

Program EVALPLOT  
(Version 2015-2)

by

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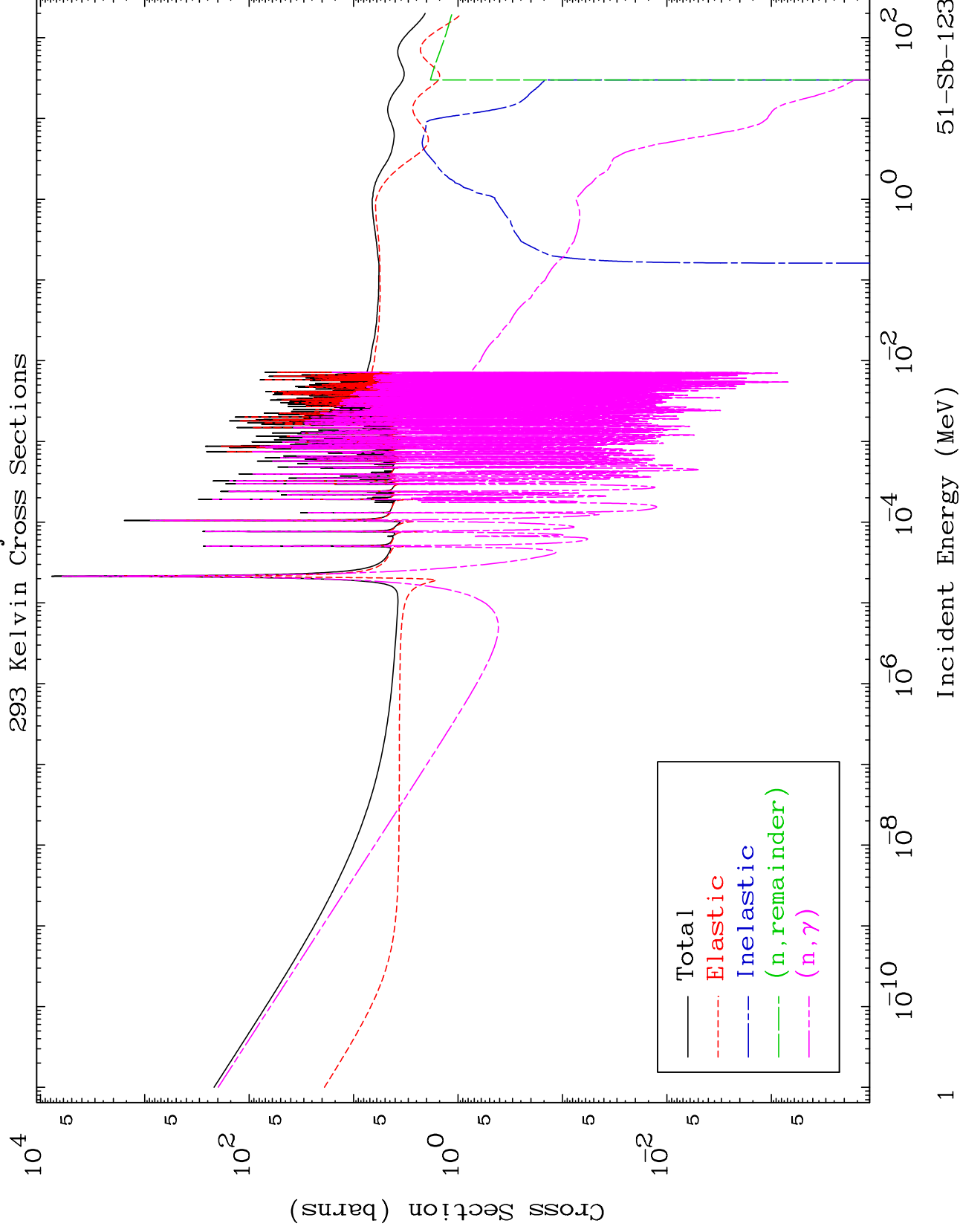
Press Mouse Button to Start

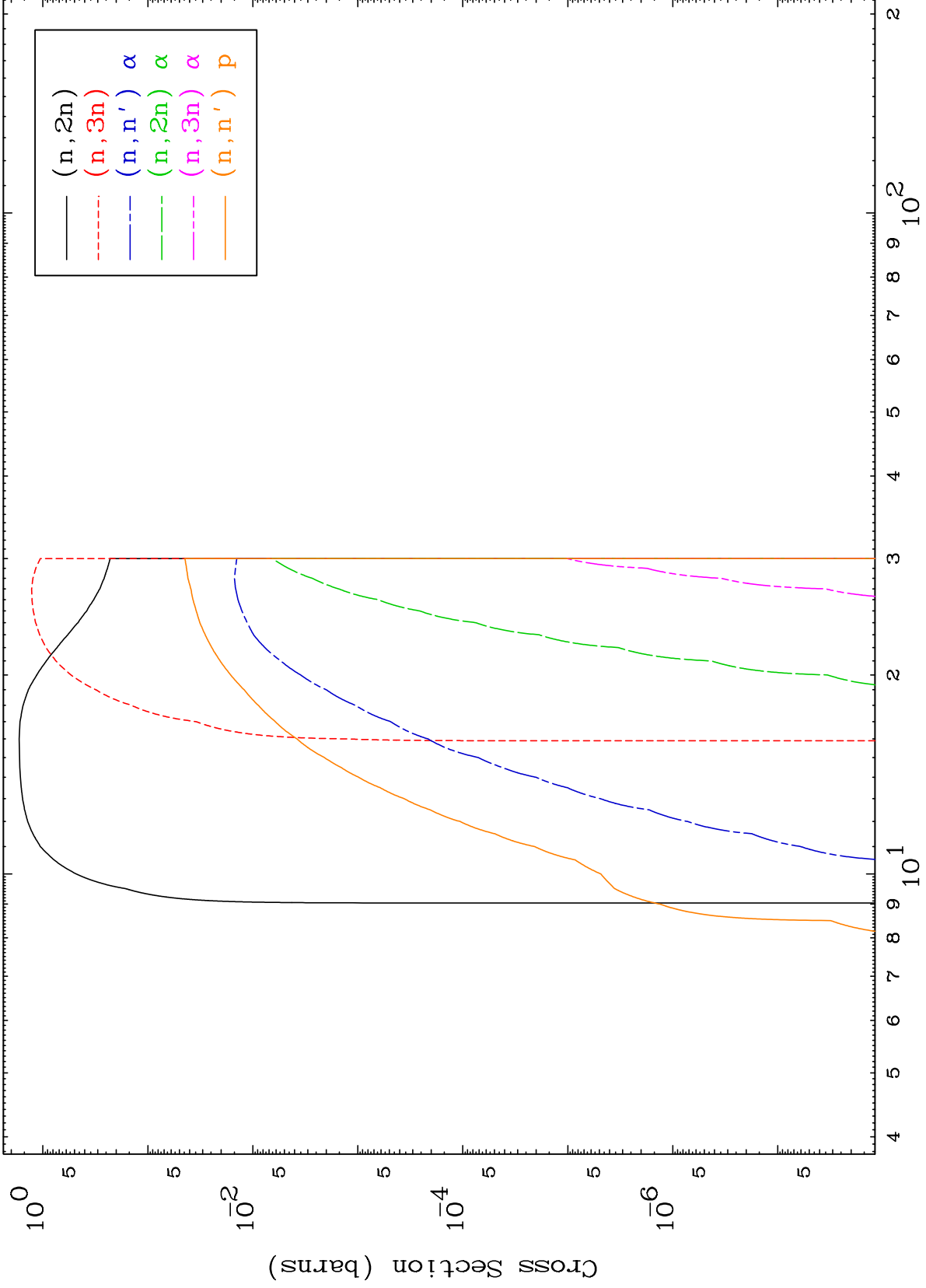
MAT 5131

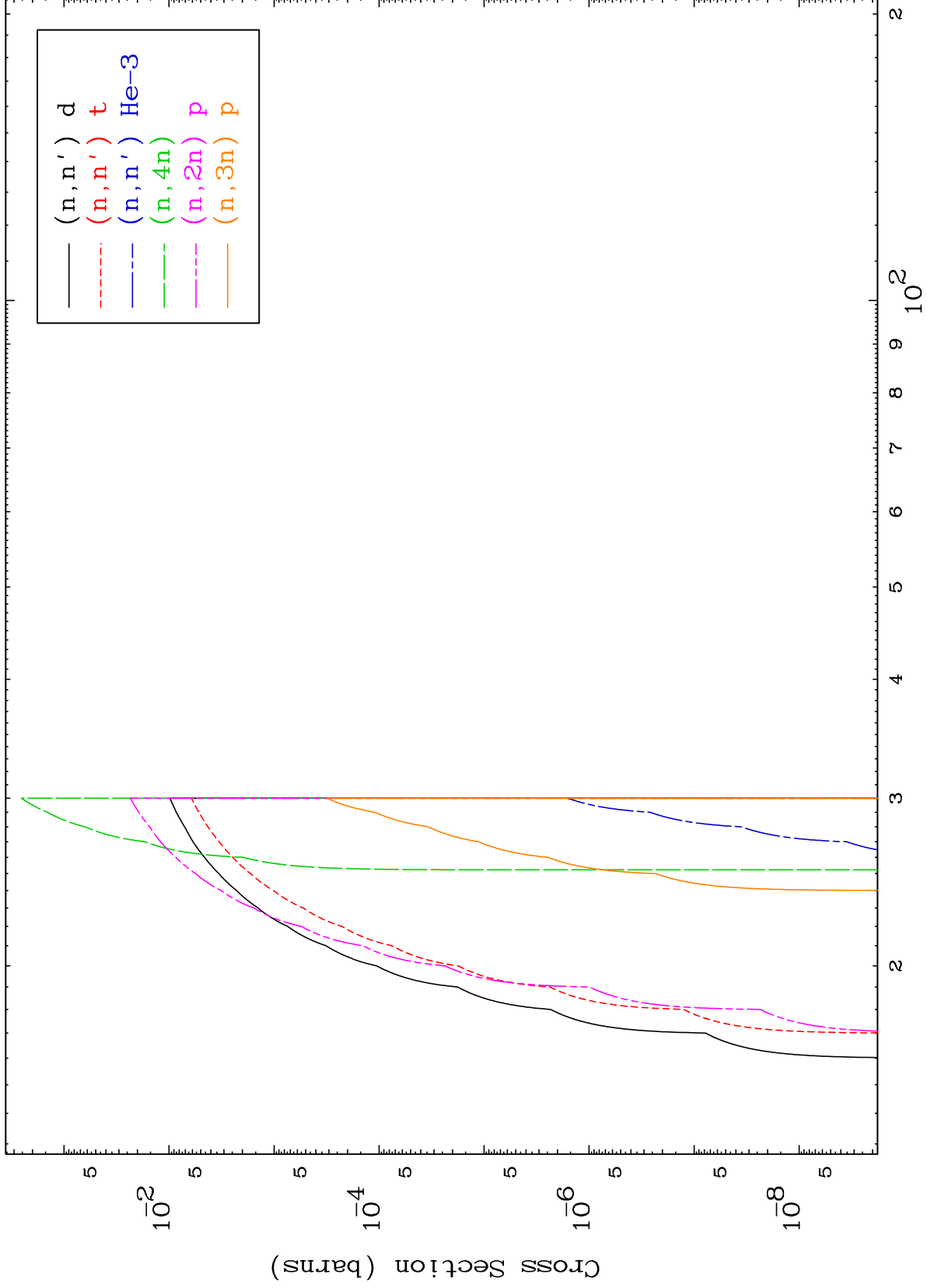
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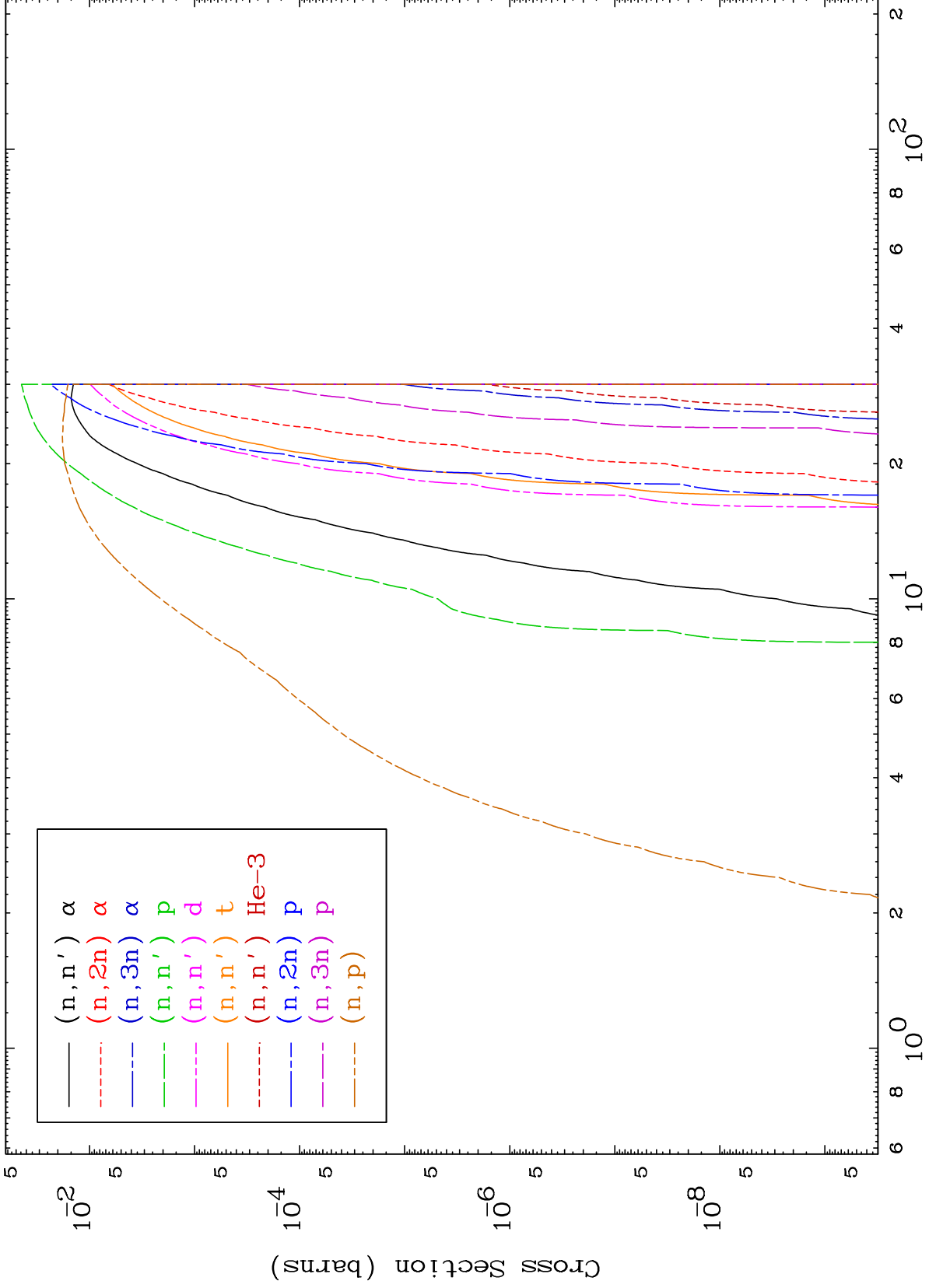
293 Kelvin Cross Sections

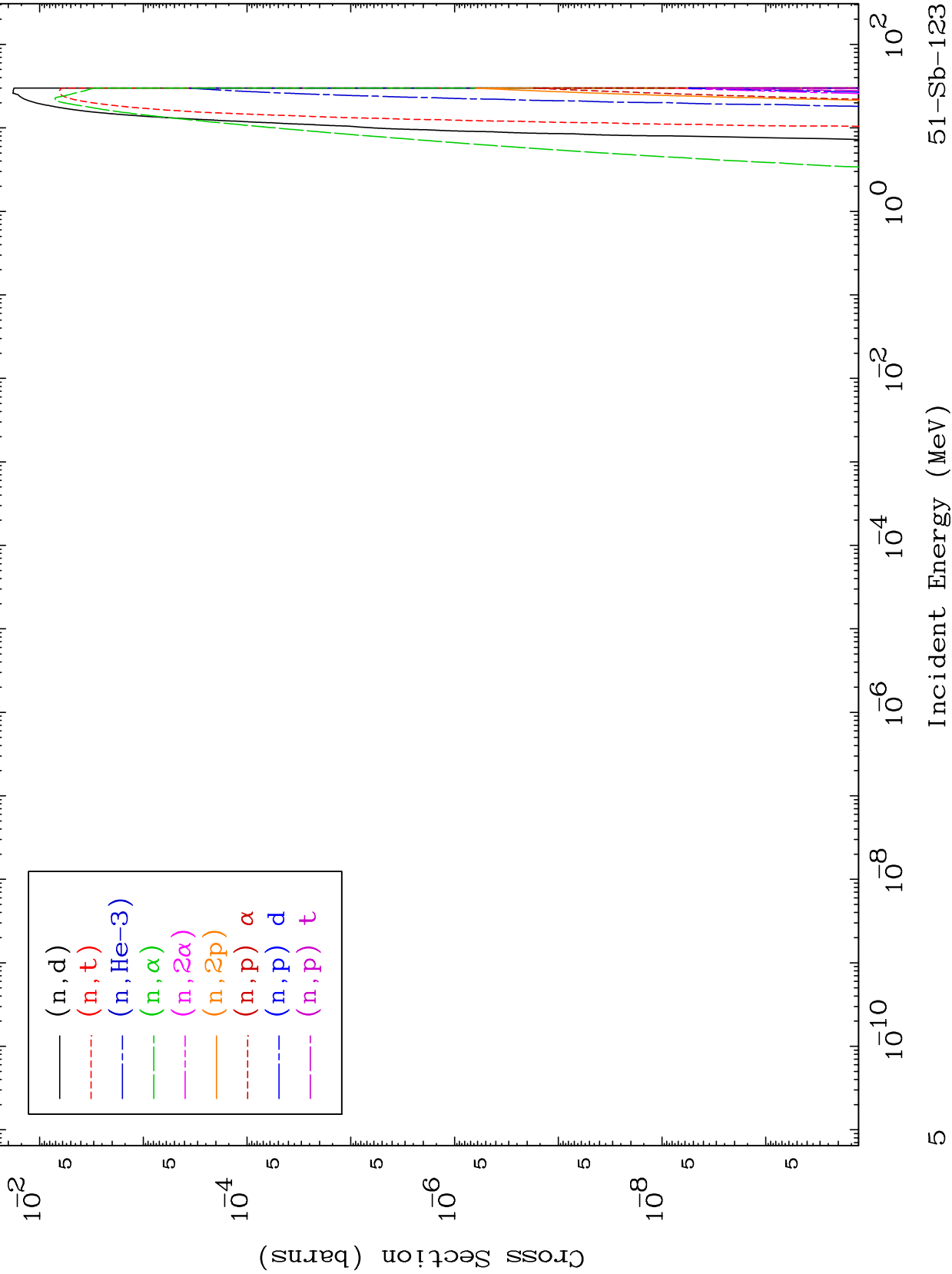
51-Sb-123







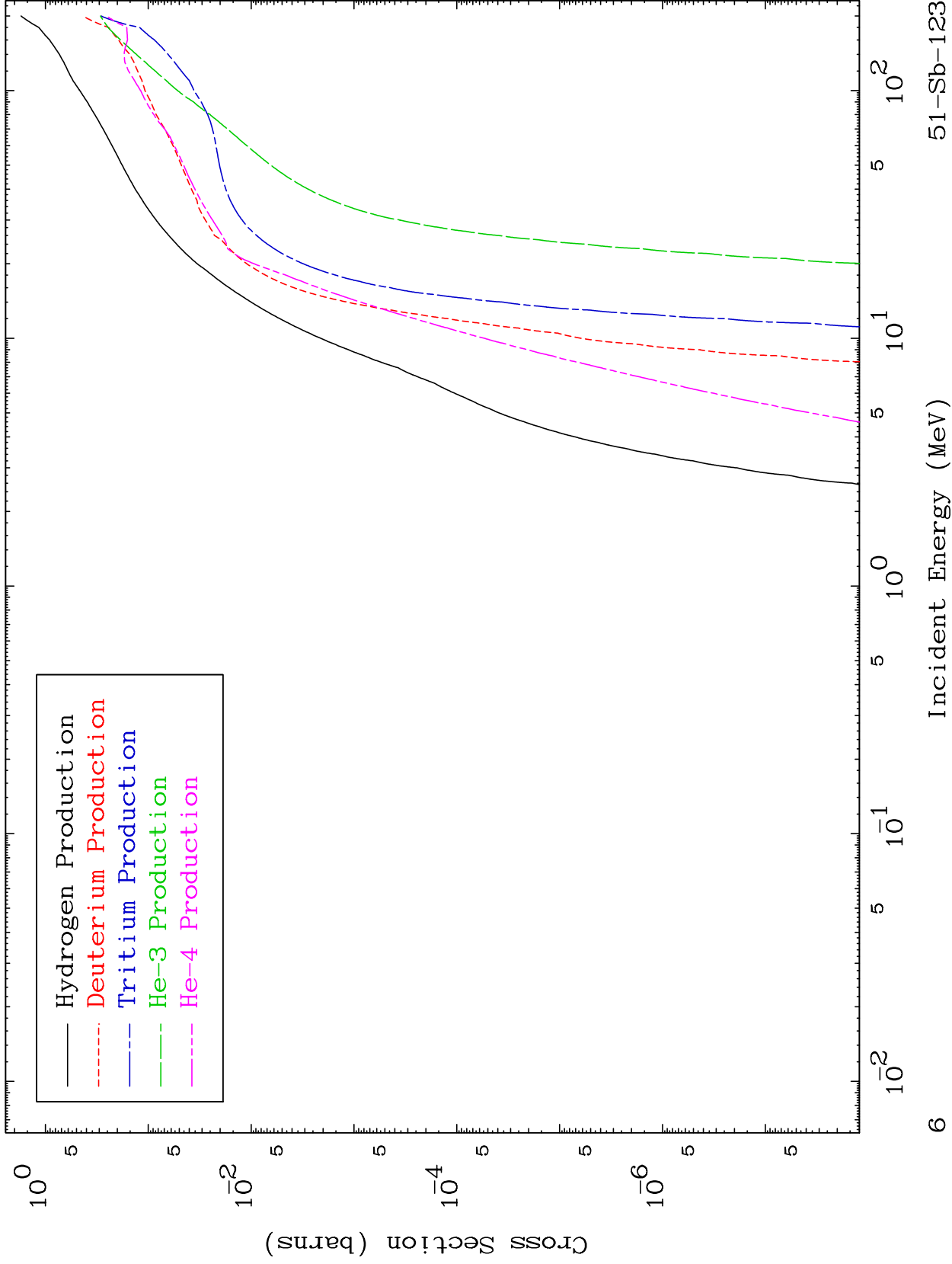




MAT 5131

Particle Production  
293 Kelvin Cross Sections

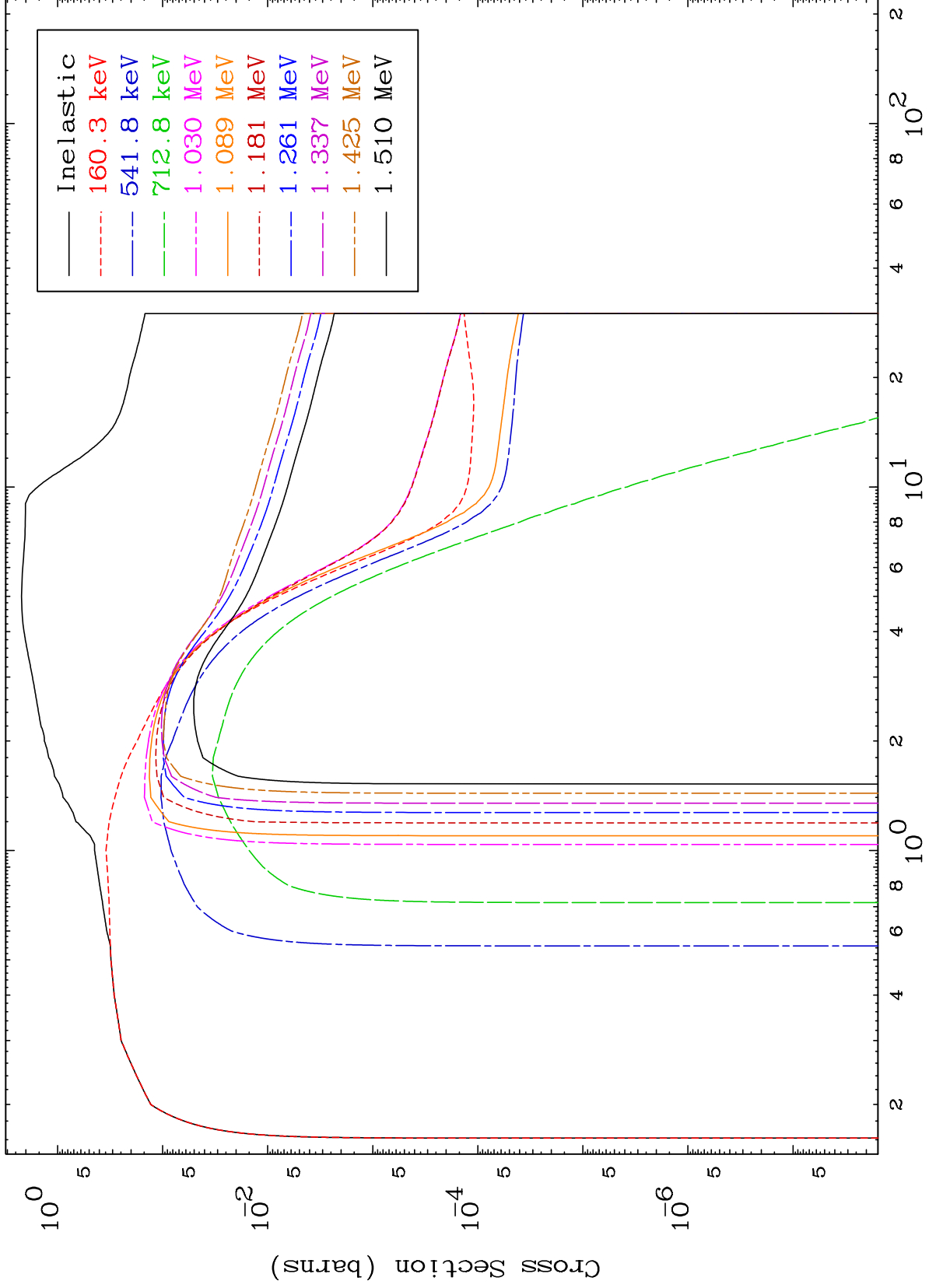
51-Sb-123



51-Sb-123

Incident Energy (MeV)

6

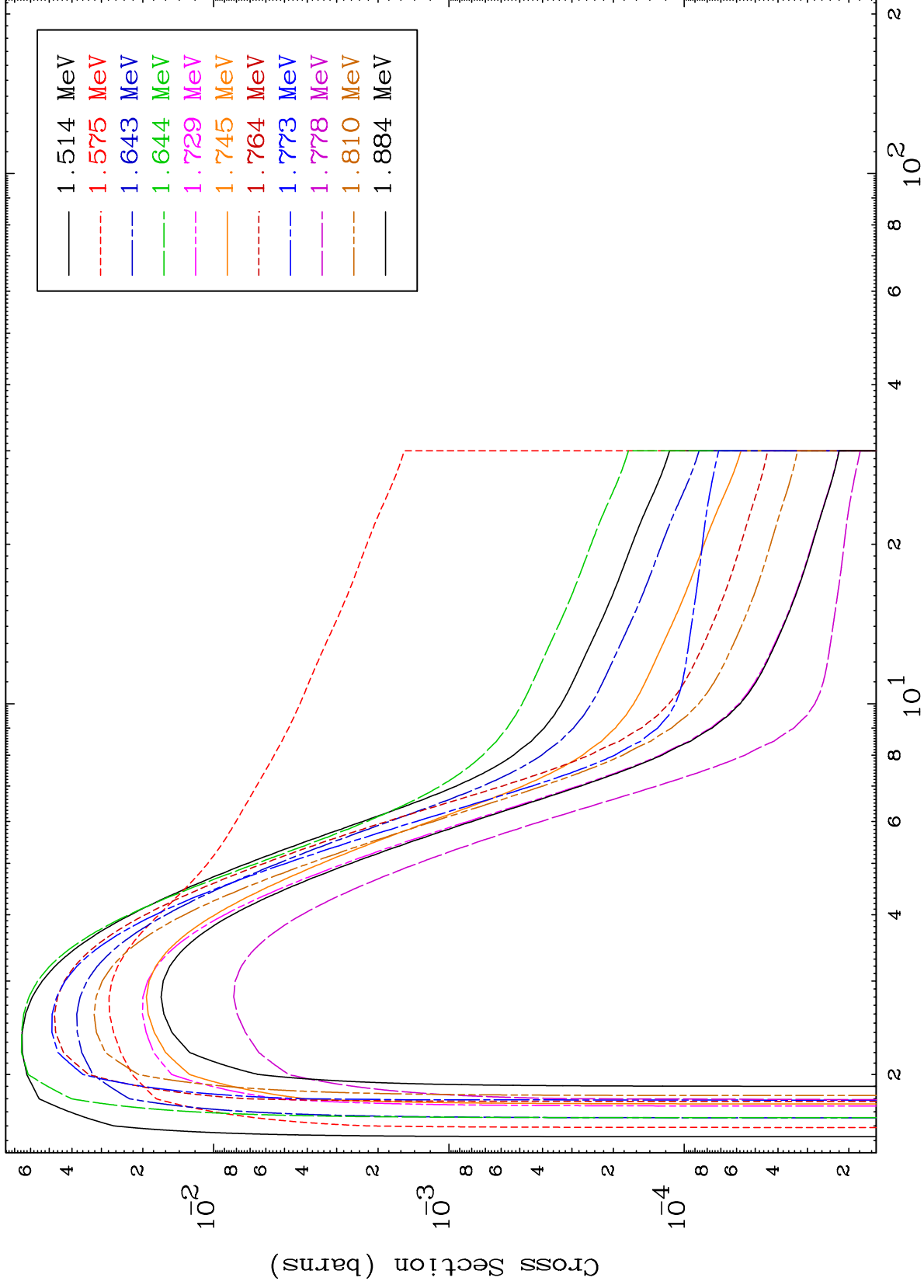




MAT 5131

(n,n') Level  
293 Kelvin Cross Sections

51-Sb-123

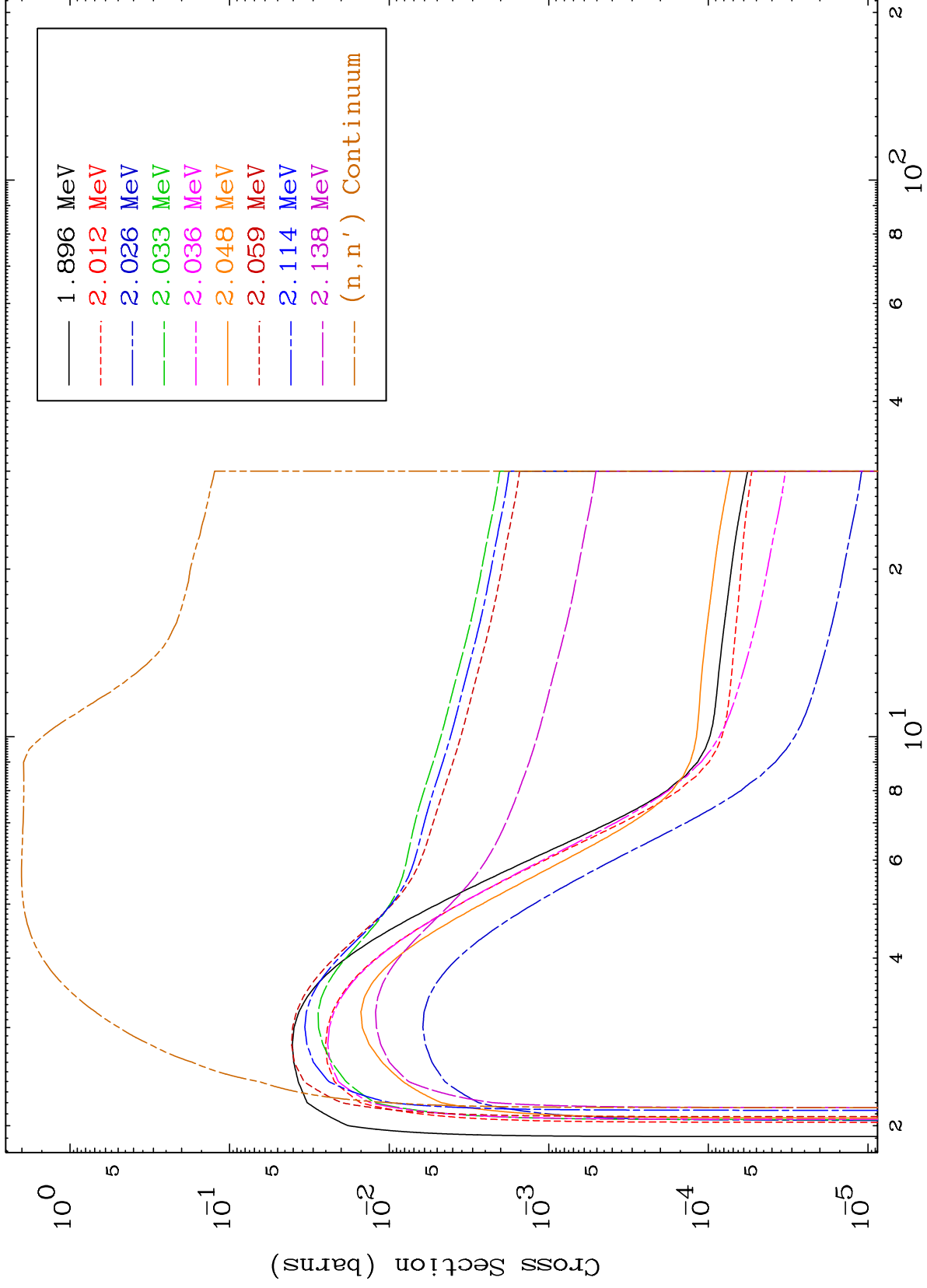


8

Incident Energy (MeV)

51-Sb-123

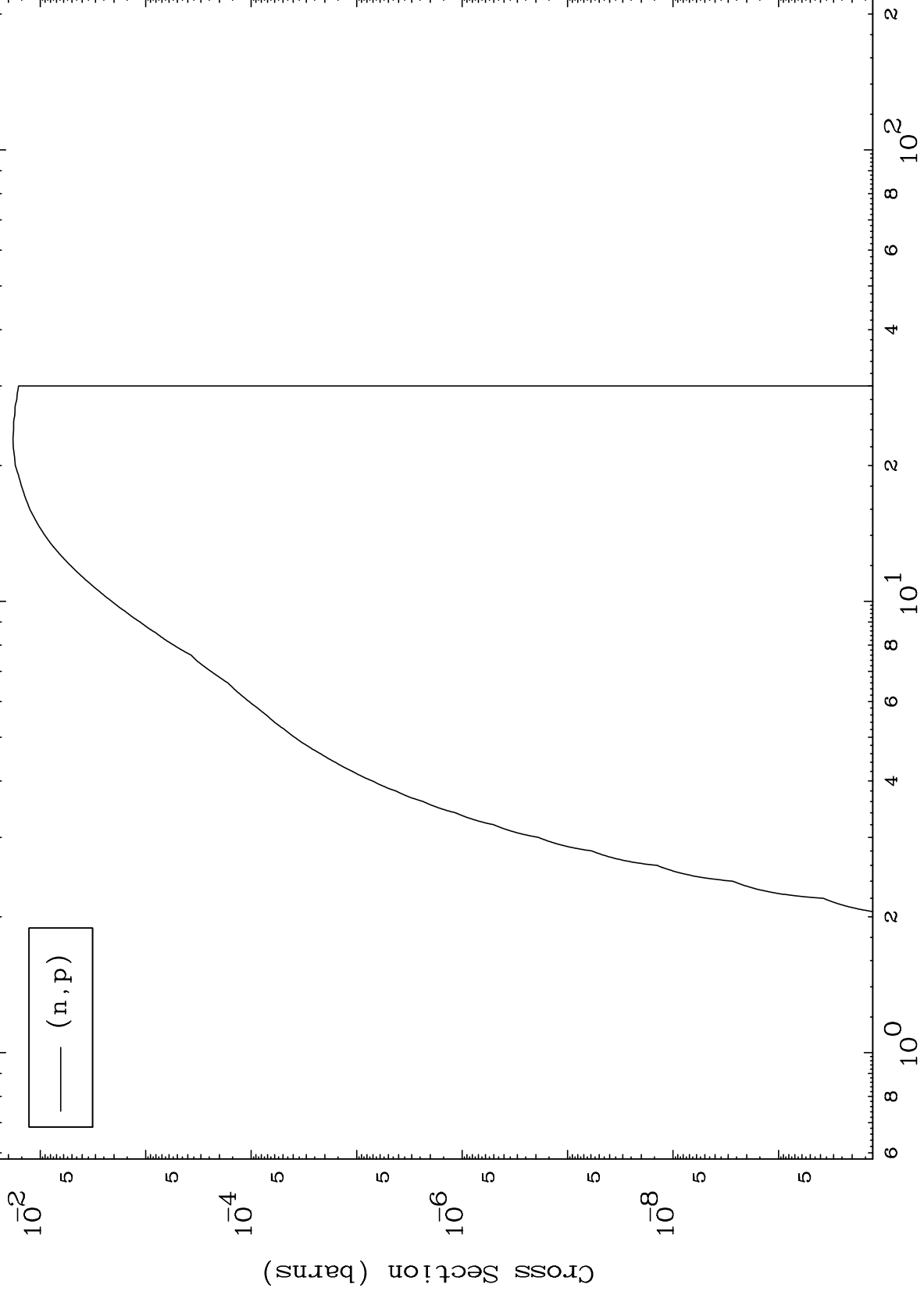
293 Kelvin Cross Sections



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(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-123



10

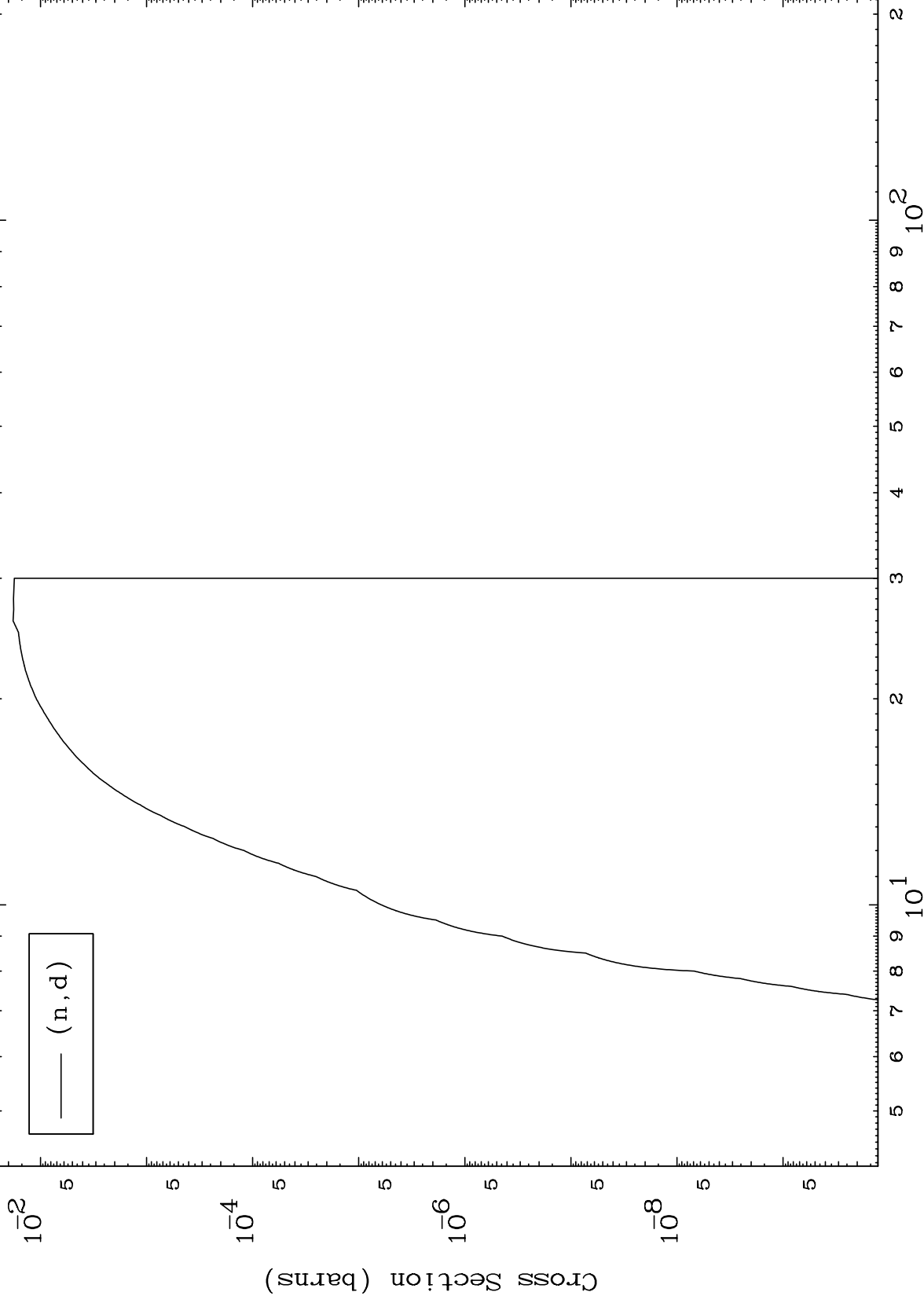
Incident Energy (MeV)

51-Sb-123

MAT 5131

(n,d) Levels  
293 Kelvin Cross Sections

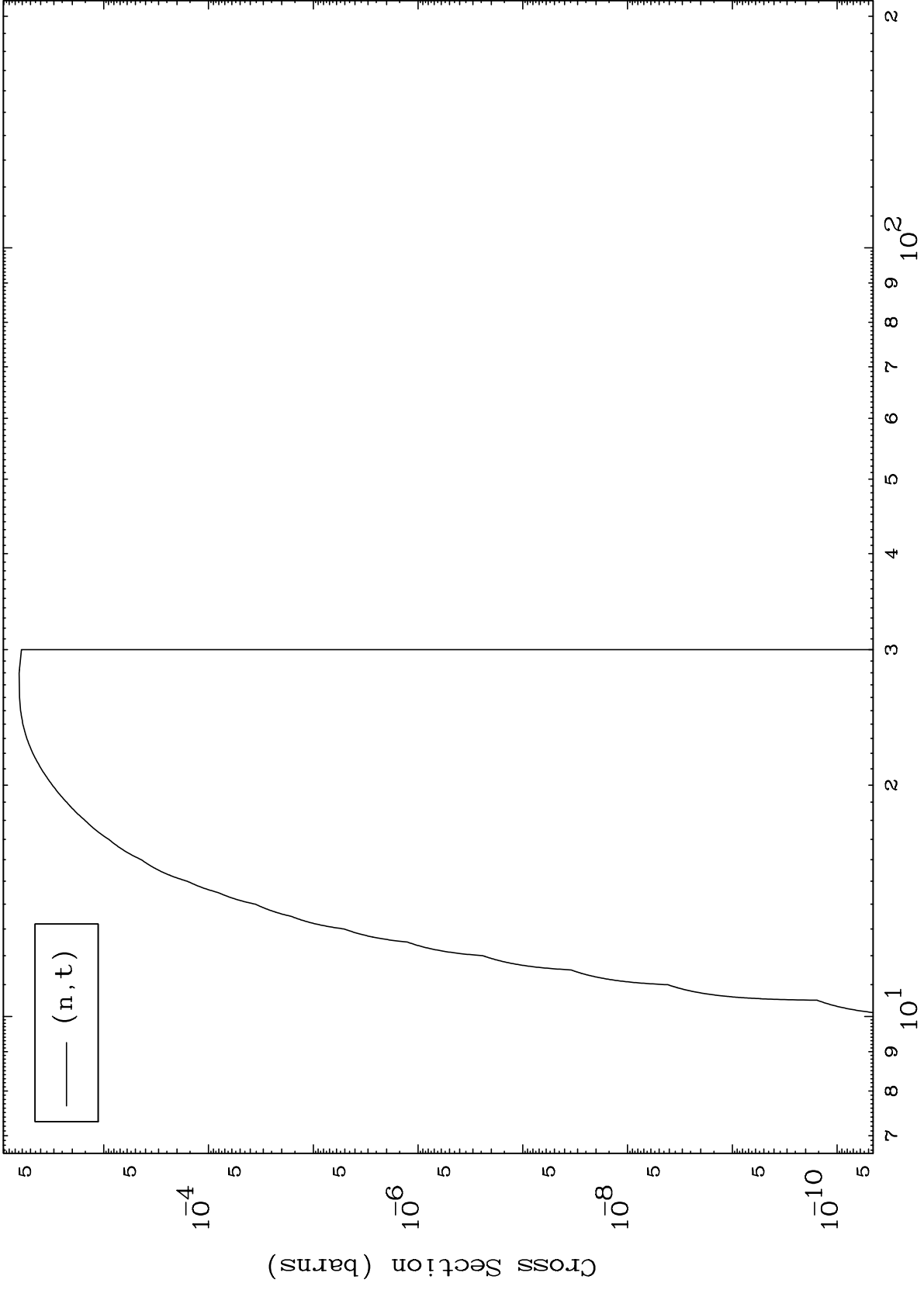
51-Sb-123



MAT 5131

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-123



12

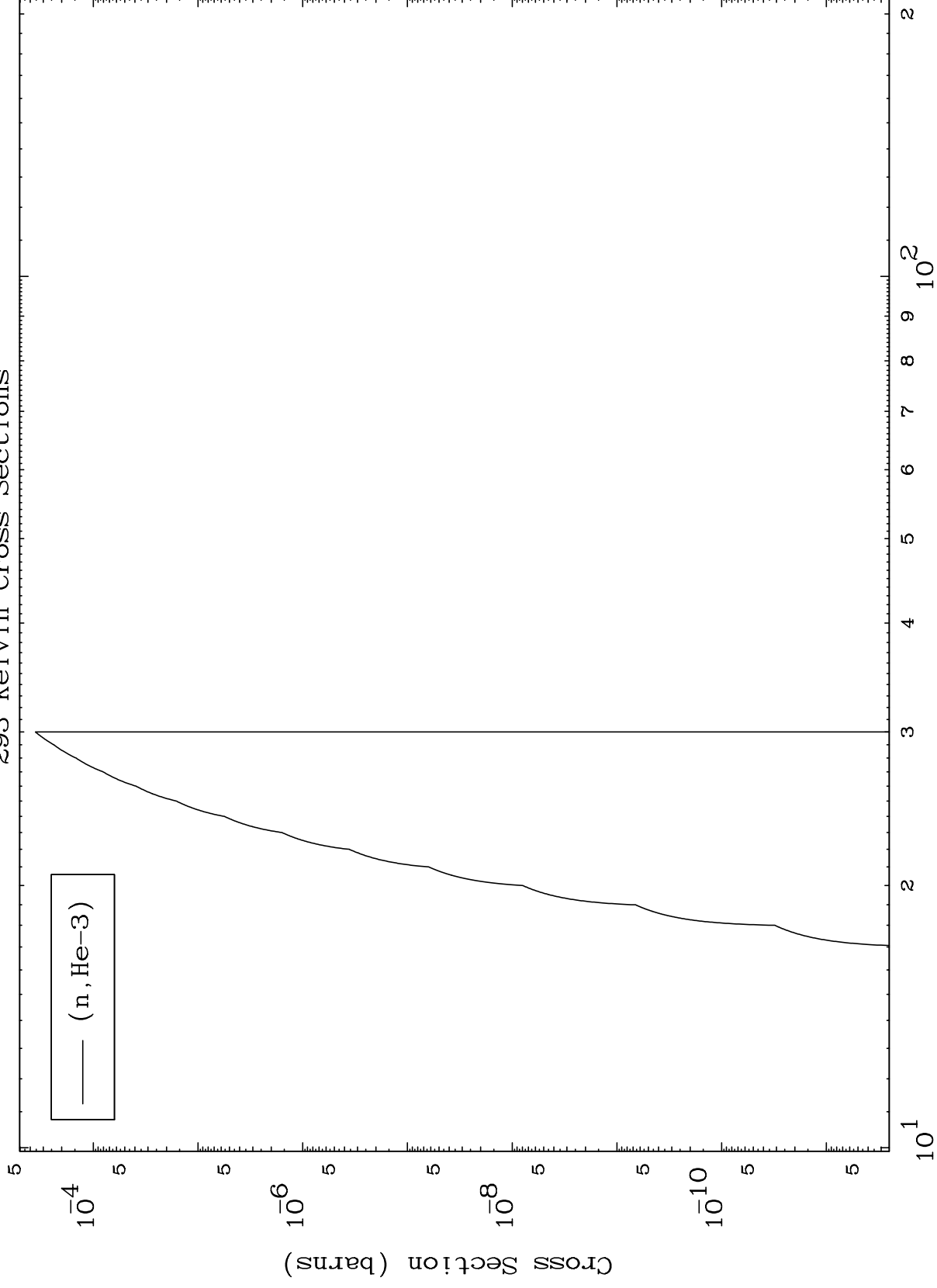
Incident Energy (MeV)

51-Sb-123

MAT 5131

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-123



Incident Energy (MeV)

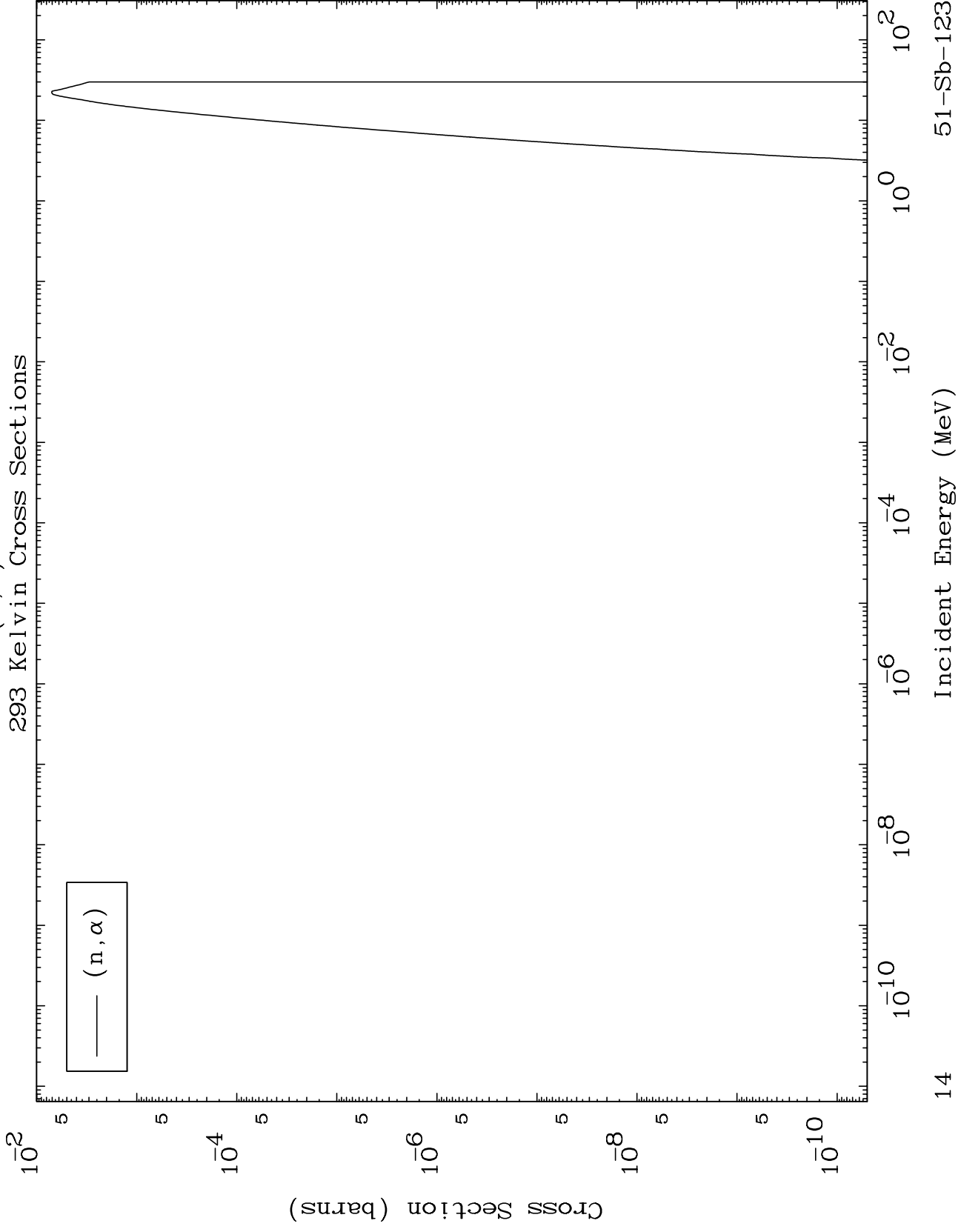
51-Sb-123

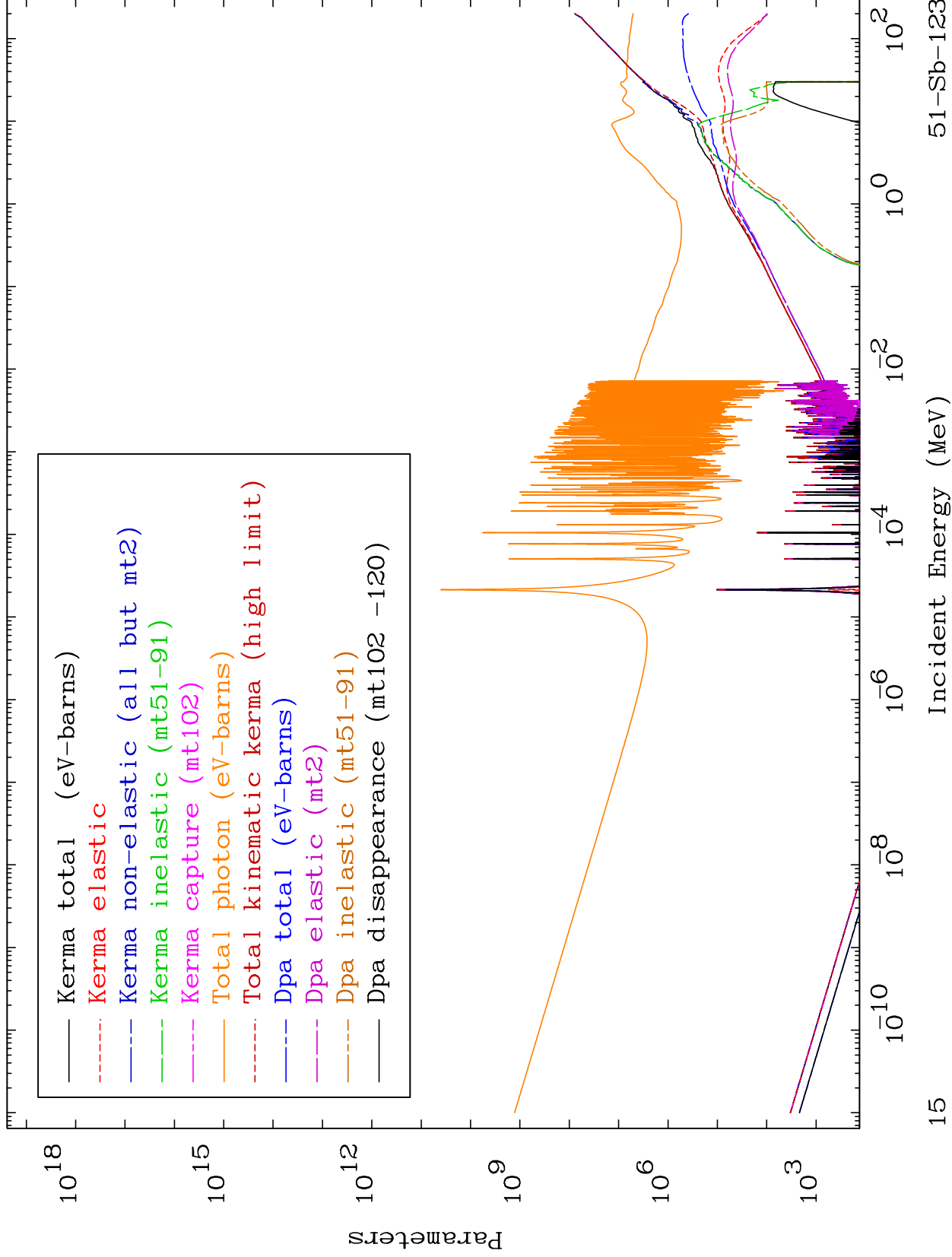
13

MAT 5131

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

51-Sb-123



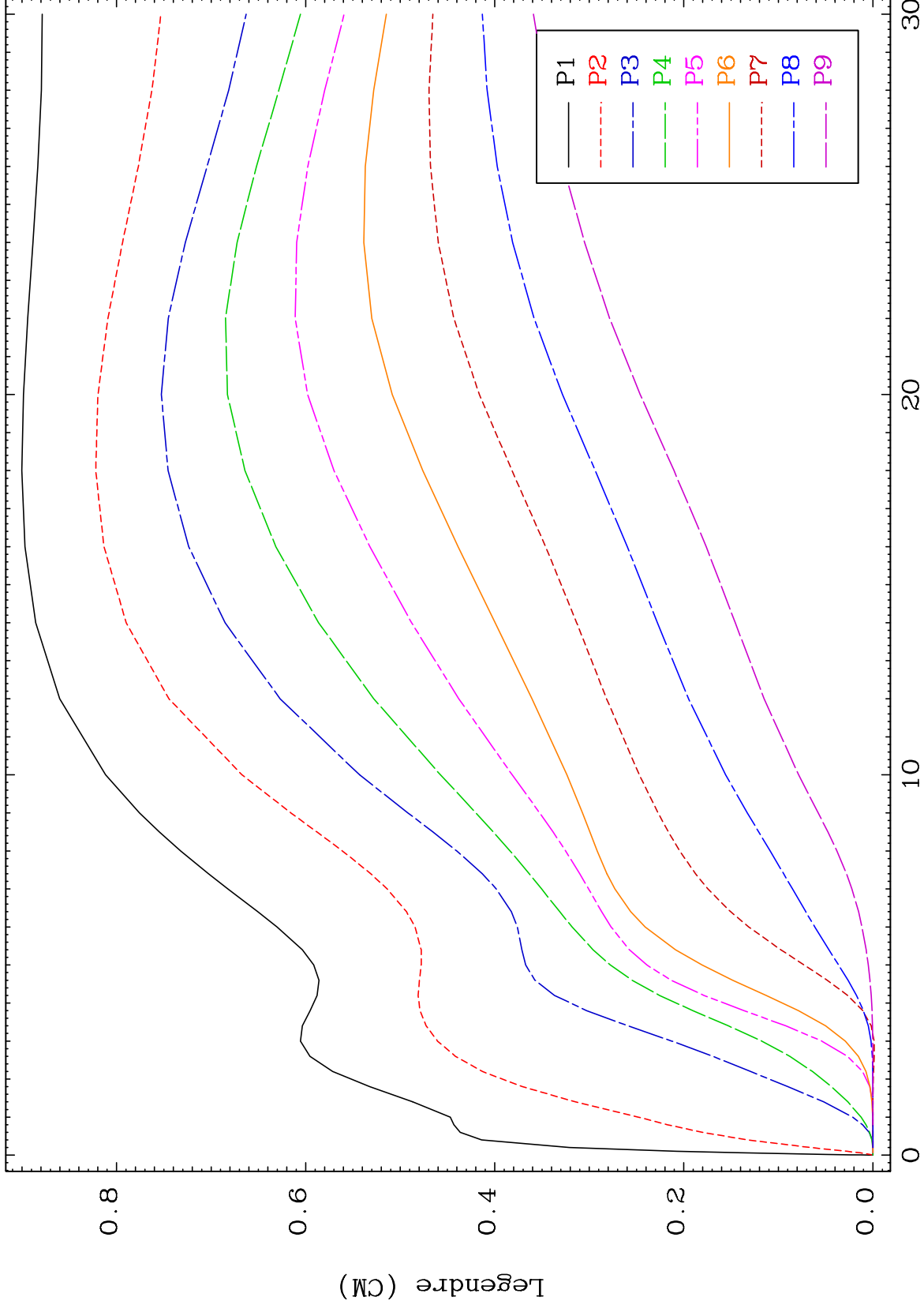




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Elastic Legendre Coefficients

