

Program EVALPLOT
(Version 2015-2)

by

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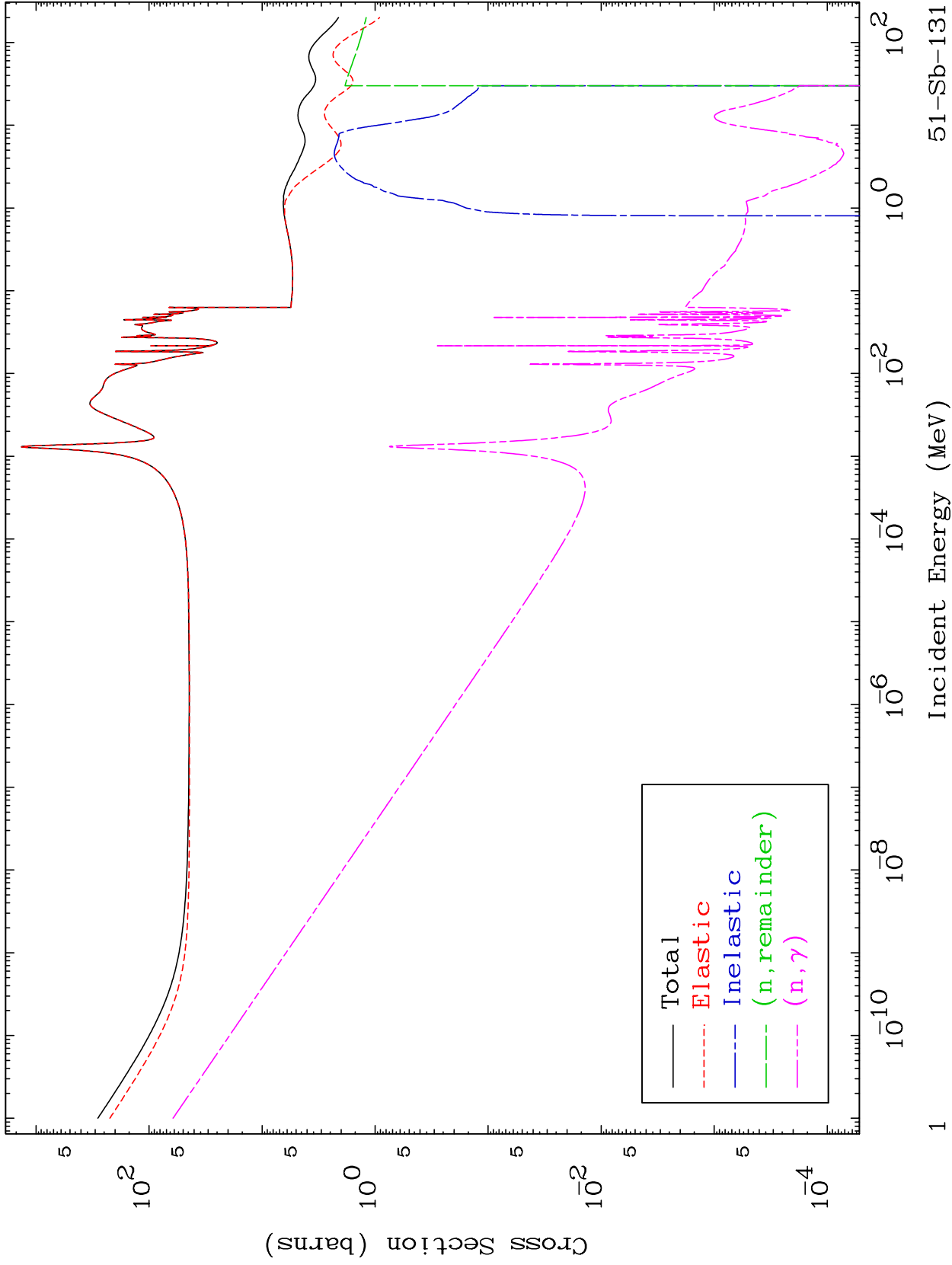
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5155

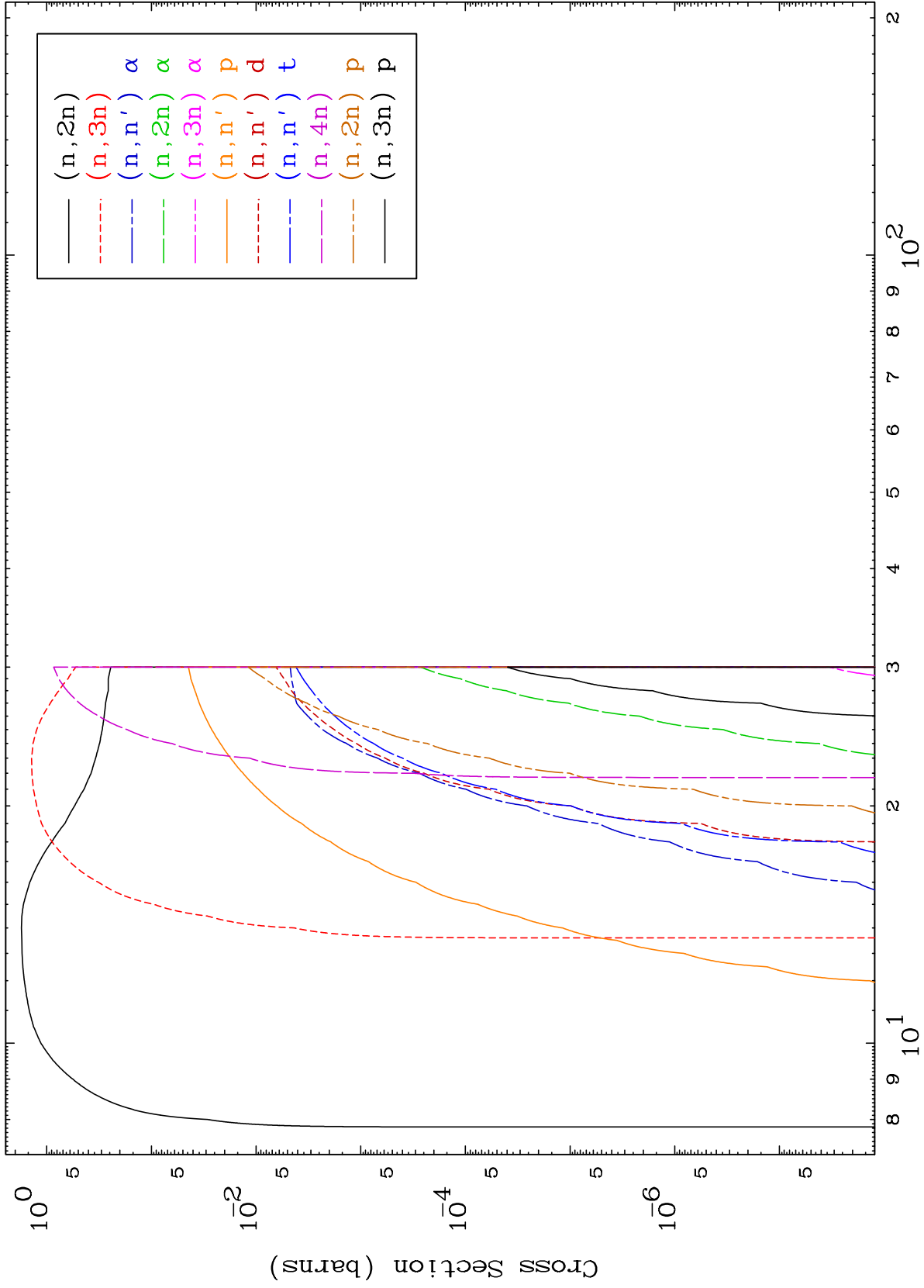
Major
293 Kelvin Cross Sections

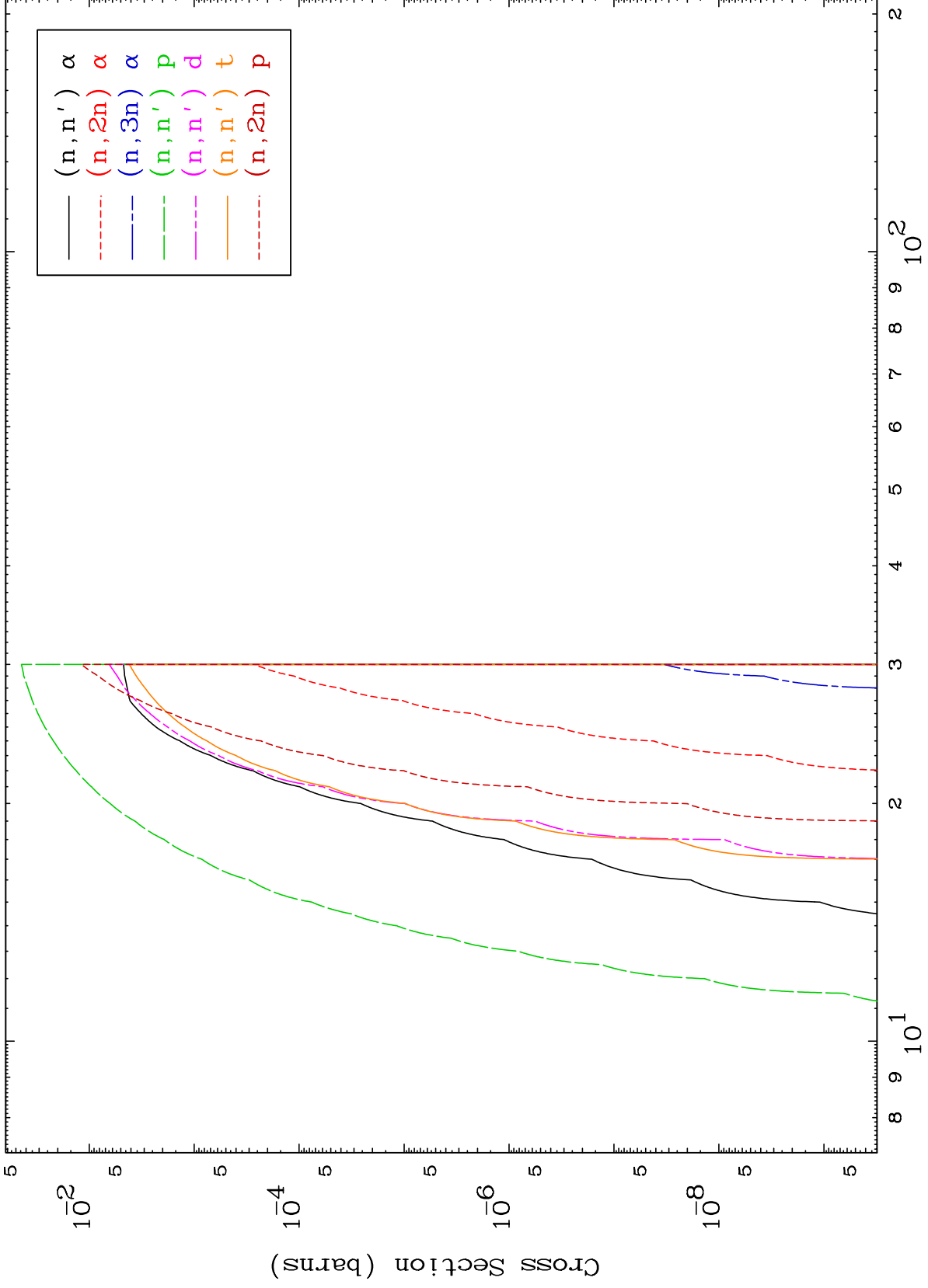
51-Sb-131

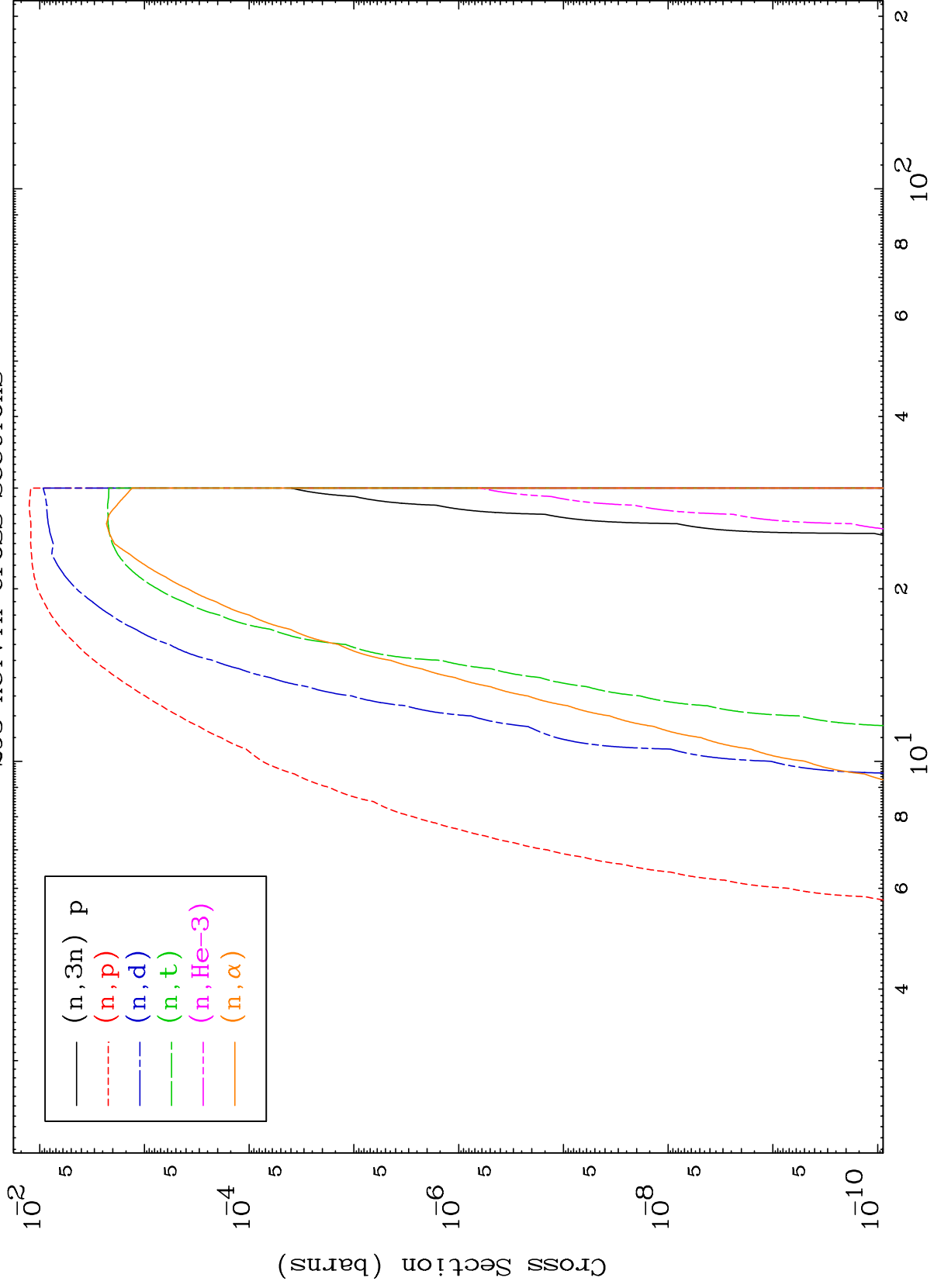


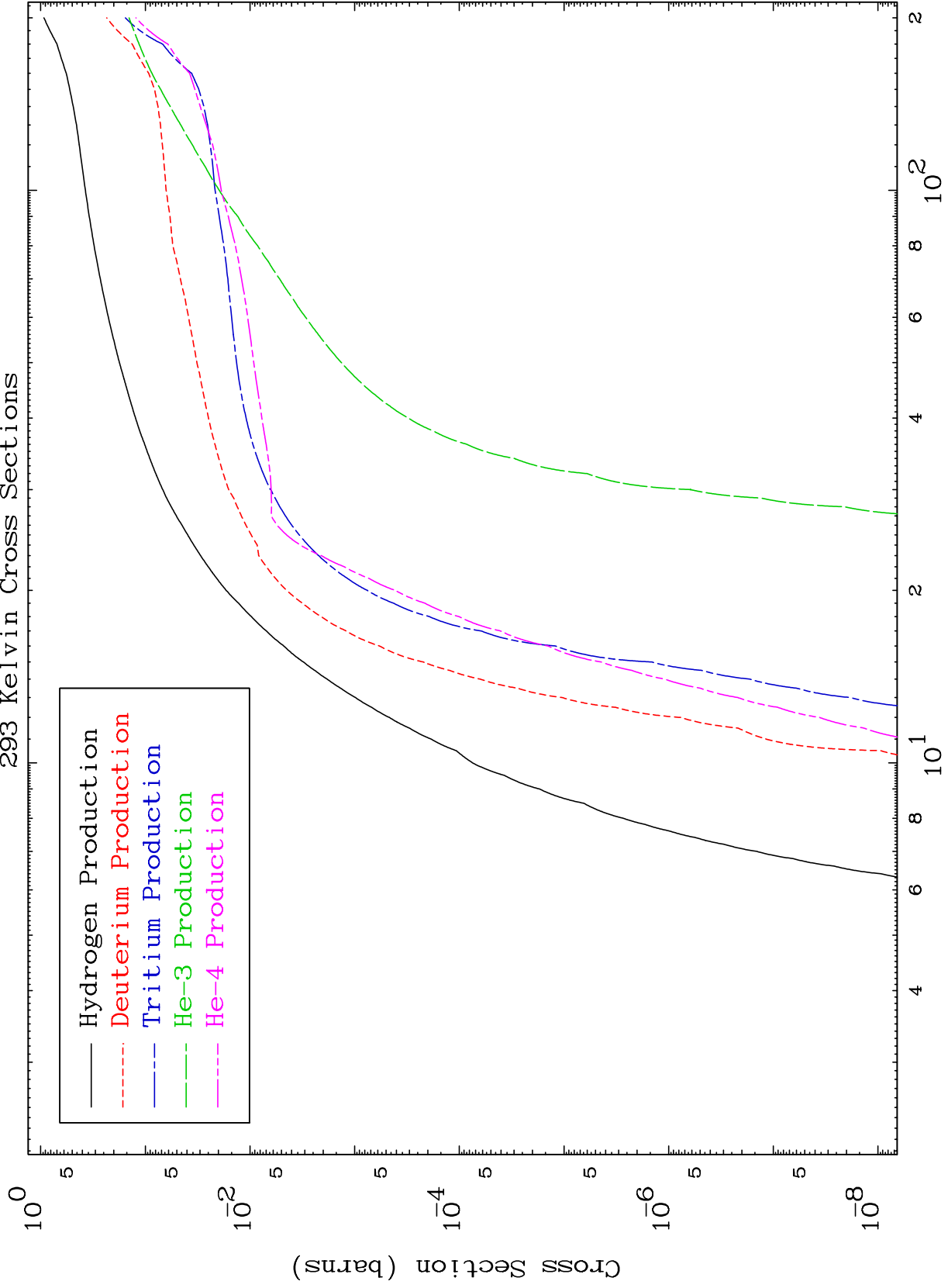
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51-Sb-131







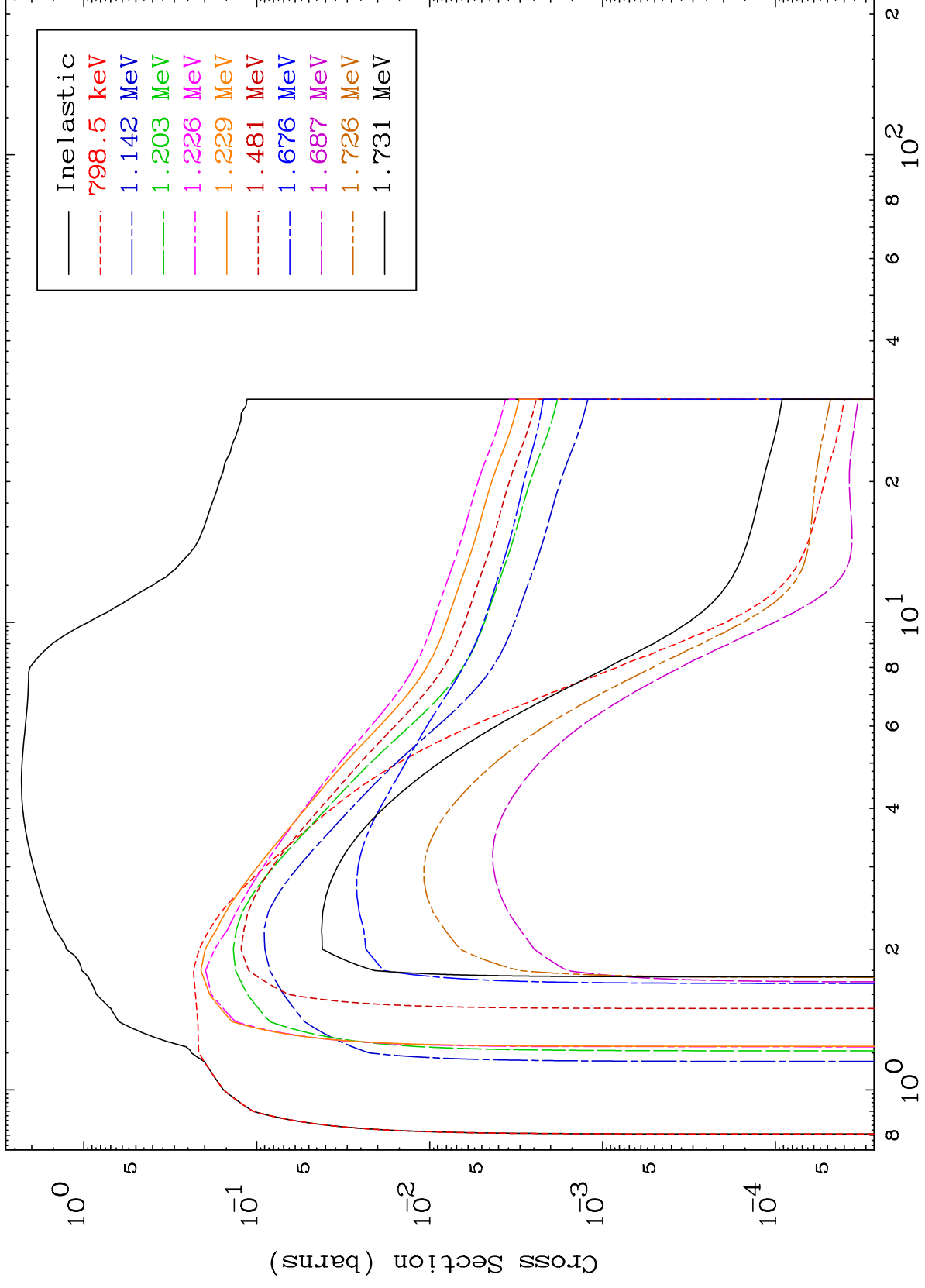


MAT 5155

(n,n') Level

51-Sb-131

293 Kelvin Cross Sections



51-Sb-131

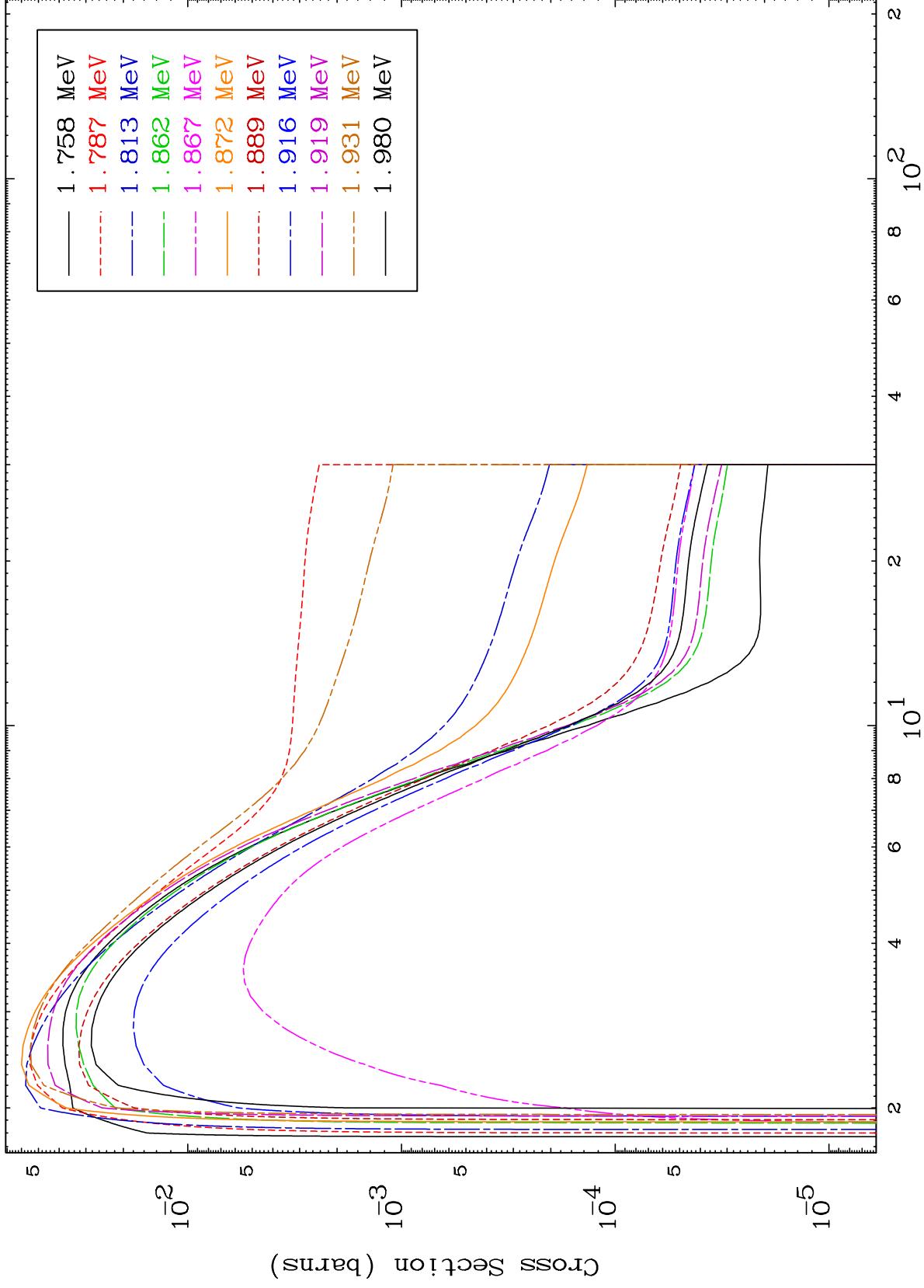
Incident Energy (MeV)

6

MAT 5155

(n,n') Level
293 Kelvin Cross Sections

51-Sb-131



7

Incident Energy (MeV)

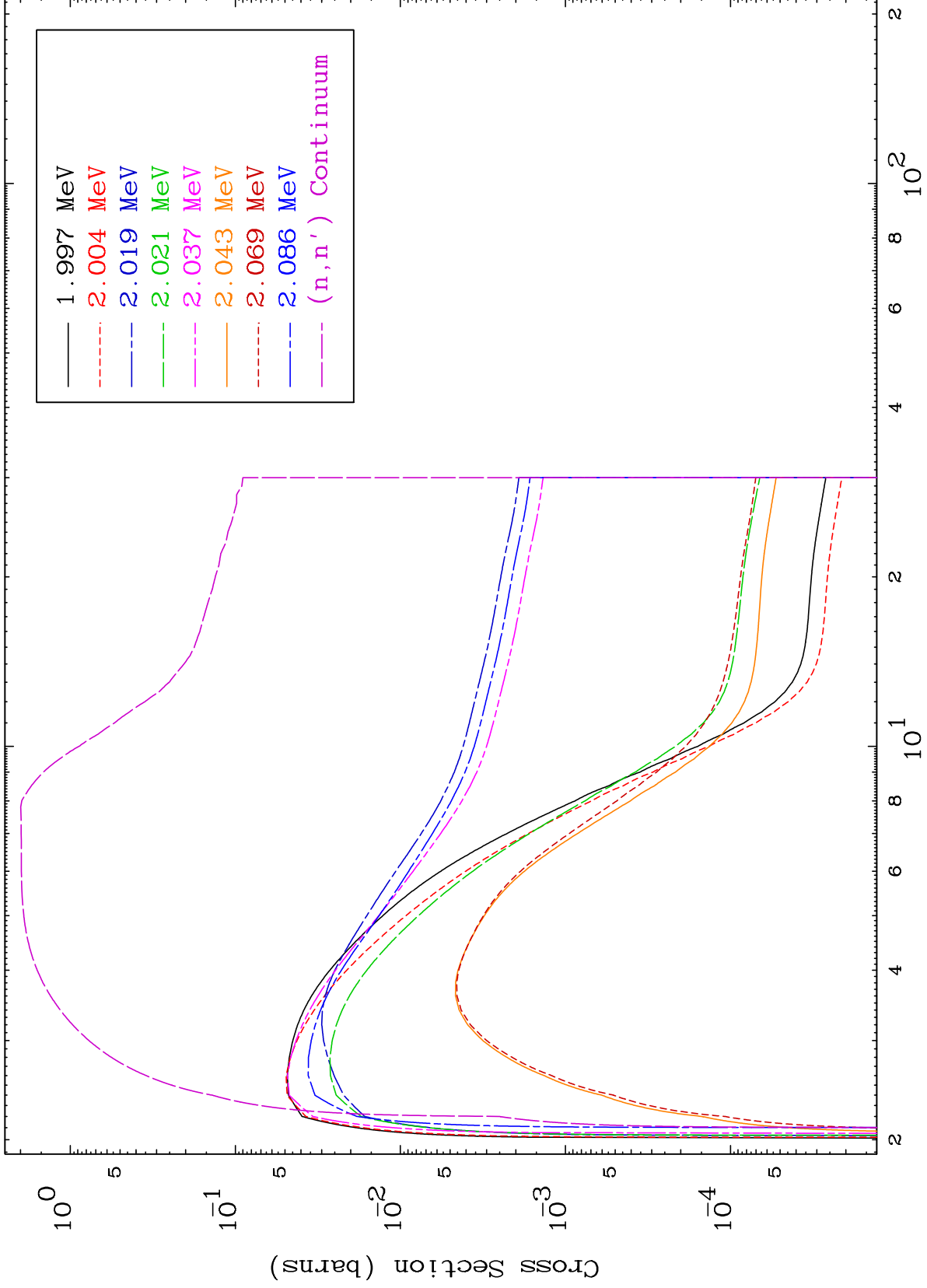
51-Sb-131

MAT 5155

(n,n') Level

51-Sb-131

293 Kelvin Cross Sections



8

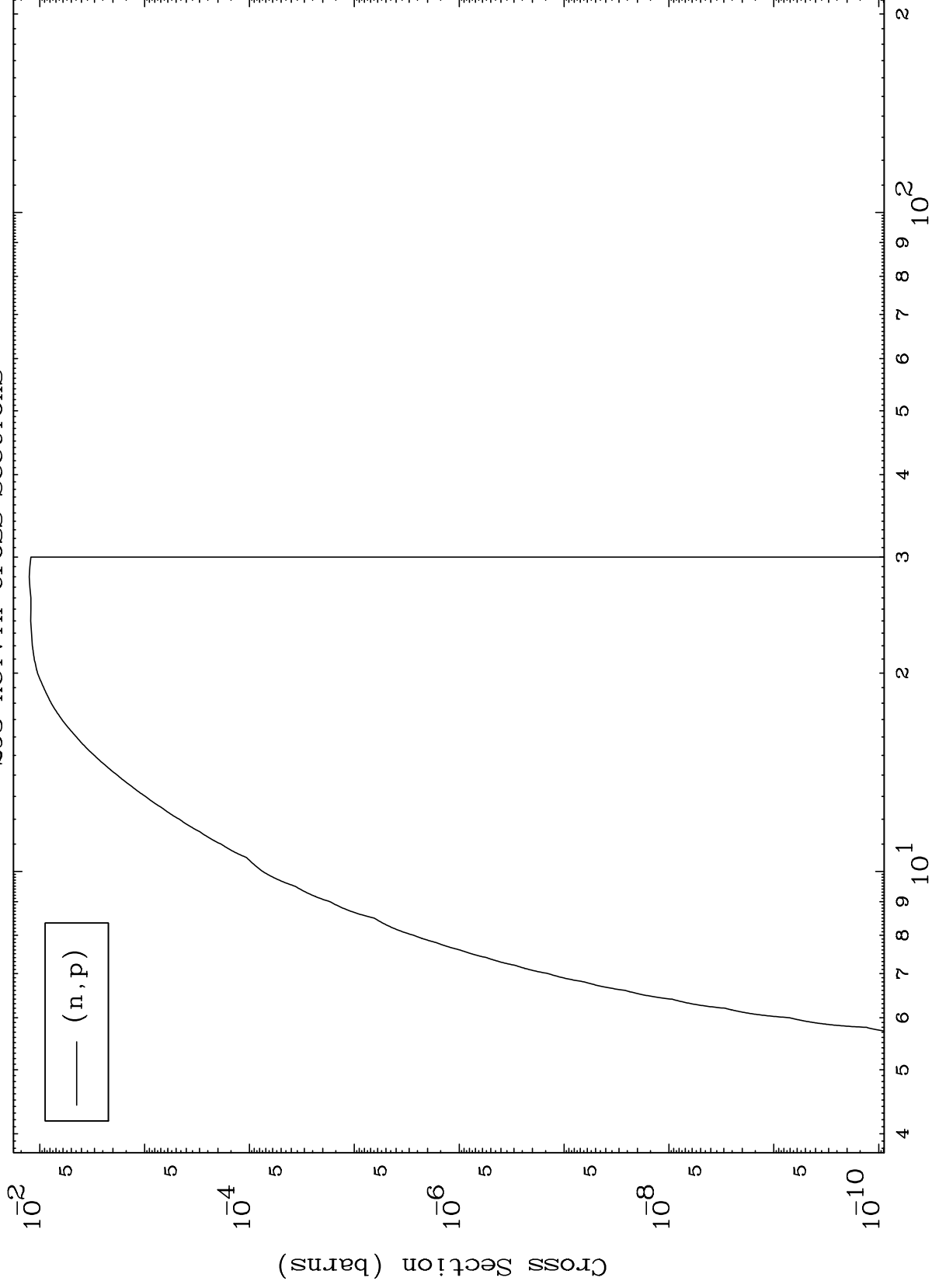
Incident Energy (MeV)

51-Sb-131

MAT 5155

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-131



(n,p)

9

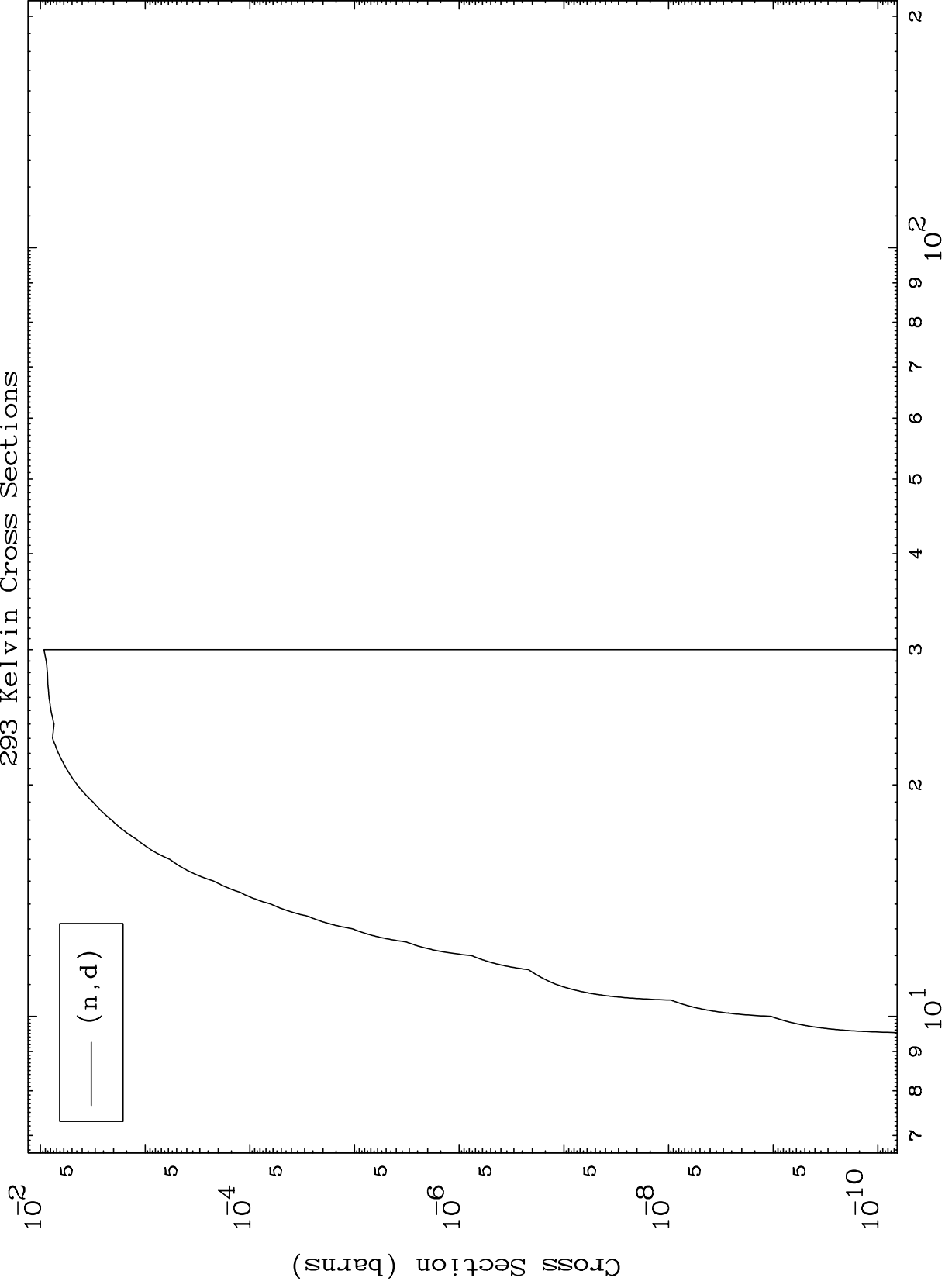
Incident Energy (MeV)

51-Sb-131

MAT 5155

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-131



10

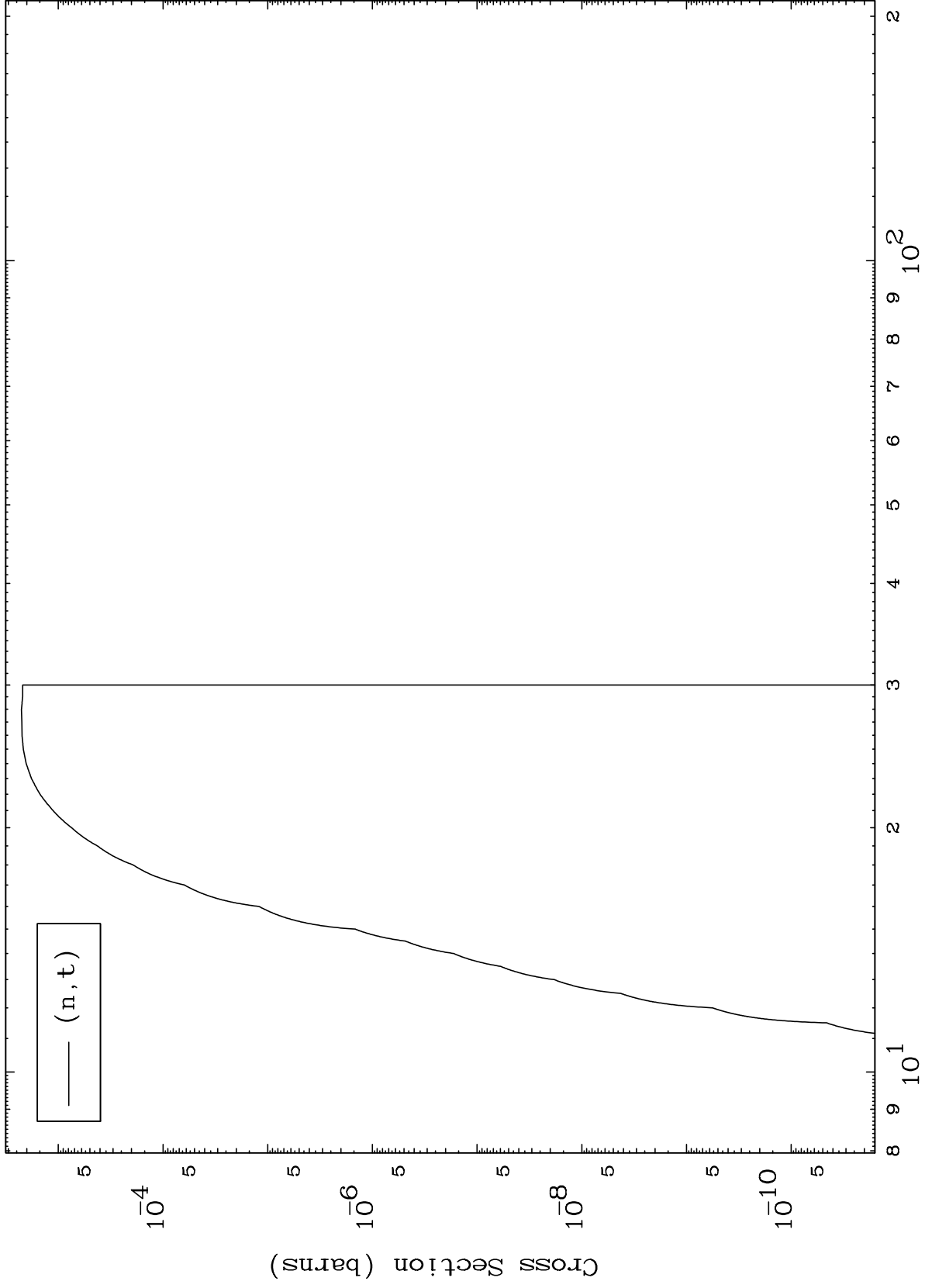
Incident Energy (MeV)

51-Sb-131

MAT 5155

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-131



11

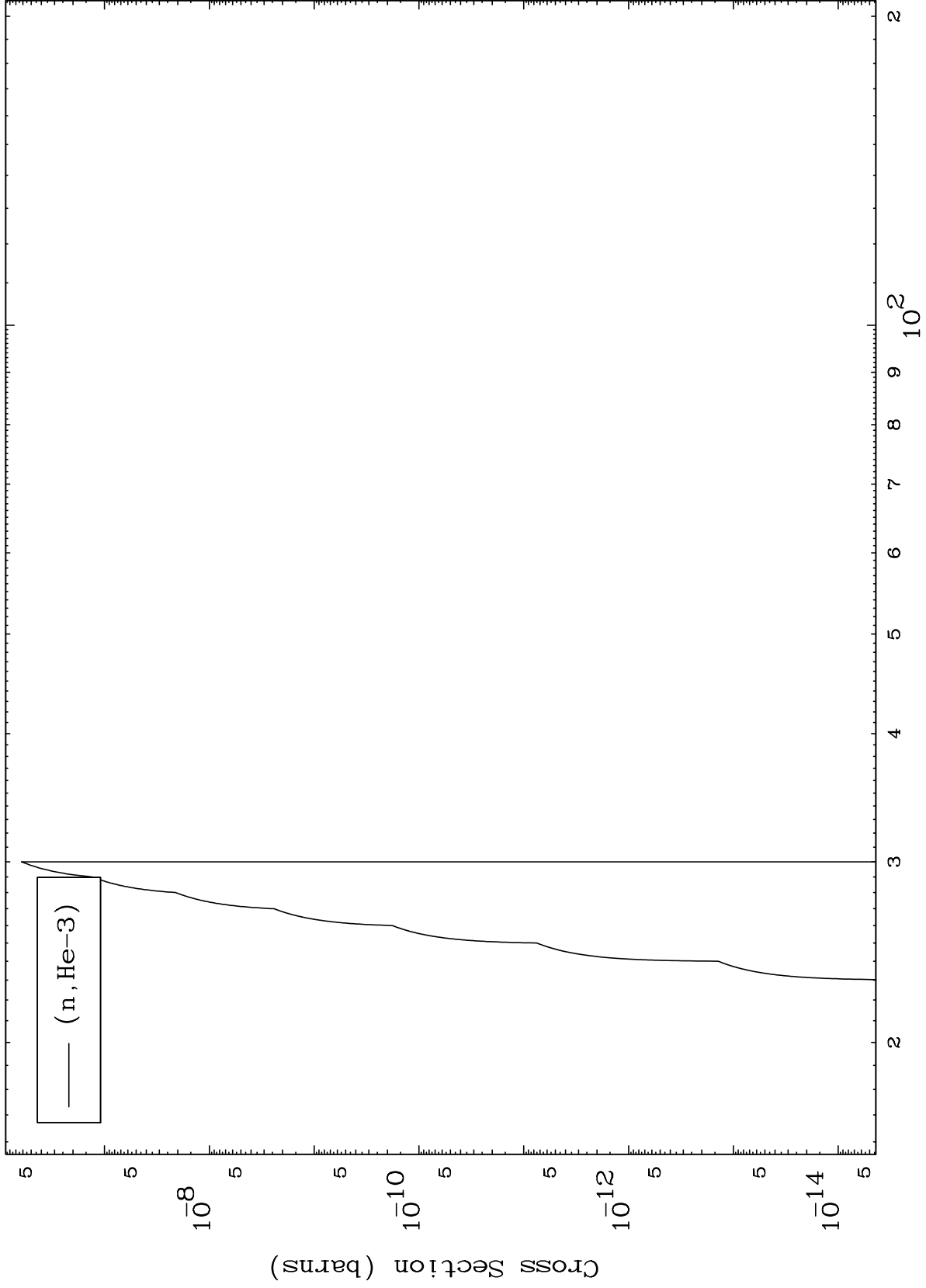
Incident Energy (MeV)

51-Sb-131

MAT 5155

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-131



12

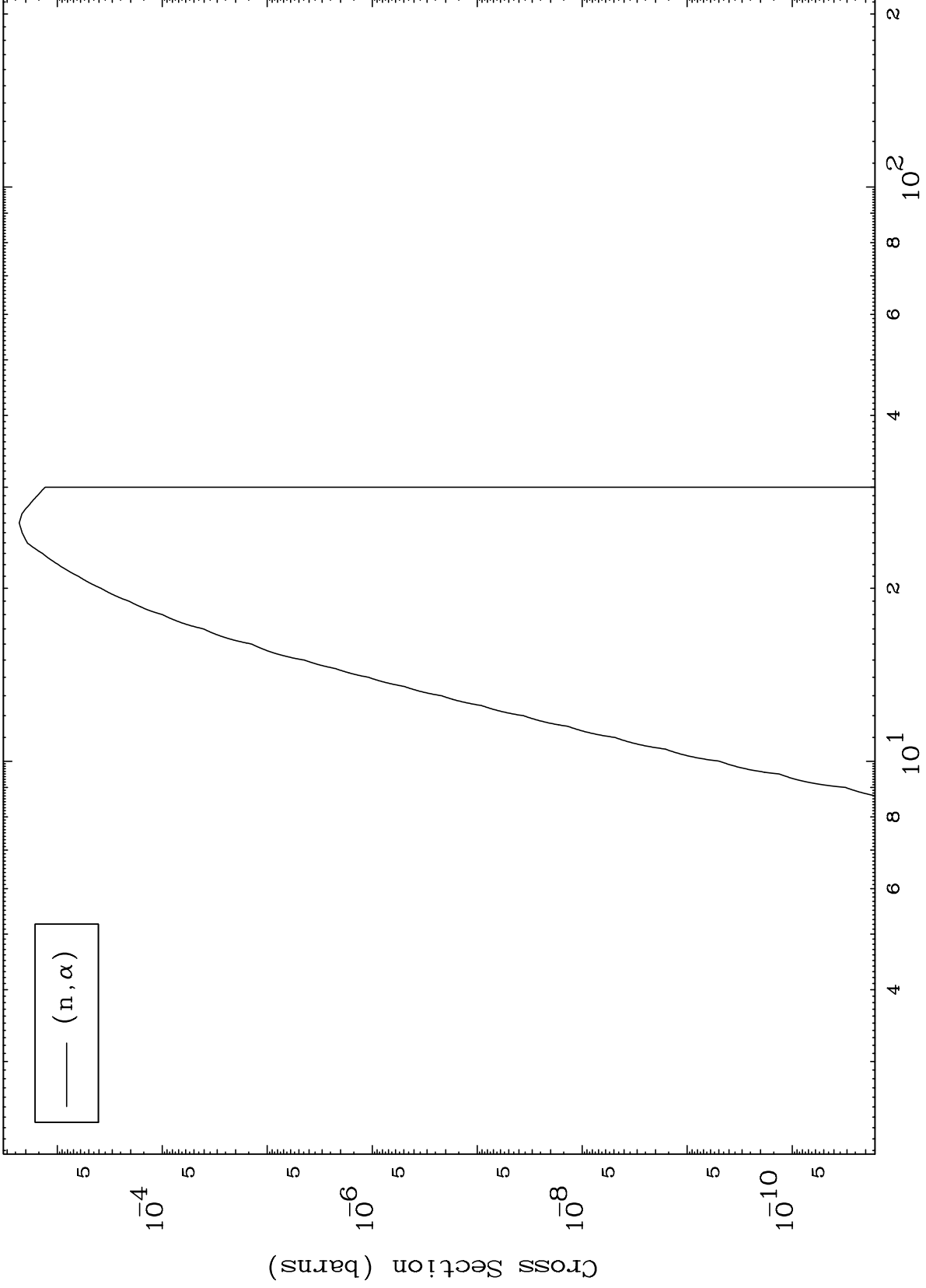
Incident Energy (MeV)

51-Sb-131

MAT 5155

(n, α) Levels
293 Kelvin Cross Sections

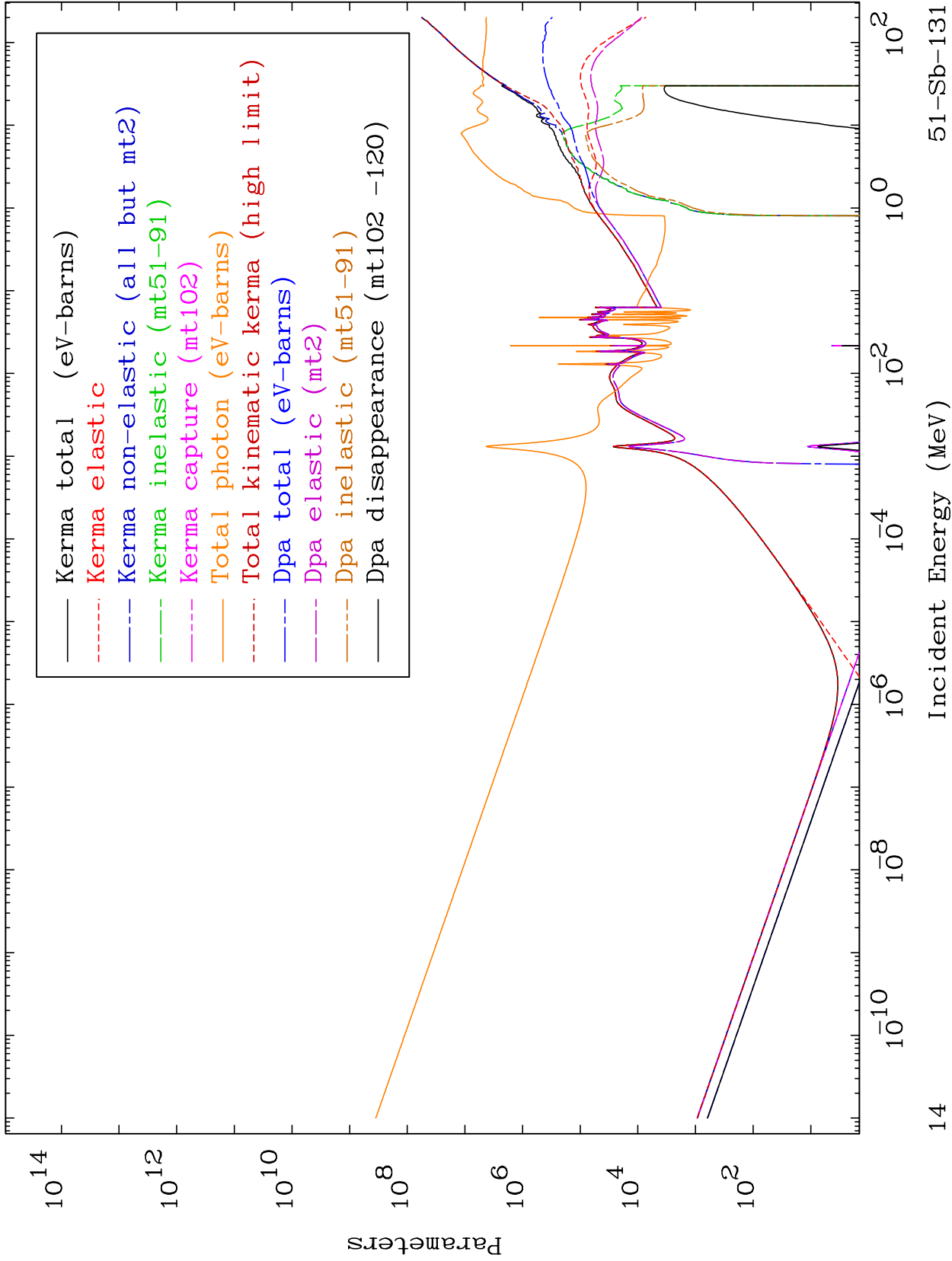
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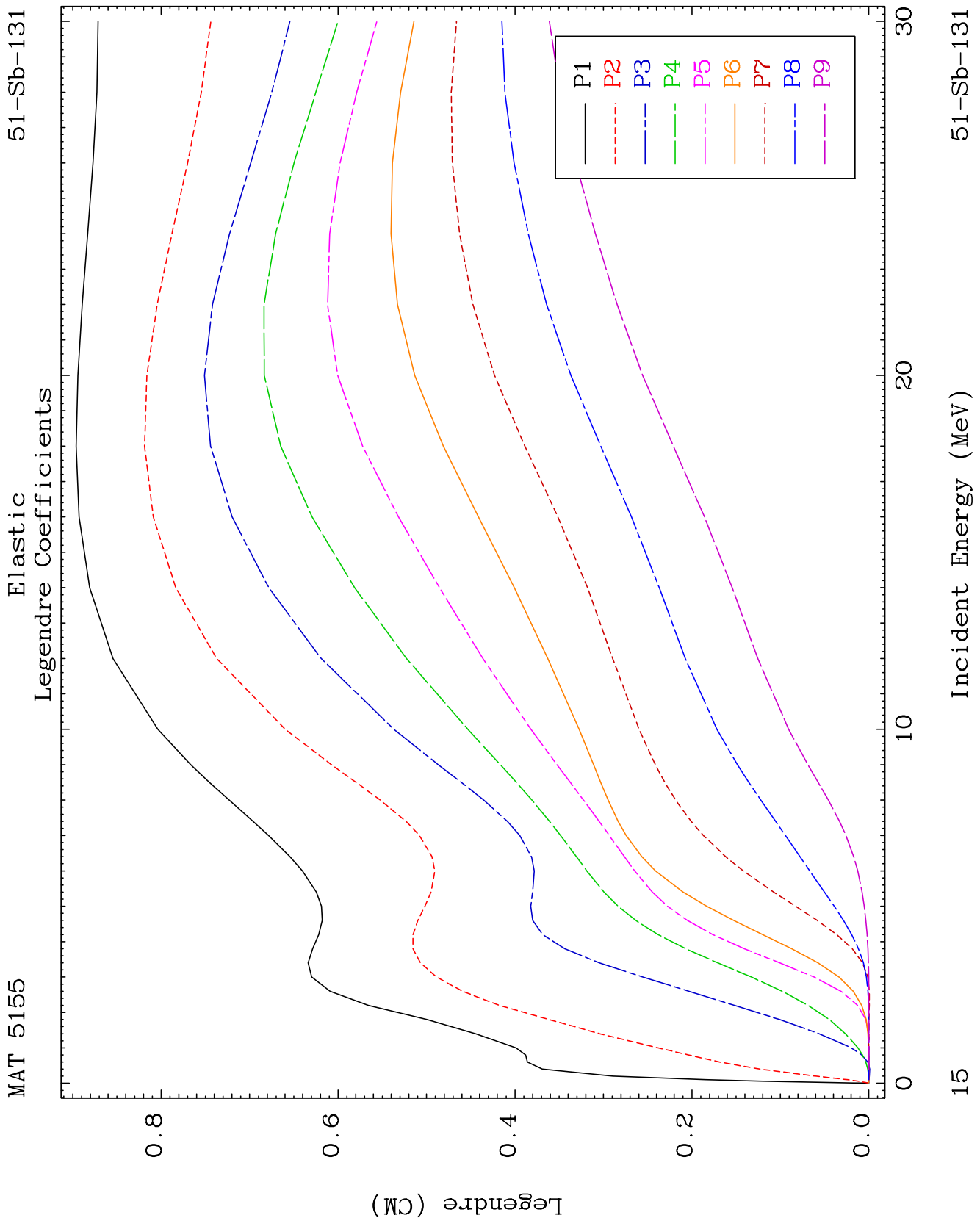


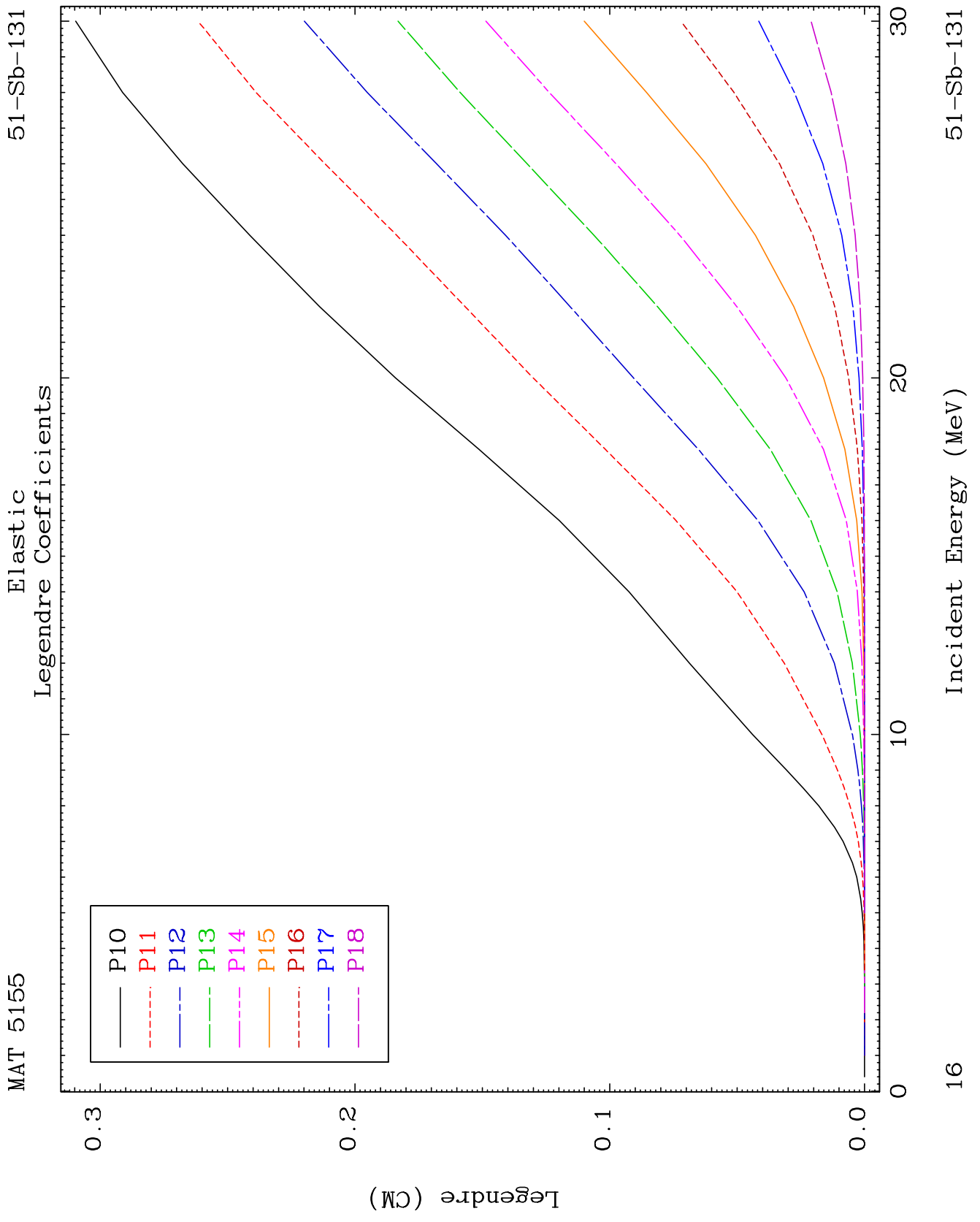
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Incident Energy (MeV)

51-Sb-131



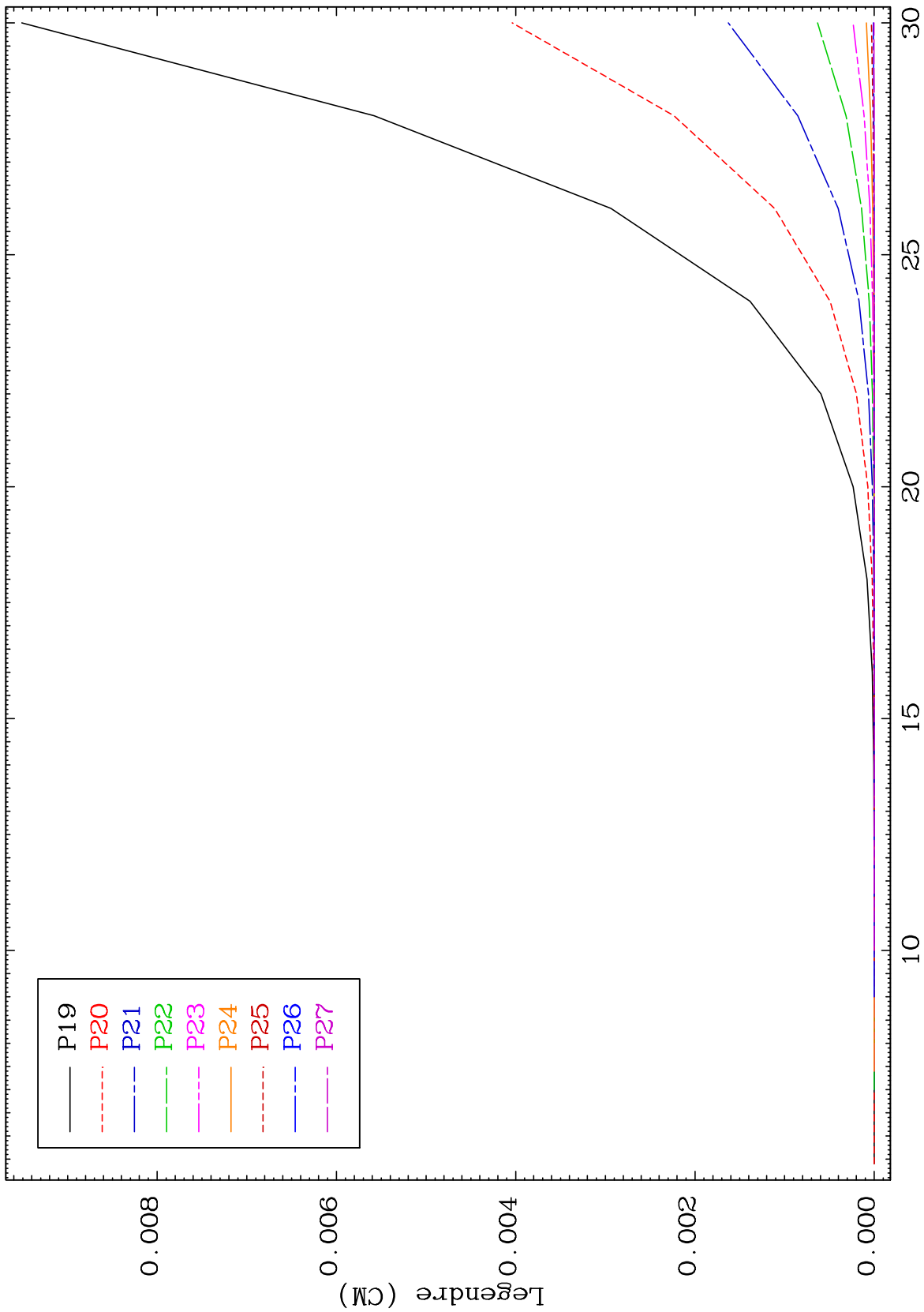




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Elastic Legendre Coefficients

