

Program EVALPLOT
(Version 2021-1)

by

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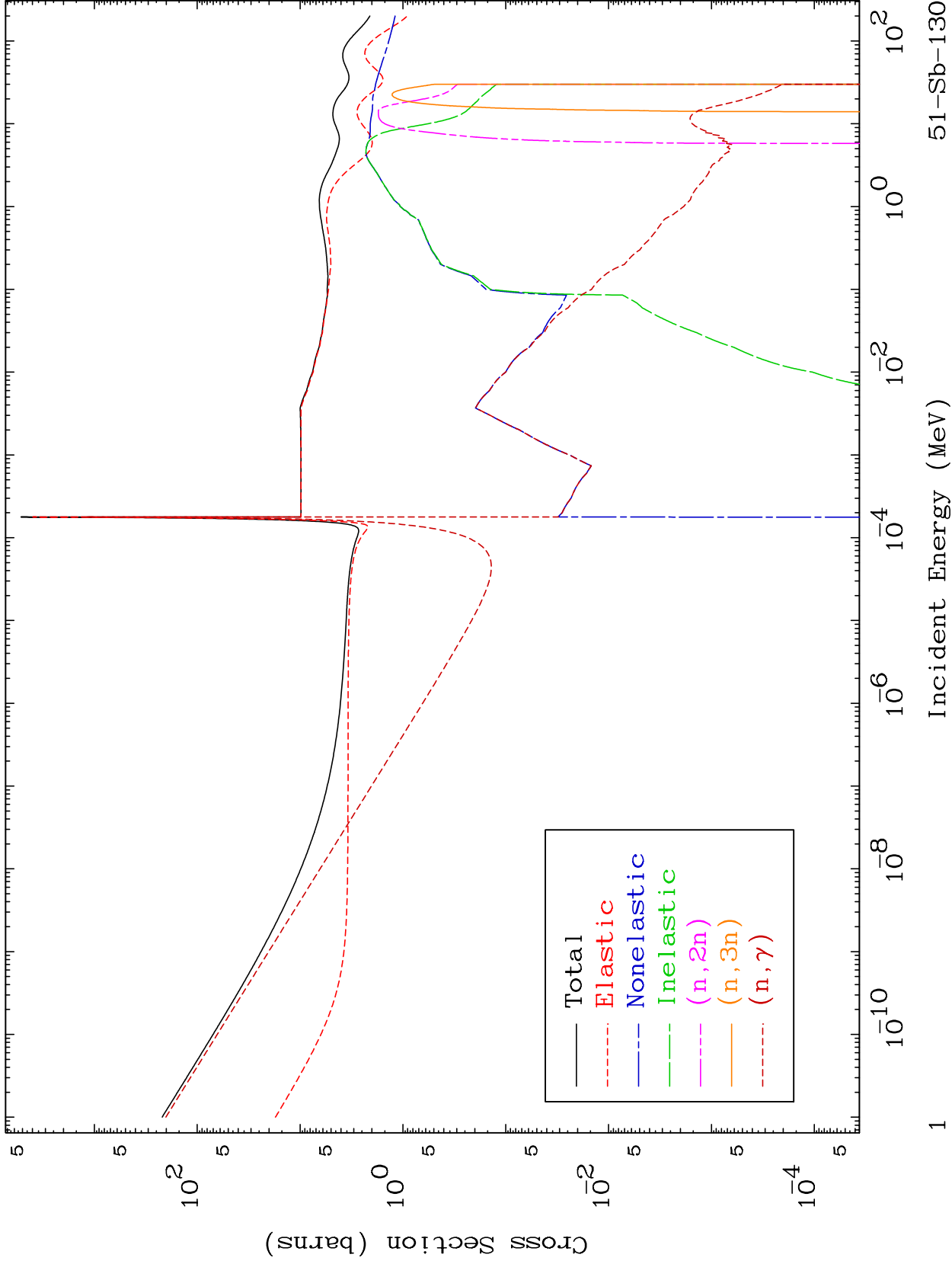
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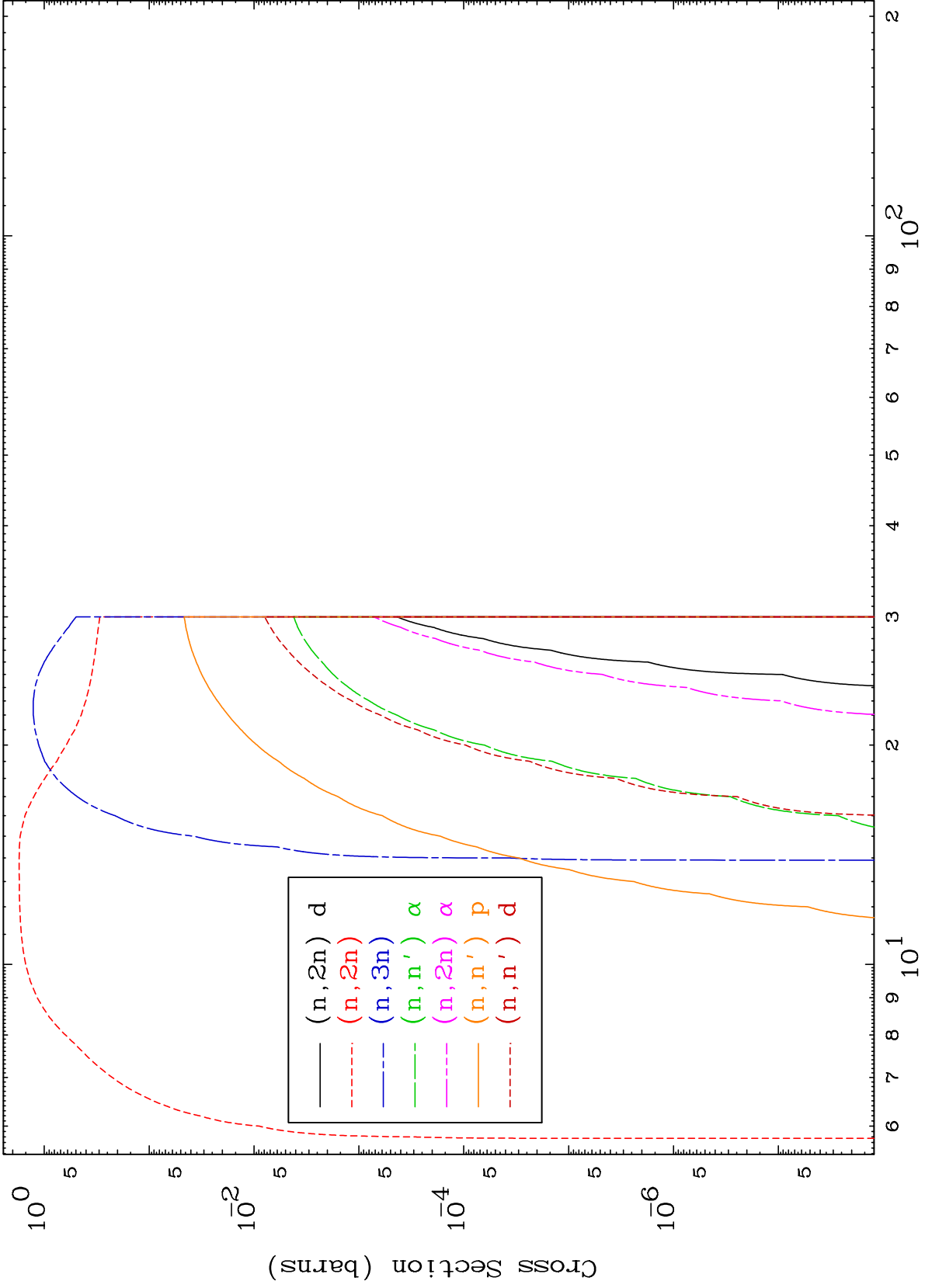
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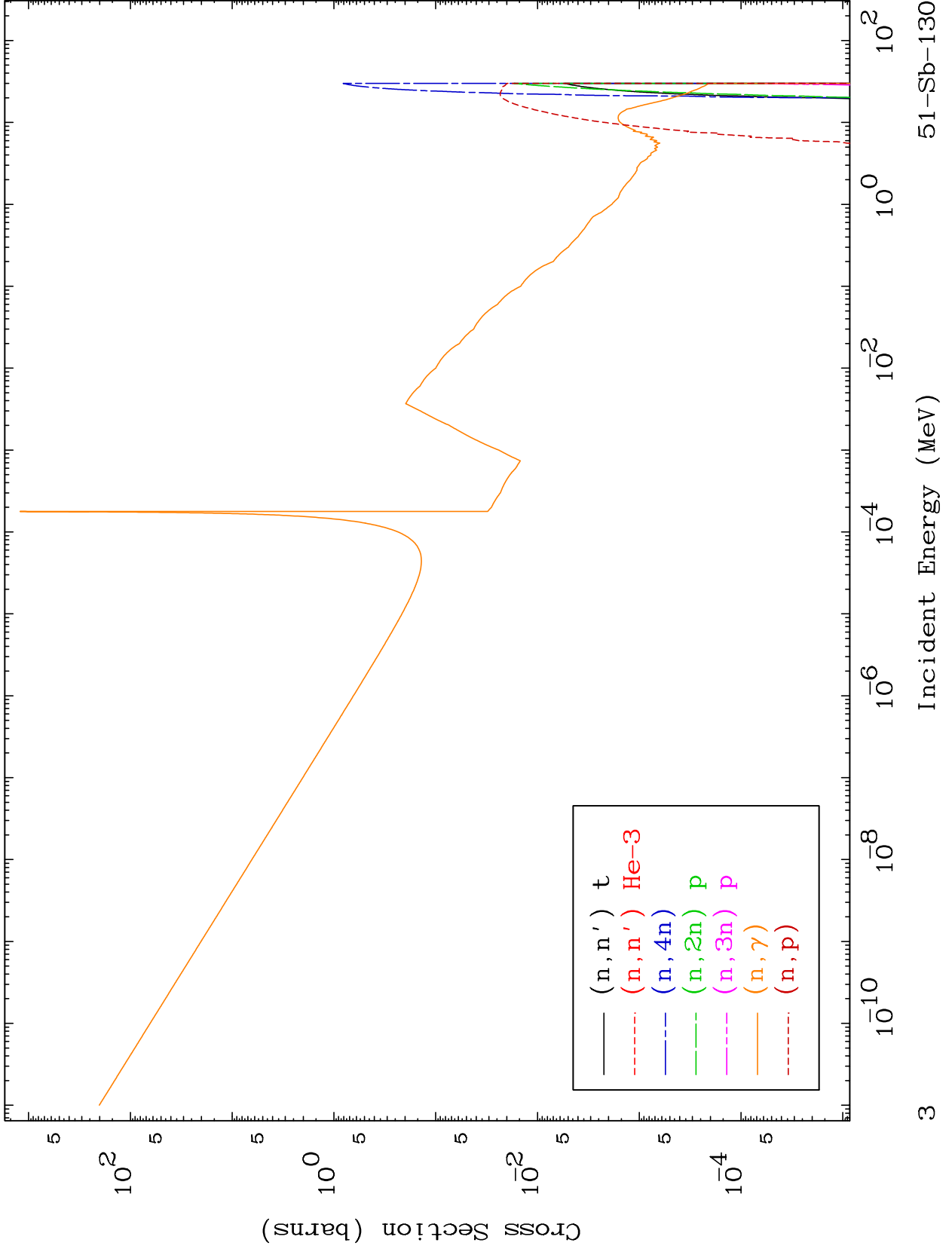
MAT 5152

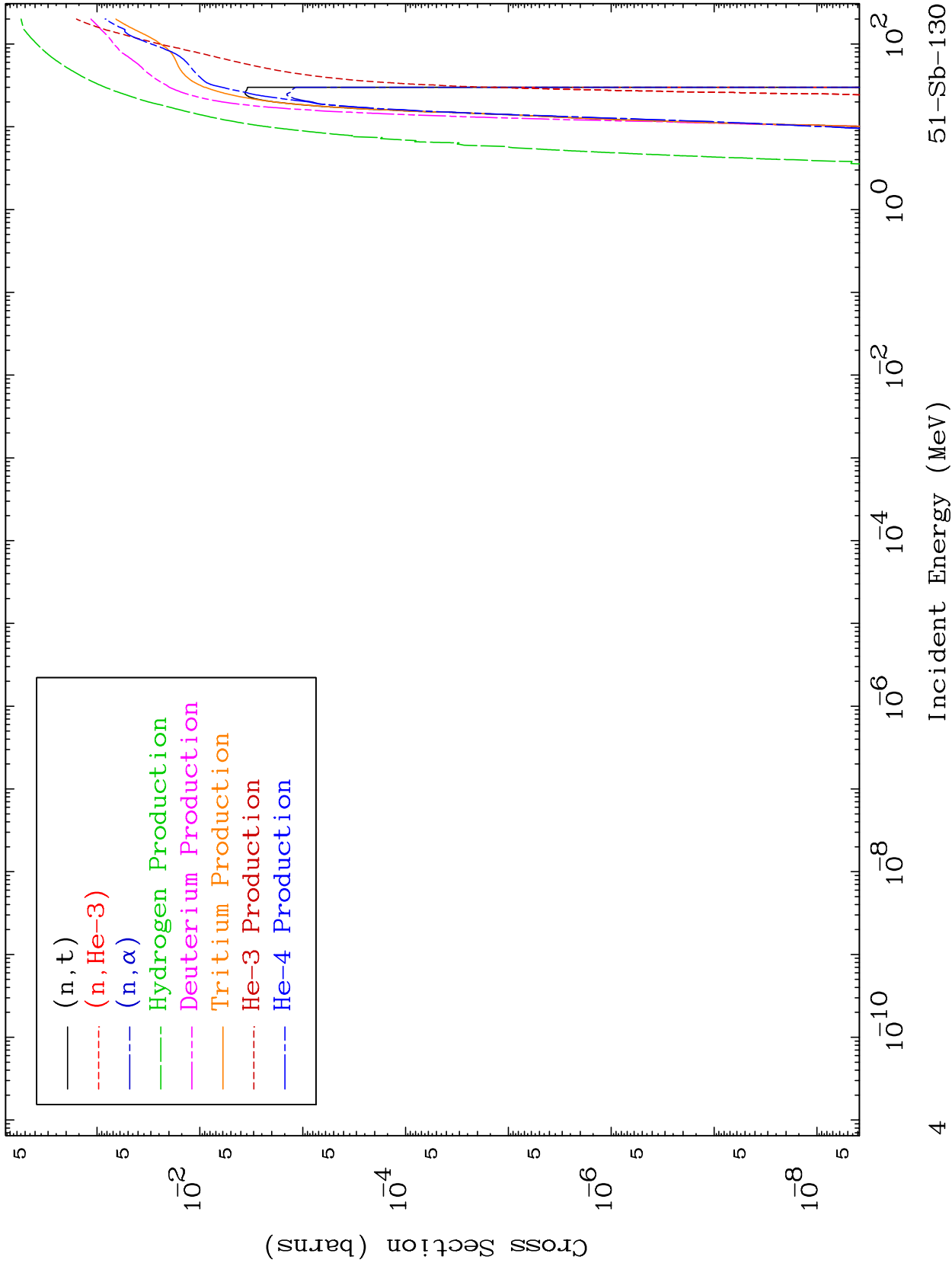
Neutron Major
293 Kelvin Cross Sections

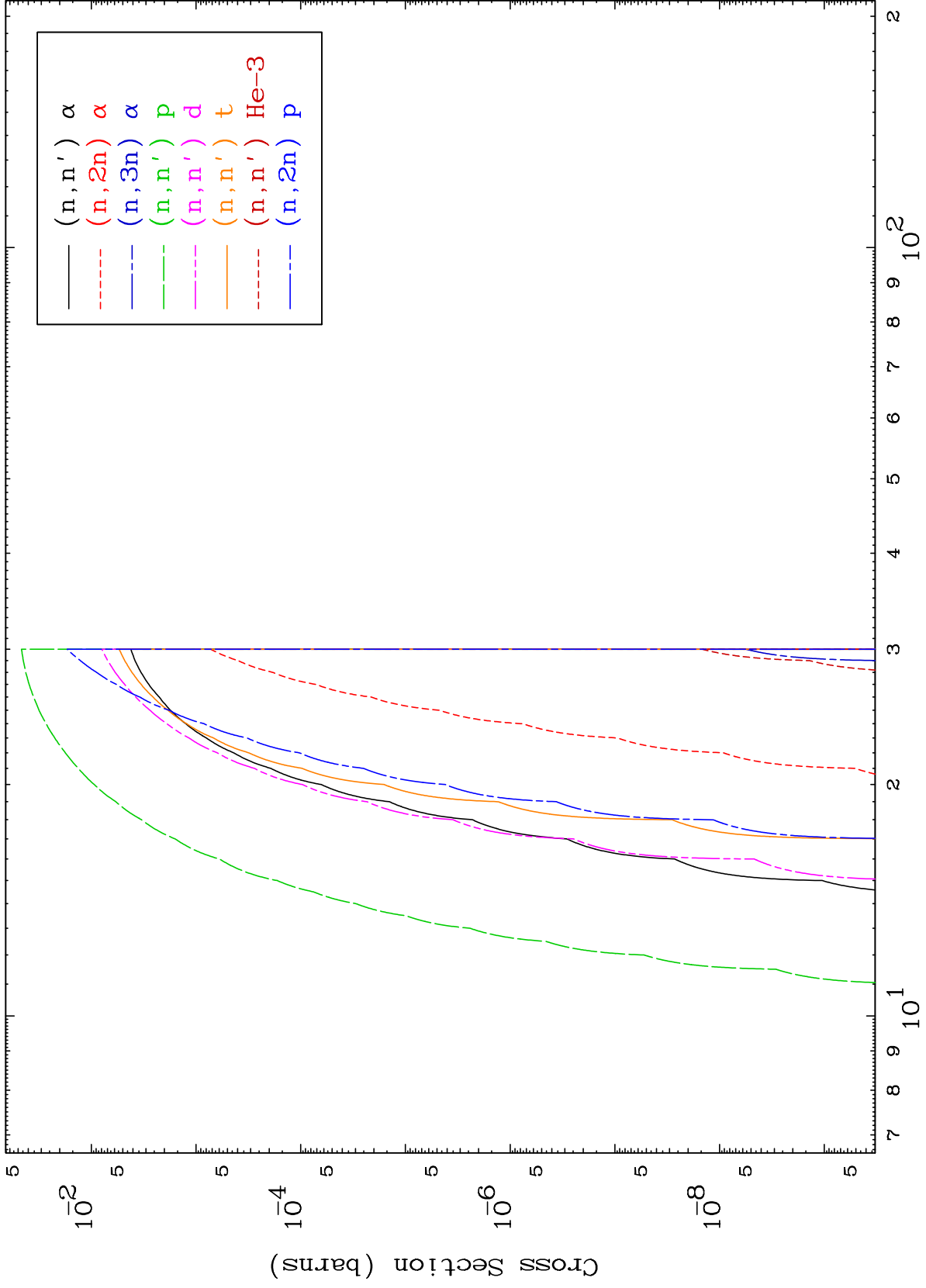
51-Sb-130







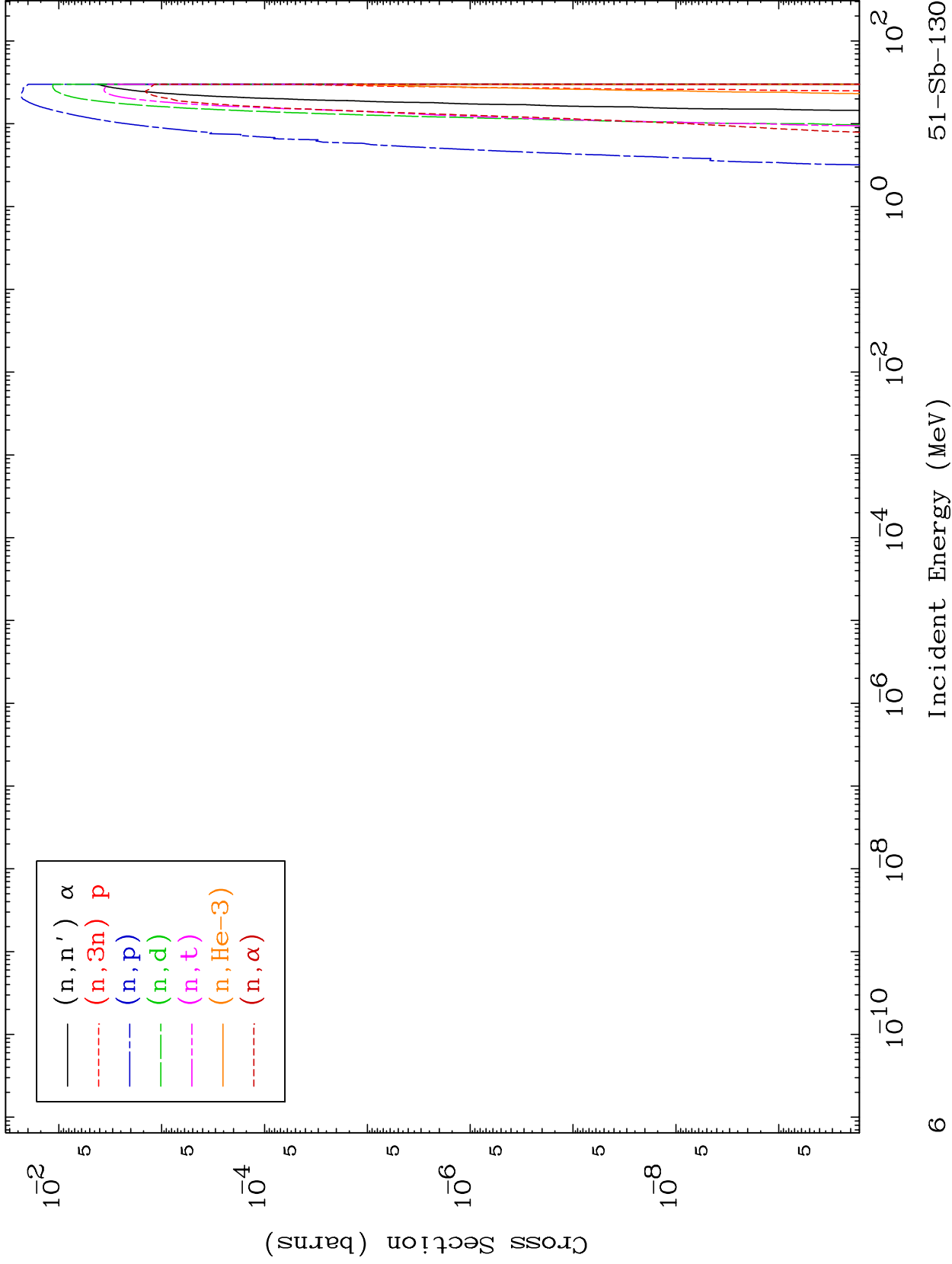


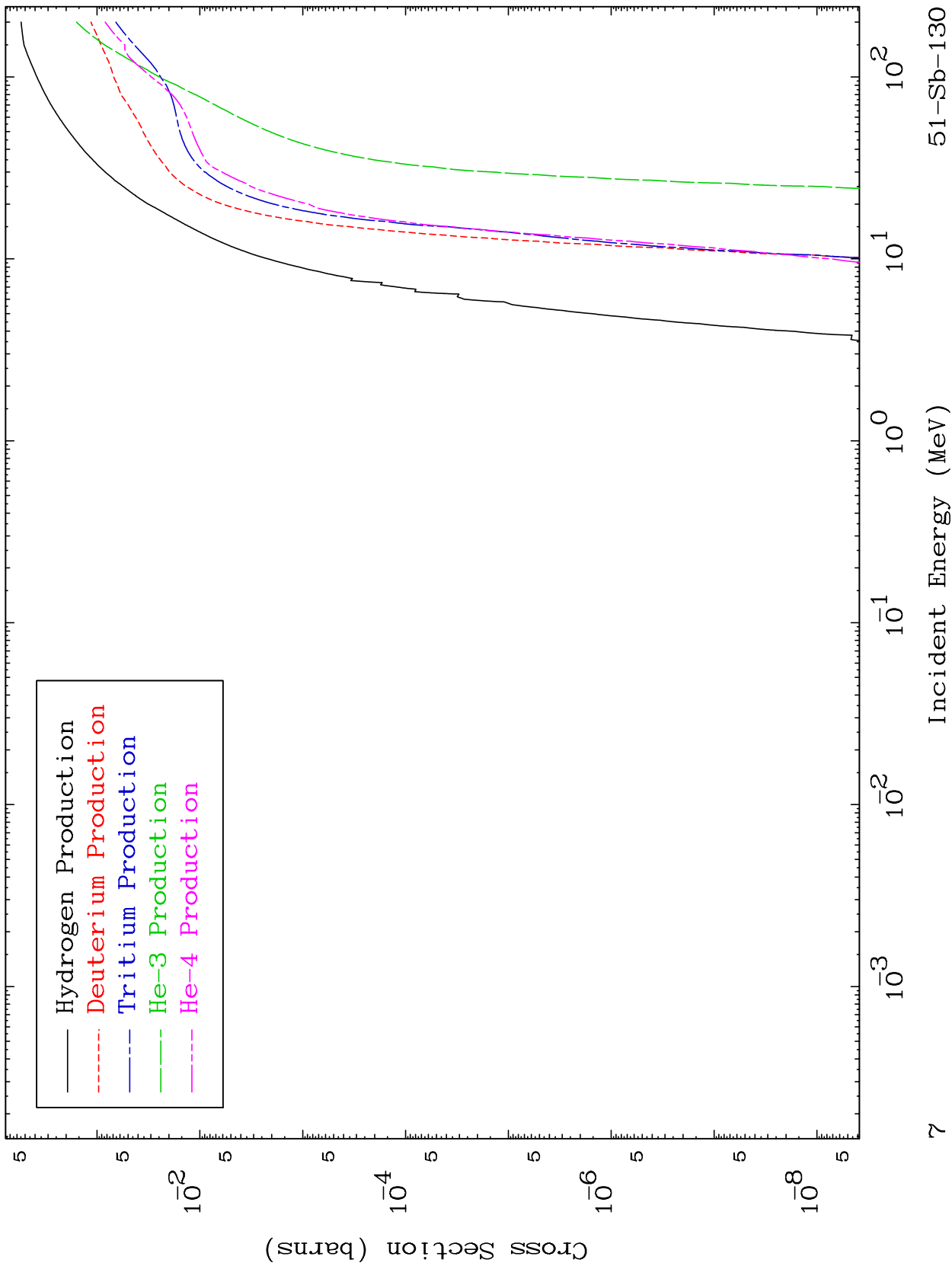


MAT 5152

Charged Particle
293 Kelvin Cross Sections

51-Sb-130

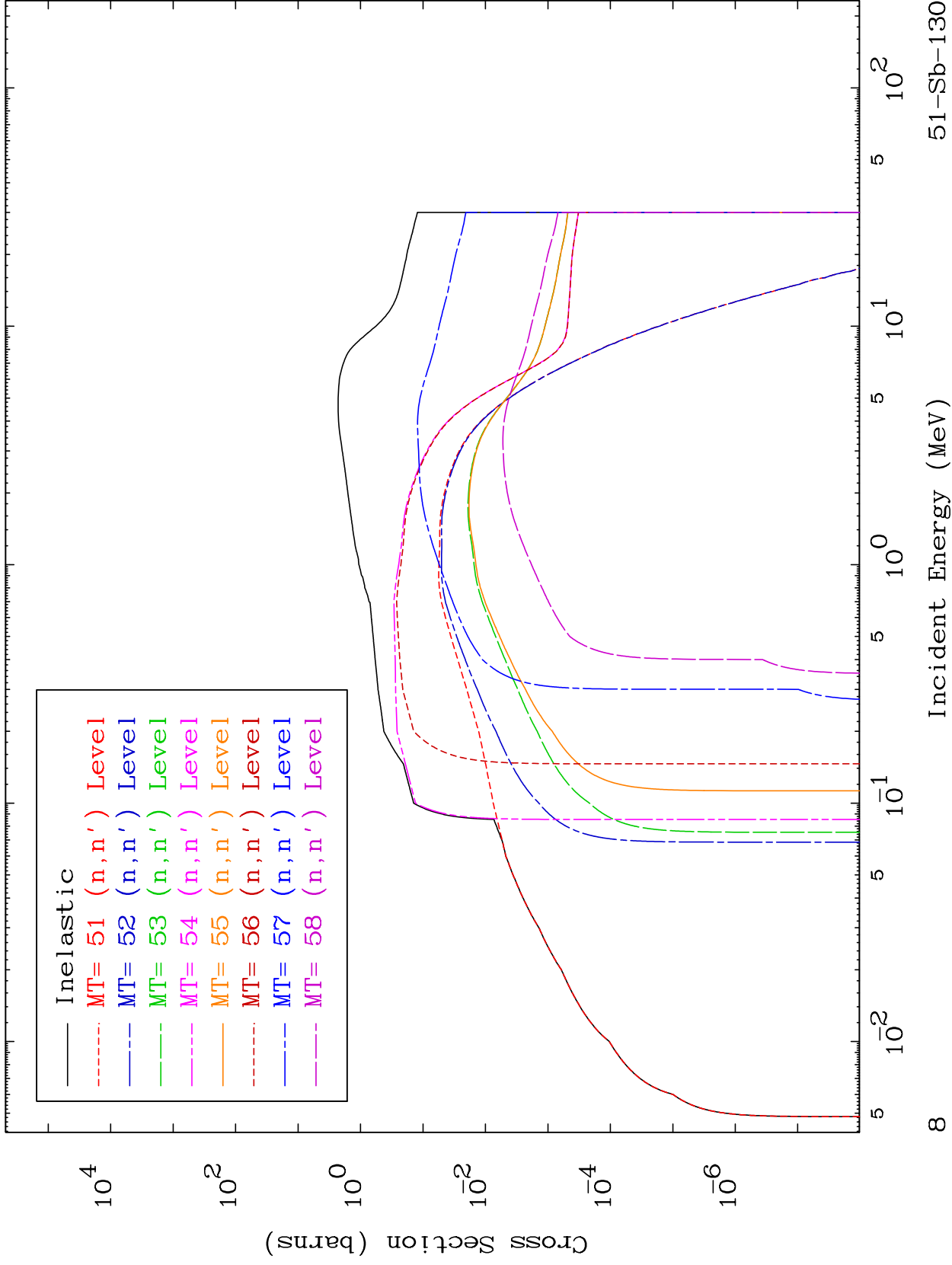




MAT 5152

(n,n') Levels
293 Kelvin Cross Sections

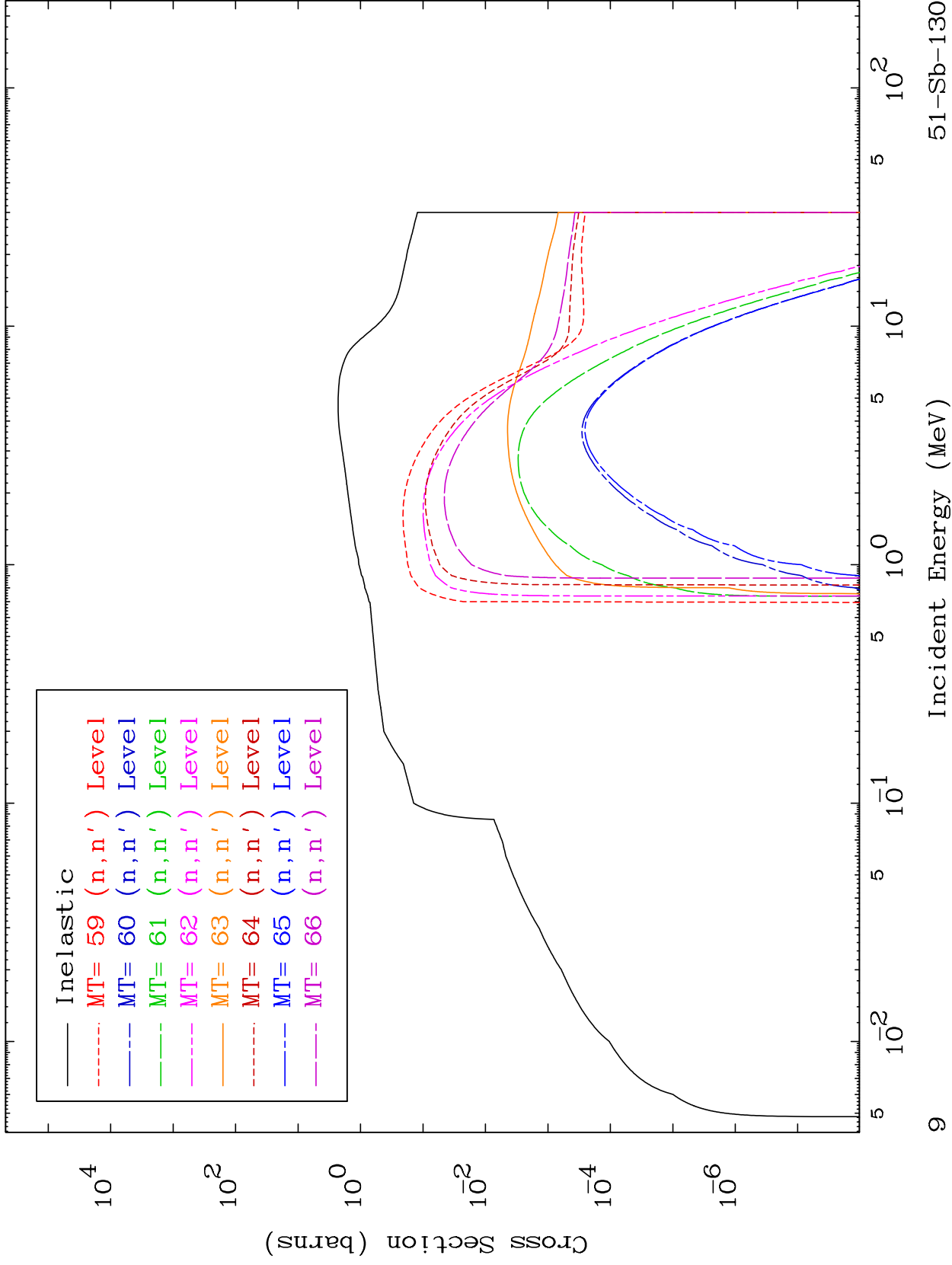
51-Sb-130



MAT 5152

(n,n') Levels
293 Kelvin Cross Sections

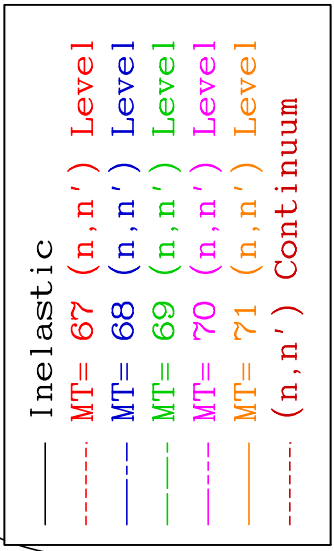
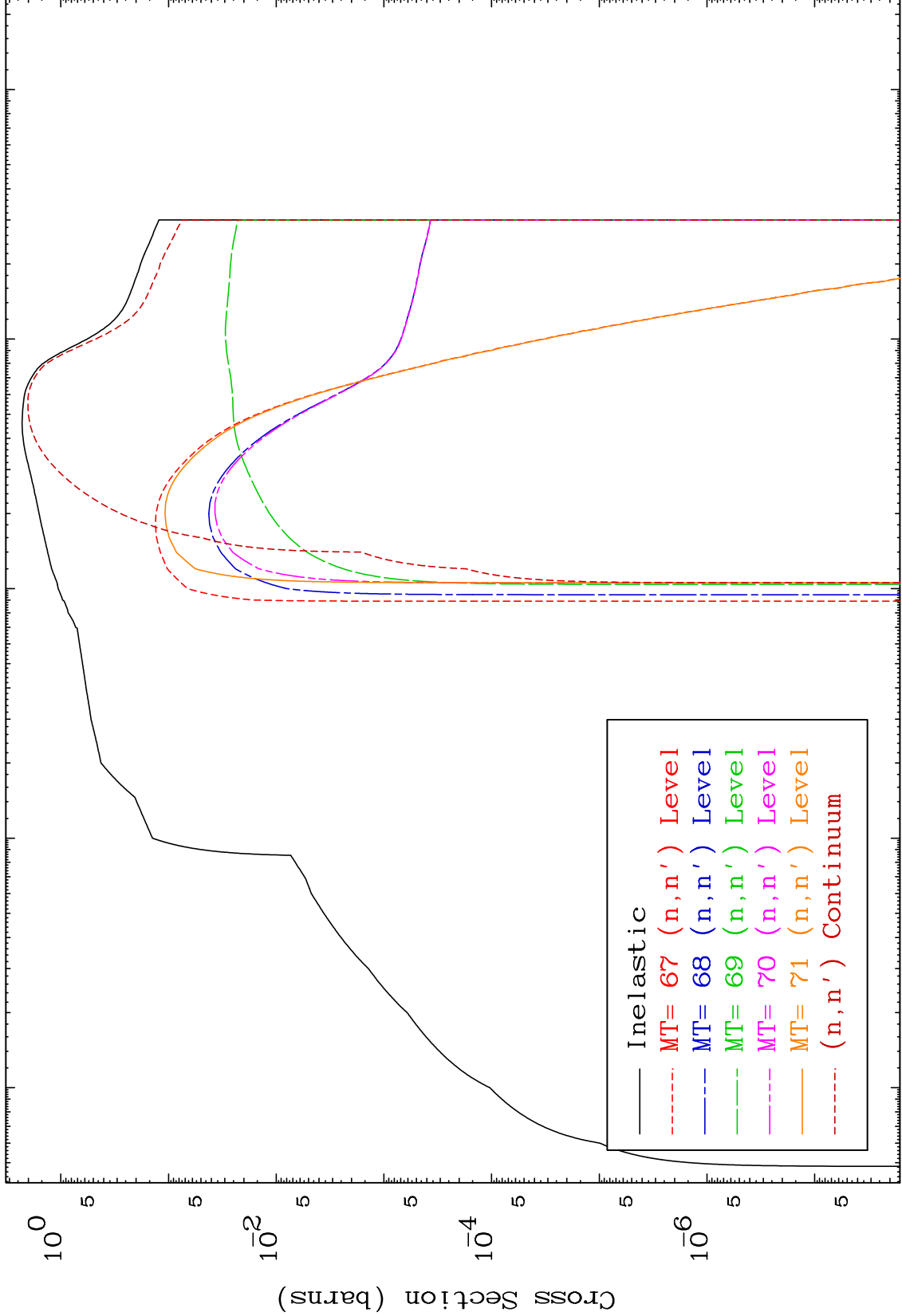
51-Sb-130



MAT 5152

293 Kelvin Cross Sections
(n,n') Levels

51-Sb-130



51-Sb-130

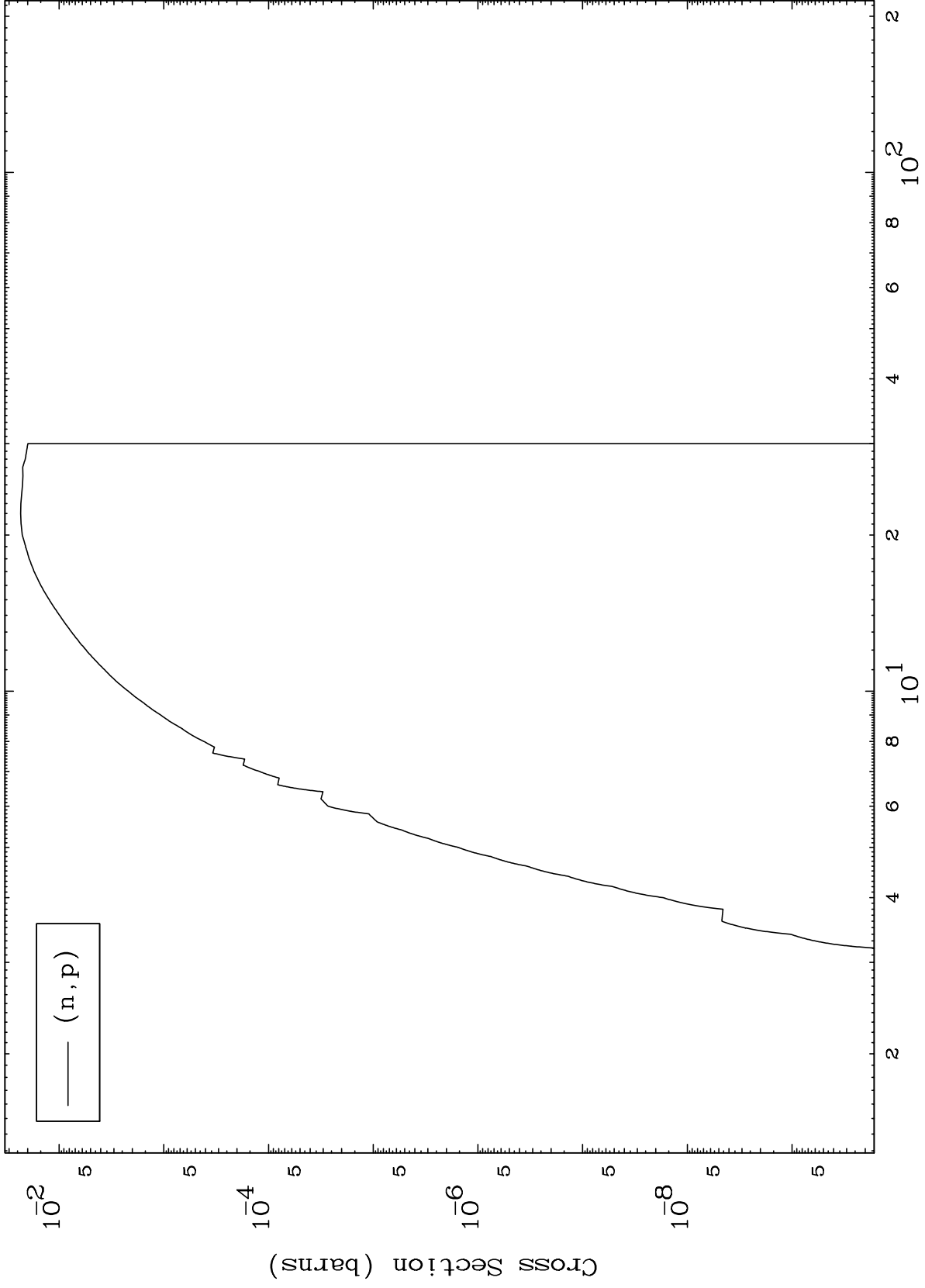
Incident Energy (MeV)

10

MAT 5152

(n,p) Levels
293 Kelvin Cross Sections

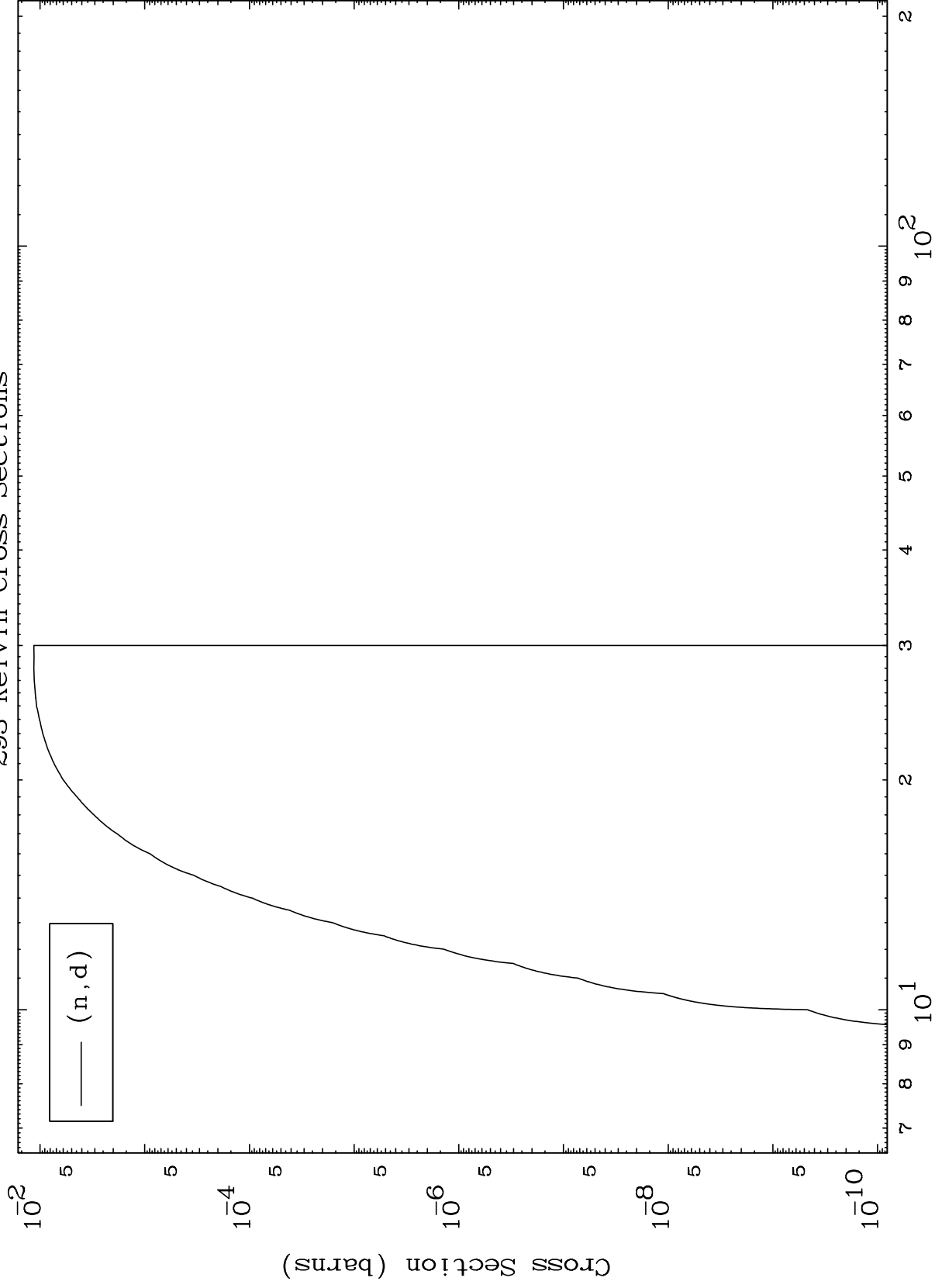
51-Sb-130



MAT 5152

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-130



12

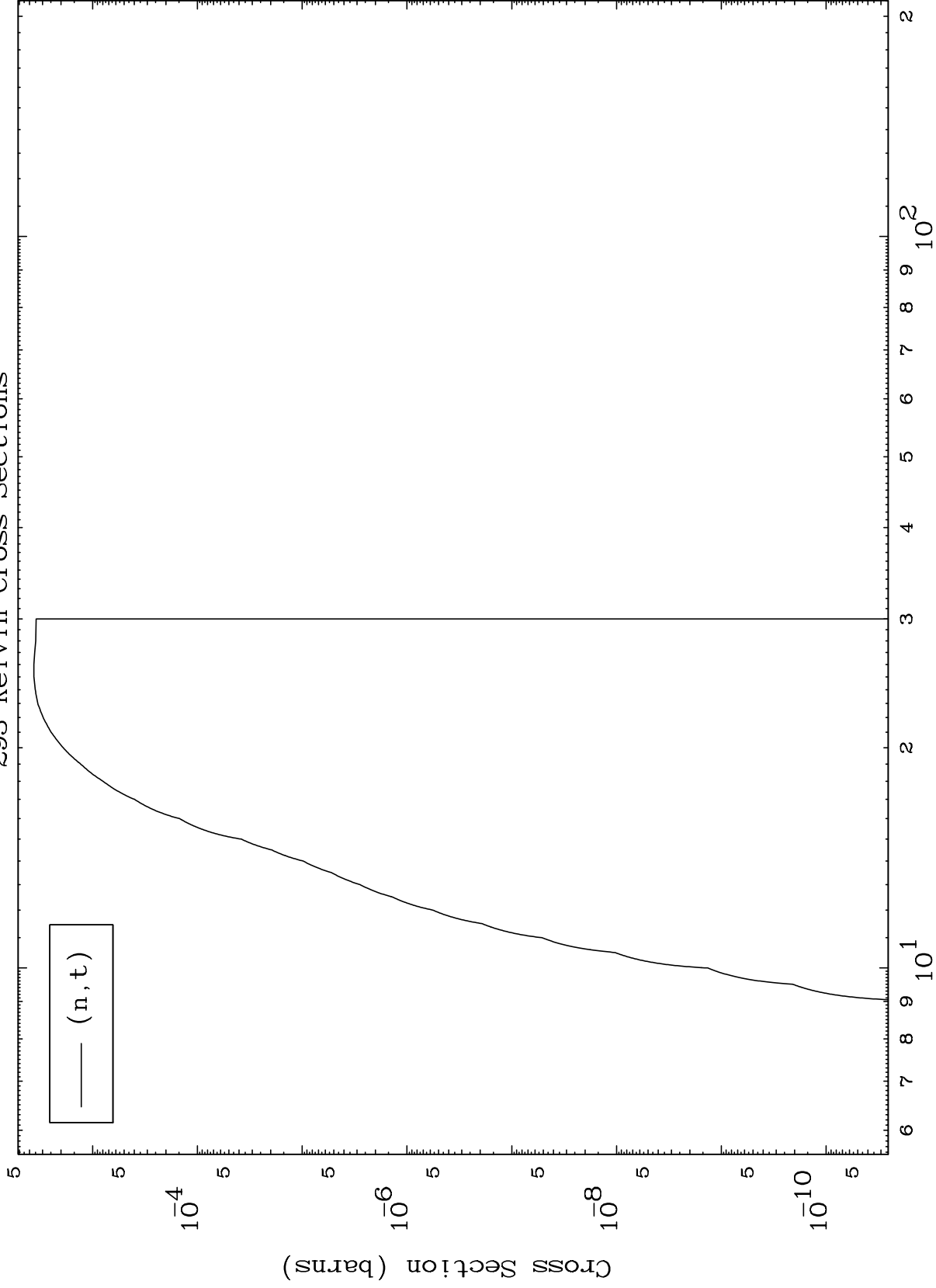
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-130



