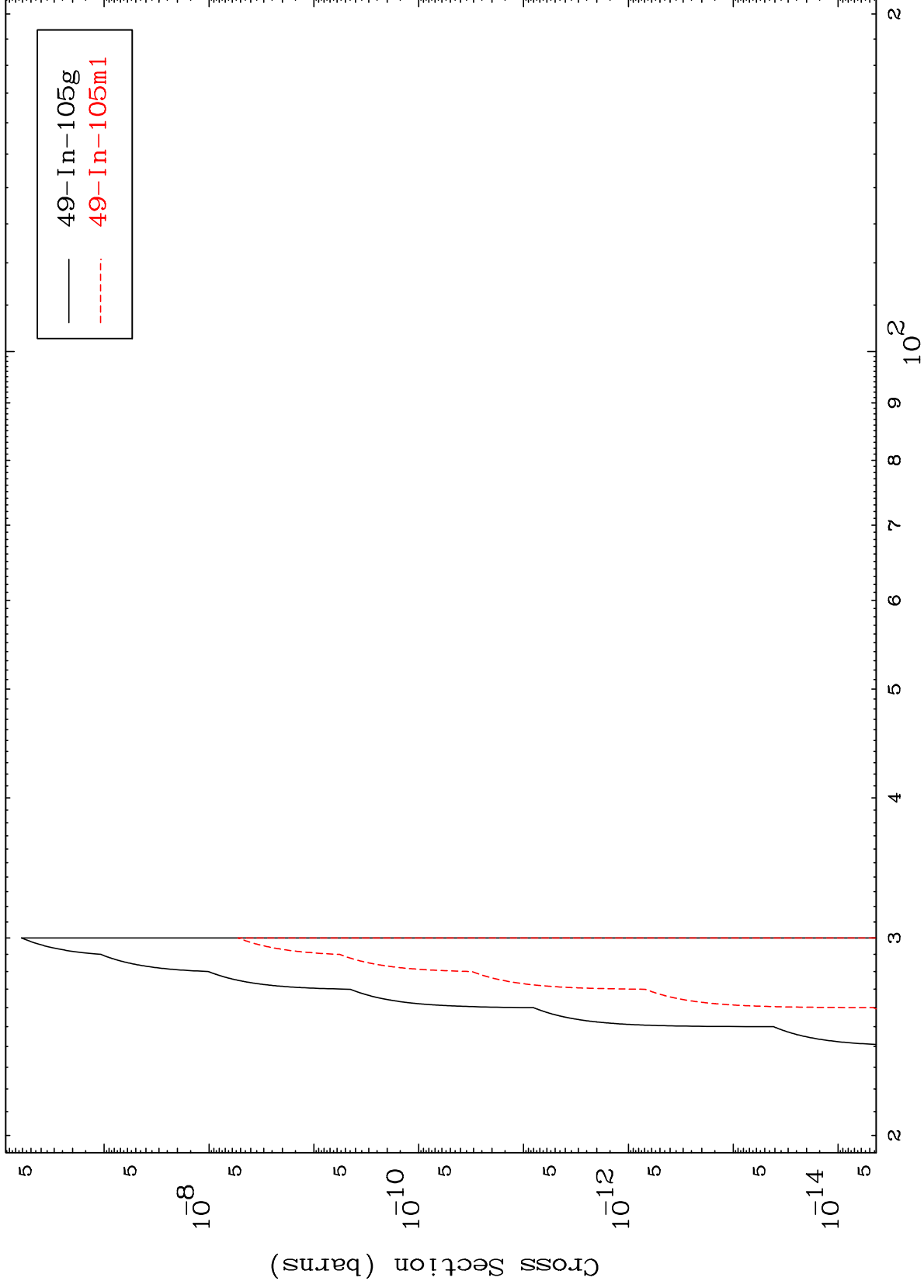
51-Sb-111

MAT 5095

(n,3n) α

51-Sb-111

Radionuclide Production Cross Section



89

Incident Energy (MeV)