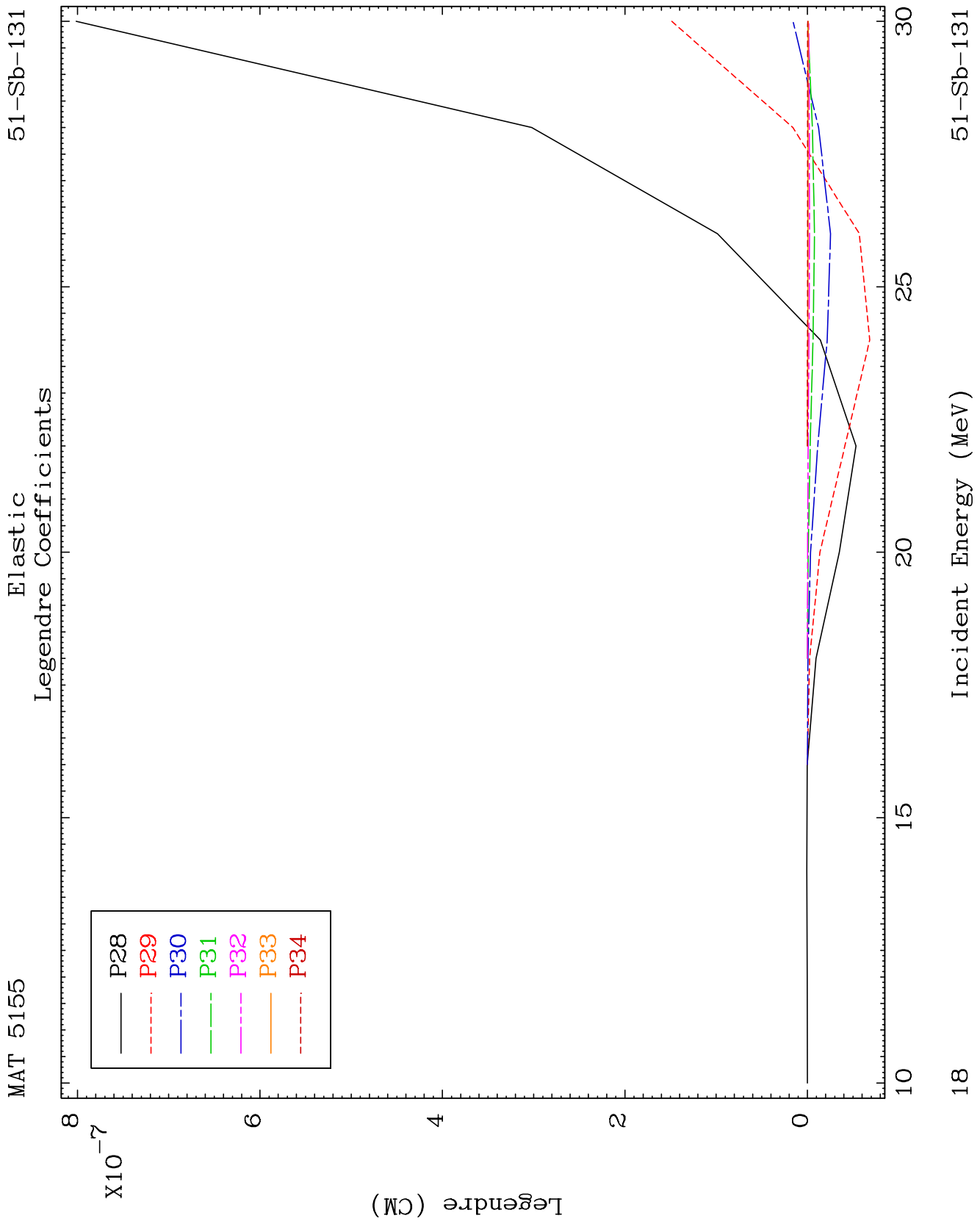
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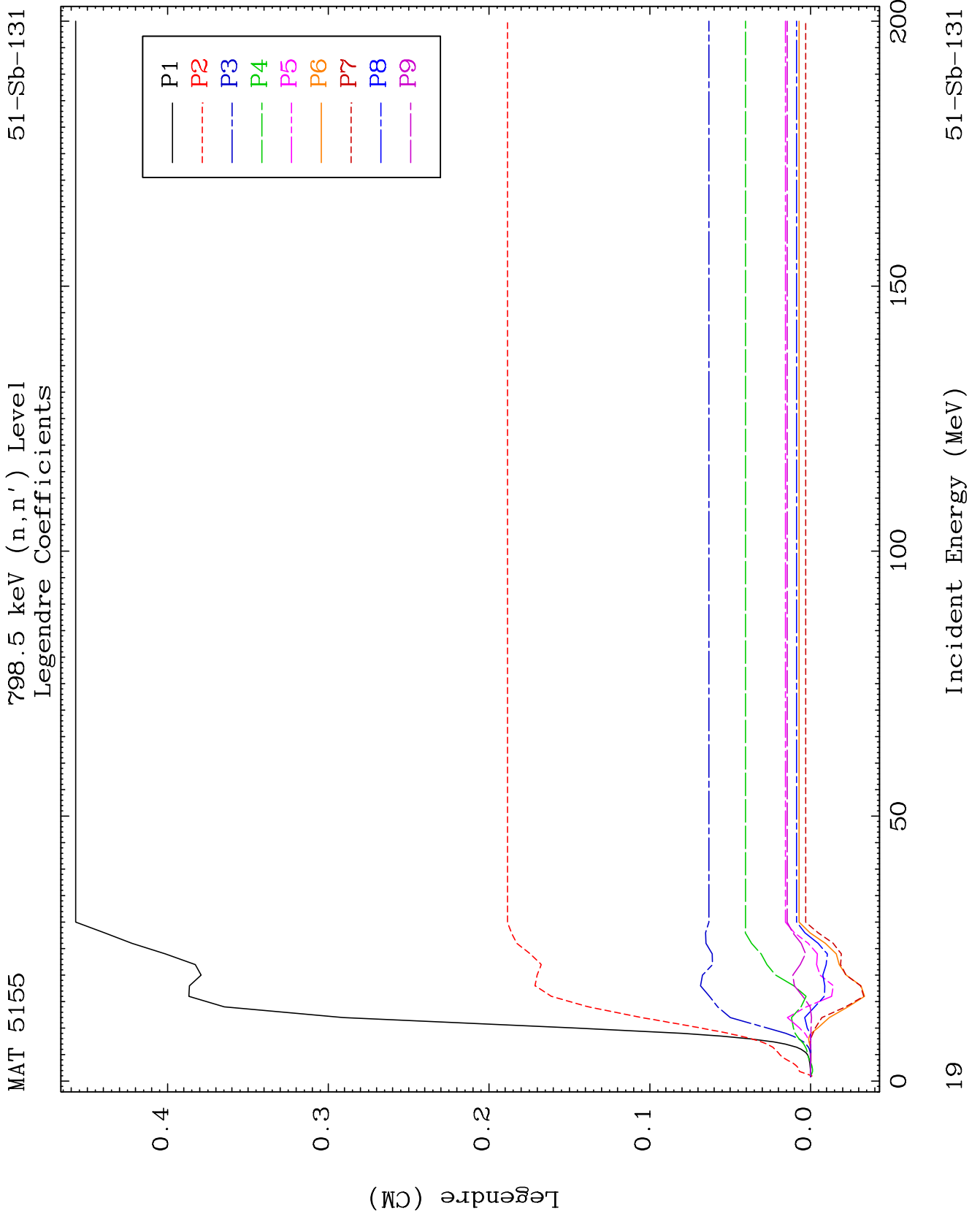


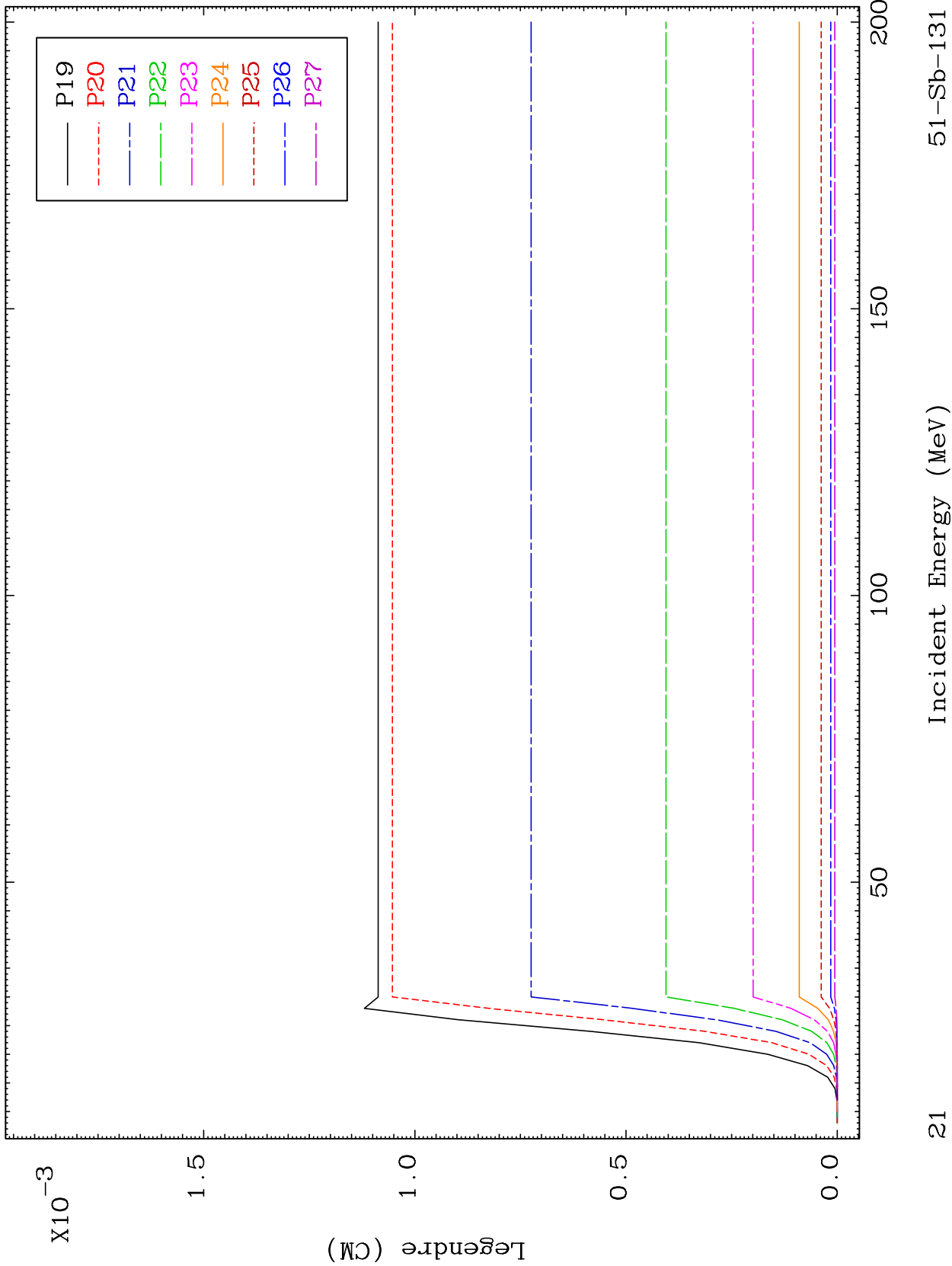
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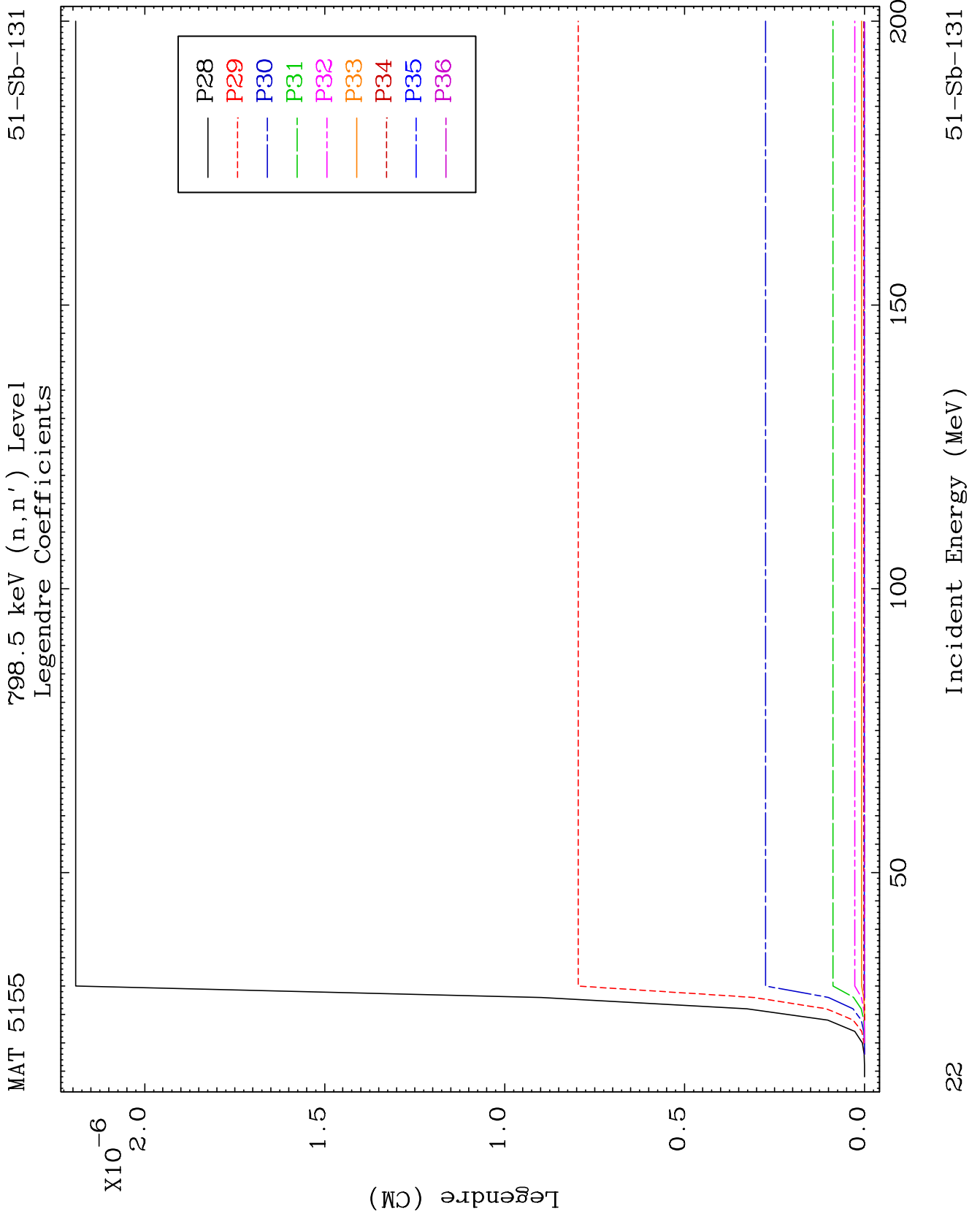
Incident Energy (MeV)

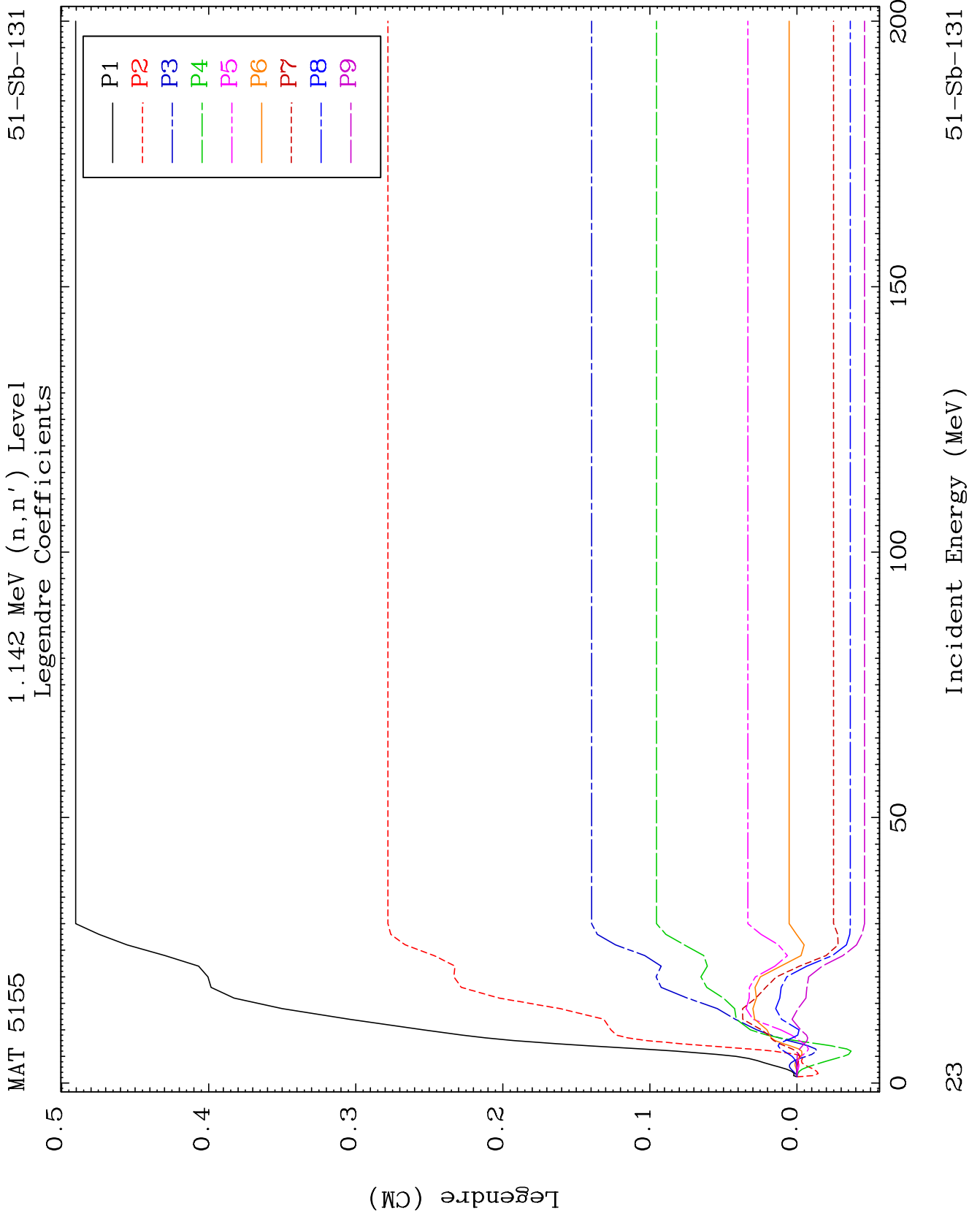
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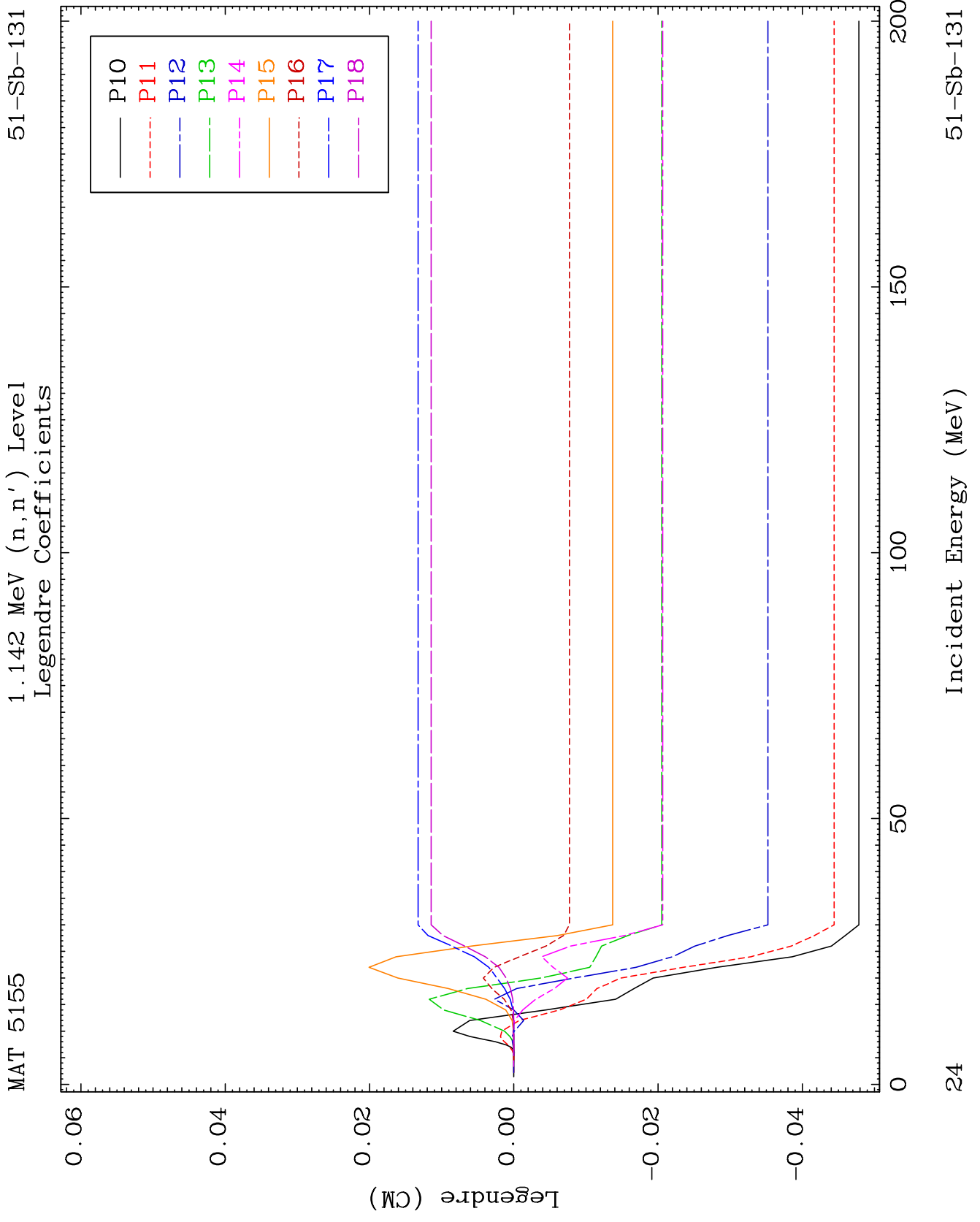


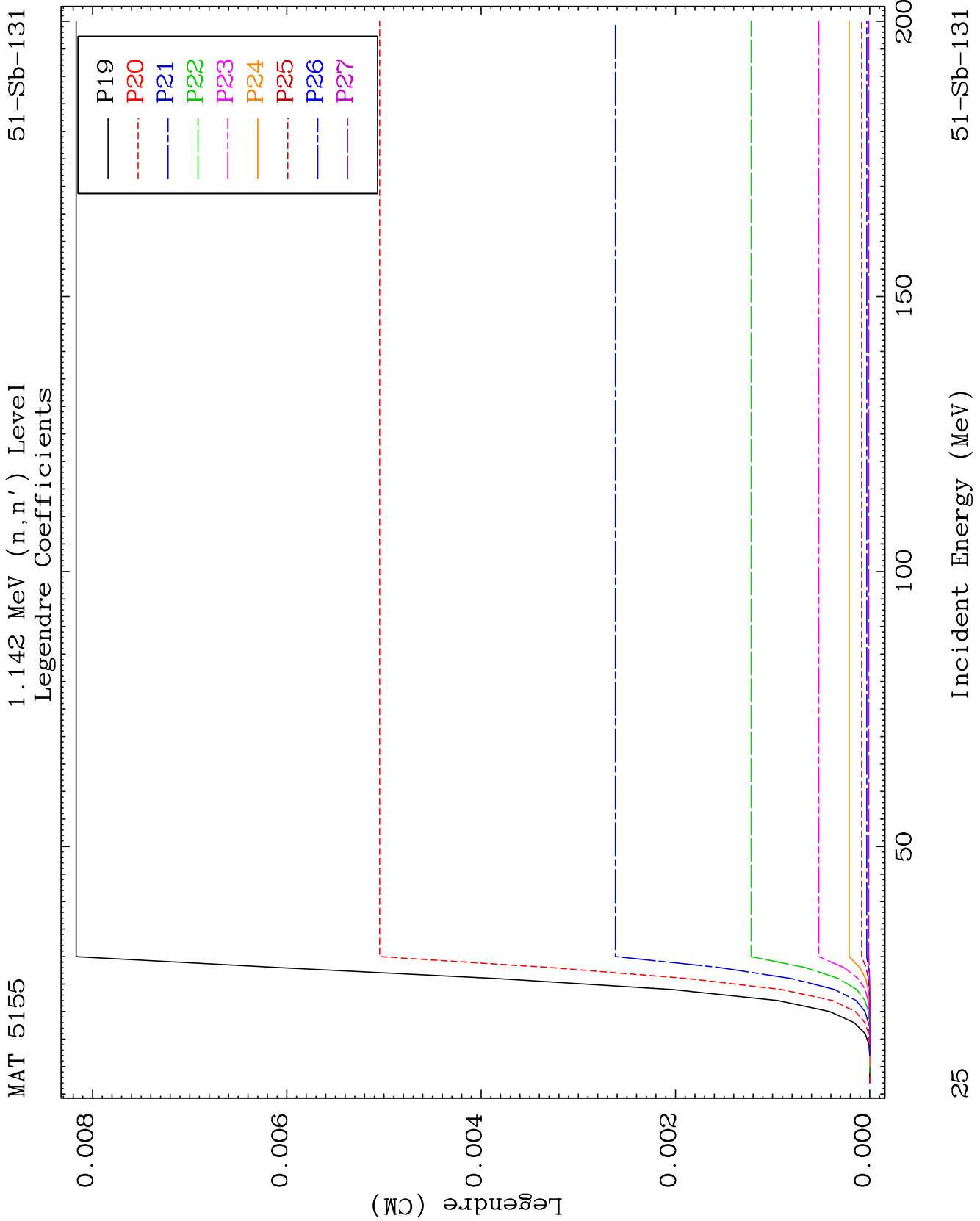








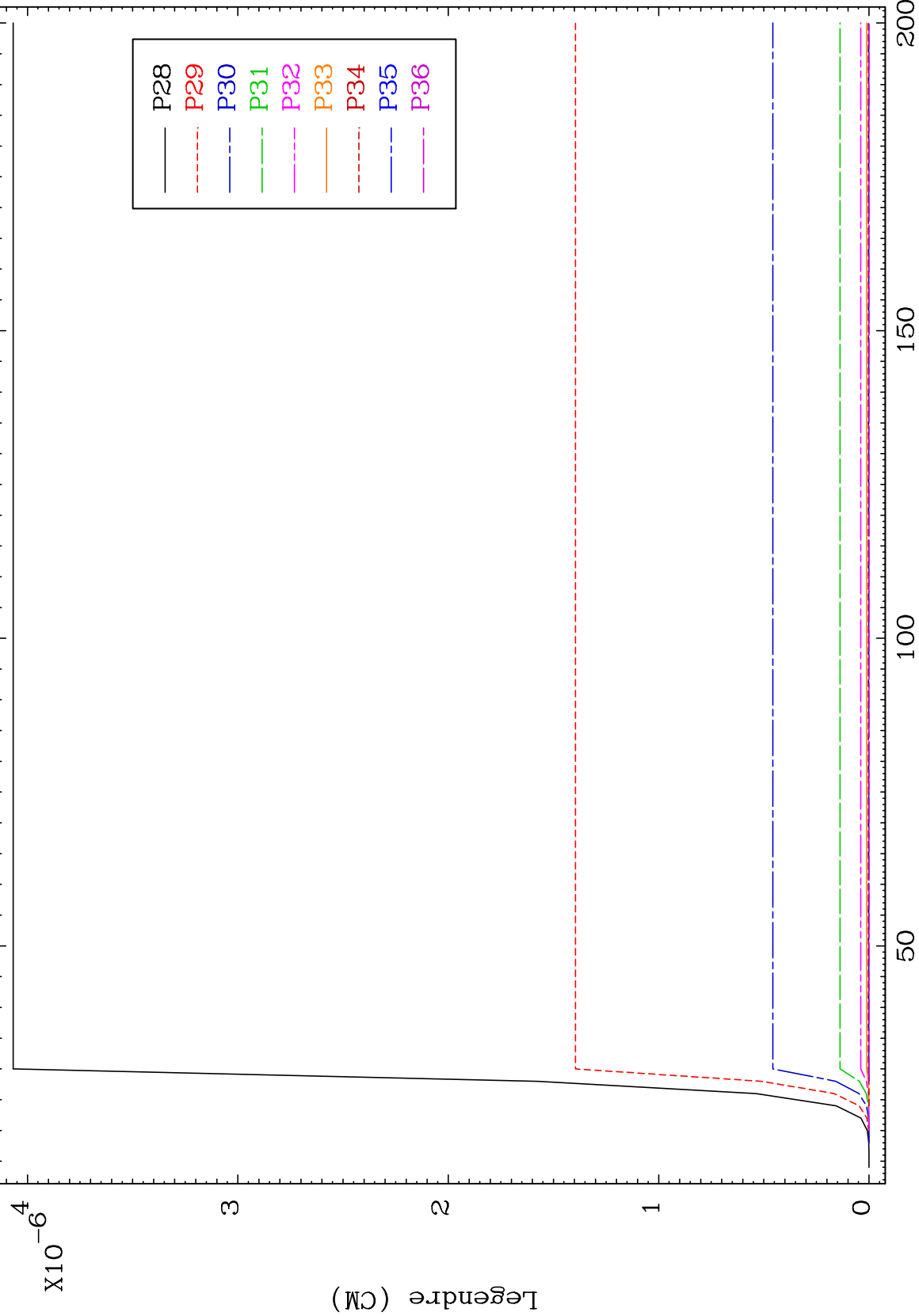




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1.142 MeV (n, n') Level
Legendre Coefficients

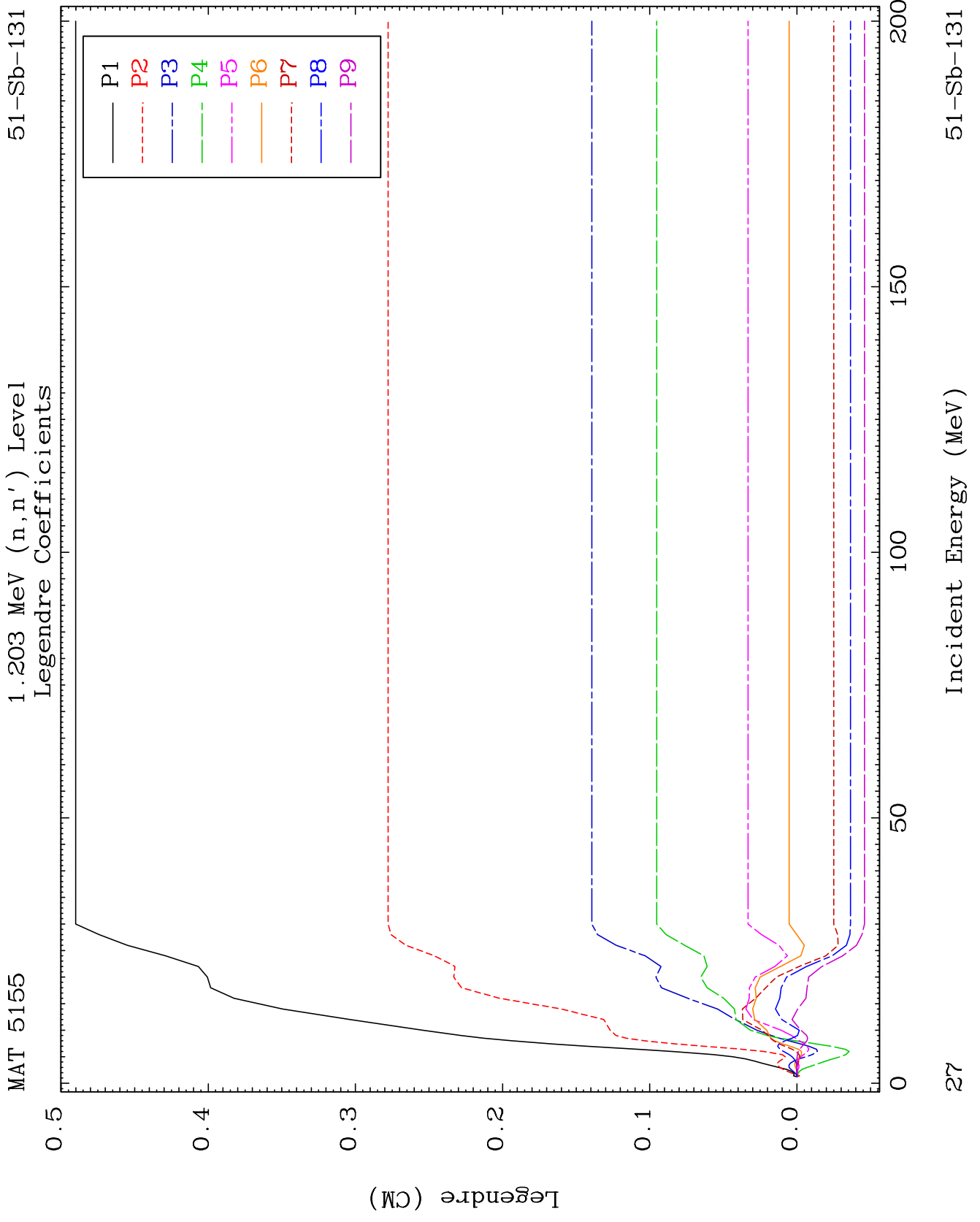
51-Sb-131



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Incident Energy (MeV)

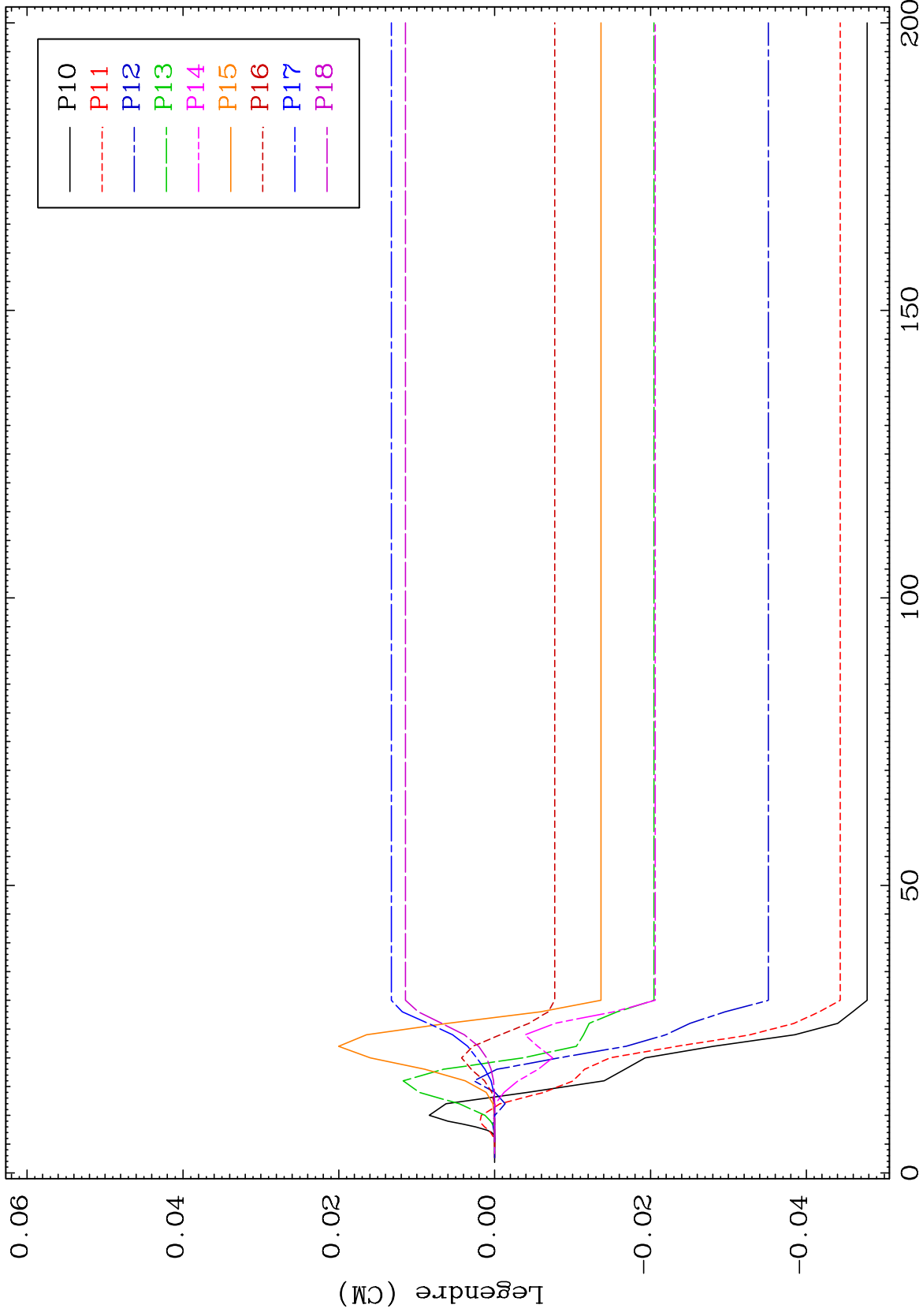
51-Sb-131



MAT 5155

1.203 MeV (n,n') Level
Legendre Coefficients

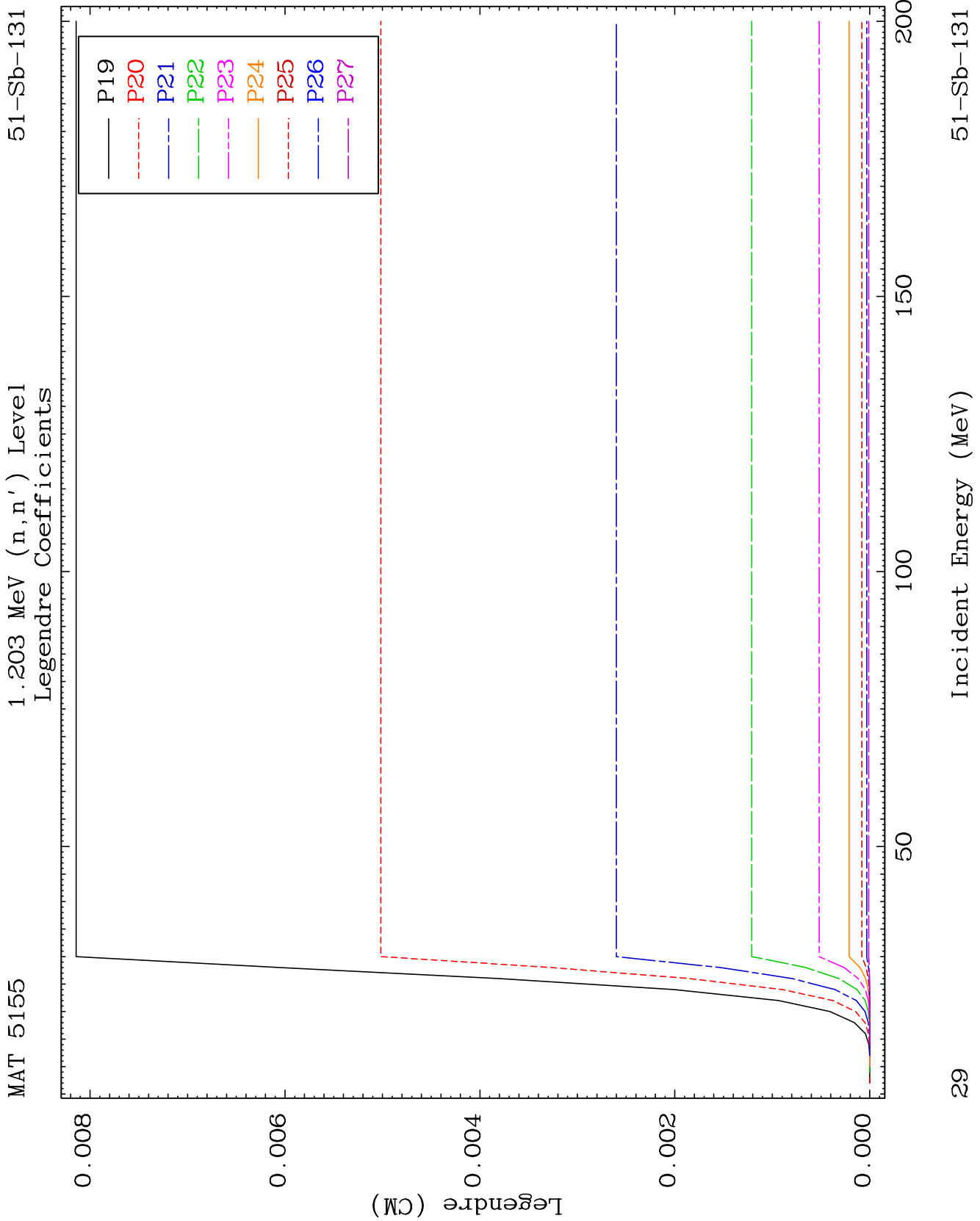
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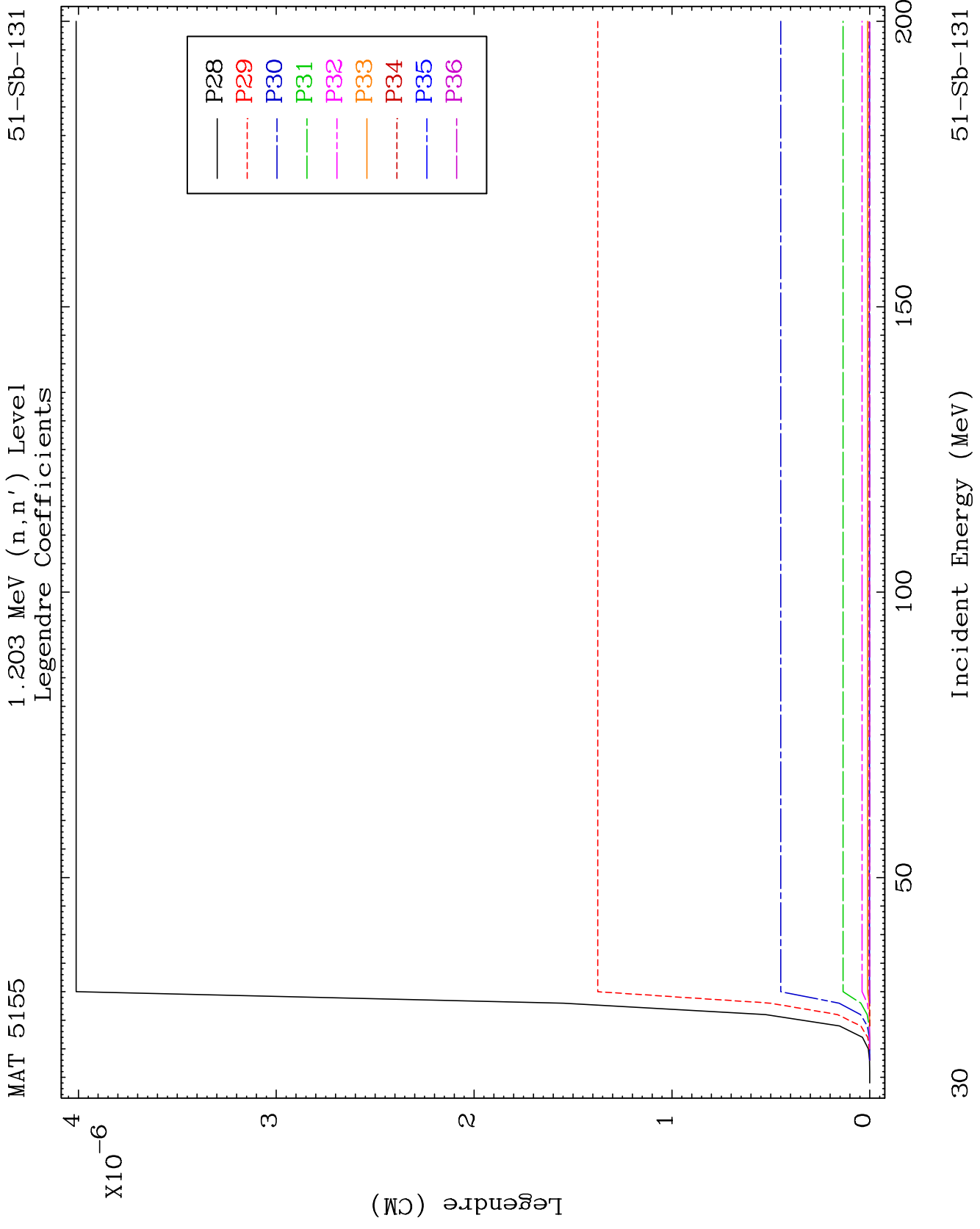


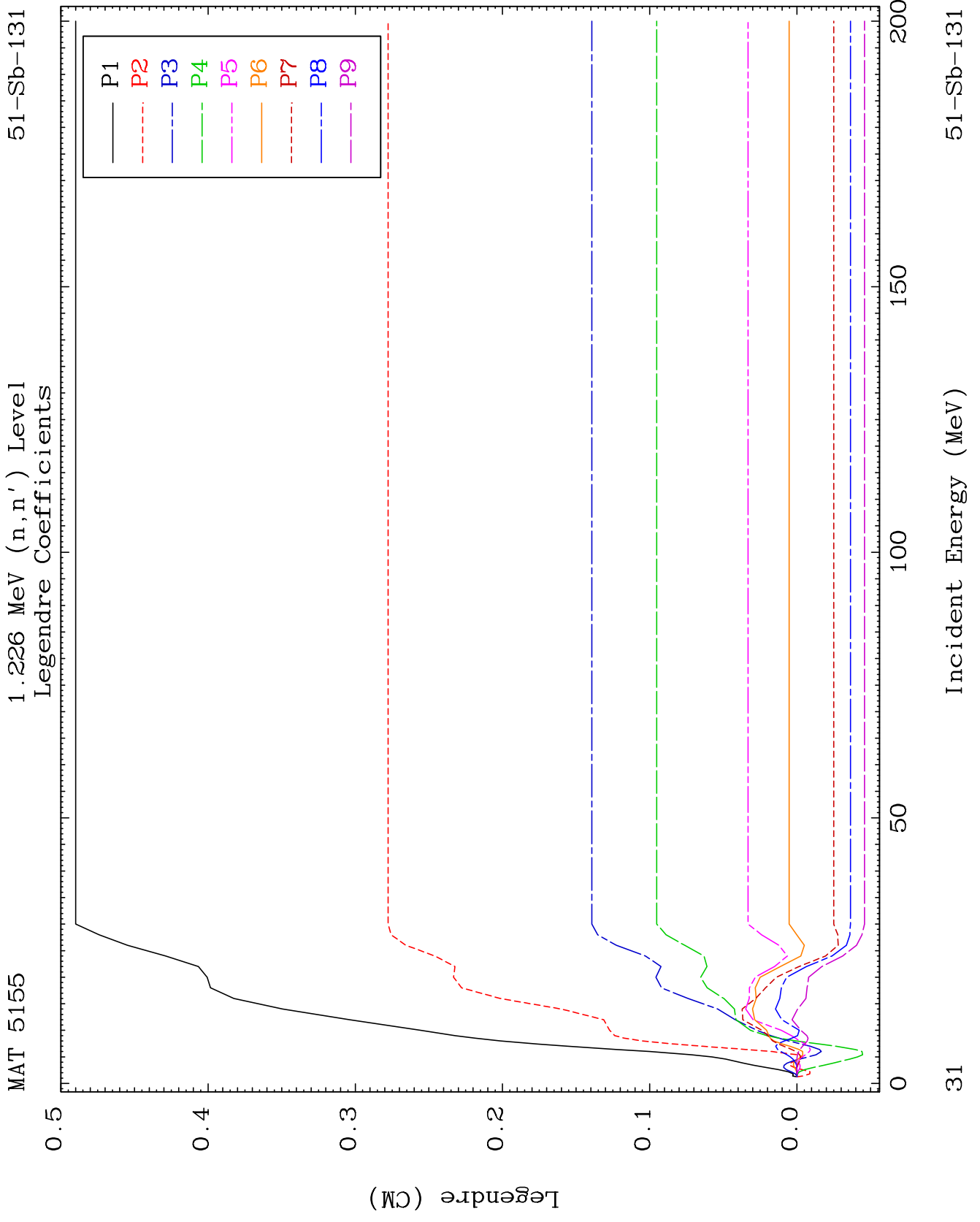
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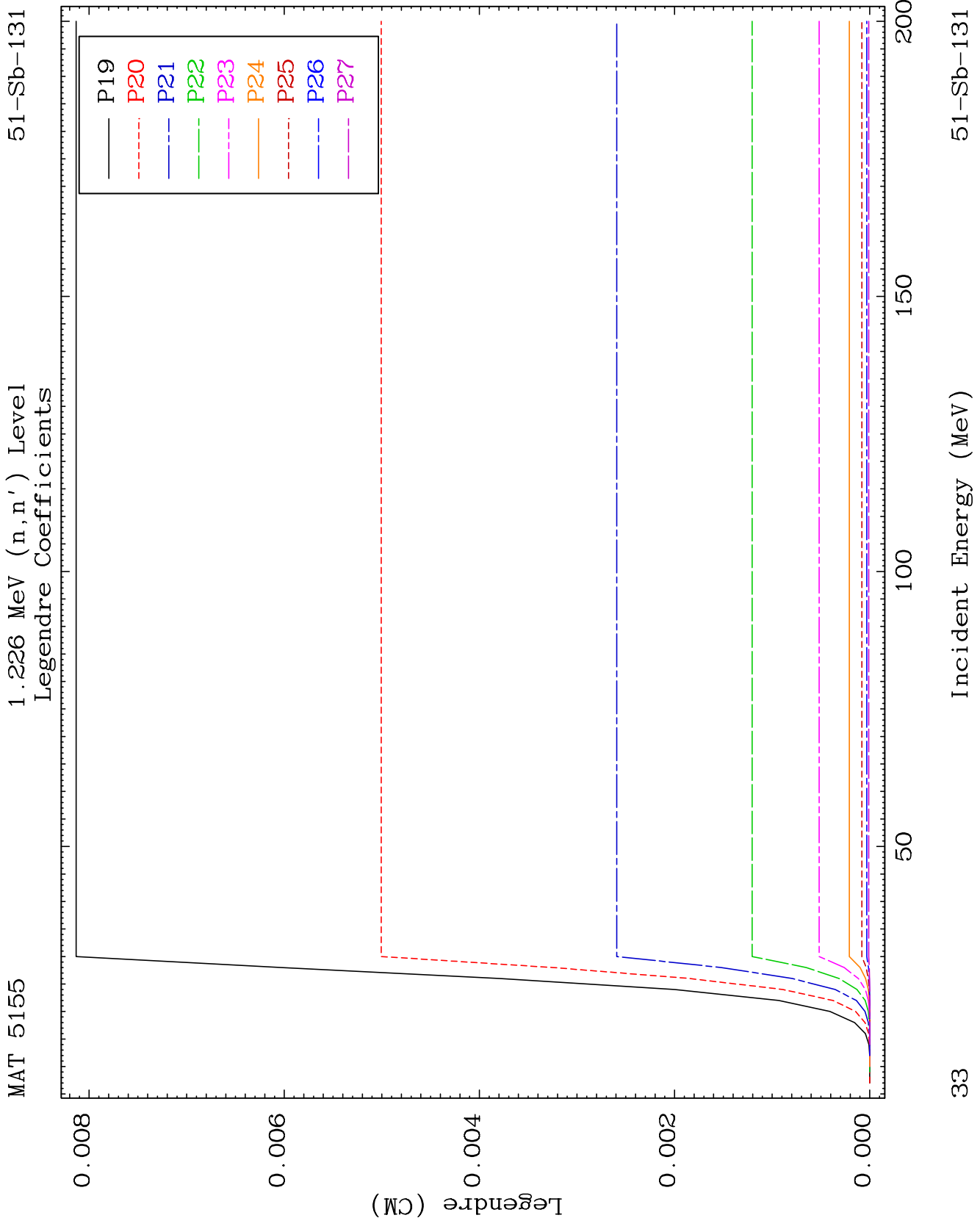
Incident Energy (MeV)

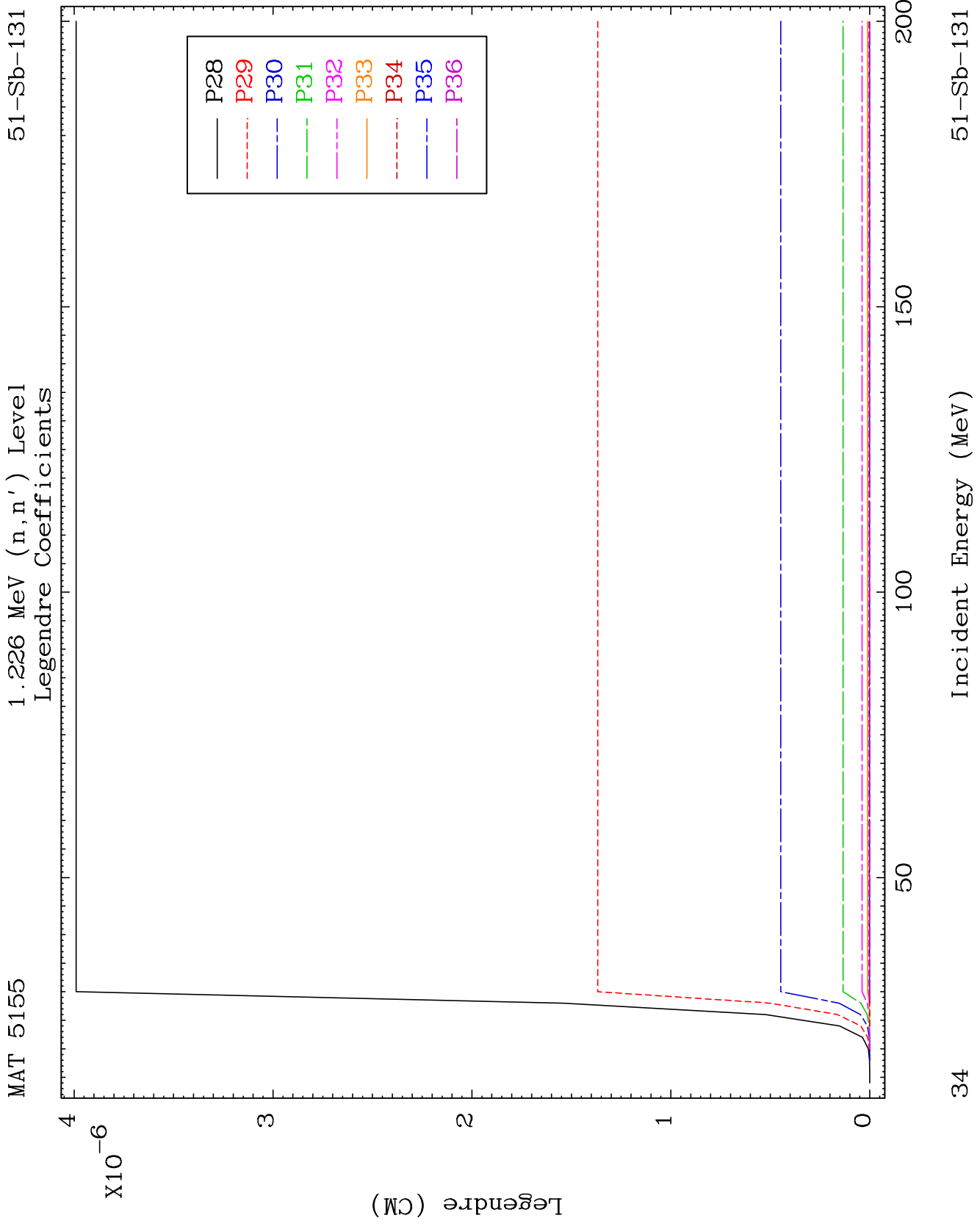
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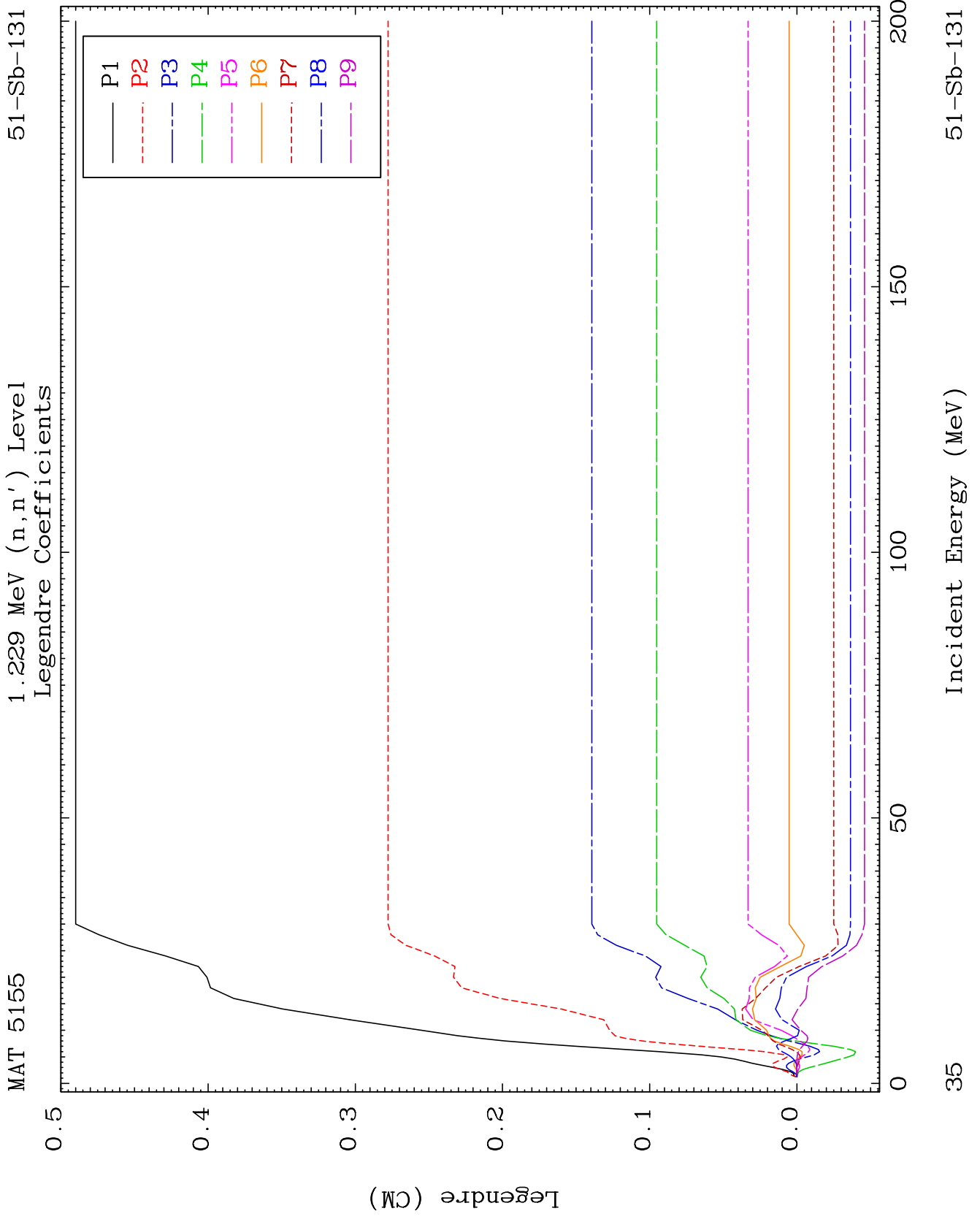


