

Program EVALPLOT
(Version 2021-1)

by

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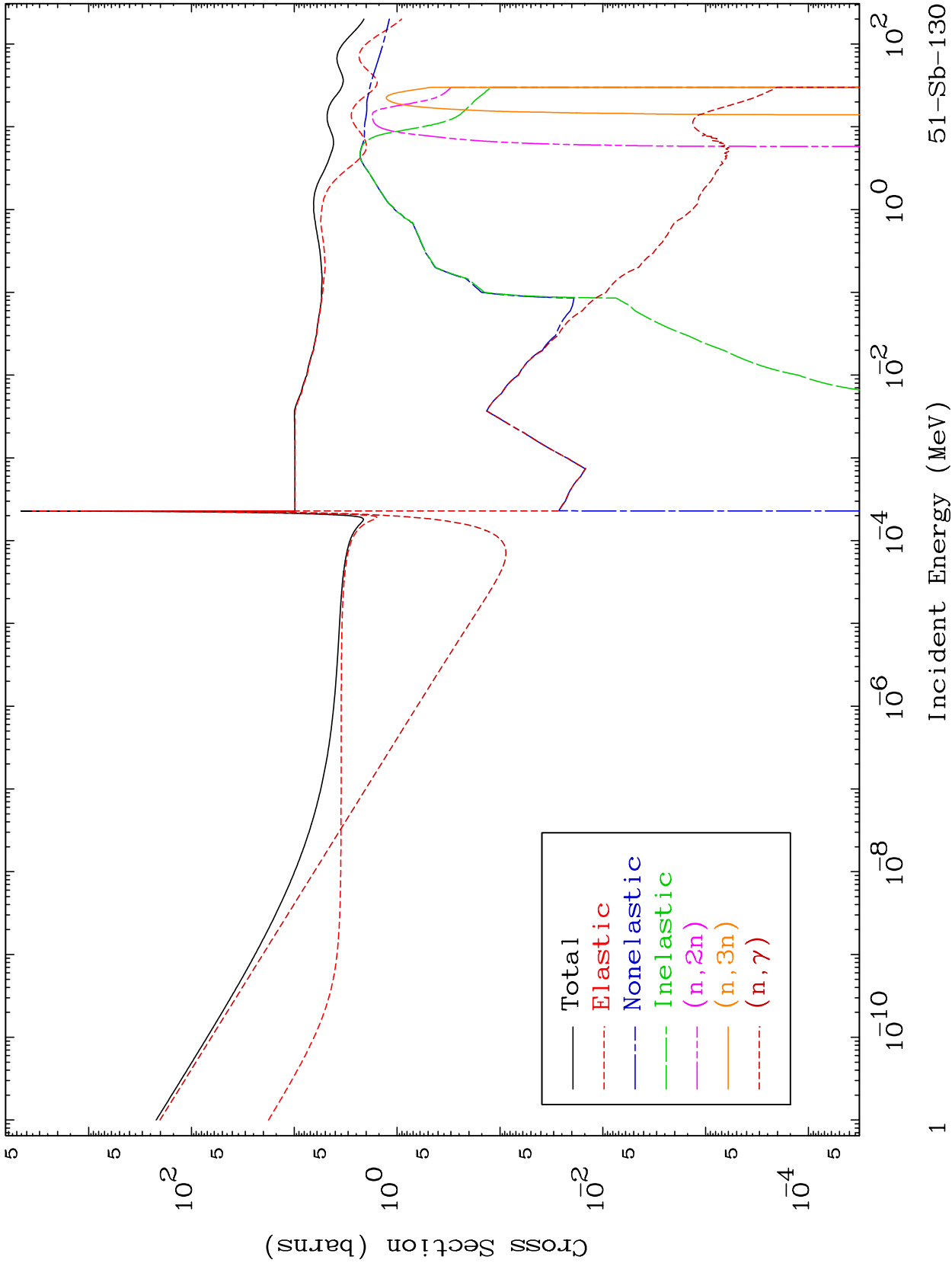
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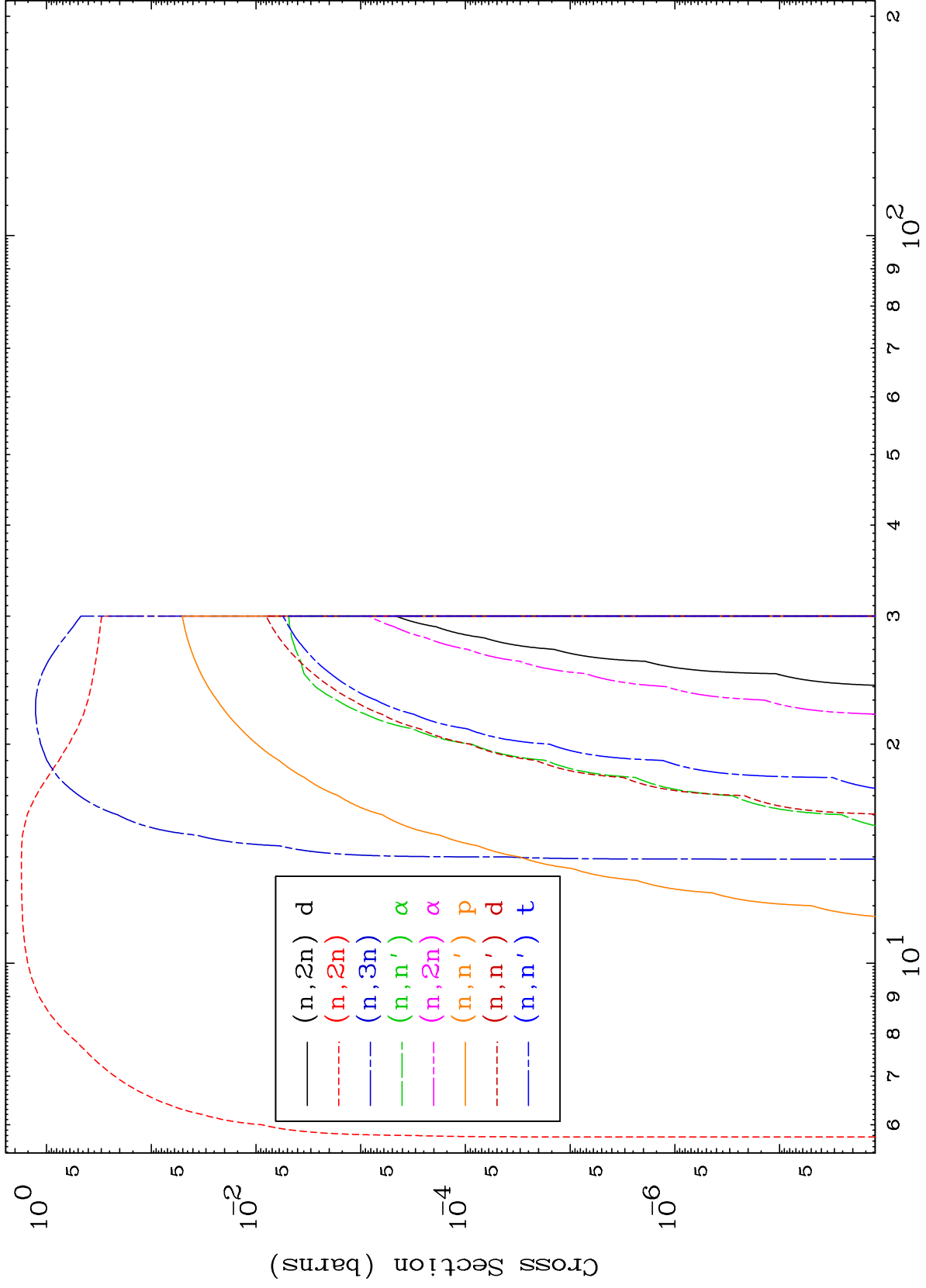
Press Mouse Button to Start

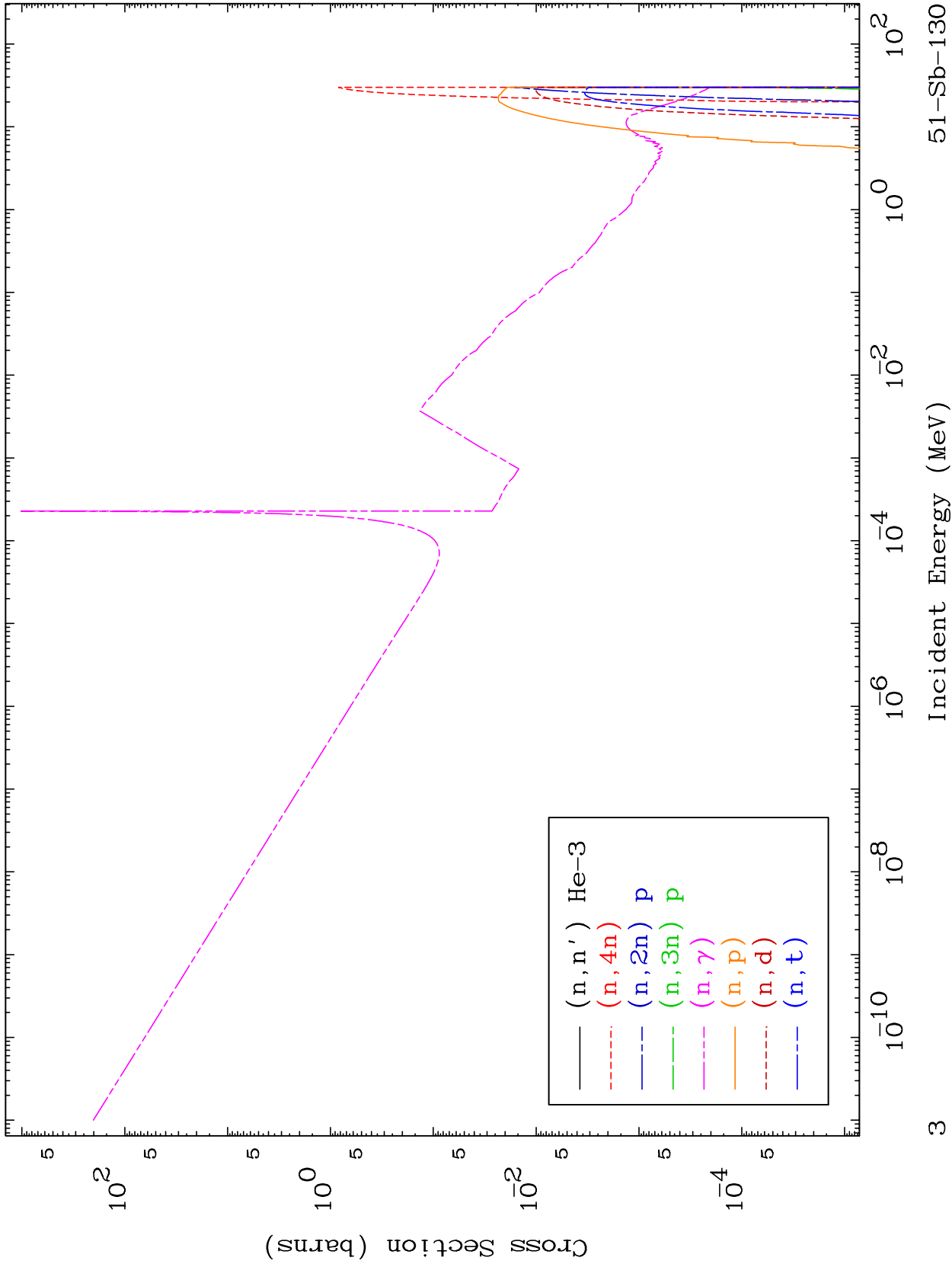
MAT 5152

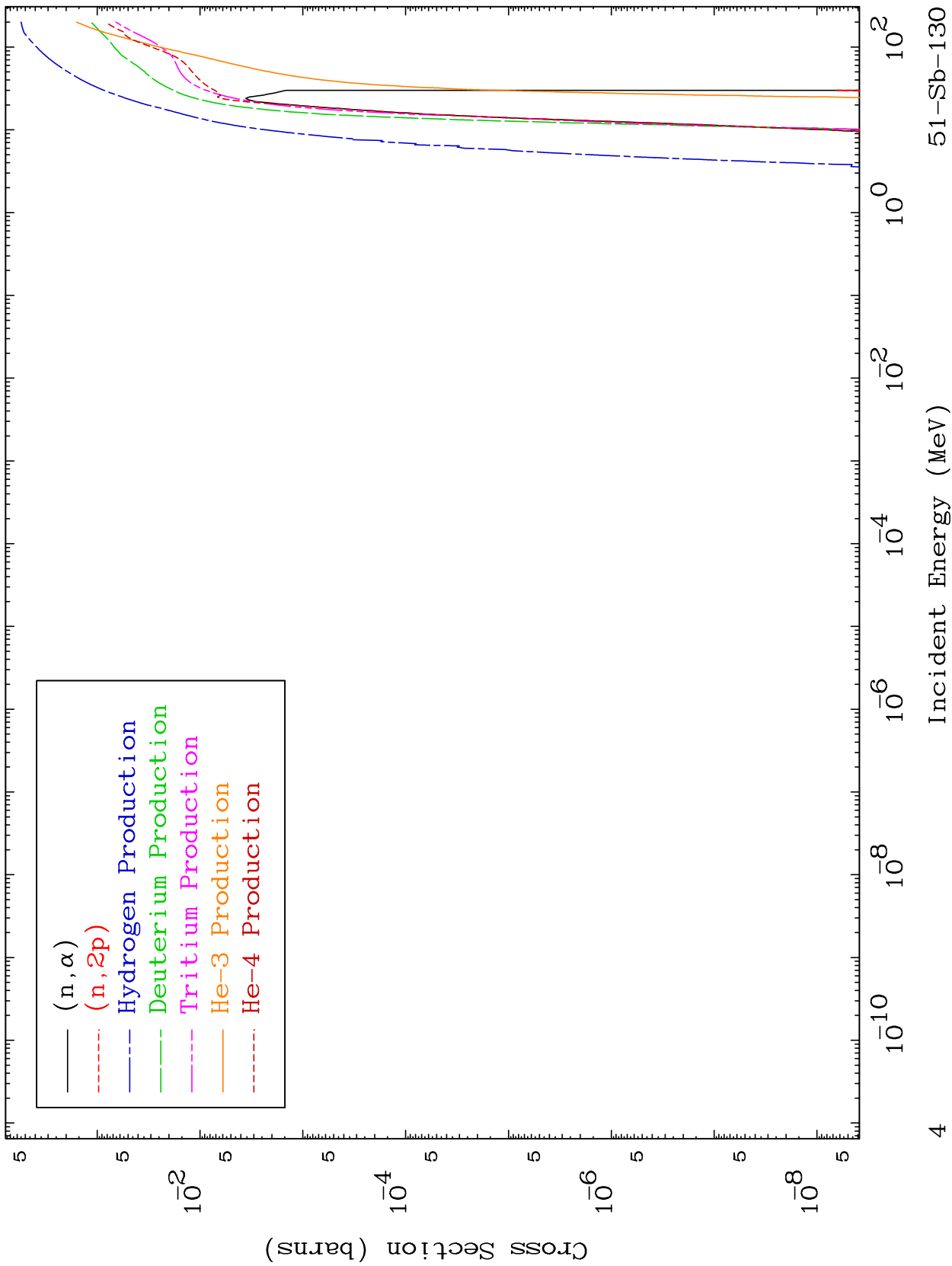
Neutron Major
293 Kelvin Cross Sections

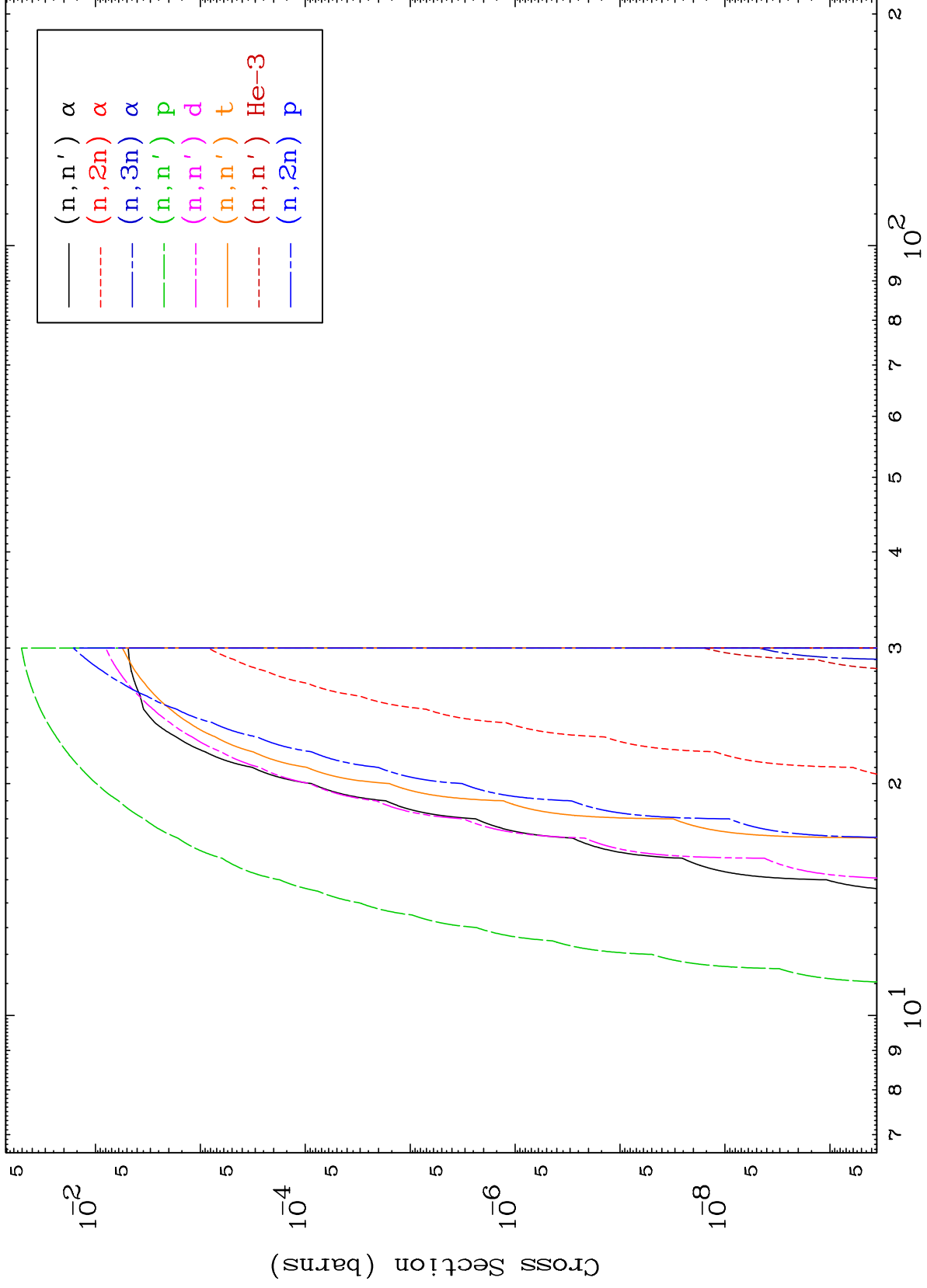
51-Sb-130







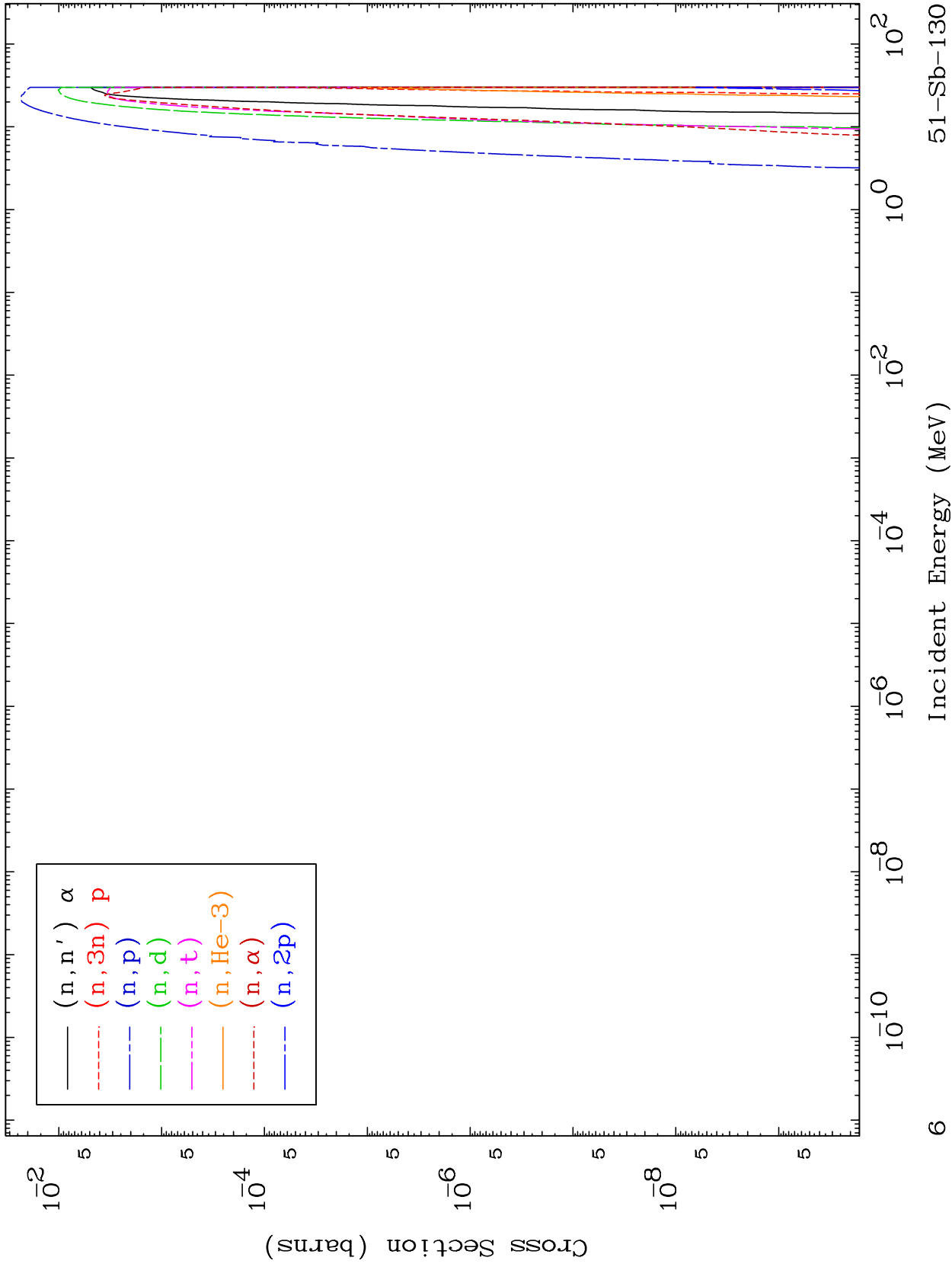


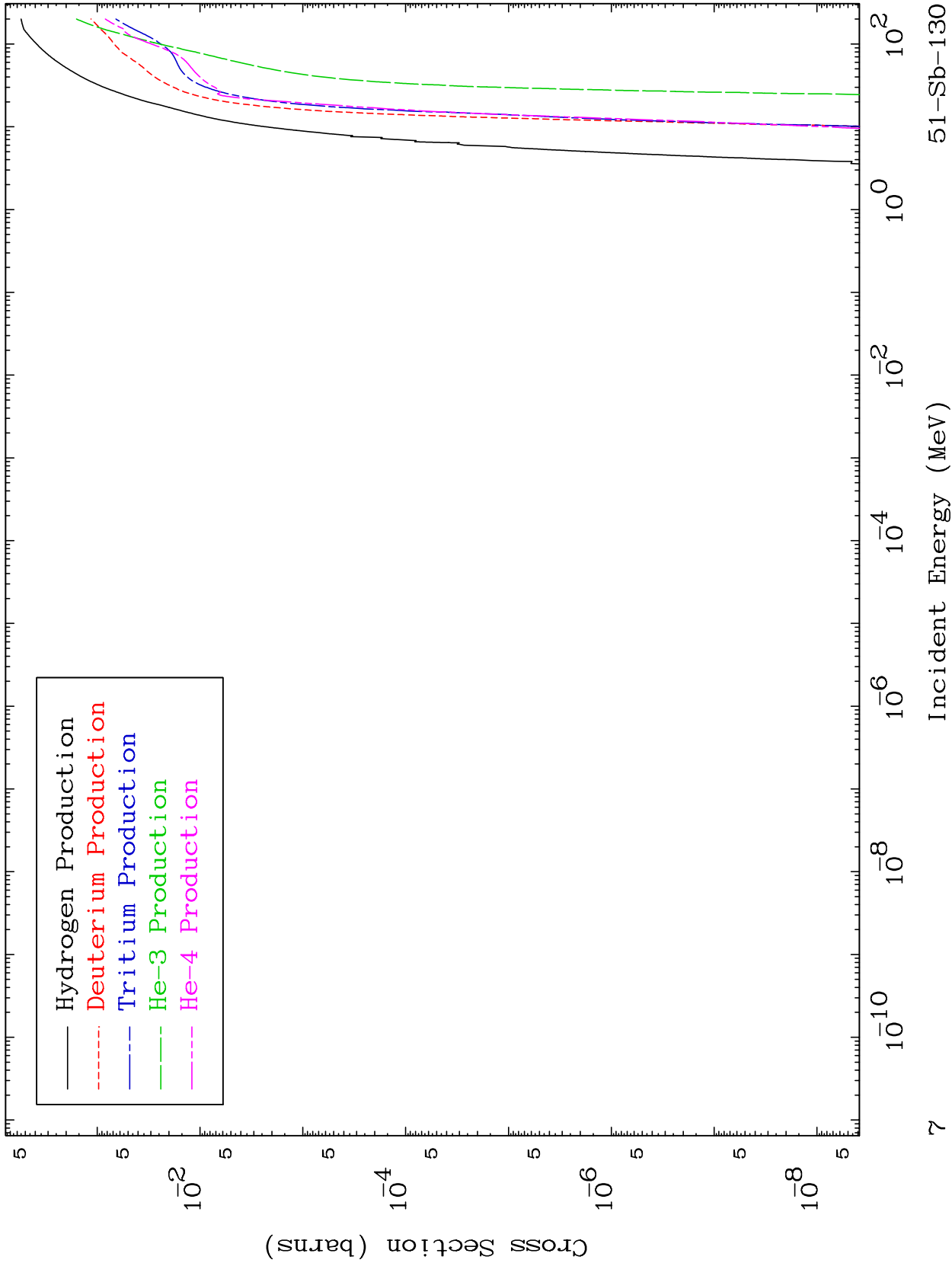


MAT 5152

Charged Particle
293 Kelvin Cross Sections

51-Sb-130

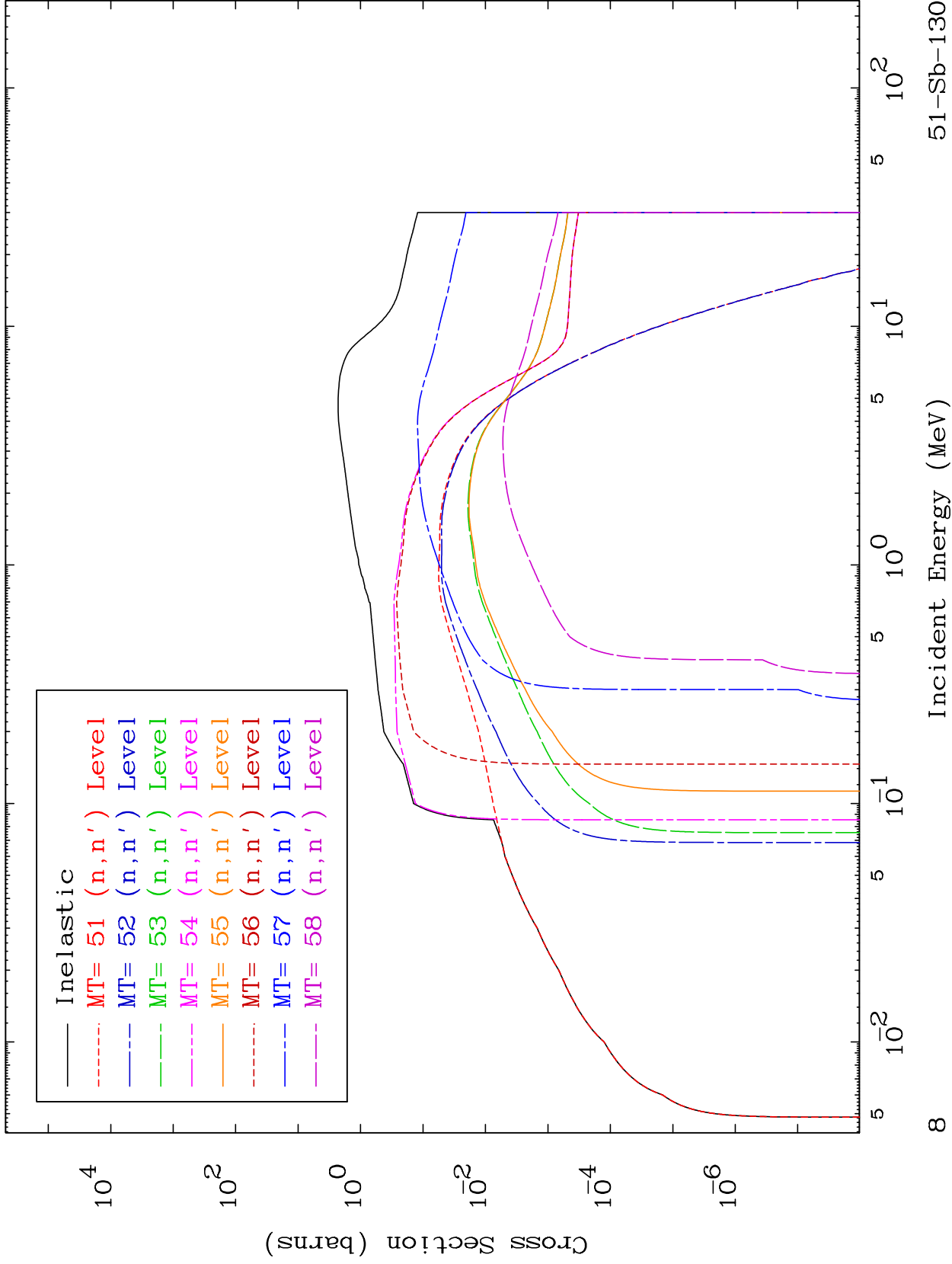




MAT 5152

(n,n') Levels
293 Kelvin Cross Sections

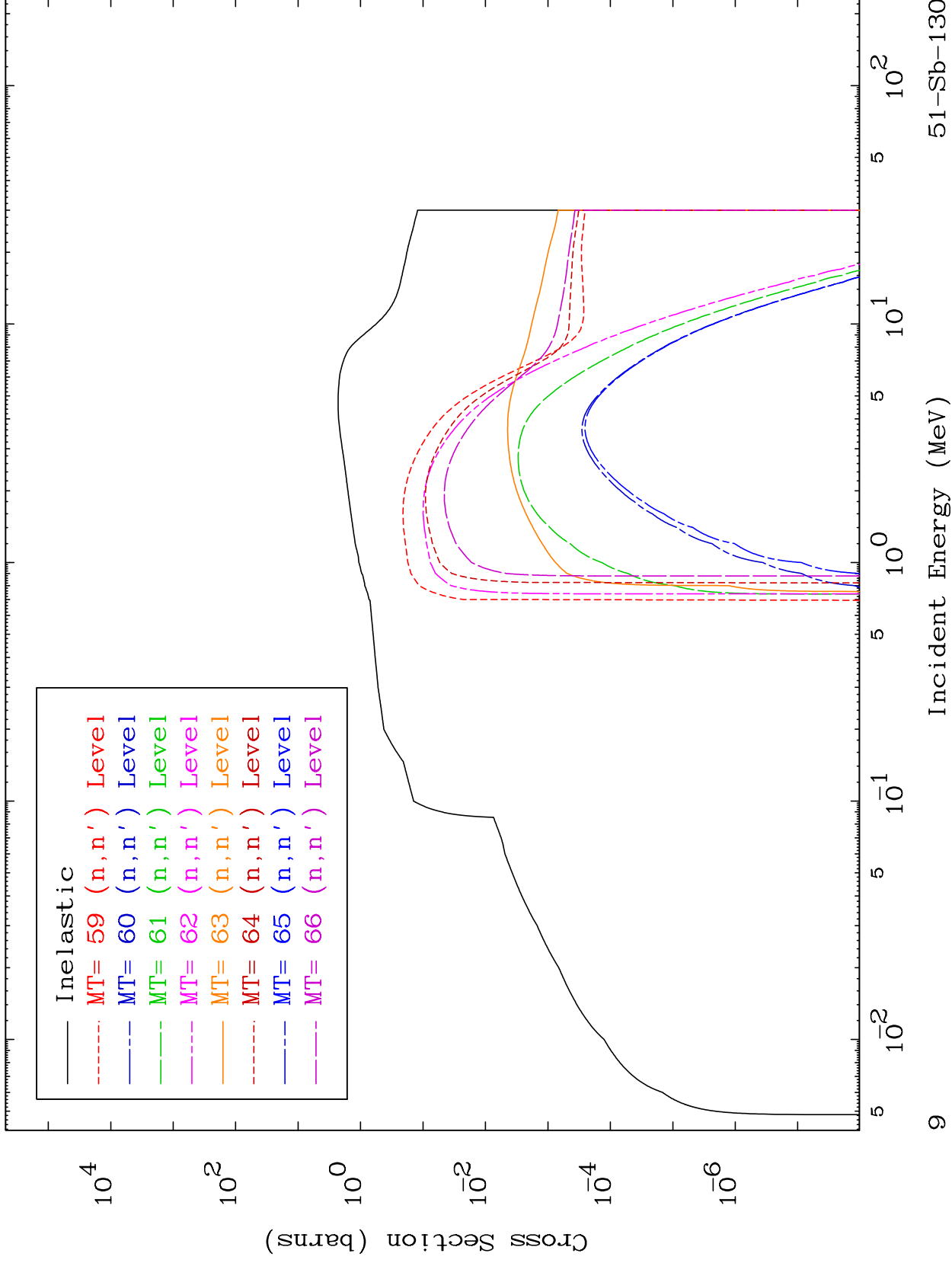
51-Sb-130



MAT 5152

(n,n') Levels
293 Kelvin Cross Sections

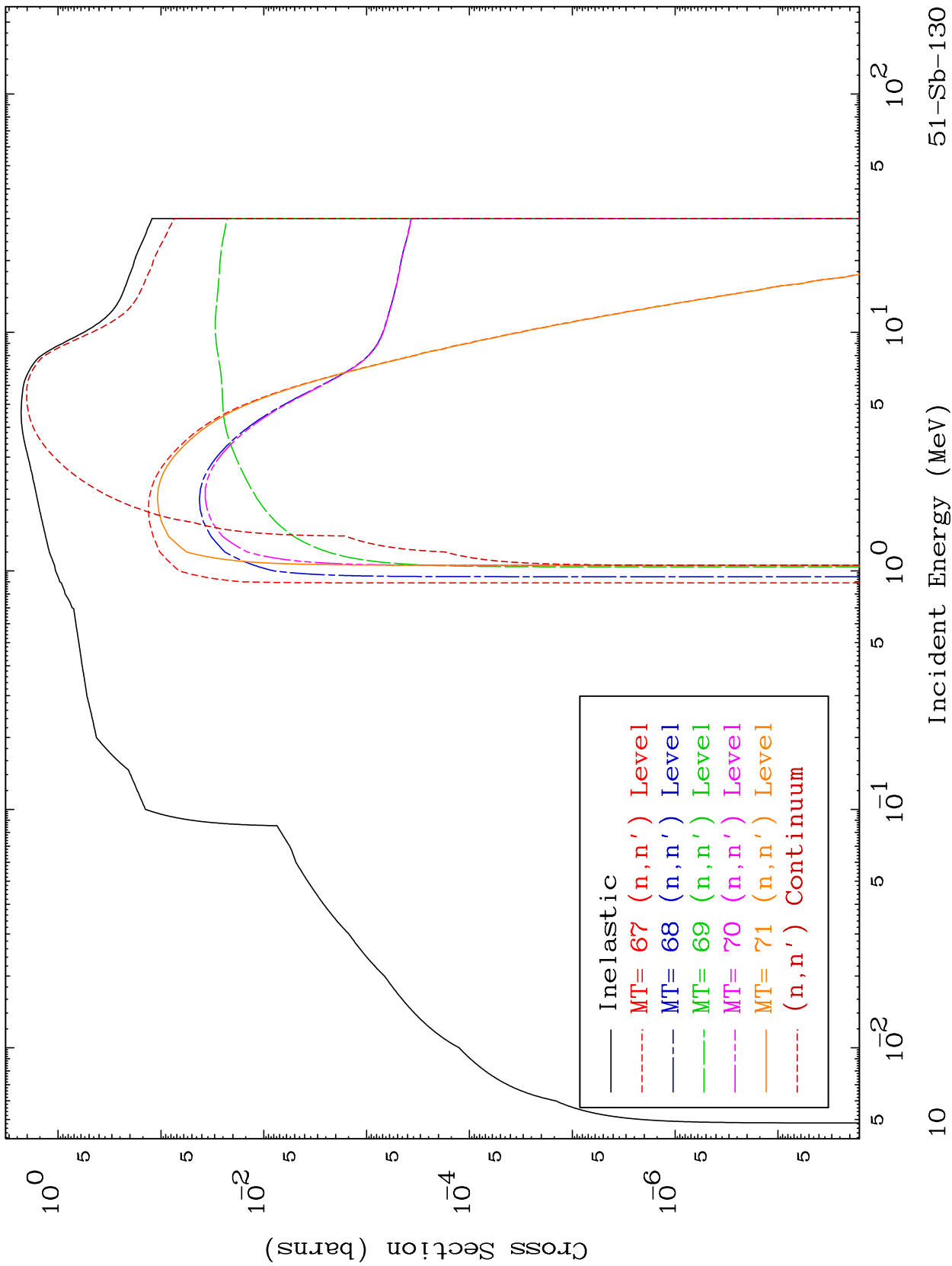
51-Sb-130



MAT 5152

51-Sb-130

293 Kelvin Cross Sections
(n,n') Levels



51-Sb-130

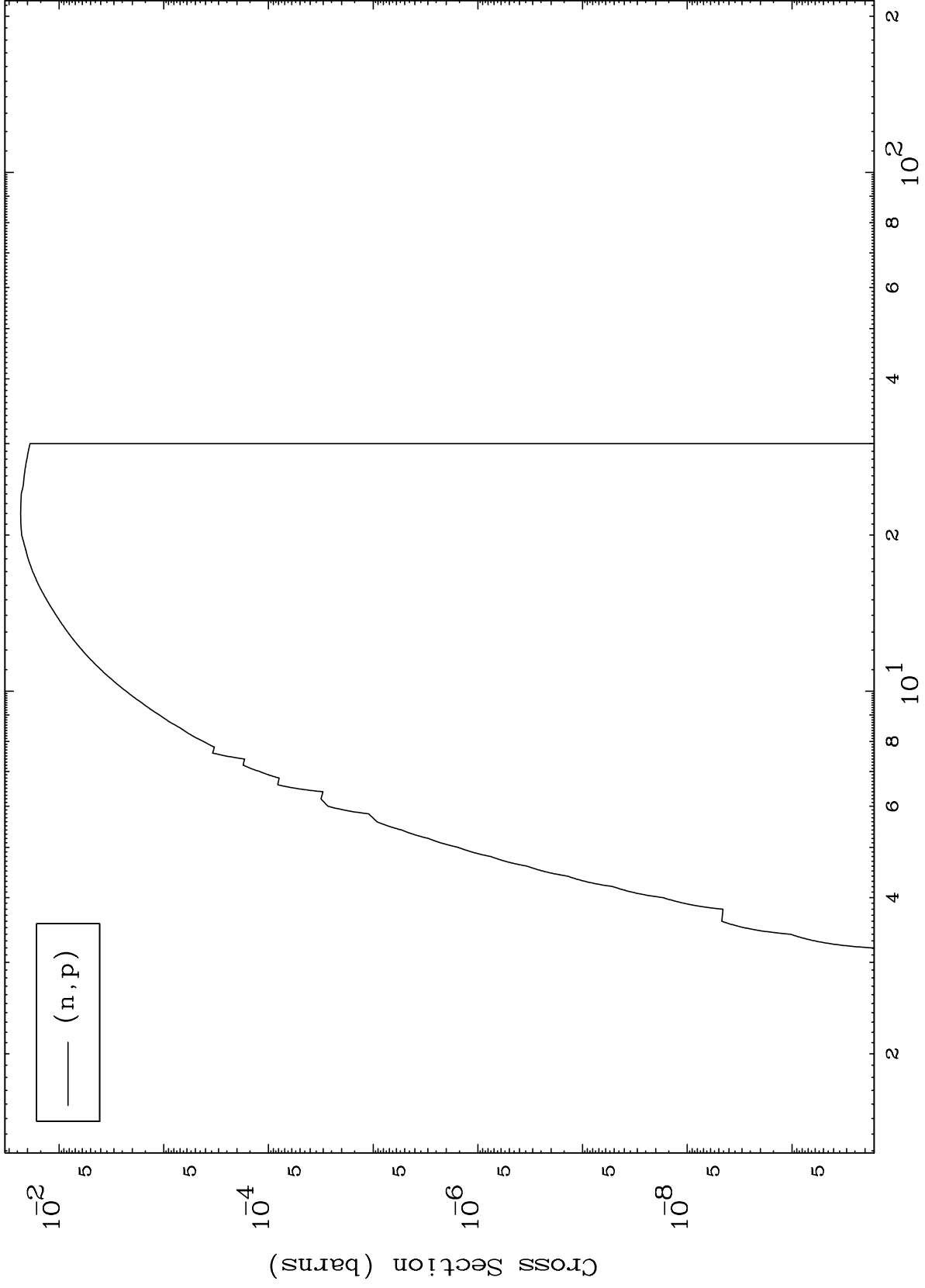
Incident Energy (MeV)

10

MAT 5152

(n,p) Levels
293 Kelvin Cross Sections

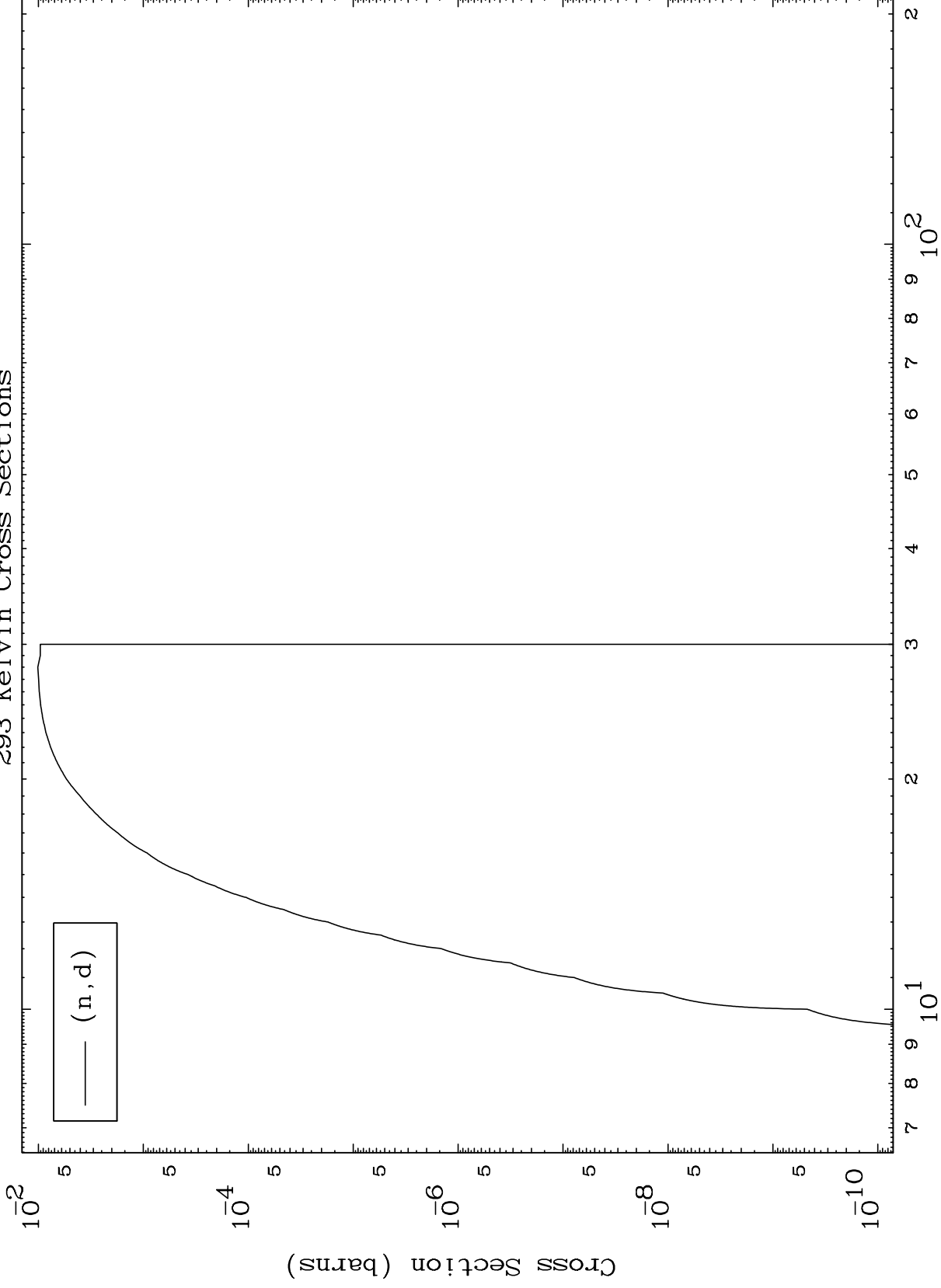
51-Sb-130



MAT 5152

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-130



12

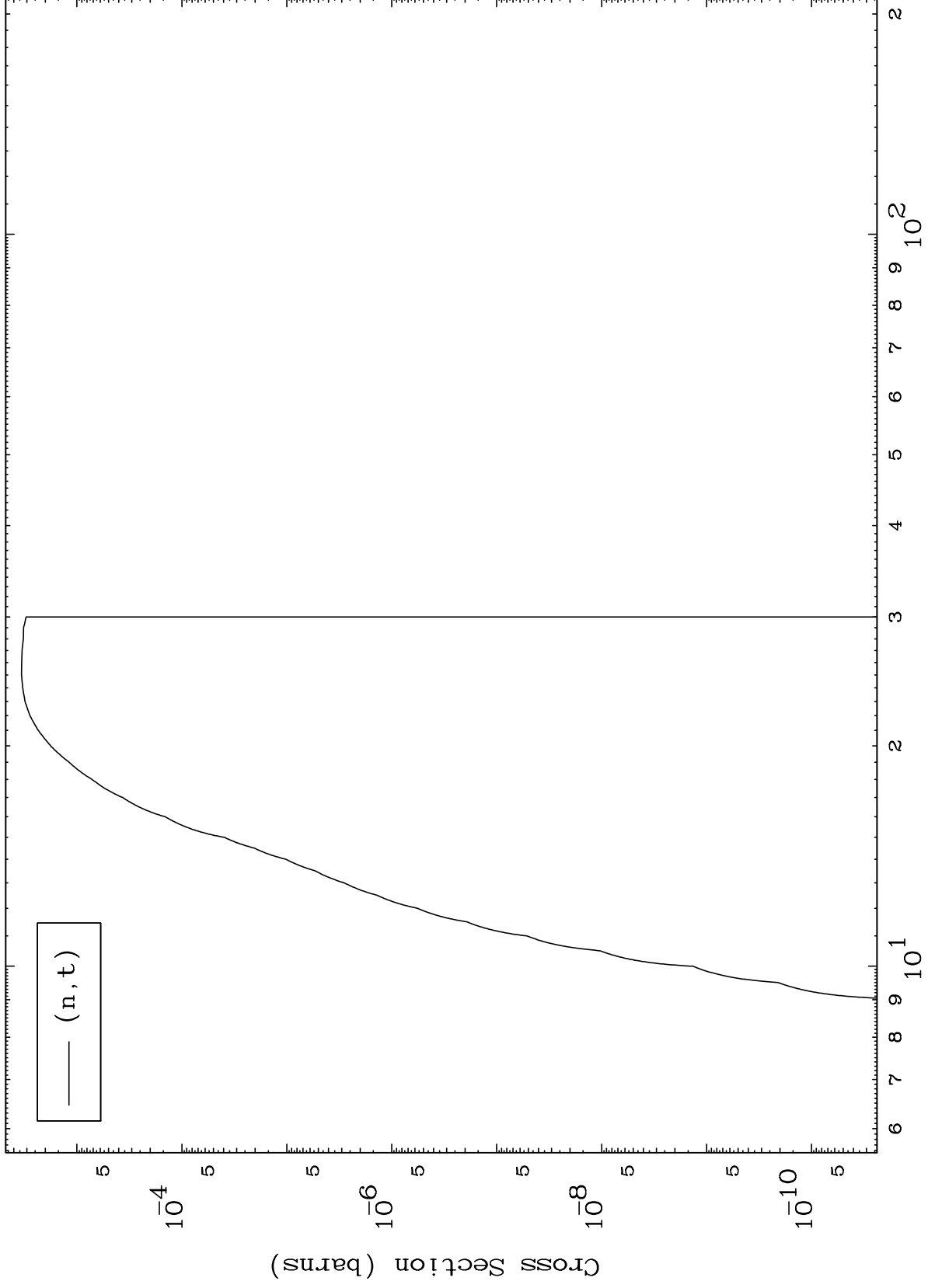
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-130