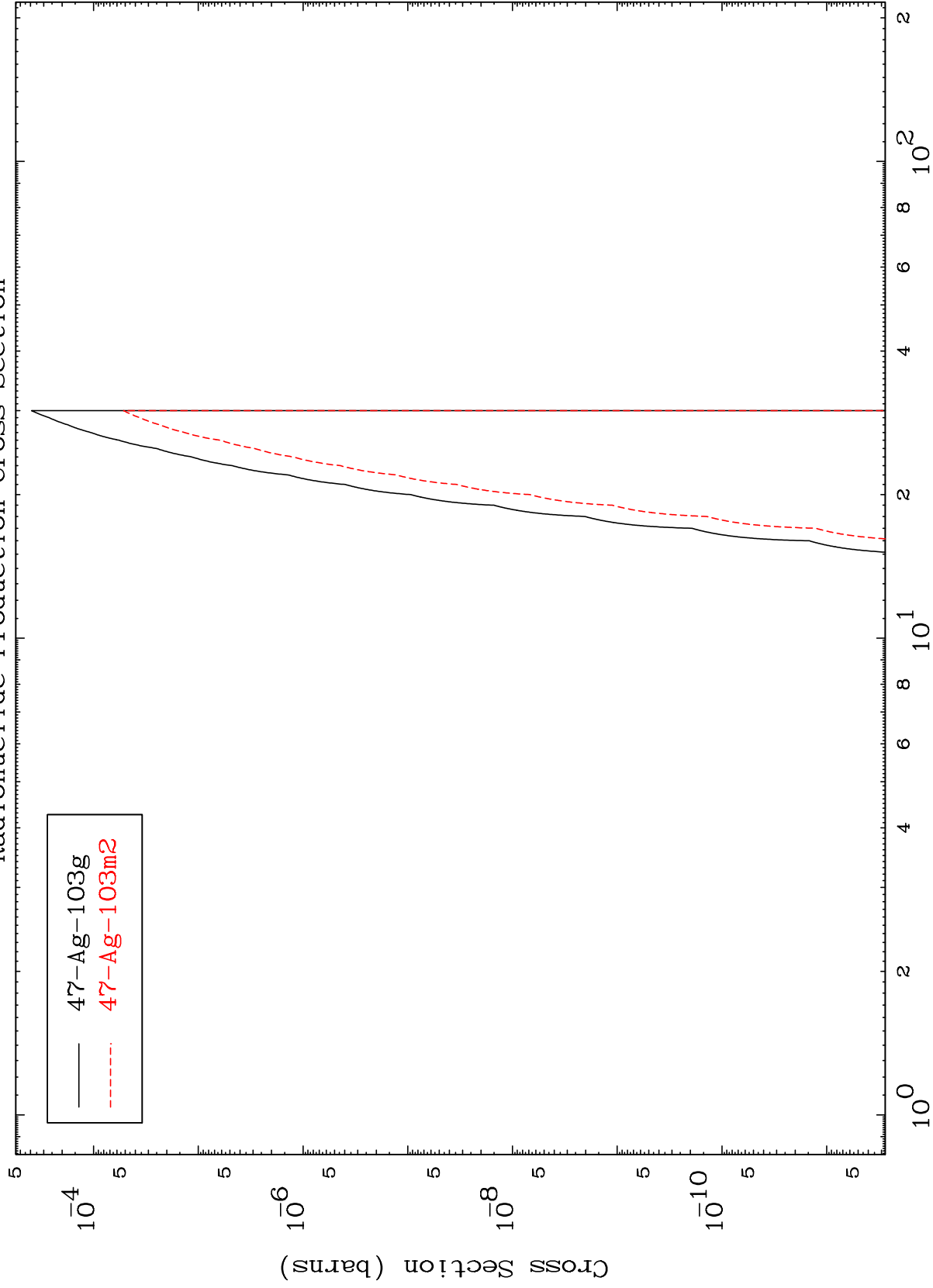
51-Sb-111

MAT 5095

(n,n') 2α

51-Sb-111

Radionuclide Production Cross Section



90

Incident Energy (MeV)