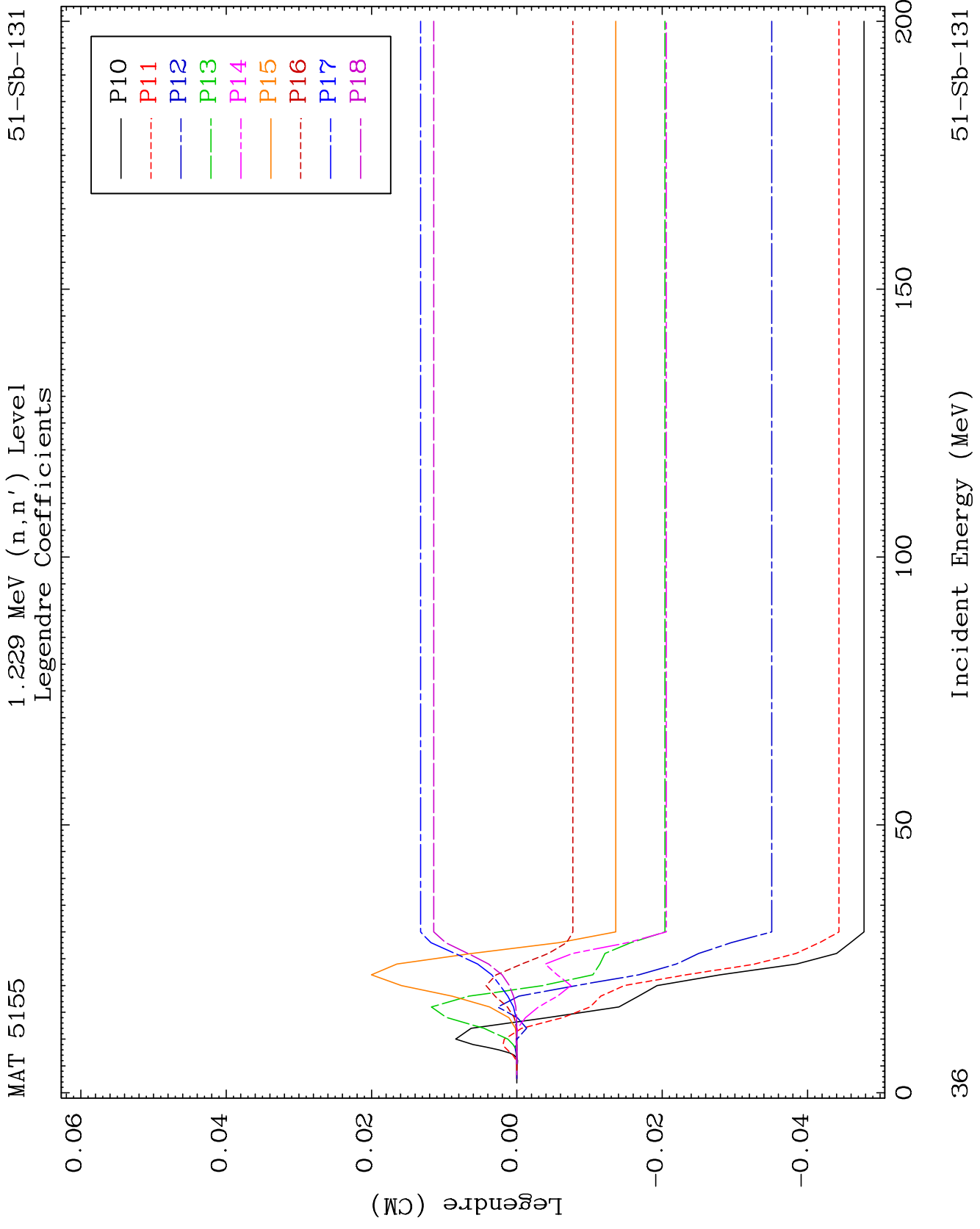


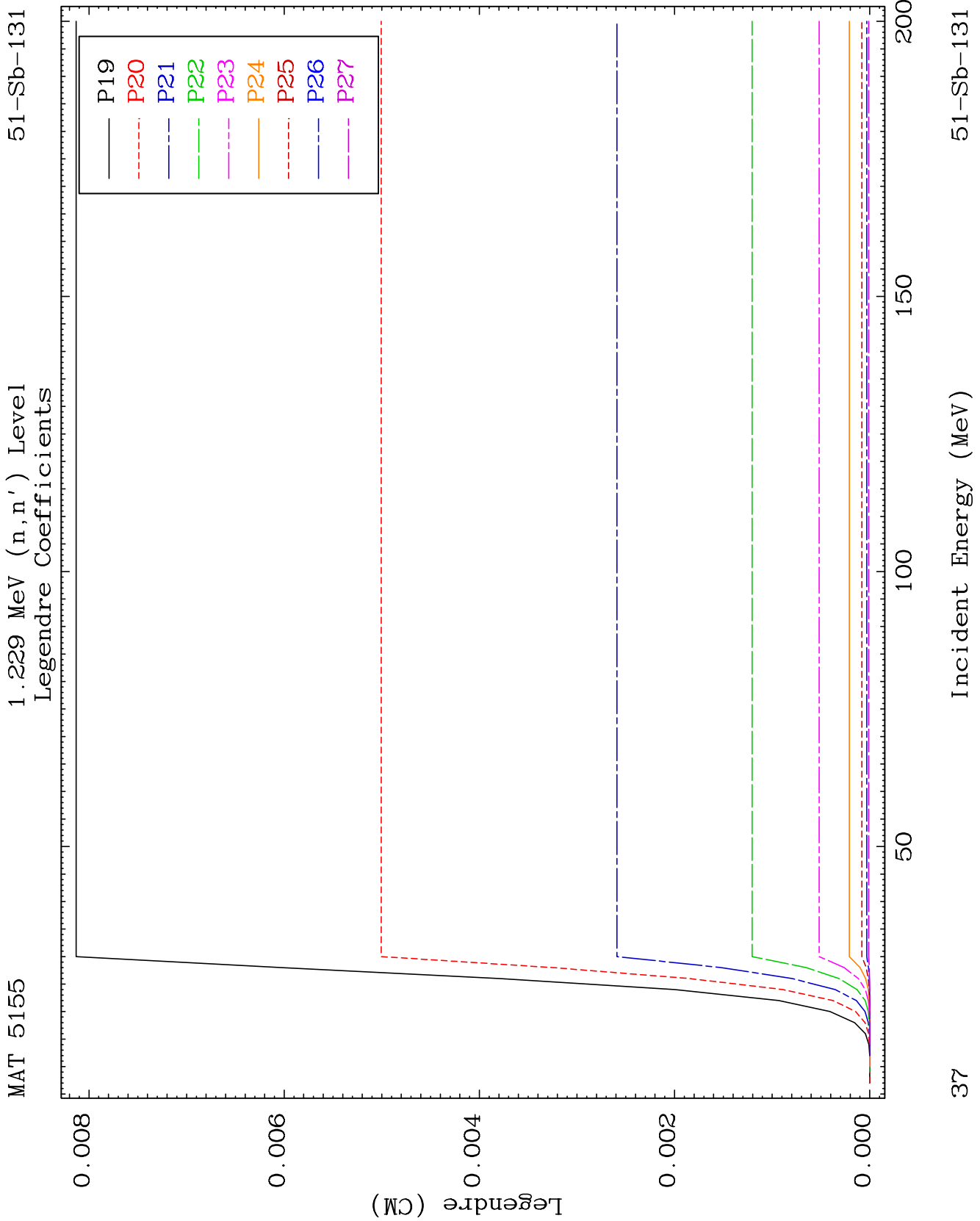


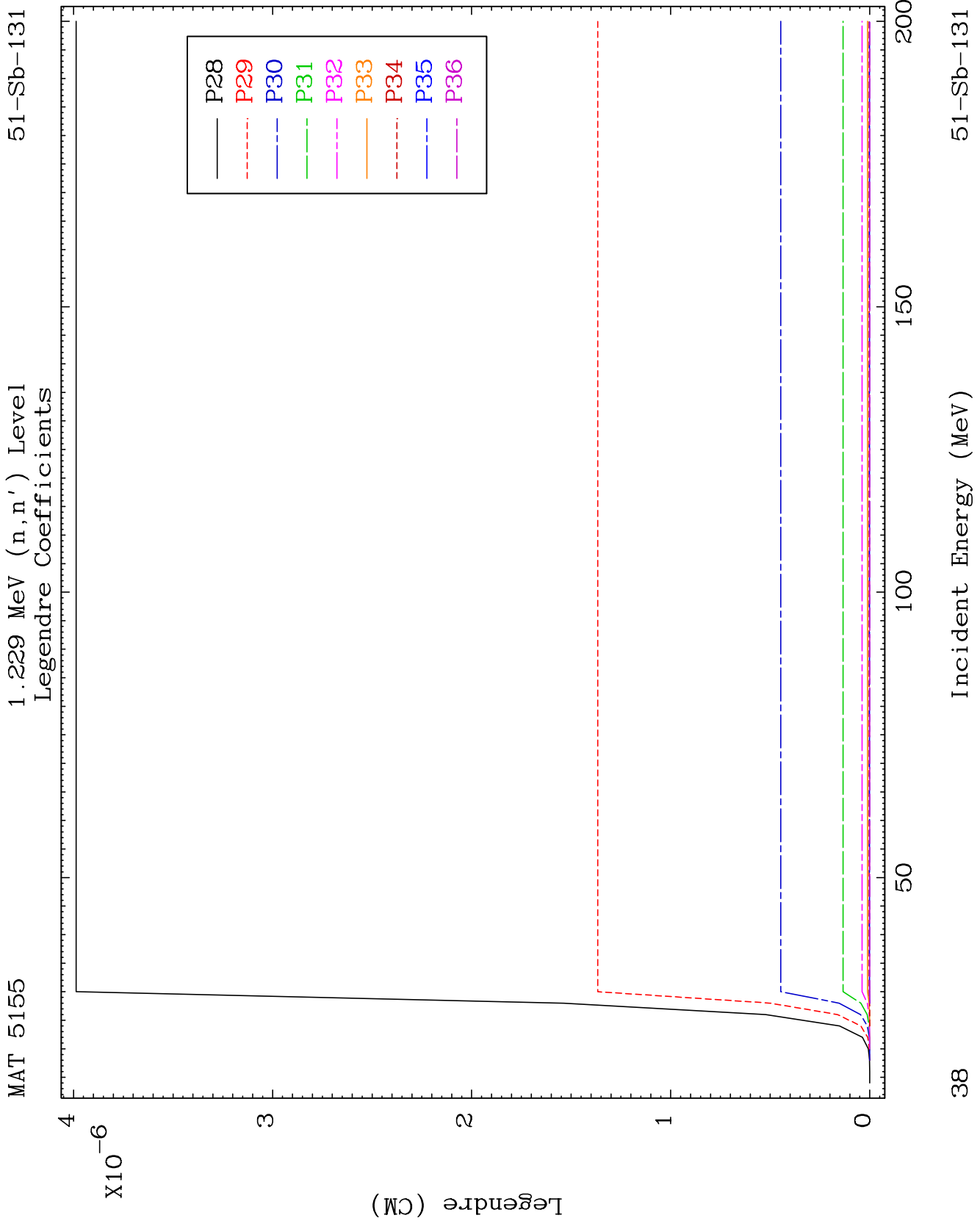


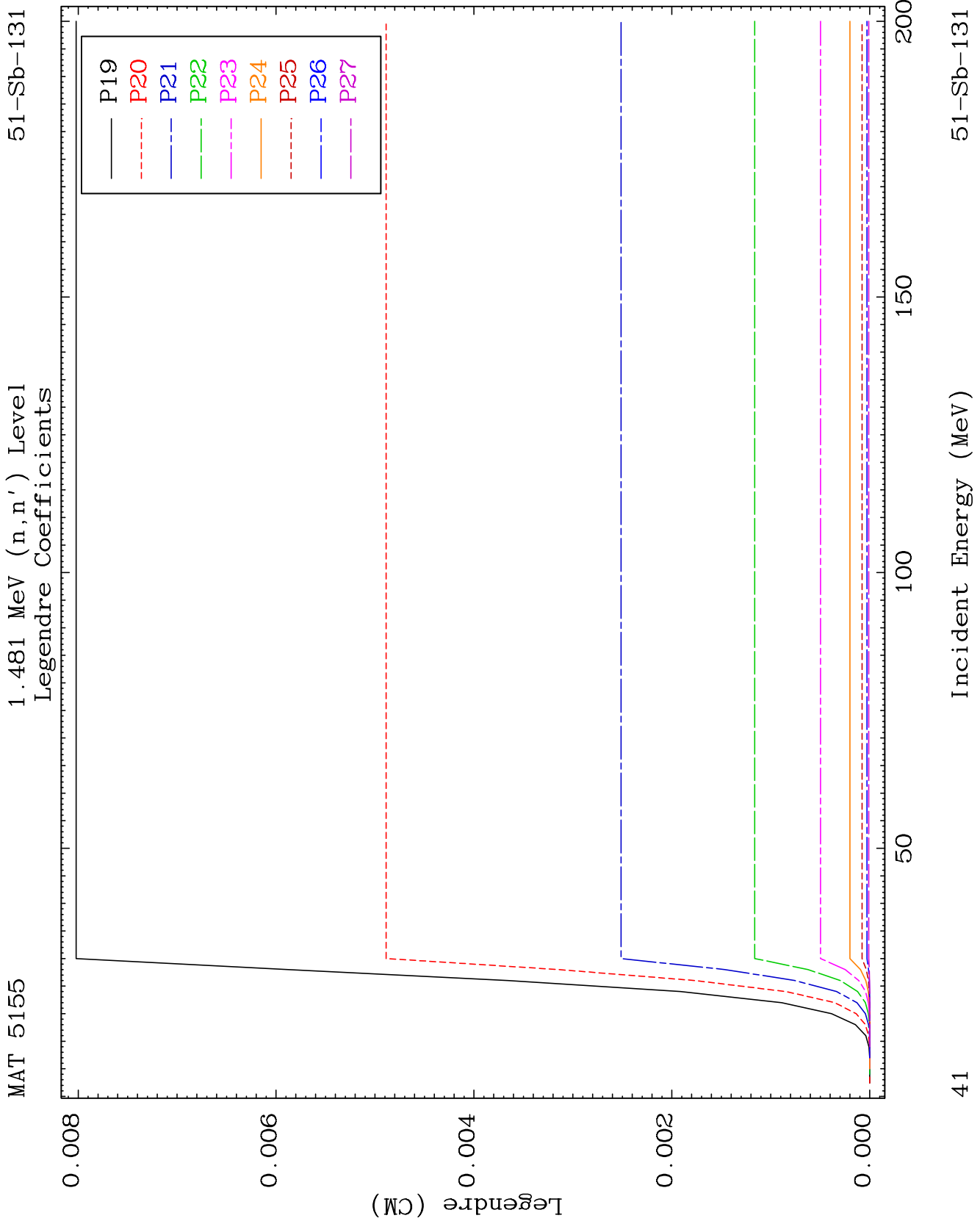








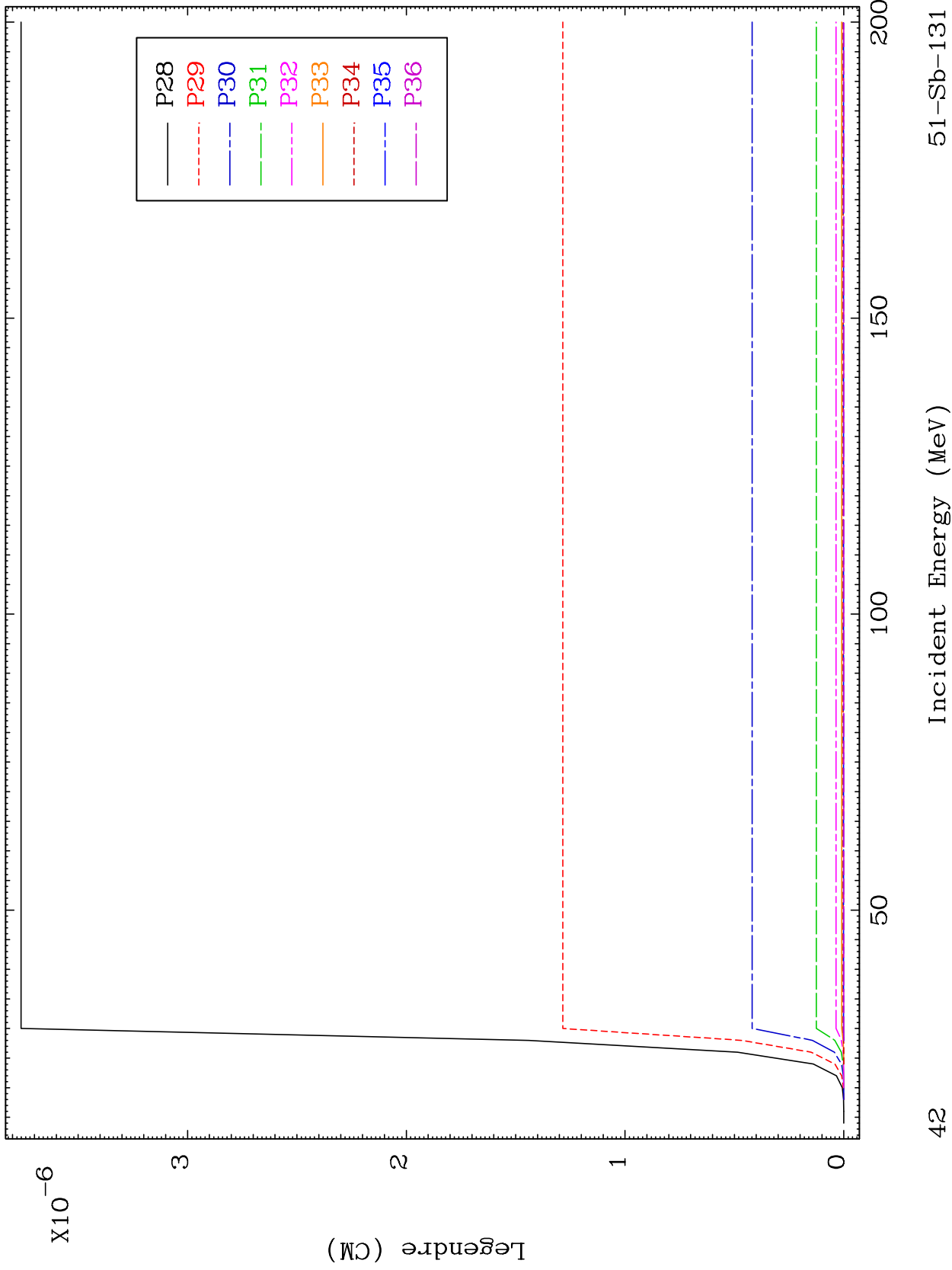




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1.481 MeV (n,n') Level
Legendre Coefficients

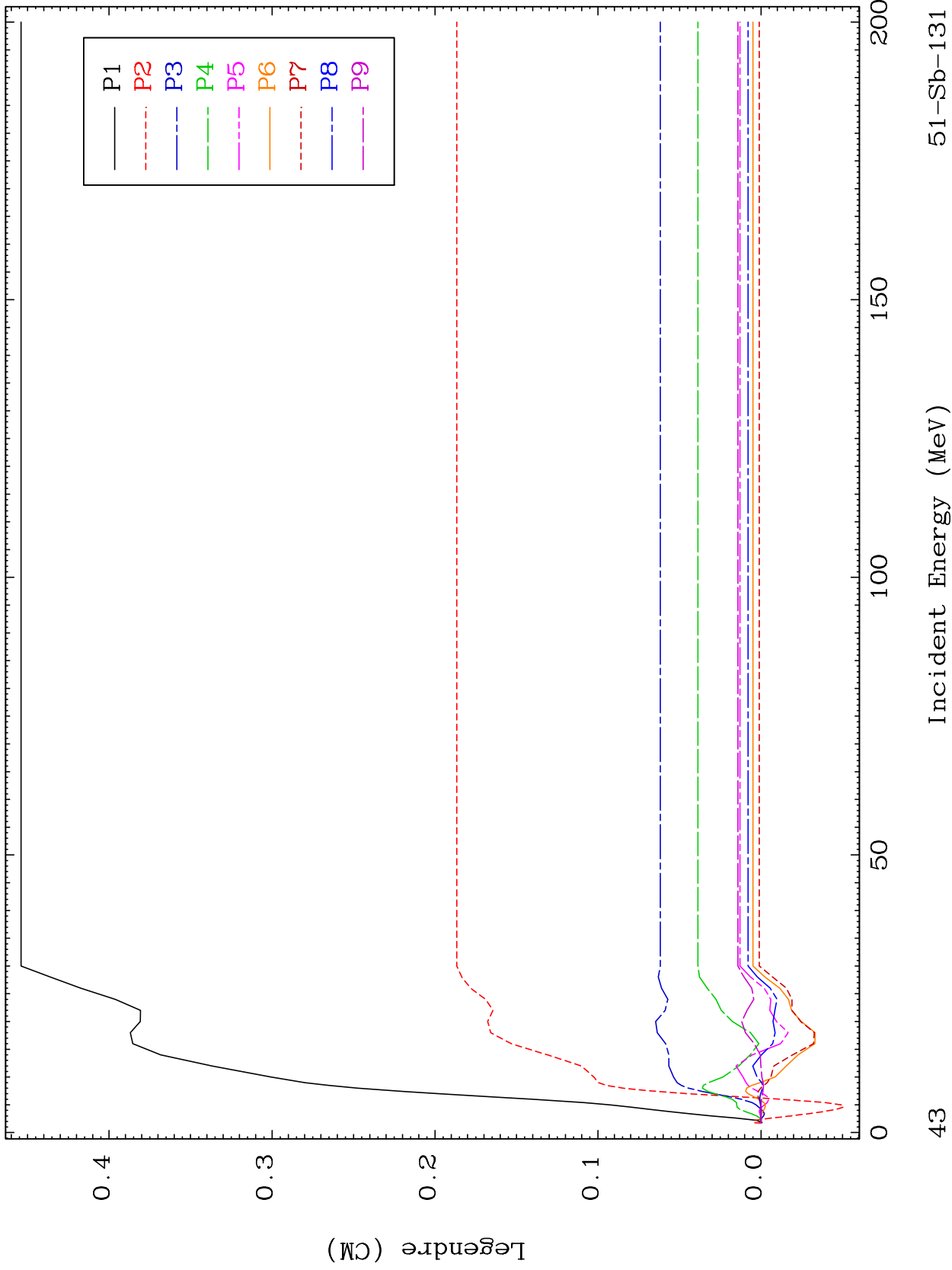
51-Sb-131



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1.676 MeV (n,n') Level
Legendre Coefficients

51-Sb-131



43

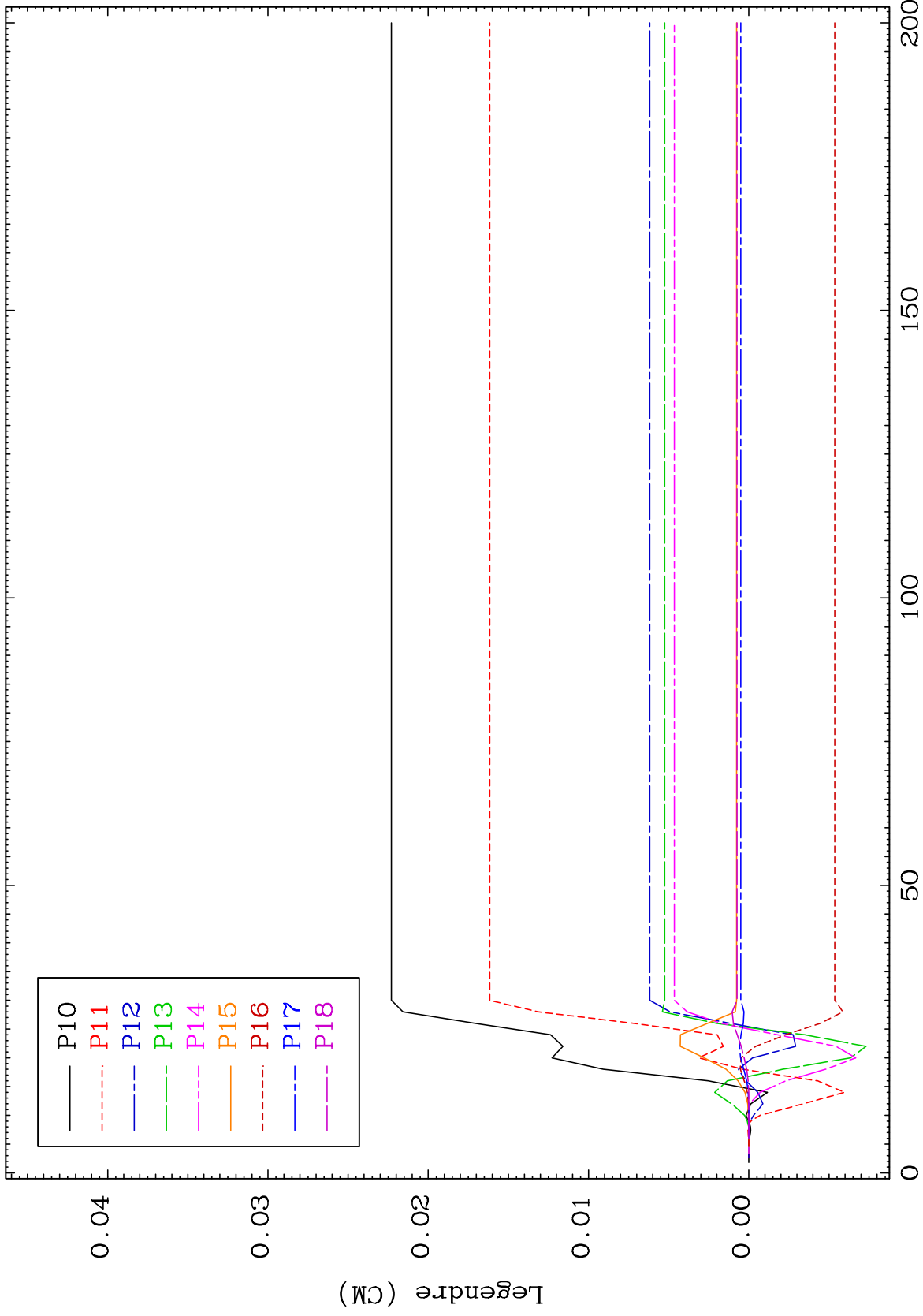
Incident Energy (MeV)

51-Sb-131

MAT 5155

1.676 MeV (n,n') Level
Legendre Coefficients

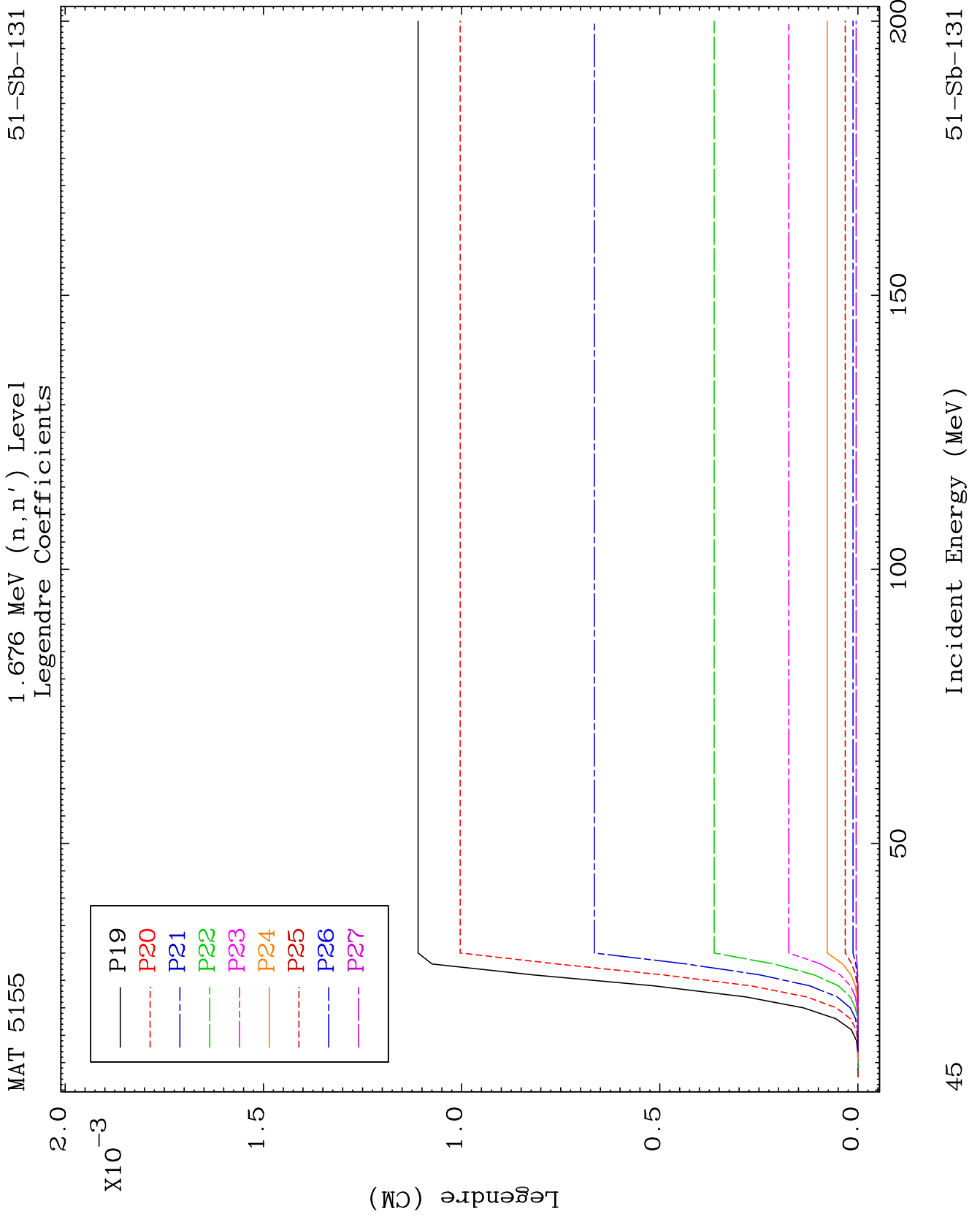
51-Sb-131



44

Incident Energy (MeV)

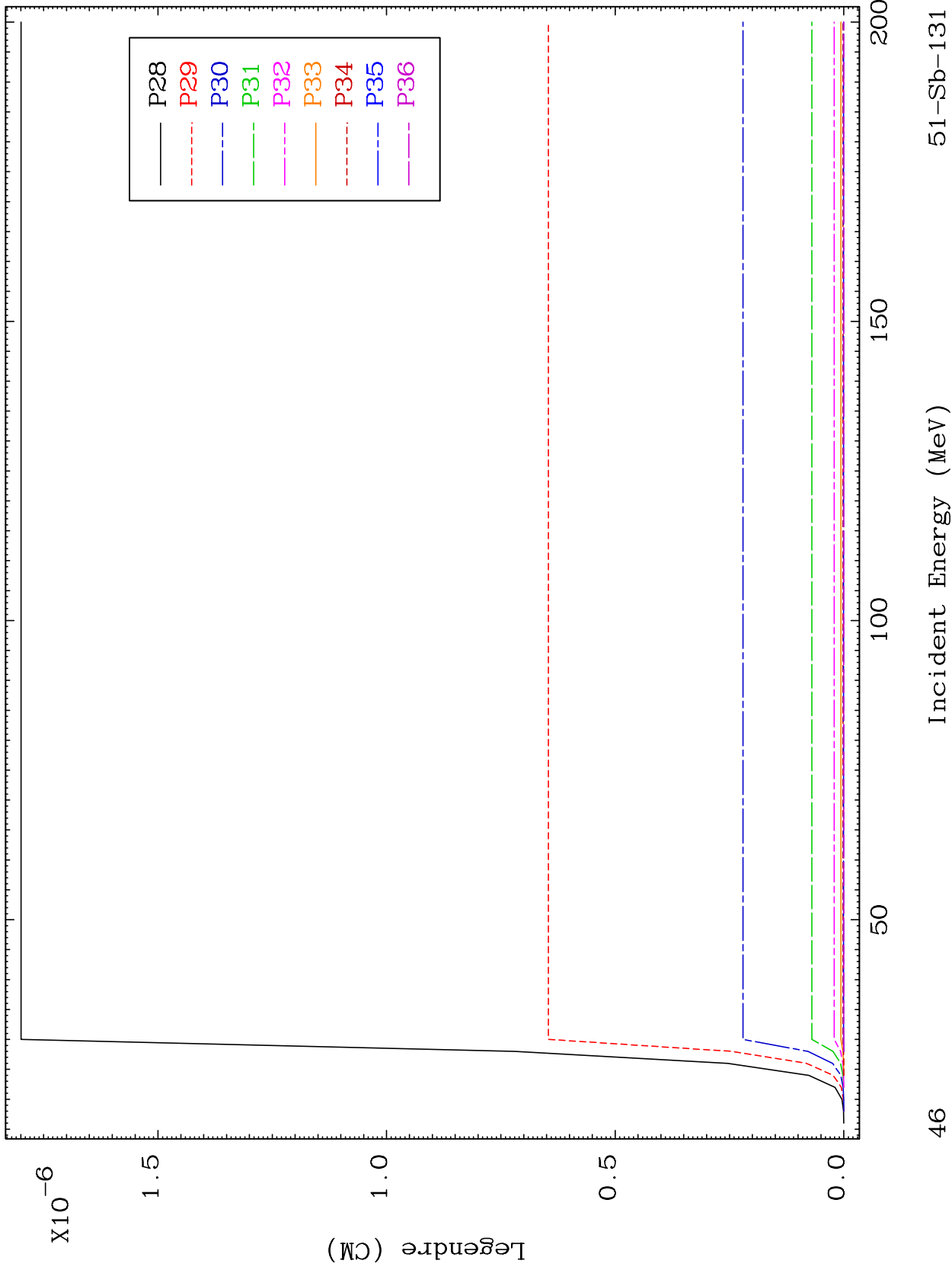
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MAT 5155

1.676 MeV (n,n') Level
Legendre Coefficients

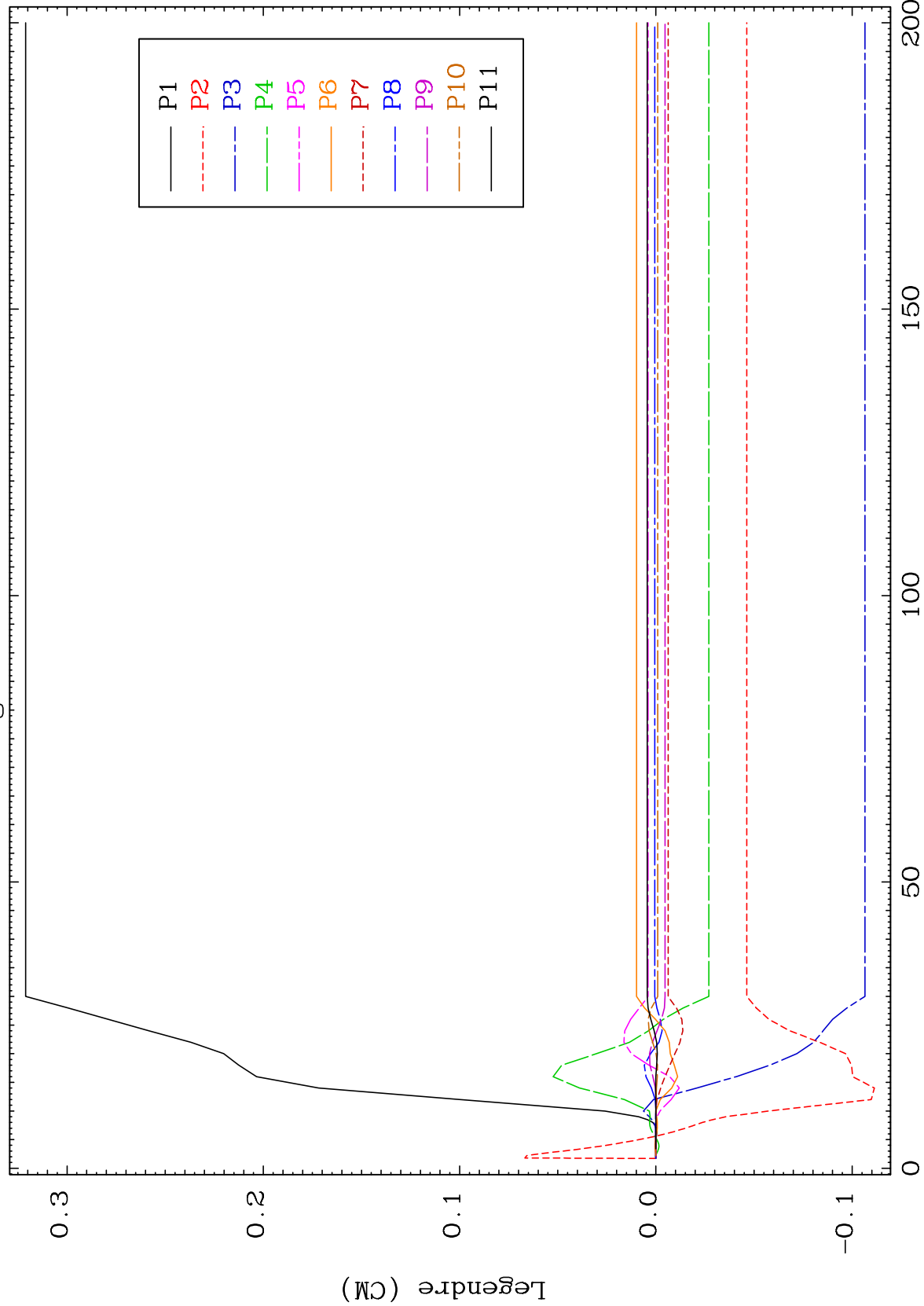
51-Sb-131



MAT 5155

1.687 MeV (n,n') Level
Legendre Coefficients

51-Sb-131



47

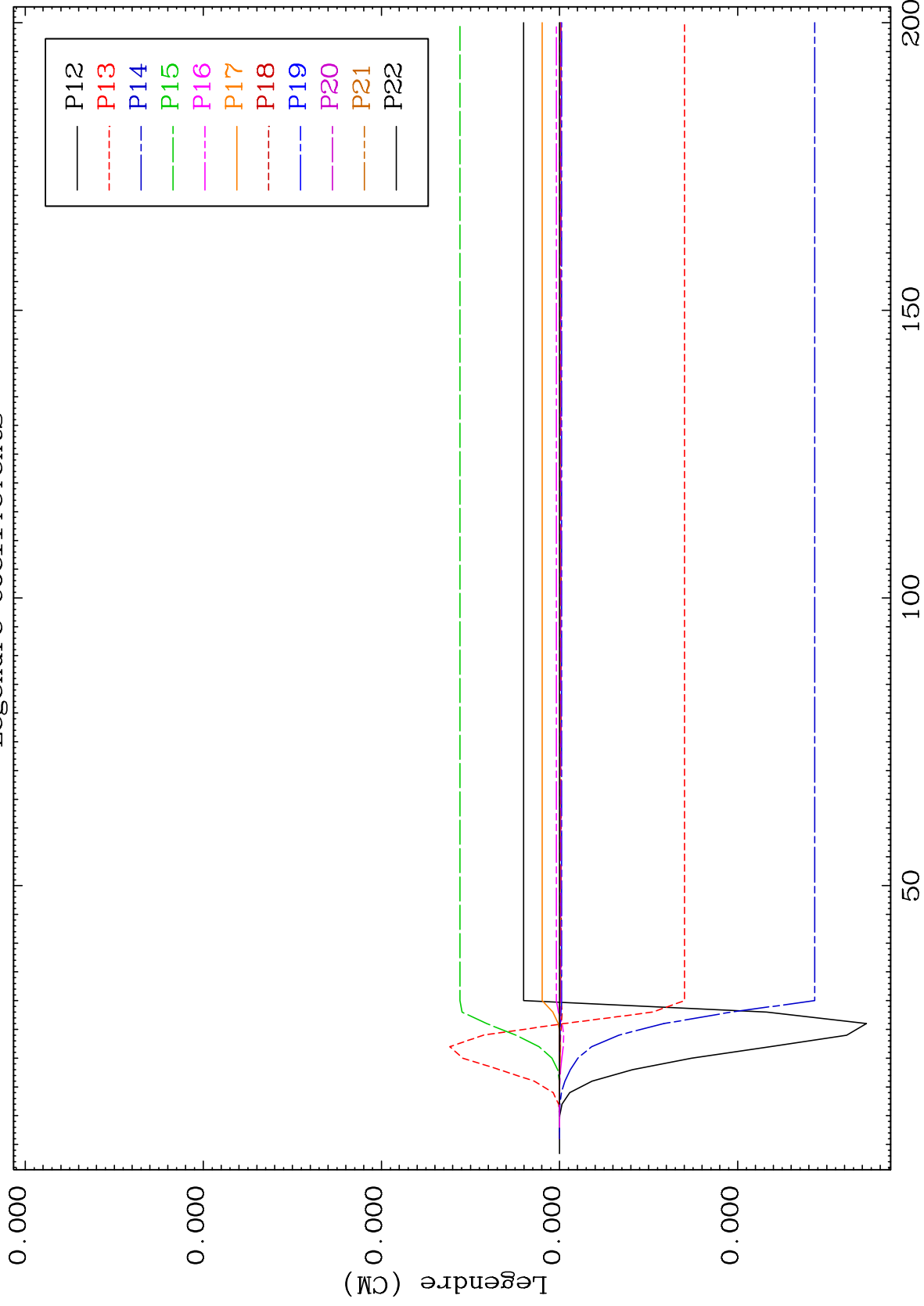
Incident Energy (MeV)

51-Sb-131

MAT 5155

1.687 MeV (n,n') Level
Legendre Coefficients

51-Sb-131



48

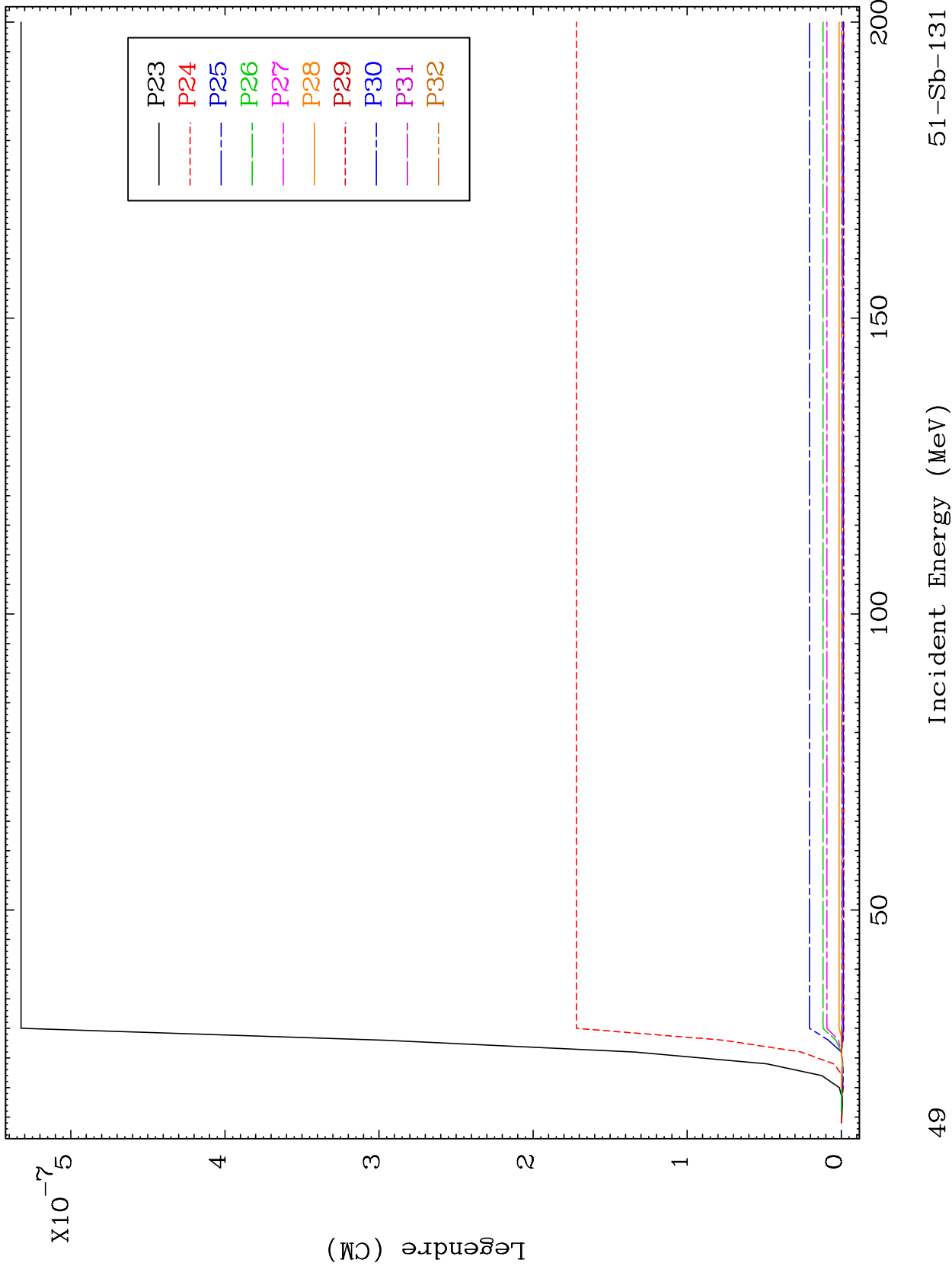
Incident Energy (MeV)

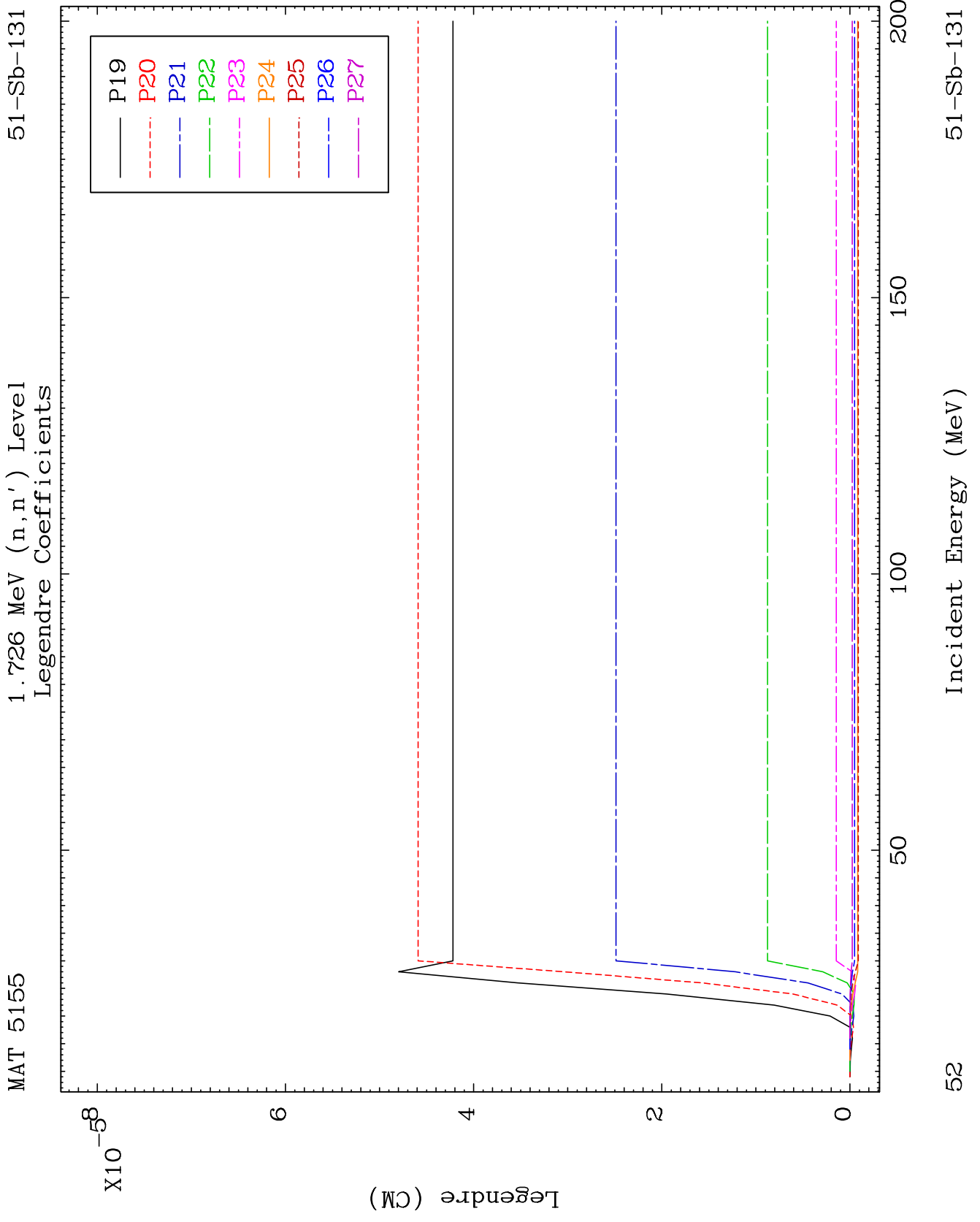
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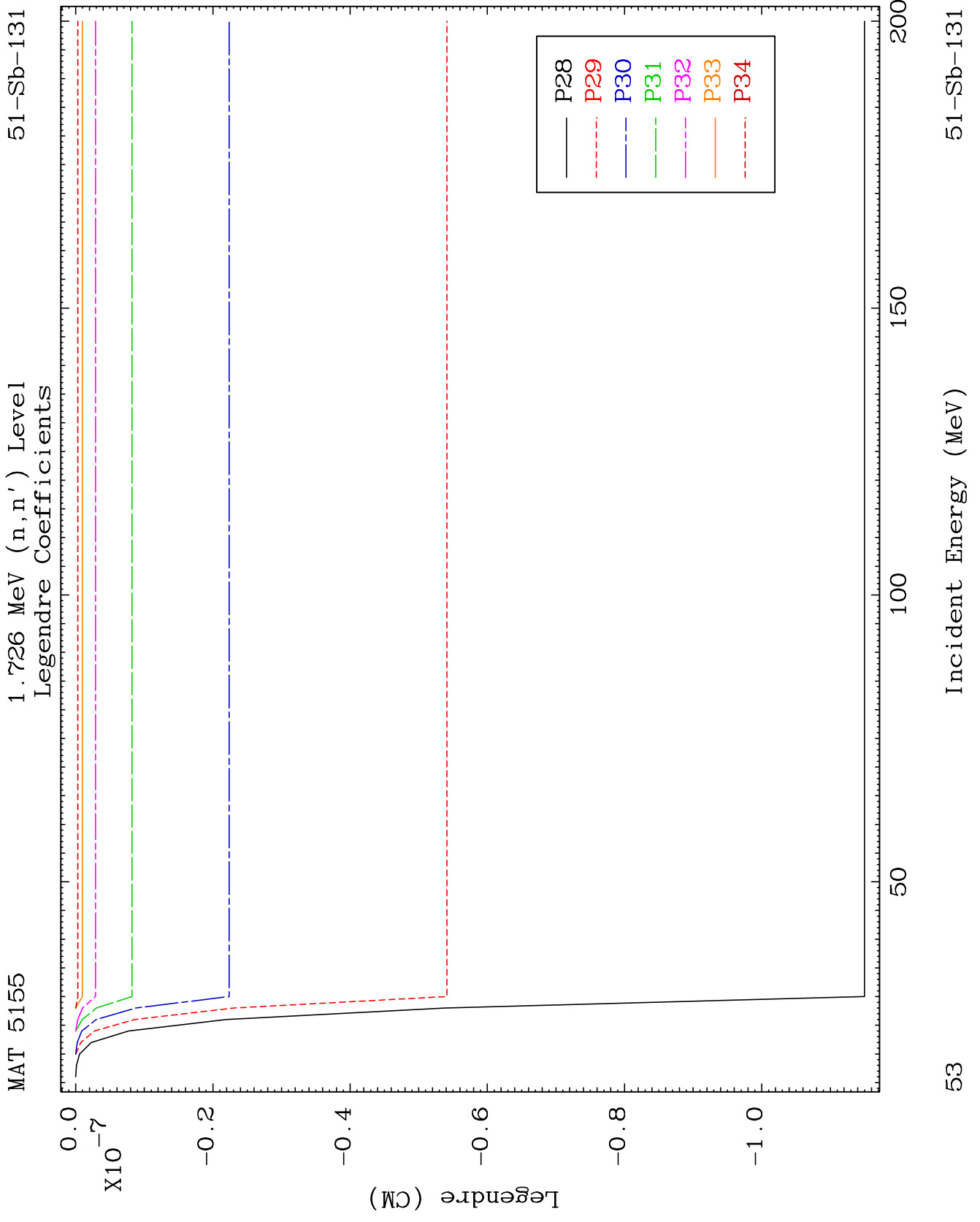
MAT 5155

1.687 MeV (n,n') Level
Legendre Coefficients

51-Sb-131



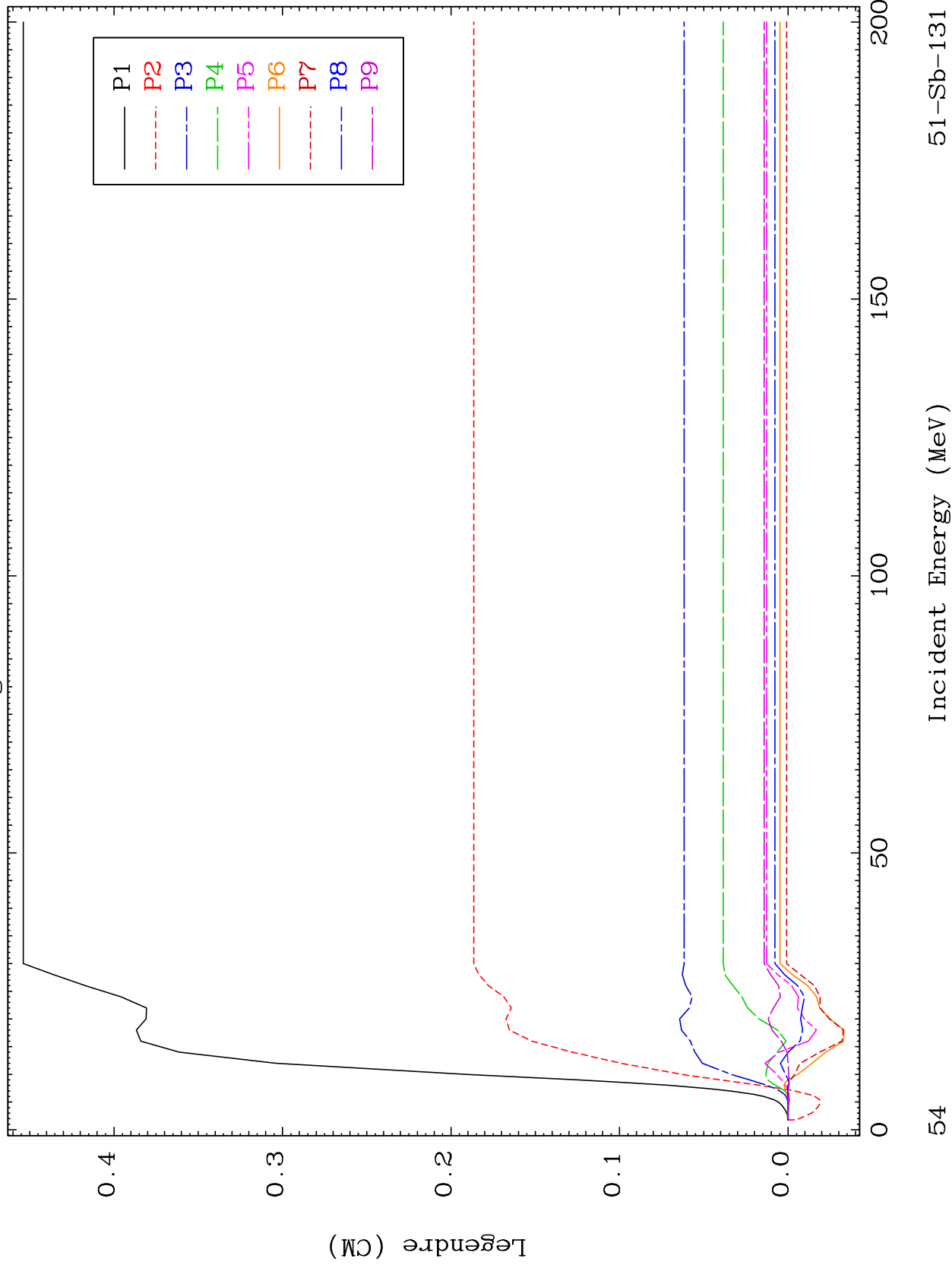




MAT 5155

1.731 MeV (n,n') Level
Legendre Coefficients

51-Sb-131



51-Sb-131

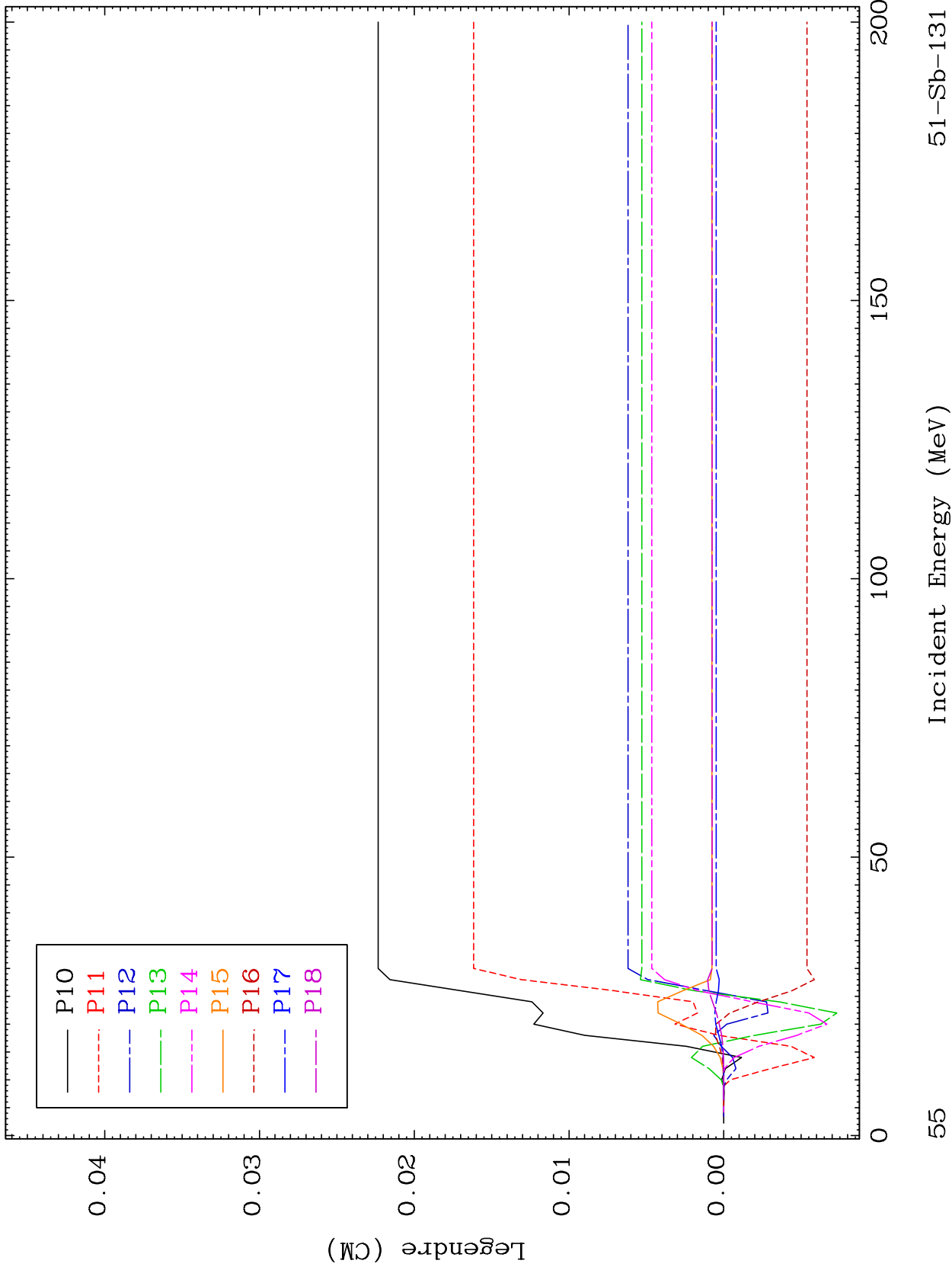
Incident Energy (MeV)

54

MAT 5155

1.731 MeV (n,n') Level
Legendre Coefficients

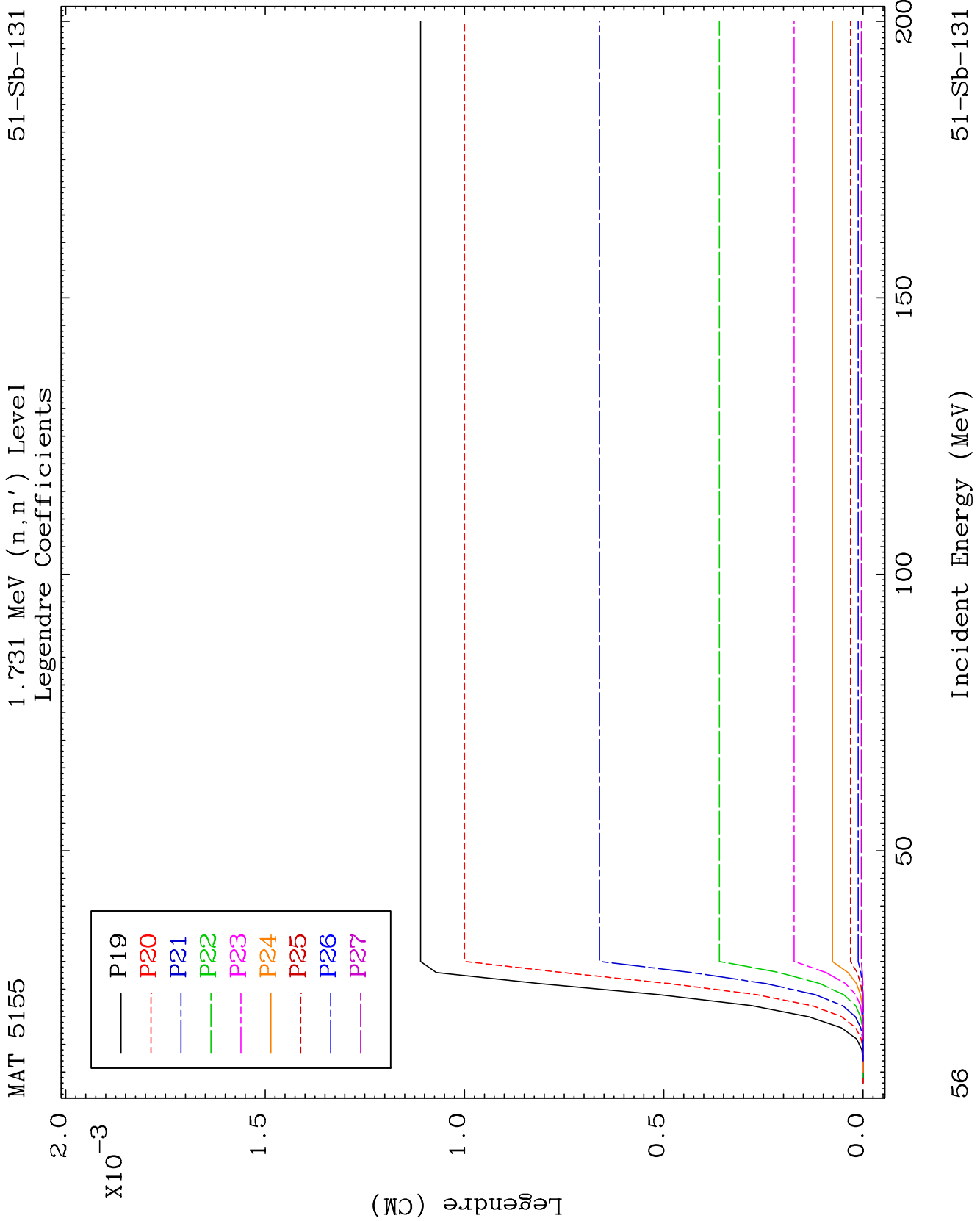
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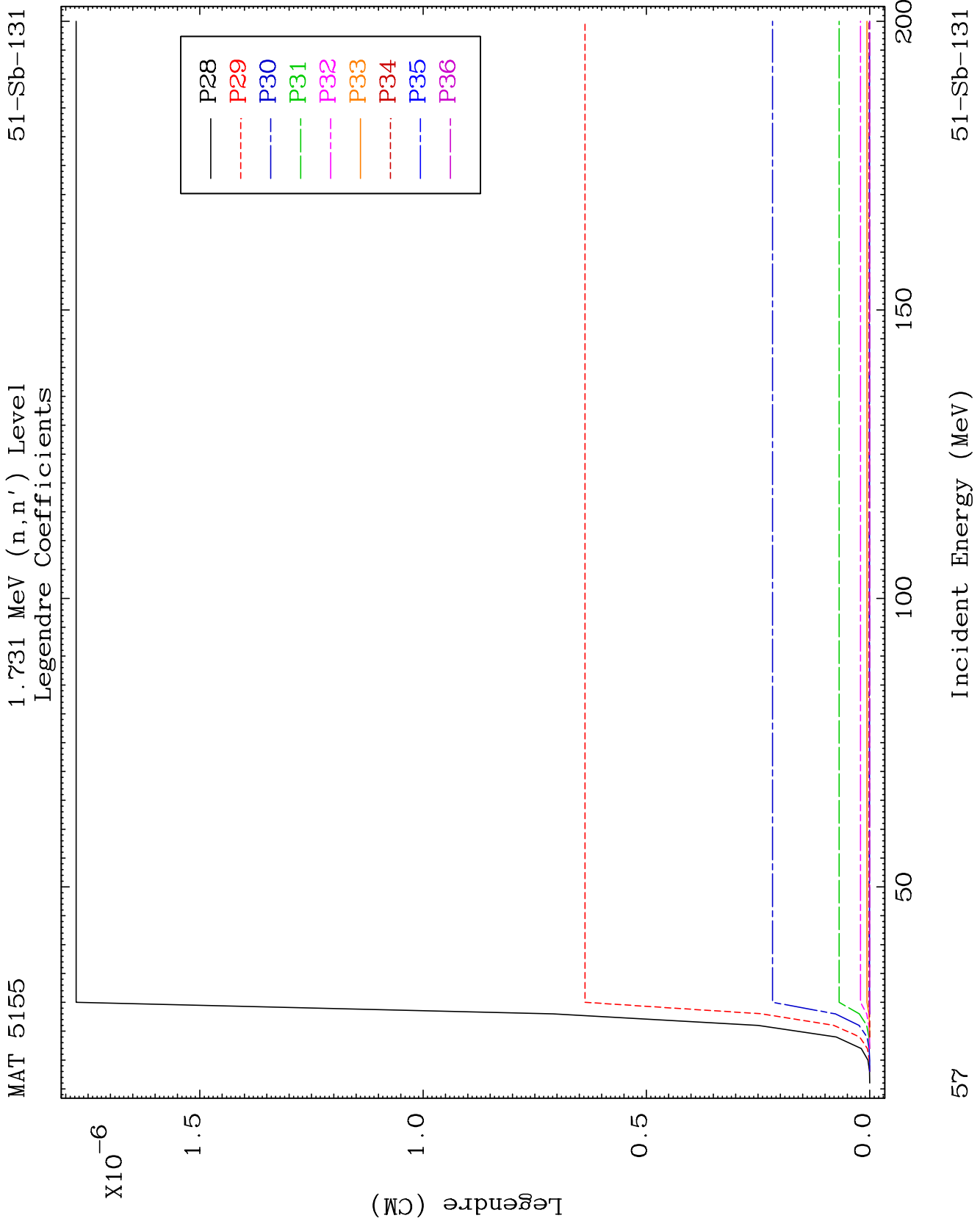


