

Program EVALPLOT
(Version 2021-1)

by

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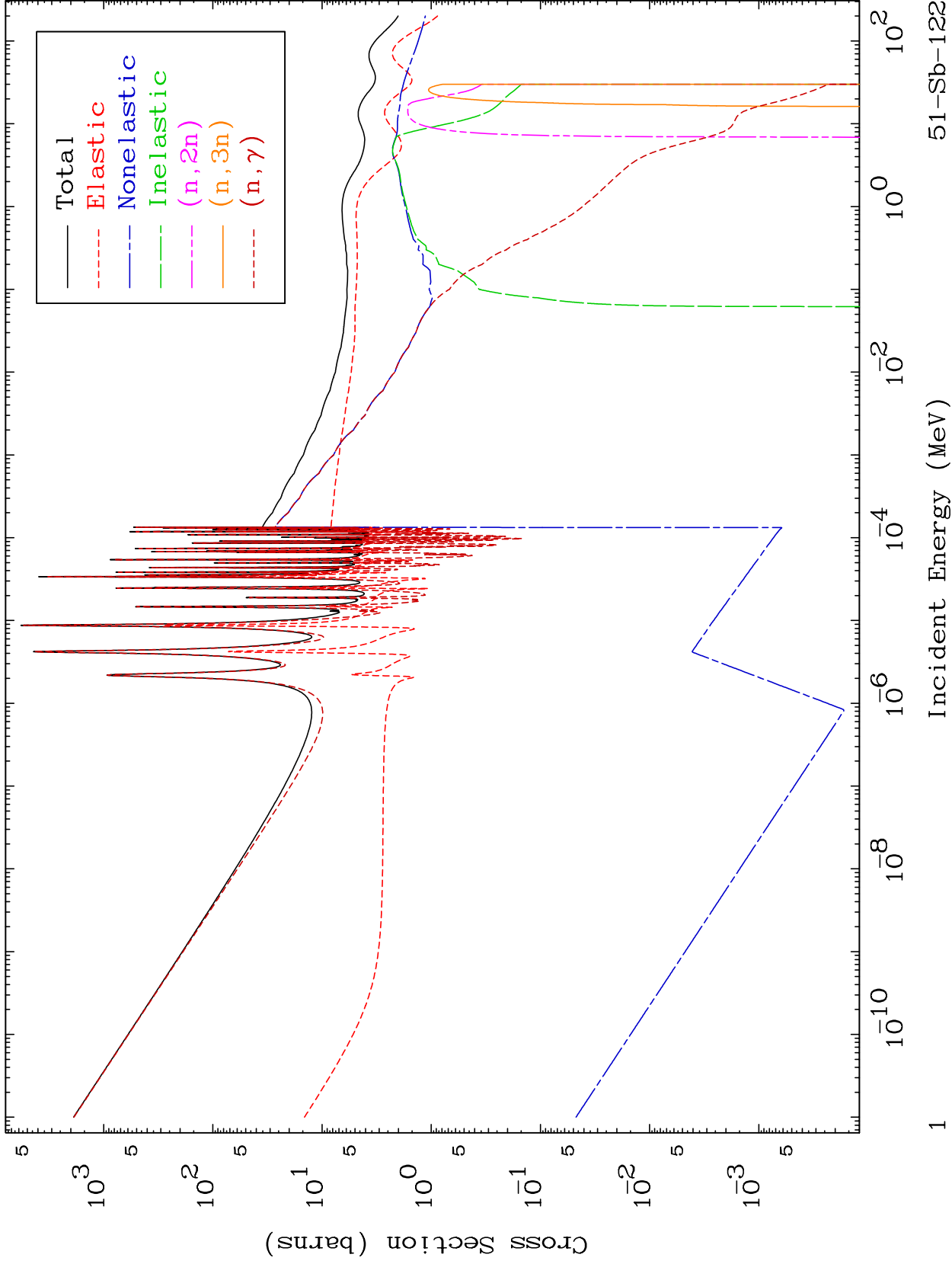
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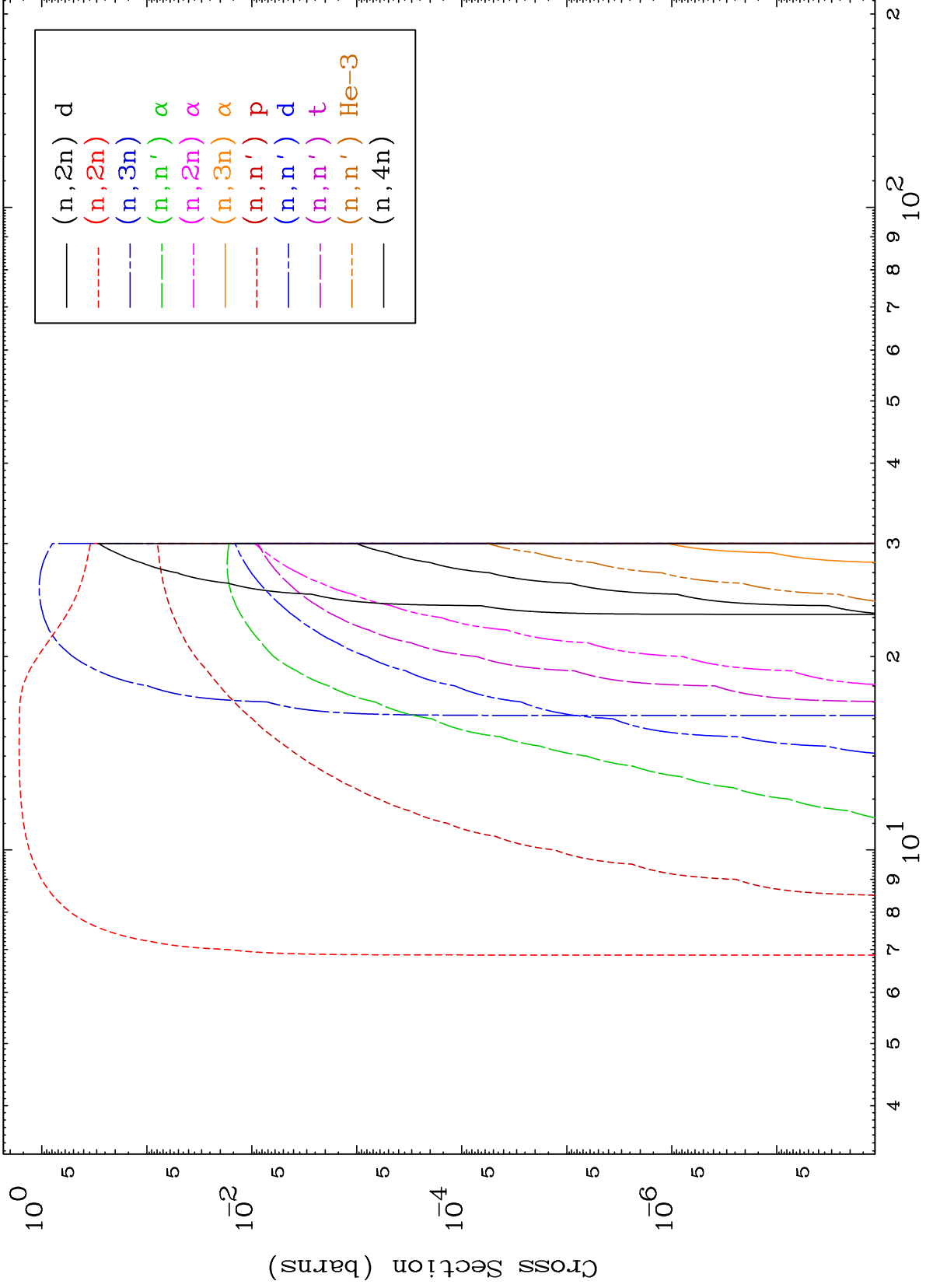
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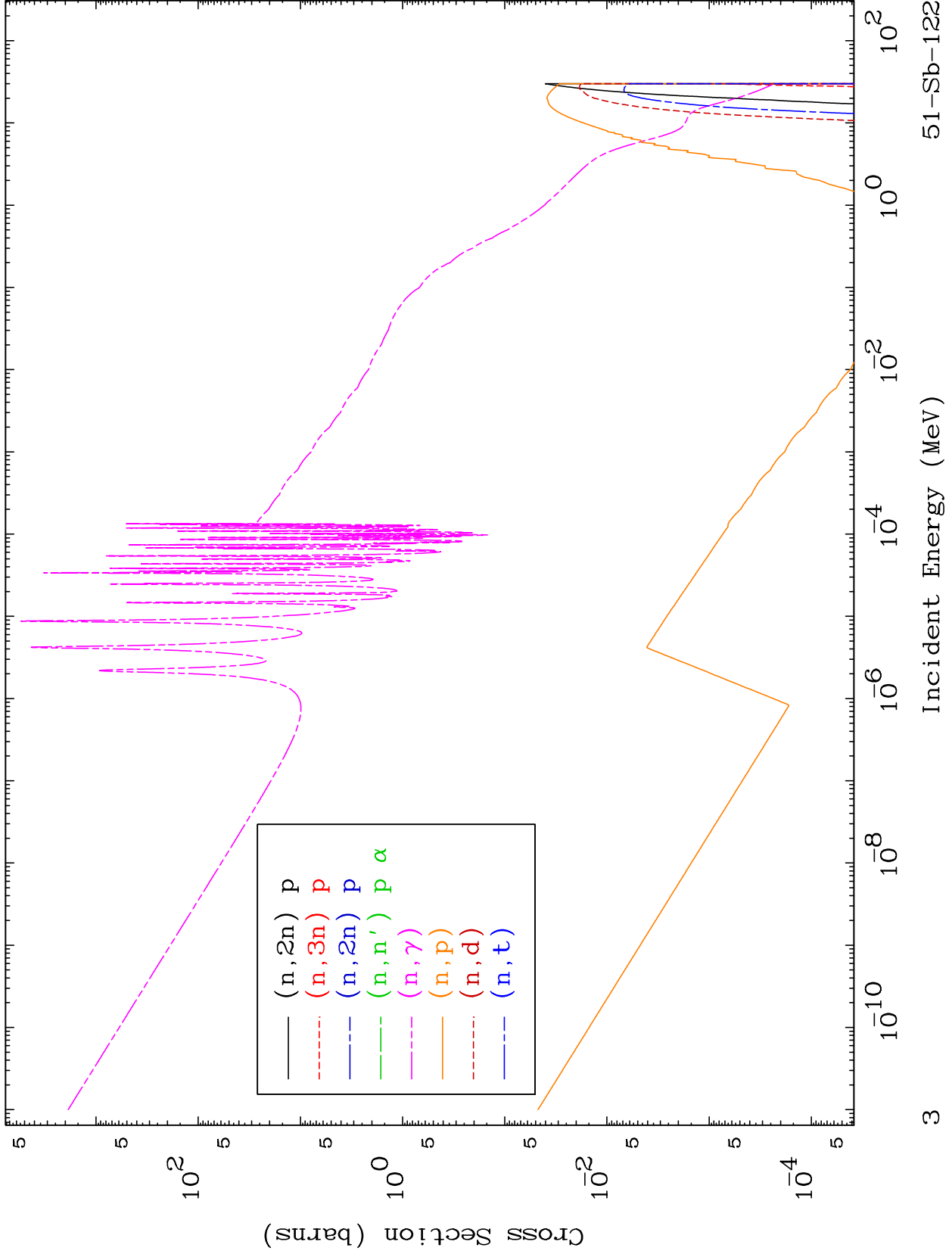
MAT 5128

Neutron Major
293 Kelvin Cross Sections

51-Sb-122



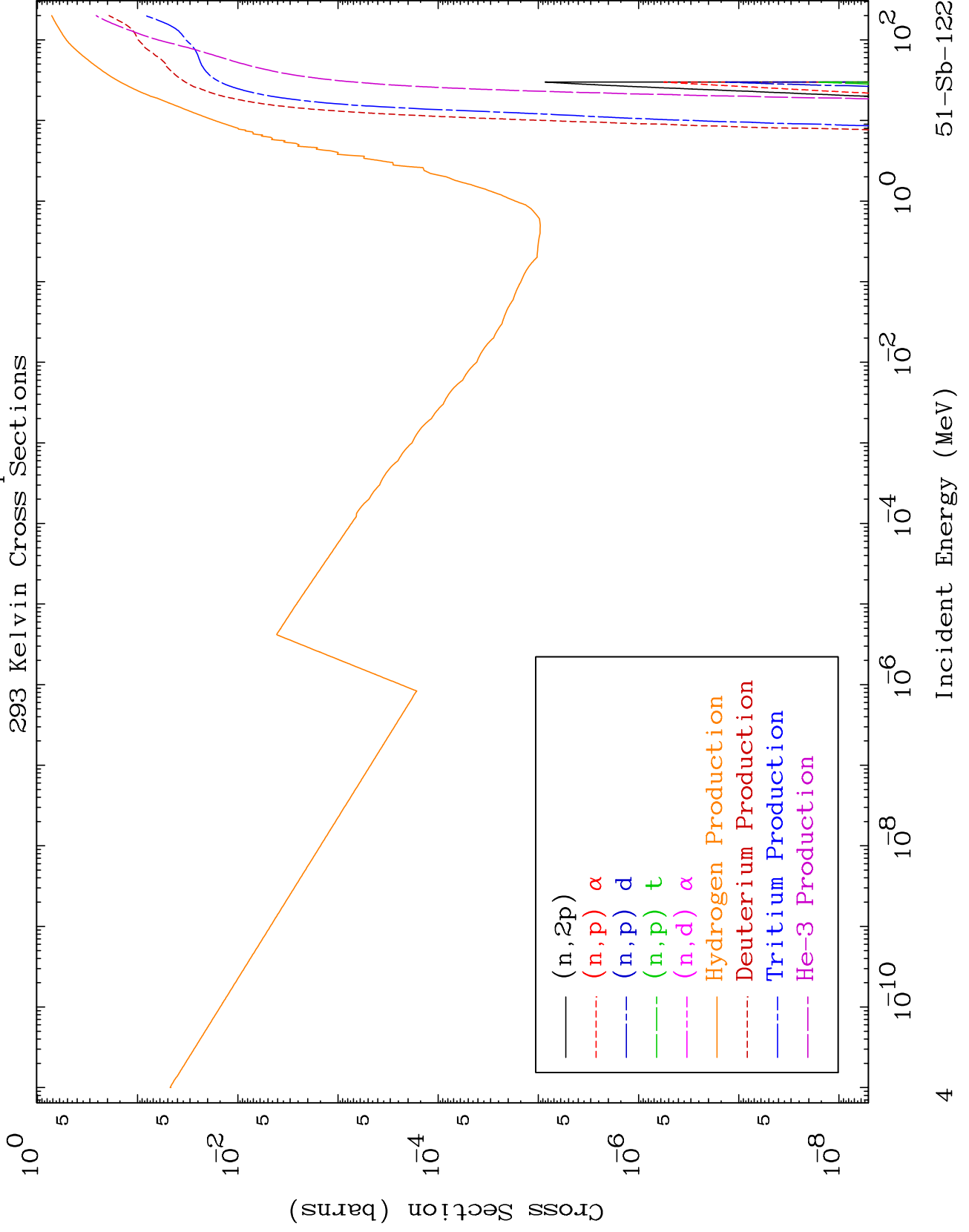


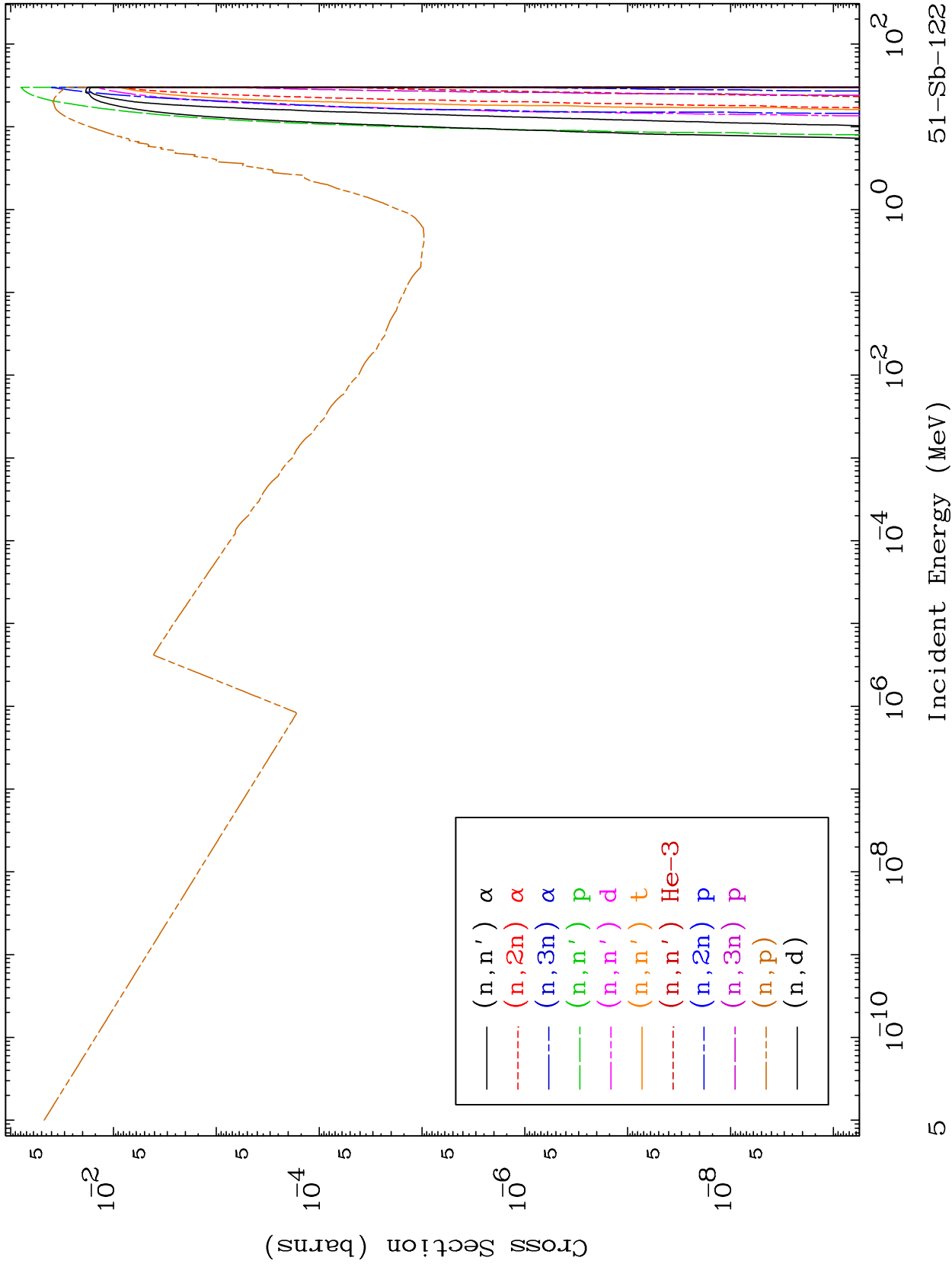


MAT 5128

Neutron Absorption
293 Kelvin Cross Sections

51-Sb-122

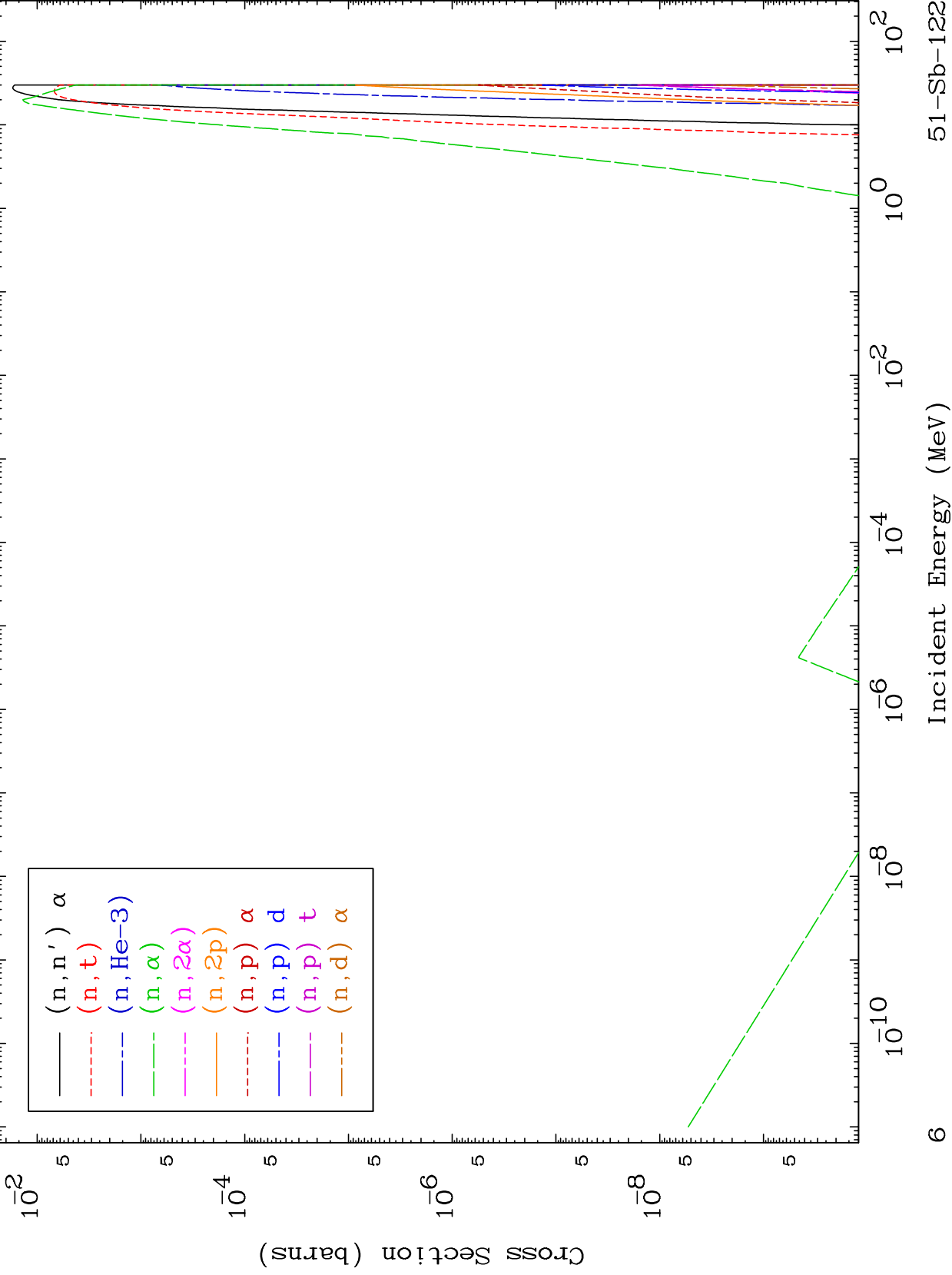




MAT 5128

Charged Particle
293 Kelvin Cross Sections

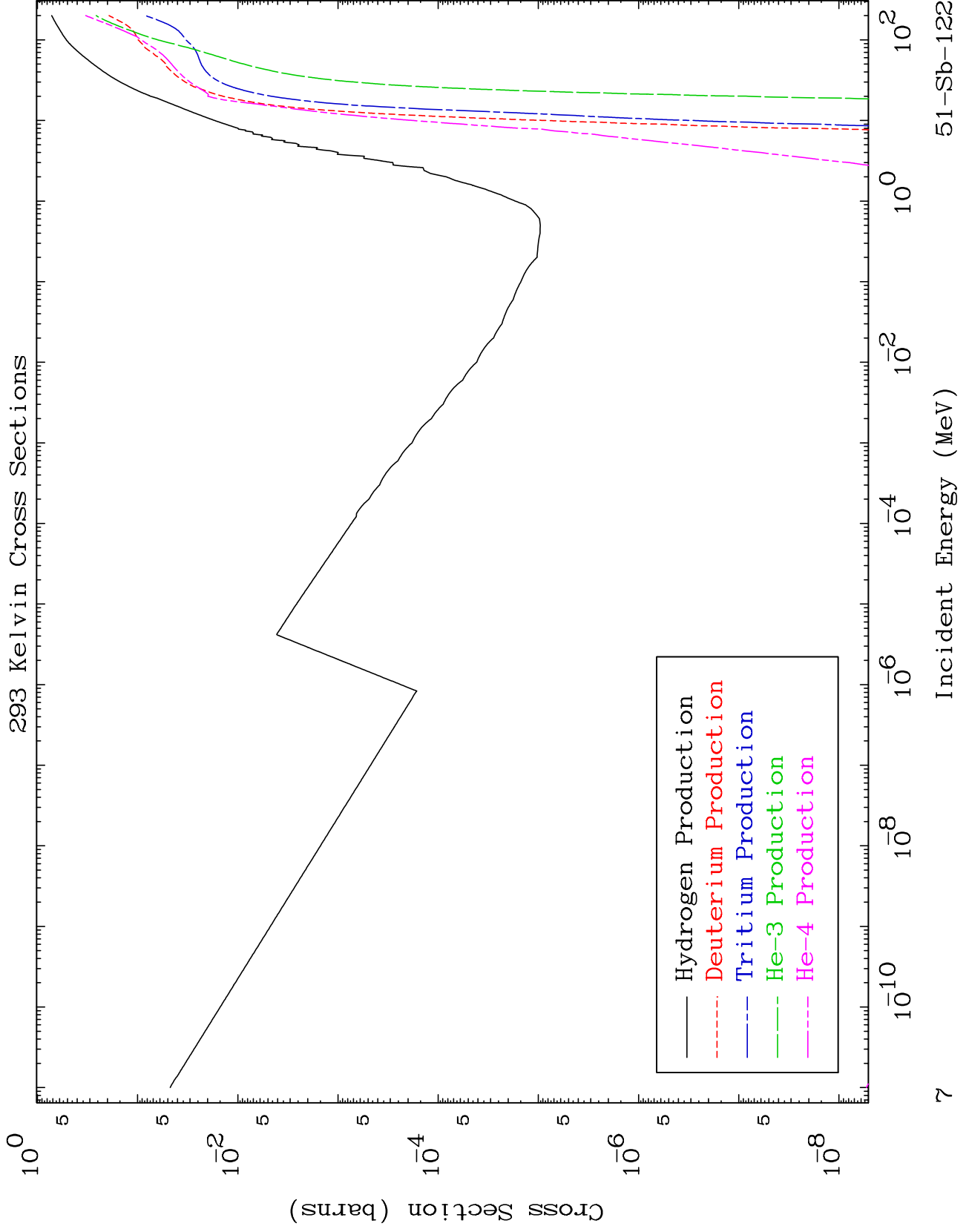
51-Sb-122



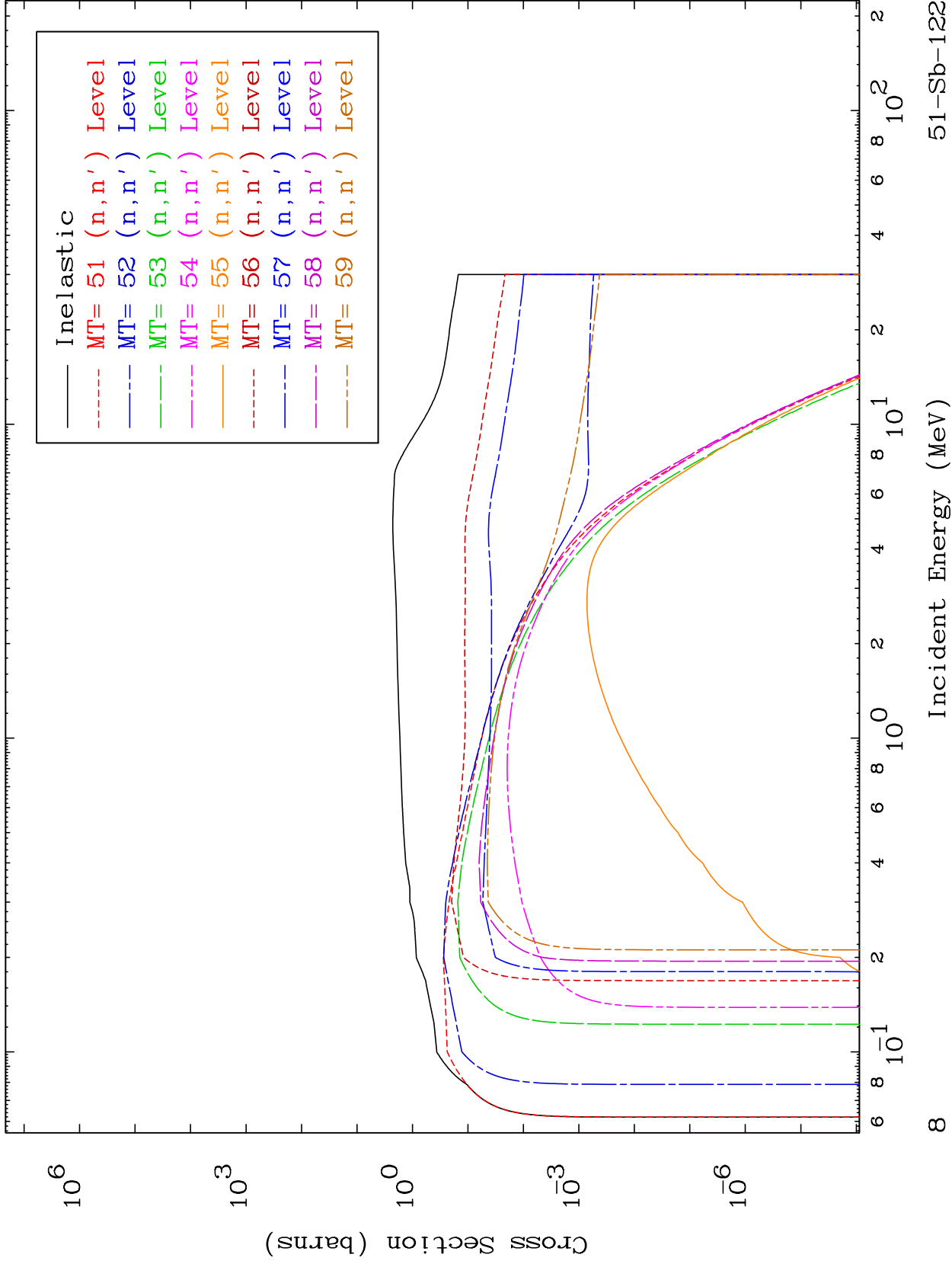
MAT 5128

Particle Production
293 Kelvin Cross Sections

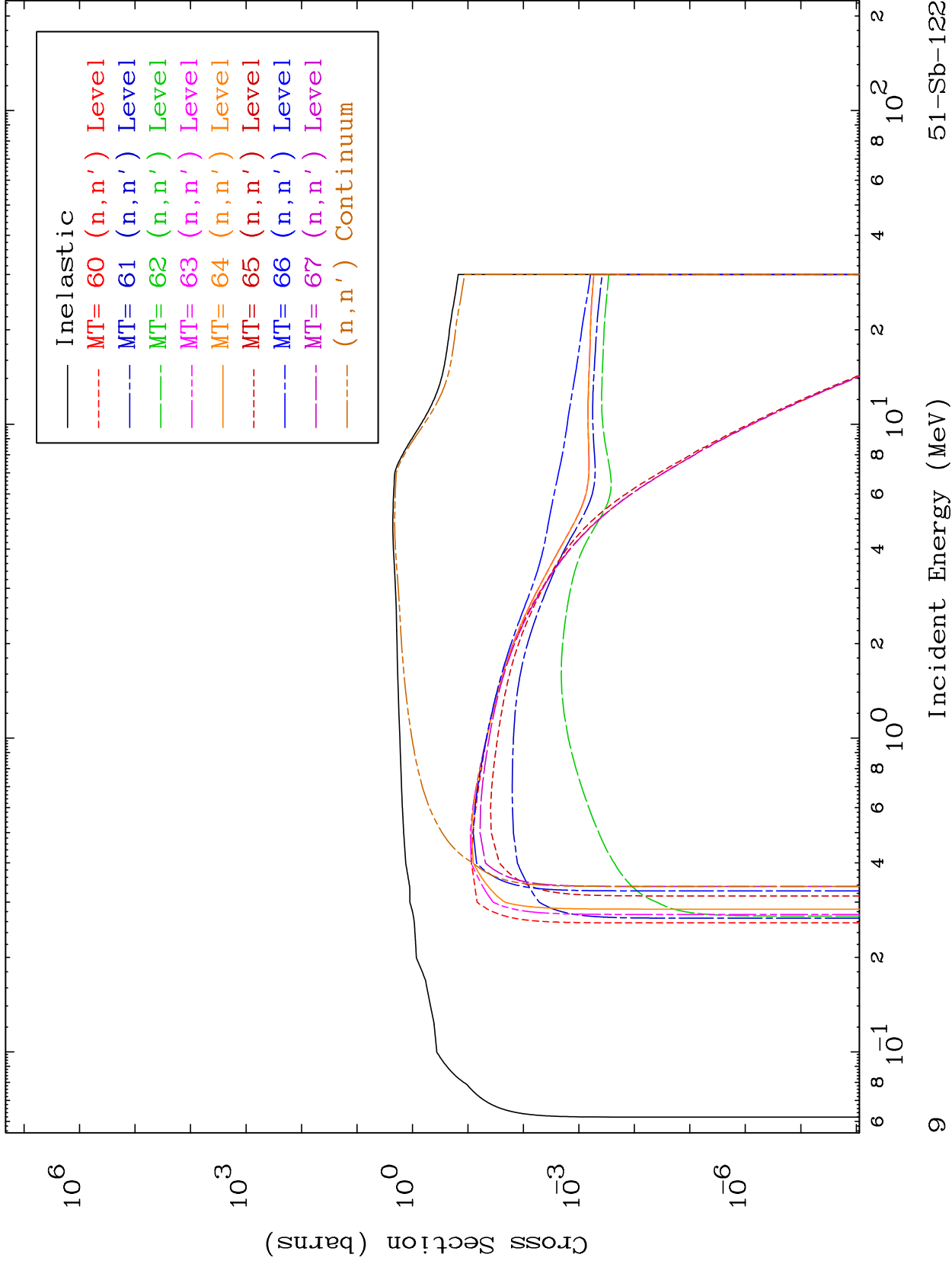
51-Sb-122



293 Kelvin Cross Sections



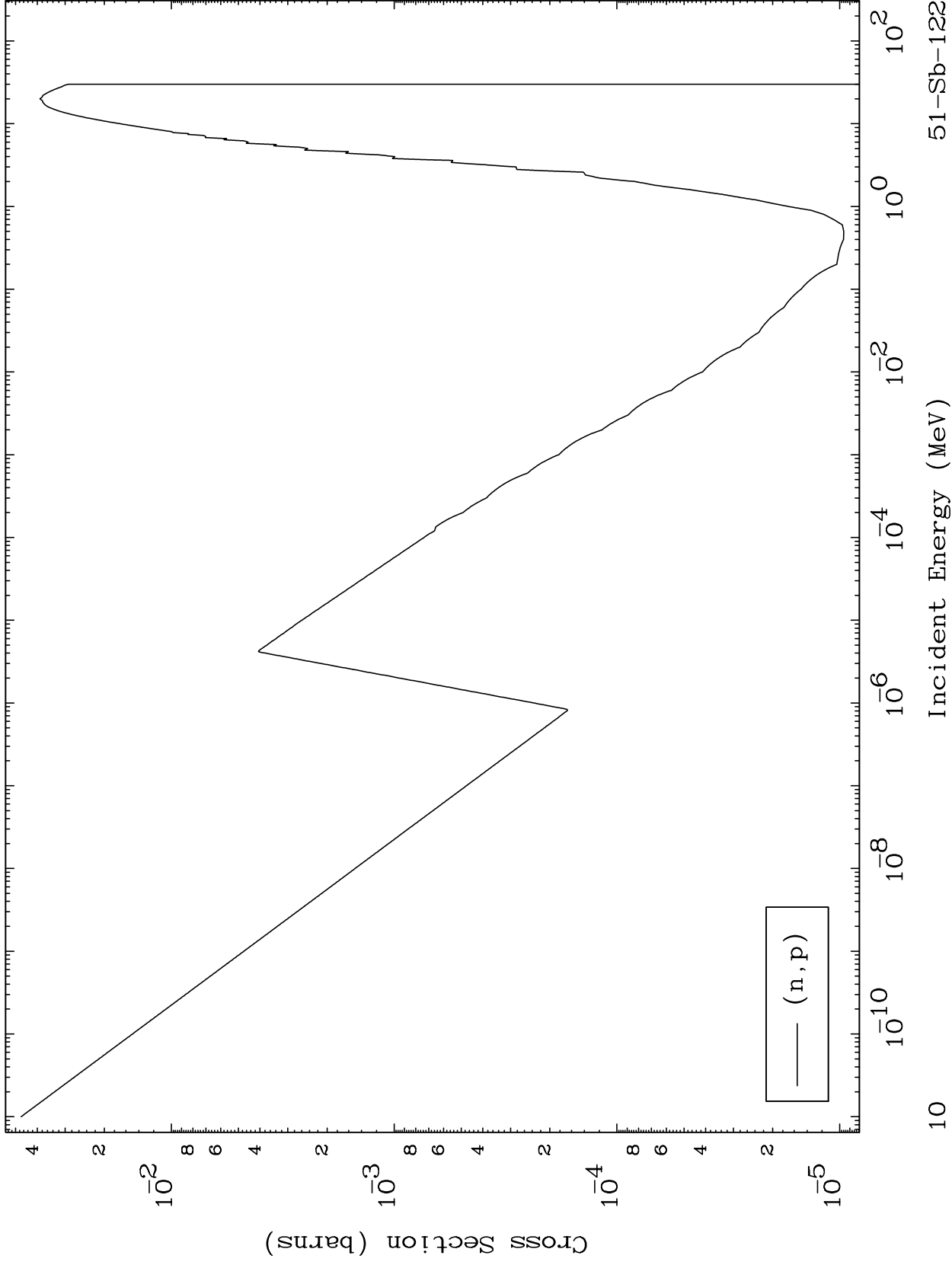
293 Kelvin Cross Sections



MAT 5128

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-122



10

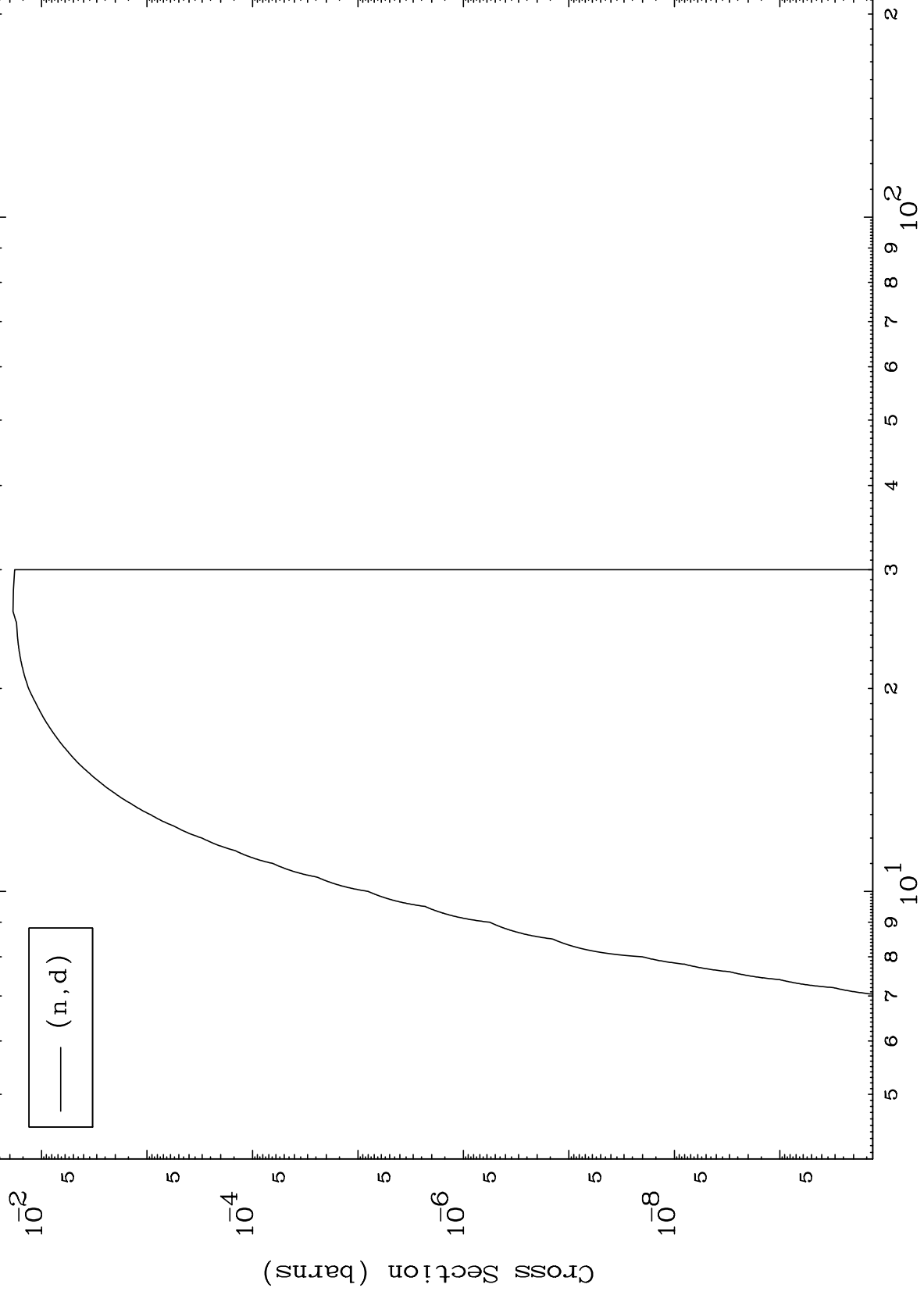
Incident Energy (MeV)

51-Sb-122

MAT 5128

(n,d) Levels
293 Kelvin Cross Sections

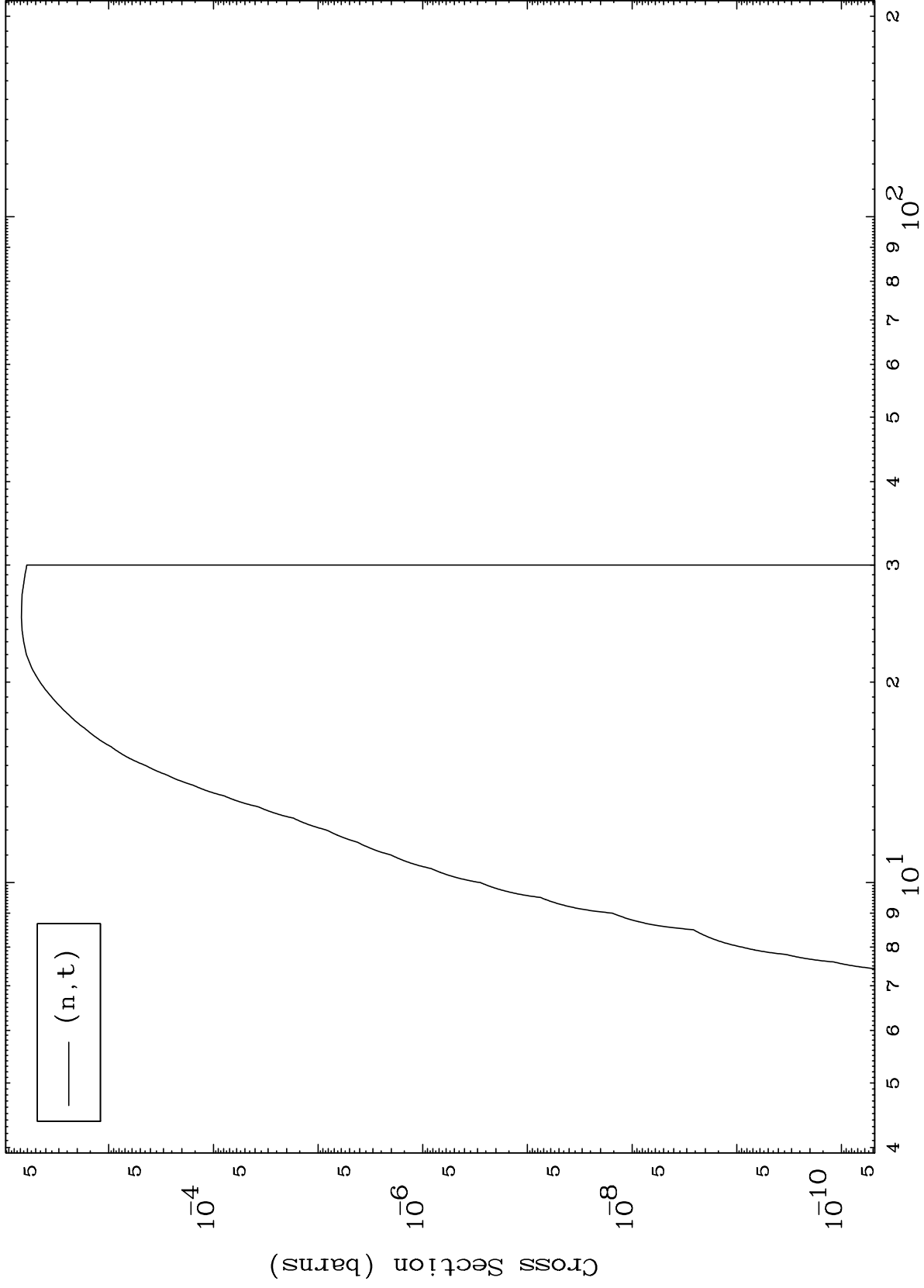
51-Sb-122



MAT 5128

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-122



(n,t)