51-Sb-123



16

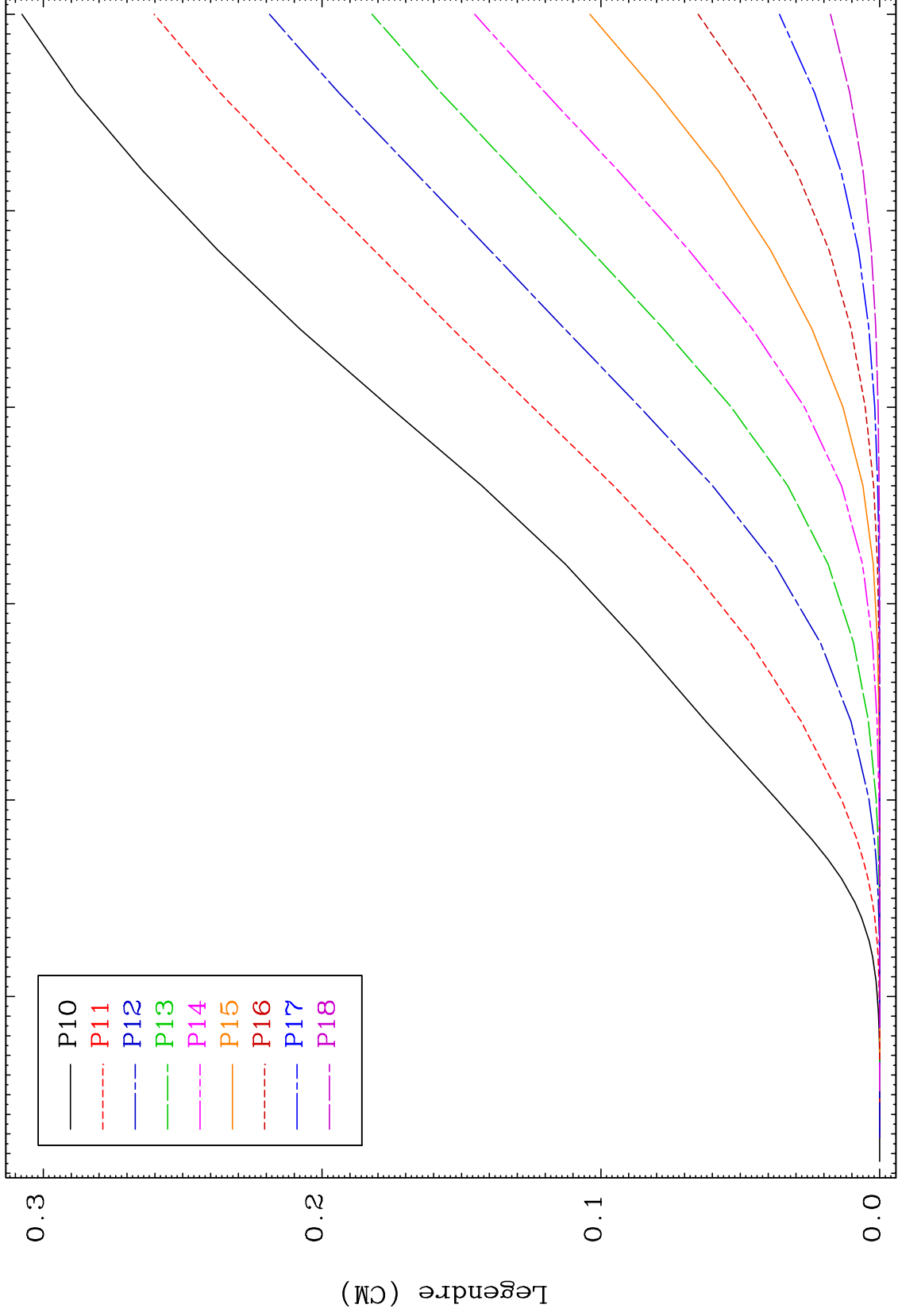
Incident Energy (MeV)

51-Sb-123

MAT 5131

Elastic  
Legendre Coefficients

51-Sb-123



17

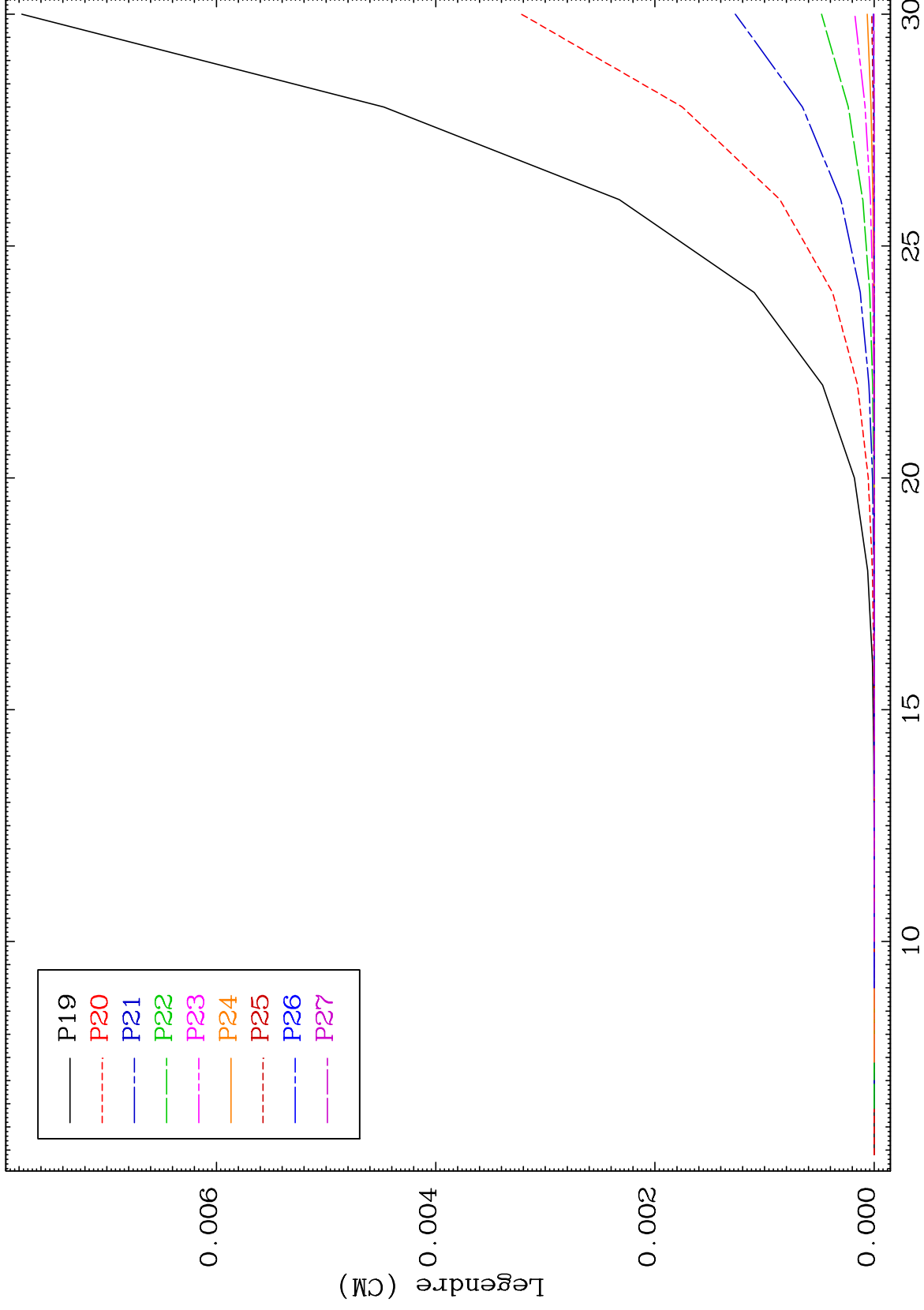
Incident Energy (MeV)

51-Sb-123

MAT 5131

### Elastic Legendre Coefficients

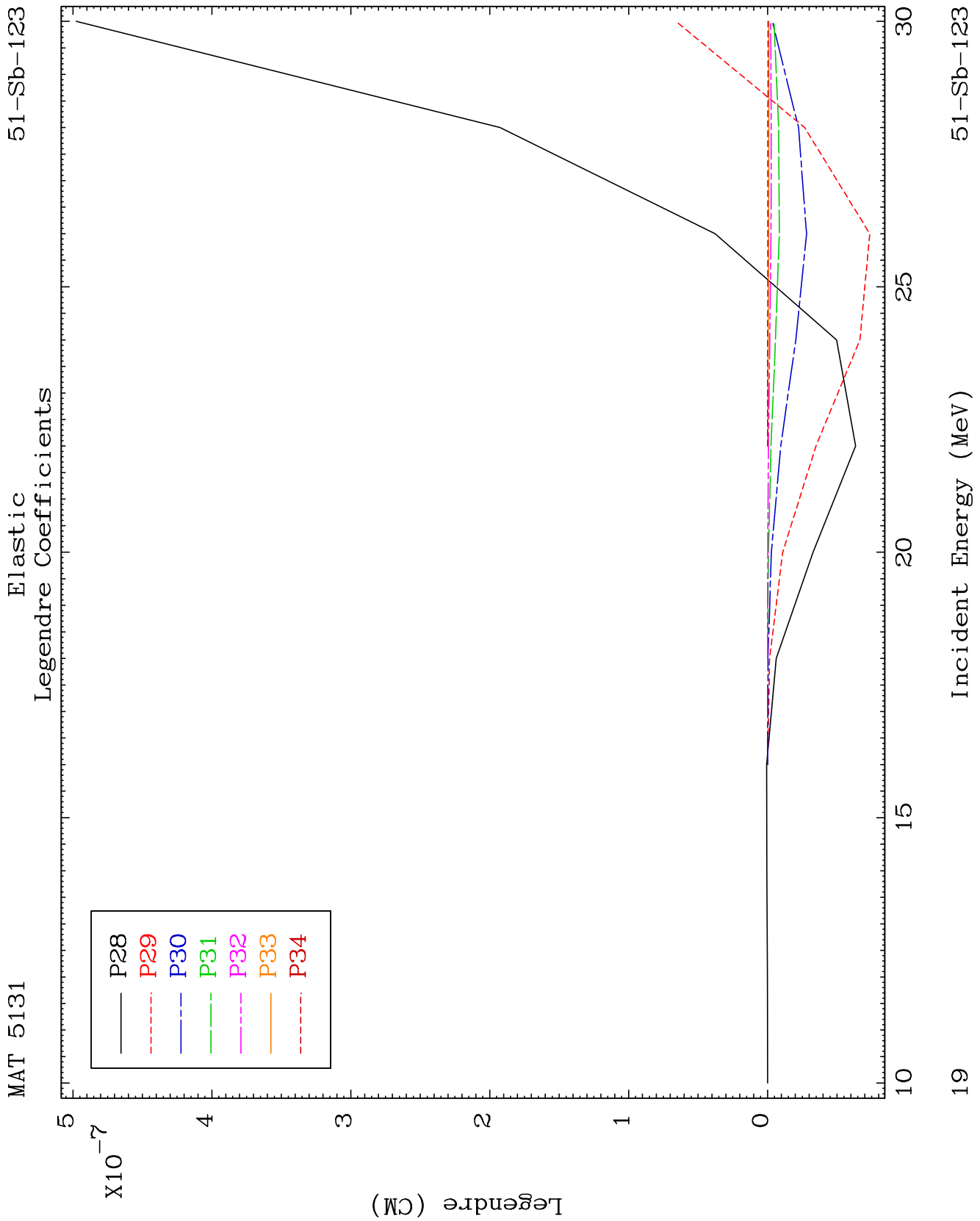
51-Sb-123



18

Incident Energy (MeV)

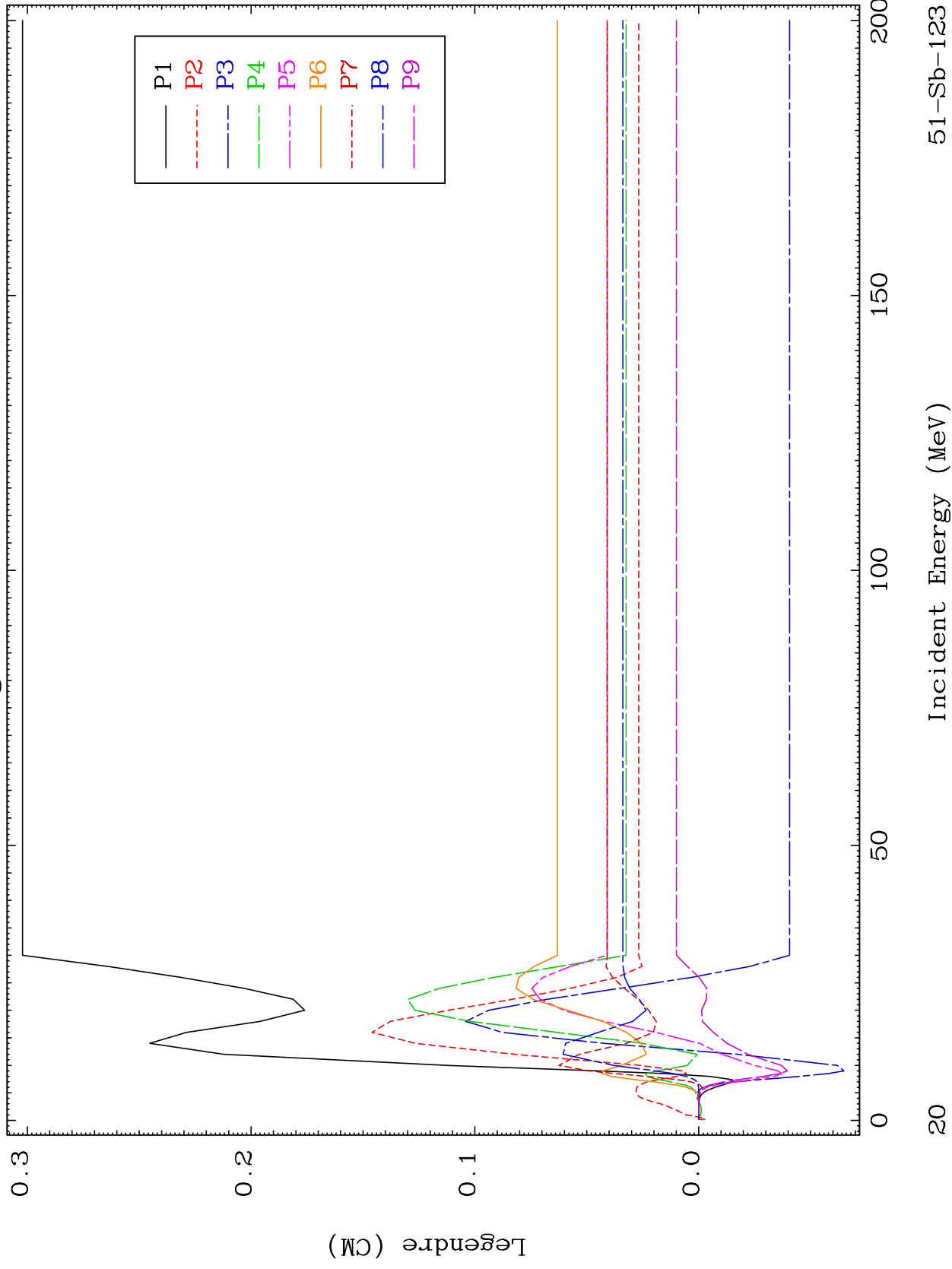
51-Sb-123



MAT 5131

160.3 keV (n,n') Level  
Legendre Coefficients

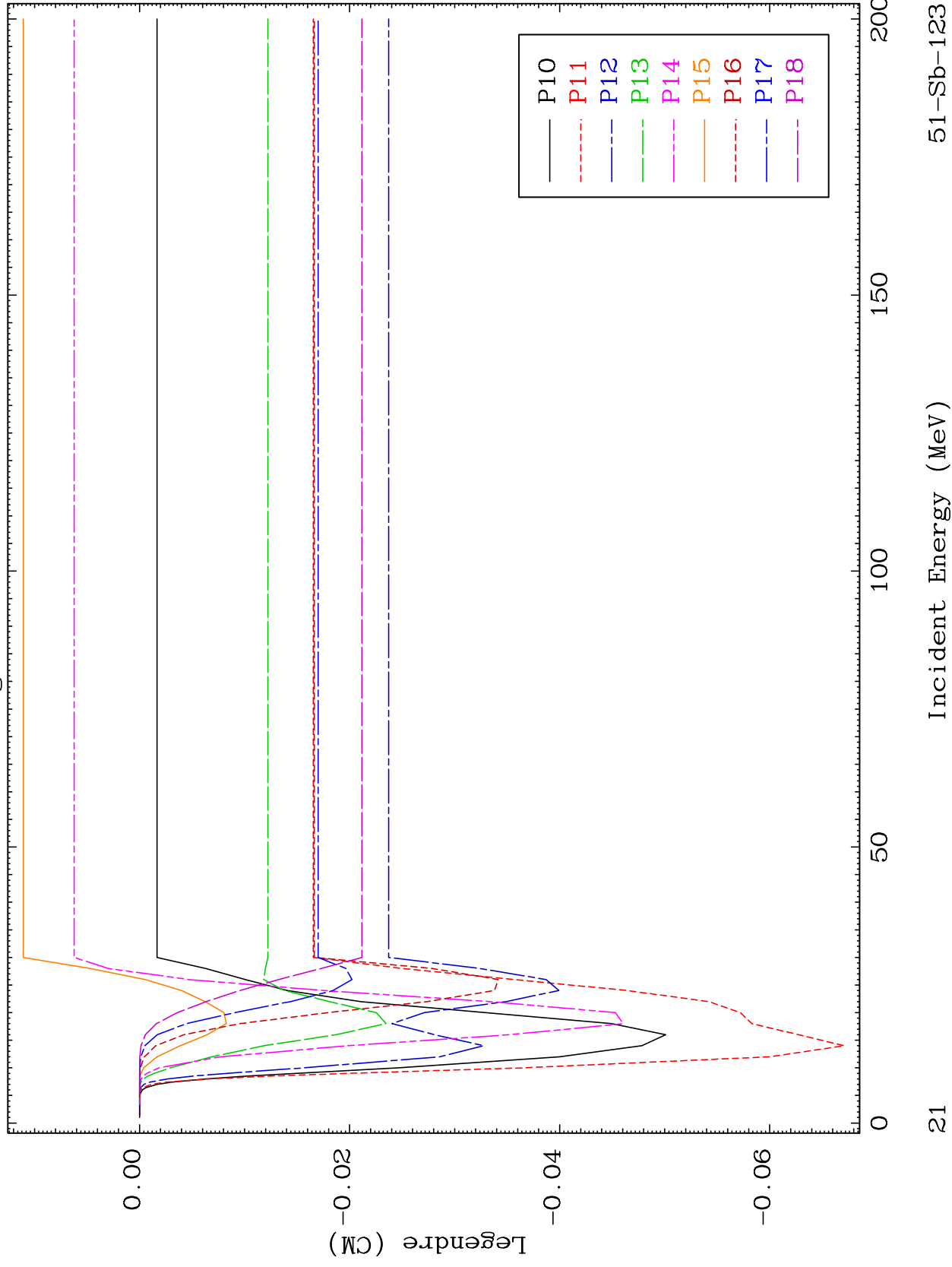
51-Sb-123



MAT 5131

160.3 keV (n,n') Level  
Legendre Coefficients

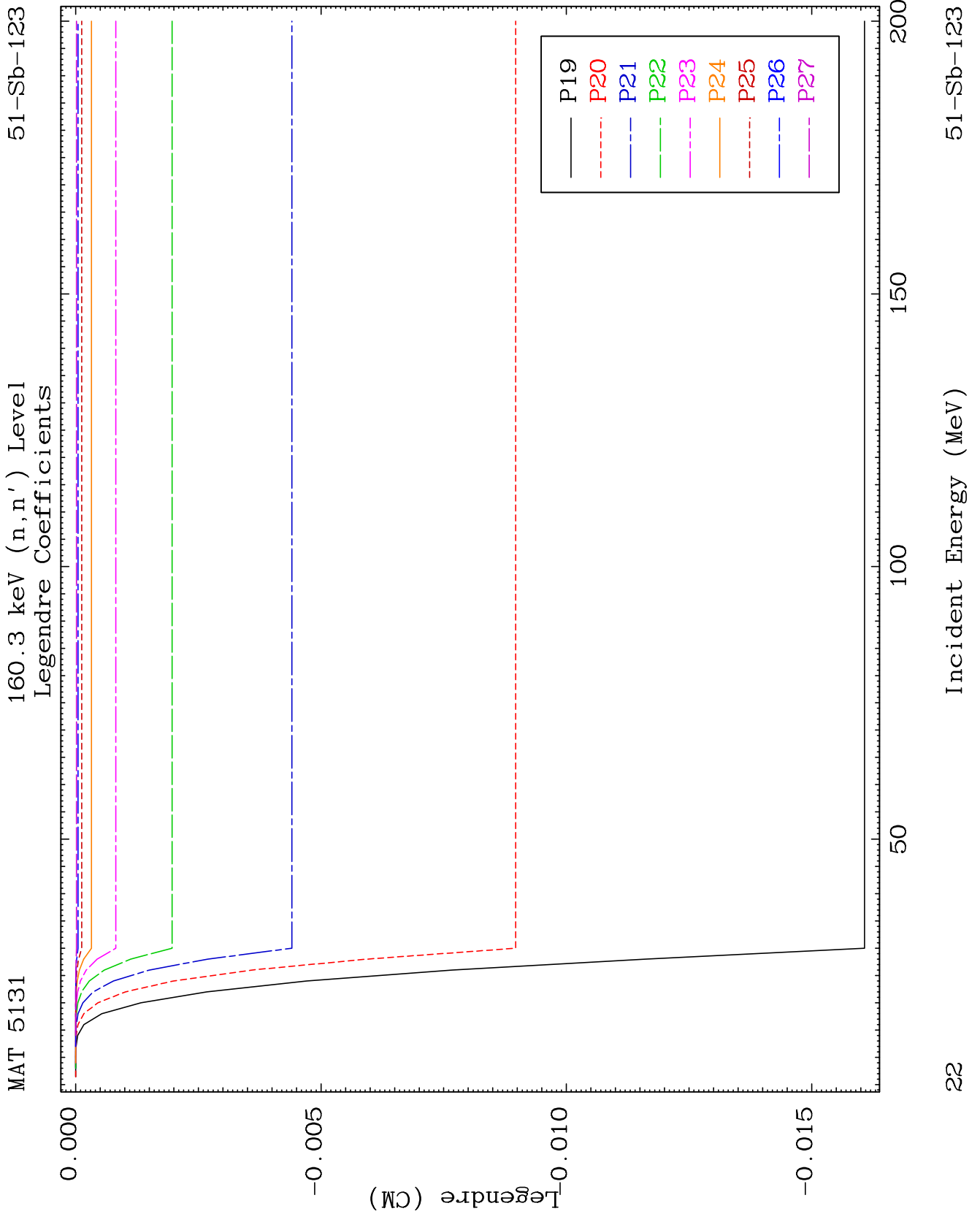
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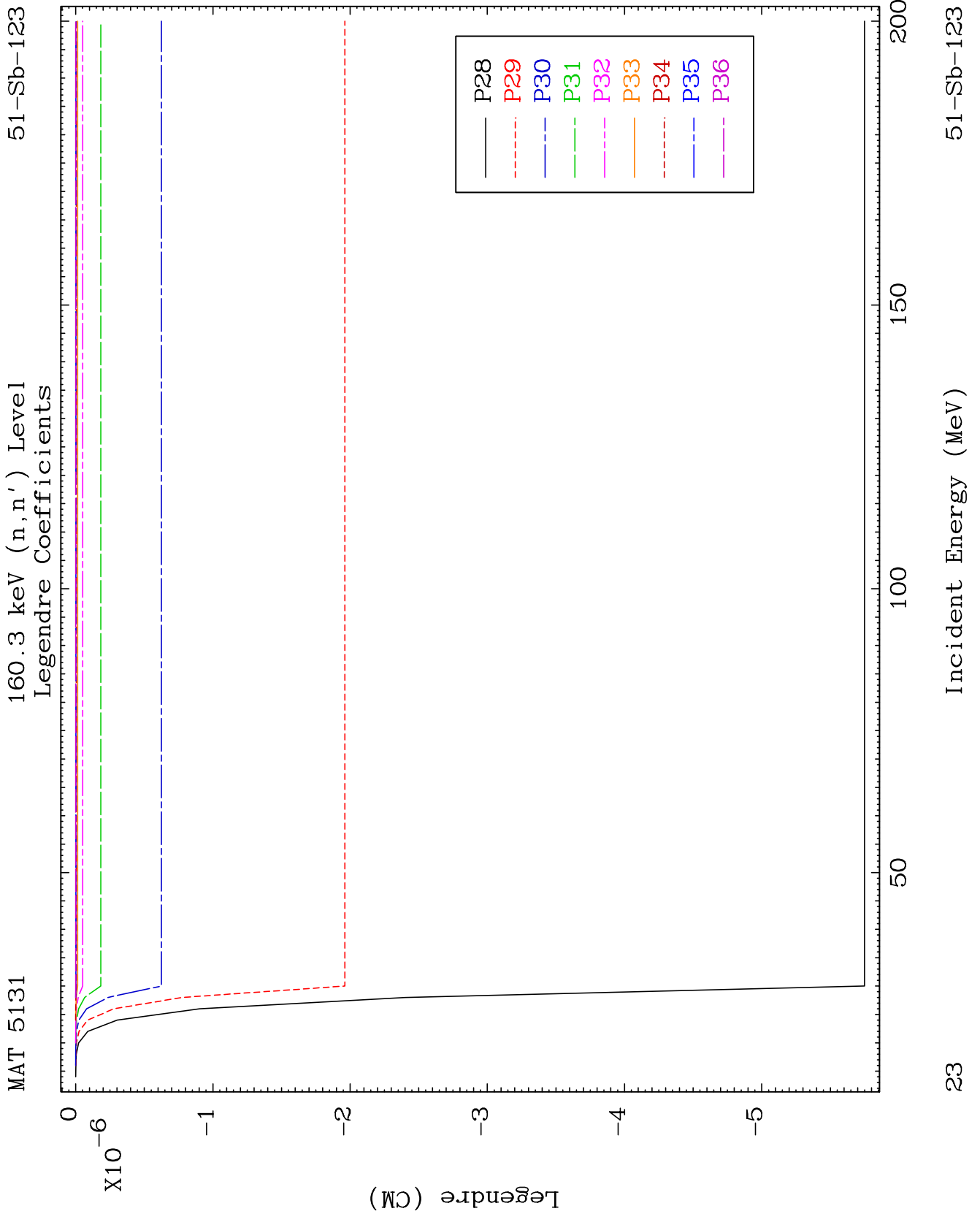


21

Incident Energy (MeV)

51-Sb-123



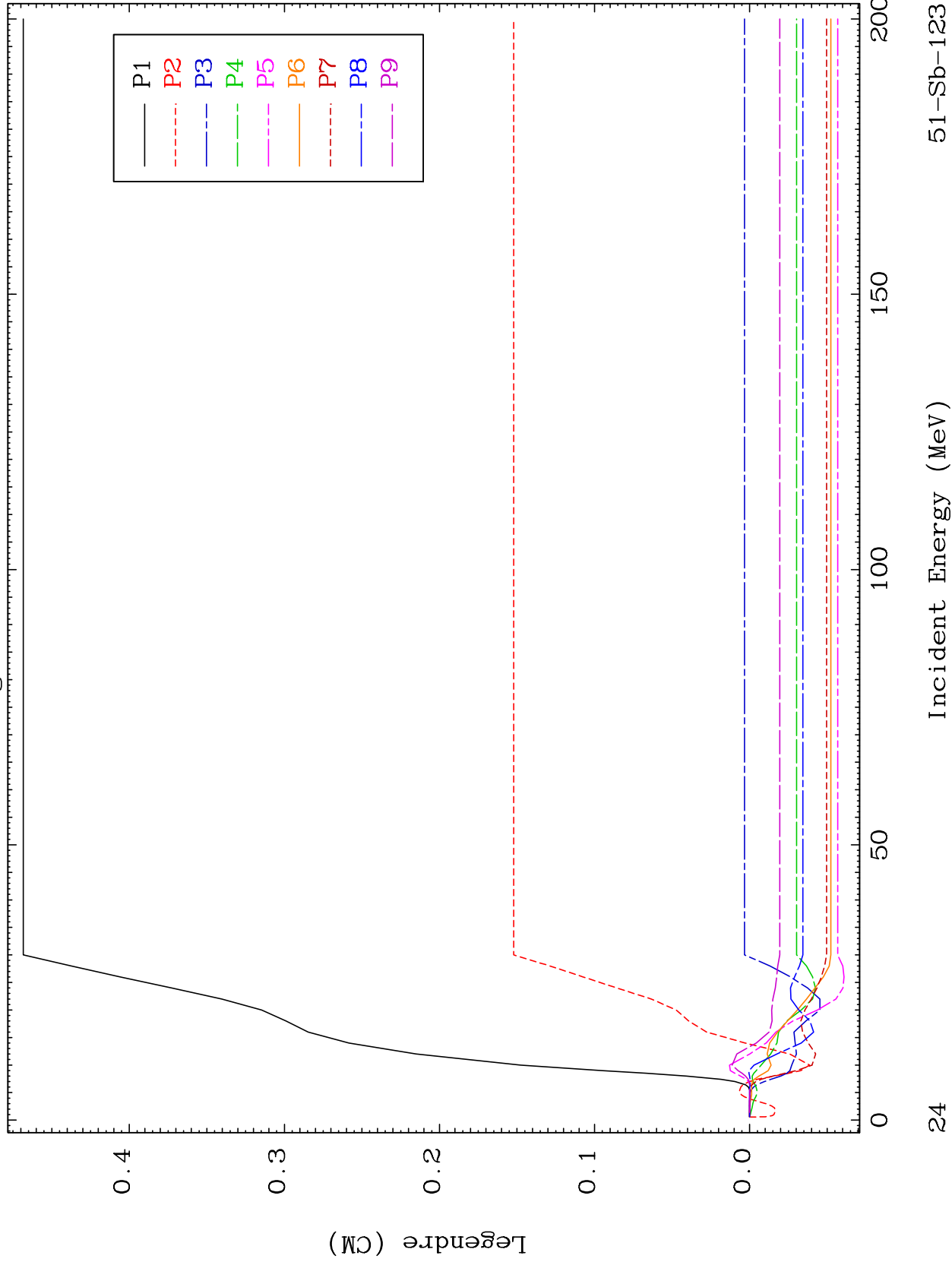




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541.8 keV (n,n') Level  
Legendre Coefficients

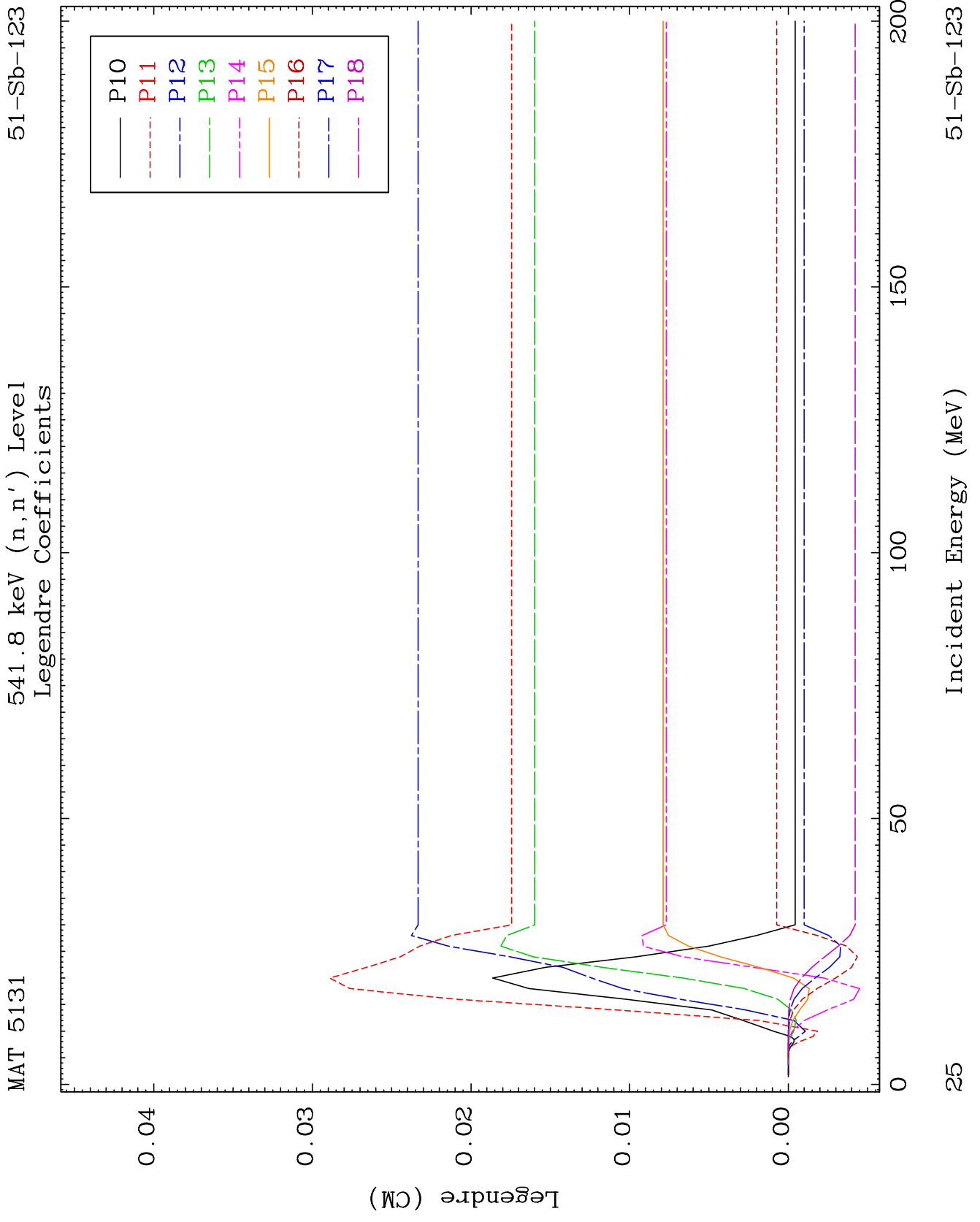
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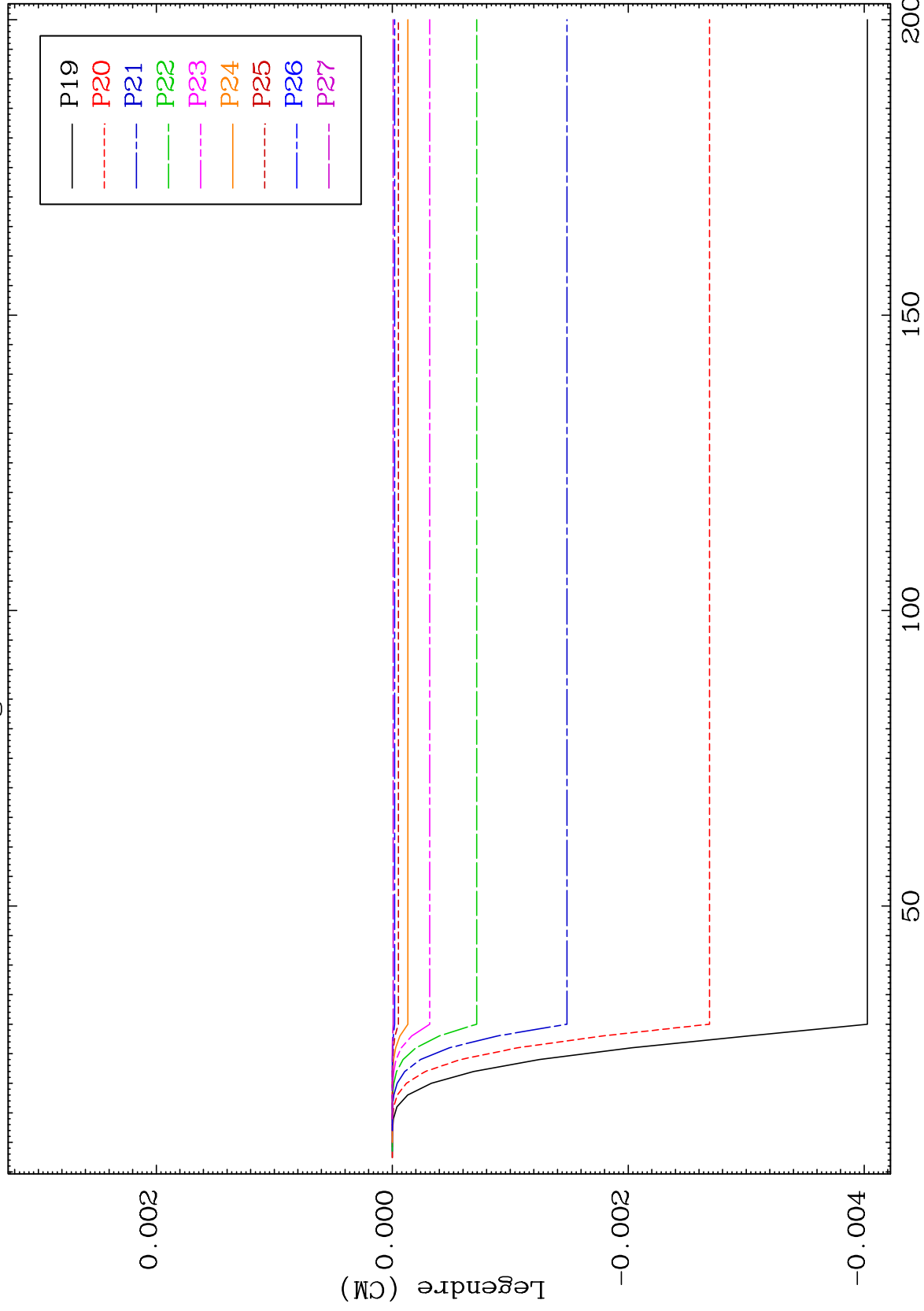


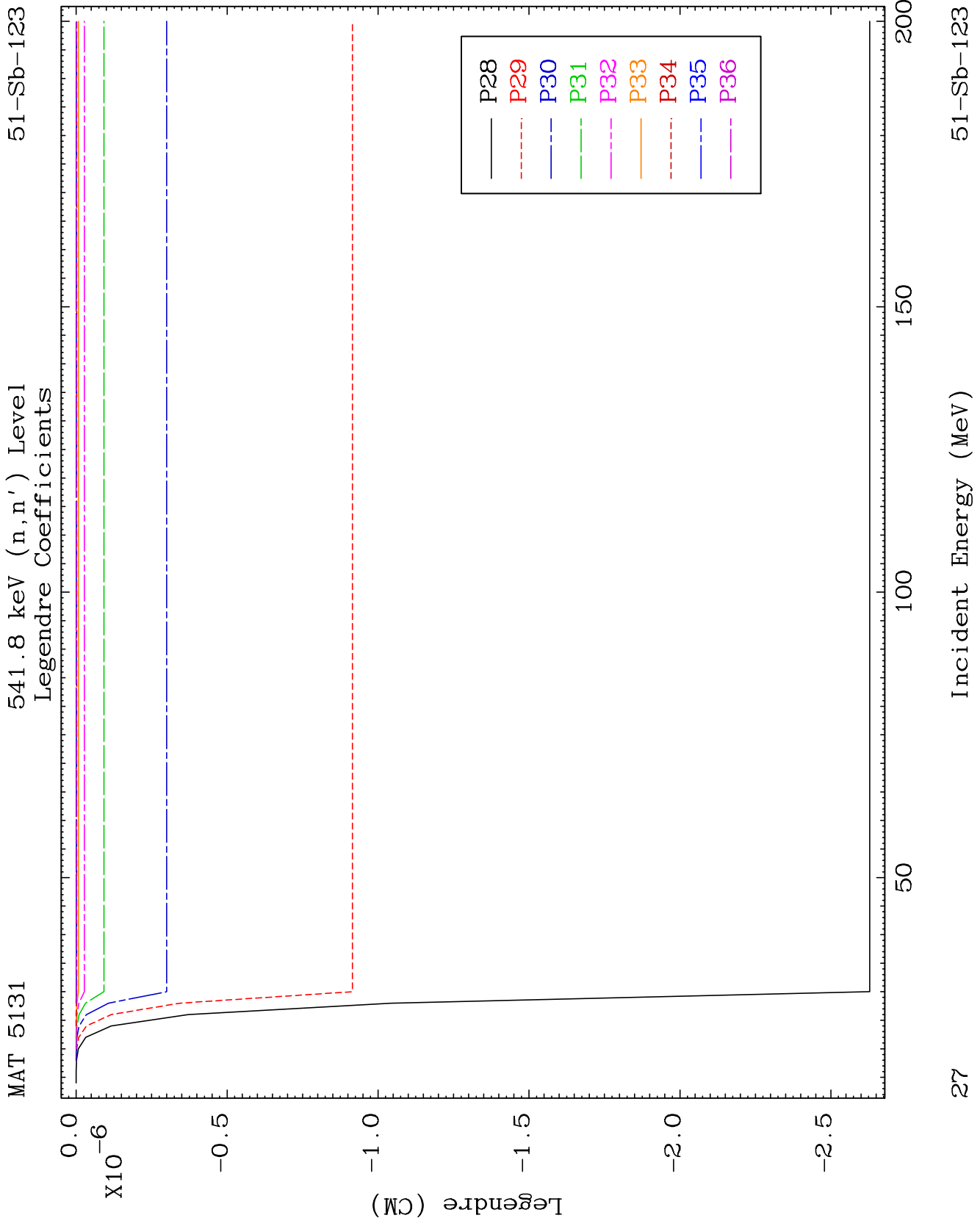
24

Incident Energy (MeV)

51-Sb-123





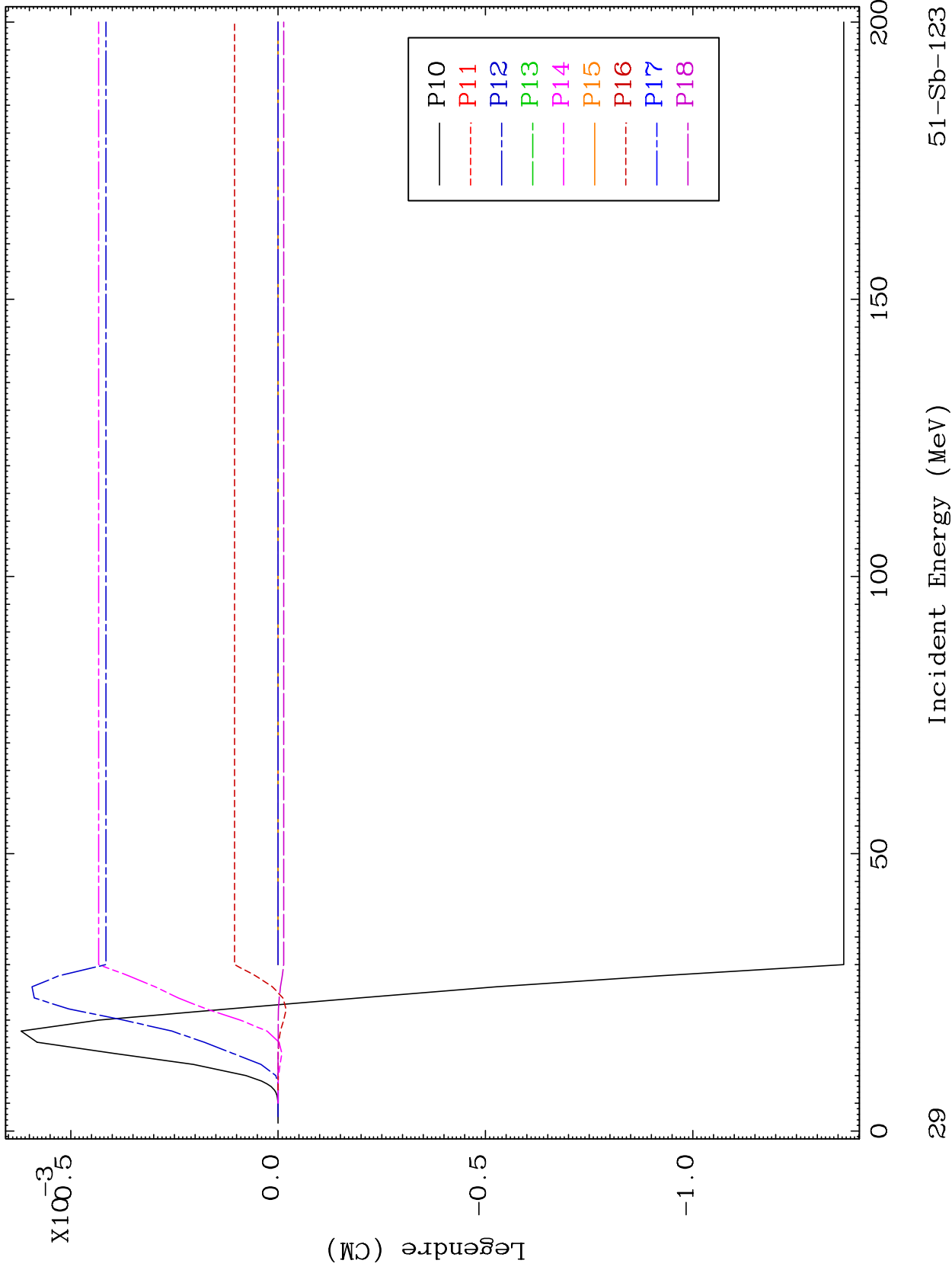




MAT 5131

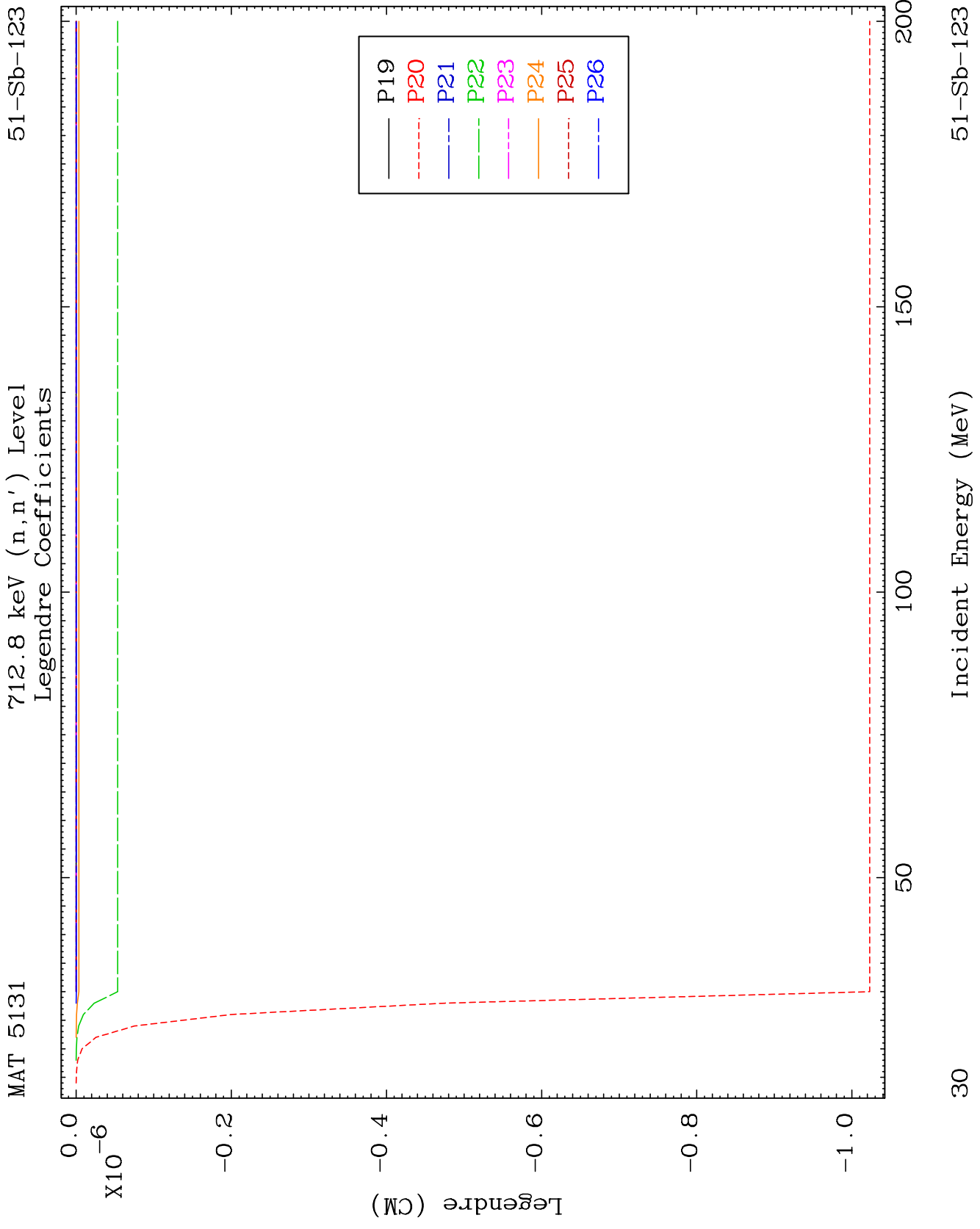
712.8 keV (n,n') Level  
Legendre Coefficients

51-Sb-123



29

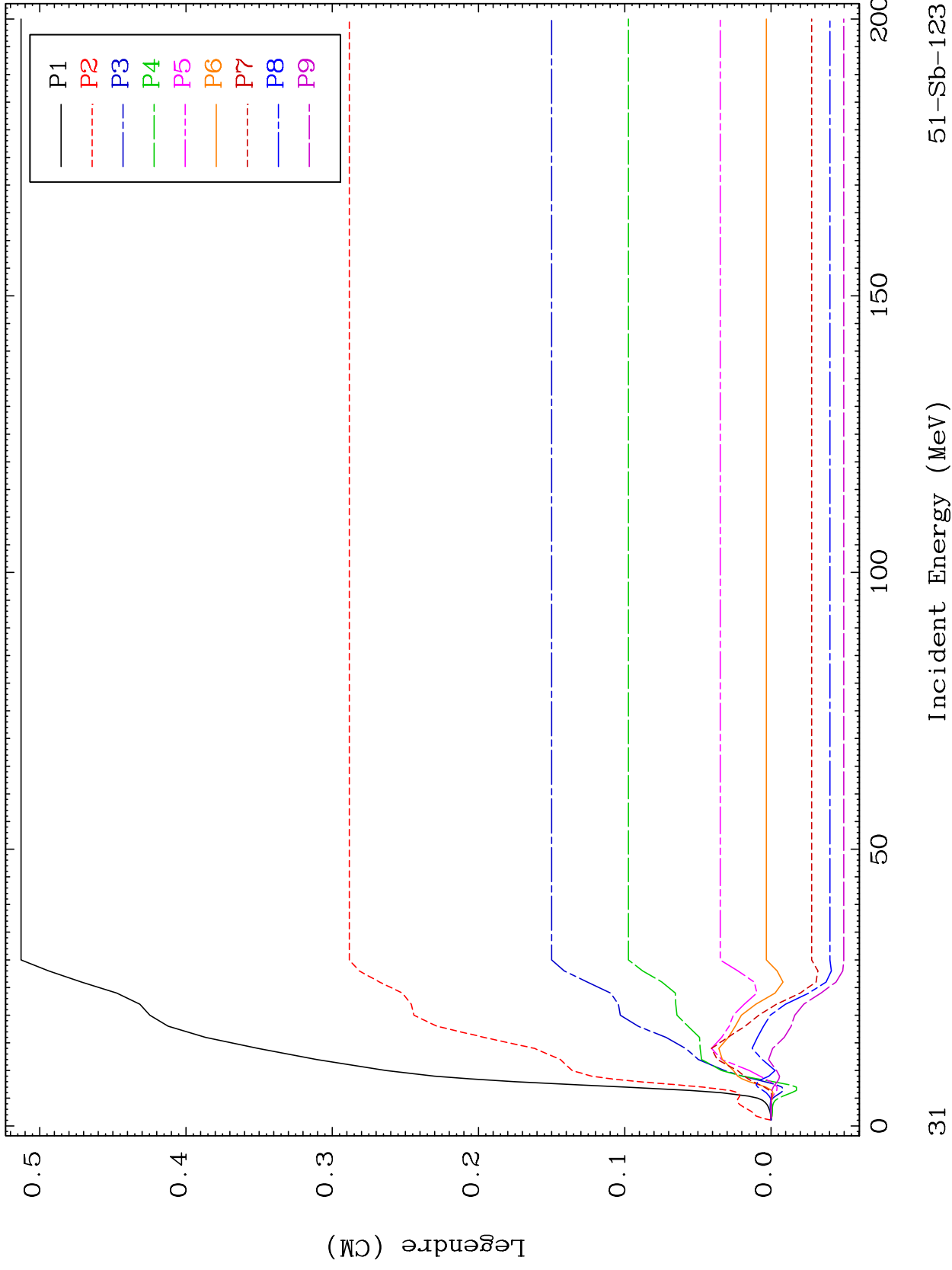
51-Sb-123



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1.030 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



51-Sb-123

Incident Energy (MeV)

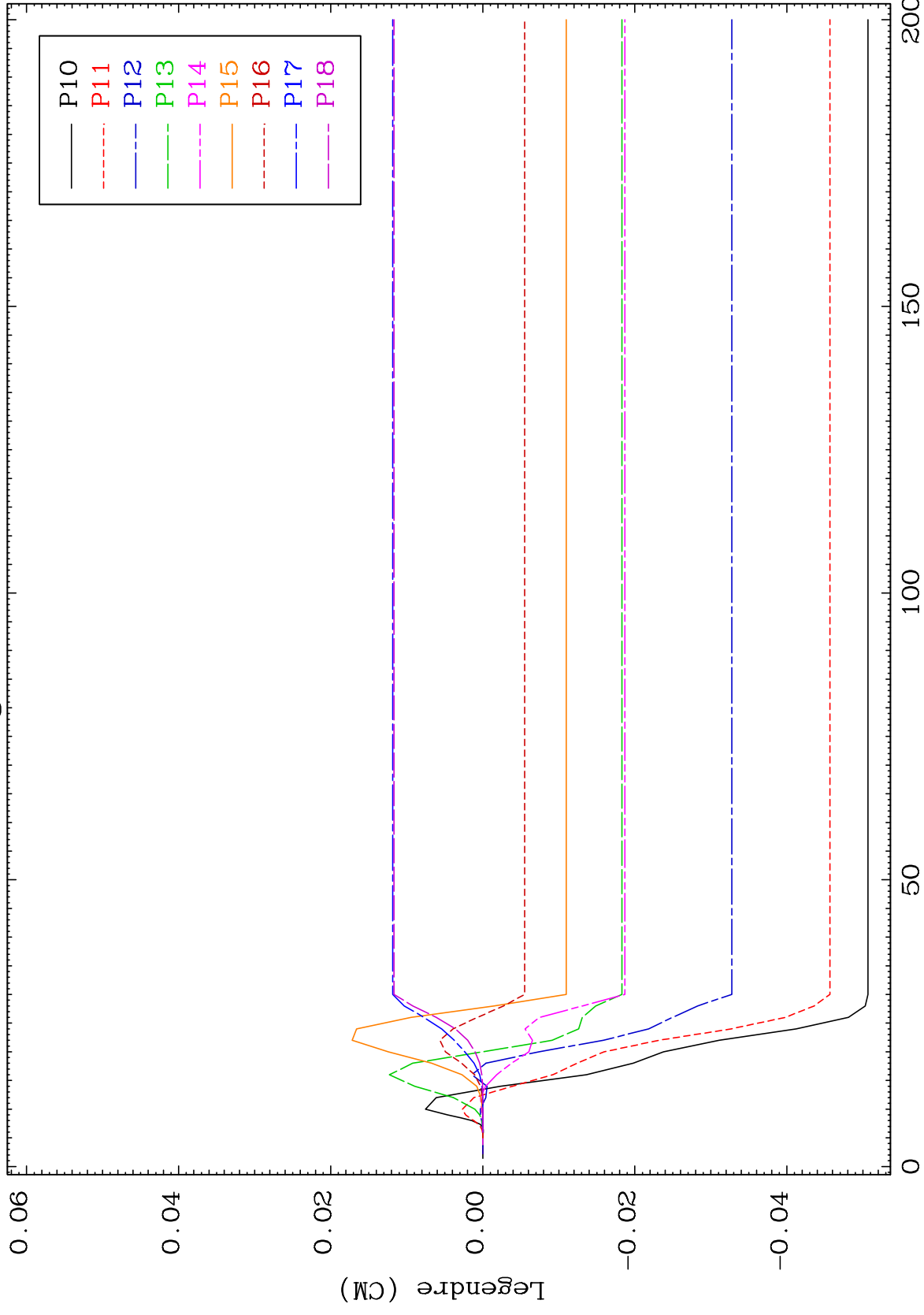
31



MAT 5131

1.030 MeV (n,n') Level  
Legendre Coefficients

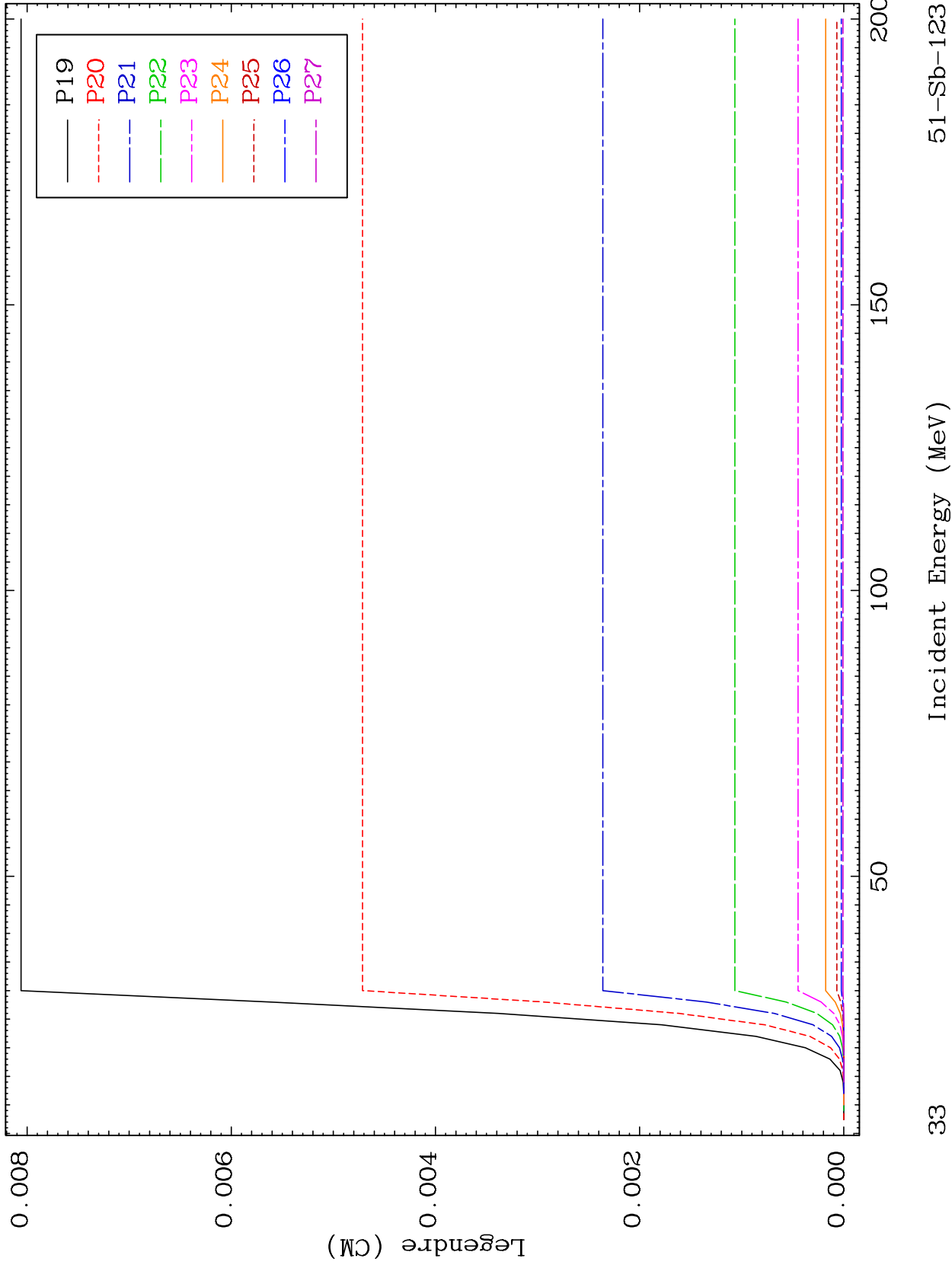
51-Sb-123



32

Incident Energy (MeV)

