

Program EVALPLOT
(Version 2015-2)

by

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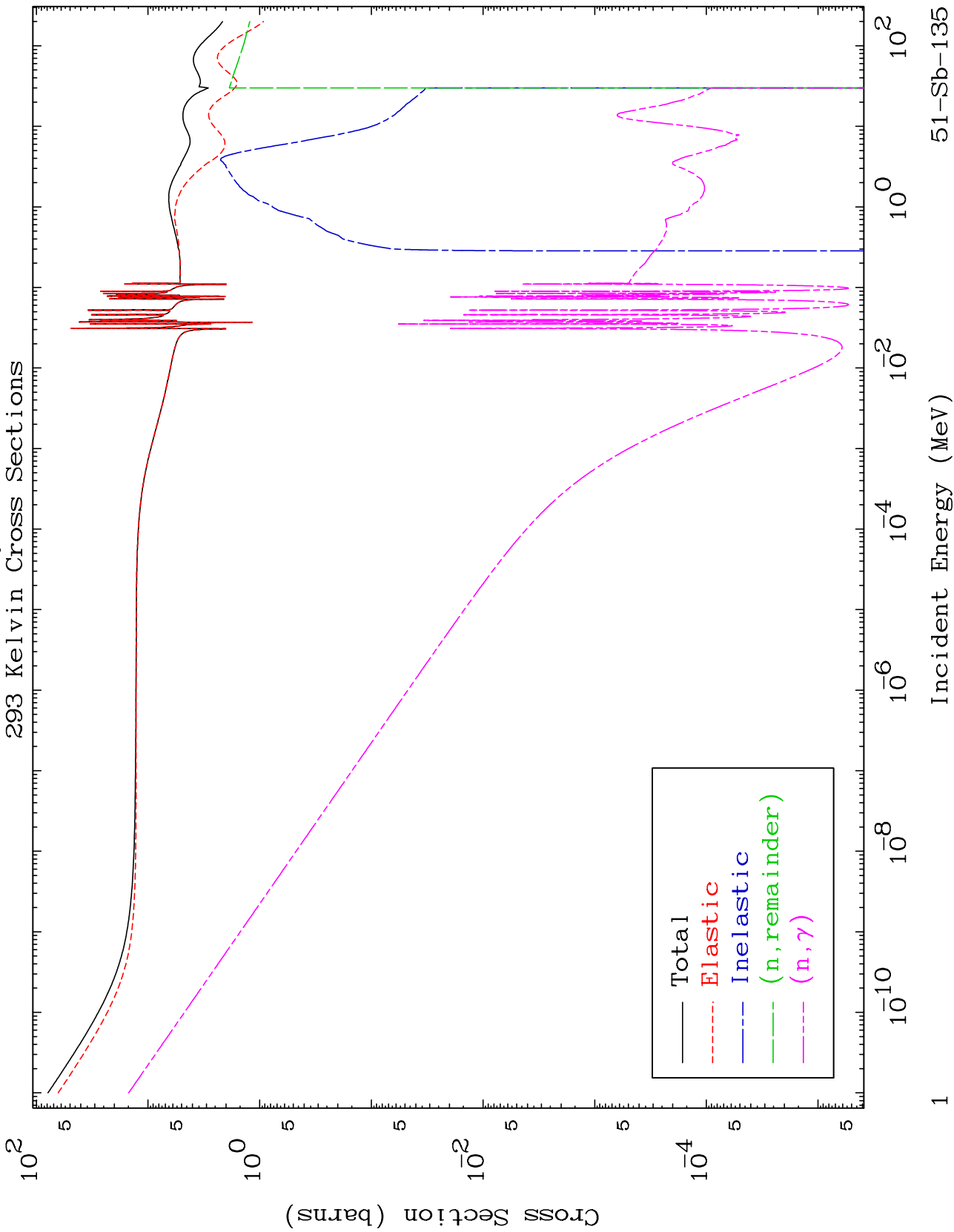
Press Mouse Button to Start

MAT 5167

Major

293 Kelvin Cross Sections

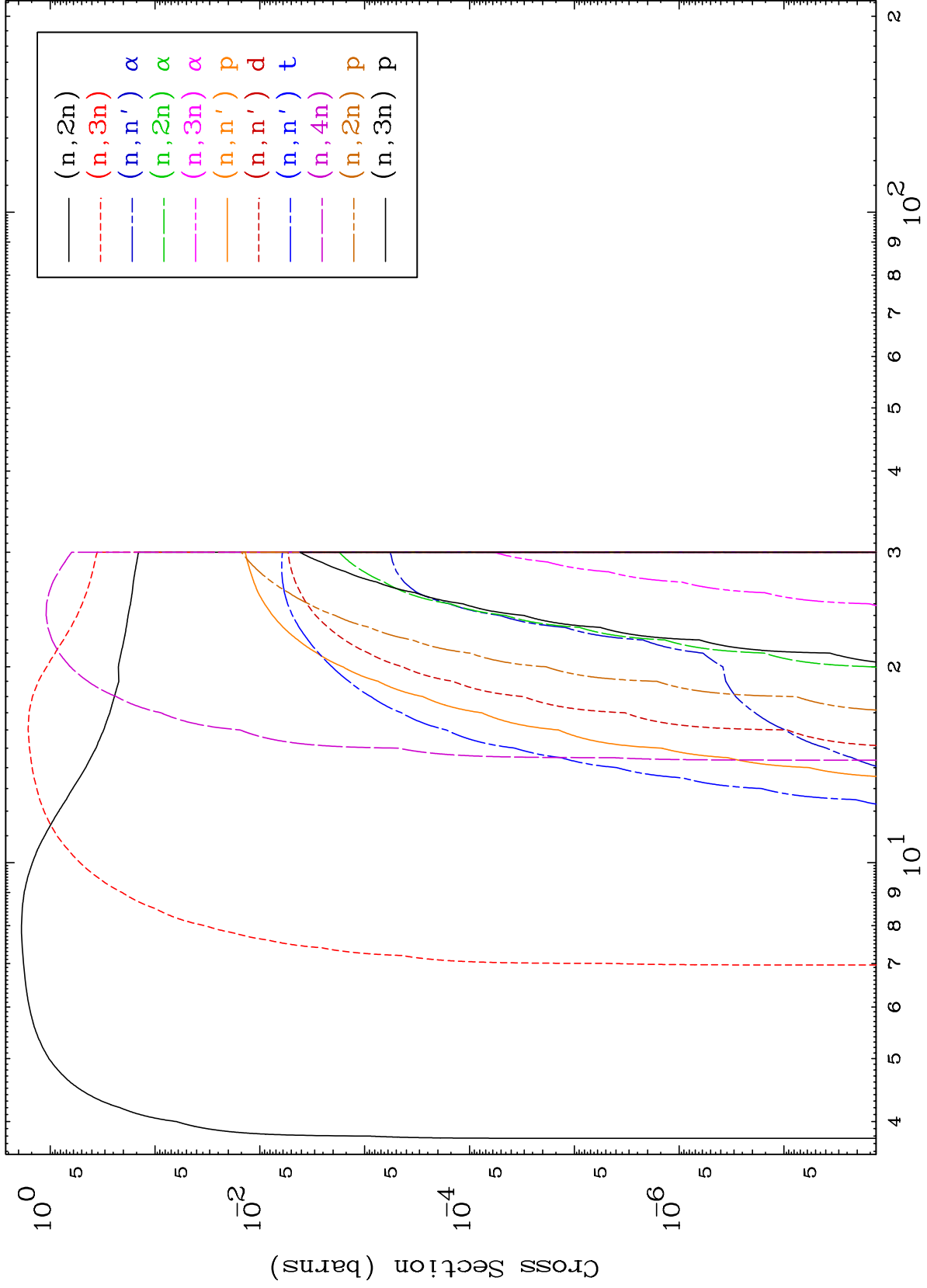
51-Sb-135

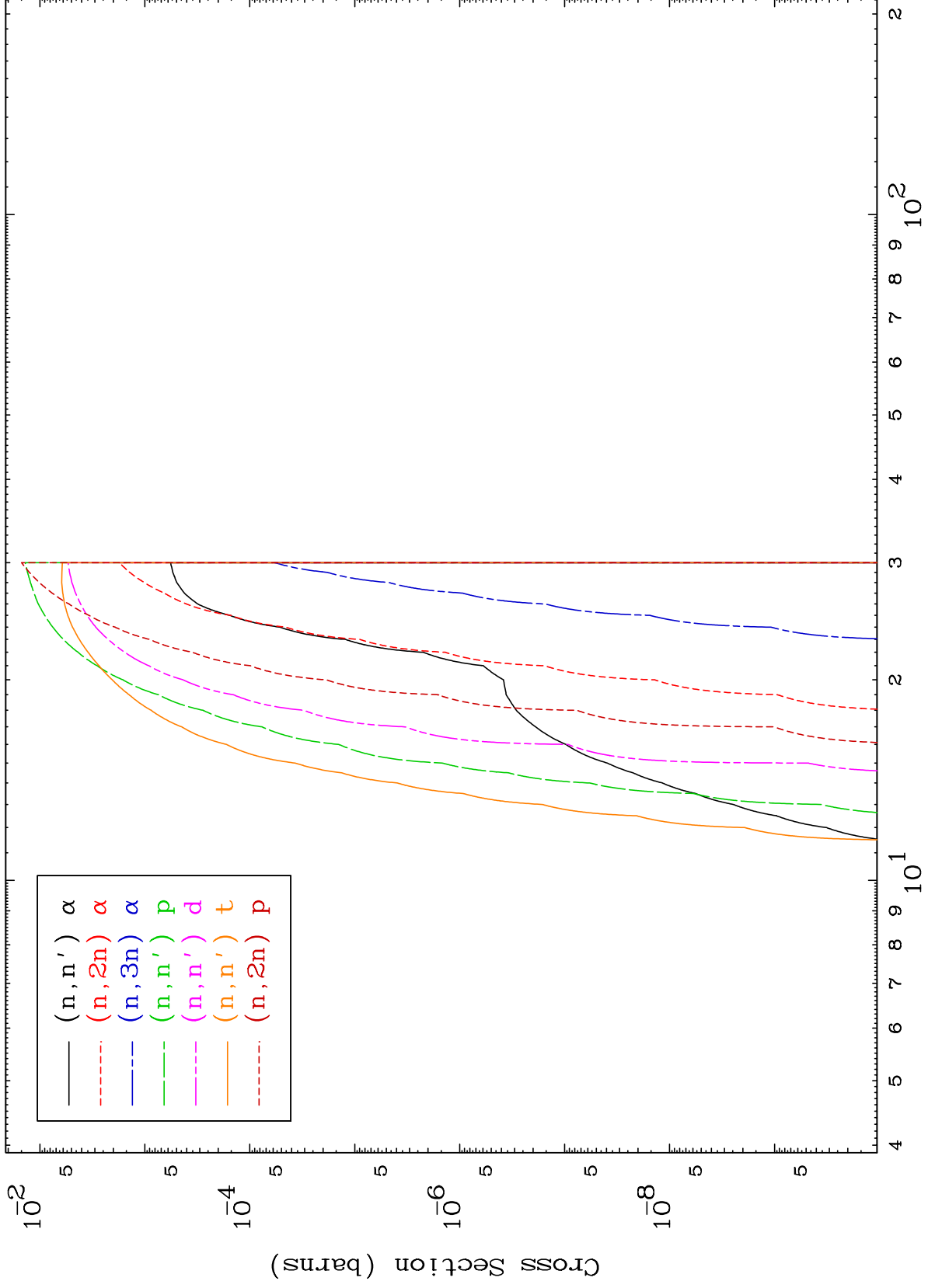


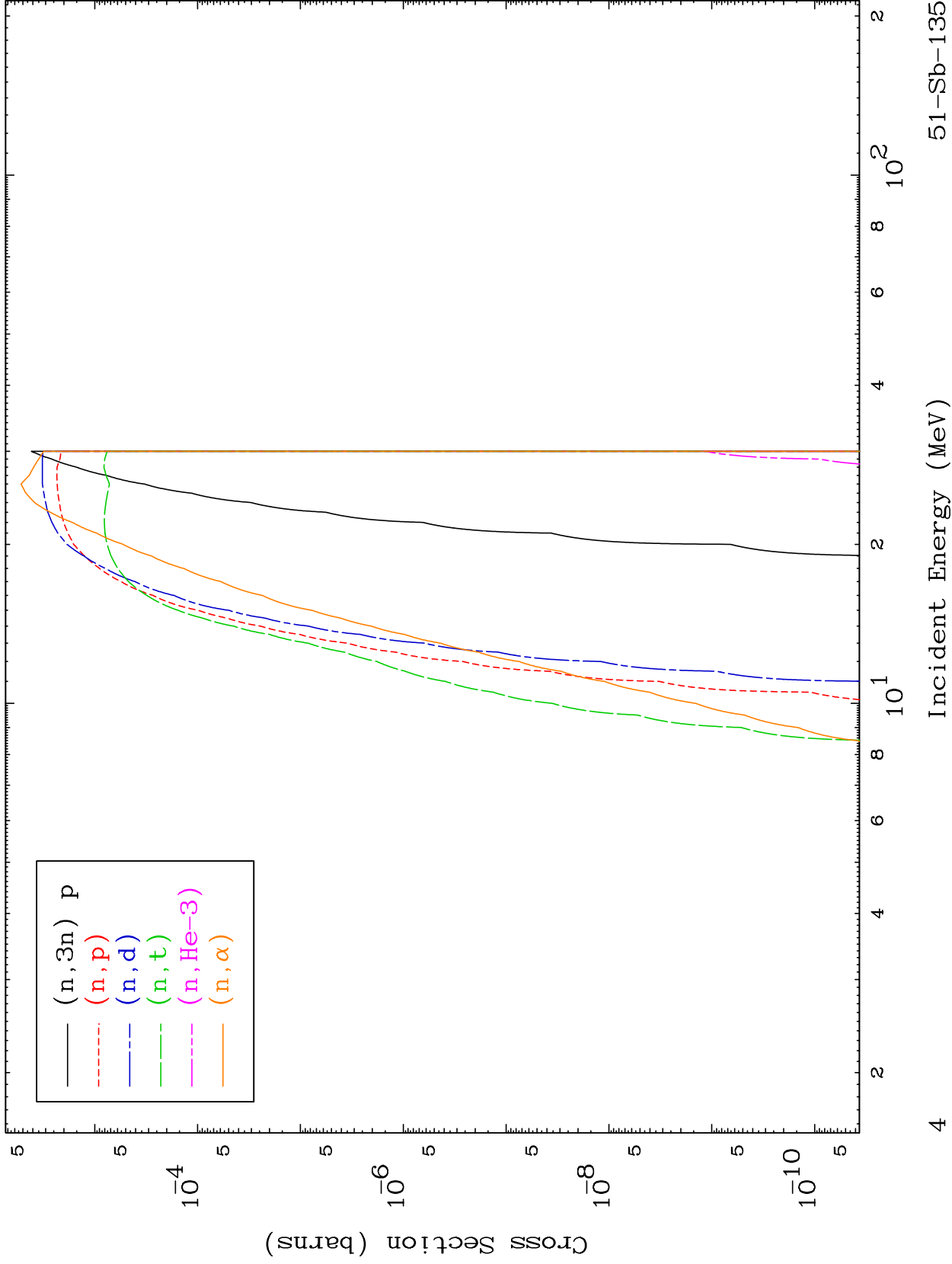
MAT 5167

Neutron Production
293 Kelvin Cross Sections

51-Sb-135



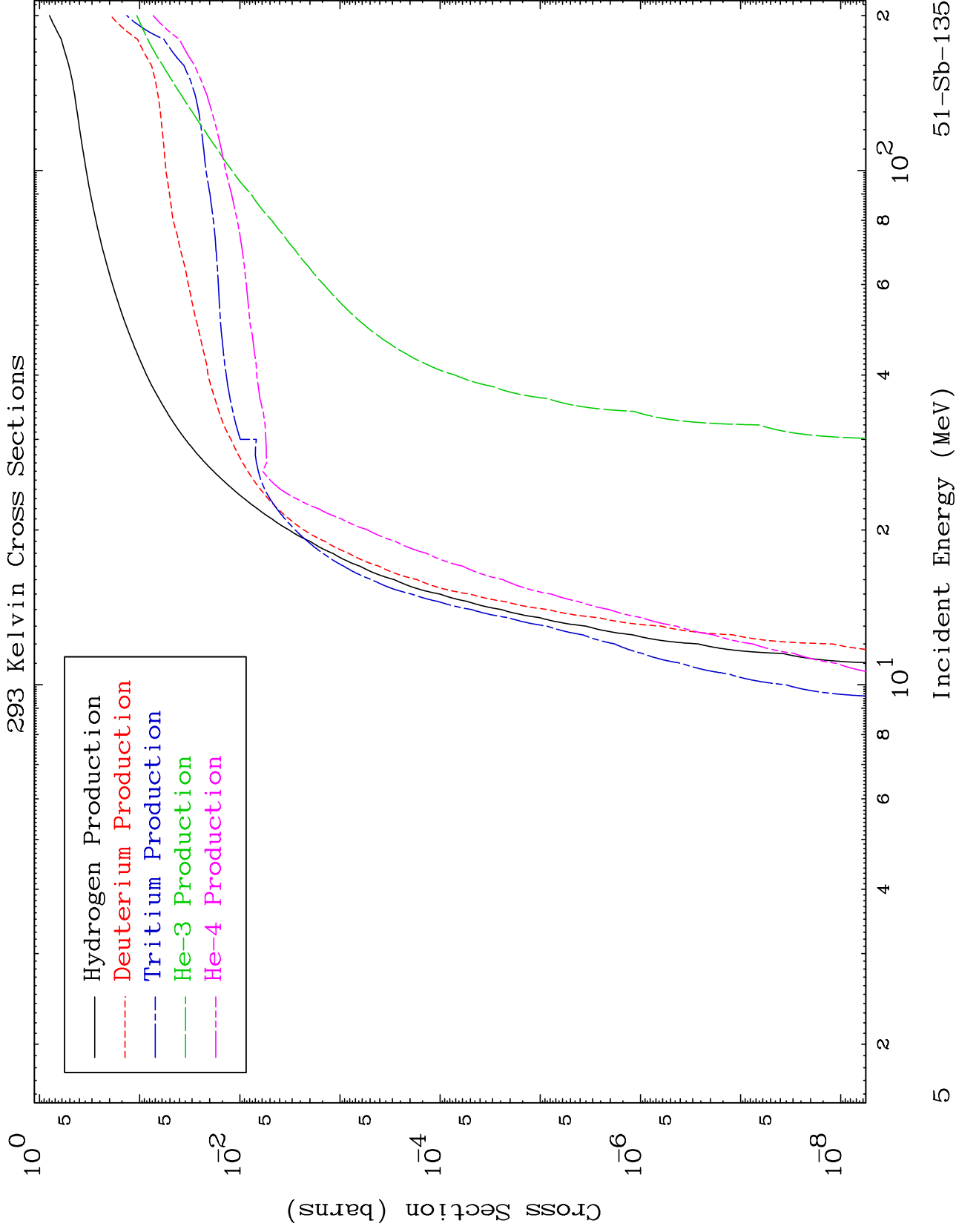




MAT 5167

Particle Production
293 Kelvin Cross Sections

51-Sb-135



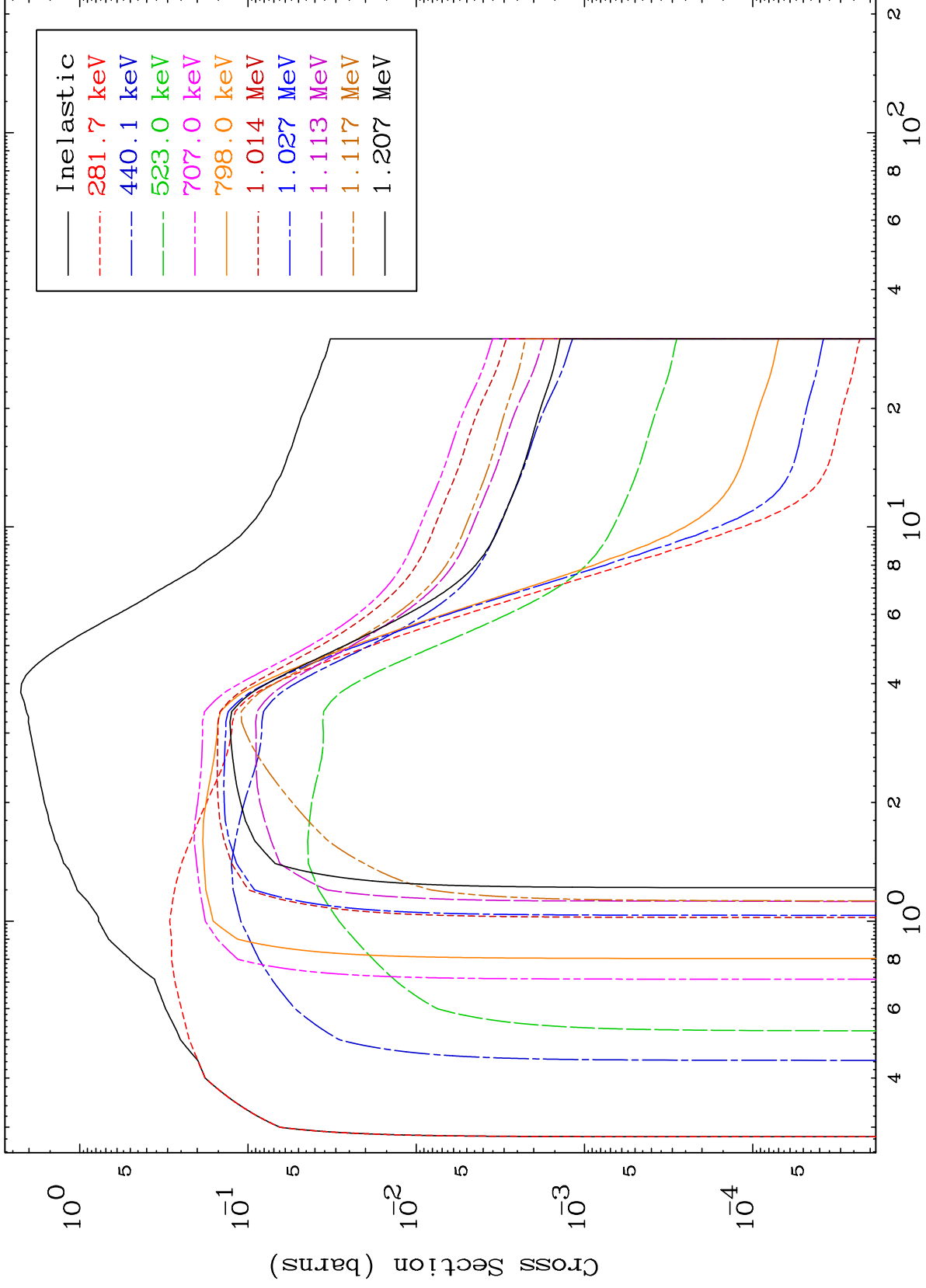
5

51-Sb-135

MAT 5167

(n,n') Level
293 Kelvin Cross Sections

51-Sb-135



6

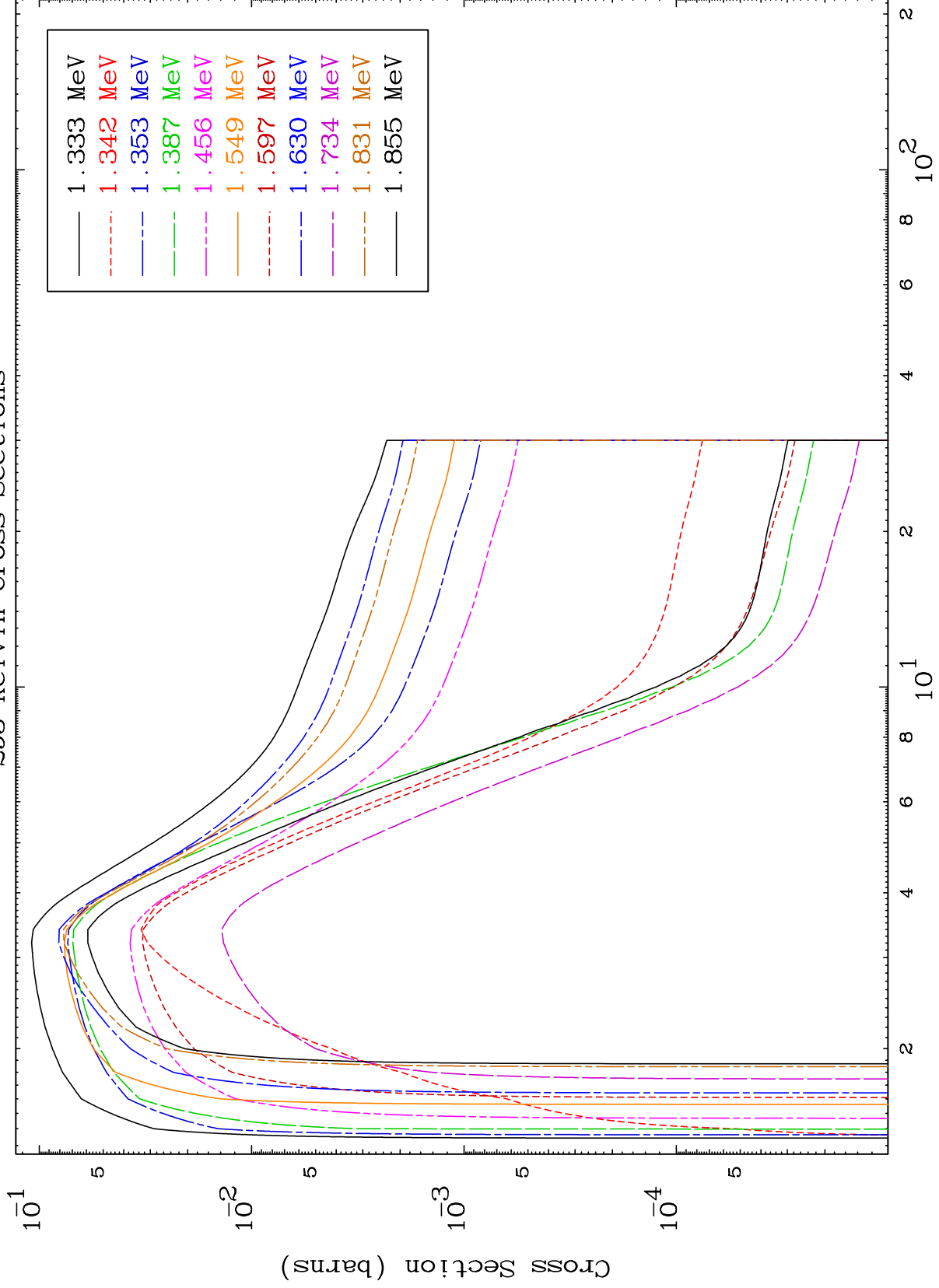
Incident Energy (MeV)

51-Sb-135

MAT 5167

(n,n') Level
293 Kelvin Cross Sections

51-Sb-135



7

Incident Energy (MeV)

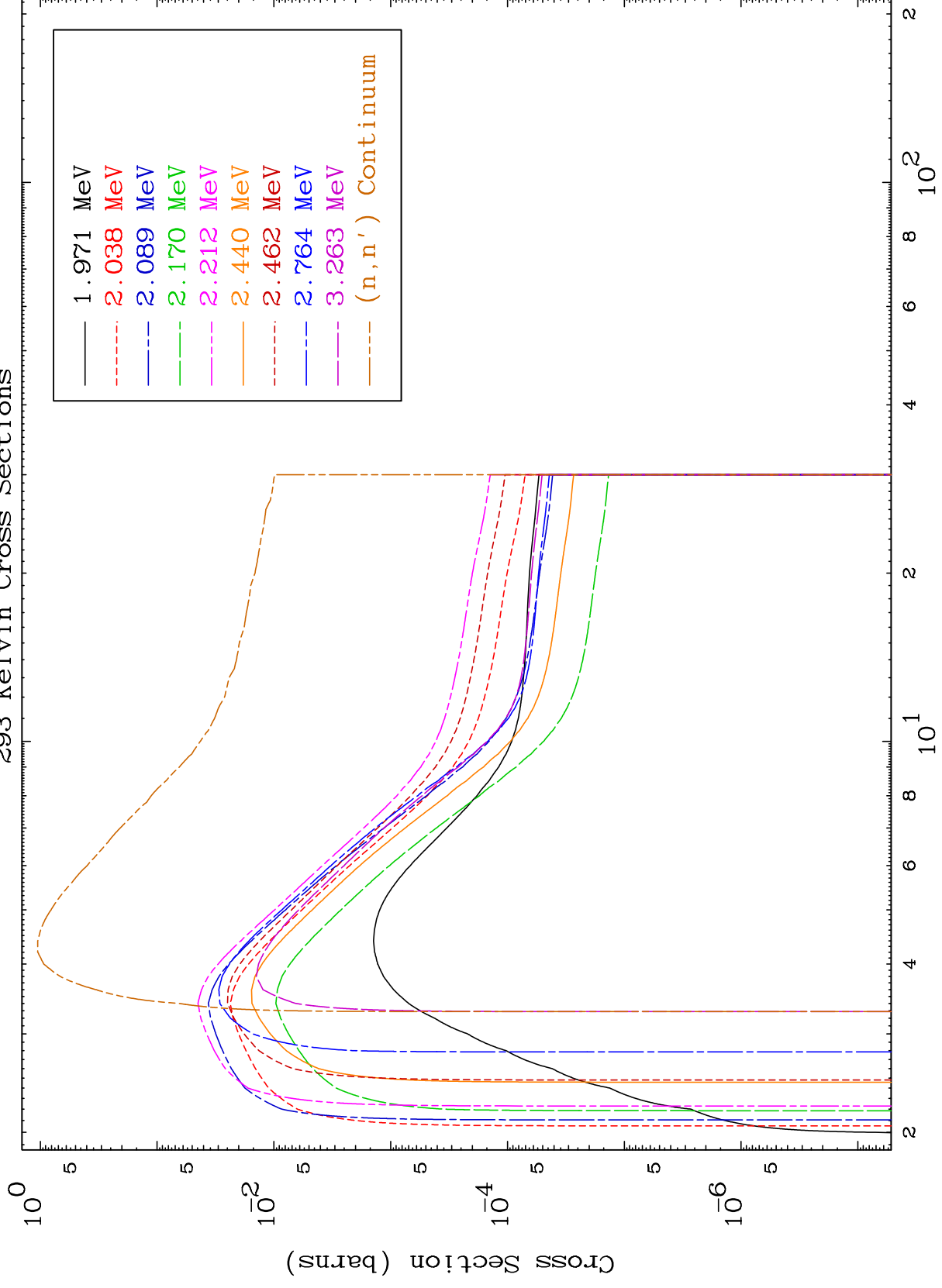
51-Sb-135

MAT 5167

(n,n') Level

51-Sb-135

293 Kelvin Cross Sections



8

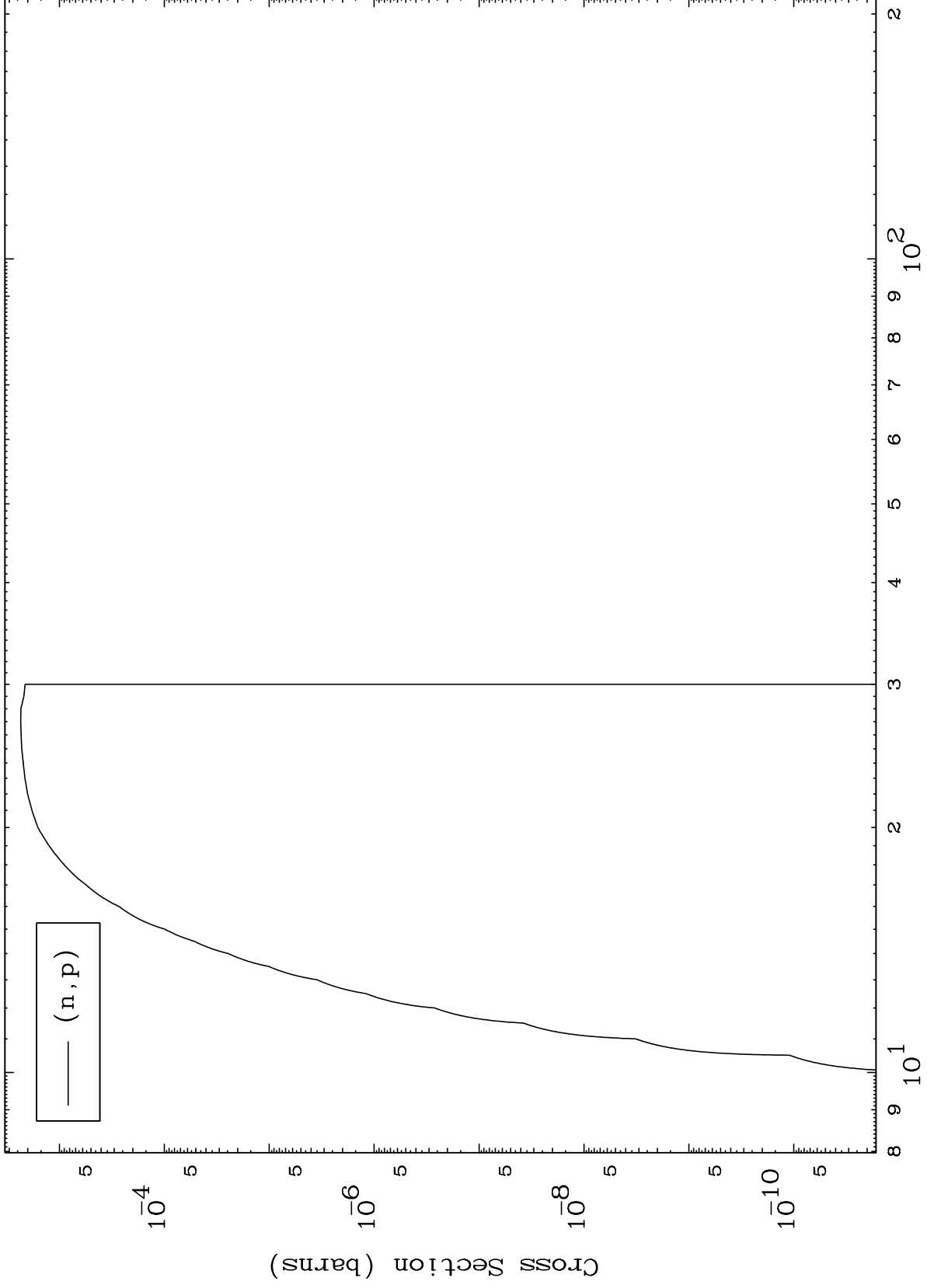
Incident Energy (MeV)

51-Sb-135

MAT 5167

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-135



9

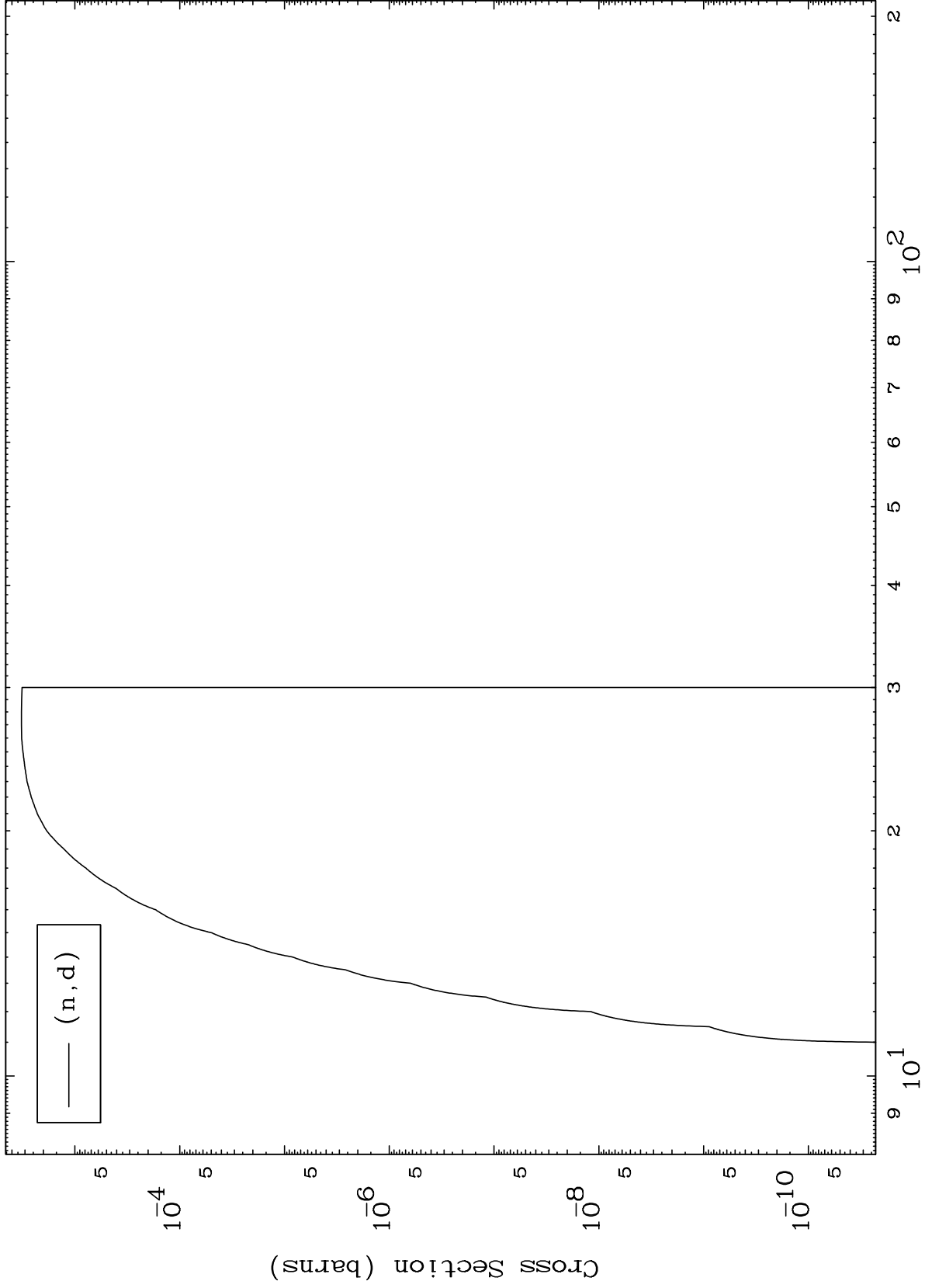
Incident Energy (MeV)

51-Sb-135

MAT 5167

(n,d) Levels
293 Kelvin Cross Sections

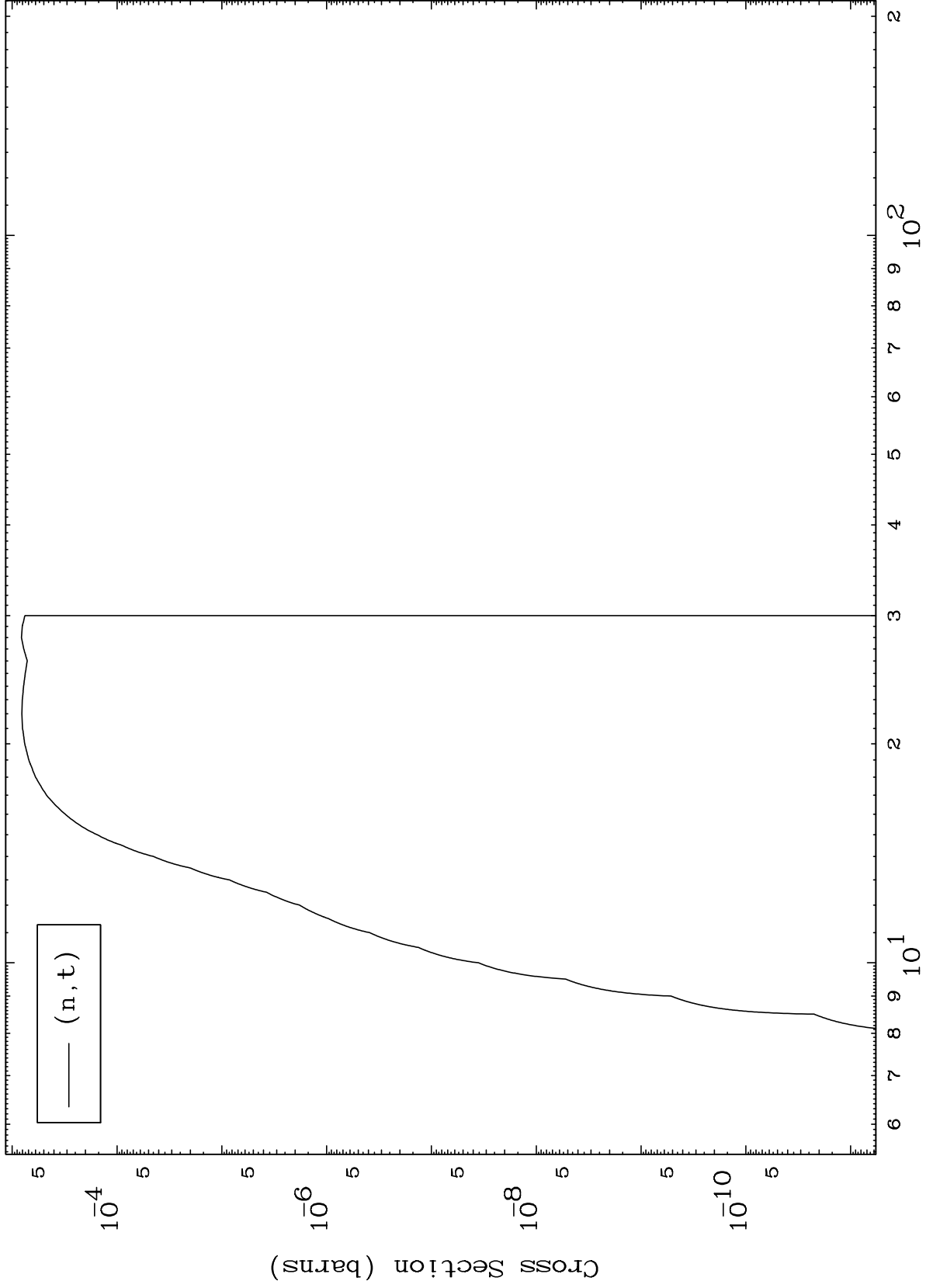
51-Sb-135



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Incident Energy (MeV)

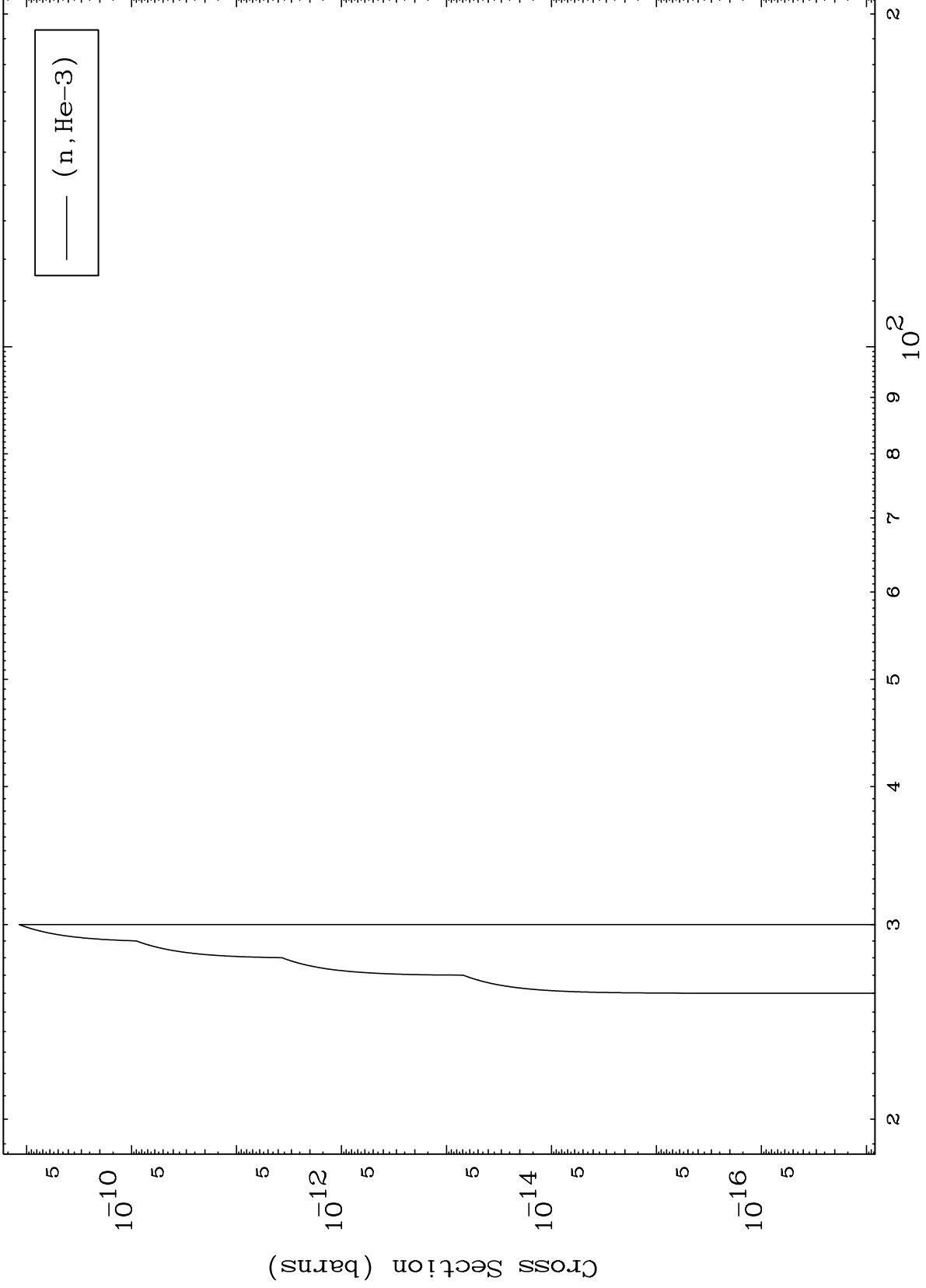
51-Sb-135



MAT 5167

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-135



12

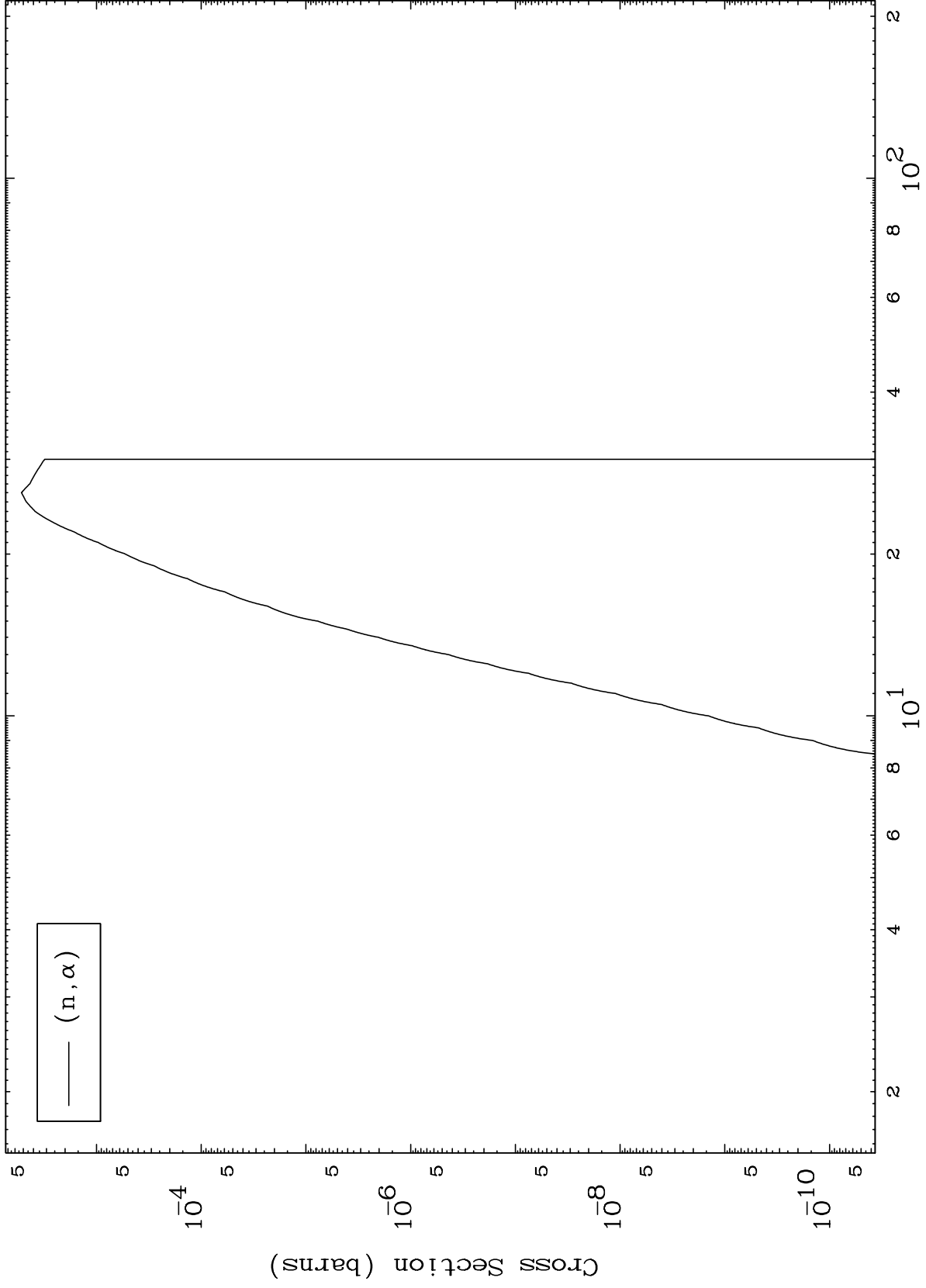
Incident Energy (MeV)

51-Sb-135

MAT 5167

(n,α) Levels
293 Kelvin Cross Sections

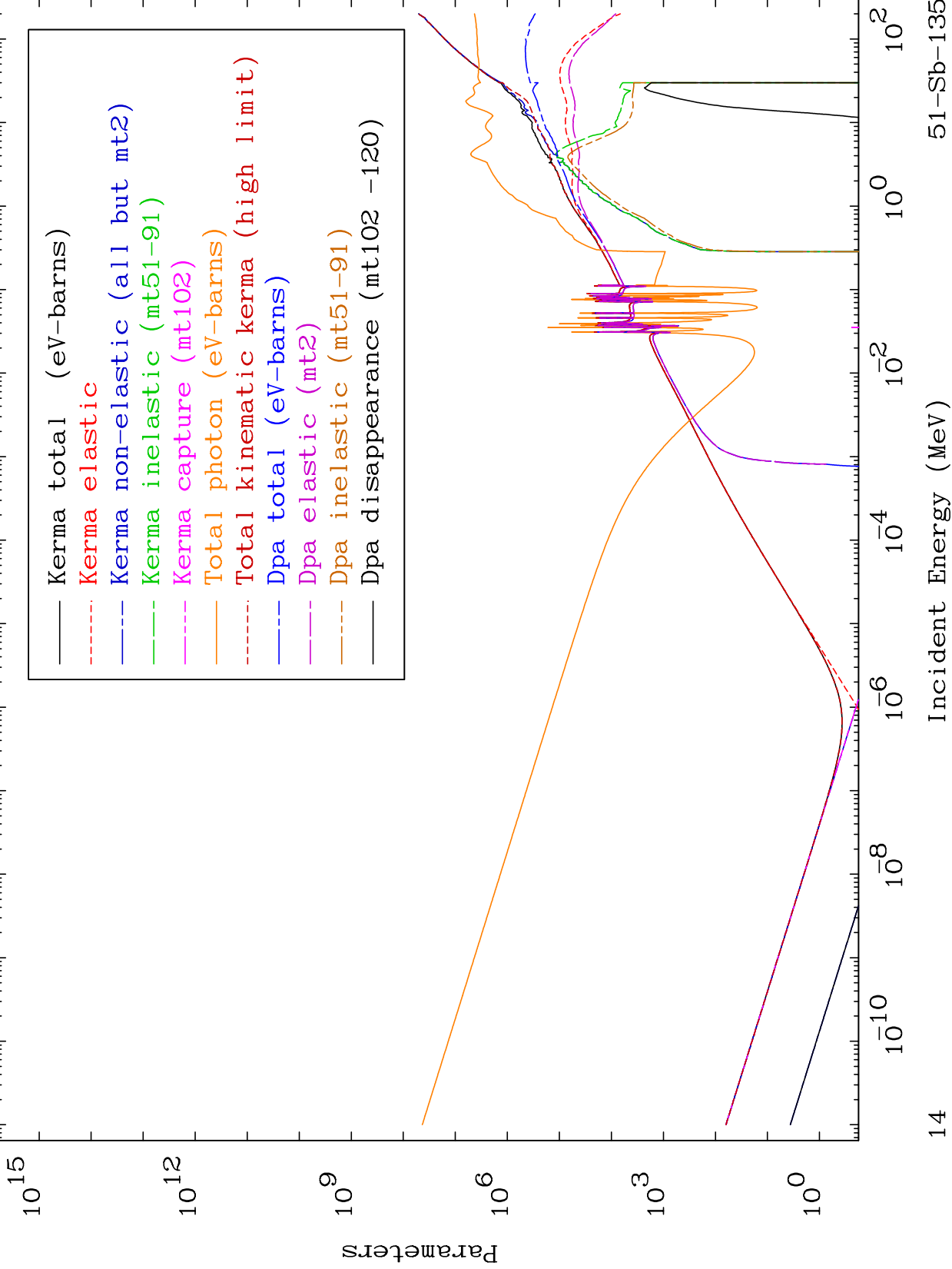
51-Sb-135



13

Incident Energy (MeV)

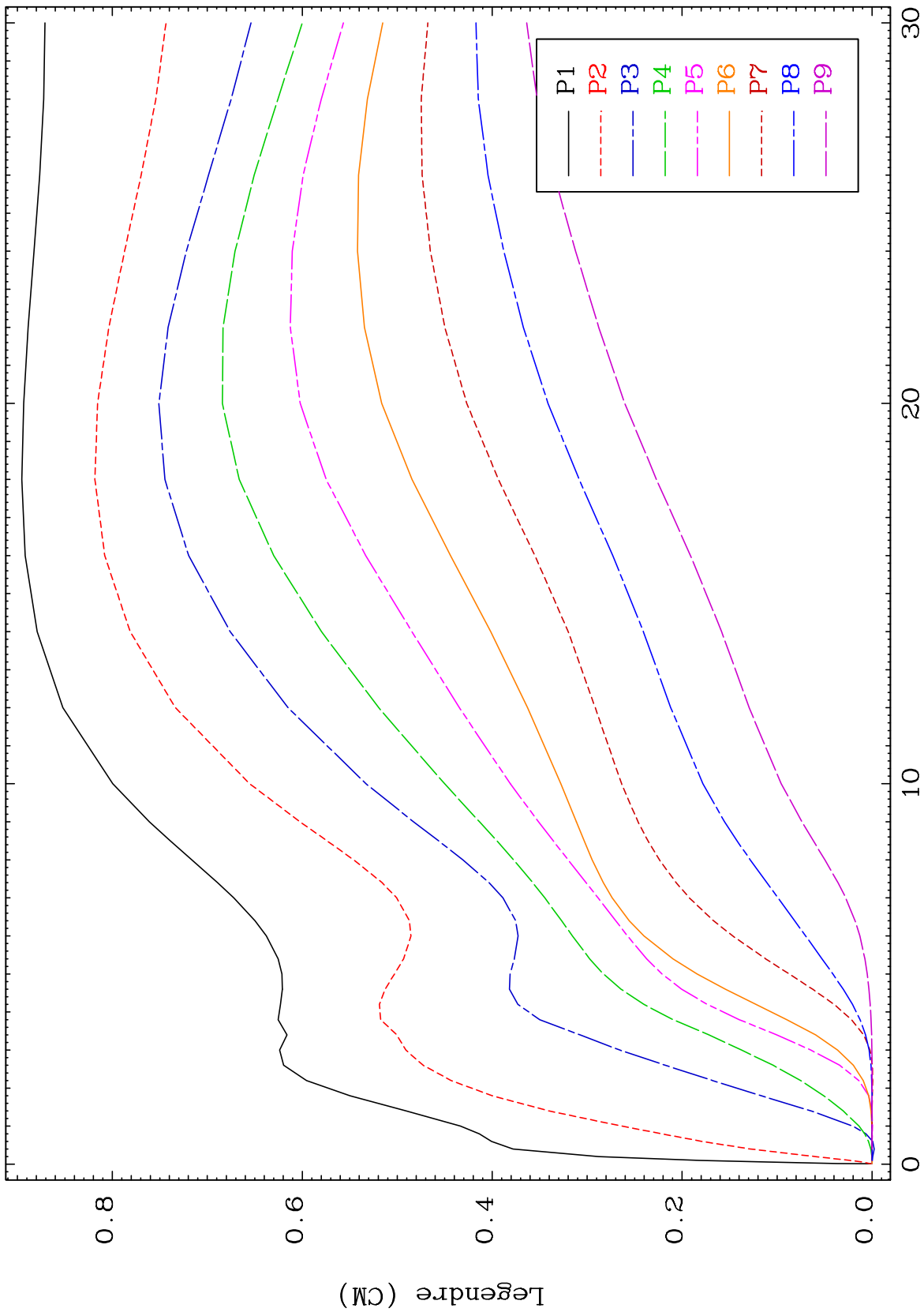
51-Sb-135



MAT 5167

51-Sb-135

Elastic Legendre Coefficients



15

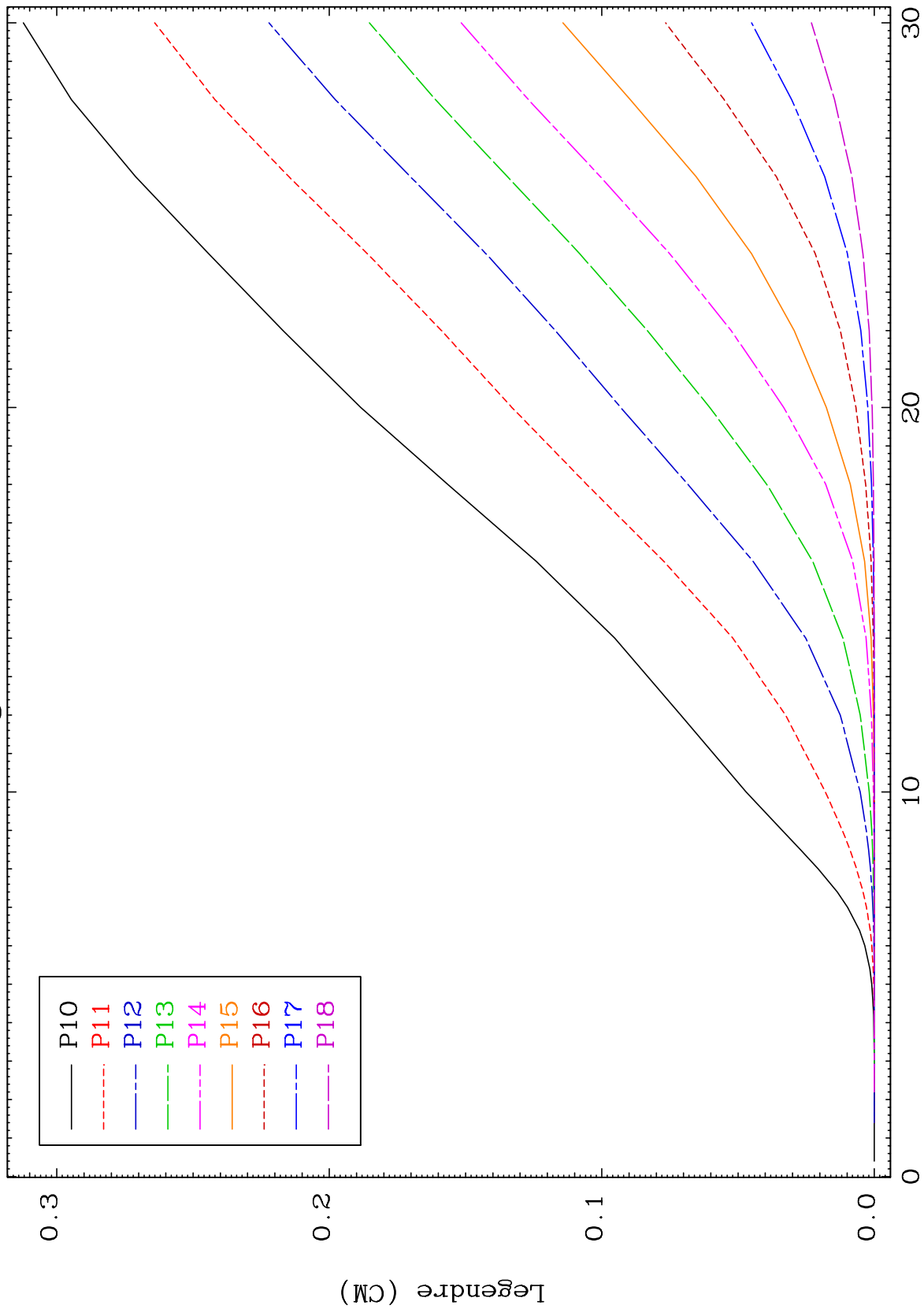
Incident Energy (MeV)

51-Sb-135

MAT 5167

Elastic Legendre Coefficients

51-Sb-135



16

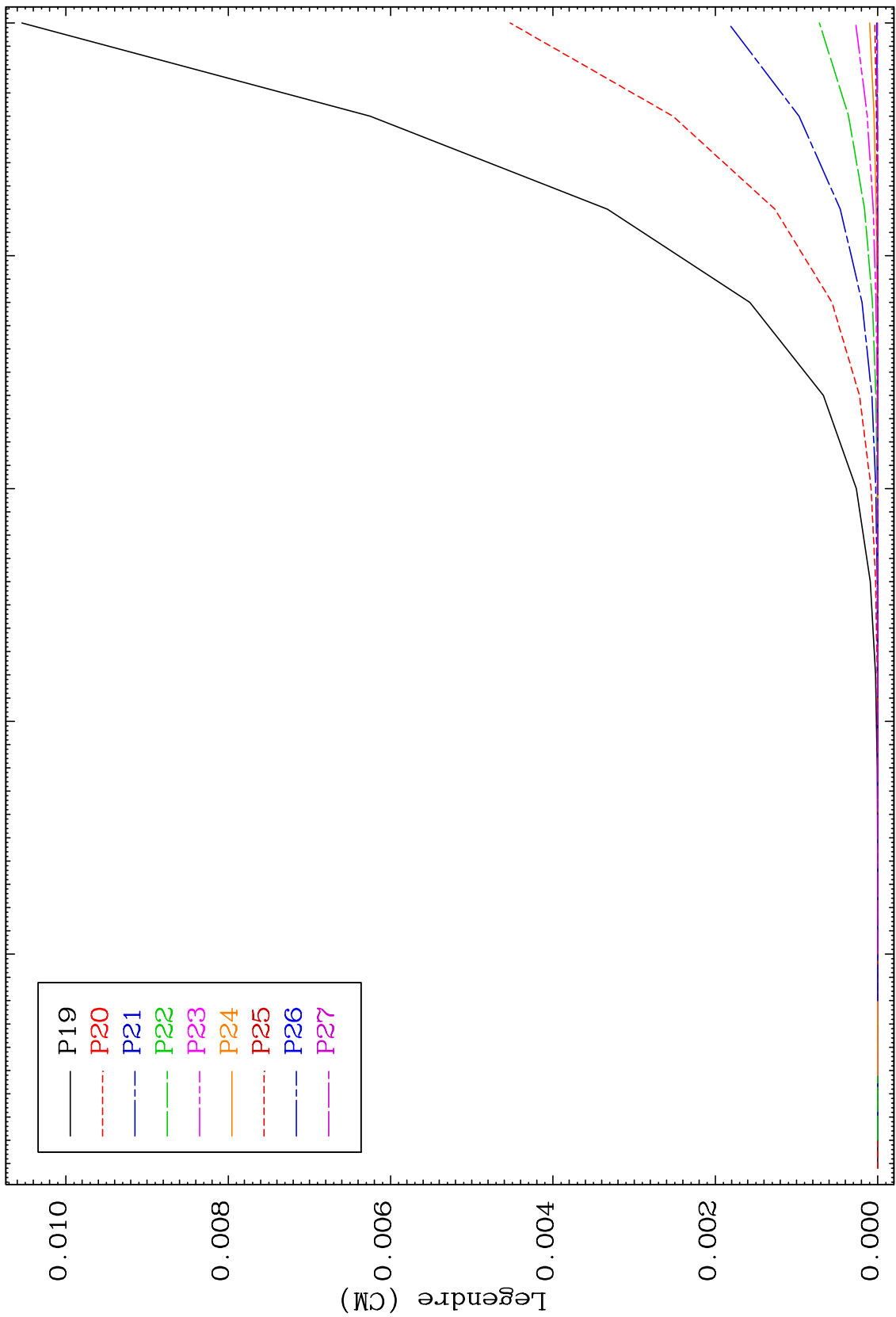
Incident Energy (MeV)