12

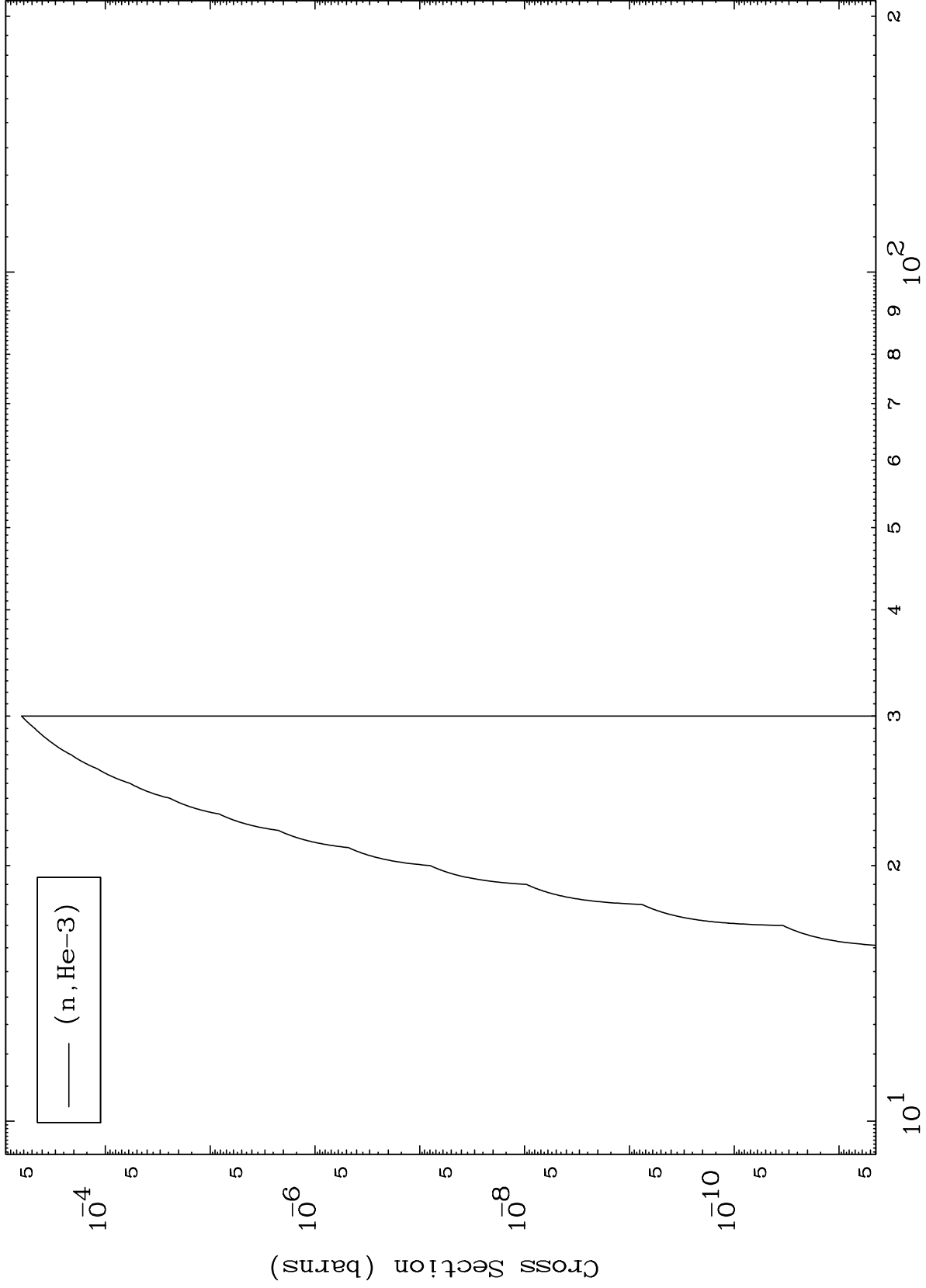
Incident Energy (MeV)

51-Sb-122

MAT 5128

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-122



13

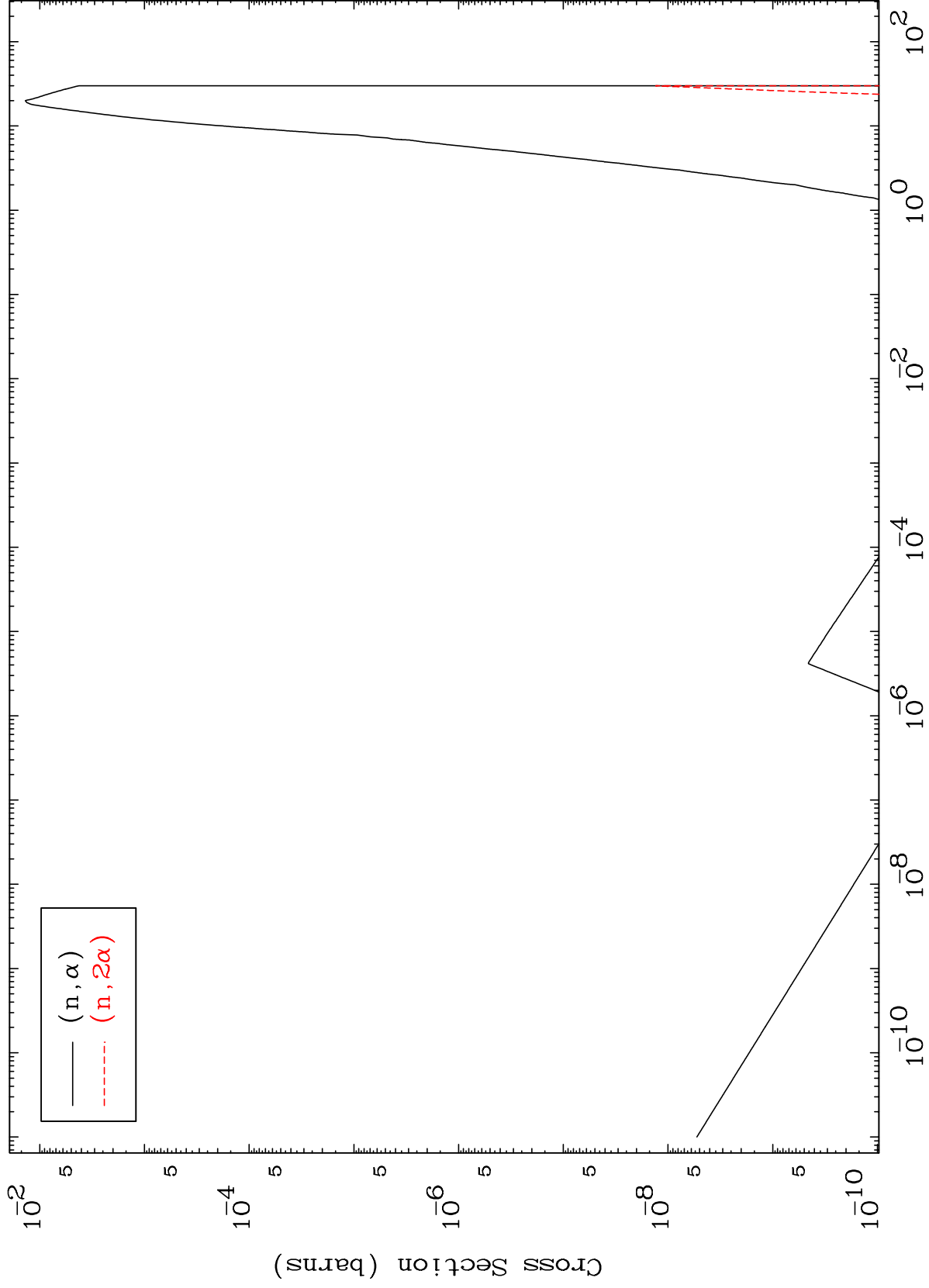
Incident Energy (MeV)

51-Sb-122

MAT 5128

(n, α) Levels
293 Kelvin Cross Sections

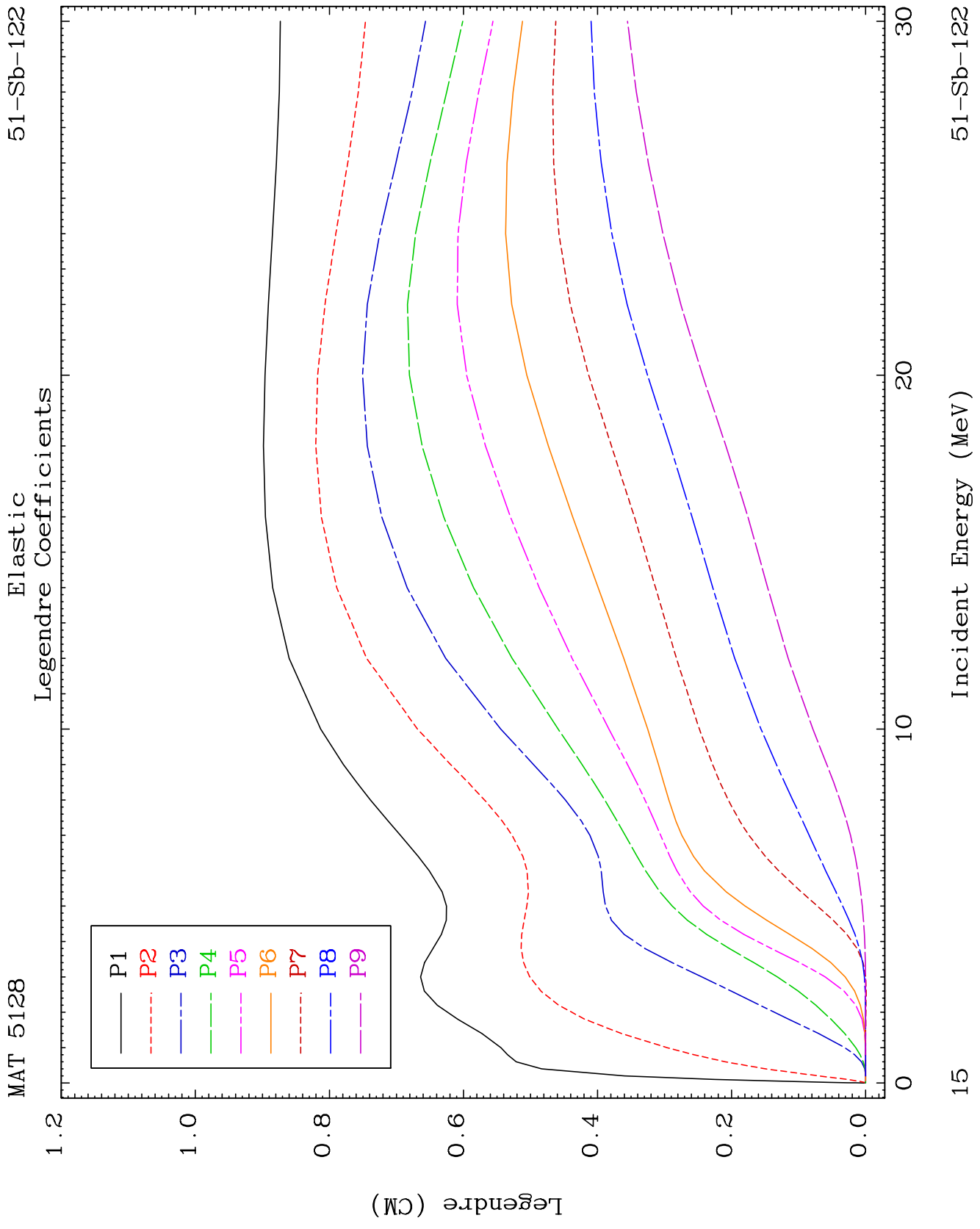
51-Sb-122



14

Incident Energy (MeV)

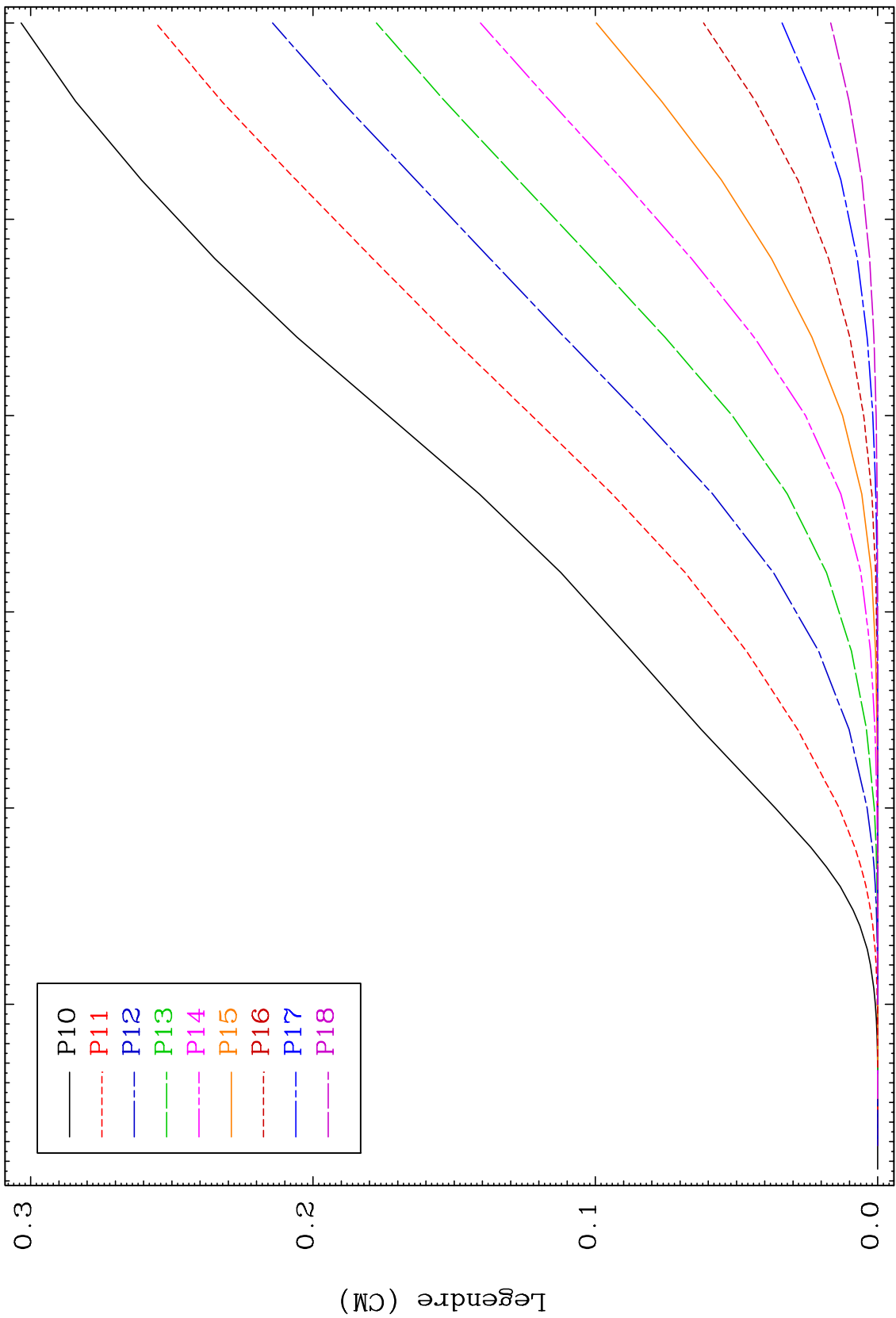
51-Sb-122



MAT 5128

Elastic Legendre Coefficients

51-Sb-122



16

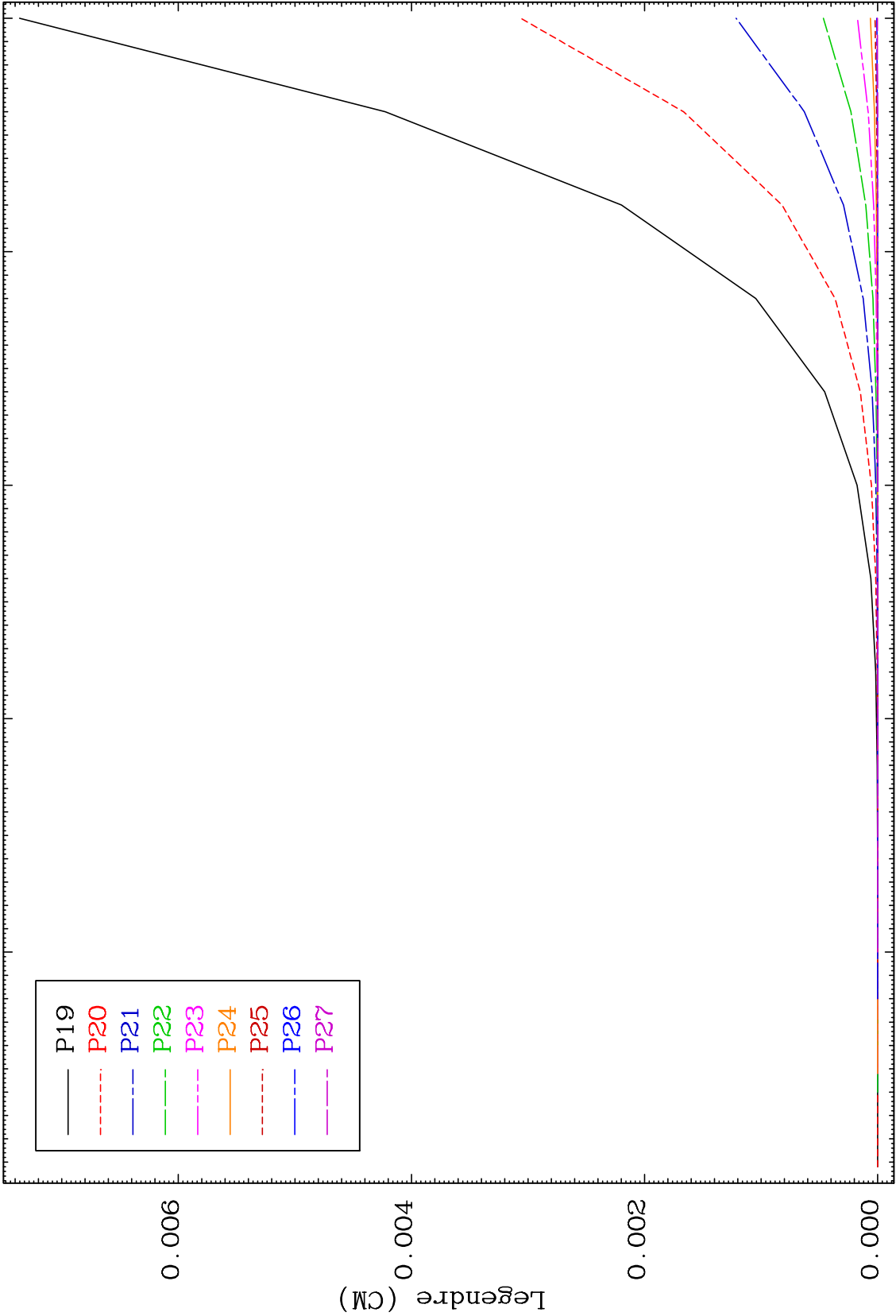
Incident Energy (MeV)

51-Sb-122

MAT 5128

Elastic Legendre Coefficients

51-Sb-122



17

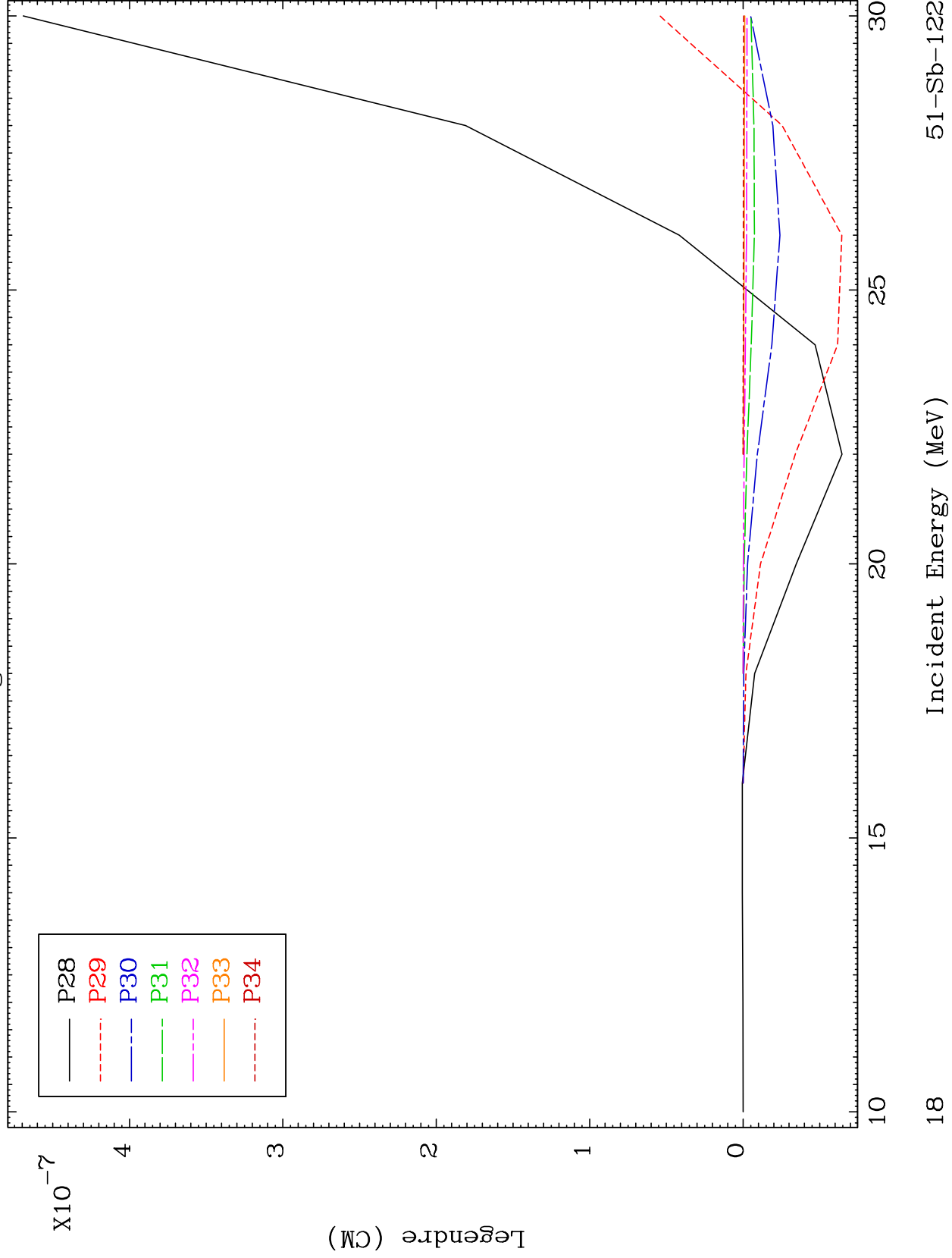
Incident Energy (MeV)

51-Sb-122

MAT 5128

Elastic Legendre Coefficients

51-Sb-122



18

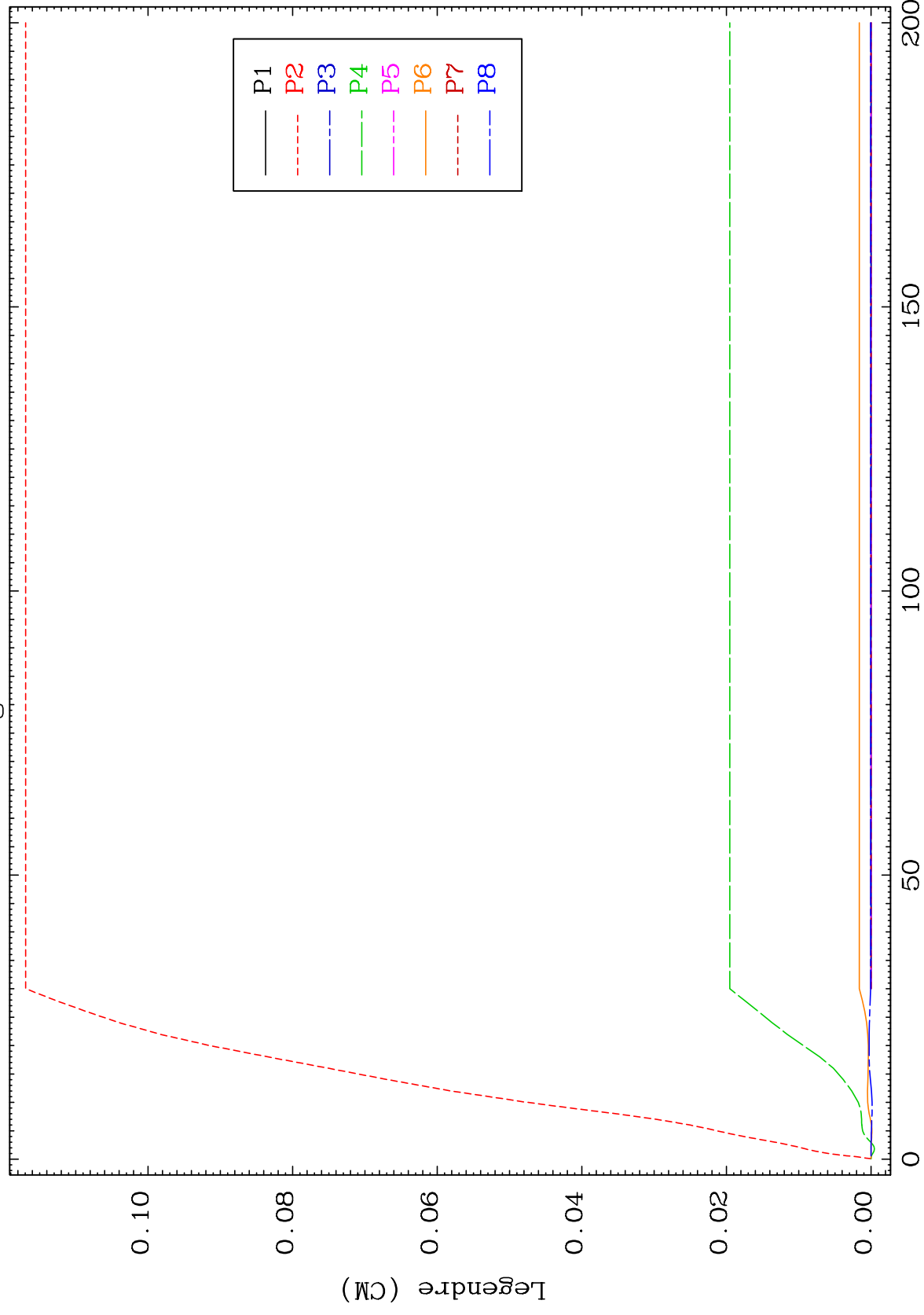
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

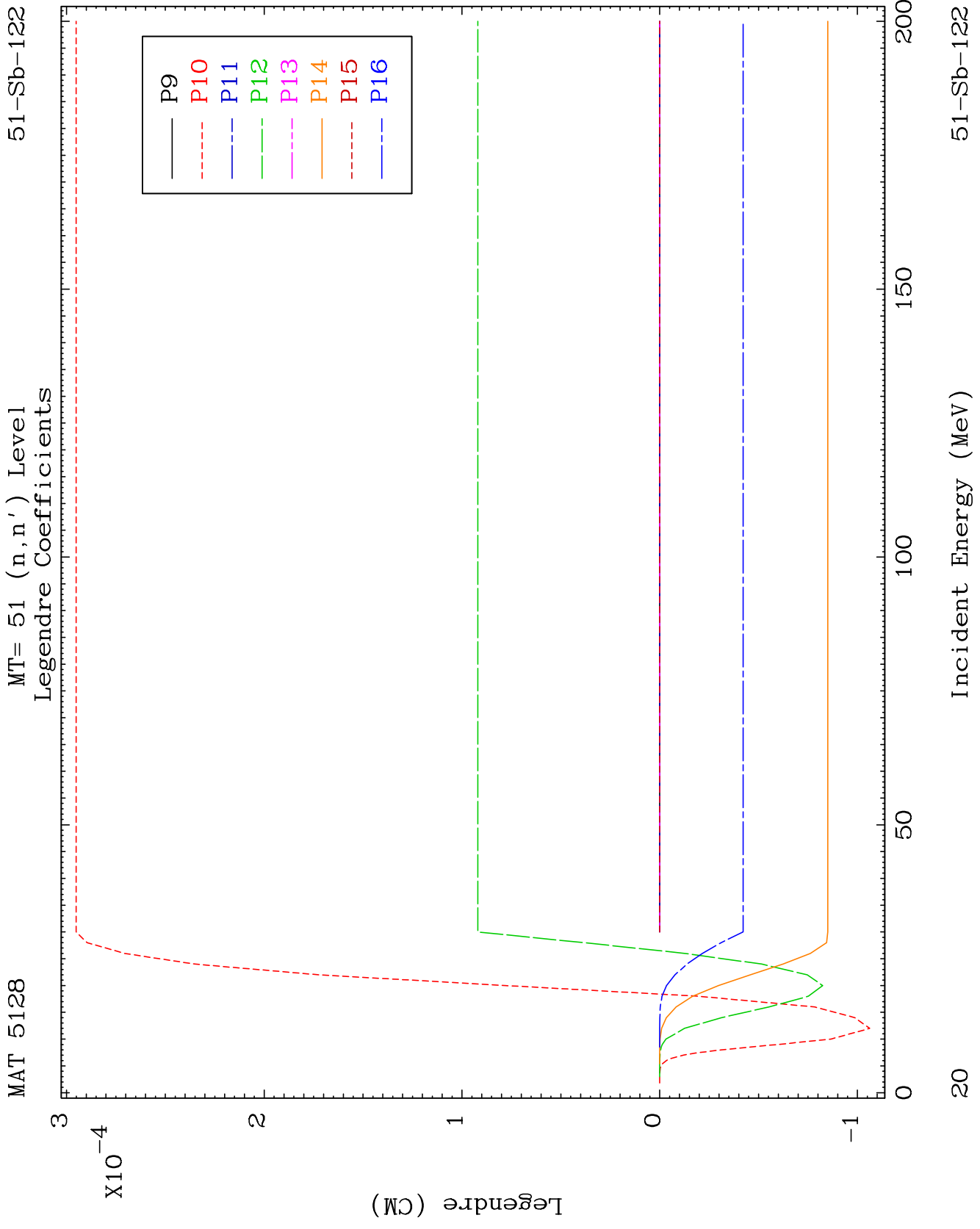
51-Sb-122



51-Sb-122

Incident Energy (MeV)

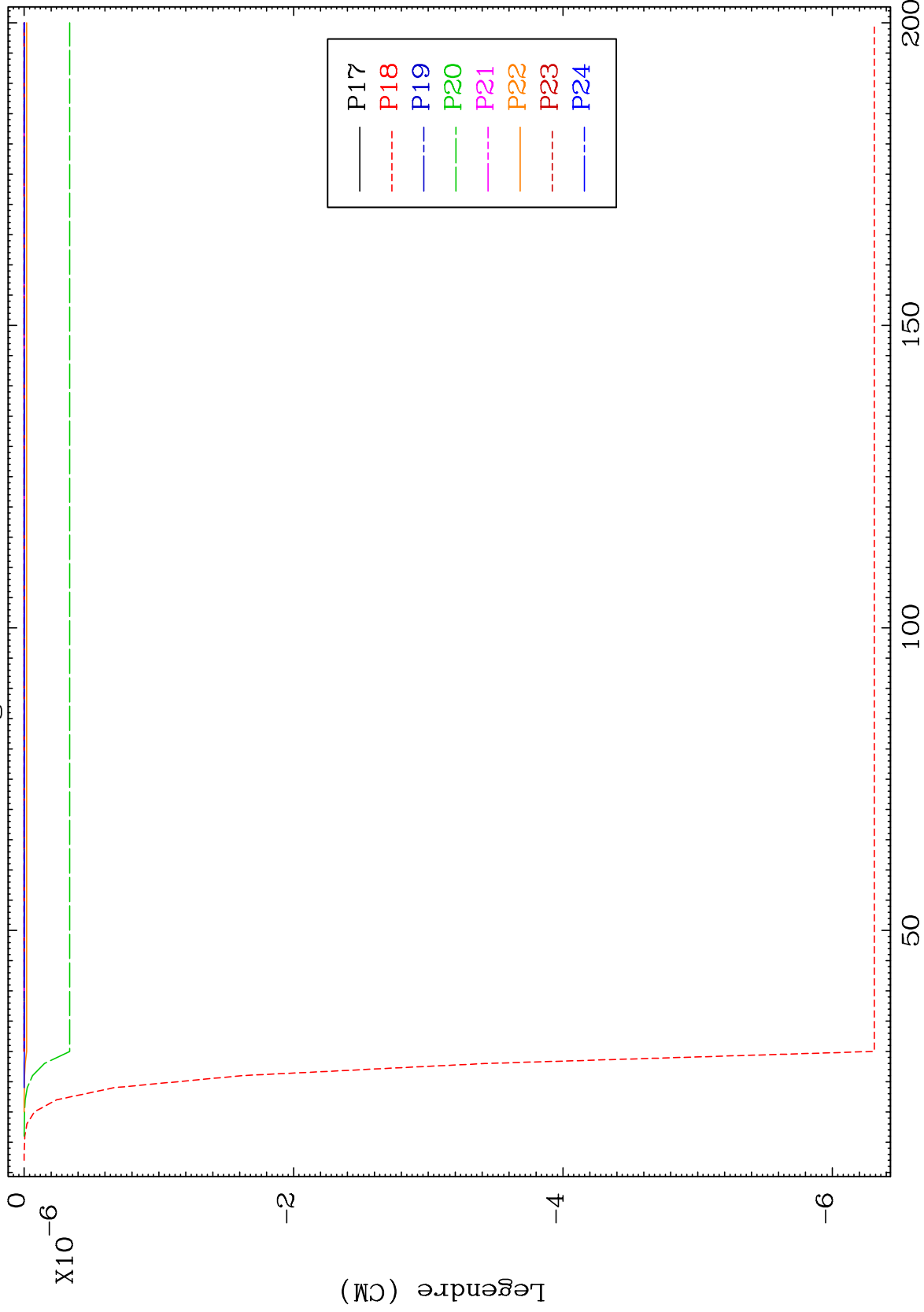
19



MAT 5128

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

51-Sb-122



21

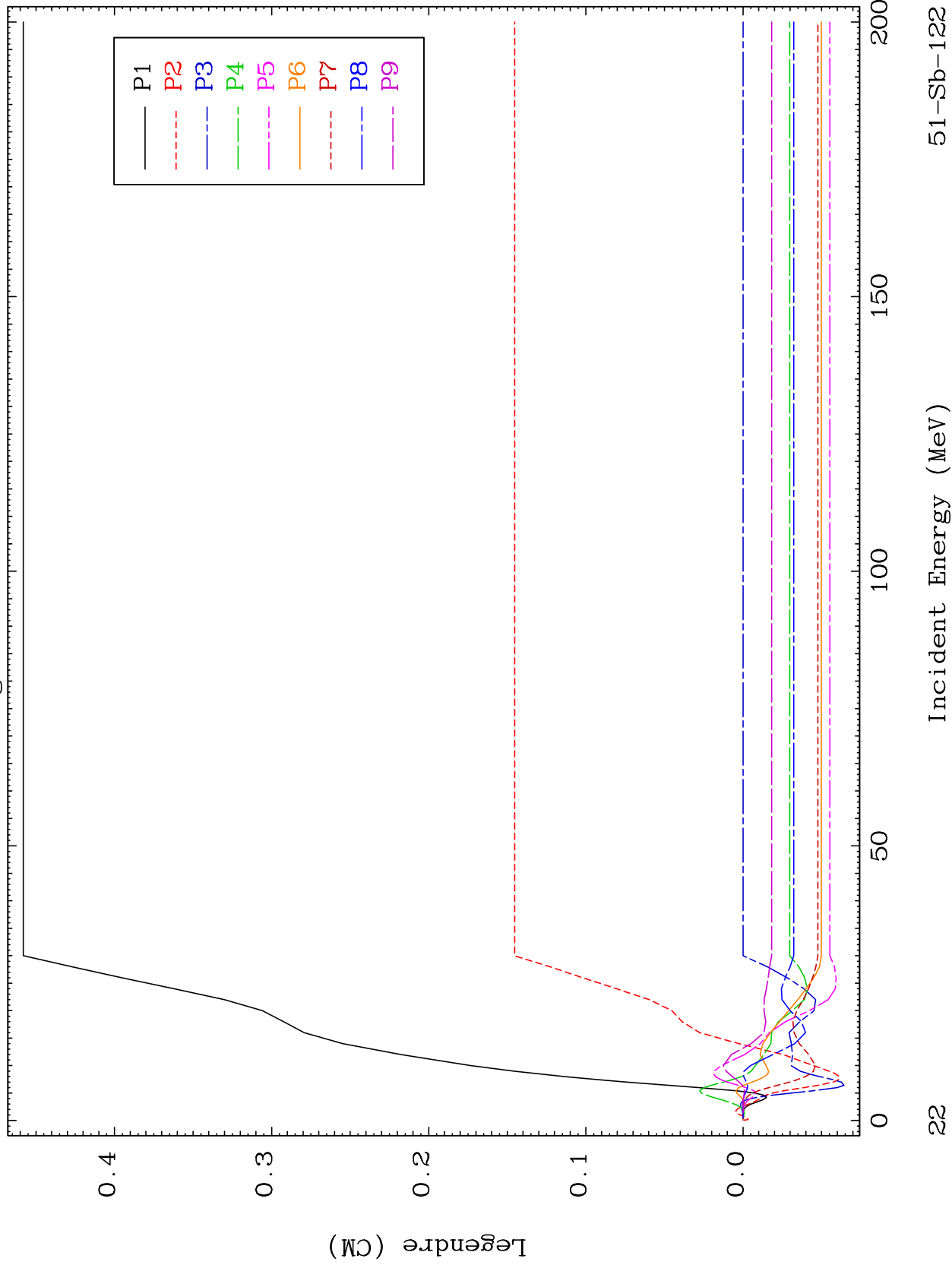
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

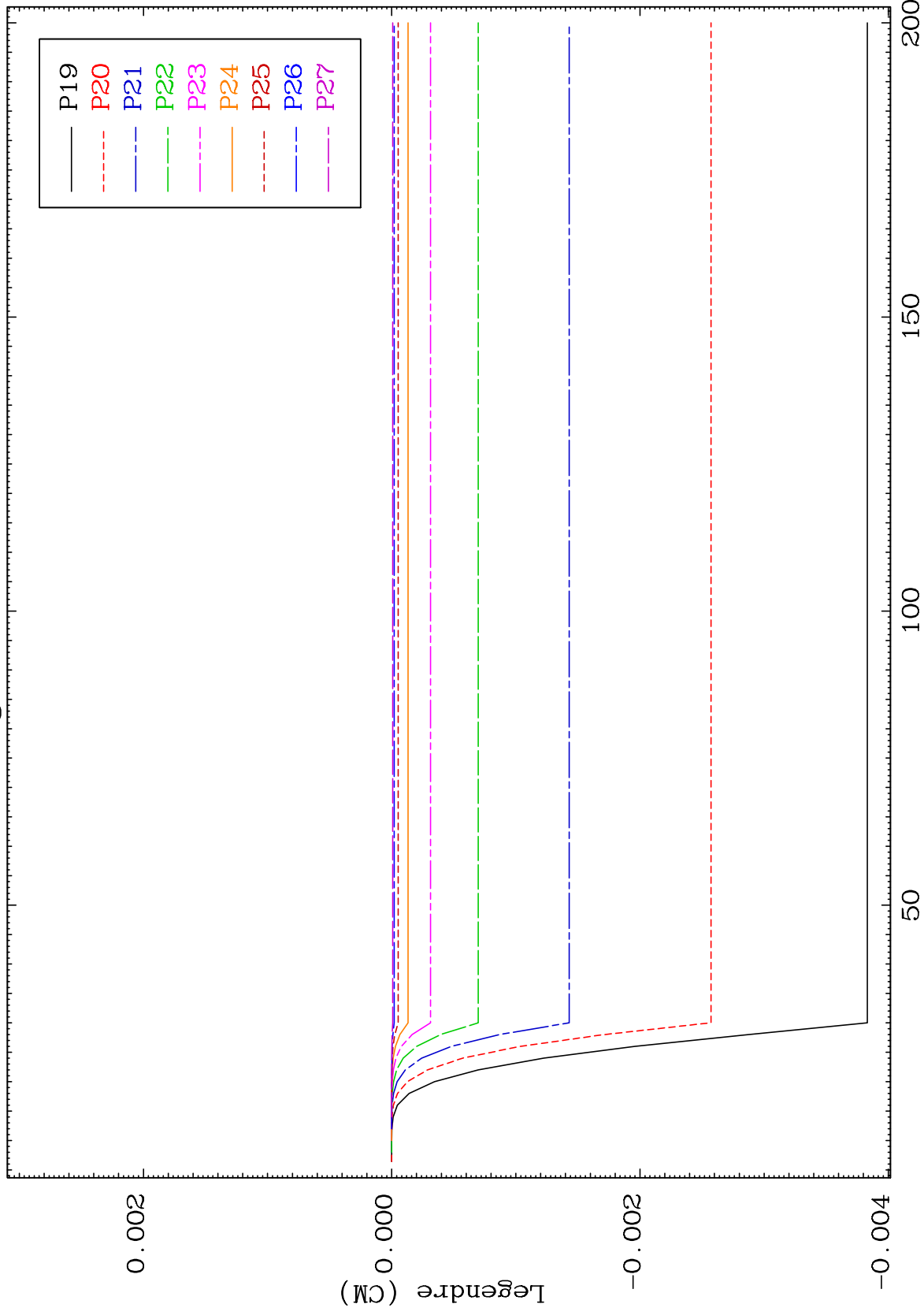
Incident Energy (MeV)

22

MAT 5128

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

51-Sb-122



24

Incident Energy (MeV)

