

Program EVALPLOT
(Version 2021-1)

by

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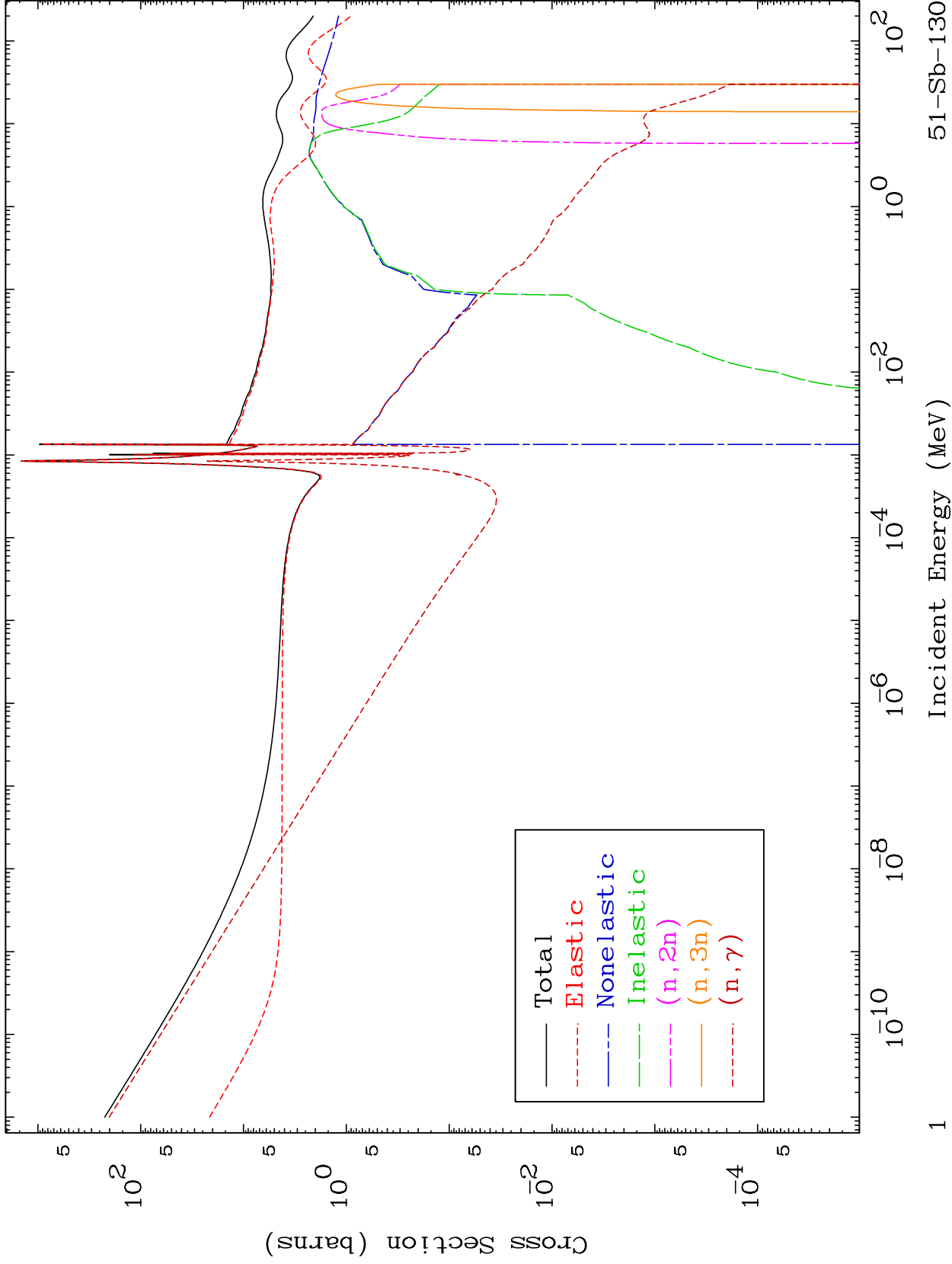
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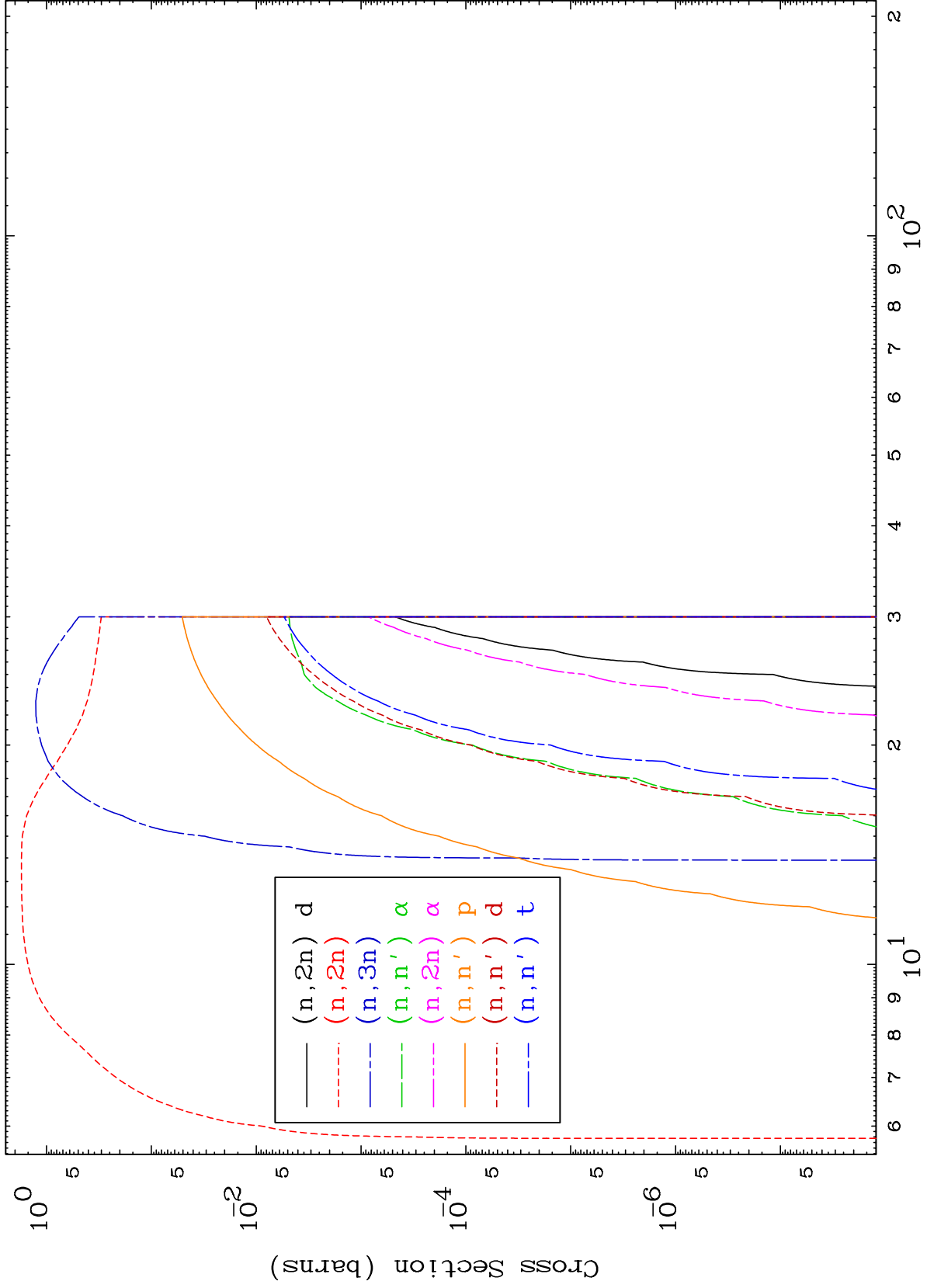
Press Mouse Button to Start

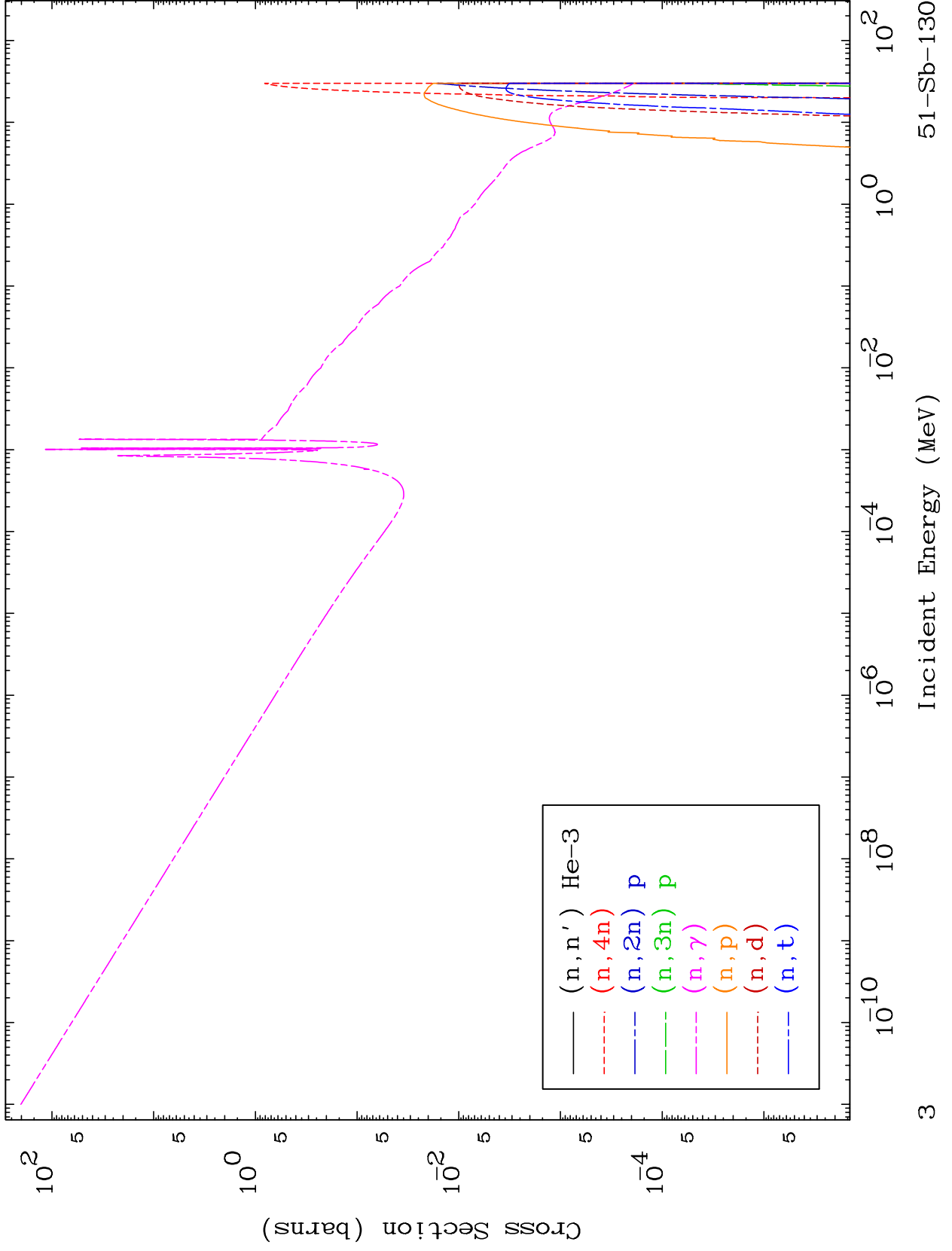
MAT 5152

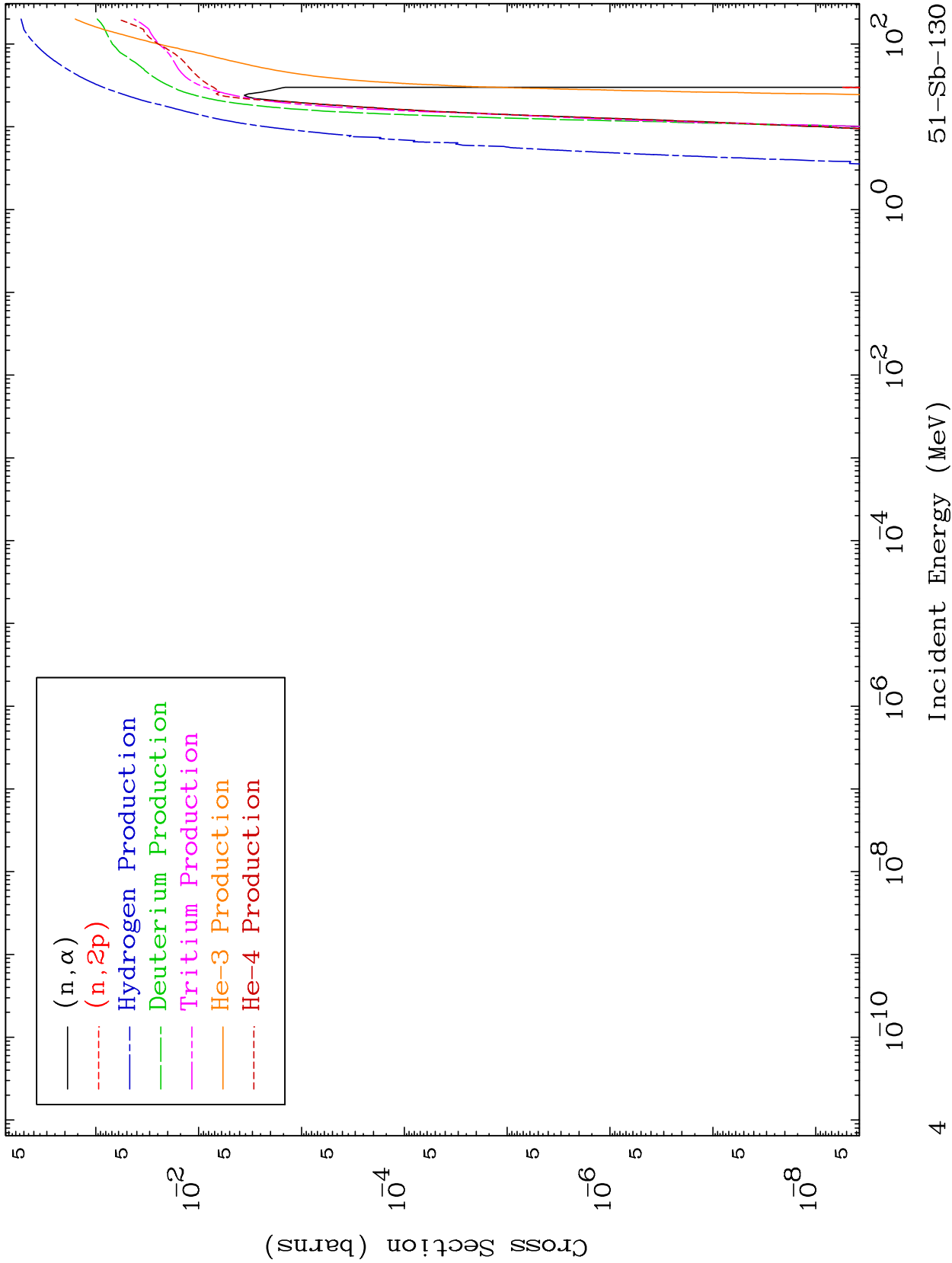
Neutron Major
293 Kelvin Cross Sections

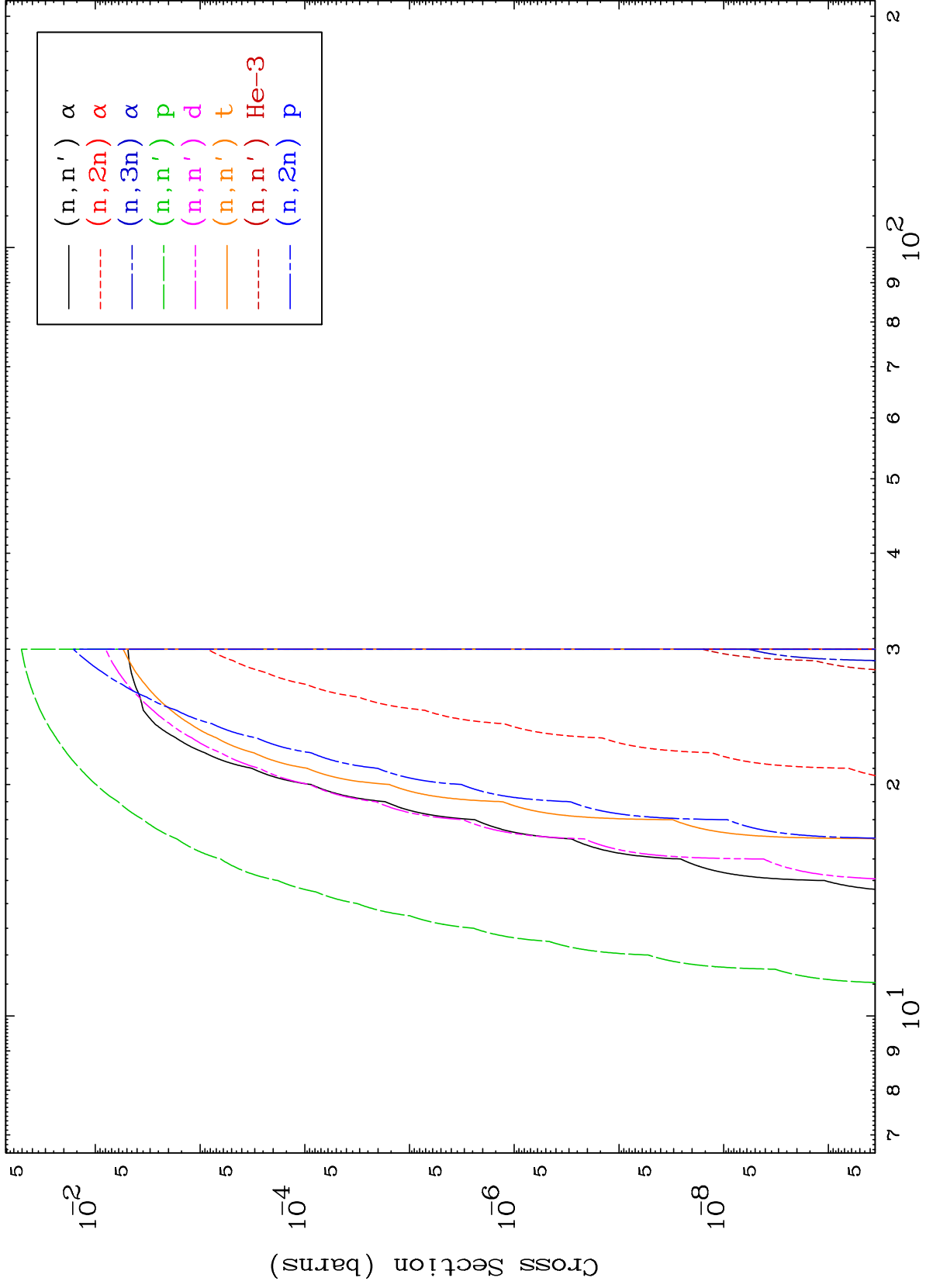
51-Sb-130







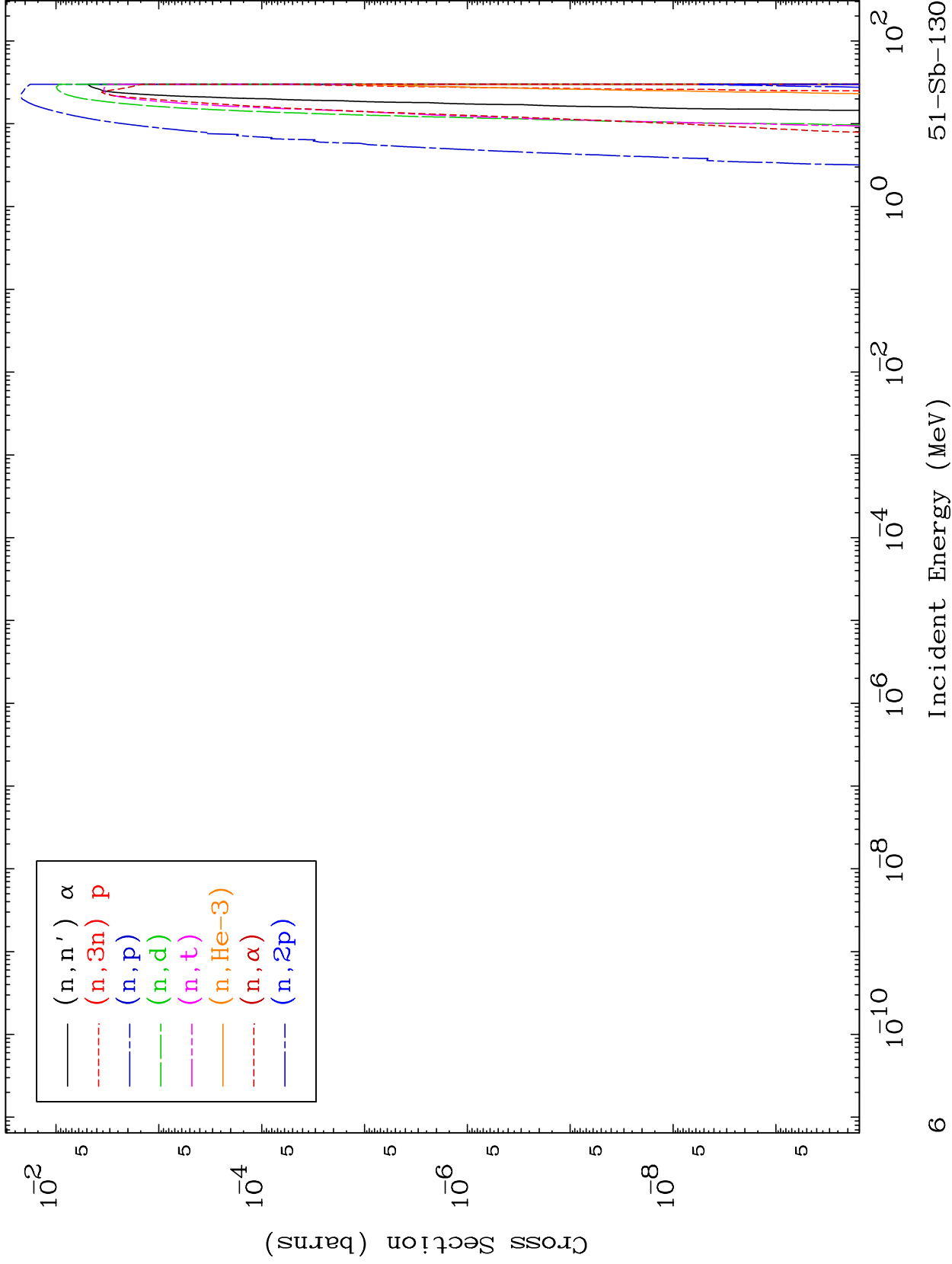


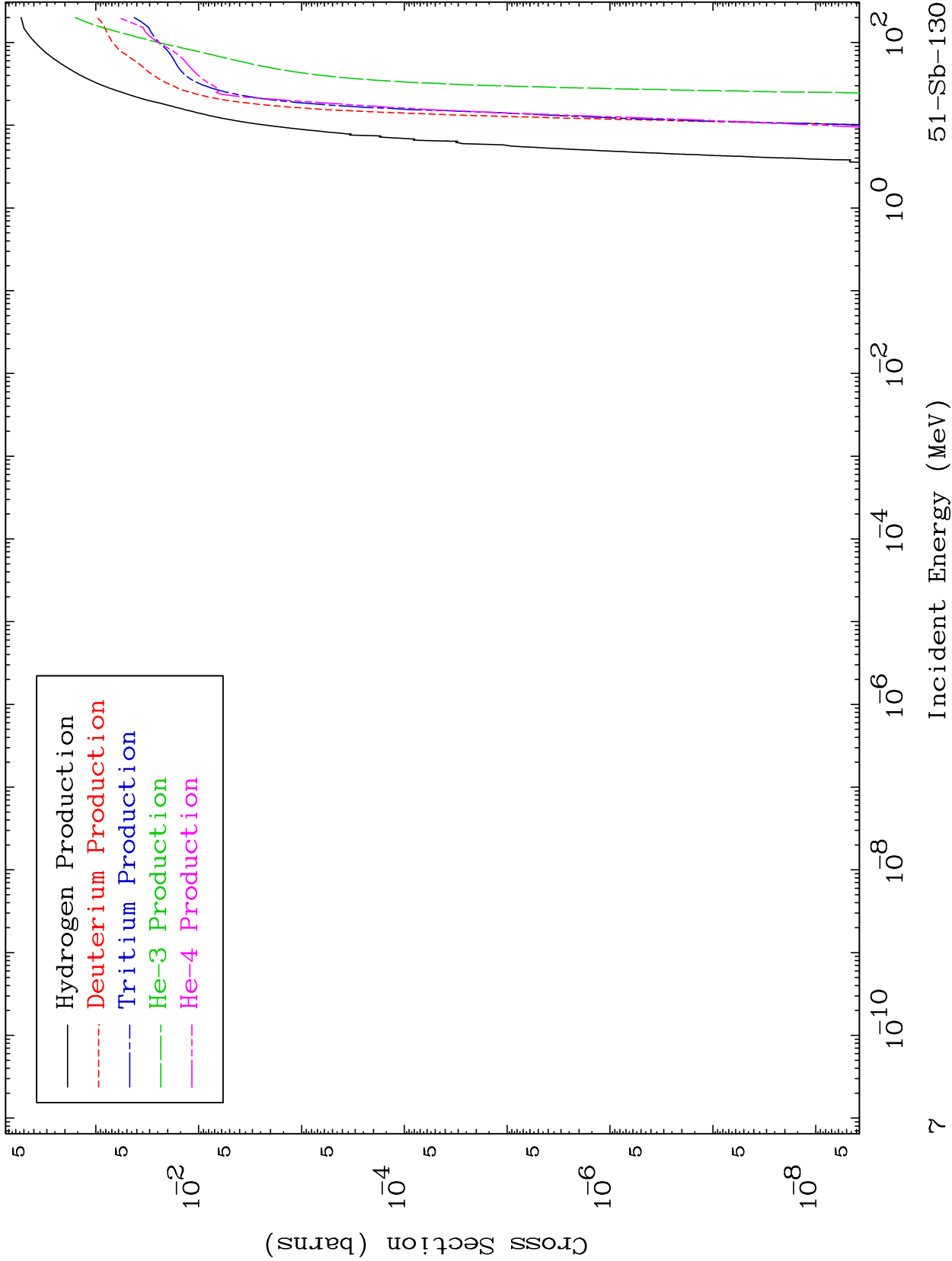


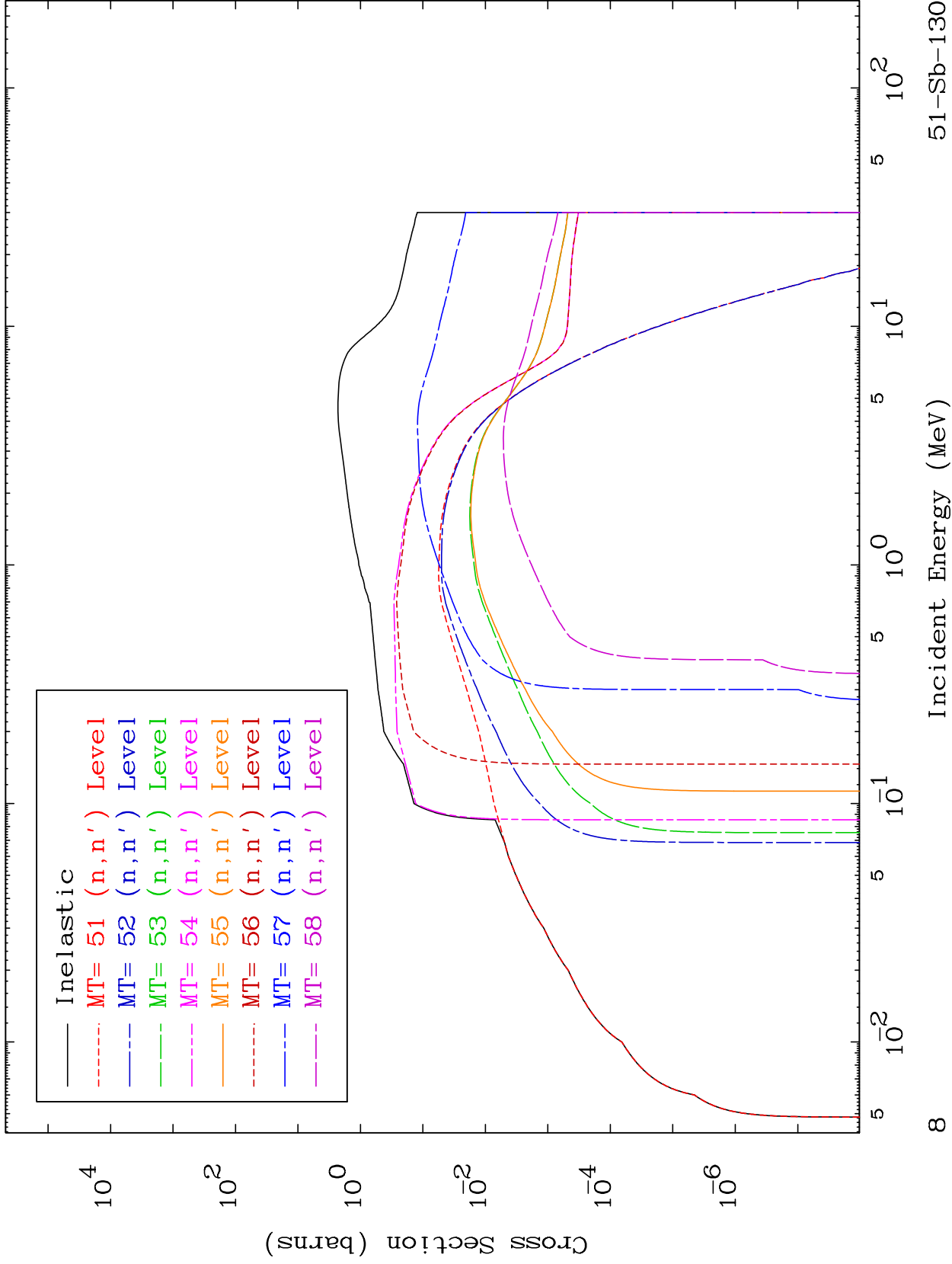
MAT 5152

Charged Particle
293 Kelvin Cross Sections

51-Sb-130



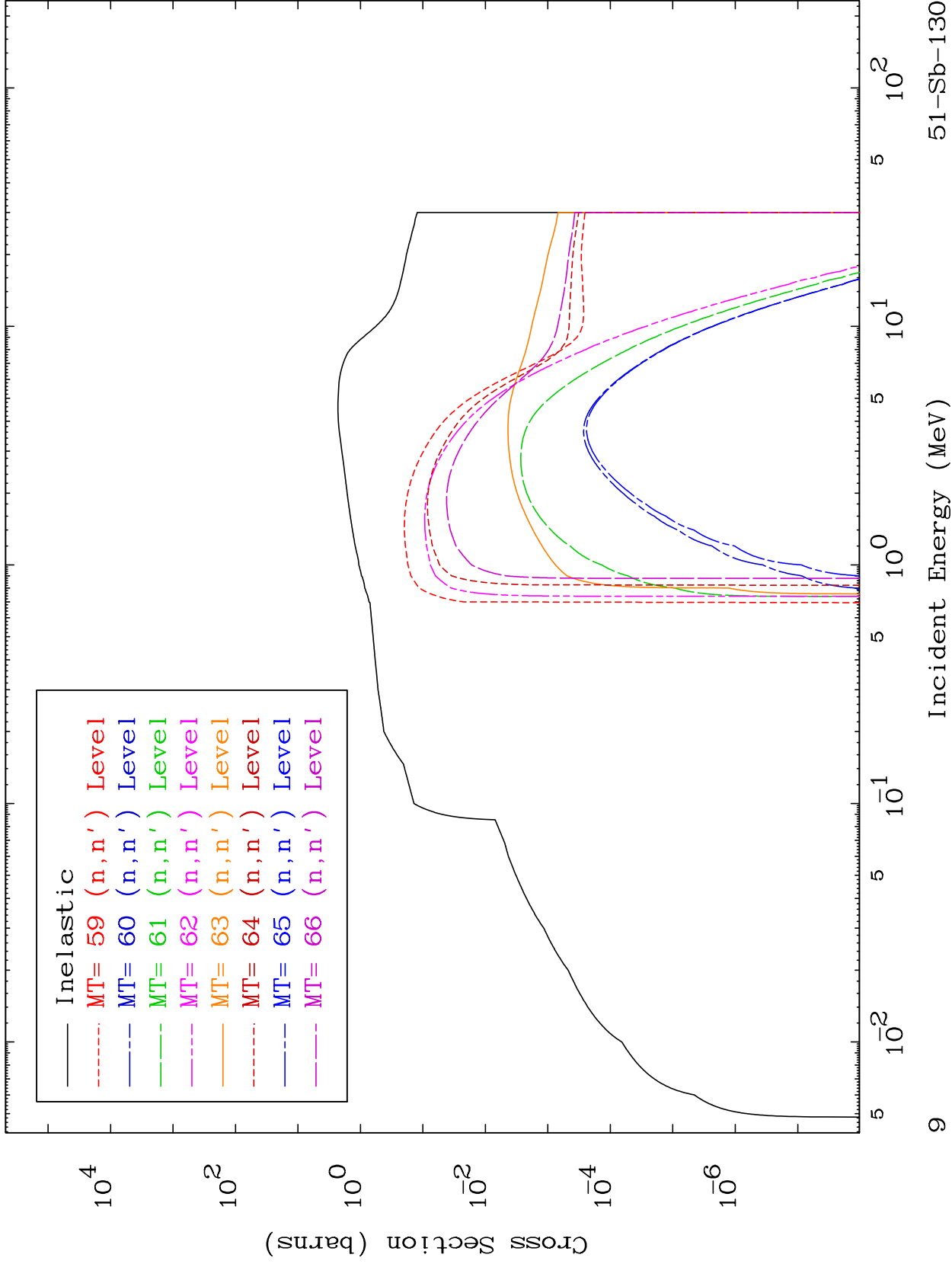




MAT 5152

(n,n') Levels
293 Kelvin Cross Sections

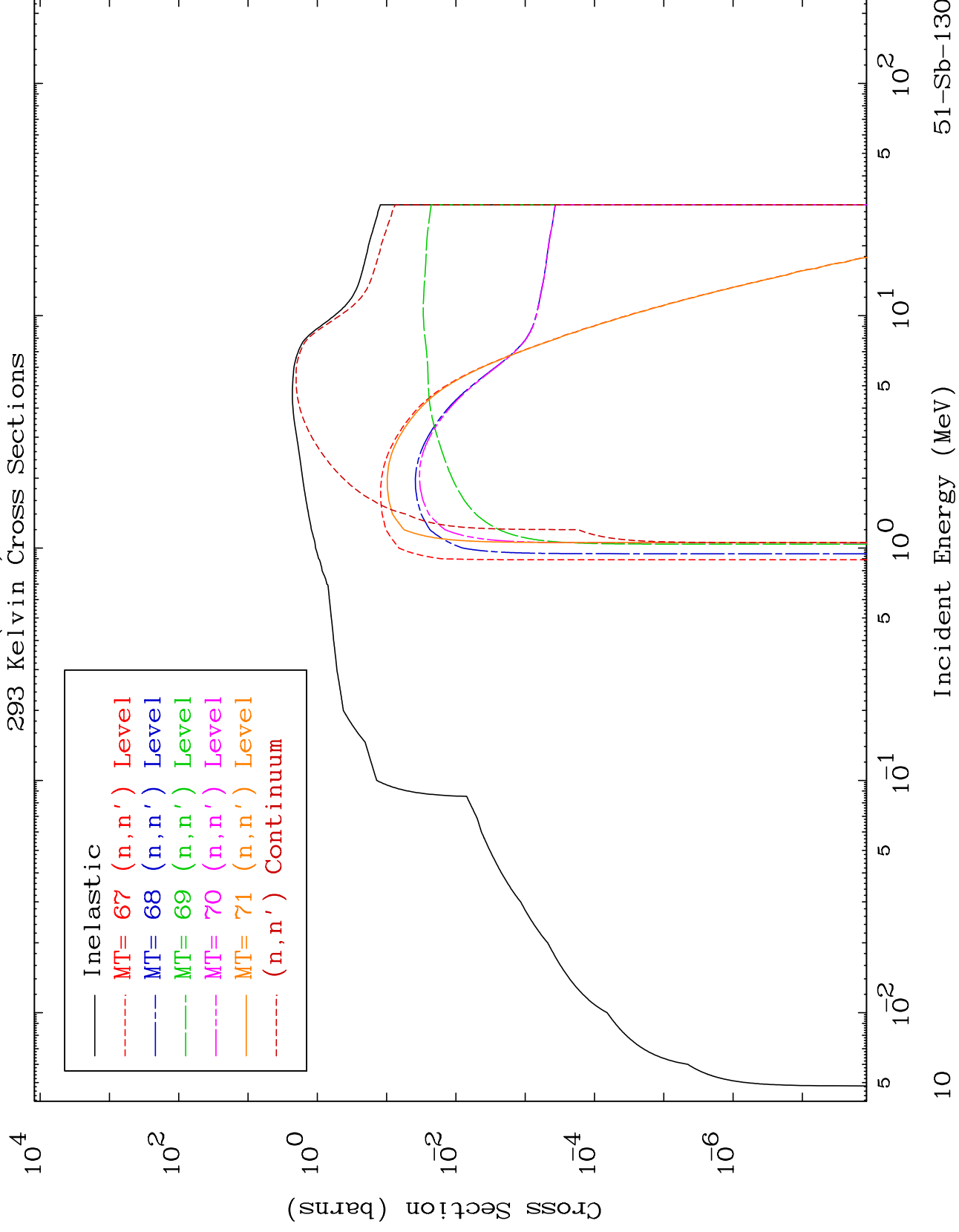
51-Sb-130



MAT 5152

(n,n') Levels
293 Kelvin Cross Sections

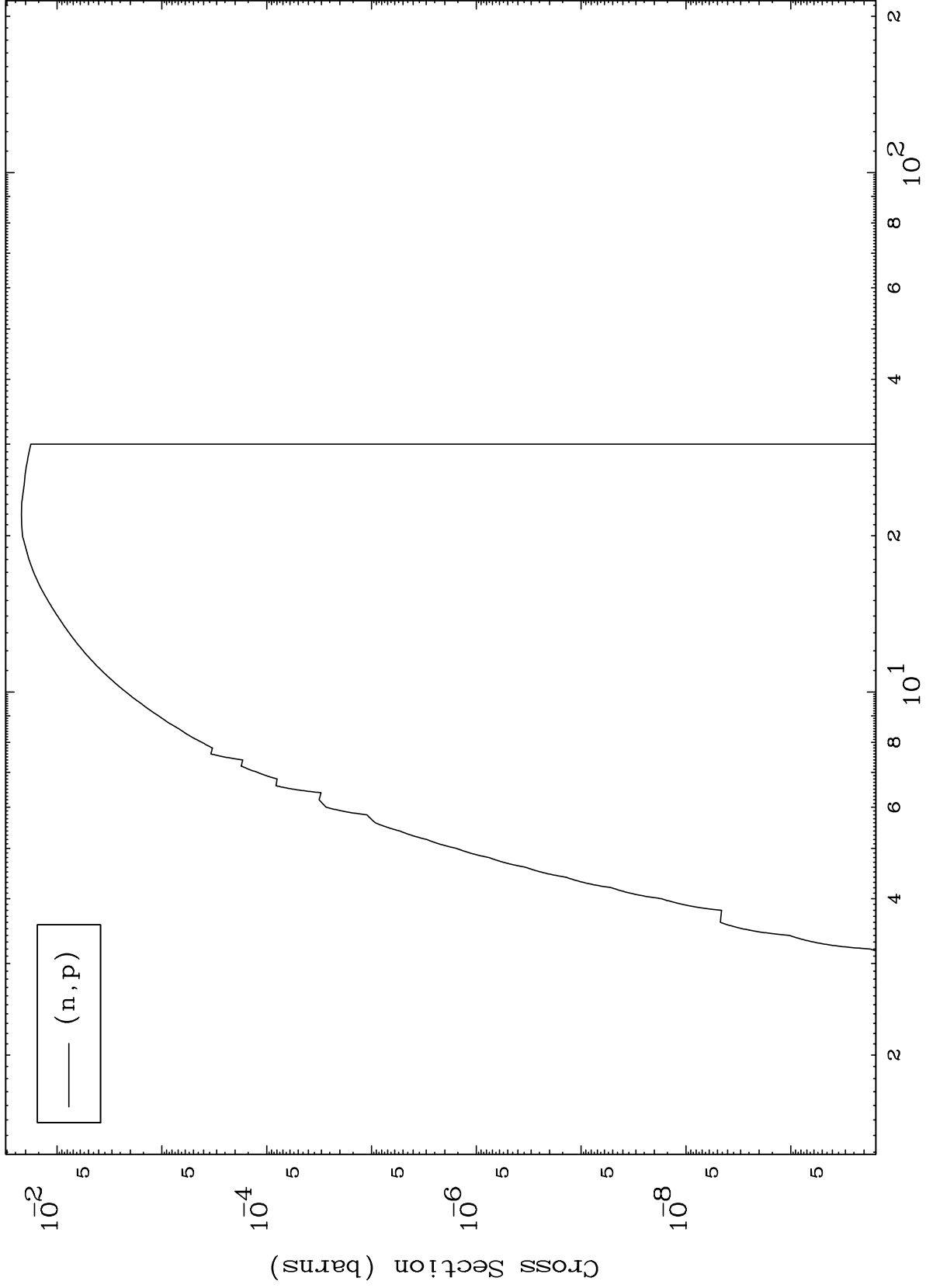
51-Sb-130



MAT 5152

(n,p) Levels
293 Kelvin Cross Sections

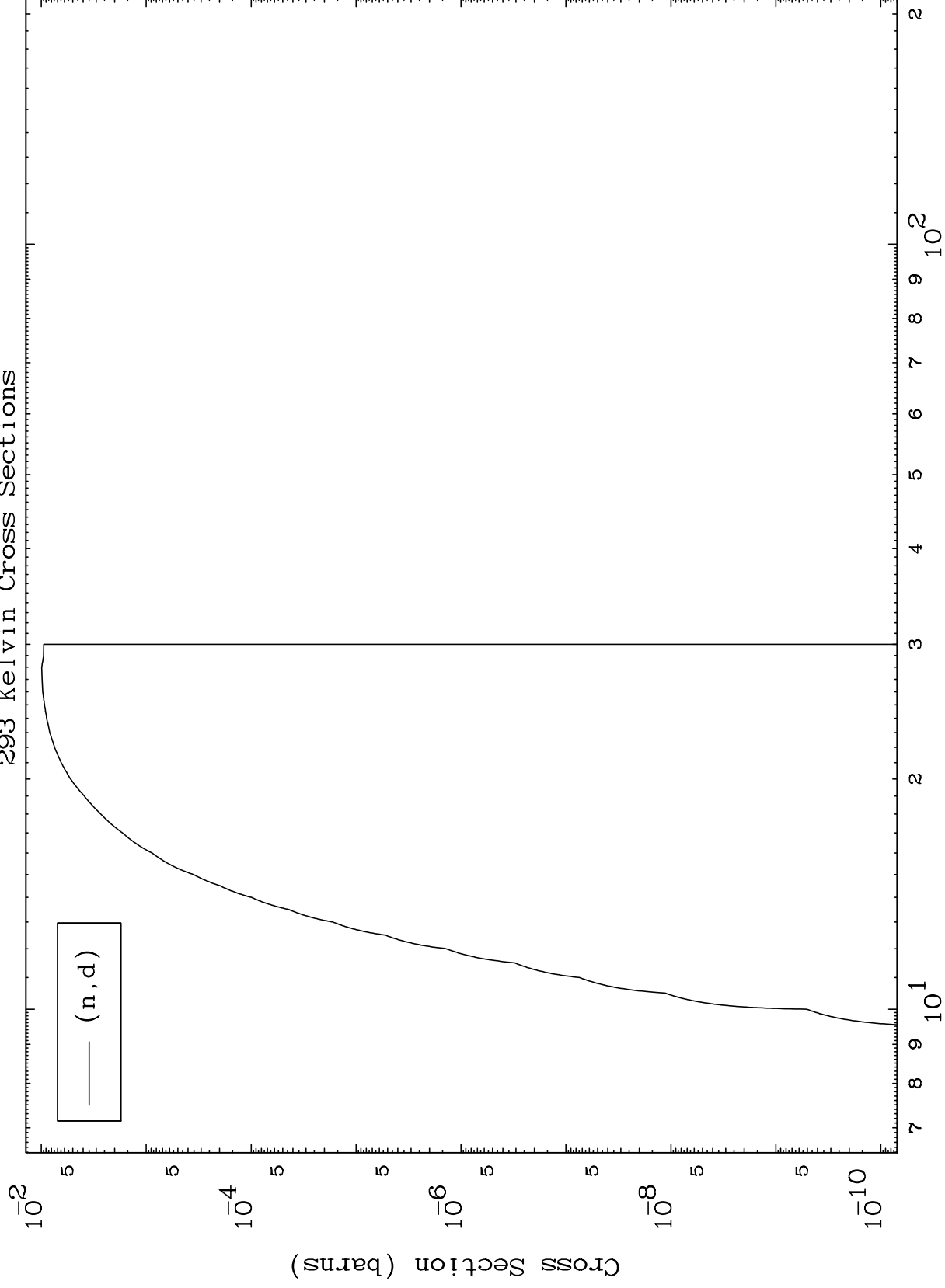
51-Sb-130



MAT 5152

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-130



12

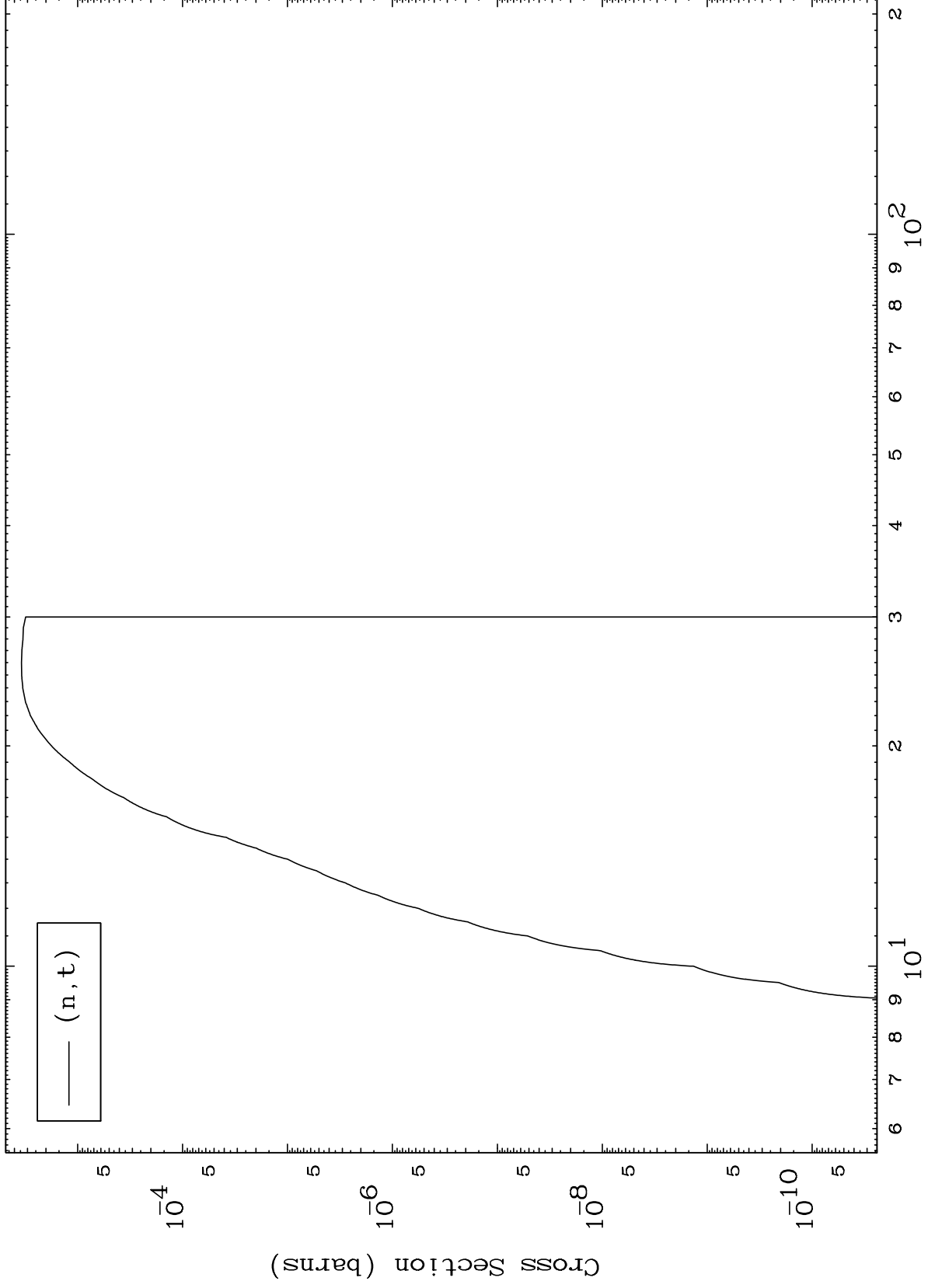
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-130