51-Sb-135

MAT 5167

Elastic Legendre Coefficients

51-Sb-135



17

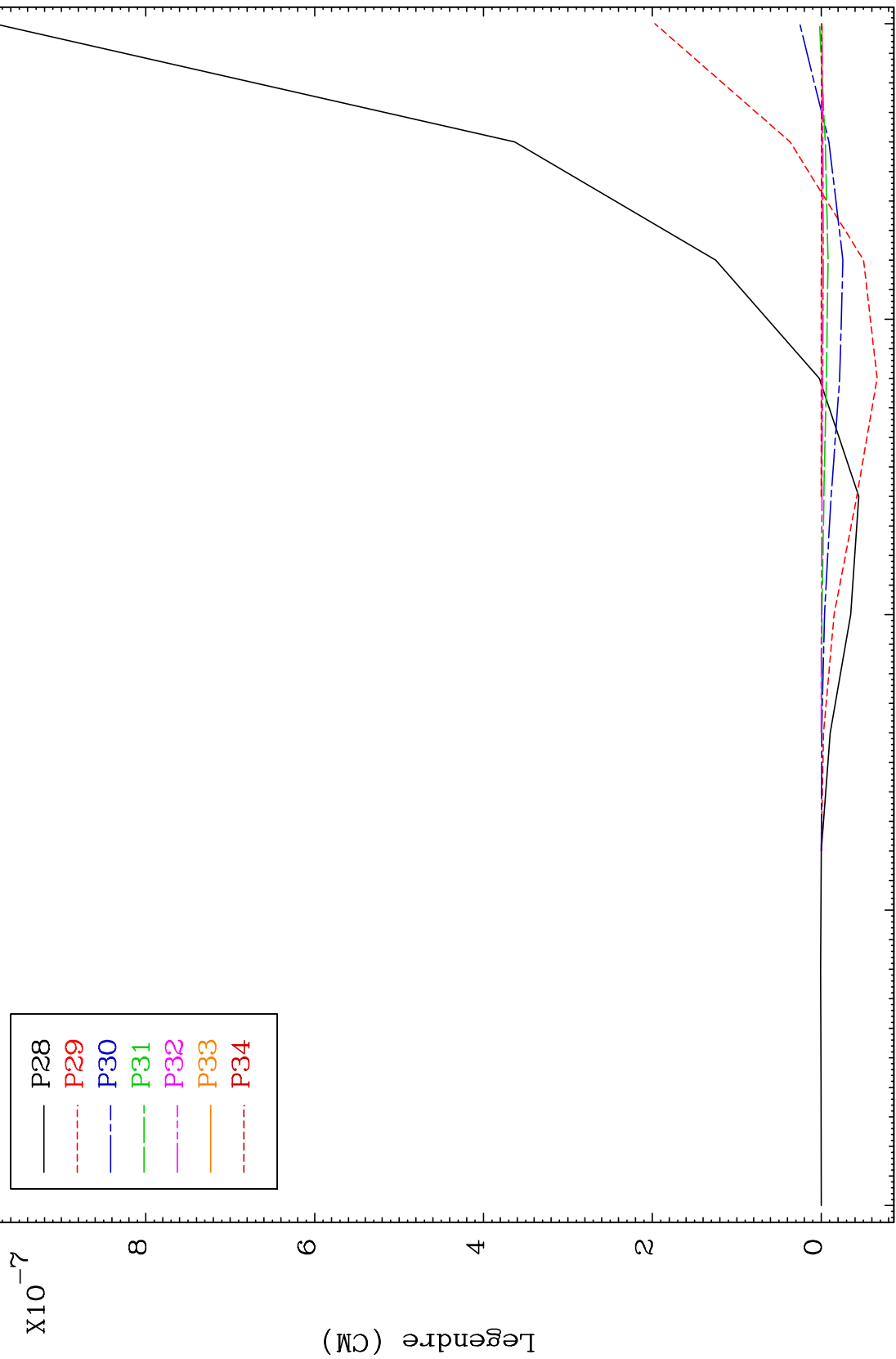
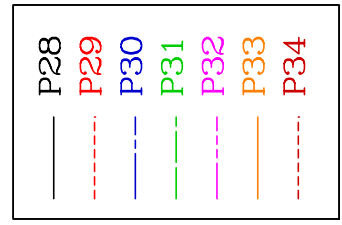
Incident Energy (MeV)

51-Sb-135

MAT 5167

Elastic Legendre Coefficients

51-Sb-135



18

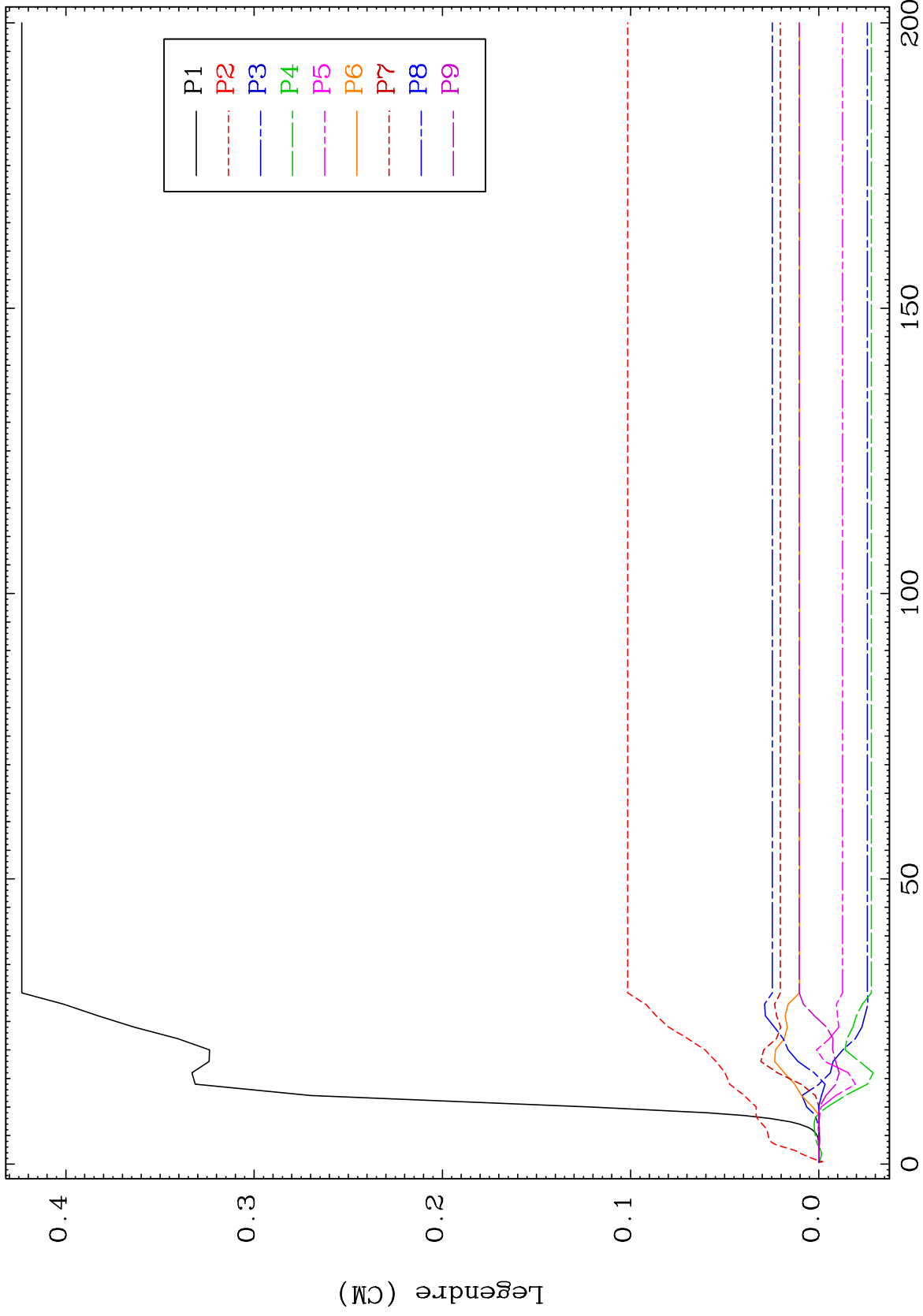
Incident Energy (MeV)

51-Sb-135

MAT 5167

281.7 keV (n,n') Level
Legendre Coefficients

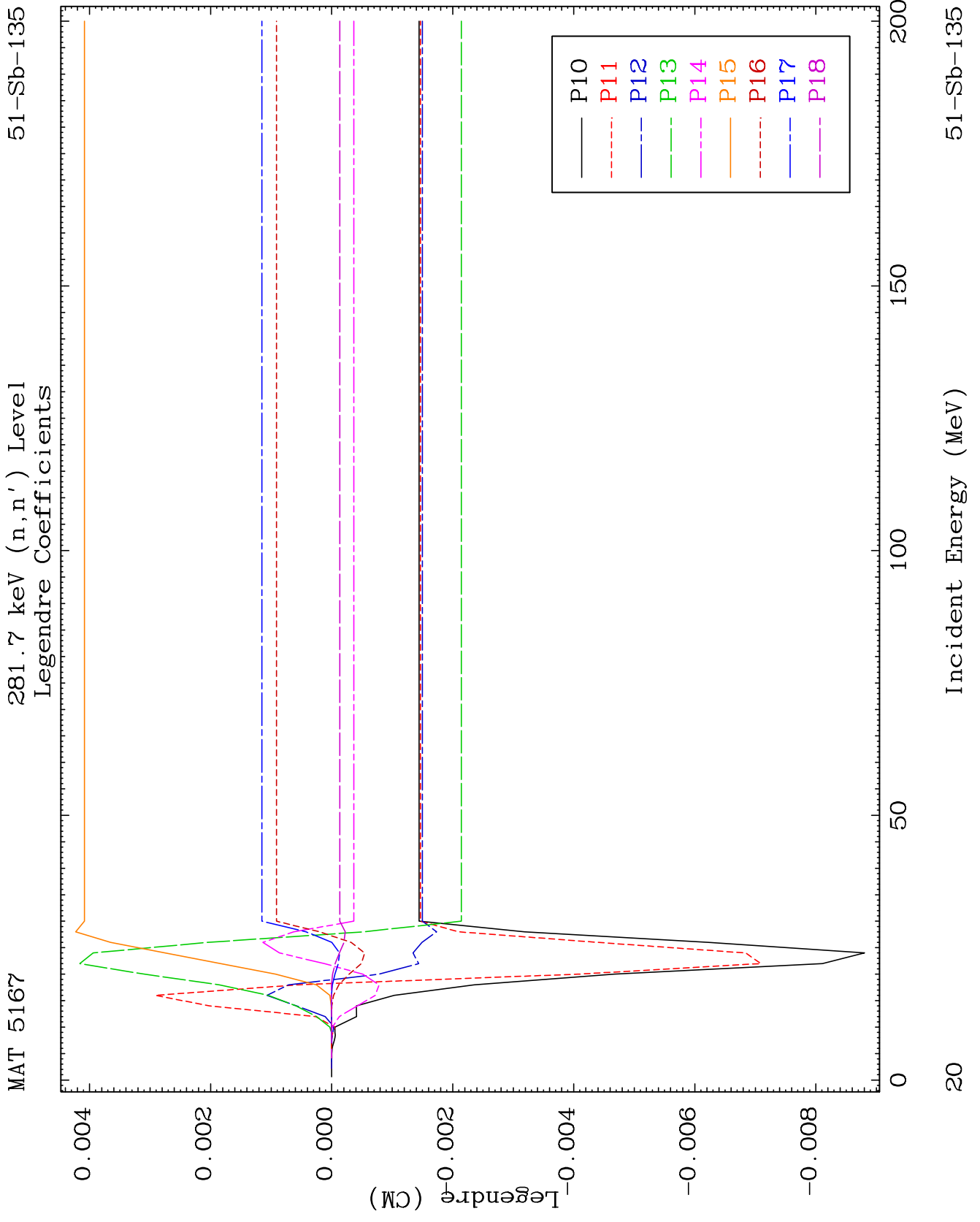
51-Sb-135

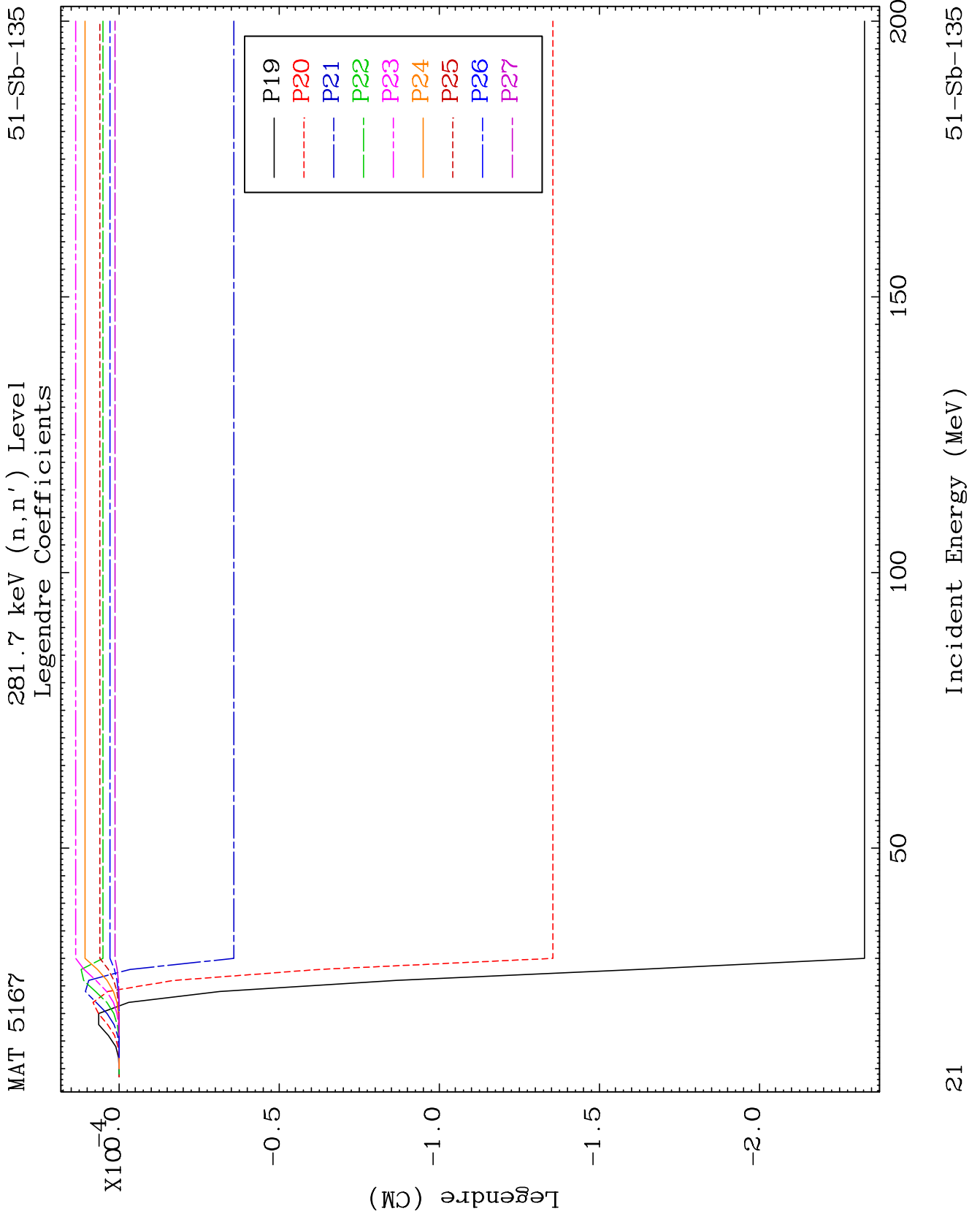


19

Incident Energy (MeV)

51-Sb-135

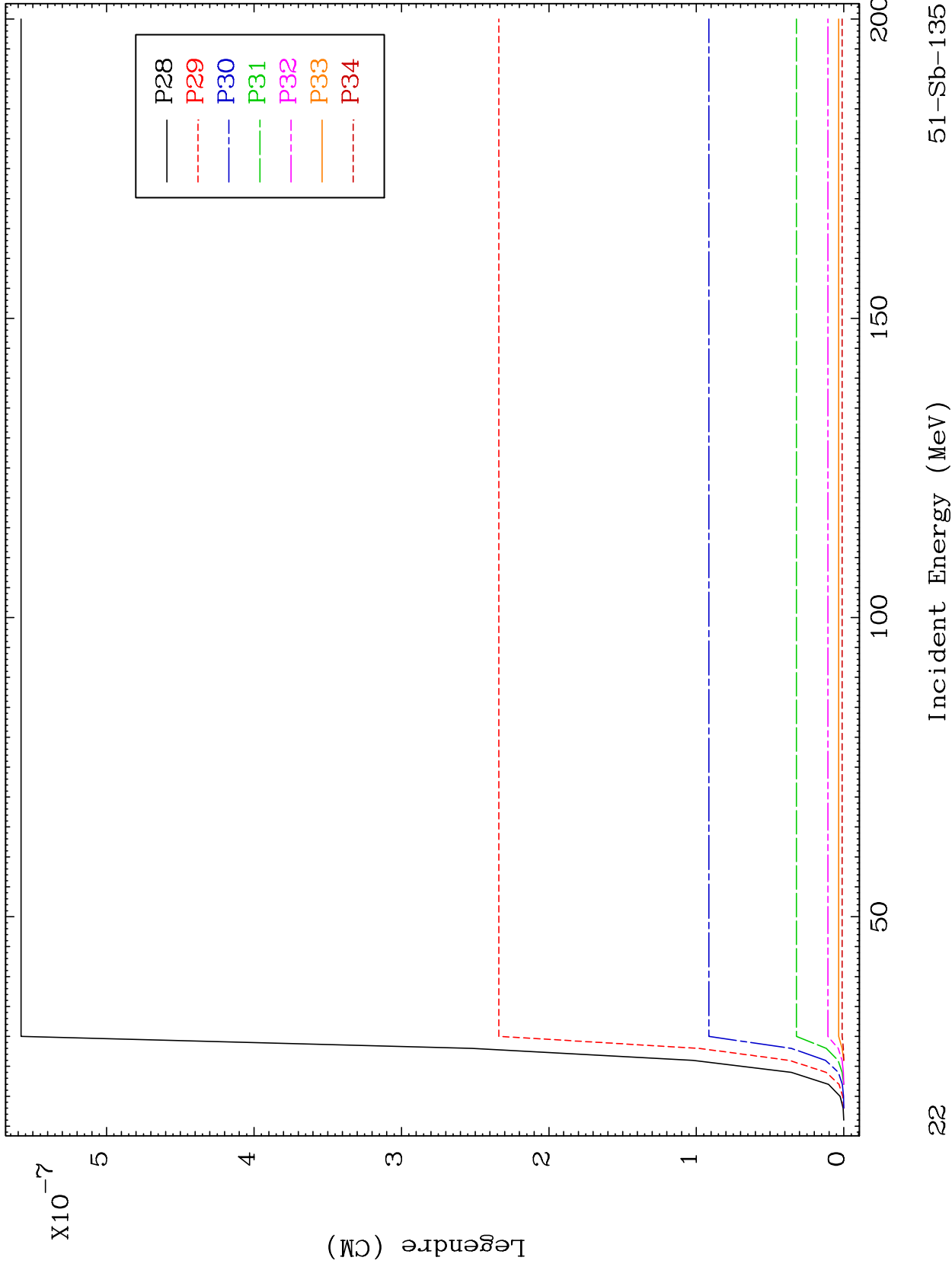


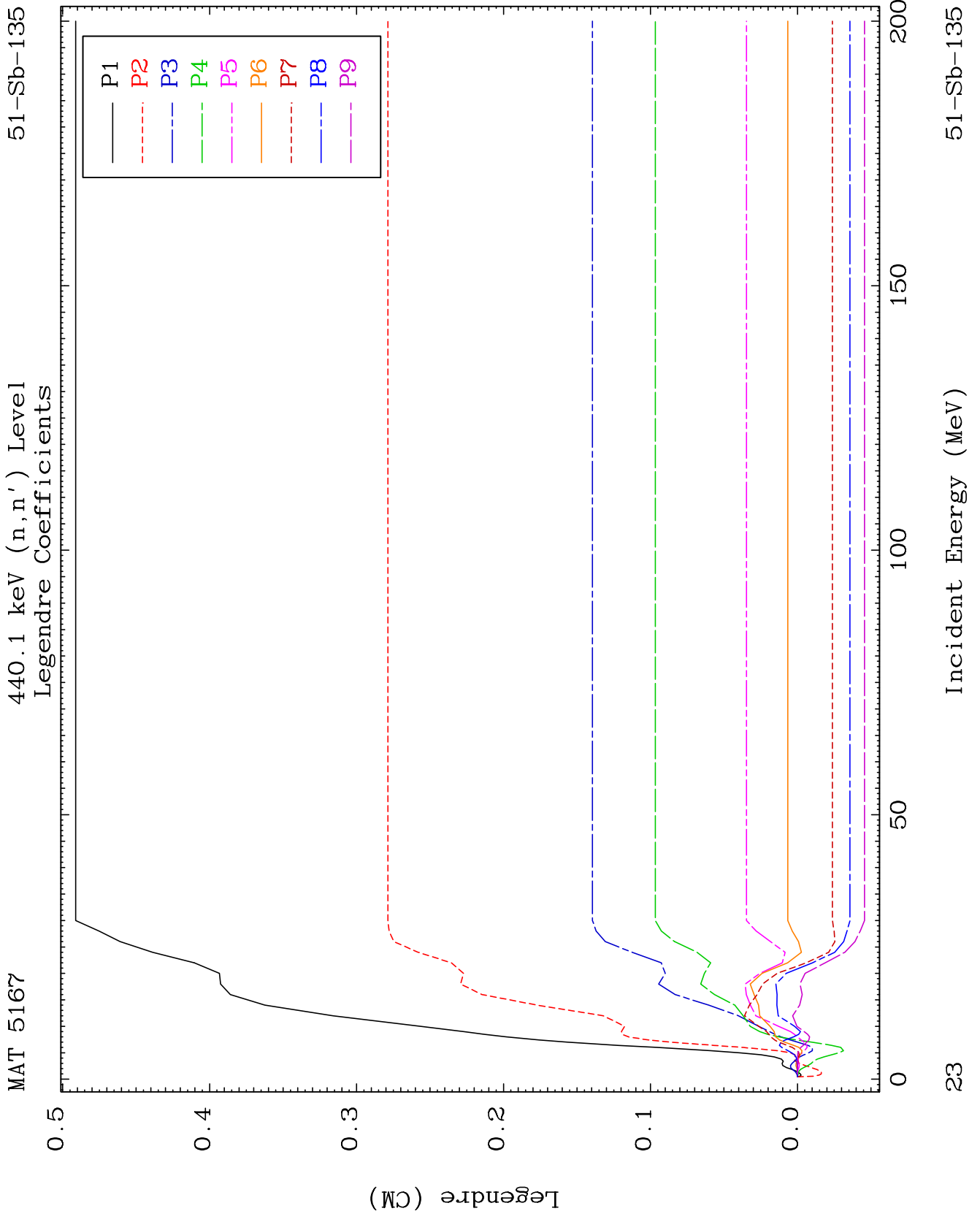


MAT 5167

281.7 keV (n,n') Level
Legendre Coefficients

51-Sb-135

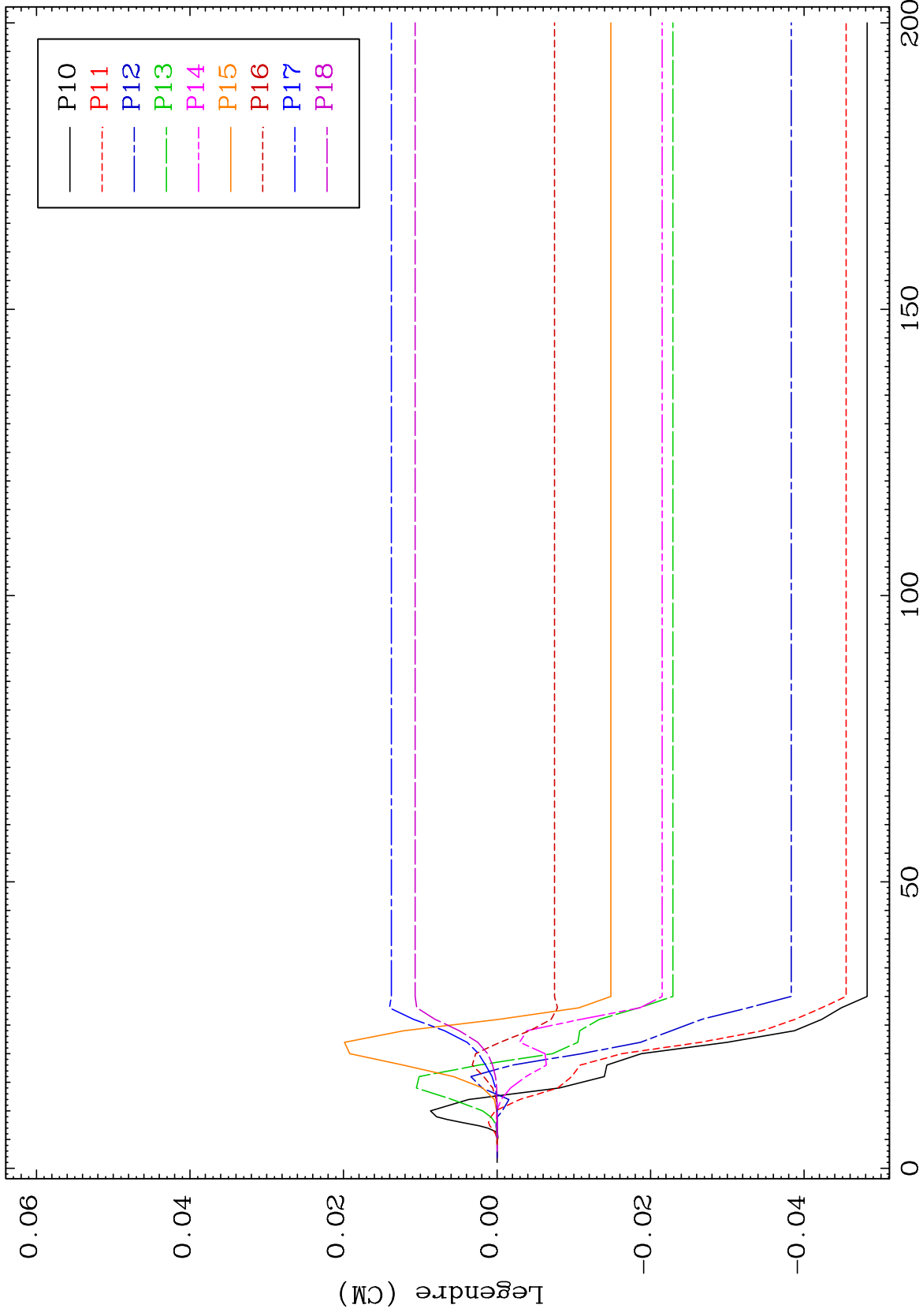




MAT 5167

440.1 keV (n,n') Level
Legendre Coefficients

51-Sb-135



24

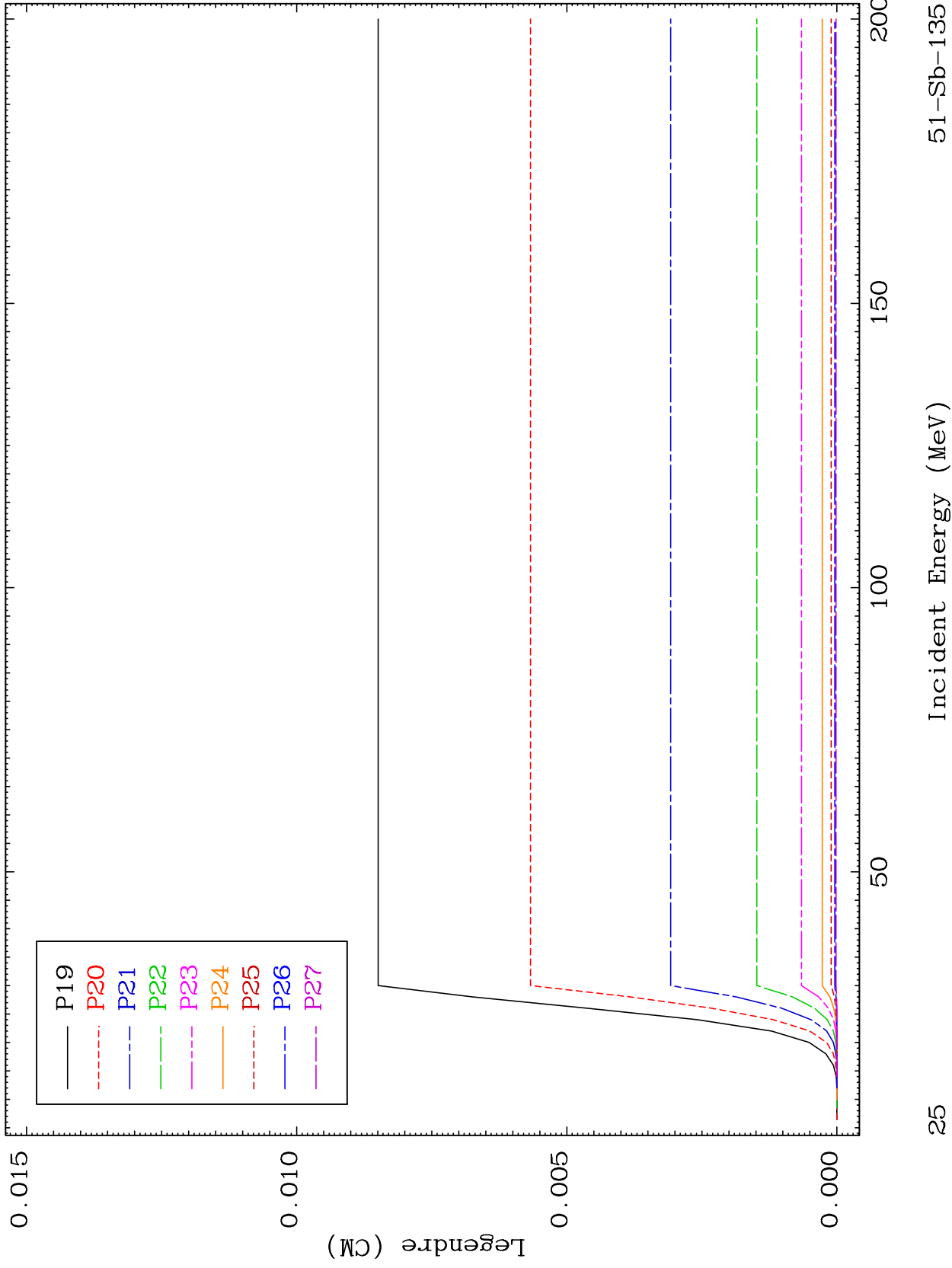
Incident Energy (MeV)

51-Sb-135

MAT 51677

440.1 keV (n,n') Level
Legendre Coefficients

51-Sb-135



25

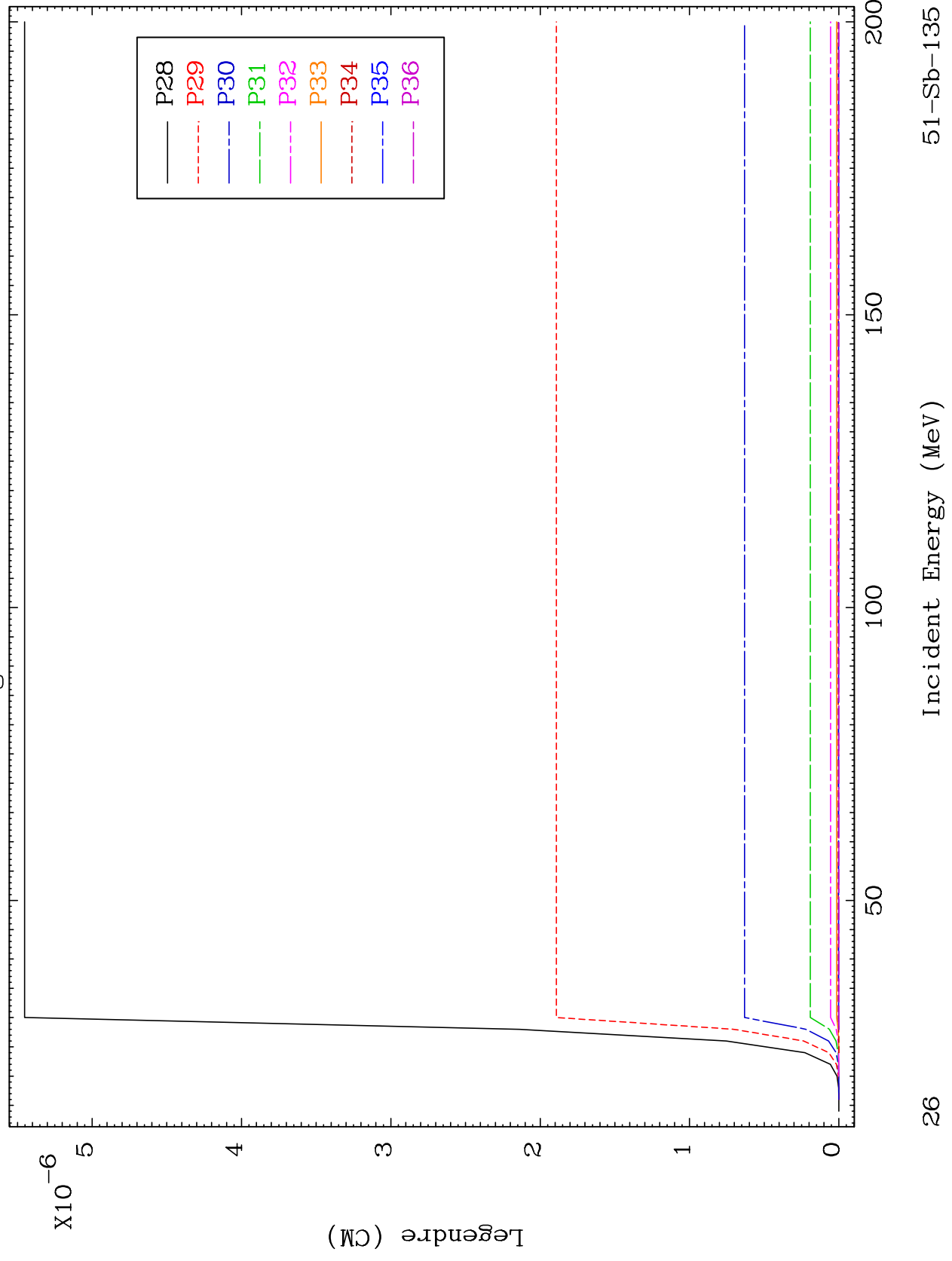
Incident Energy (MeV)

51-Sb-135

MAT 5167

440.1 keV (n,n') Level
Legendre Coefficients

51-Sb-135



26

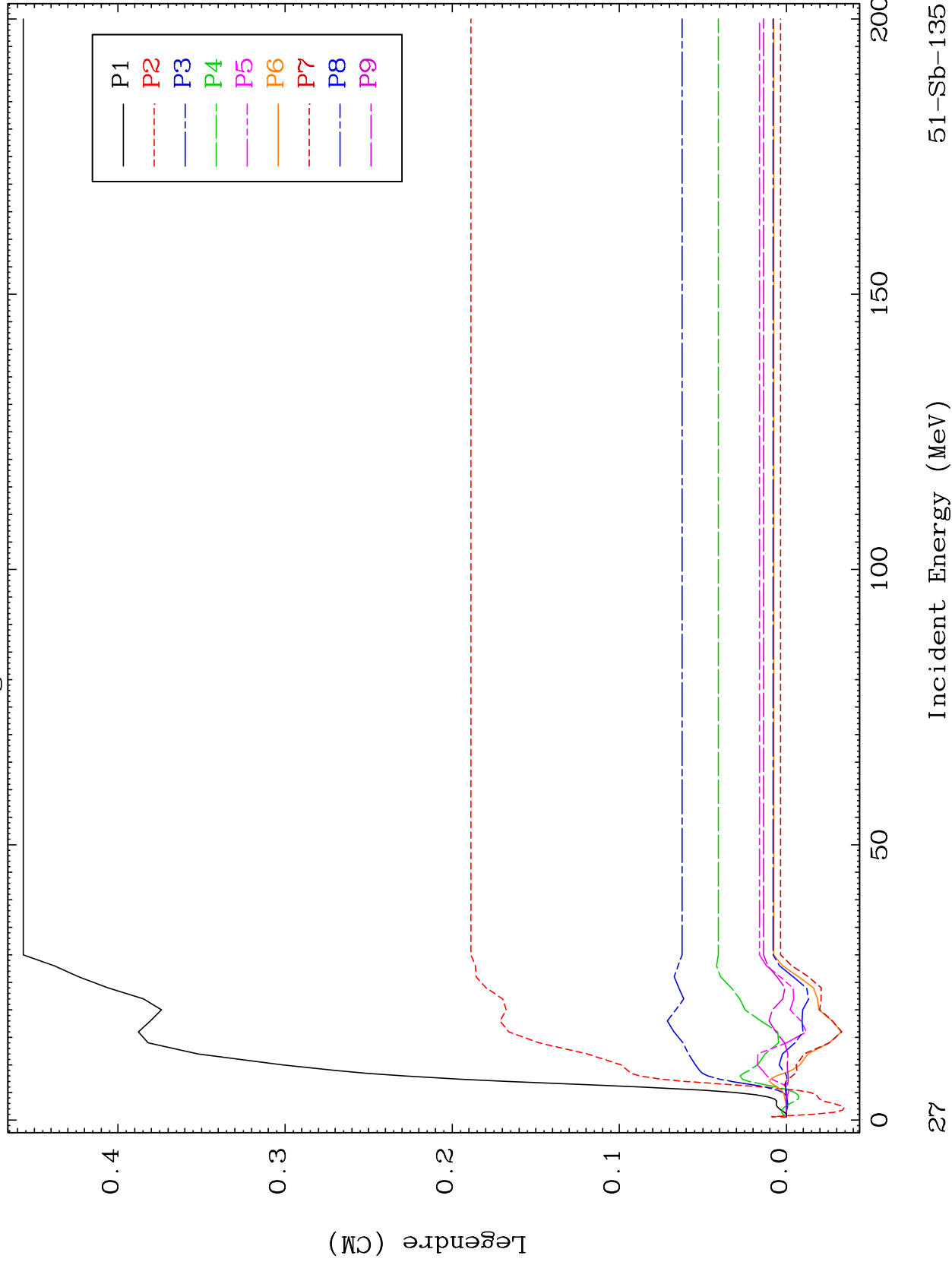
Incident Energy (MeV)

51-Sb-135

MAT 5167

523.0 keV (n,n') Level
Legendre Coefficients

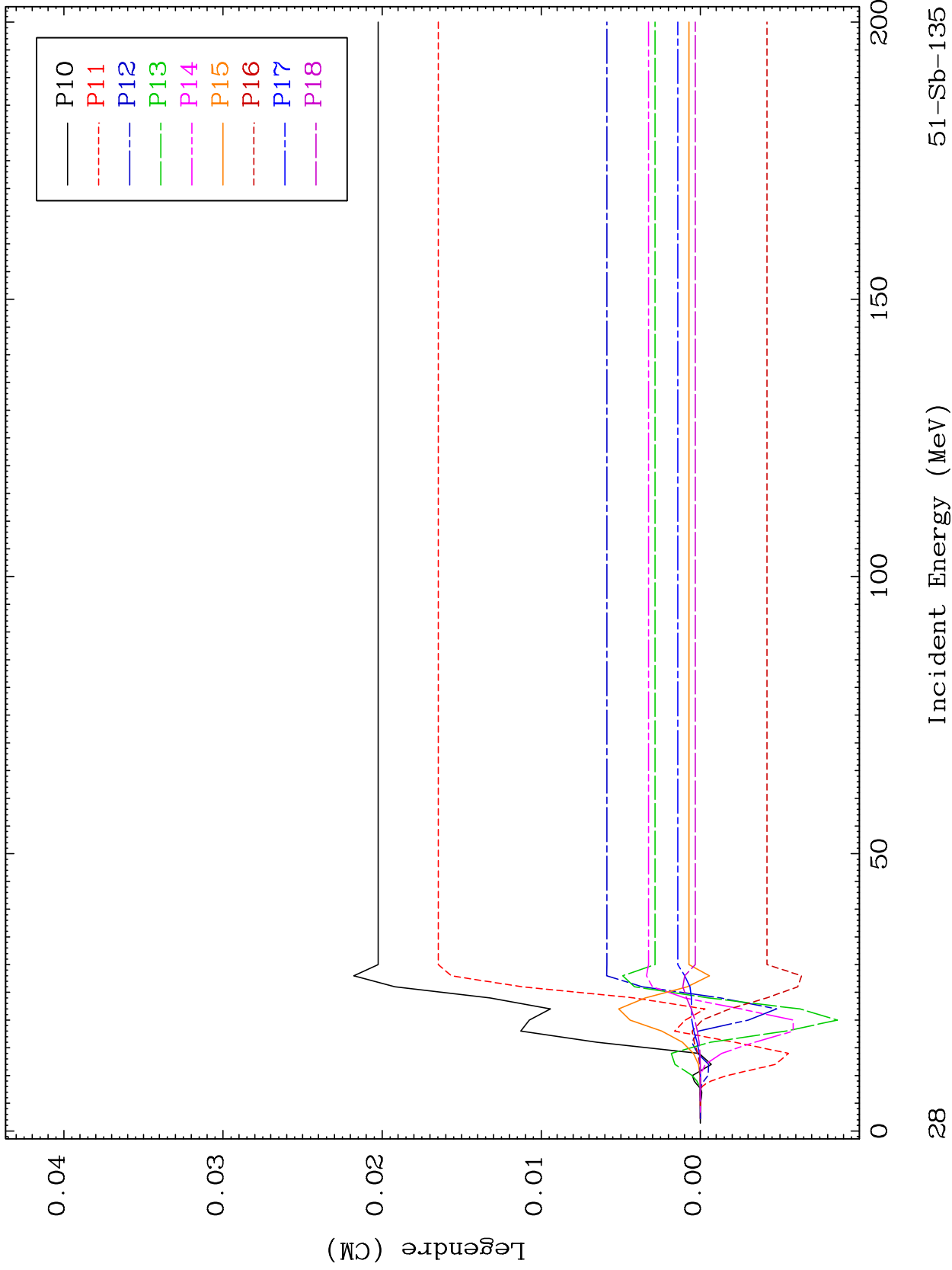
51-Sb-135



MAT 5167

523.0 keV (n,n') Level
Legendre Coefficients

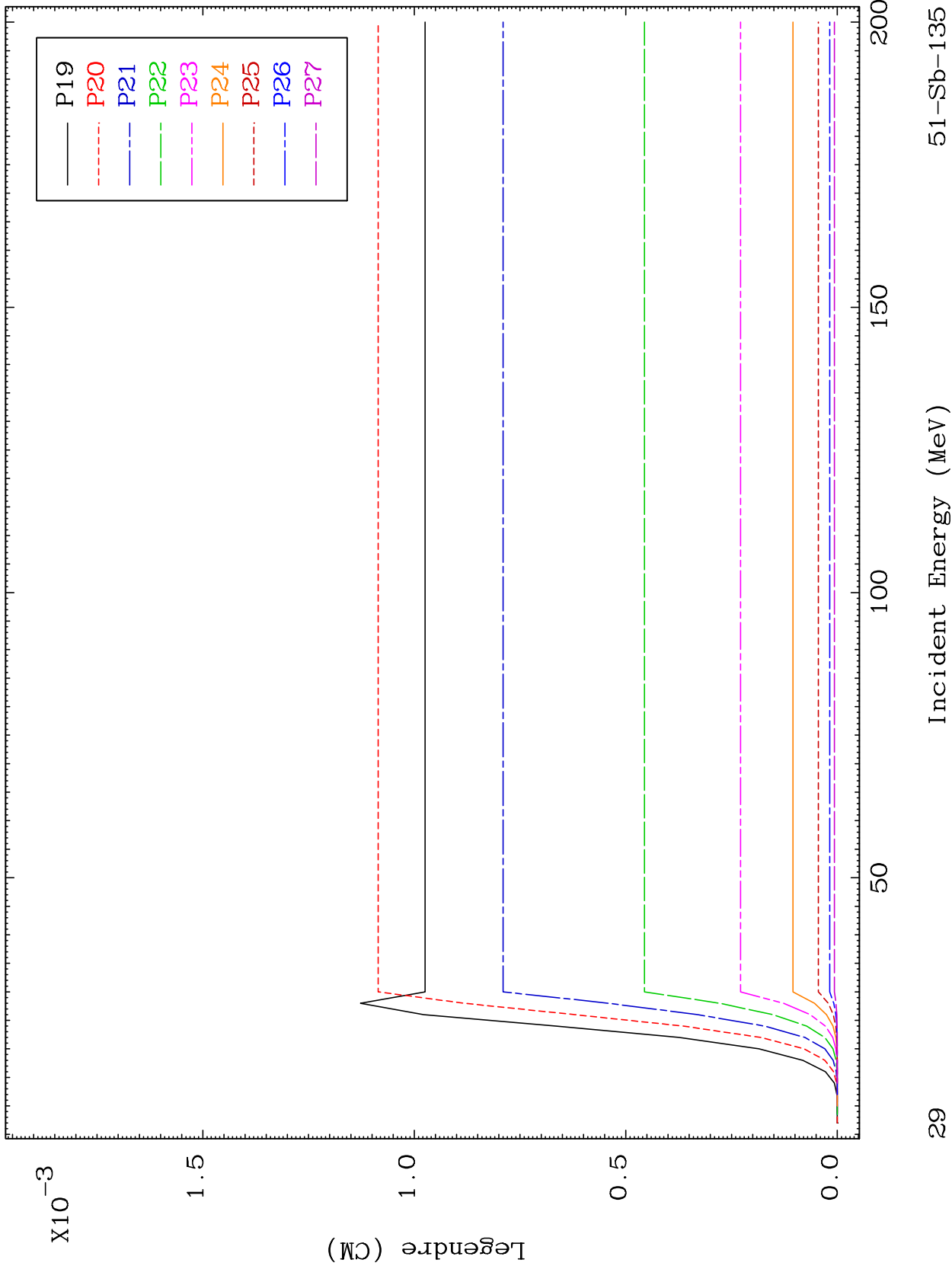
51-Sb-135



51-Sb-135

Incident Energy (MeV)

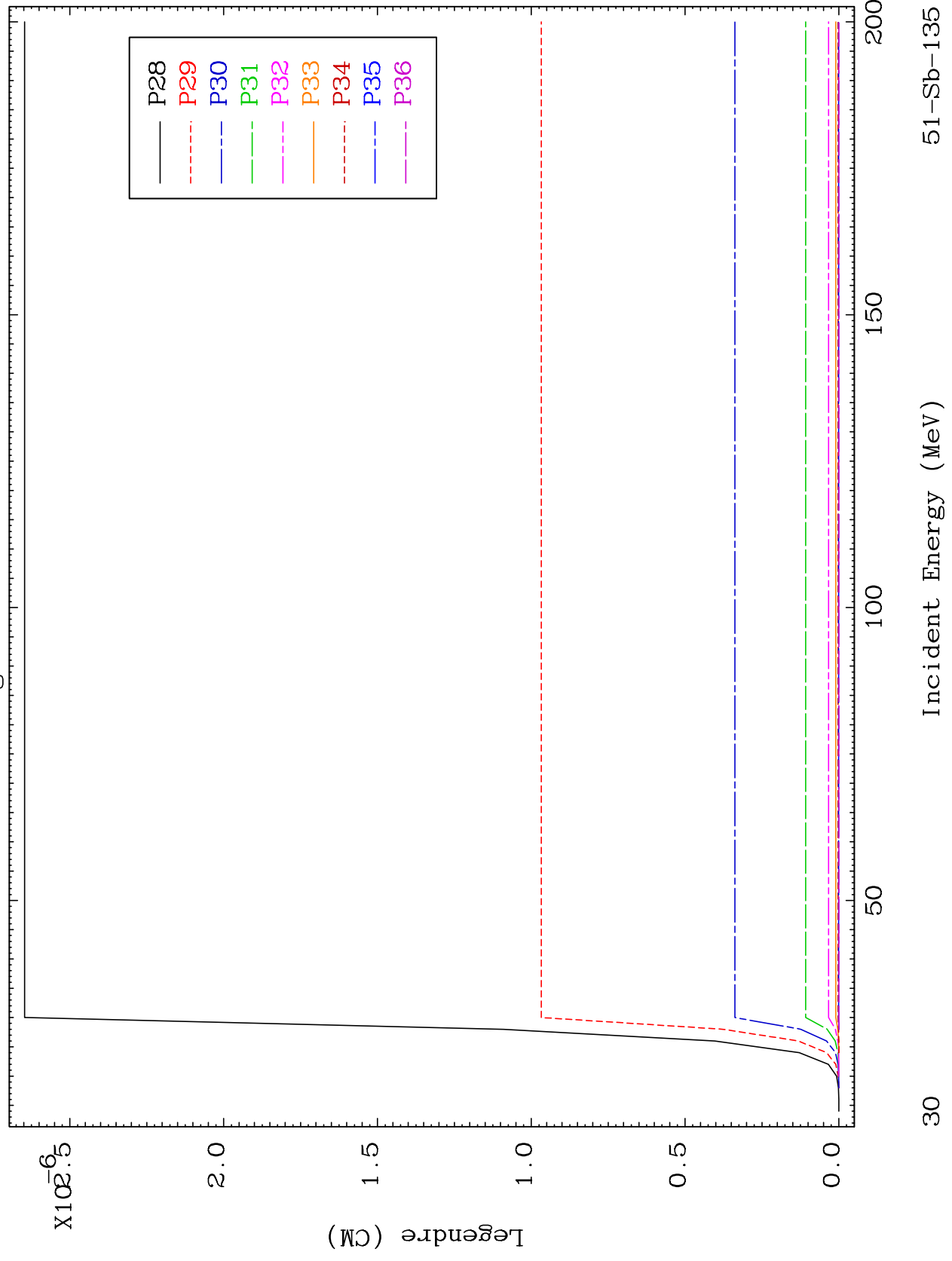
28



MAT 5167

523.0 keV (n,n') Level
Legendre Coefficients

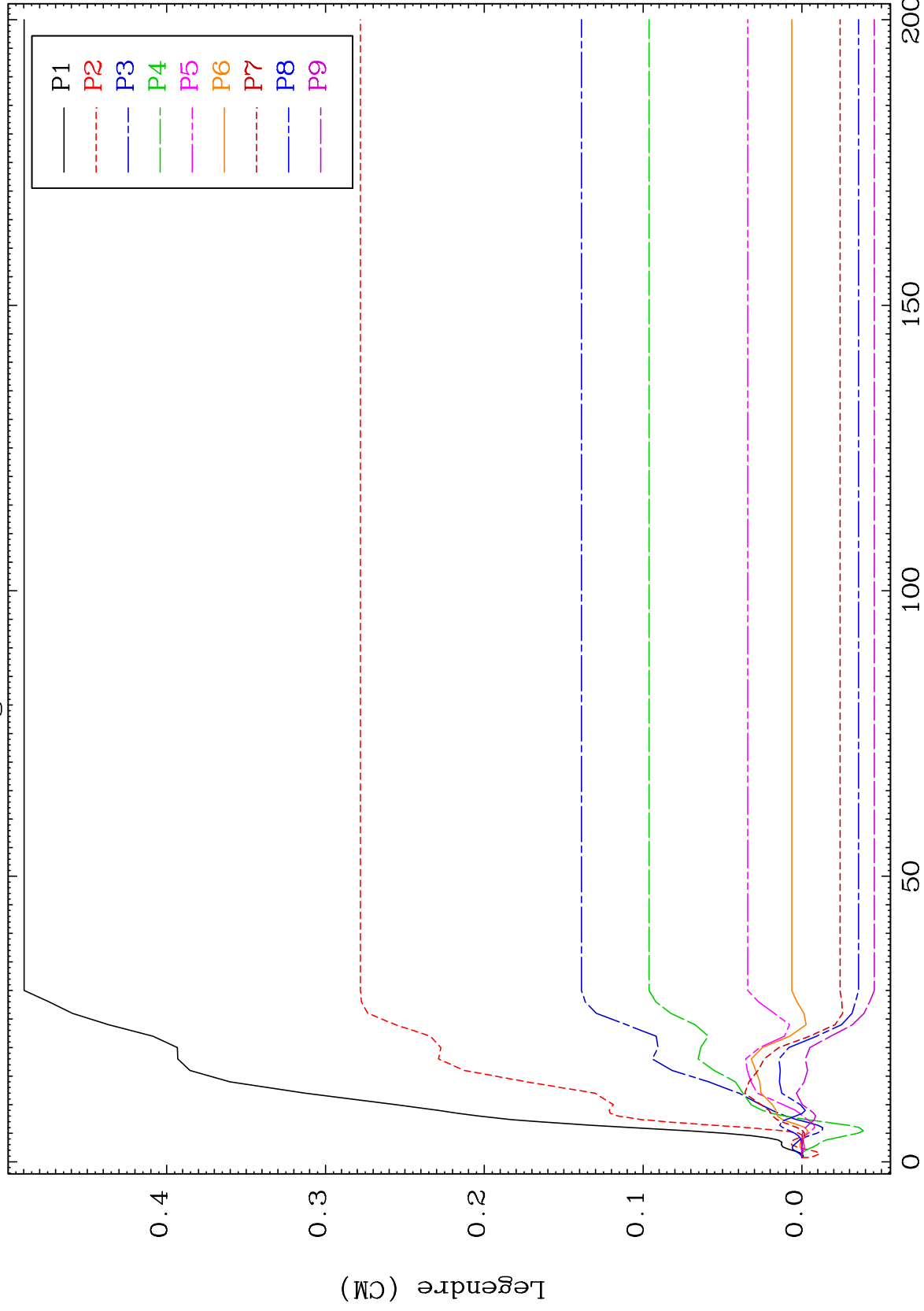
51-Sb-135



MAT 5167

707.0 keV (n,n') Level
Legendre Coefficients

51-Sb-135



31

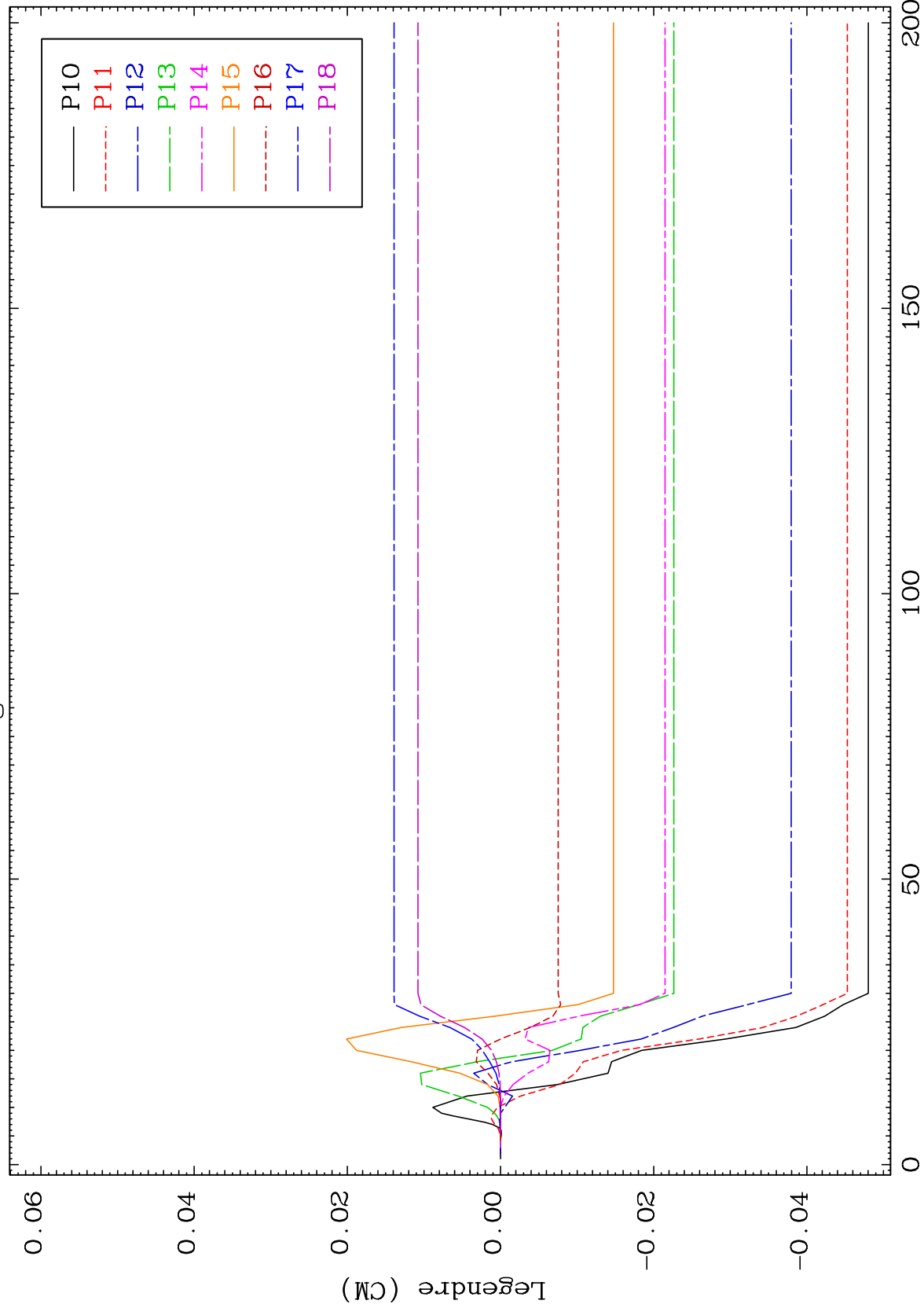
Incident Energy (MeV)

51-Sb-135

MAT 5167

707.0 keV (n,n') Level
Legendre Coefficients

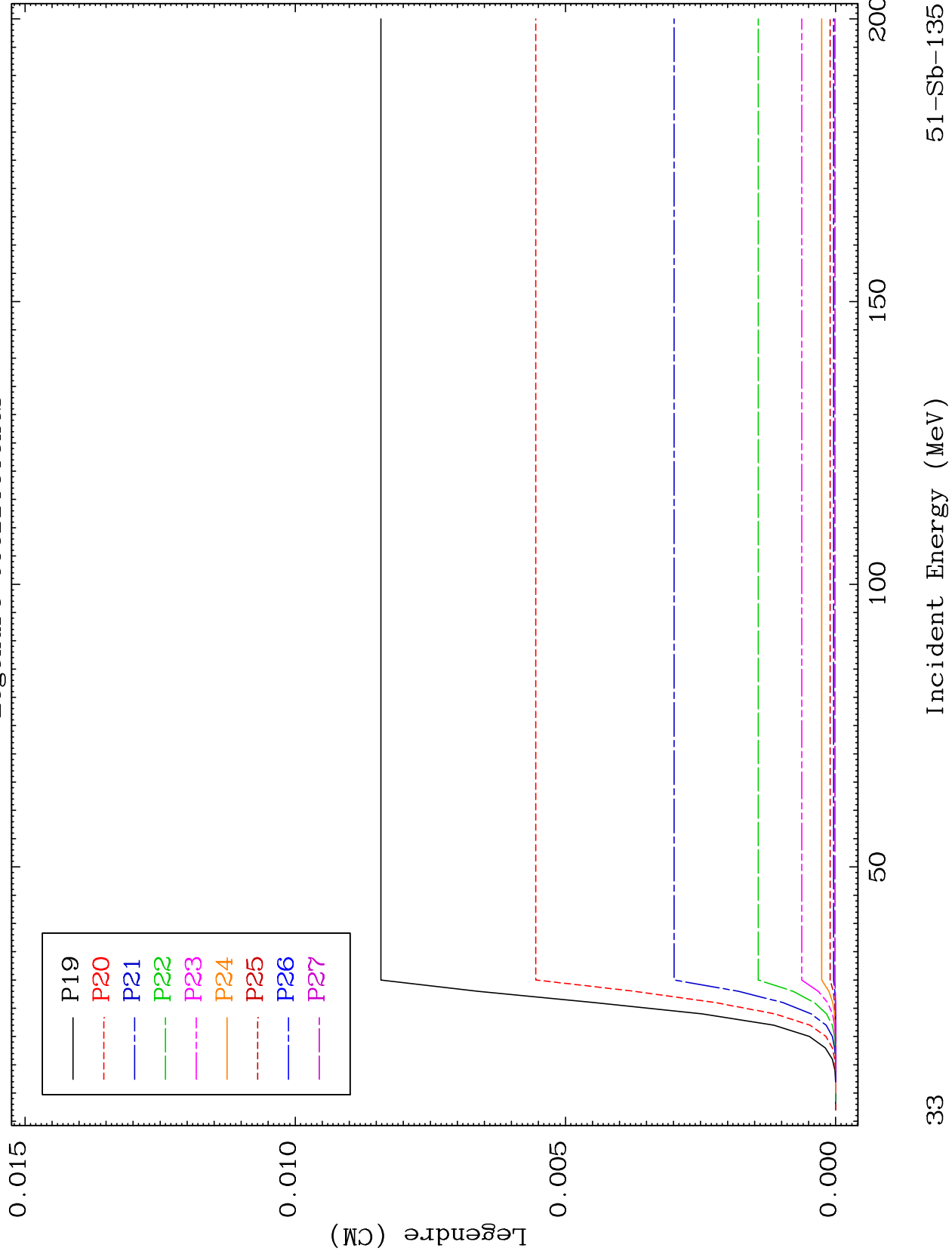
51-Sb-135



32

Incident Energy (MeV)