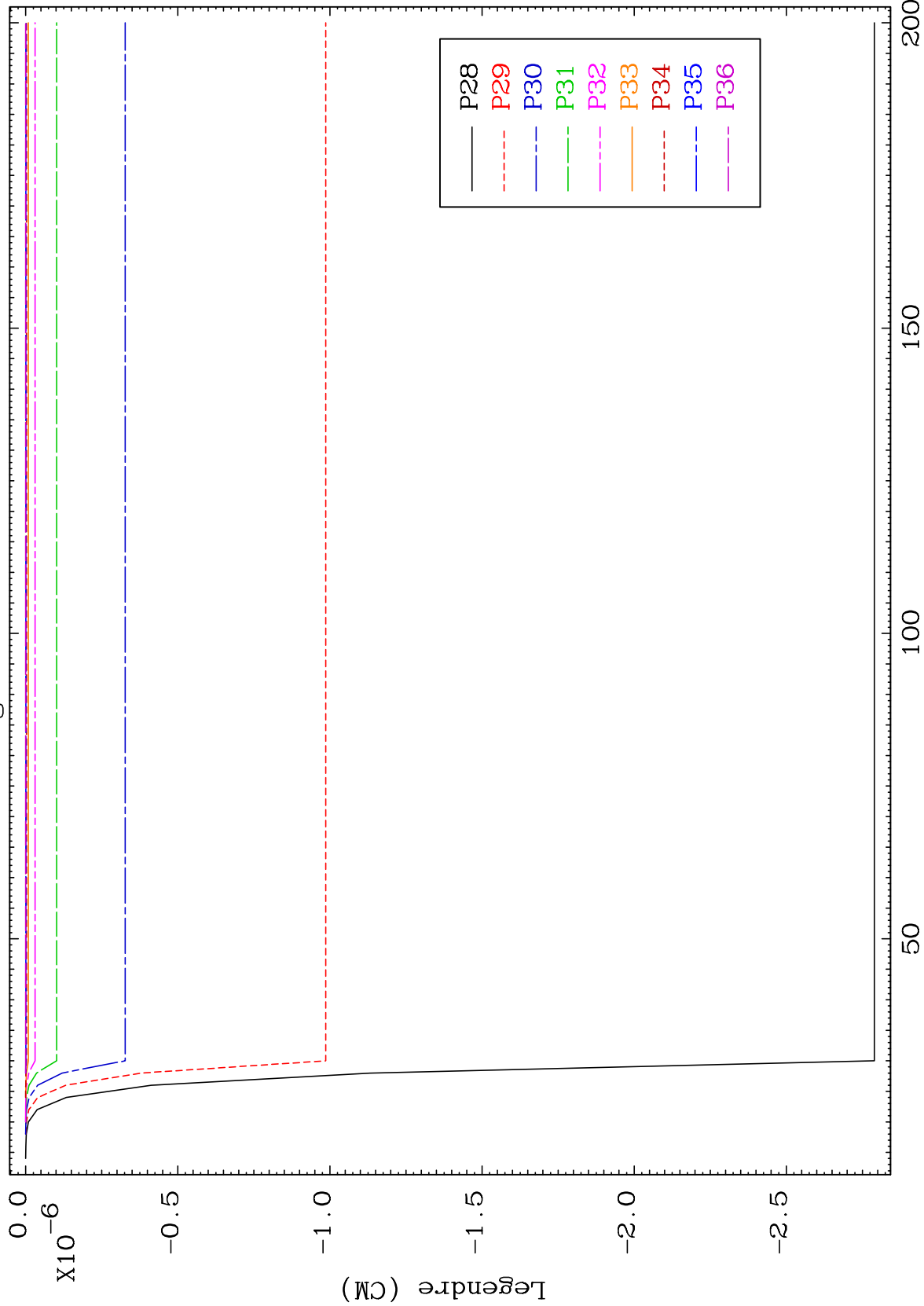
51-Sb-122

MAT 5128

MT= 52 (n,n') Level

51-Sb-122

Legendre Coefficients



51-Sb-122

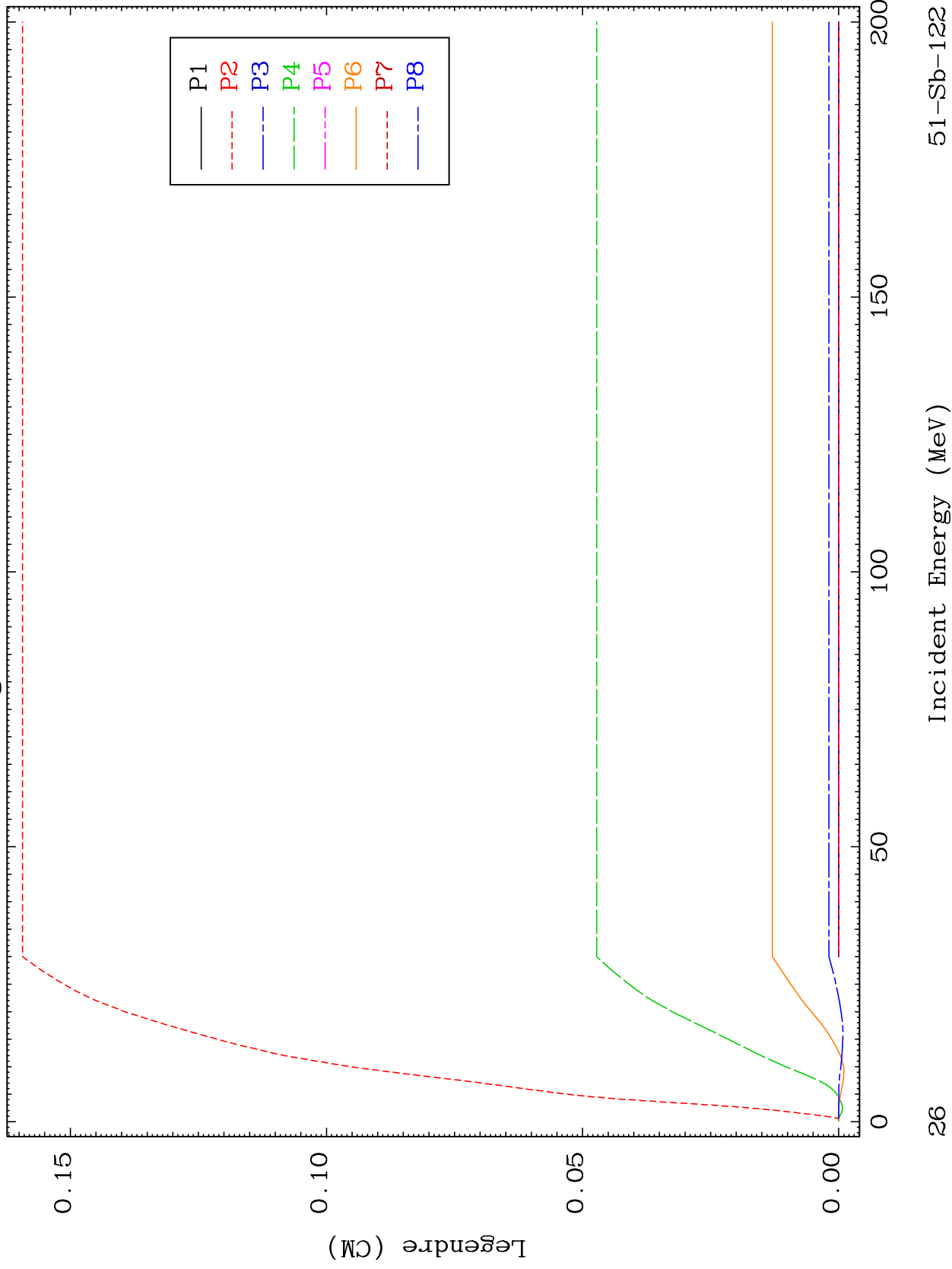
Incident Energy (MeV)

25

MAT 5128

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

51-Sb-122



51-Sb-122

Incident Energy (MeV)

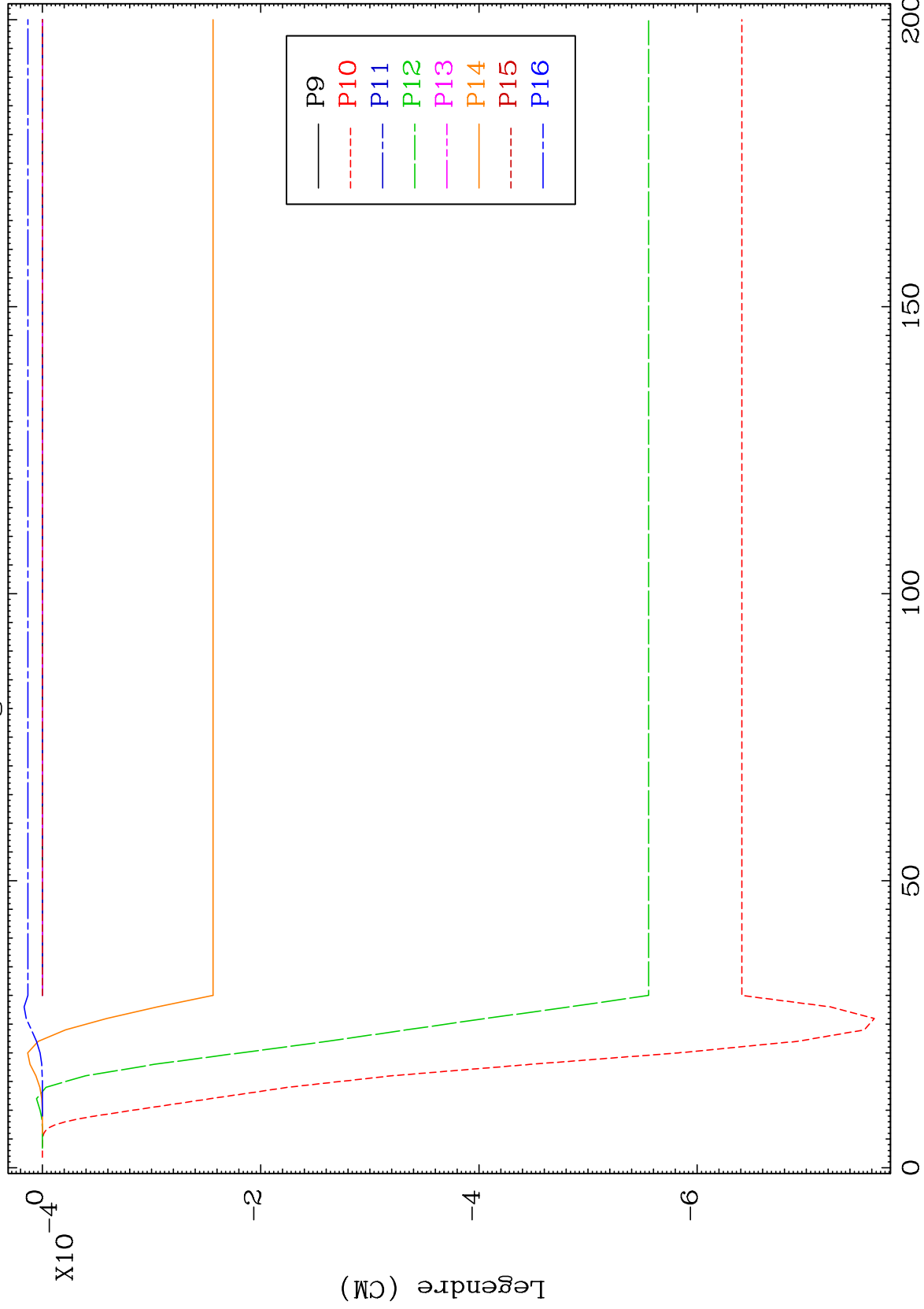
26

MAT 5128

MT= 53 (n,n') Level

51-Sb-122

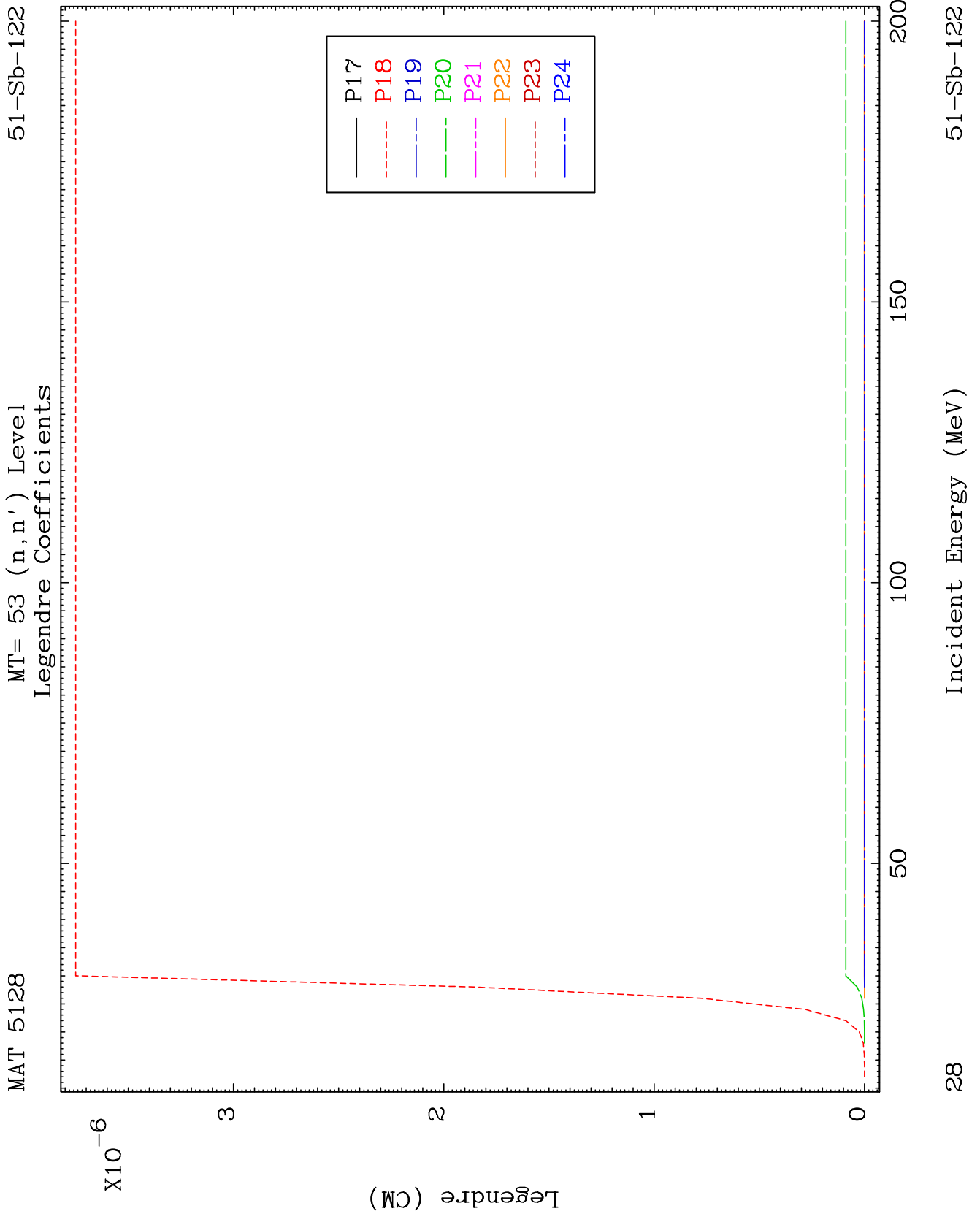
Legendre Coefficients



27

Incident Energy (MeV)

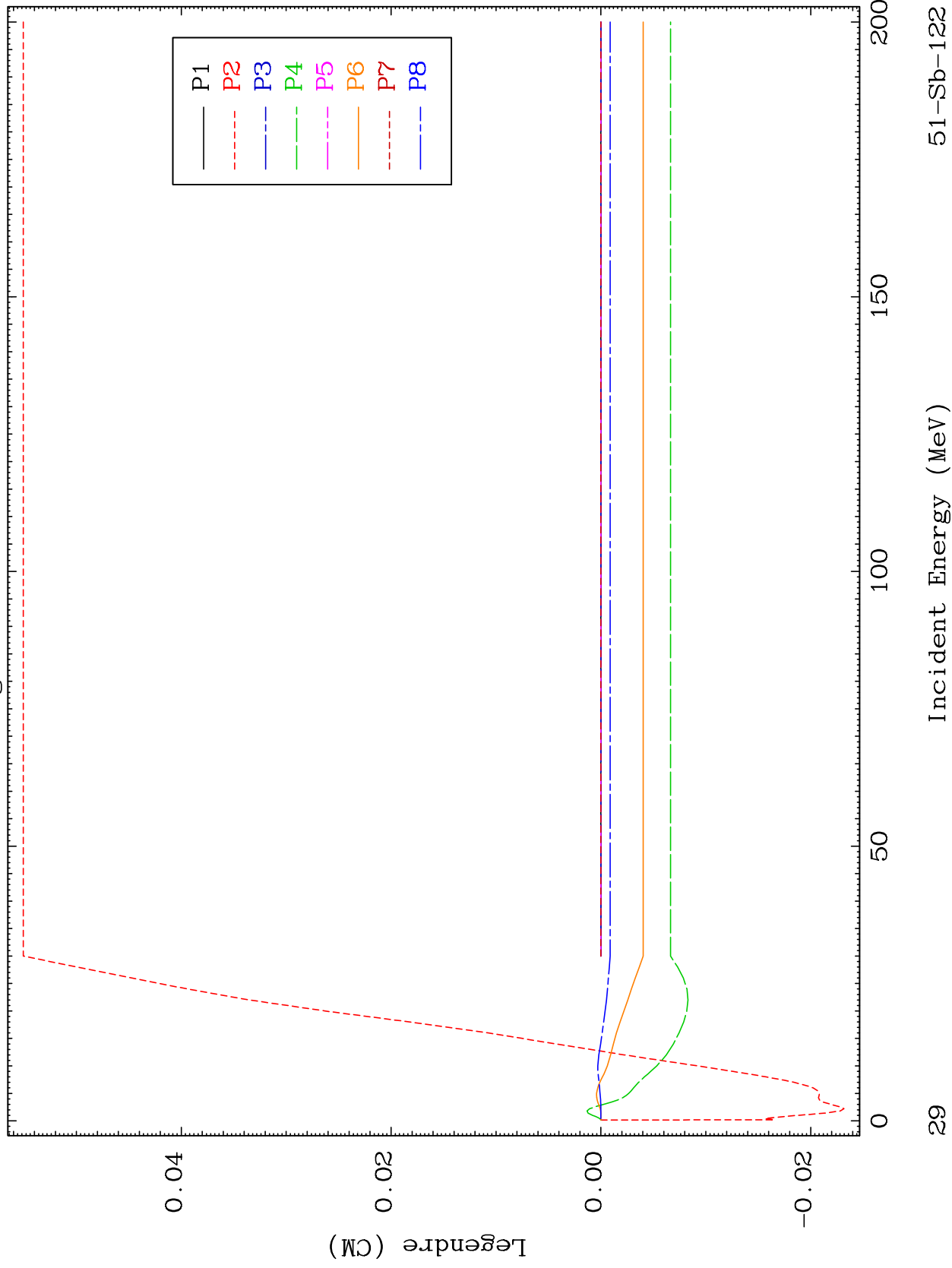
51-Sb-122



MAT 5128

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

51-Sb-122



51-Sb-122

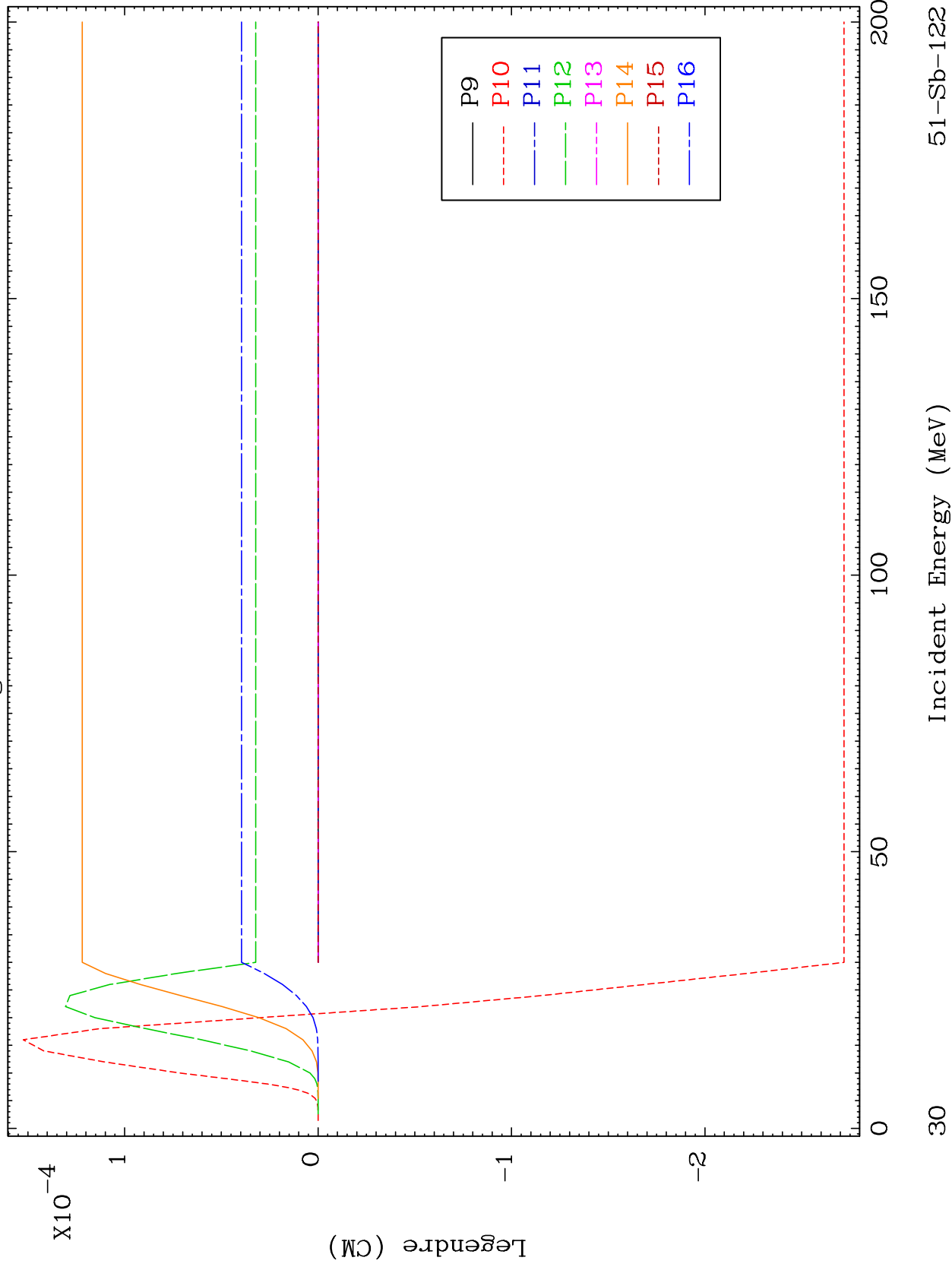
Incident Energy (MeV)

29

MAT 5128

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

51-Sb-122



51-Sb-122

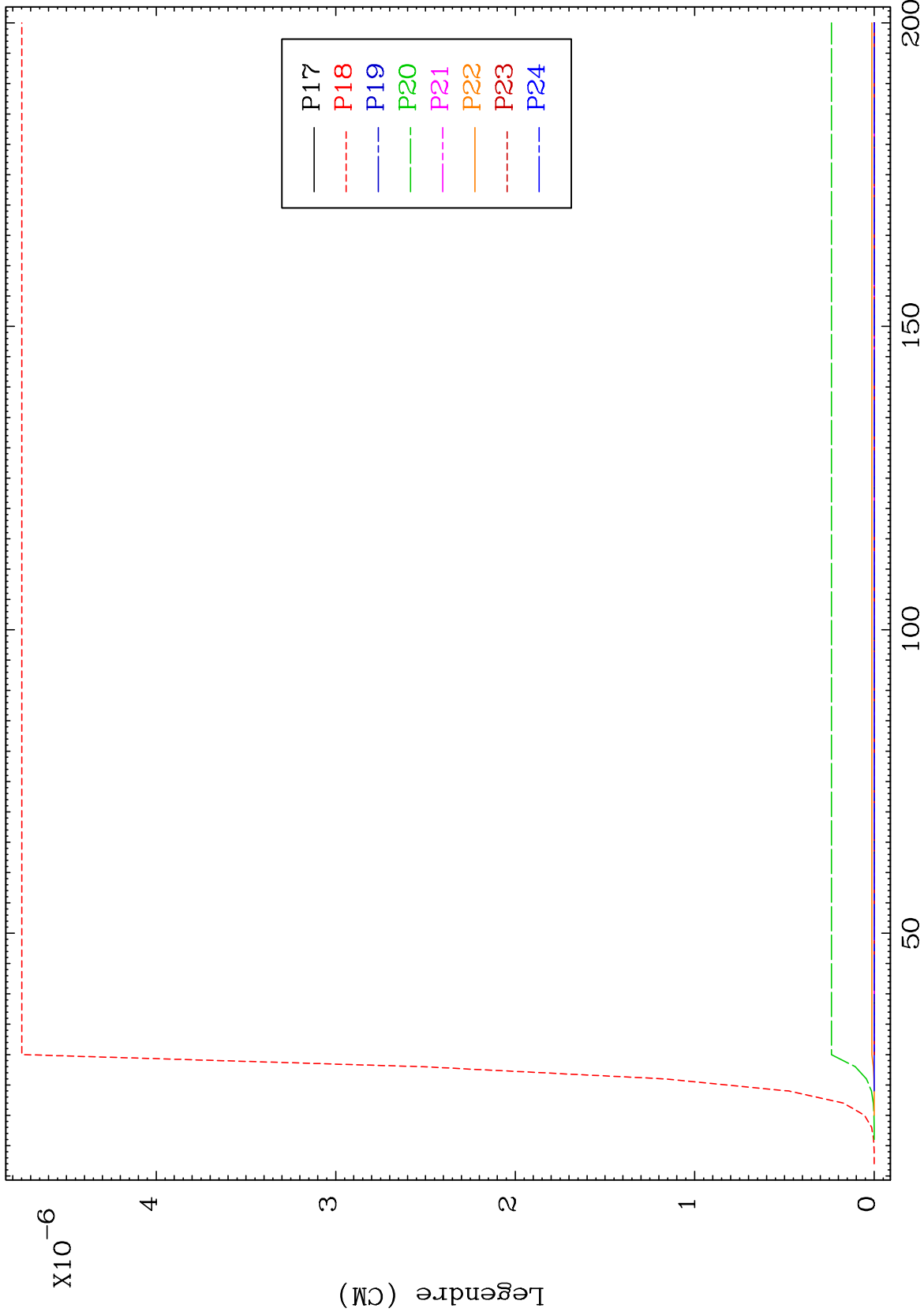
Incident Energy (MeV)

30

MAT 5128

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

51-Sb-122



31

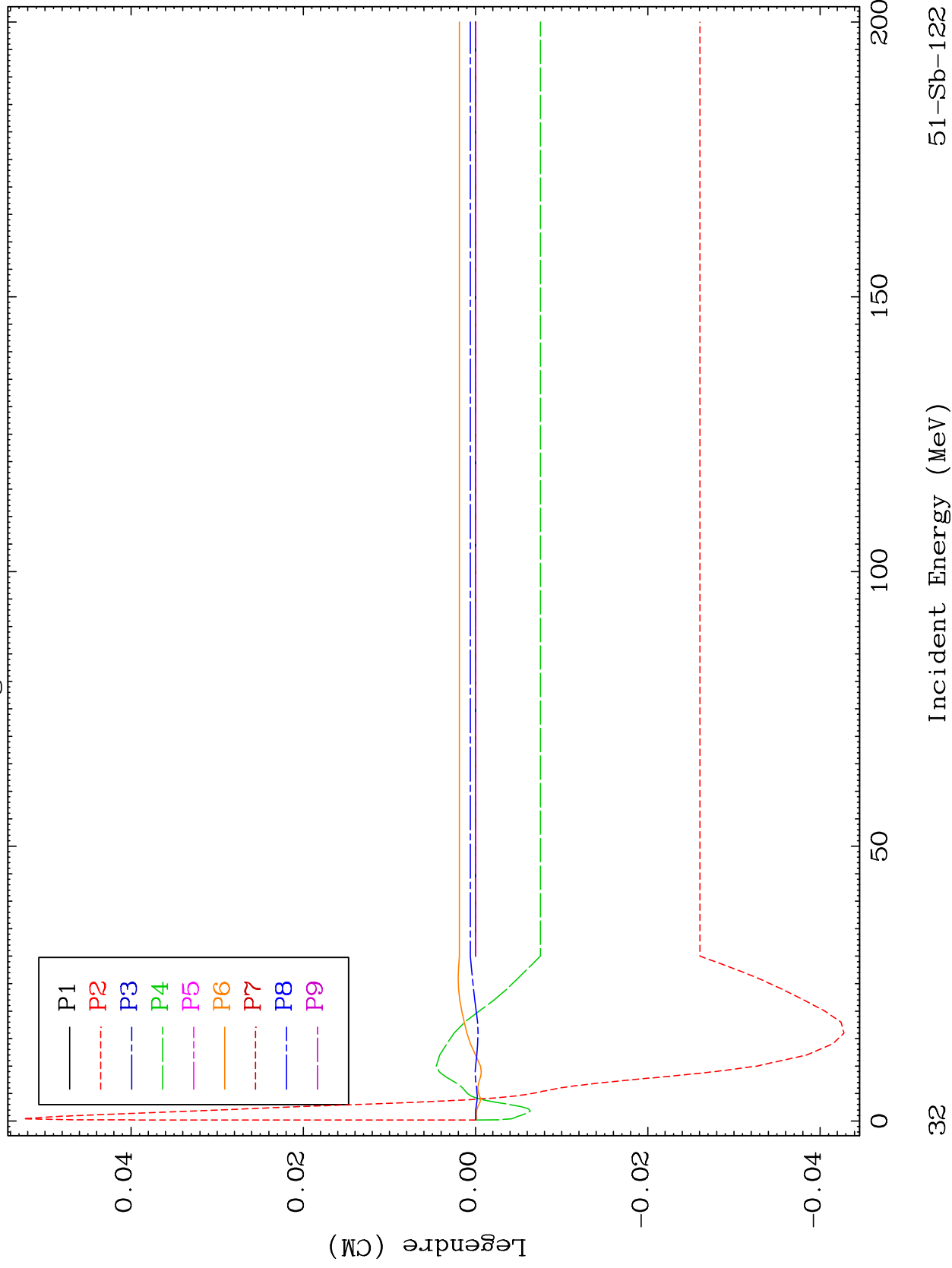
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

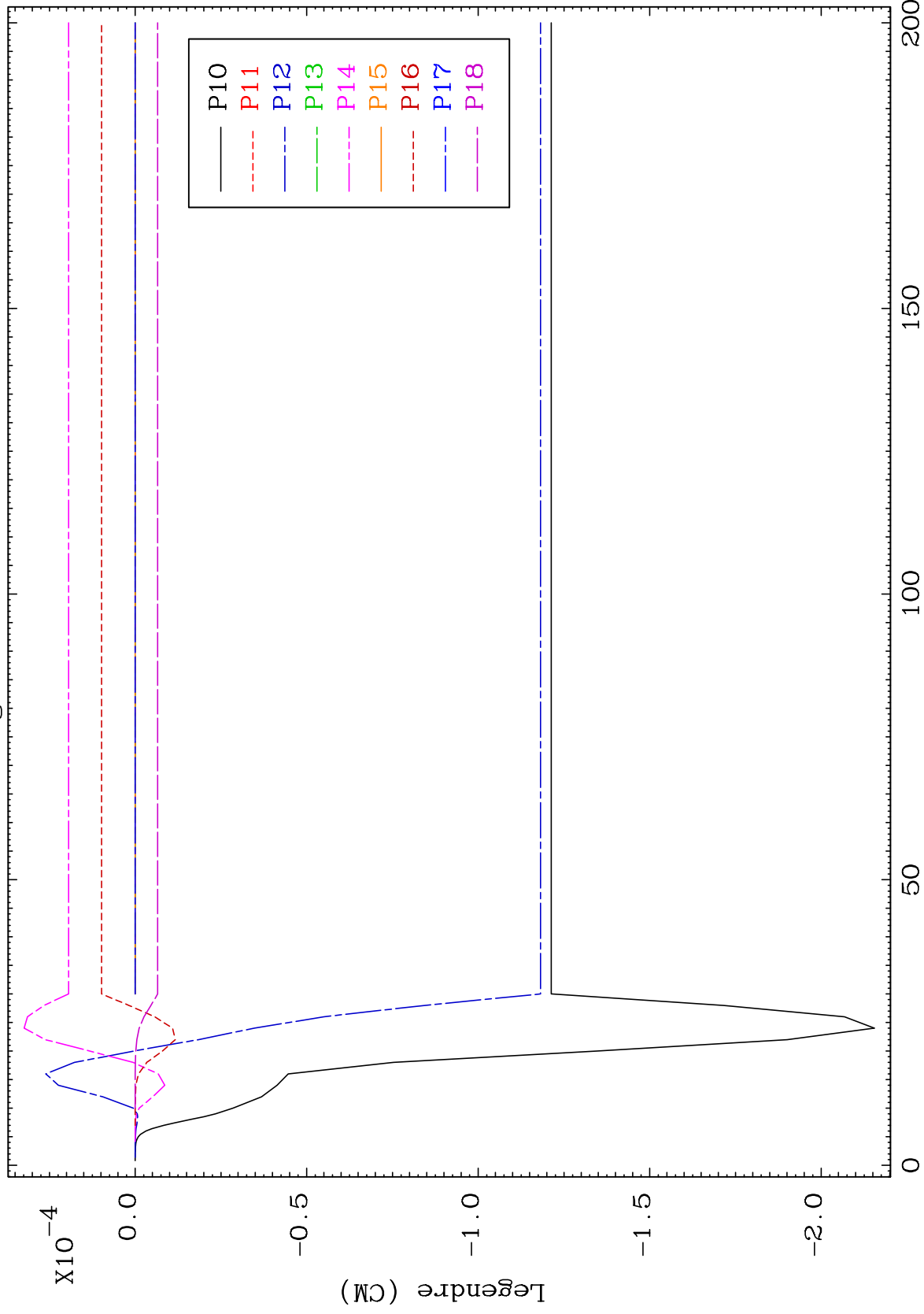
Incident Energy (MeV)

32

MAT 5128

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

51-Sb-122



33

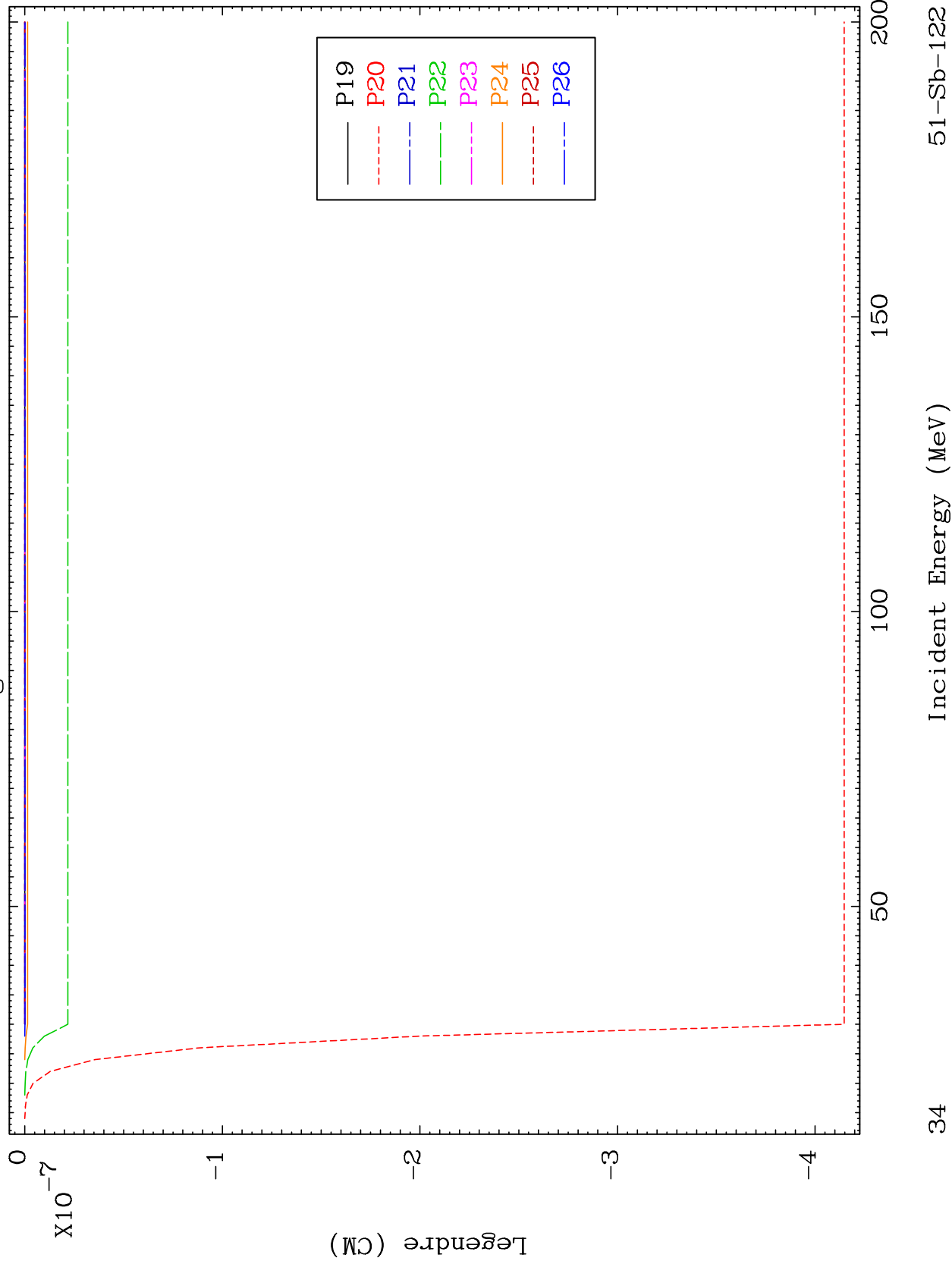
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



34

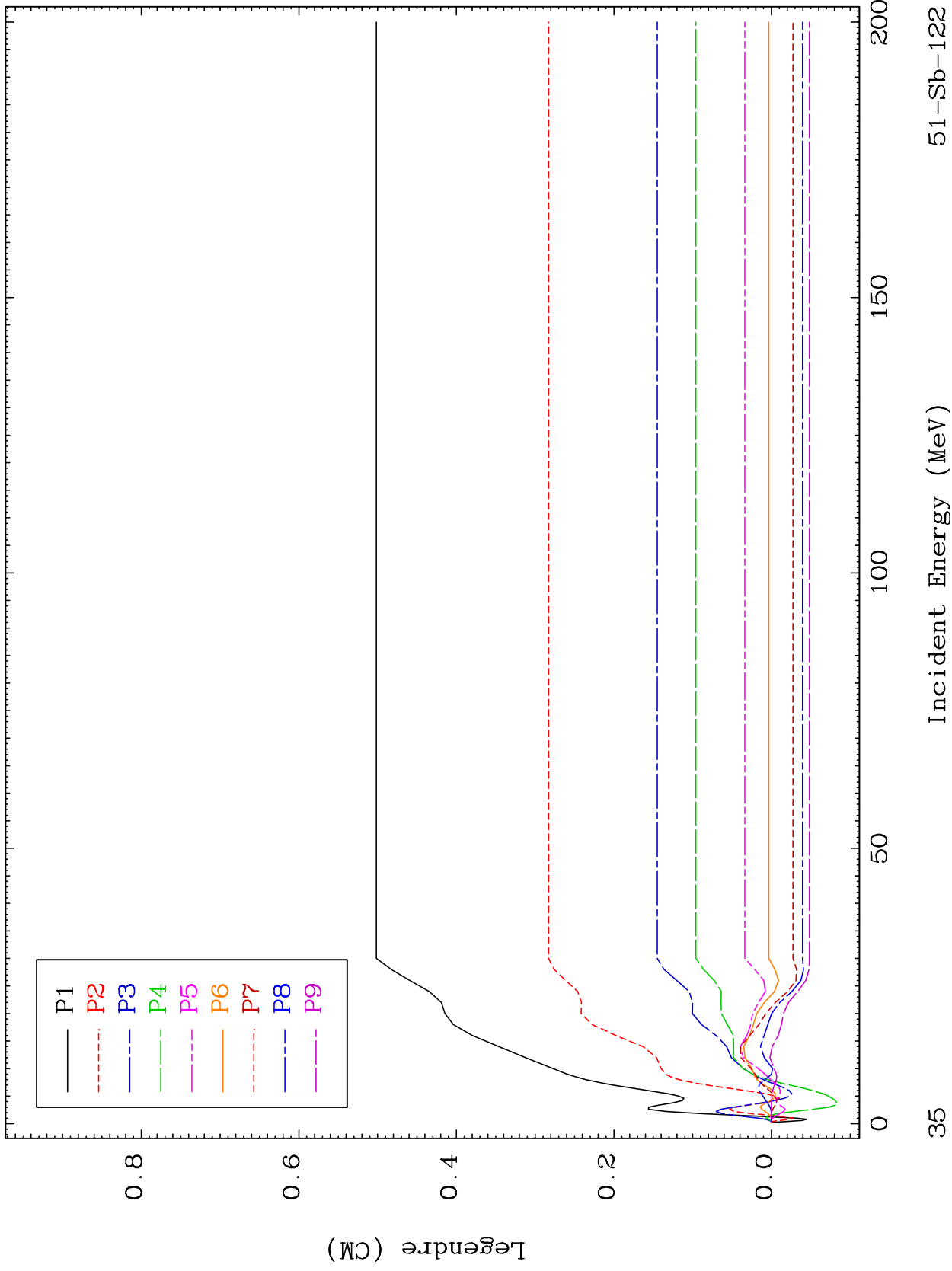
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

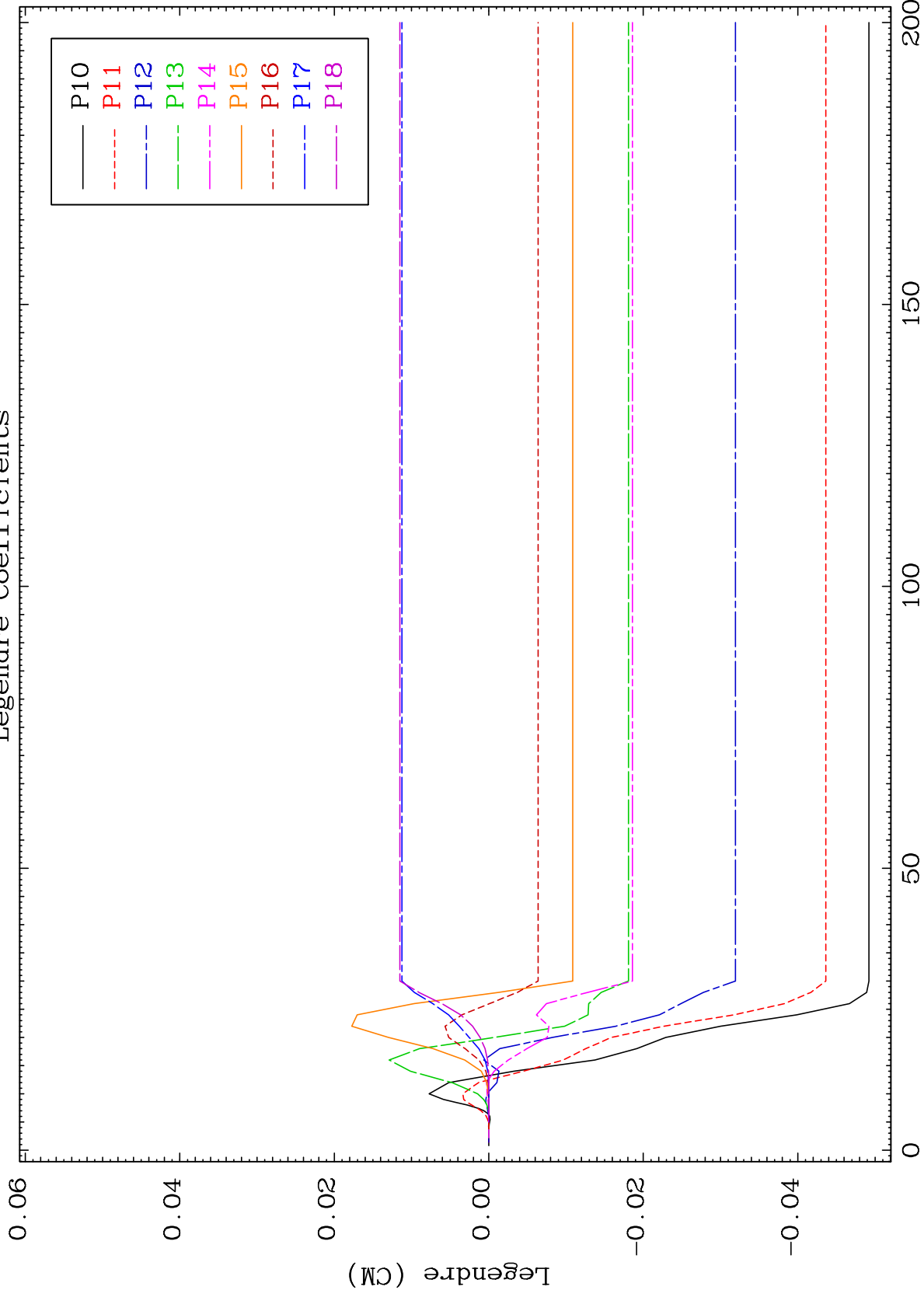
Incident Energy (MeV)

35

MAT 5128

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

51-Sb-122



36

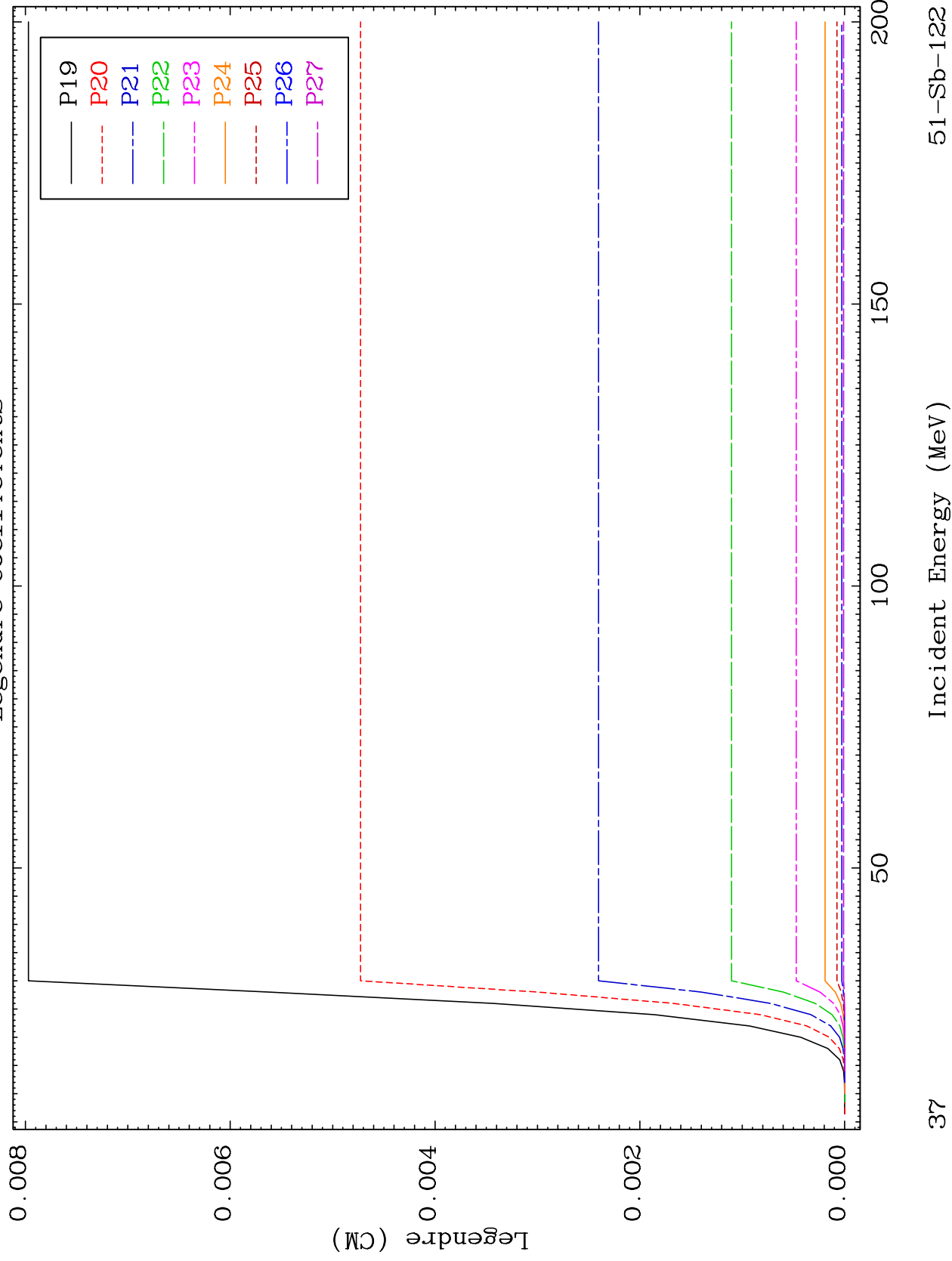
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