13

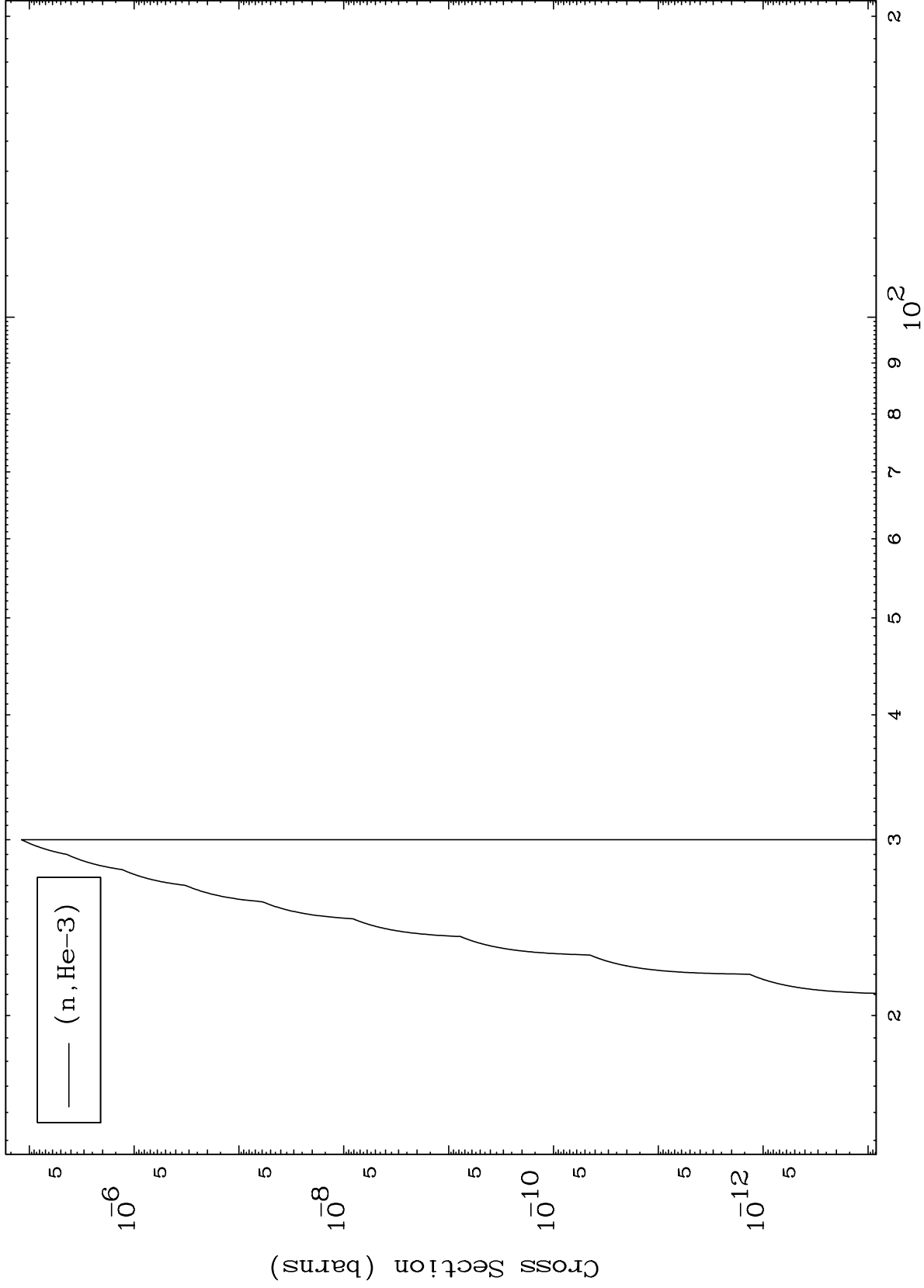
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-130



14

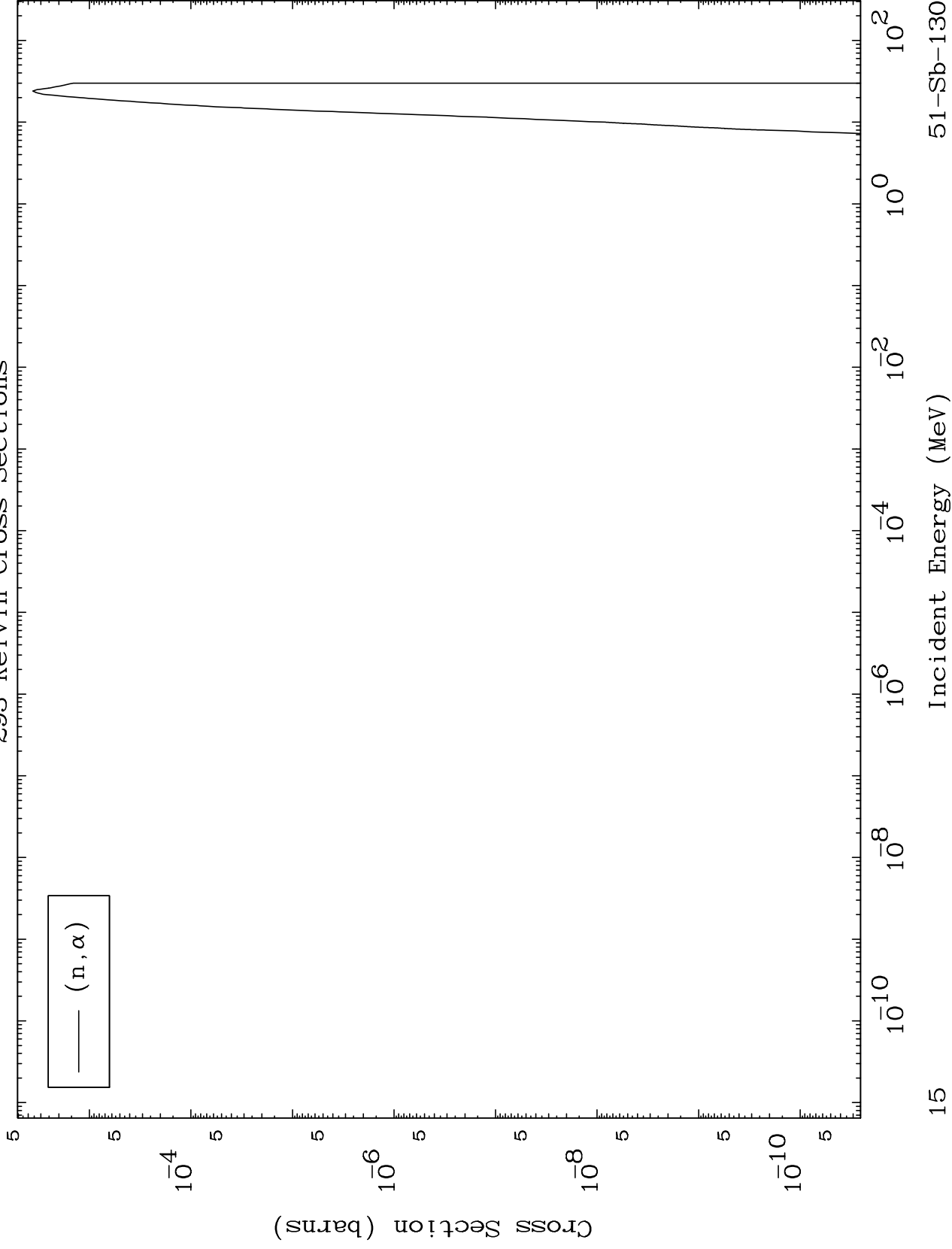
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n, α) Levels
293 Kelvin Cross Sections

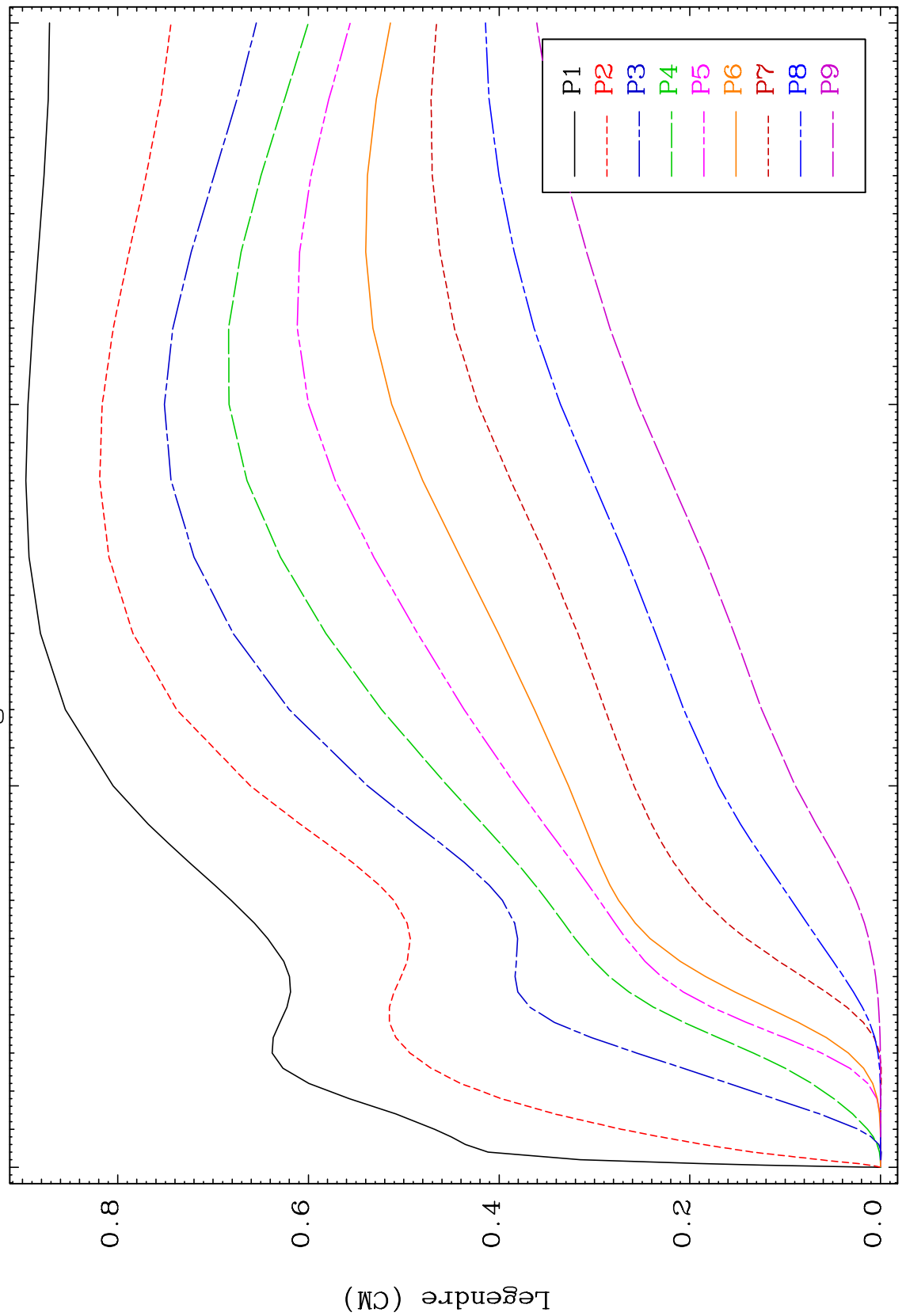
51-Sb-130



MAT 5152

51-Sb-130

Elastic Legendre Coefficients



16

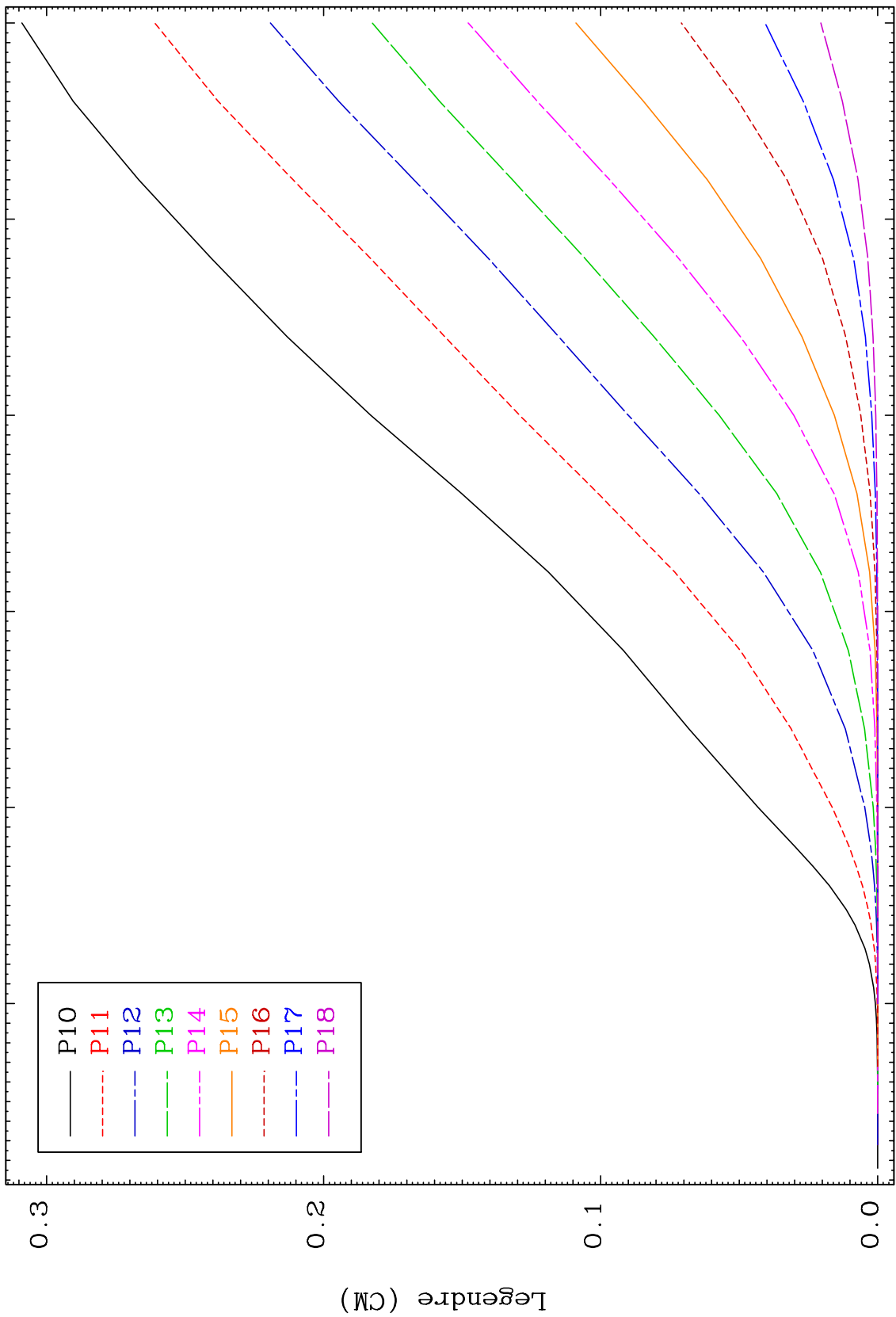
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

51-Sb-130



17

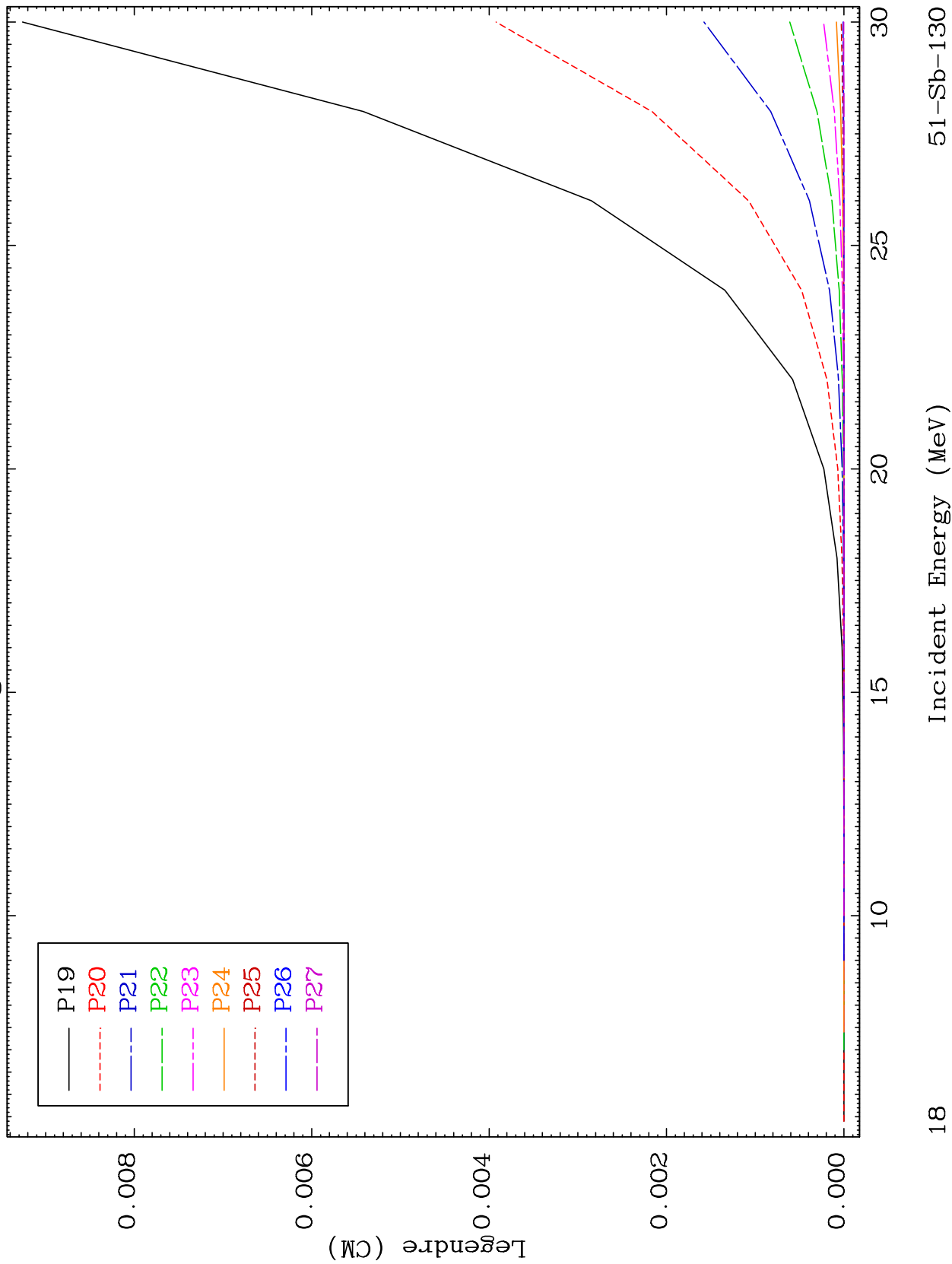
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

51-Sb-130



18

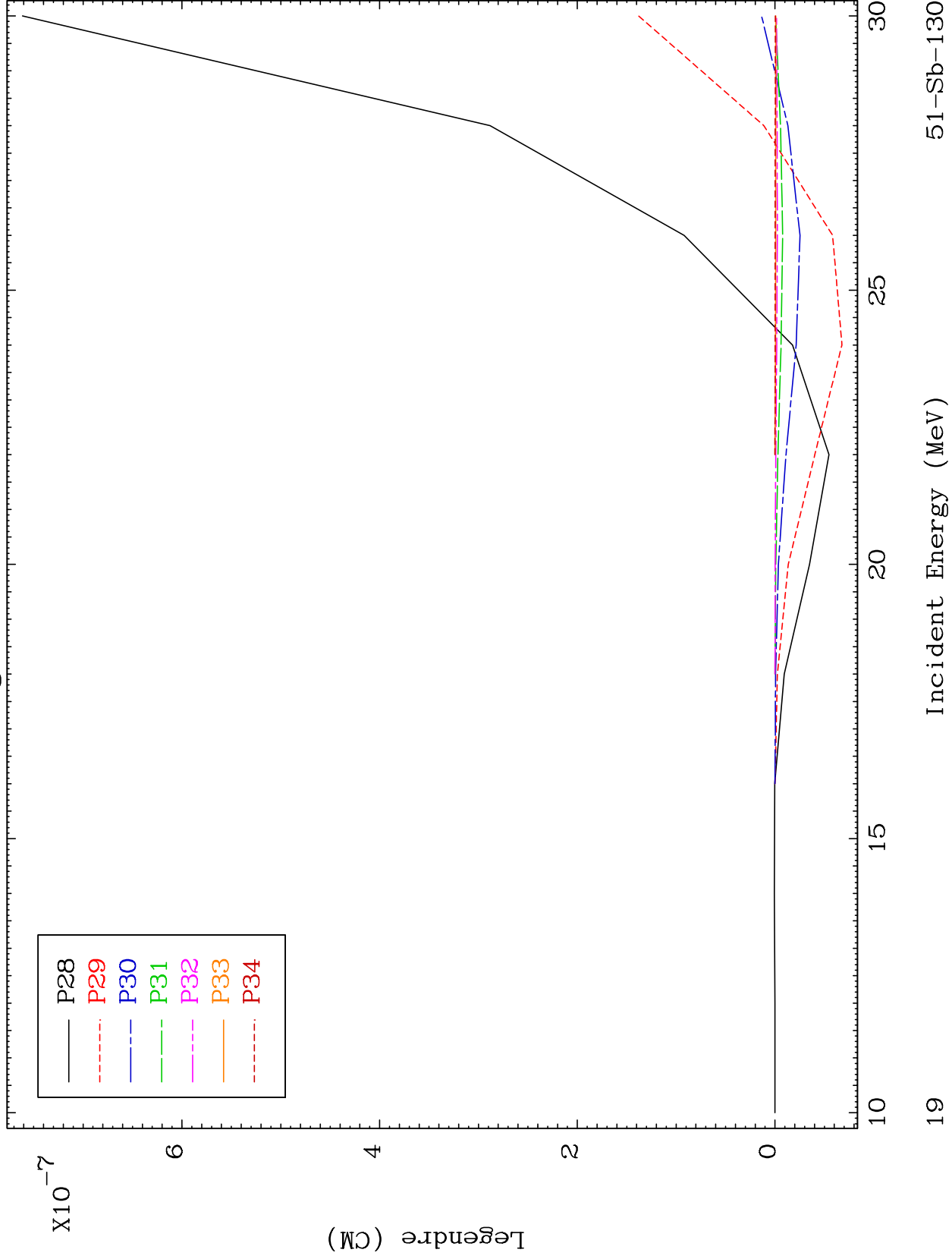
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

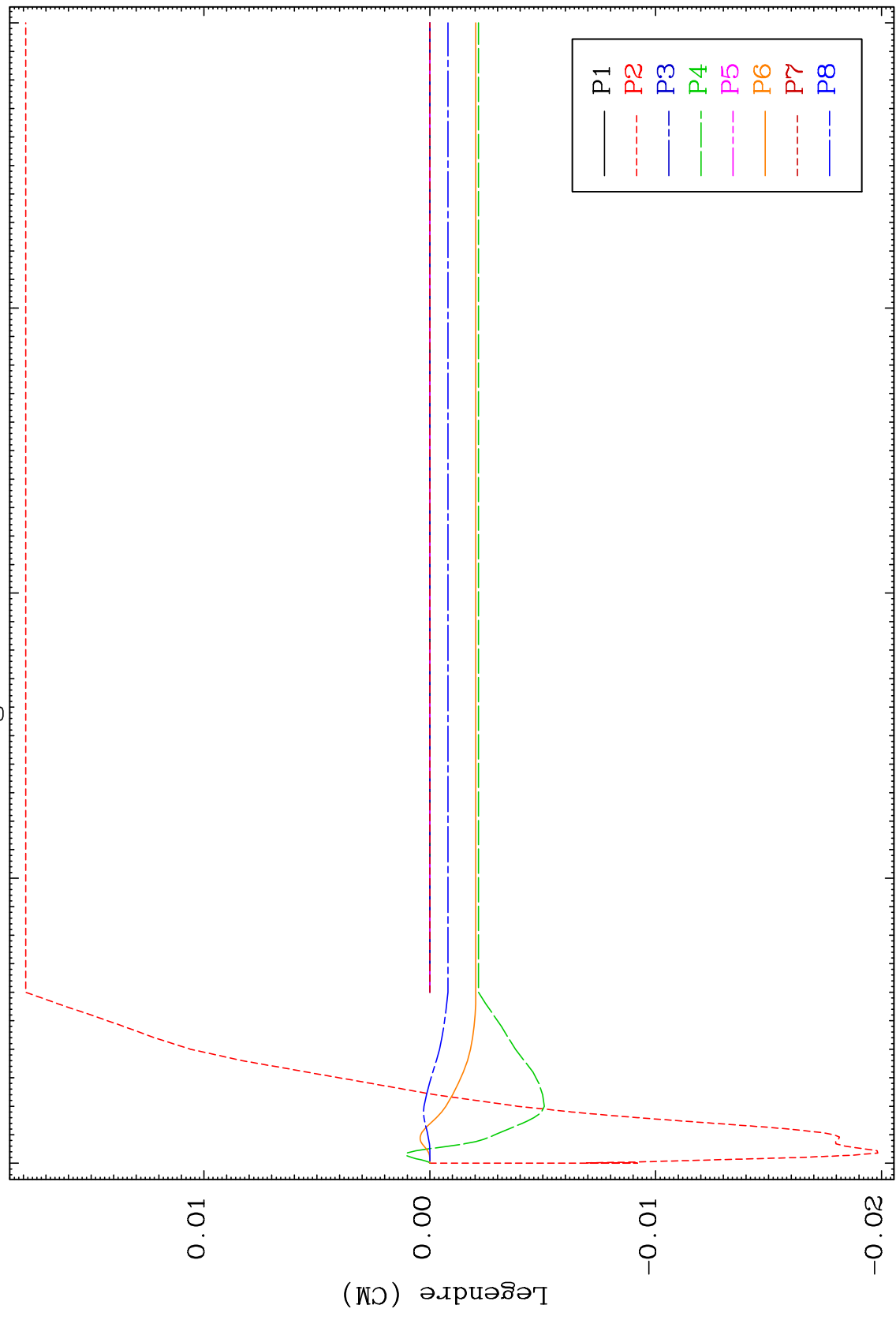
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

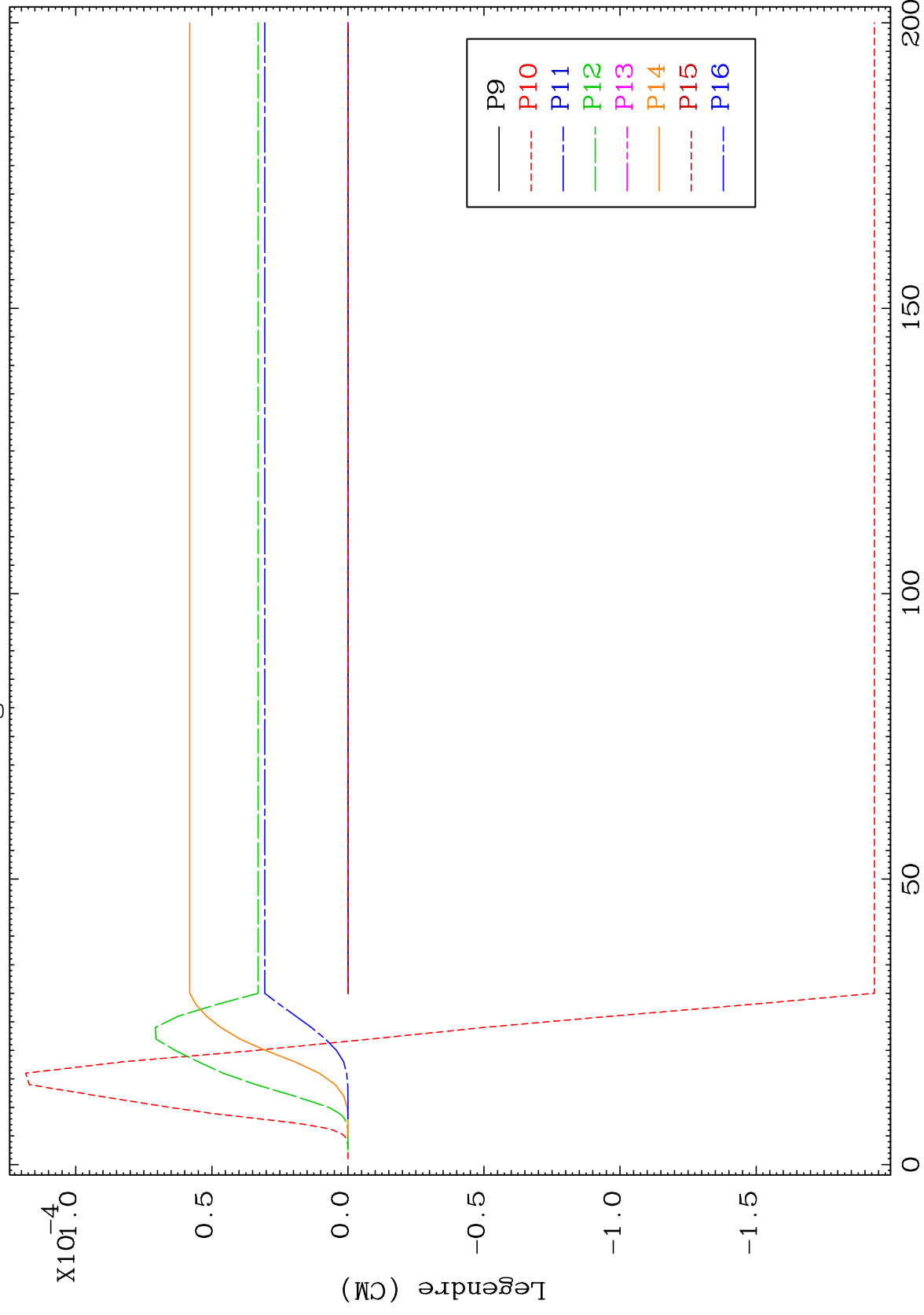
Incident Energy (MeV)

20

MAT 5152

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

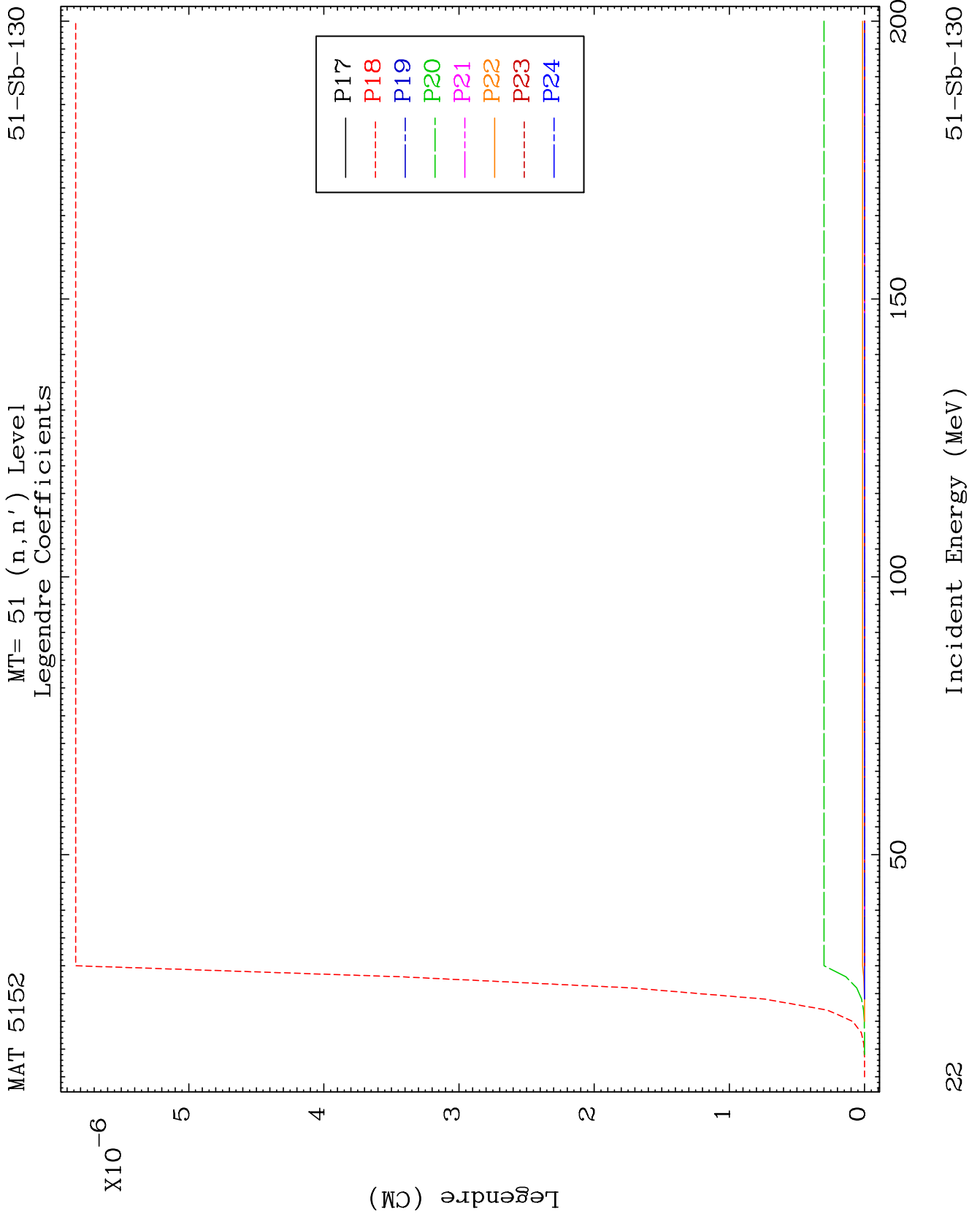
51-Sb-130



21

Incident Energy (MeV)

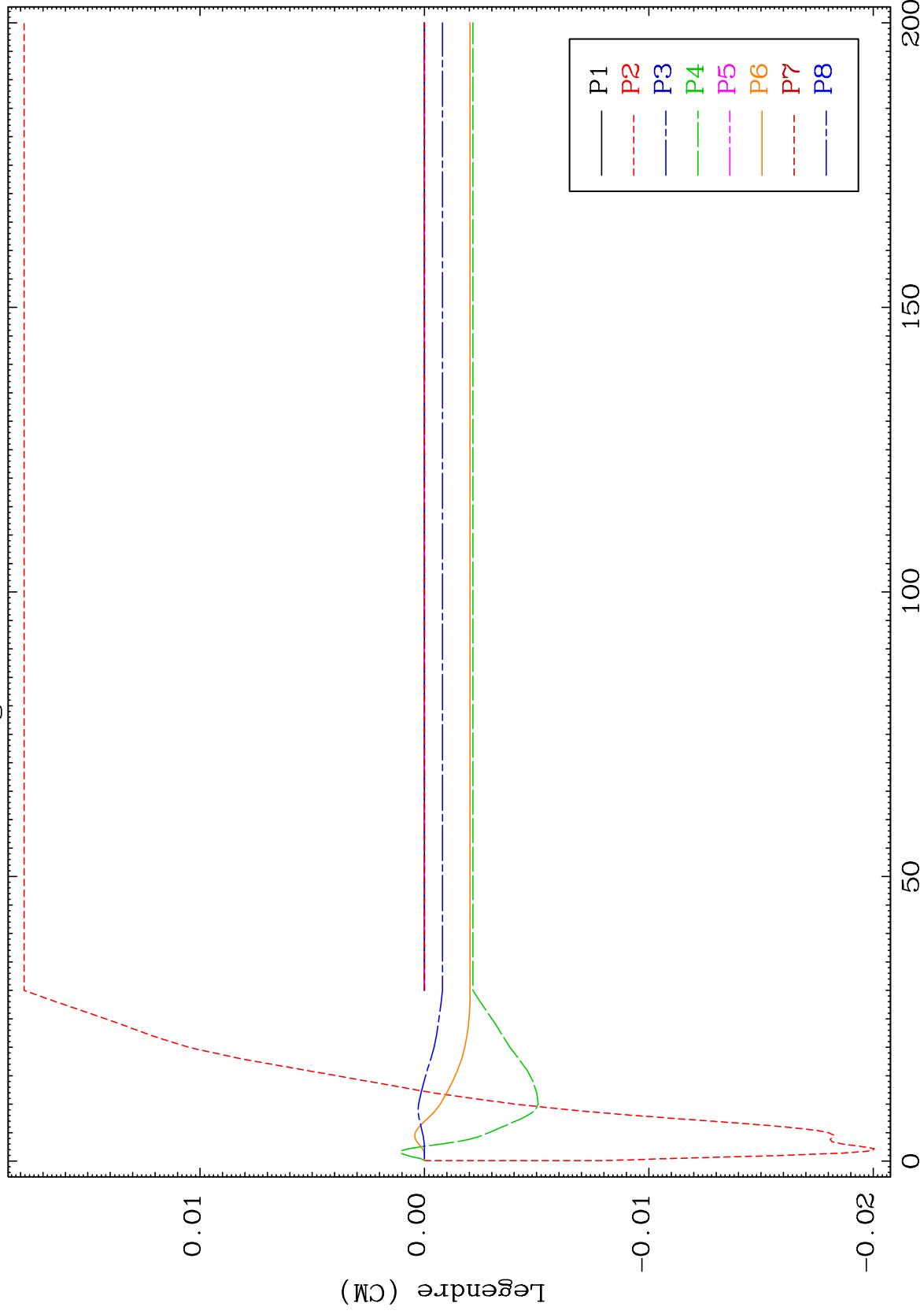
51-Sb-130



MAT 5152

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

51-Sb-130



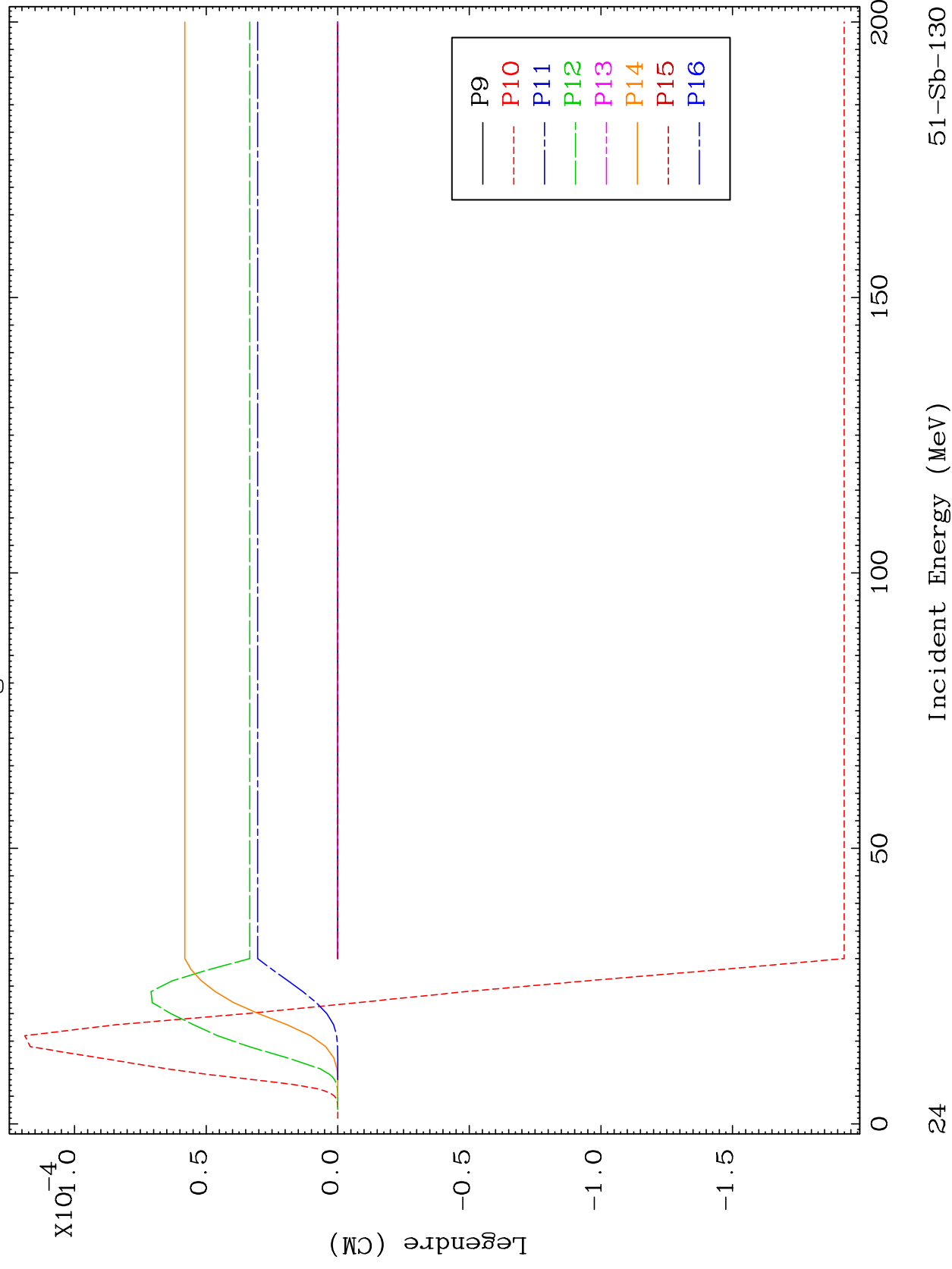
23

51-Sb-130

MAT 5152

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

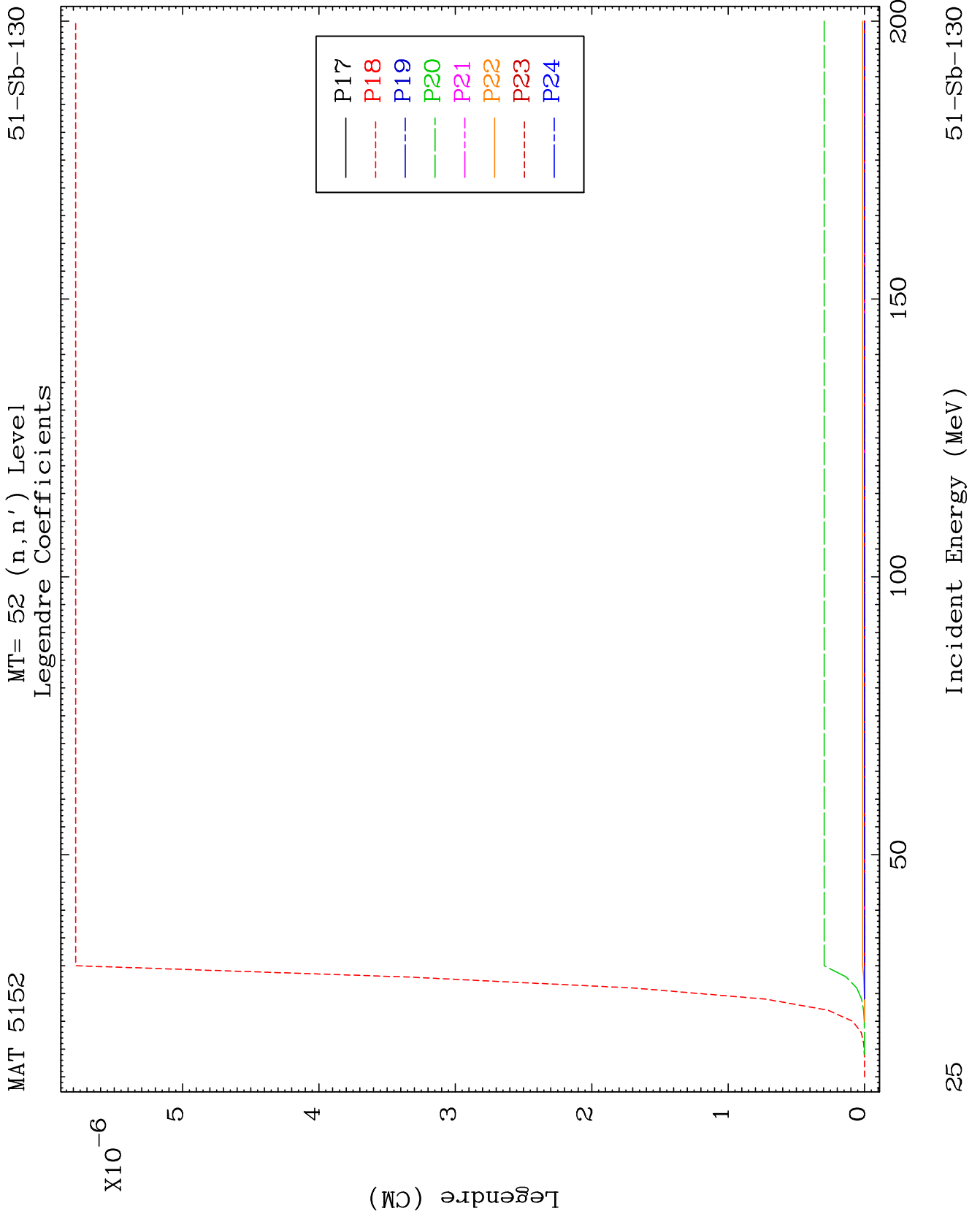
51-Sb-130



24

Incident Energy (MeV)

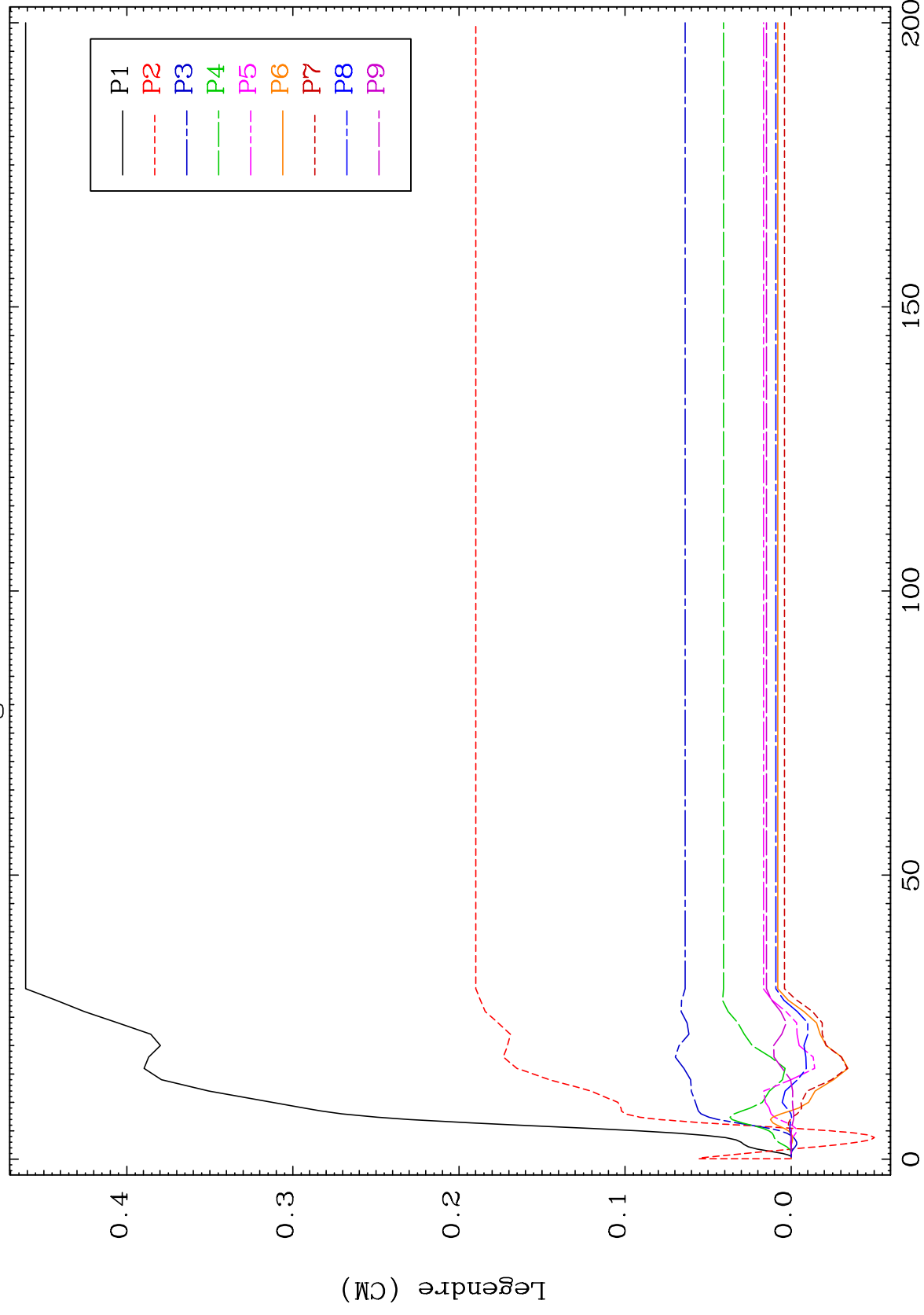
51-Sb-130



MAT 5152

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

51-Sb-130



26

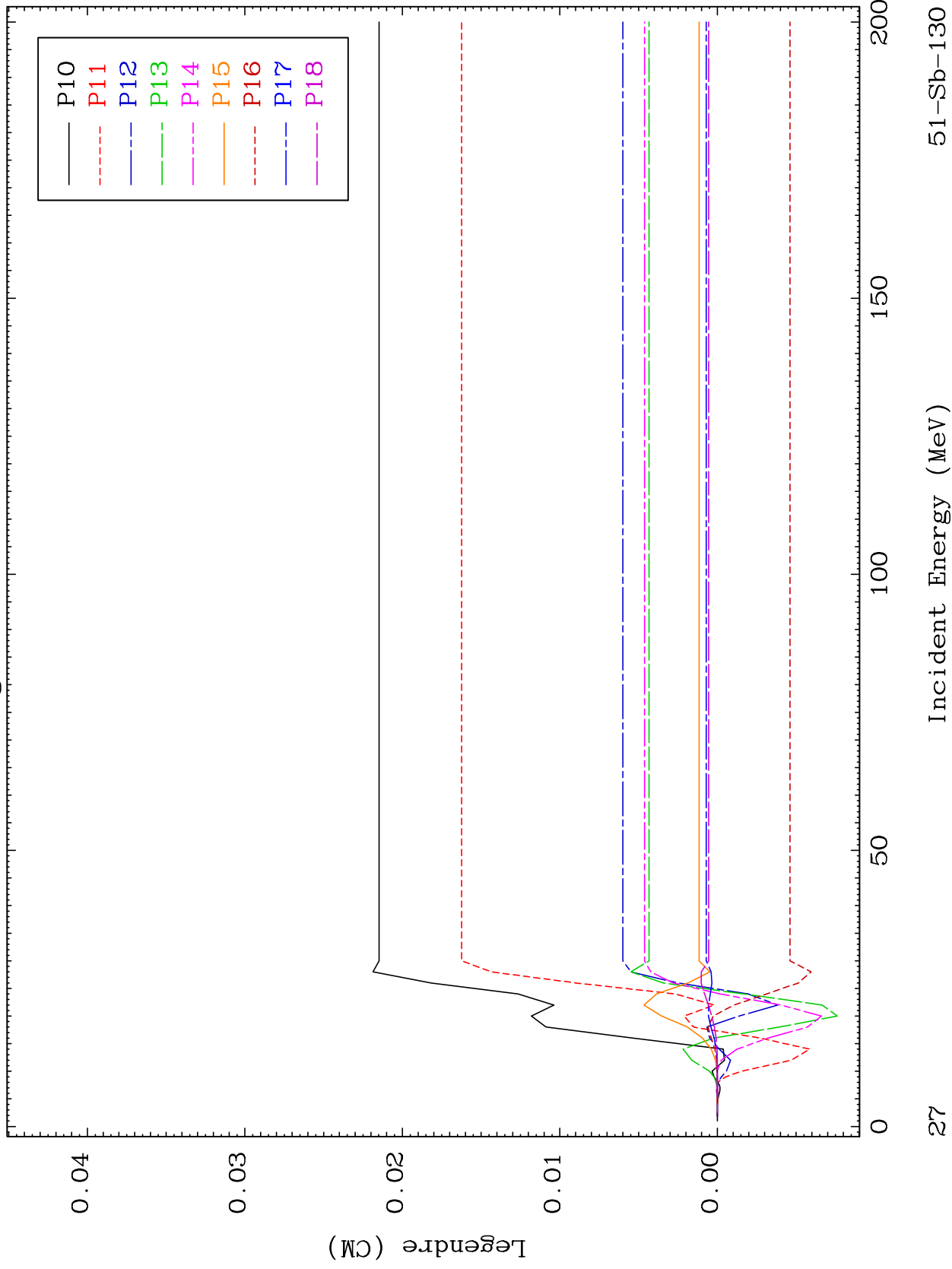
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