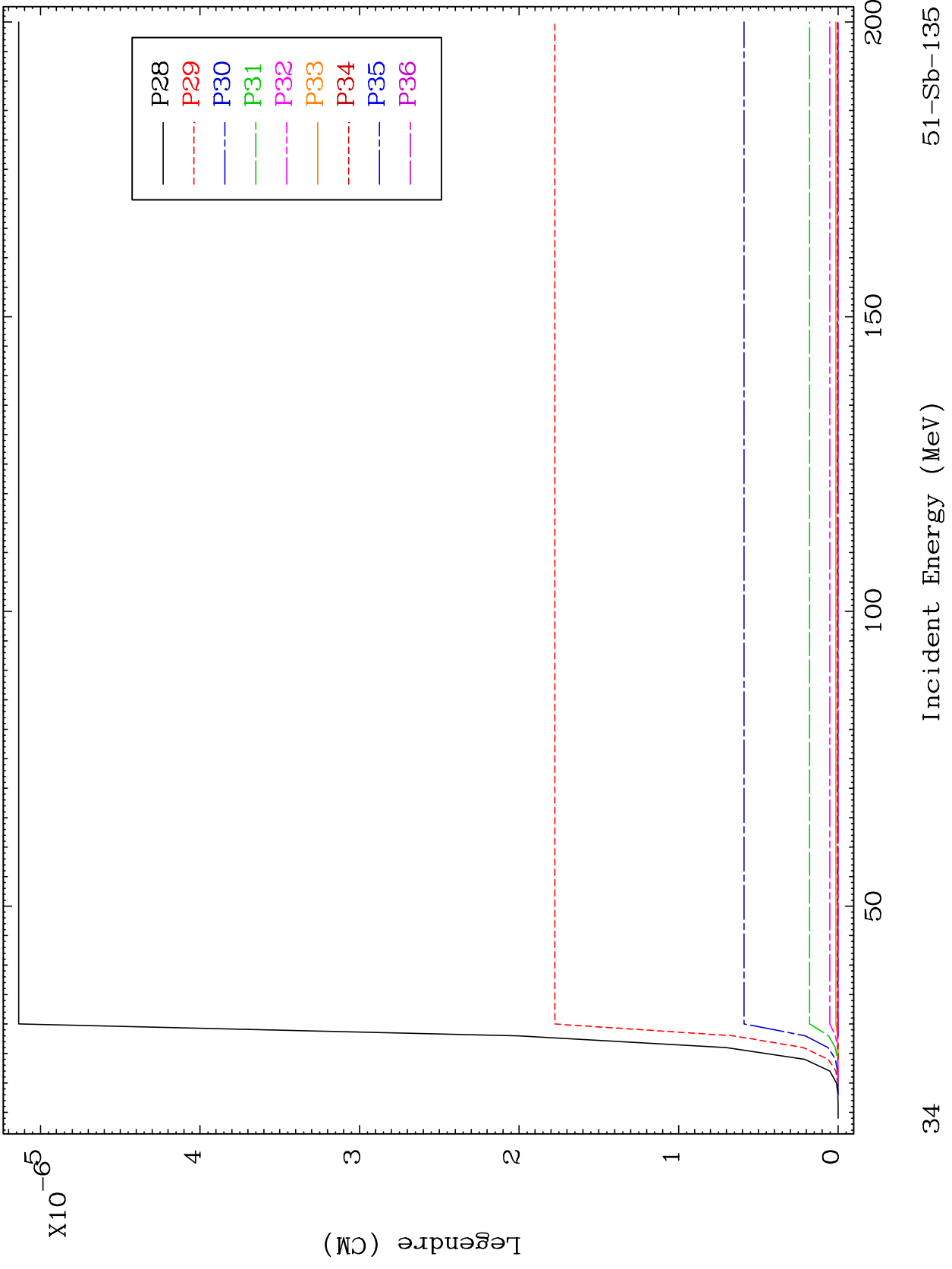
51-Sb-135



MAT 5167

707.0 keV (n,n') Level
Legendre Coefficients

51-Sb-135



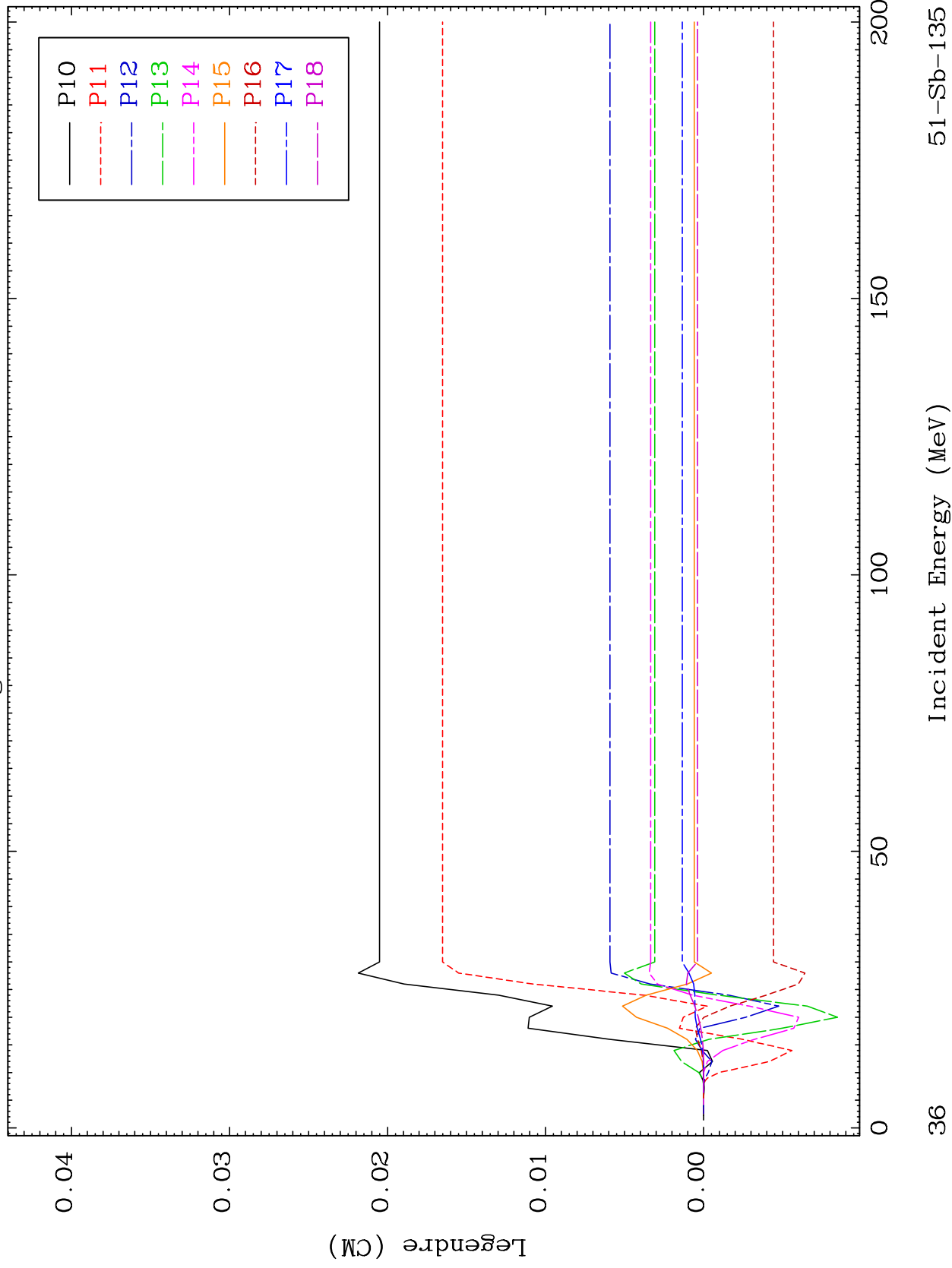
34

51-Sb-135

MAT 5167

798.0 keV (n,n') Level
Legendre Coefficients

51-Sb-135



51-Sb-135

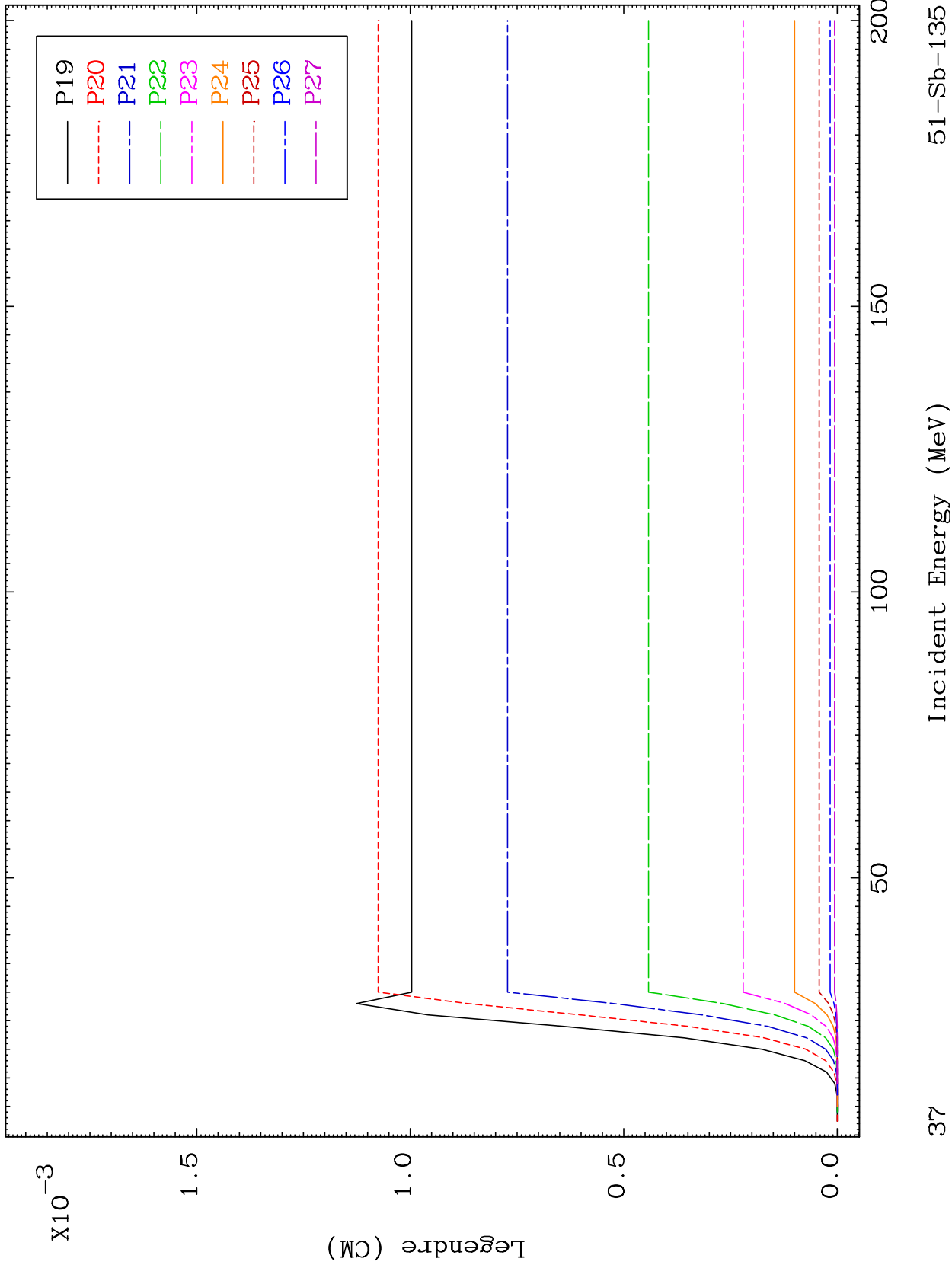
Incident Energy (MeV)

36

MAT 5167

798.0 keV (n,n') Level
Legendre Coefficients

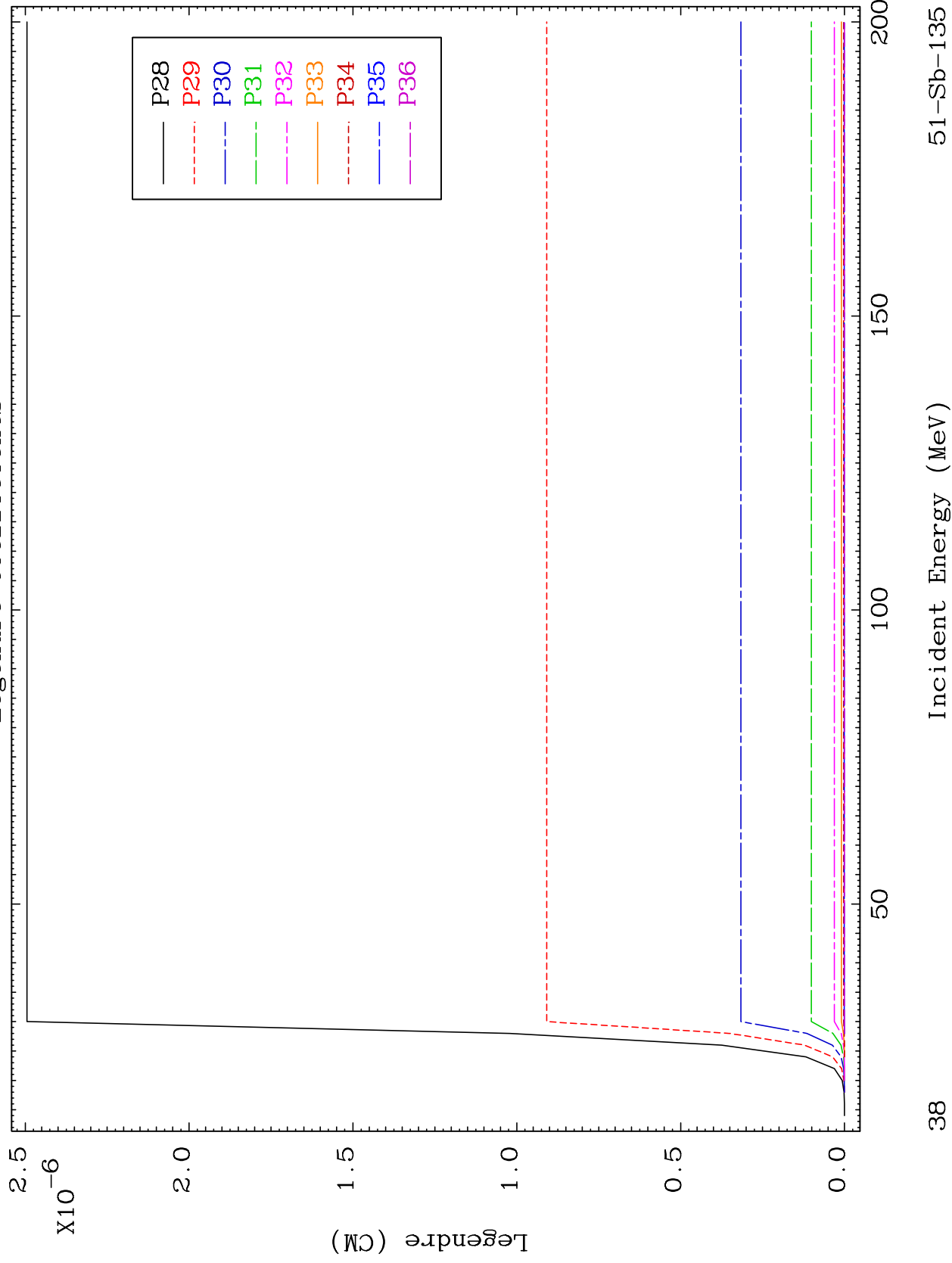
51-Sb-135



MAT 5167

798.0 keV (n,n') Level
Legendre Coefficients

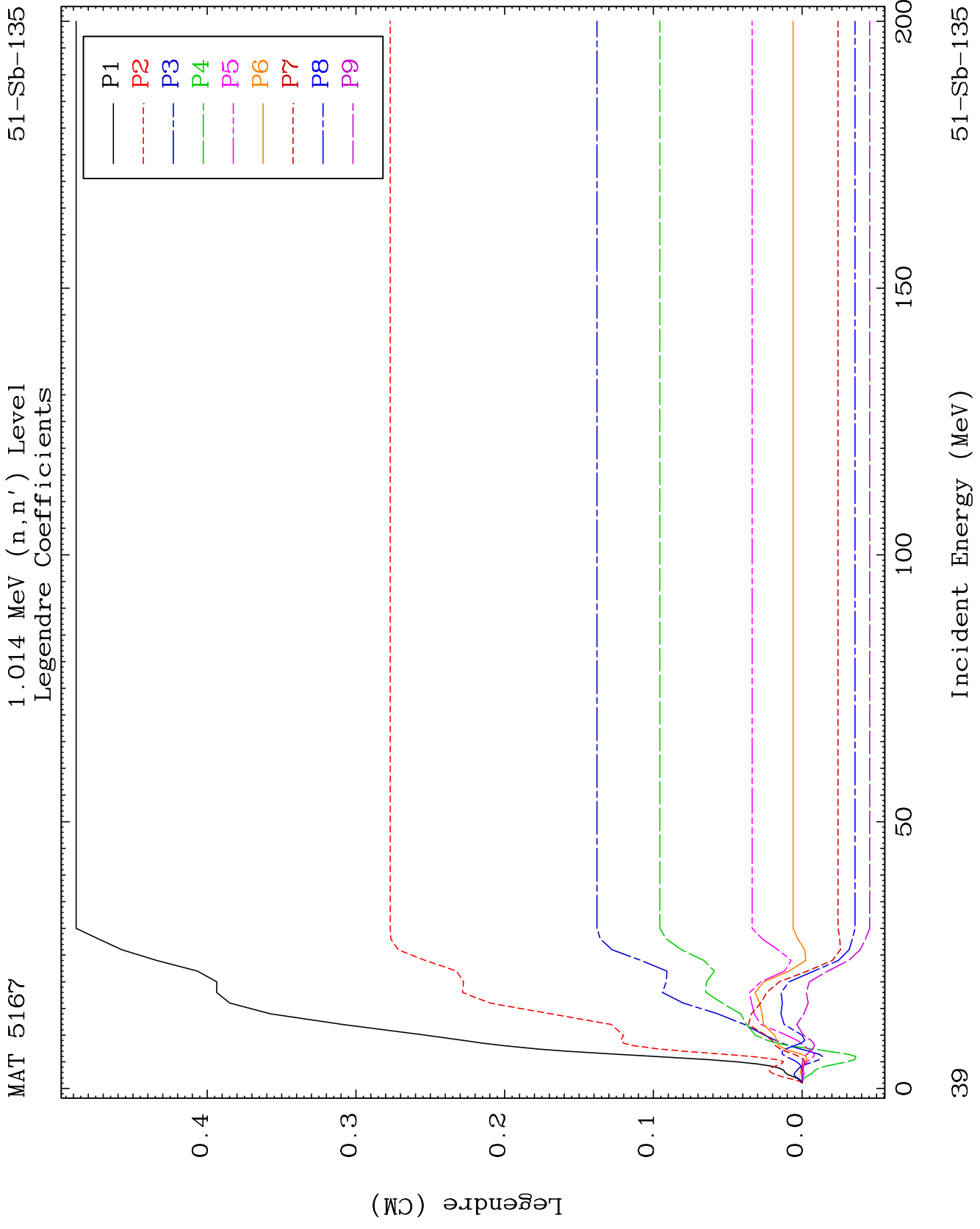
51-Sb-135



38

Incident Energy (MeV)

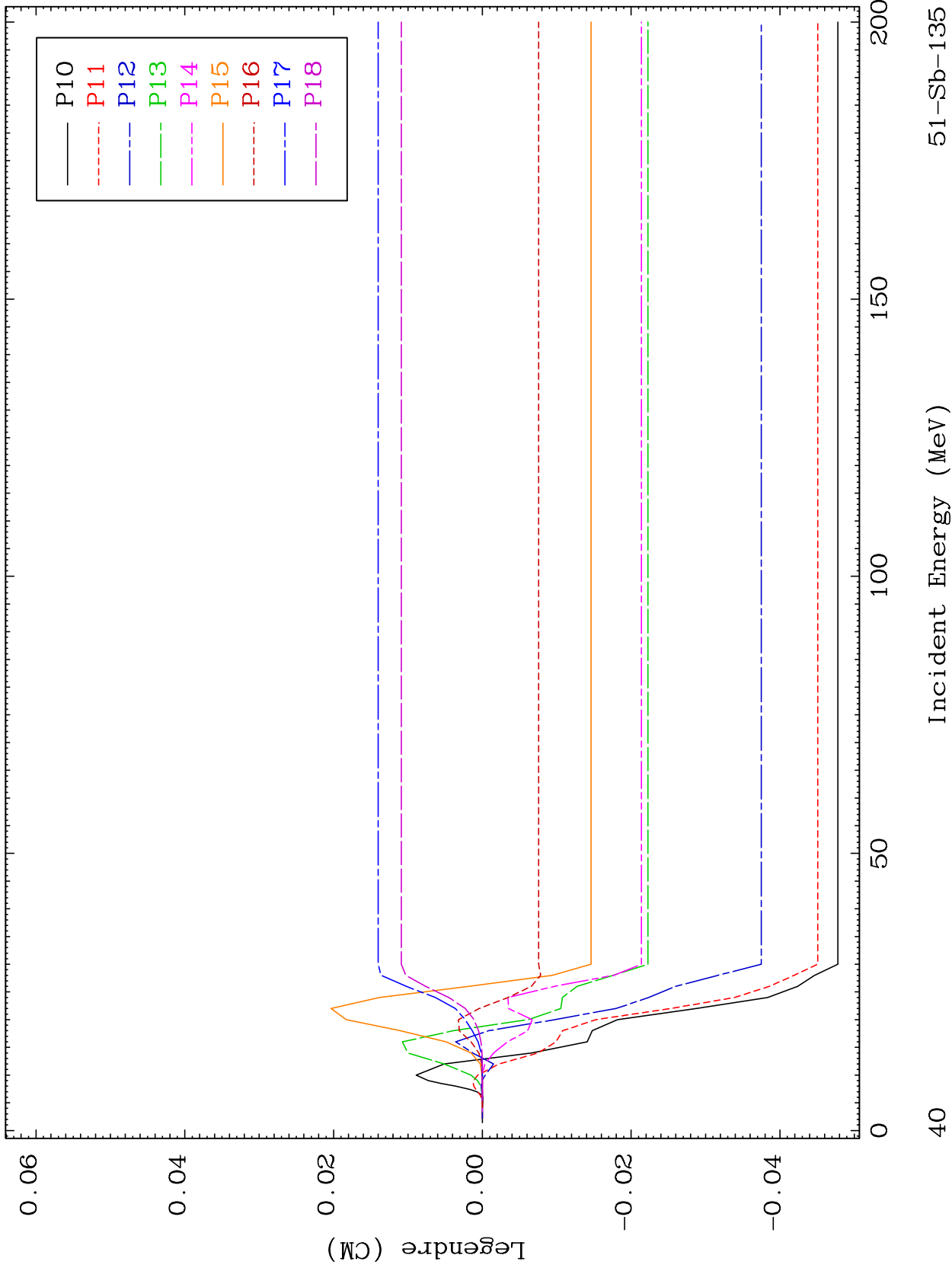
51-Sb-135



MAT 5167

1.014 MeV (n,n') Level
Legendre Coefficients

51-Sb-135

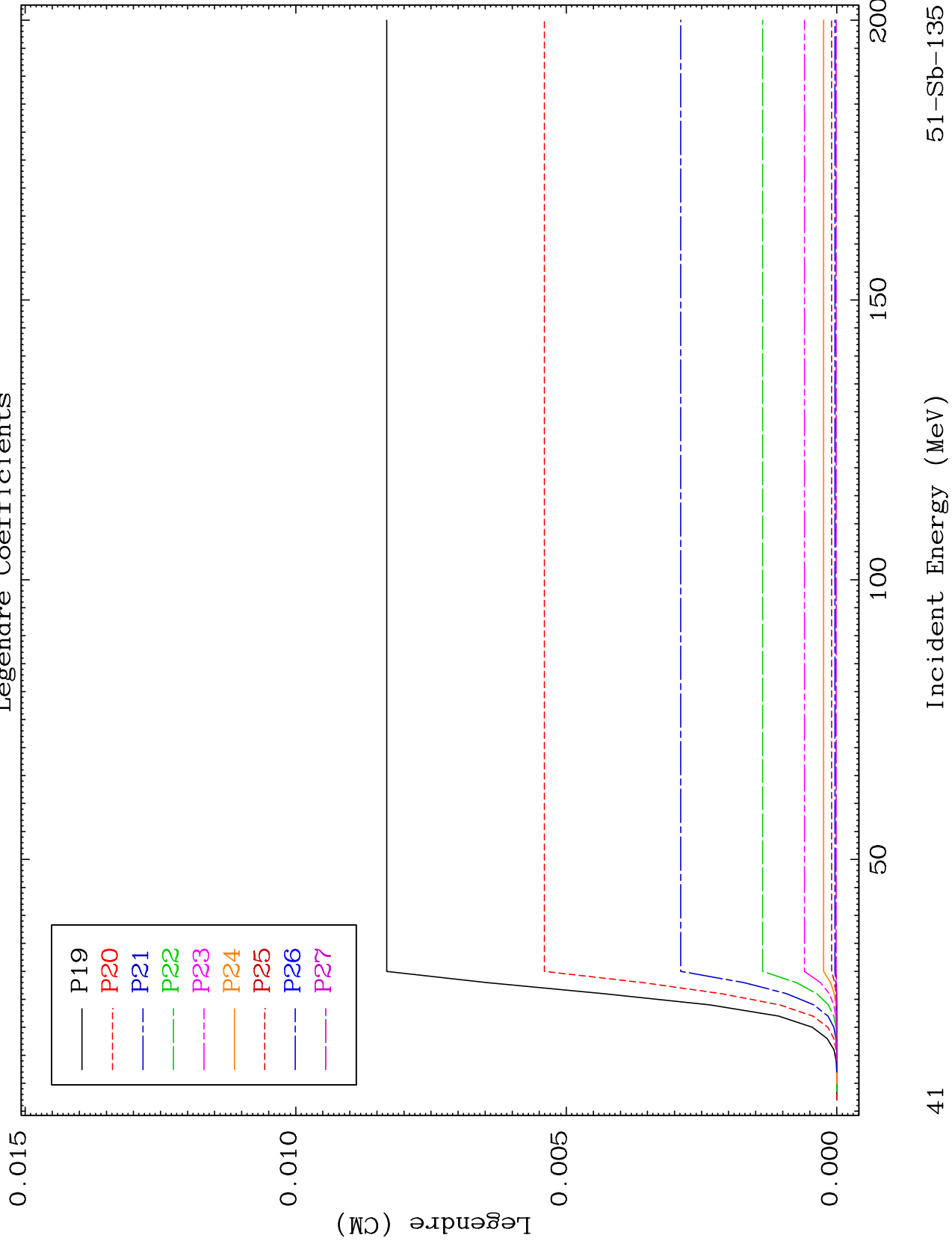


51-Sb-135

MAT 51677

1.014 MeV (n,n') Level
Legendre Coefficients

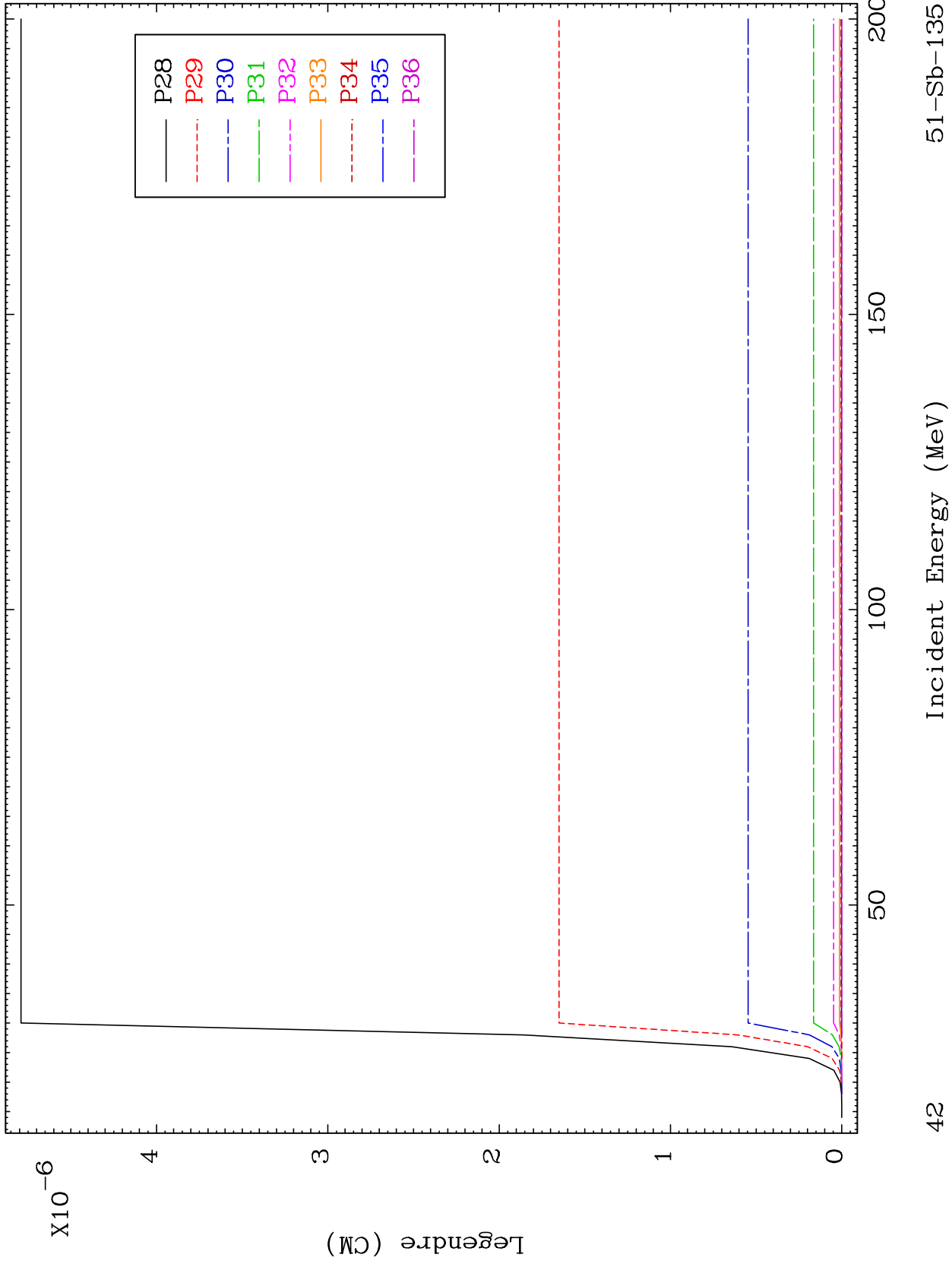
51-Sb-135



MAT 5167

1.014 MeV (n, n') Level
Legendre Coefficients

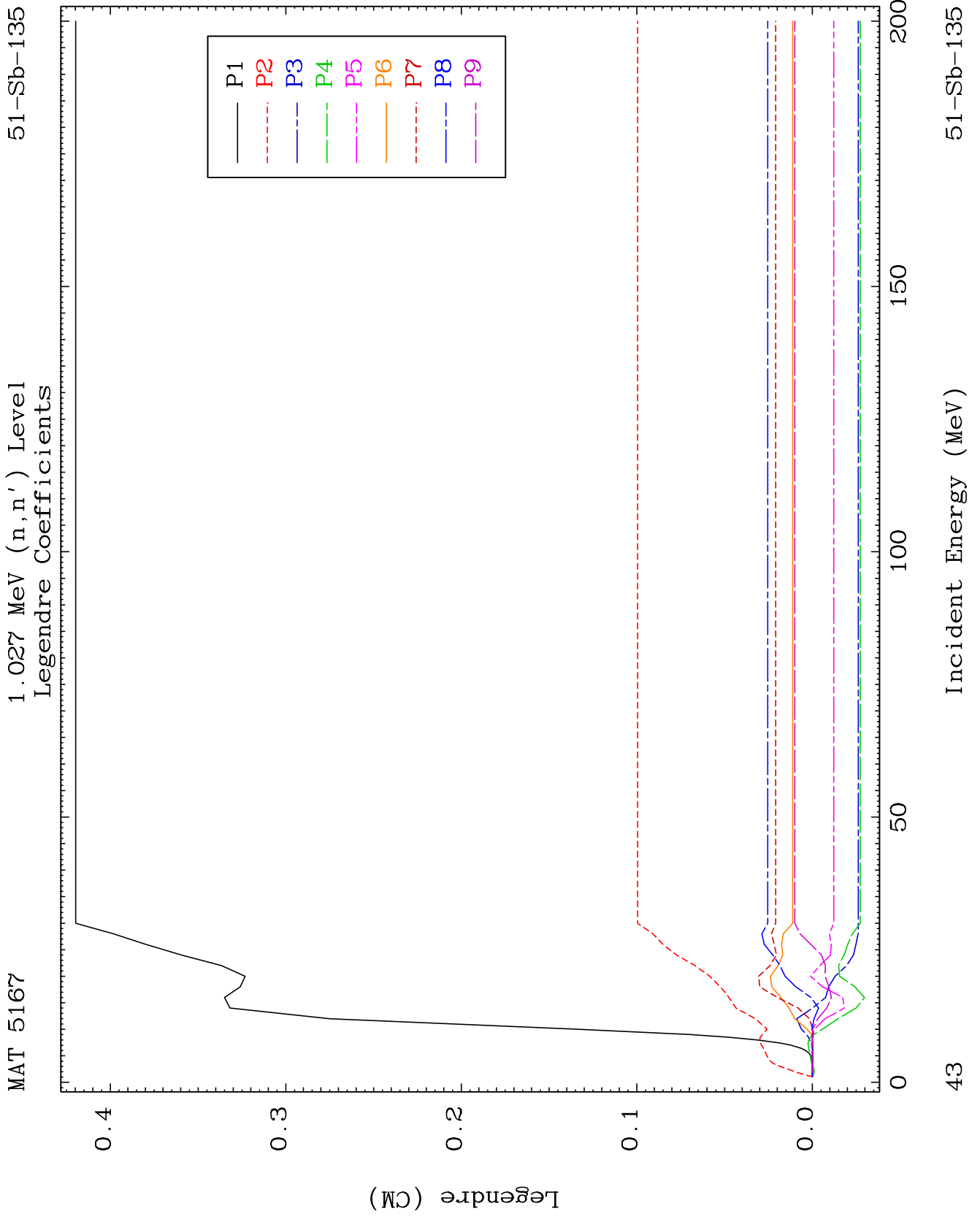
51-Sb-135

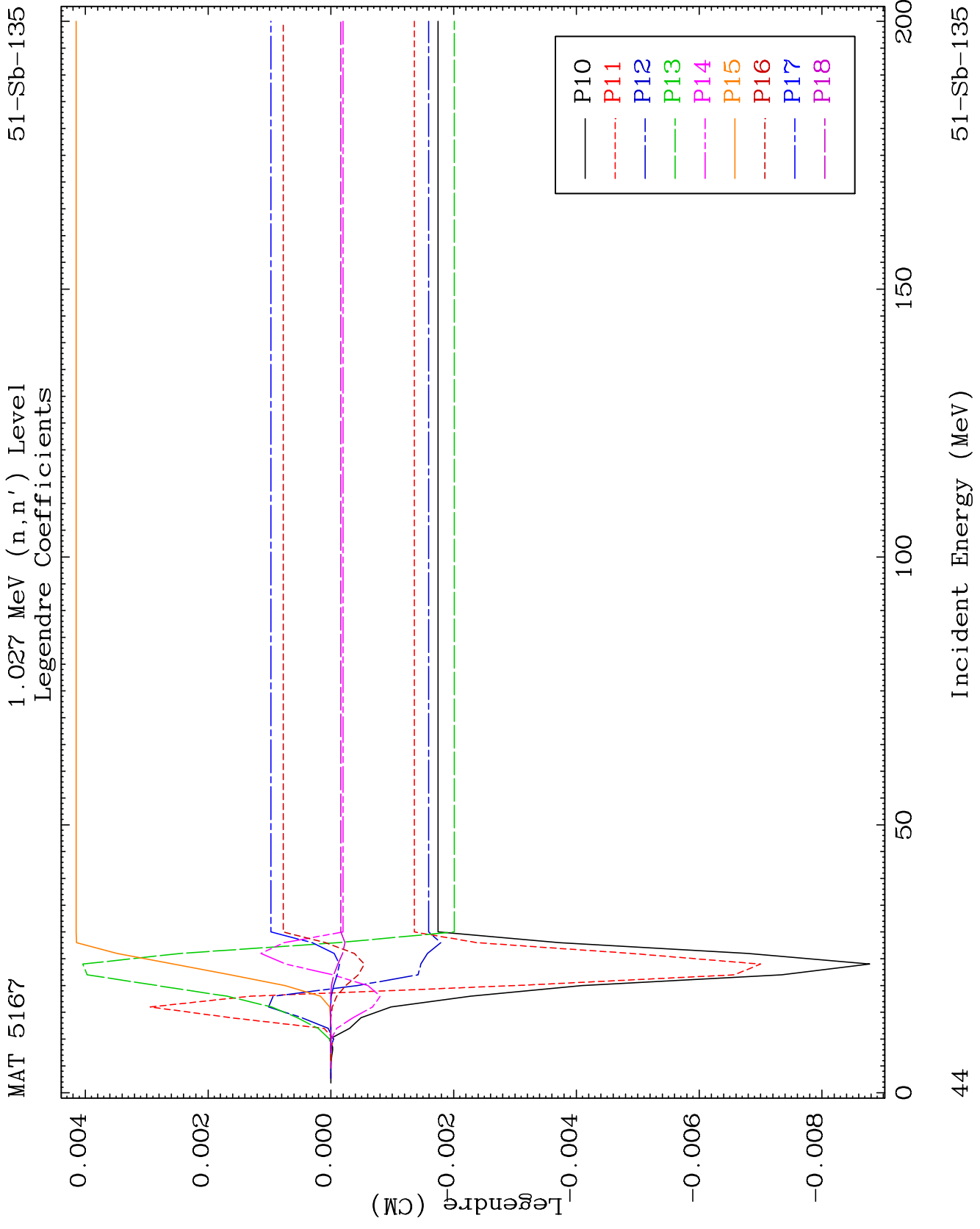


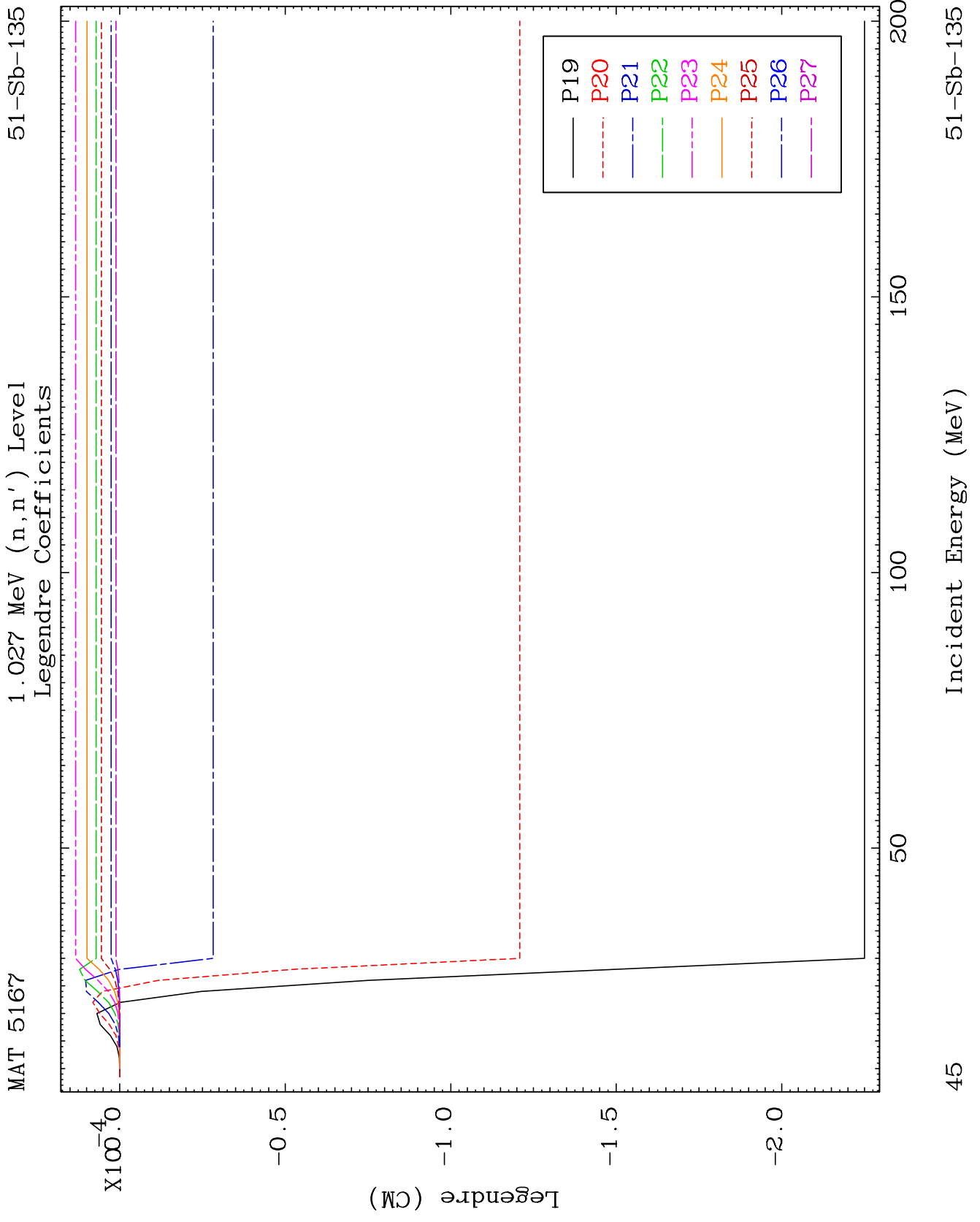
42

51-Sb-135

51-Sb-135



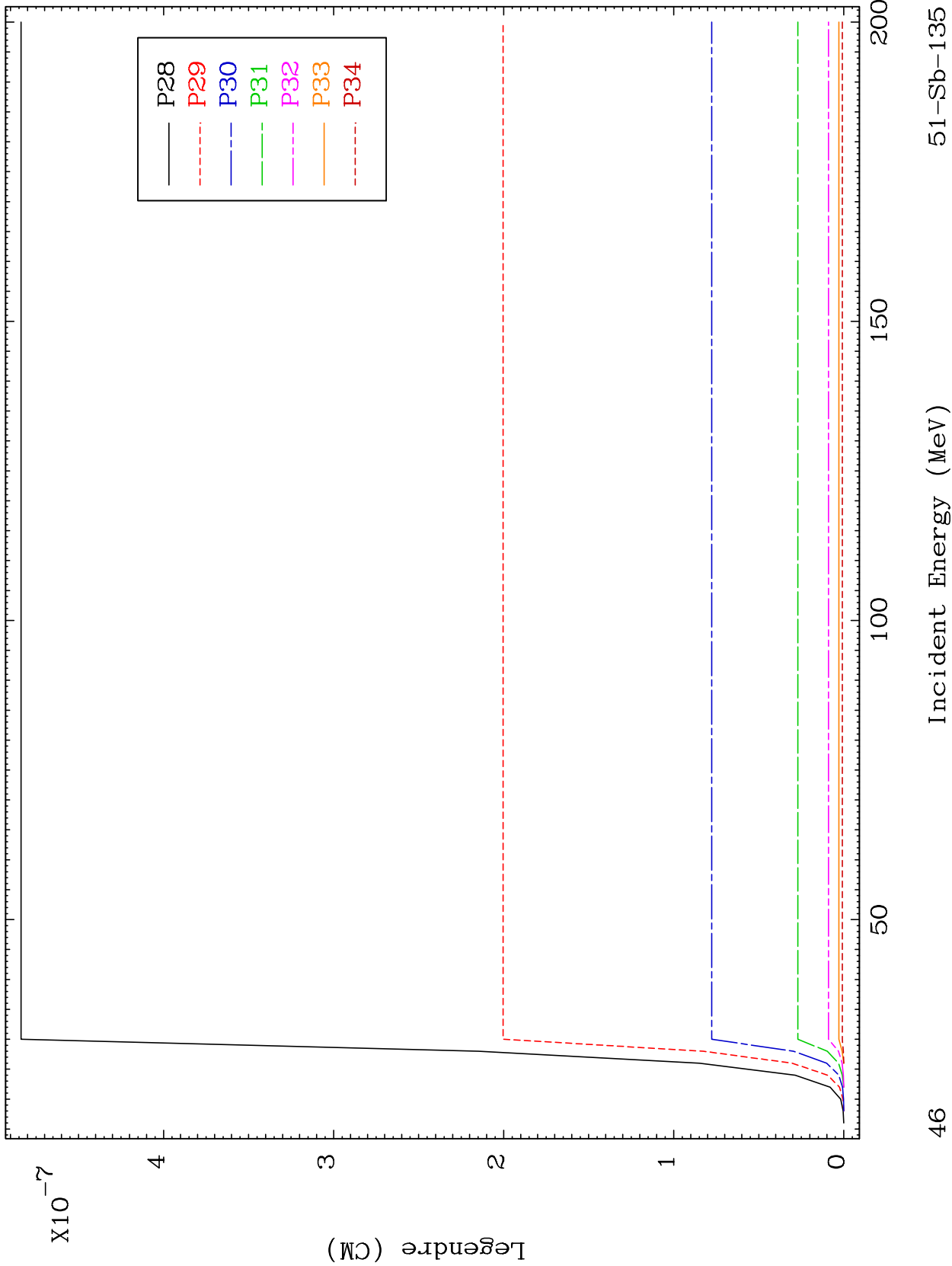




MAT 5167

1.027 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



46

Incident Energy (MeV)

51-Sb-135

200

150

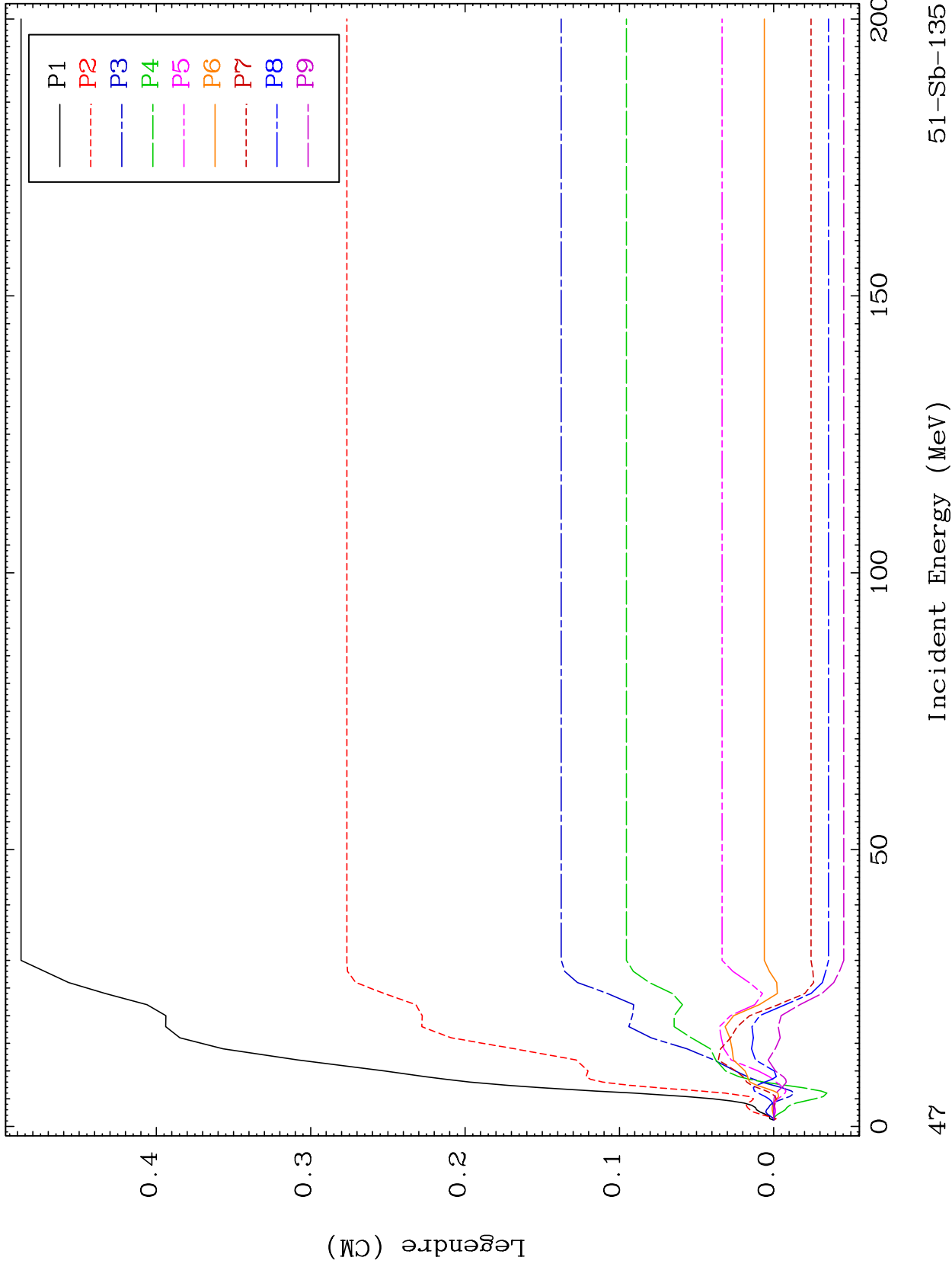
100

50

MAT 5167

1.113 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



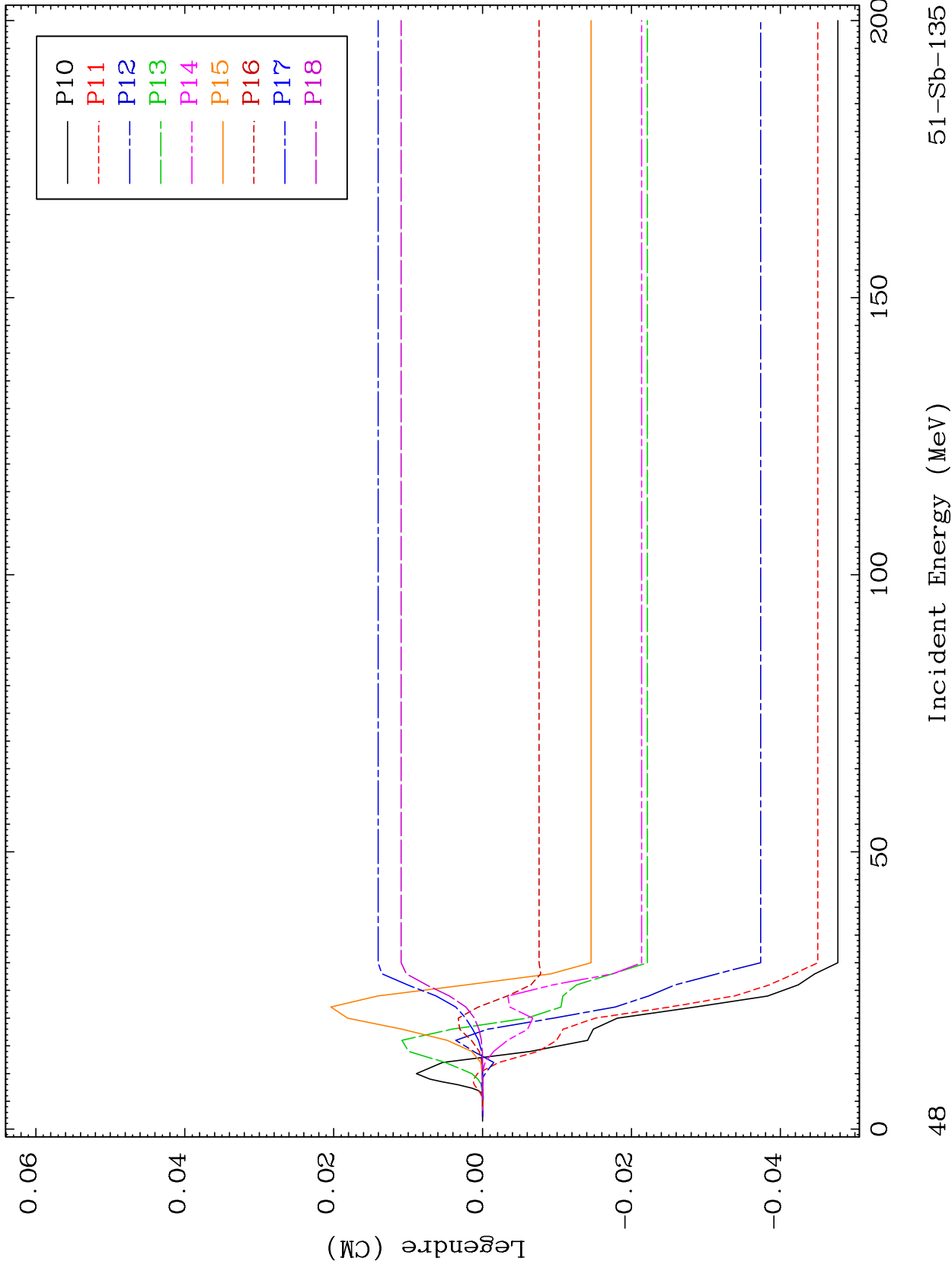
47

51-Sb-135

MAT 5167

1.113 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



51-Sb-135

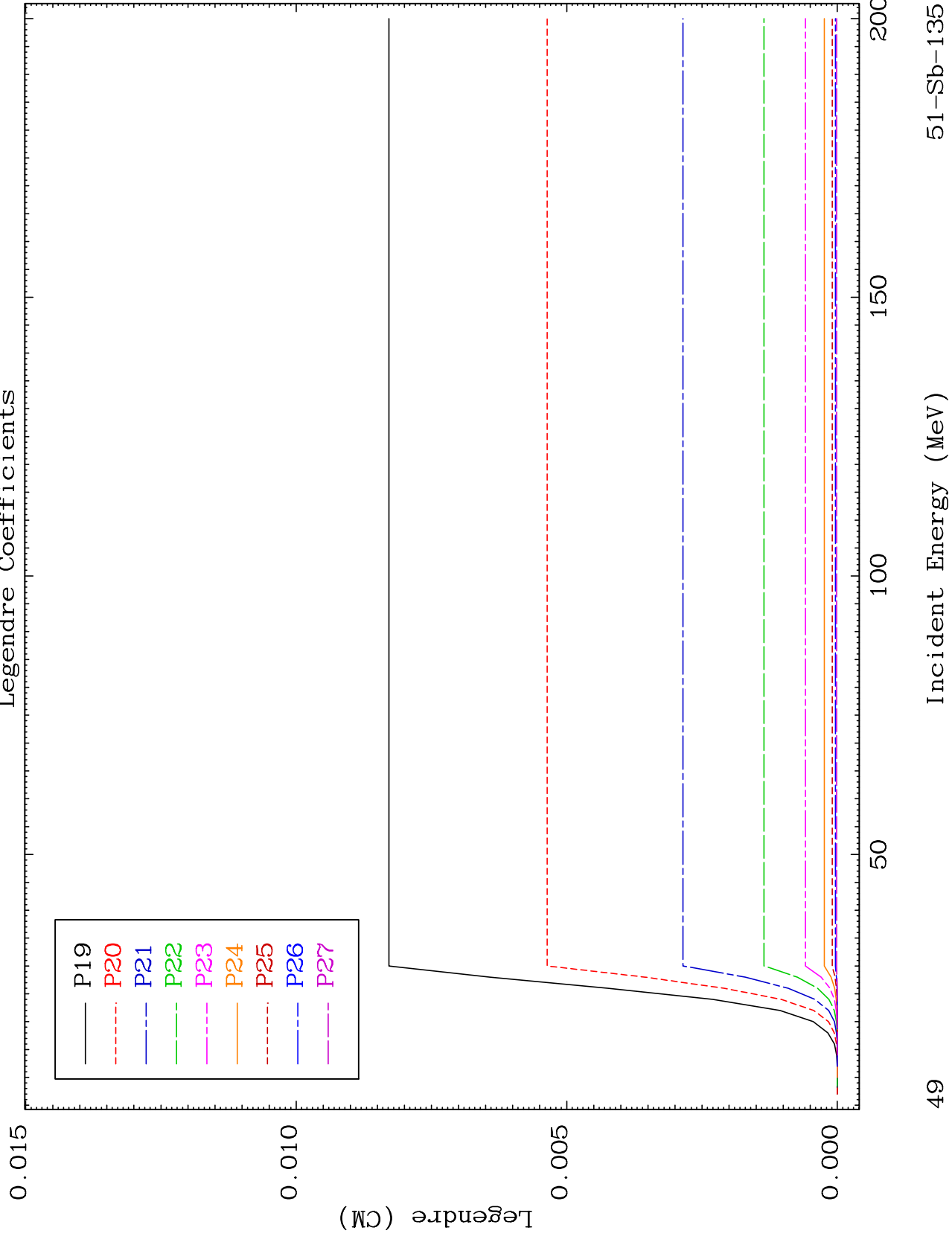
Incident Energy (MeV)

48

MAT 51677

1.113 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



49

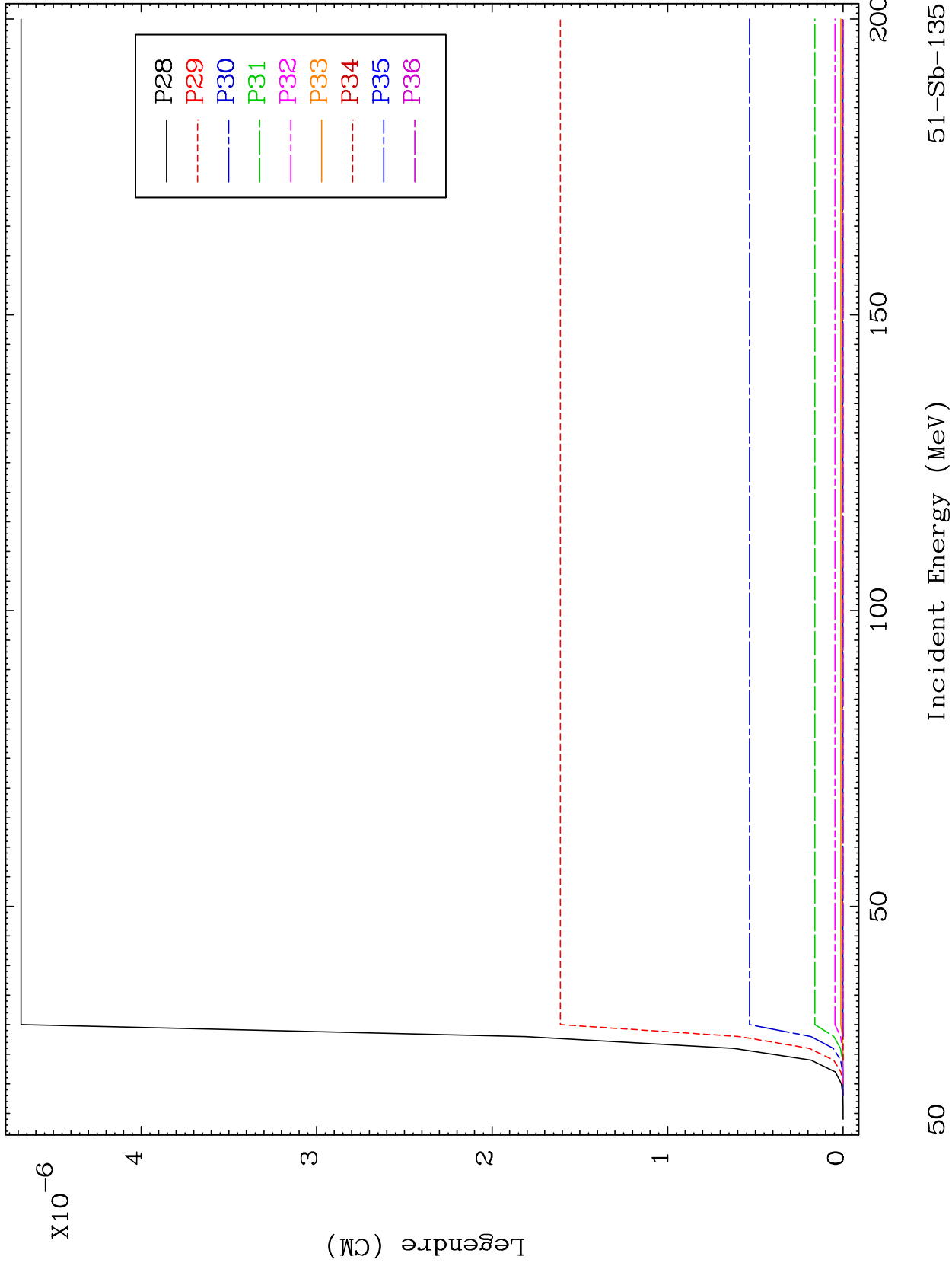
Incident Energy (MeV)

51-Sb-135

MAT 5167

1.113 MeV (n,n') Level
Legendre Coefficients

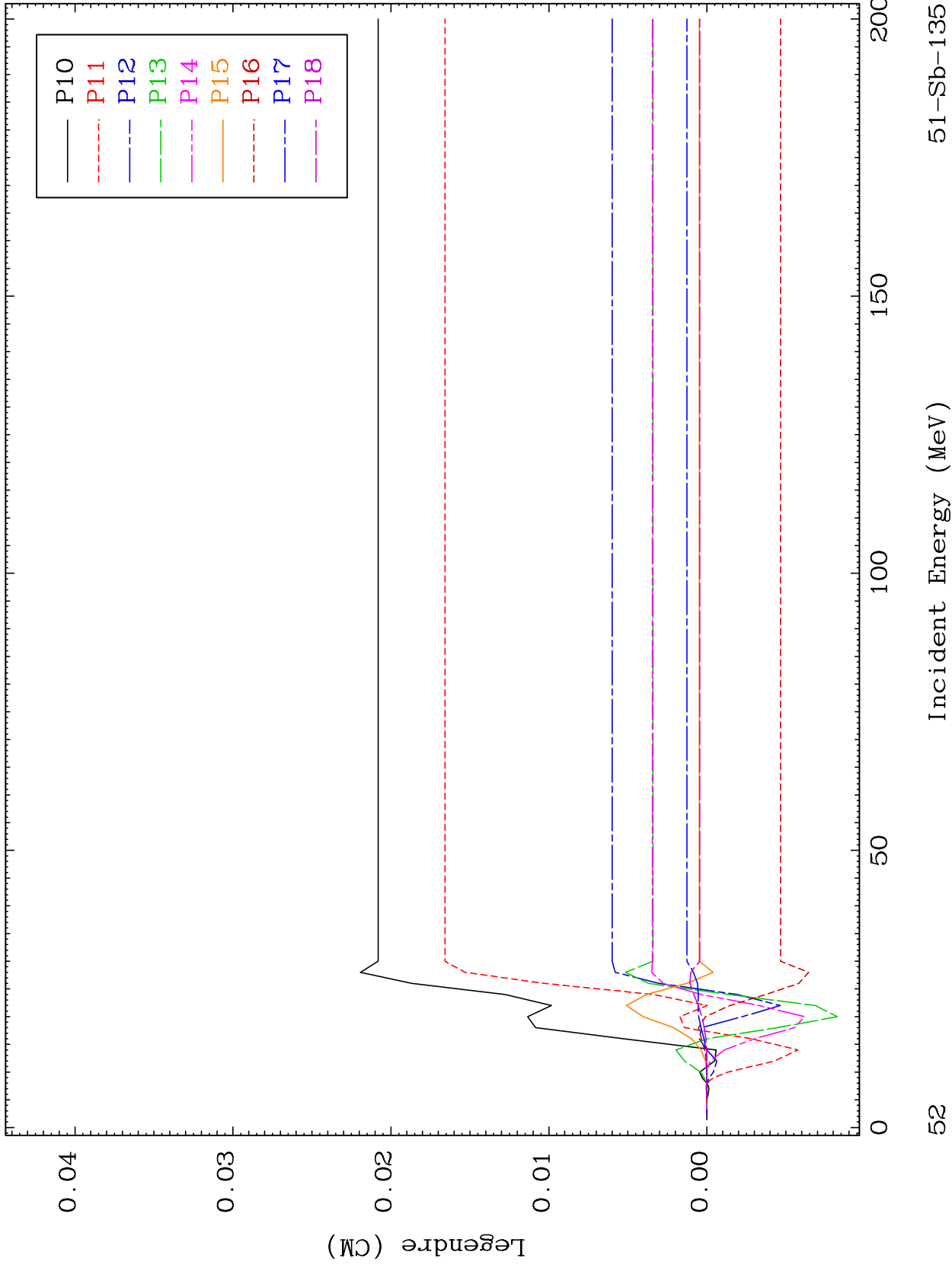
51-Sb-135



MAT 5167

1.117 MeV (n,n') Level
Legendre Coefficients

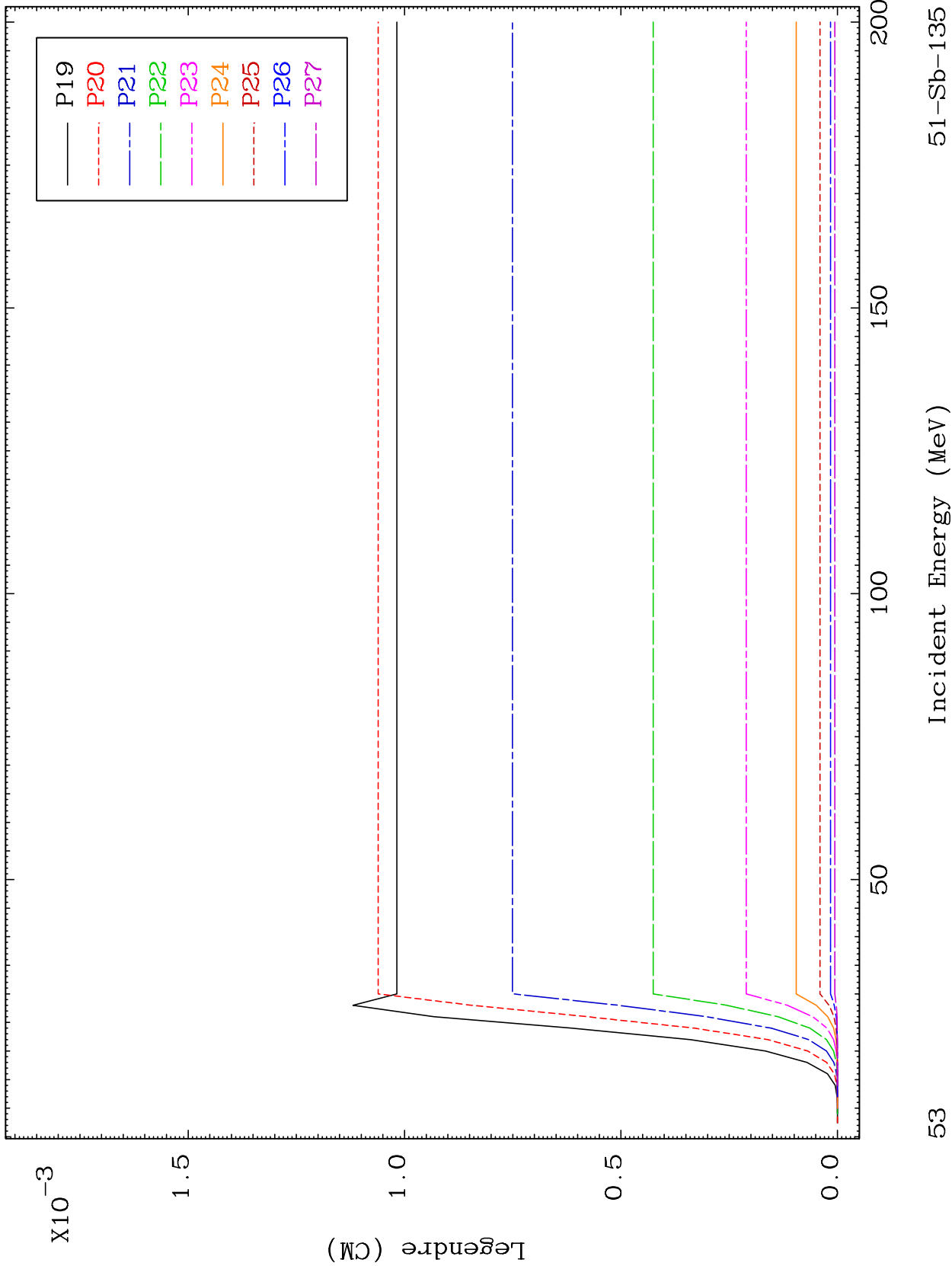
51-Sb-135



51-Sb-135

Incident Energy (MeV)