37

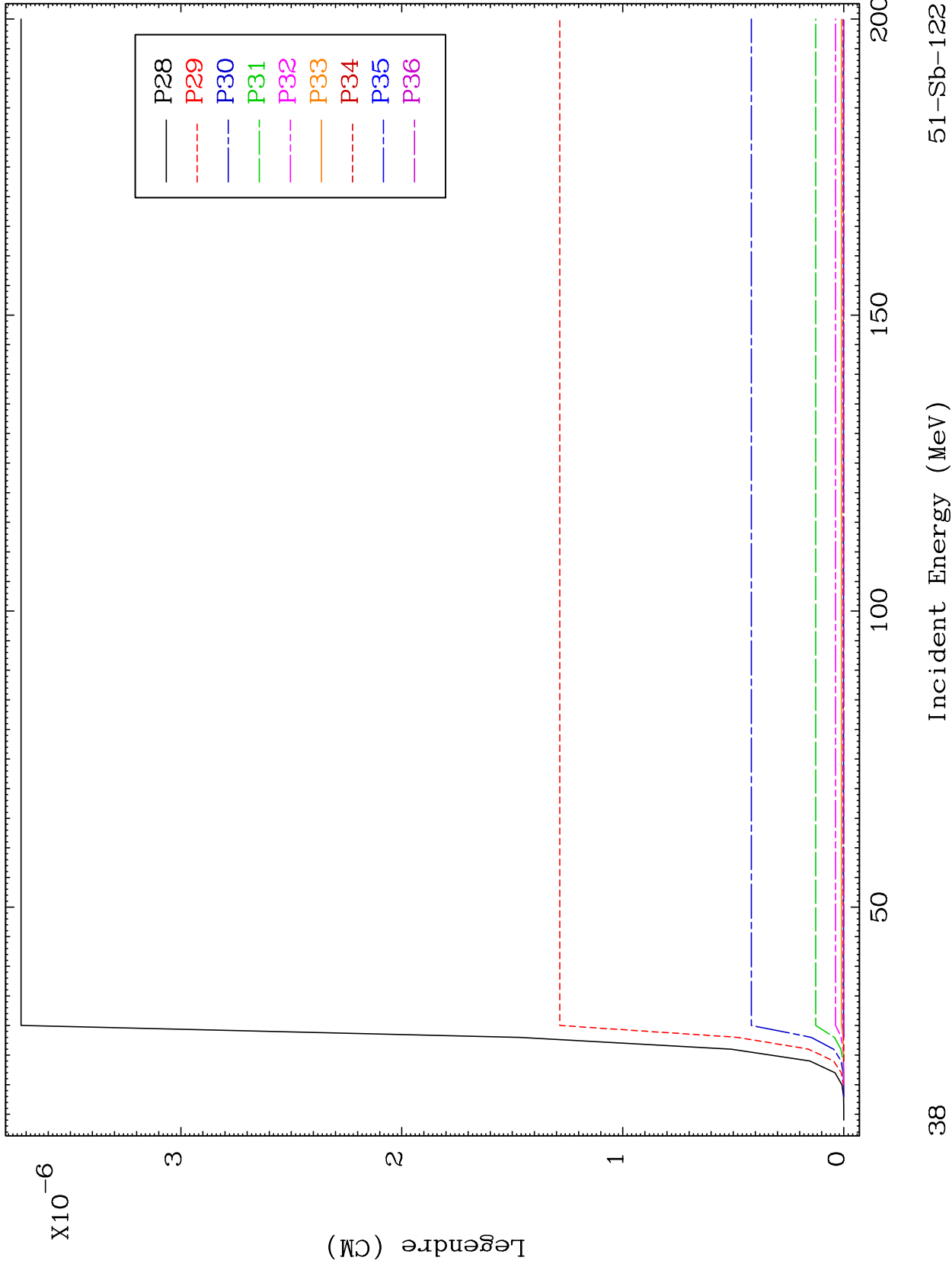
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

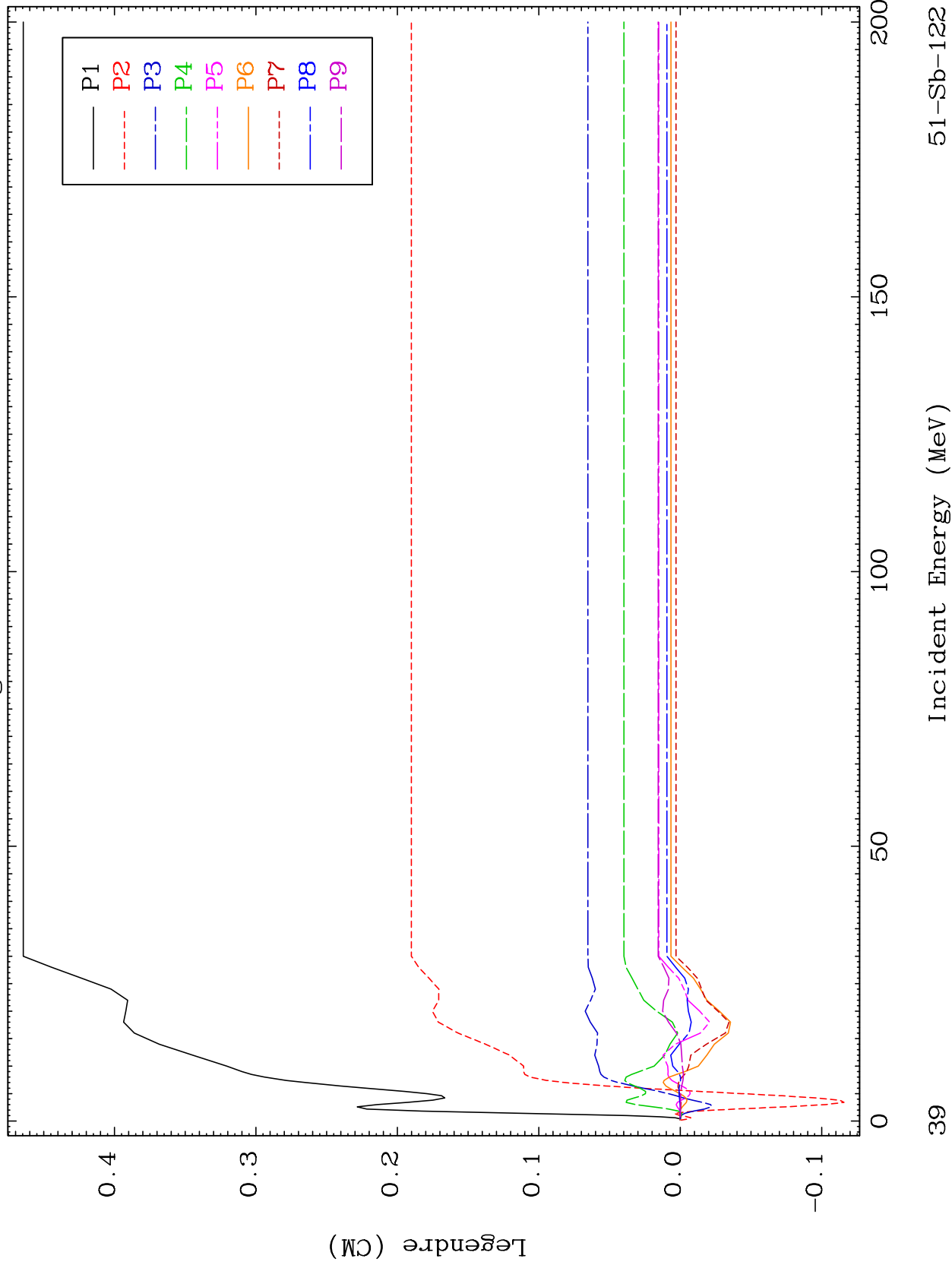
51-Sb-122



MAT 5128

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

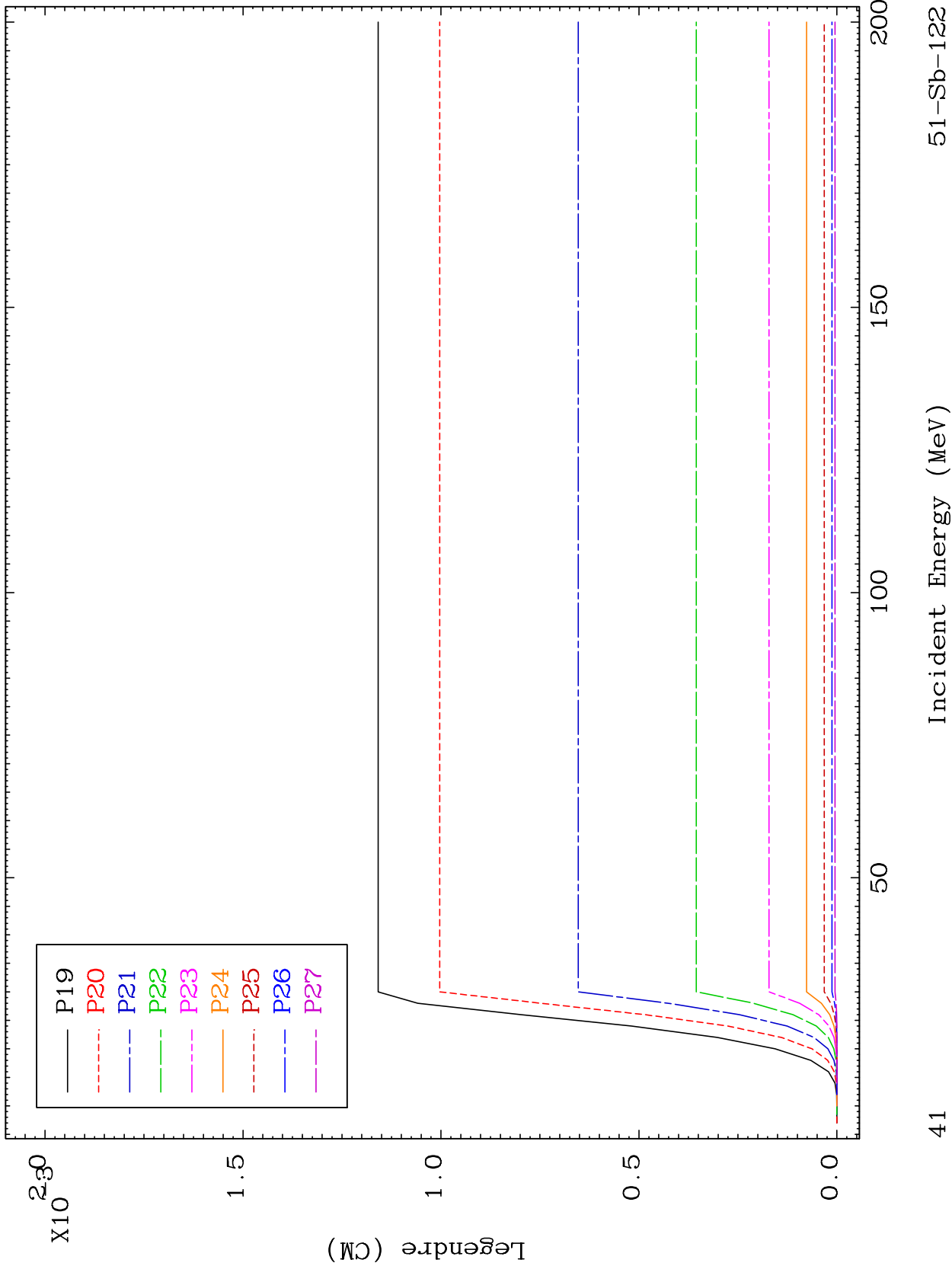
51-Sb-122



51-Sb-122

Incident Energy (MeV)

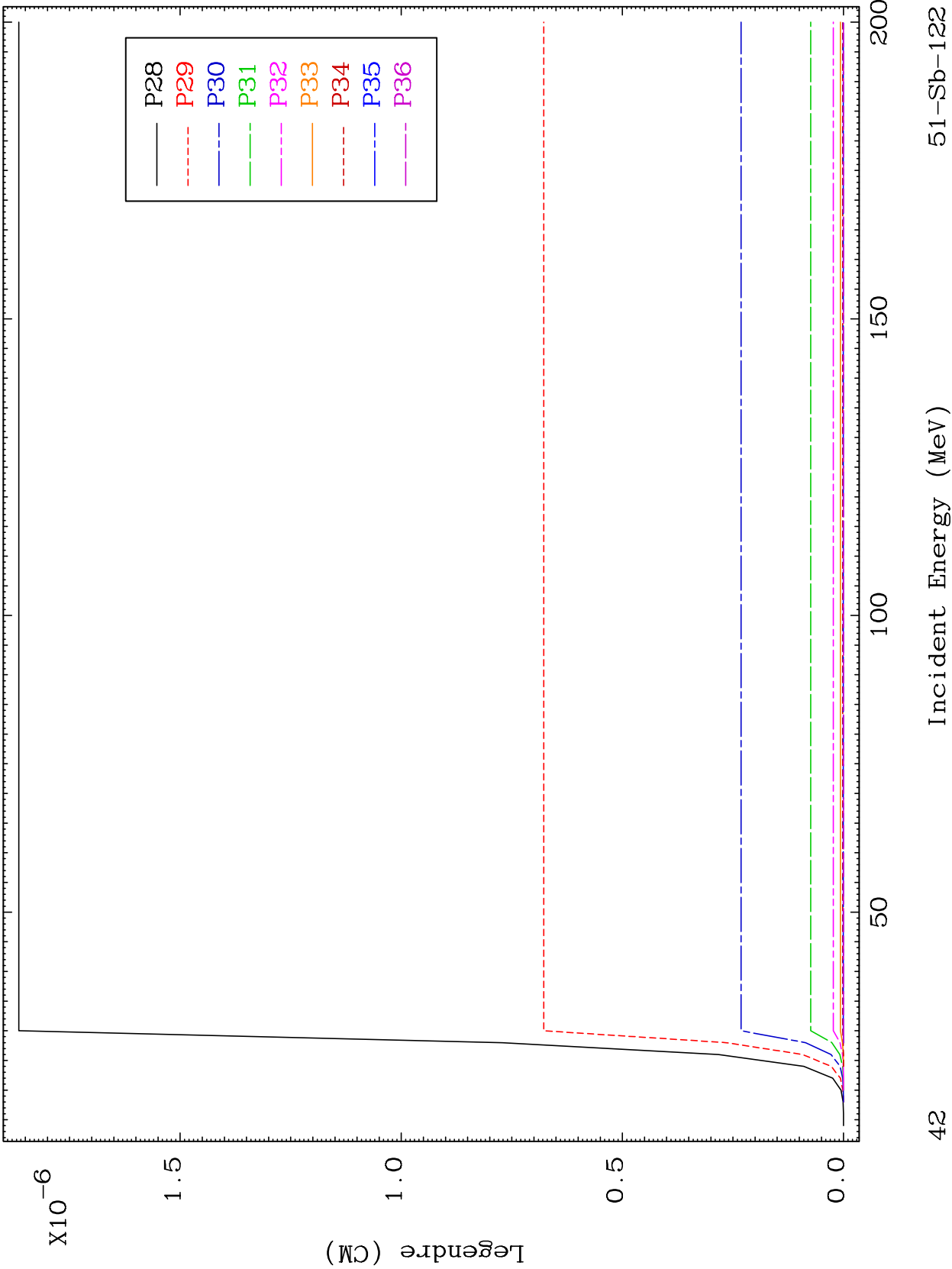
39



MAT 5128

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

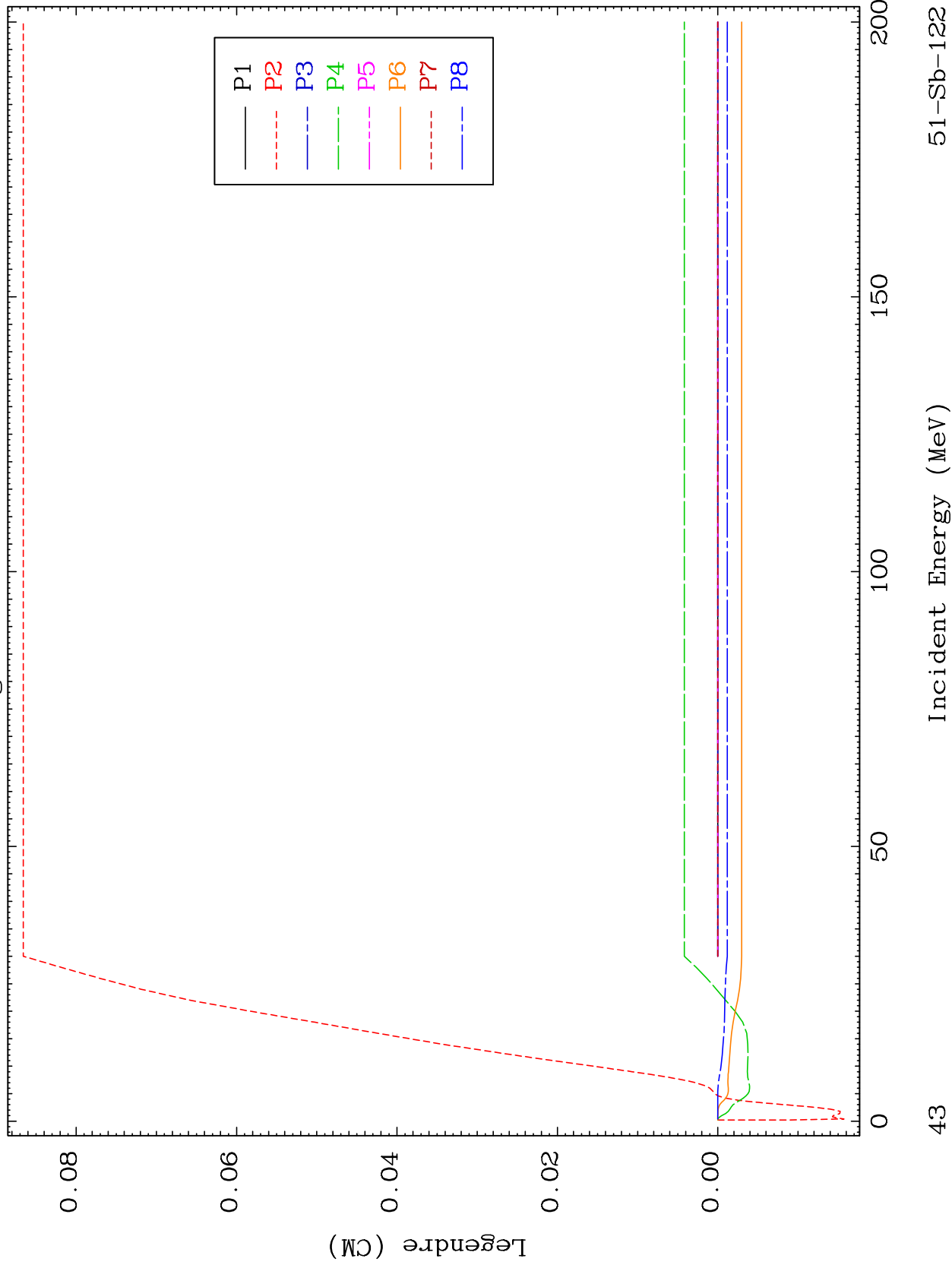
51-Sb-122



MAT 5128

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

51-Sb-122



51-Sb-122

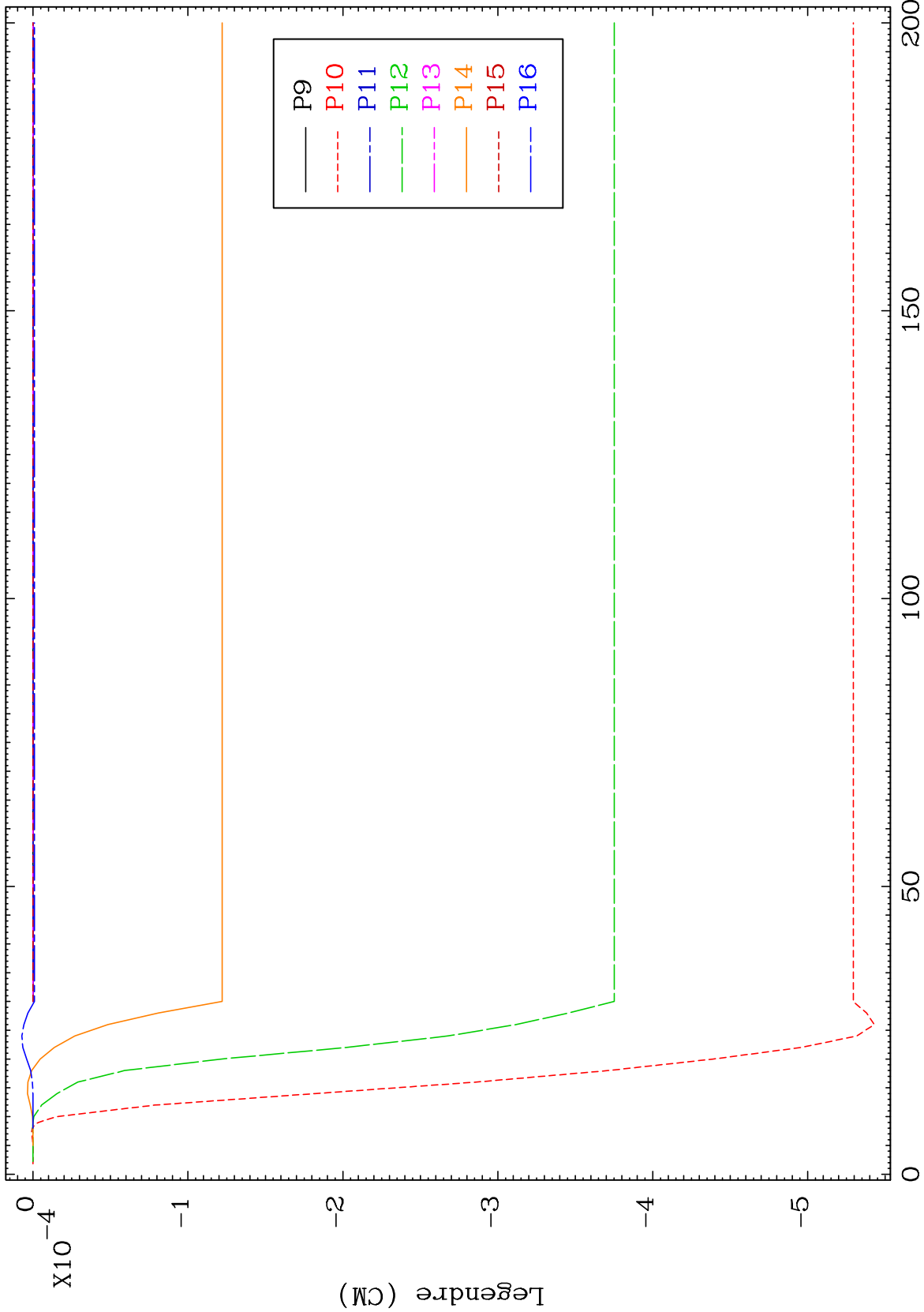
Incident Energy (MeV)

43

MAT 5128

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

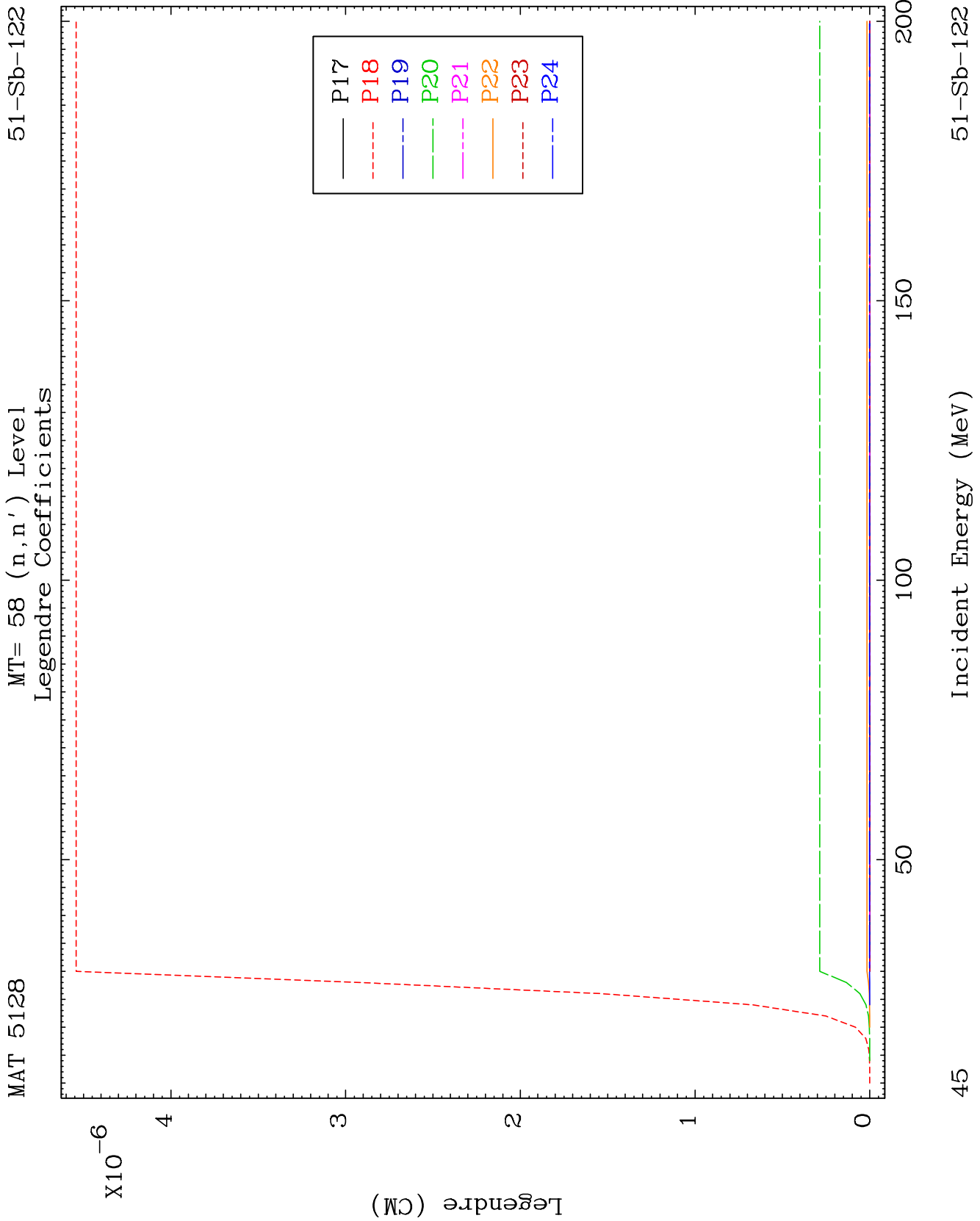
51-Sb-122



44

Incident Energy (MeV)

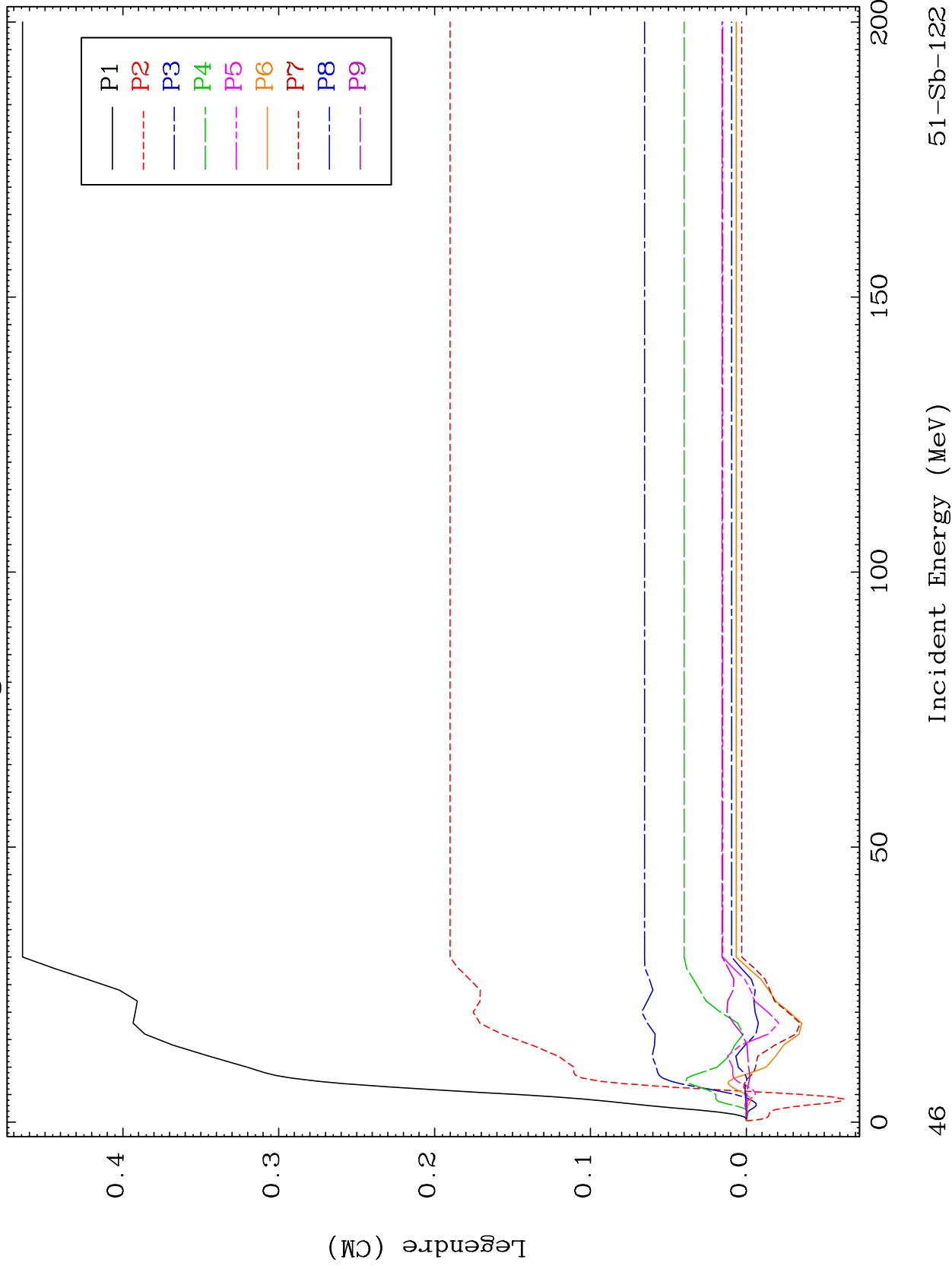
51-Sb-122



MAT 5128

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

51-Sb-122



51-Sb-122

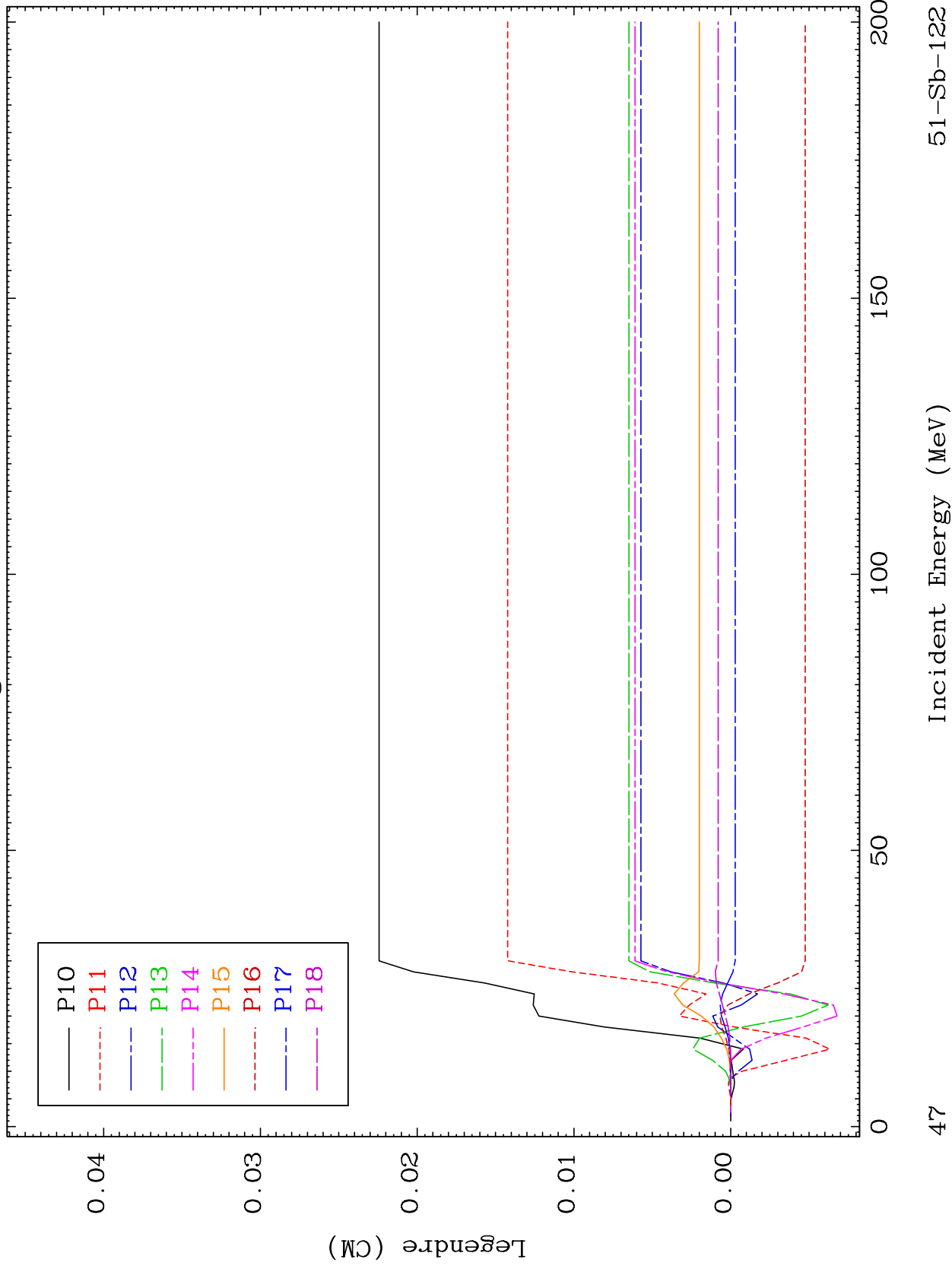
Incident Energy (MeV)

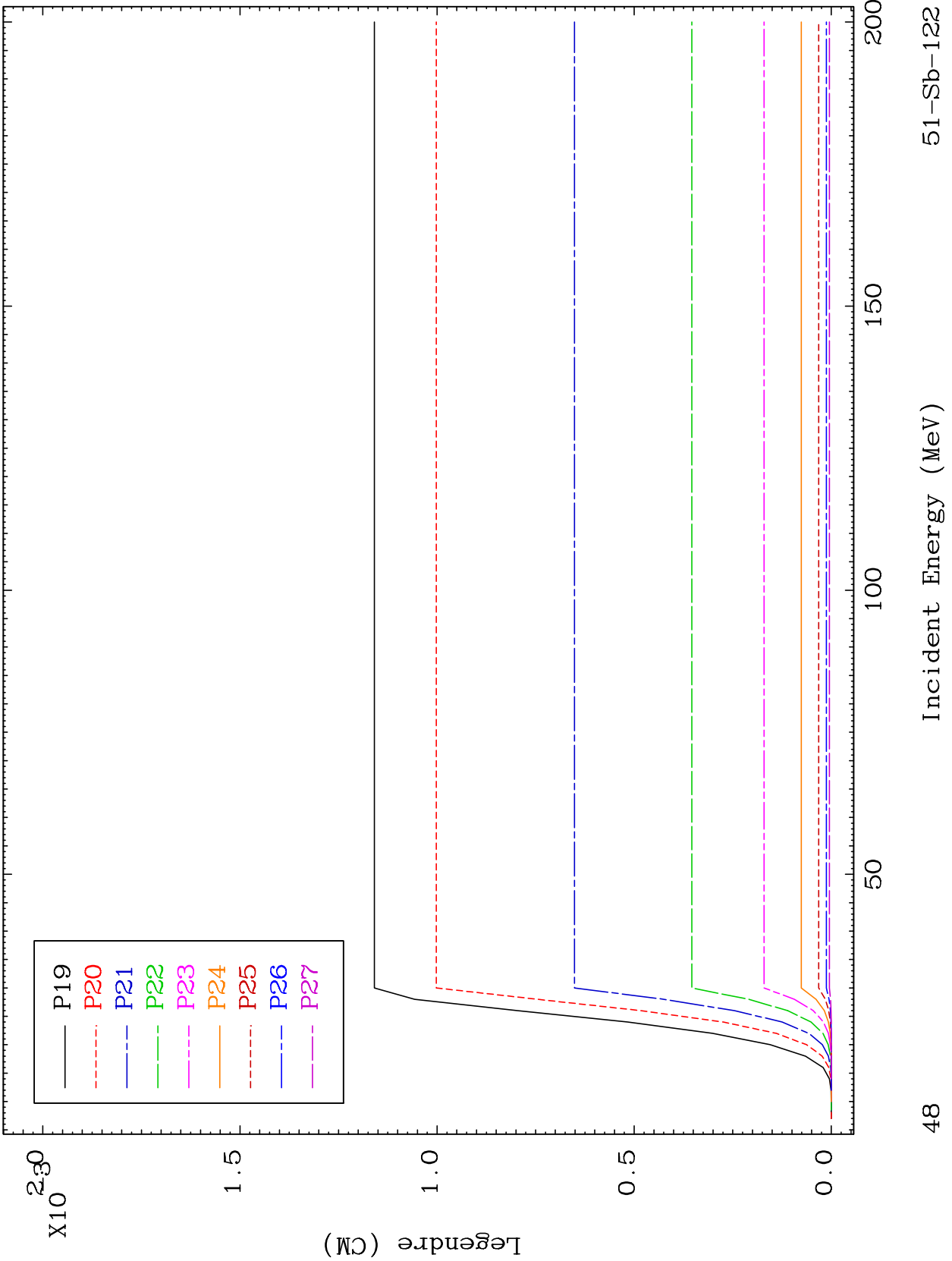
46

MAT 5128

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

51-Sb-122

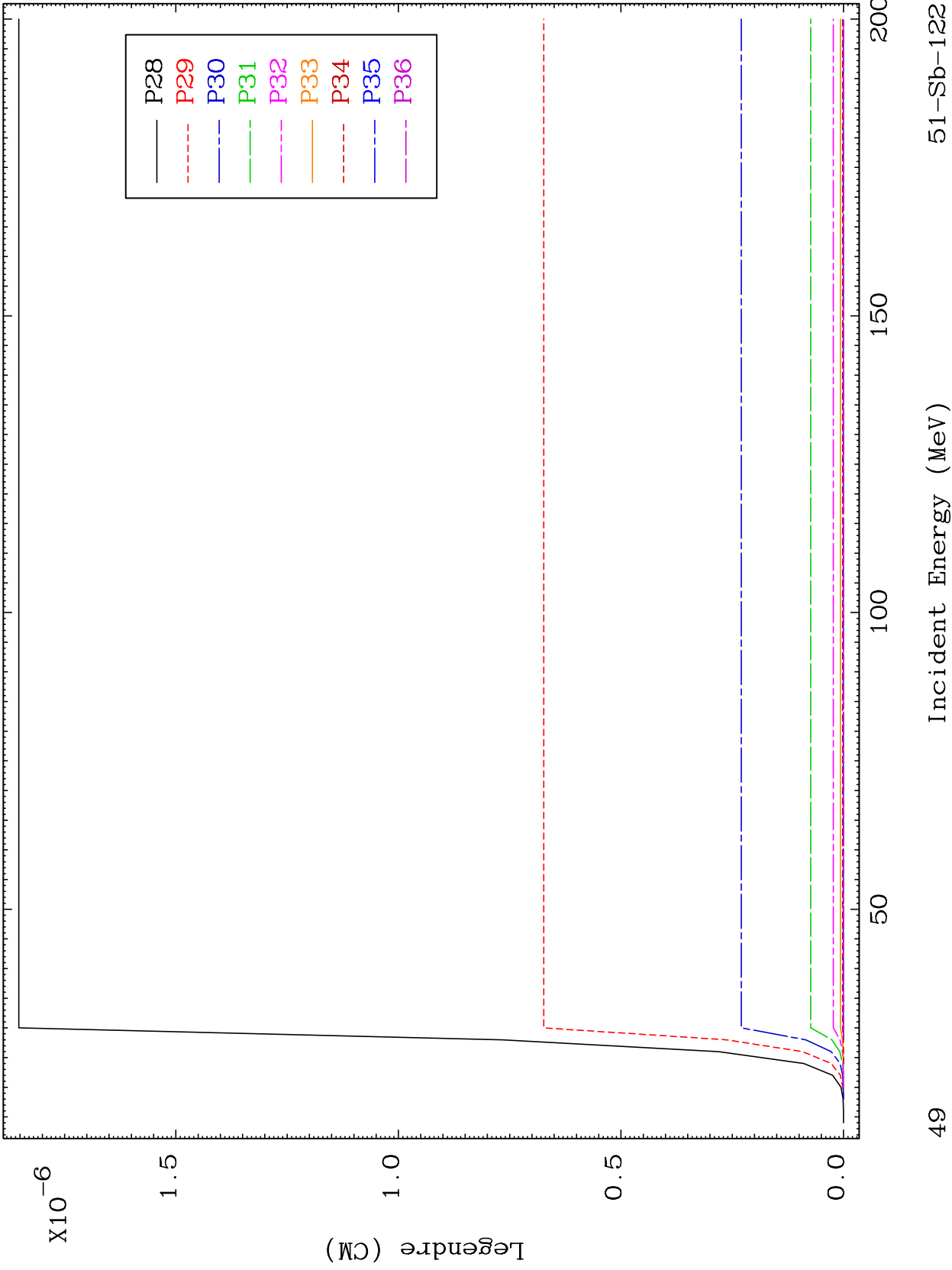




MAT 5128

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

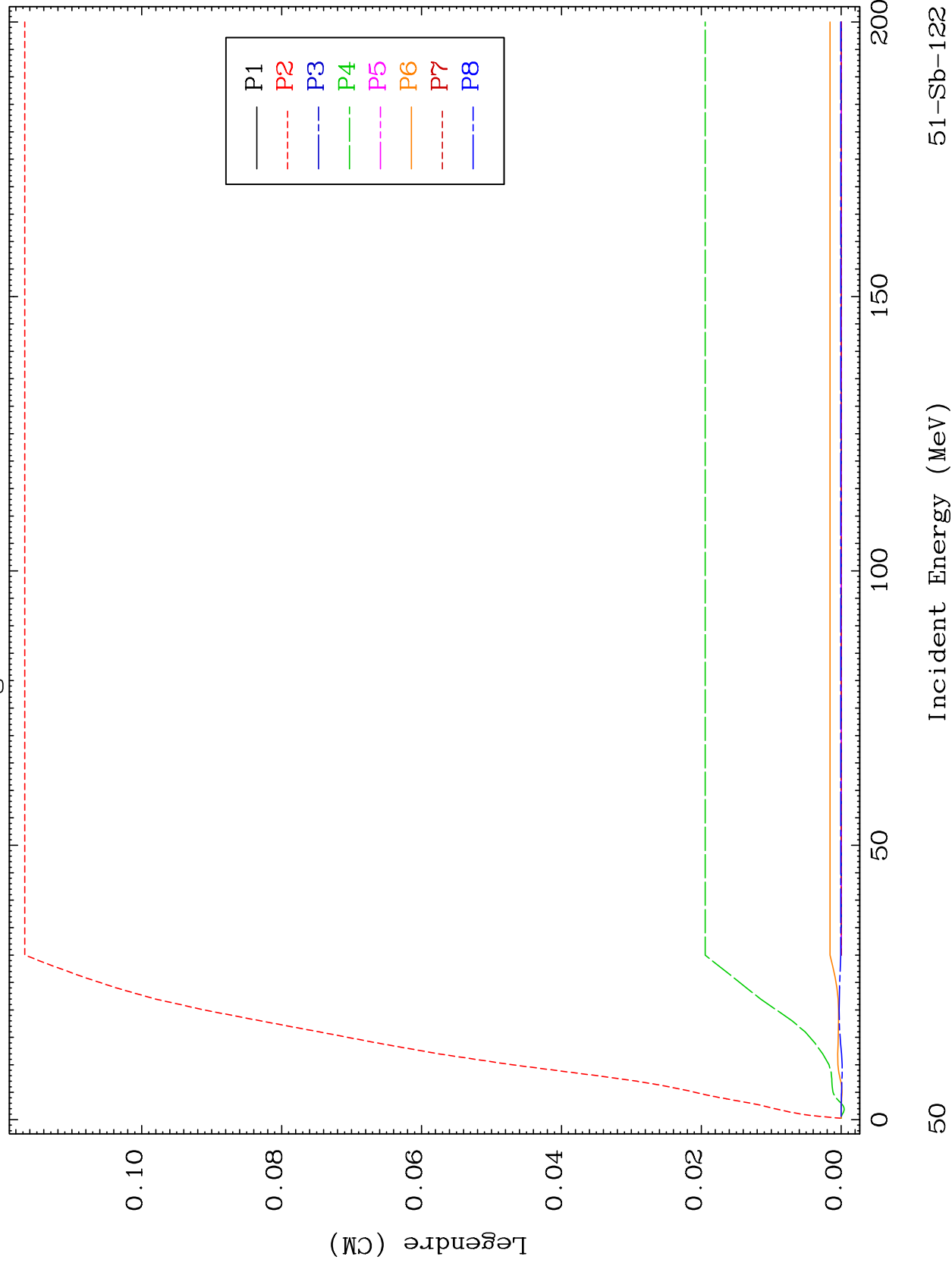
51-Sb-122



MAT 5128

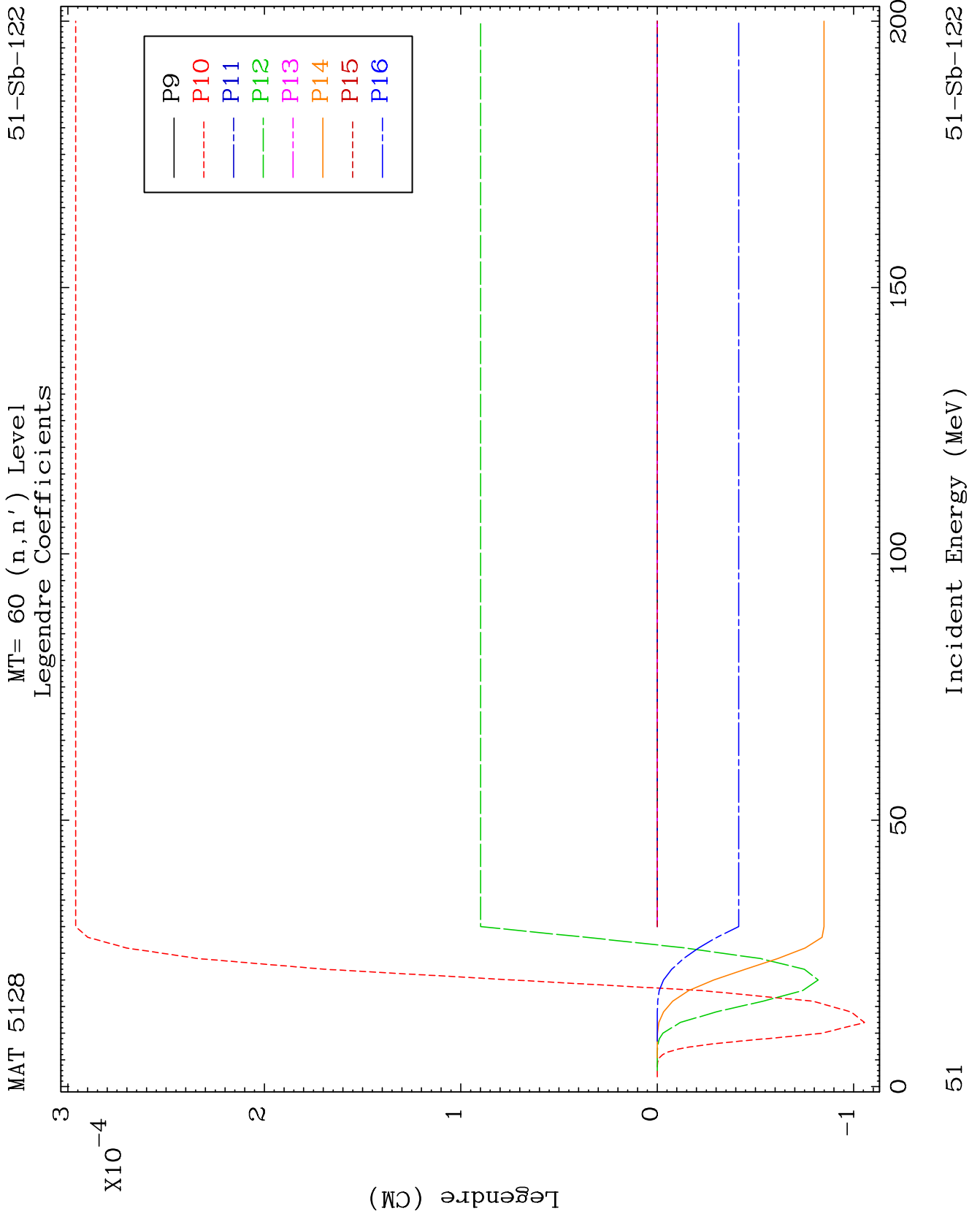
MT= 60 (n,n') Level
Legendre Coefficients