51-Sb-131

Incident Energy (MeV)

55

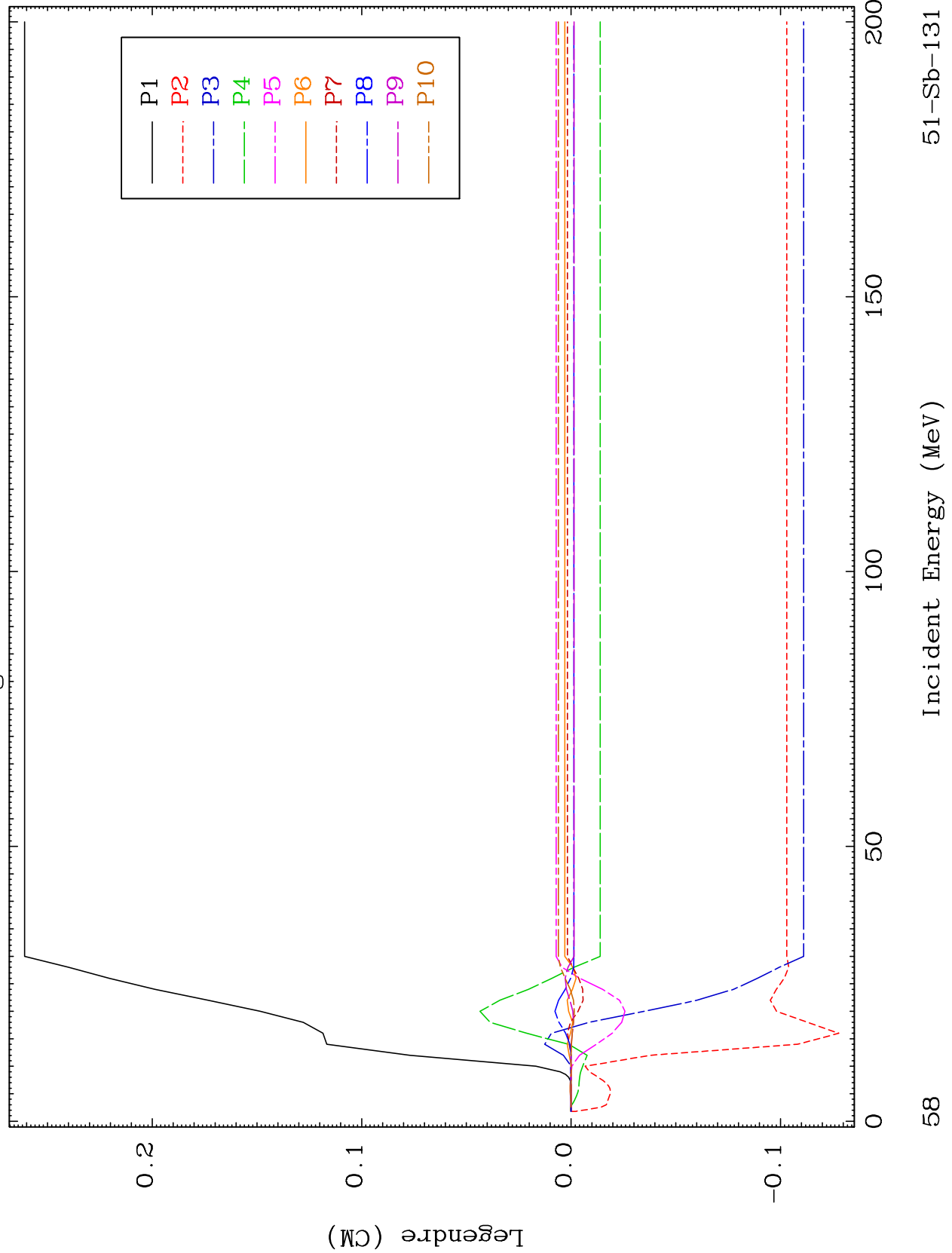




MAT 5155

1.758 MeV (n,n') Level
Legendre Coefficients

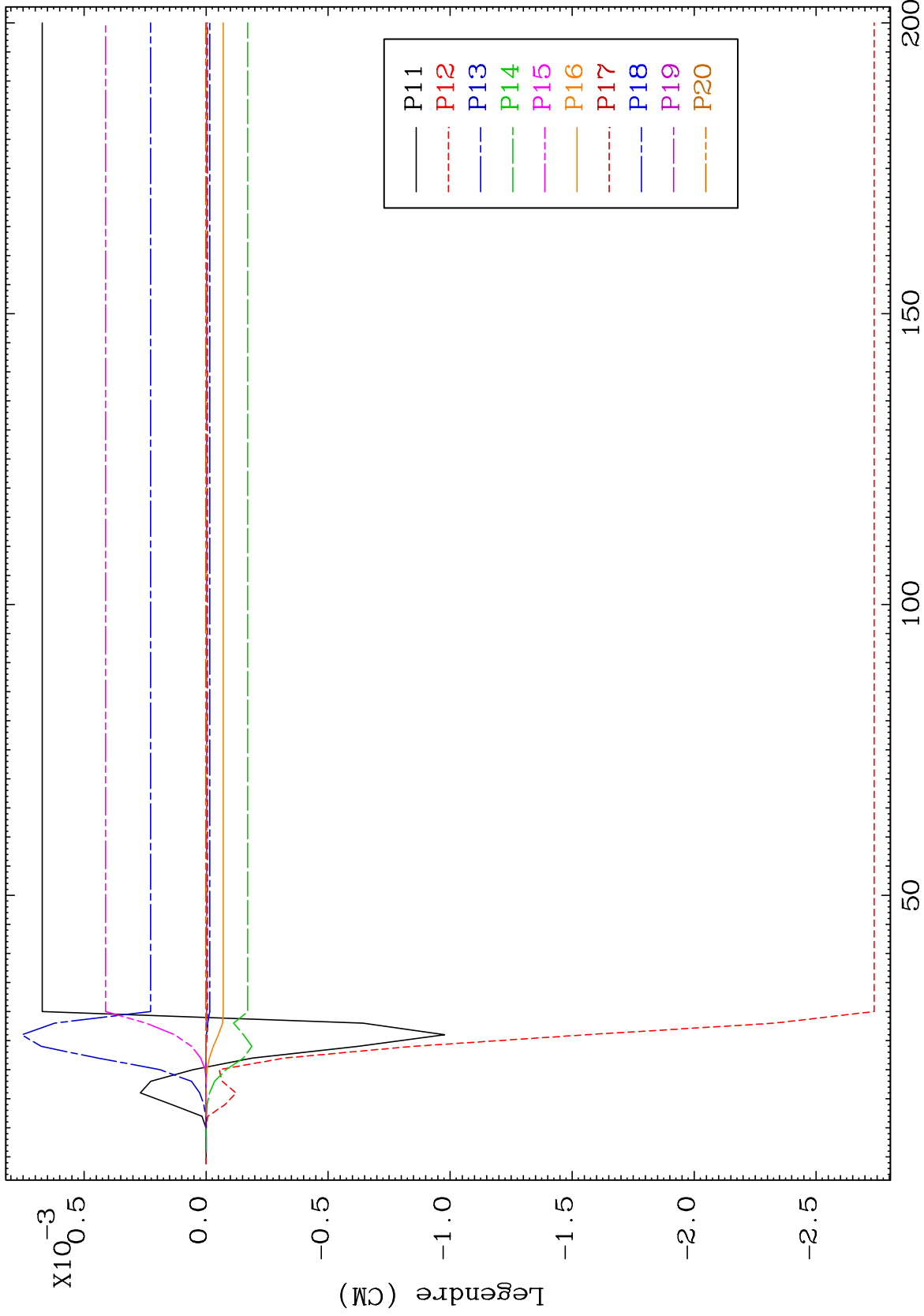
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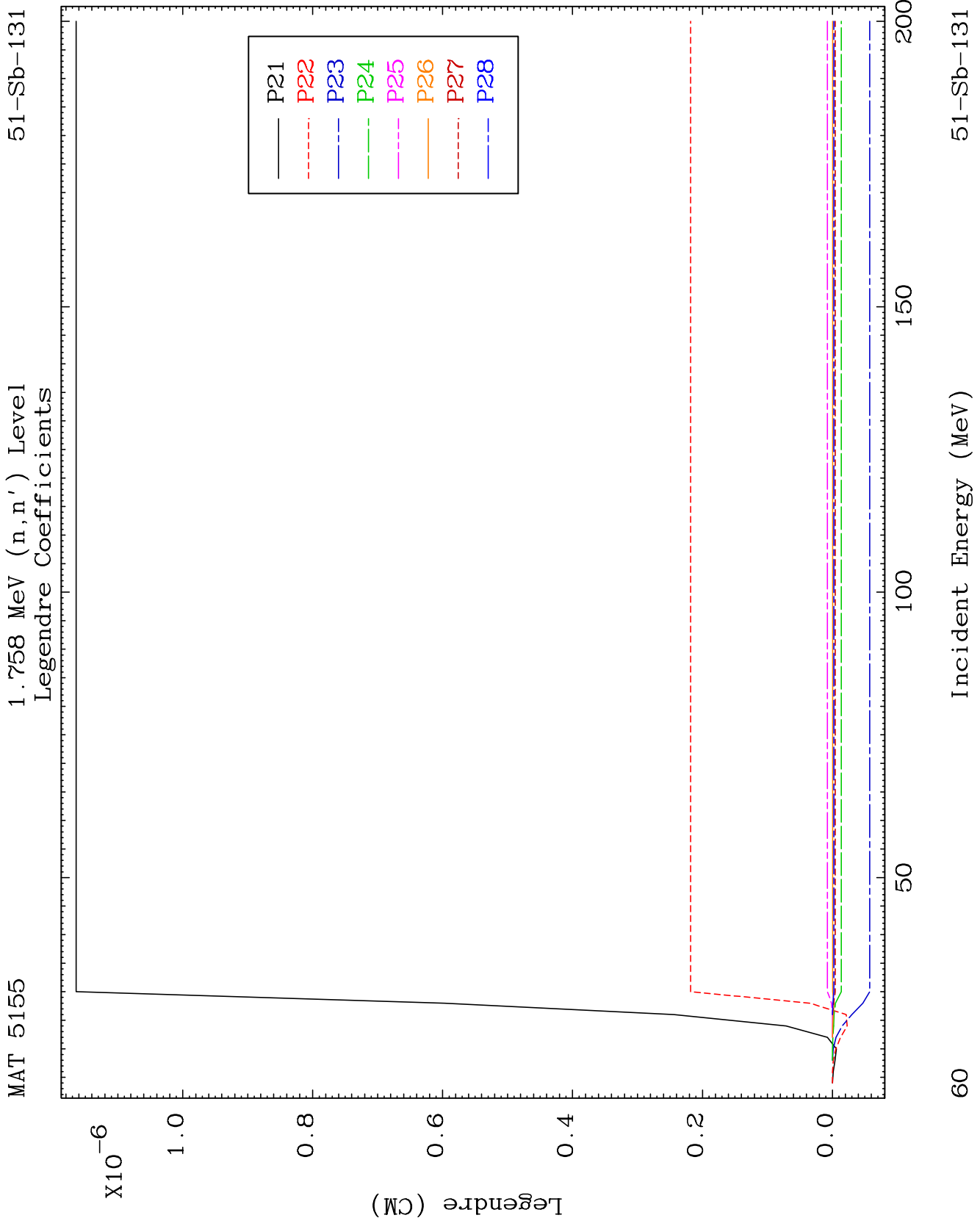


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Incident Energy (MeV)

51-Sb-131

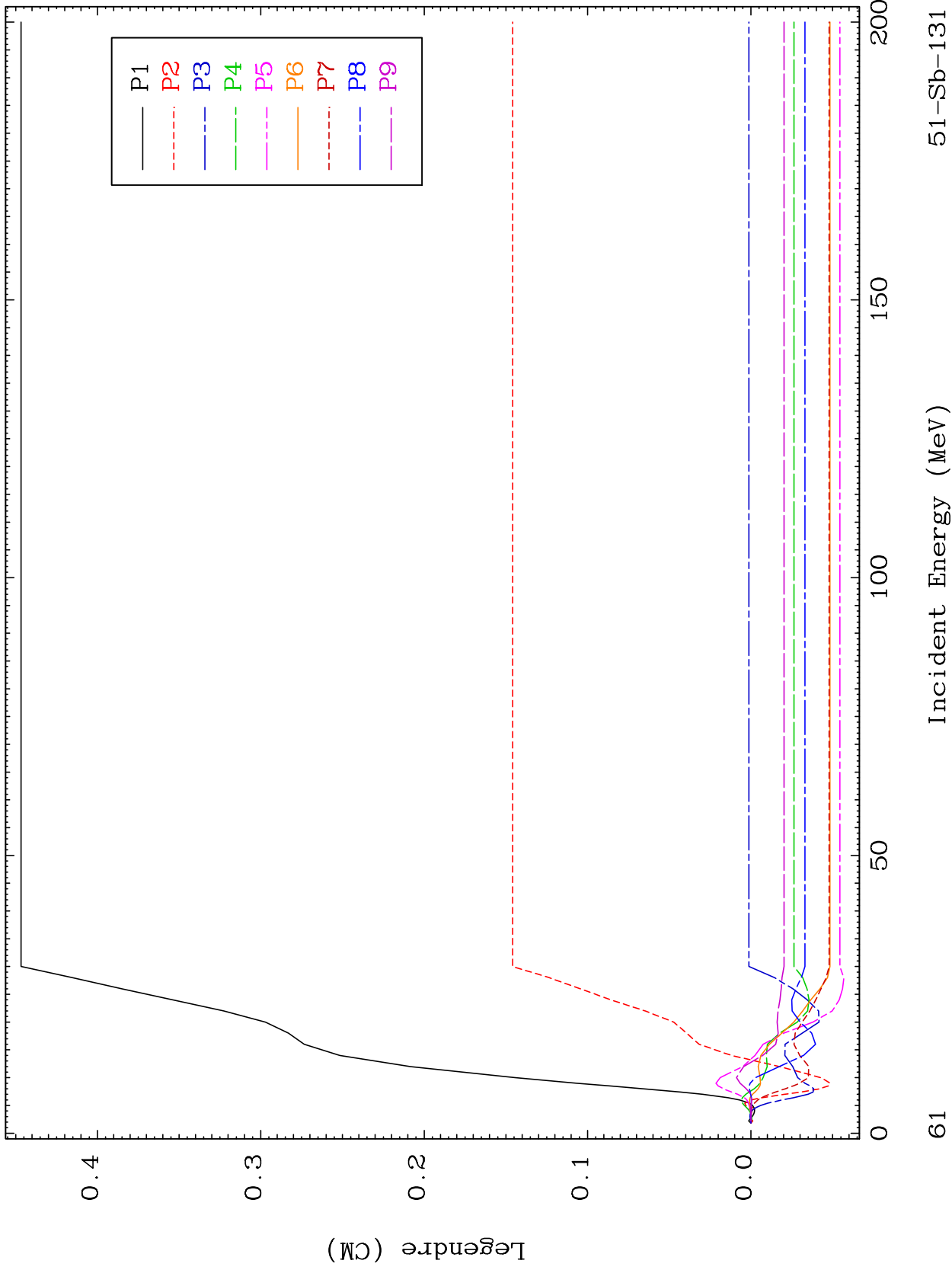




MAT 5155

1.787 MeV (n,n') Level
Legendre Coefficients

51-Sb-131



61

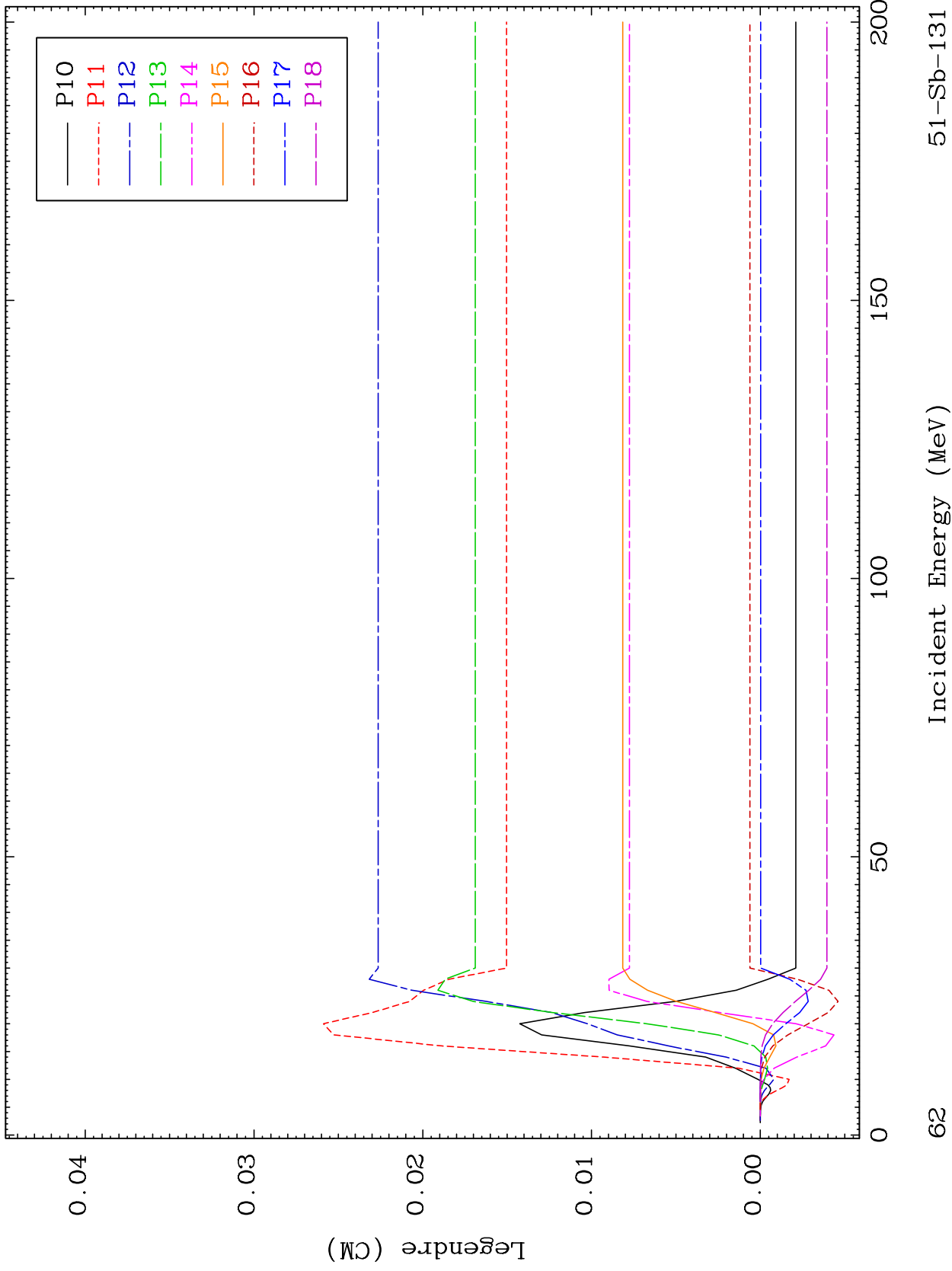
Incident Energy (MeV)

51-Sb-131

MAT 5155

1.787 MeV (n,n') Level
Legendre Coefficients

51-Sb-131

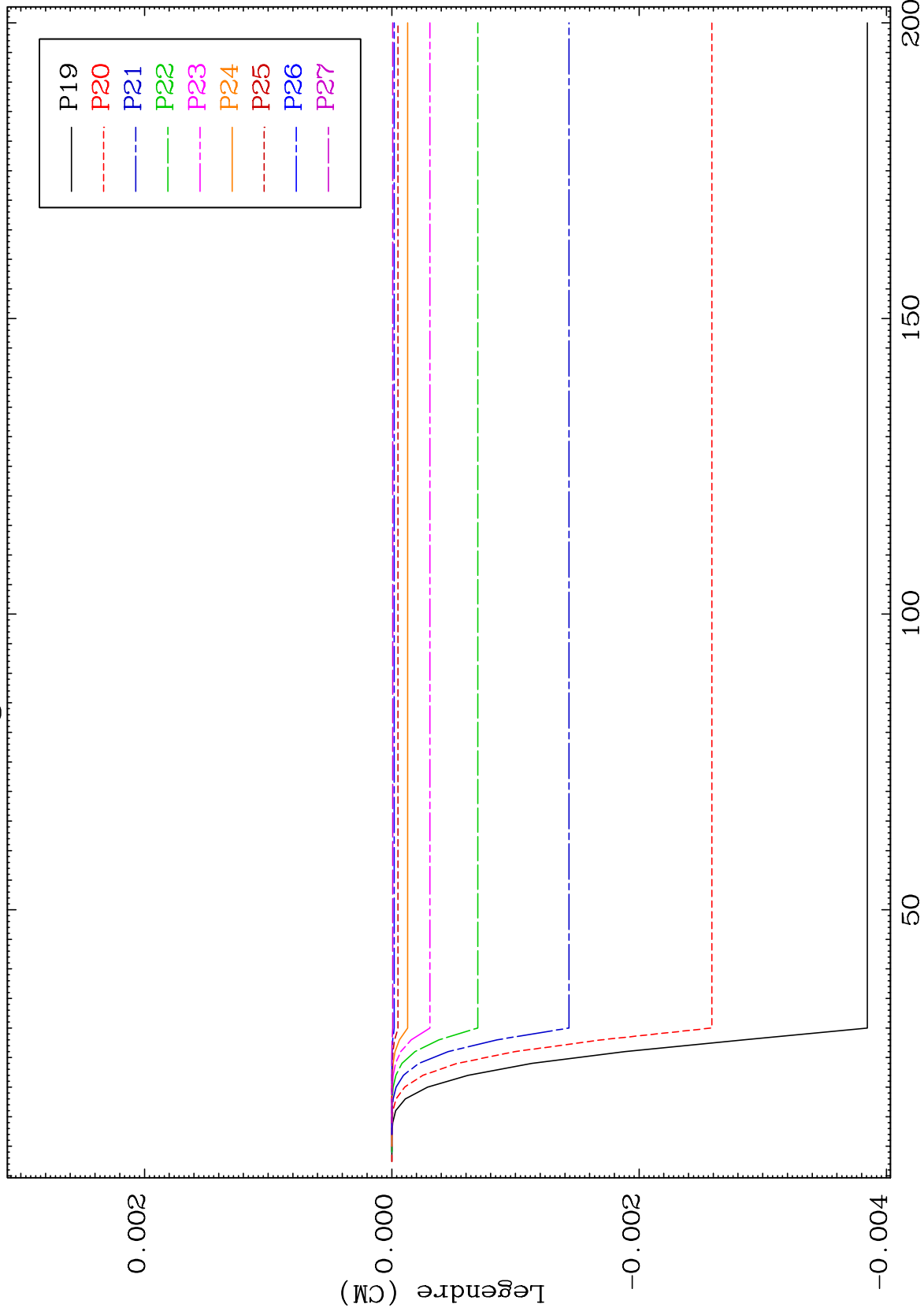


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MAT 5155

1.787 MeV (n,n') Level
Legendre Coefficients

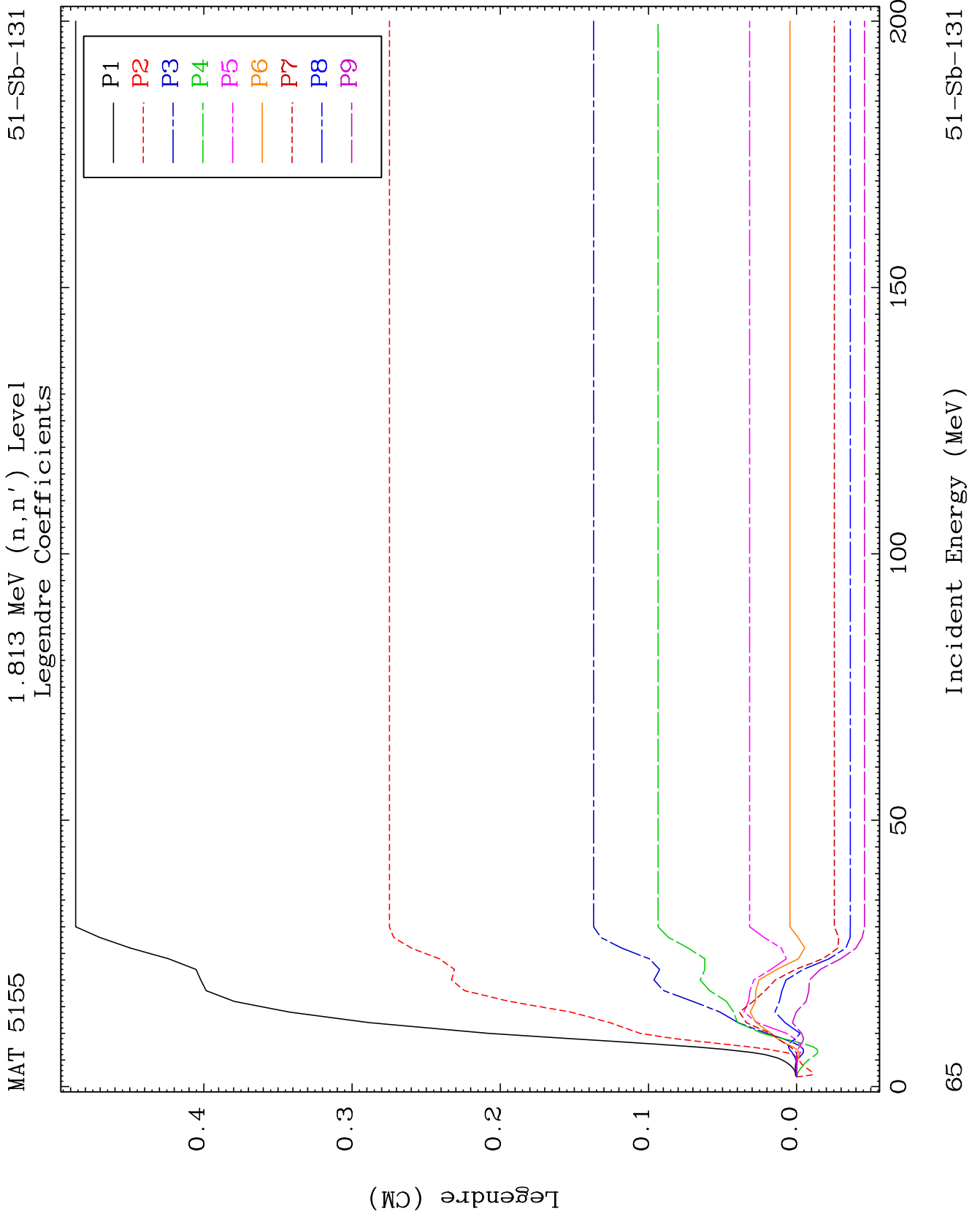
51-Sb-131



63

Incident Energy (MeV)

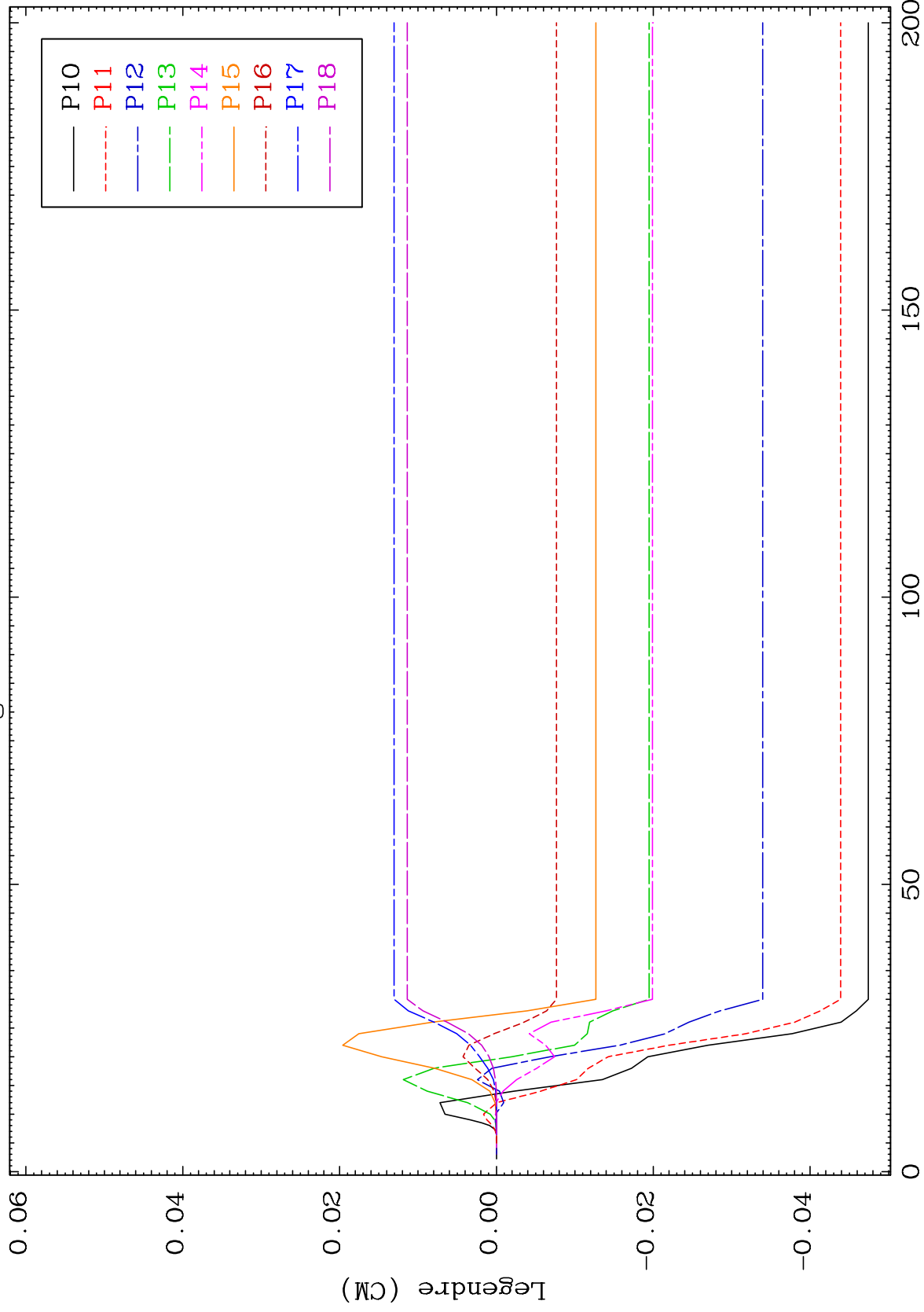
51-Sb-131



MAT 5155

1.813 MeV (n,n') Level
Legendre Coefficients

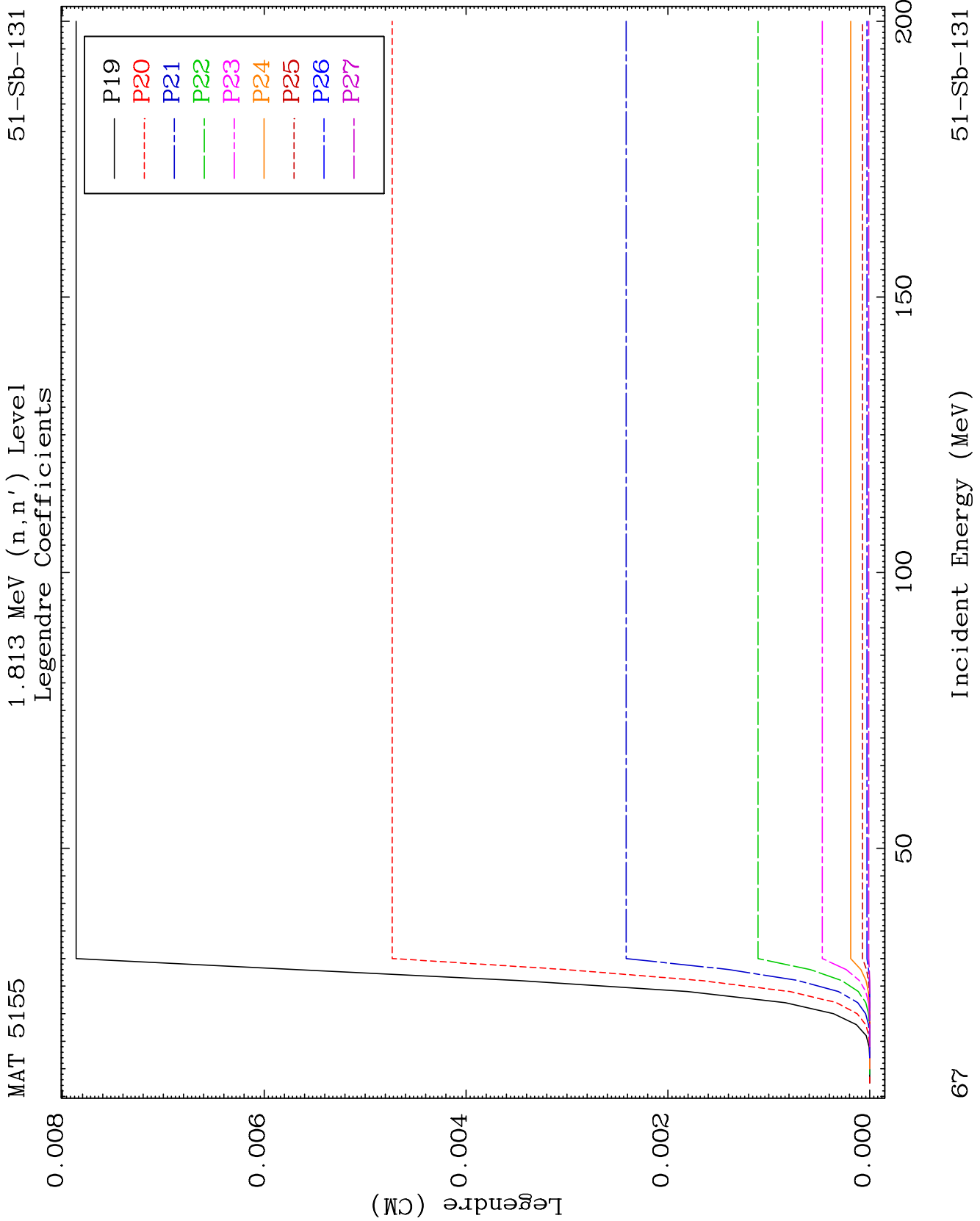
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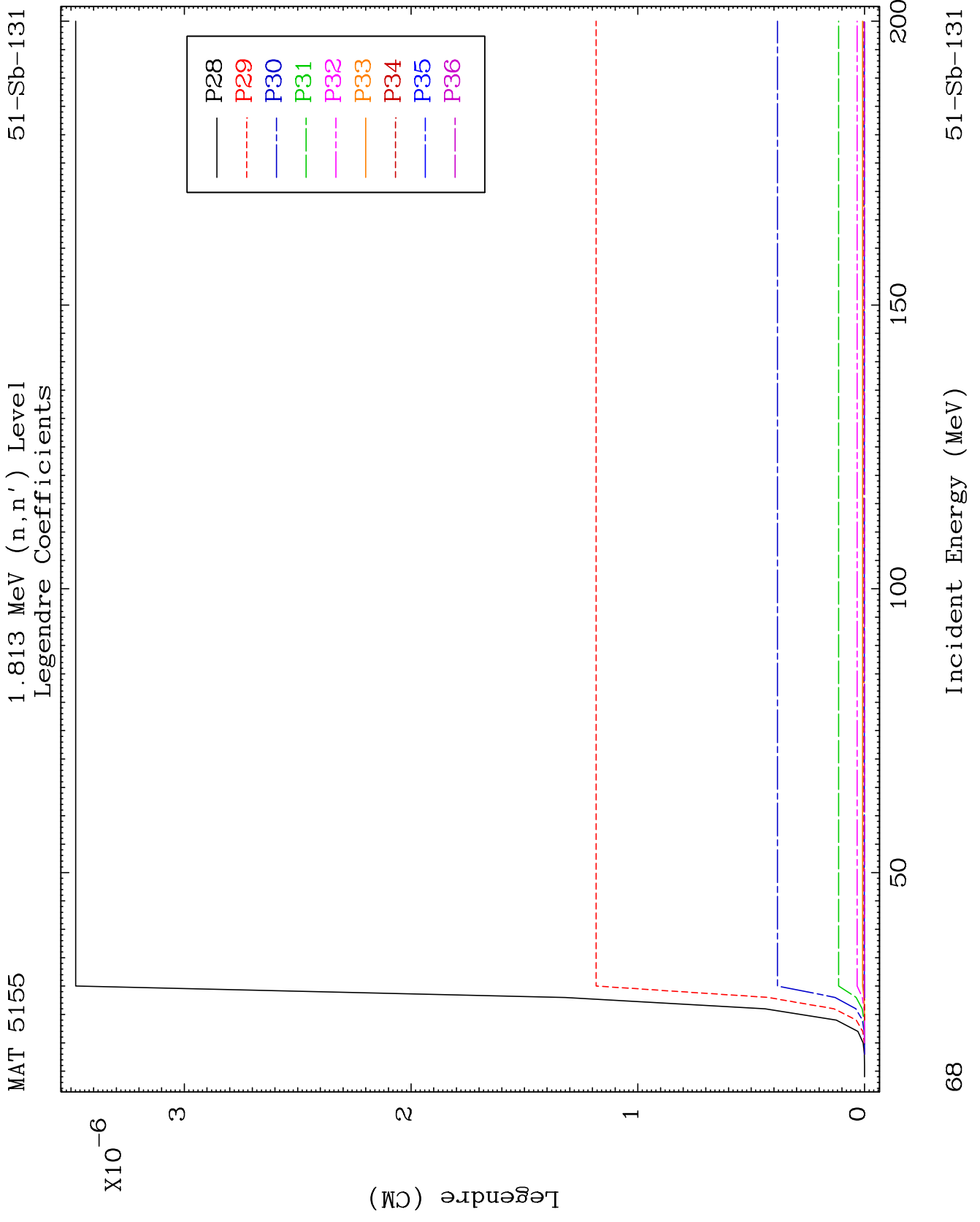


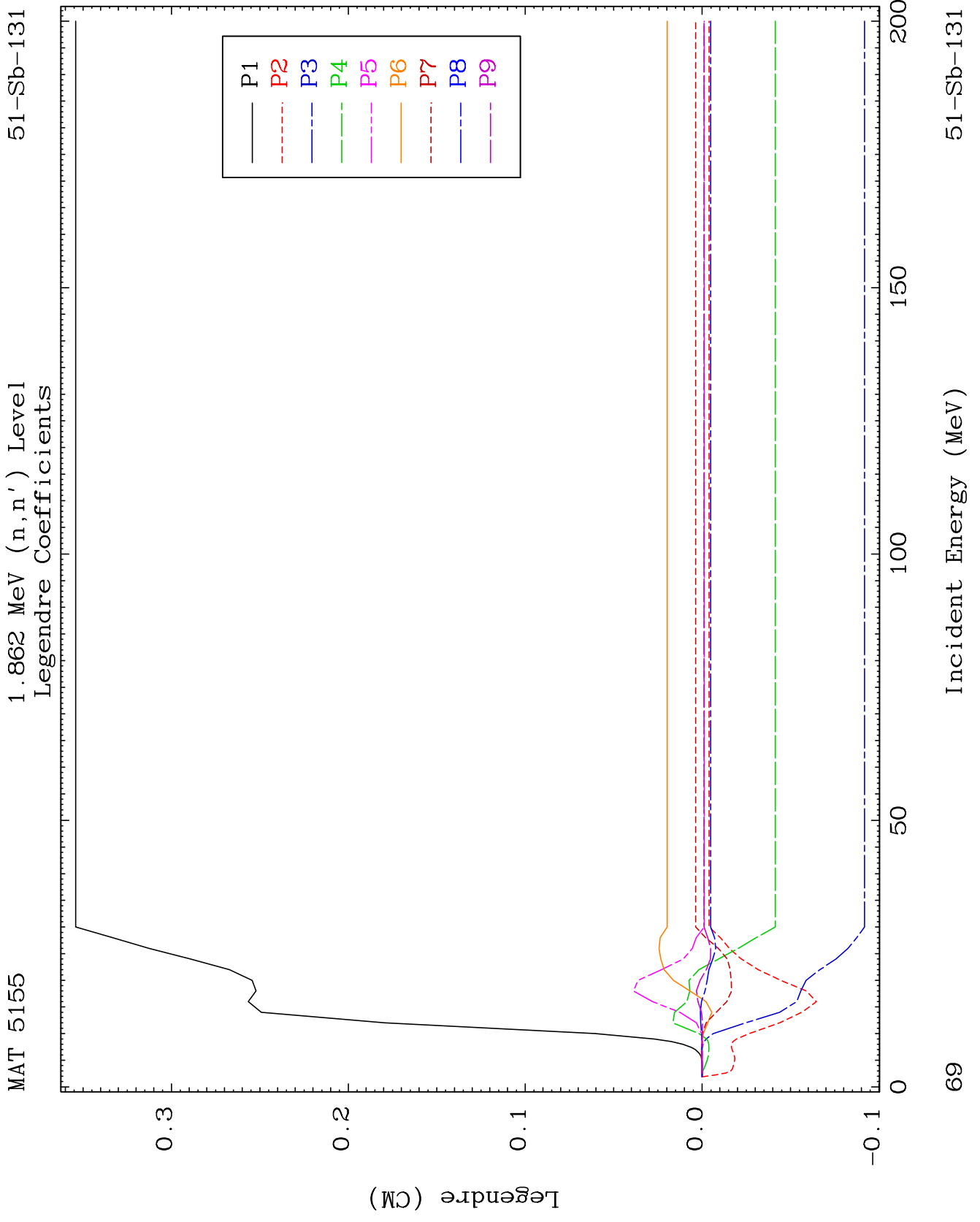
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Incident Energy (MeV)

51-Sb-131



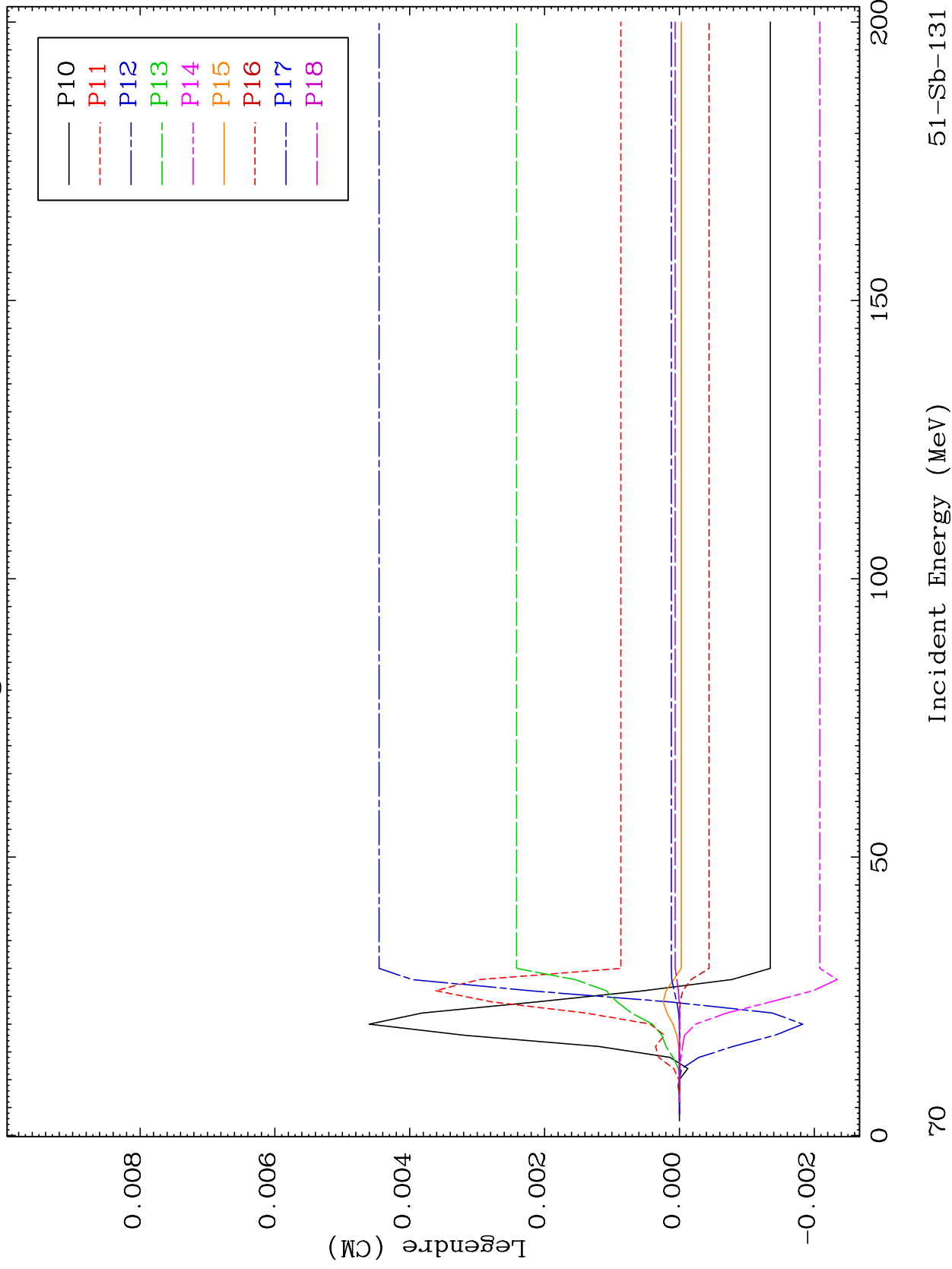




MAT 5155

1.862 MeV (n,n') Level
Legendre Coefficients

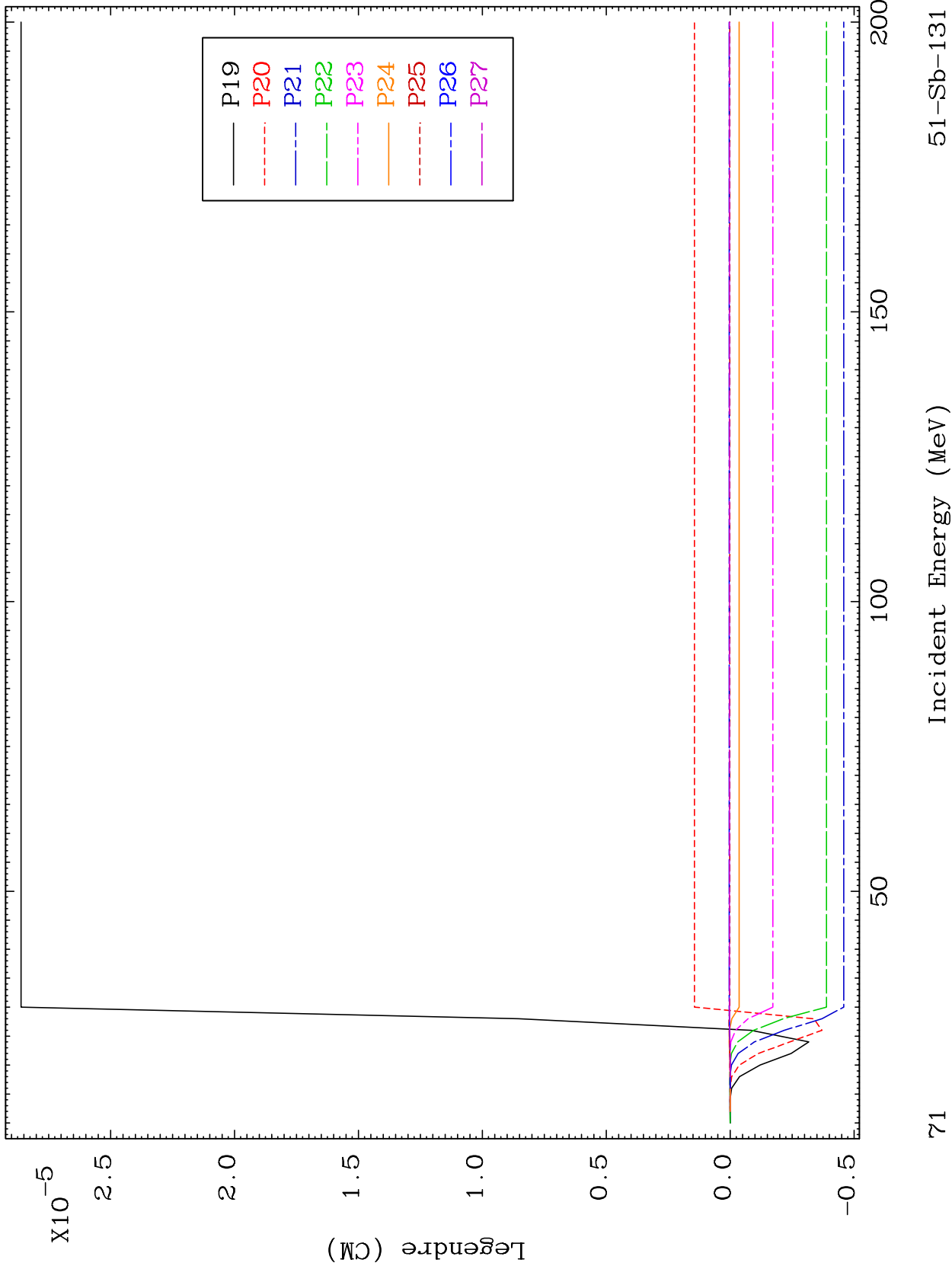
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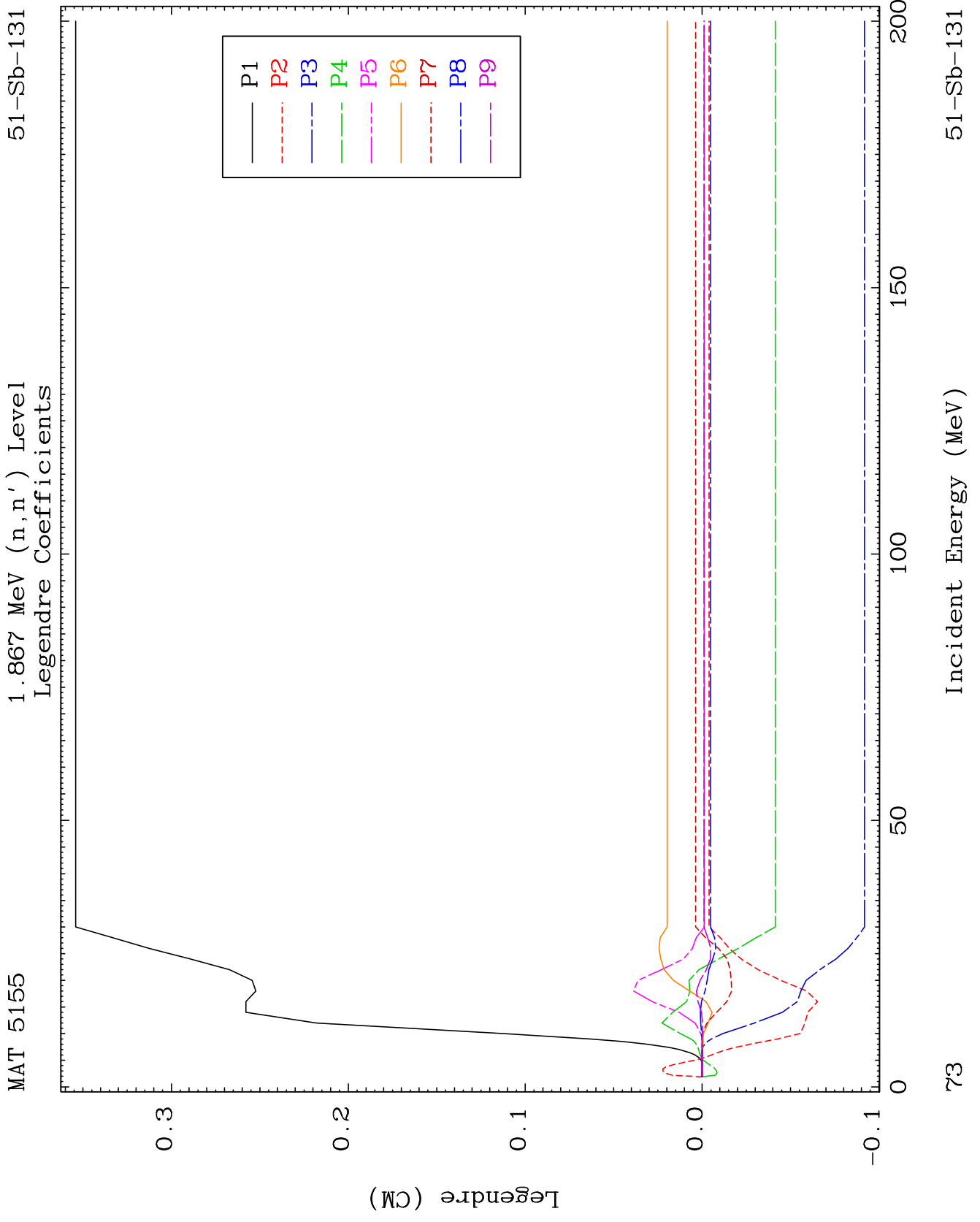


51-Sb-131

Incident Energy (MeV)

70

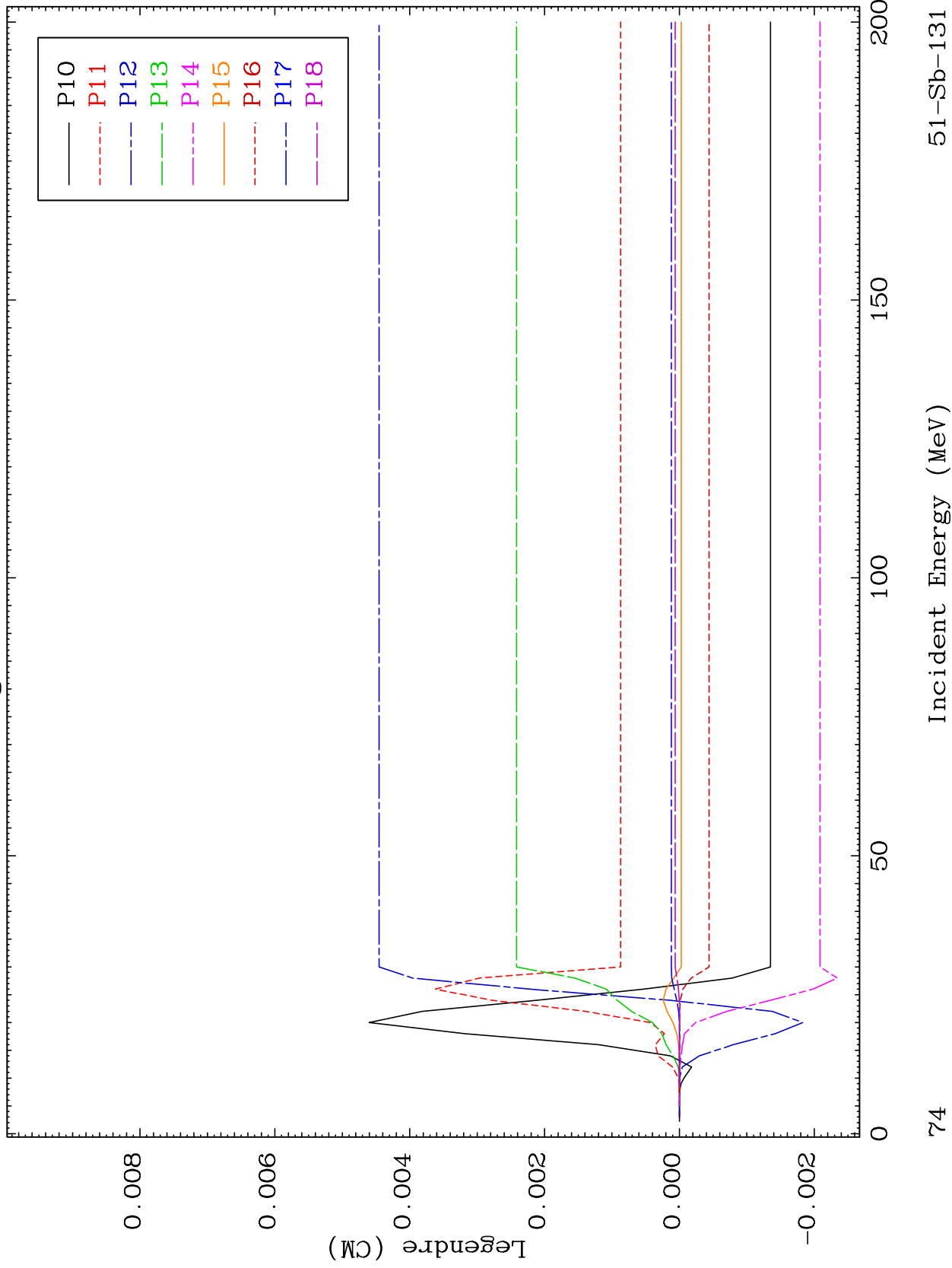




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1.867 MeV (n,n') Level
Legendre Coefficients

51-Sb-131



74

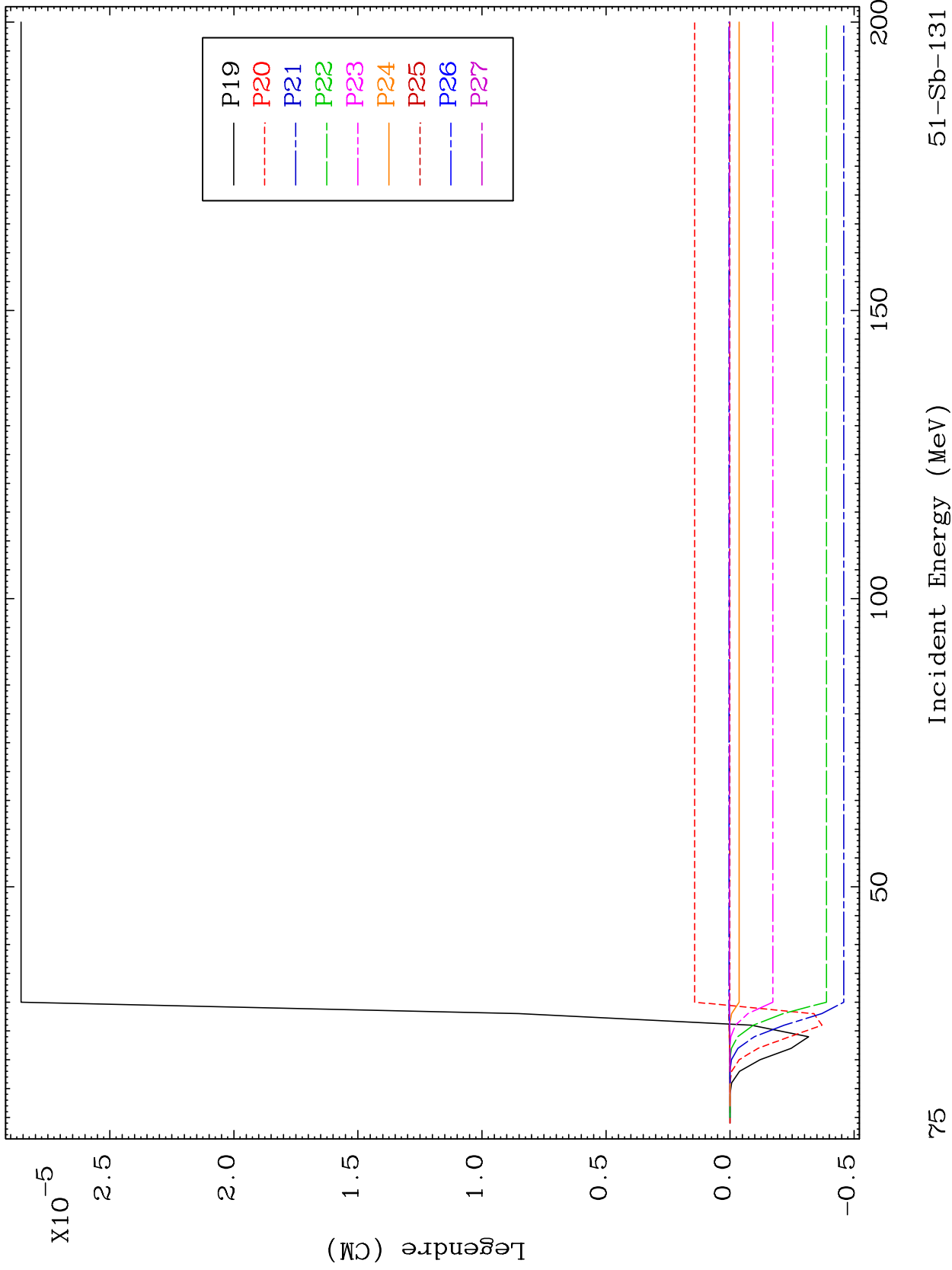
Incident Energy (MeV)

