

Program EVALPLOT
(Version 2015-2)

by

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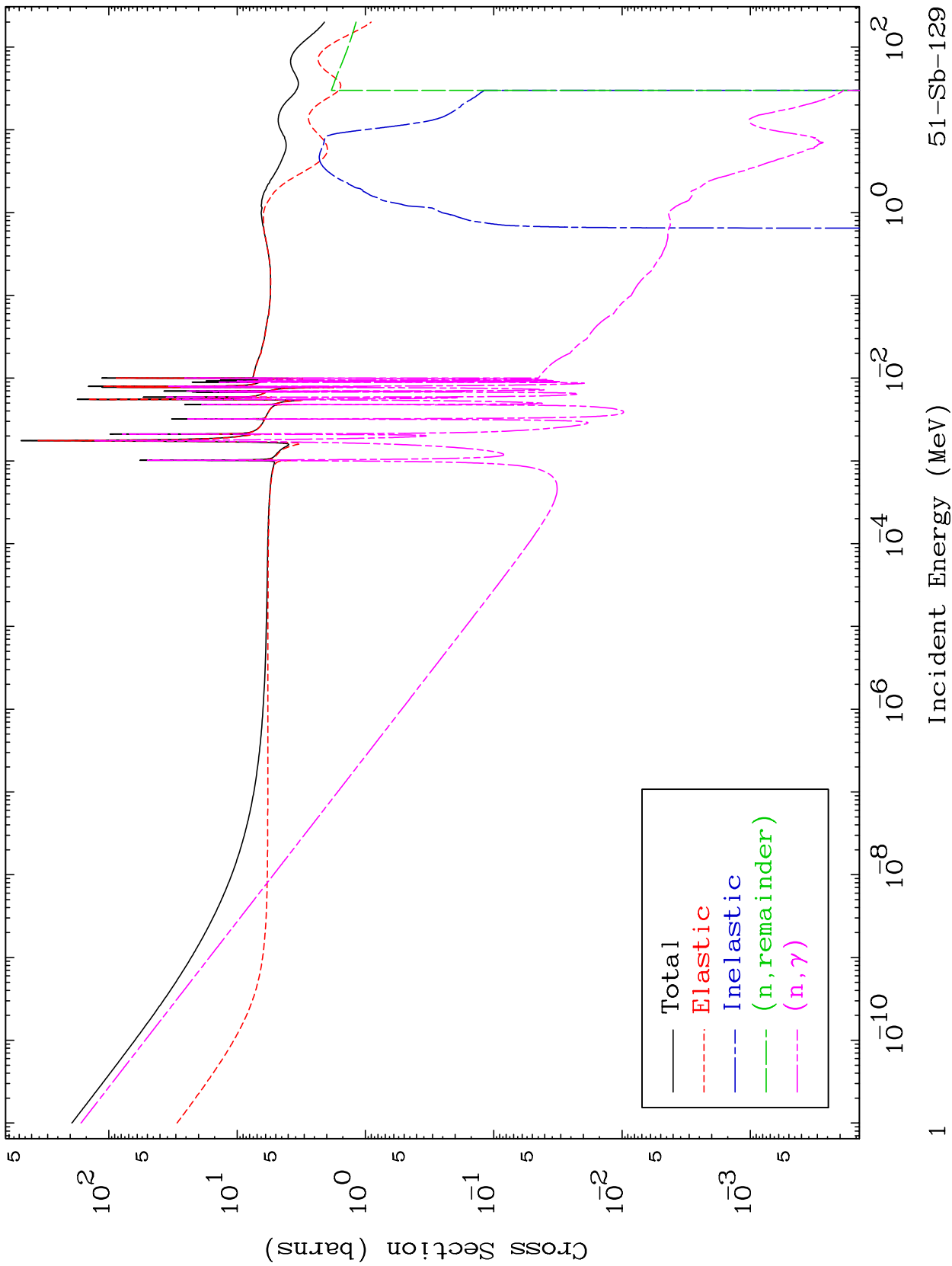
Press Mouse Button to Start

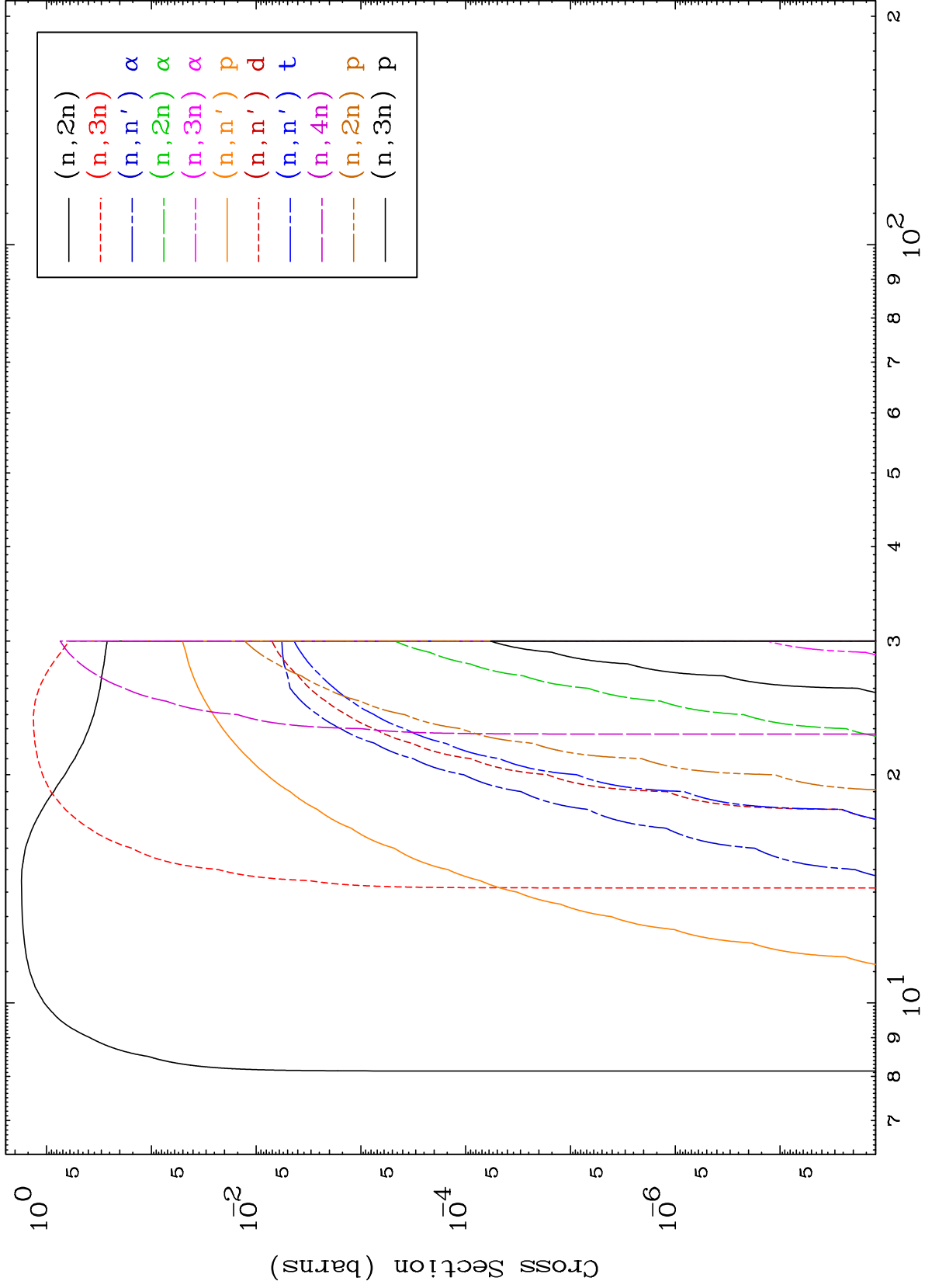
MAT 5149

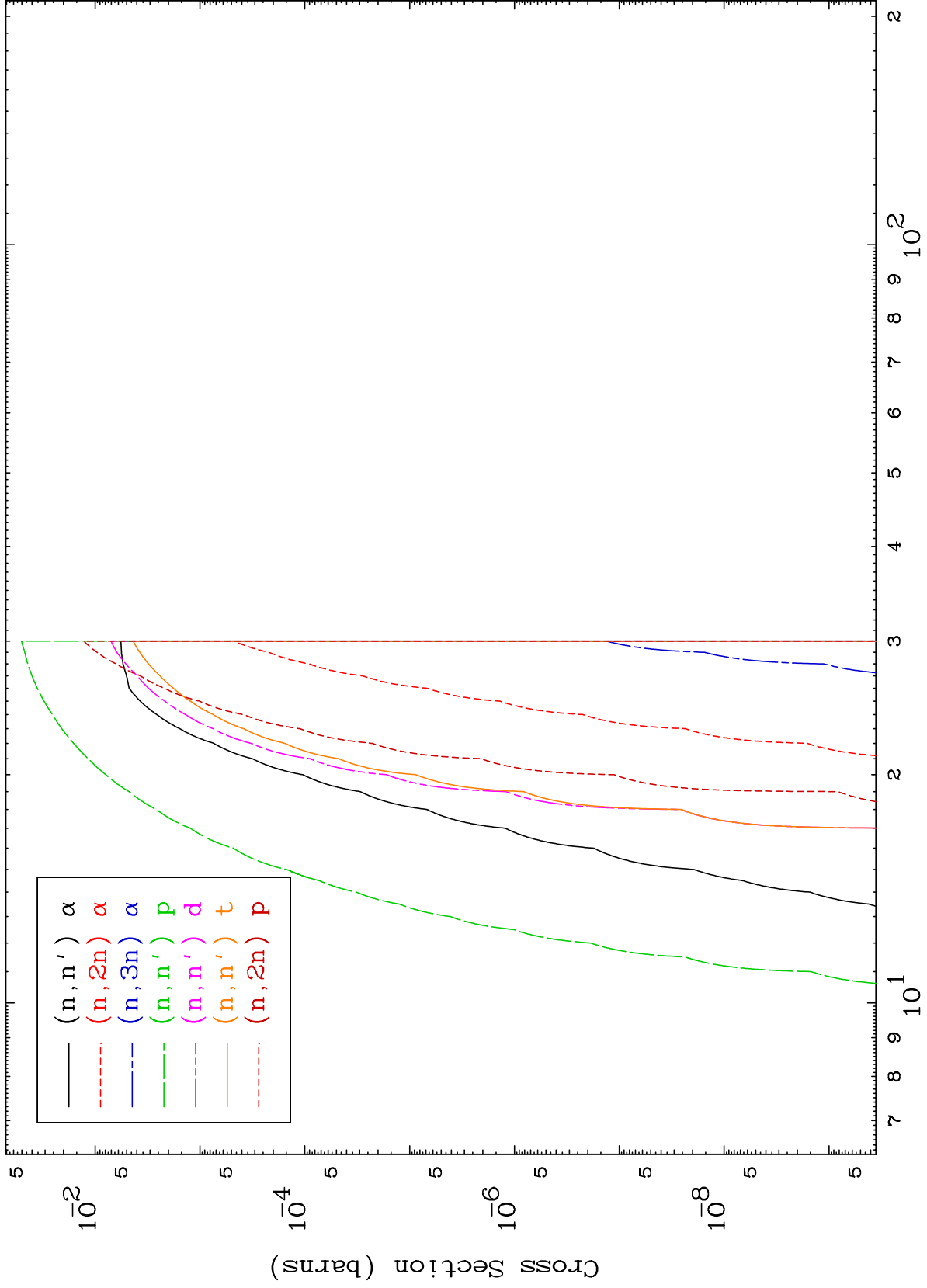
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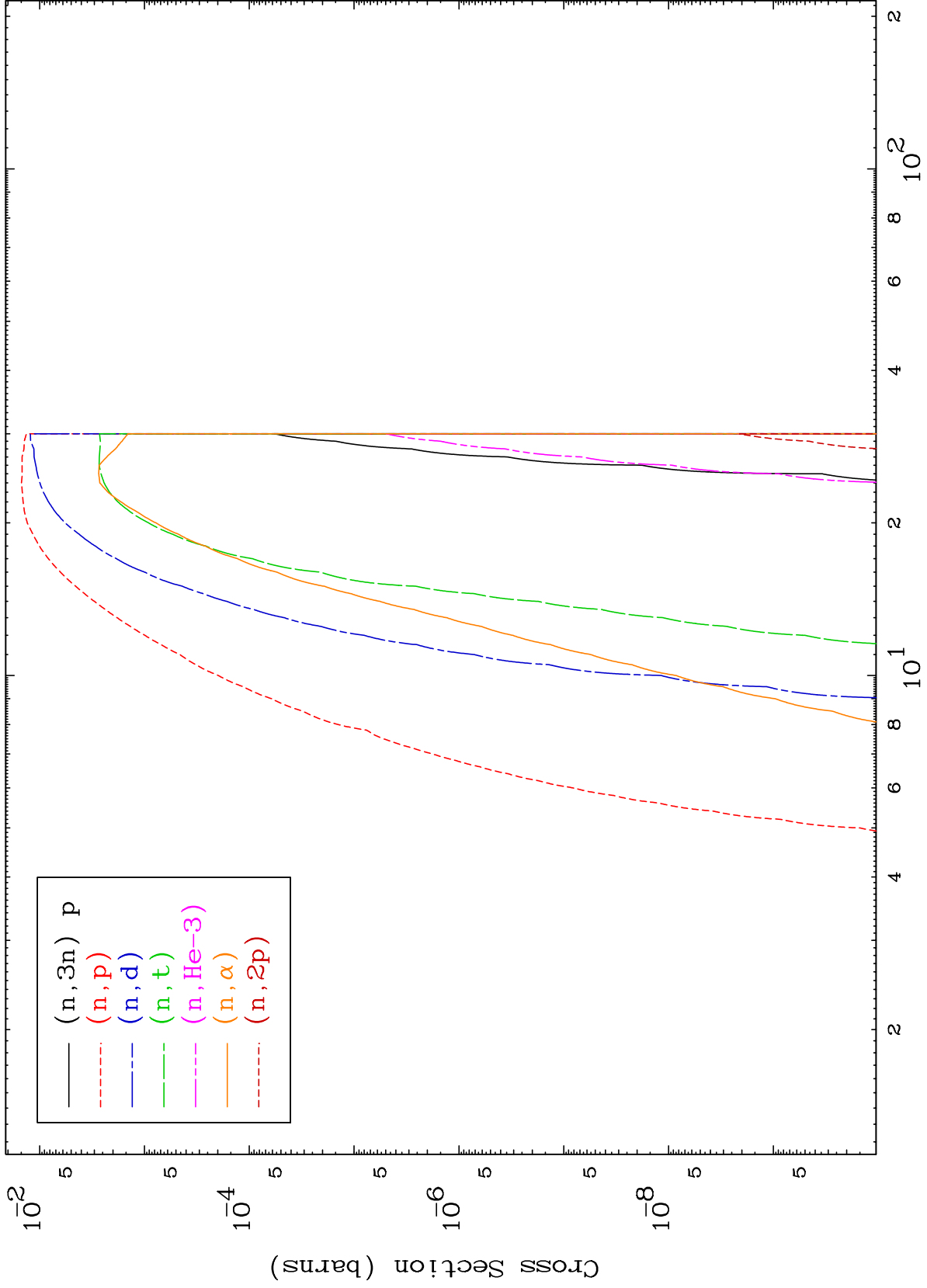
293 Kelvin Cross Sections

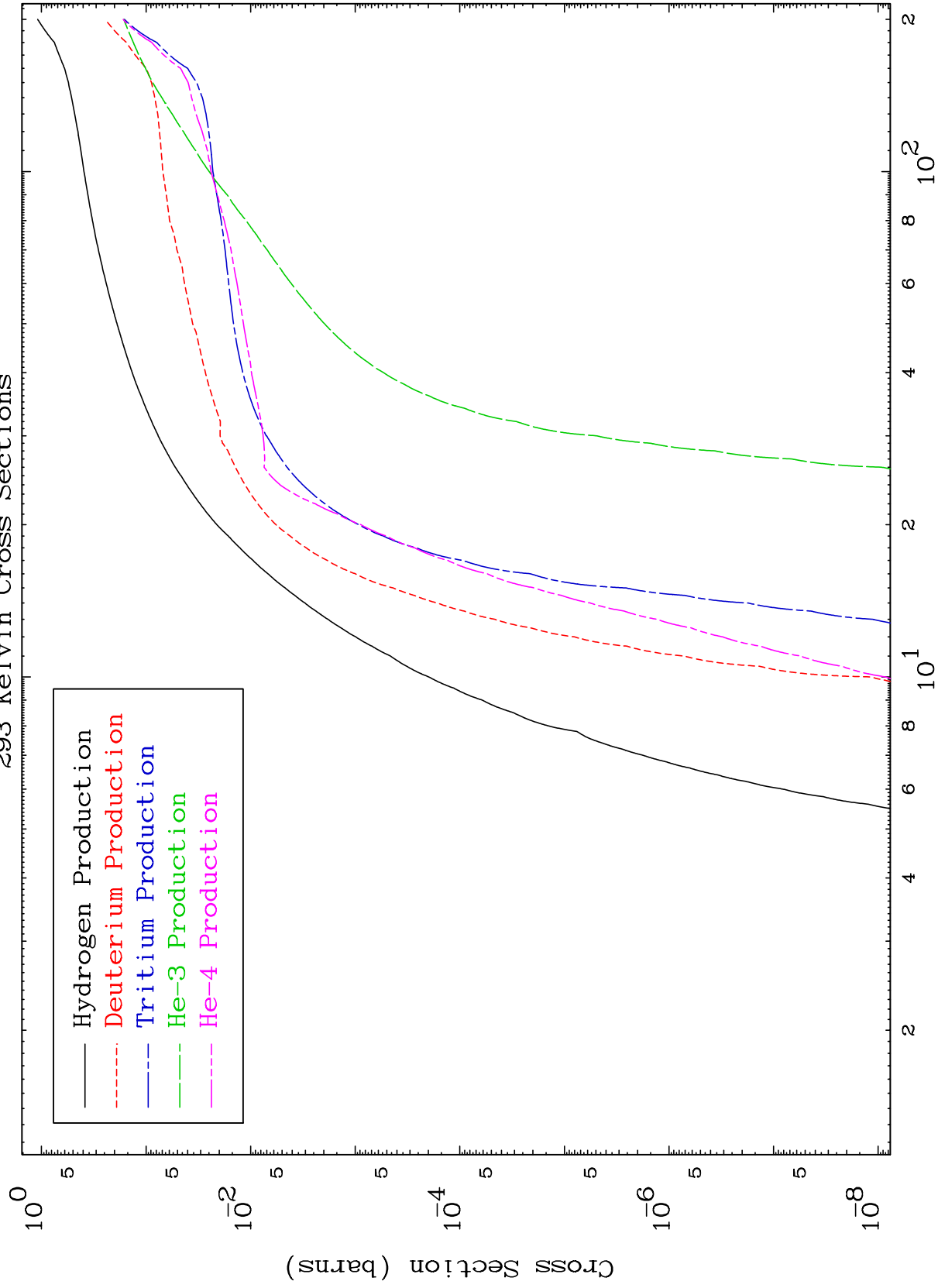
51-Sb-129

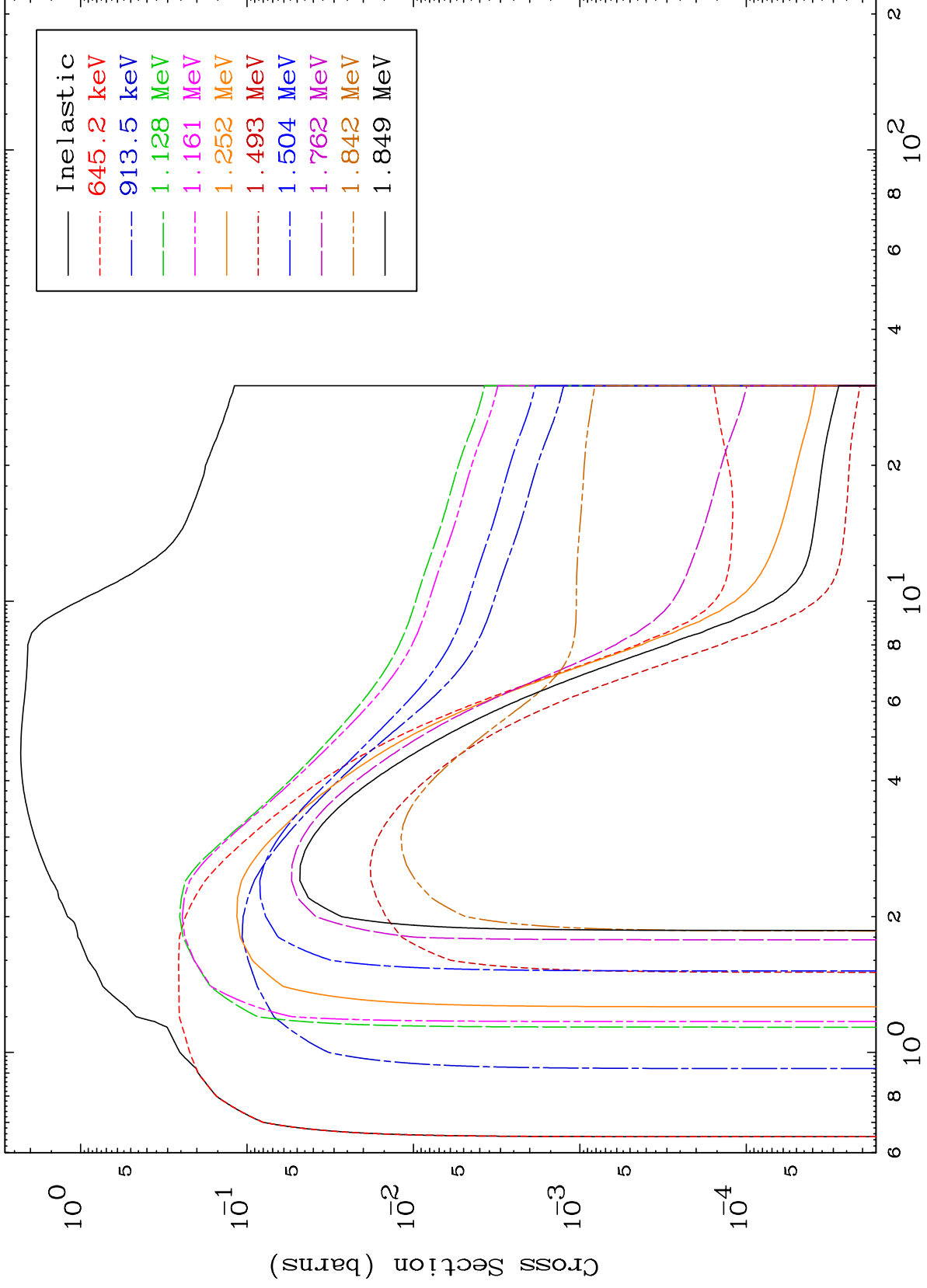








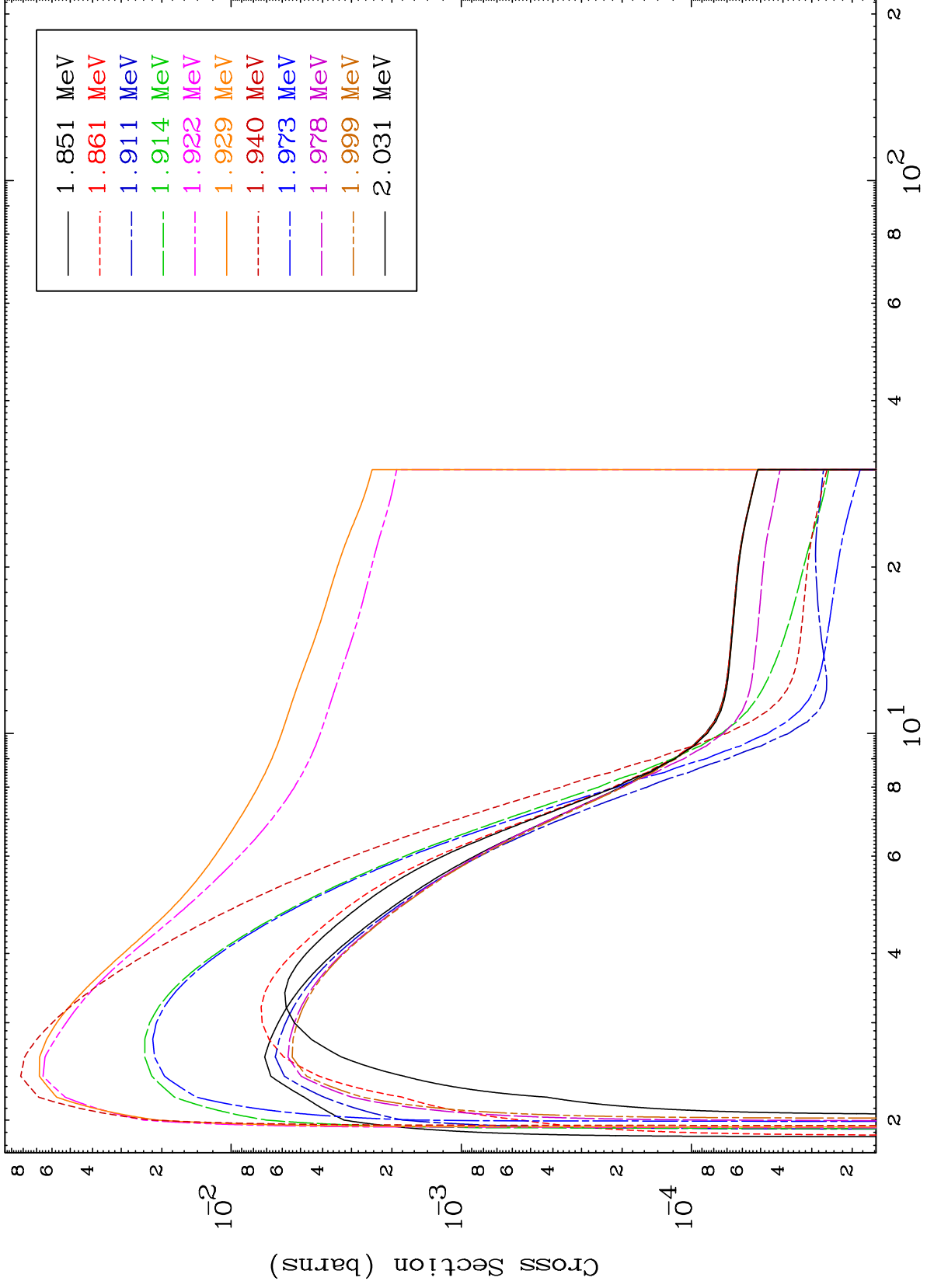




MAT 5149

(n,n') Level
293 Kelvin Cross Sections

51-Sb-129



7

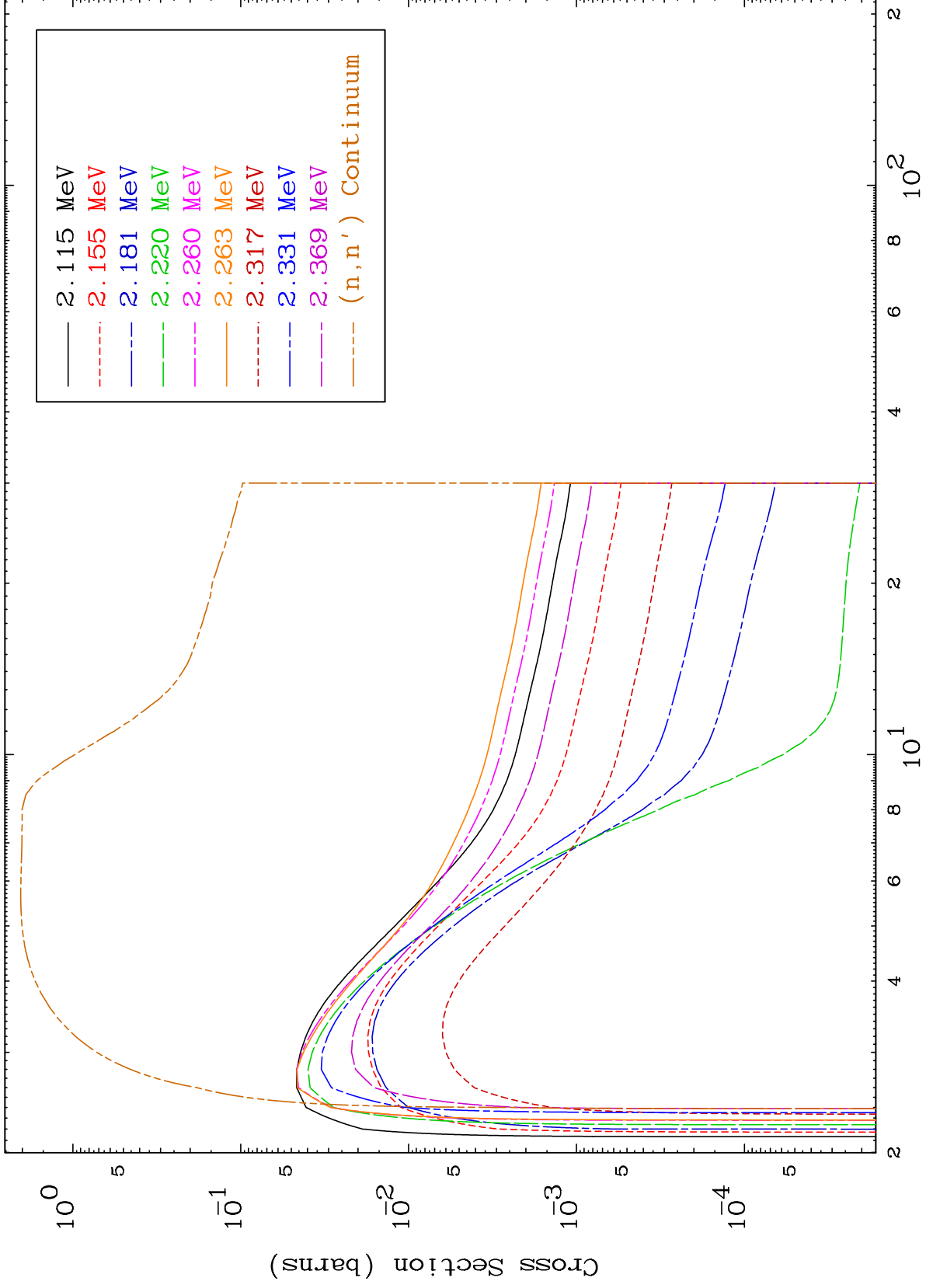
Incident Energy (MeV)

51-Sb-129

MAT 5149

(n,n') Level
293 Kelvin Cross Sections

51-Sb-129



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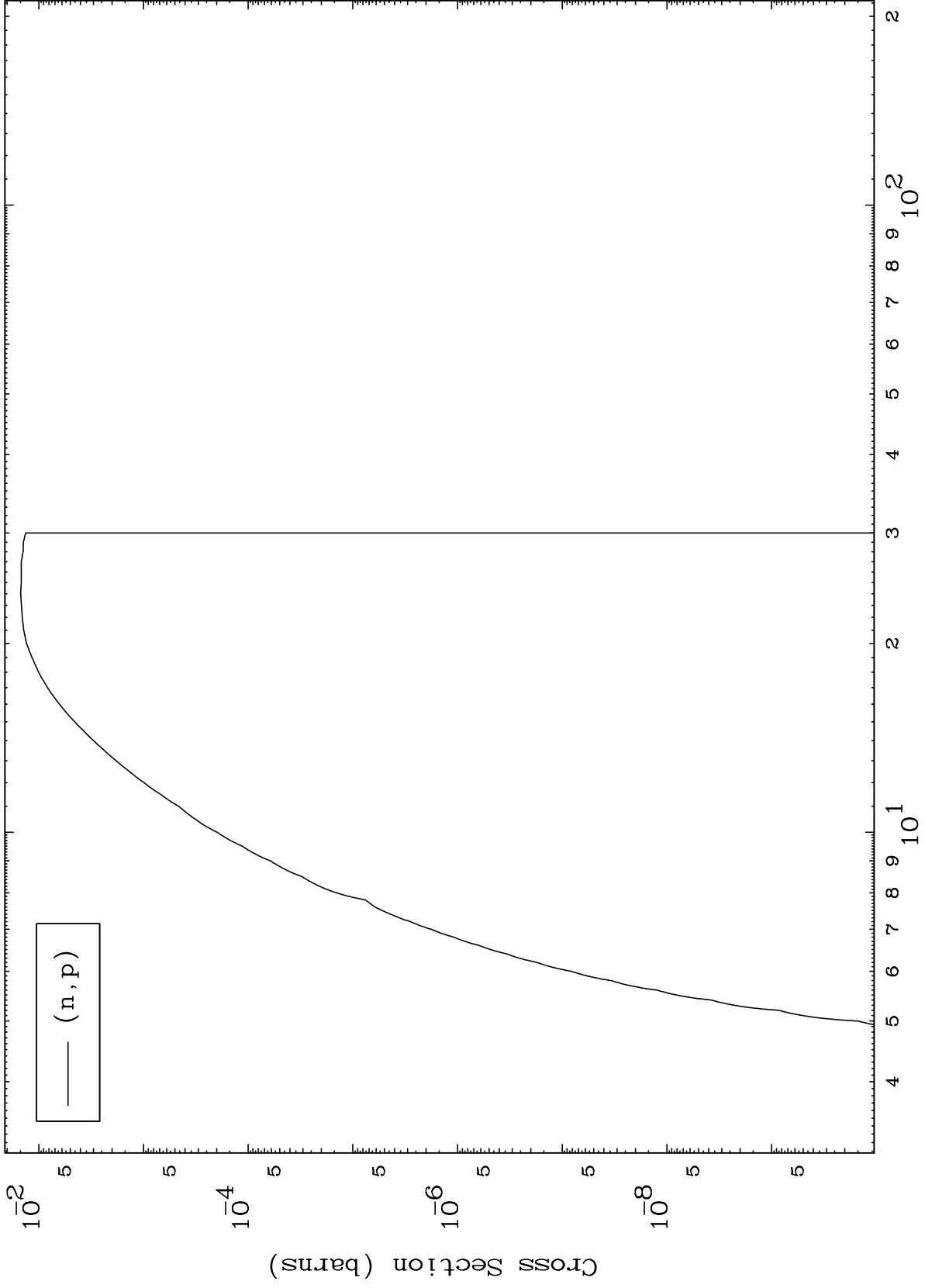
Incident Energy (MeV)

51-Sb-129

MAT 5149

(n,p) Levels
293 Kelvin Cross Sections

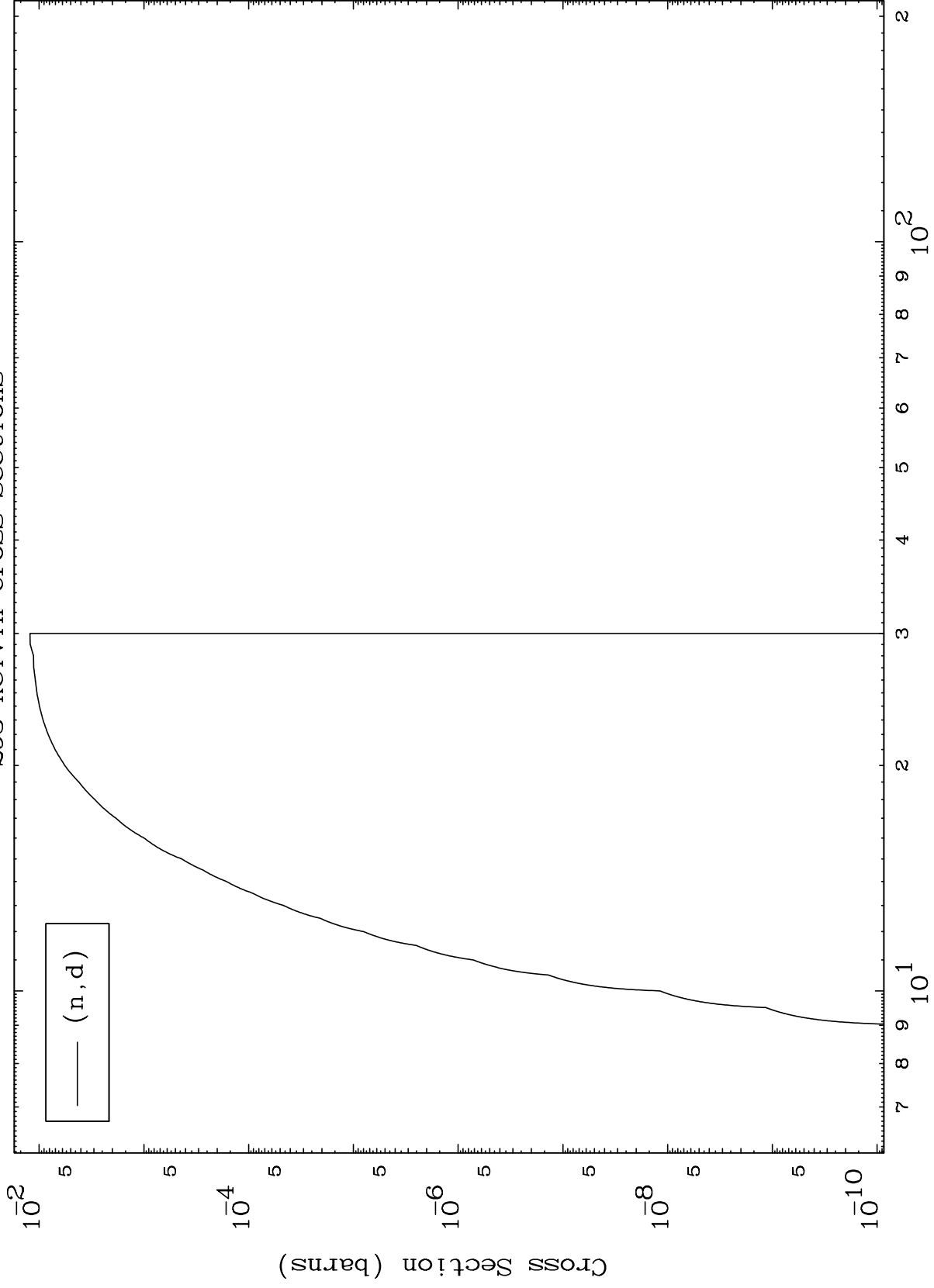
51-Sb-129



MAT 5149

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-129



10

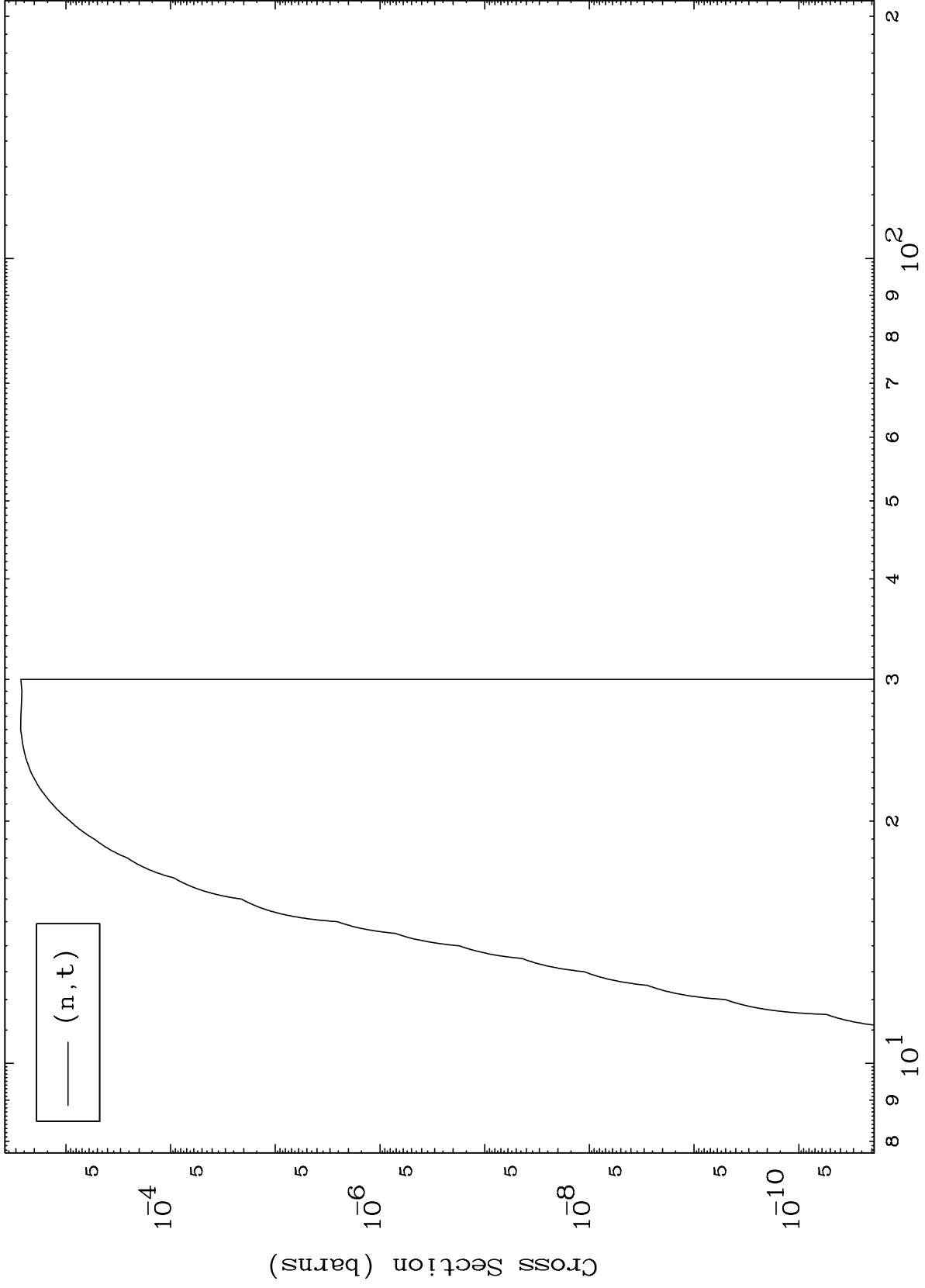
Incident Energy (MeV)

51-Sb-129

MAT 5149

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-129



11

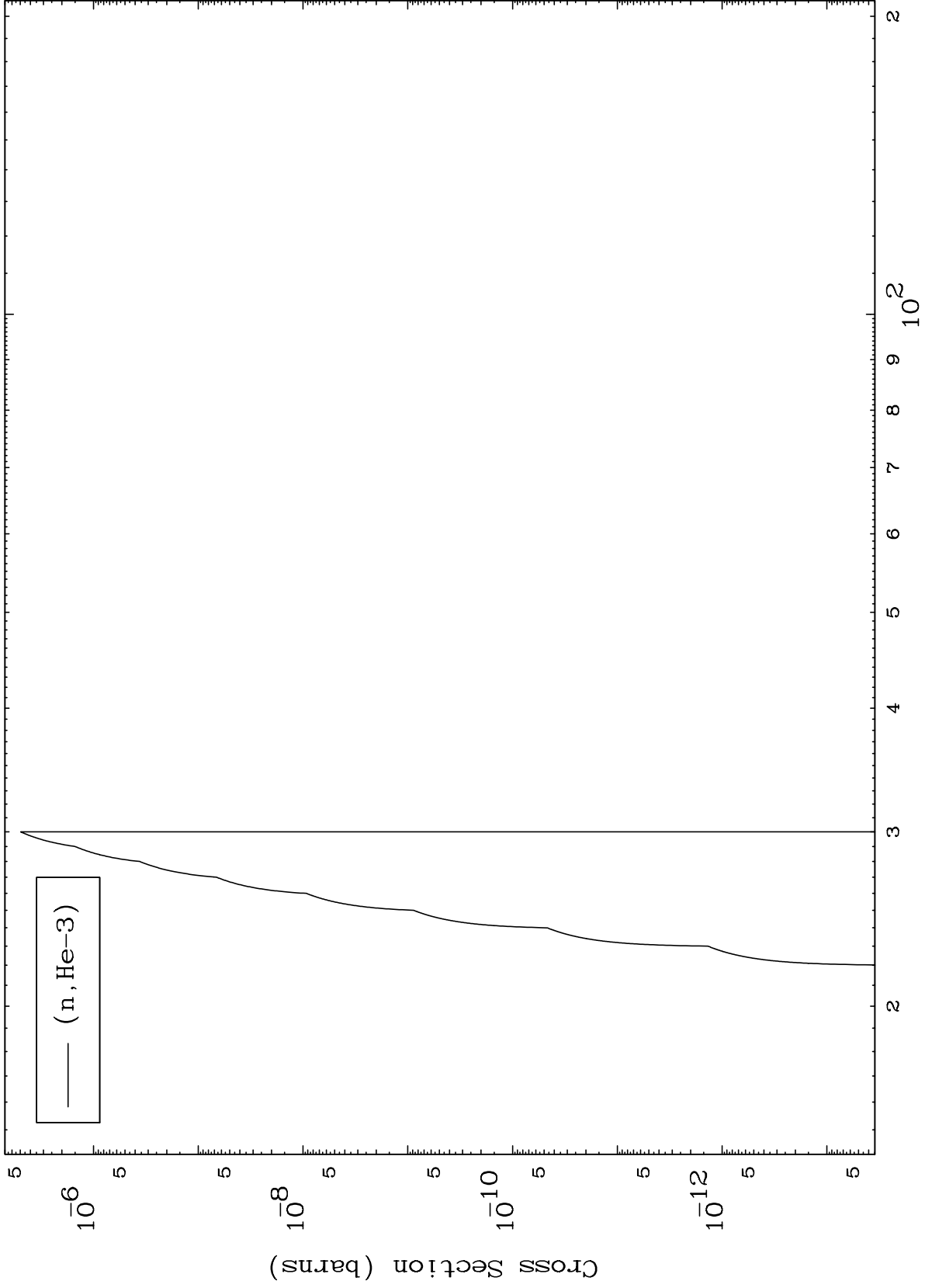
Incident Energy (MeV)

51-Sb-129

MAT 5149

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-129



12

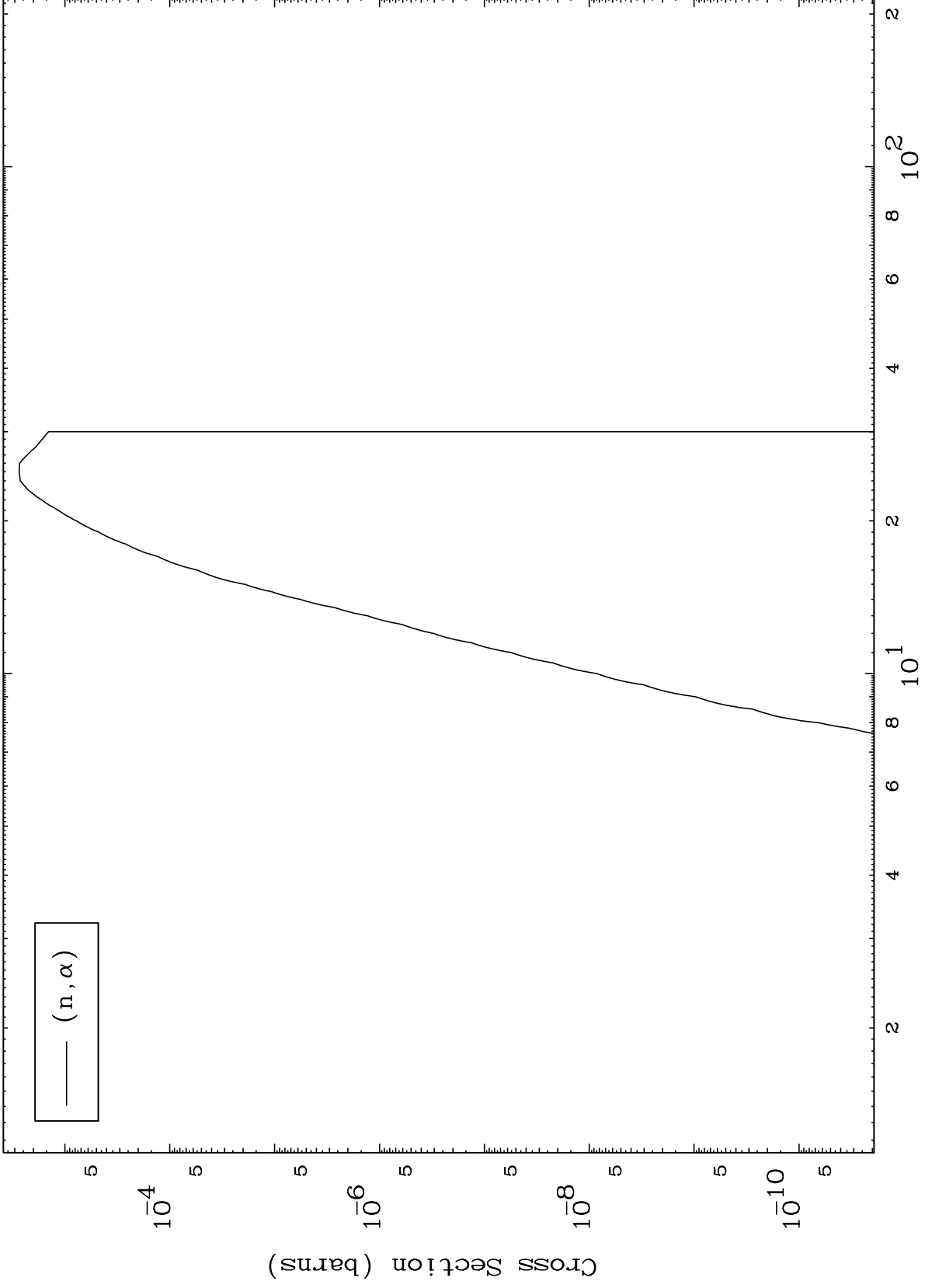
Incident Energy (MeV)

51-Sb-129

MAT 5149

(n, α) Levels
293 Kelvin Cross Sections

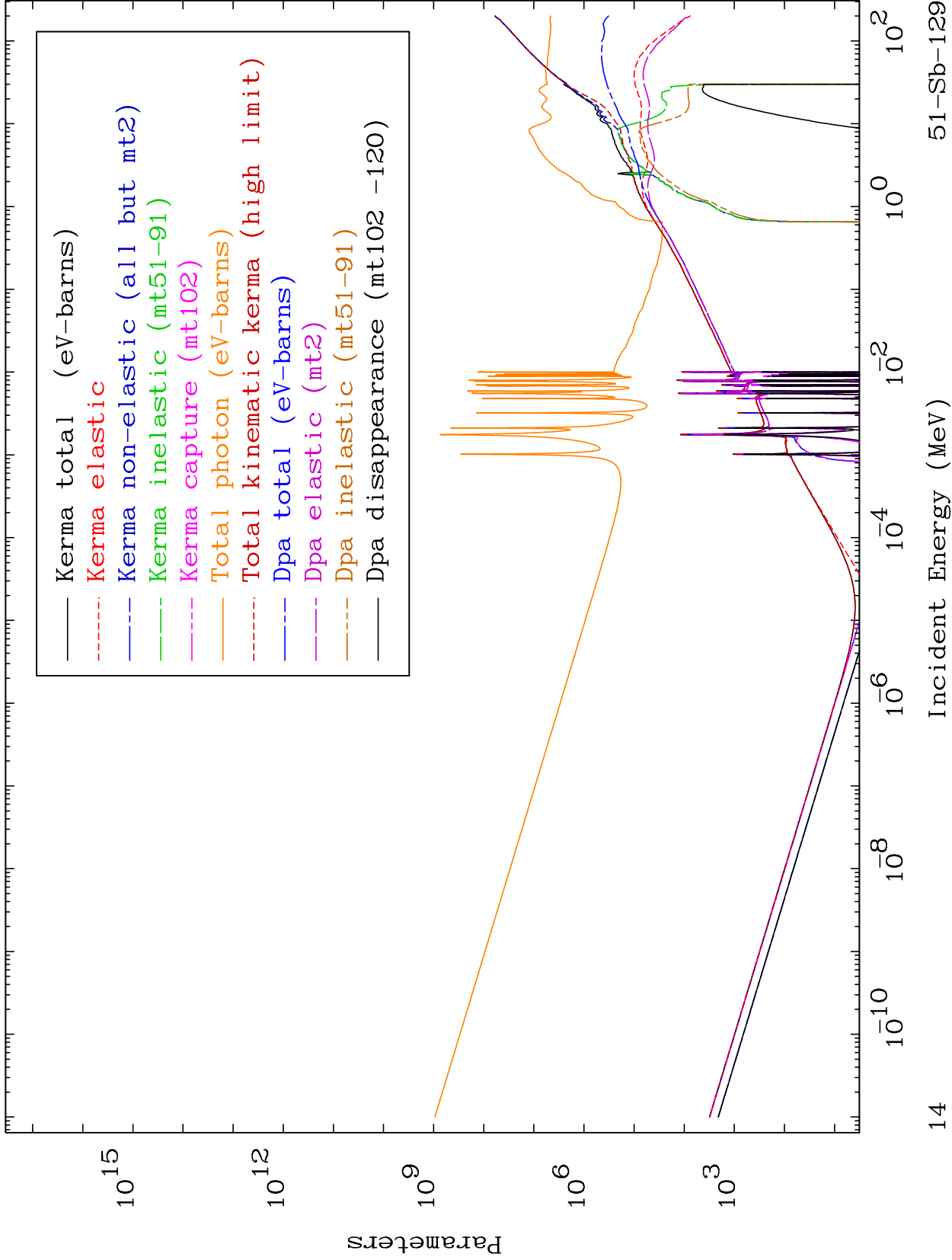
51-Sb-129



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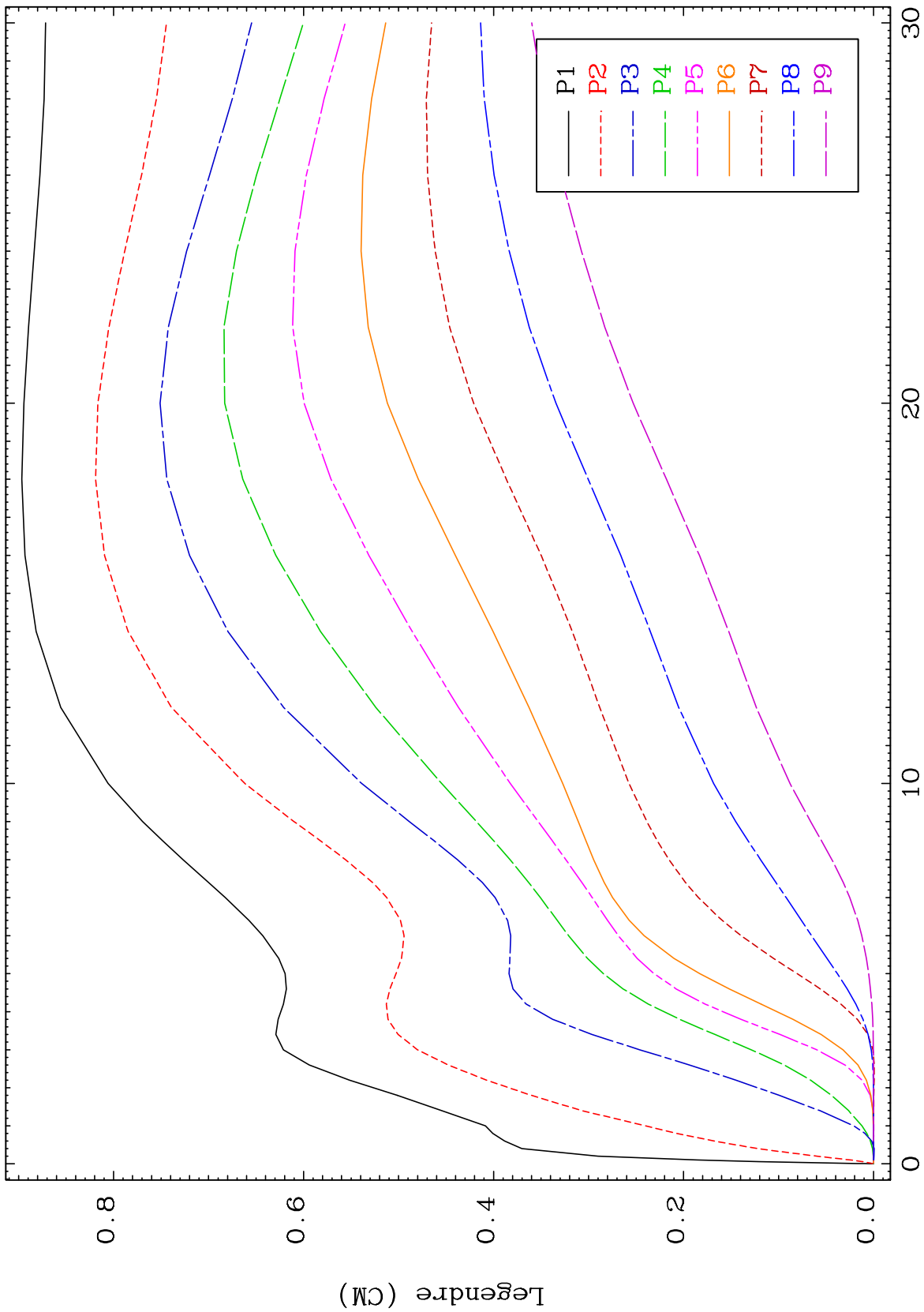
51-Sb-129



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51-Sb-129

Elastic Legendre Coefficients



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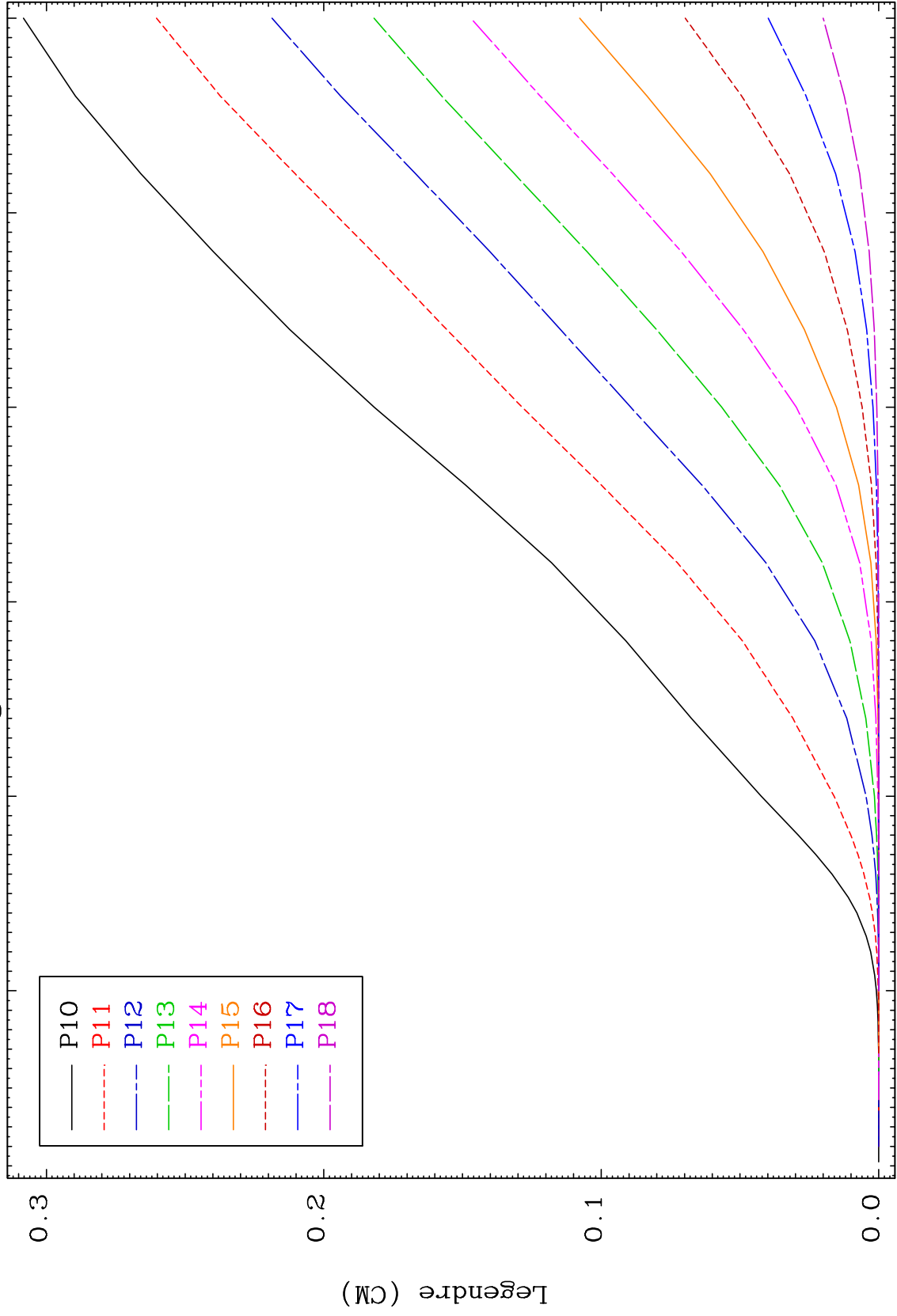
Incident Energy (MeV)

51-Sb-129

MAT 5149

Elastic
Legendre Coefficients

51-Sb-129



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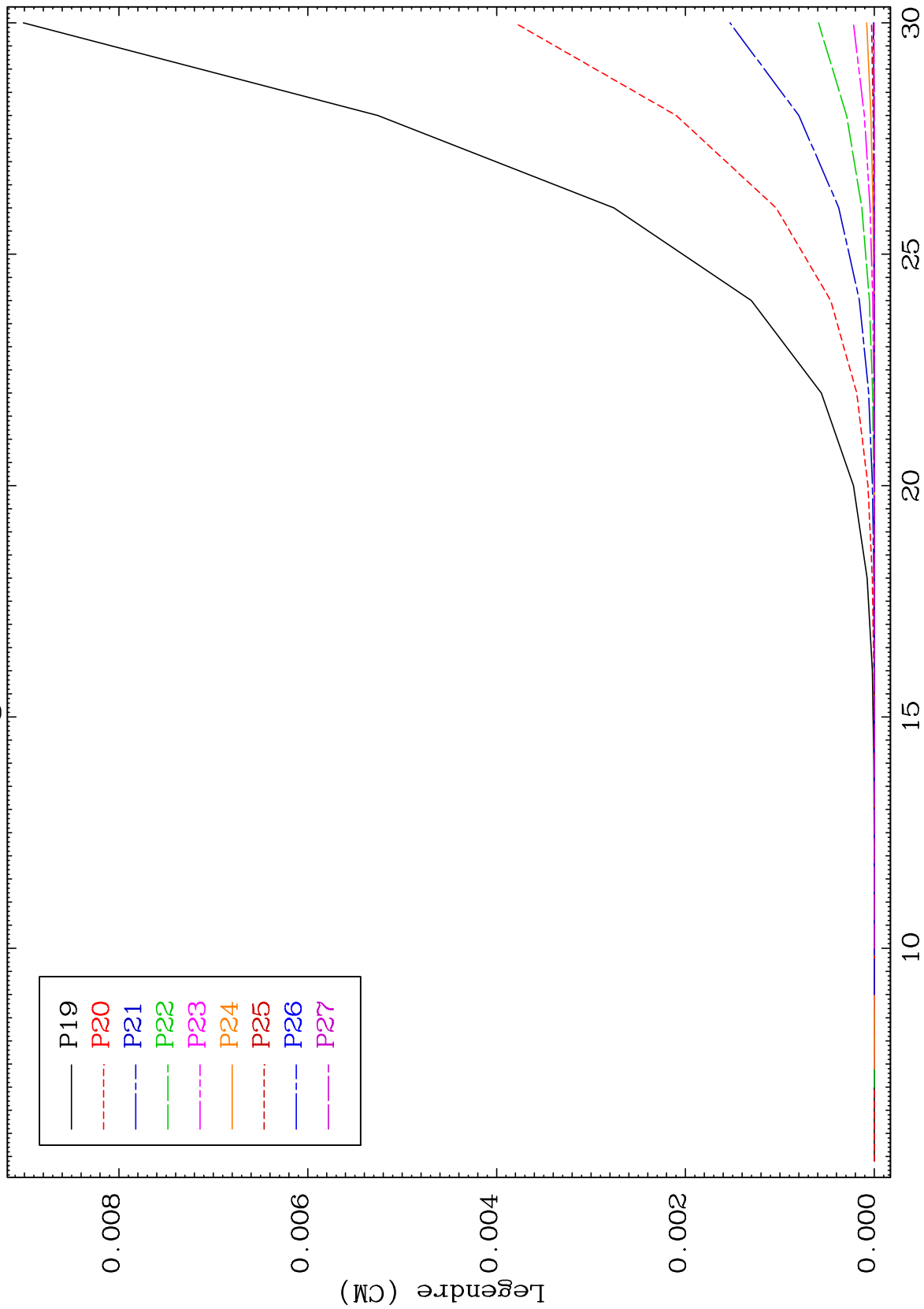
Incident Energy (MeV)