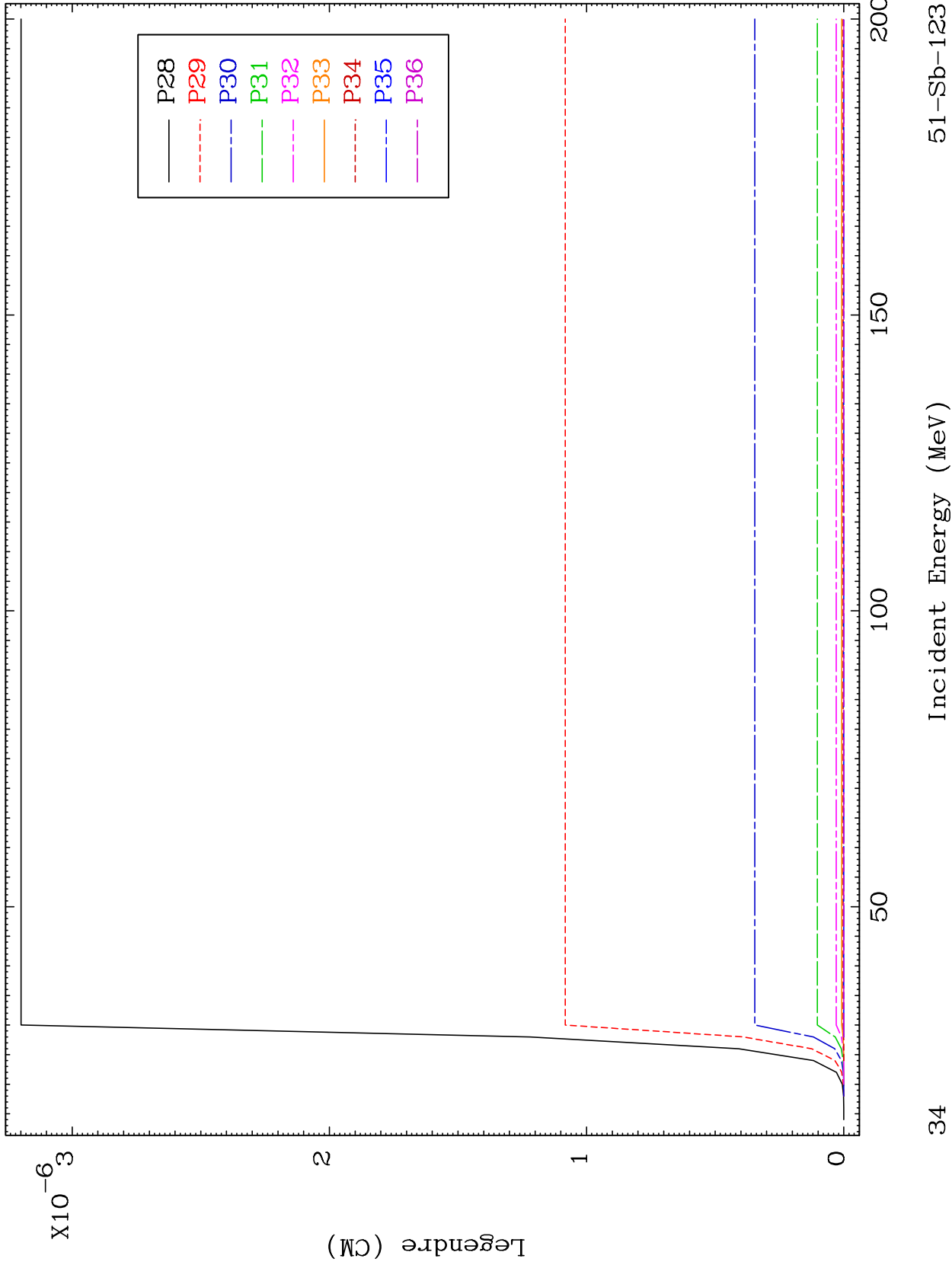
51-Sb-123



MAT 5131

1.030 MeV (n,n') Level  
Legendre Coefficients

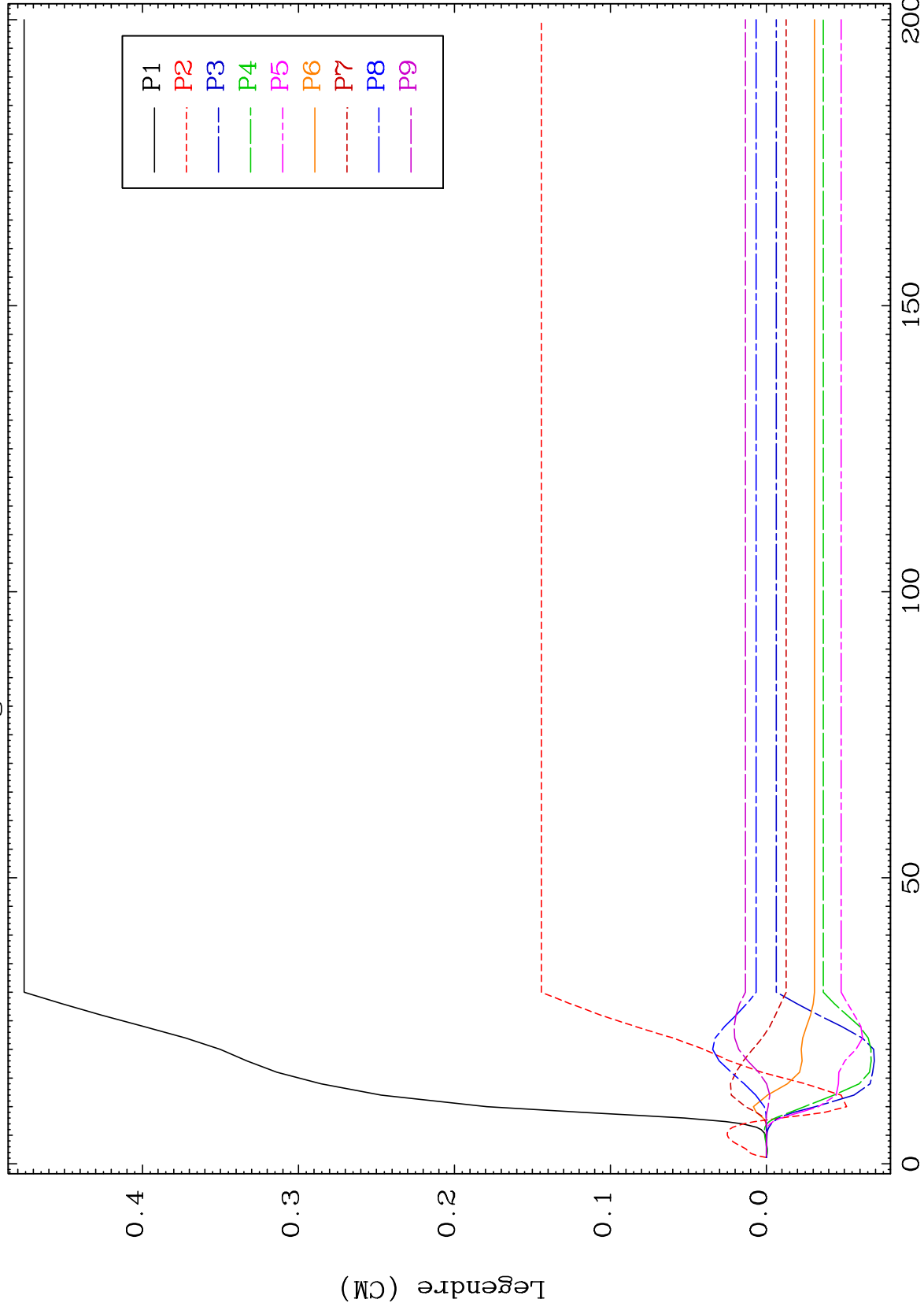
51-Sb-123



MAT 5131

1.089 MeV (n,n') Level  
Legendre Coefficients

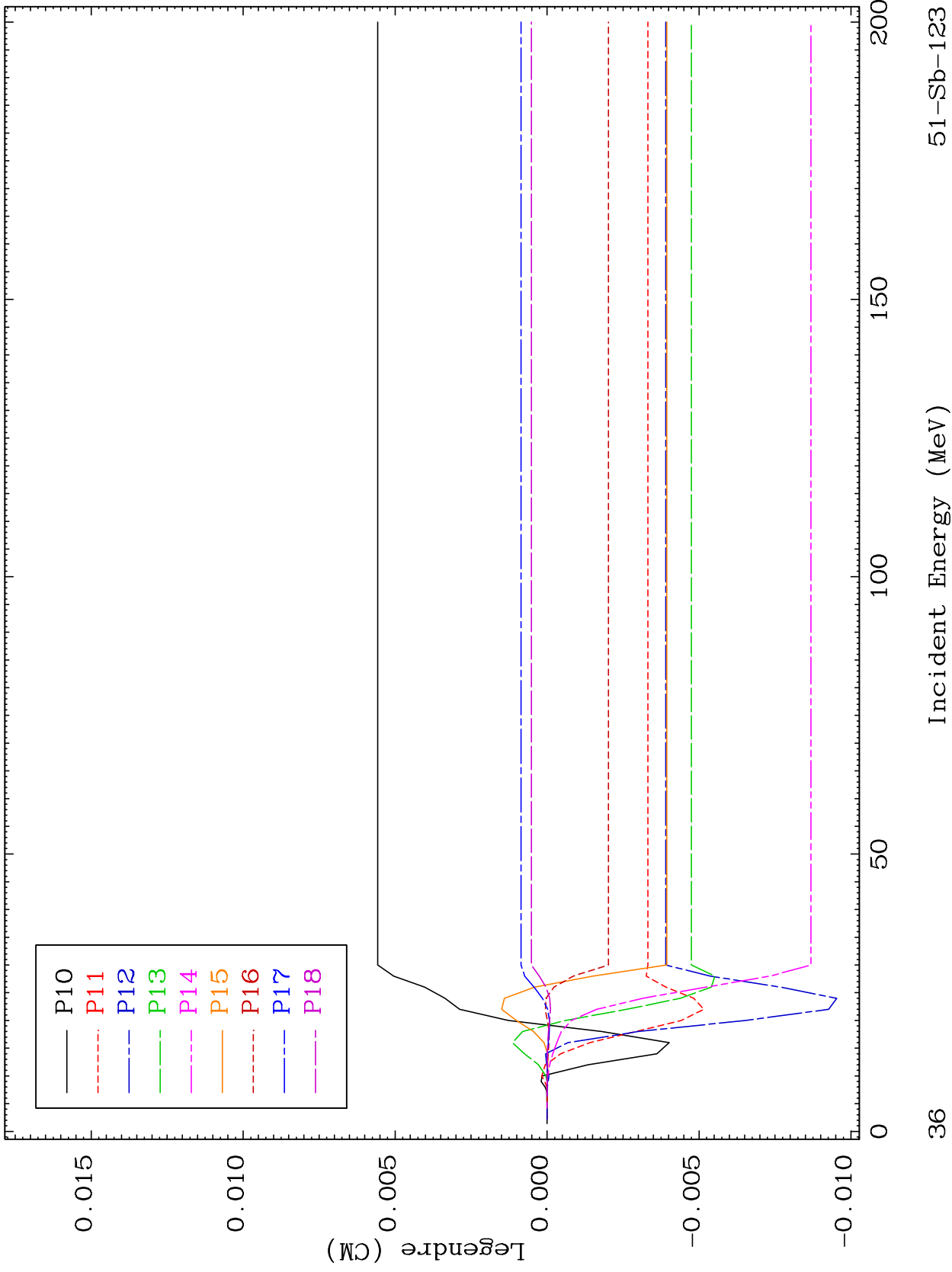
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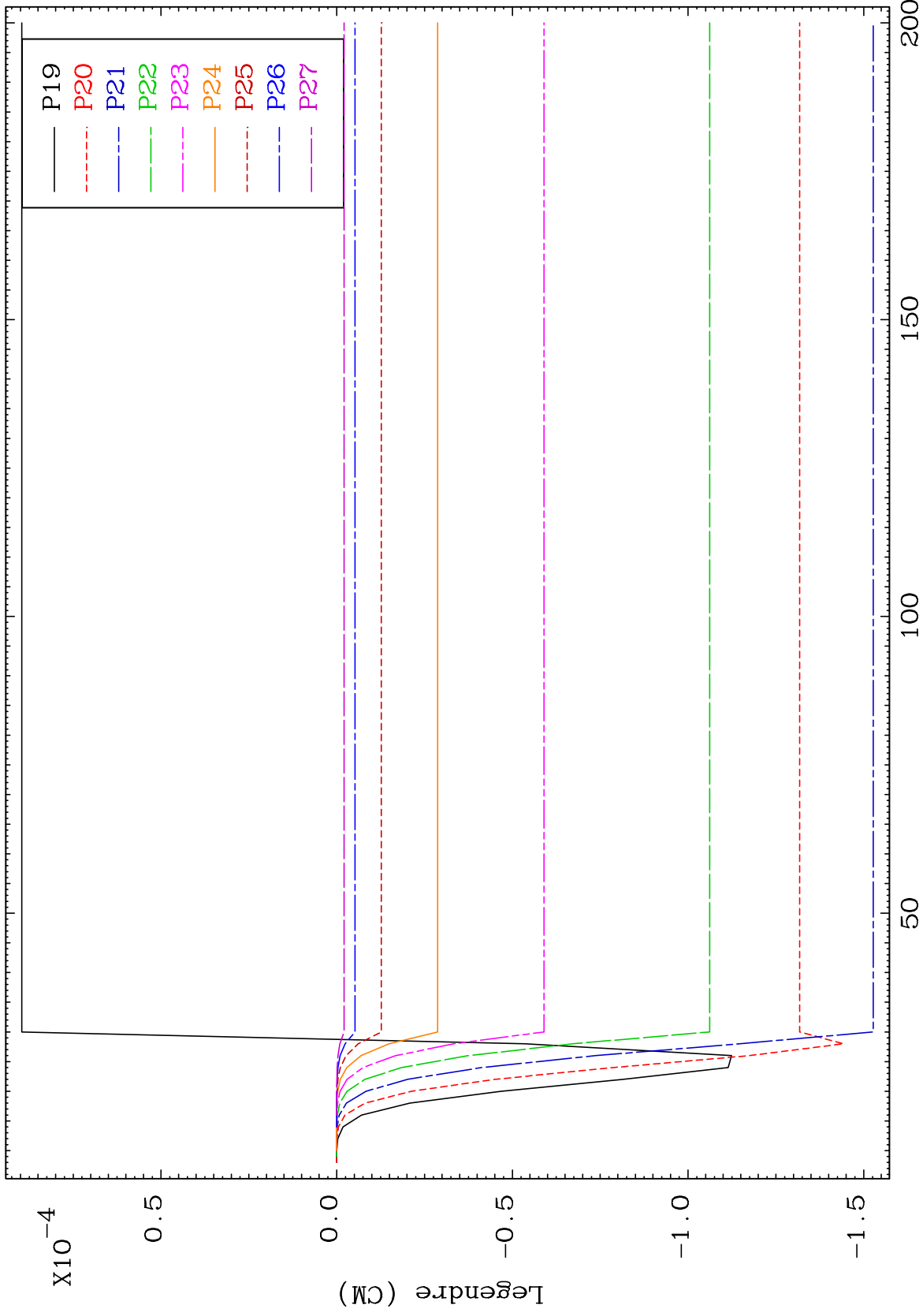


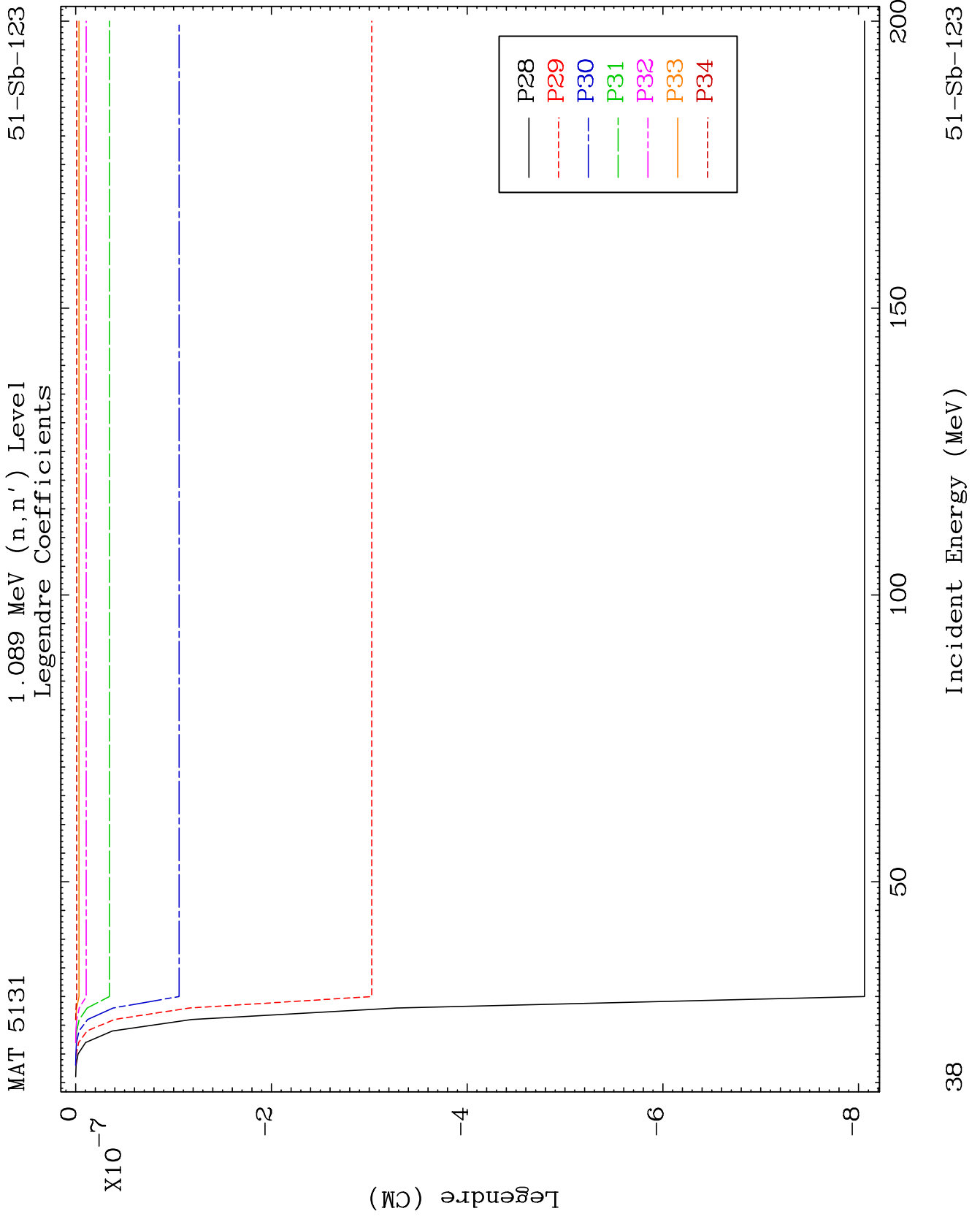
51-Sb-123

Incident Energy (MeV)

35







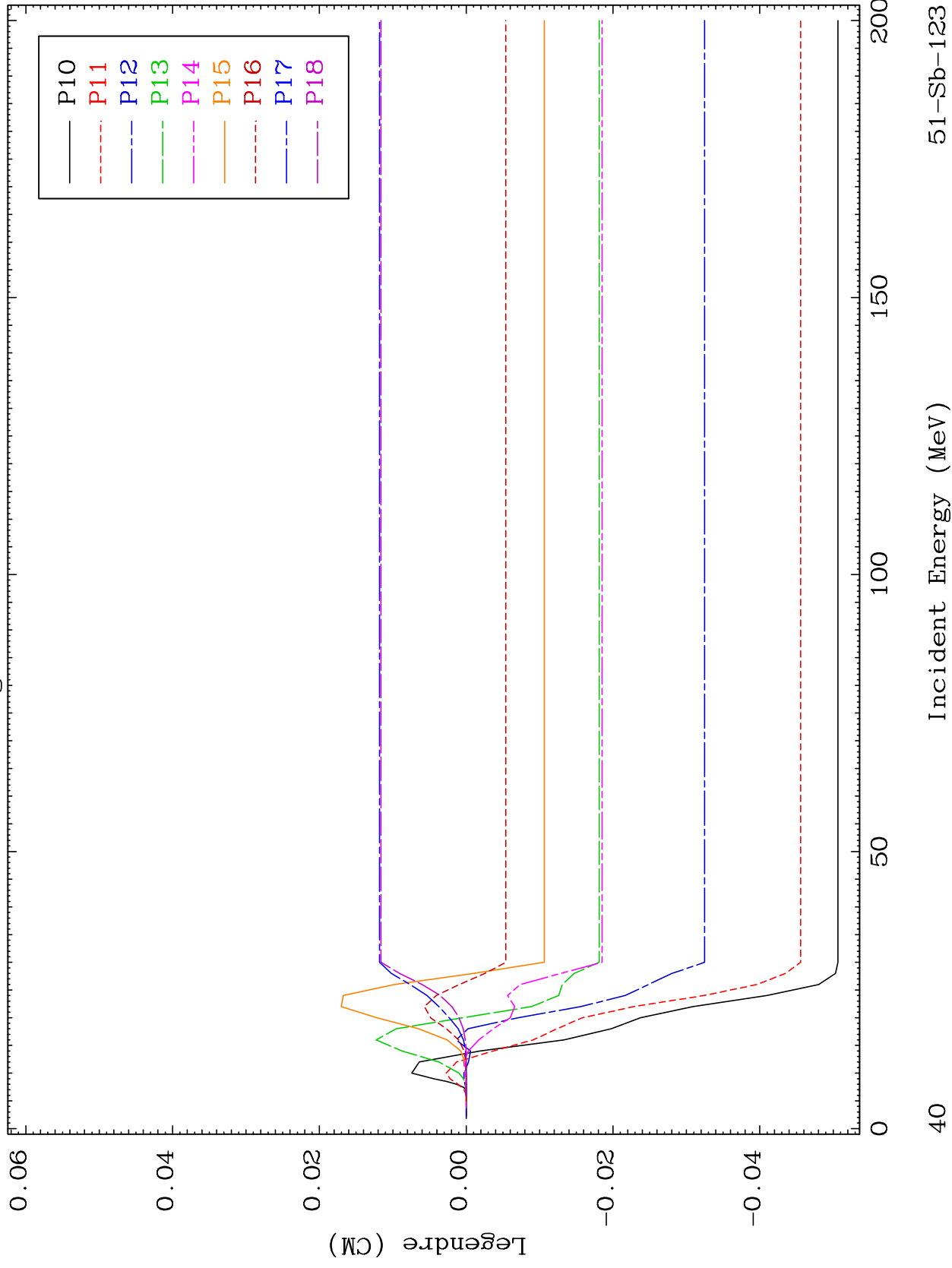




MAT 5131

1.181 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123

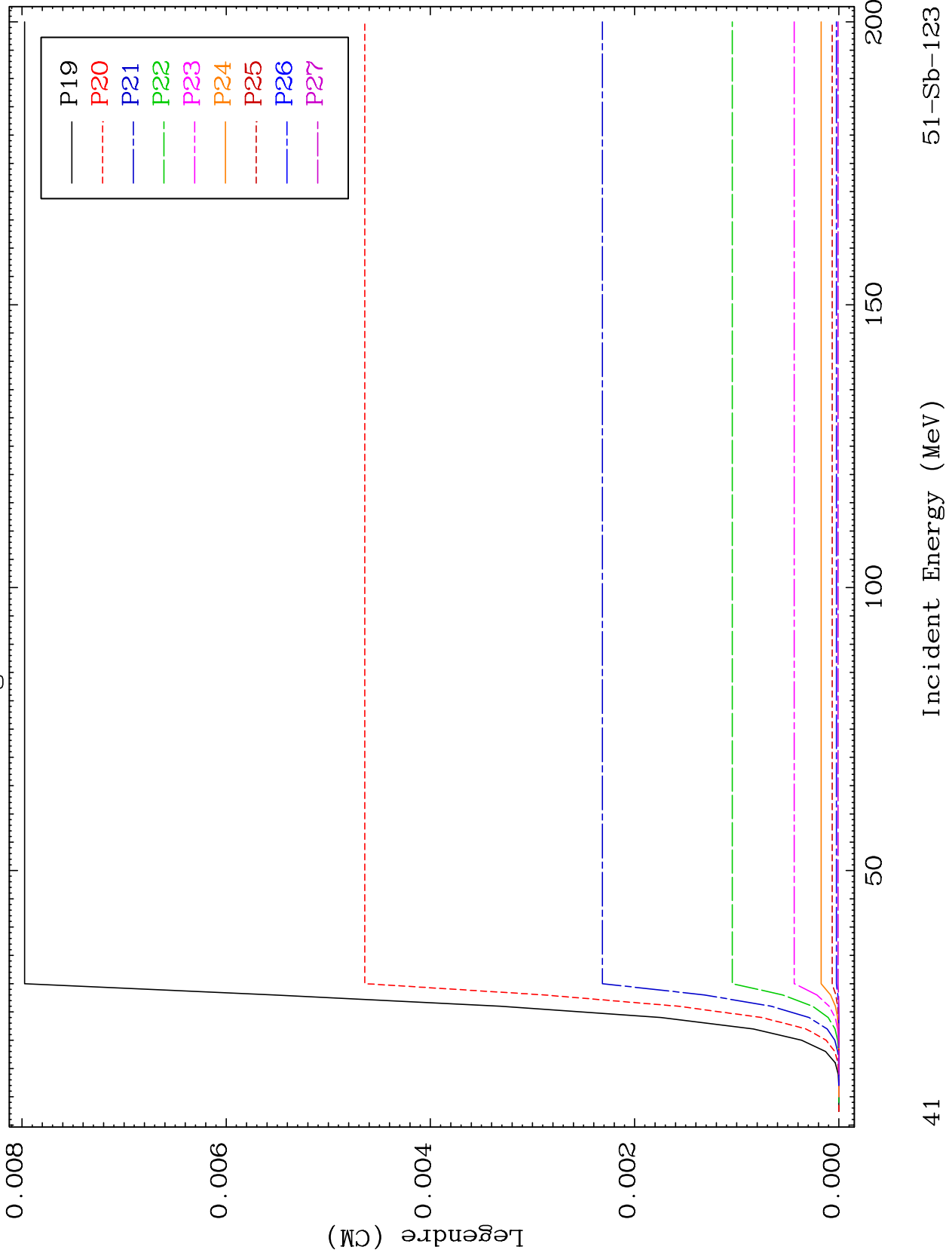


51-Sb-123

Incident Energy (MeV)

40

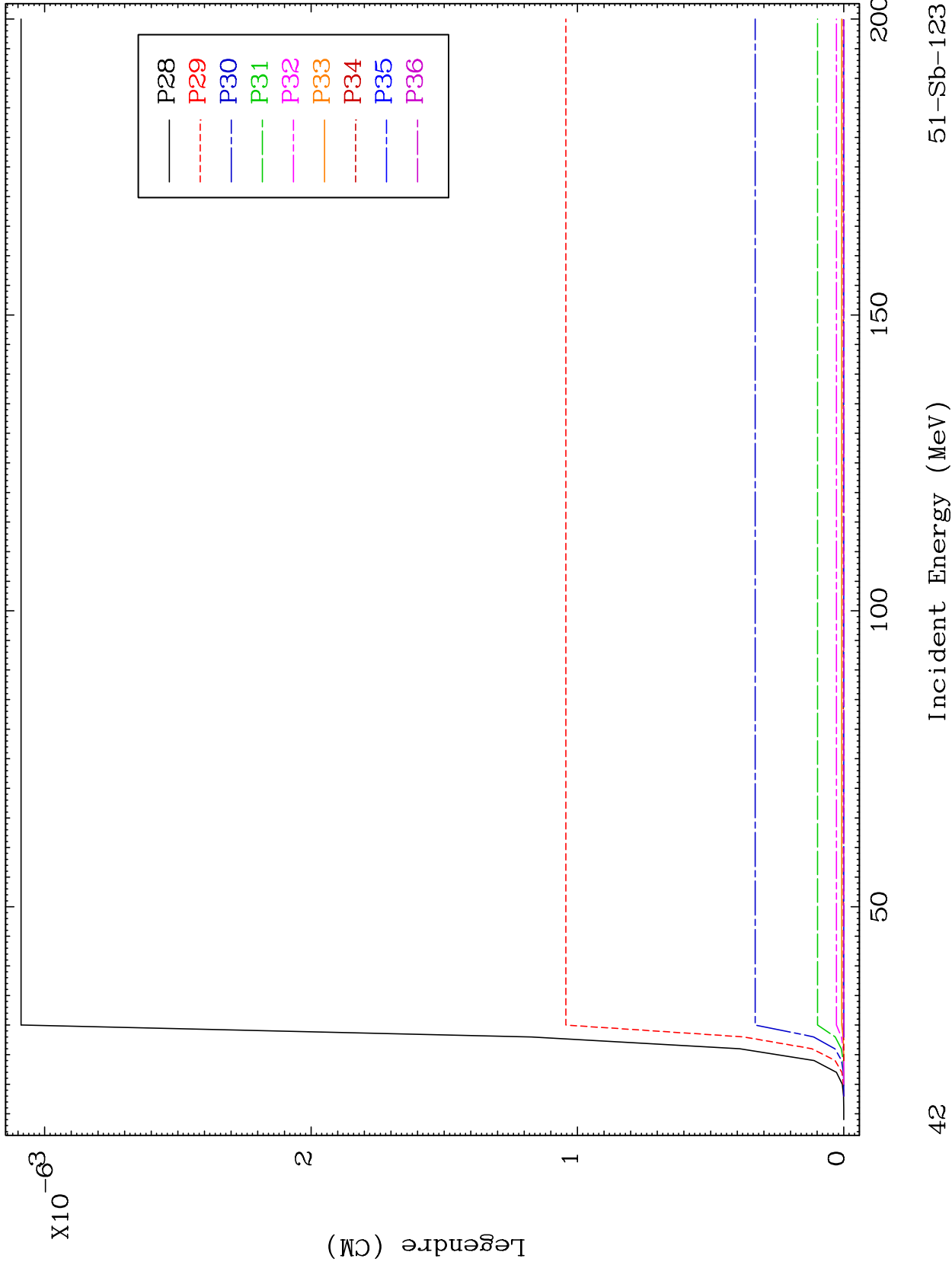
MAT 5131 1.181 MeV (n,n') Level Legendre Coefficients 51-Sb-123



MAT 5131

1.181 MeV (n,n') Level  
Legendre Coefficients

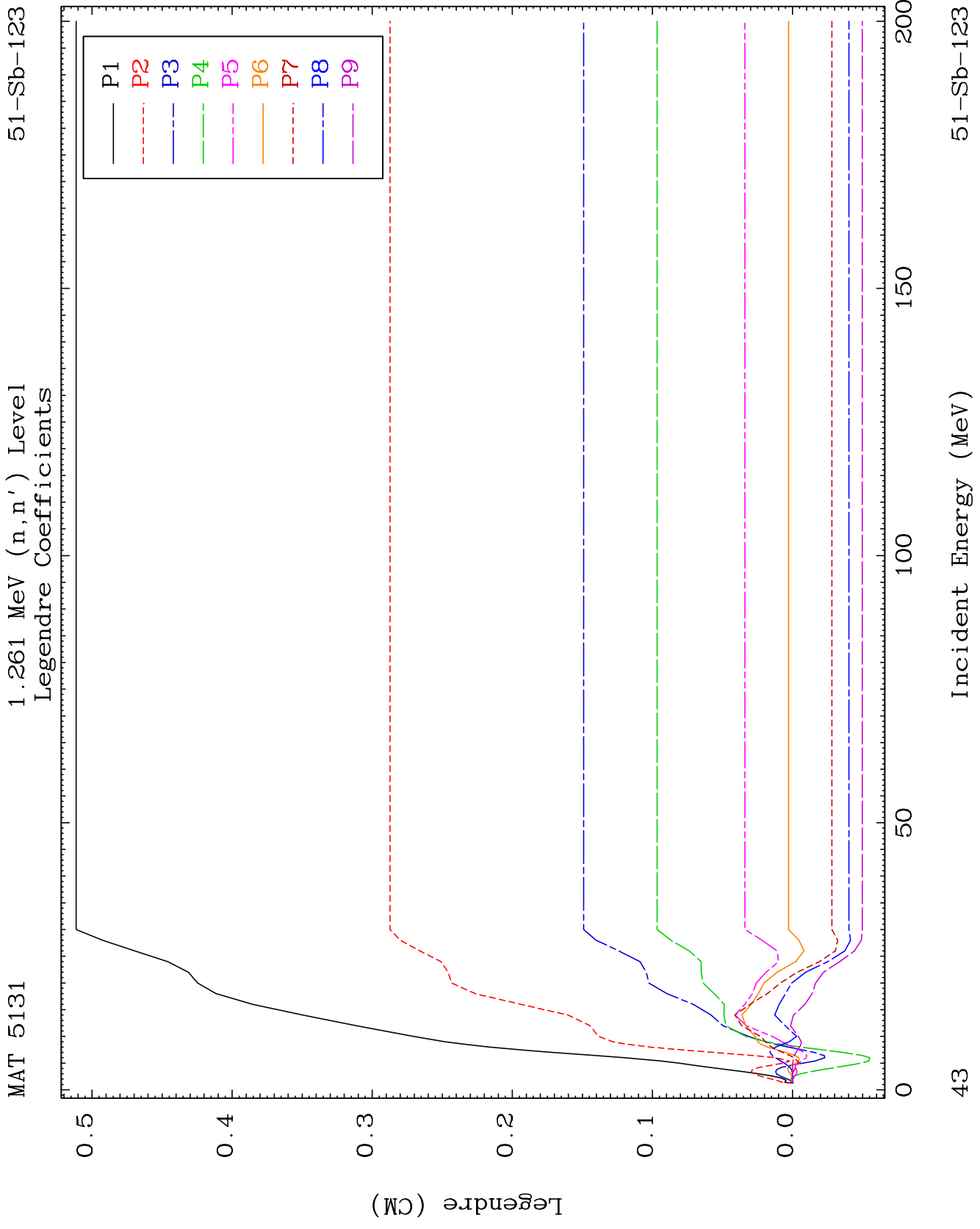
51-Sb-123



42

Incident Energy (MeV)

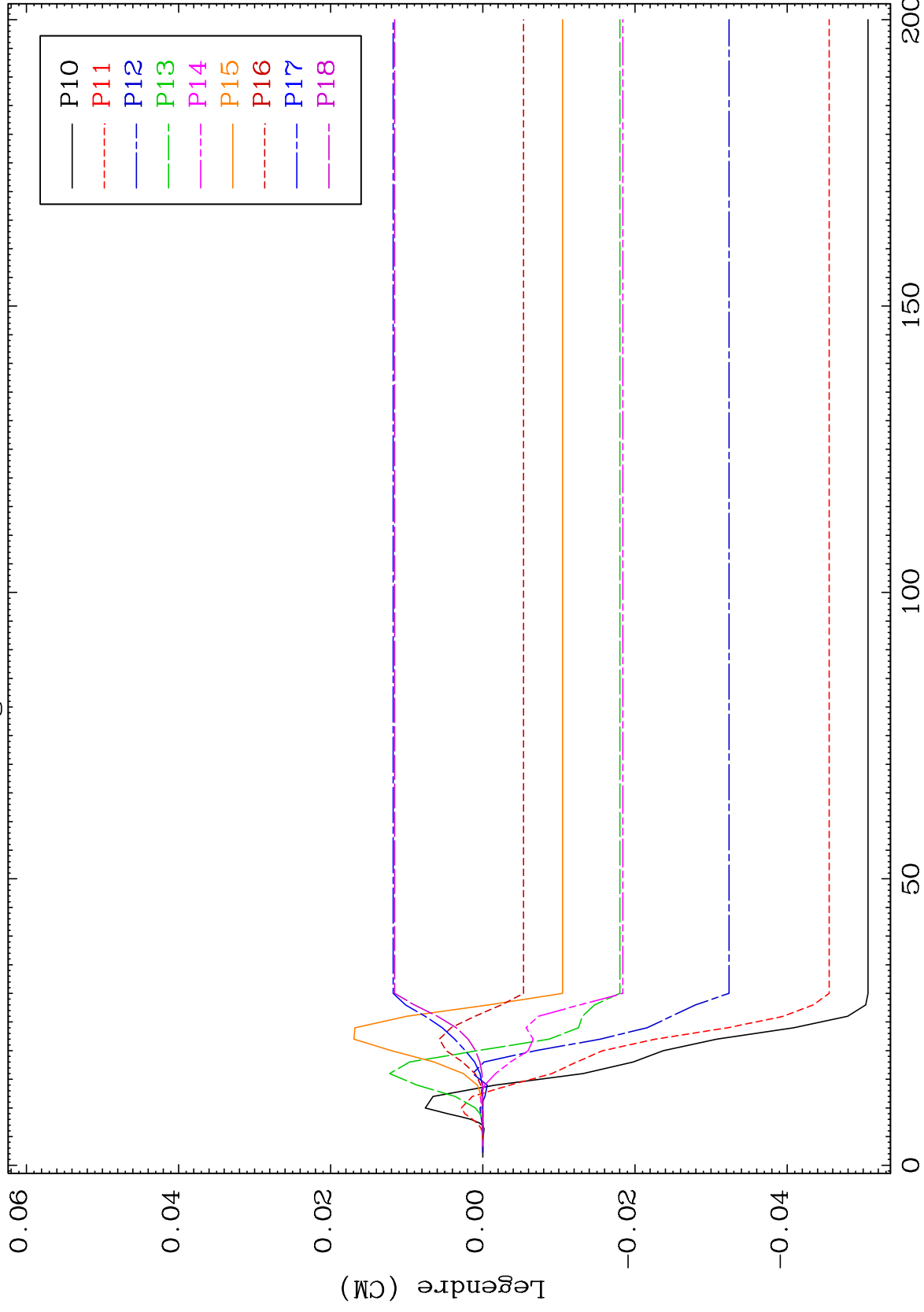
51-Sb-123



MAT 5131

1.261 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



44

Incident Energy (MeV)

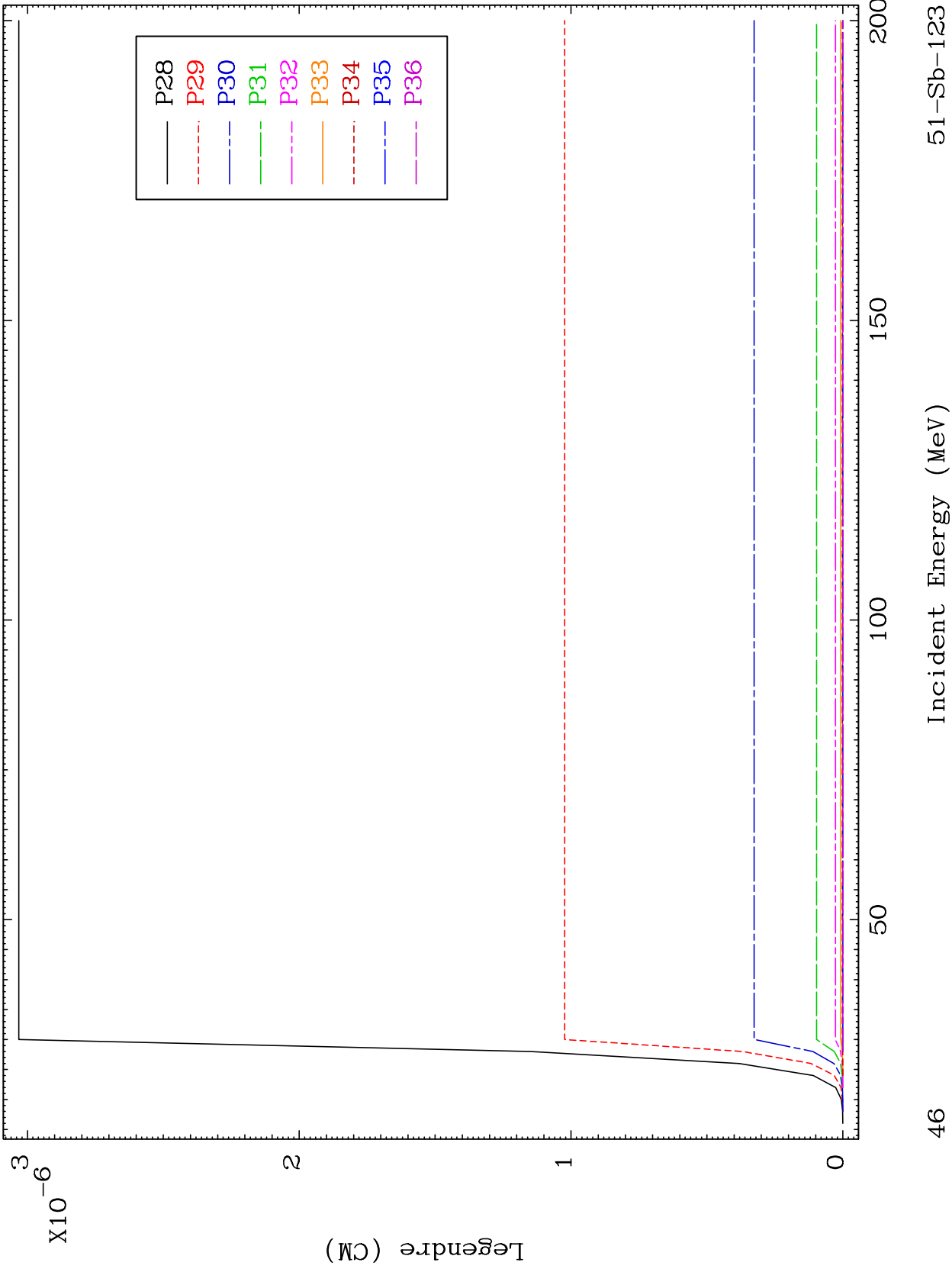
51-Sb-123



MAT 5131

1.261 MeV (n,n') Level  
Legendre Coefficients

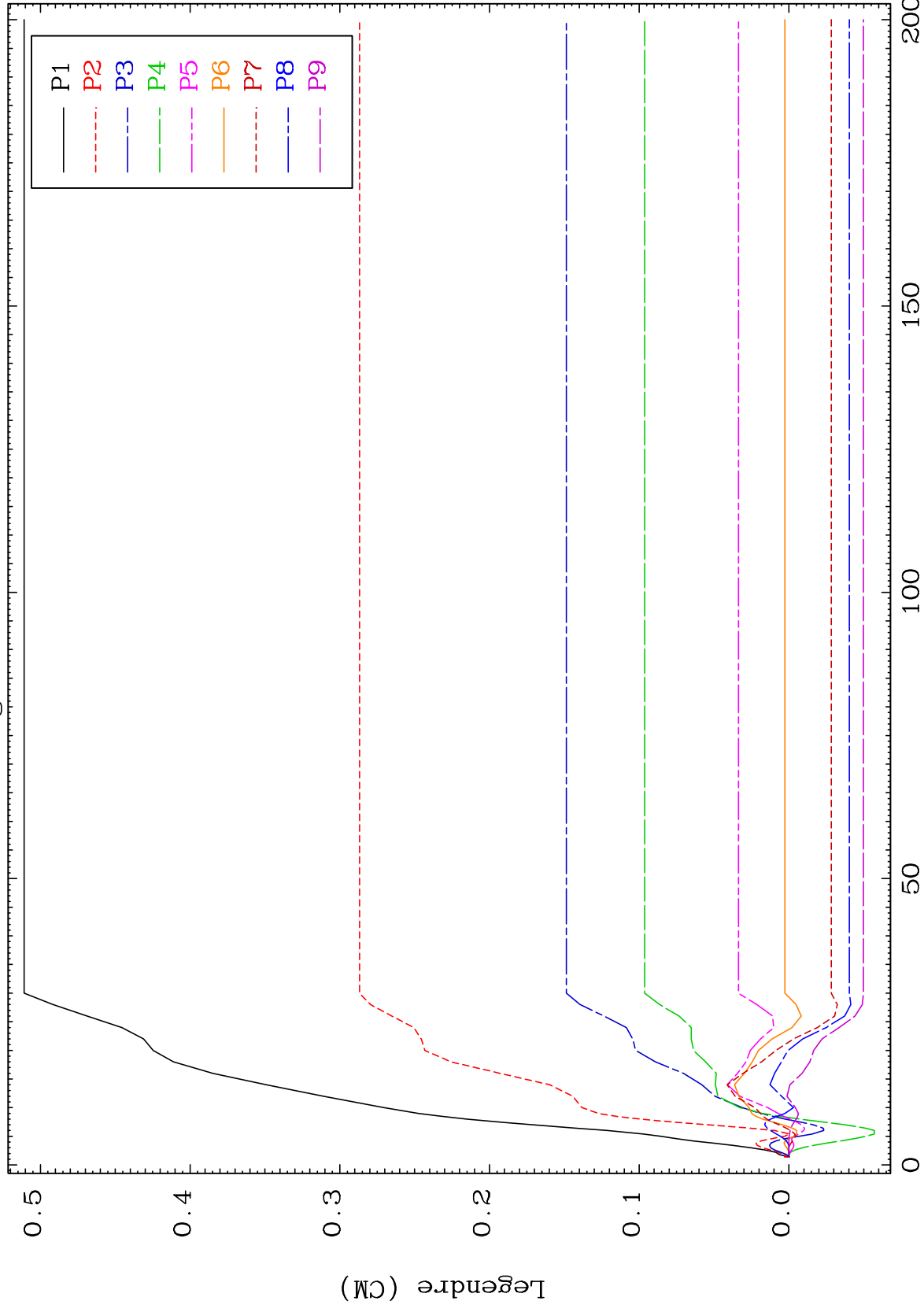
51-Sb-123



MAT 5131

1.337 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



47

Incident Energy (MeV)

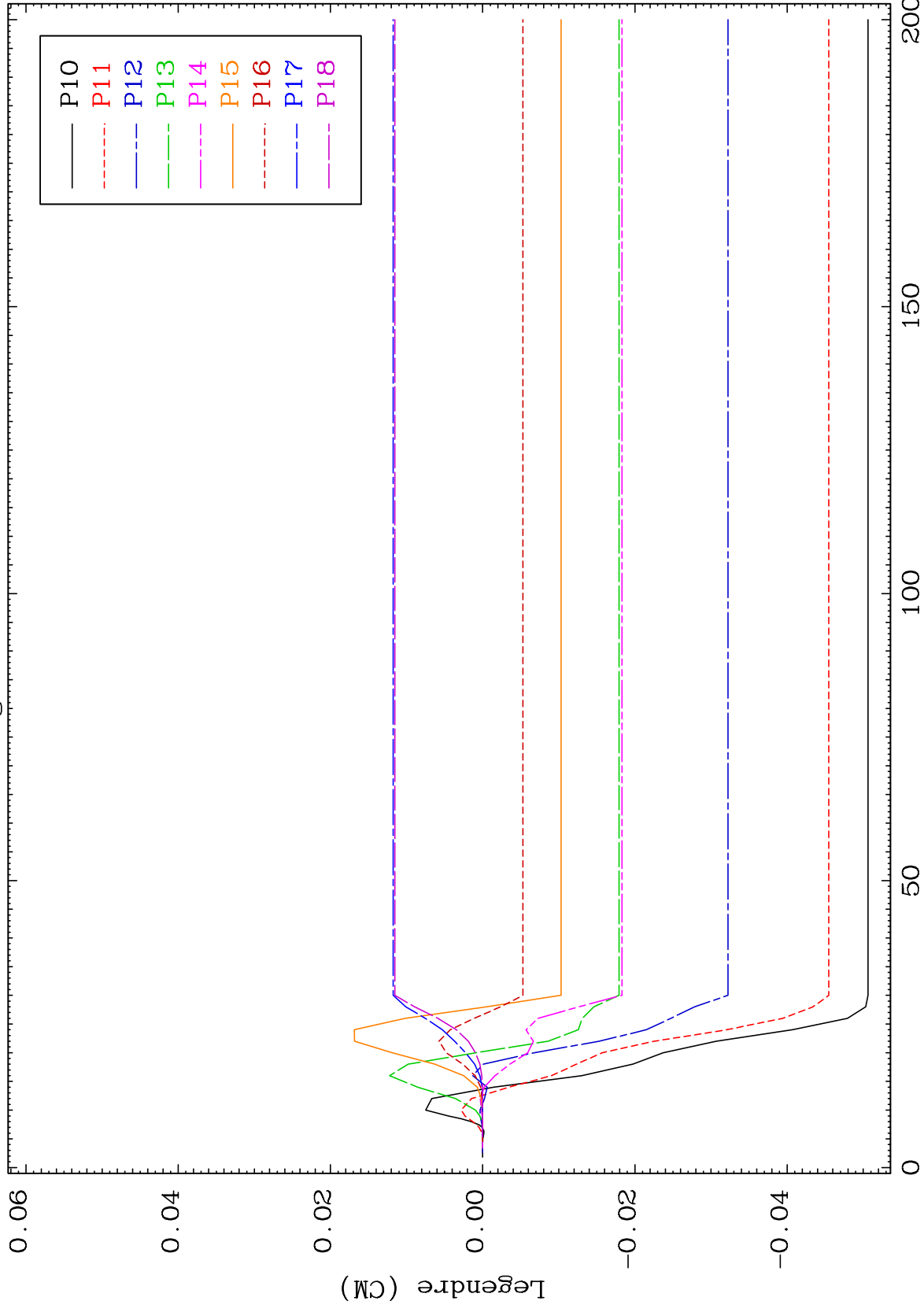
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MAT 5131

1.337 MeV (n,n') Level  
Legendre Coefficients

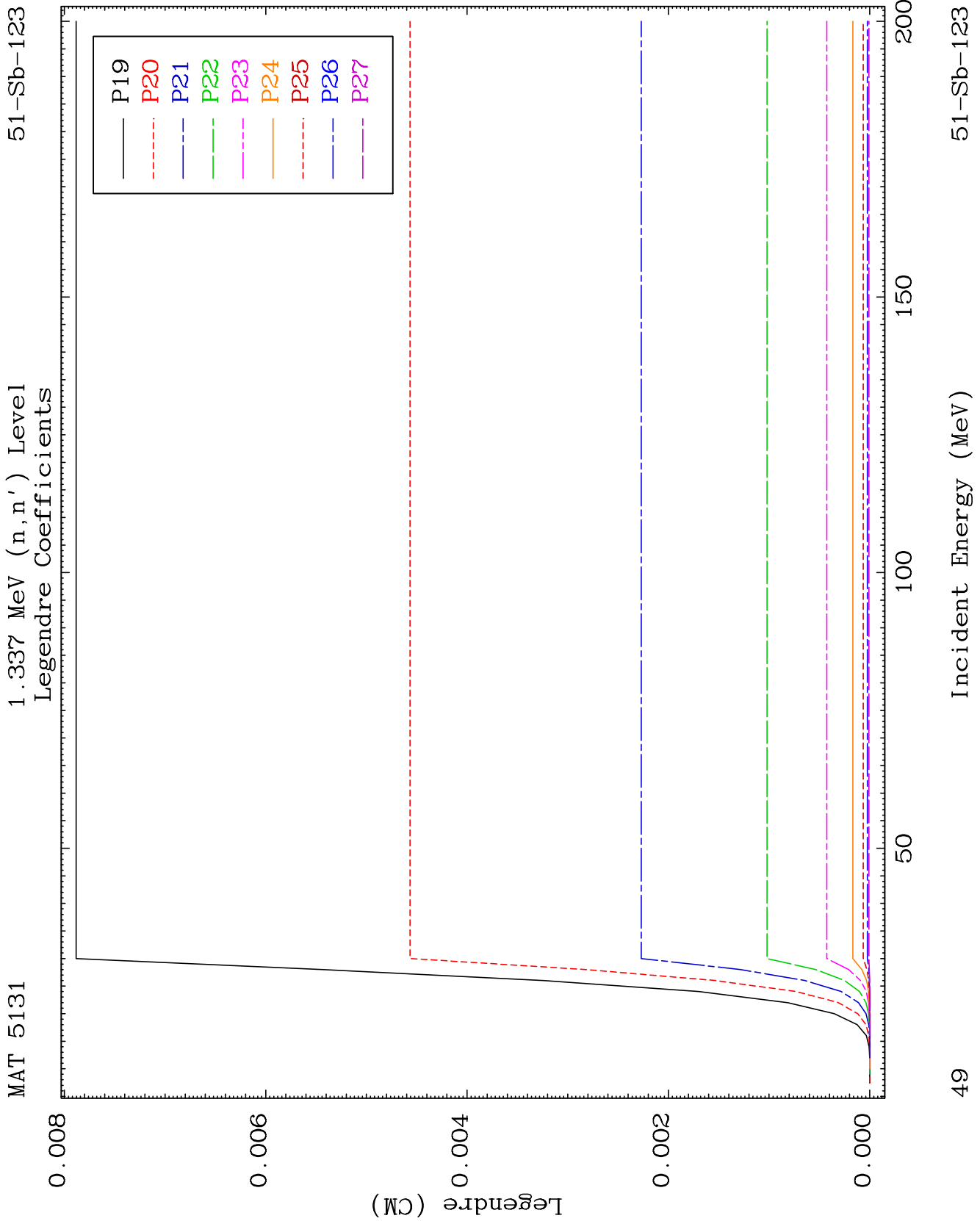
51-Sb-123



48

Incident Energy (MeV)

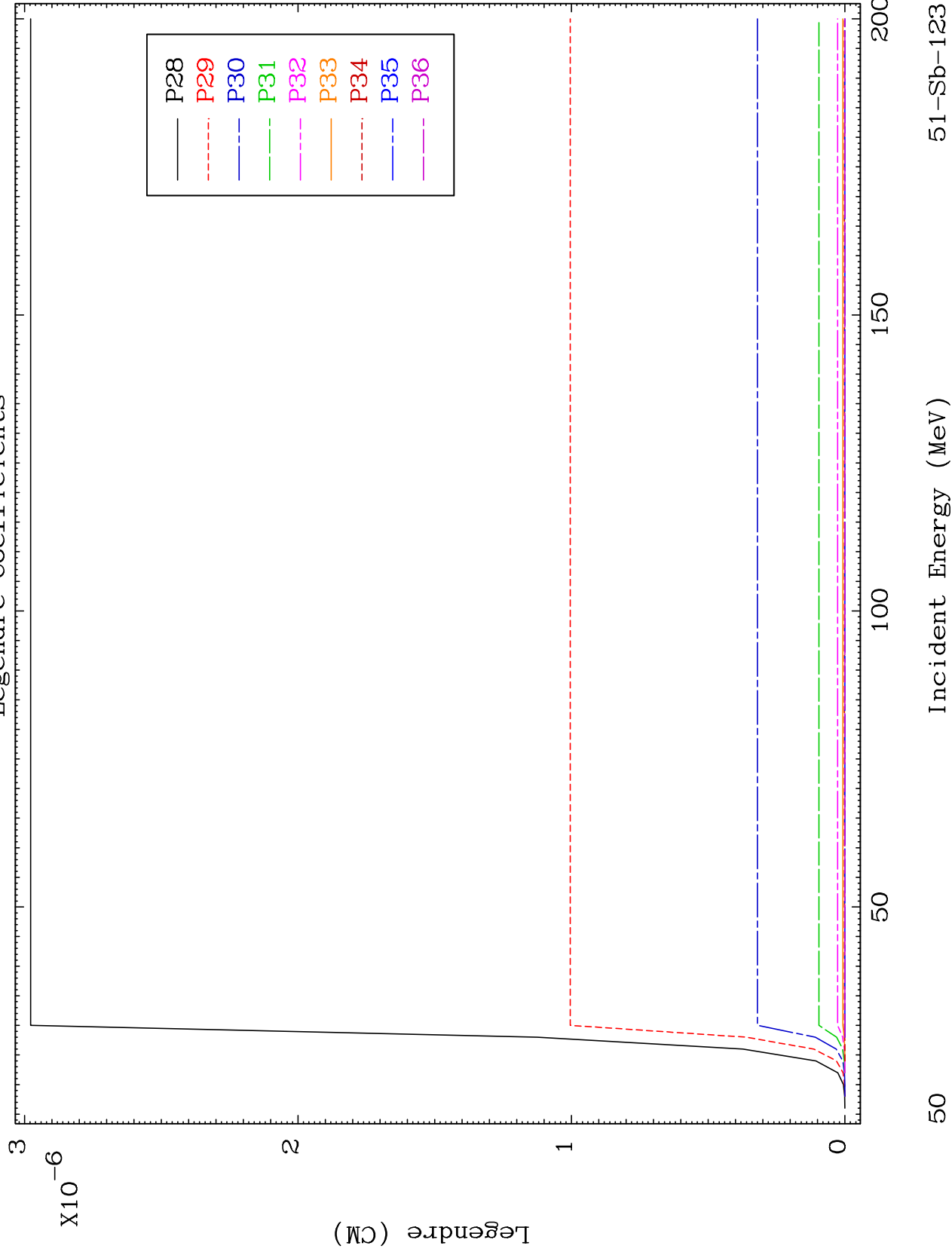
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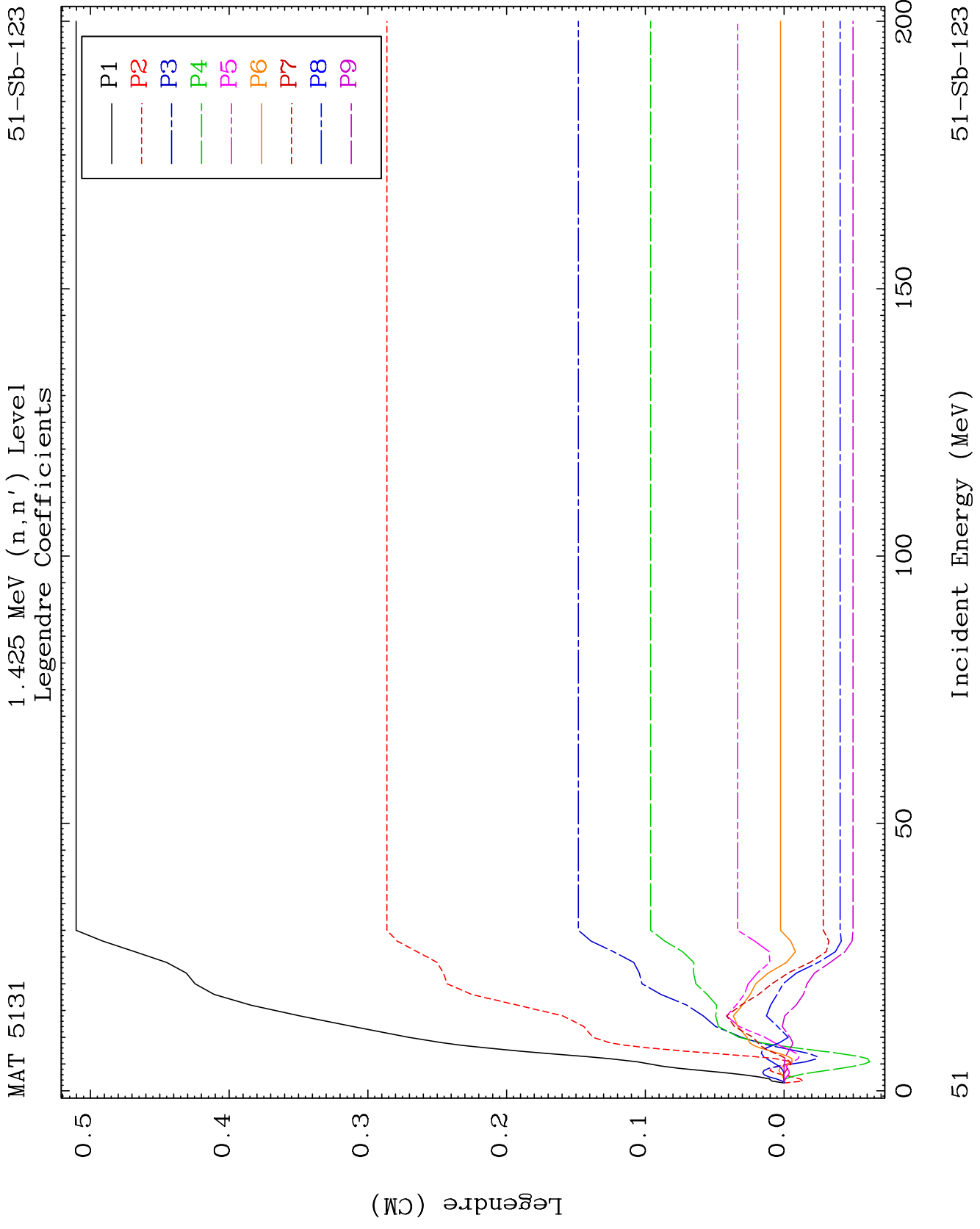


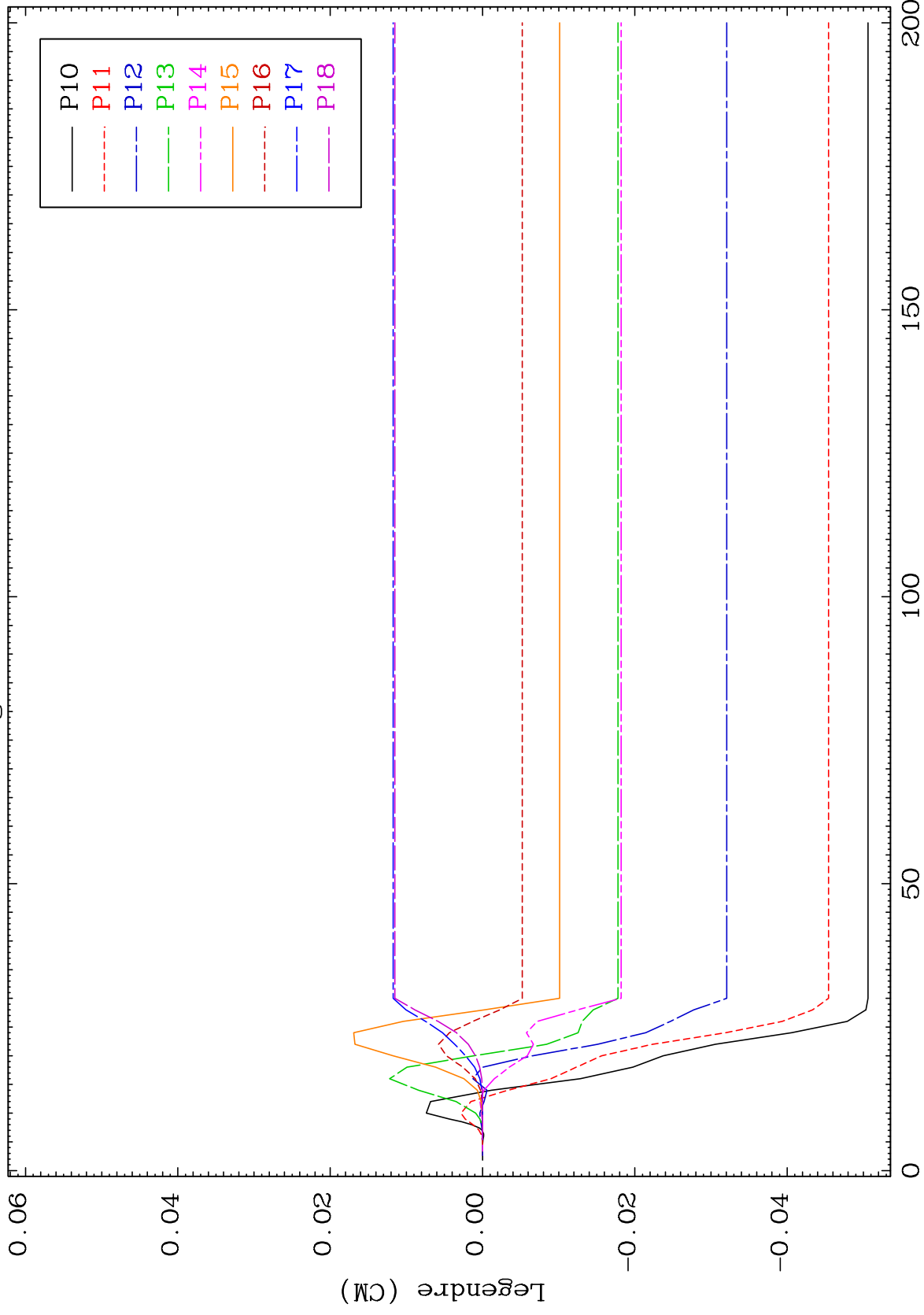
MAT 5131

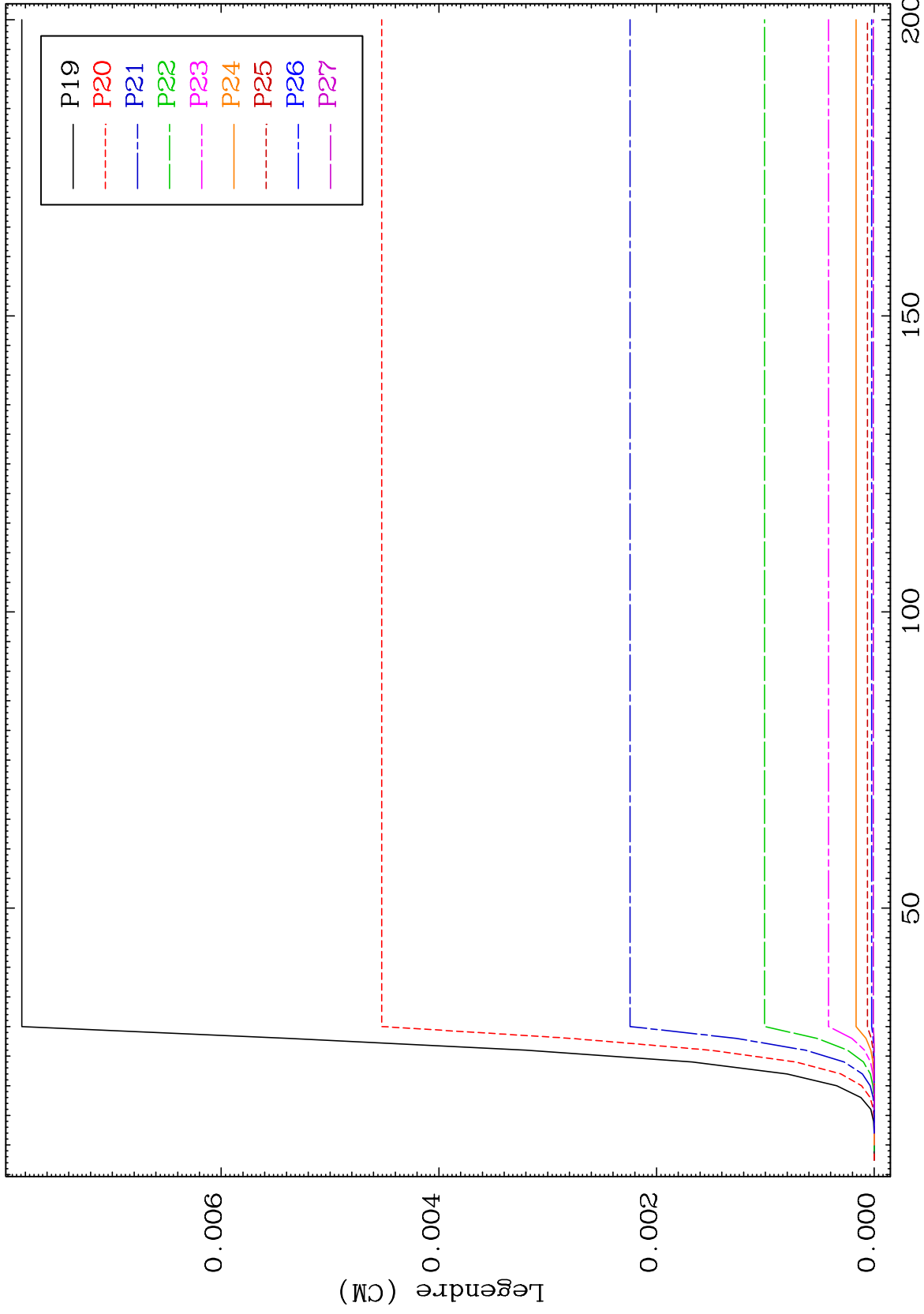
1.337 MeV (n,n') Level  
Legendre Coefficients