13

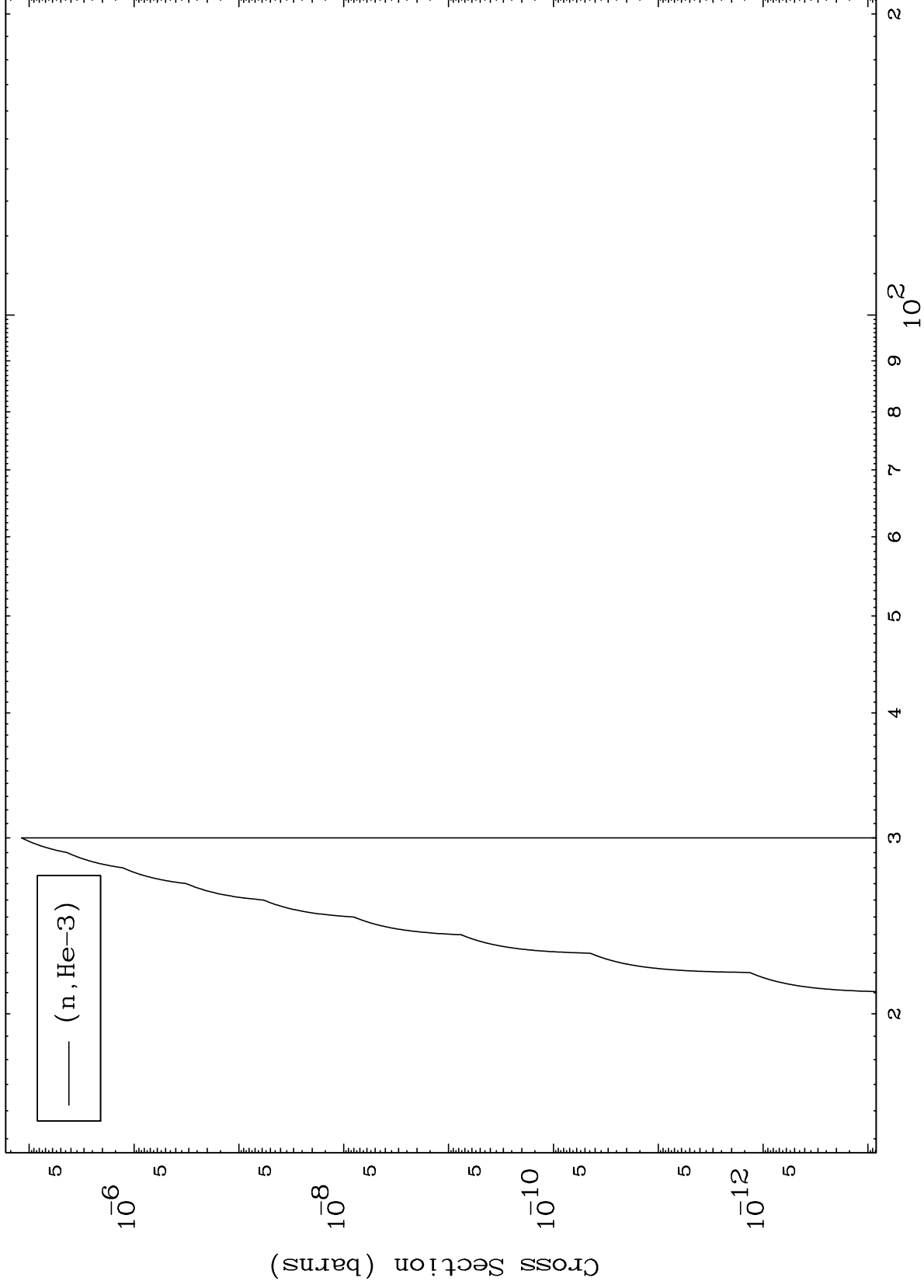
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-130



14

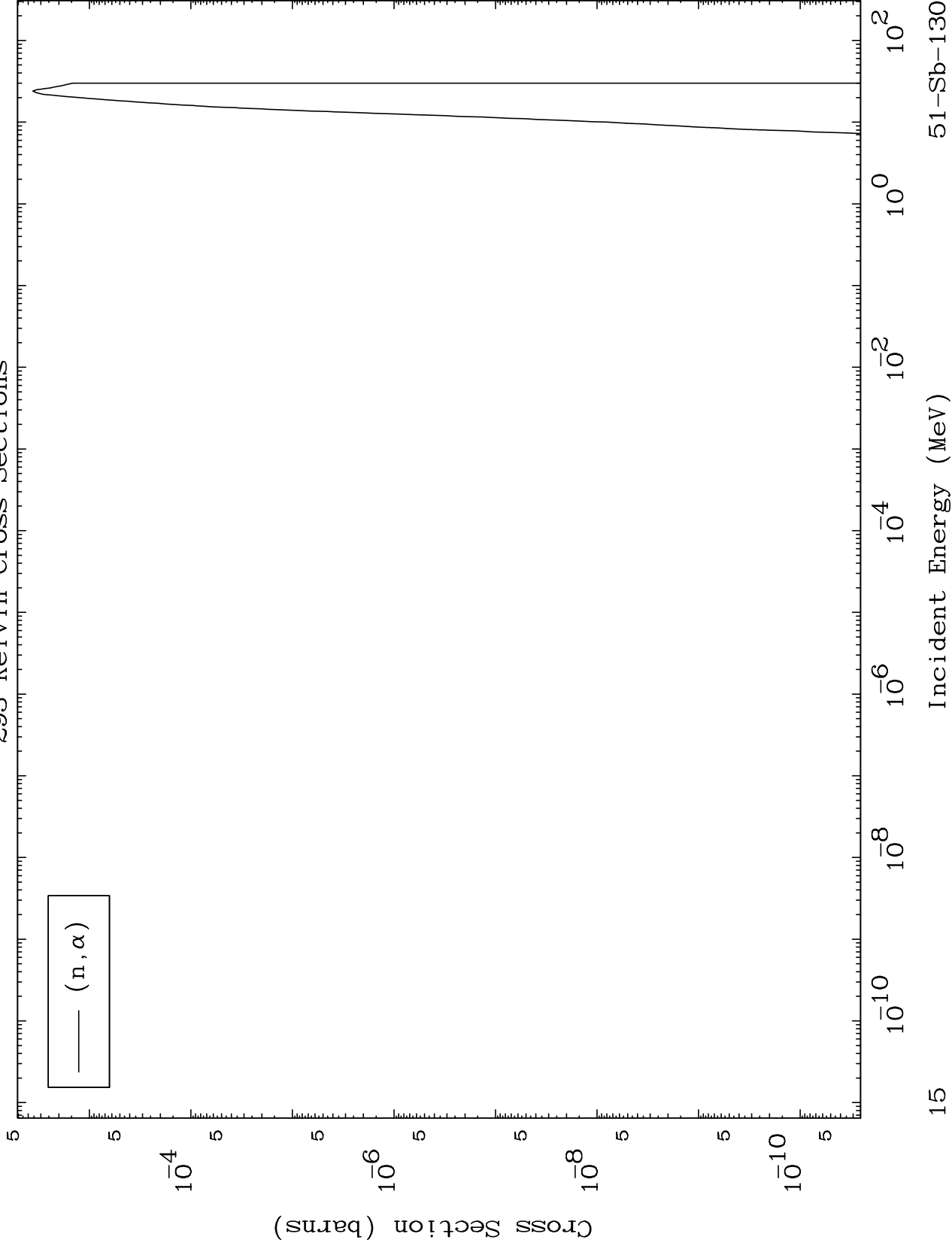
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-130

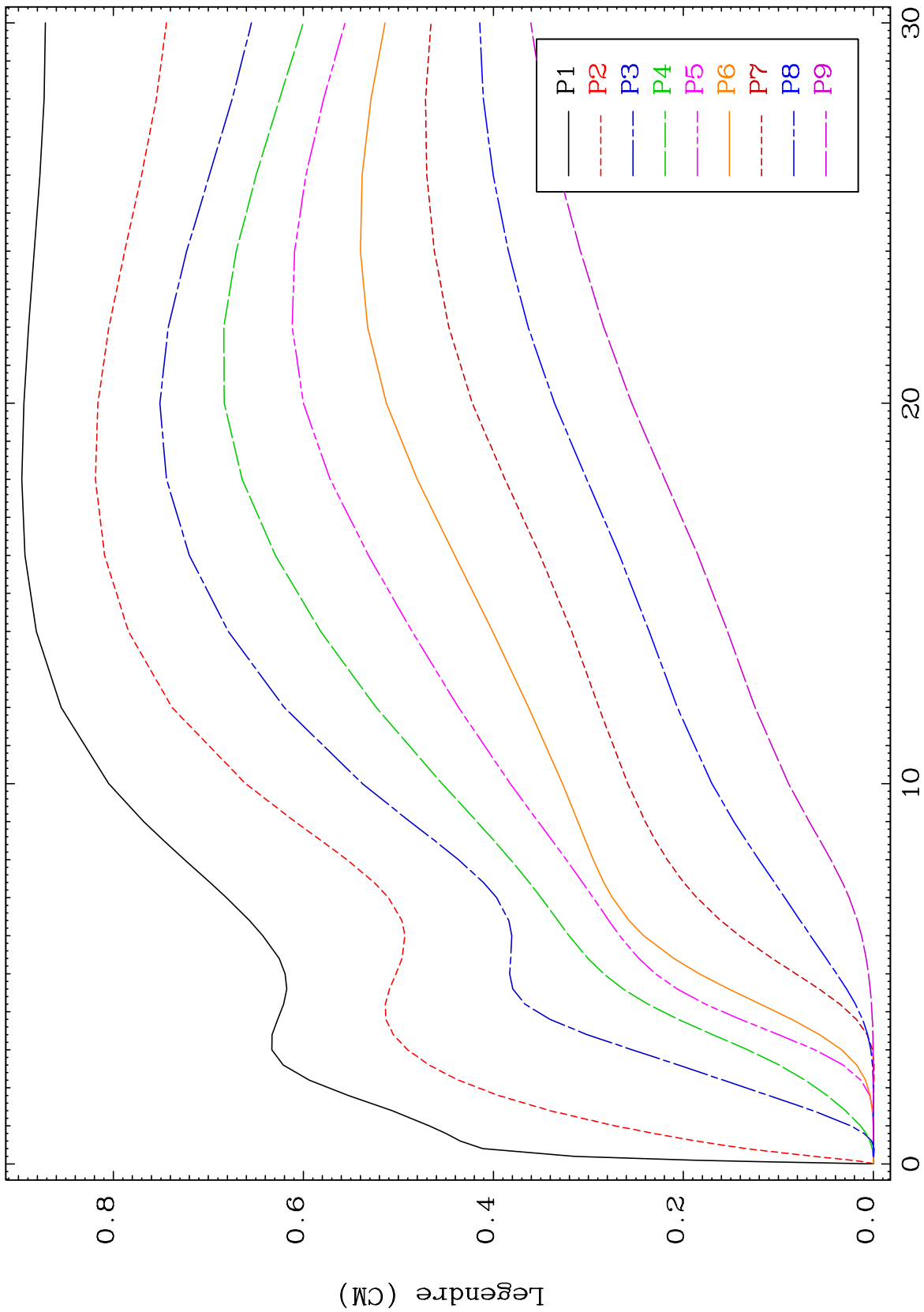


15

MAT 5152

51-Sb-130

Elastic Legendre Coefficients



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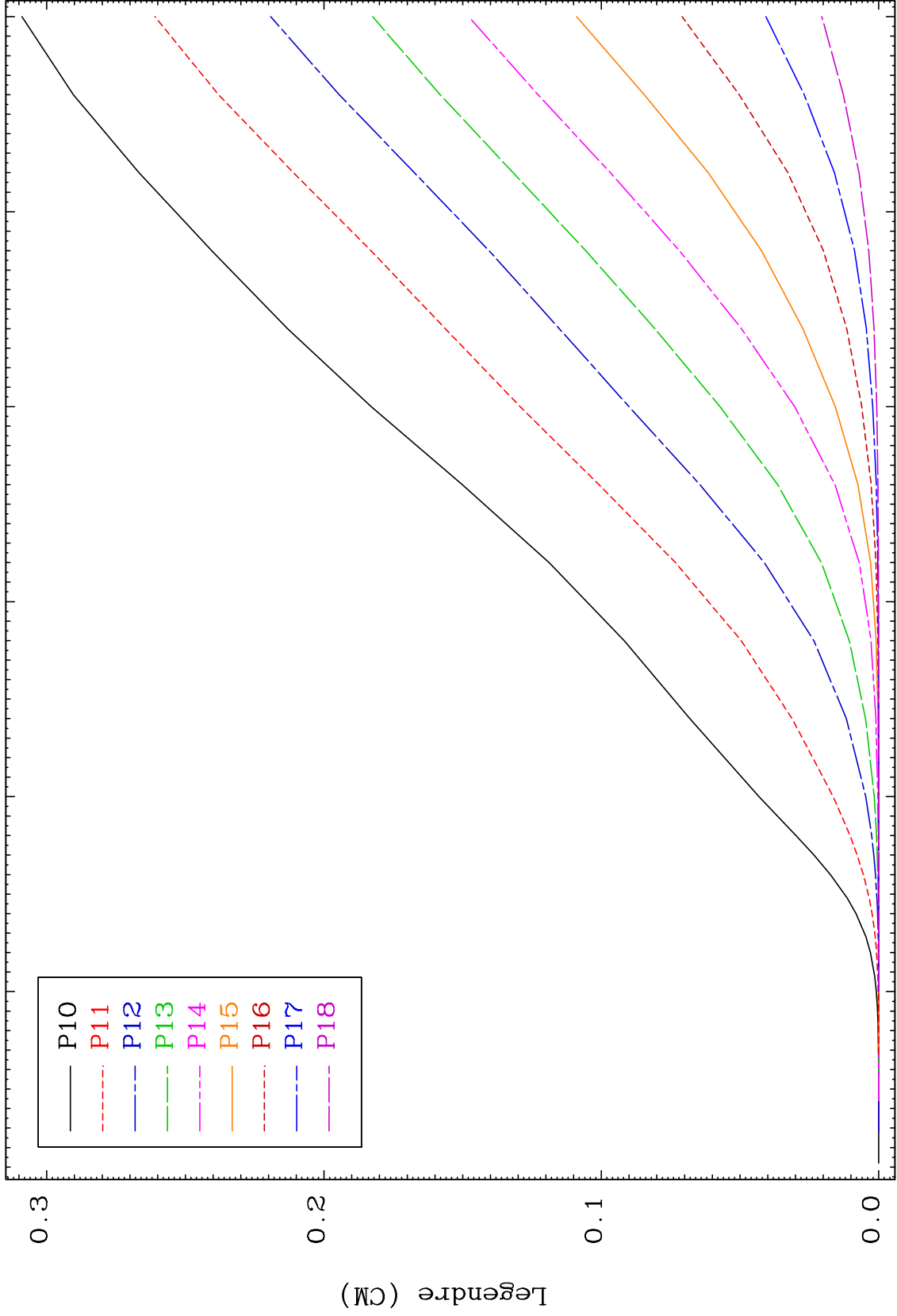
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

51-Sb-130



17

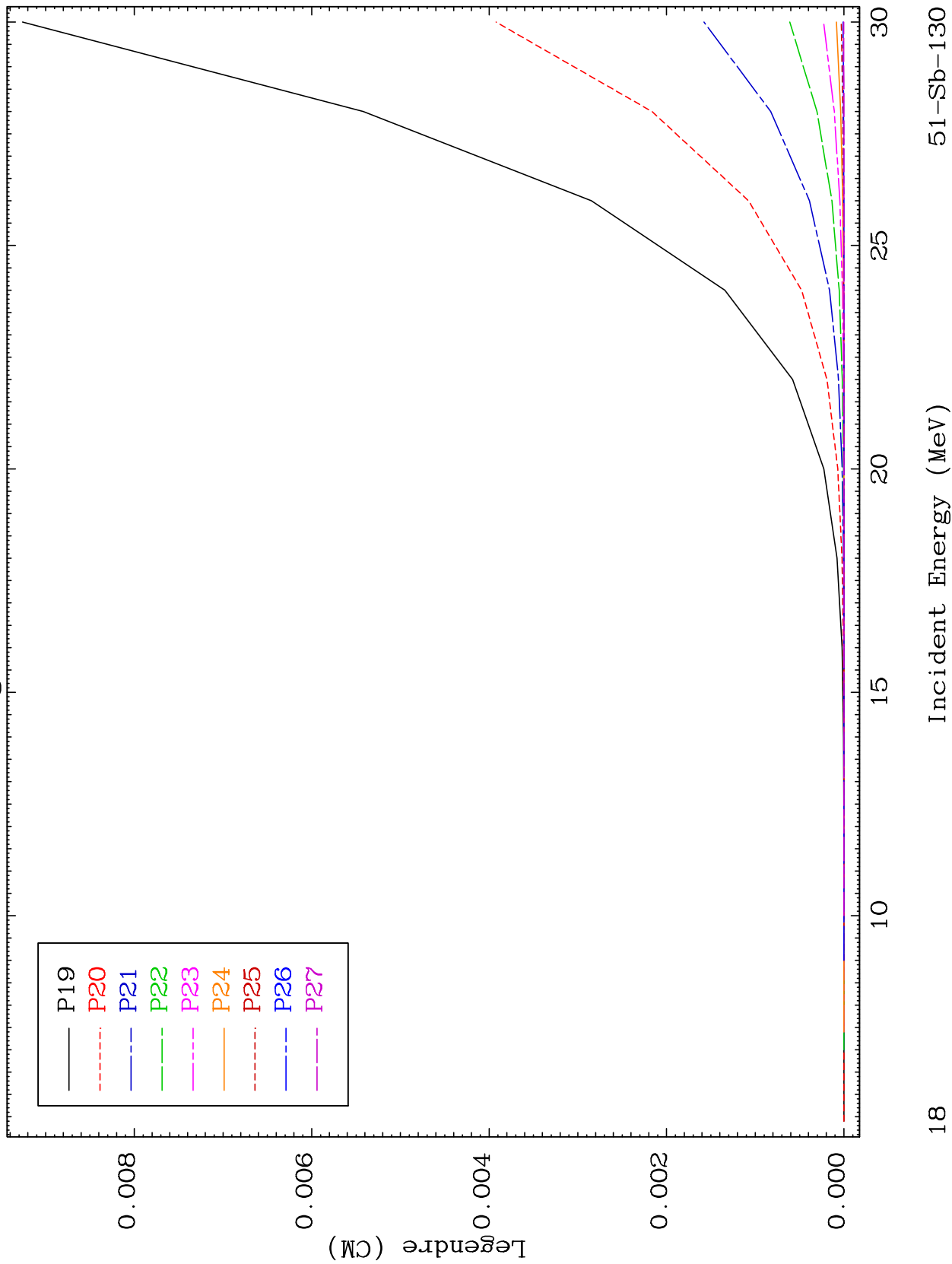
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

51-Sb-130



18

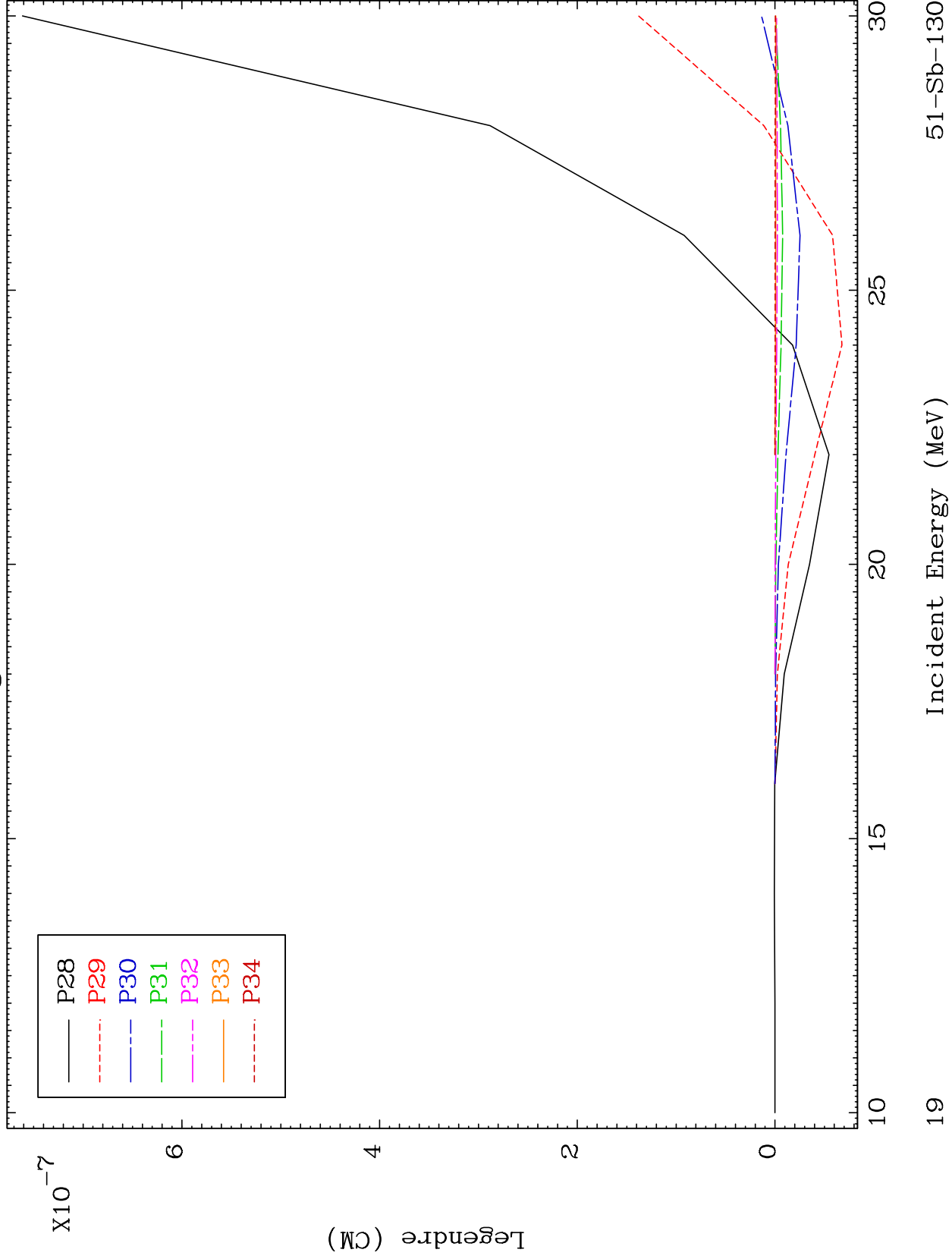
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

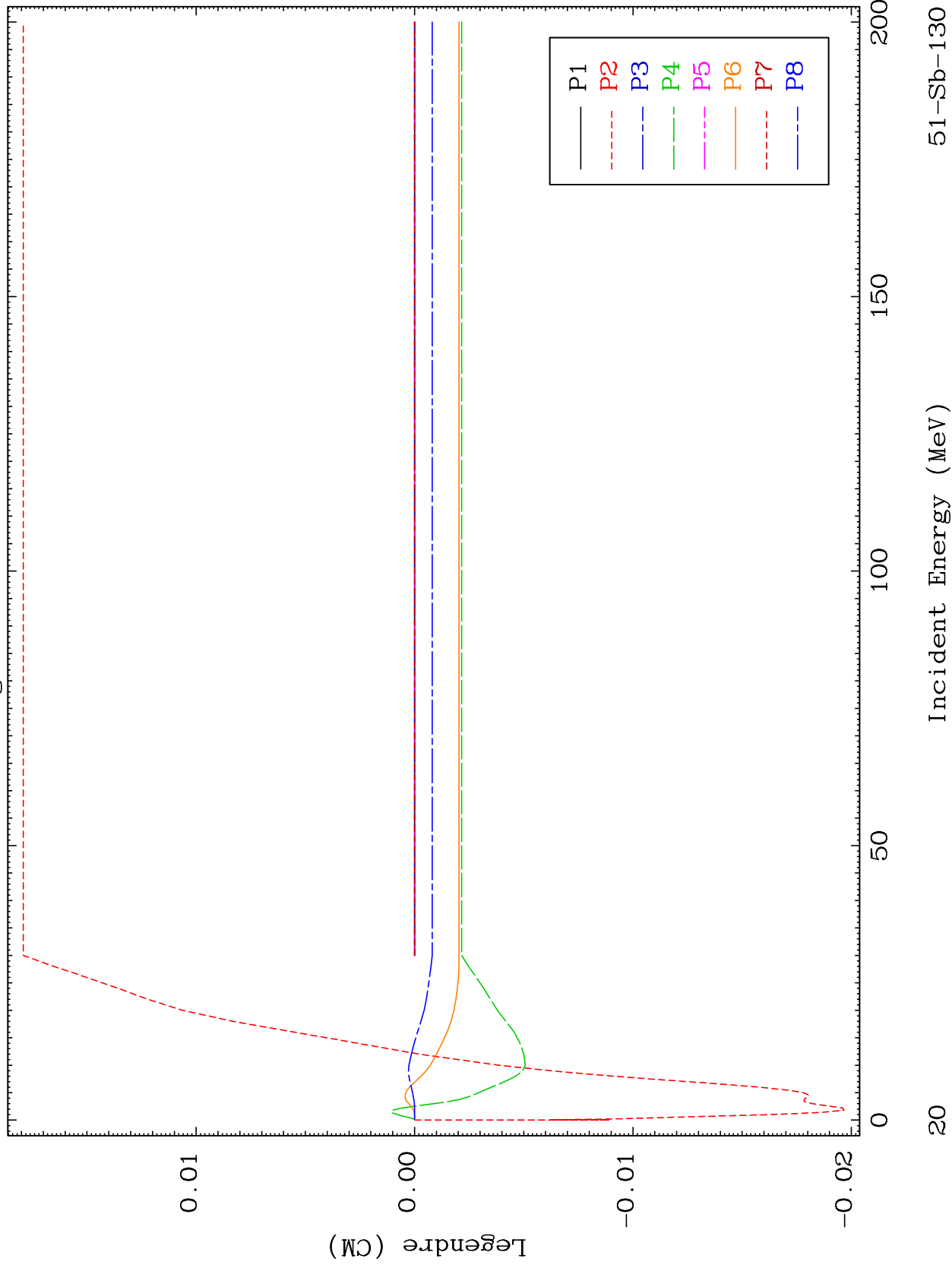
51-Sb-130



MAT 5152

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

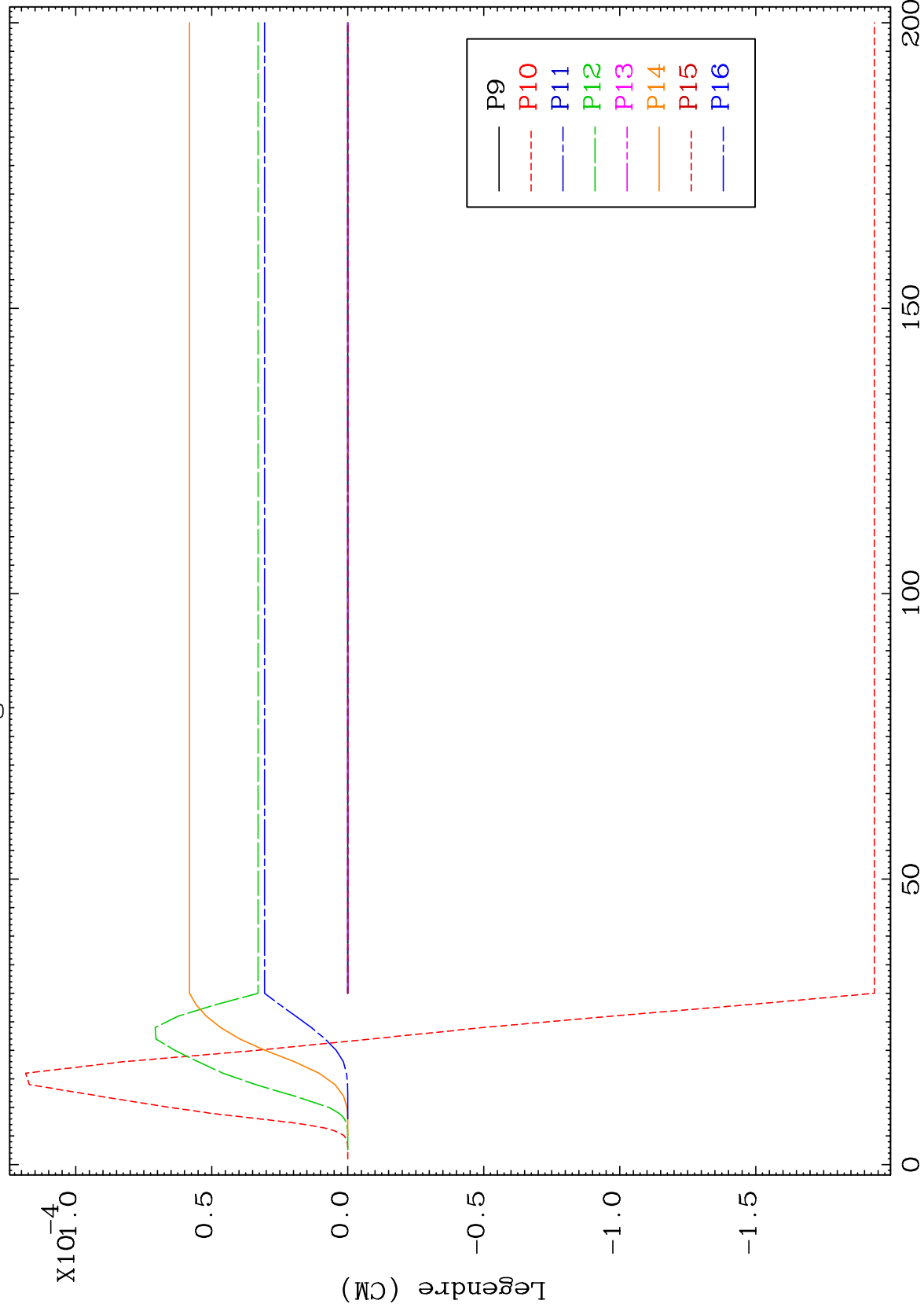
51-Sb-130



MAT 5152

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

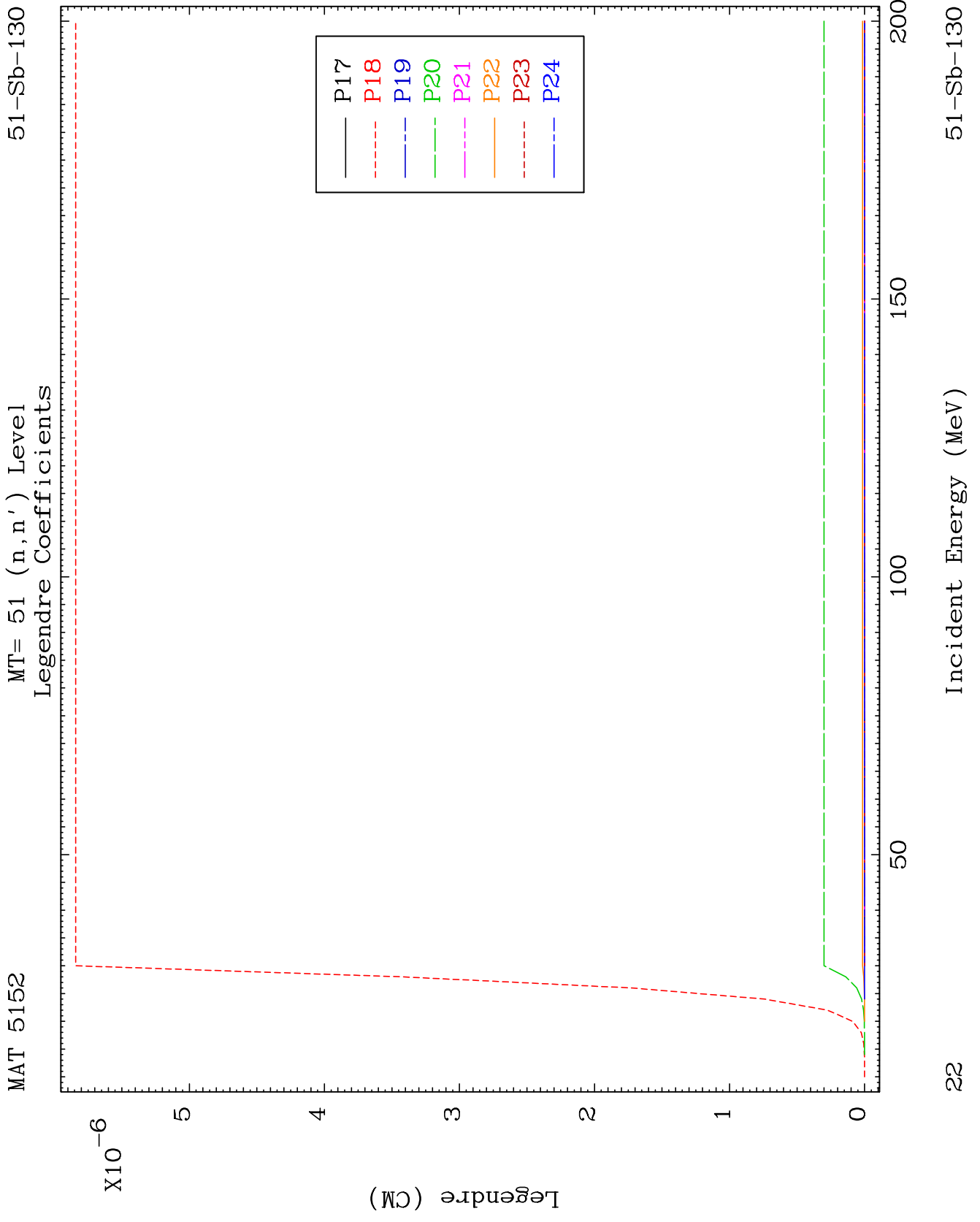
51-Sb-130



21

Incident Energy (MeV)

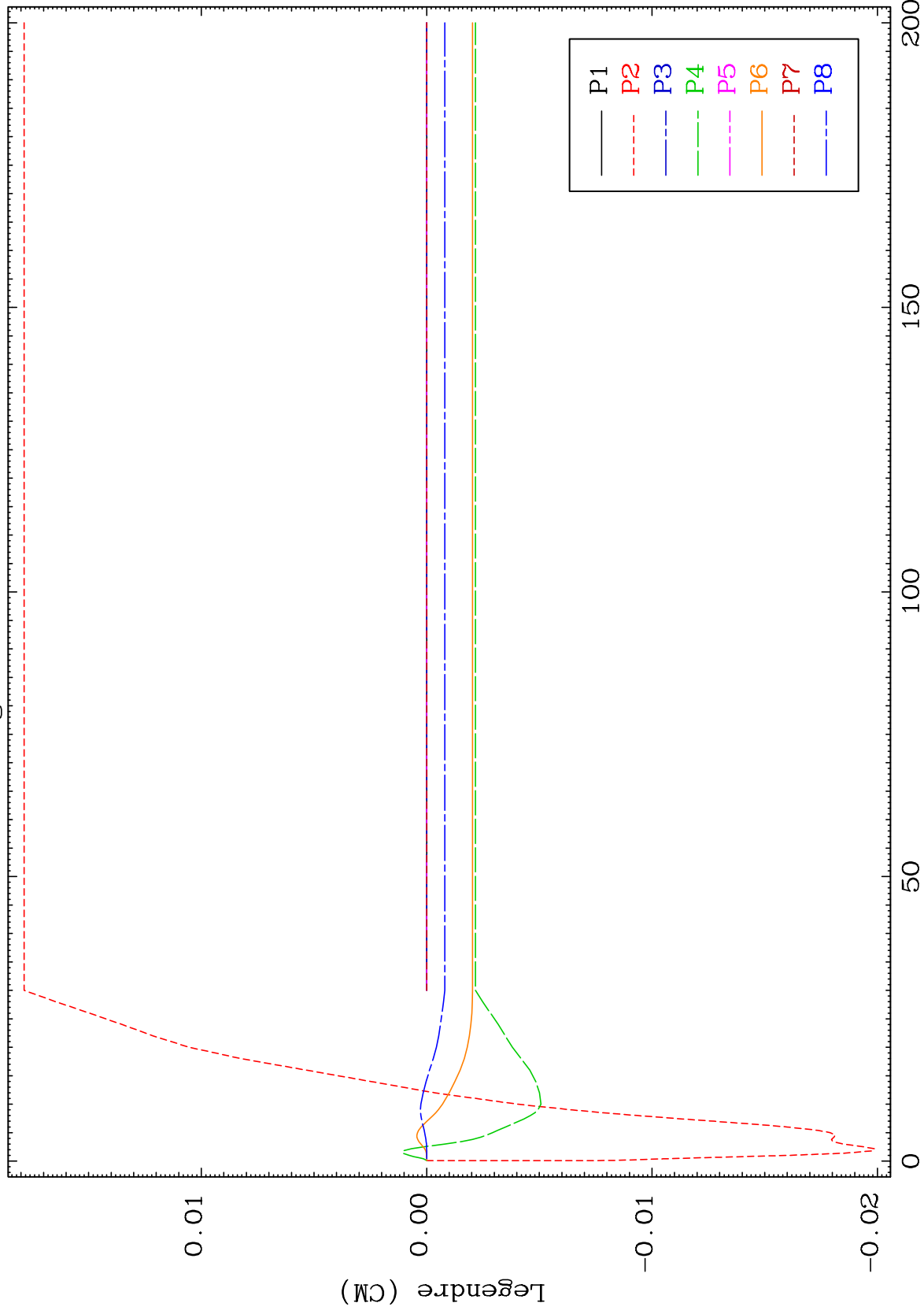
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

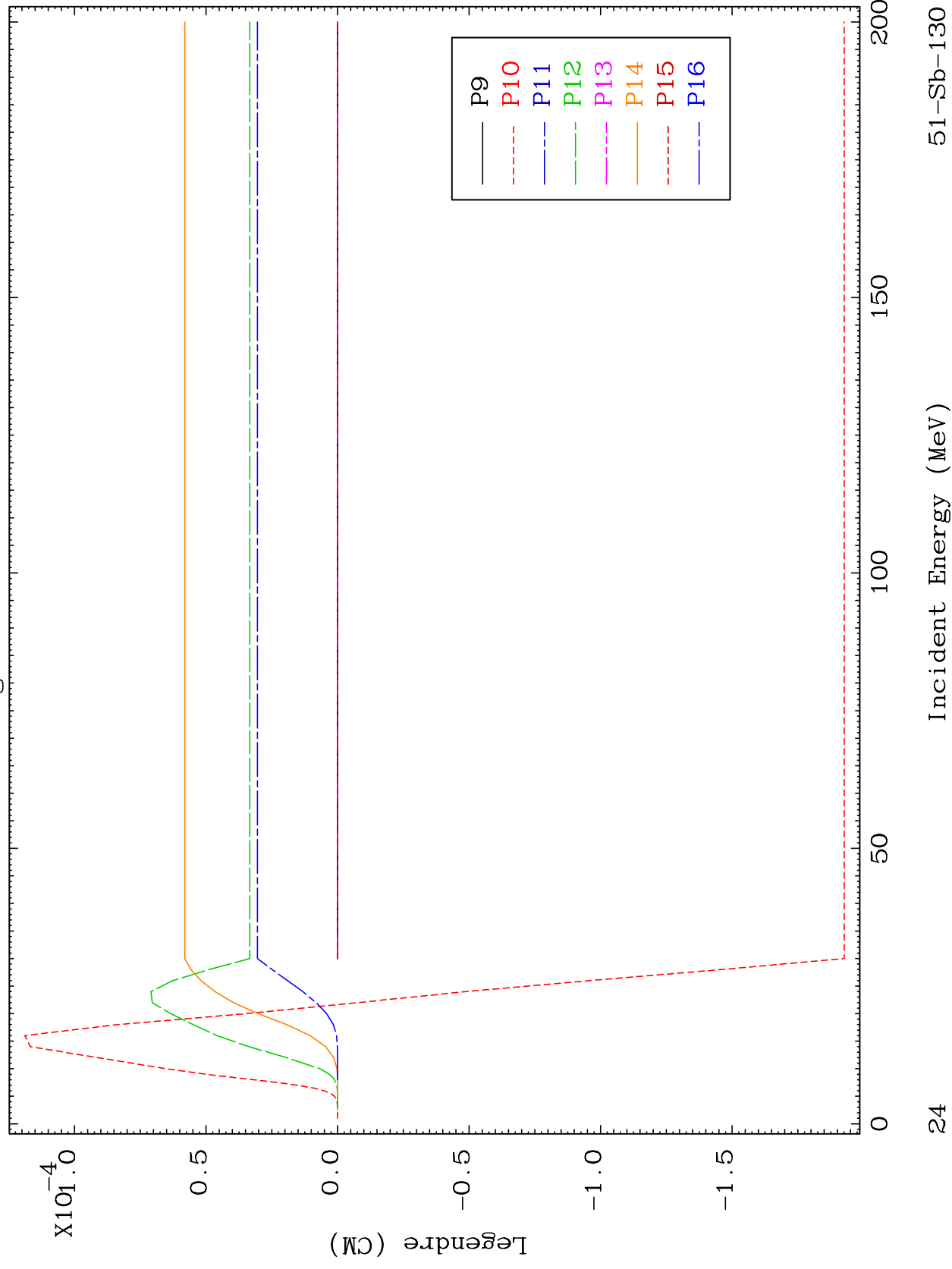
Incident Energy (MeV)

23

MAT 5152

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

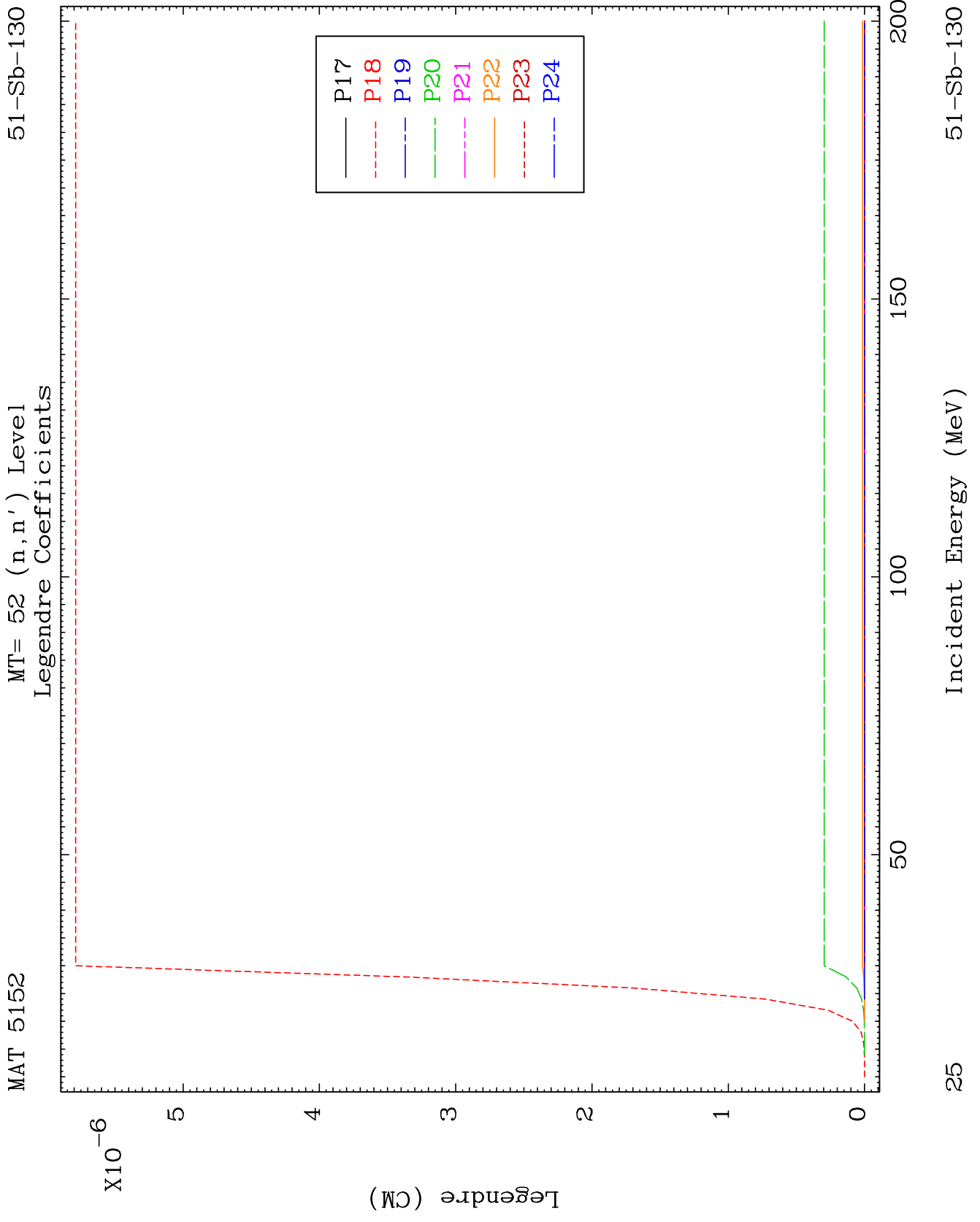
51-Sb-130



24

Incident Energy (MeV)

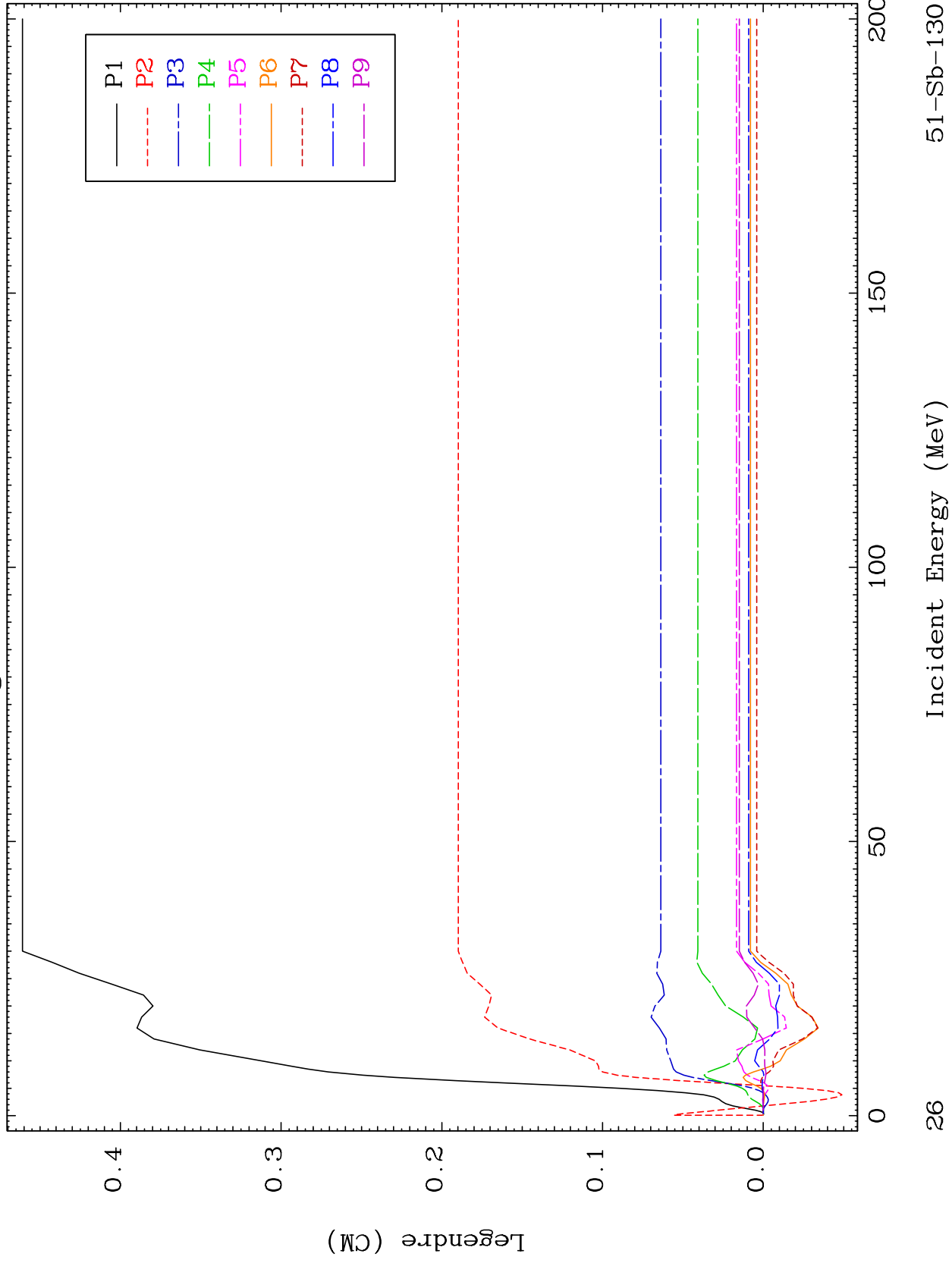
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

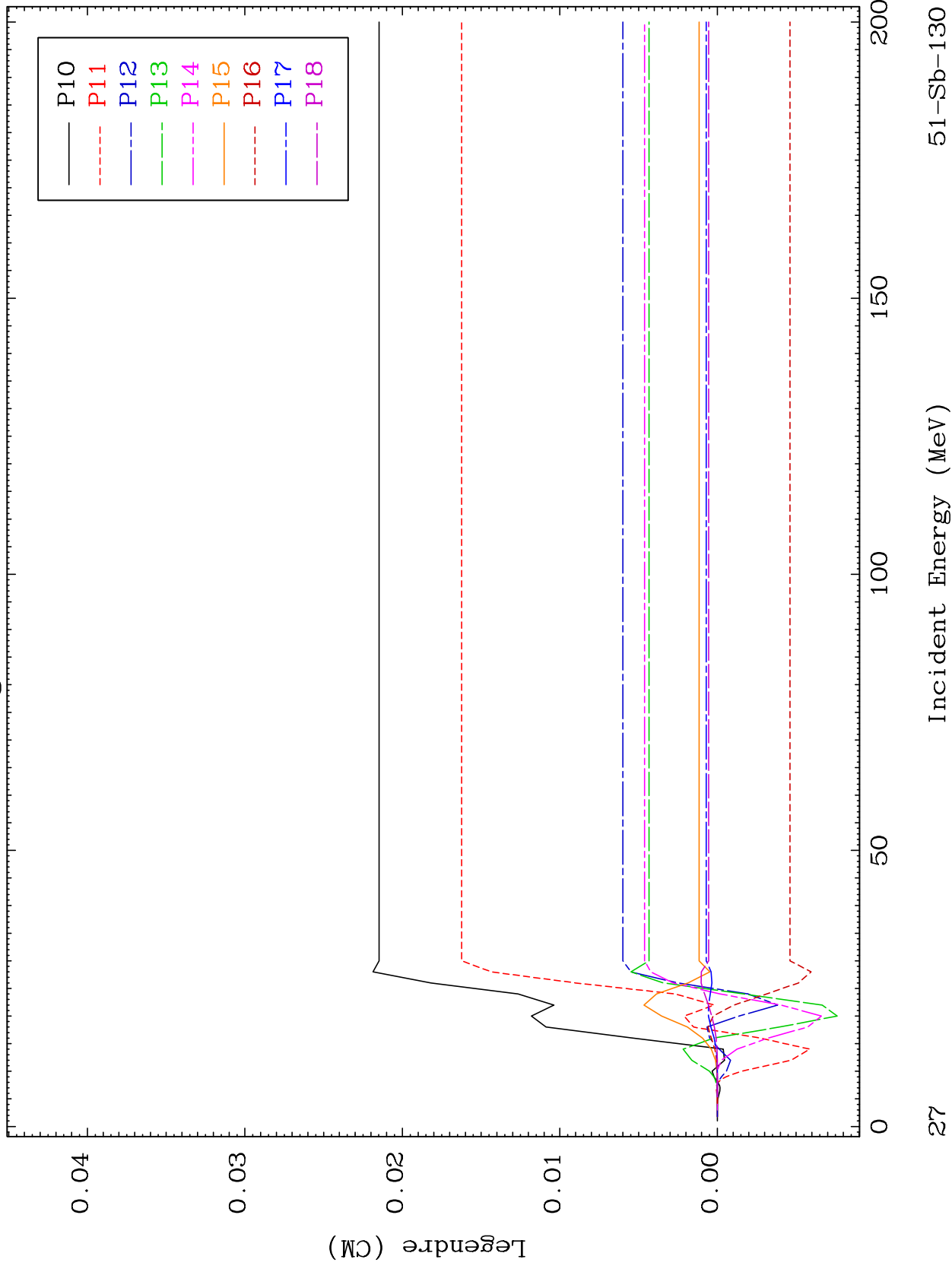
Incident Energy (MeV)