51-Sb-122



51-Sb-122

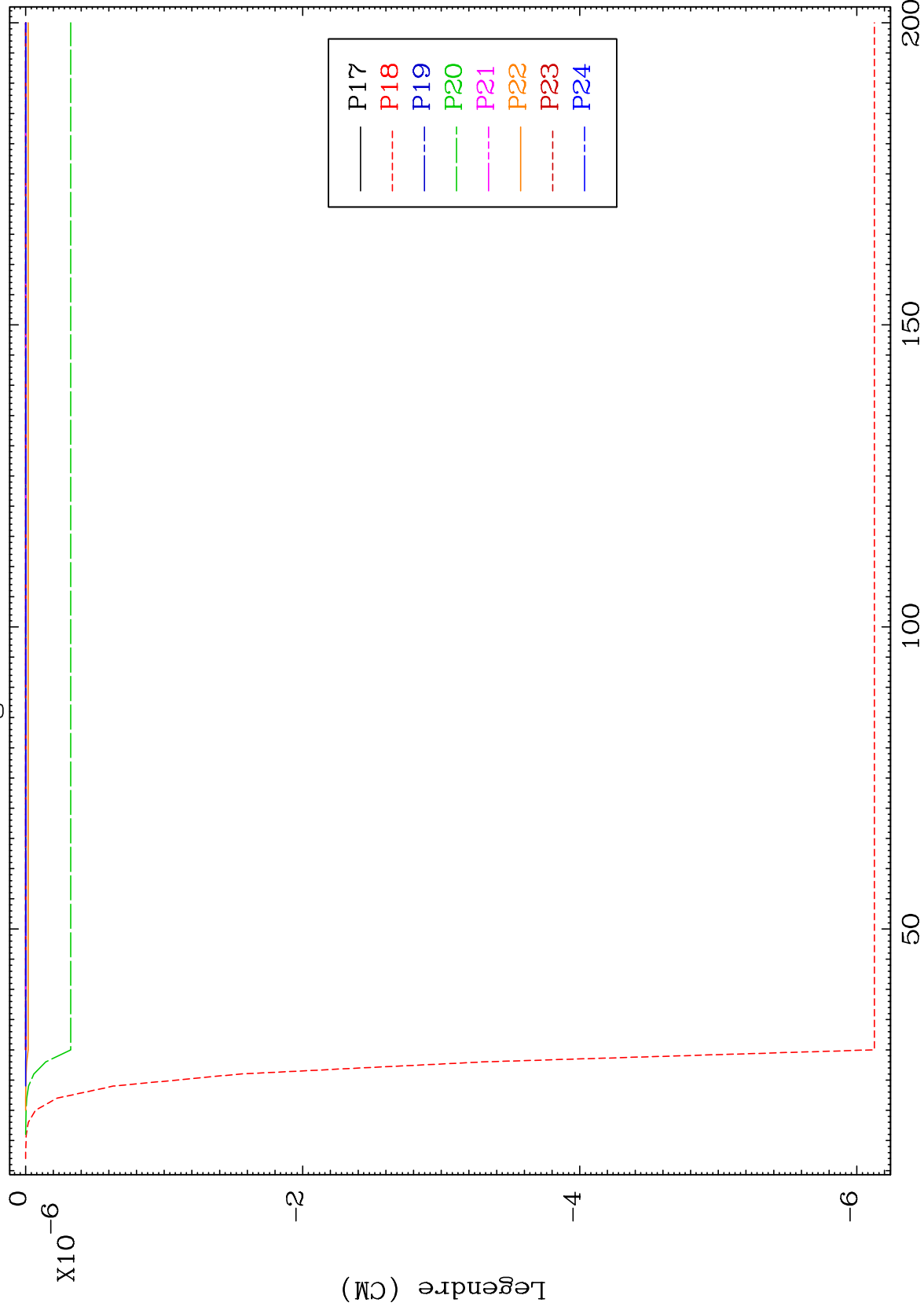
Incident Energy (MeV)



MAT 5128

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

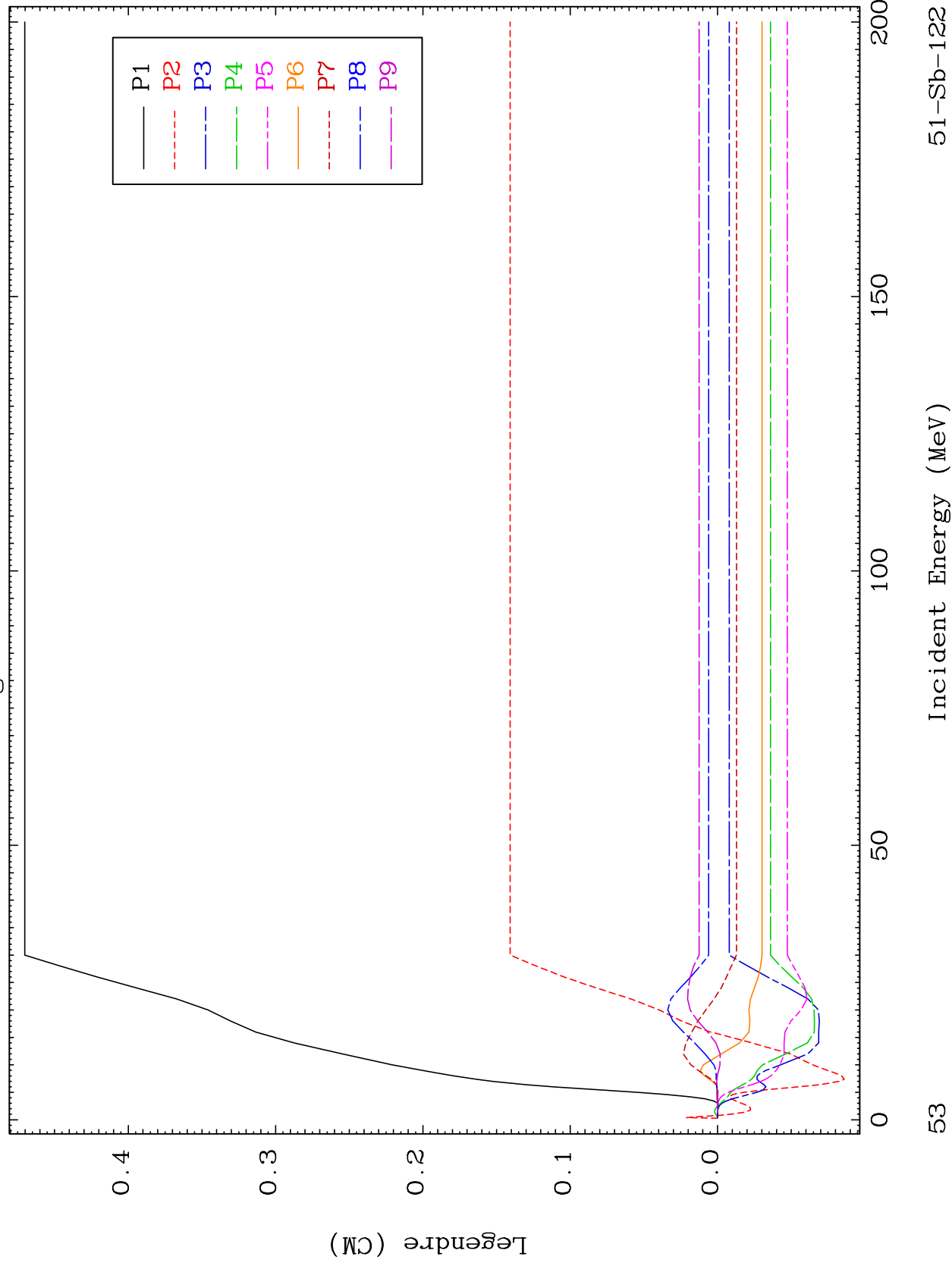
51-Sb-122



52

Incident Energy (MeV)

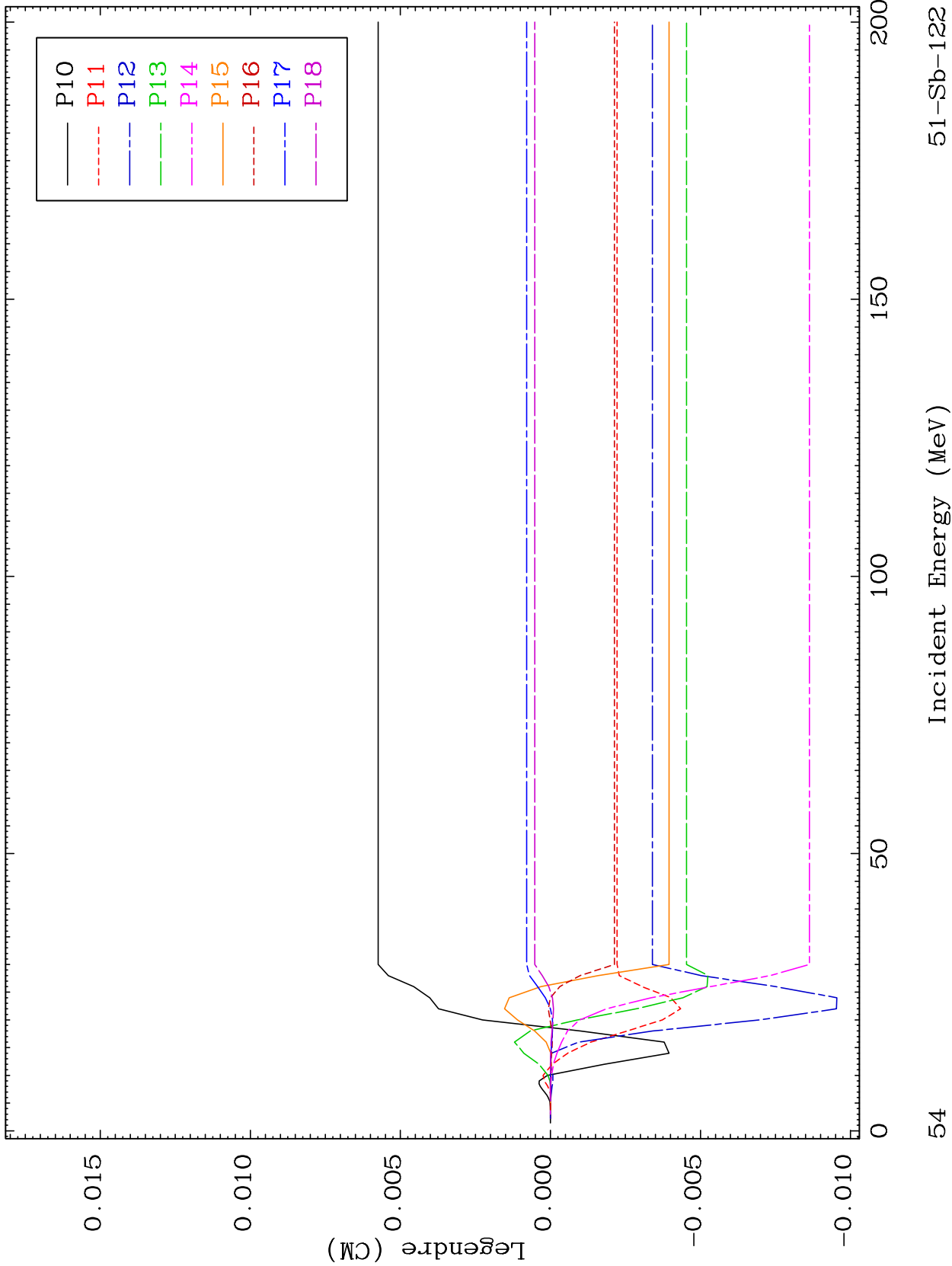
51-Sb-122



MAT 5128

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

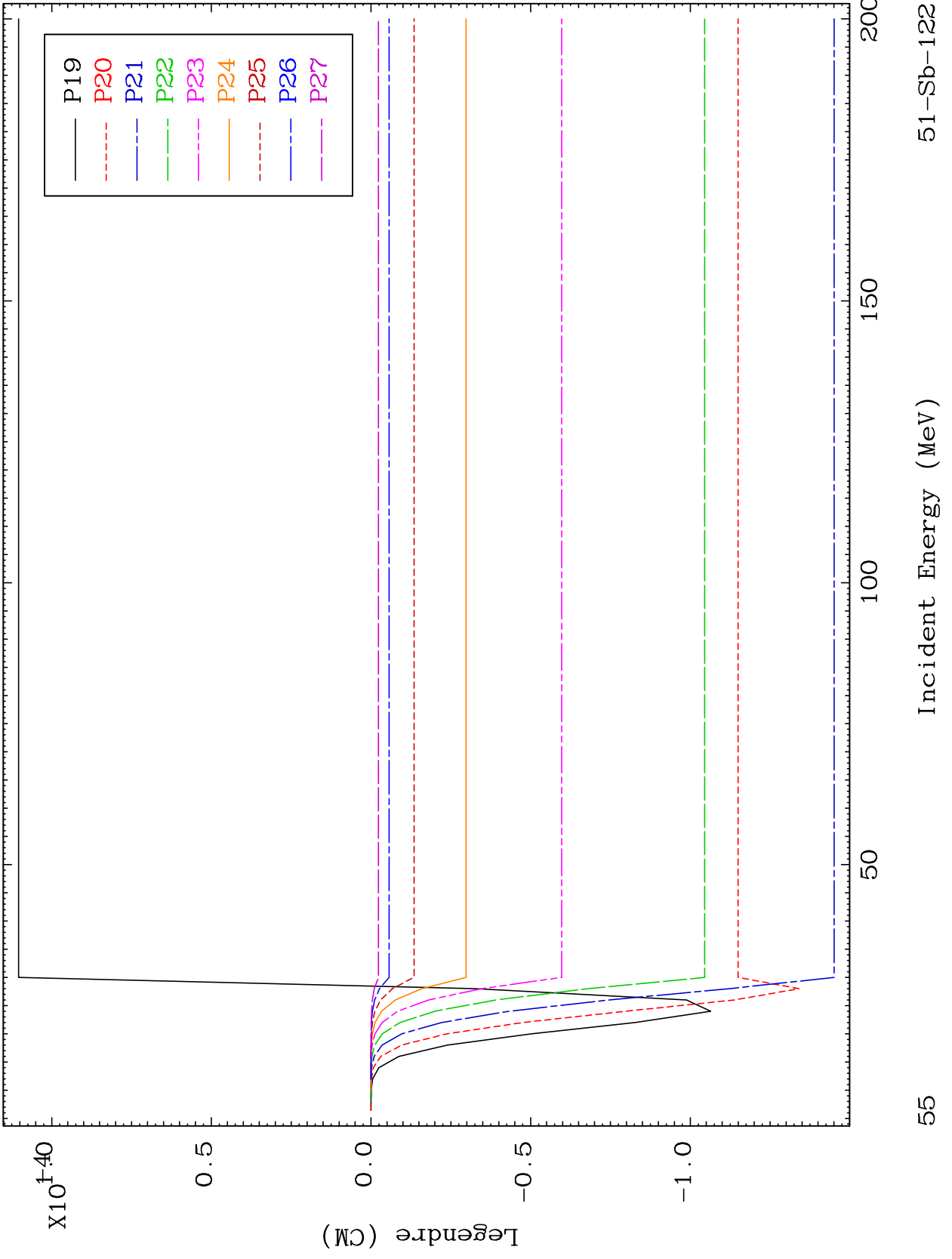
51-Sb-122



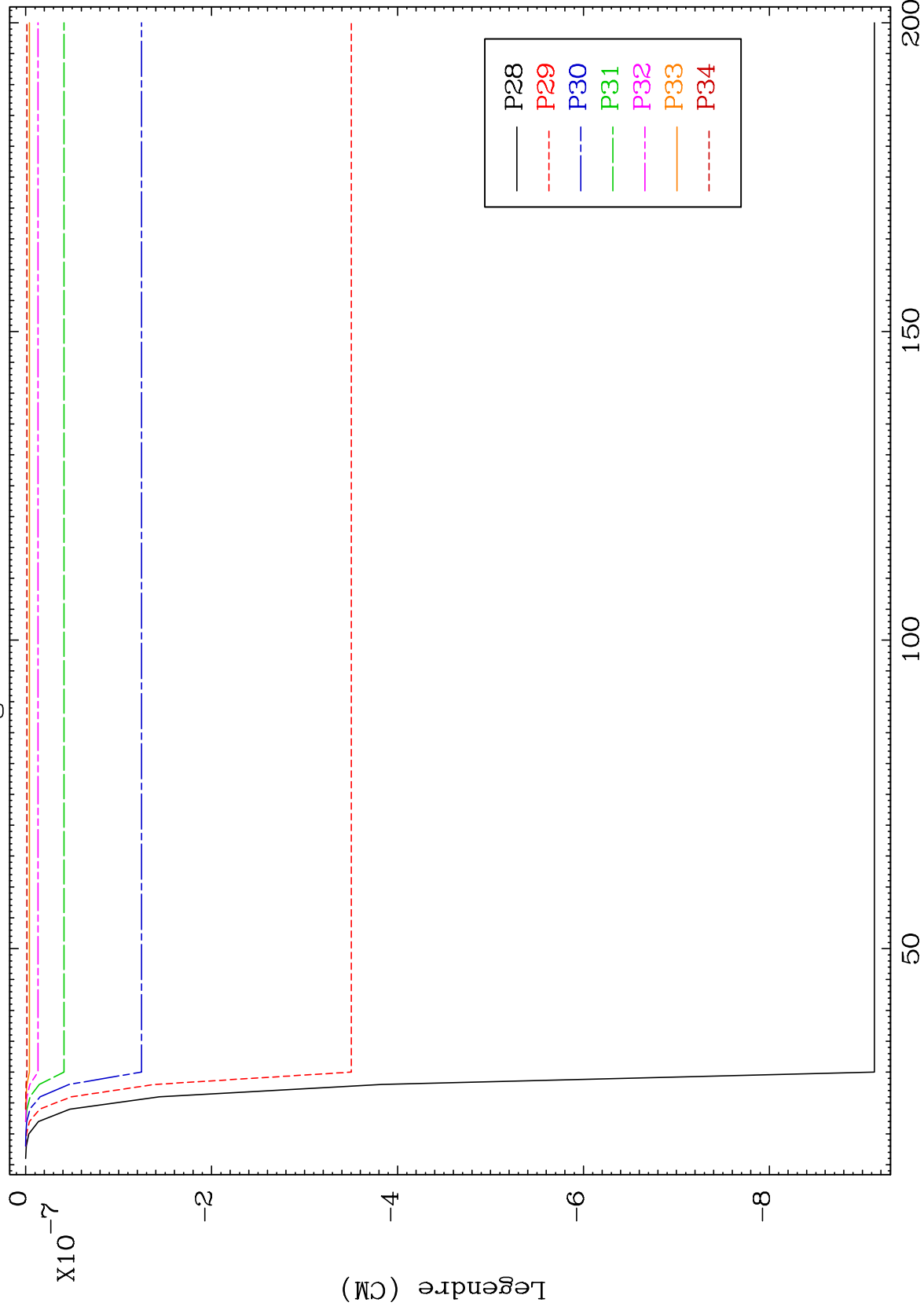
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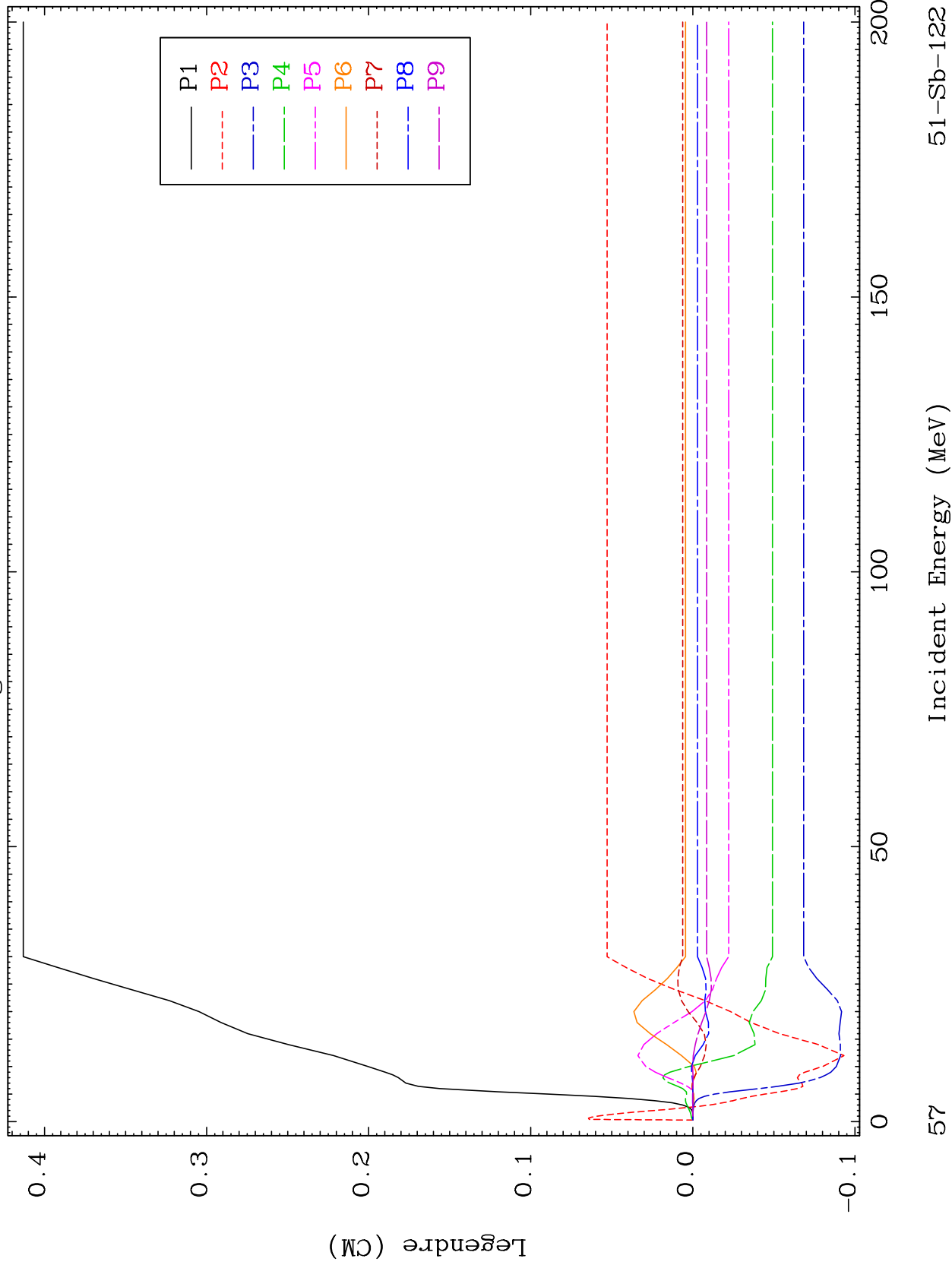
Incident Energy (MeV)

51-Sb-122



Legendre Coefficients

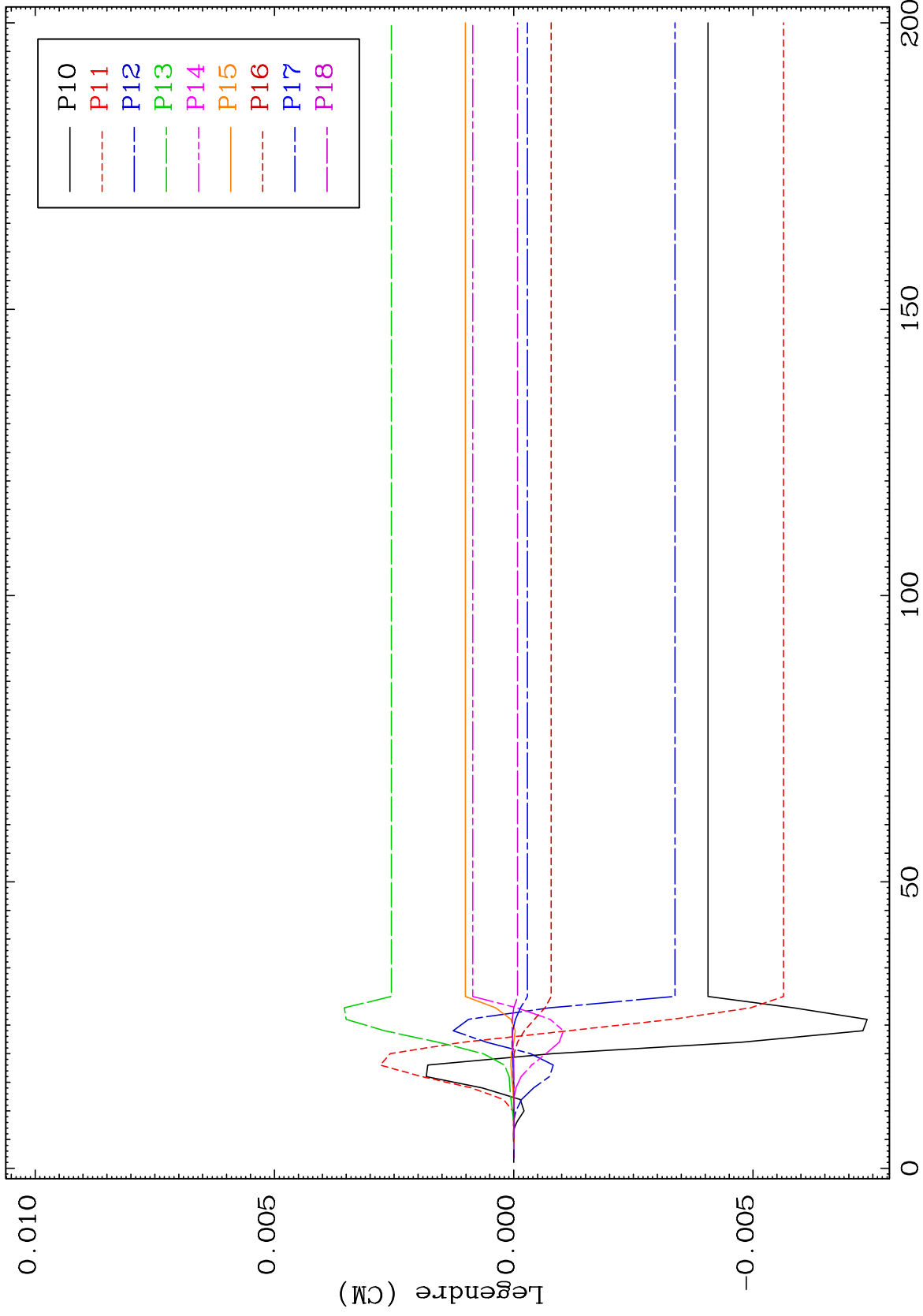




MAT 5128

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

51-Sb-122



58

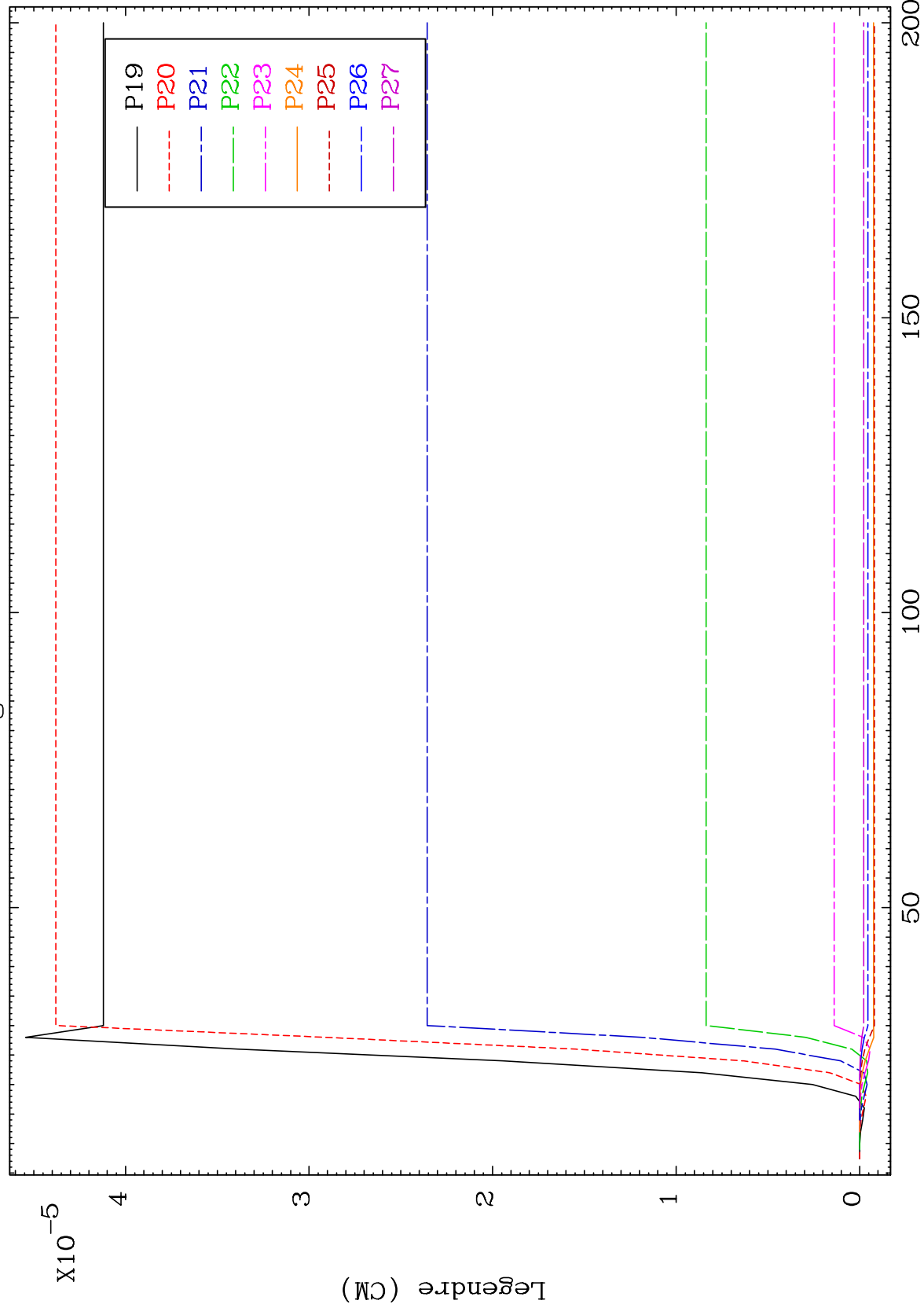
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



59

Incident Energy (MeV)

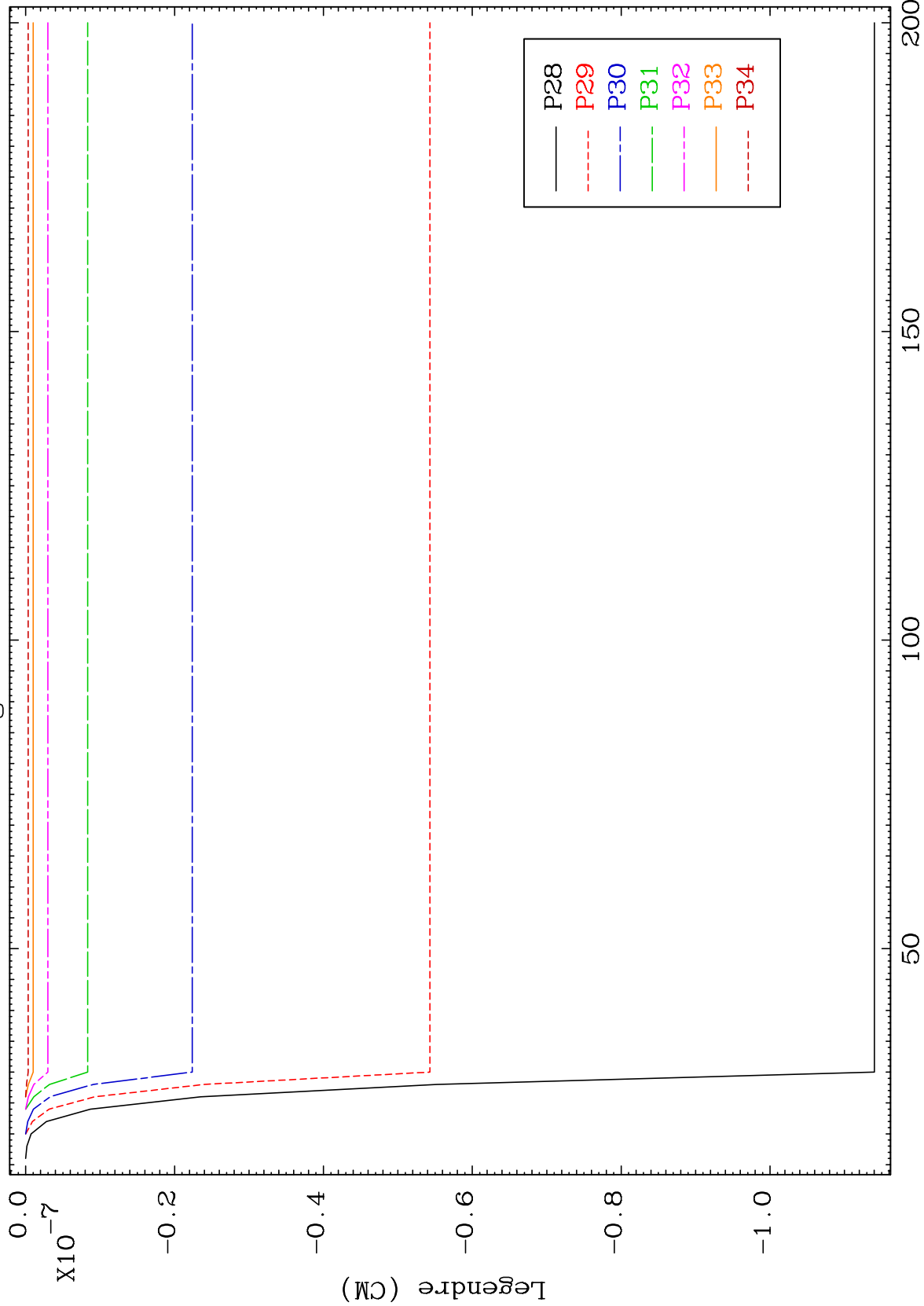
51-Sb-122

MAT 5128

MT= 62 (n,n') Level

51-Sb-122

Legendre Coefficients



60

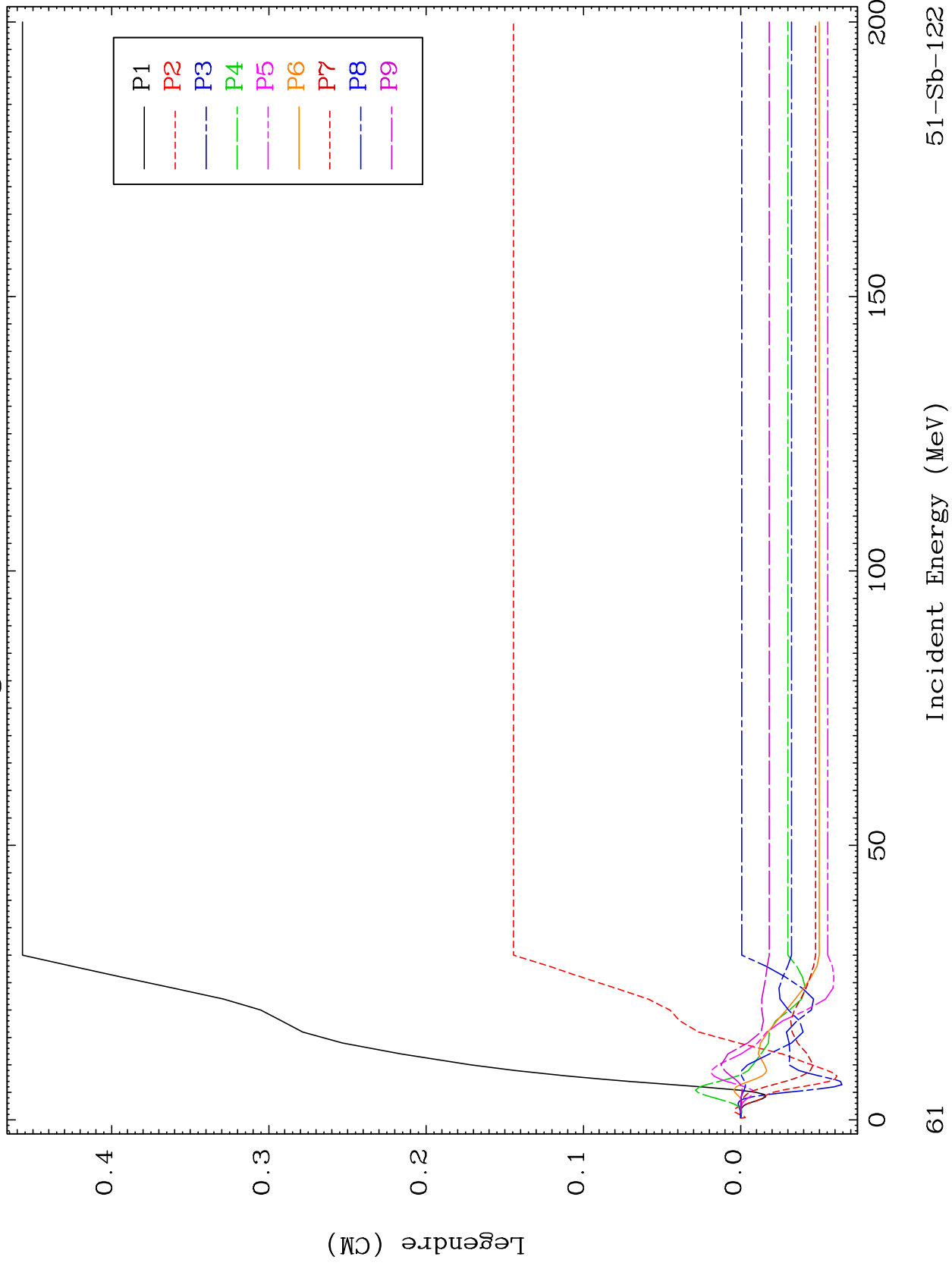
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

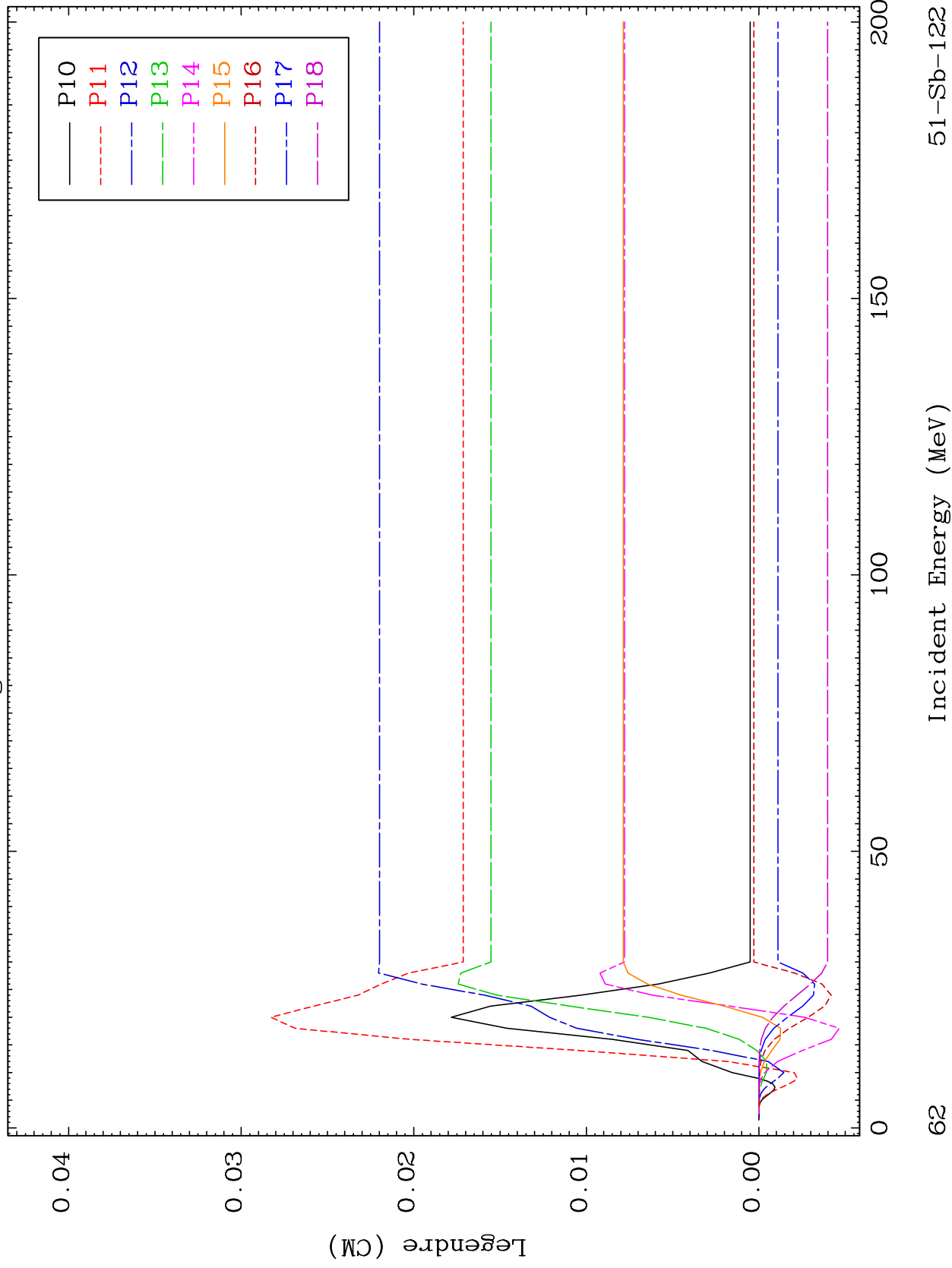
Incident Energy (MeV)