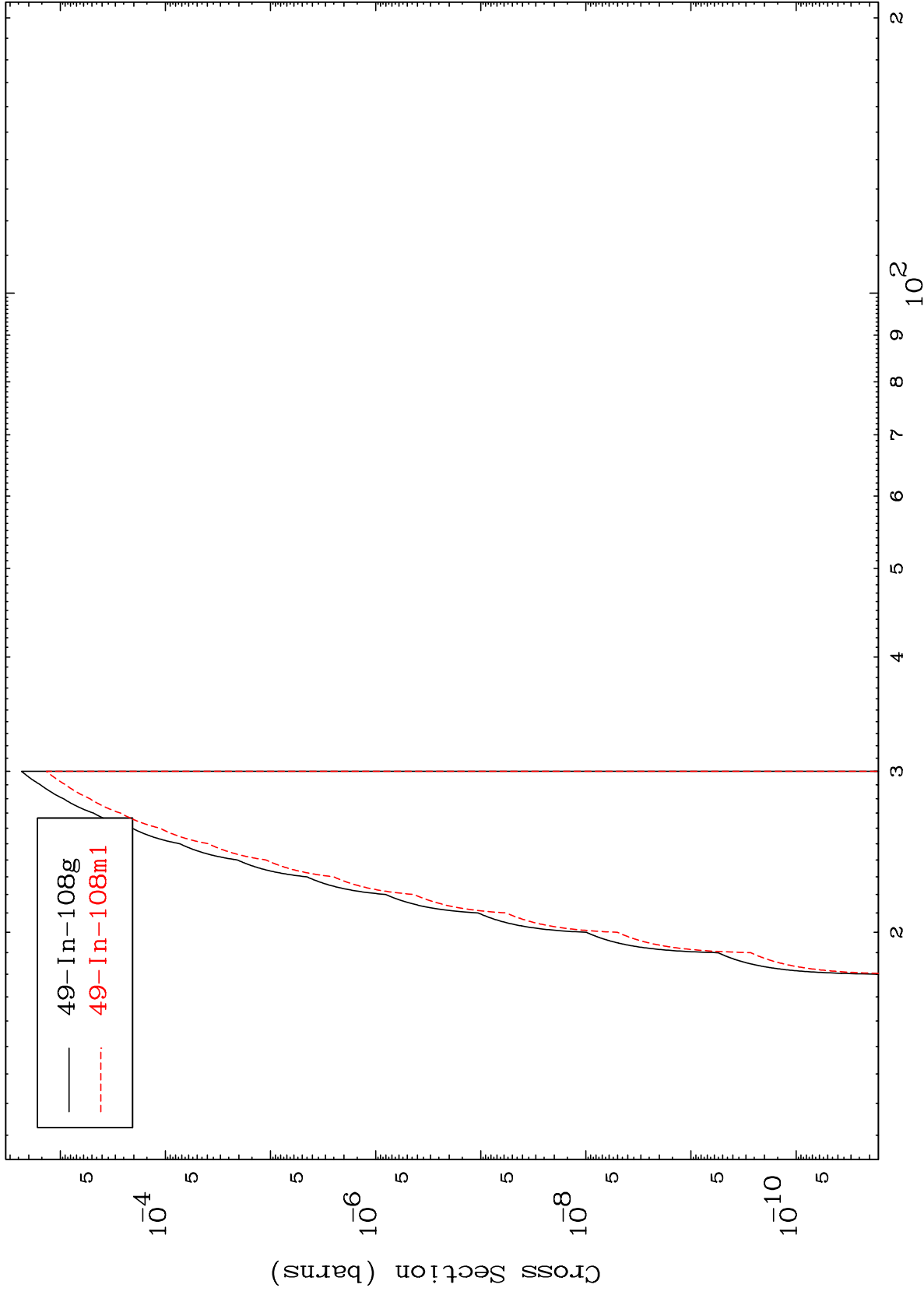
51-Sb-111

MAT 5095

(n,n') He-3

51-Sb-111

Radionuclide Production Cross Section



91

Incident Energy (MeV)