26

MAT 5152

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

51-Sb-130



27

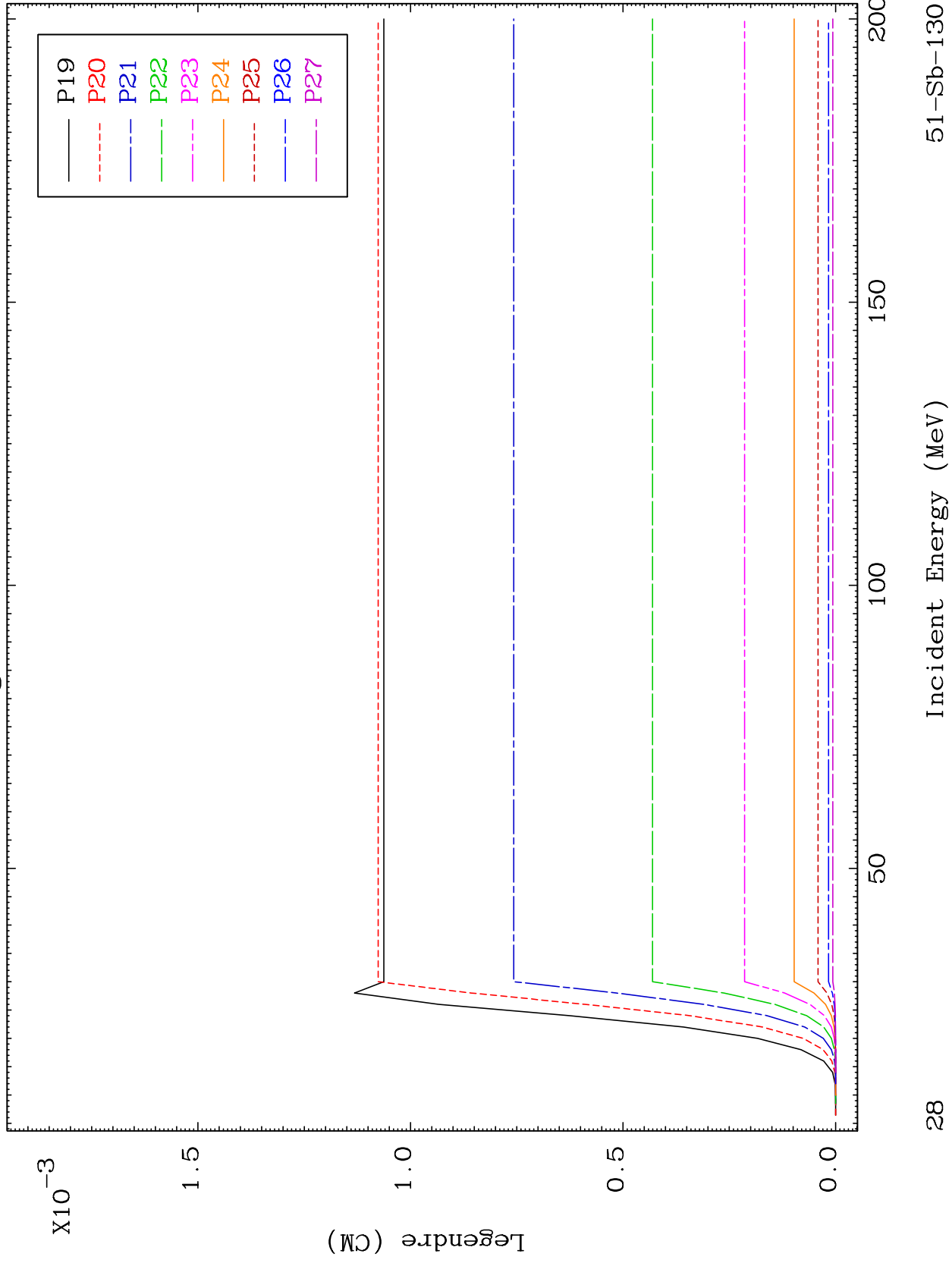
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



28

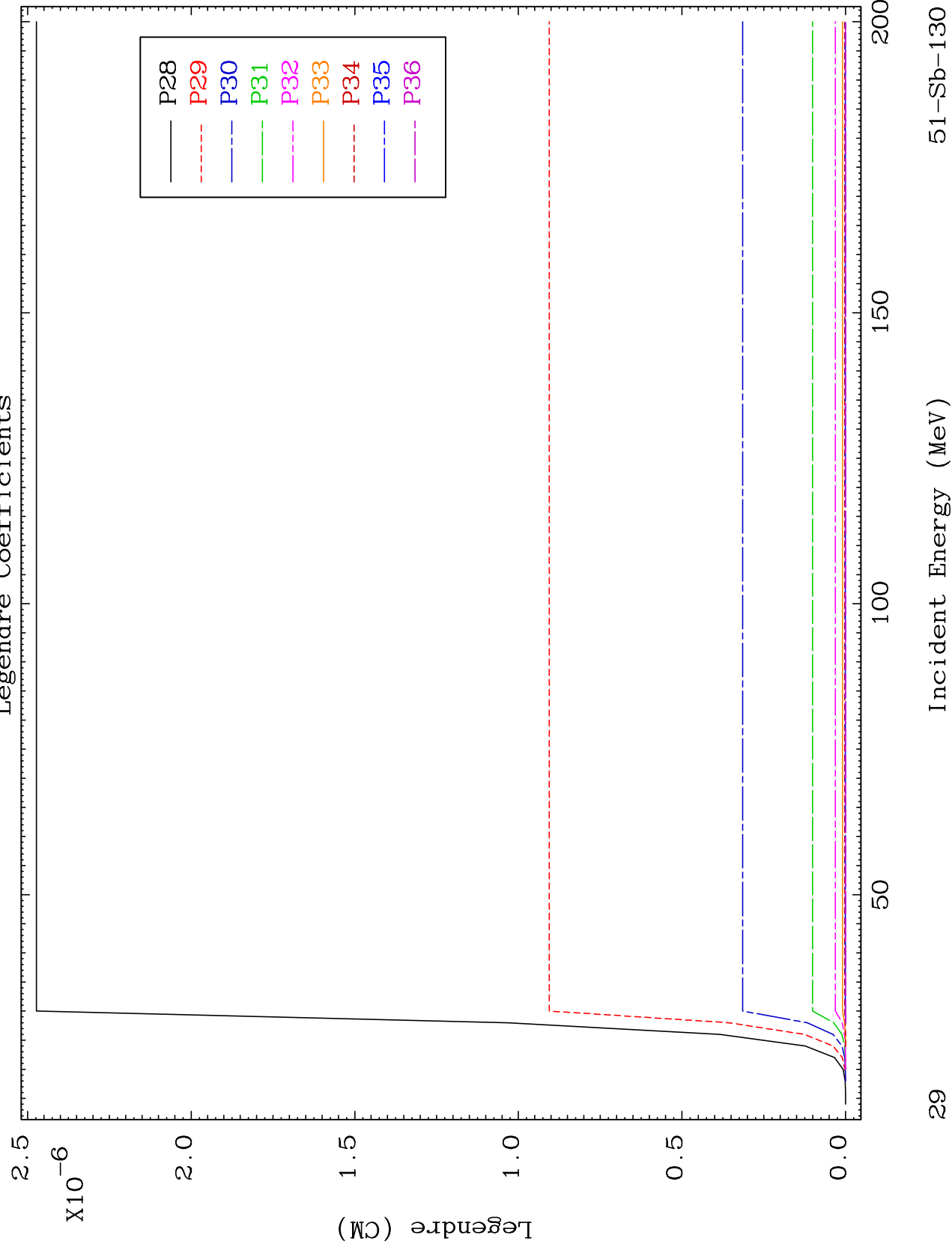
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



29

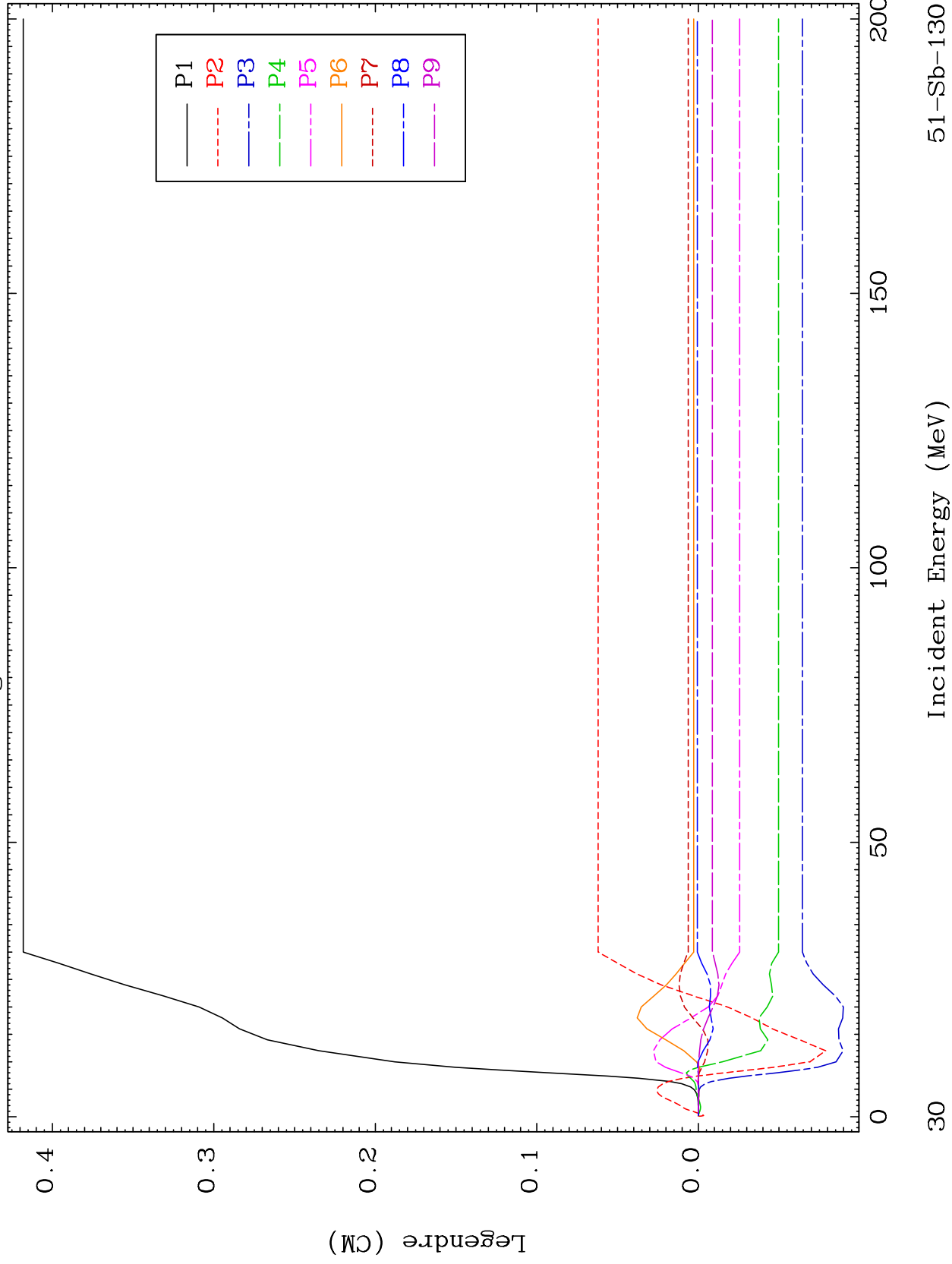
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

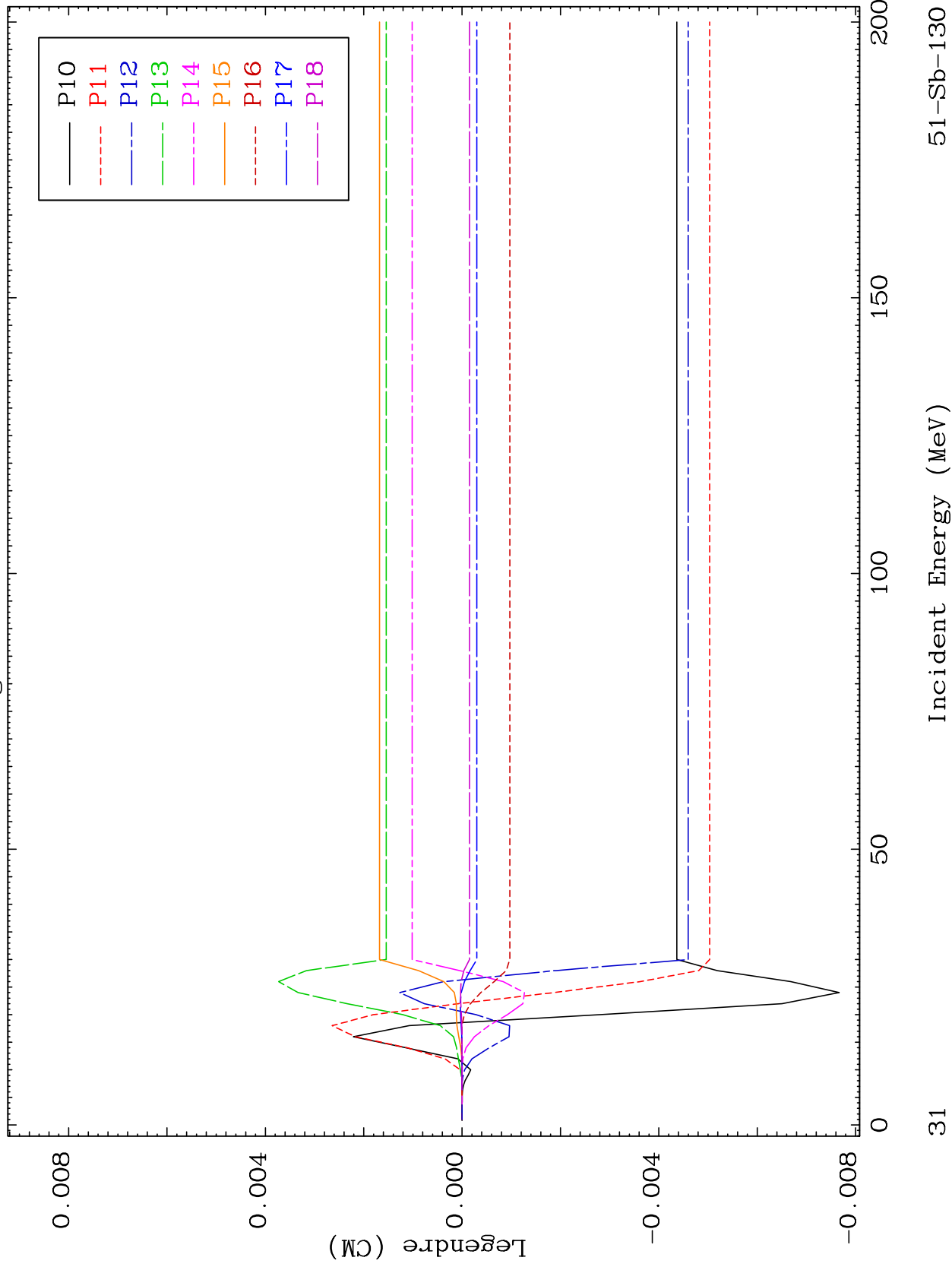
51-Sb-130



MAT 5152

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

51-Sb-130



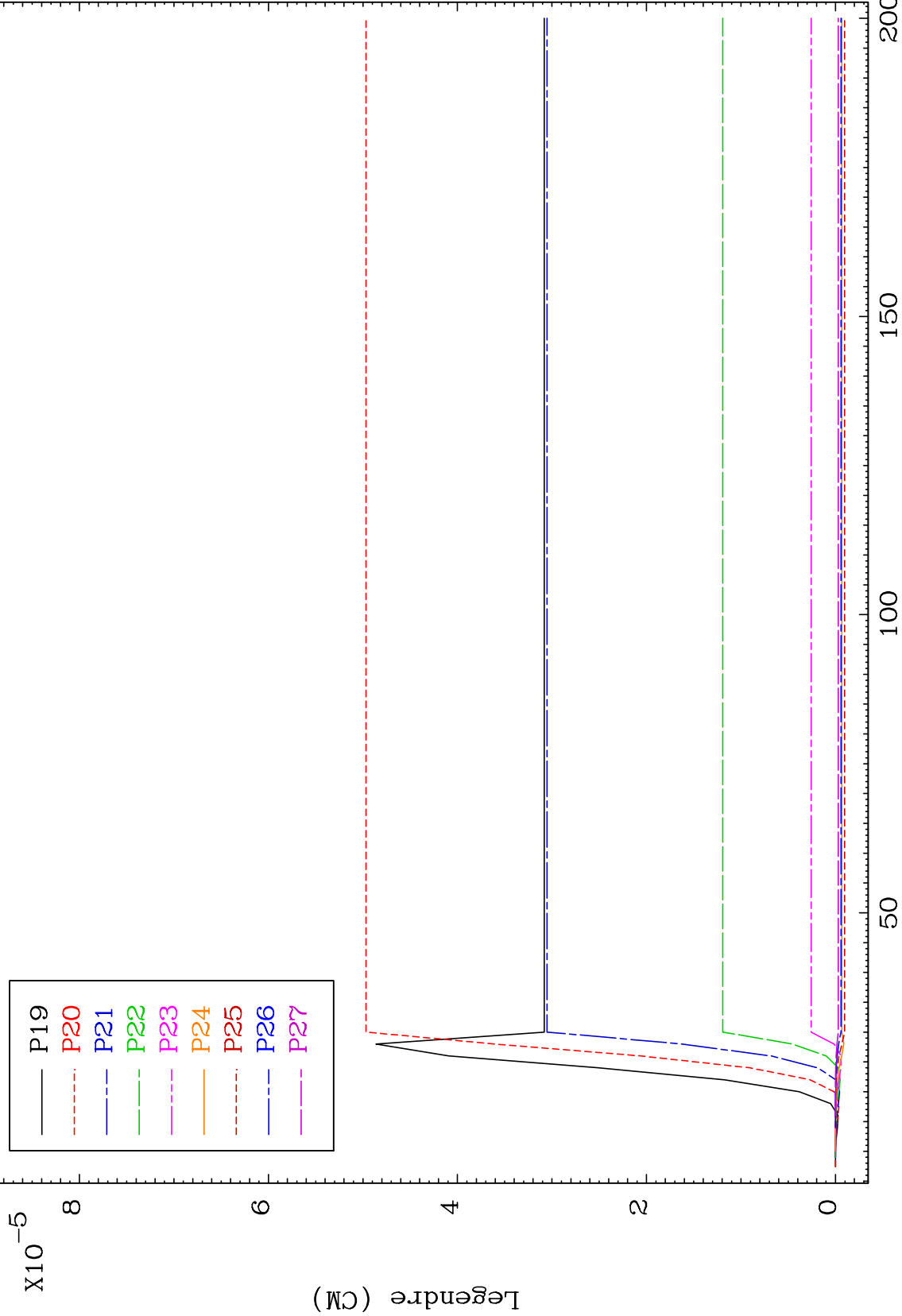
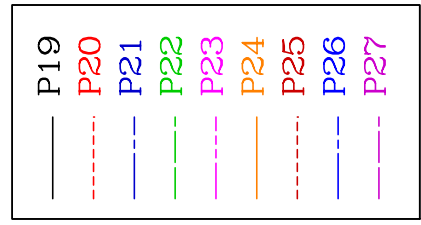
31

51-Sb-130

MAT 5152

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

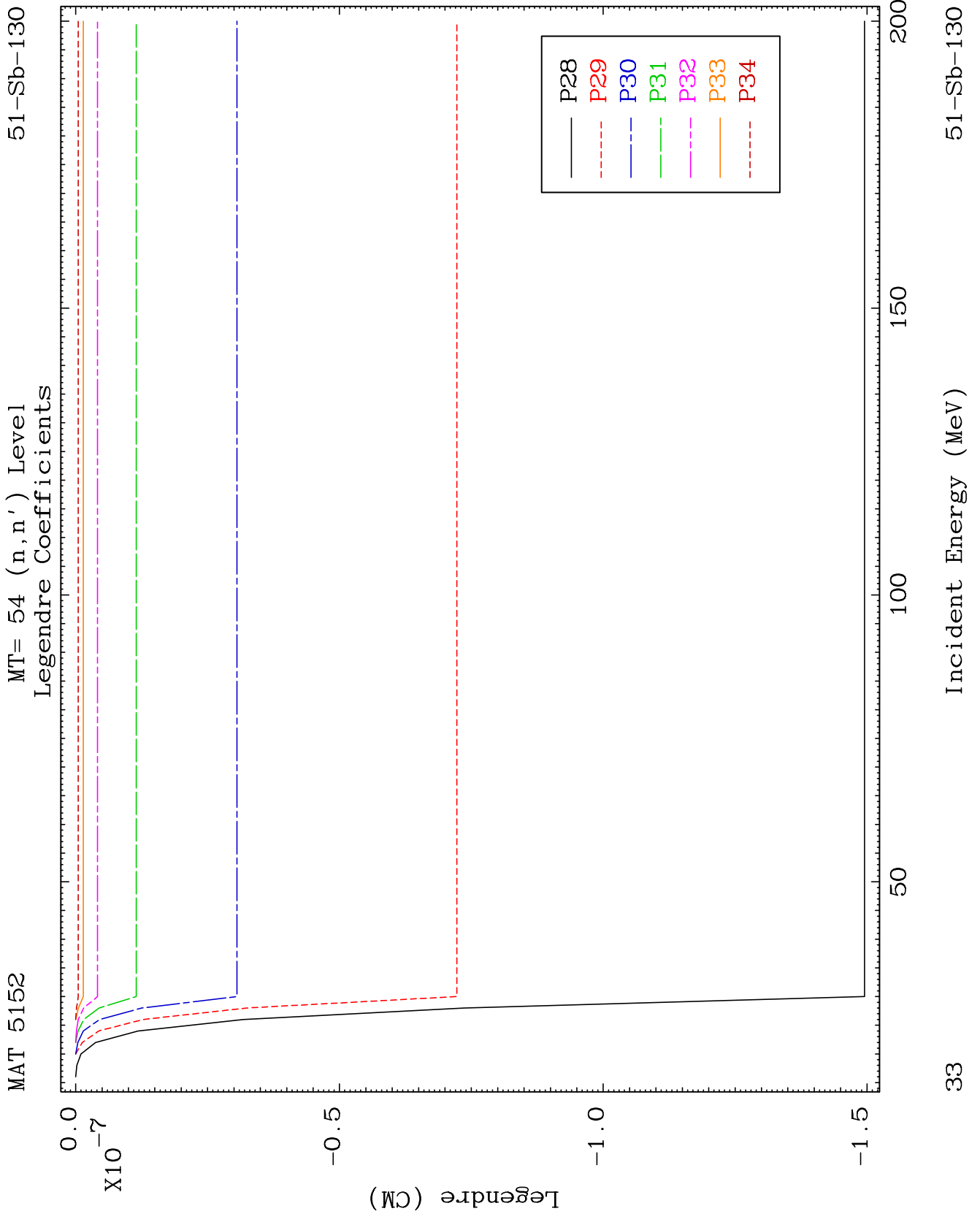
51-Sb-130



32

Incident Energy (MeV)

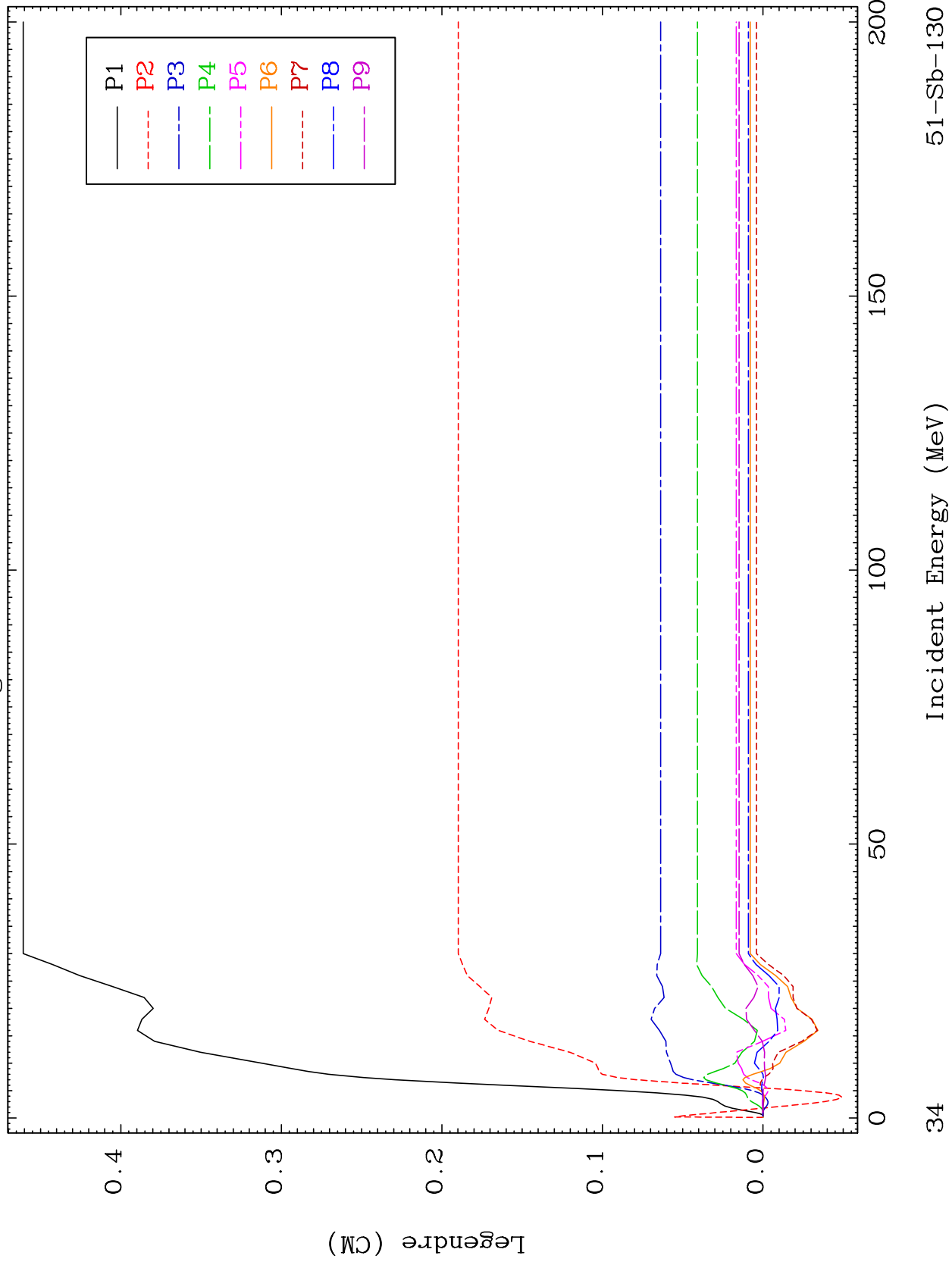
51-Sb-130



MAT 5152

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

51-Sb-130



34

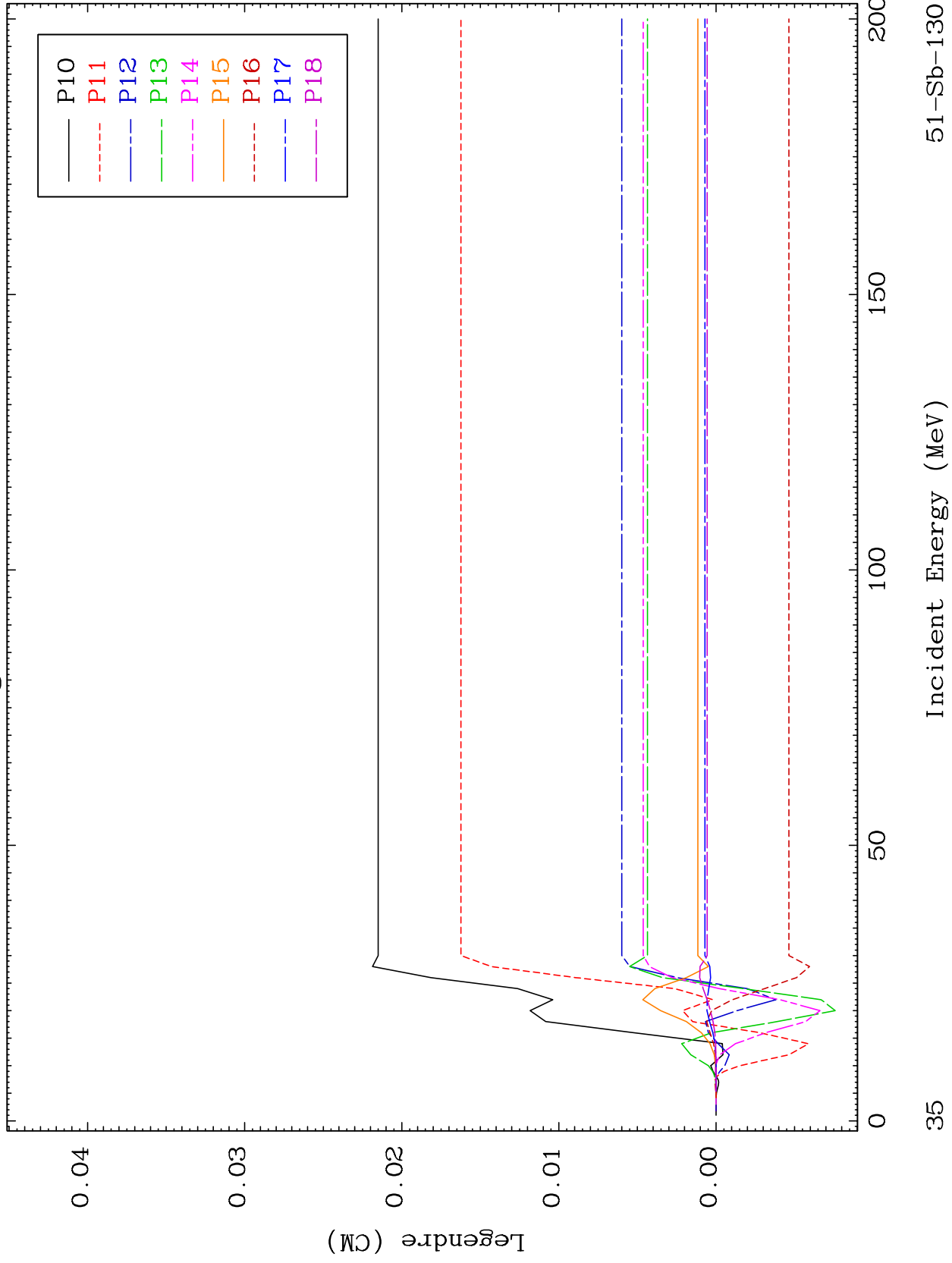
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



51-Sb-130

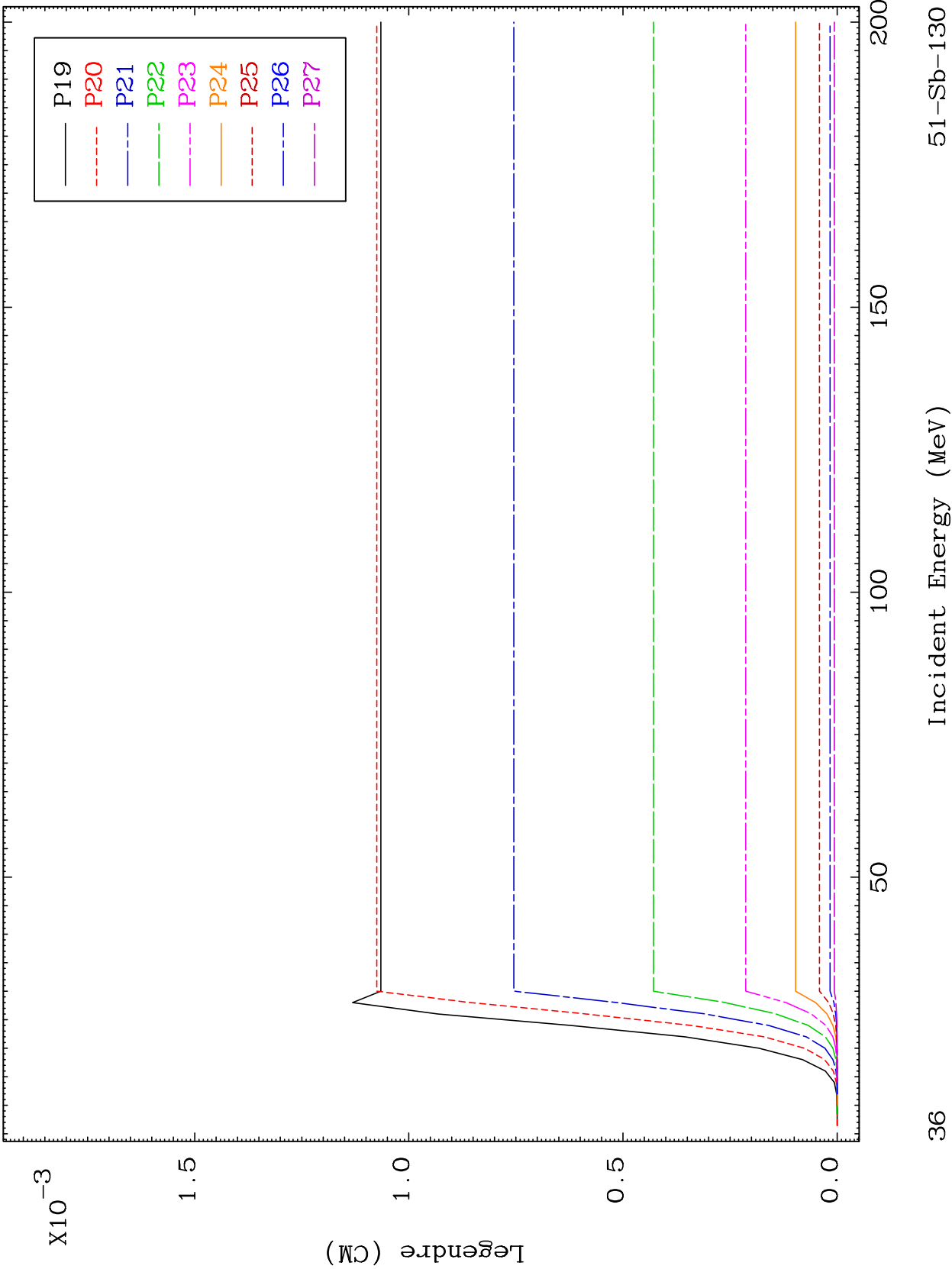
Incident Energy (MeV)

35

MAT 5152

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

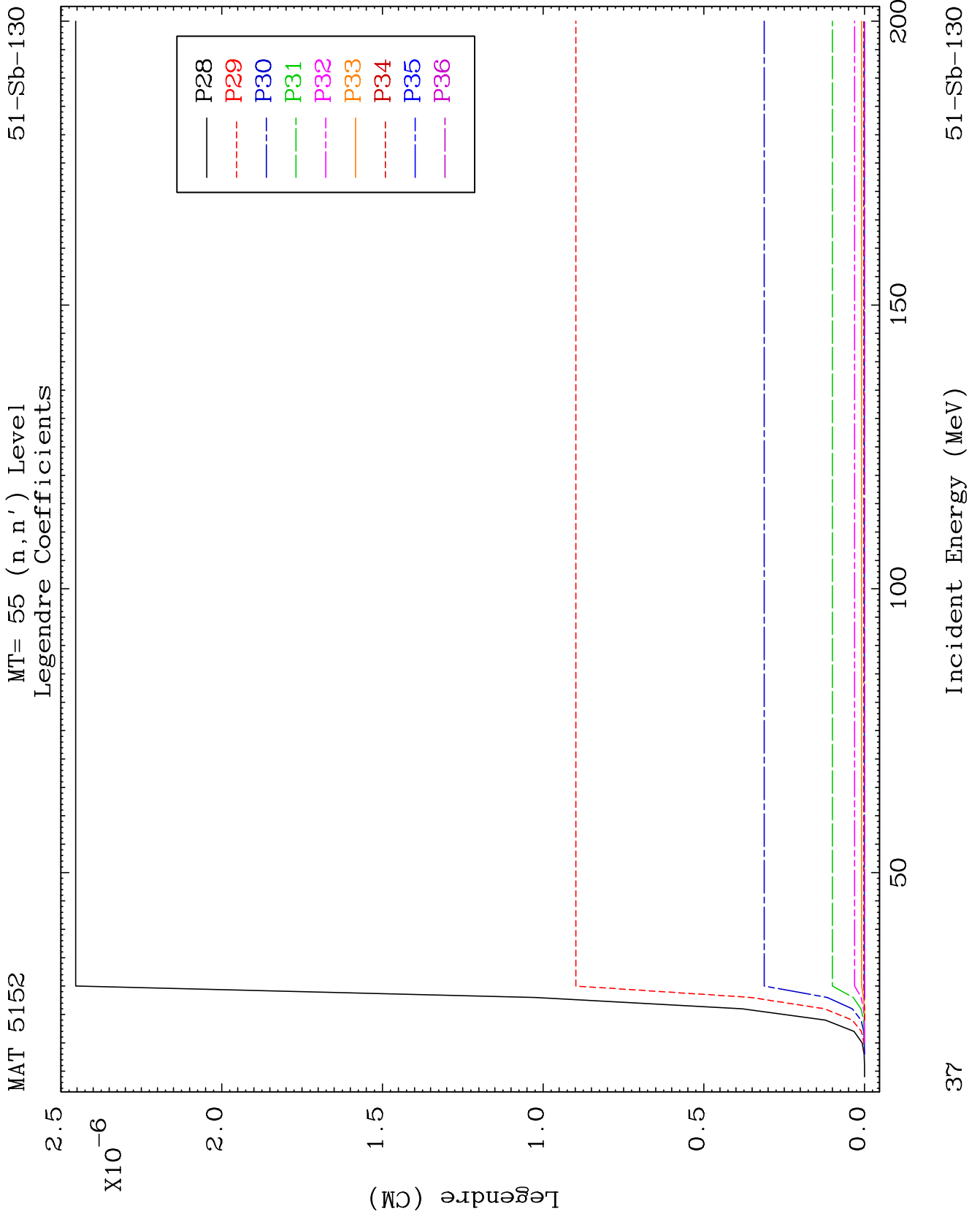
51-Sb-130



36

Incident Energy (MeV)

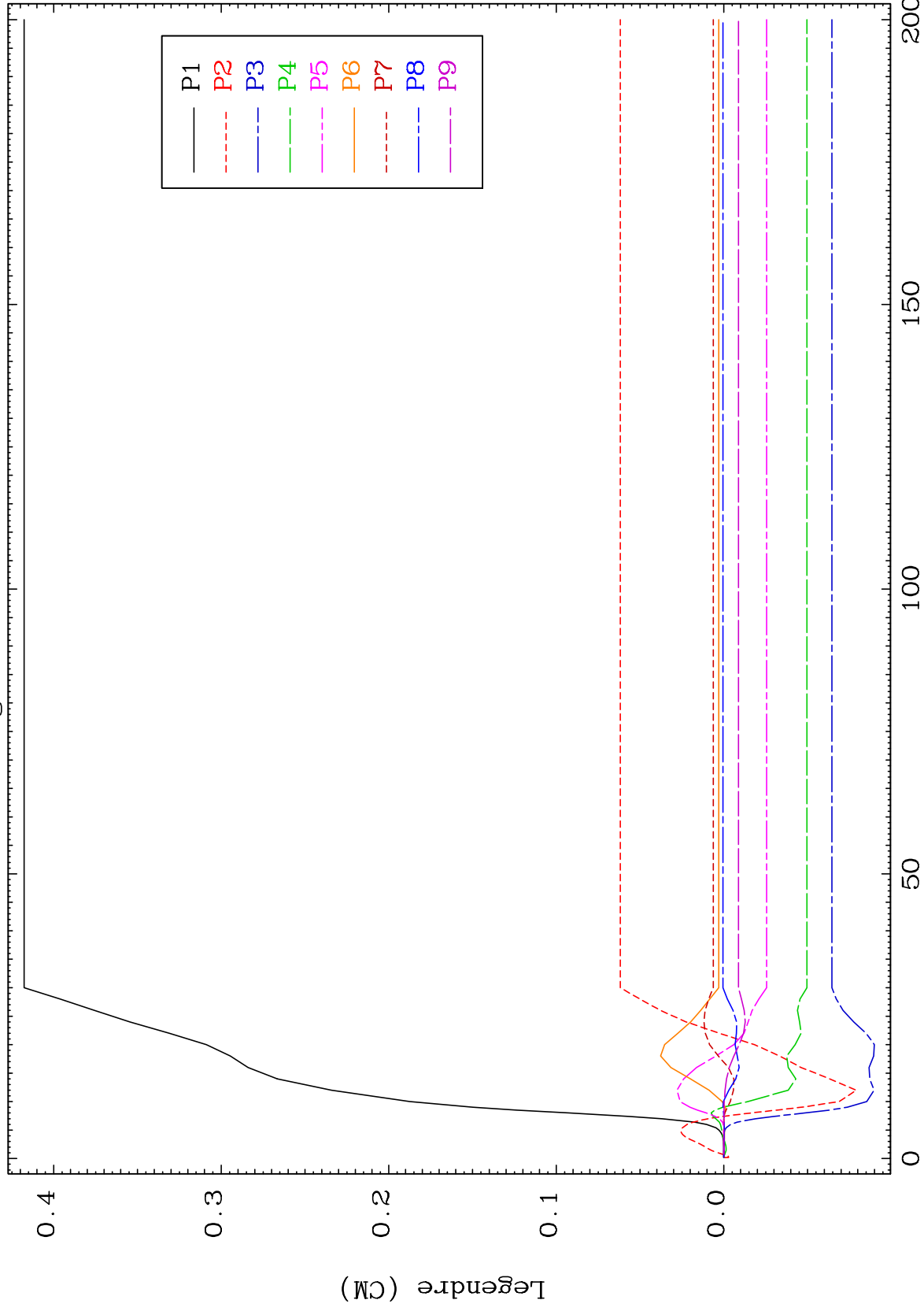
51-Sb-130



MAT 5152

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

51-Sb-130



38

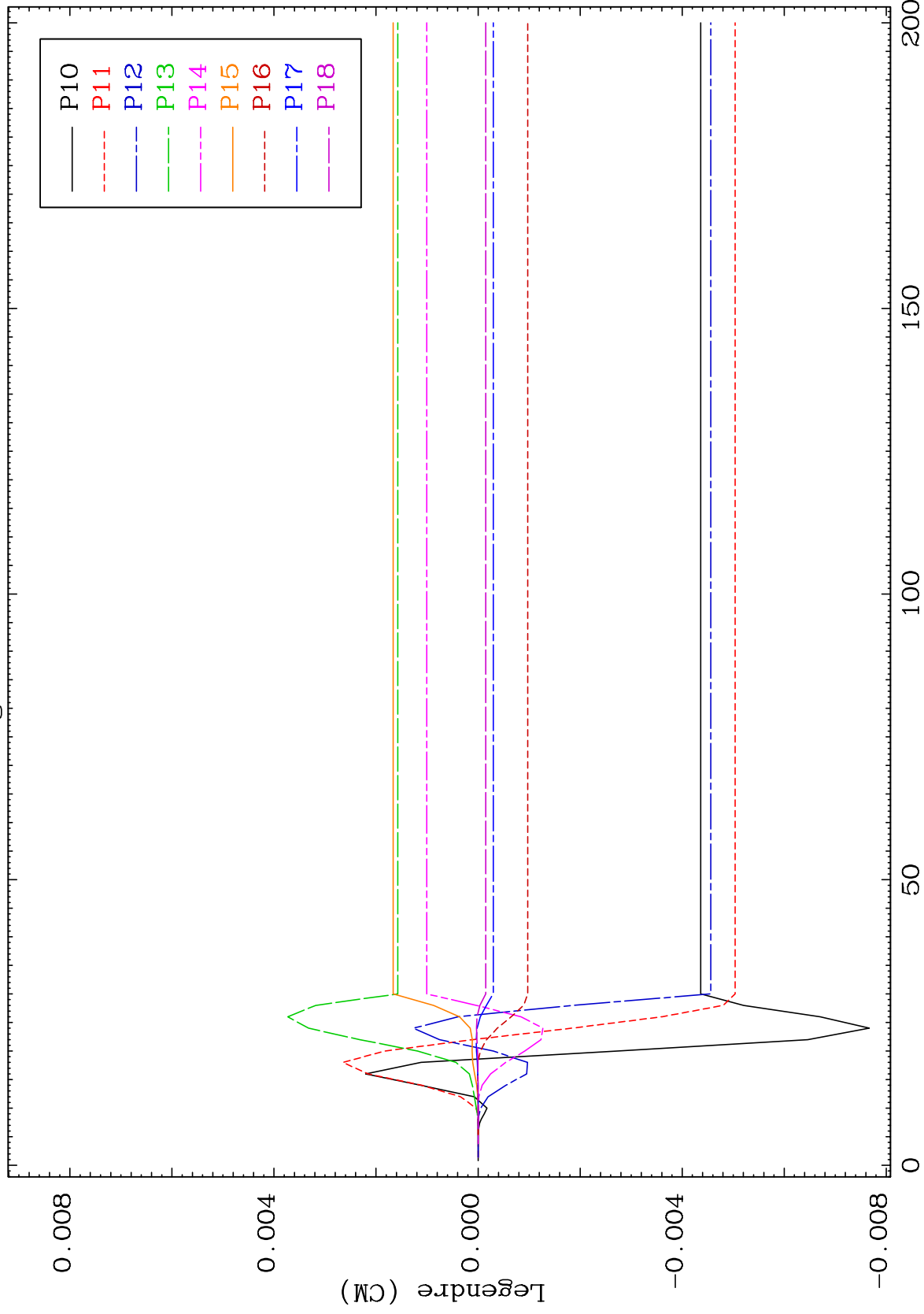
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



39

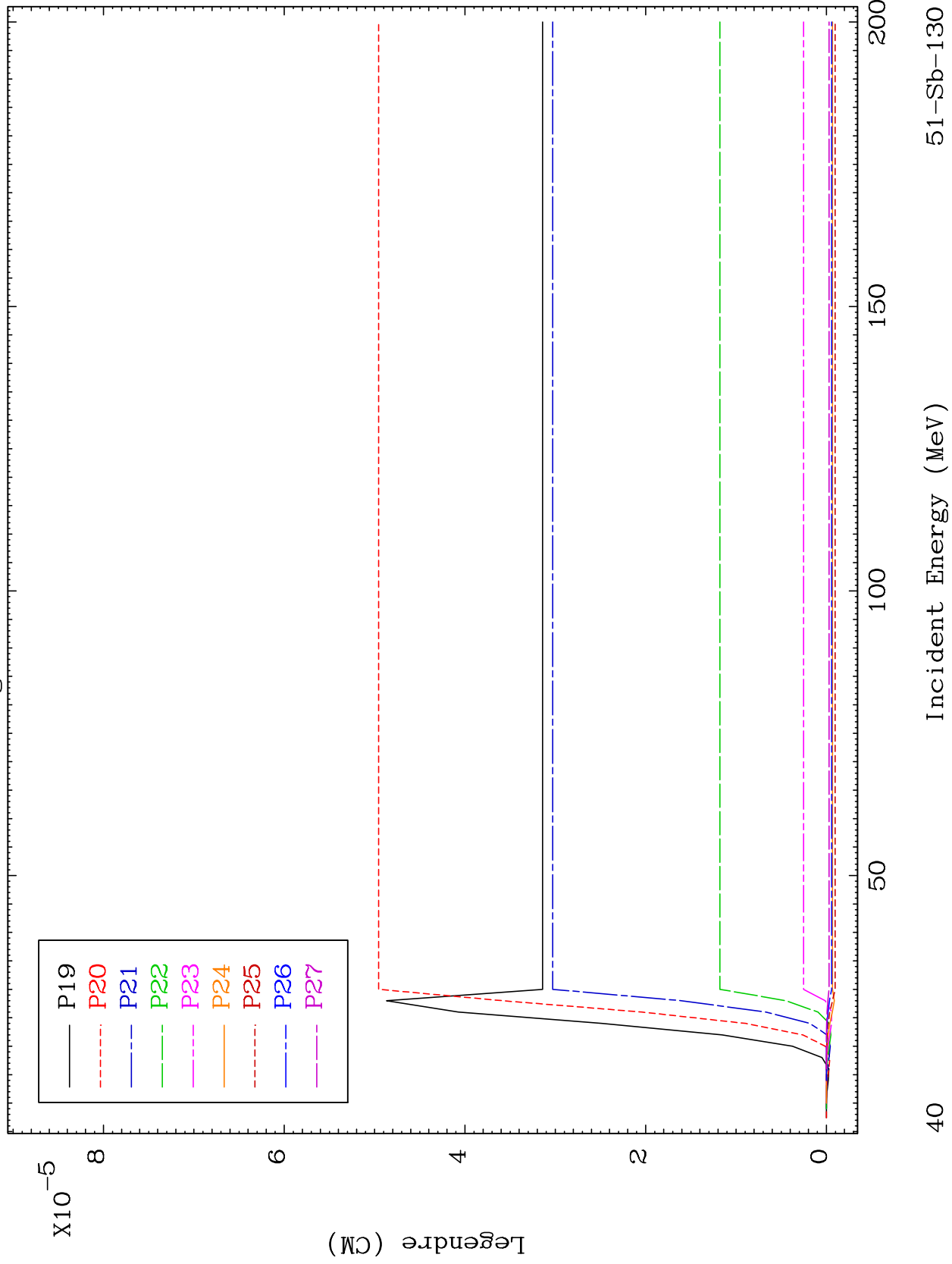
Incident Energy (MeV)