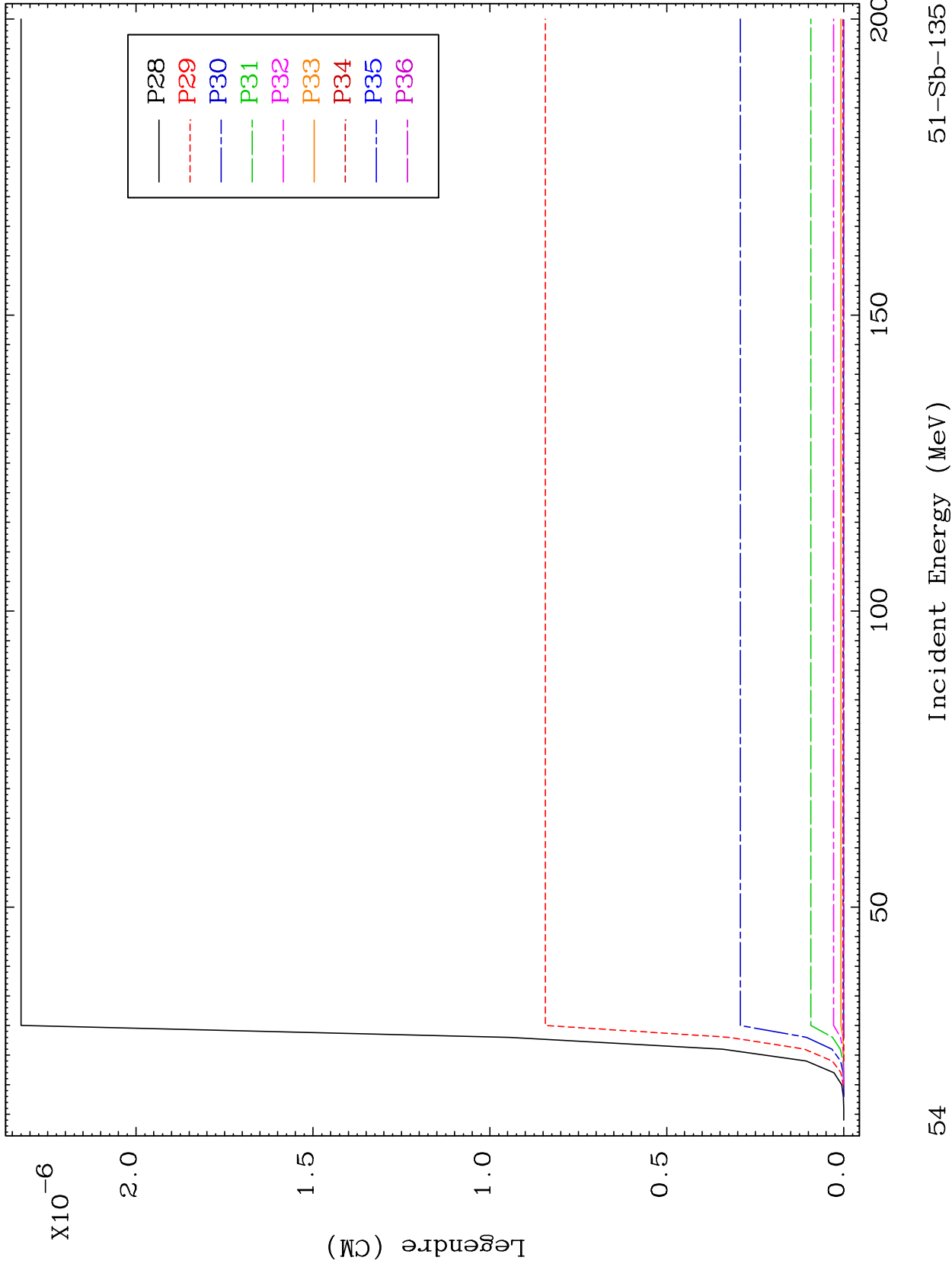
52



MAT 5167

1.117 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



54

Incident Energy (MeV)

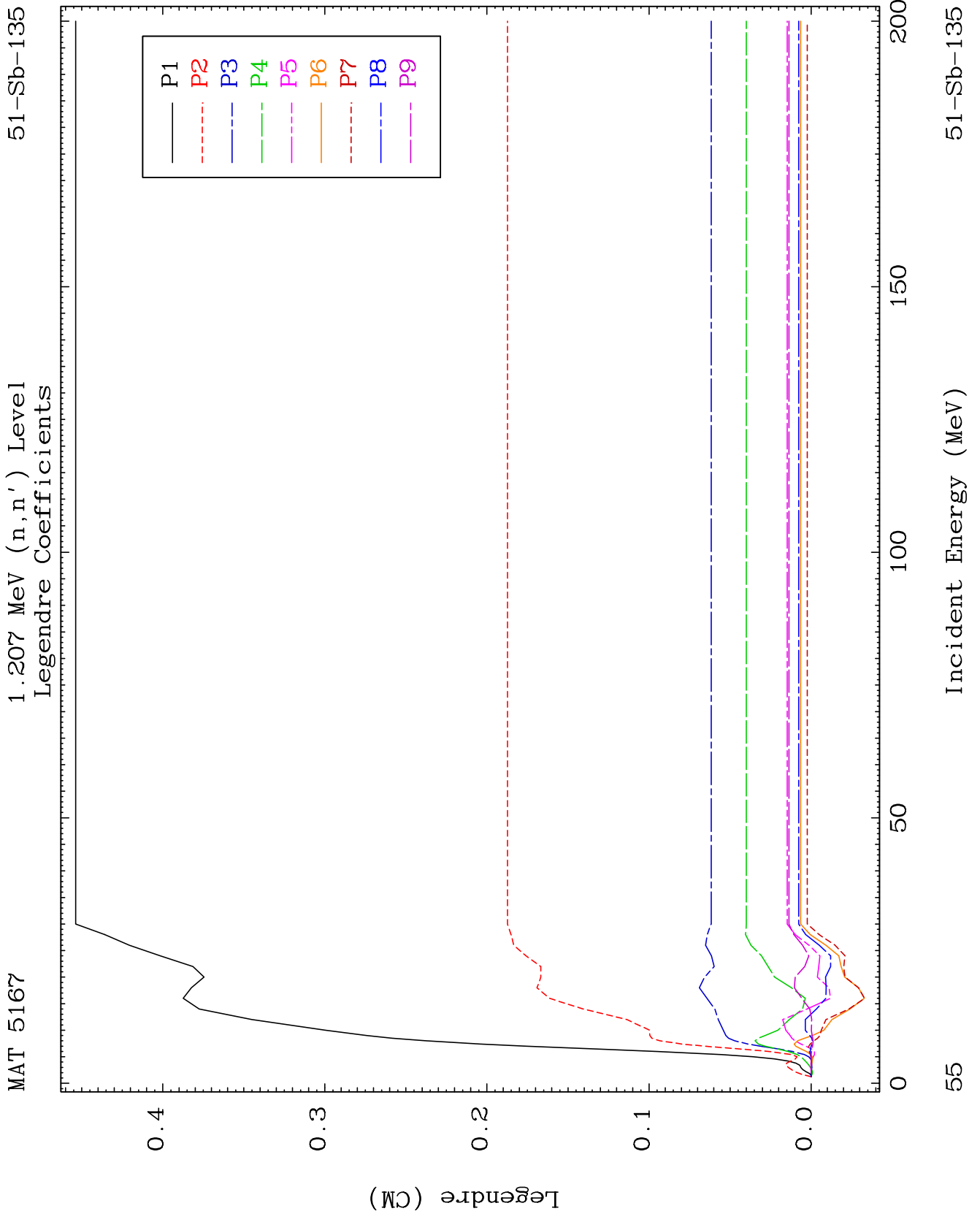
51-Sb-135

200

150

100

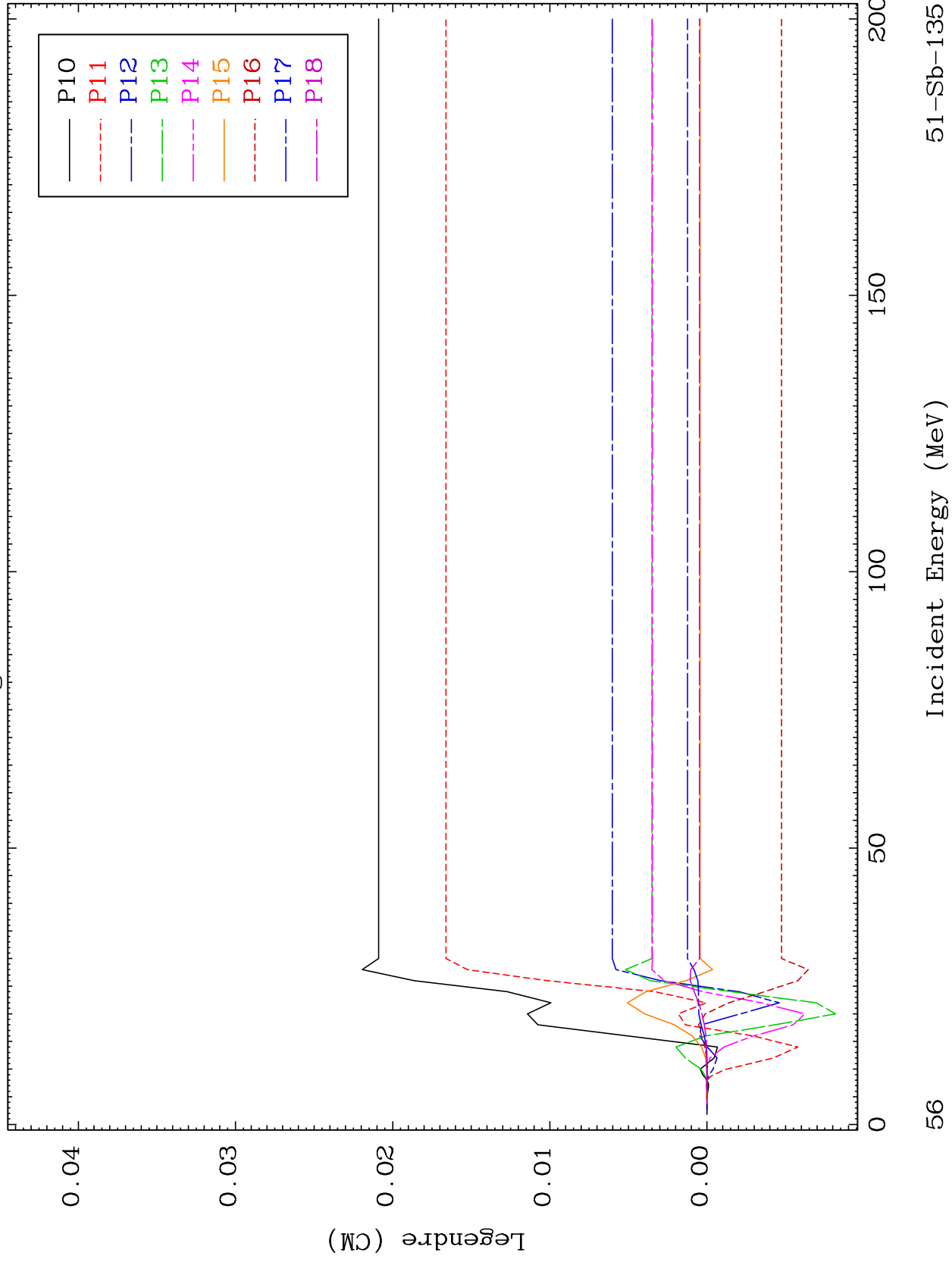
50



MAT 5167

1.207 MeV (n,n') Level
Legendre Coefficients

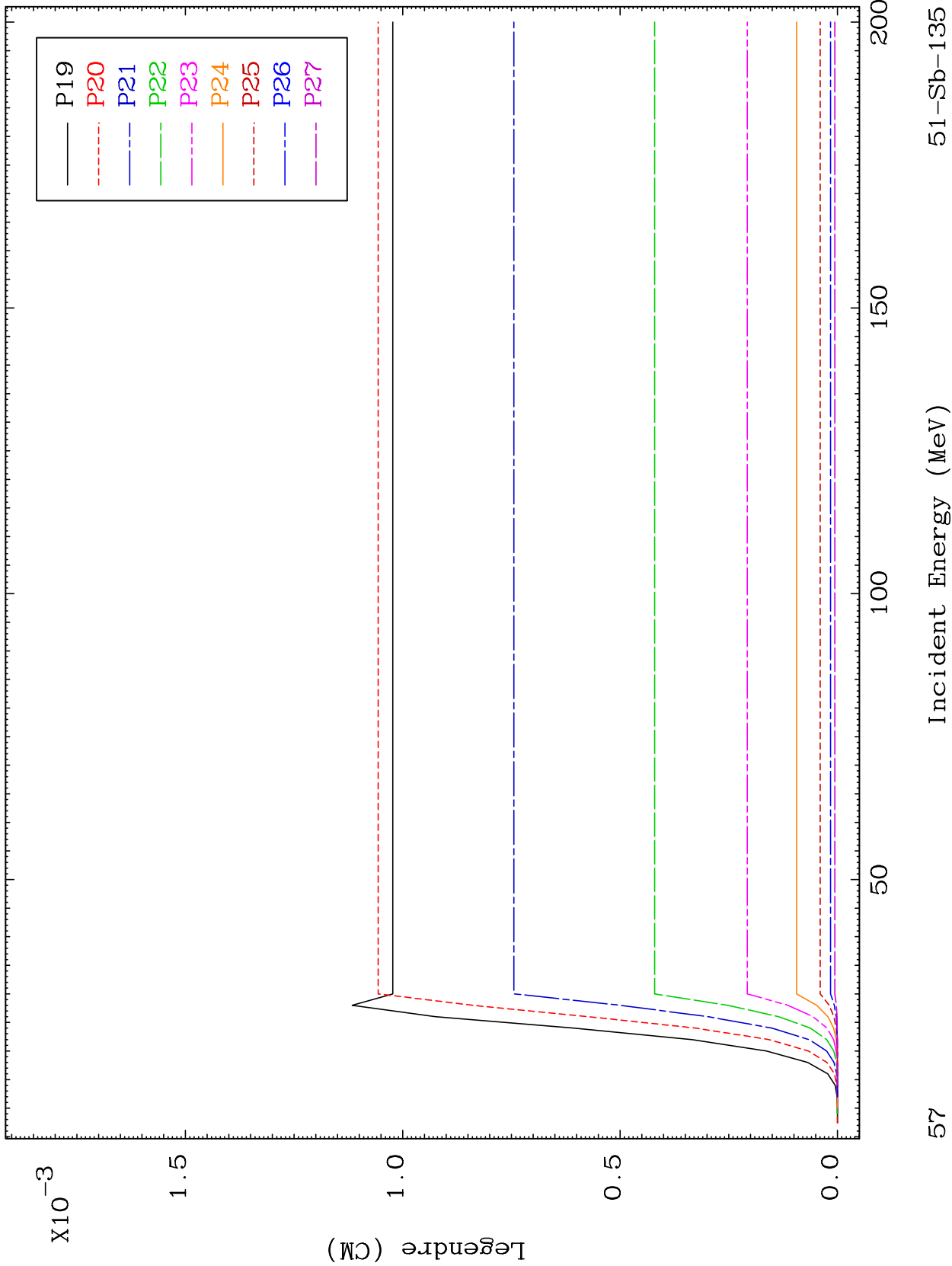
51-Sb-135



51-Sb-135

Incident Energy (MeV)

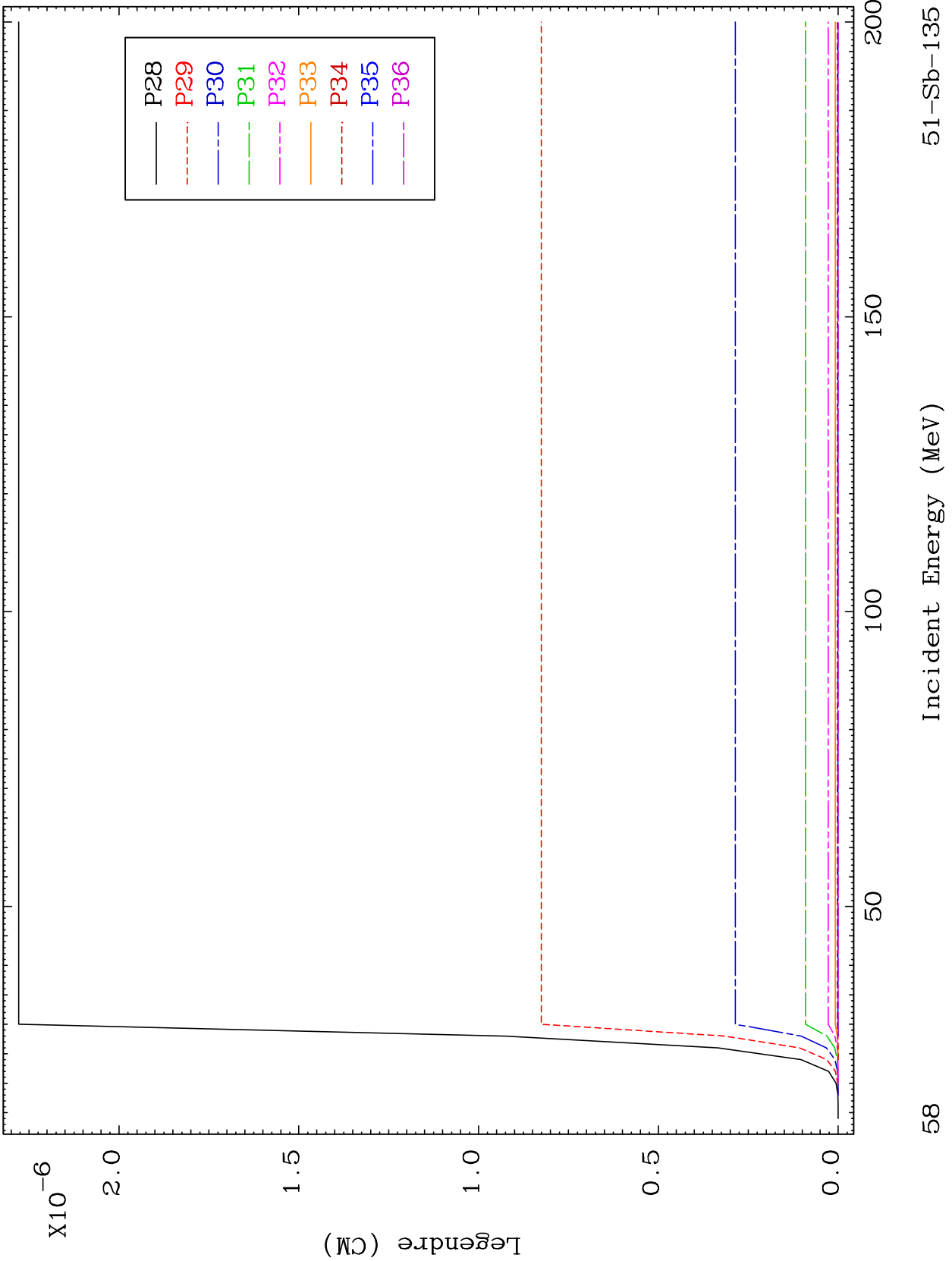
56



MAT 5167

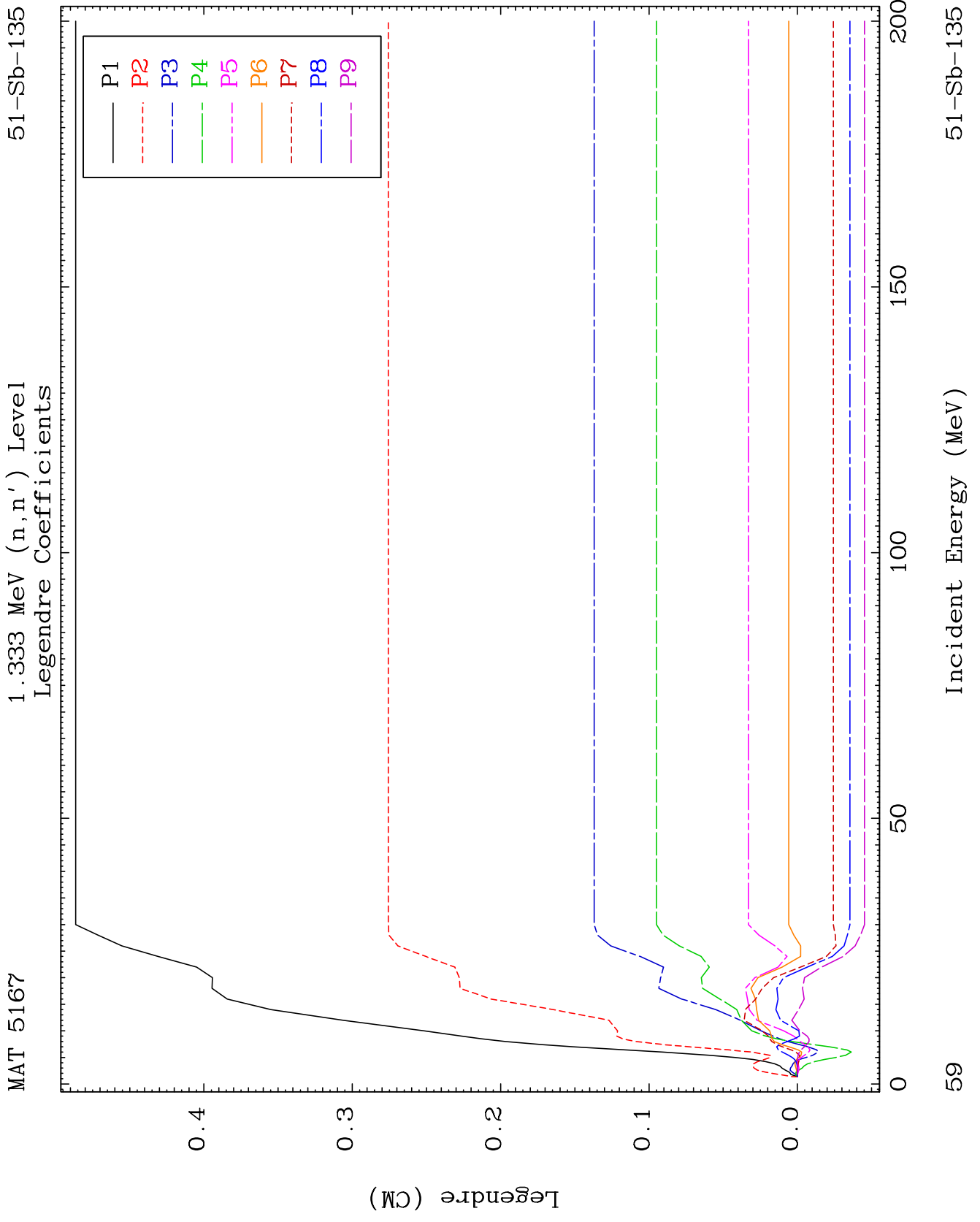
1.207 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



58

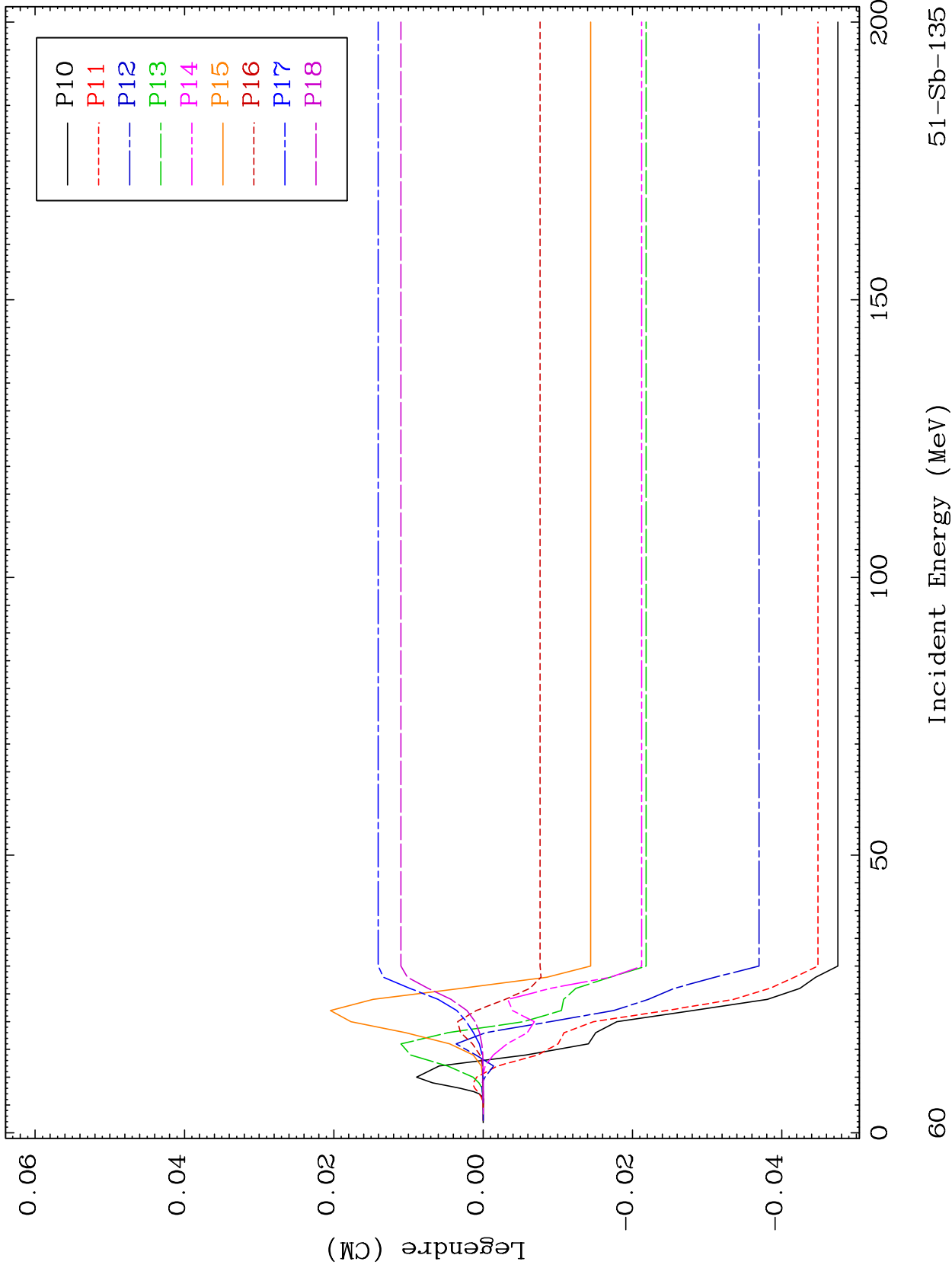
51-Sb-135



MAT 5167

1.333 MeV (n,n') Level
Legendre Coefficients

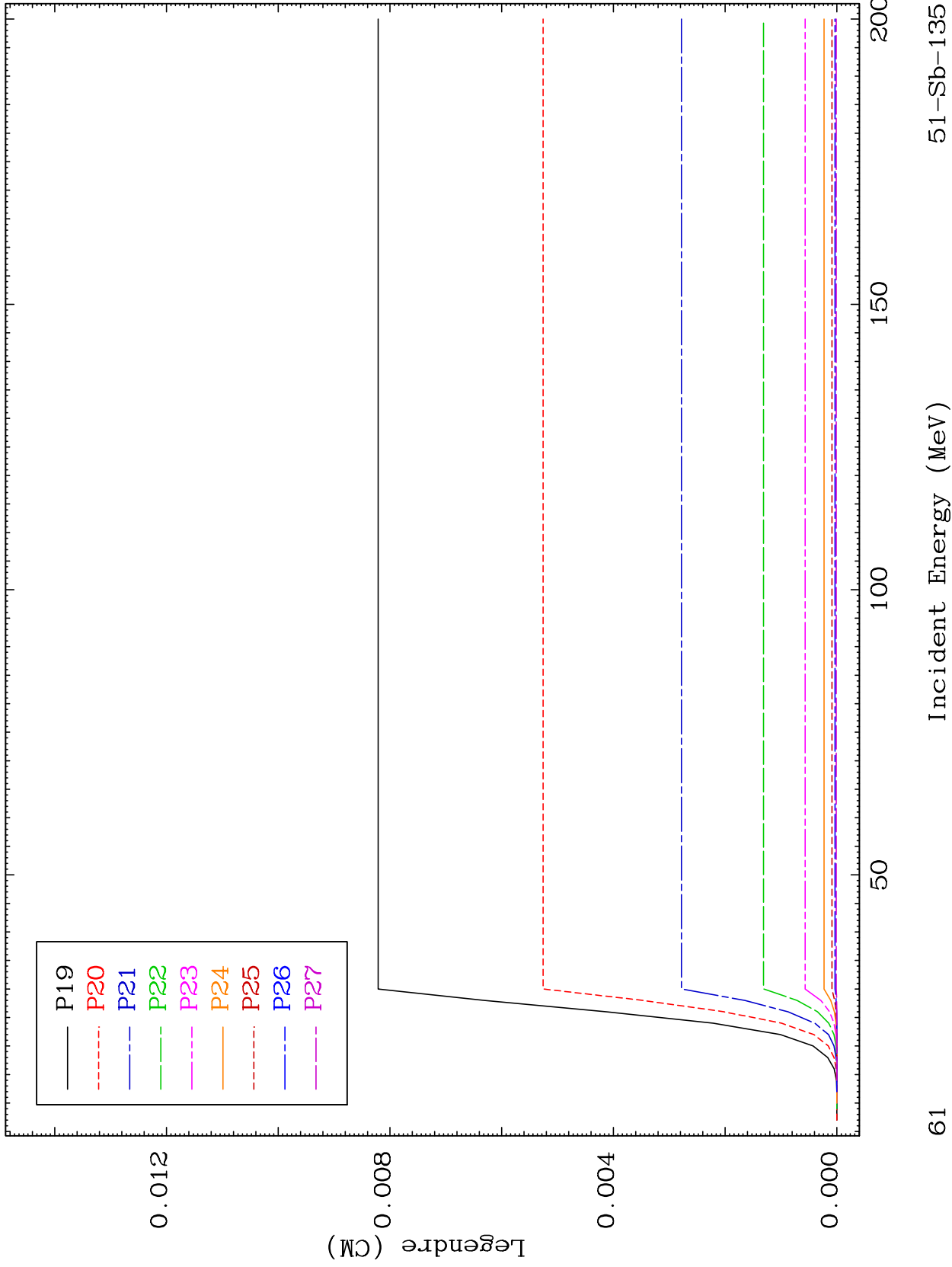
51-Sb-135

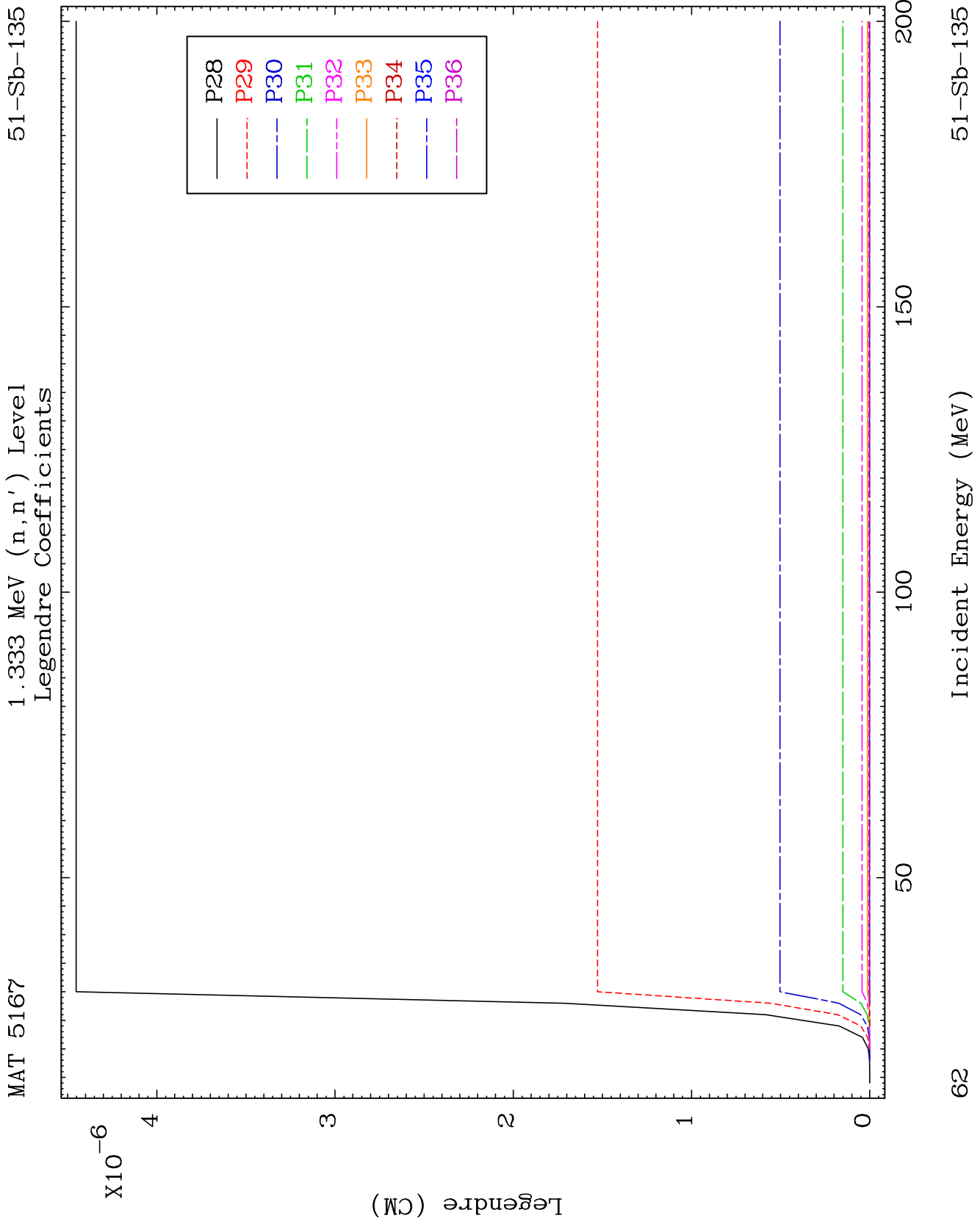


51-Sb-135

Incident Energy (MeV)

60

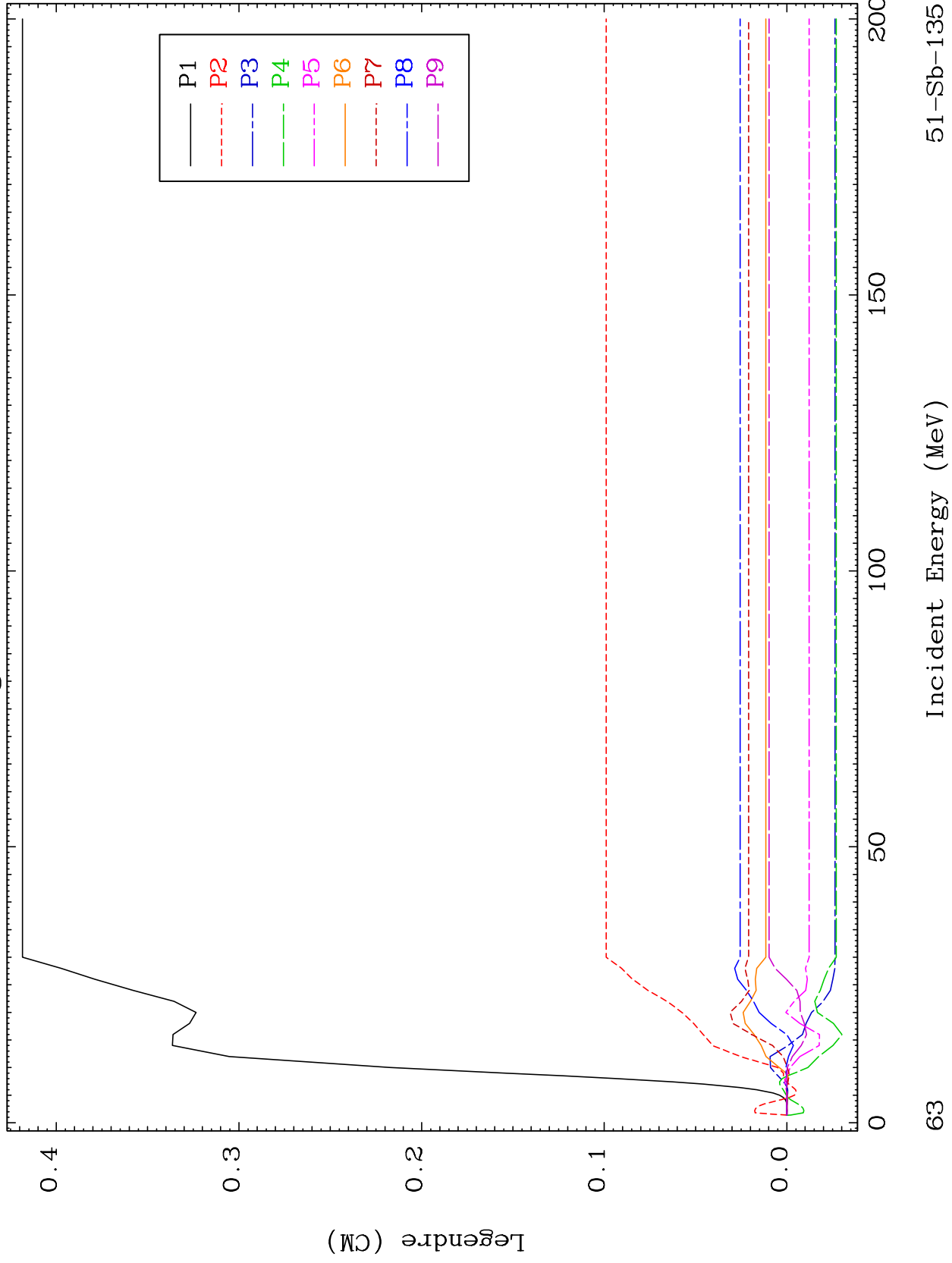




MAT 5167

1.342 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



51-Sb-135

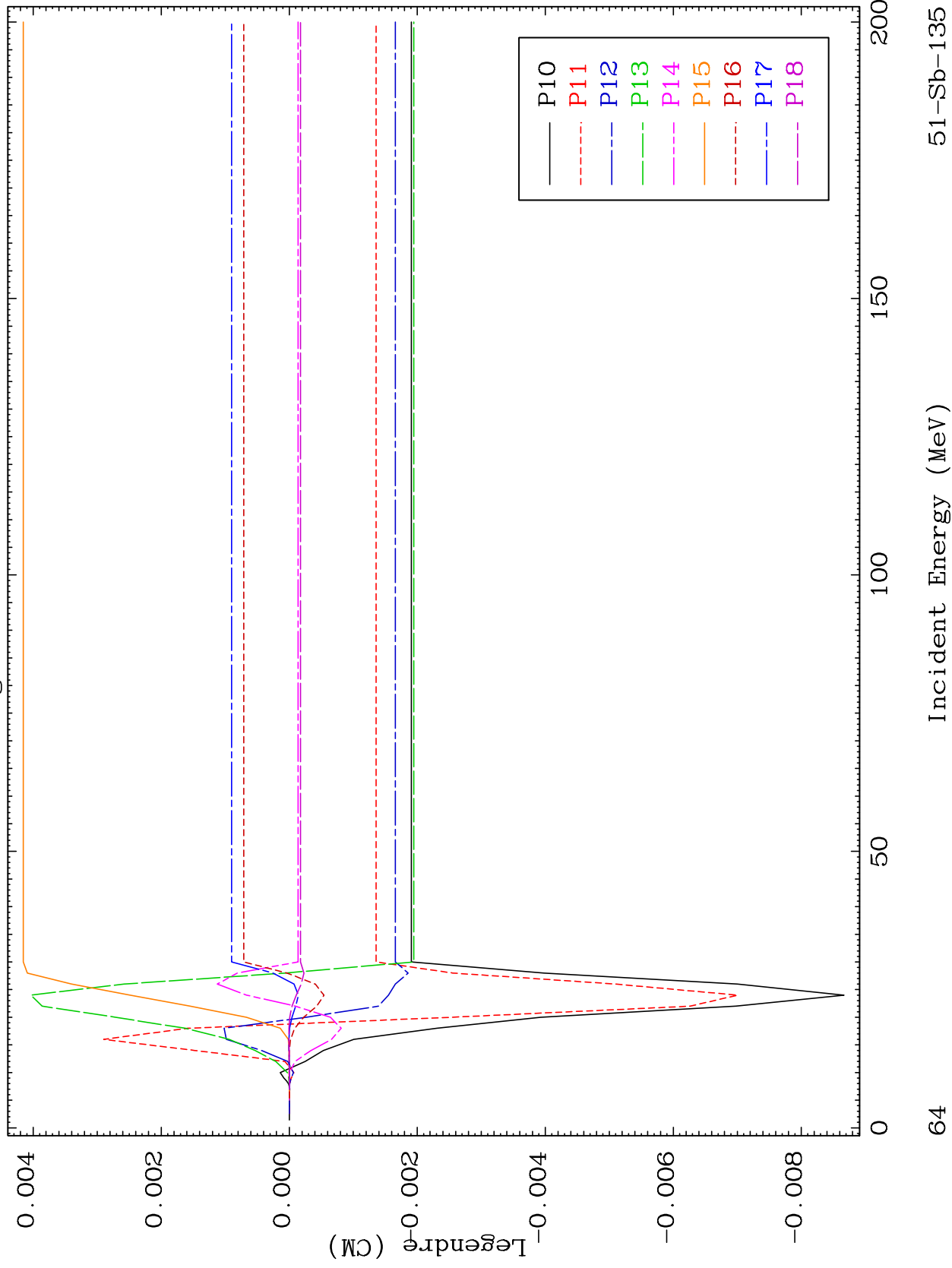
Incident Energy (MeV)

63

MAT 5167

1.342 MeV (n,n') Level
Legendre Coefficients

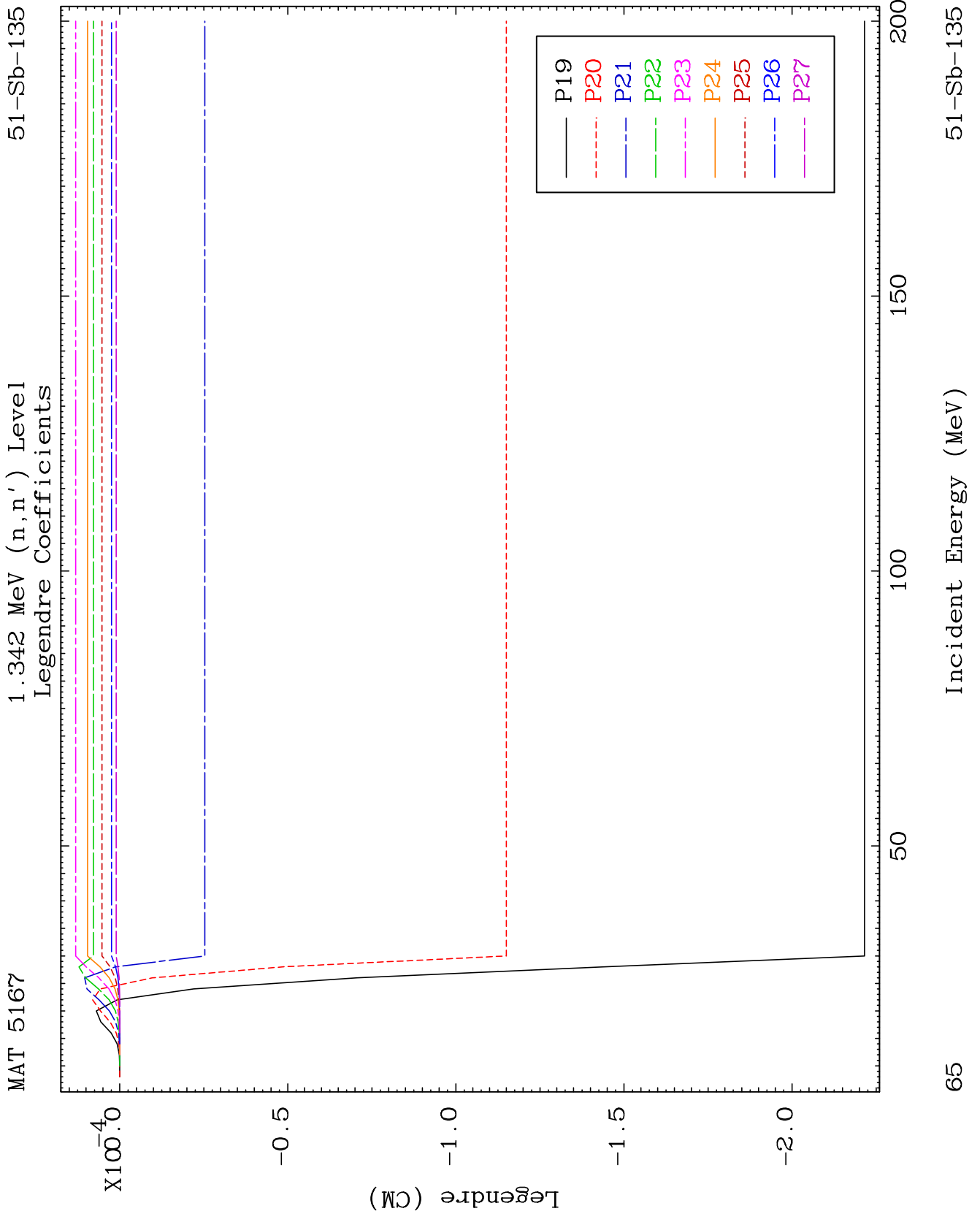
51-Sb-135



51-Sb-135

Incident Energy (MeV)

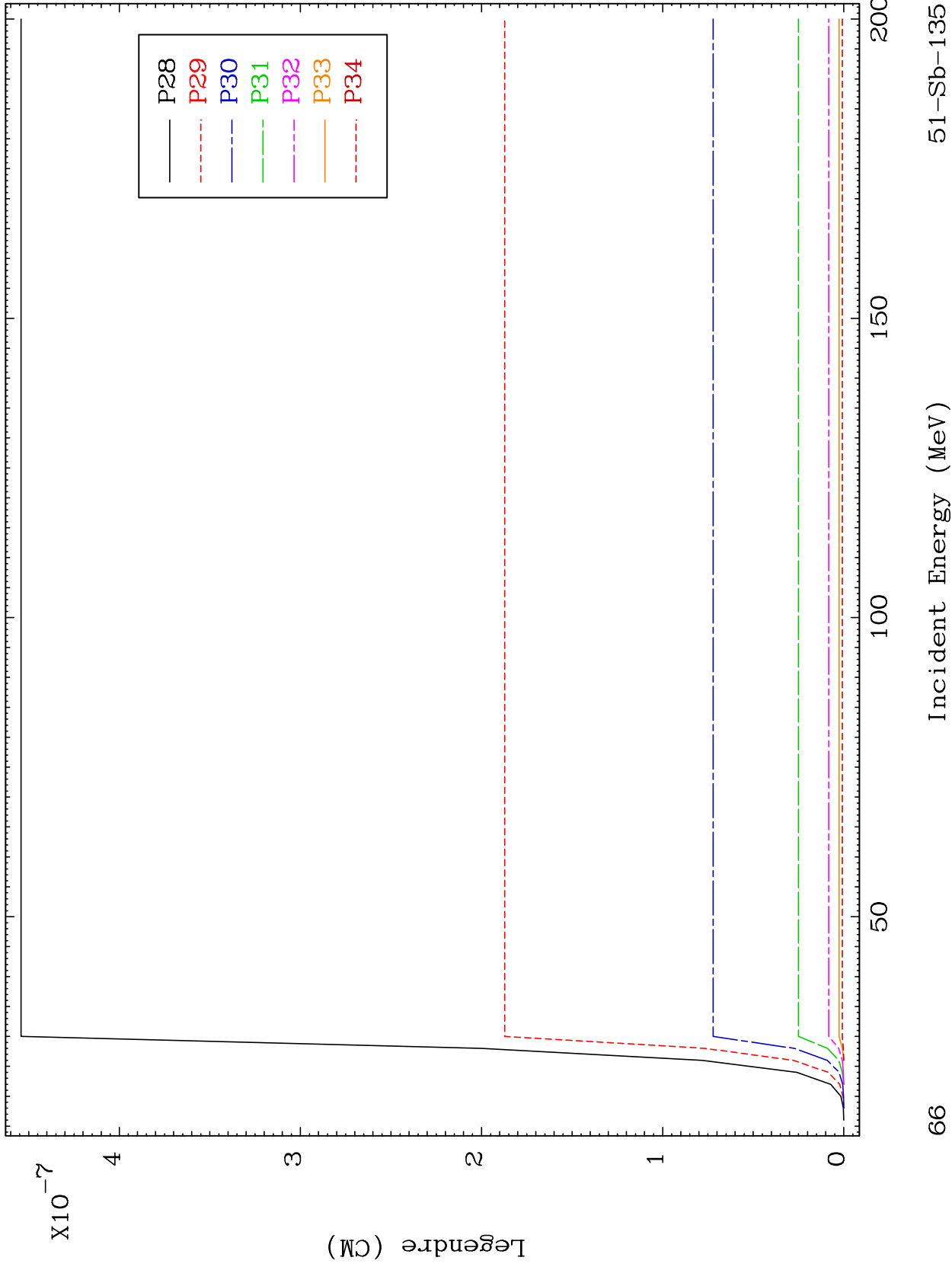
64



MAT 5167

1.342 MeV (n,n') Level
Legendre Coefficients

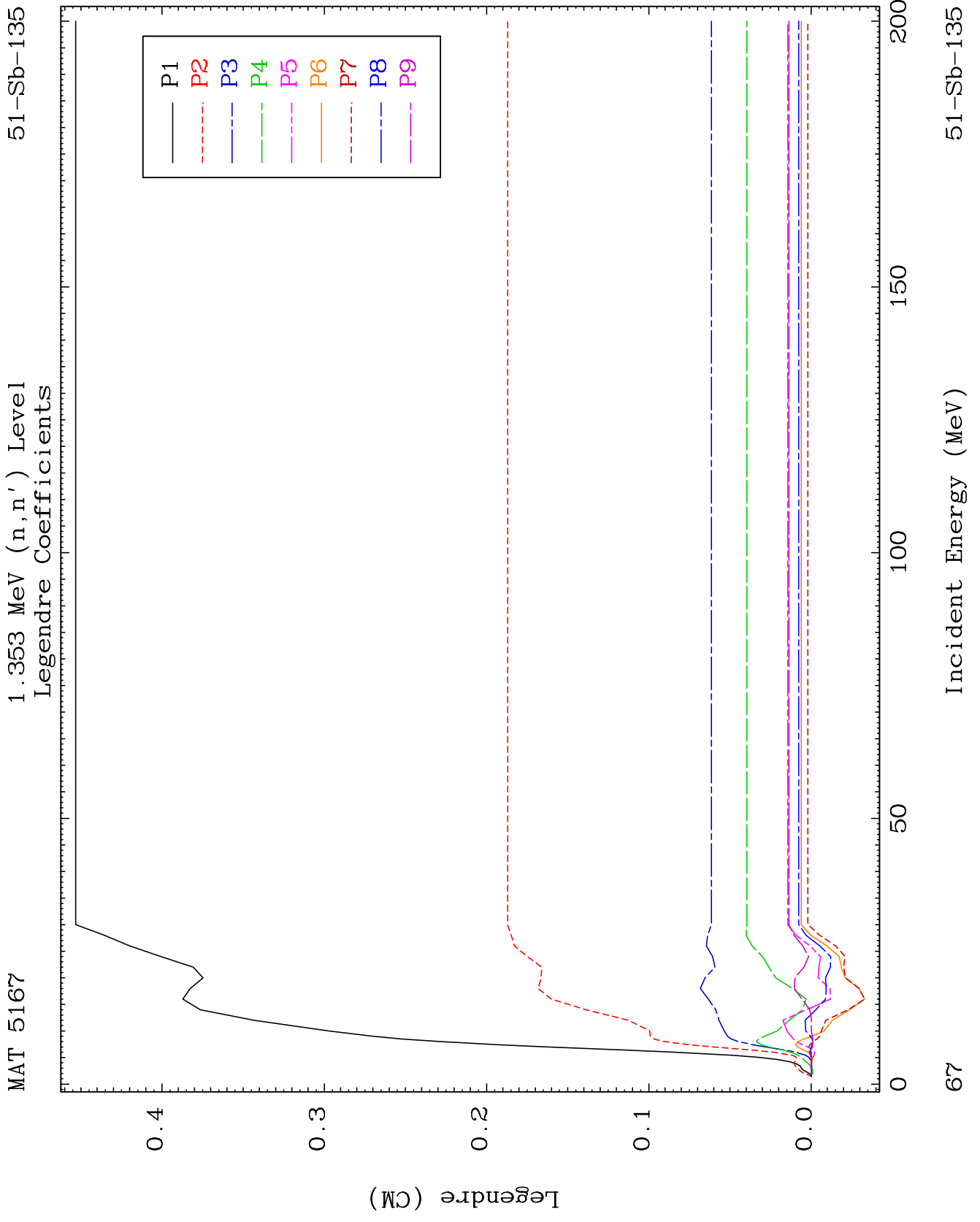
51-Sb-135



66

Incident Energy (MeV)

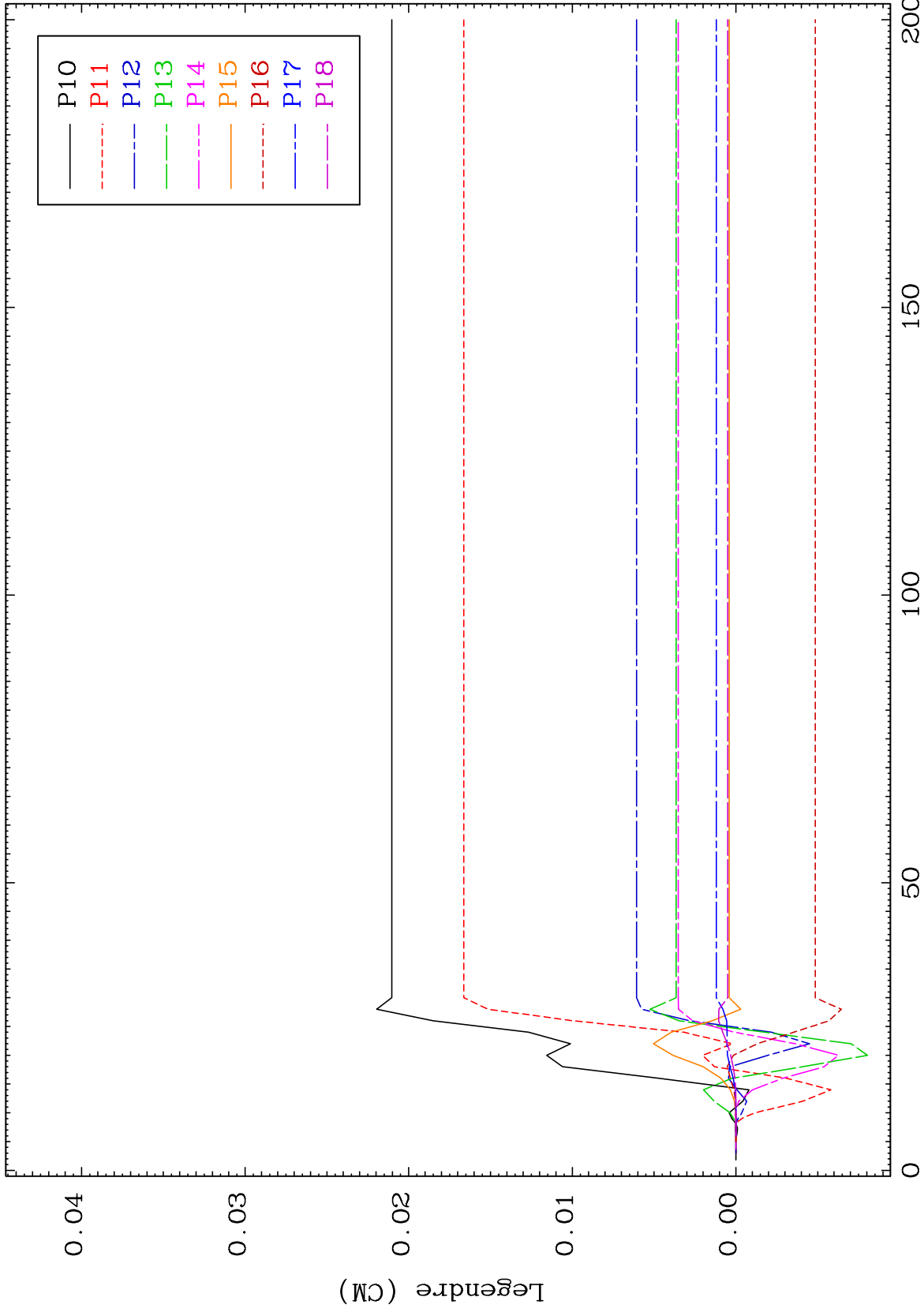
51-Sb-135



MAT 5167

1.353 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



68

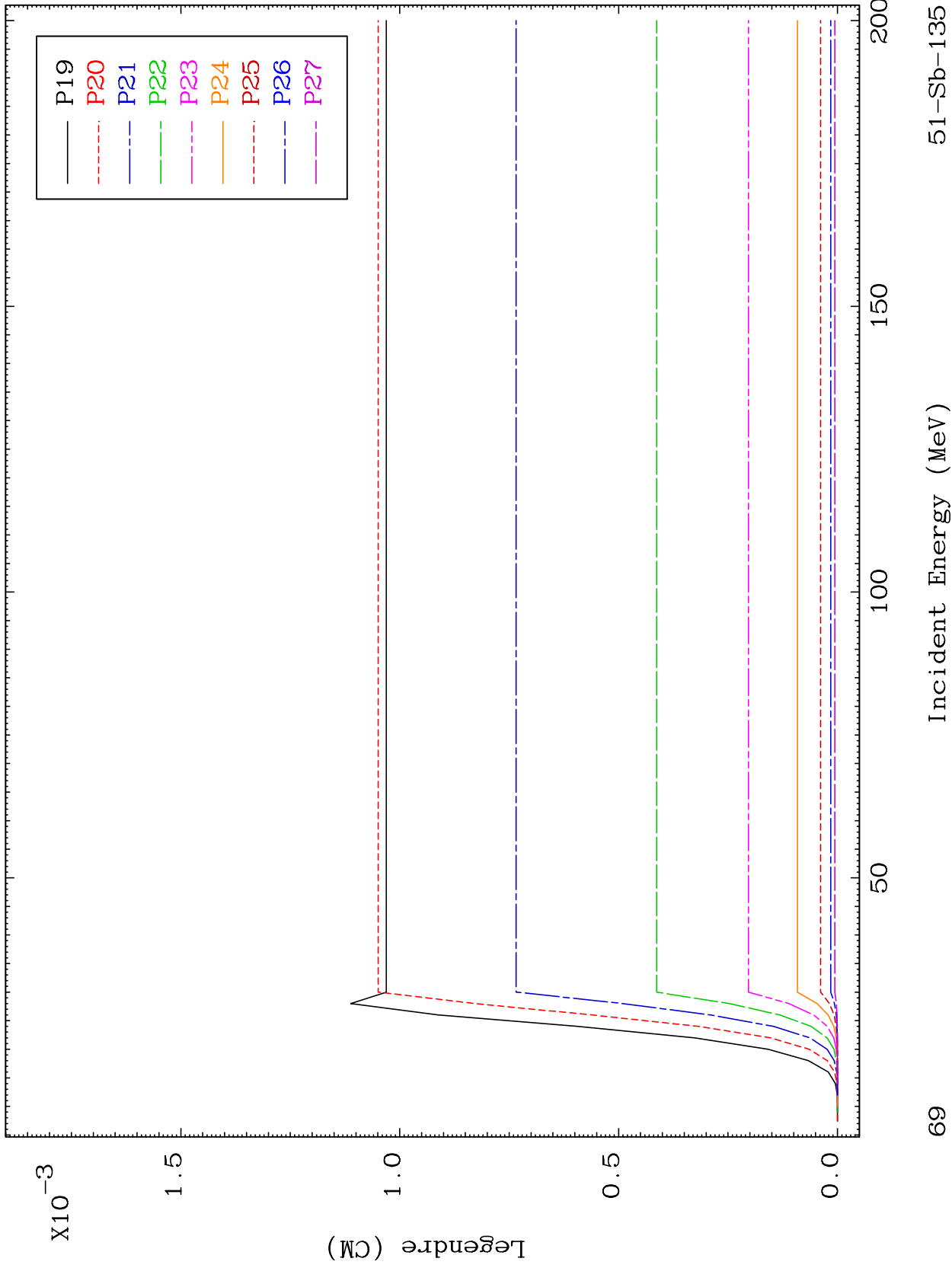
Incident Energy (MeV)