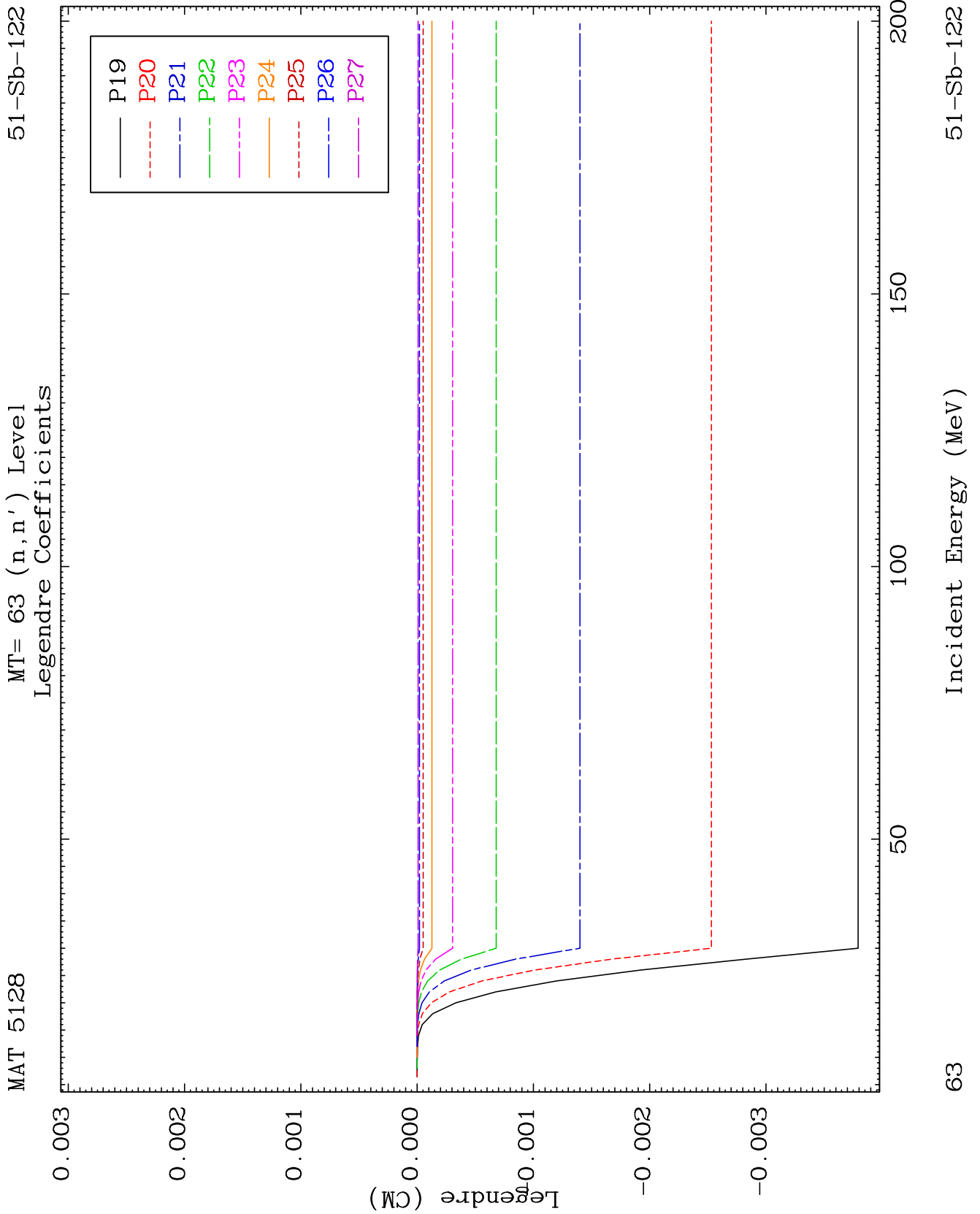
61

MAT 5128

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

51-Sb-122

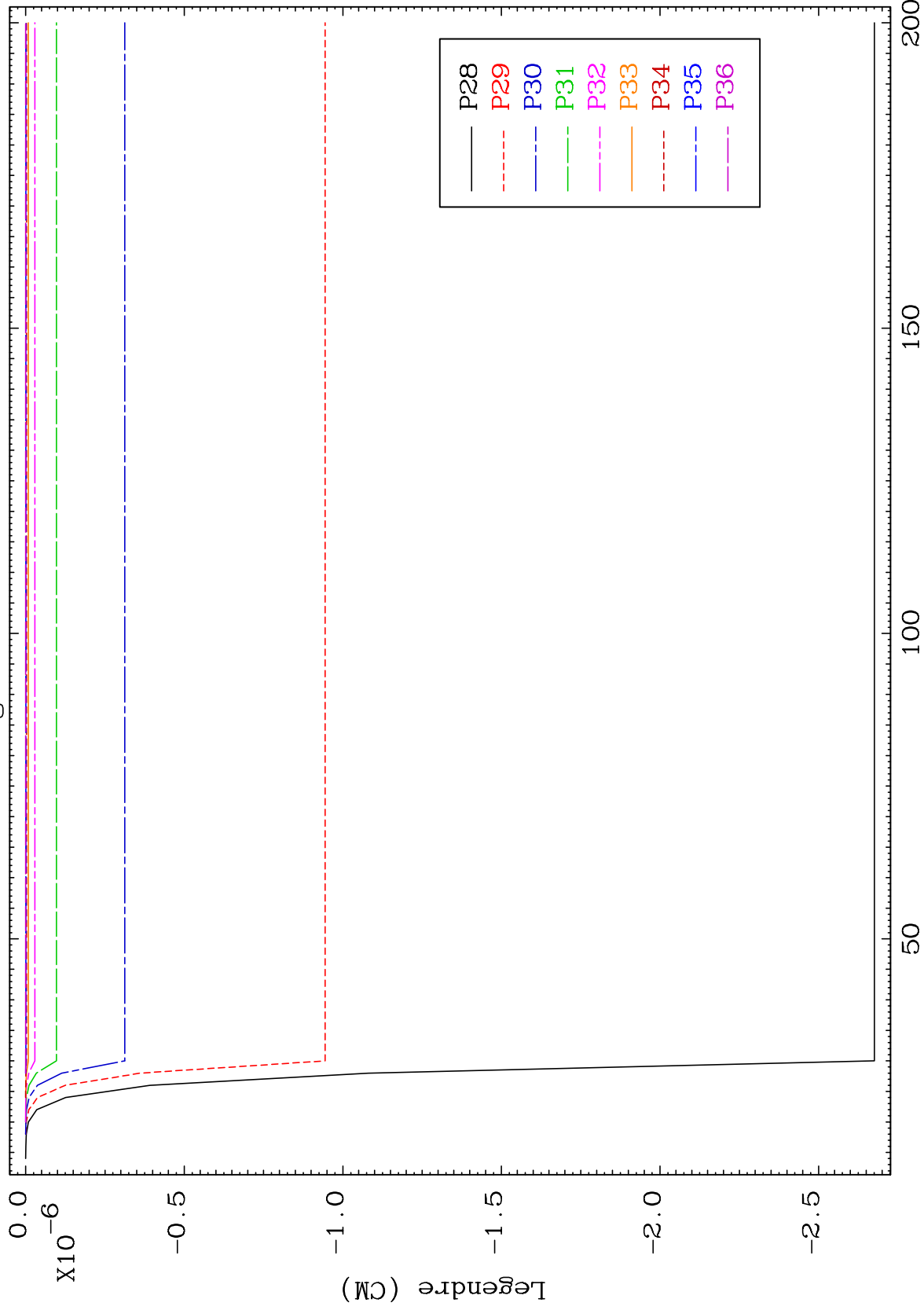




MAT 5128

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

51-Sb-122



64

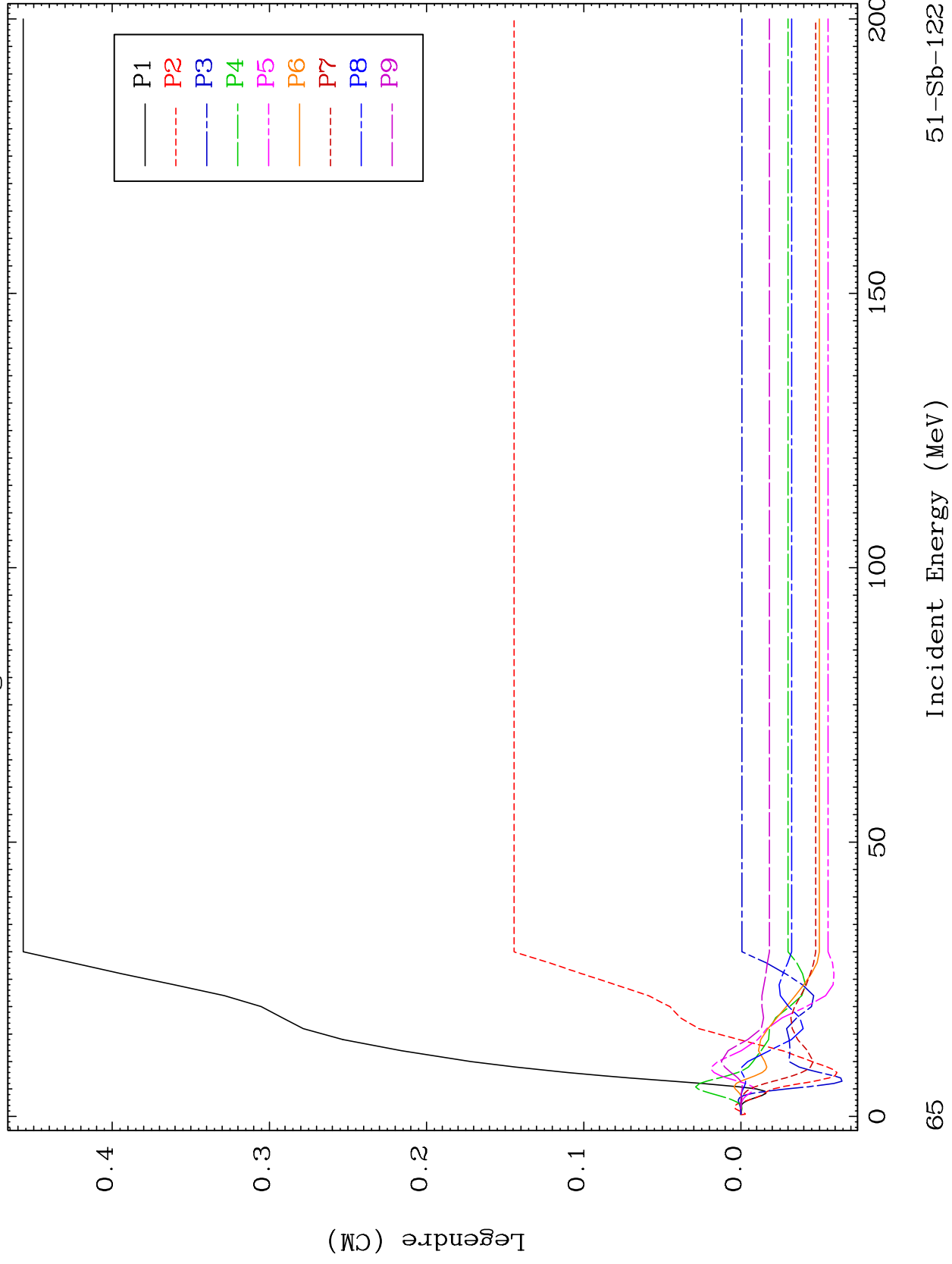
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

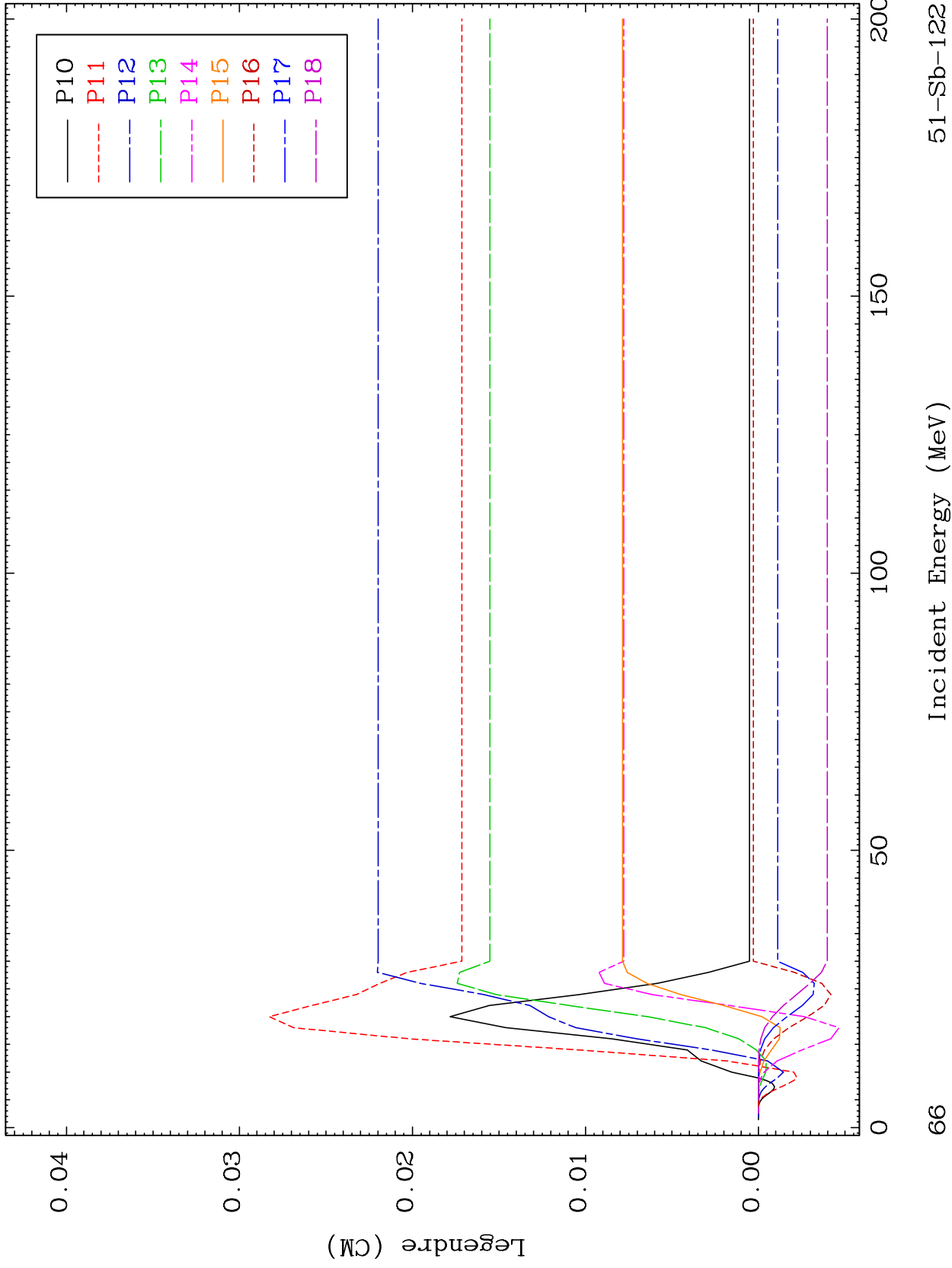
Incident Energy (MeV)

65

MAT 5128

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

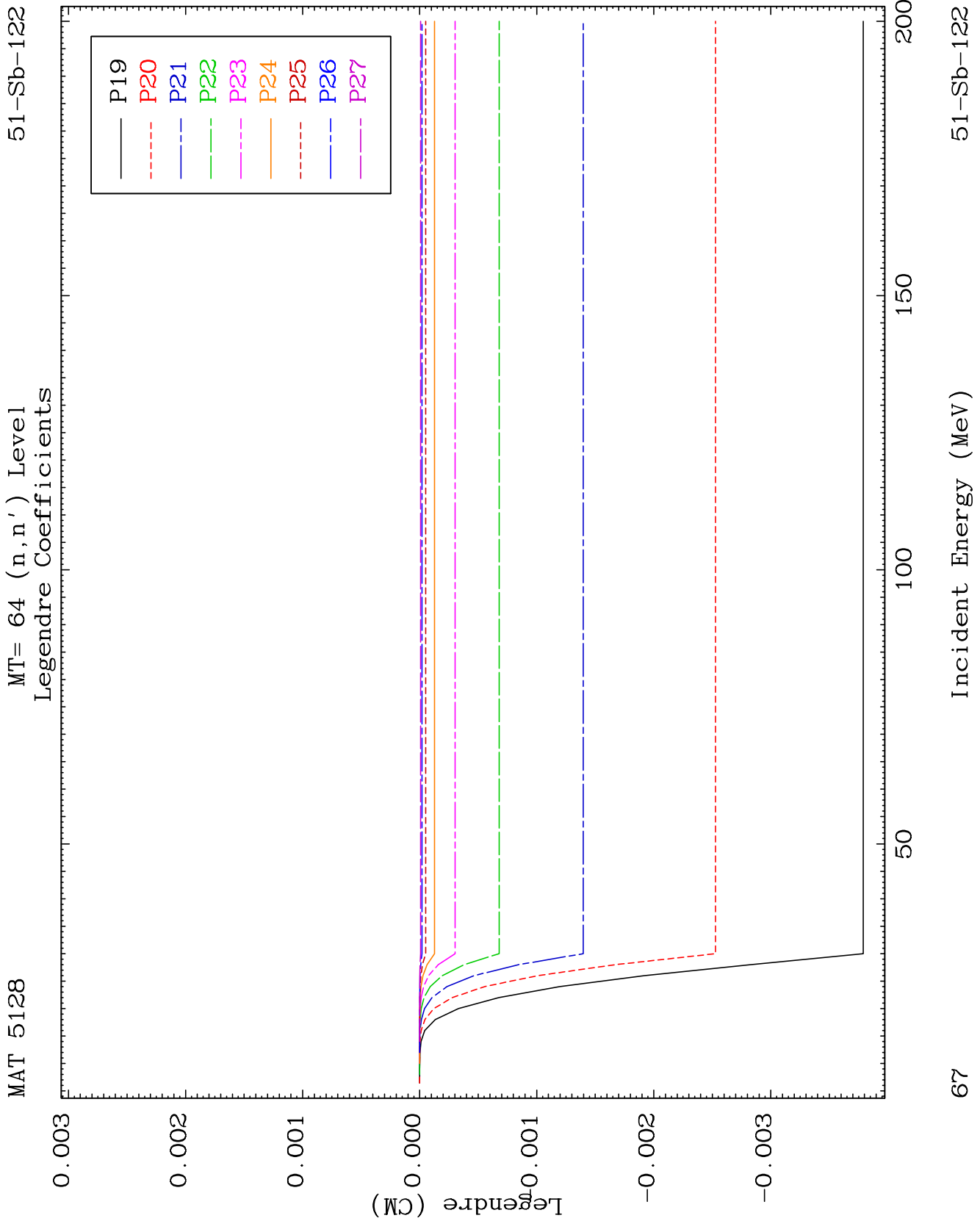
51-Sb-122



51-Sb-122

Incident Energy (MeV)

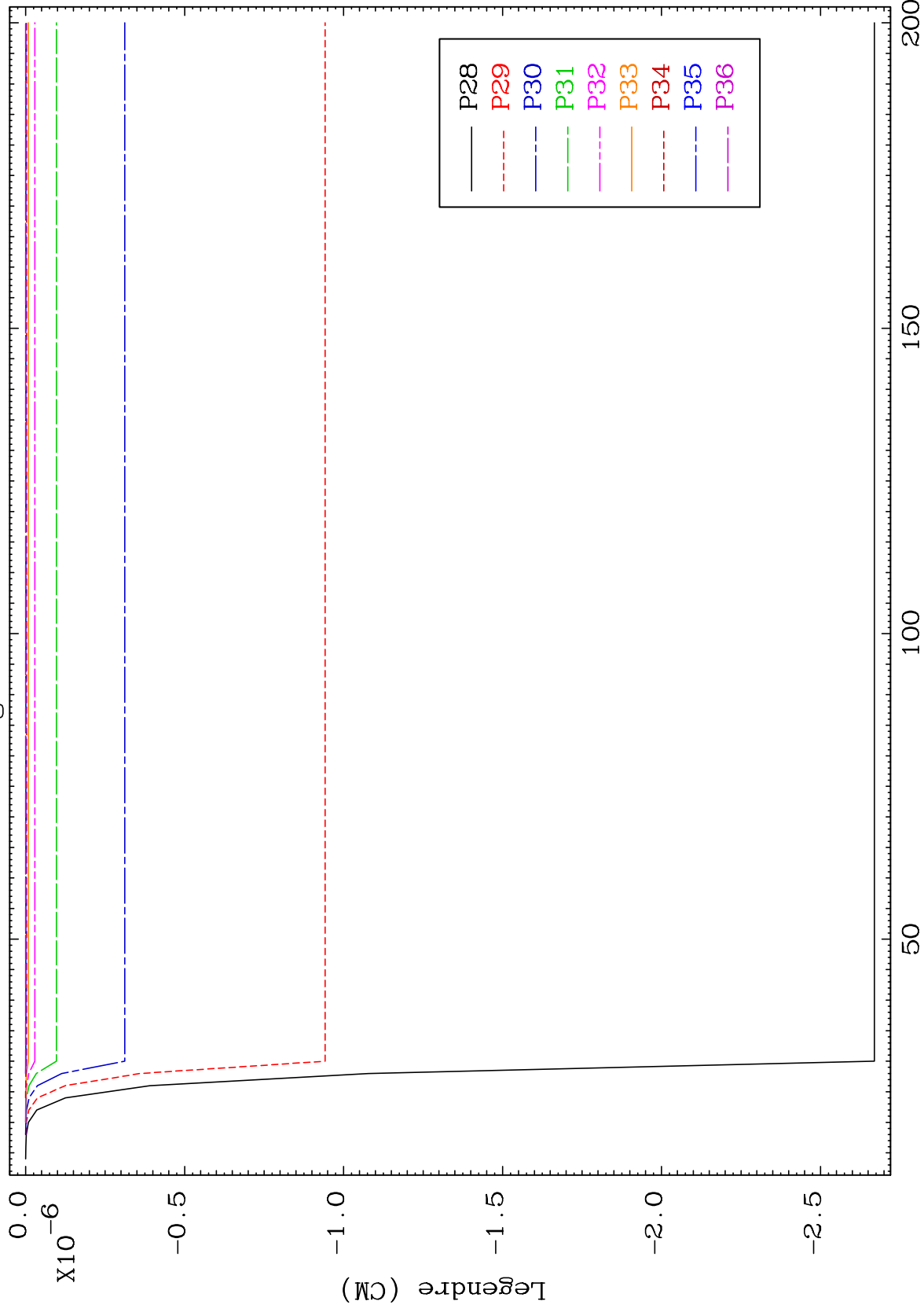
66



MAT 5128

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

51-Sb-122



68

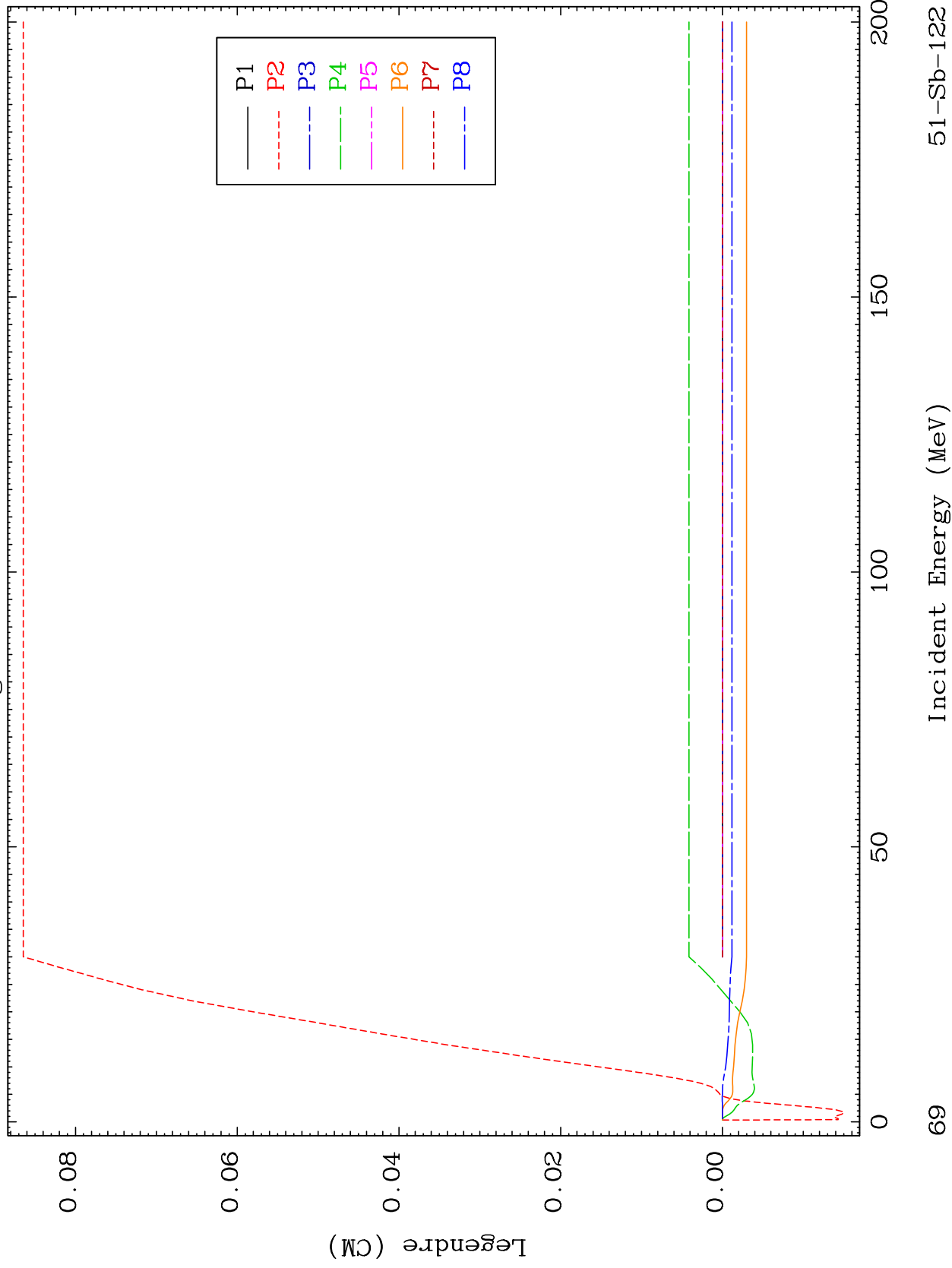
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

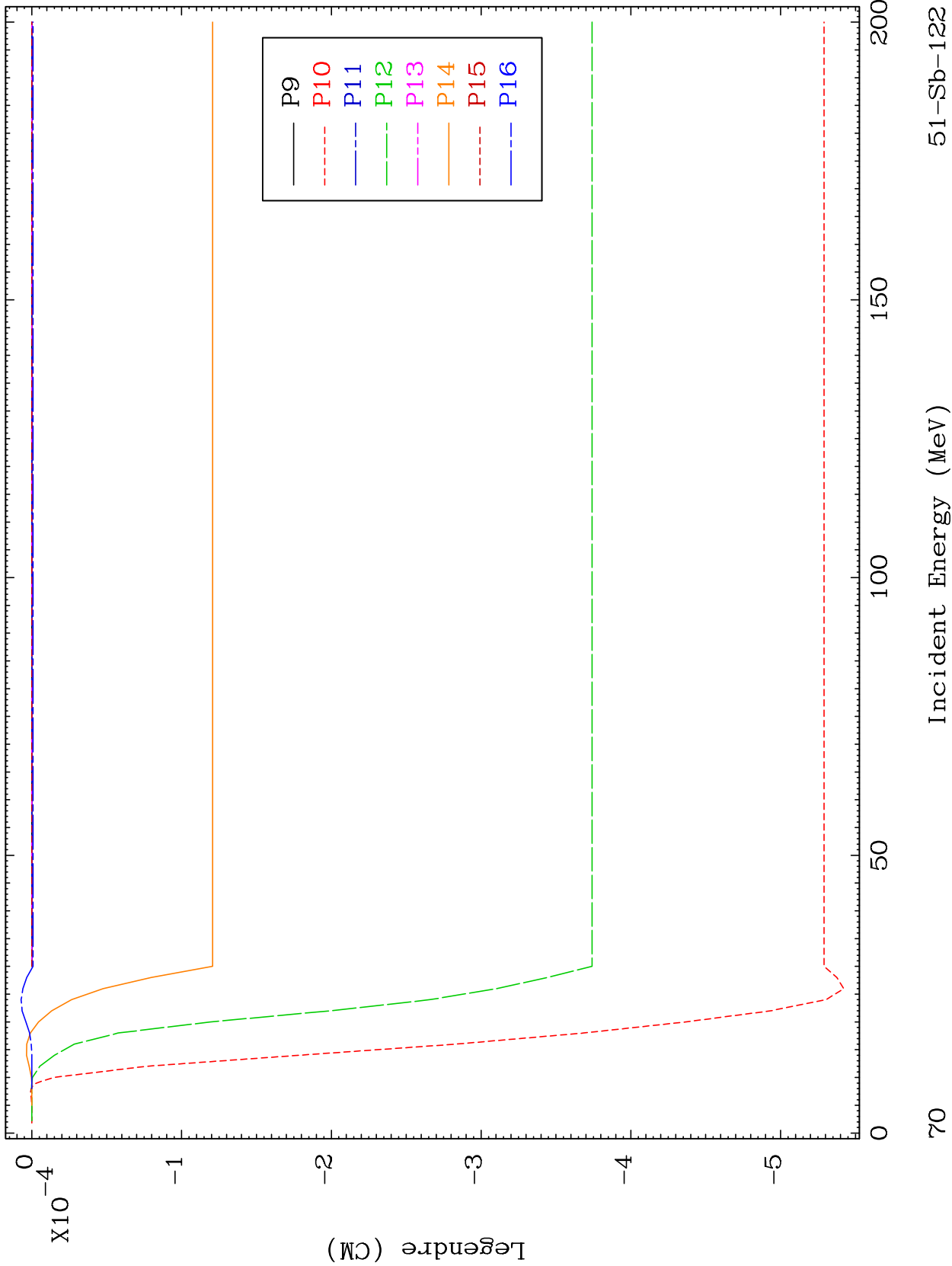
Incident Energy (MeV)

69

MAT 5128

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

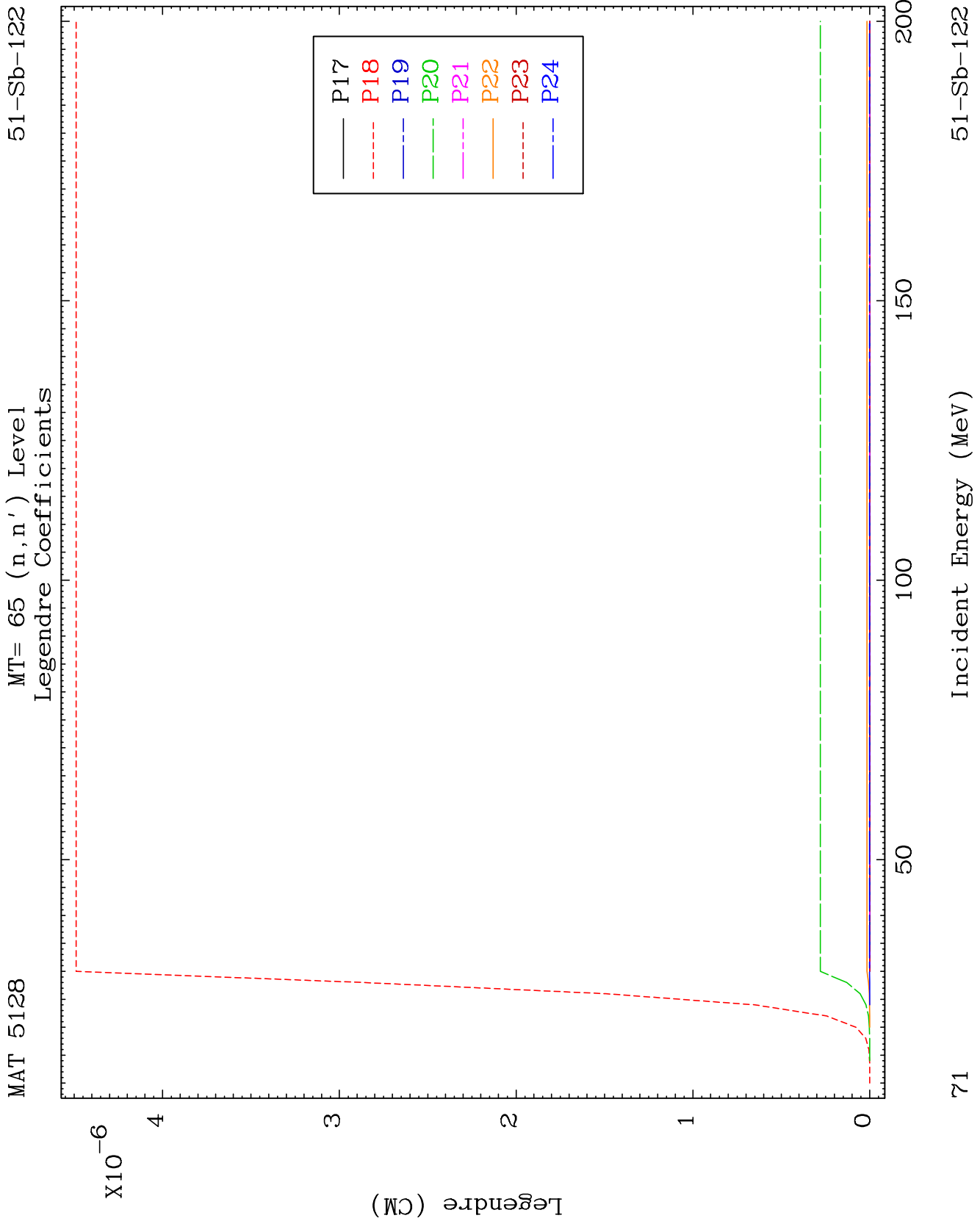
51-Sb-122



51-Sb-122

Incident Energy (MeV)

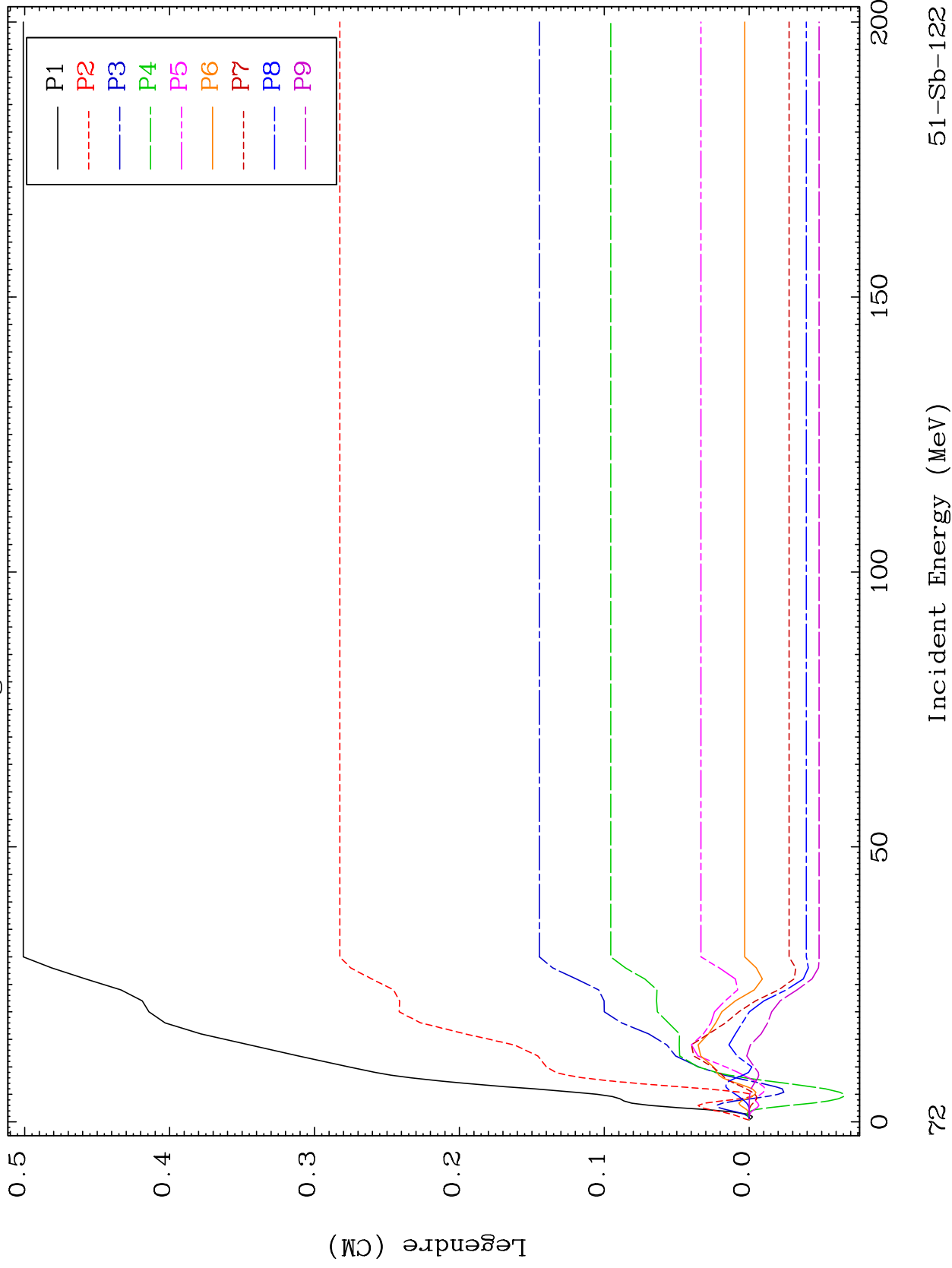
70



MAT 5128

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

51-Sb-122



51-Sb-122

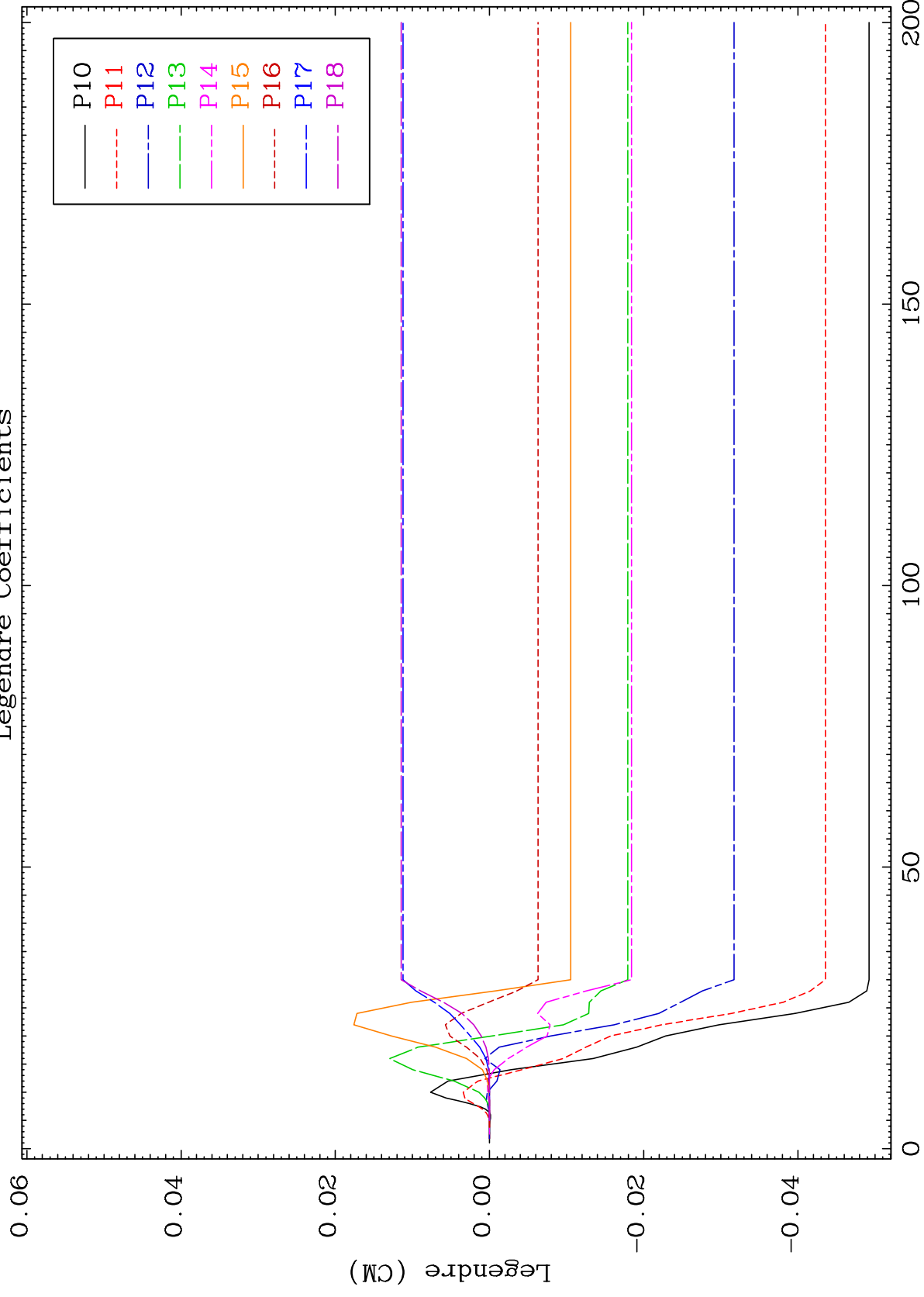
Incident Energy (MeV)

72

MAT 5128

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

51-Sb-122



73

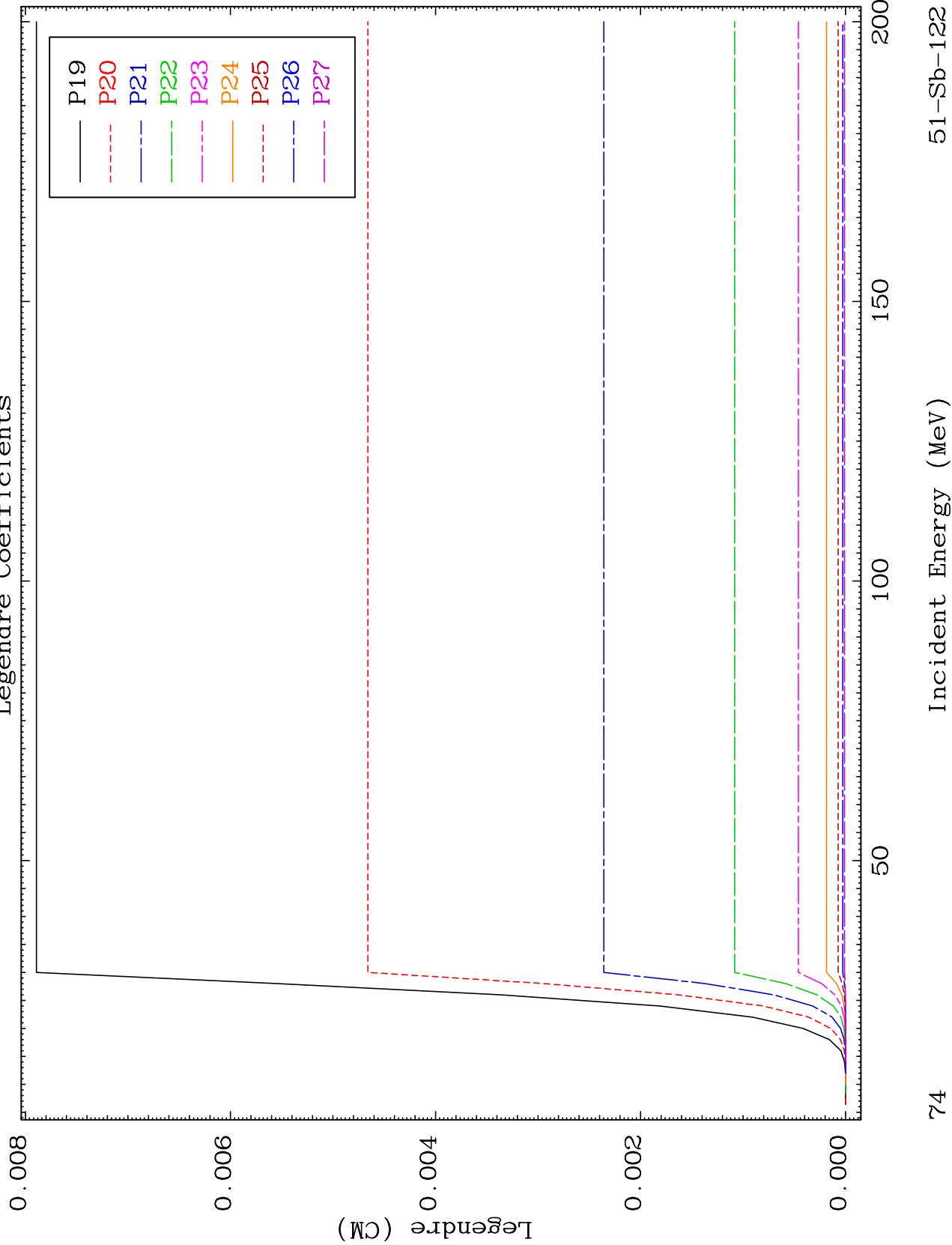
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