27

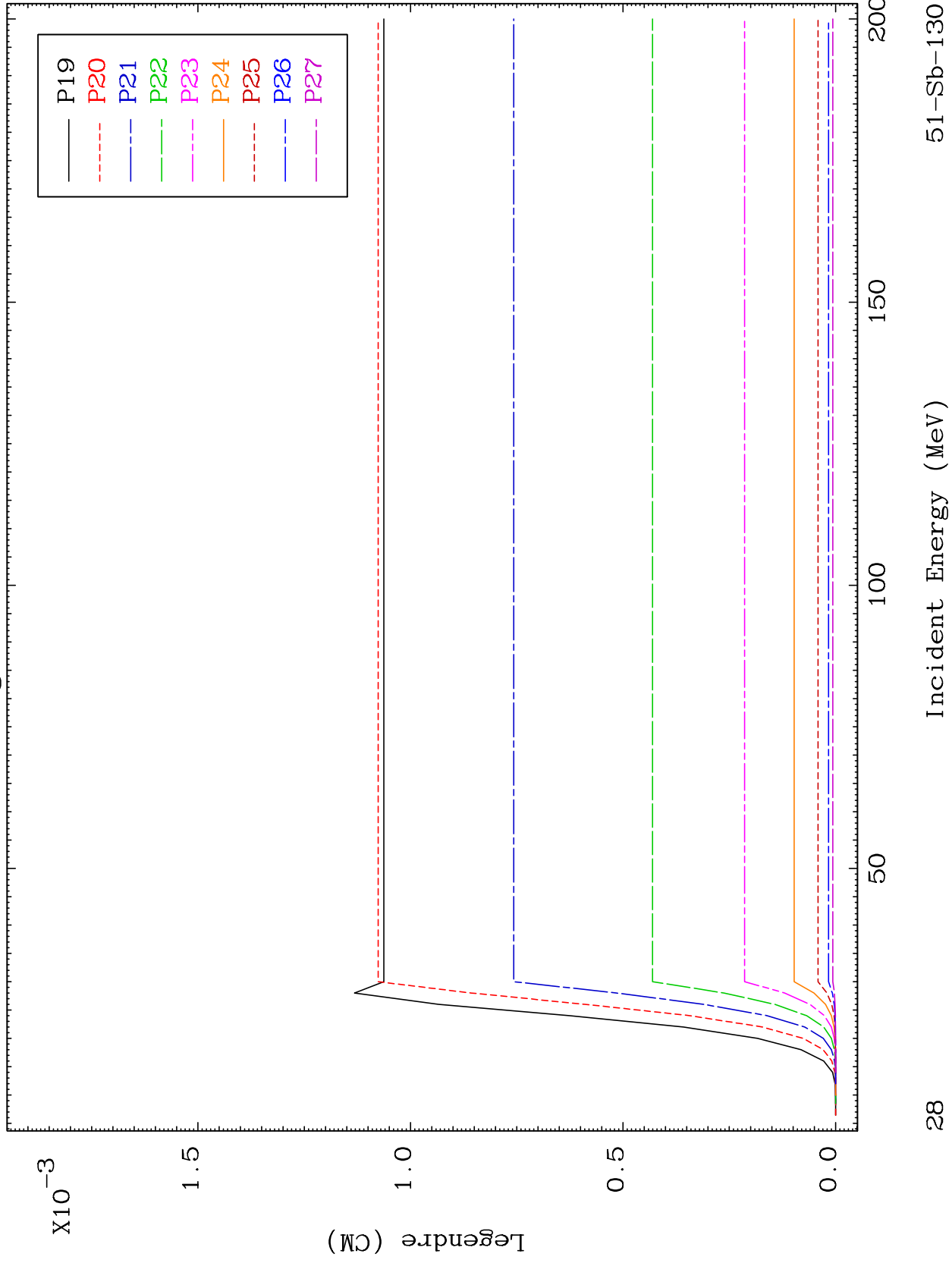
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130

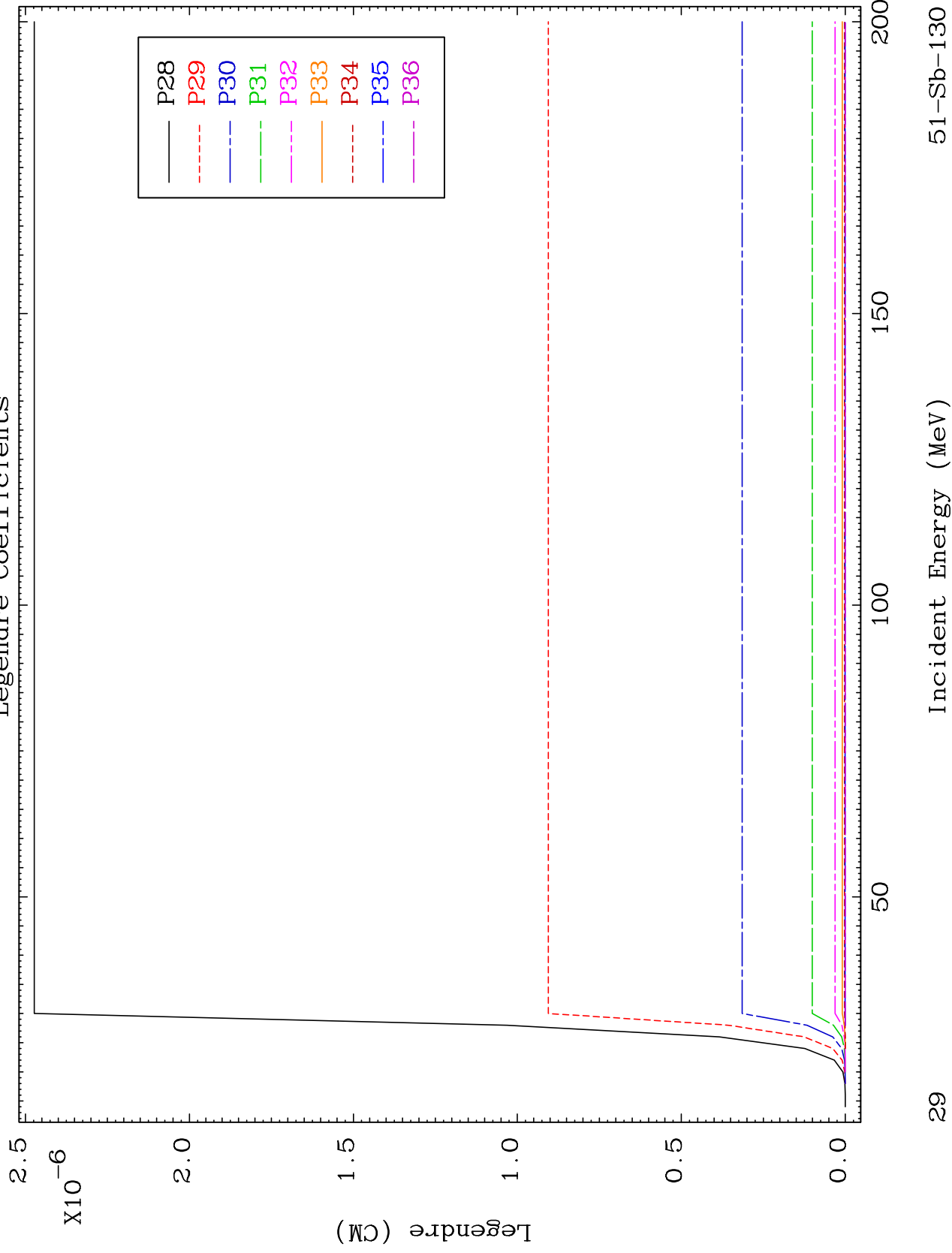


28

MAT 5152

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

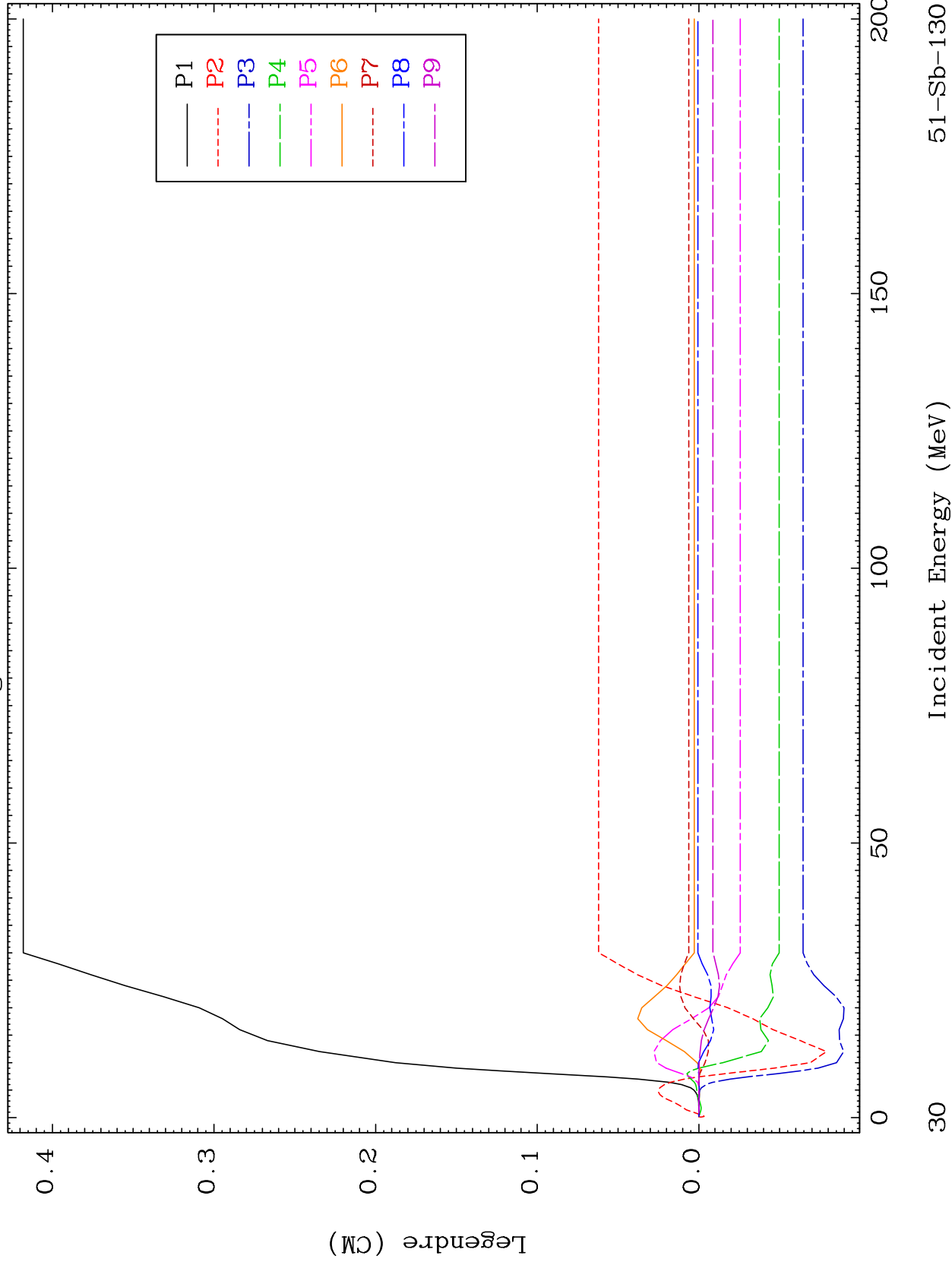
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

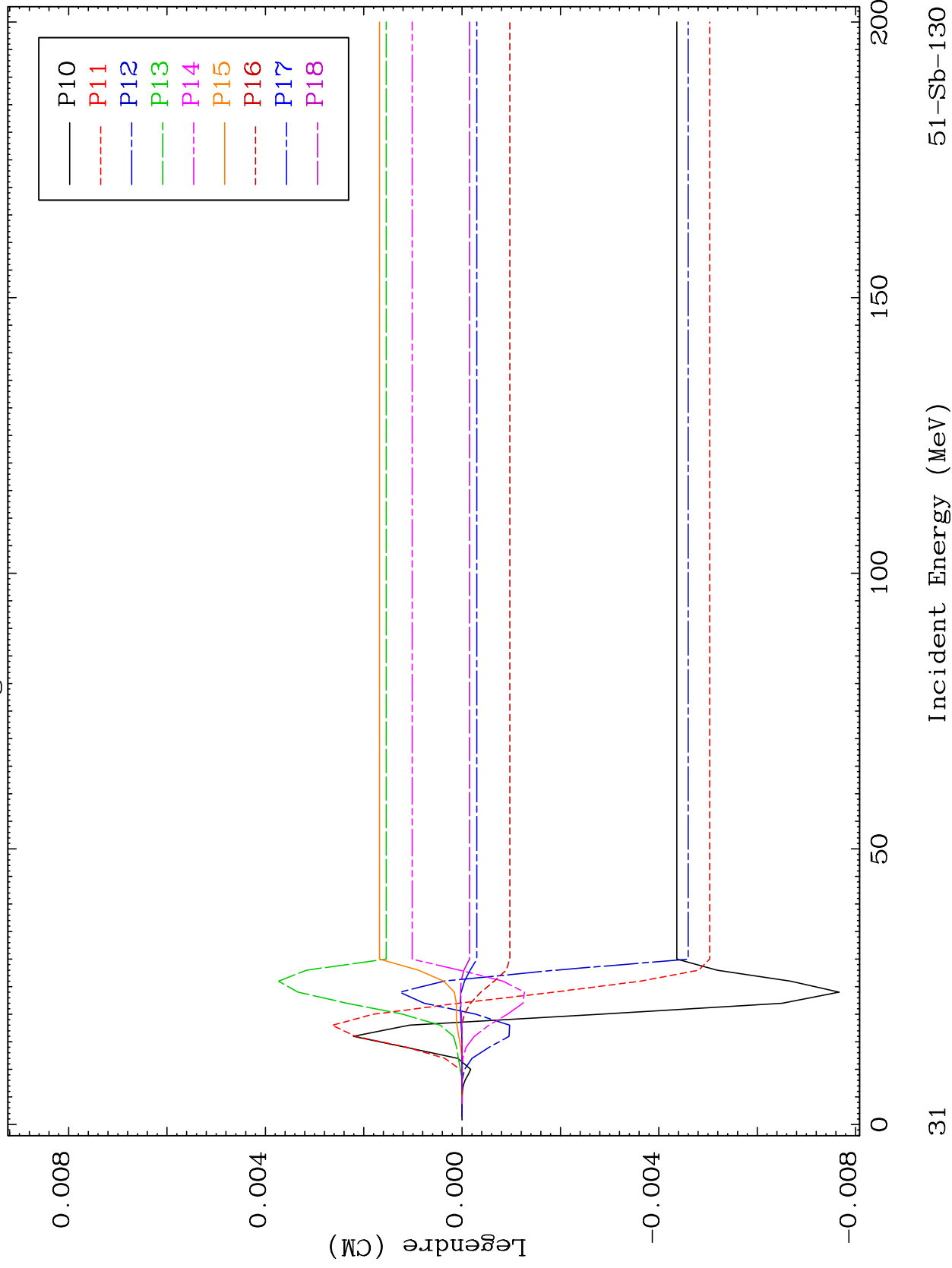
Incident Energy (MeV)

30

MAT 5152

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

51-Sb-130



51-Sb-130

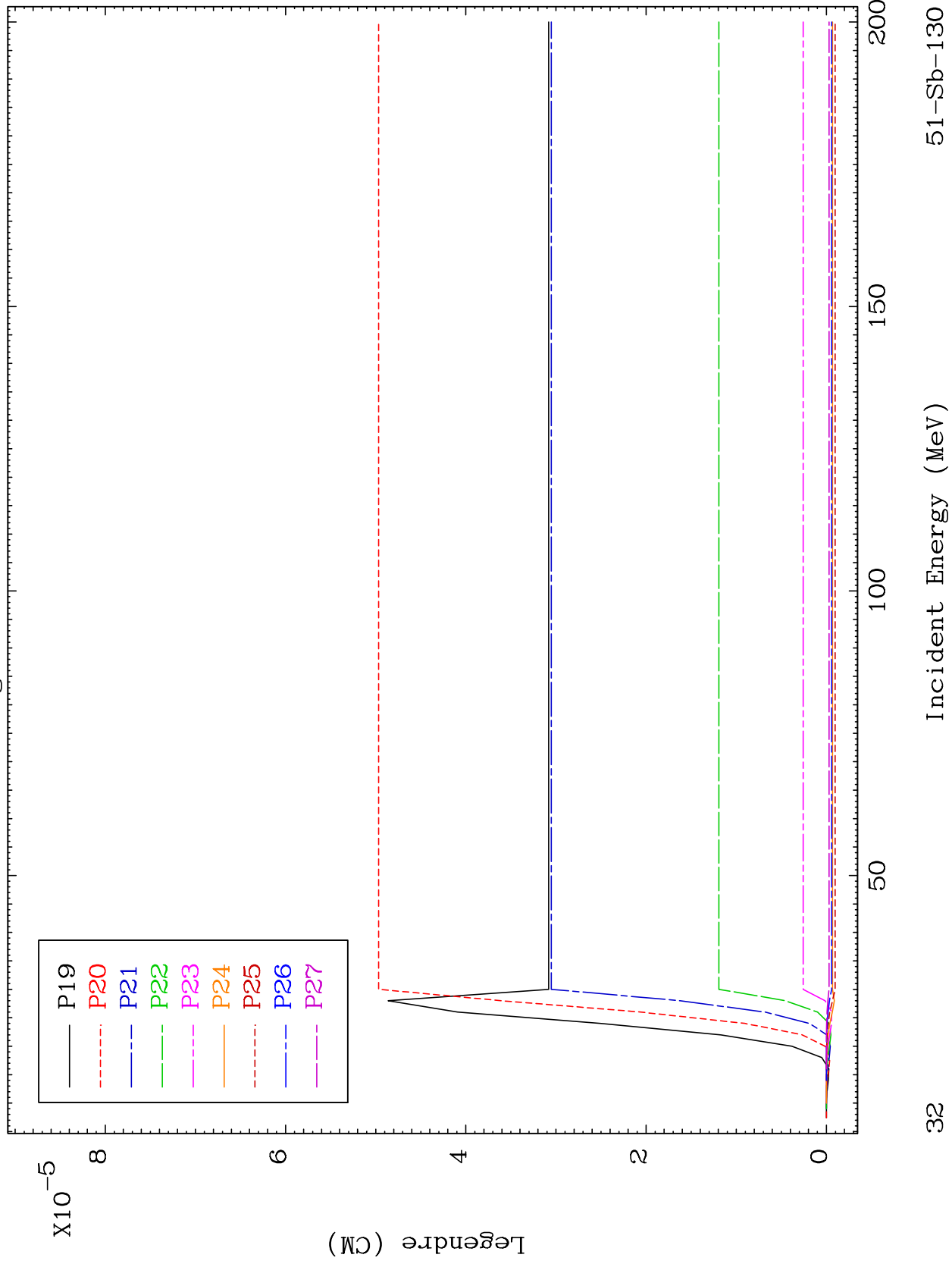
Incident Energy (MeV)

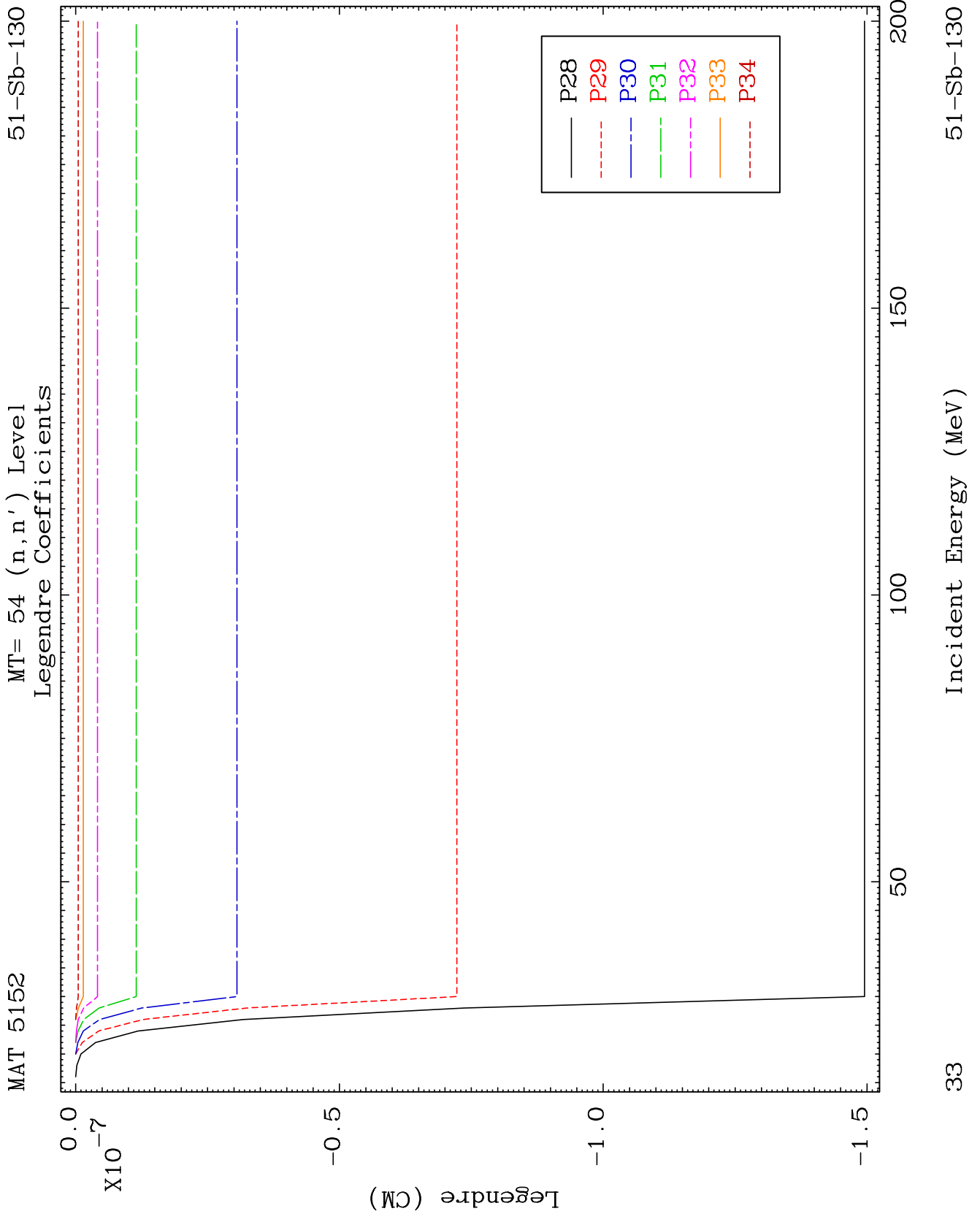
31

MAT 5152

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

51-Sb-130

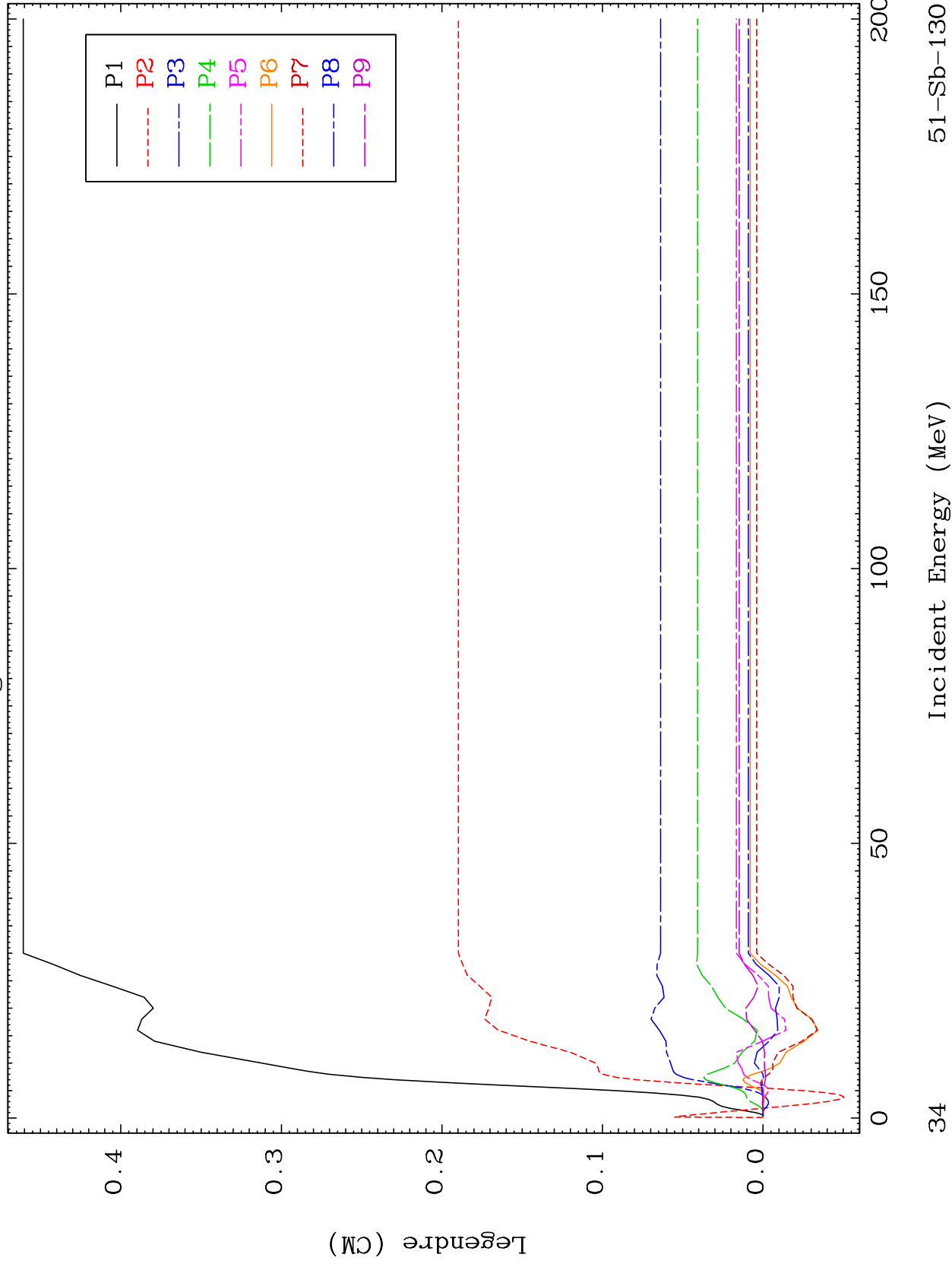




MAT 5152

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

51-Sb-130



51-Sb-130

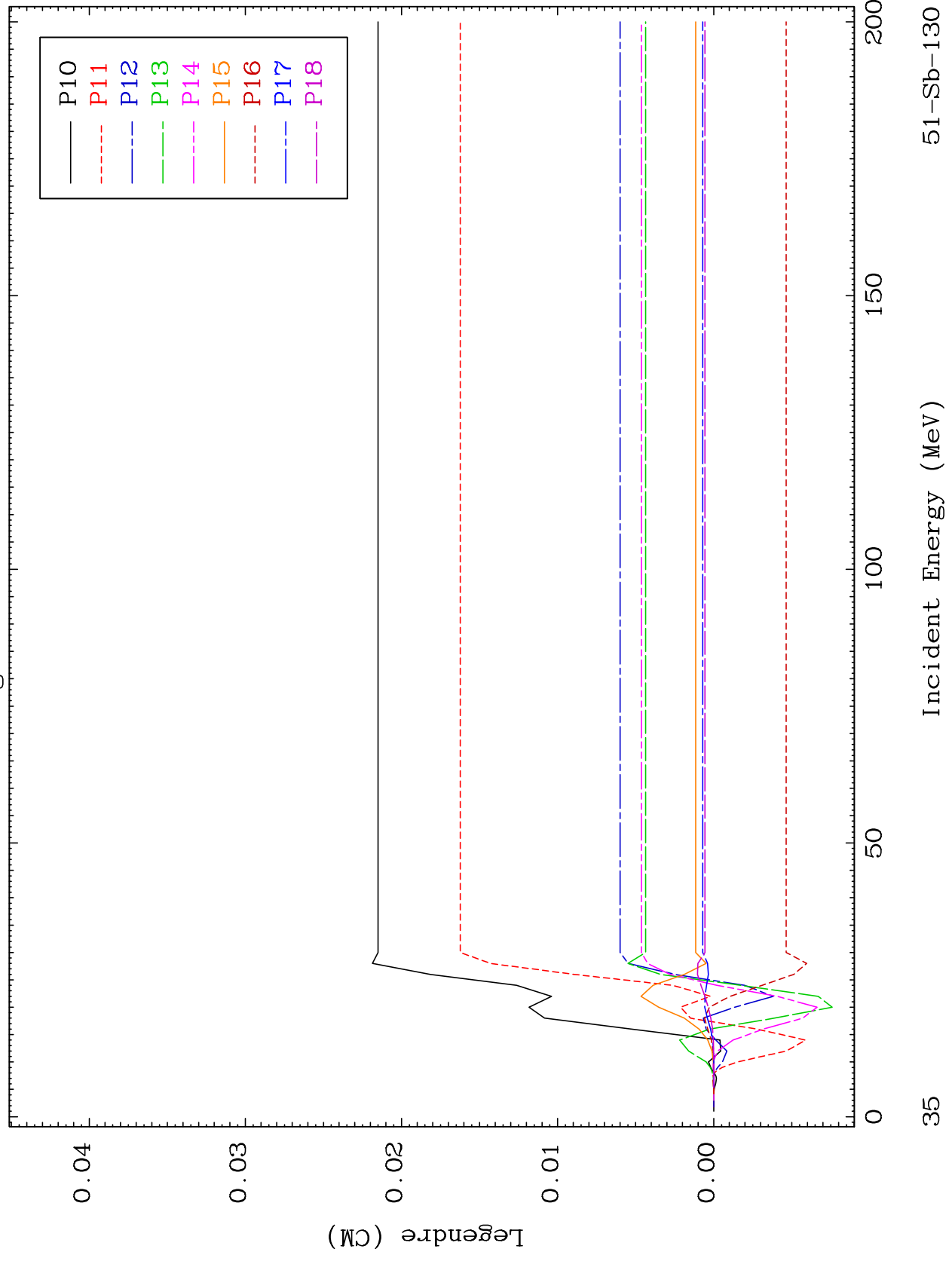
Incident Energy (MeV)

34

MAT 5152

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

51-Sb-130



51-Sb-130

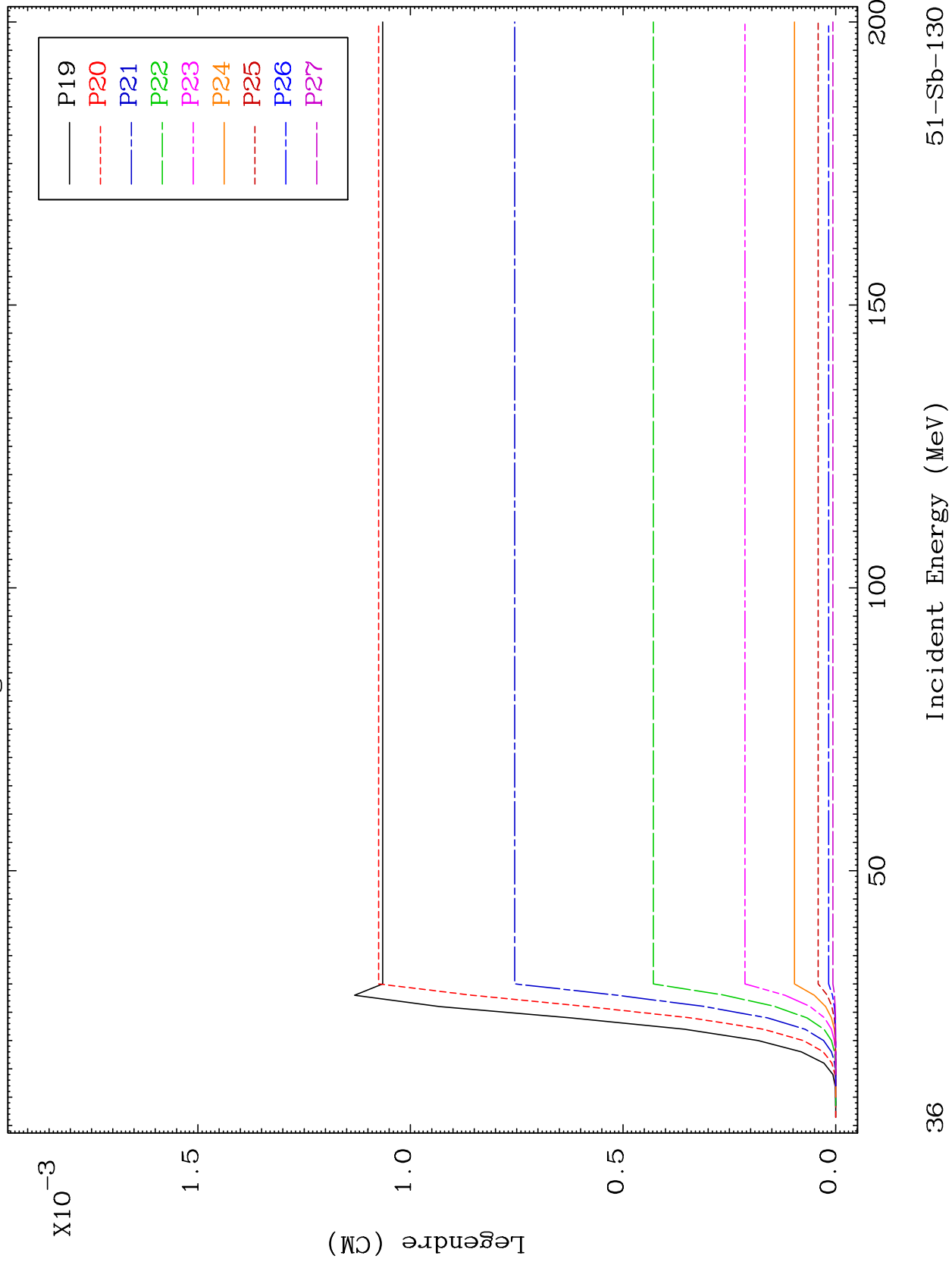
Incident Energy (MeV)

35

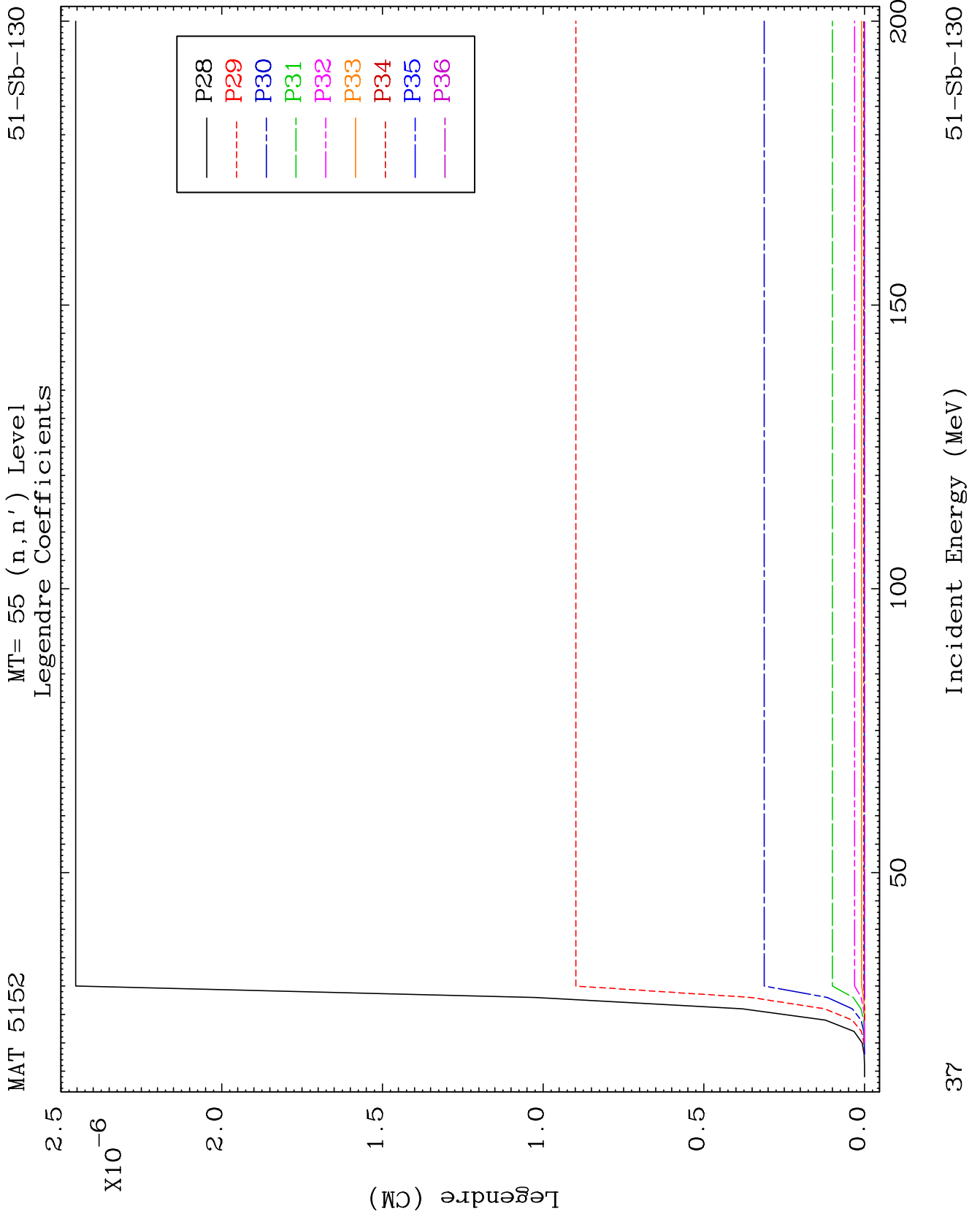
MAT 5152

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

51-Sb-130



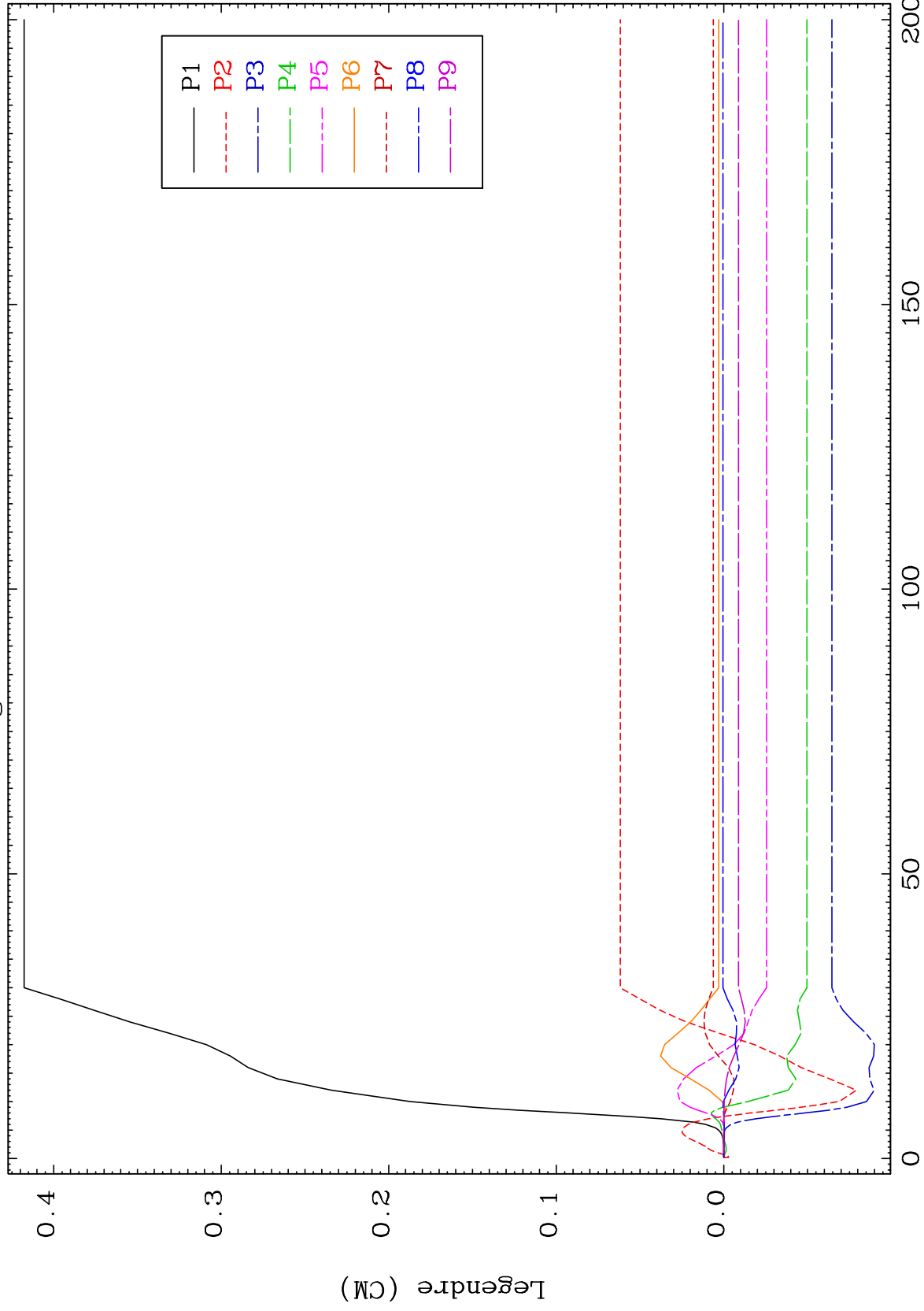
36



MAT 5152

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

51-Sb-130



51-Sb-130

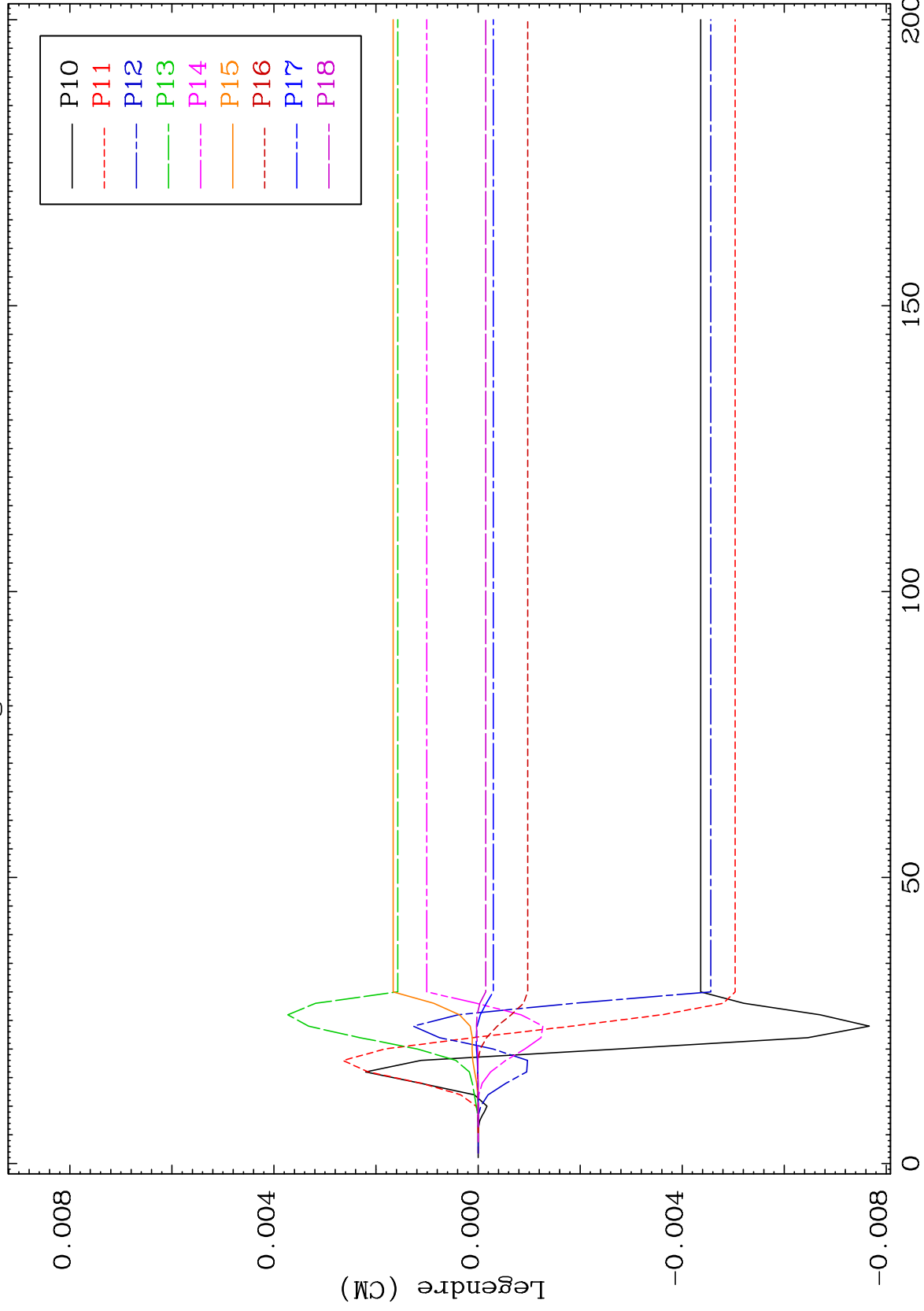
Incident Energy (MeV)