51-Sb-129

MAT 5149

Elastic Legendre Coefficients

51-Sb-129



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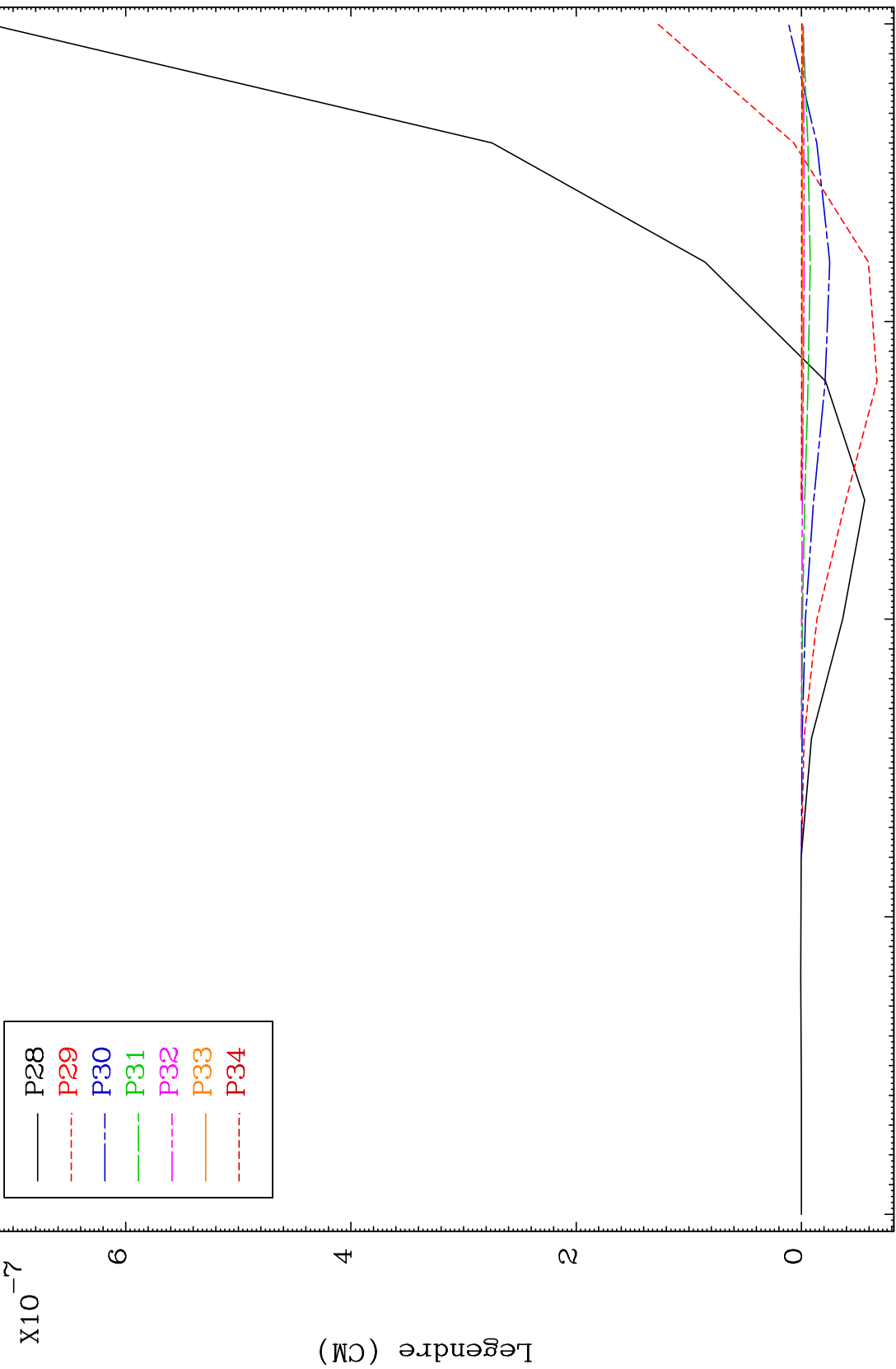
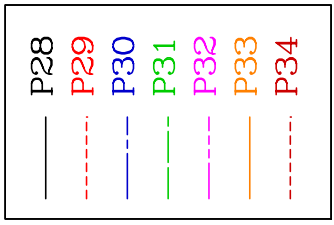
Incident Energy (MeV)

51-Sb-129

MAT 5149

Elastic Legendre Coefficients

51-Sb-129



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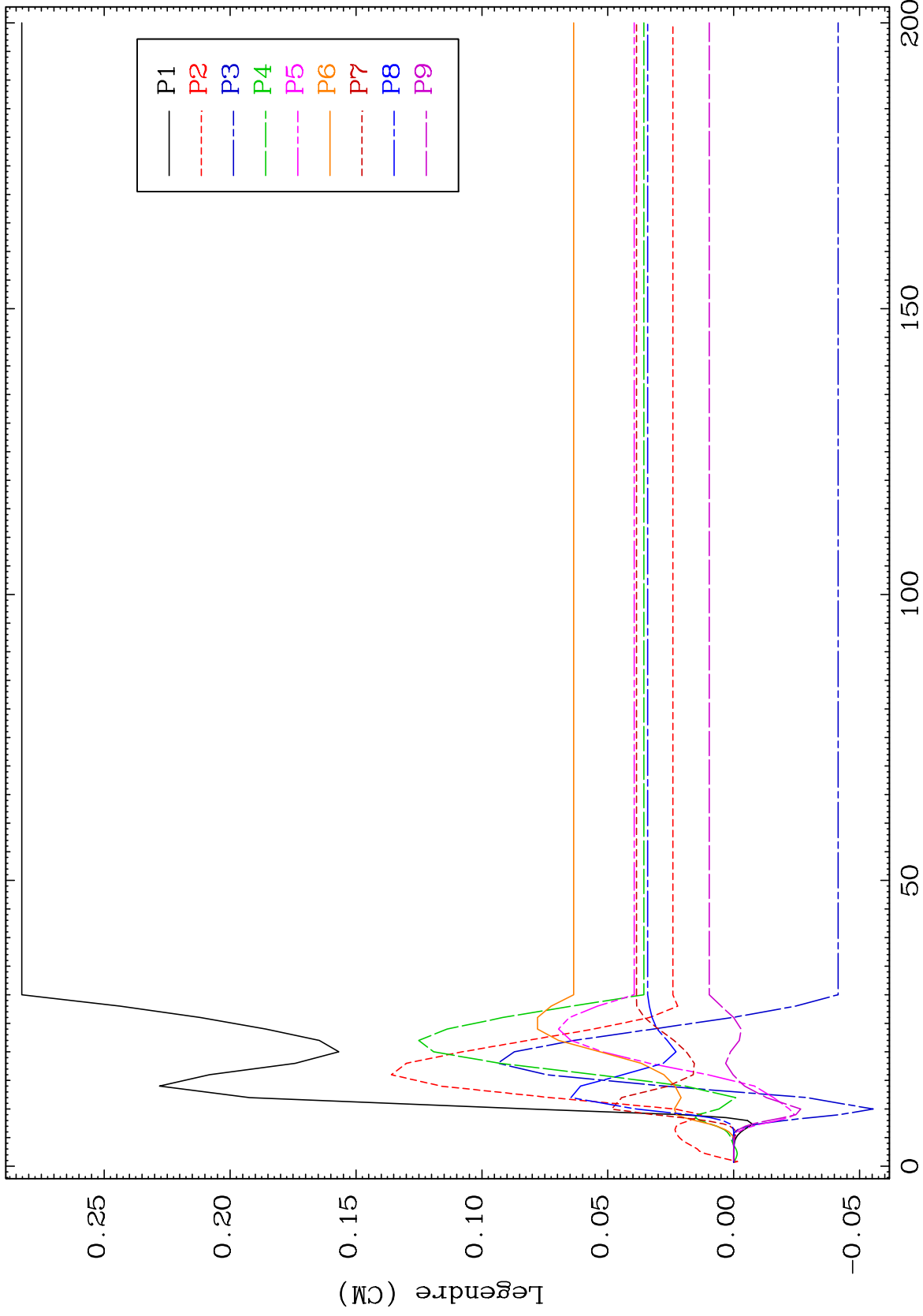
Incident Energy (MeV)

51-Sb-129

MAT 5149

645.2 keV (n,n') Level
Legendre Coefficients

51-Sb-129



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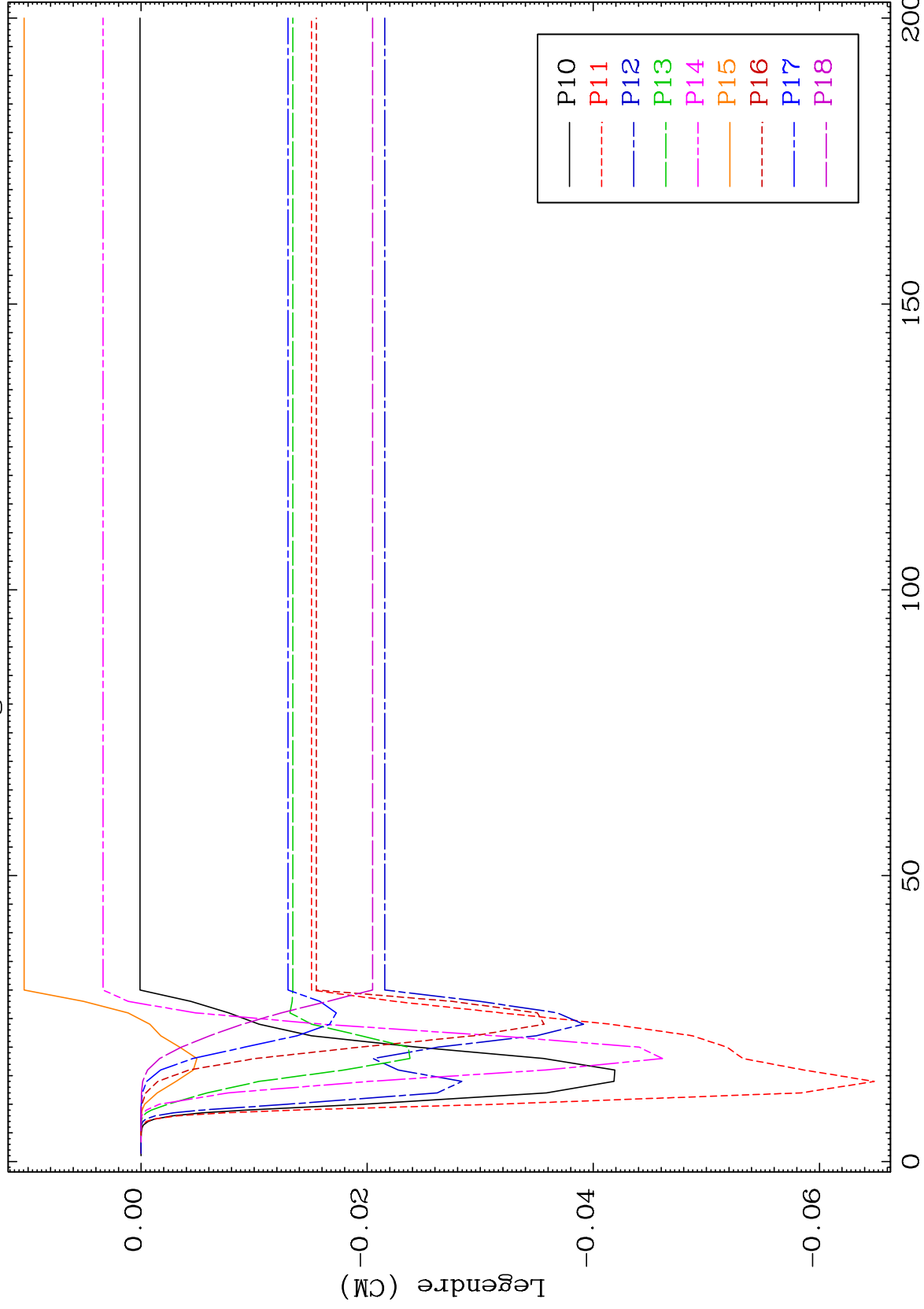
Incident Energy (MeV)

51-Sb-129

MAT 5149

645.2 keV (n,n') Level
Legendre Coefficients

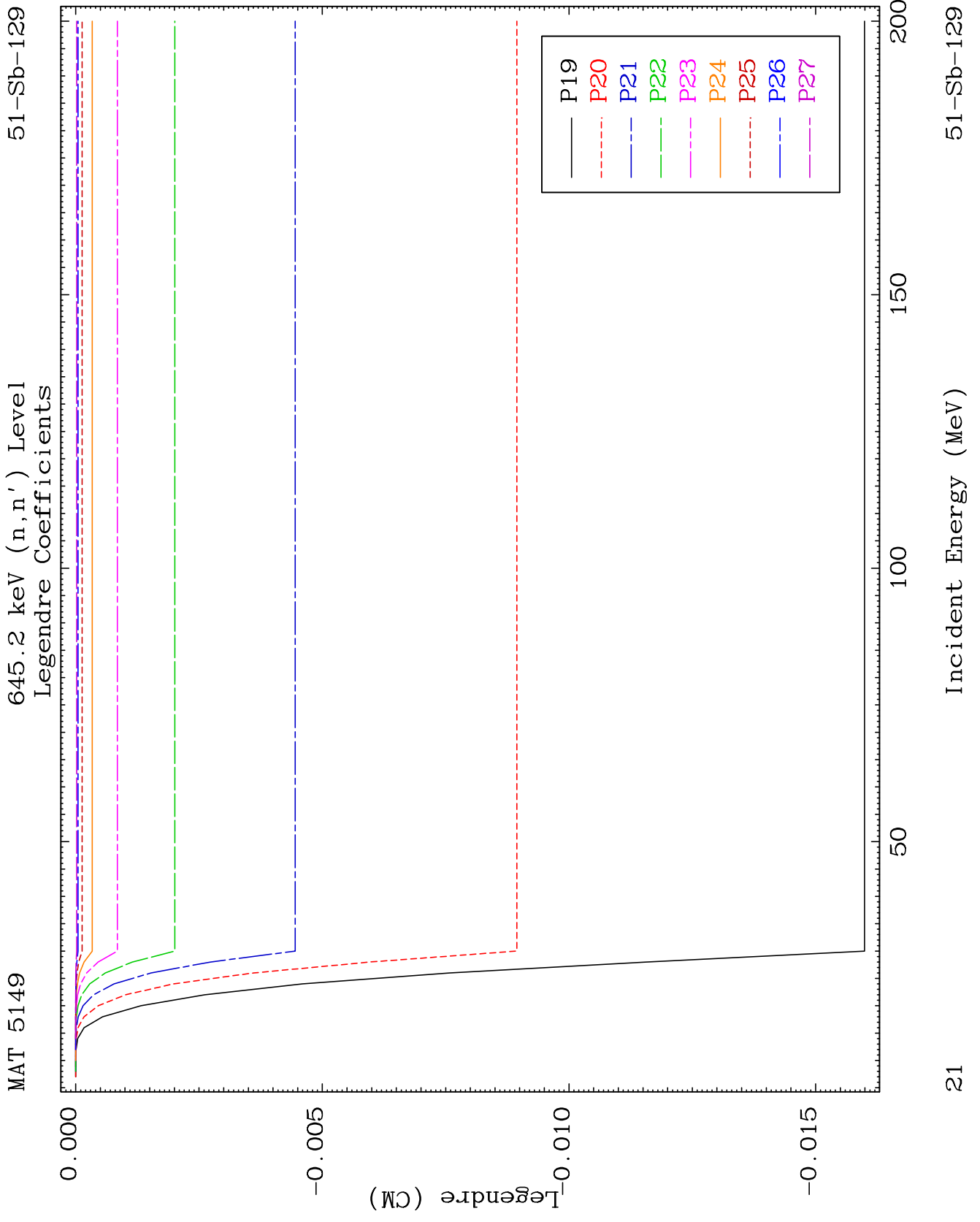
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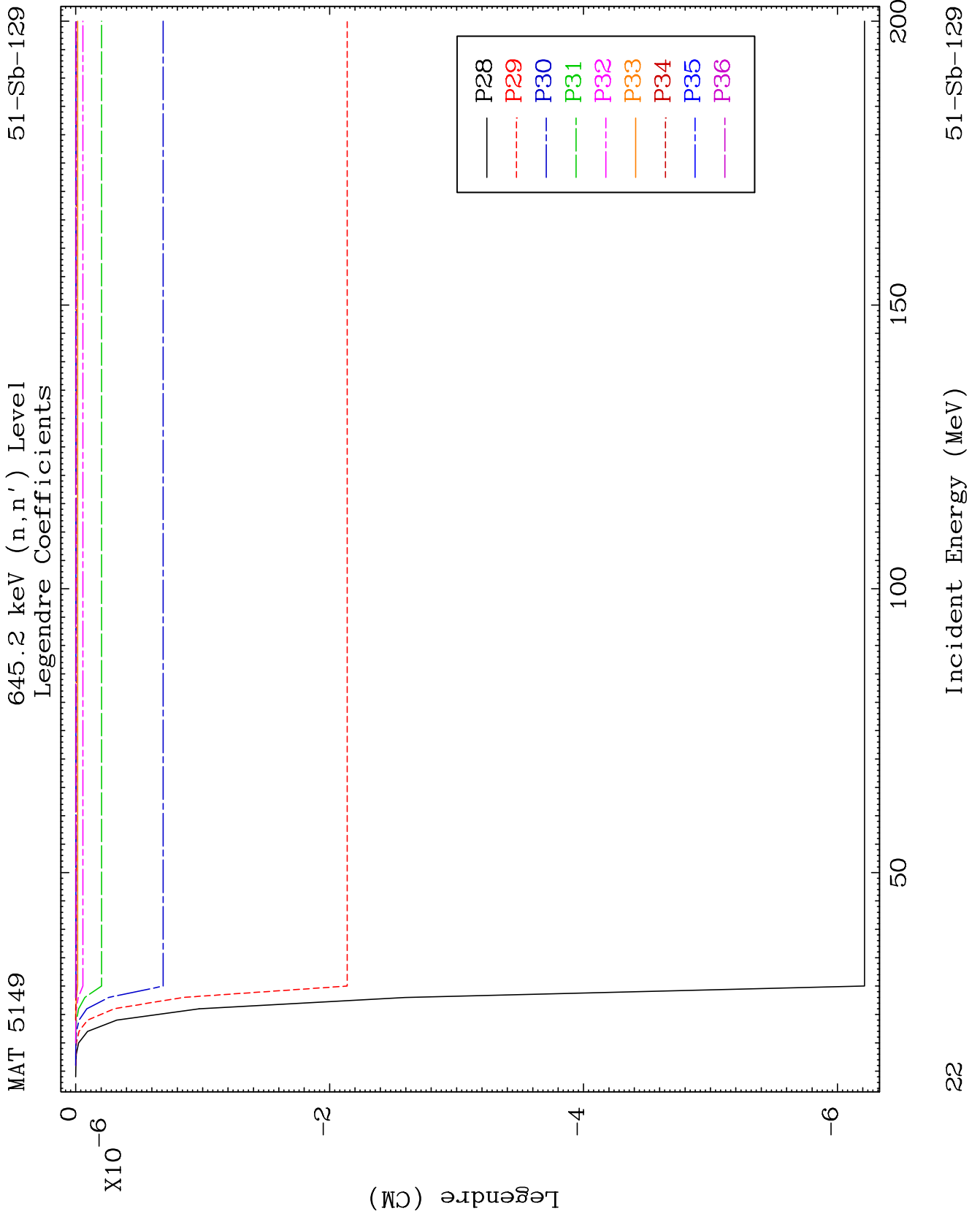


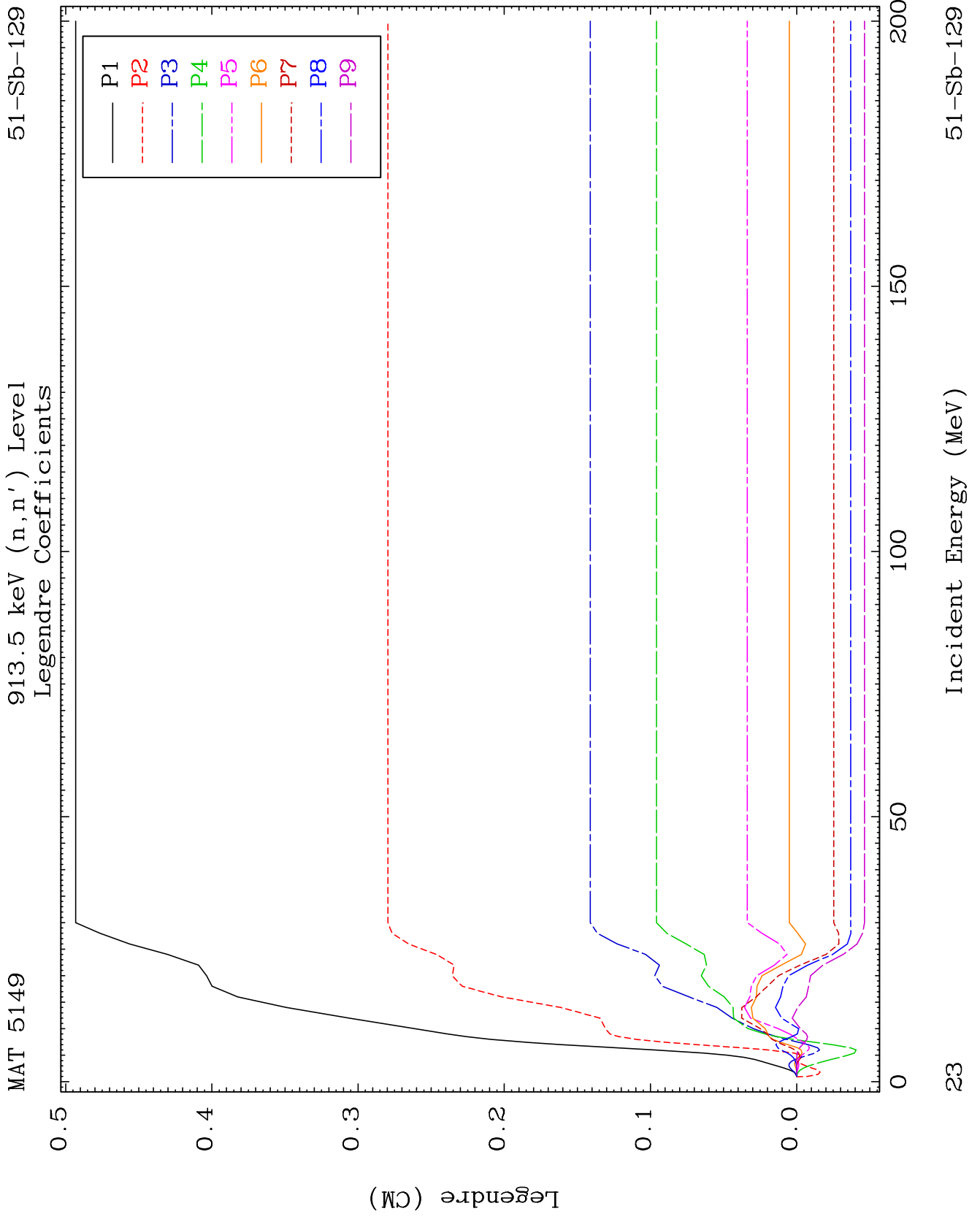
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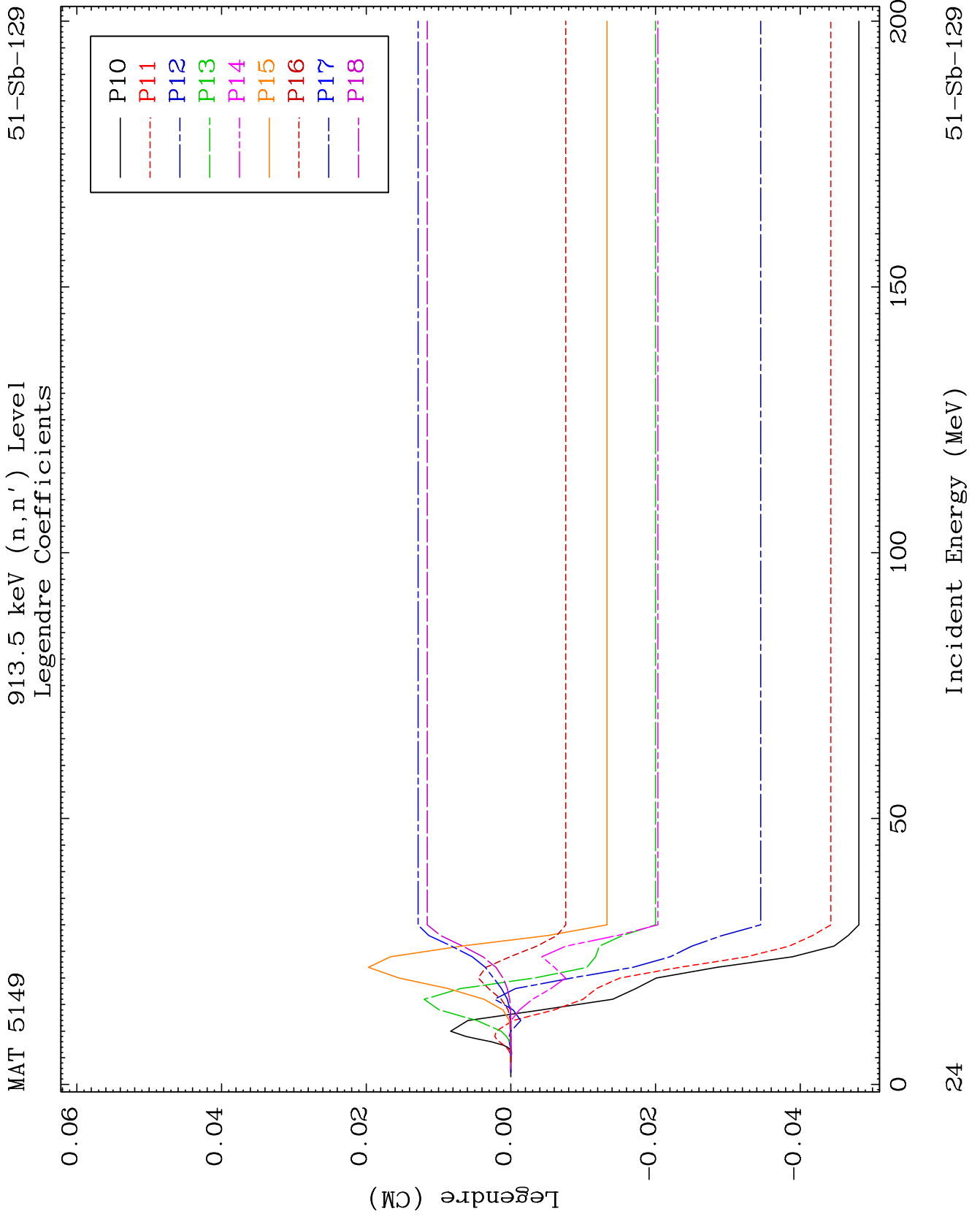
Incident Energy (MeV)

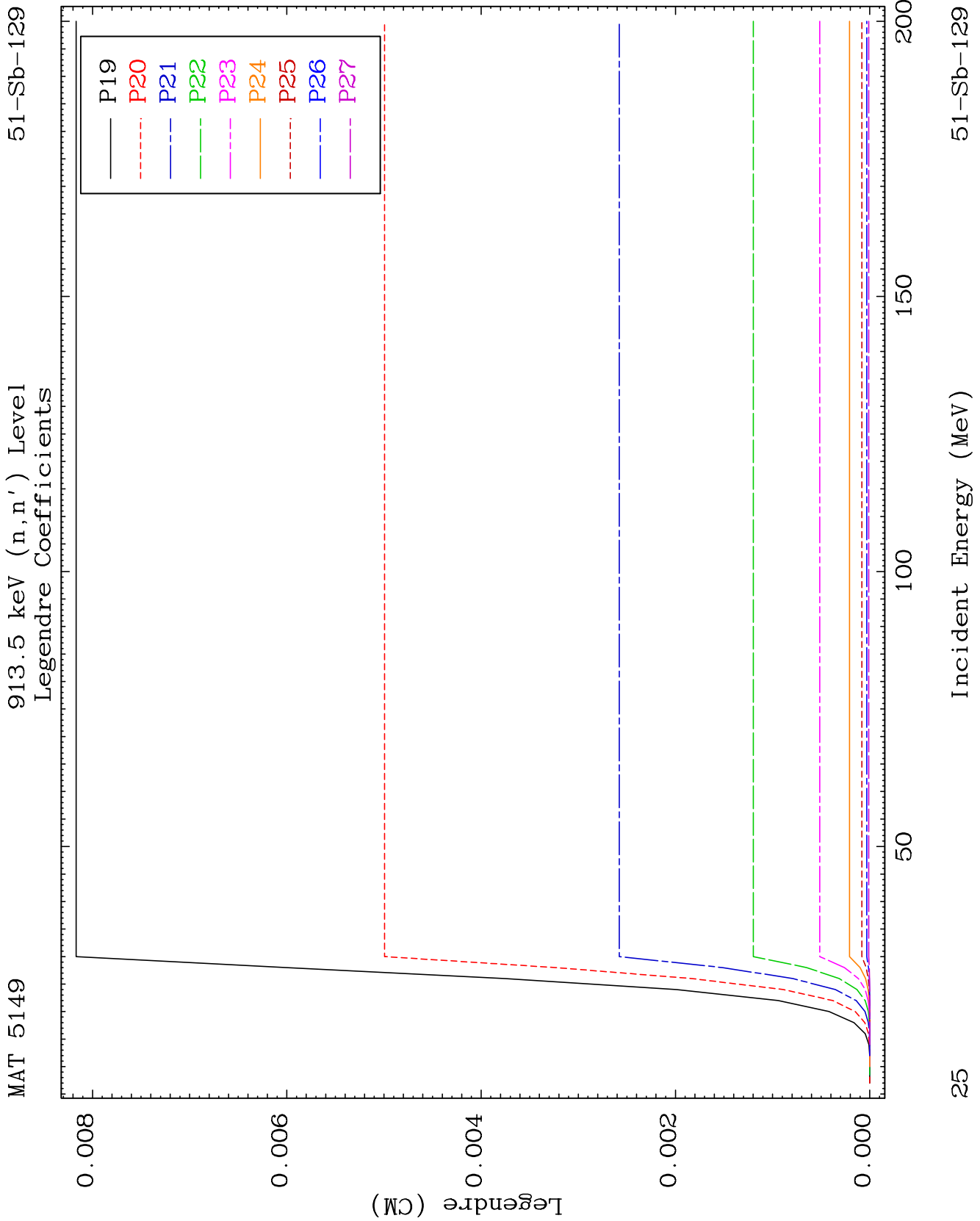
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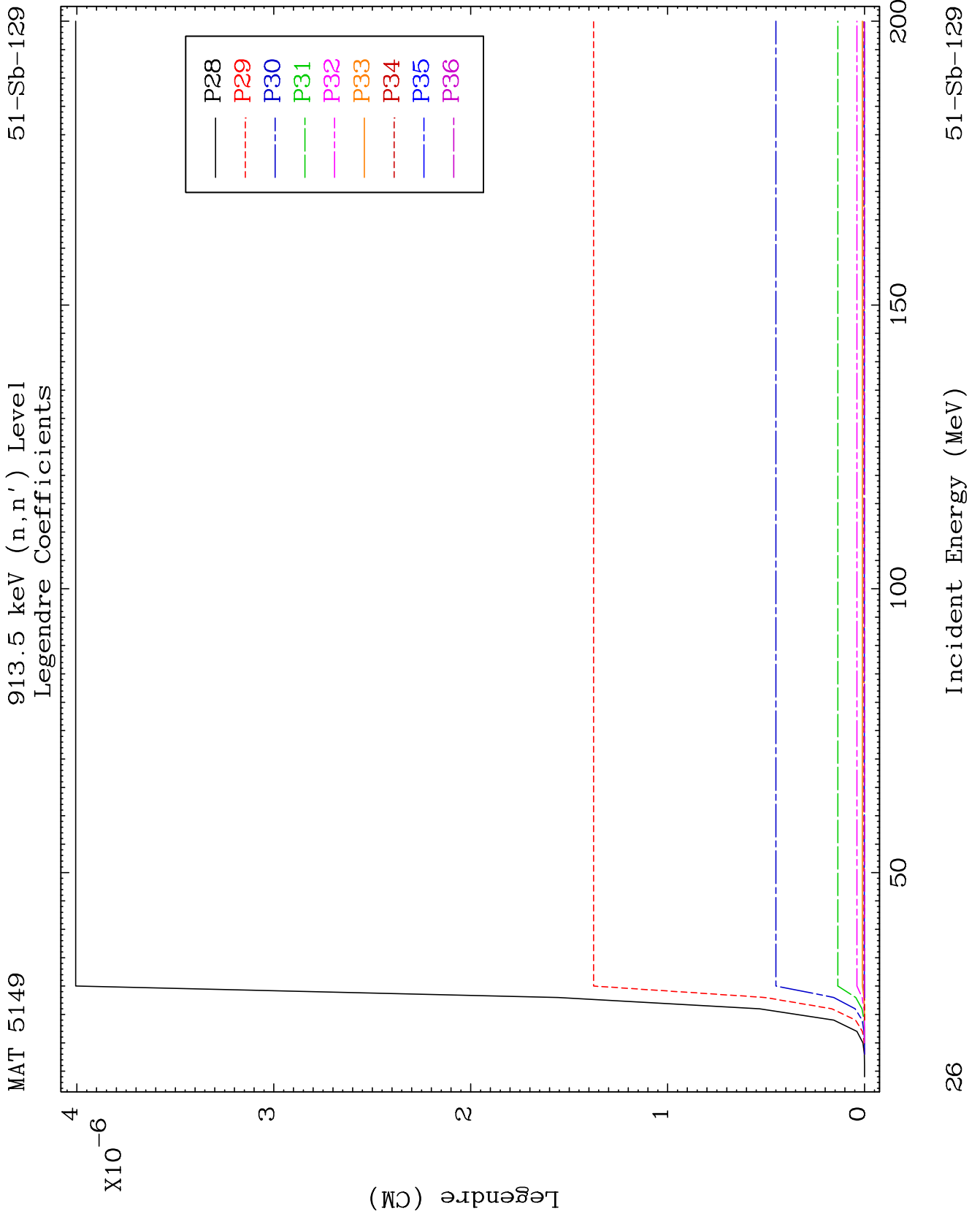


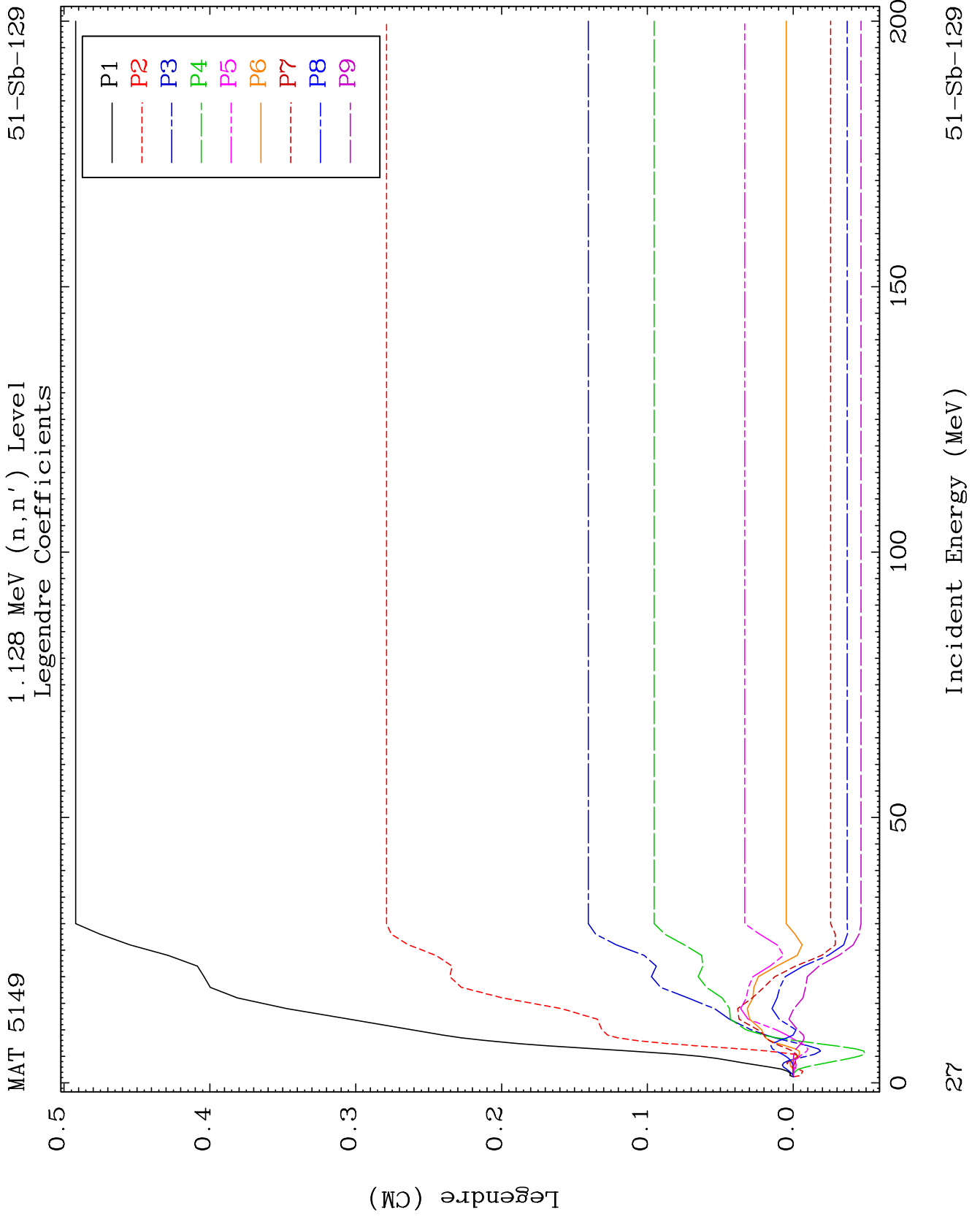








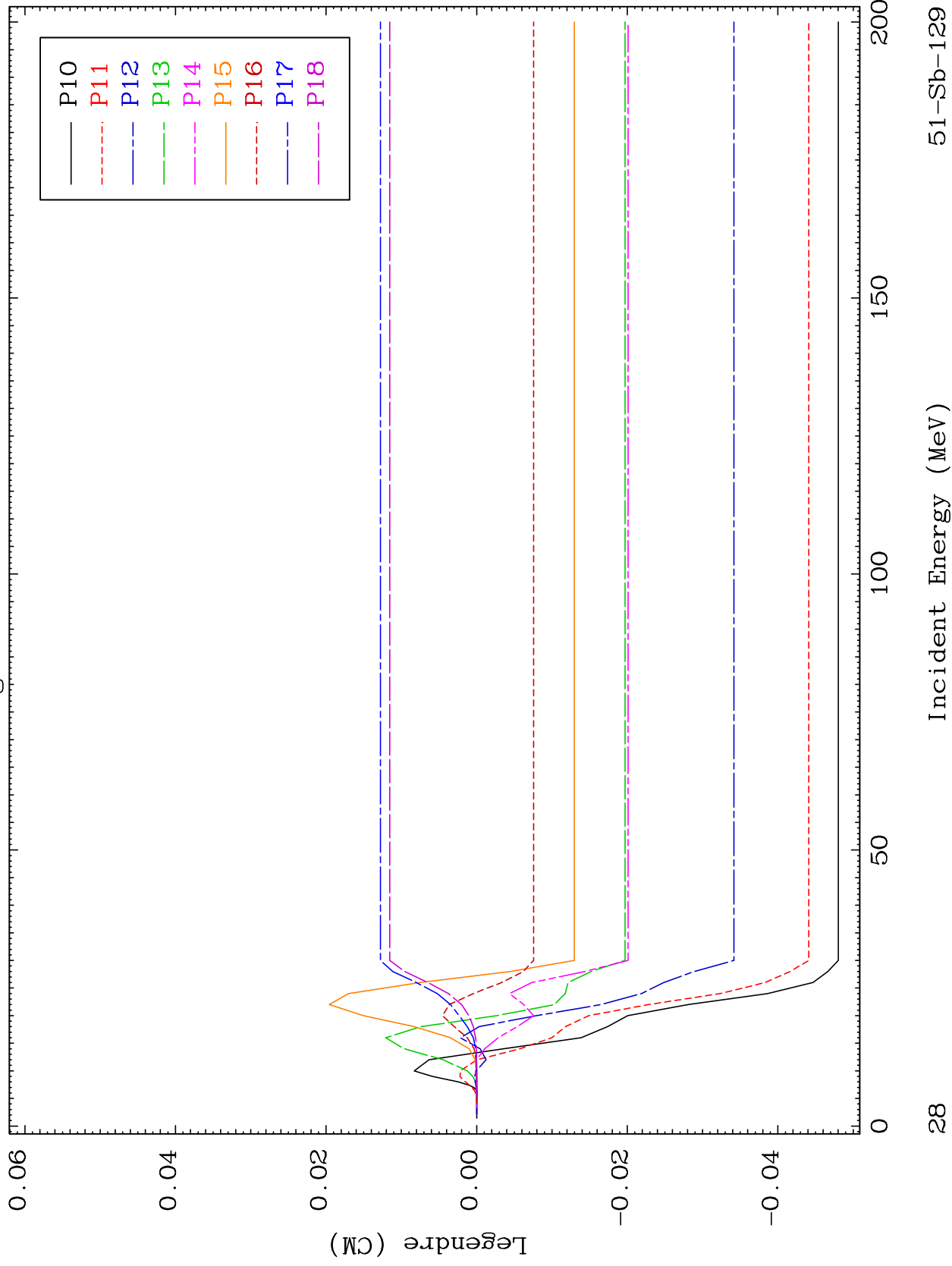




MAT 5149

1.128 MeV (n,n') Level
Legendre Coefficients

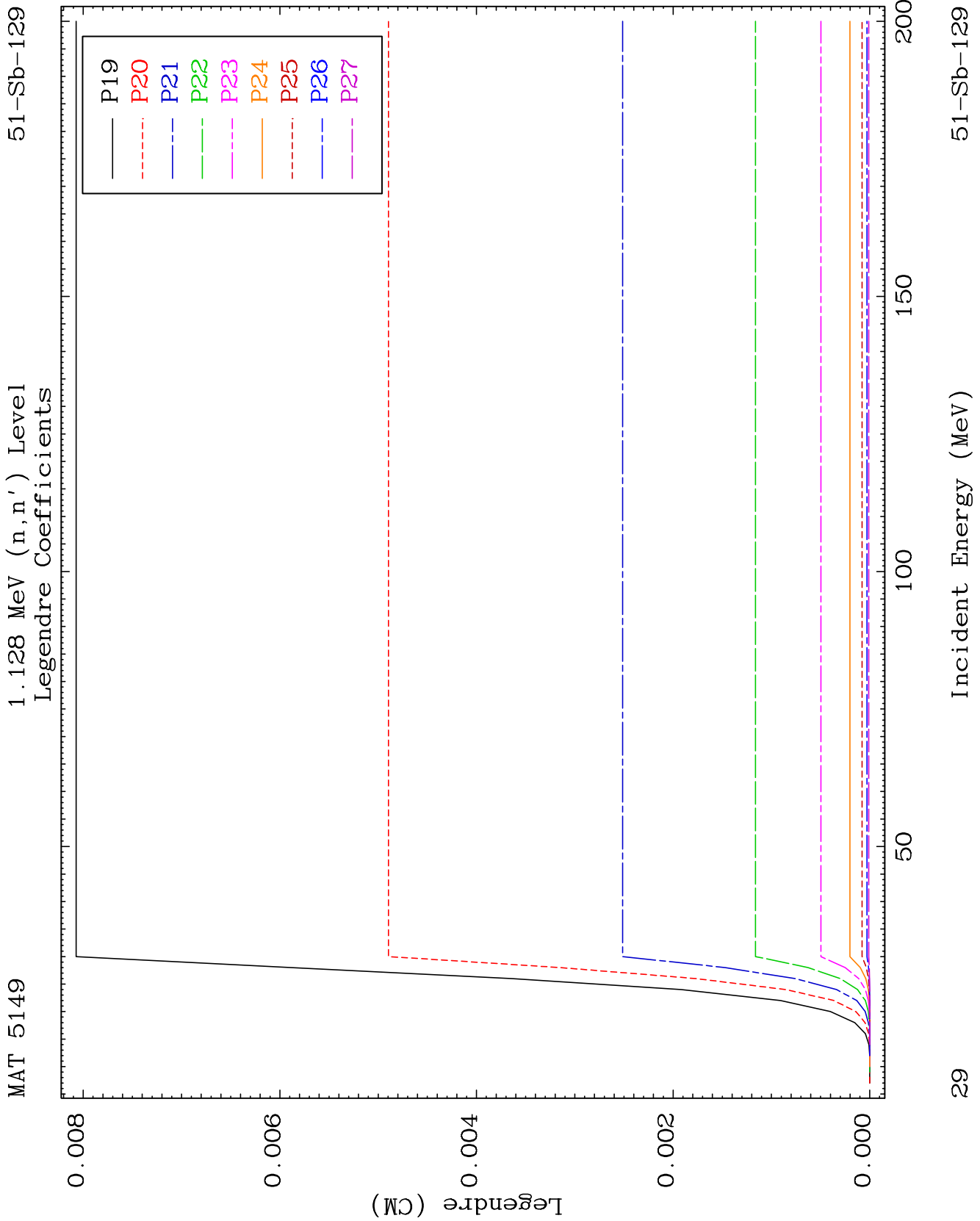
51-Sb-129



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Incident Energy (MeV)

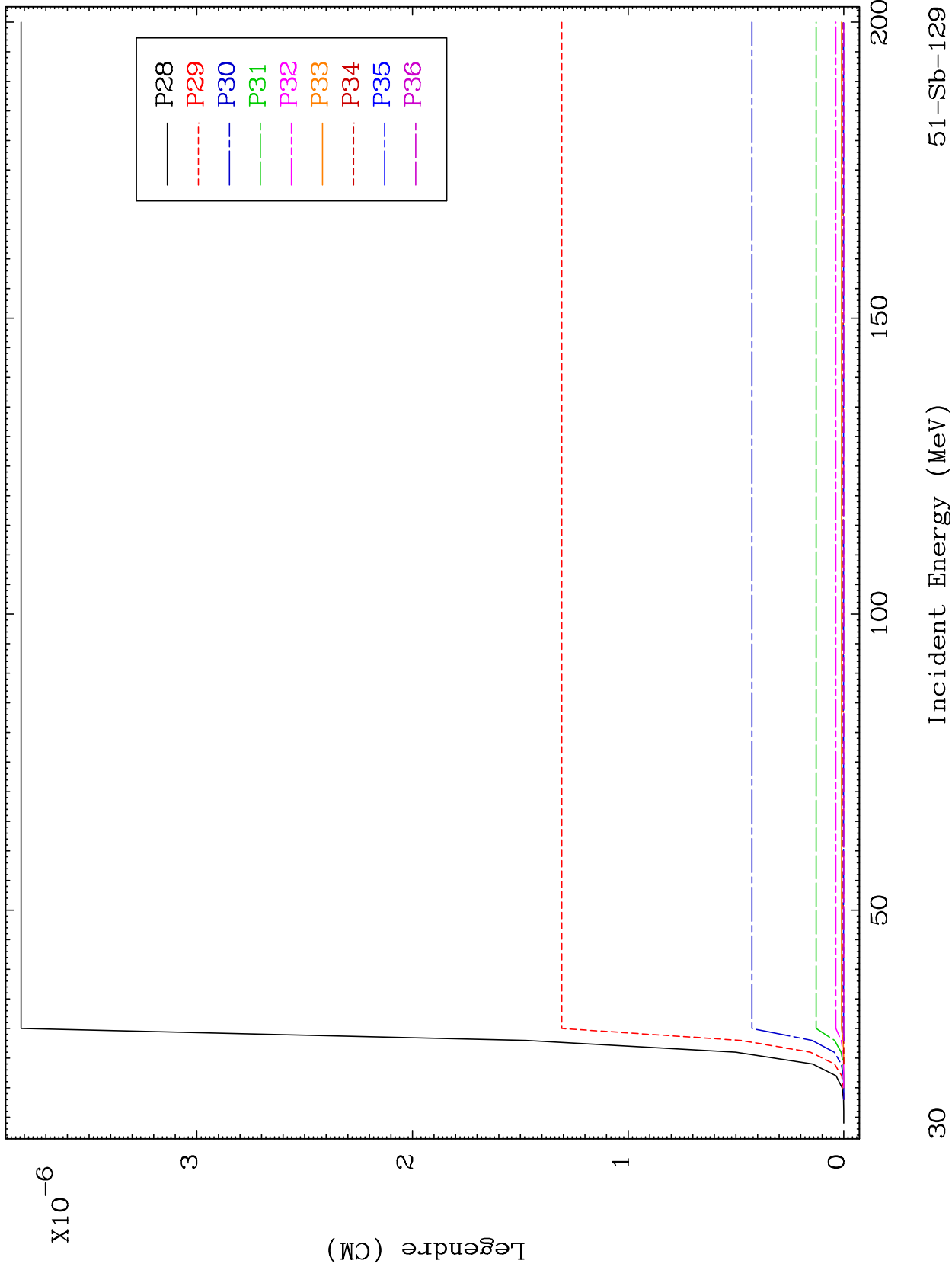
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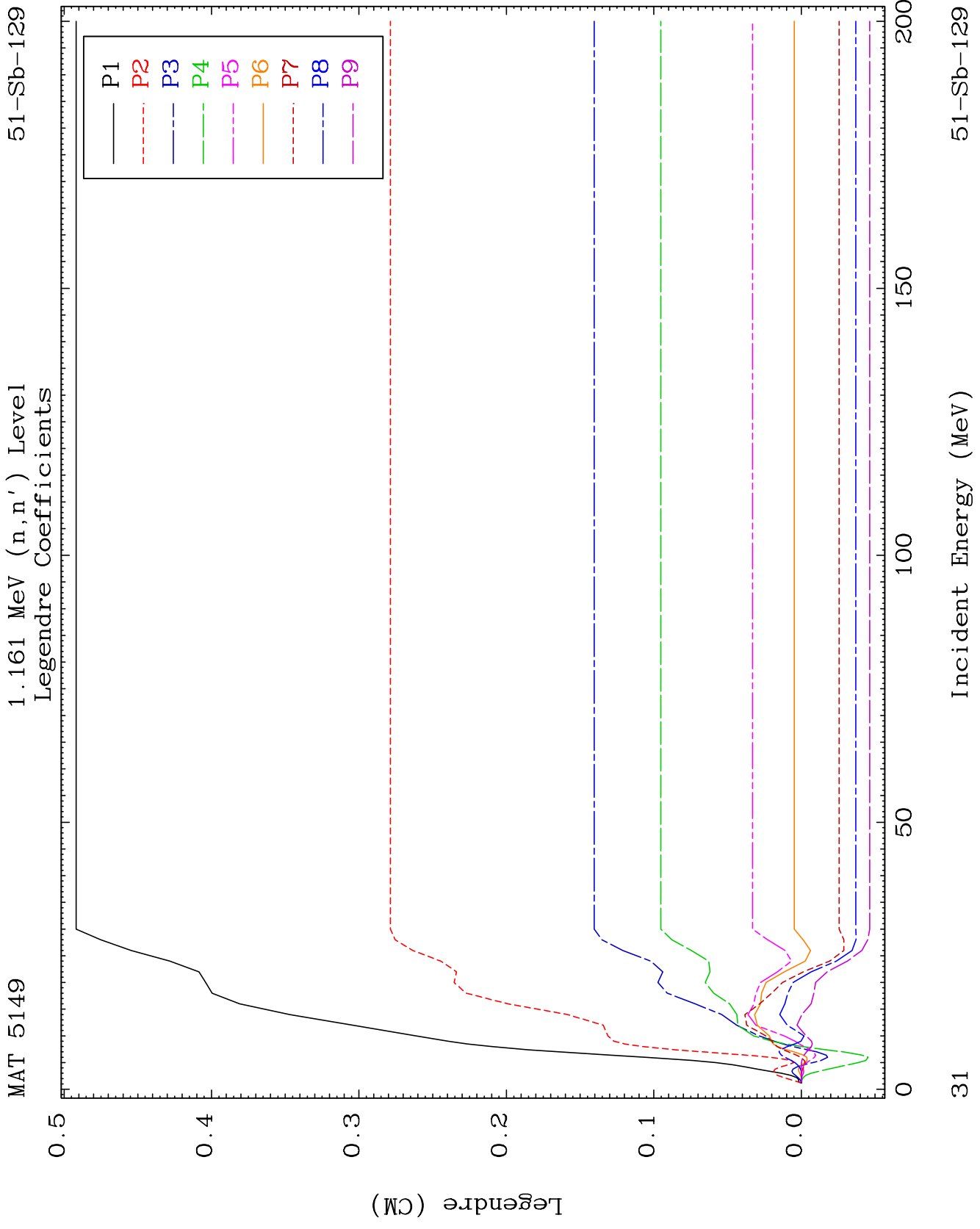


MAT 5149

1.128 MeV (n,n') Level
Legendre Coefficients

51-Sb-129

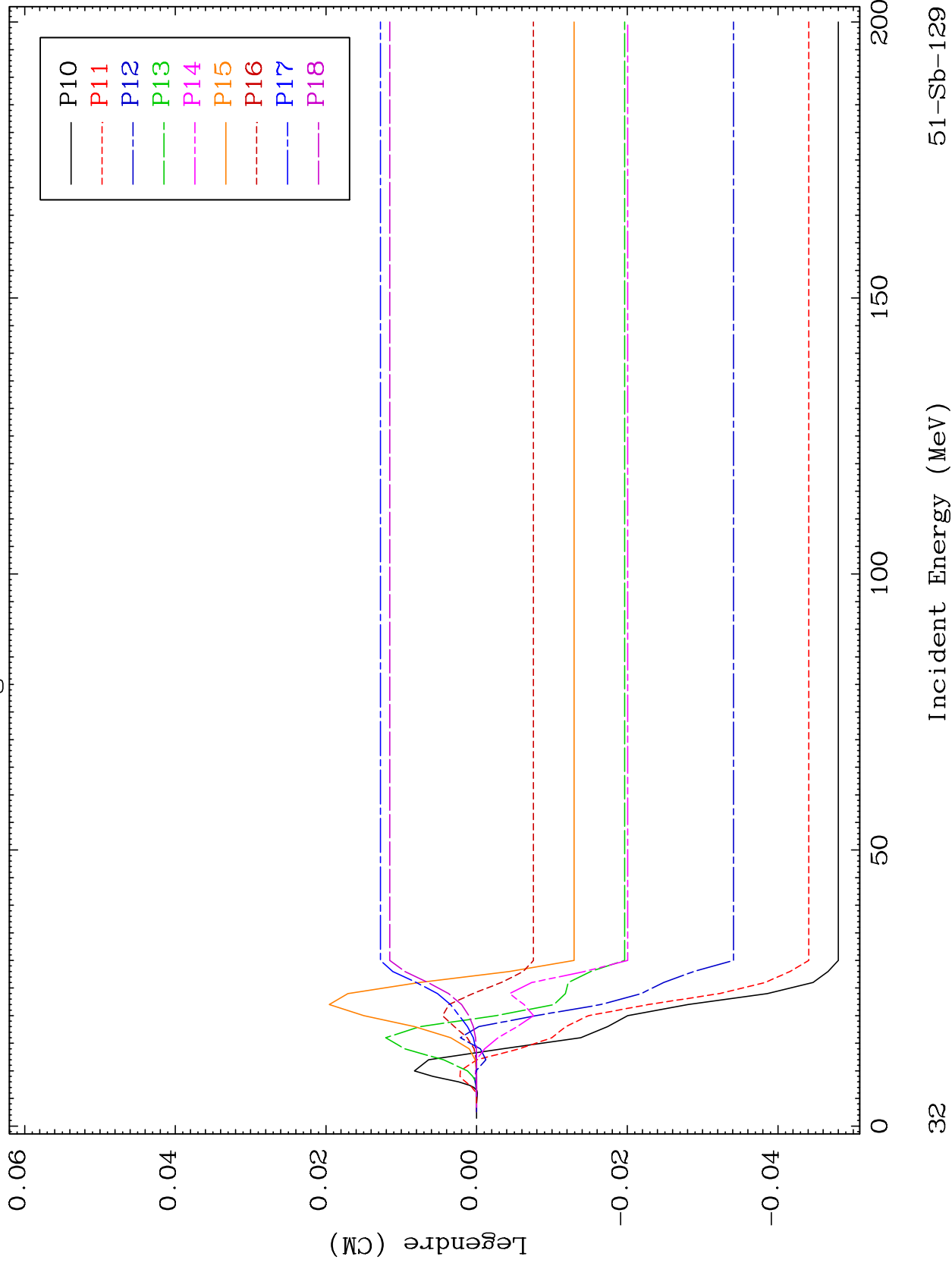




MAT 5149

1.161 MeV (n,n') Level
Legendre Coefficients

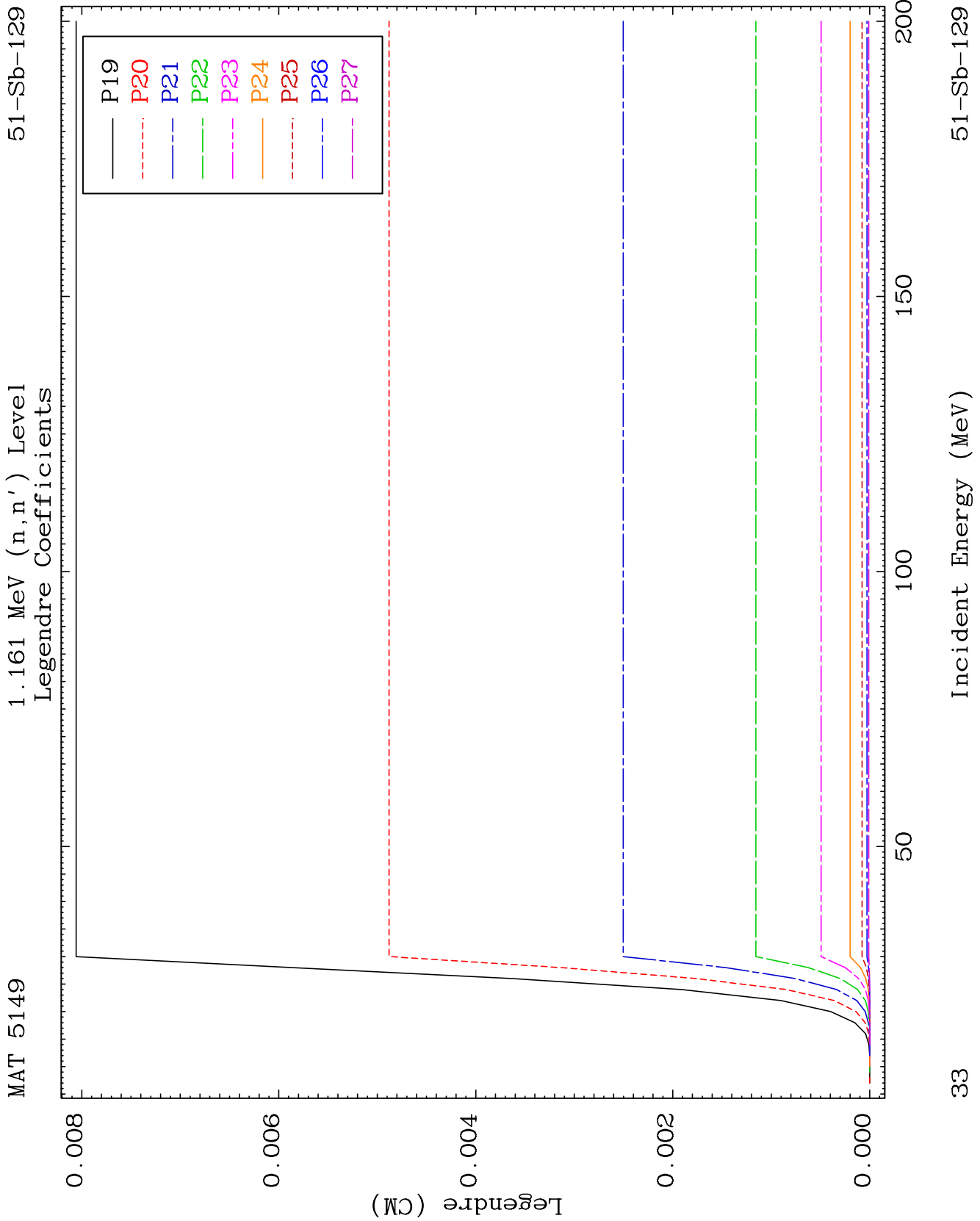
51-Sb-129



51-Sb-129

Incident Energy (MeV)