13

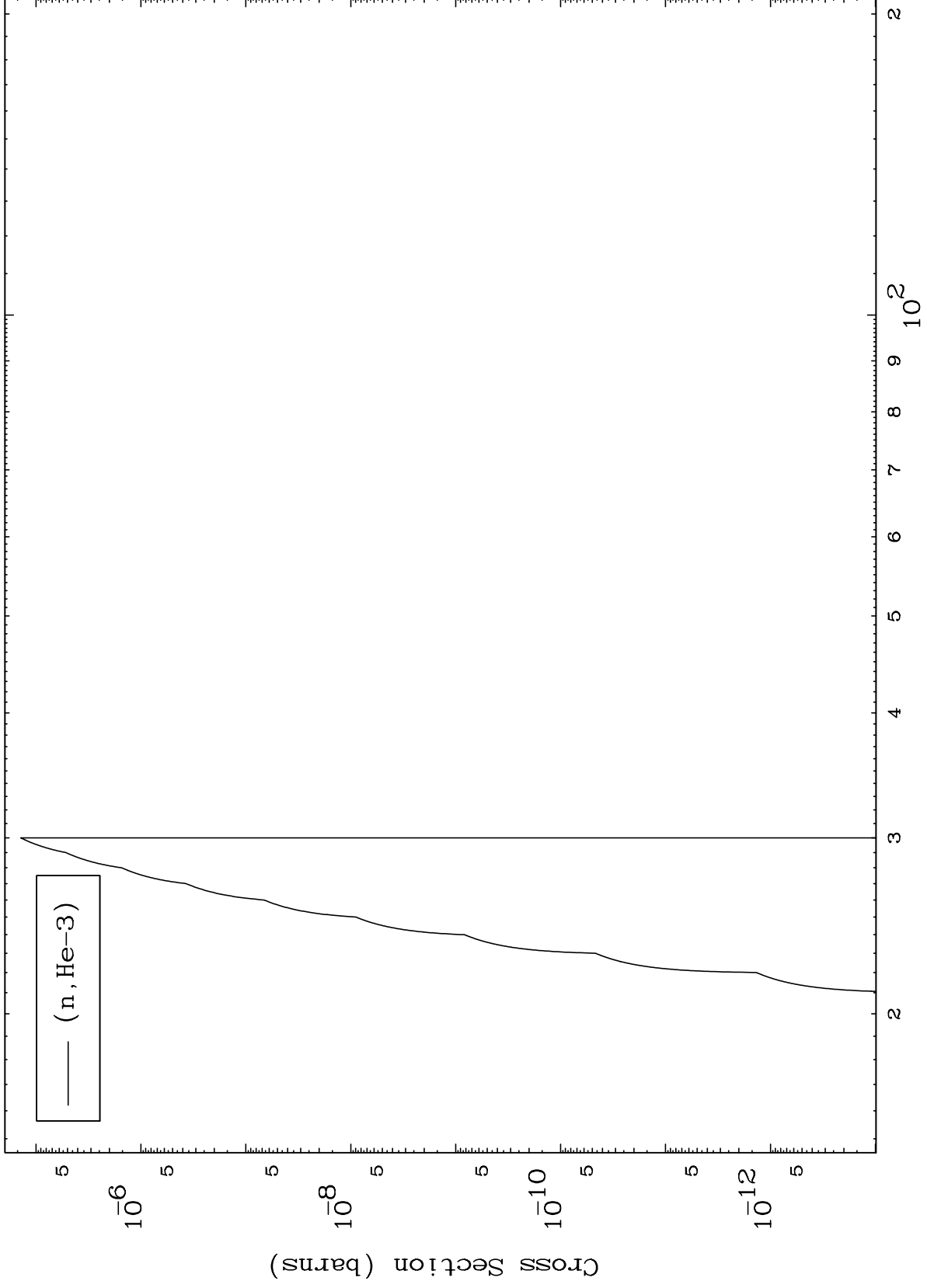
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51-Sb-130

MAT 5152

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-130



14

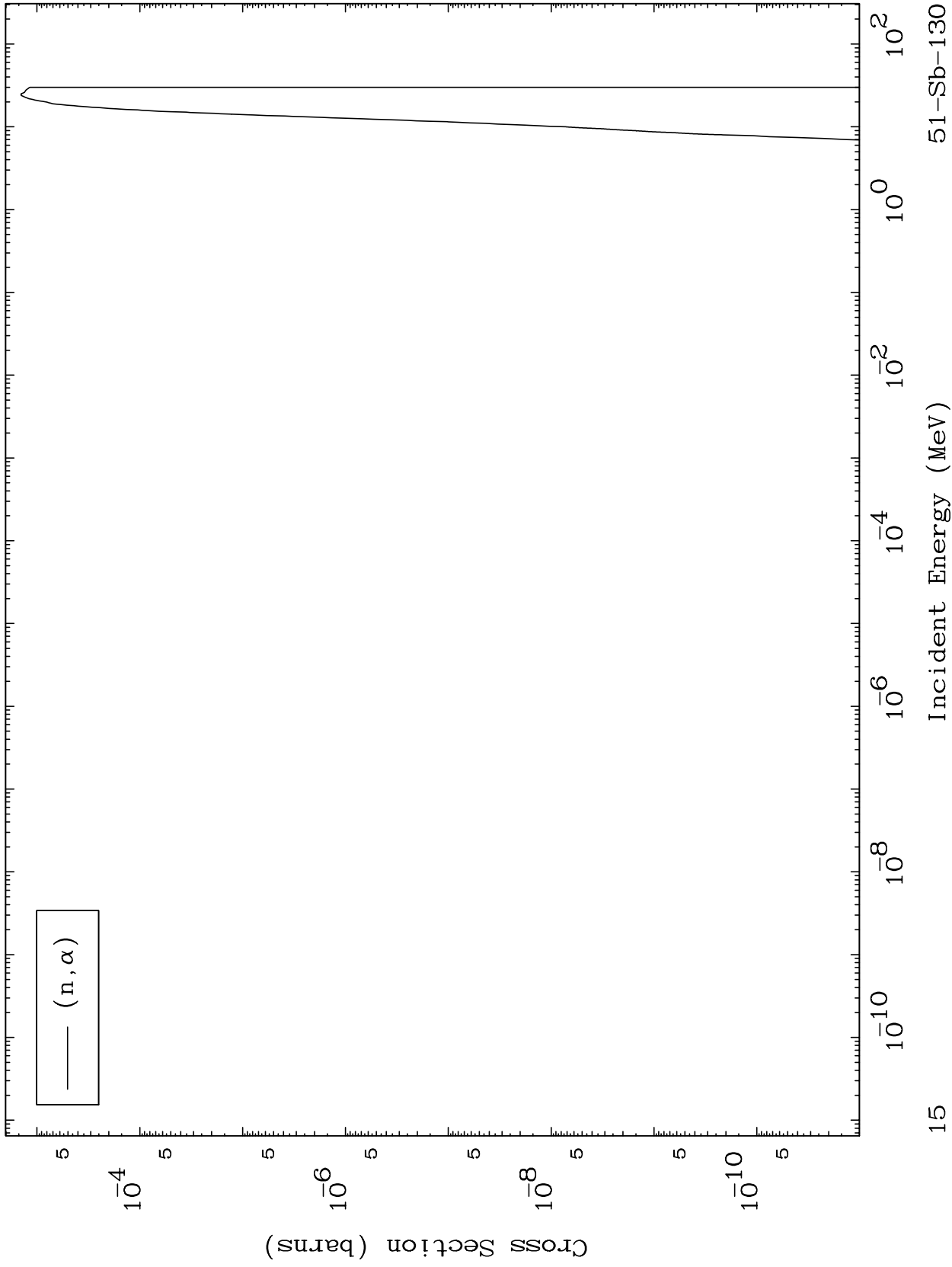
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n, α) Levels
293 Kelvin Cross Sections

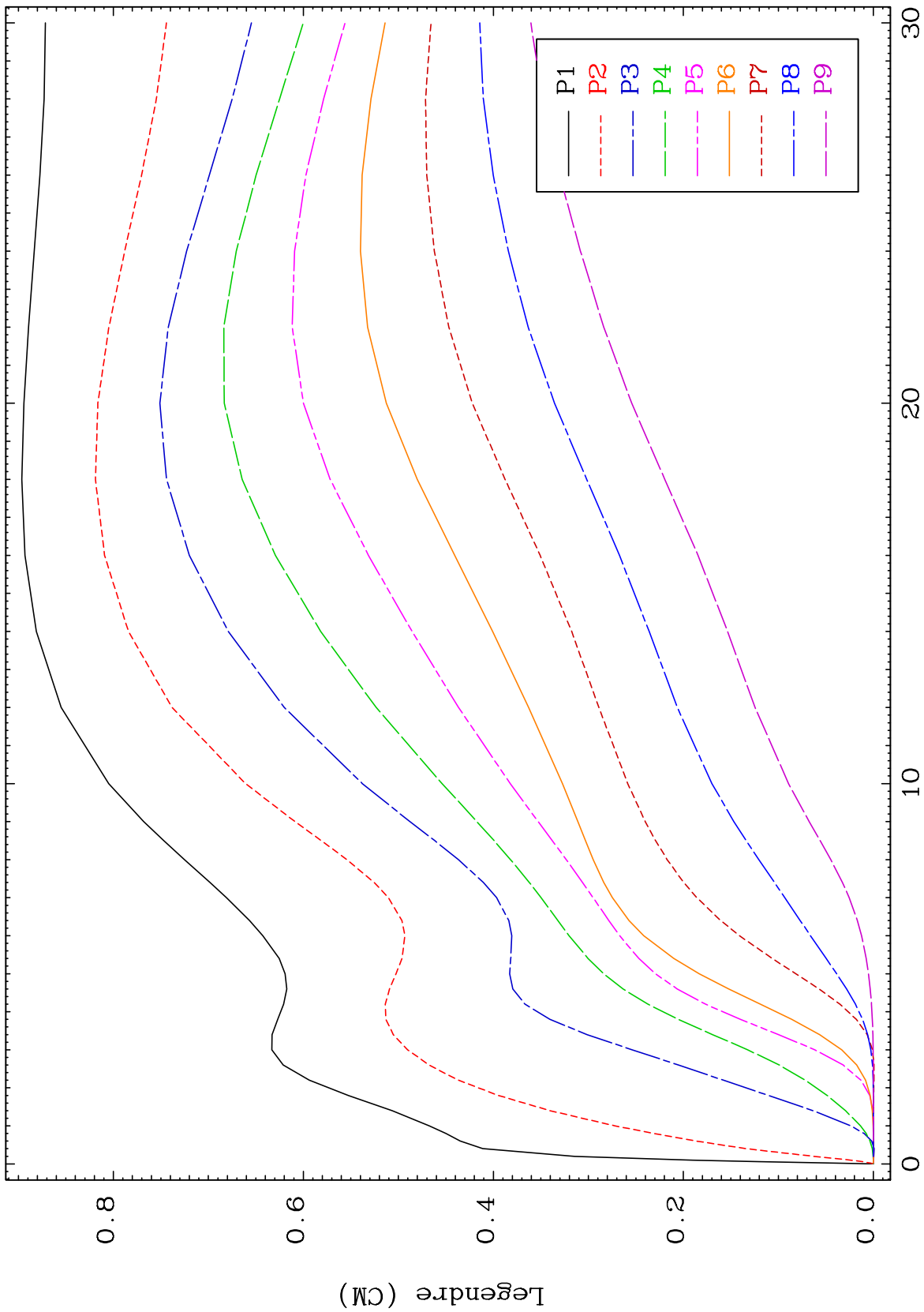
51-Sb-130



MAT 5152

51-Sb-130

Elastic Legendre Coefficients



16

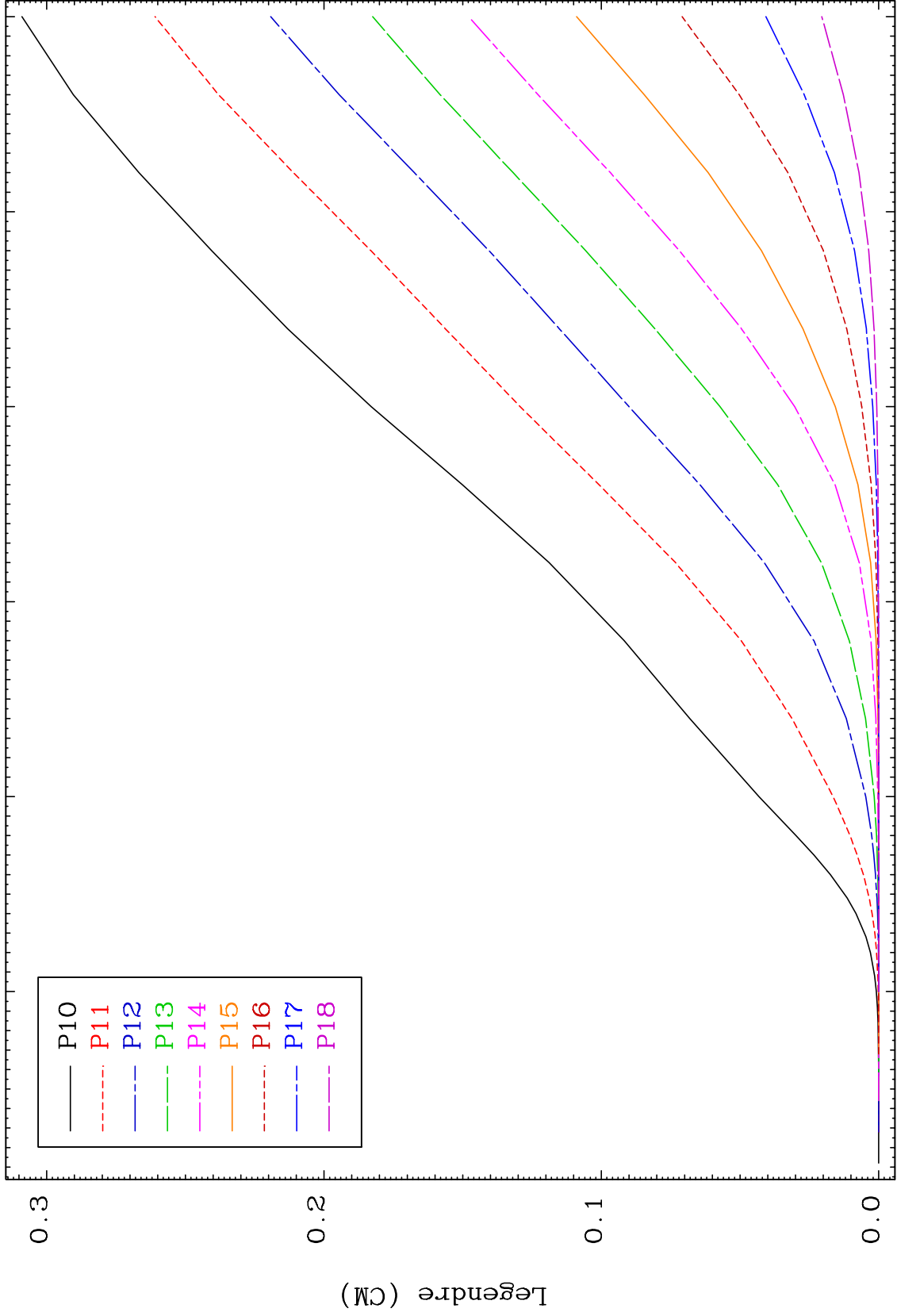
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

51-Sb-130



17

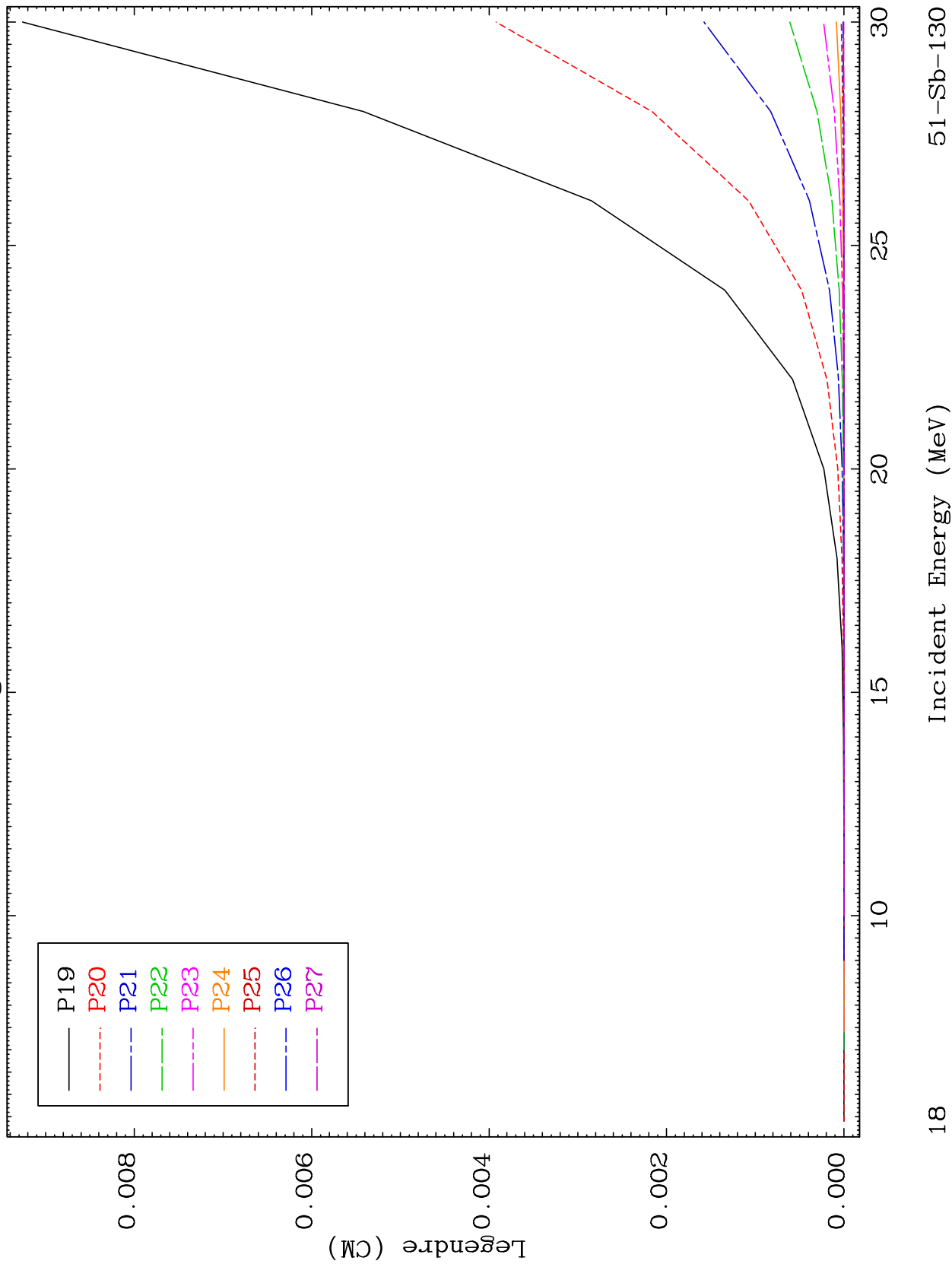
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

51-Sb-130



18

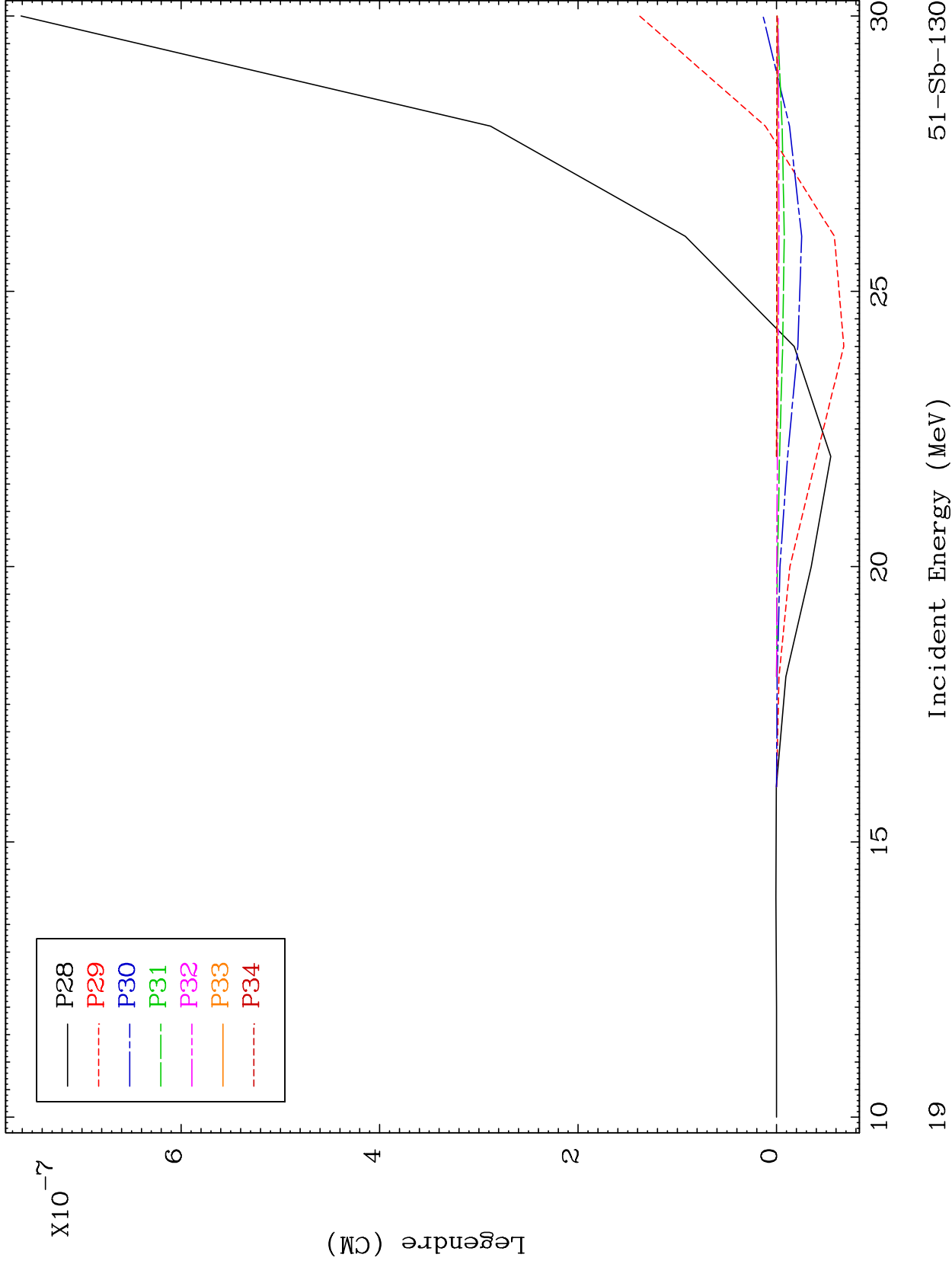
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

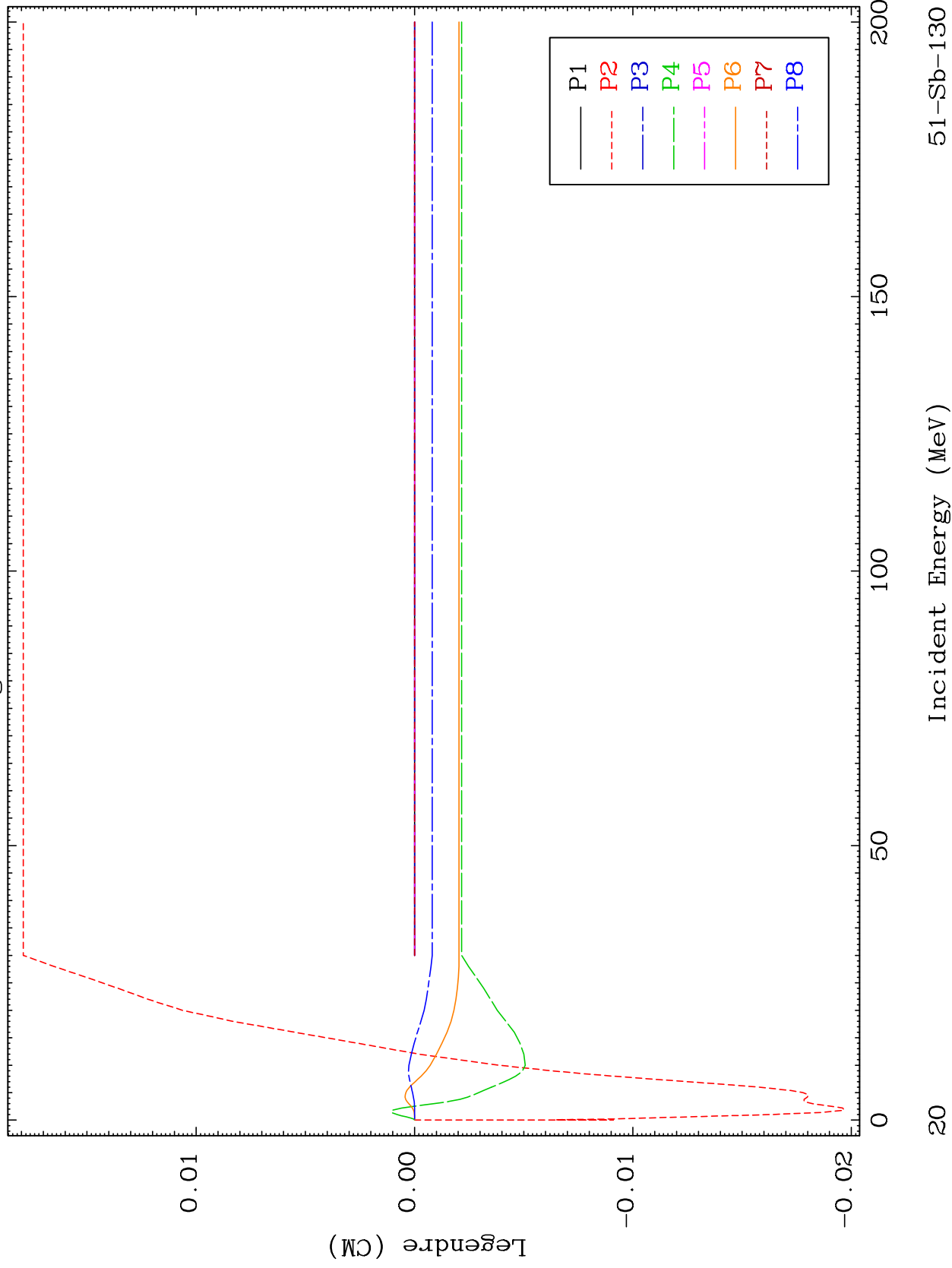
51-Sb-130

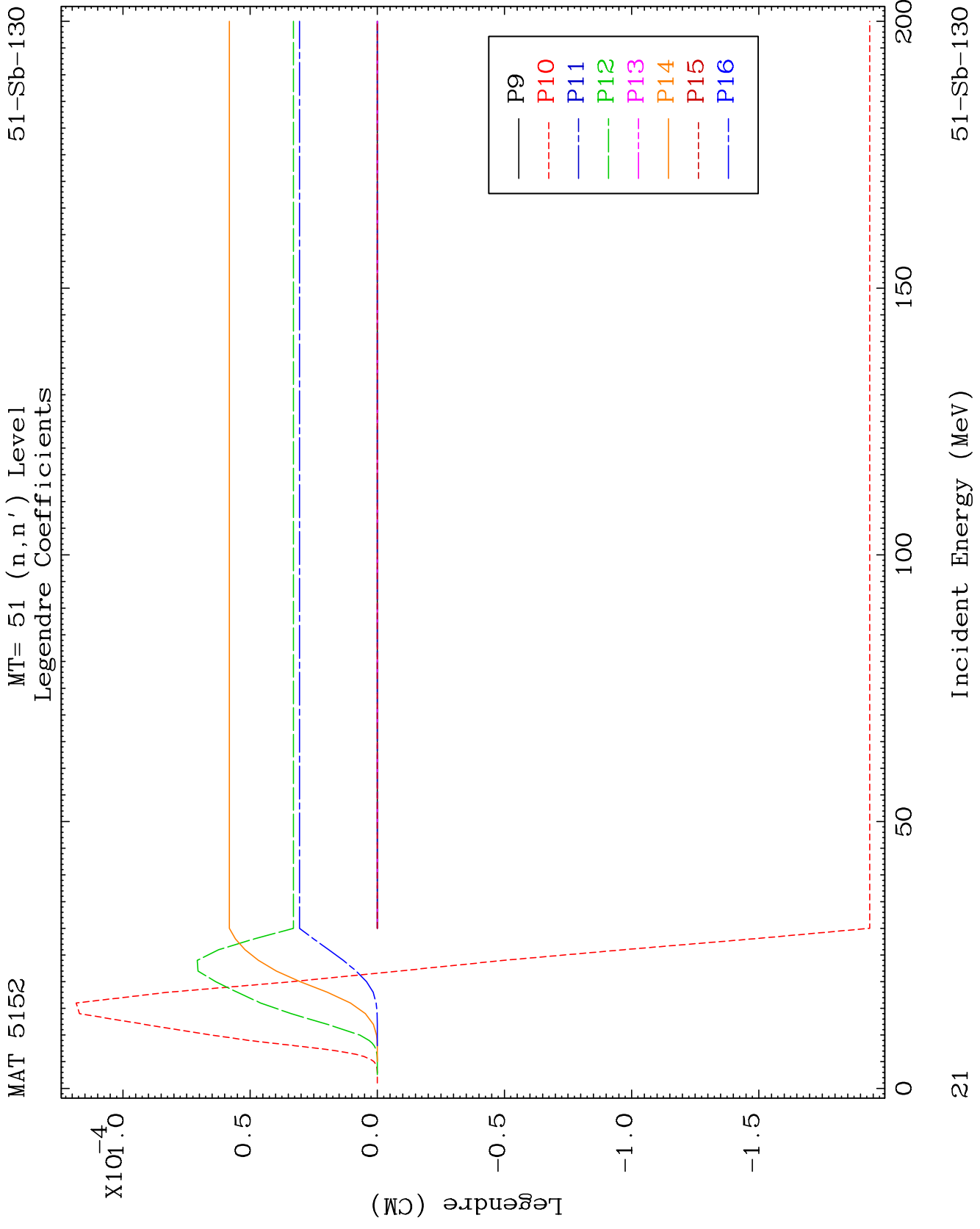


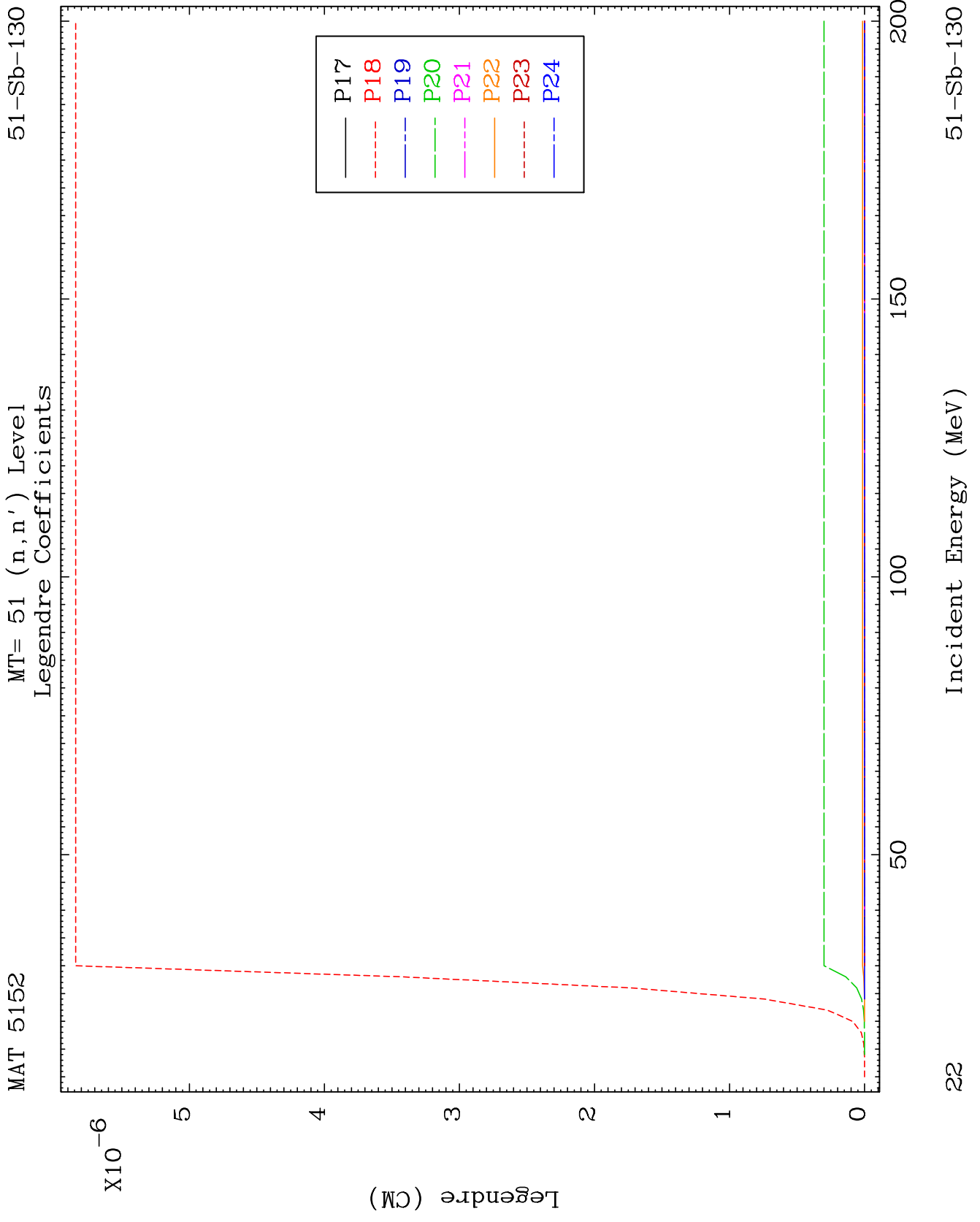
MAT 5152

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

51-Sb-130



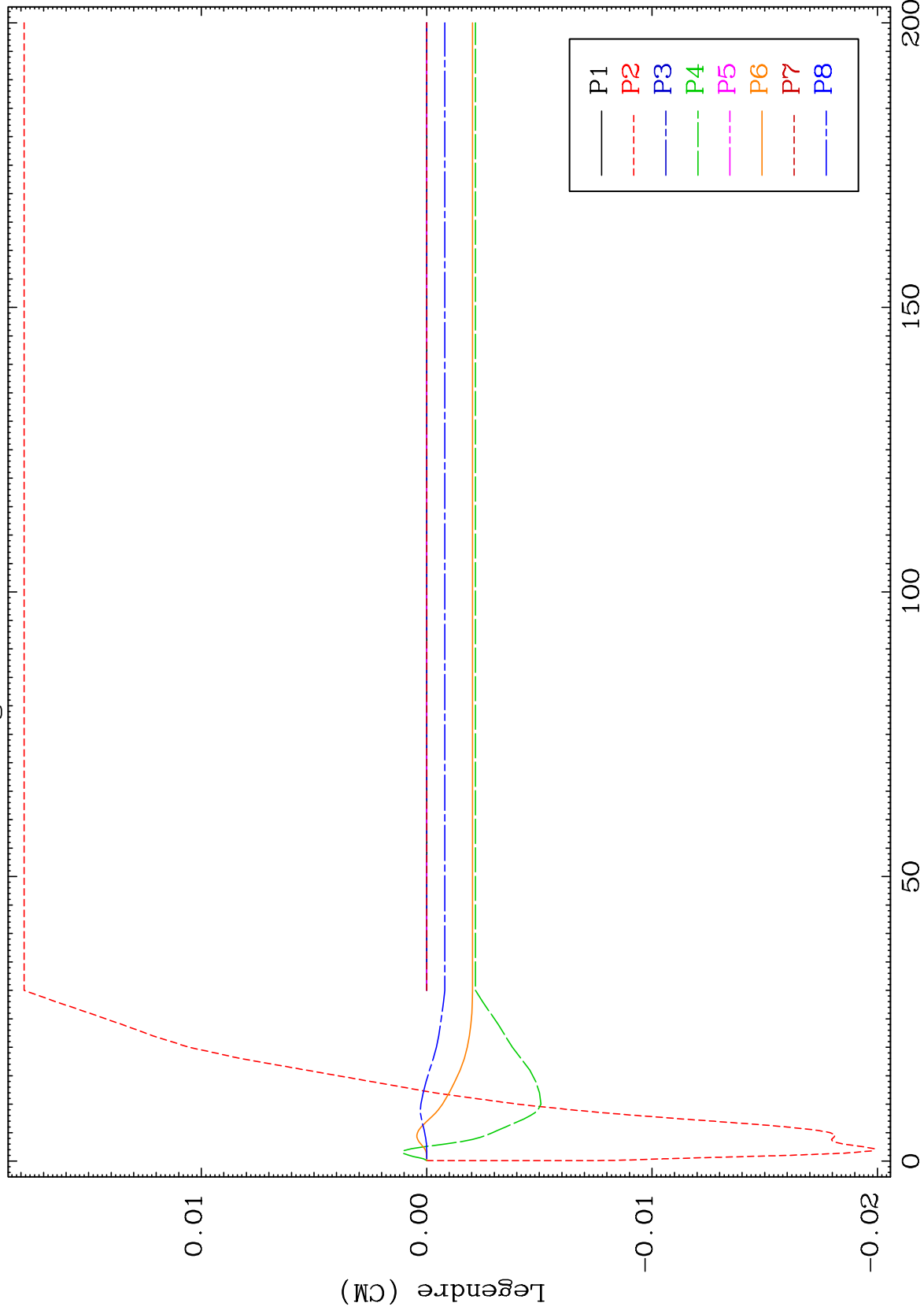




MAT 5152

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

51-Sb-130



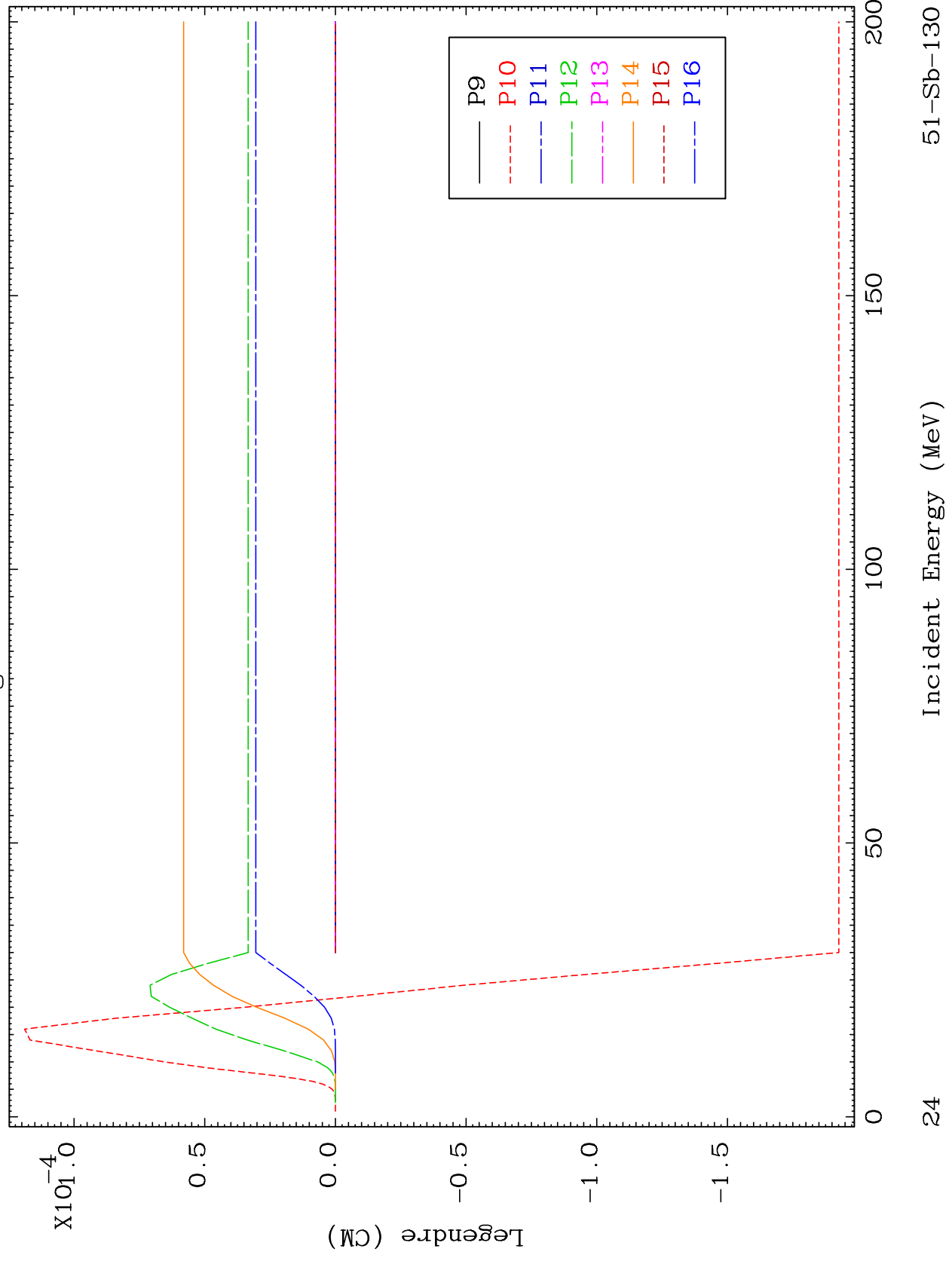
23

51-Sb-130

MAT 5152

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

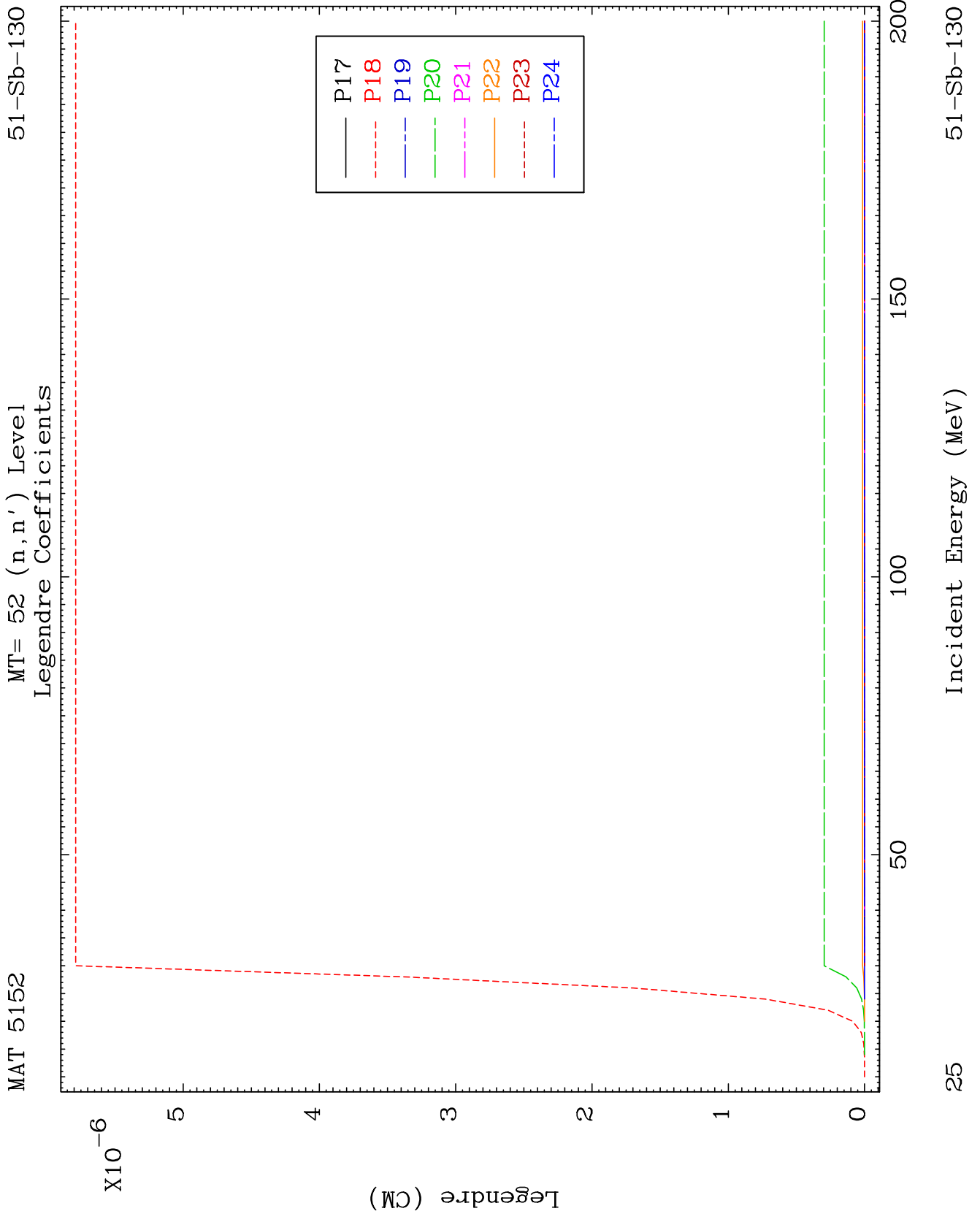
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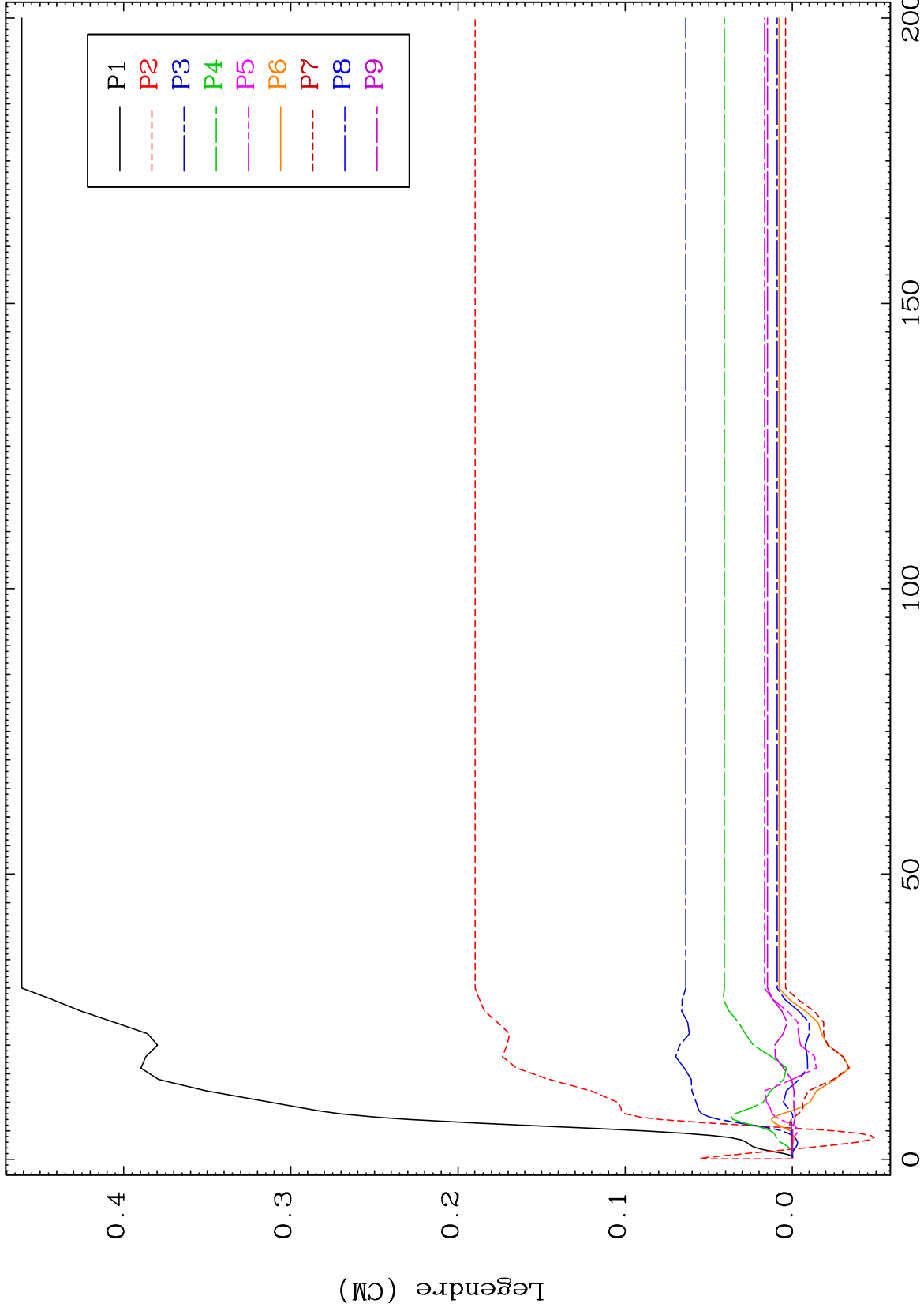