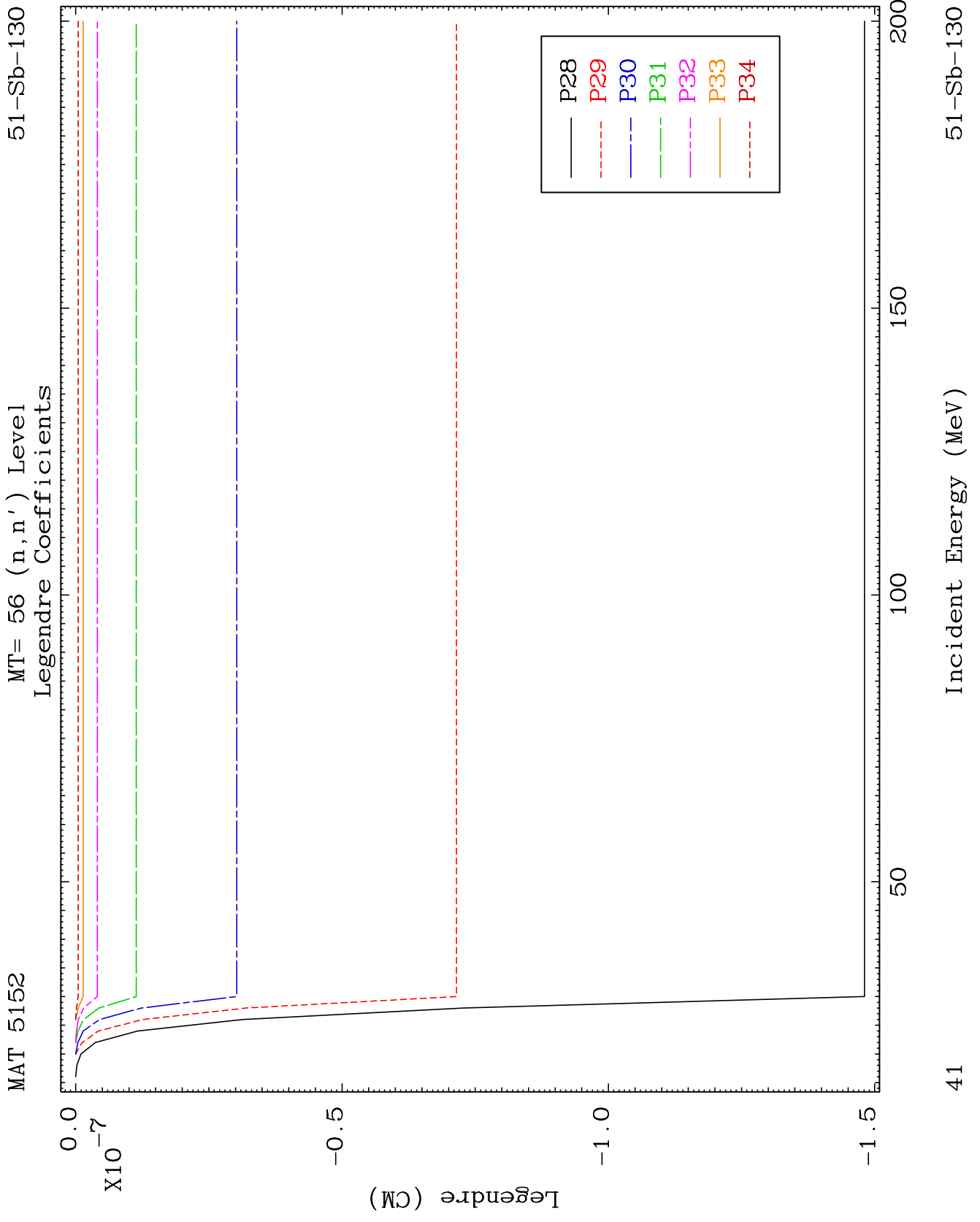
51-Sb-130

MAT 5152

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

51-Sb-130

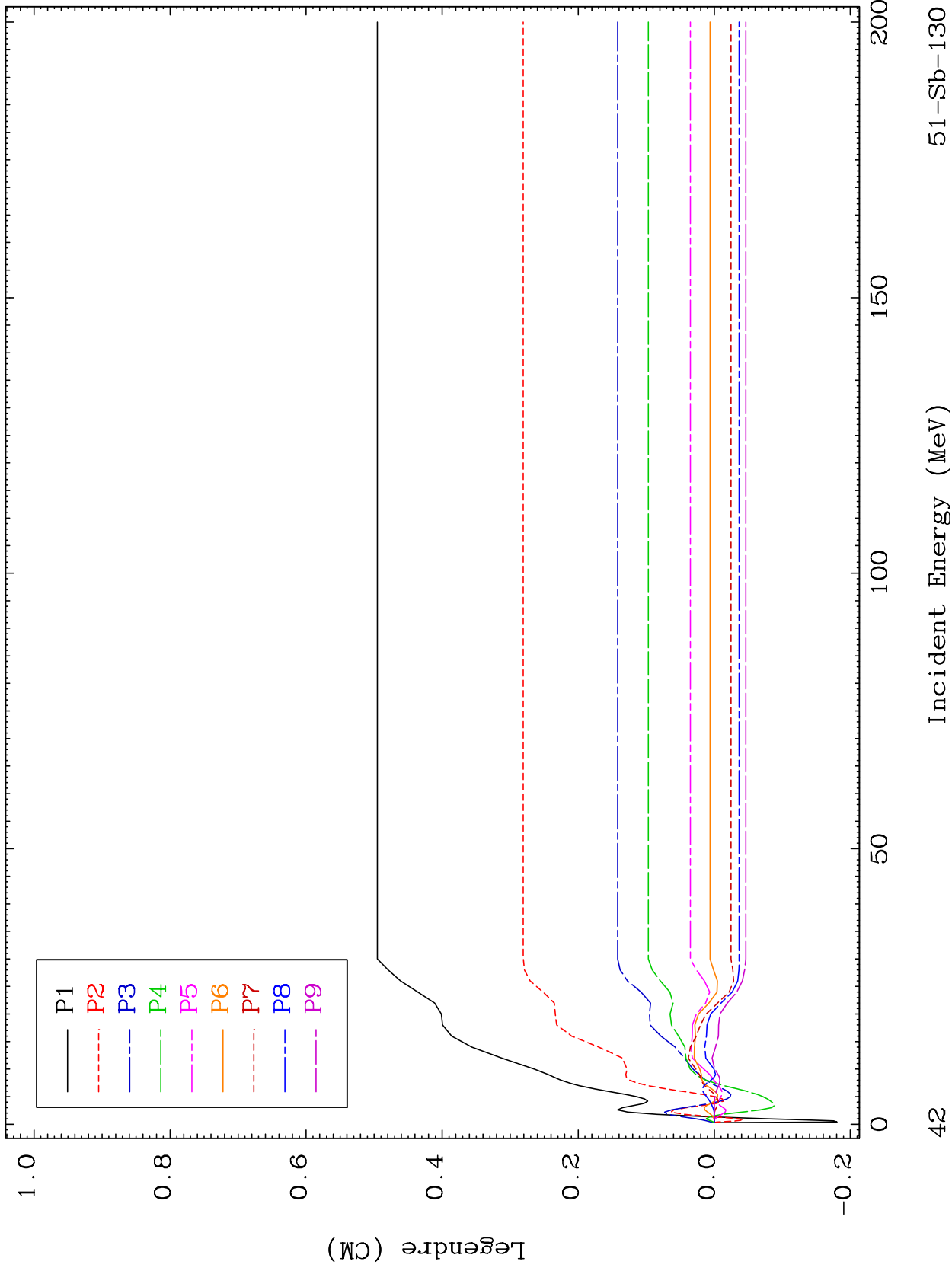




MAT 5152

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

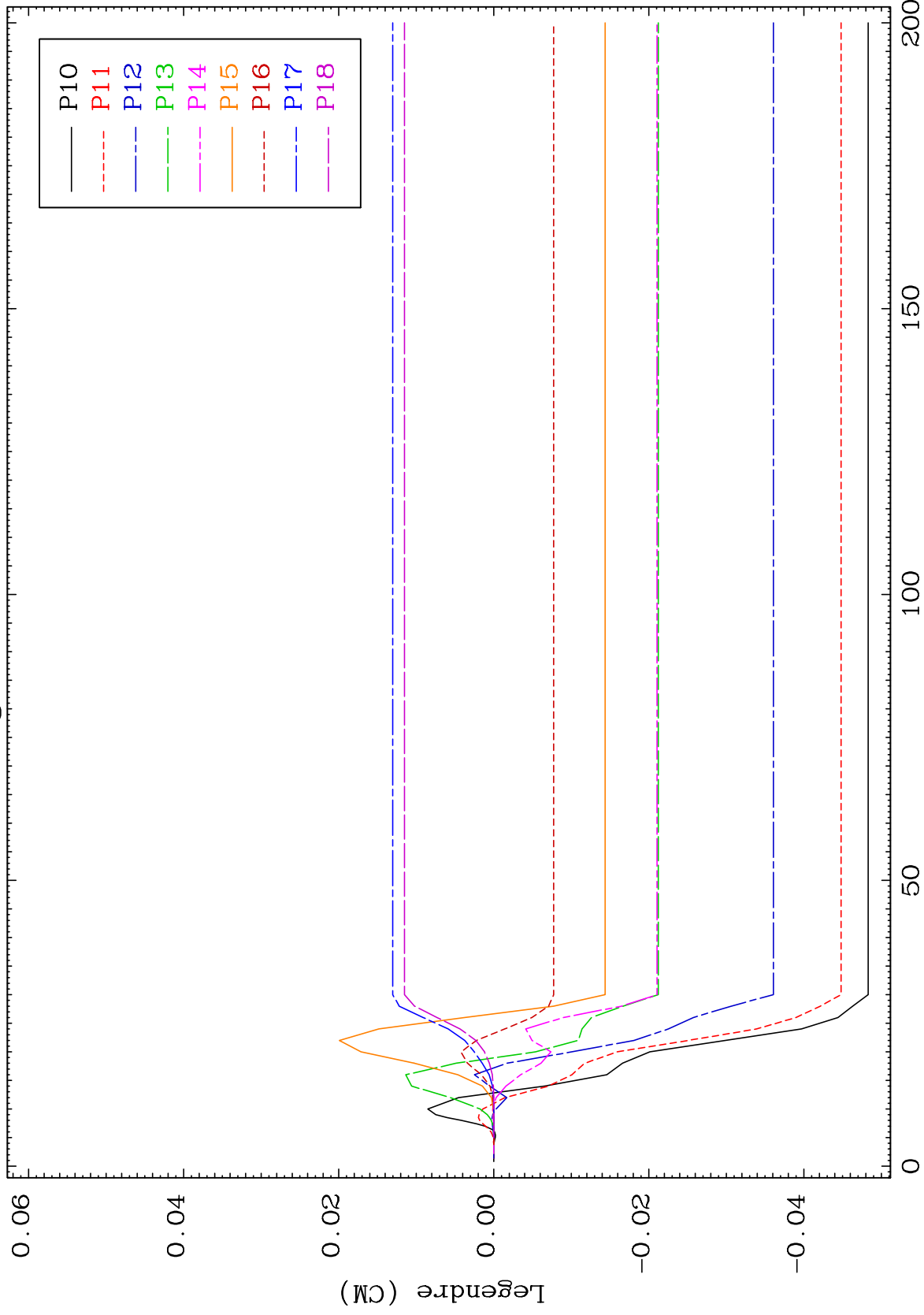
51-Sb-130



MAT 5152

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

51-Sb-130



43

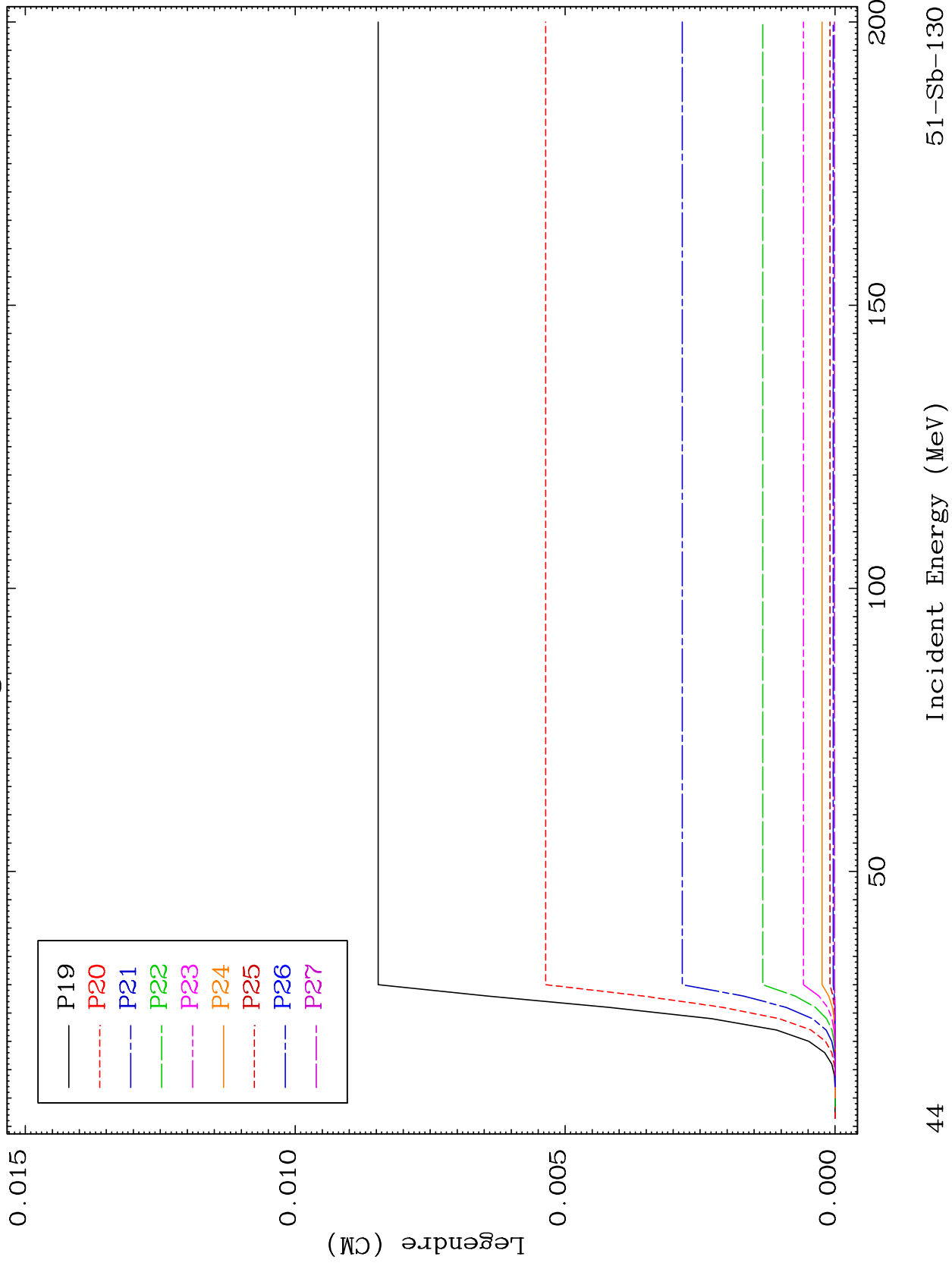
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



44

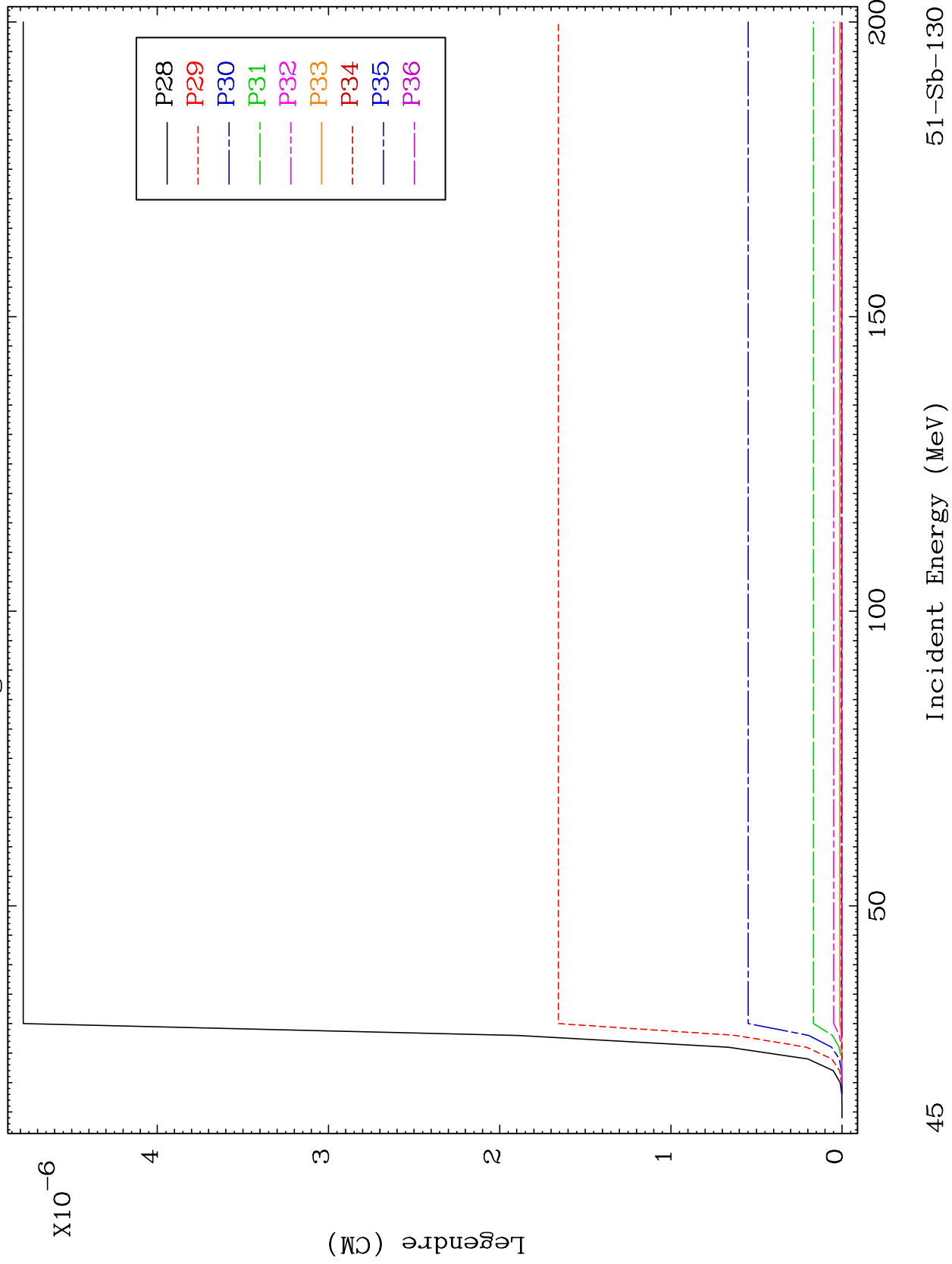
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

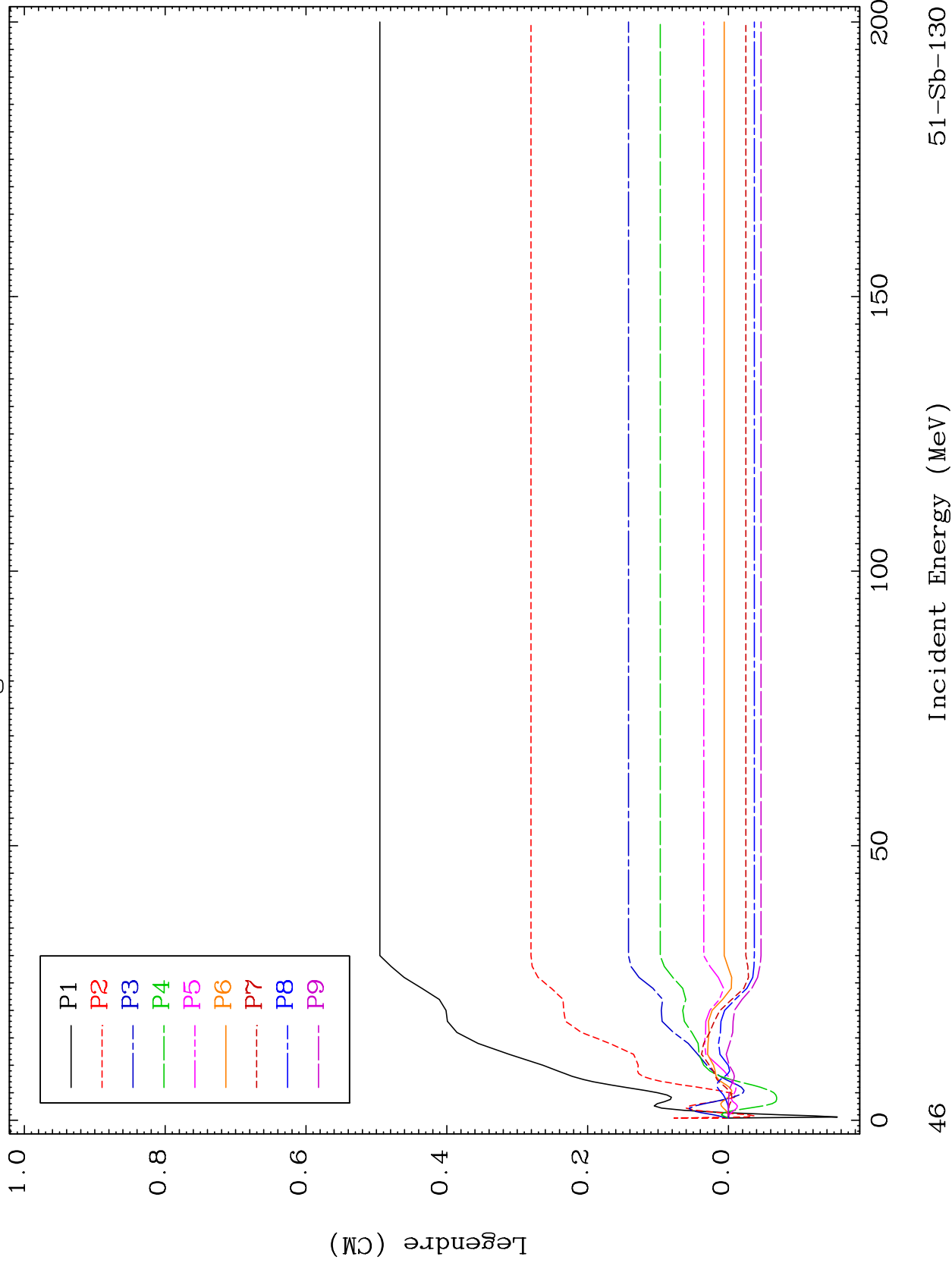
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

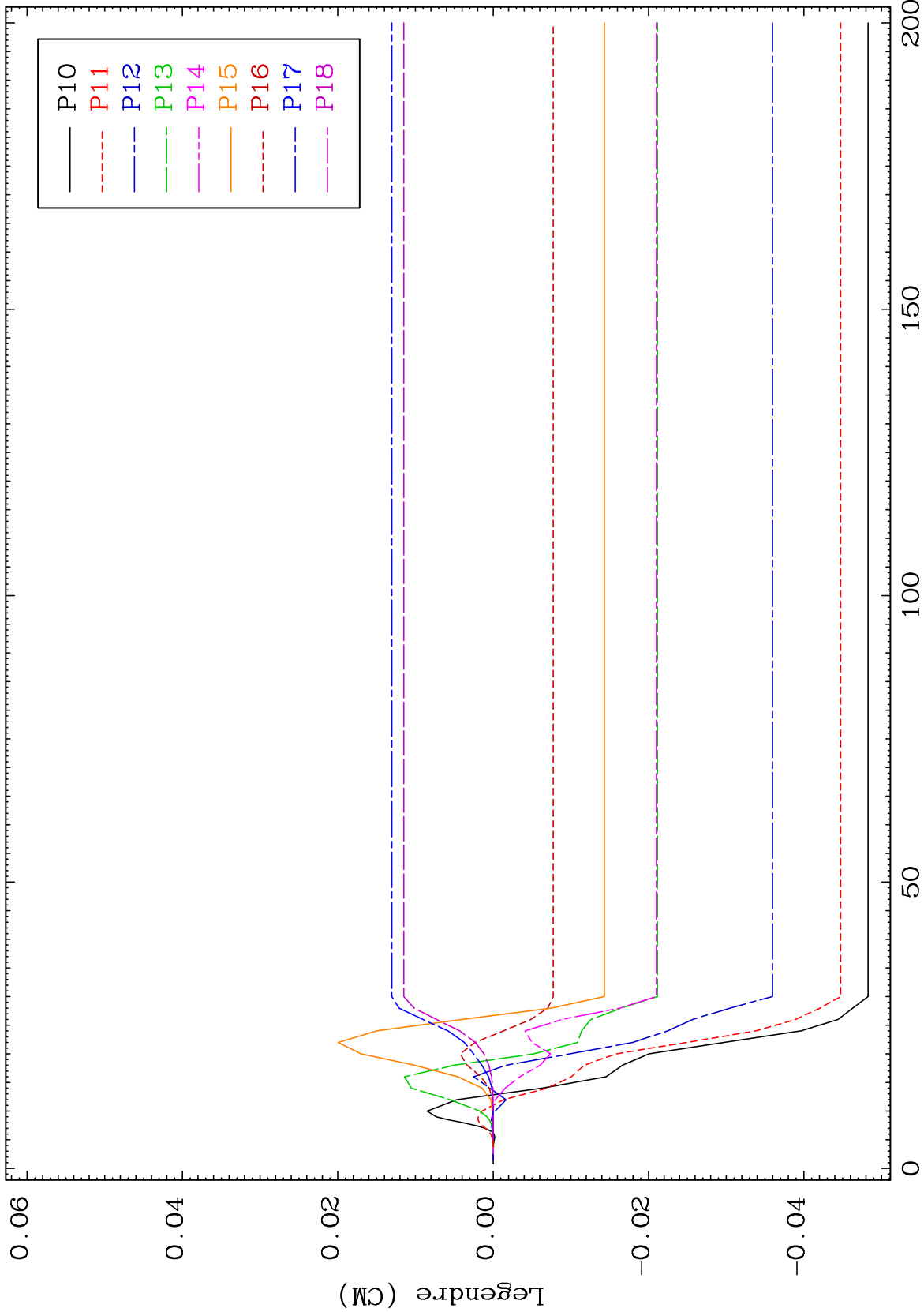
Incident Energy (MeV)

46

MAT 5152

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

51-Sb-130



47

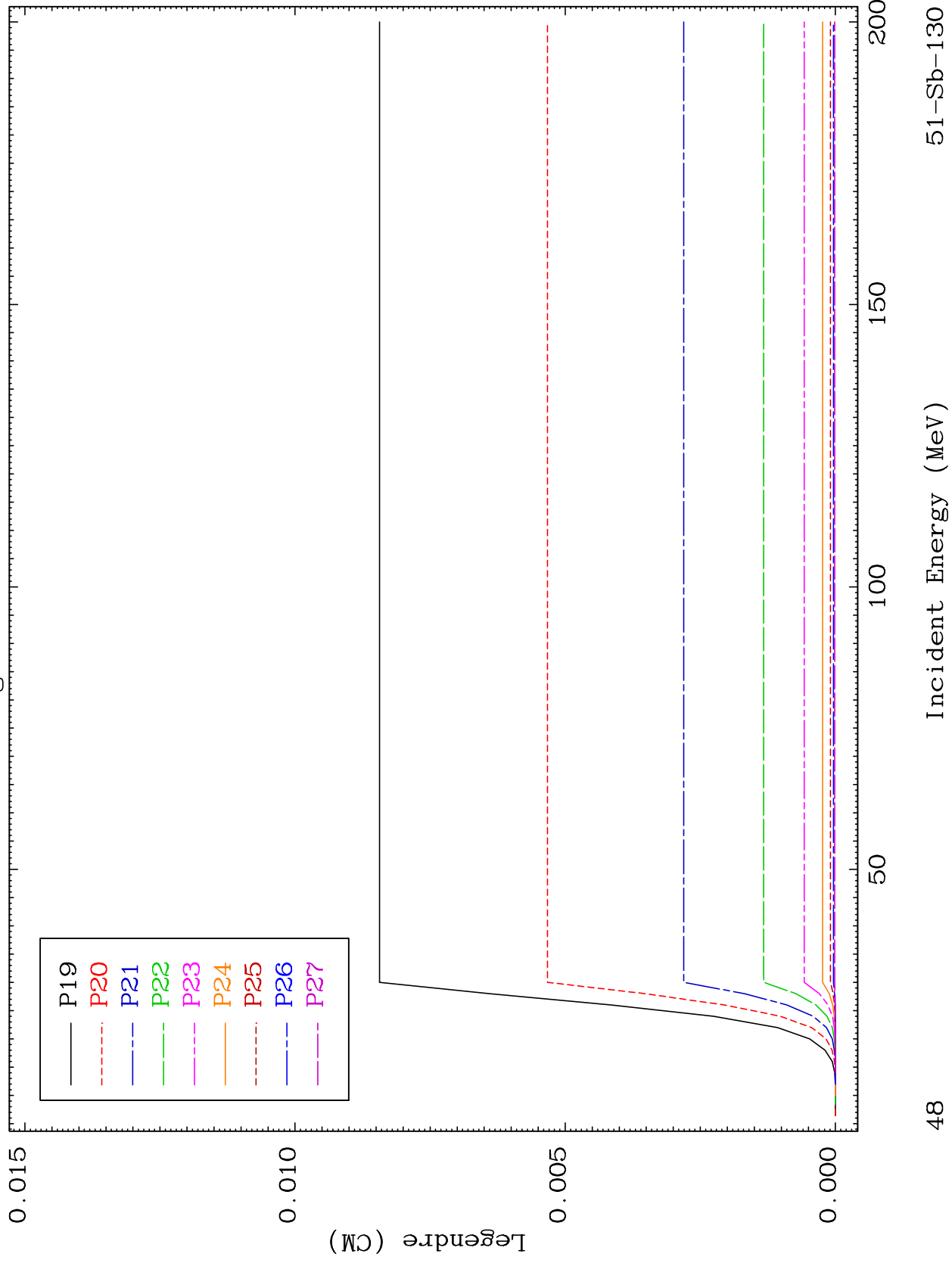
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



48

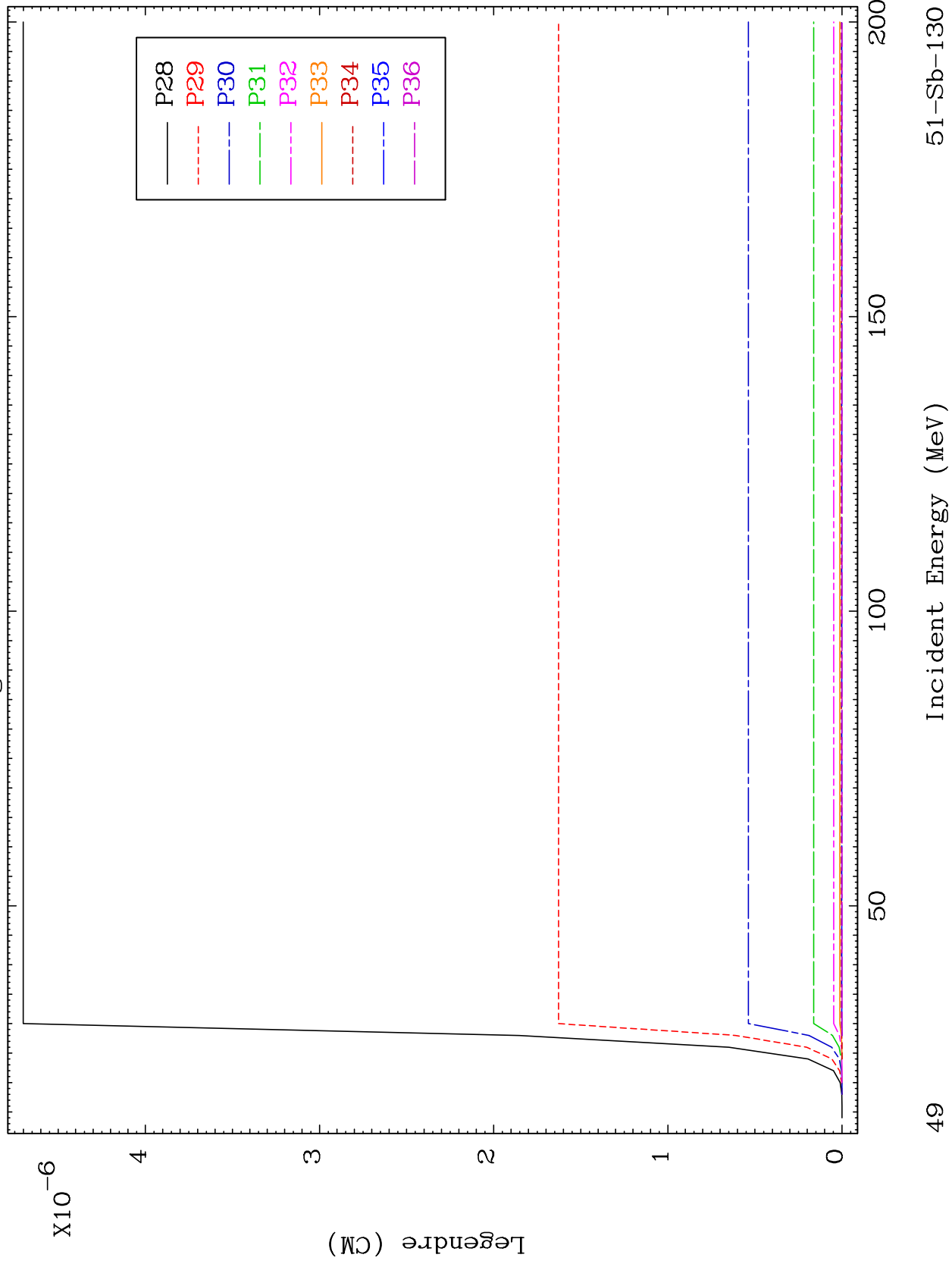
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



49

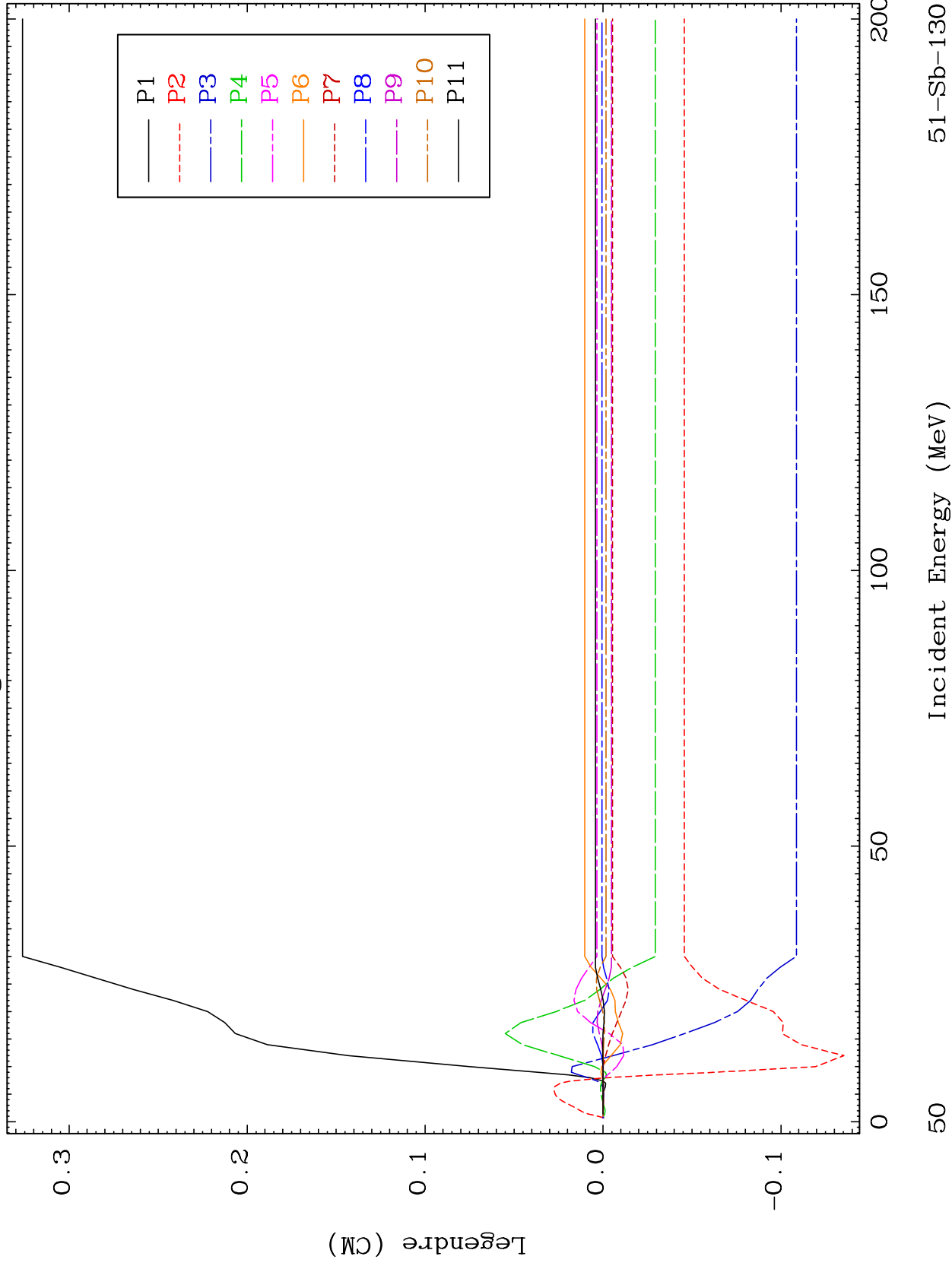
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



51-Sb-130

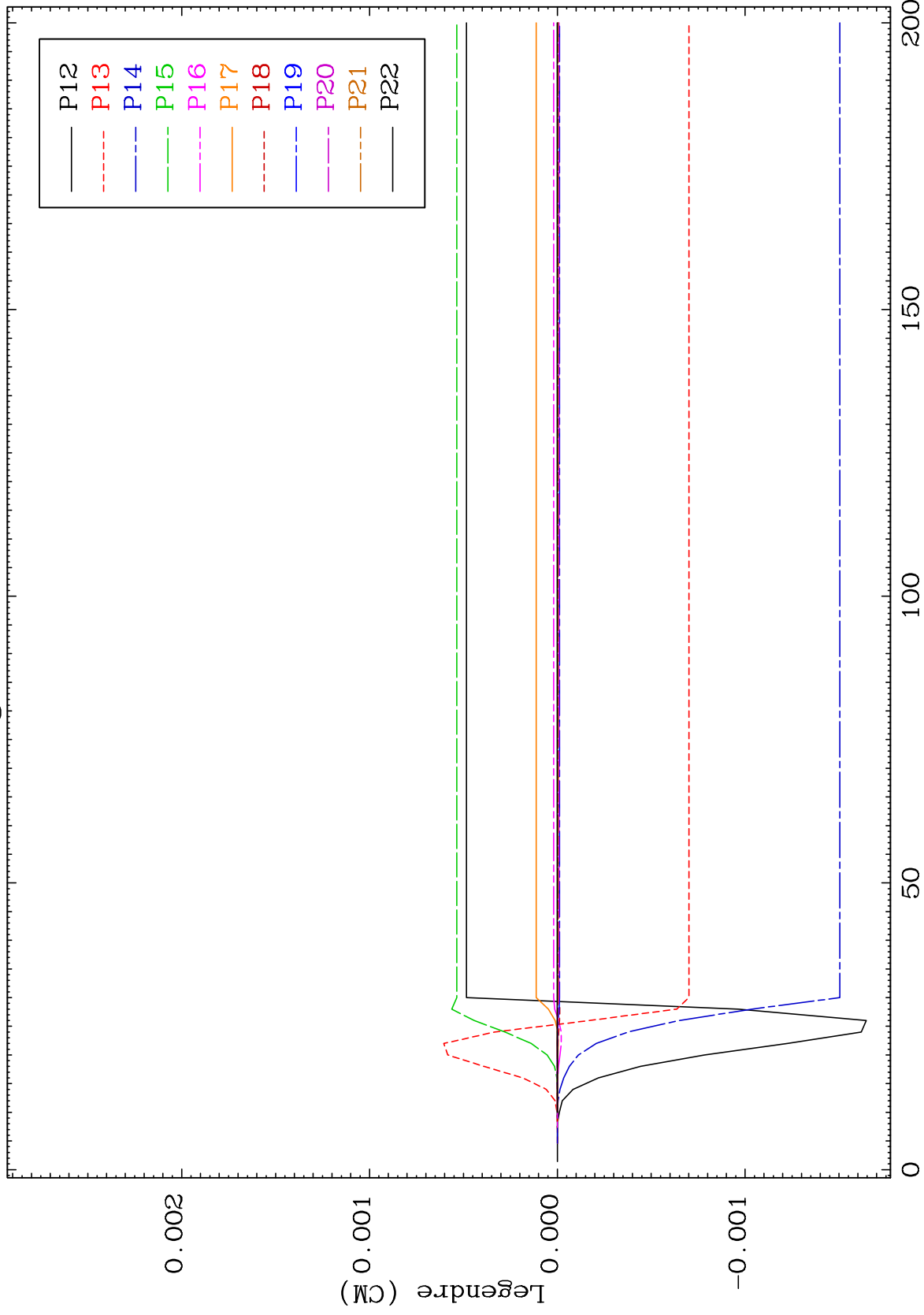
Incident Energy (MeV)

50

MAT 5152

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

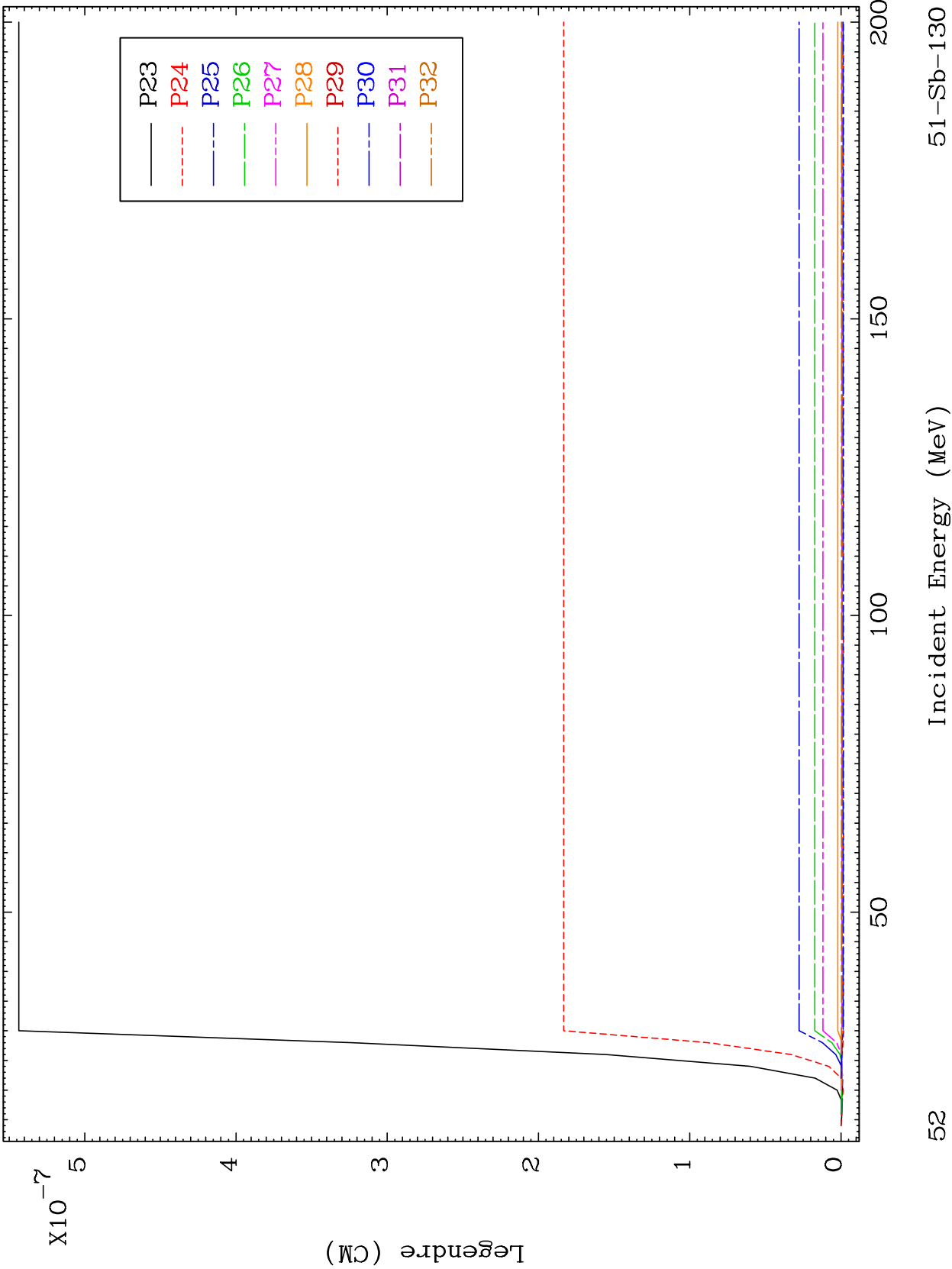
51-Sb-130

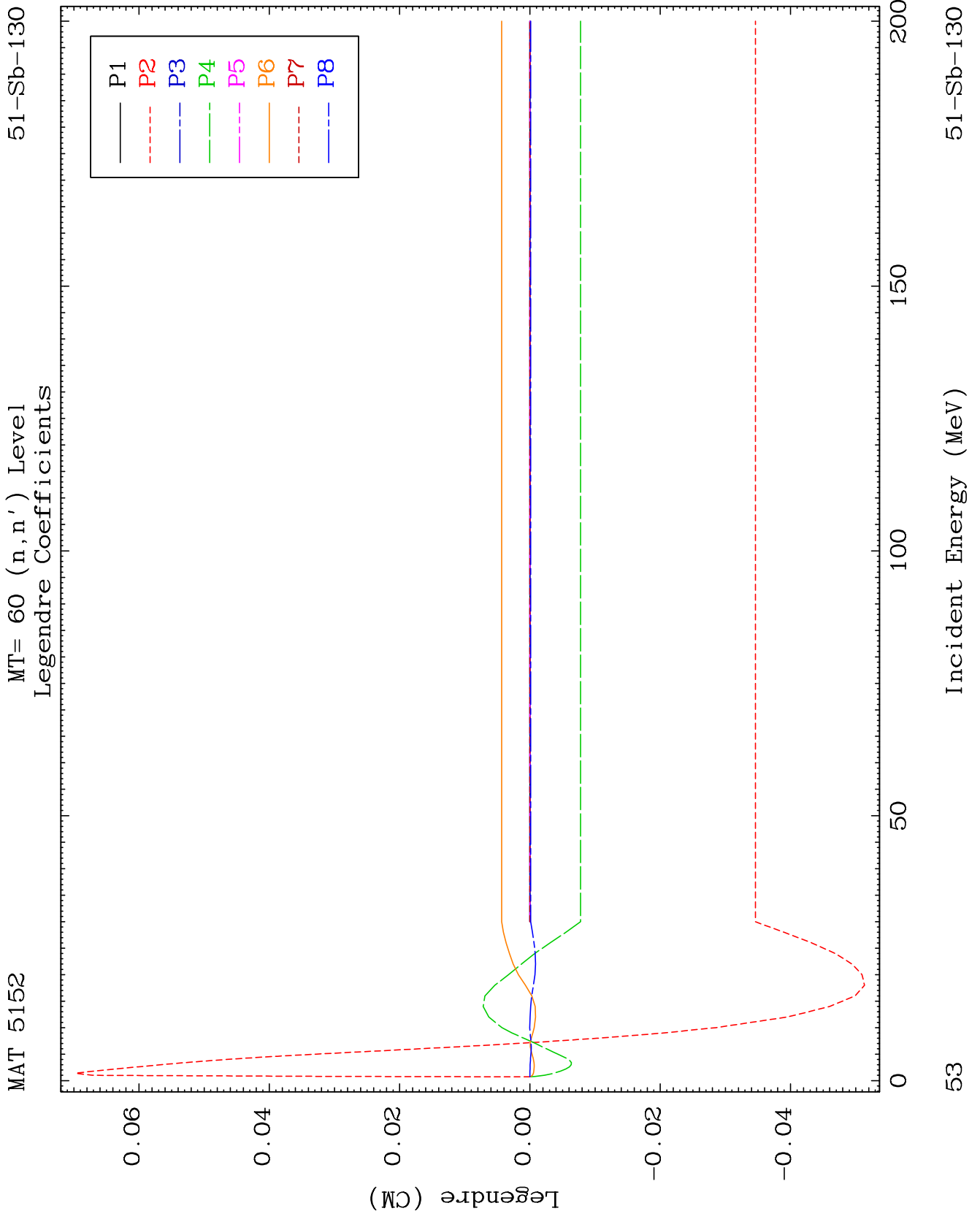


51

Incident Energy (MeV)

51-Sb-130

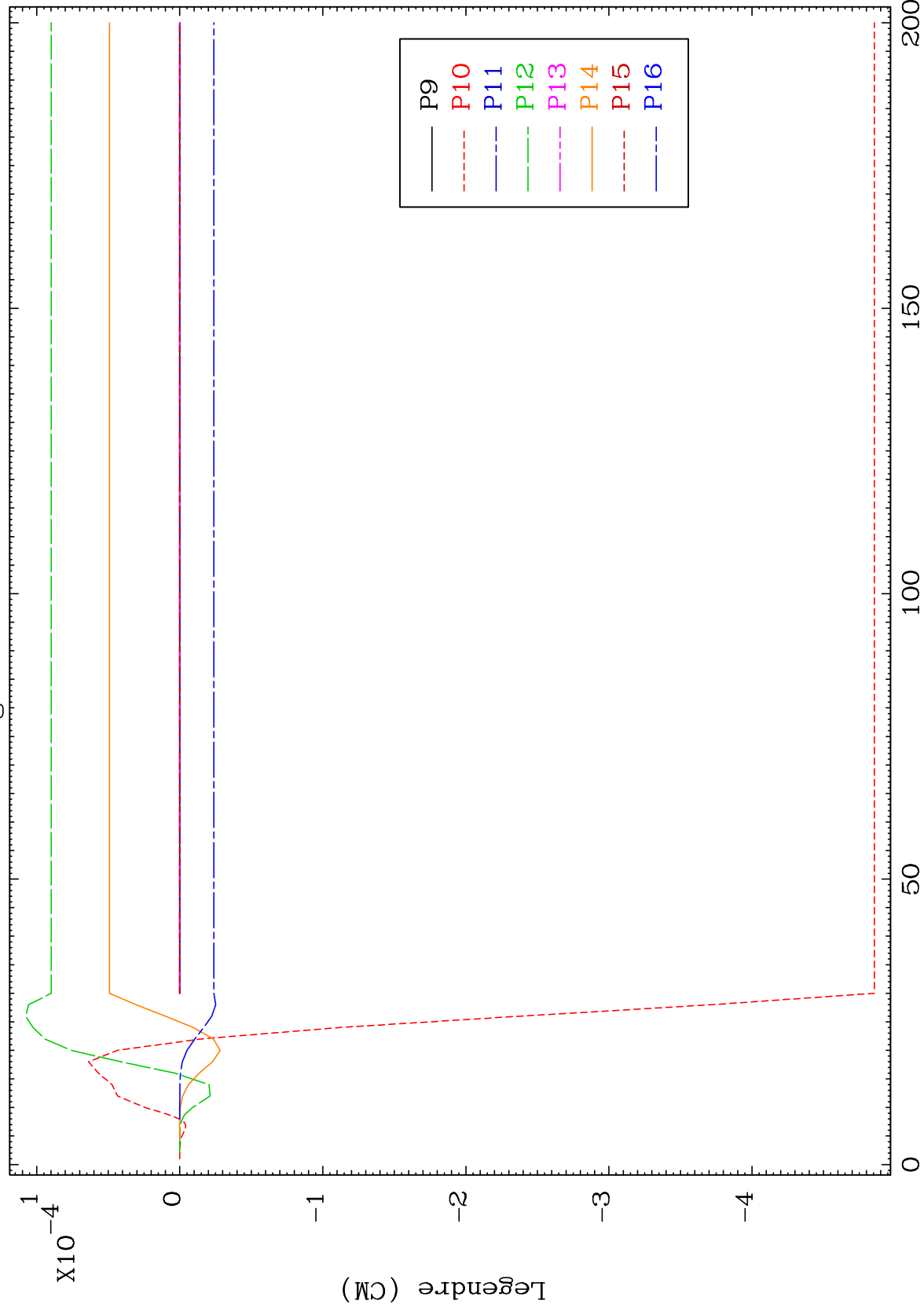




MAT 5152

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

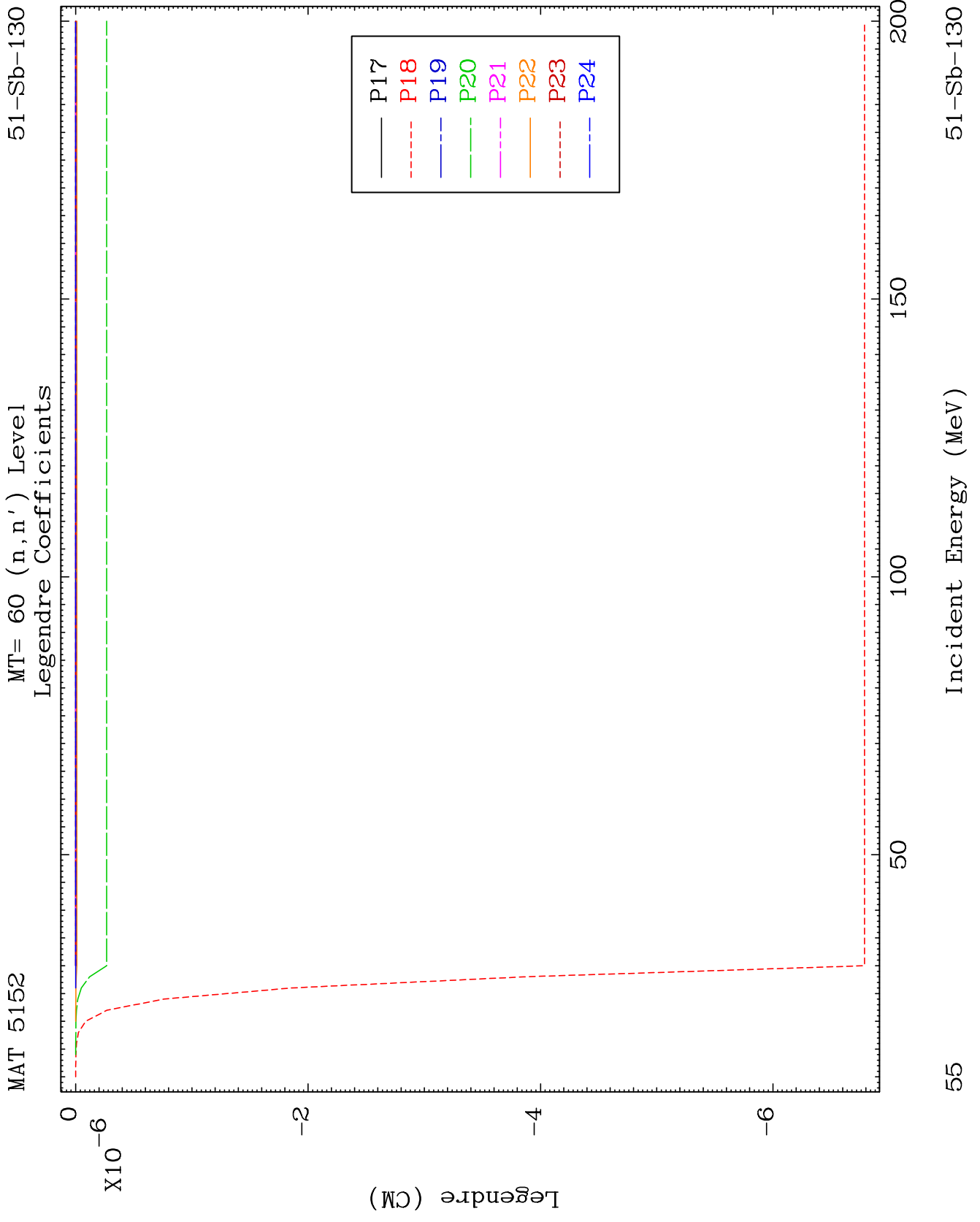
51-Sb-130



54

Incident Energy (MeV)