51-Sb-135

MAT 5167

1.353 MeV (n,n') Level
Legendre Coefficients

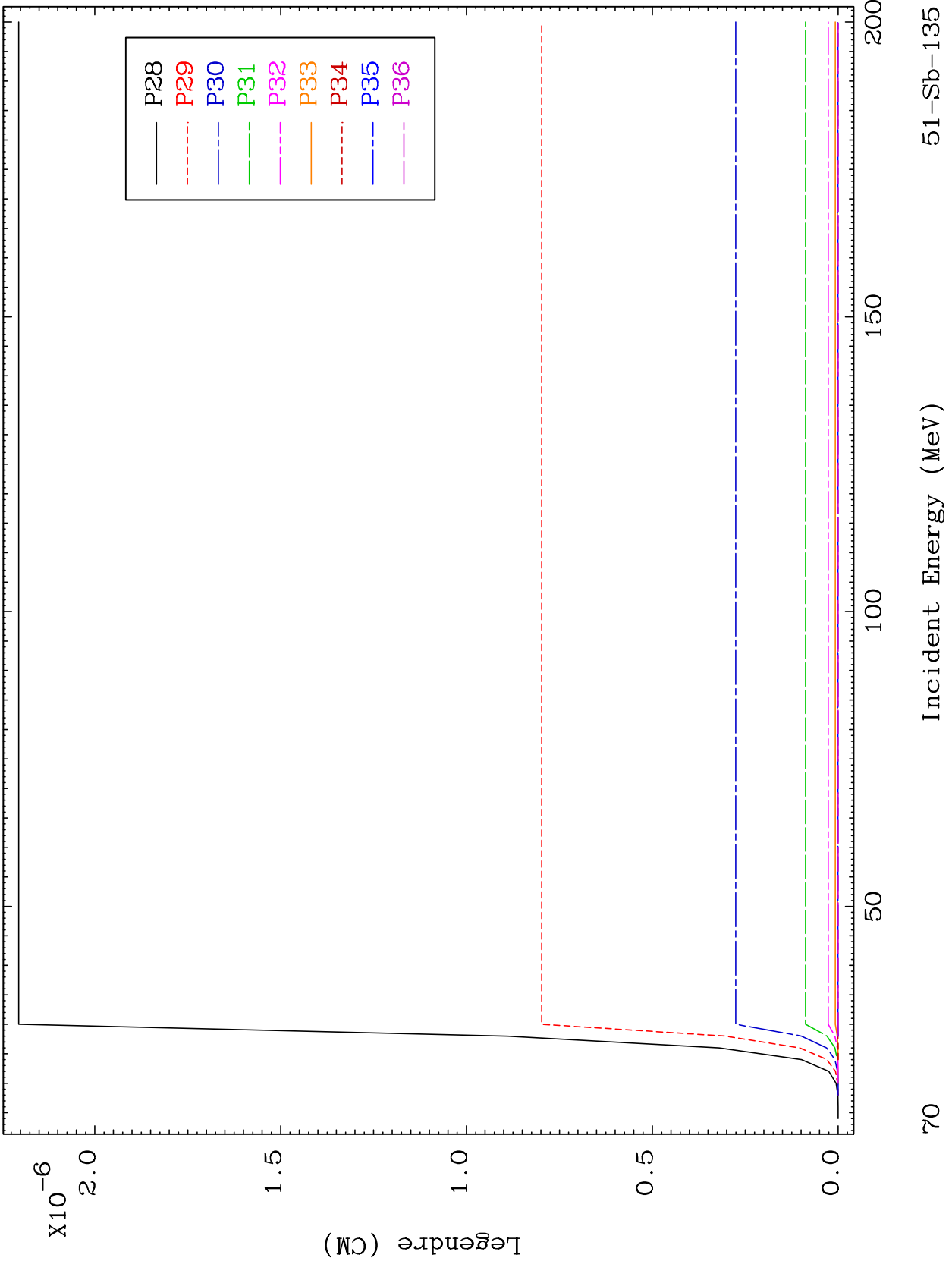
51-Sb-135



MAT 5167

1.353 MeV (n,n') Level
Legendre Coefficients

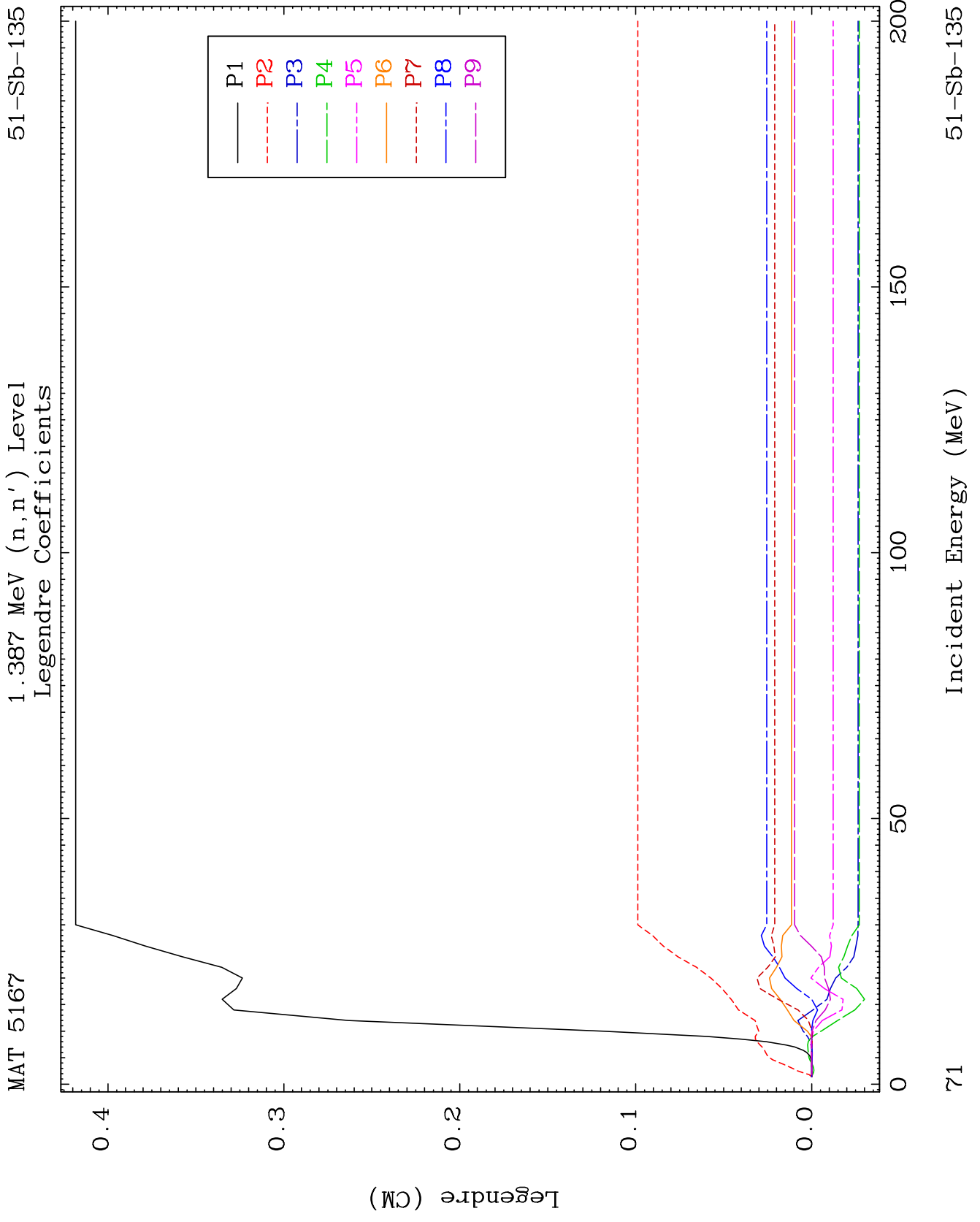
51-Sb-135

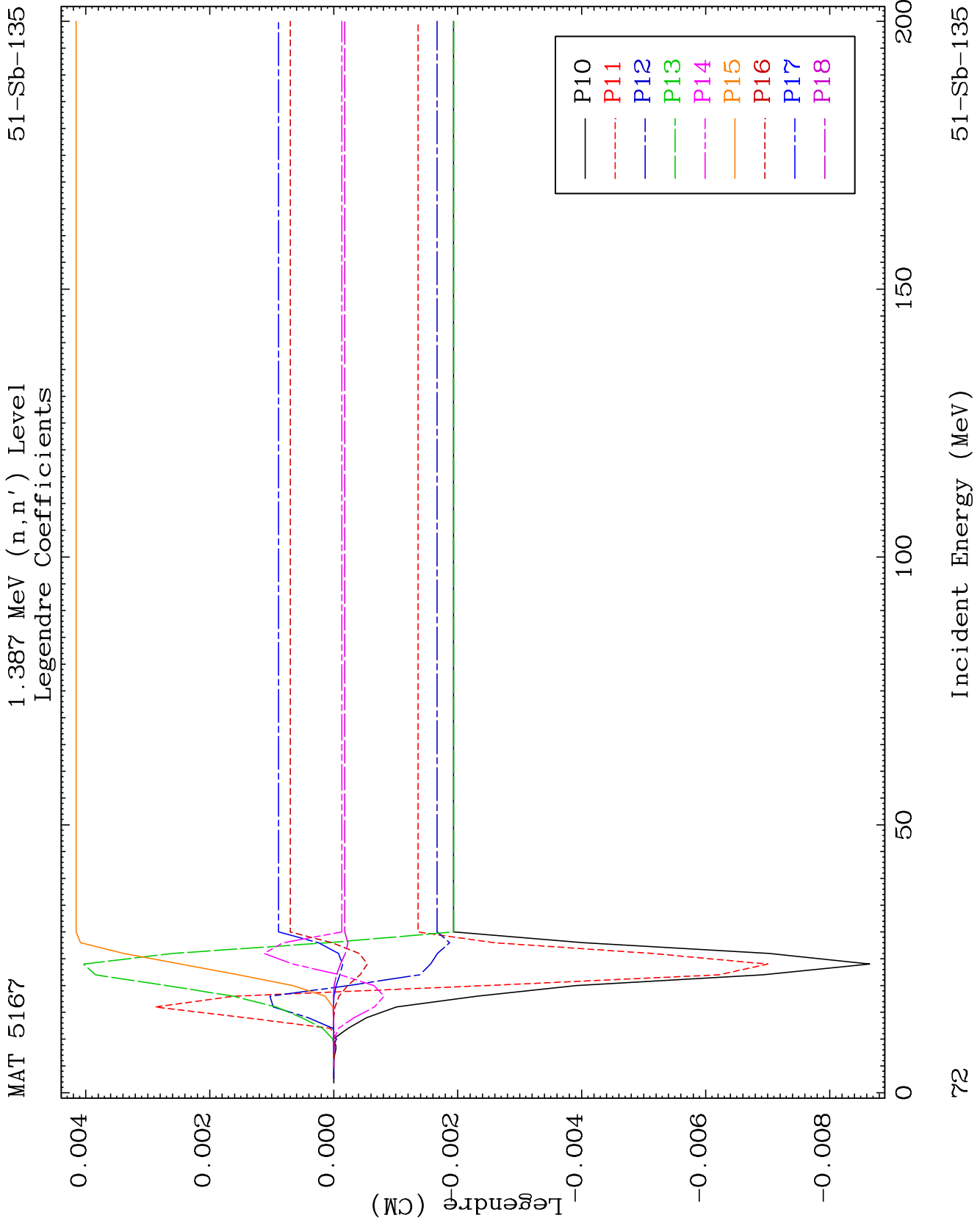


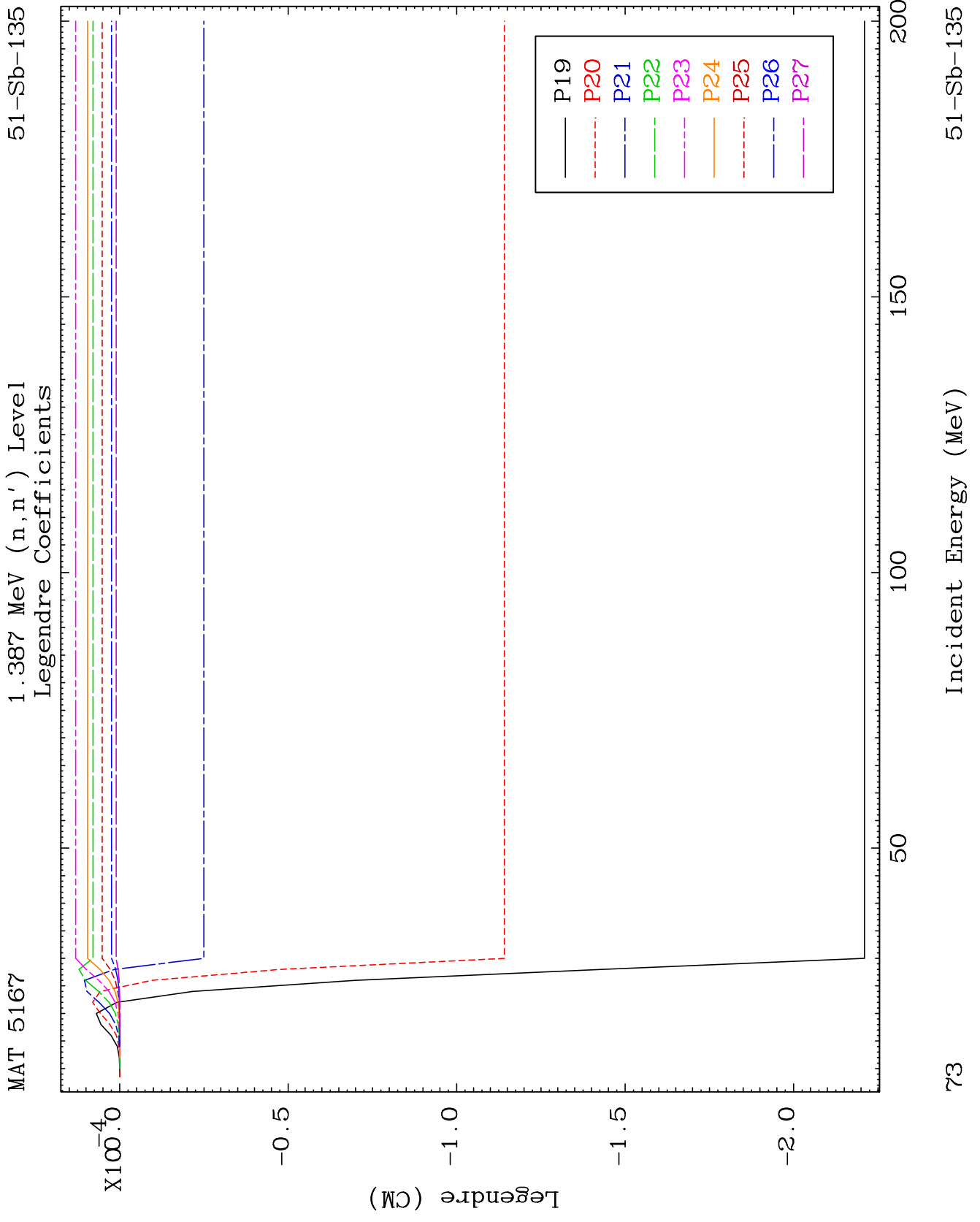
70

Incident Energy (MeV)

51-Sb-135



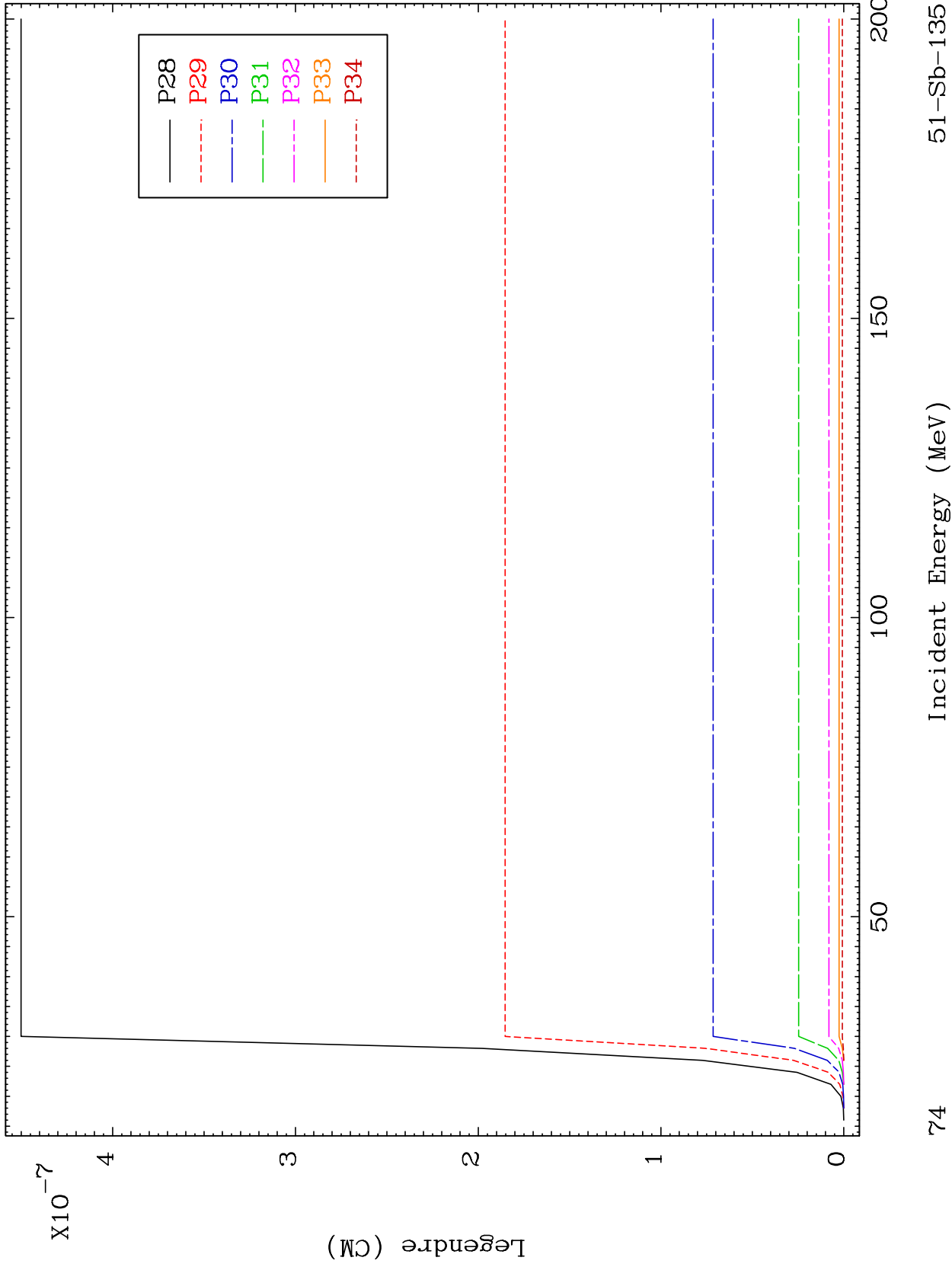




MAT 5167

1.387 MeV (n,n') Level
Legendre Coefficients

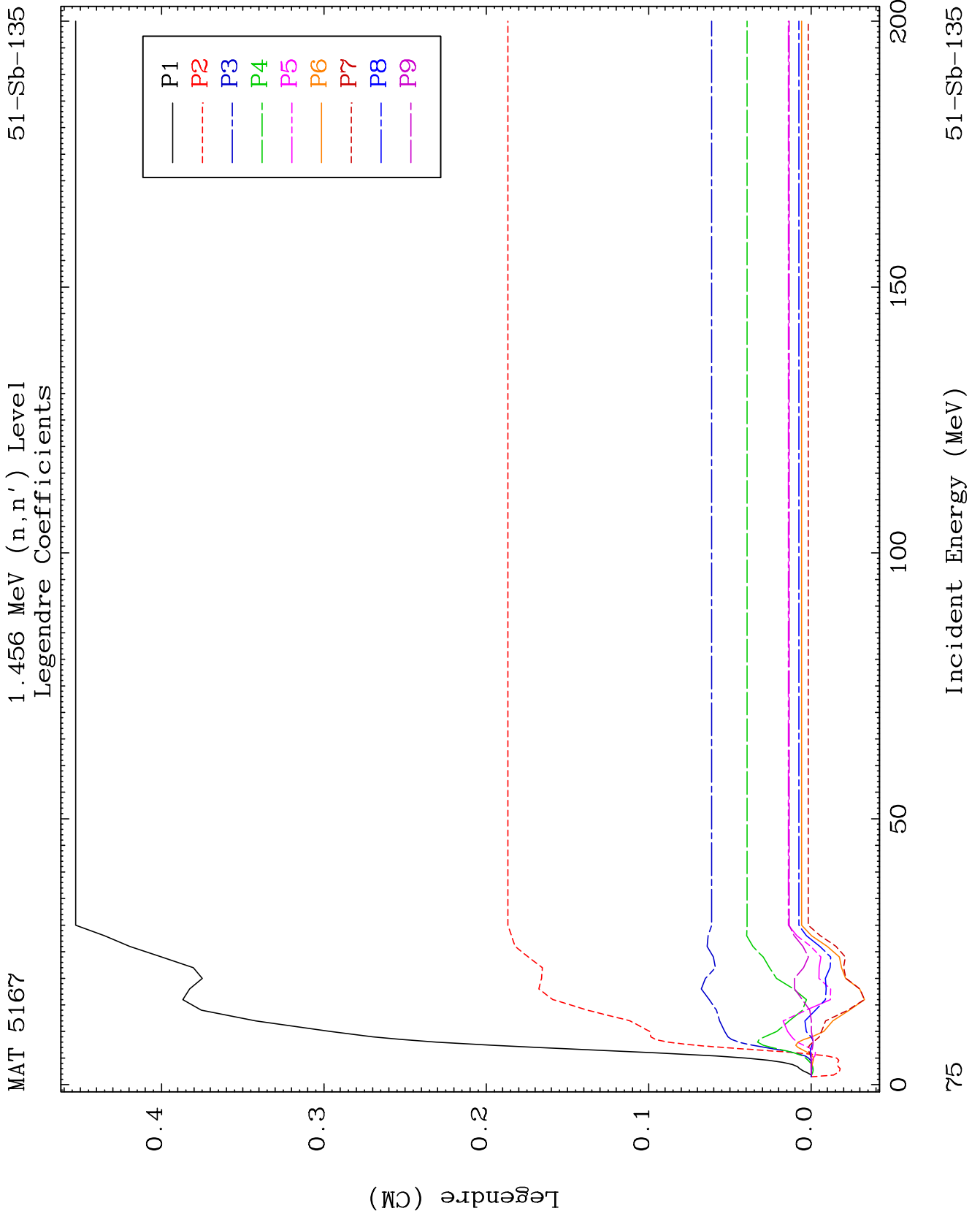
51-Sb-135



74

Incident Energy (MeV)

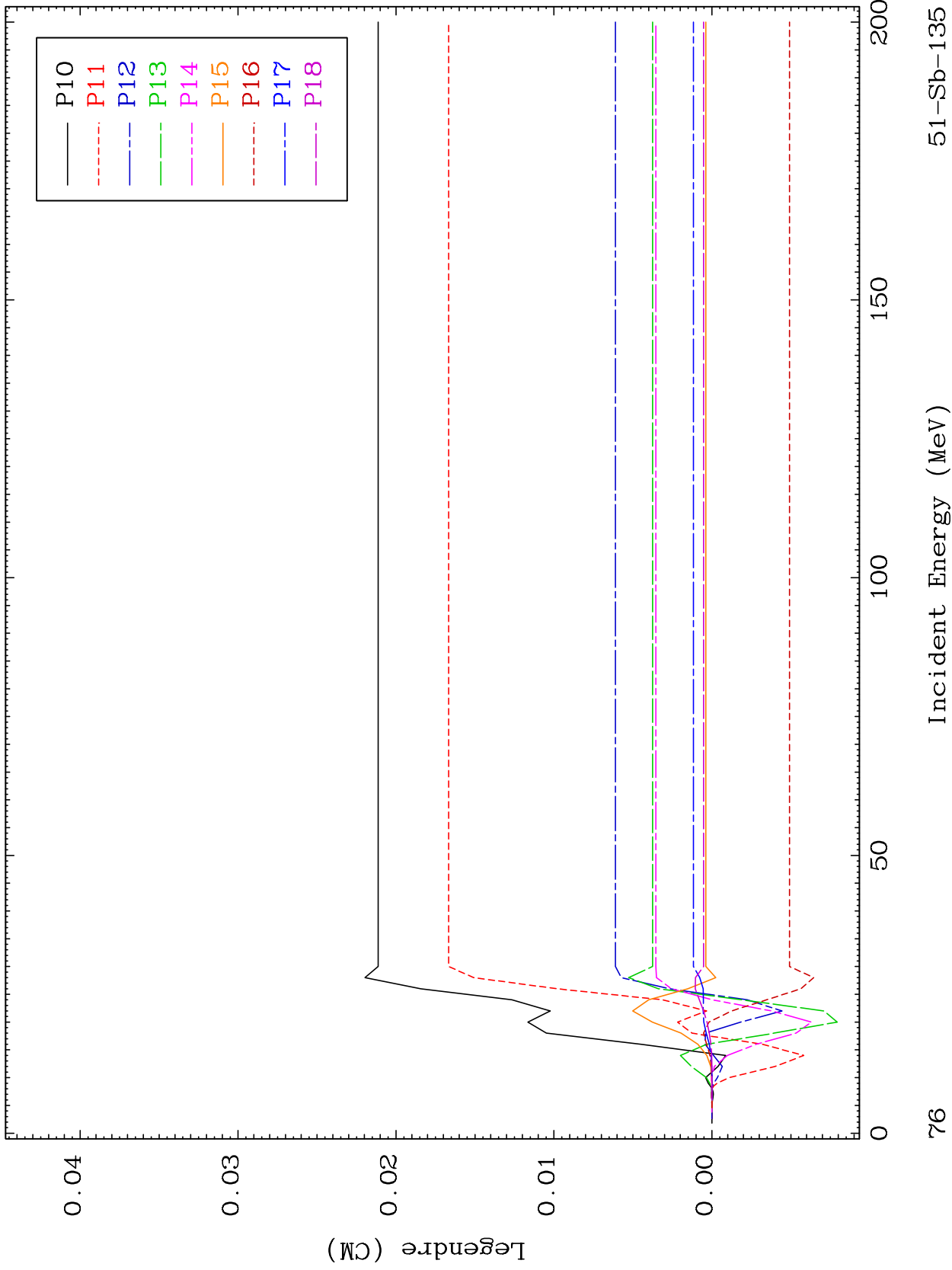
51-Sb-135



MAT 5167

1.456 MeV (n,n') Level
Legendre Coefficients

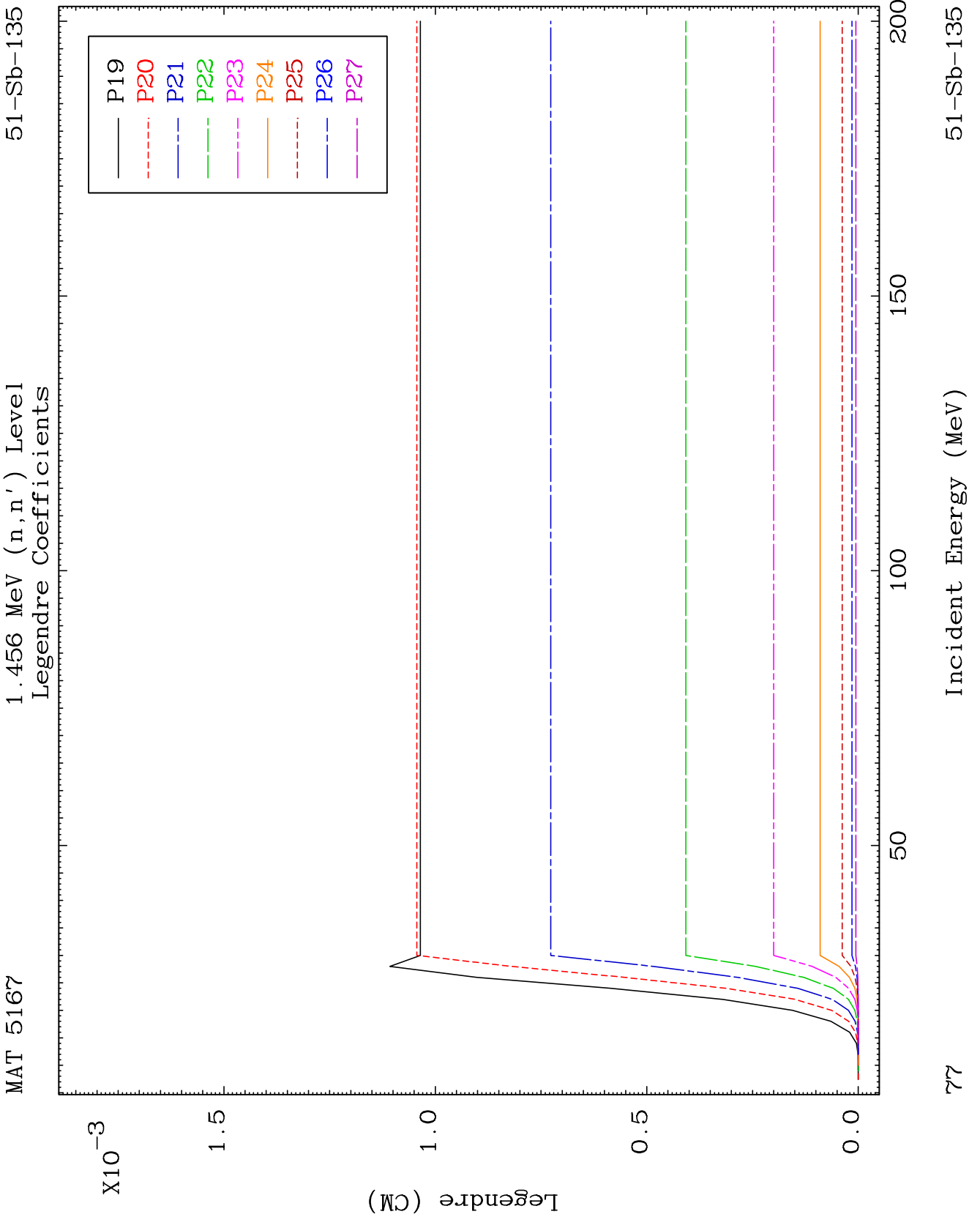
51-Sb-135

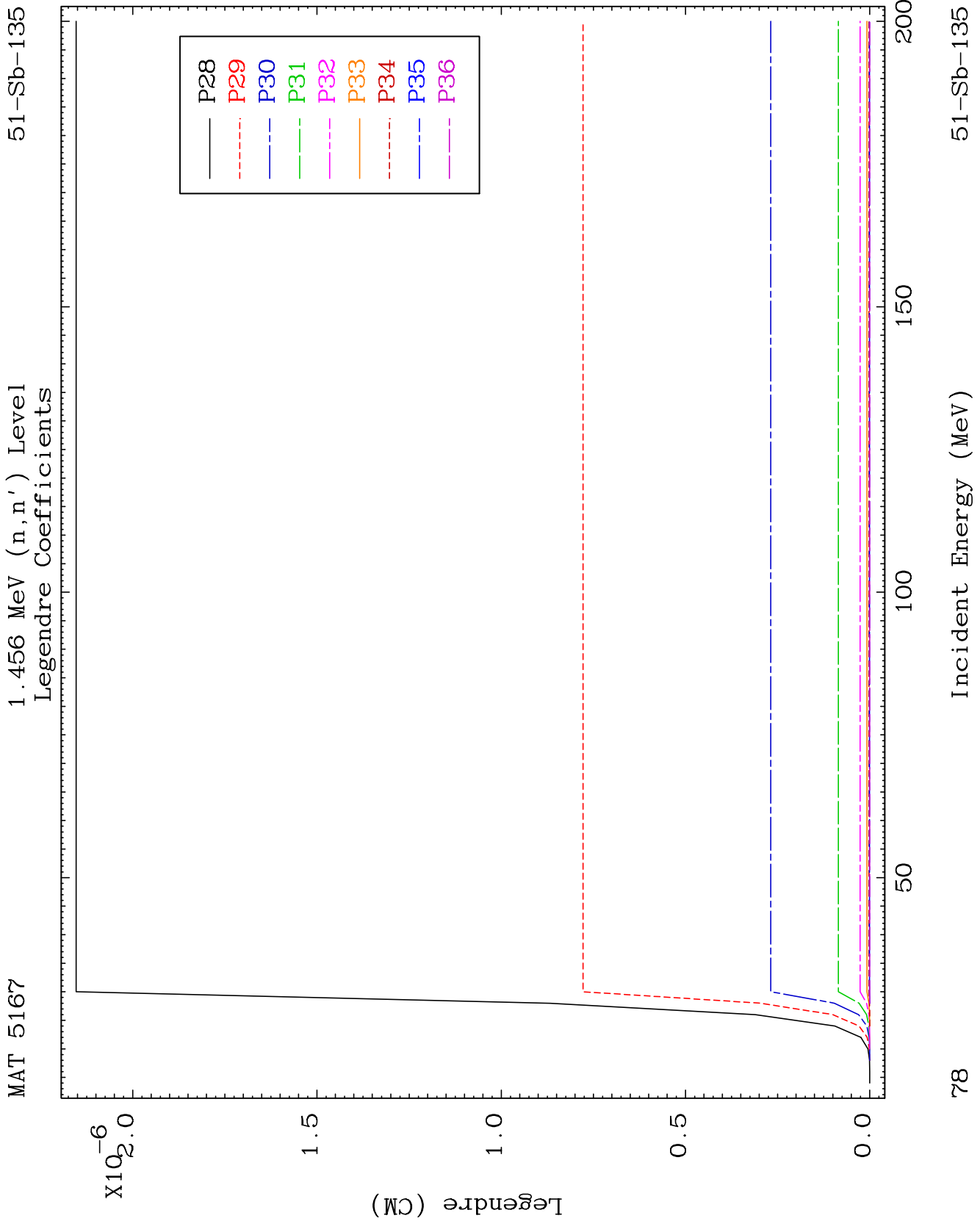


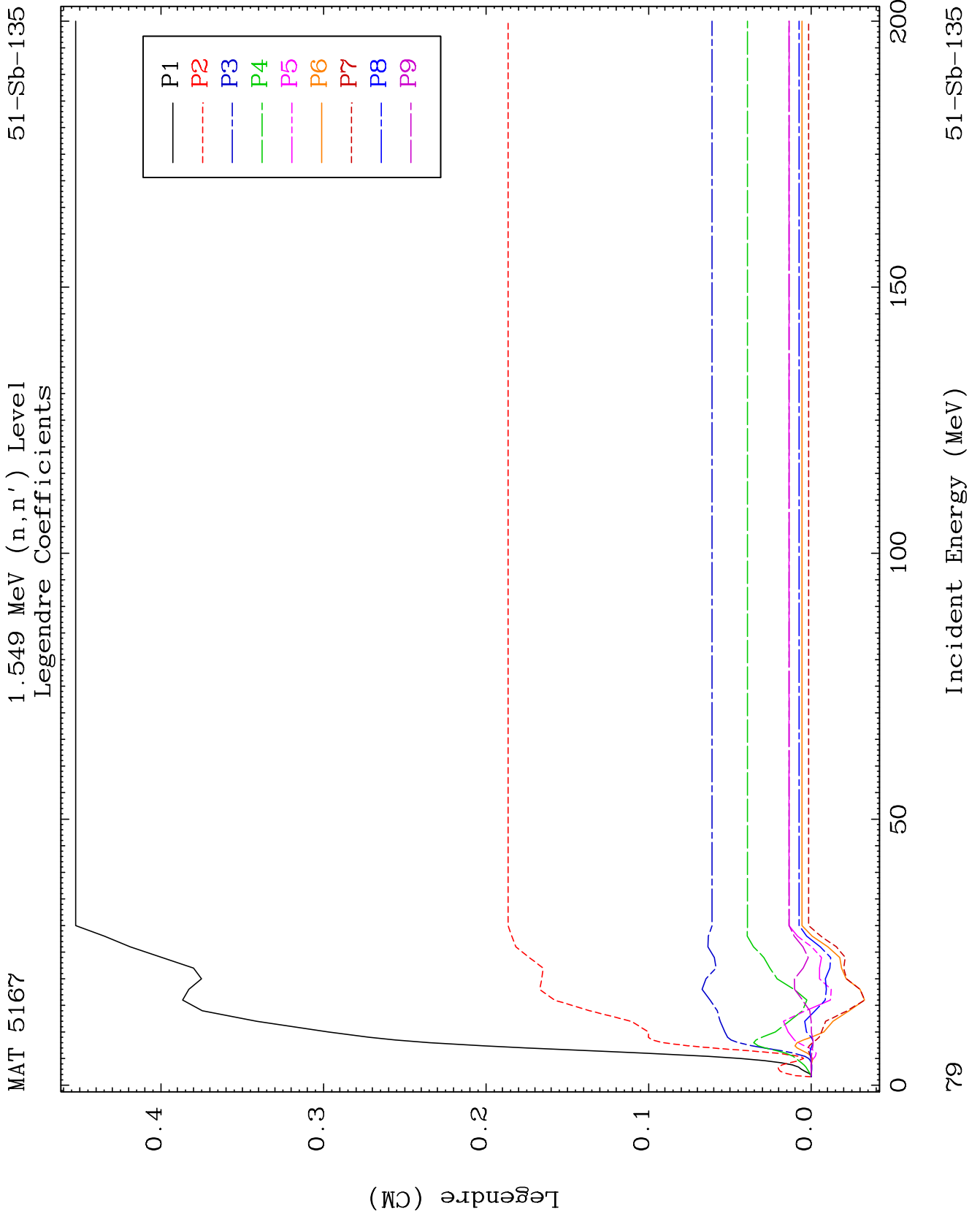
76

Incident Energy (MeV)

51-Sb-135



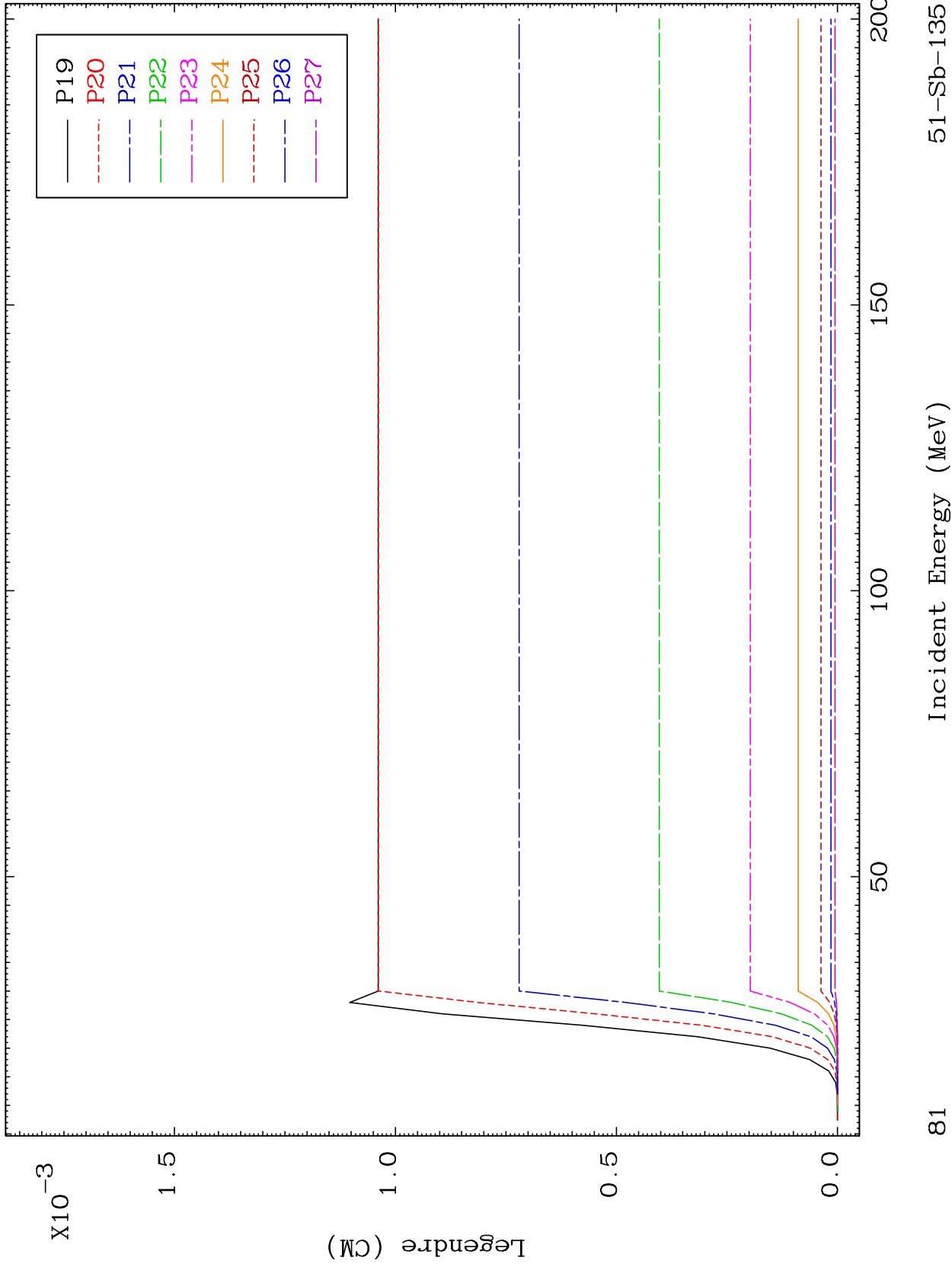




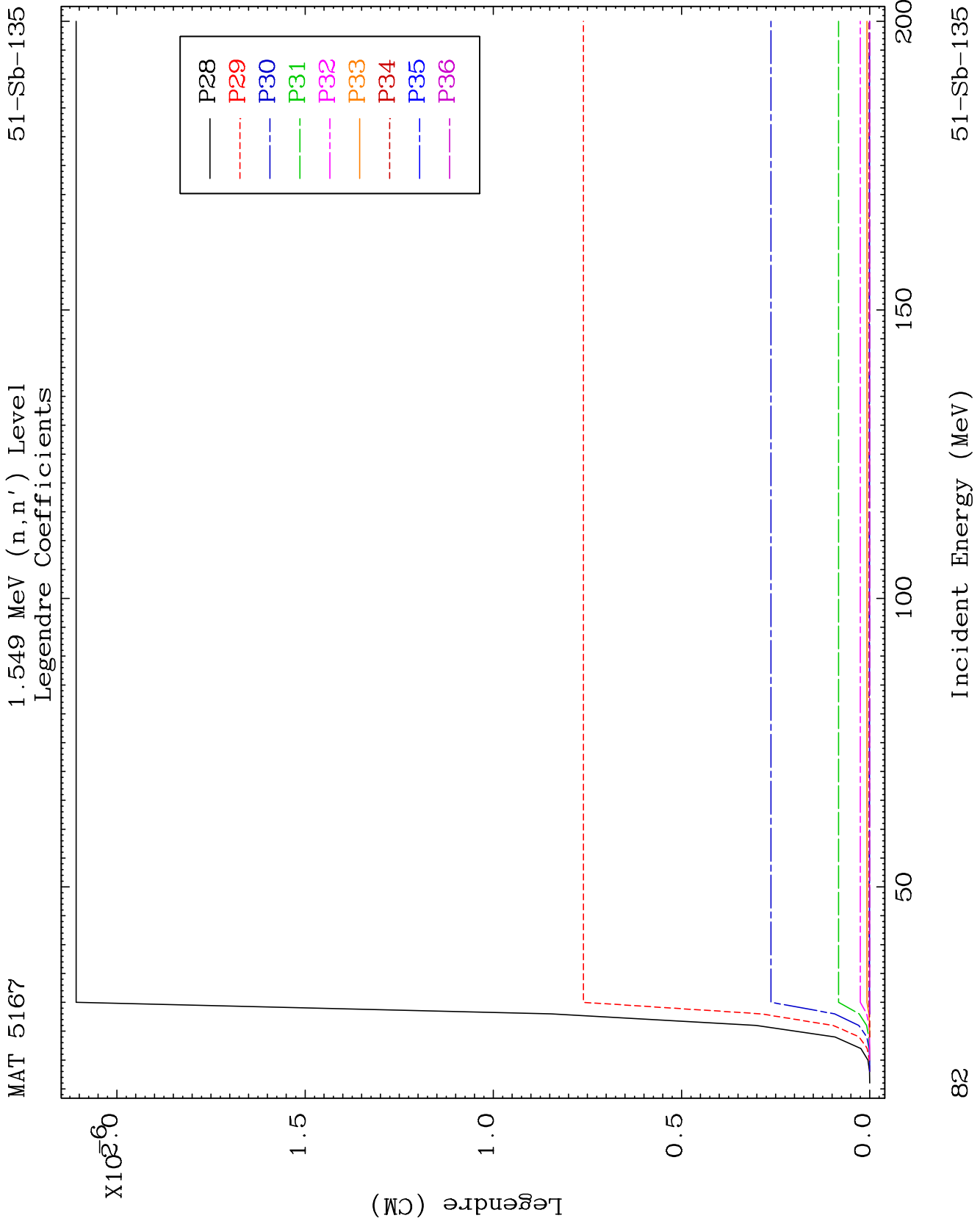
MAT 5167

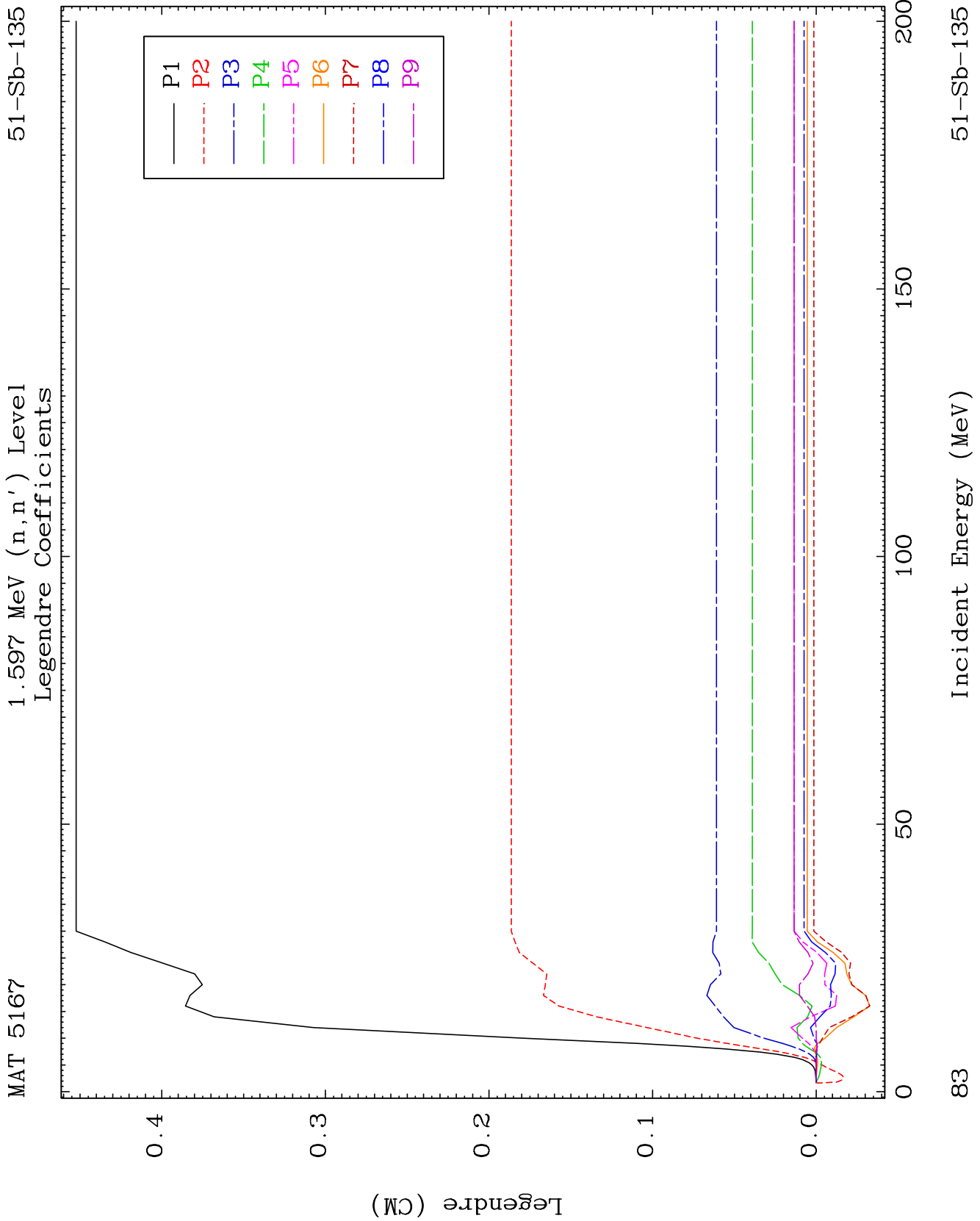
1.549 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



81

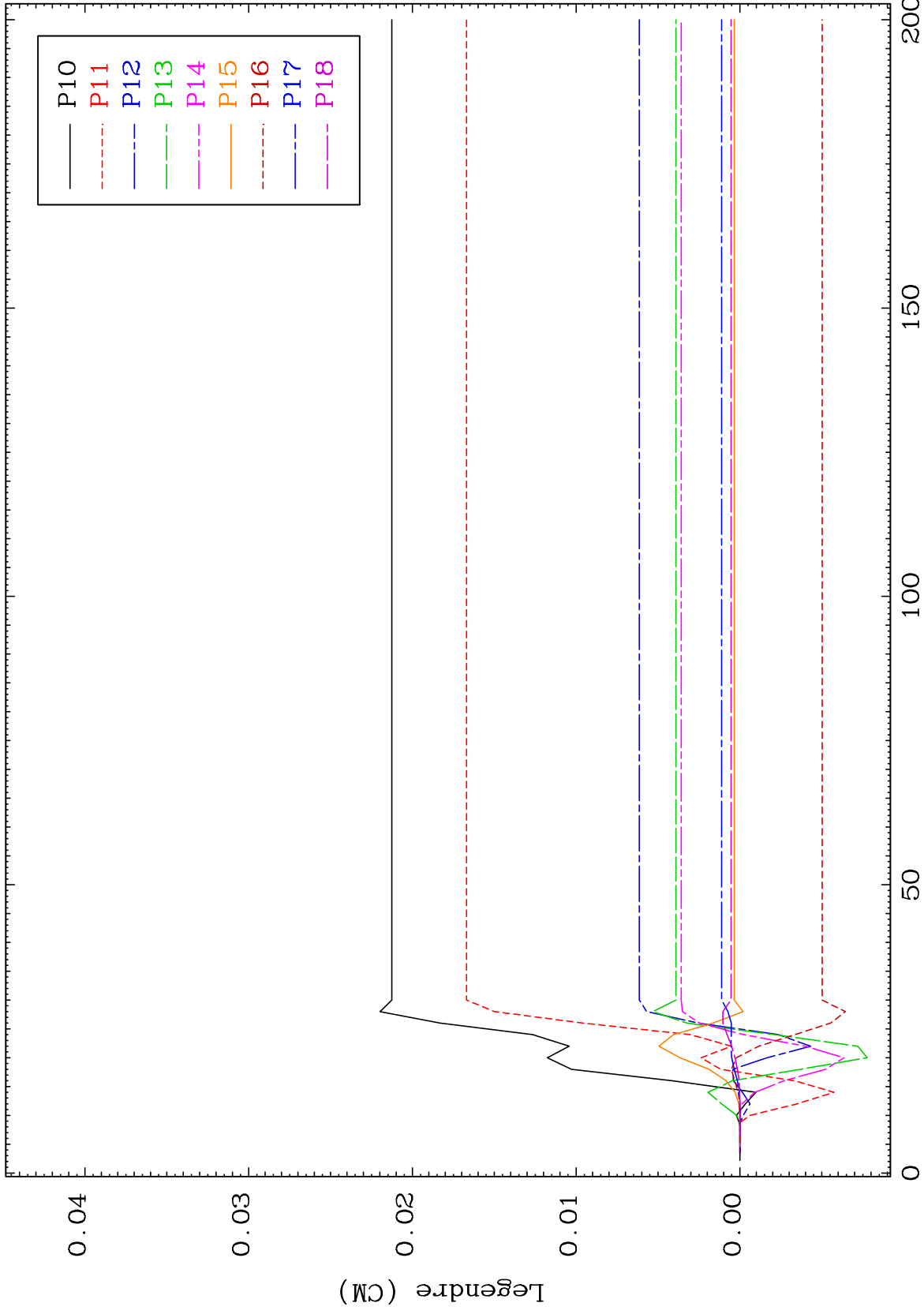




MAT 5167

1.597 MeV (n,n') Level
Legendre Coefficients

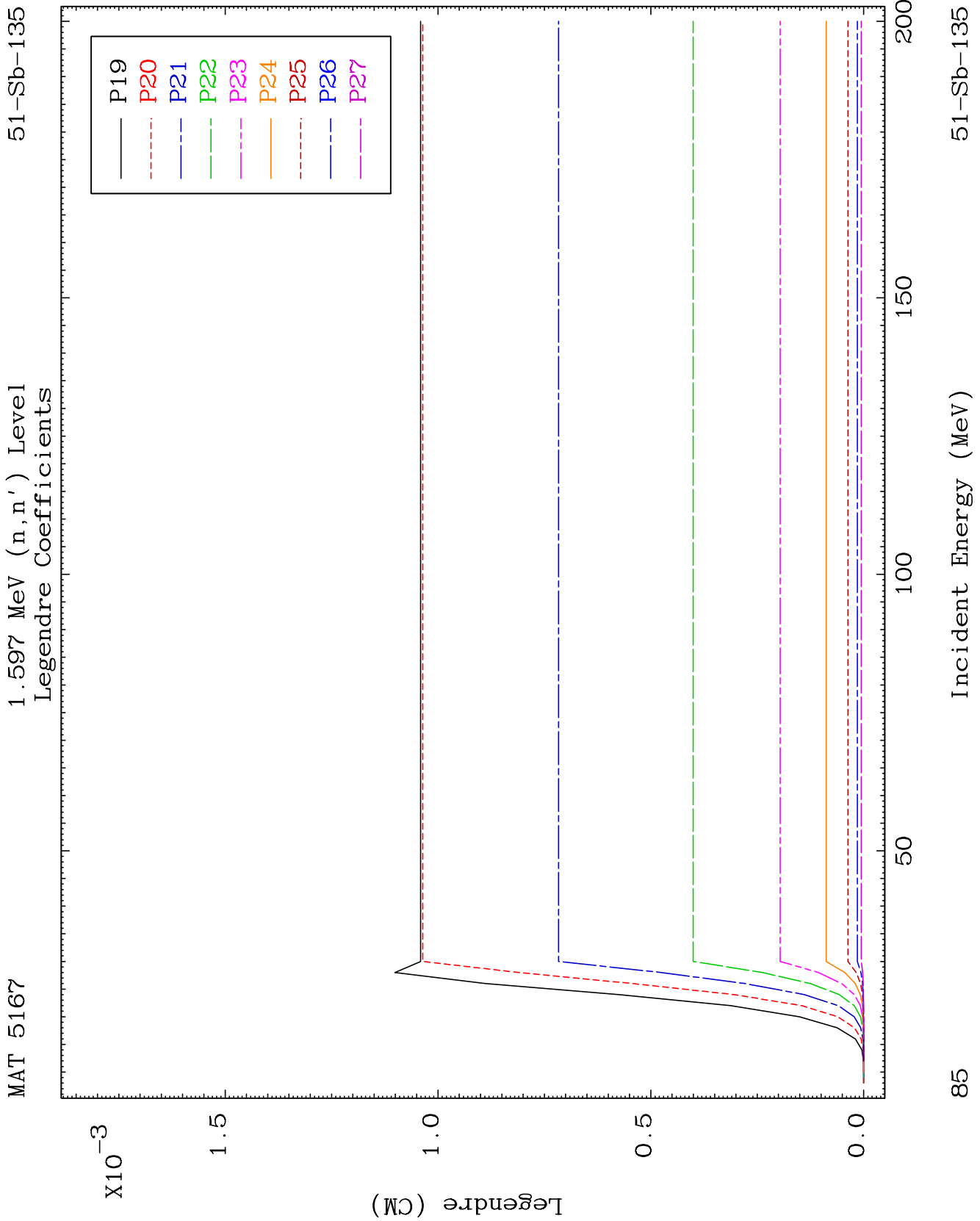
51-Sb-135

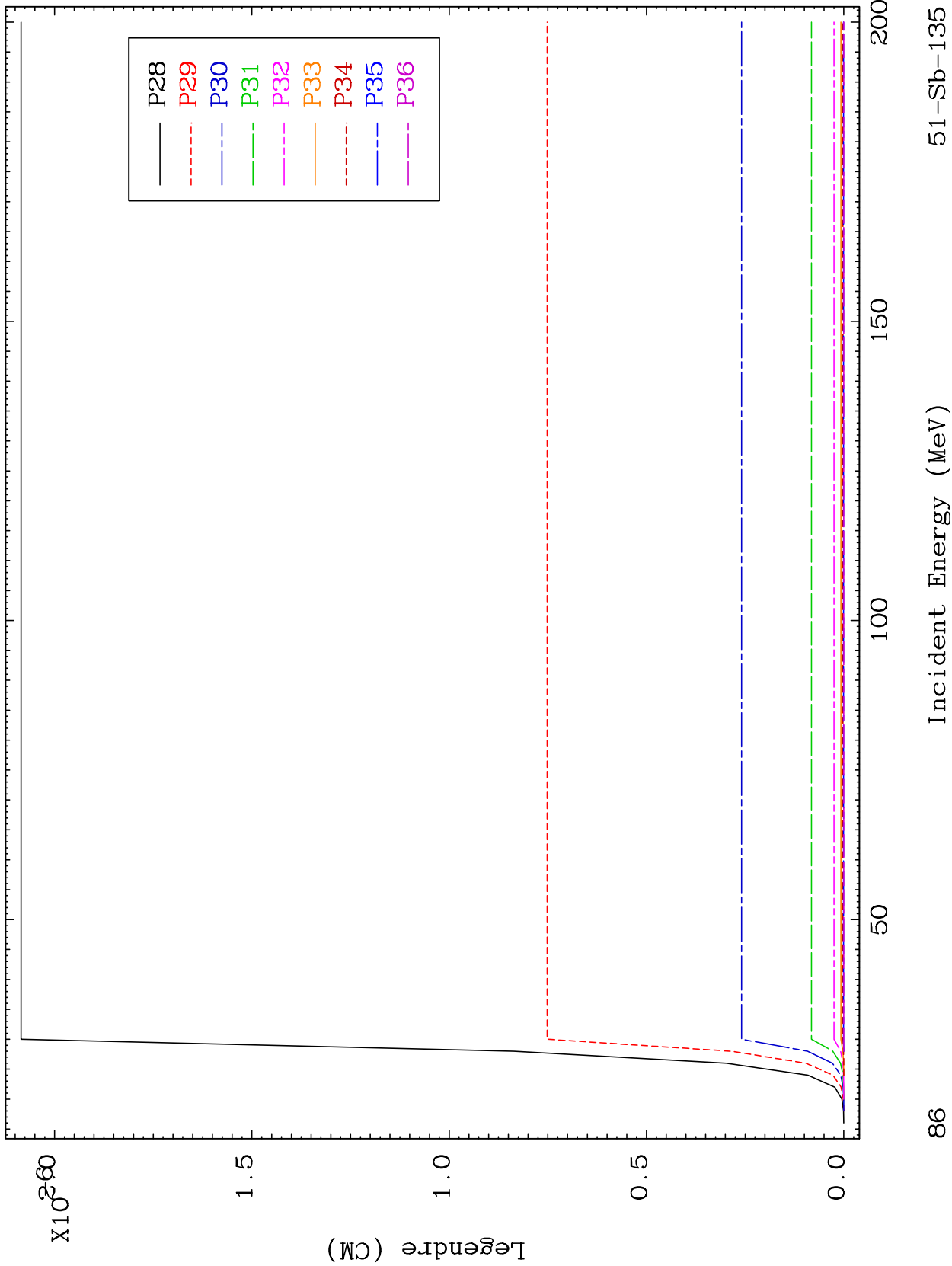


51-Sb-135

Incident Energy (MeV)

84

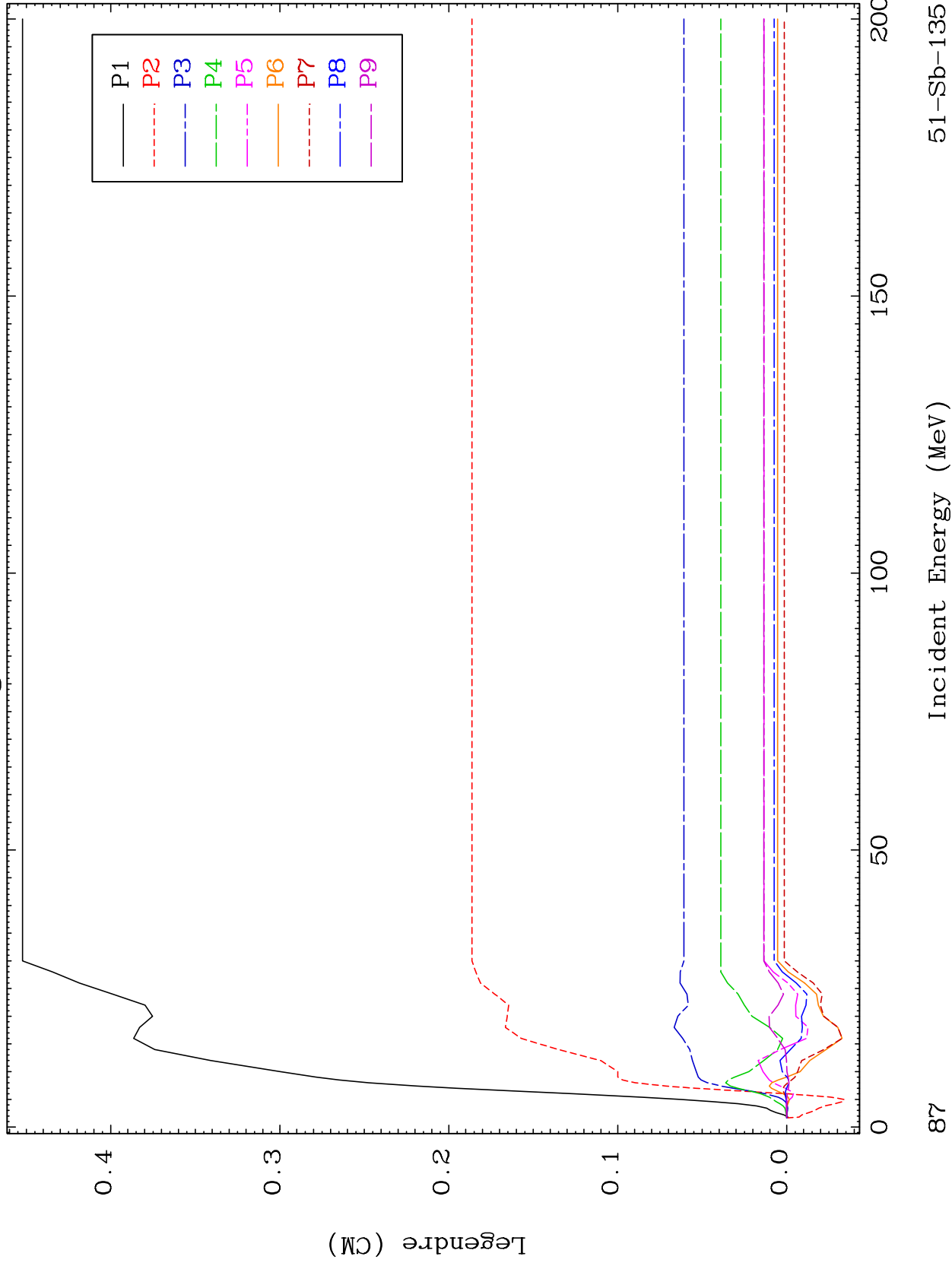




MAT 5167

1.630 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



51-Sb-135

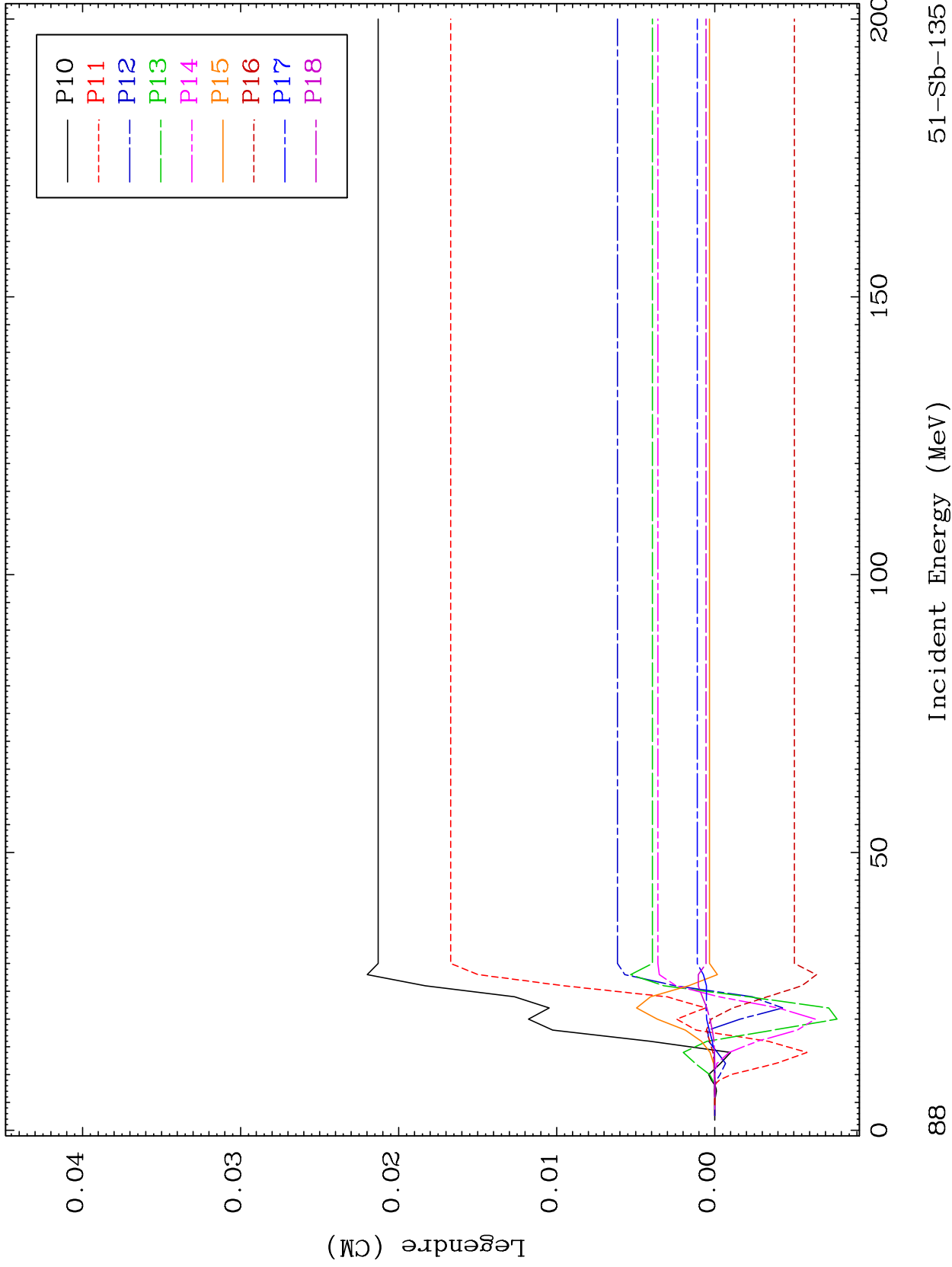
Incident Energy (MeV)

87

MAT 5167

1.630 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



51-Sb-135

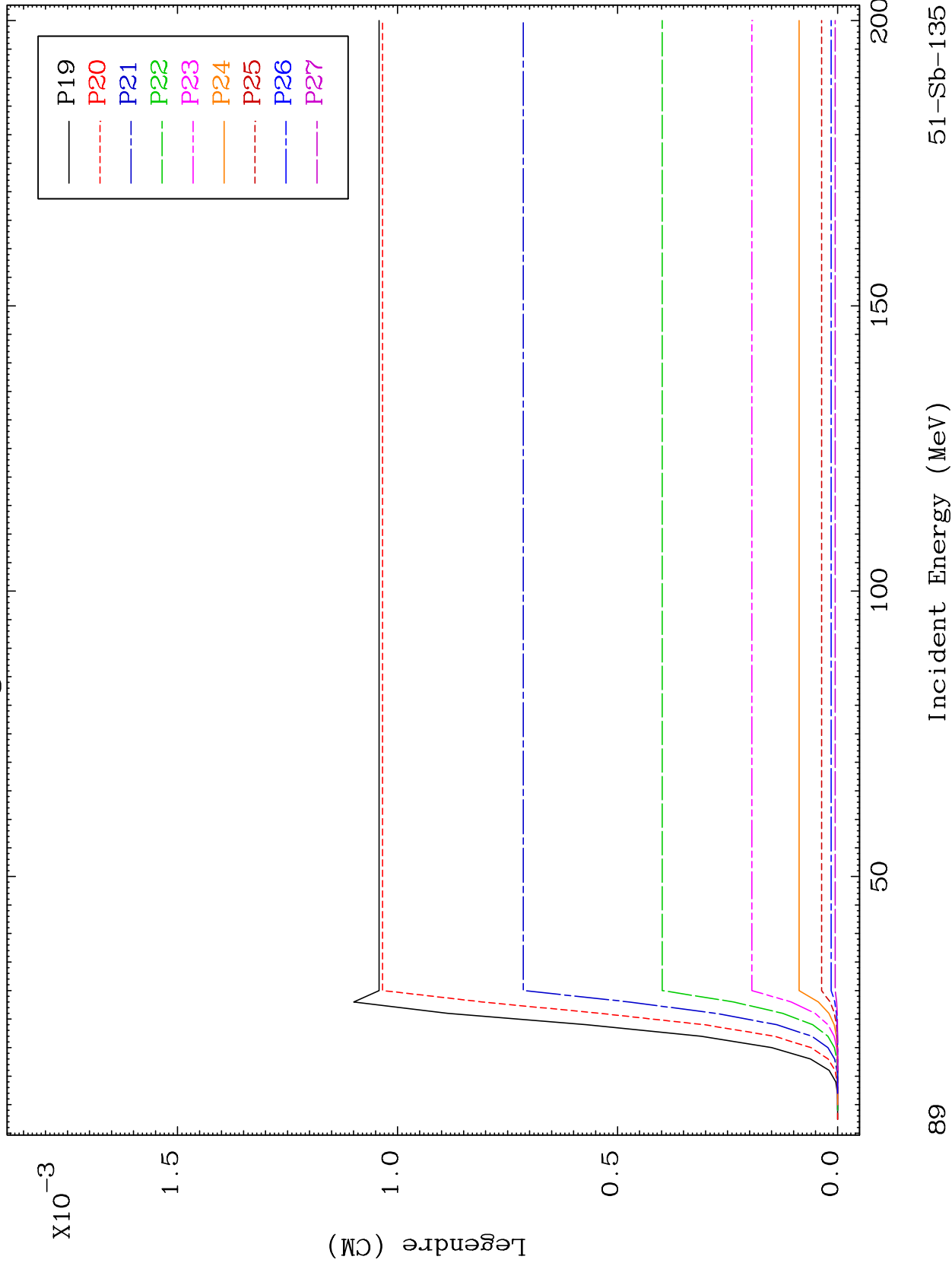
Incident Energy (MeV)