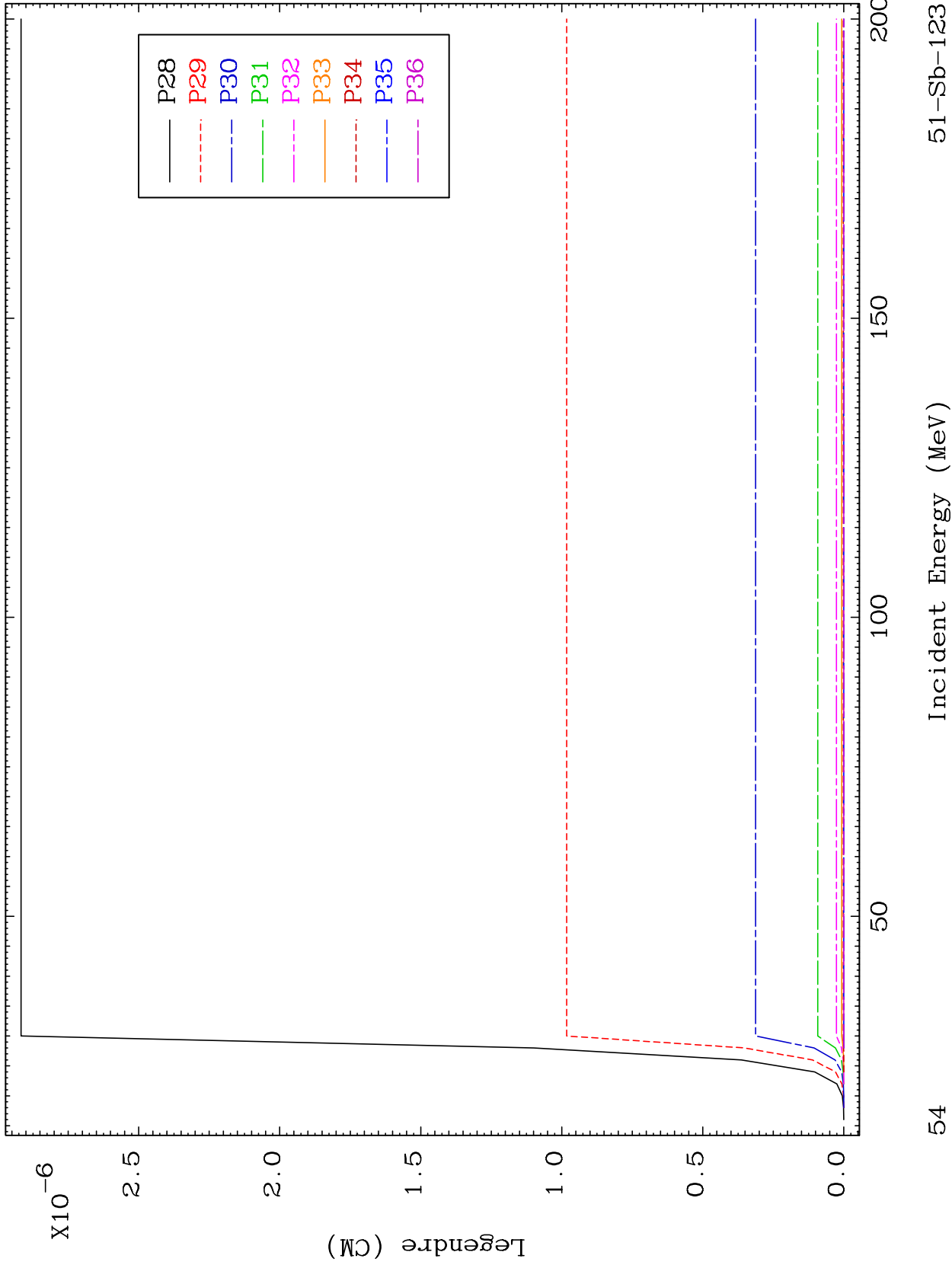
51-Sb-123





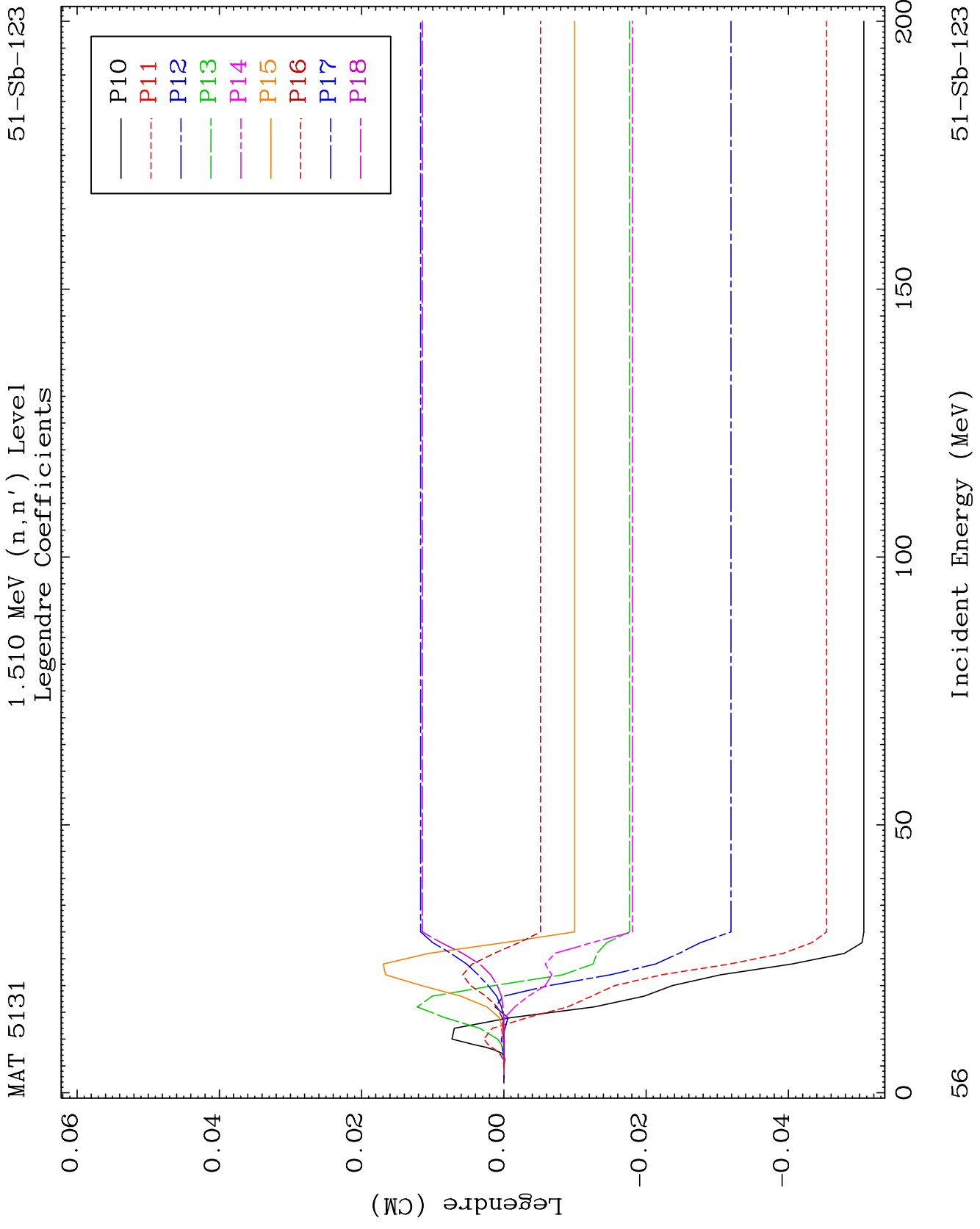








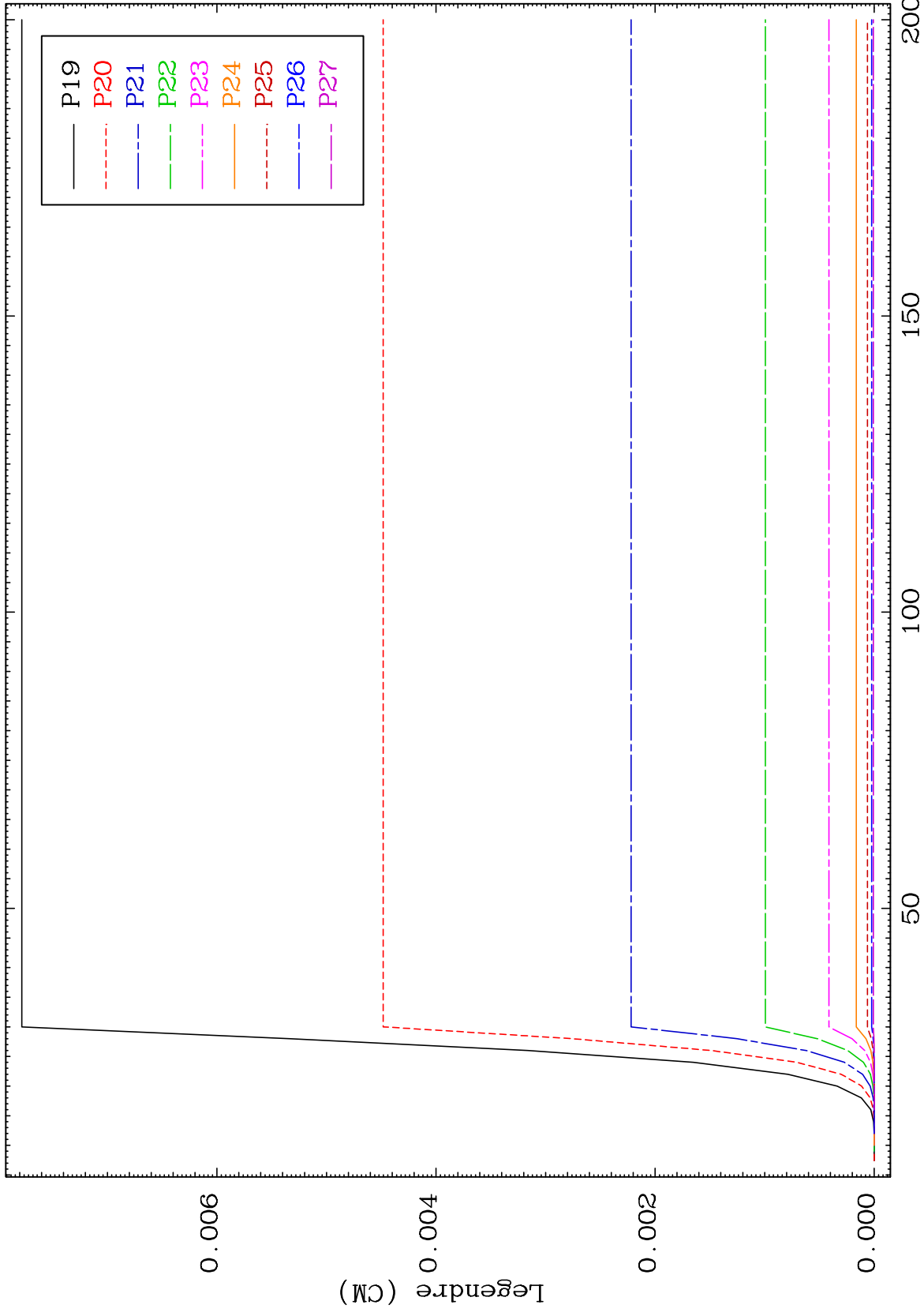




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1.510 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



57

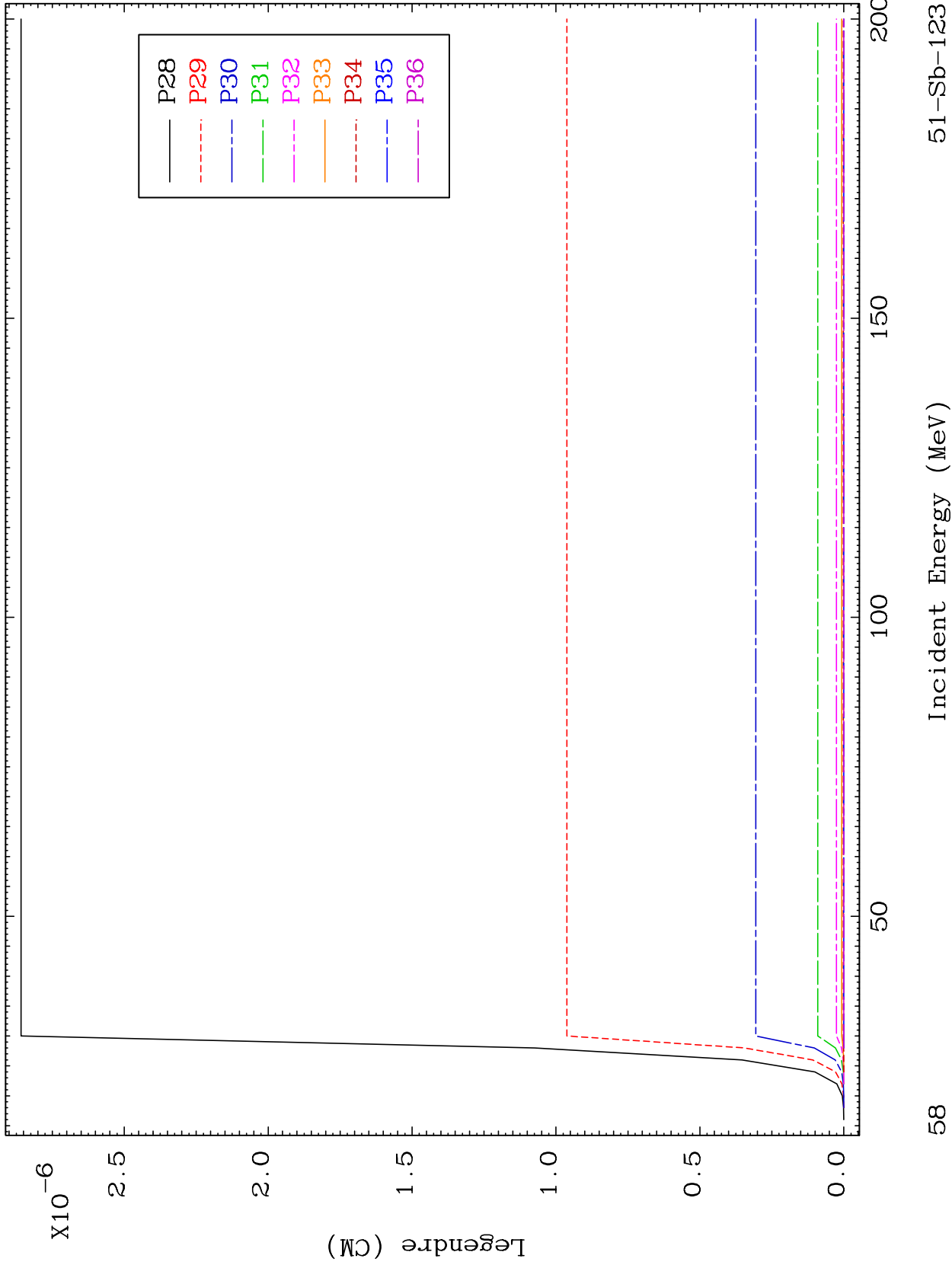
Incident Energy (MeV)

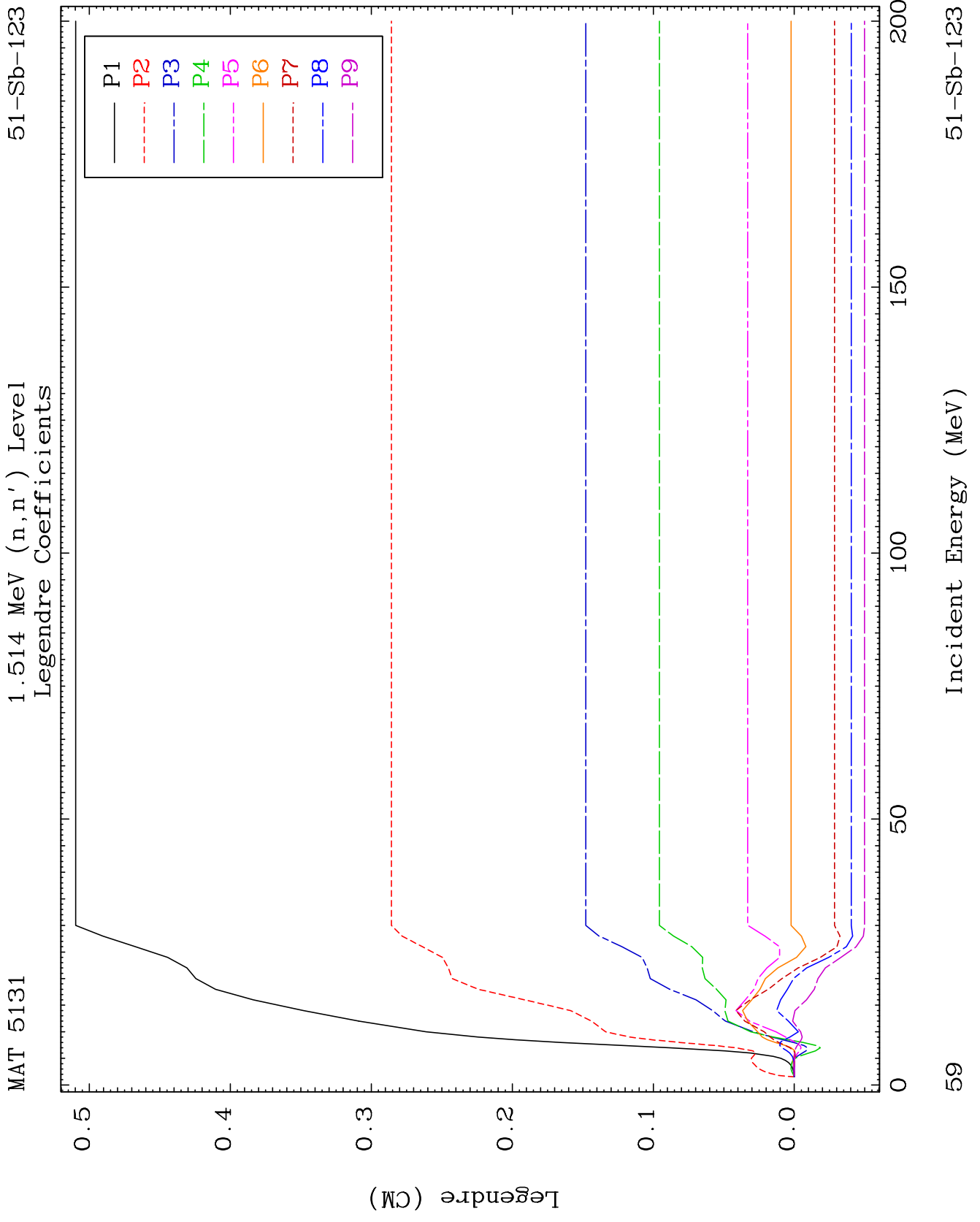
51-Sb-123

MAT 5131

1.510 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



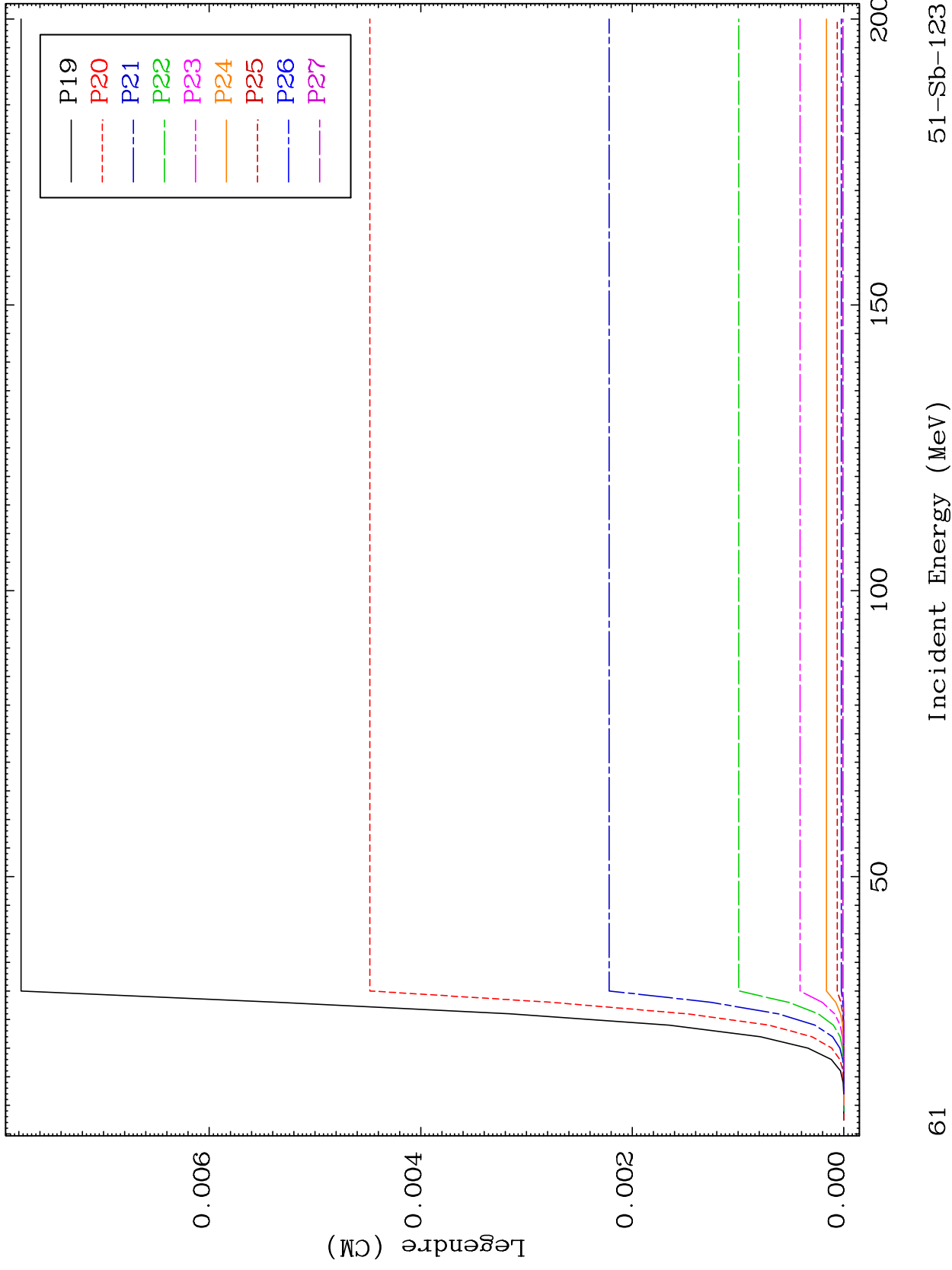




MAT 5131

1.514 MeV (n,n') Level  
Legendre Coefficients

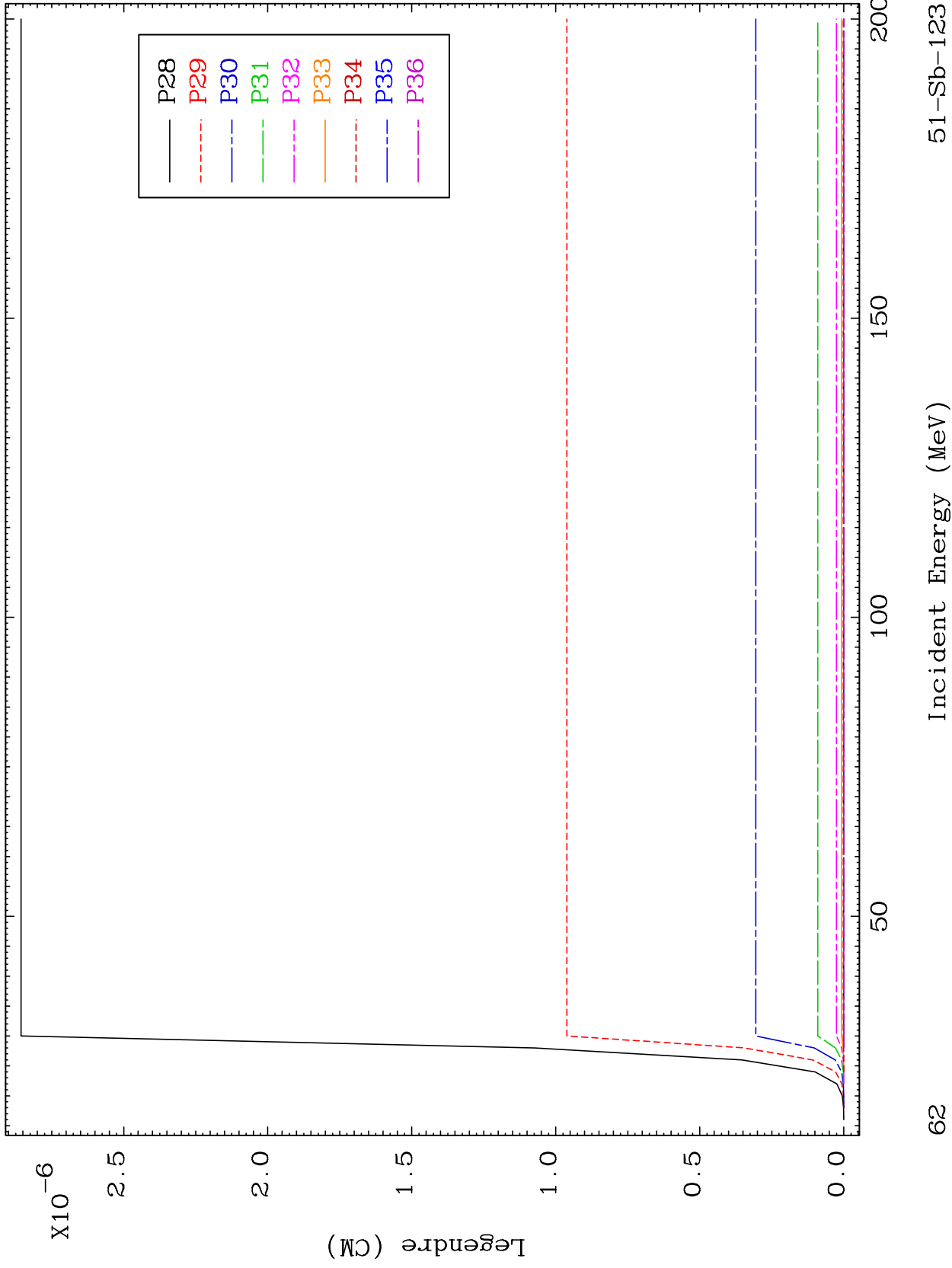
51-Sb-123



MAT 5131

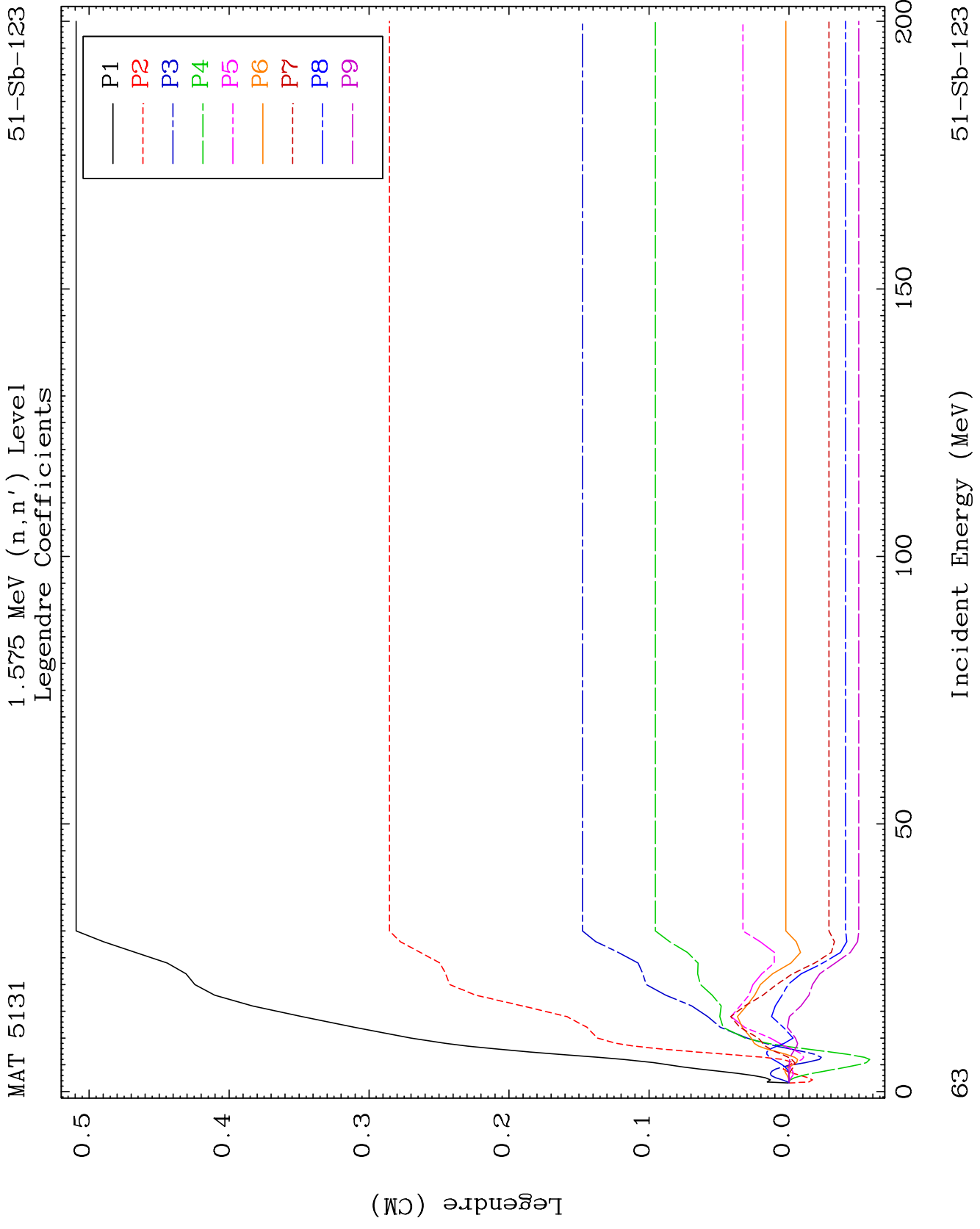
1.514 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123

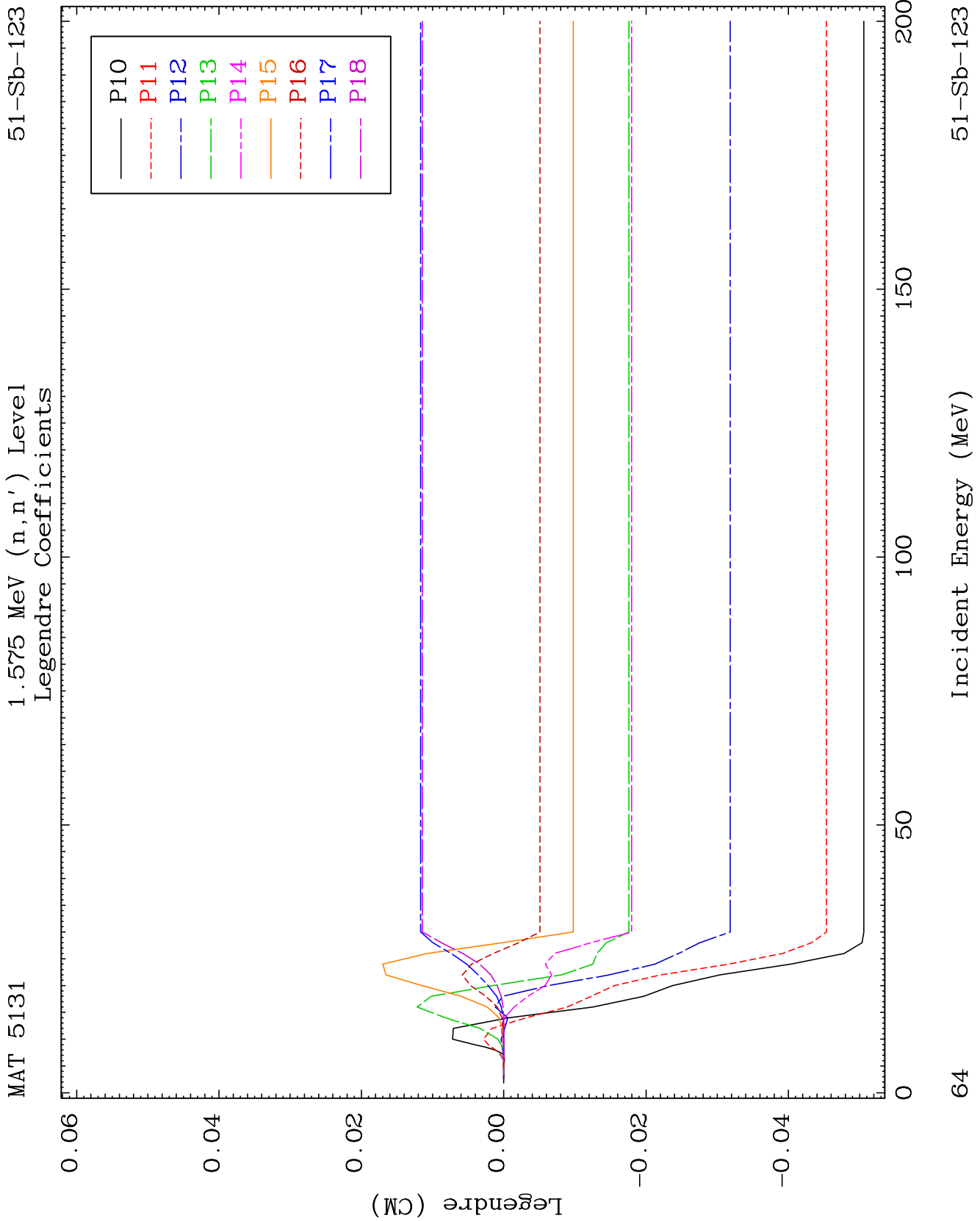


62

51-Sb-123



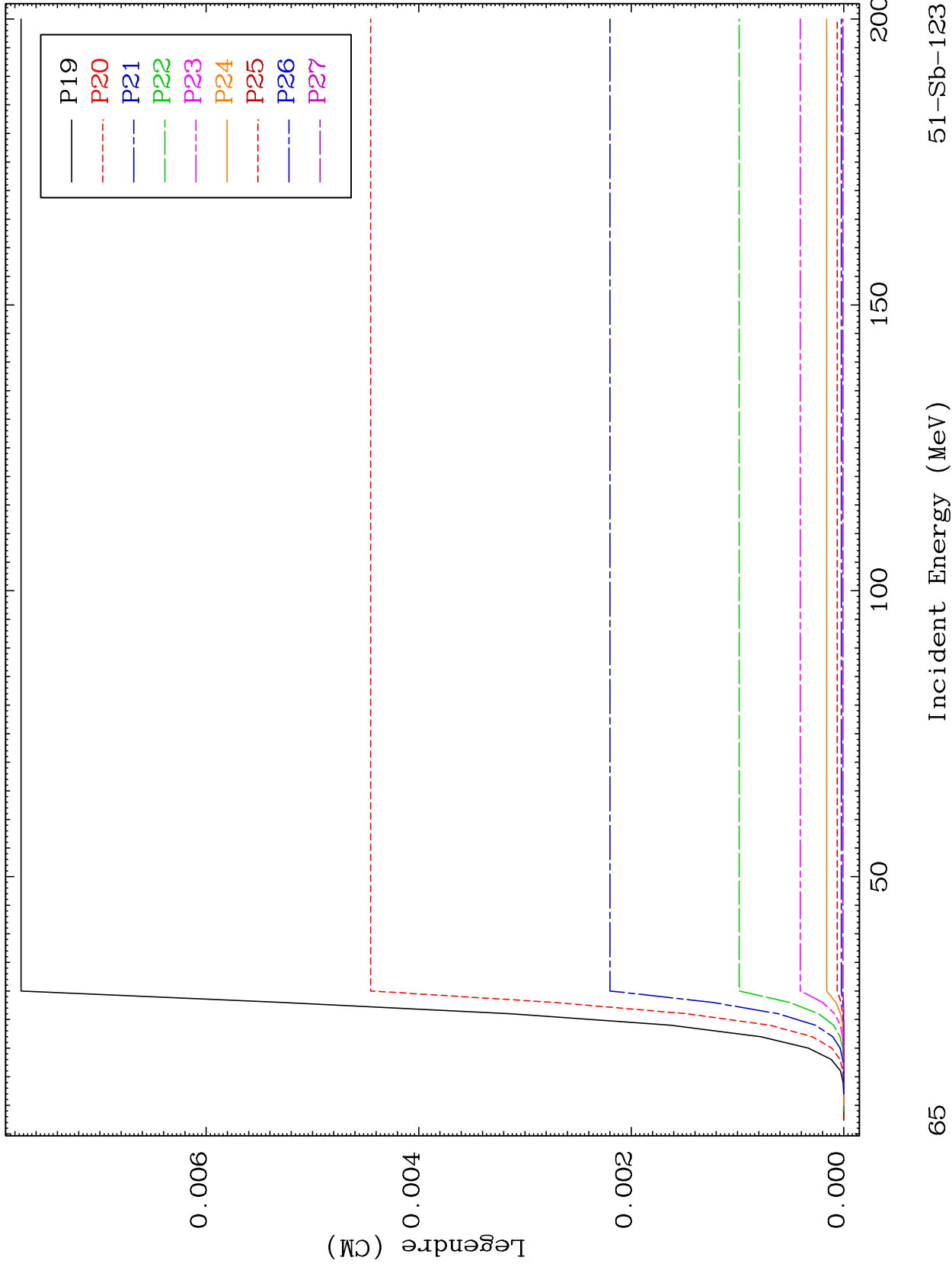




MAT 5131

1.575 MeV (n,n') Level  
Legendre Coefficients

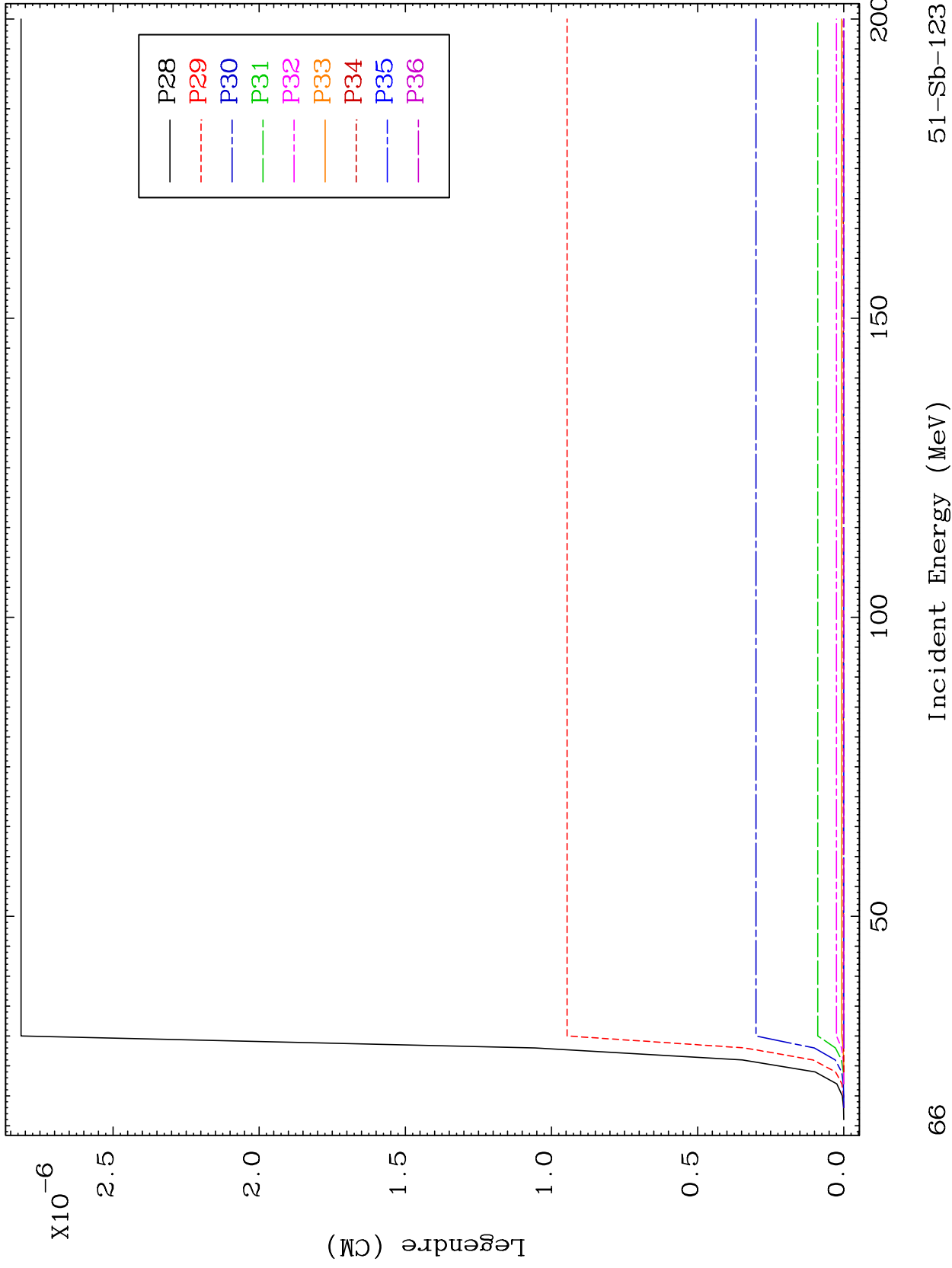
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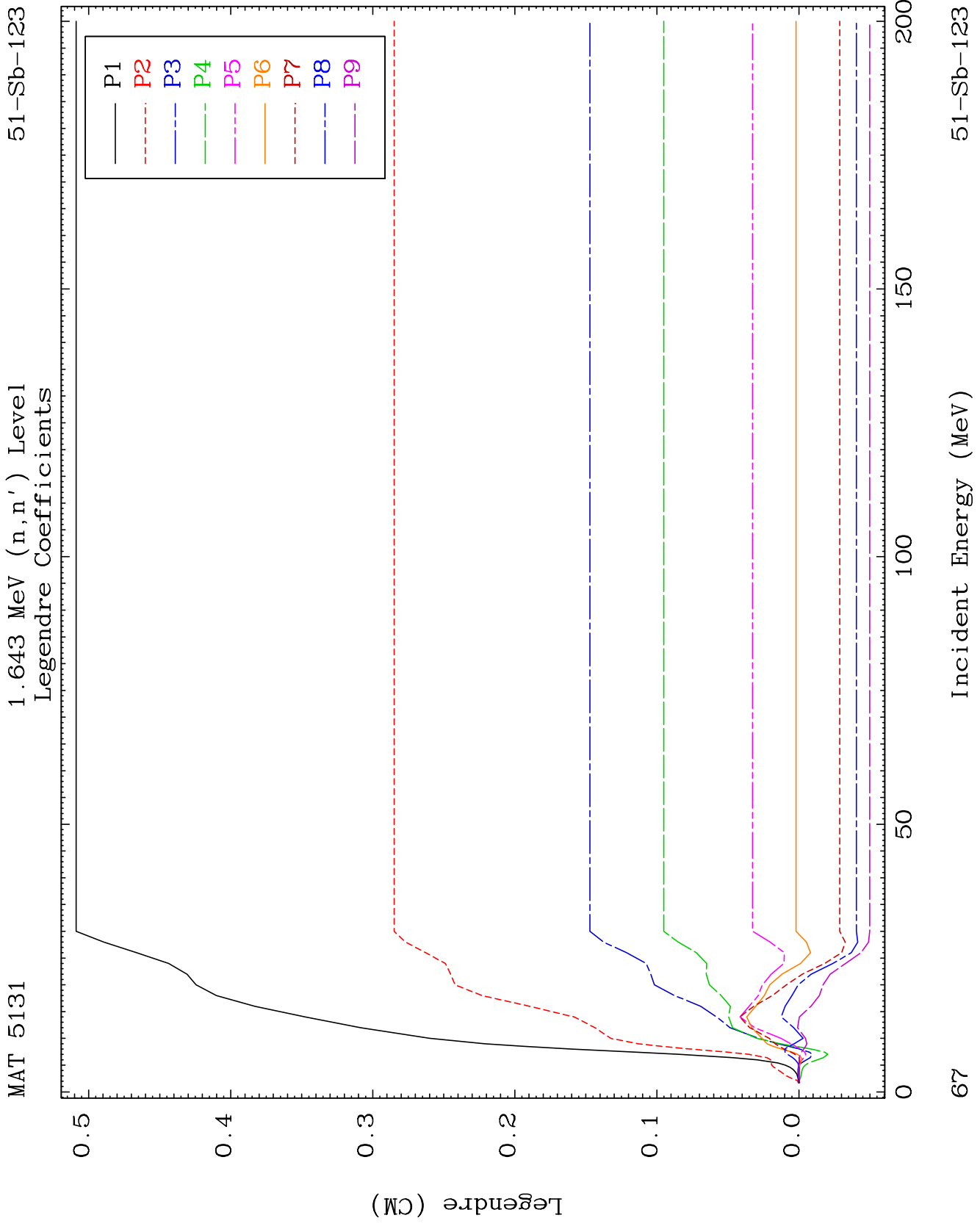


65

Incident Energy (MeV)

51-Sb-123

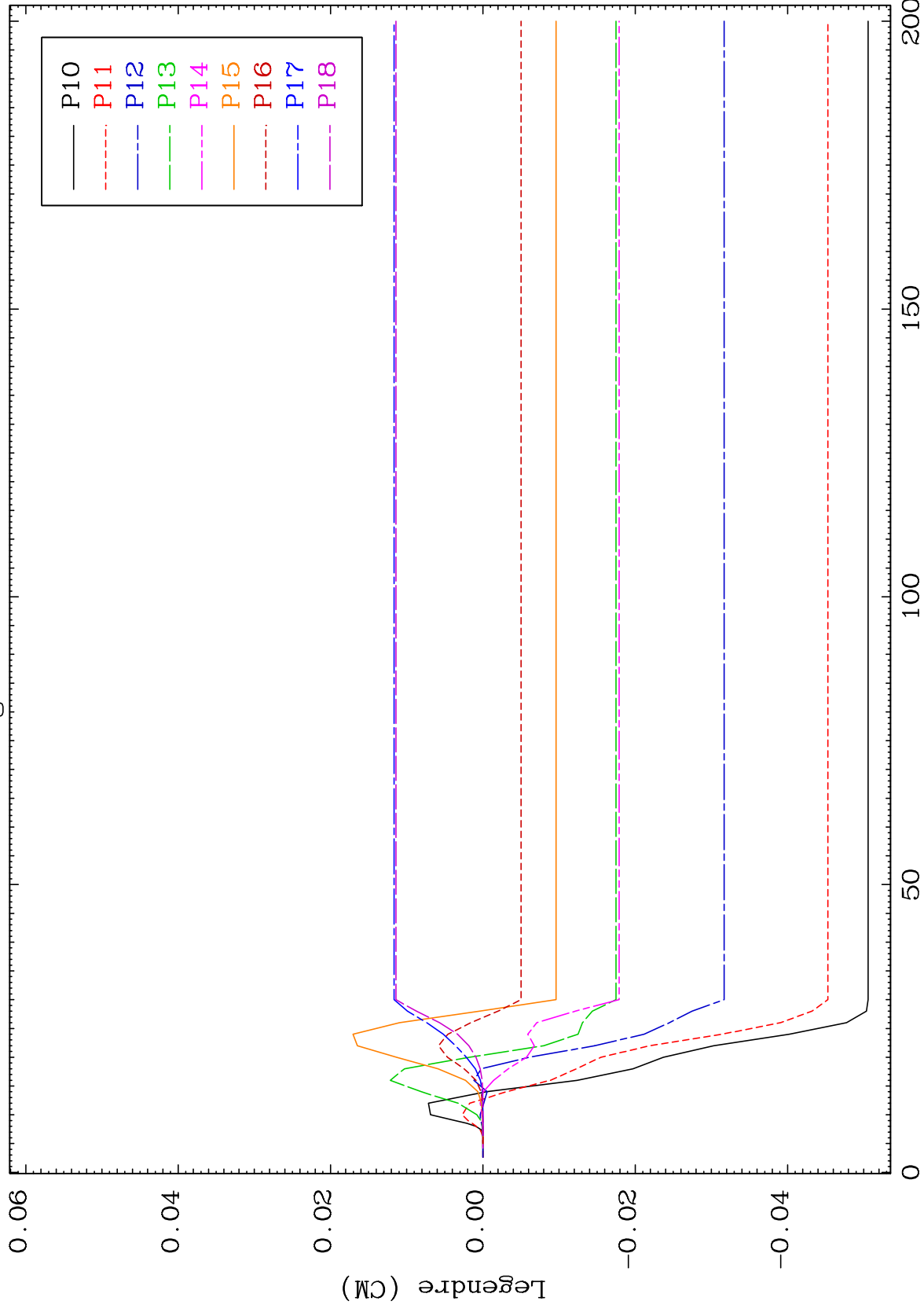




MAT 5131

1.643 MeV (n,n') Level  
Legendre Coefficients

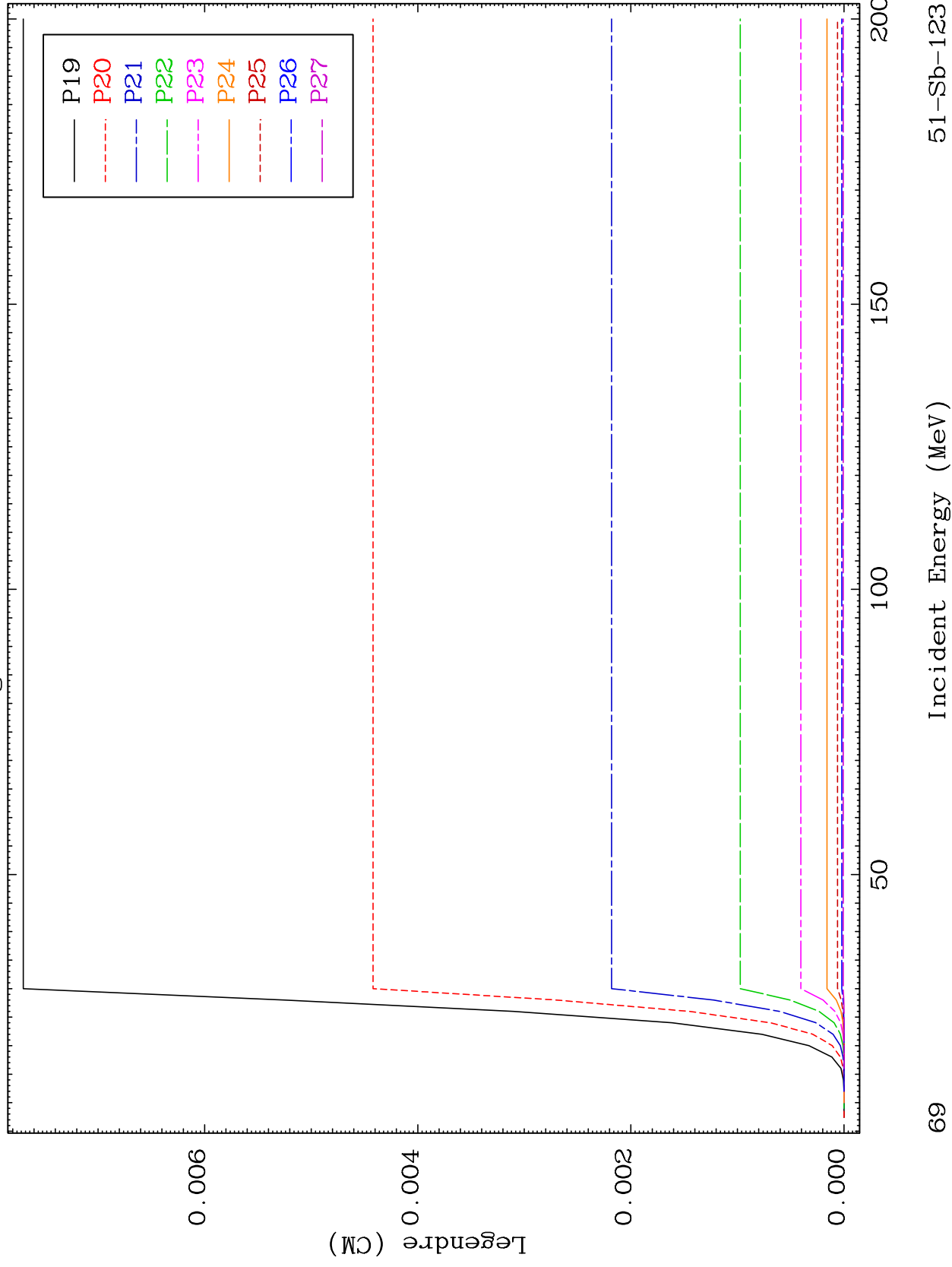
51-Sb-123



68

Incident Energy (MeV)

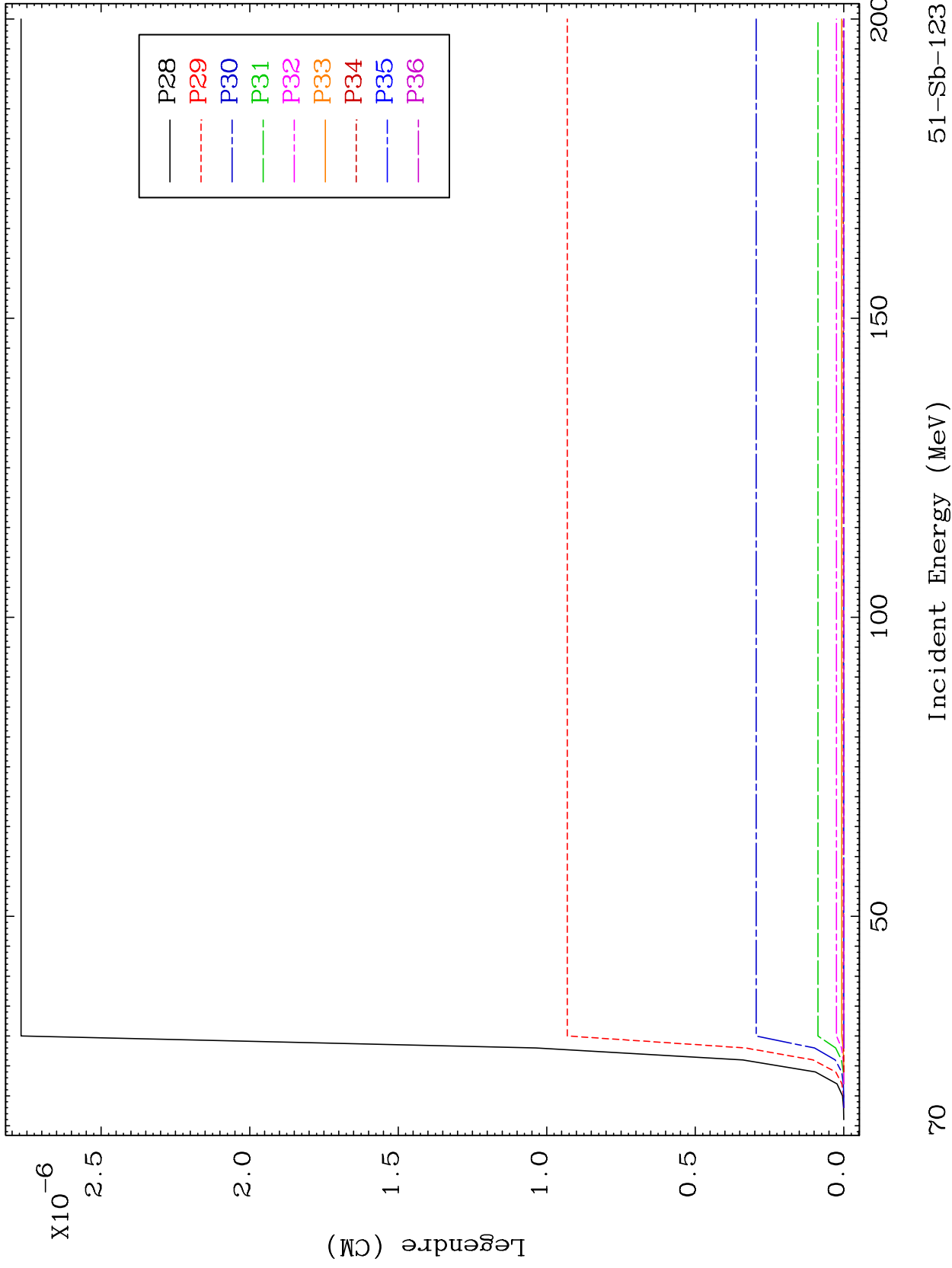
51-Sb-123



MAT 5131

1.643 MeV (n,n') Level  
Legendre Coefficients

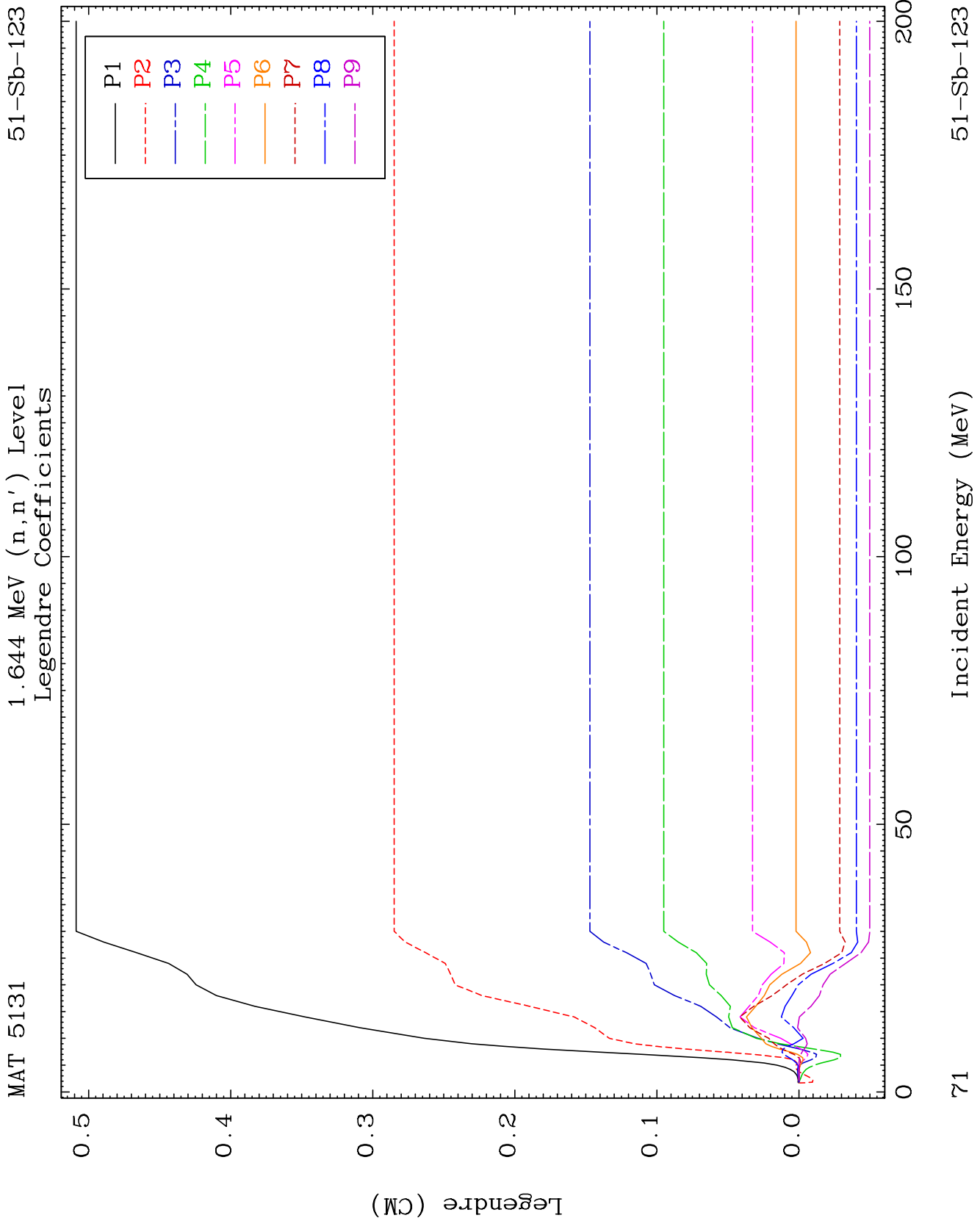
51-Sb-123



70

Incident Energy (MeV)