51-Sb-130

Incident Energy (MeV)

24

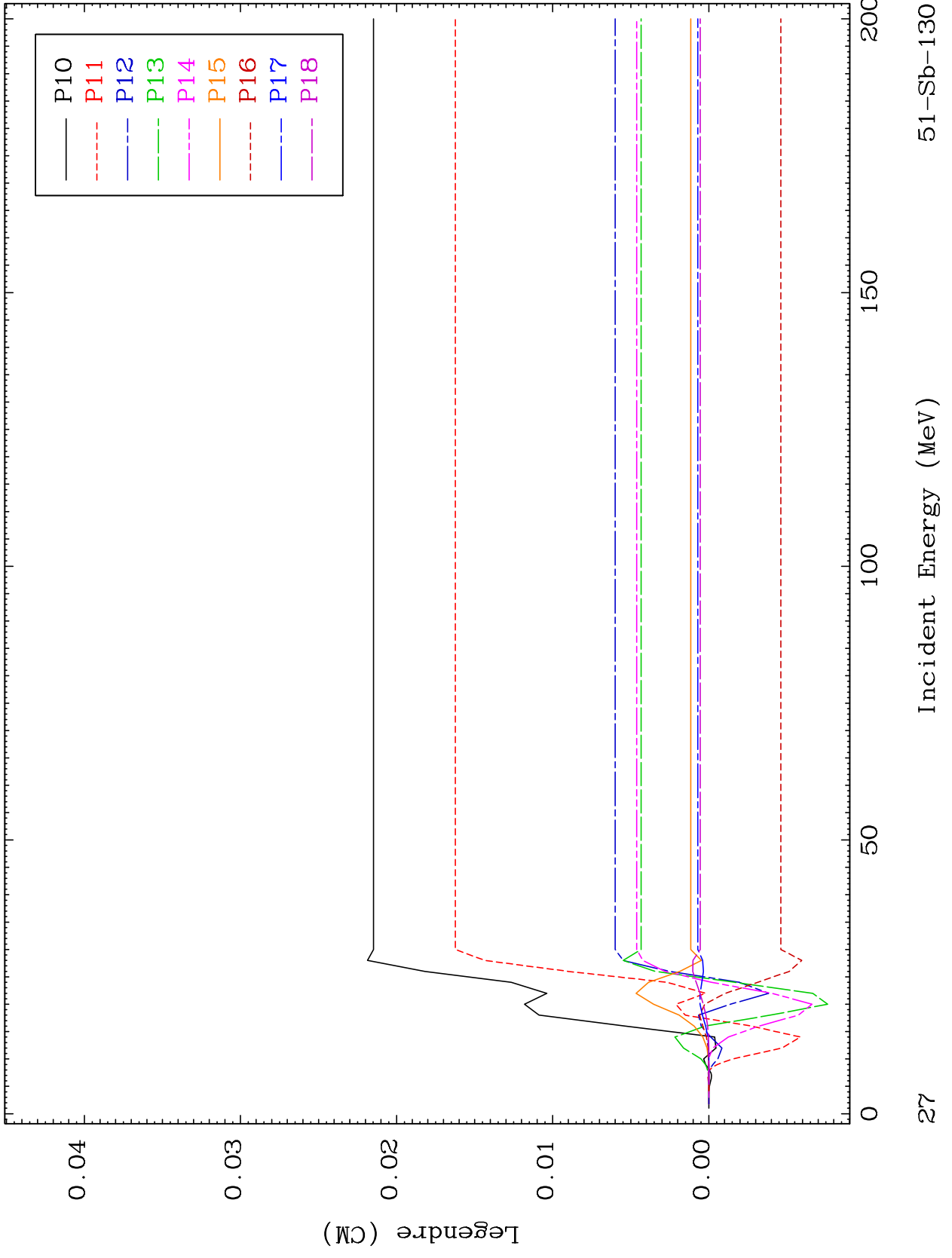




MAT 5152

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

51-Sb-130



27

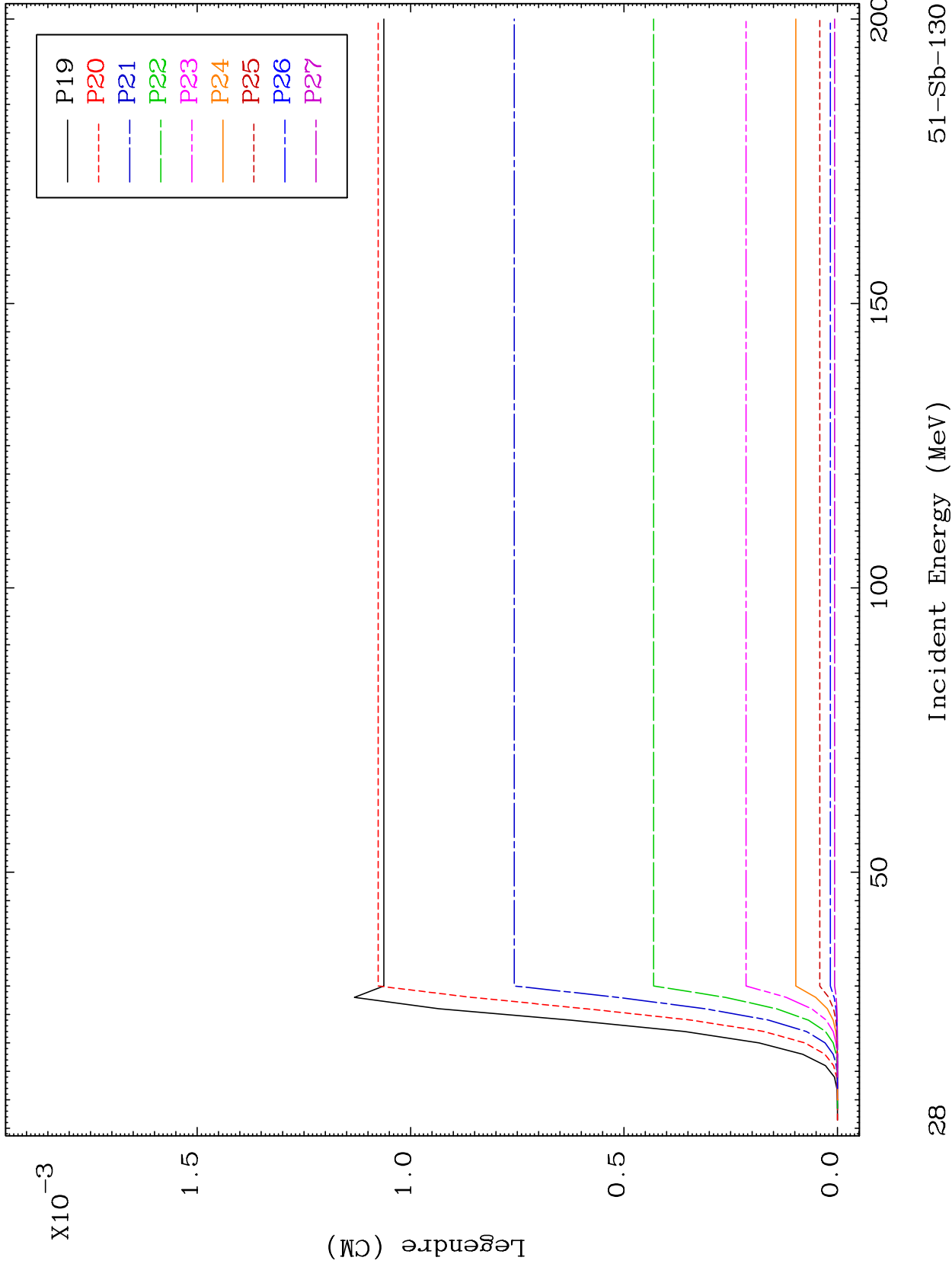
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

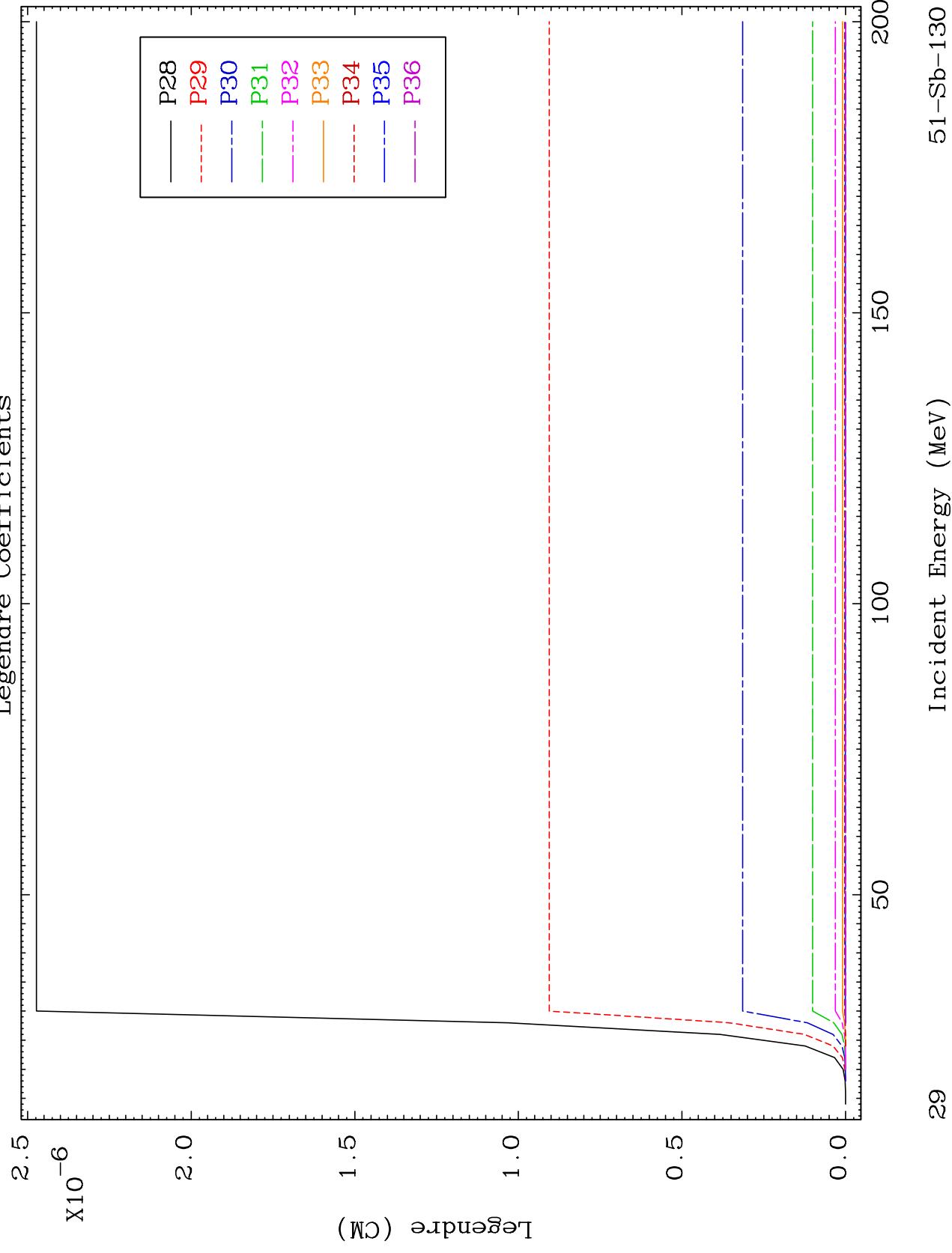
51-Sb-130



28

Incident Energy (MeV)

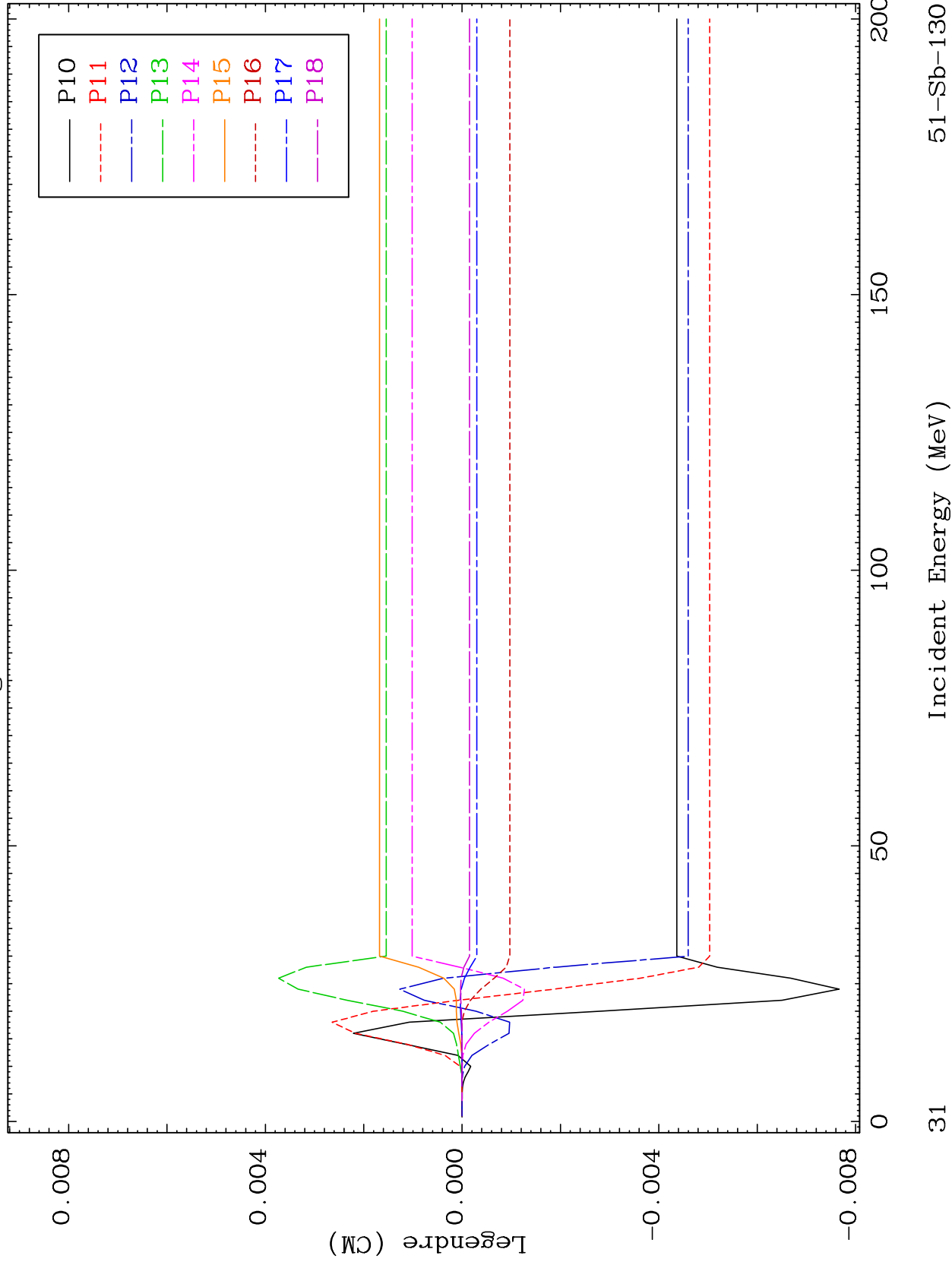
51-Sb-130



MAT 5152

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

51-Sb-130



31

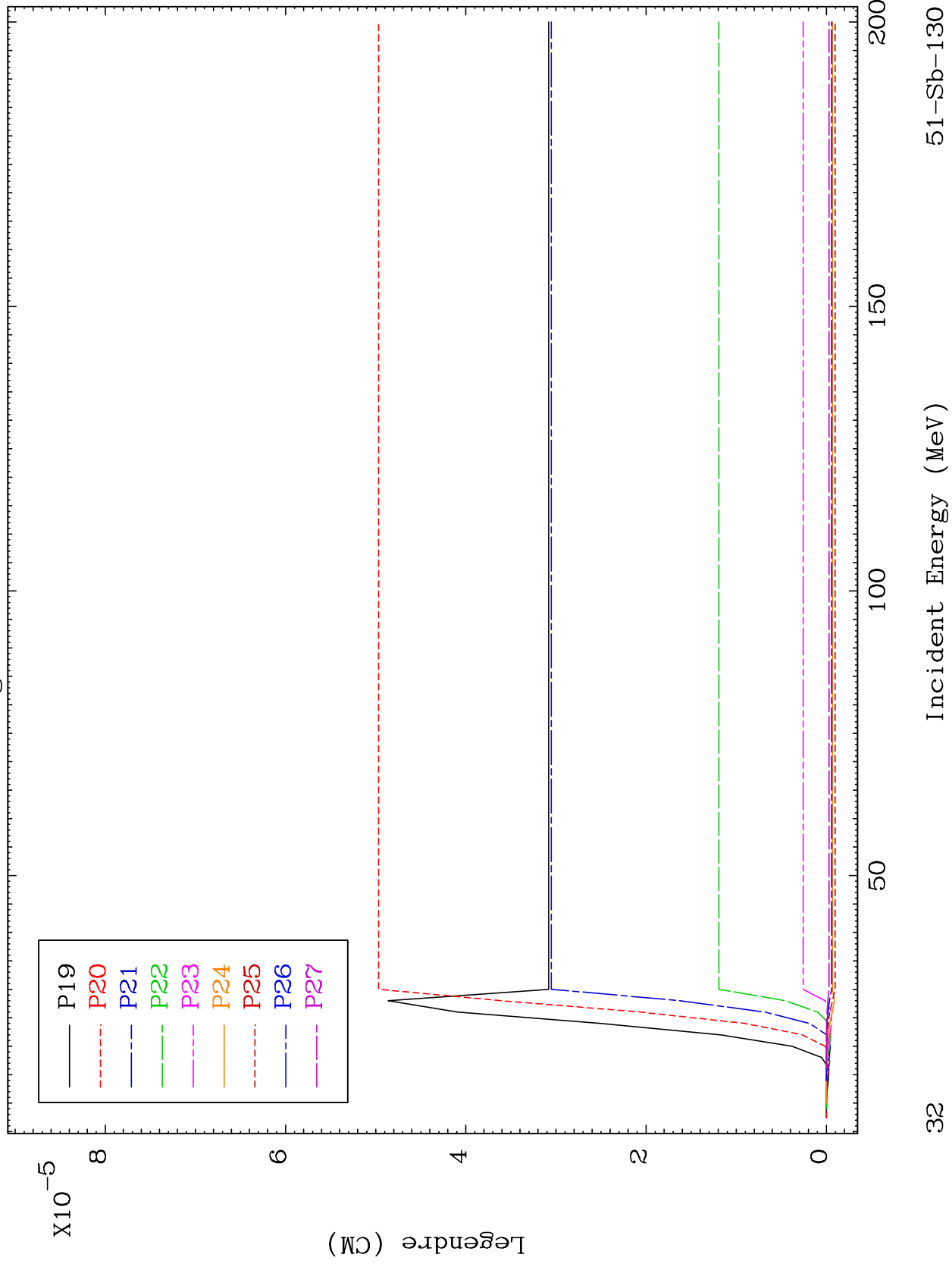
Incident Energy (MeV)

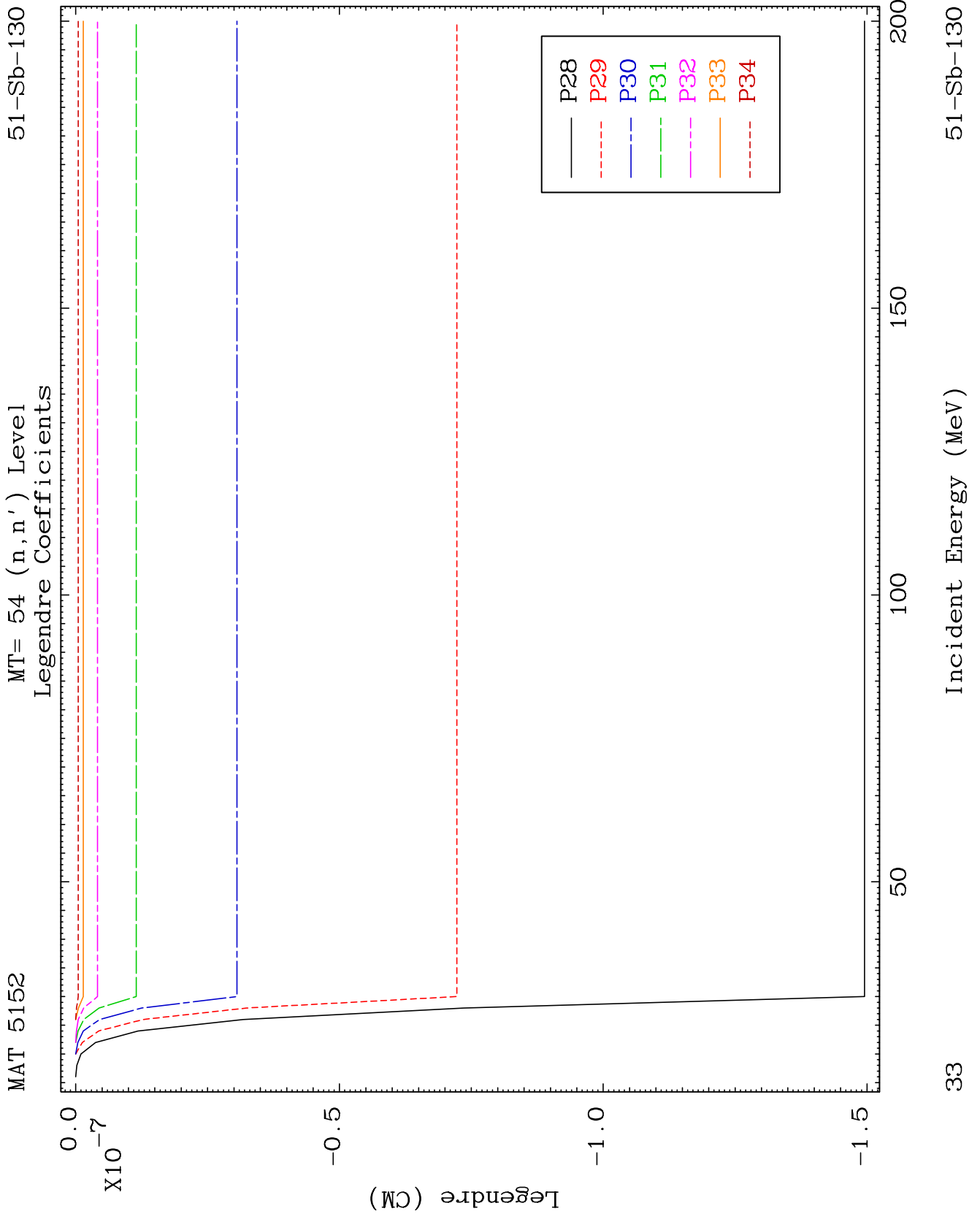
51-Sb-130

MAT 5152

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

51-Sb-130

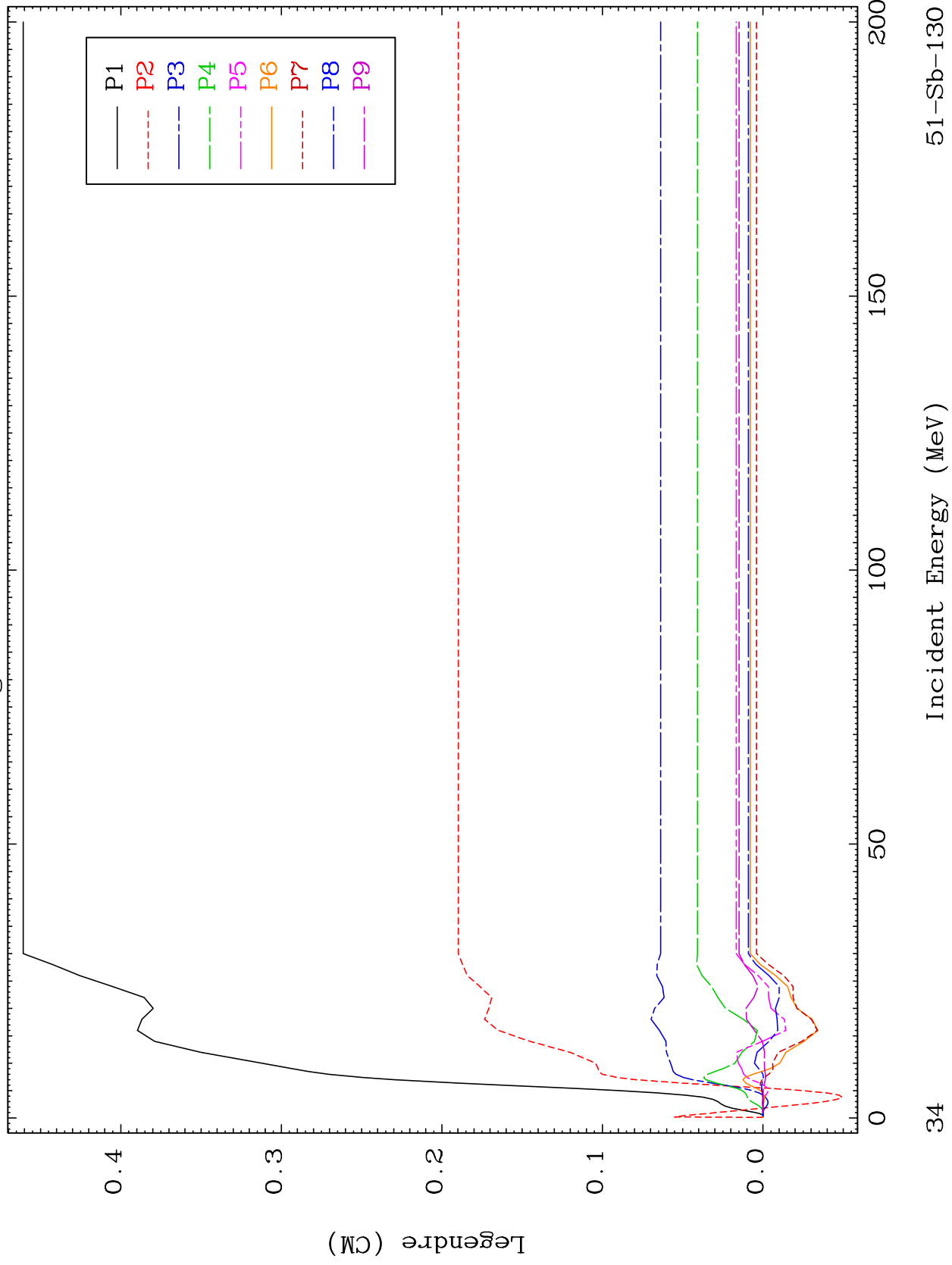




MAT 5152

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

51-Sb-130



51-Sb-130

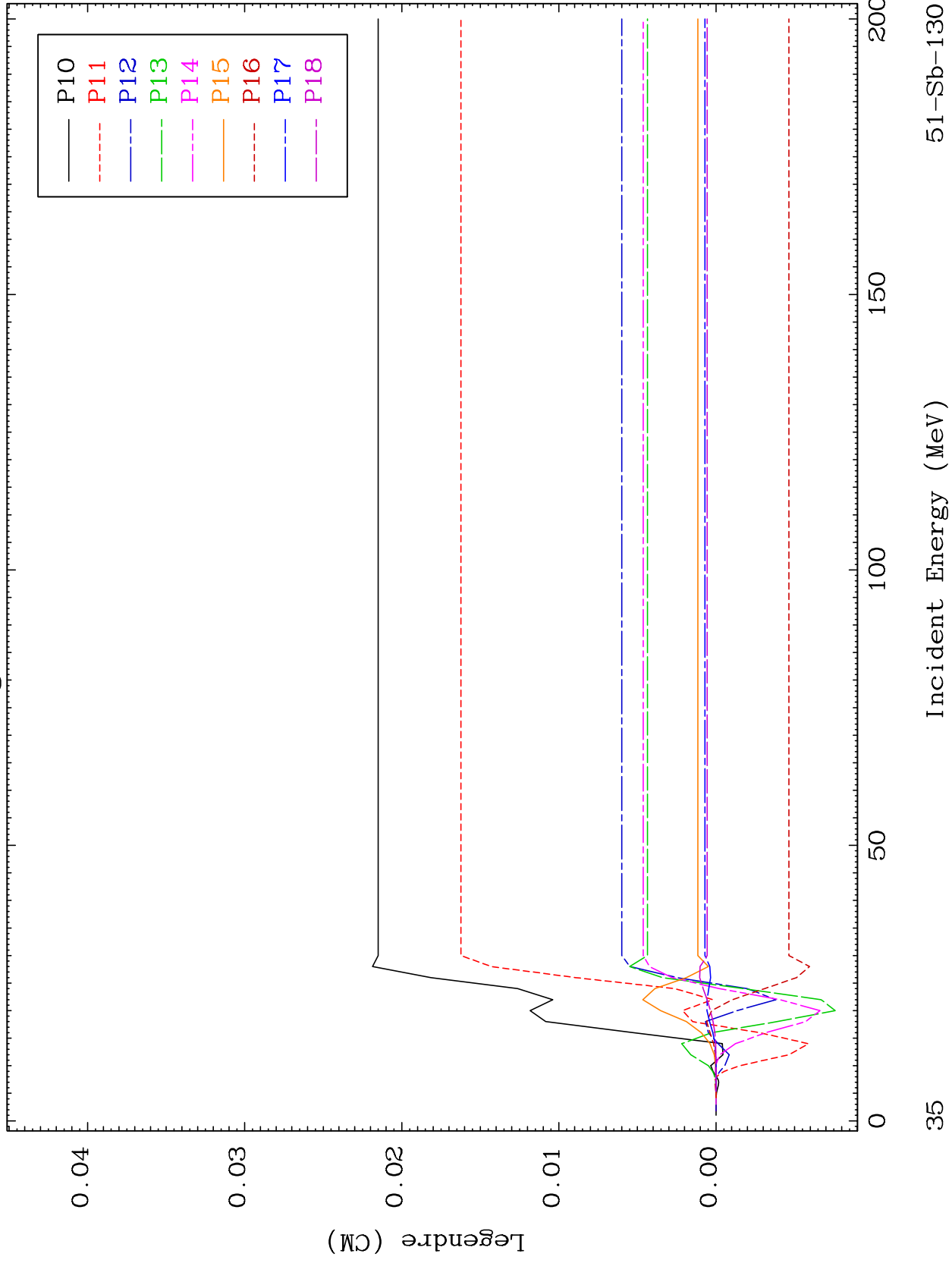
Incident Energy (MeV)

34

MAT 5152

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

51-Sb-130



51-Sb-130

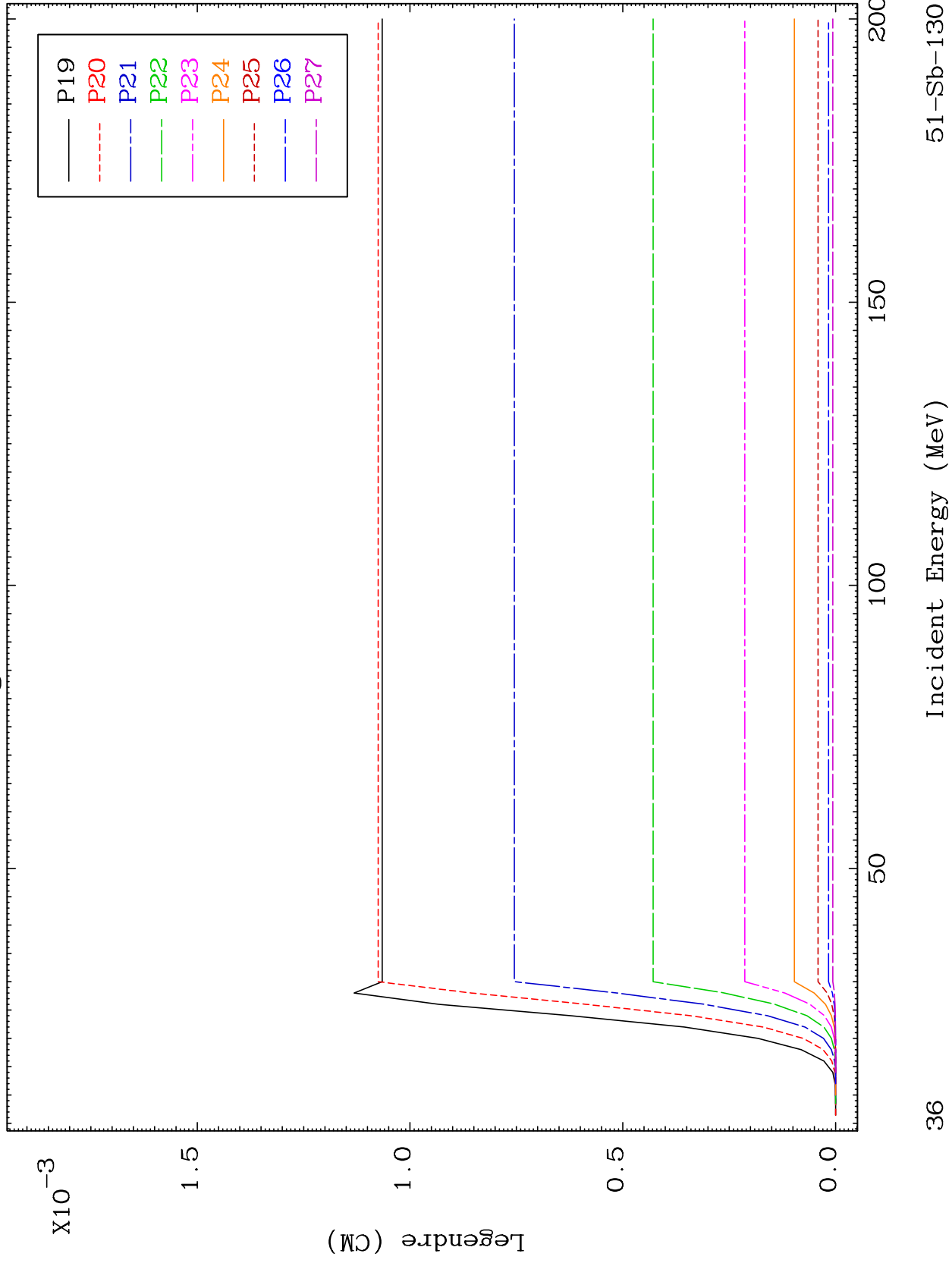
Incident Energy (MeV)

35

MAT 5152

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

51-Sb-130



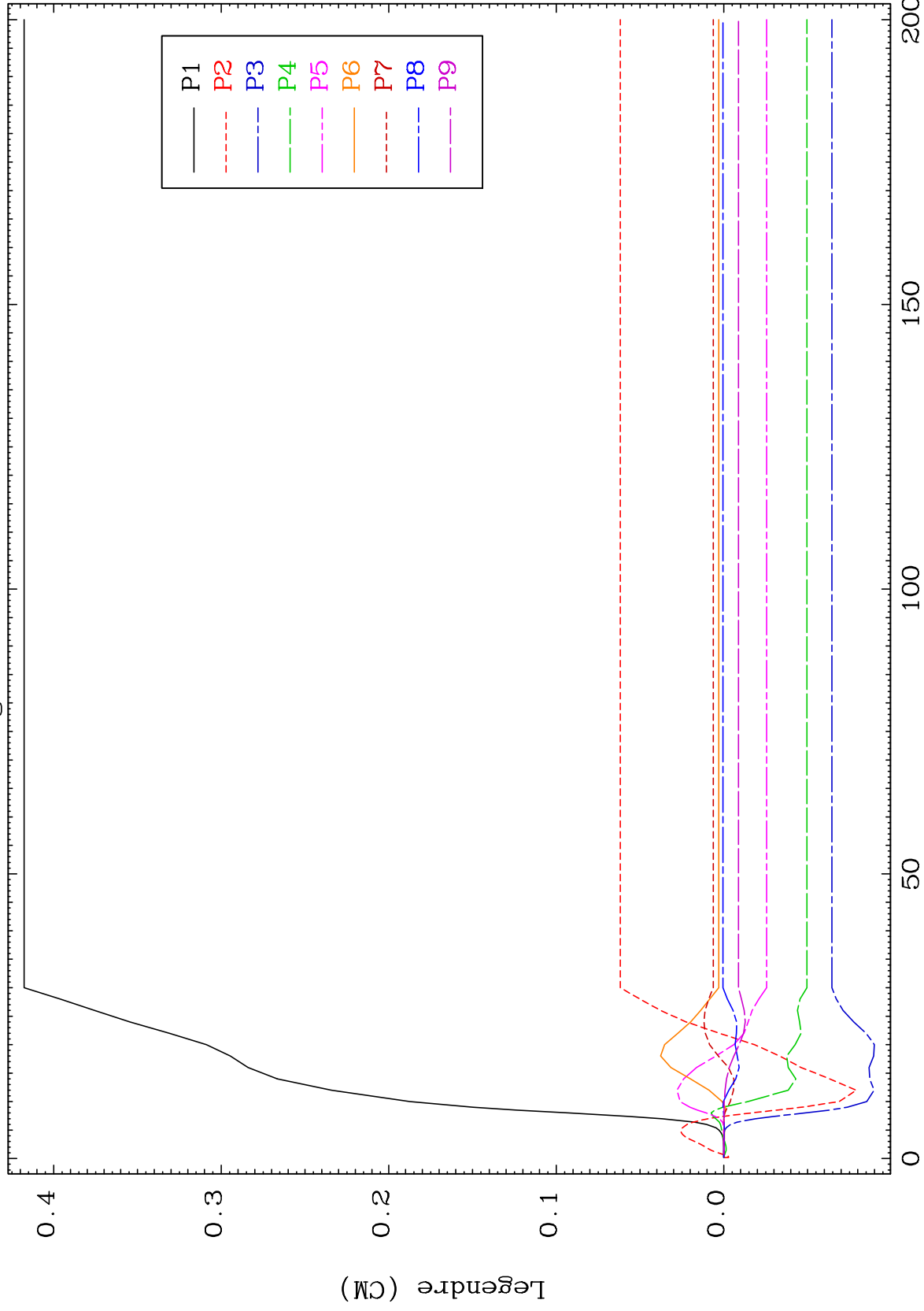
36

51-Sb-130

MAT 5152

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

51-Sb-130



51-Sb-130

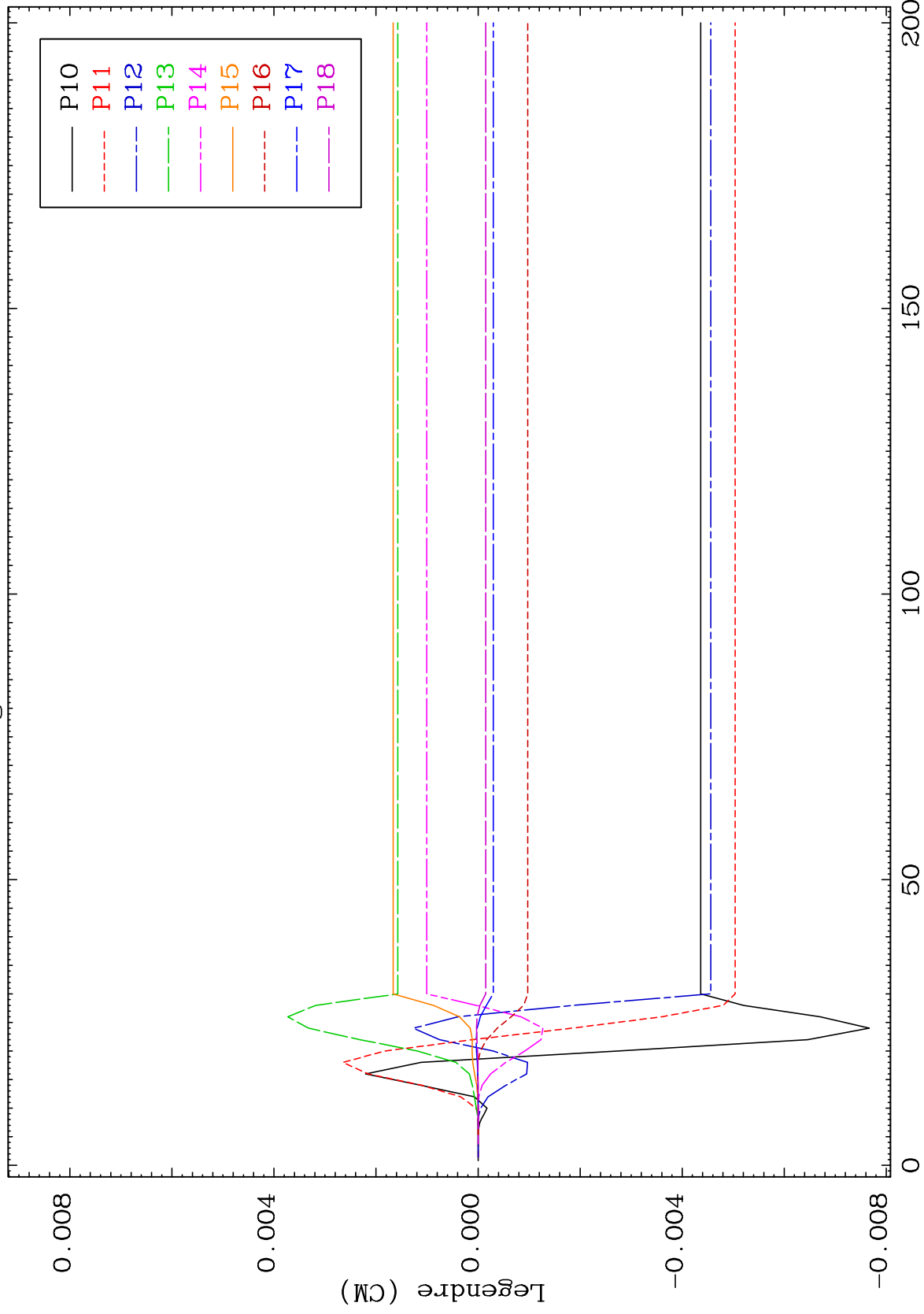
Incident Energy (MeV)

38

MAT 5152

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

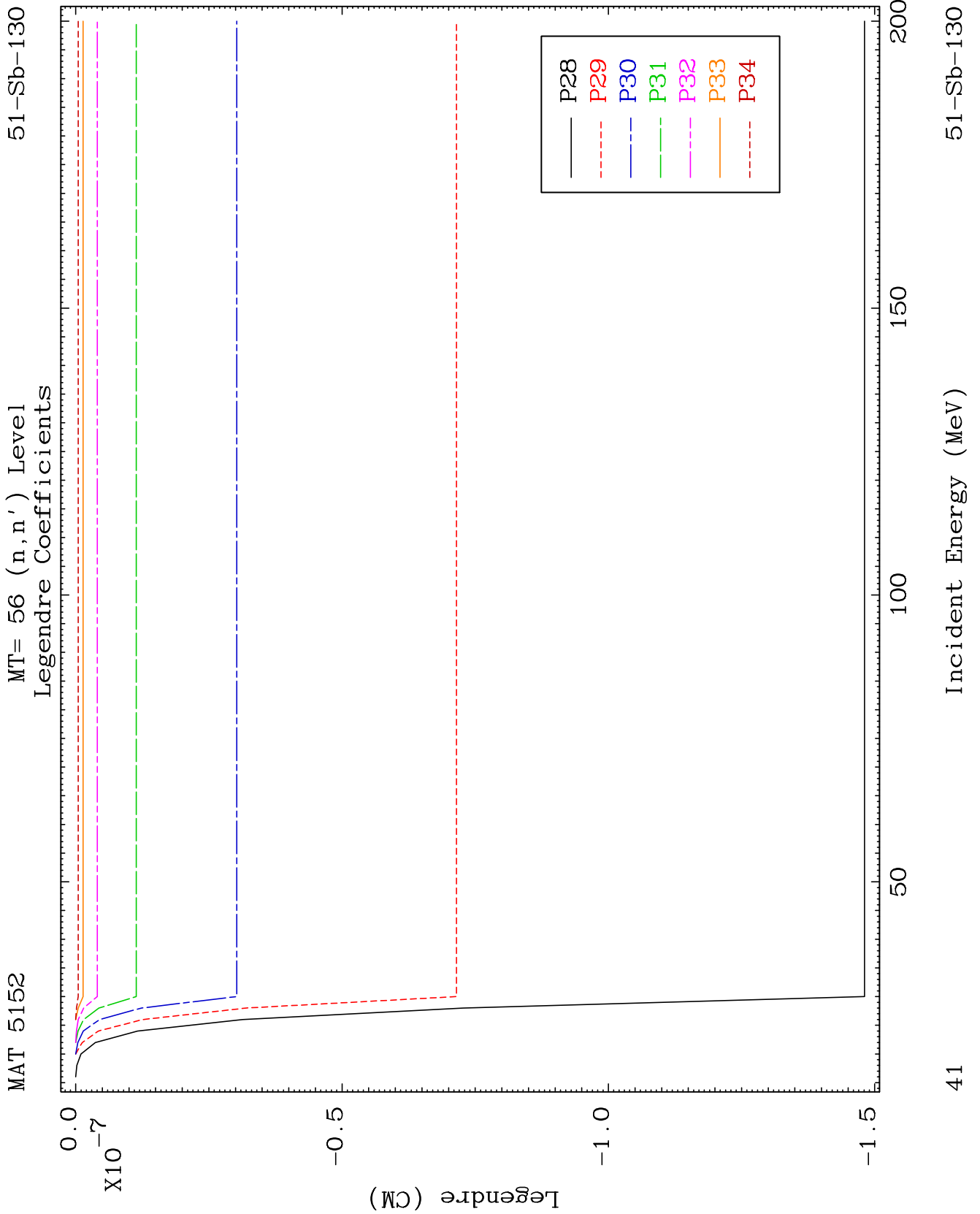
51-Sb-130



39

Incident Energy (MeV)

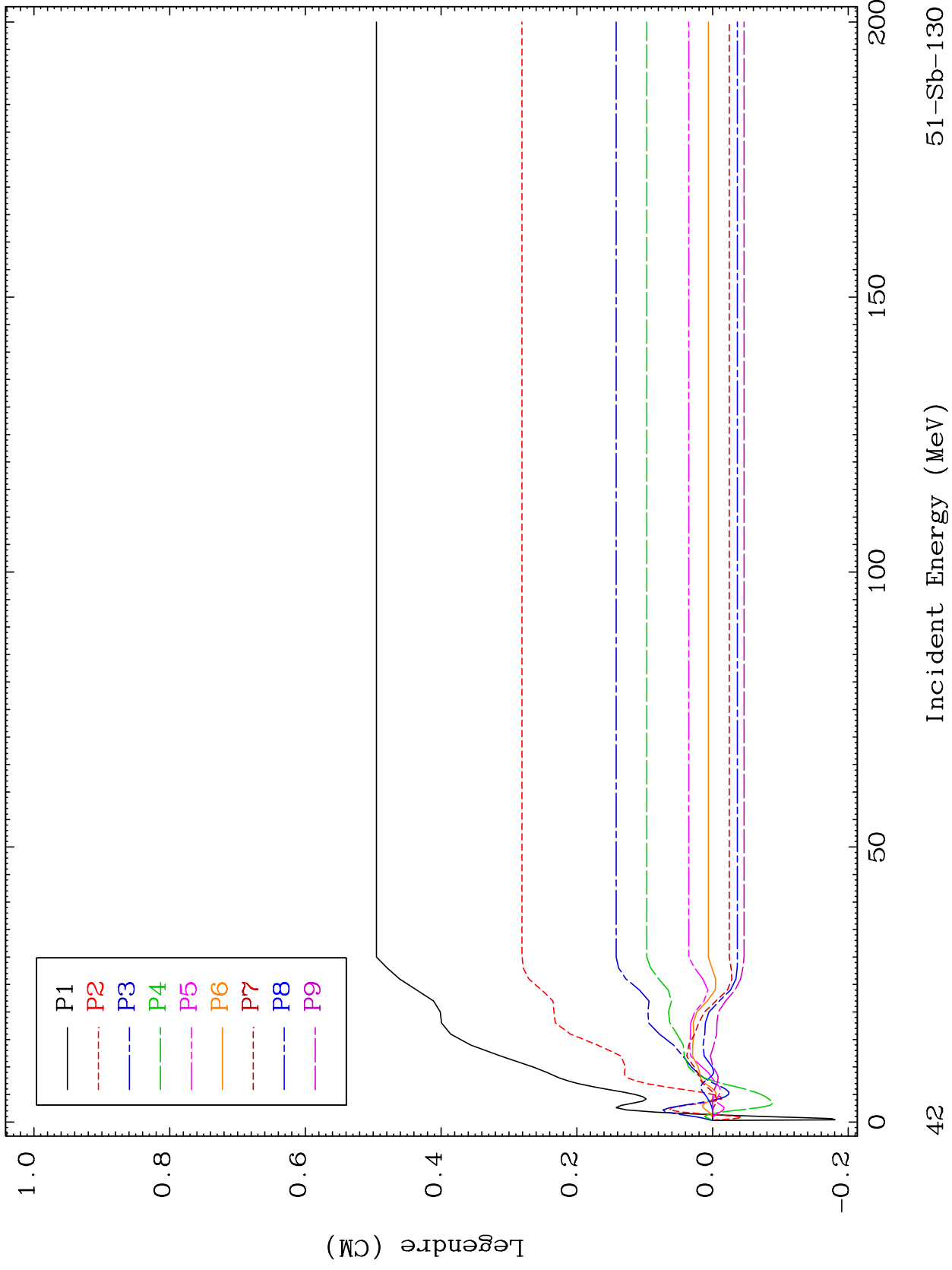
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