38

MAT 5152

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

51-Sb-130



39

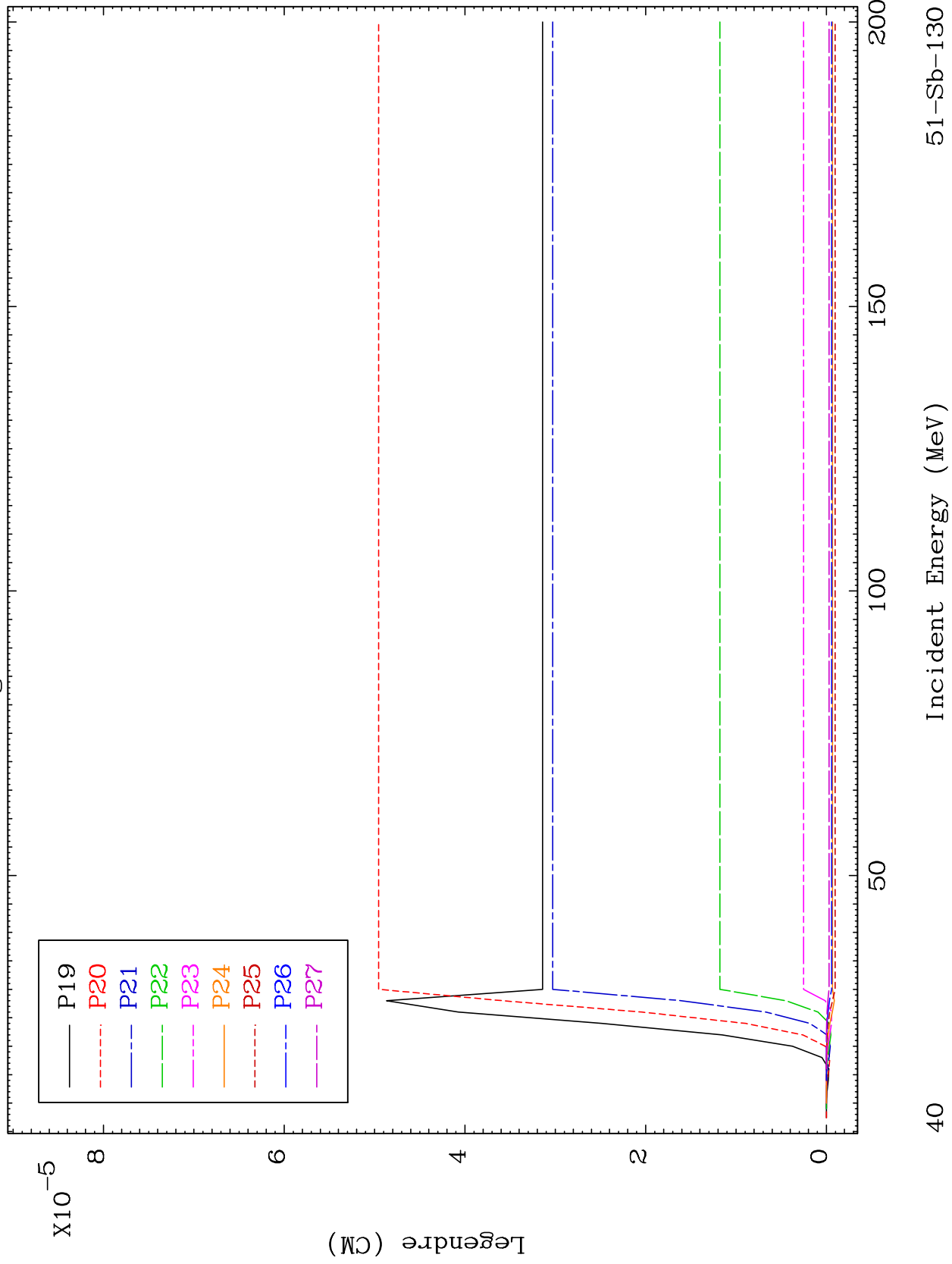
Incident Energy (MeV)

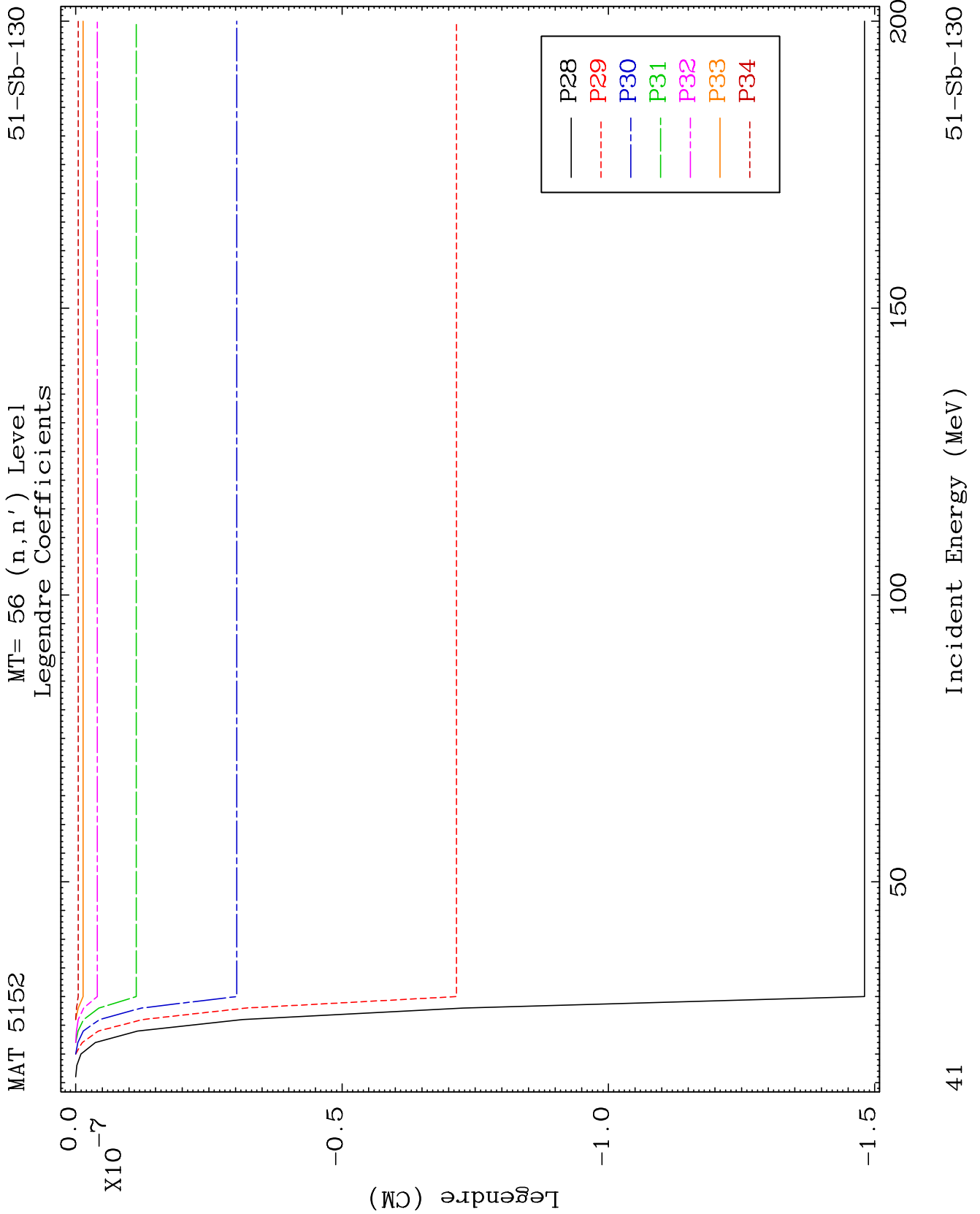
51-Sb-130

MAT 5152

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

51-Sb-130

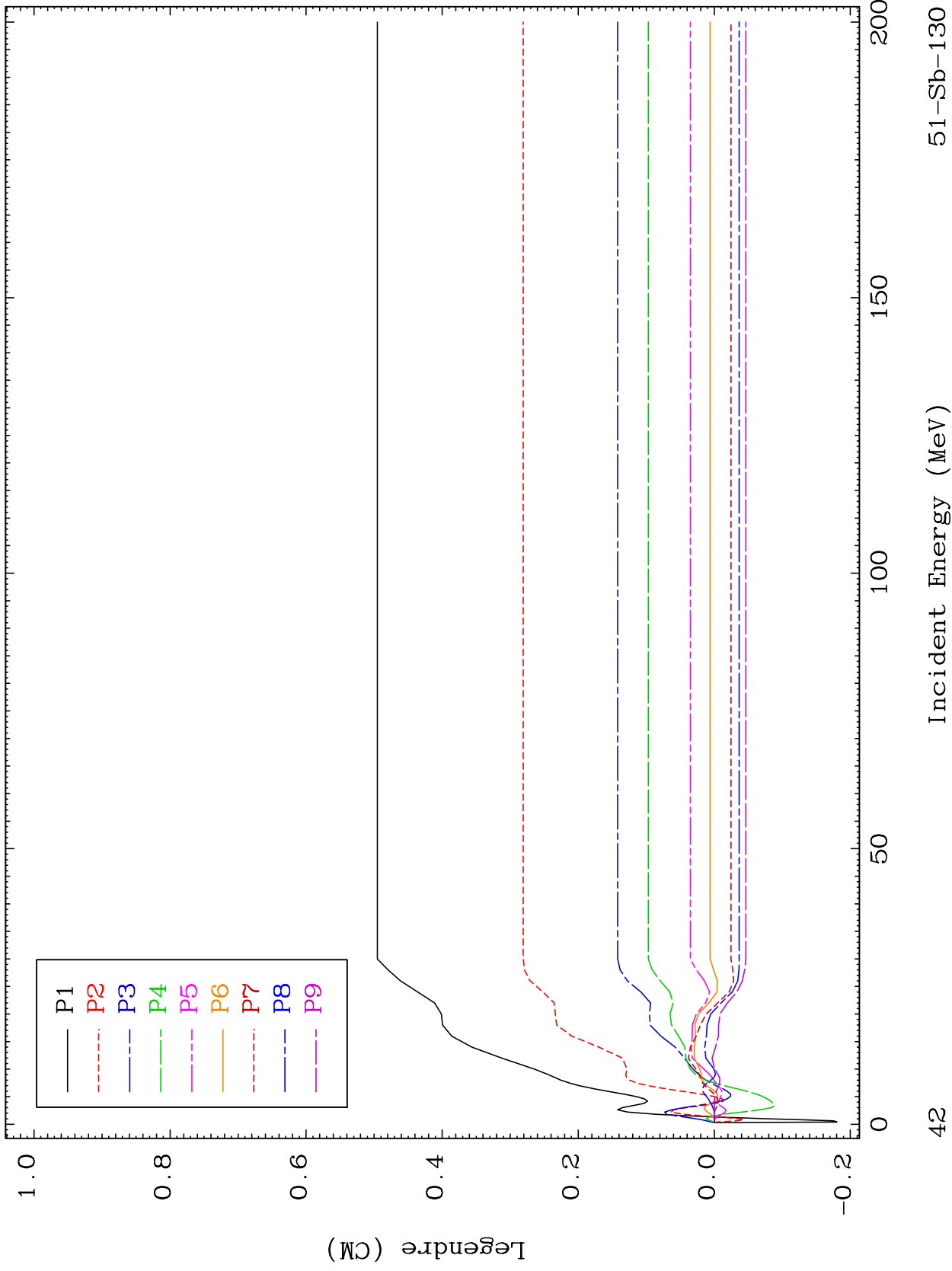




MAT 5152

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

51-Sb-130



51-Sb-130

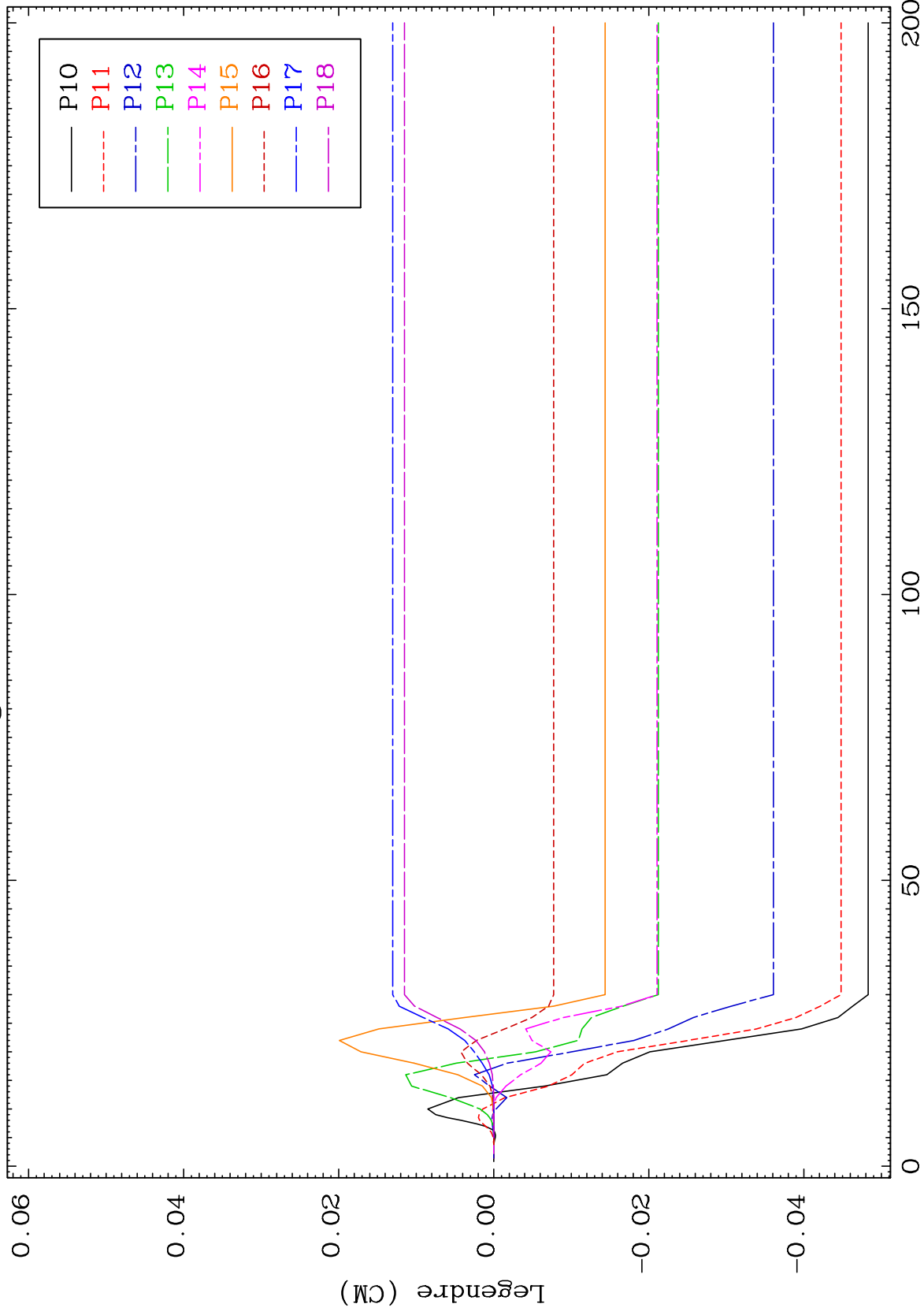
Incident Energy (MeV)

42

MAT 5152

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

51-Sb-130



43

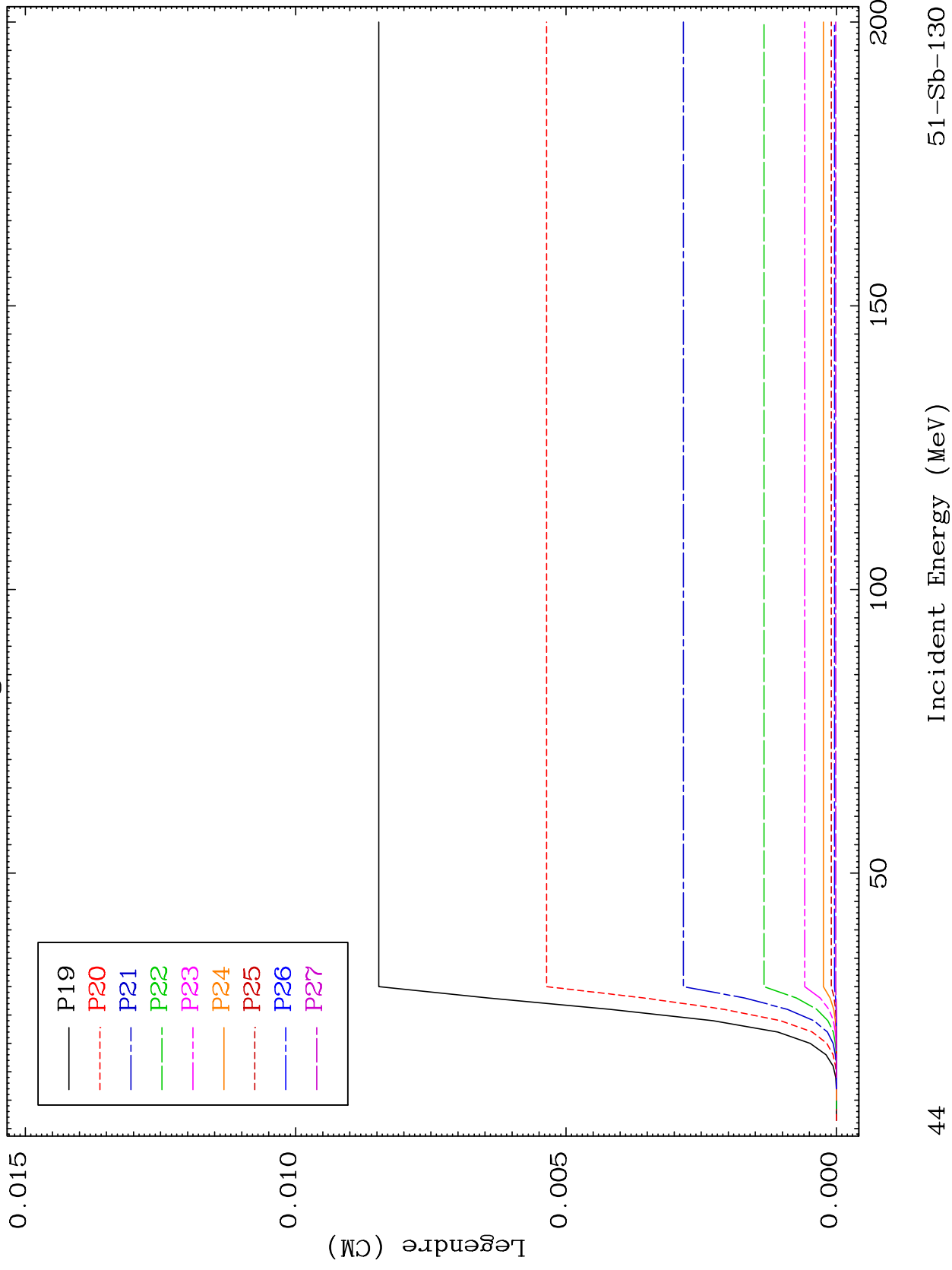
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



44

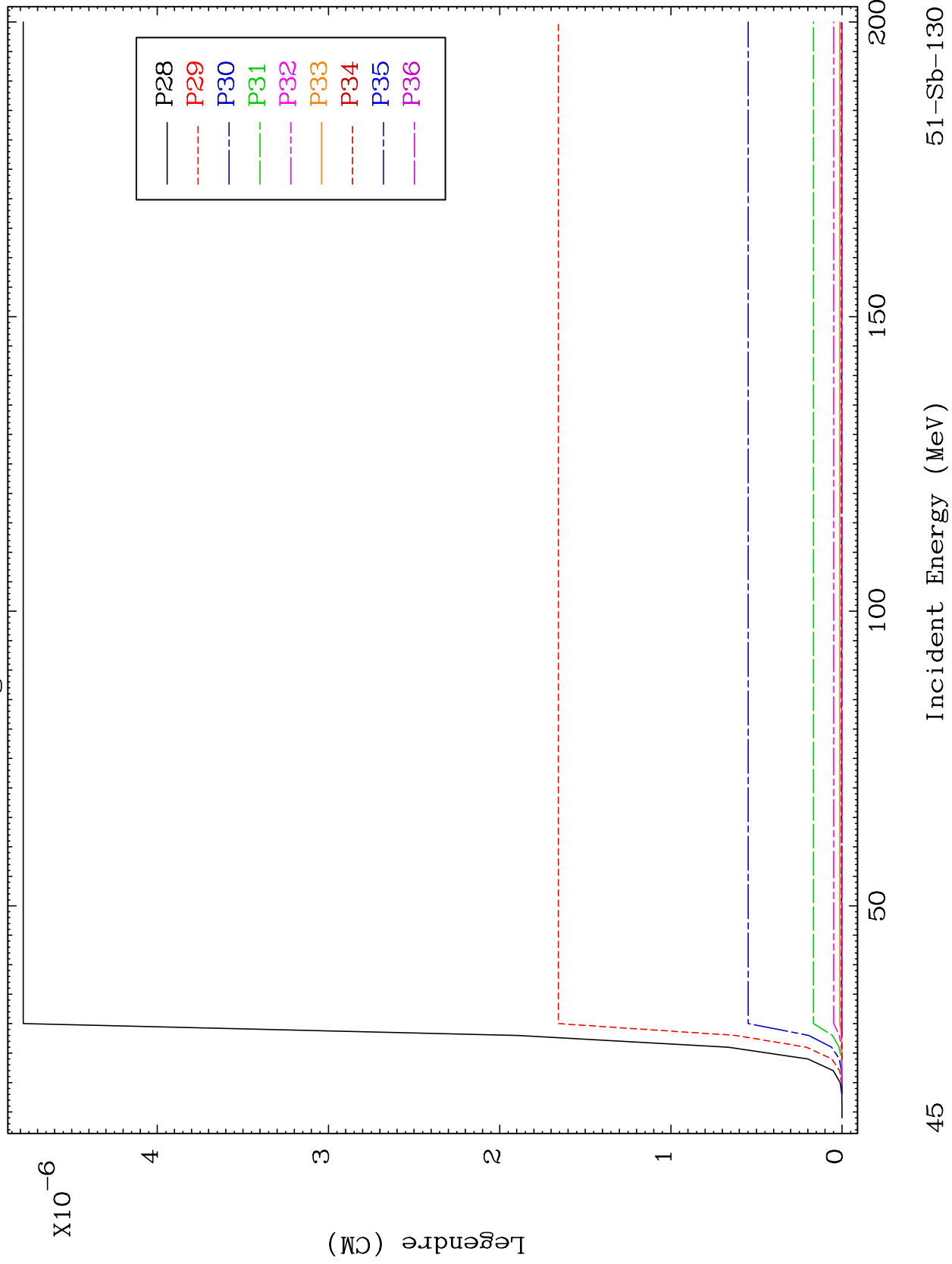
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

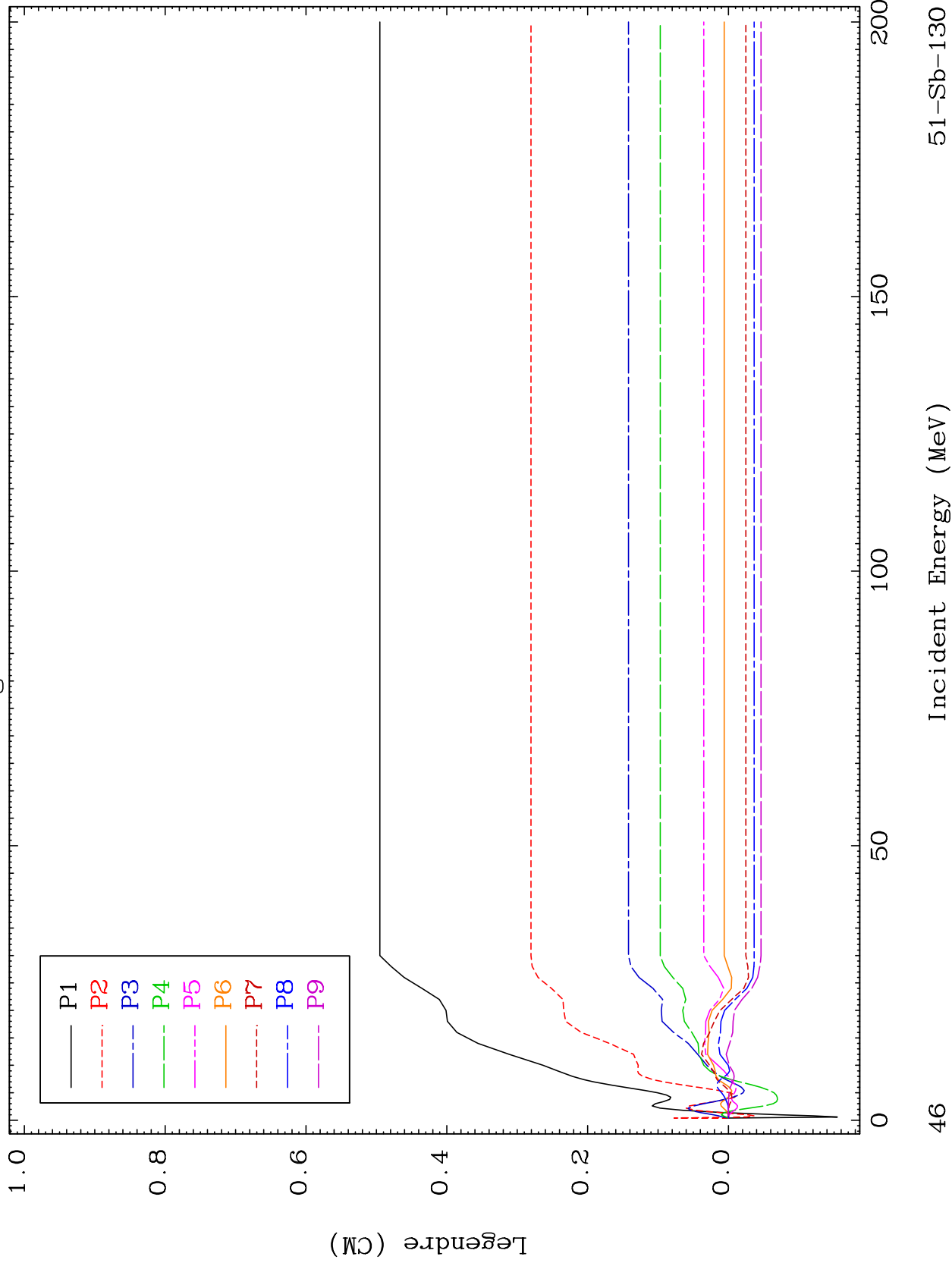
51-Sb-130



MAT 5152

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

51-Sb-130



46

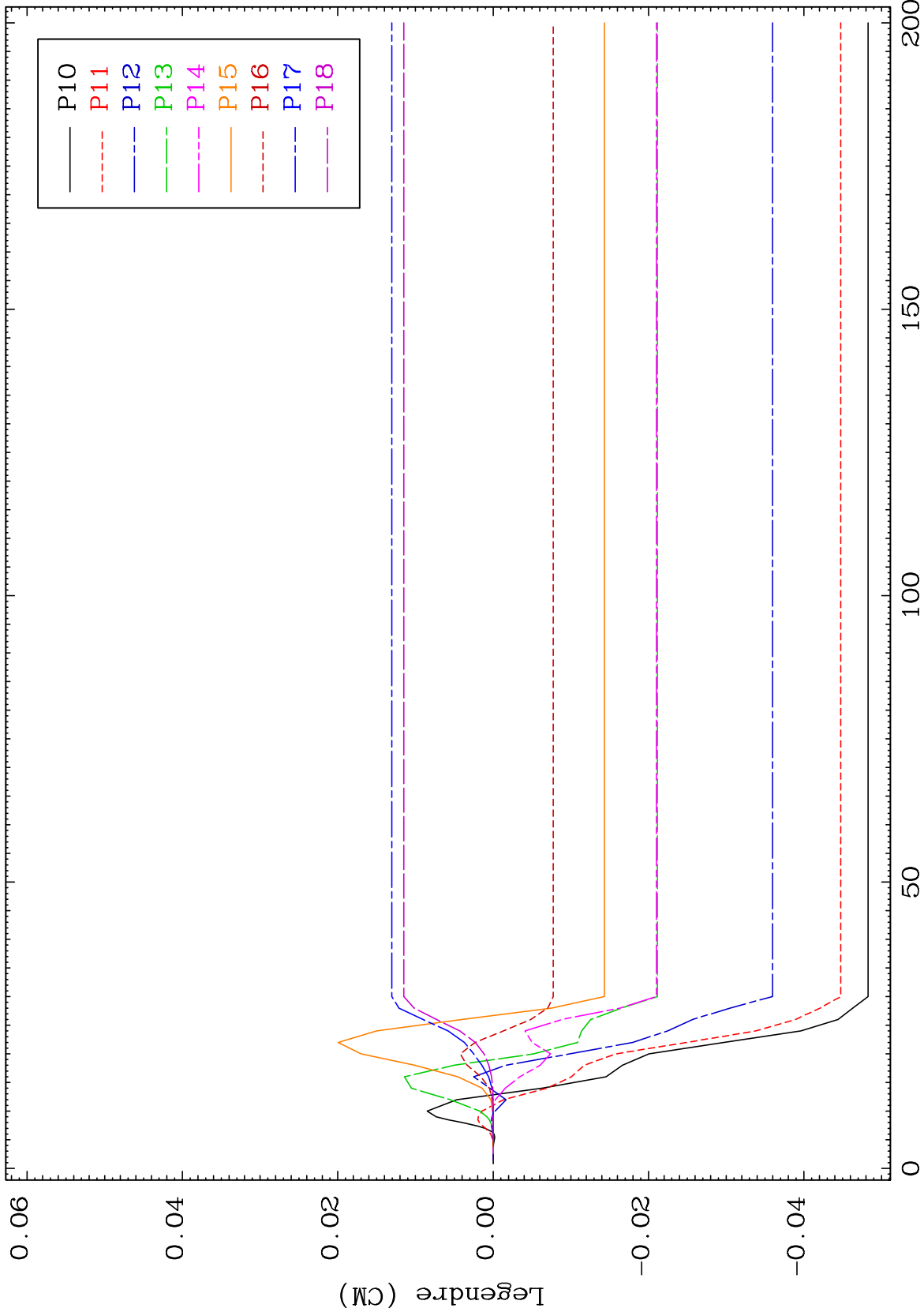
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



47

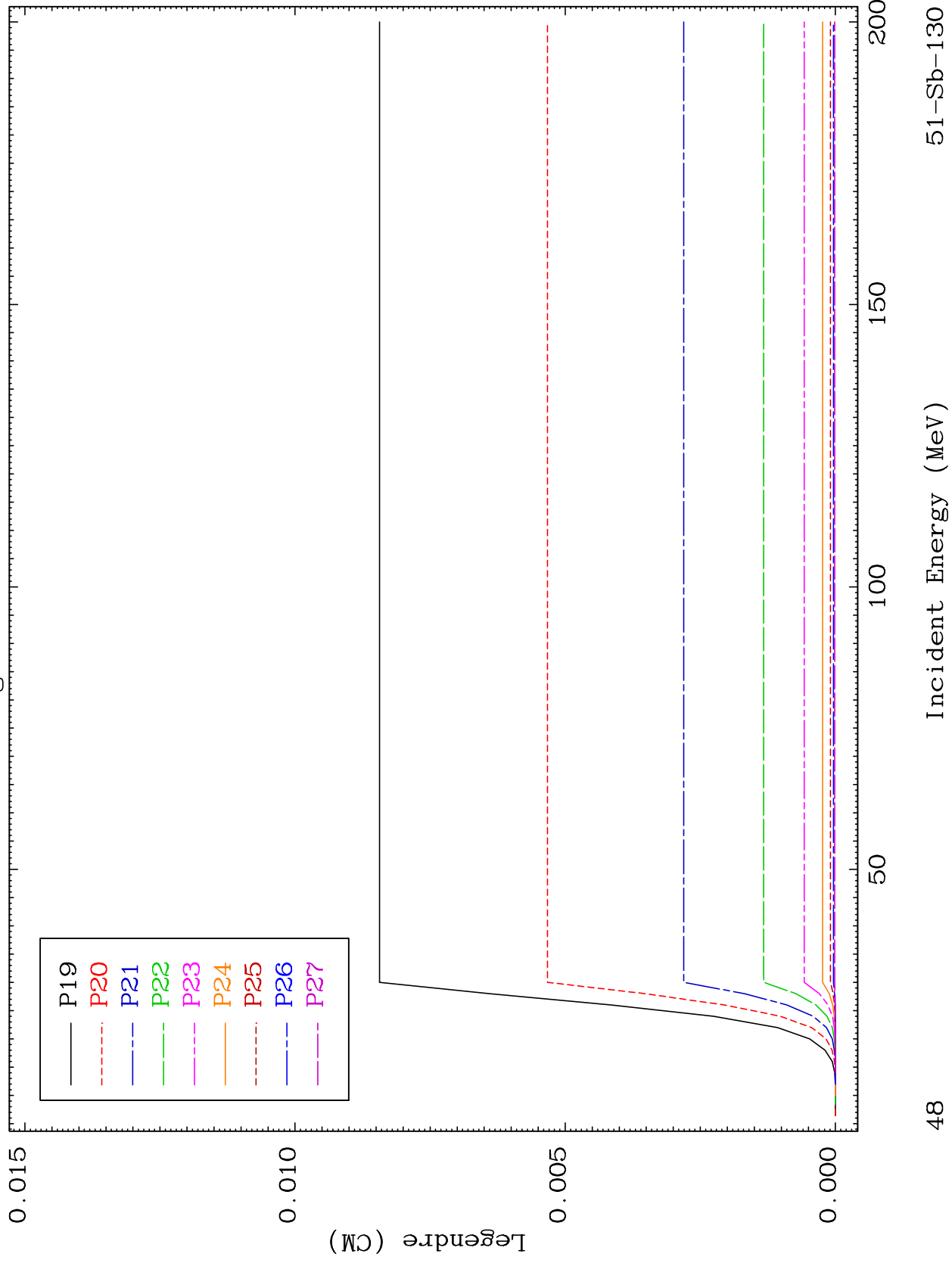
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



48

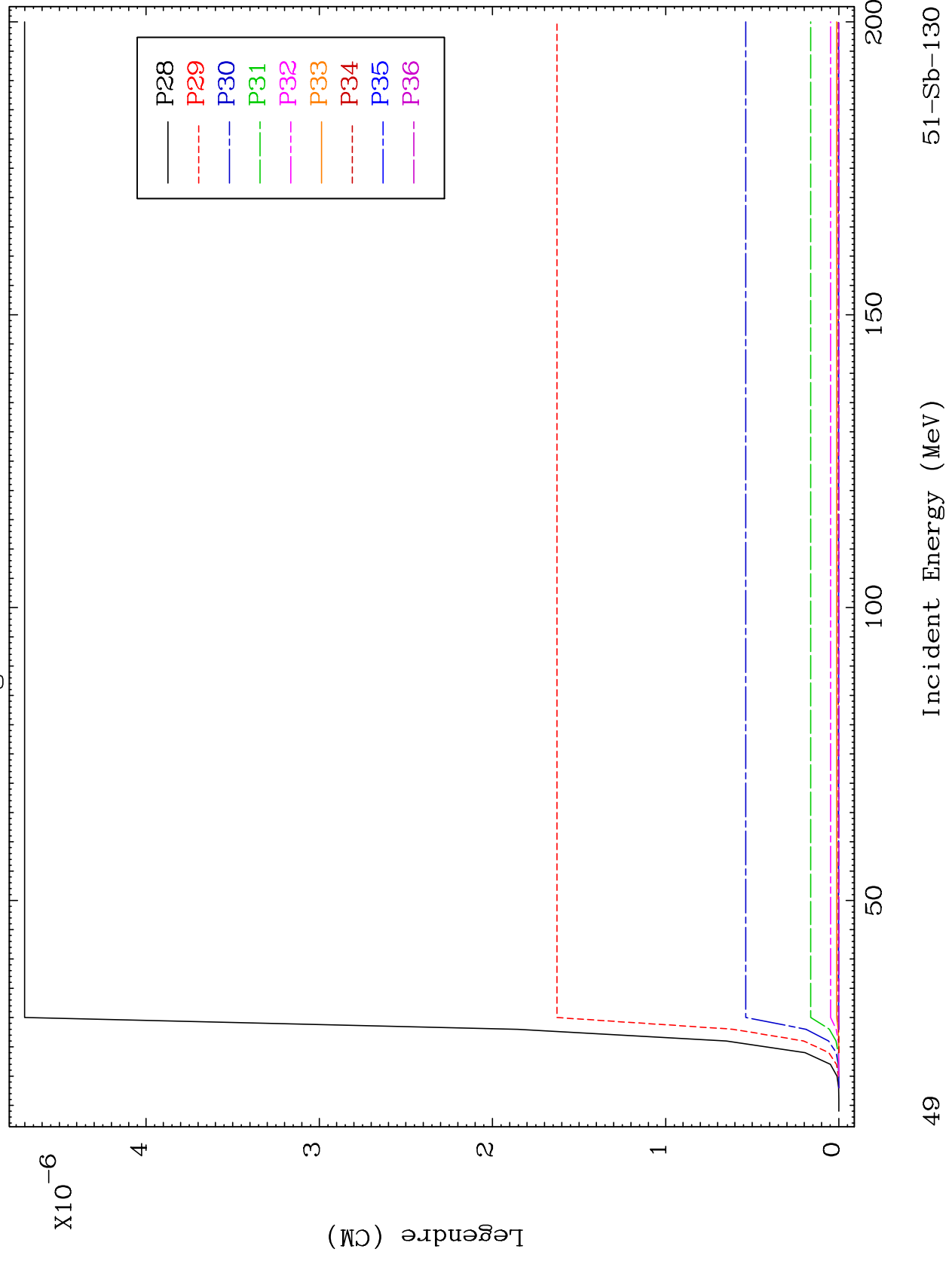
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



49

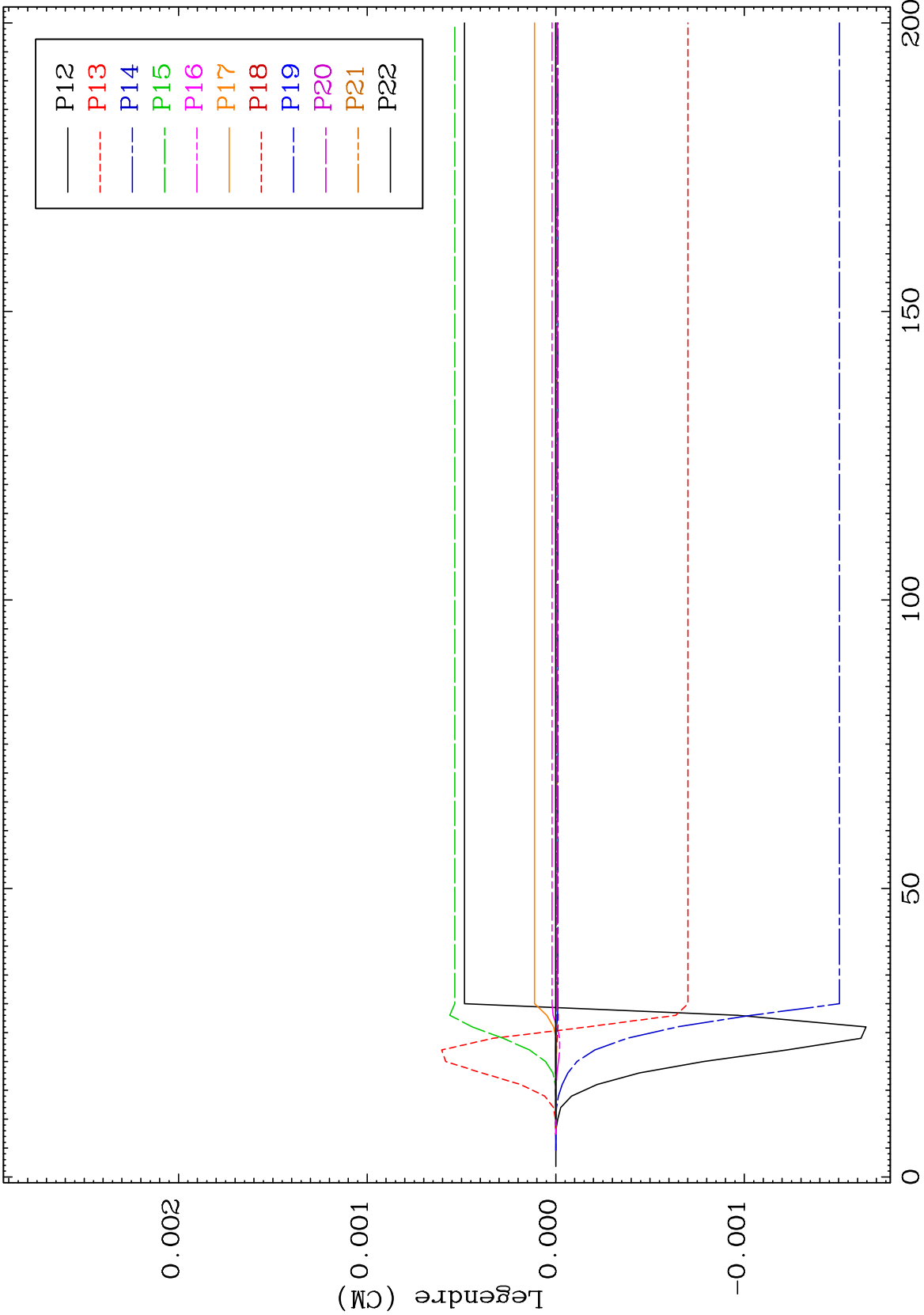
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



51

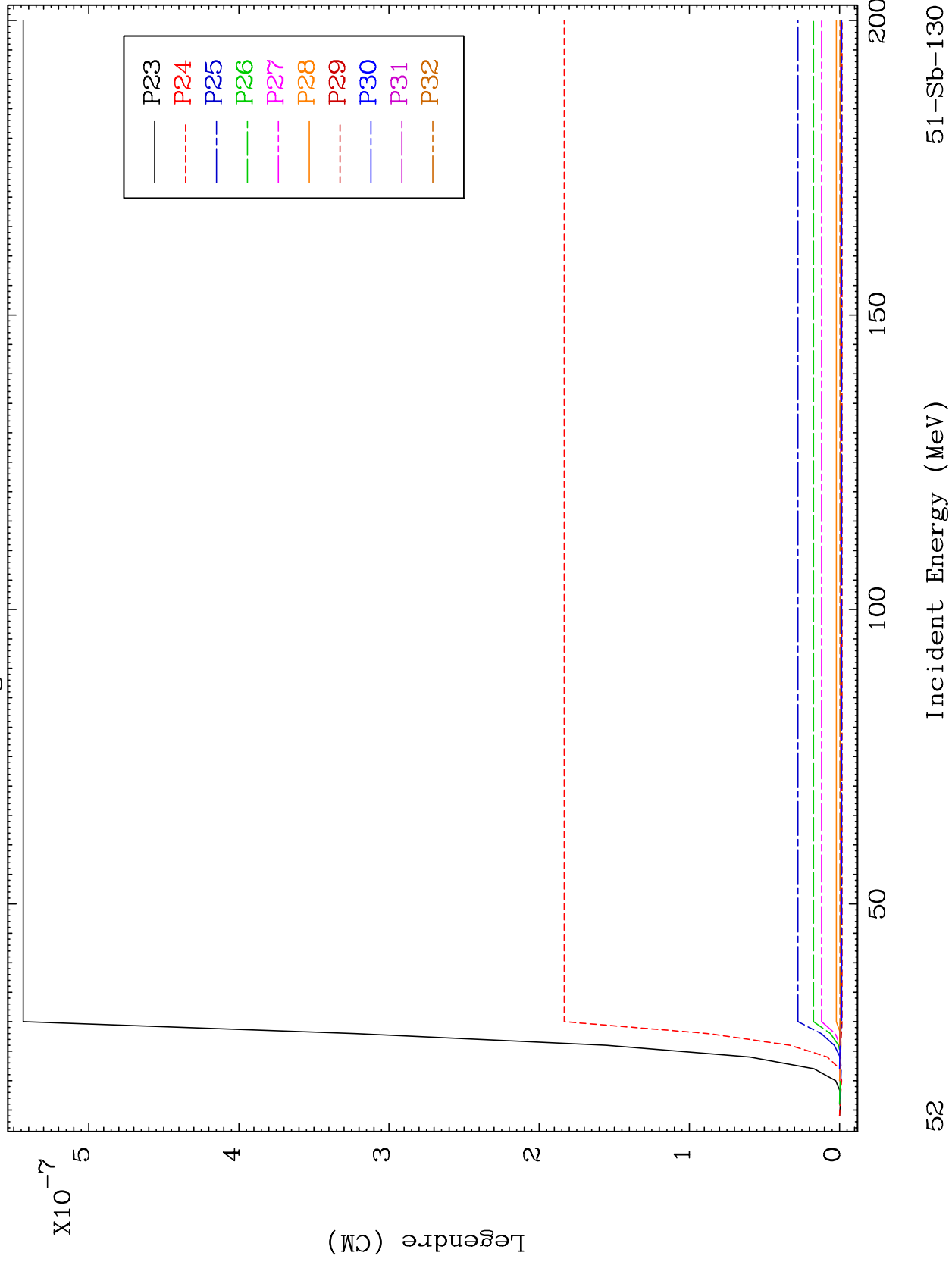
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



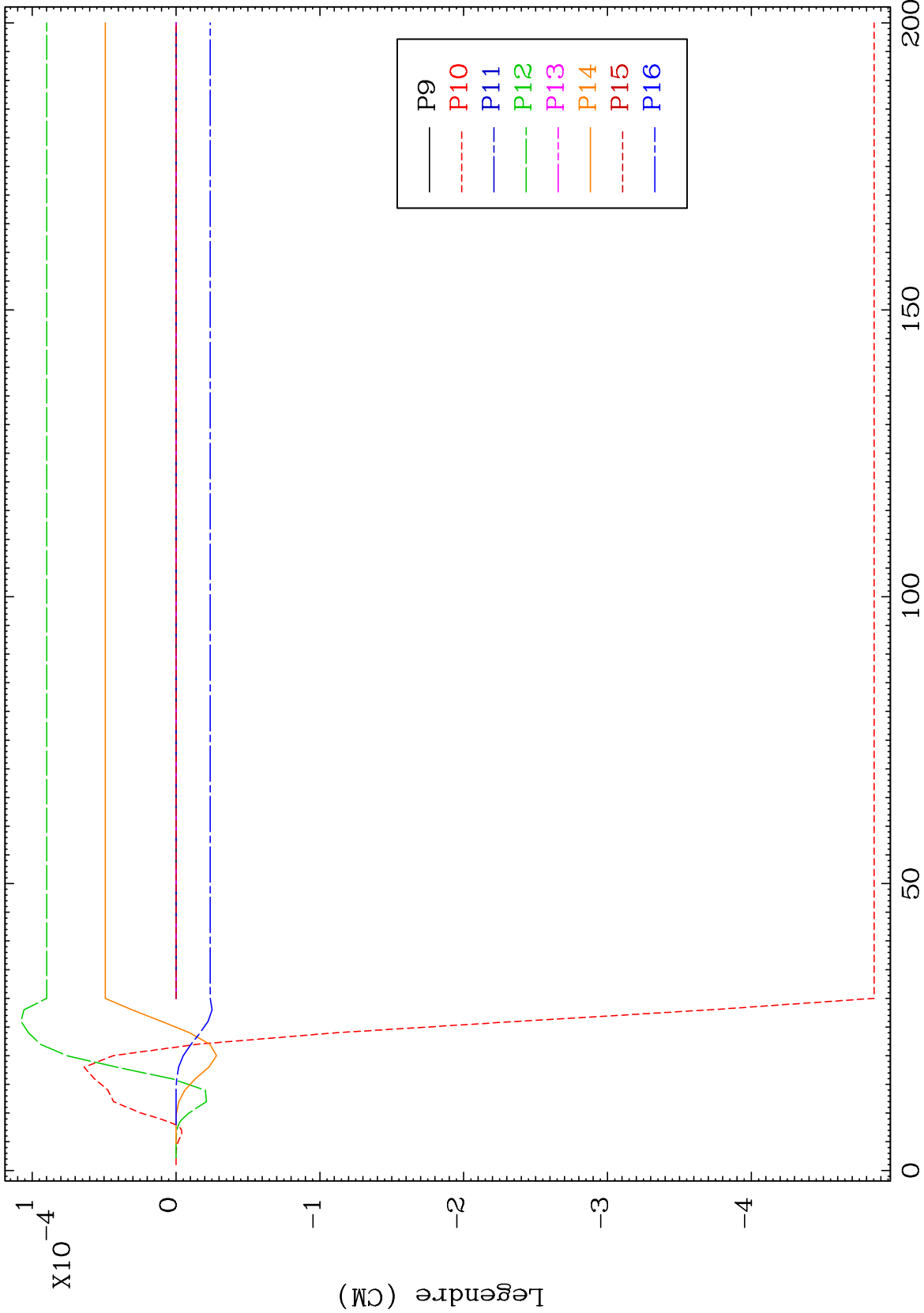
52

51-Sb-130

MAT 5152

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

51-Sb-130



54

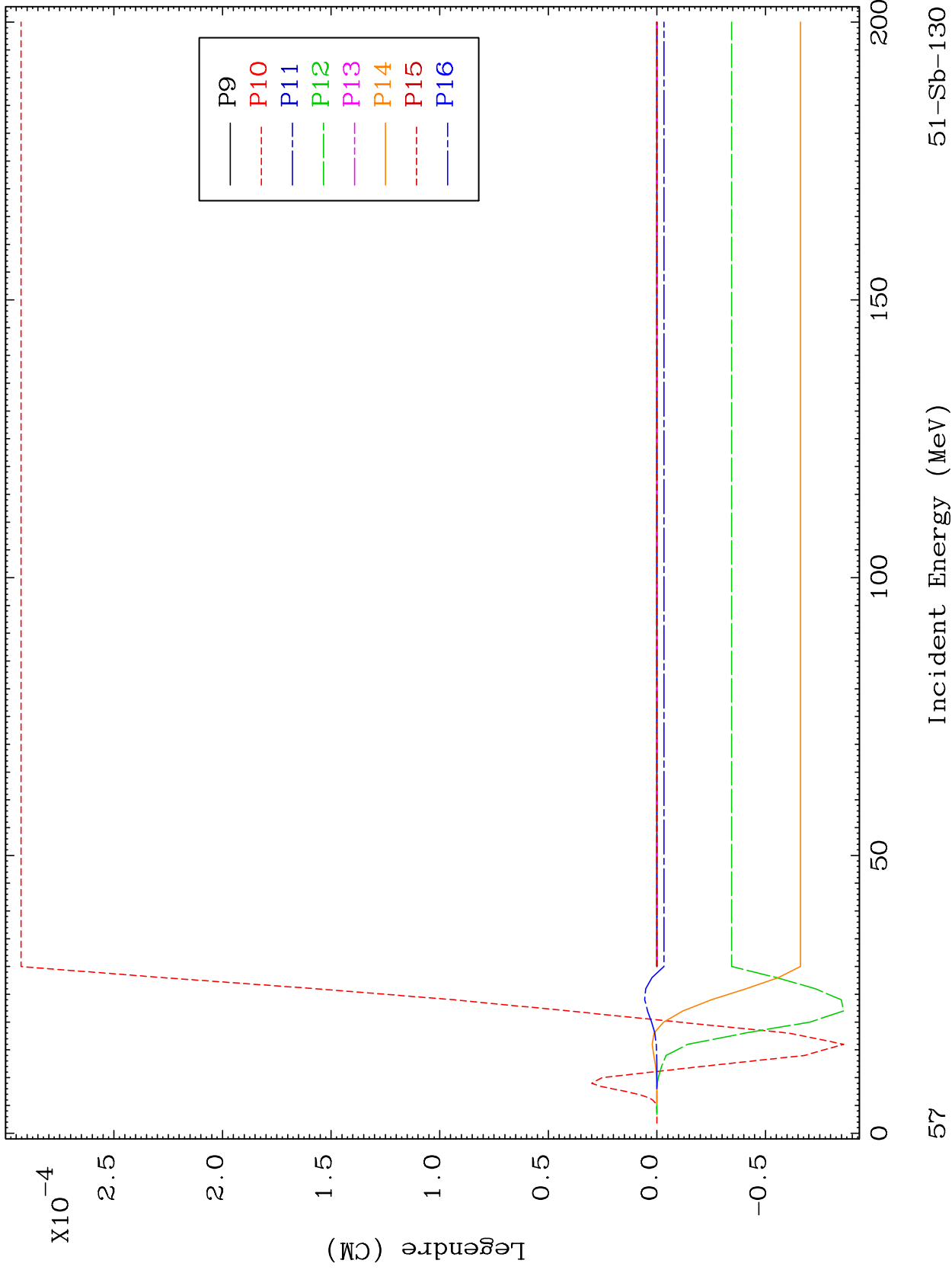
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