51-Sb-123

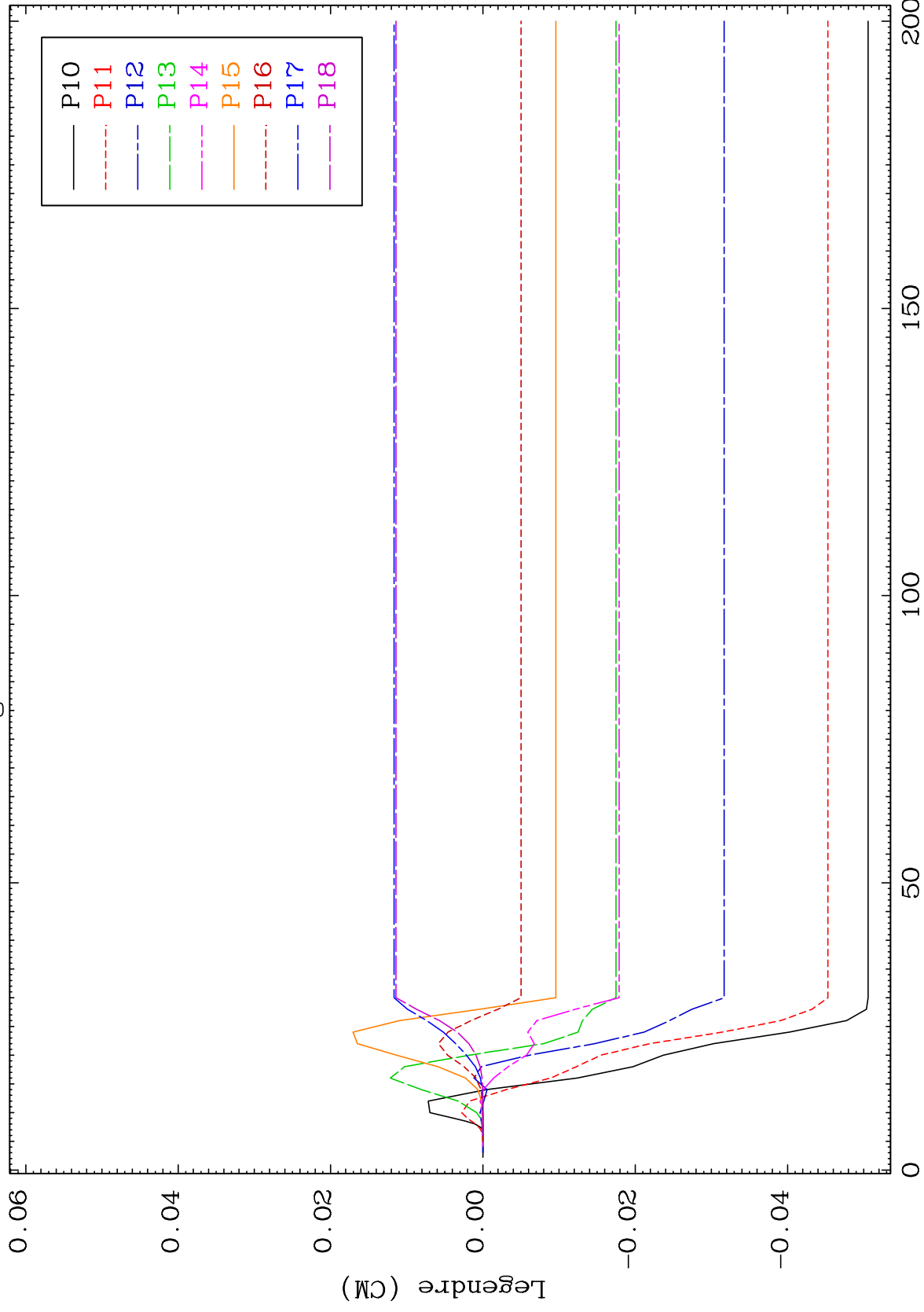




MAT 5131

1.644 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



72

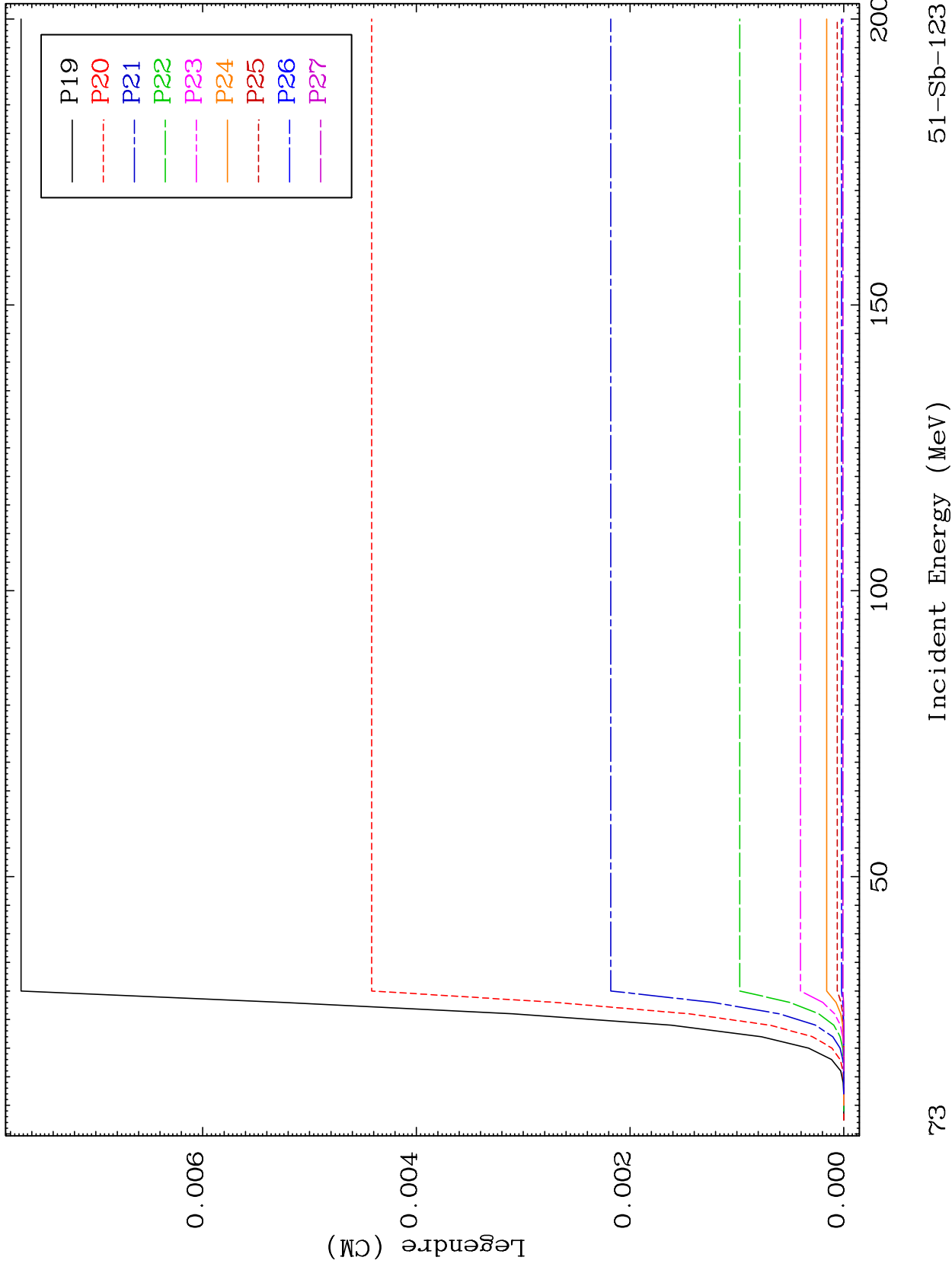
Incident Energy (MeV)

51-Sb-123

MAT 5131

1.644 MeV (n,n') Level  
Legendre Coefficients

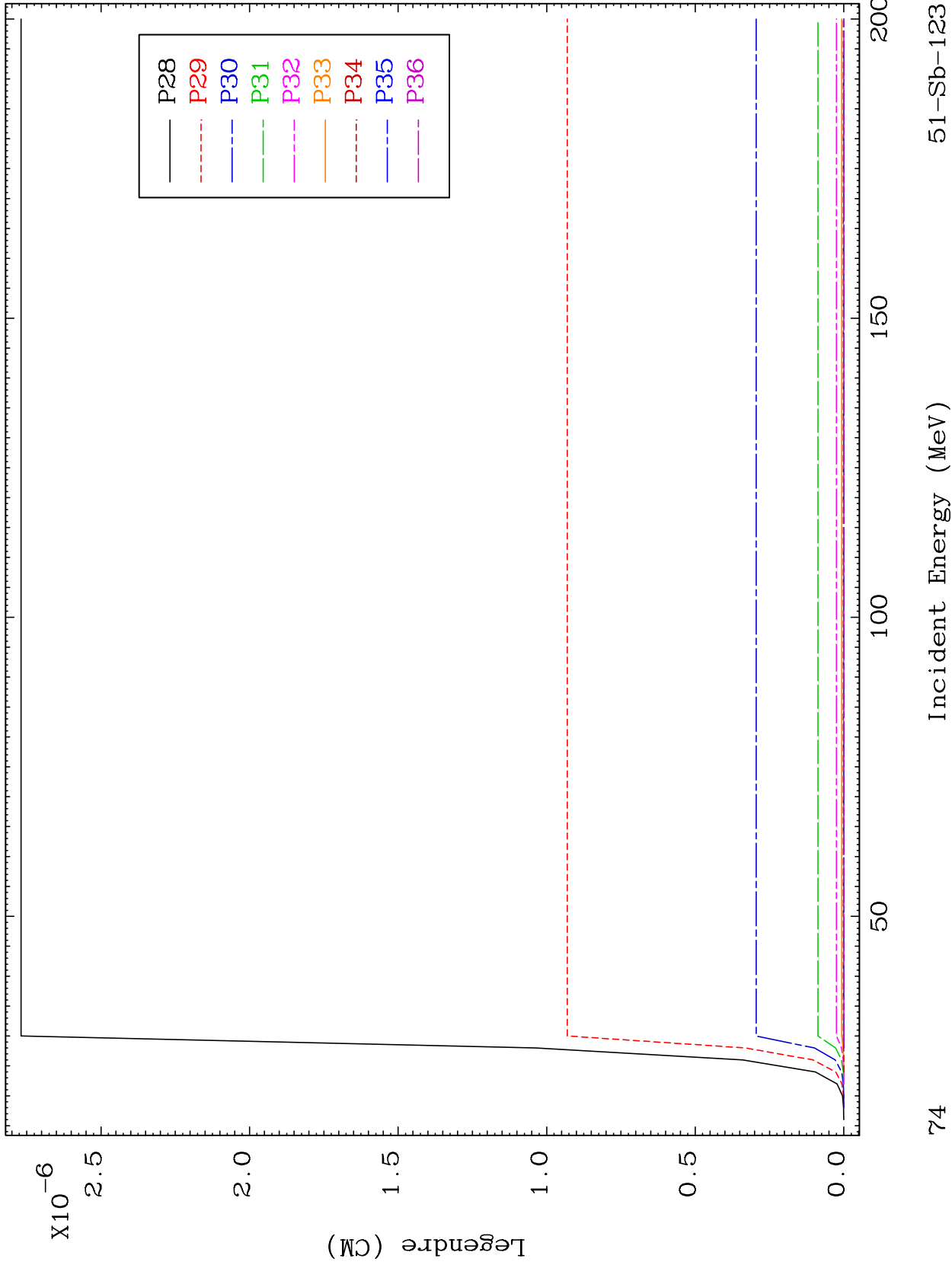
51-Sb-123



73

Incident Energy (MeV)

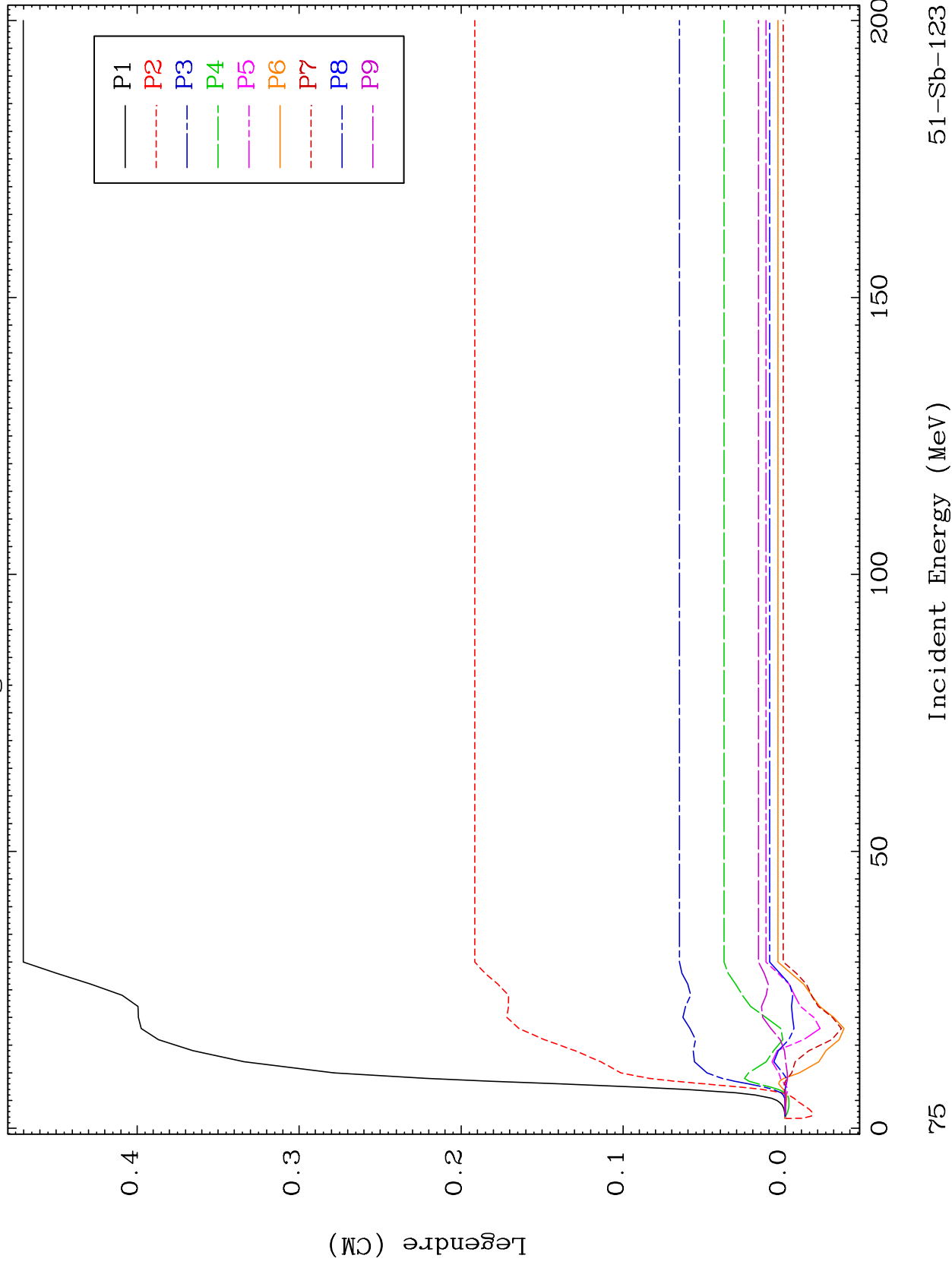
51-Sb-123



MAT 5131

1.729 MeV (n,n') Level  
Legendre Coefficients

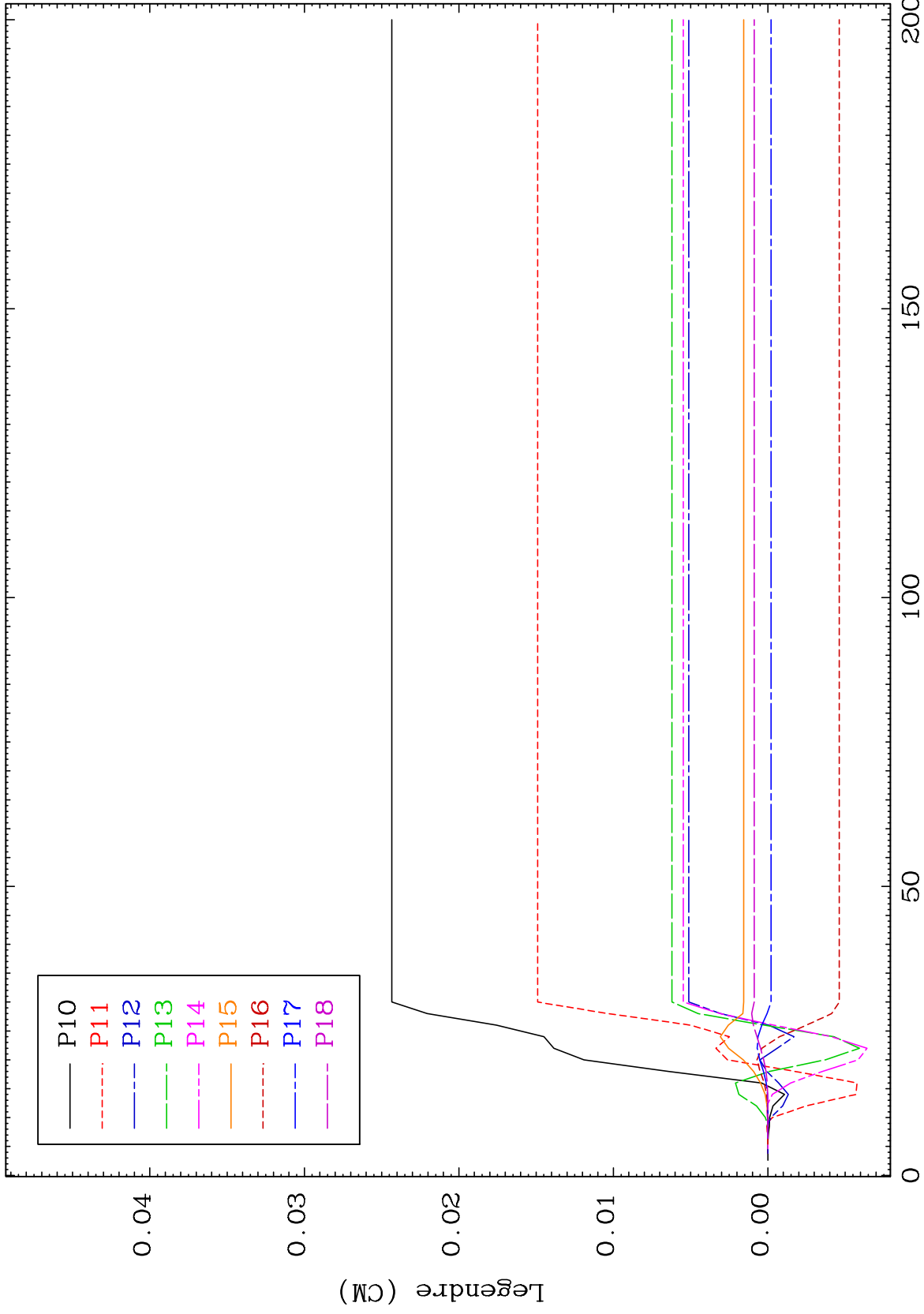
51-Sb-123



51-Sb-123

Incident Energy (MeV)

75

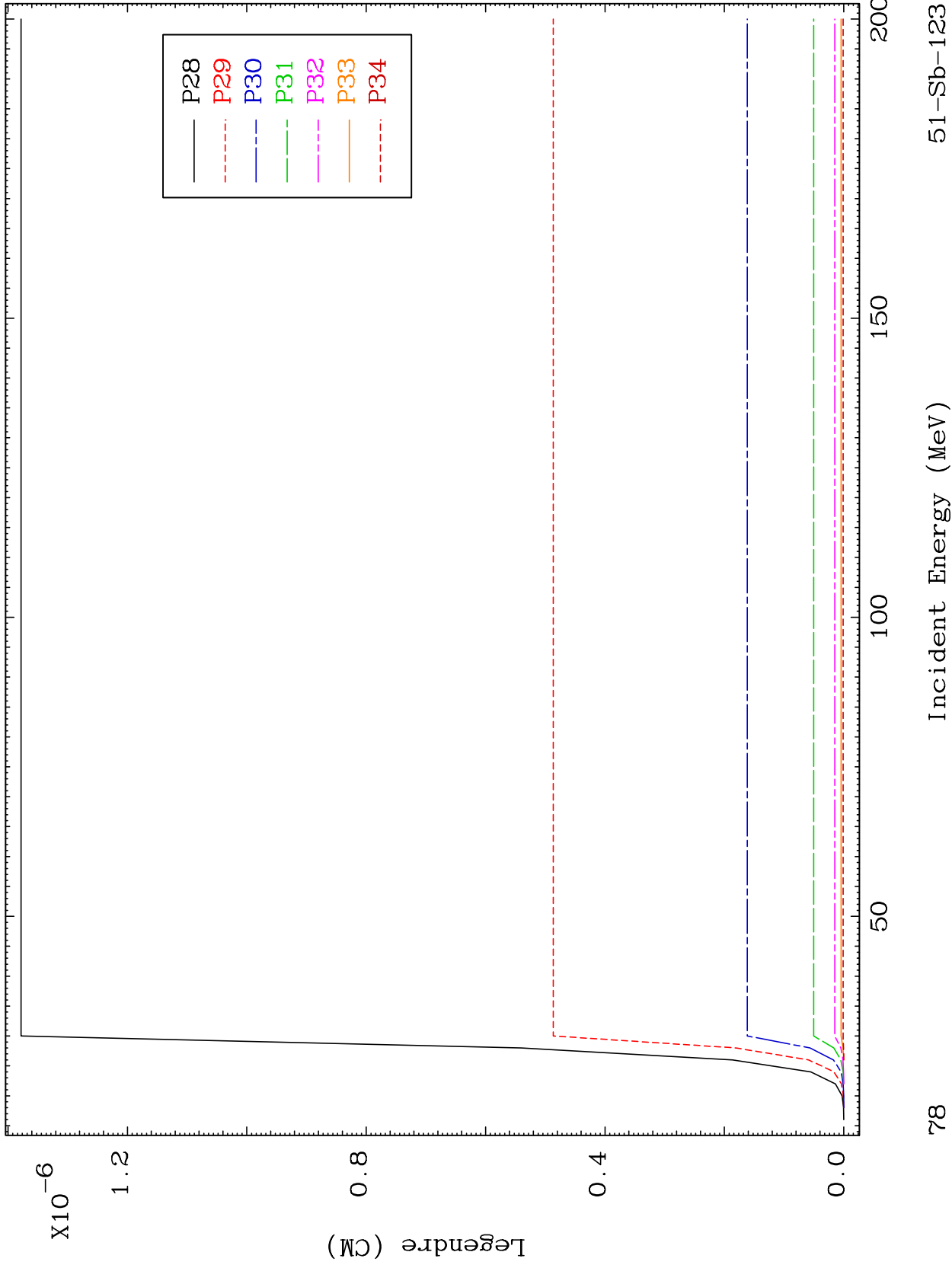




MAT 5131

1.729 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



78

51-Sb-123

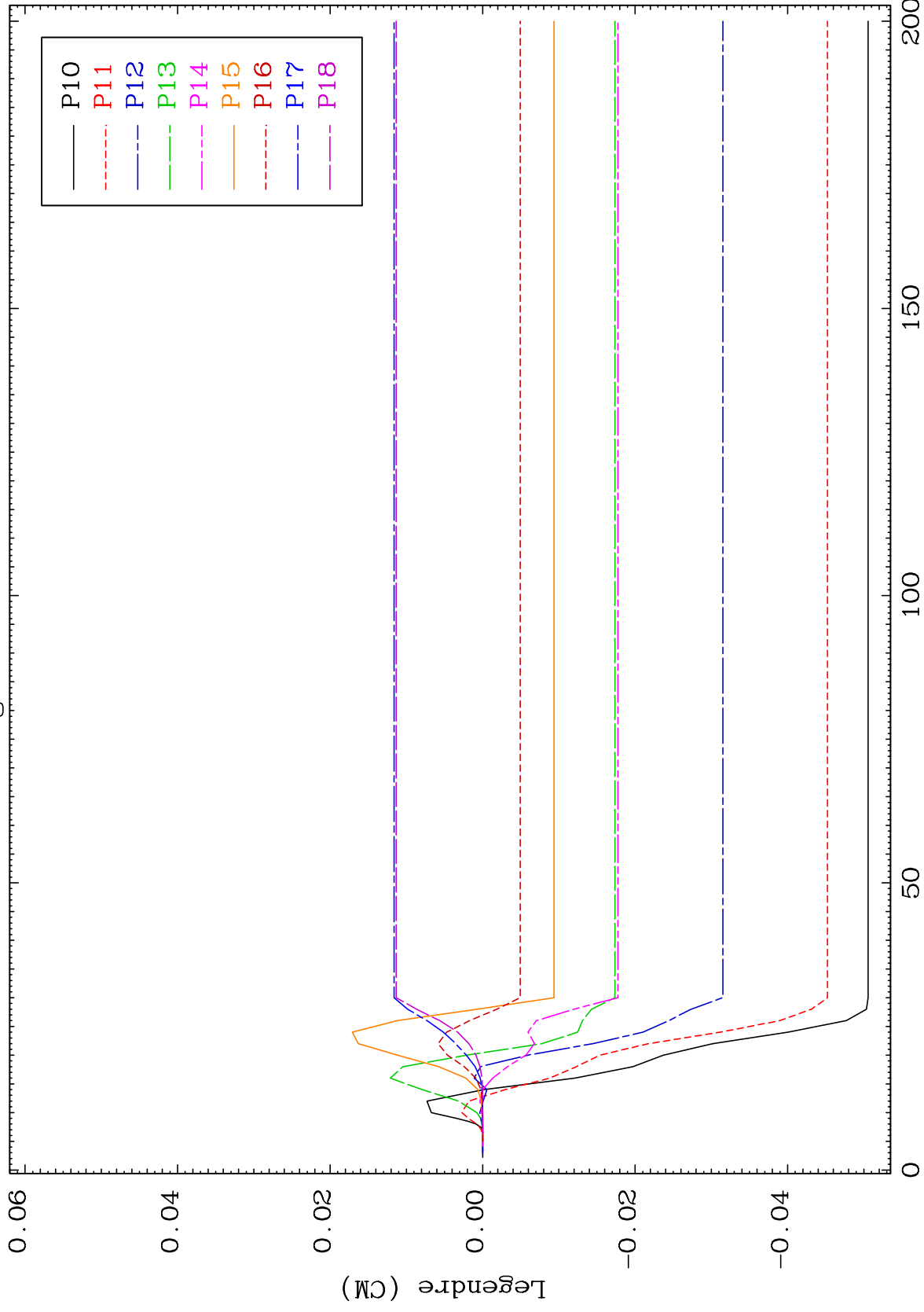




MAT 5131

1.745 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



80

Incident Energy (MeV)

150

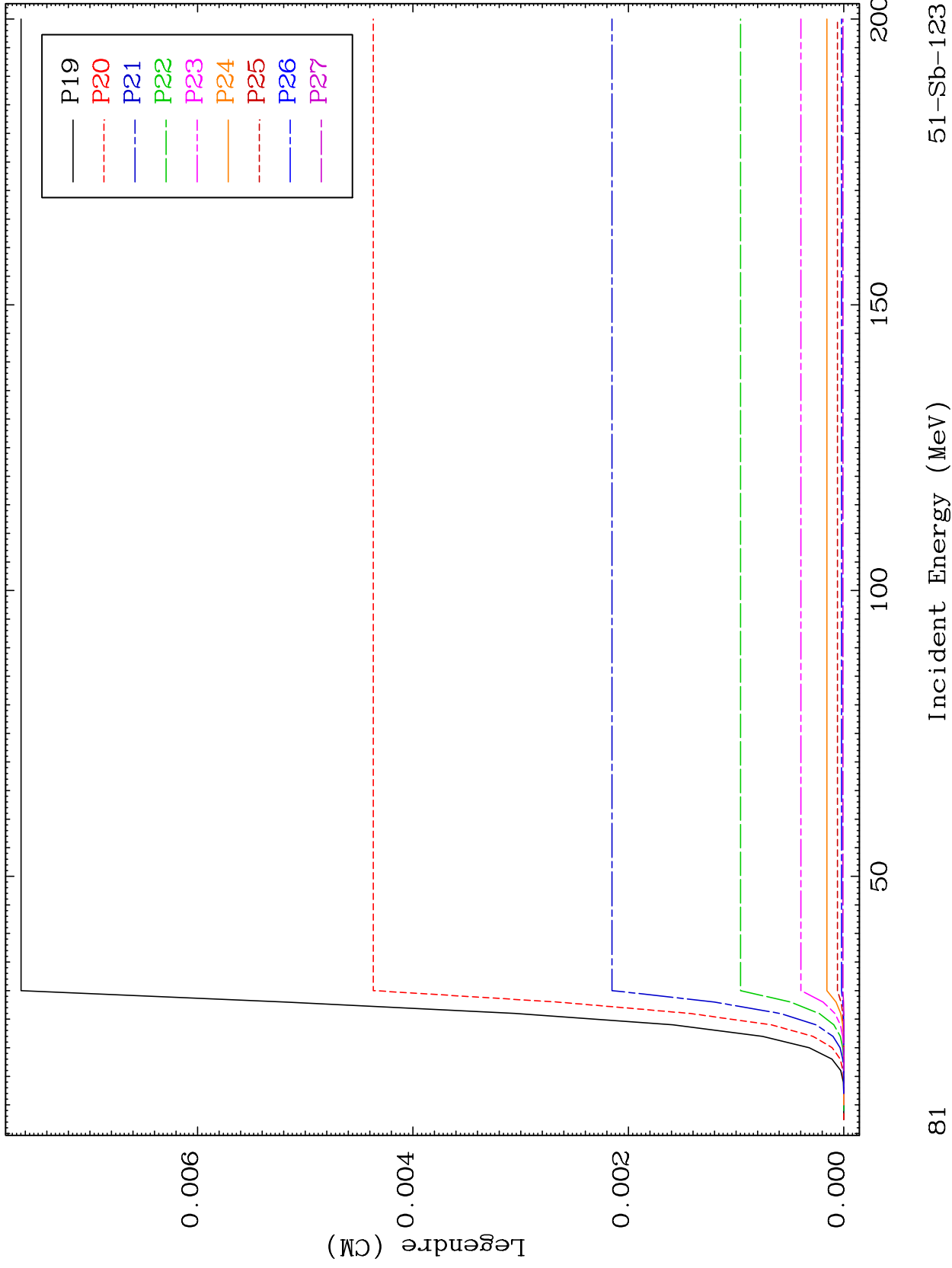
200

51-Sb-123

MAT 5131

1.745 MeV (n,n') Level  
Legendre Coefficients

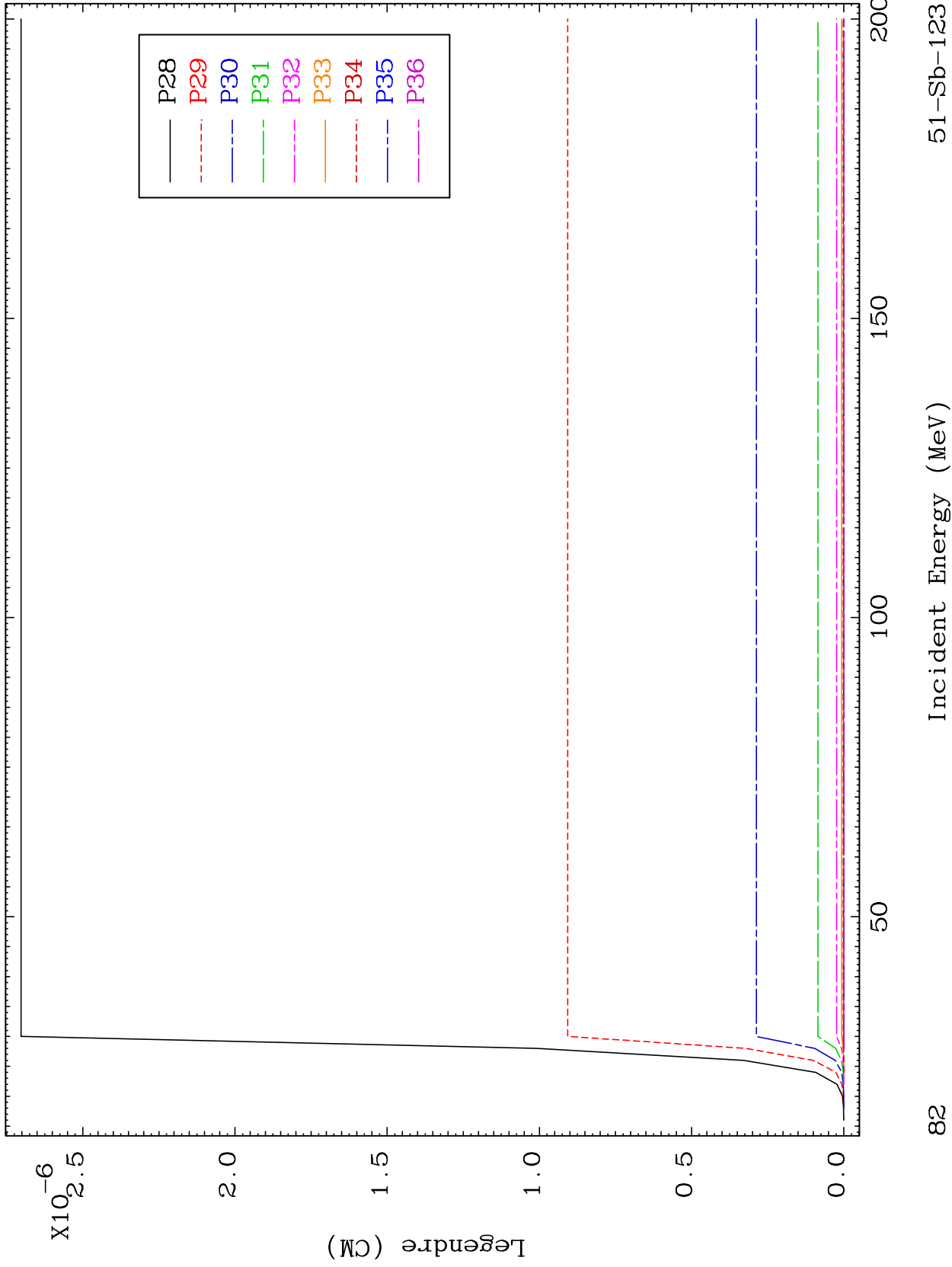
51-Sb-123

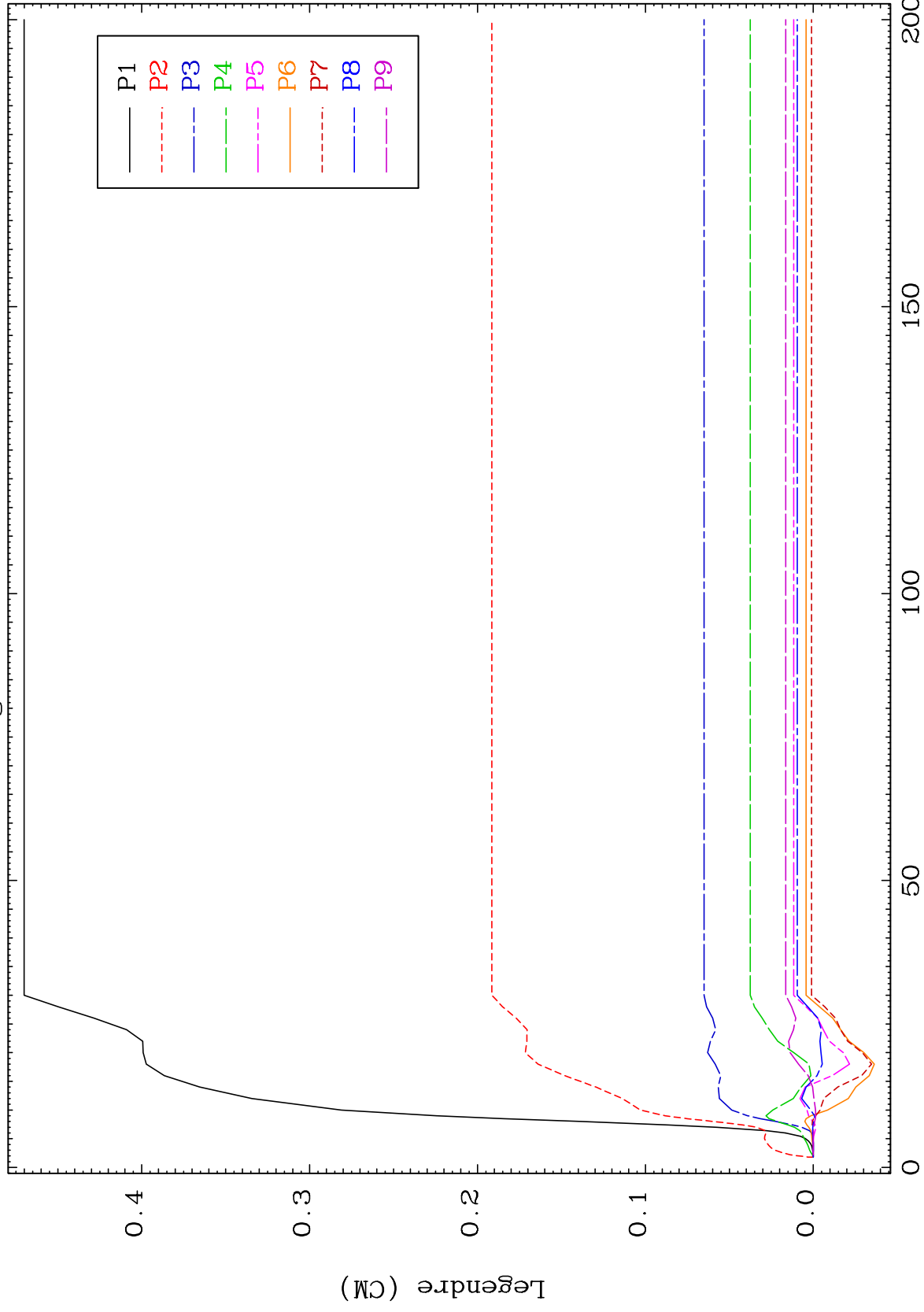


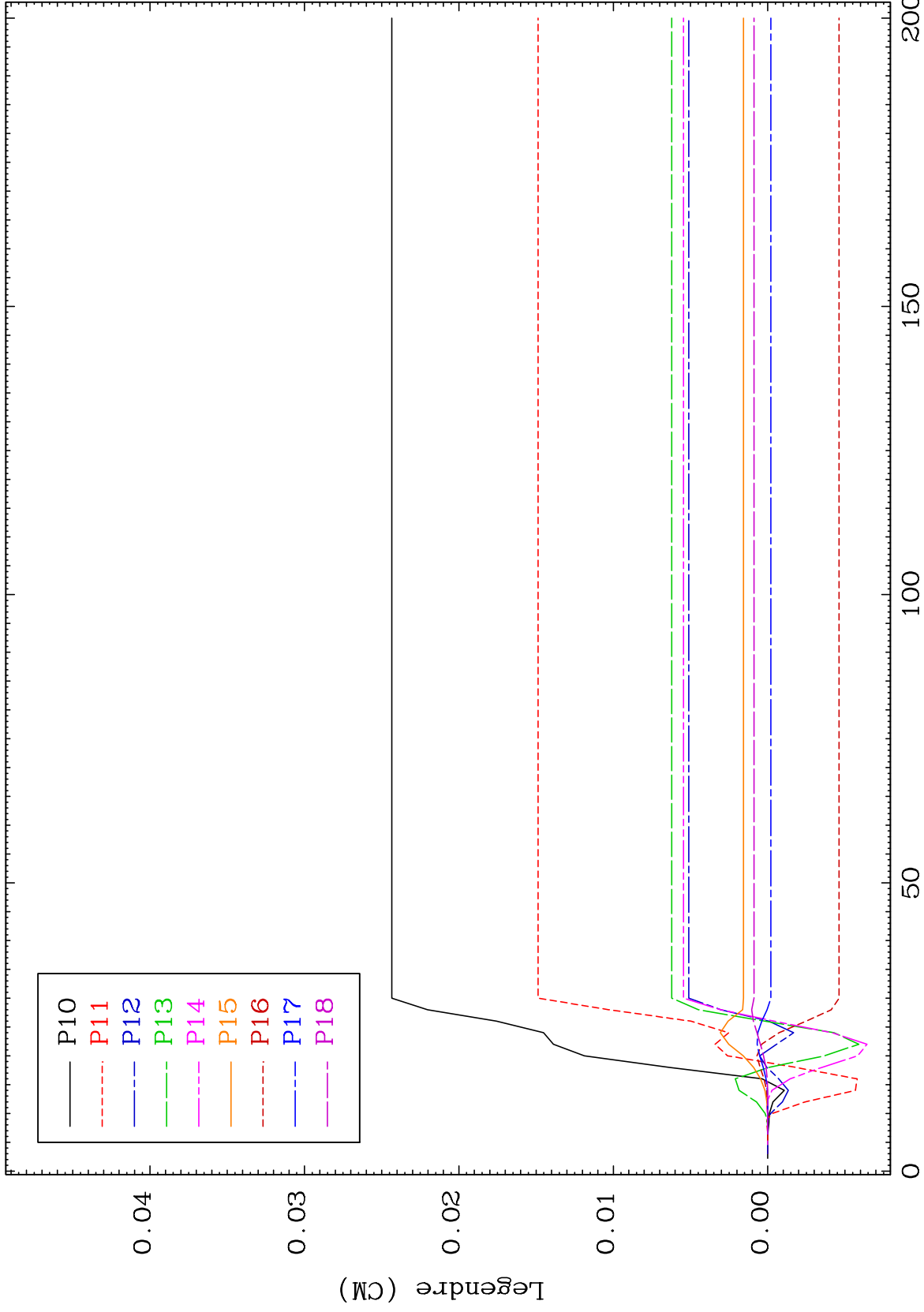
81

Incident Energy (MeV)

51-Sb-123



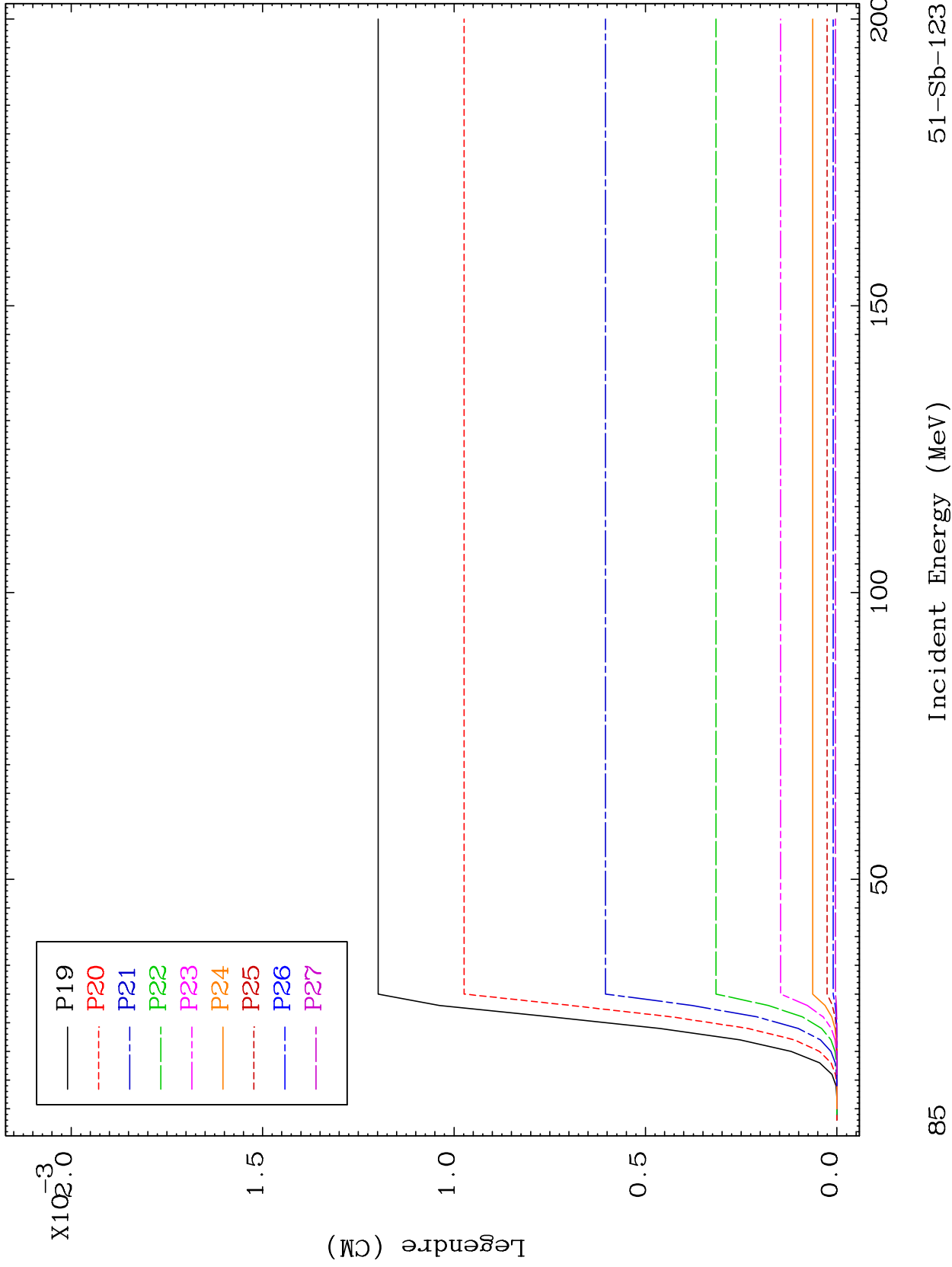


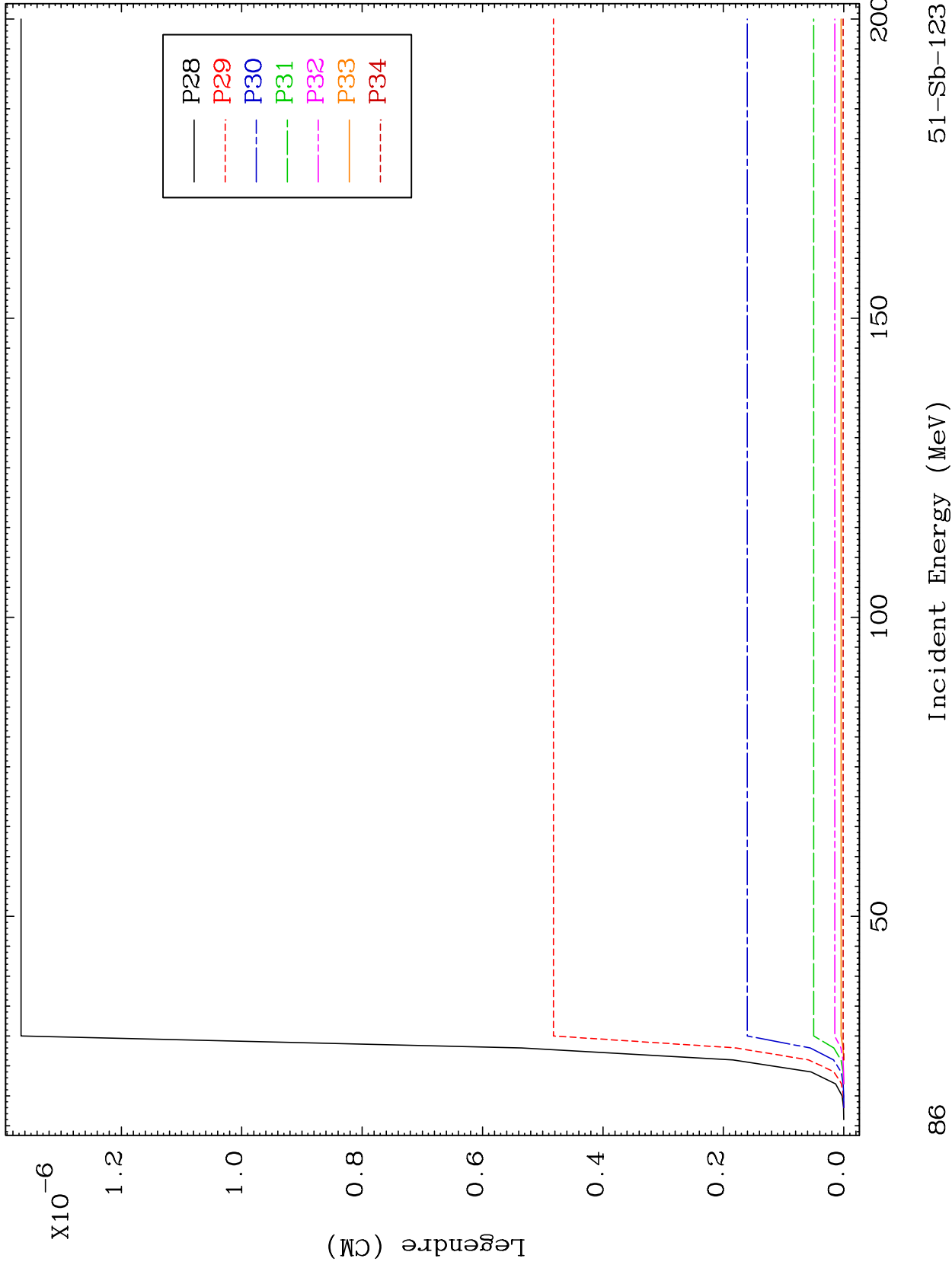


MAT 5131

1.764 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123

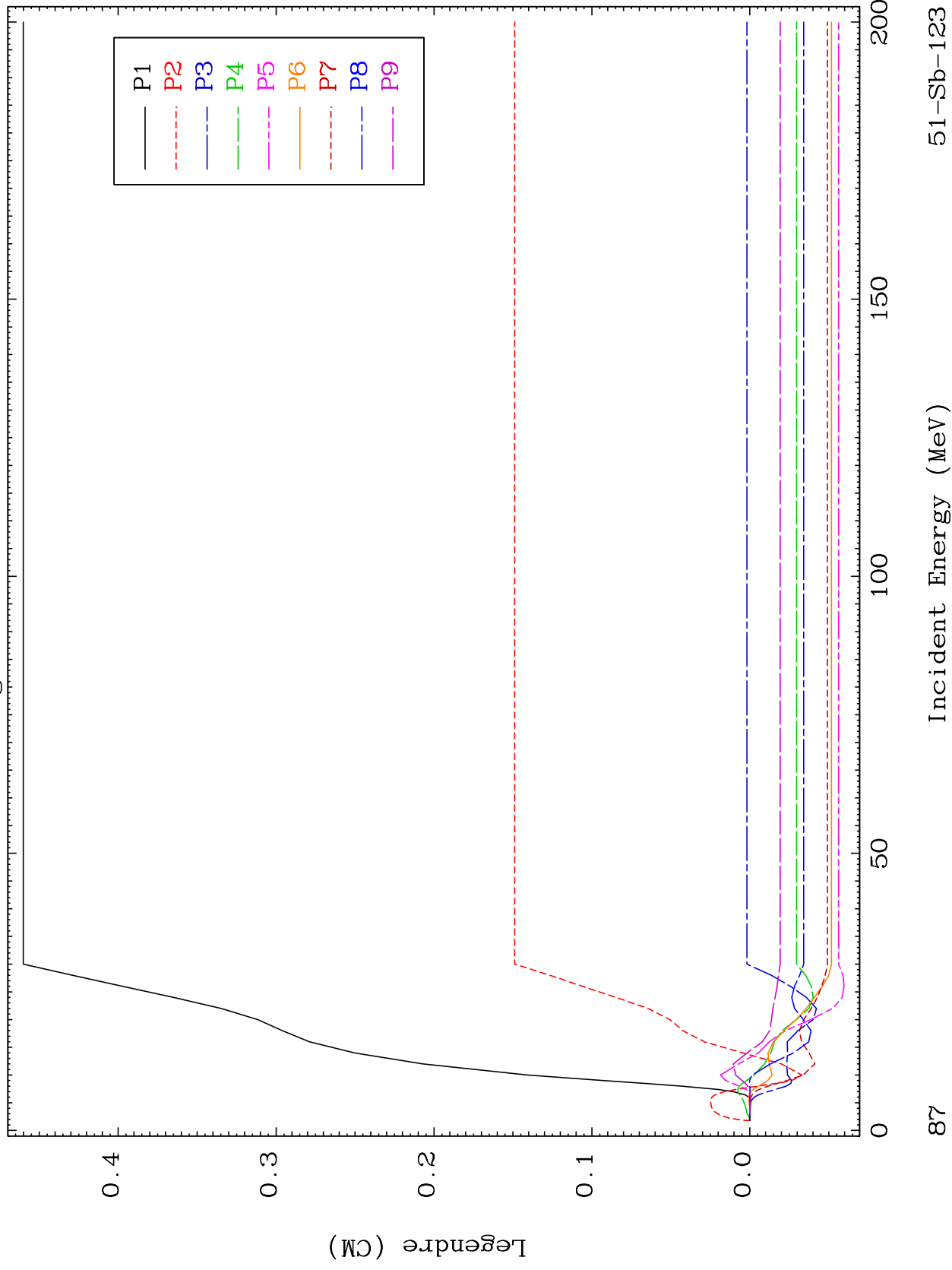




MAT 5131

1.773 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123

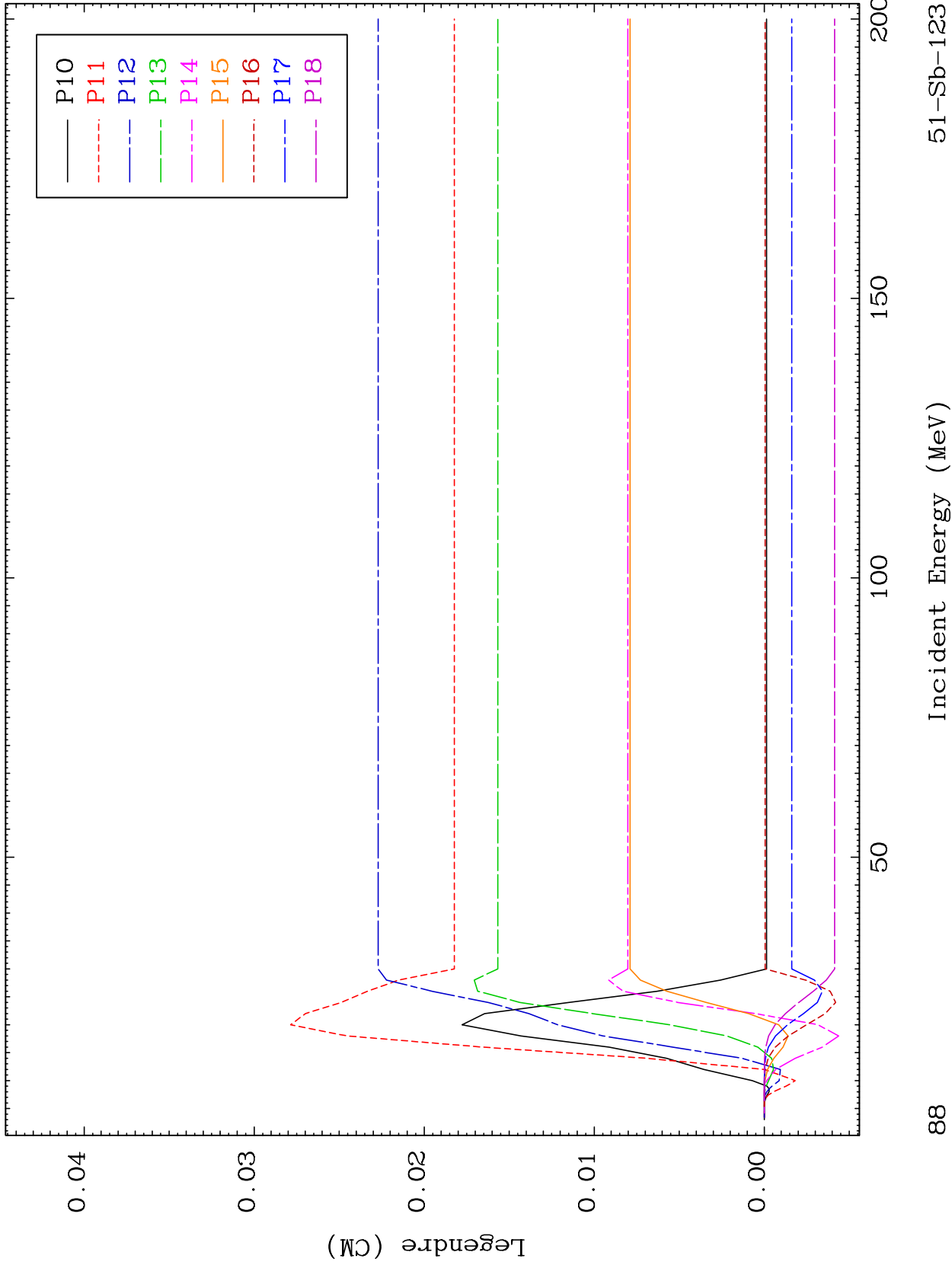


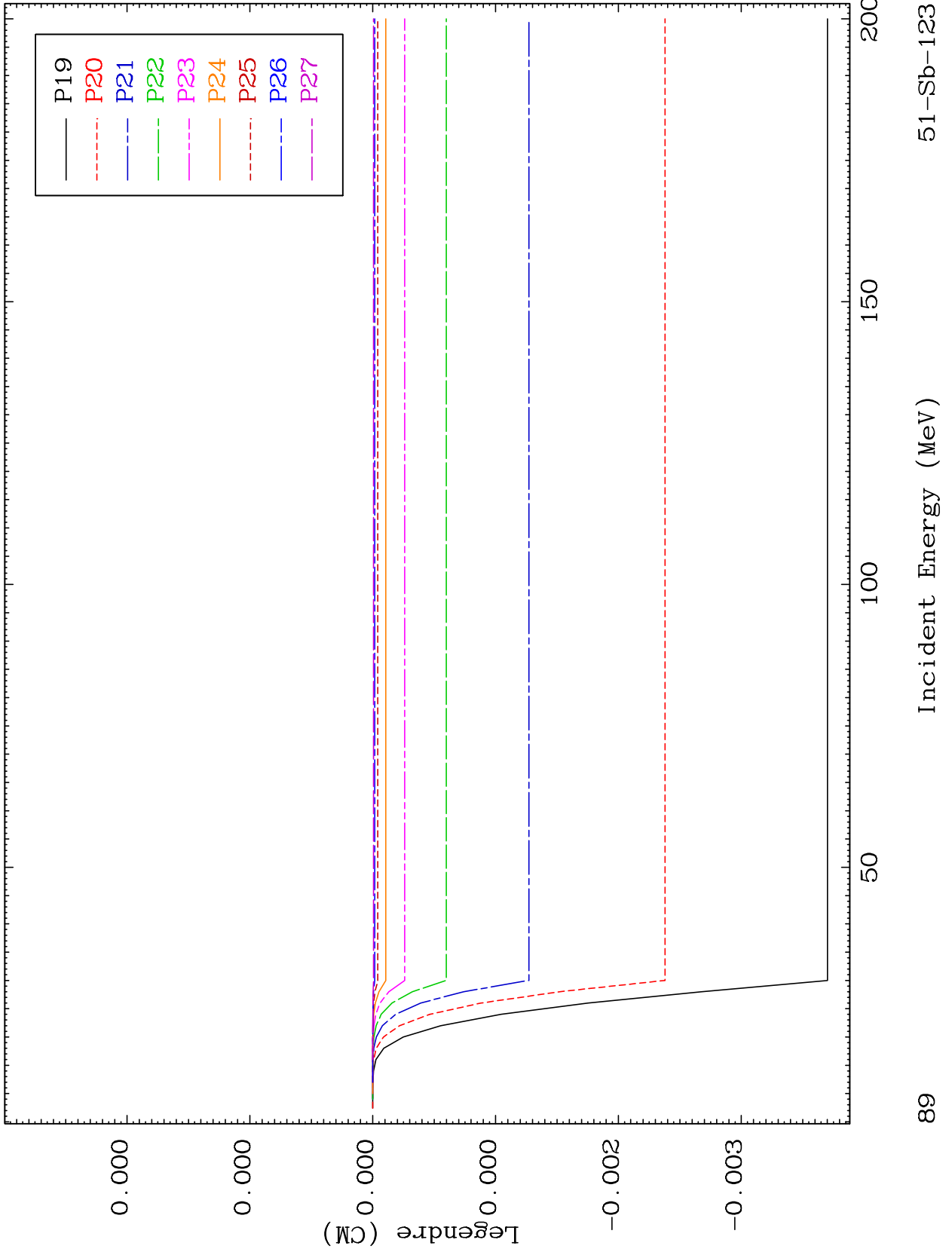
51-Sb-123

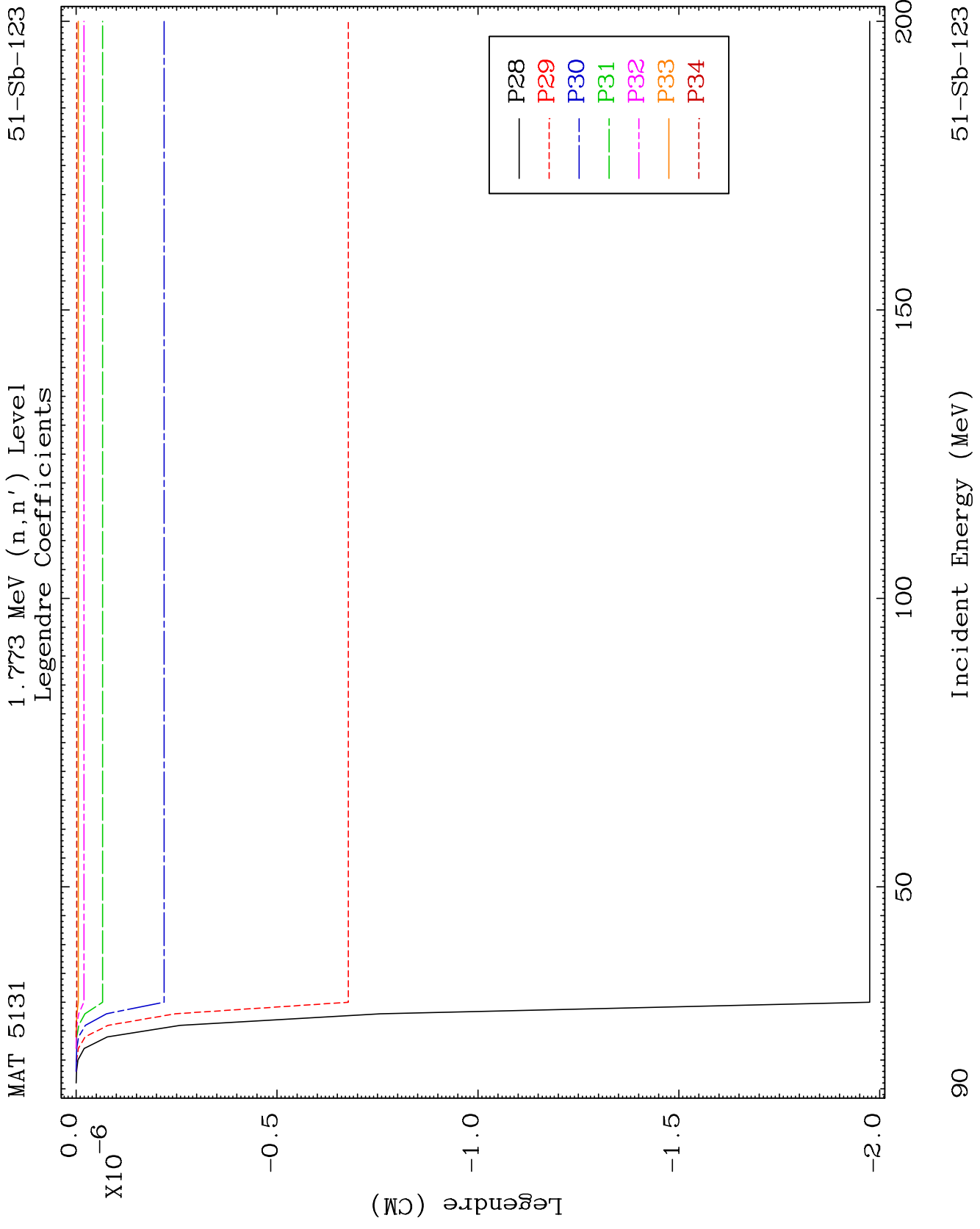
Incident Energy (MeV)