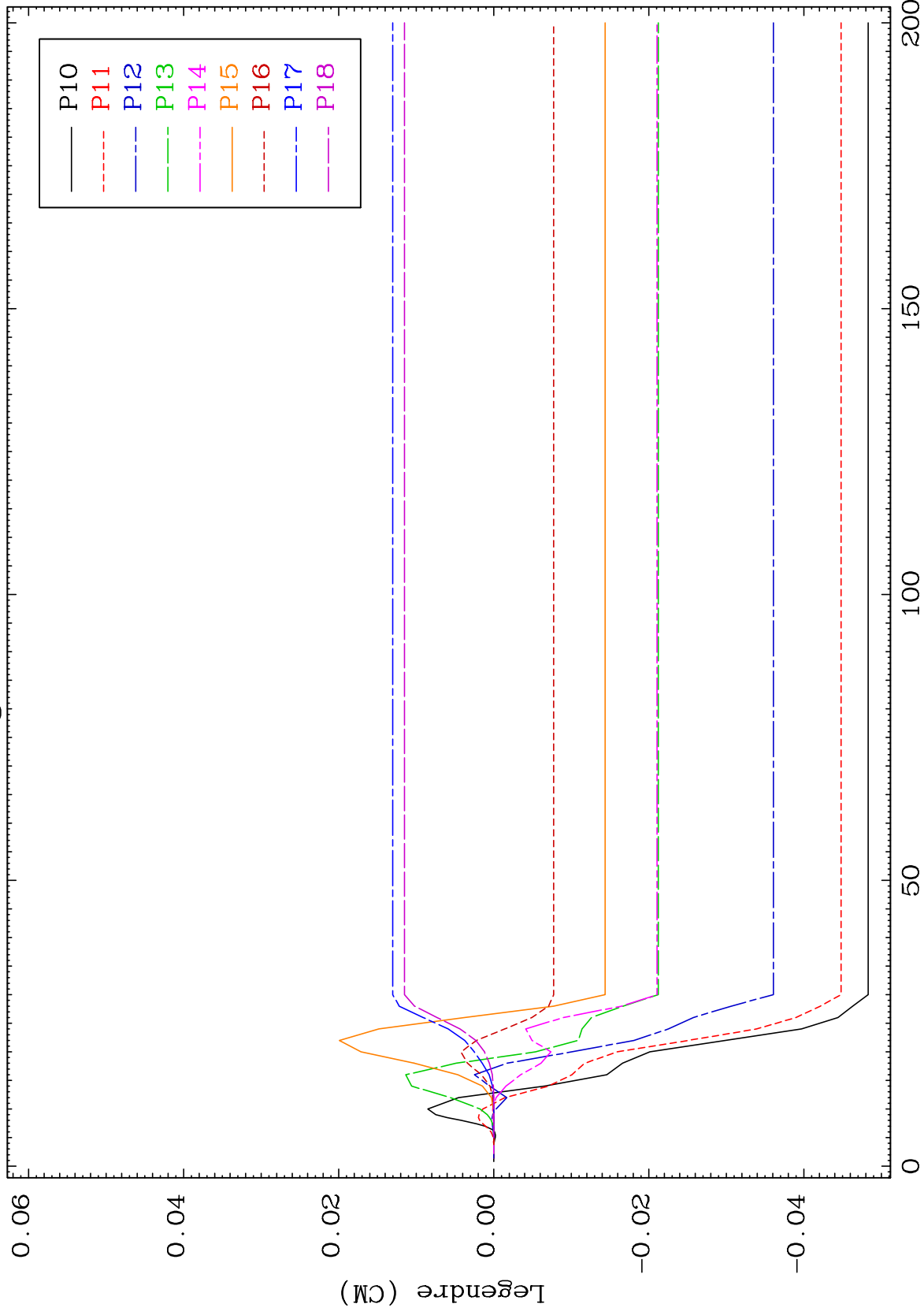
Incident Energy (MeV)

42

MAT 5152

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

51-Sb-130



43

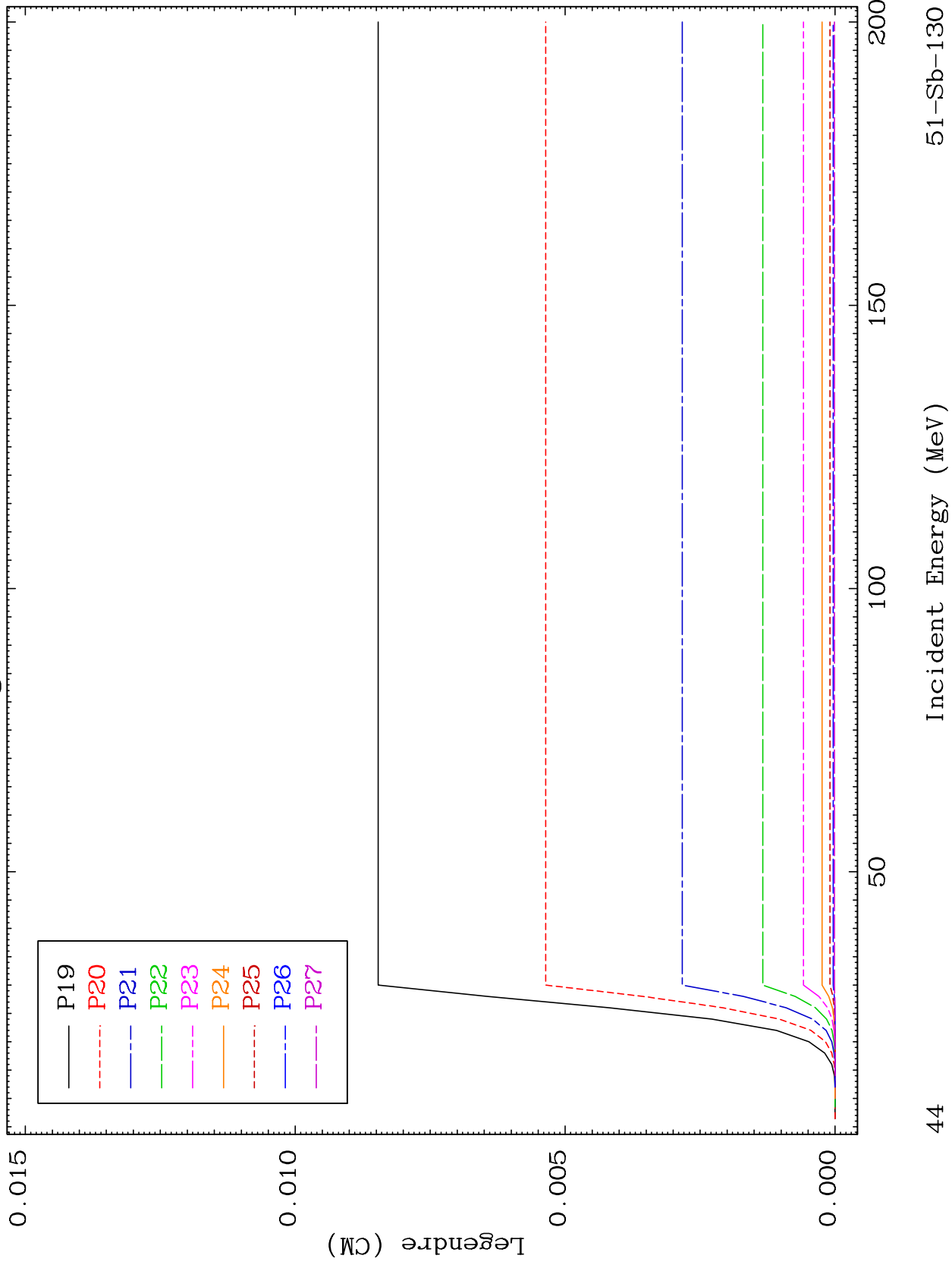
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



44

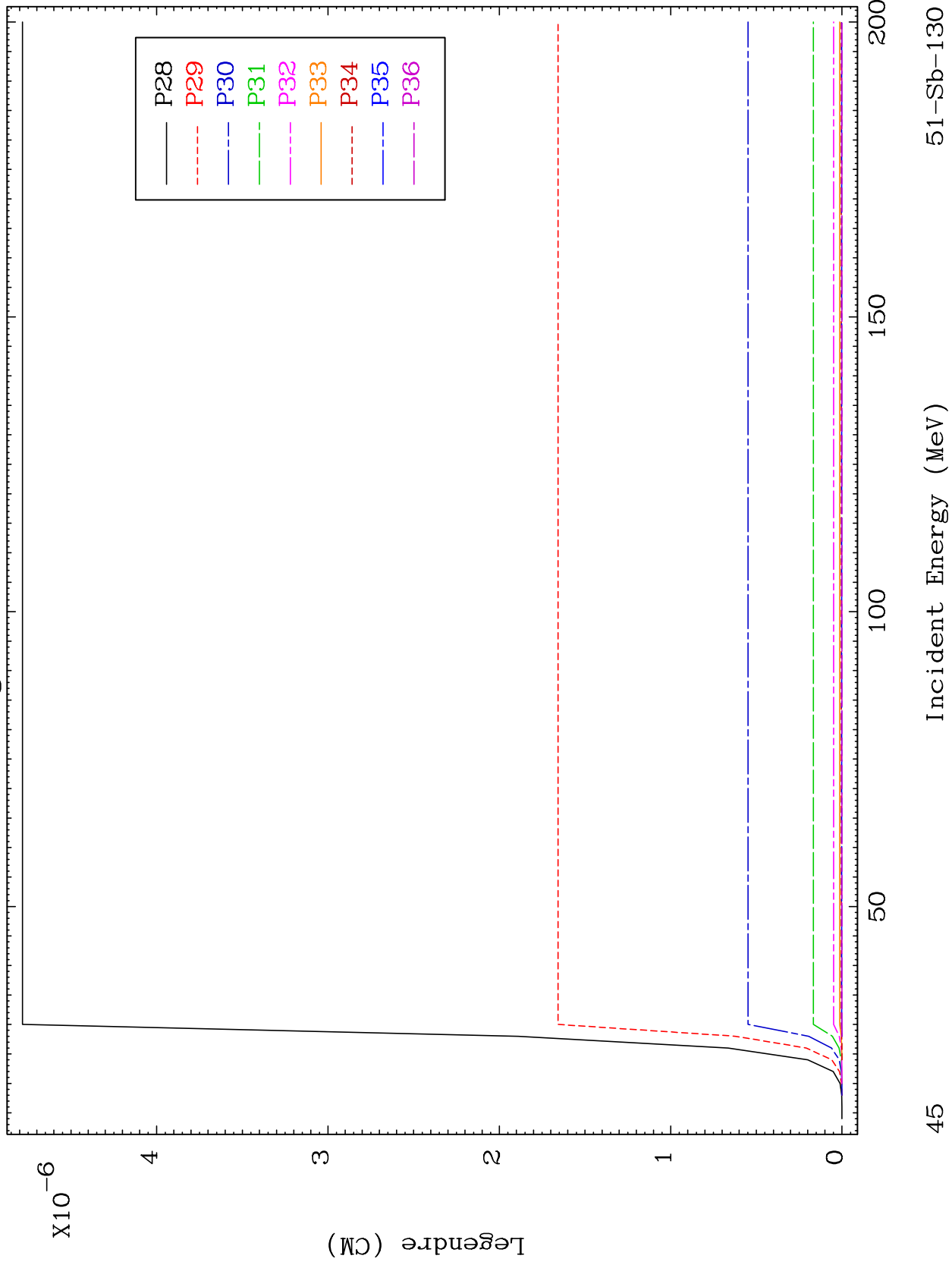
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

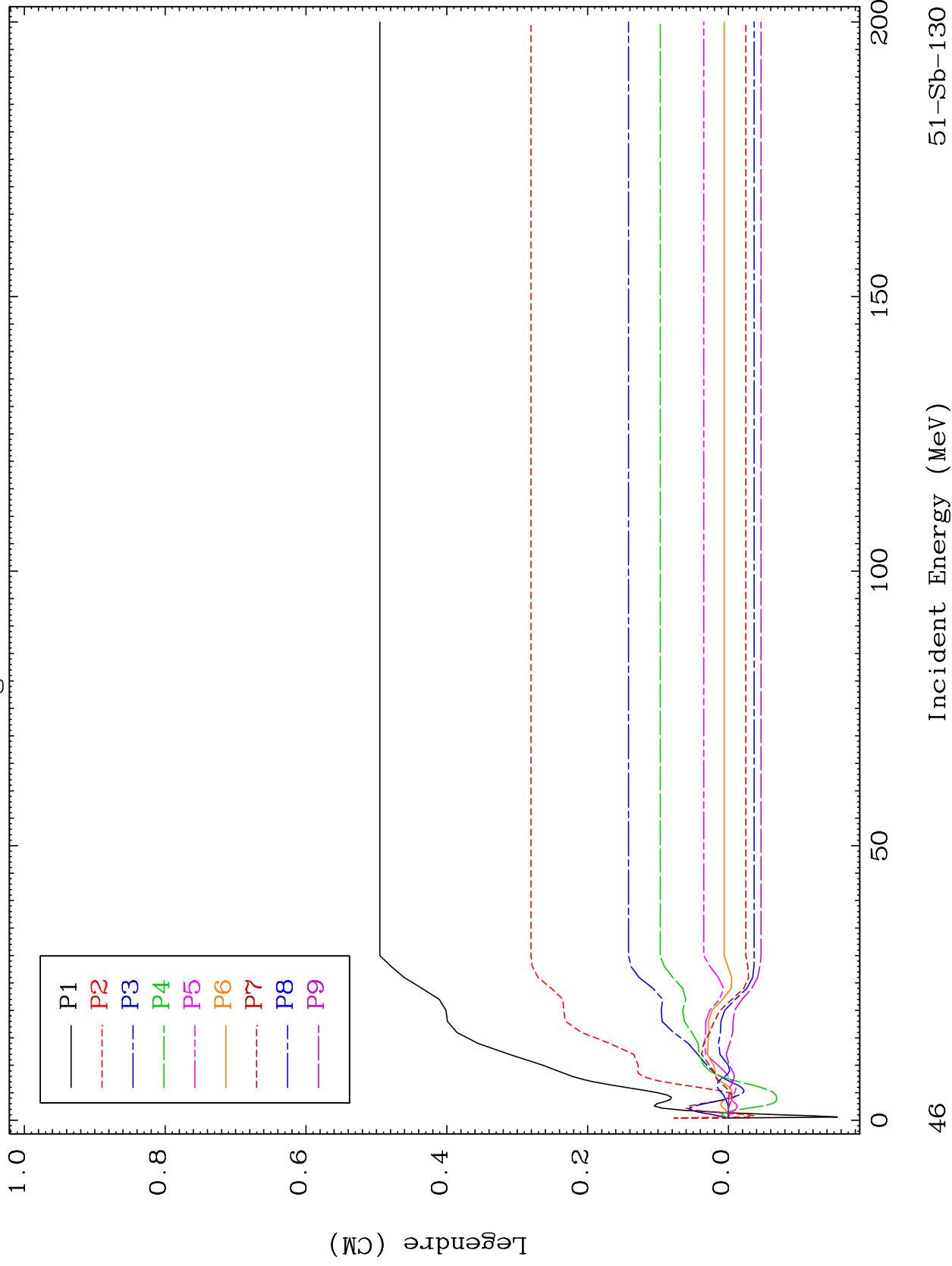
51-Sb-130



MAT 5152

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

51-Sb-130



46

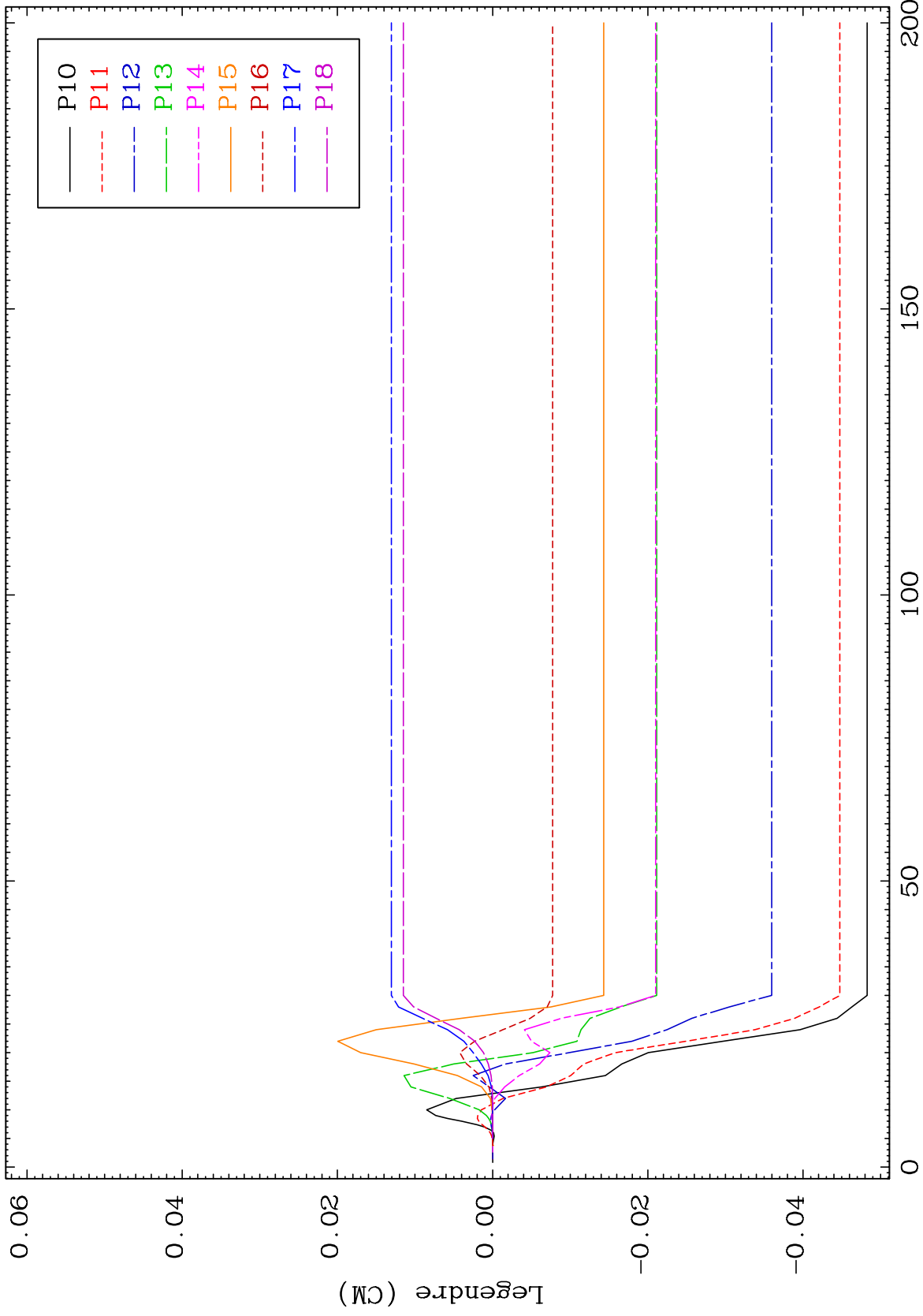
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



47

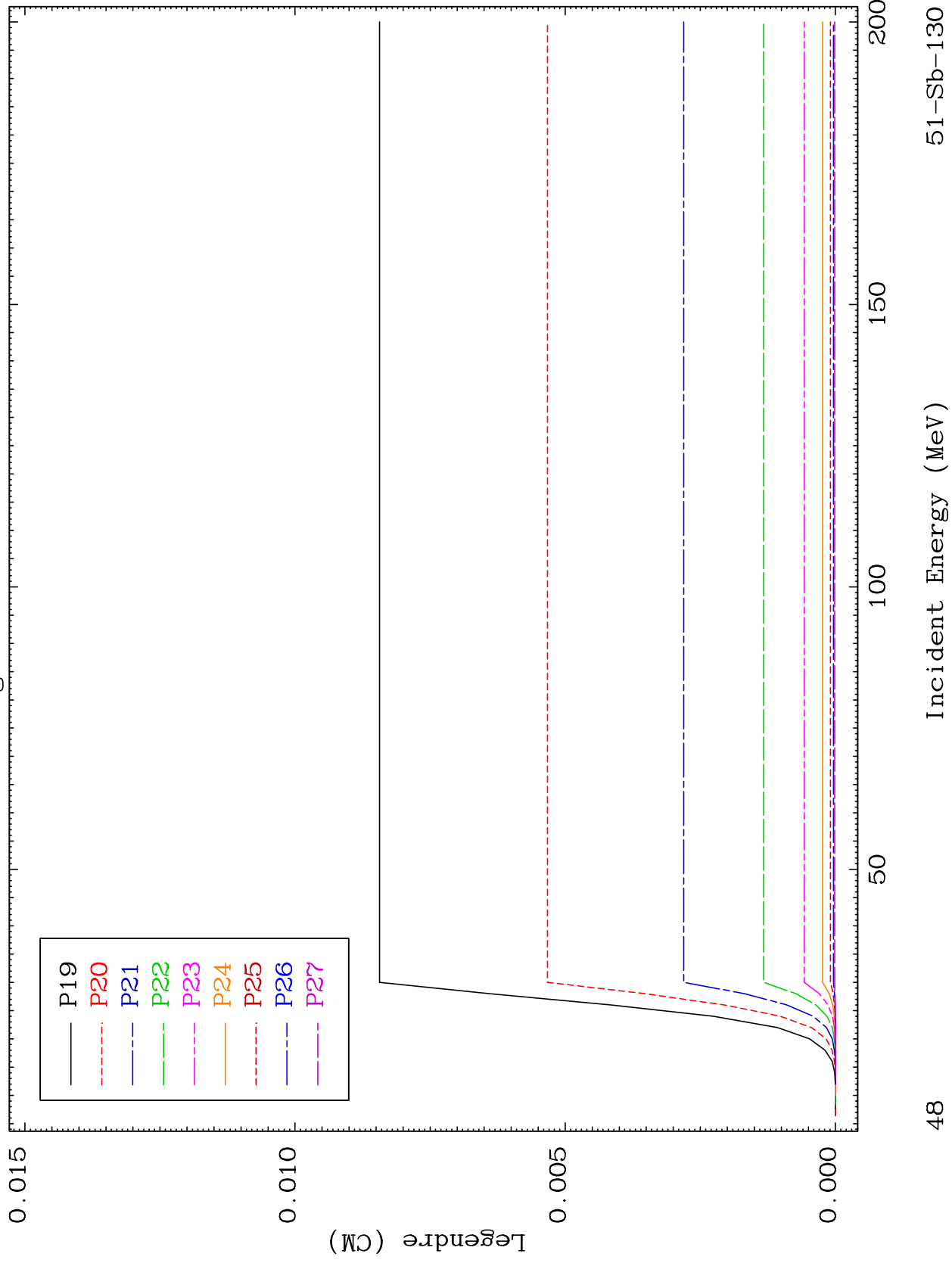
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



48

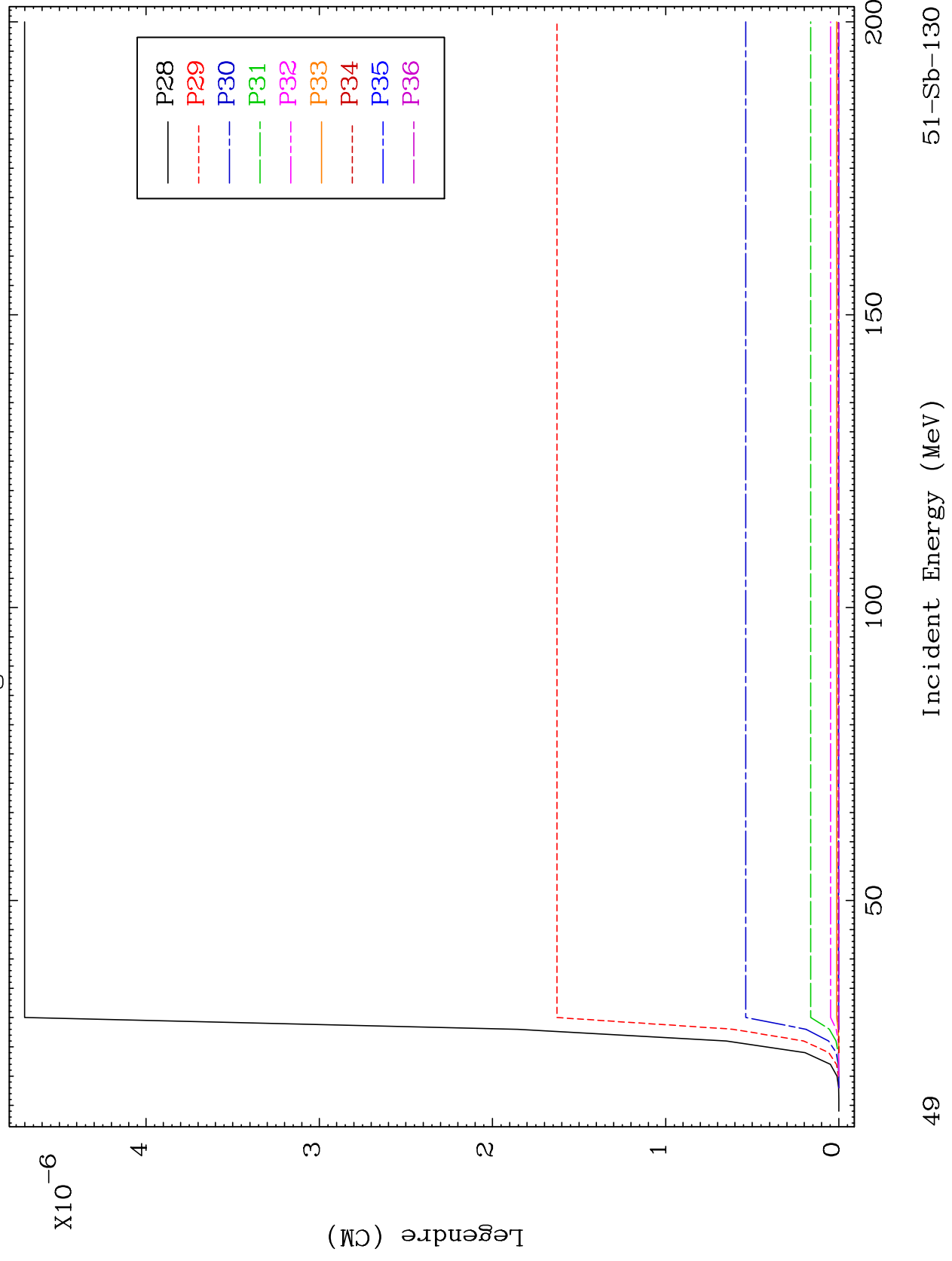
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



49

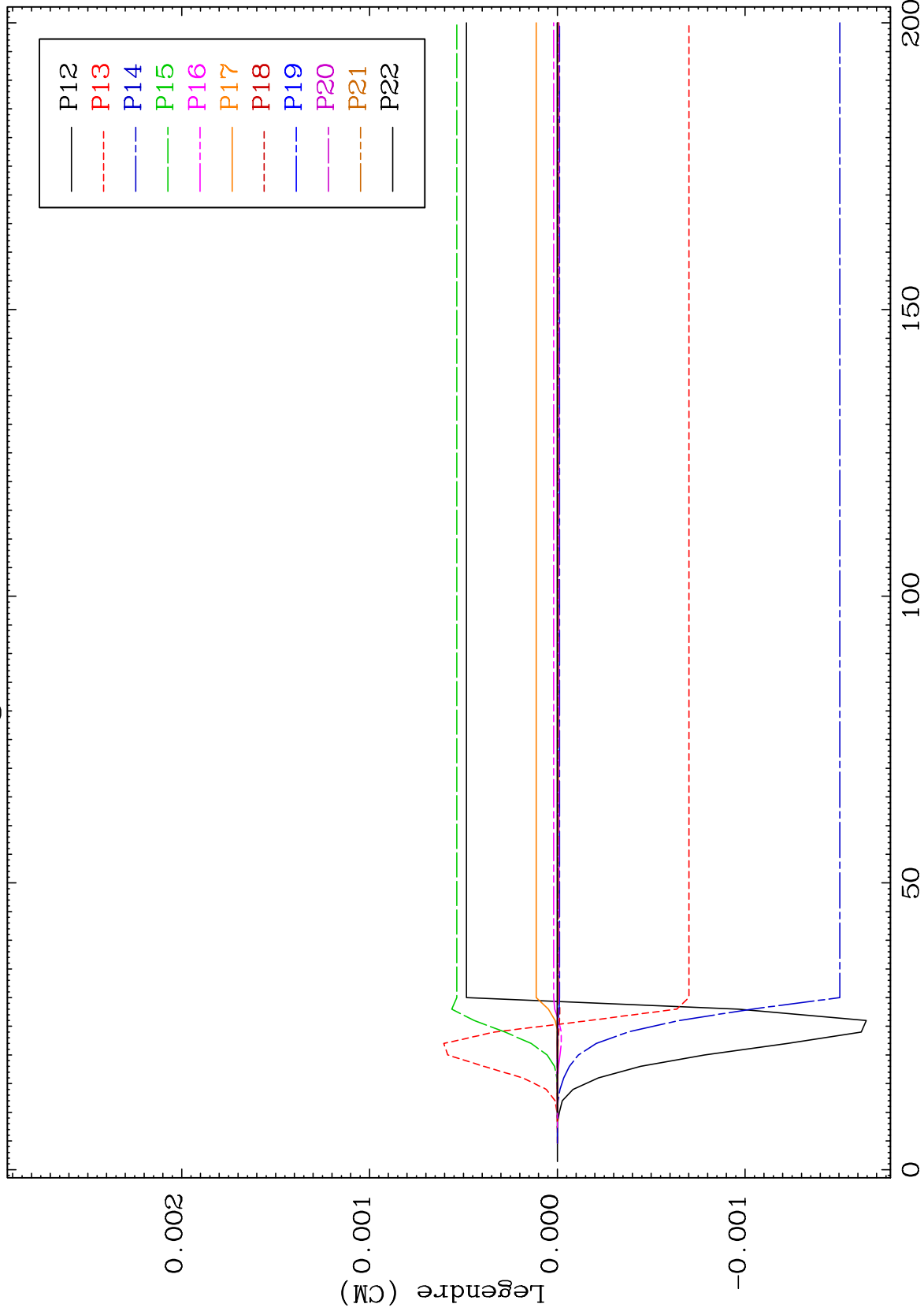
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



51

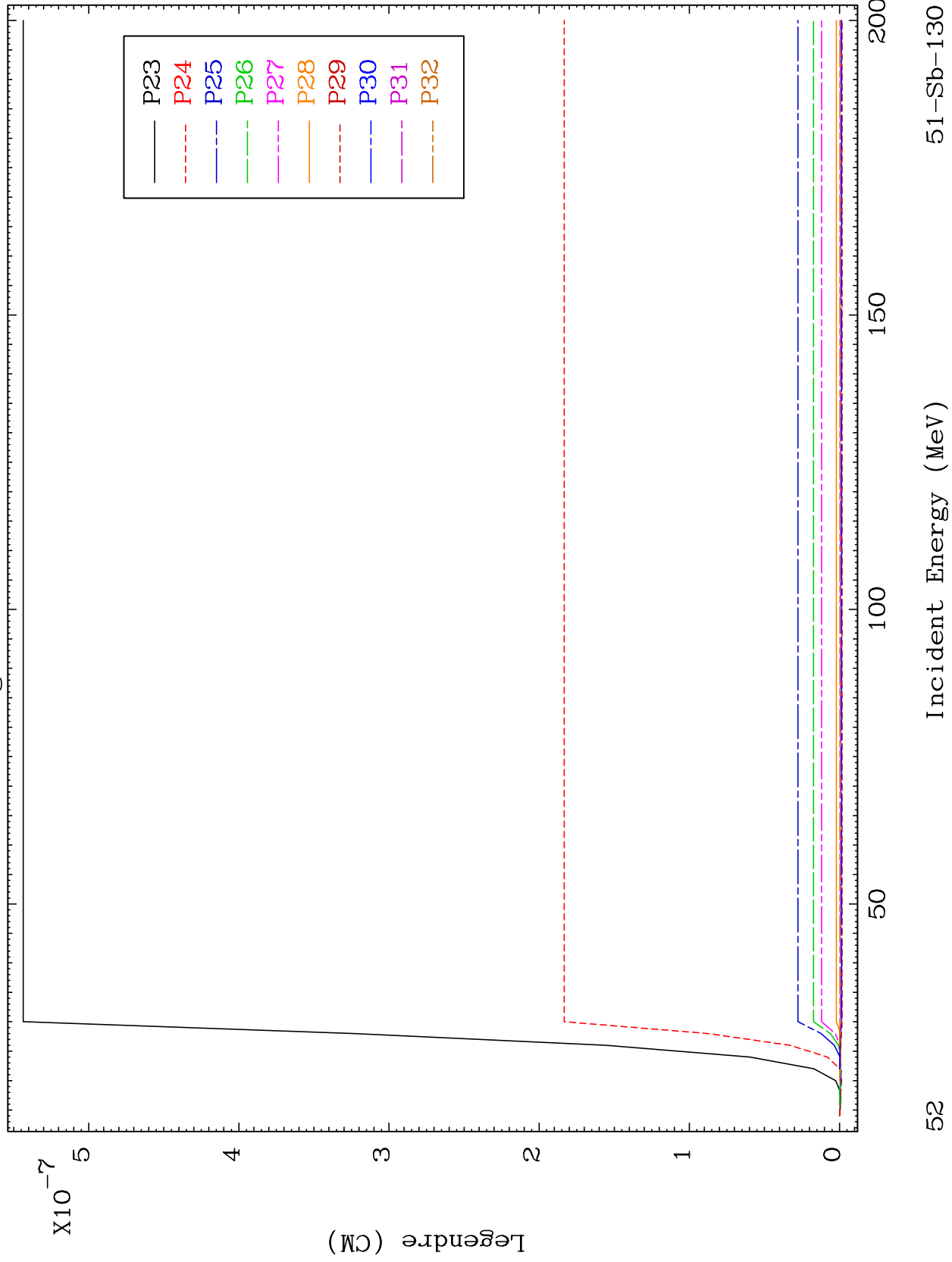
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



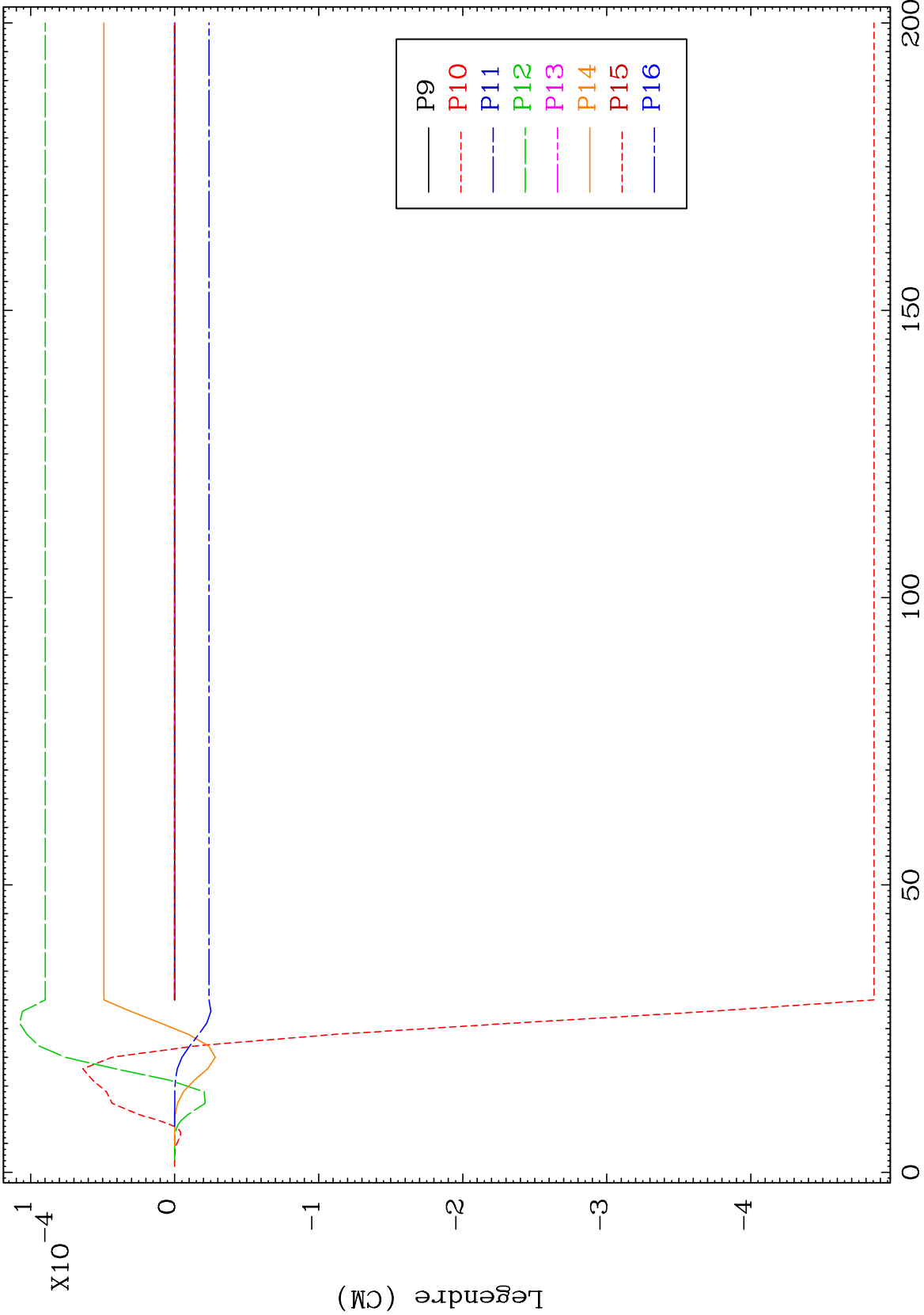
52

51-Sb-130

MAT 5152

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

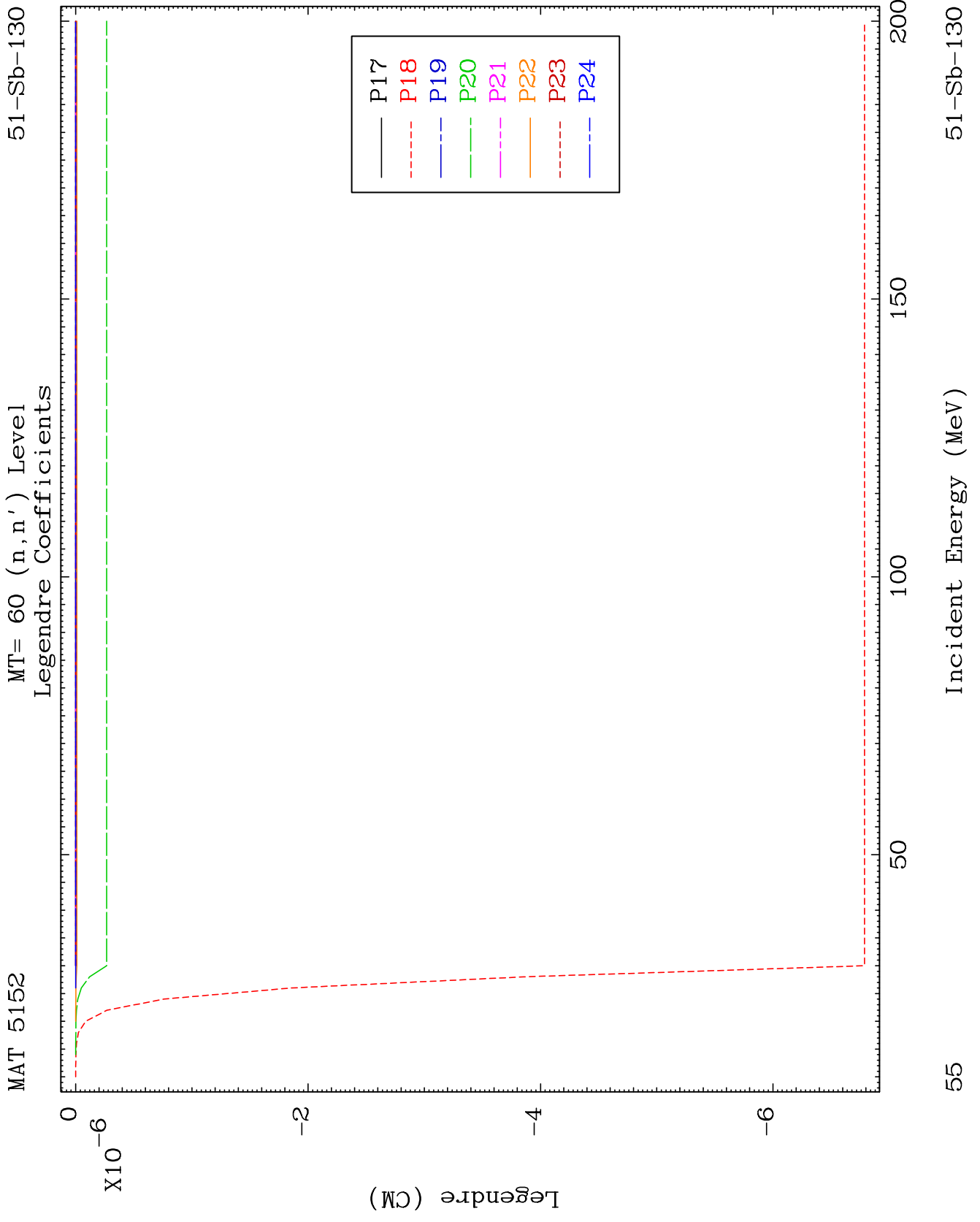
51-Sb-130



54

Incident Energy (MeV)