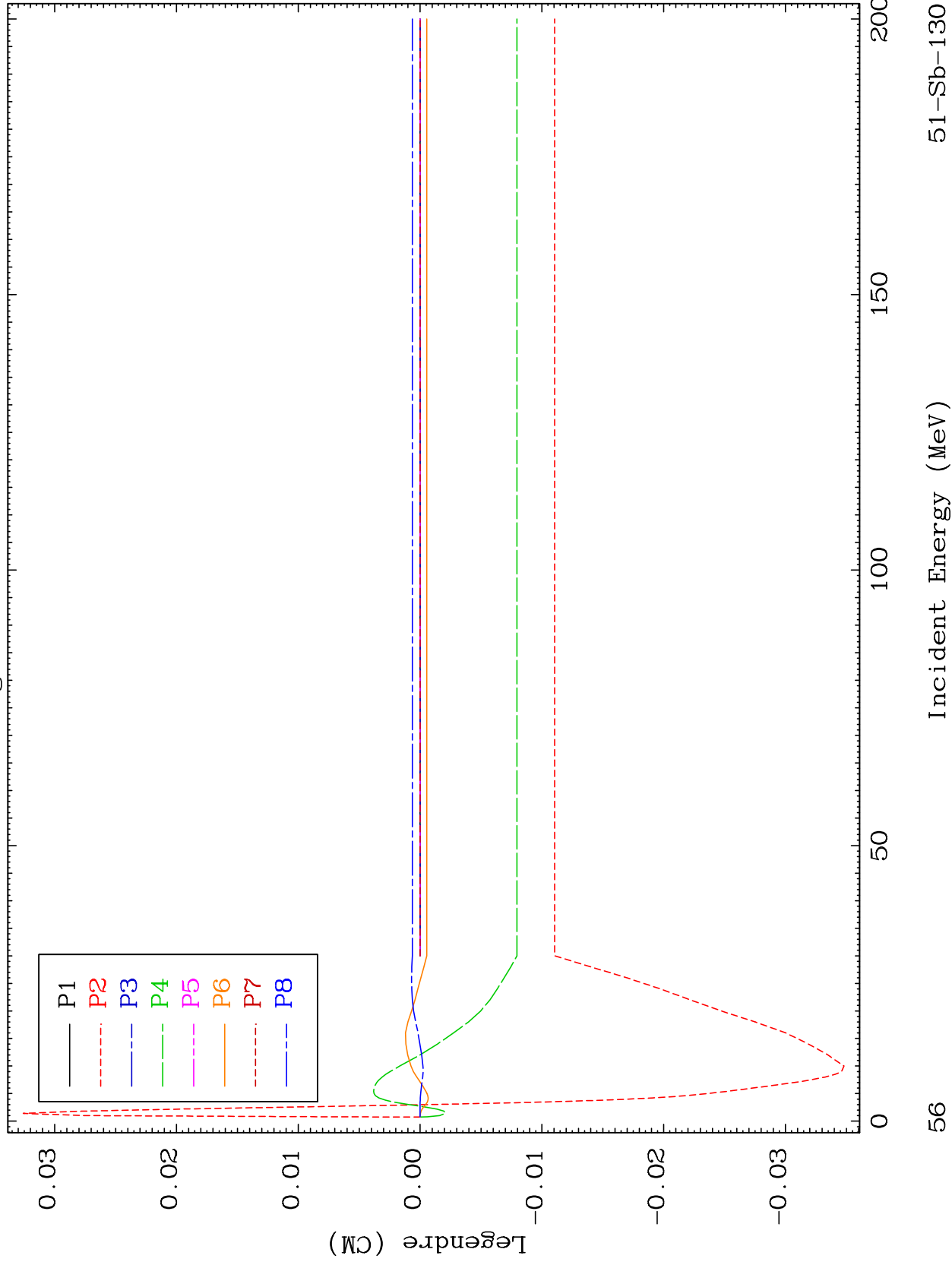
51-Sb-130



MAT 5152

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

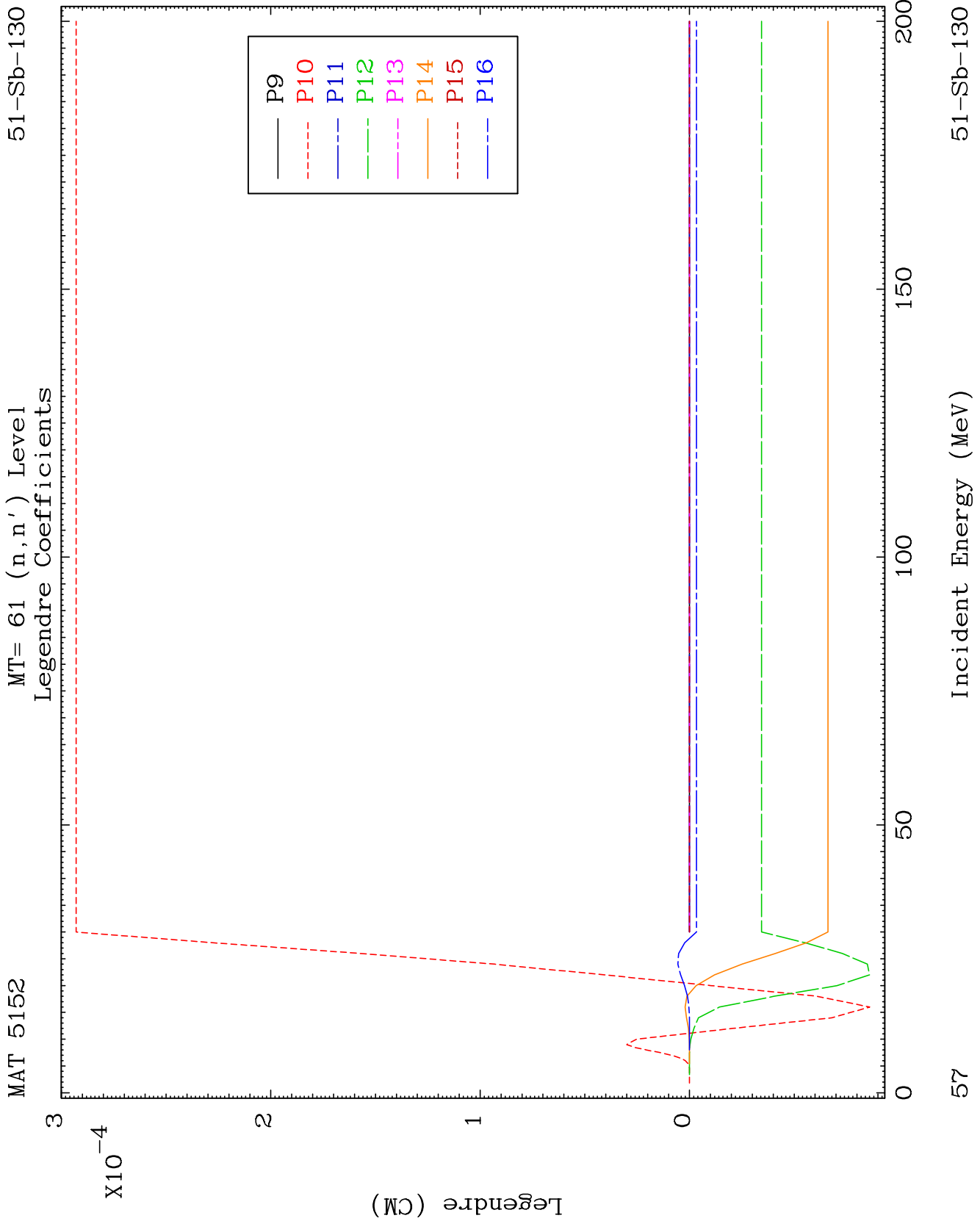
51-Sb-130

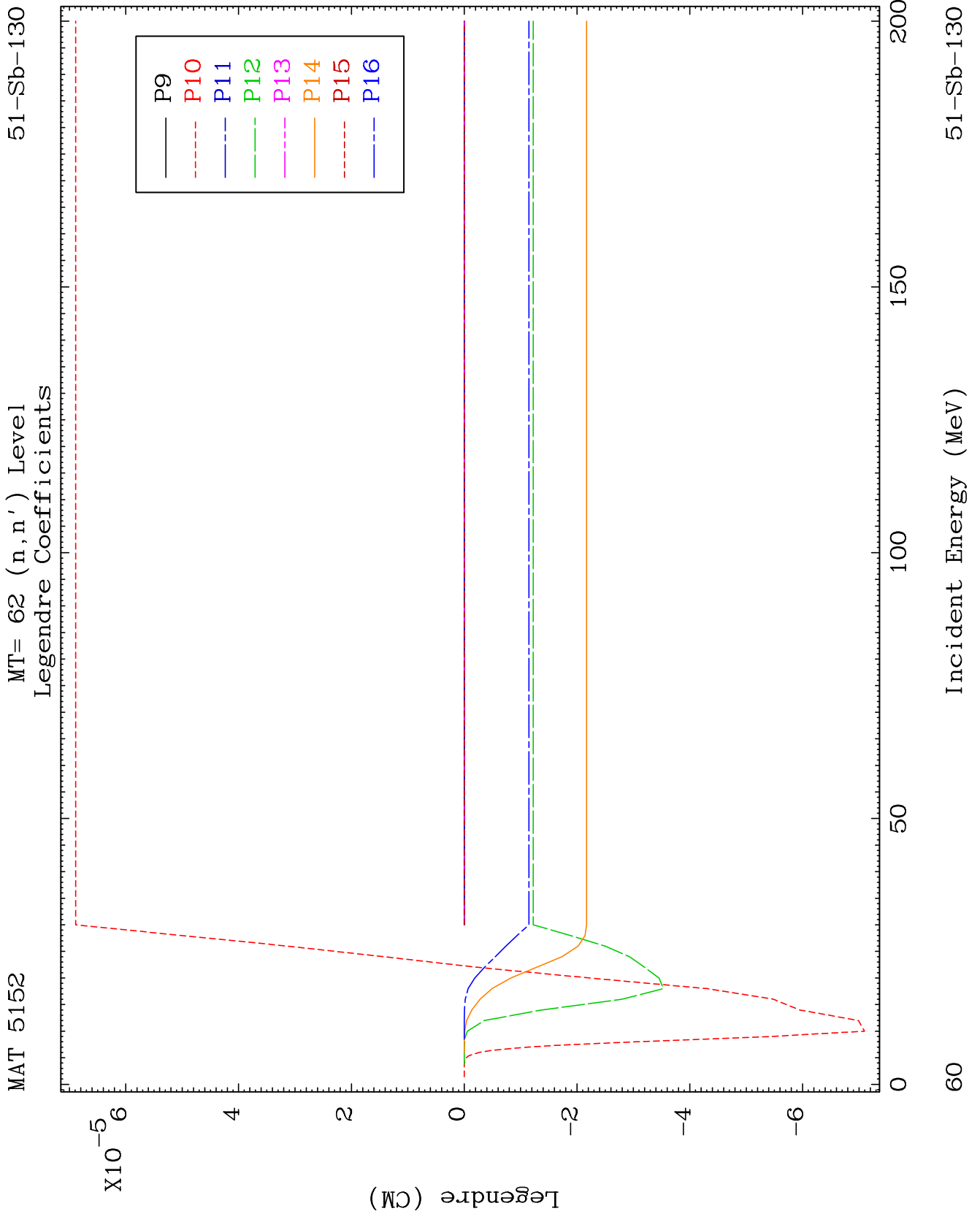


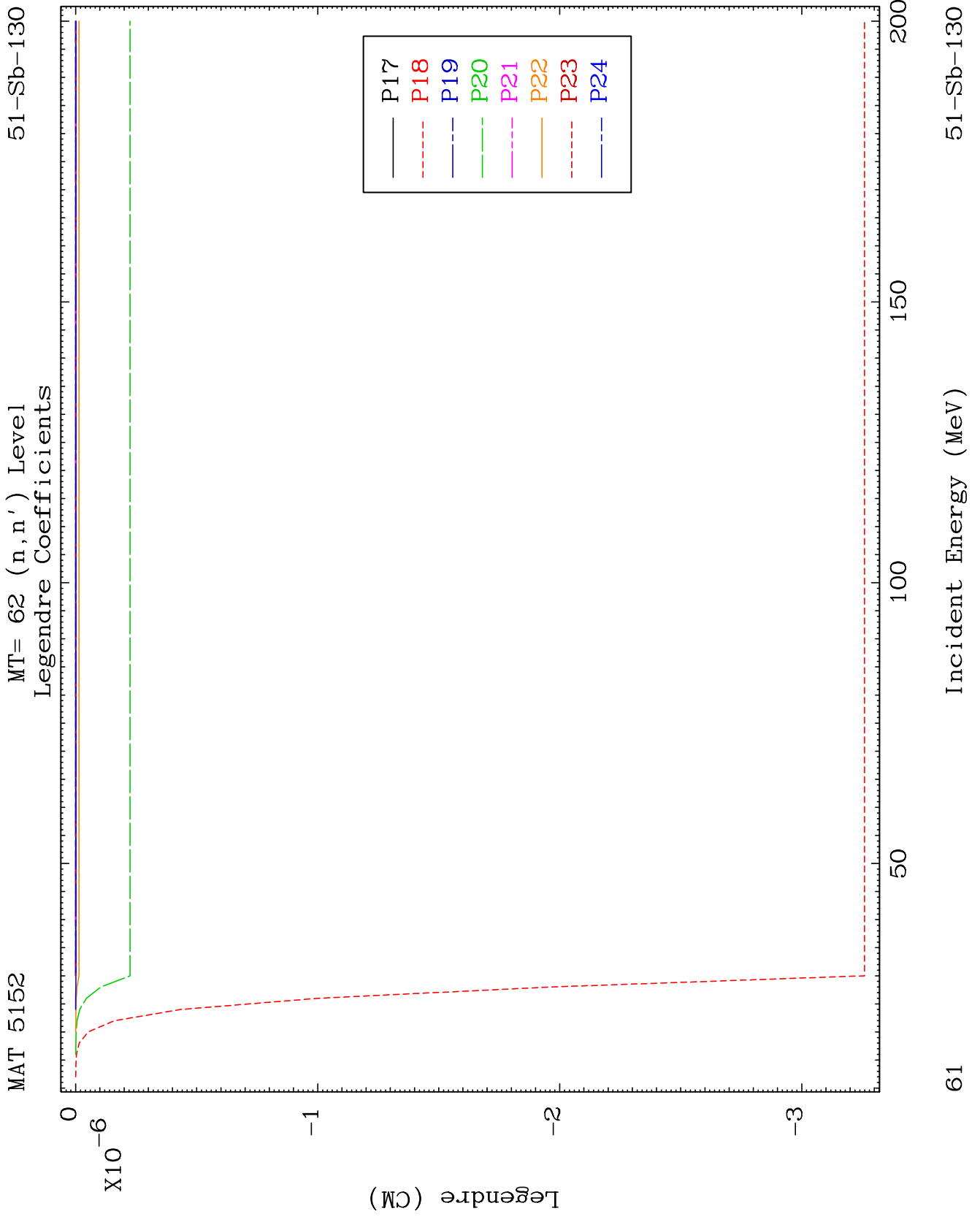
51-Sb-130

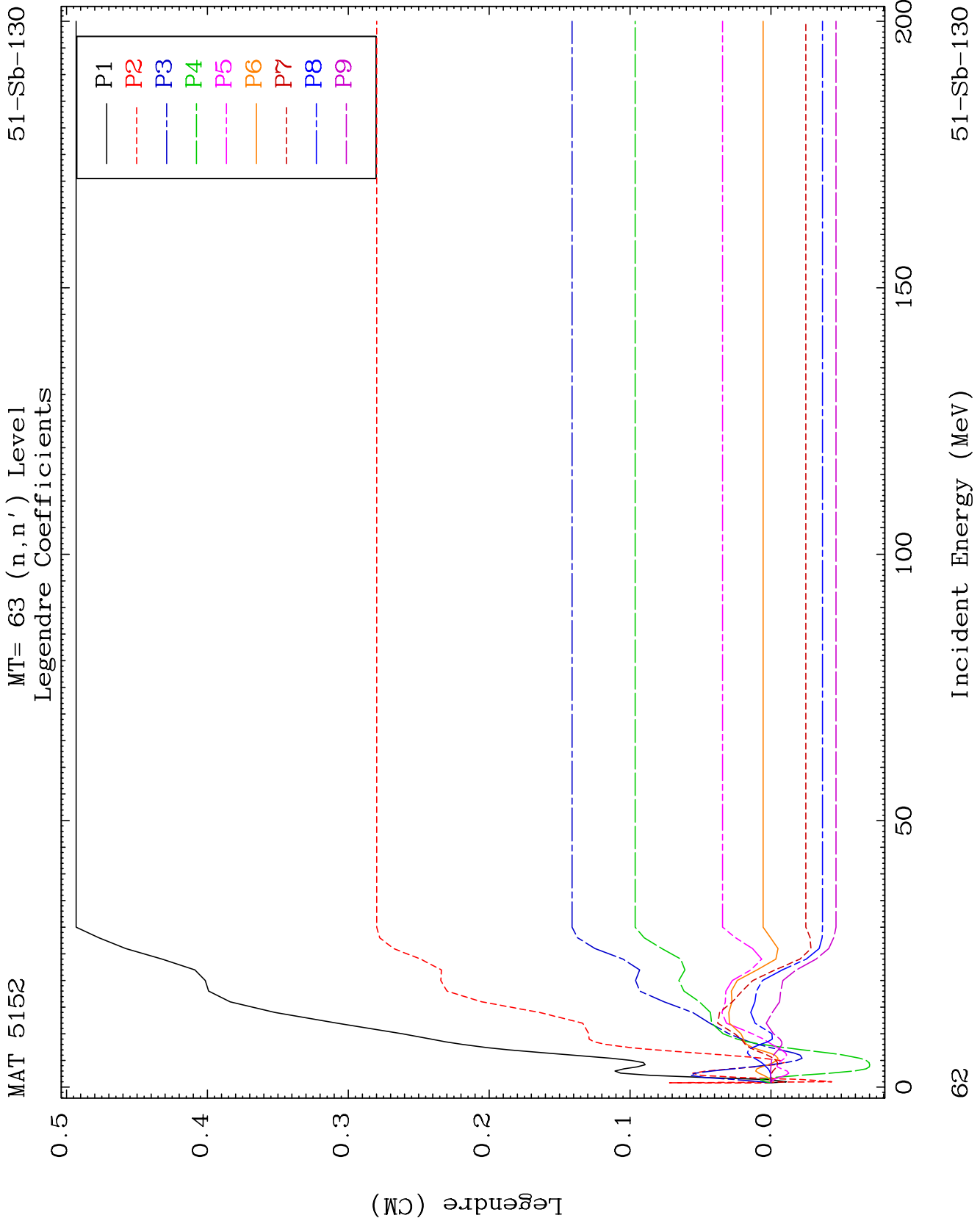
Incident Energy (MeV)

56





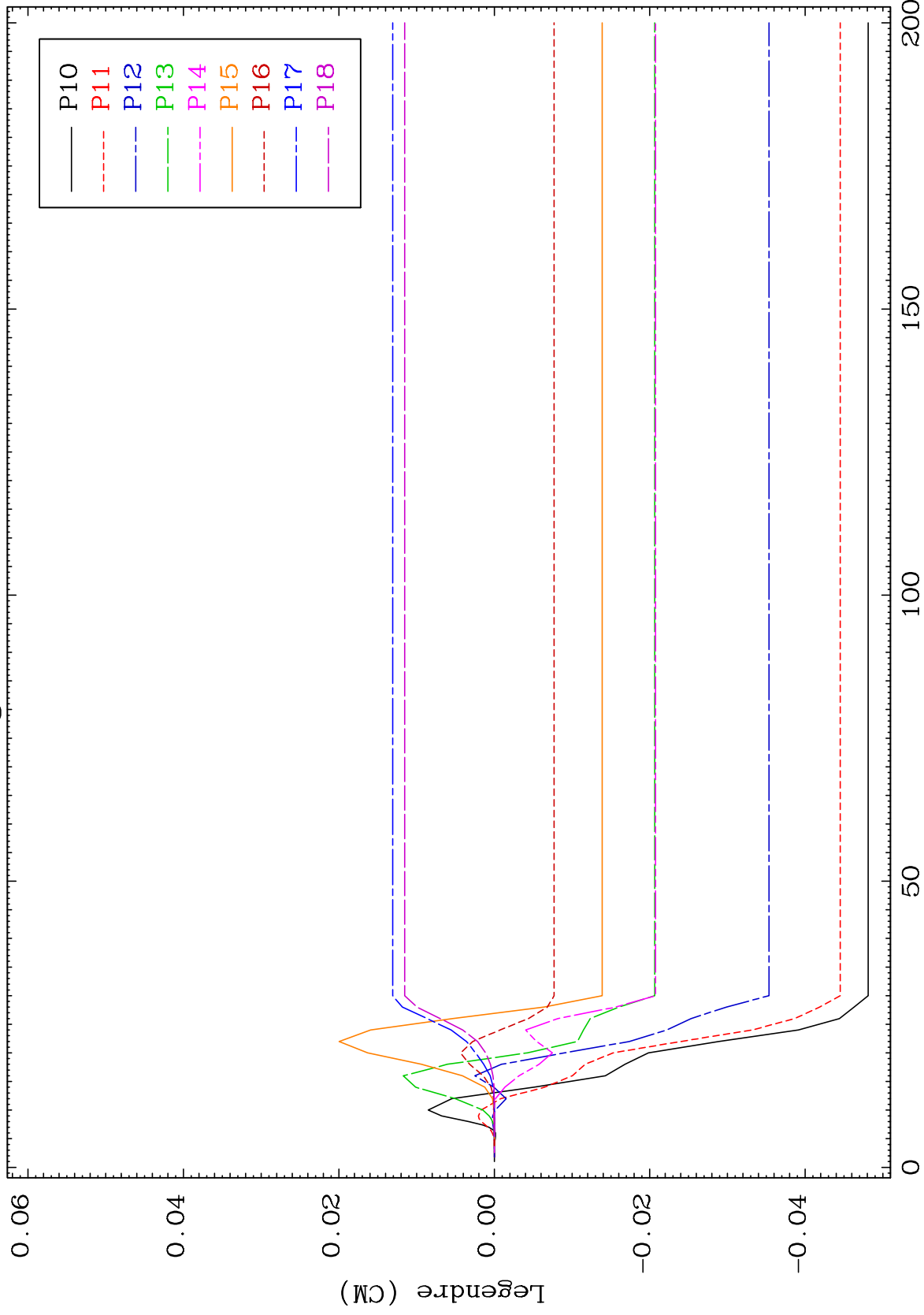




MAT 5152

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

51-Sb-130



63

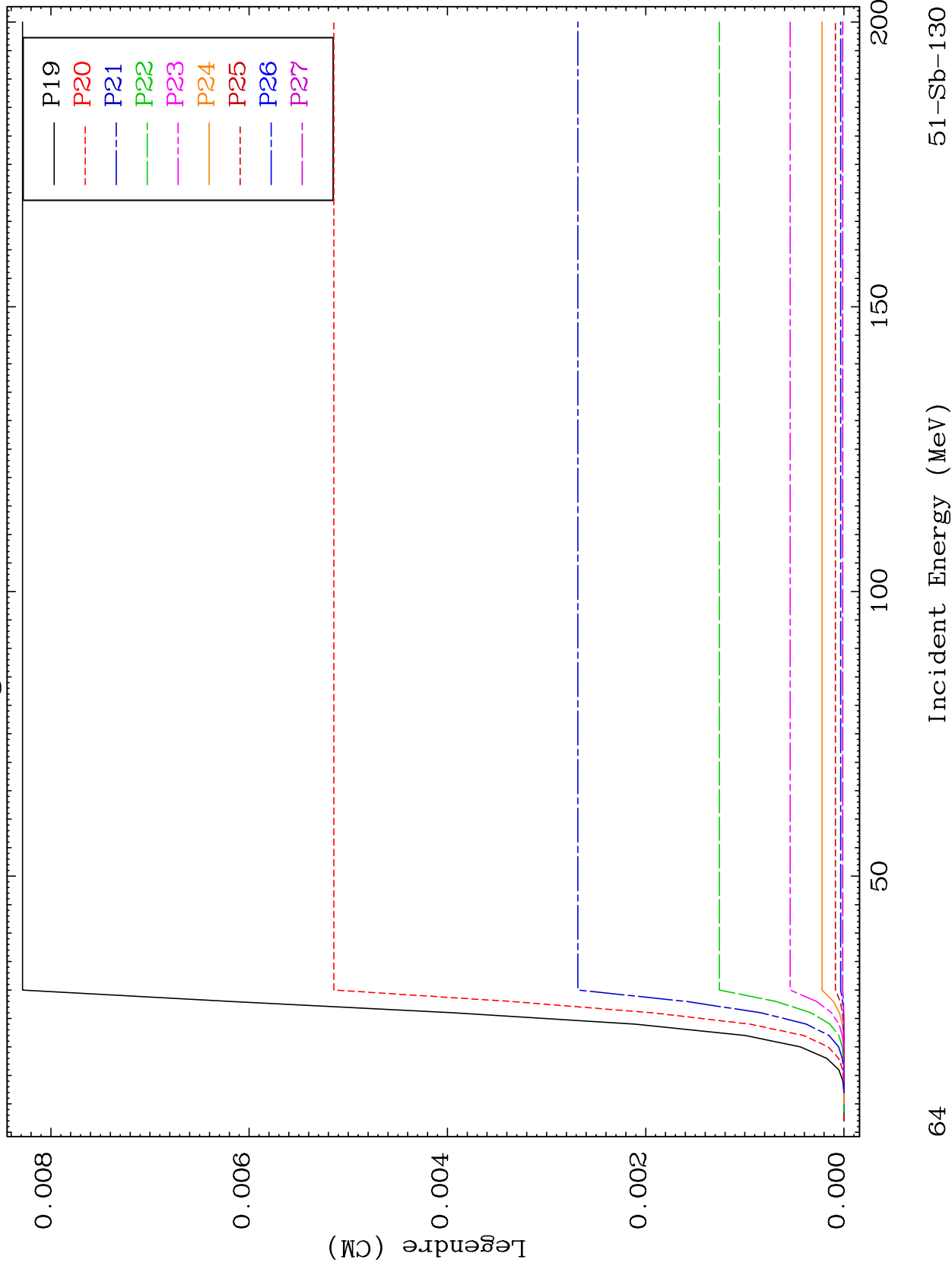
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



64

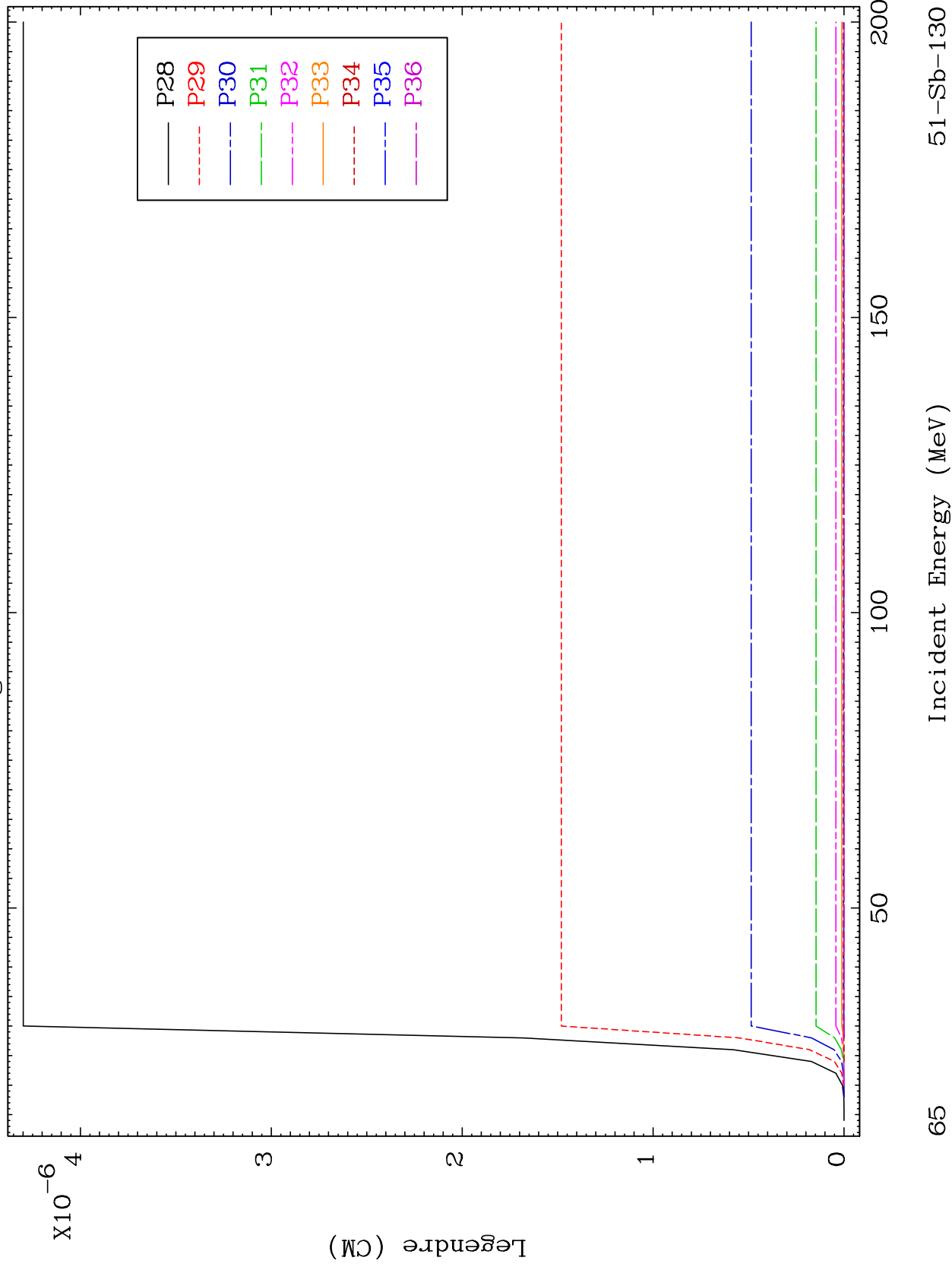
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

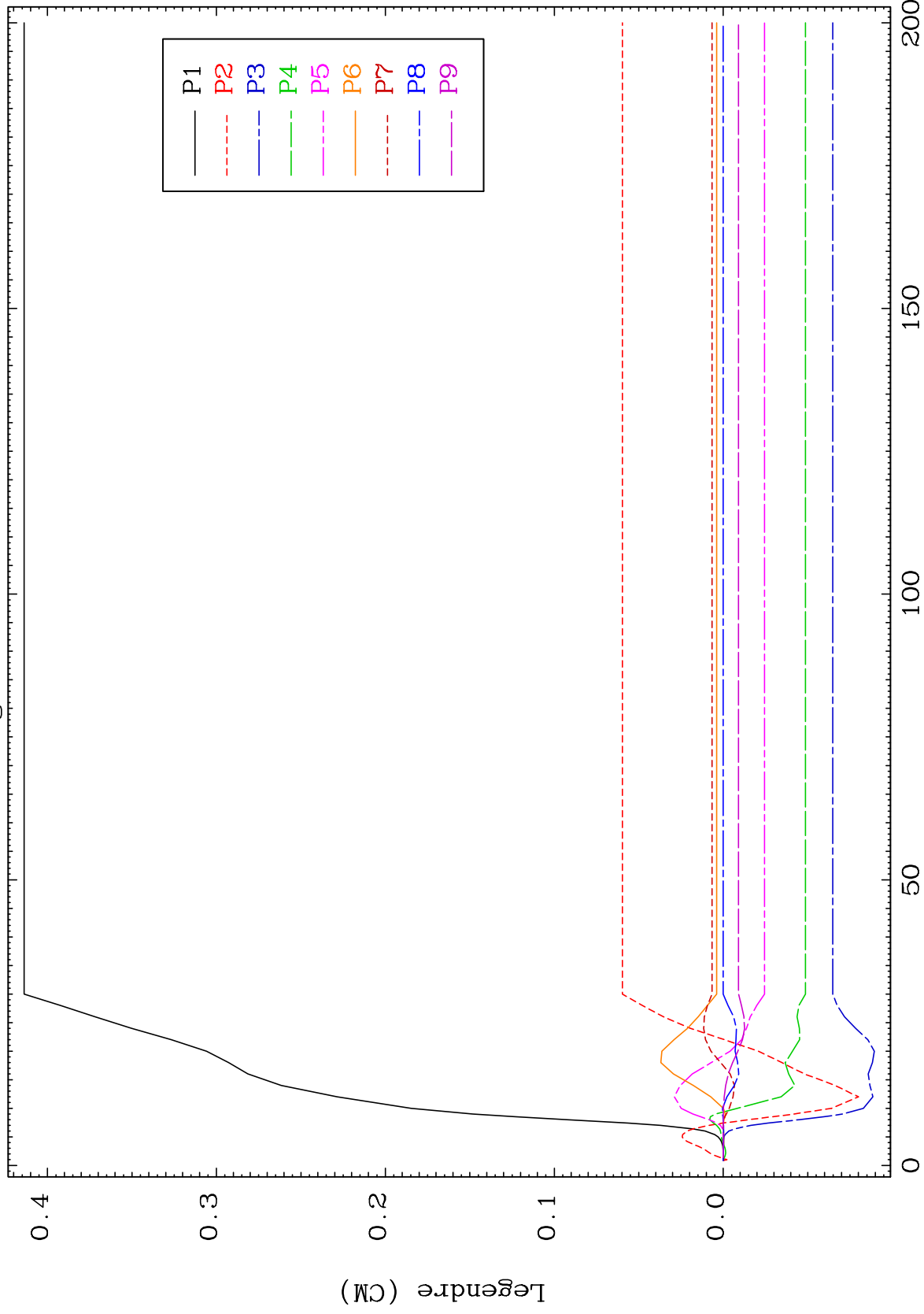
51-Sb-130



MAT 5152

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

51-Sb-130



66

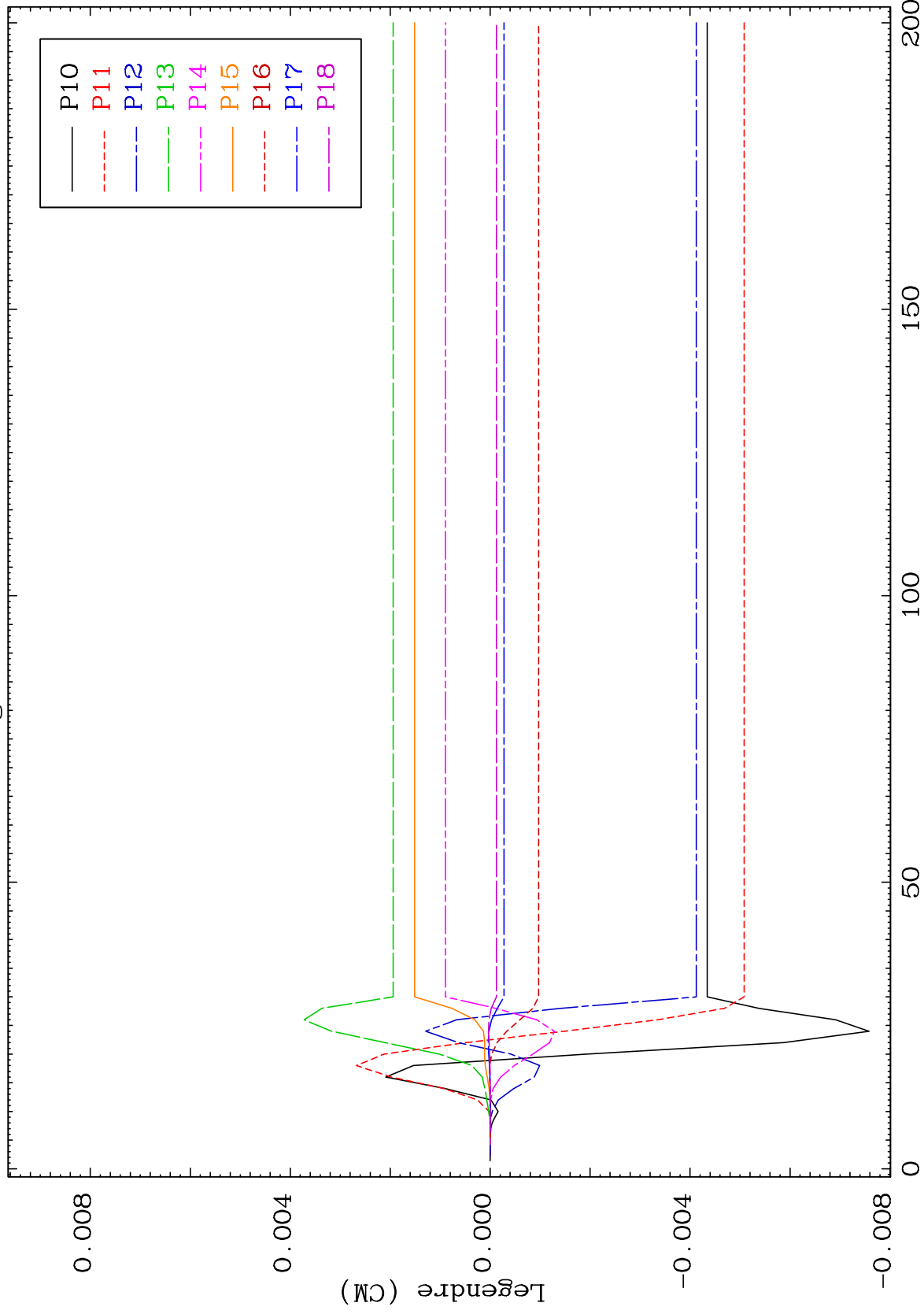
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



67

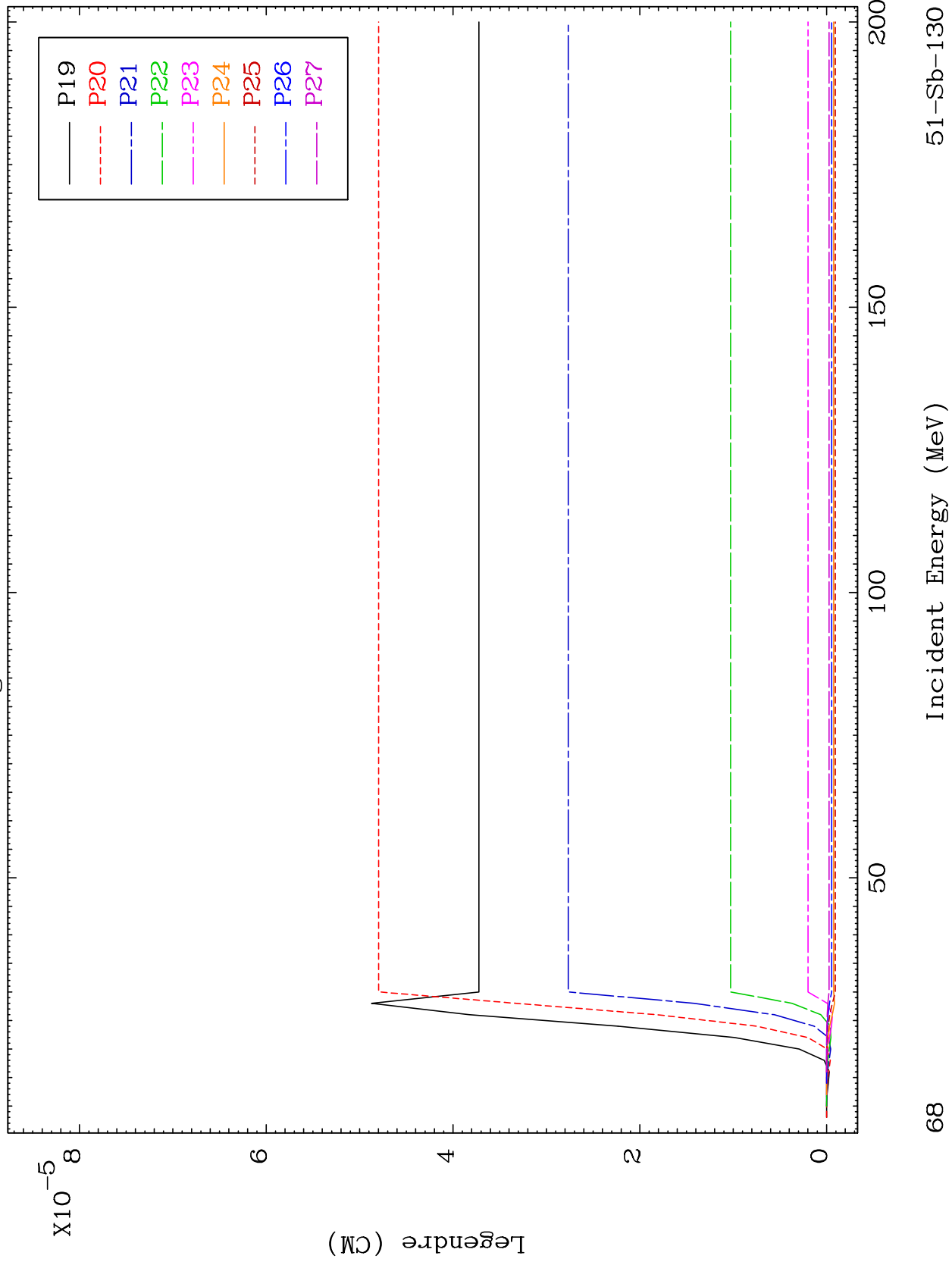
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130

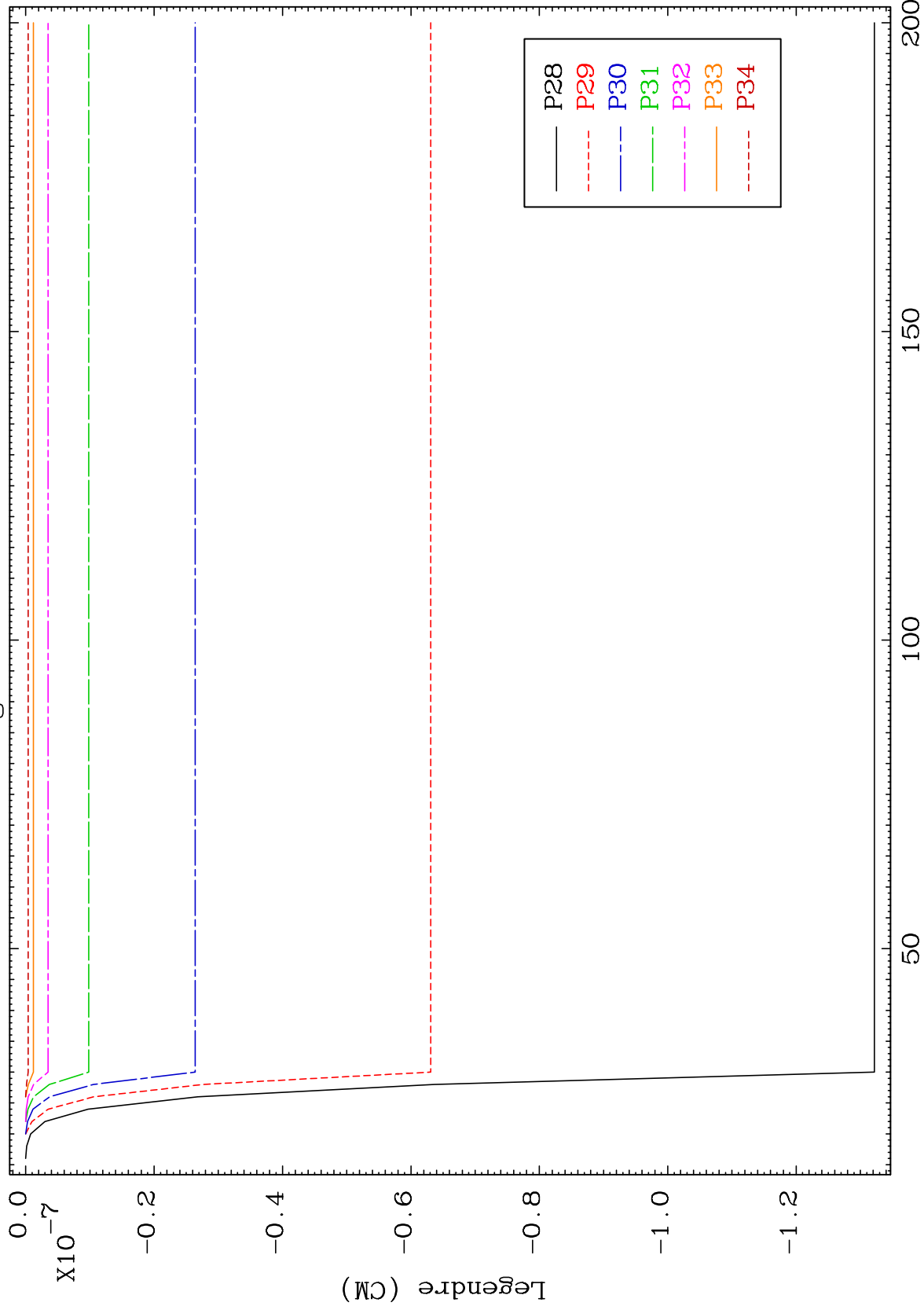


MAT 5152

MT= 64 (n,n') Level

51-Sb-130

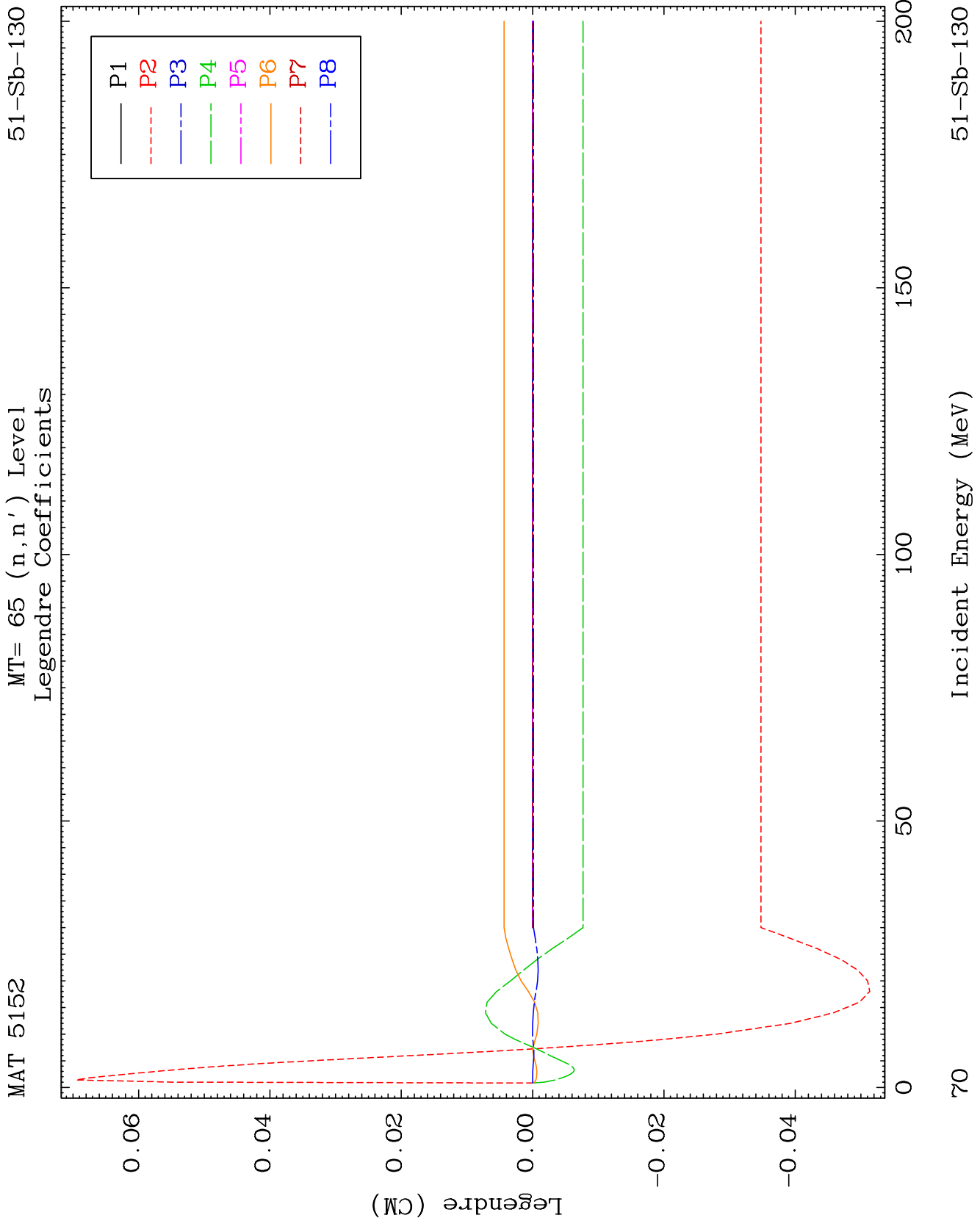
Legendre Coefficients



51-Sb-130

Incident Energy (MeV)