87





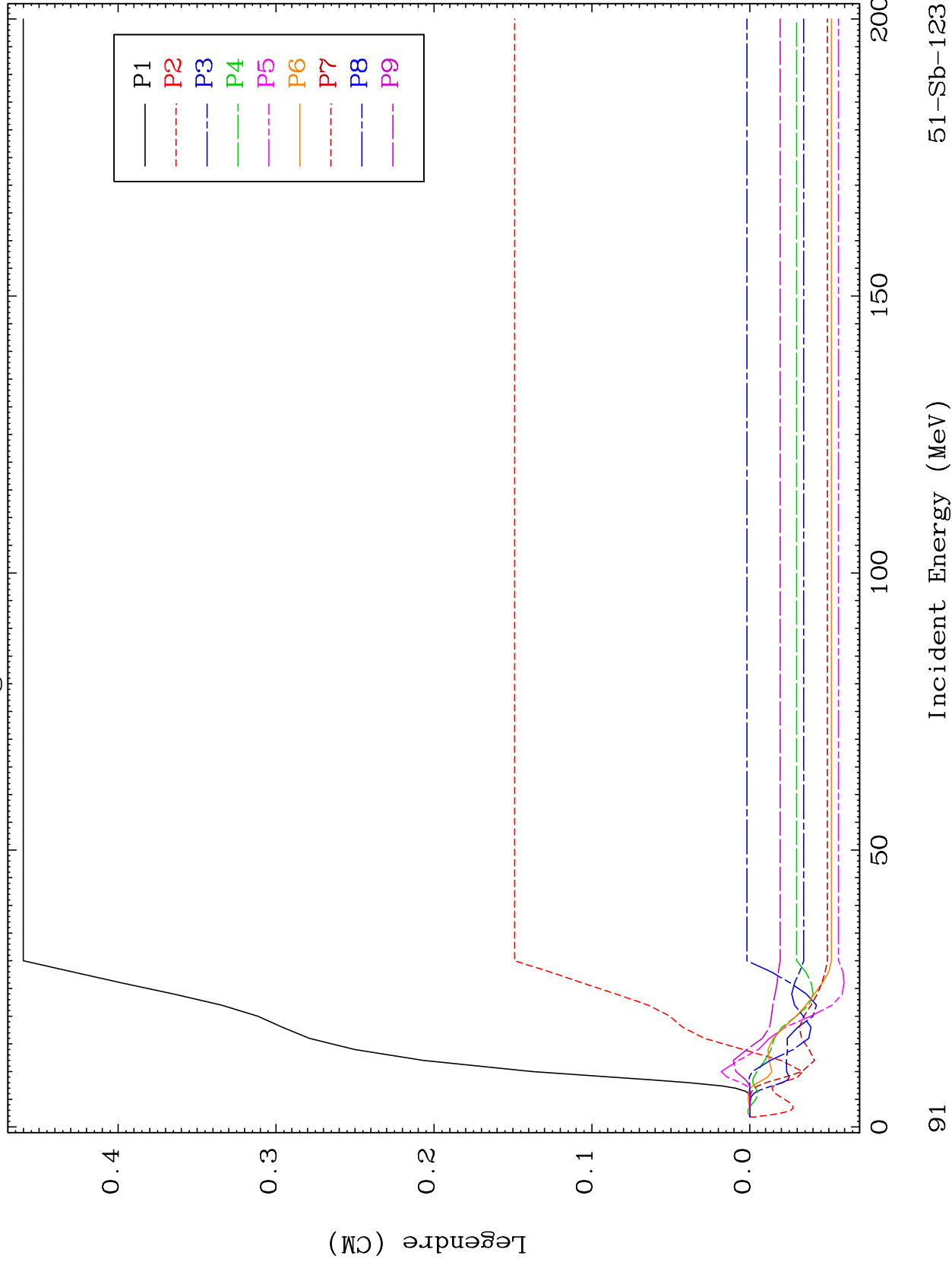




MAT 5131

1.778 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123

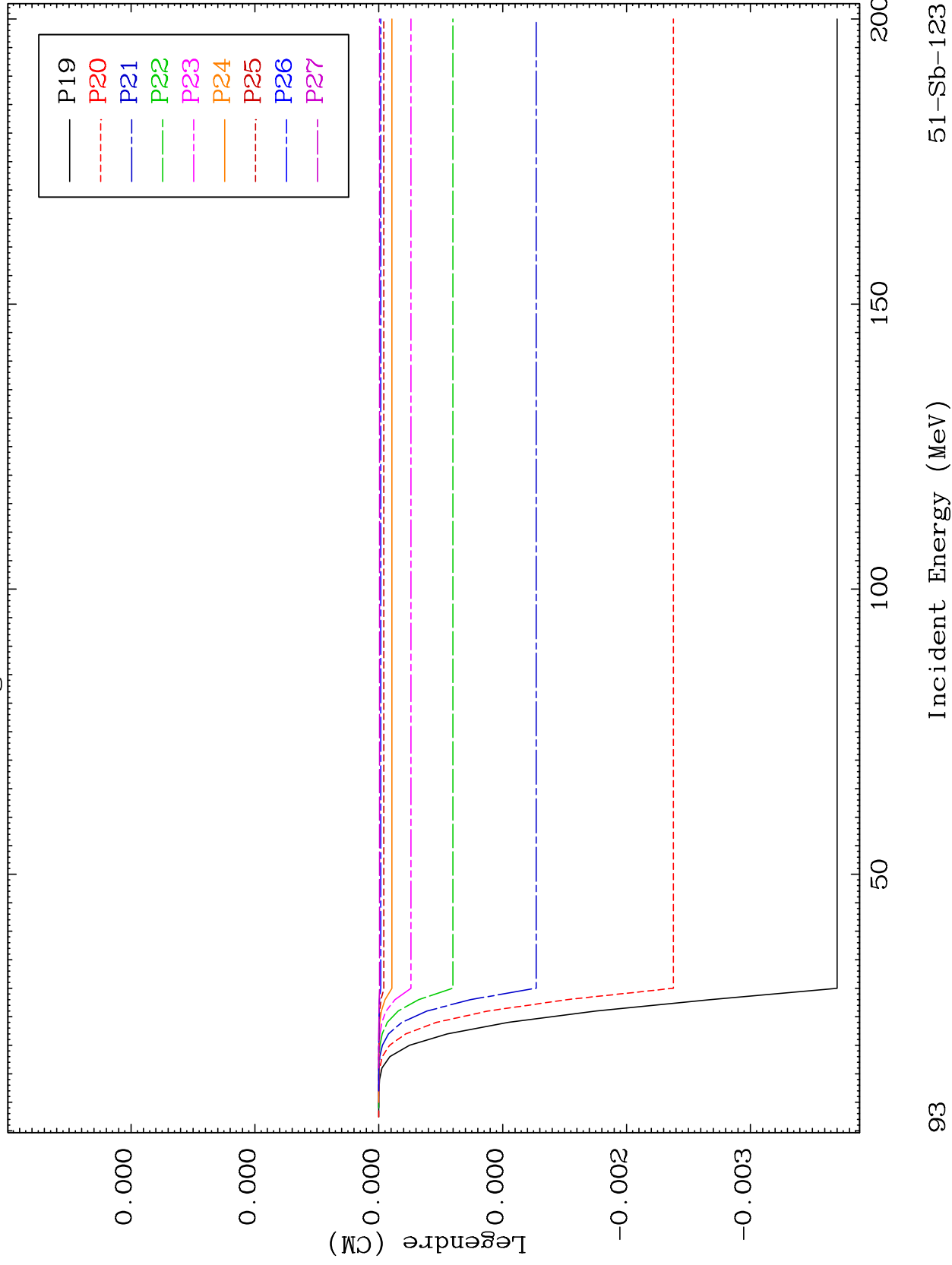


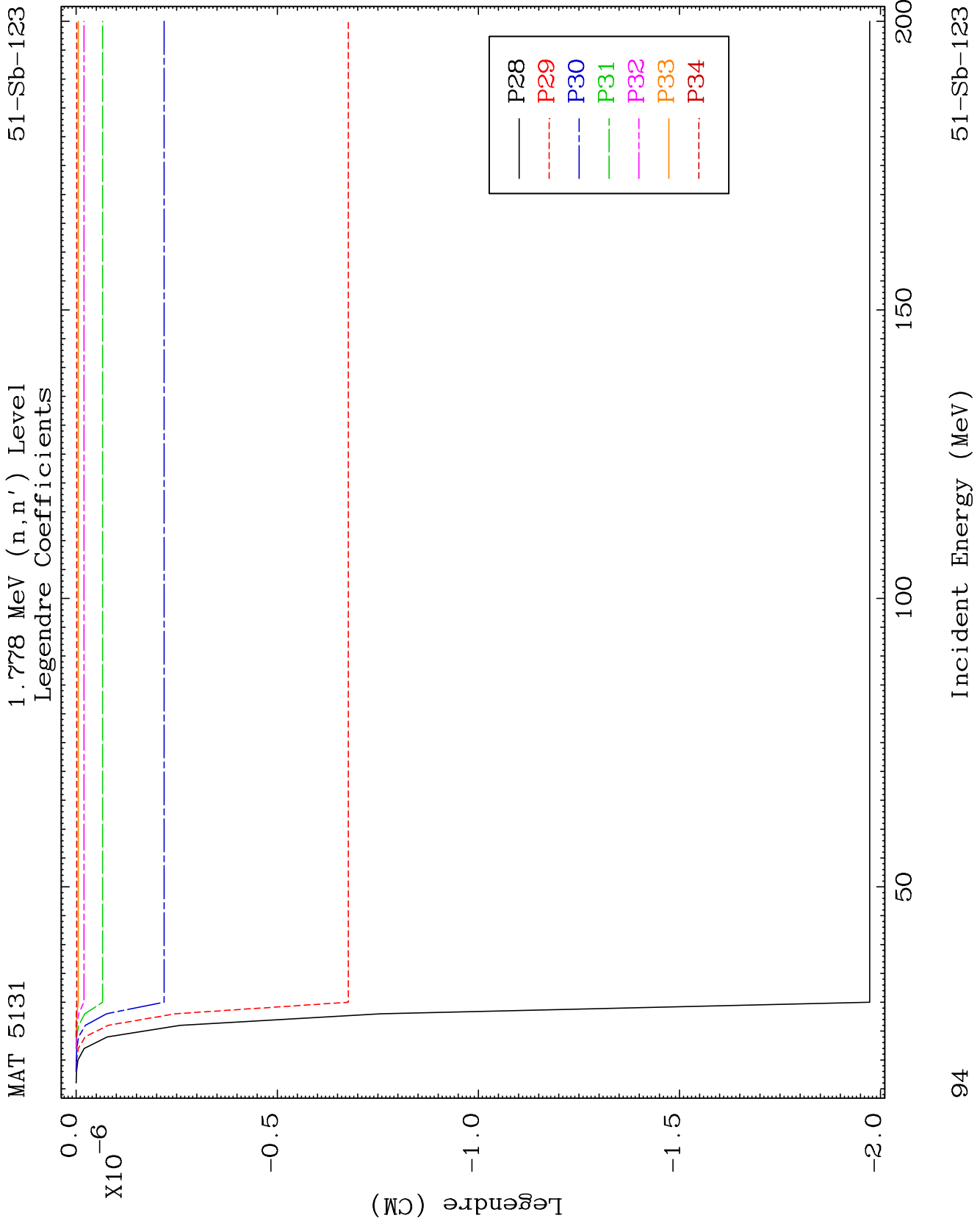
51-Sb-123

Incident Energy (MeV)

91



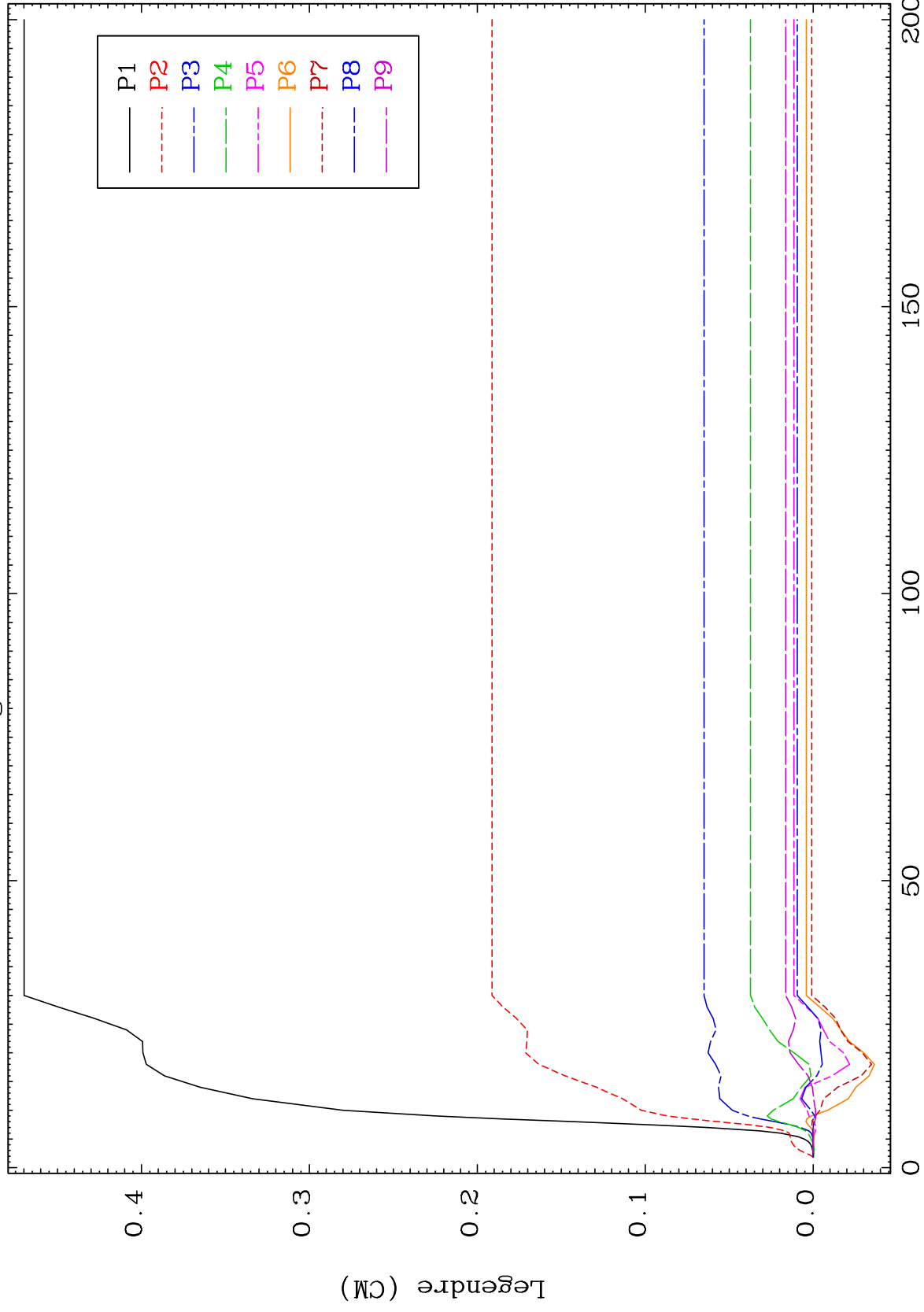




MAT 5131

1.810 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



95

Incident Energy (MeV)

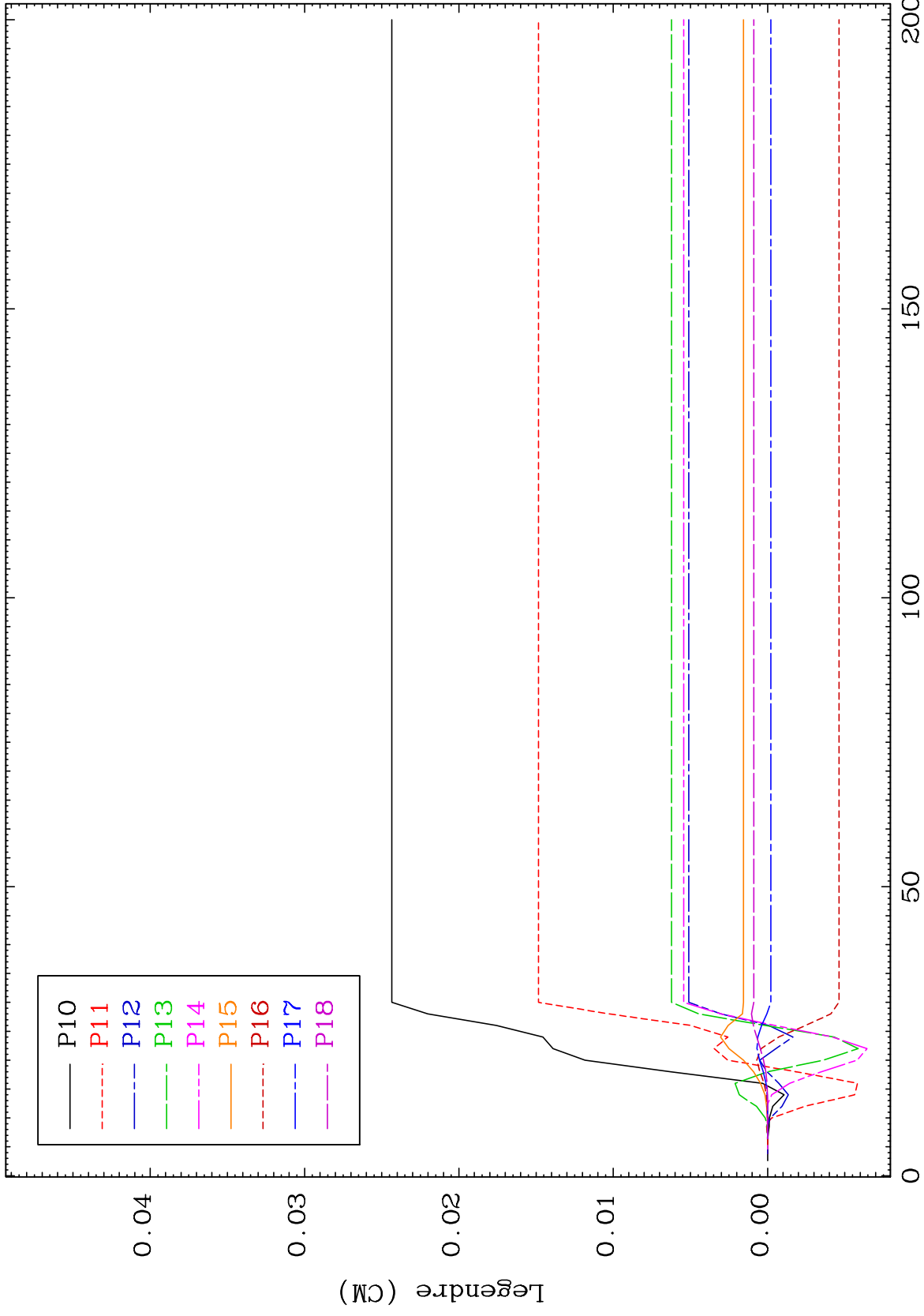
51-Sb-123



MAT 5131

1.810 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



96

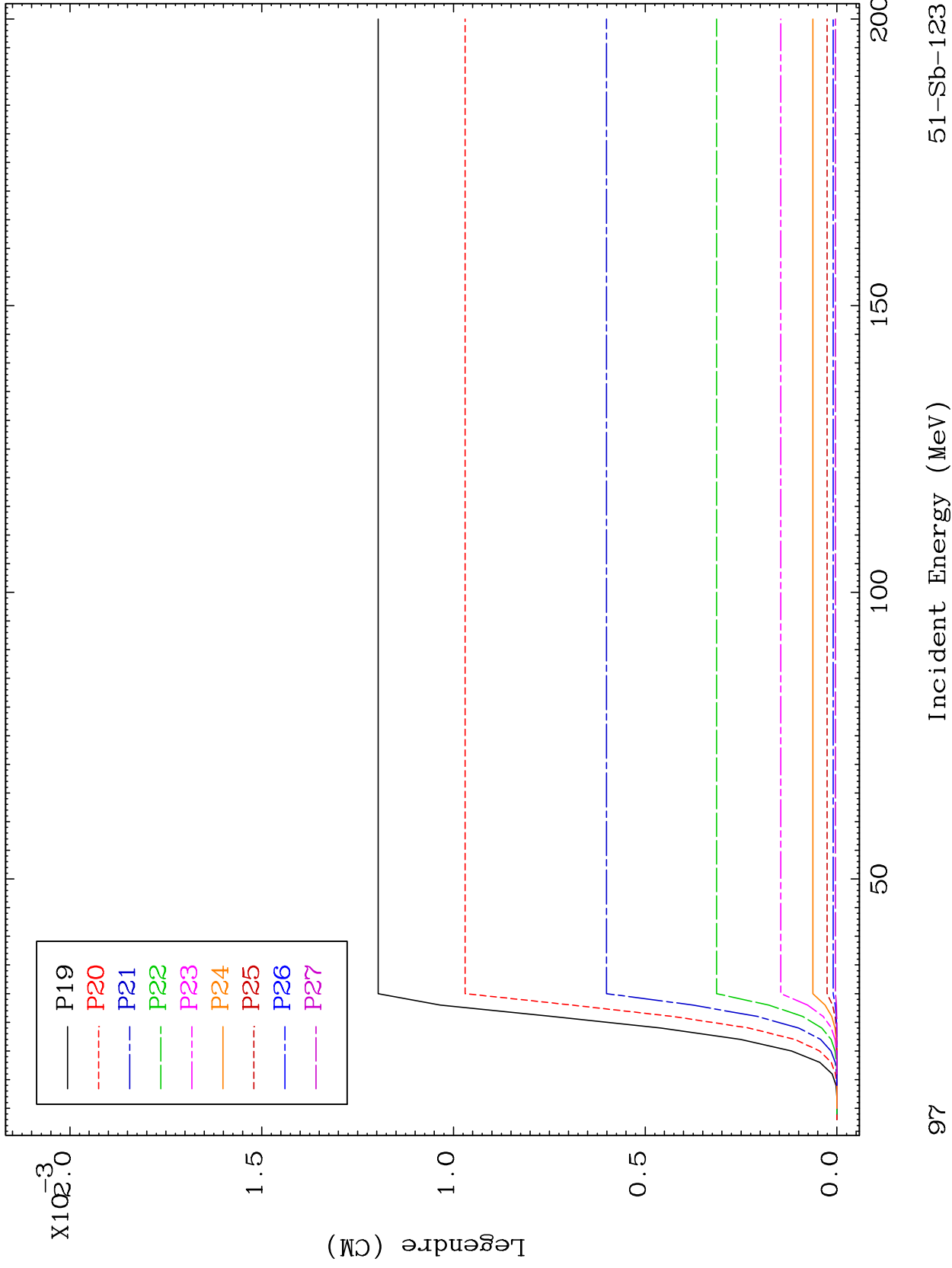
Incident Energy (MeV)

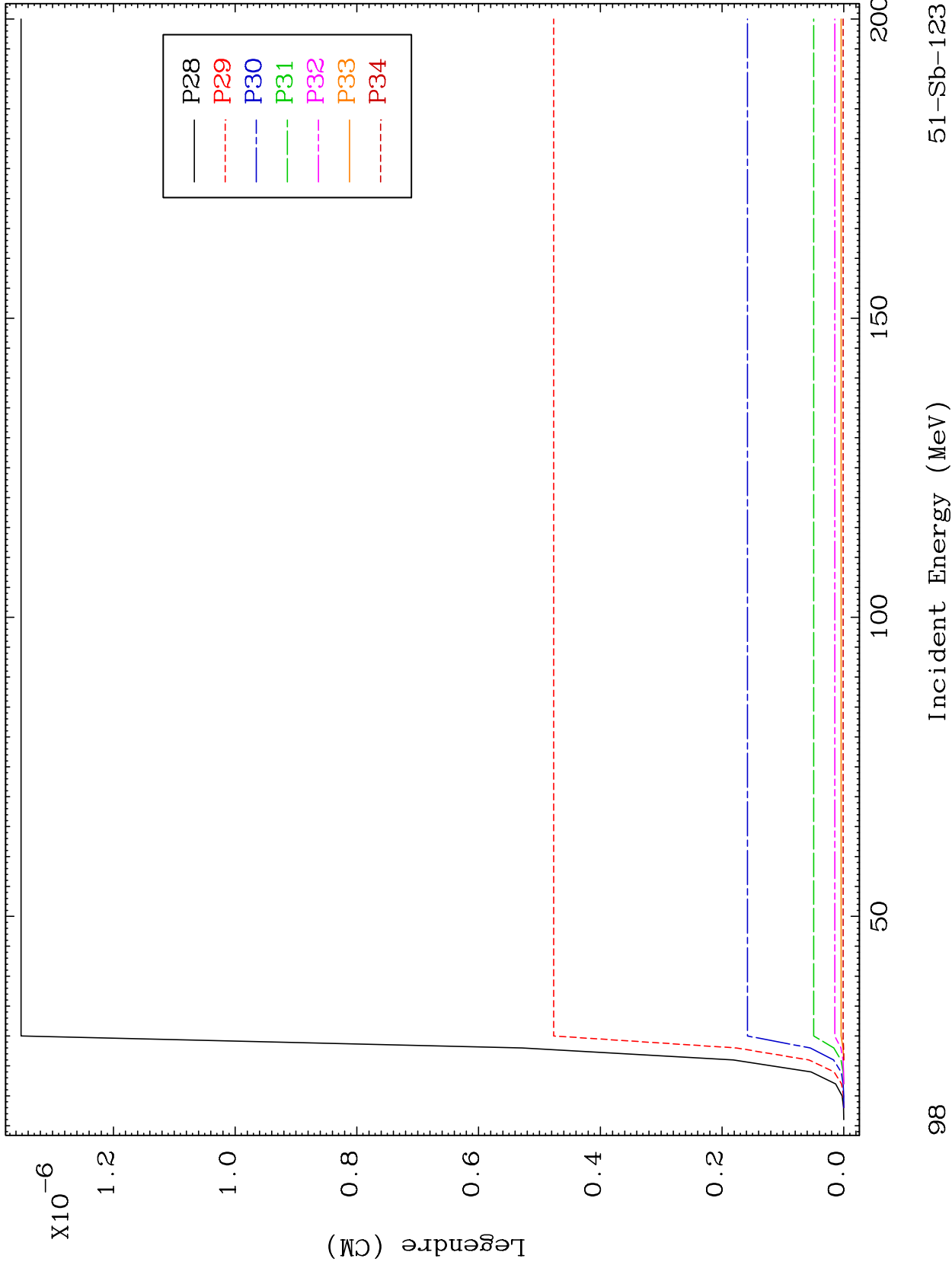
51-Sb-123

MAT 5131

1.810 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123

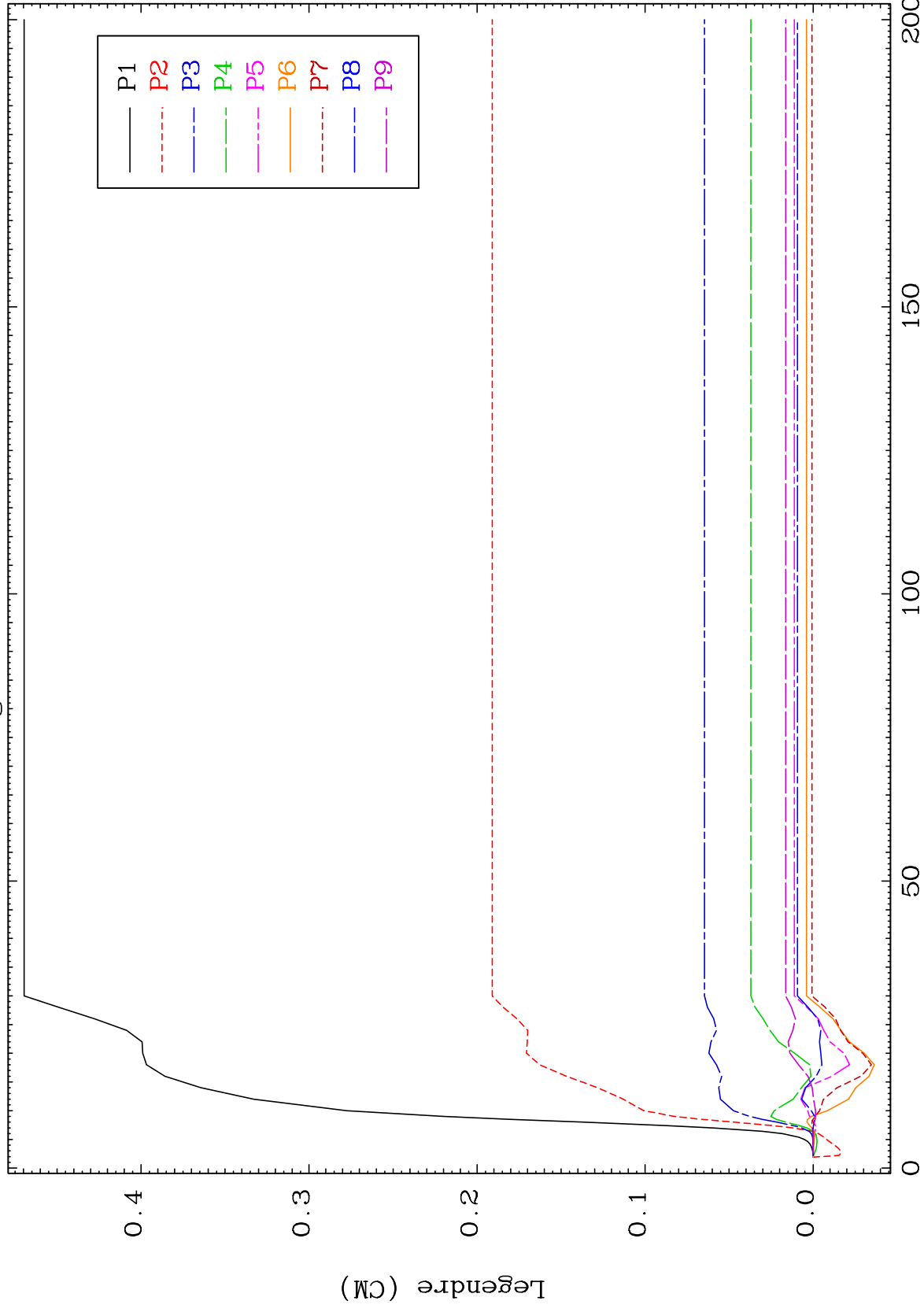




MAT 5131

1.884 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



51-Sb-123

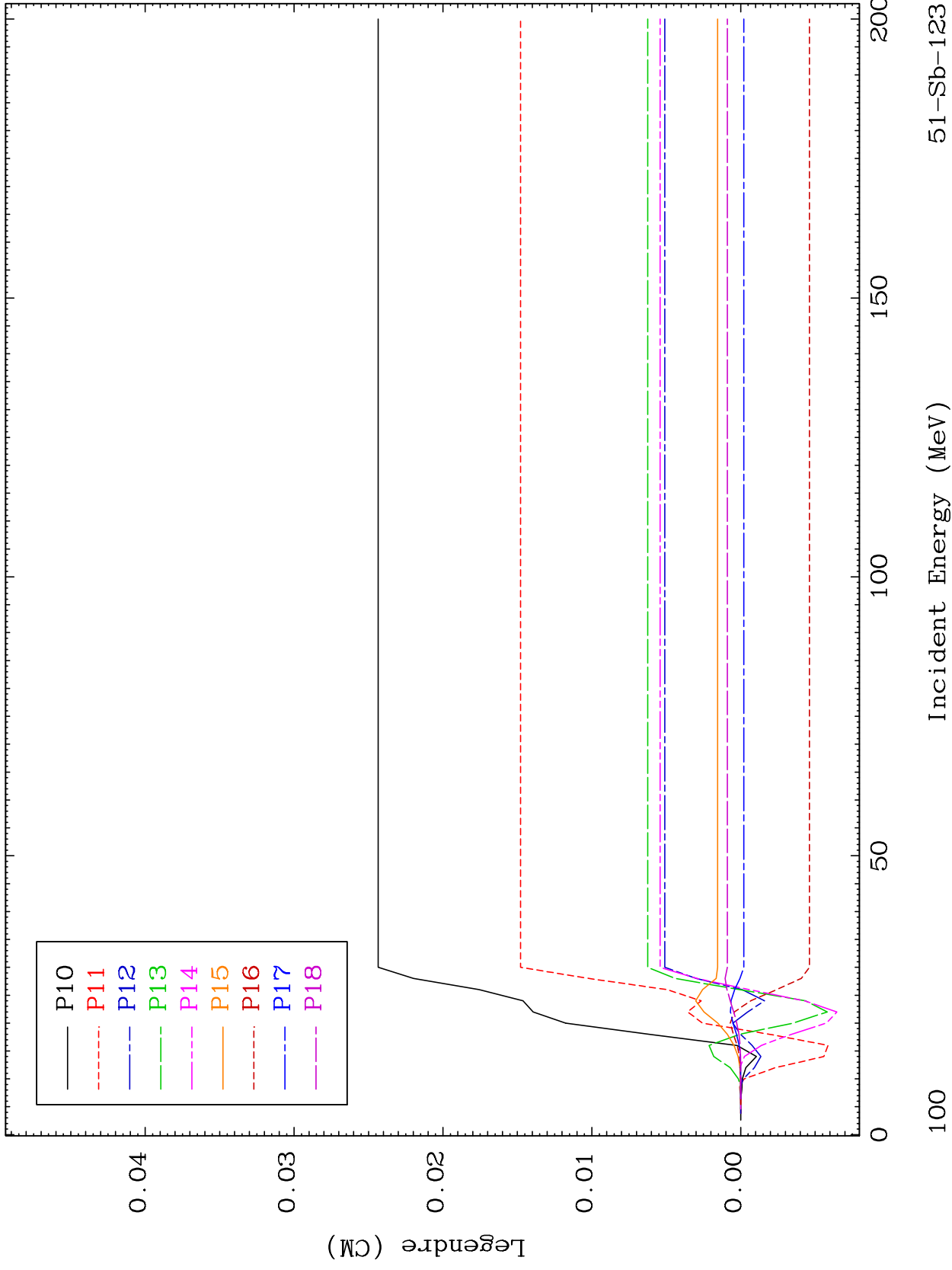
Incident Energy (MeV)

99

MAT 5131

1.884 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



51-Sb-123

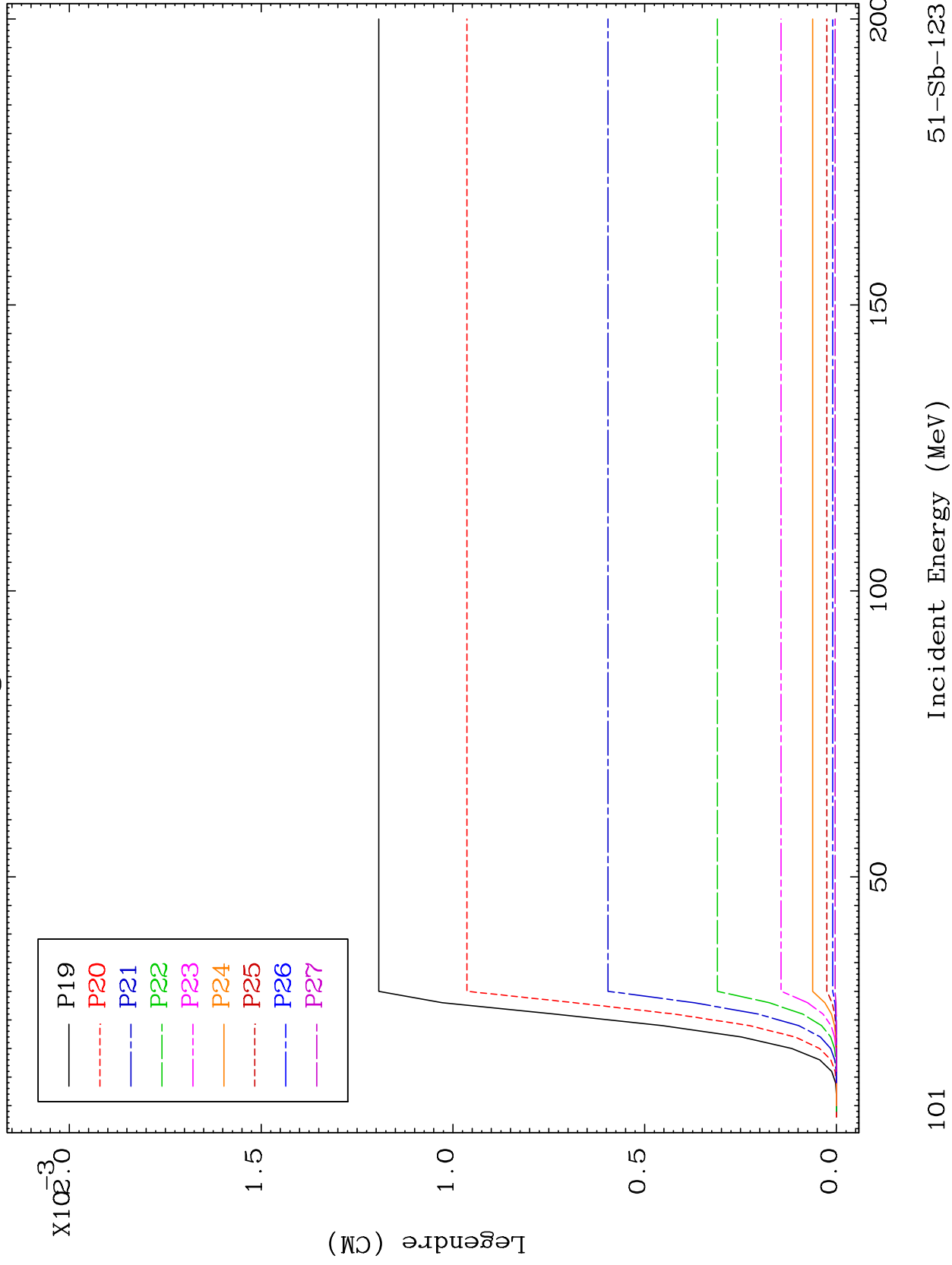
Incident Energy (MeV)

100

MAT 5131

1.884 MeV (n, n') Level  
Legendre Coefficients

51-Sb-123



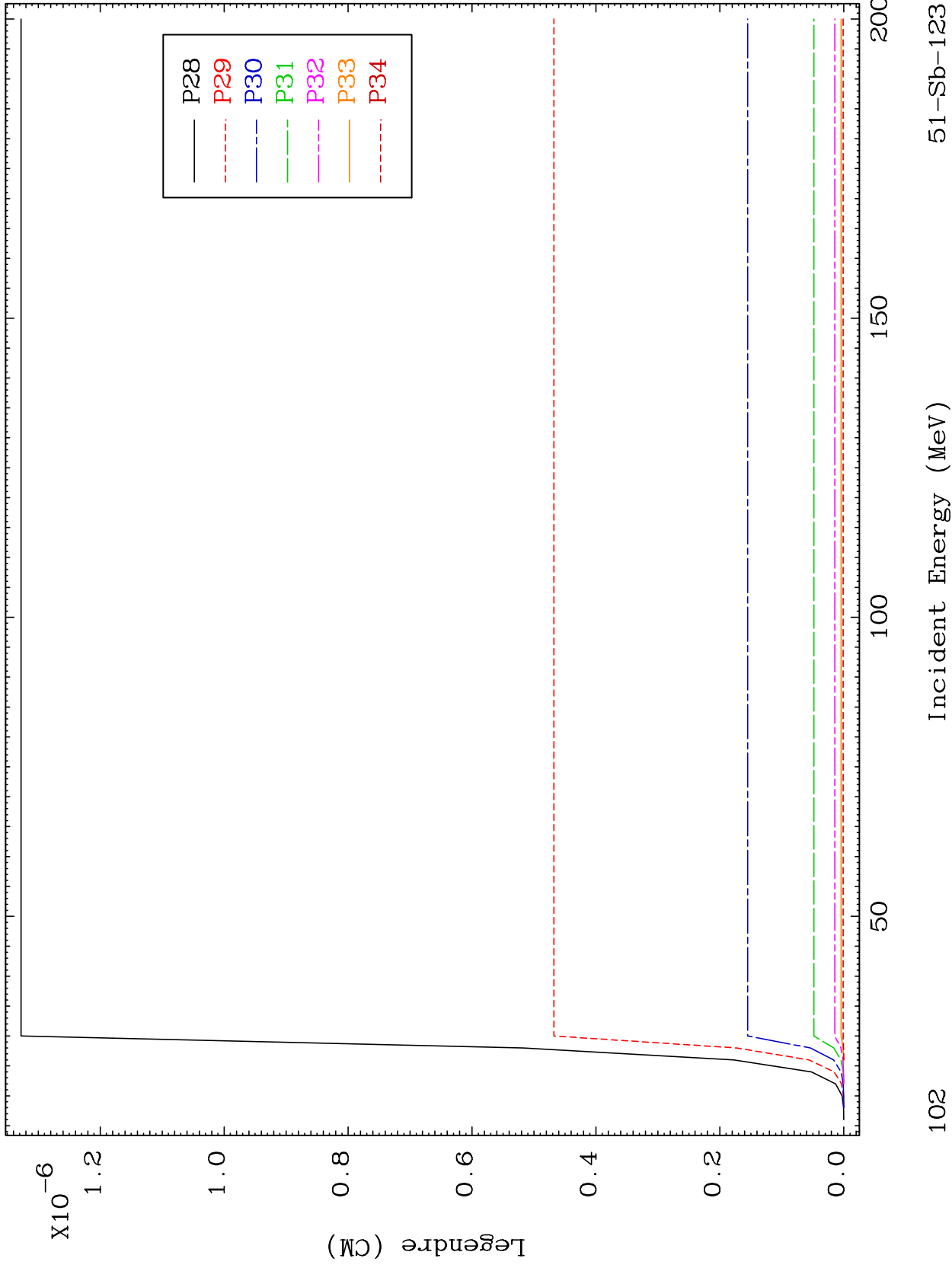
101

51-Sb-123

MAT 5131

1.884 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



102

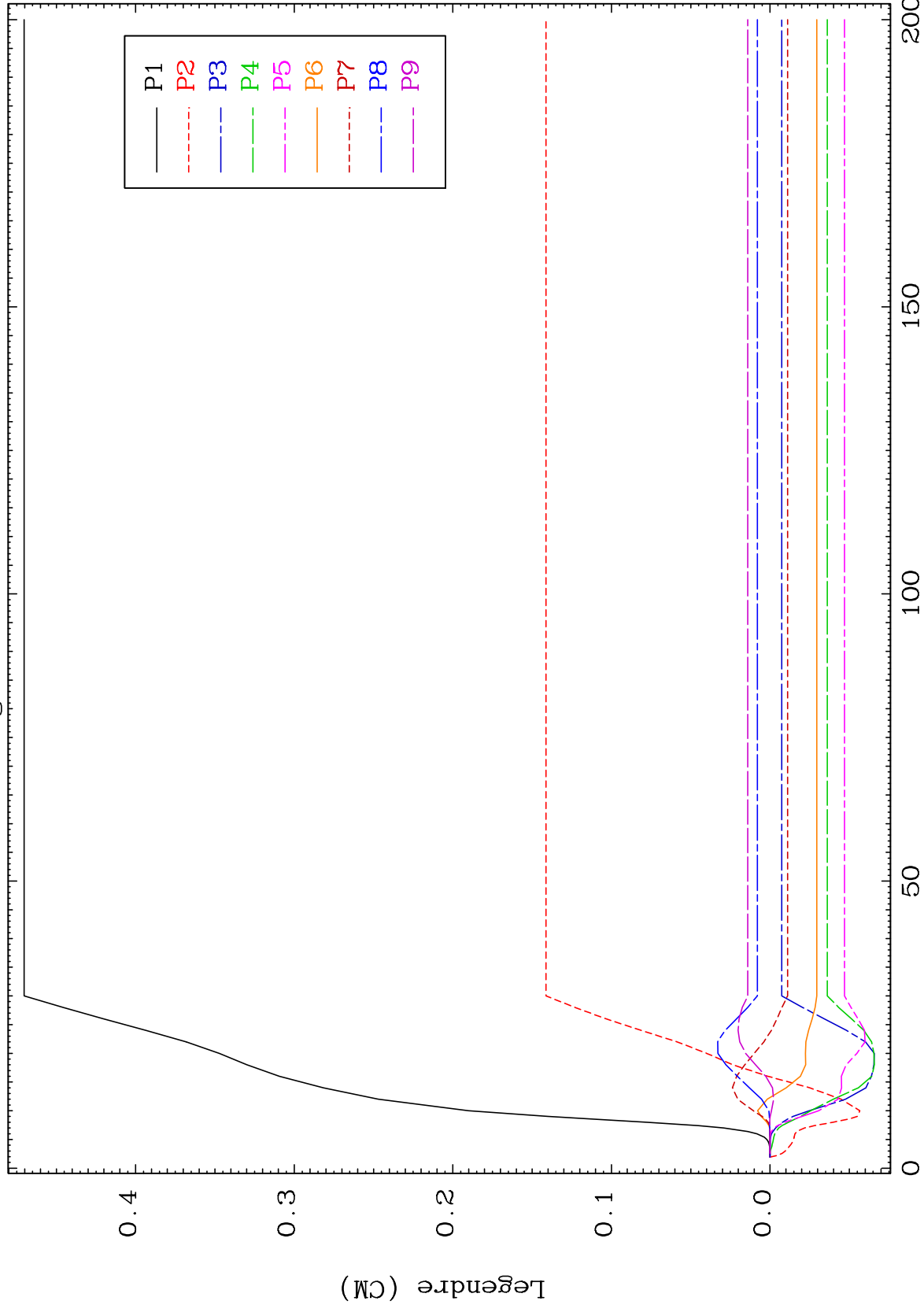
Incident Energy (MeV)

51-Sb-123

MAT 5131

1.896 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123

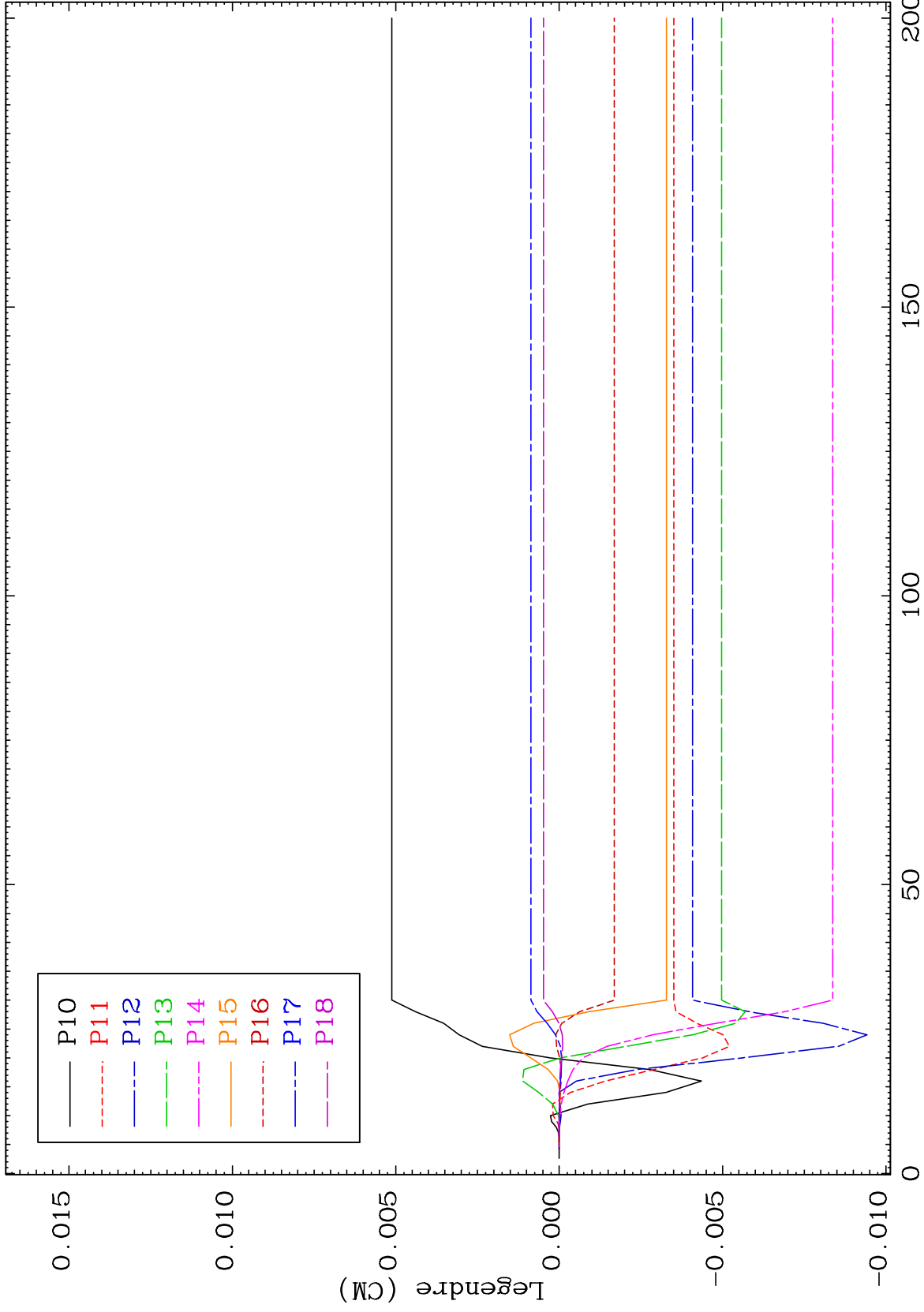


103

Incident Energy (MeV)

51-Sb-123

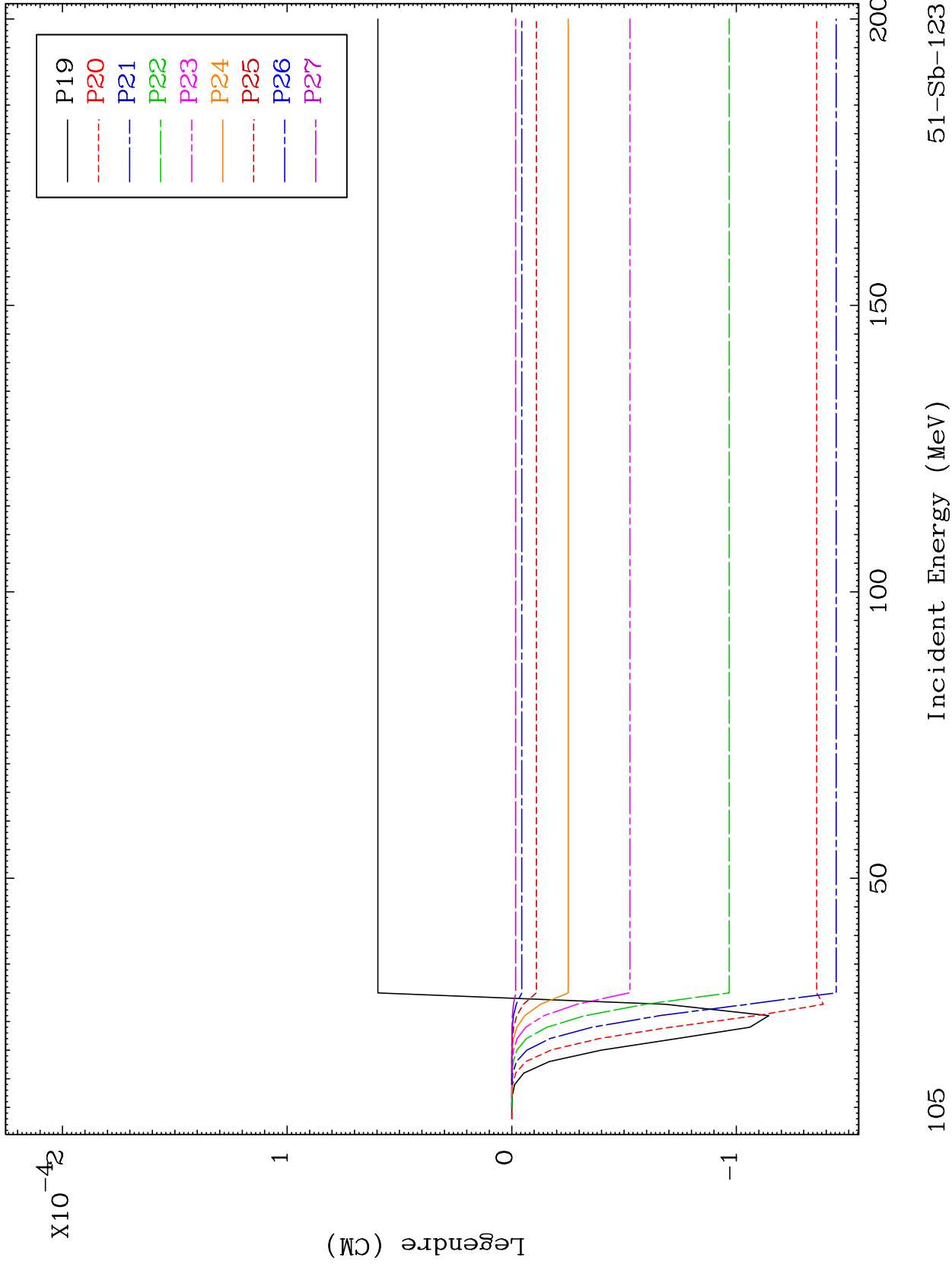


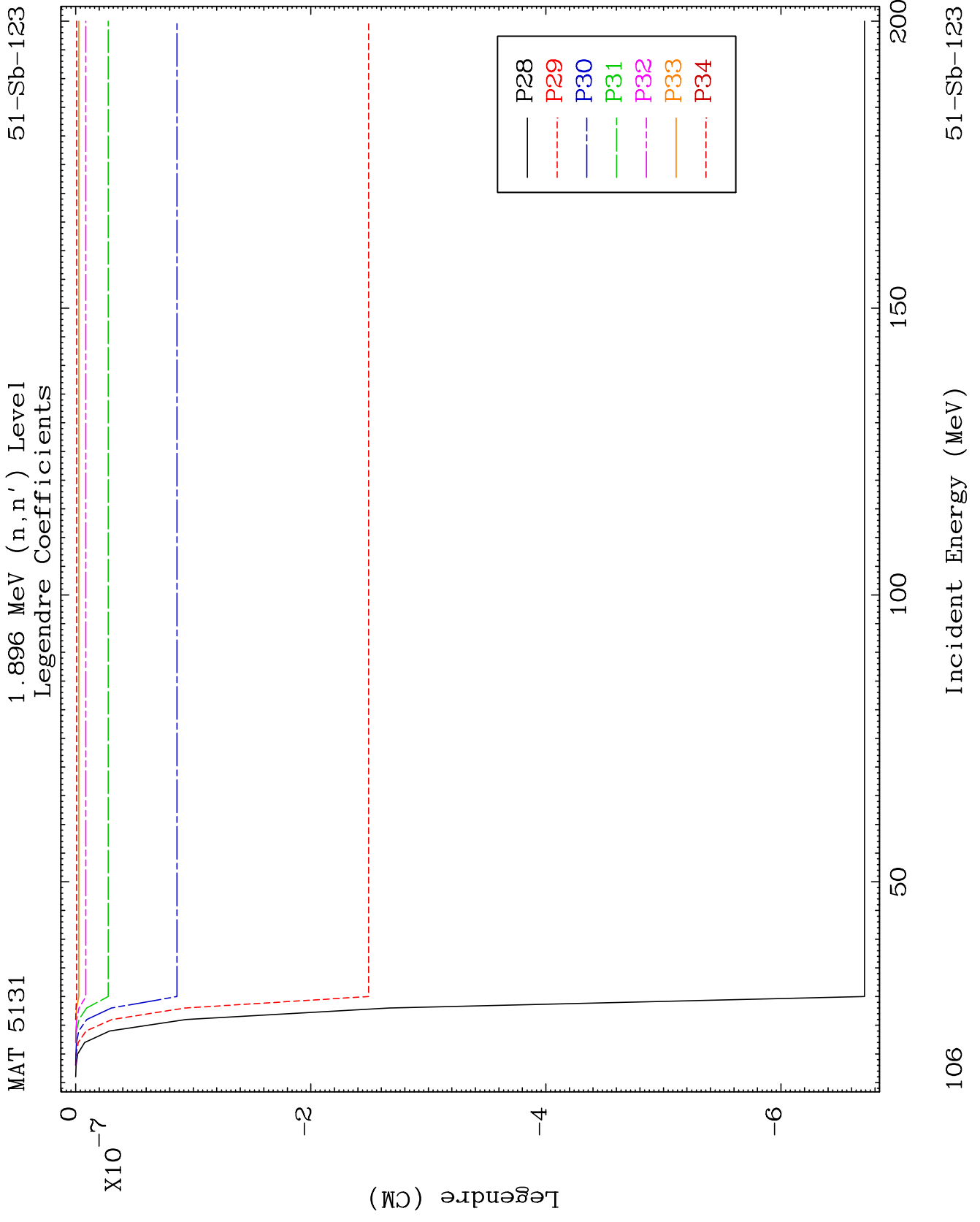


MAT 5131

1.896 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123

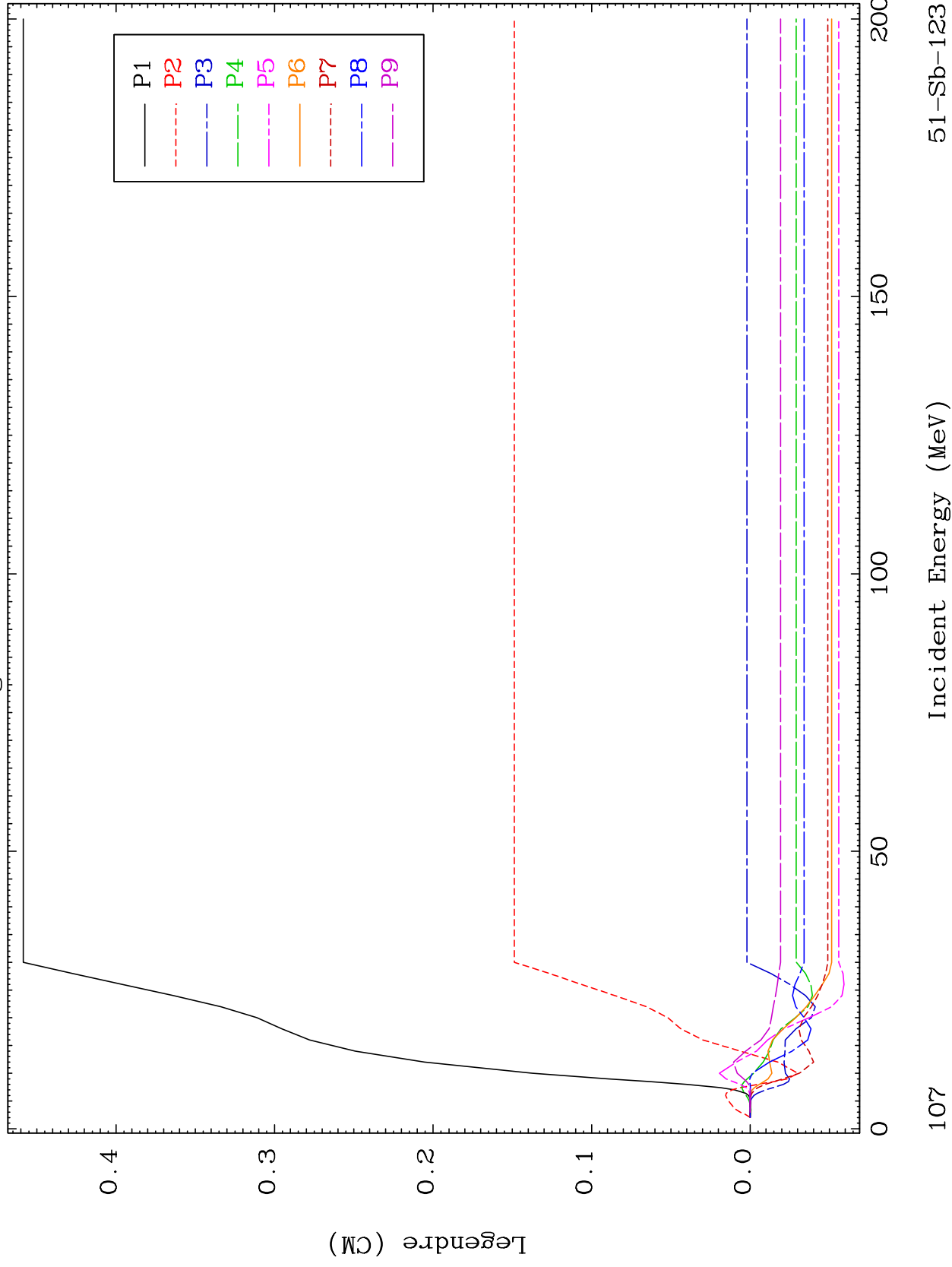




MAT 5131

2.012 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



51-Sb-123

Incident Energy (MeV)