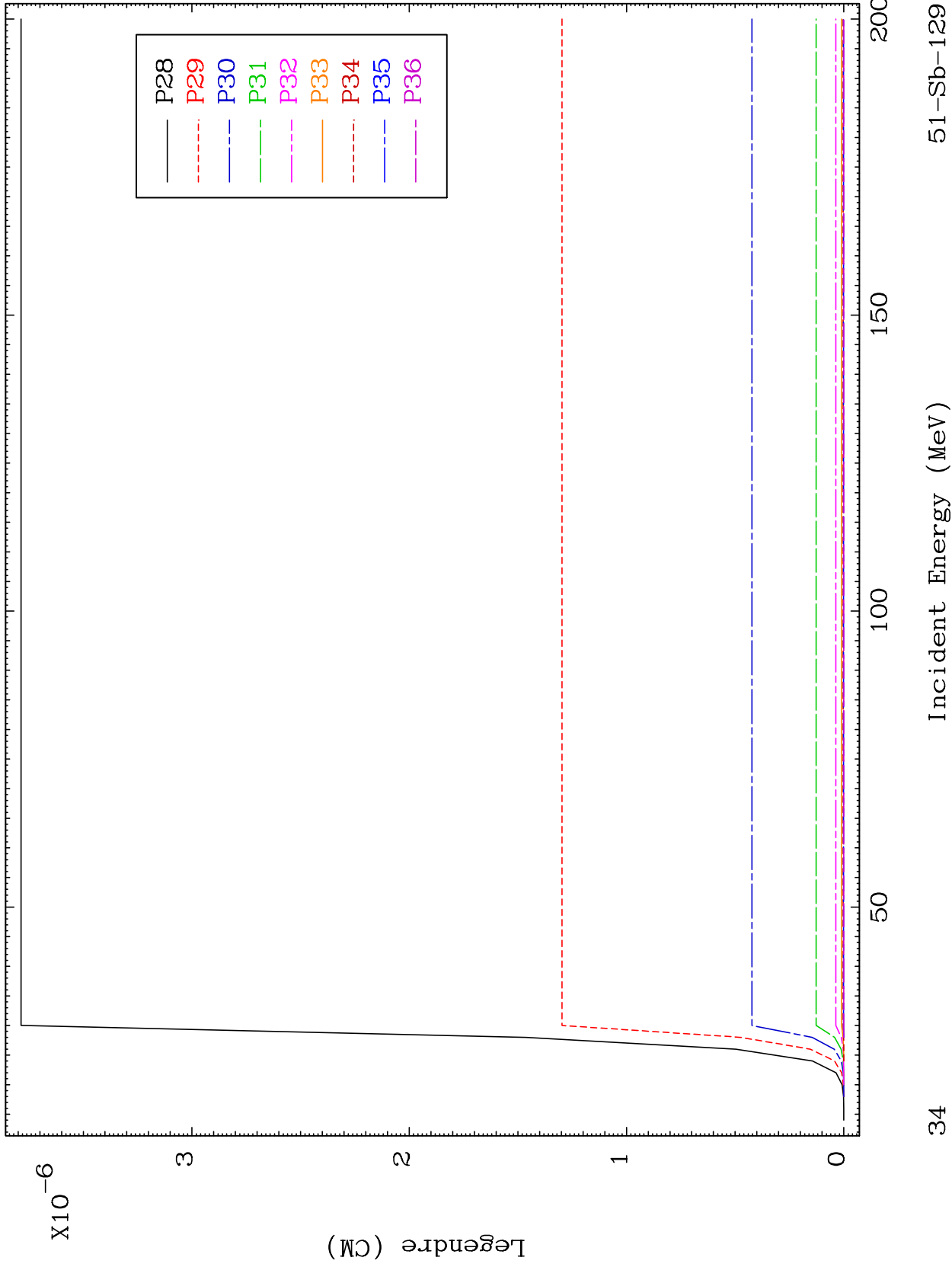
32



MAT 5149

1.161 MeV (n,n') Level
Legendre Coefficients

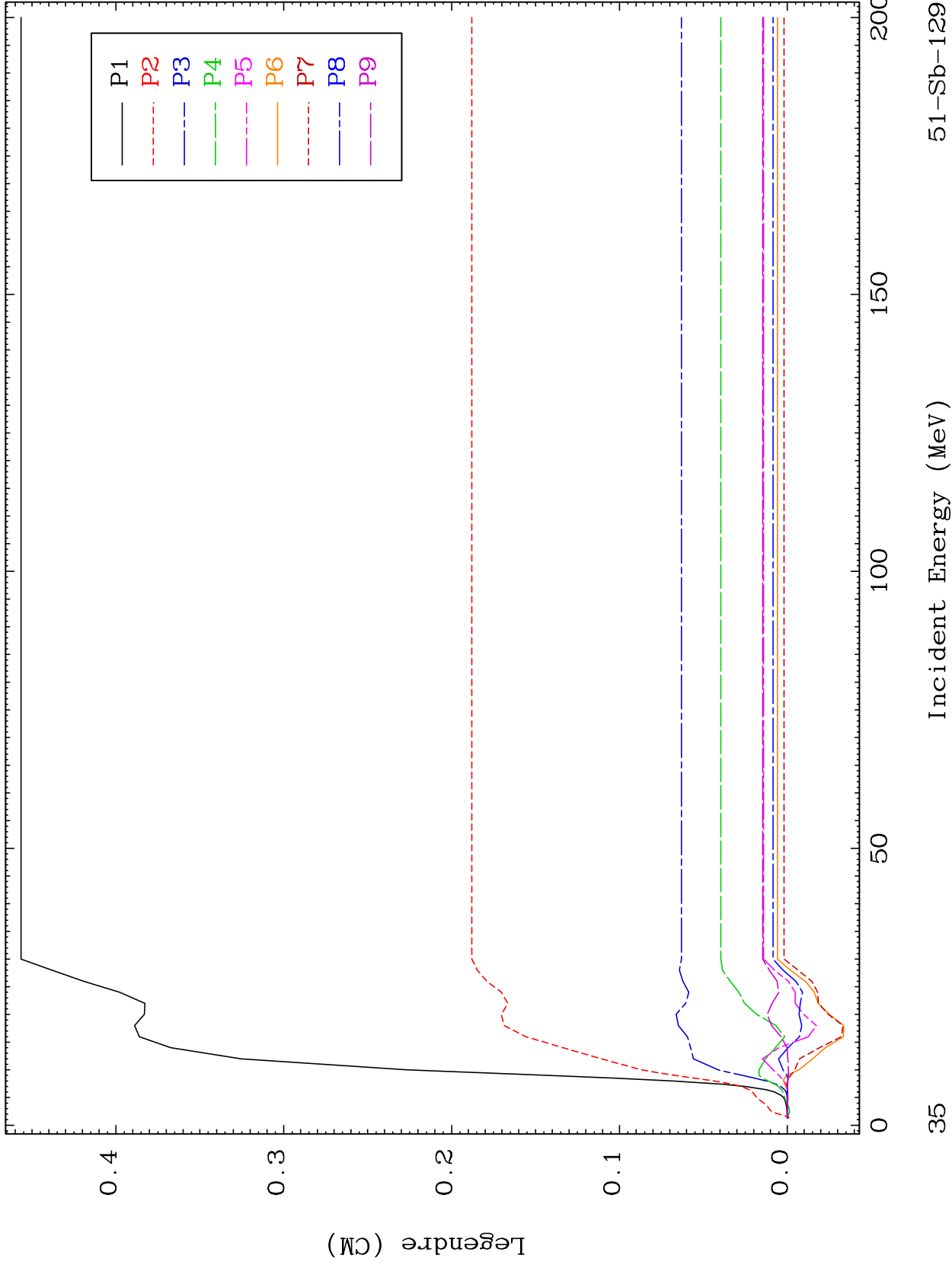
51-Sb-129



MAT 5149

1.252 MeV (n, n') Level
Legendre Coefficients

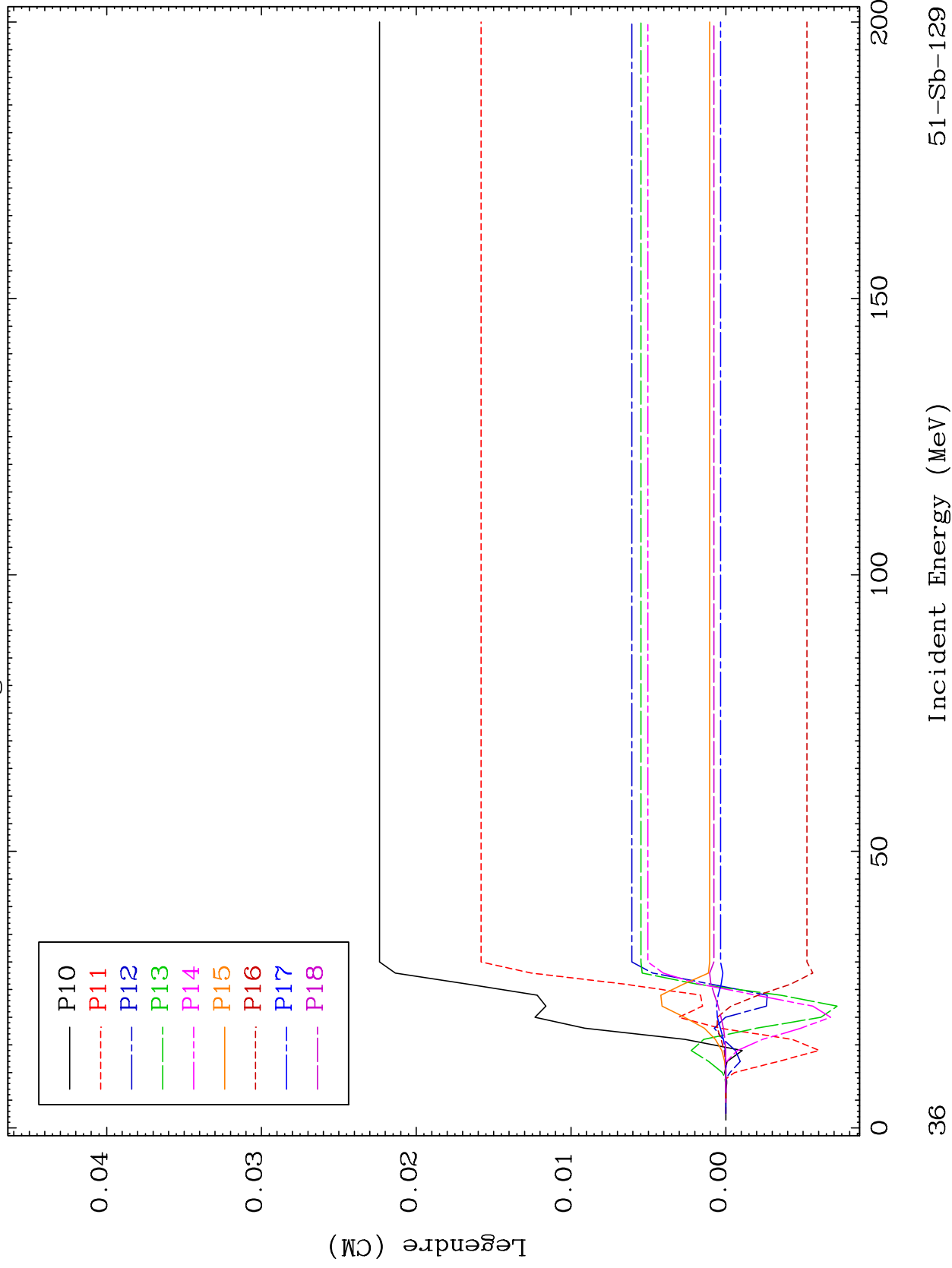
51-Sb-129



51-Sb-129

Incident Energy (MeV)

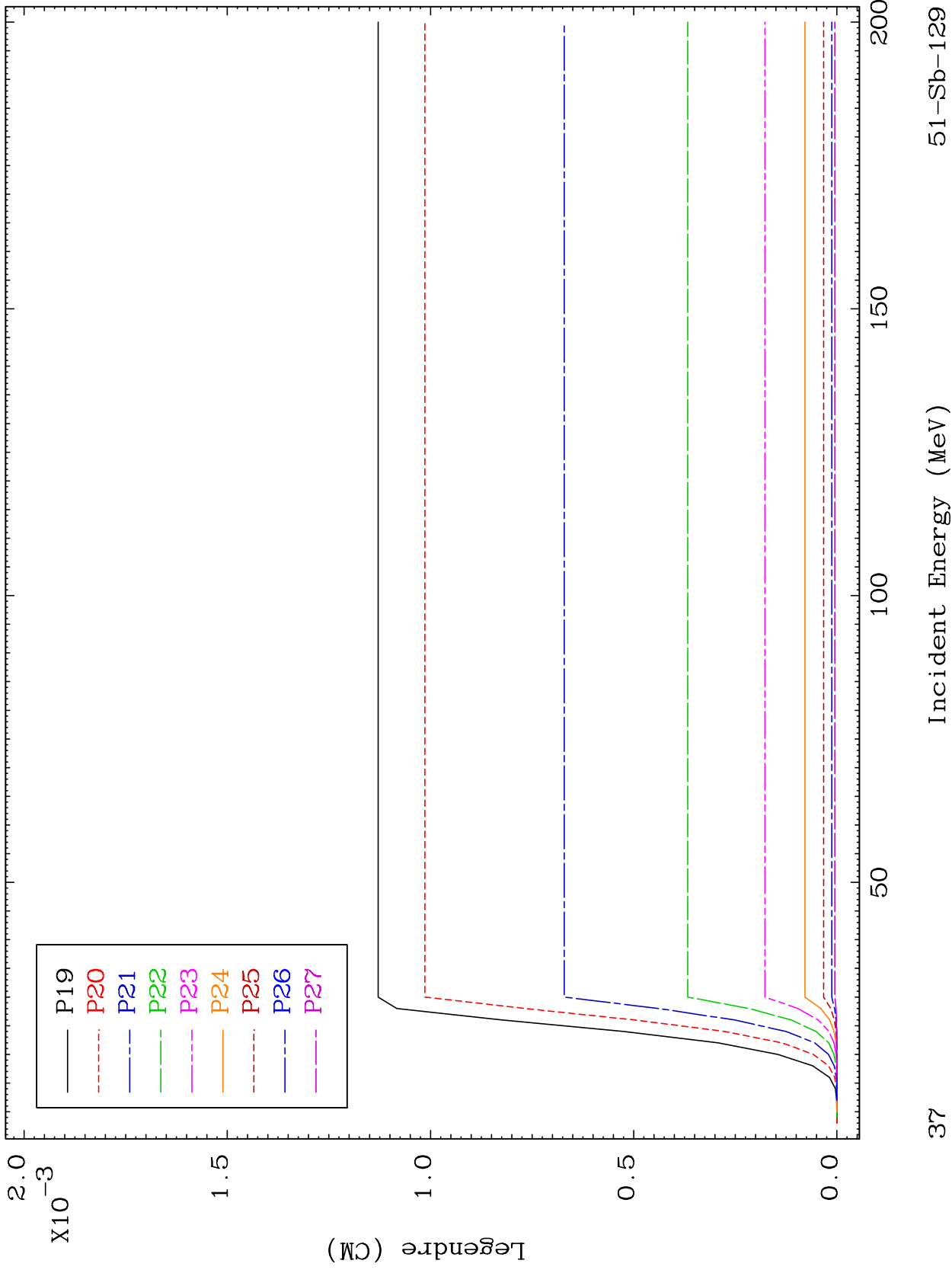
35



MAT 5149

1.252 MeV (n,n') Level
Legendre Coefficients

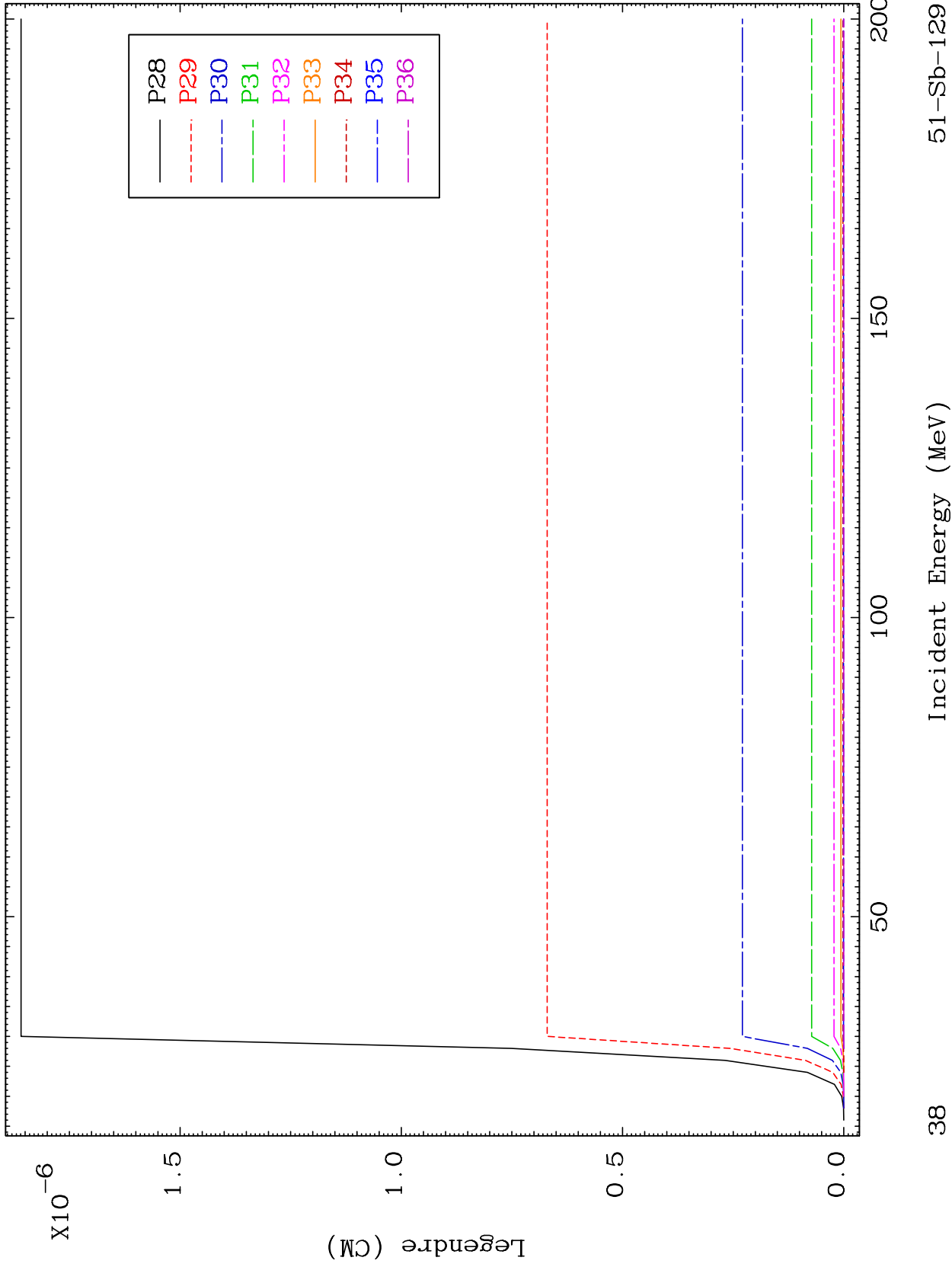
51-Sb-129



MAT 5149

1.252 MeV (n, n') Level
Legendre Coefficients

51-Sb-129



38

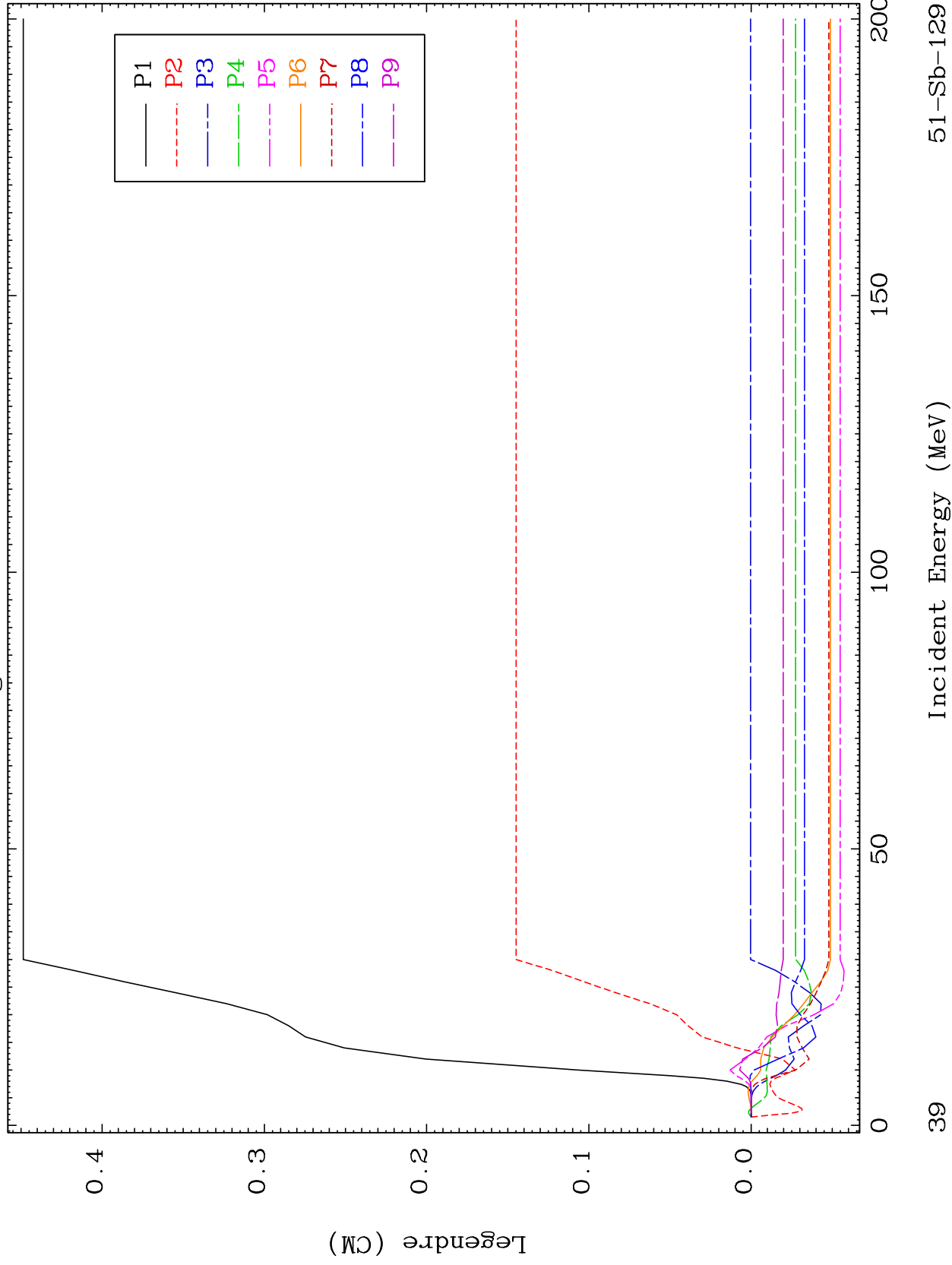
Incident Energy (MeV)

51-Sb-129

MAT 5149

1.493 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



51-Sb-129

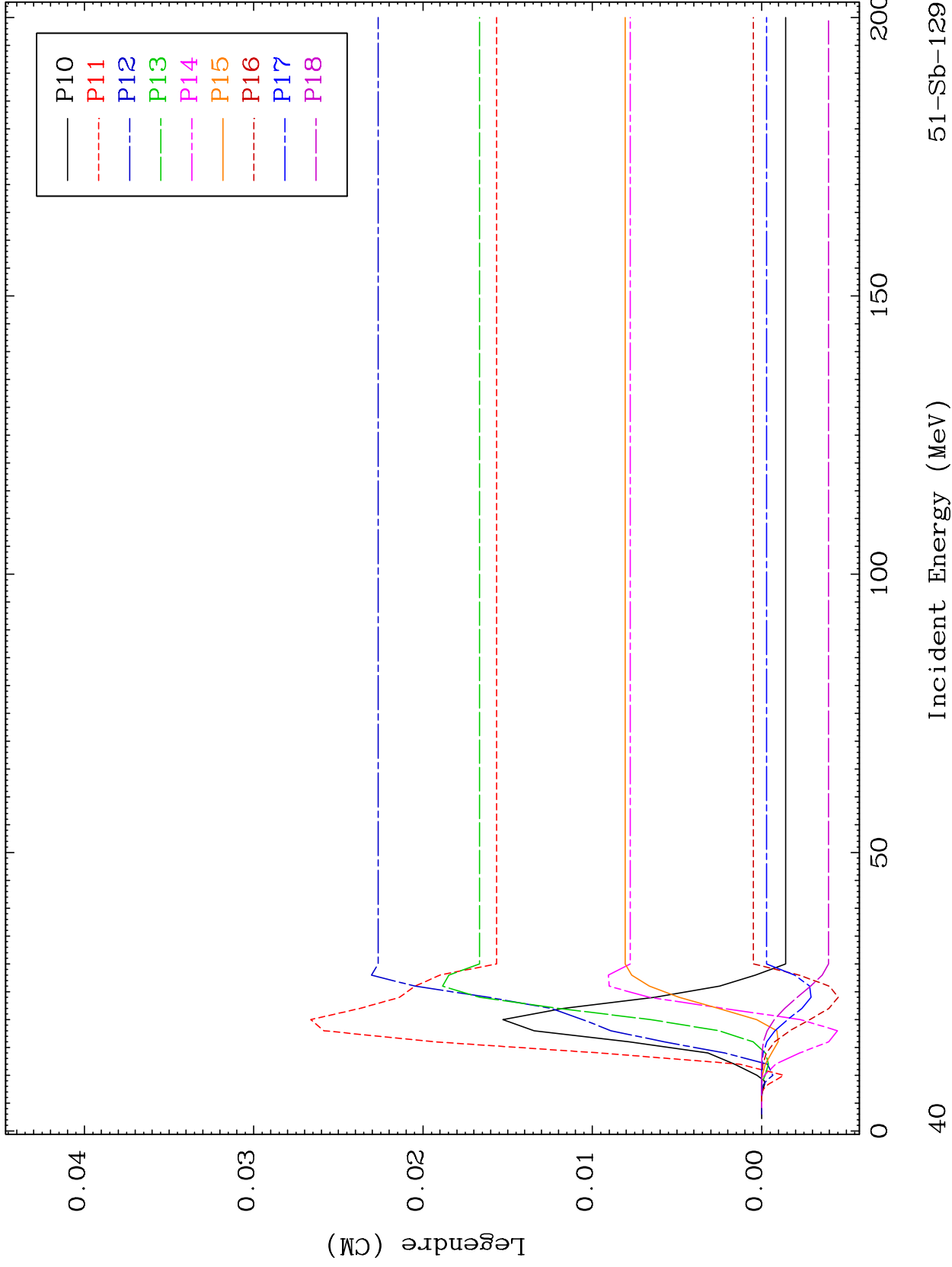
Incident Energy (MeV)

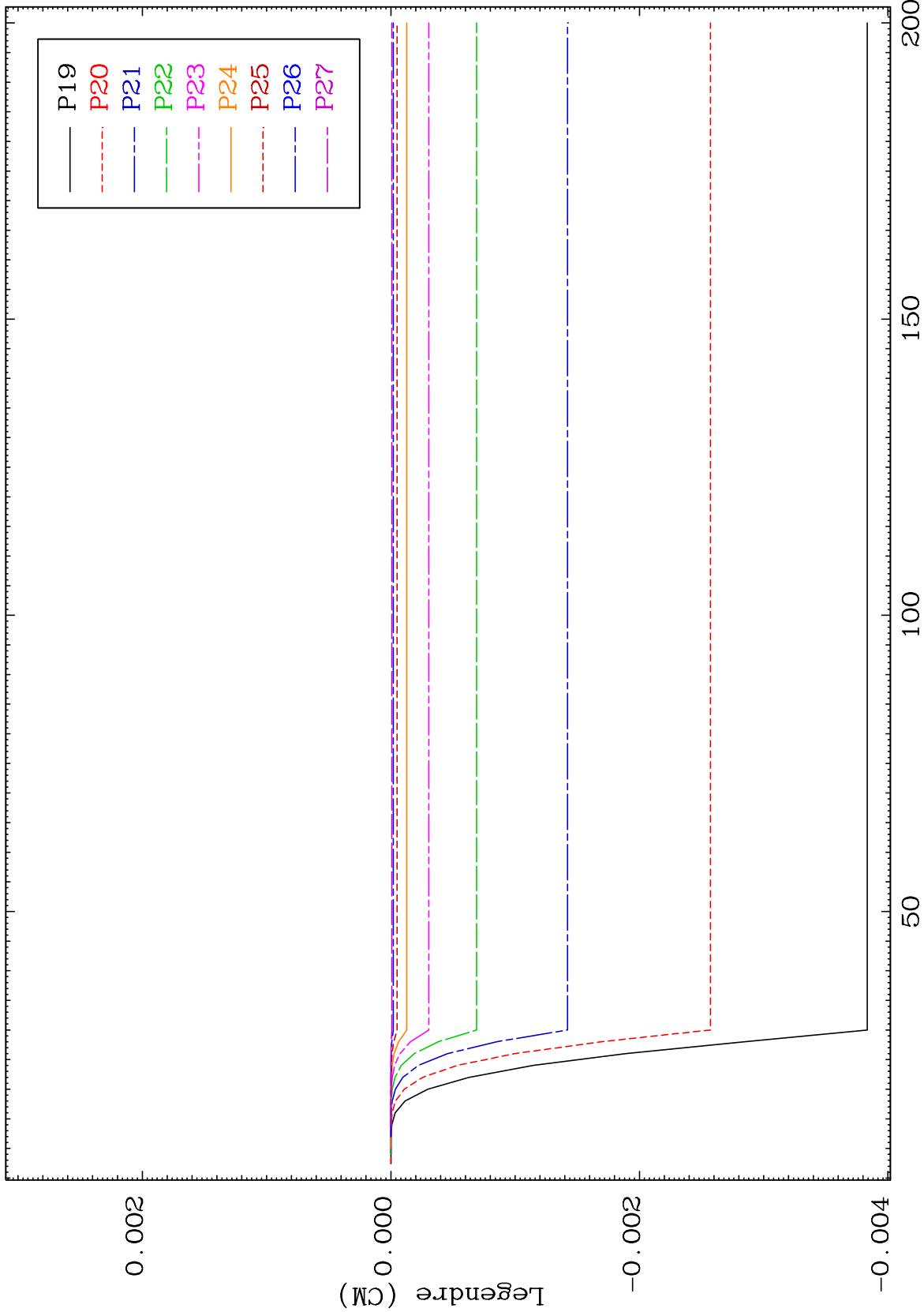
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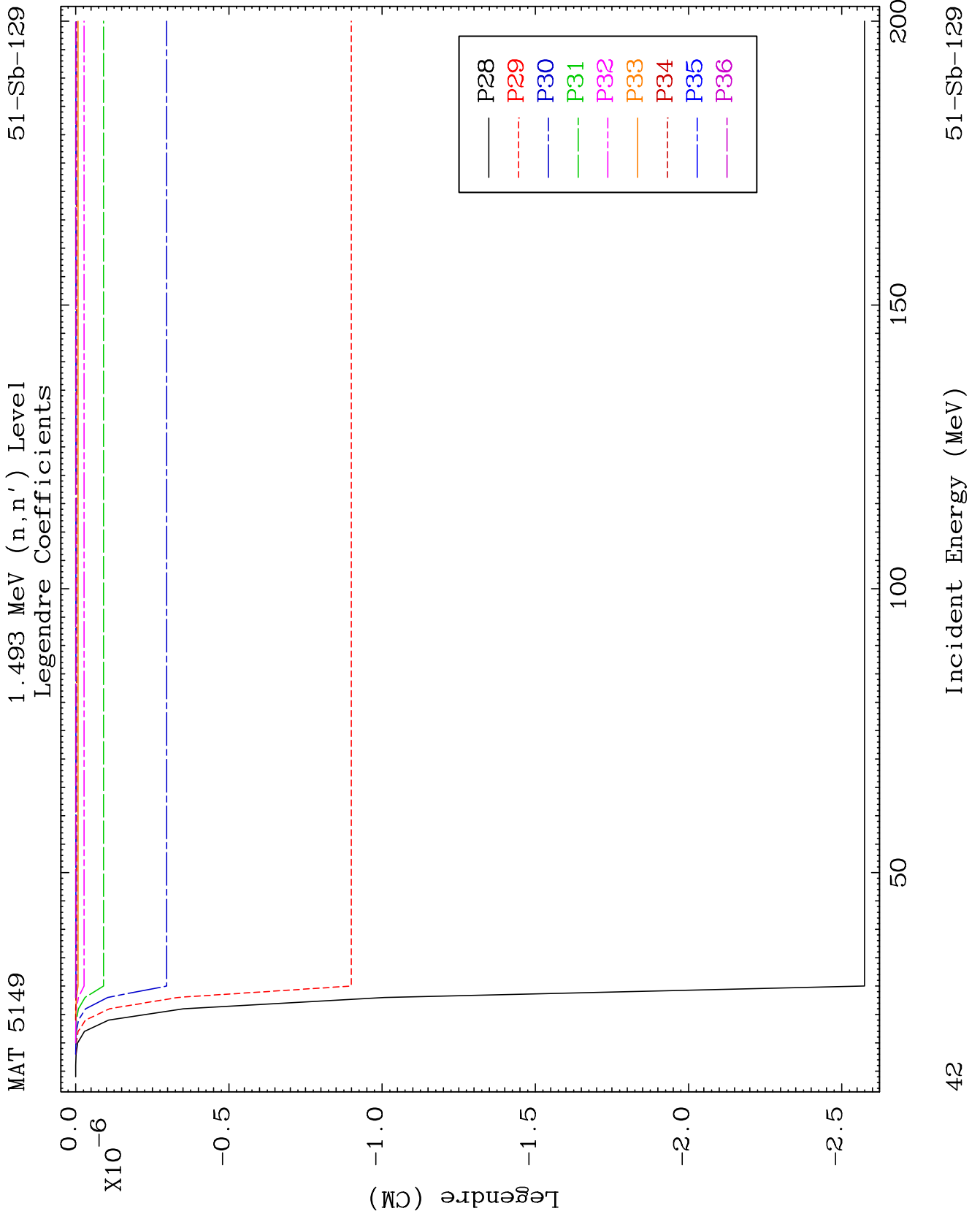
MAT 5149

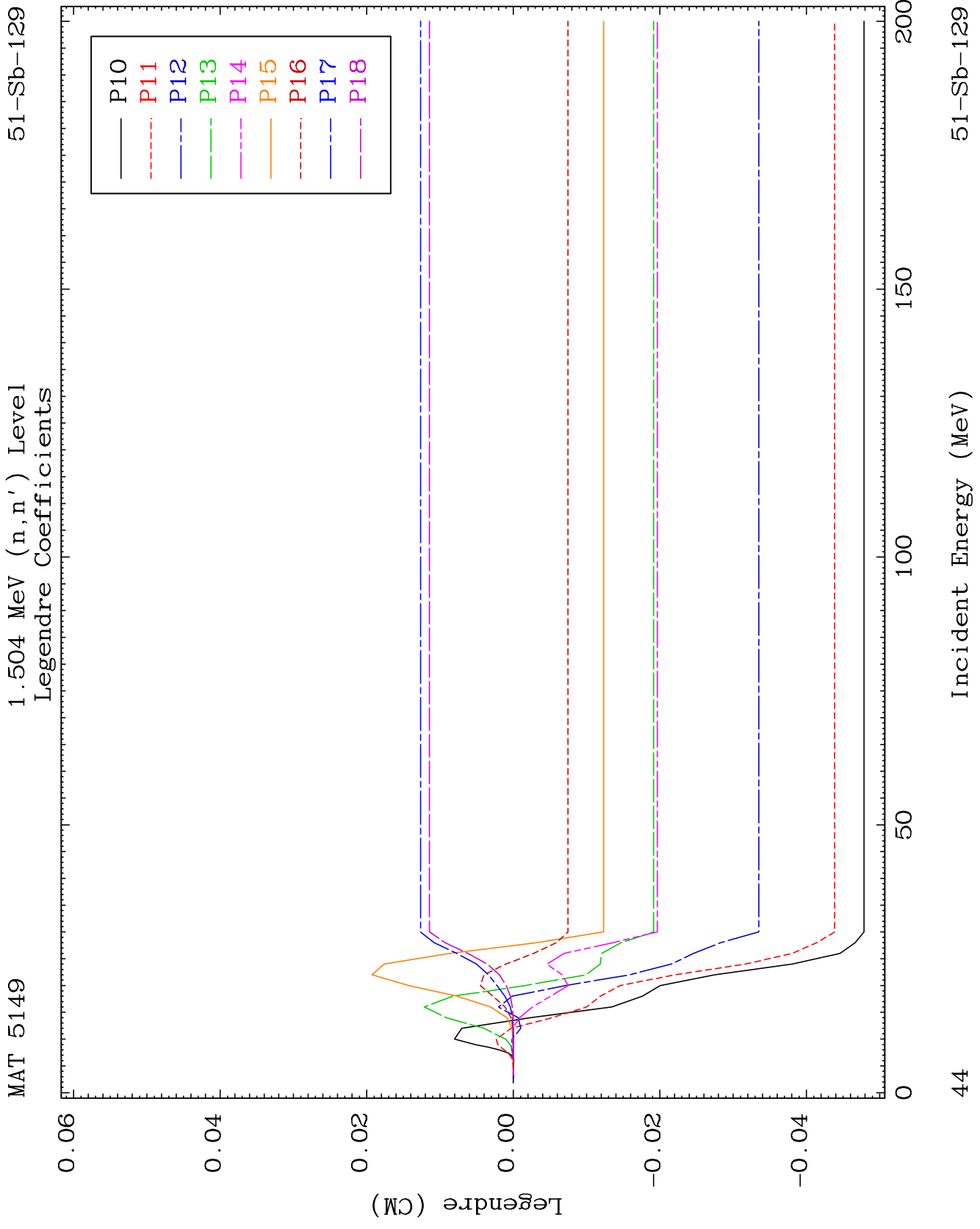
1.493 MeV (n,n') Level
Legendre Coefficients

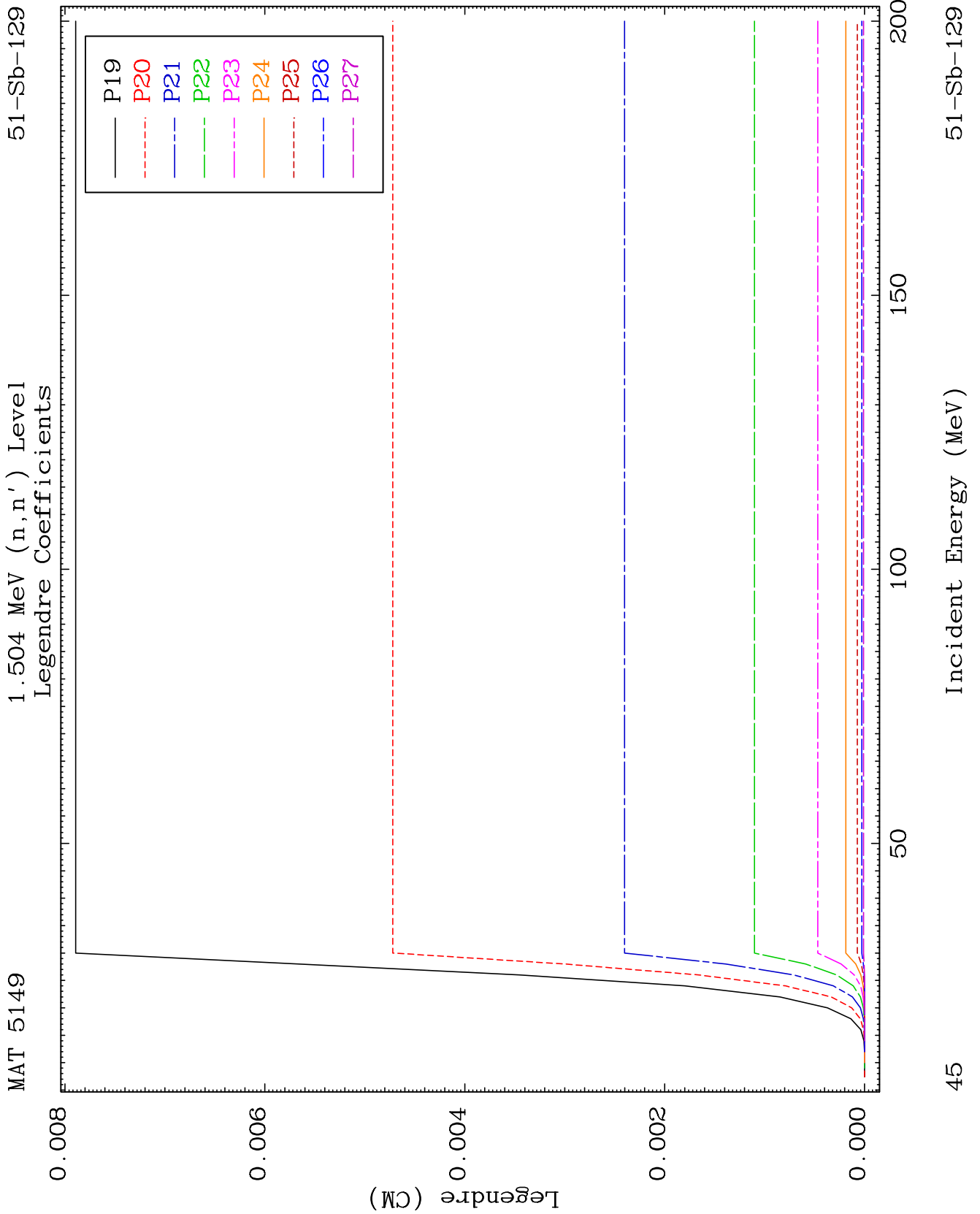
51-Sb-129







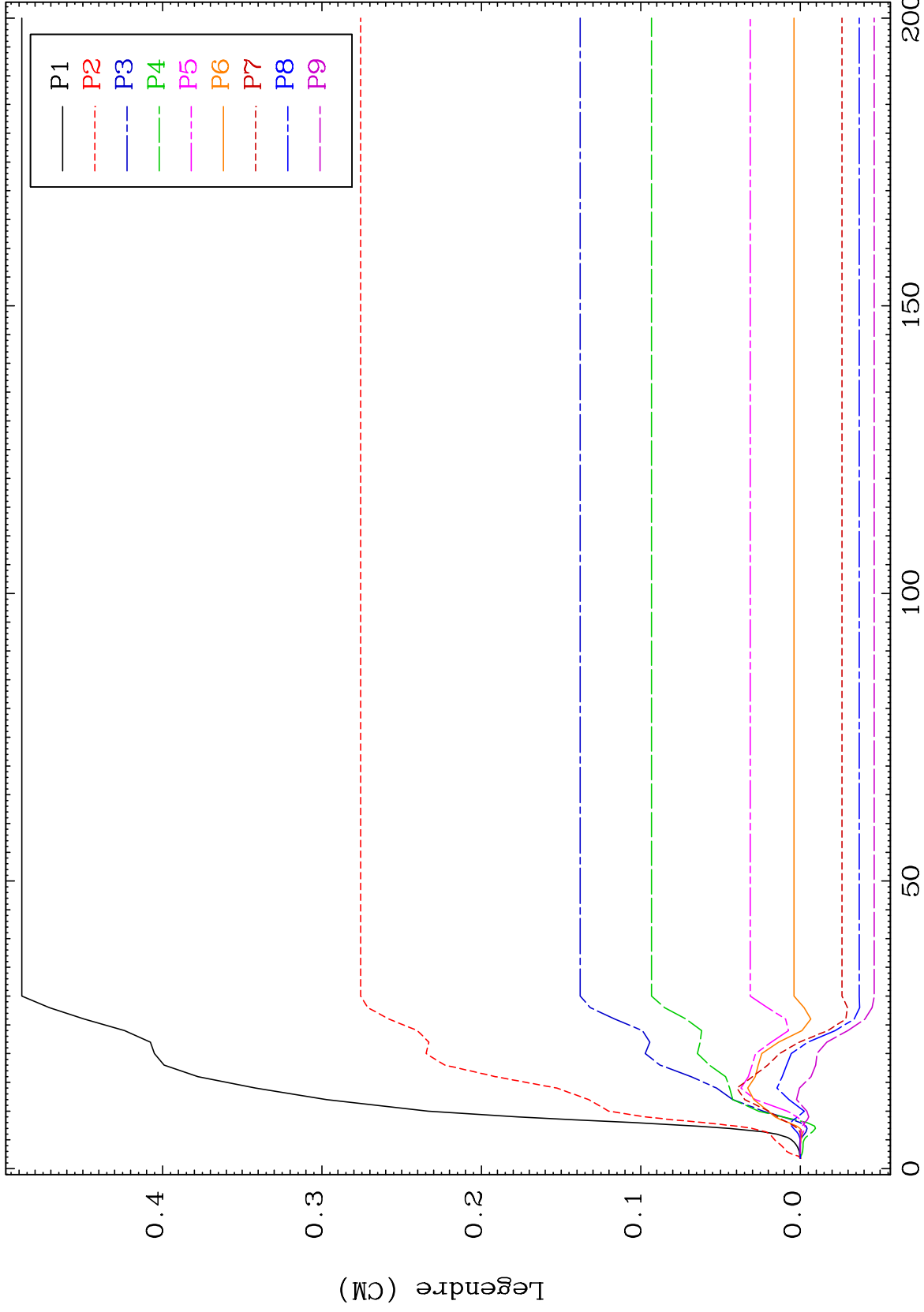




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1.762 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



47

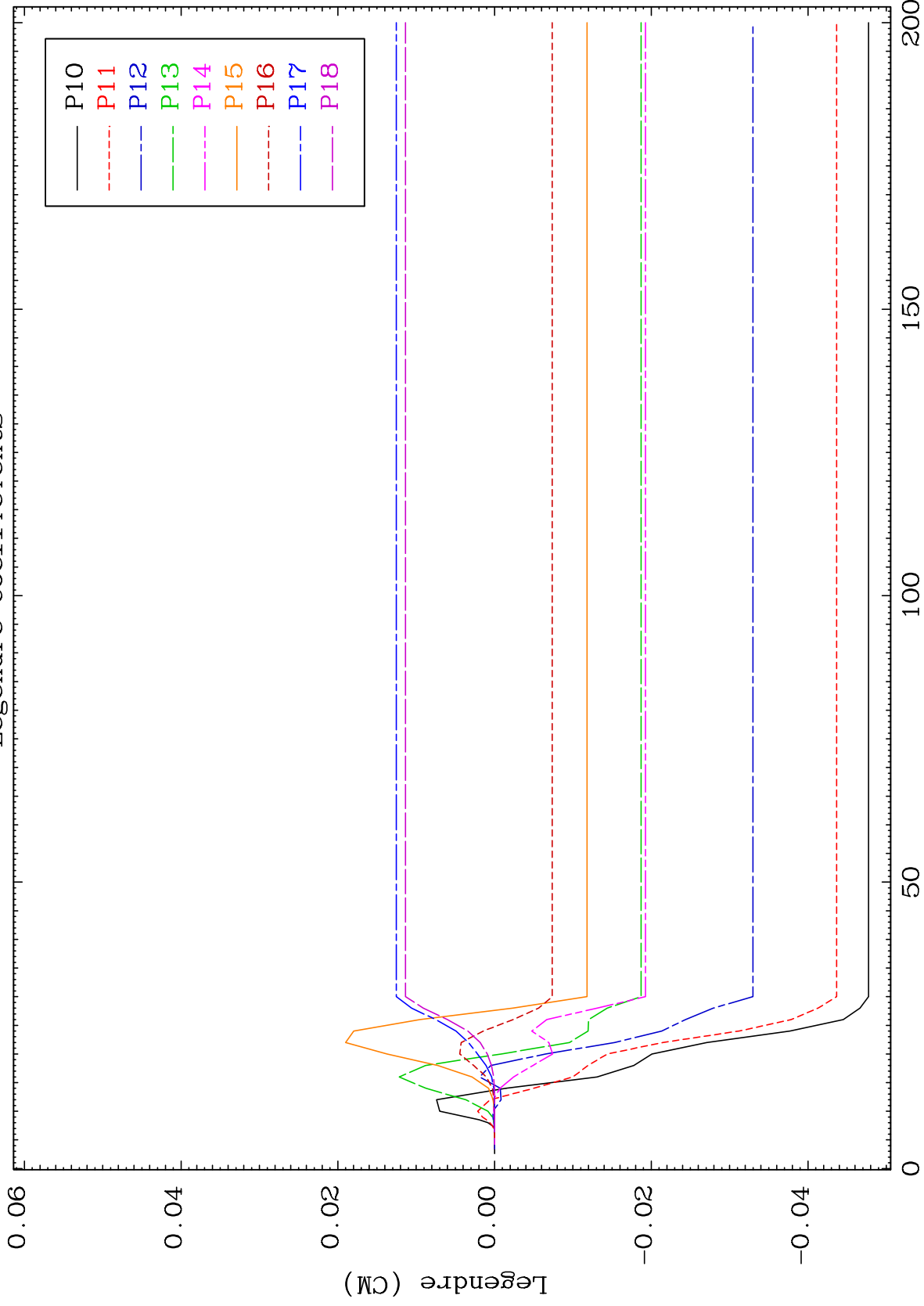
Incident Energy (MeV)

51-Sb-129

MAT 5149

1.762 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



48

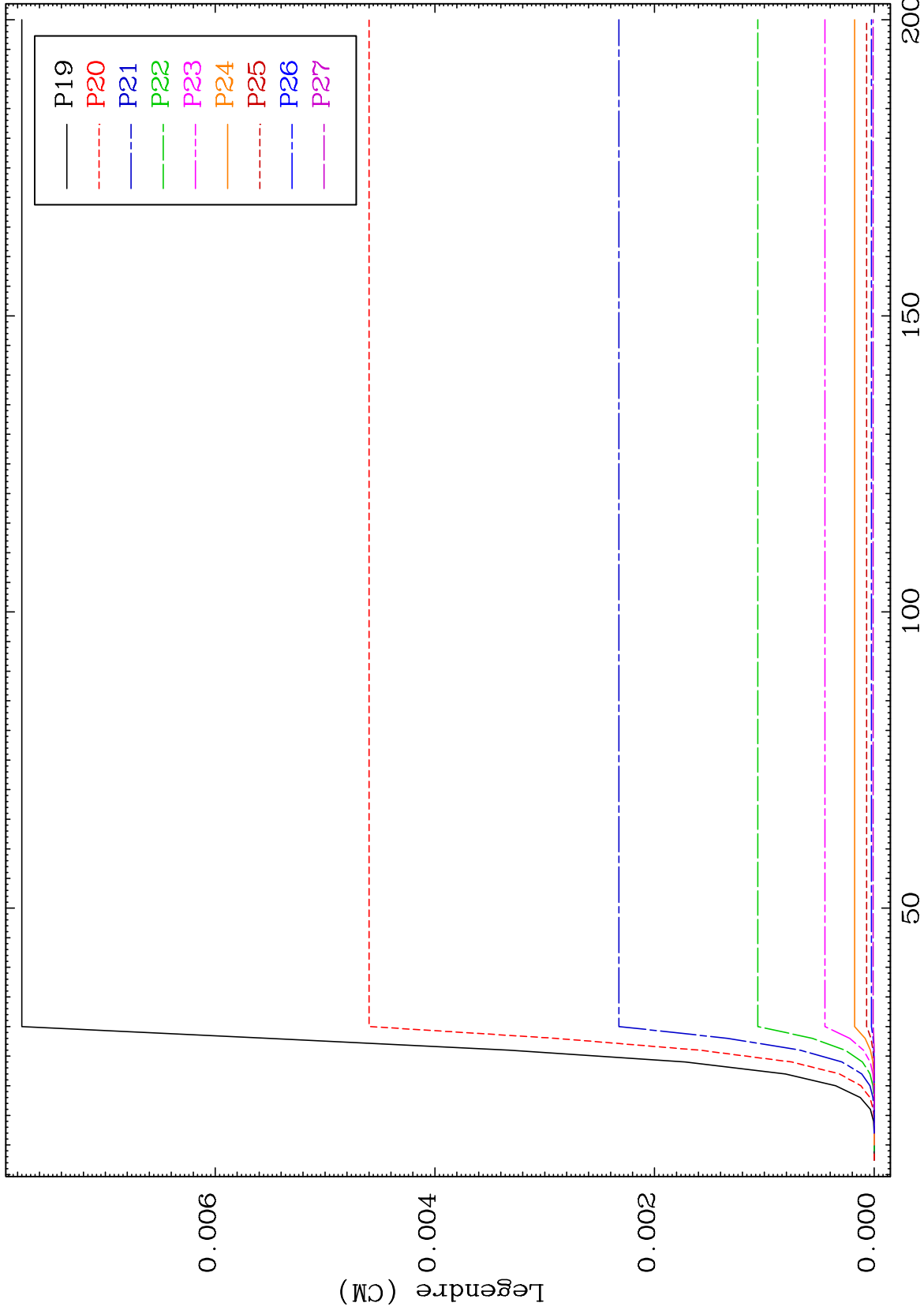
Incident Energy (MeV)

51-Sb-129

MAT 5149

1.762 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



49

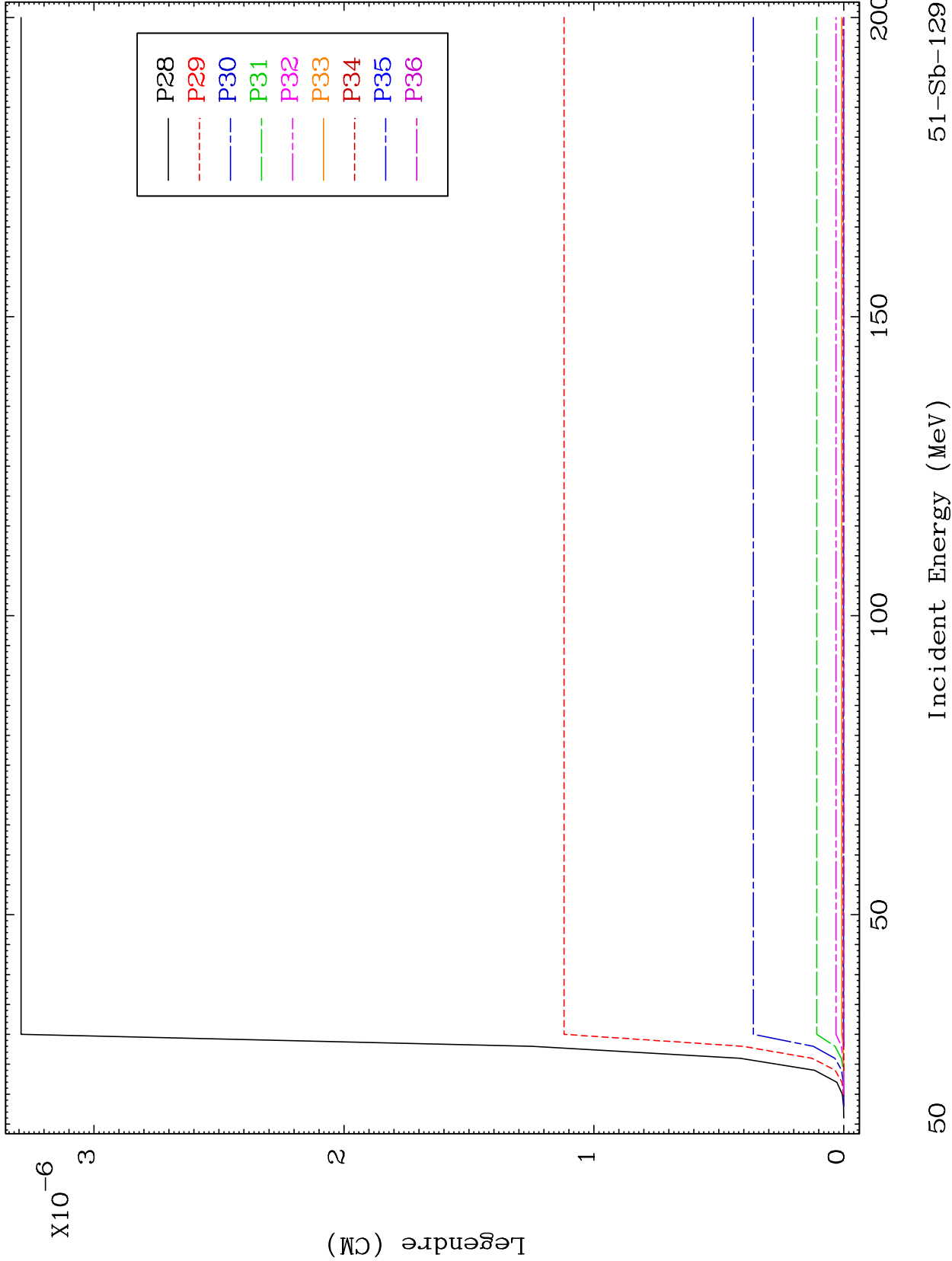
Incident Energy (MeV)

51-Sb-129

MAT 5149

1.762 MeV (n,n') Level
Legendre Coefficients

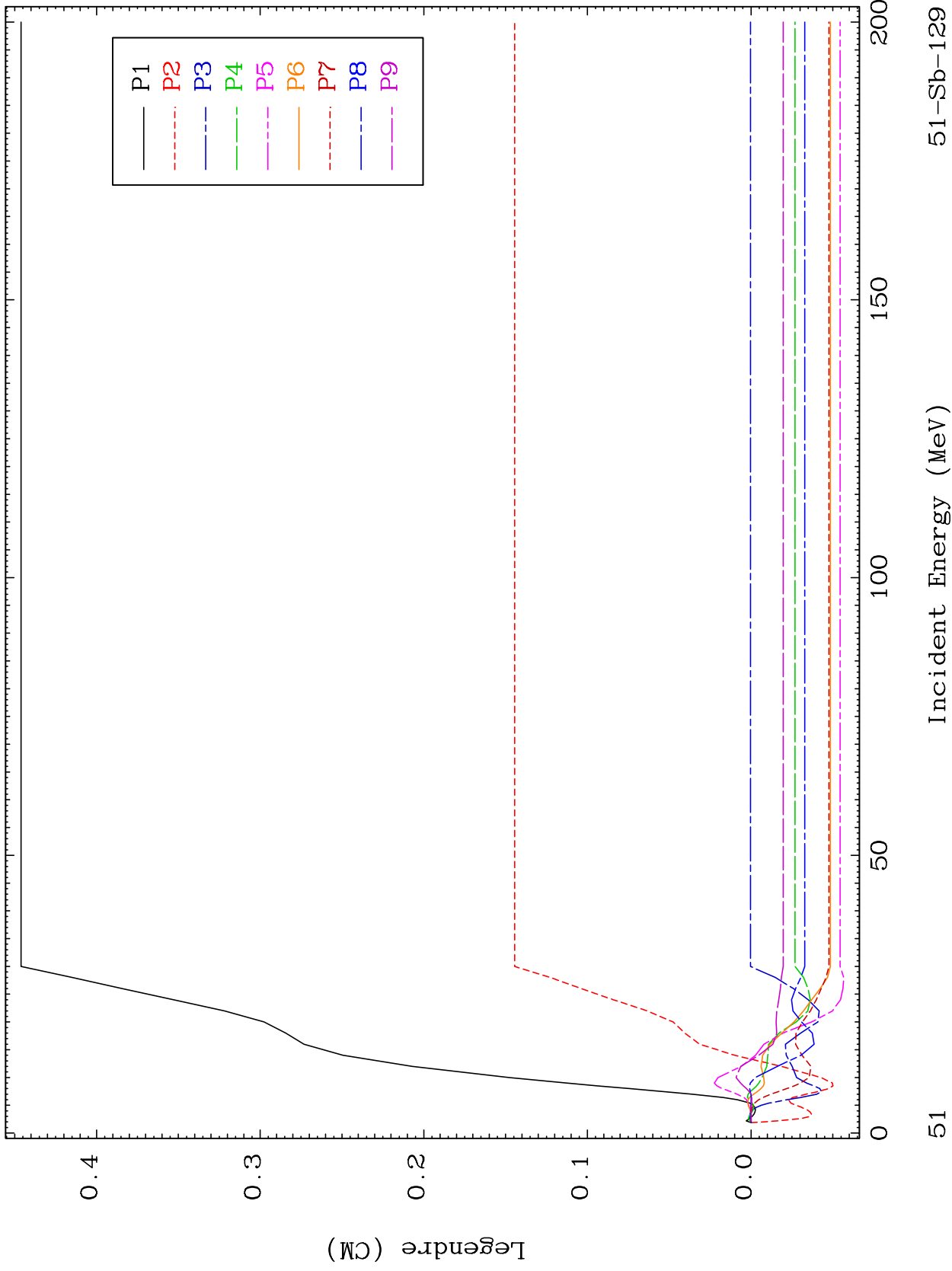
51-Sb-129



MAT 5149

1.842 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



51

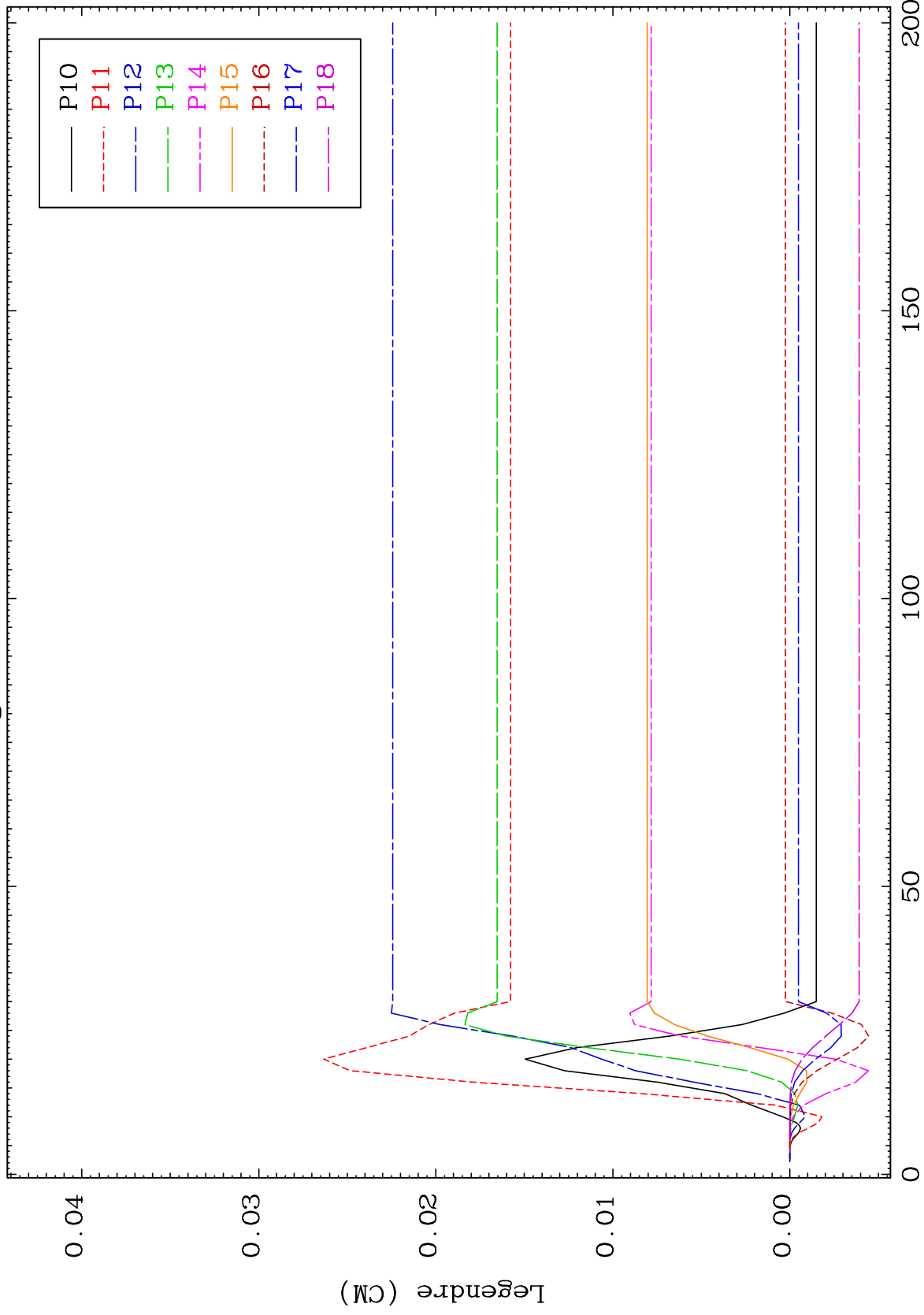
Incident Energy (MeV)