88

MAT 5167

1.630 MeV (n,n') Level
Legendre Coefficients

51-Sb-135

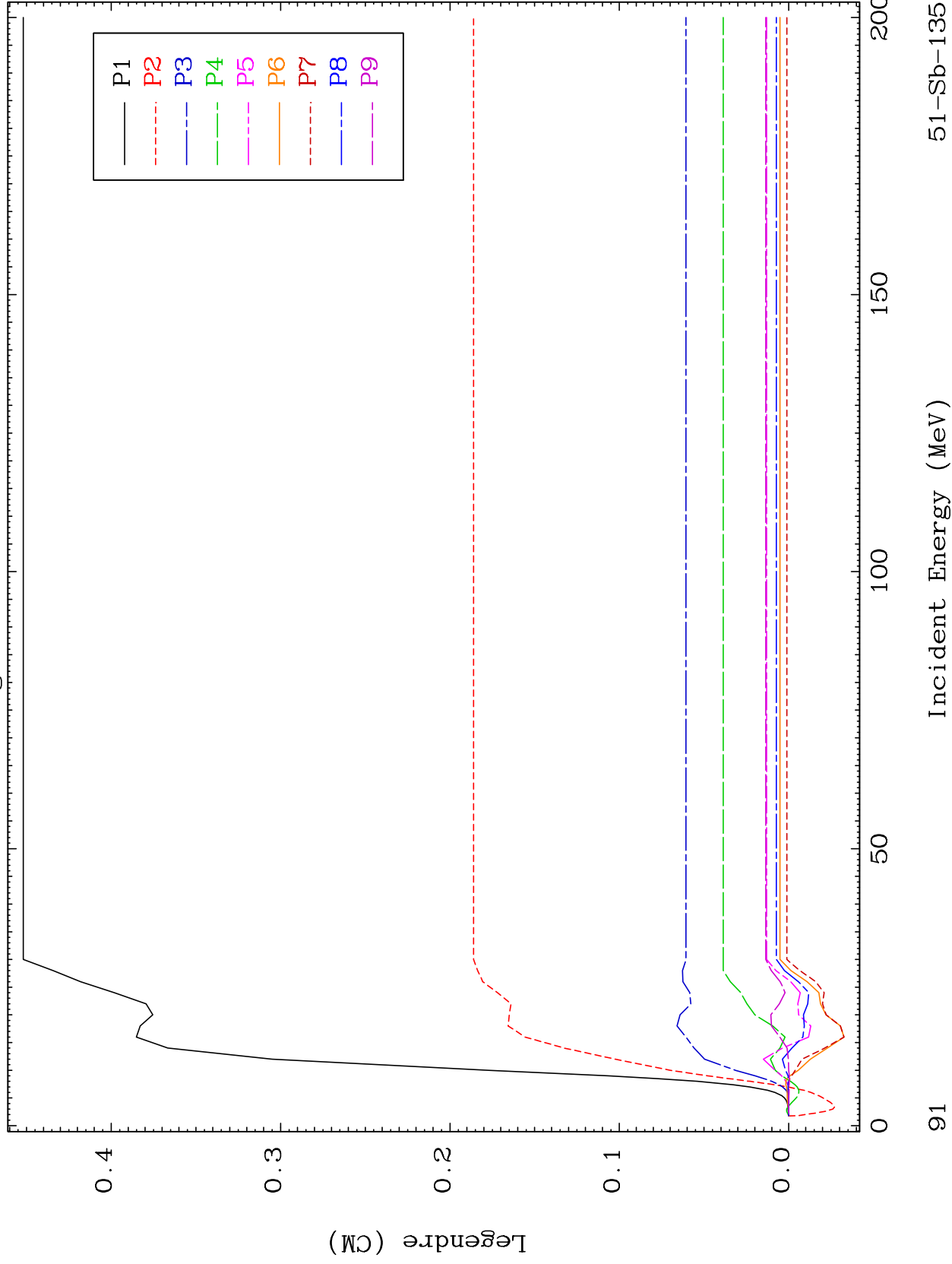


89

MAT 5167

1.734 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



51-Sb-135

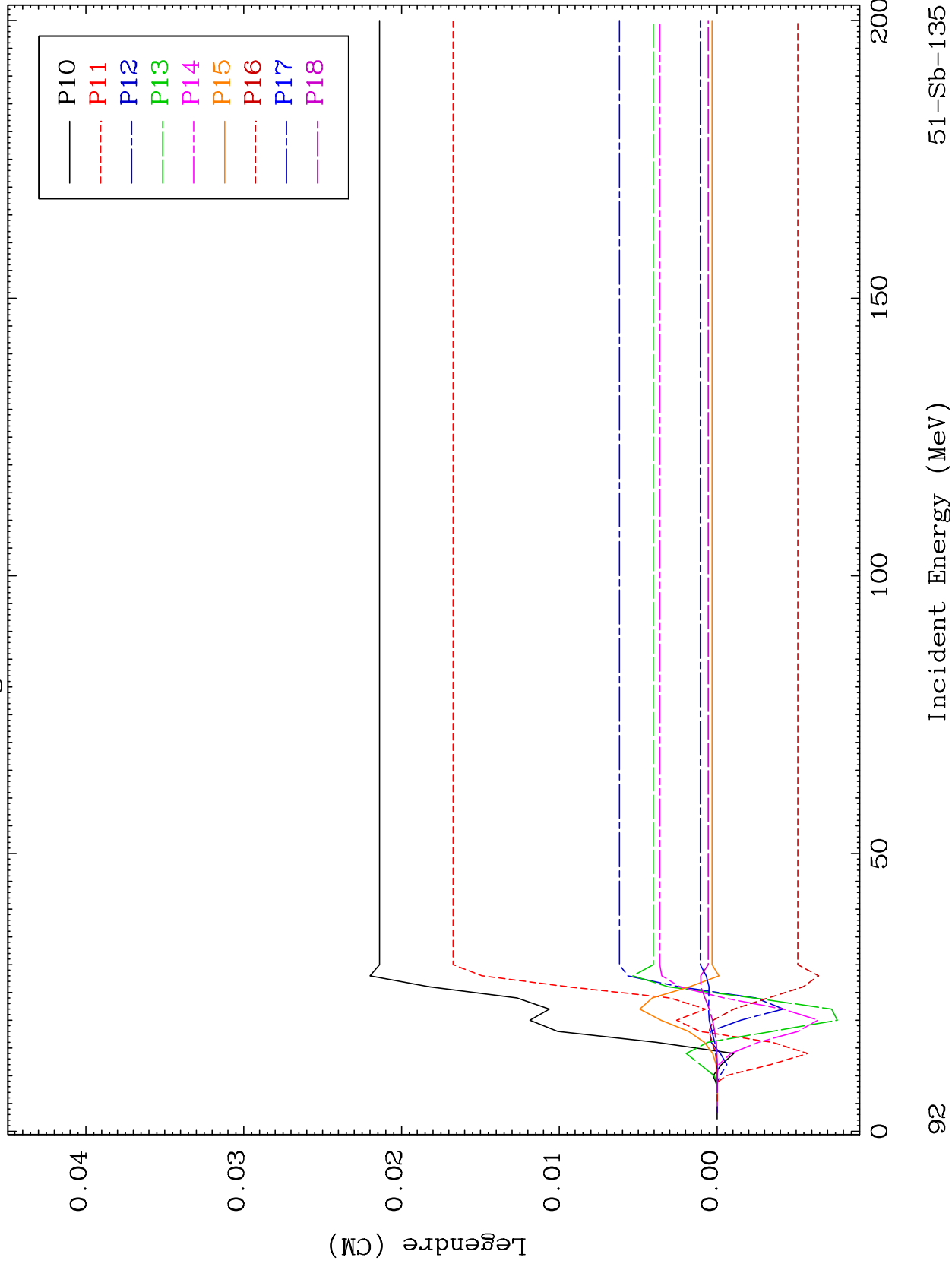
Incident Energy (MeV)

91

MAT 5167

1.734 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



92

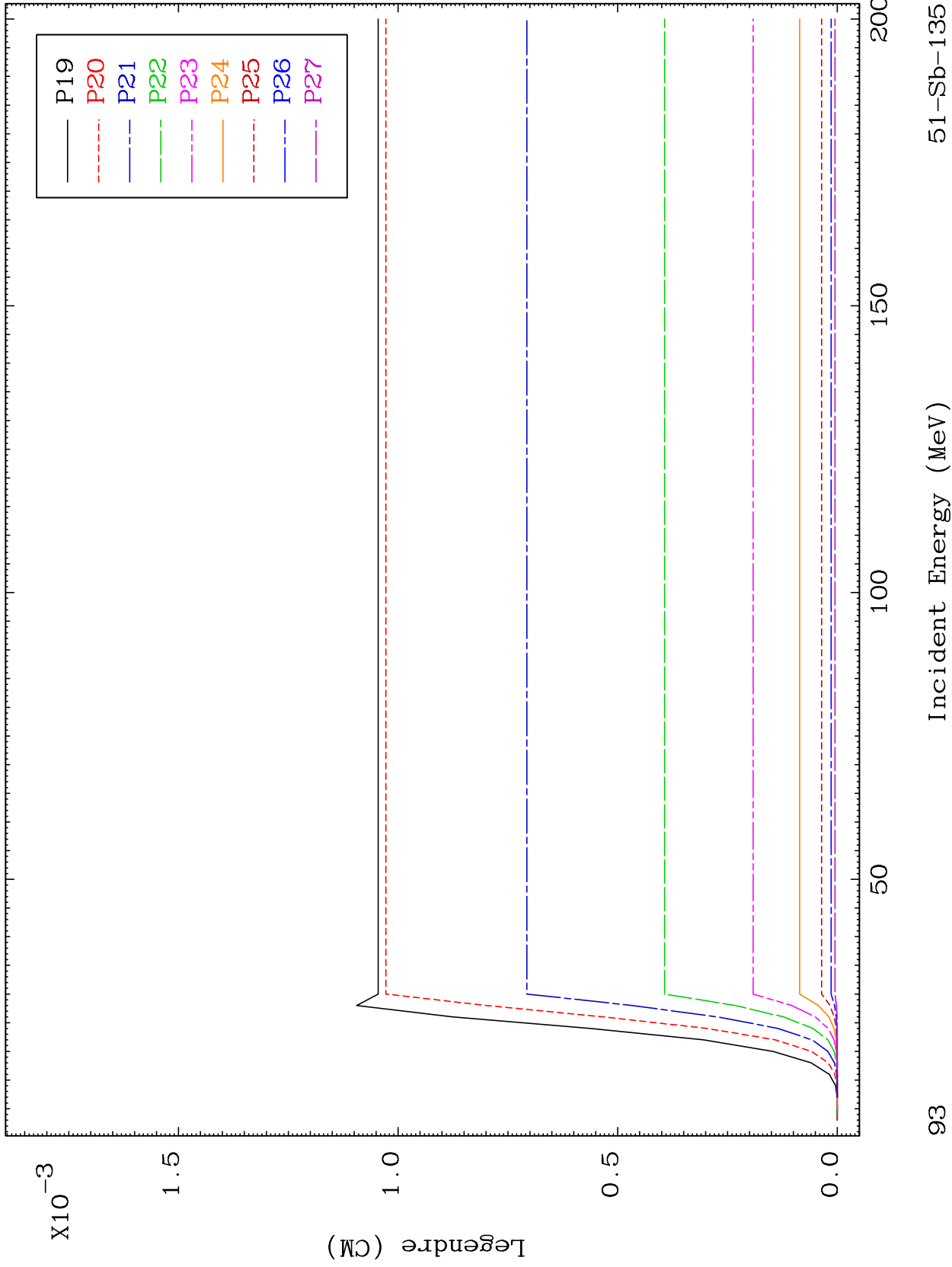
Incident Energy (MeV)

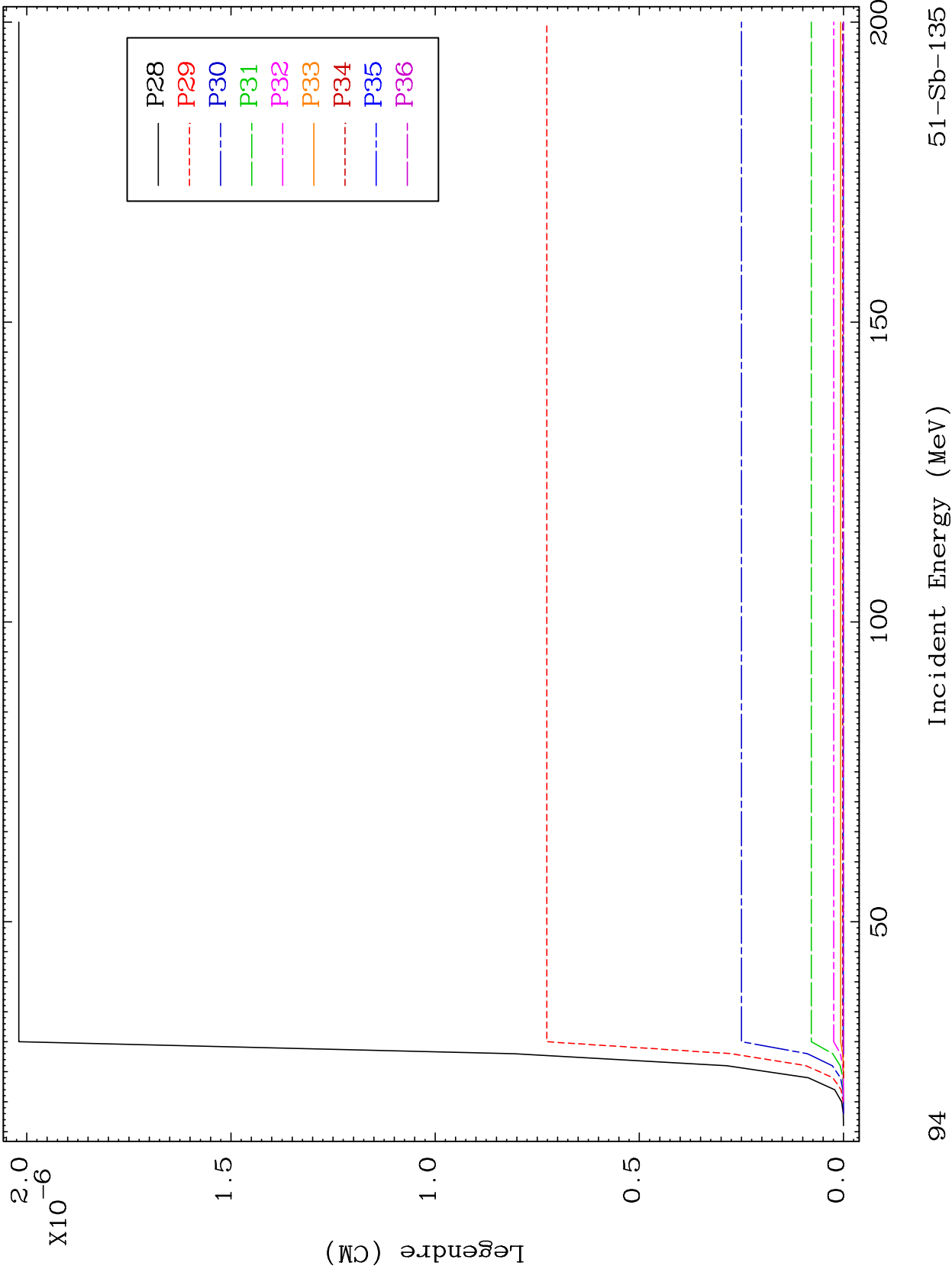
51-Sb-135

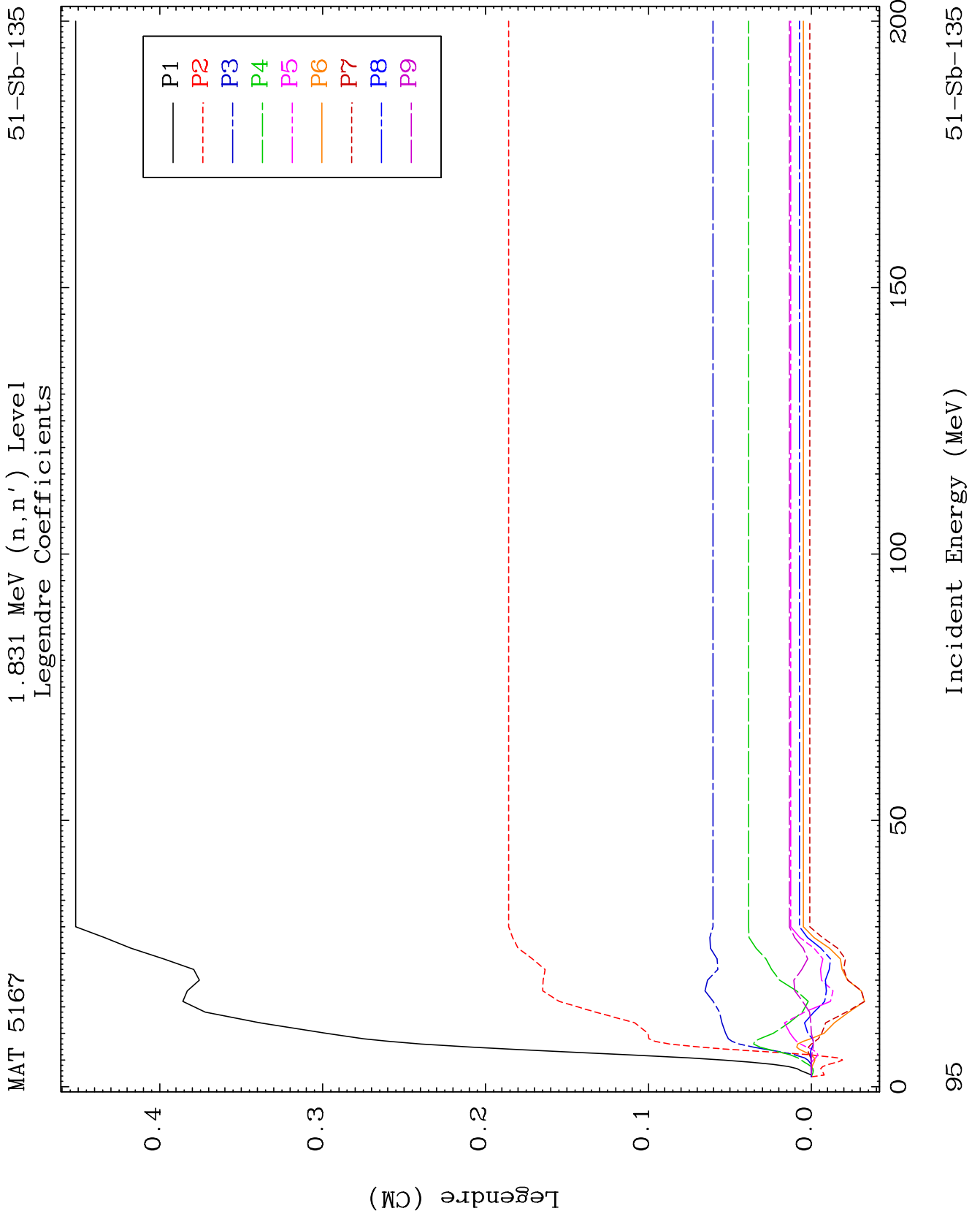
MAT 5167

1.734 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



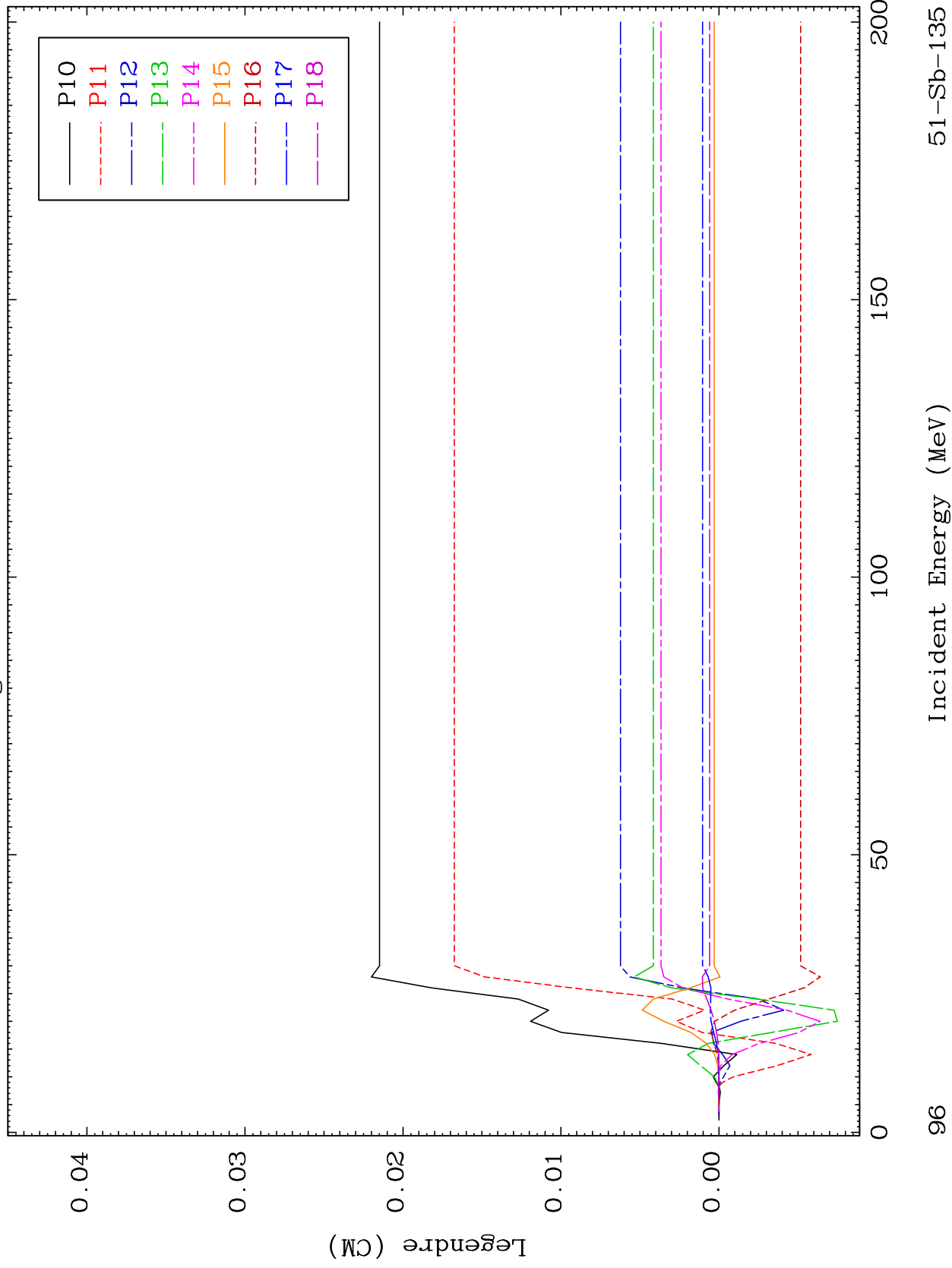




MAT 5167

1.831 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



96

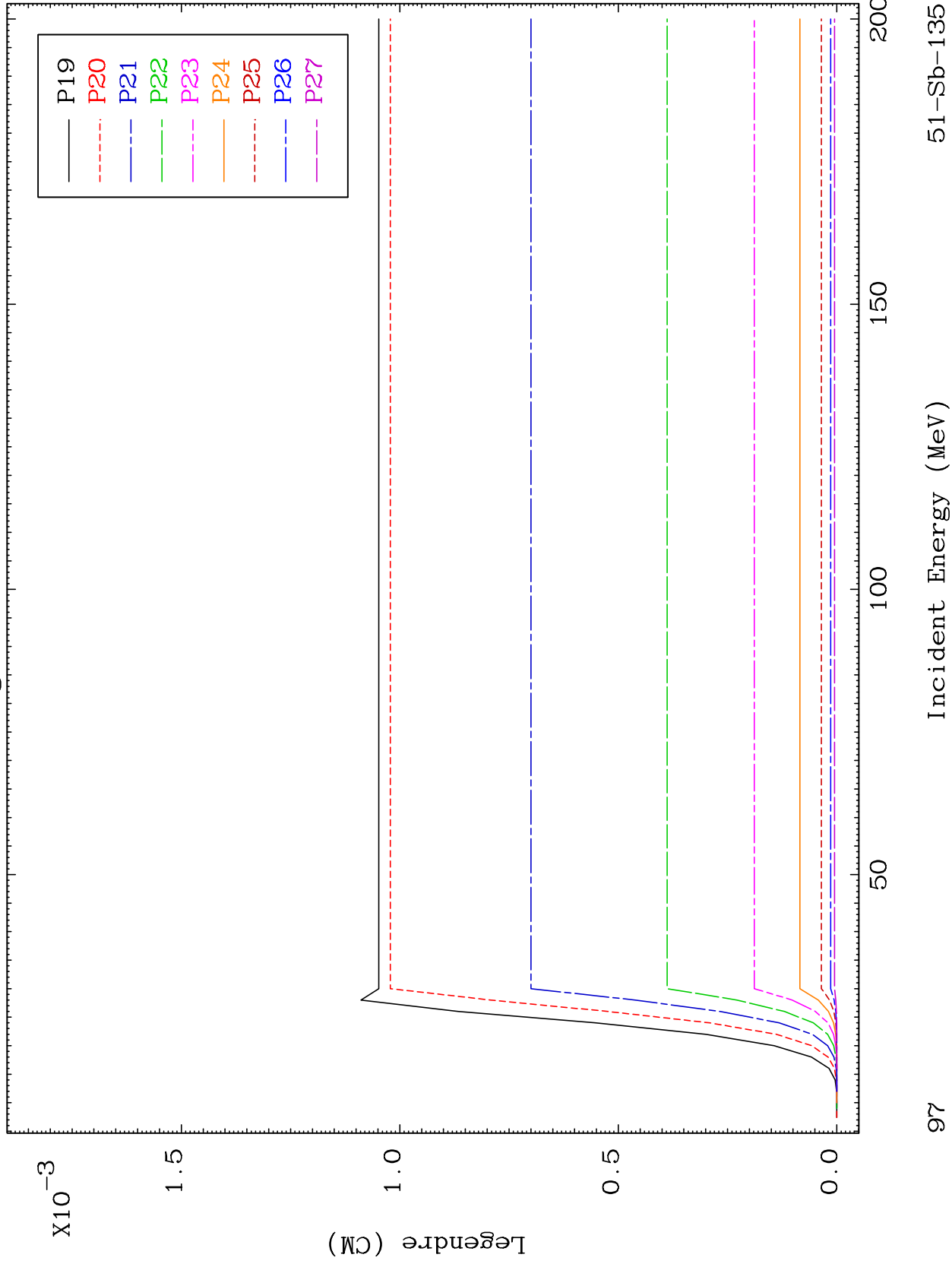
Incident Energy (MeV)

51-Sb-135

MAT 5167

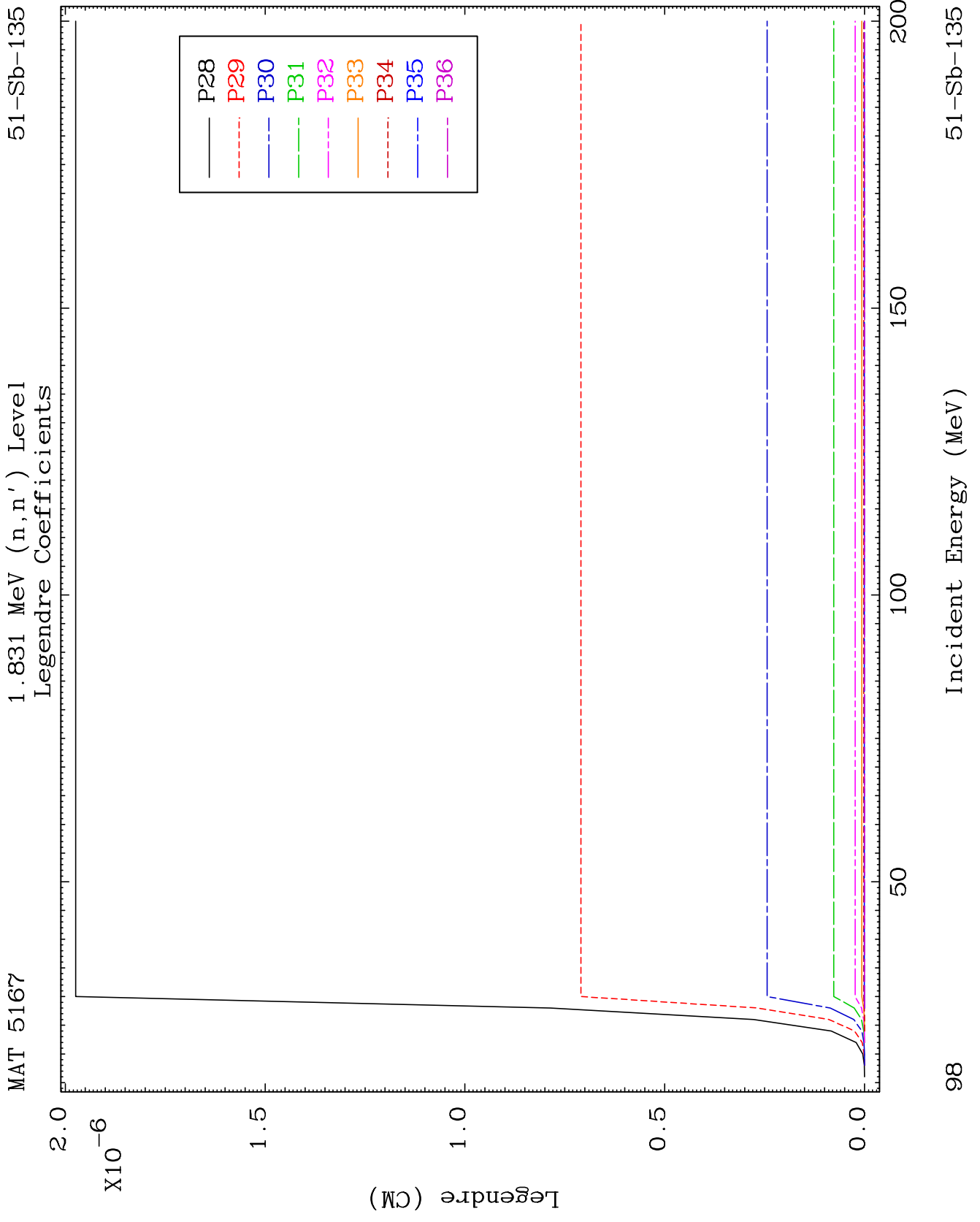
1.831 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



97

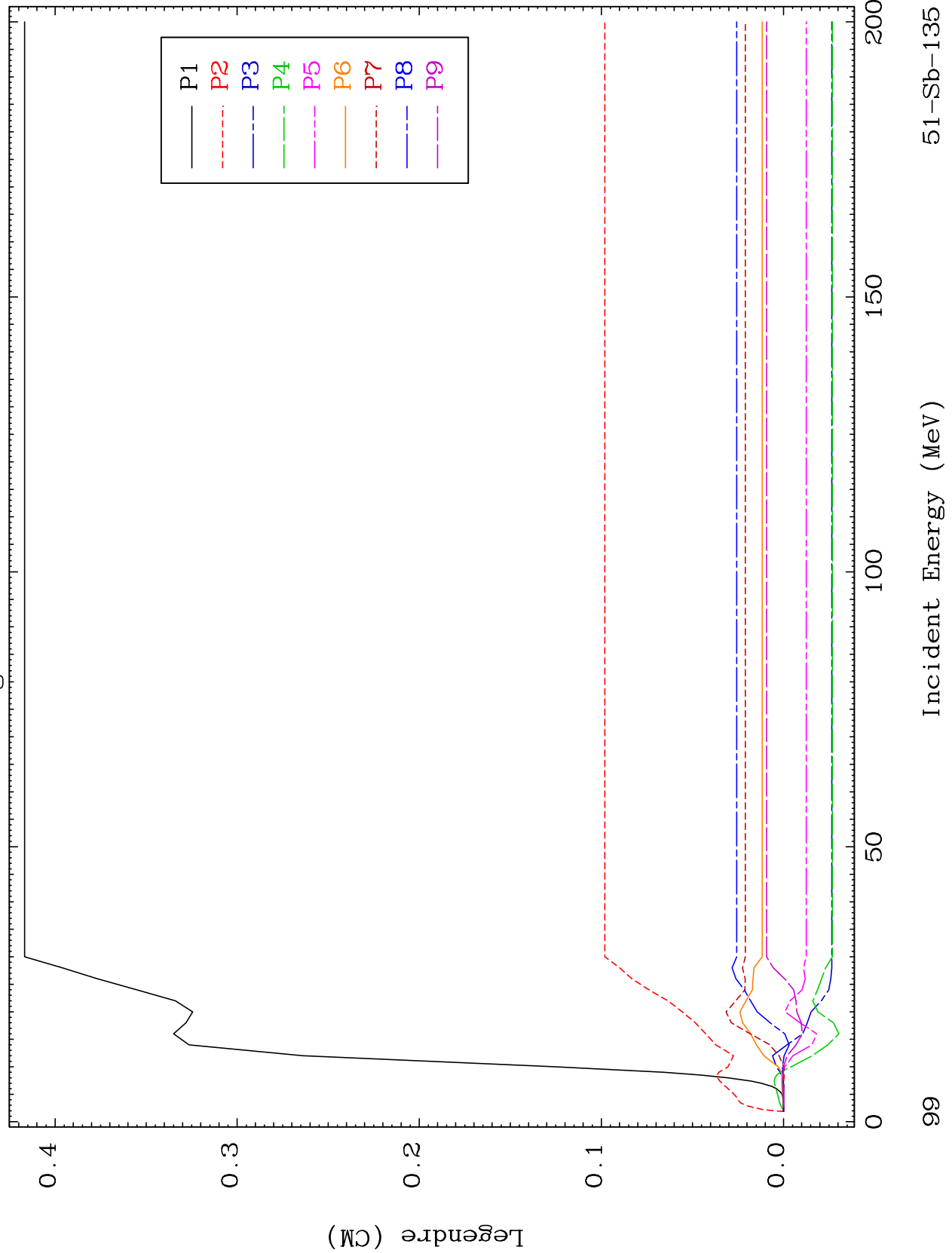
51-Sb-135



MAT 5167

1.855 MeV (n,n') Level
Legendre Coefficients

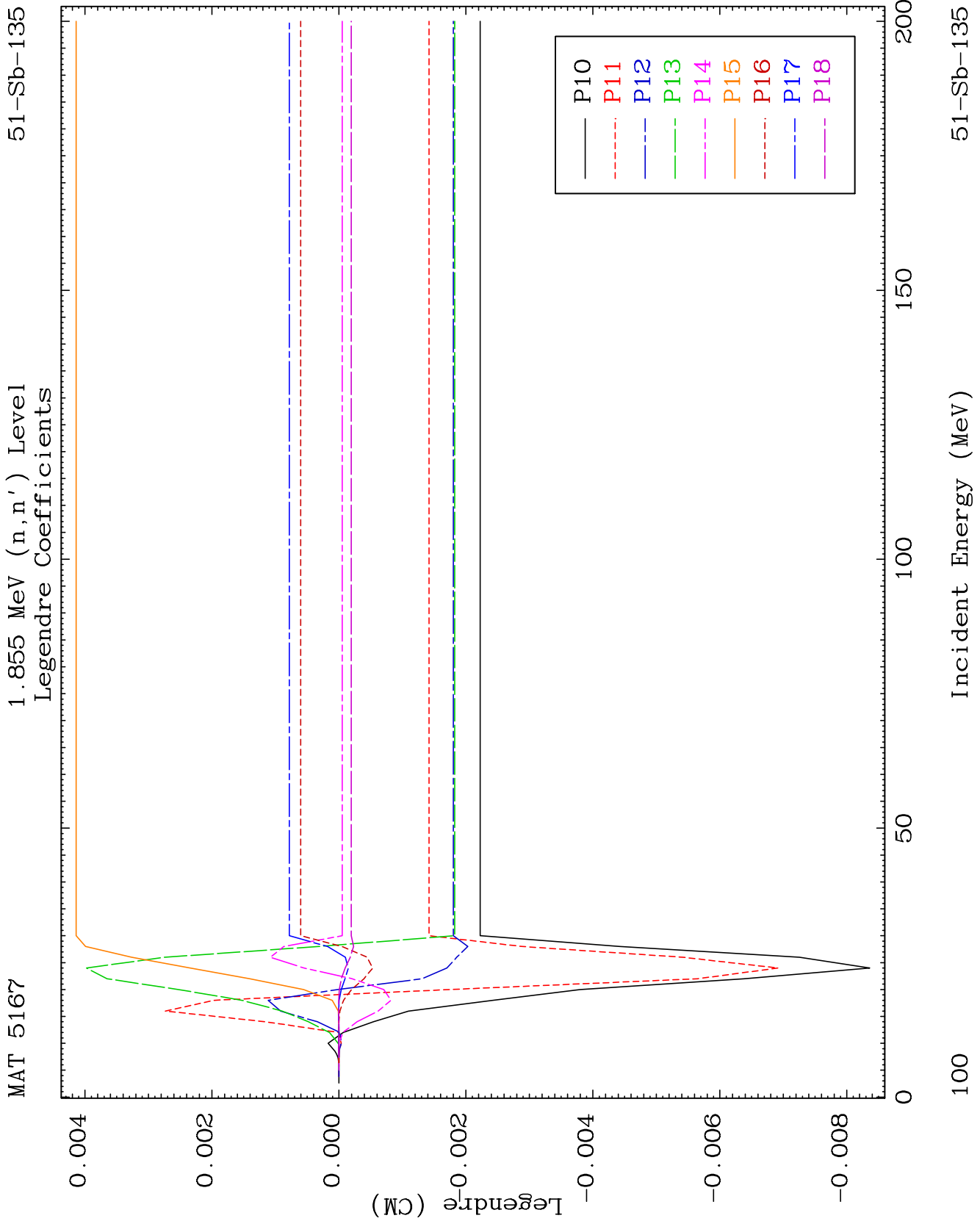
51-Sb-135

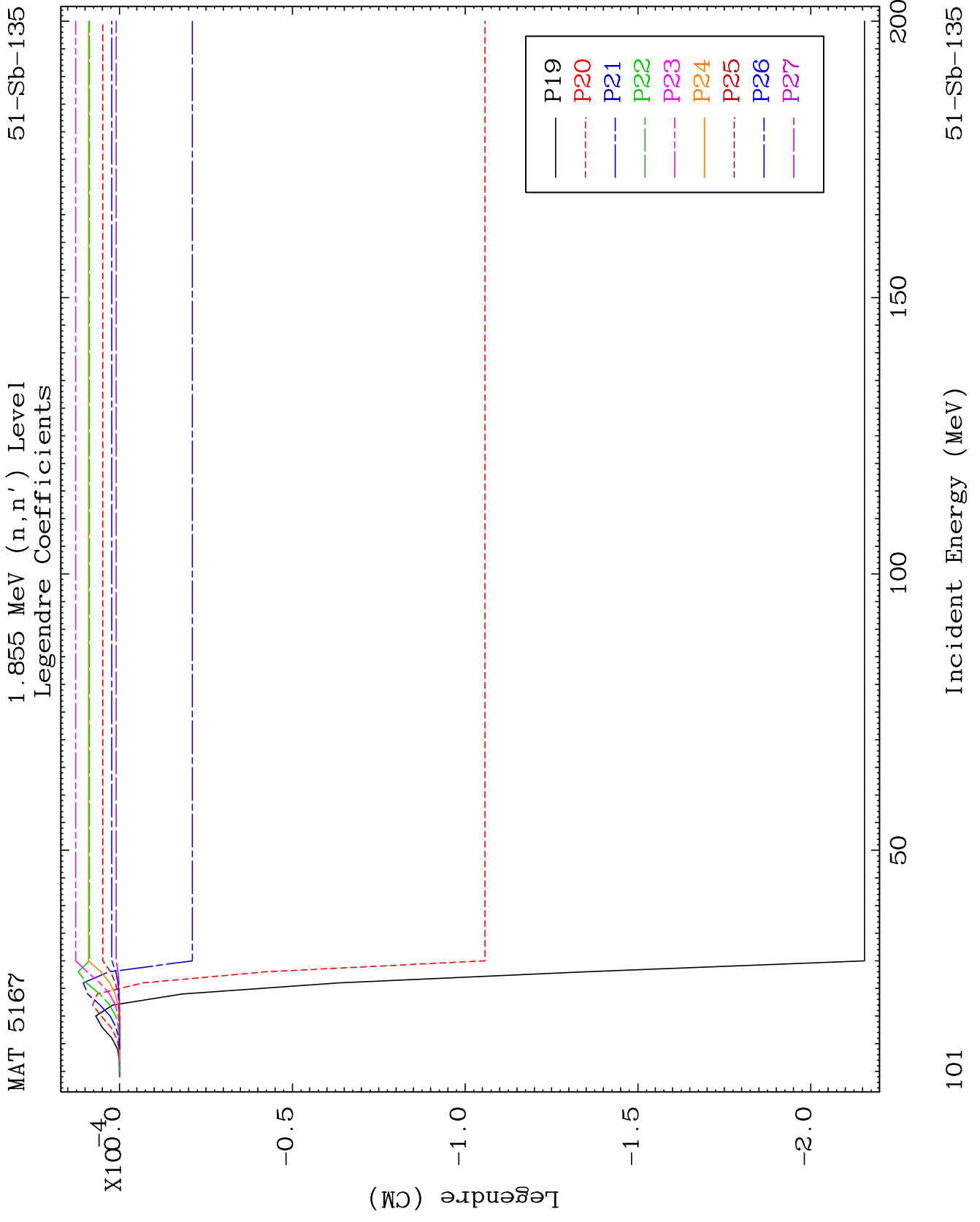


51-Sb-135

Incident Energy (MeV)

99

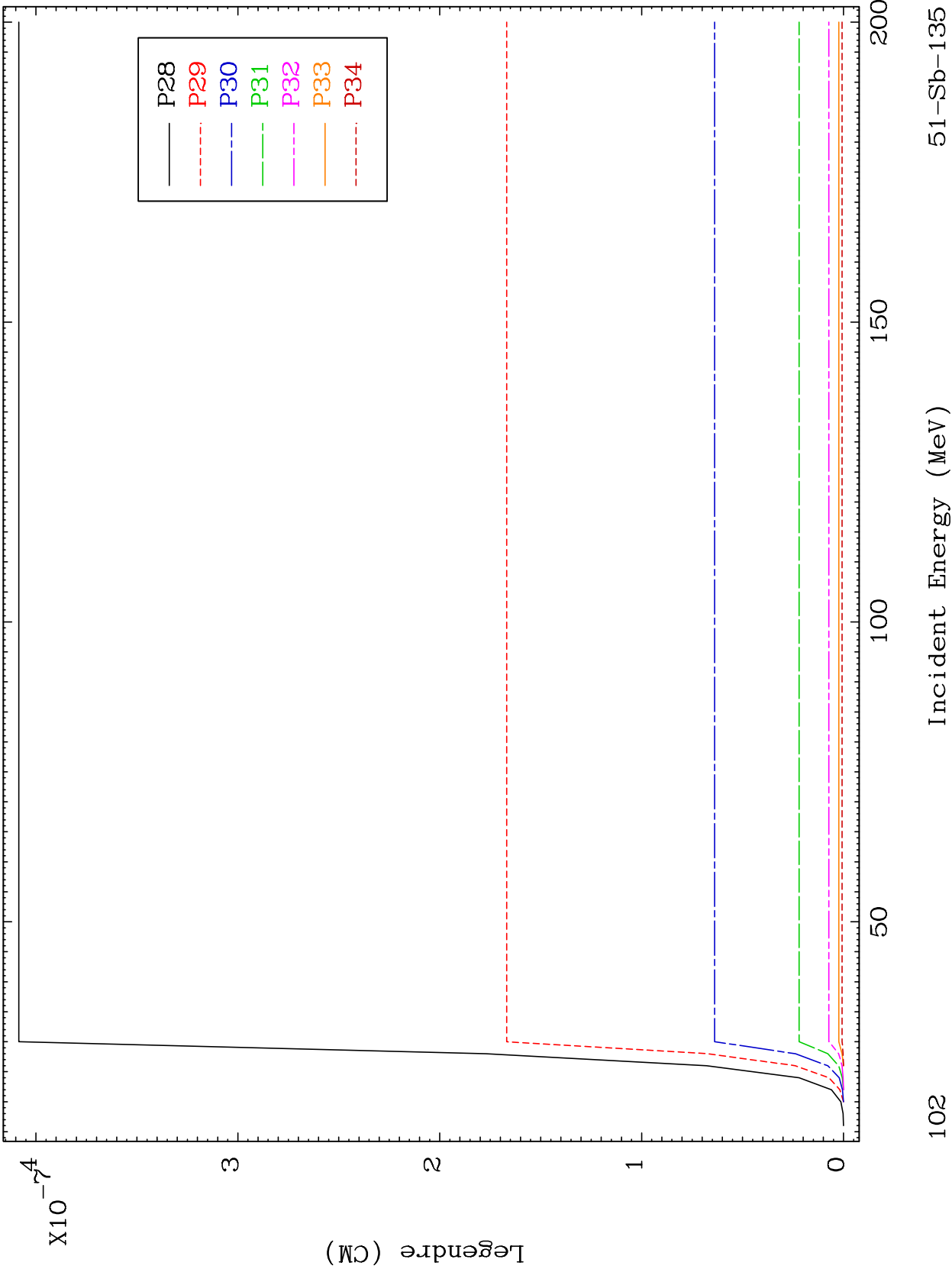




MAT 5167

1.855 MeV (n,n') Level
Legendre Coefficients

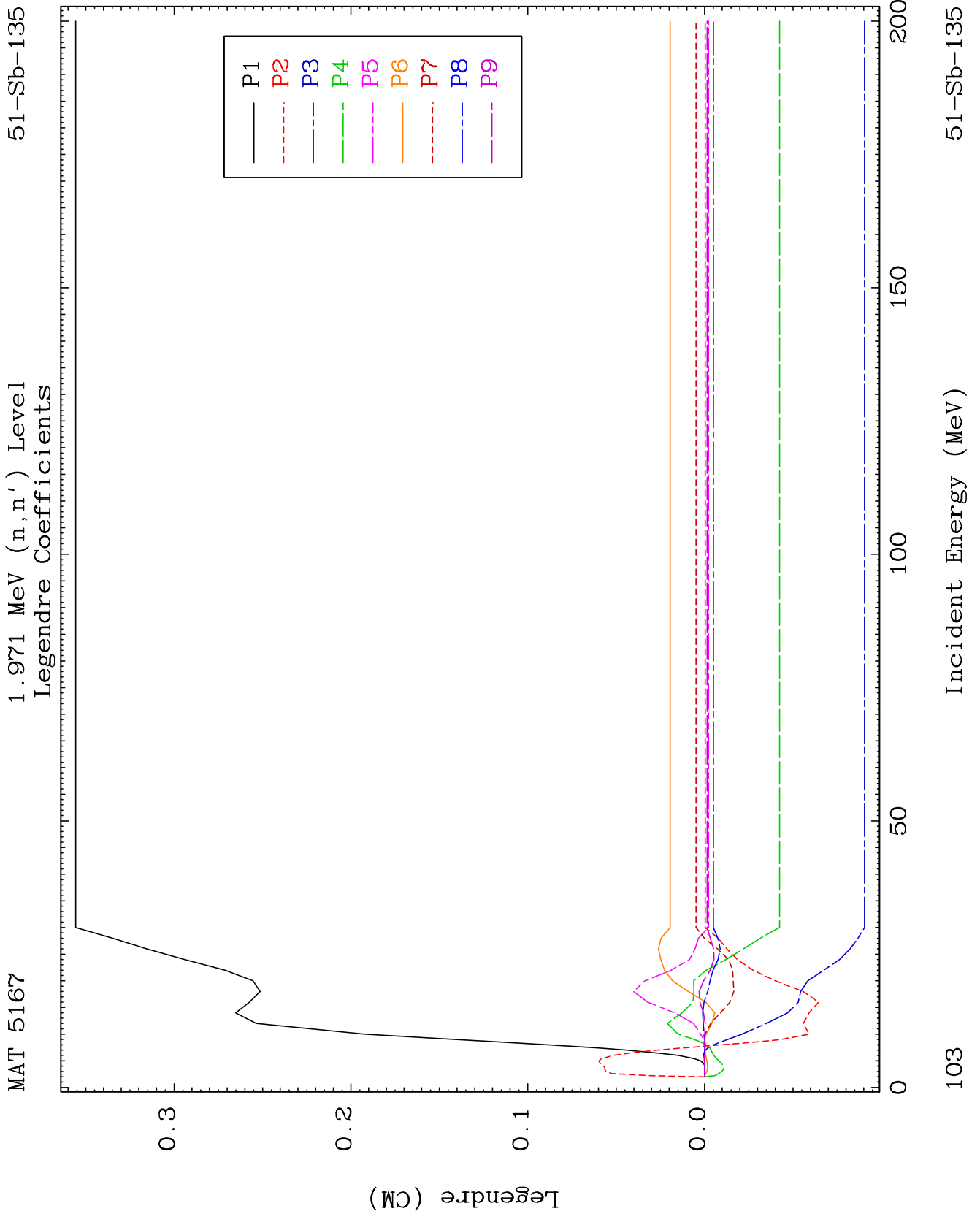
51-Sb-135



102

Incident Energy (MeV)

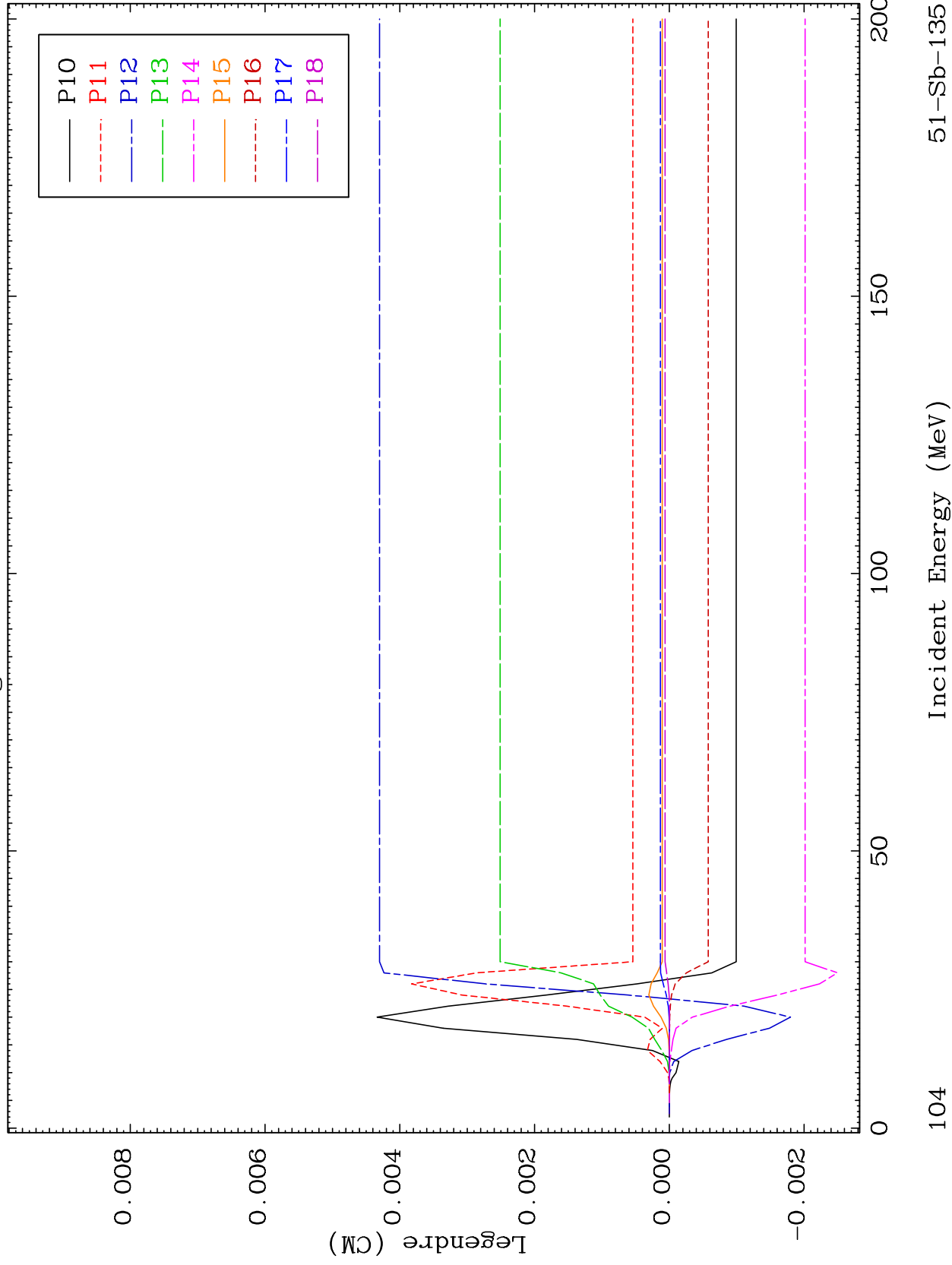
51-Sb-135



MAT 5167

1.971 MeV (n,n') Level
Legendre Coefficients

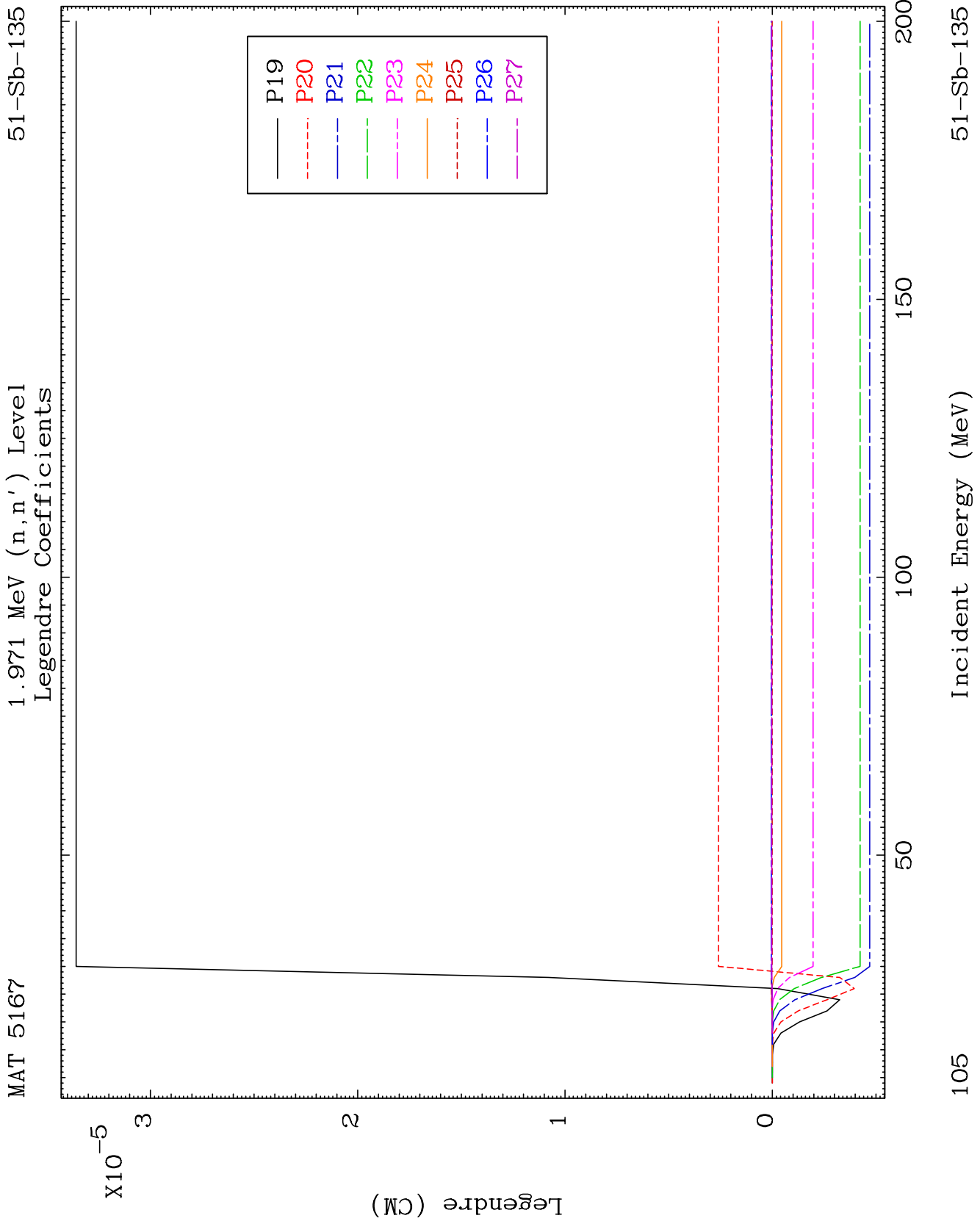
51-Sb-135

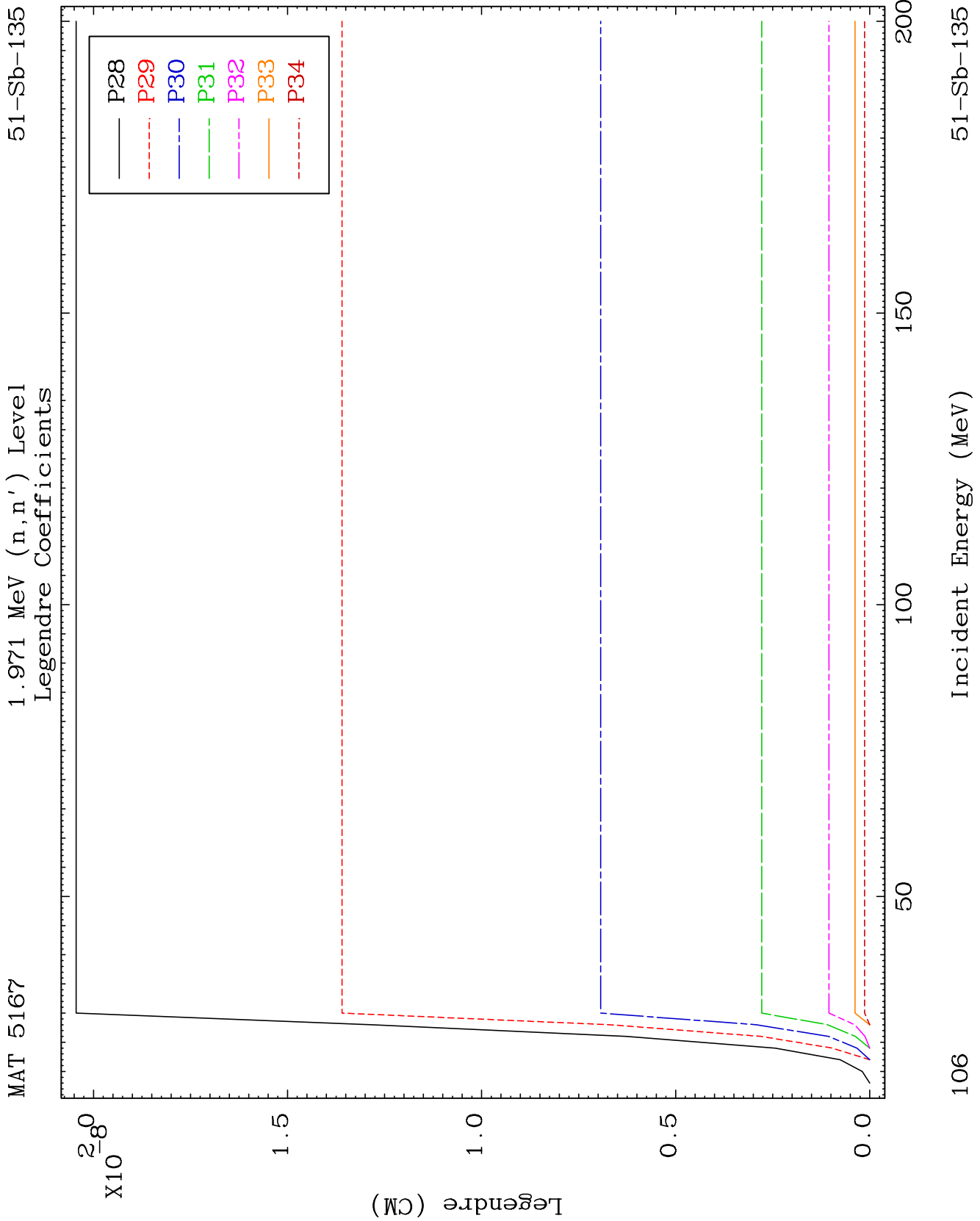


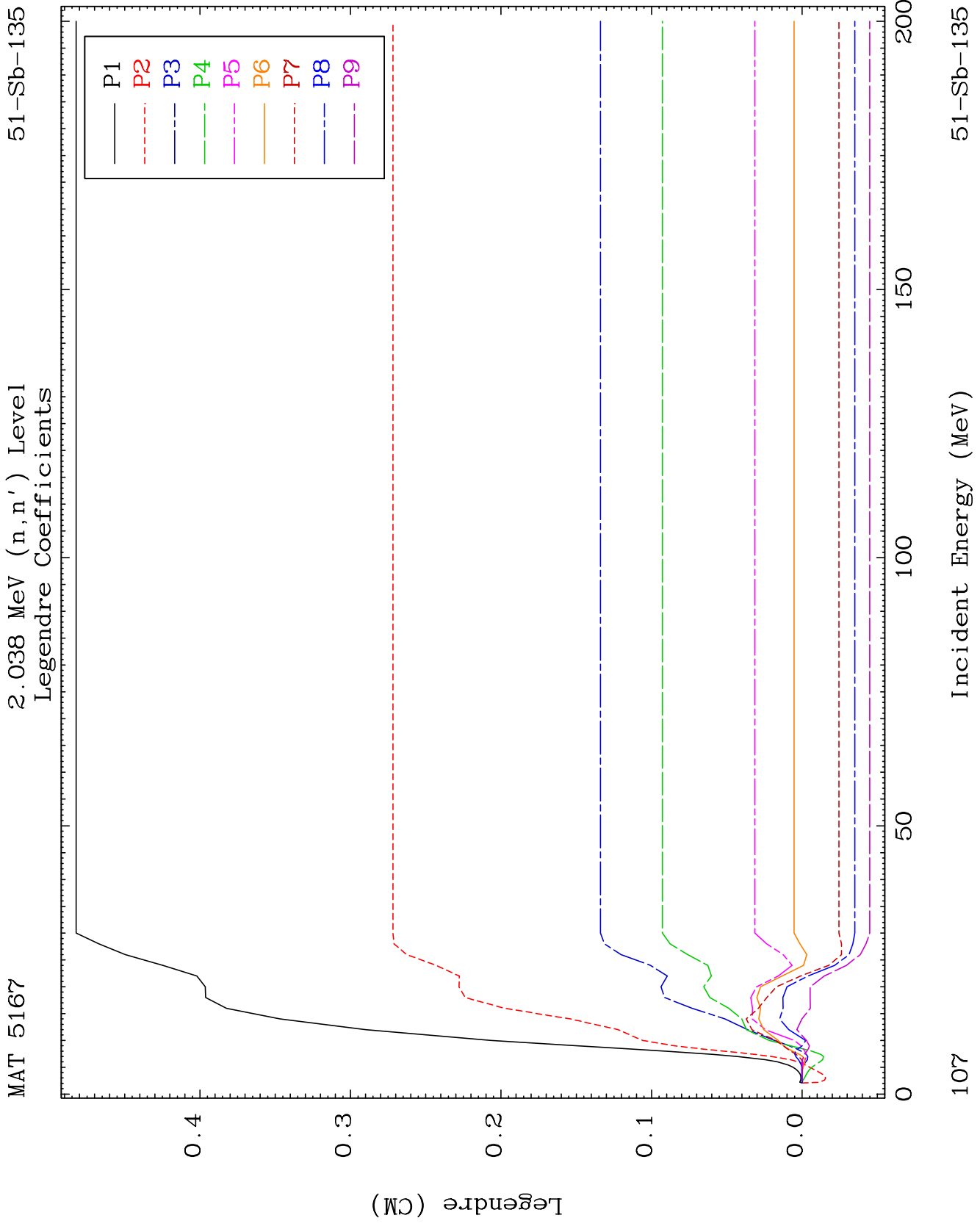
51-Sb-135

Incident Energy (MeV)