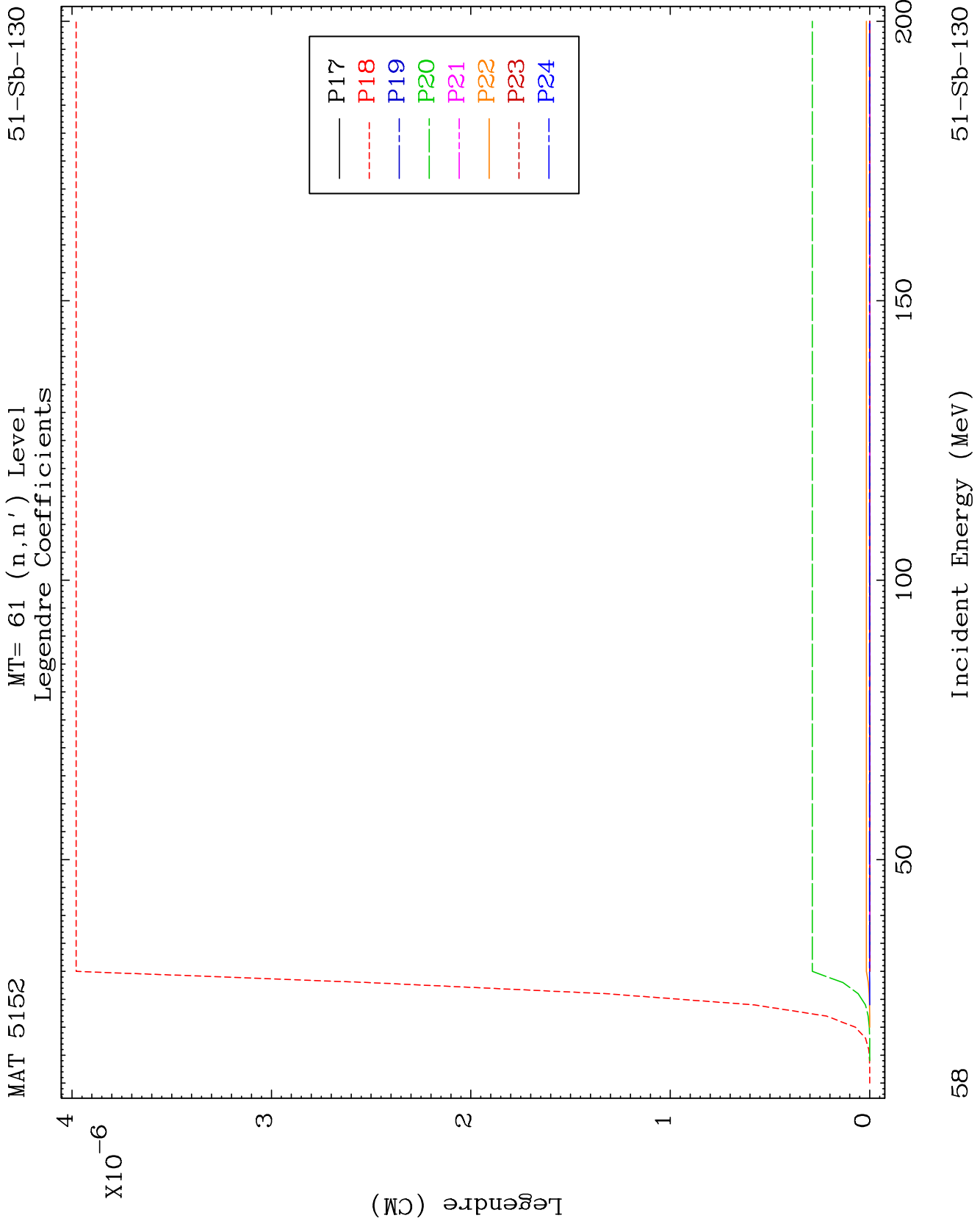
51-Sb-130



57

Incident Energy (MeV)

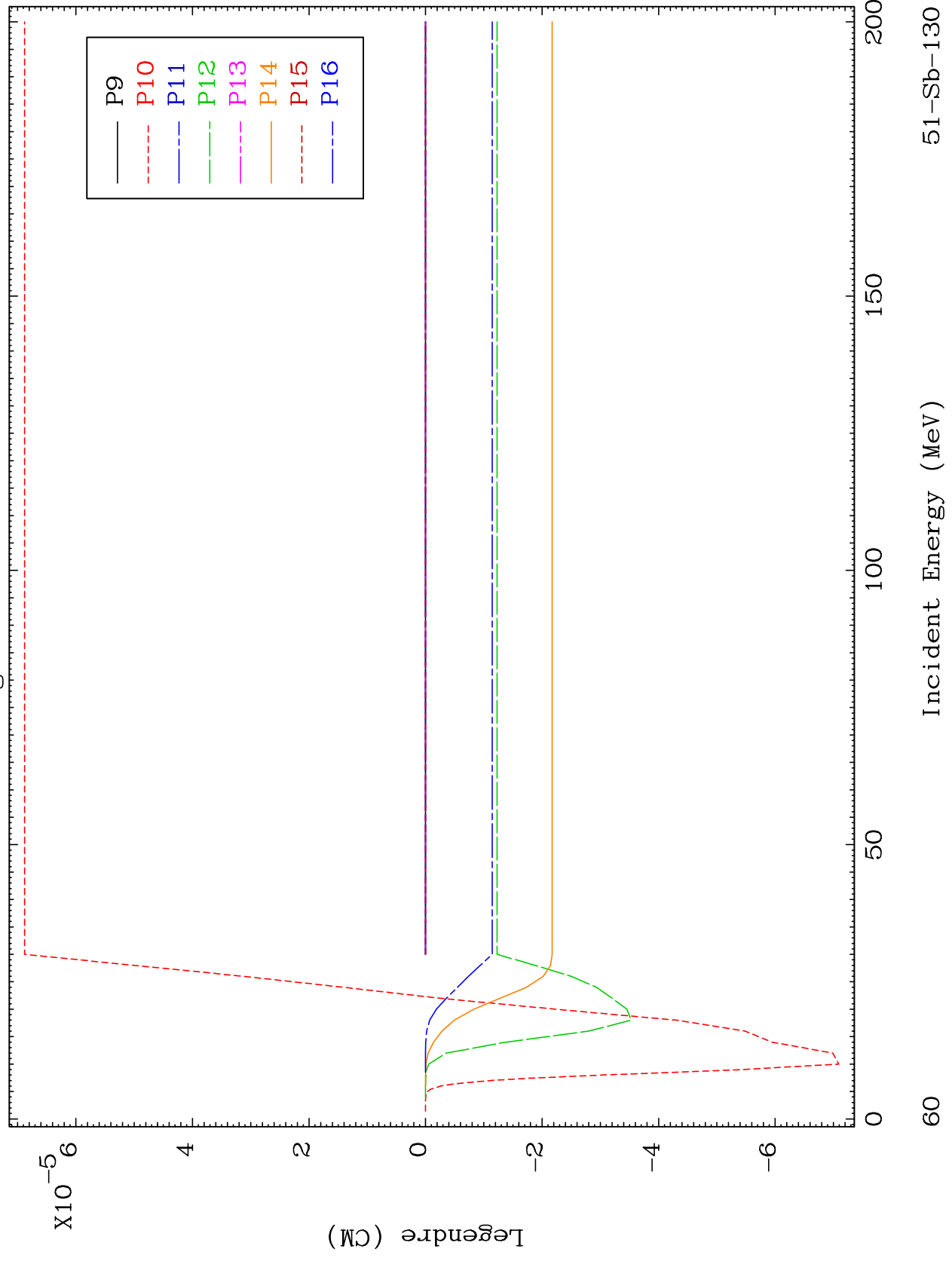
51-Sb-130

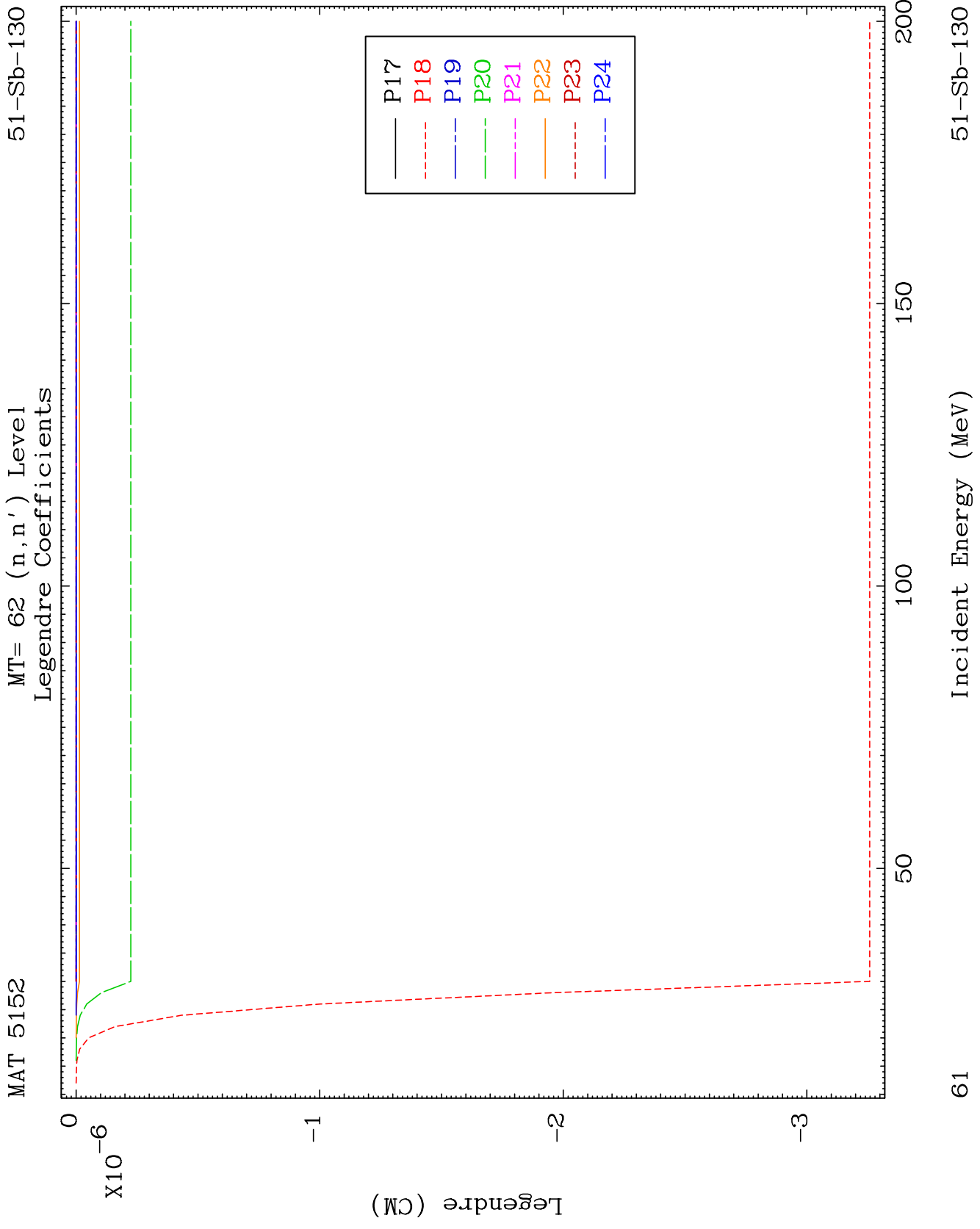


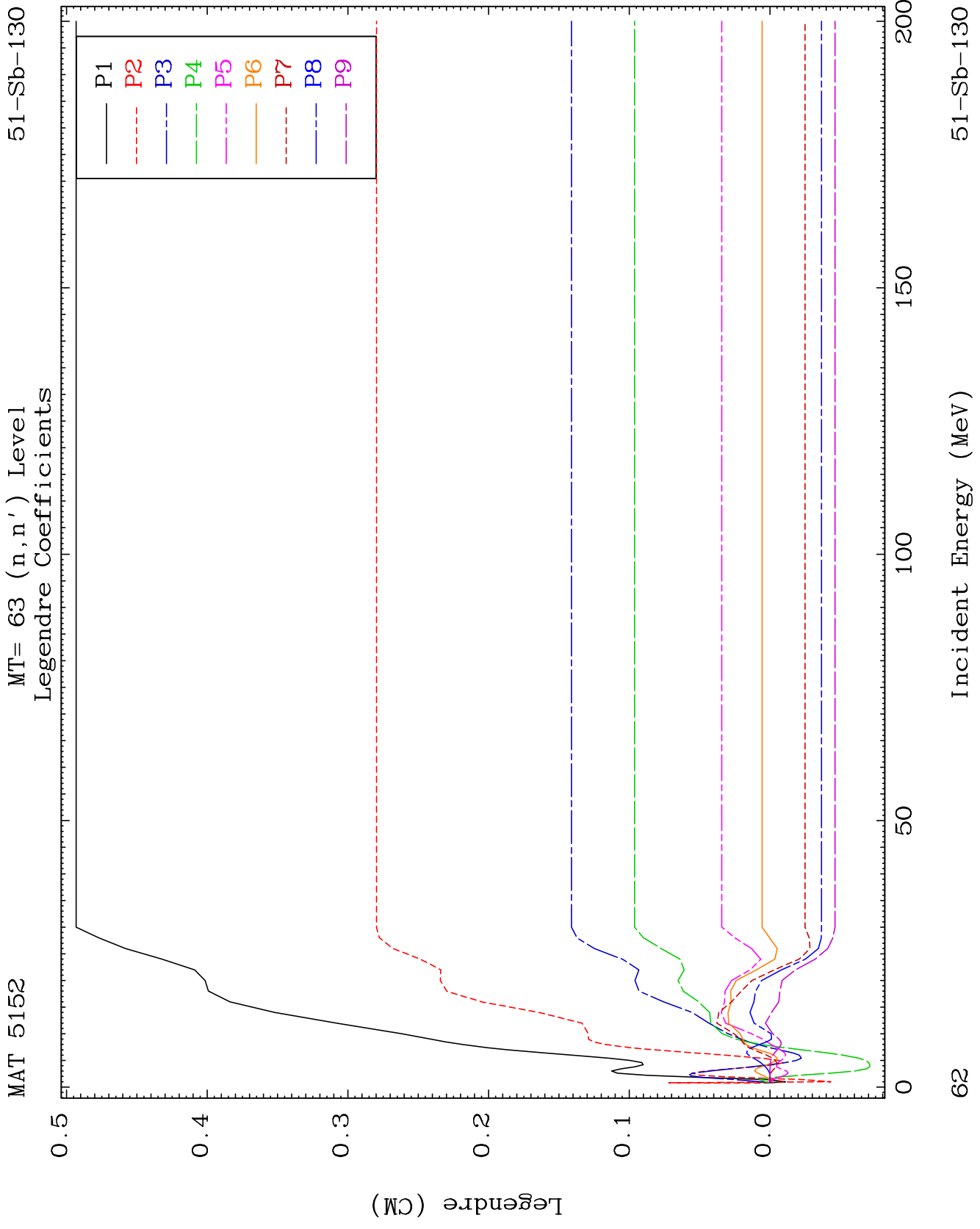
MAT 5152

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

51-Sb-130



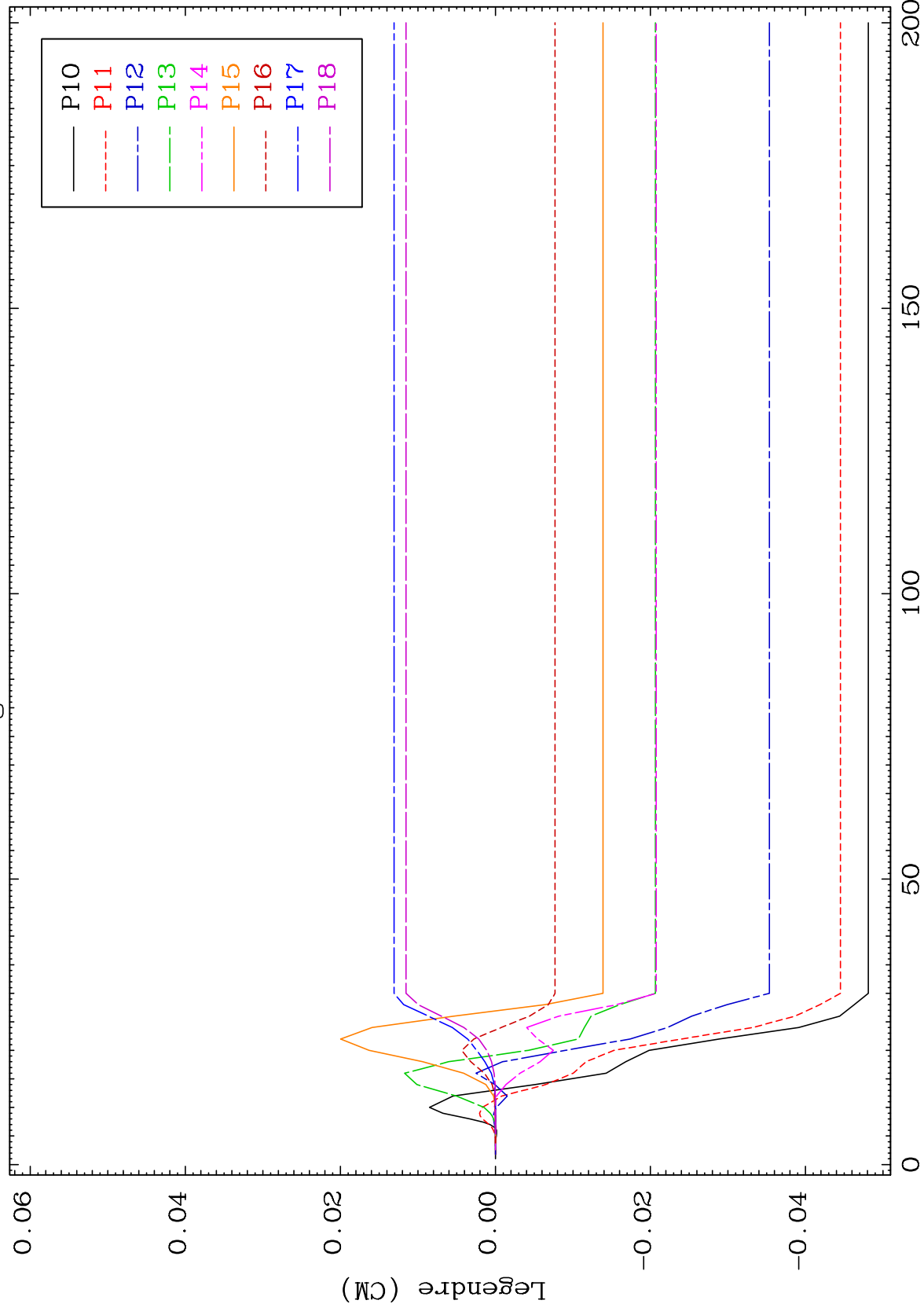




MAT 5152

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

51-Sb-130



63

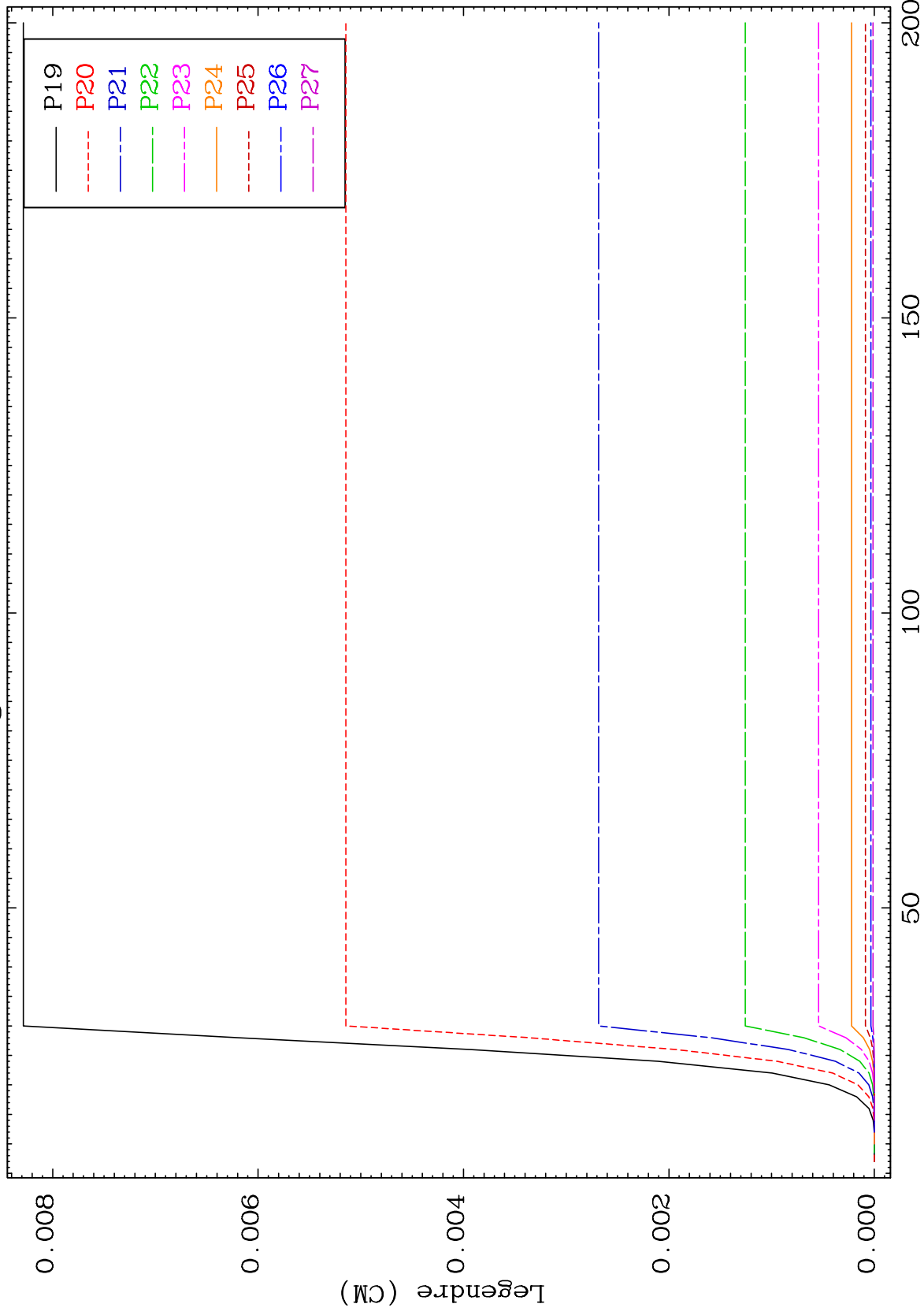
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



64

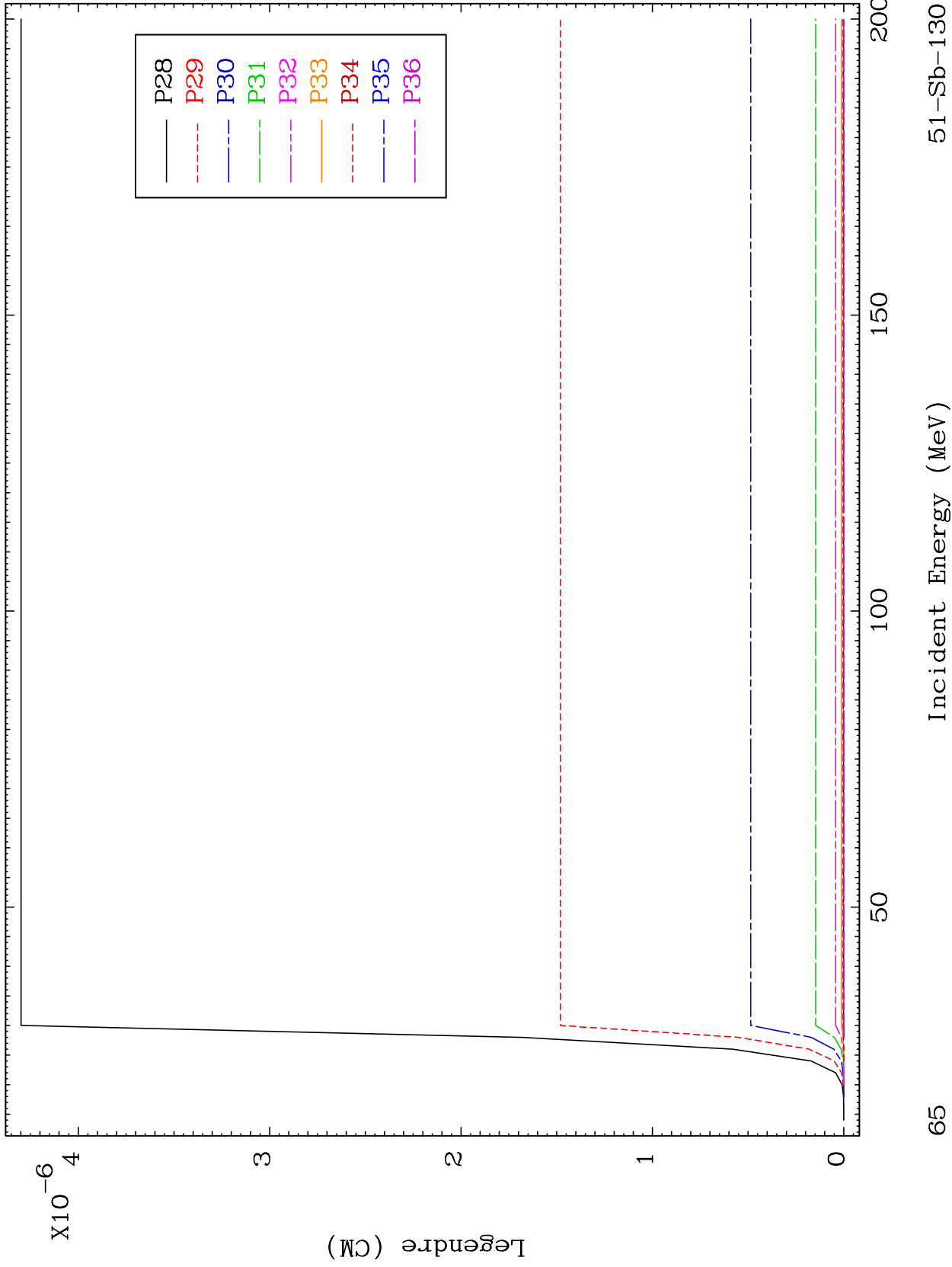
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

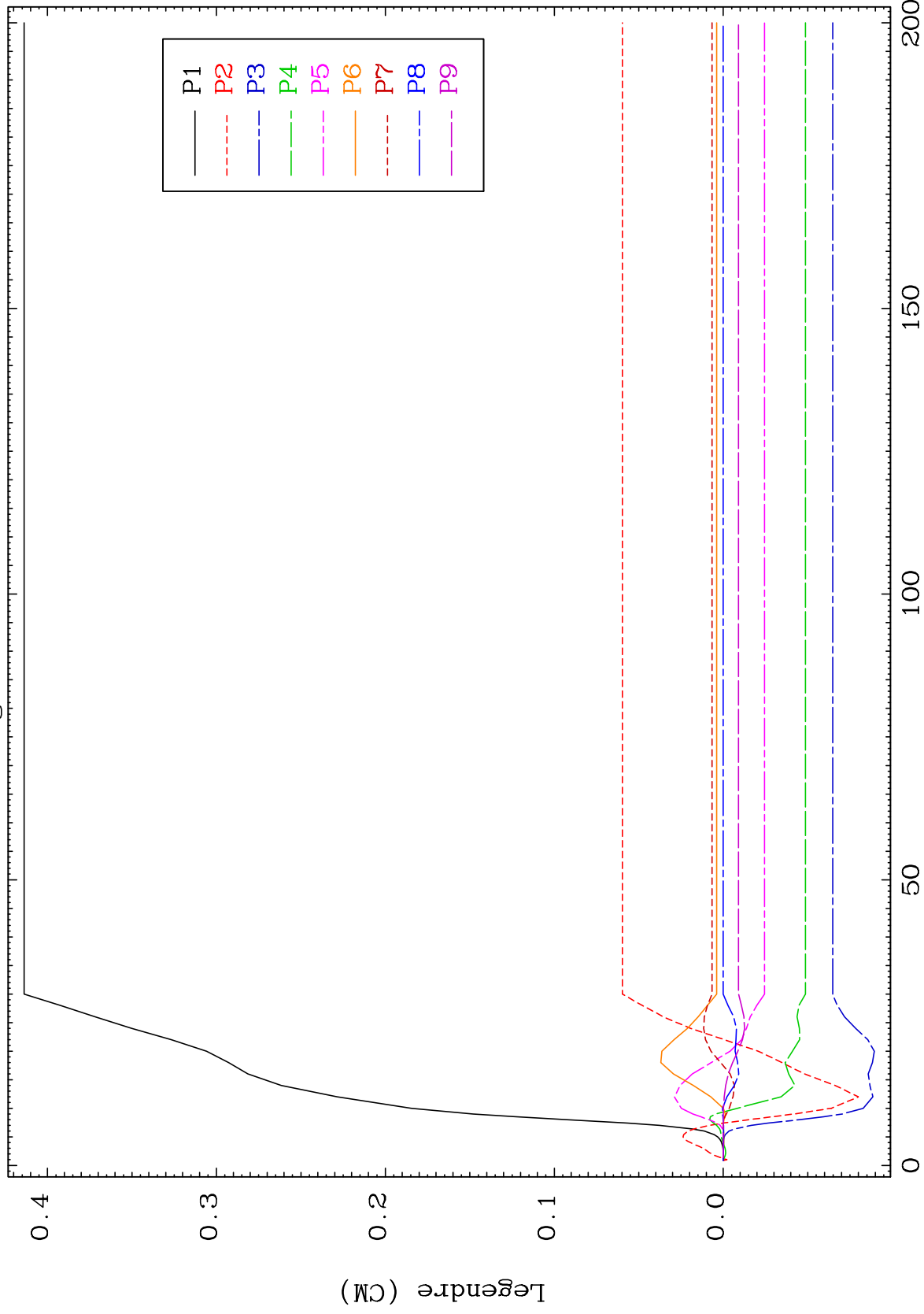
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

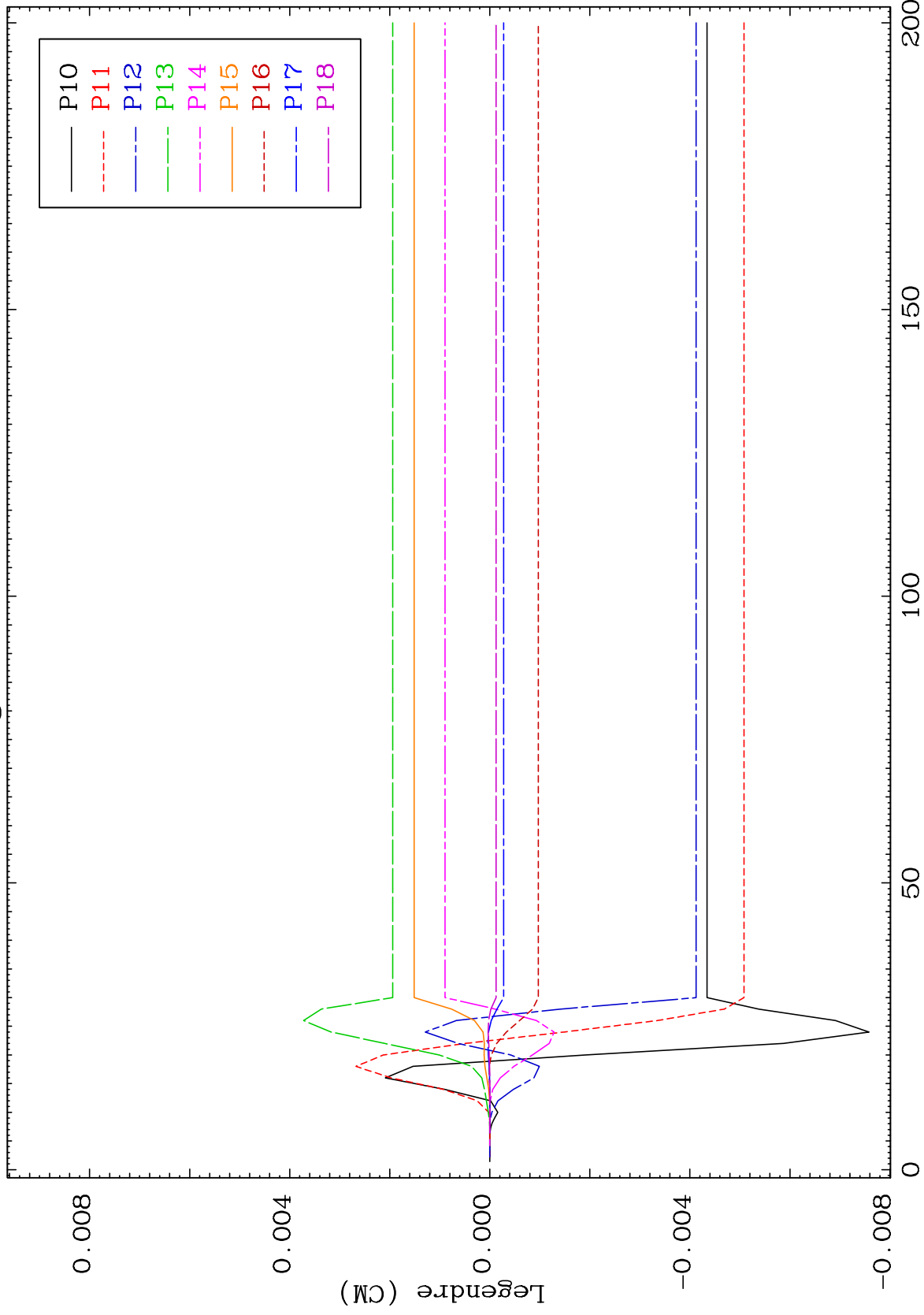
Incident Energy (MeV)

66

MAT 5152

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

51-Sb-130



67

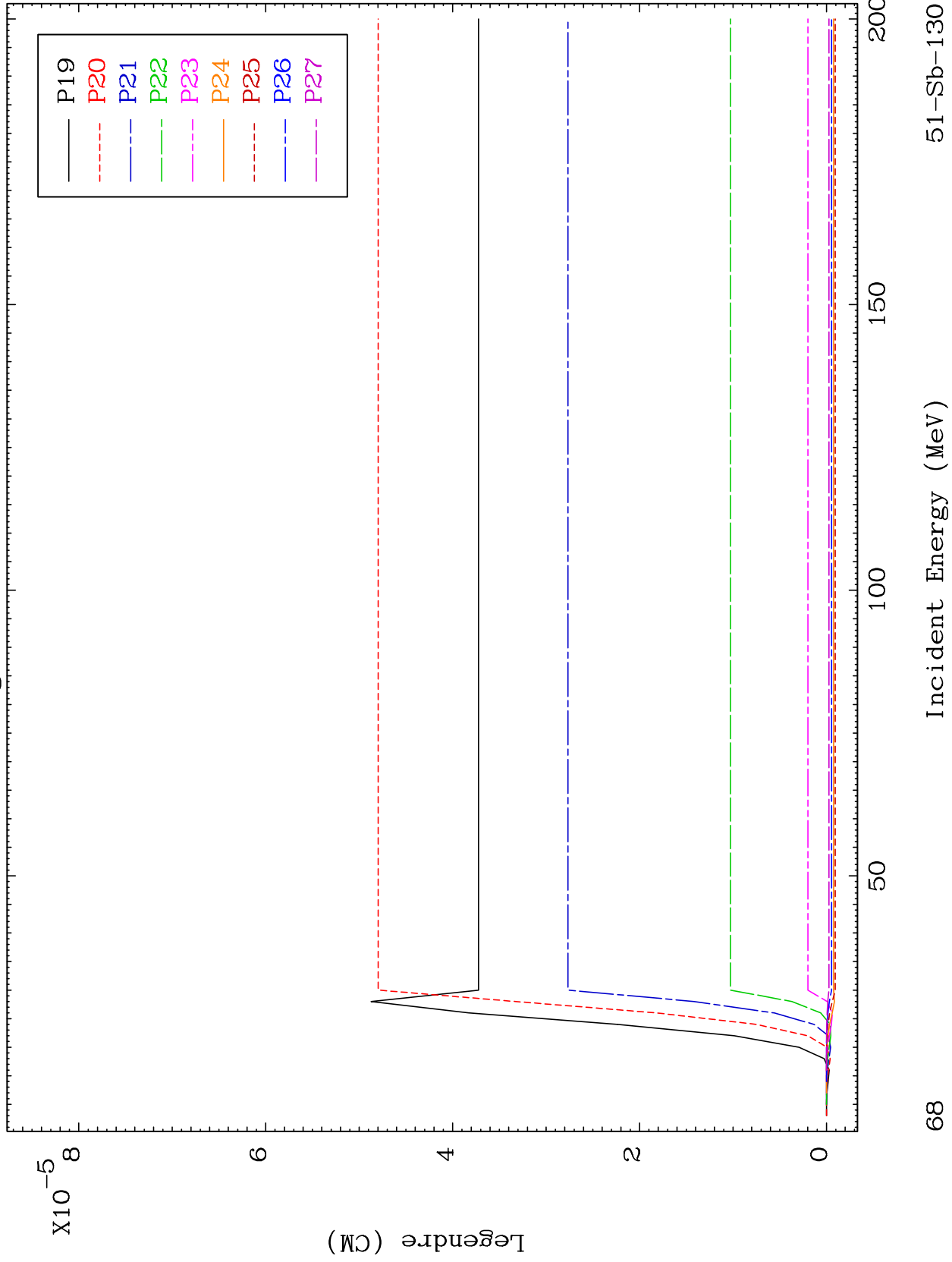
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130

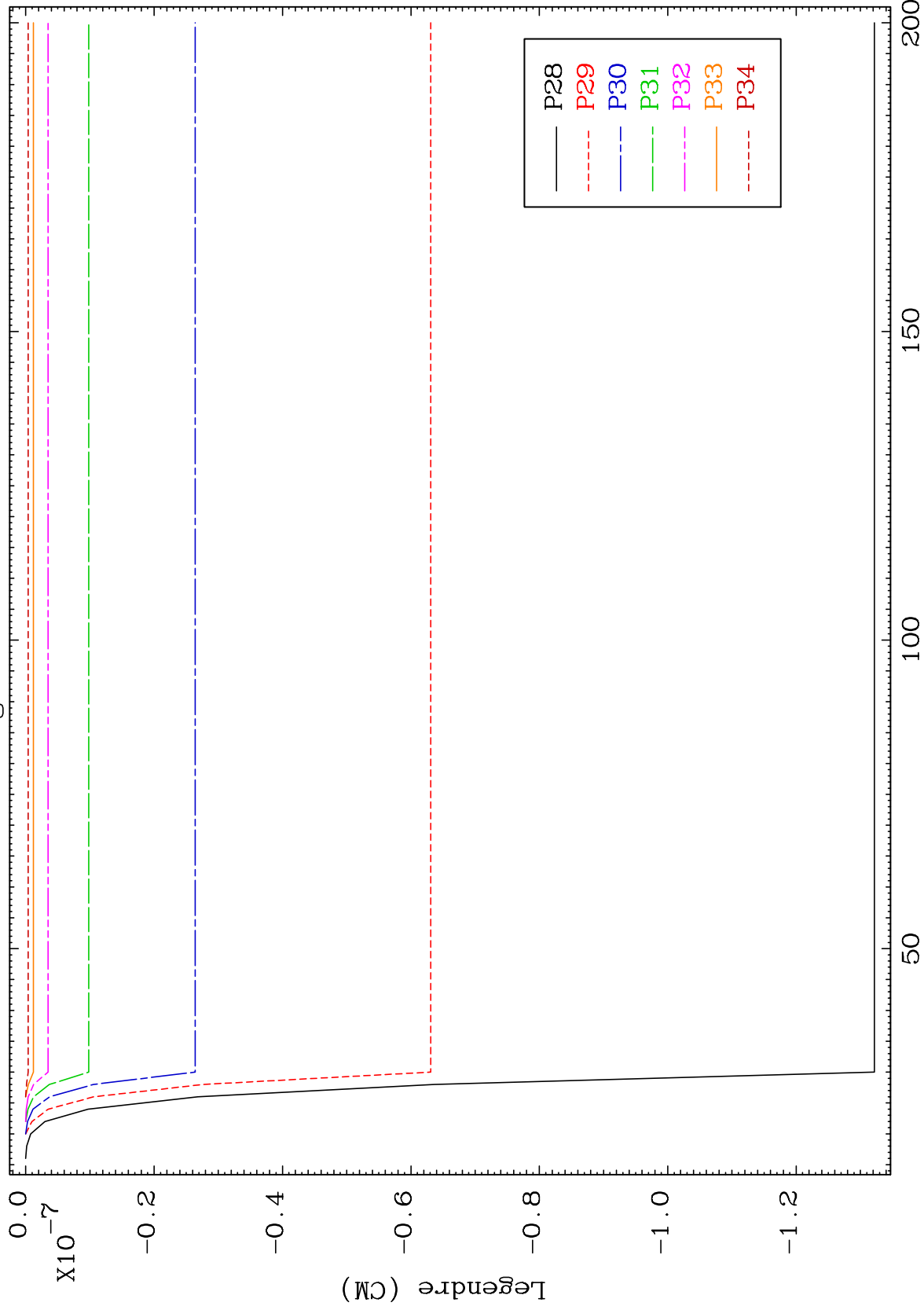


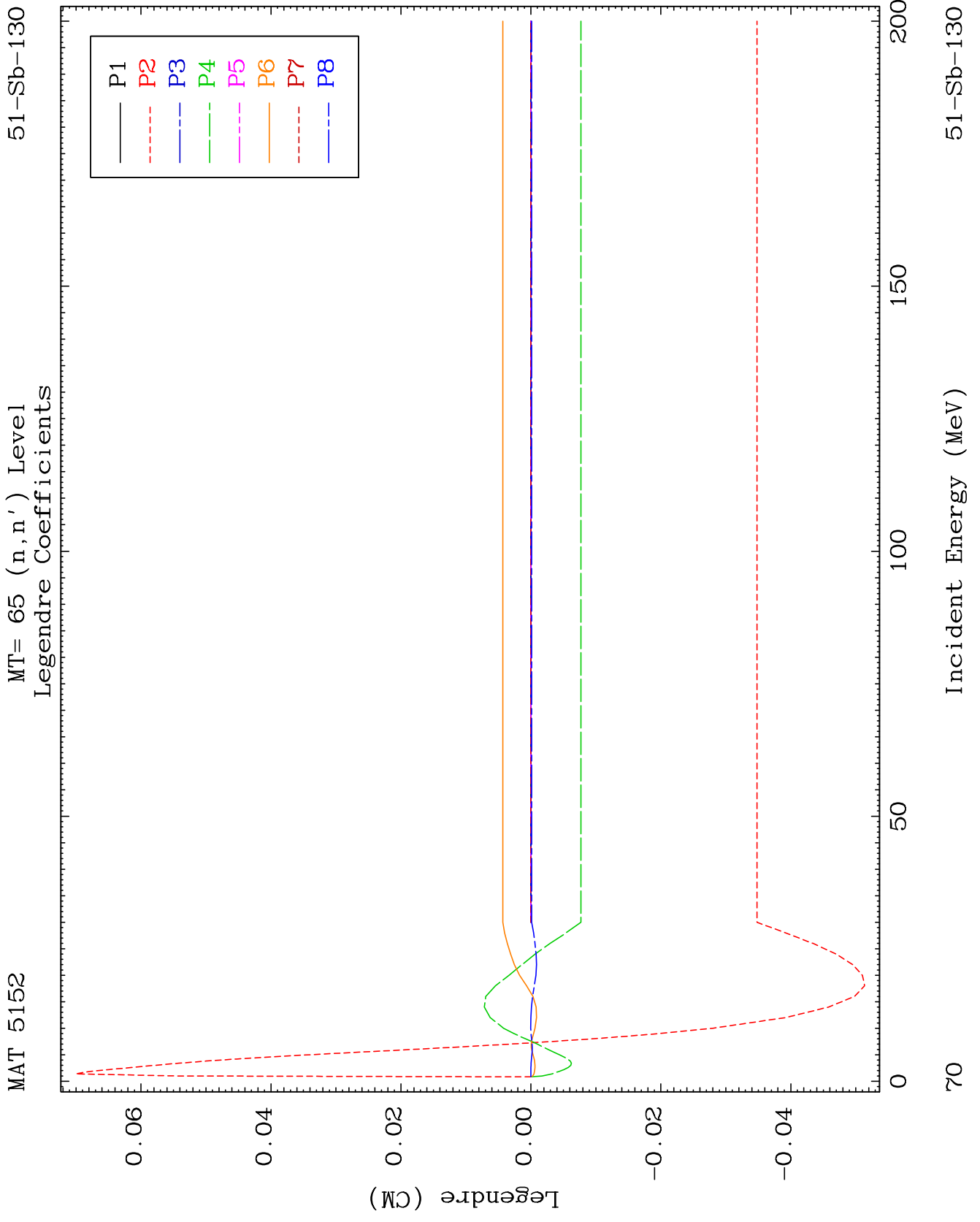
MAT 5152

MT= 64 (n,n') Level

51-Sb-130

Legendre Coefficients

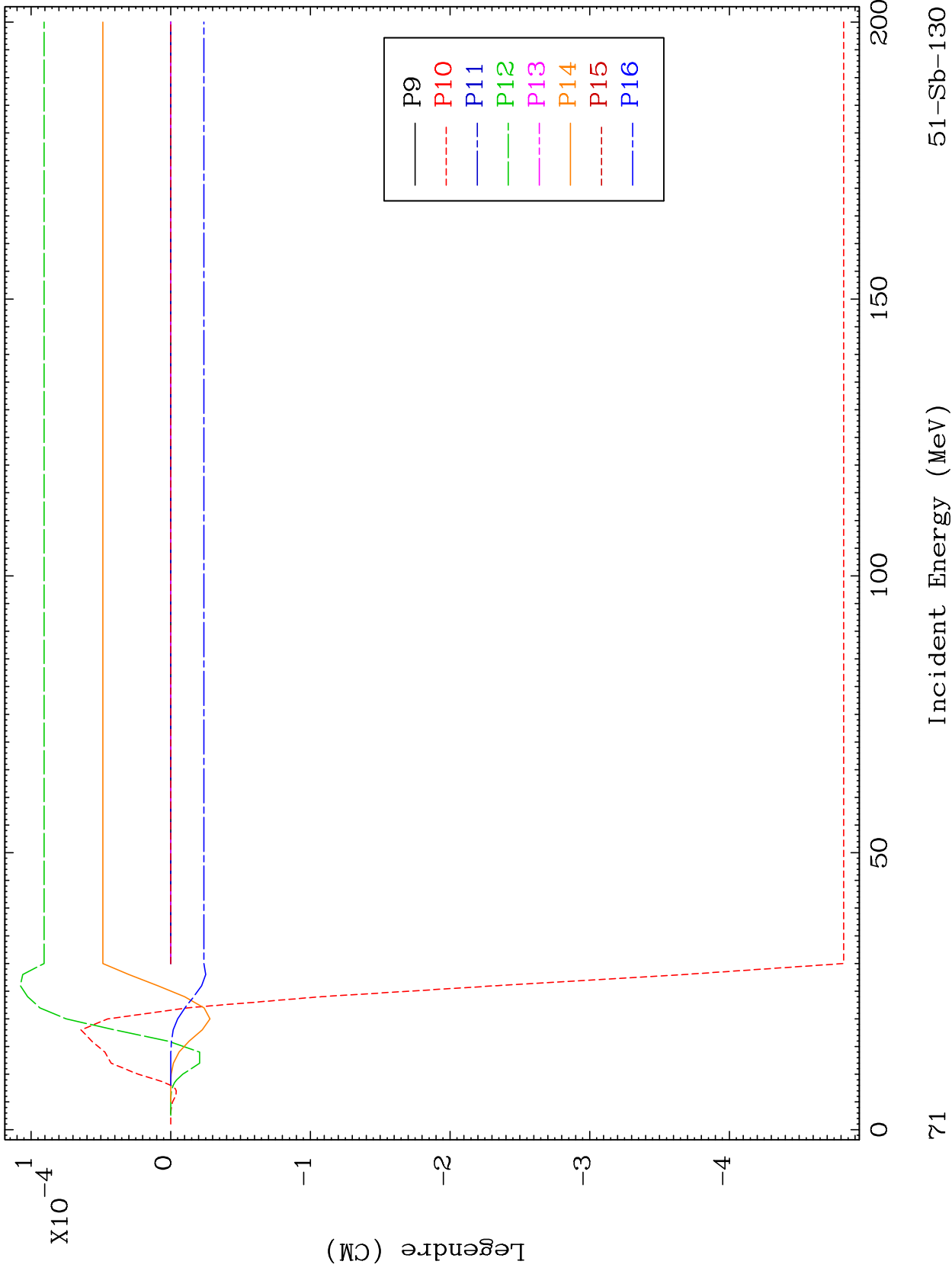




MAT 5152

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

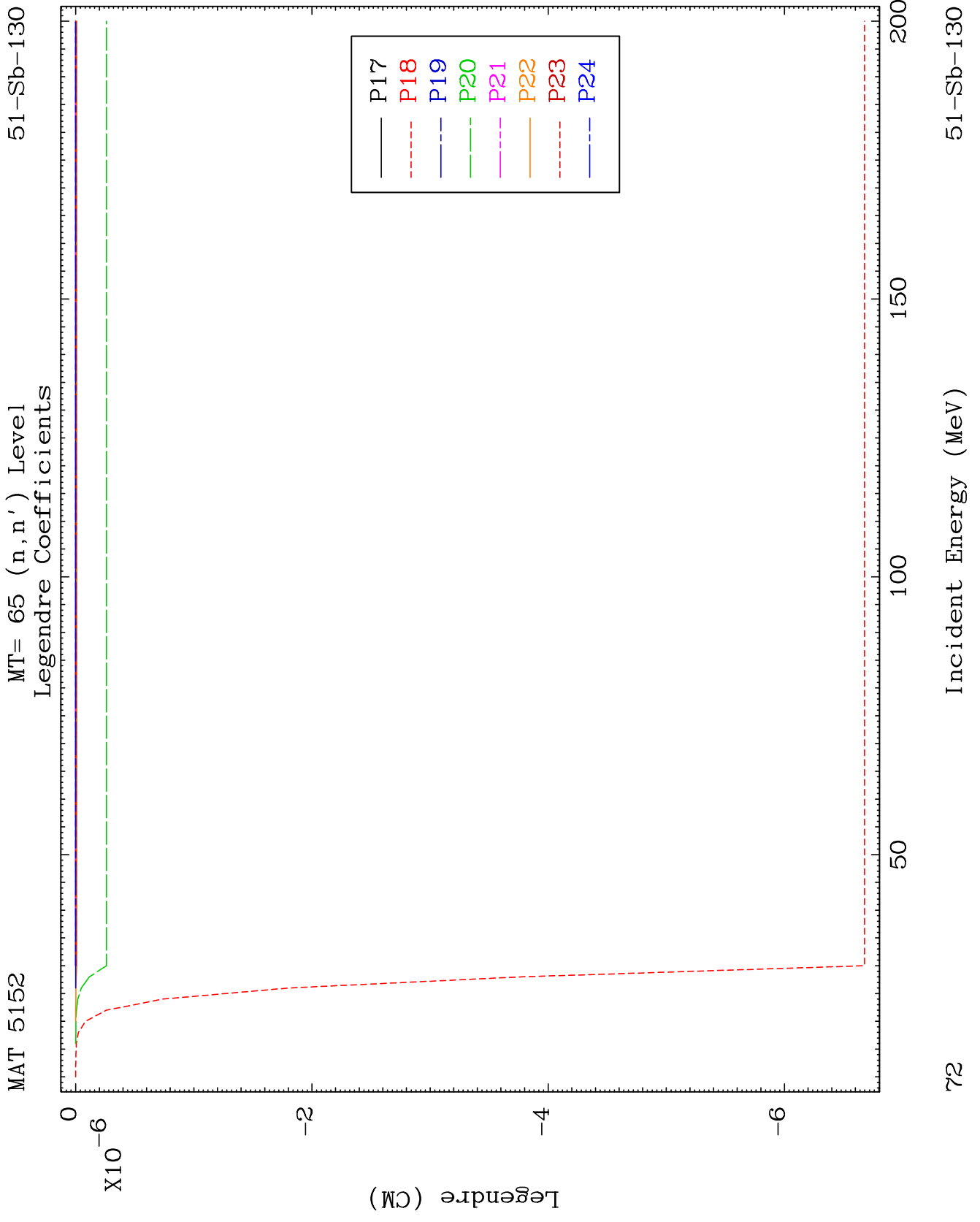
51-Sb-130



71

Incident Energy (MeV)