51-Sb-129

MAT 5149

1.842 MeV (n,n') Level
Legendre Coefficients

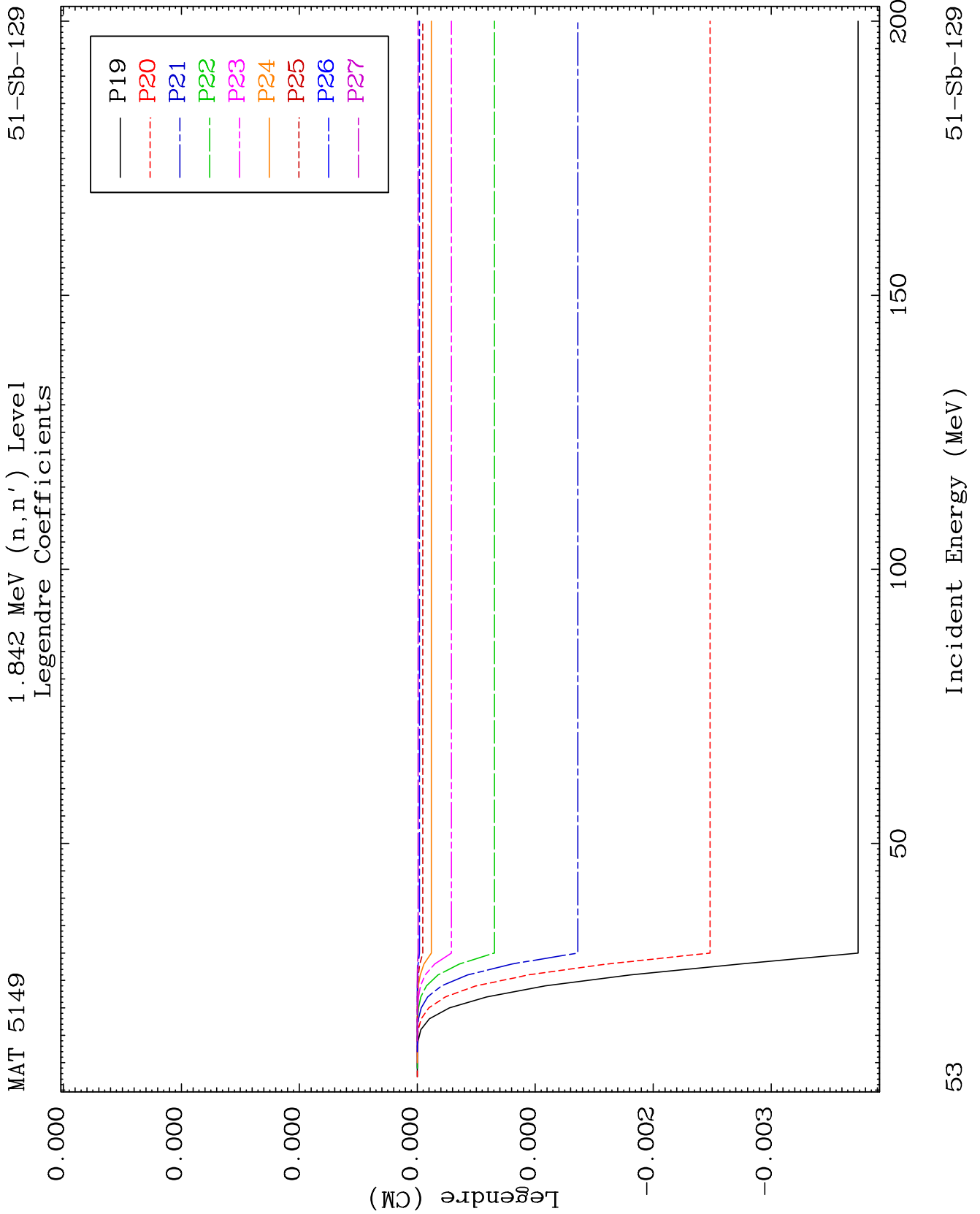
51-Sb-129

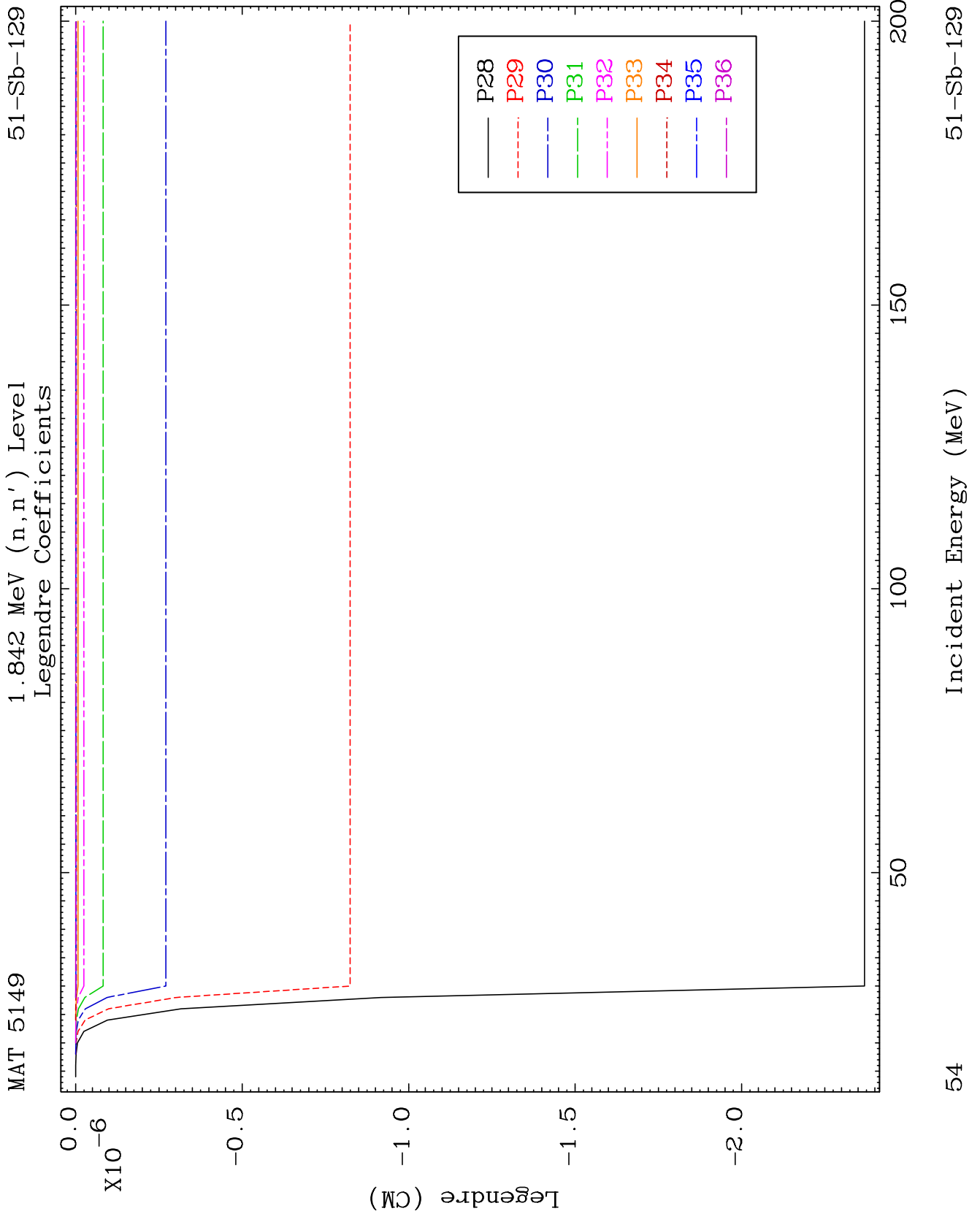


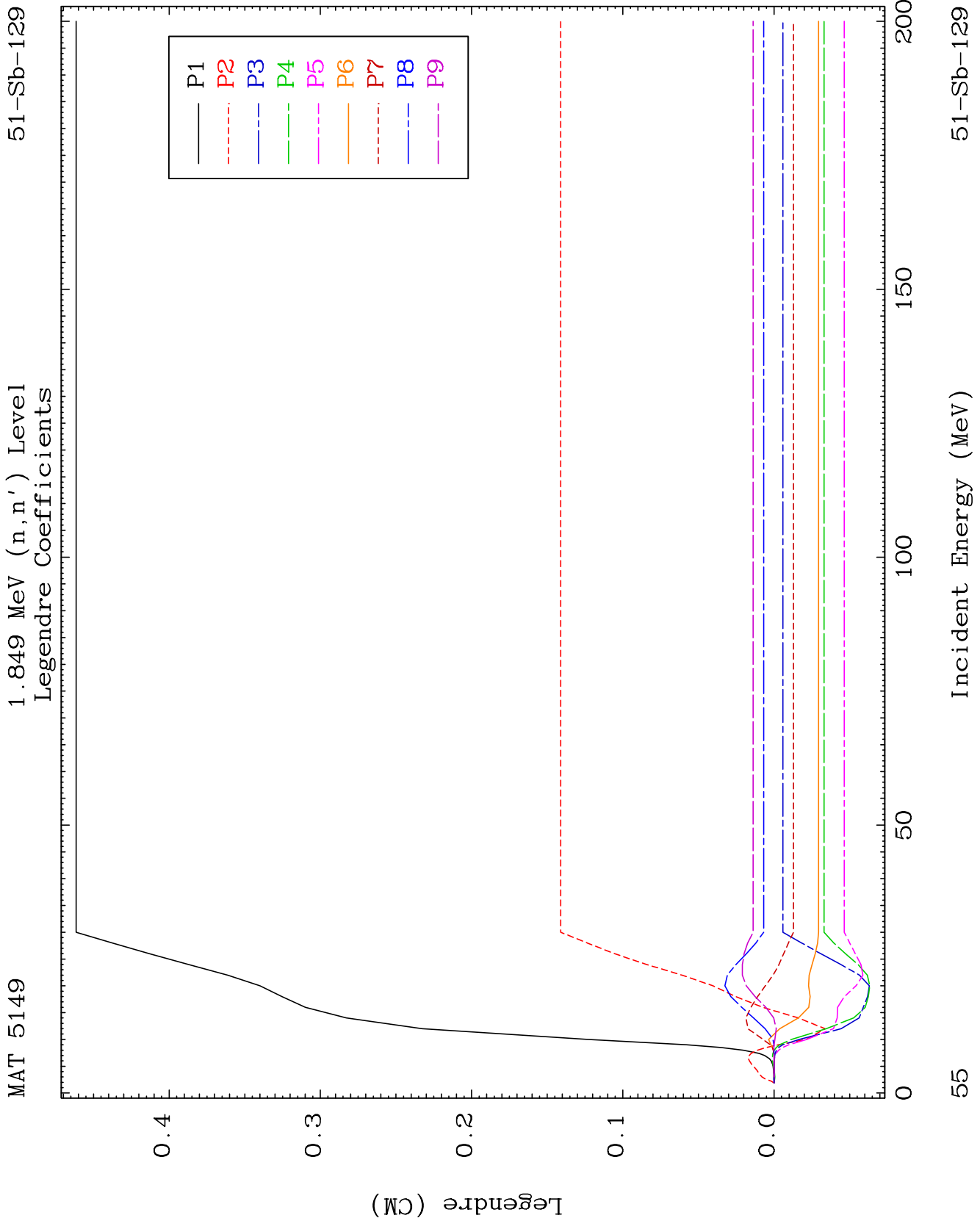
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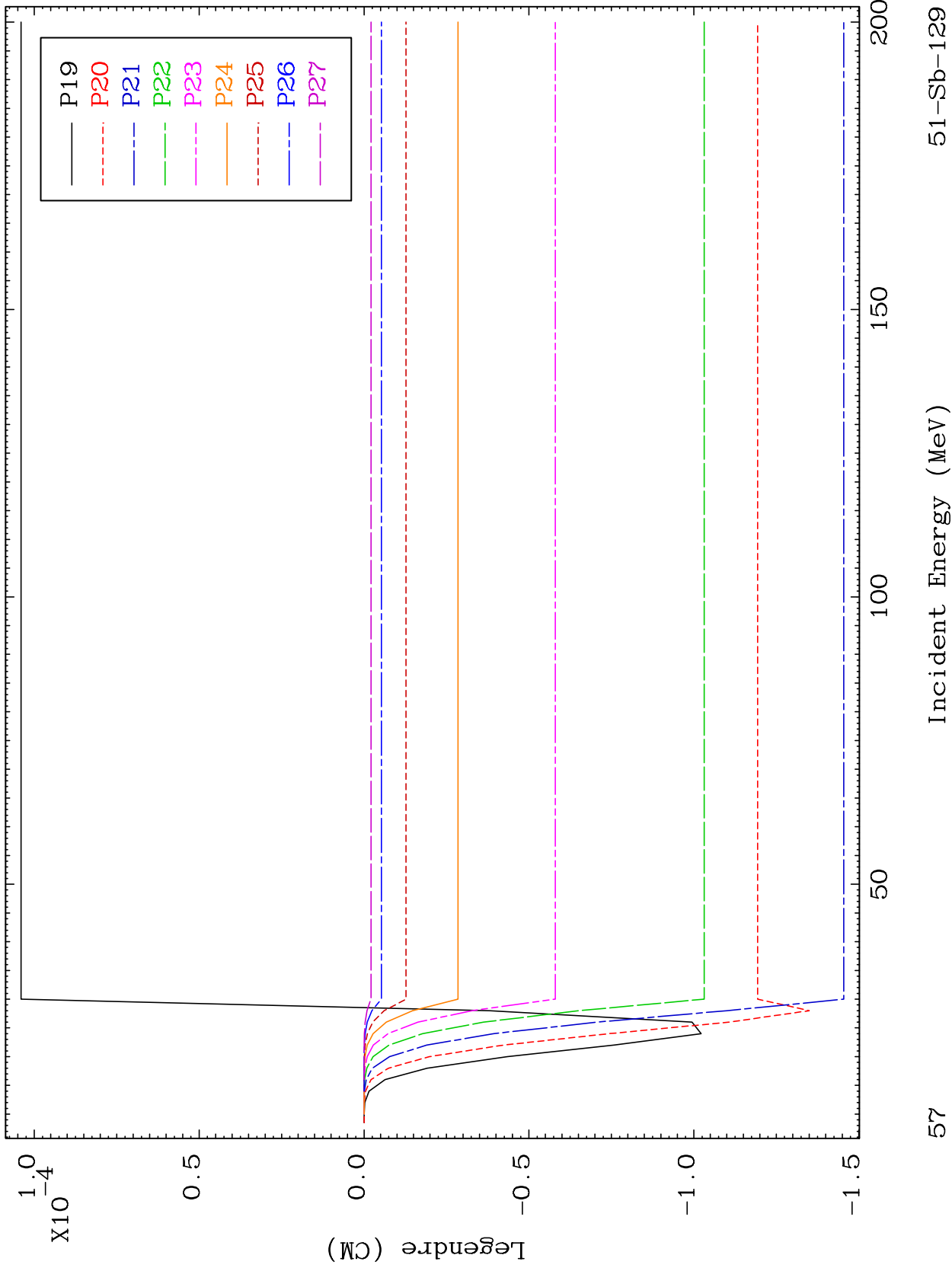
Incident Energy (MeV)

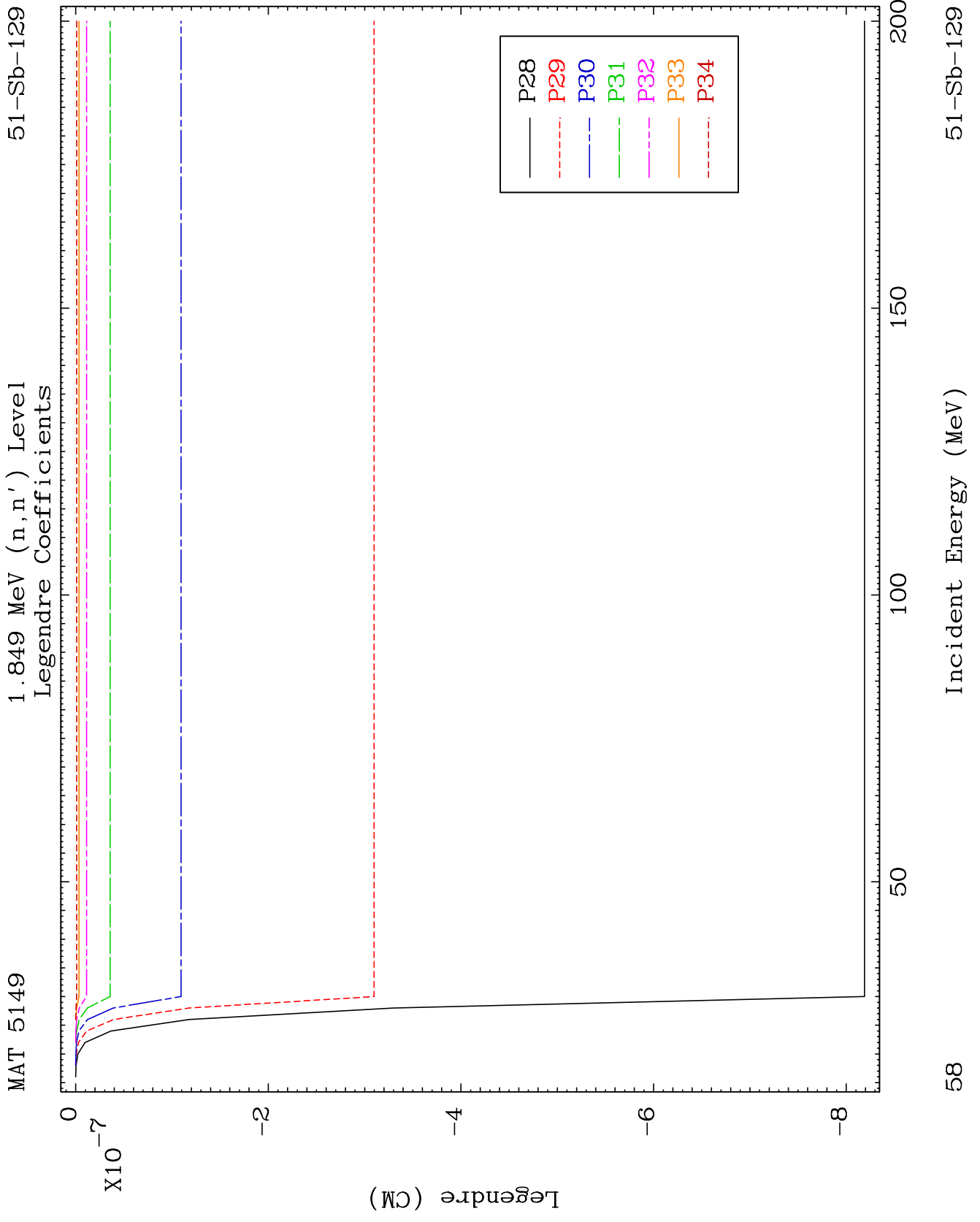
51-Sb-129

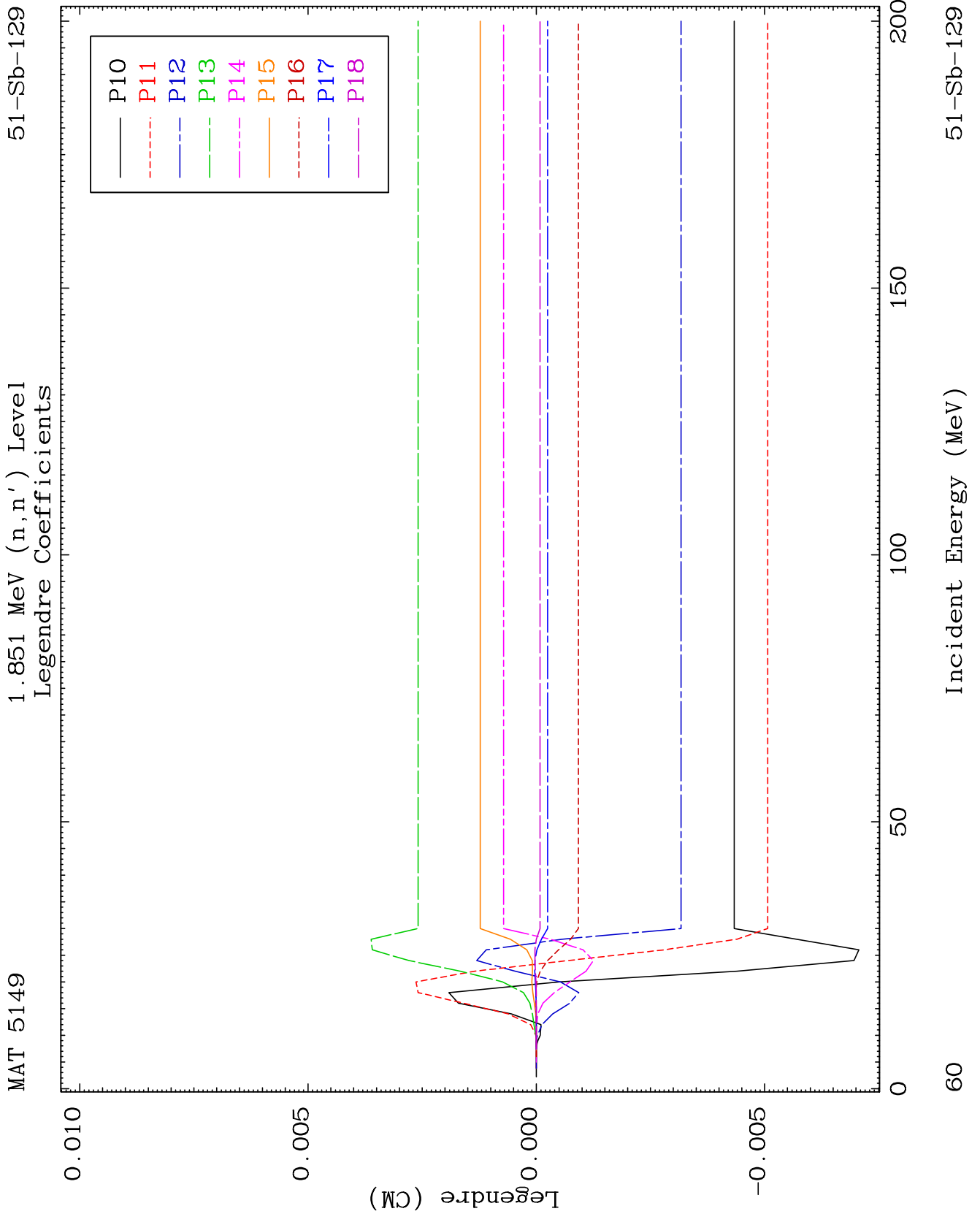


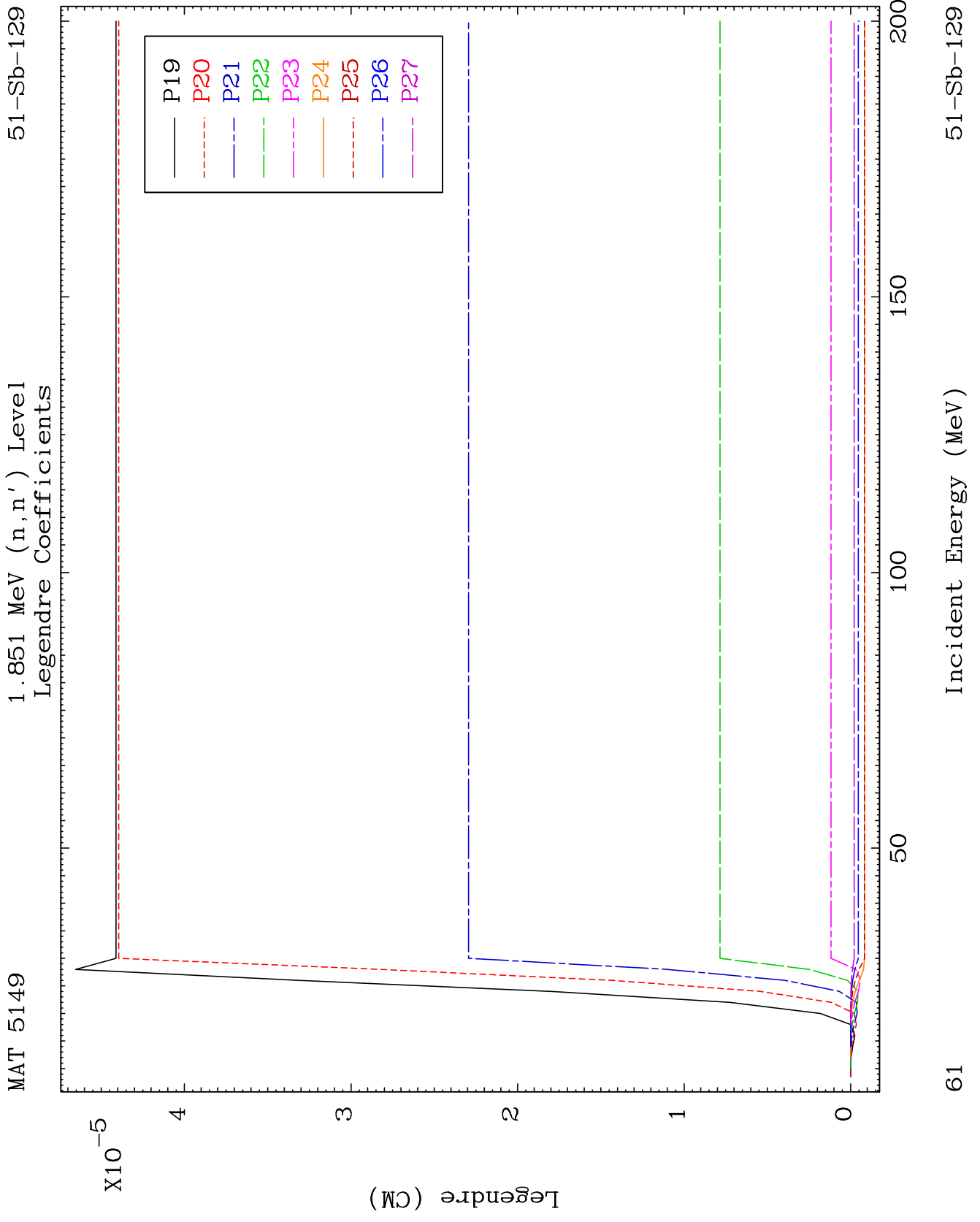


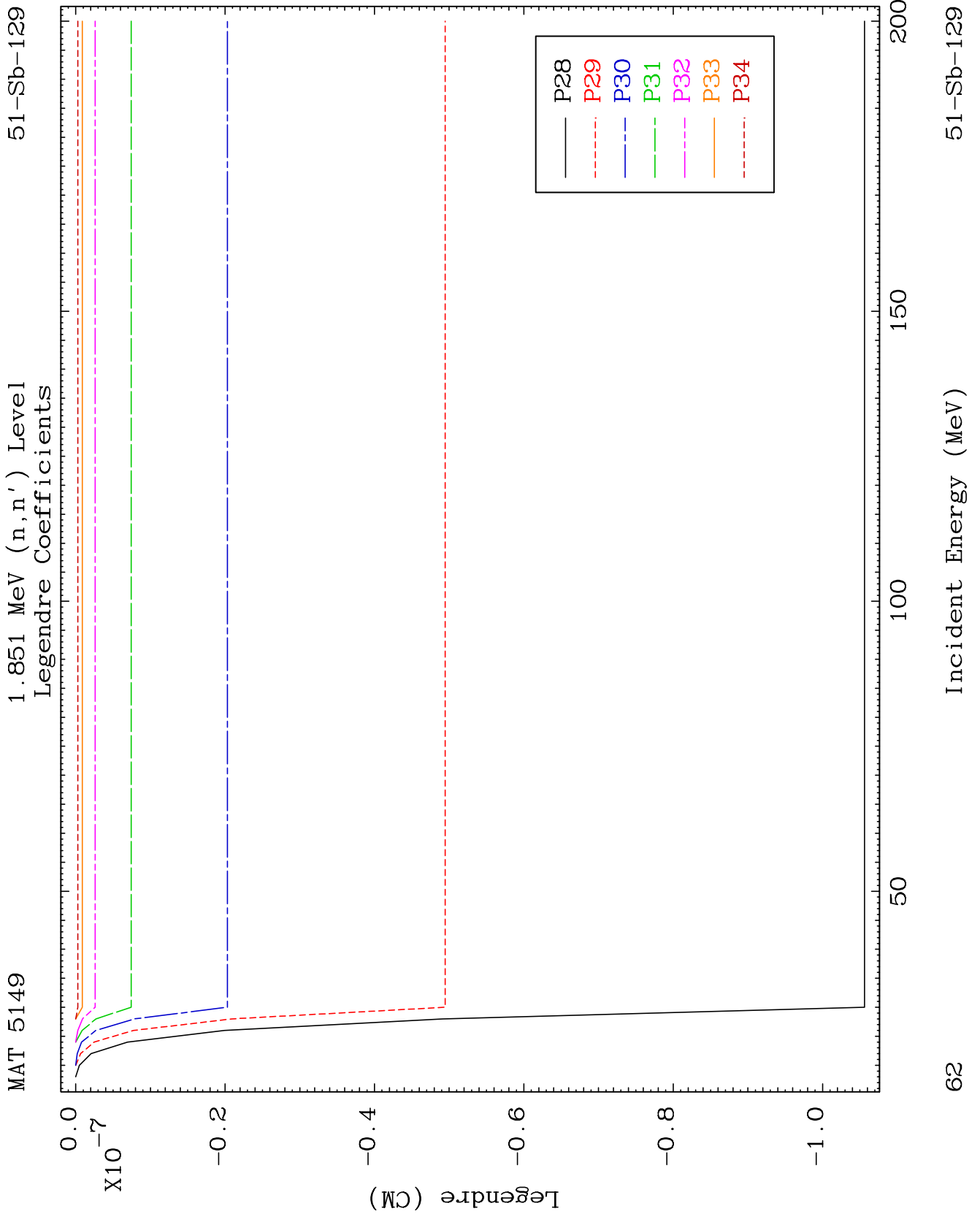


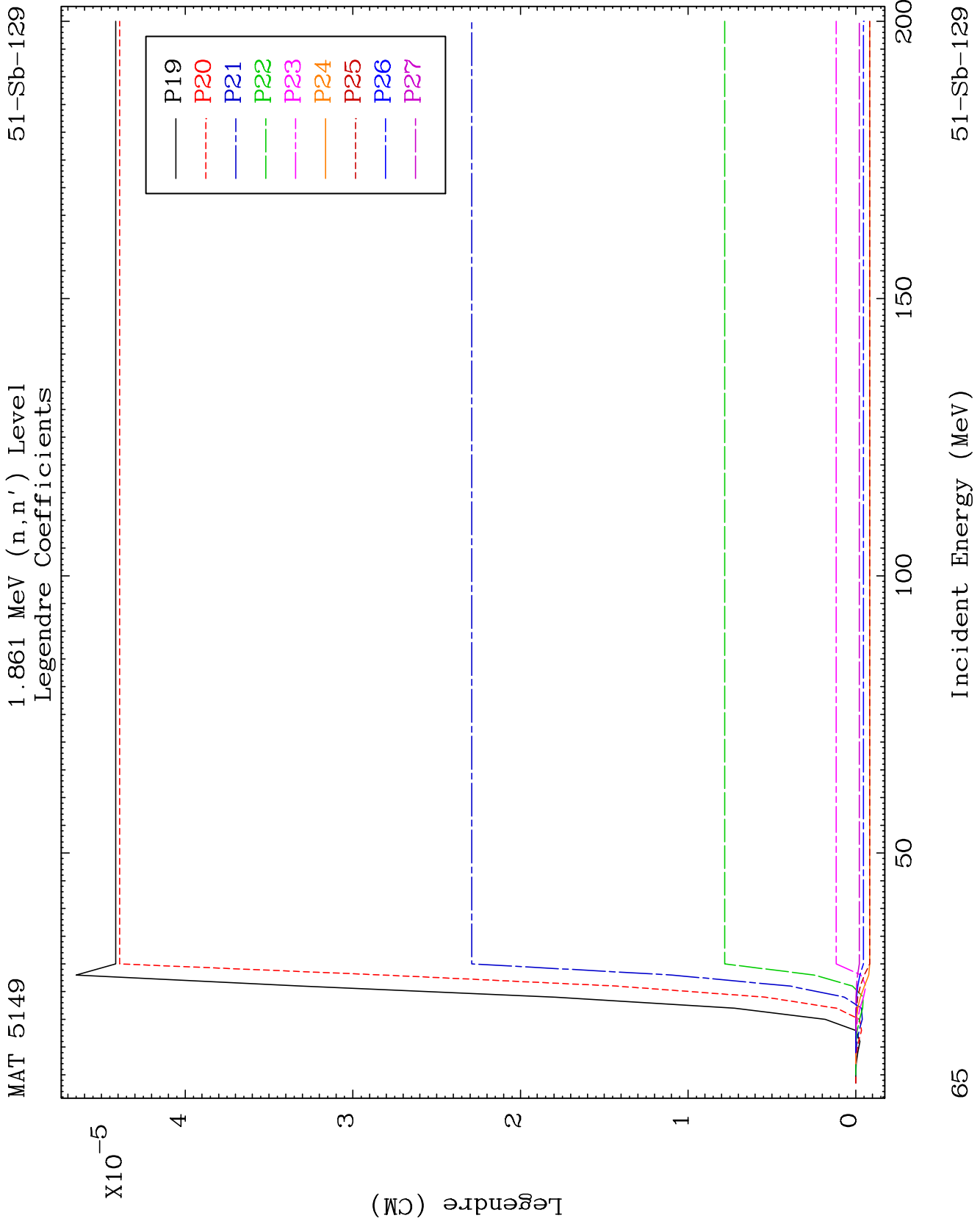


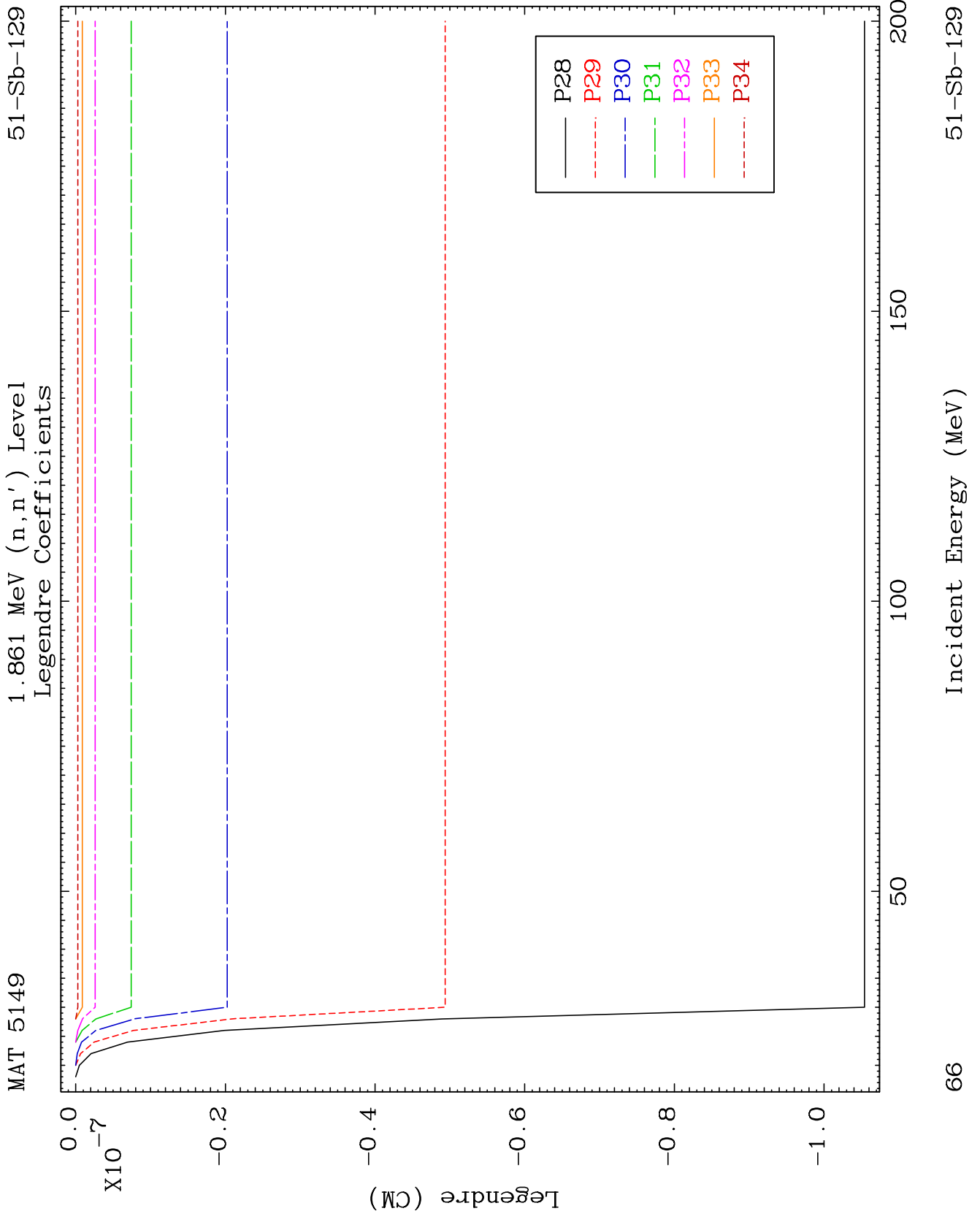








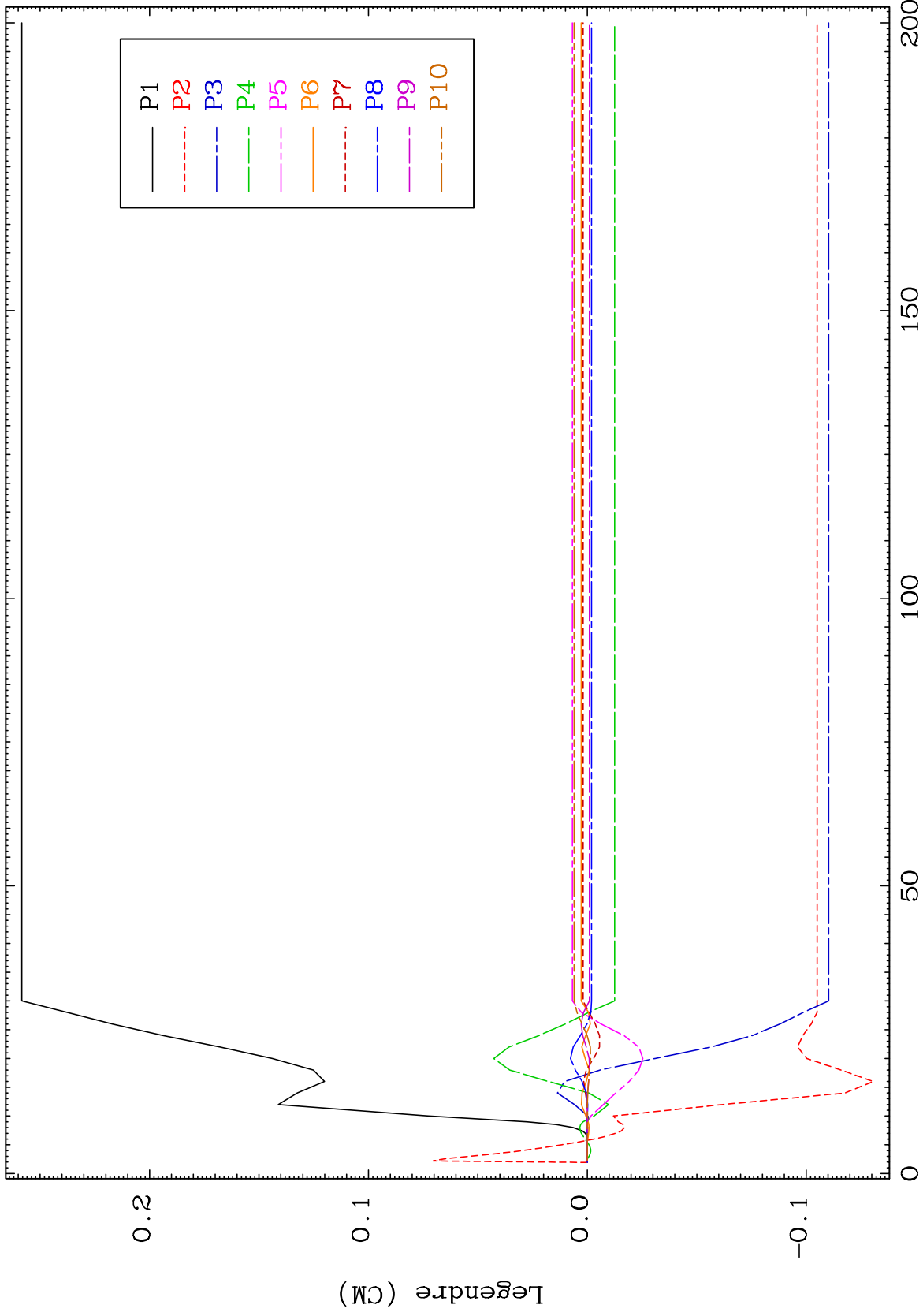




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1.911 MeV (n,n') Level
Legendre Coefficients

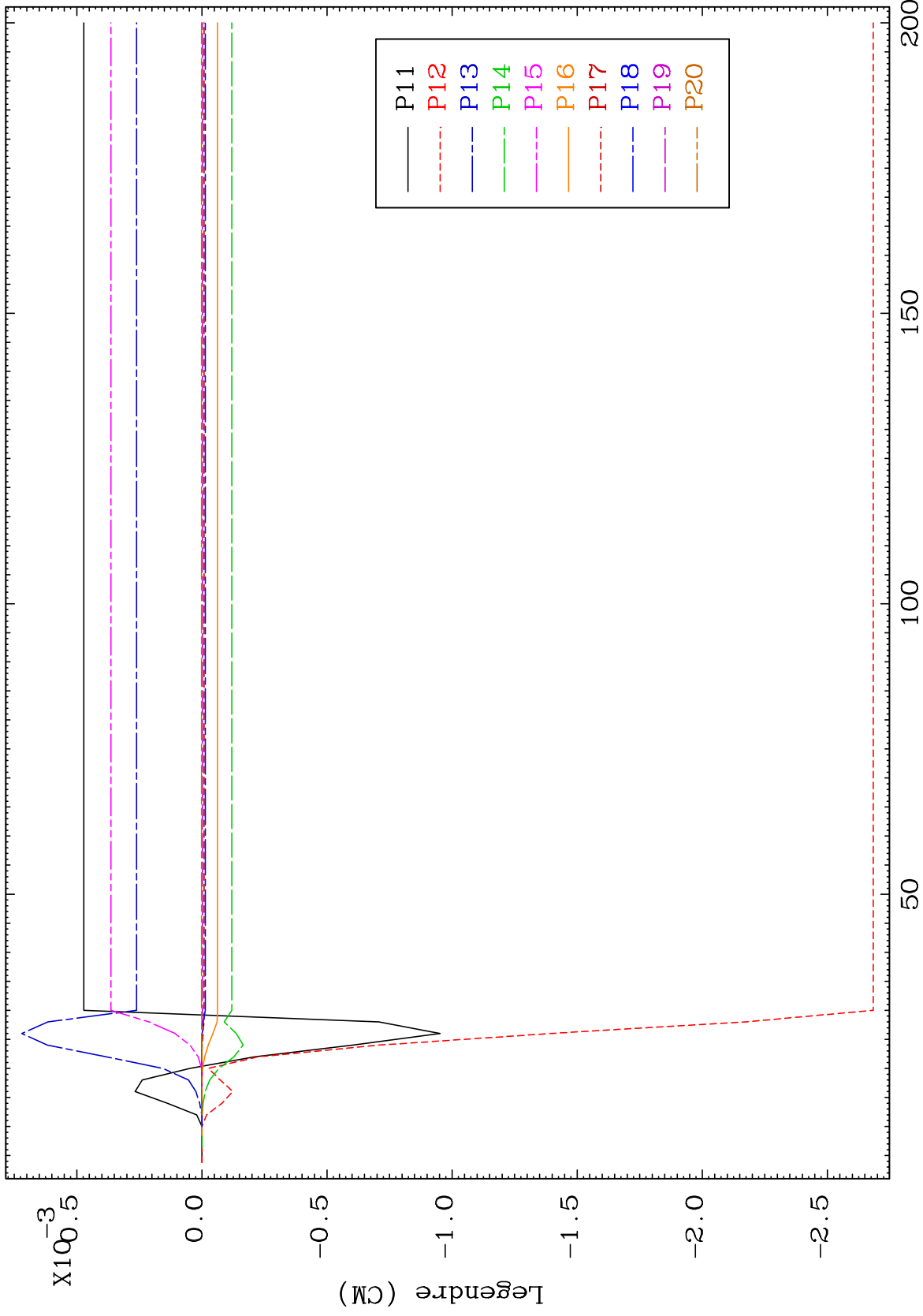
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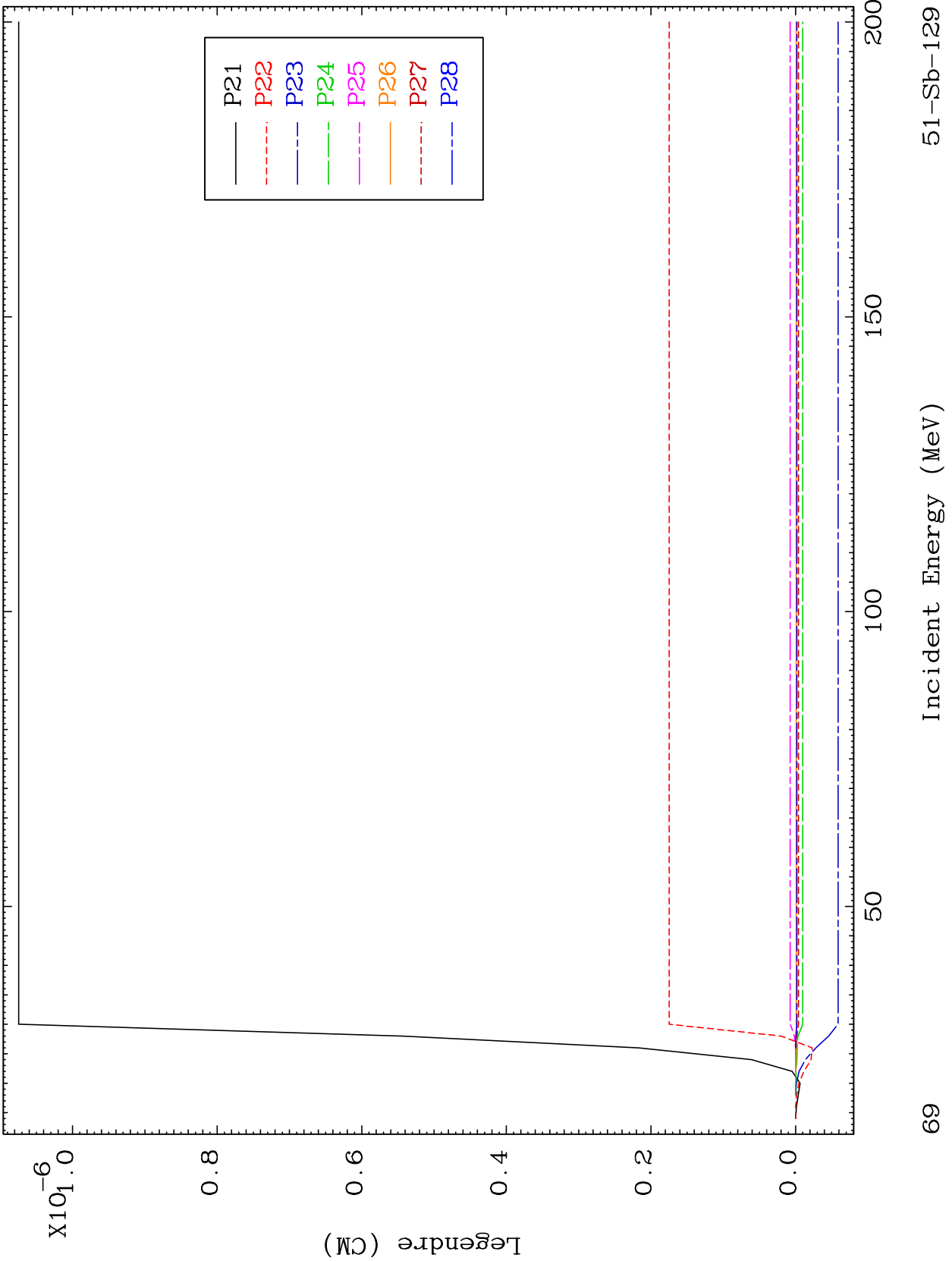


67

Incident Energy (MeV)

51-Sb-129

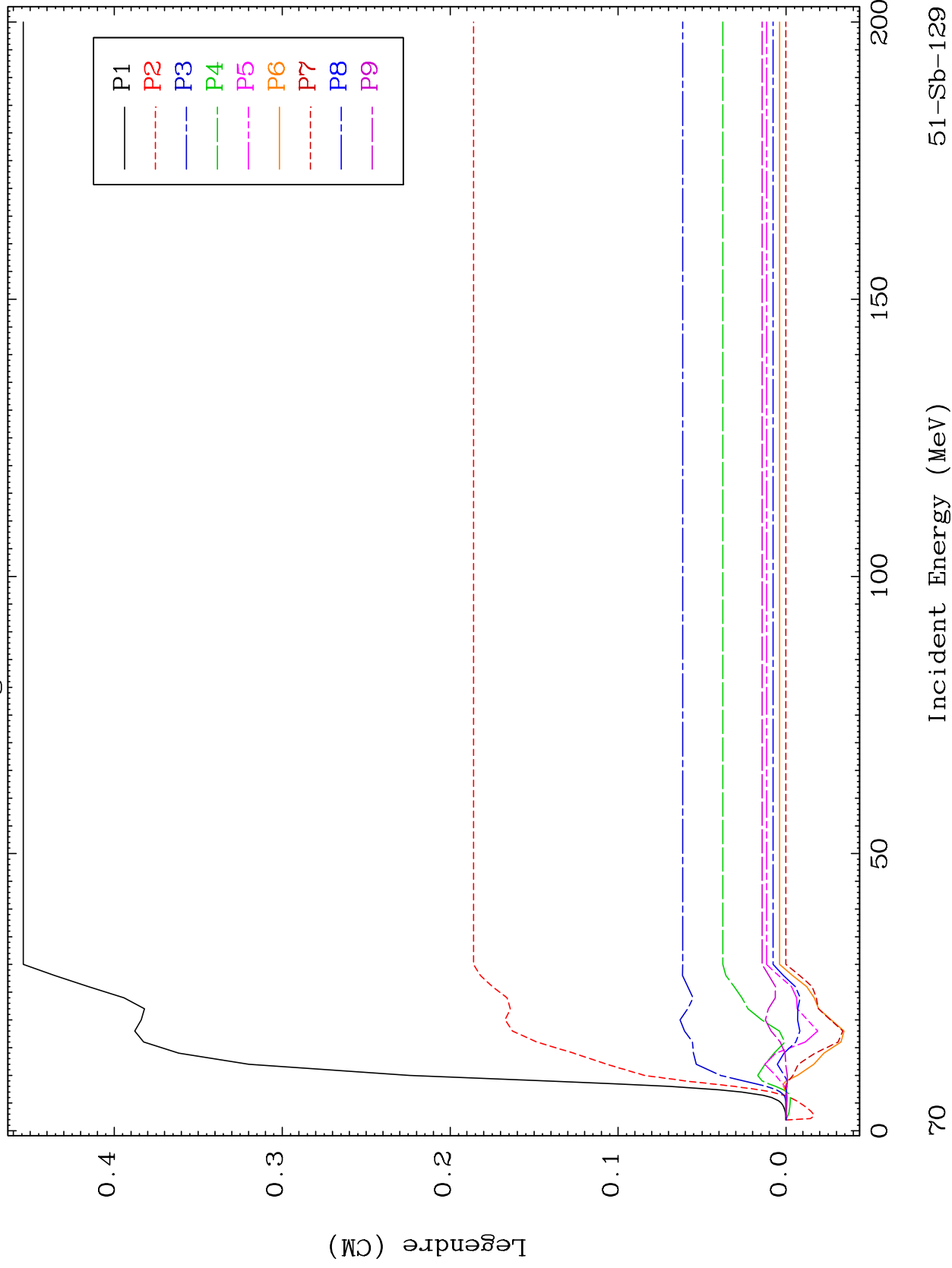




MAT 5149

1.914 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



51-Sb-129

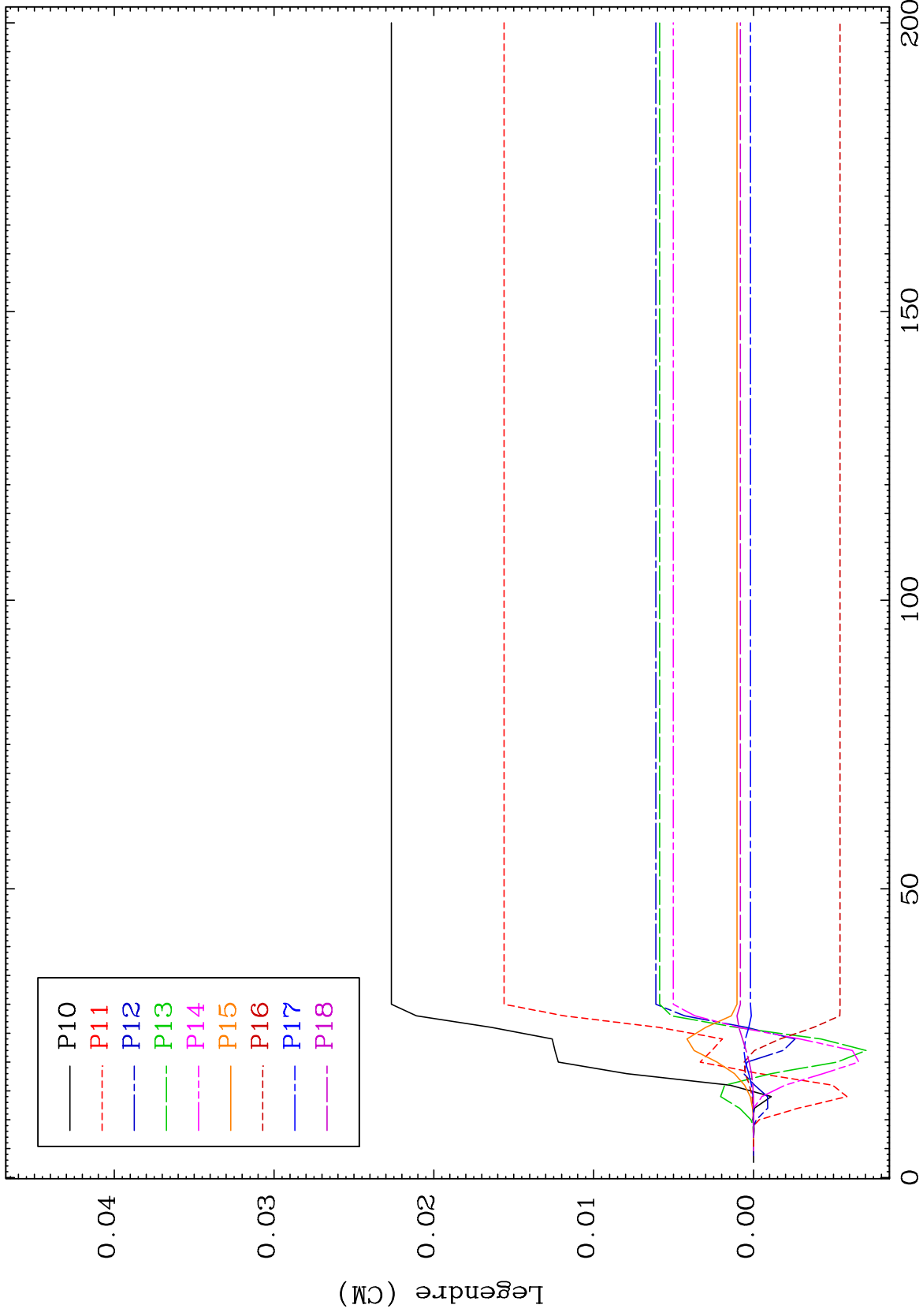
Incident Energy (MeV)

70

MAT 5149

1.914 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



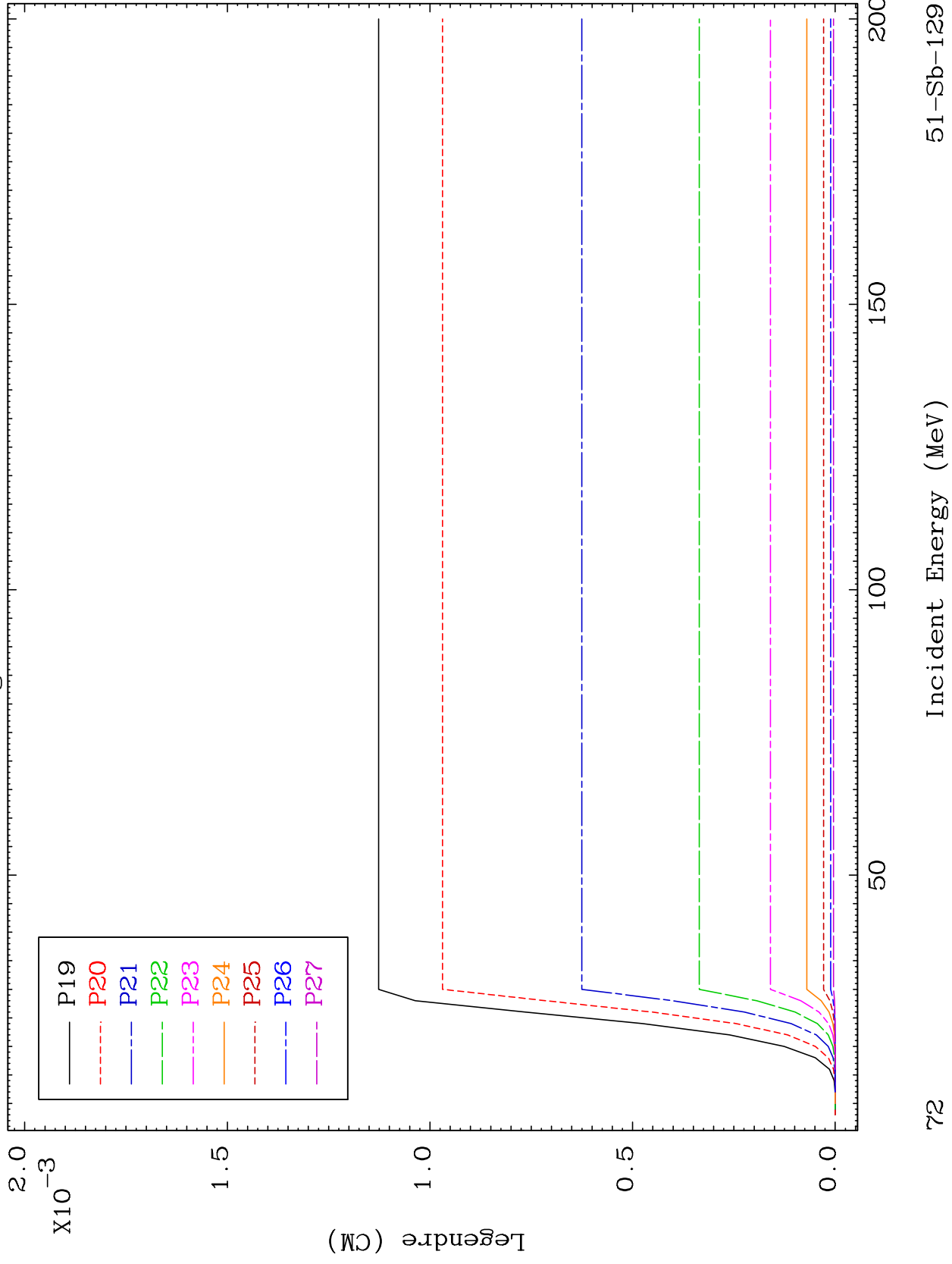
71

51-Sb-129

MAT 5149

1.914 MeV (n,n') Level
Legendre Coefficients

51-Sb-129

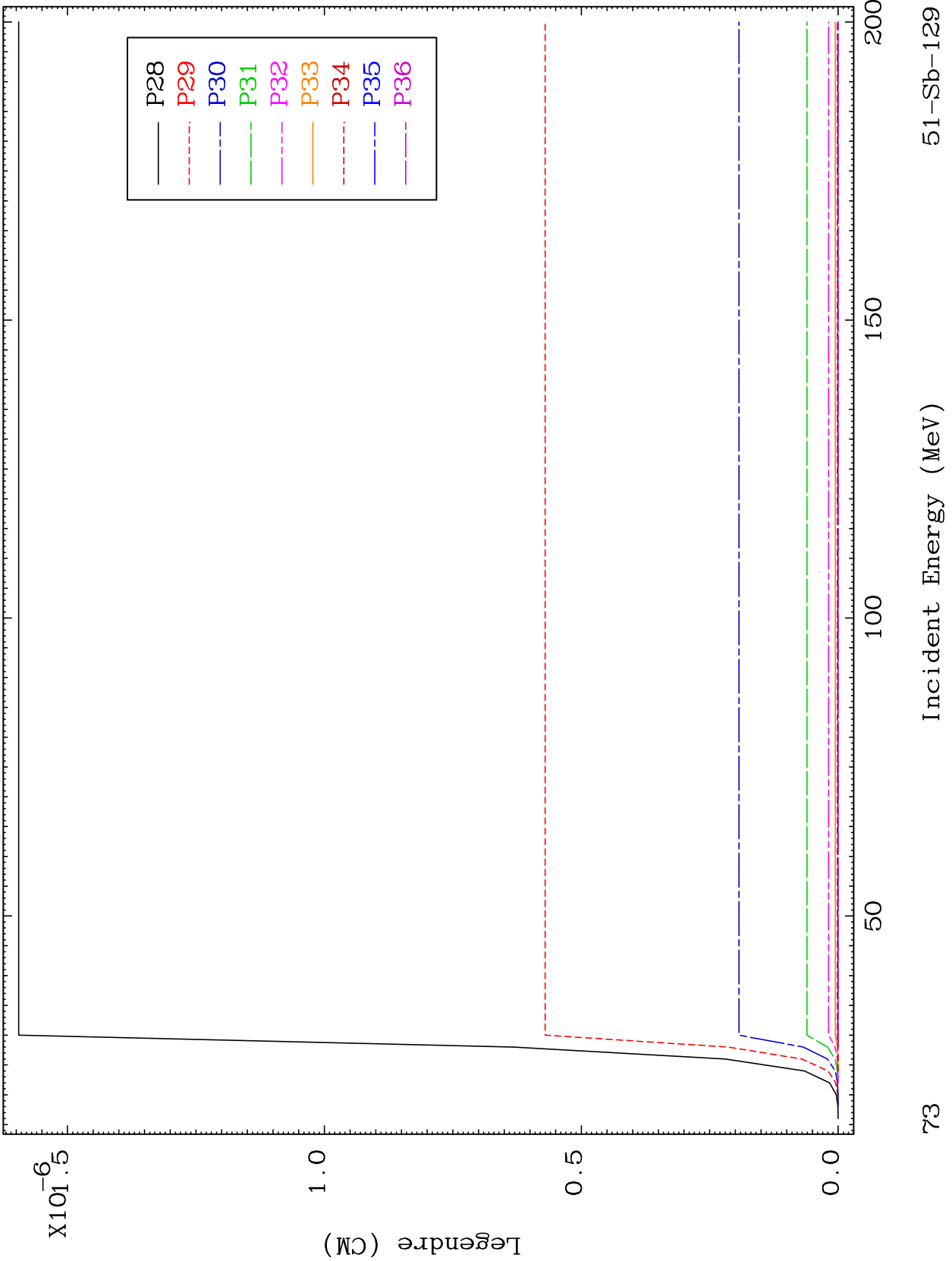


72

MAT 5149

1.914 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



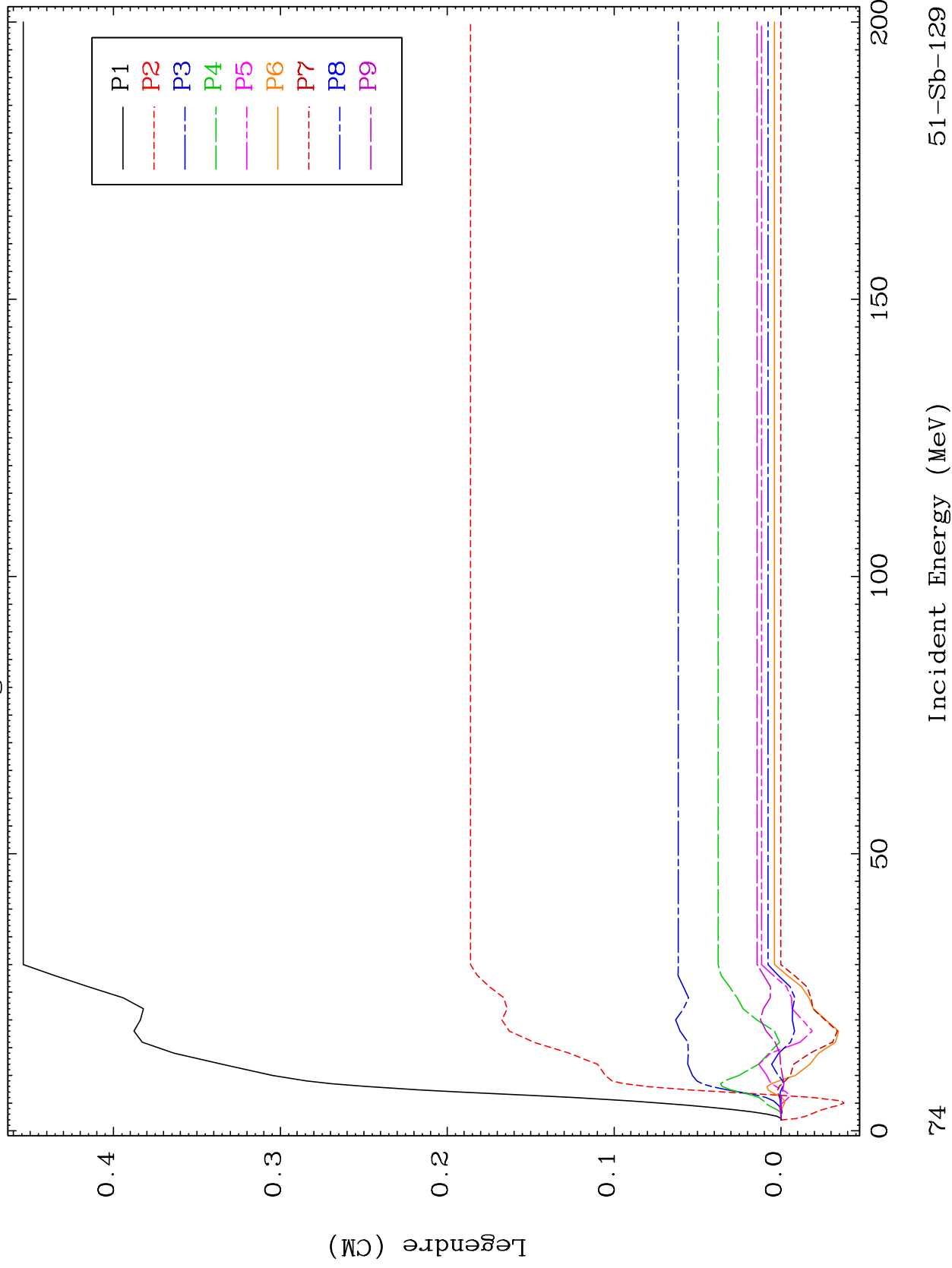
51-Sb-129

73

MAT 5149

1.922 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



51-Sb-129

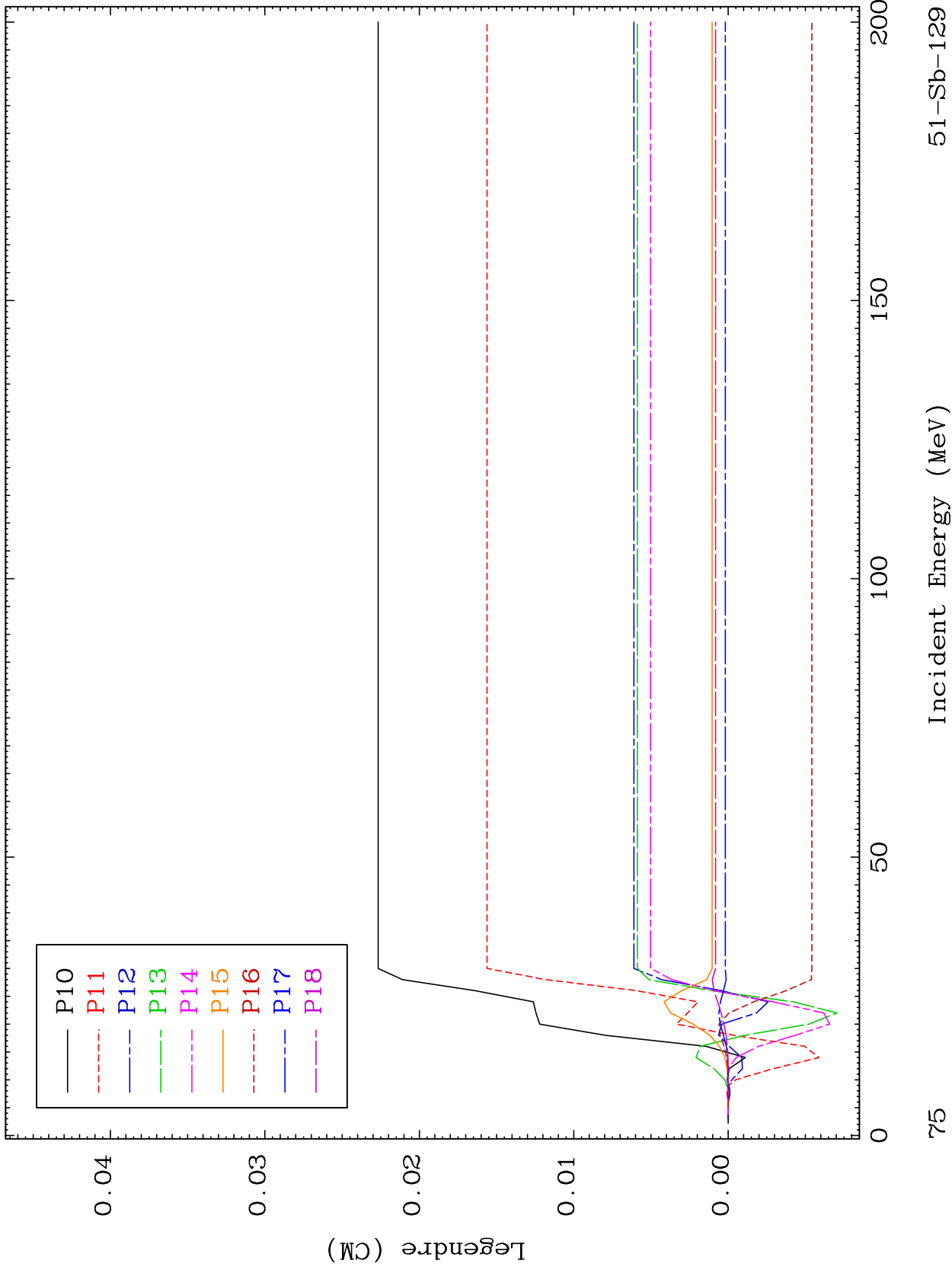
Incident Energy (MeV)