74

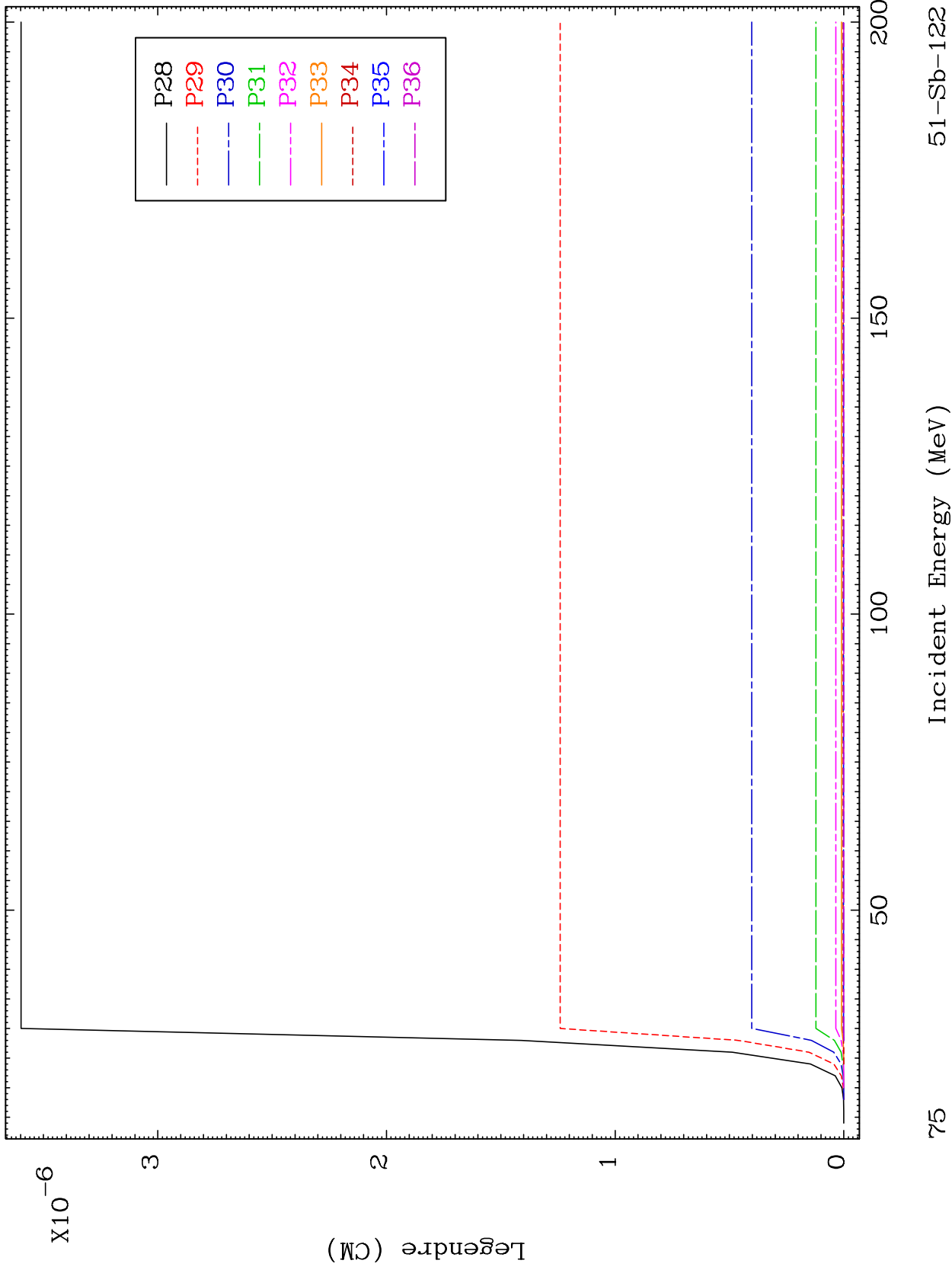
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



75

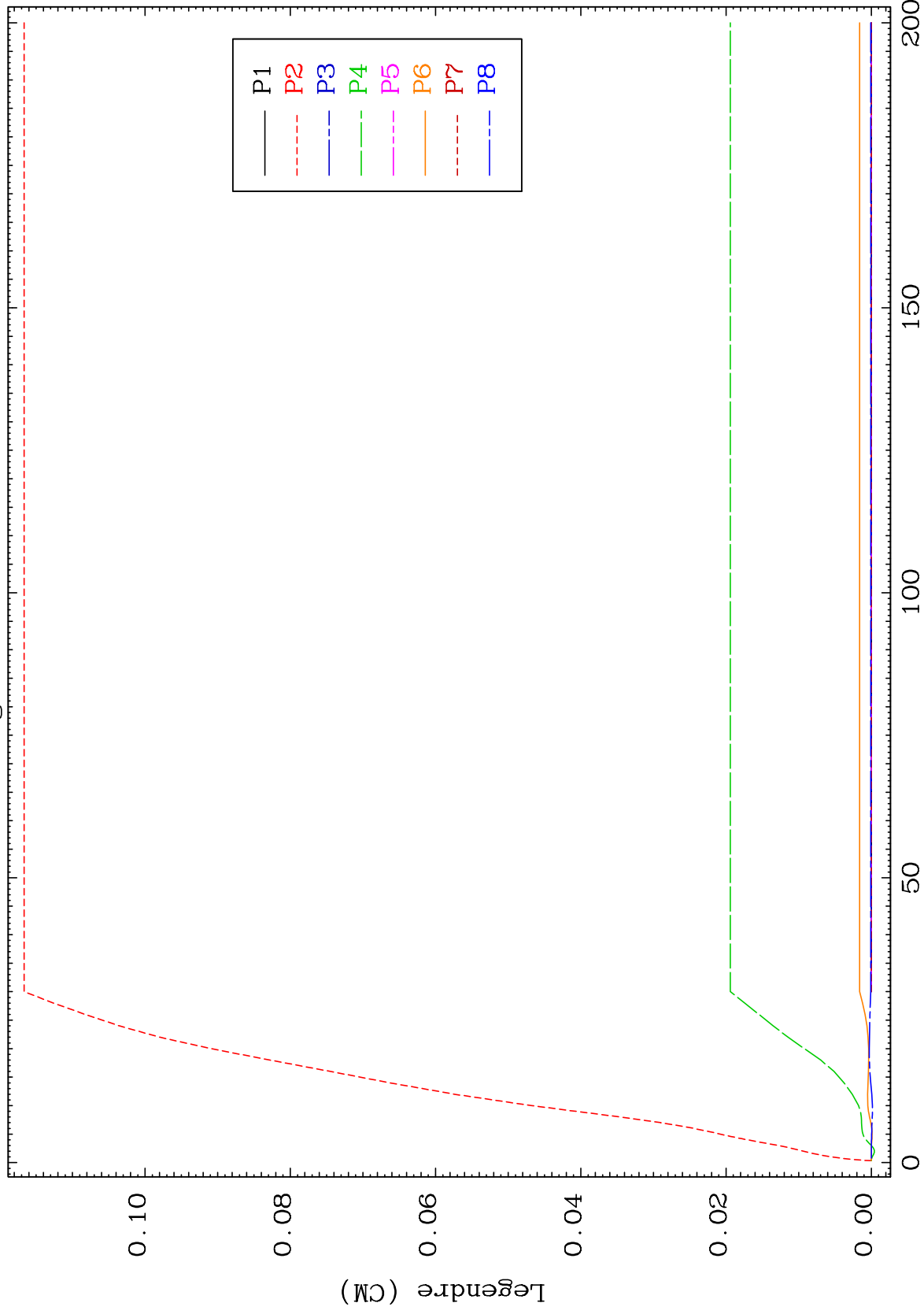
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



76

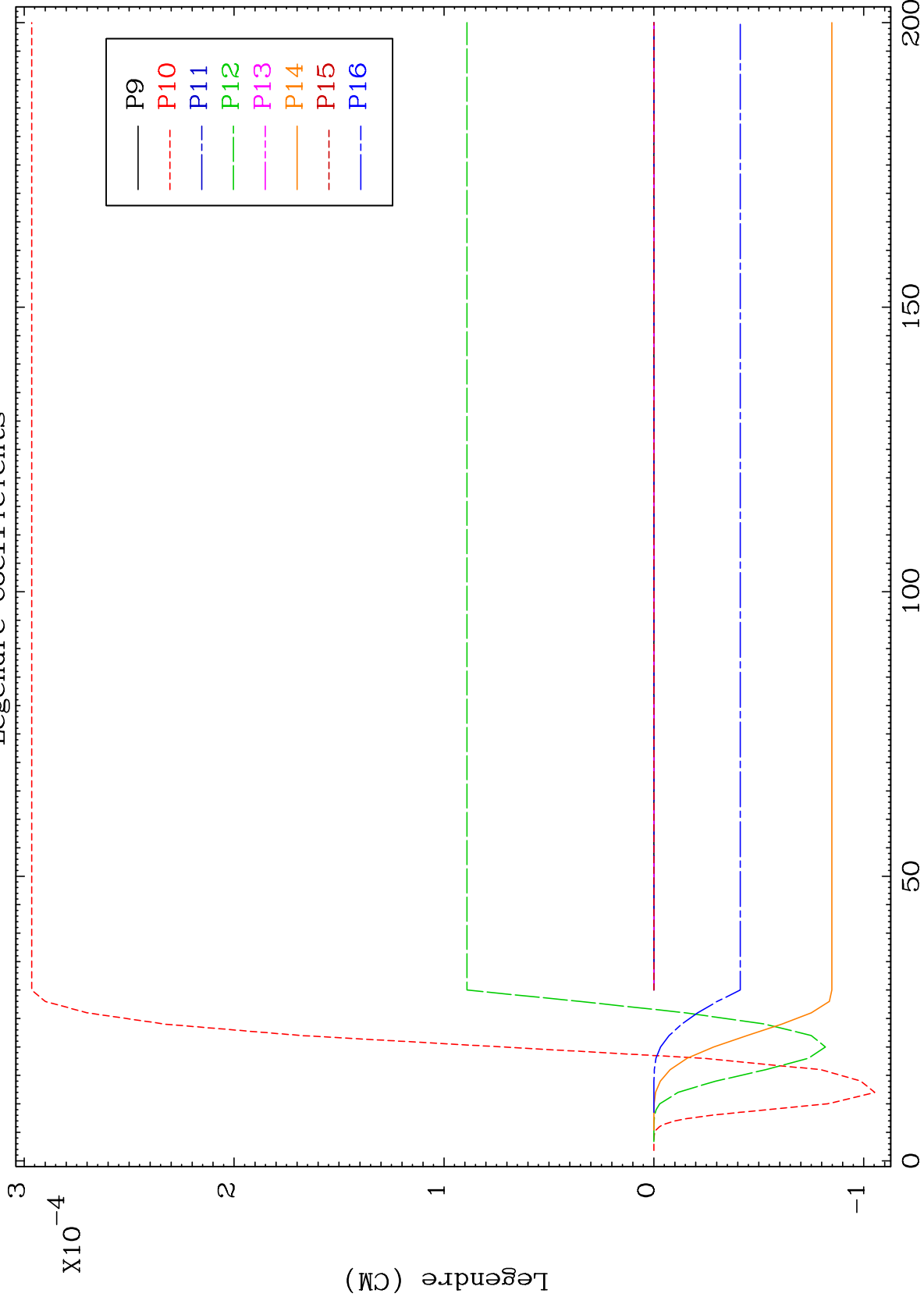
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



77

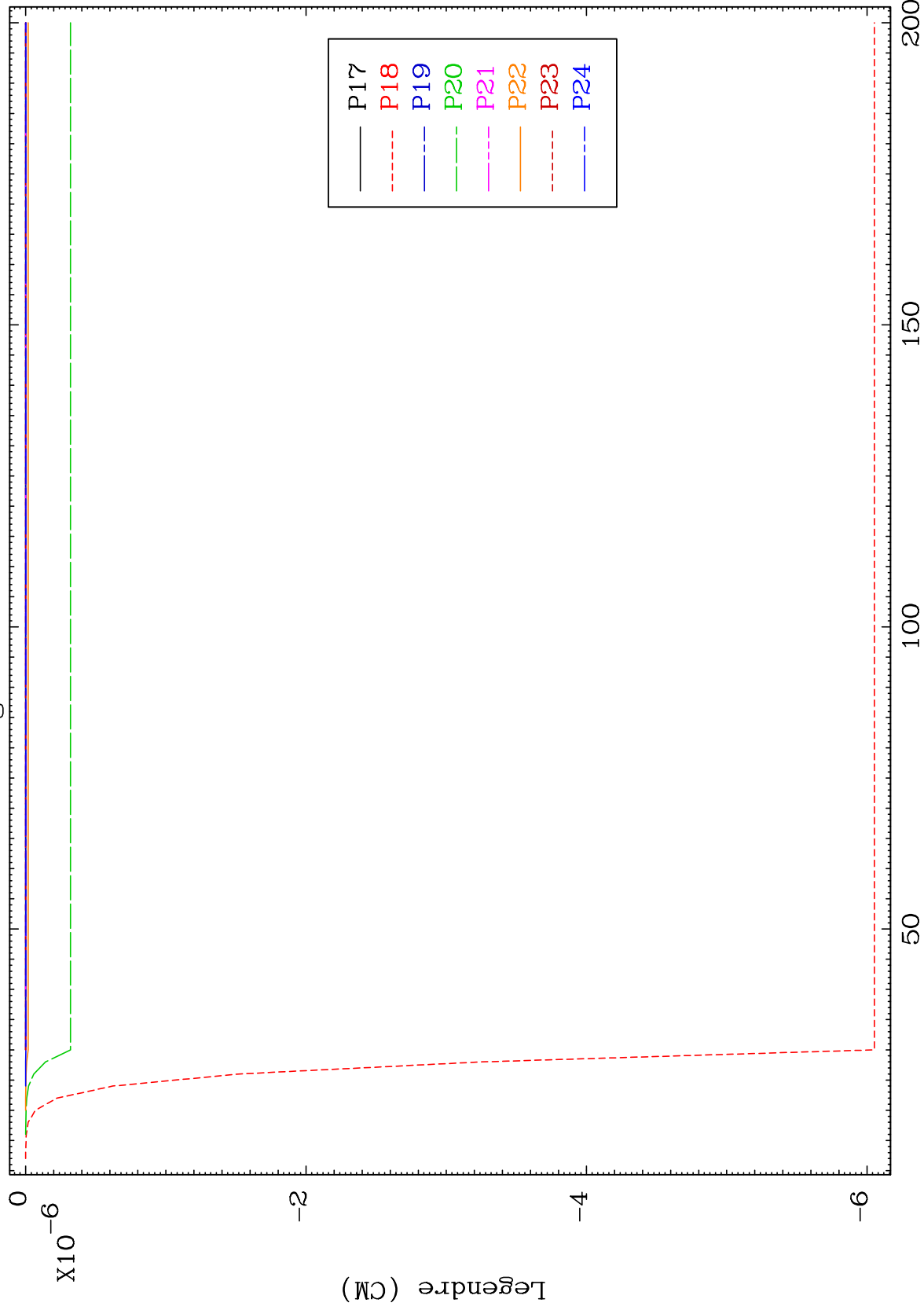
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



78

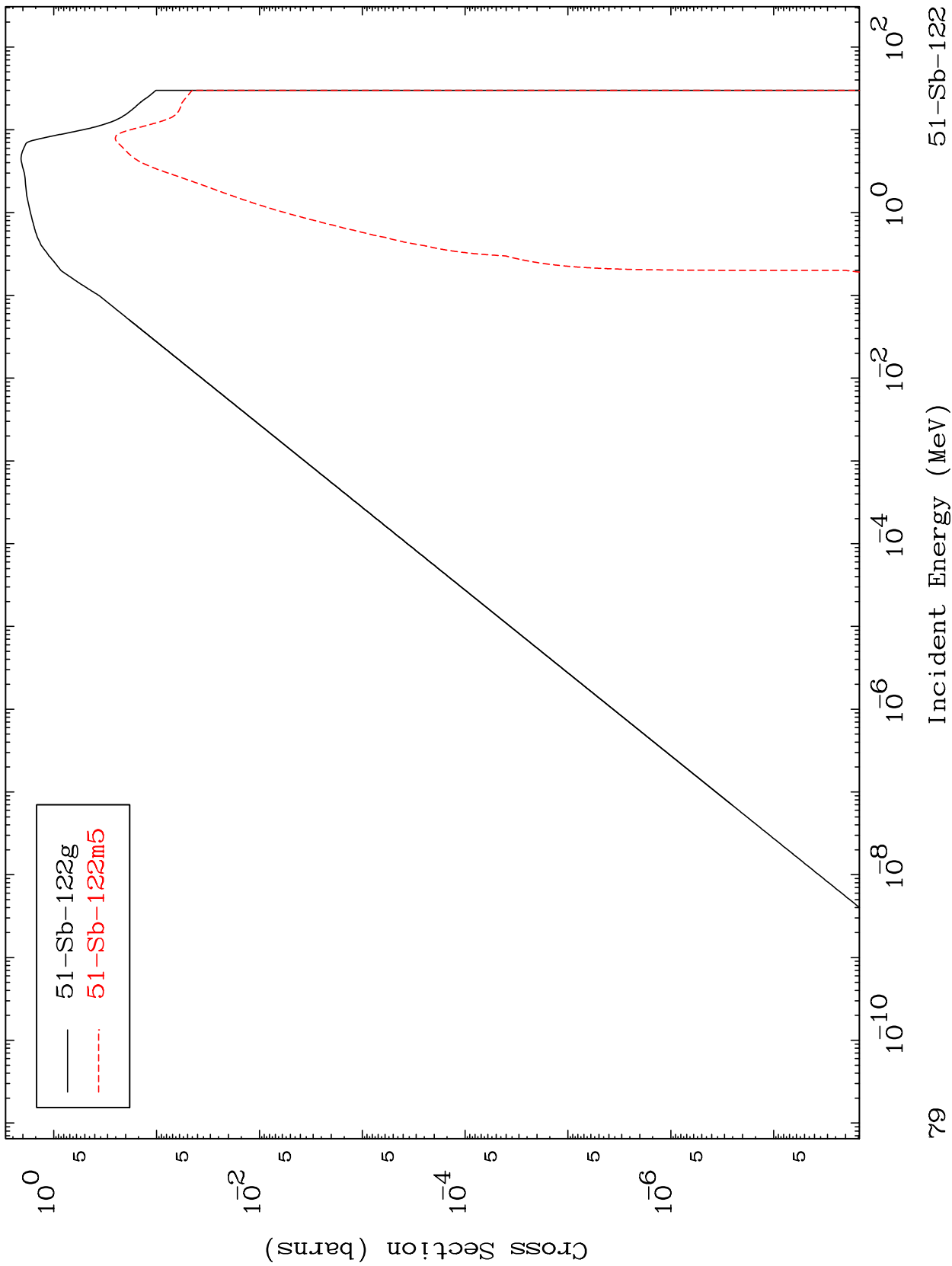
Incident Energy (MeV)

51-Sb-122

MAT 5128

51-Sb-122

Inelastic
Radionuclide Production Cross Section

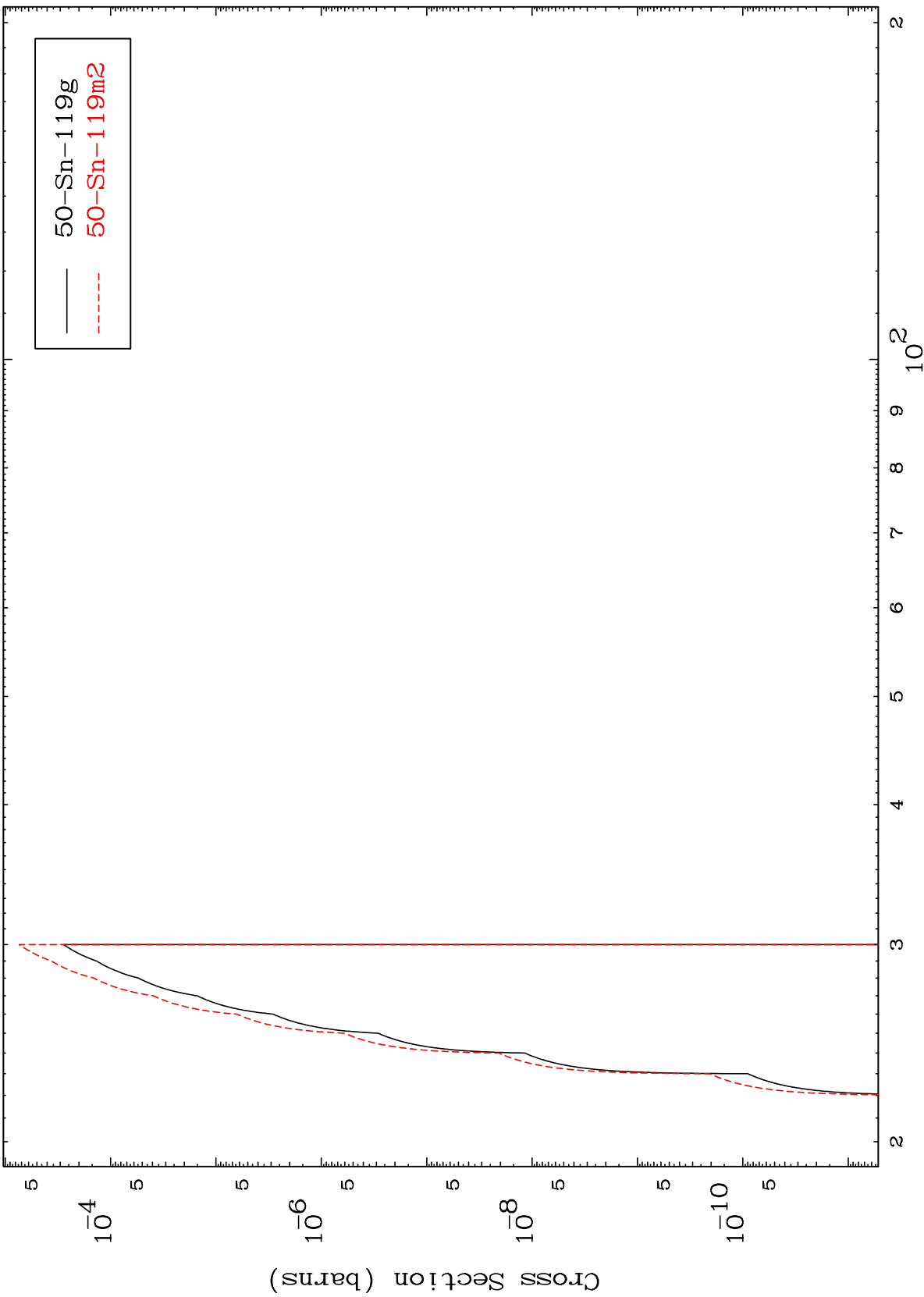


MAT 5128

(n,2n) d

51-Sb-122

Radionuclide Production Cross Section

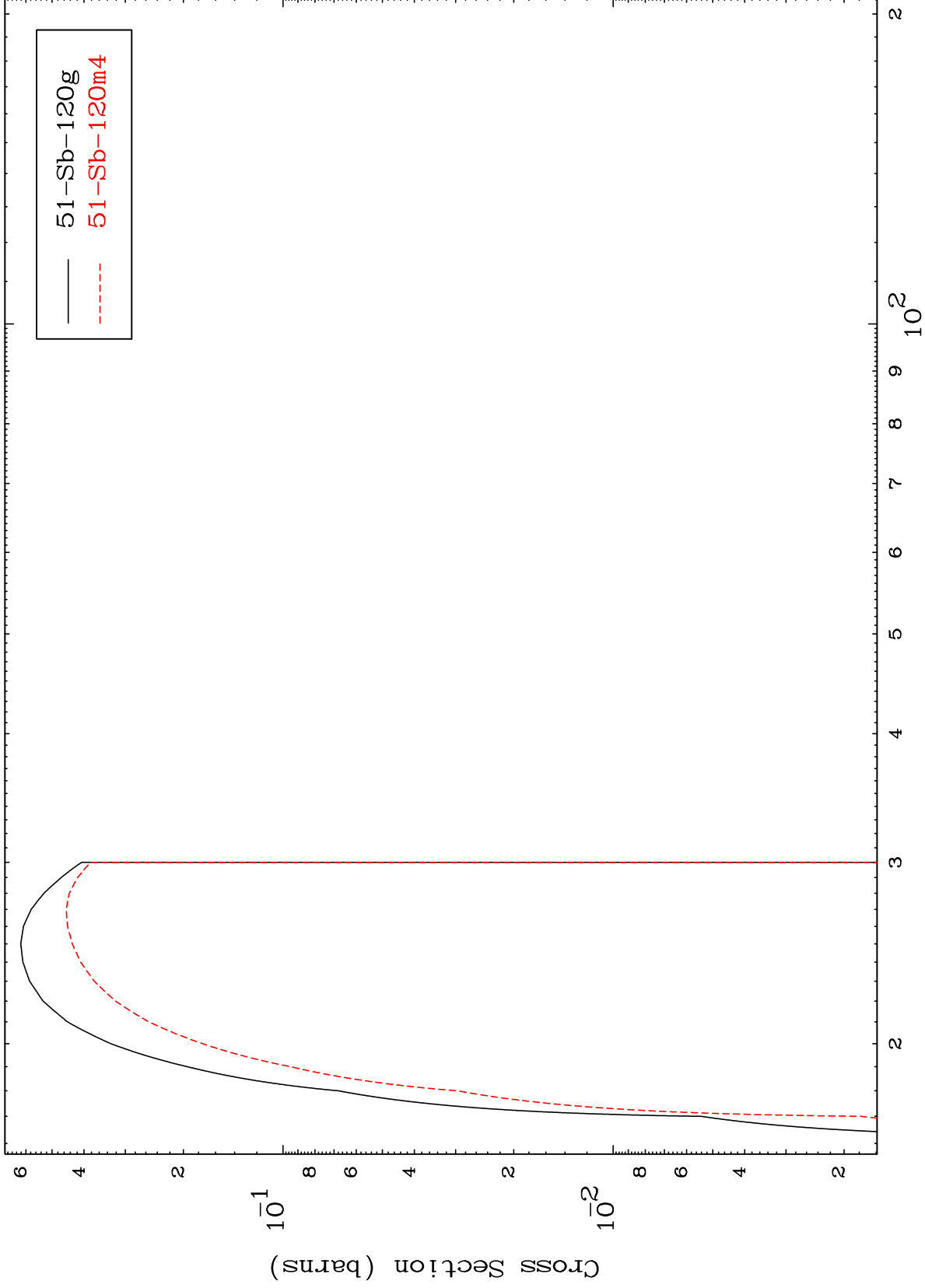


80

Incident Energy (MeV)

51-Sb-122

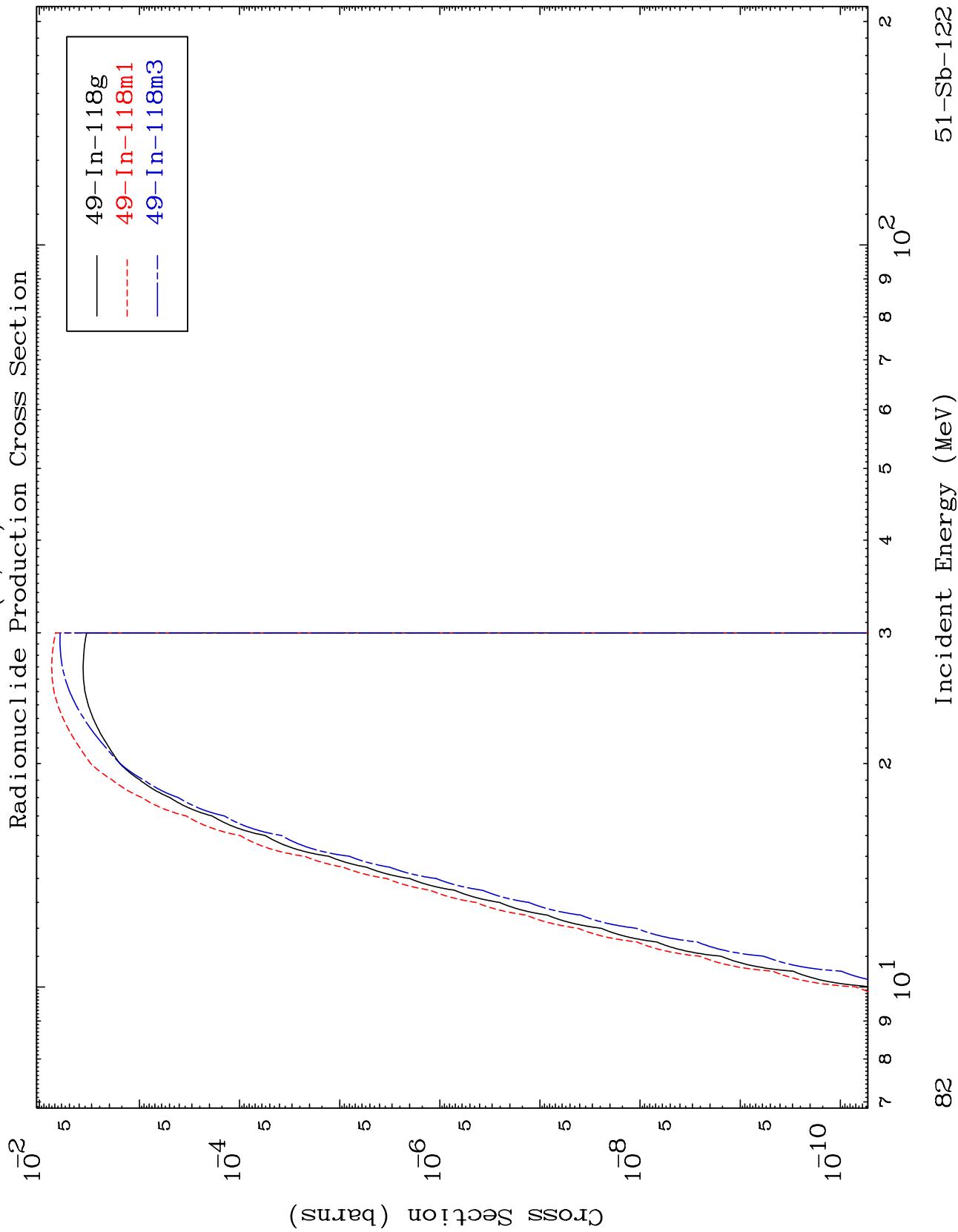
Radionuclide Production Cross Section



MAT 5128

$(n, n') \alpha$

51-Sb-122



82

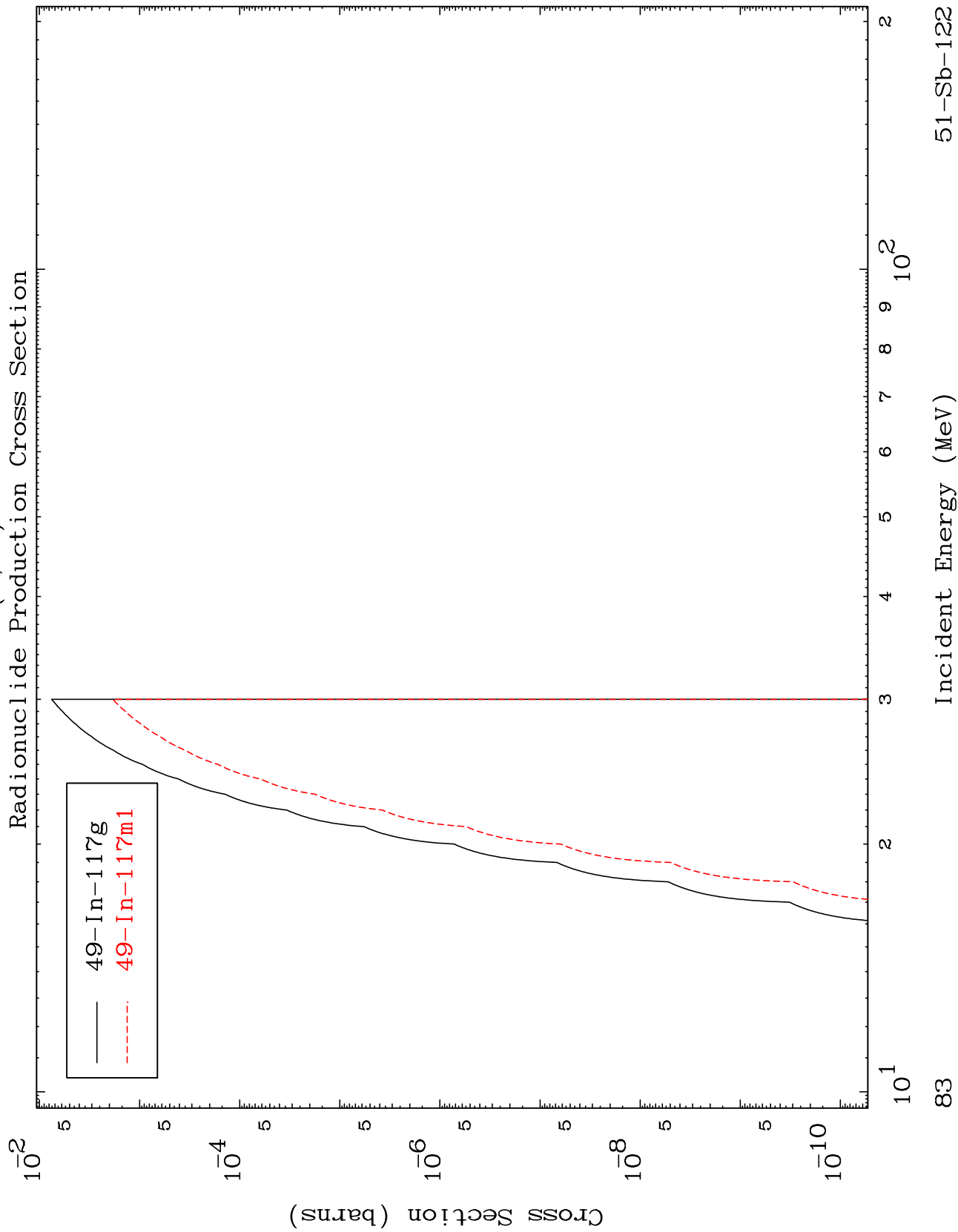
Incident Energy (MeV)