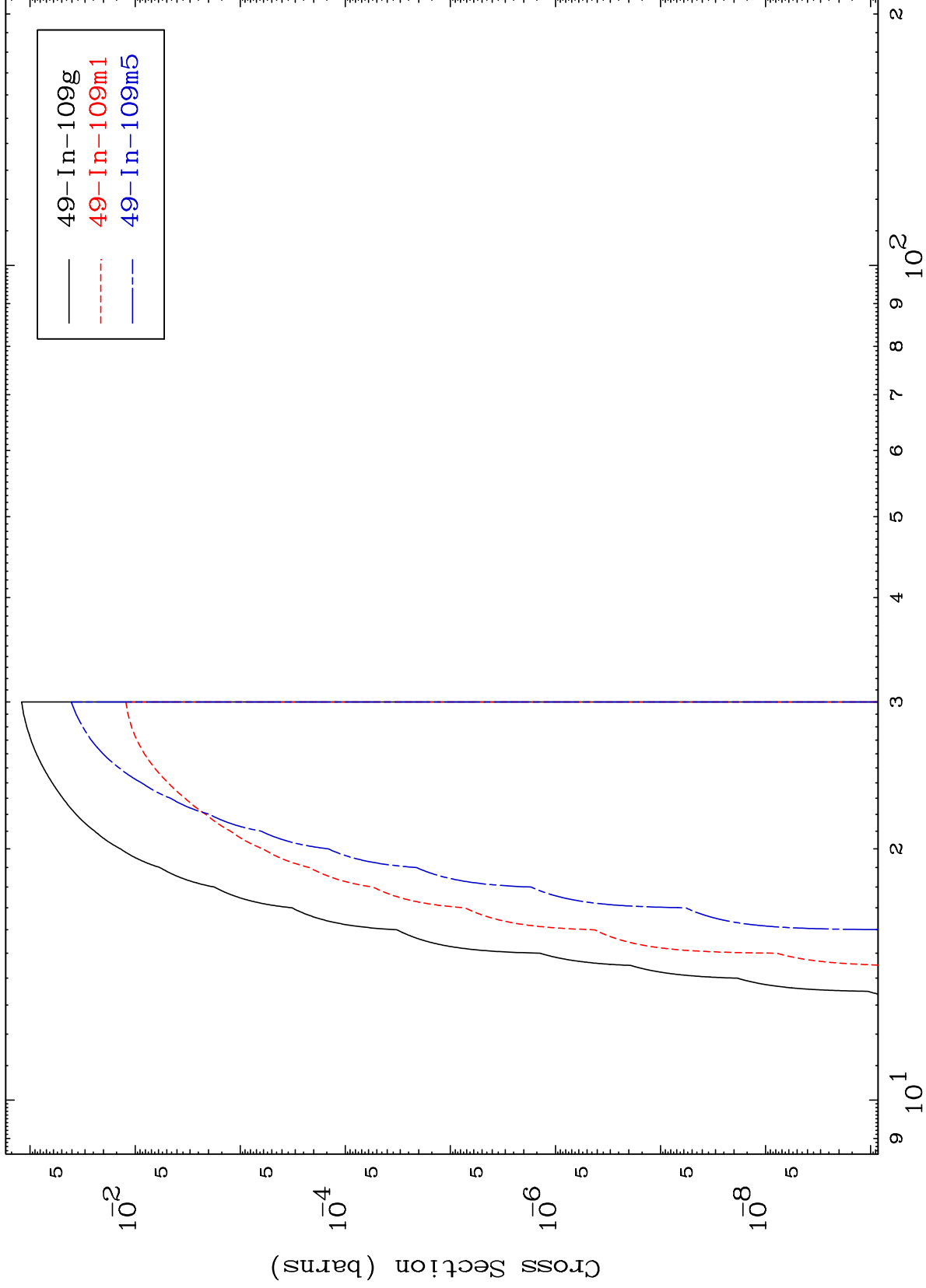
51-Sb-111

MAT 5095

(n,2n) p

51-Sb-111

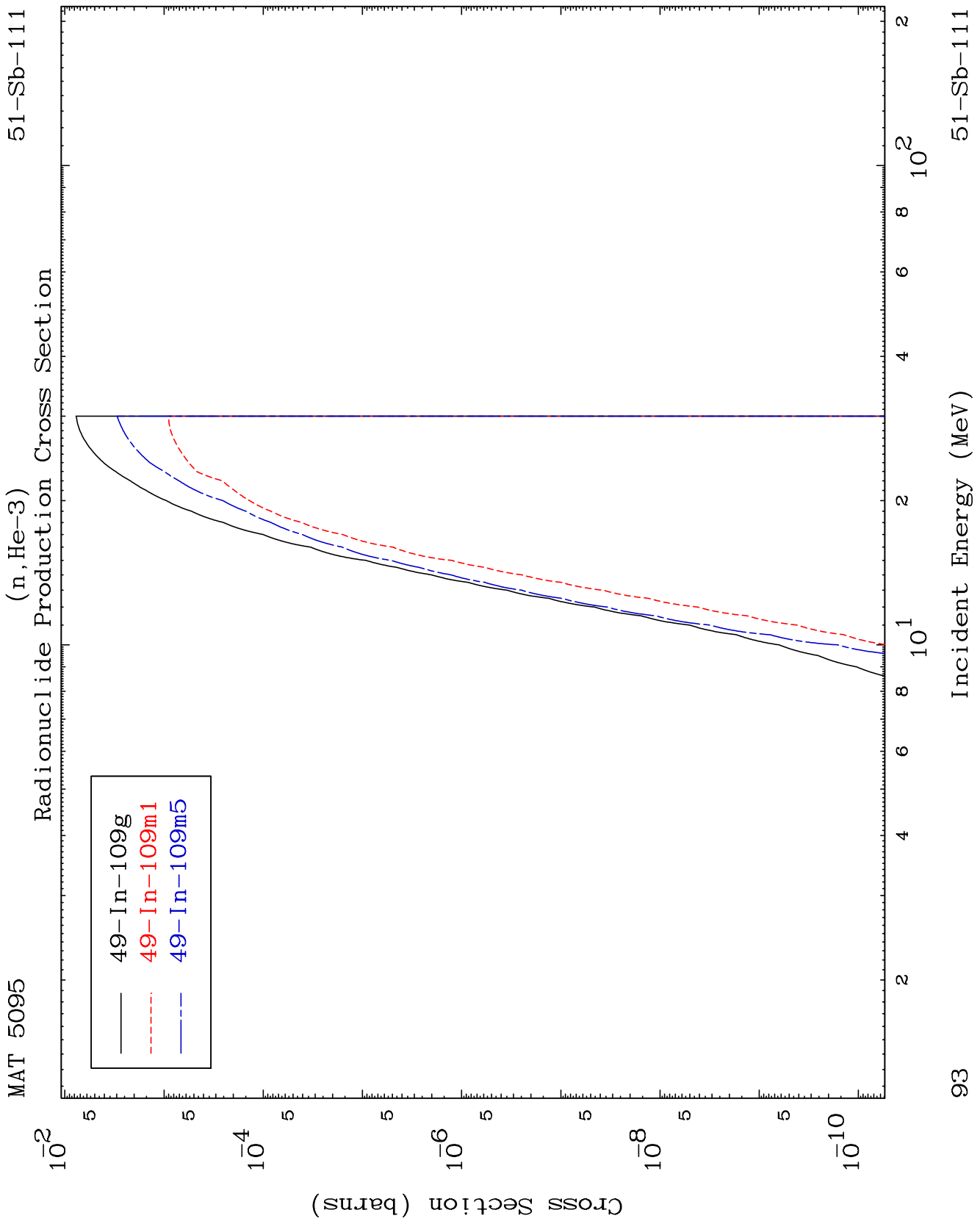
Radionuclide Production Cross Section



92

Incident Energy (MeV)