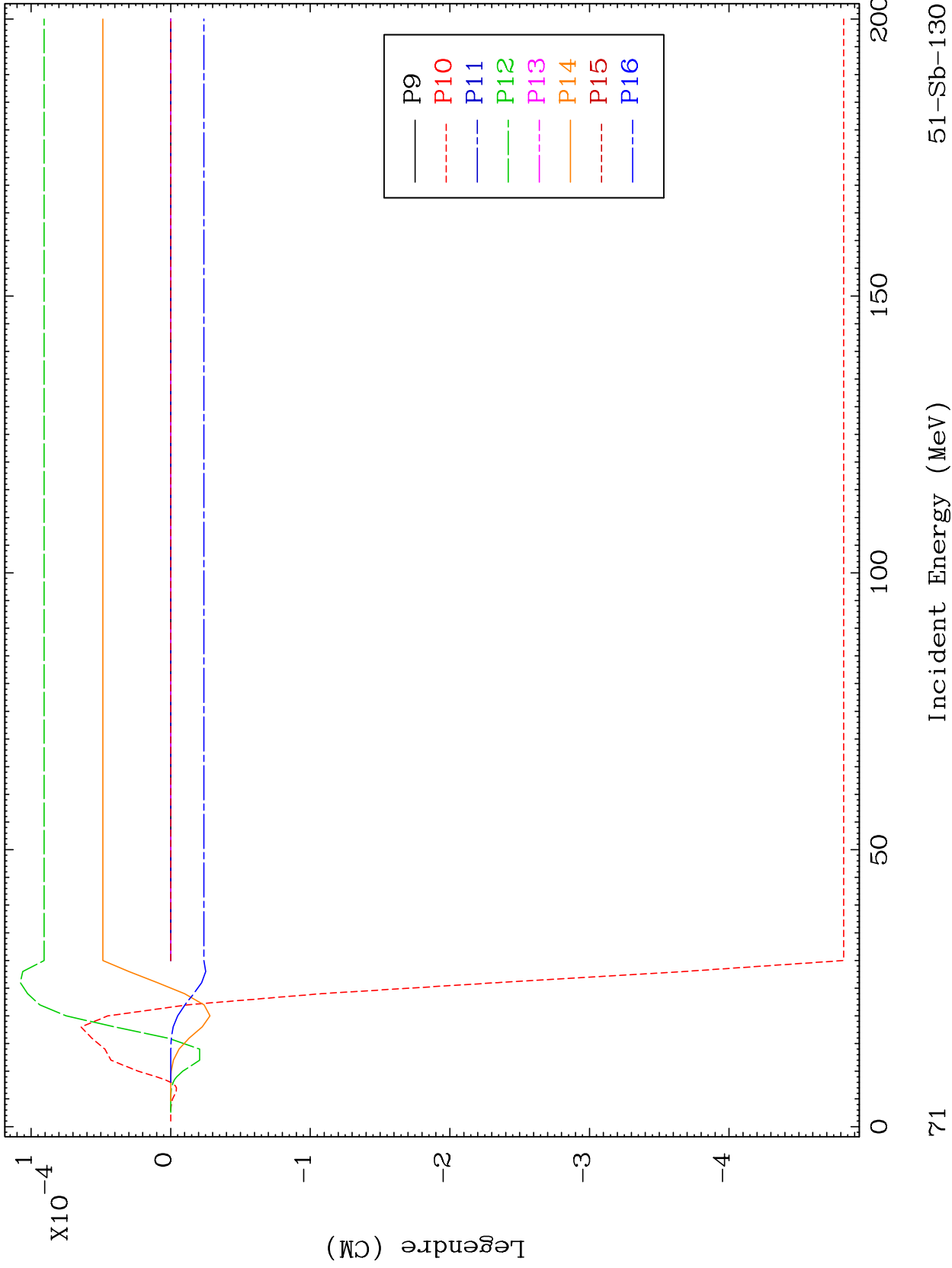
69



MAT 5152

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

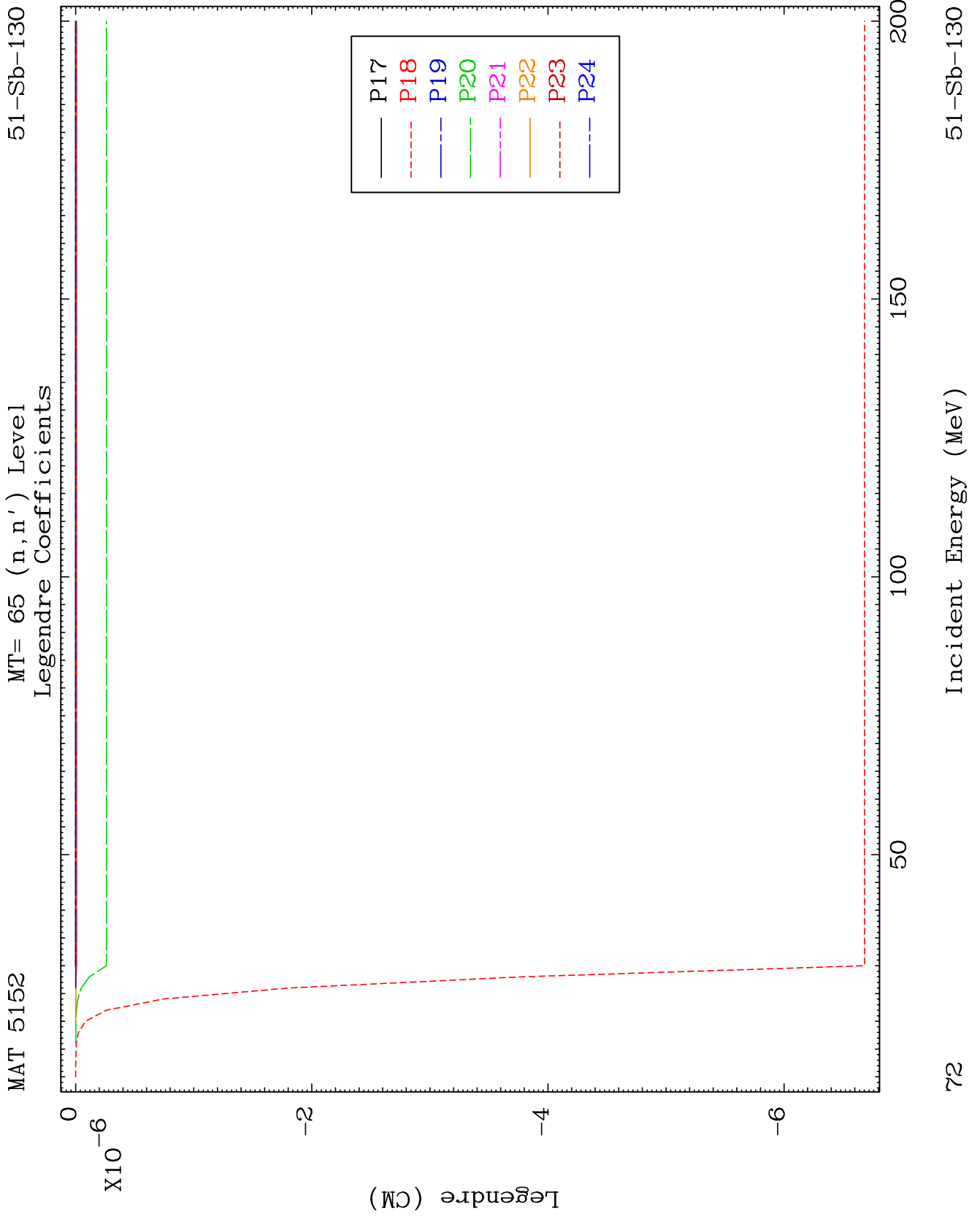
51-Sb-130



71

Incident Energy (MeV)

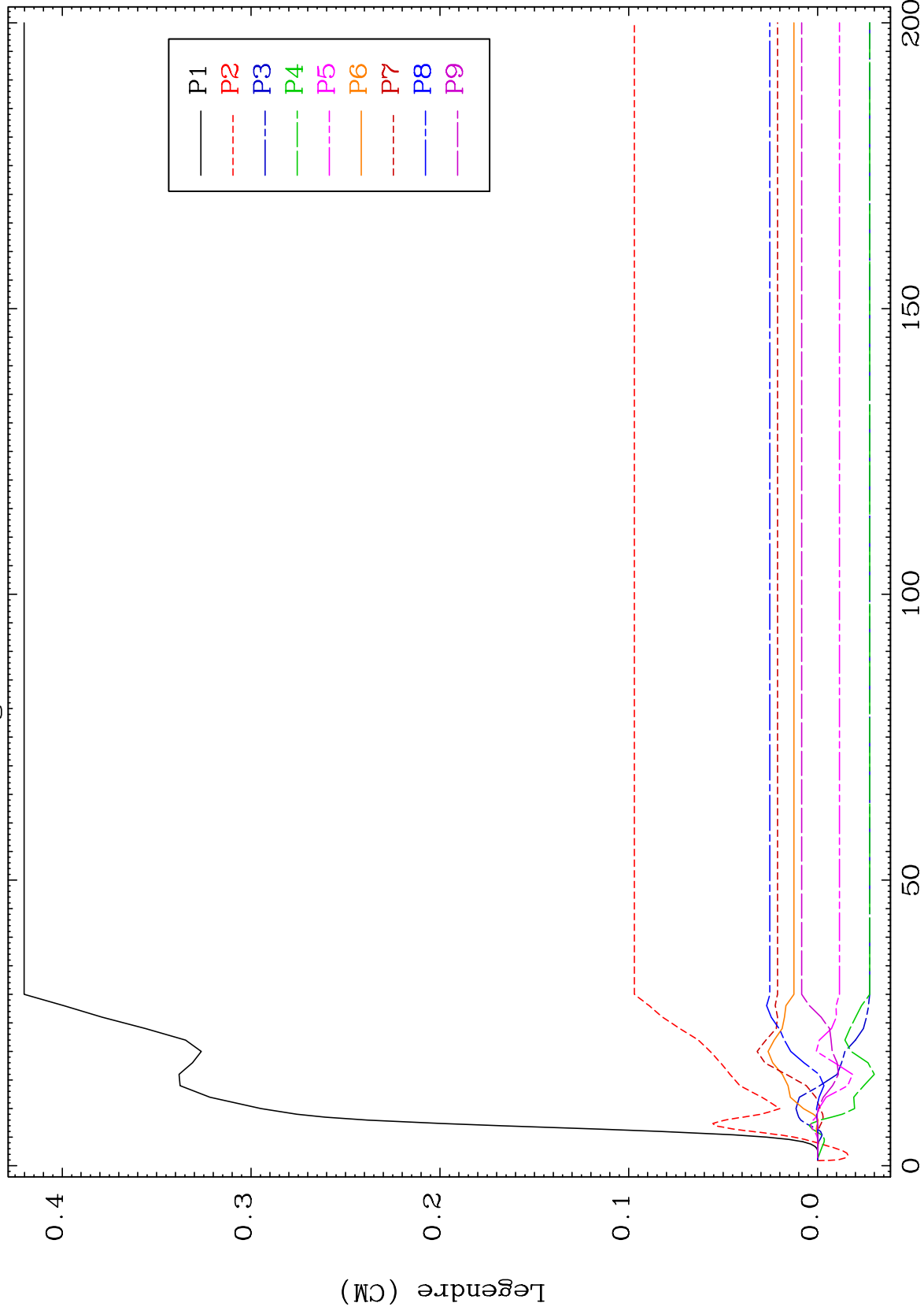
51-Sb-130



MAT 5152

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

51-Sb-130

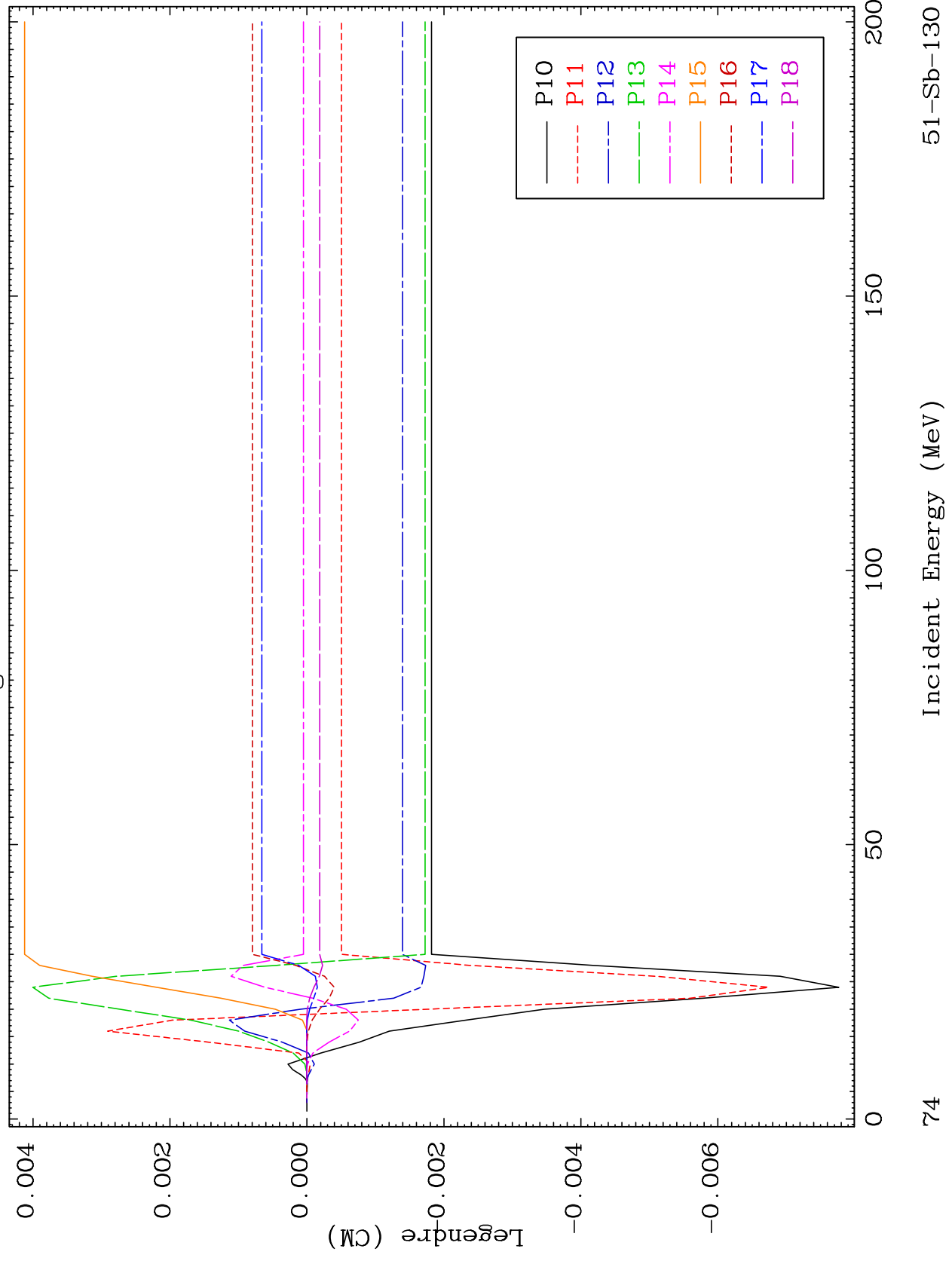


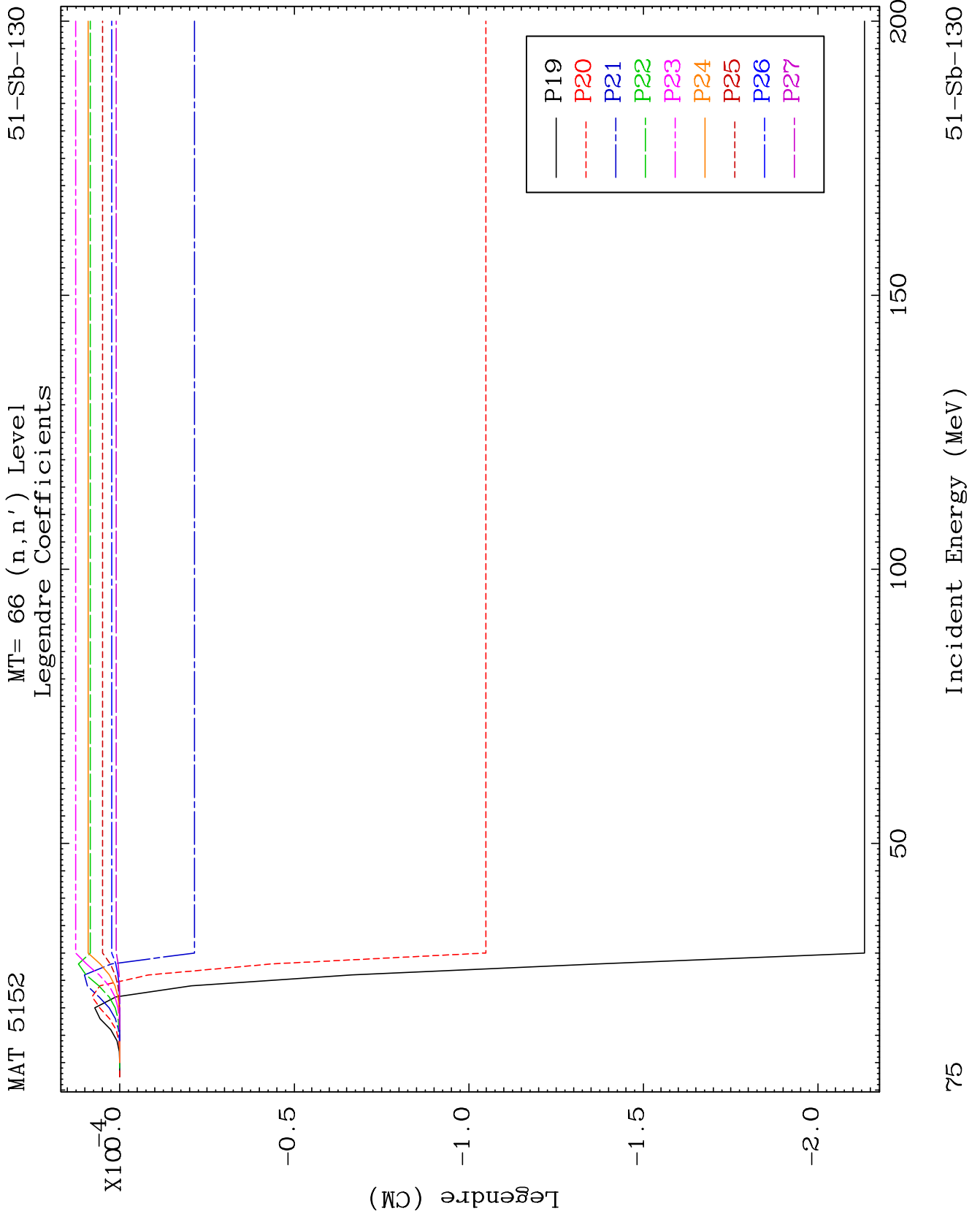
73

Incident Energy (MeV)

51-Sb-130

MAT 5152 MT= 66 (n,n') Level Legendre Coefficients 51-Sb-130

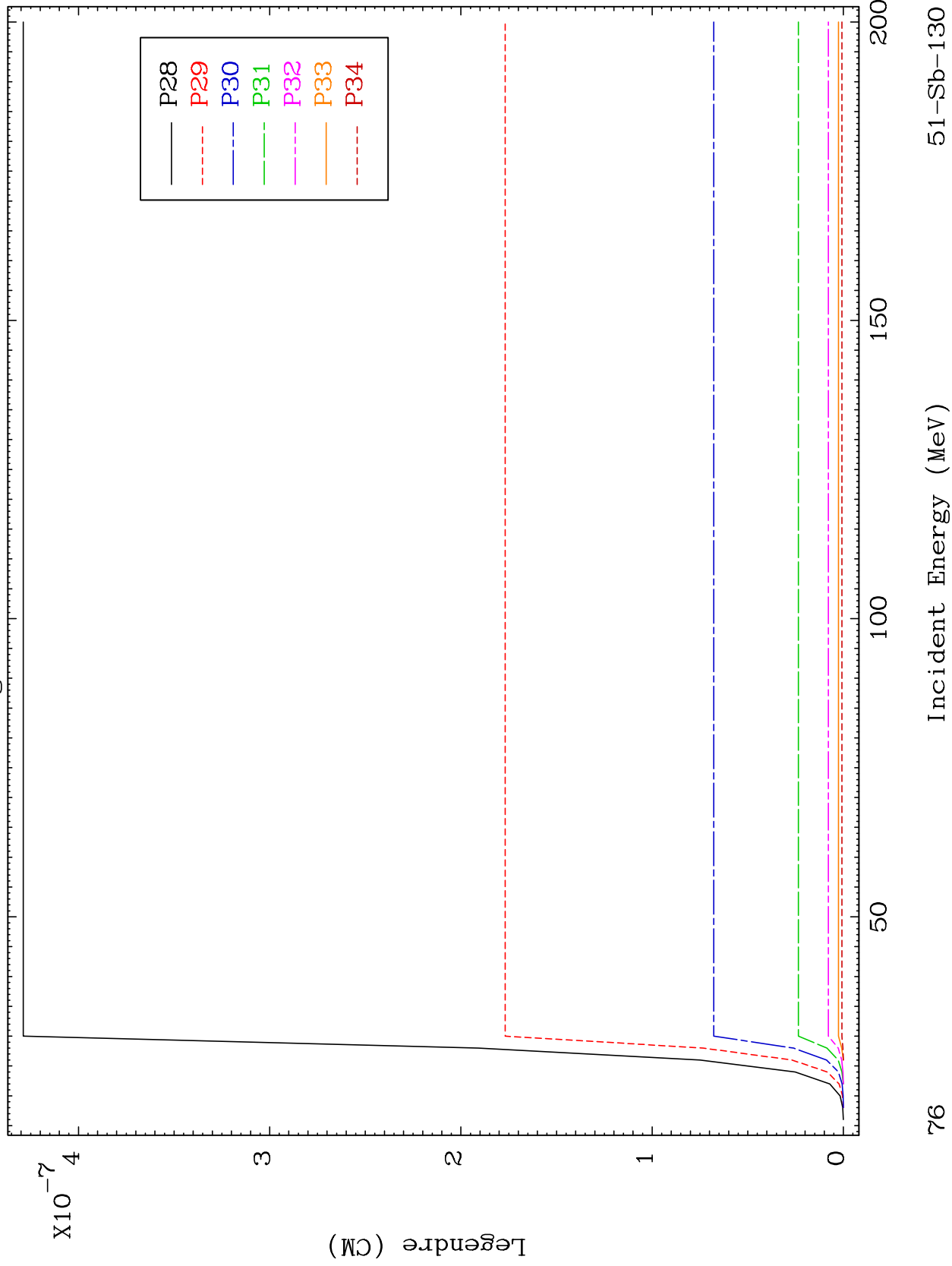


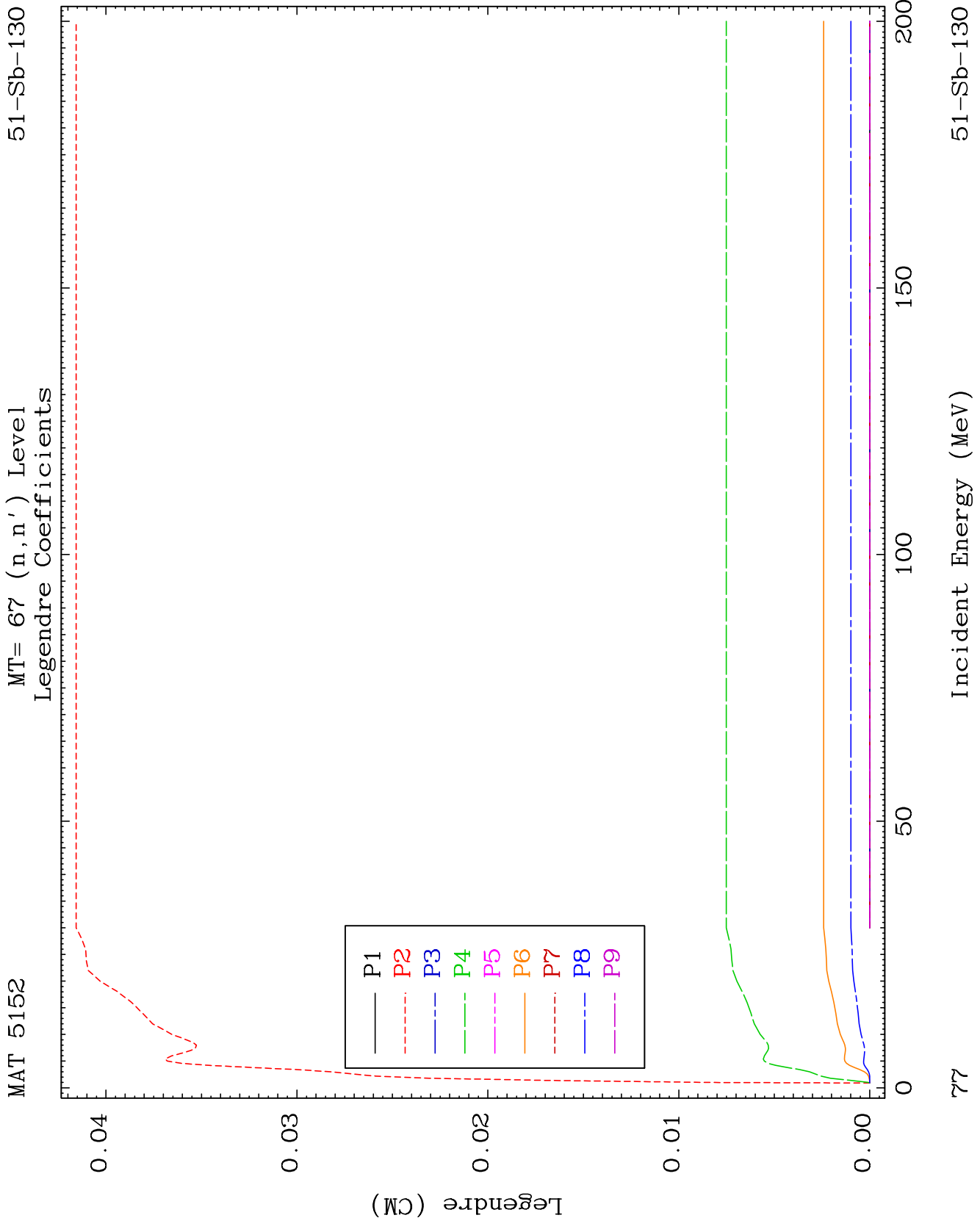


MAT 5152

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

51-Sb-130

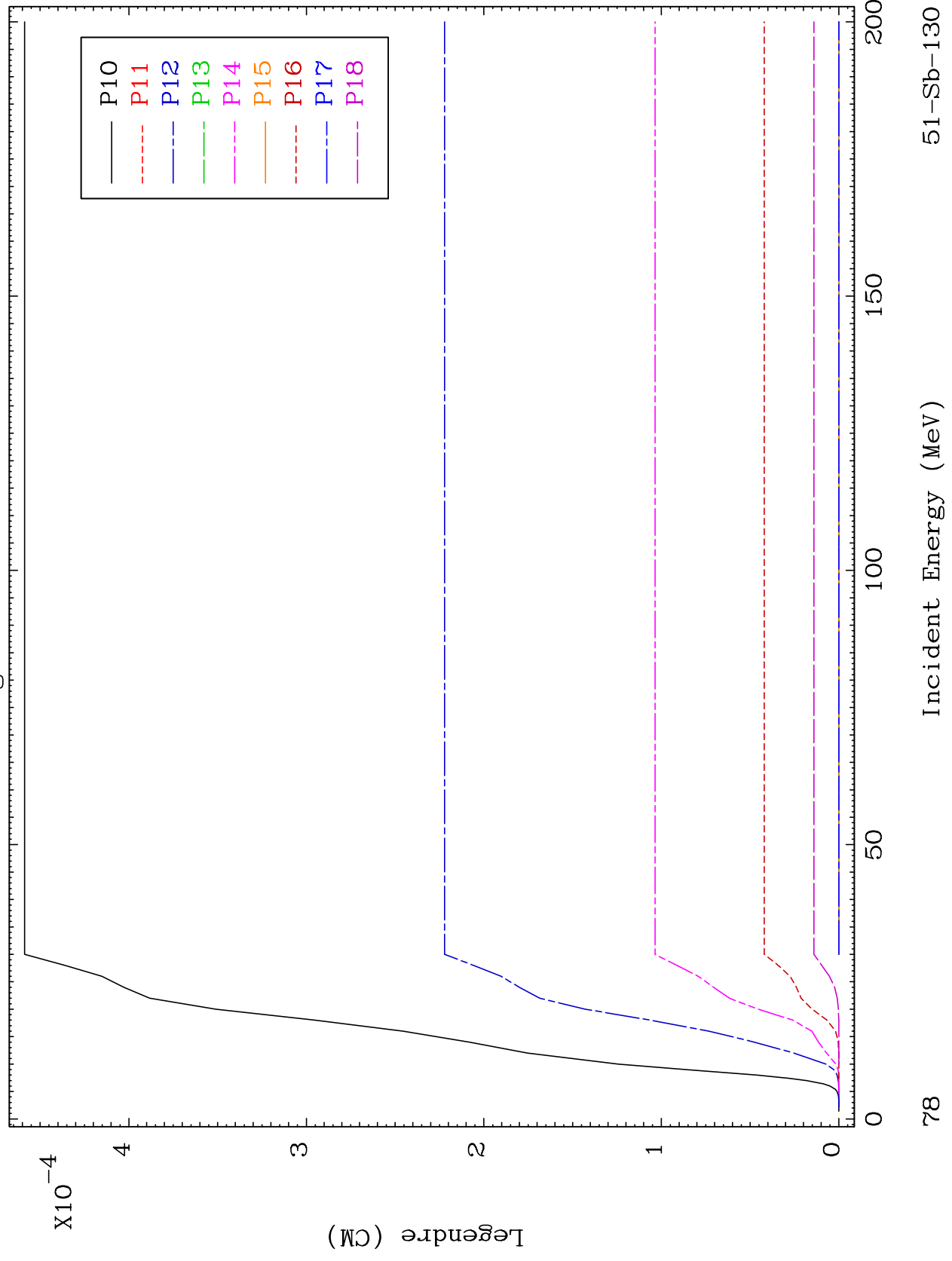




MAT 5152

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

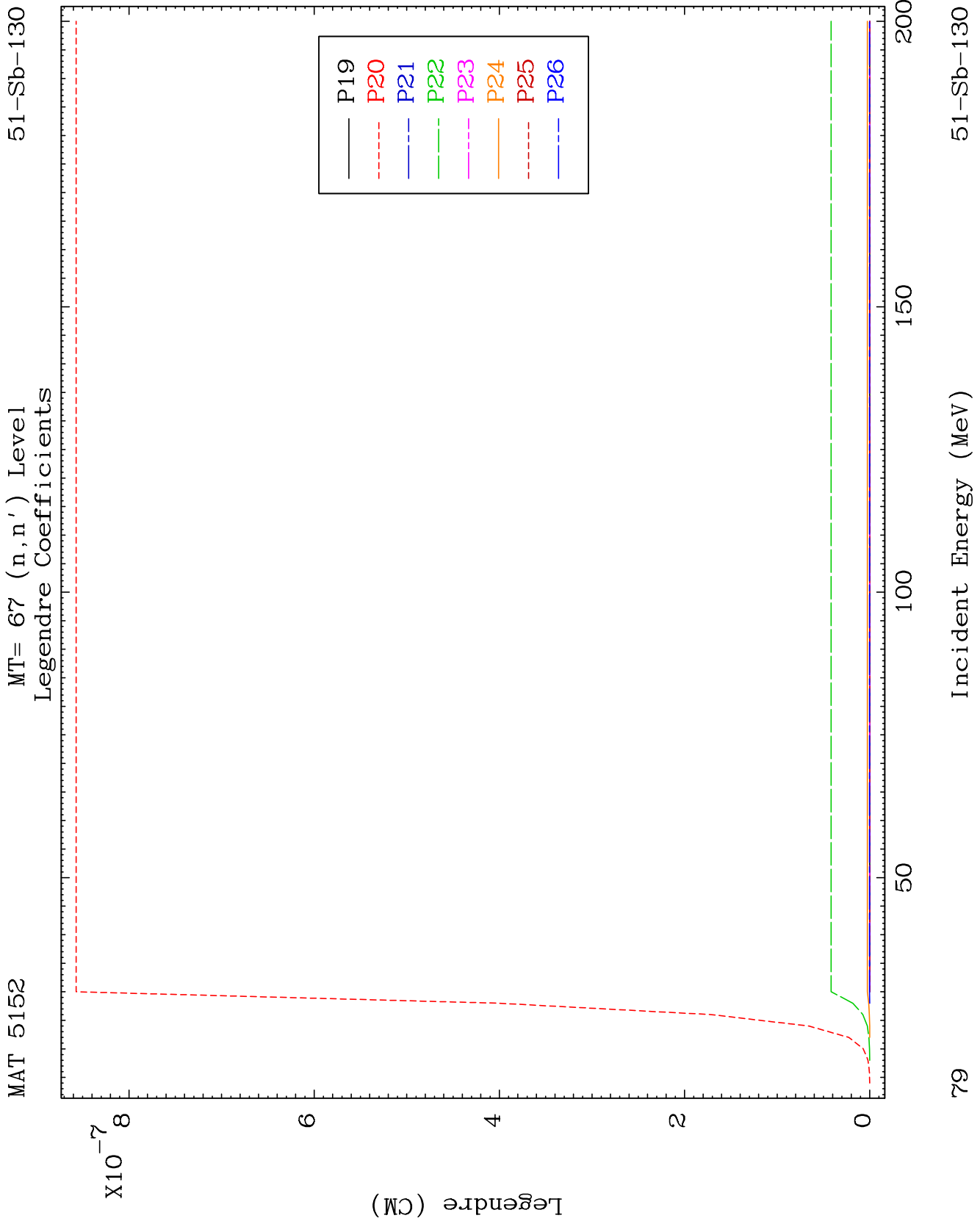
51-Sb-130



78

Incident Energy (MeV)

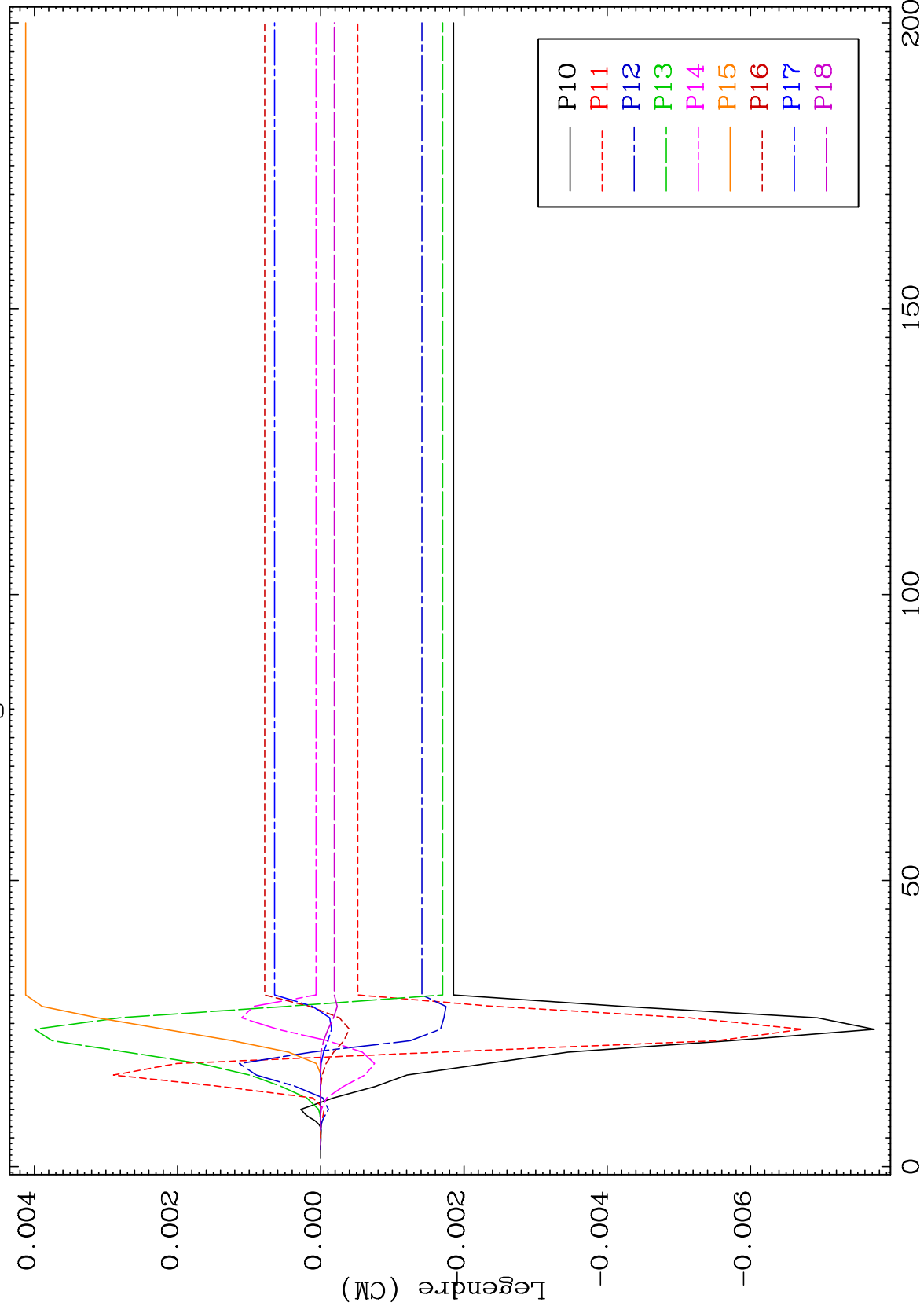
51-Sb-130



MAT 5152

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

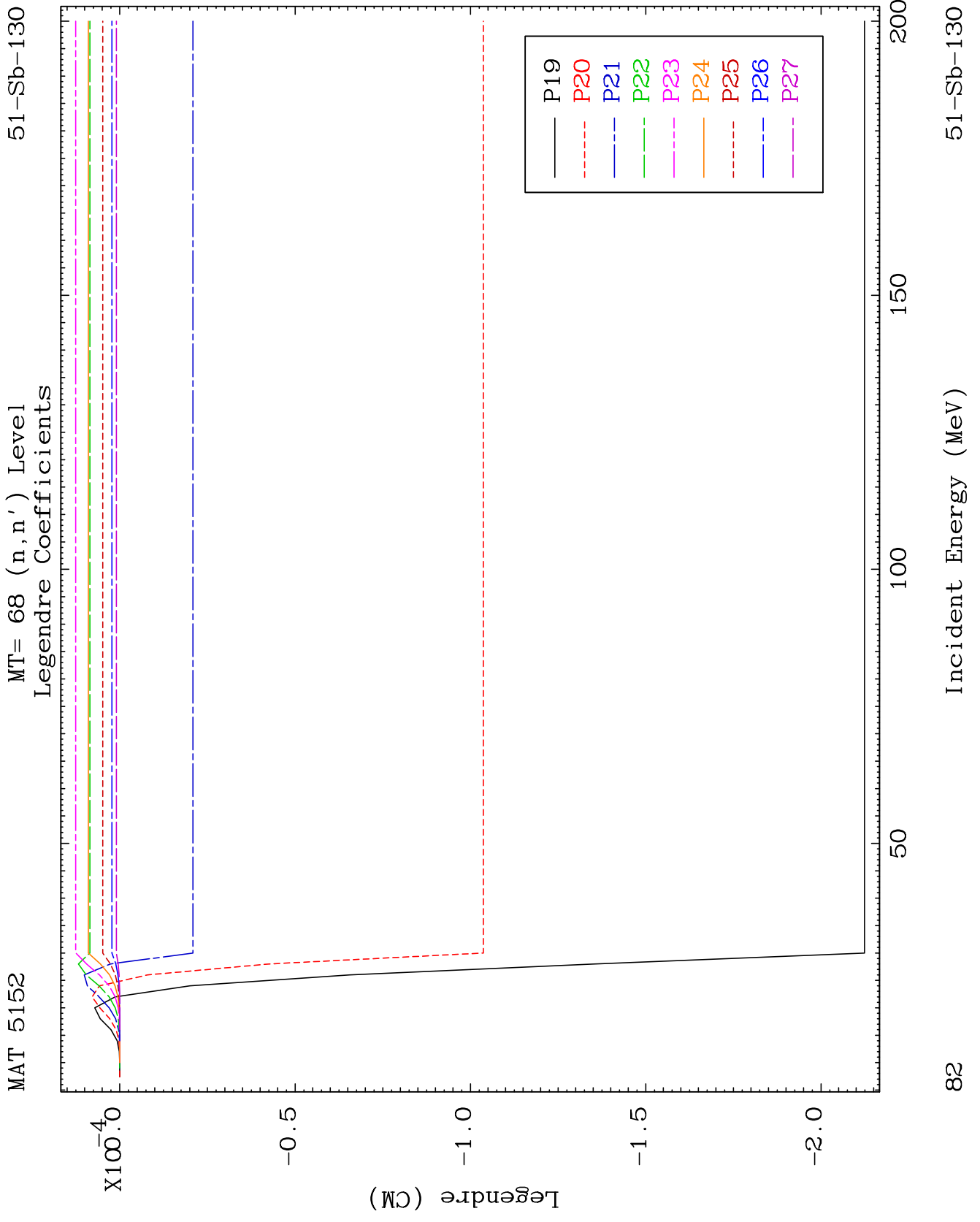
51-Sb-130



81

Incident Energy (MeV)

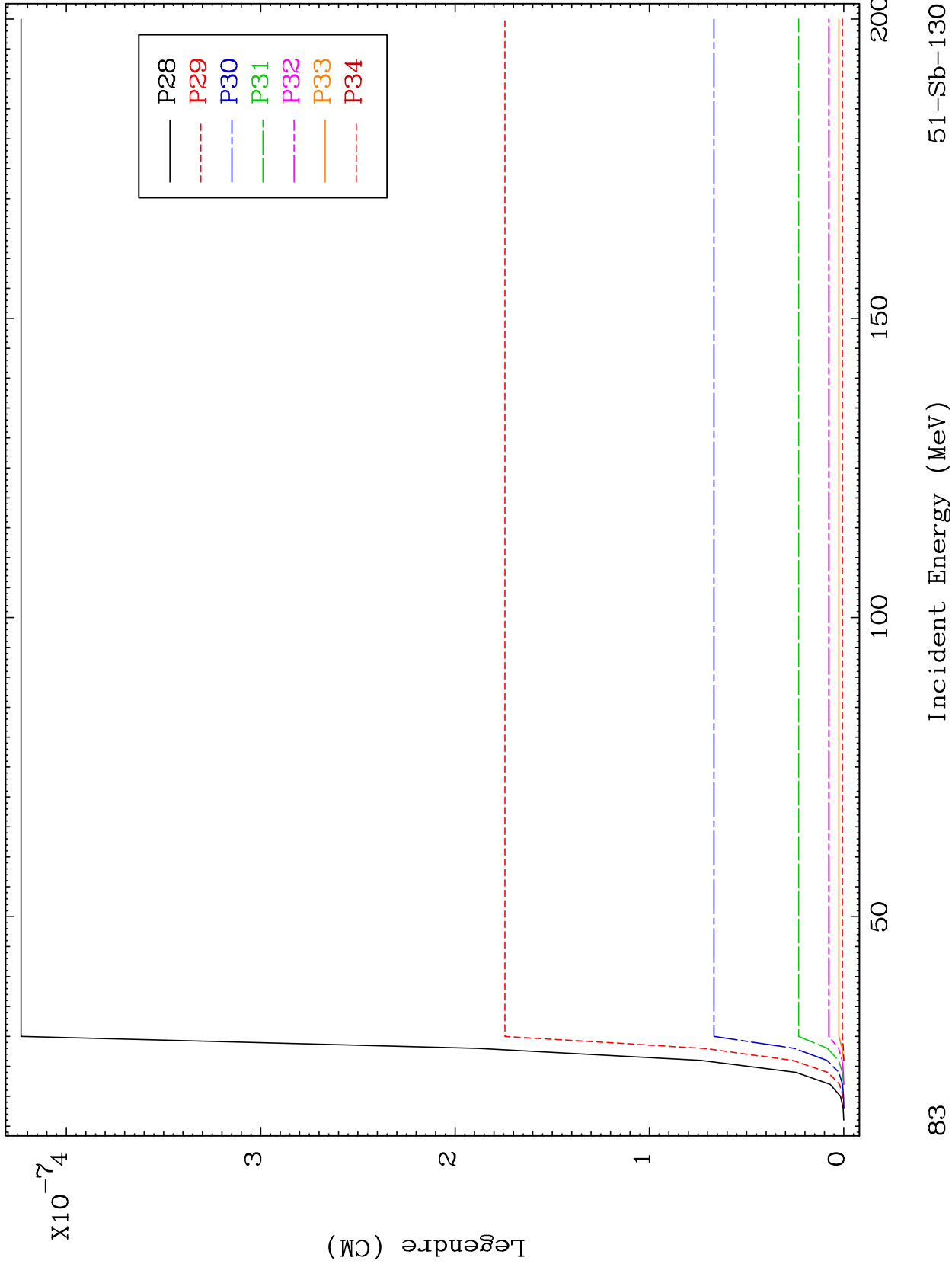
51-Sb-130



MAT 5152

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

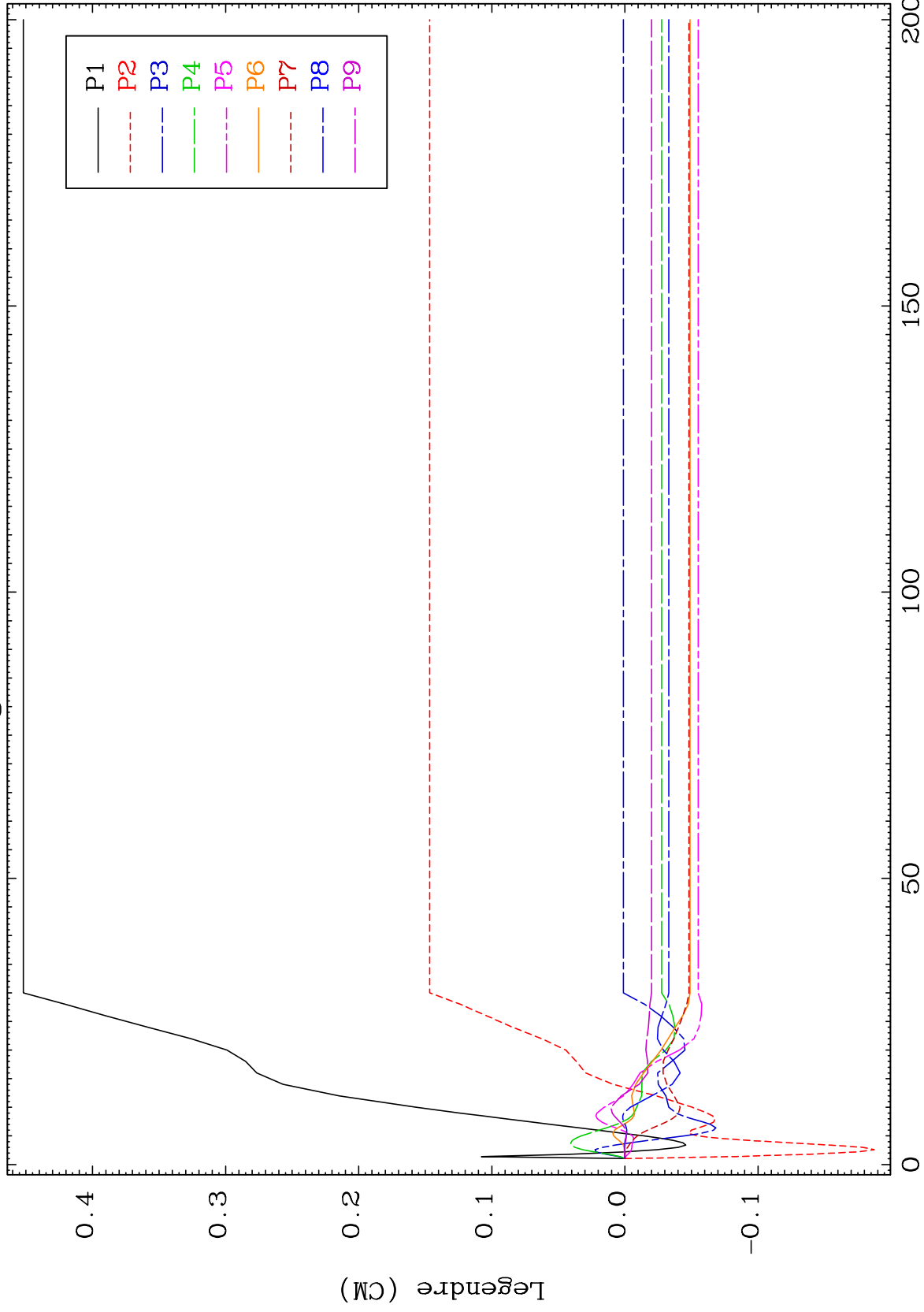
51-Sb-130



MAT 5152

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

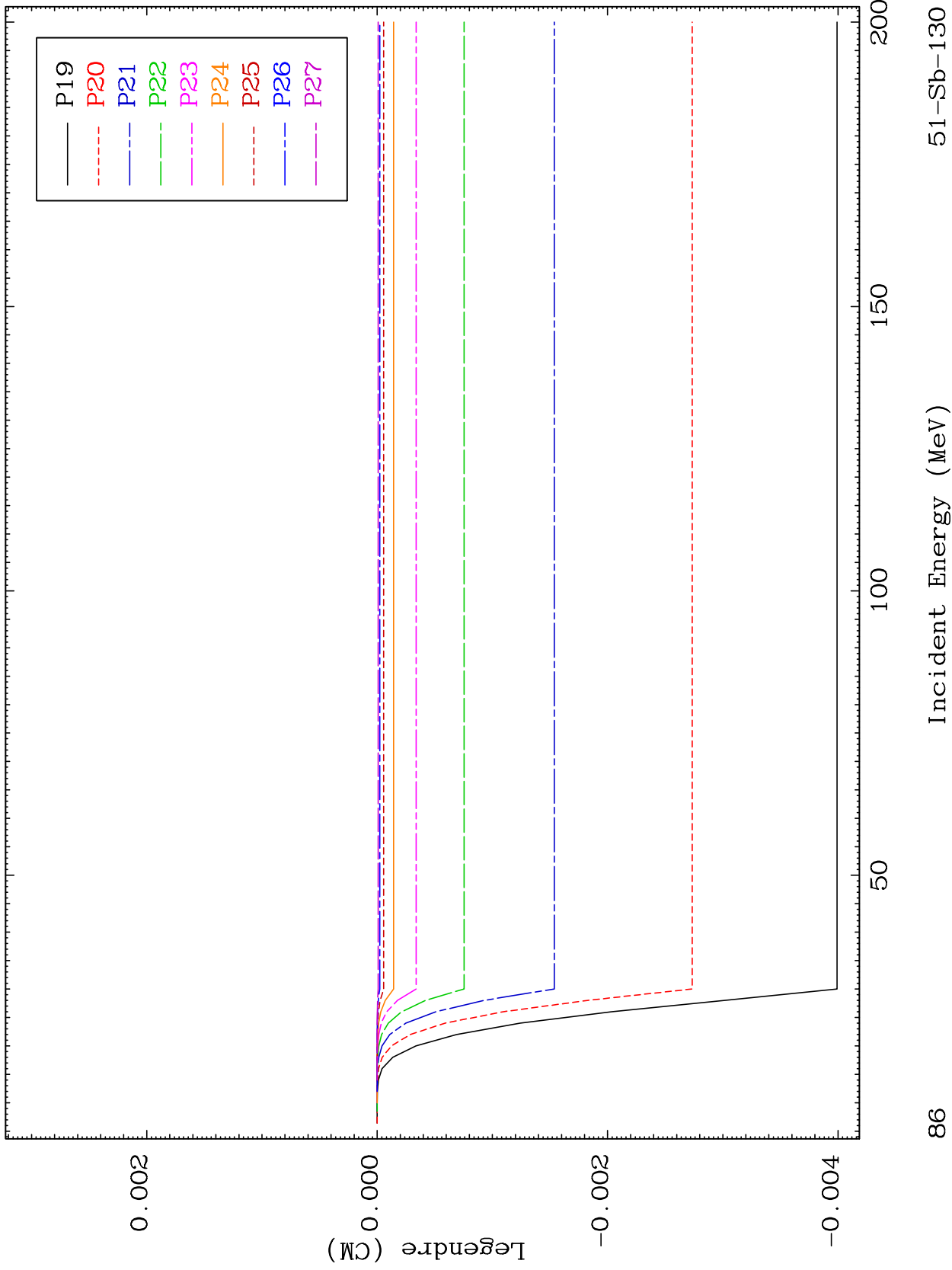
51-Sb-130

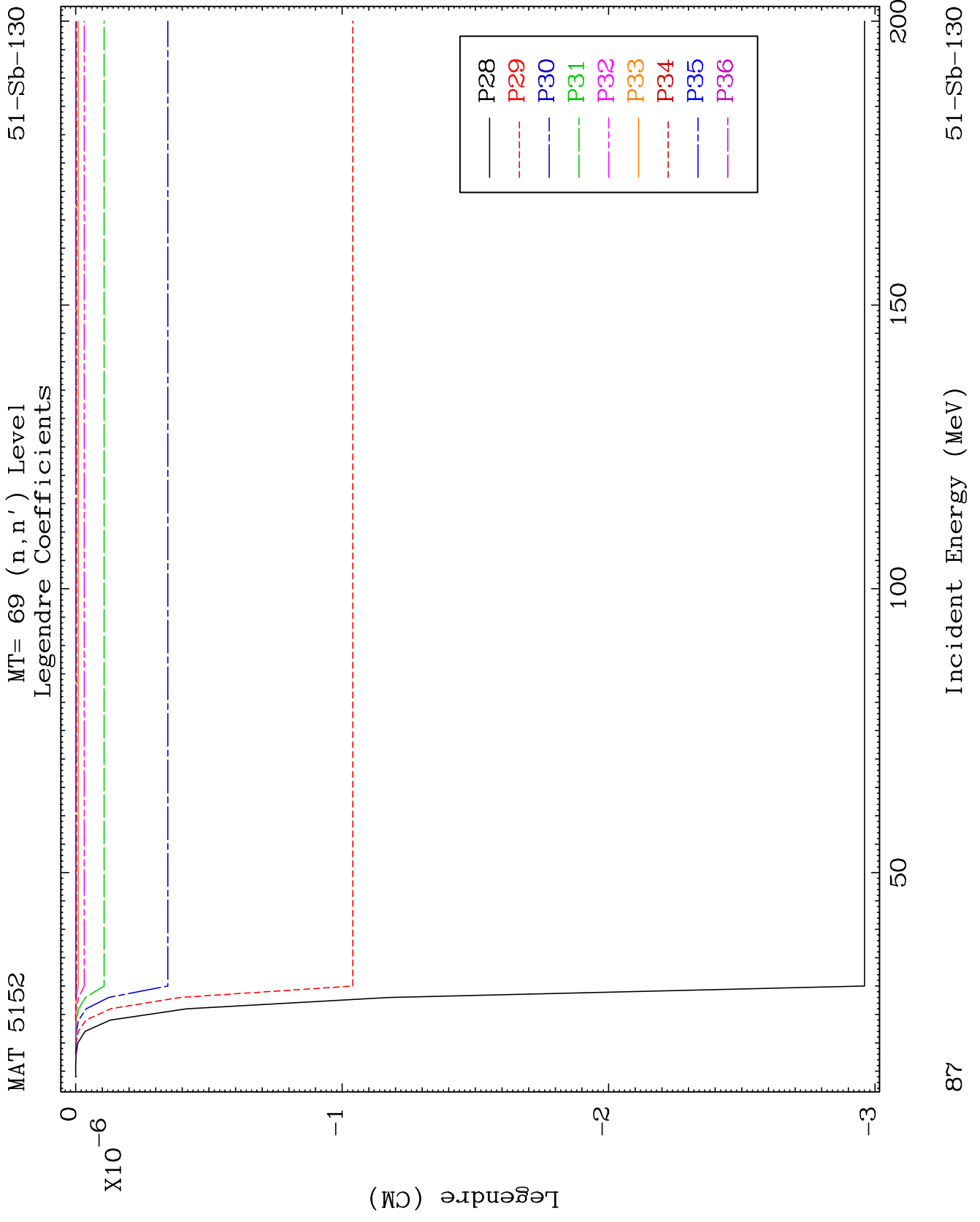


51-Sb-130

Incident Energy (MeV)