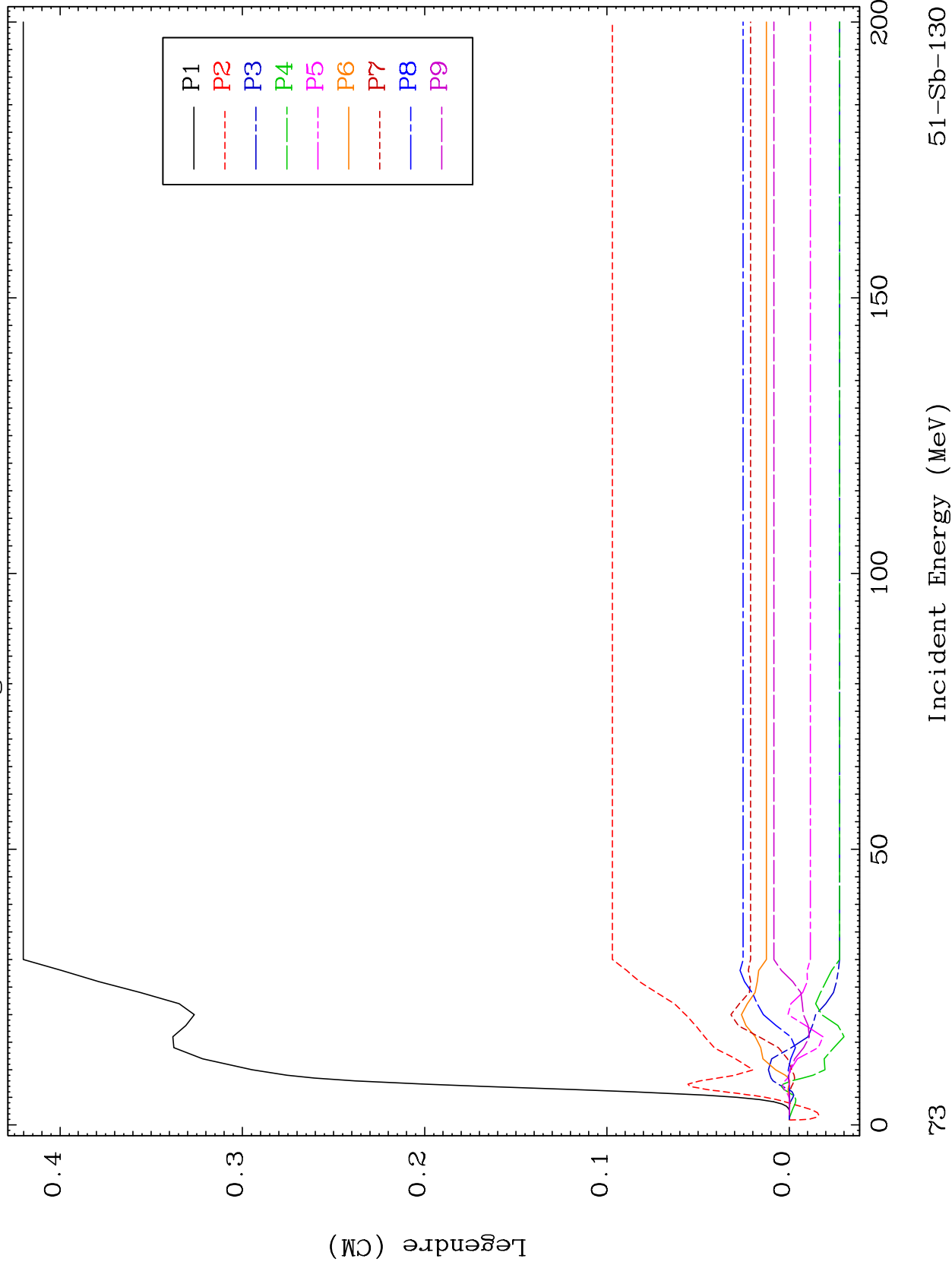
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

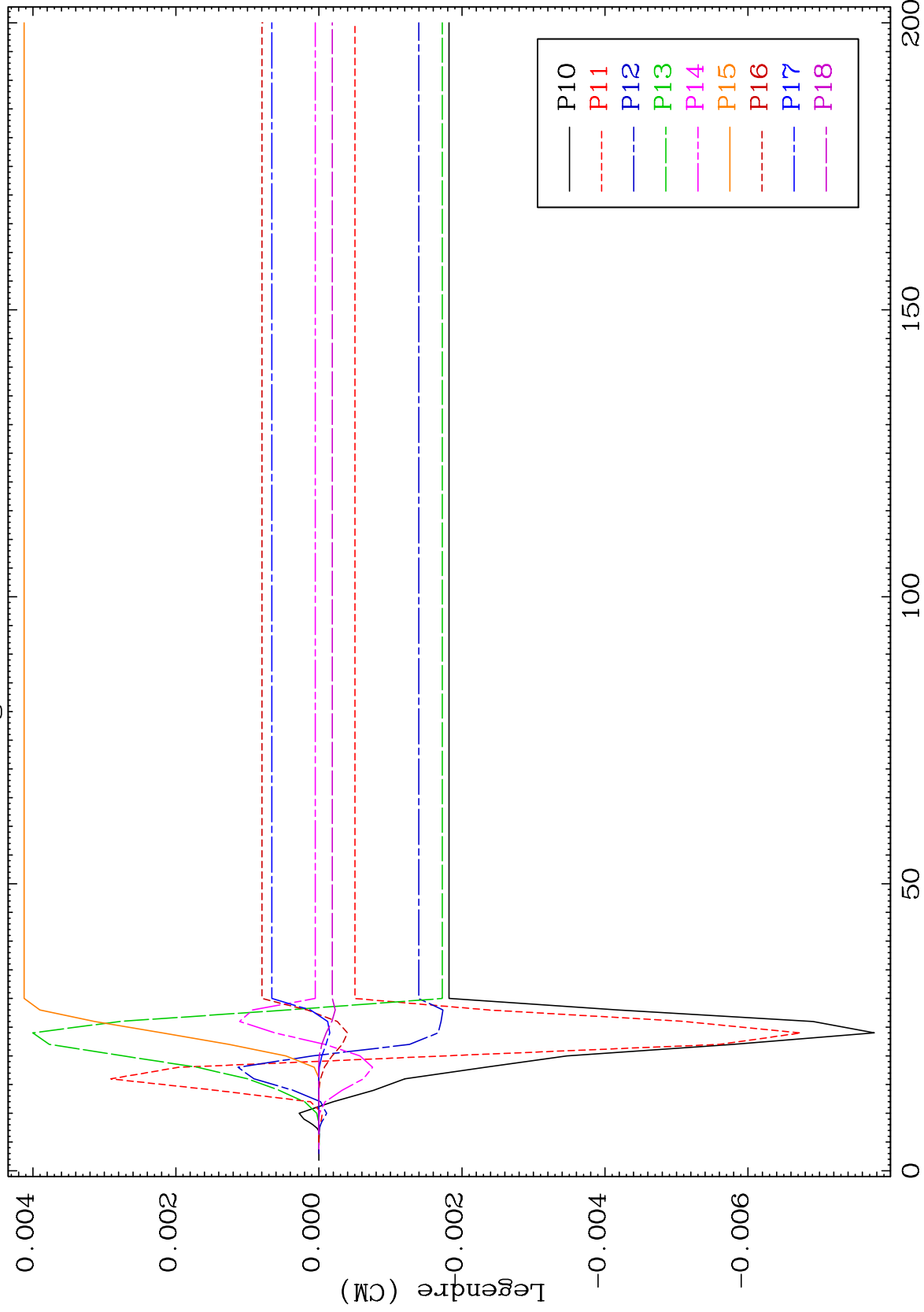
Incident Energy (MeV)

73

MAT 5152

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

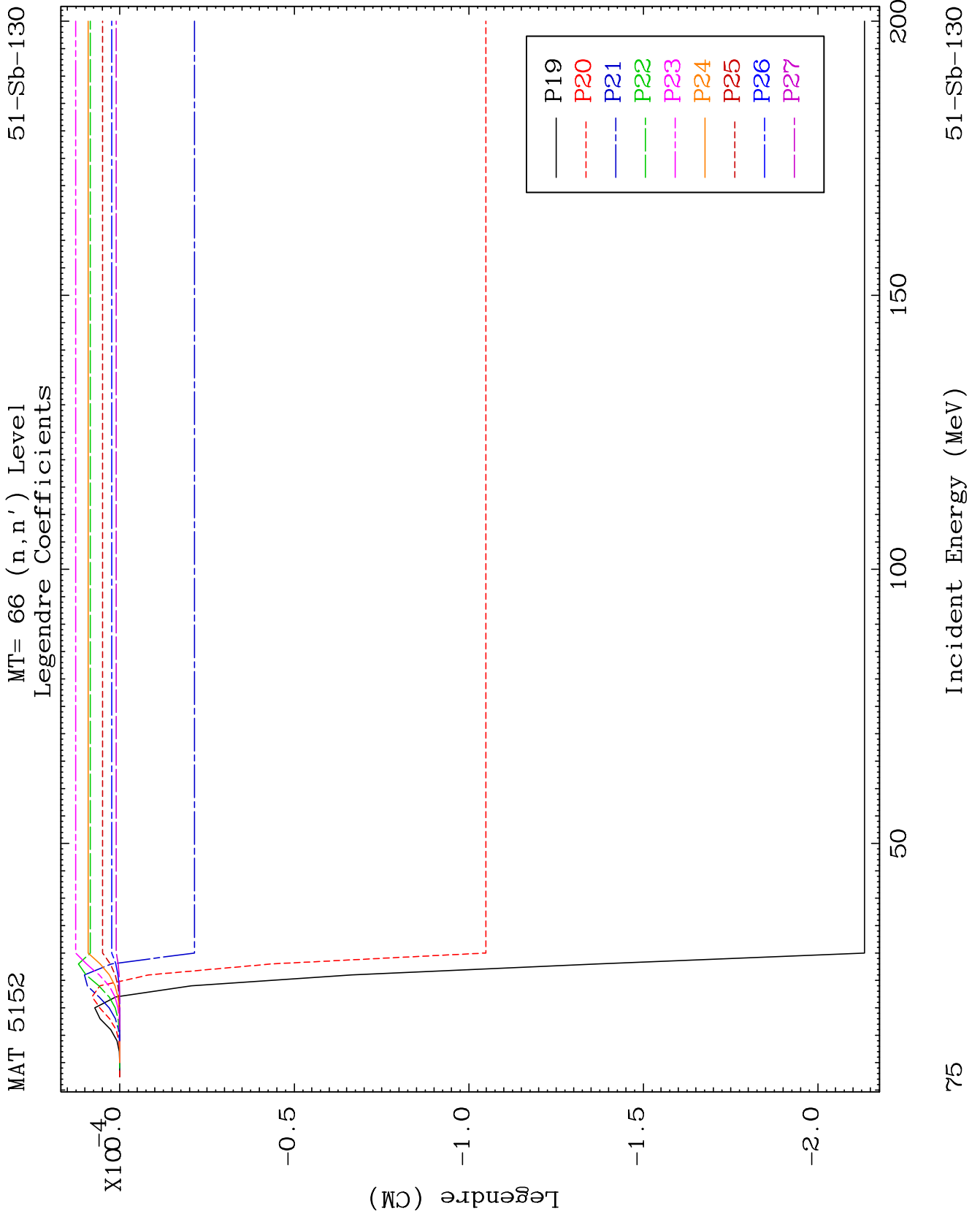
51-Sb-130



74

Incident Energy (MeV)

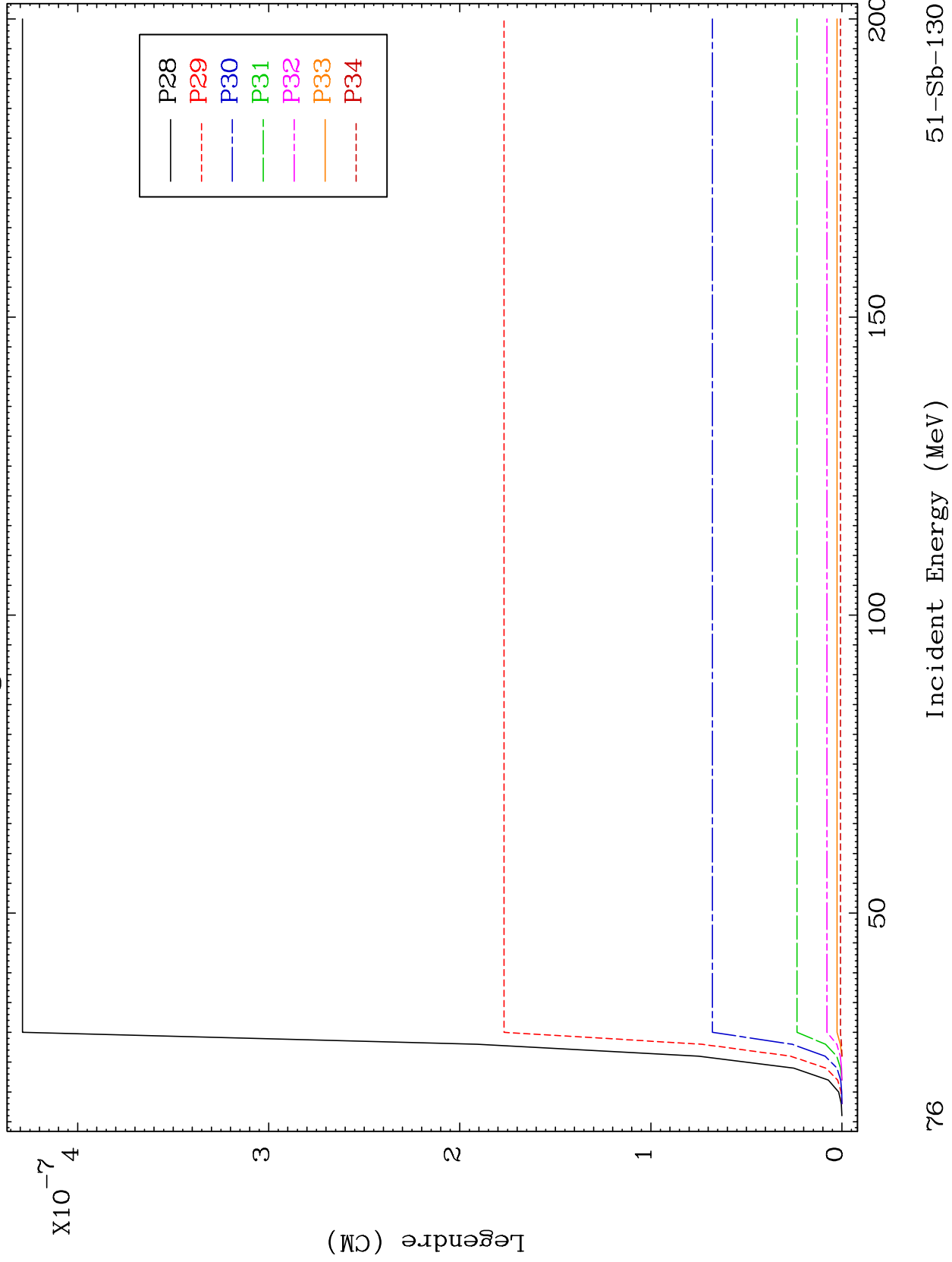
51-Sb-130



MAT 5152

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

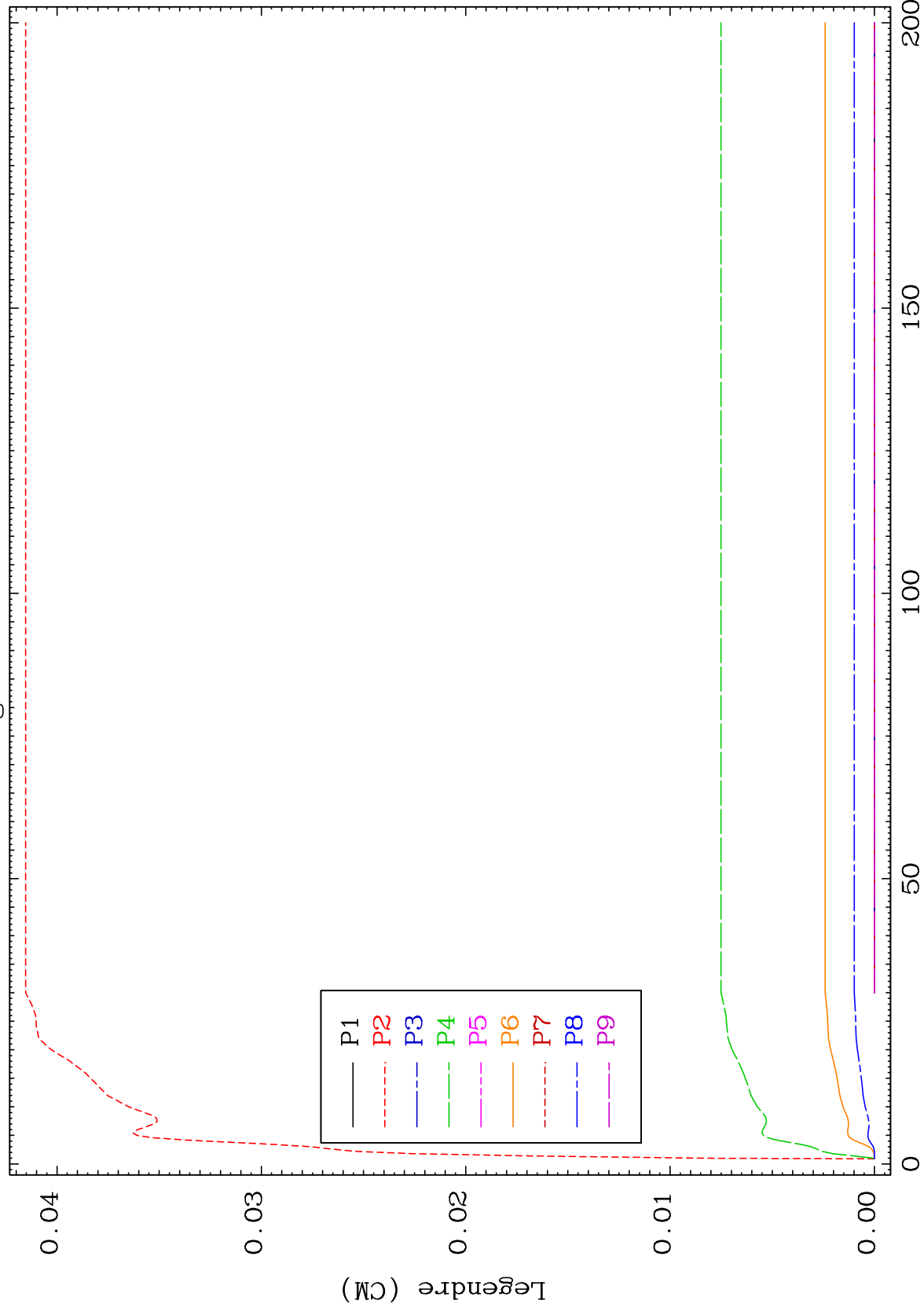
51-Sb-130



MAT 5152

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

51-Sb-130



77

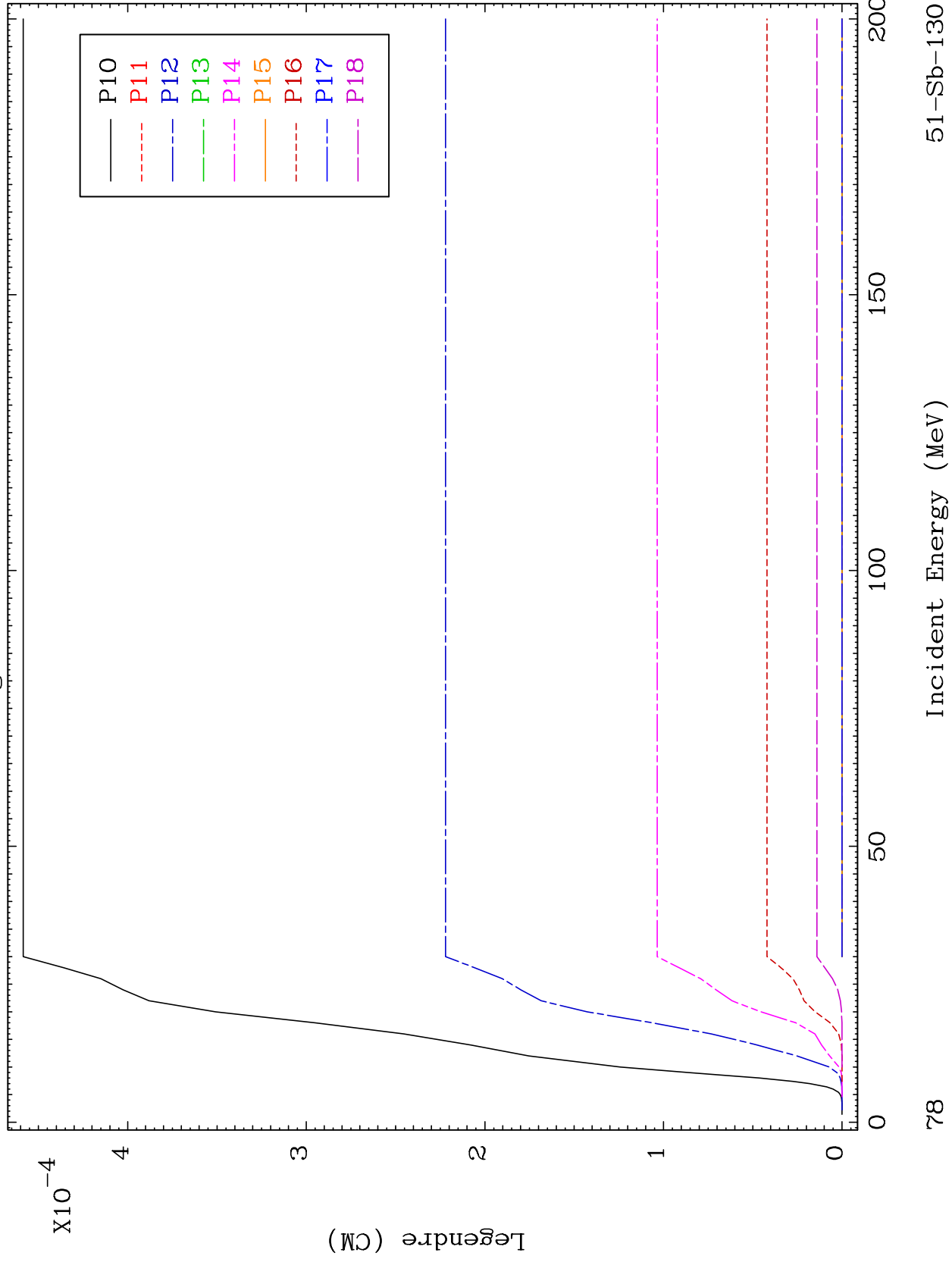
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



78

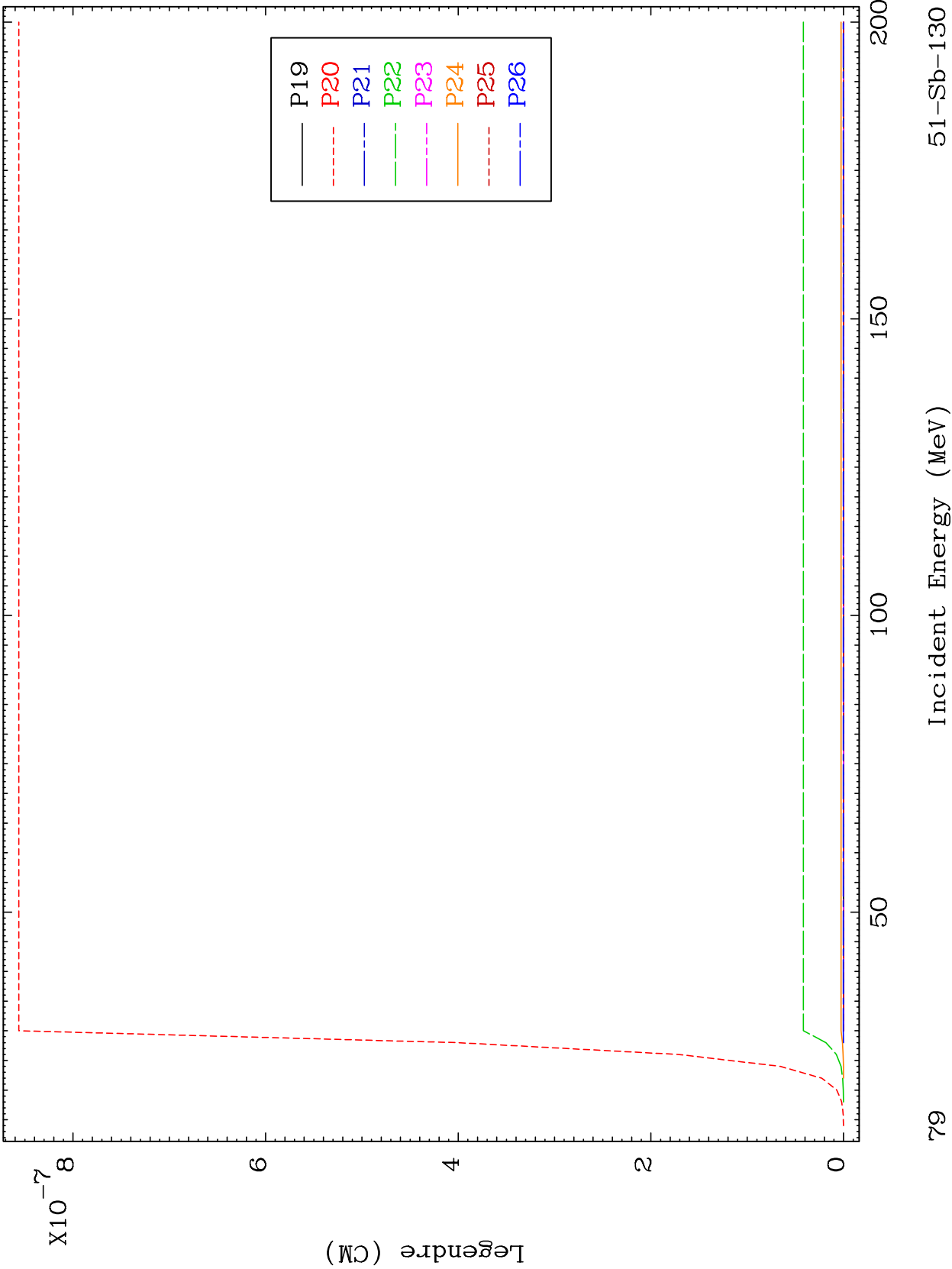
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



79

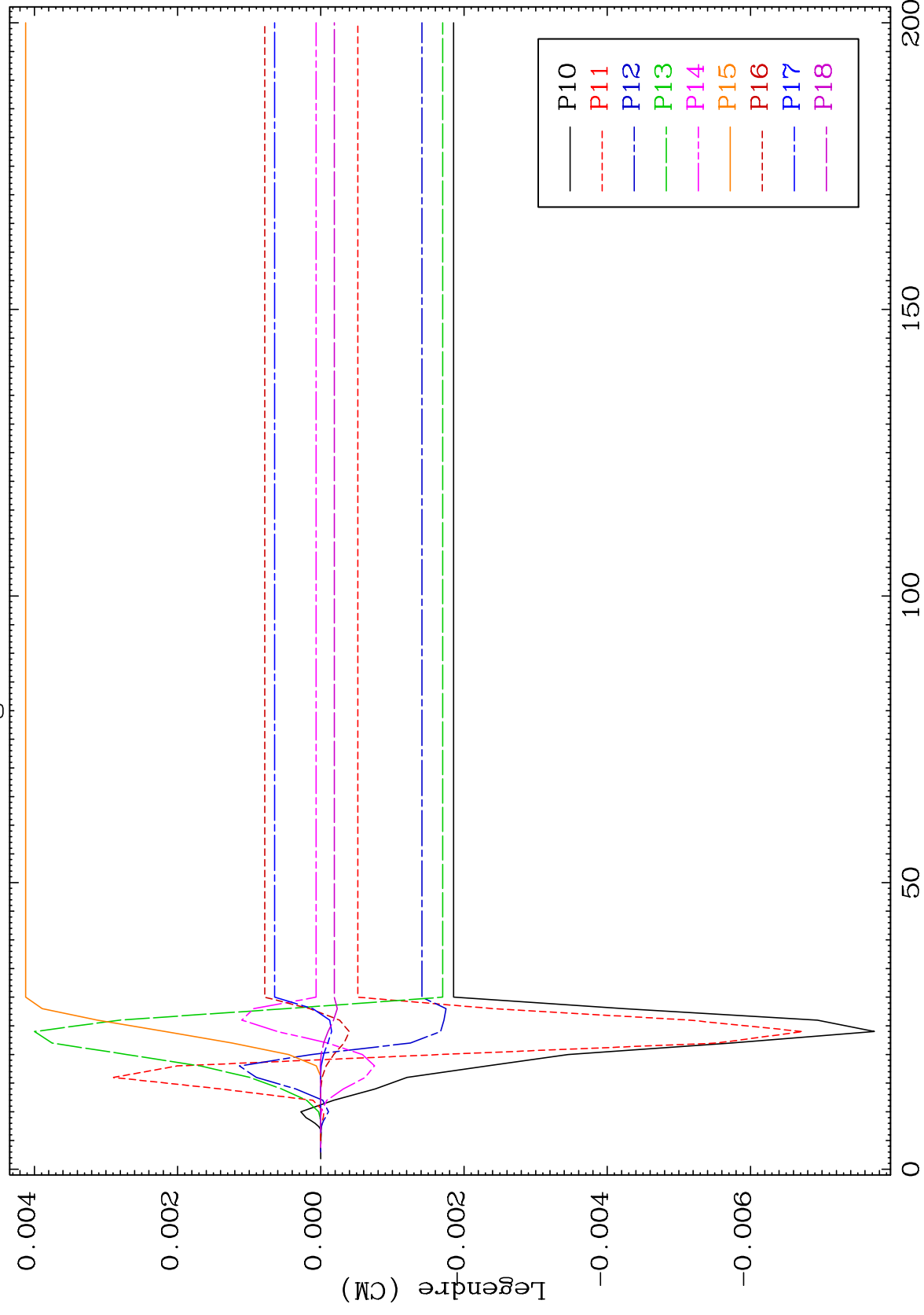
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

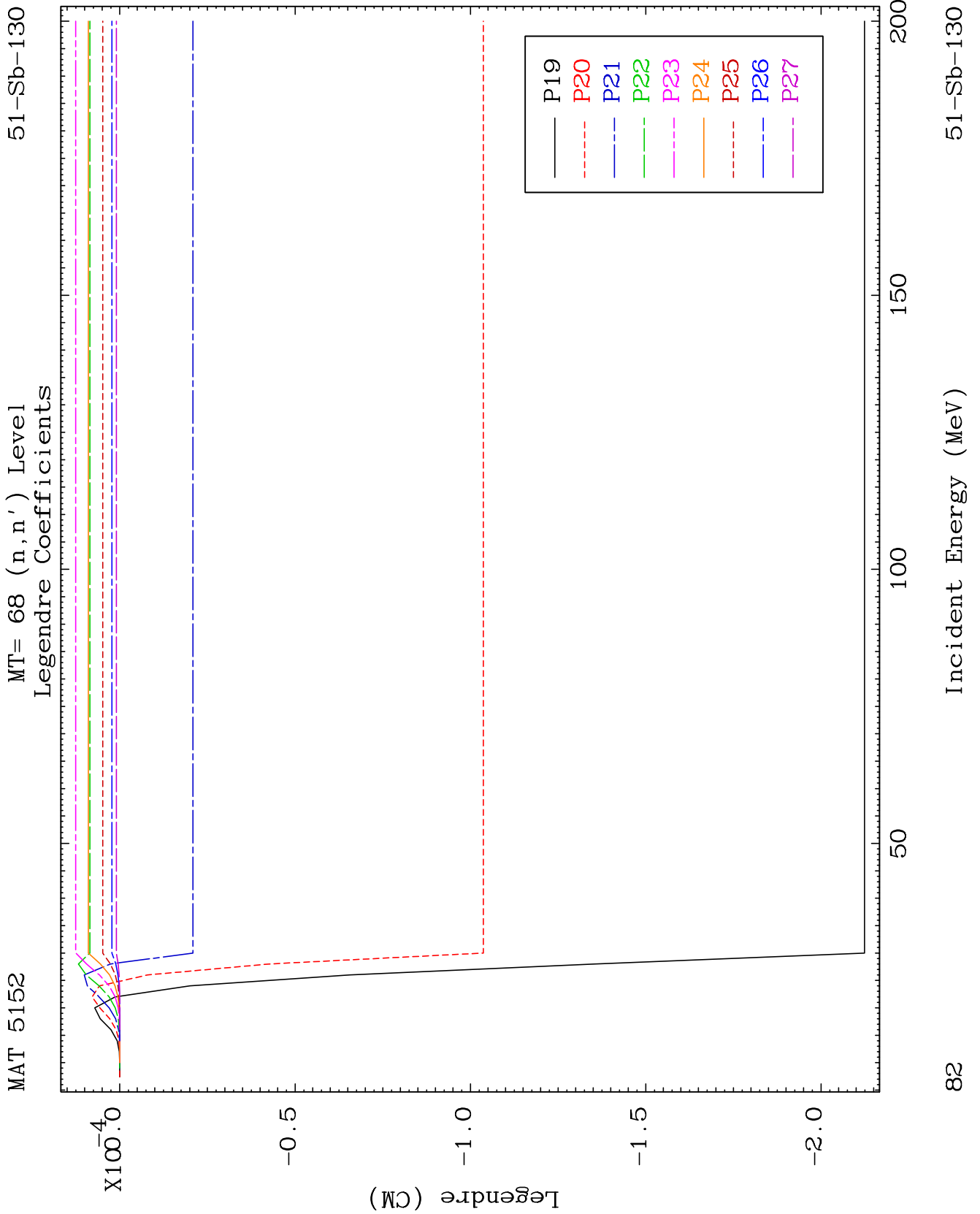
51-Sb-130



81

Incident Energy (MeV)

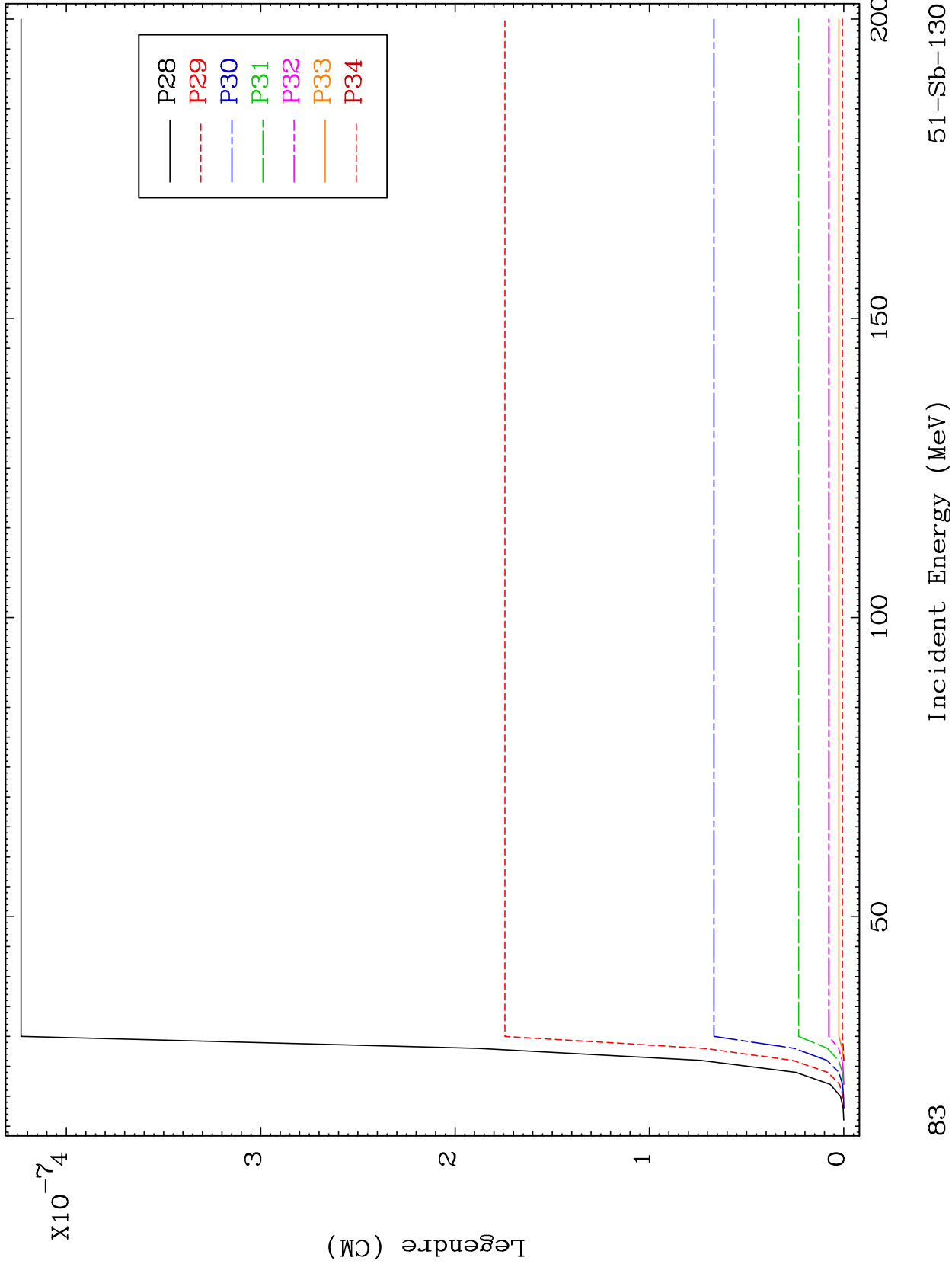
51-Sb-130



MAT 5152

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

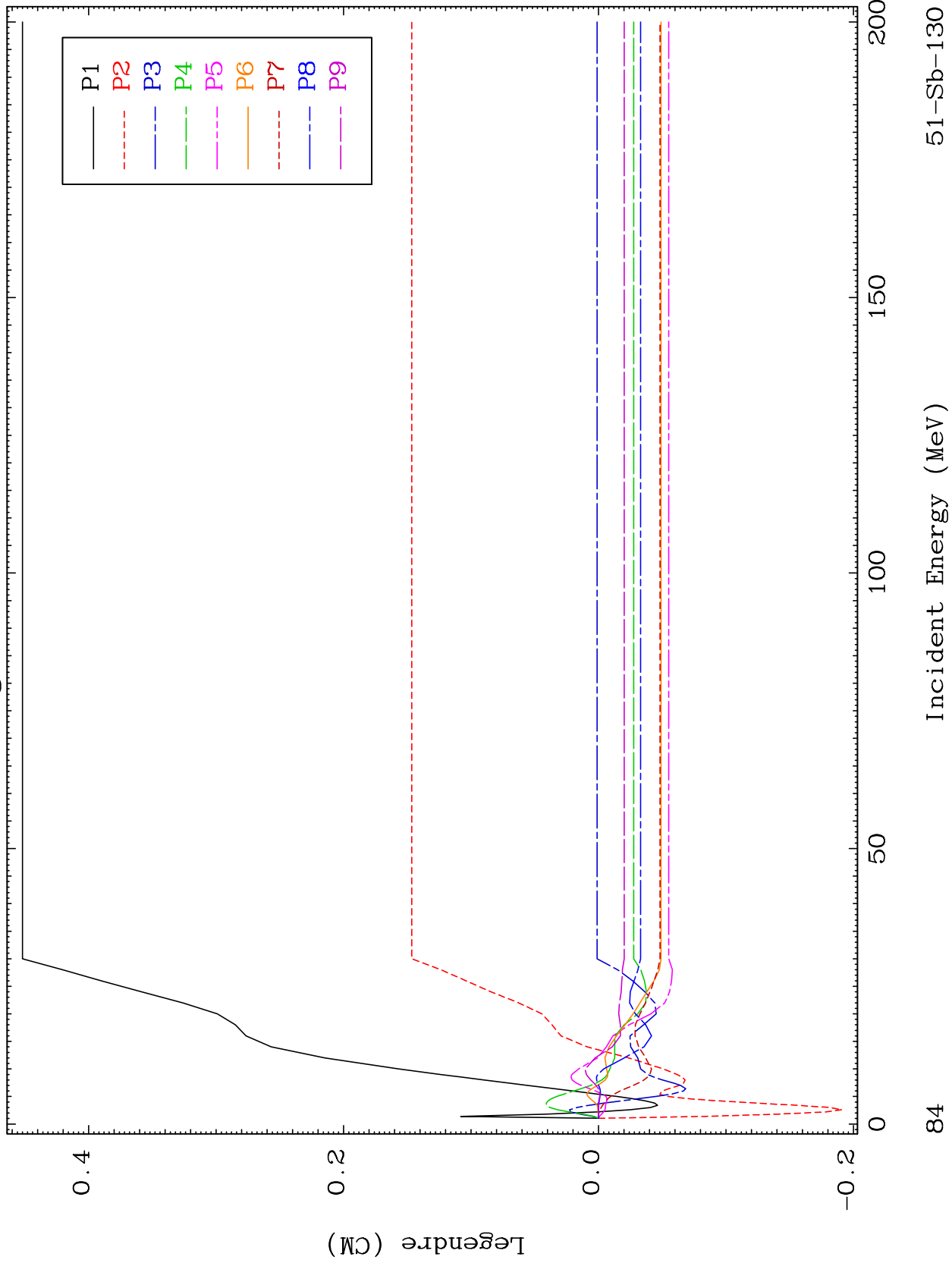
51-Sb-130



MAT 5152

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

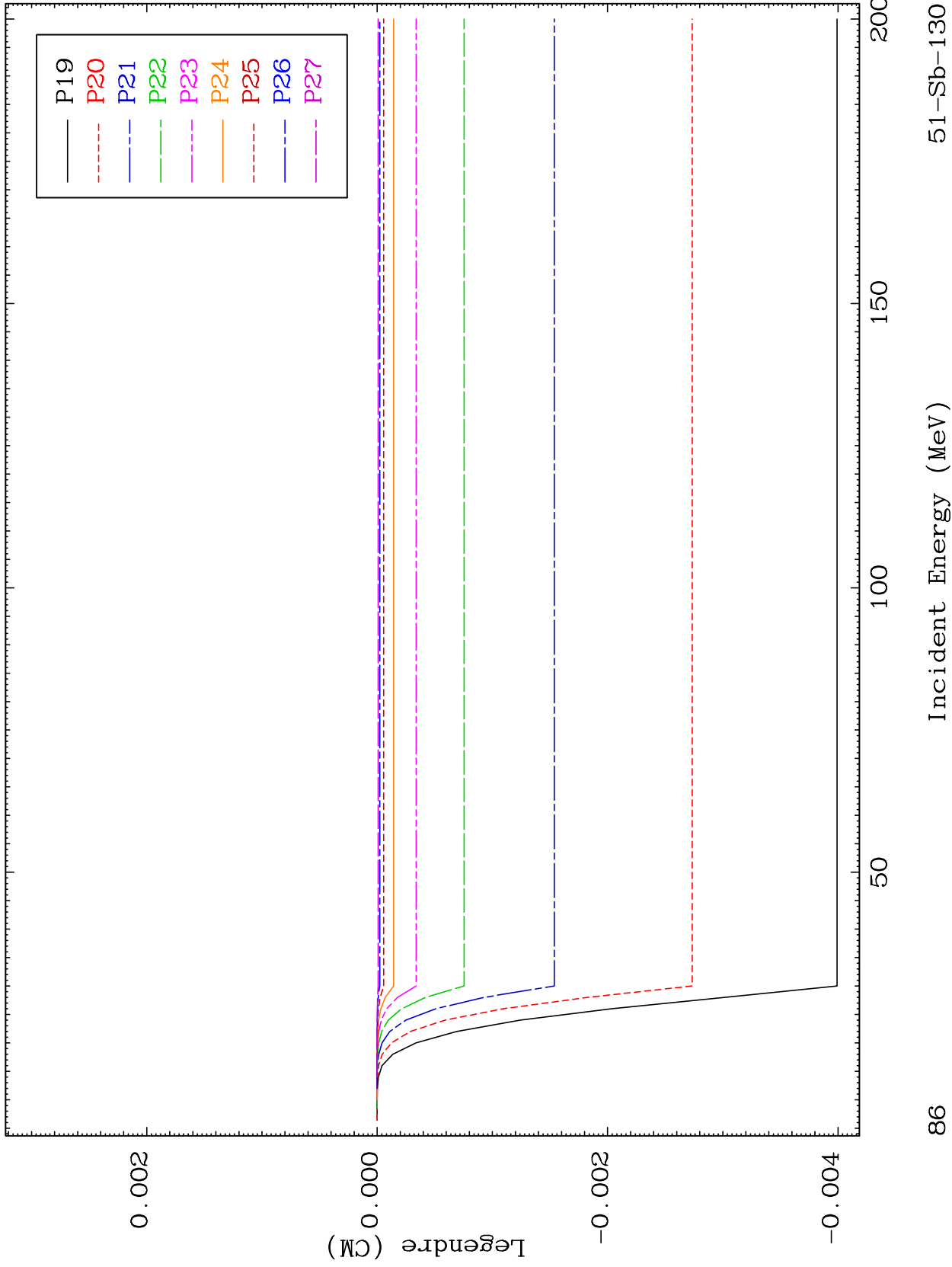
51-Sb-130

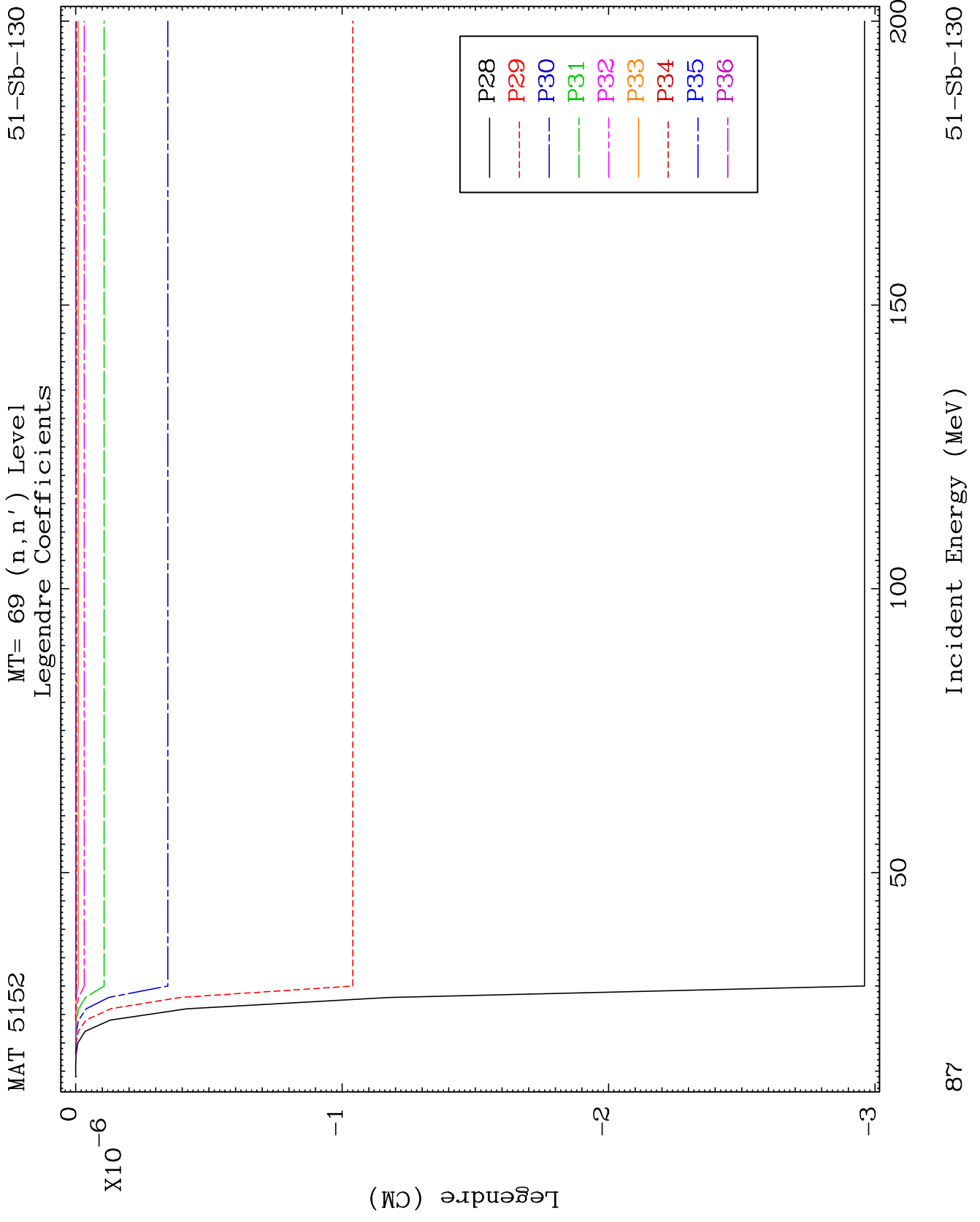


84

Incident Energy (MeV)