51-Sb-122

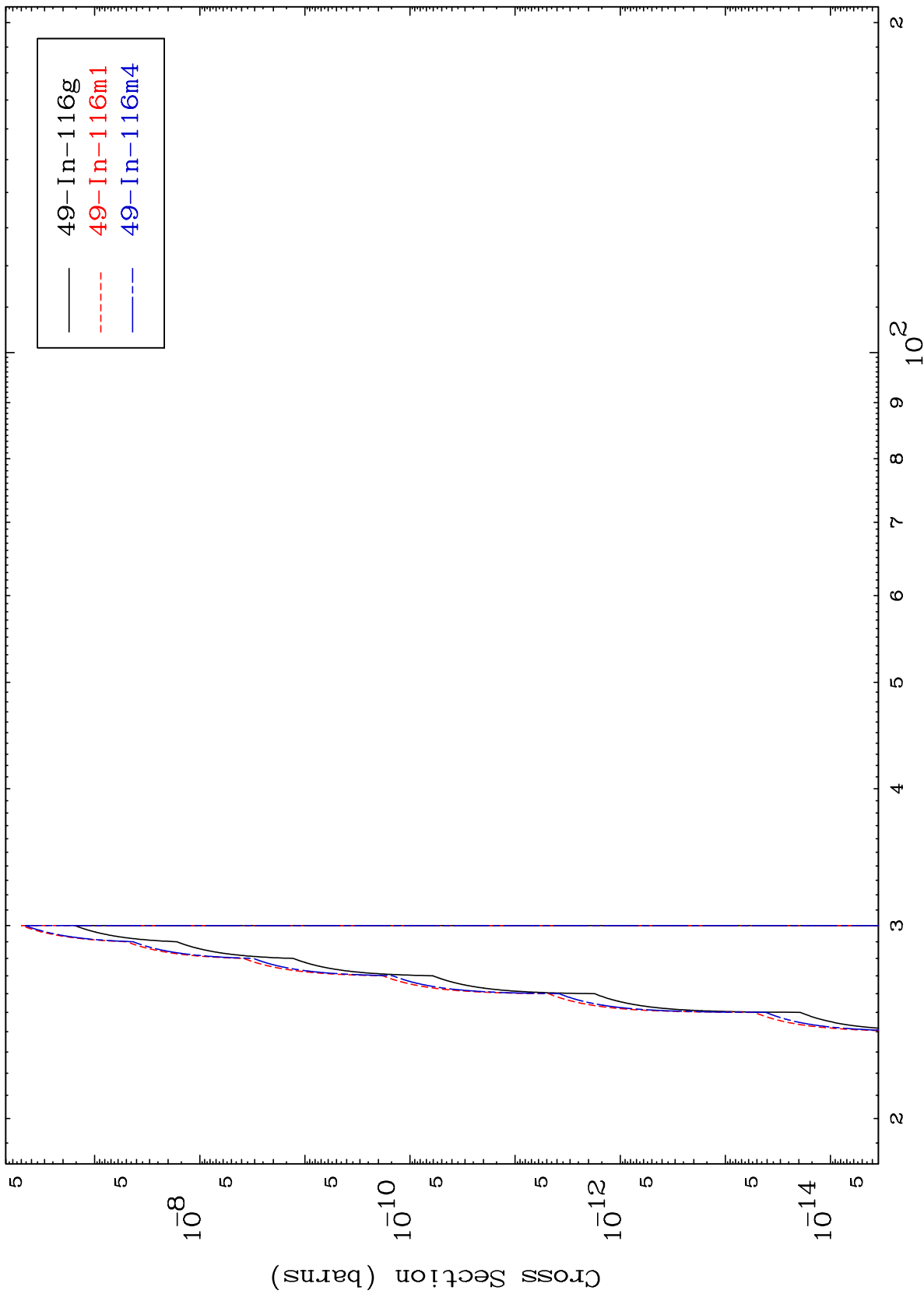
MAT 5128

(n,2n) α

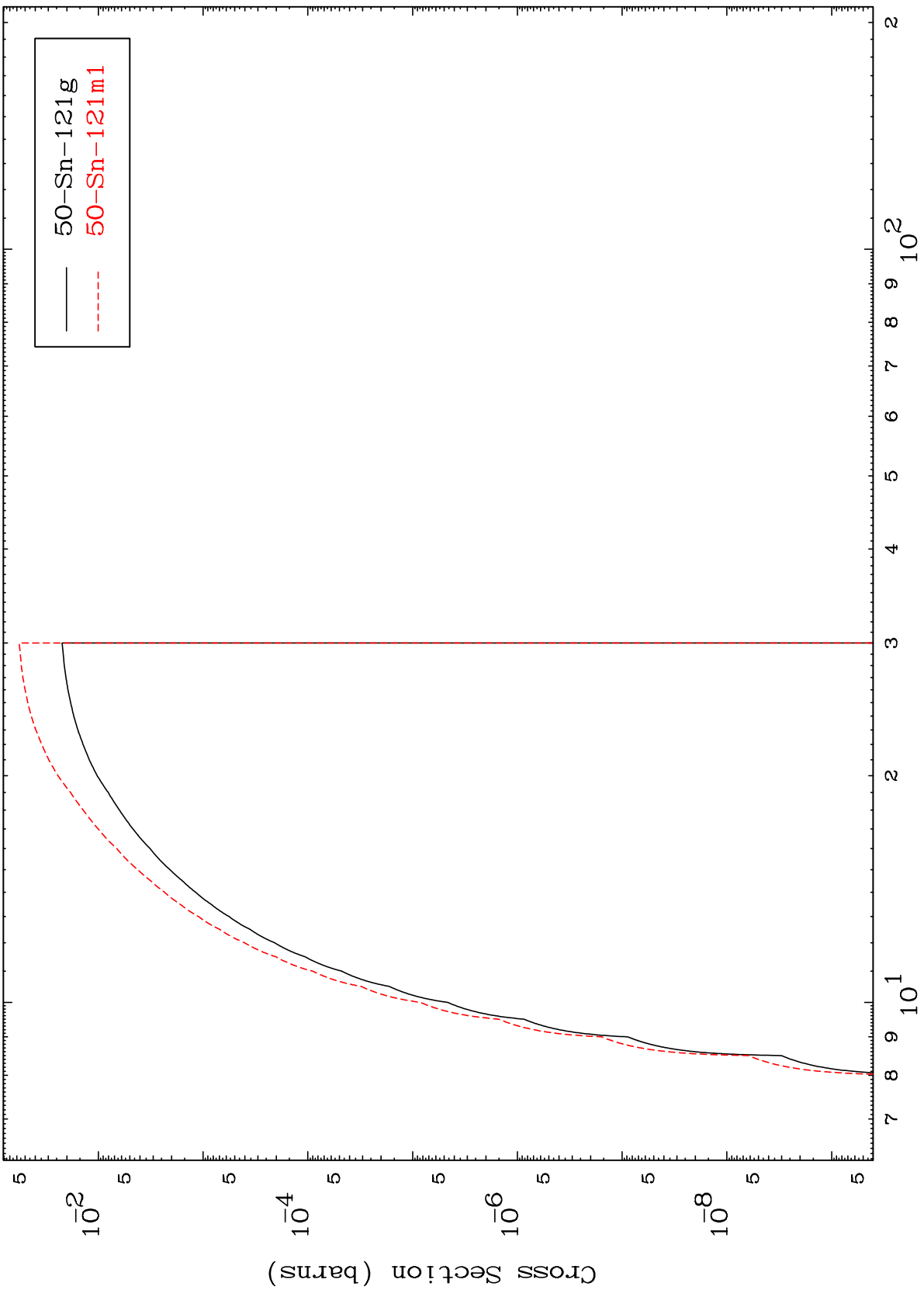
51-Sb-122

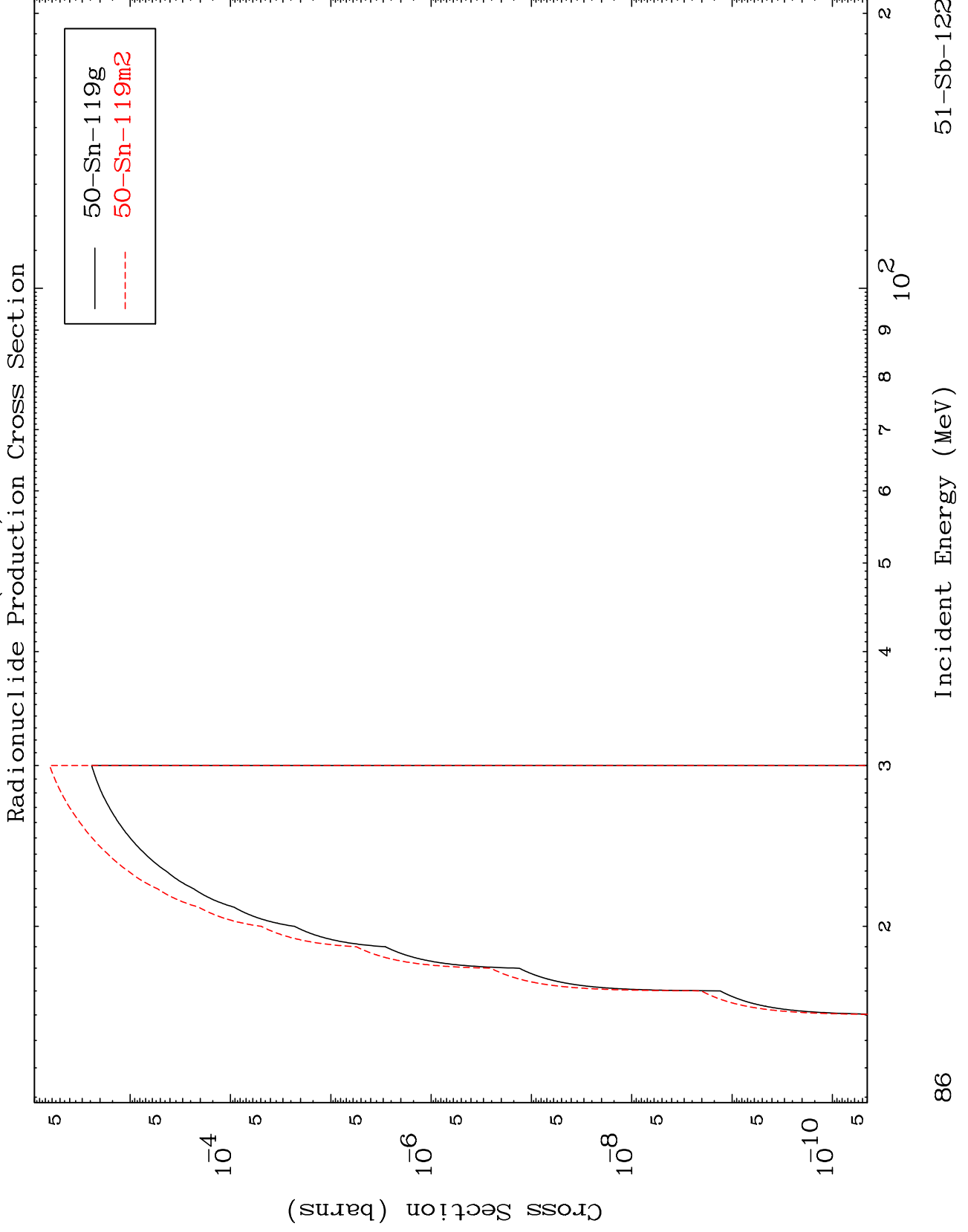


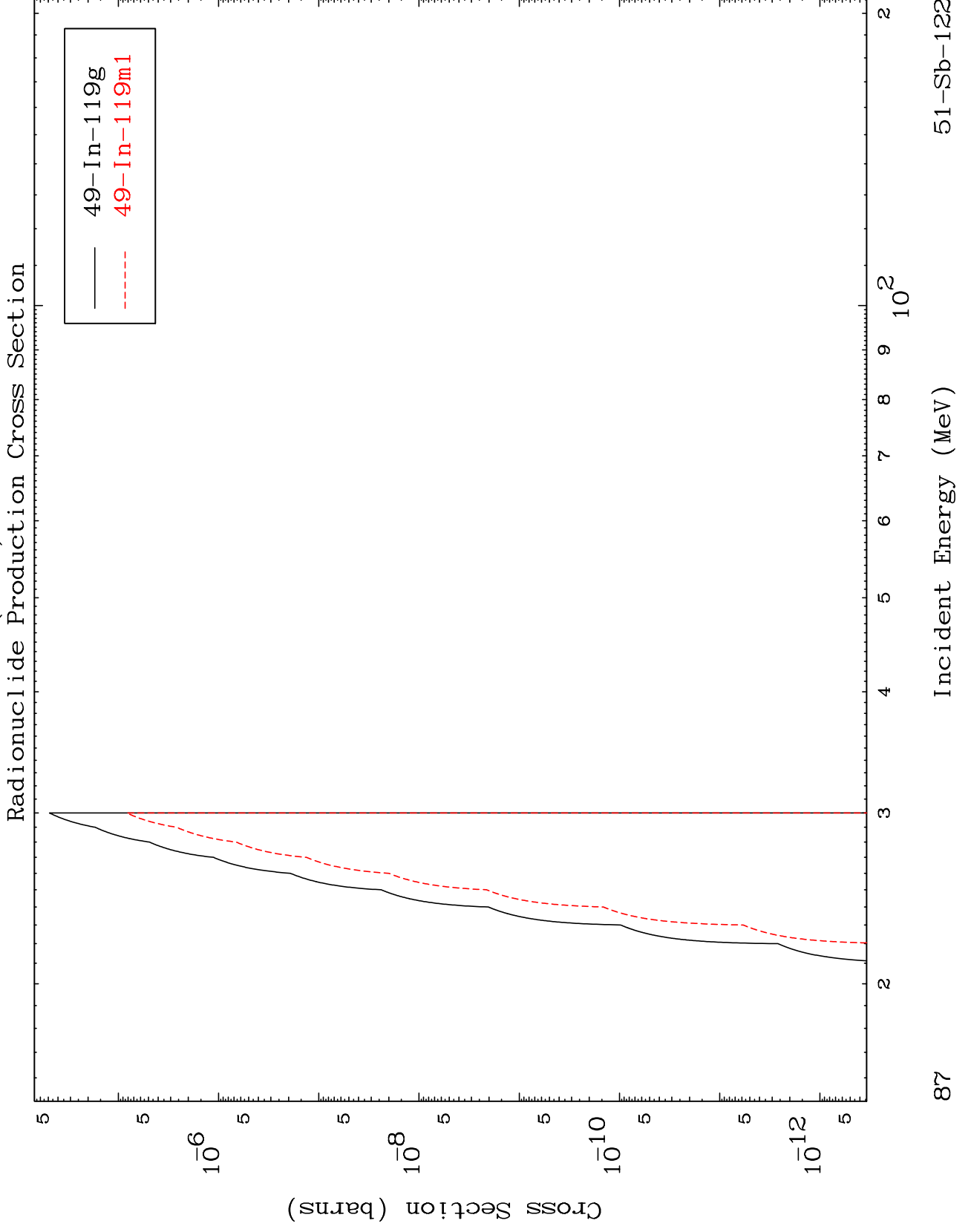
Radionuclide Production Cross Section



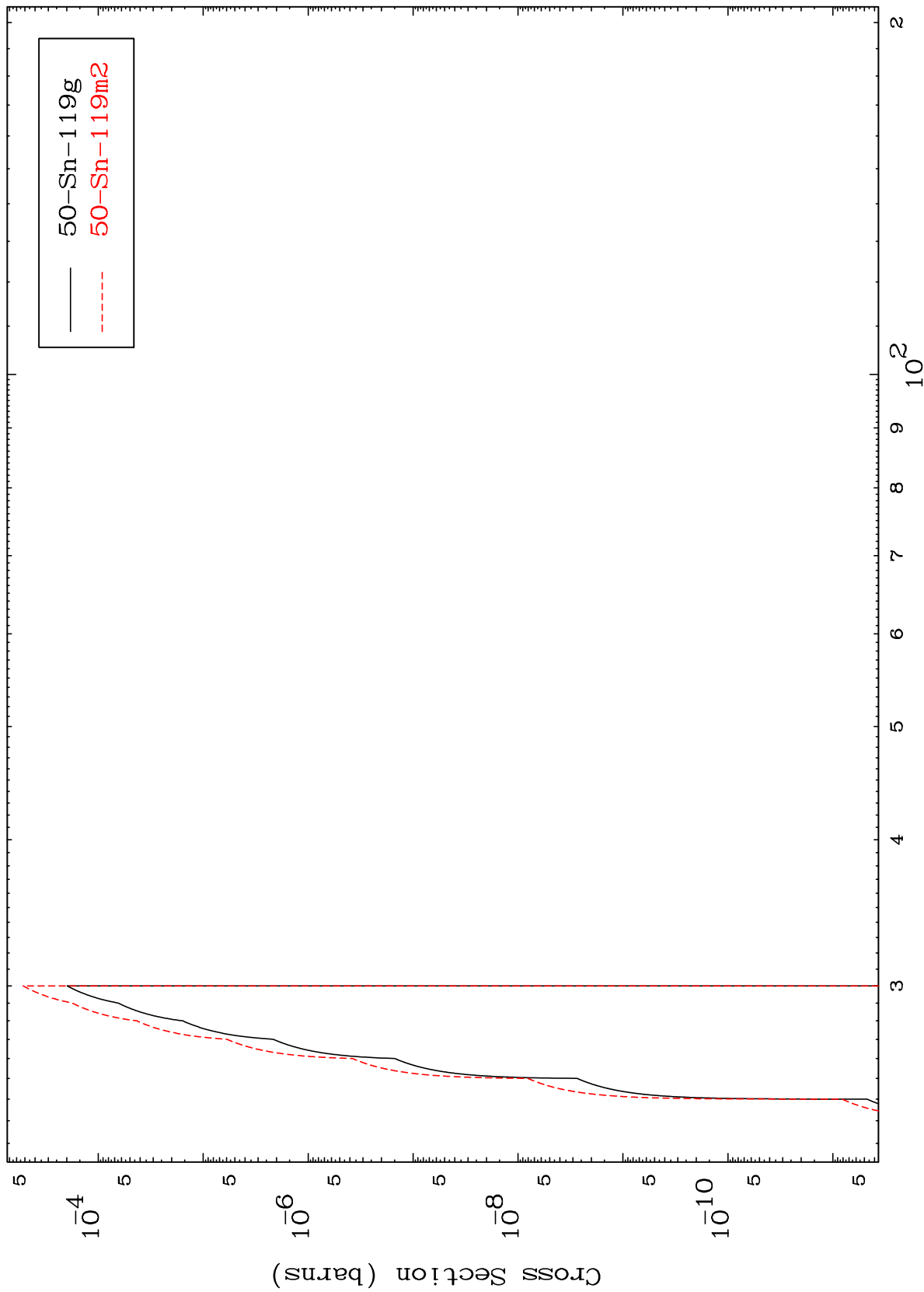
(n, n') p
Radionuclide Production Cross Section

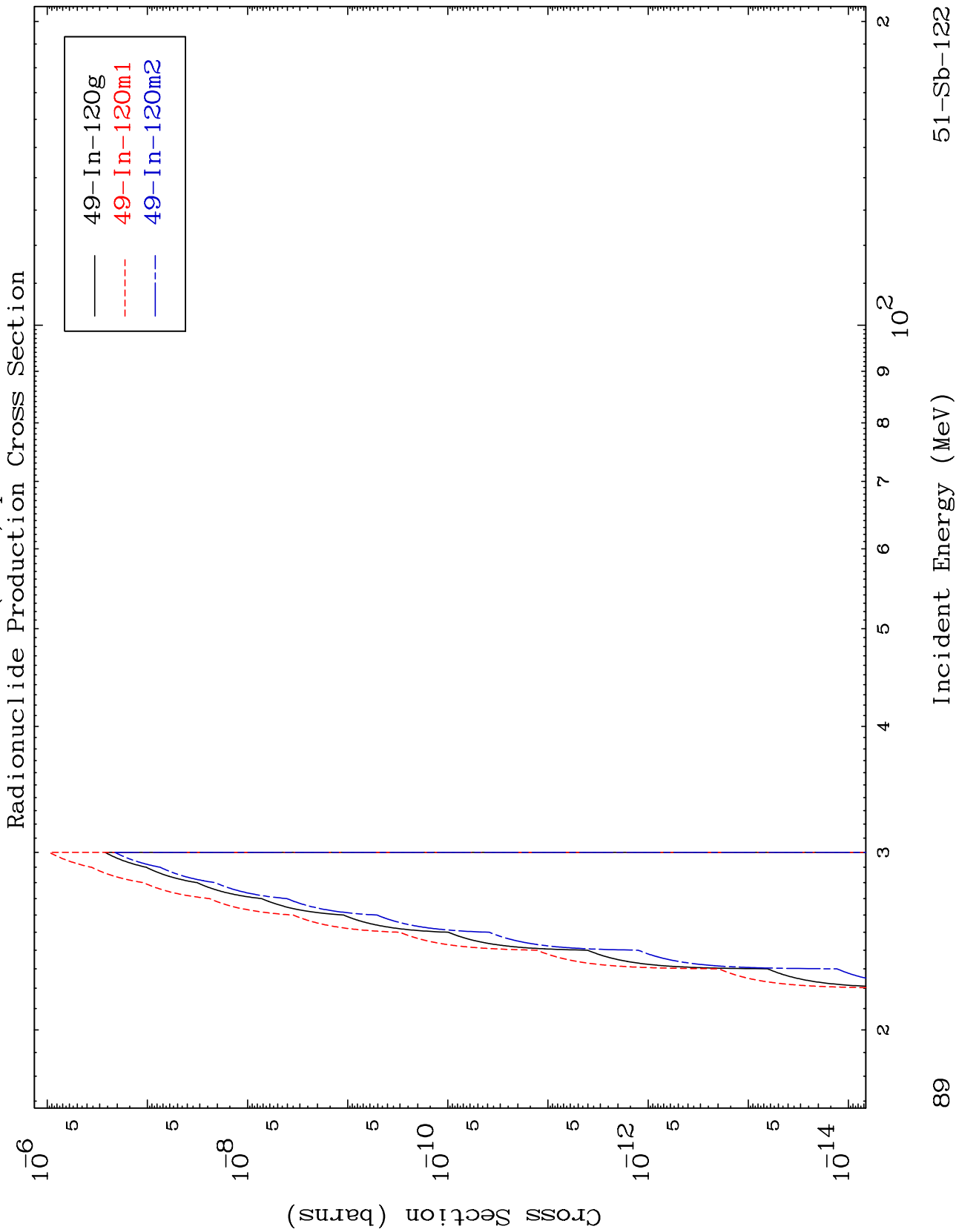




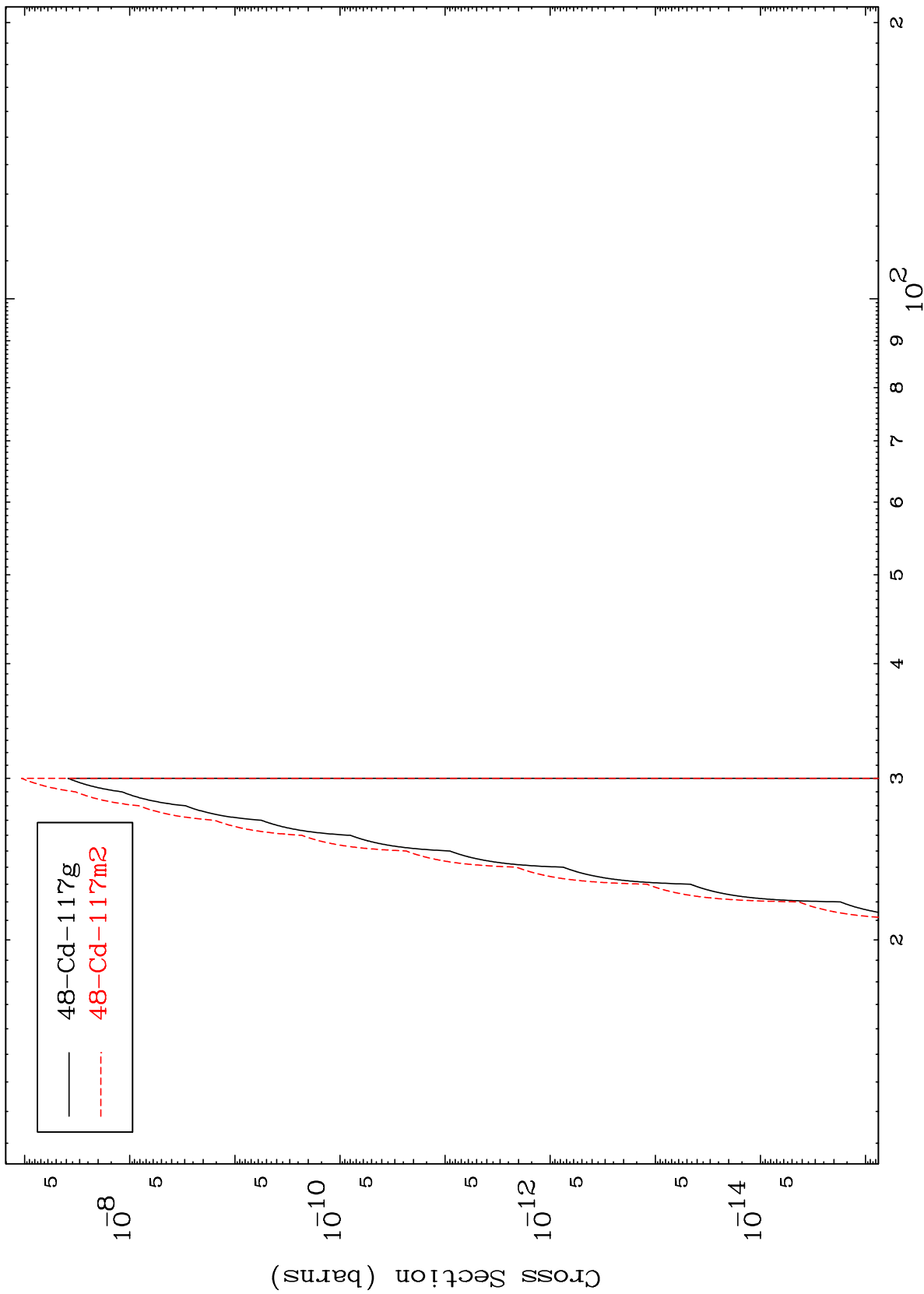


Radionuclide Production Cross Section





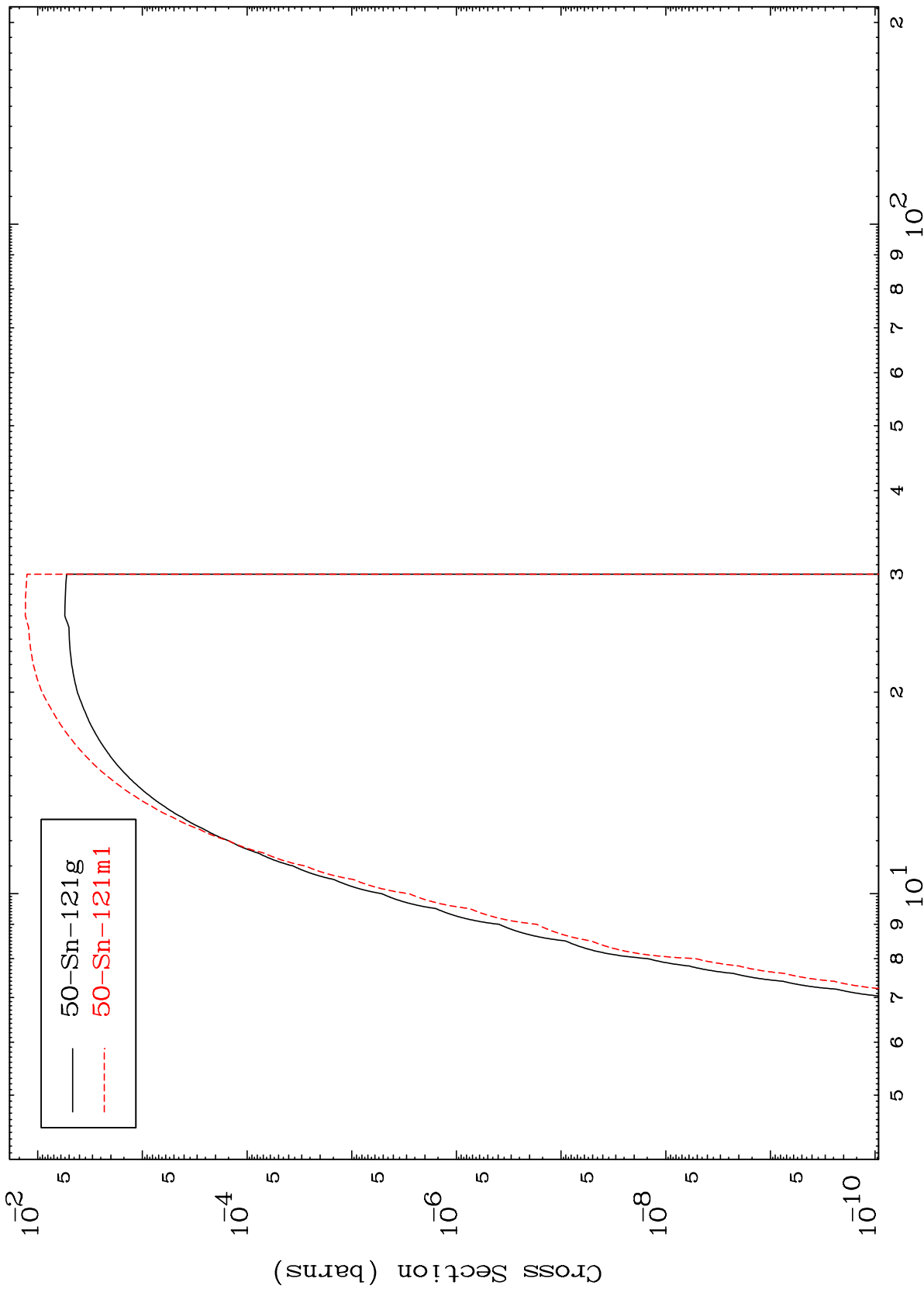
Radionuclide Production Cross Section



MAT 5128

51-Sb-122

(n,d)
Radionuclide Production Cross Section

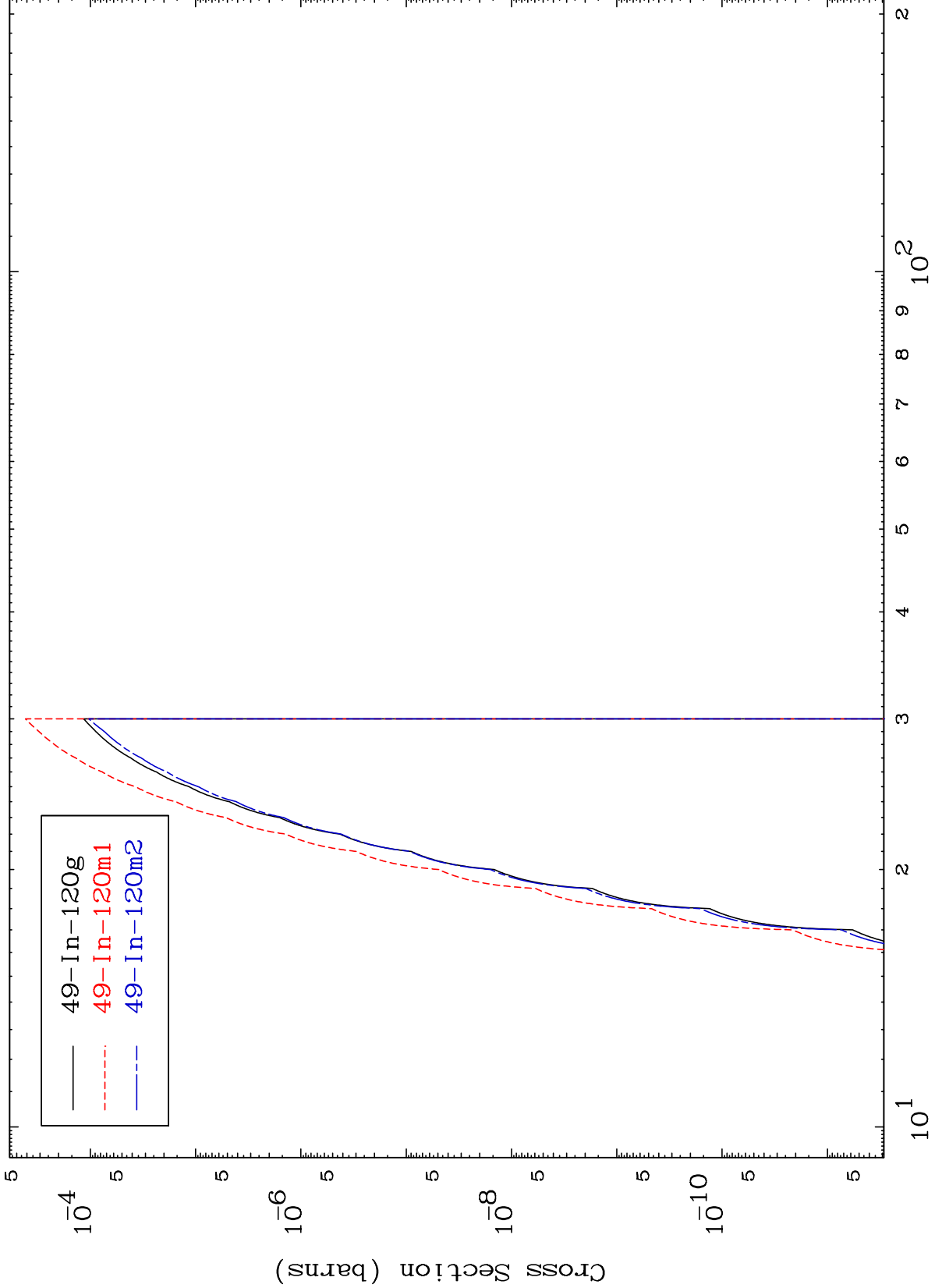


91

Incident Energy (MeV)

51-Sb-122

Radionuclide Production Cross Section

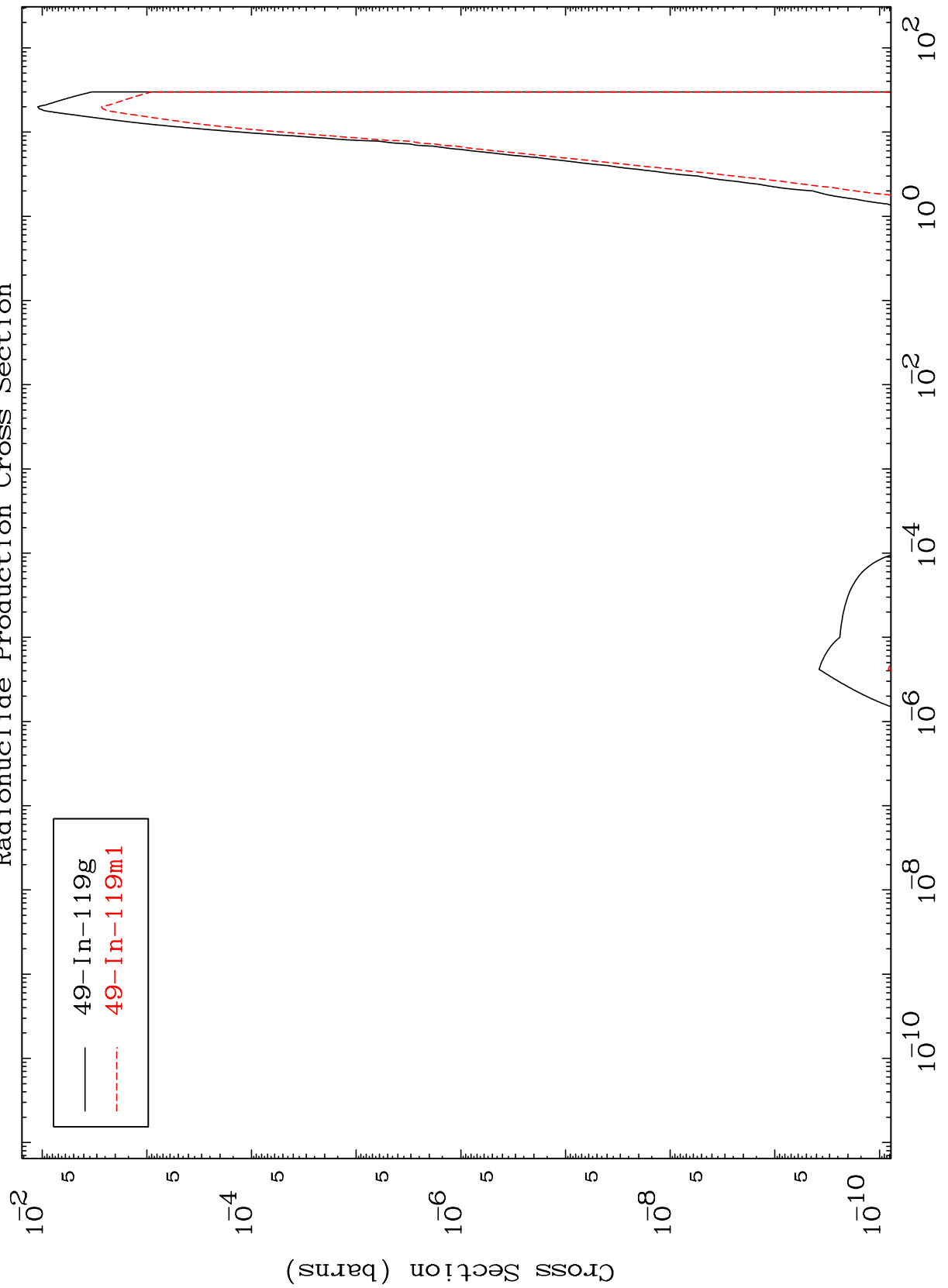


MAT 5128

(n, α)

51-Sb-122

Radionuclide Production Cross Section

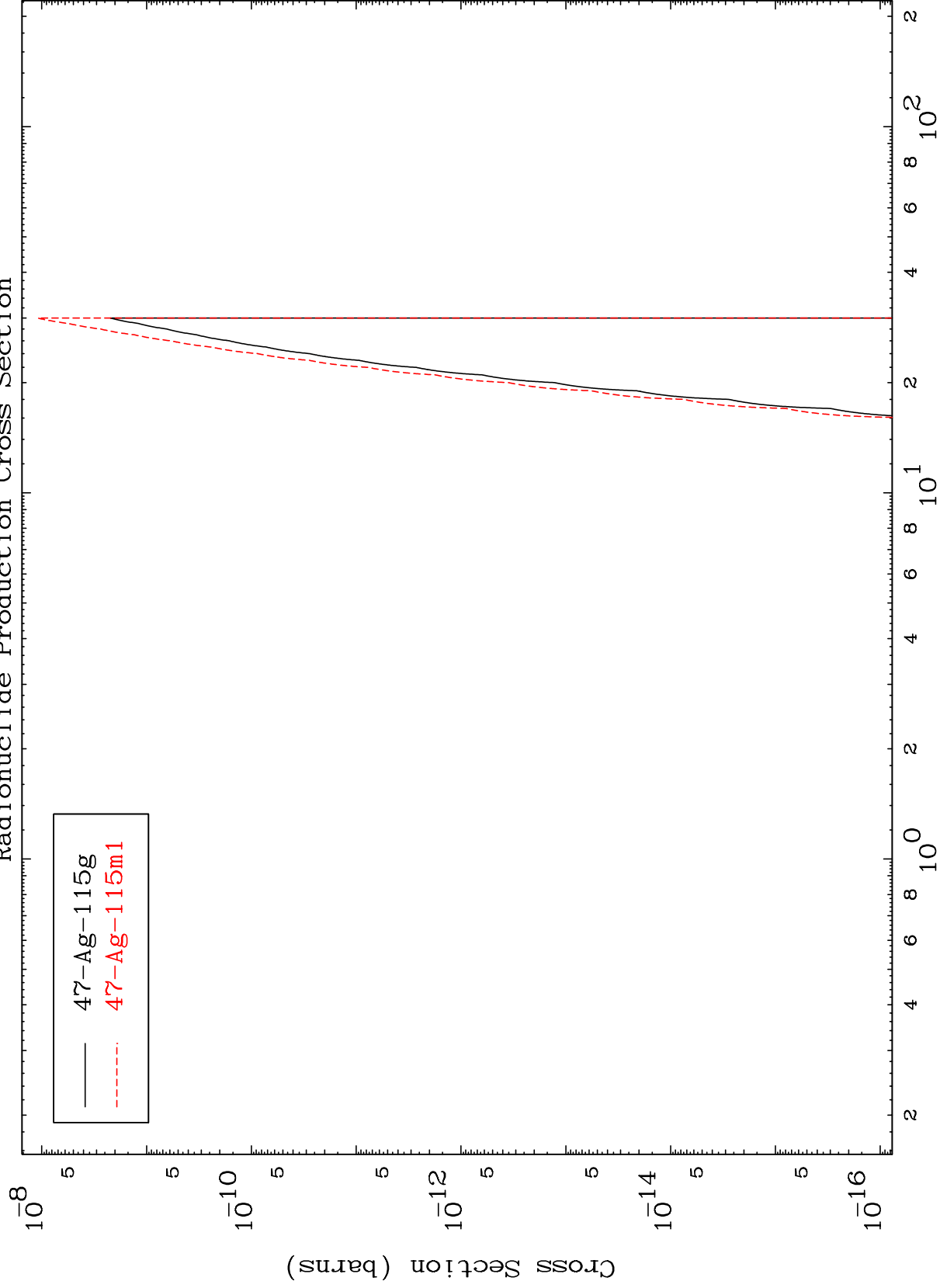


MAT 5128

(n,2 α)

51-Sb-122

Radionuclide Production Cross Section



94

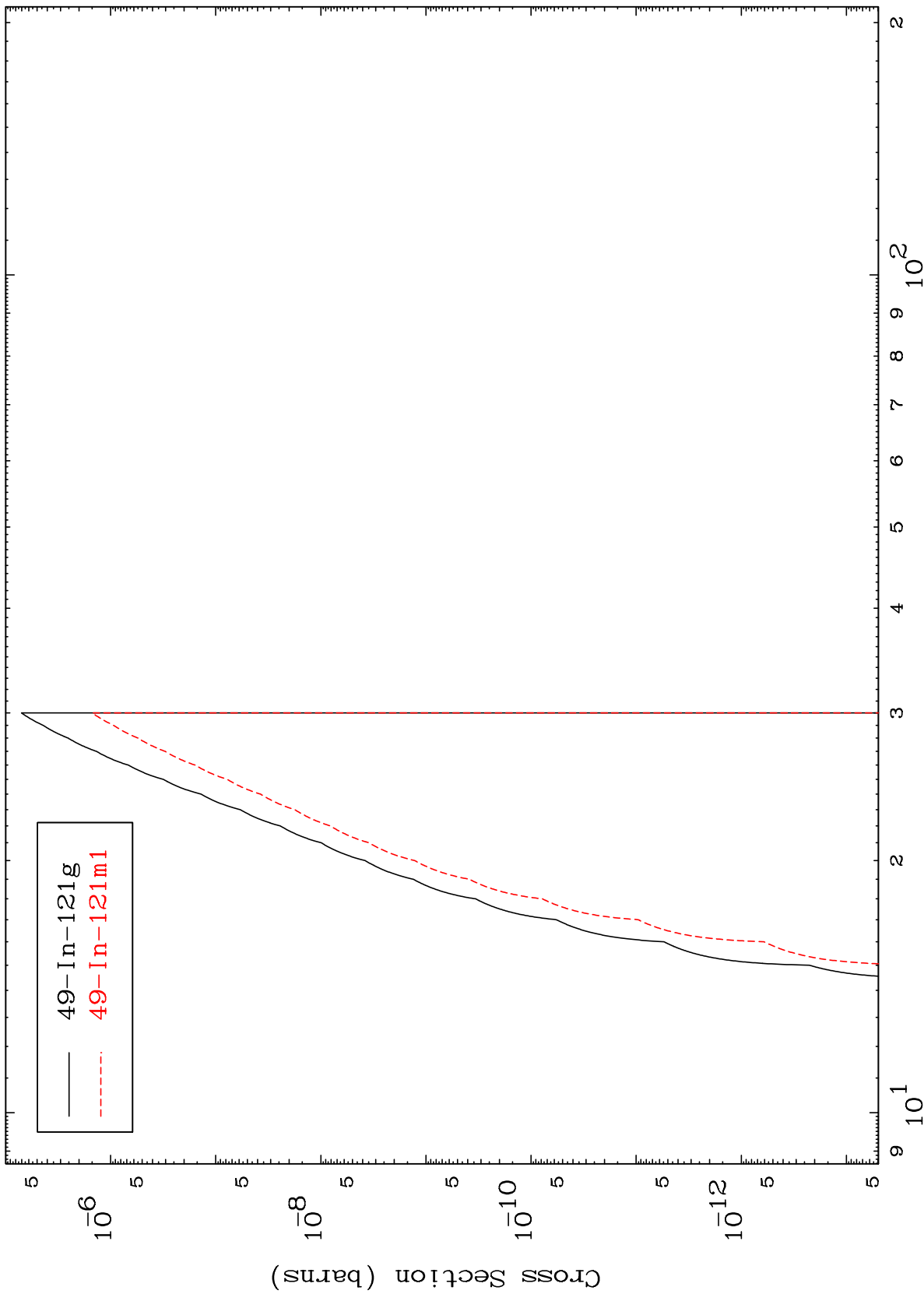
Incident Energy (MeV)

51-Sb-122

MAT 5128

51-Sb-122

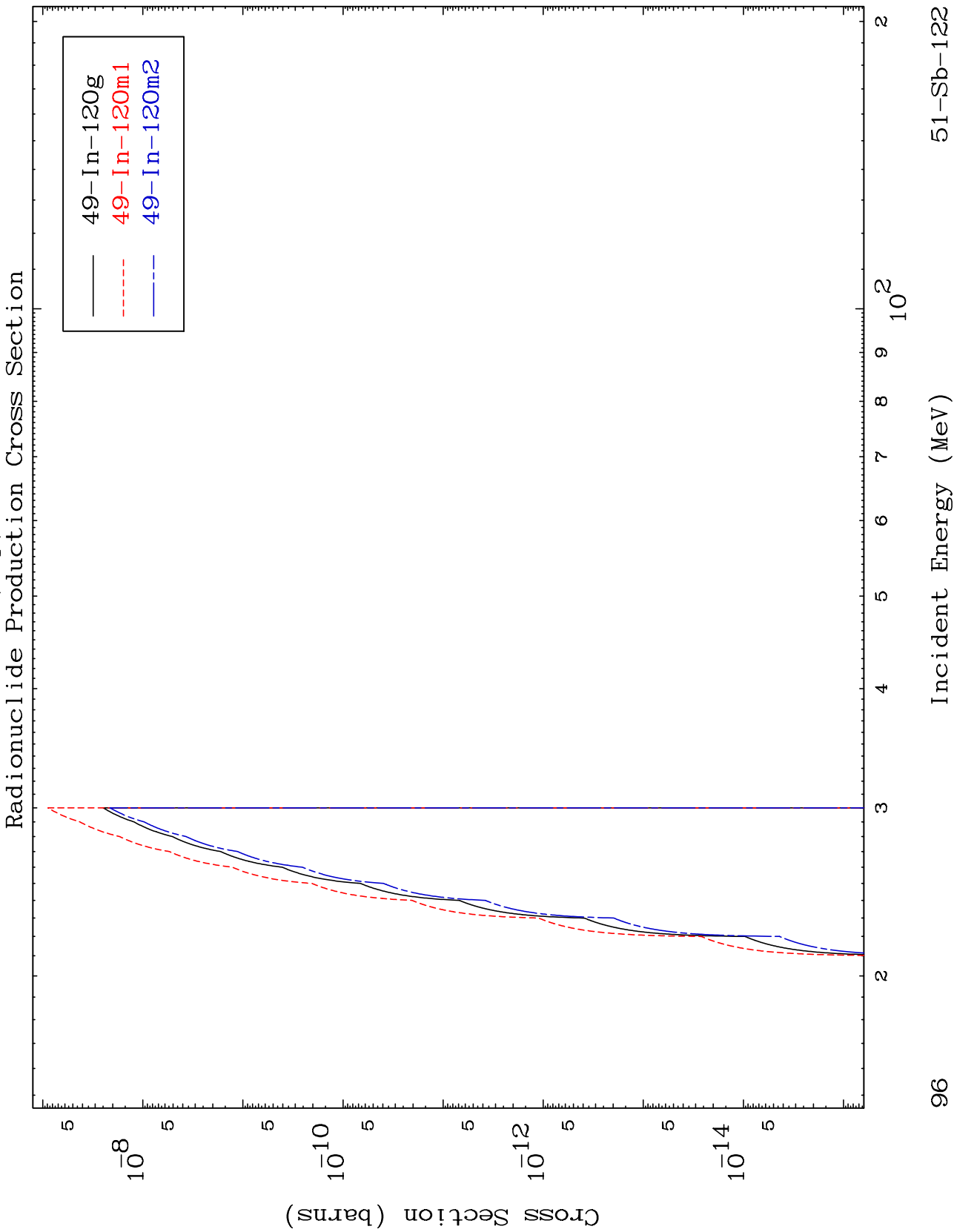
(n,2p)
Radionuclide Production Cross Section



95

Incident Energy (MeV)

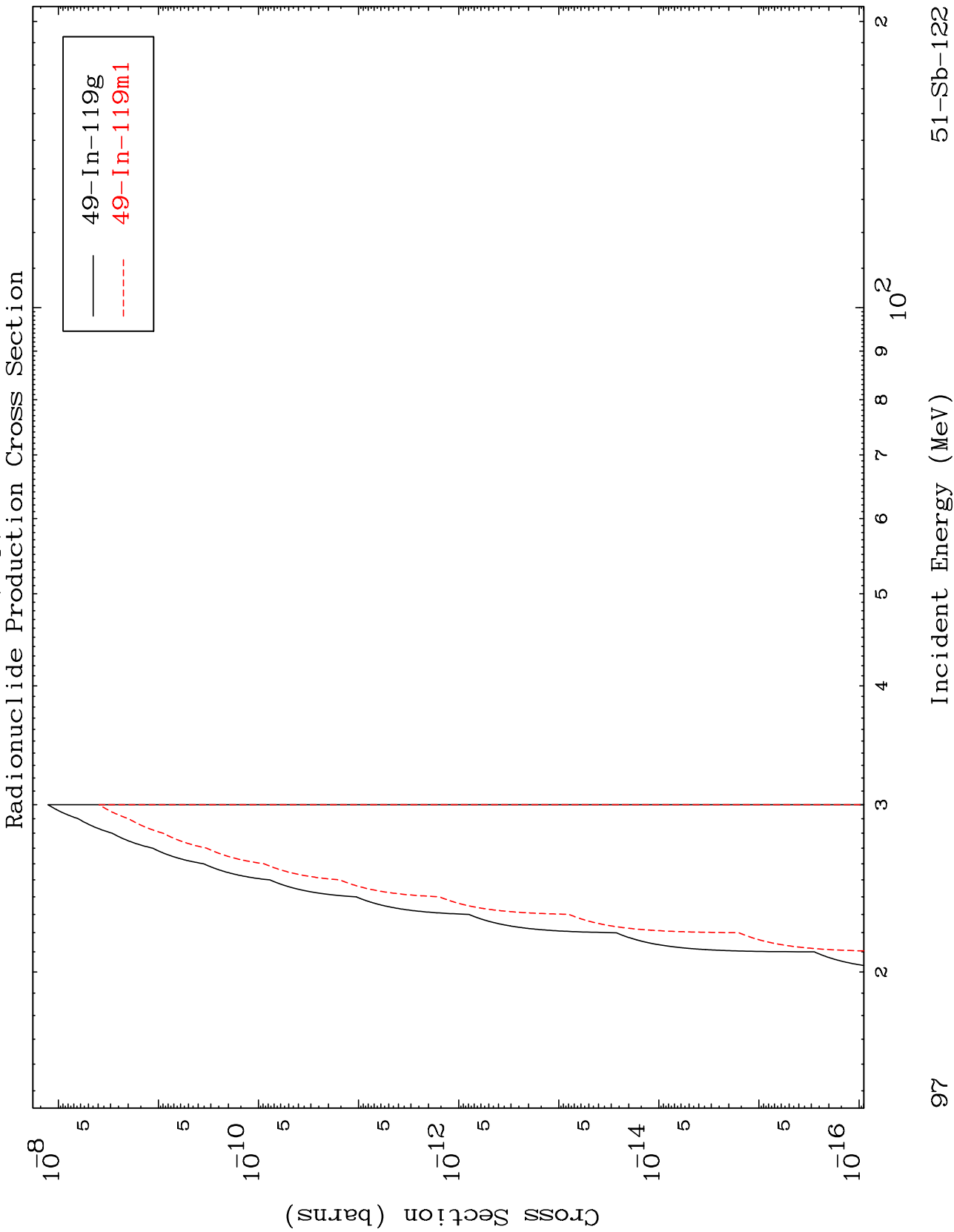
51-Sb-122



MAT 5128

(n,p) t

51-Sb-122



97

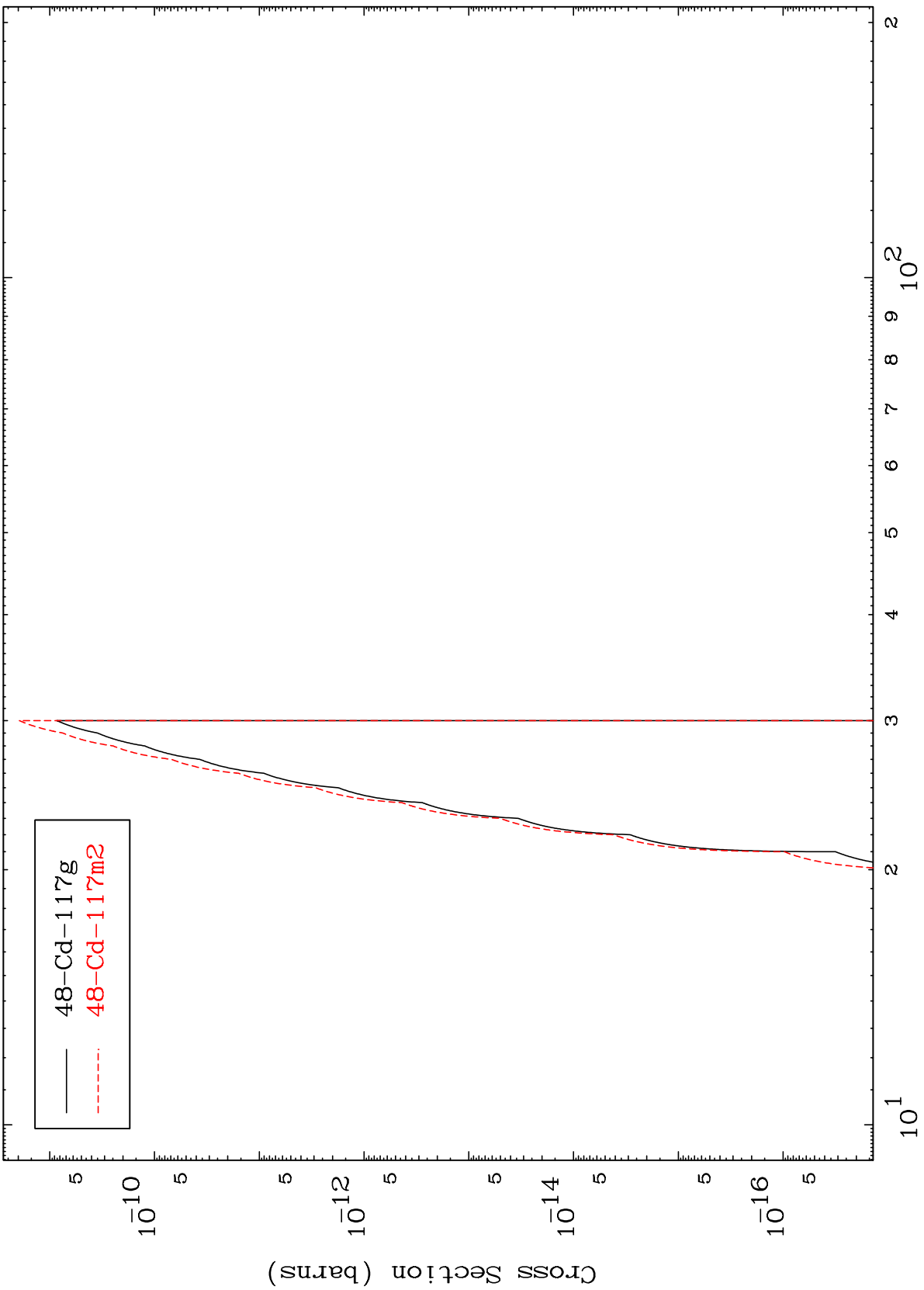
51-Sb-122

MAT 5128

(n,d) α

51-Sb-122

Radionuclide Production Cross Section



98

Incident Energy (MeV)

51-Sb-122