74

MAT 5149

1.922 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



51-Sb-129

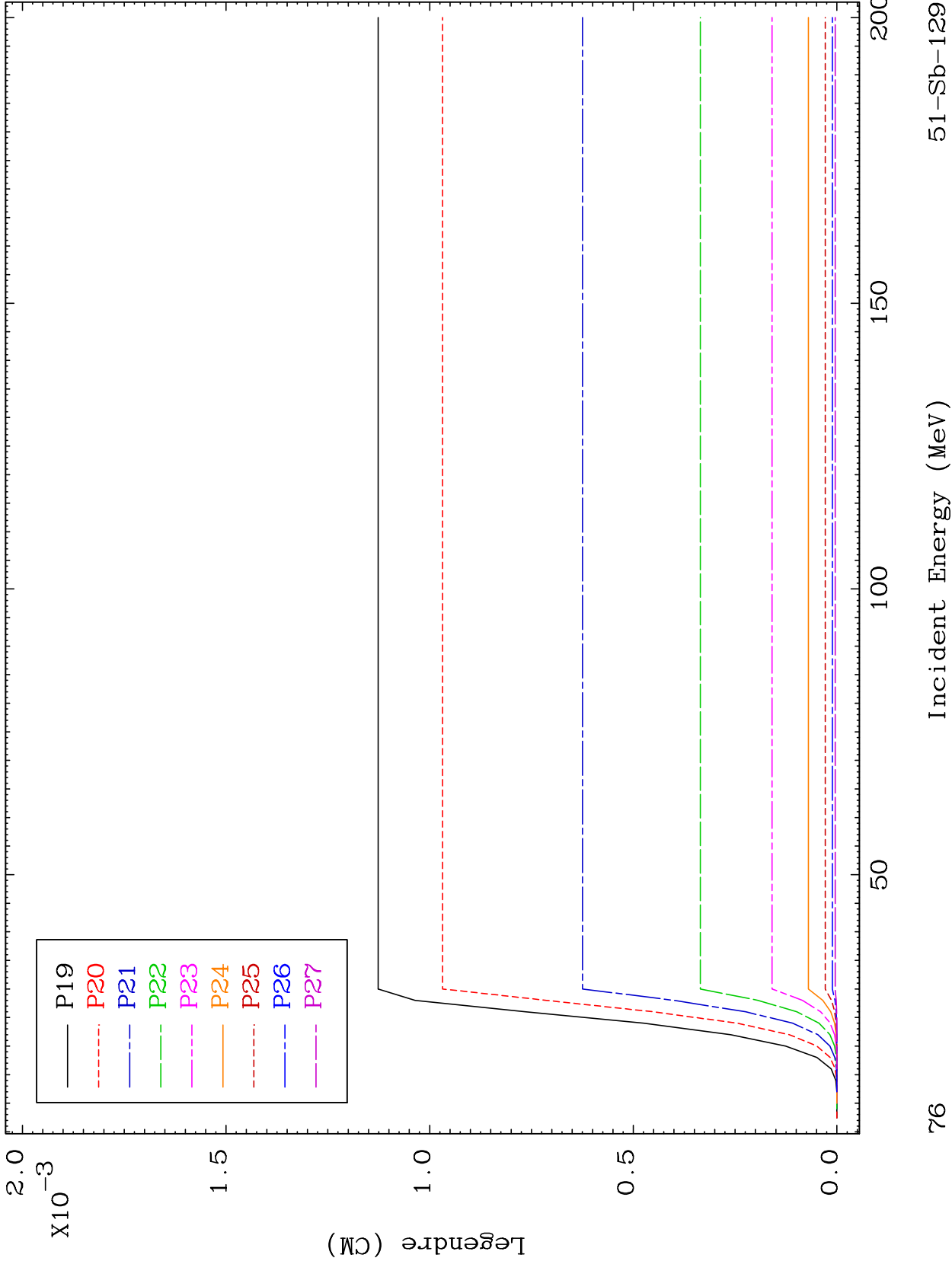
Incident Energy (MeV)

75

MAT 5149

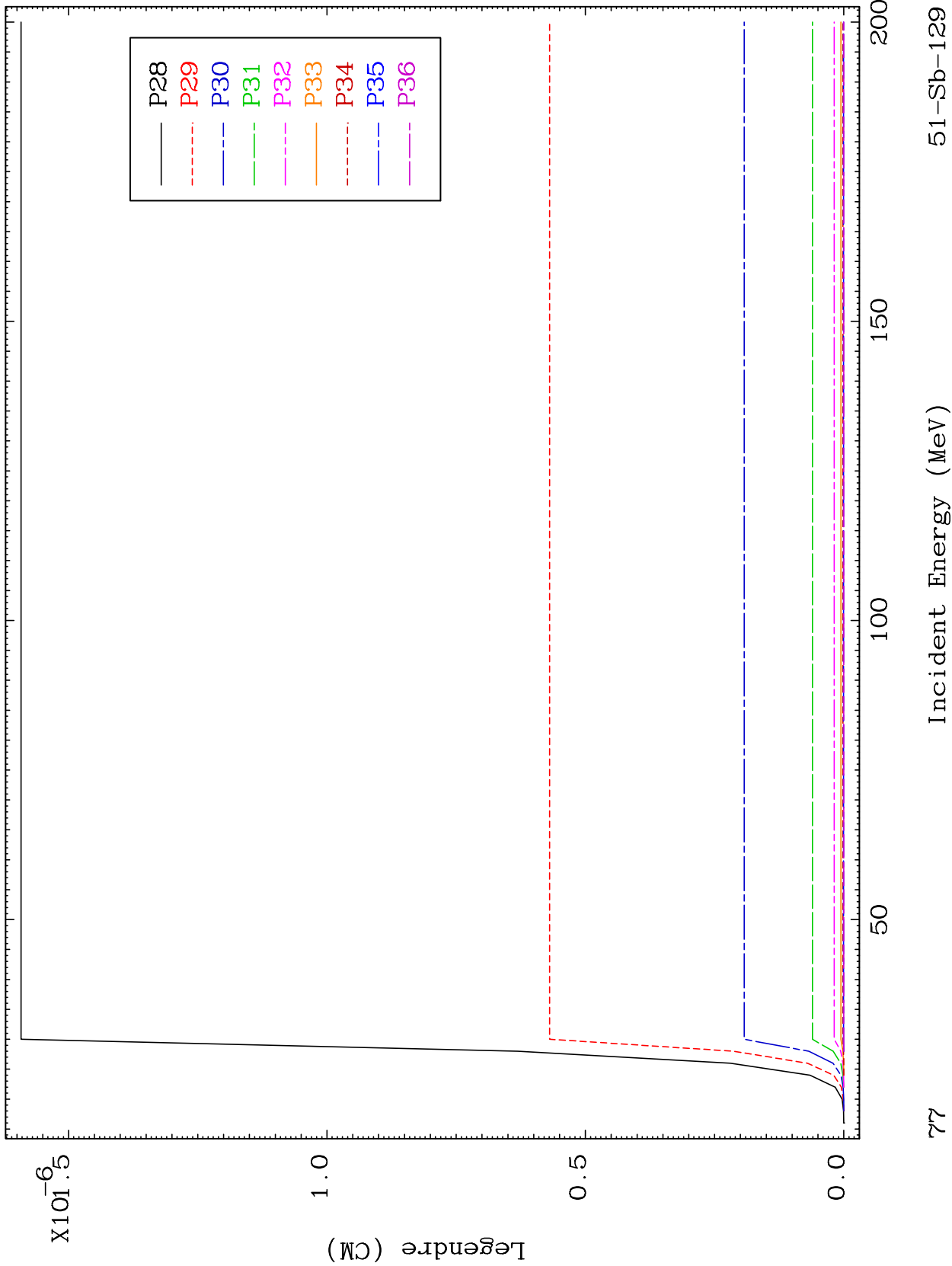
1.922 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



76

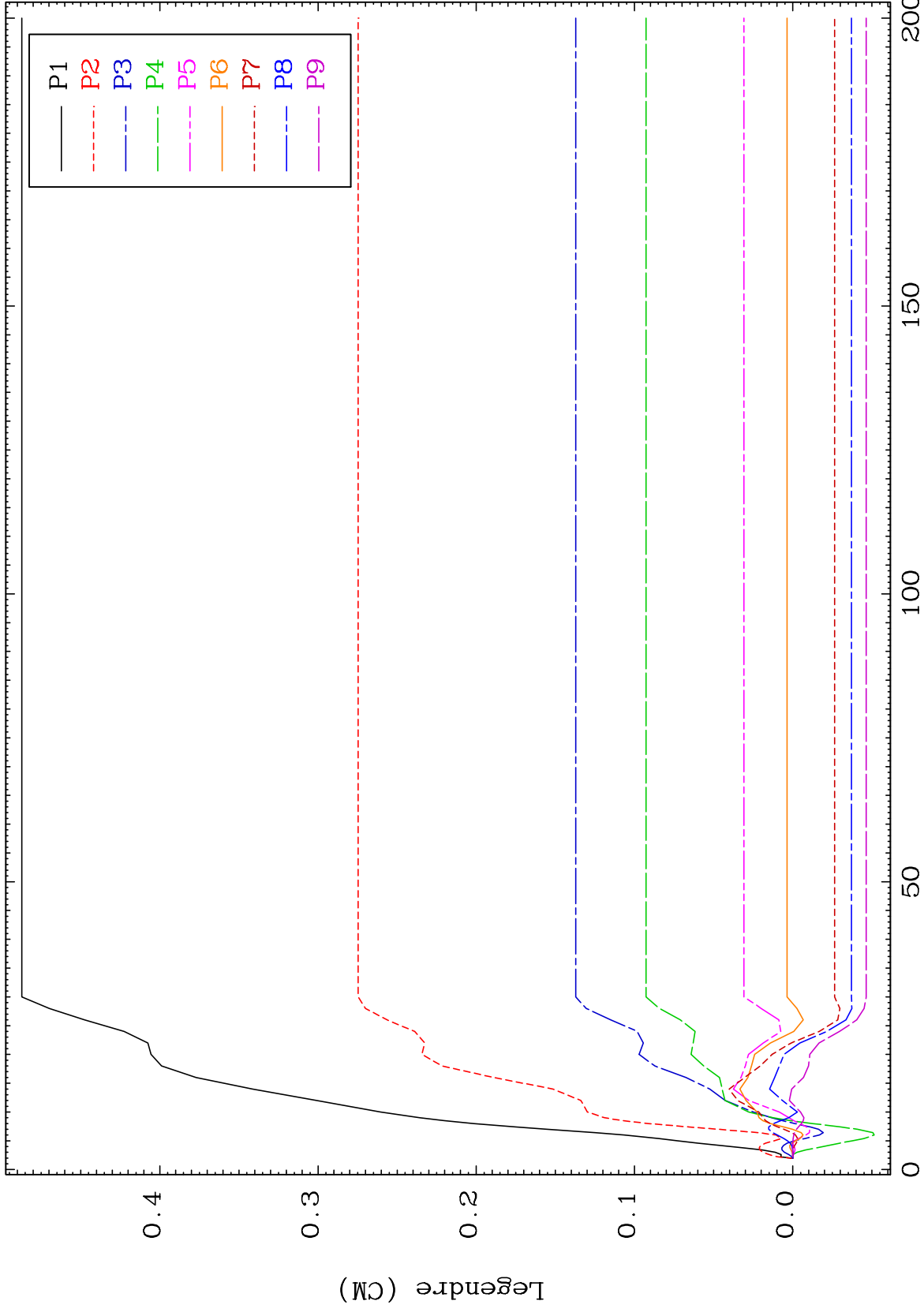
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MAT 5149

1.929 MeV (n,n') Level
Legendre Coefficients

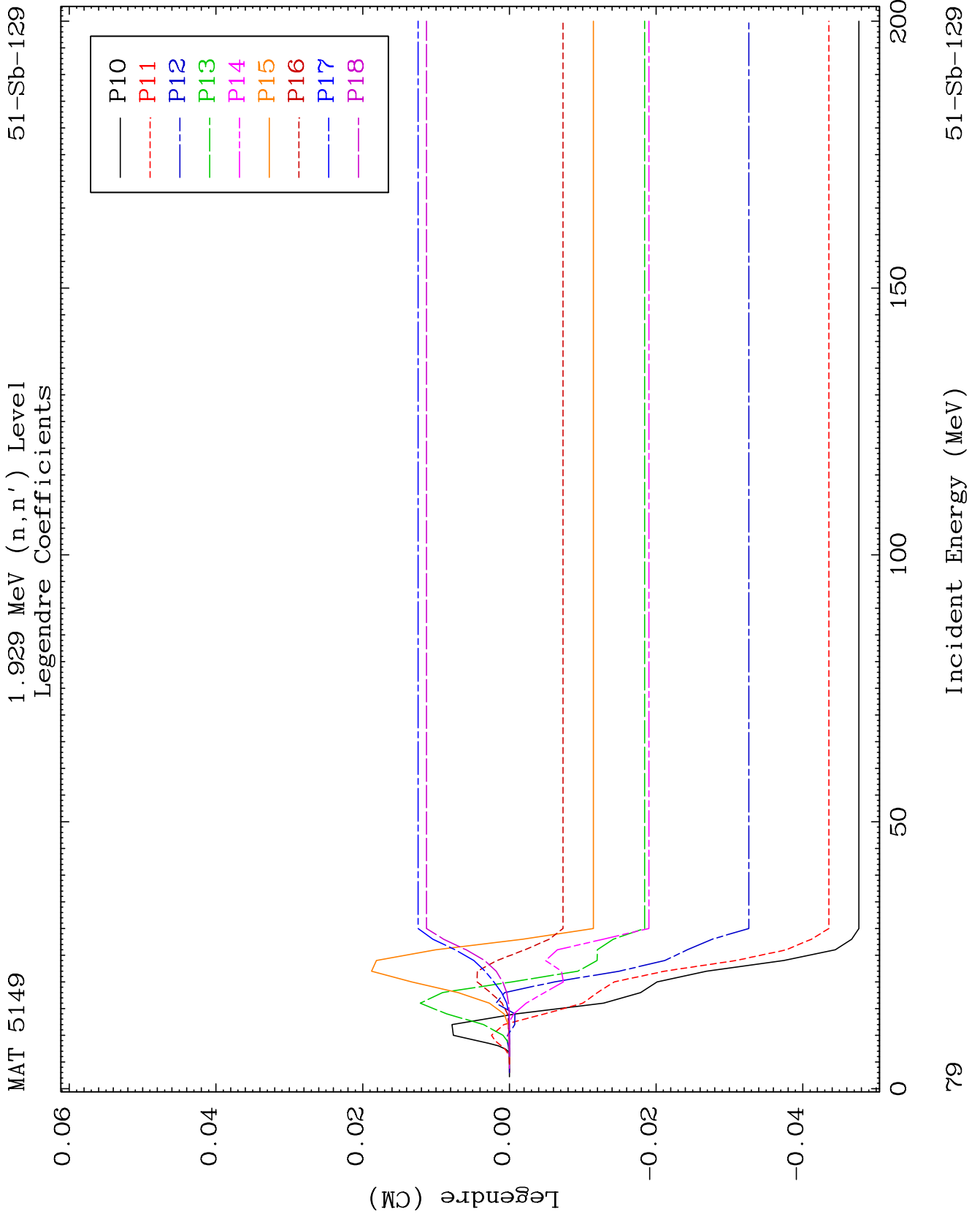
51-Sb-129

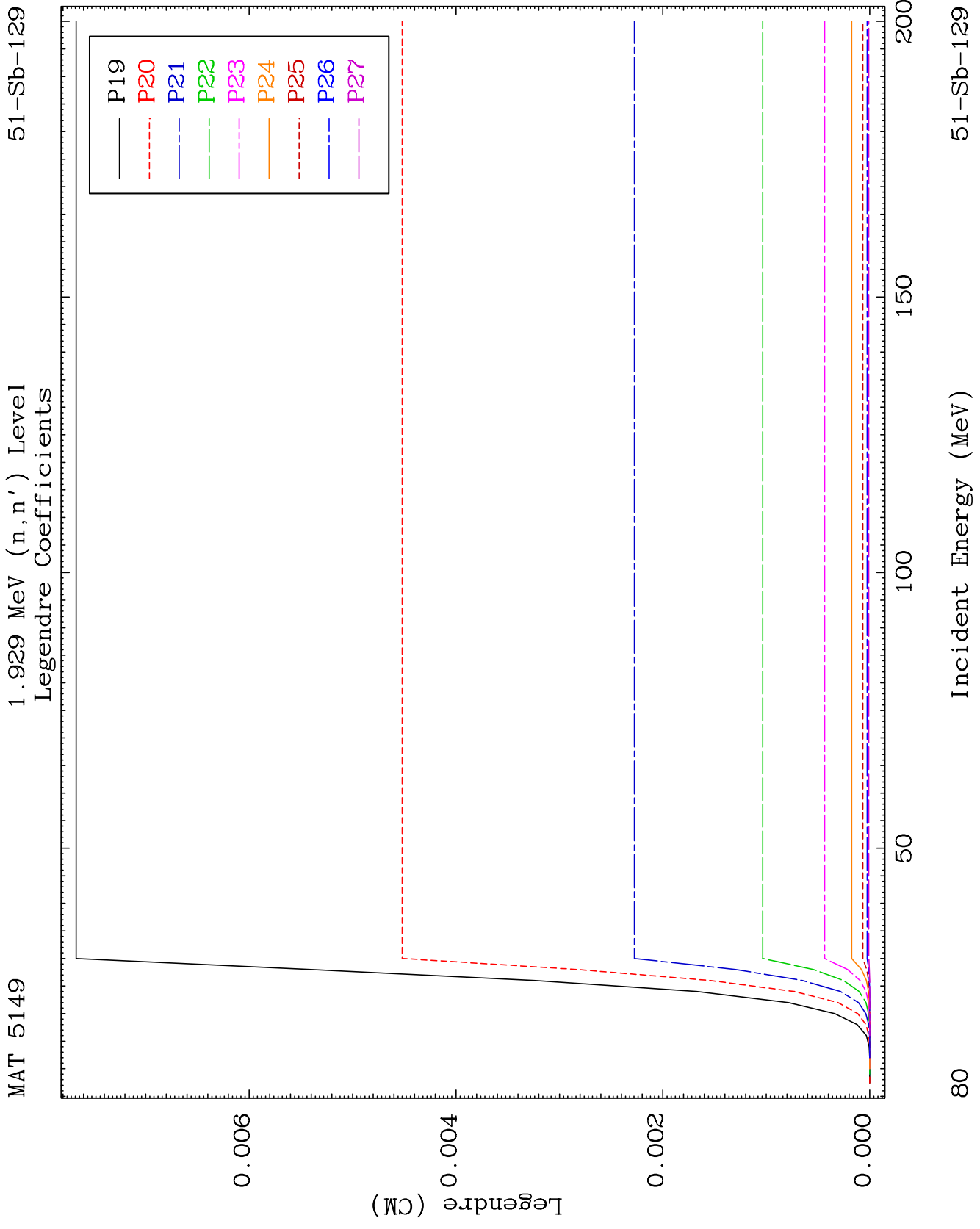


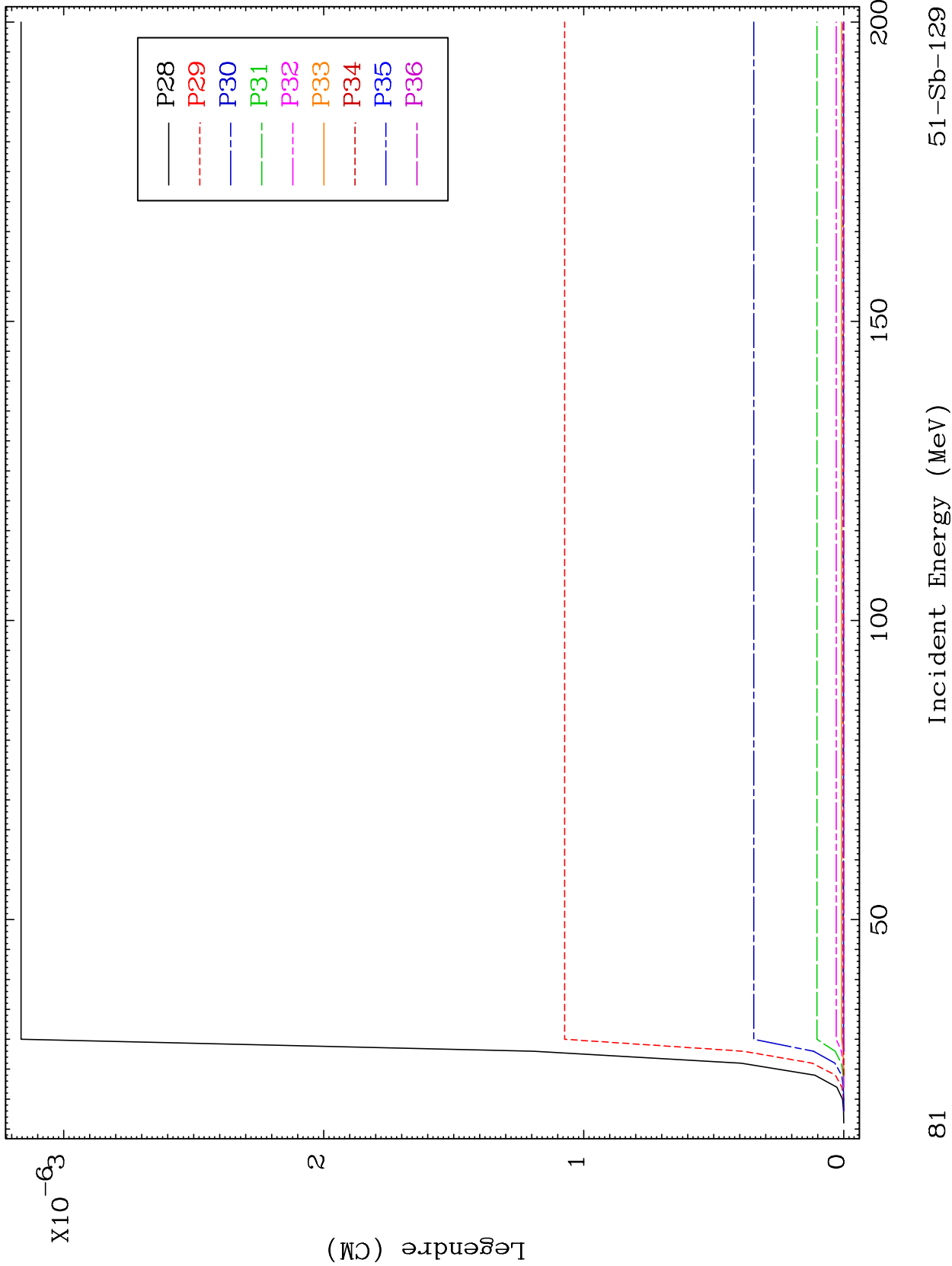
78

Incident Energy (MeV)

51-Sb-129



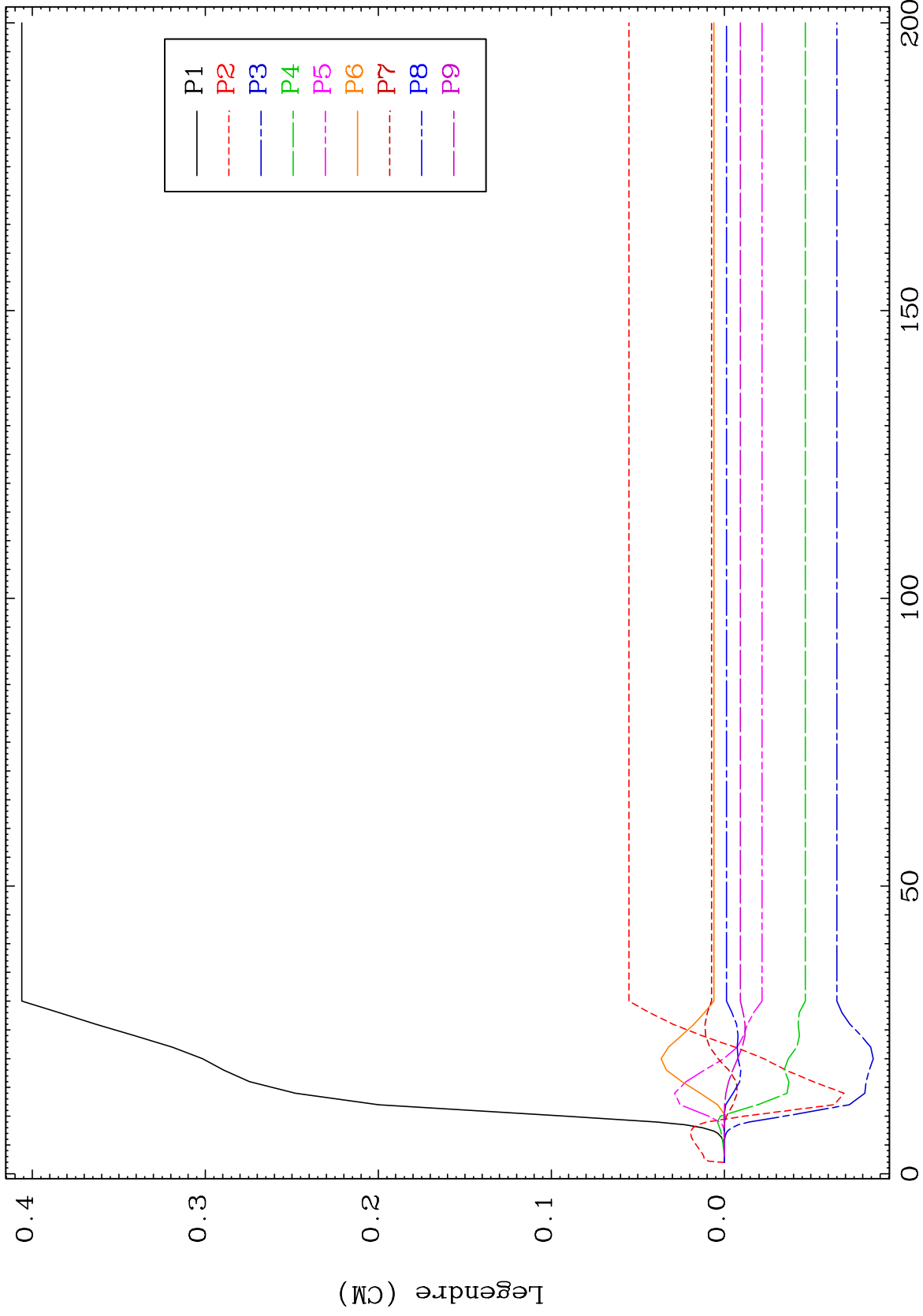




MAT 5149

1.940 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



82

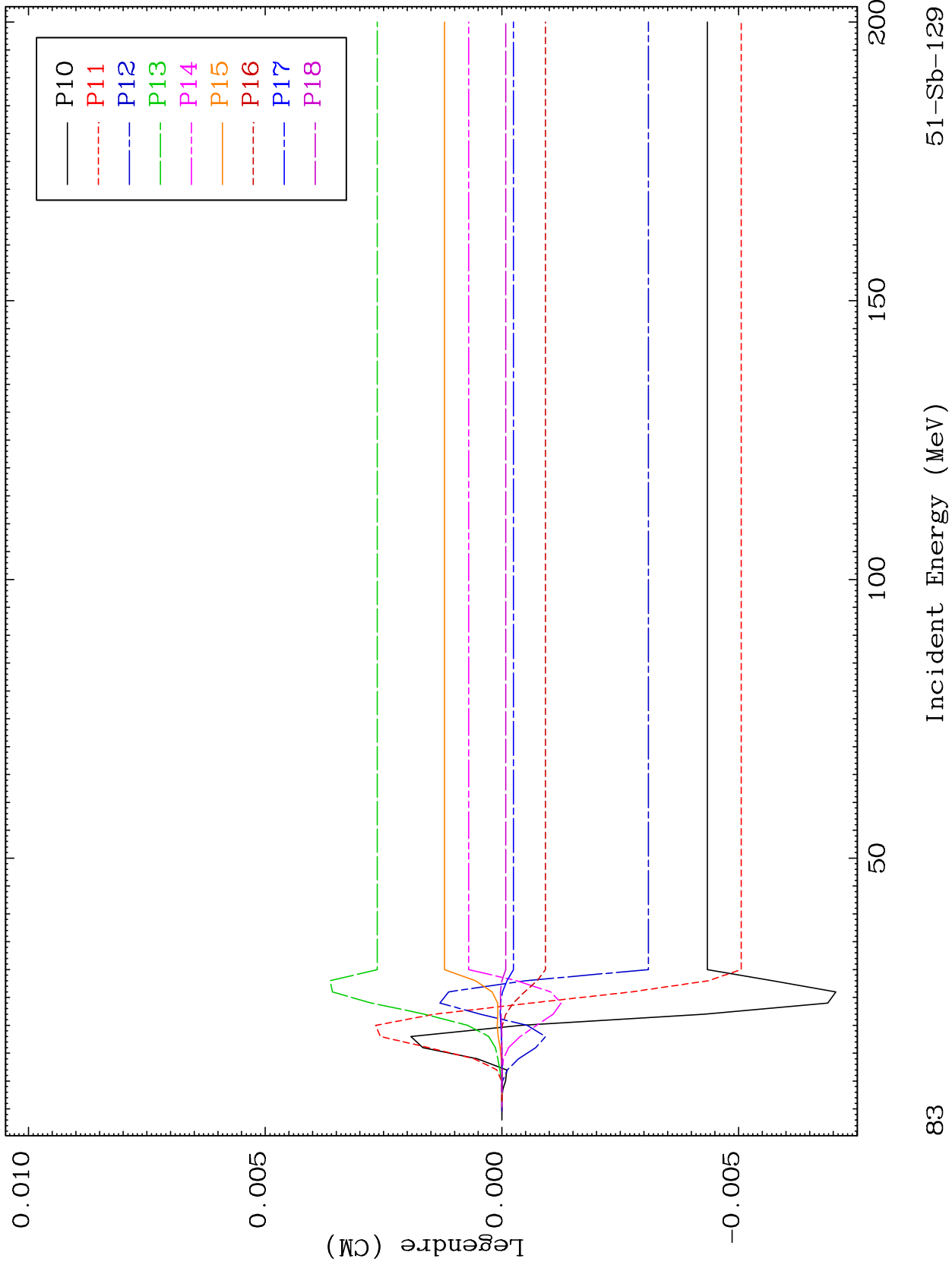
Incident Energy (MeV)

51-Sb-129

MAT 5149

1.940 MeV (n,n') Level
Legendre Coefficients

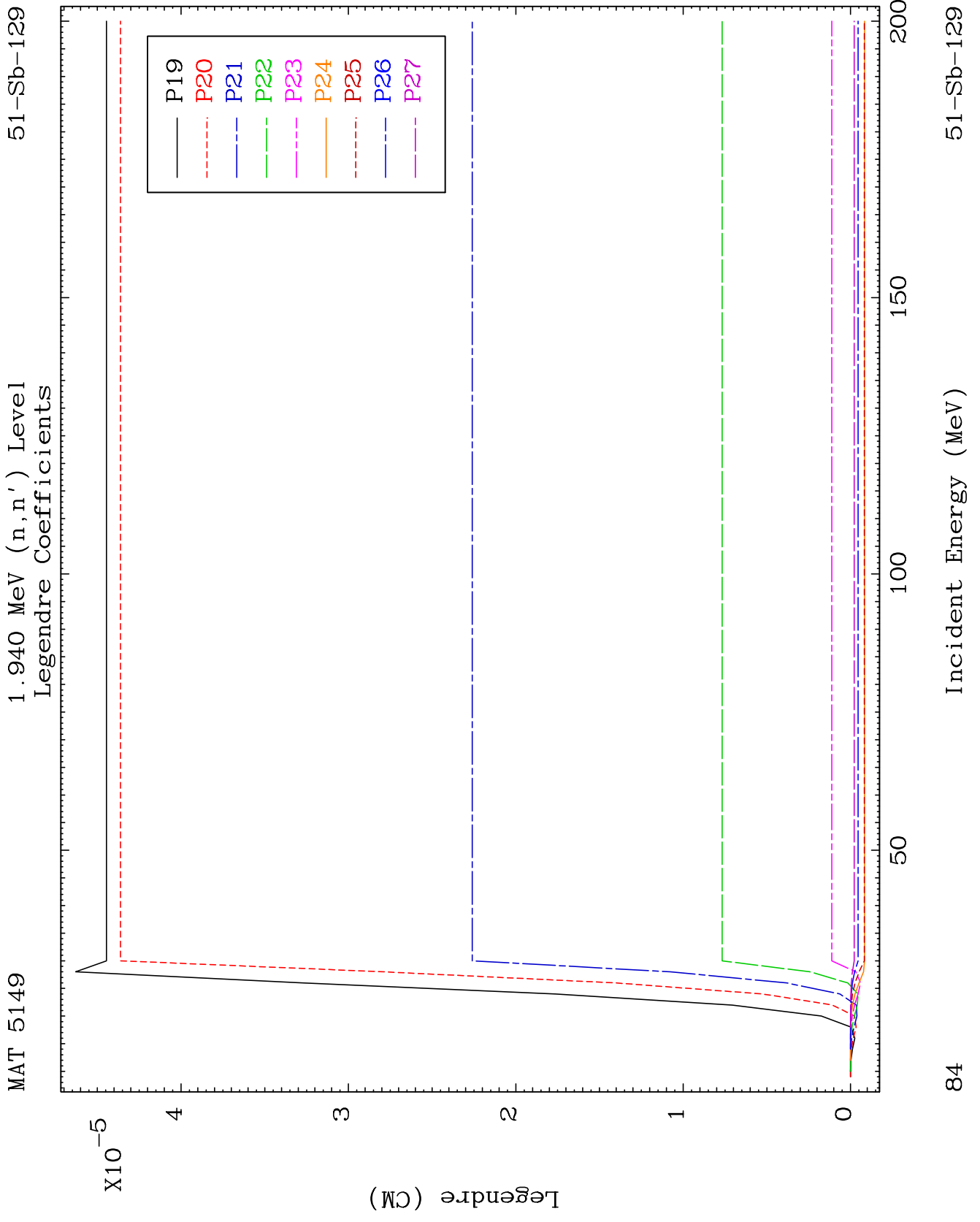
51-Sb-129

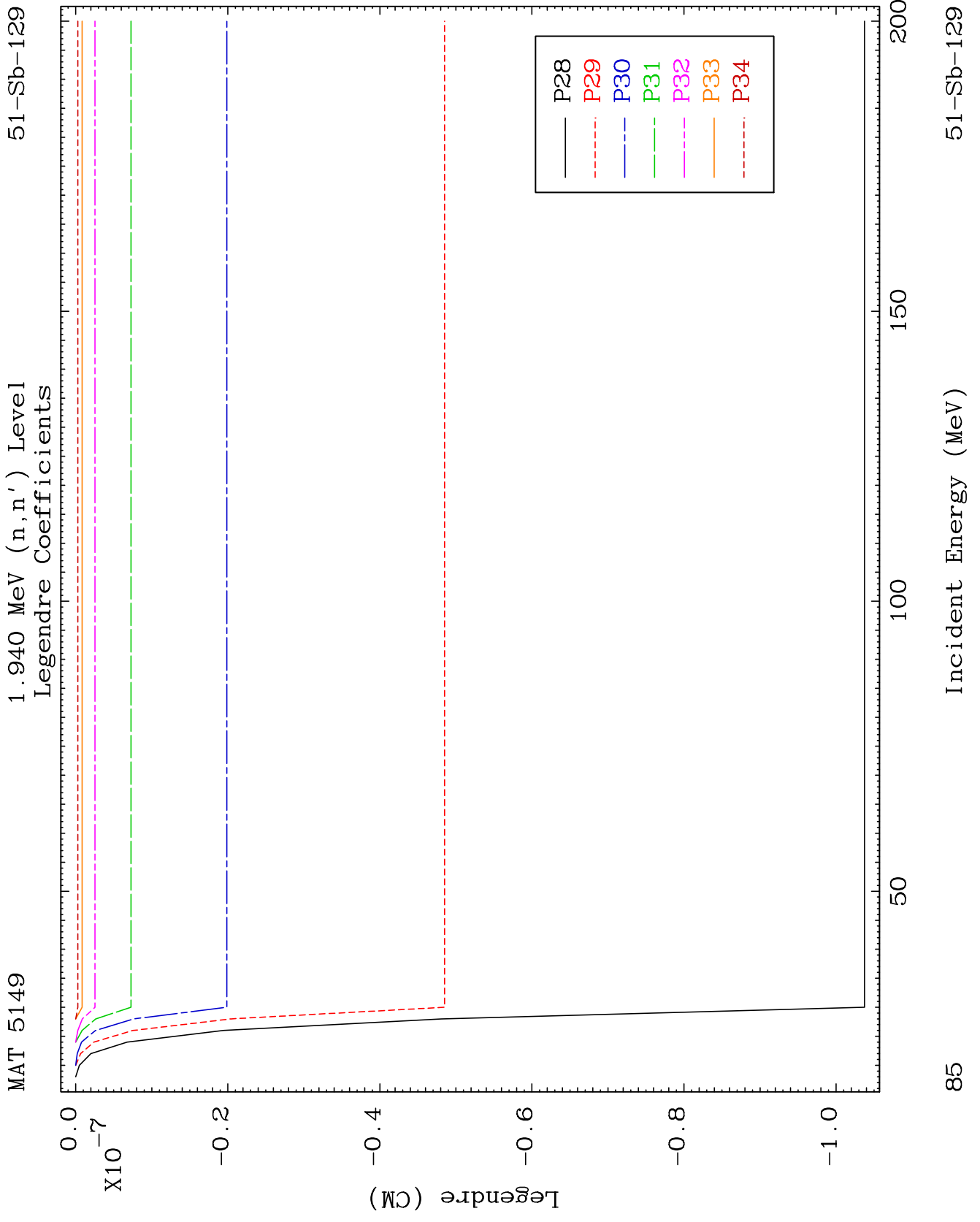


83

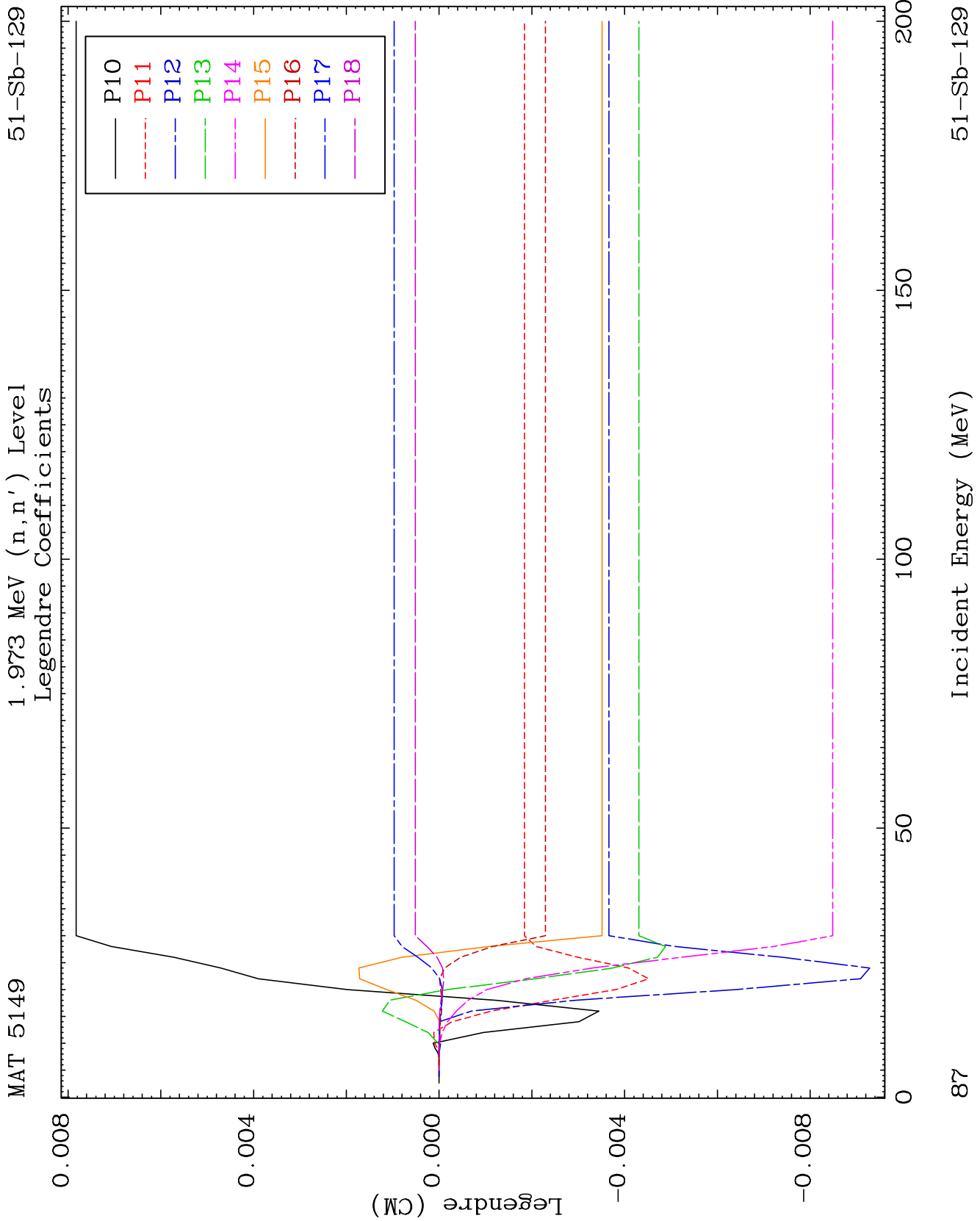
Incident Energy (MeV)

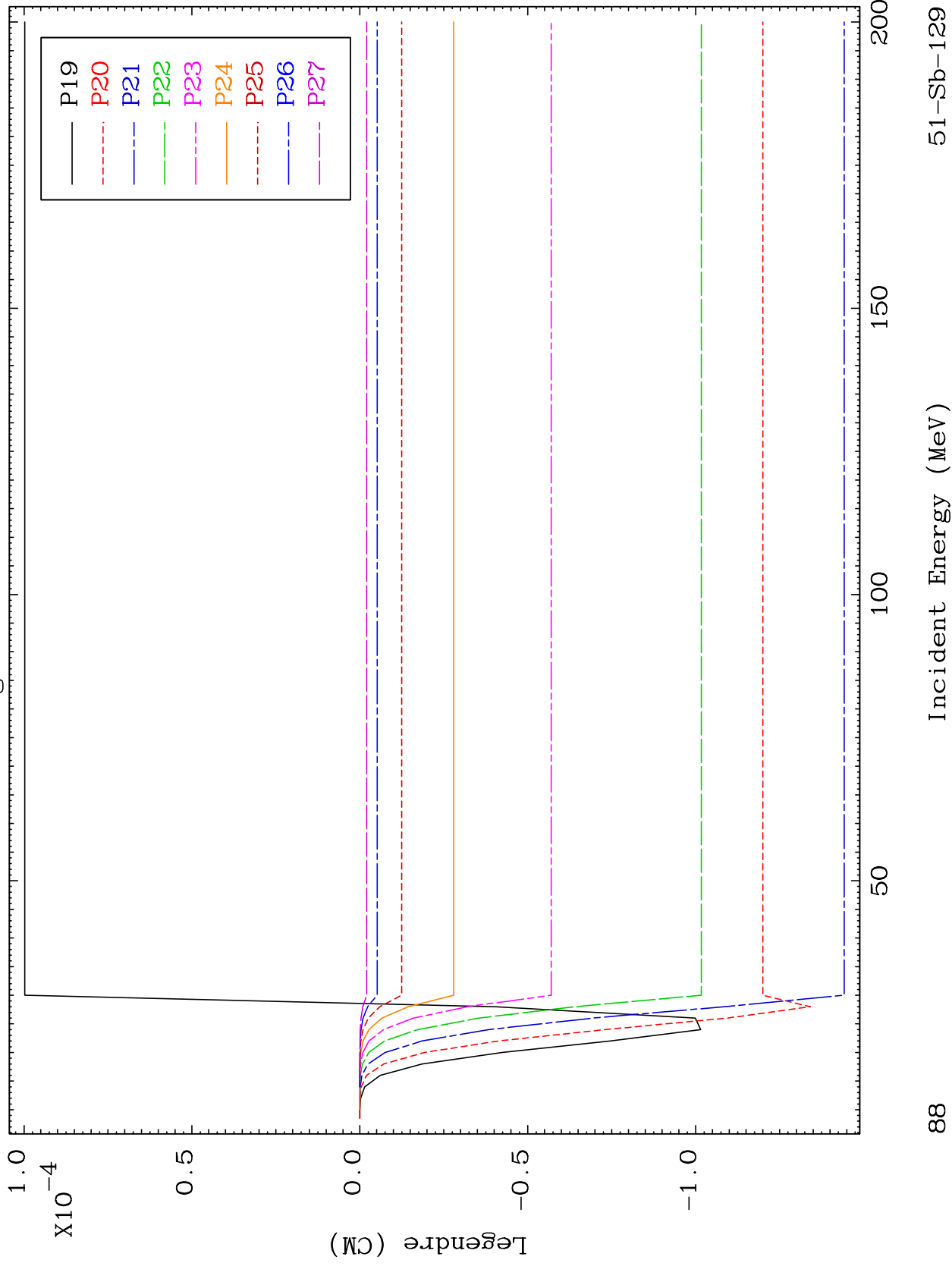
51-Sb-129

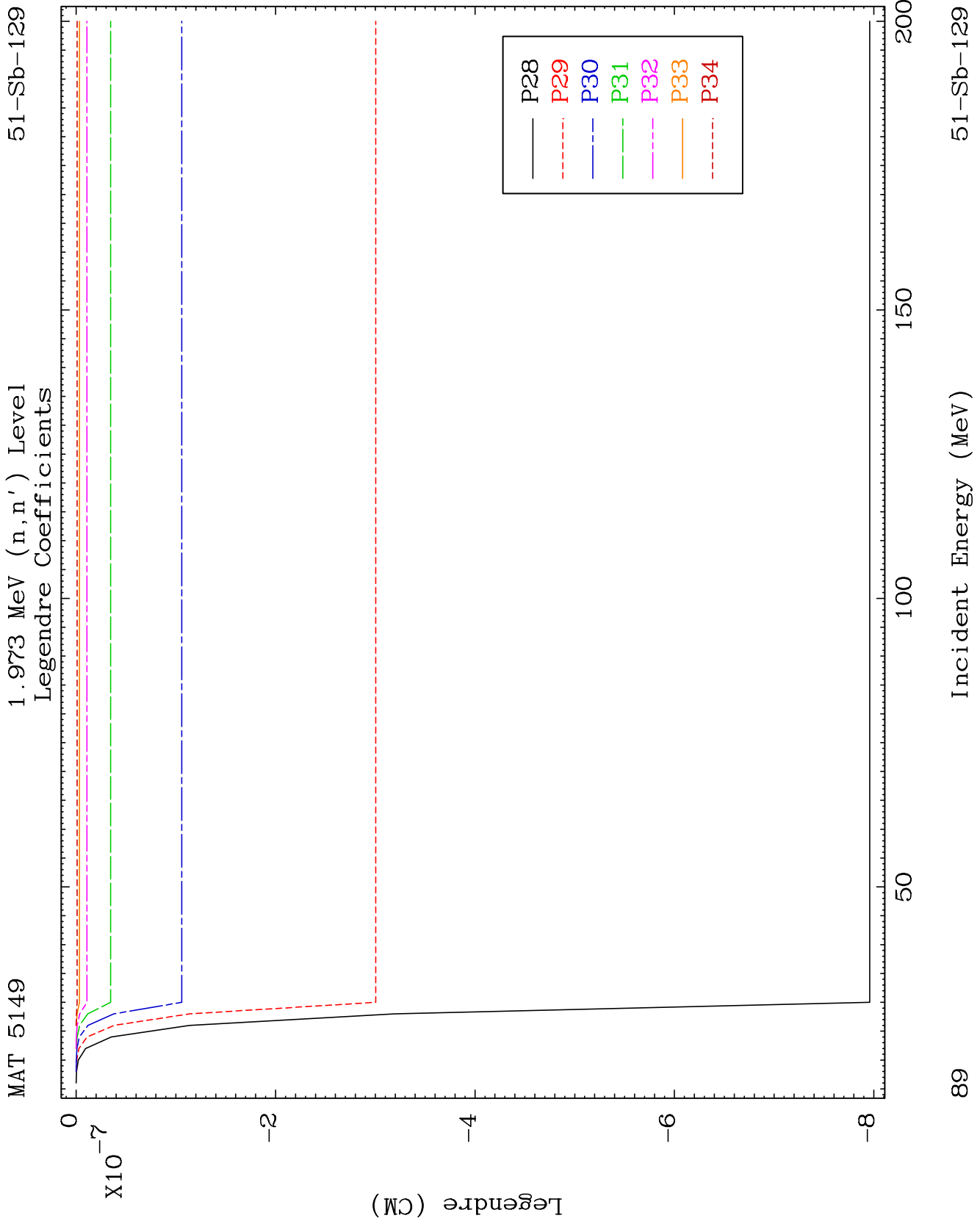








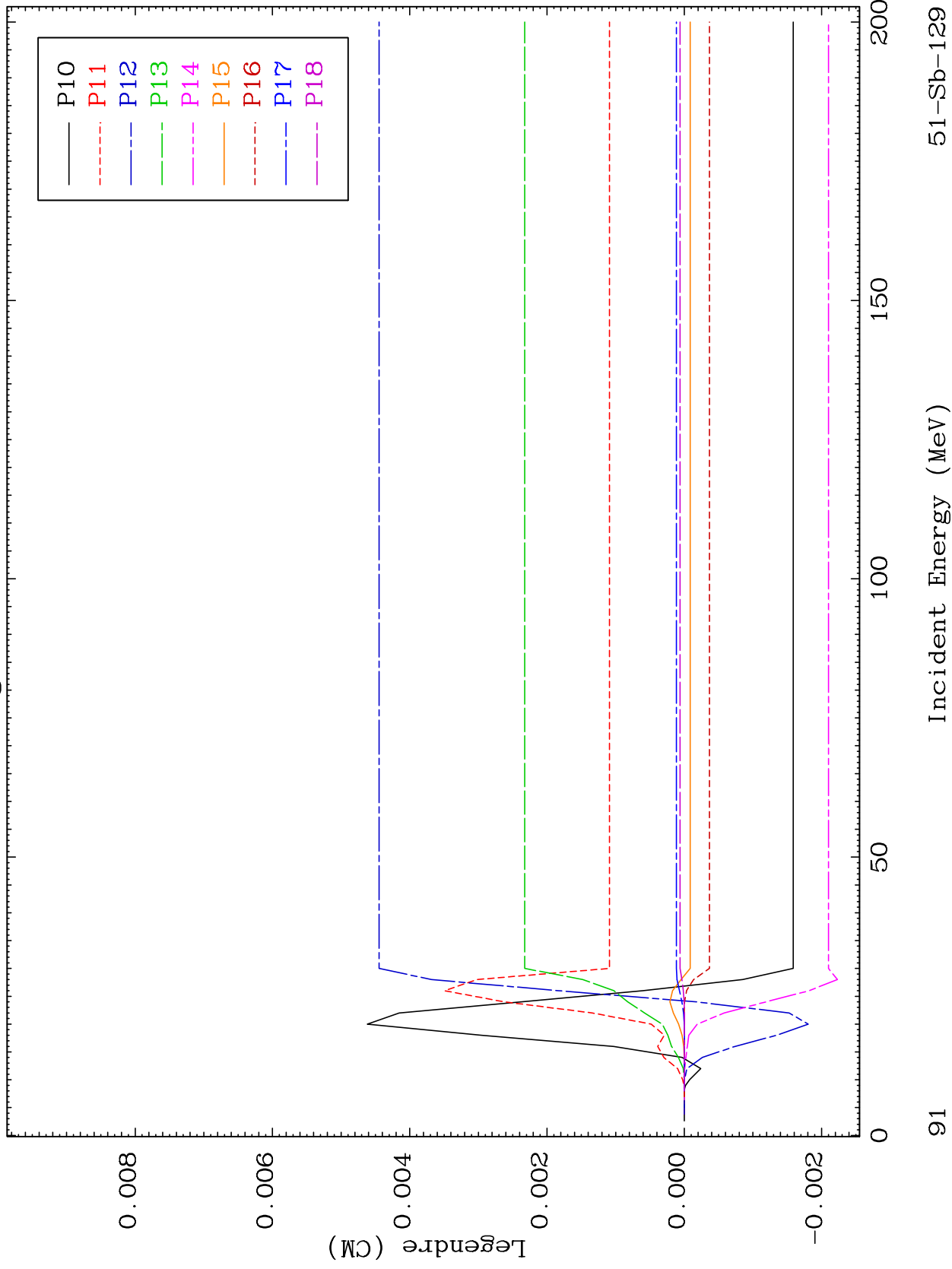




MAT 5149

1.978 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



51-Sb-129

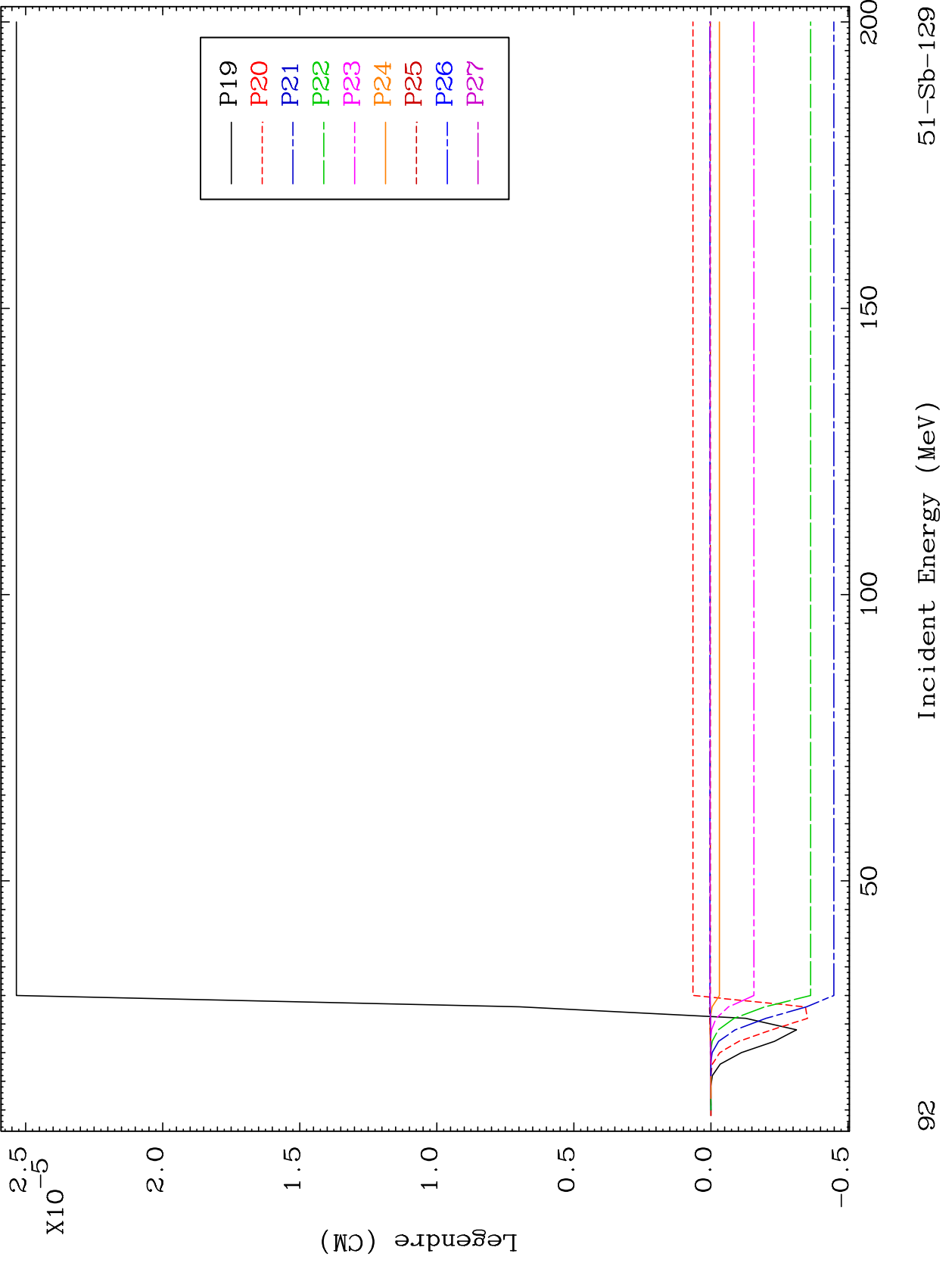
Incident Energy (MeV)

91

MAT 5149

1.978 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



92

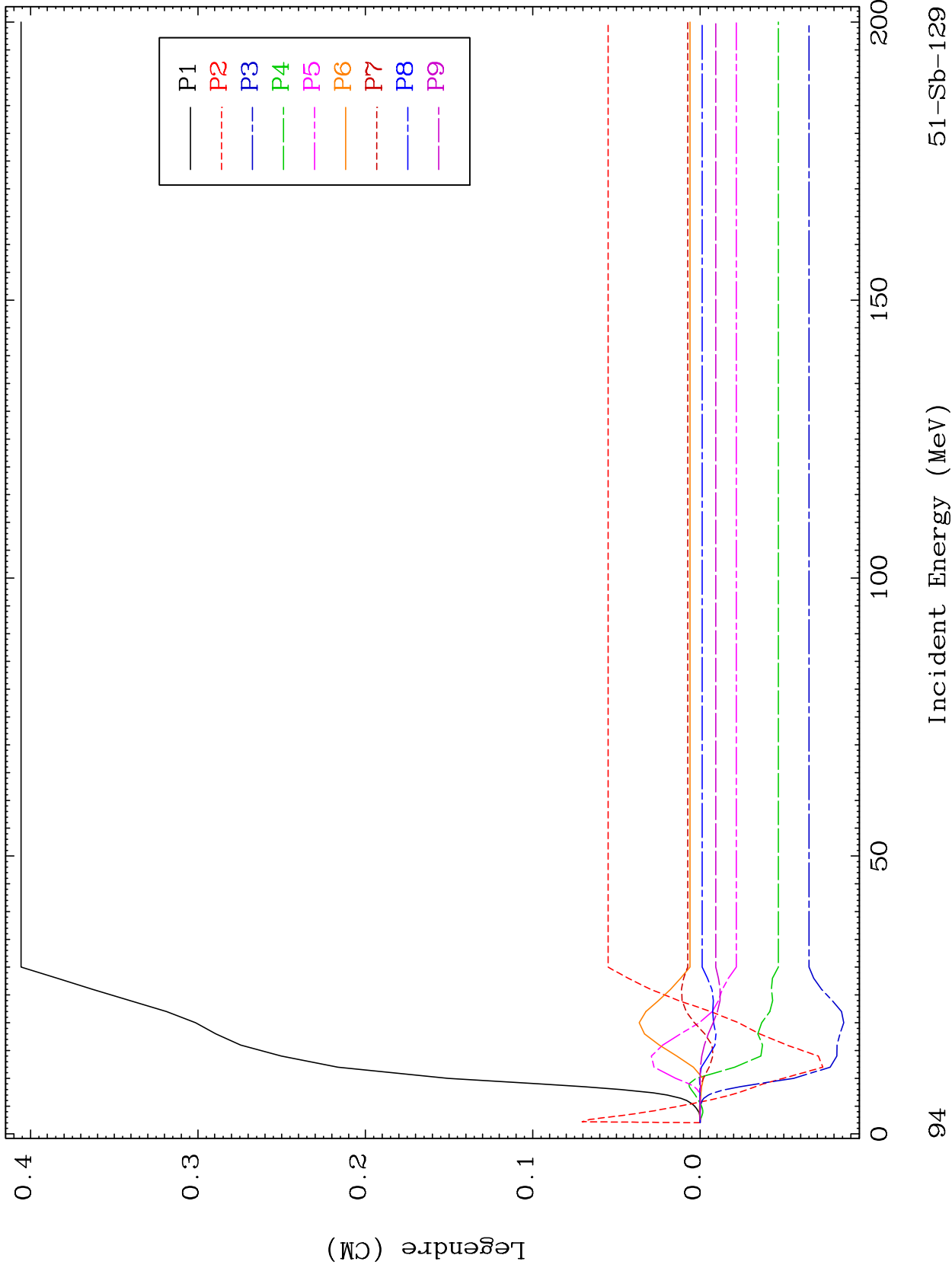
Incident Energy (MeV)