51-Sb-130

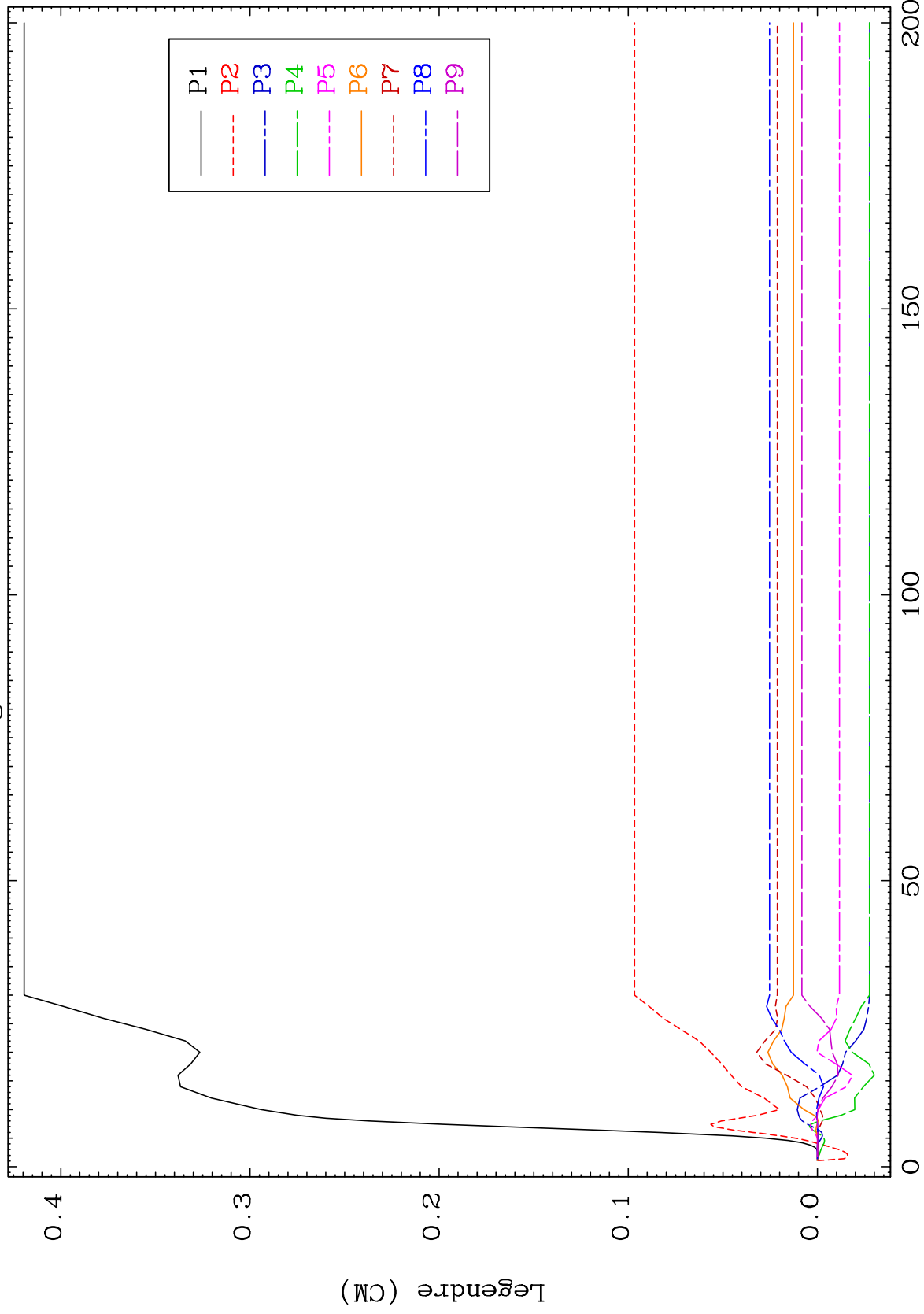




MAT 5152

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

51-Sb-130



51-Sb-130

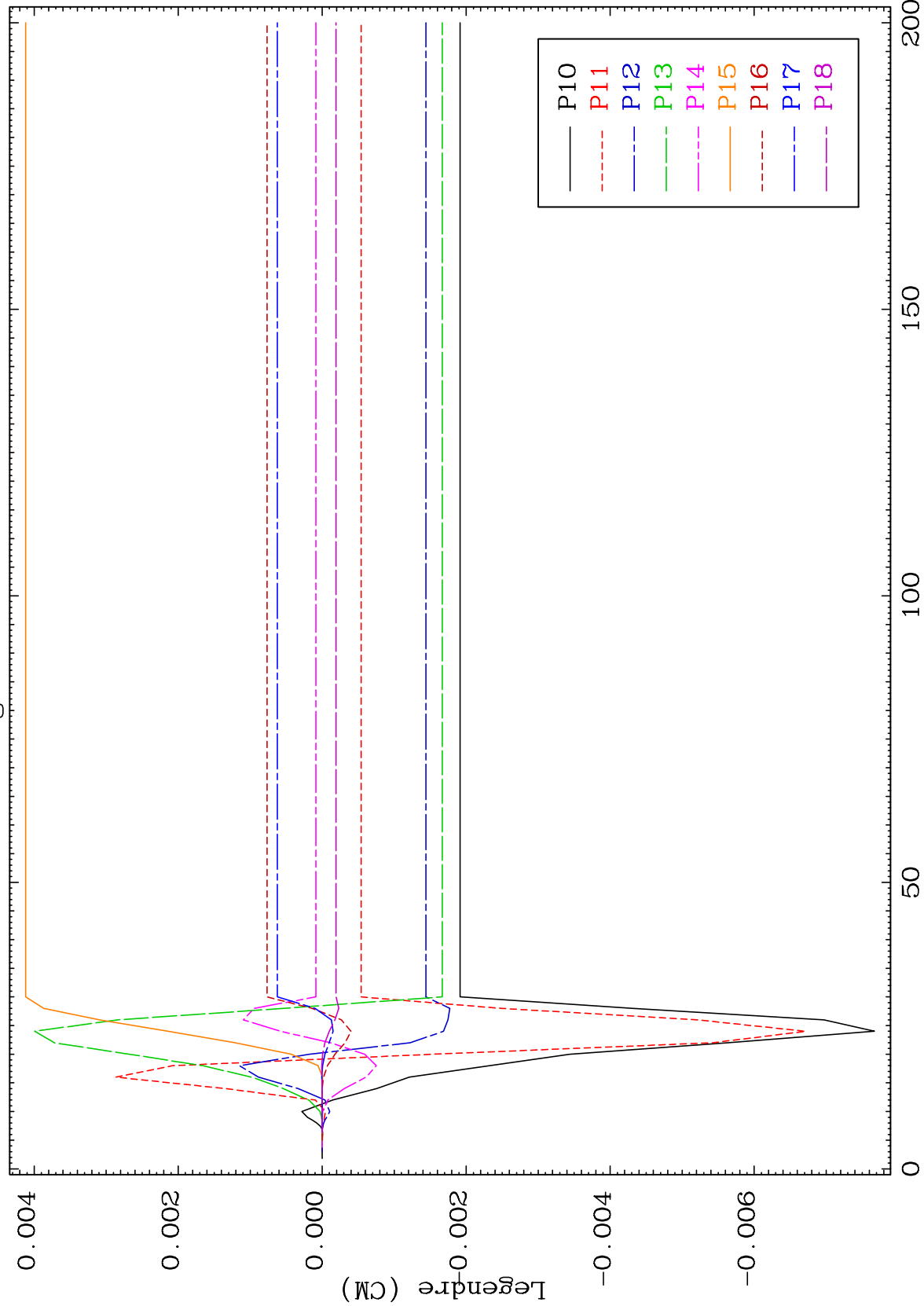
Incident Energy (MeV)

88

MAT 5152

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

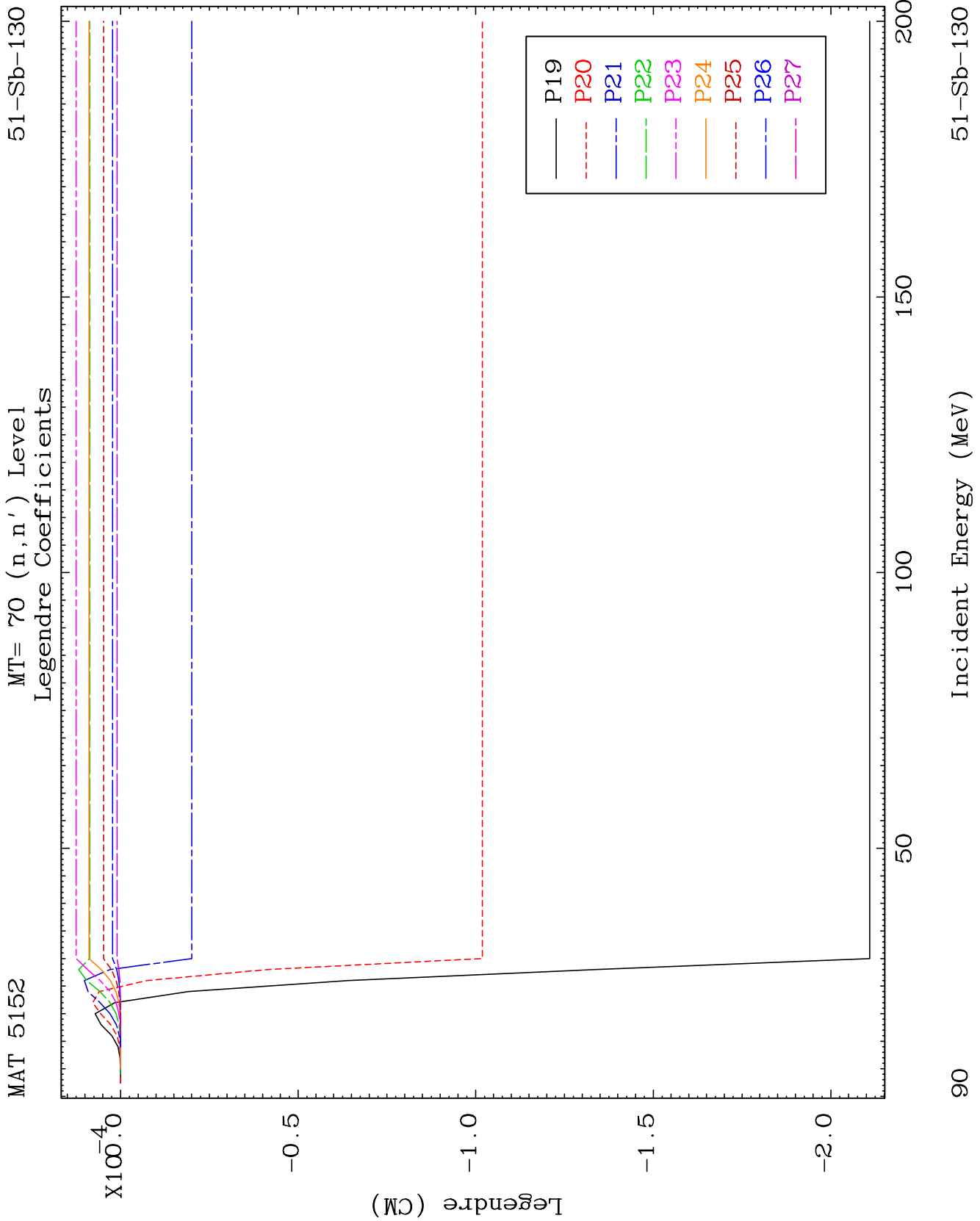
51-Sb-130



89

Incident Energy (MeV)

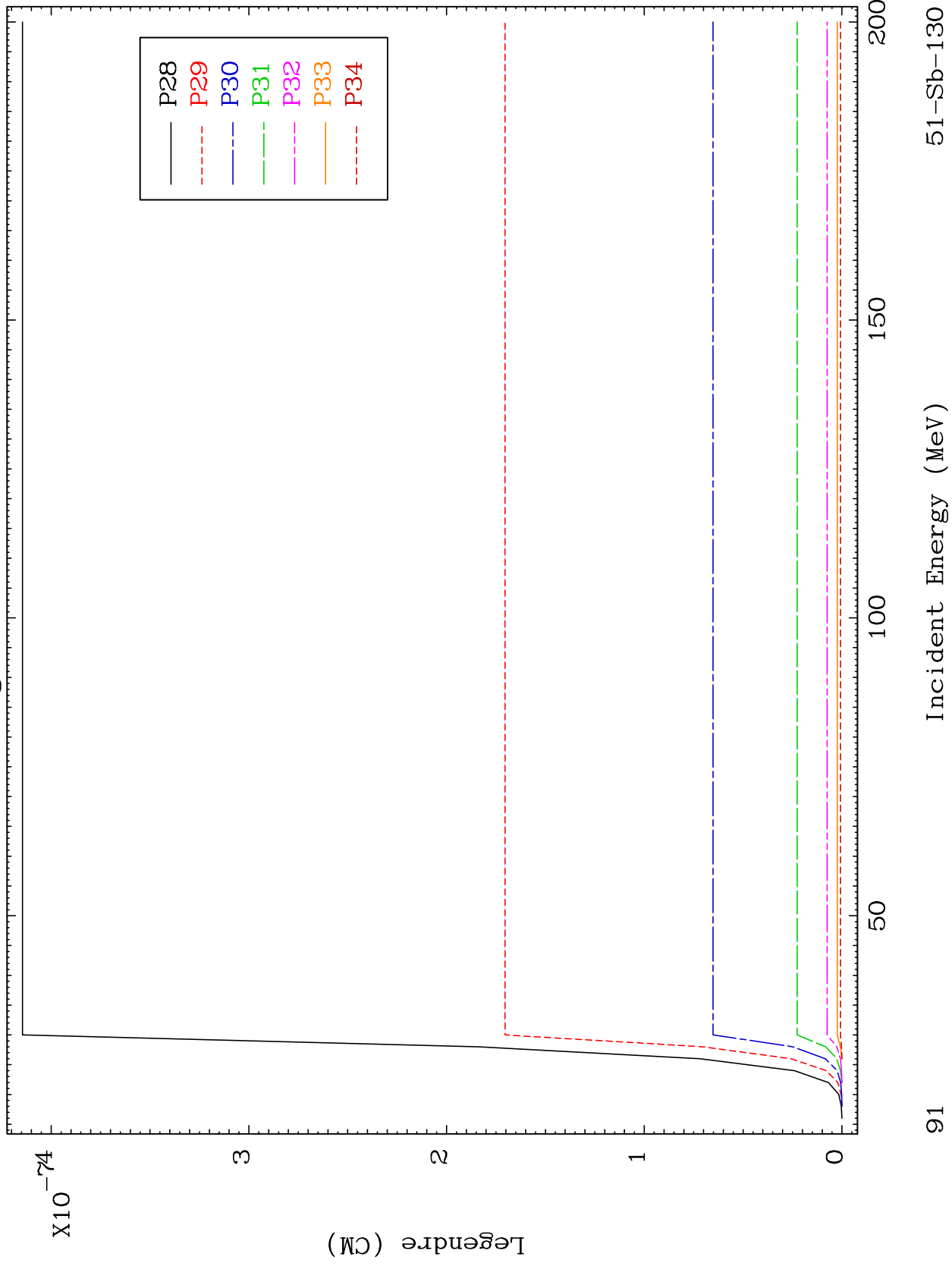
51-Sb-130



MAT 5152

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

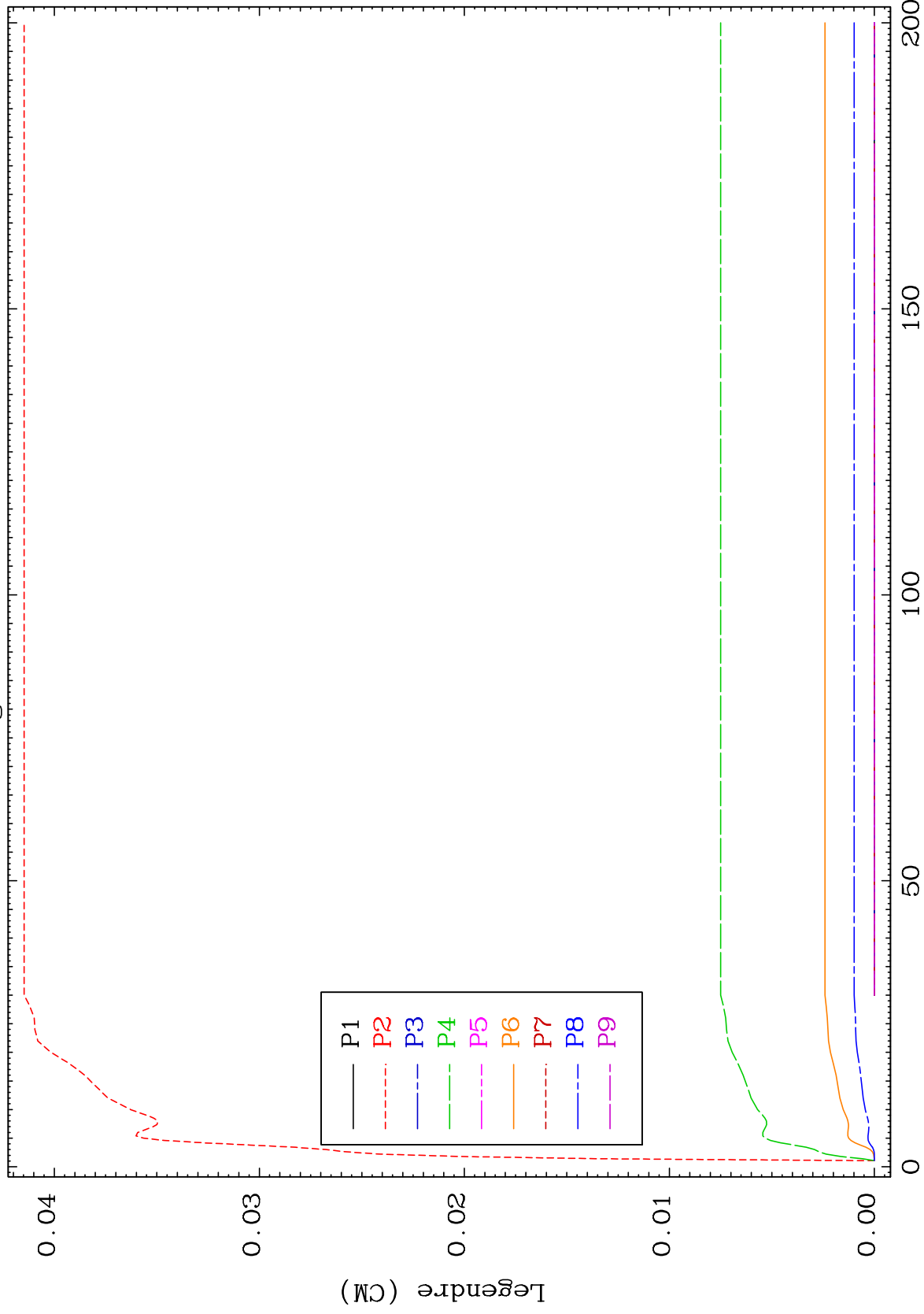
51-Sb-130



MAT 5152

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

51-Sb-130



92

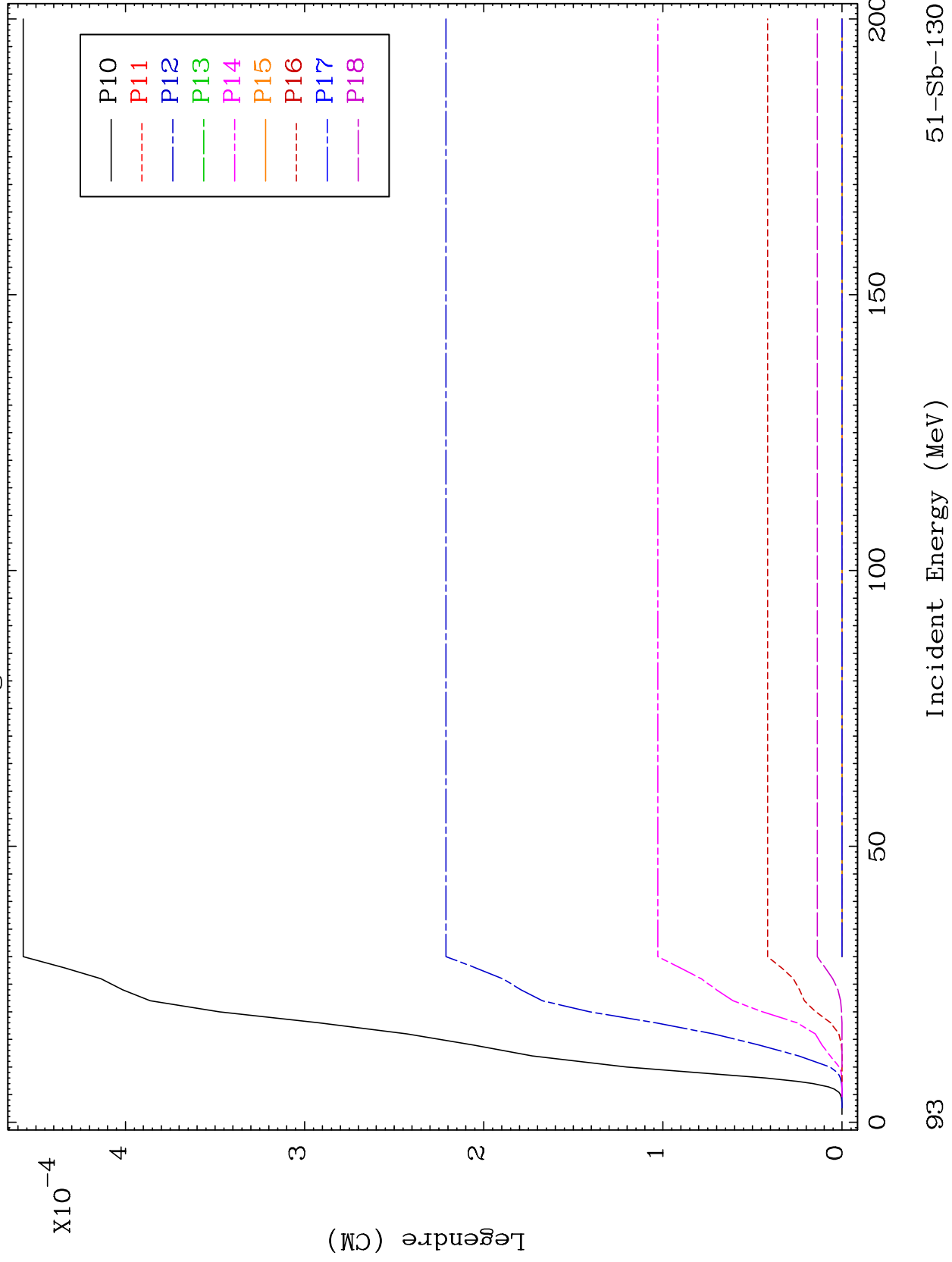
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130

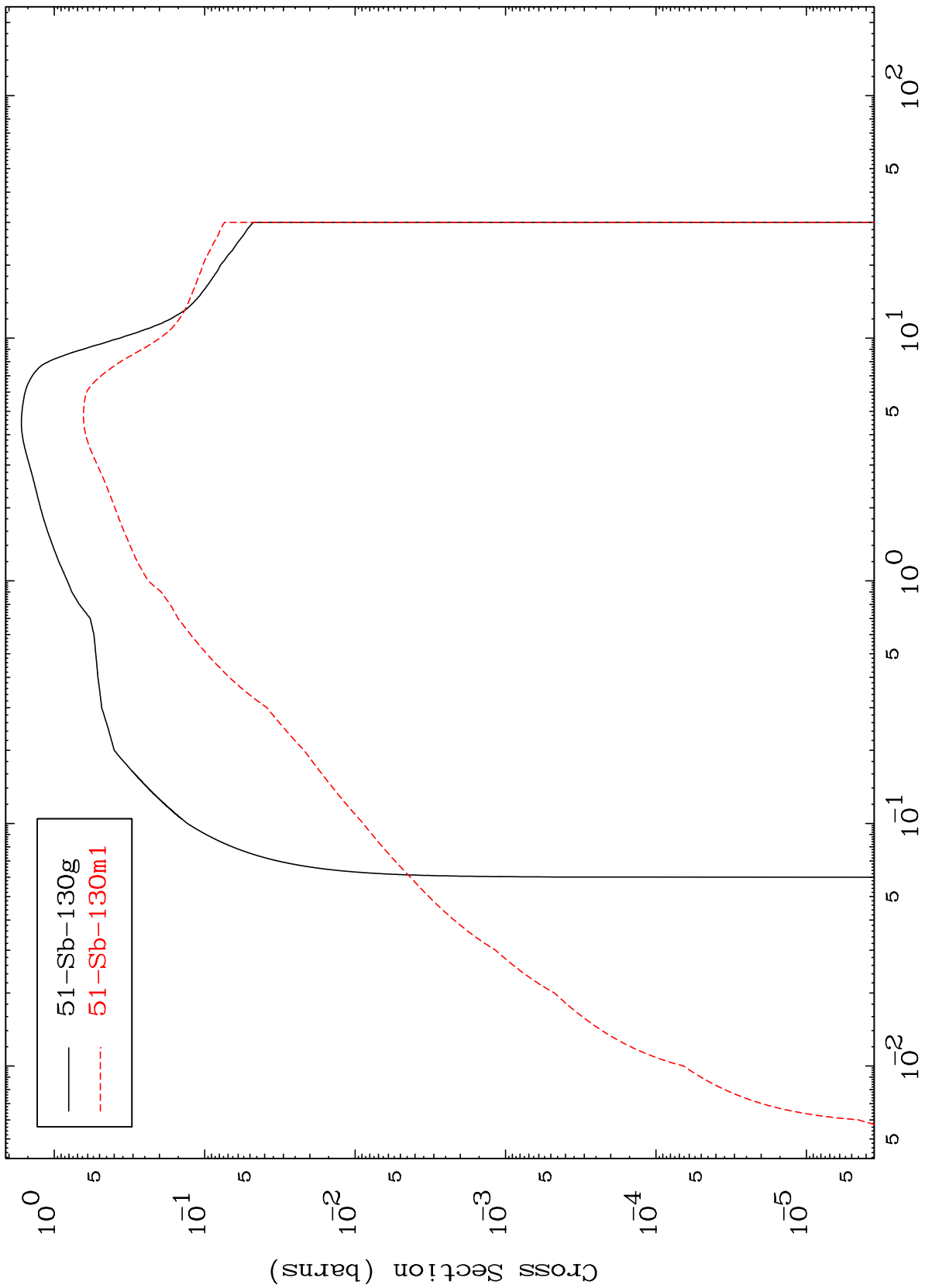


93

Incident Energy (MeV)

51-Sb-130

Inelastic
Radionuclide Production Cross Section



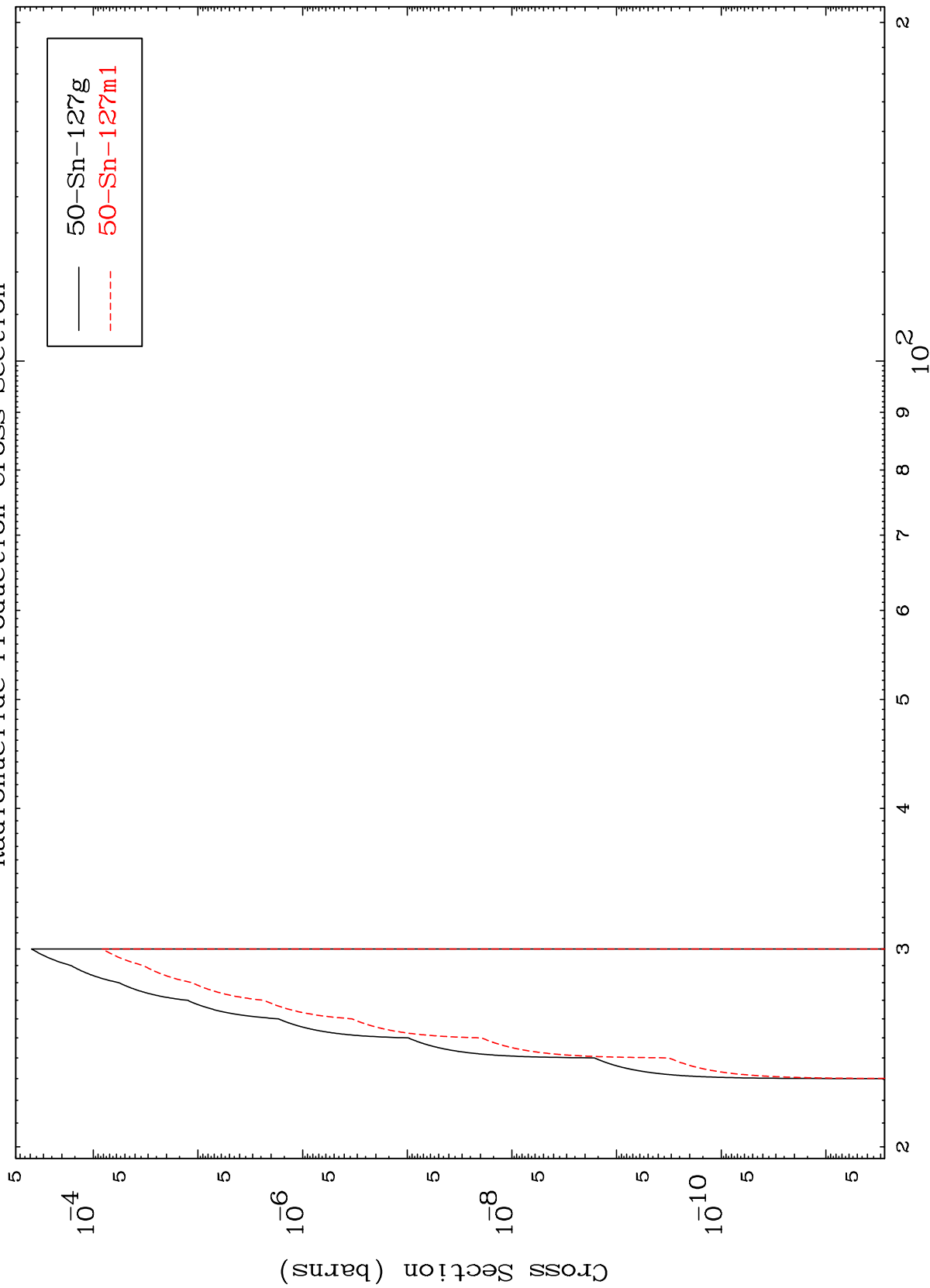
— 51-Sb-130g
- - - 51-Sb-130m1

MAT 5152

(n,2n) d

51-Sb-130

Radionuclide Production Cross Section



96

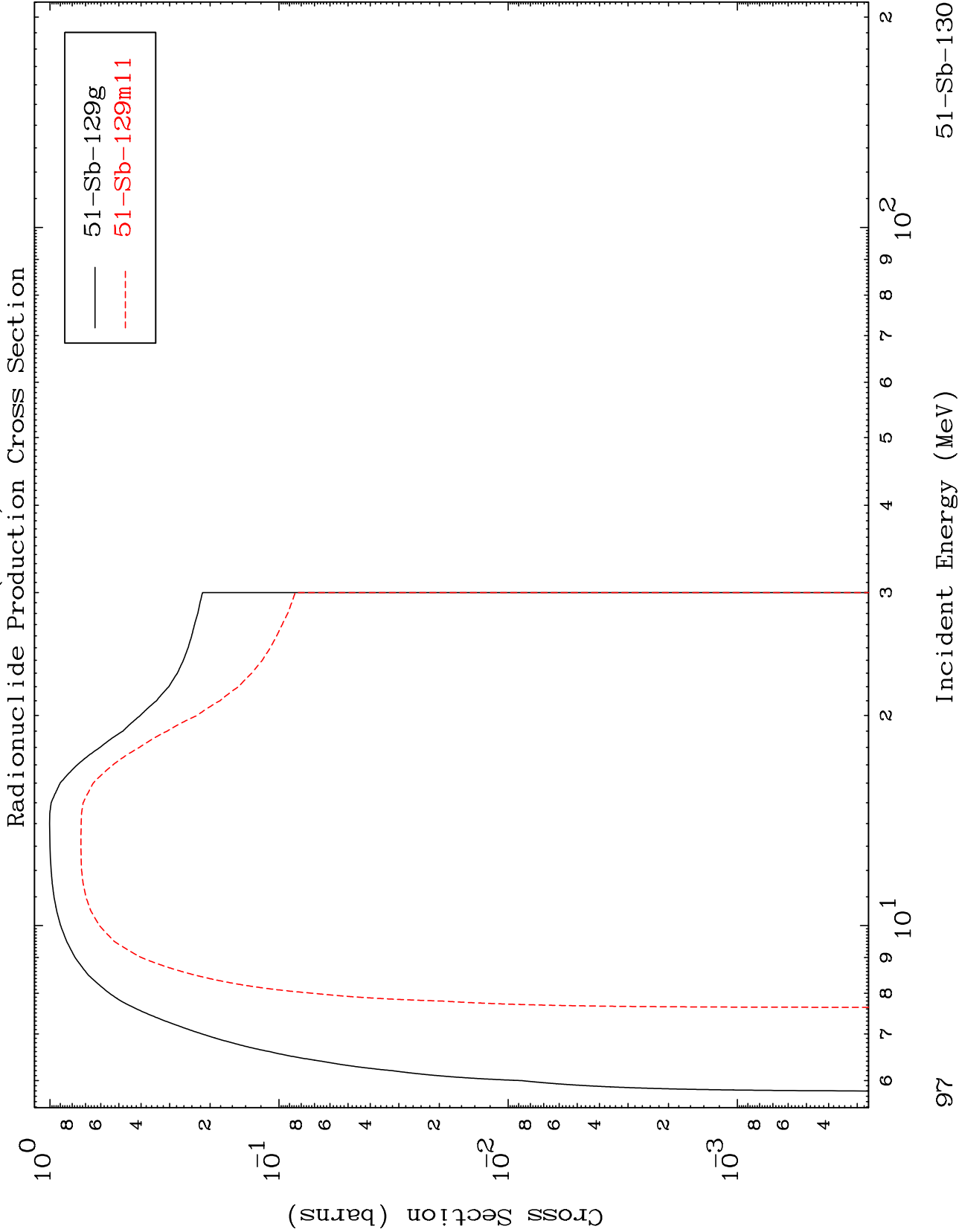
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,2n)

51-Sb-130



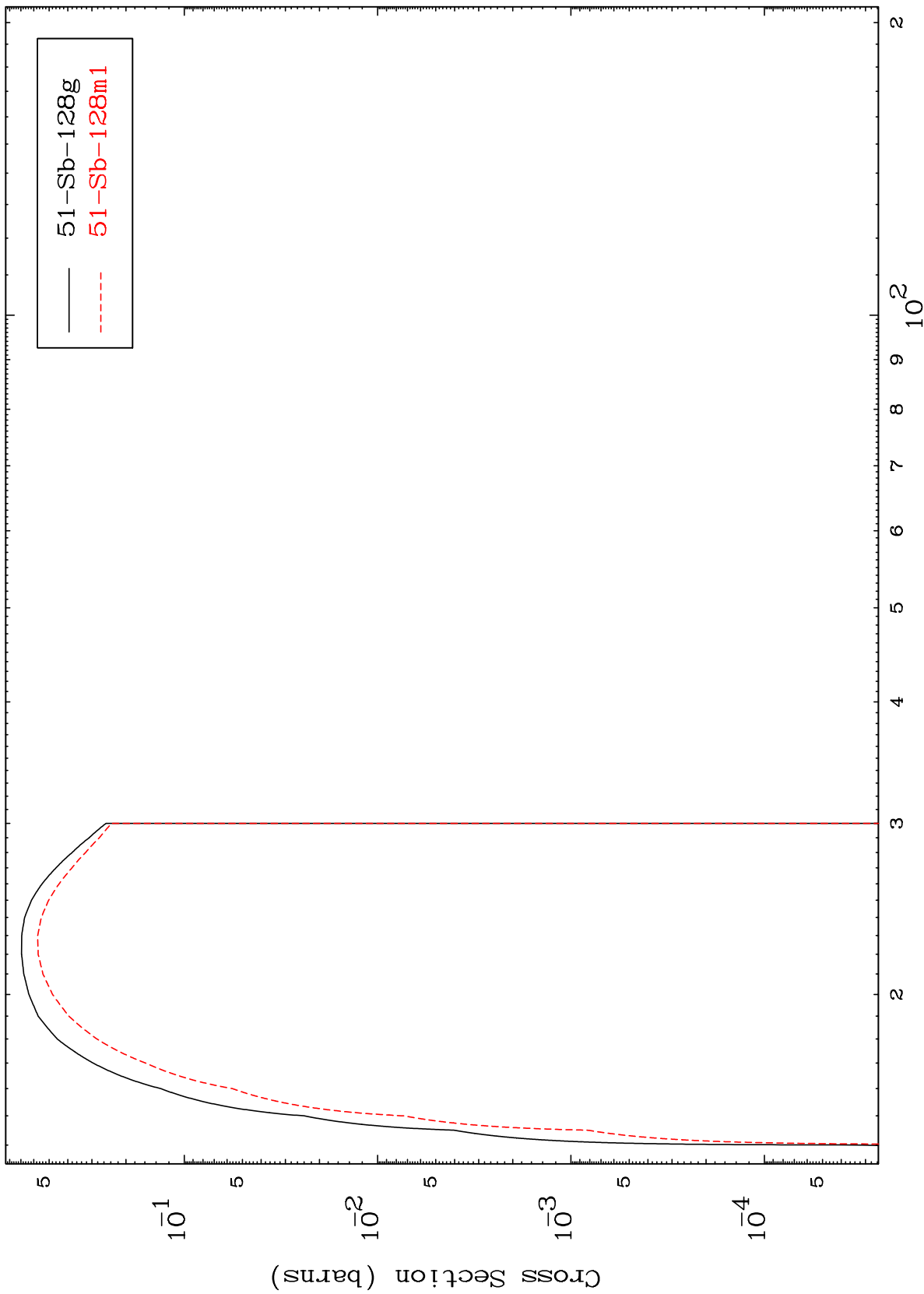
97

51-Sb-130

MAT 5152

51-Sb-130

(n,3n)
Radionuclide Production Cross Section



98

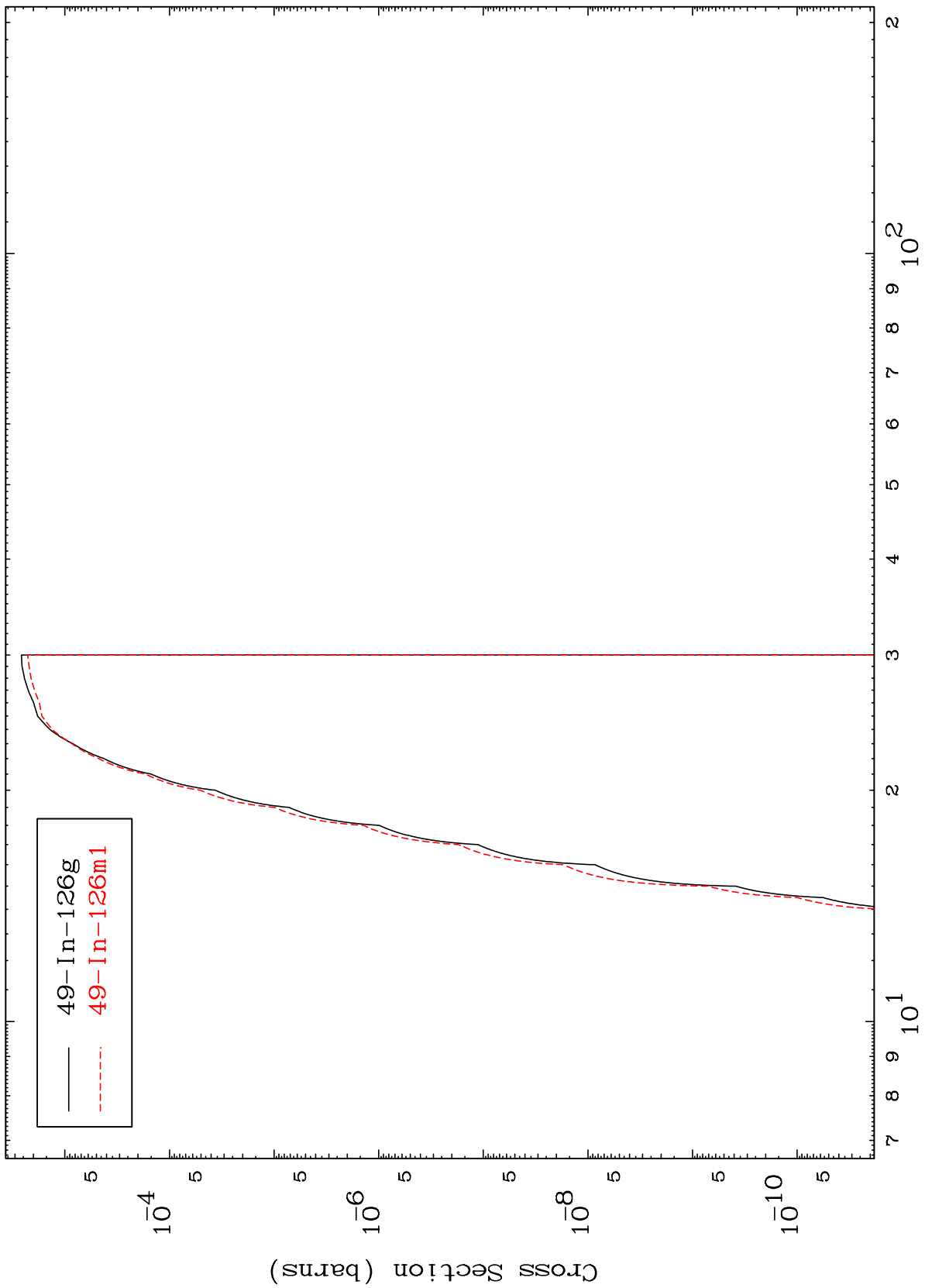
51-Sb-130

Incident Energy (MeV)

MAT 5152

51-Sb-130

(n,n') α
Radionuclide Production Cross Section



99

Incident Energy (MeV)