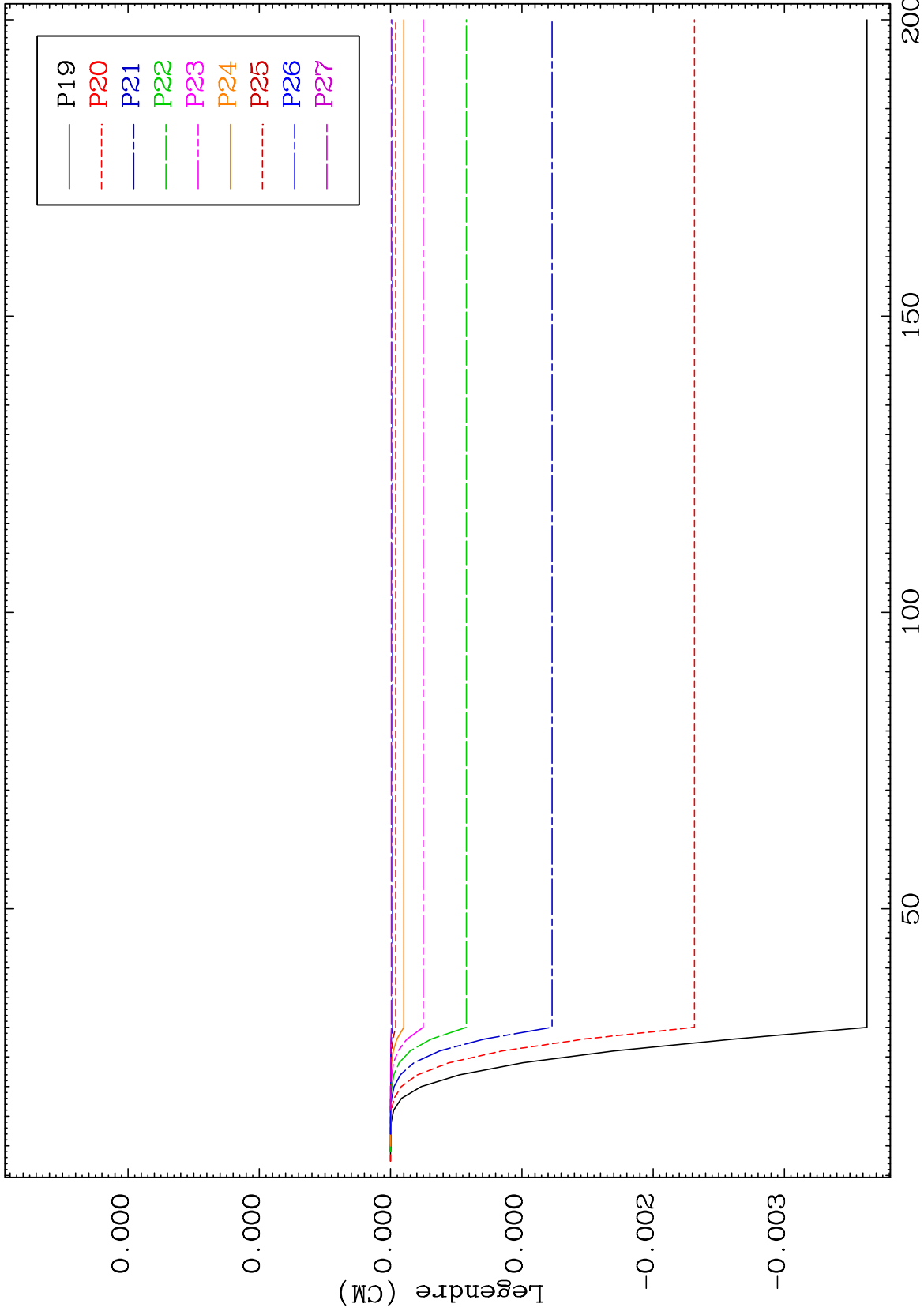
107



MAT 5131

2.012 MeV (n,n') Level  
Legendre Coefficients

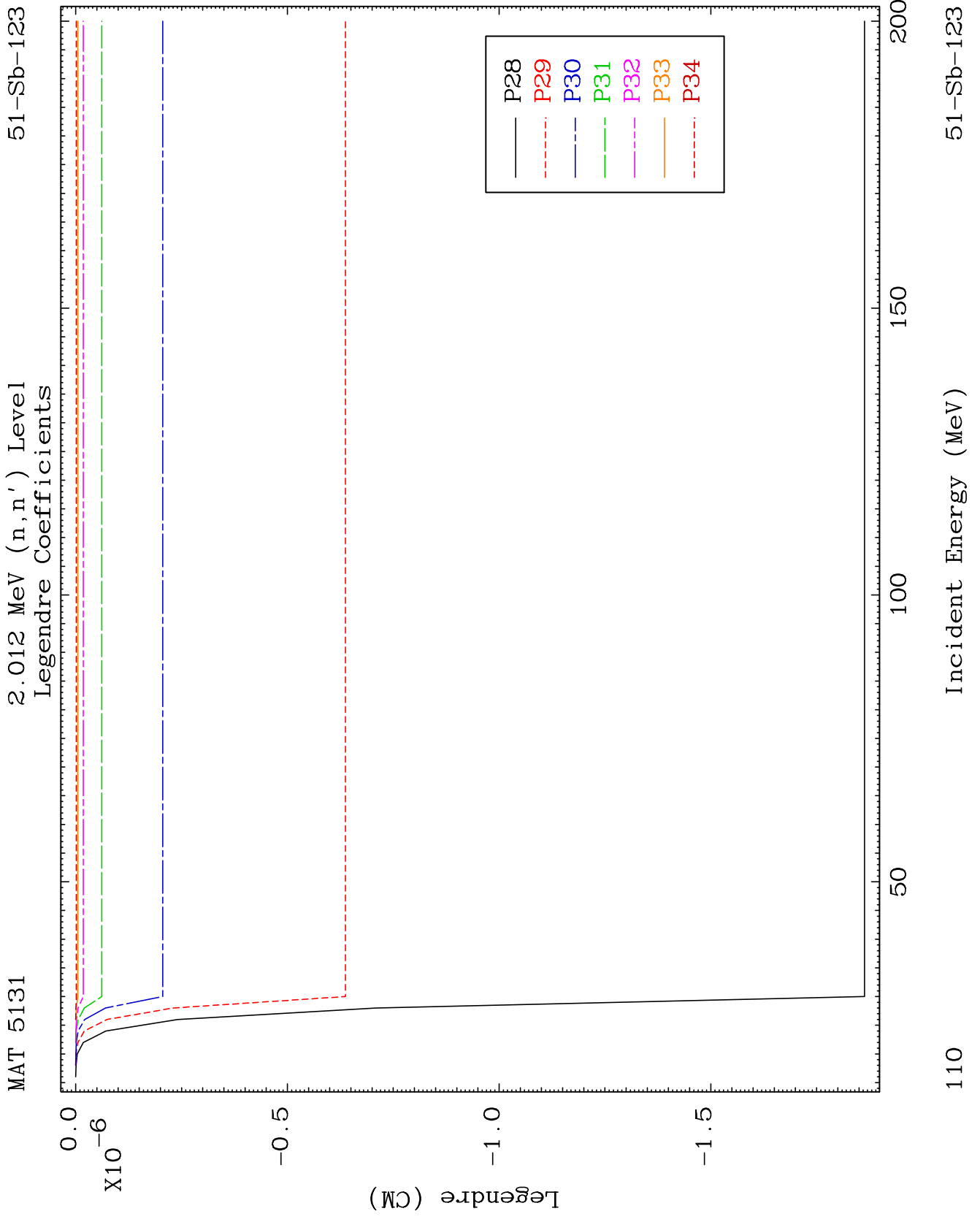
51-Sb-123



109

Incident Energy (MeV)

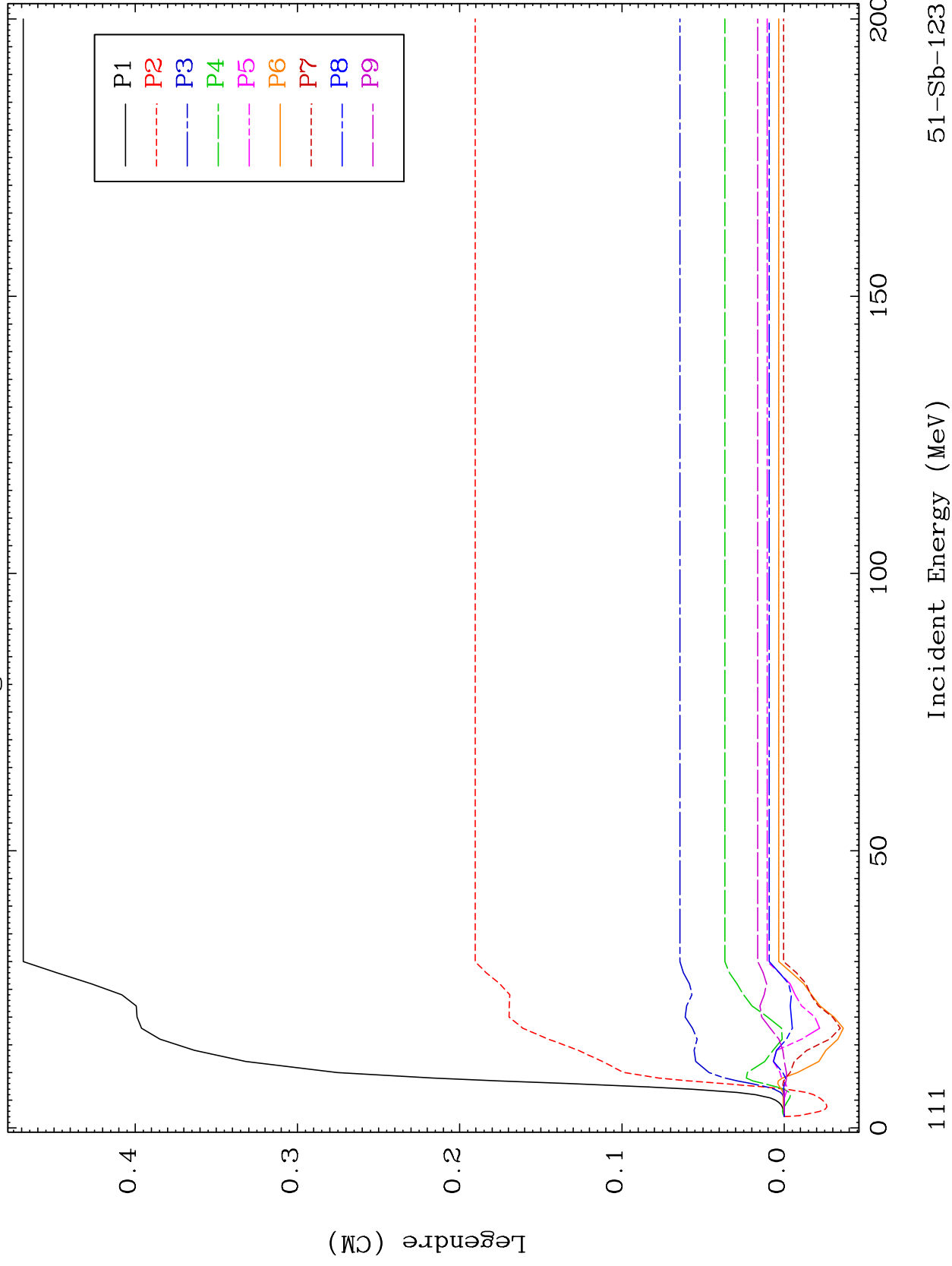
51-Sb-123



MAT 5131

2.026 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



51-Sb-123

Incident Energy (MeV)

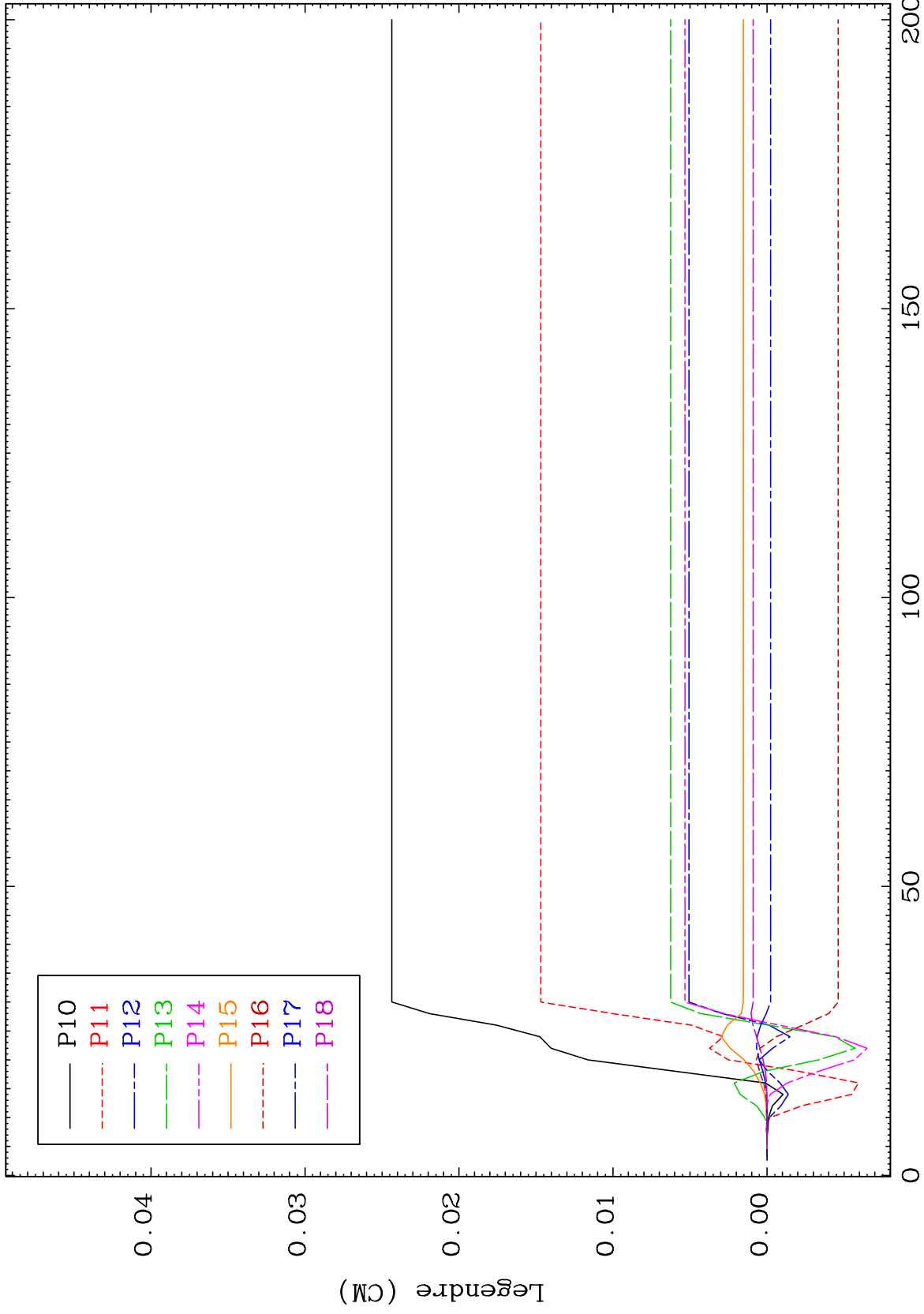
111



MAT 5131

2.026 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



112

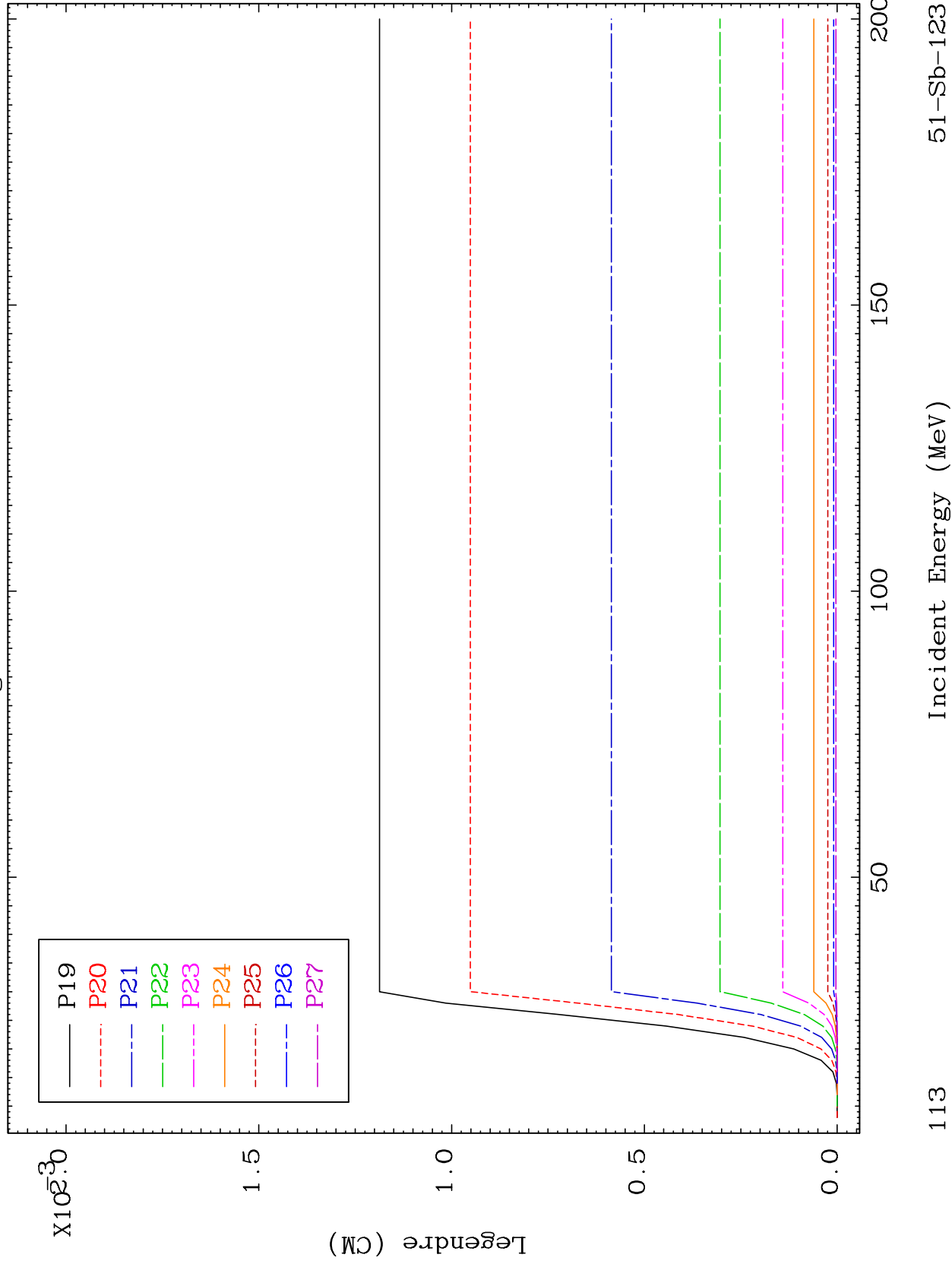
Incident Energy (MeV)

51-Sb-123

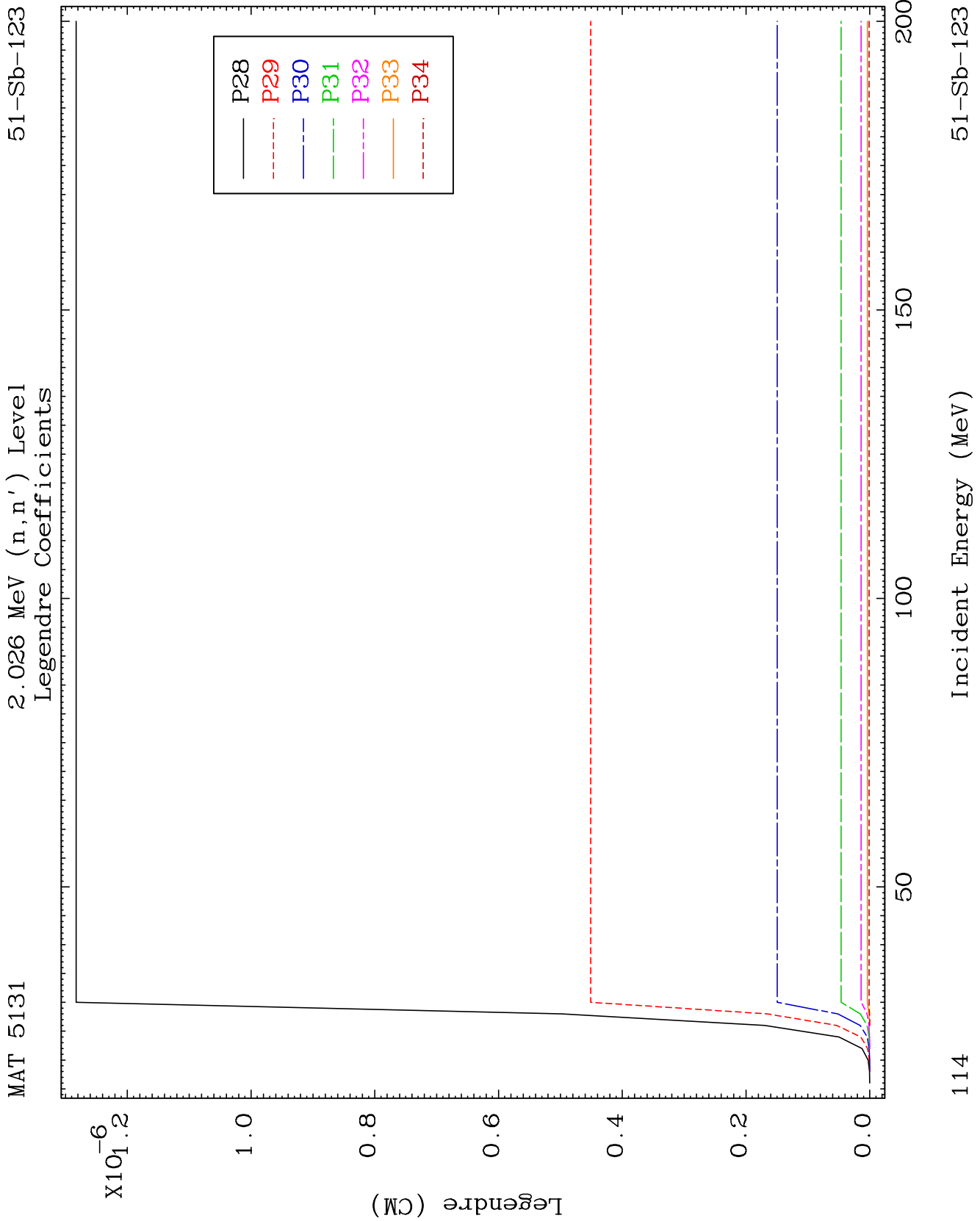
MAT 5131

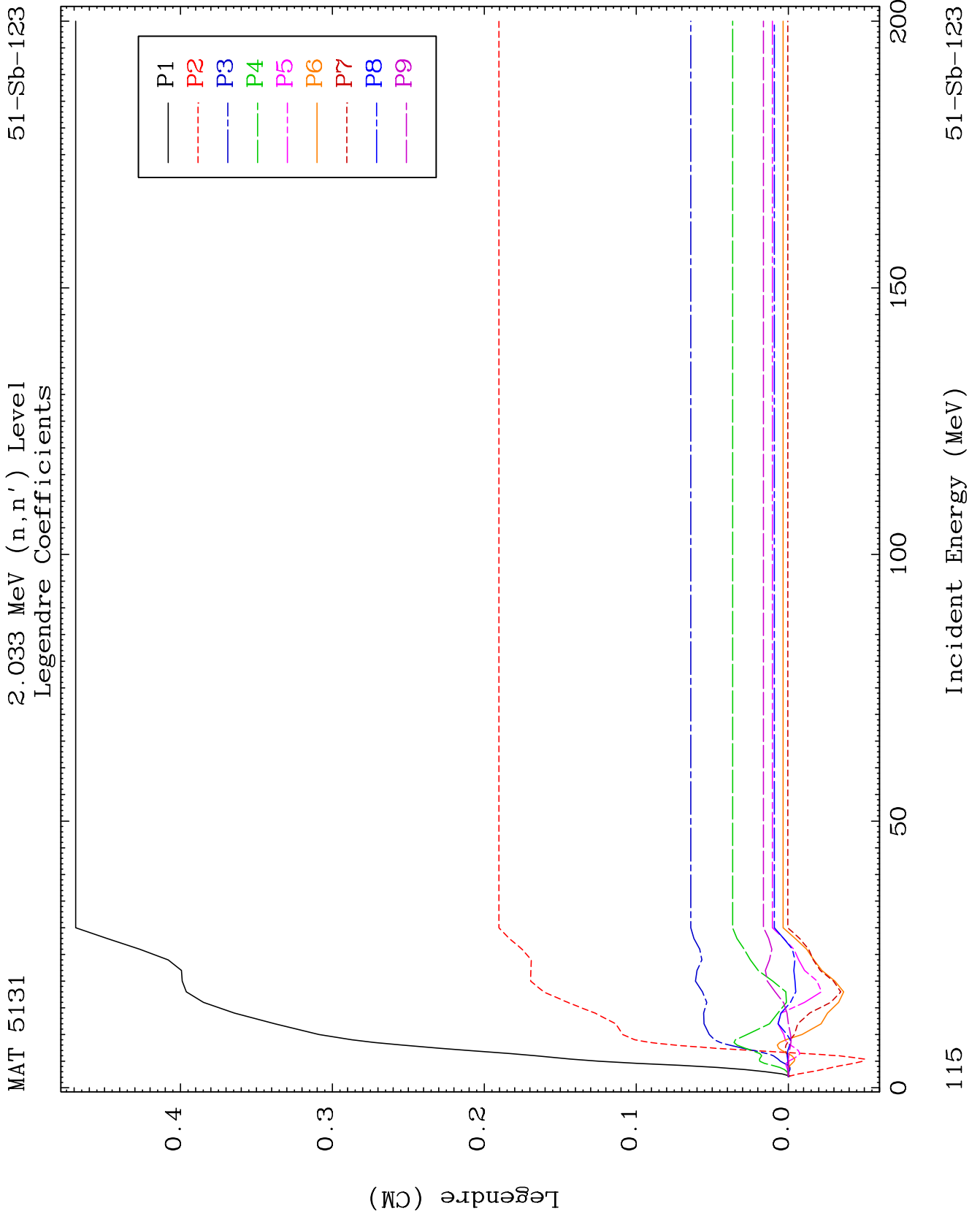
2.026 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



113

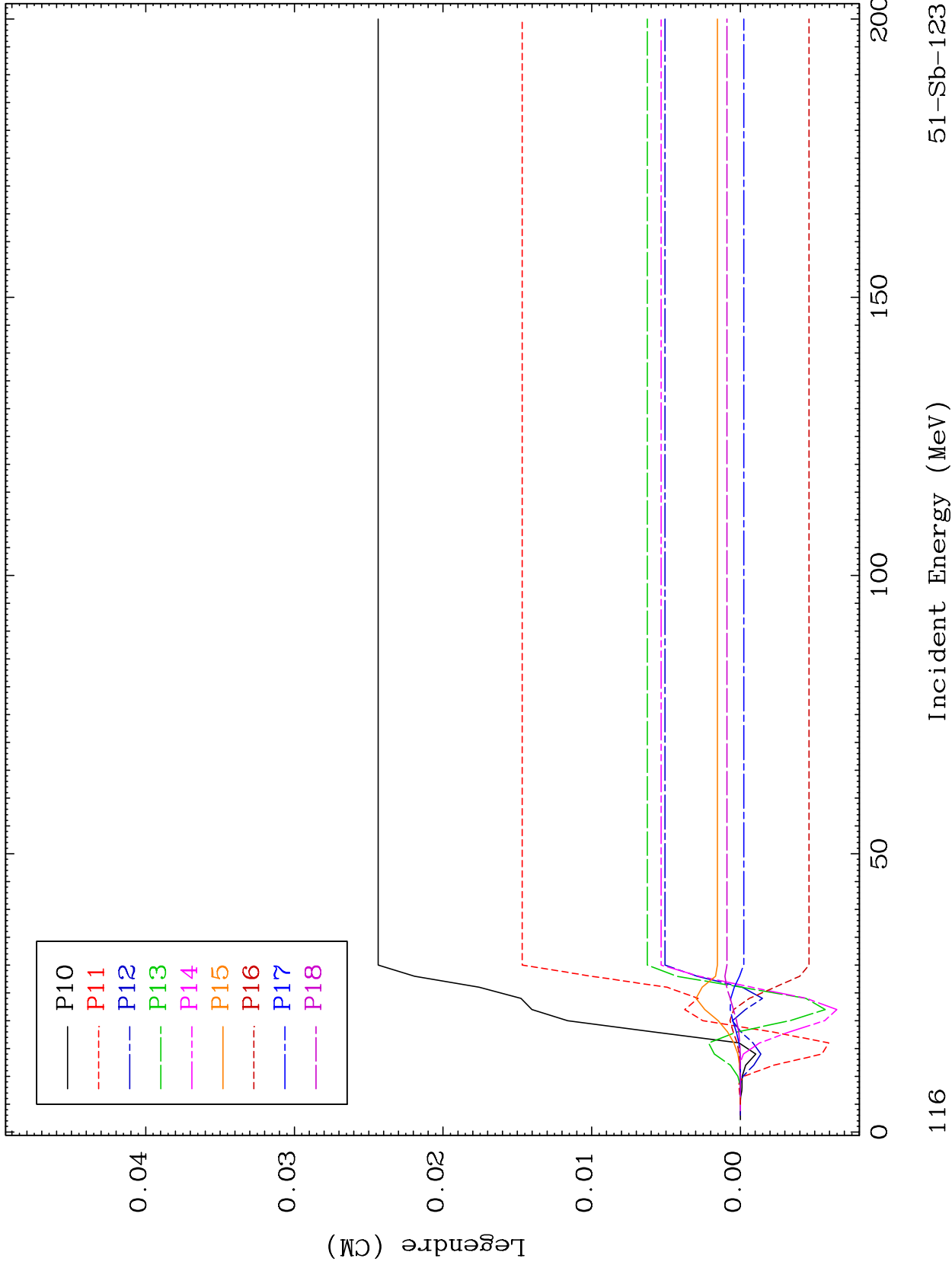




MAT 5131

2.033 MeV (n,n') Level  
Legendre Coefficients

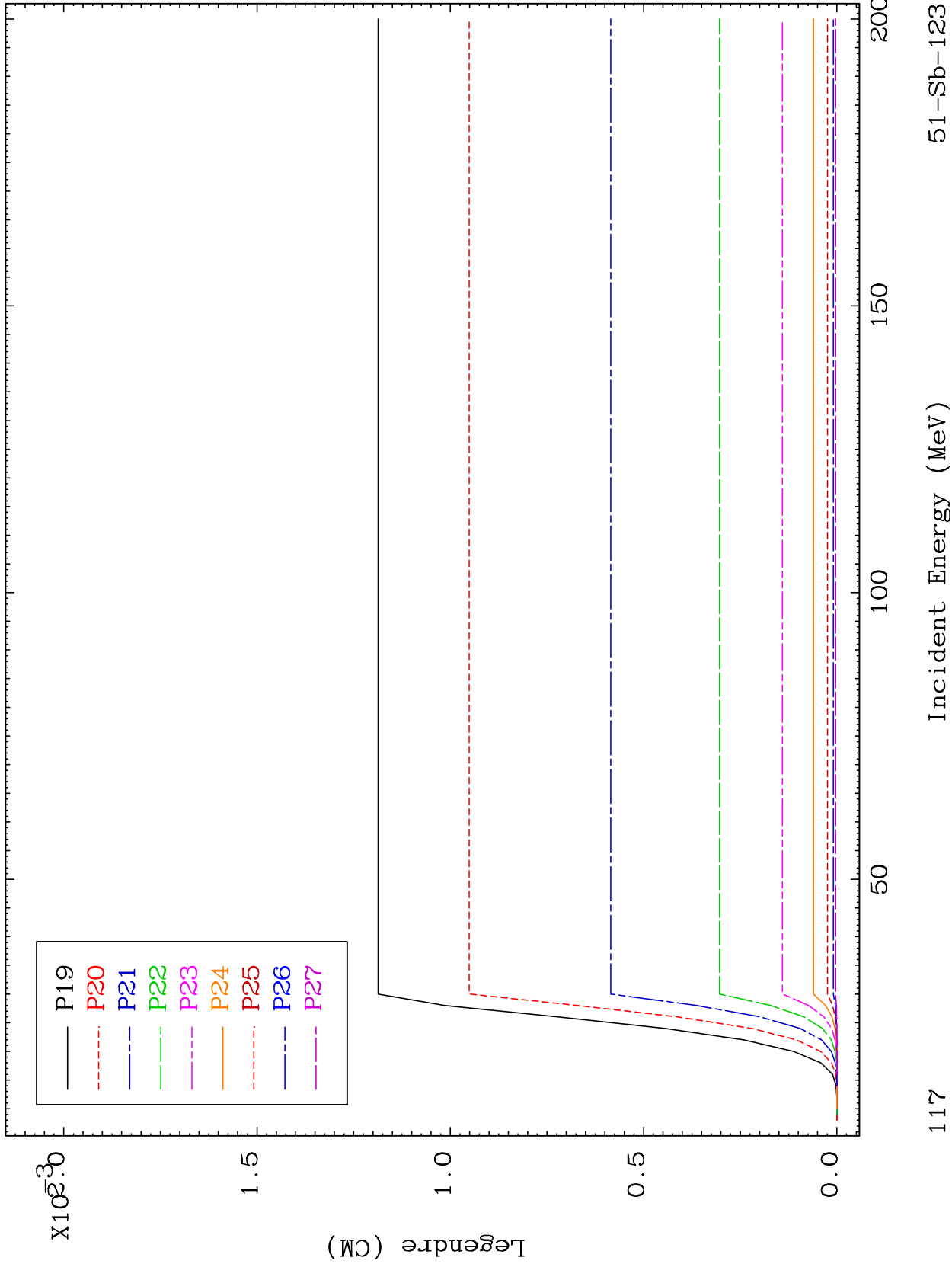
51-Sb-123



116

Incident Energy (MeV)

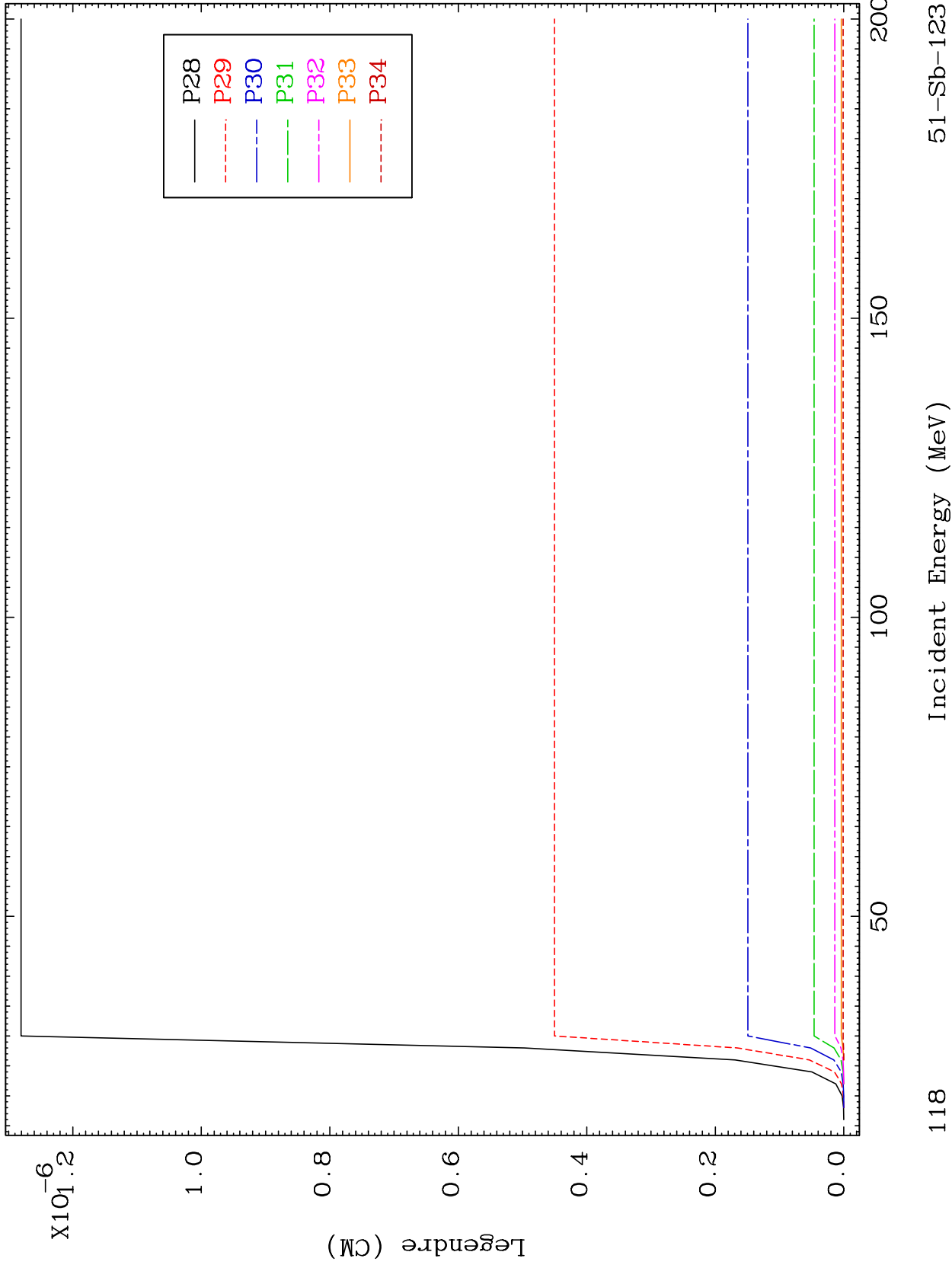
51-Sb-123



MAT 5131

2.033 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



118

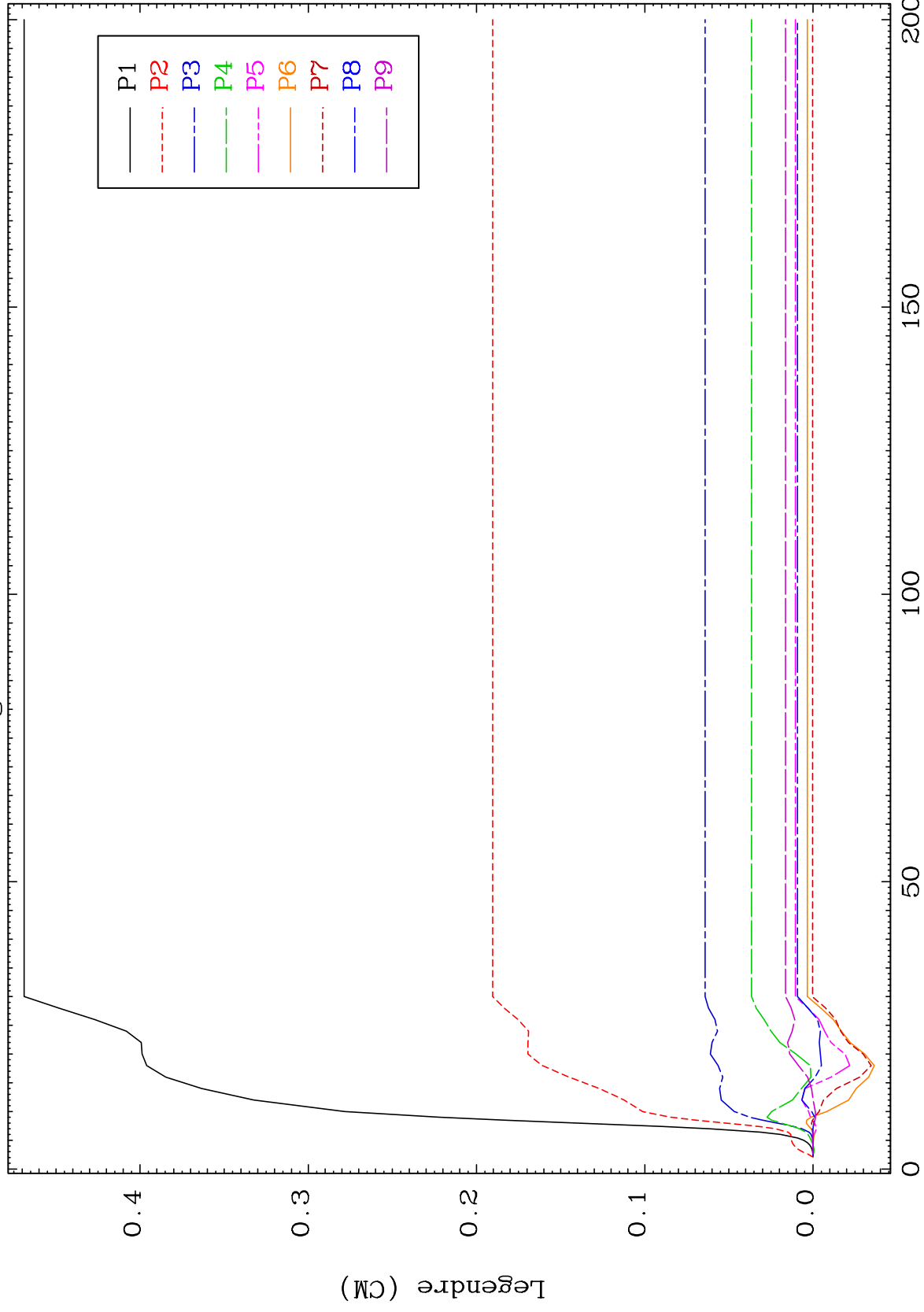
Incident Energy (MeV)

51-Sb-123

MAT 5131

2.036 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



119

Incident Energy (MeV)

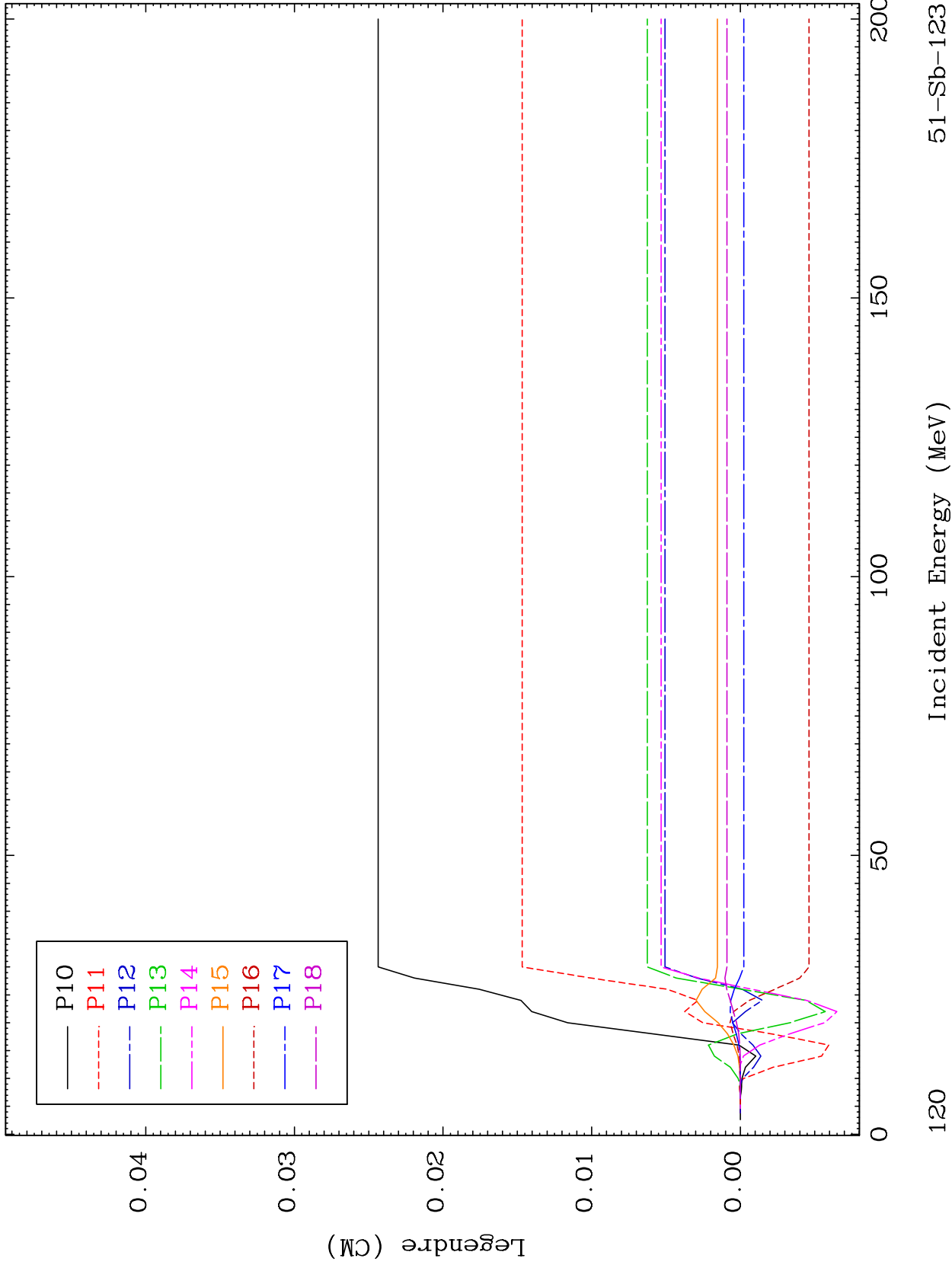
51-Sb-123



MAT 5131

2.036 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



51-Sb-123

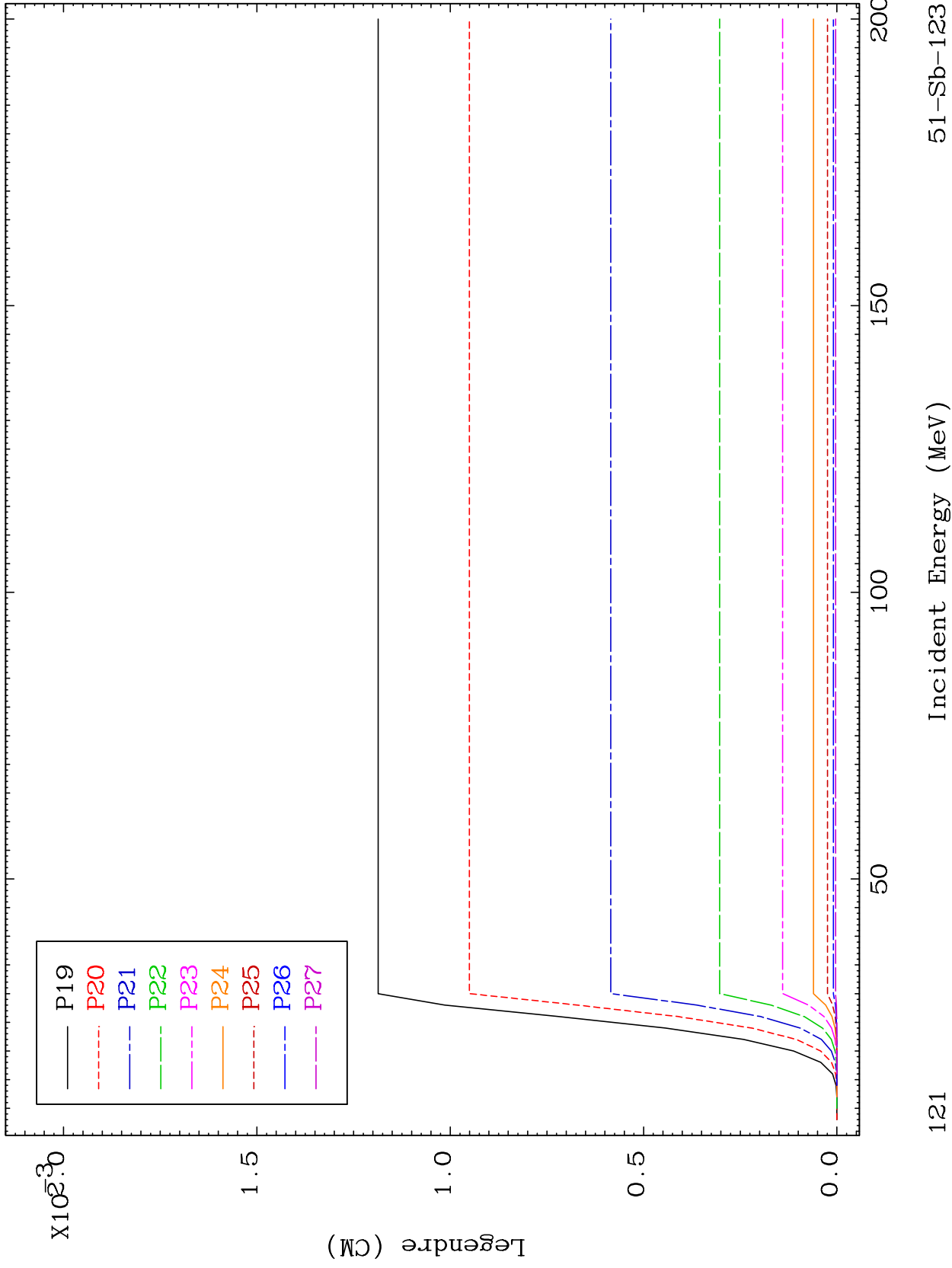
Incident Energy (MeV)

120

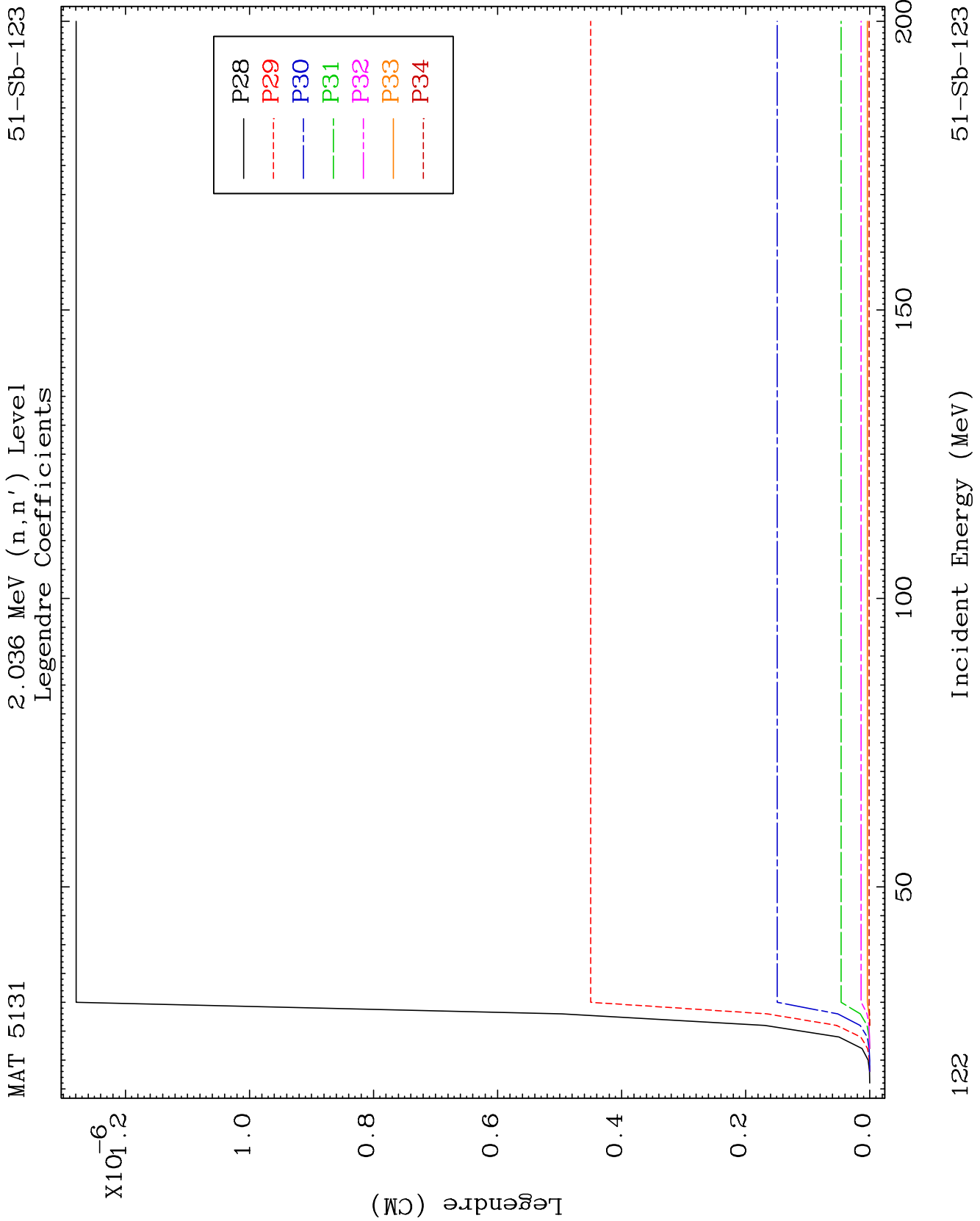
MAT 5131

2.036 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



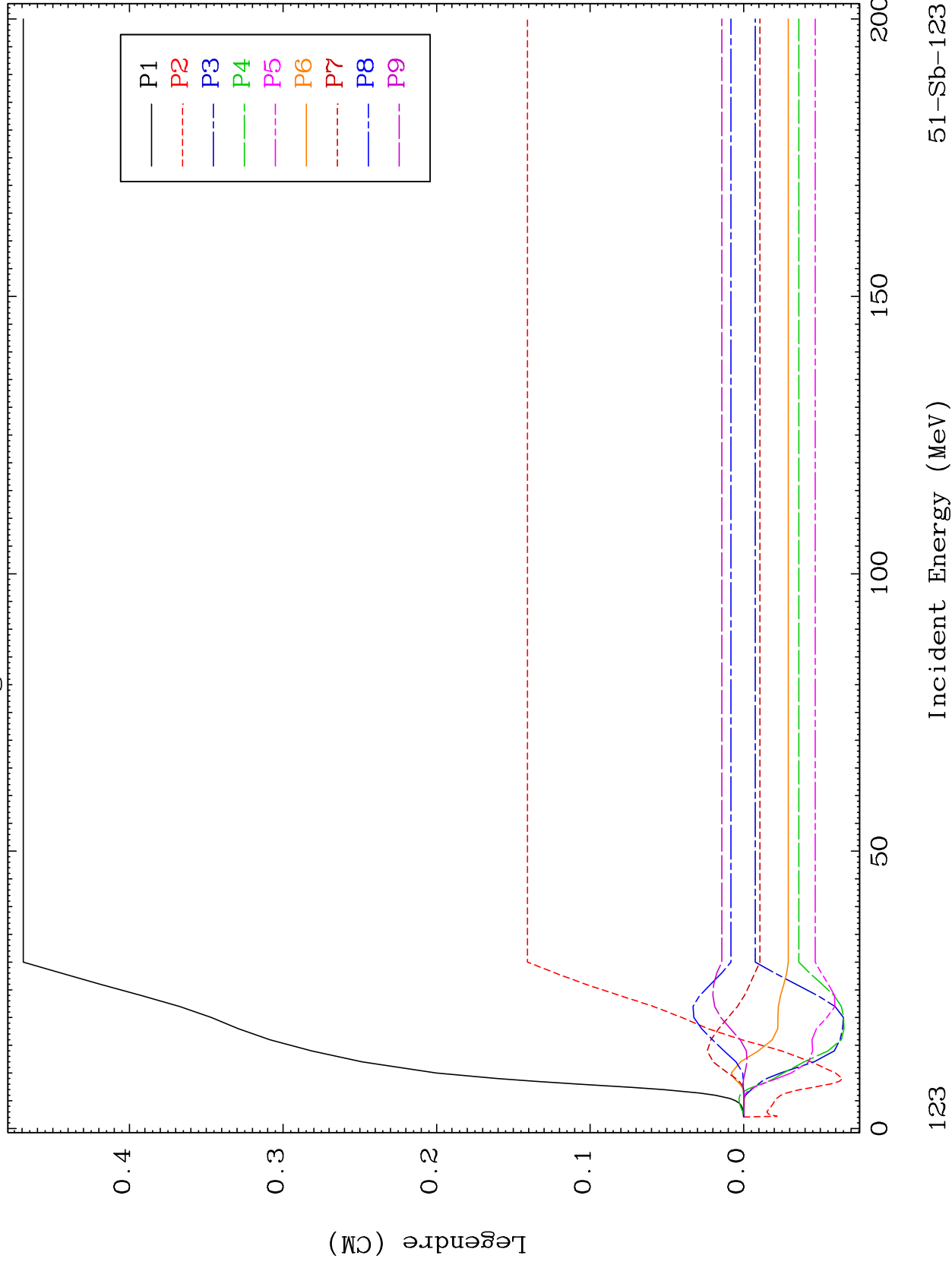
121



MAT 5131

2.048 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



51-Sb-123

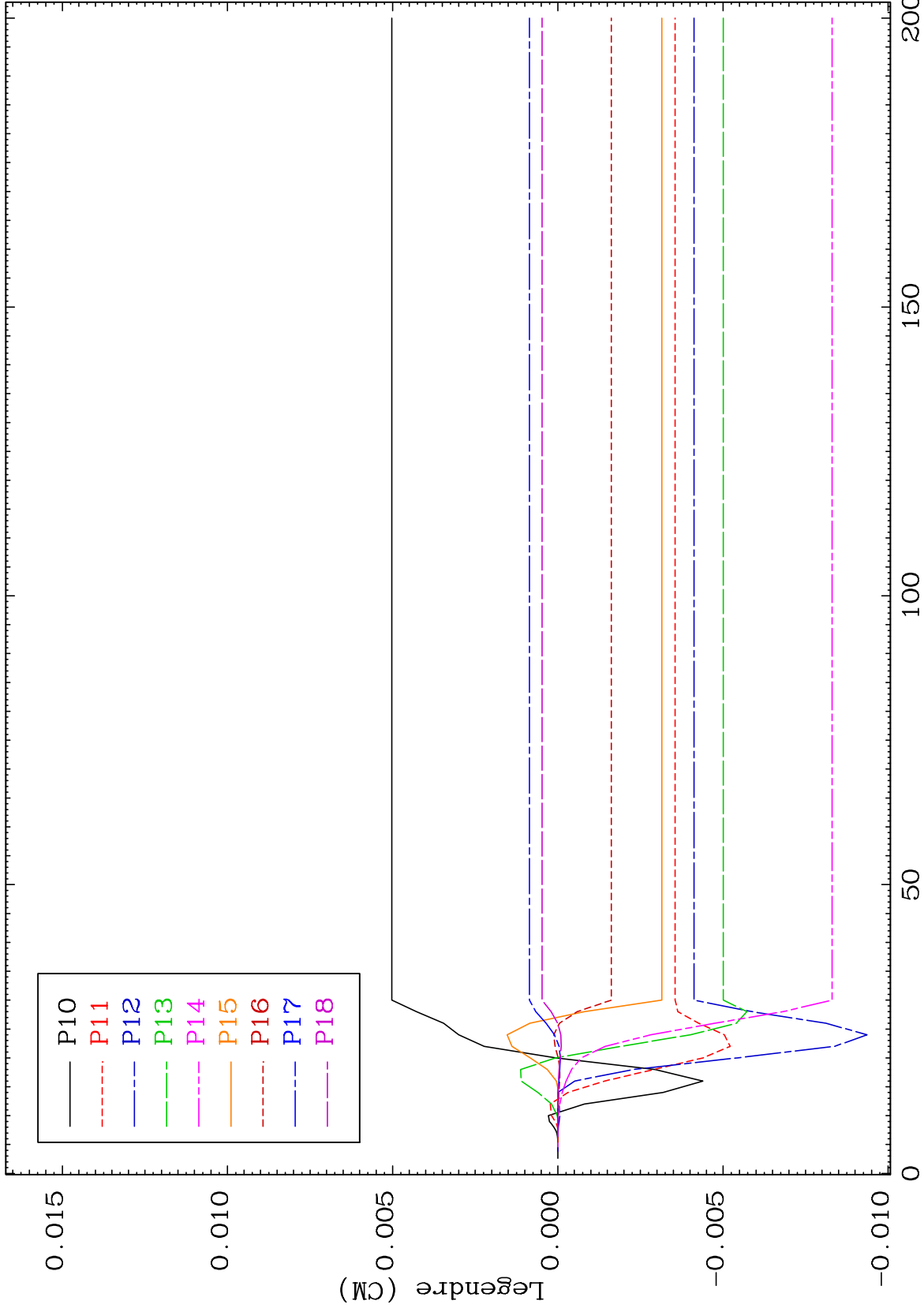
Incident Energy (MeV)