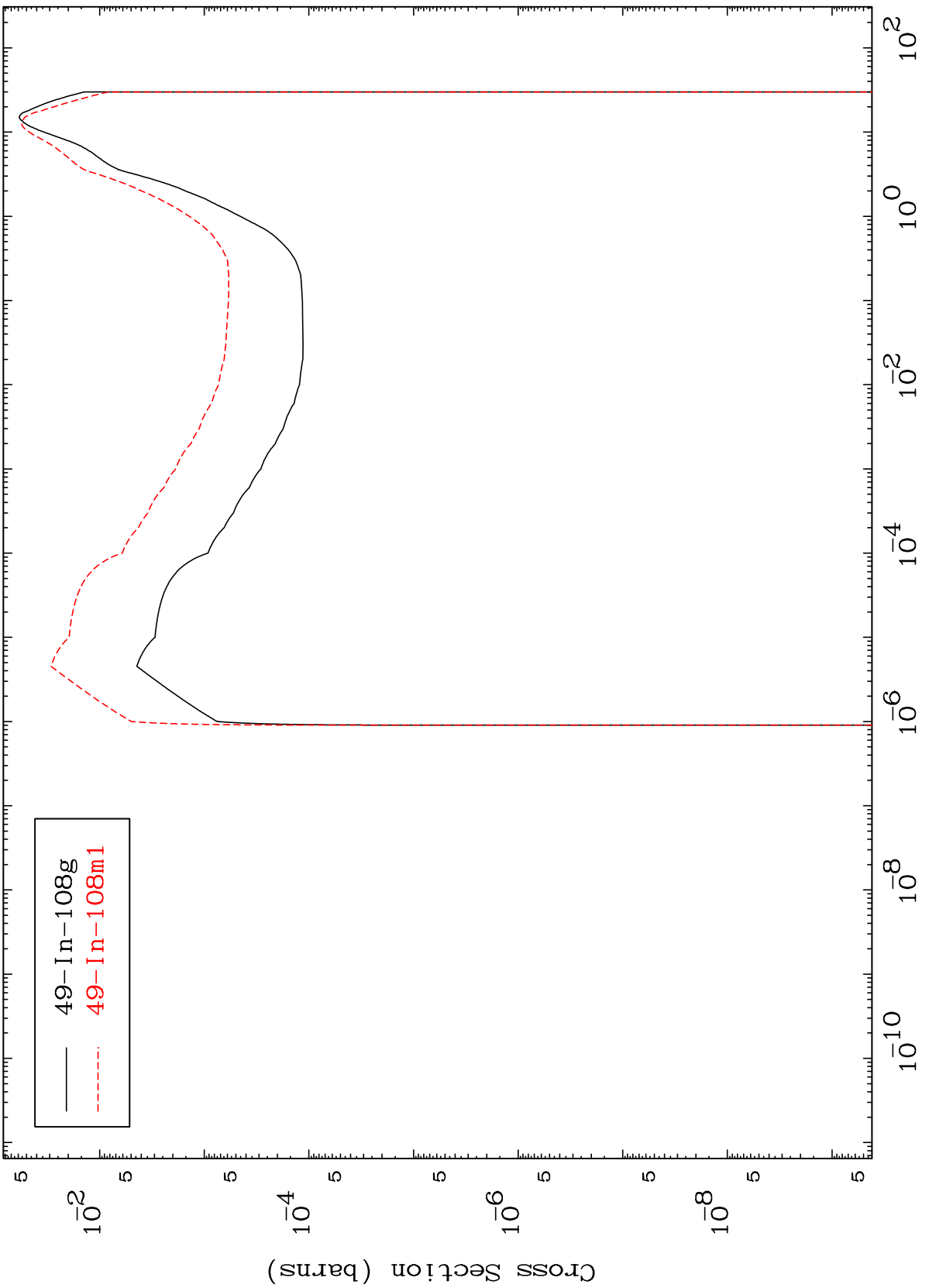
51-Sb-111



MAT 5095

51-Sb-111

Radionuclide Production Cross Section

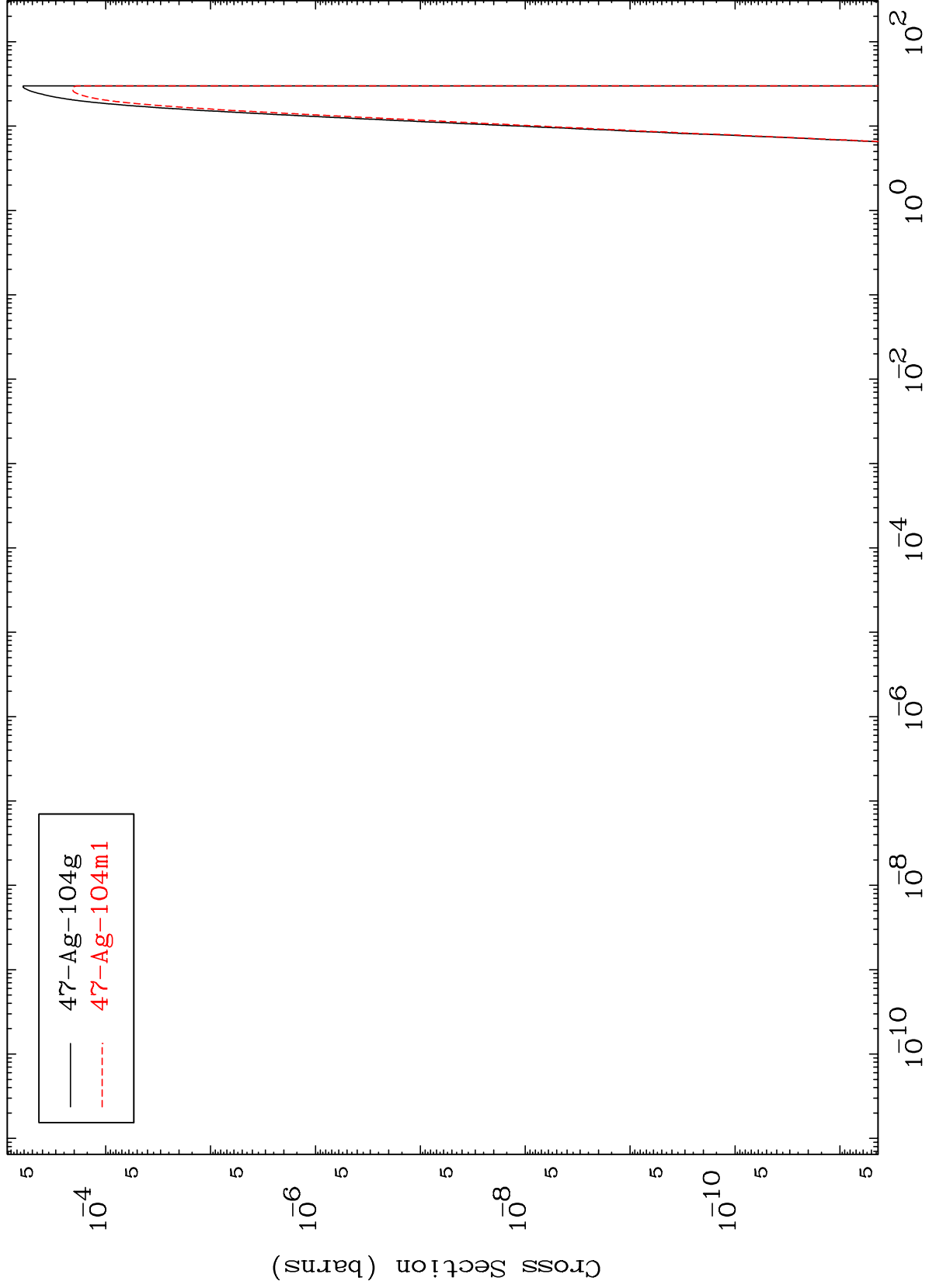


MAT 5095

(n,2α)