51-Sb-129

MAT 5149

1.999 MeV (n,n') Level
Legendre Coefficients

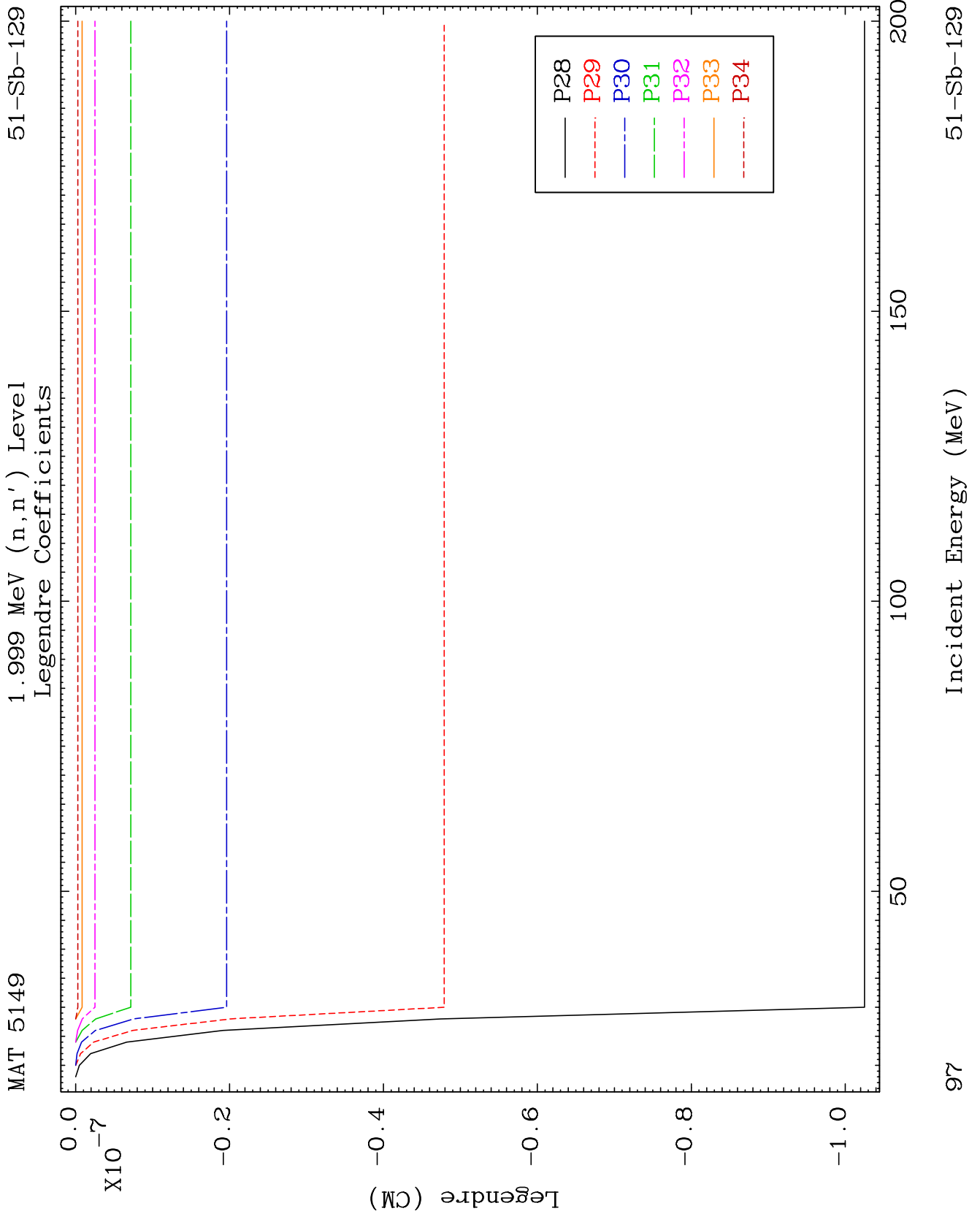
51-Sb-129

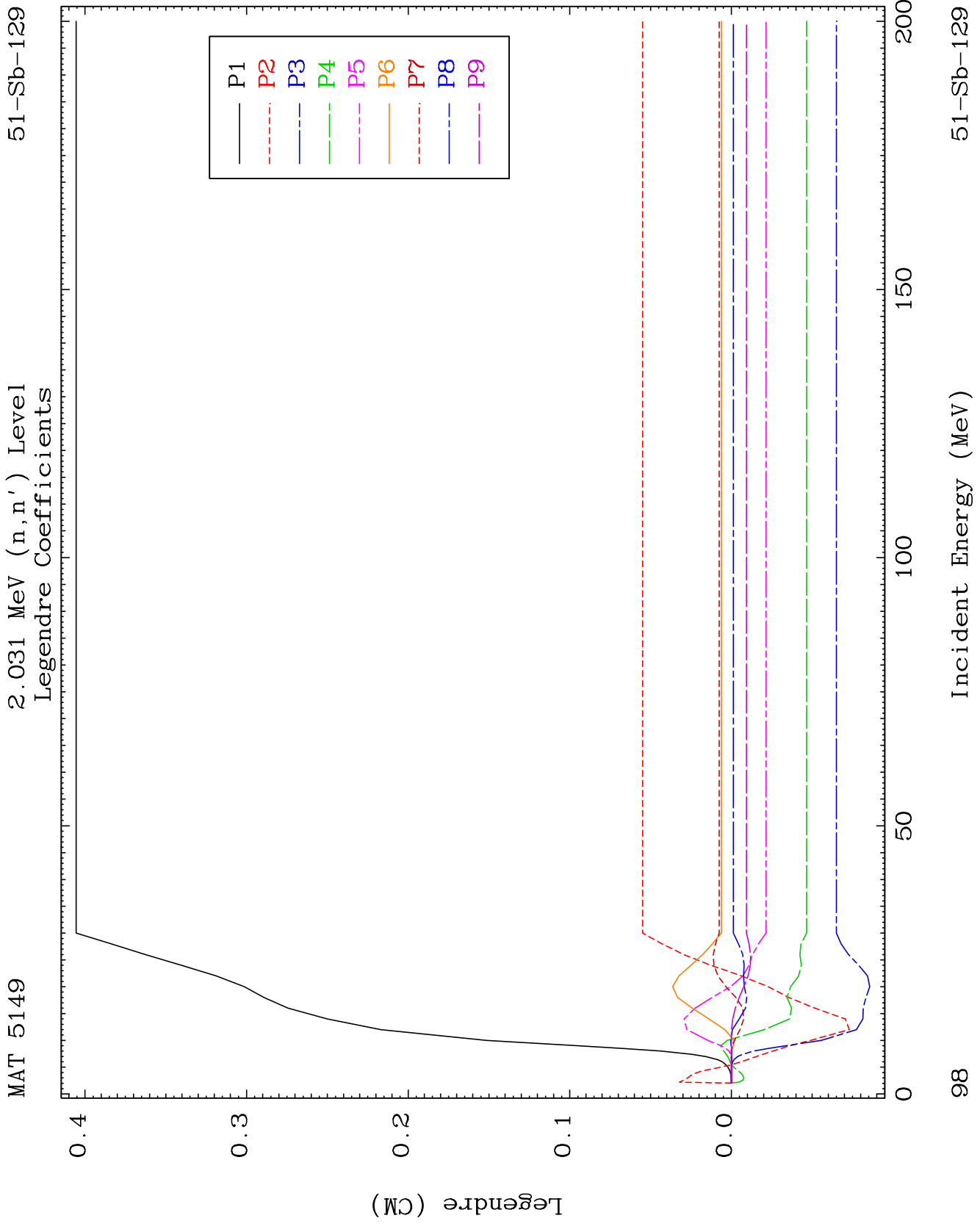


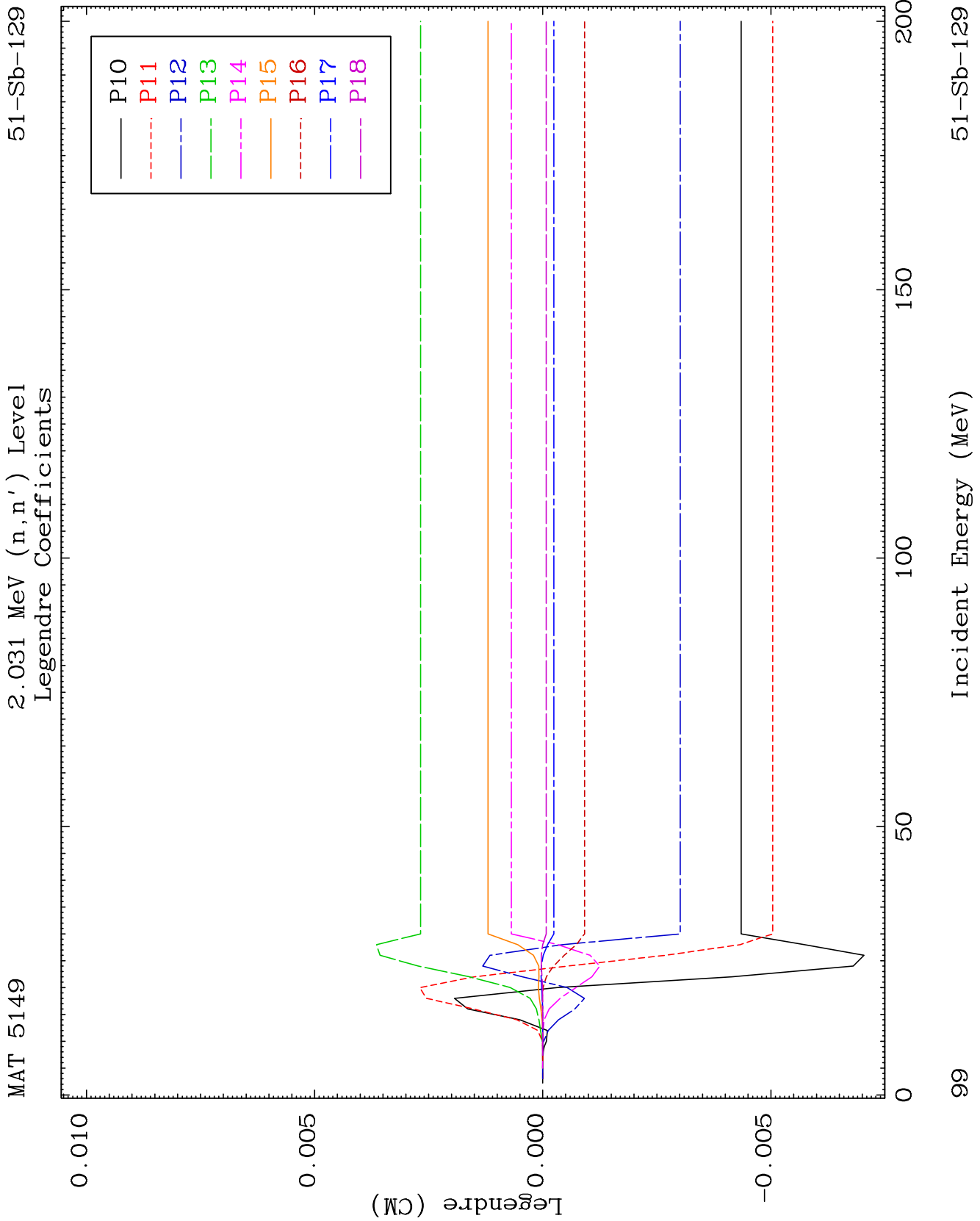
51-Sb-129

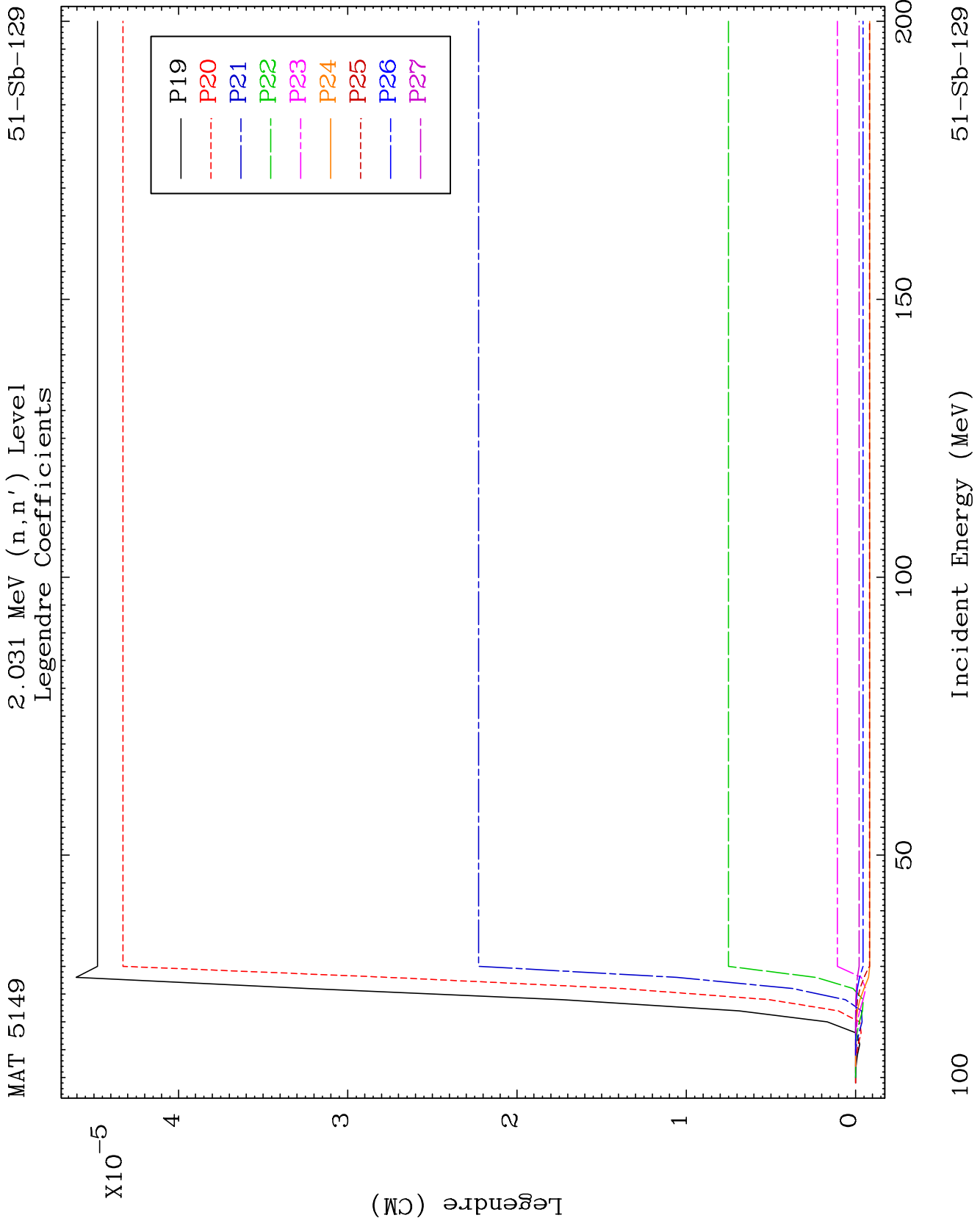
Incident Energy (MeV)

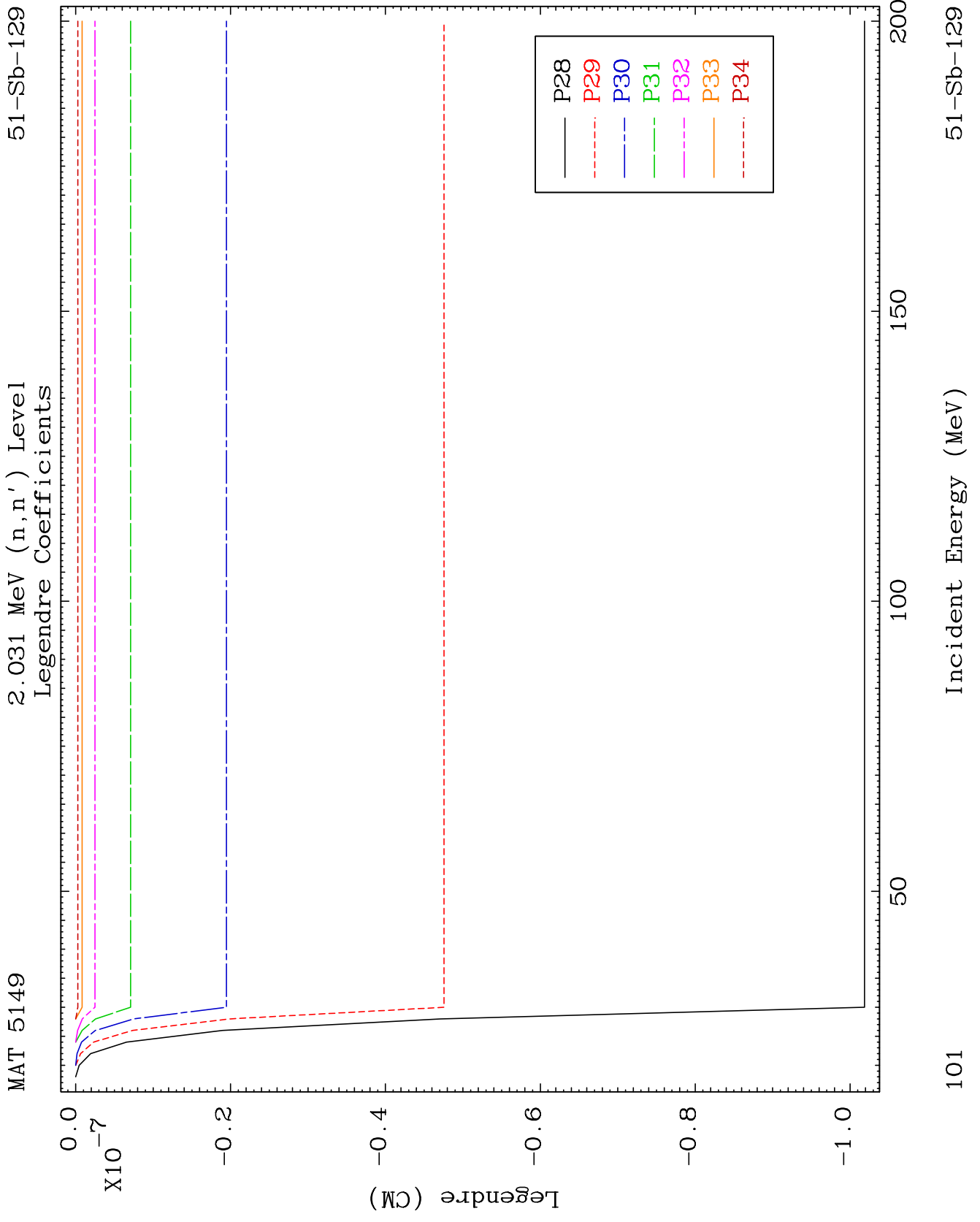
94







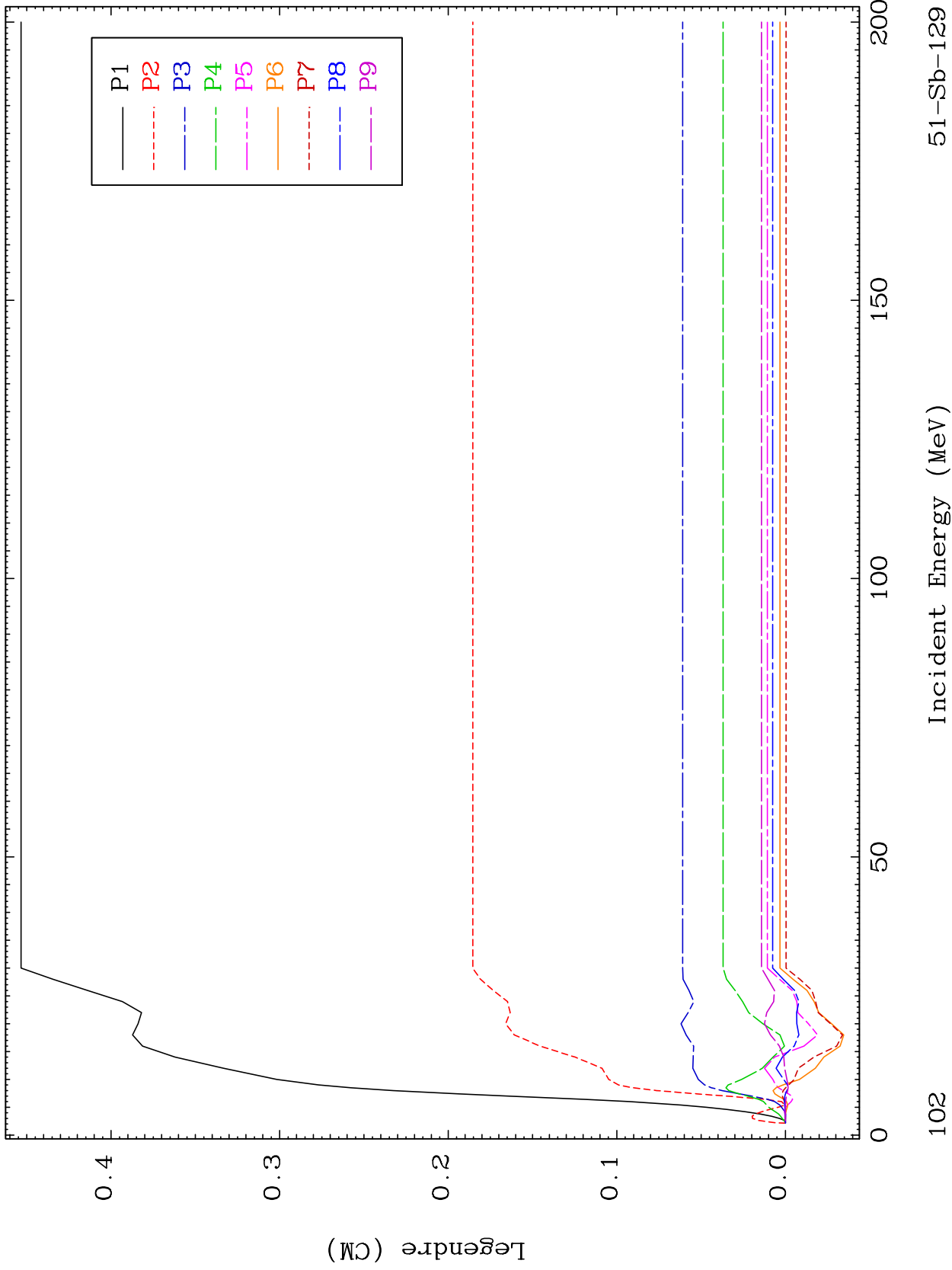




MAT 5149

2.115 MeV (n,n') Level
Legendre Coefficients

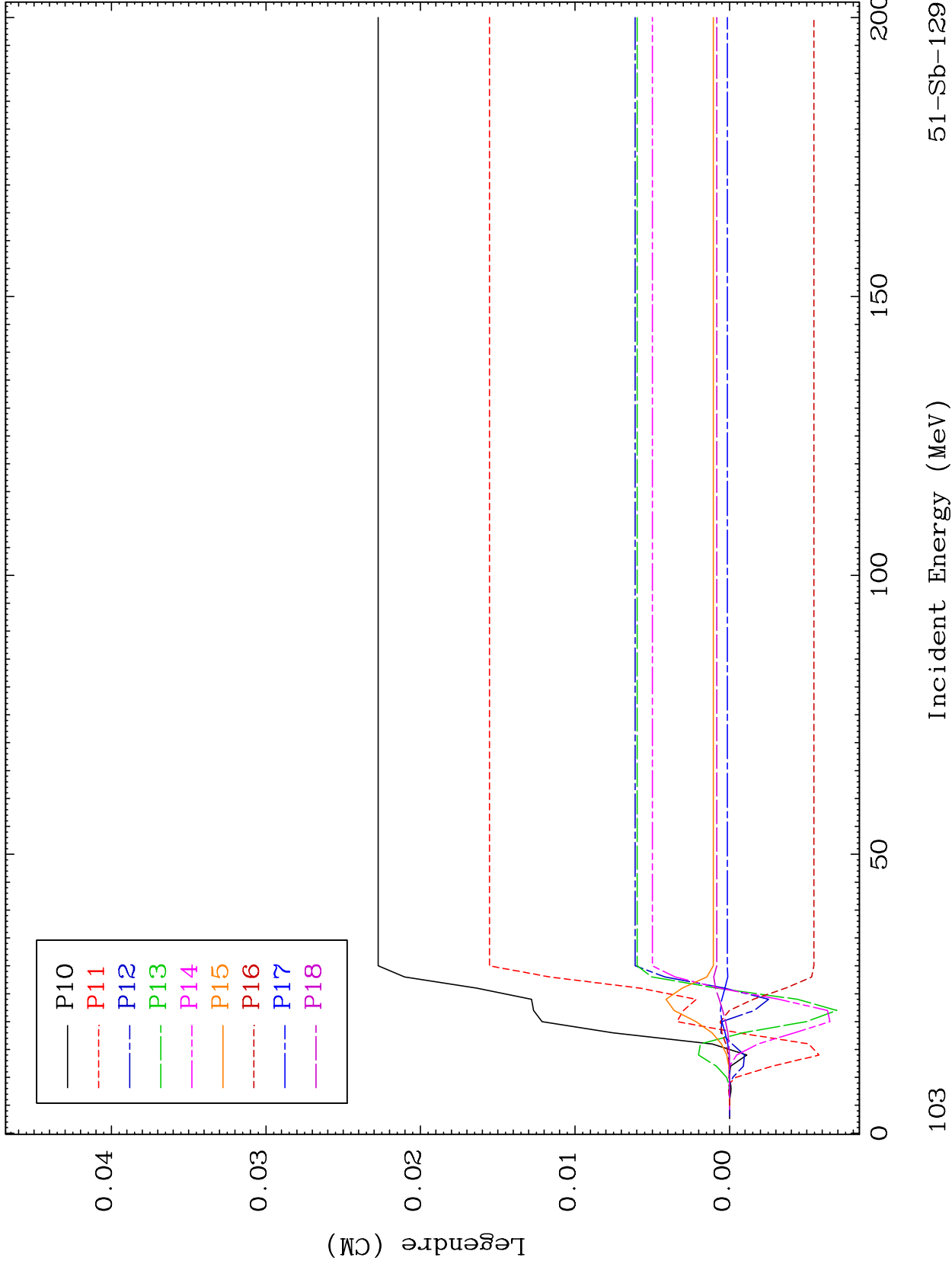
51-Sb-129



MAT 5149

2.115 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



51-Sb-129

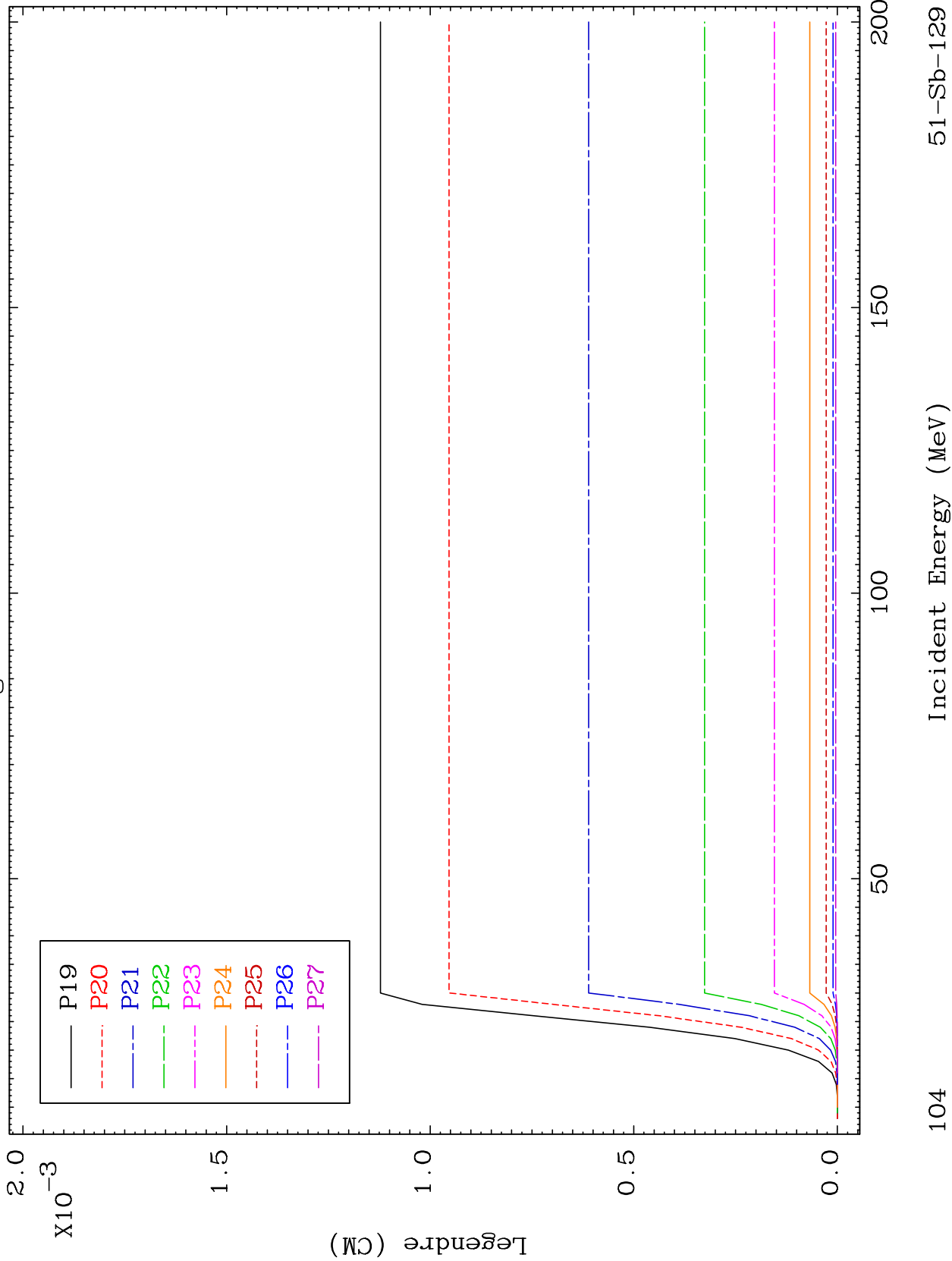
Incident Energy (MeV)

103

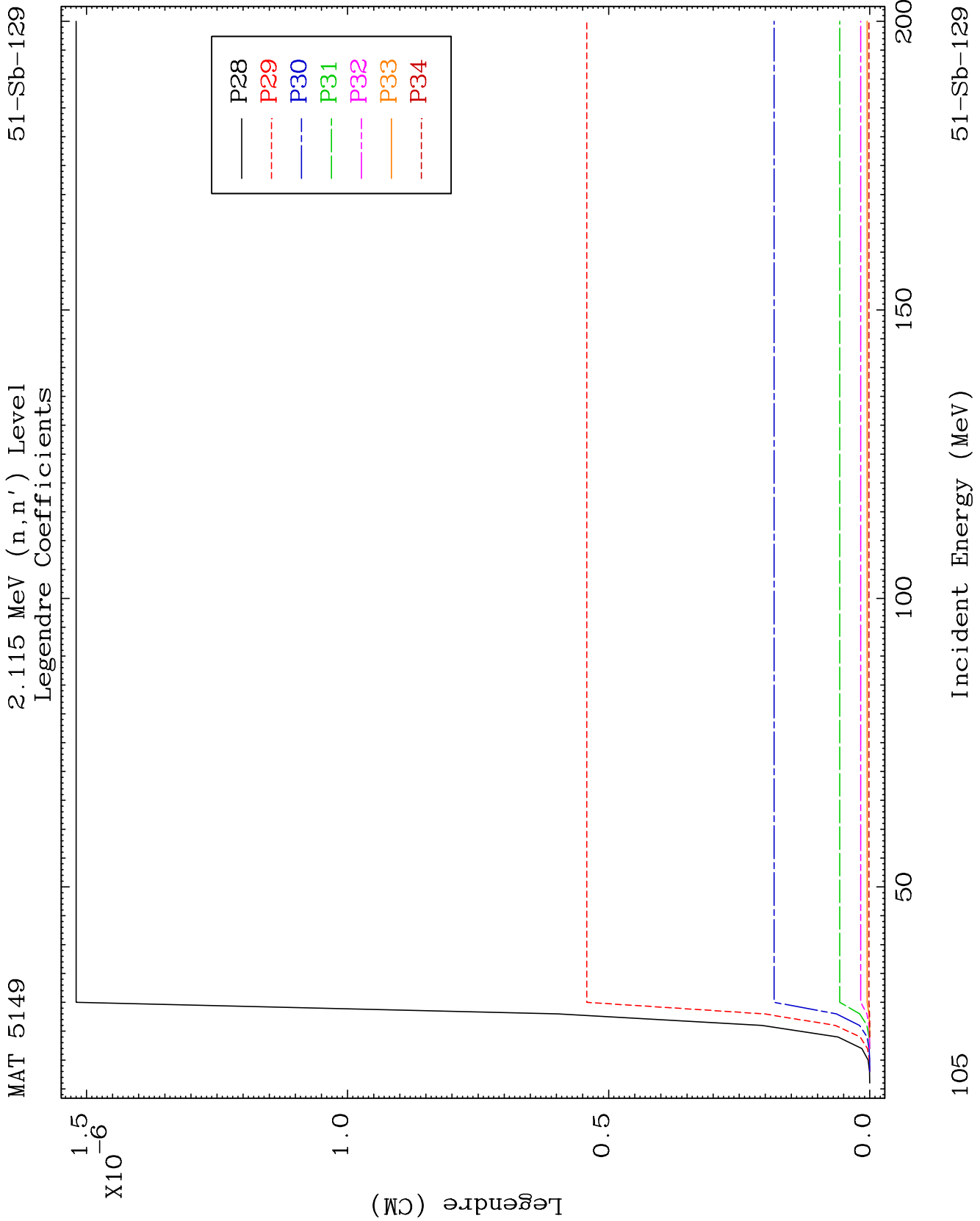
MAT 5149

2.115 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



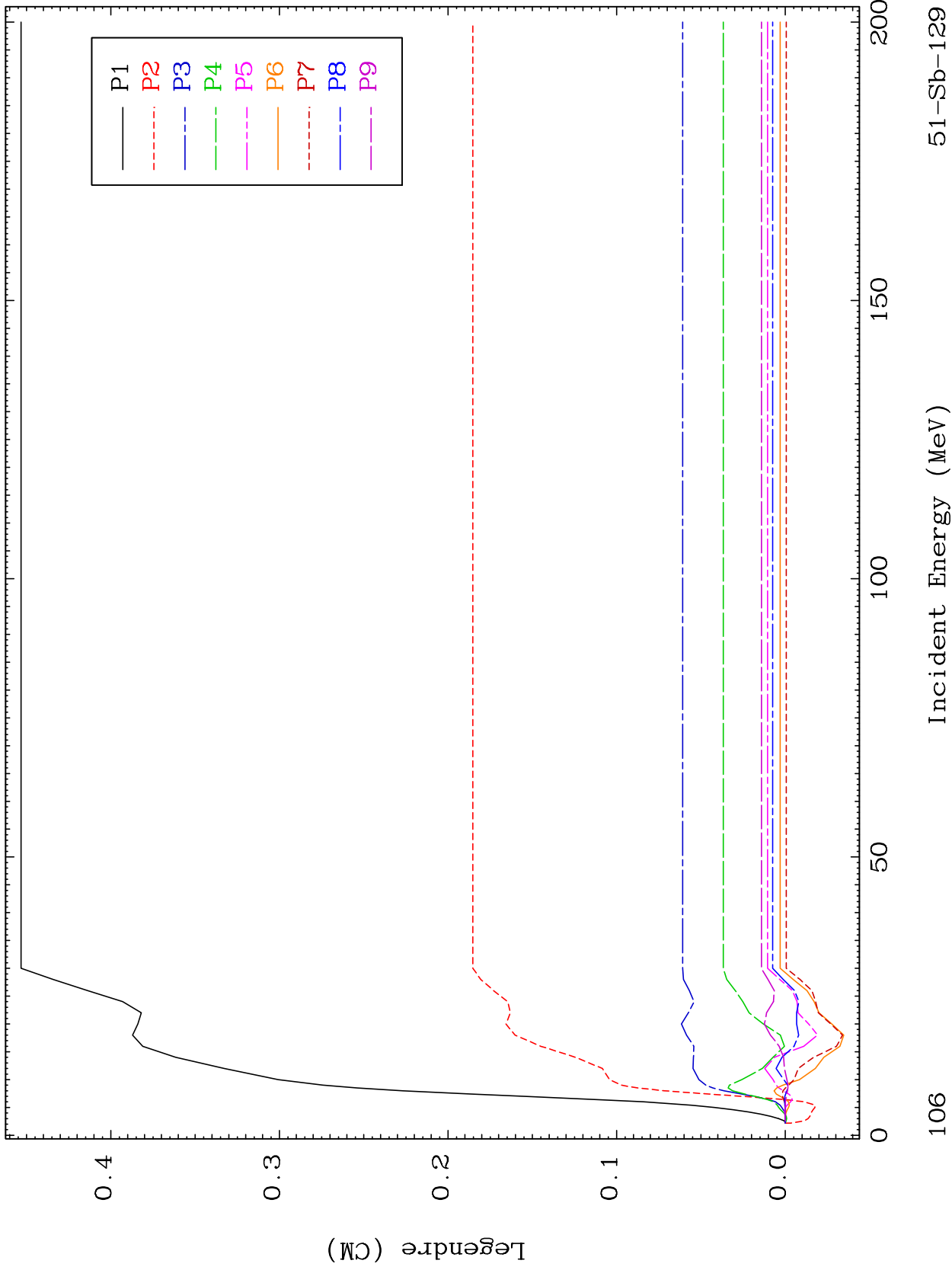
104



MAT 5149

2.155 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



106

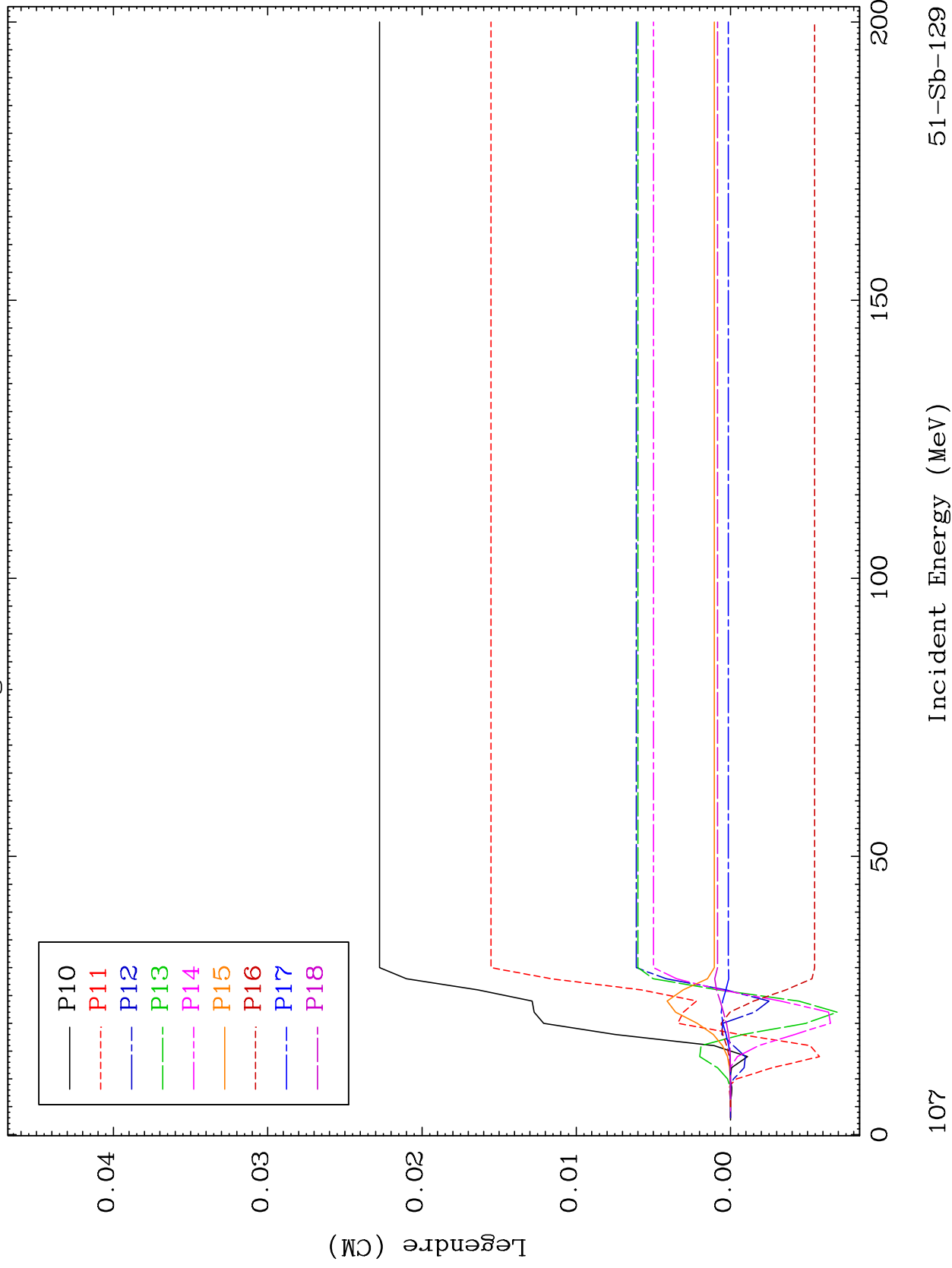
Incident Energy (MeV)

51-Sb-129

MAT 5149

2.155 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



107

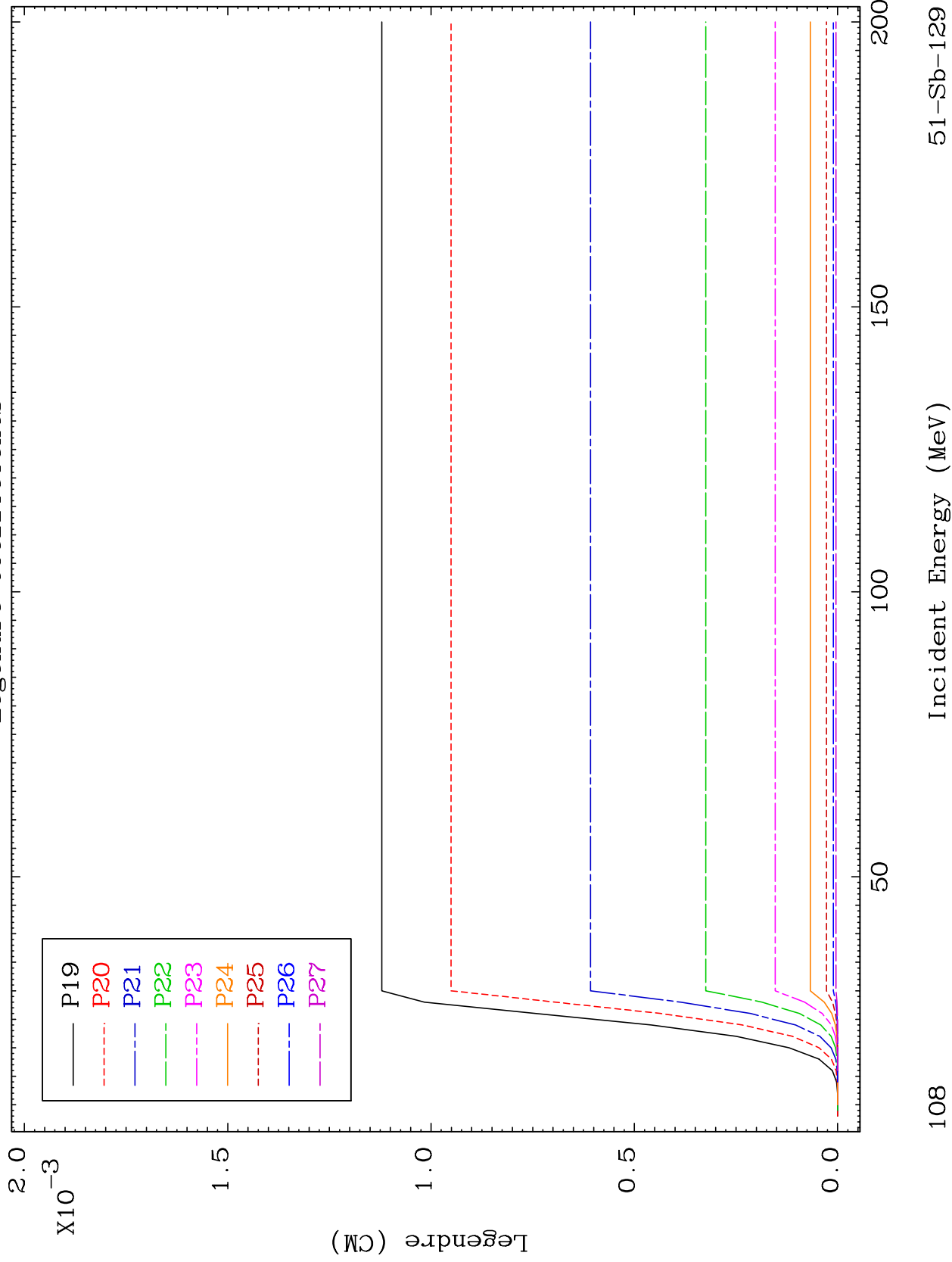
Incident Energy (MeV)

51-Sb-129

MAT 5149

2.155 MeV (n,n') Level
Legendre Coefficients

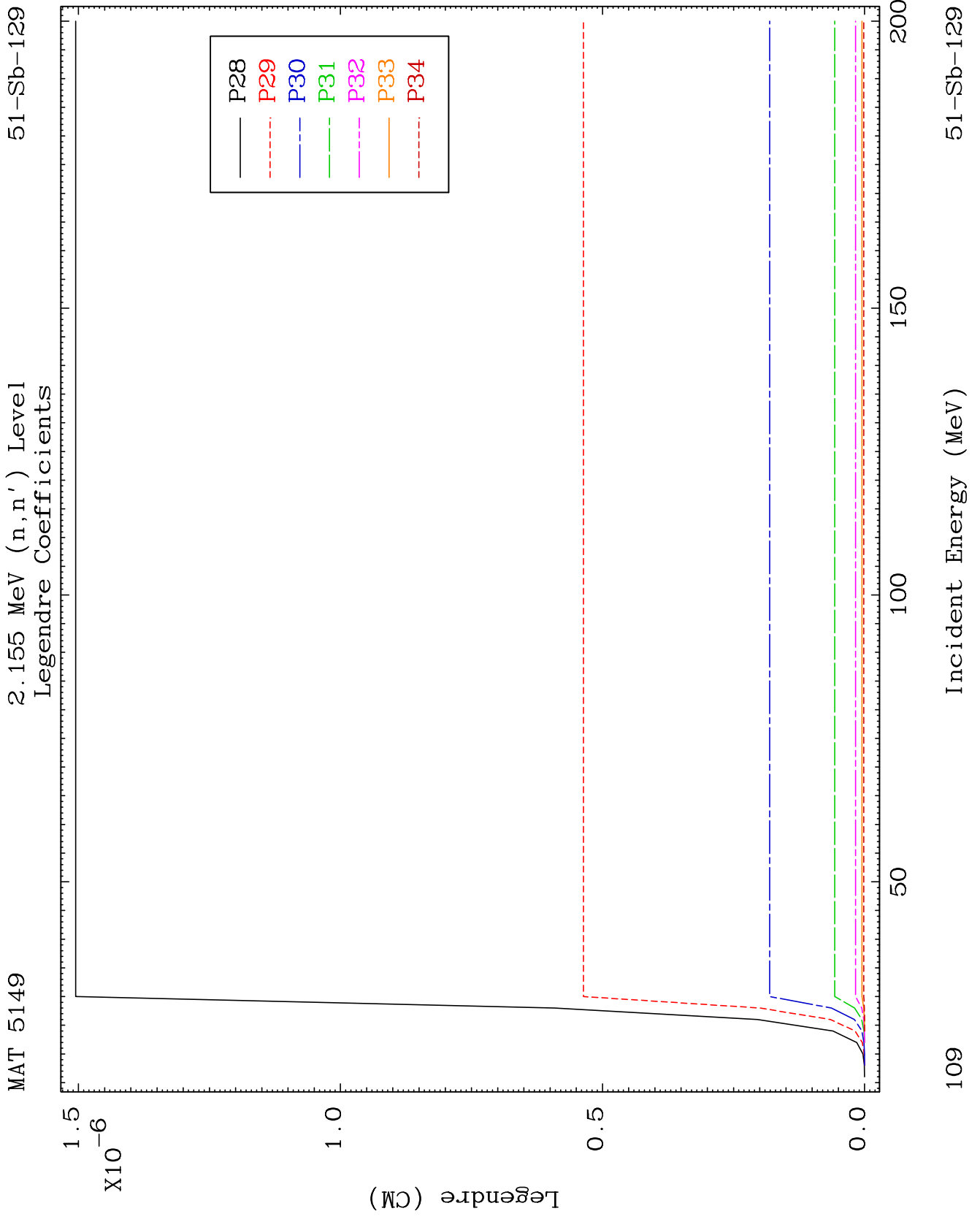
51-Sb-129

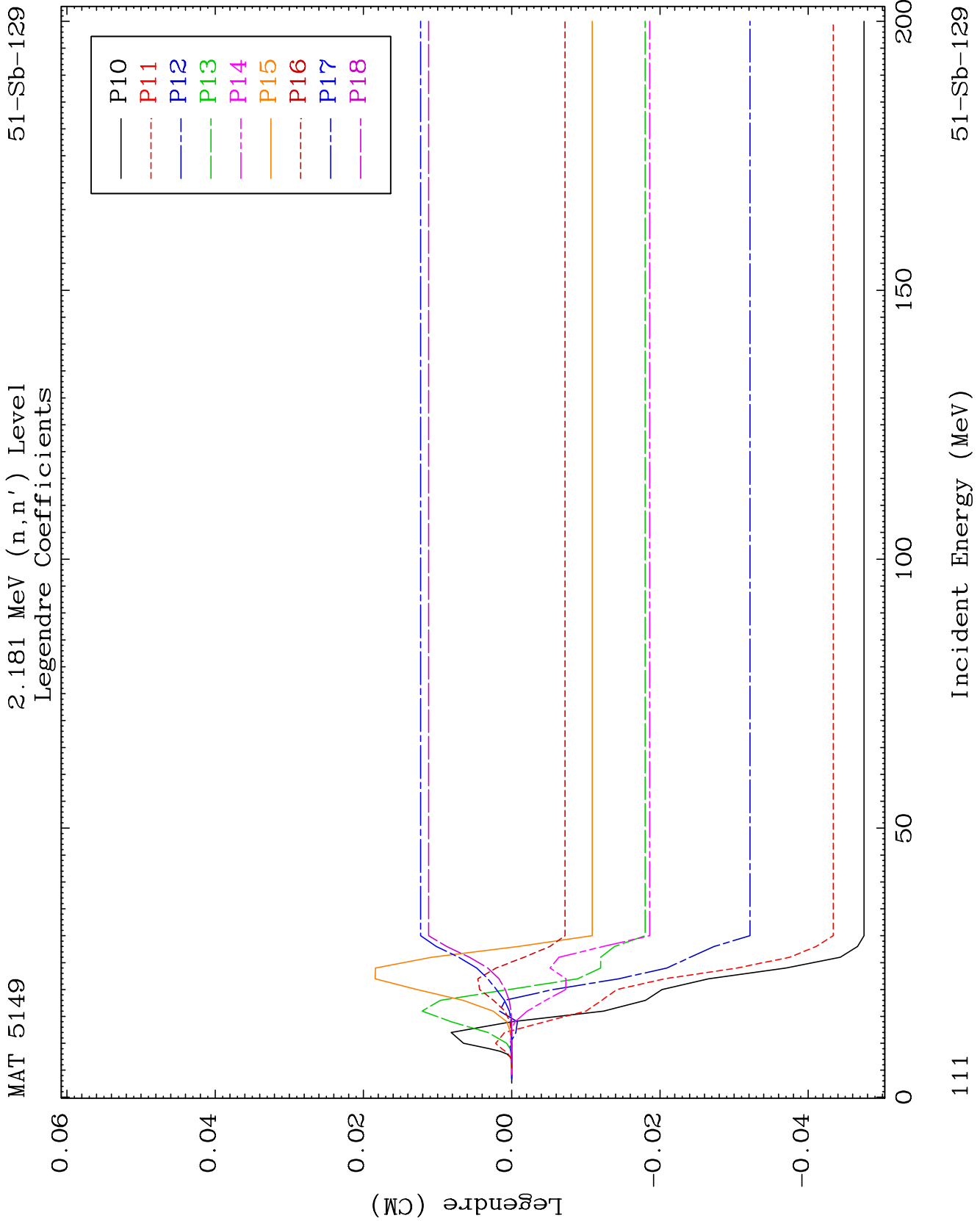


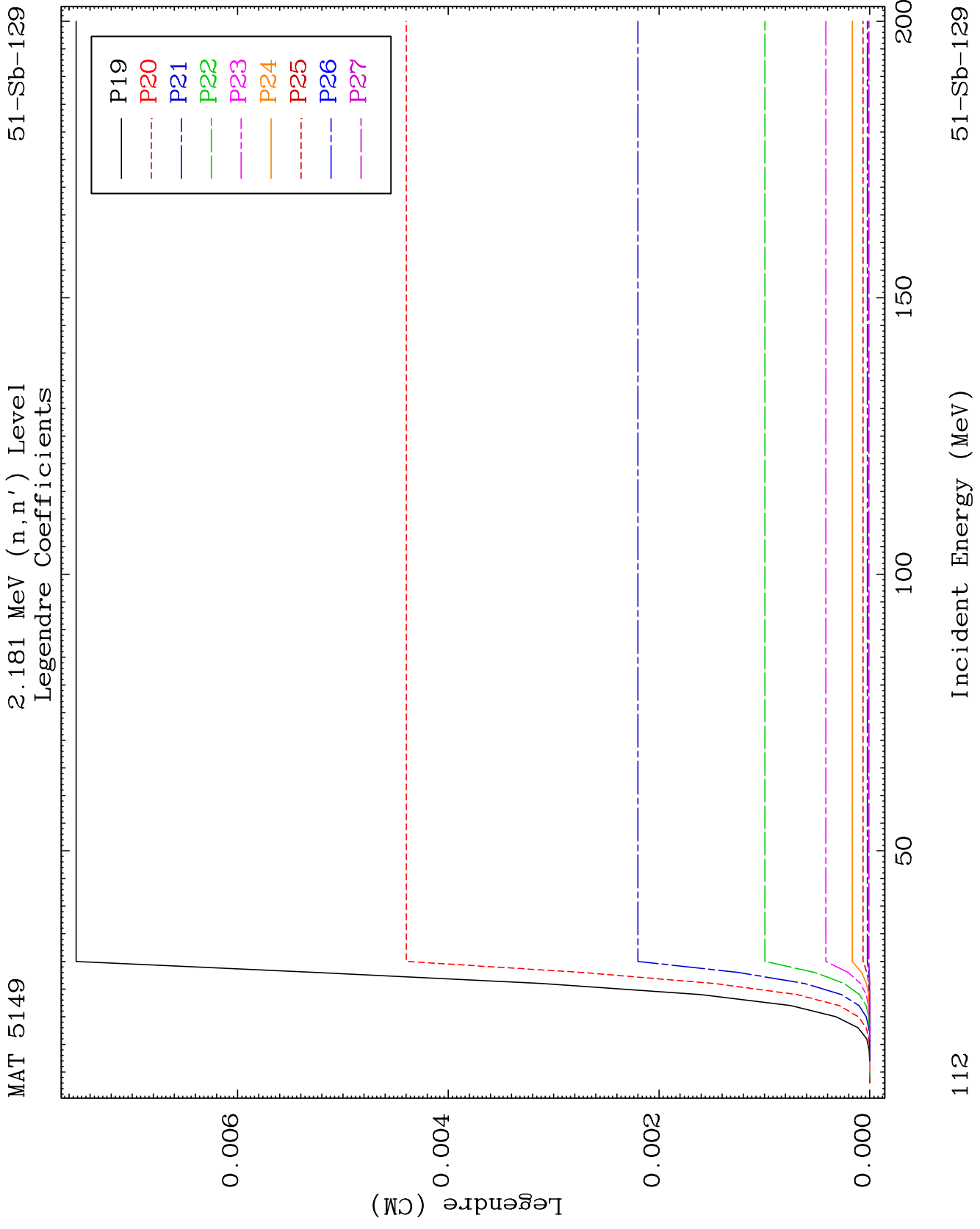
108

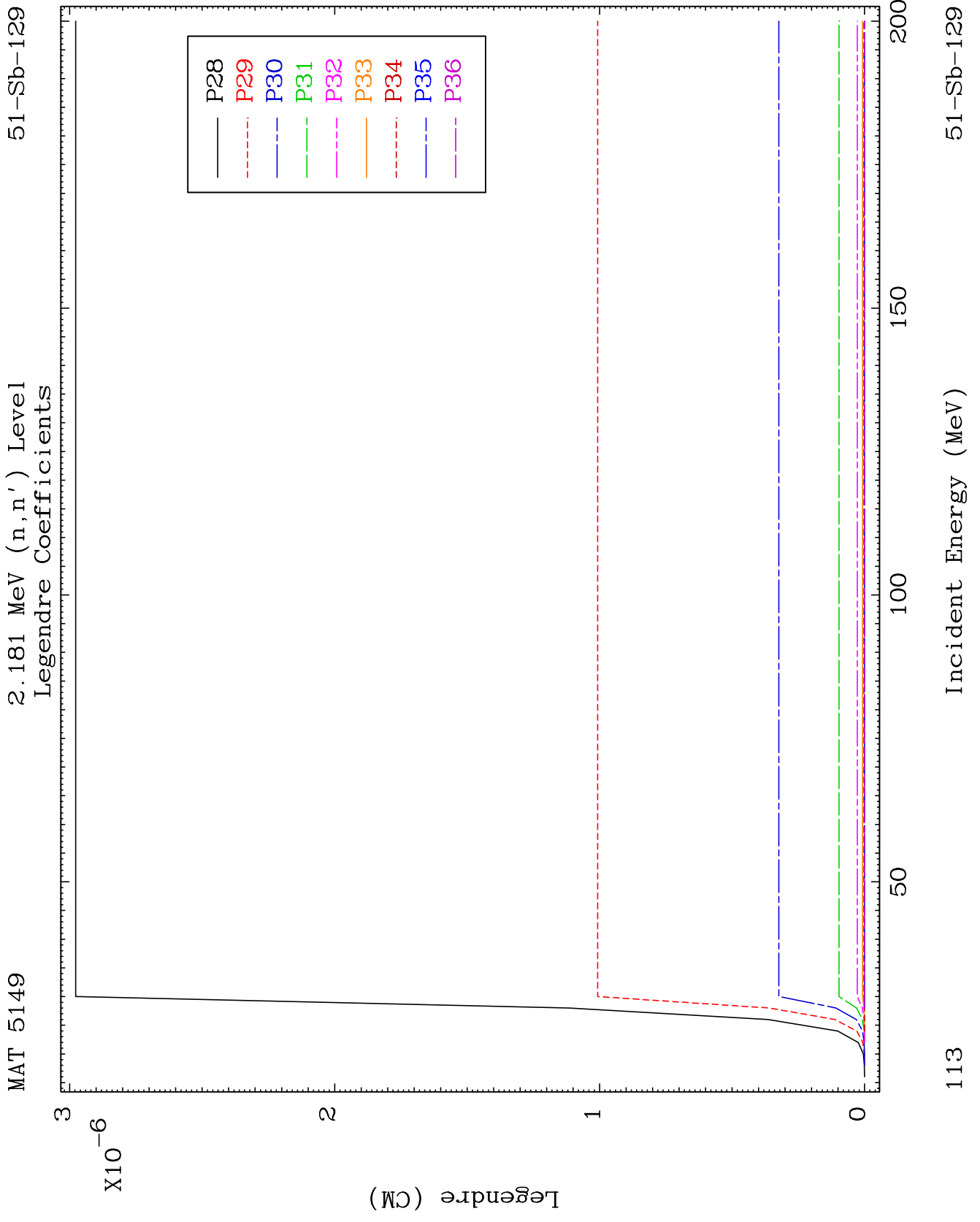
Incident Energy (MeV)