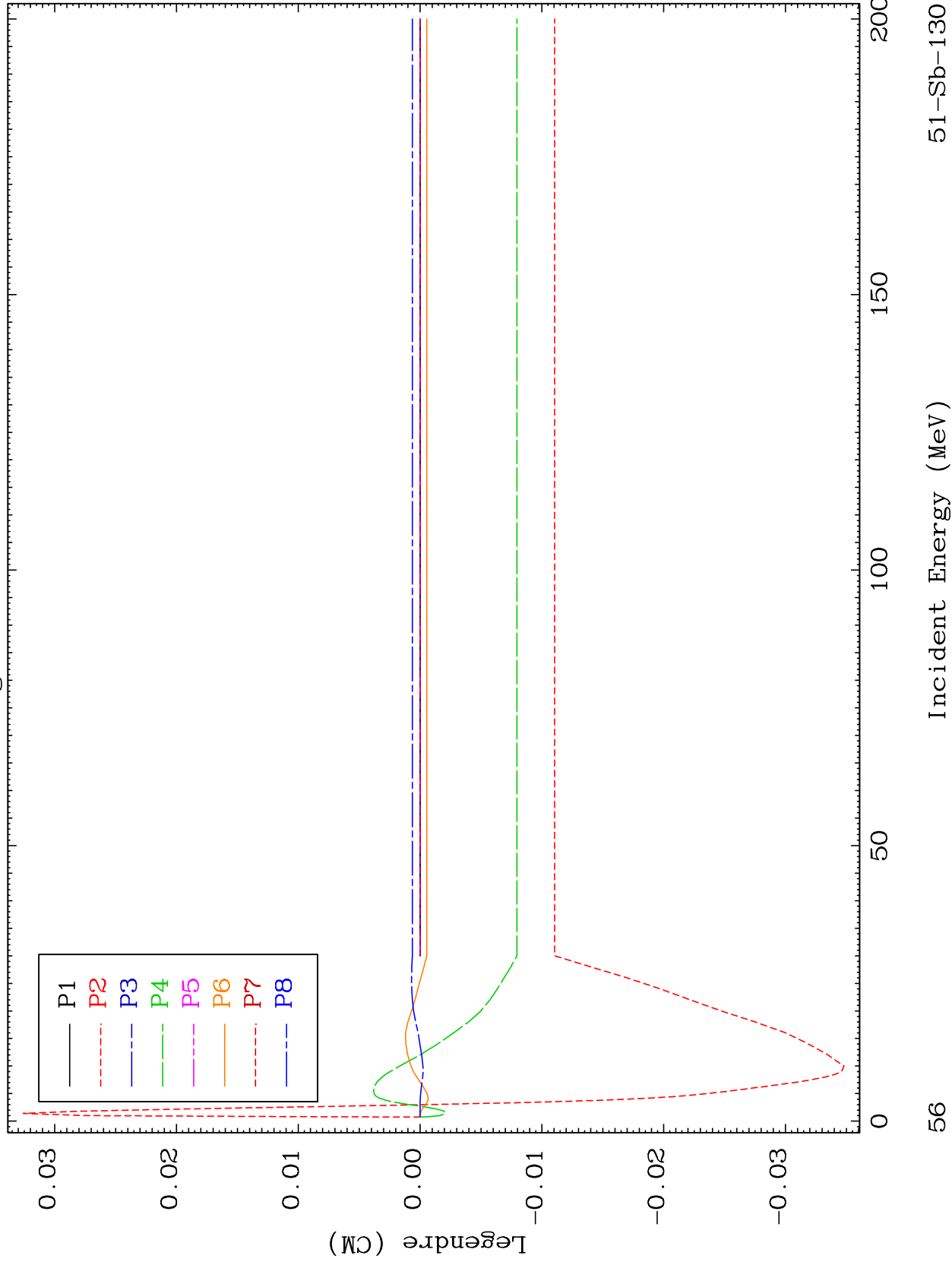
51-Sb-130



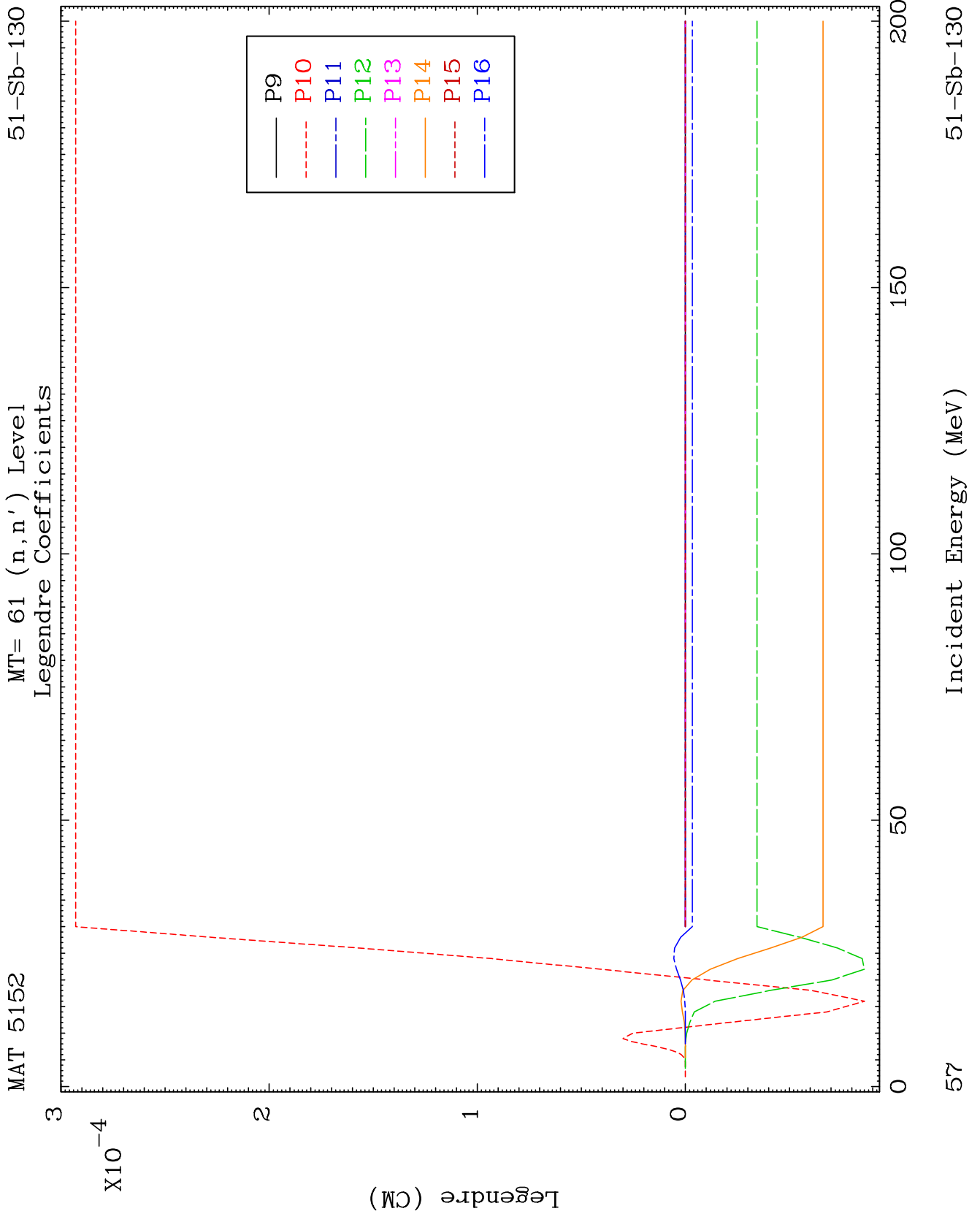
MAT 5152

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

51-Sb-130



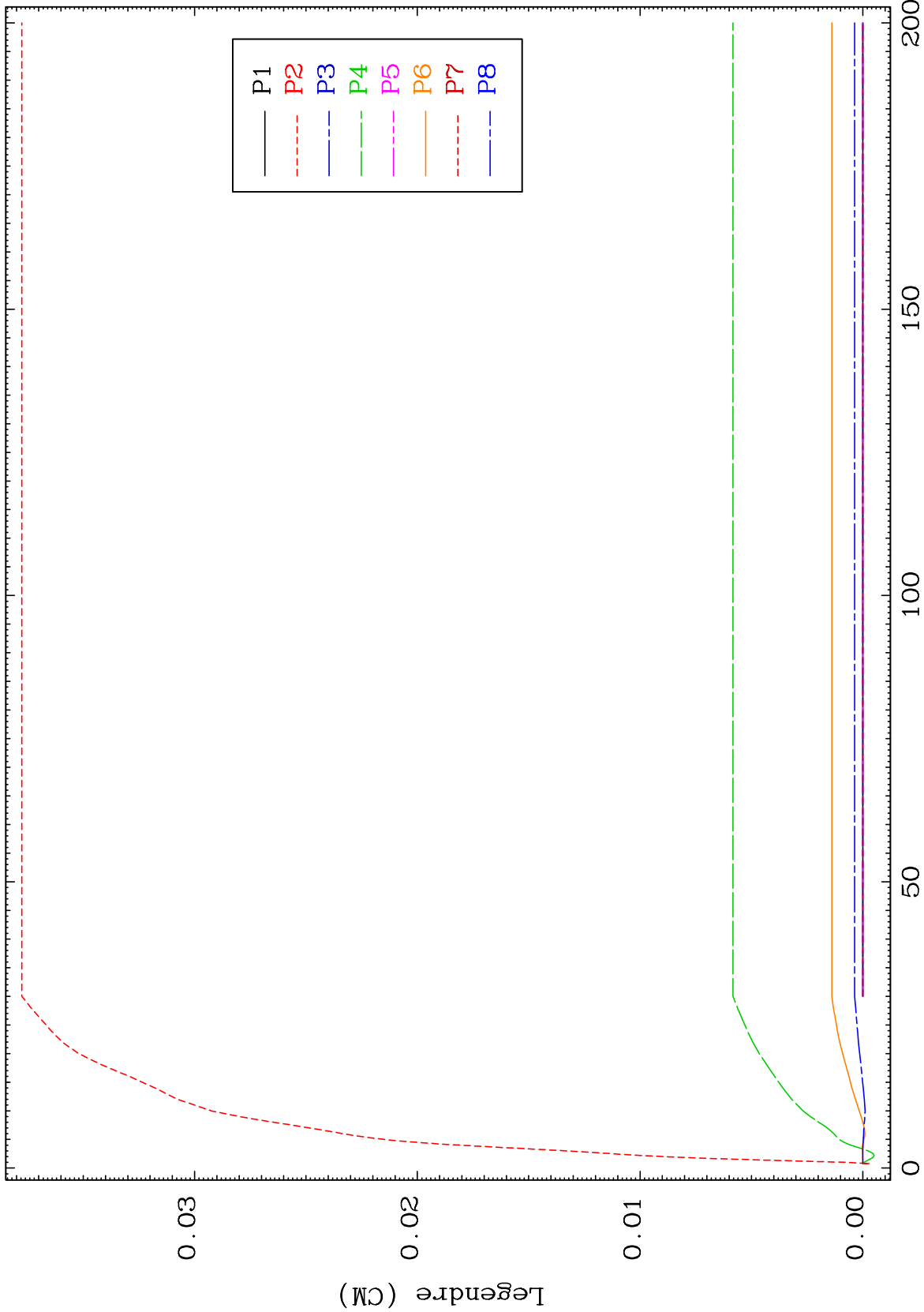
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

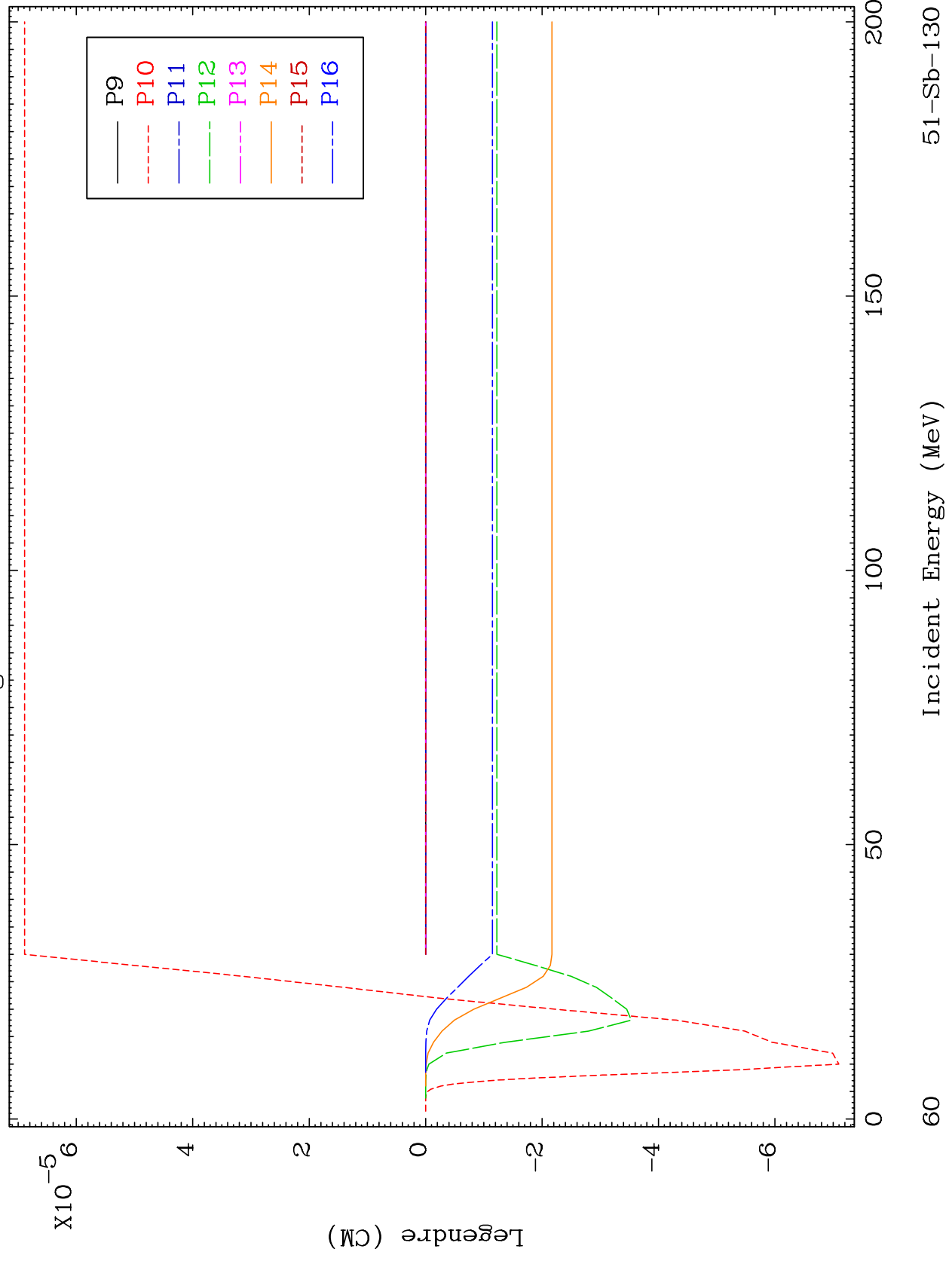
Incident Energy (MeV)

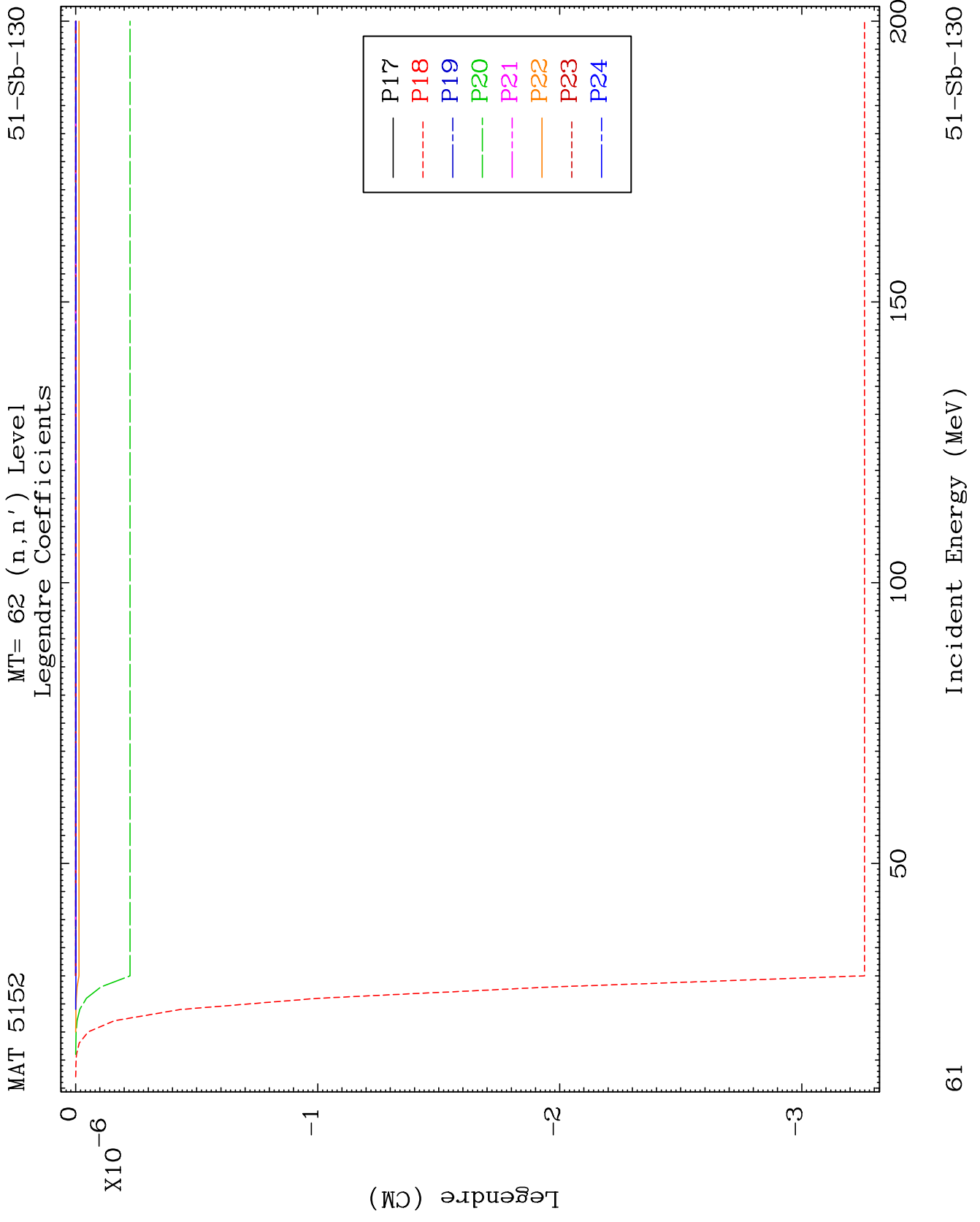
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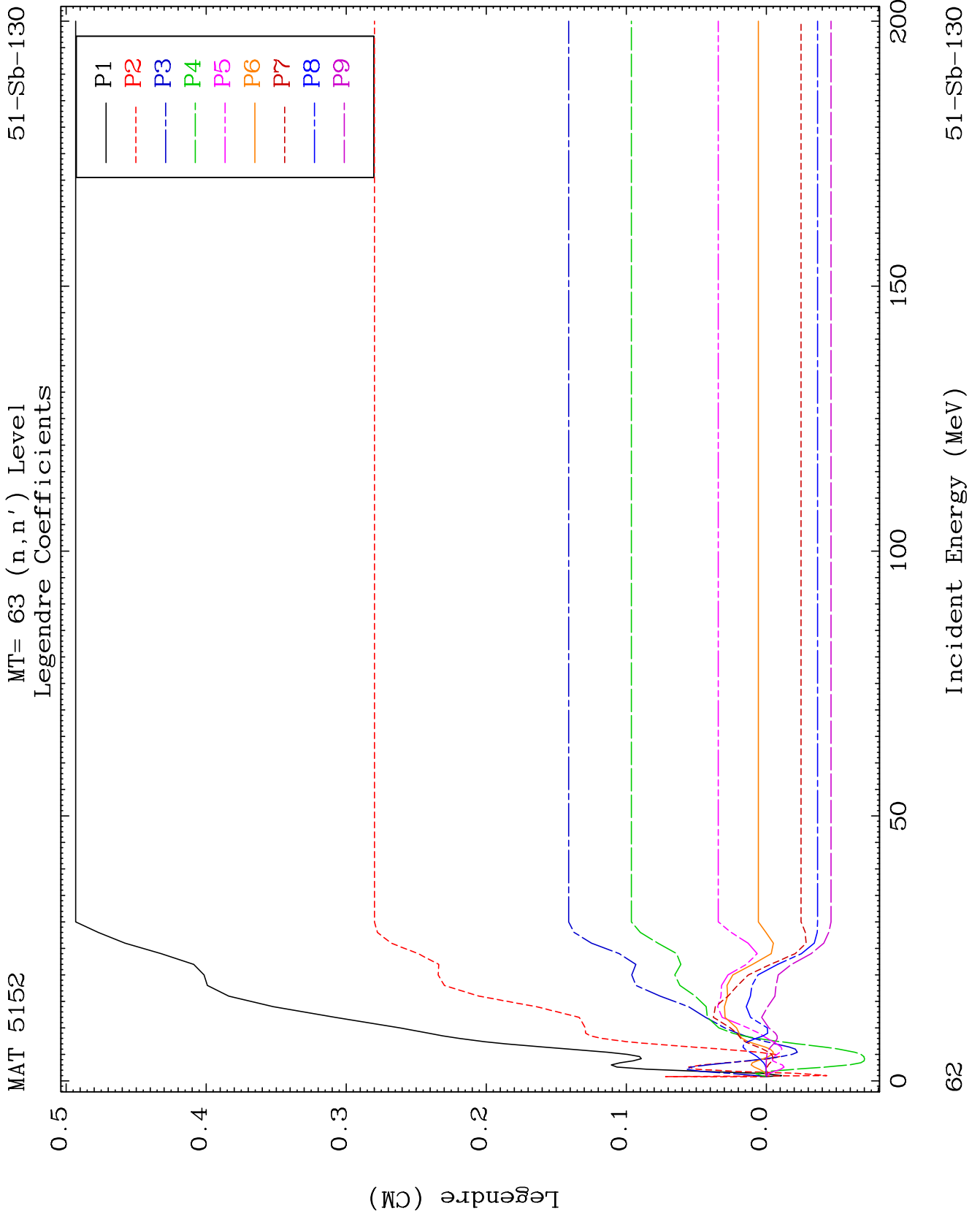
MAT 5152

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

51-Sb-130



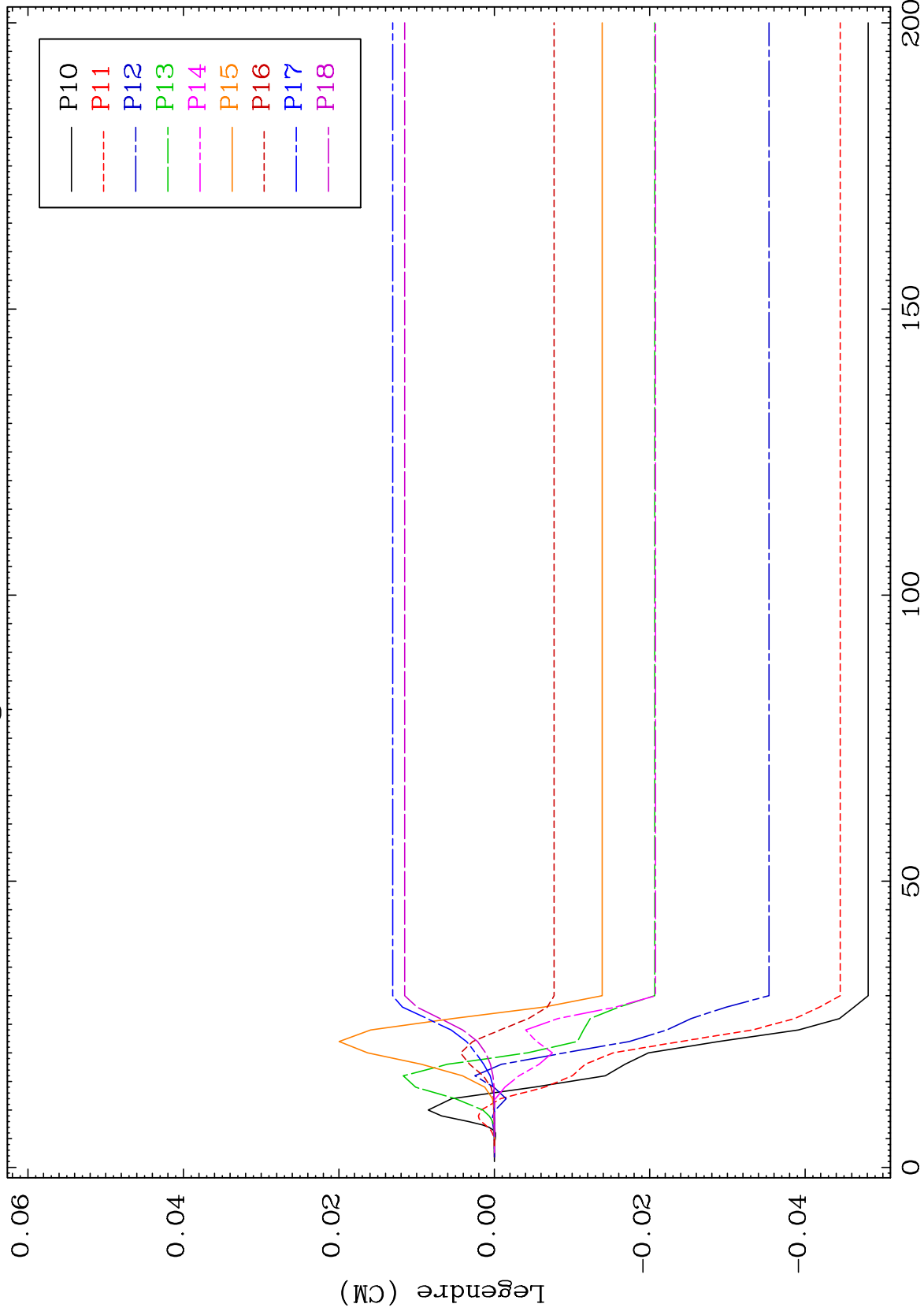




MAT 5152

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

51-Sb-130



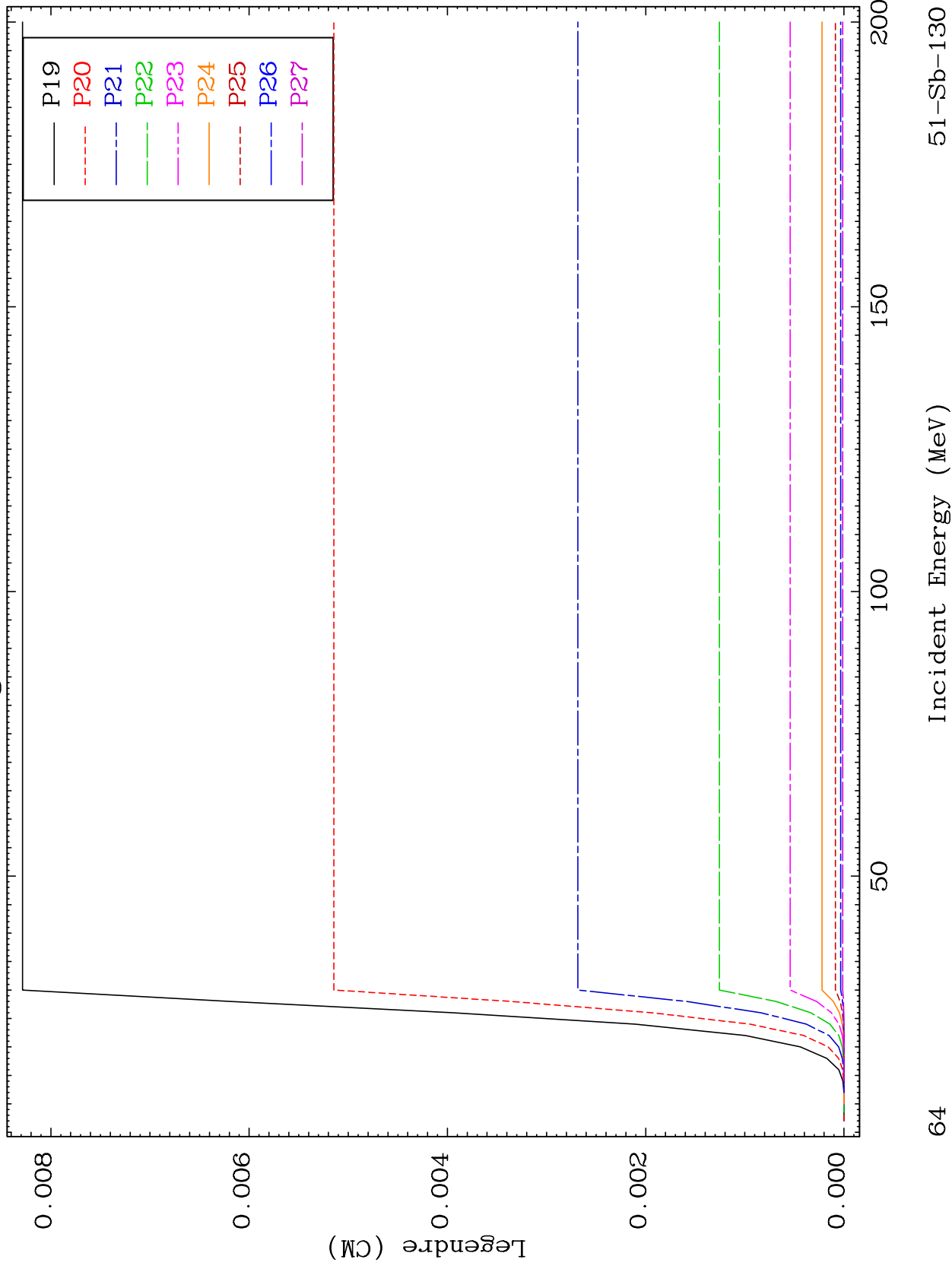
63

51-Sb-130

MAT 5152

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

51-Sb-130



64

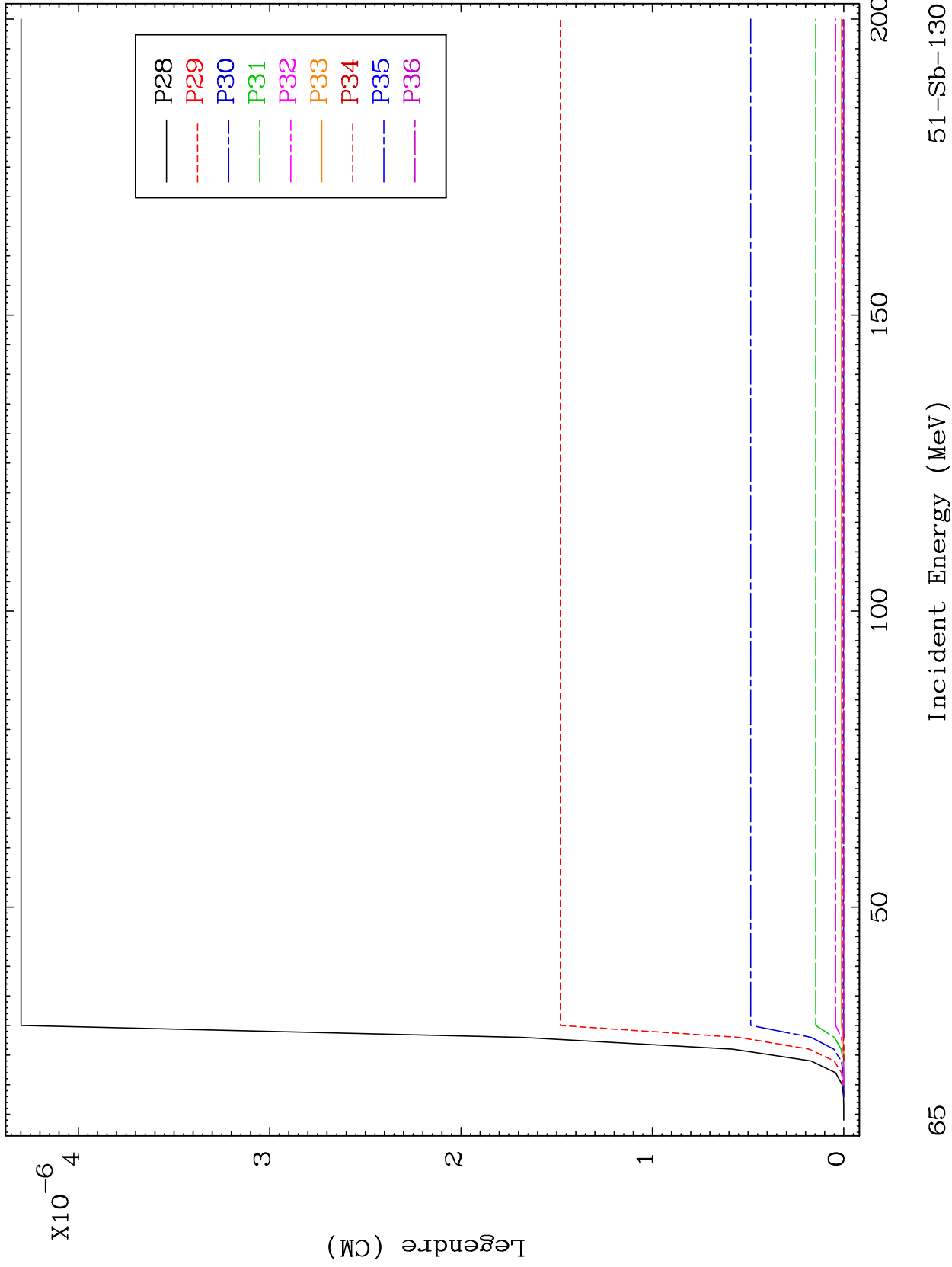
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

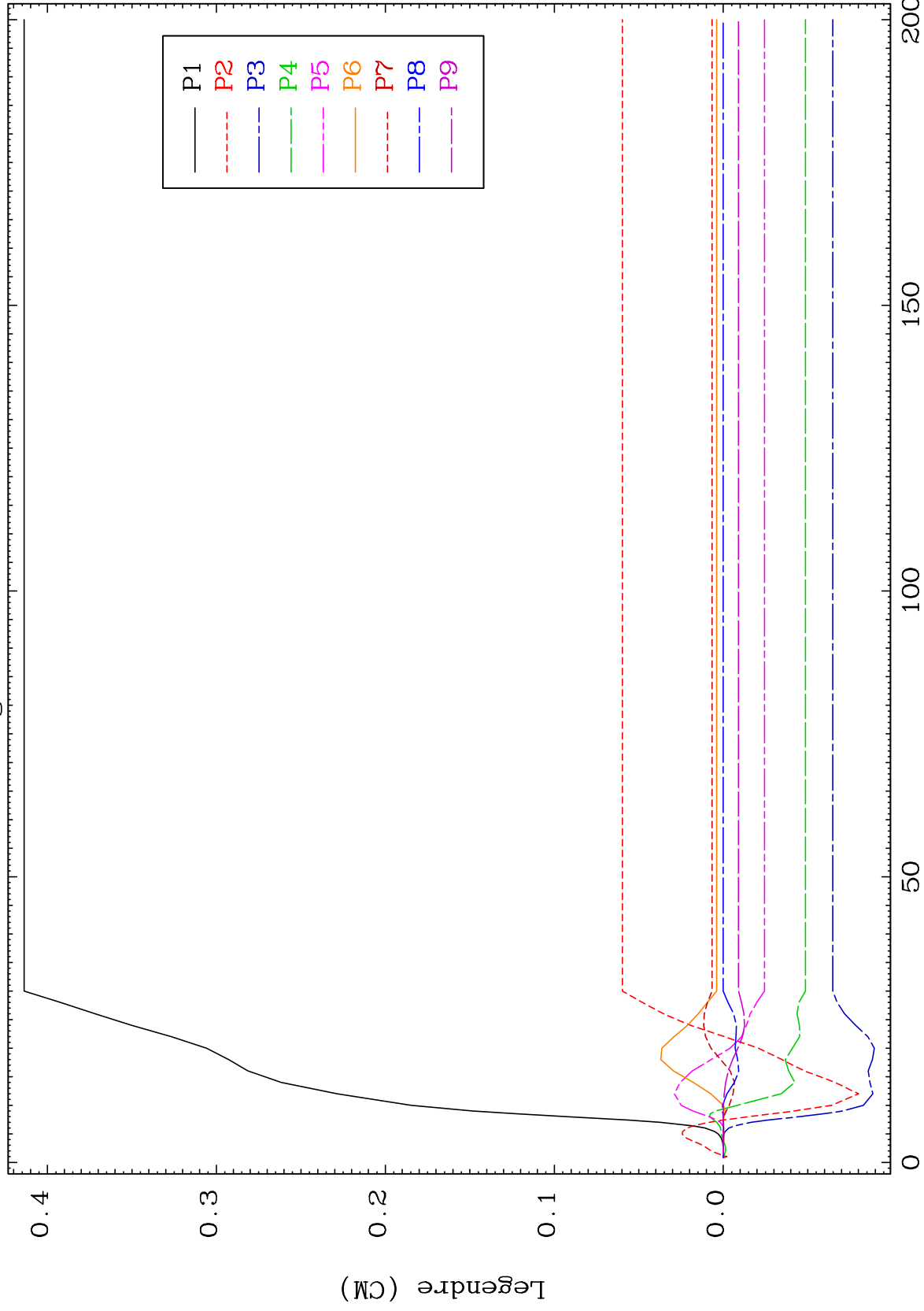
51-Sb-130



MAT 5152

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

51-Sb-130



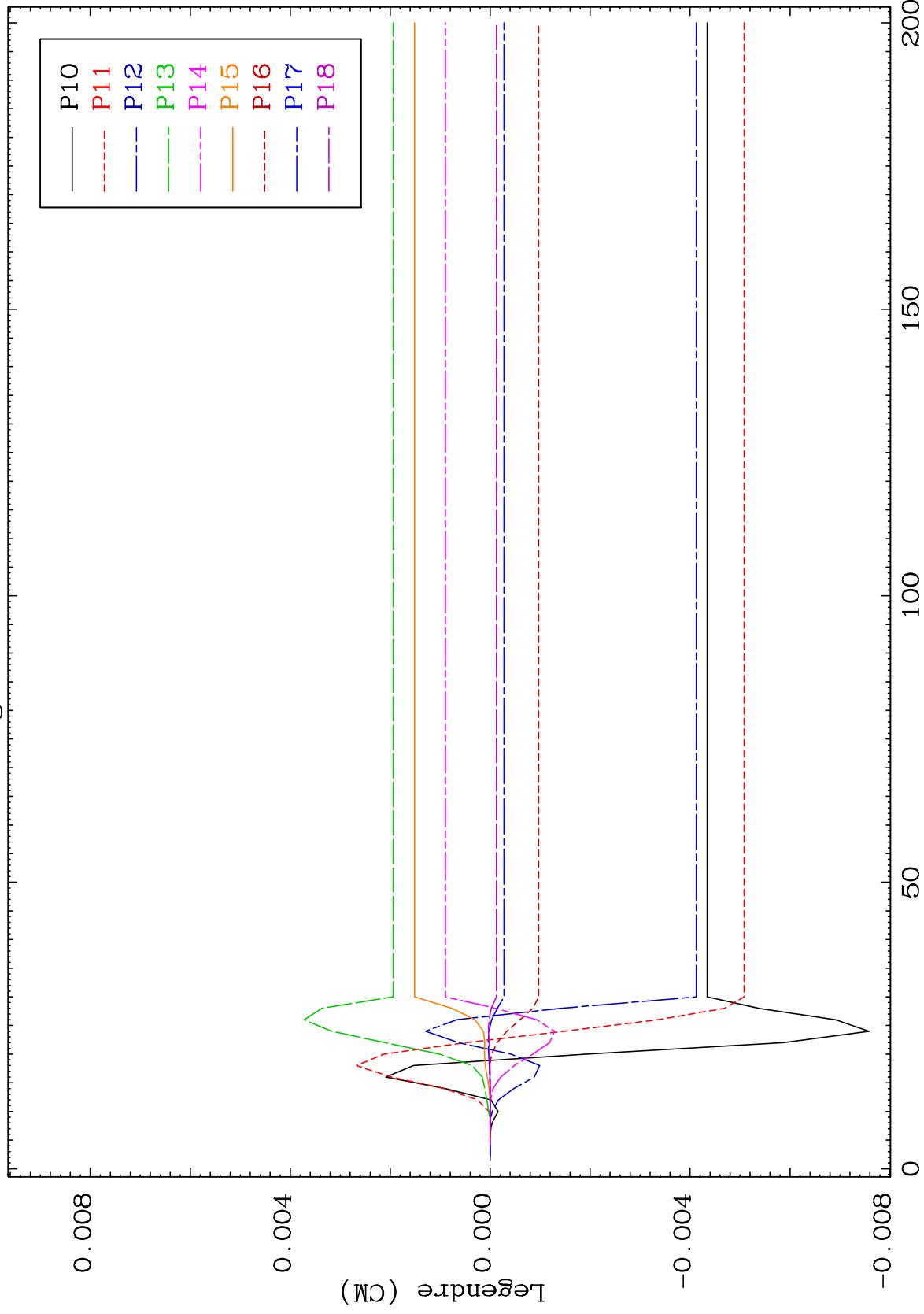
66

51-Sb-130

MAT 5152

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

51-Sb-130



67

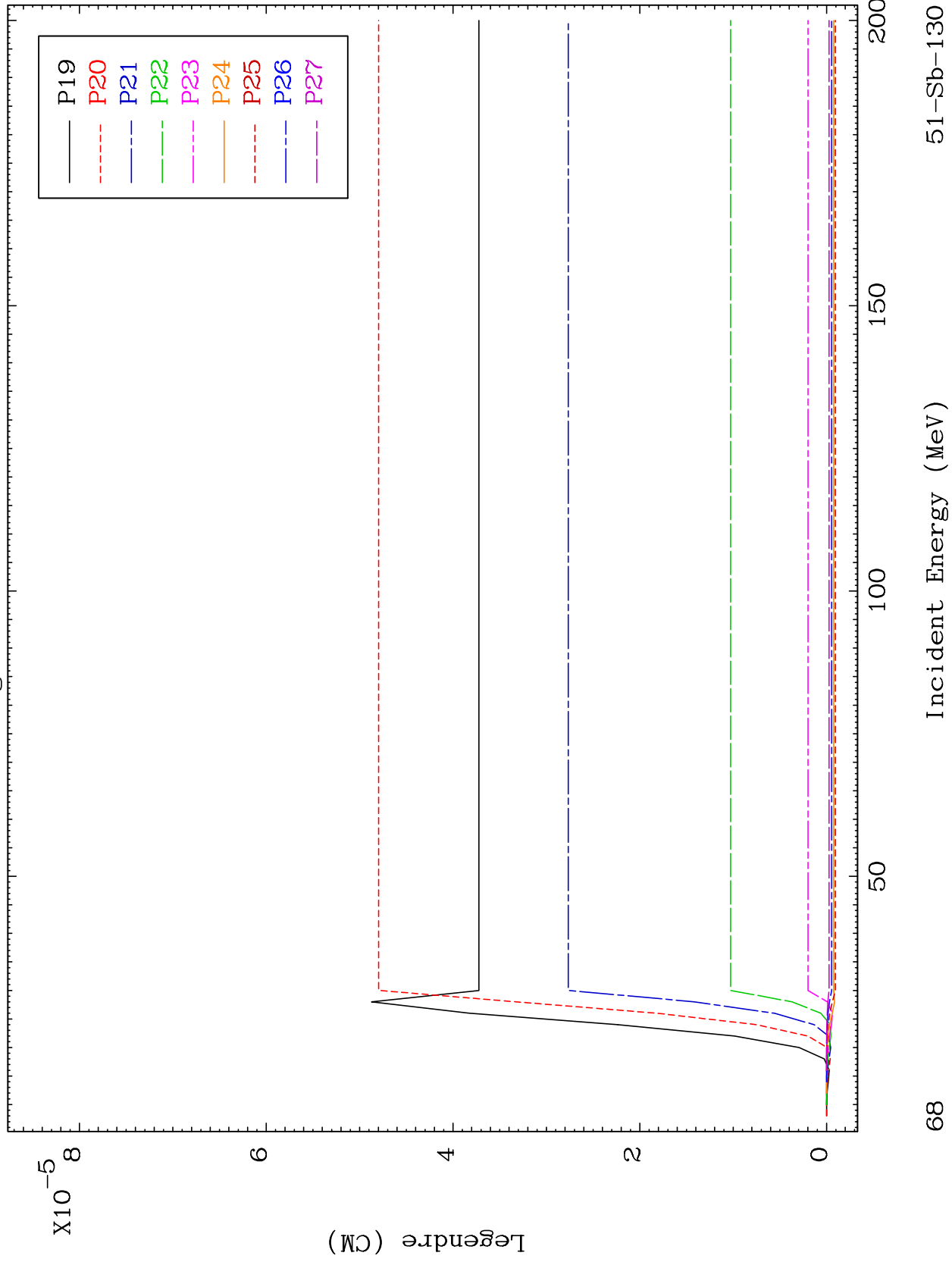
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130

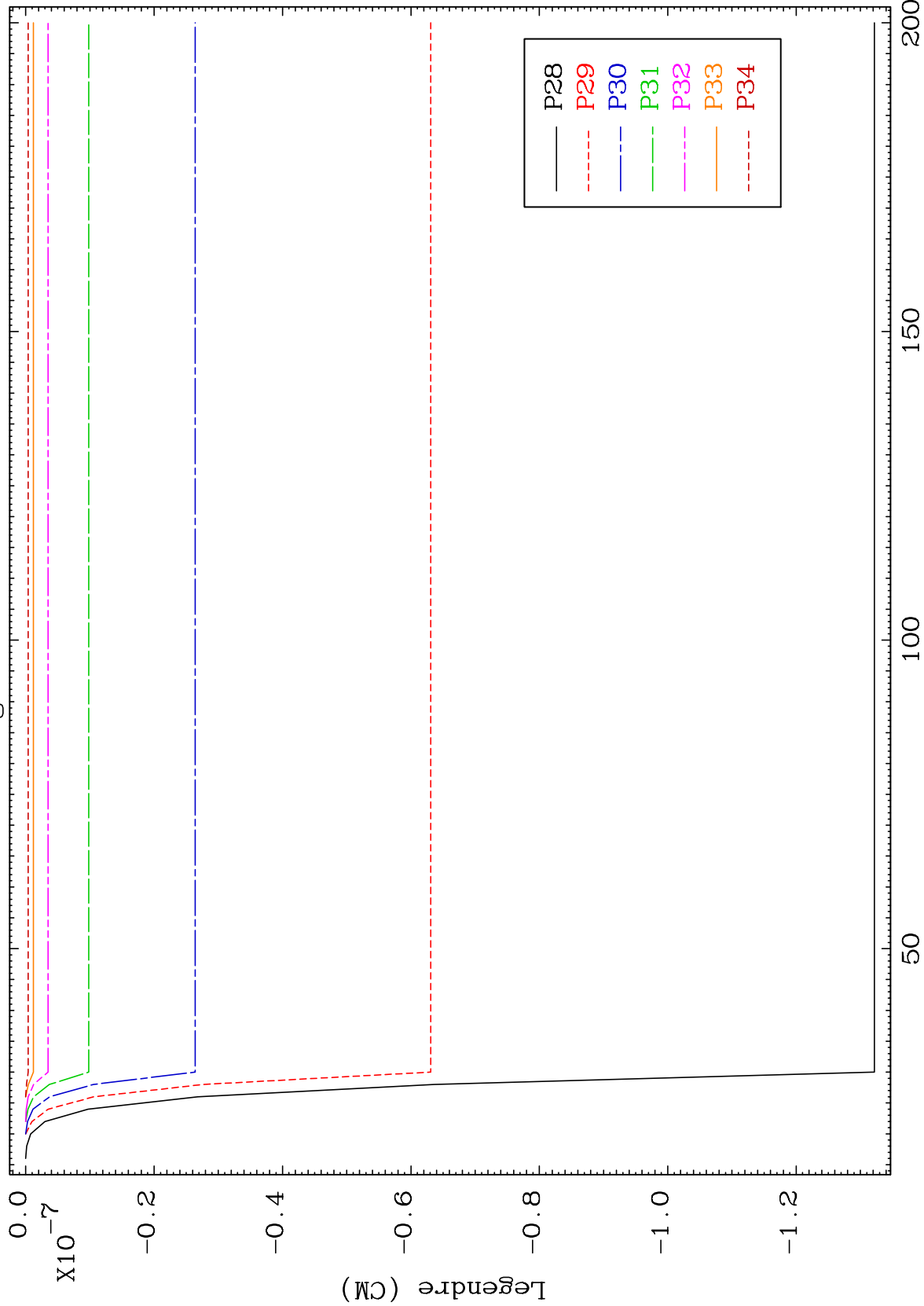


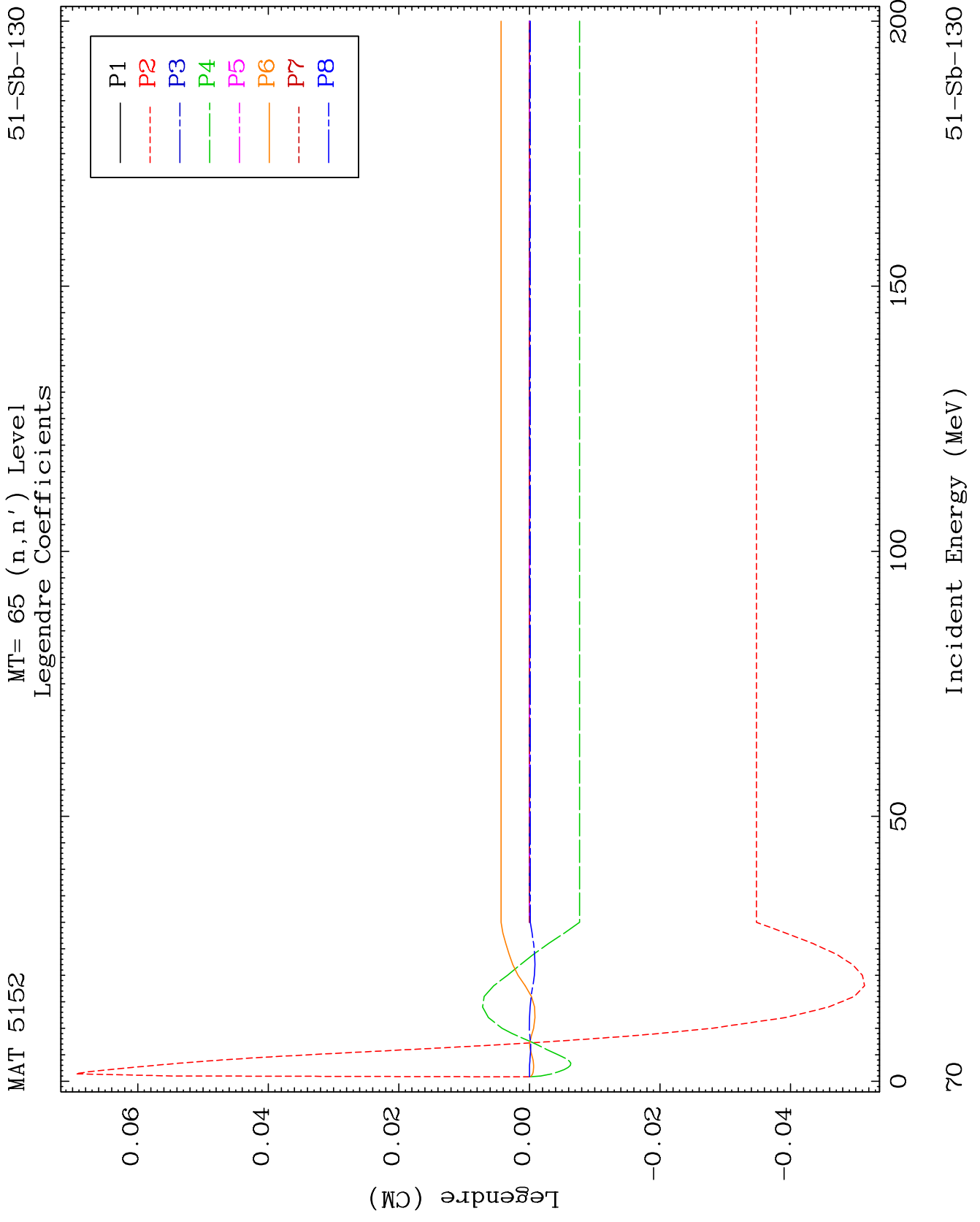
MAT 5152

MT= 64 (n,n') Level

51-Sb-130

Legendre Coefficients

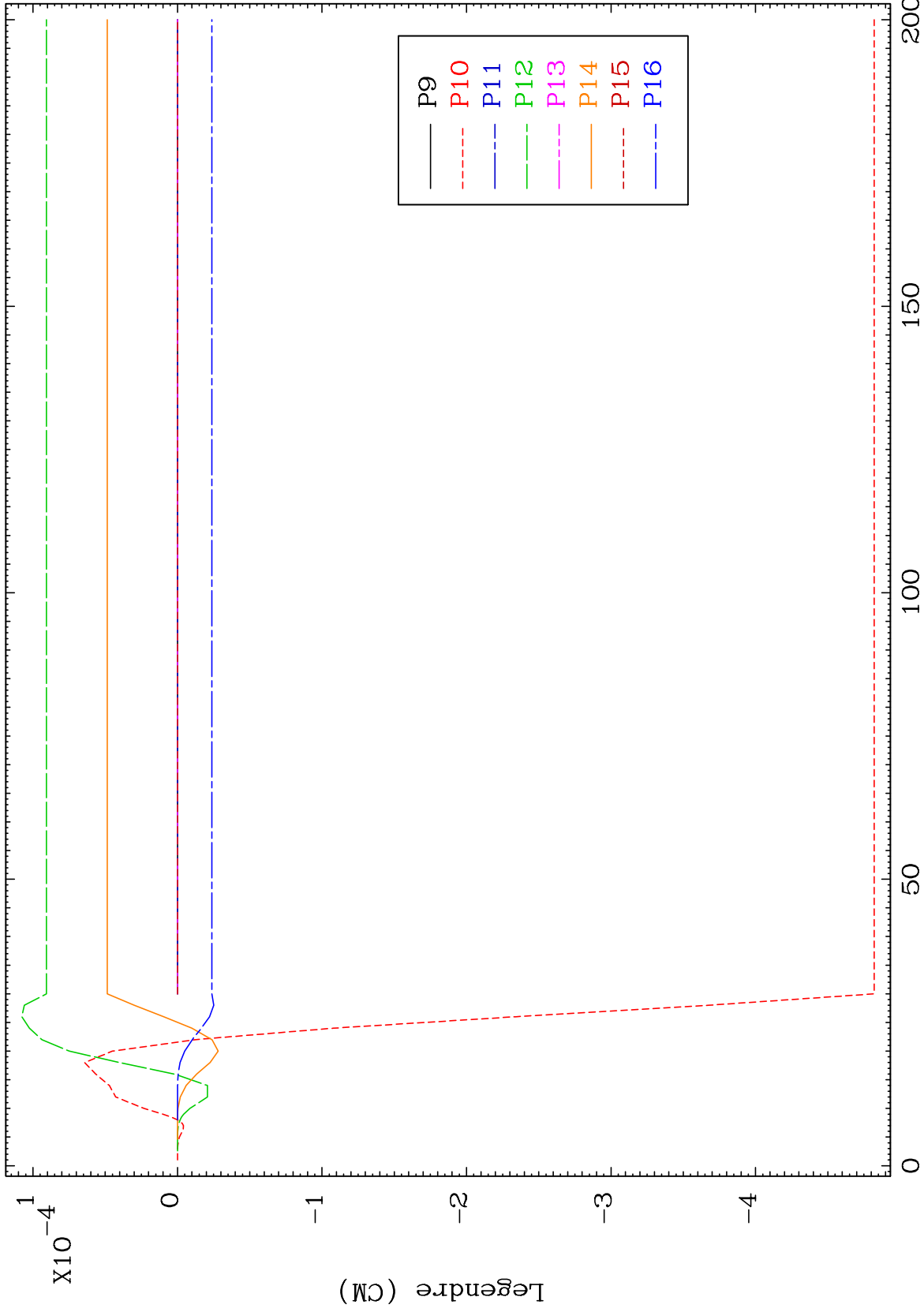




MAT 5152

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

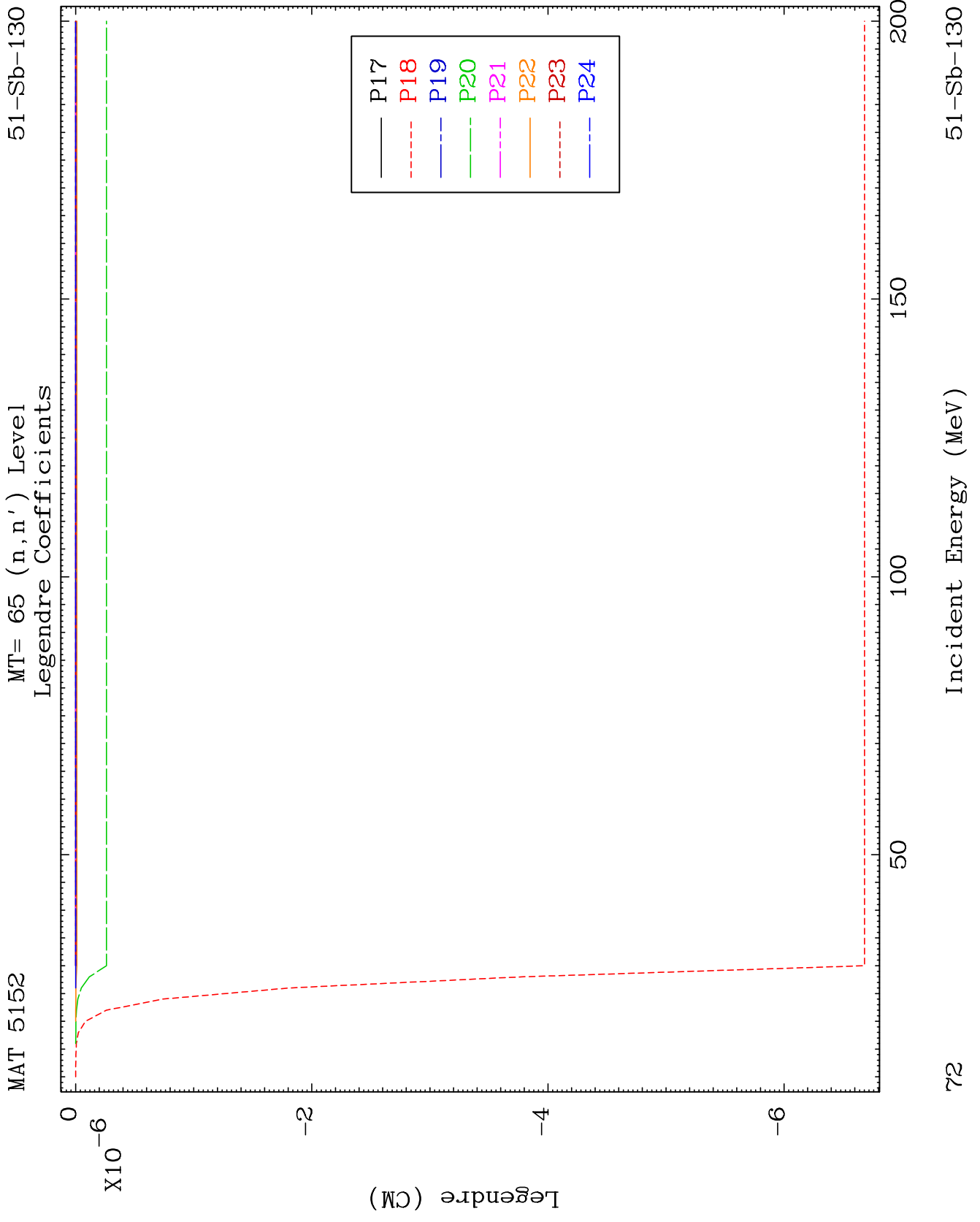
51-Sb-130



71

Incident Energy (MeV)