51-Sb-111

Radionuclide Production Cross Section



— 47-Ag-104g
- - - 47-Ag-104m1

95

Incident Energy (MeV)

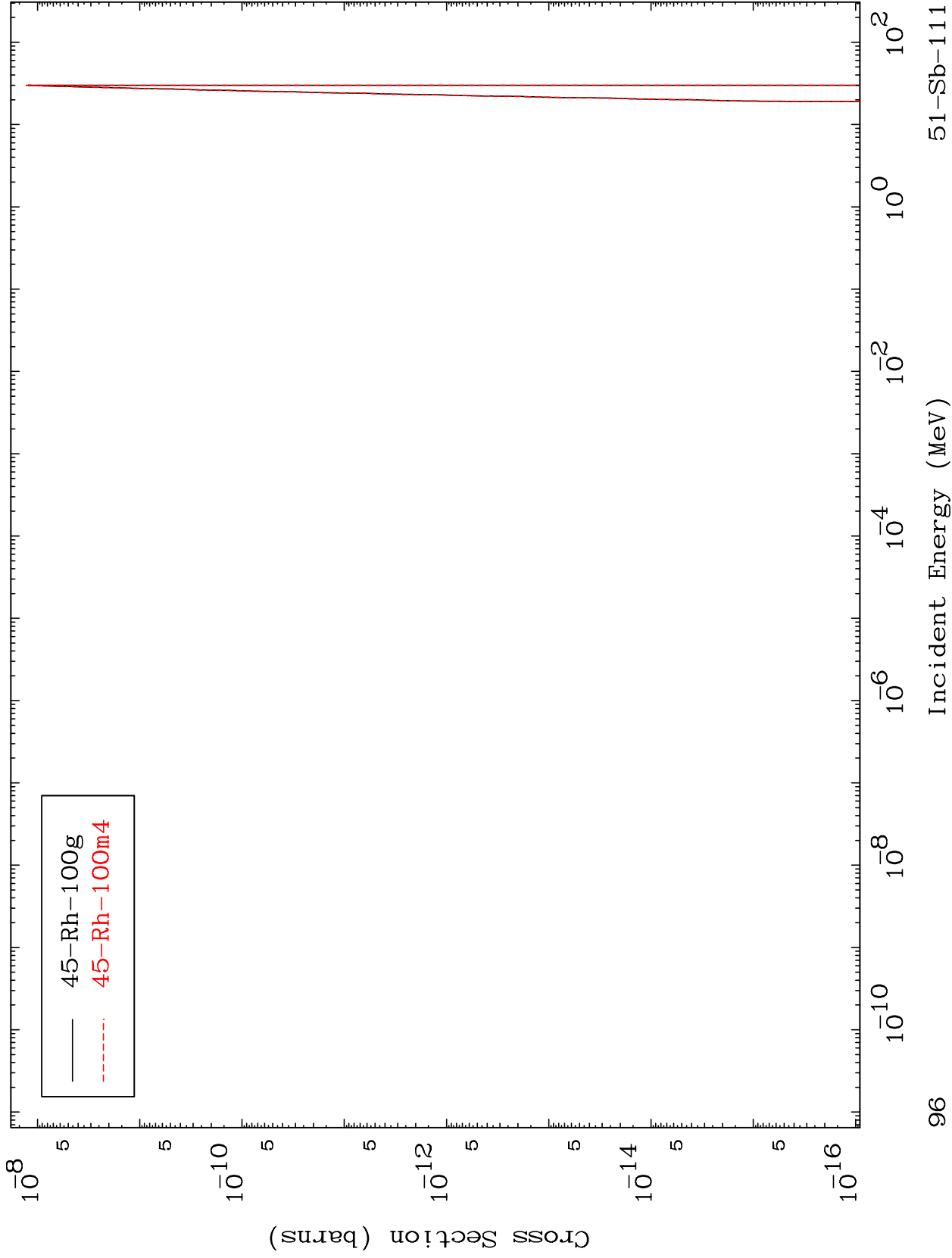
51-Sb-111

MAT 5095

(n,3 α)