84

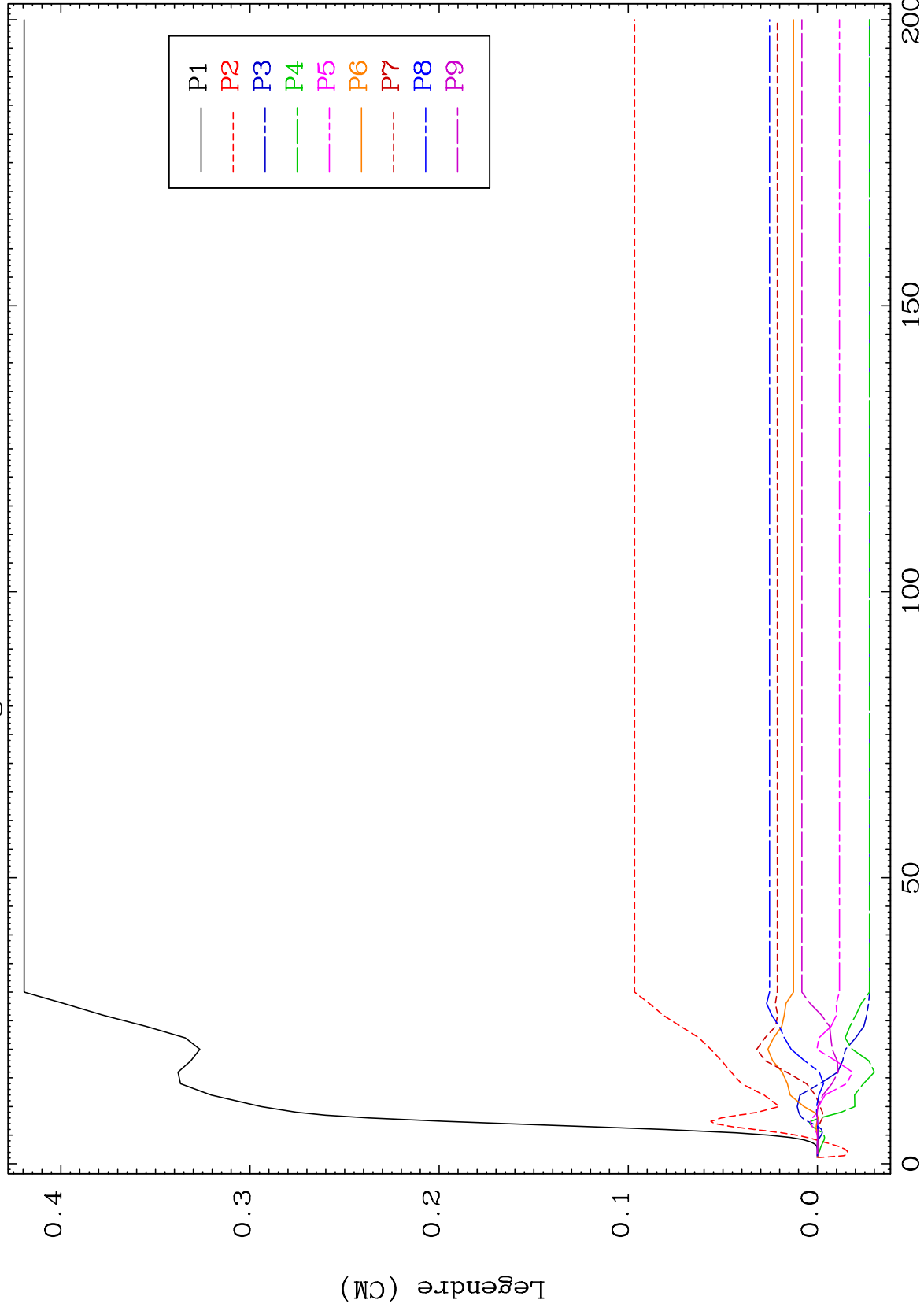




MAT 5152

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

51-Sb-130



51-Sb-130

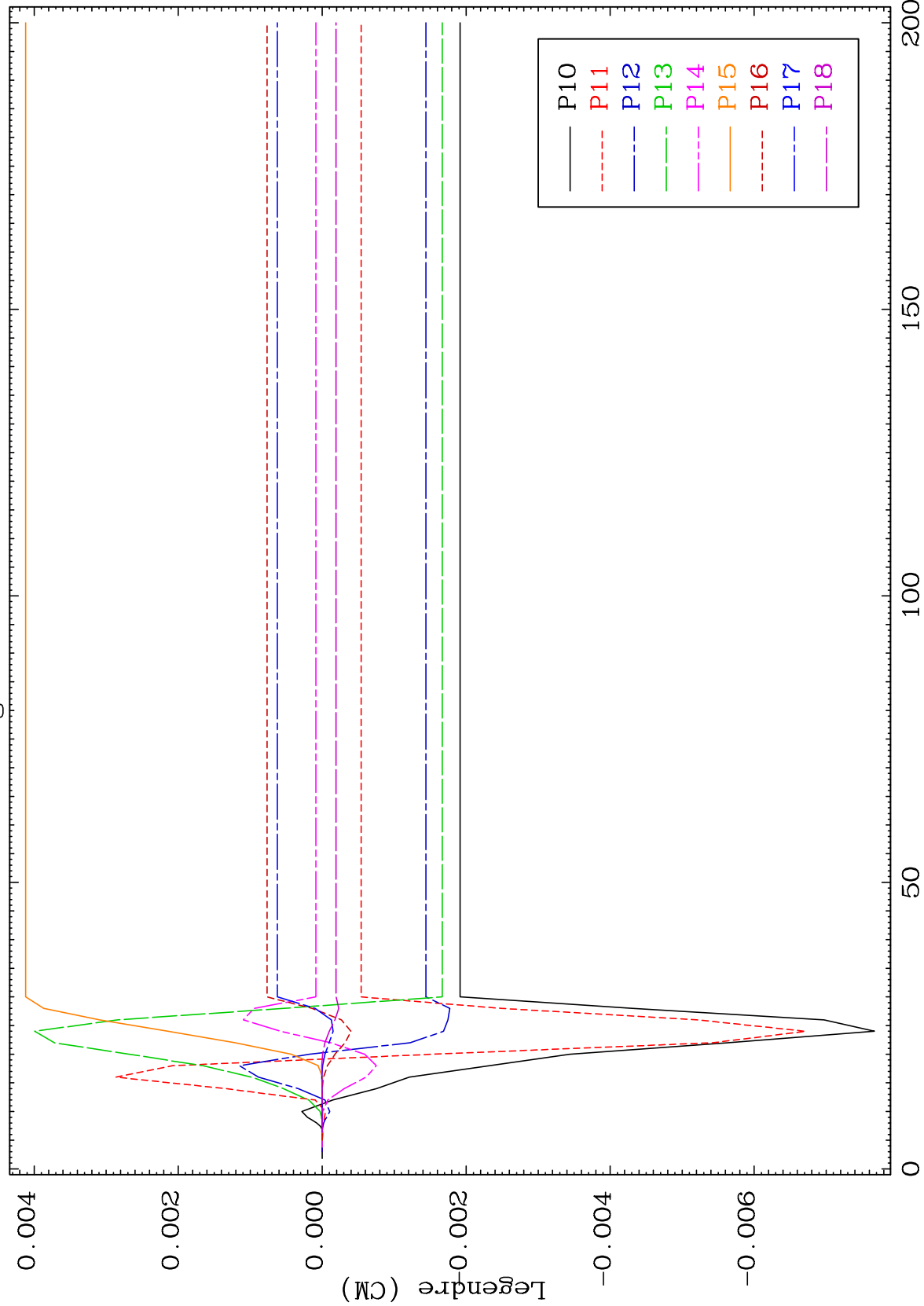
Incident Energy (MeV)

88

MAT 5152

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

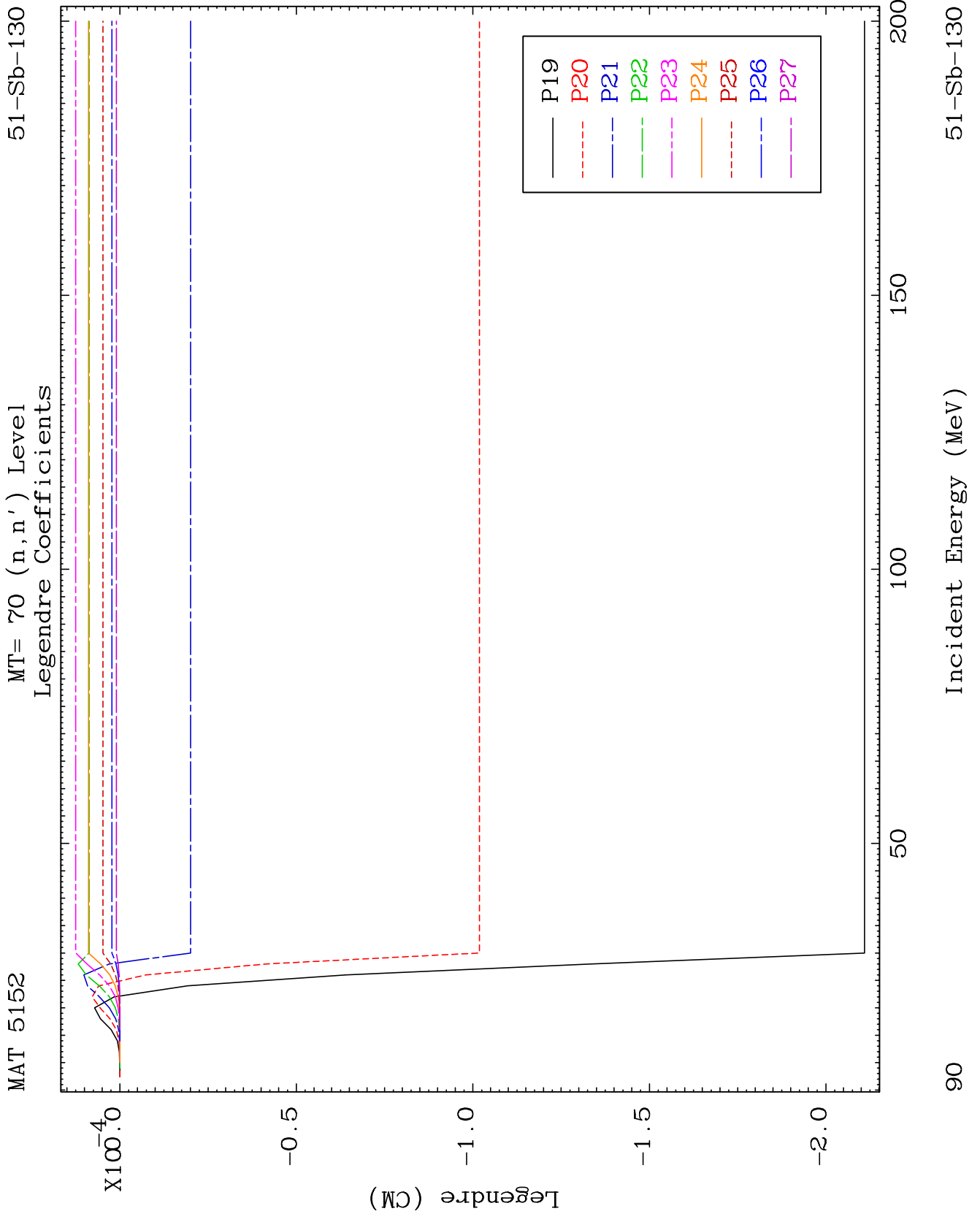
51-Sb-130



89

Incident Energy (MeV)

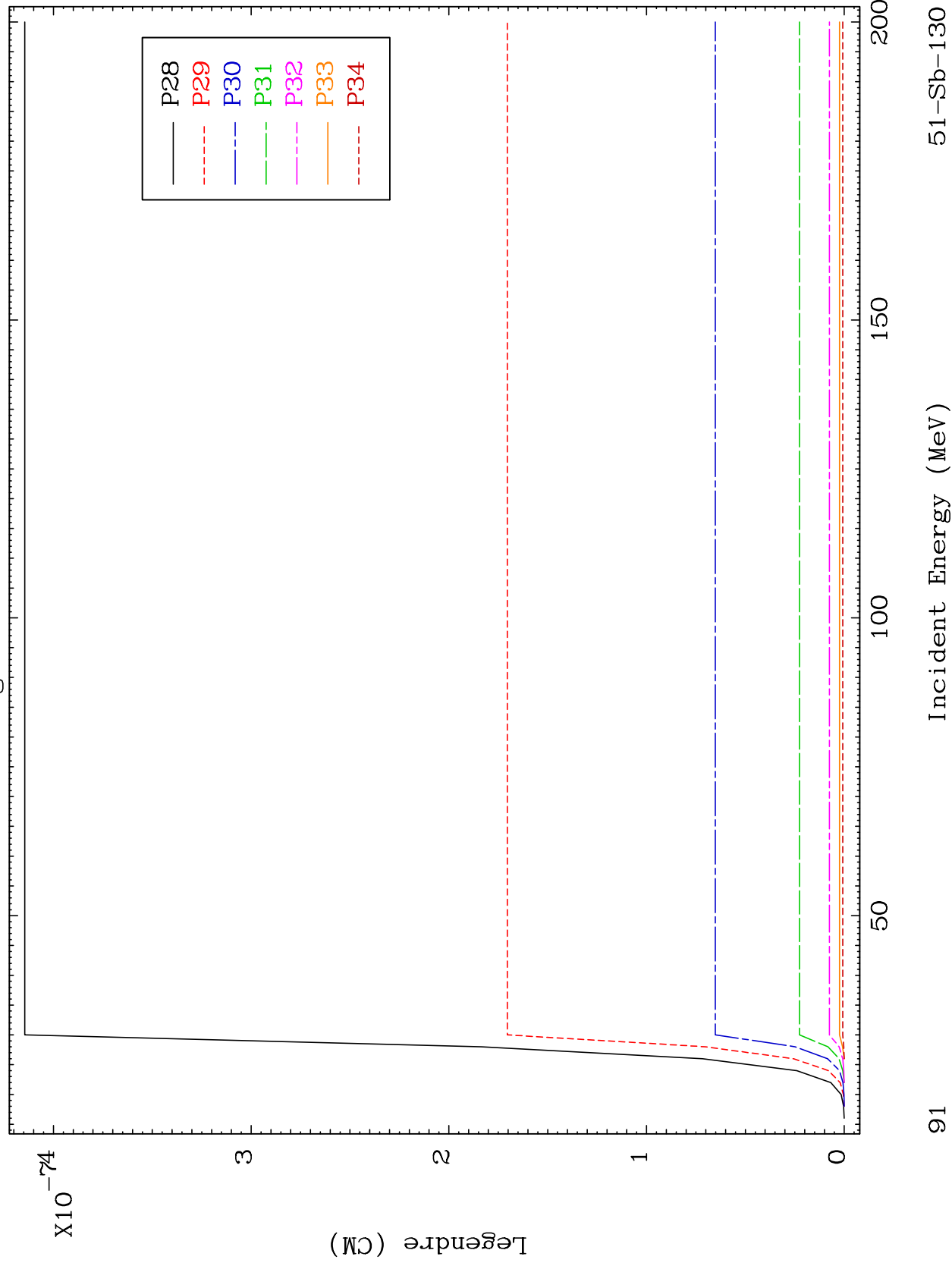
51-Sb-130



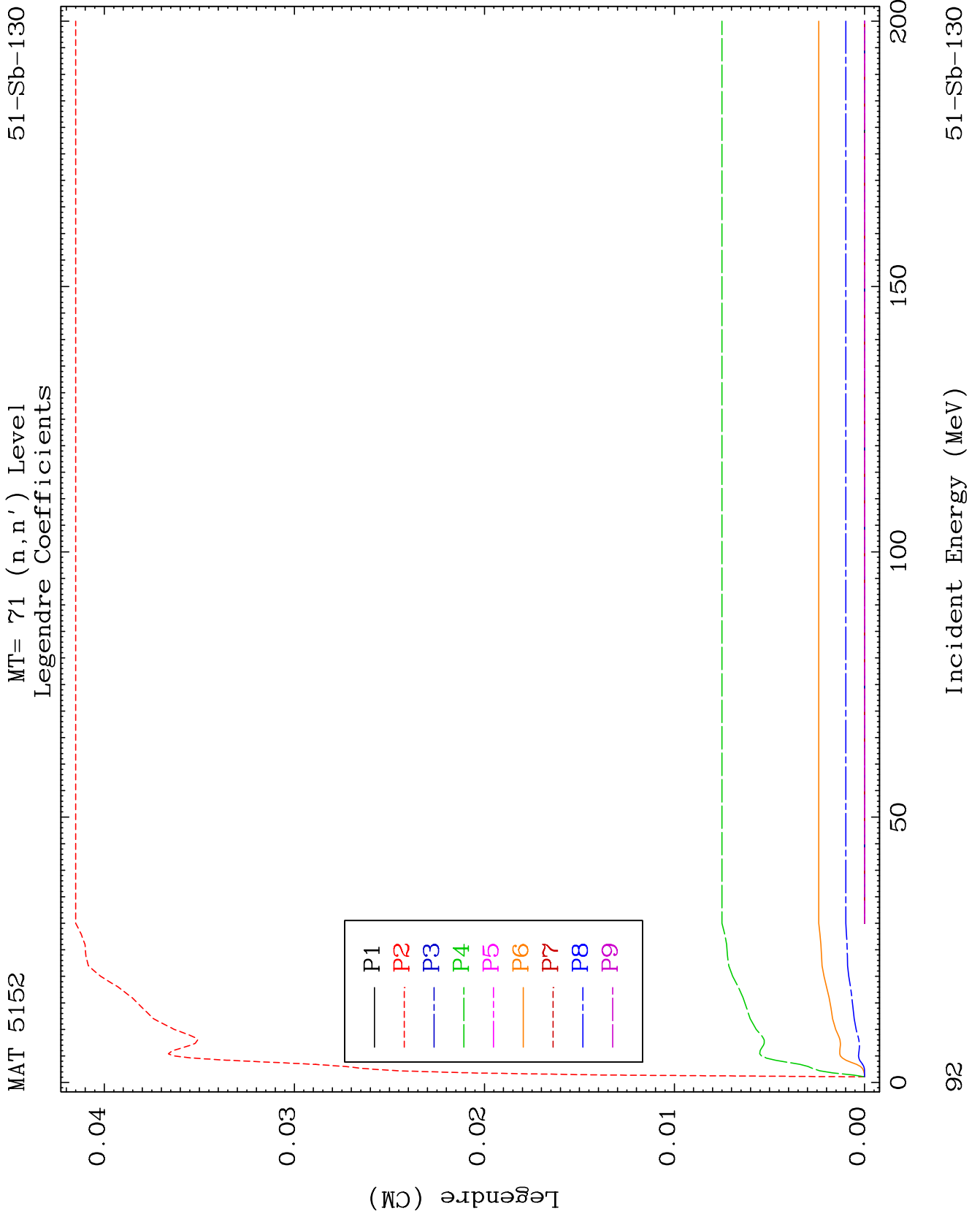
MAT 5152

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

51-Sb-130



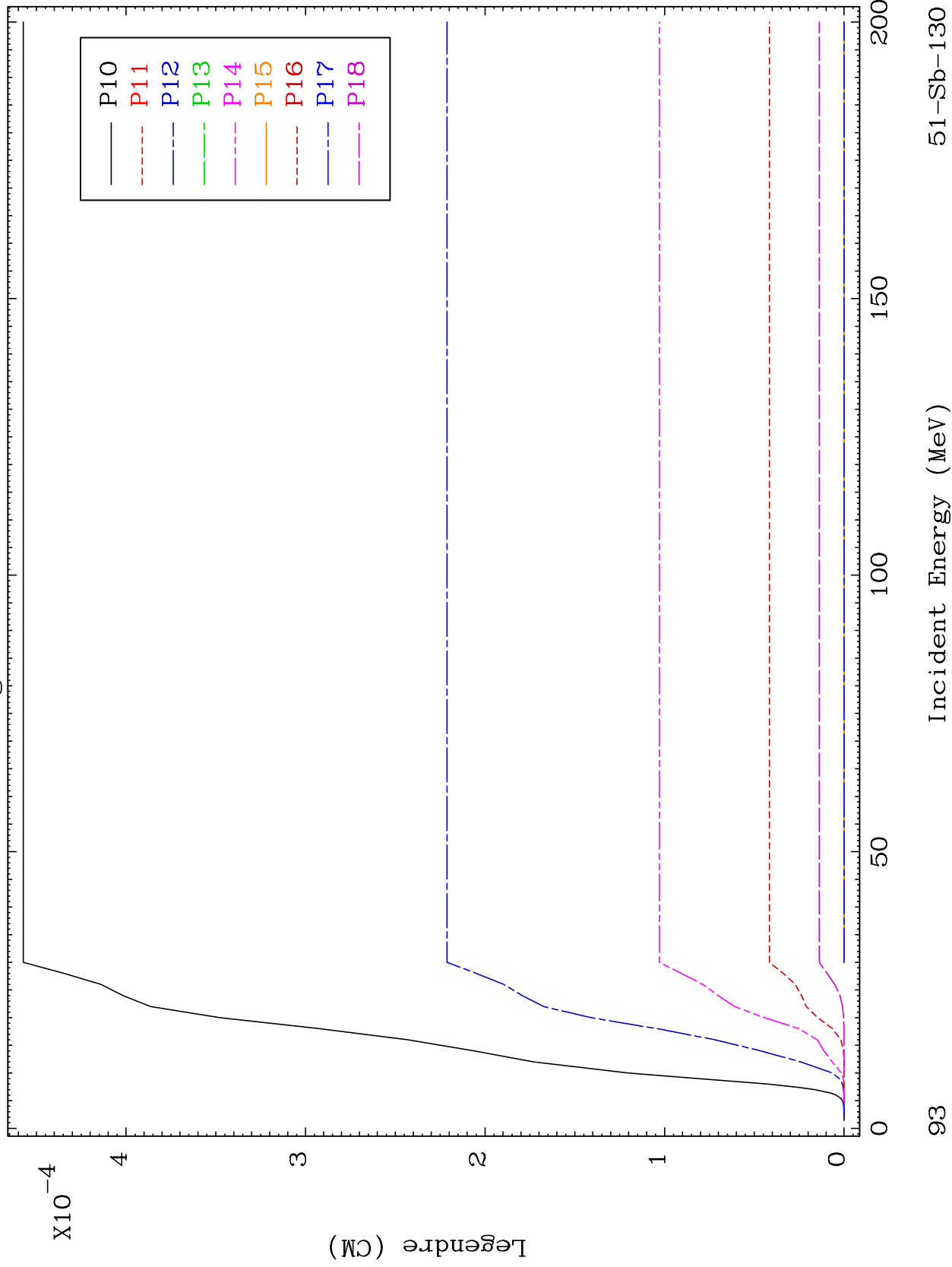
91



MAT 5152

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

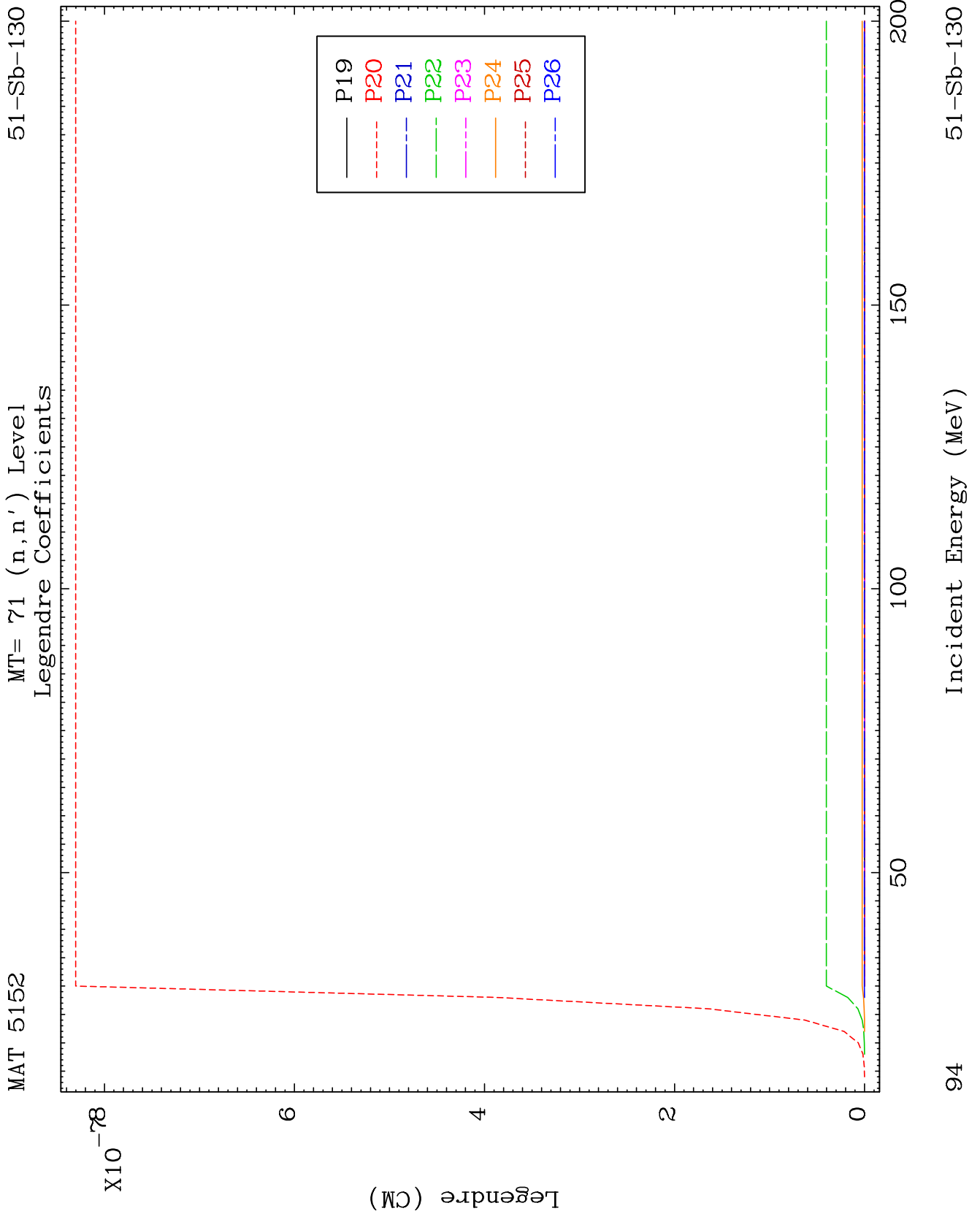
51-Sb-130



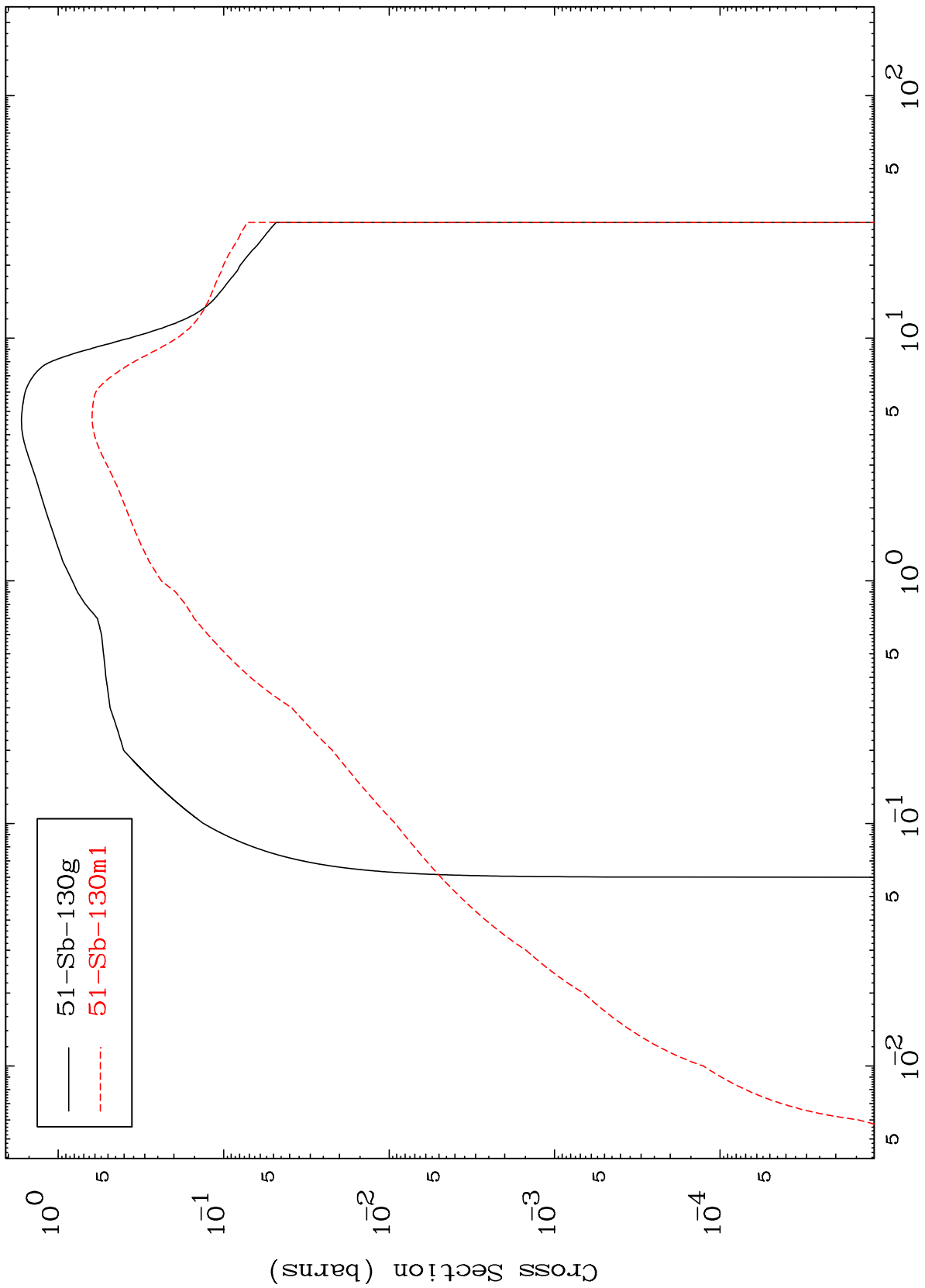
93

Incident Energy (MeV)

51-Sb-130



Inelastic
Radionuclide Production Cross Section



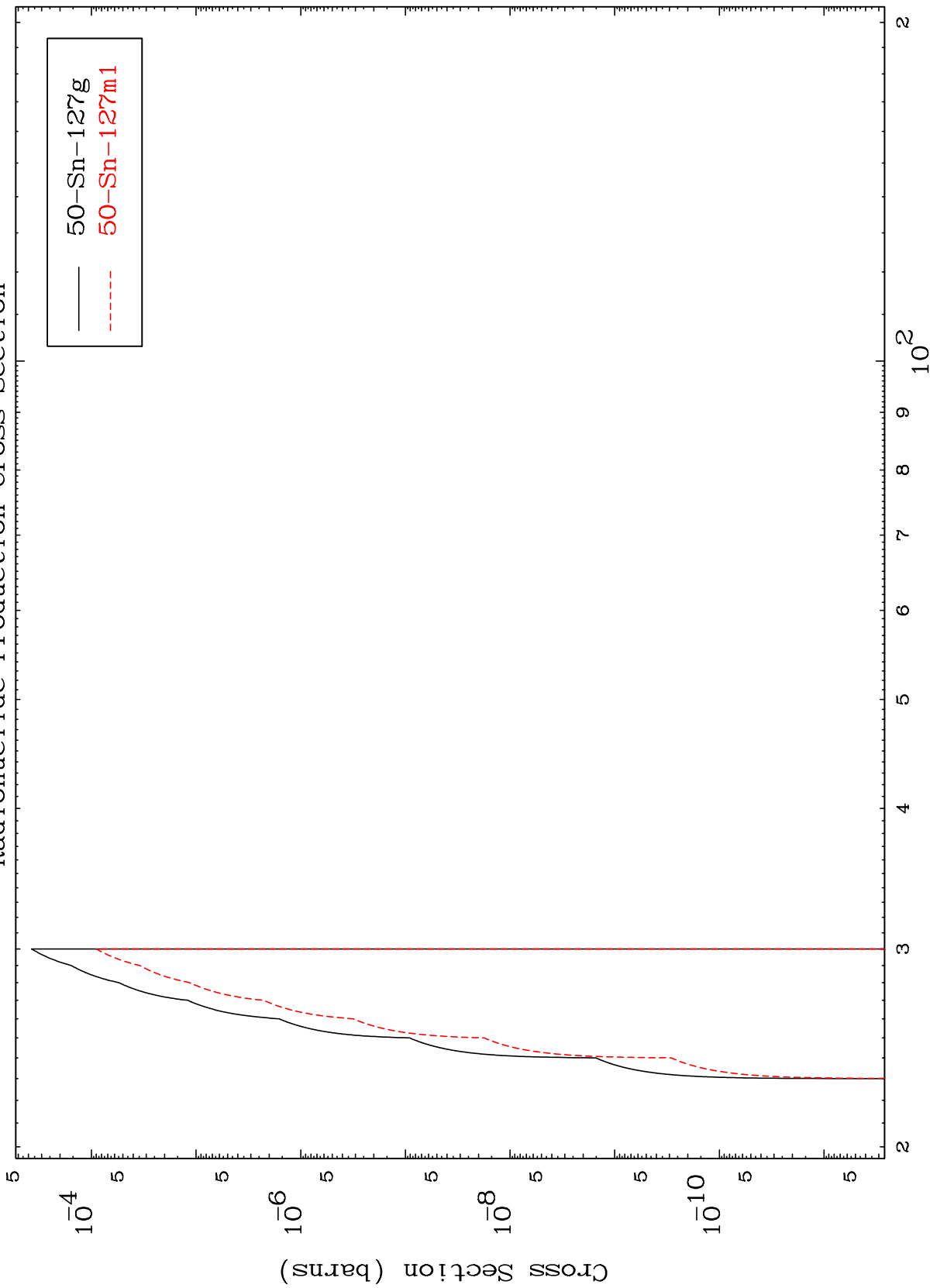
— 51-Sb-130g
- - - 51-Sb-130m1

MAT 5152

(n,2n) d

51-Sb-130

Radionuclide Production Cross Section



96

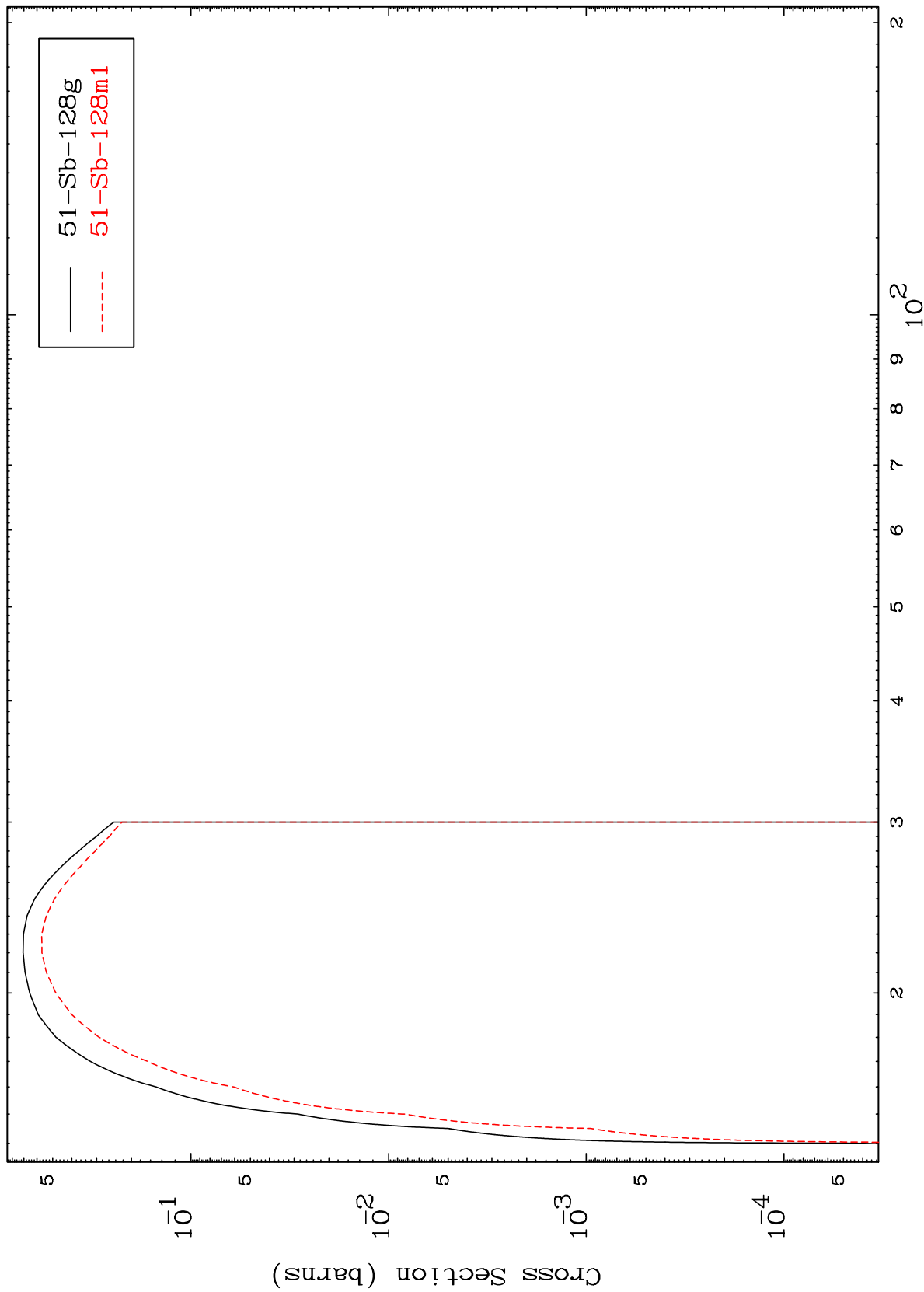
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(n,3n)
Radionuclide Production Cross Section



97

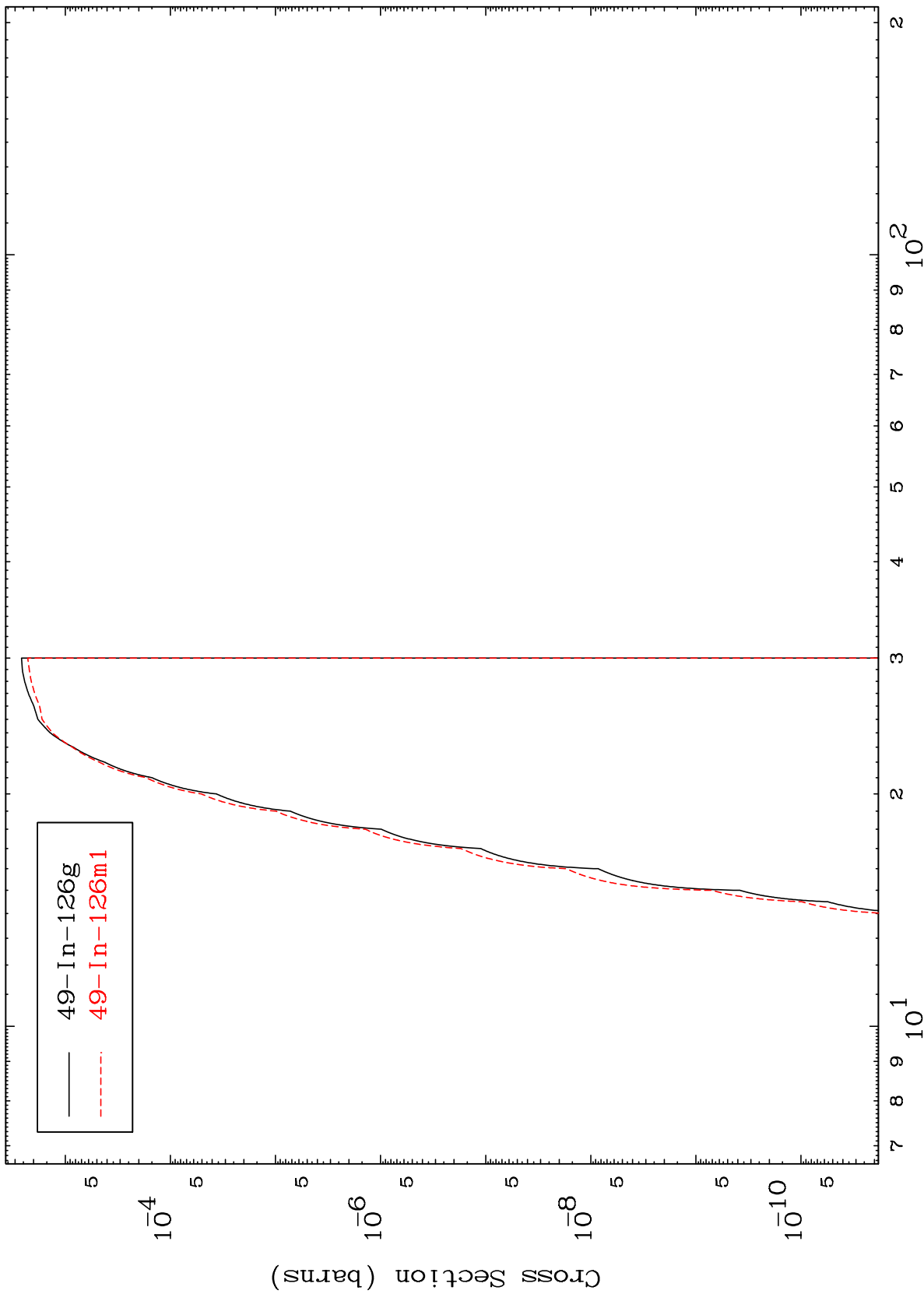
51-Sb-130

Incident Energy (MeV)

MAT 5152

51-Sb-130

(n,n') α
Radionuclide Production Cross Section

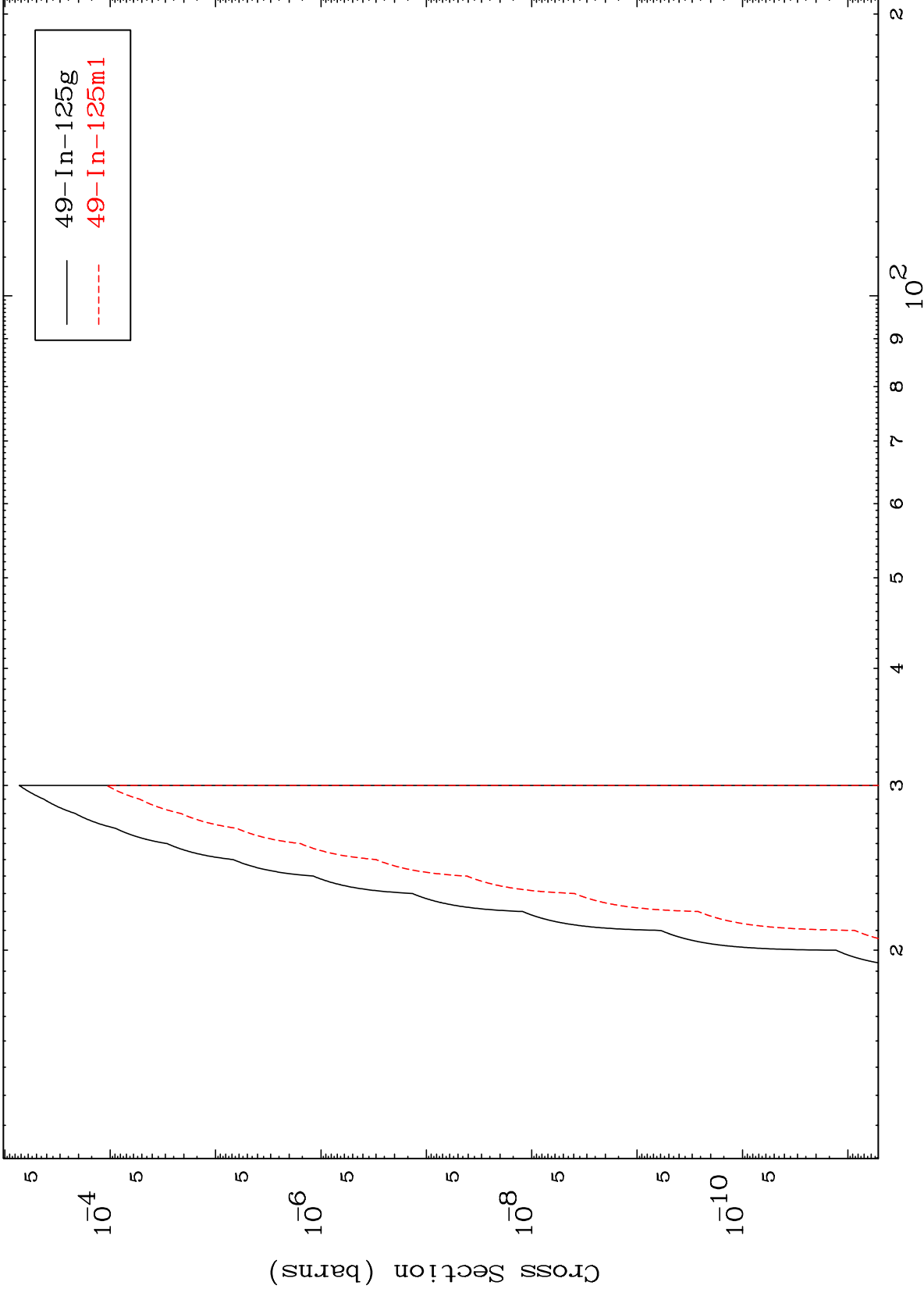


98

51-Sb-130

Incident Energy (MeV)