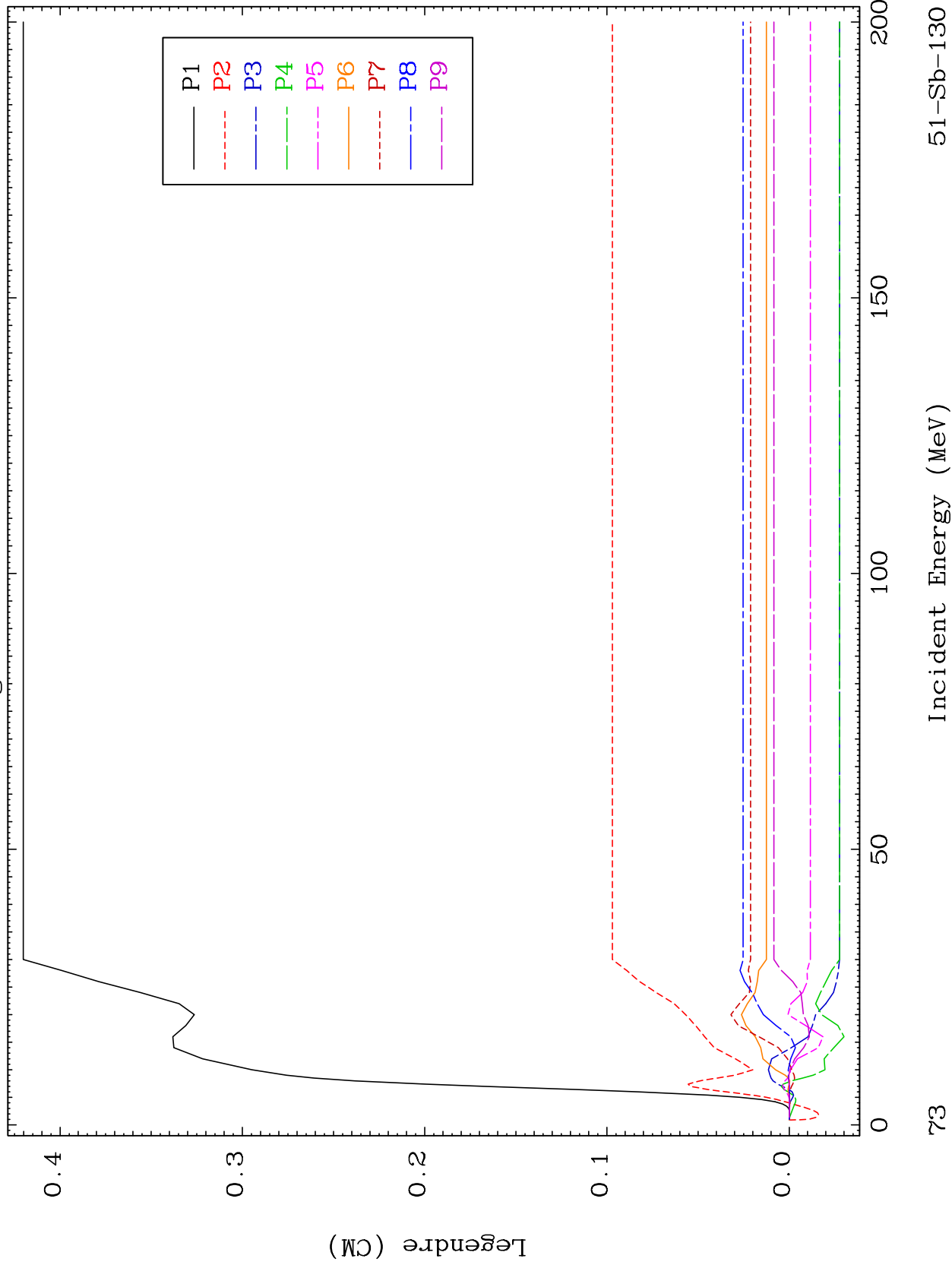
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

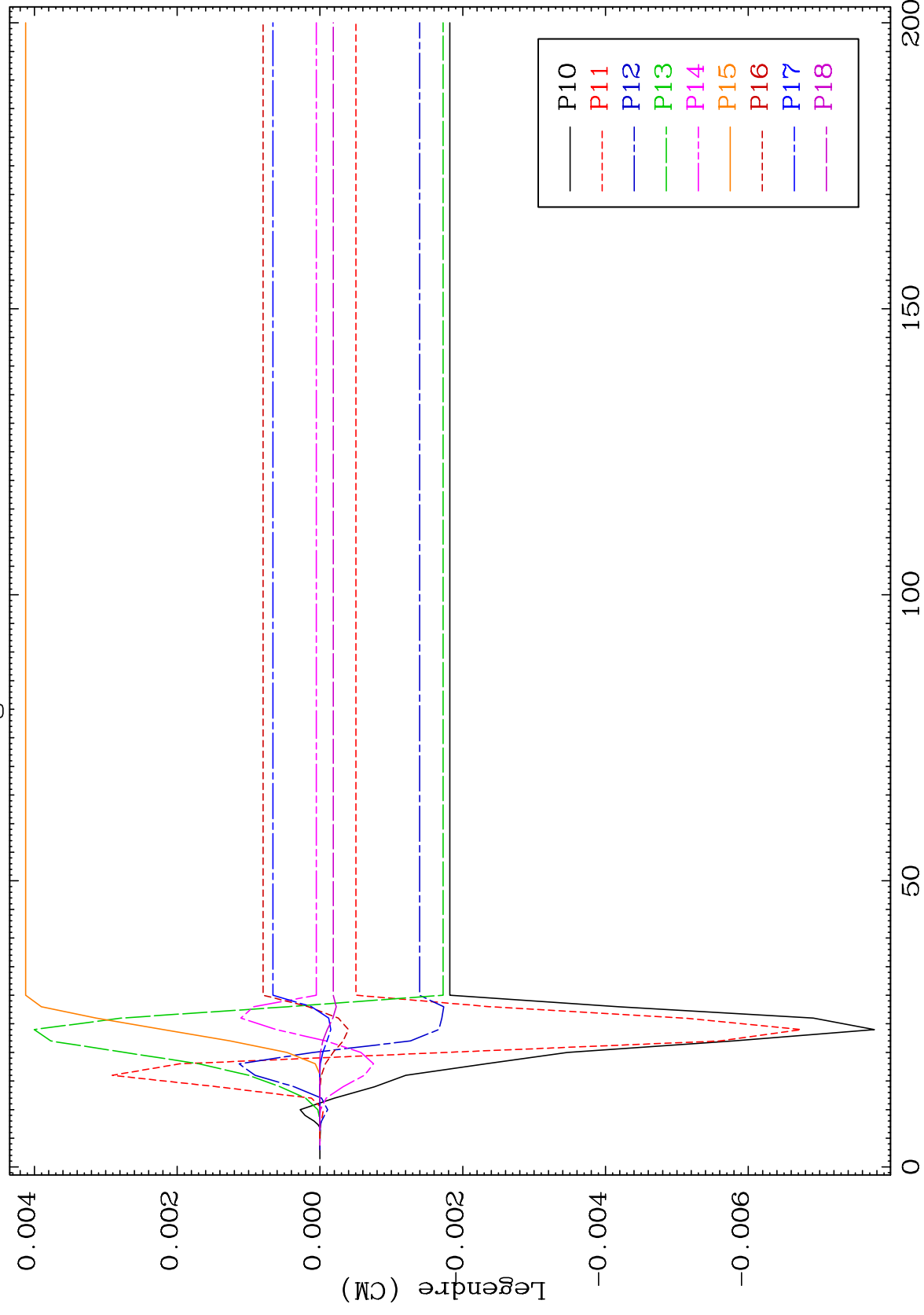
Incident Energy (MeV)

73

MAT 5152

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

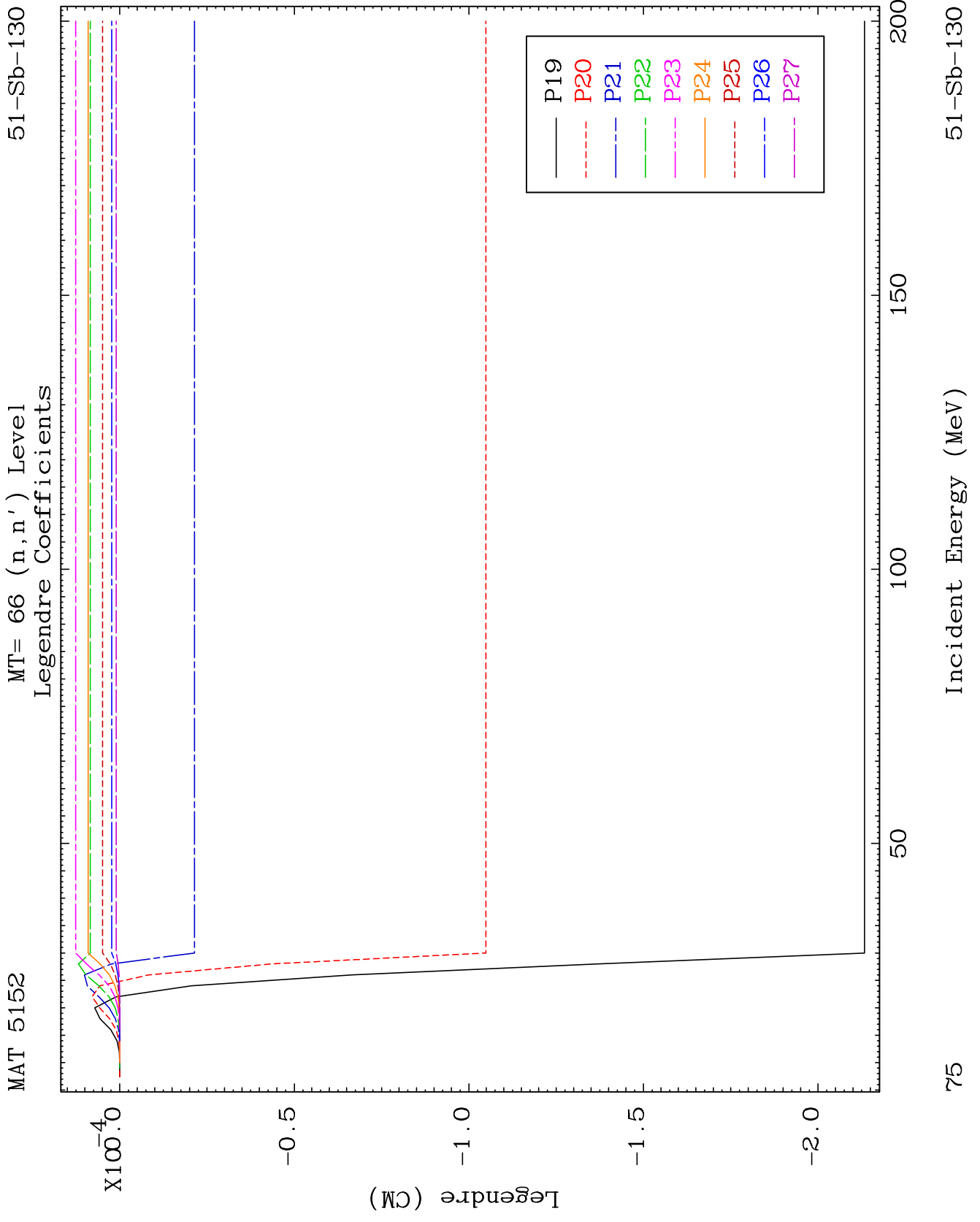
51-Sb-130



74

Incident Energy (MeV)

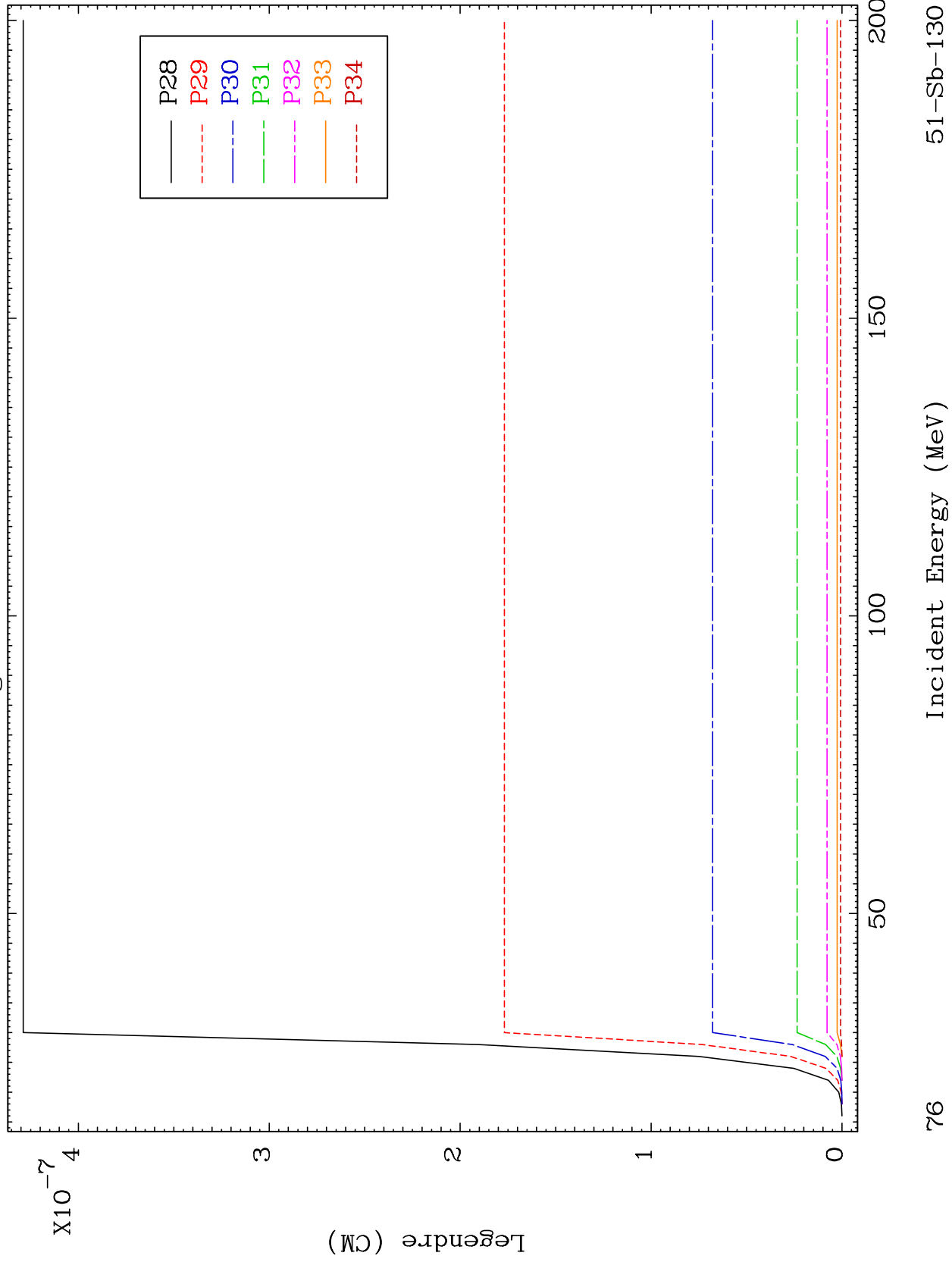
51-Sb-130

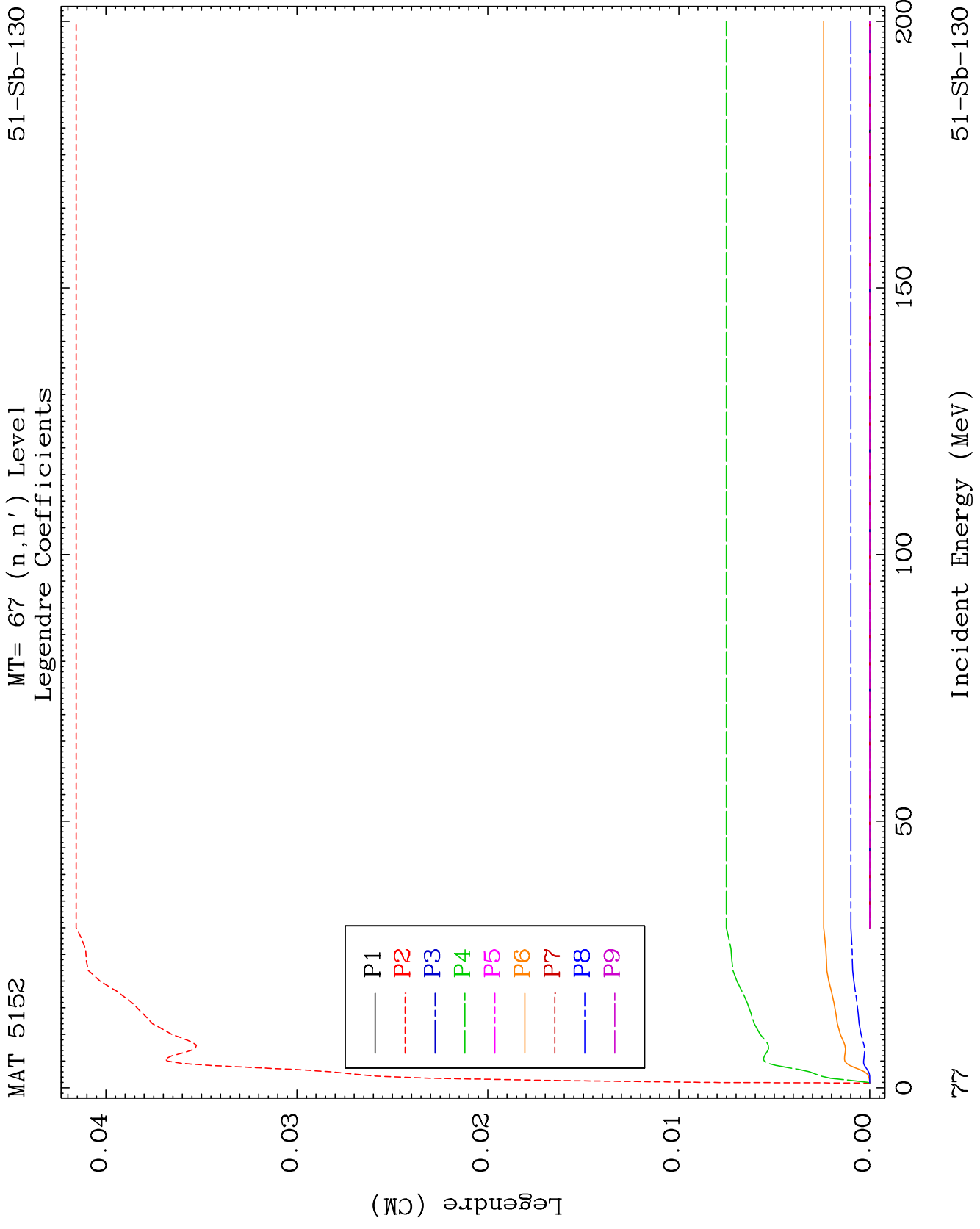


MAT 5152

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

51-Sb-130

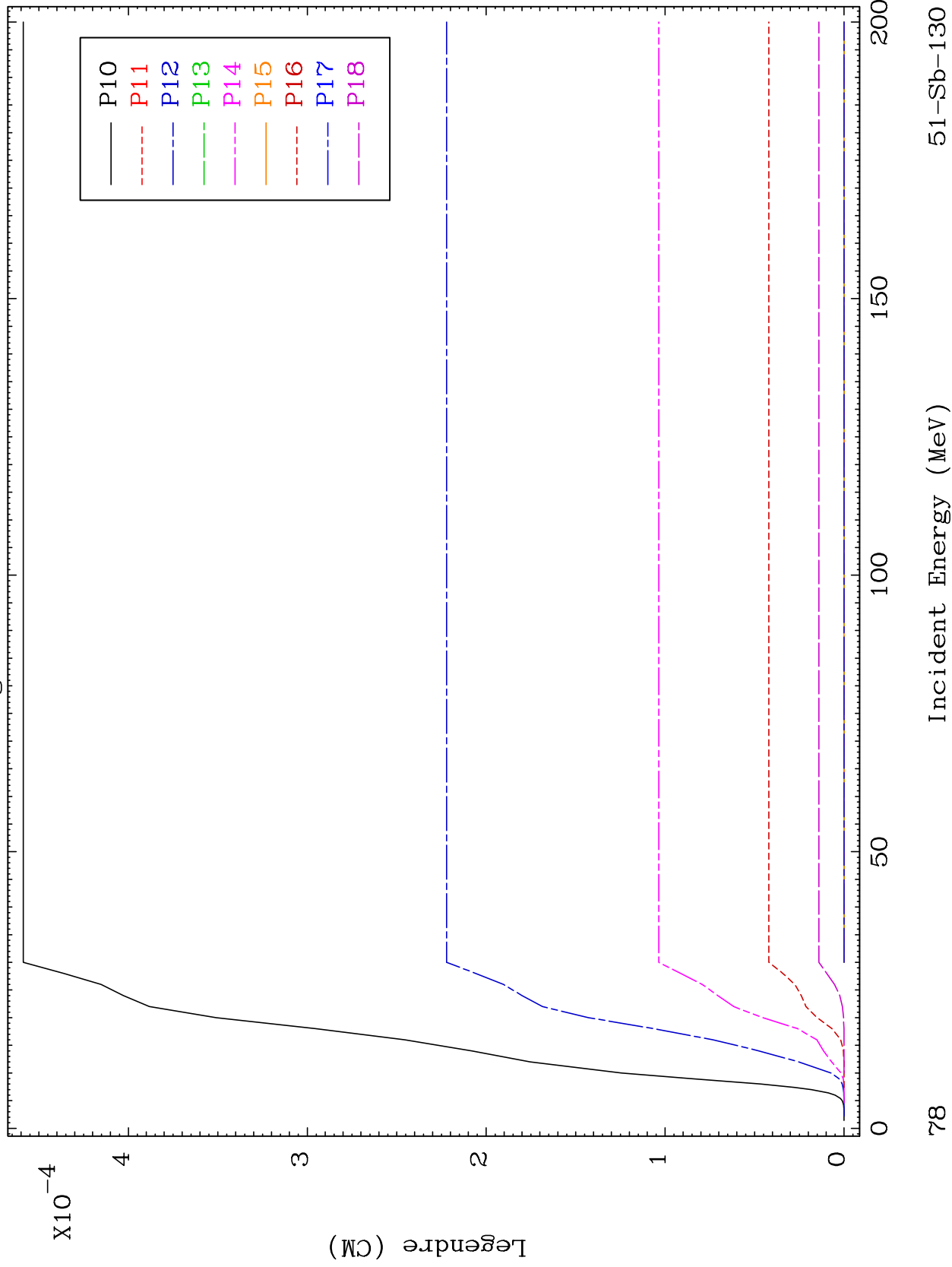


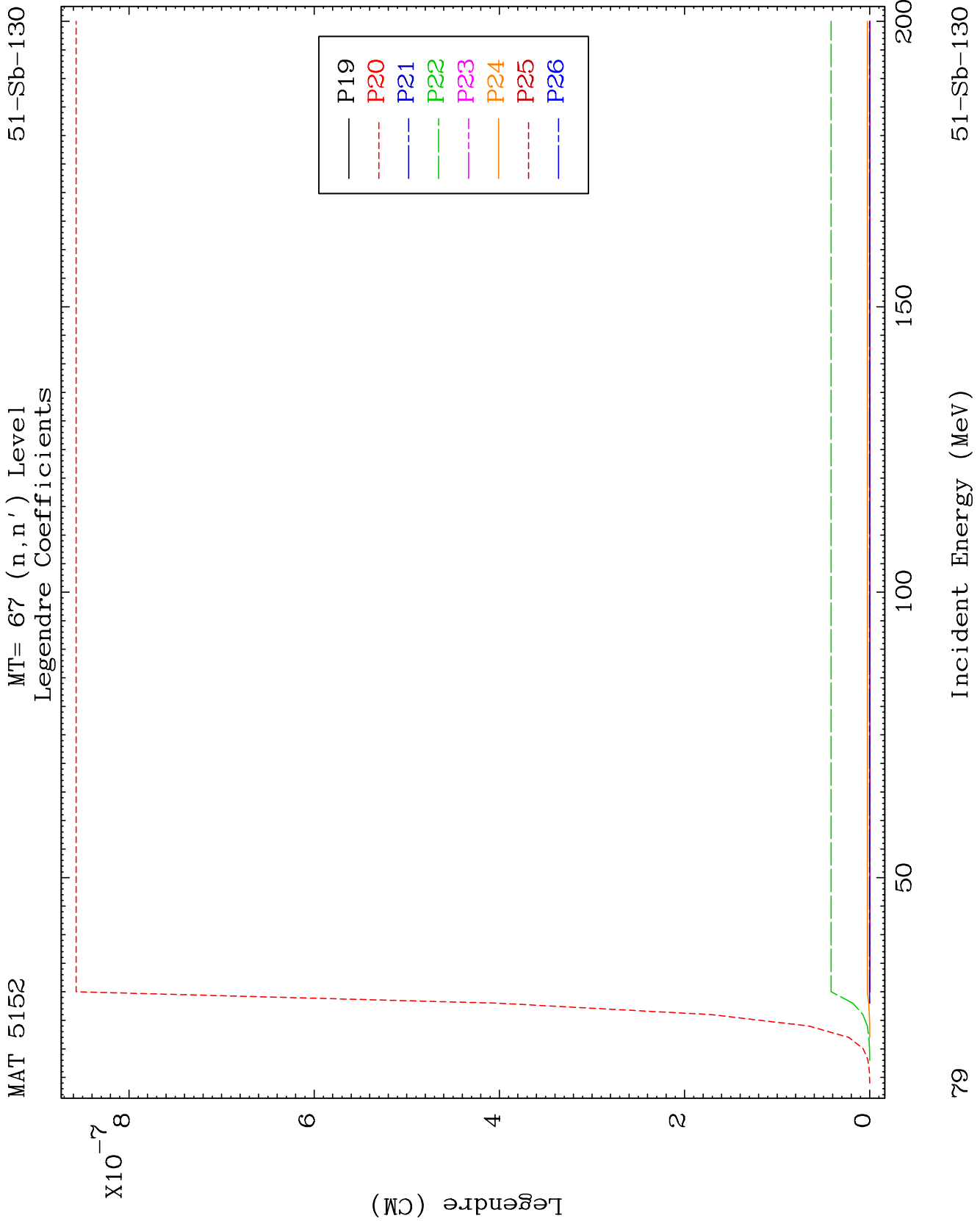


MAT 5152

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

51-Sb-130

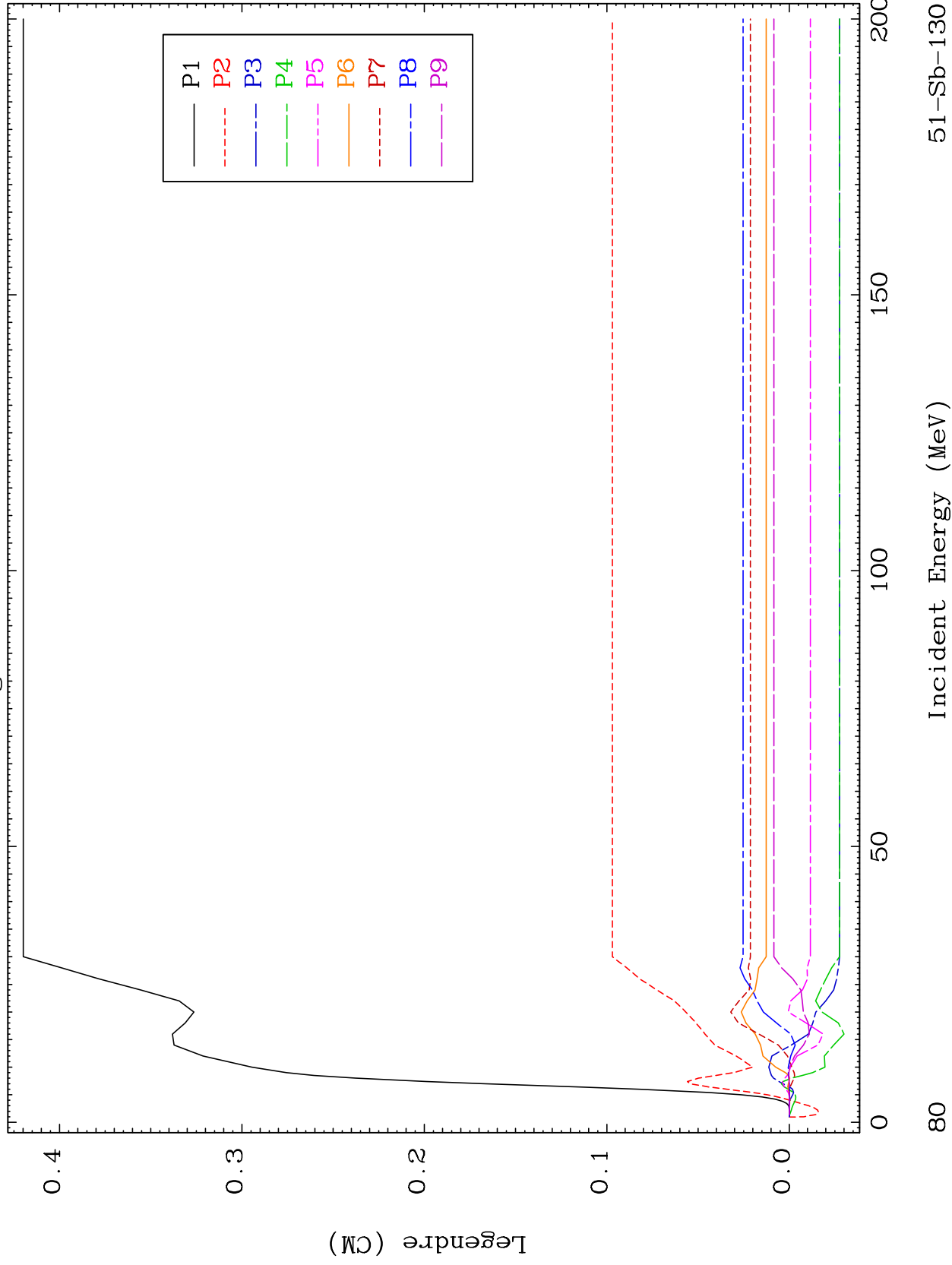




MAT 5152

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

51-Sb-130



51-Sb-130

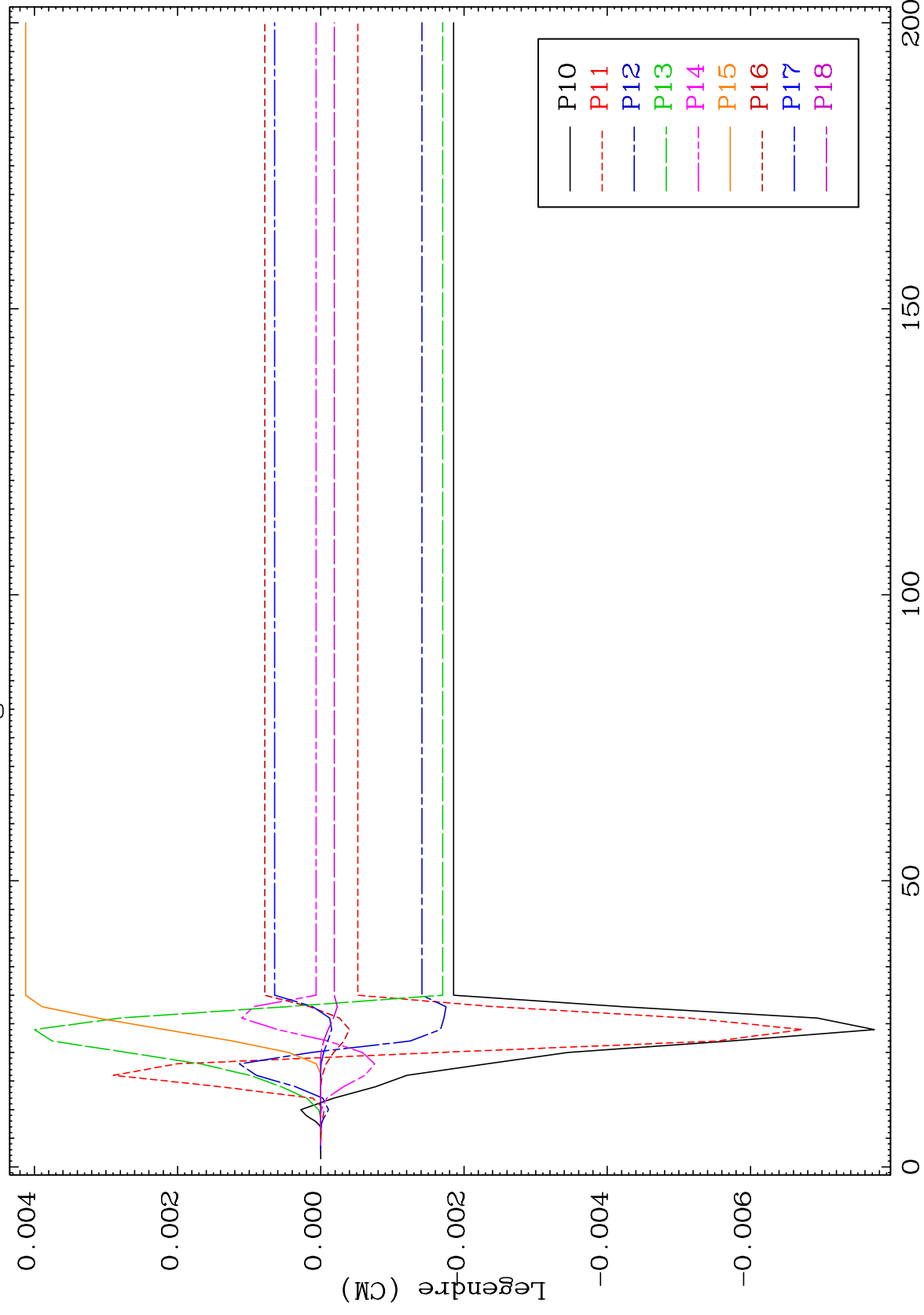
Incident Energy (MeV)

80

MAT 5152

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

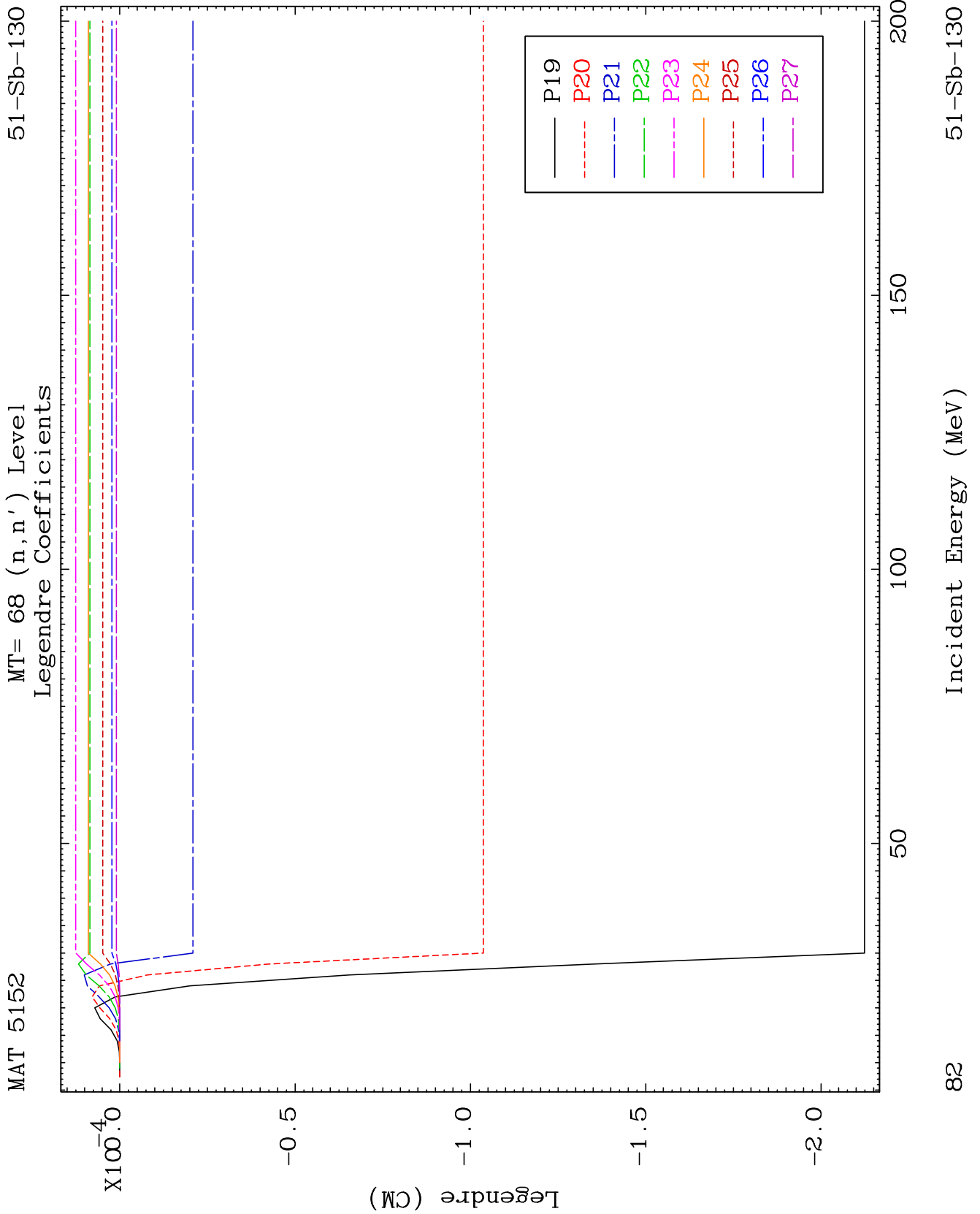
51-Sb-130



81

Incident Energy (MeV)