51-Sb-131

MAT 5155

1.867 MeV (n,n') Level
Legendre Coefficients

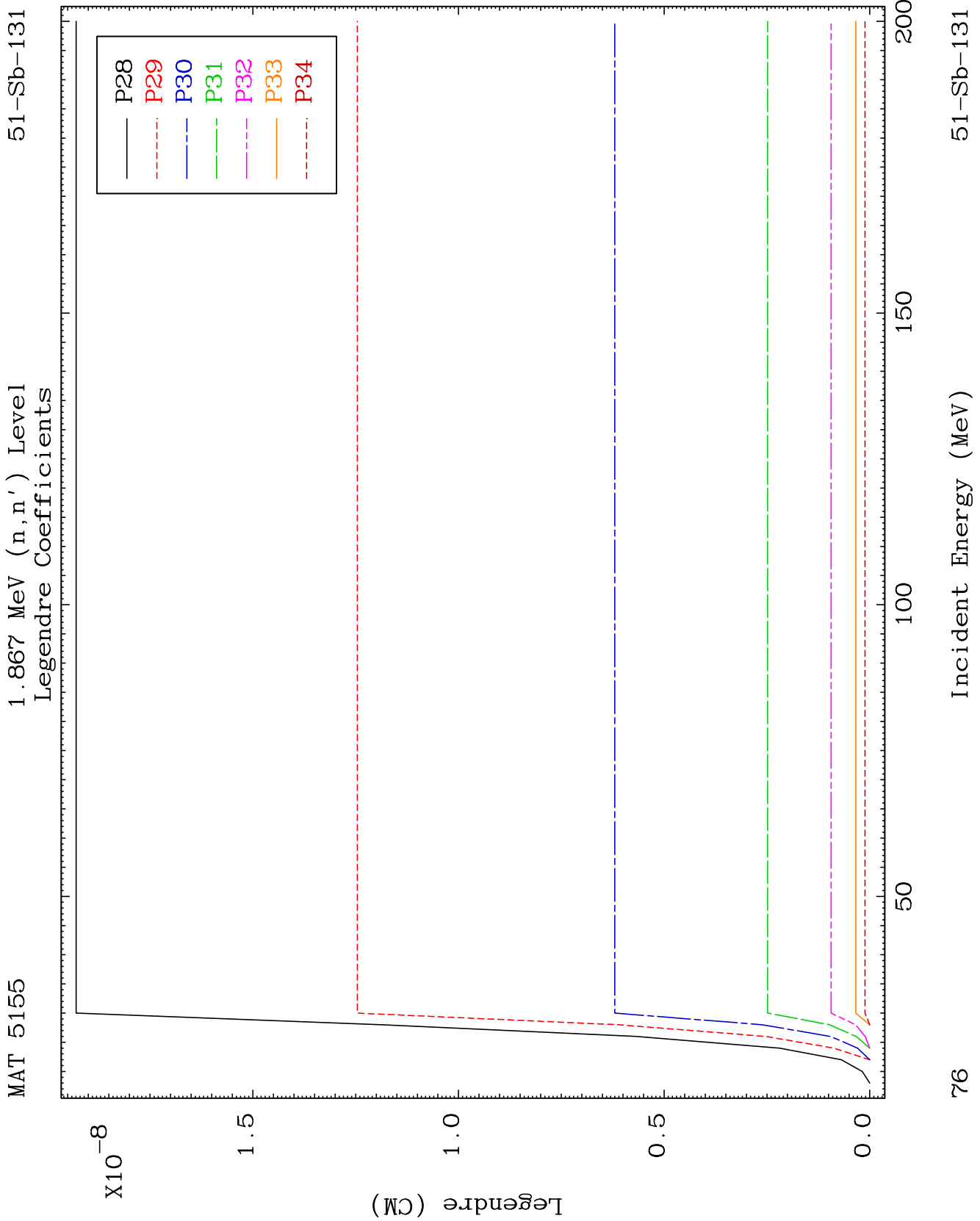
51-Sb-131



51-Sb-131

Incident Energy (MeV)

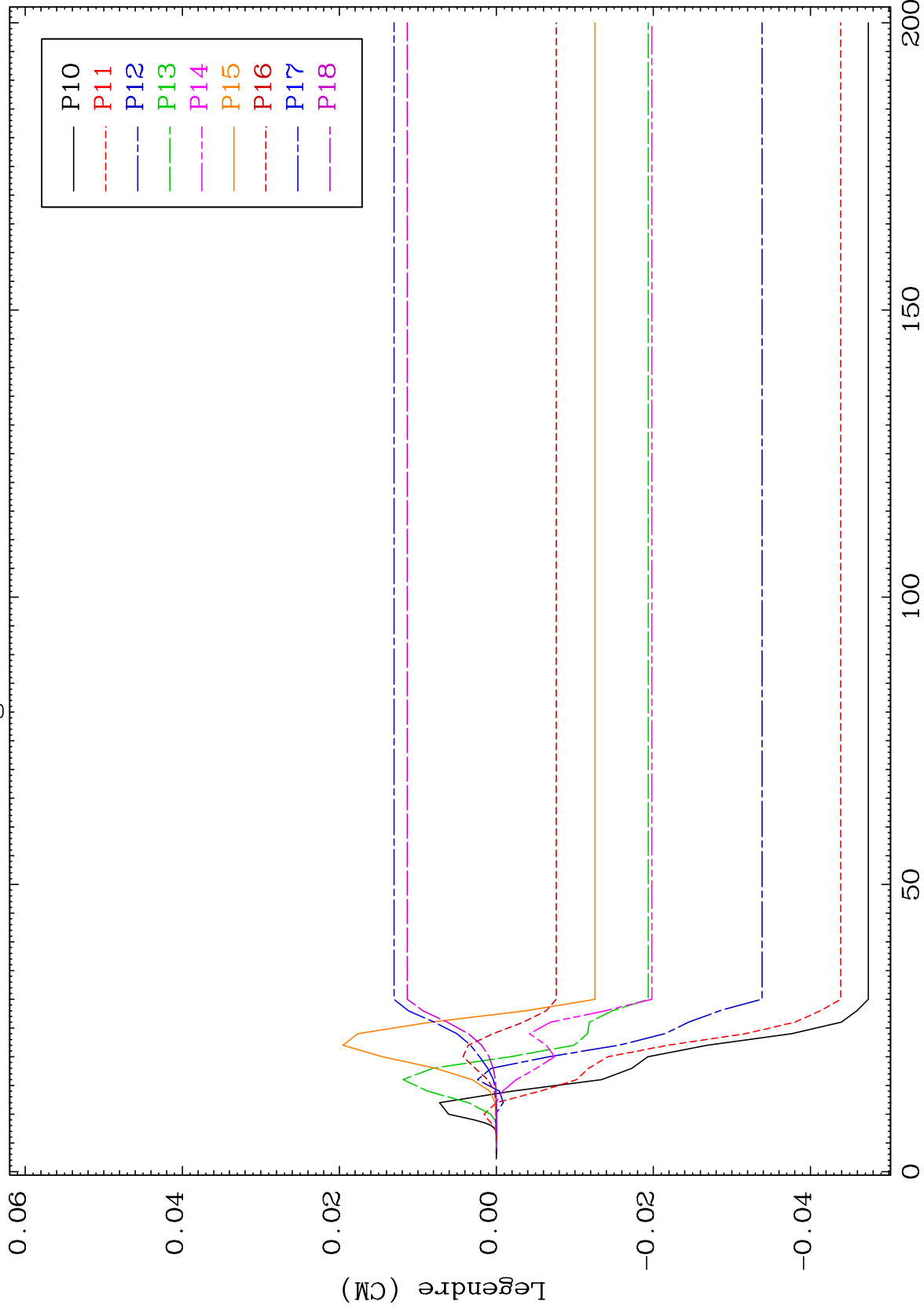
75



MAT 5155

1.872 MeV (n,n') Level
Legendre Coefficients

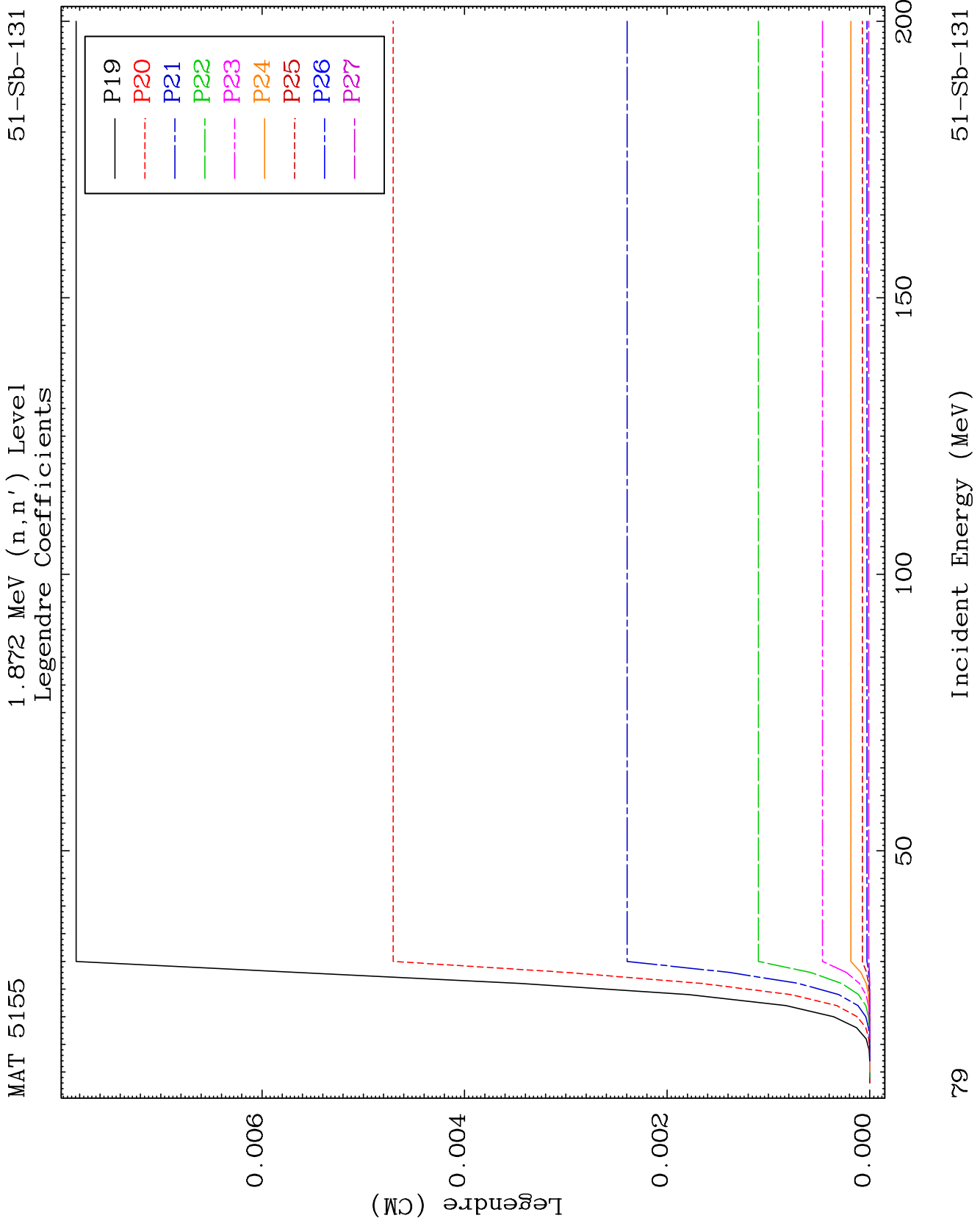
51-Sb-131



78

Incident Energy (MeV)

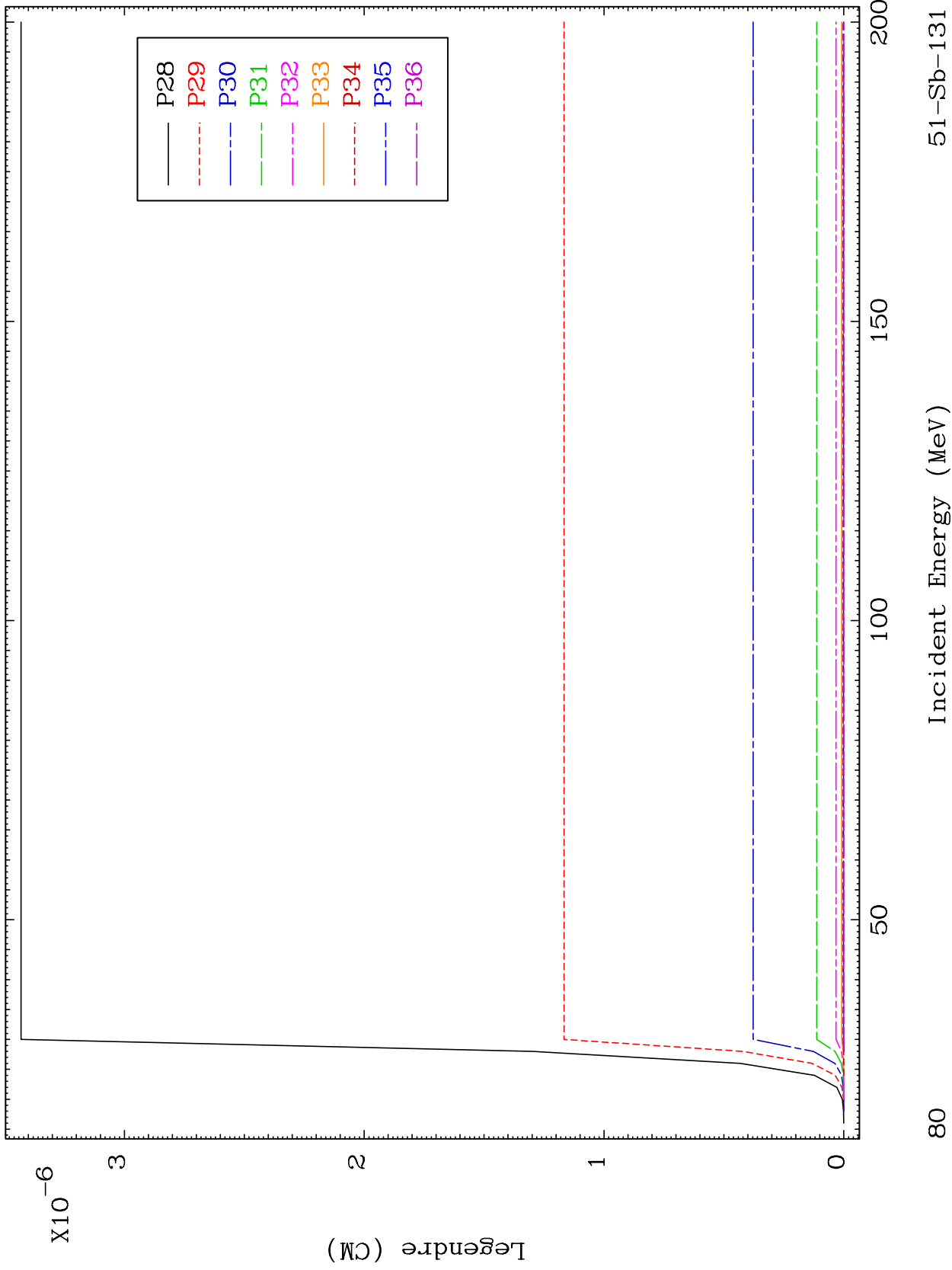
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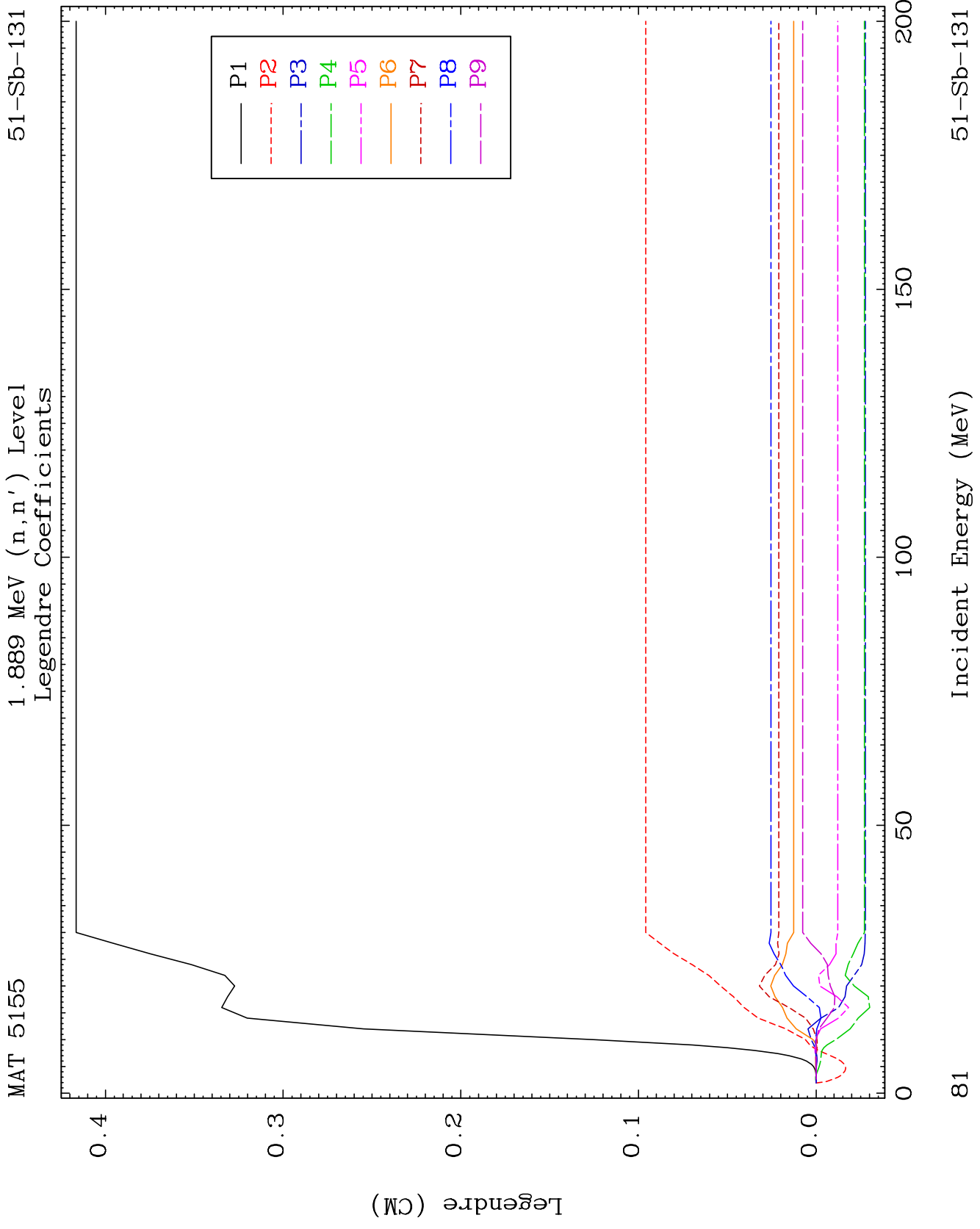


MAT 5155

1.872 MeV (n,n') Level
Legendre Coefficients

51-Sb-131

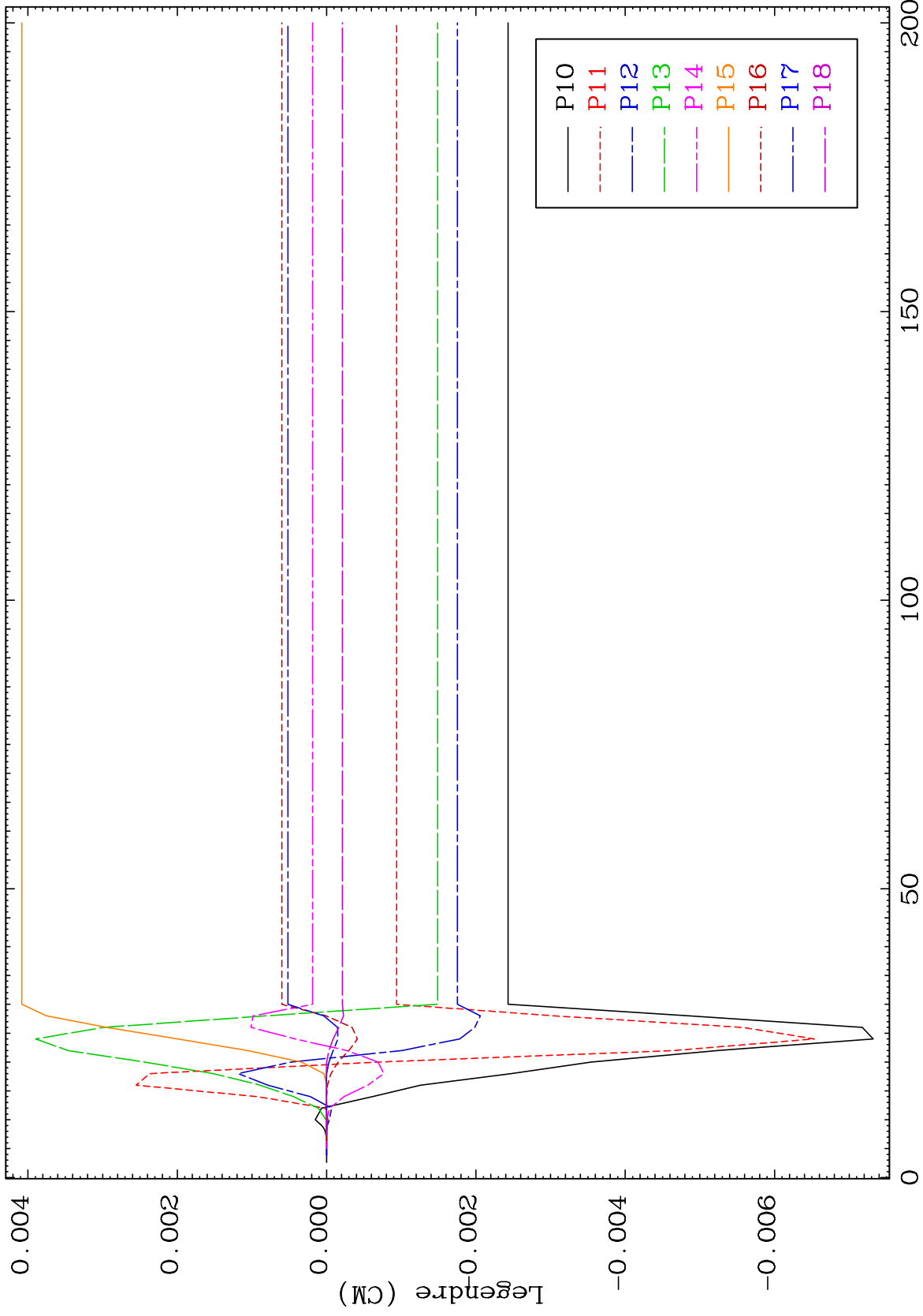




MAT 5155

1.889 MeV (n,n') Level
Legendre Coefficients

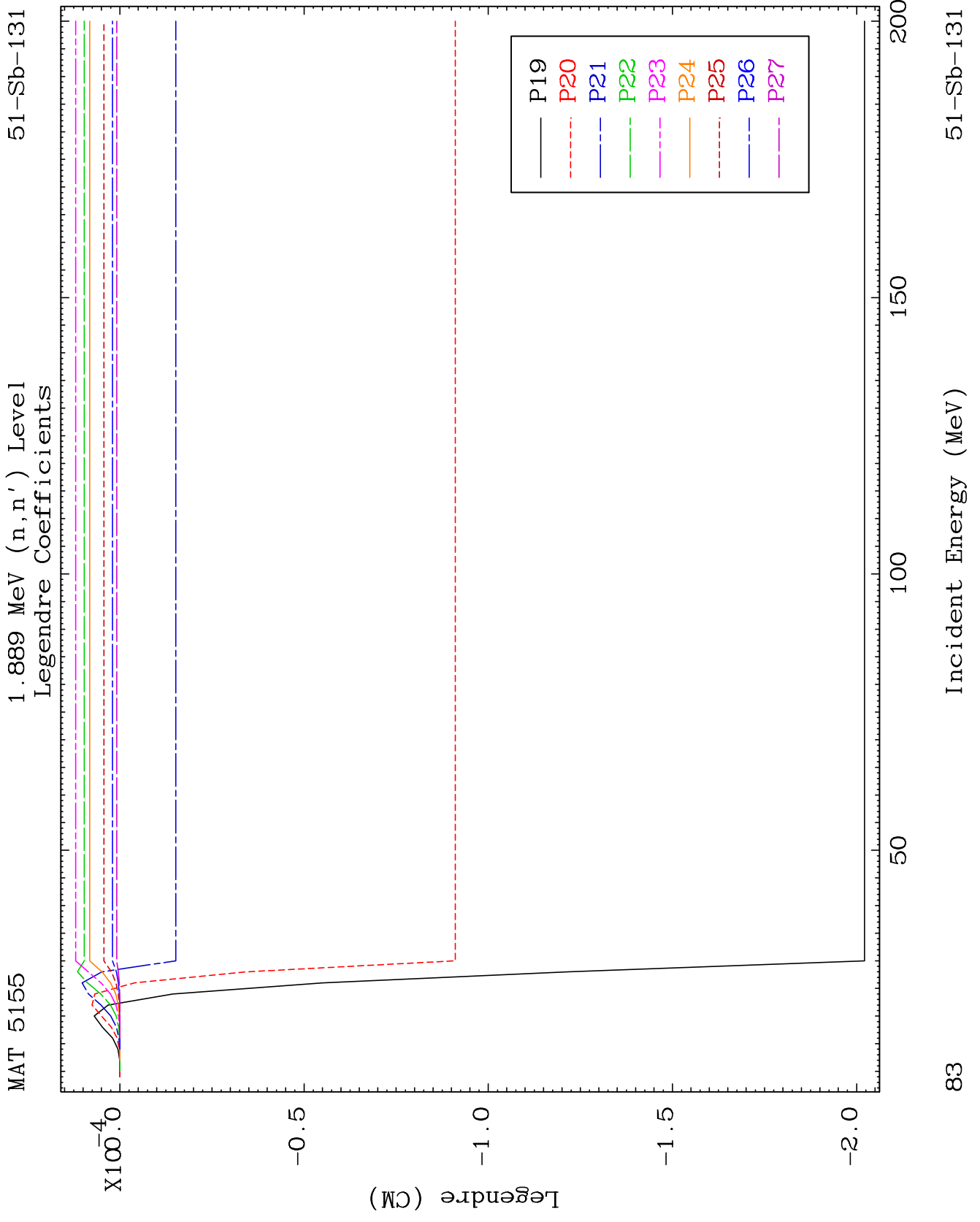
51-Sb-131



82

Incident Energy (MeV)

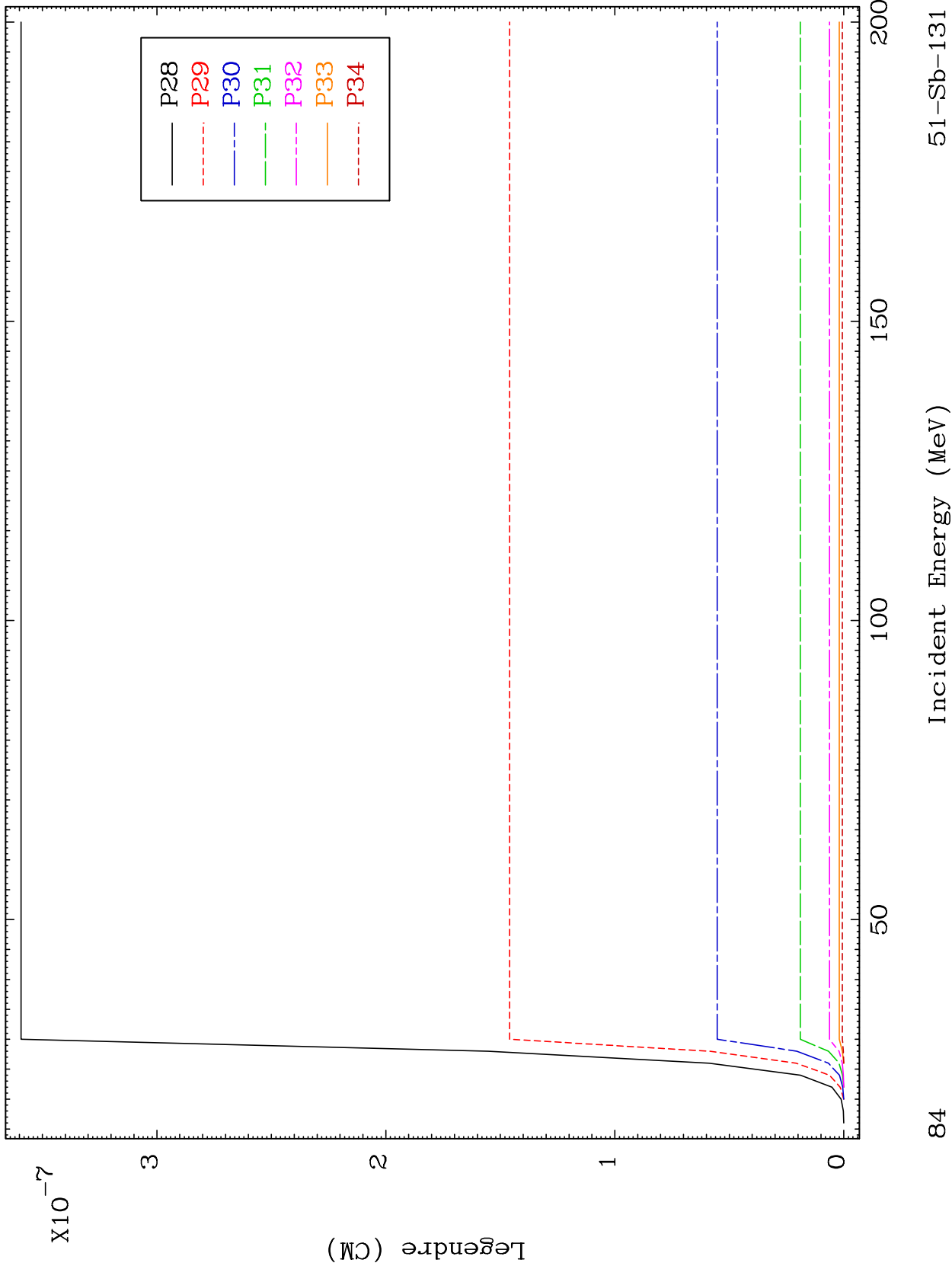
51-Sb-131

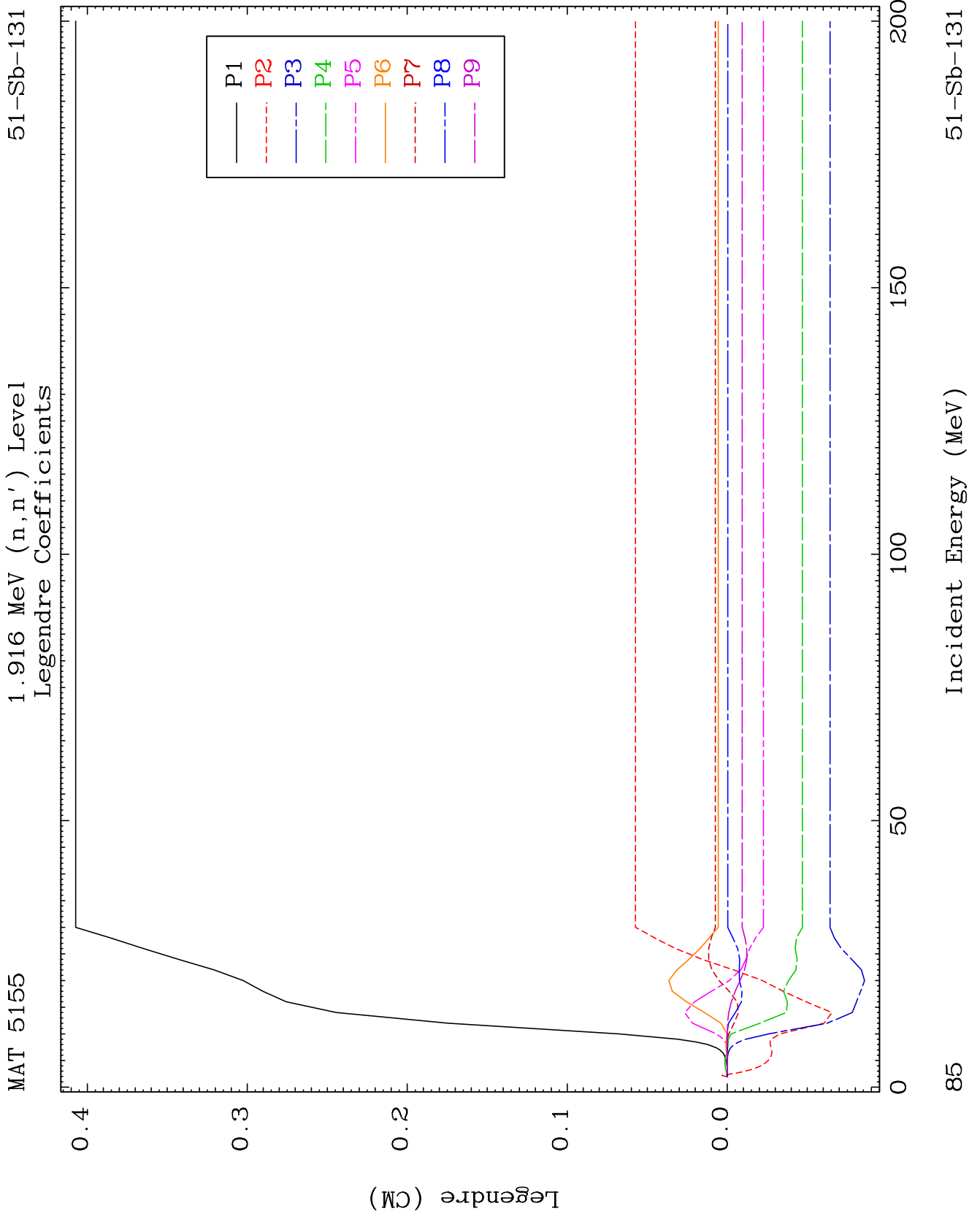


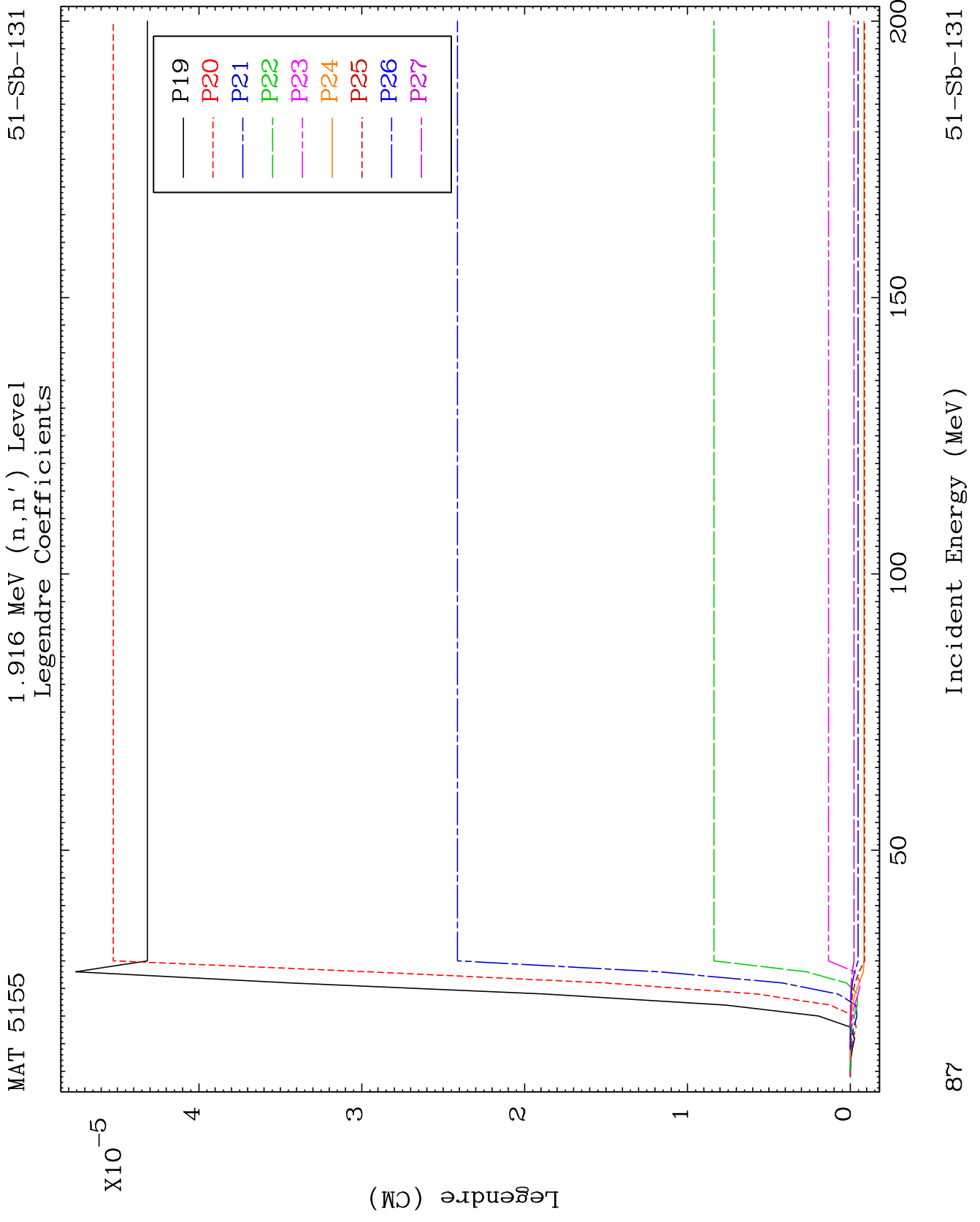
MAT 5155

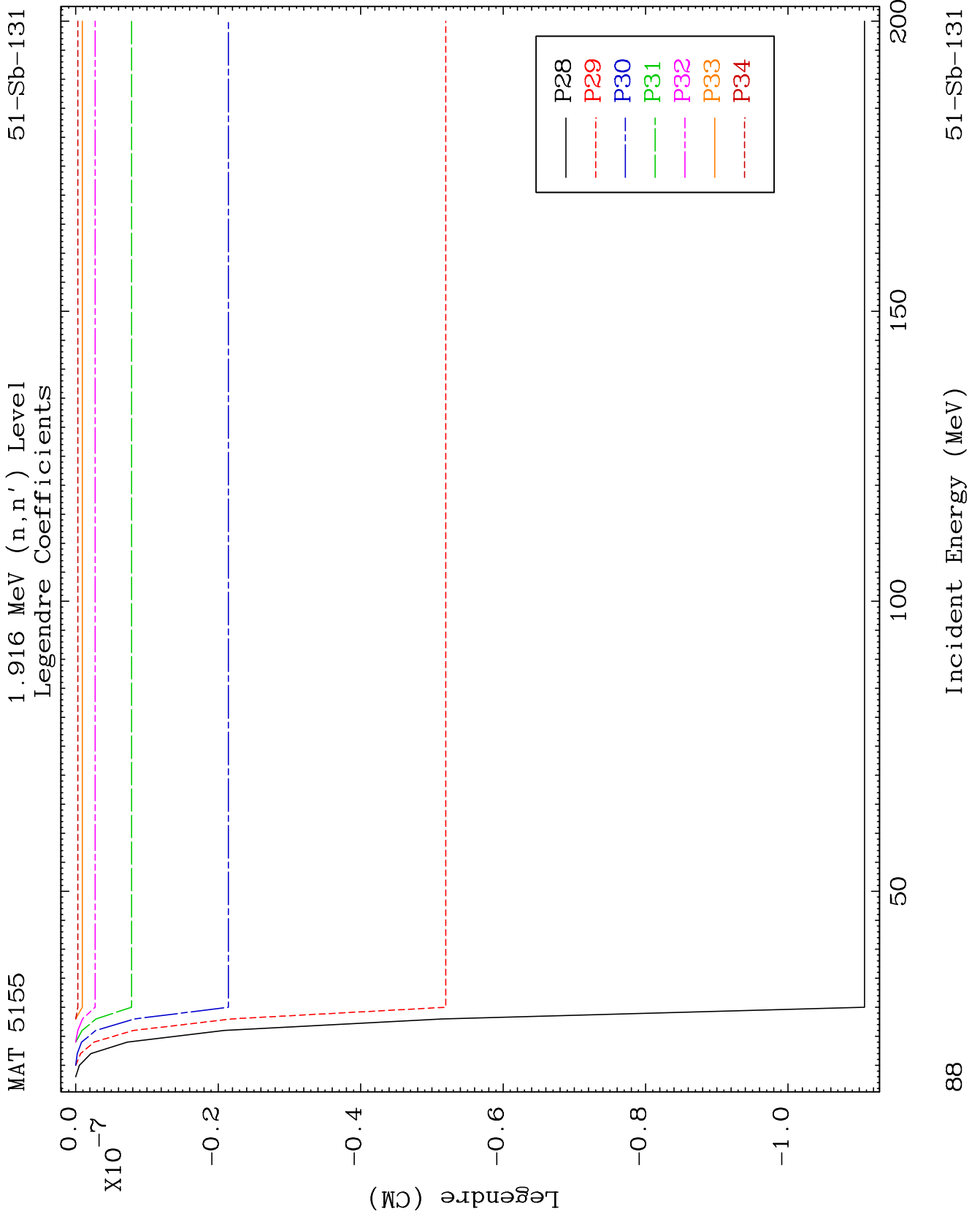
1.889 MeV (n,n') Level
Legendre Coefficients