51-Sb-111

Radionuclide Production Cross Section

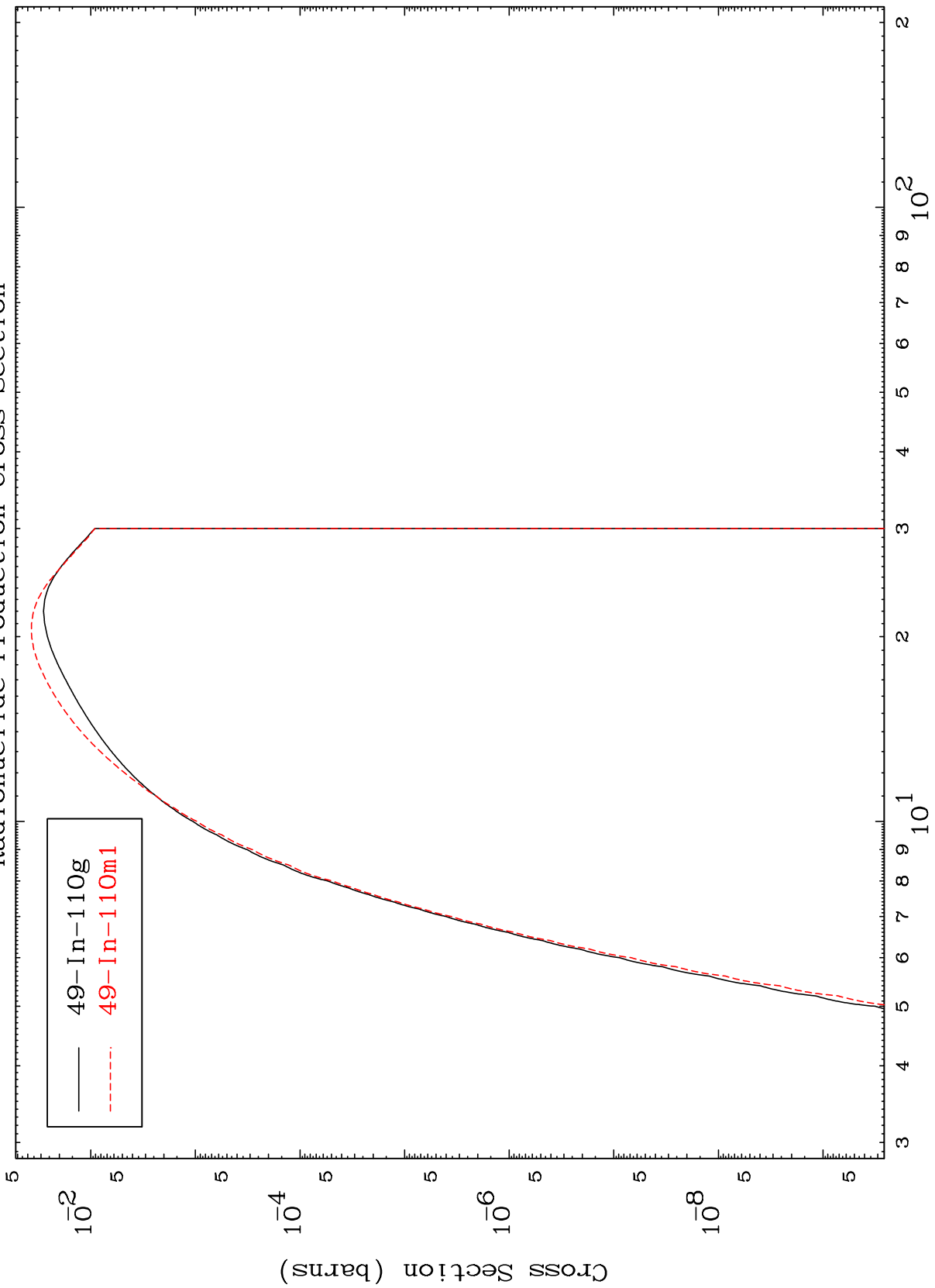


96

MAT 5095

51-Sb-111

(n,2p)
Radionuclide Production Cross Section



— 49-In-110g
- - - 49-In-110m1

51-Sb-111

Incident Energy (MeV)