104



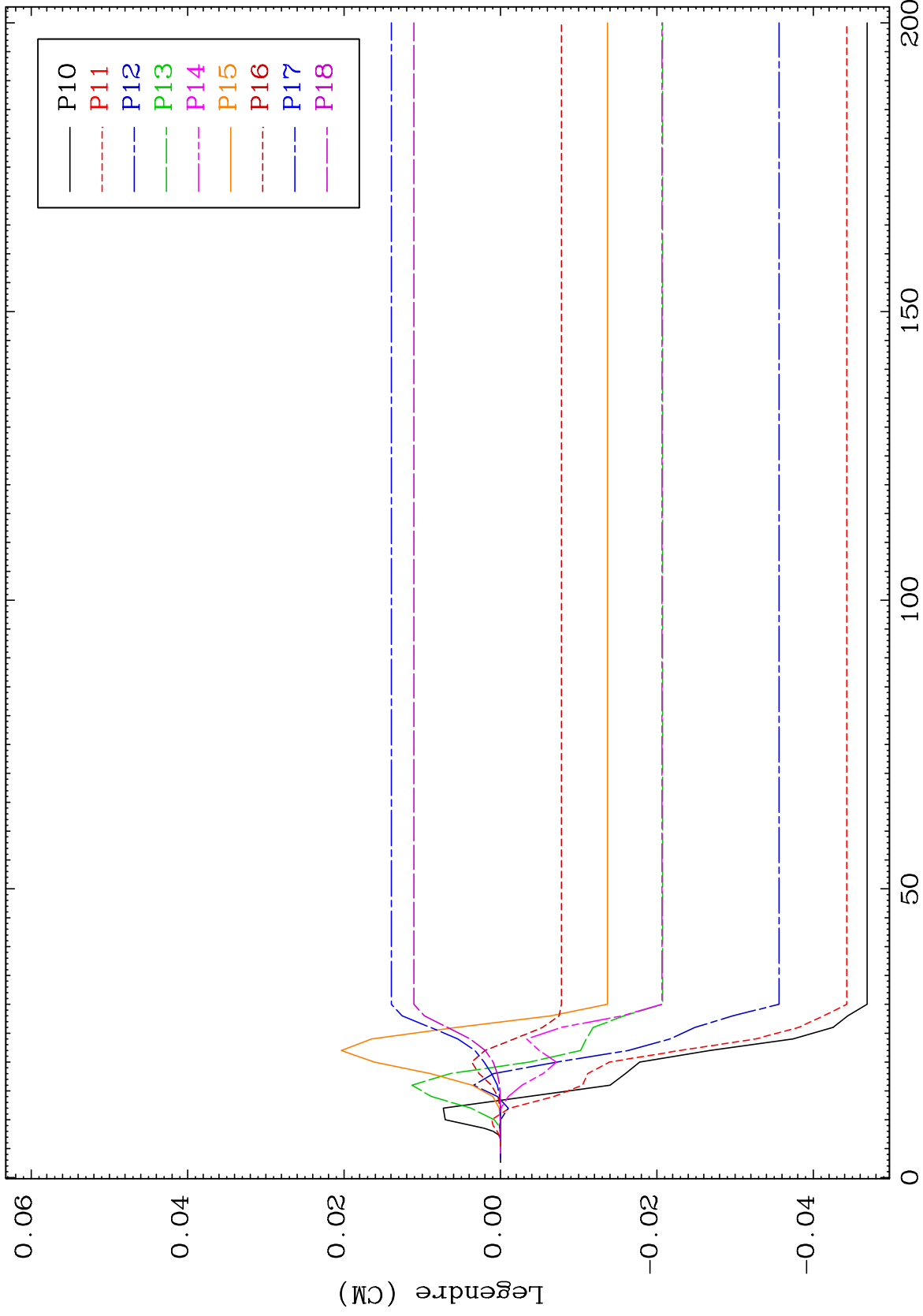




MAT 5167

2.038 MeV (n,n') Level
Legendre Coefficients

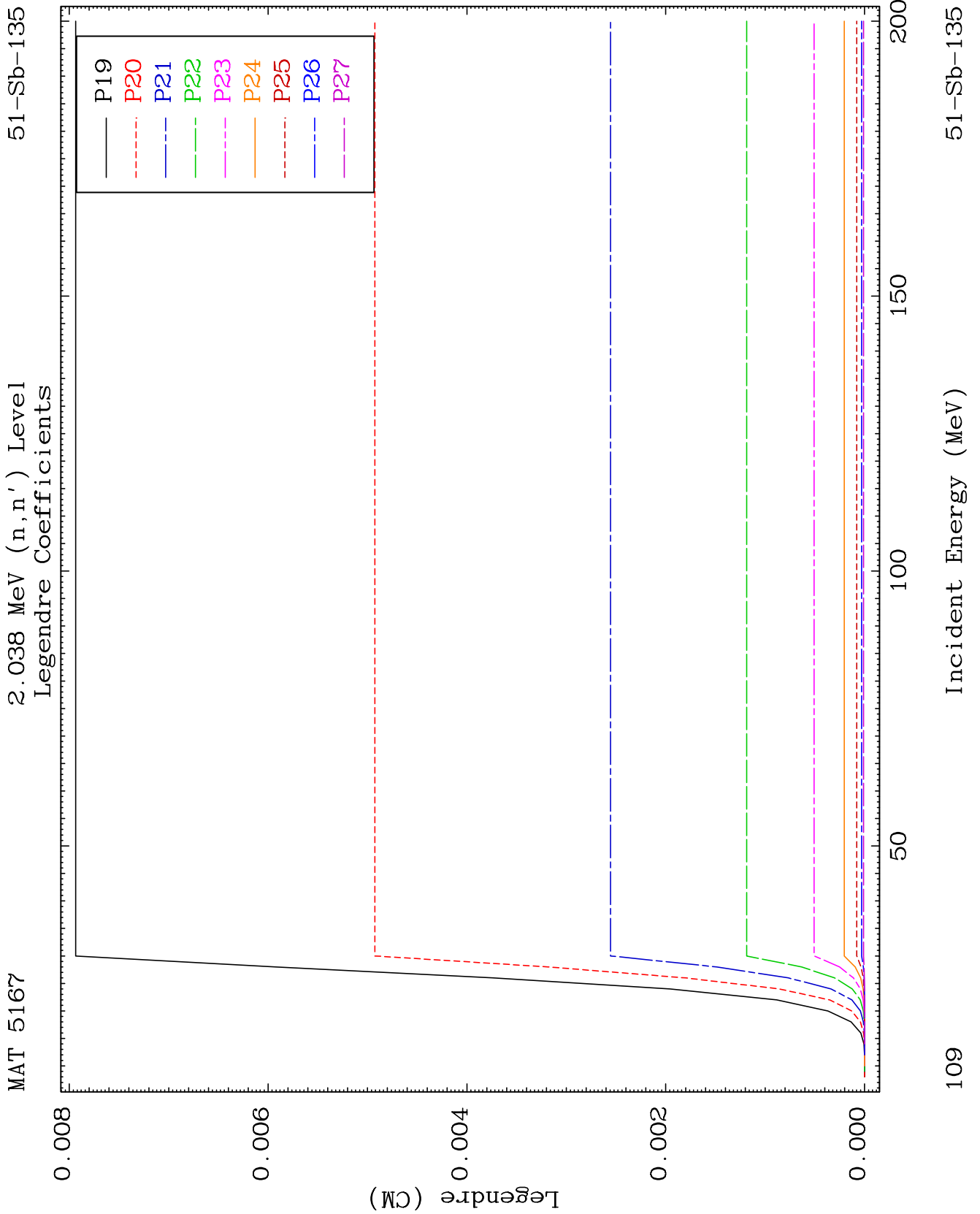
51-Sb-135

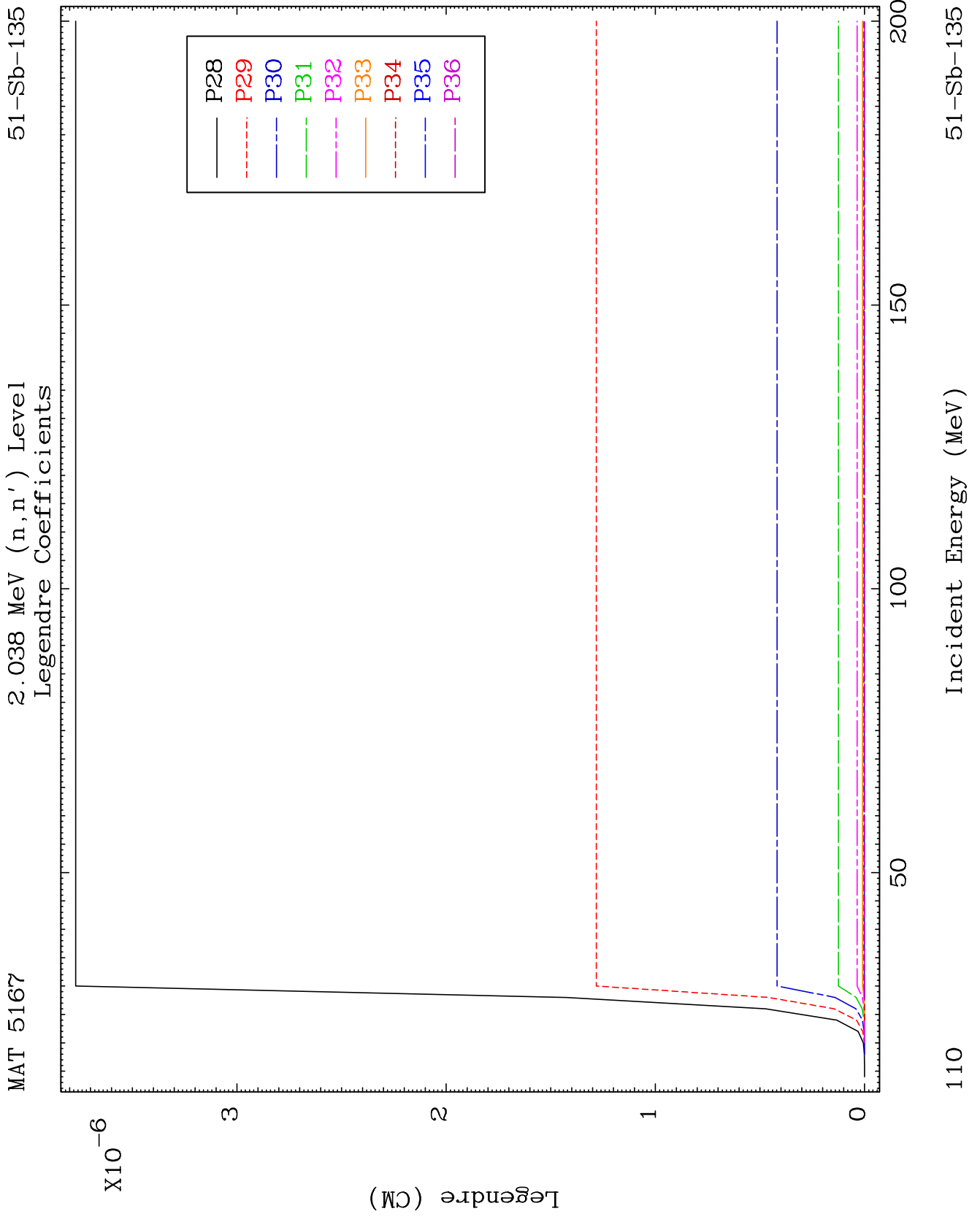


108

Incident Energy (MeV)

51-Sb-135

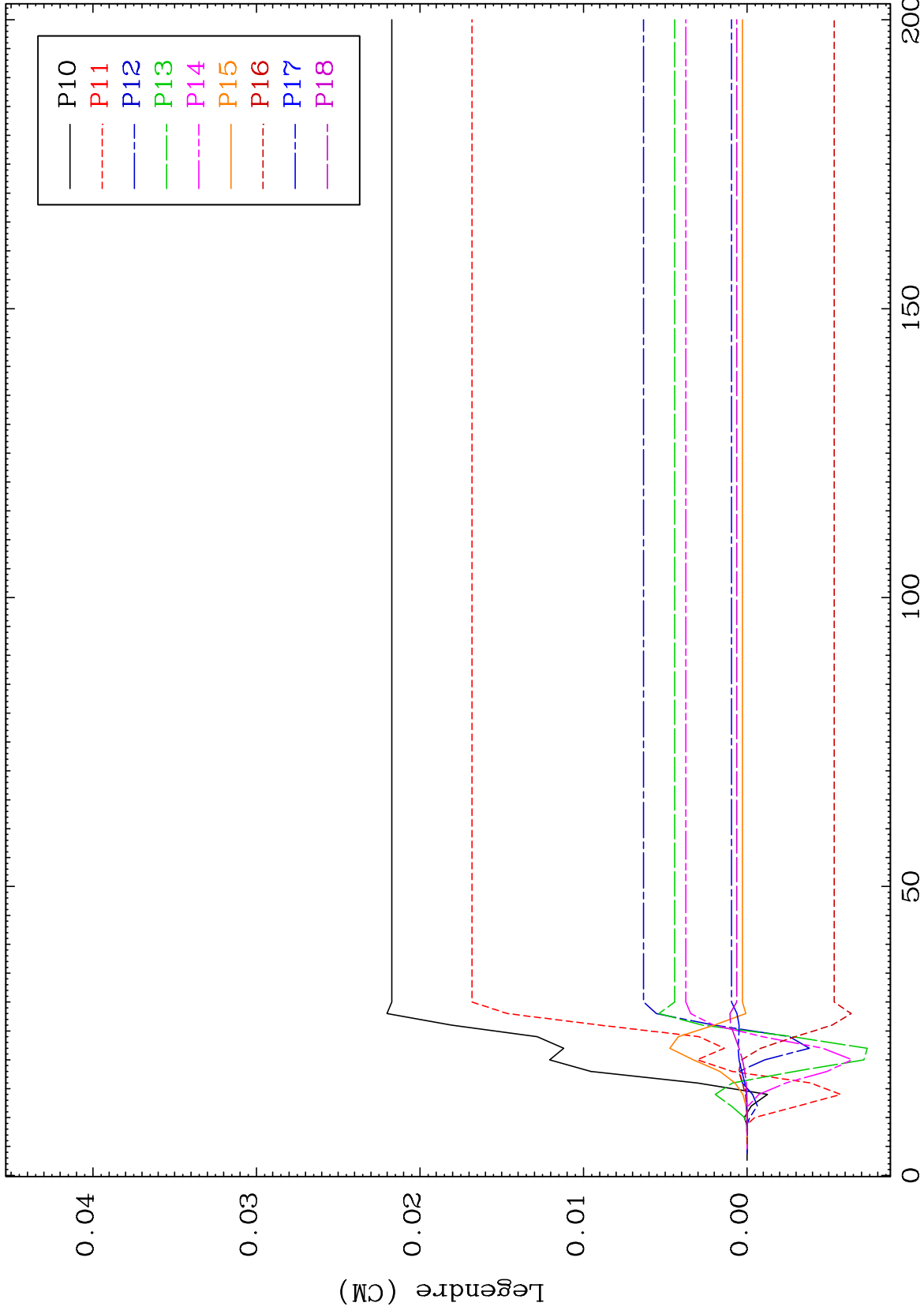




MAT 5167

2.089 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



112

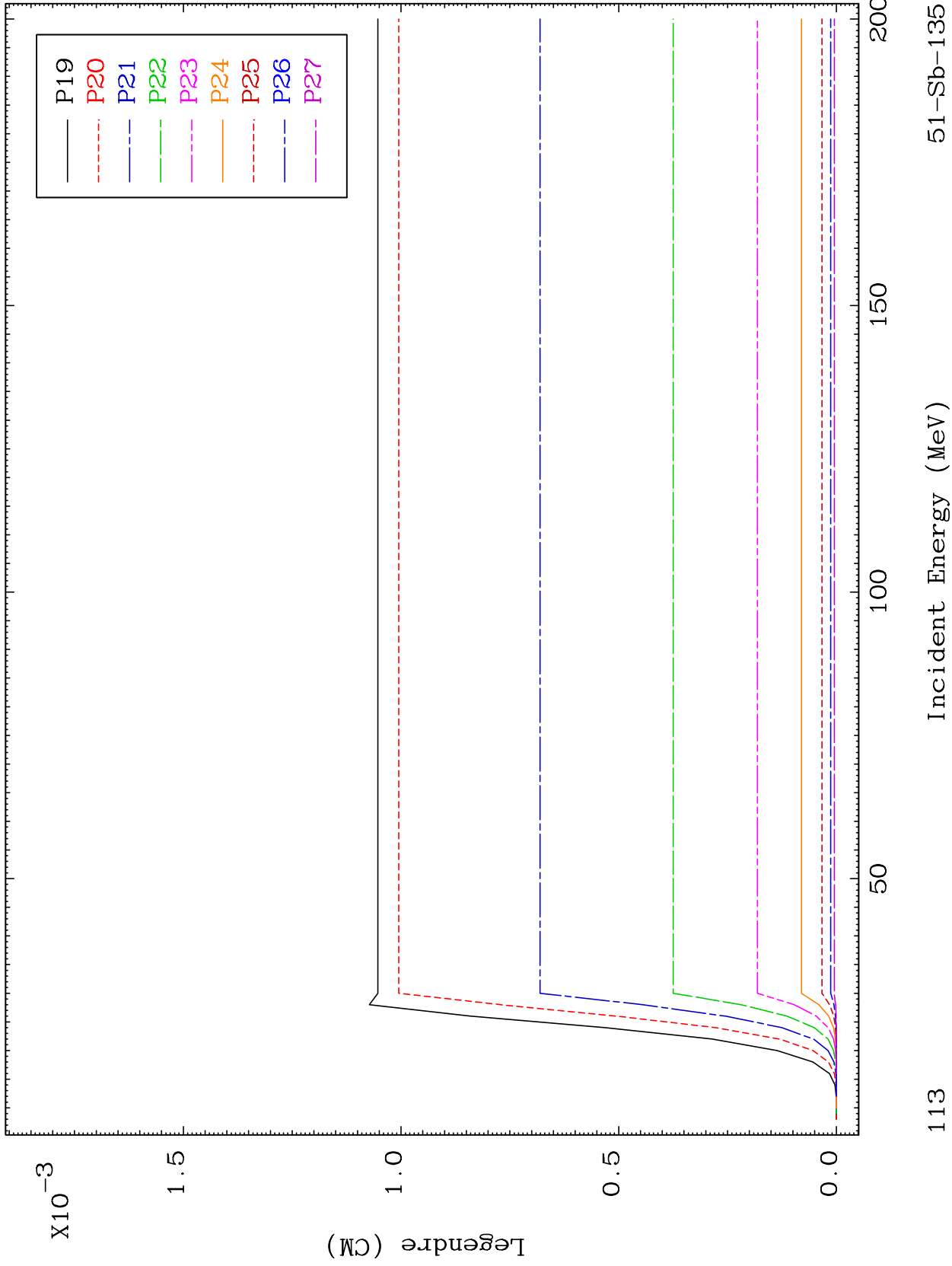
Incident Energy (MeV)

51-Sb-135

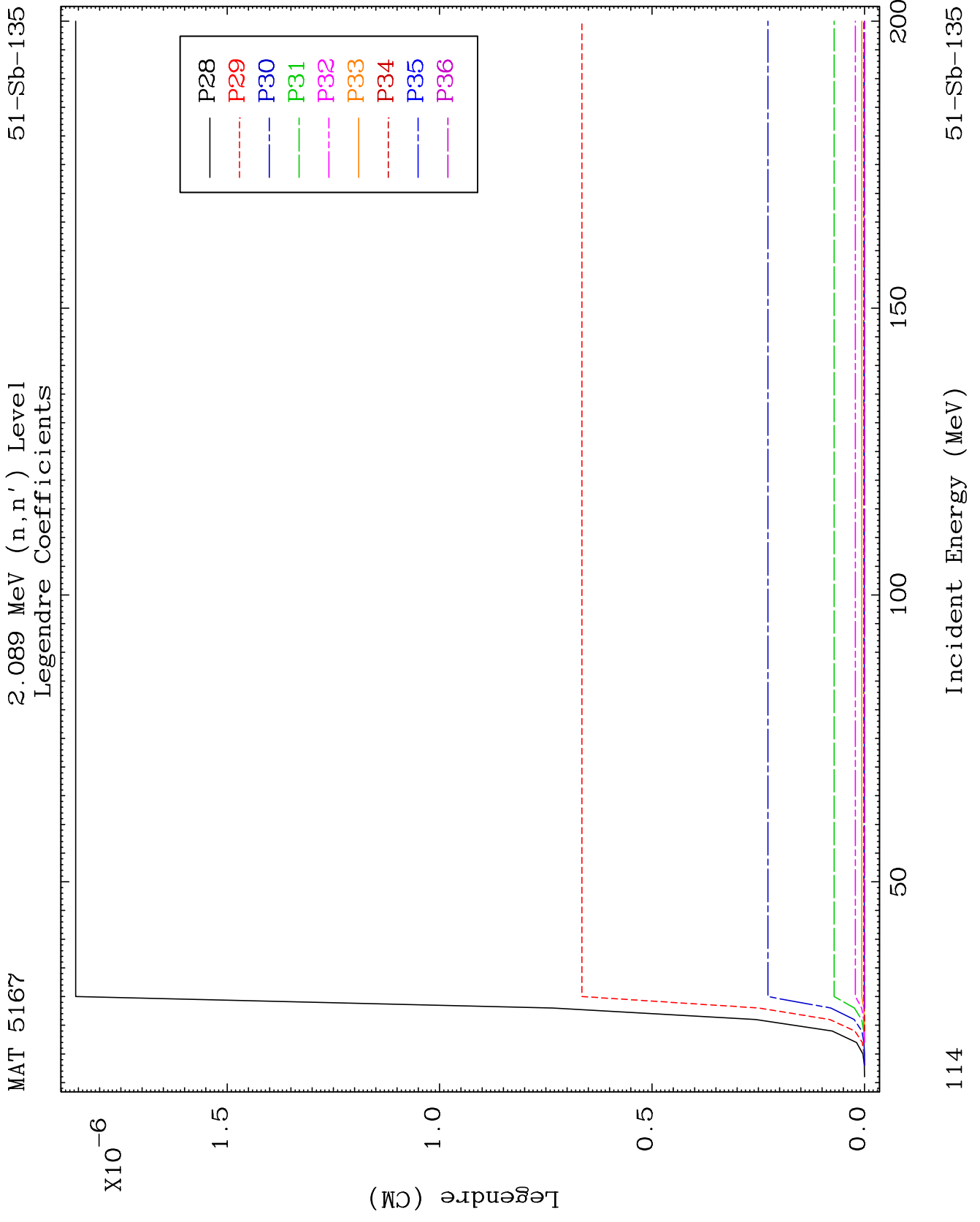
MAT 5167

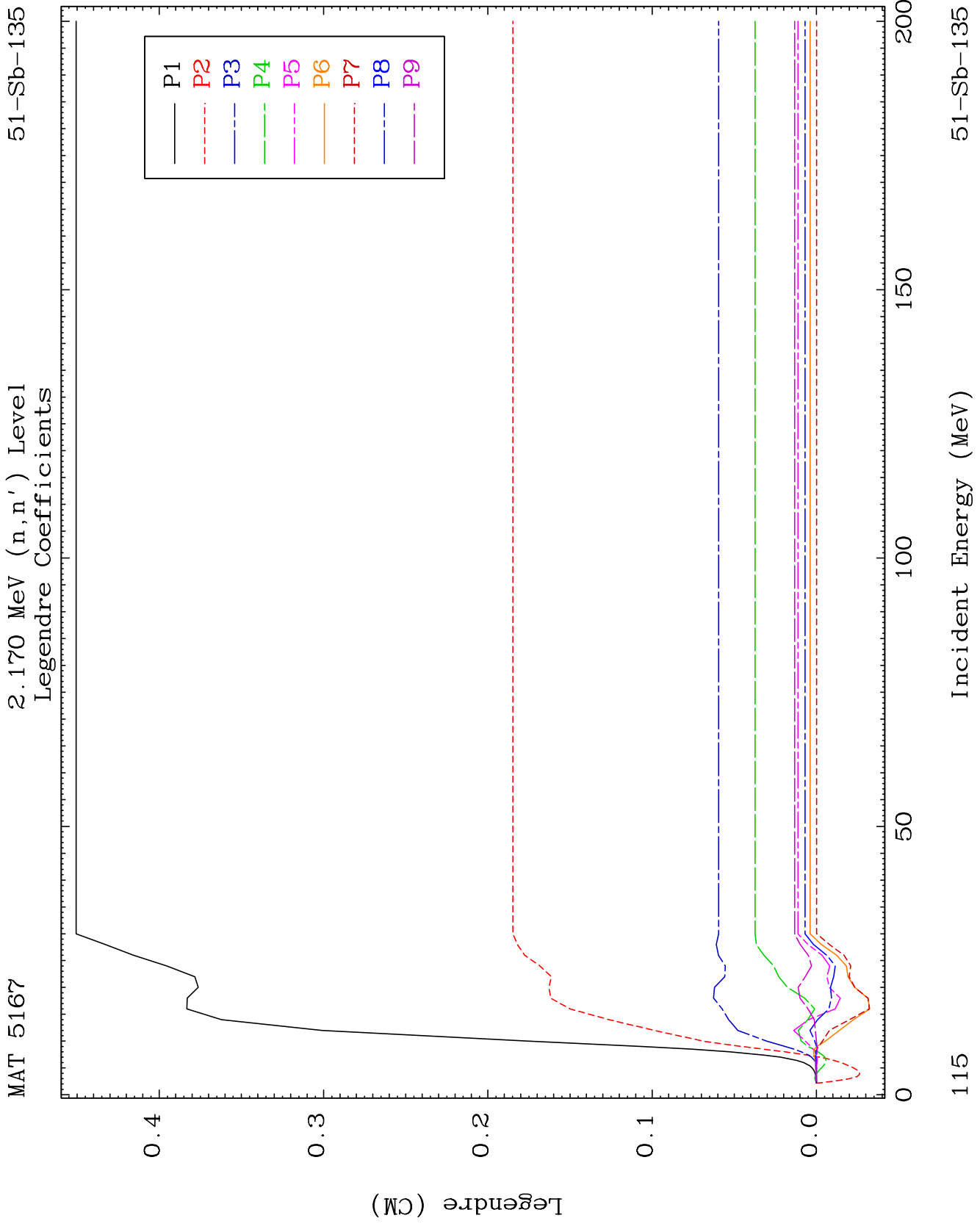
2.089 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



113

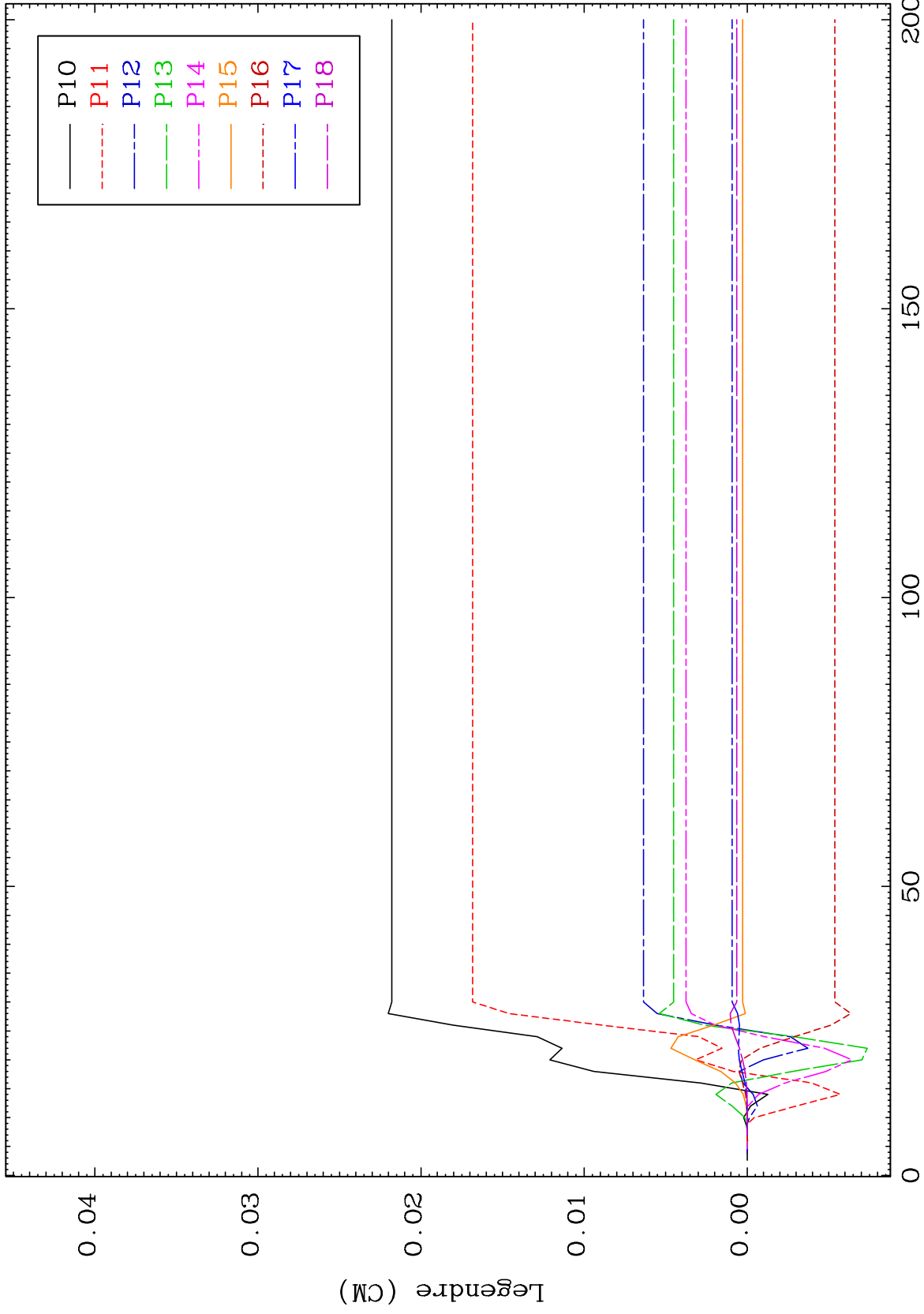




MAT 5167

2.170 MeV (n,n') Level
Legendre Coefficients

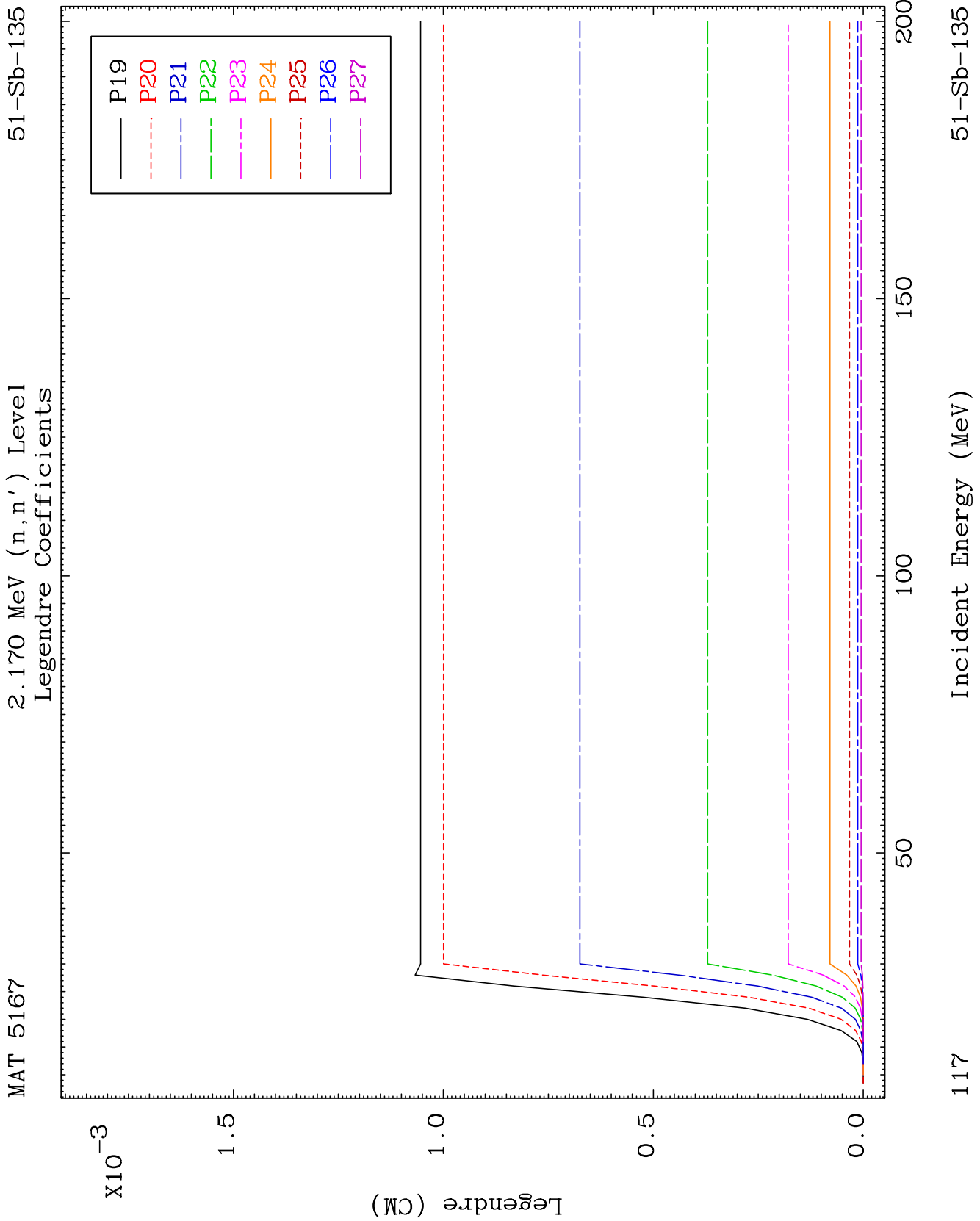
51-Sb-135



116

Incident Energy (MeV)

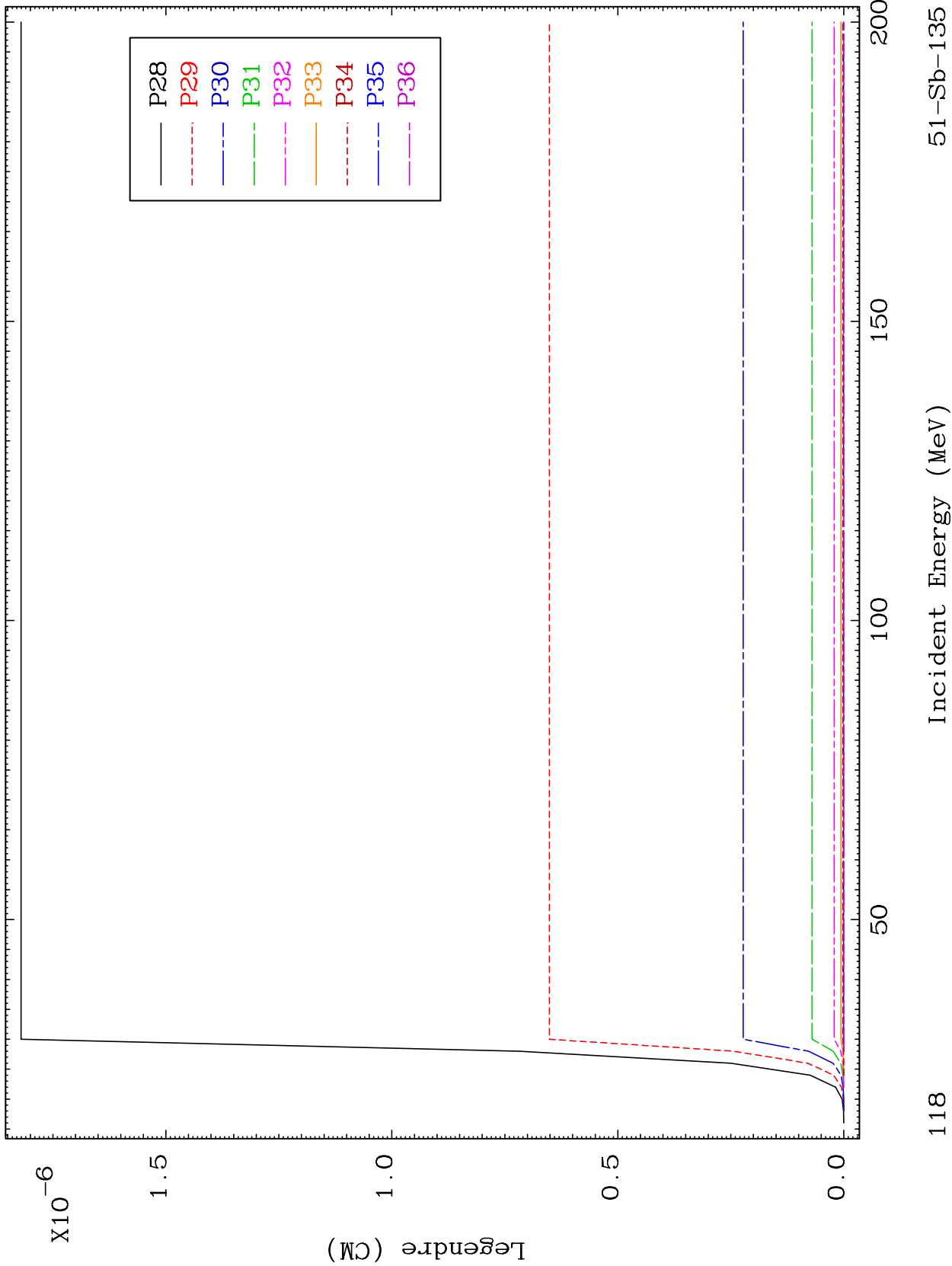
51-Sb-135



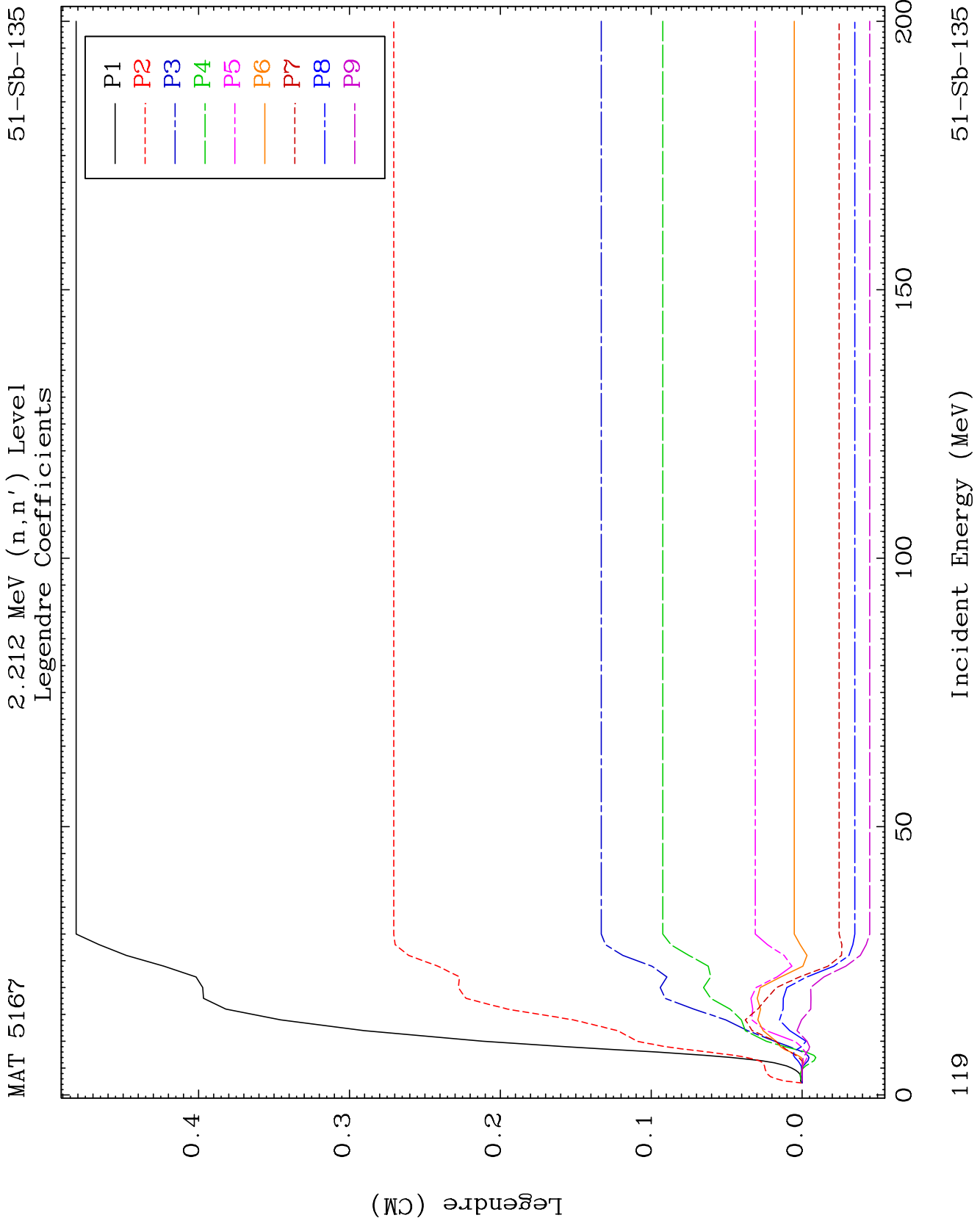
MAT 5167

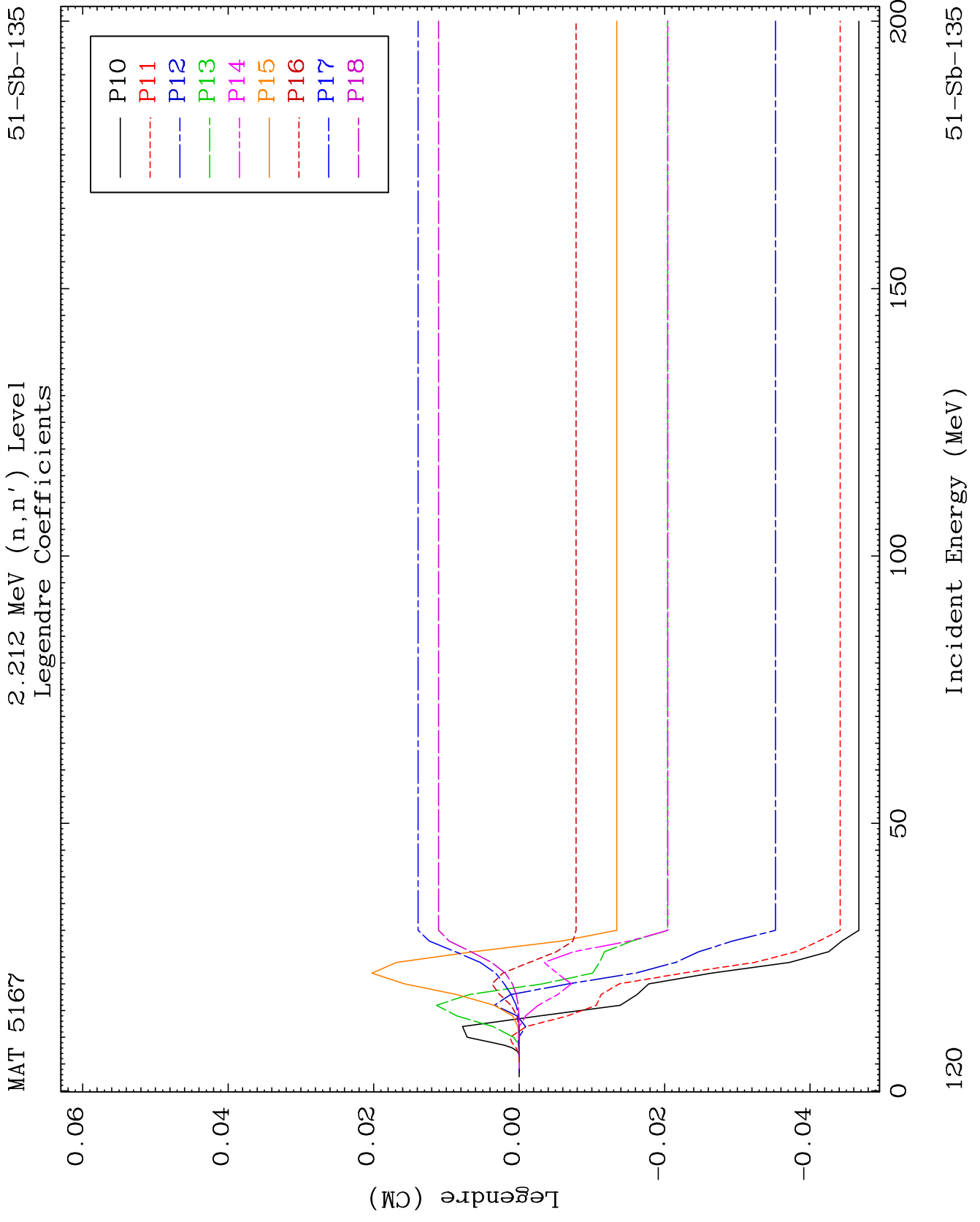
2.170 MeV (n,n') Level
Legendre Coefficients

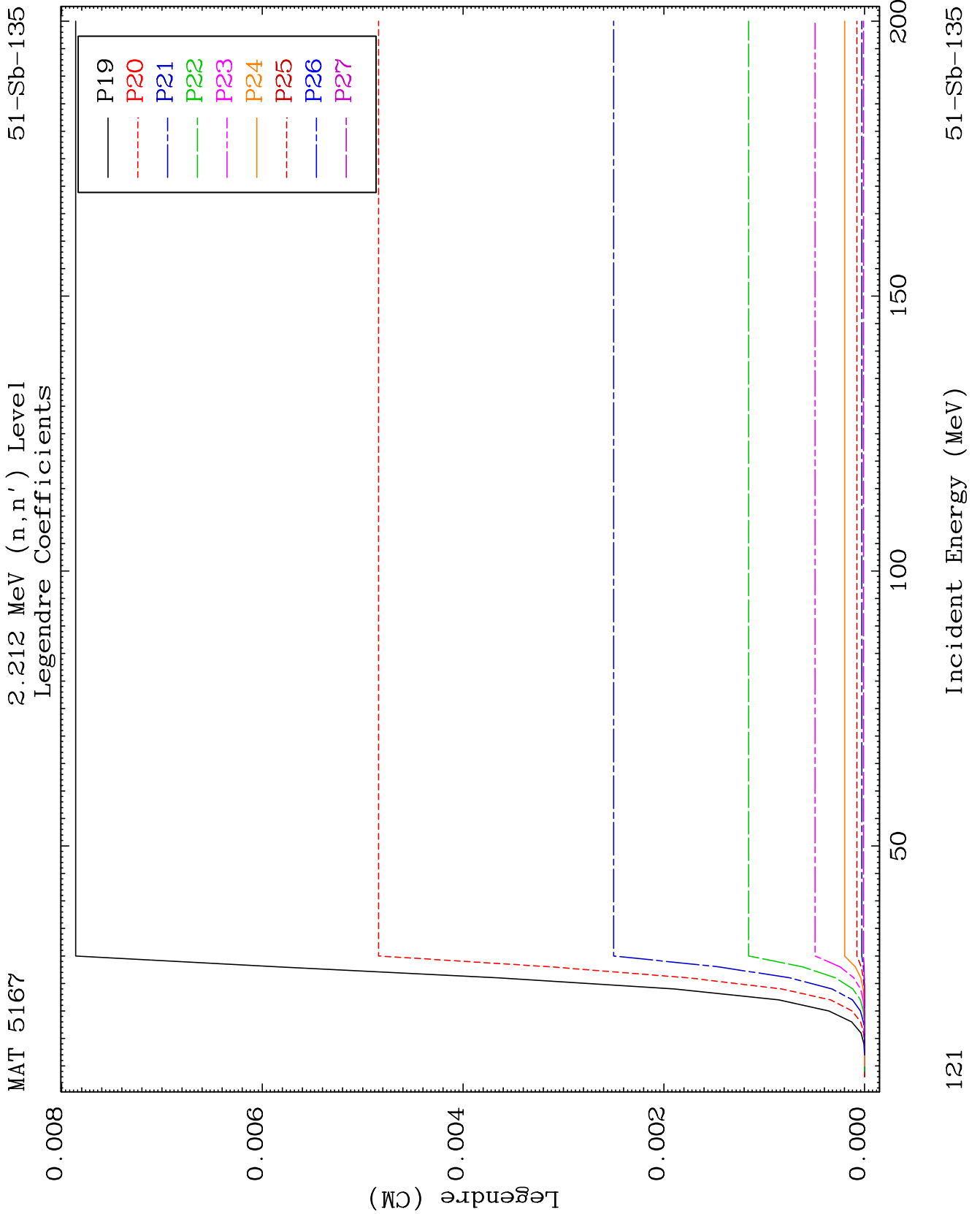
51-Sb-135



118



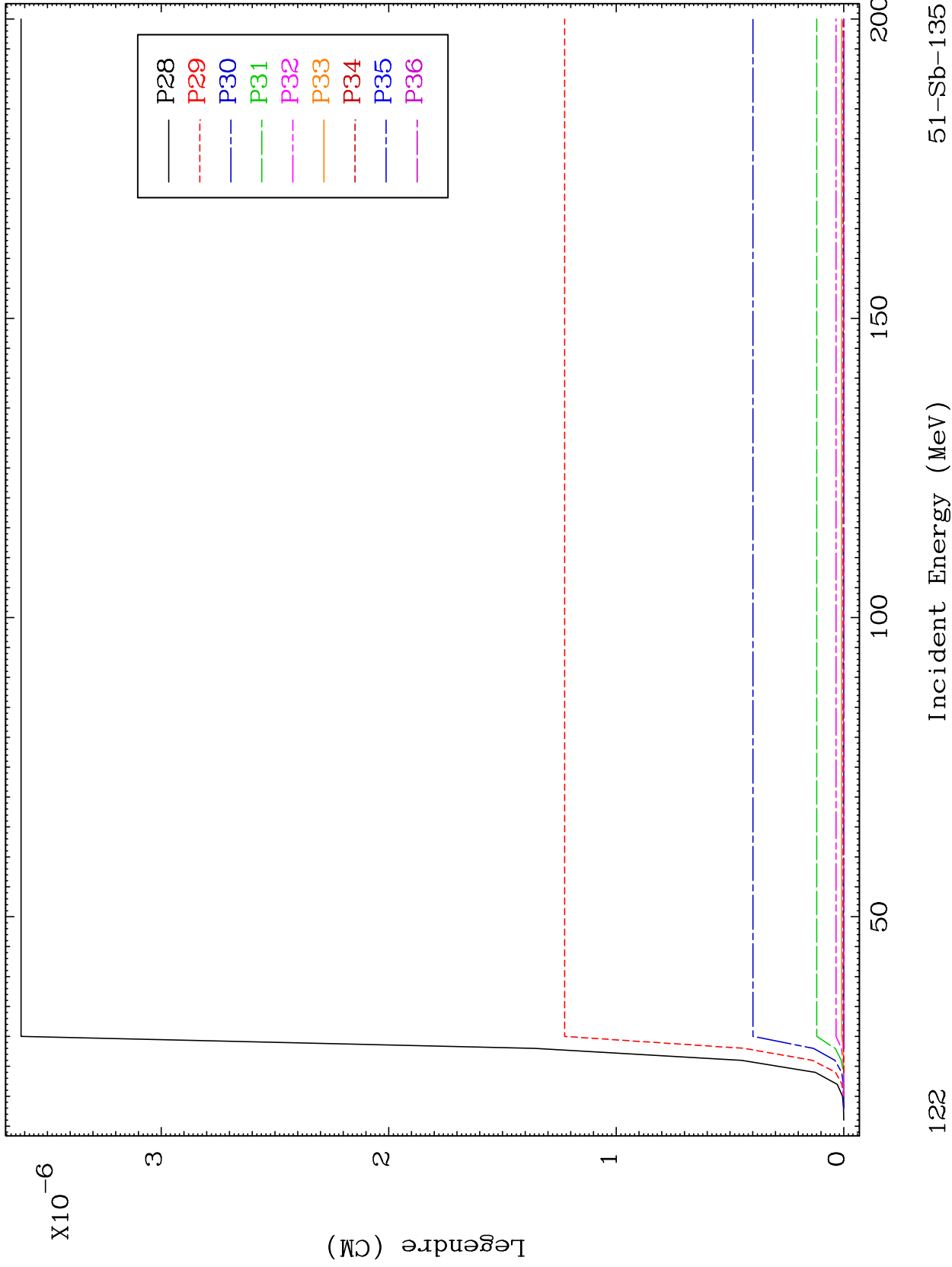




MAT 5167

2.212 MeV (n, n') Level
Legendre Coefficients

51-Sb-135

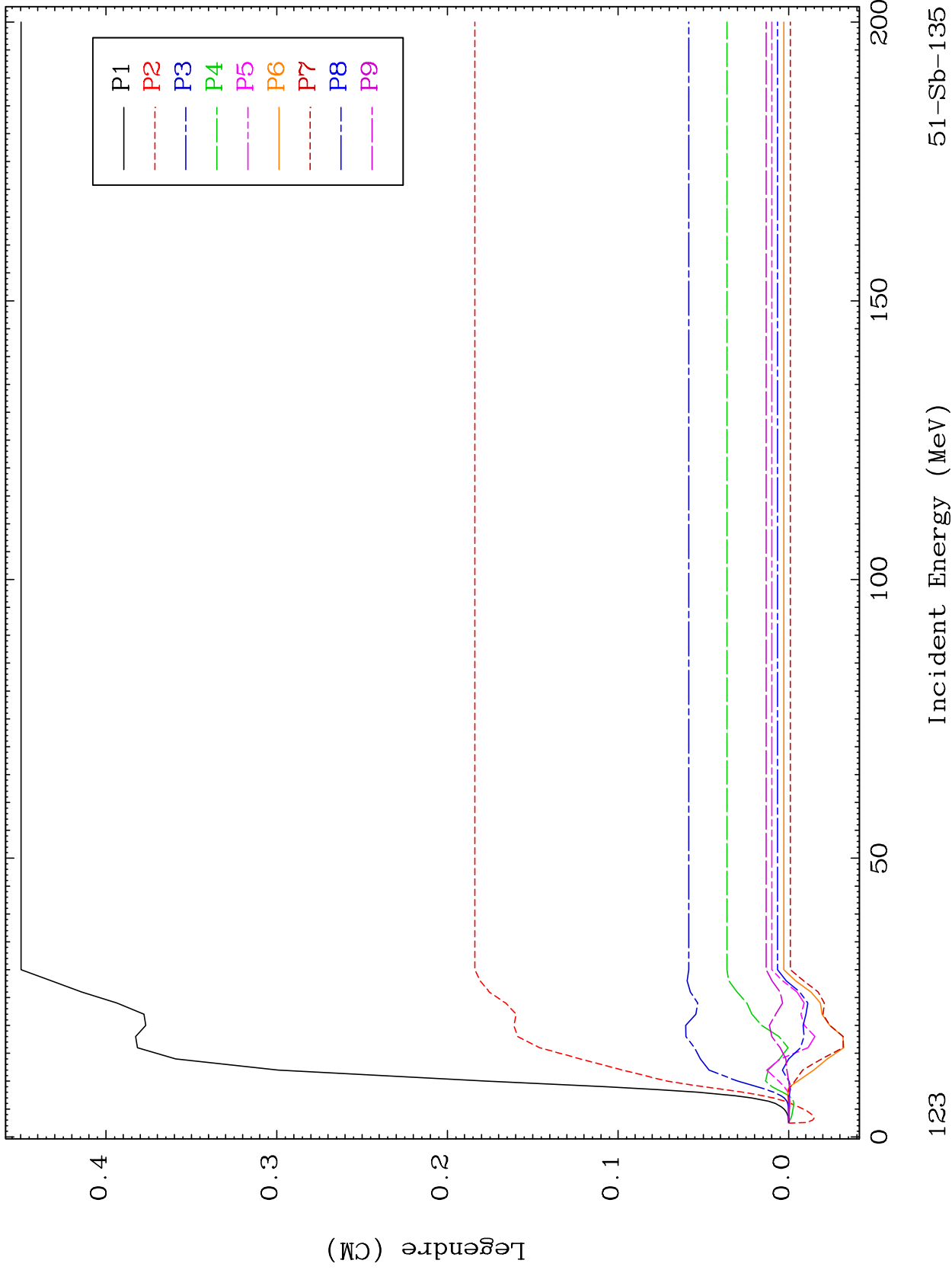


122

MAT 5167

2.440 MeV (n,n') Level
Legendre Coefficients

51-Sb-135

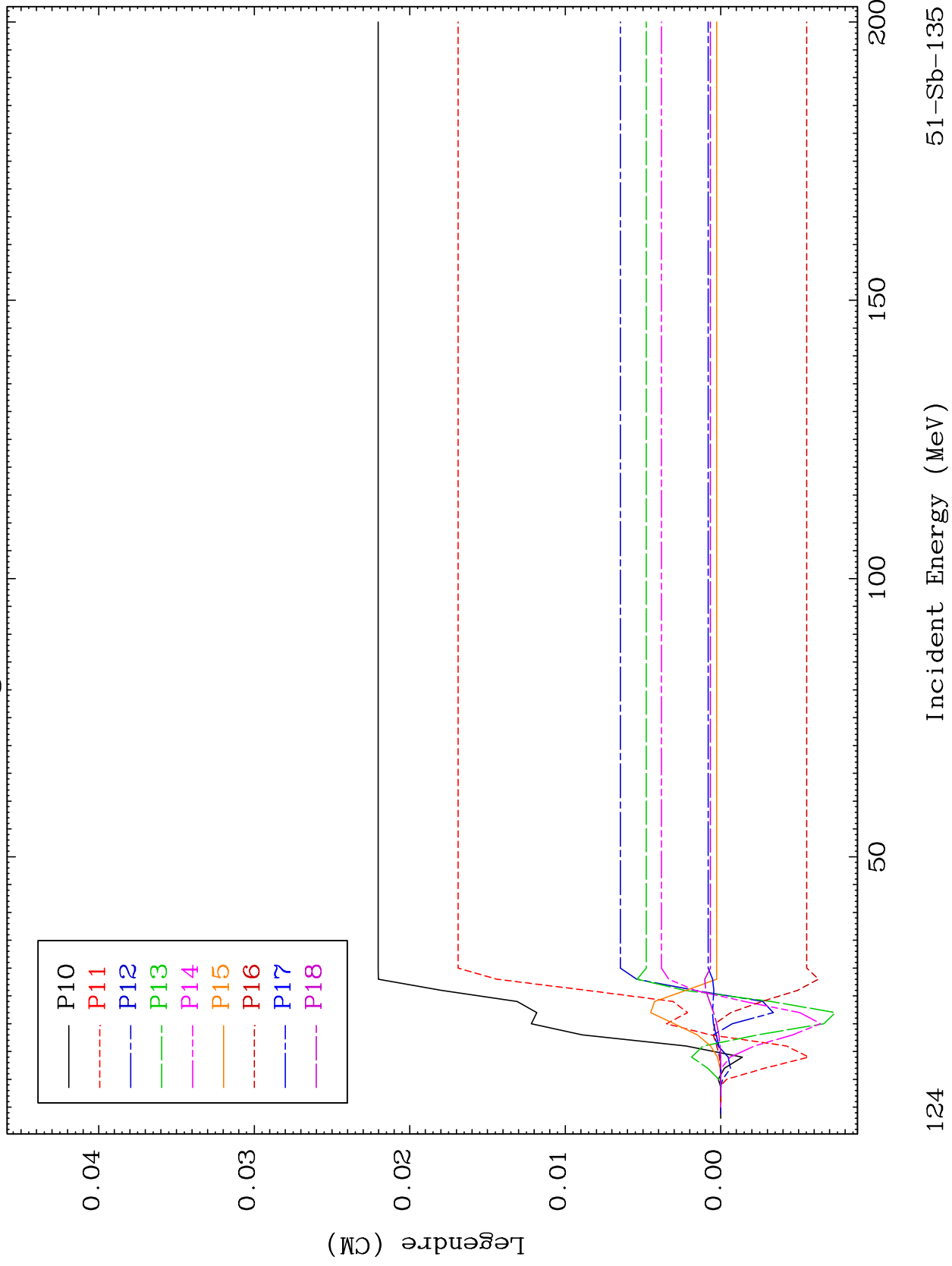


123

MAT 51677

2.440 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



124

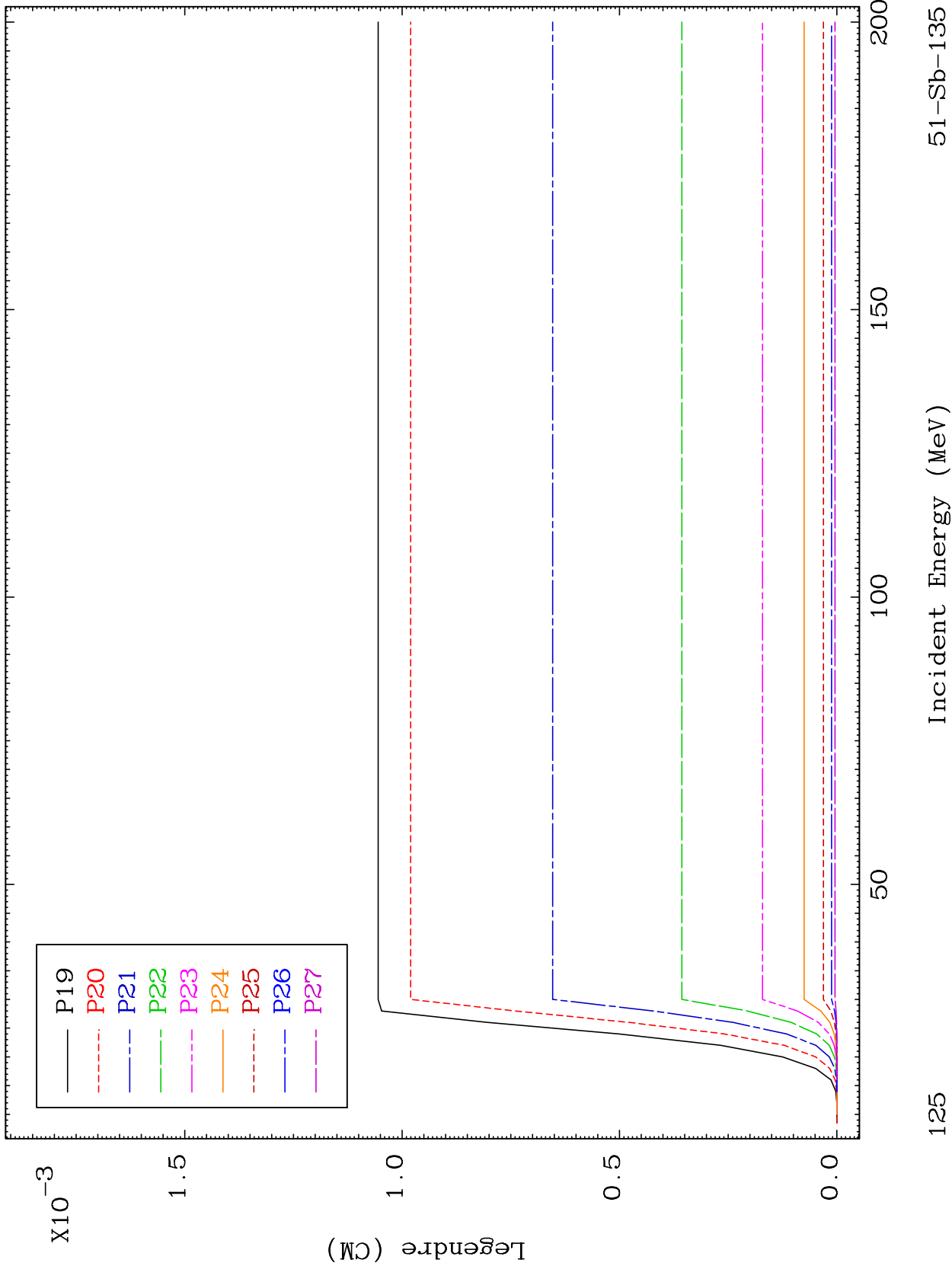
Incident Energy (MeV)