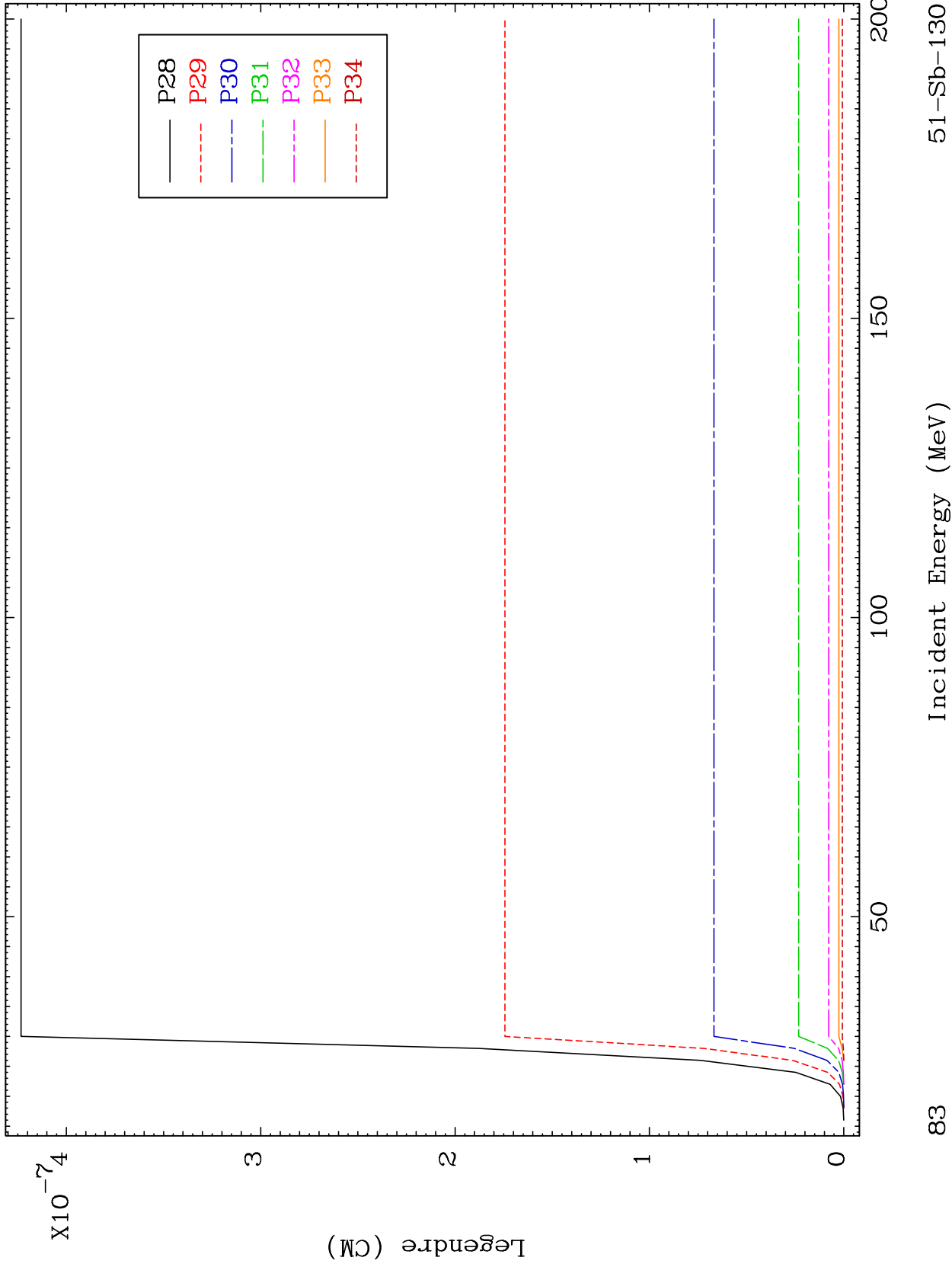
51-Sb-130



MAT 5152

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

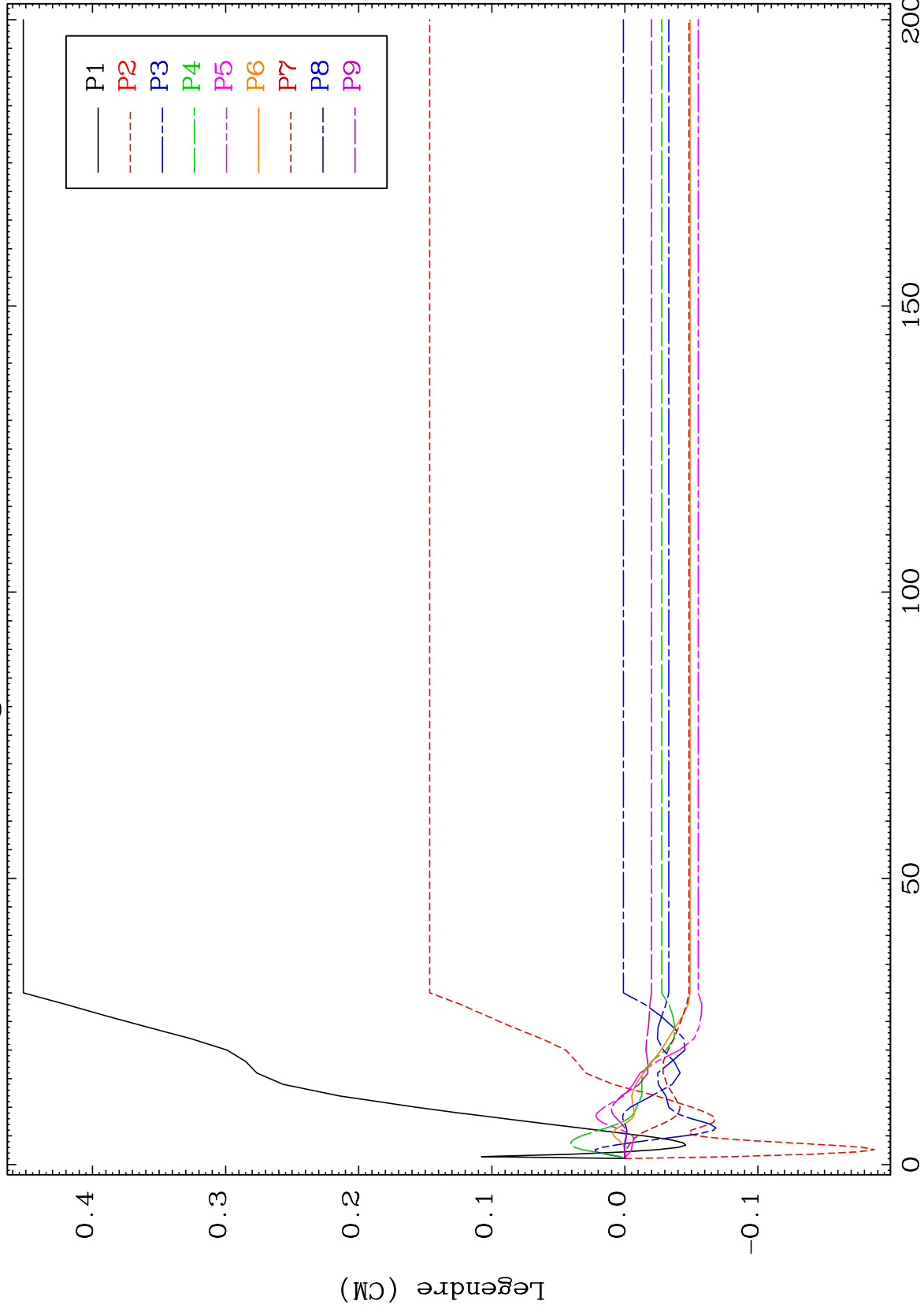
51-Sb-130



MAT 5152

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

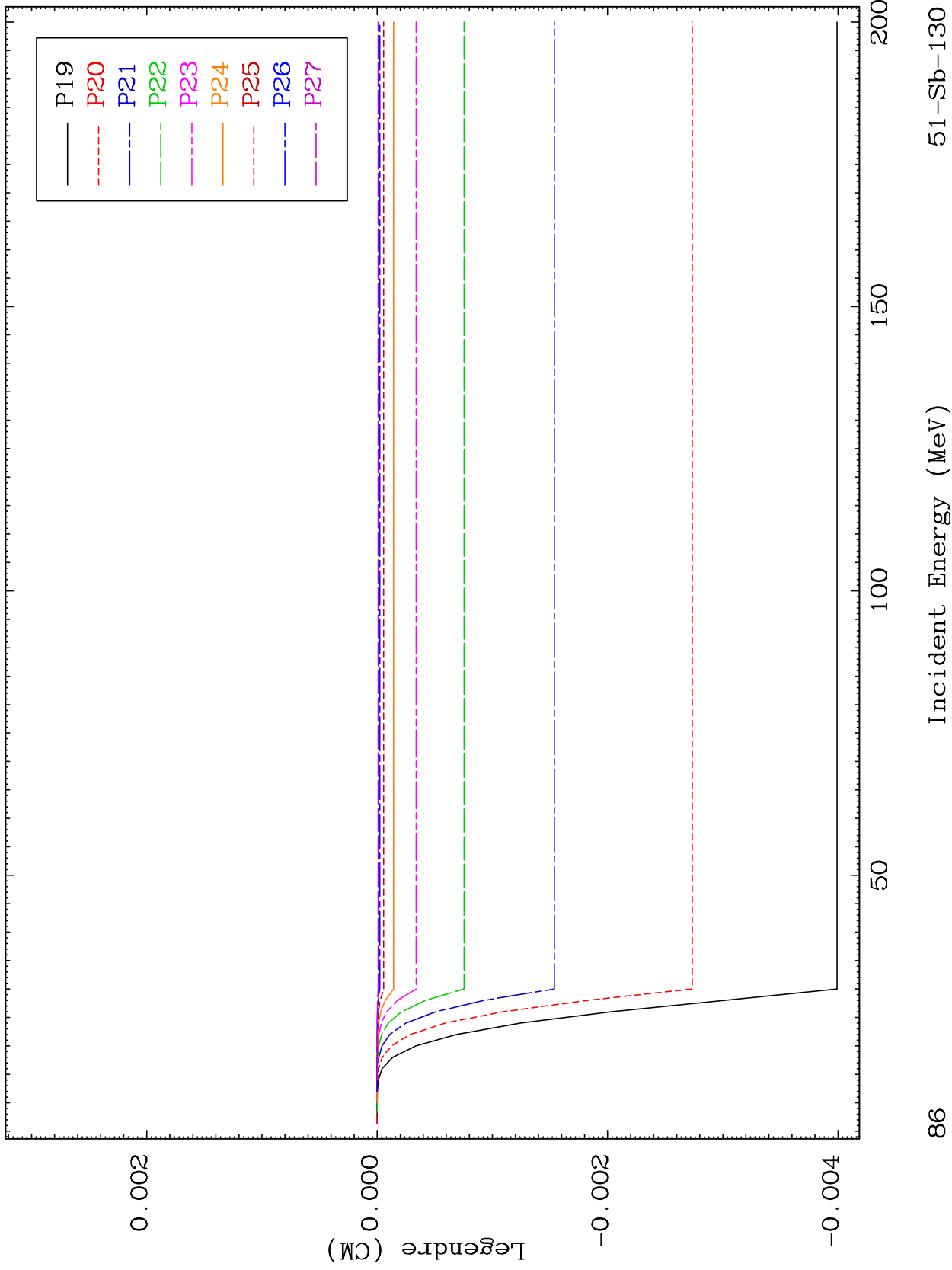
51-Sb-130

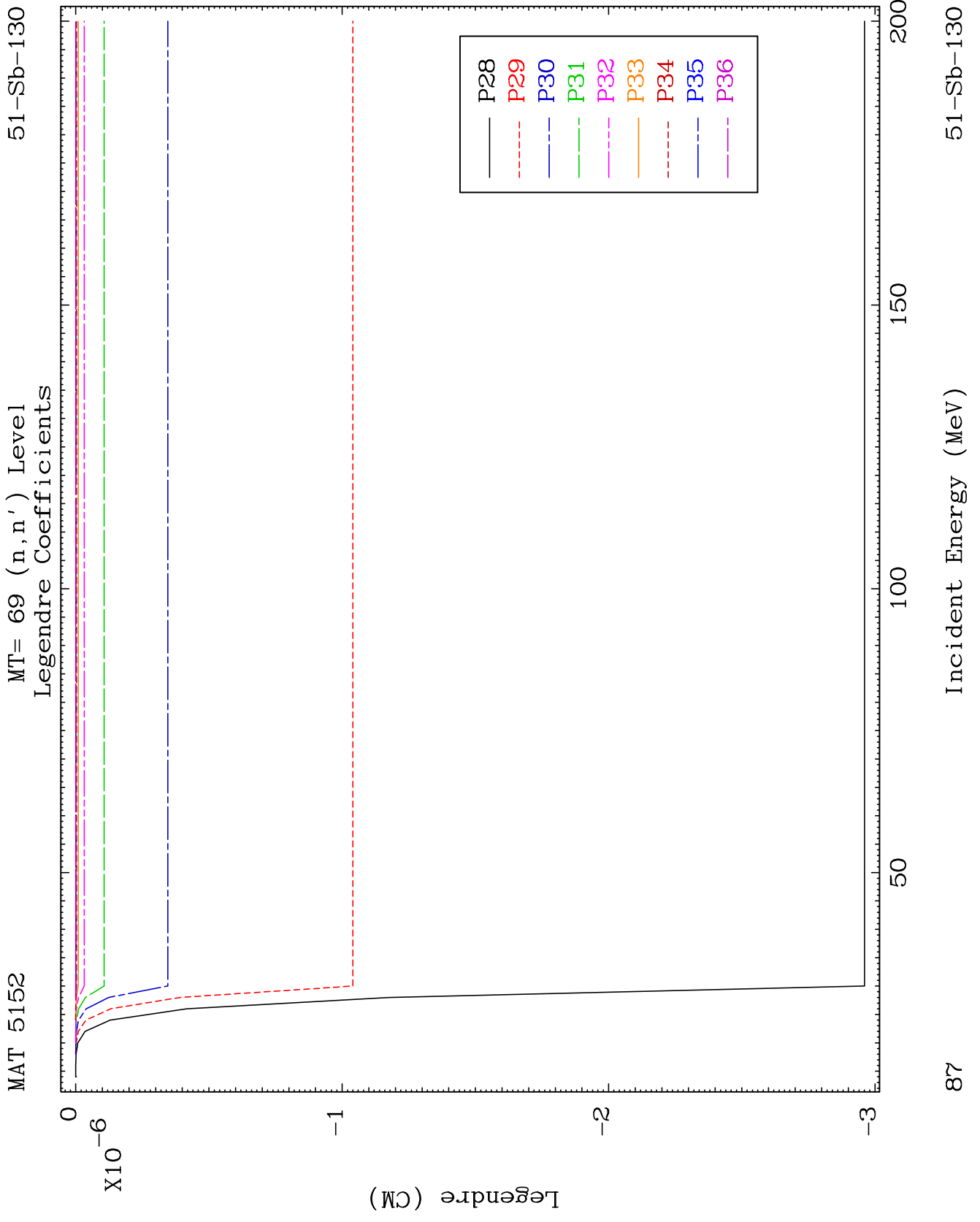


51-Sb-130

Incident Energy (MeV)

84

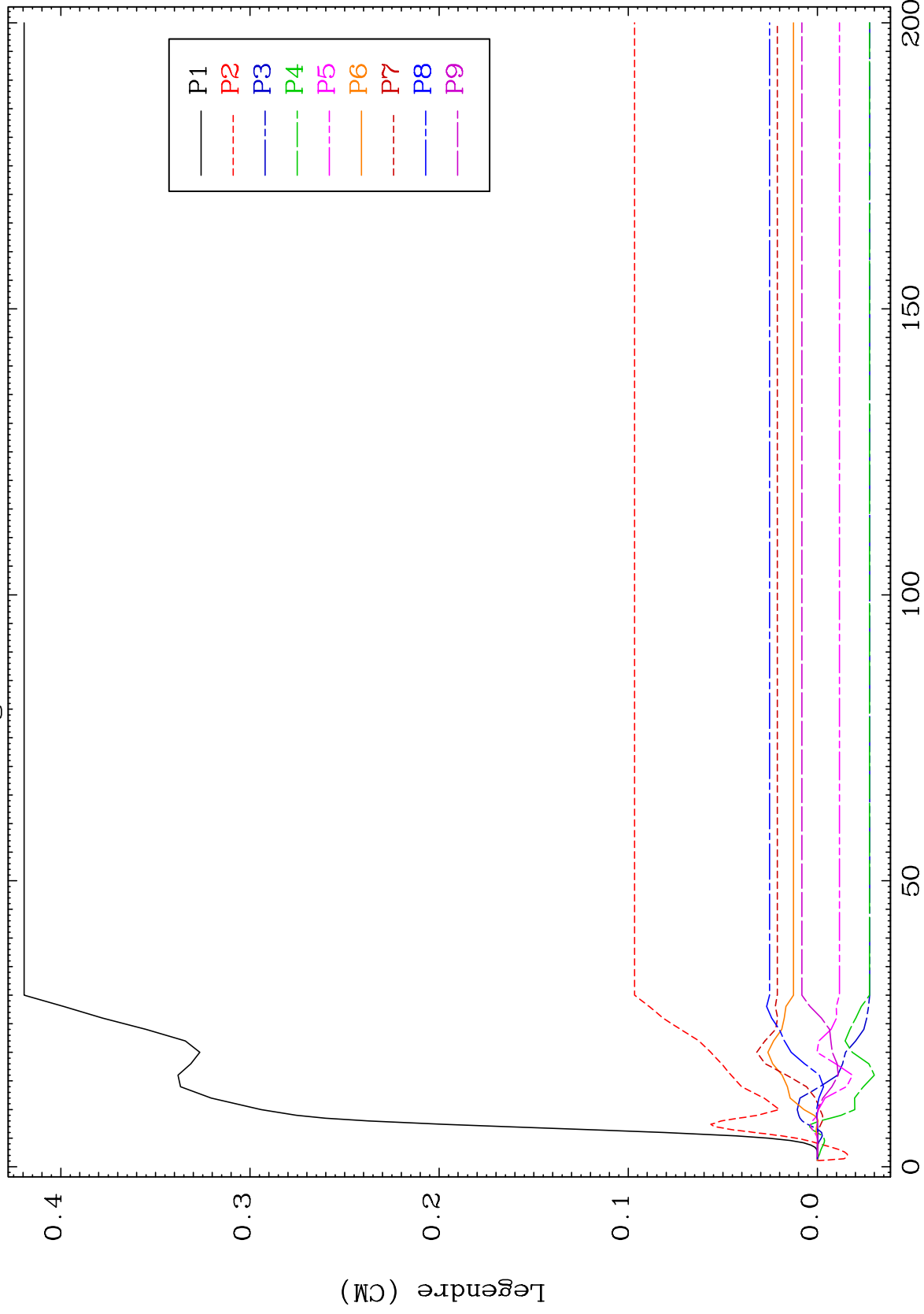




MAT 5152

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

51-Sb-130



88

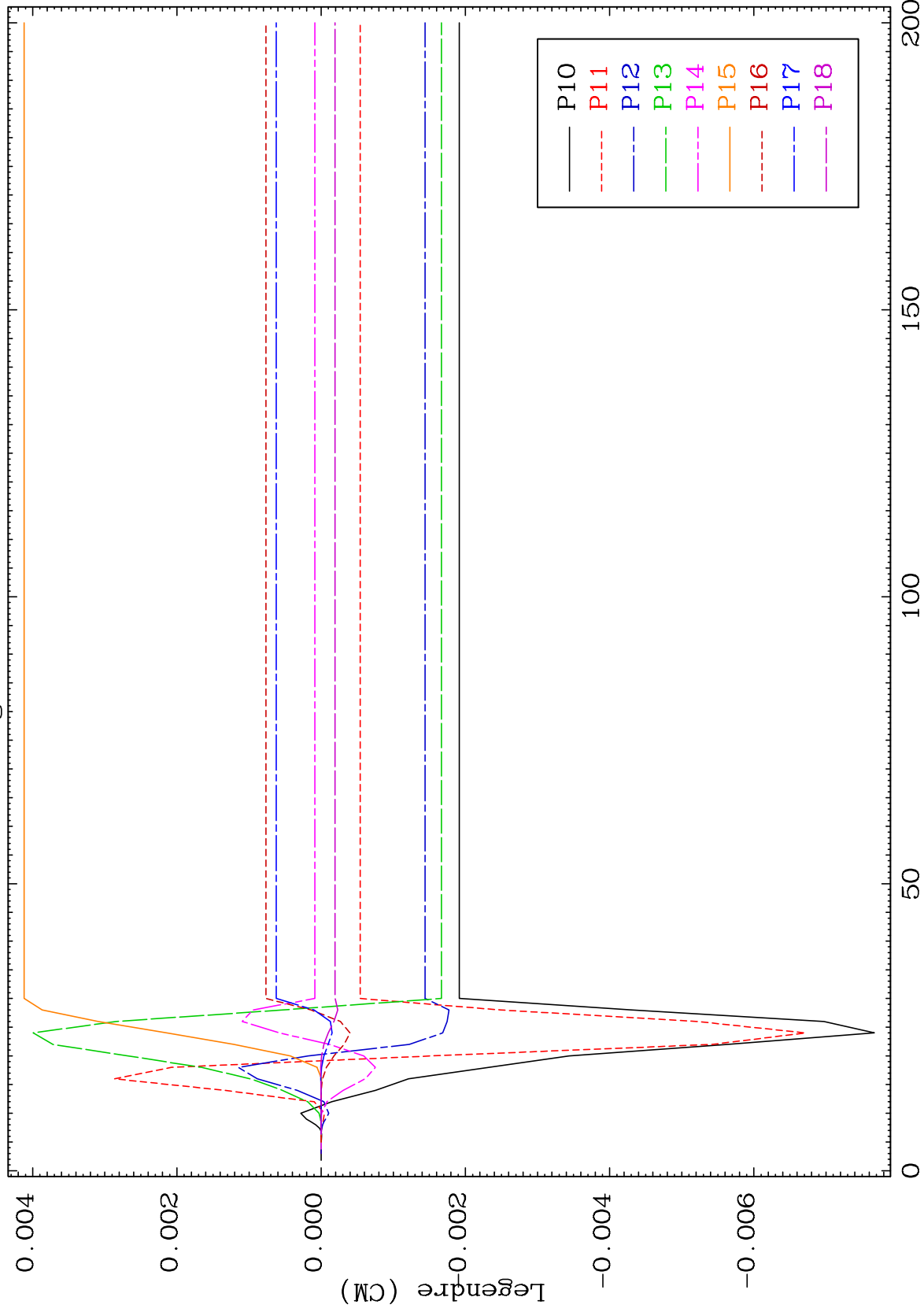
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

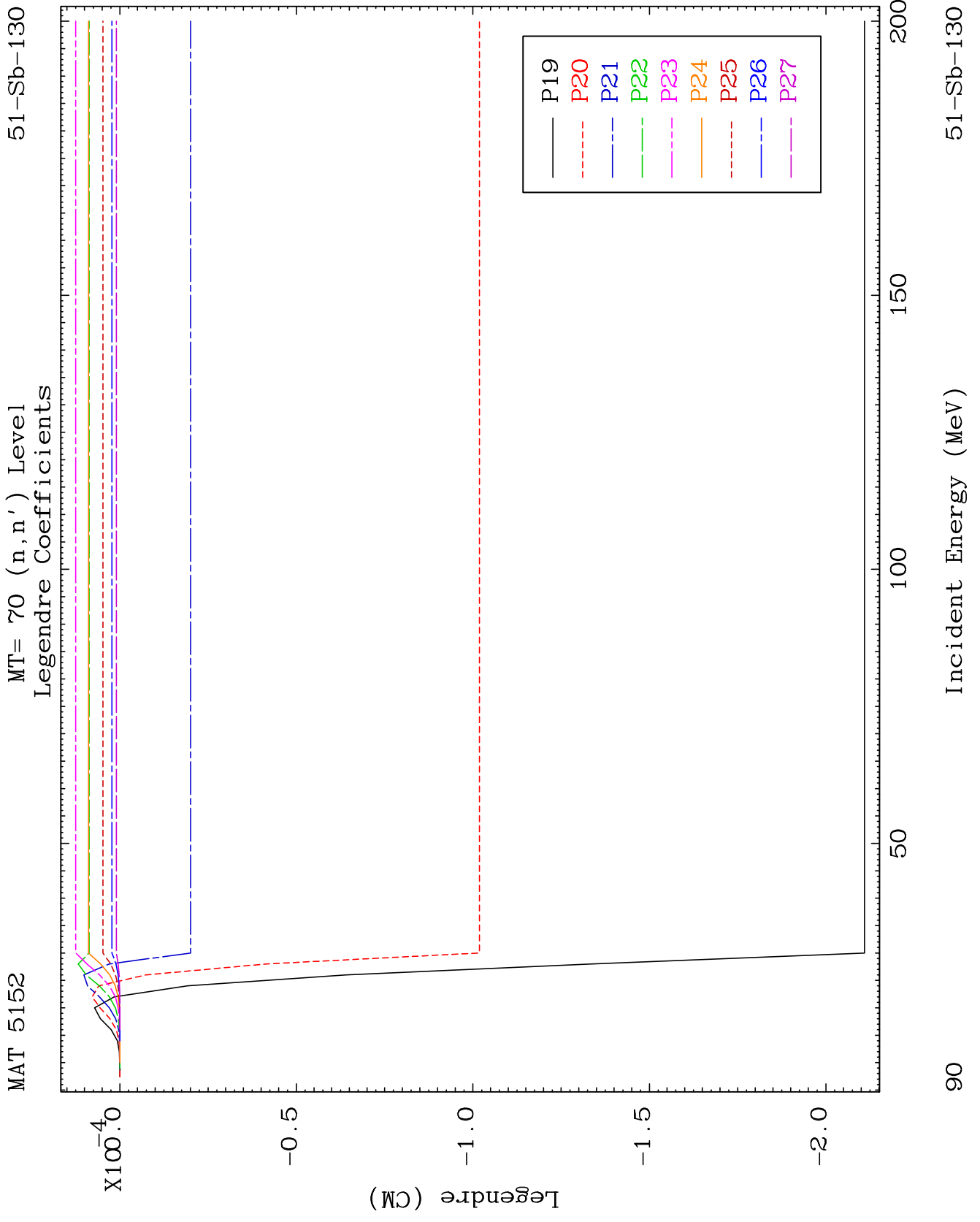
51-Sb-130



89

Incident Energy (MeV)

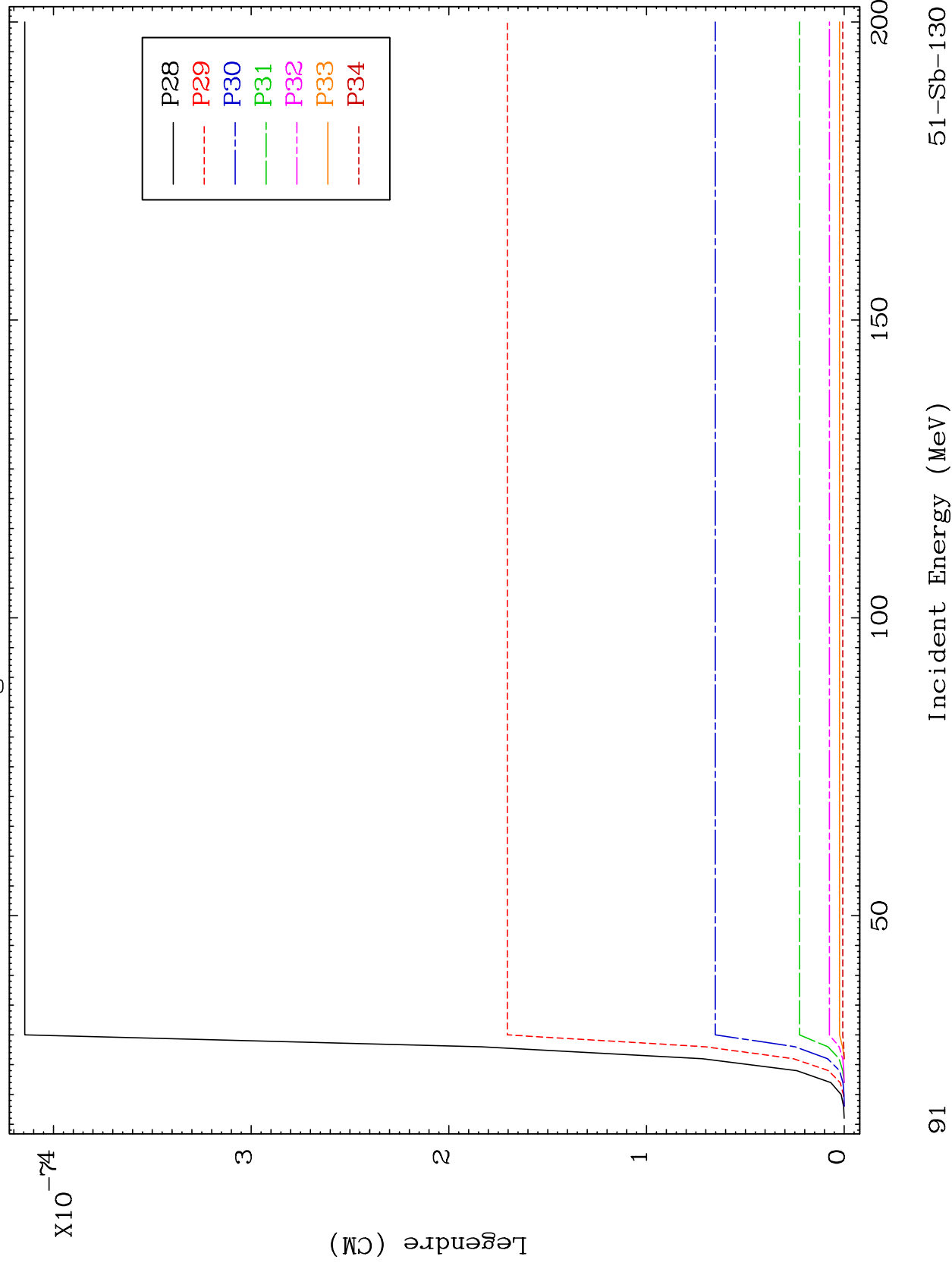
51-Sb-130

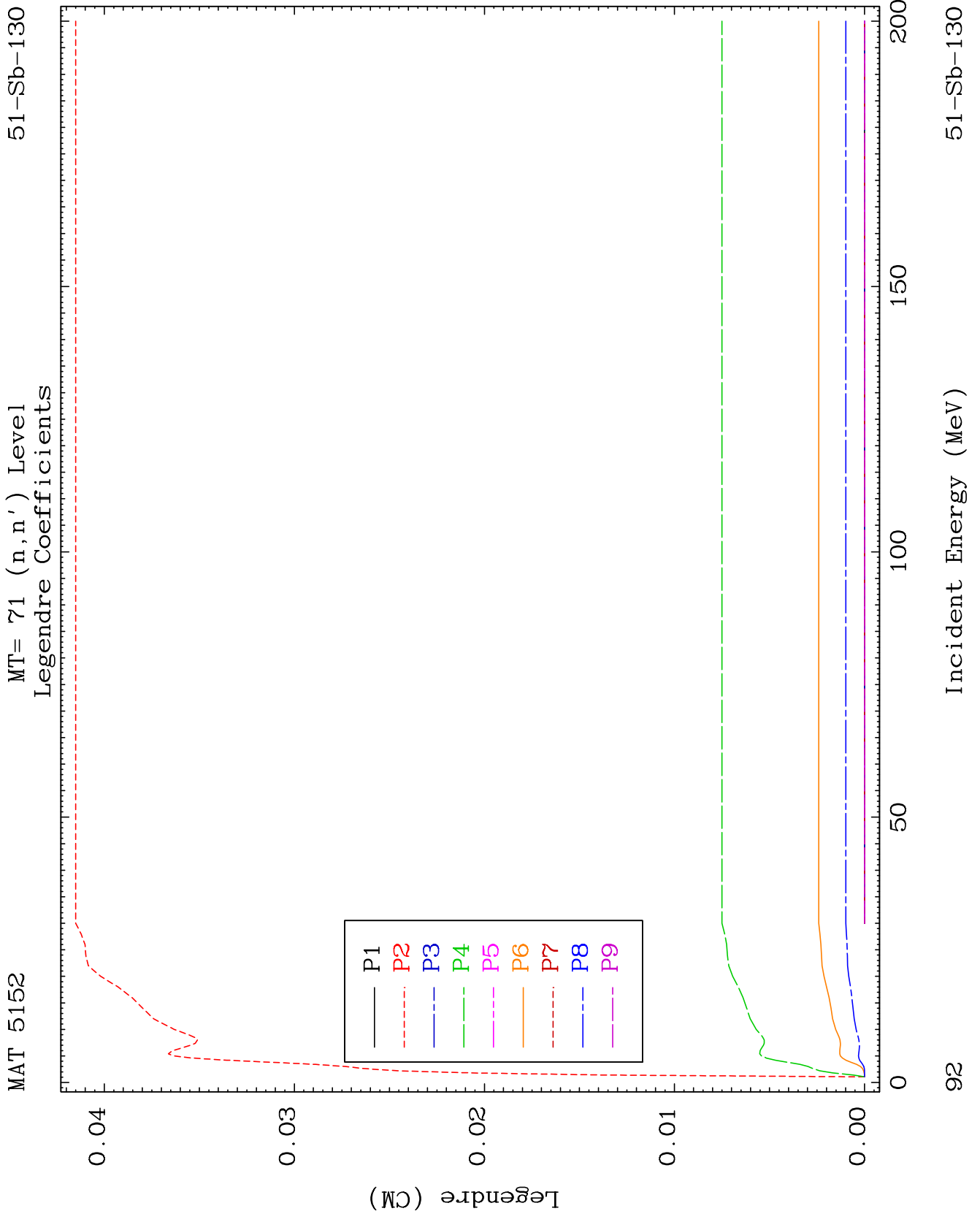


MAT 5152

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

51-Sb-130

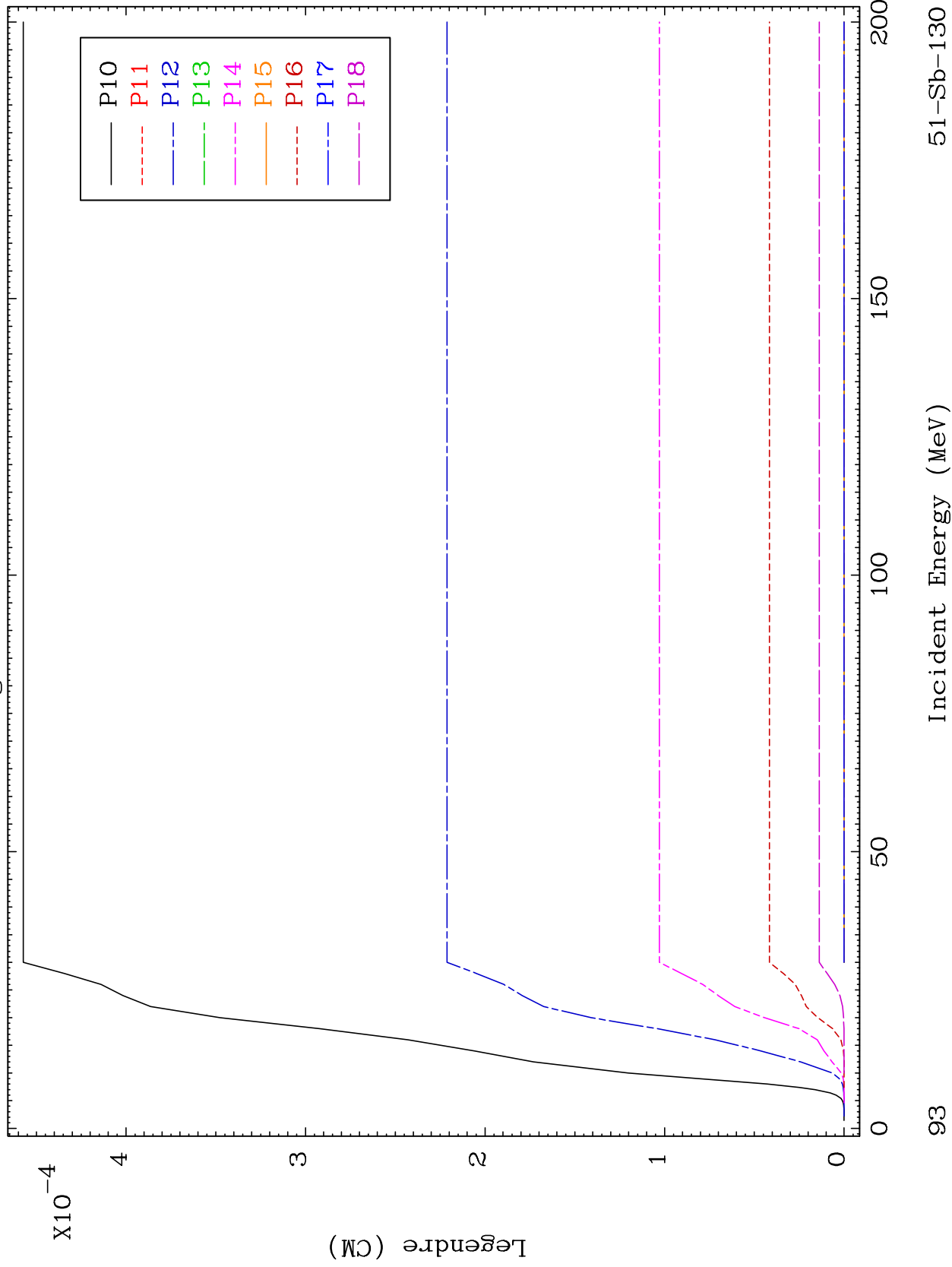




MAT 5152

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

51-Sb-130

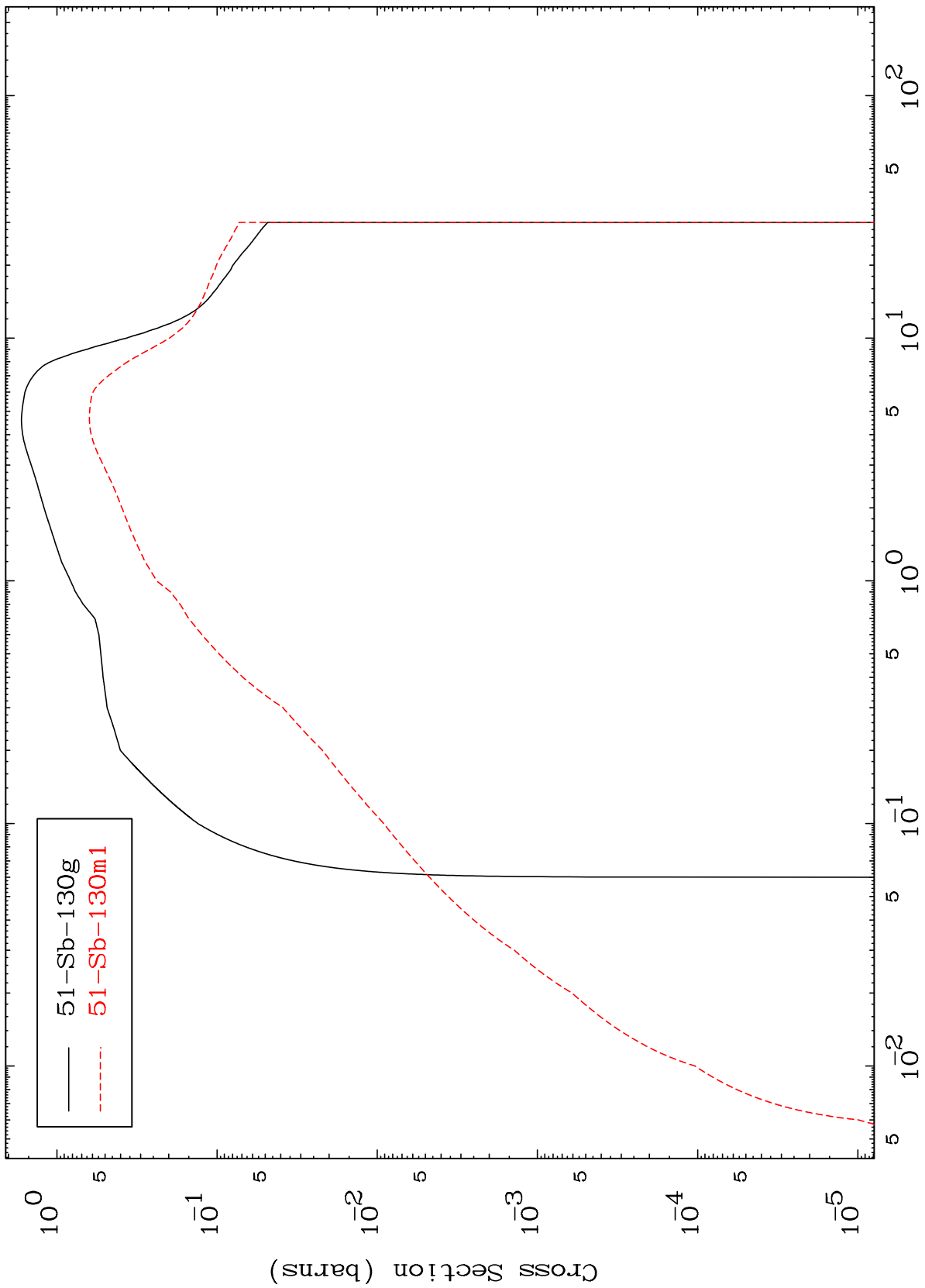


93

Incident Energy (MeV)

51-Sb-130

Inelastic
Radionuclide Production Cross Section



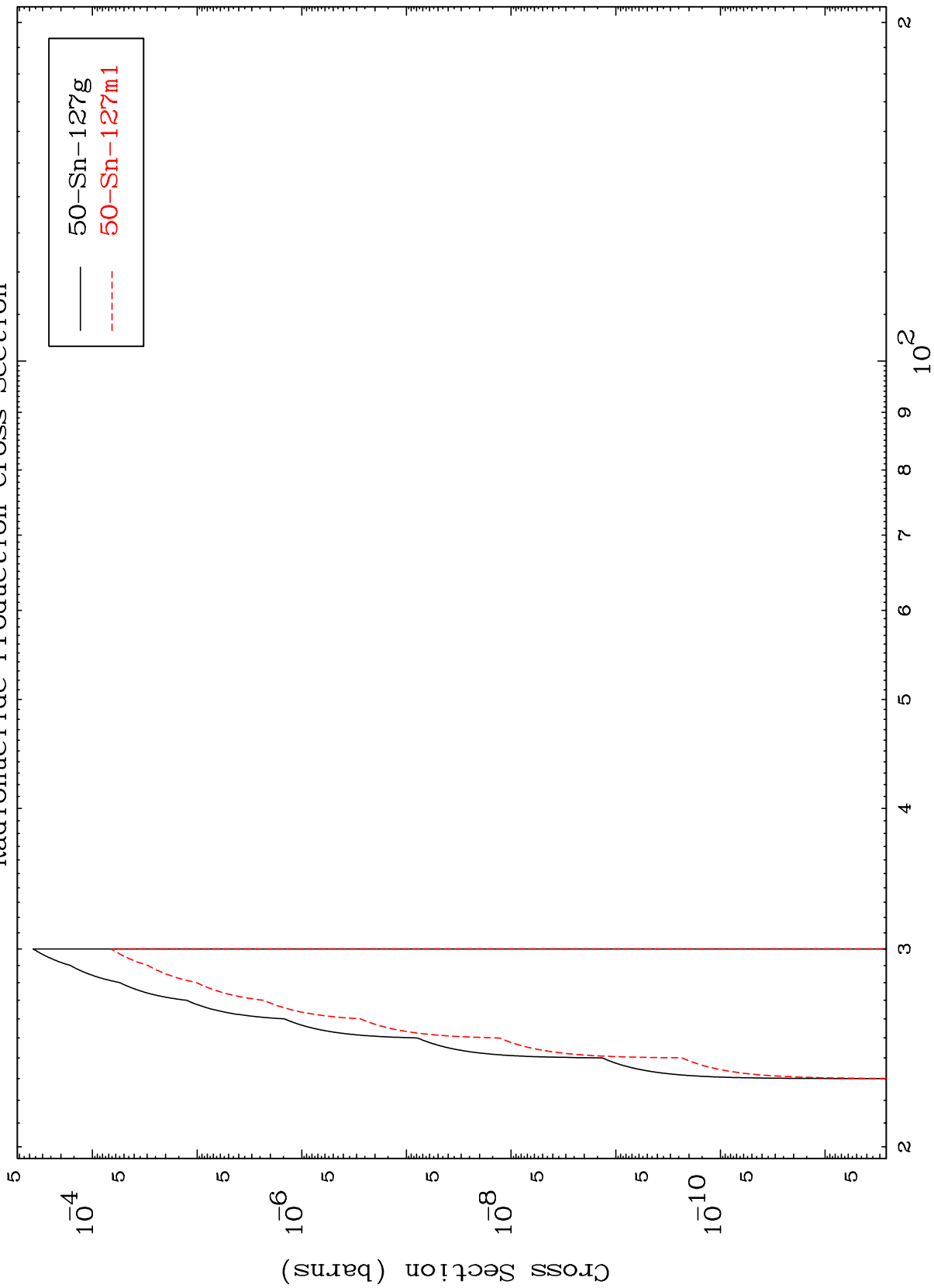
51-Sb-130g
51-Sb-130m1

MAT 5152

(n,2n) d

51-Sb-130

Radionuclide Production Cross Section



96

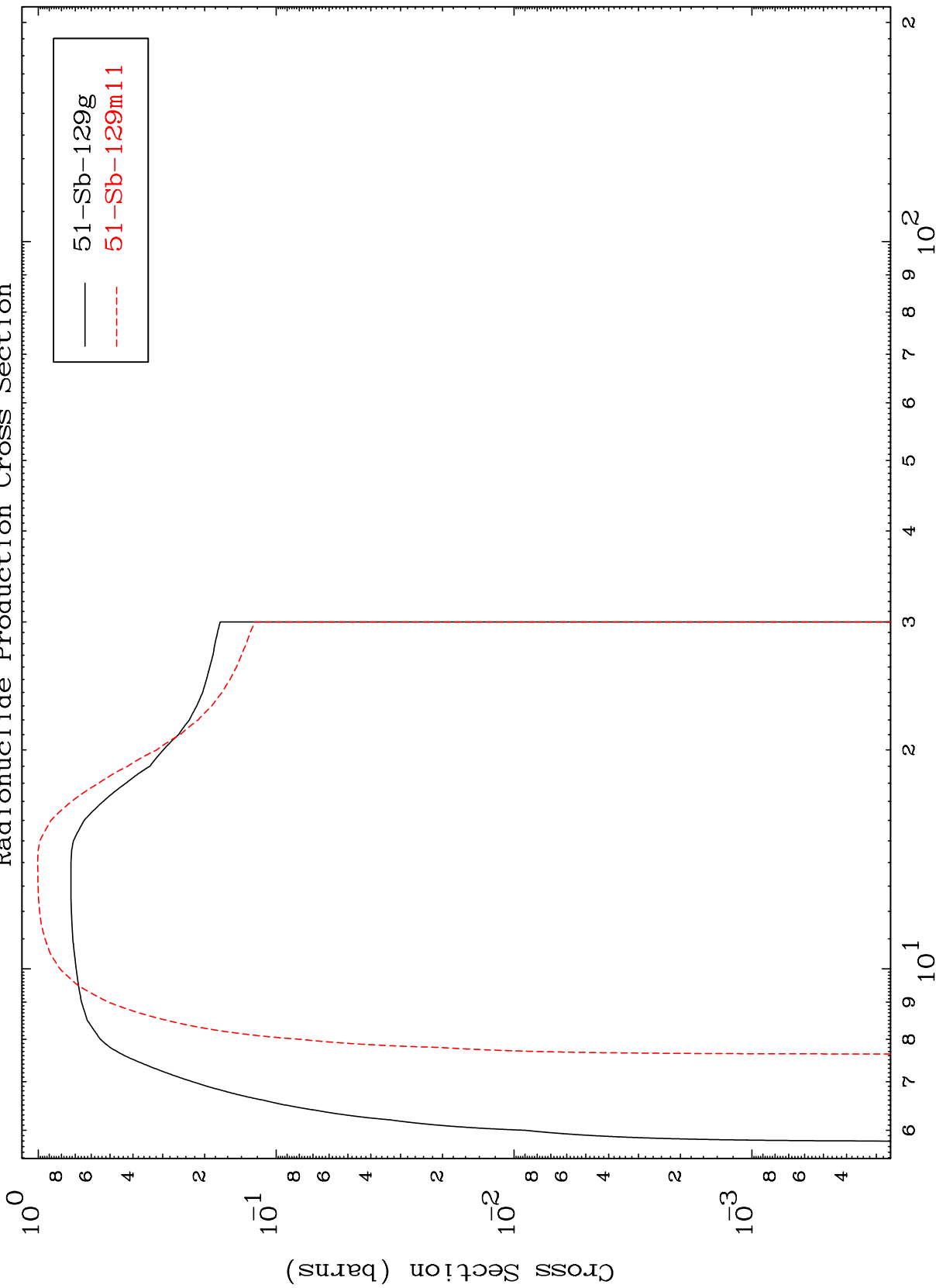
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(n,2n)
Radionuclide Production Cross Section



97

Incident Energy (MeV)

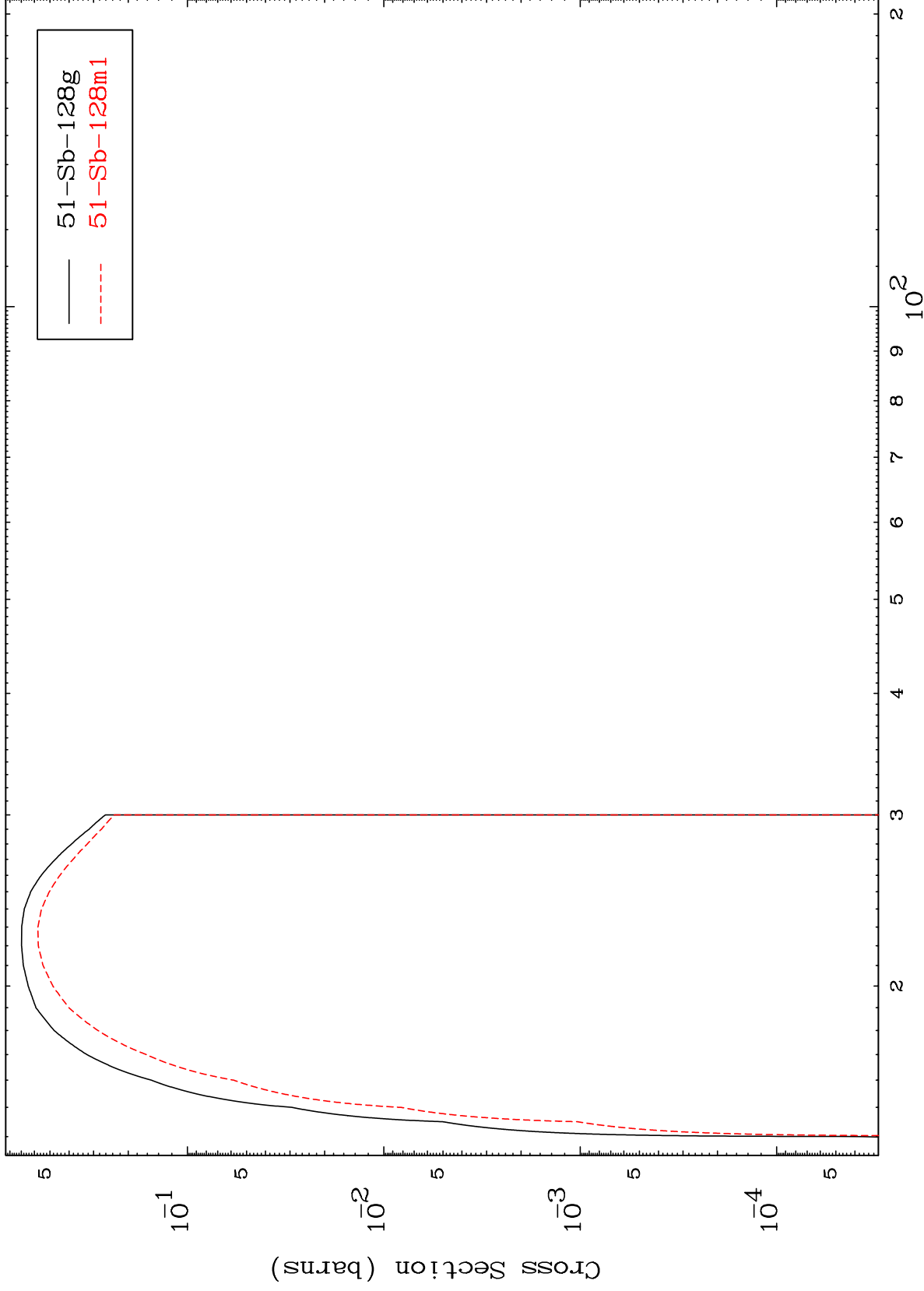
51-Sb-130

MAT 5152

(n,3n)