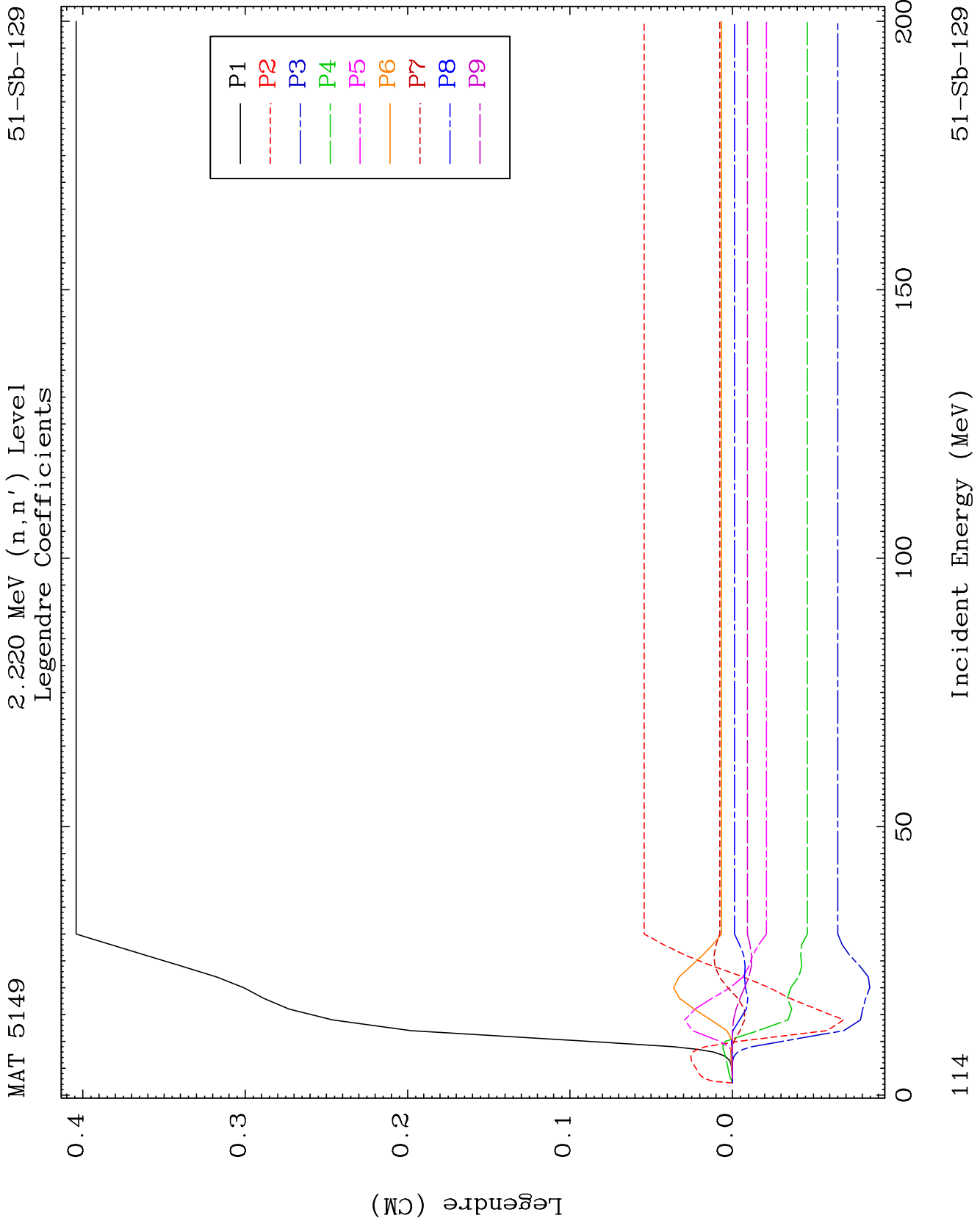
51-Sb-129

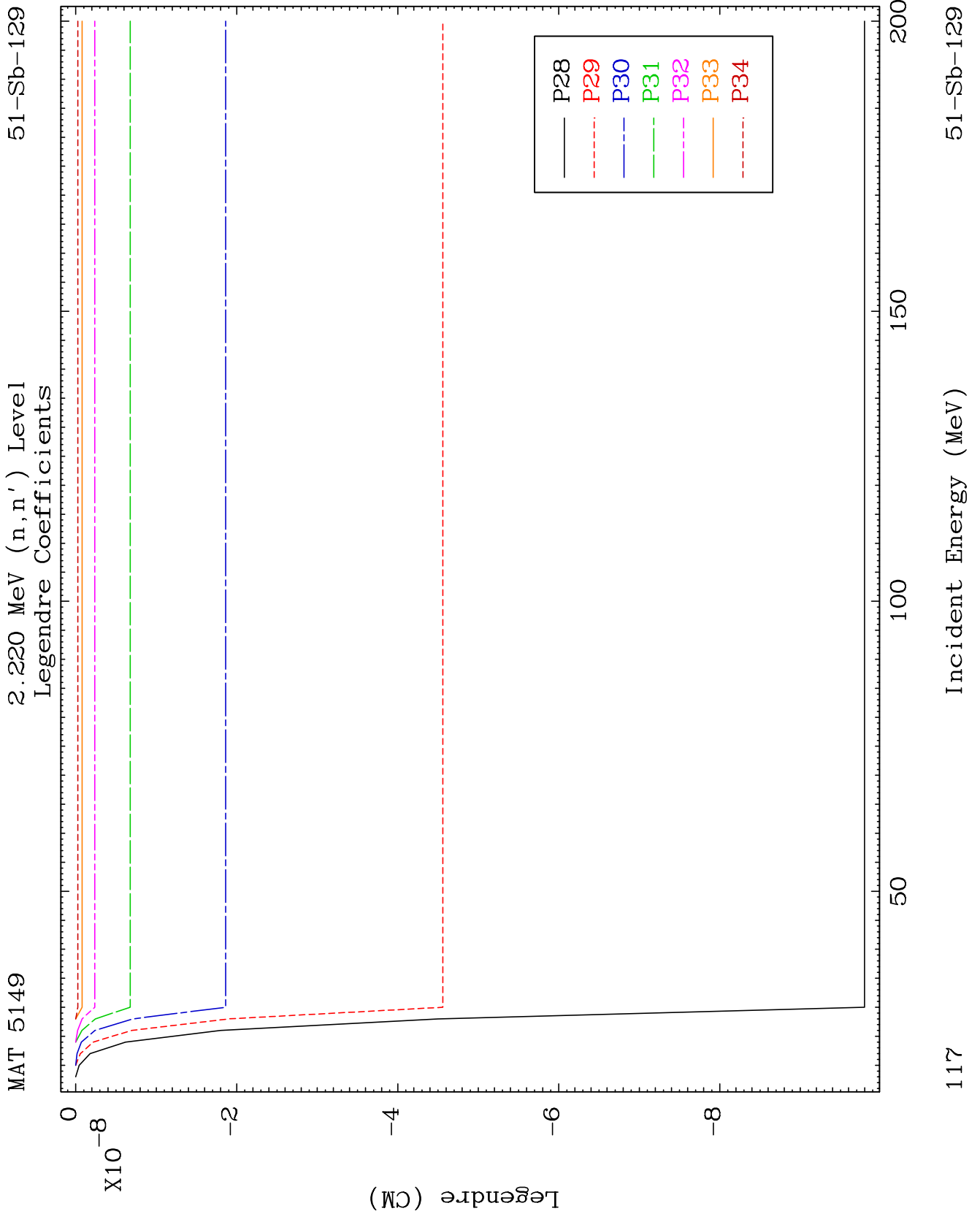








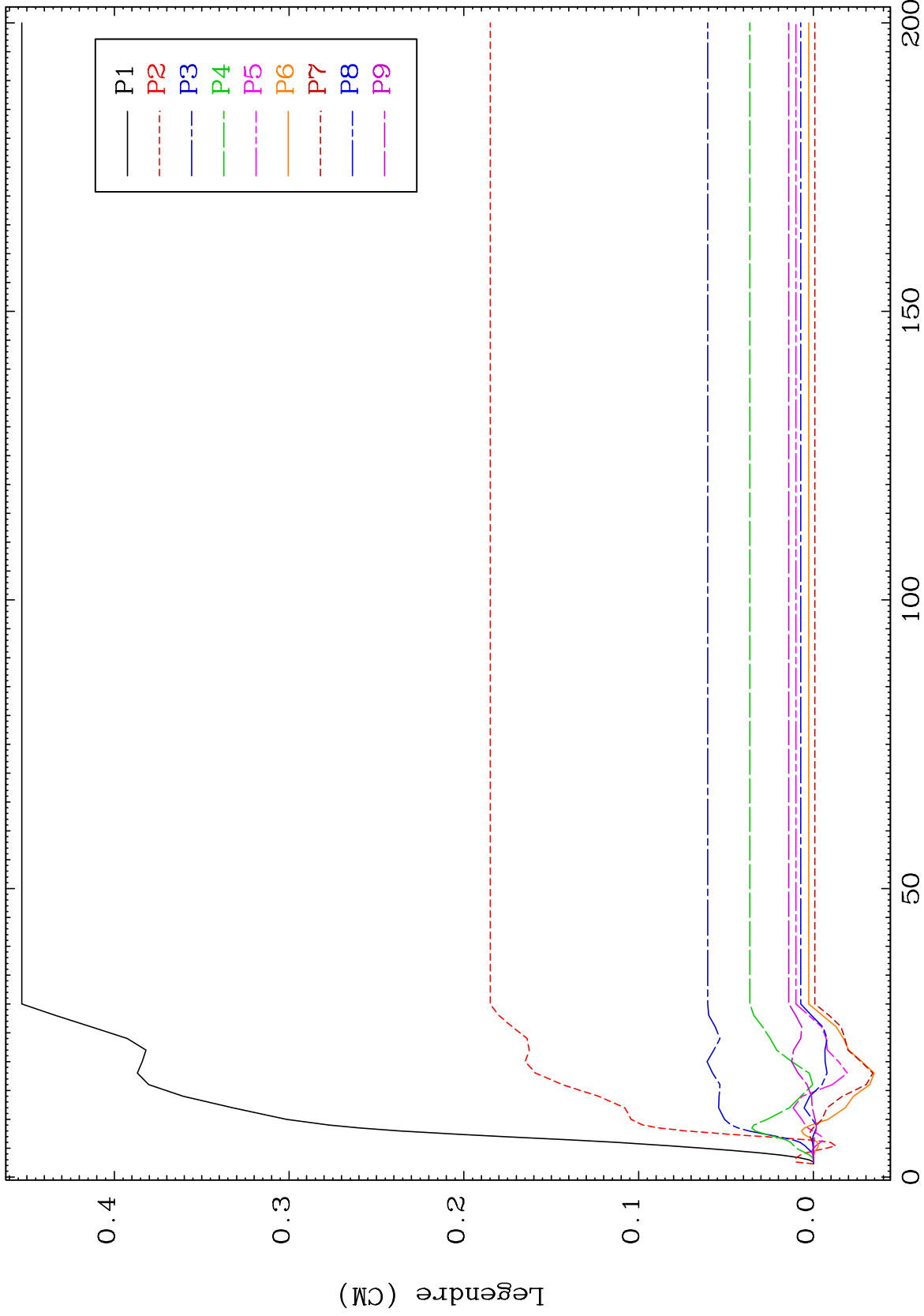




MAT 5149

2.260 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



118

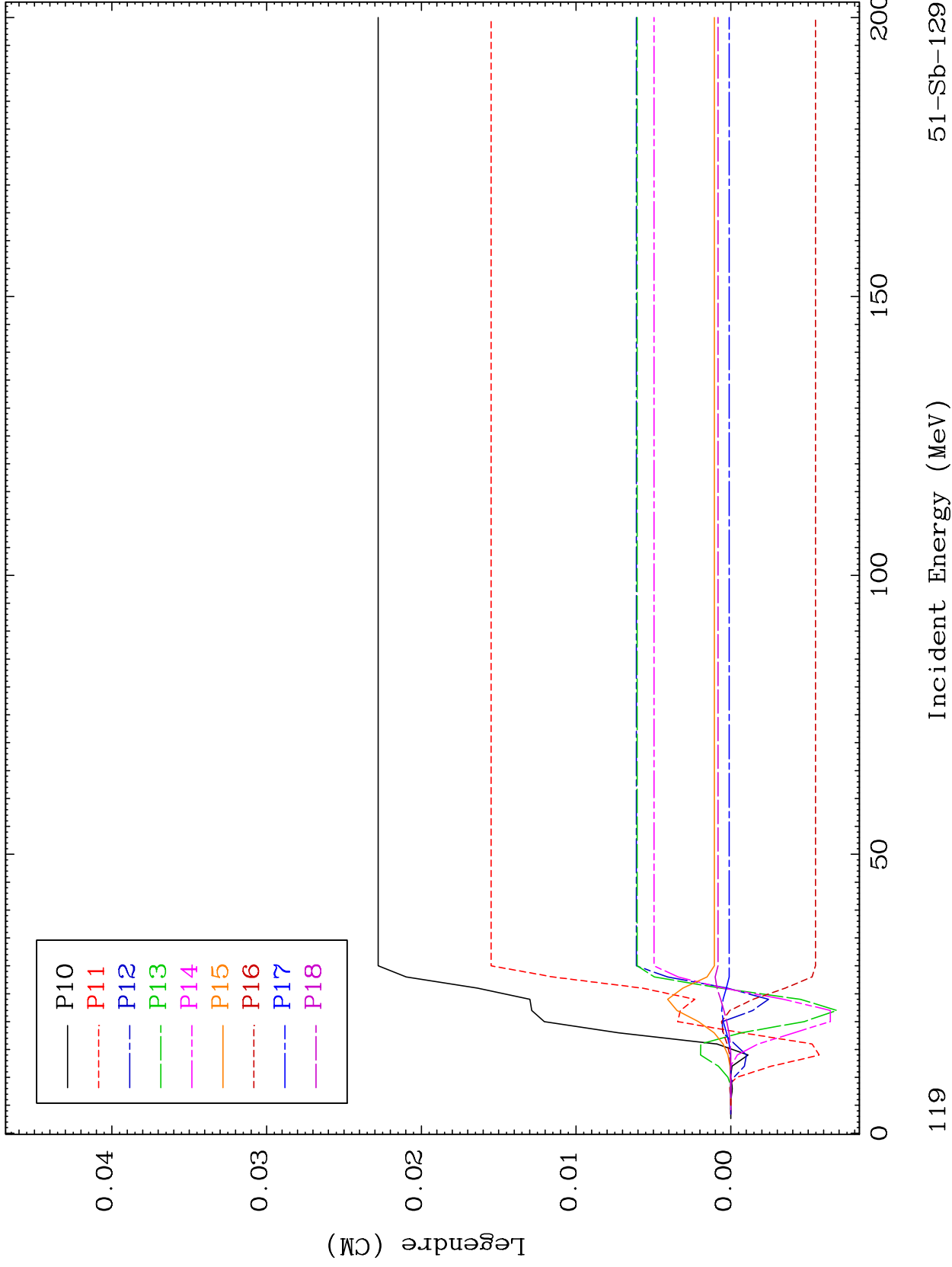
Incident Energy (MeV)

51-Sb-129

MAT 5149

2.260 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



119

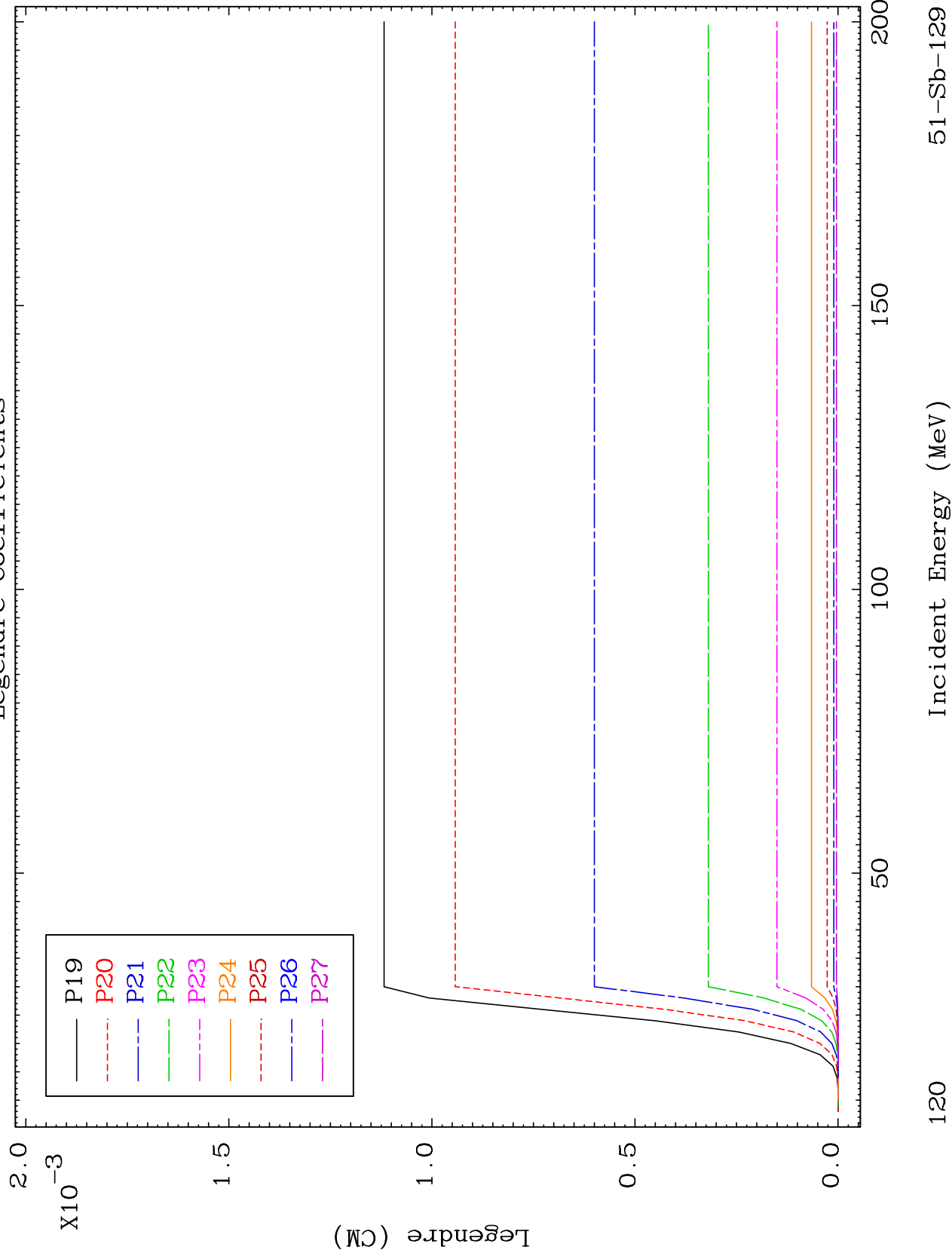
Incident Energy (MeV)

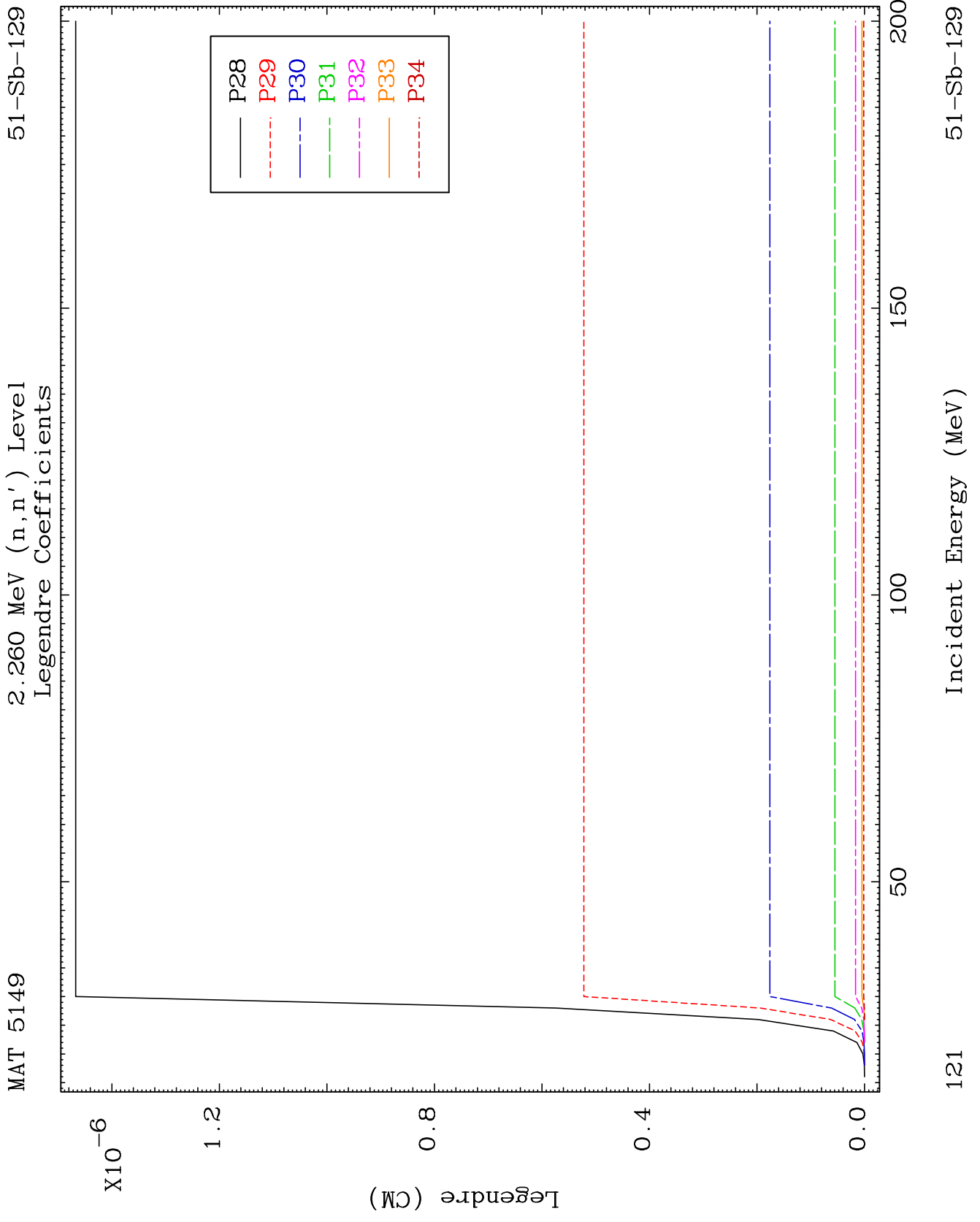
51-Sb-129

MAT 5149

2.260 MeV (n,n') Level
Legendre Coefficients

51-Sb-129

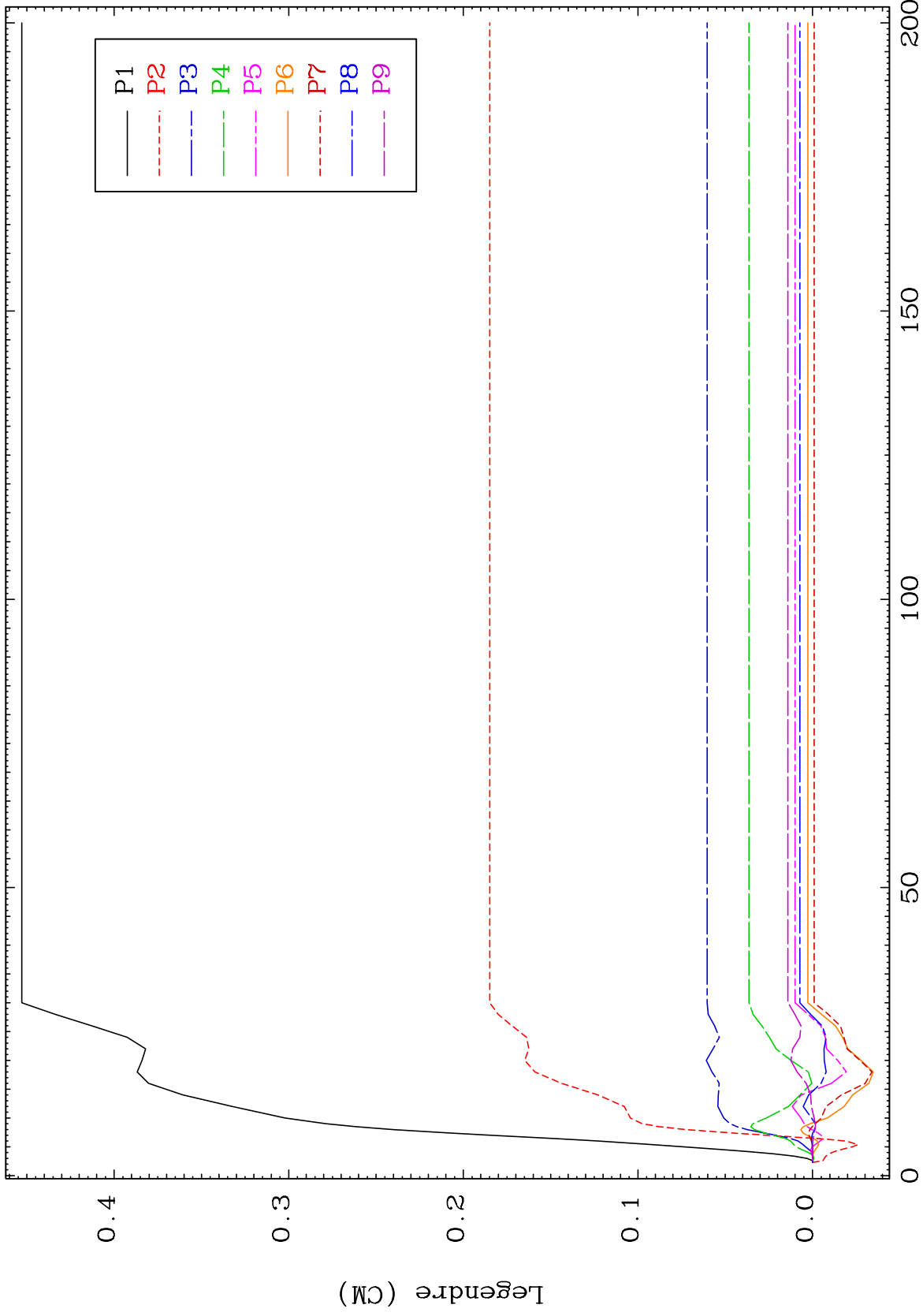




MAT 5149

2.263 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



122

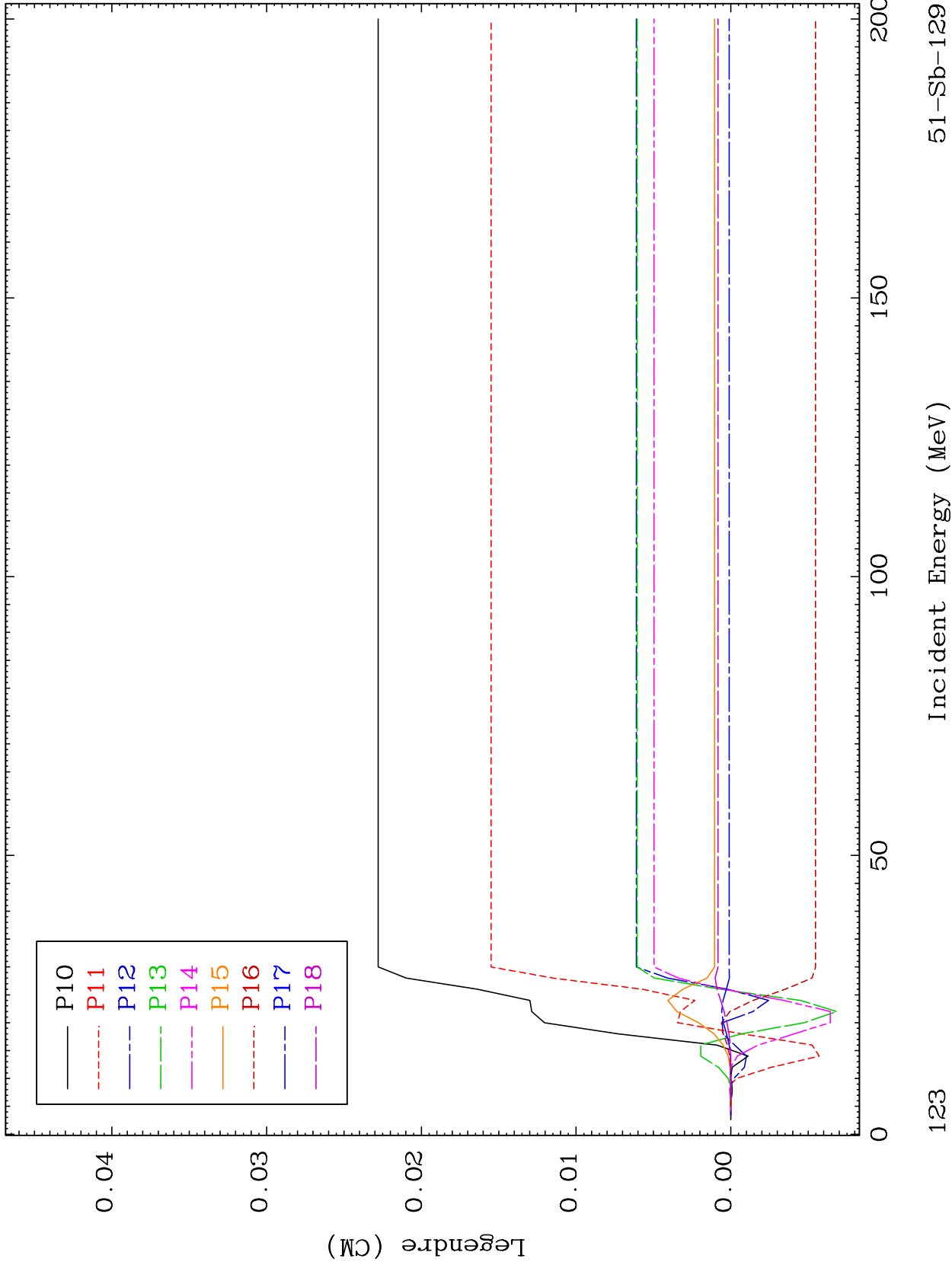
Incident Energy (MeV)

51-Sb-129

MAT 5149

2.263 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



123

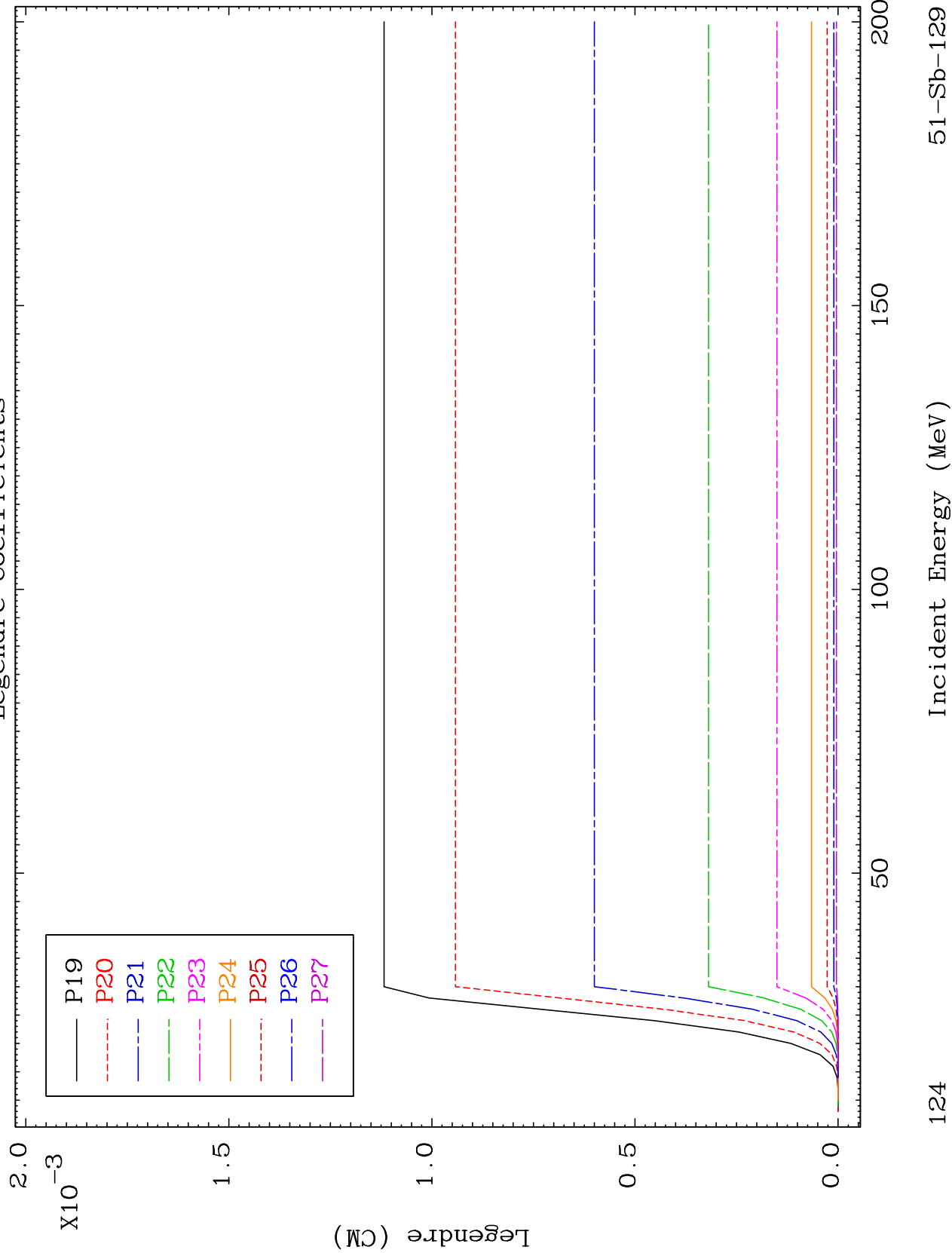
Incident Energy (MeV)

51-Sb-129

MAT 5149

2.263 MeV (n,n') Level
Legendre Coefficients

51-Sb-129



124

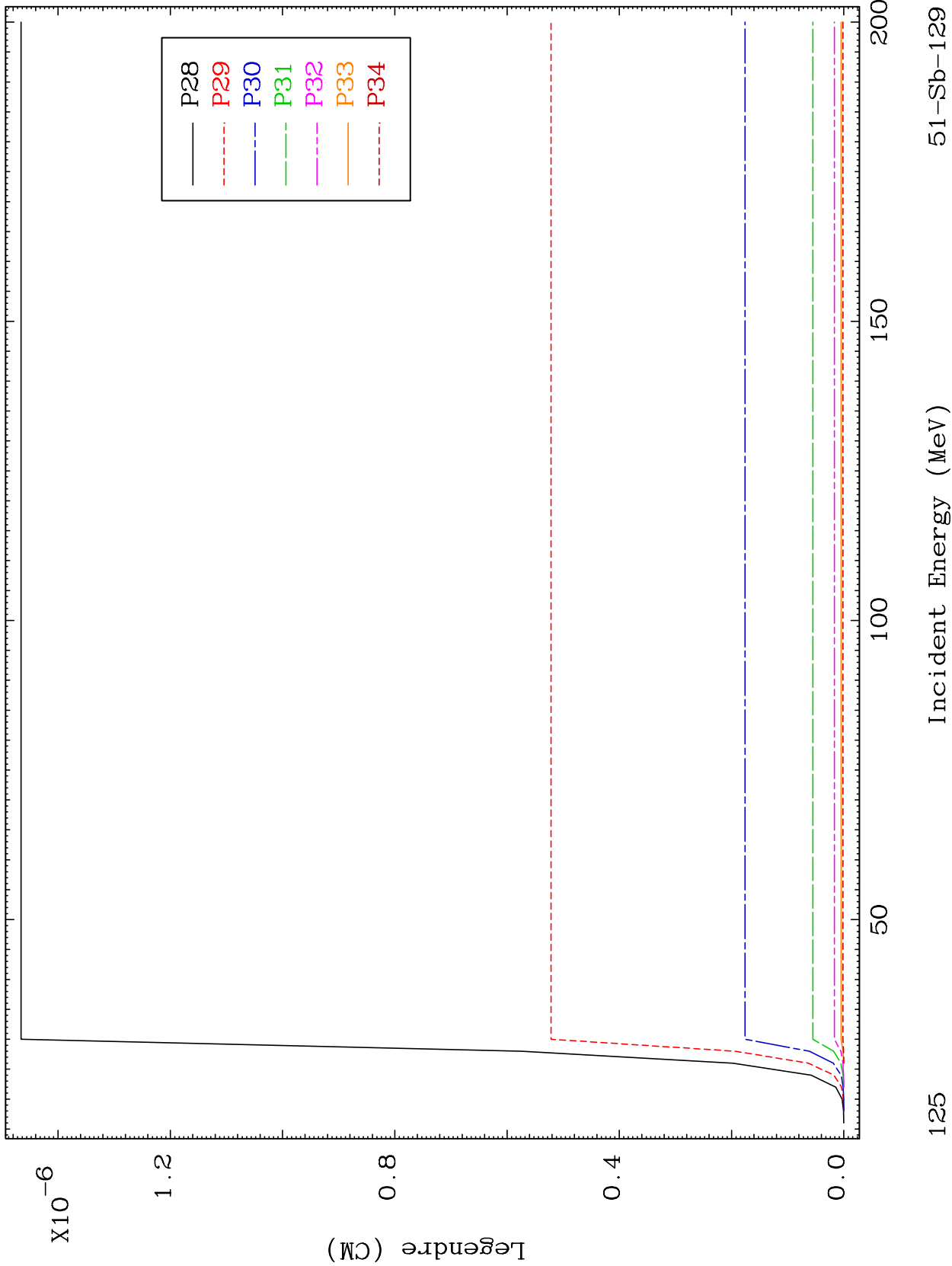
Incident Energy (MeV)

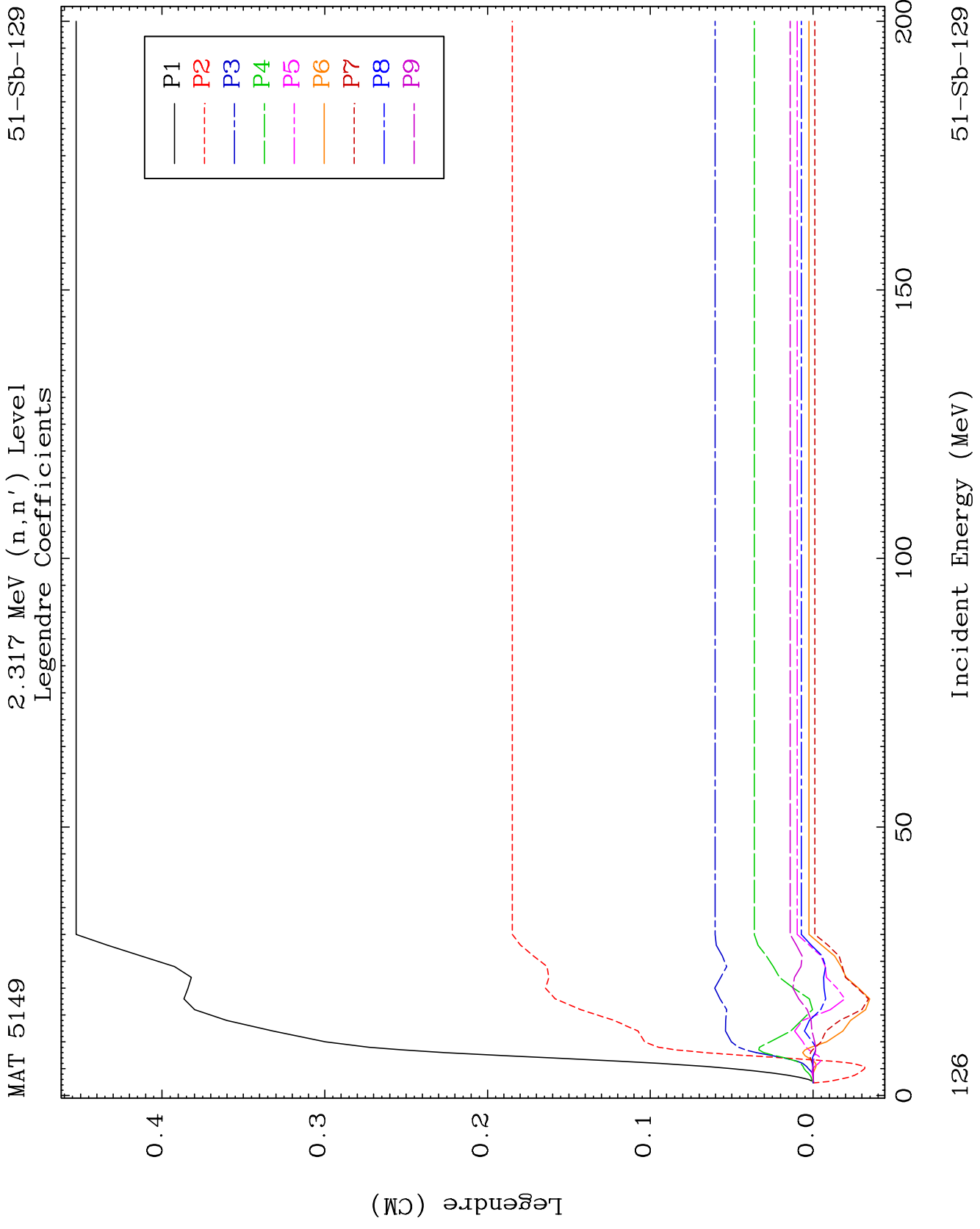
51-Sb-129

MAT 5149

2.263 MeV (n,n') Level
Legendre Coefficients

51-Sb-129

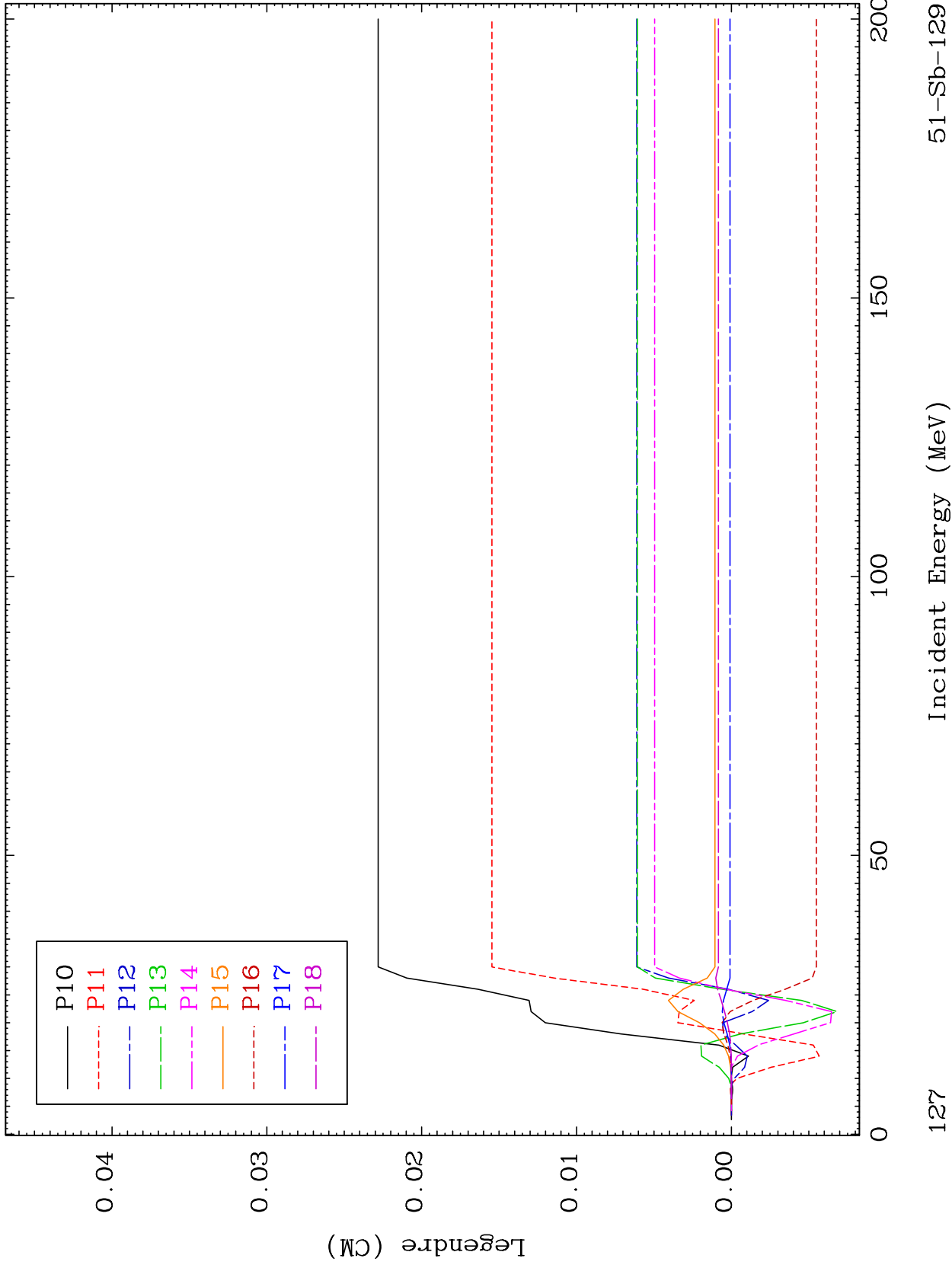




MAT 5149

2.317 MeV (n,n') Level
Legendre Coefficients

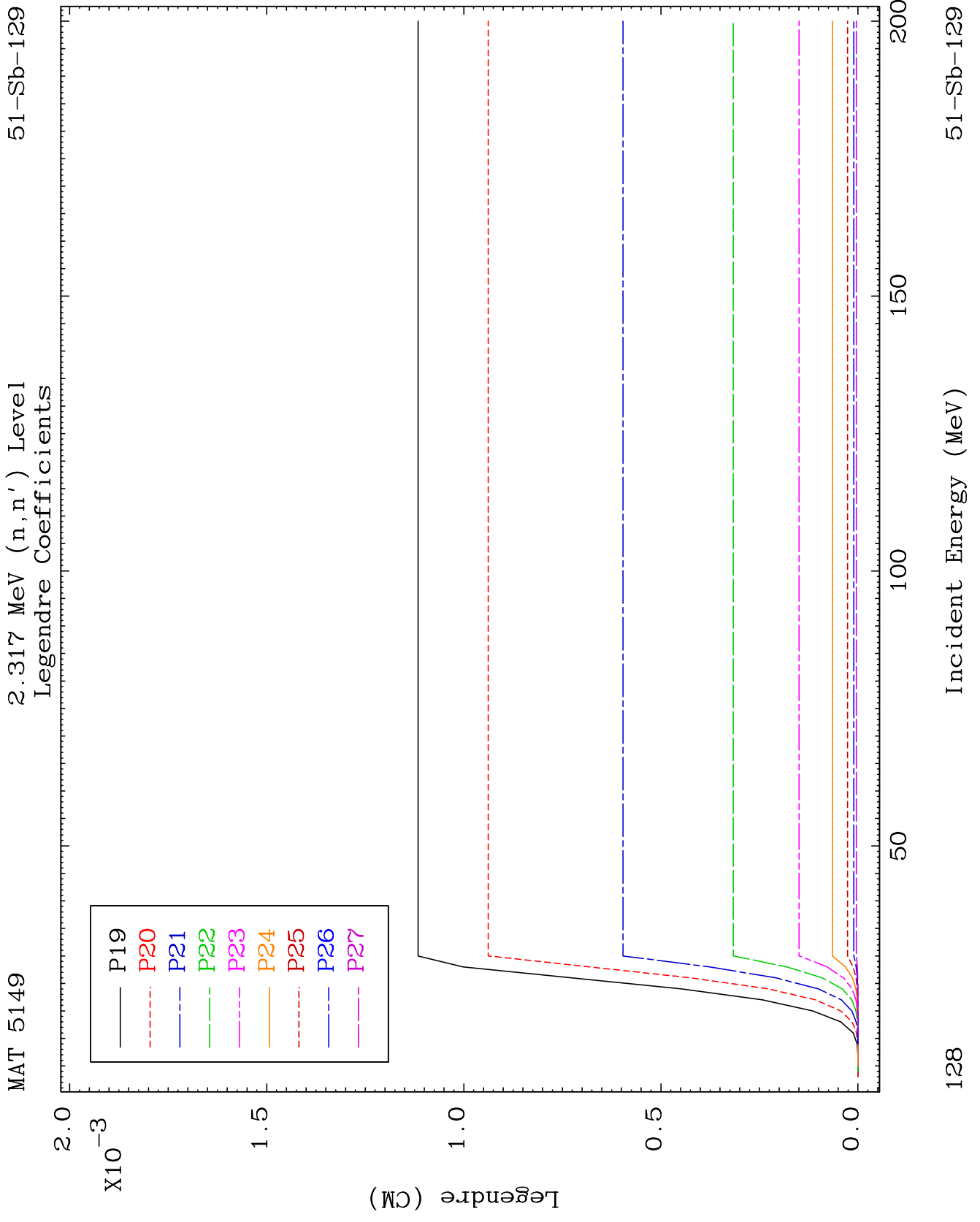
51-Sb-129

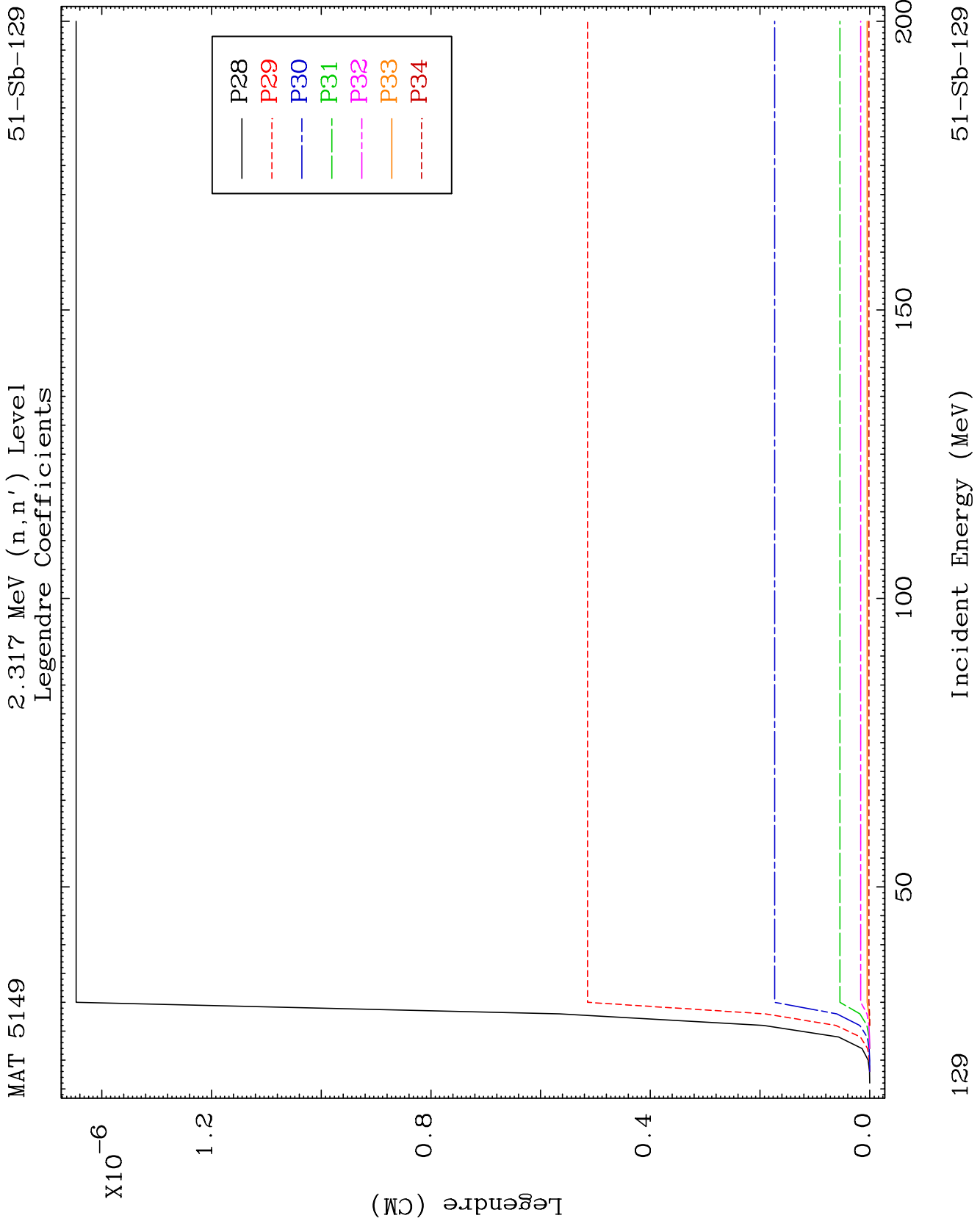


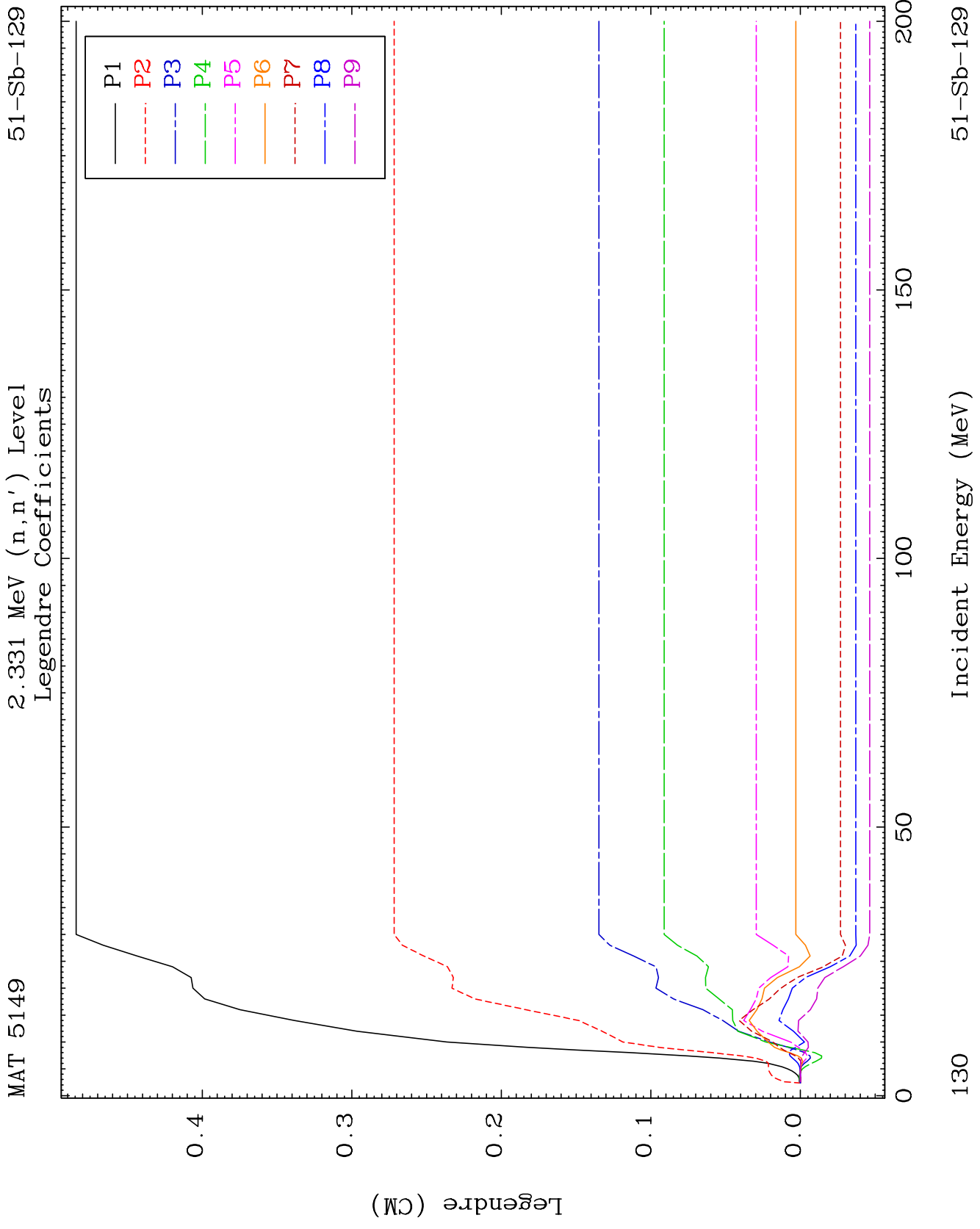
127

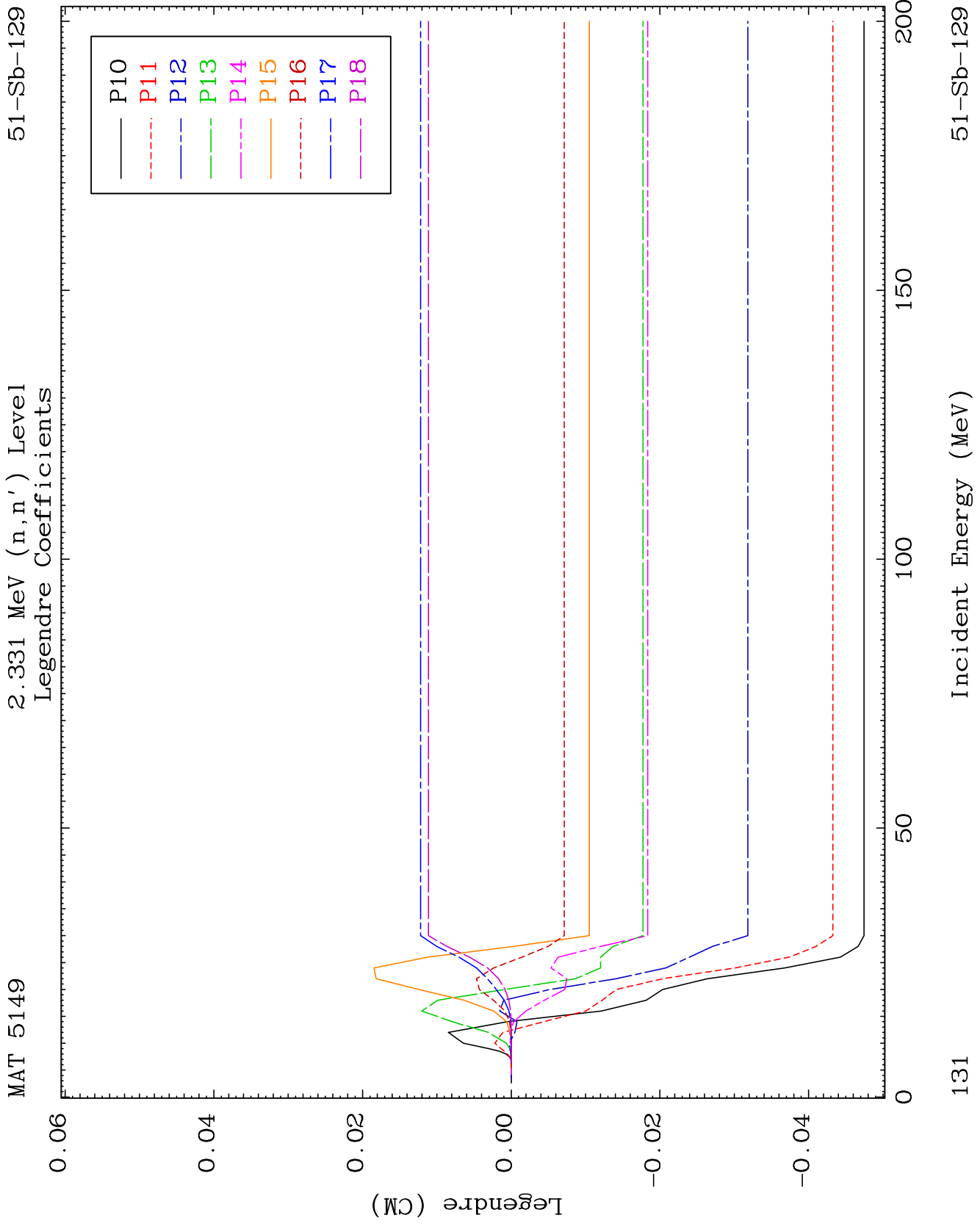
Incident Energy (MeV)

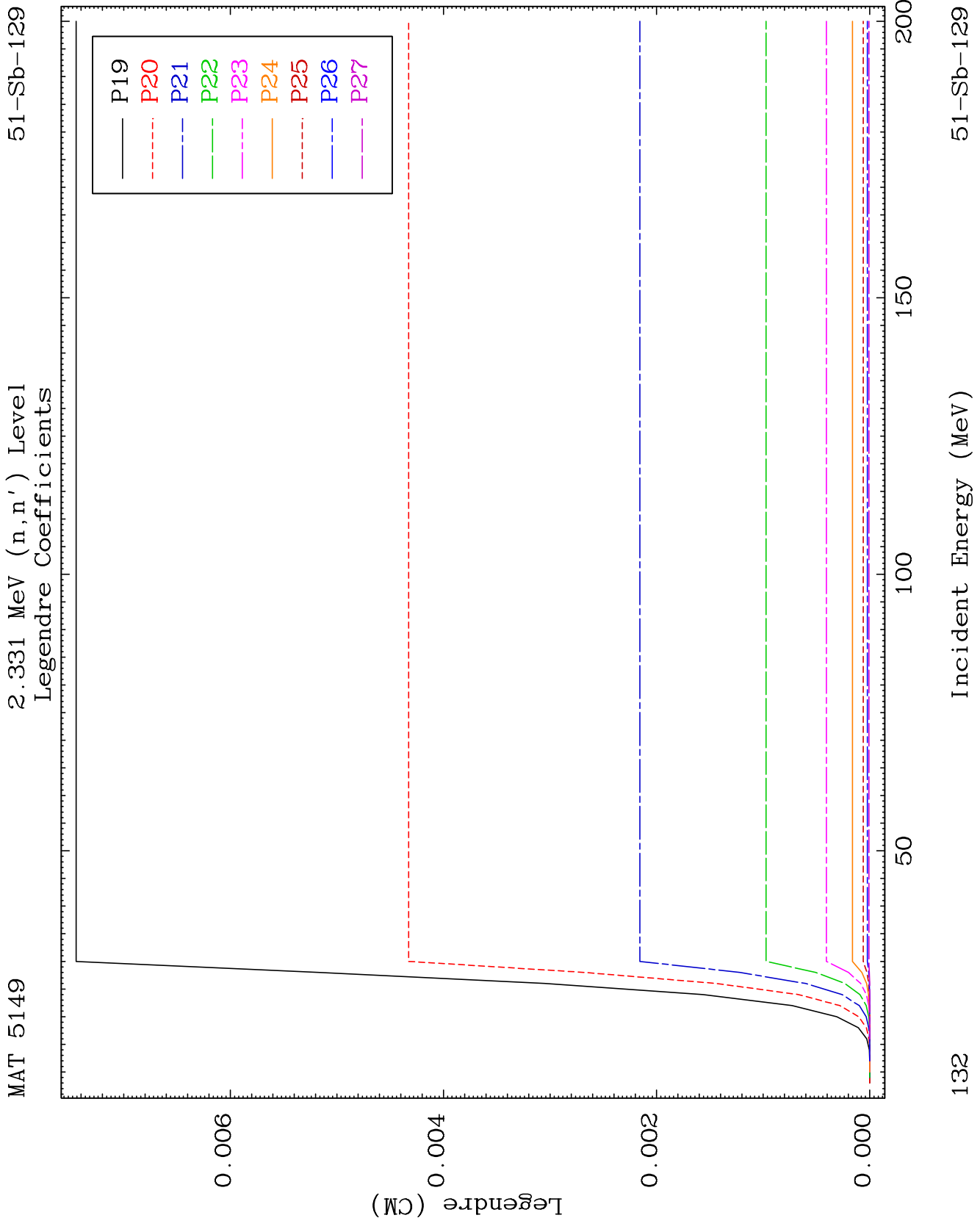
51-Sb-129

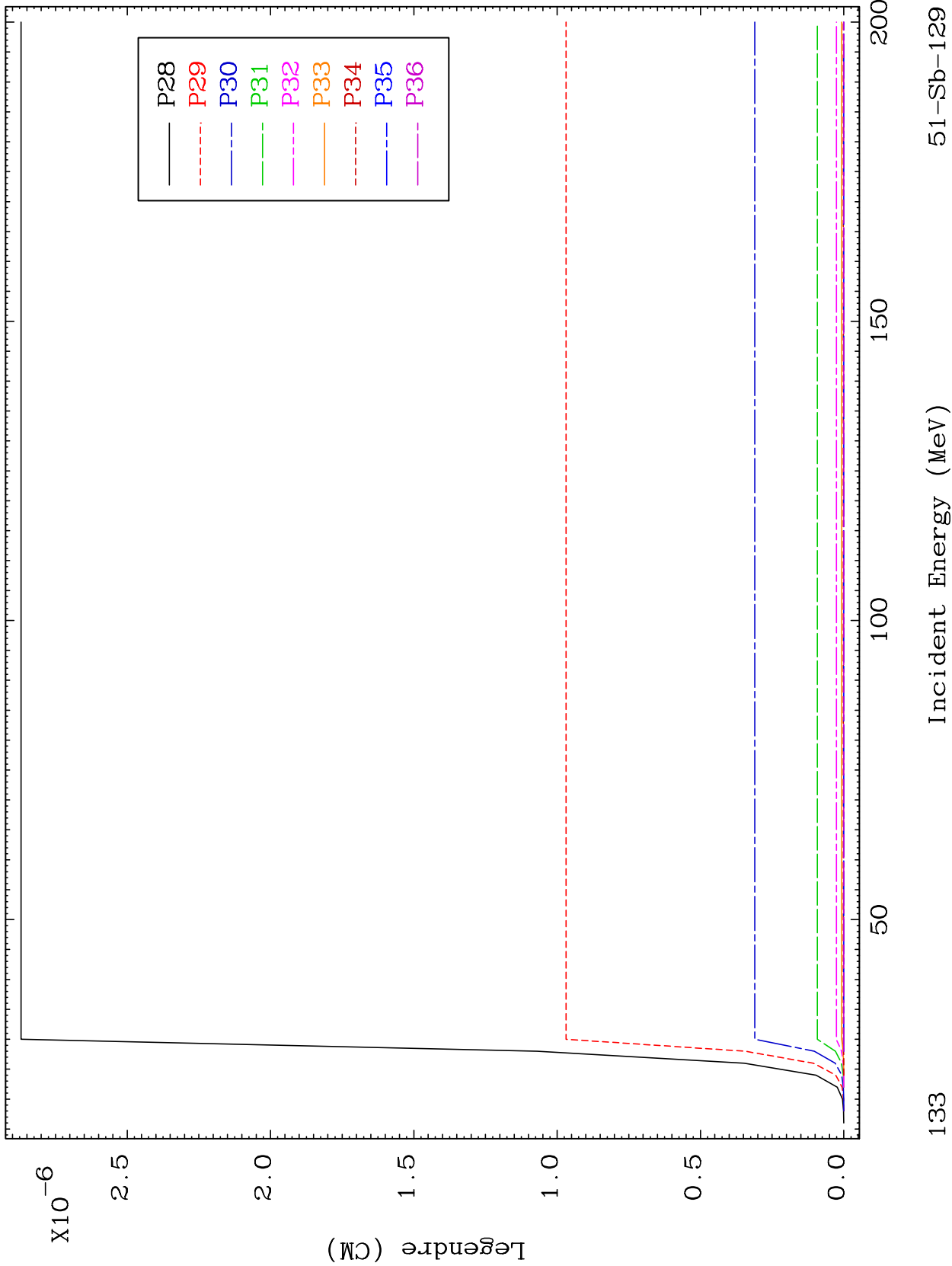








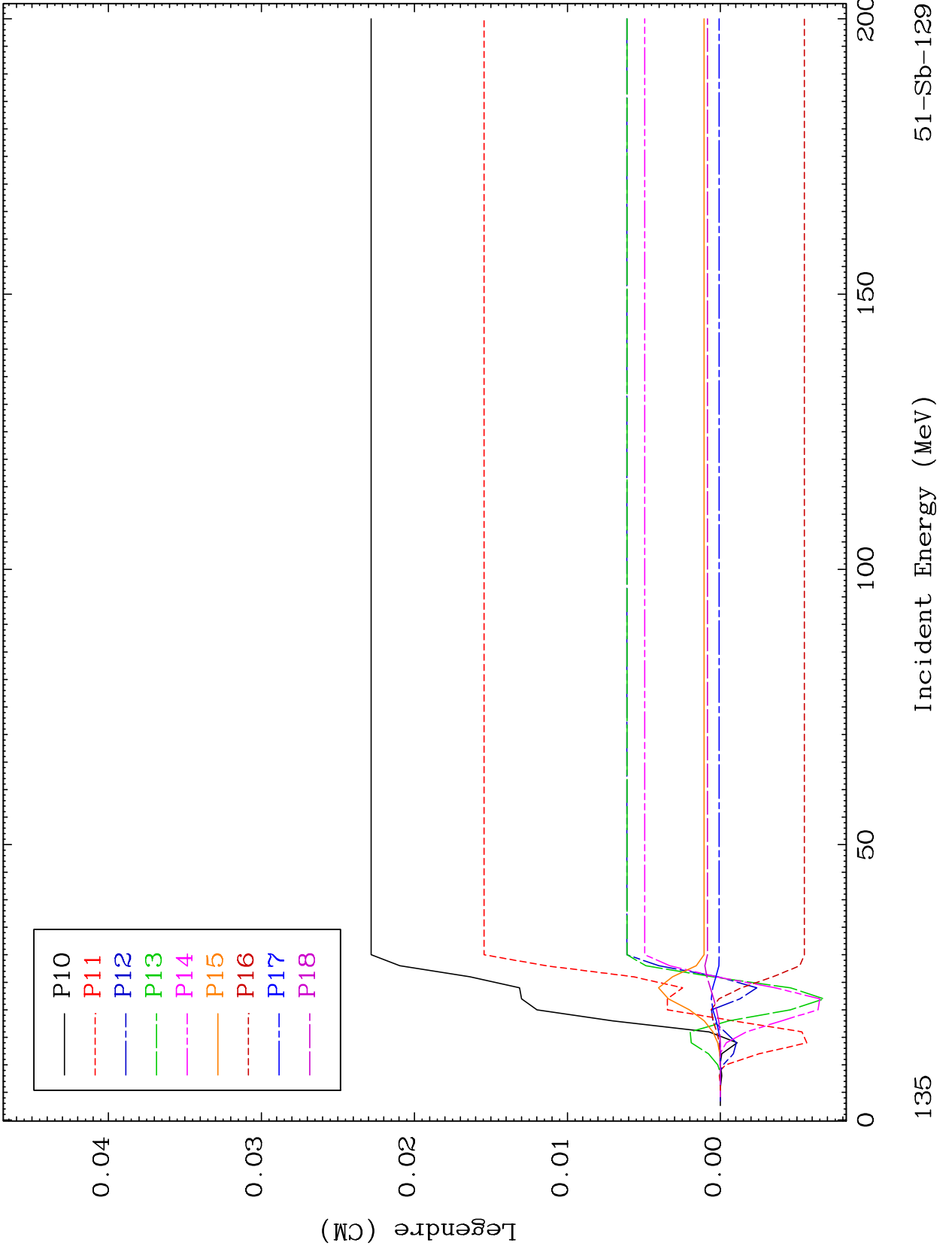




MAT 5149

2.369 MeV (n,n') Level
Legendre Coefficients

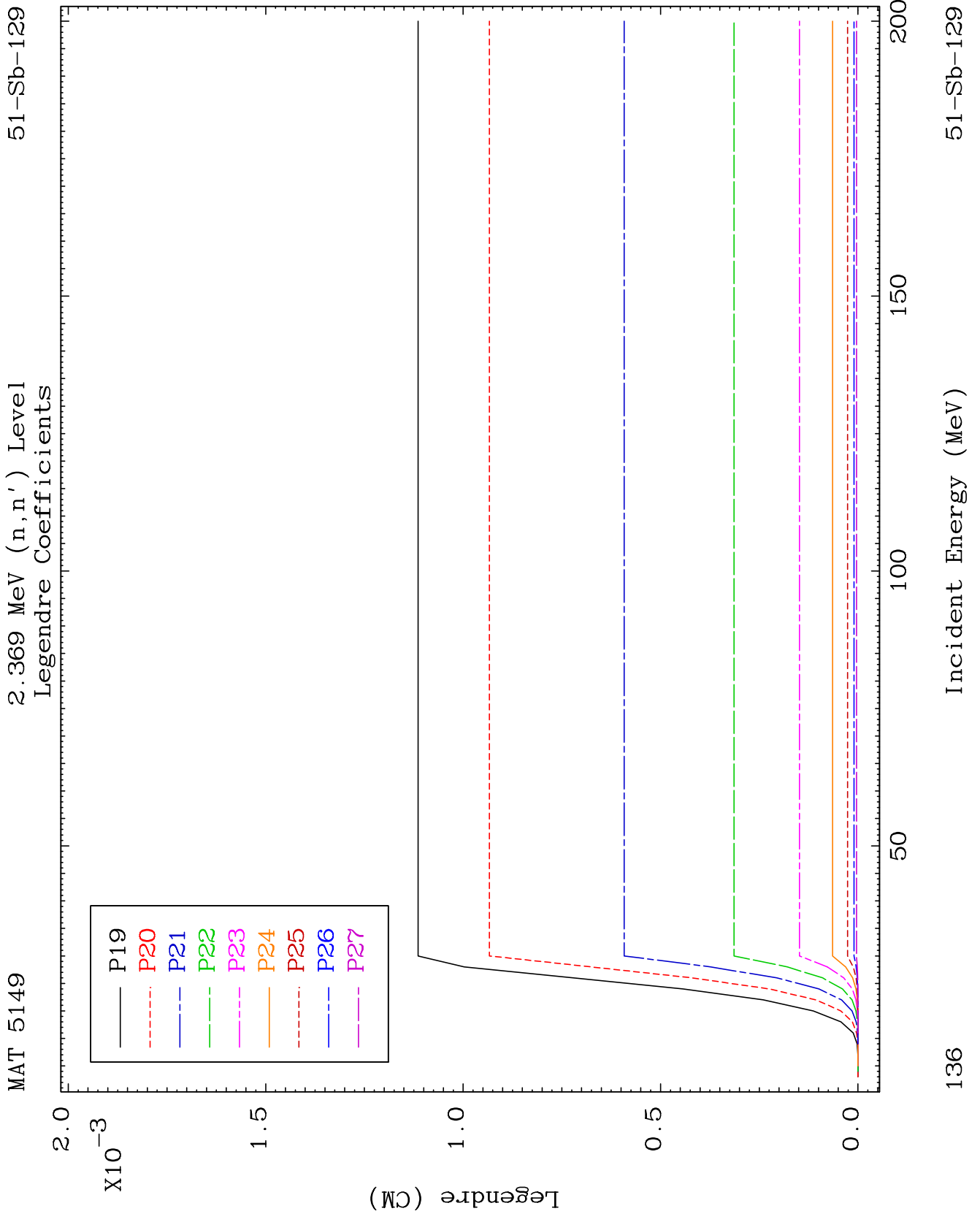
51-Sb-129

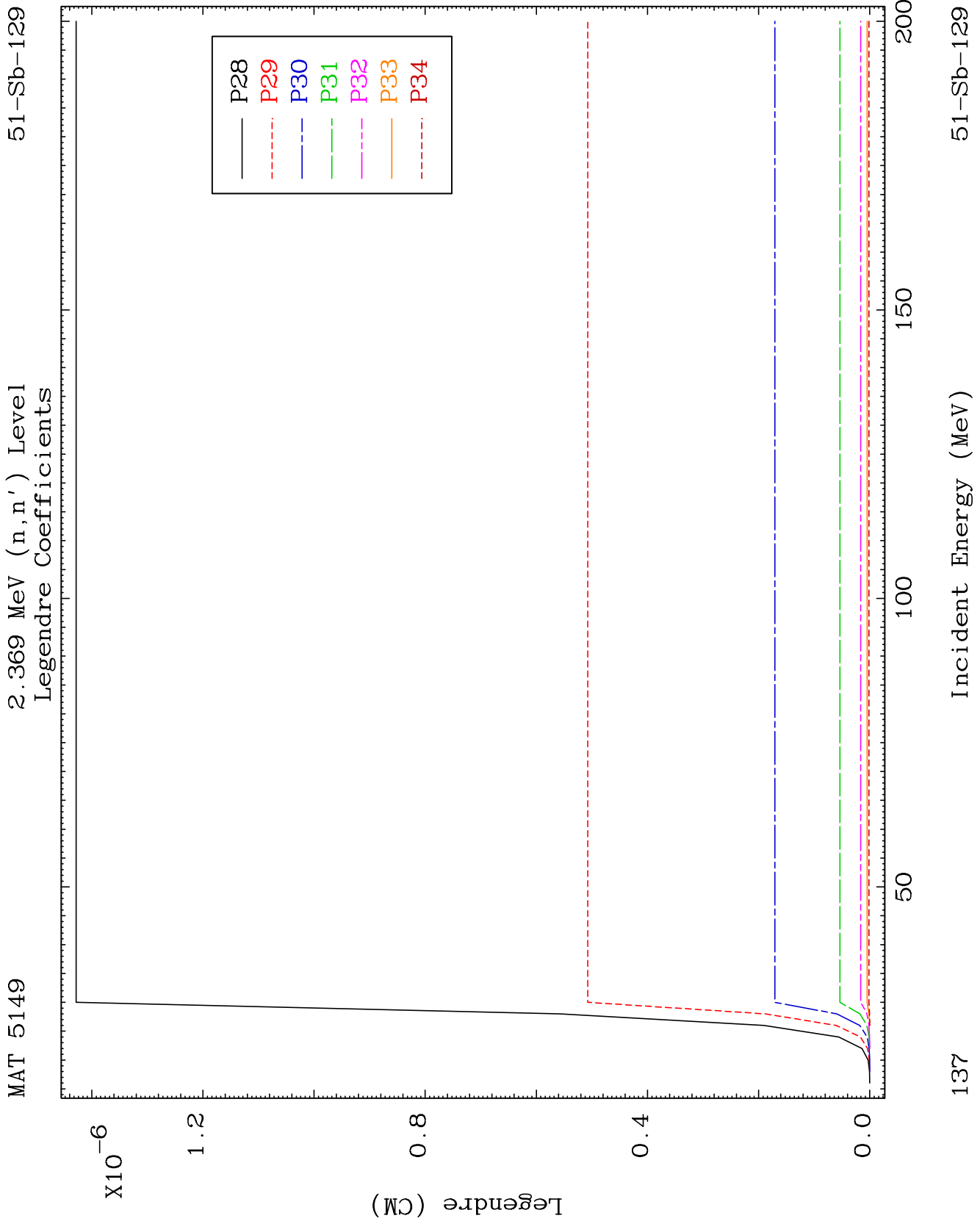


51-Sb-129

Incident Energy (MeV)