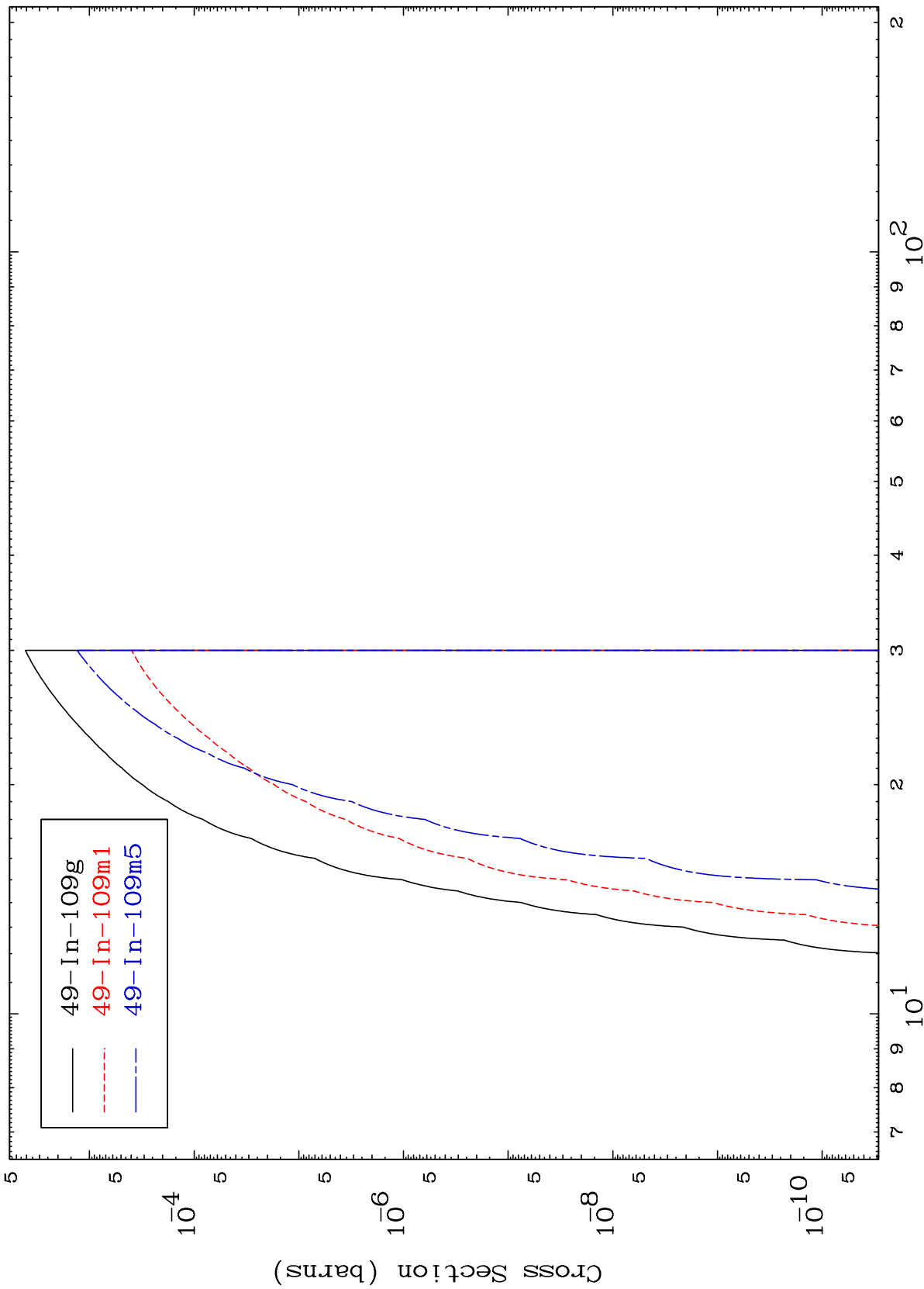
97

MAT 5095

(n,p) d

51-Sb-111

Radionuclide Production Cross Section



98

Incident Energy (MeV)

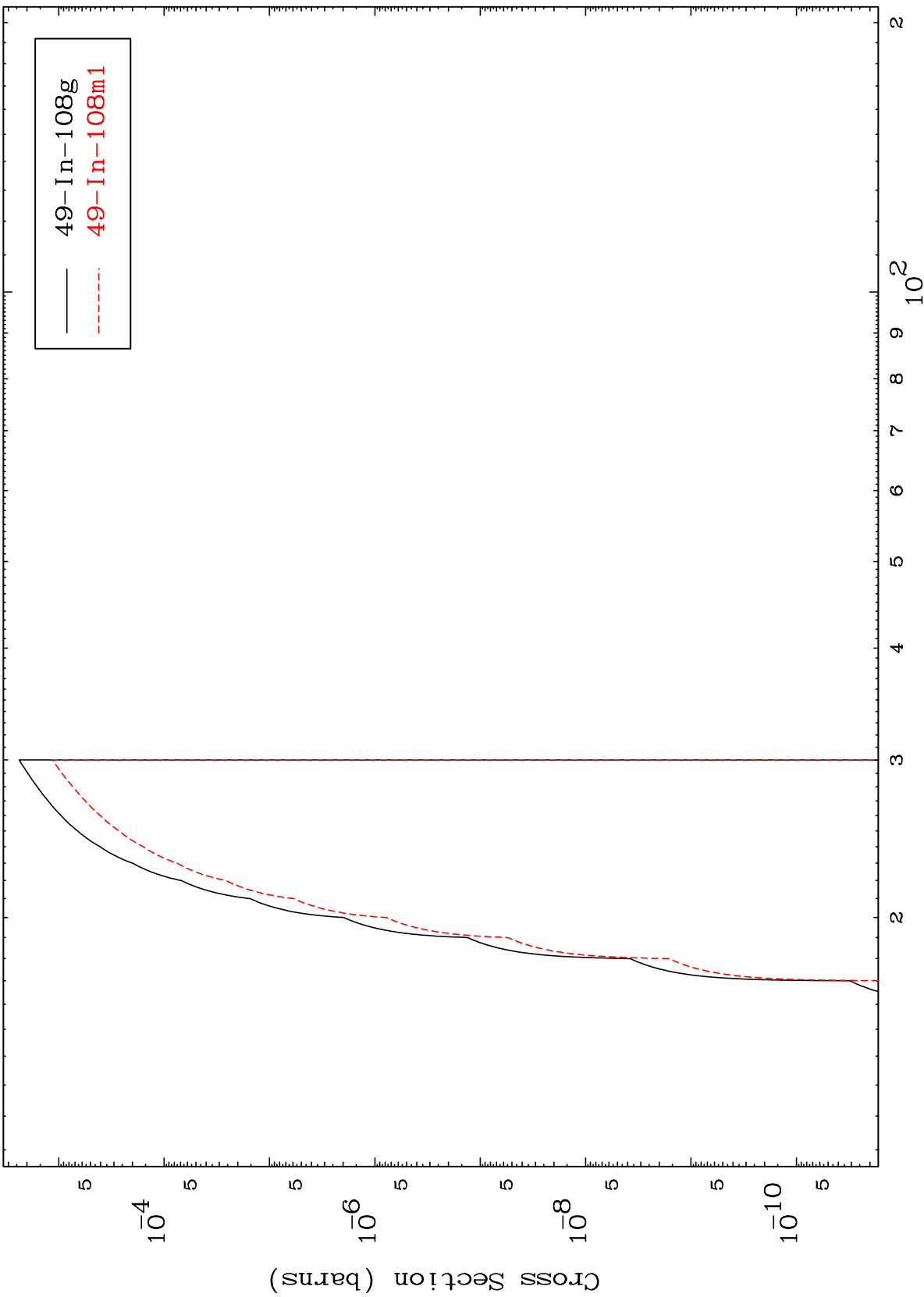
51-Sb-111

MAT 5095

(n,p) t

51-Sb-111

Radionuclide Production Cross Section



99

Incident Energy (MeV)

51-Sb-111