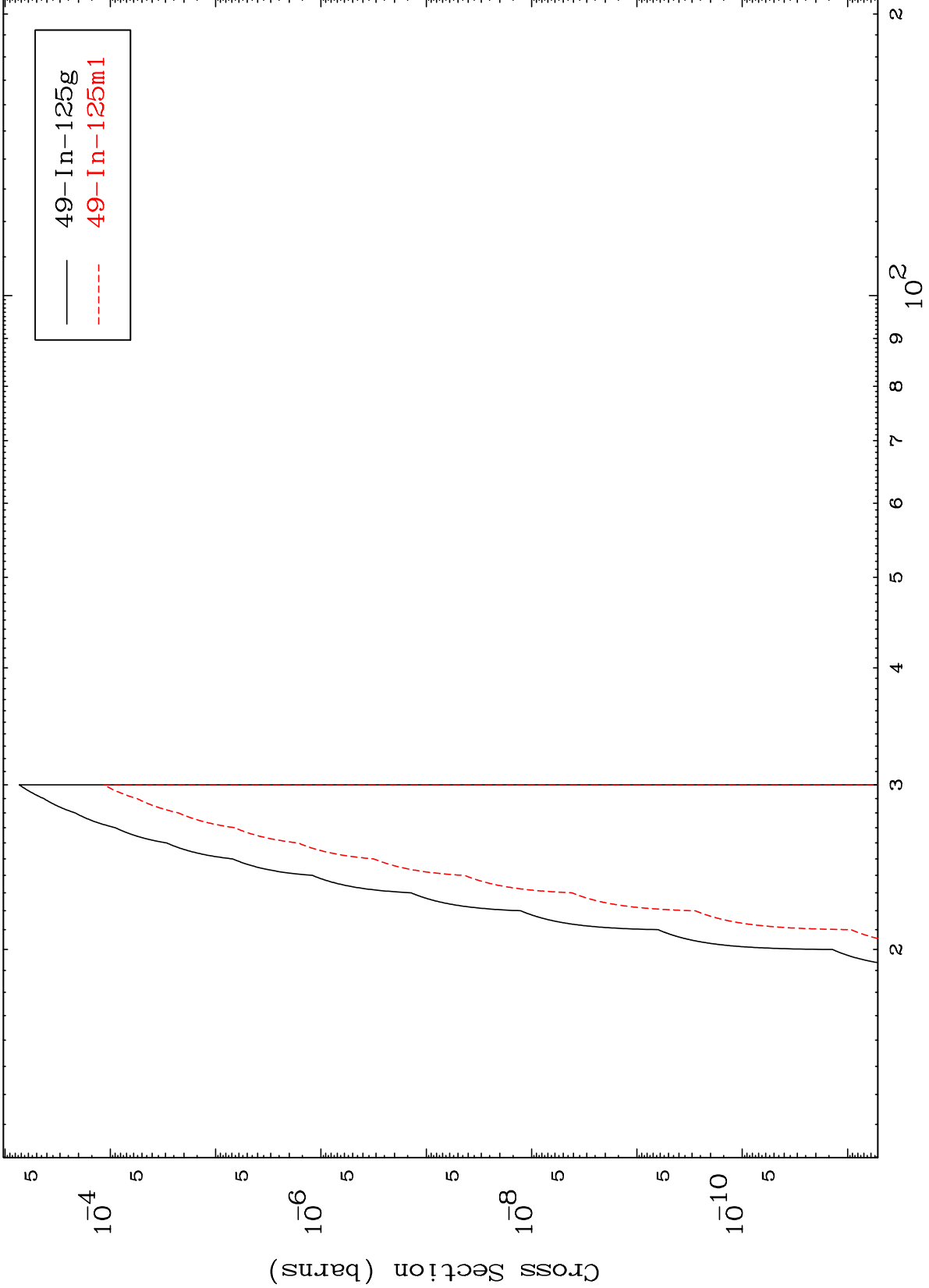
51-Sb-130

MAT 5152

(n,2n) α

51-Sb-130

Radionuclide Production Cross Section



100

Incident Energy (MeV)

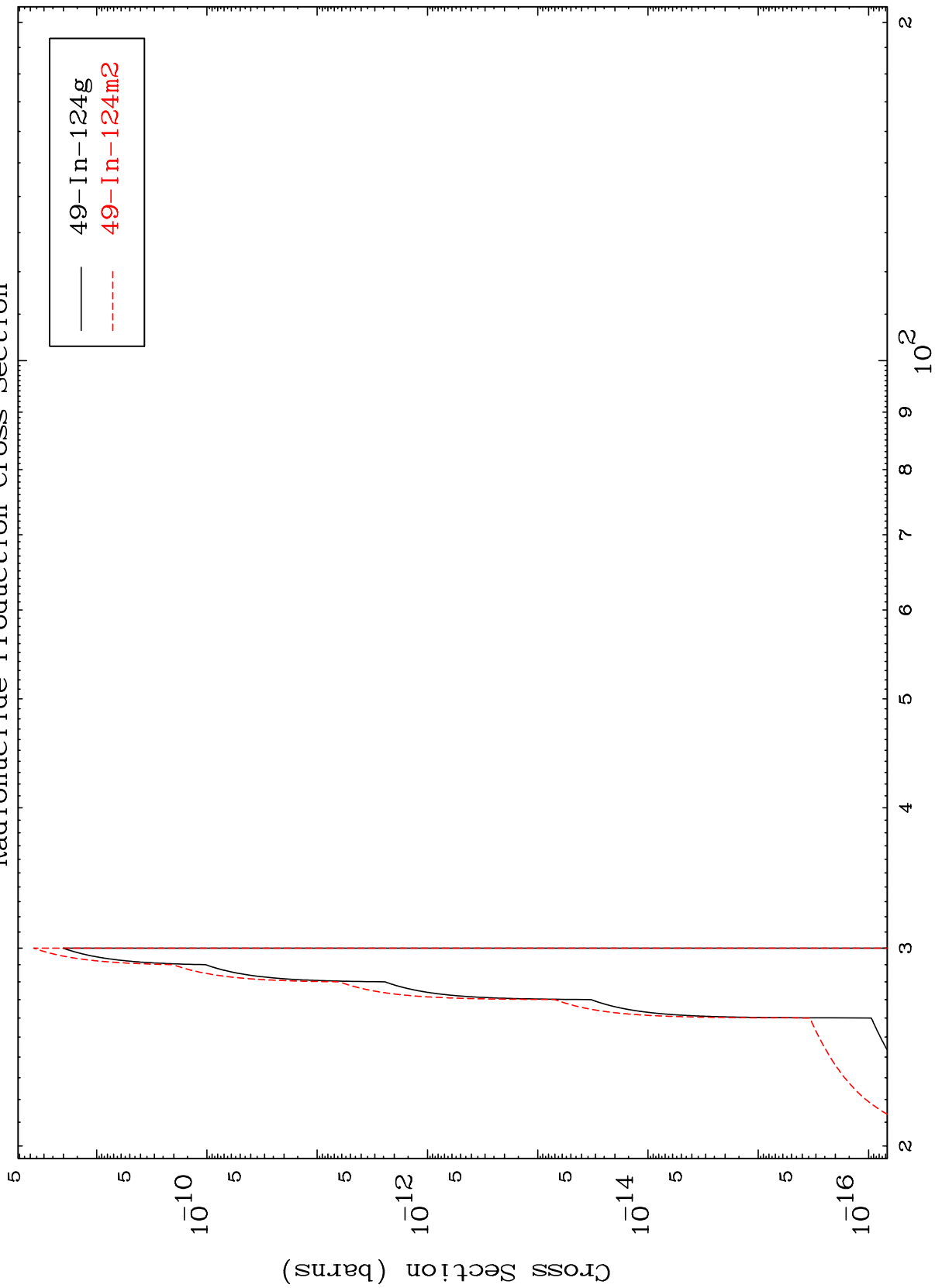
51-Sb-130

MAT 5152

(n,3n) α

51-Sb-130

Radionuclide Production Cross Section



101

Incident Energy (MeV)

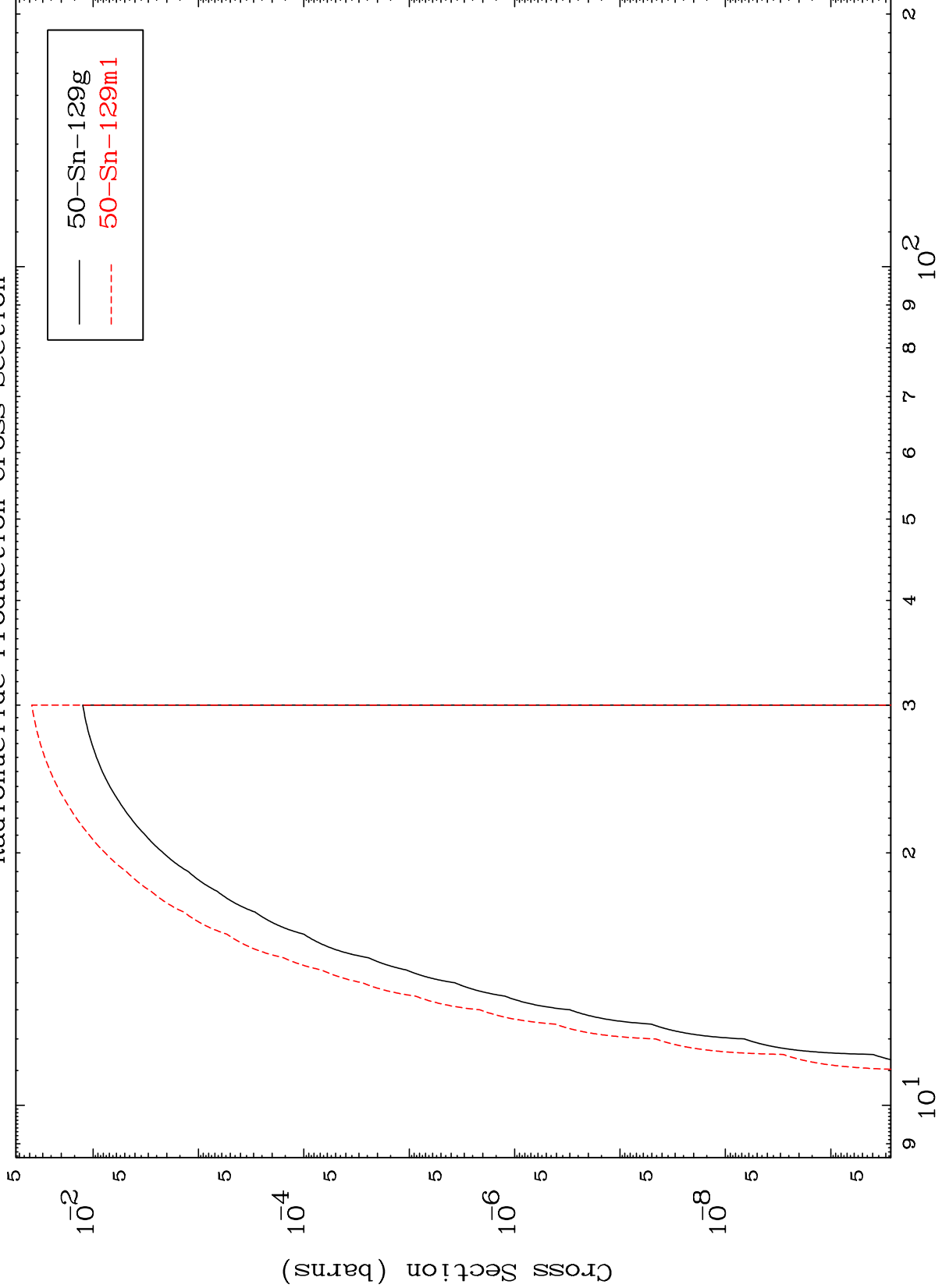
51-Sb-130

MAT 5152

(n,n') p

51-Sb-130

Radionuclide Production Cross Section

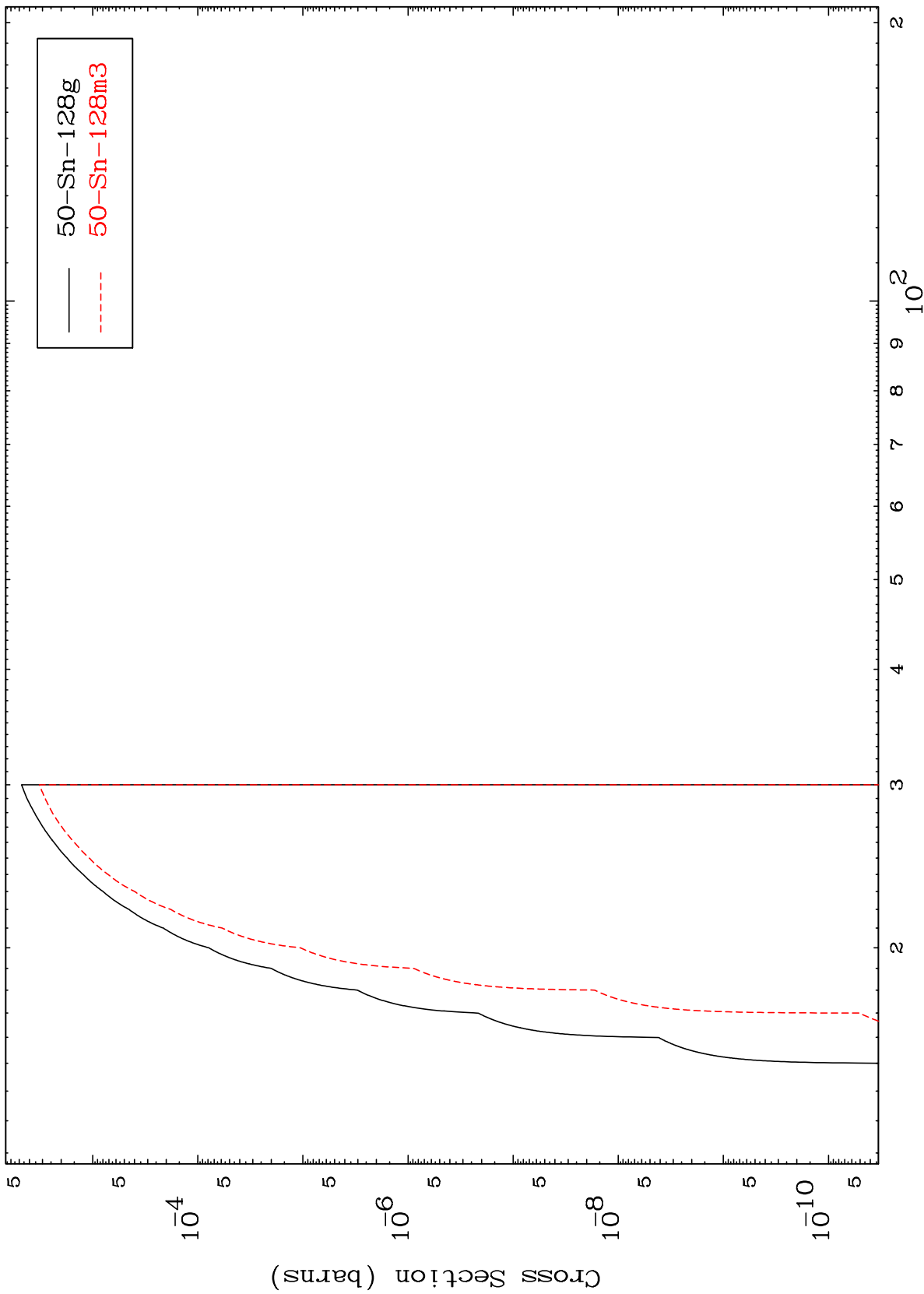


102

Incident Energy (MeV)

51-Sb-130

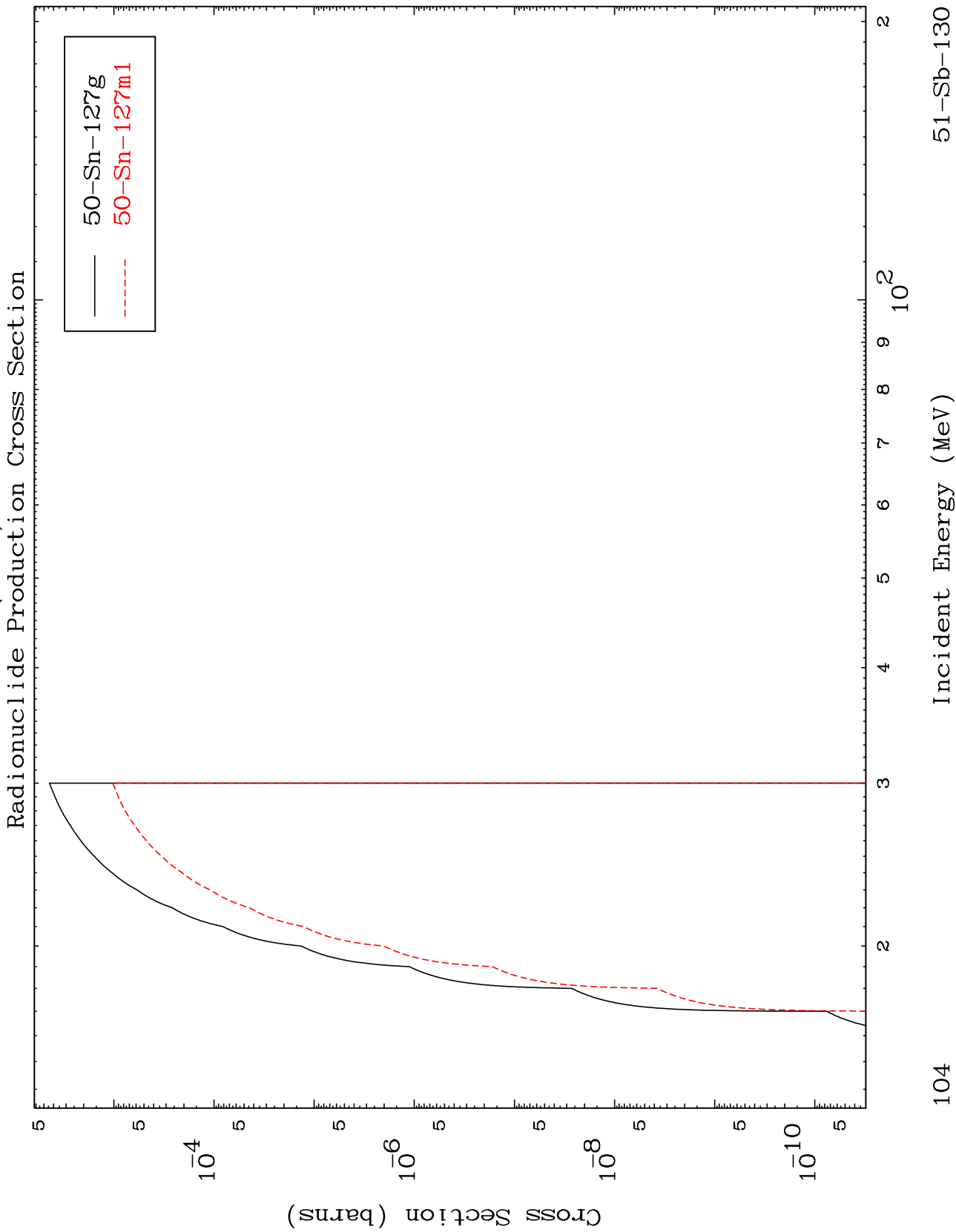
Radionuclide Production Cross Section



MAT 5152

(n,n') t

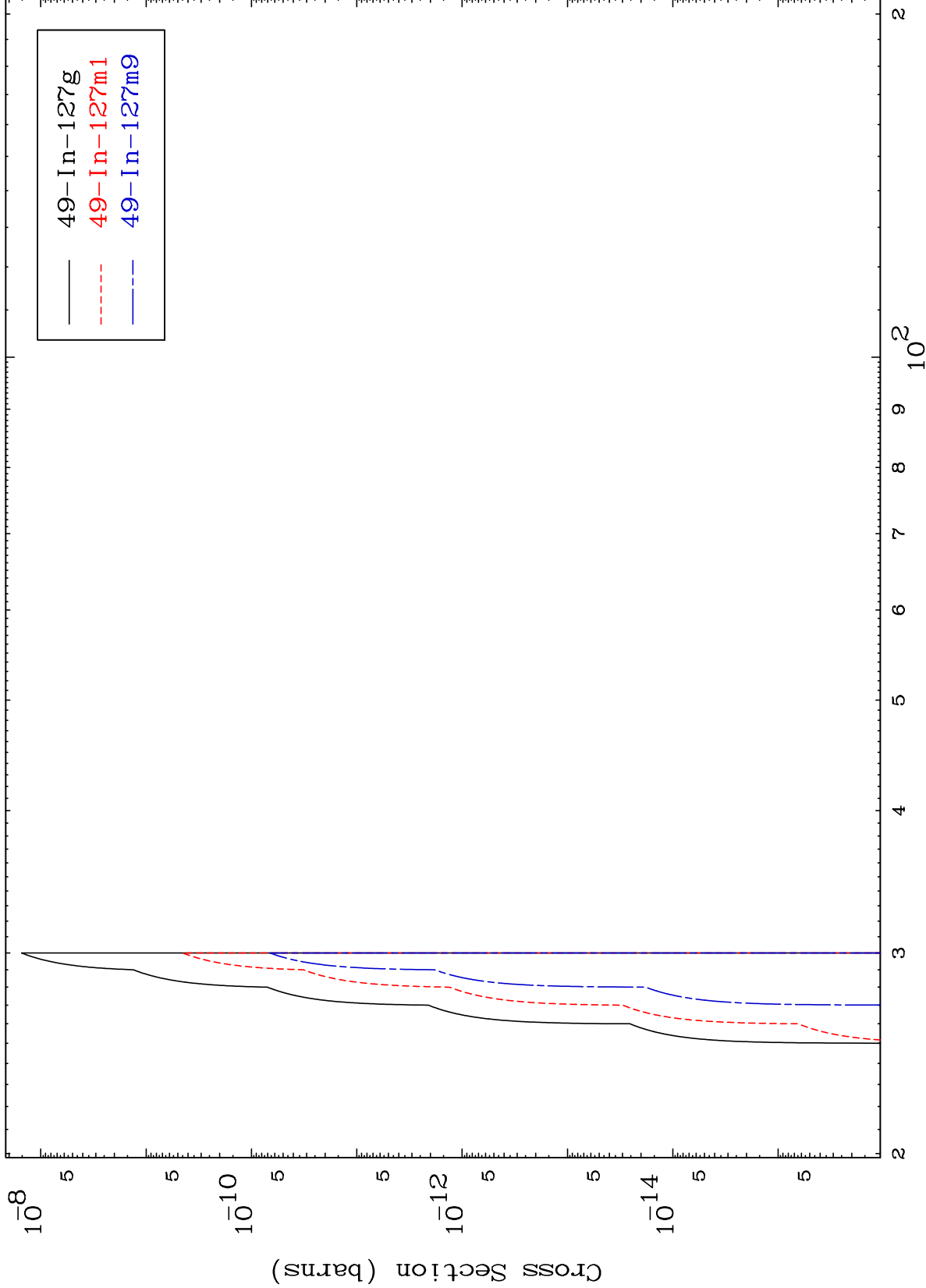
51-Sb-130

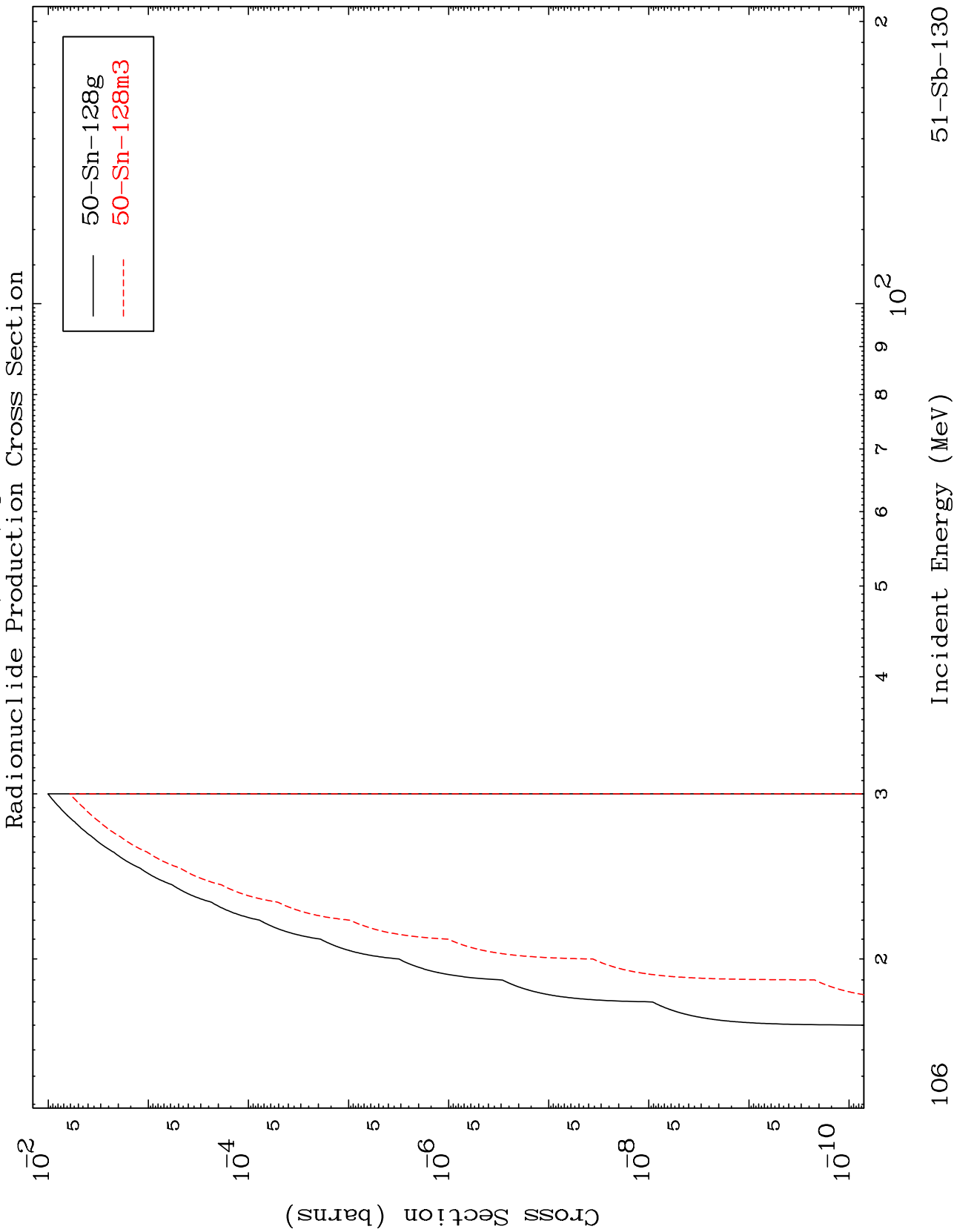


104

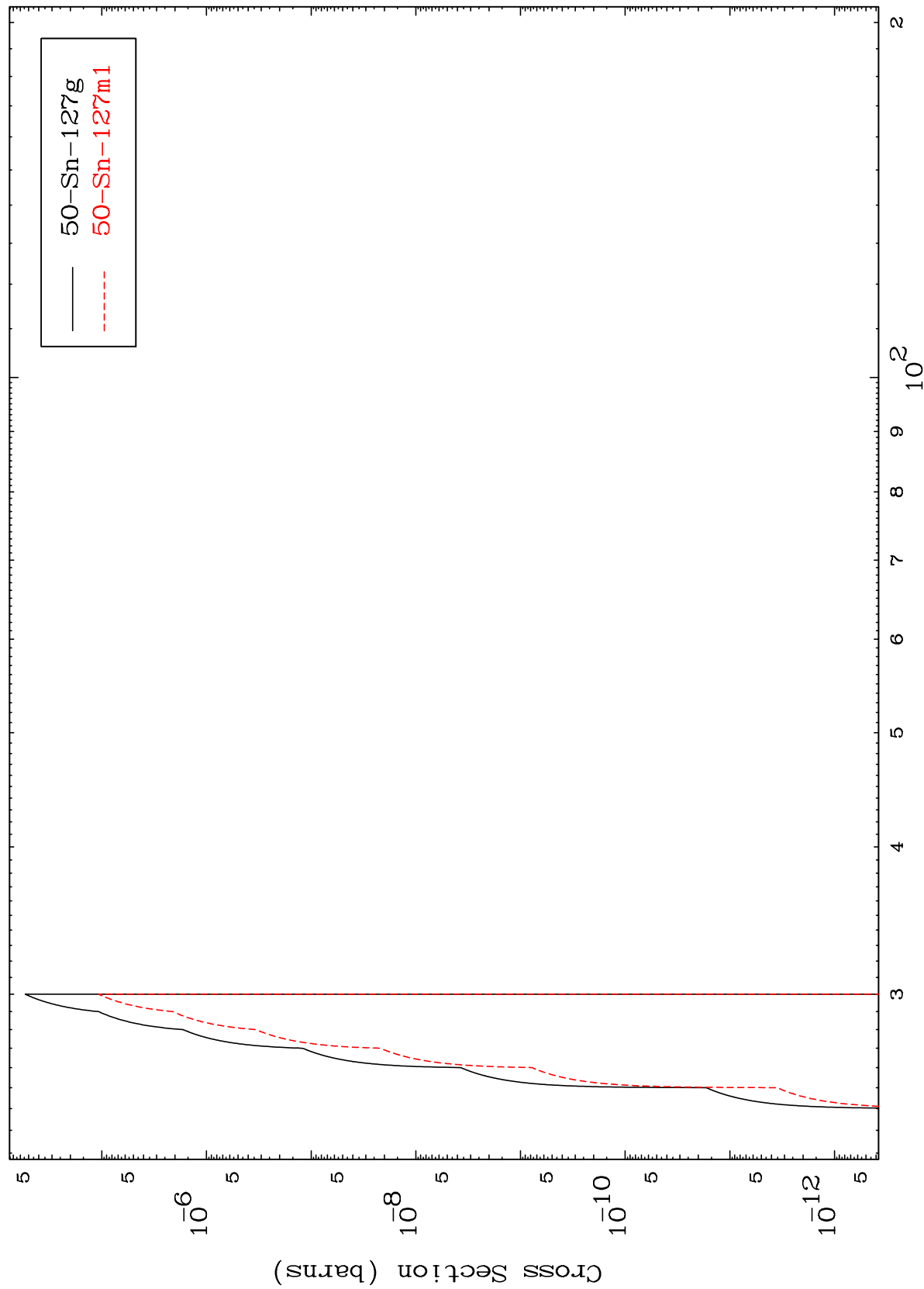
51-Sb-130

Radionuclide Production Cross Section





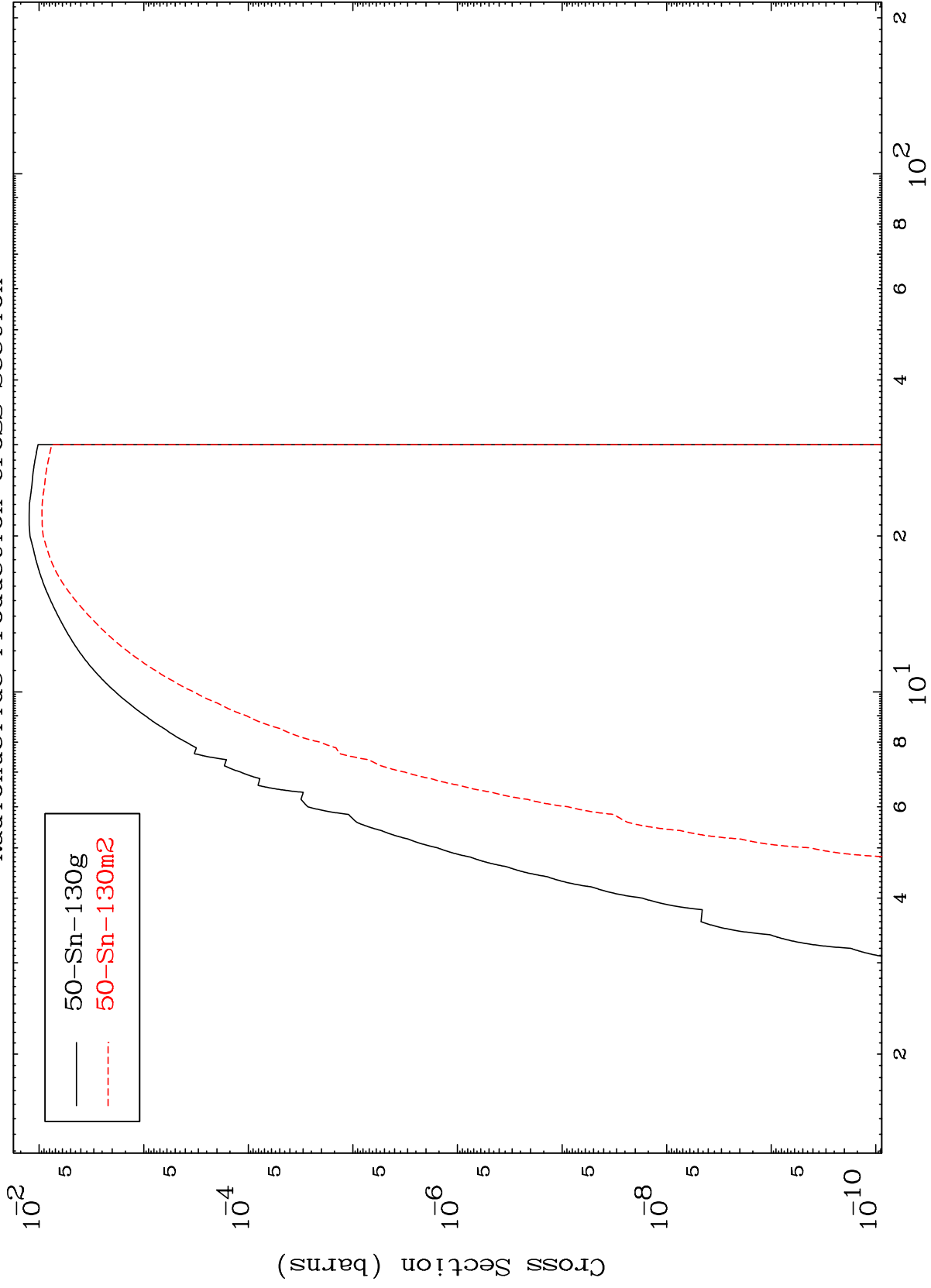
Radionuclide Production Cross Section



MAT 5152

51-Sb-130

(n,p)
Radionuclide Production Cross Section



108

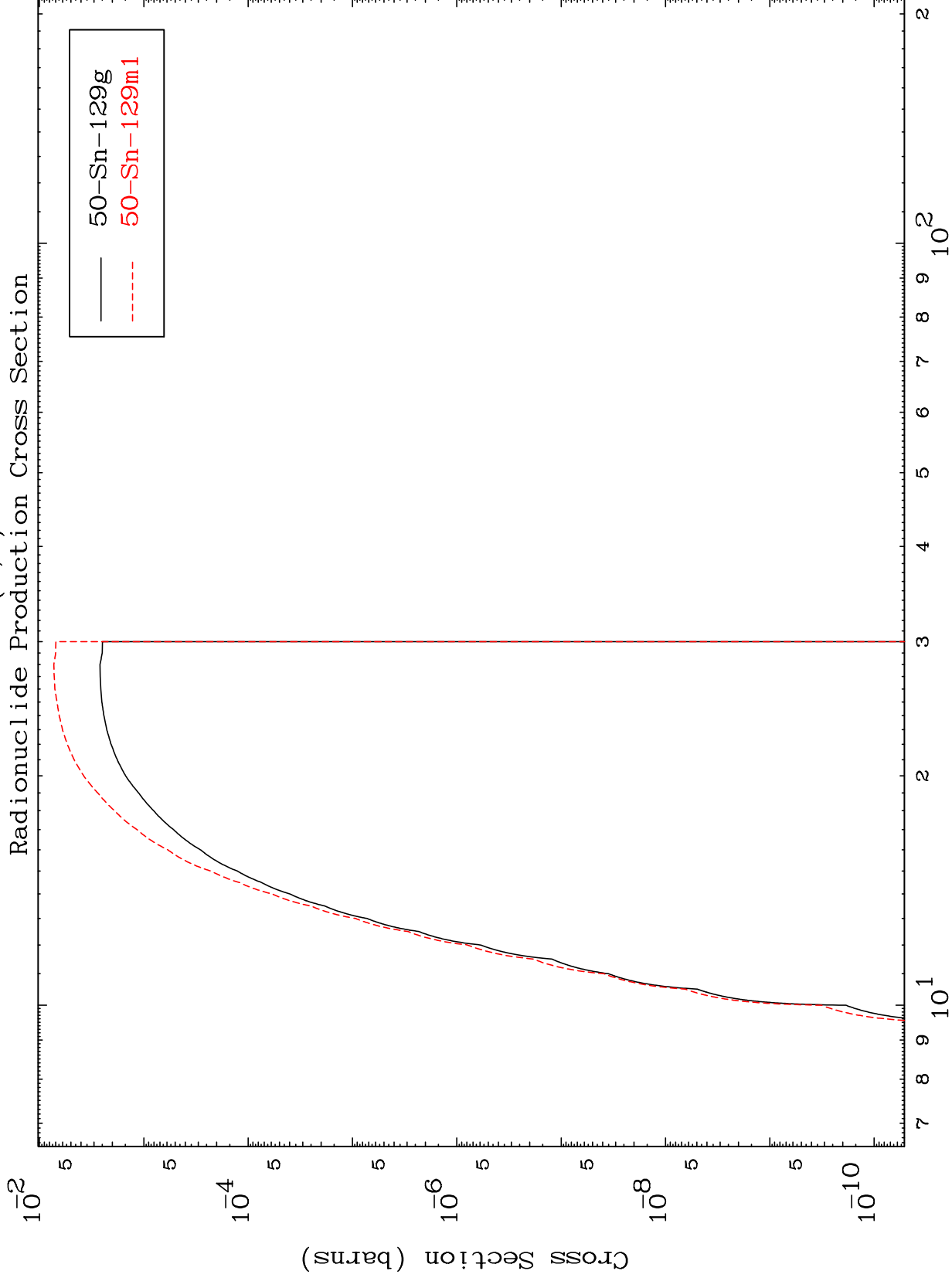
51-Sb-130

Incident Energy (MeV)

MAT 5152

(n,d)

51-Sb-130



109

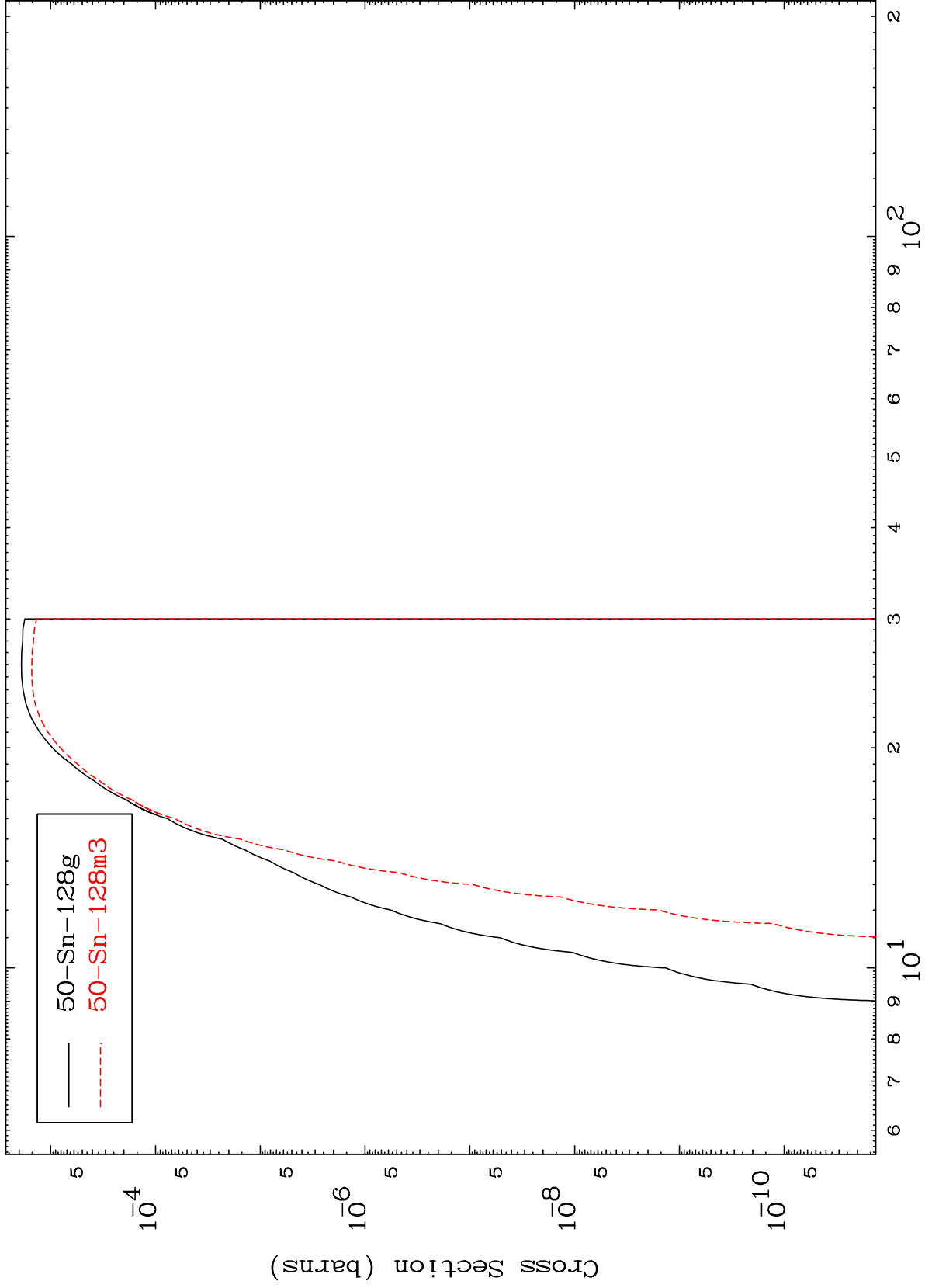
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(n,t)
Radionuclide Production Cross Section



51-Sb-130

Incident Energy (MeV)

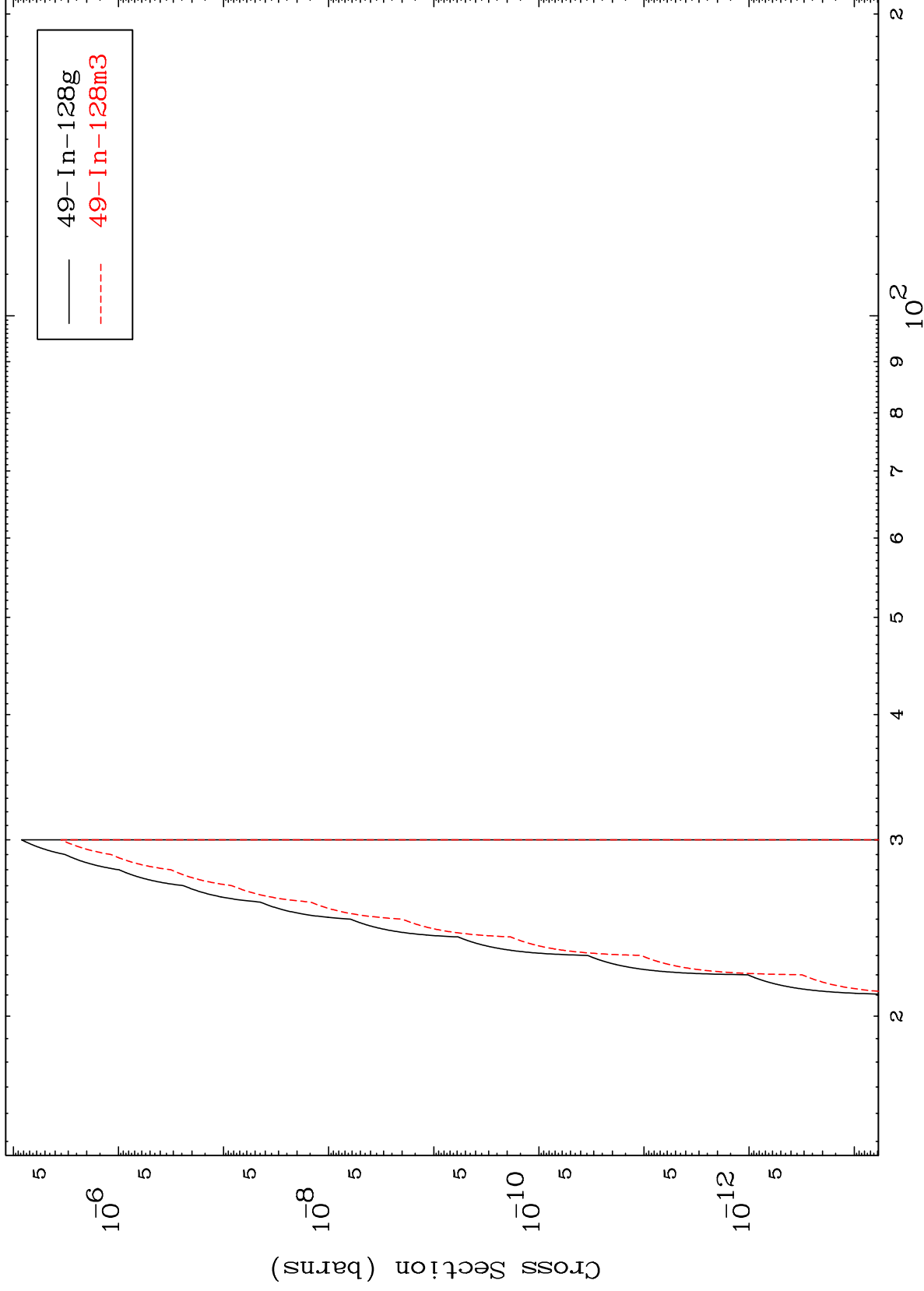
110

MAT 5152

(n,He-3)

51-Sb-130

Radionuclide Production Cross Section



111

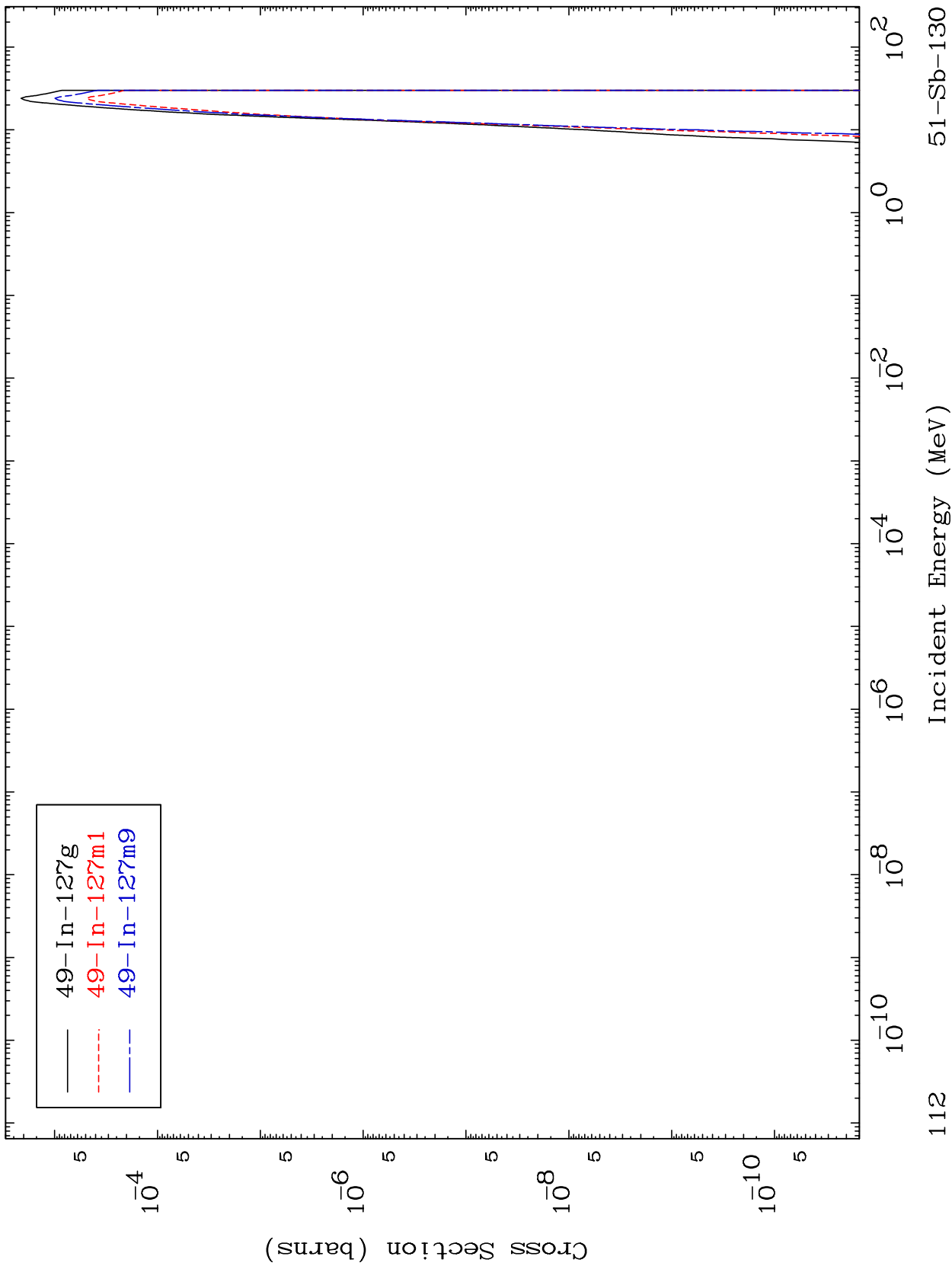
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

Radionuclide Production Cross Section (n,α)



(n,2p)
Radionuclide Production Cross Section