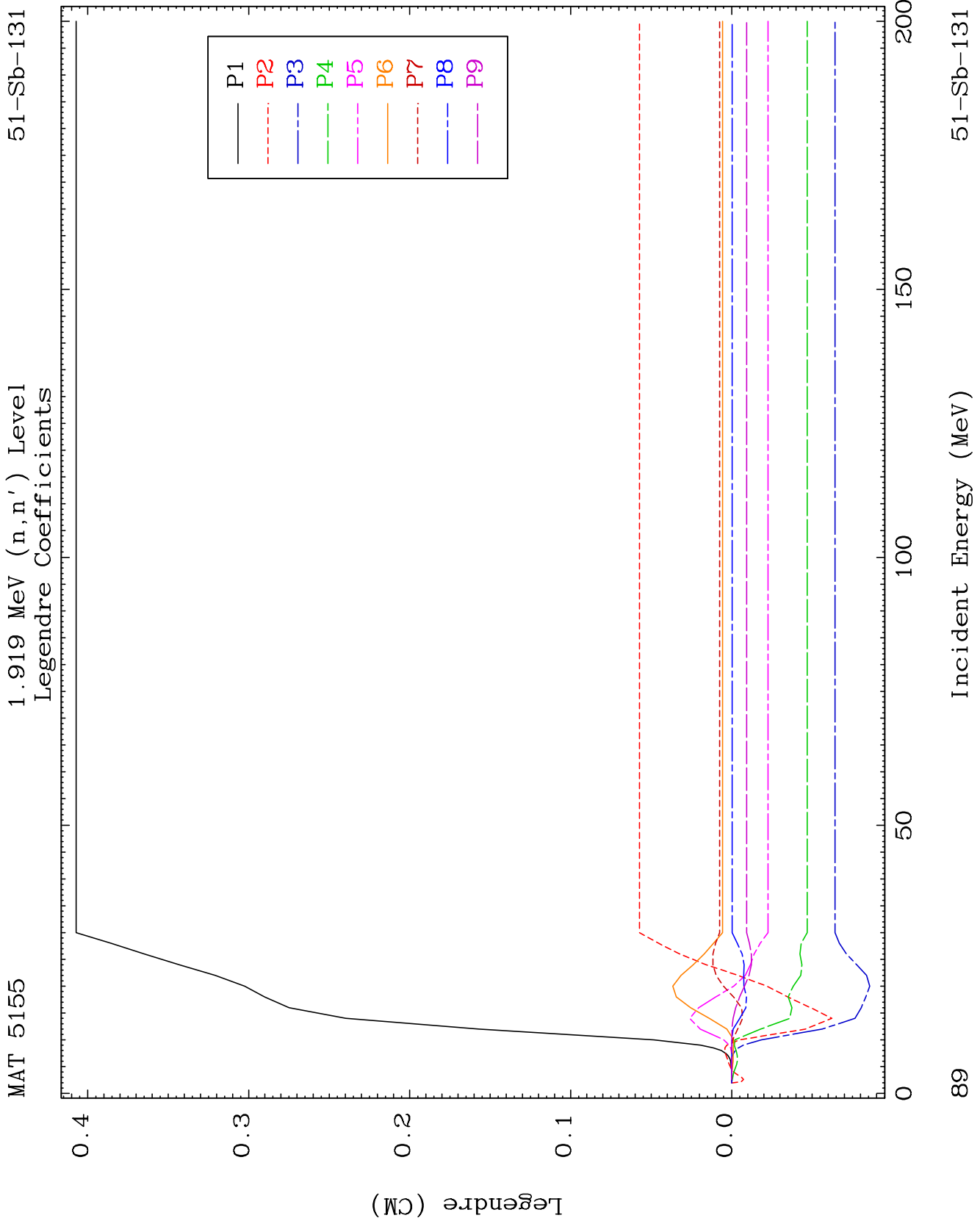
51-Sb-131

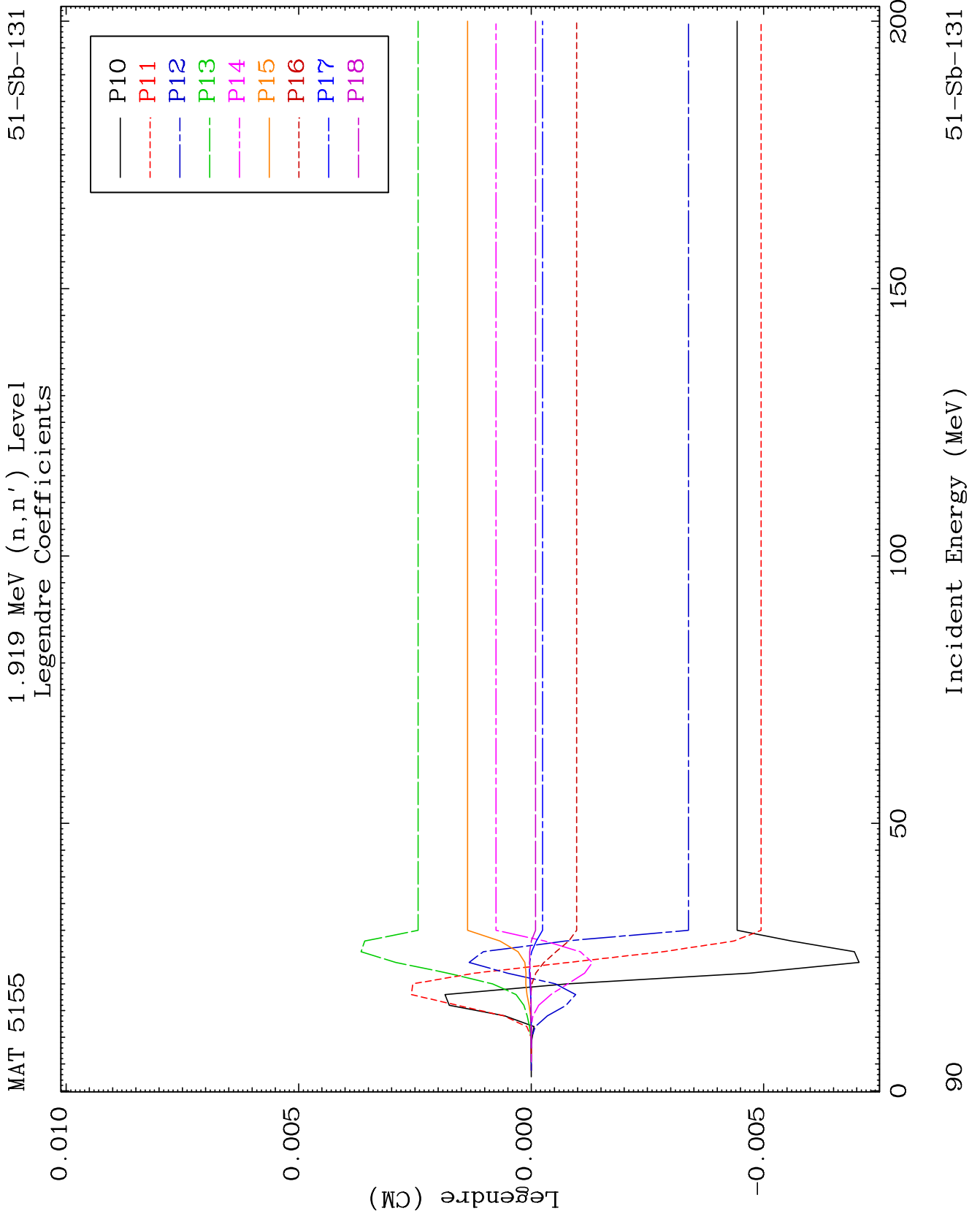


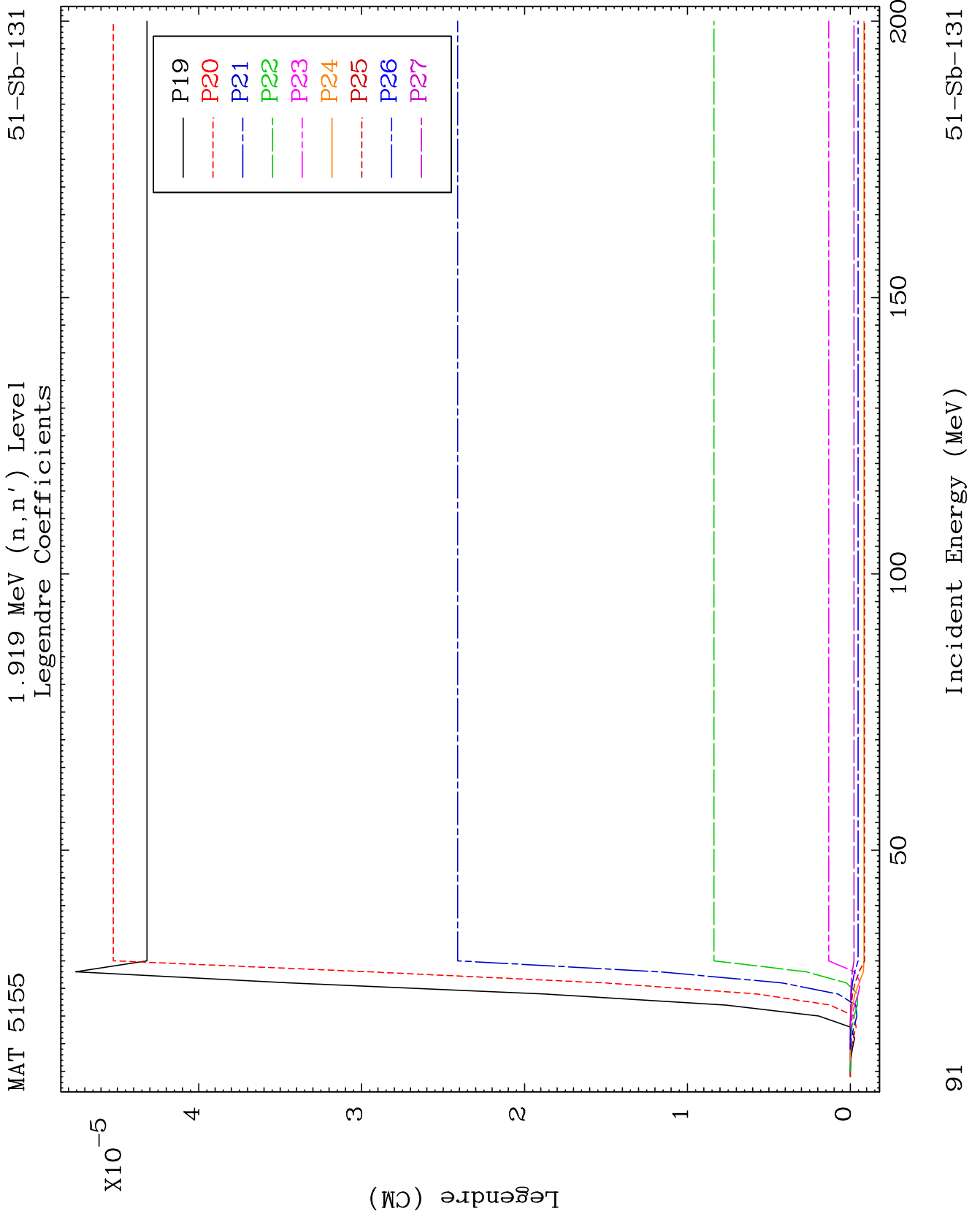


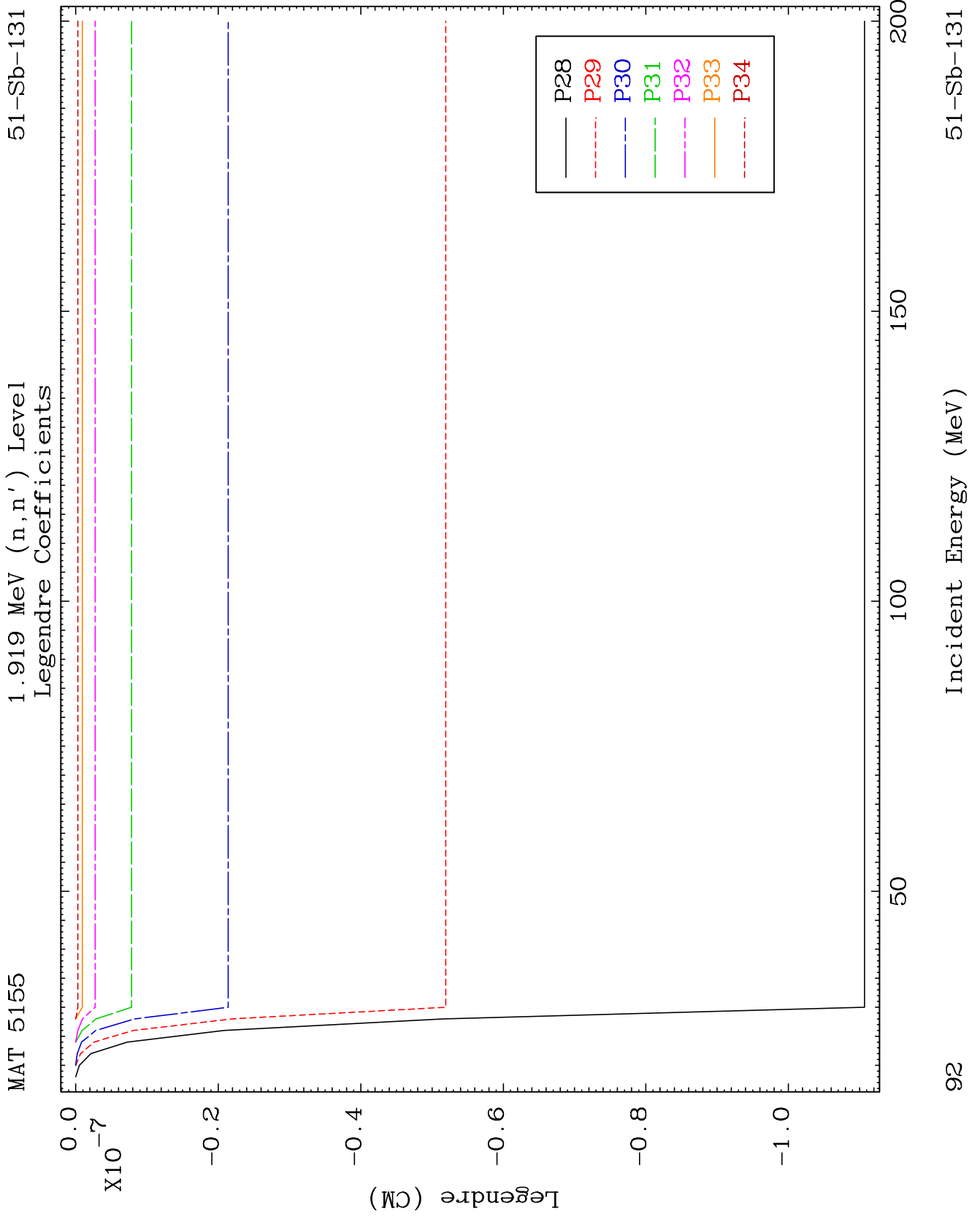


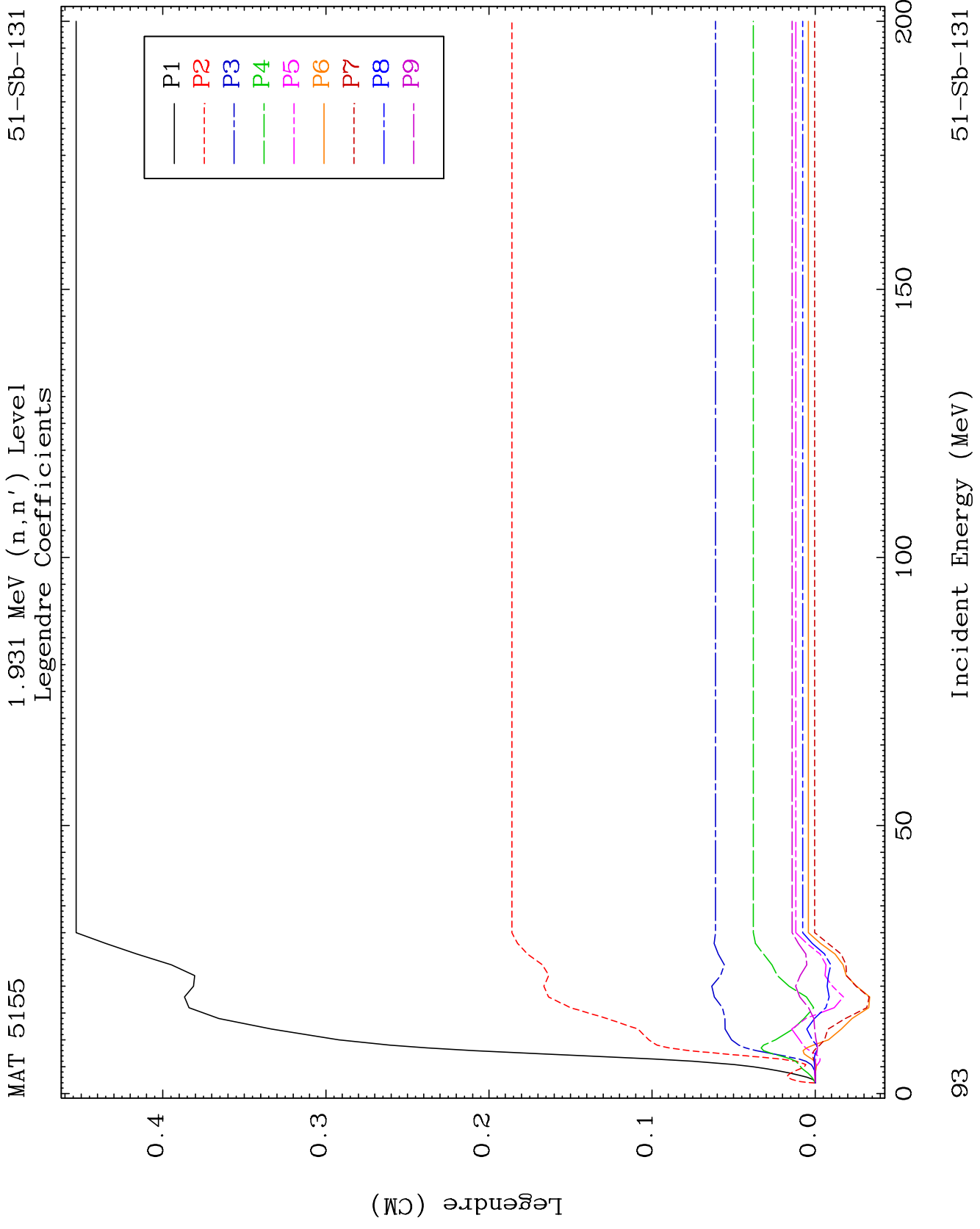








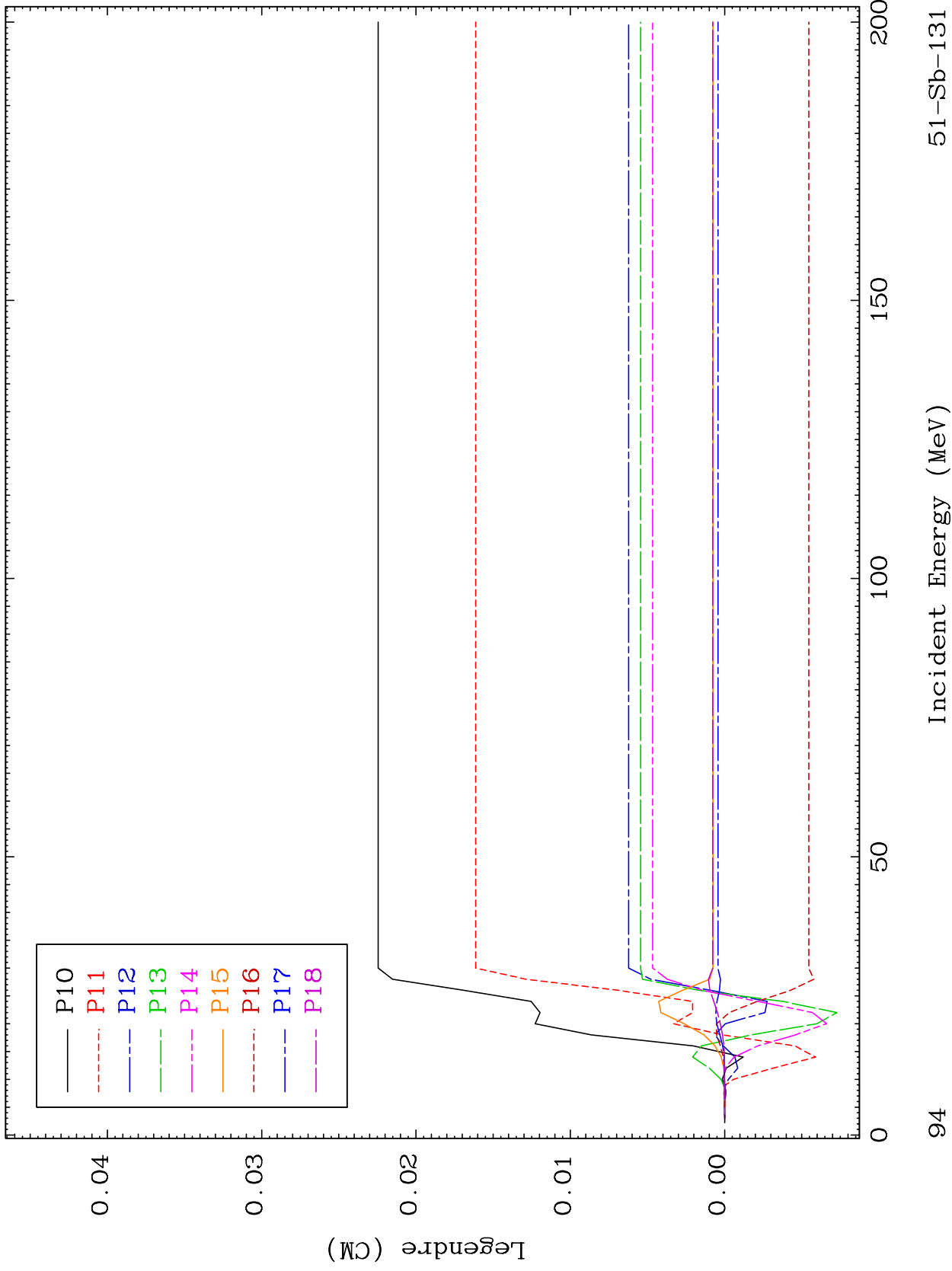




MAT 5155

1.931 MeV (n,n') Level
Legendre Coefficients

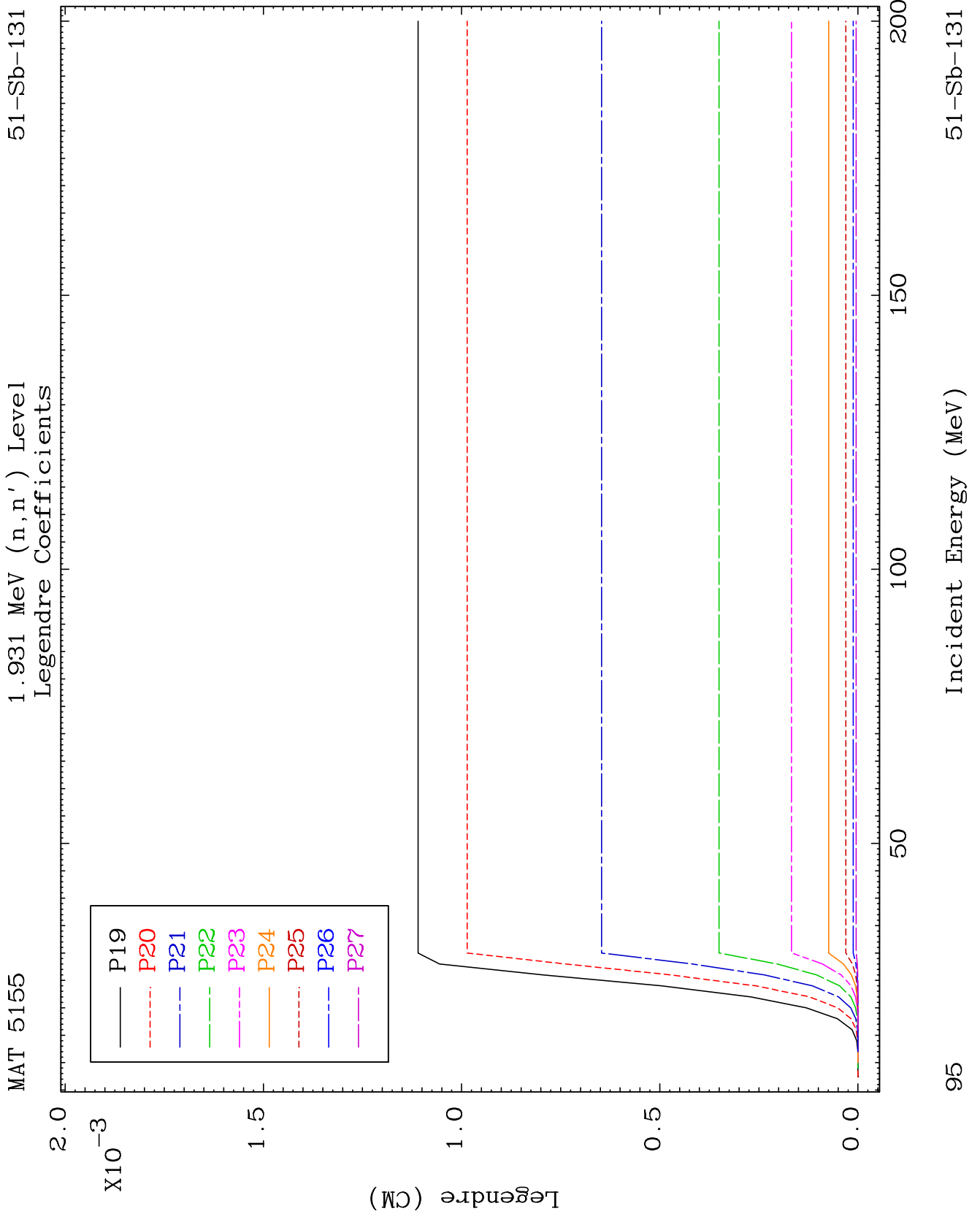
51-Sb-131

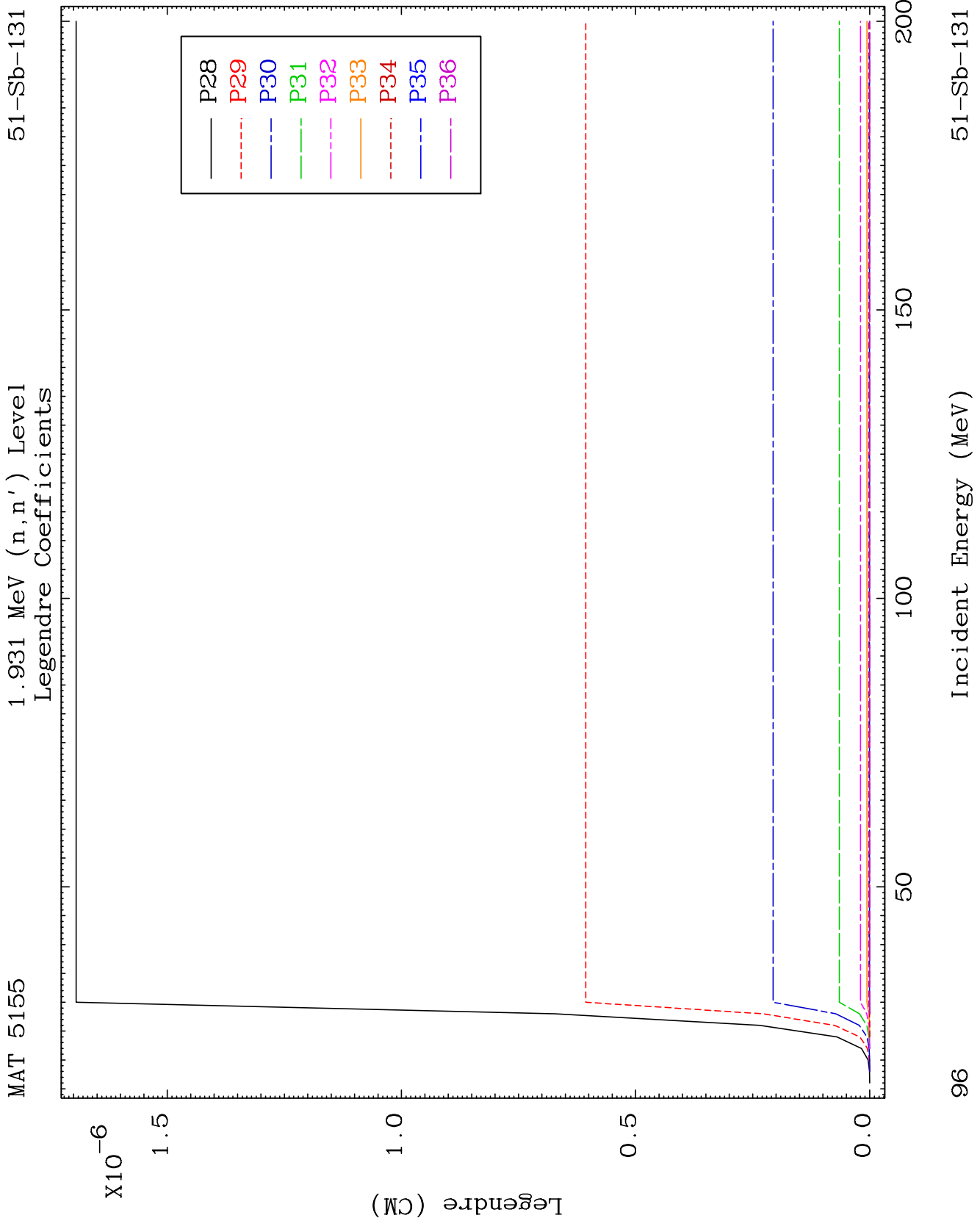


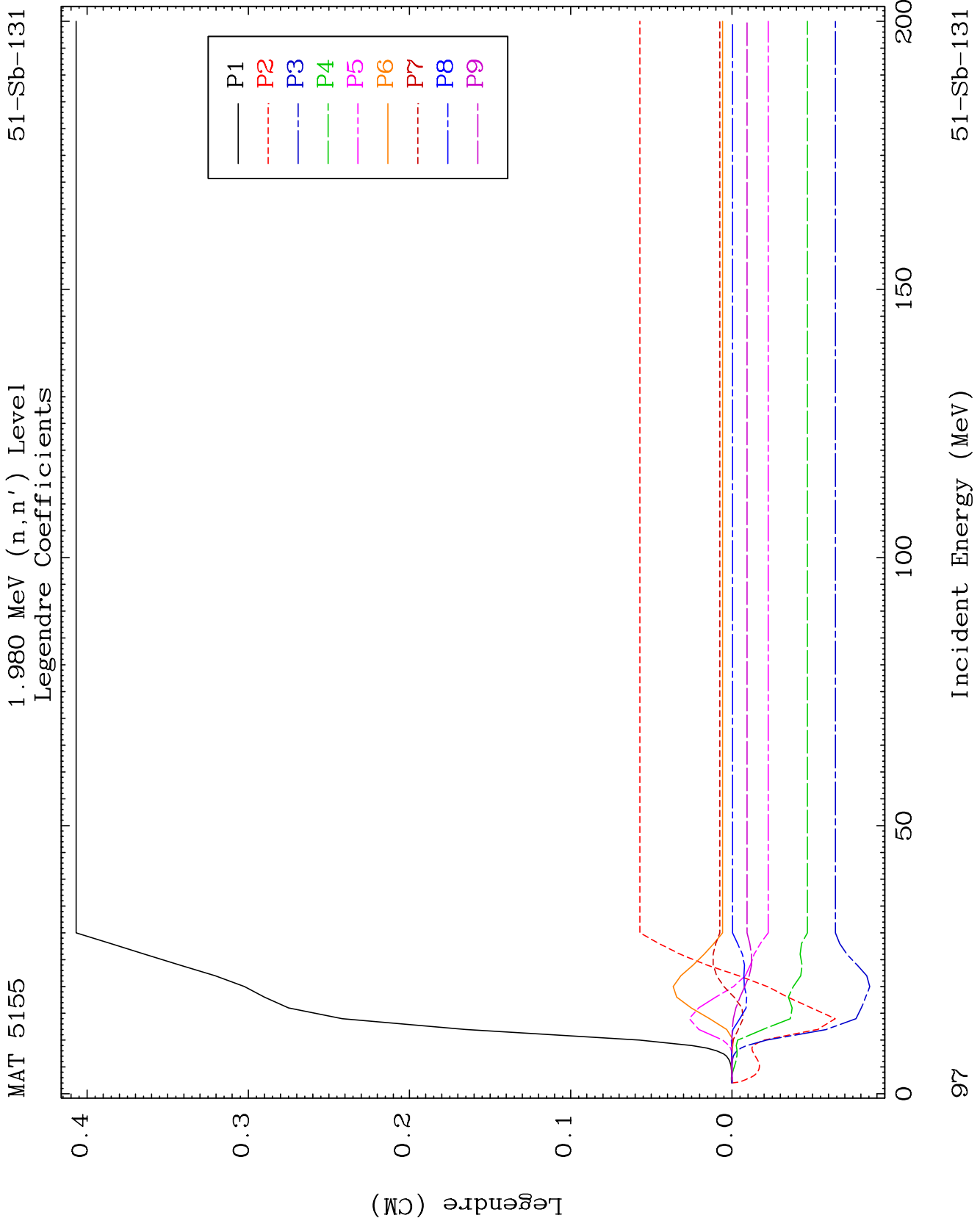
94

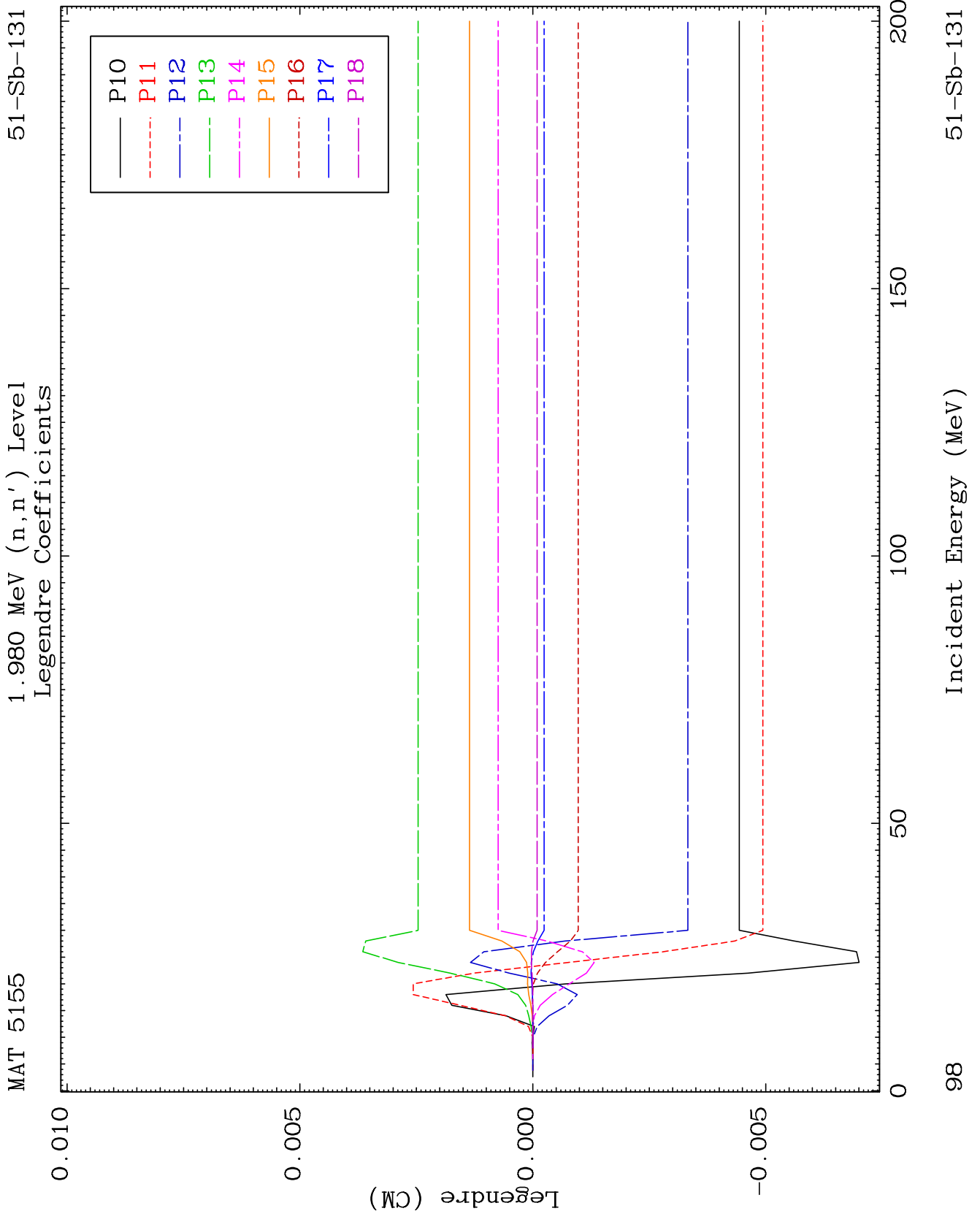
Incident Energy (MeV)

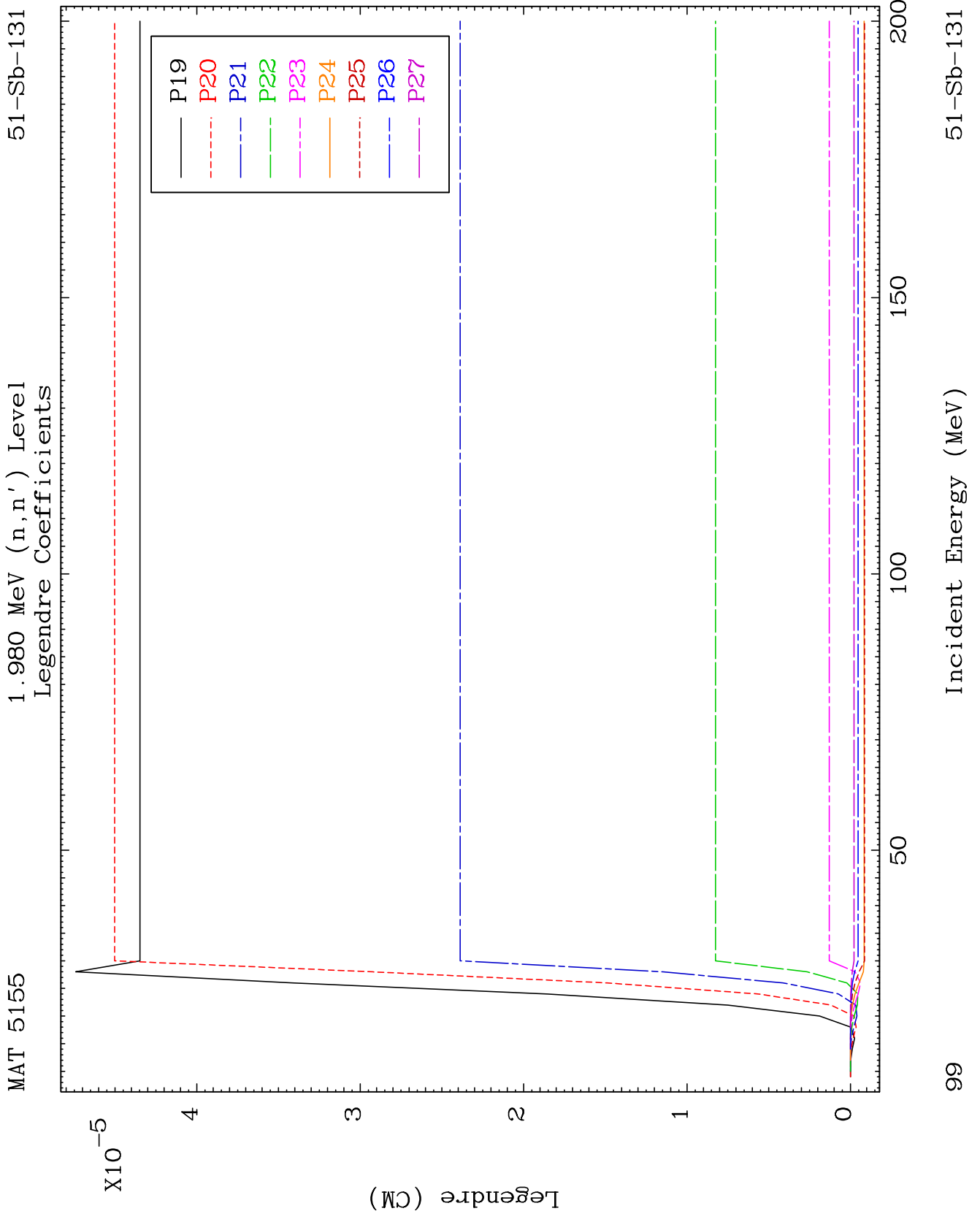
51-Sb-131

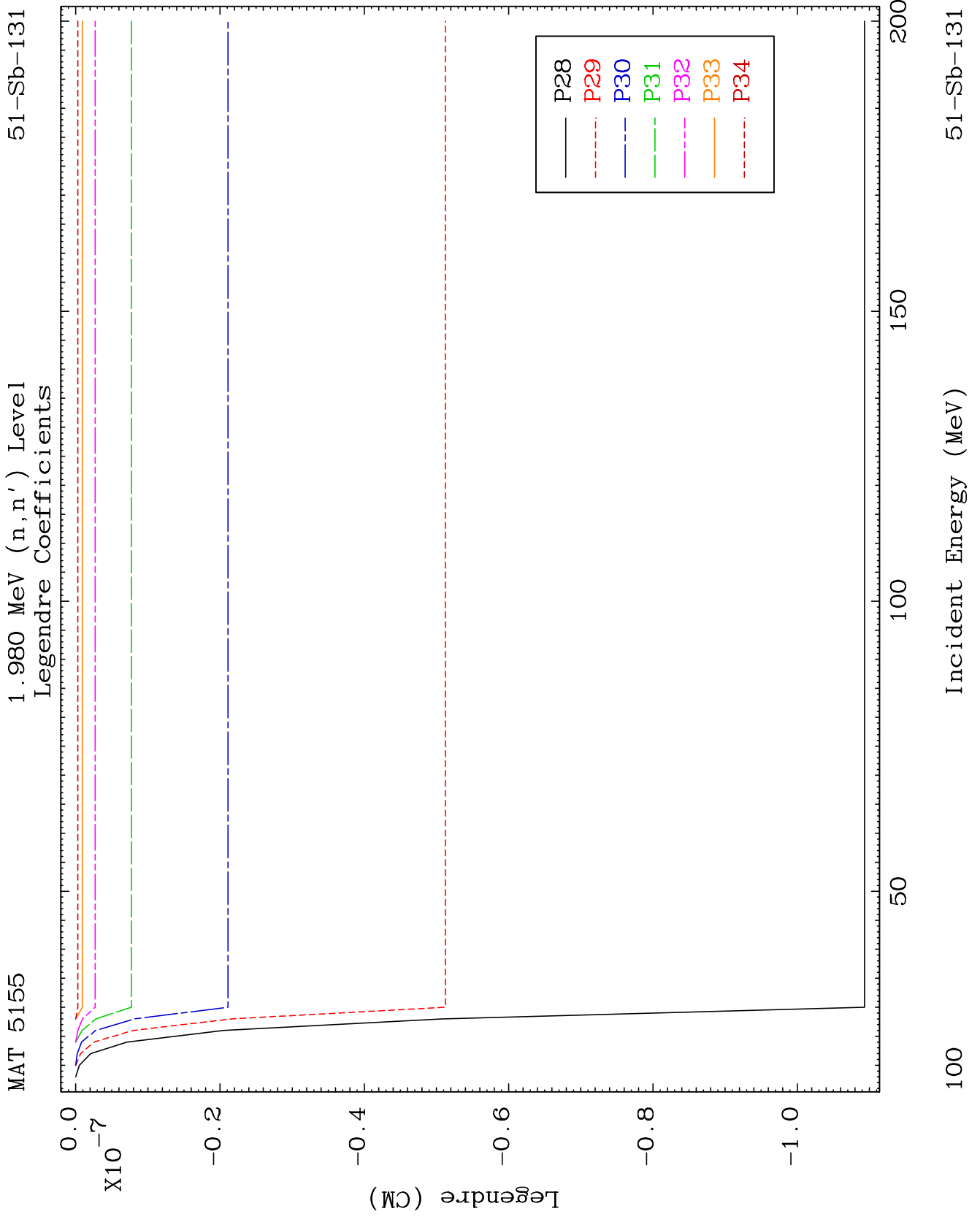


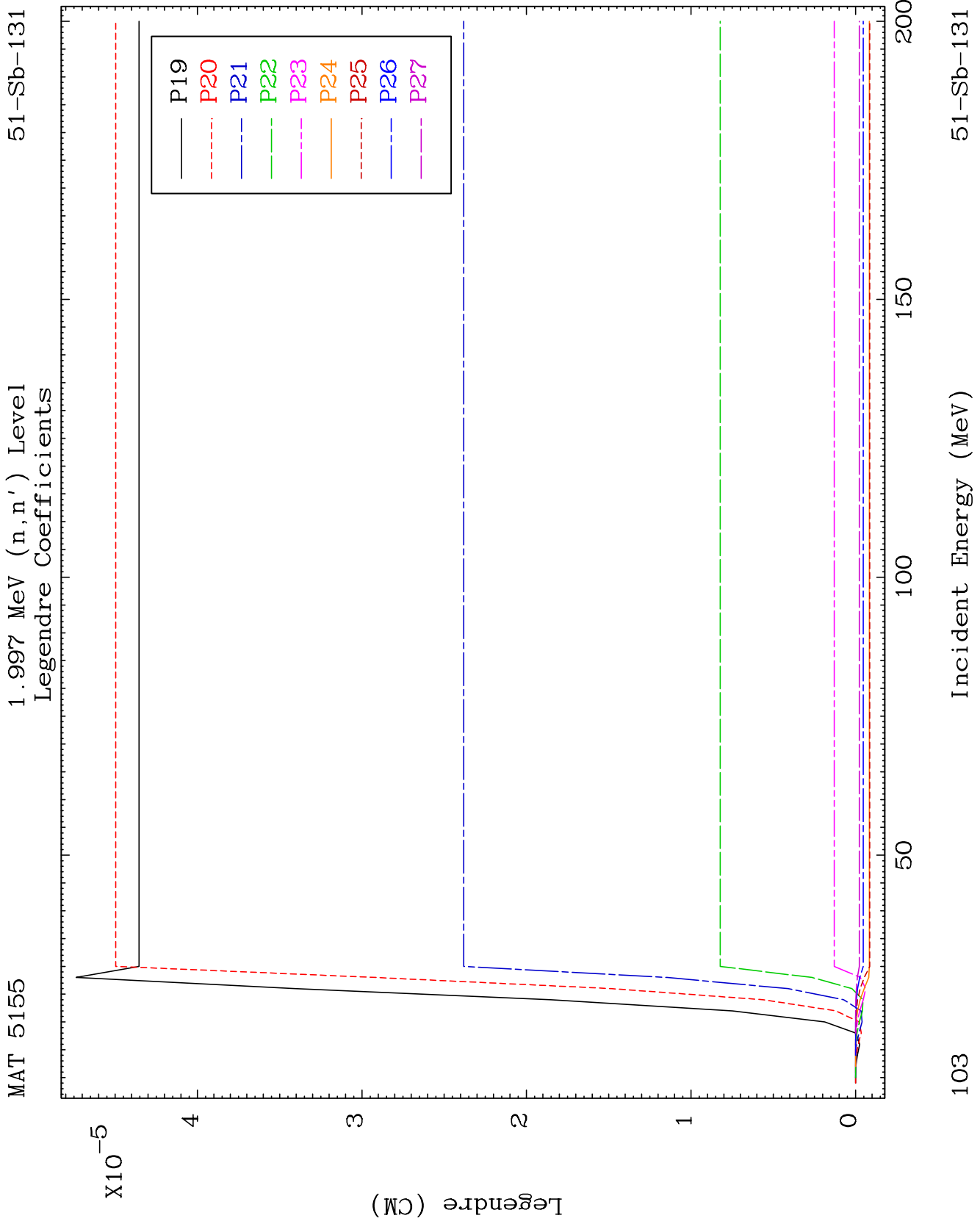


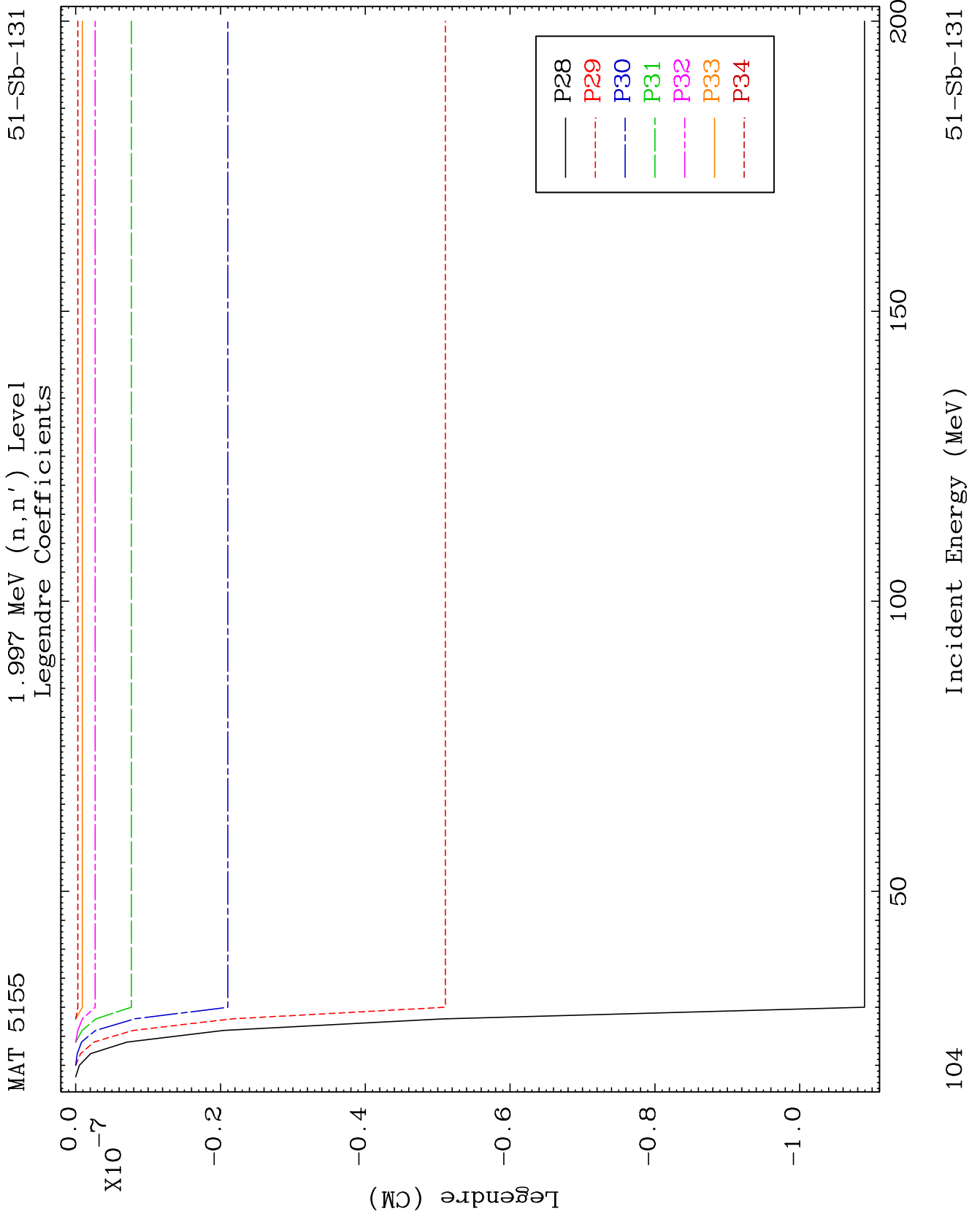


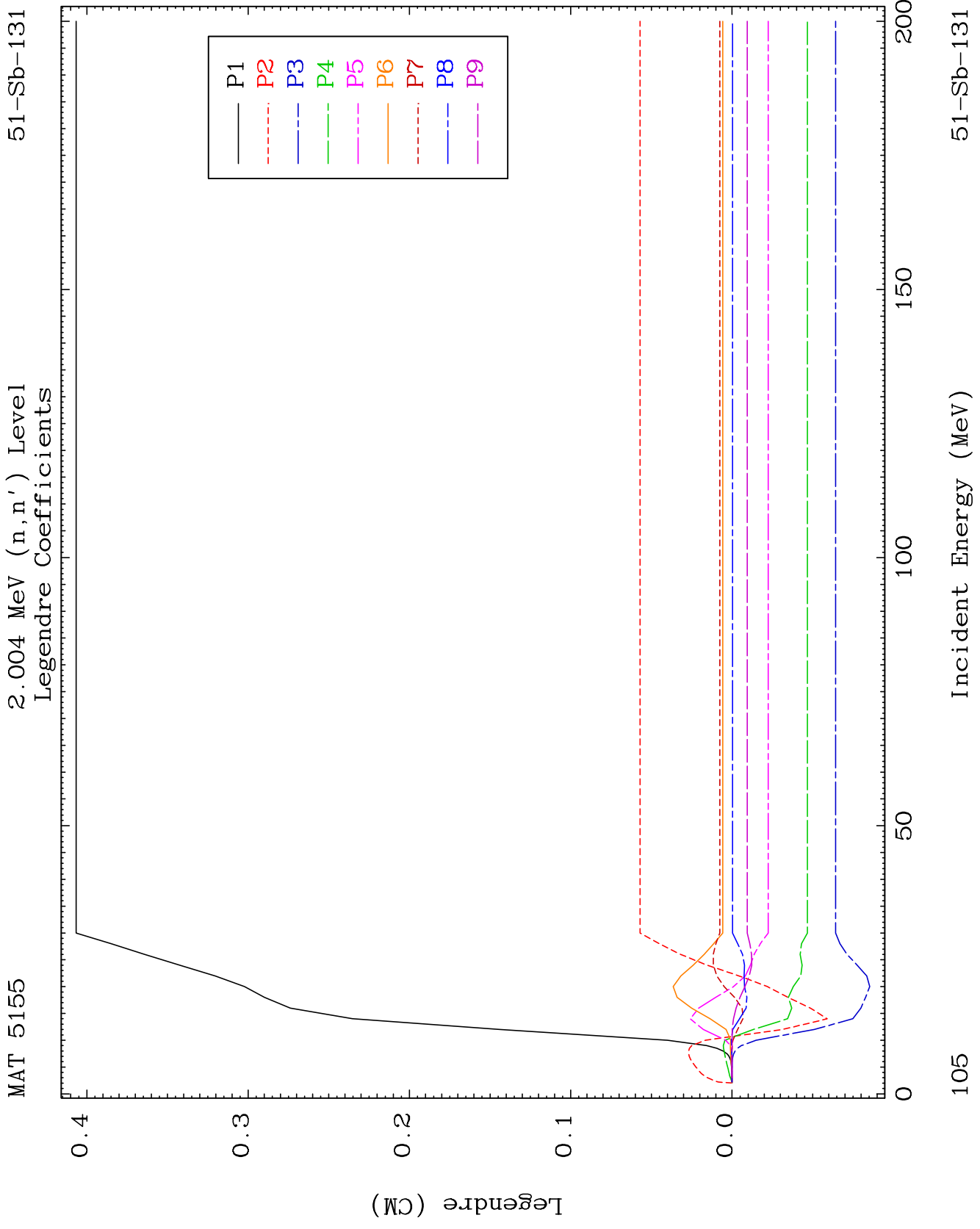


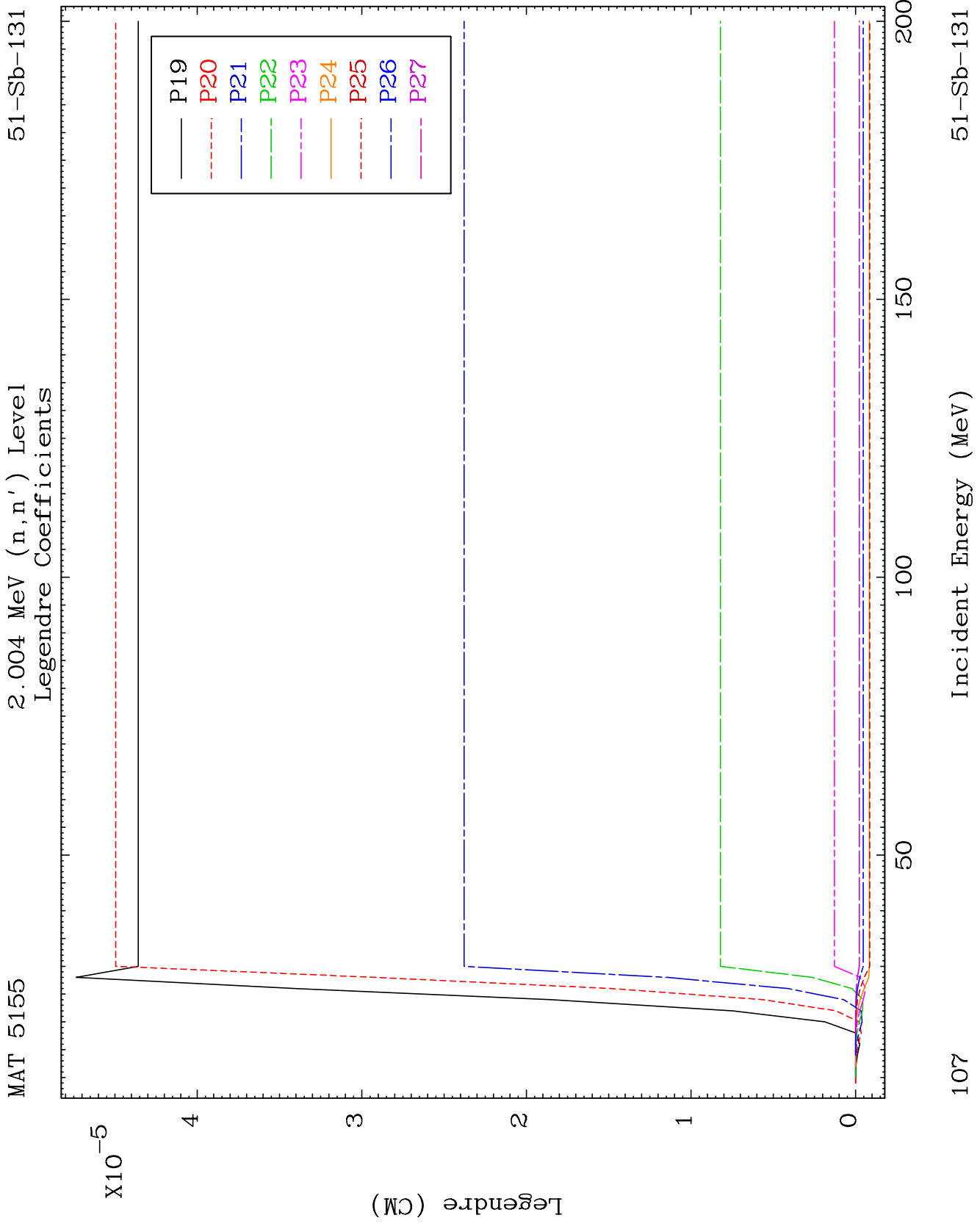


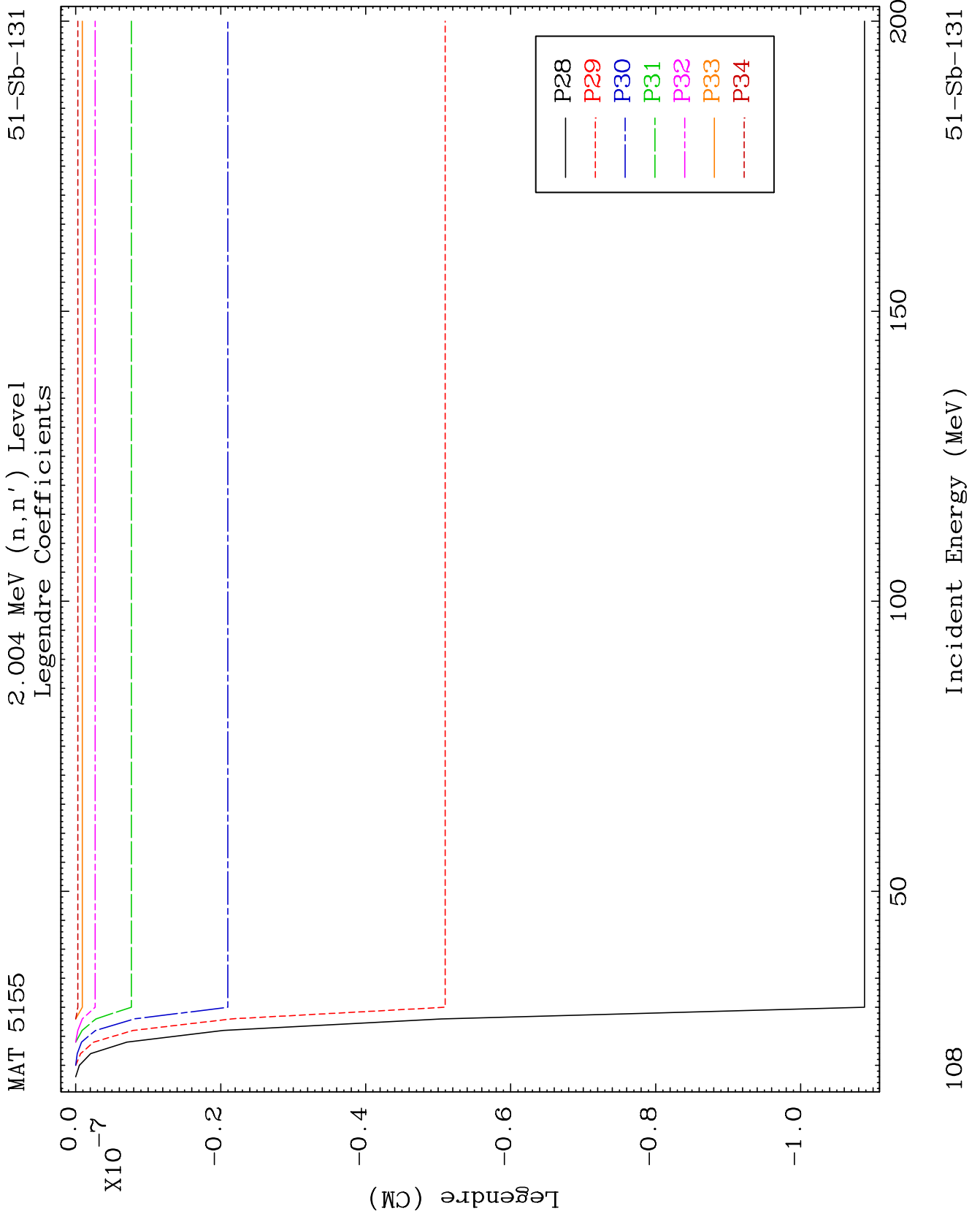


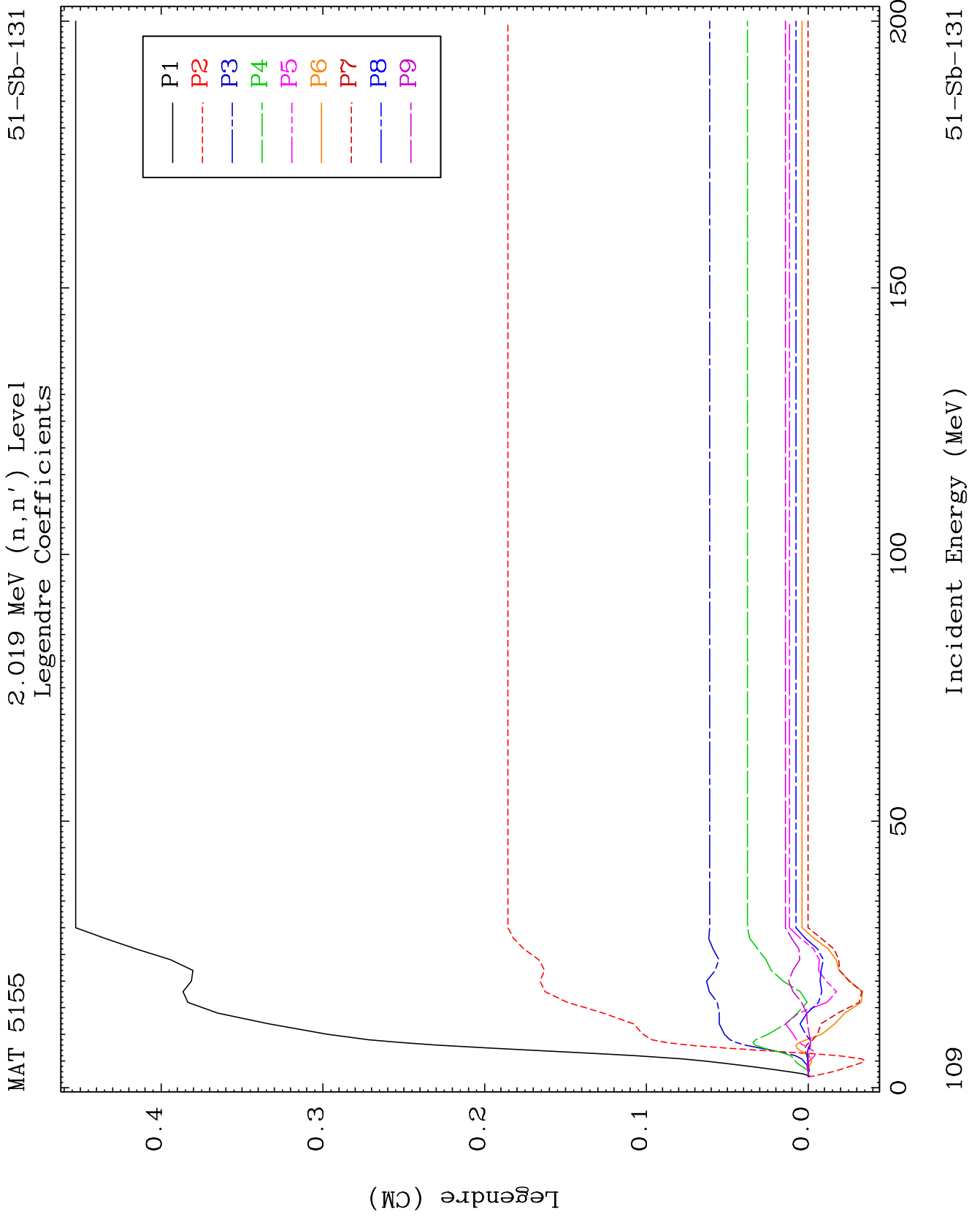








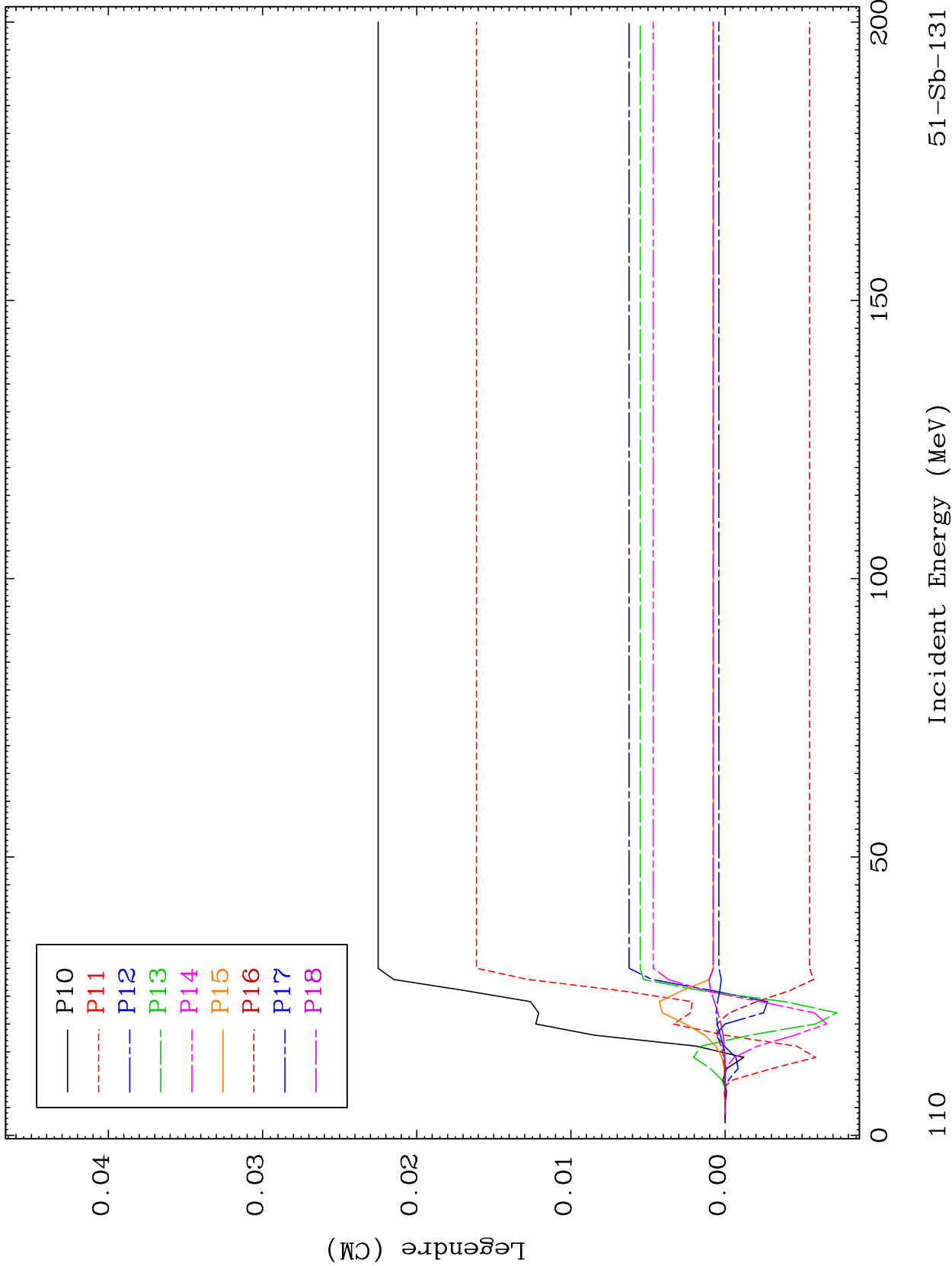




MAT 5155

2.019 MeV (n,n') Level
Legendre Coefficients

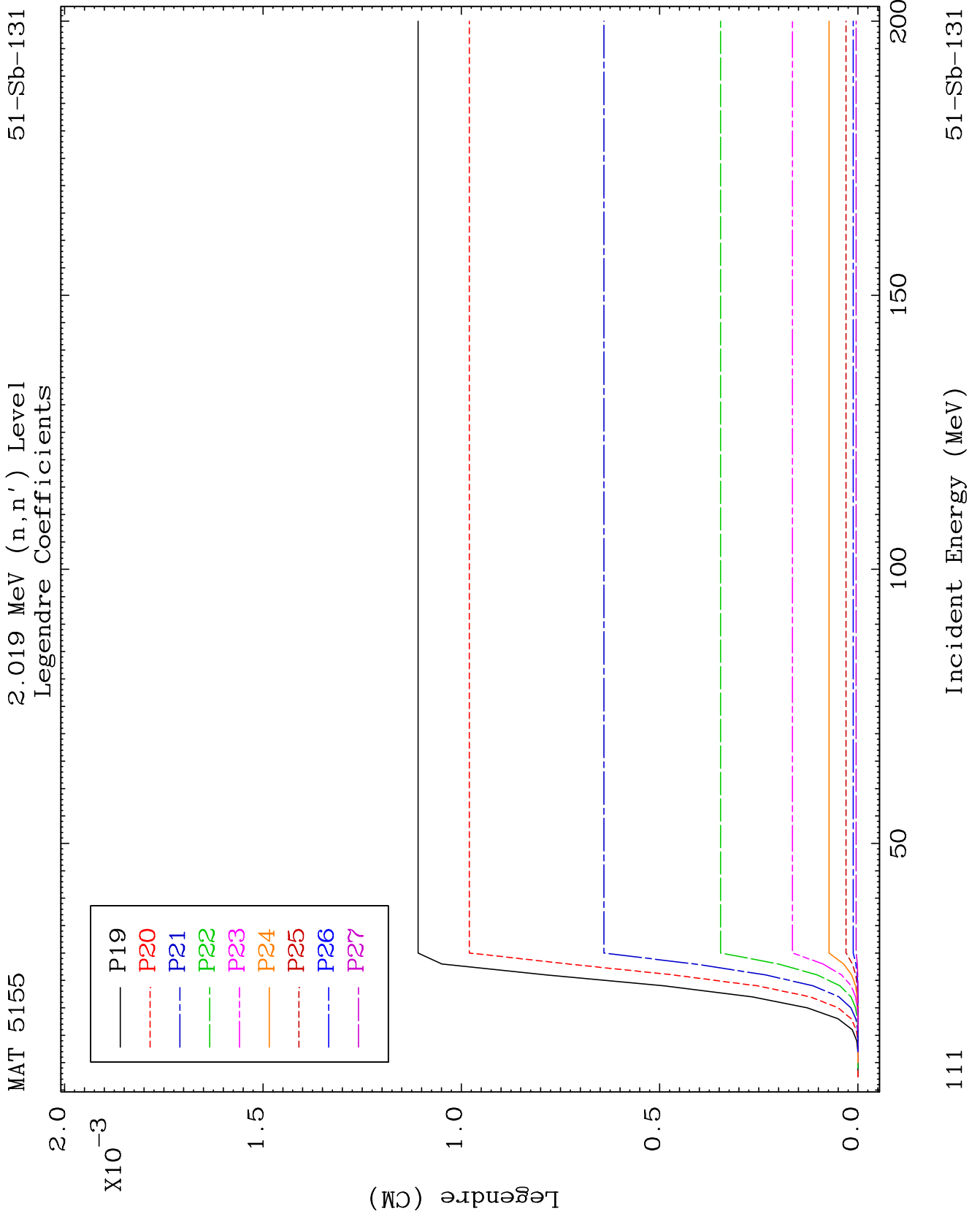
51-Sb-131

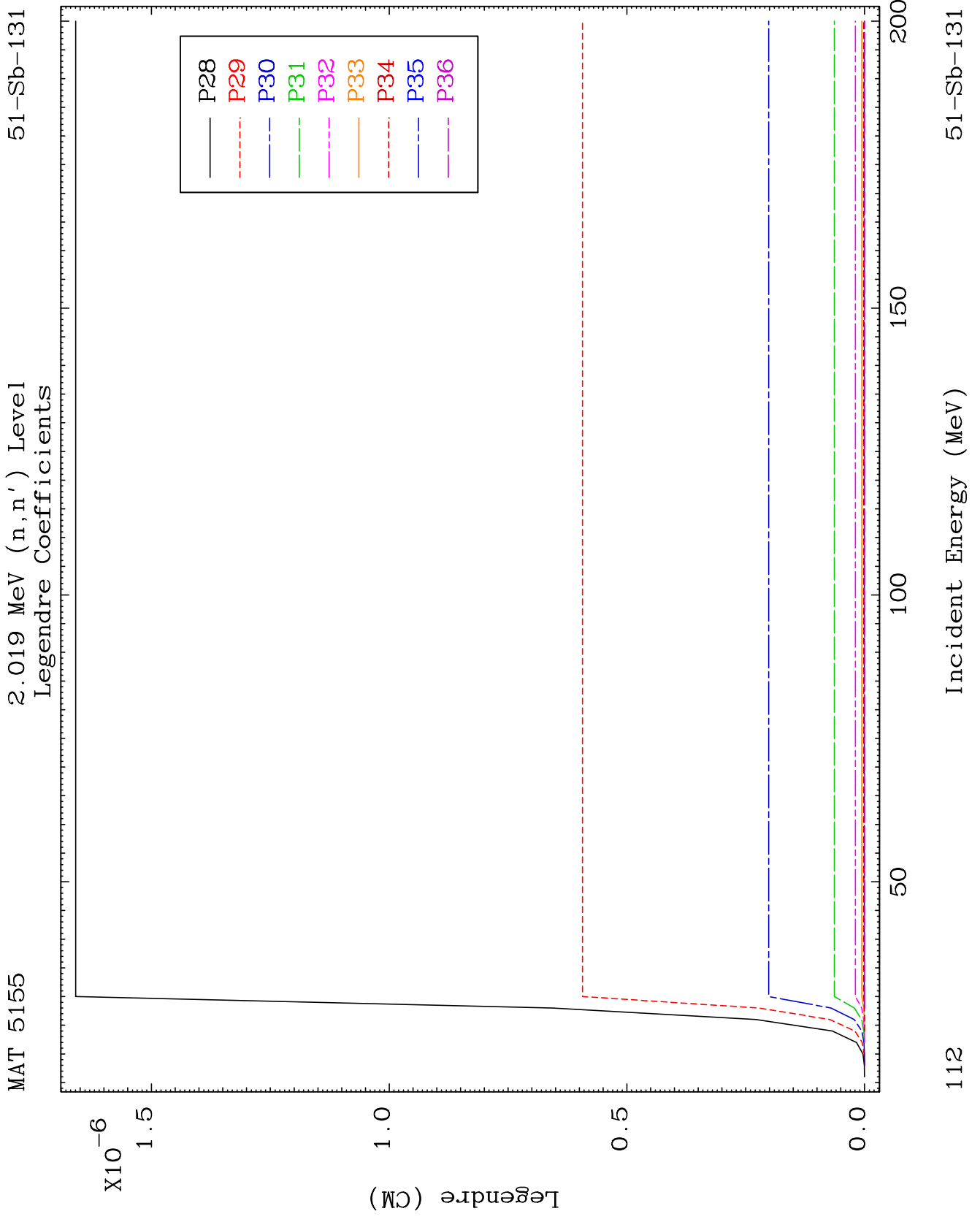


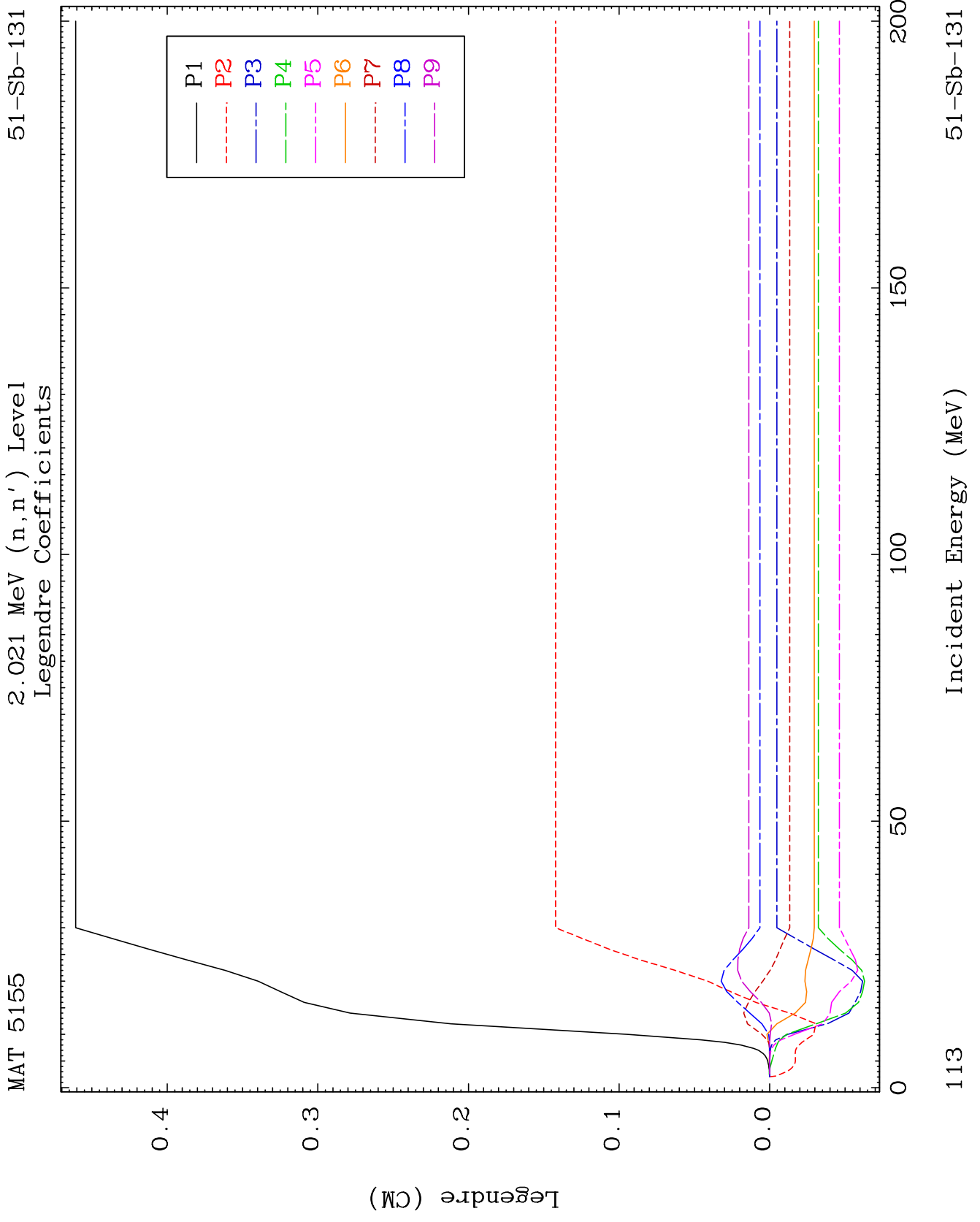
51-Sb-131

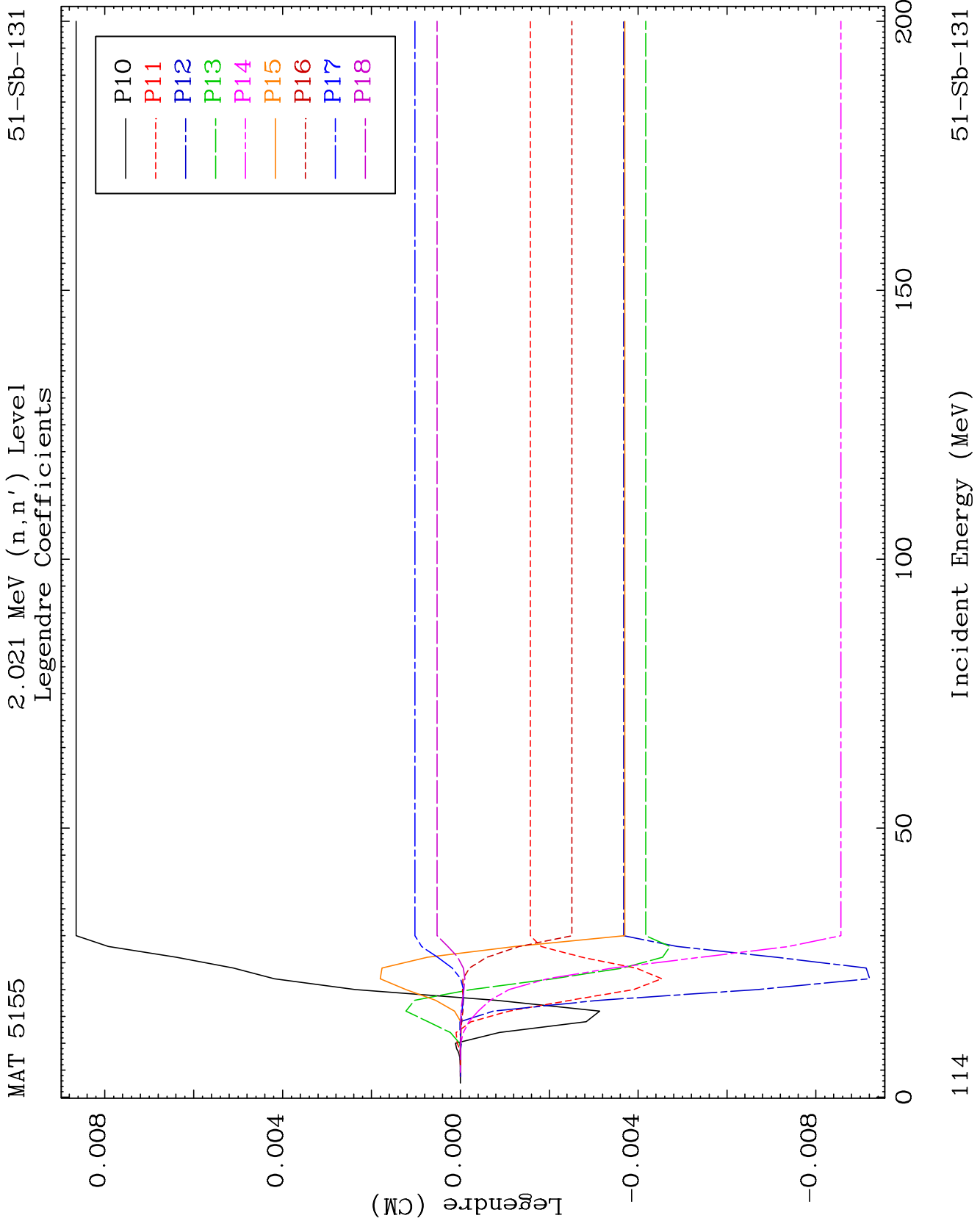
Incident Energy (MeV)