135

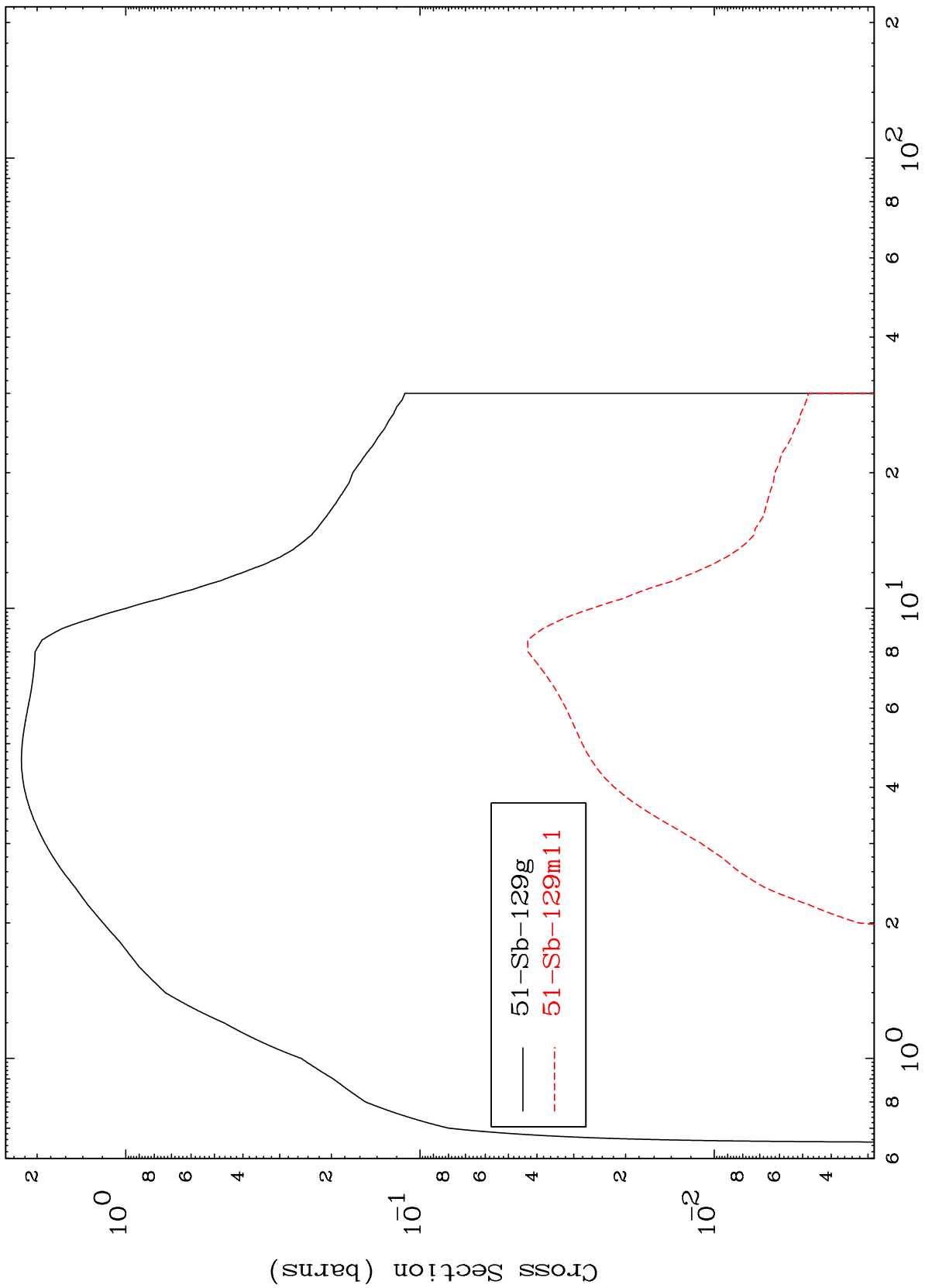




MAT 5149

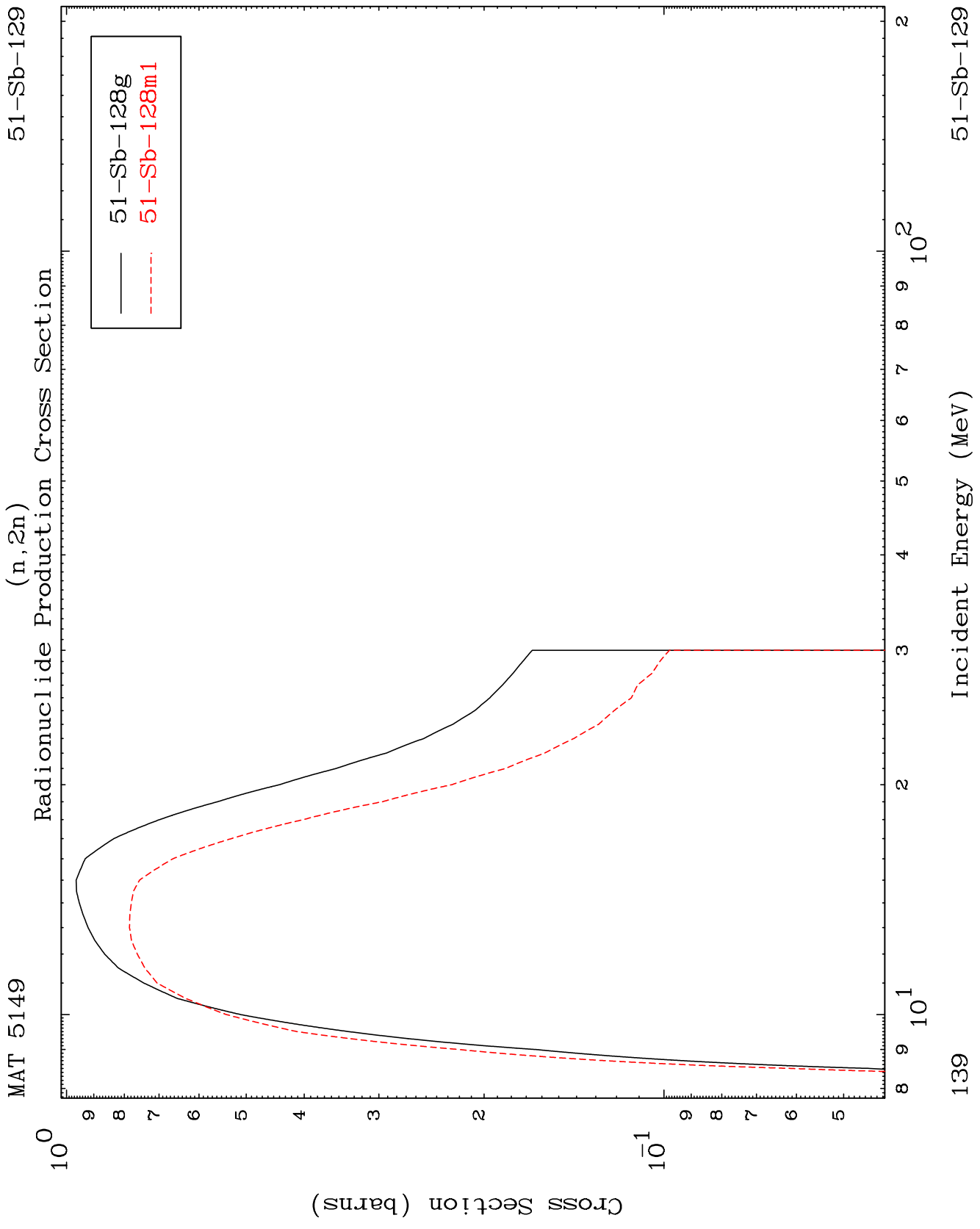
51-Sb-129

Inelastic
Radionuclide Production Cross Section



138

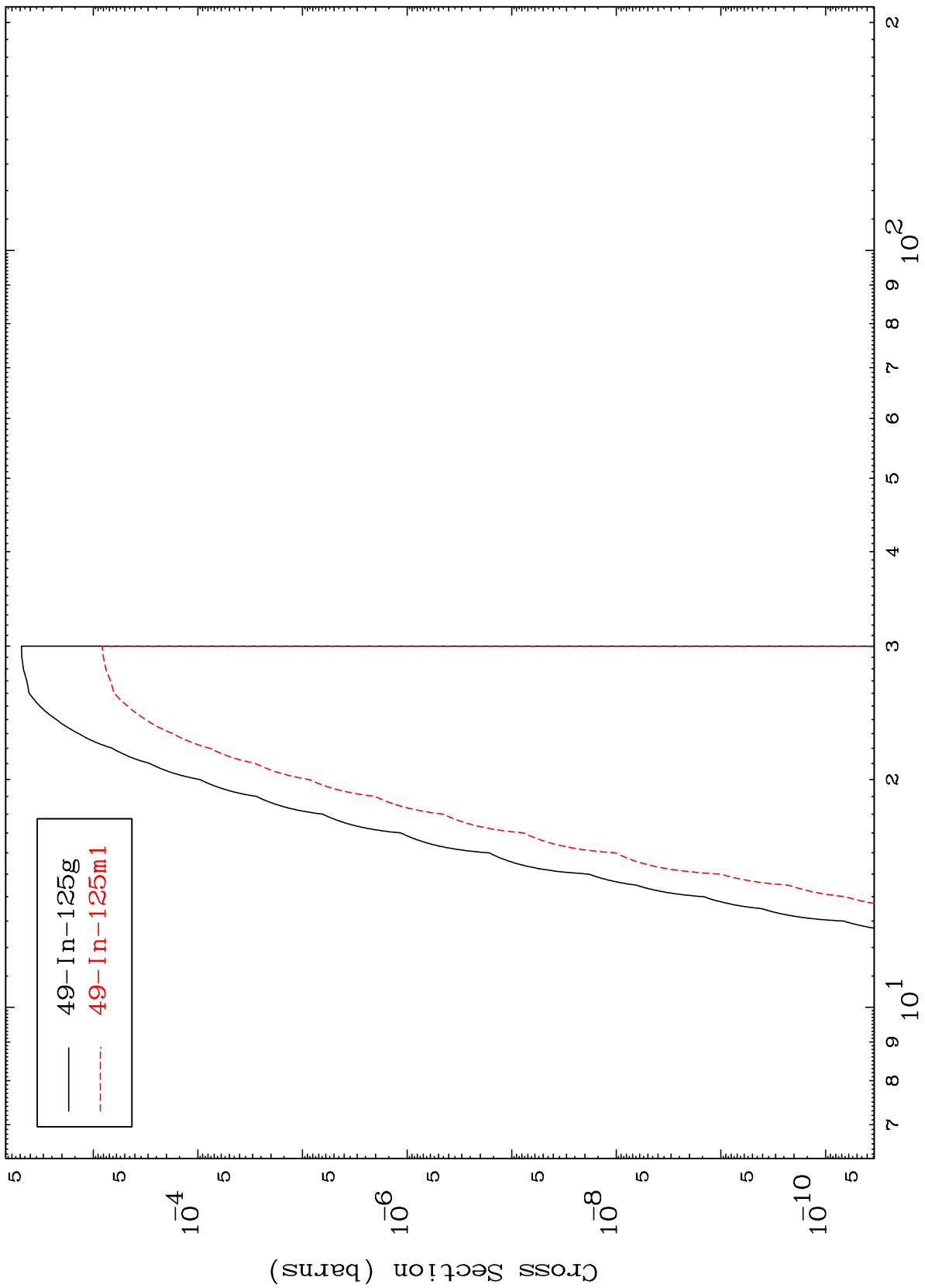
51-Sb-129



MAT 5149

51-Sb-129

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



140

Incident Energy (MeV)

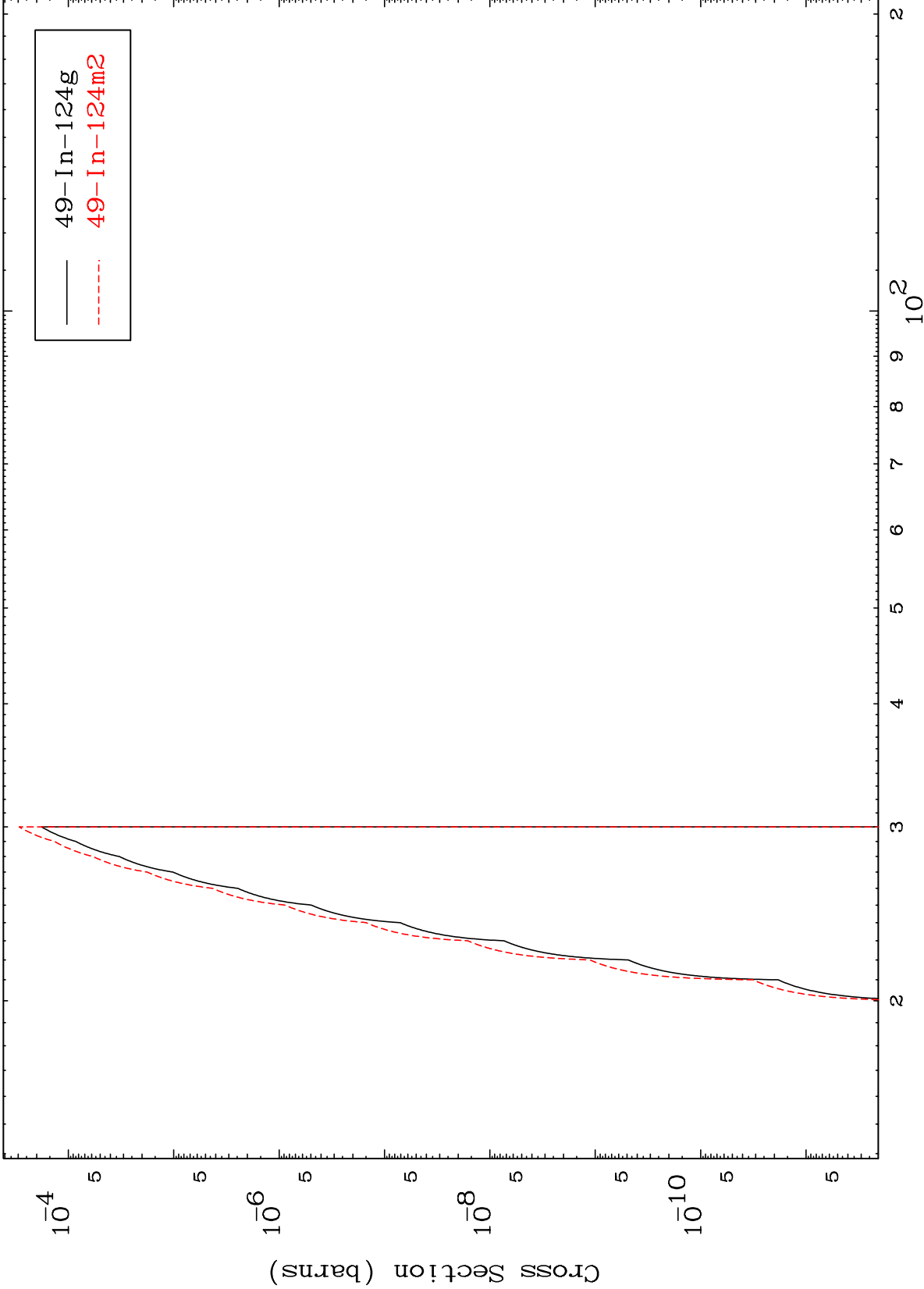
51-Sb-129

MAT 5149

(n,2n) α

51-Sb-129

Radionuclide Production Cross Section



141

Incident Energy (MeV)

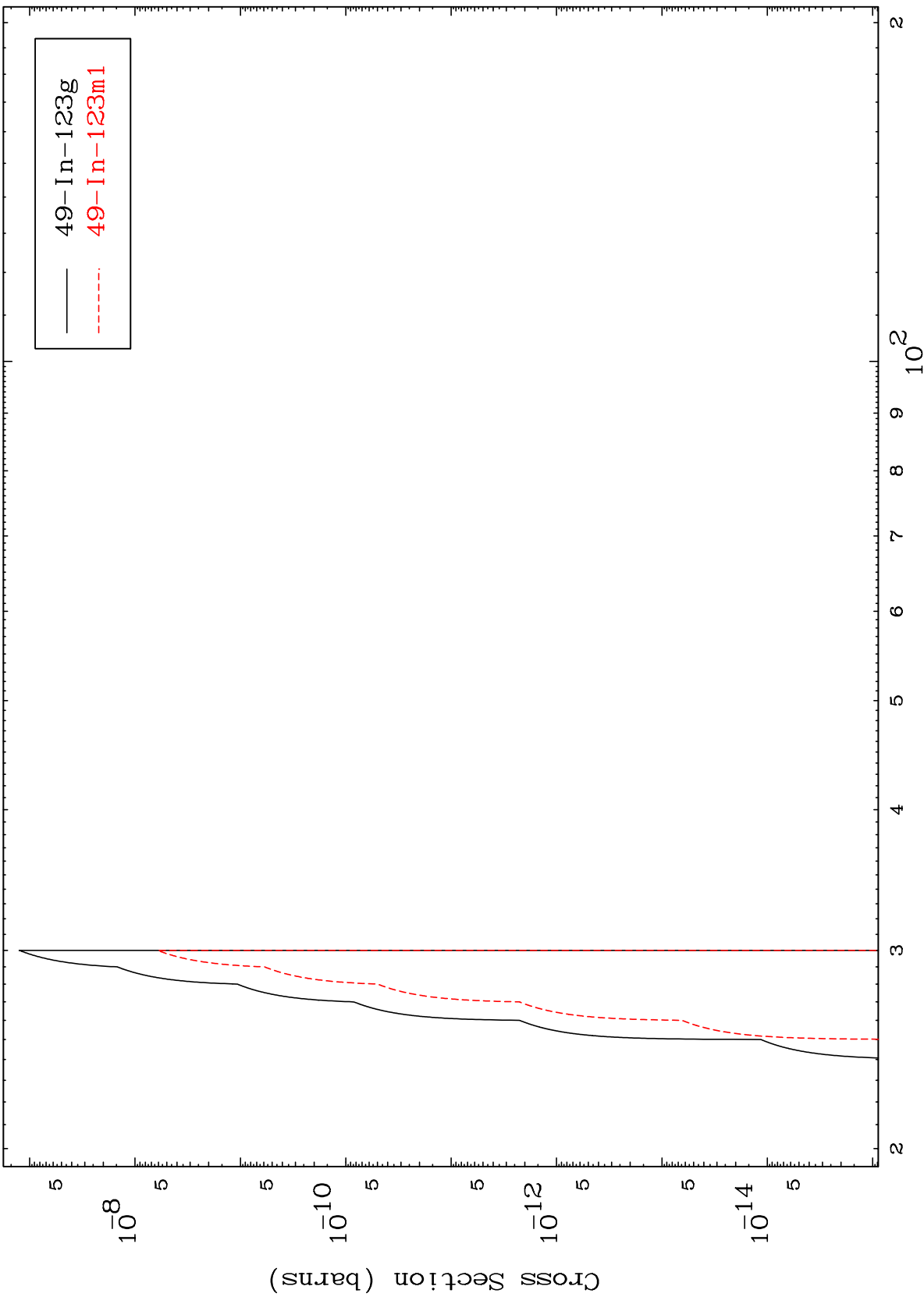
51-Sb-129

MAT 5149

(n,3n) α

51-Sb-129

Radionuclide Production Cross Section



142

Incident Energy (MeV)

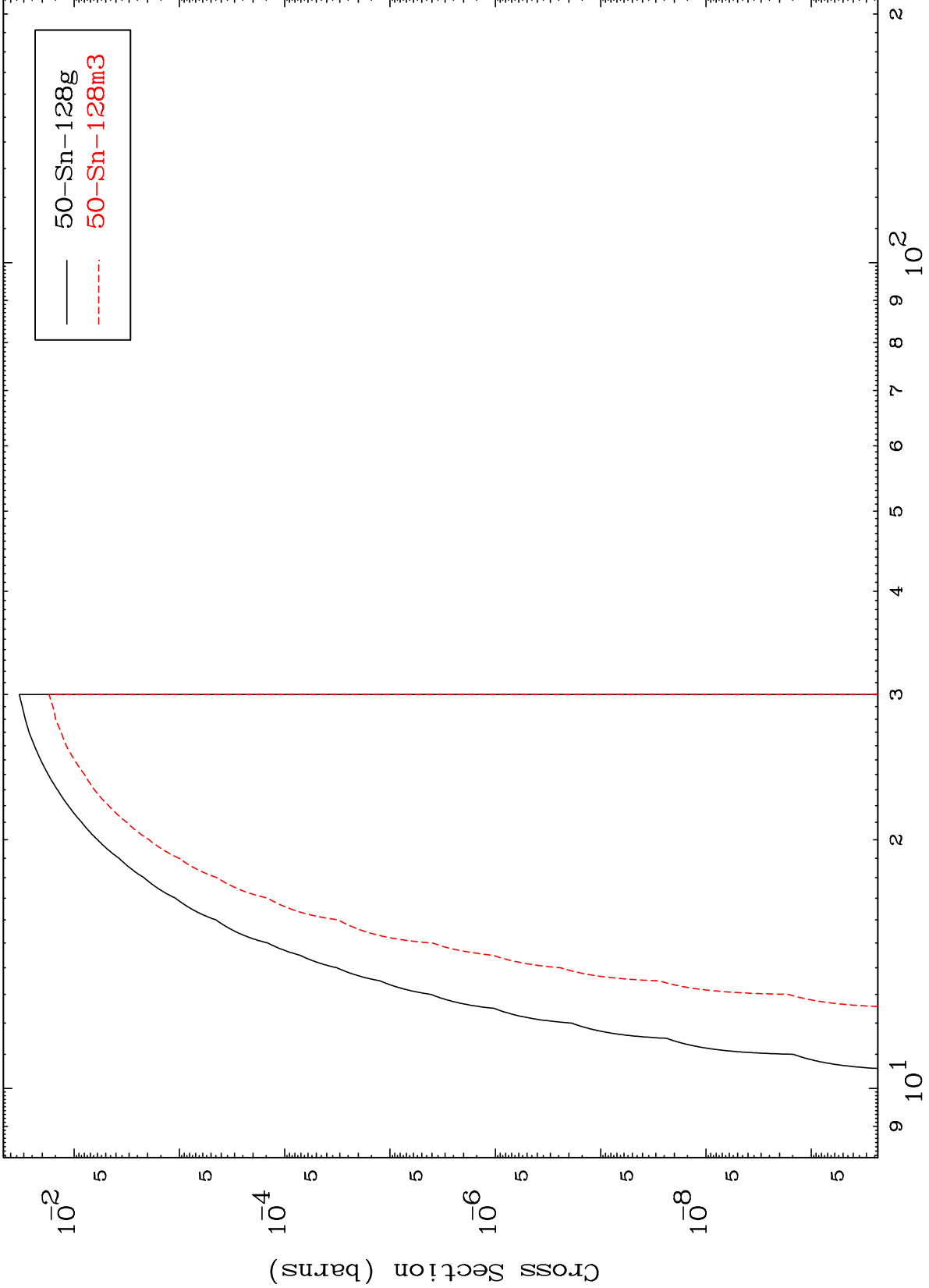
51-Sb-129

MAT 5149

(n,n') p

51-Sb-129

Radionuclide Production Cross Section

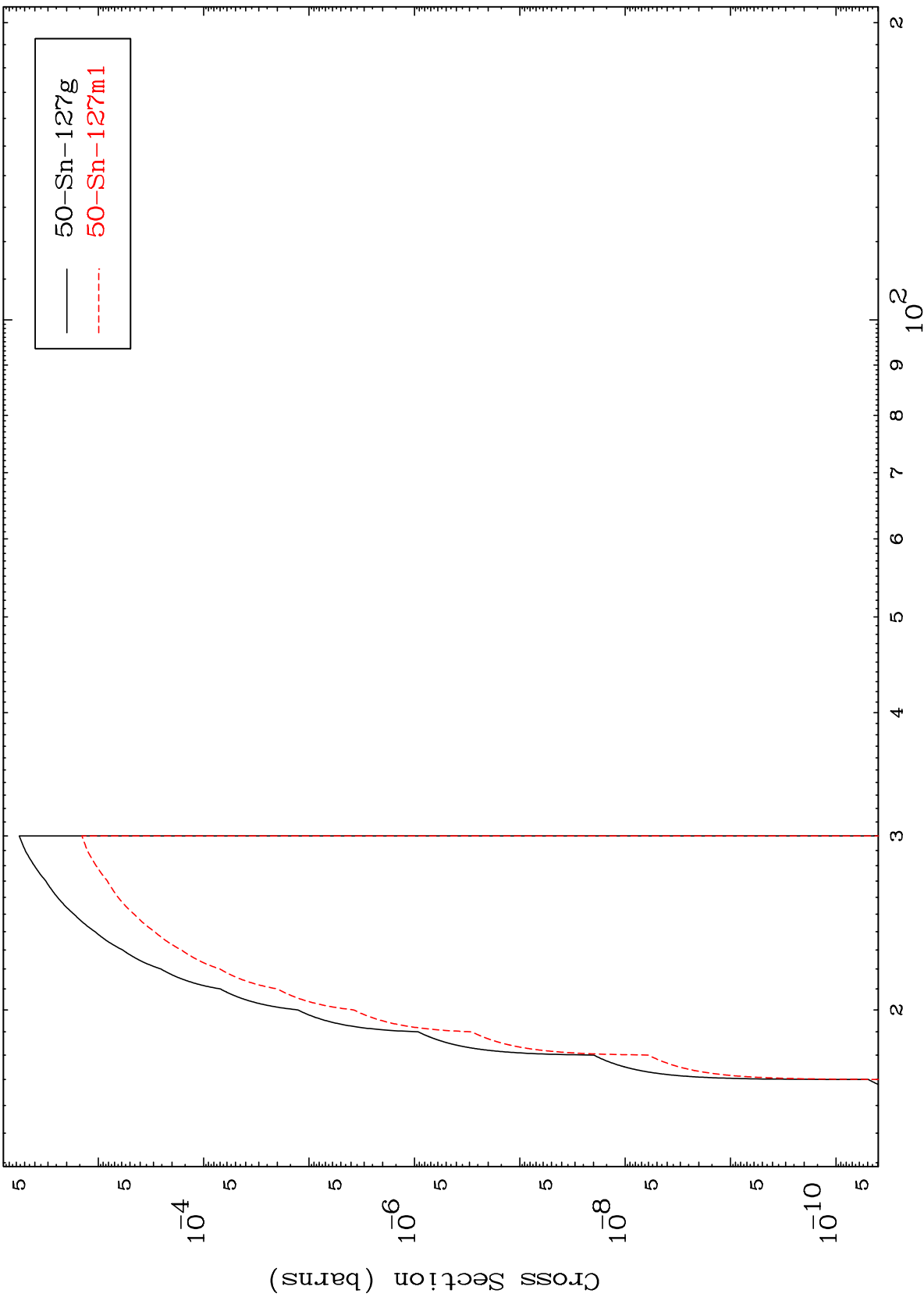


143

Incident Energy (MeV)

51-Sb-129

Radionuclide Production Cross Section

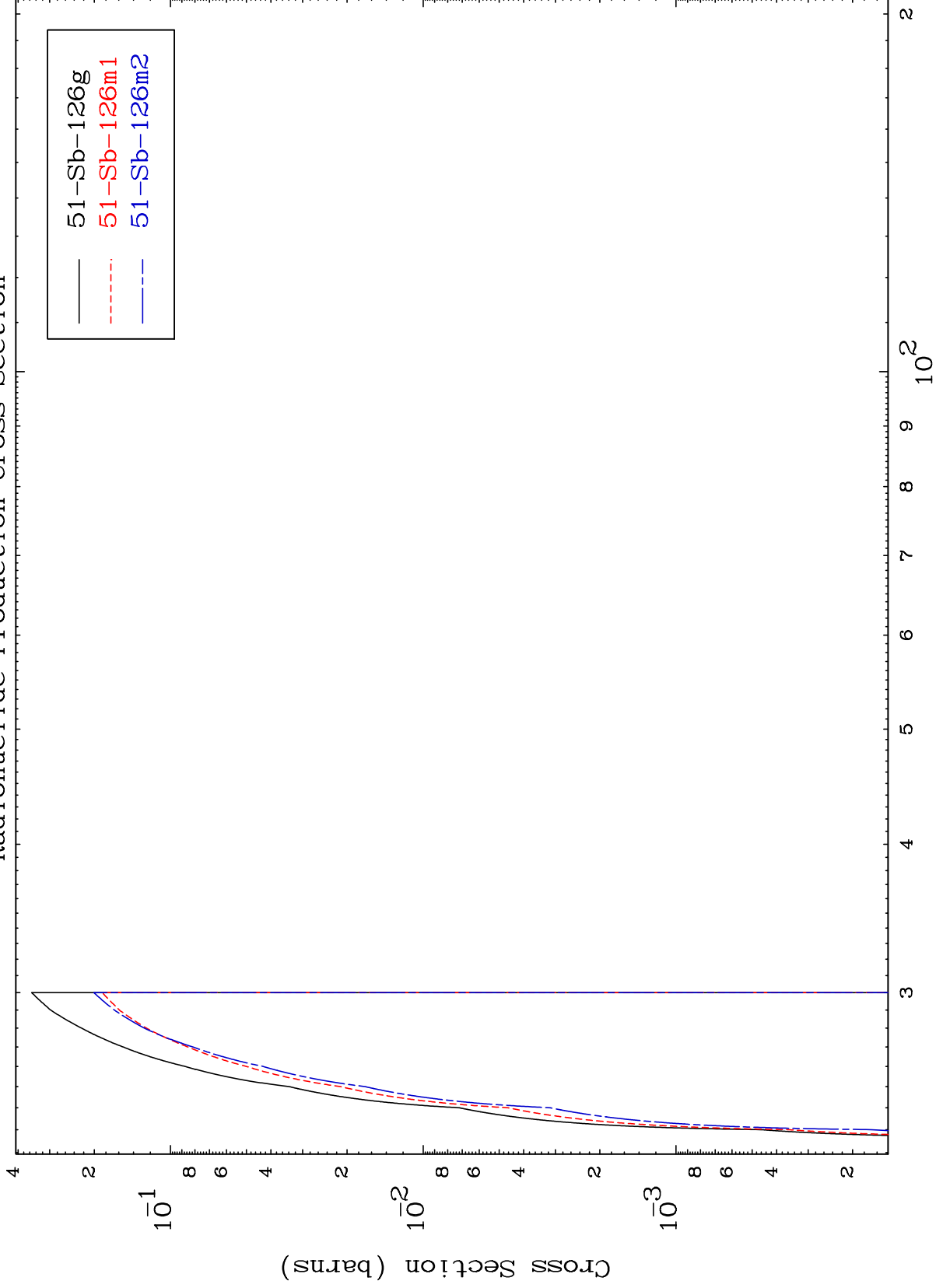


MAT 5149

(n,4n)

51-Sb-129

Radionuclide Production Cross Section



145

Incident Energy (MeV)

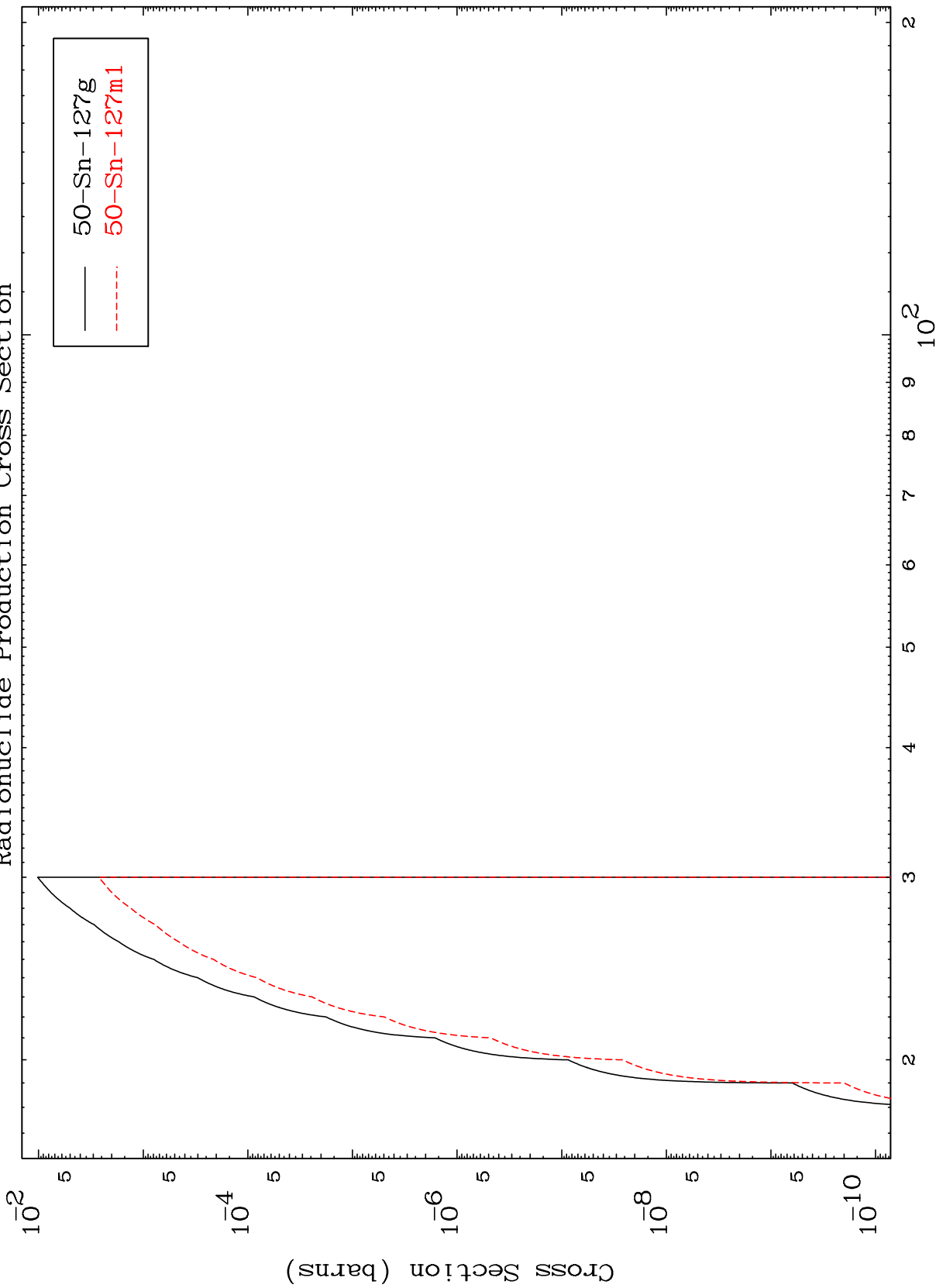
51-Sb-129

MAT 5149

(n,2n) p

51-Sb-129

Radionuclide Production Cross Section



146

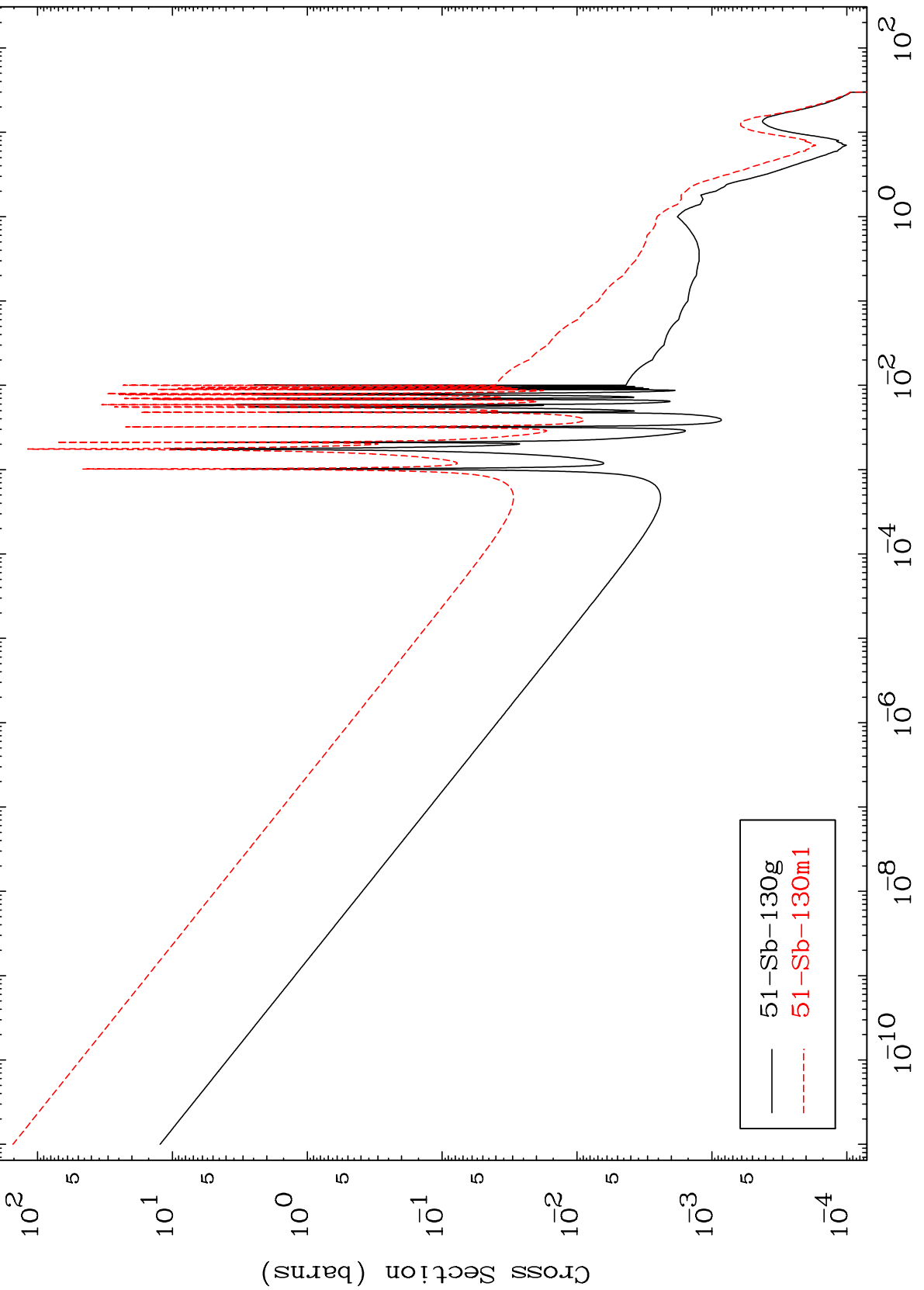
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

(n, γ)
Radionuclide Production Cross Section



— 51-Sb-130g
- - - 51-Sb-130m1

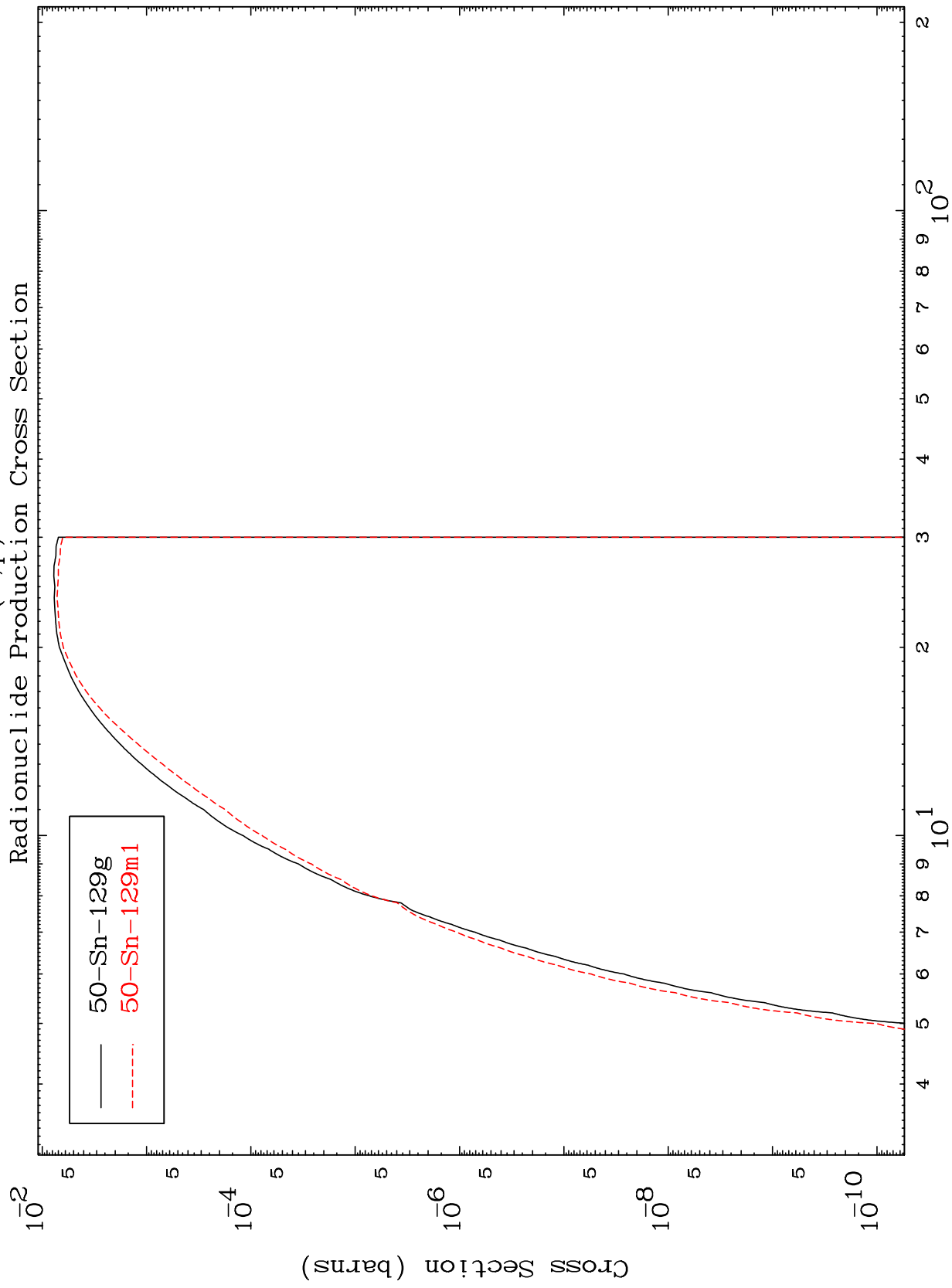
51-Sb-129

Incident Energy (MeV)

147

MAT 5149

51-Sb-129



148

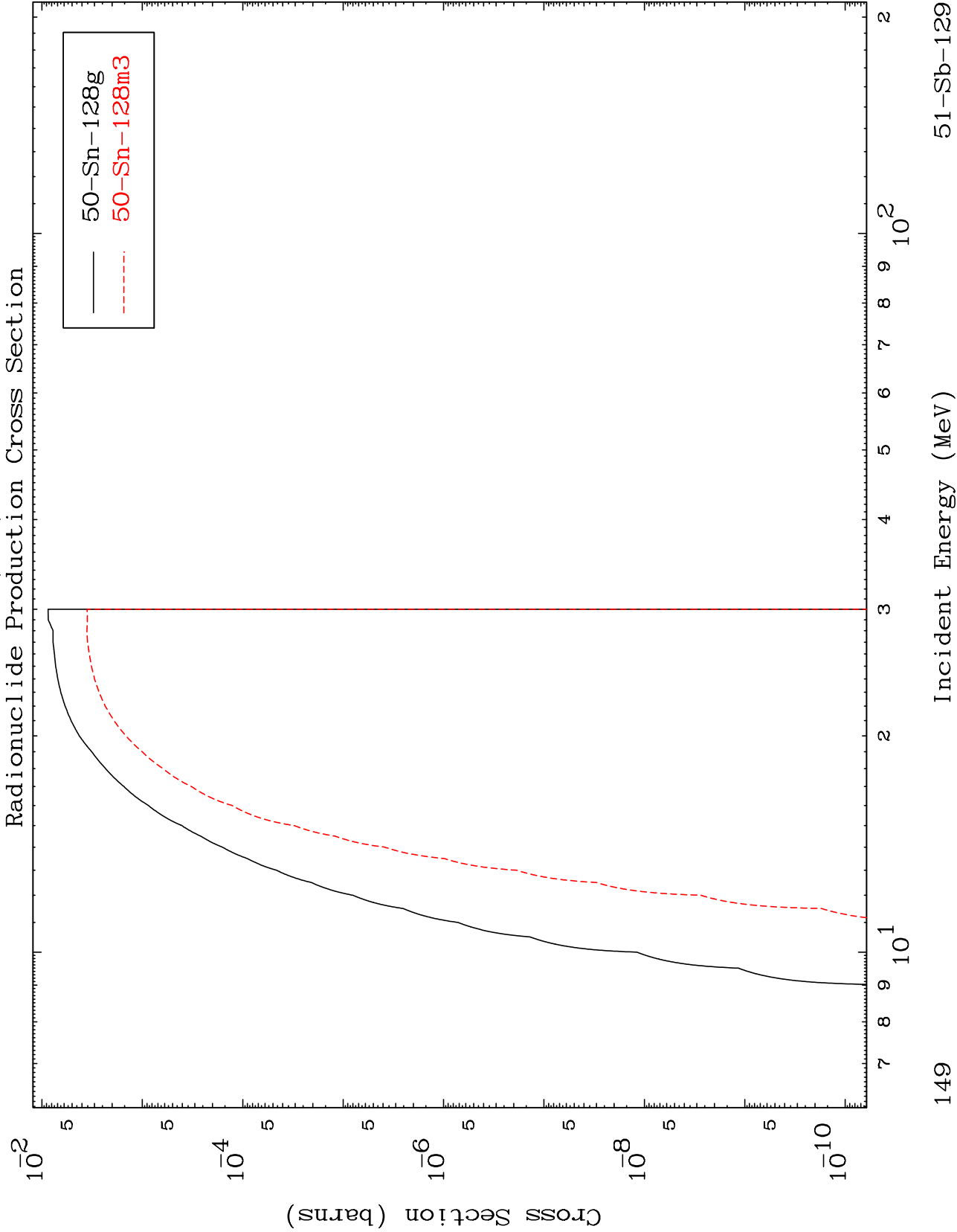
Incident Energy (MeV)

51-Sb-129

MAT 5149

(n,d)

51-Sb-129



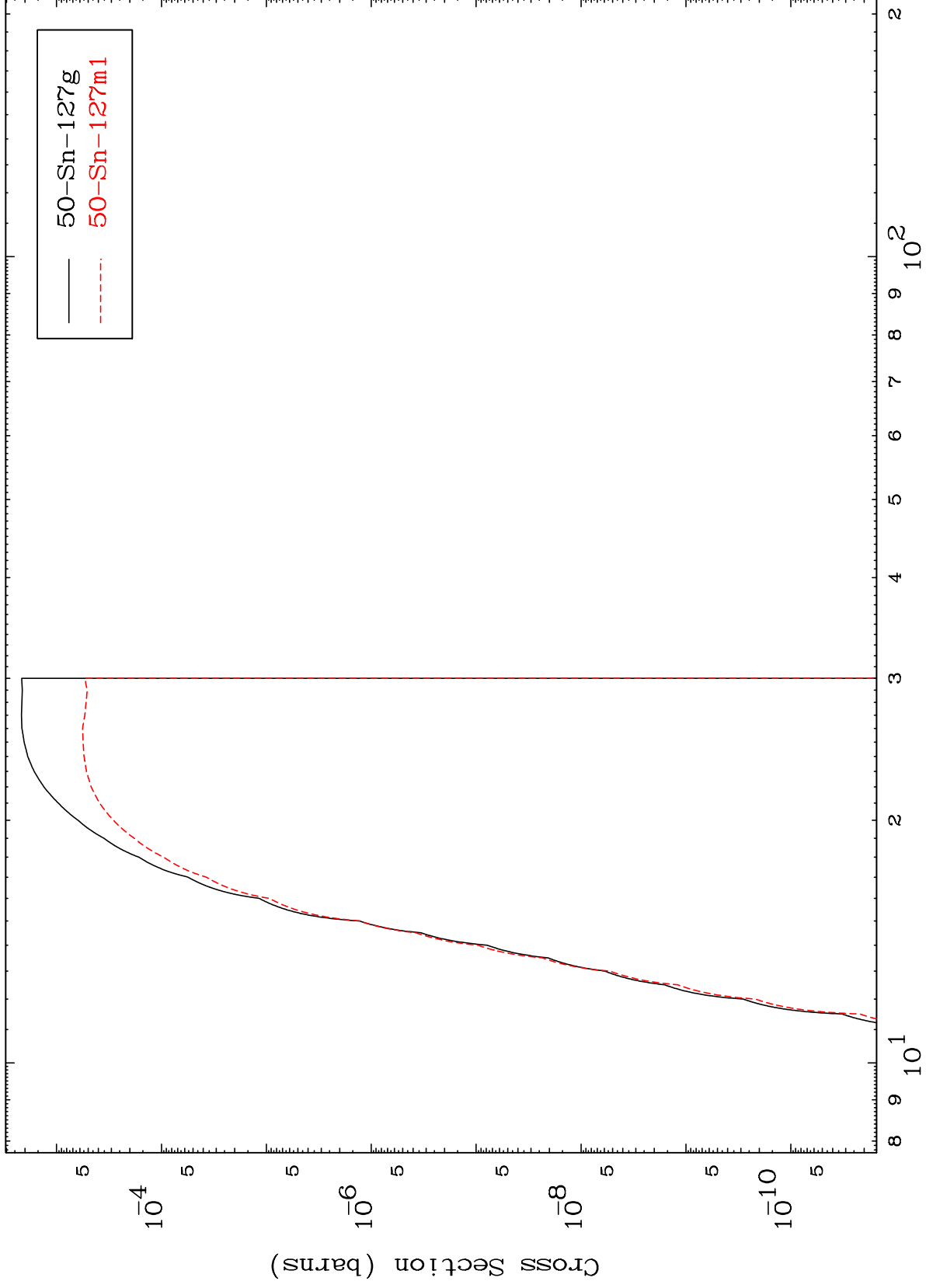
149

51-Sb-129

MAT 5149

51-Sb-129

(n,t)
Radionuclide Production Cross Section

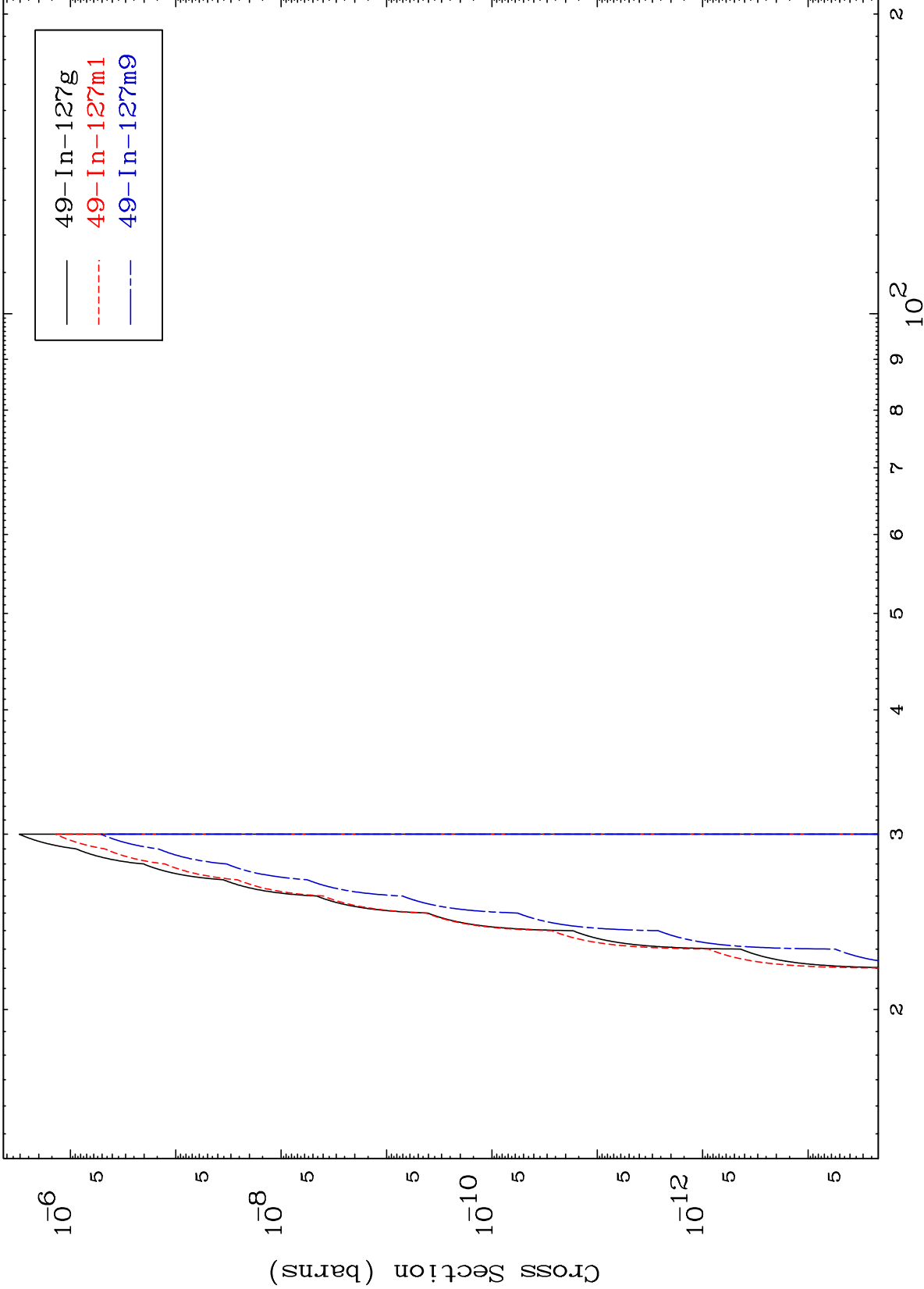


51-Sb-129

Incident Energy (MeV)

150

Radionuclide Production Cross Section

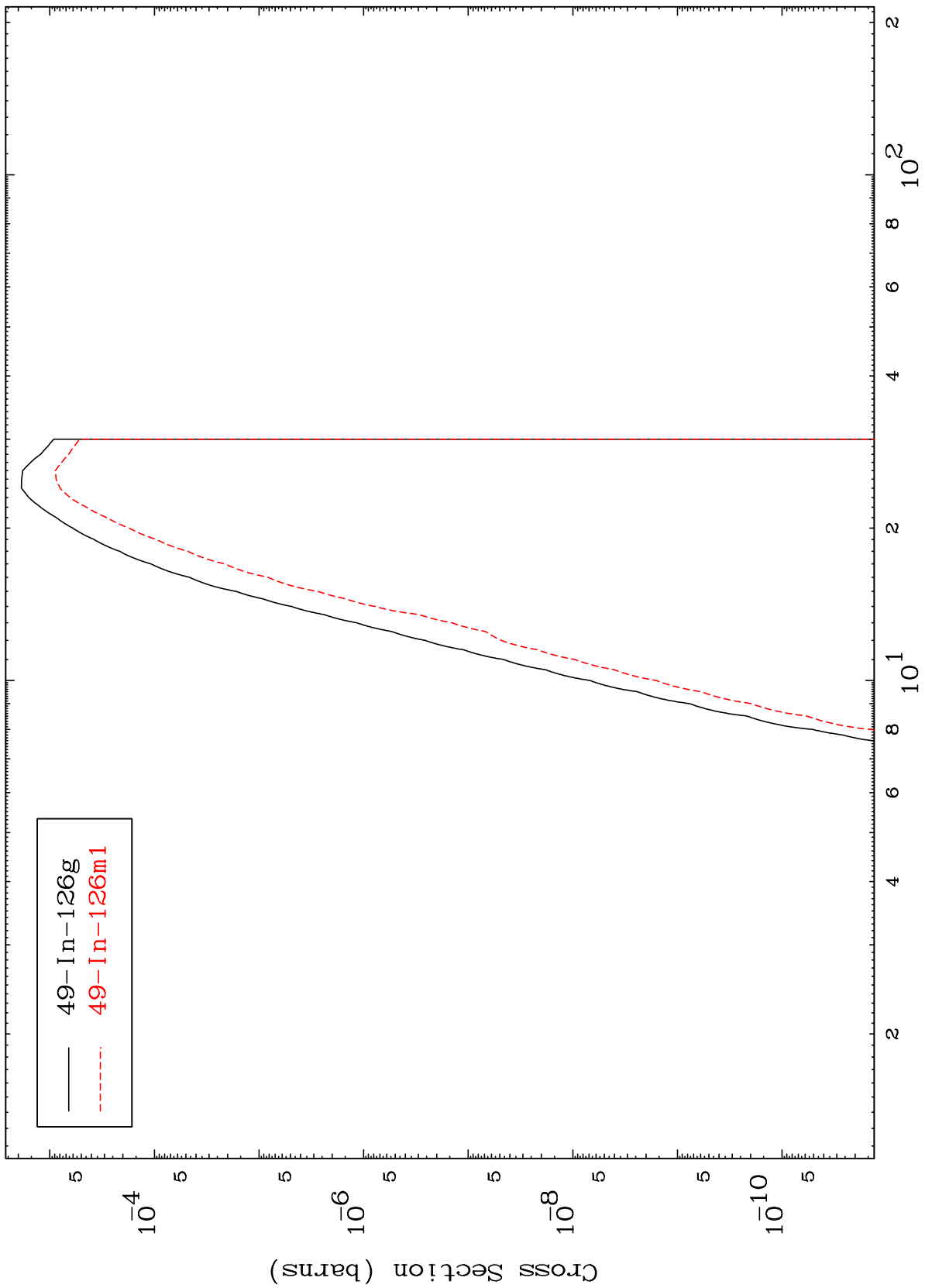


49-In-127g
49-In-127m1
49-In-127m9

MAT 5149

51-Sb-129

(n, α)
Radionuclide Production Cross Section



— 49-In-126g
- - - 49-In-126m1

152

51-Sb-129

Incident Energy (MeV)

(n,2p)
Radionuclide Production Cross Section