Radionuclide Production Cross Section

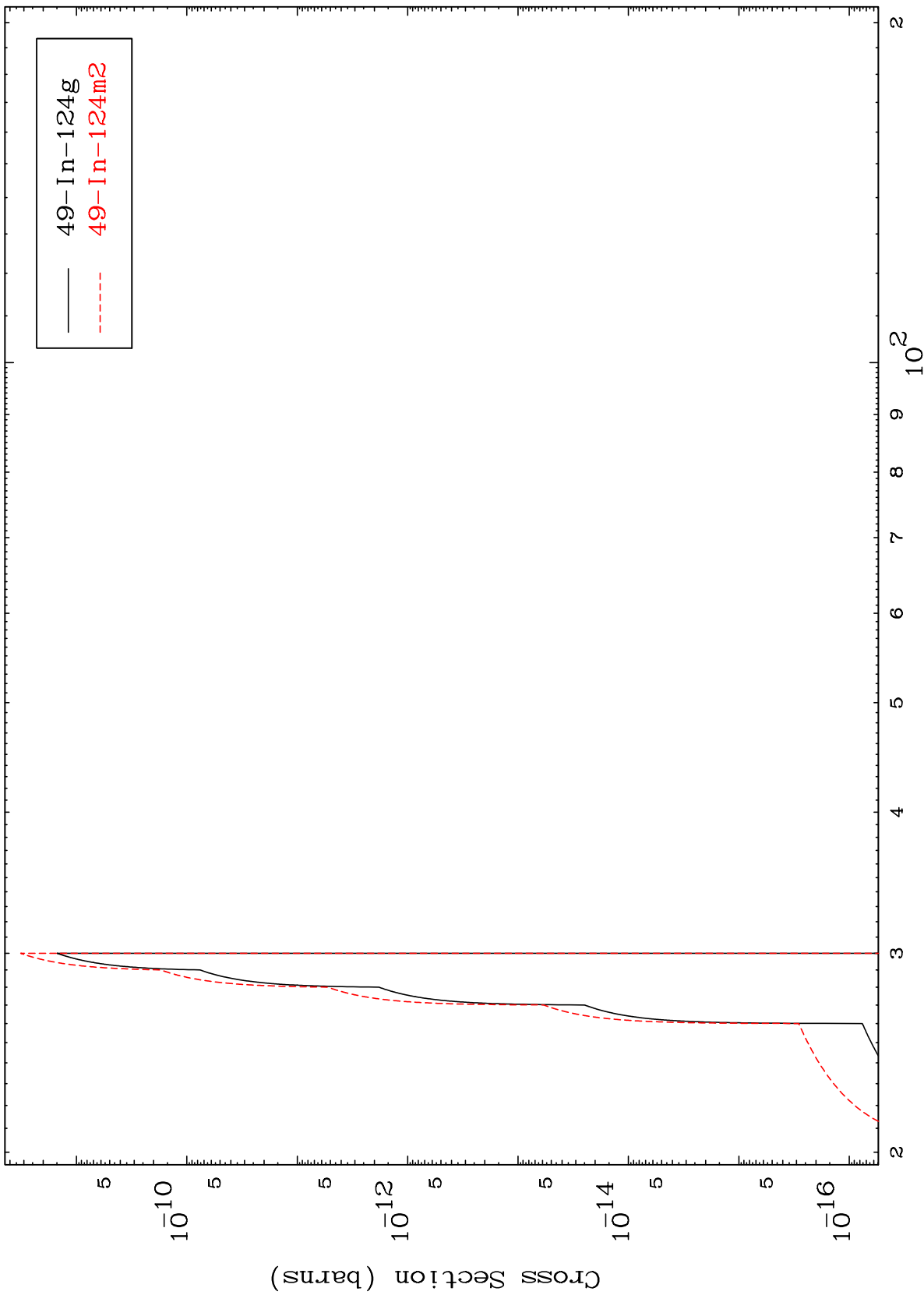


MAT 5152

(n,3n) α

51-Sb-130

Radionuclide Production Cross Section



100

Incident Energy (MeV)

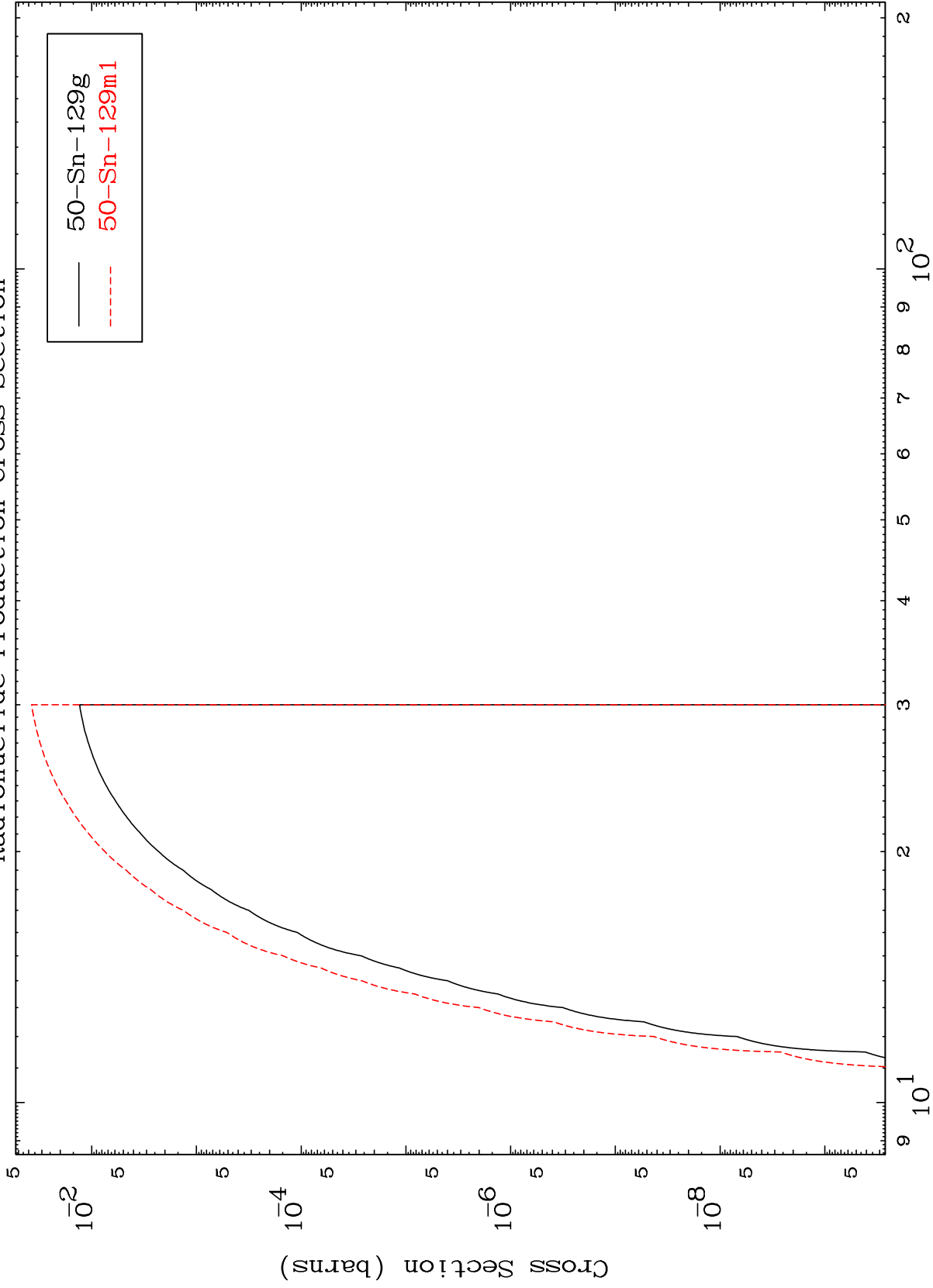
51-Sb-130

MAT 5152

(n,n') p

51-Sb-130

Radionuclide Production Cross Section

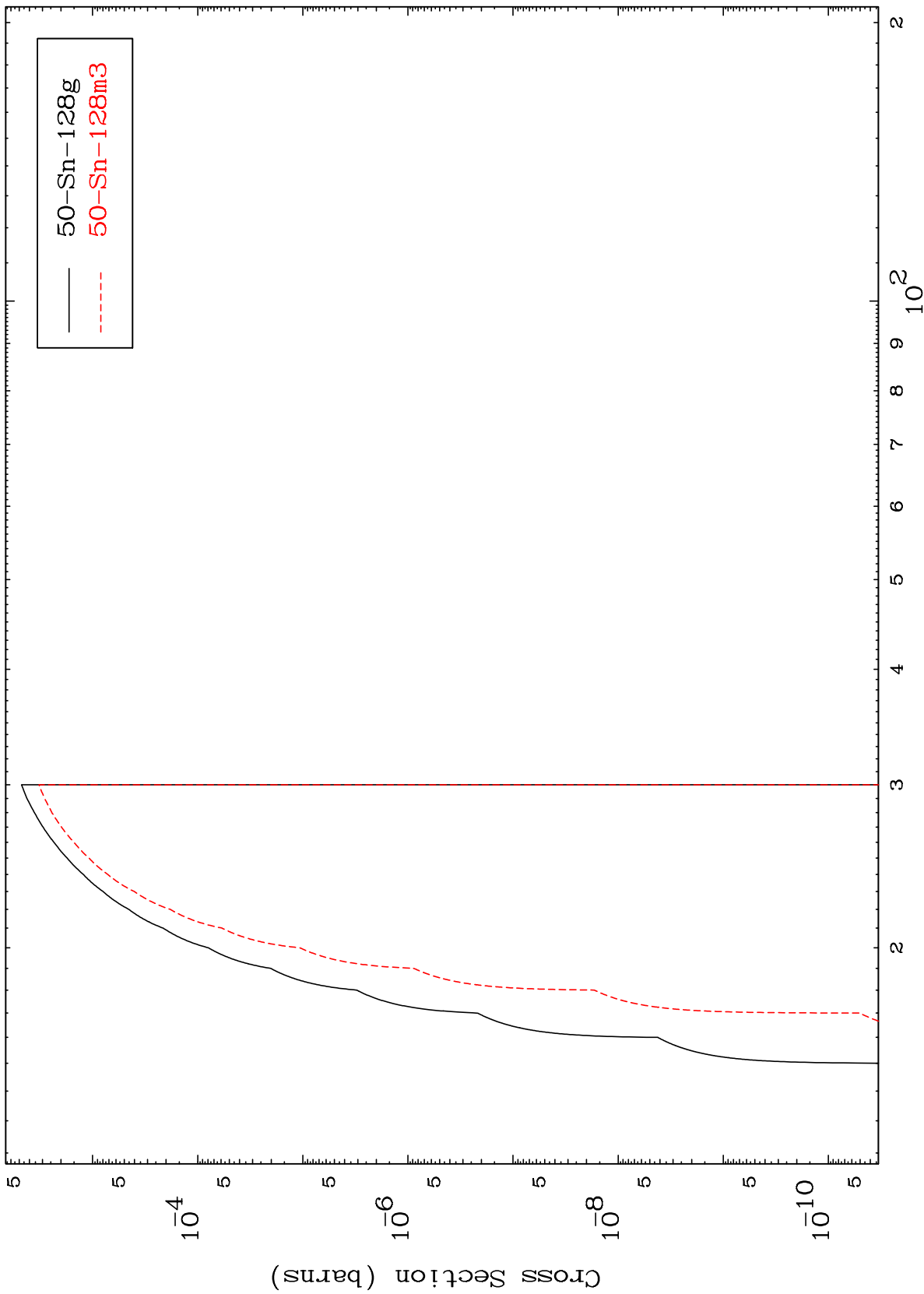


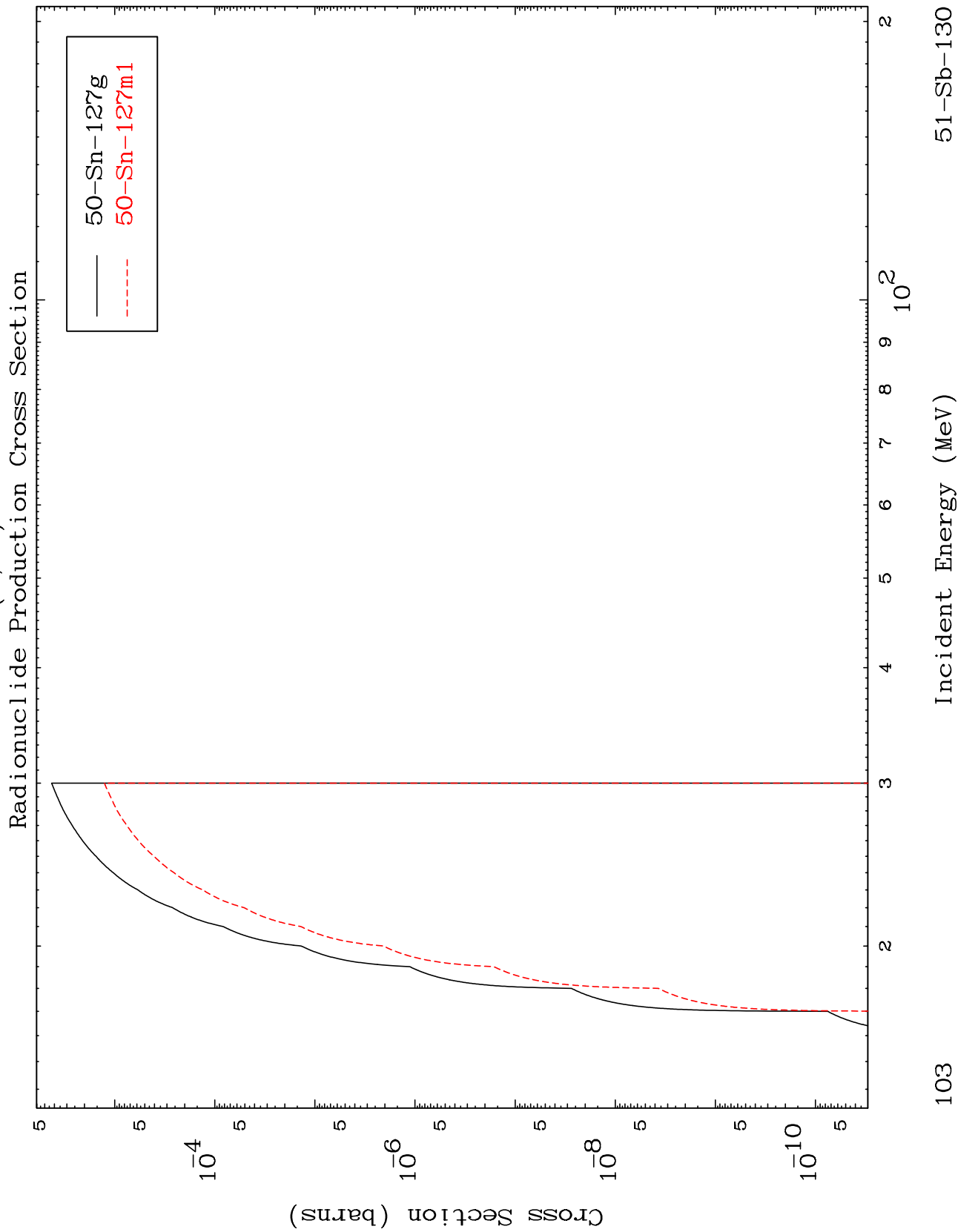
Incident Energy (MeV)

51-Sb-130

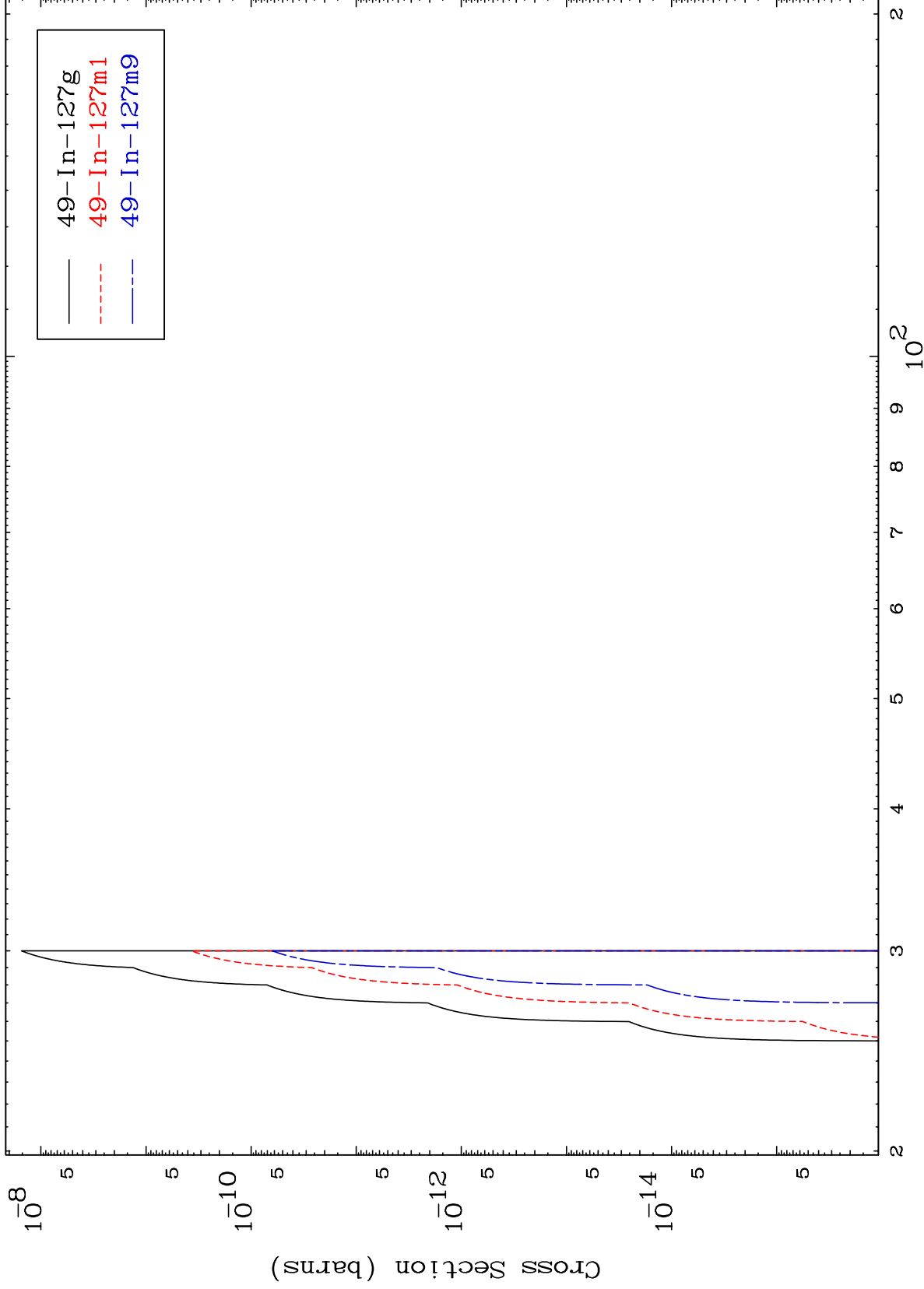
101

Radionuclide Production Cross Section





Radionuclide Production Cross Section

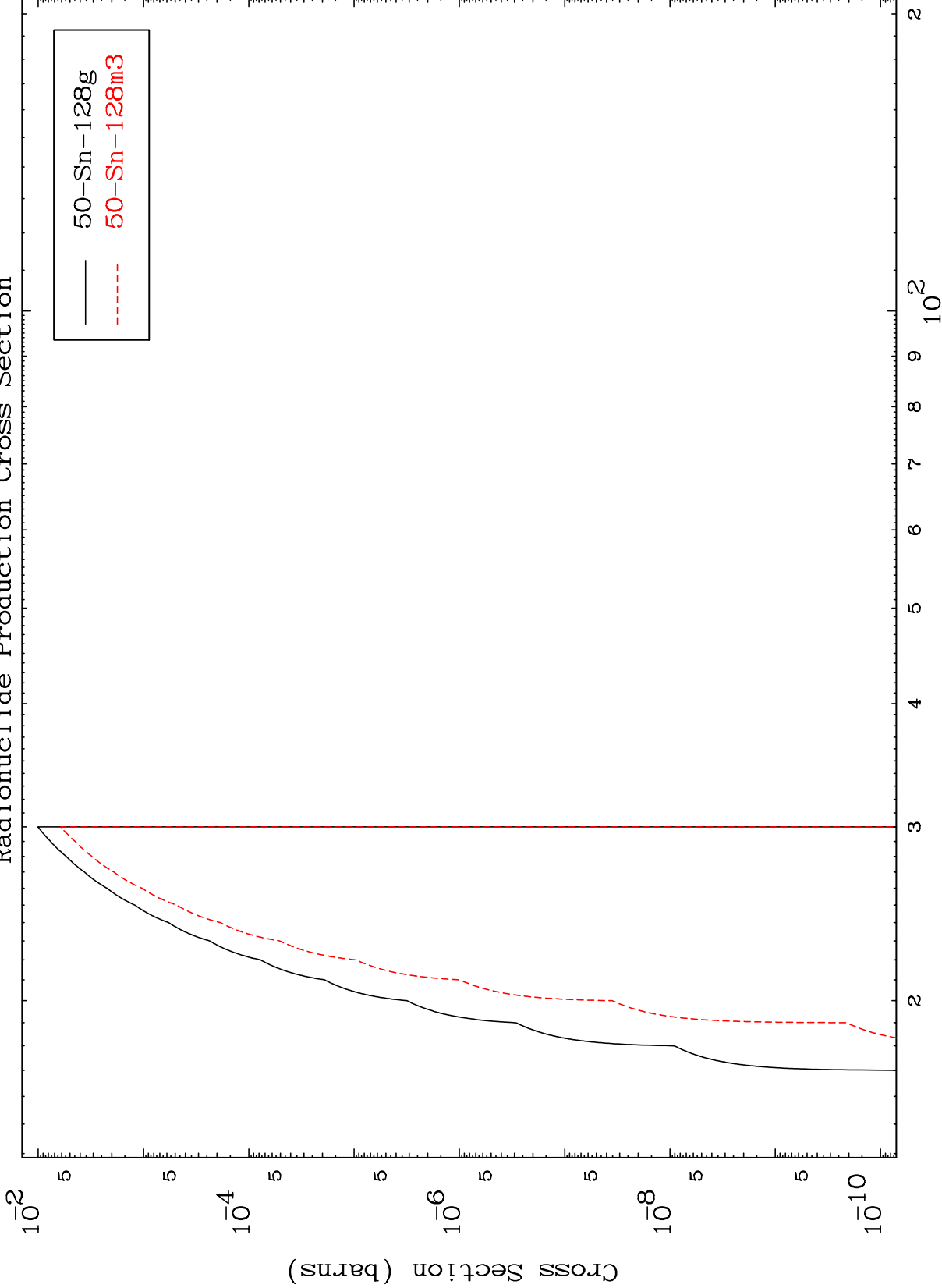


MAT 5152

(n,2n) p

51-Sb-130

Radionuclide Production Cross Section

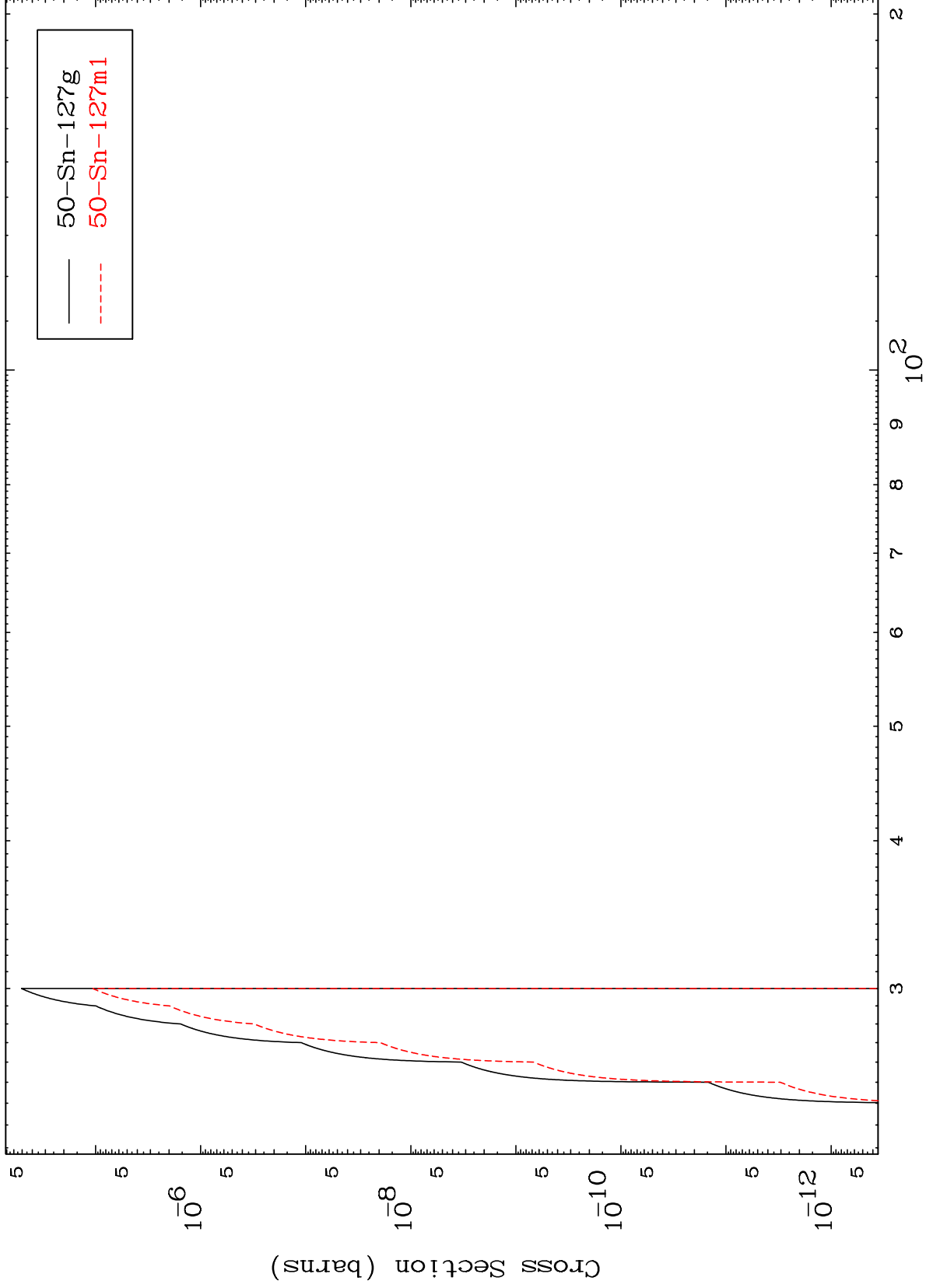


105

Incident Energy (MeV)

51-Sb-130

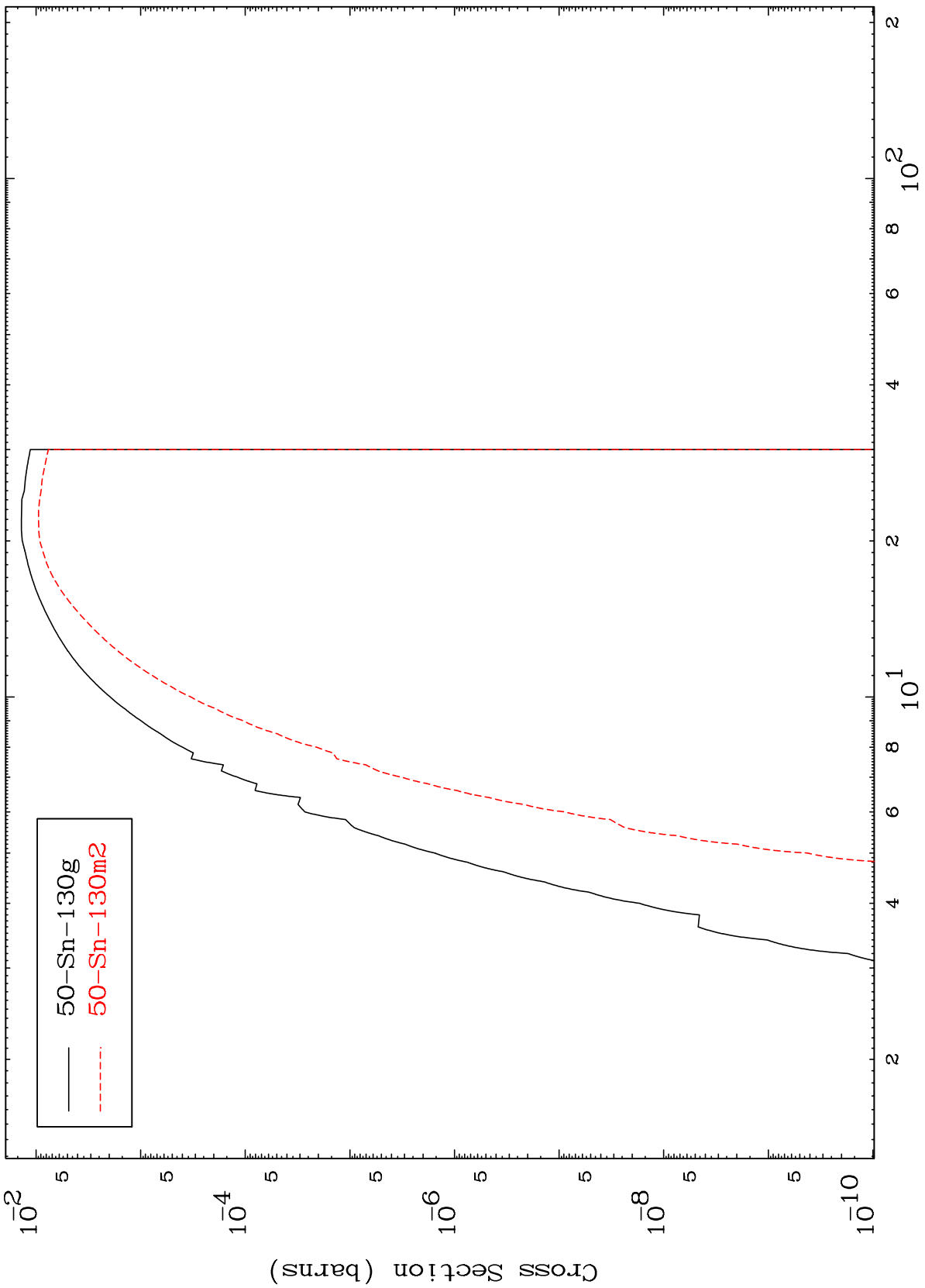
Radionuclide Production Cross Section



MAT 5152

51-Sb-130

(n,p)
Radionuclide Production Cross Section



107

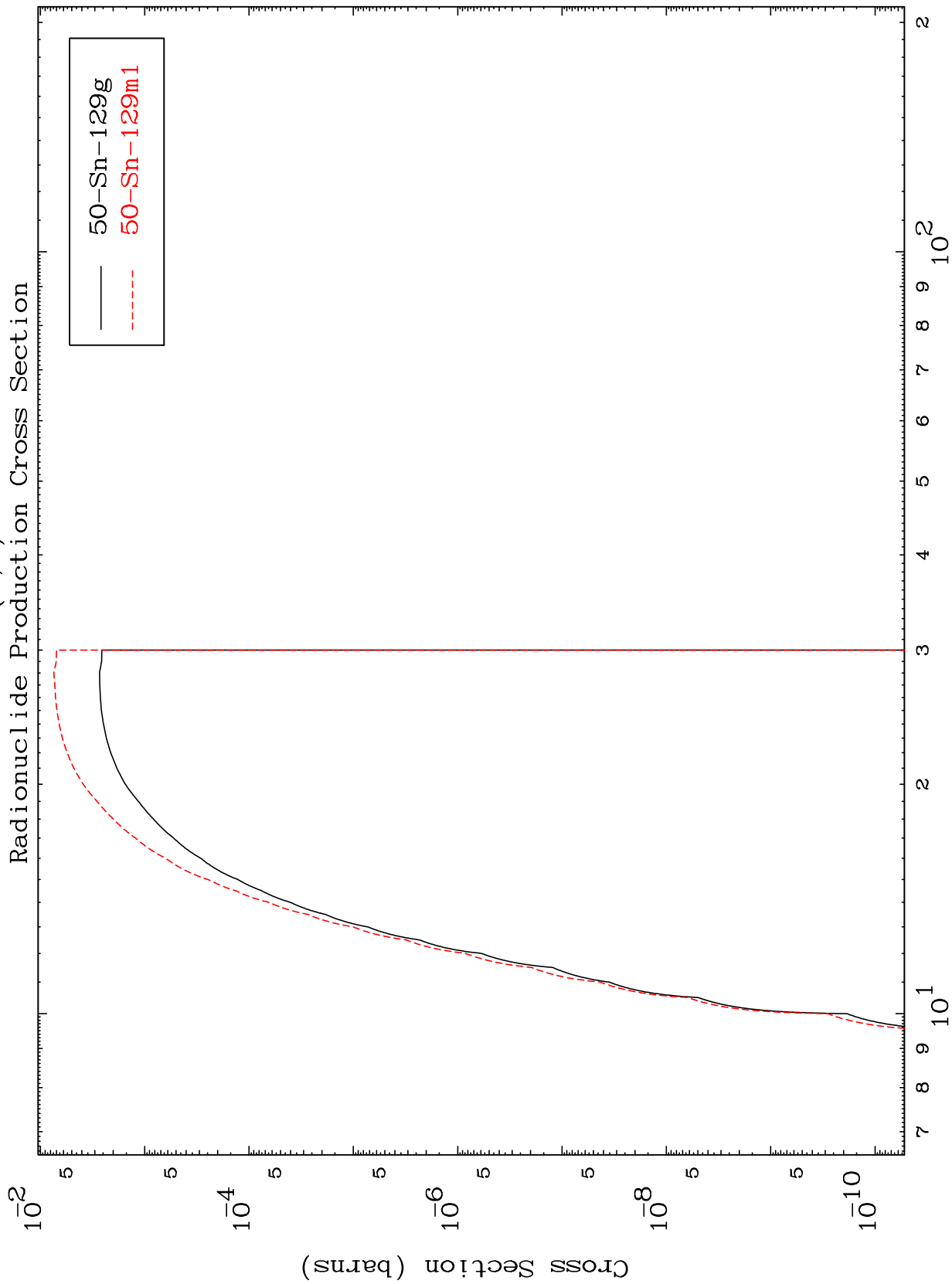
51-Sb-130

Incident Energy (MeV)

MAT 5152

51-Sb-130

(n,d)
Radionuclide Production Cross Section

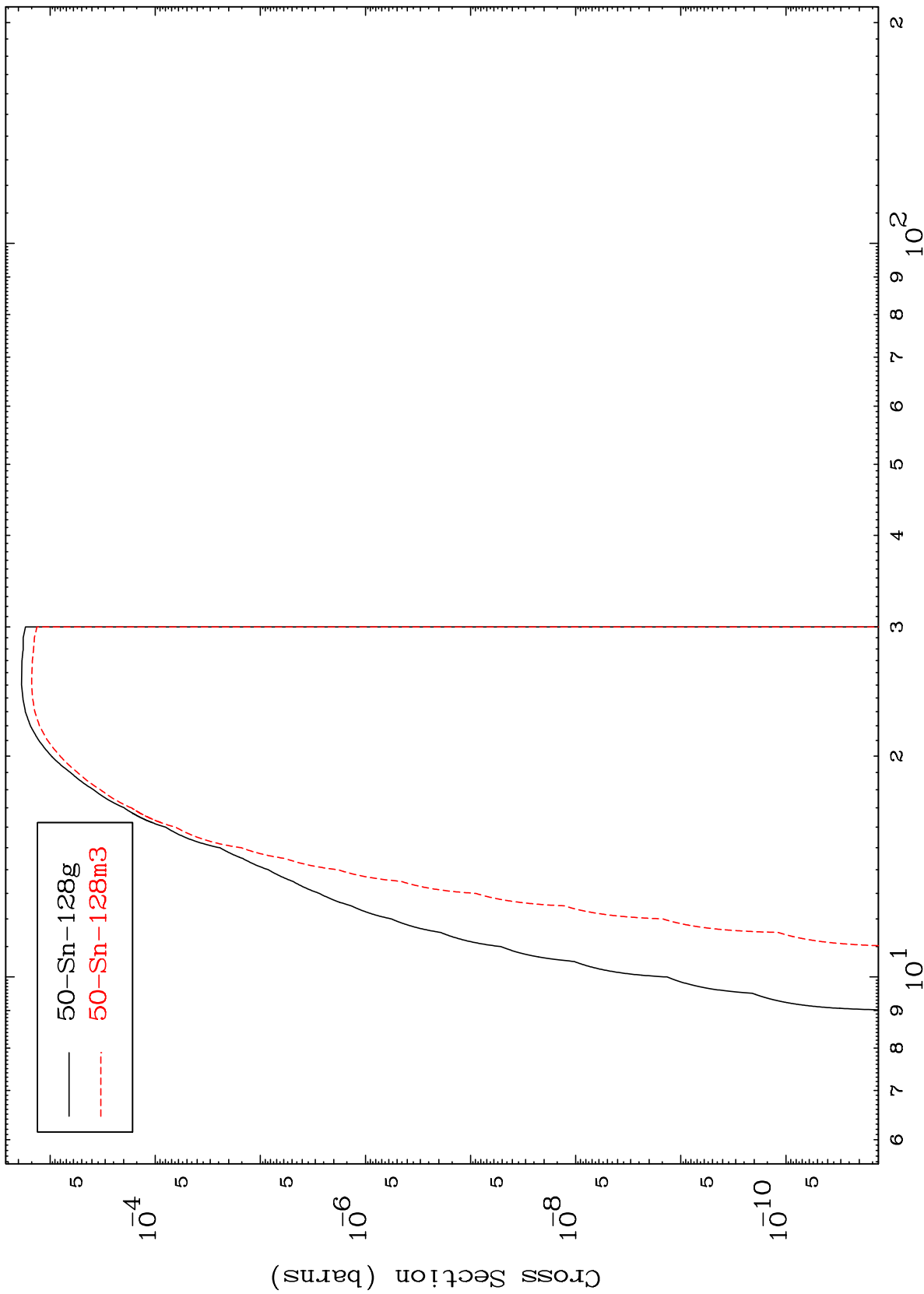


51-Sb-130

Incident Energy (MeV)

108

(n,t)
Radionuclide Production Cross Section

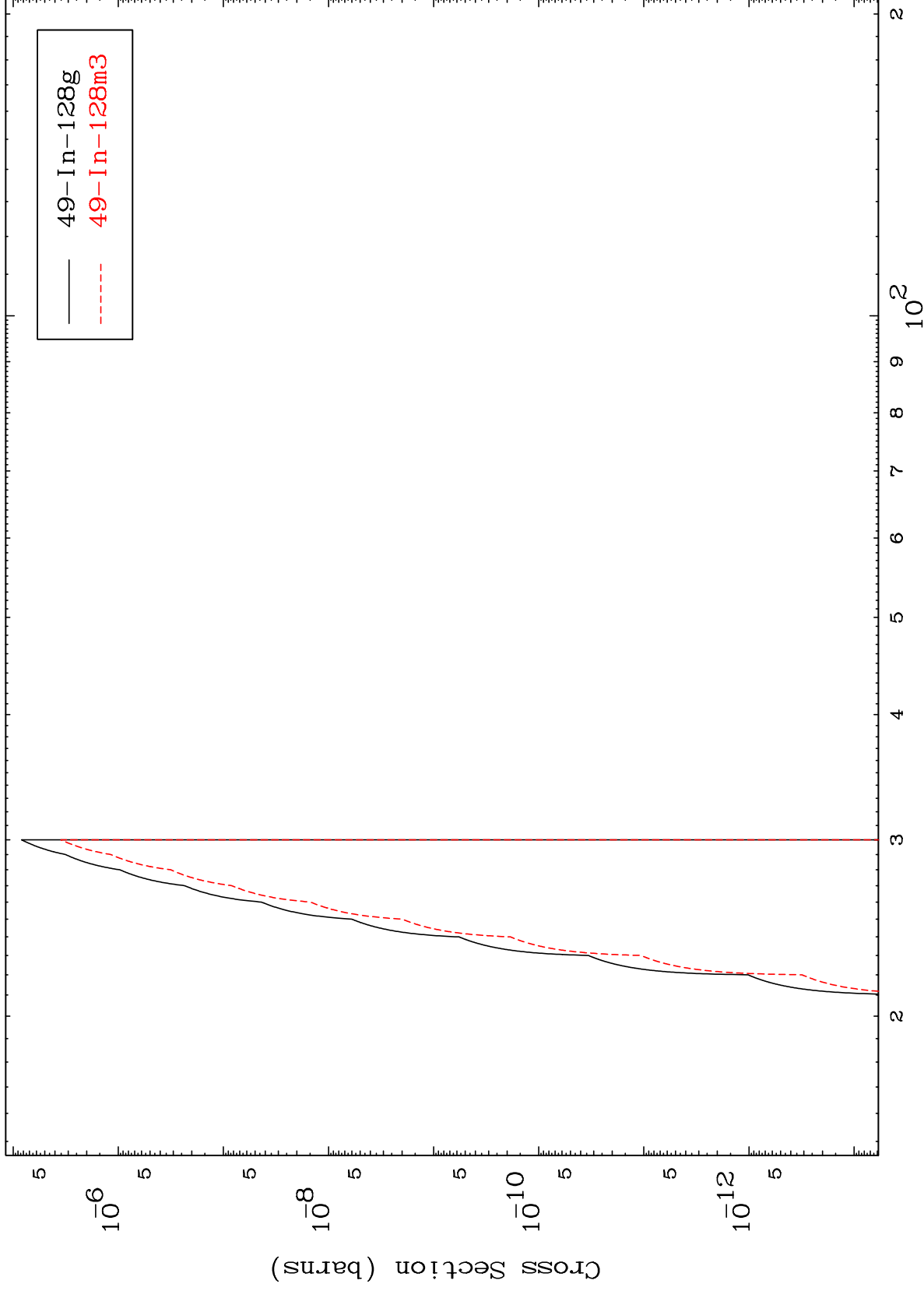


MAT 5152

(n,He-3)

51-Sb-130

Radionuclide Production Cross Section



110

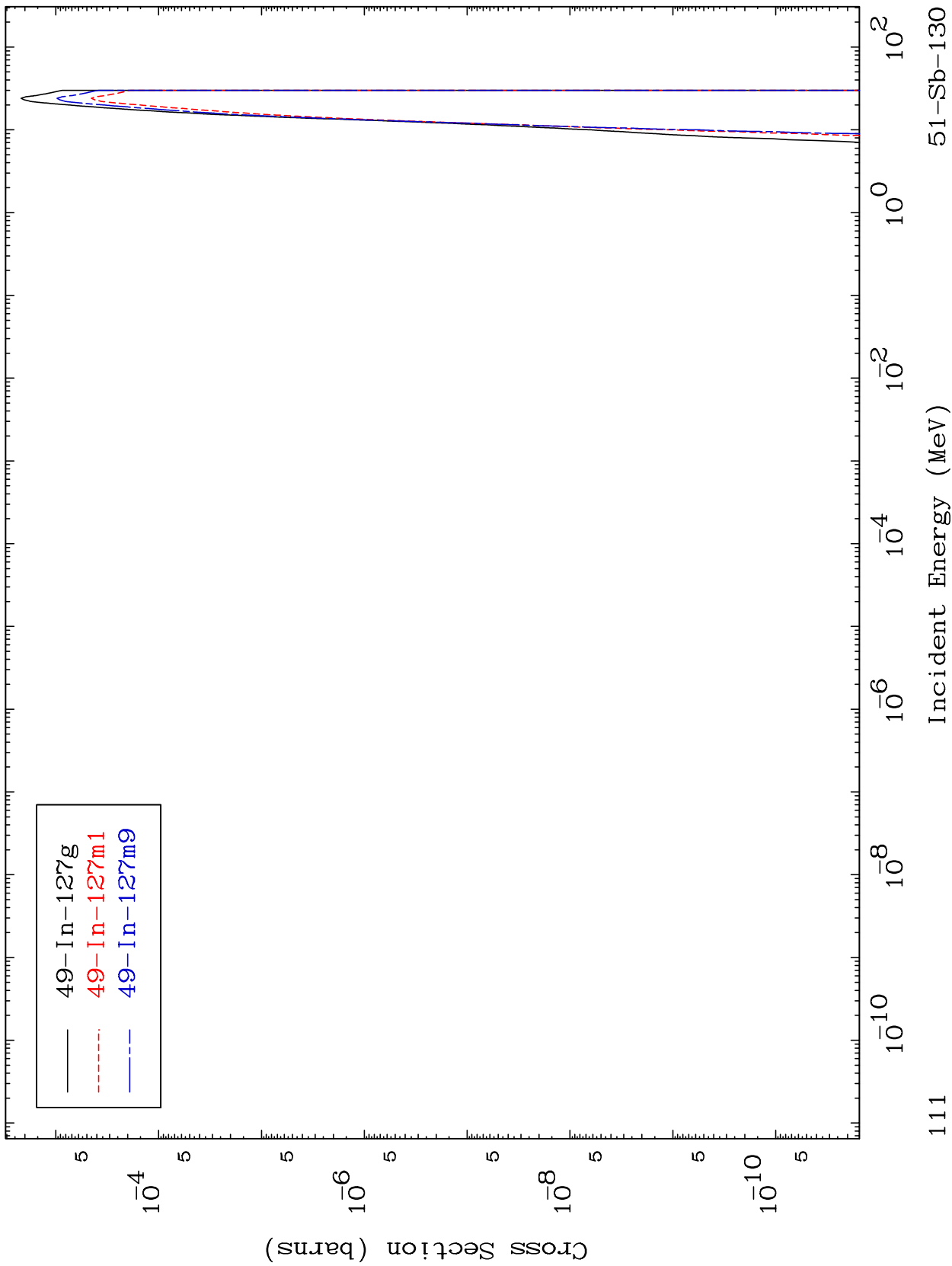
Incident Energy (MeV)

51-Sb-130

MAT 5152

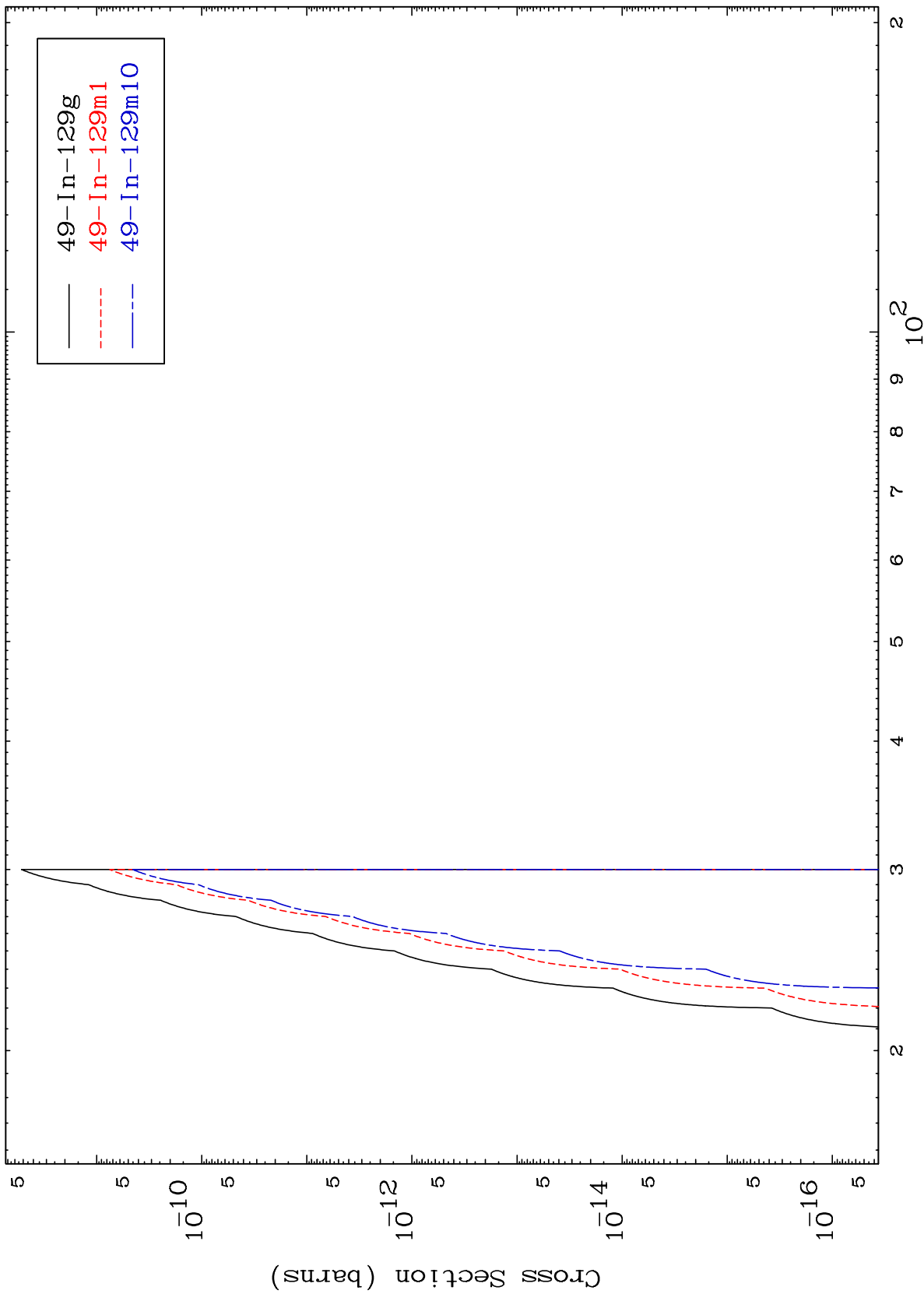
51-Sb-130

Radionuclide Production Cross Section (n,α)



(n,2p)

Radionuclide Production Cross Section



Incident Energy (MeV)