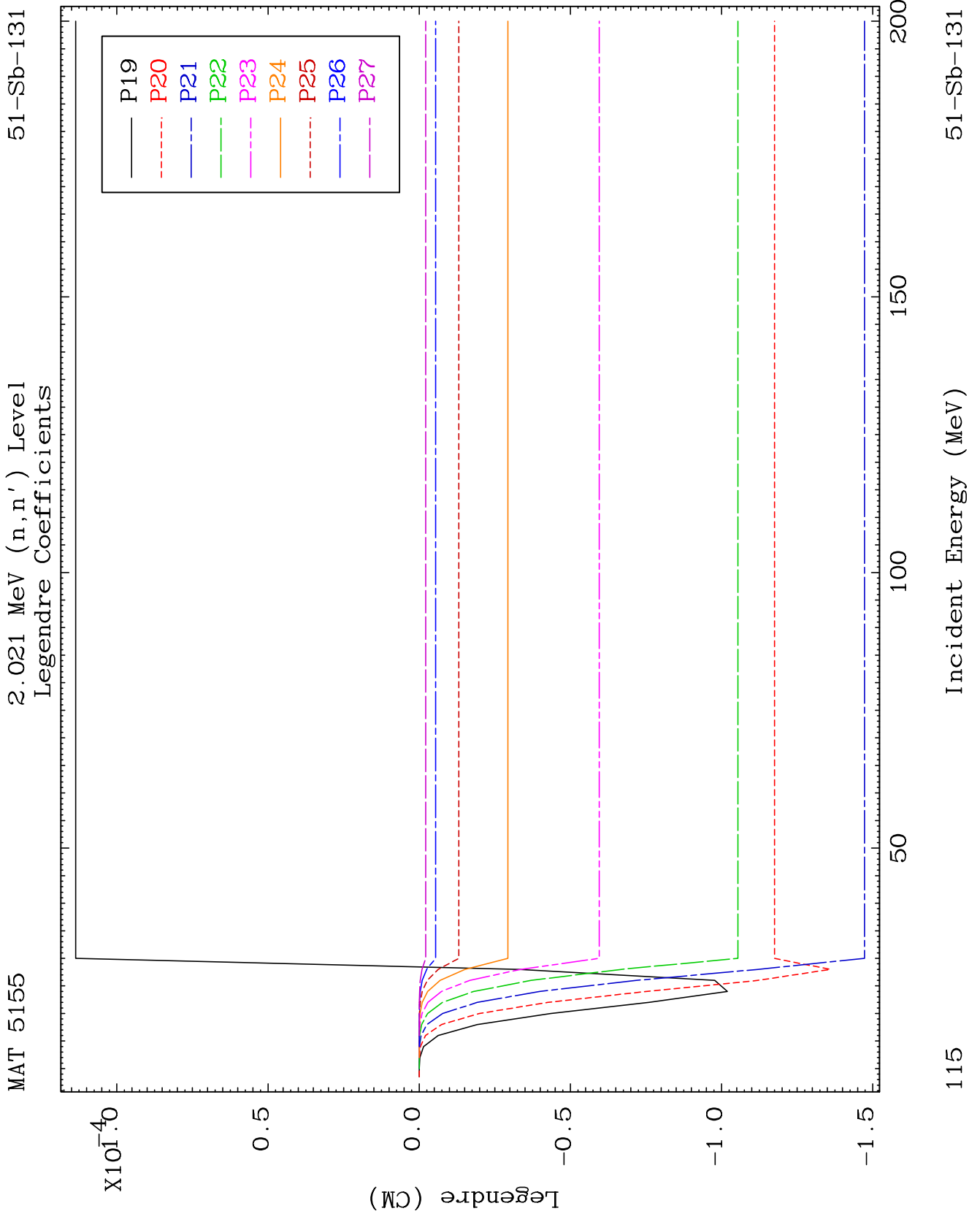
110

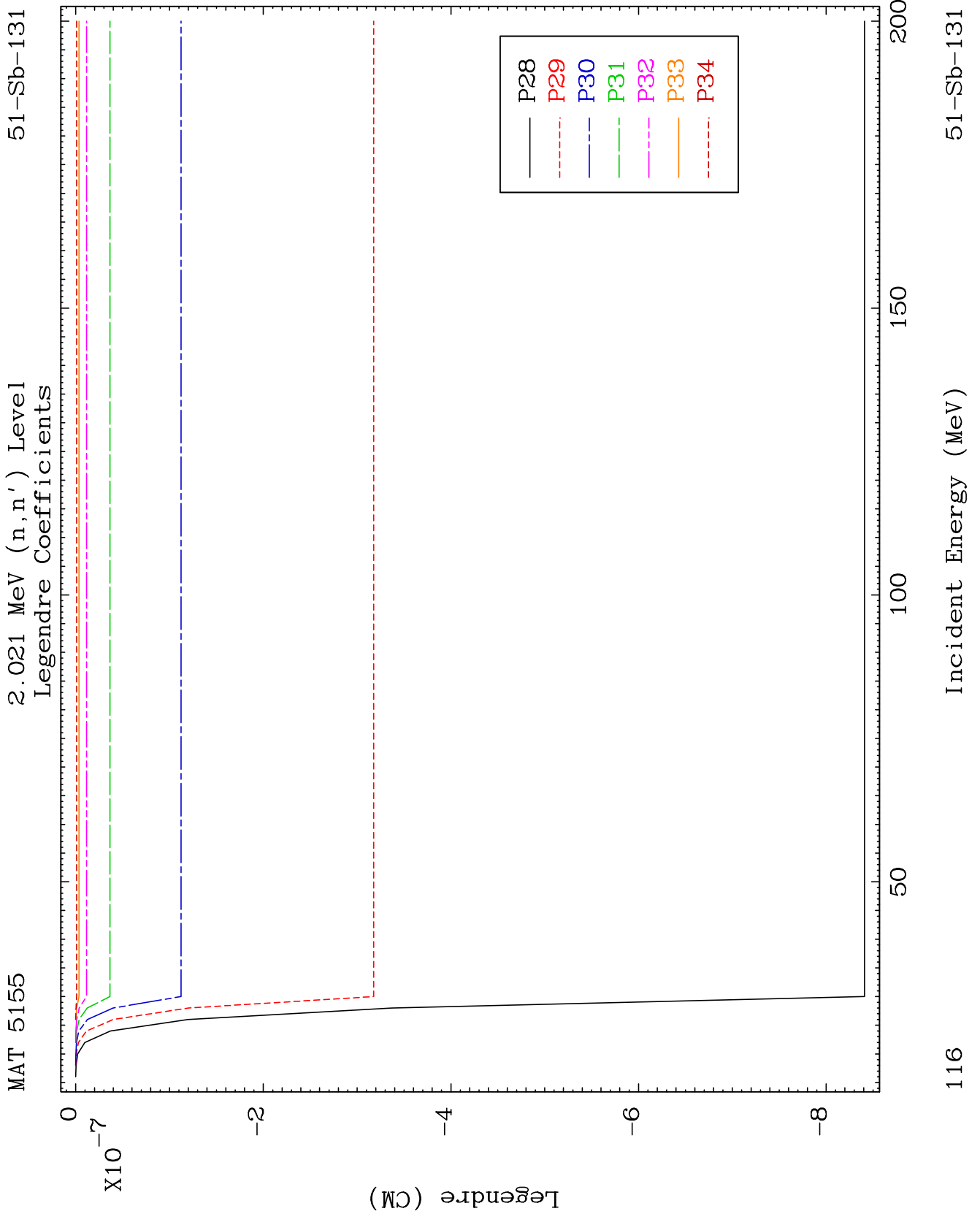








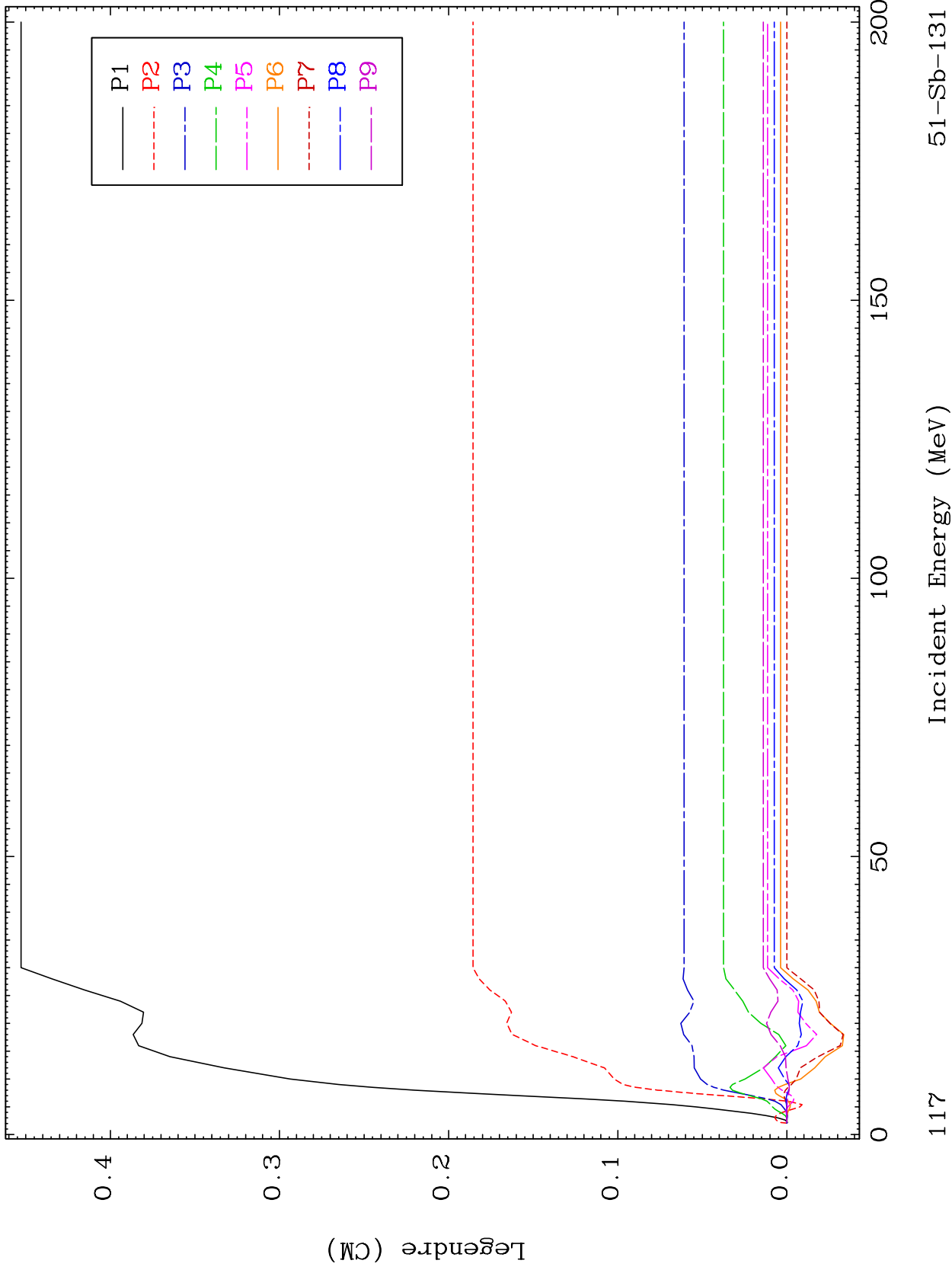




MAT 5155

2.037 MeV (n,n') Level
Legendre Coefficients

51-Sb-131



51-Sb-131

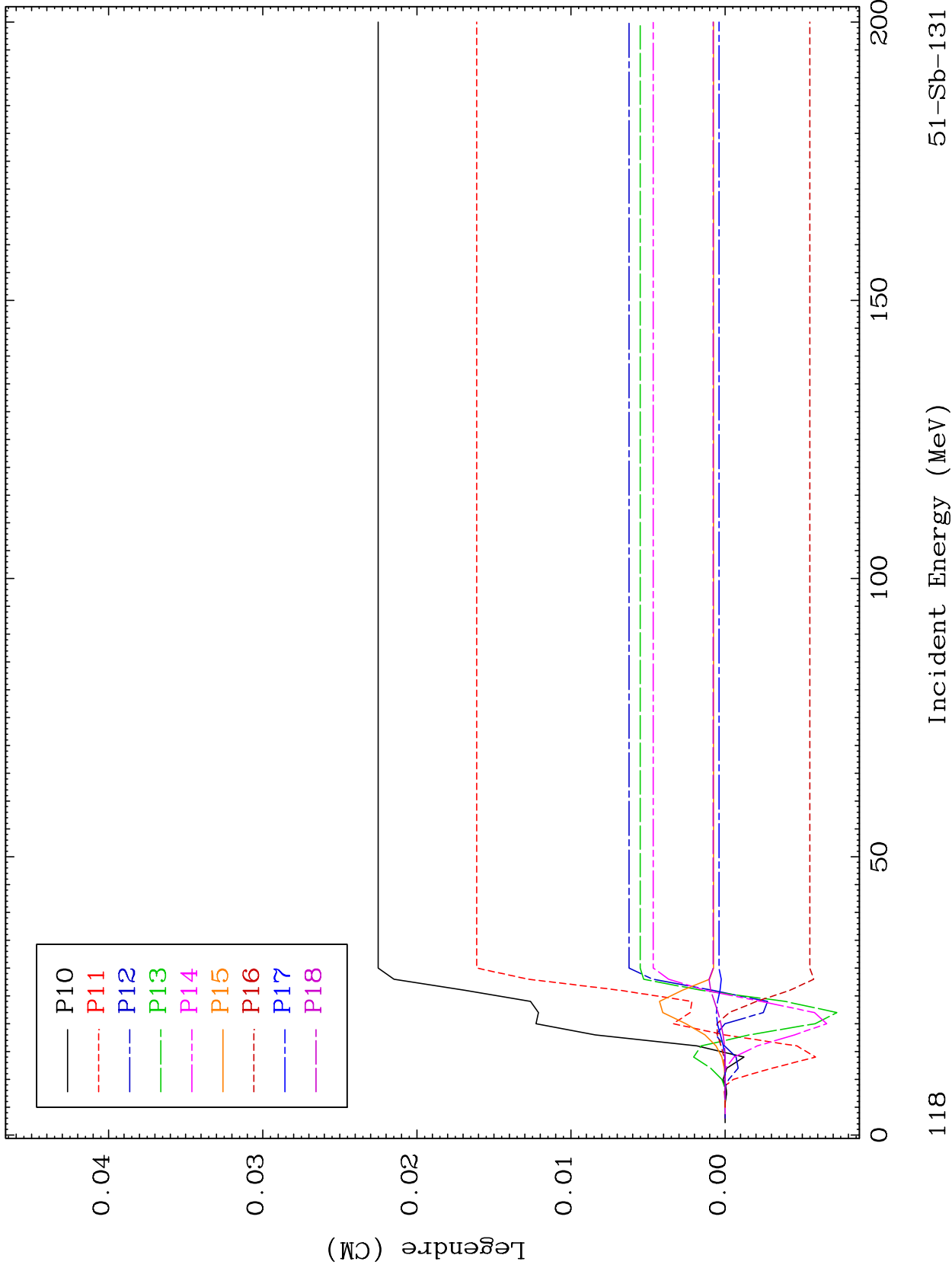
Incident Energy (MeV)

117

MAT 5155

2.037 MeV (n,n') Level
Legendre Coefficients

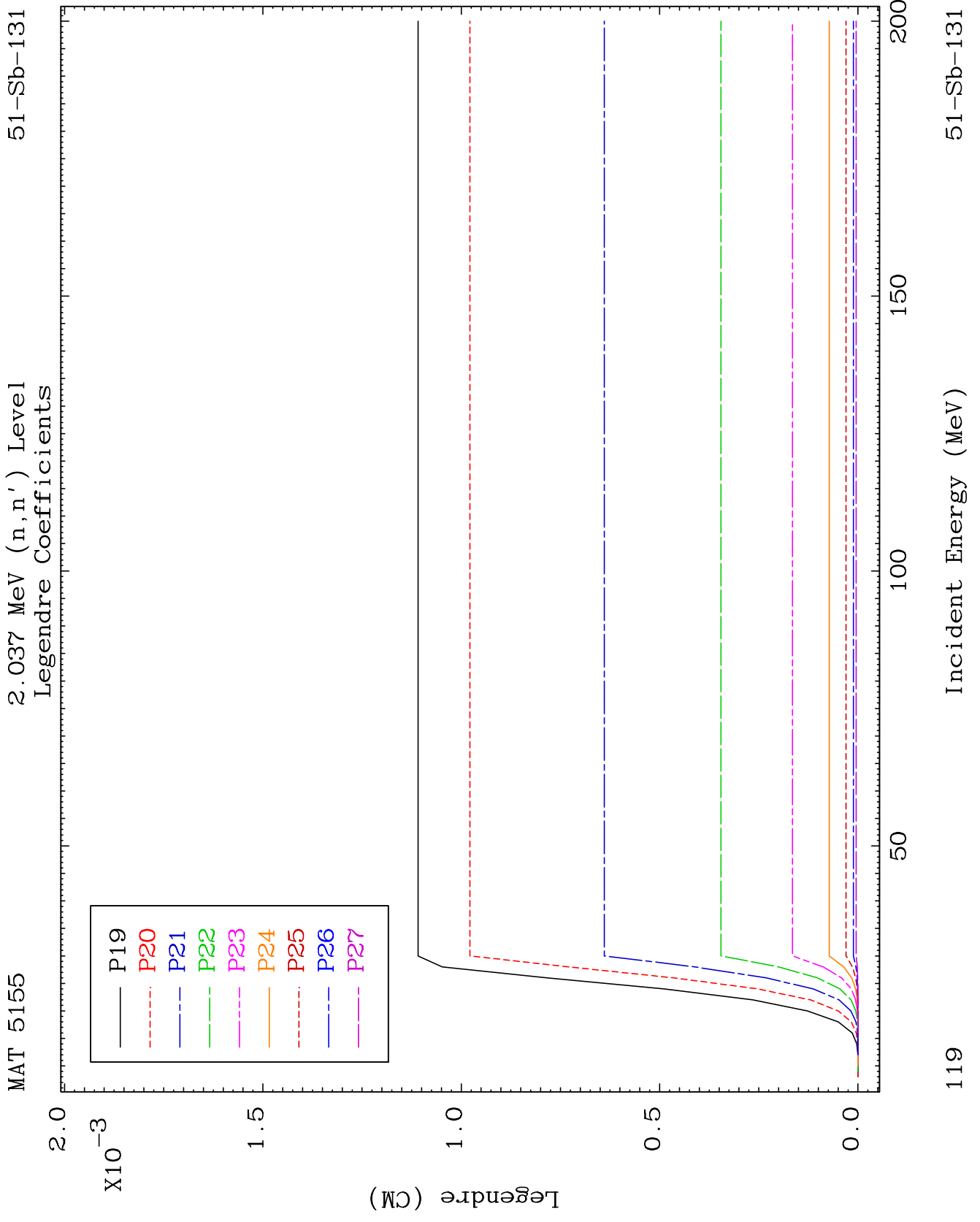
51-Sb-131



118

Incident Energy (MeV)

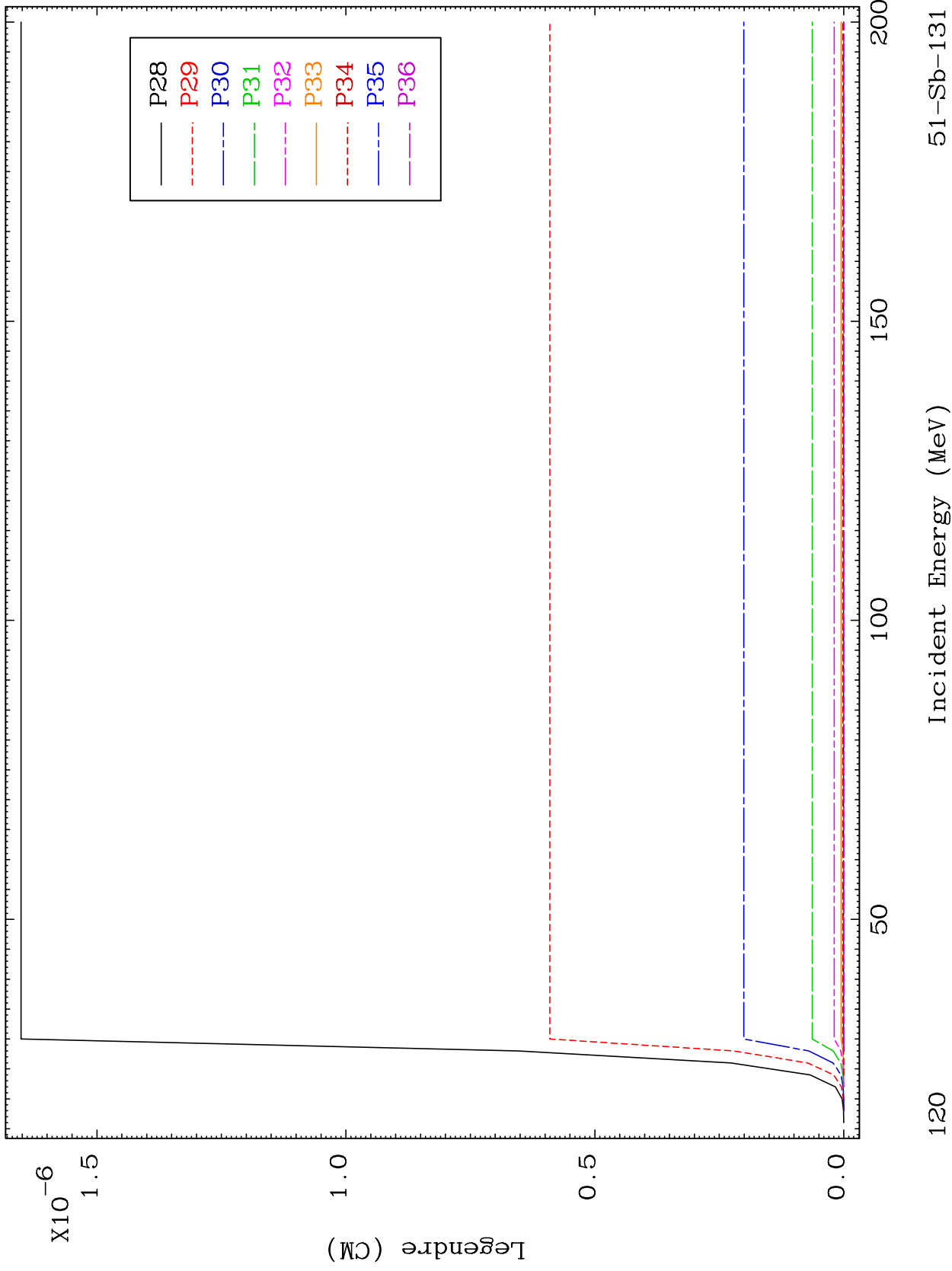
51-Sb-131



MAT 5155

2.037 MeV (n,n') Level
Legendre Coefficients

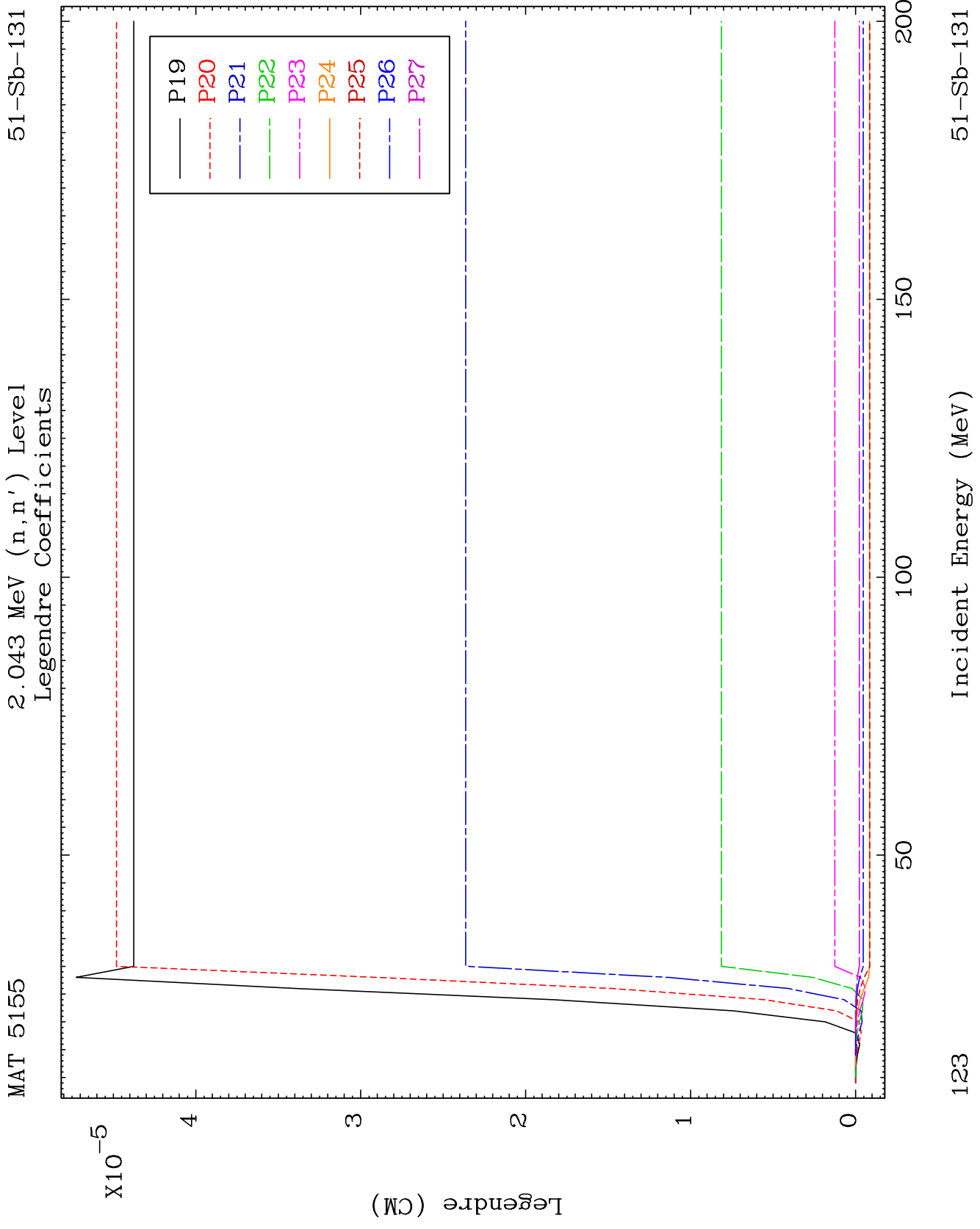
51-Sb-131

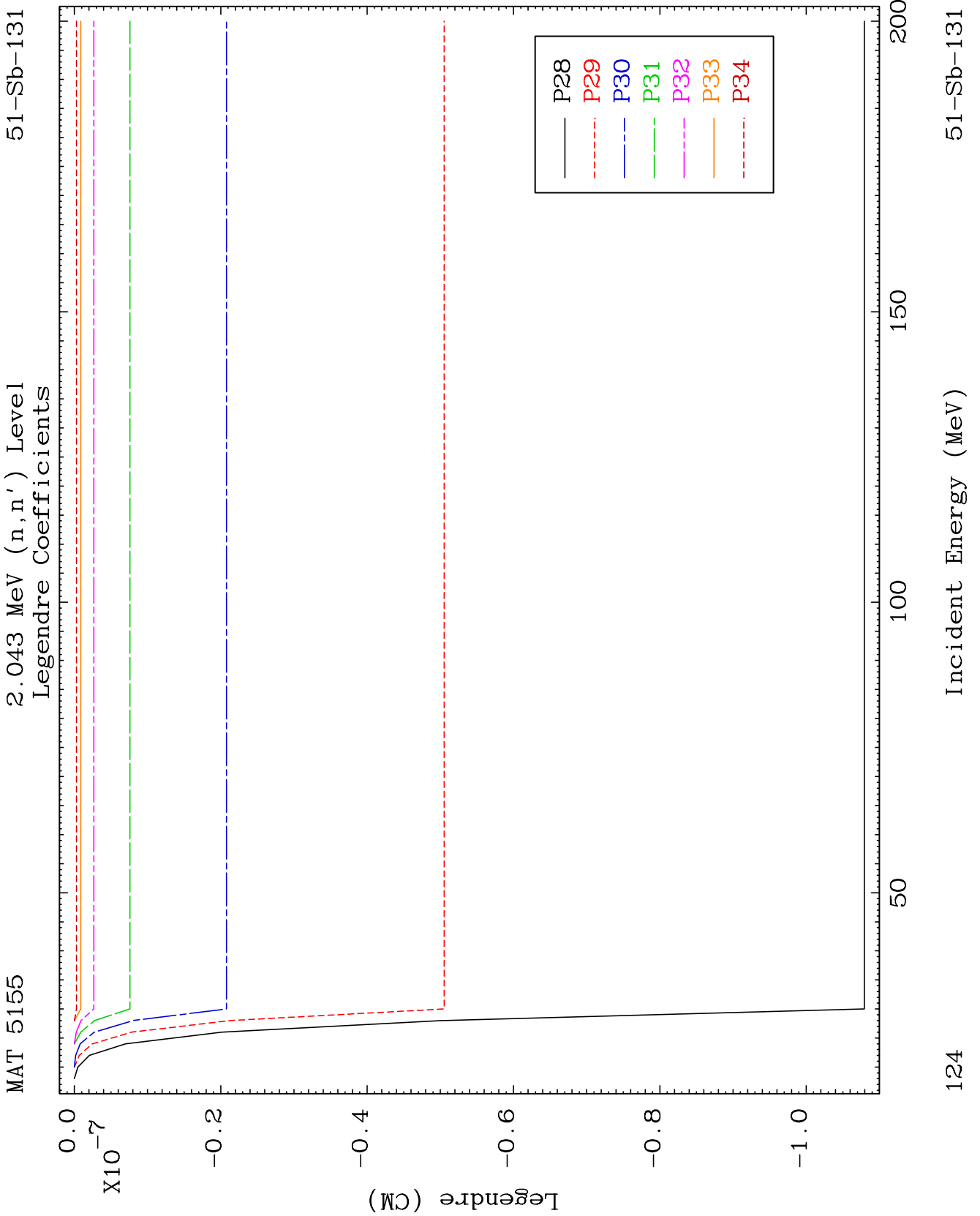


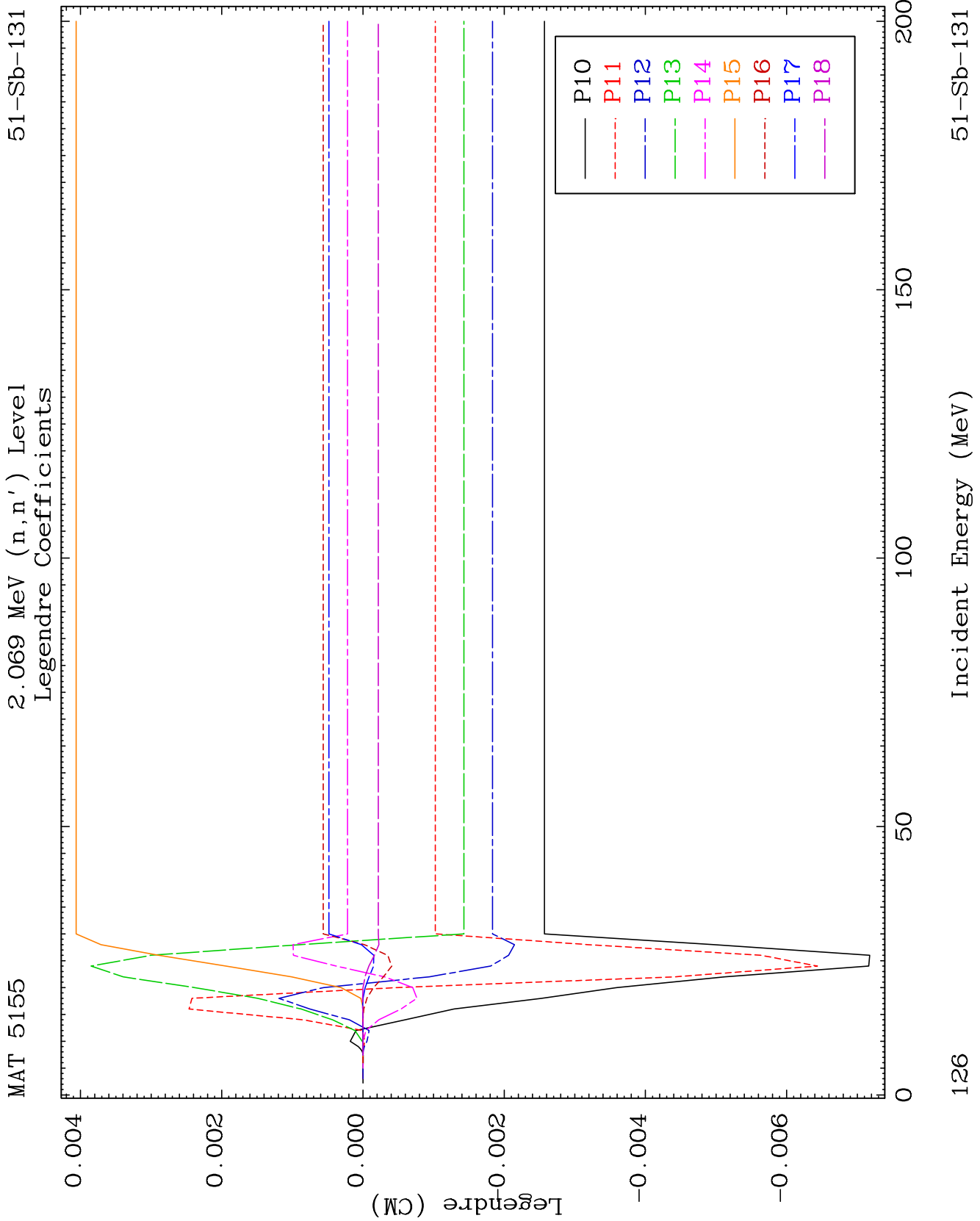
120

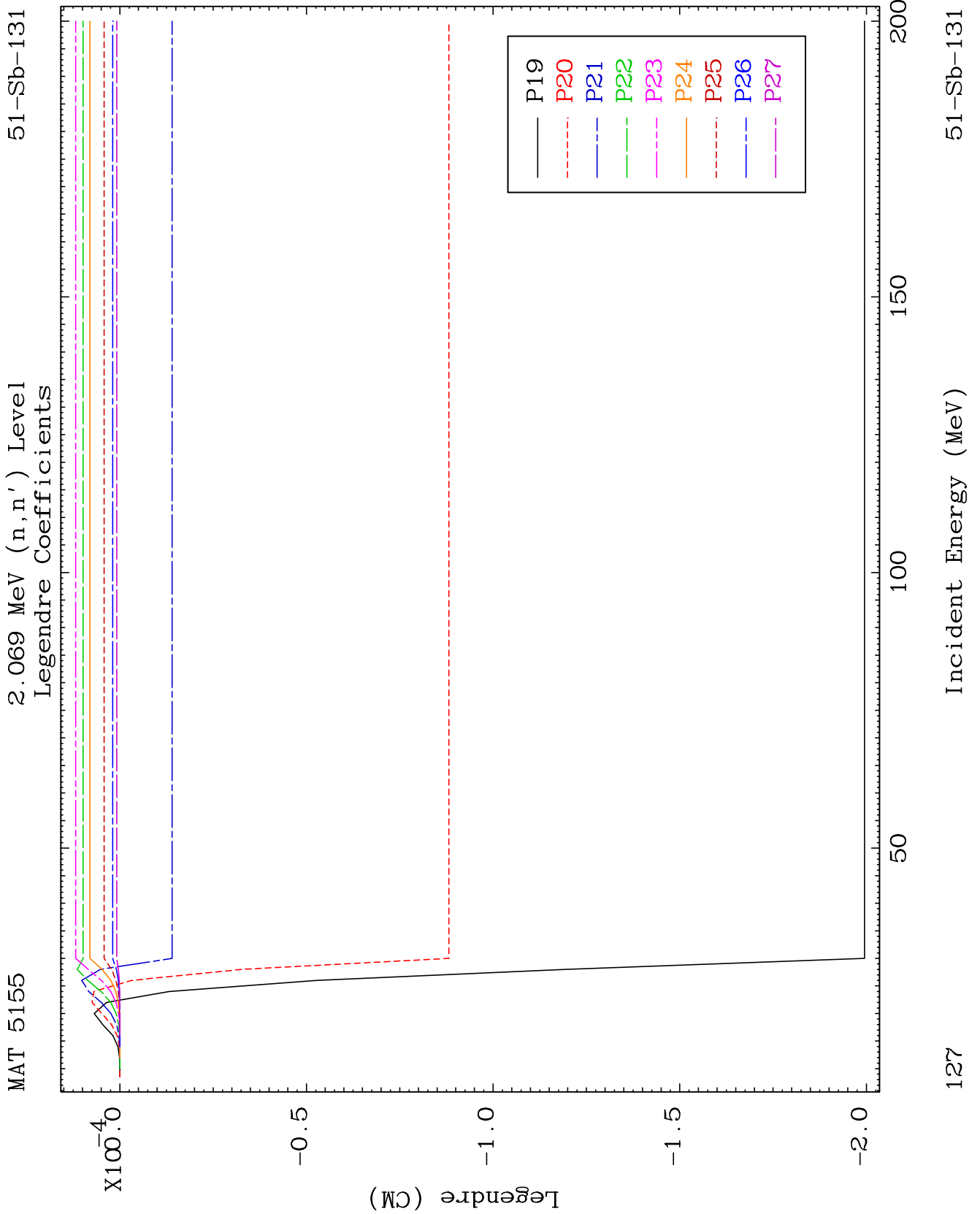
Incident Energy (MeV)

51-Sb-131





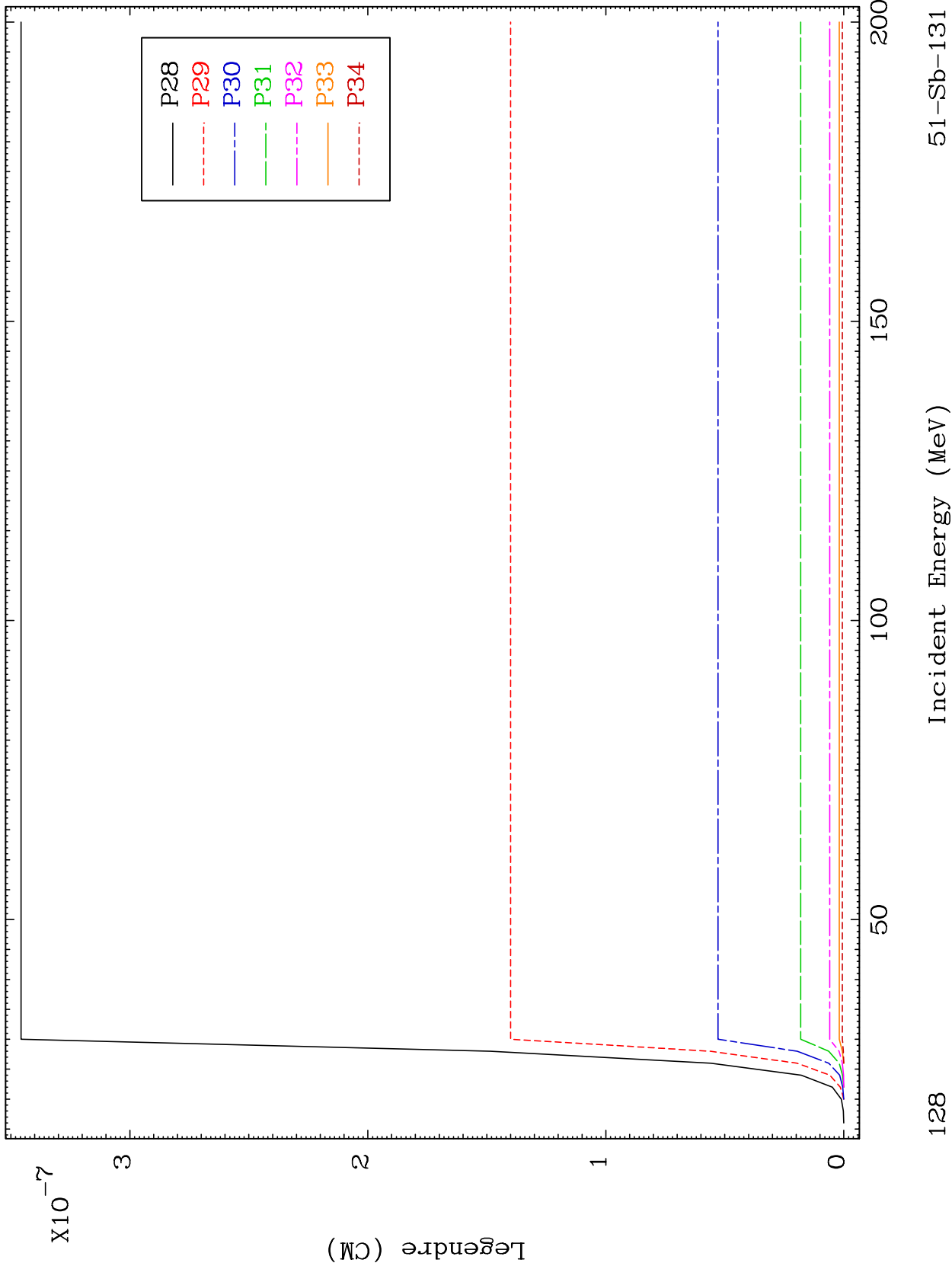




MAT 5155

2.069 MeV (n,n') Level
Legendre Coefficients

51-Sb-131



128

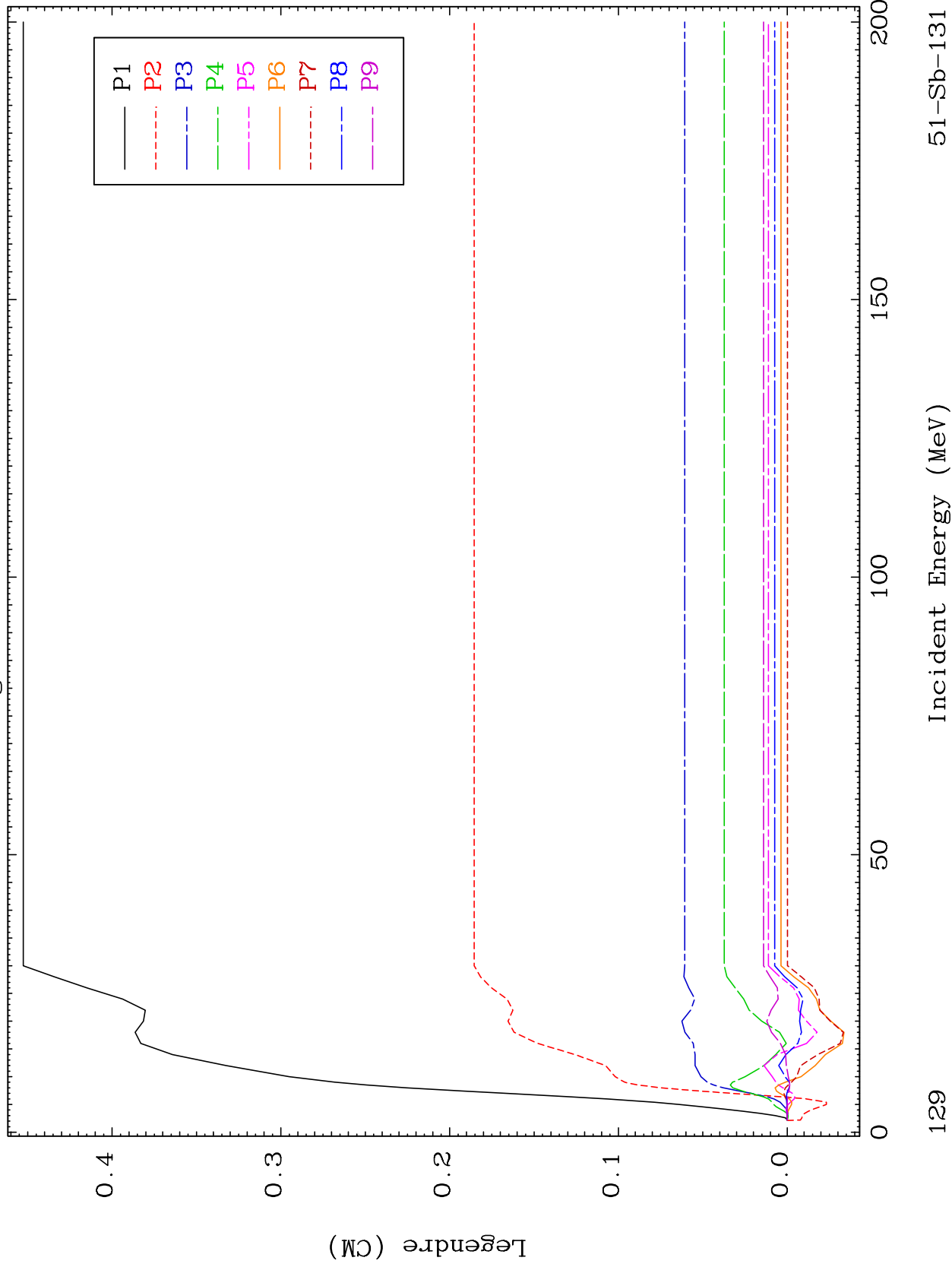
Incident Energy (MeV)

51-Sb-131

MAT 5155

2.086 MeV (n,n') Level
Legendre Coefficients

51-Sb-131



129

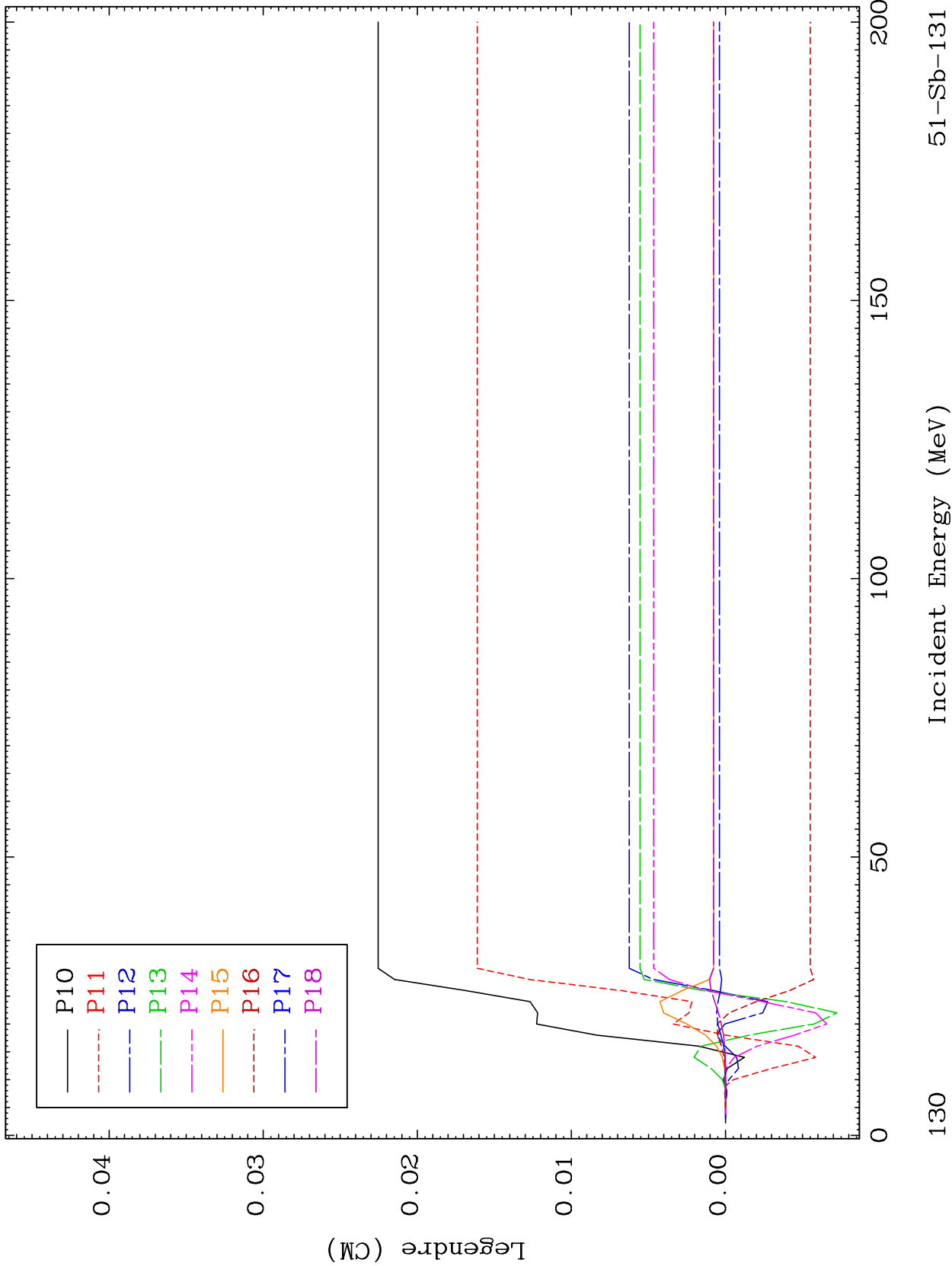
Incident Energy (MeV)

51-Sb-131

MAT 5155

2.086 MeV (n,n') Level
Legendre Coefficients

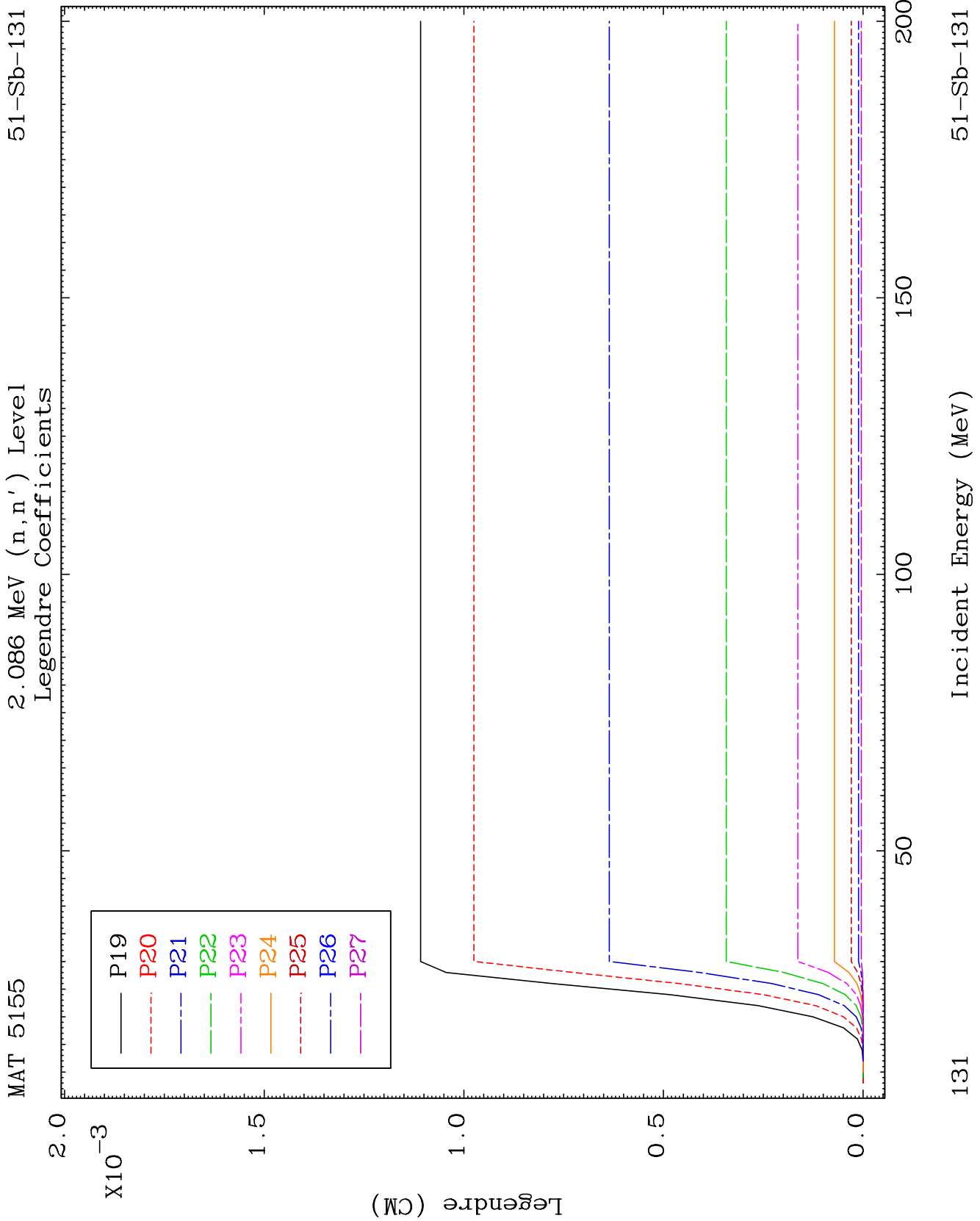
51-Sb-131

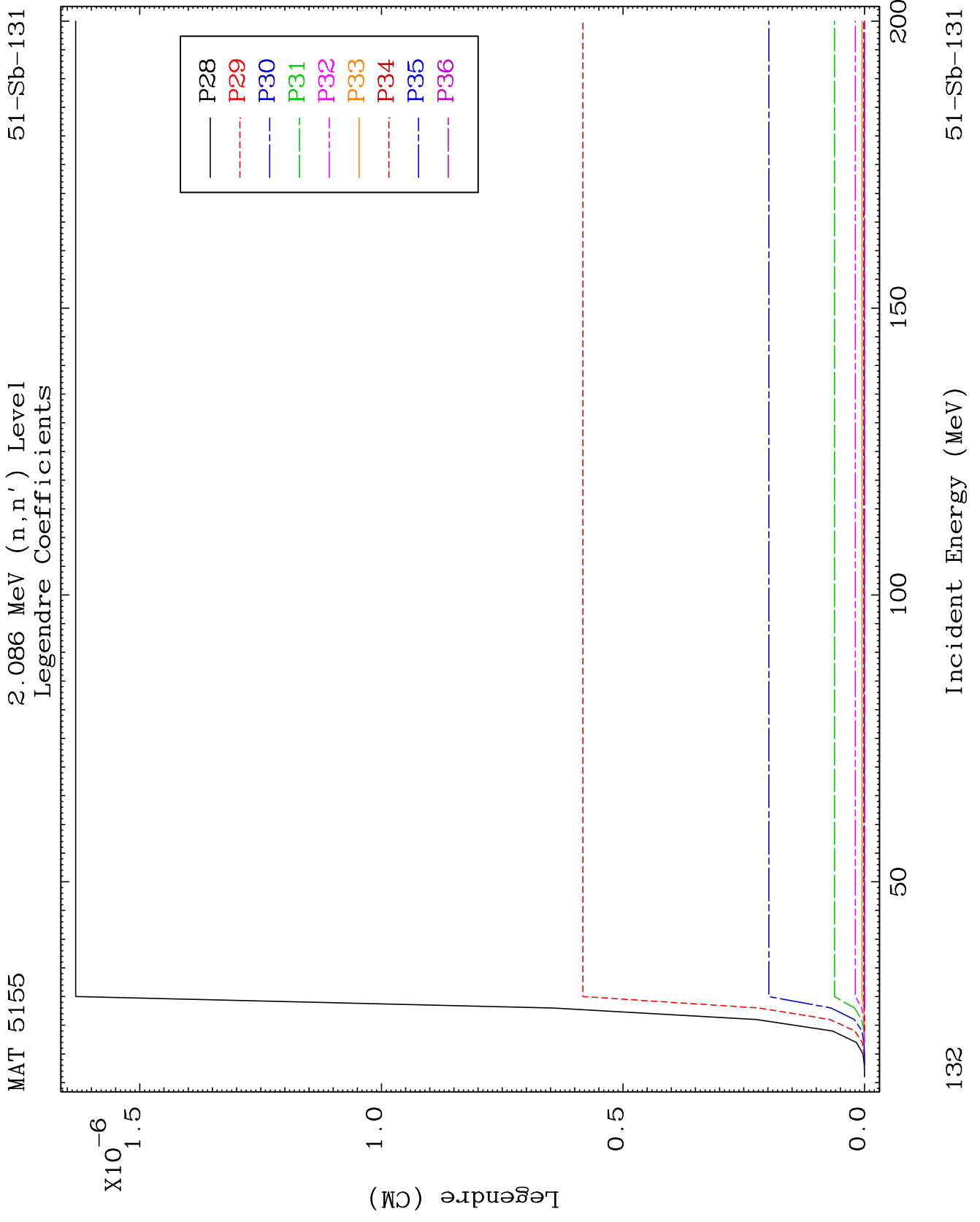


51-Sb-131

Incident Energy (MeV)

130



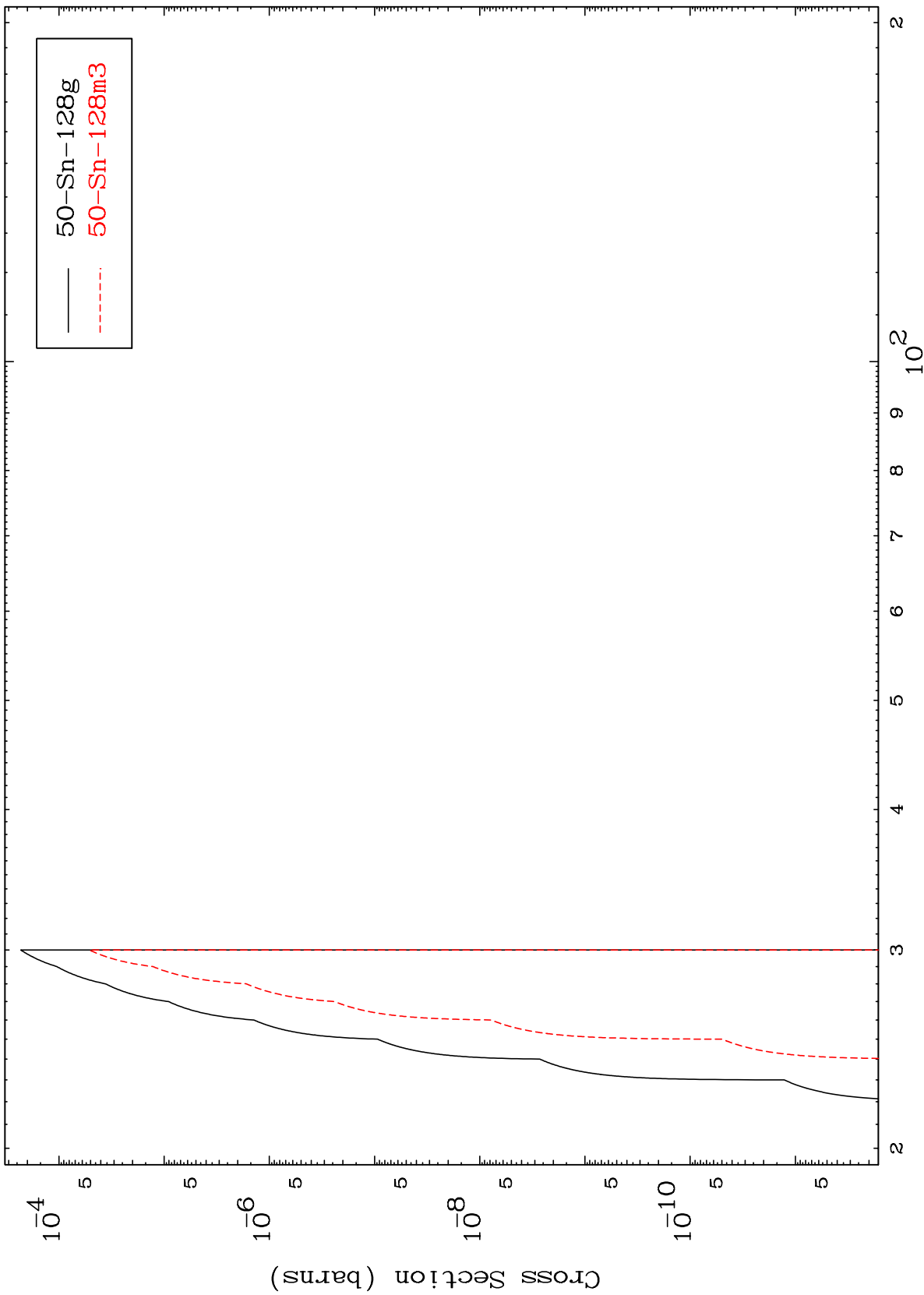


MAT 5155

(n,2n) d

51-Sb-131

Radionuclide Production Cross Section



133

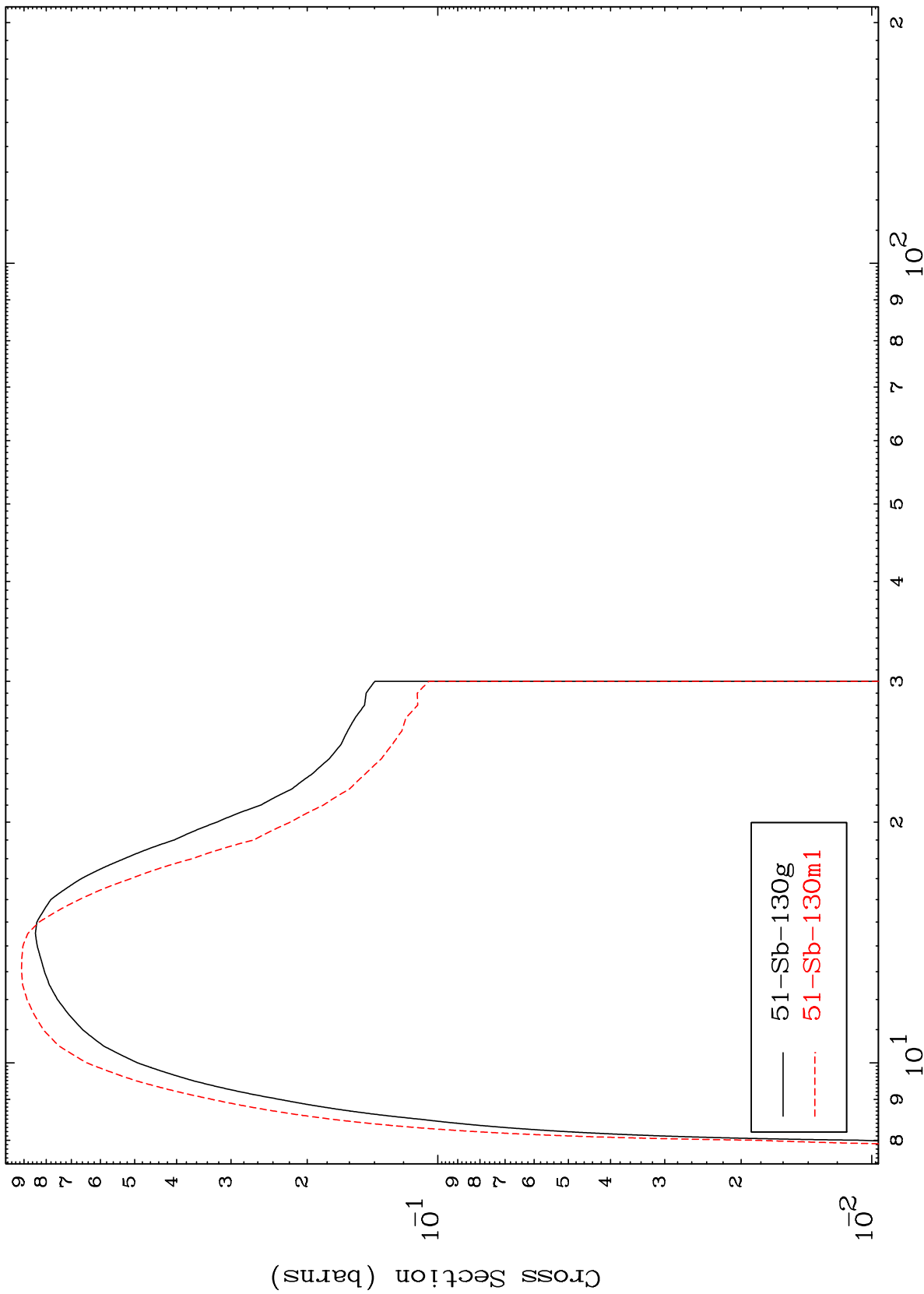
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