51-Sb-135

MAT 51677

2.440 MeV (n,n') Level
Legendre Coefficients

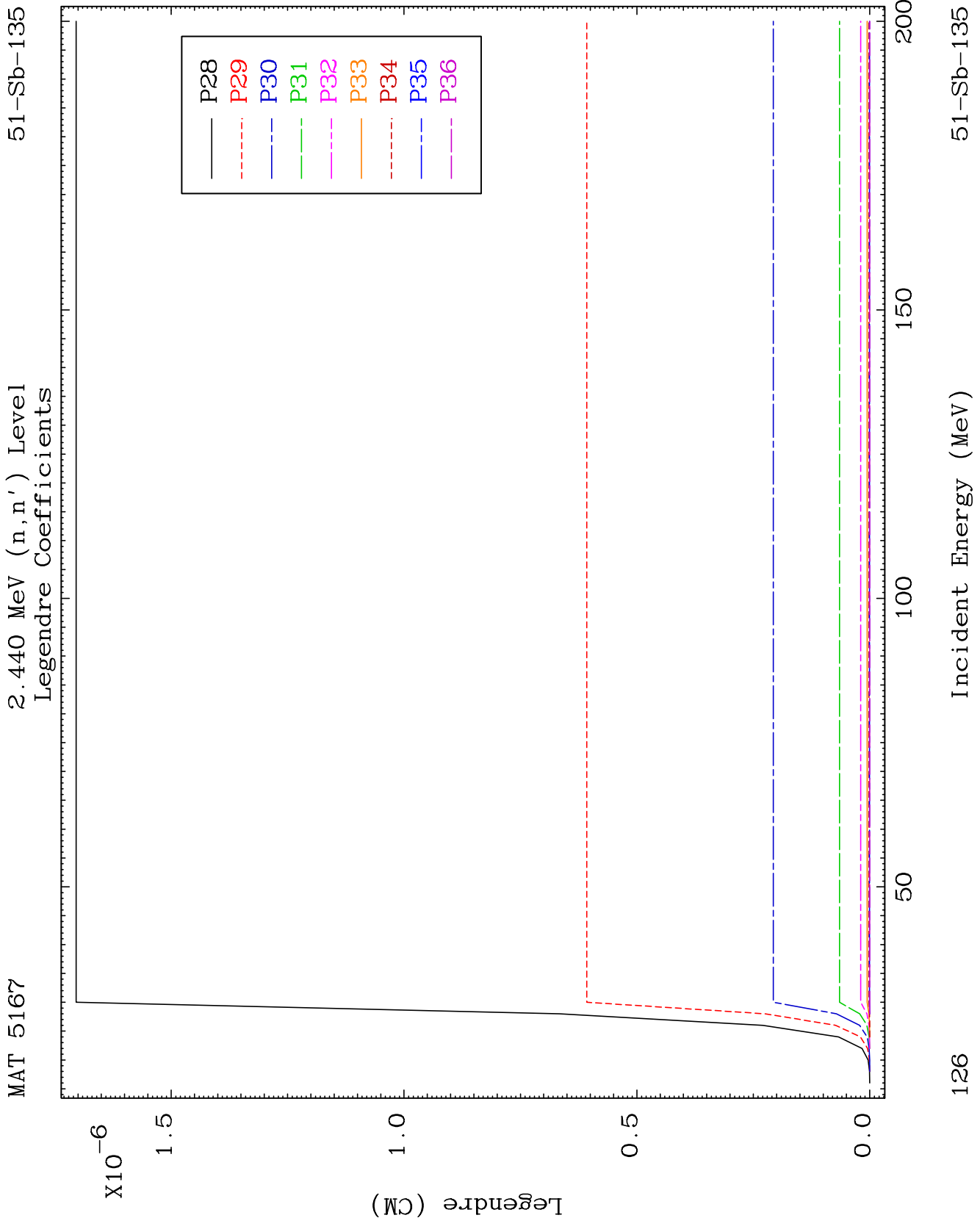
51-Sb-135

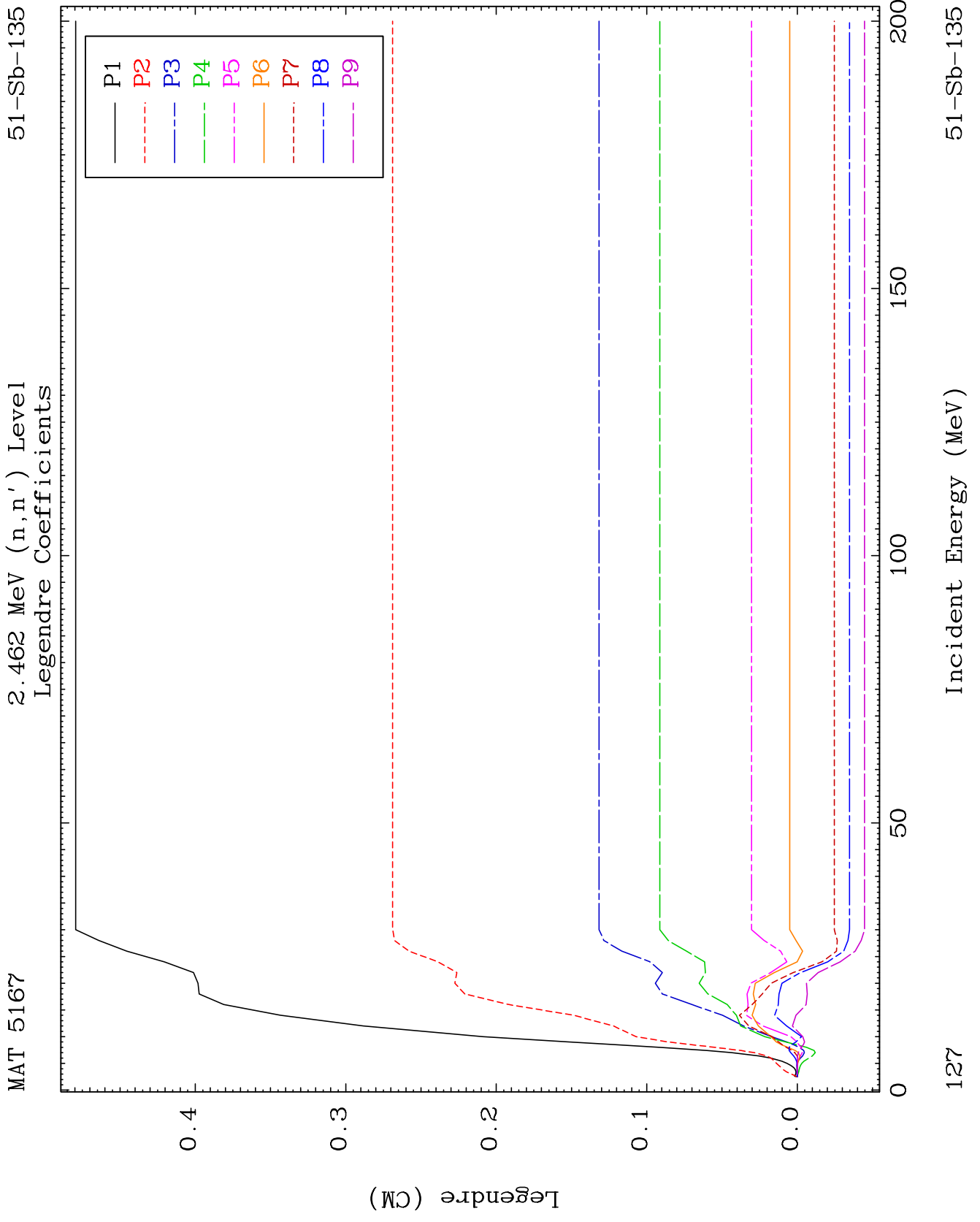


125

Incident Energy (MeV)

51-Sb-135

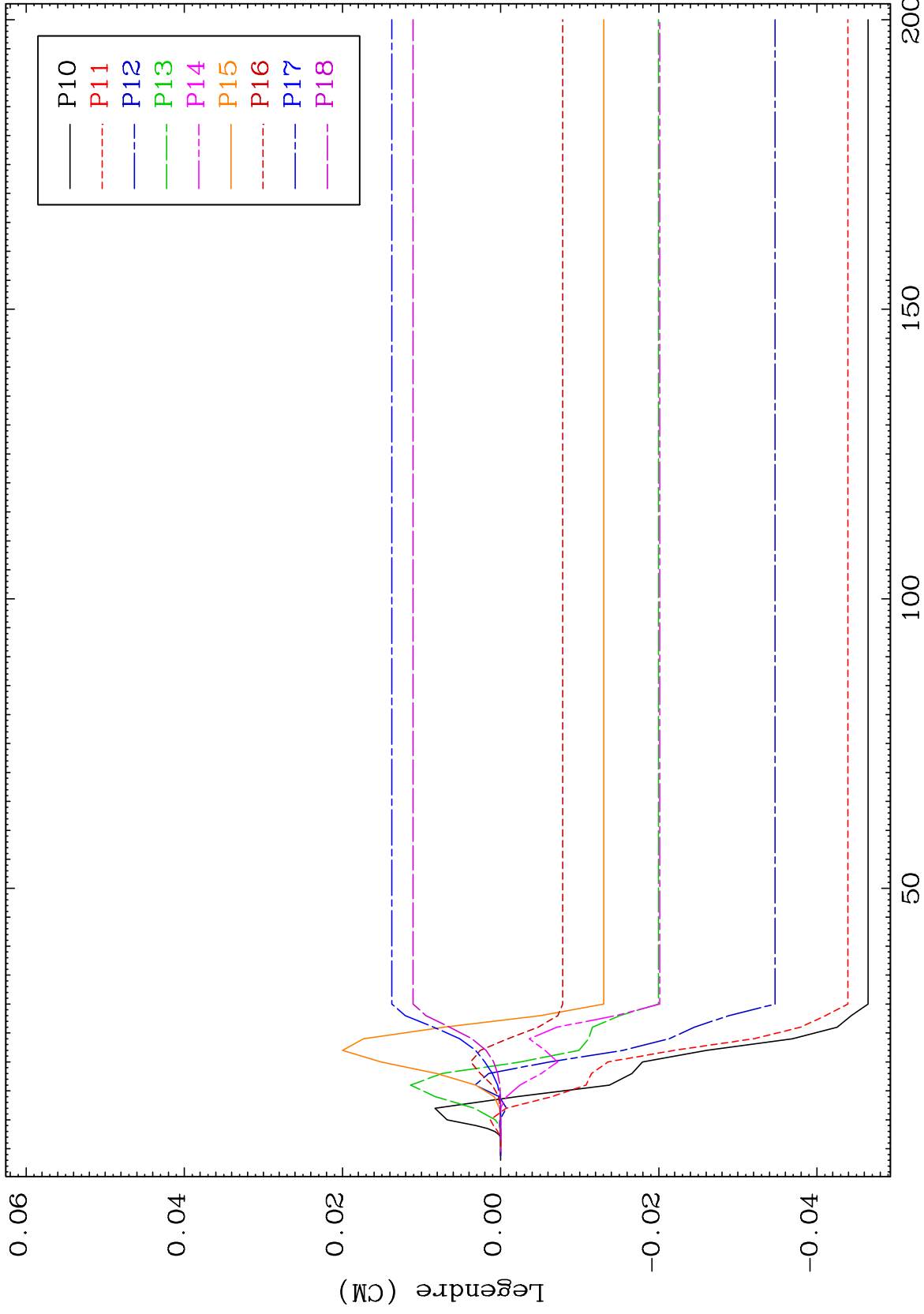




MAT 5167

2.462 MeV (n,n') Level
Legendre Coefficients

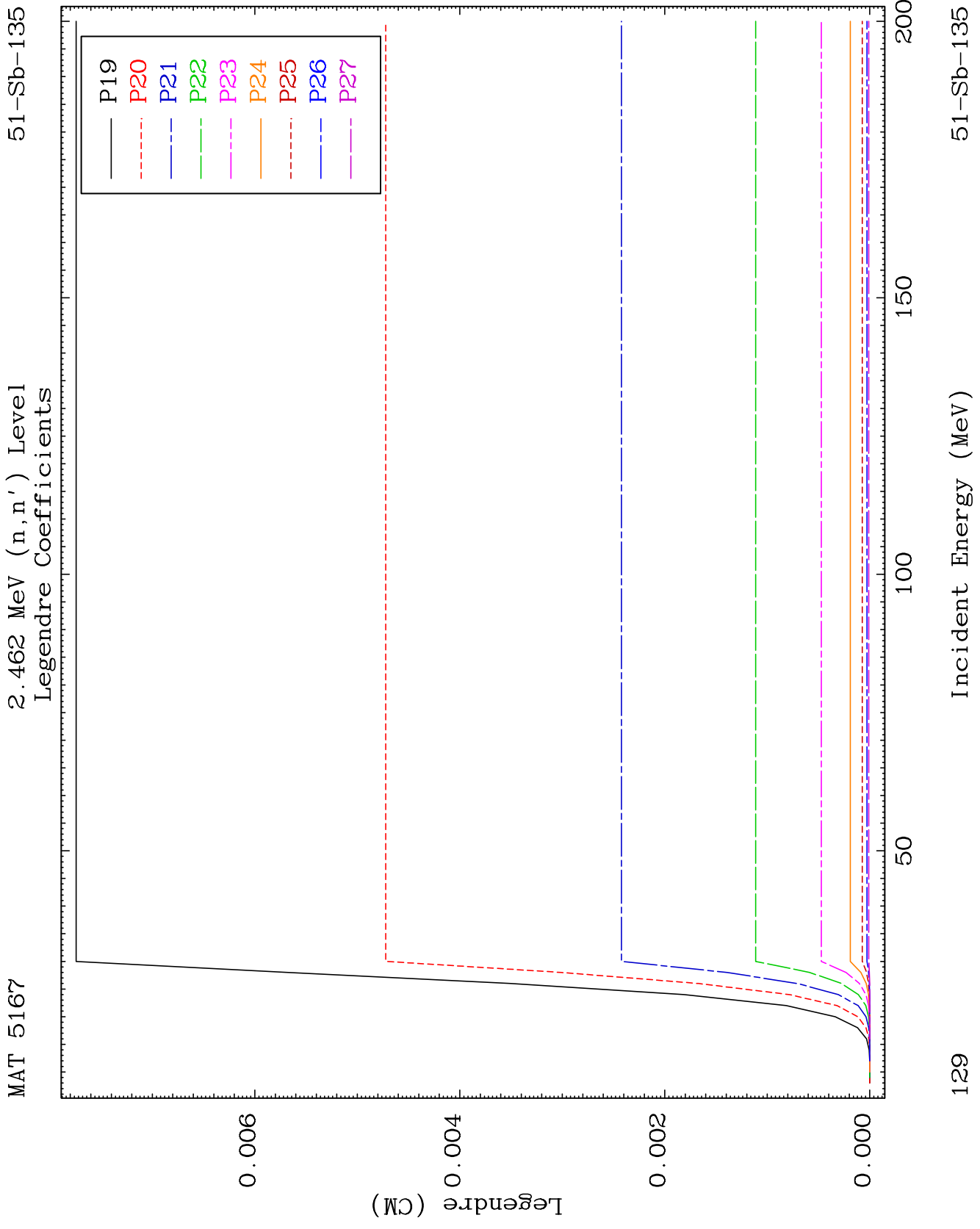
51-Sb-135



128

Incident Energy (MeV)

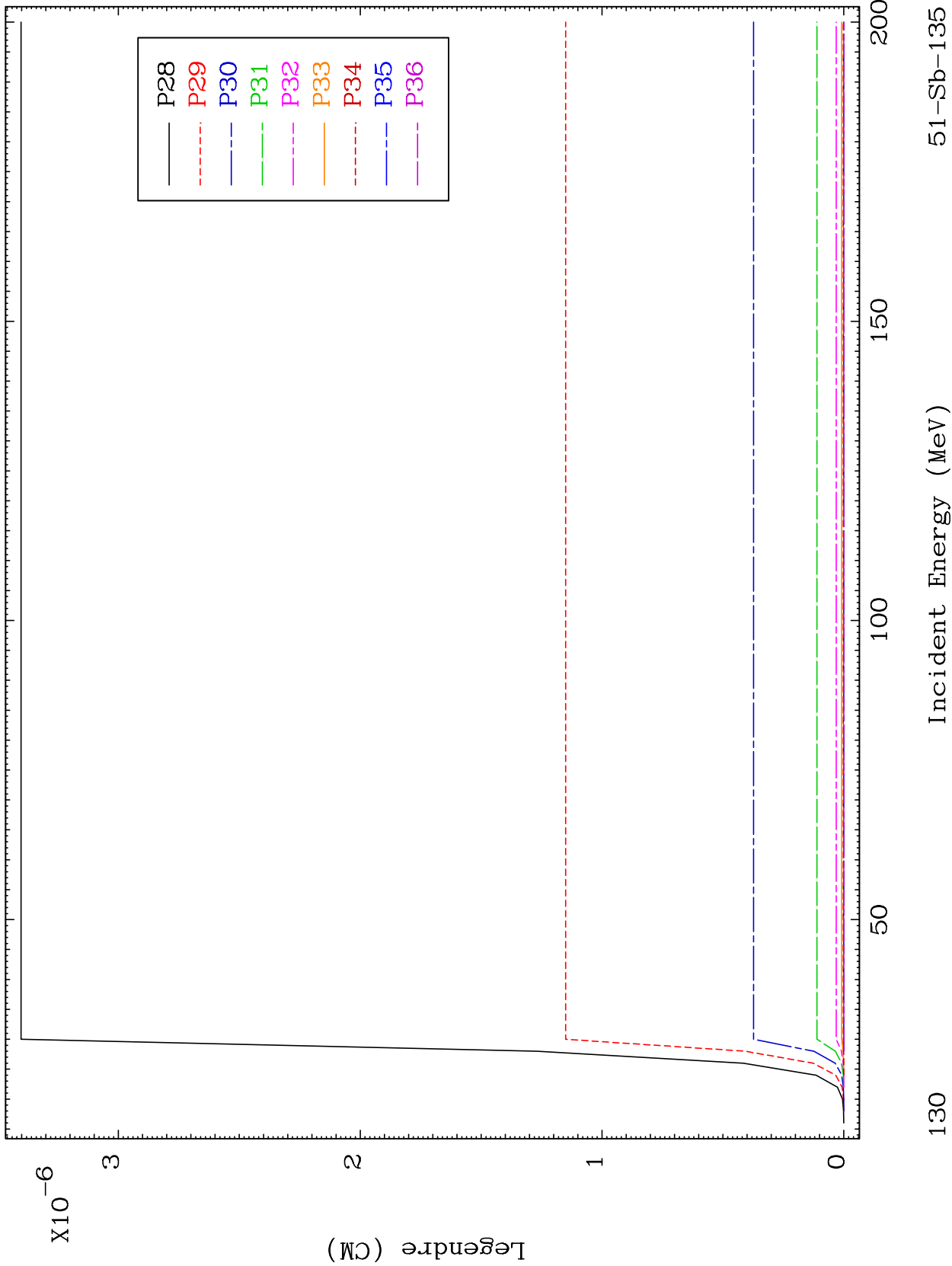
51-Sb-135



MAT 5167

2.462 MeV (n,n') Level
Legendre Coefficients

51-Sb-135



130

50

100

150

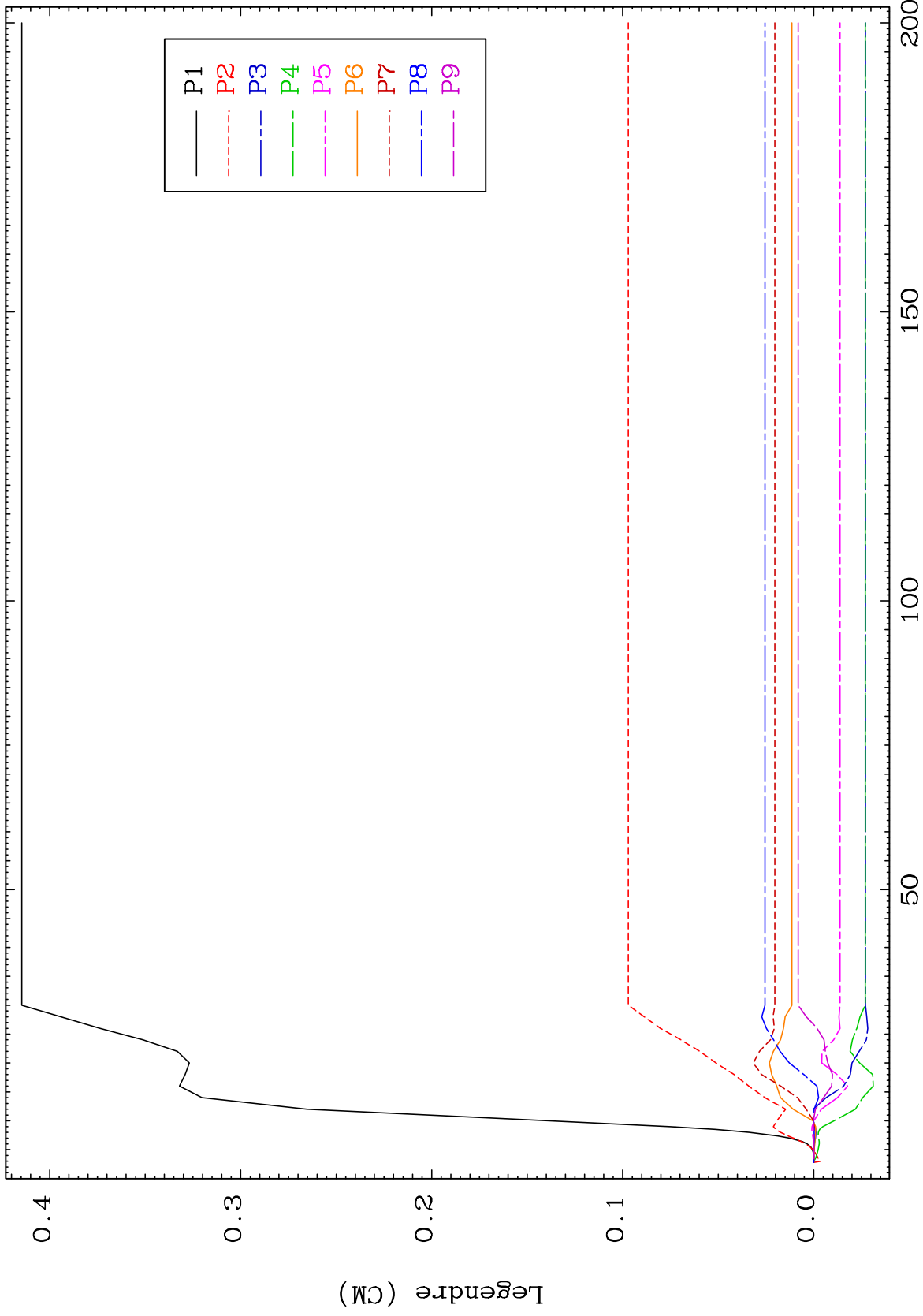
200

51-Sb-135

MAT 5167

2.764 MeV (n,n') Level
Legendre Coefficients

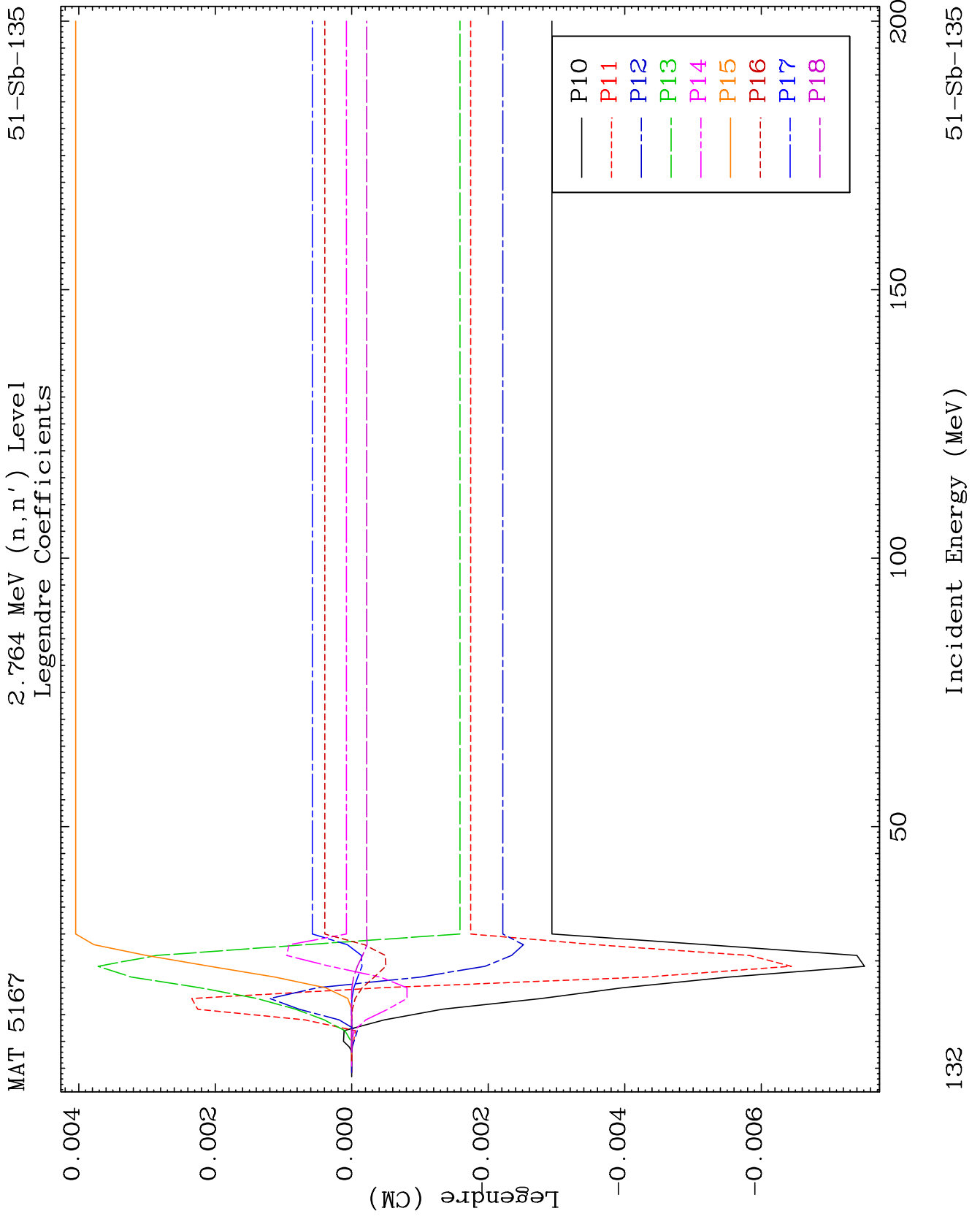
51-Sb-135

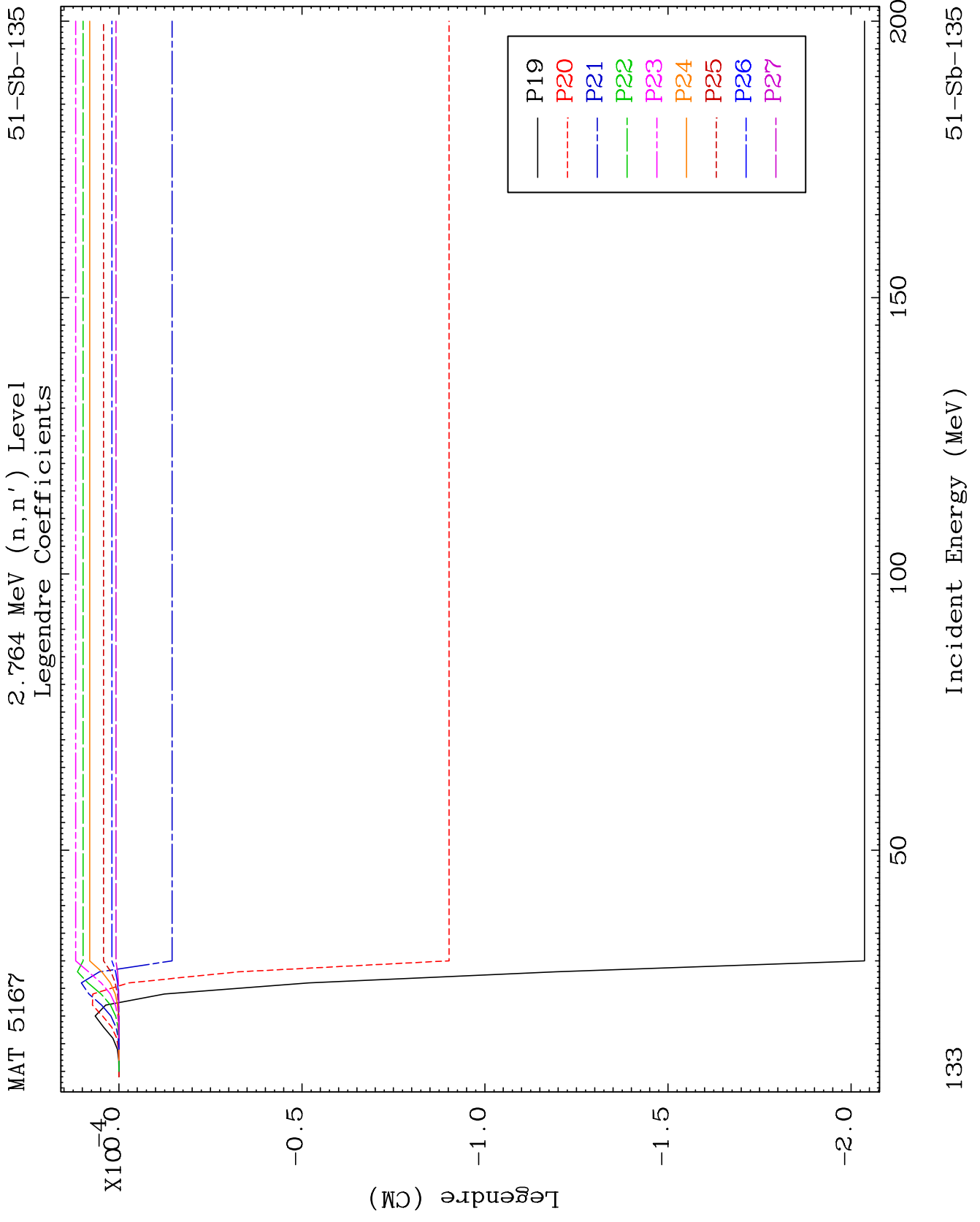


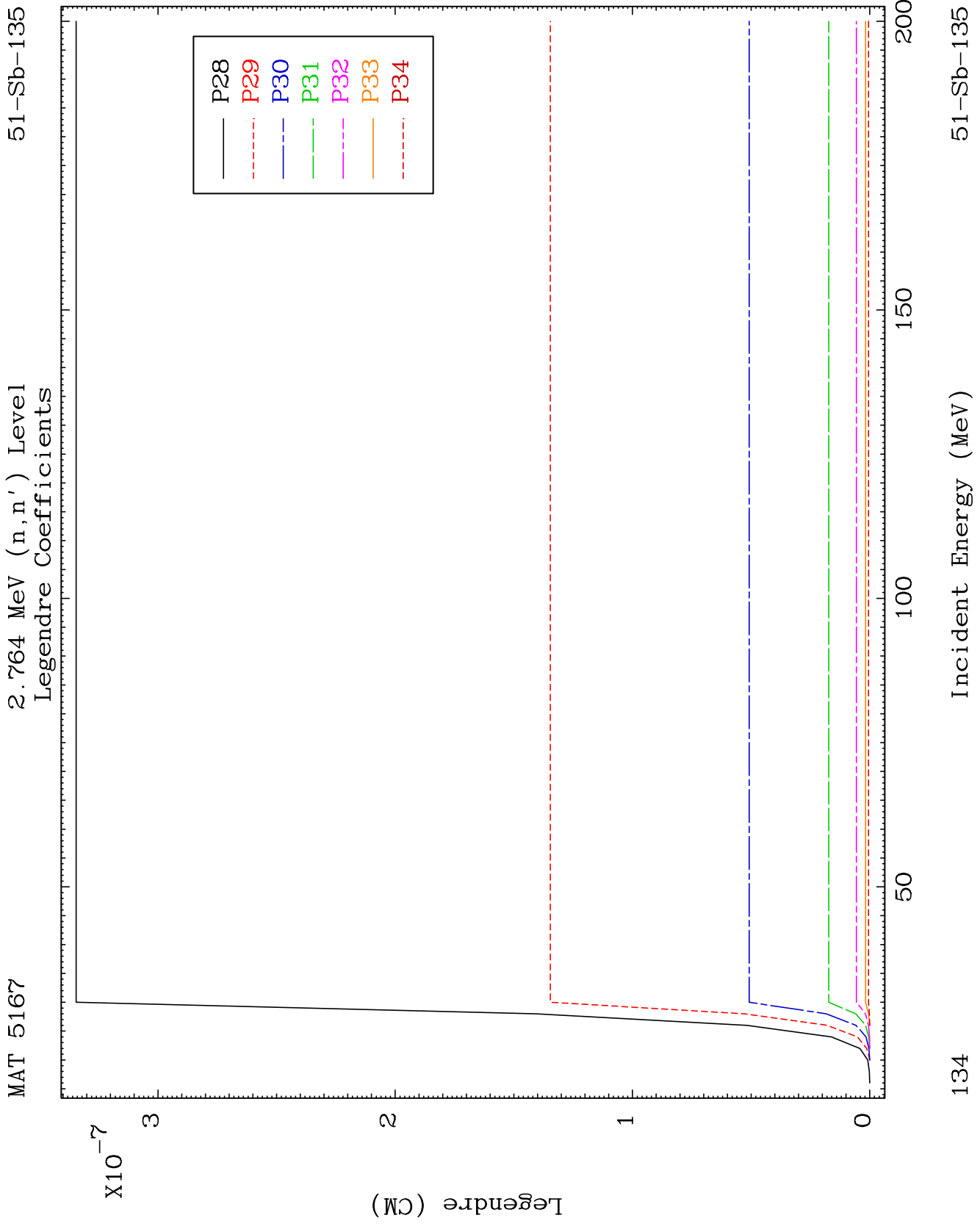
131

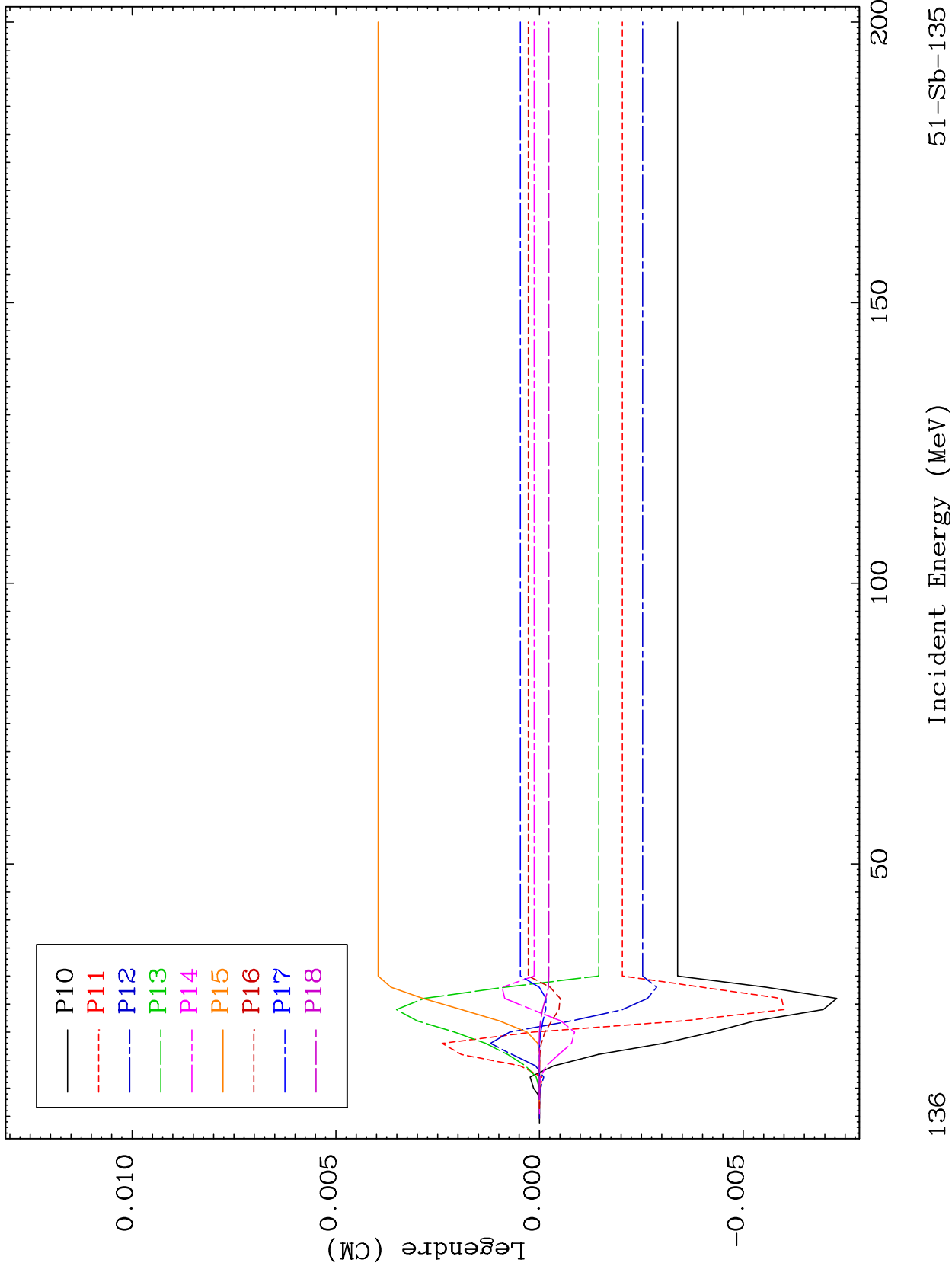
Incident Energy (MeV)

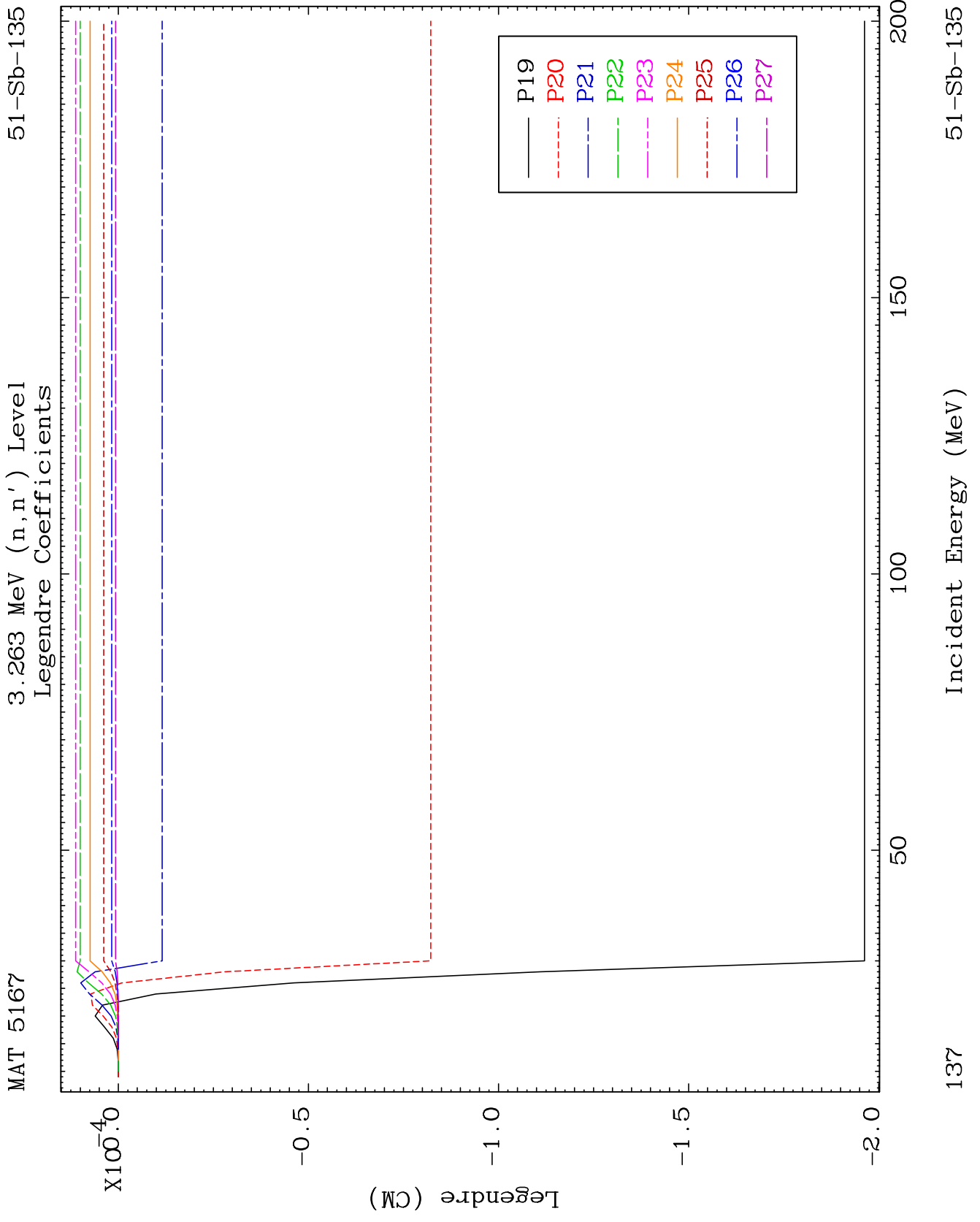
51-Sb-135

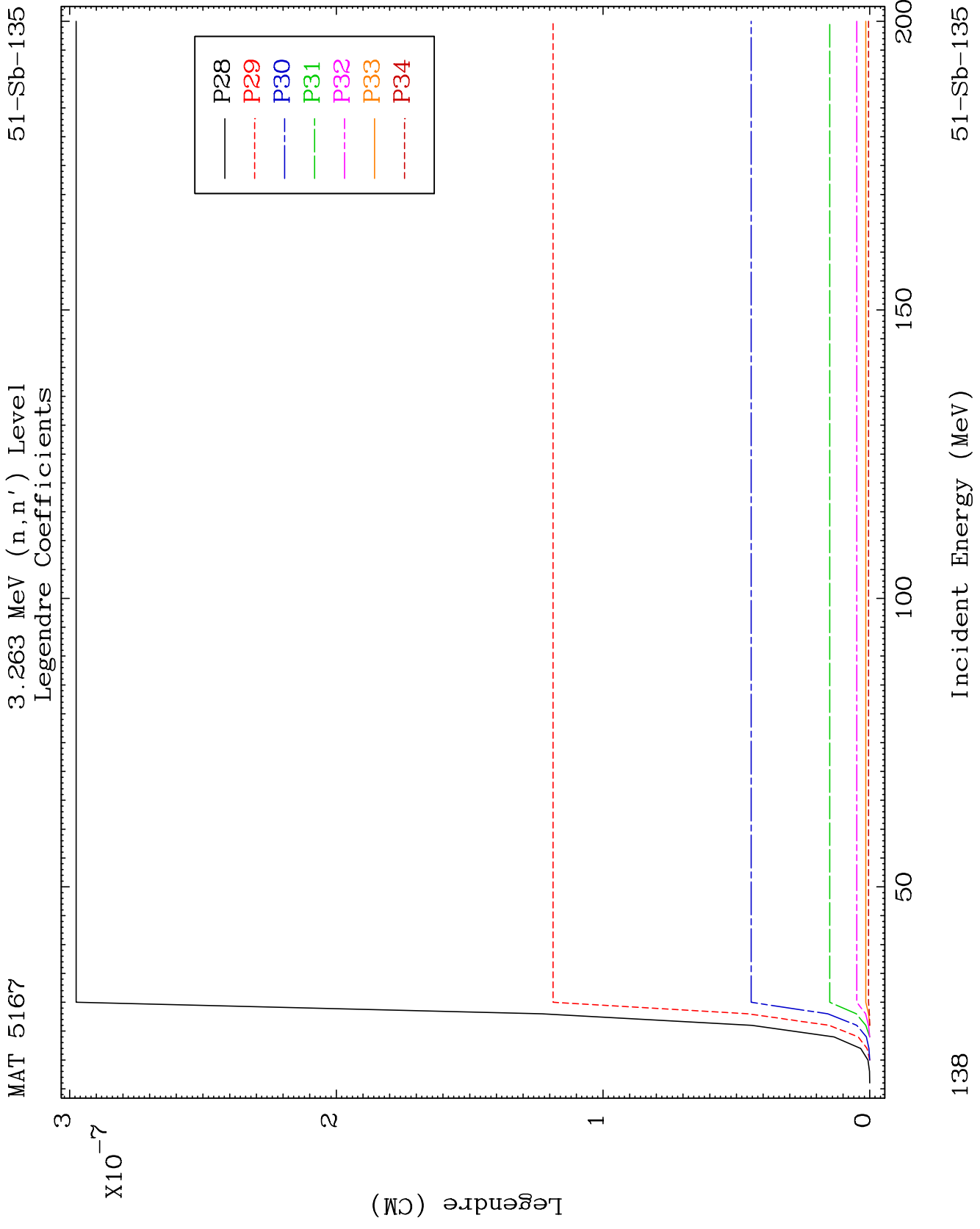








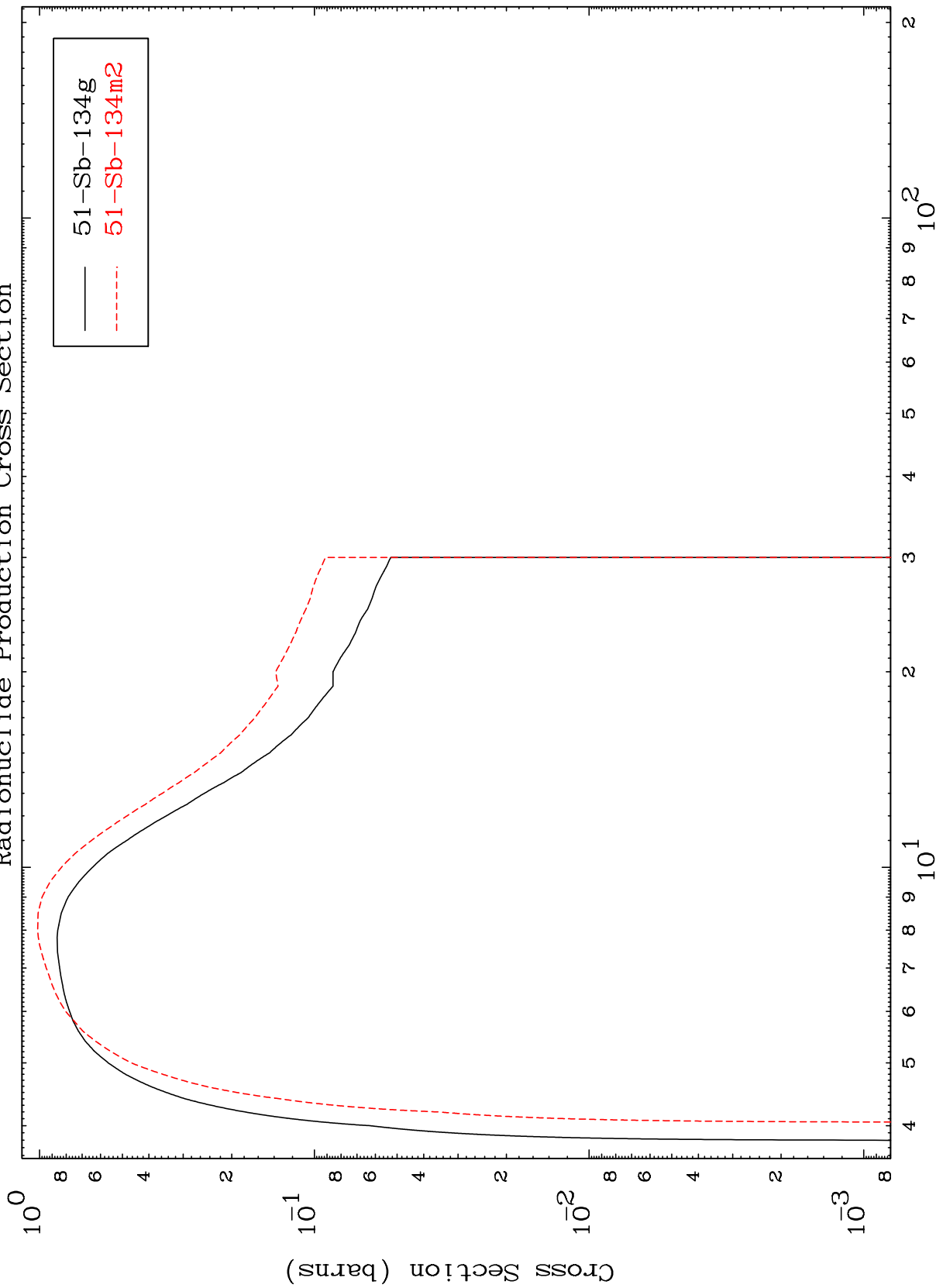




MAT 5167

51-Sb-135

(n,2n)
Radionuclide Production Cross Section



139

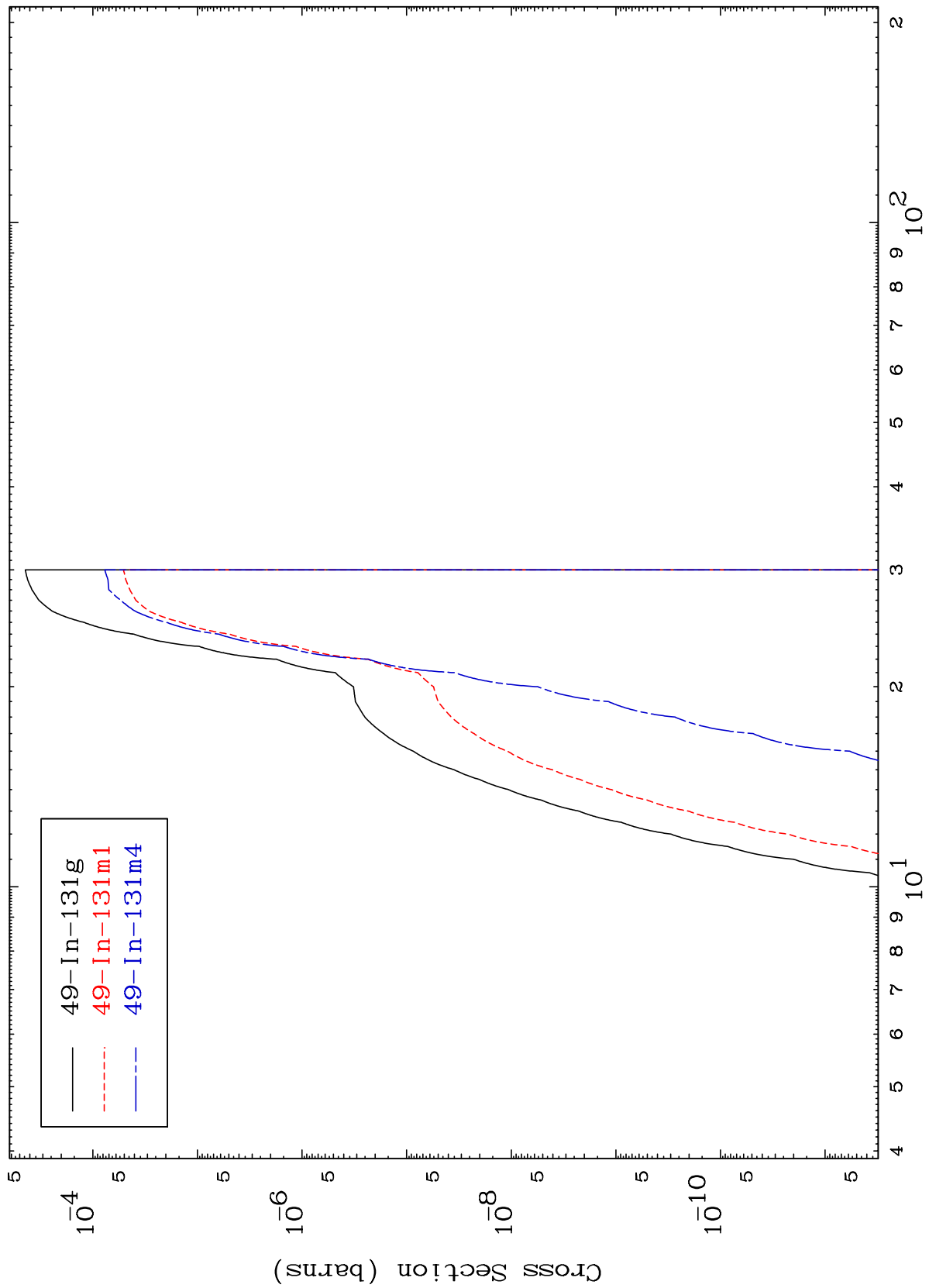
Incident Energy (MeV)

51-Sb-135

MAT 5167

51-Sb-135

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



Legend:
— 49-In-131g
- - 49-In-131m1
- - 49-In-131m4

51-Sb-135

Incident Energy (MeV)

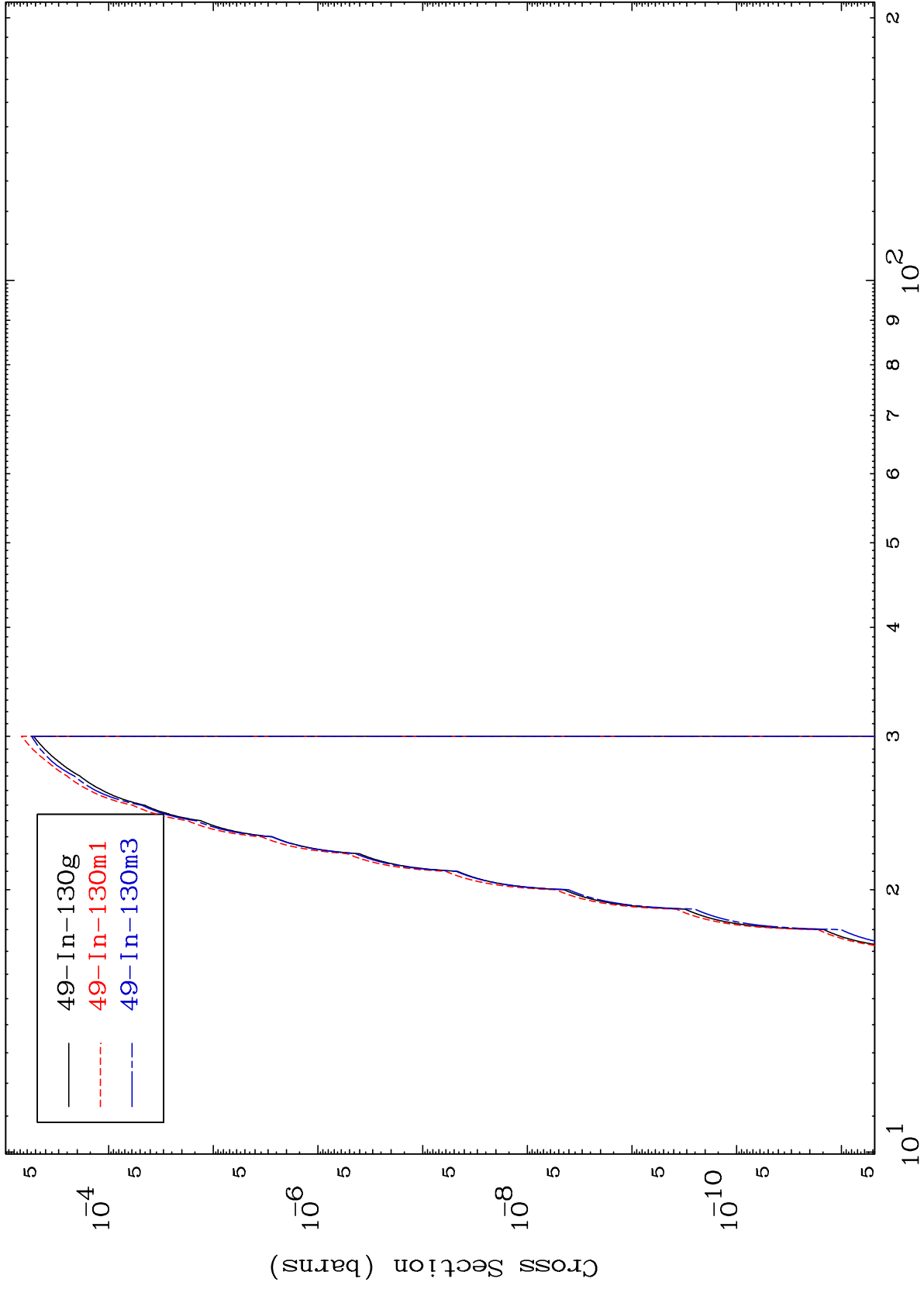
140

MAT 5167

(n,2n) α

51-Sb-135

Radionuclide Production Cross Section

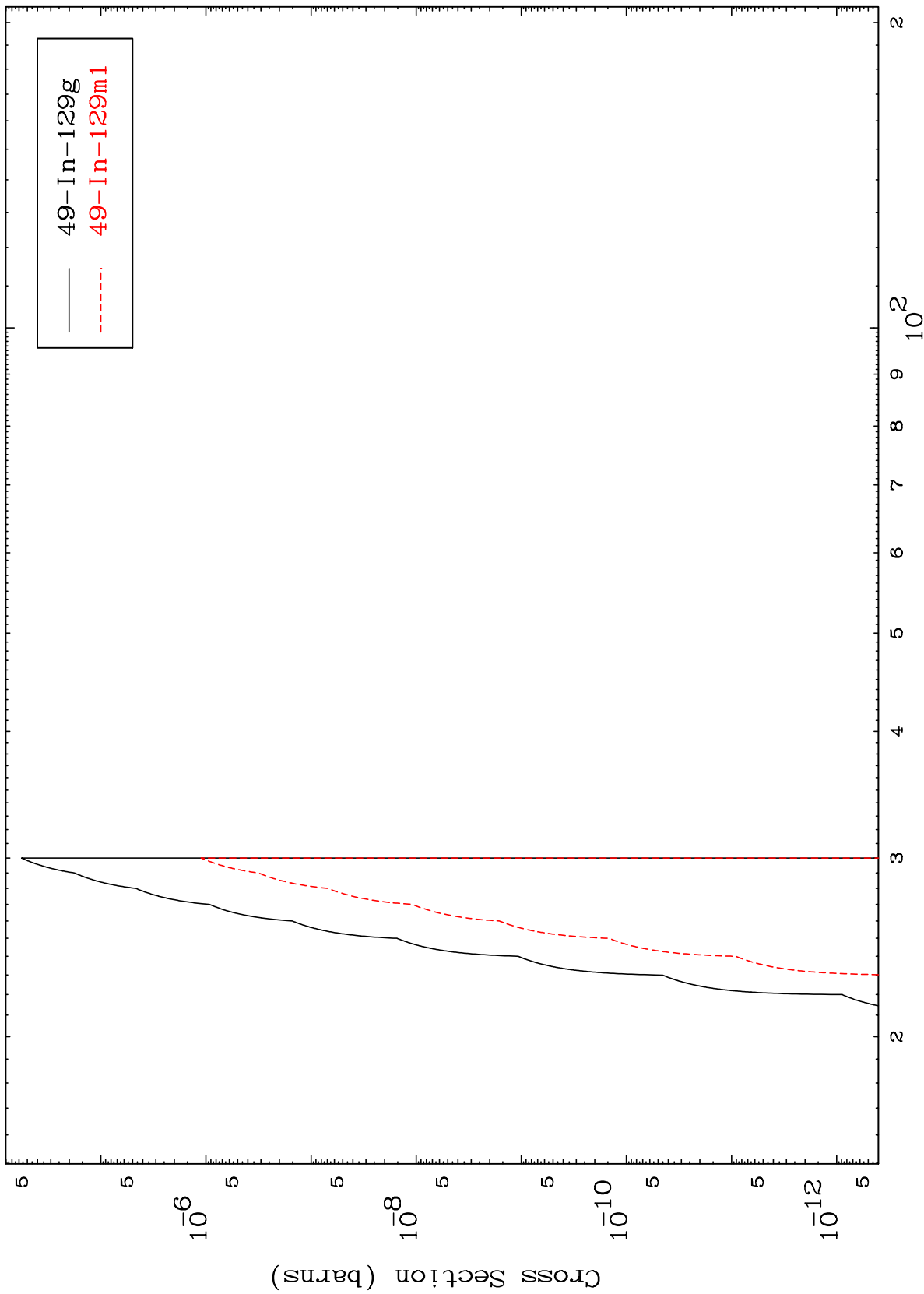


141

Incident Energy (MeV)

51-Sb-135

Radionuclide Production Cross Section

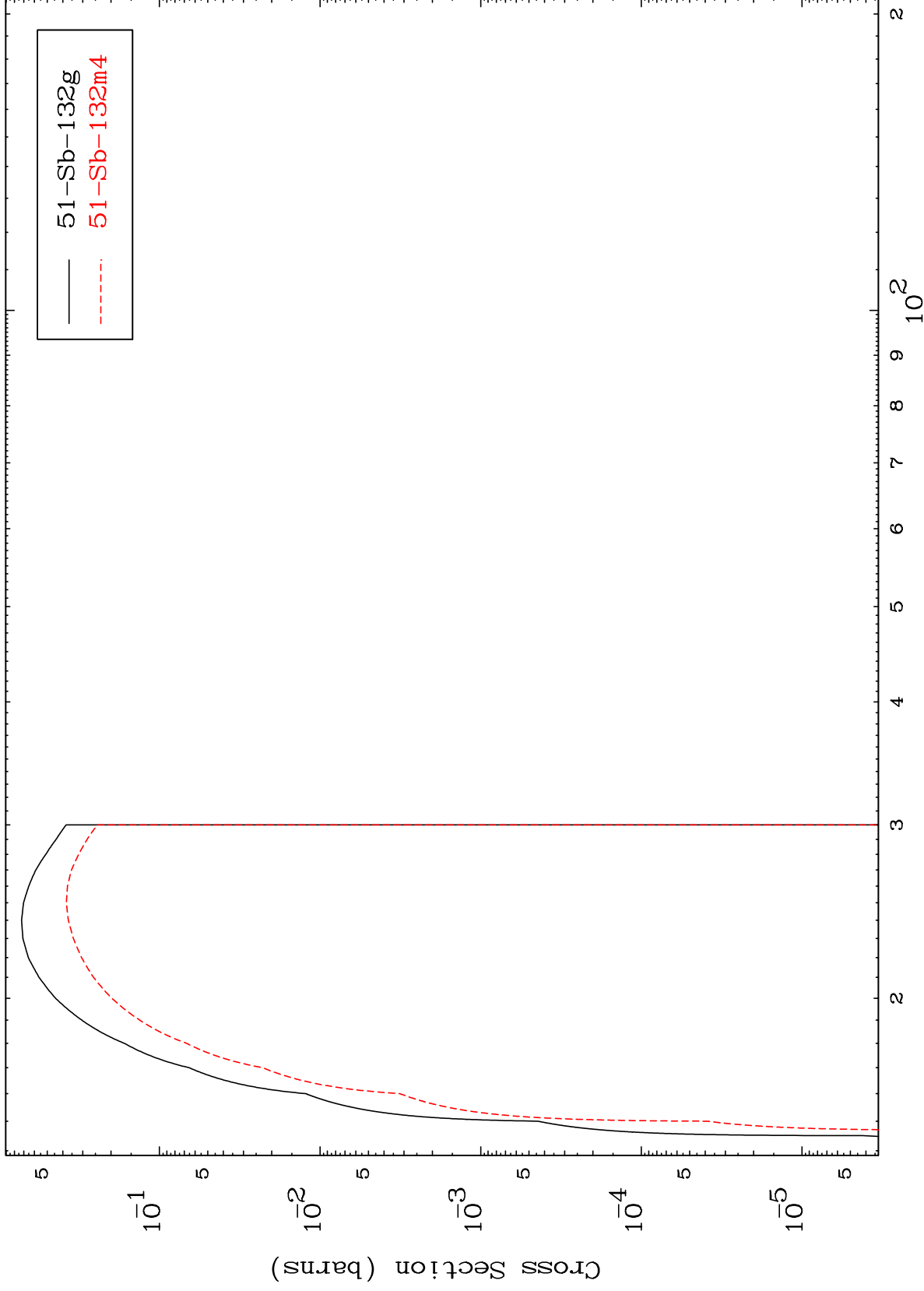


MAT 5167

(n,4n)

51-Sb-135

Radionuclide Production Cross Section



143

Incident Energy (MeV)

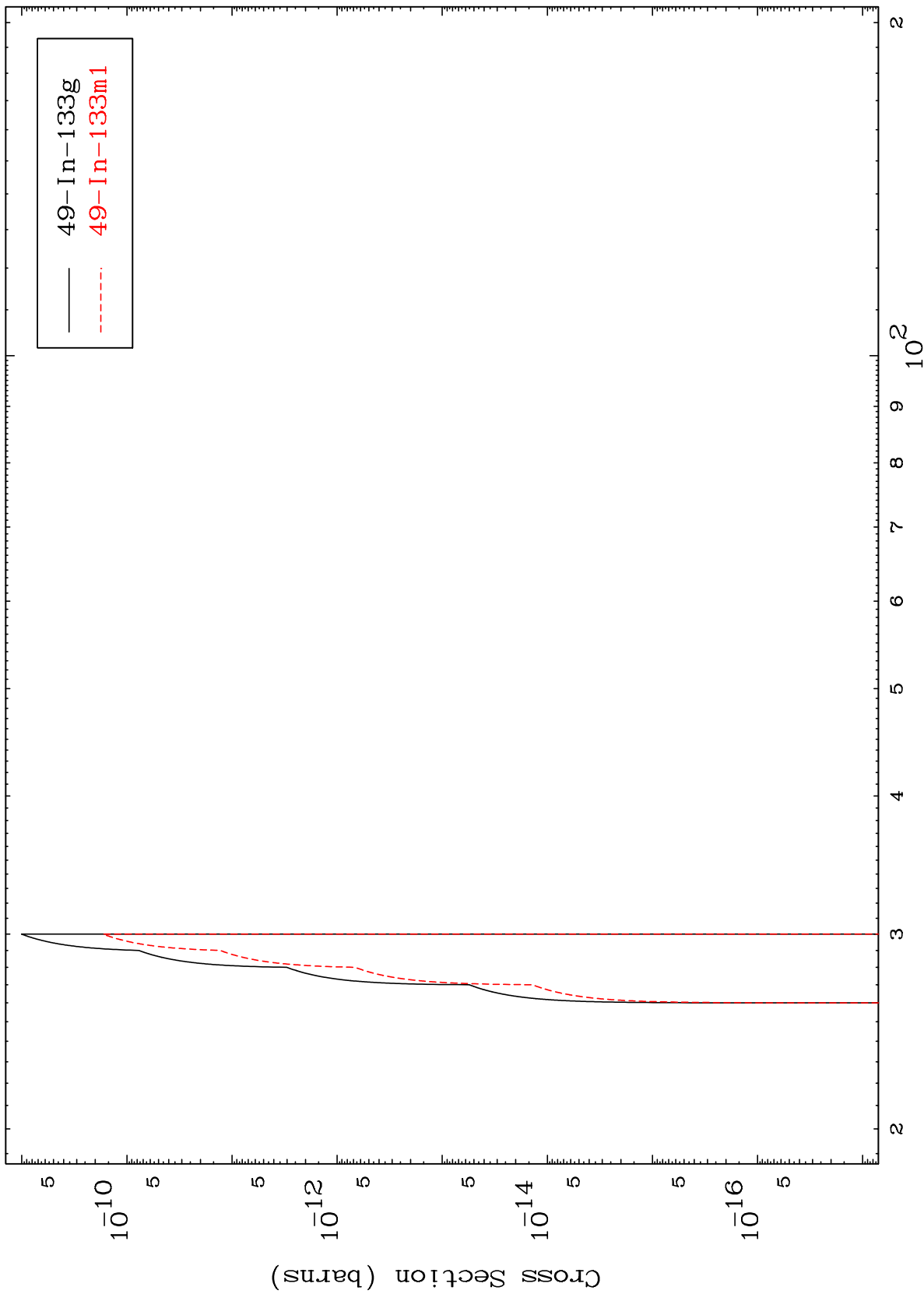
51-Sb-135

MAT 5167

(n,He-3)

51-Sb-135

Radionuclide Production Cross Section



144

Incident Energy (MeV)

51-Sb-135