51-Sb-130

Radionuclide Production Cross Section



98

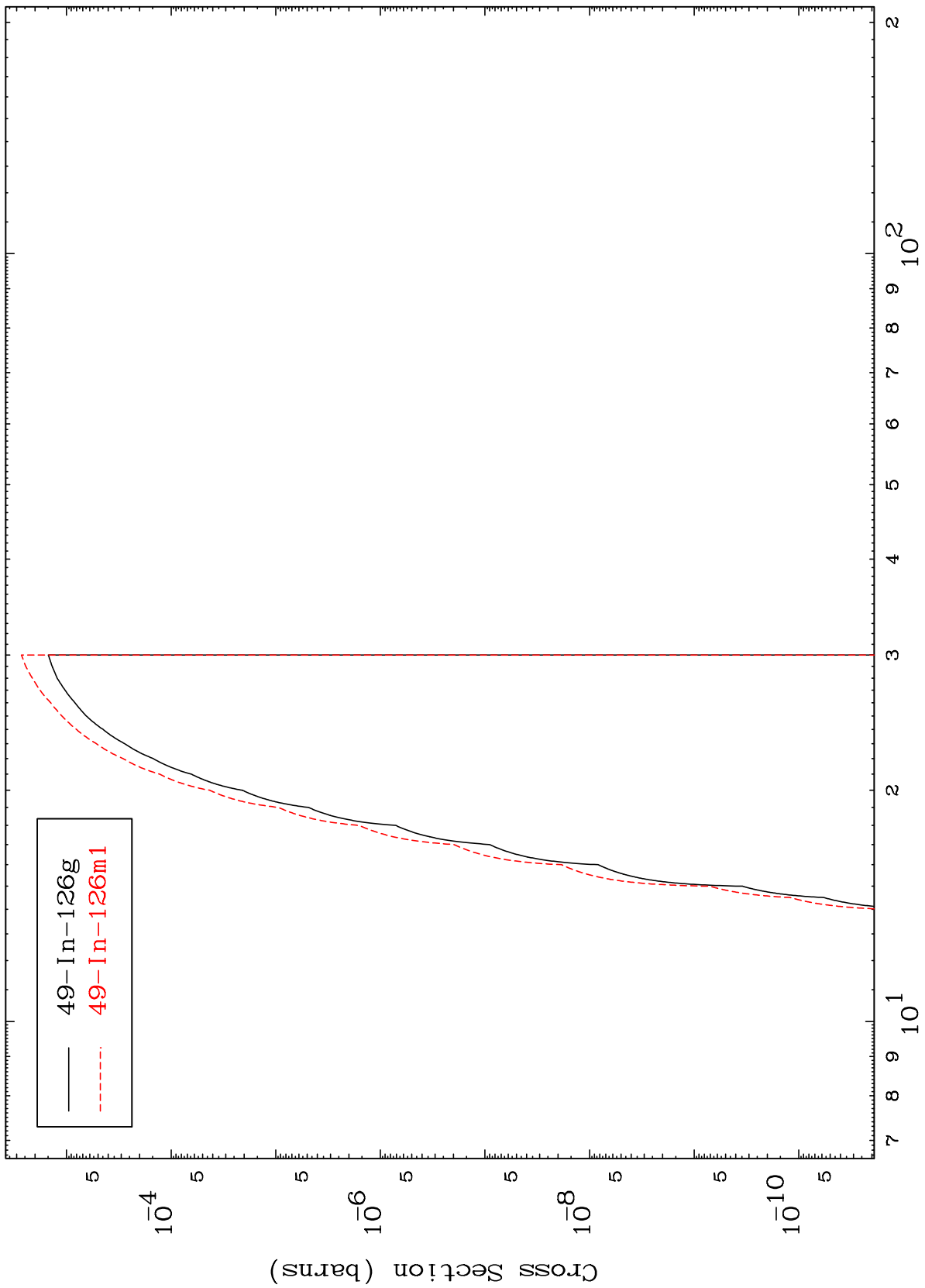
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

$(n,n') \alpha$
Radionuclide Production Cross Section



99

Incident Energy (MeV)

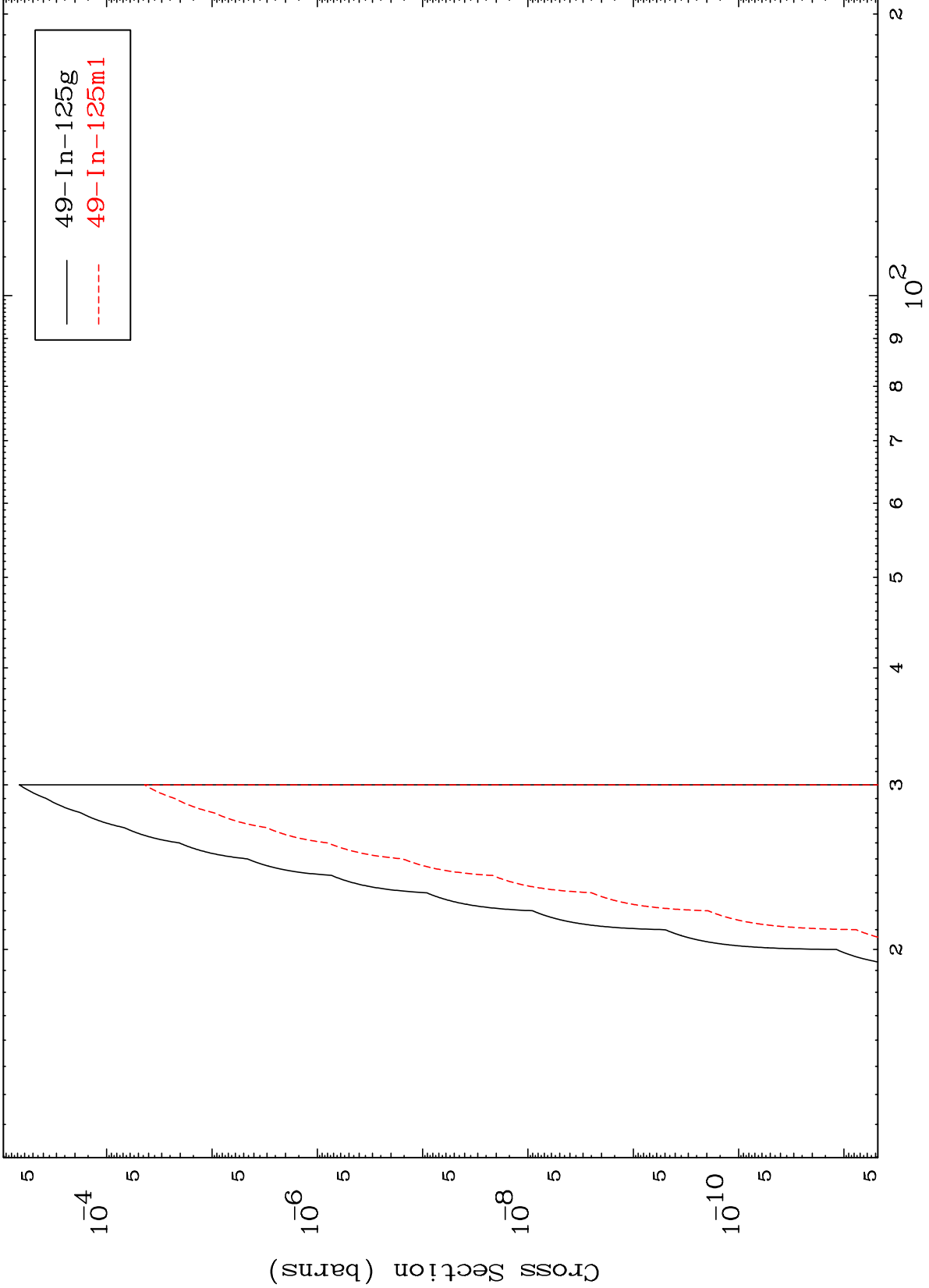
51-Sb-130

MAT 5152

(n,2n) α

51-Sb-130

Radionuclide Production Cross Section



49-In-125g
49-In-125m1

100

Incident Energy (MeV)

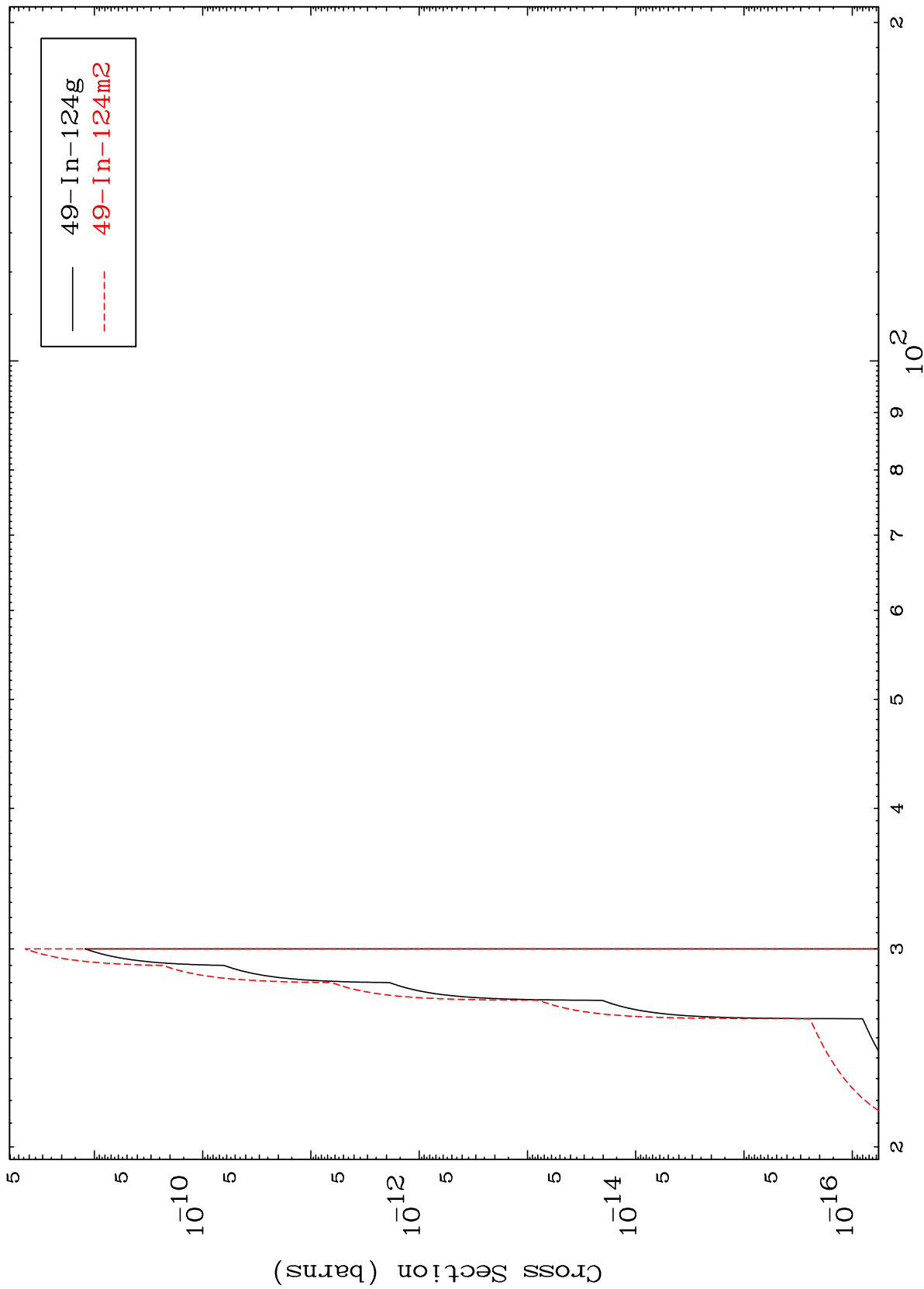
51-Sb-130

MAT 5152

(n,3n) α

51-Sb-130

Radionuclide Production Cross Section



101

Incident Energy (MeV)

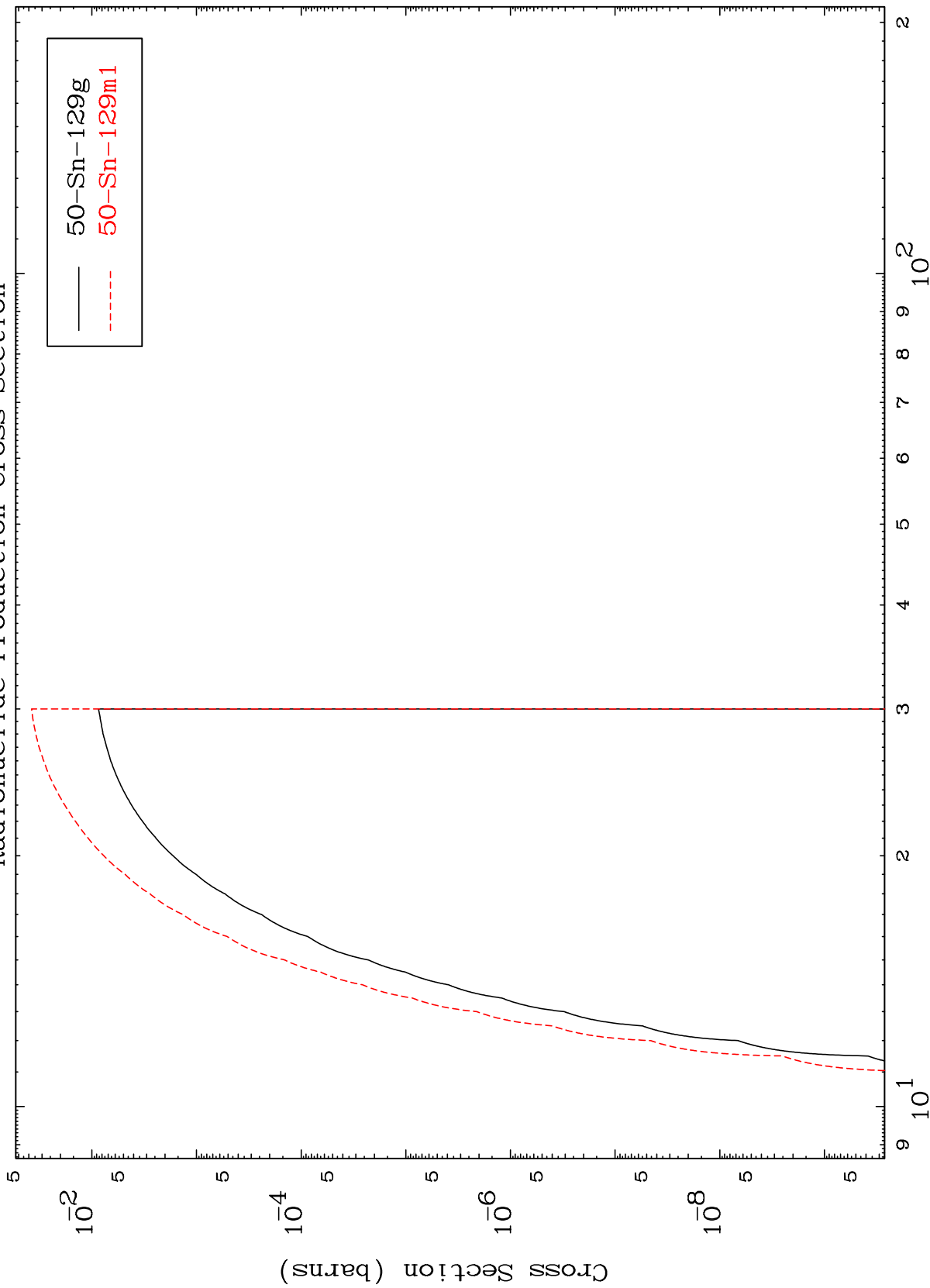
51-Sb-130

MAT 5152

(n,n') p

51-Sb-130

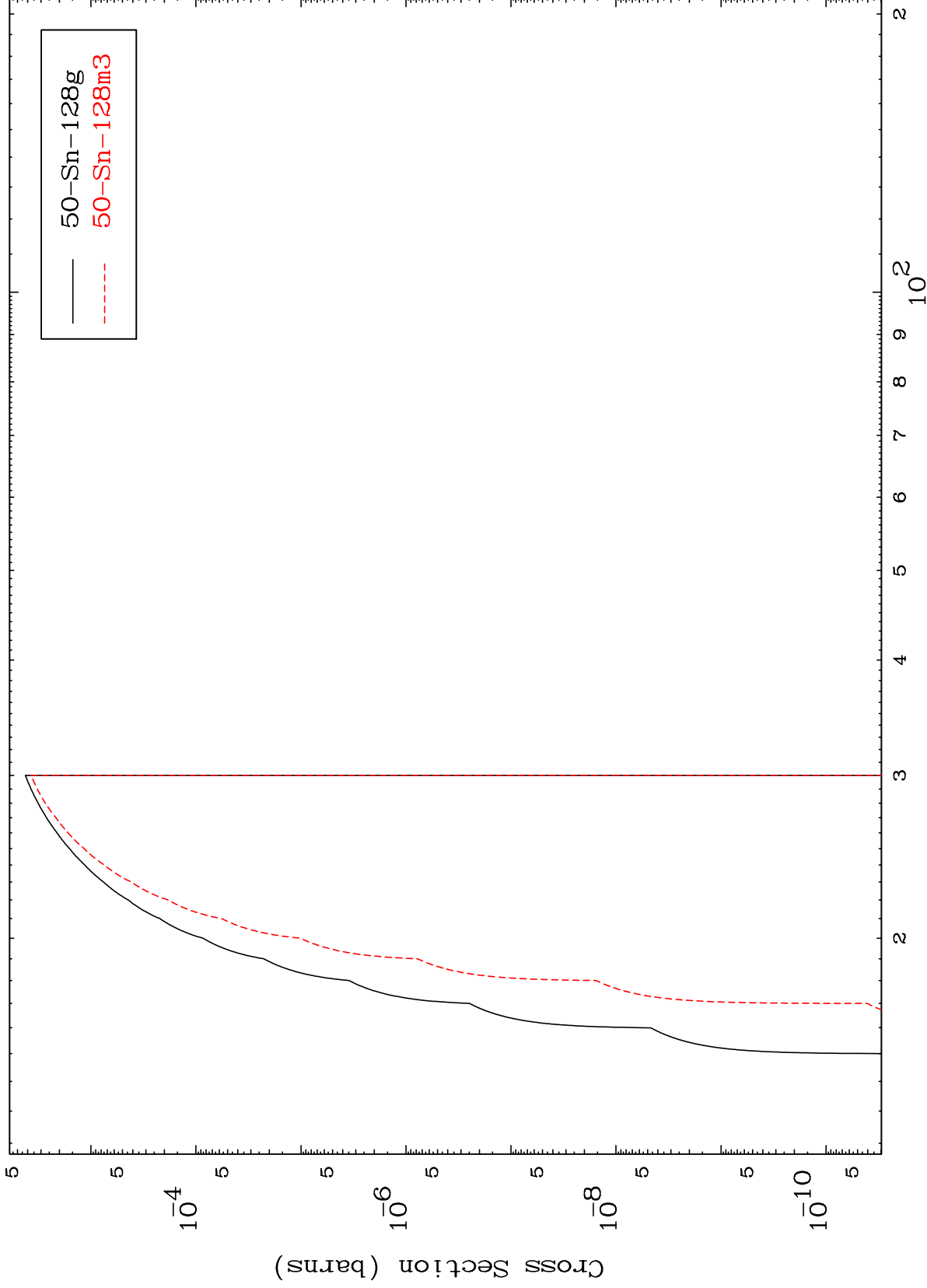
Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-130

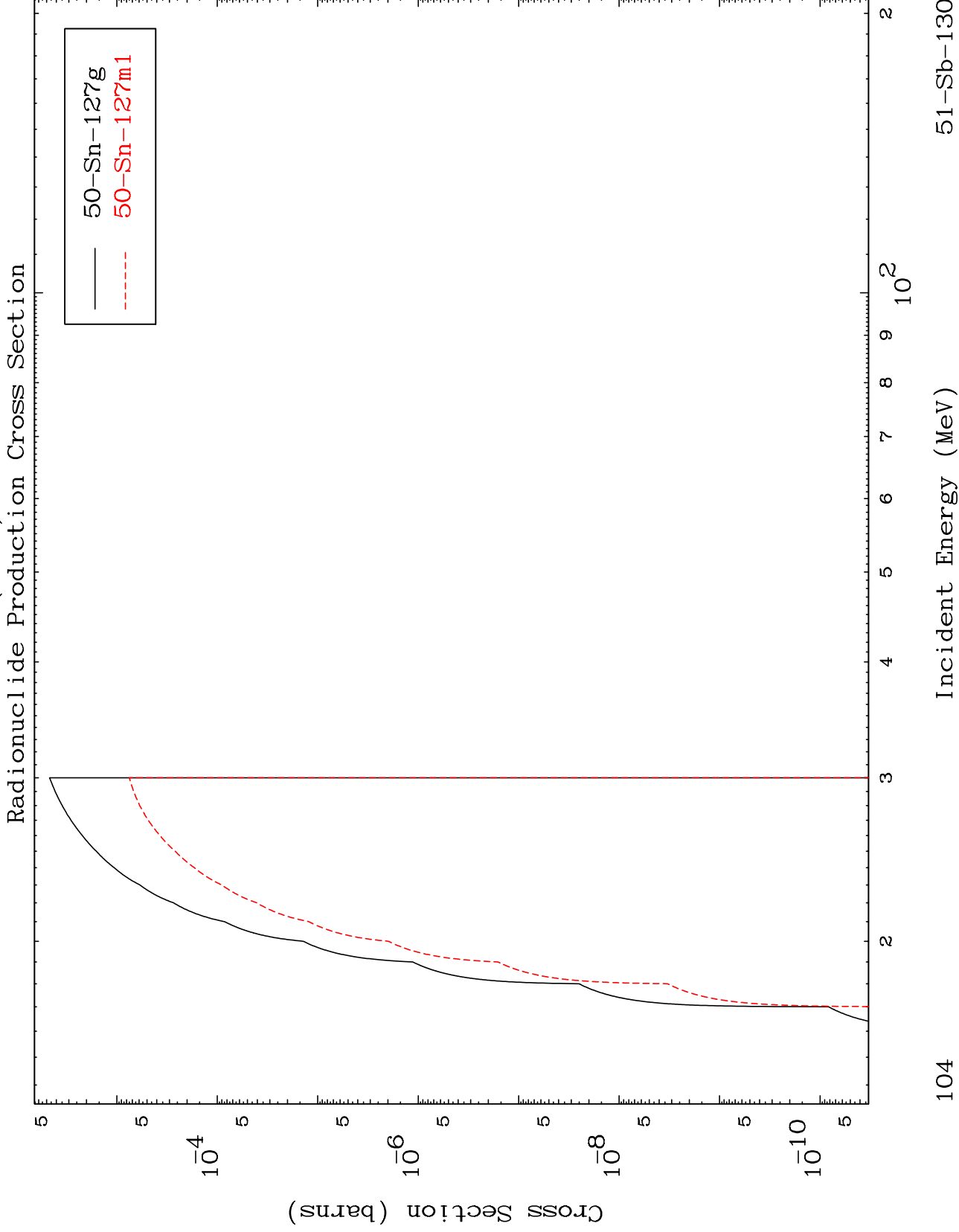
Radionuclide Production Cross Section



MAT 5152

(n,n') t

51-Sb-130

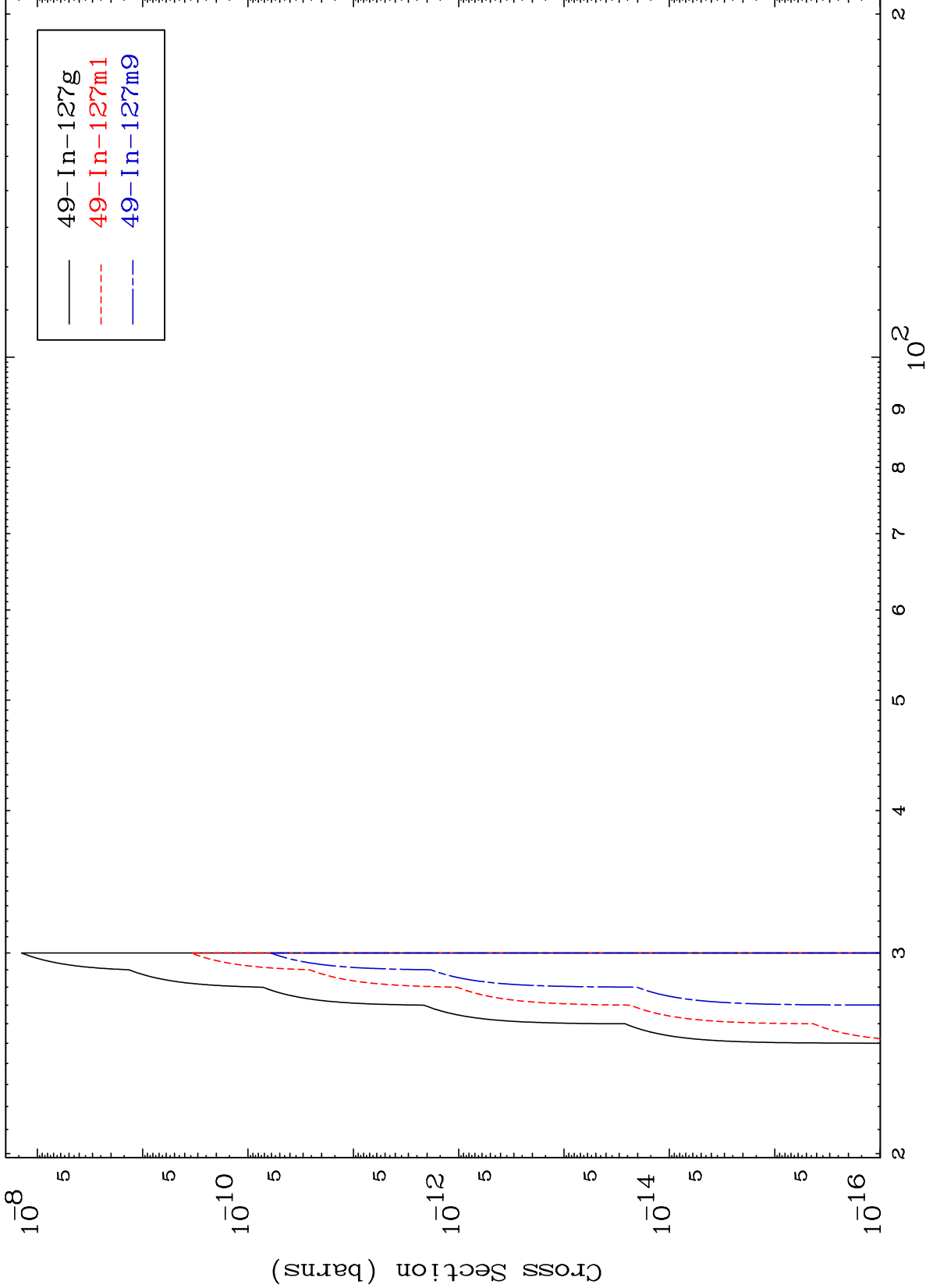


104

Incident Energy (MeV)

51-Sb-130

Radionuclide Production Cross Section

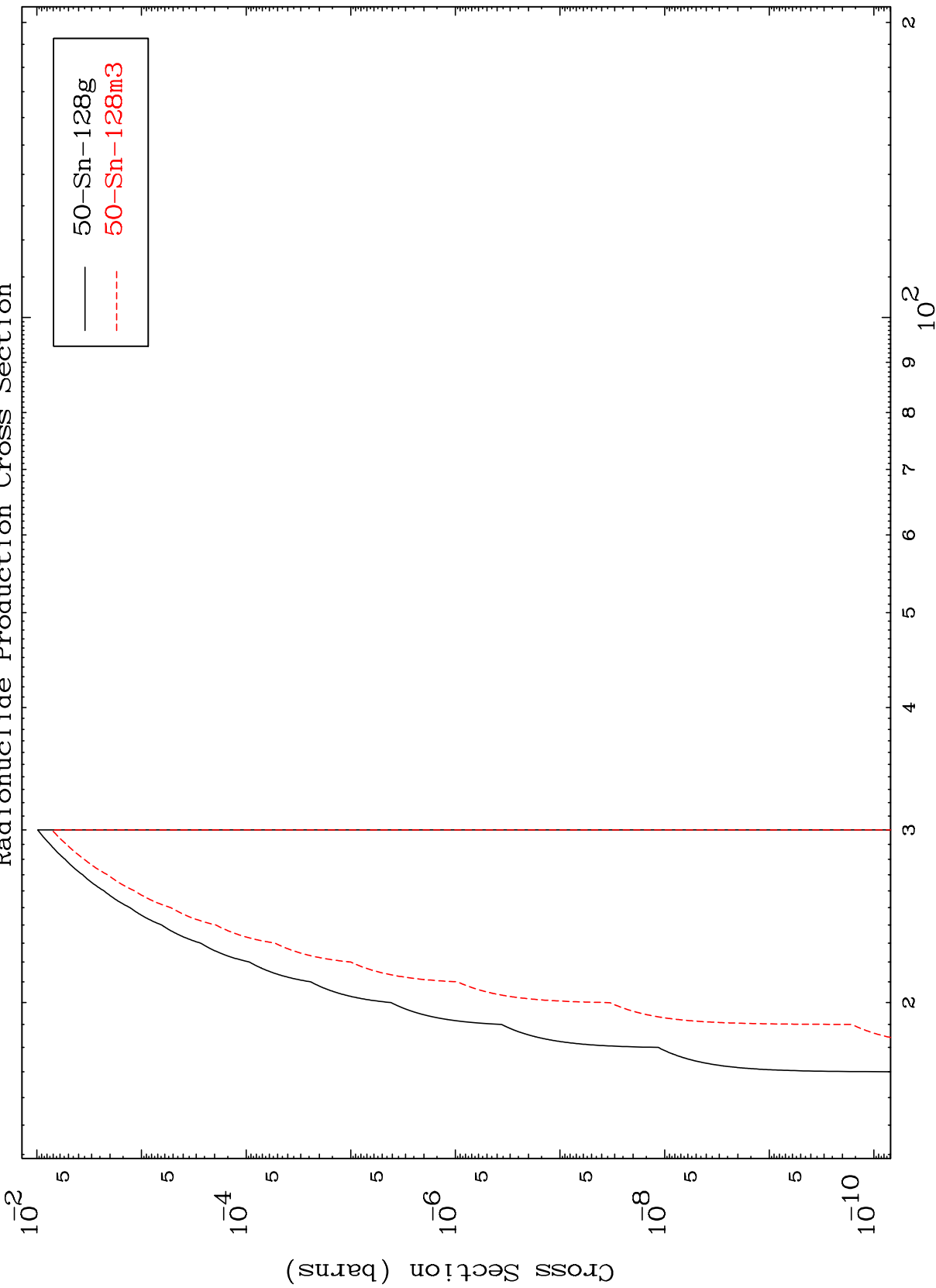


MAT 5152

(n,2n) p

51-Sb-130

Radionuclide Production Cross Section



50-Sn-128g
50-Sn-128m3

106

Incident Energy (MeV)

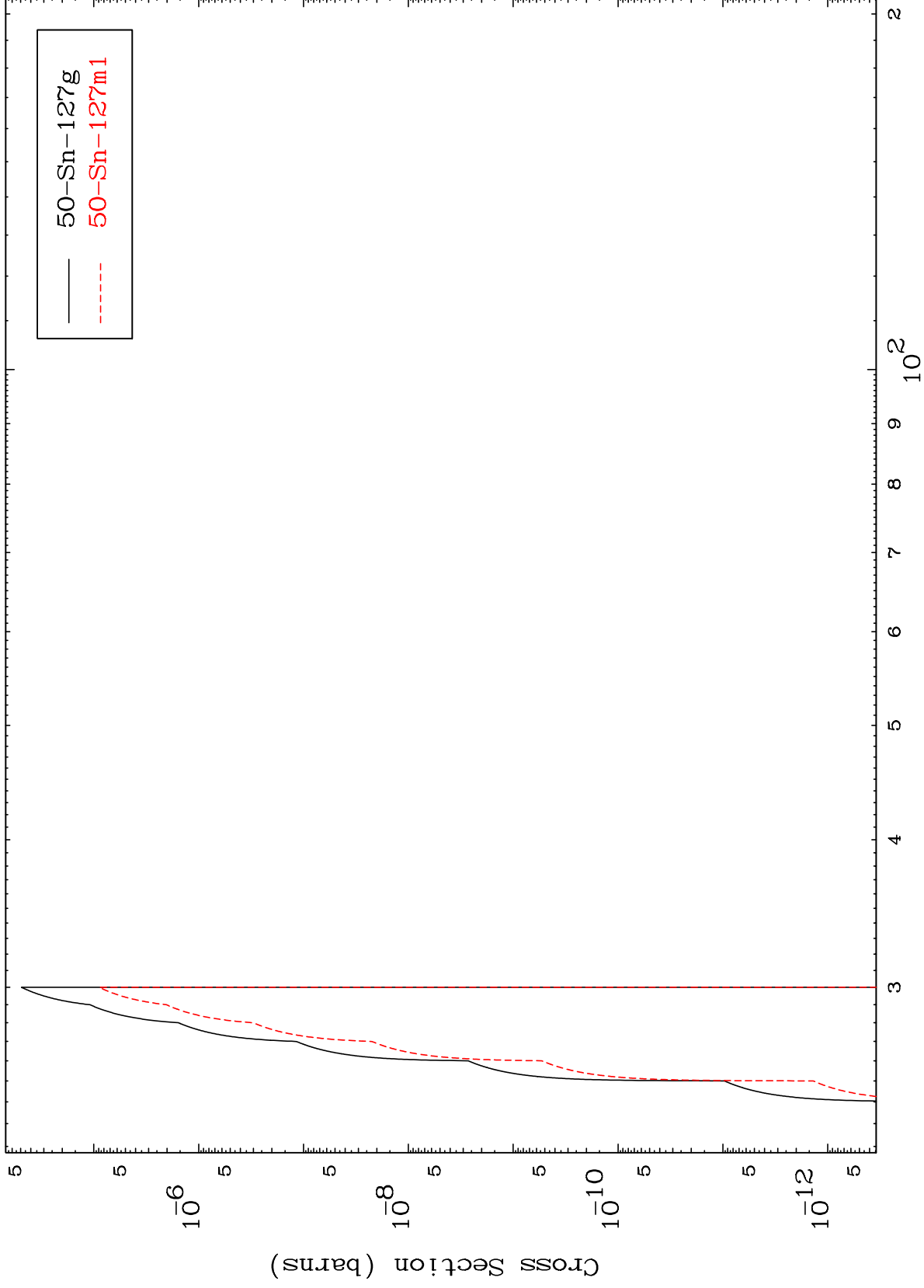
51-Sb-130

MAT 5152

(n,3n) p

51-Sb-130

Radionuclide Production Cross Section



107

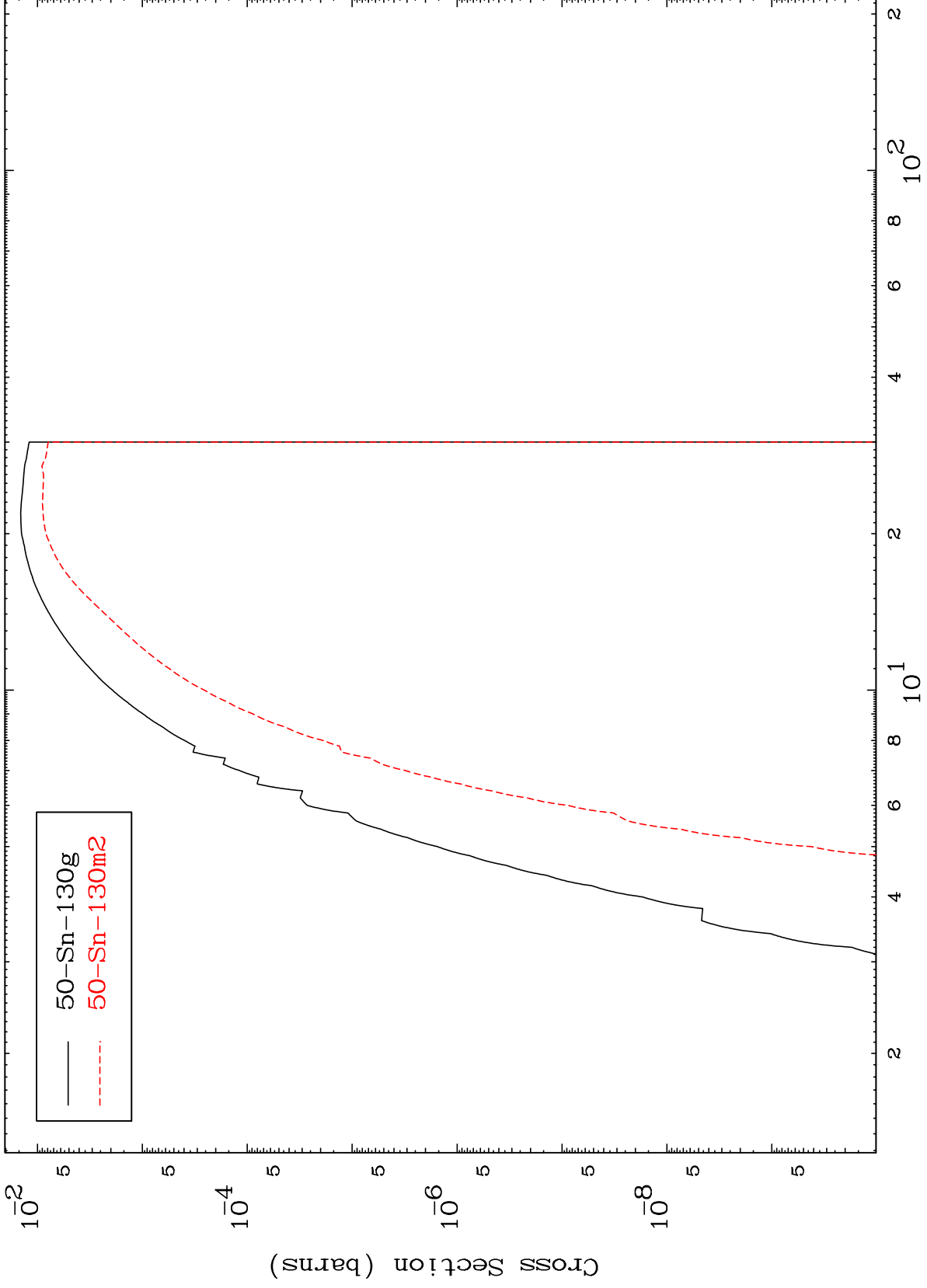
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(n,p)
Radionuclide Production Cross Section



108

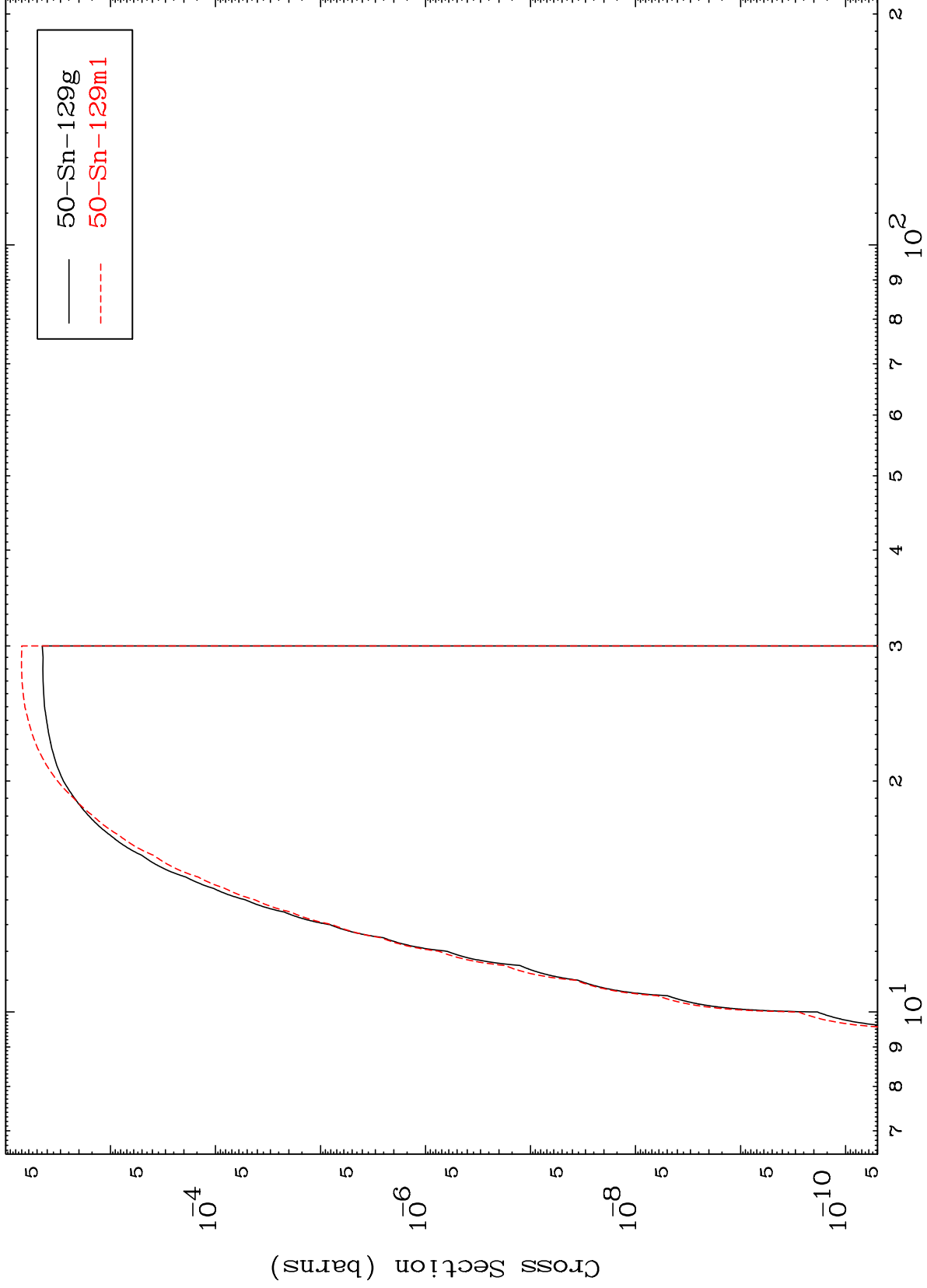
51-Sb-130

Incident Energy (MeV)

MAT 5152

51-Sb-130

(n,d)
Radionuclide Production Cross Section



109

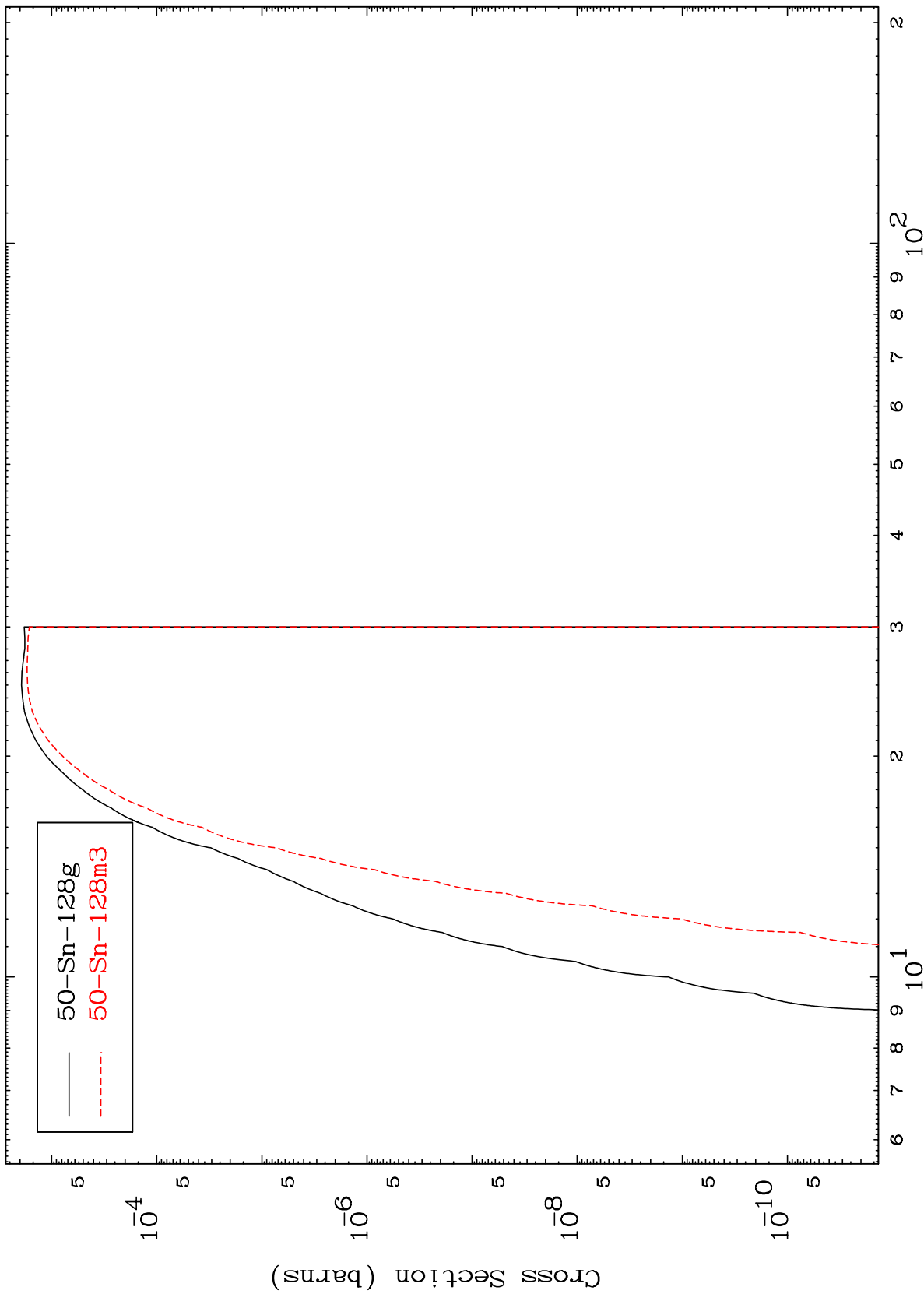
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(n,t)
Radionuclide Production Cross Section



51-Sb-130

Incident Energy (MeV)

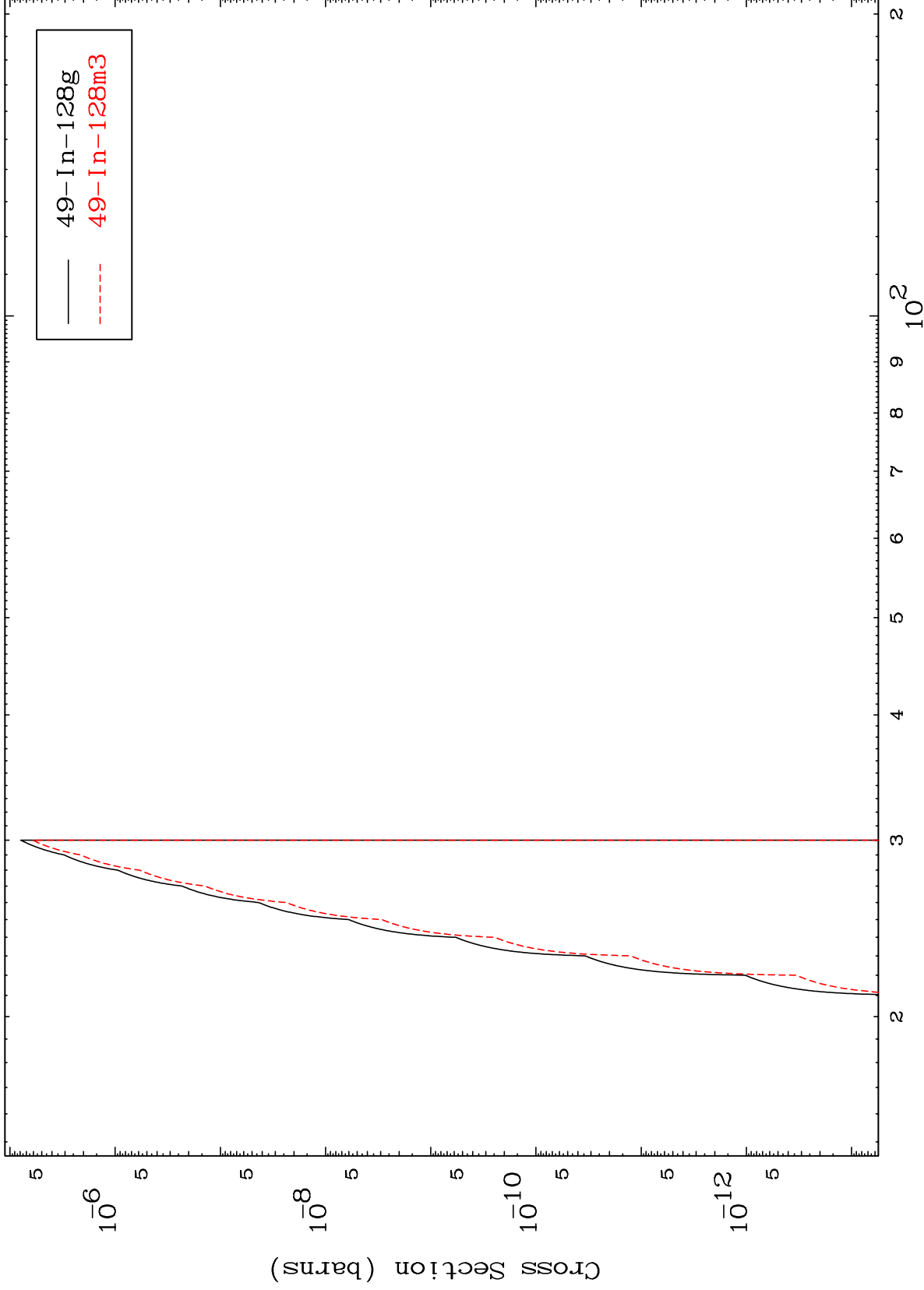
110

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)