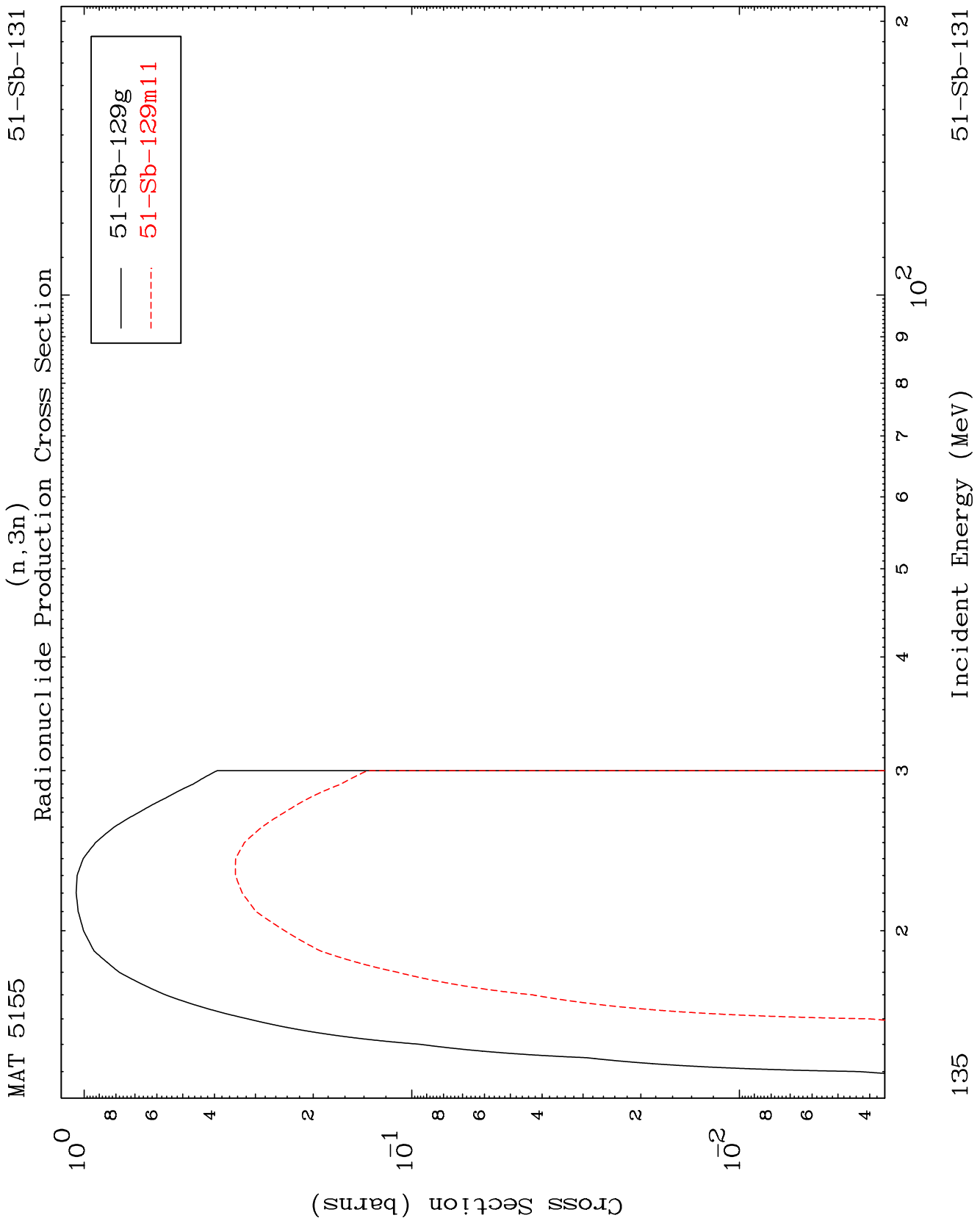
(n,2n)
Radionuclide Production Cross Section



134

51-Sb-131

Incident Energy (MeV)

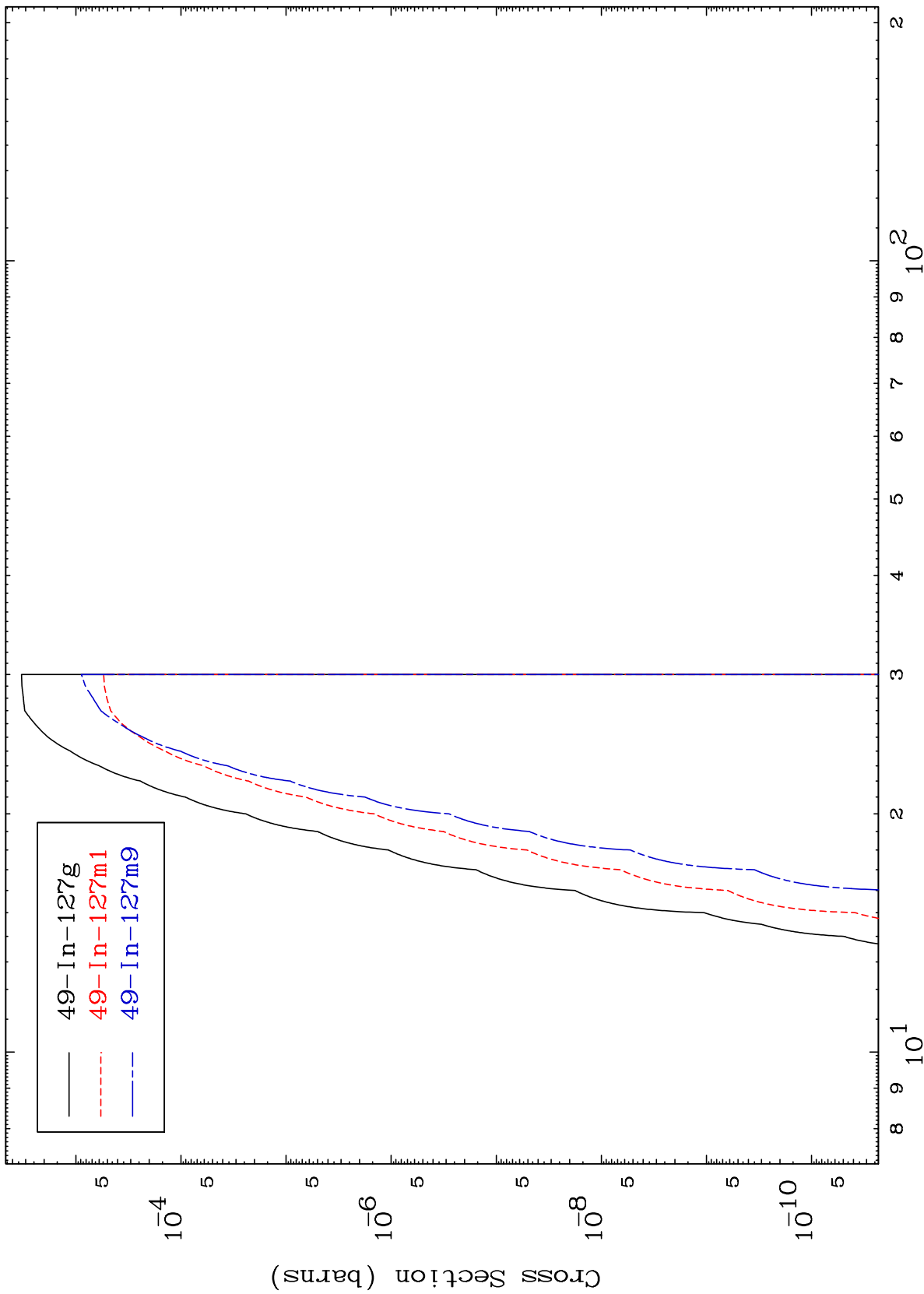


MAT 5155

51-Sb-131

(n,n') α

Radionuclide Production Cross Section



136

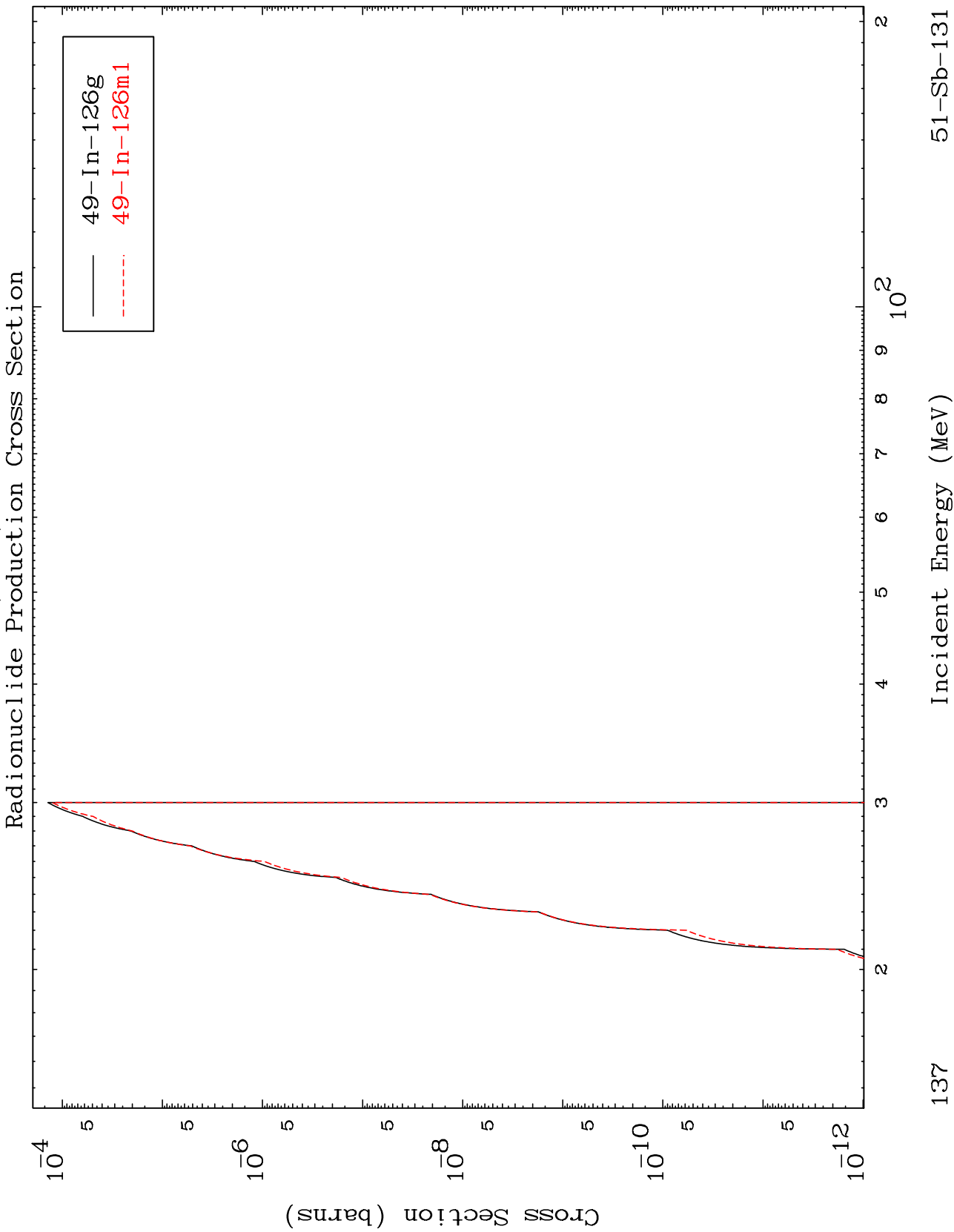
Incident Energy (MeV)

51-Sb-131

MAT 5155

(n,2n) α

51-Sb-131



137

Incident Energy (MeV)

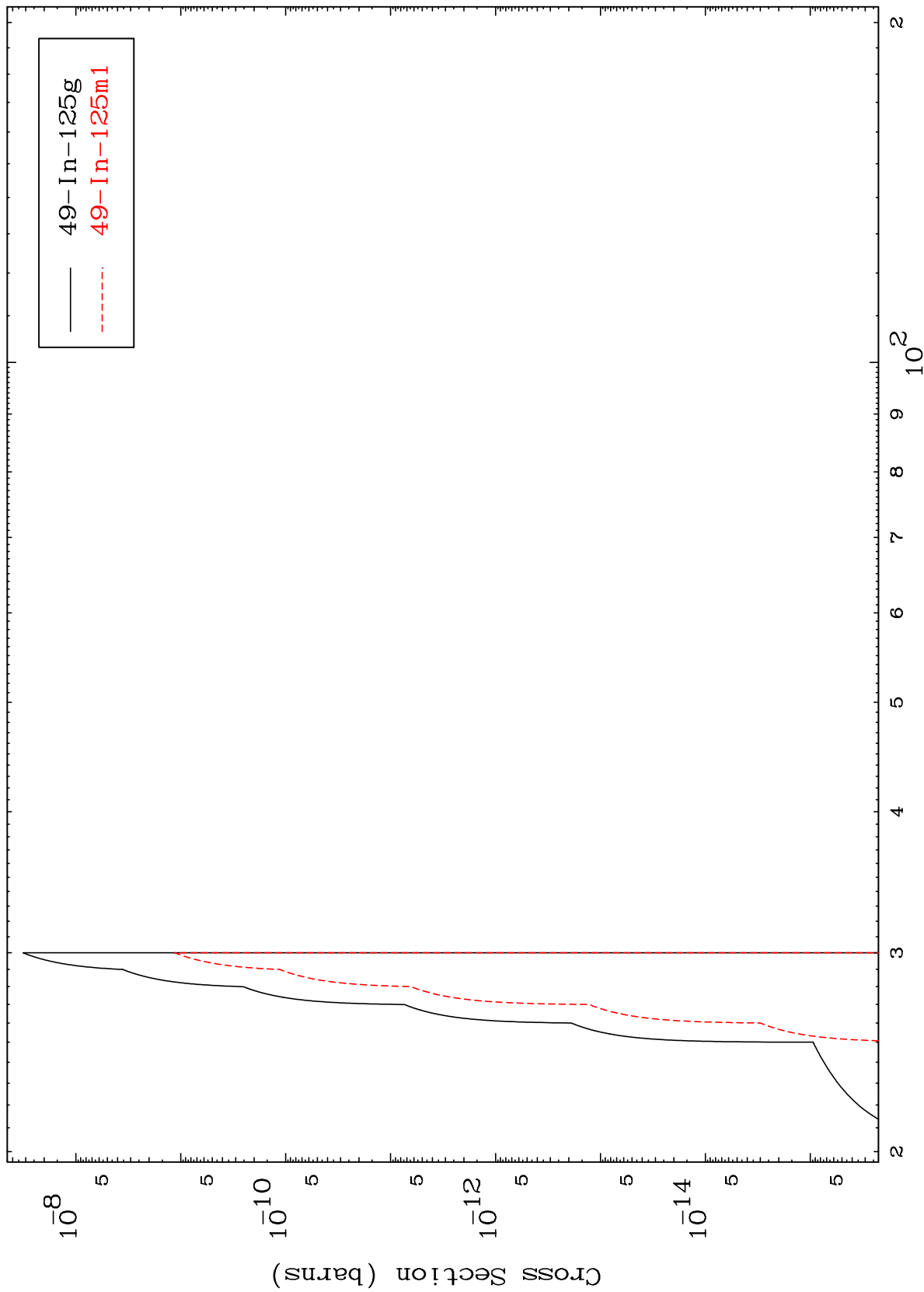
51-Sb-131

MAT 5155

(n,3n) α

51-Sb-131

Radionuclide Production Cross Section



138

Incident Energy (MeV)

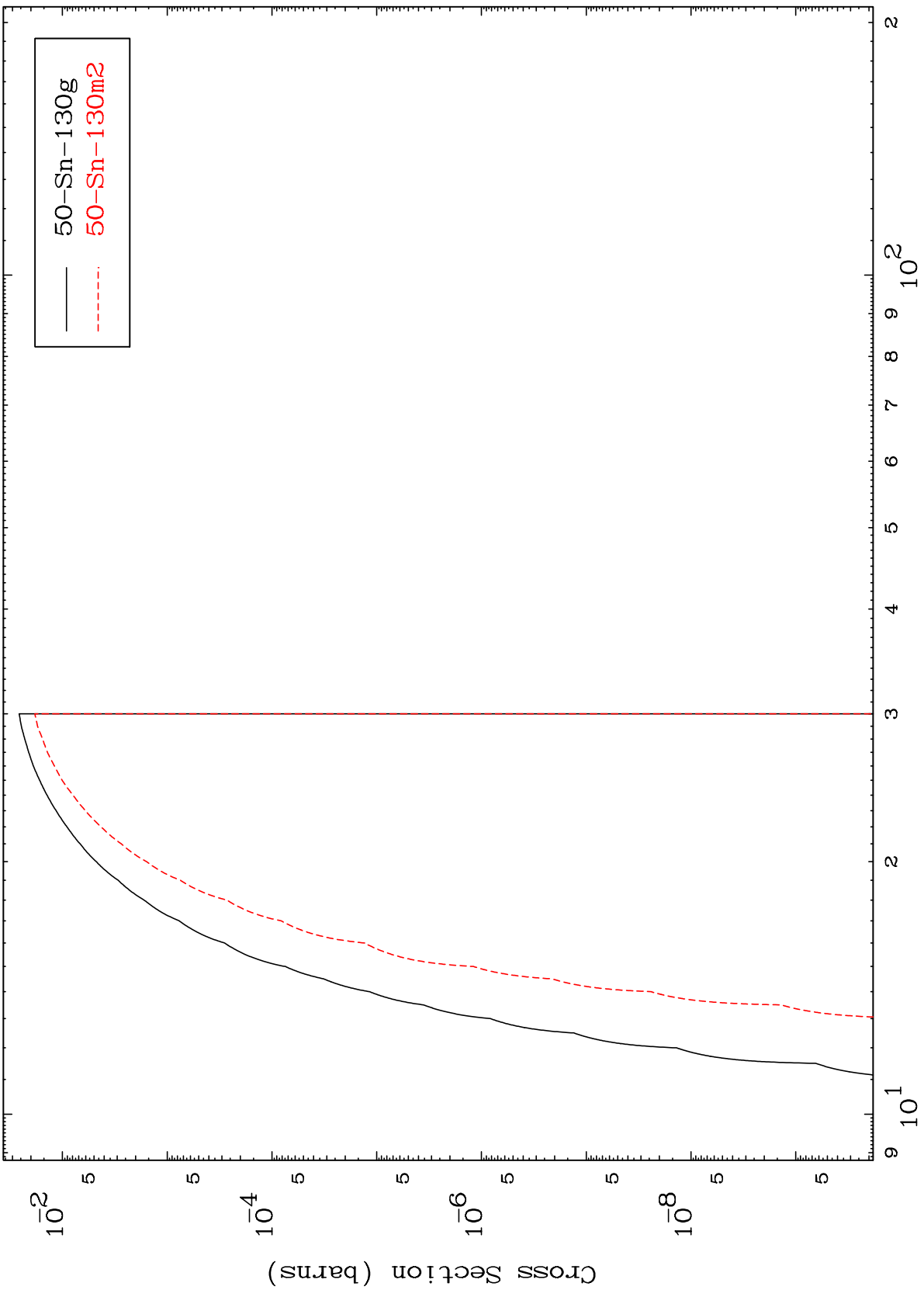
51-Sb-131

MAT 5155

(n,n') p

51-Sb-131

Radionuclide Production Cross Section



139

Incident Energy (MeV)

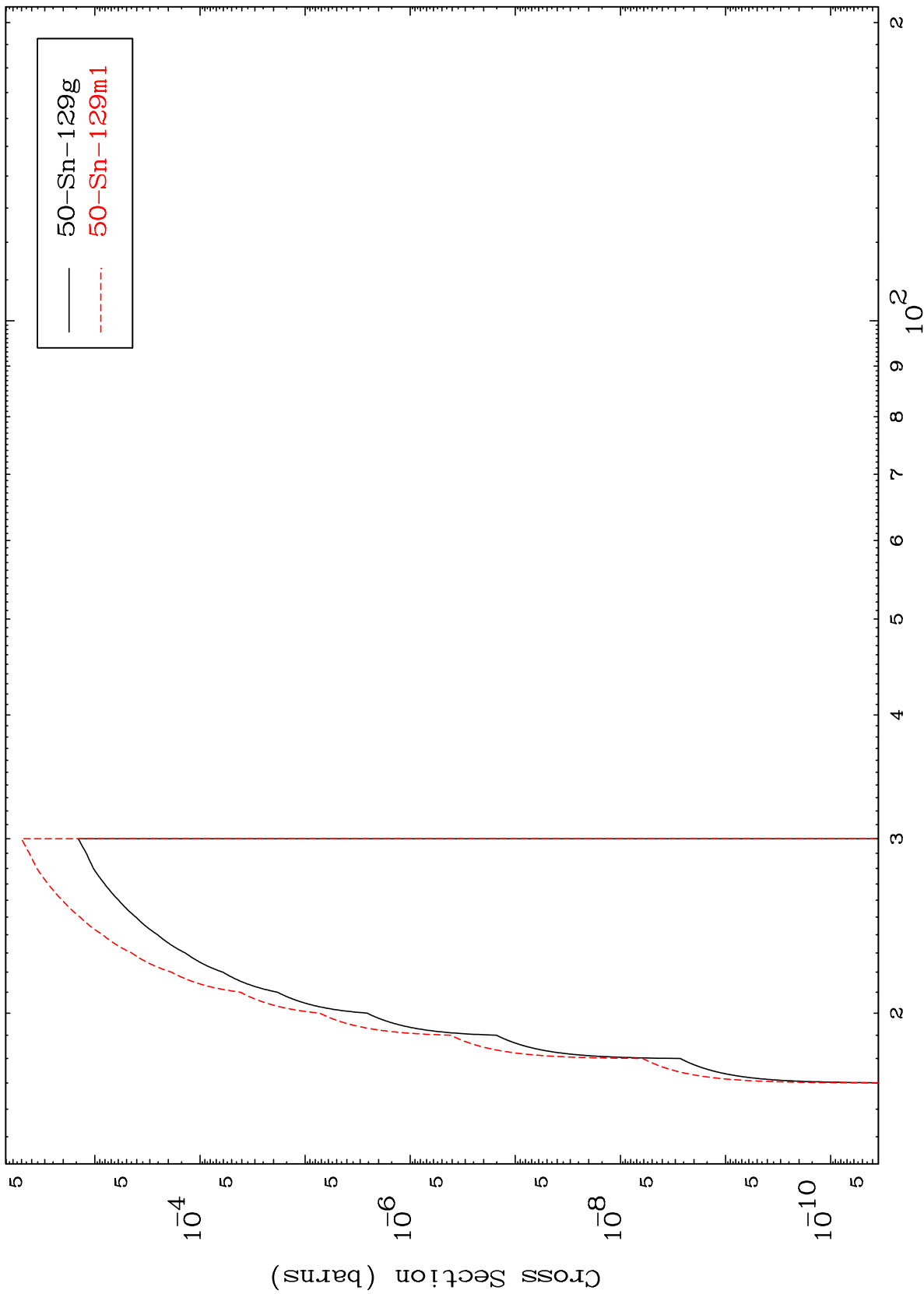
51-Sb-131

MAT 5155

(n,n') d

51-Sb-131

Radionuclide Production Cross Section



140

Incident Energy (MeV)

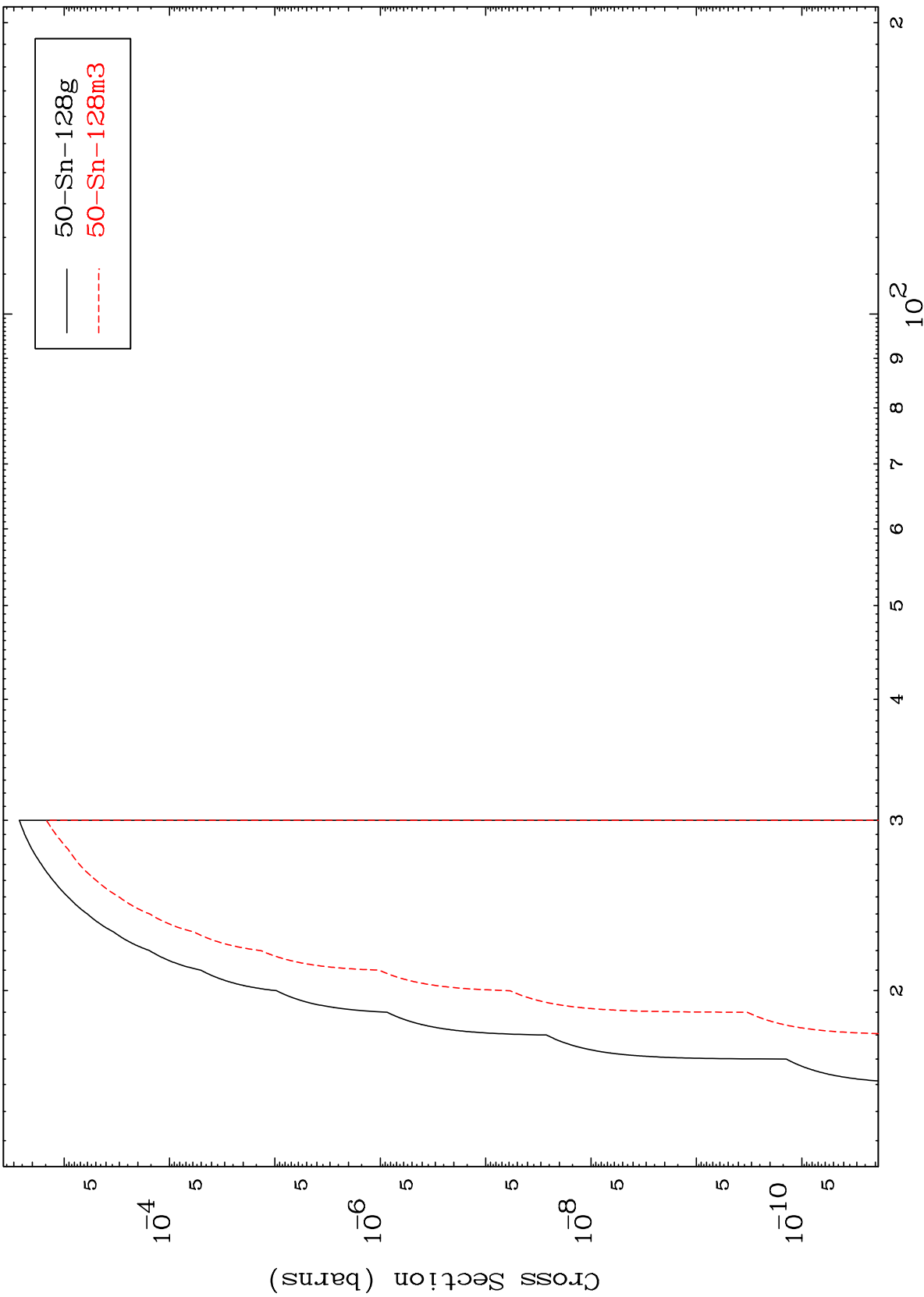
51-Sb-131

MAT 5155

(n,n') t

51-Sb-131

Radionuclide Production Cross Section



141

Incident Energy (MeV)

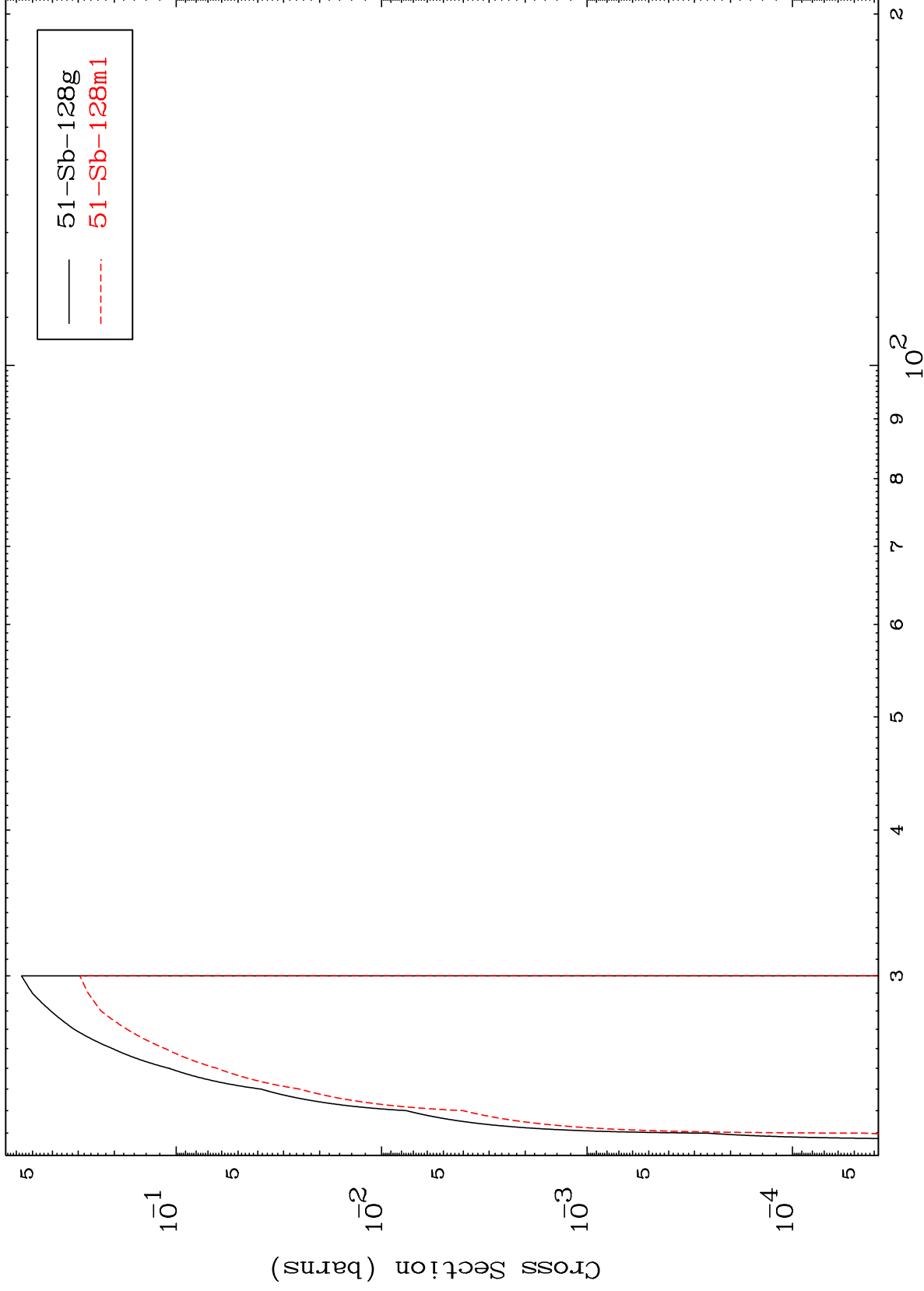
51-Sb-131

MAT 5155

(n,4n)

51-Sb-131

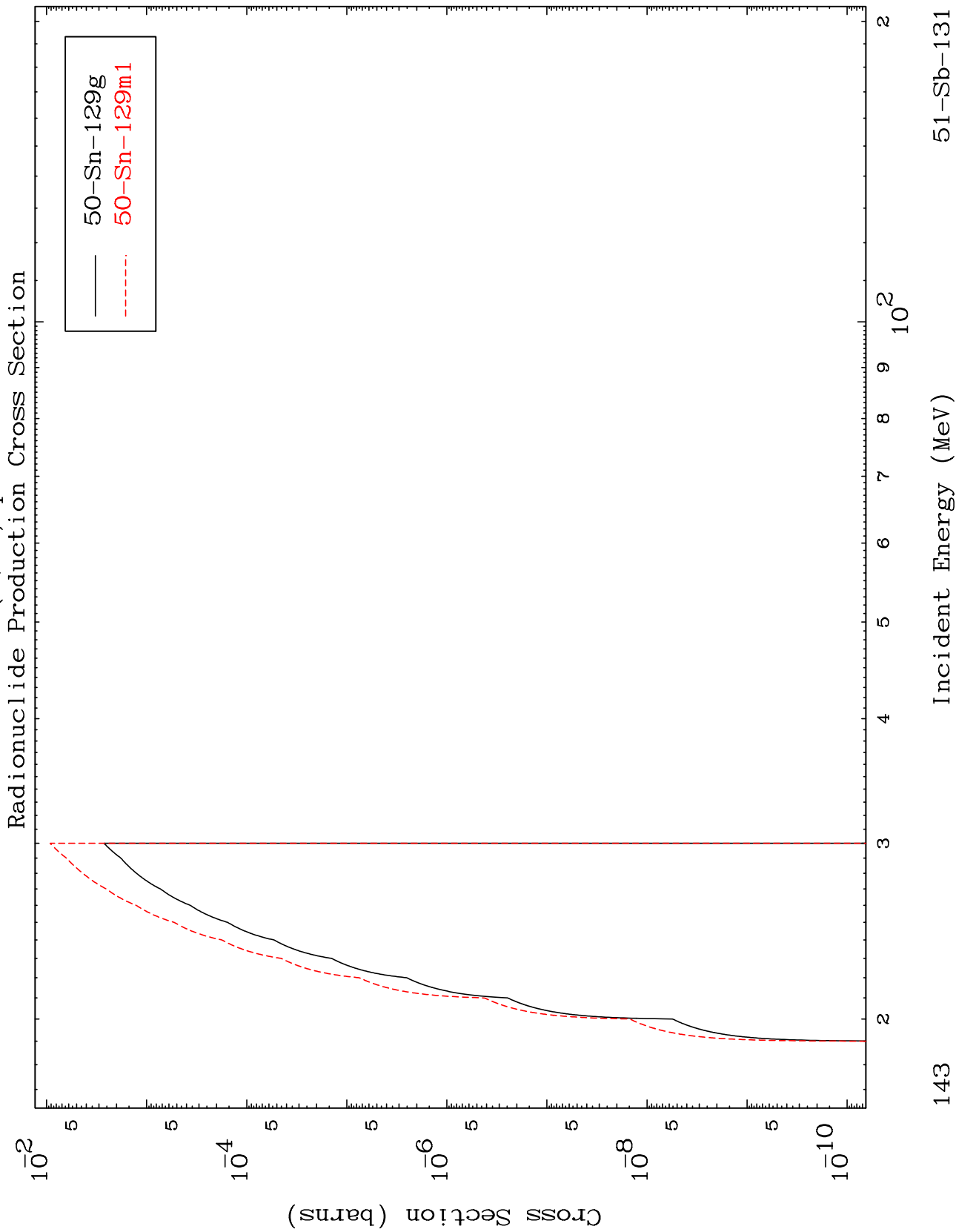
Radionuclide Production Cross Section



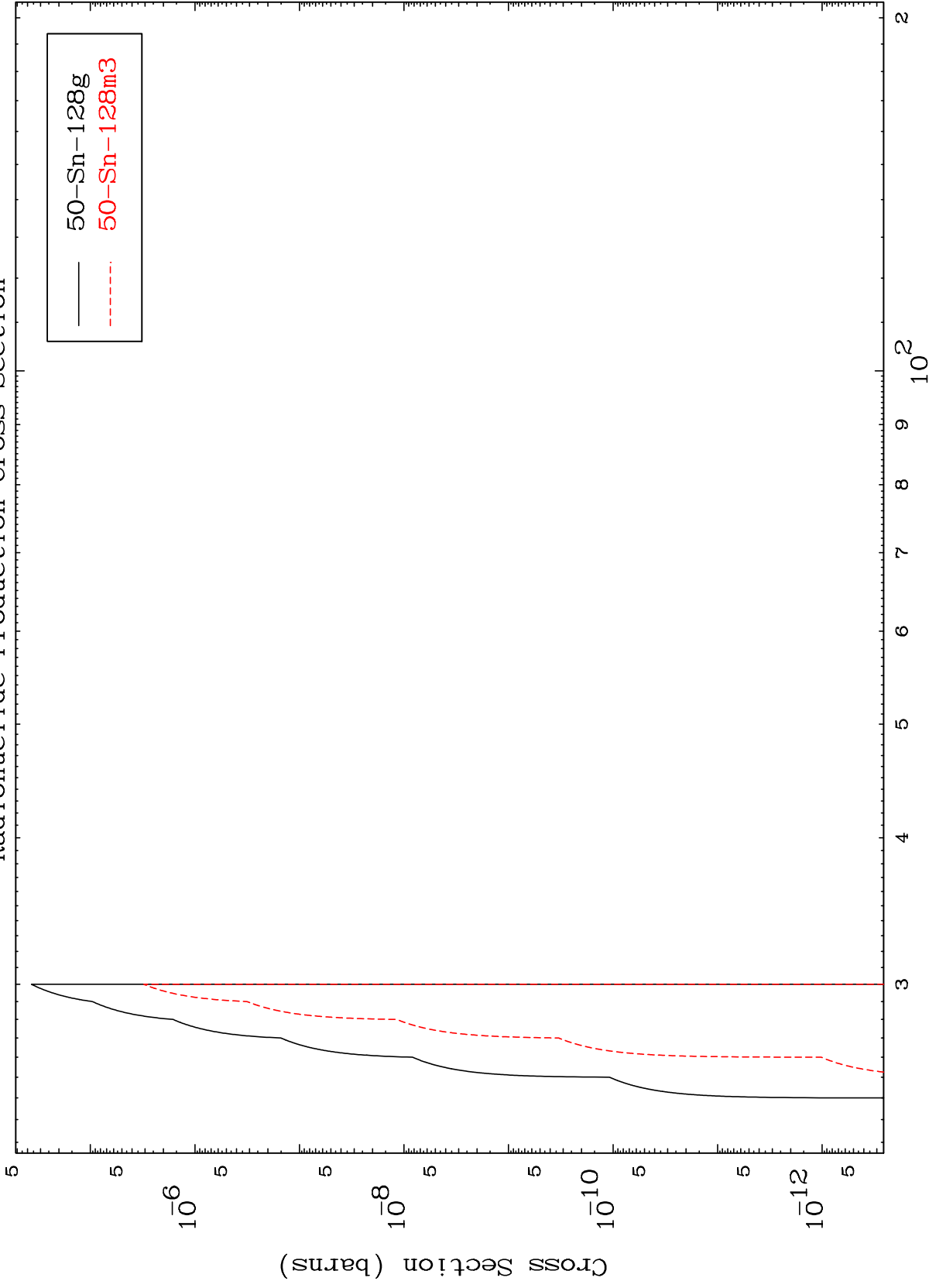
142

Incident Energy (MeV)

51-Sb-131



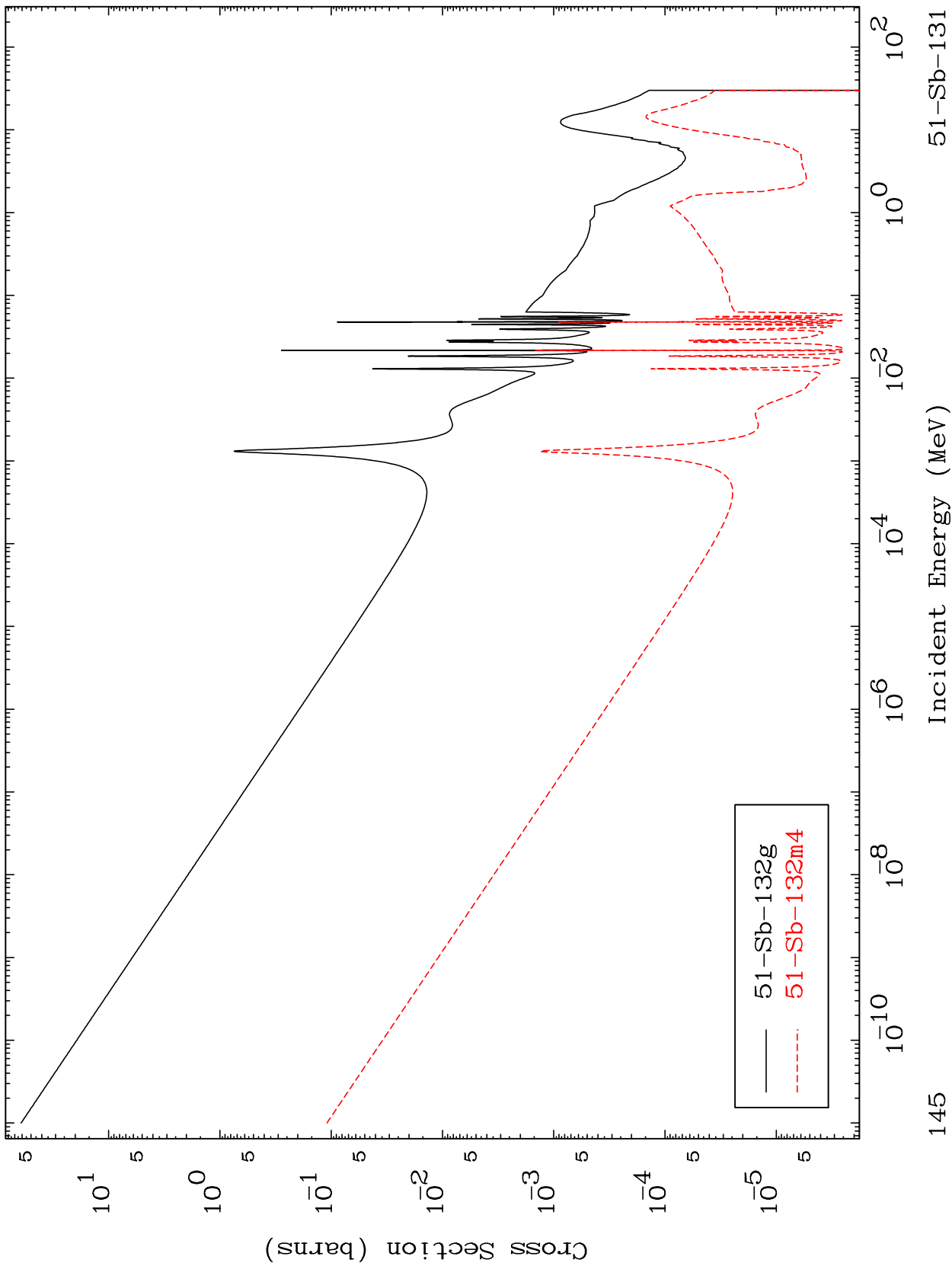
Radionuclide Production Cross Section



MAT 5155

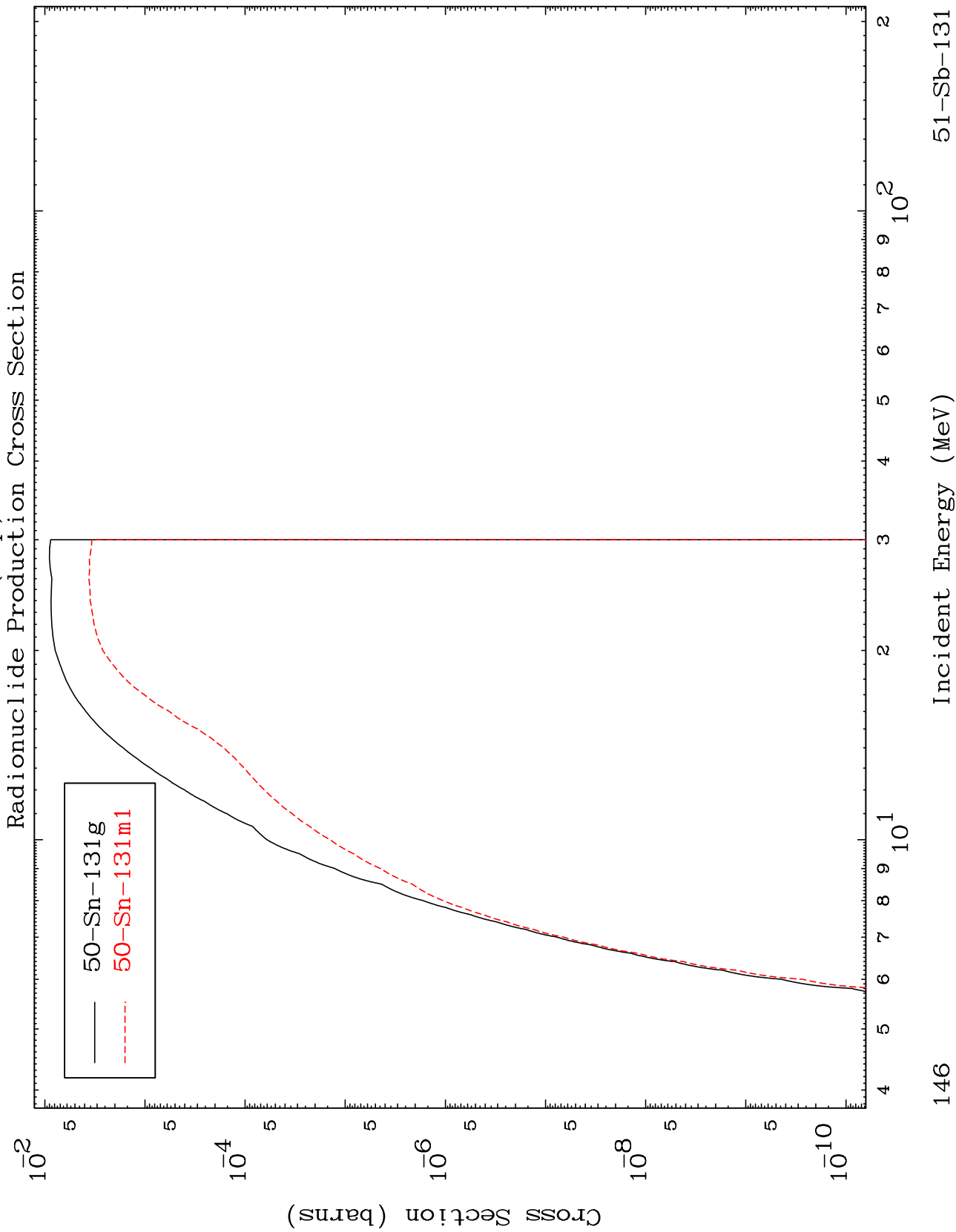
51-Sb-131

(n,γ)
Radionuclide Production Cross Section



MAT 5155

51-Sb-131



51-Sb-131

Incident Energy (MeV)

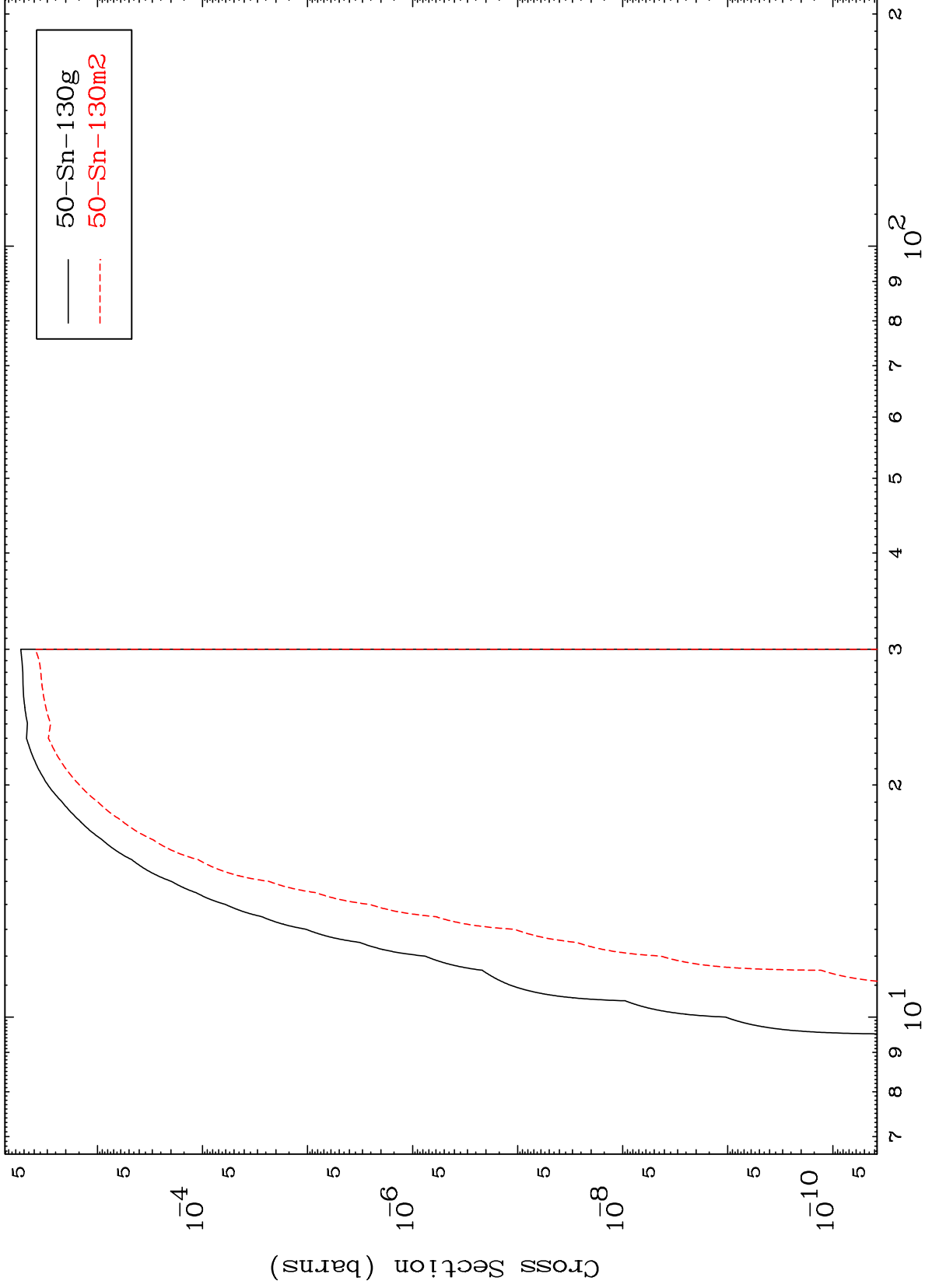
146

MAT 5155

(n,d)

51-Sb-131

Radionuclide Production Cross Section



147

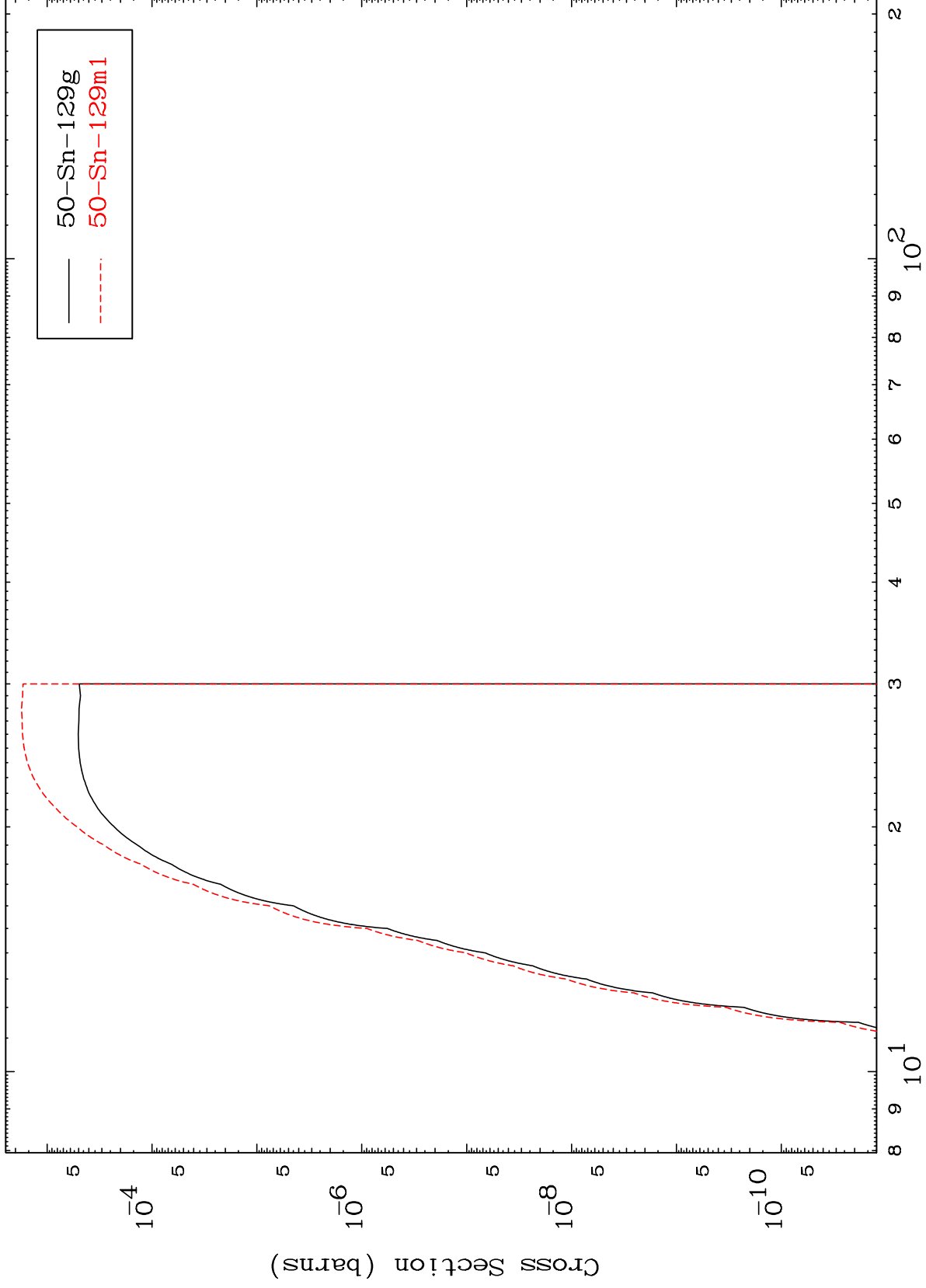
Incident Energy (MeV)

51-Sb-131

MAT 5155

51-Sb-131

(n,t)
Radionuclide Production Cross Section

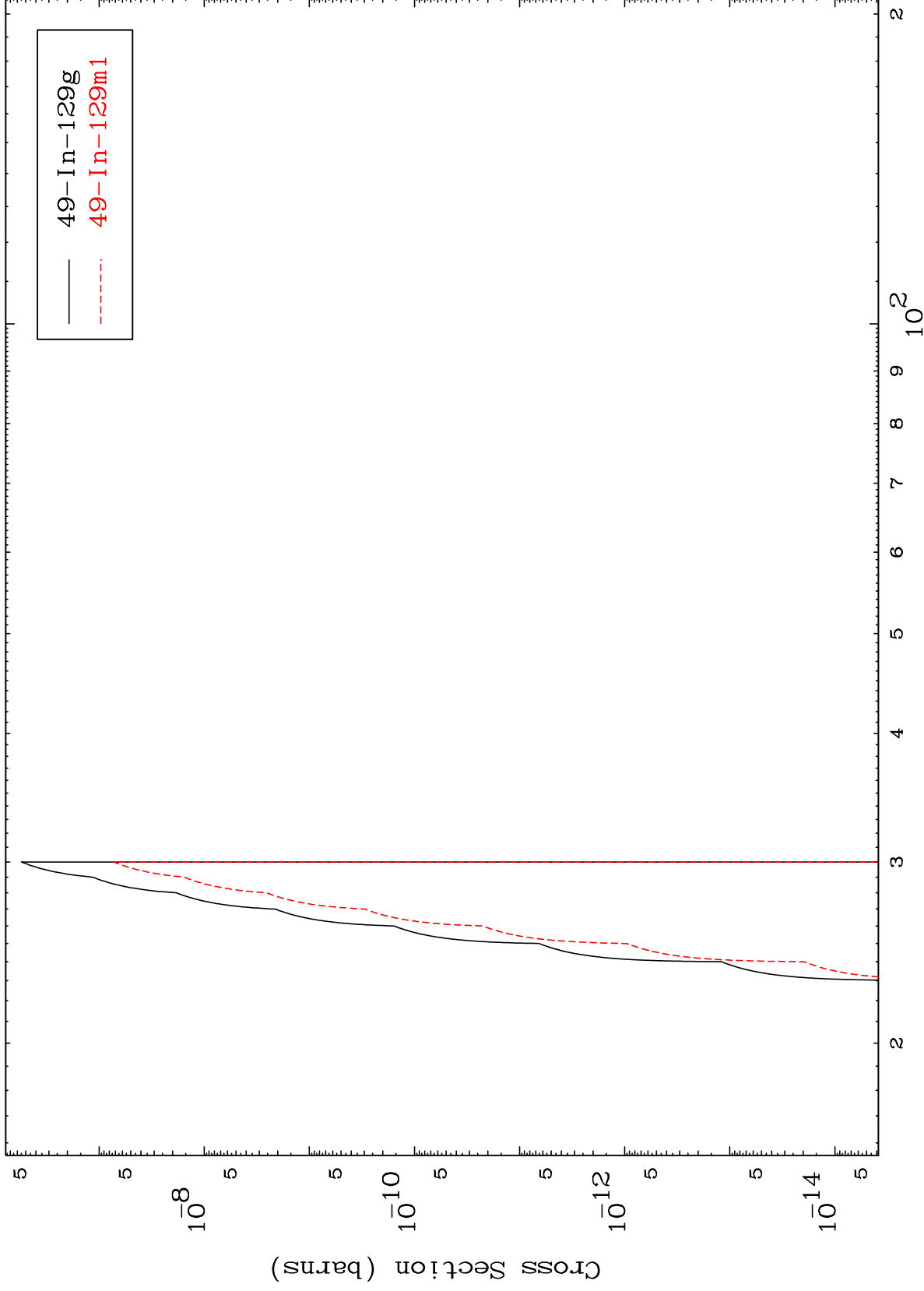


51-Sb-131

Incident Energy (MeV)

148

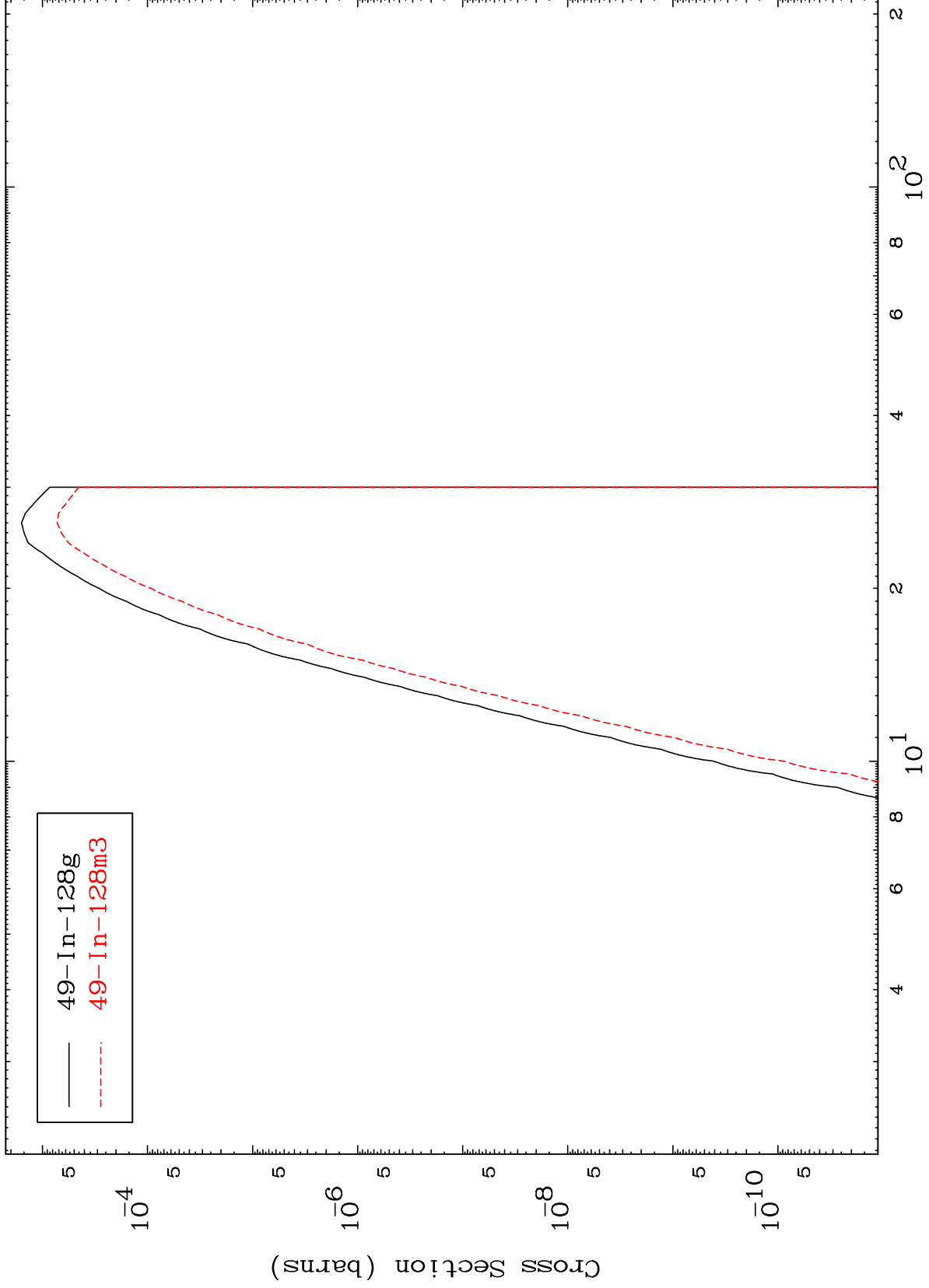
Radionuclide Production Cross Section



MAT 5155

51-Sb-131

(n, α)
Radionuclide Production Cross Section



51-Sb-131

Incident Energy (MeV)

150