123

MAT 5131

2.048 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



124

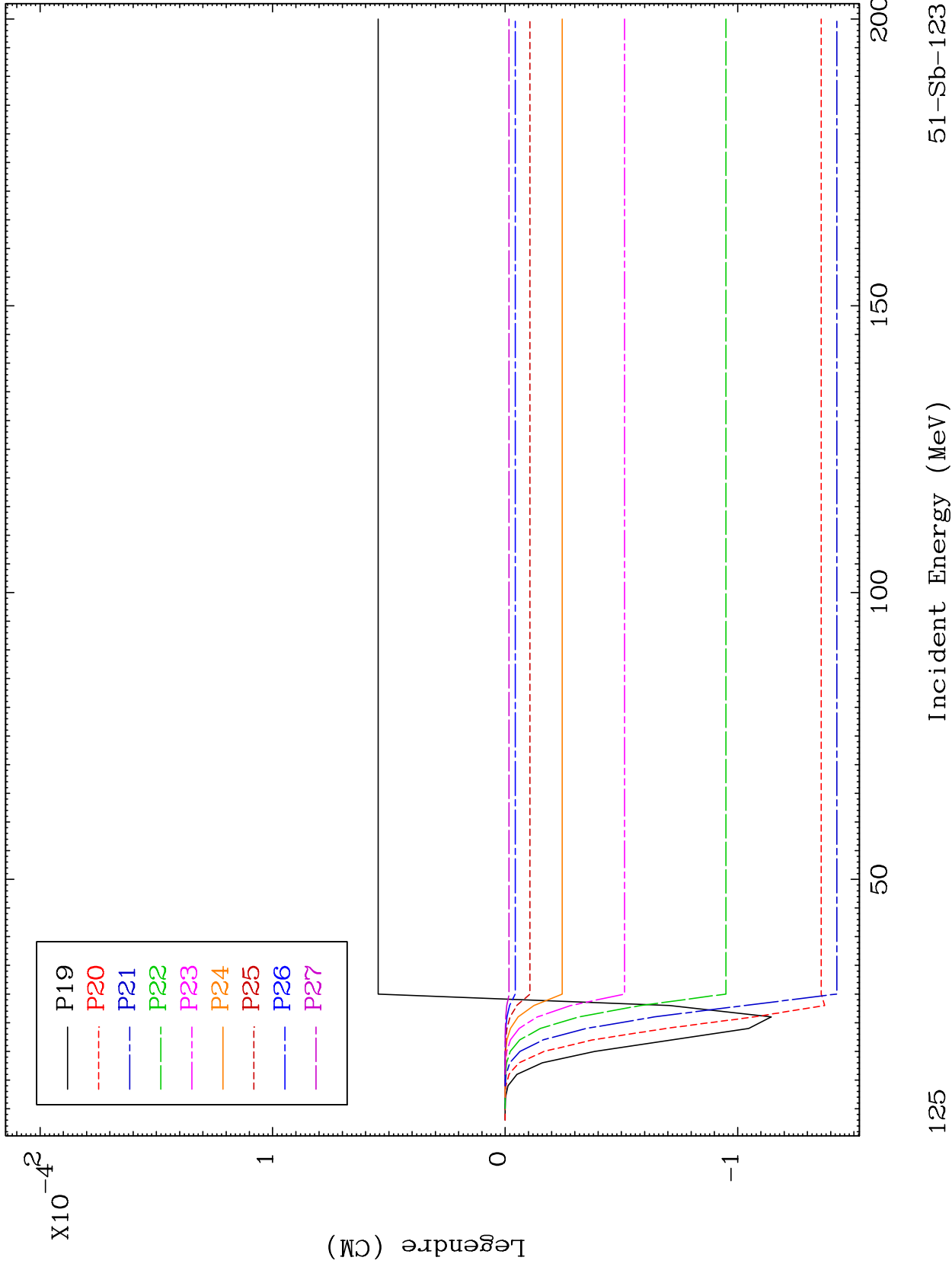
Incident Energy (MeV)

51-Sb-123

MAT 5131

2.048 MeV (n, n') Level  
Legendre Coefficients

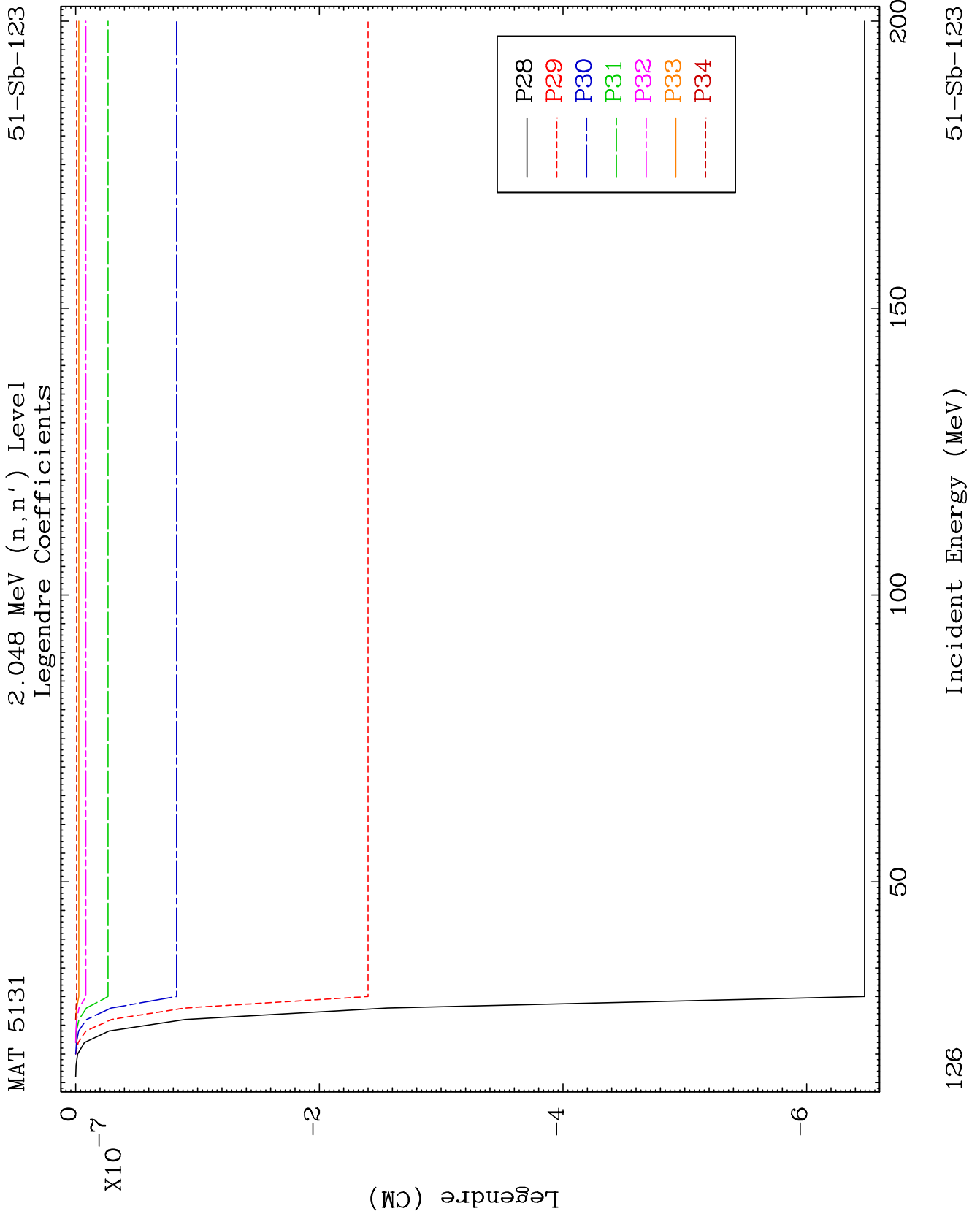
51-Sb-123



125

Incident Energy (MeV)

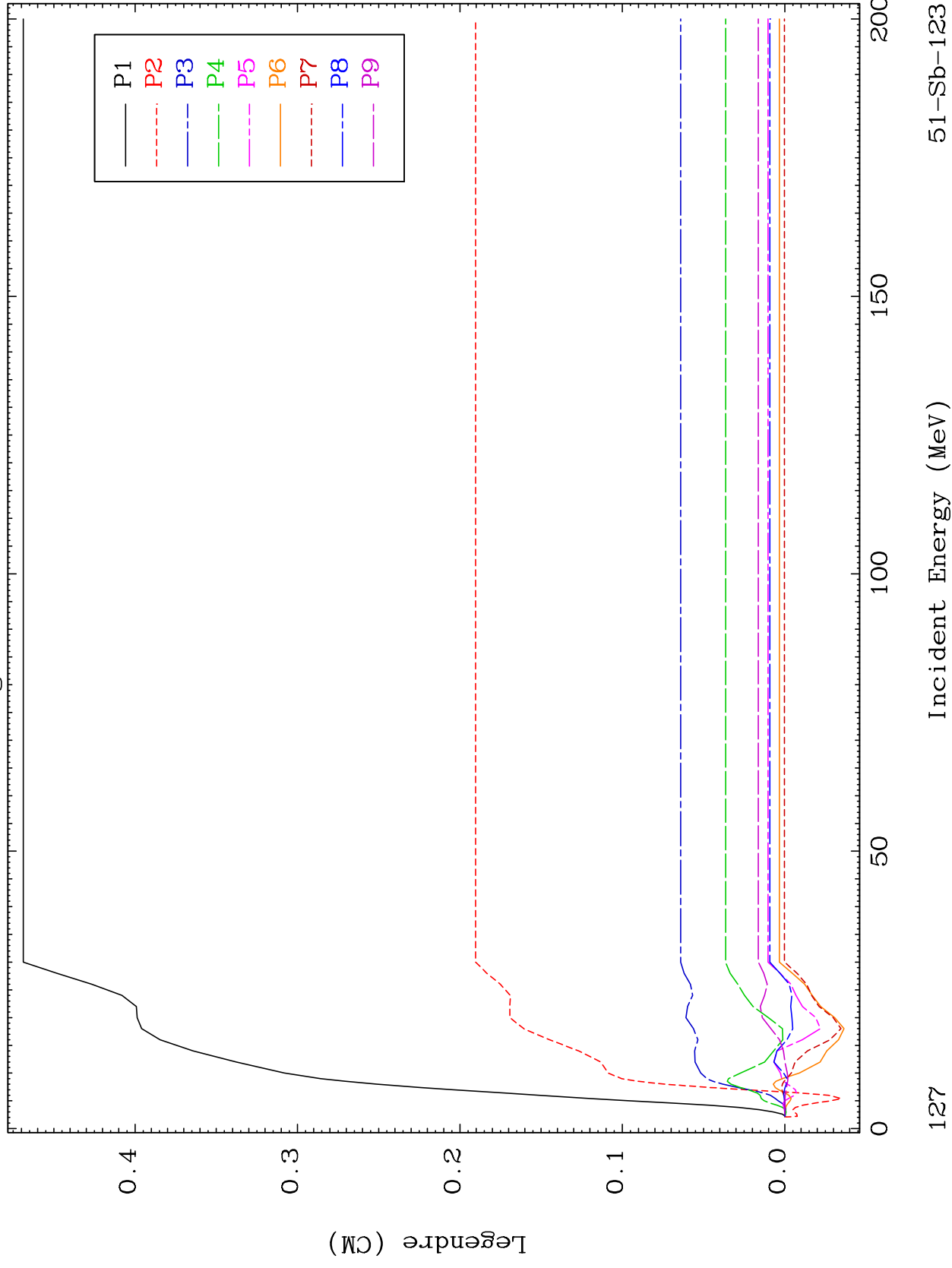
51-Sb-123



MAT 5131

2.059 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



51-Sb-123

Incident Energy (MeV)

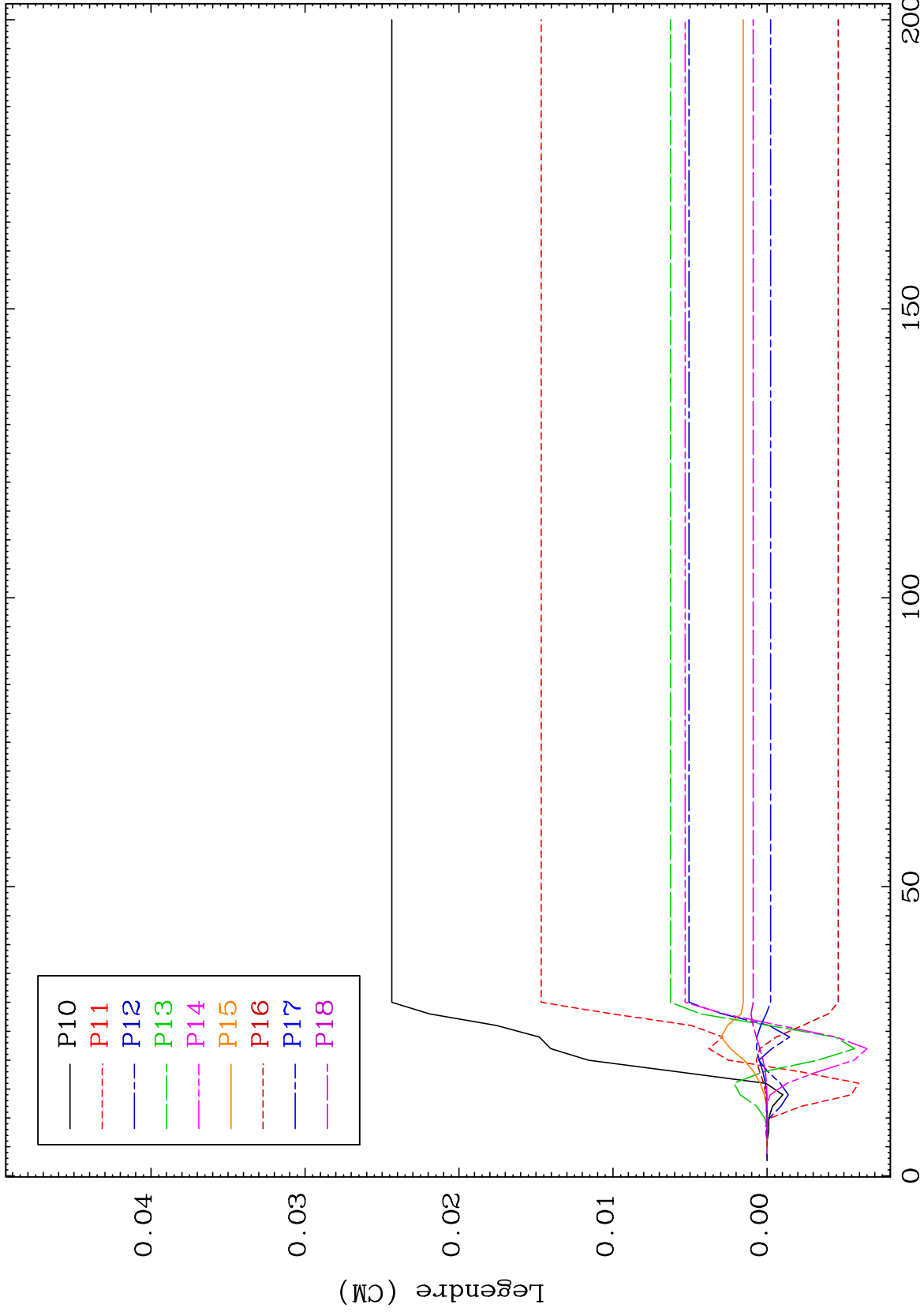
127



MAT 5131

2.059 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



128

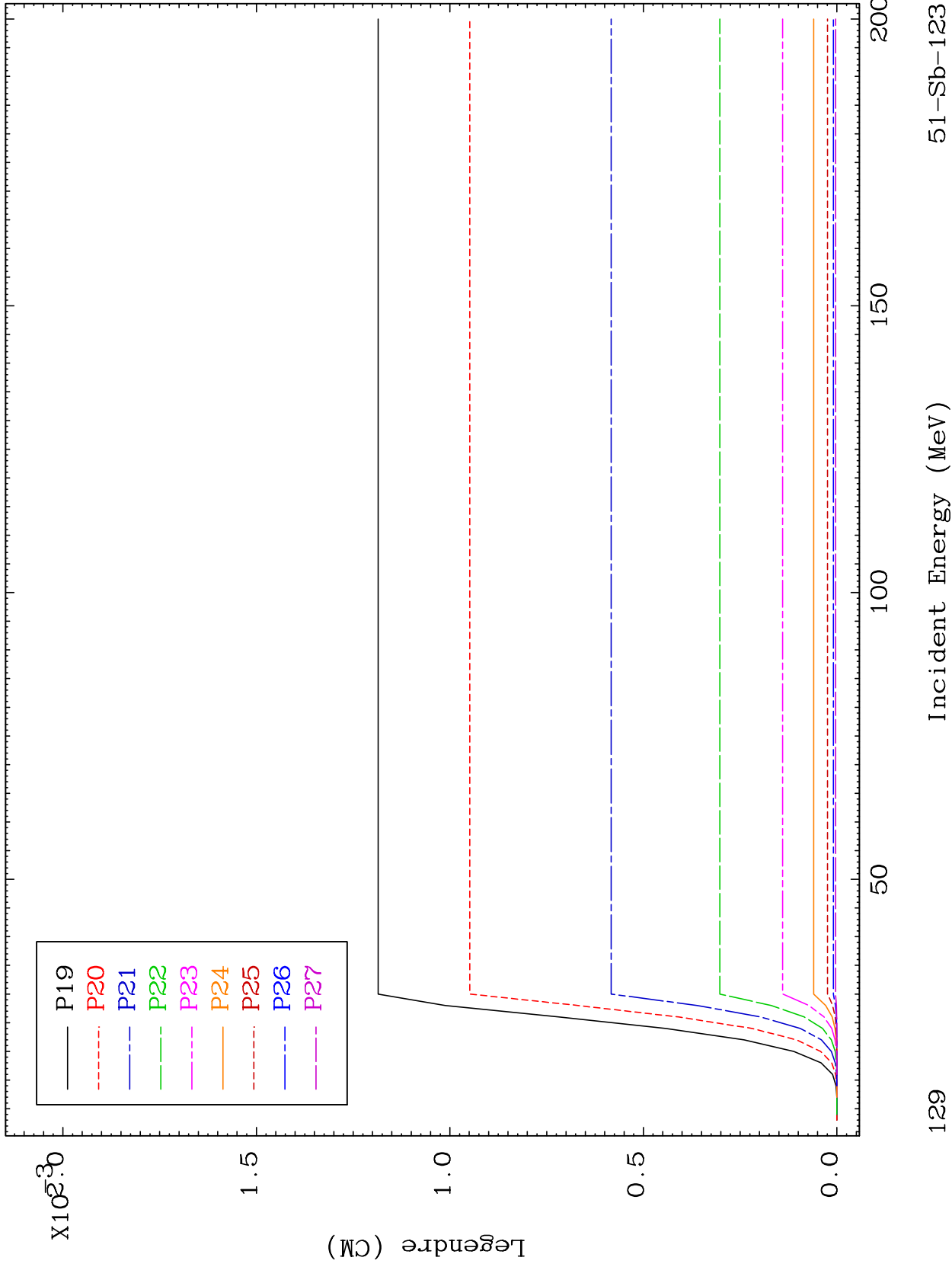
Incident Energy (MeV)

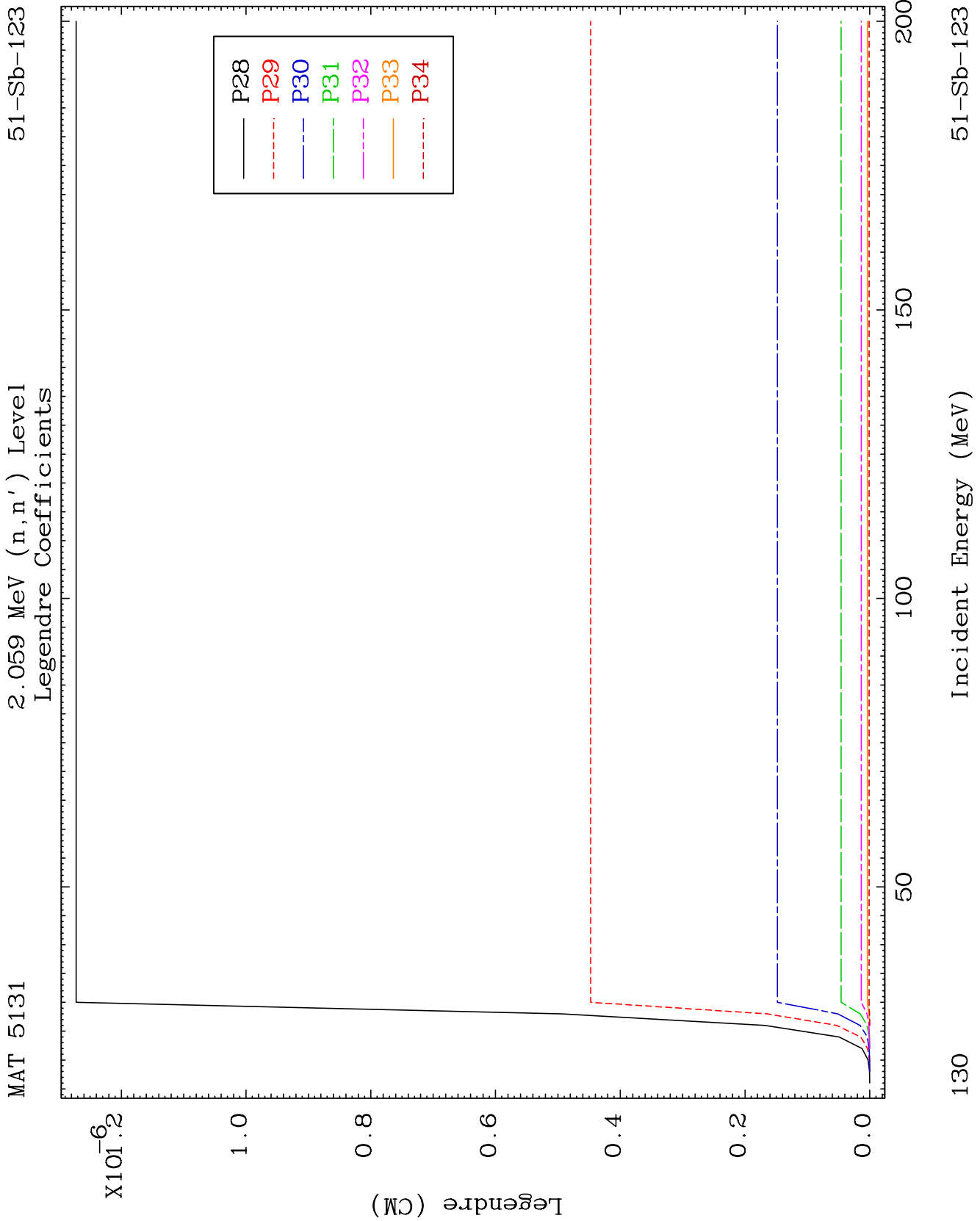
51-Sb-123

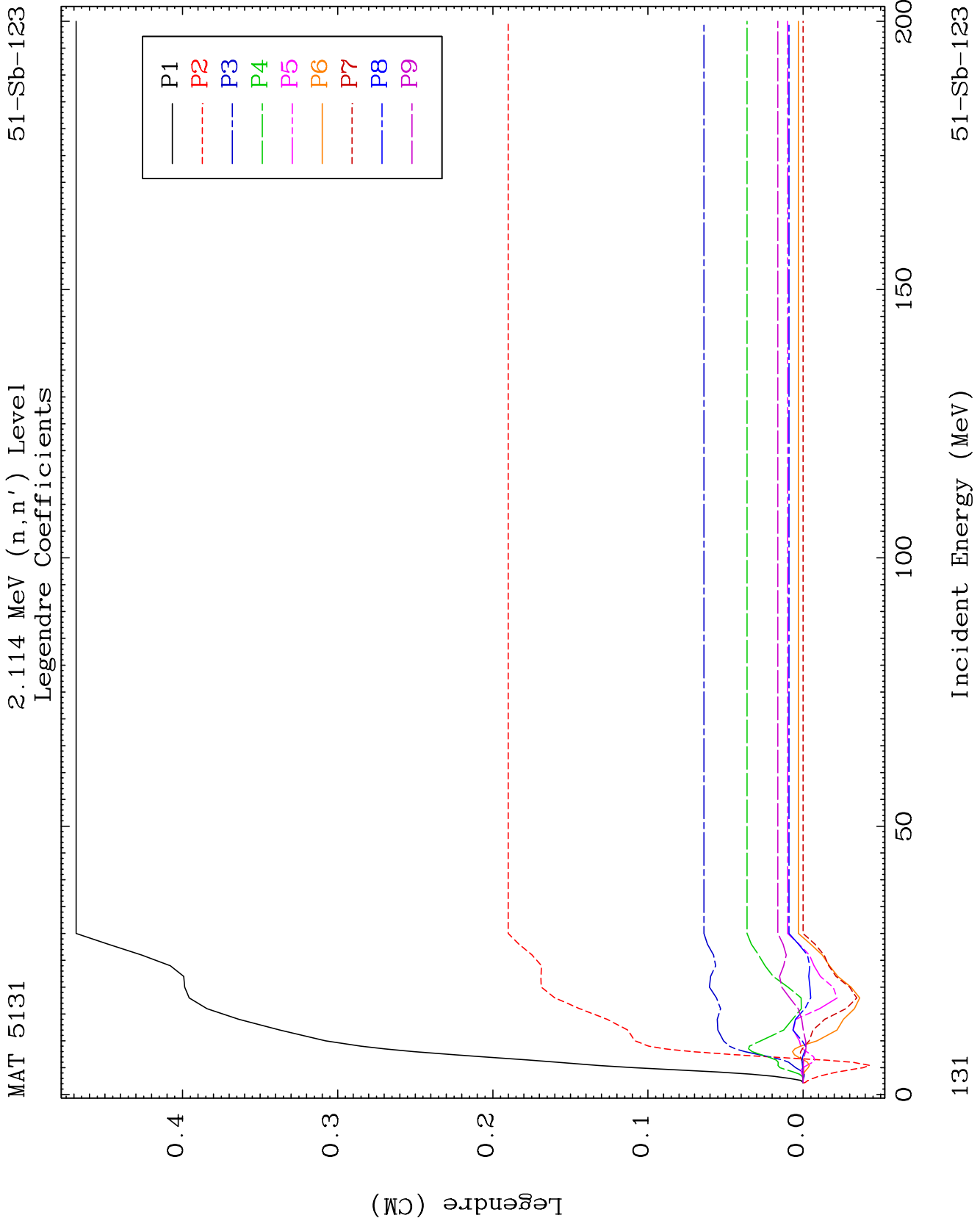
MAT 5131

2.059 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



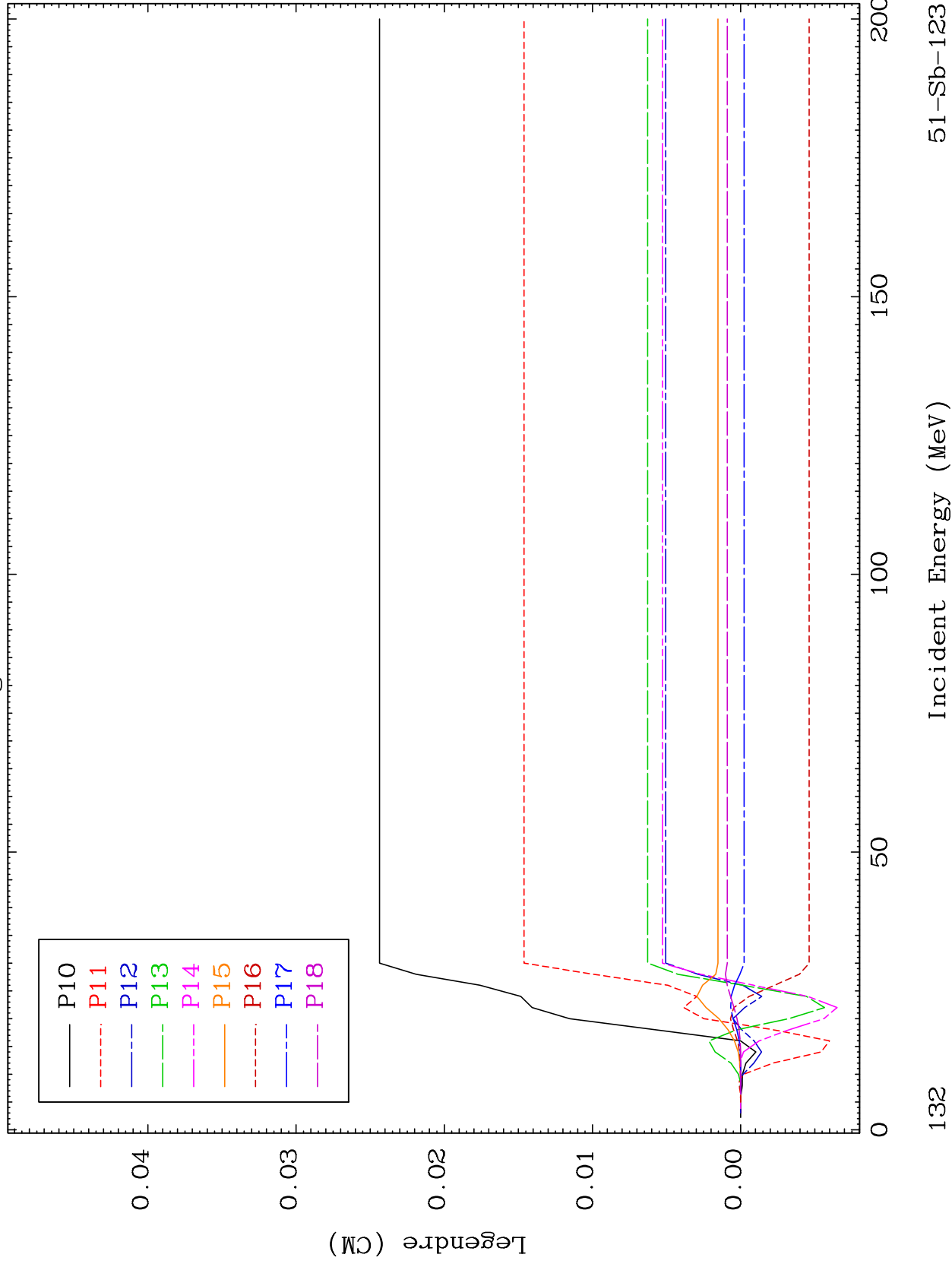




MAT 5131

2.114 MeV (n,n') Level  
Legendre Coefficients

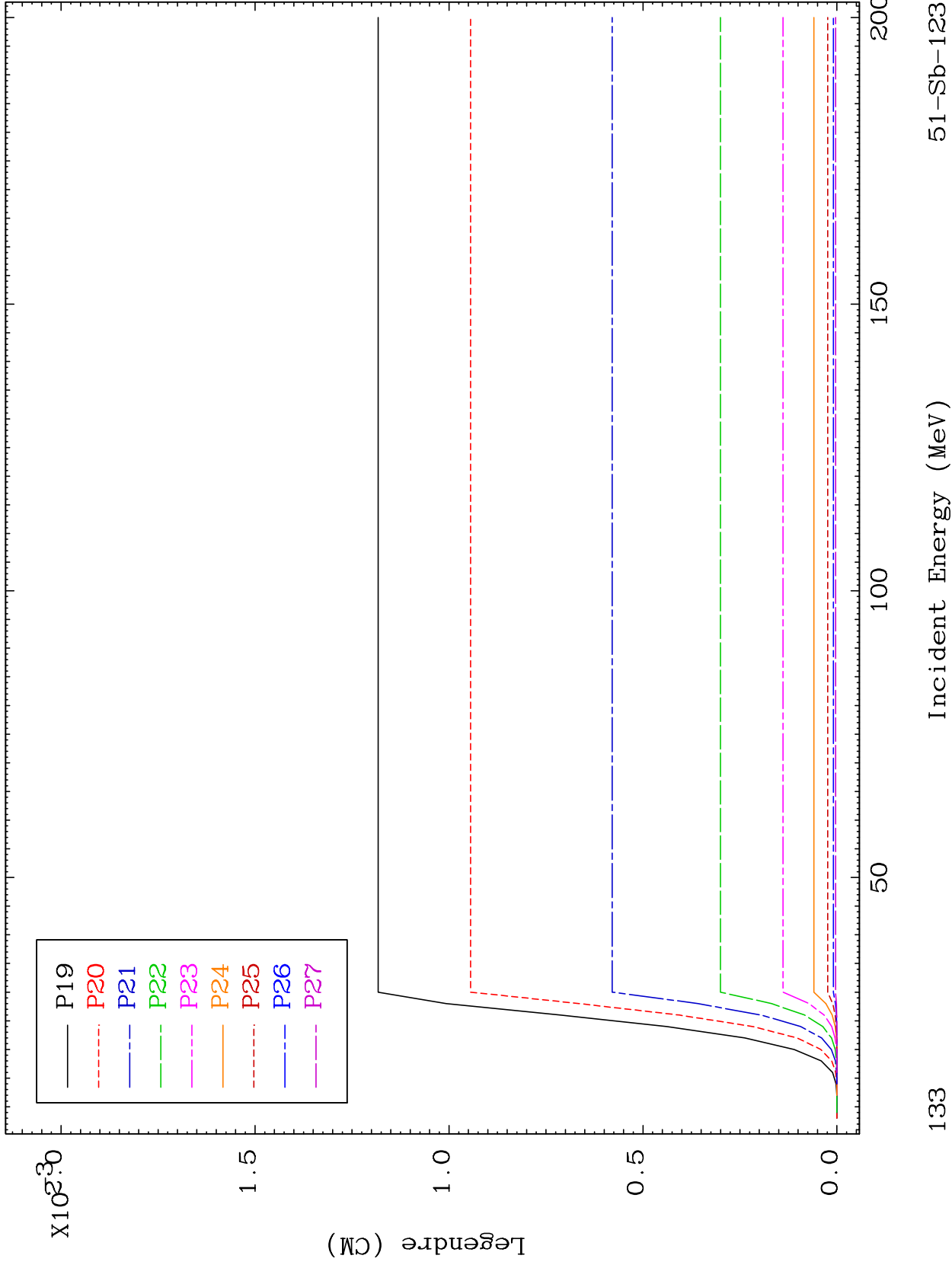
51-Sb-123

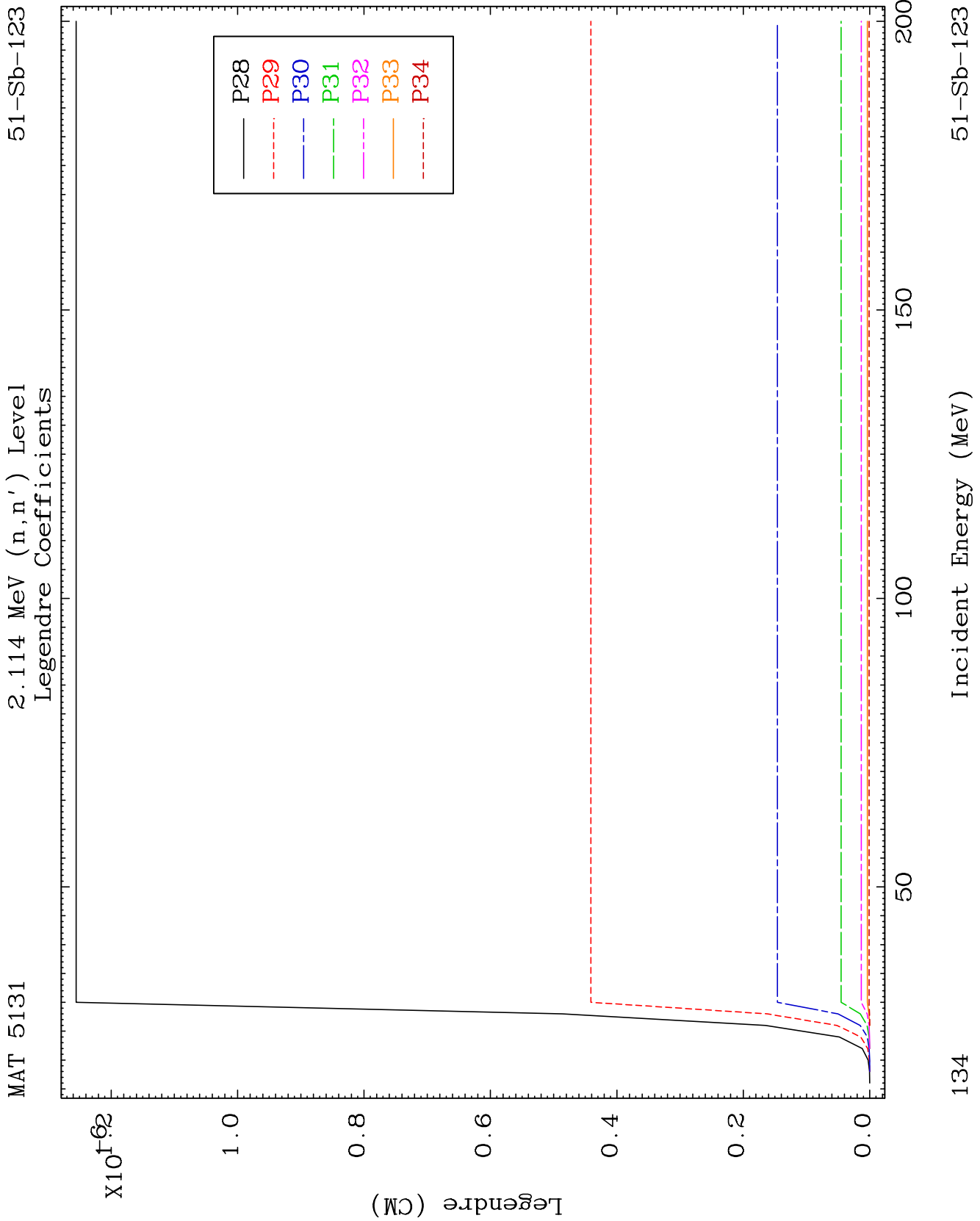


132

Incident Energy (MeV)

51-Sb-123

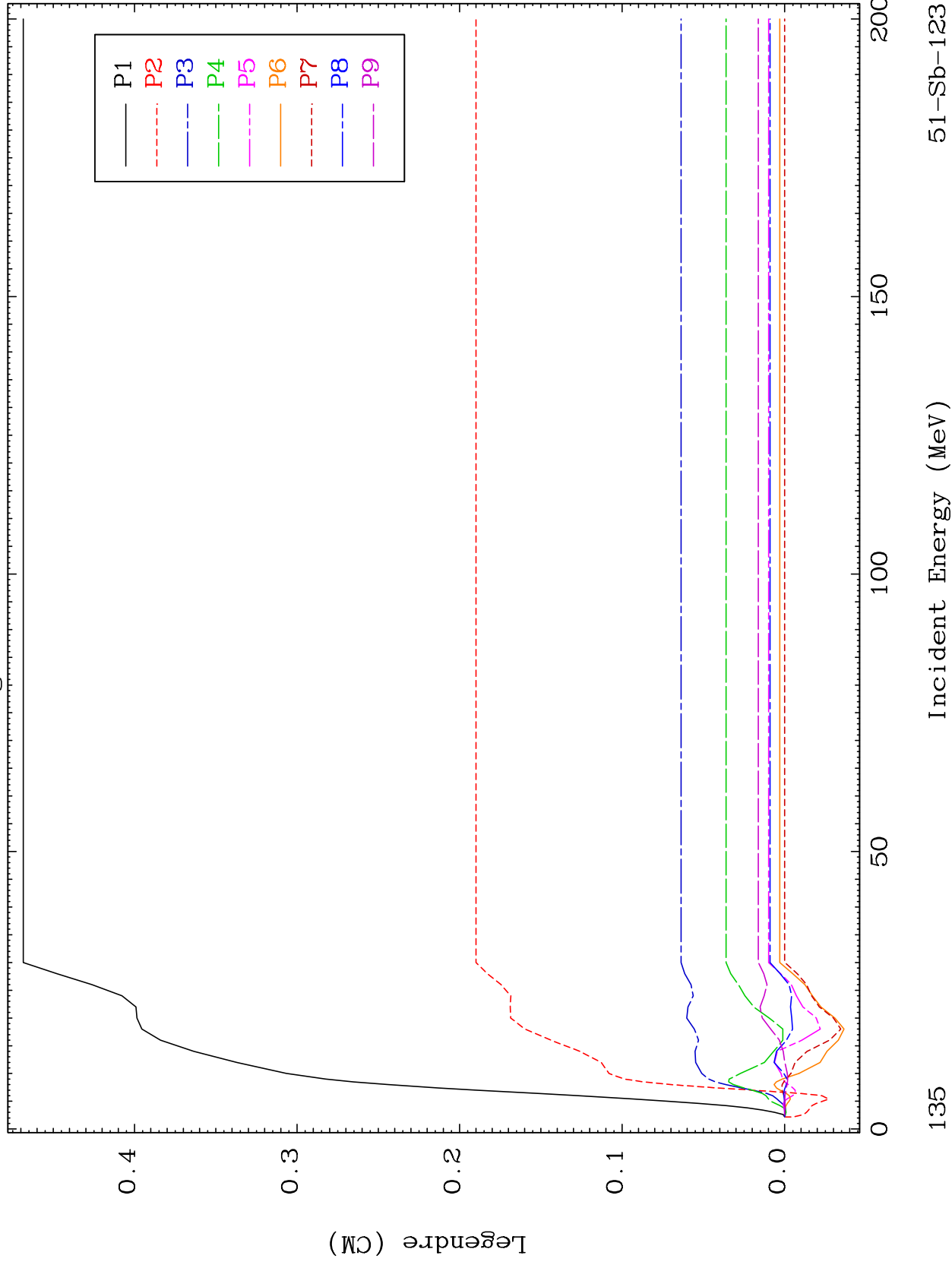




MAT 5131

2.138 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



51-Sb-123

Incident Energy (MeV)

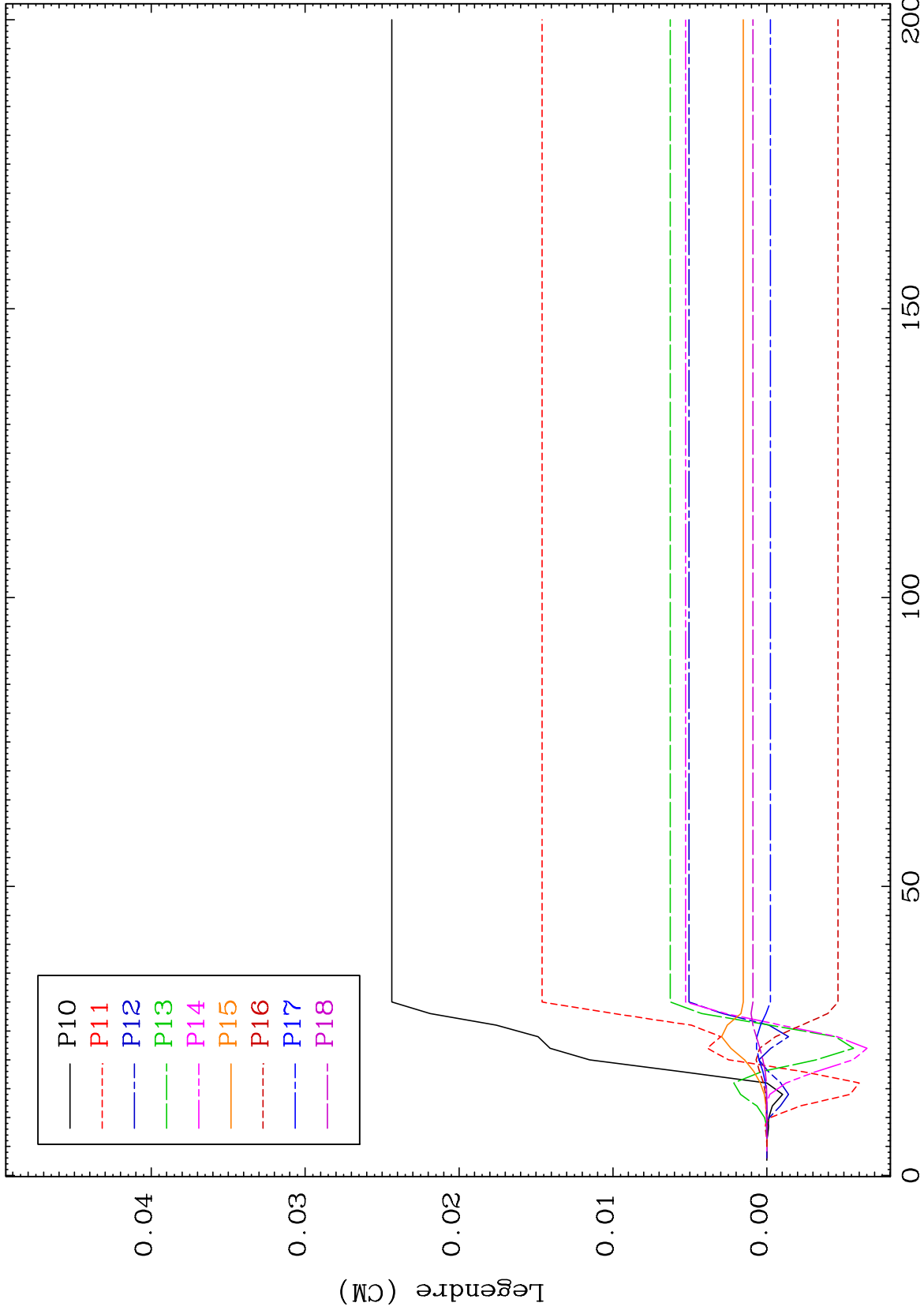
135



MAT 5131

2.138 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



136

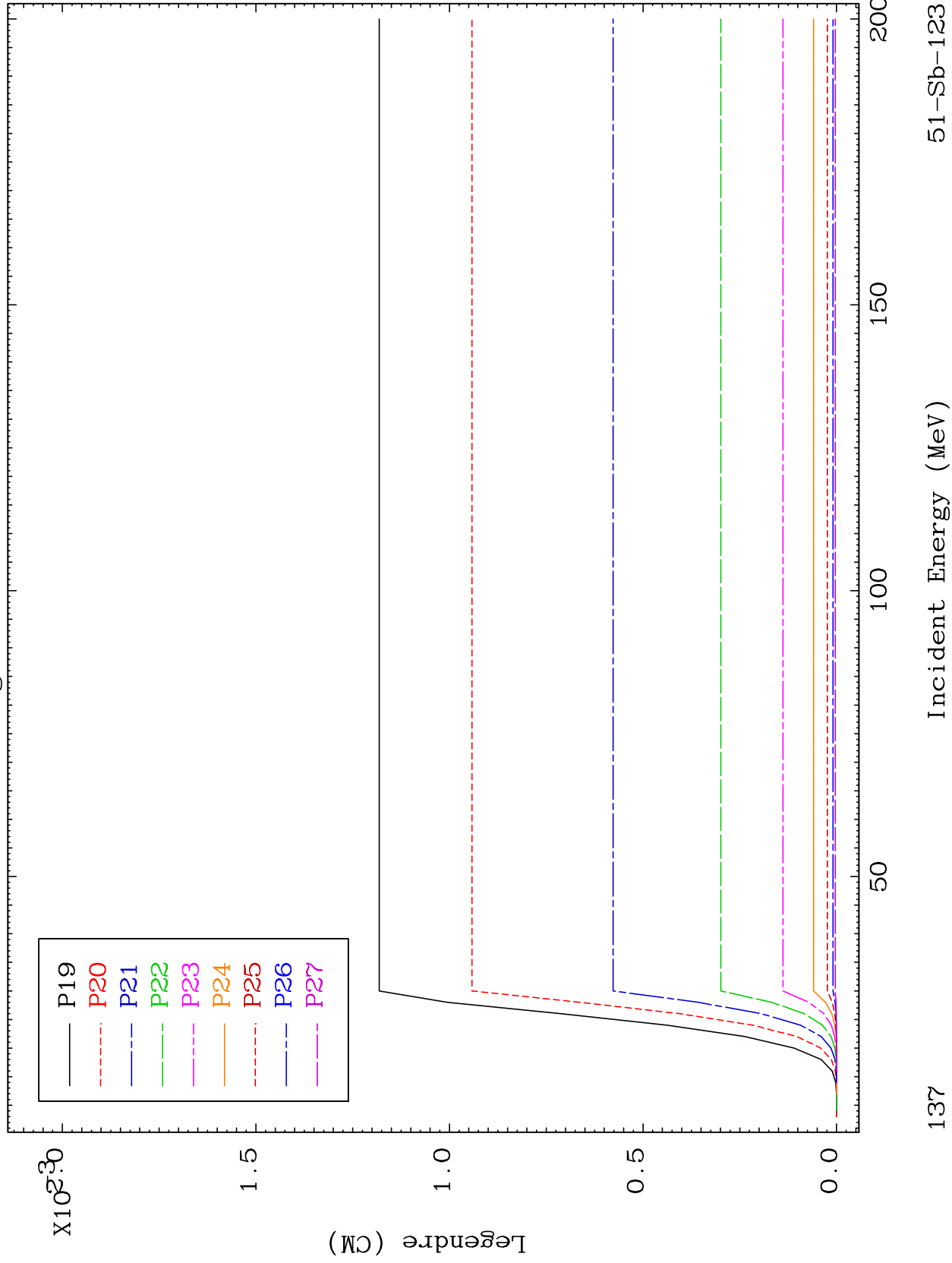
Incident Energy (MeV)

51-Sb-123

MAT 5131

2.138 MeV (n,n') Level  
Legendre Coefficients

51-Sb-123



137

Incident Energy (MeV)

51-Sb-123

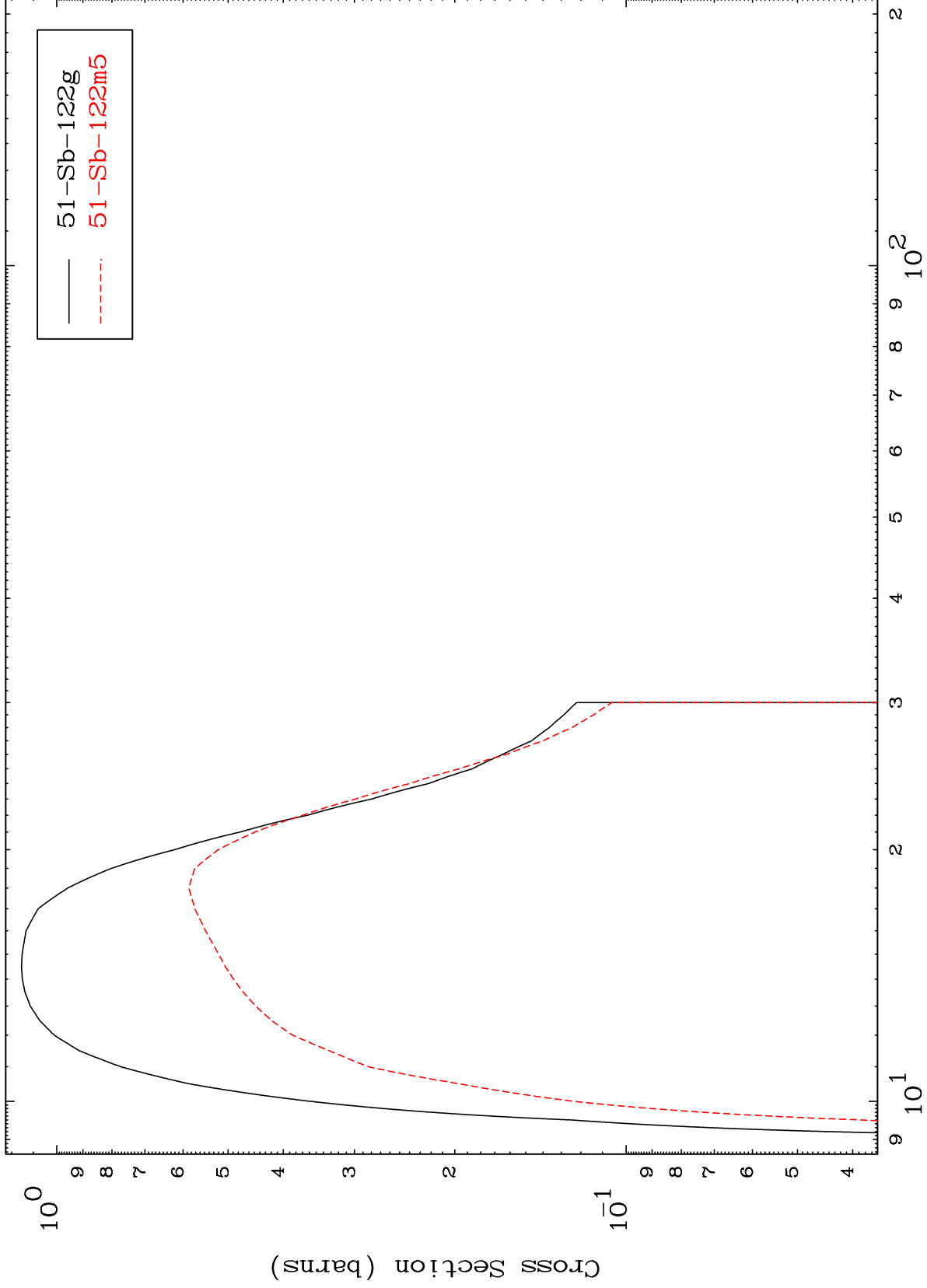


MAT 5131

(n,2n)

51-Sb-123

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-123

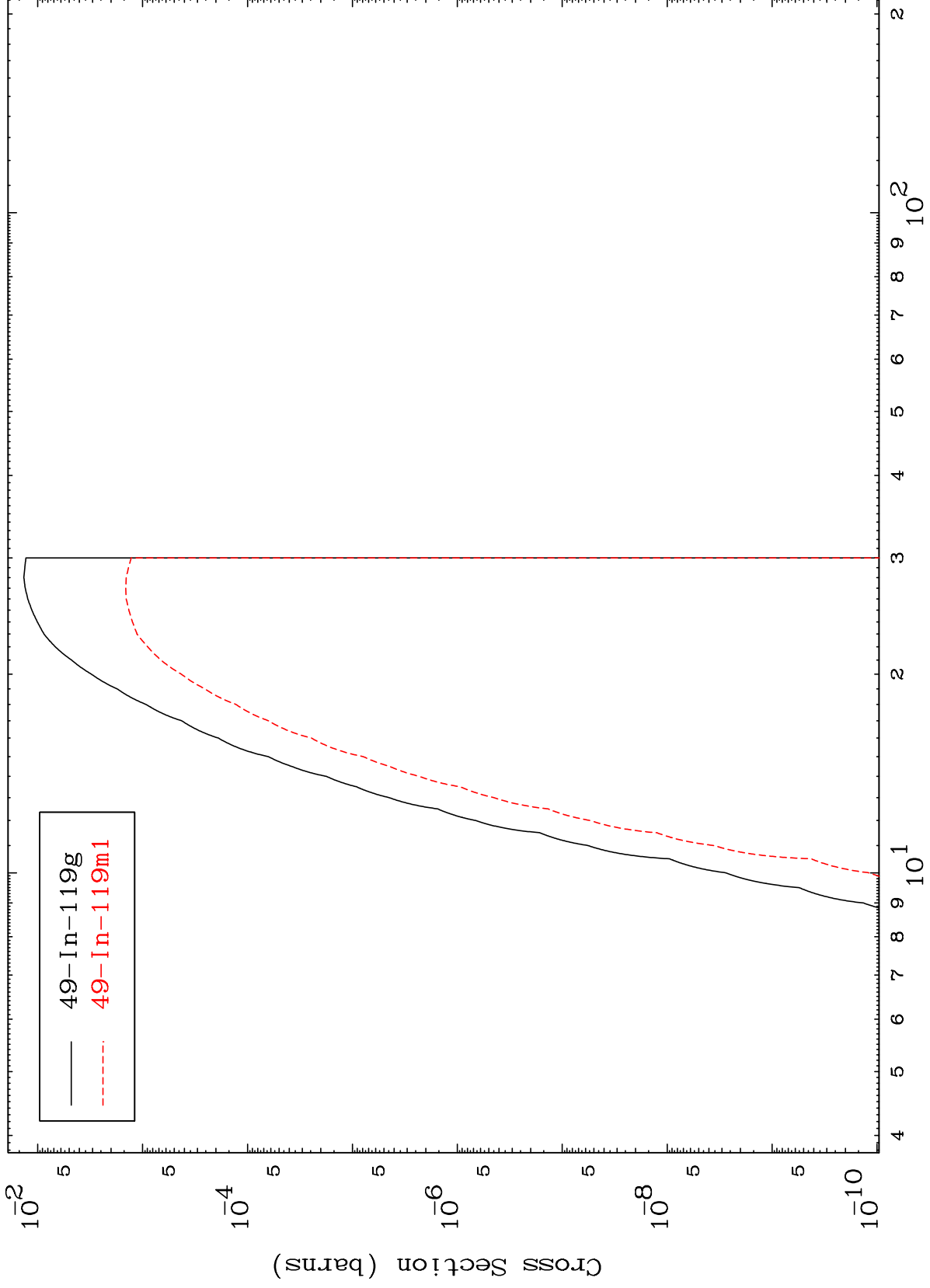
139

MAT 5131

(n,n')  $\alpha$

51-Sb-123

Radionuclide Production Cross Section



49-In-119g  
49-In-119m1

140

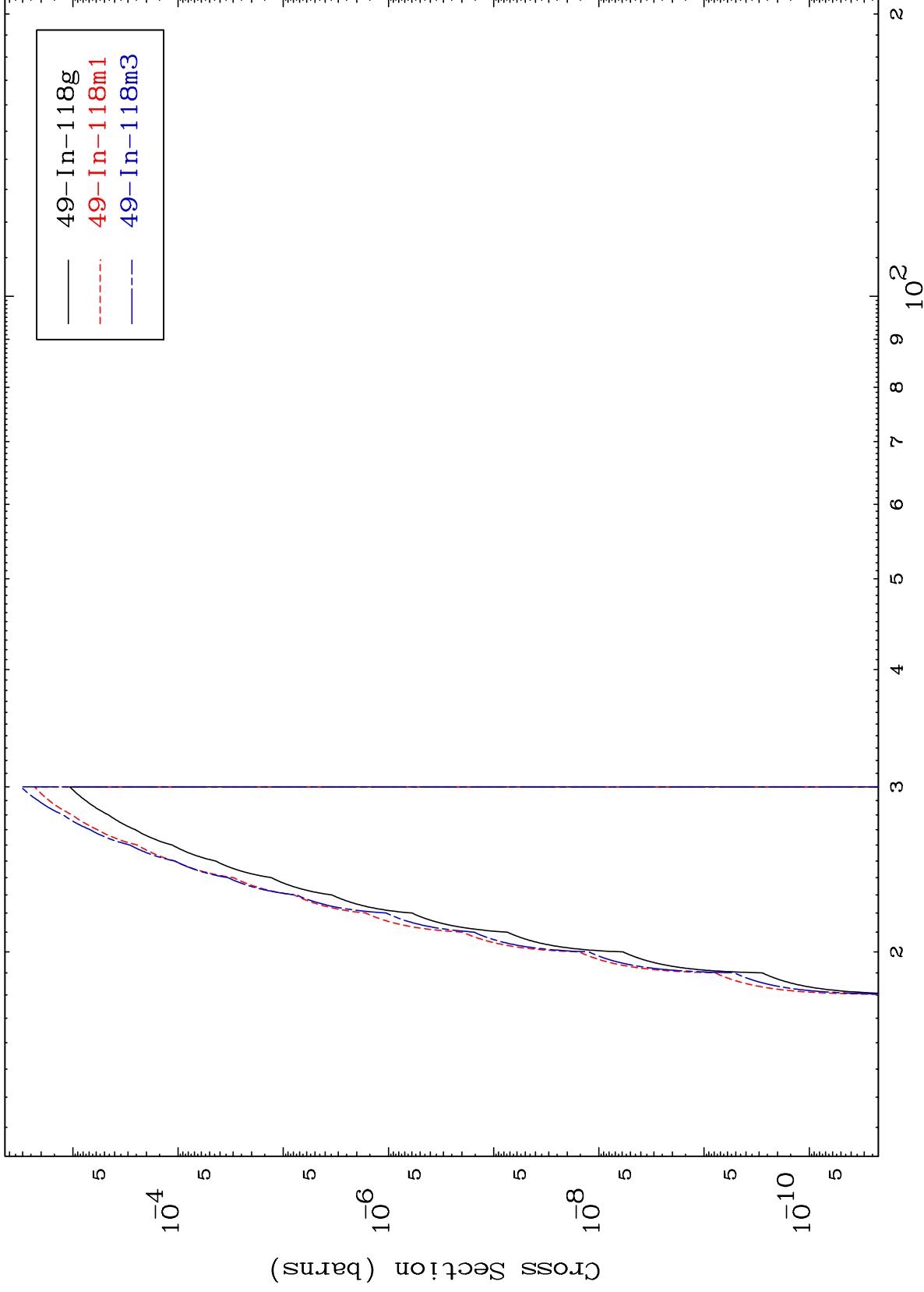
51-Sb-123

MAT 5131

(n,2n)  $\alpha$

51-Sb-123

Radionuclide Production Cross Section



141

Incident Energy (MeV)

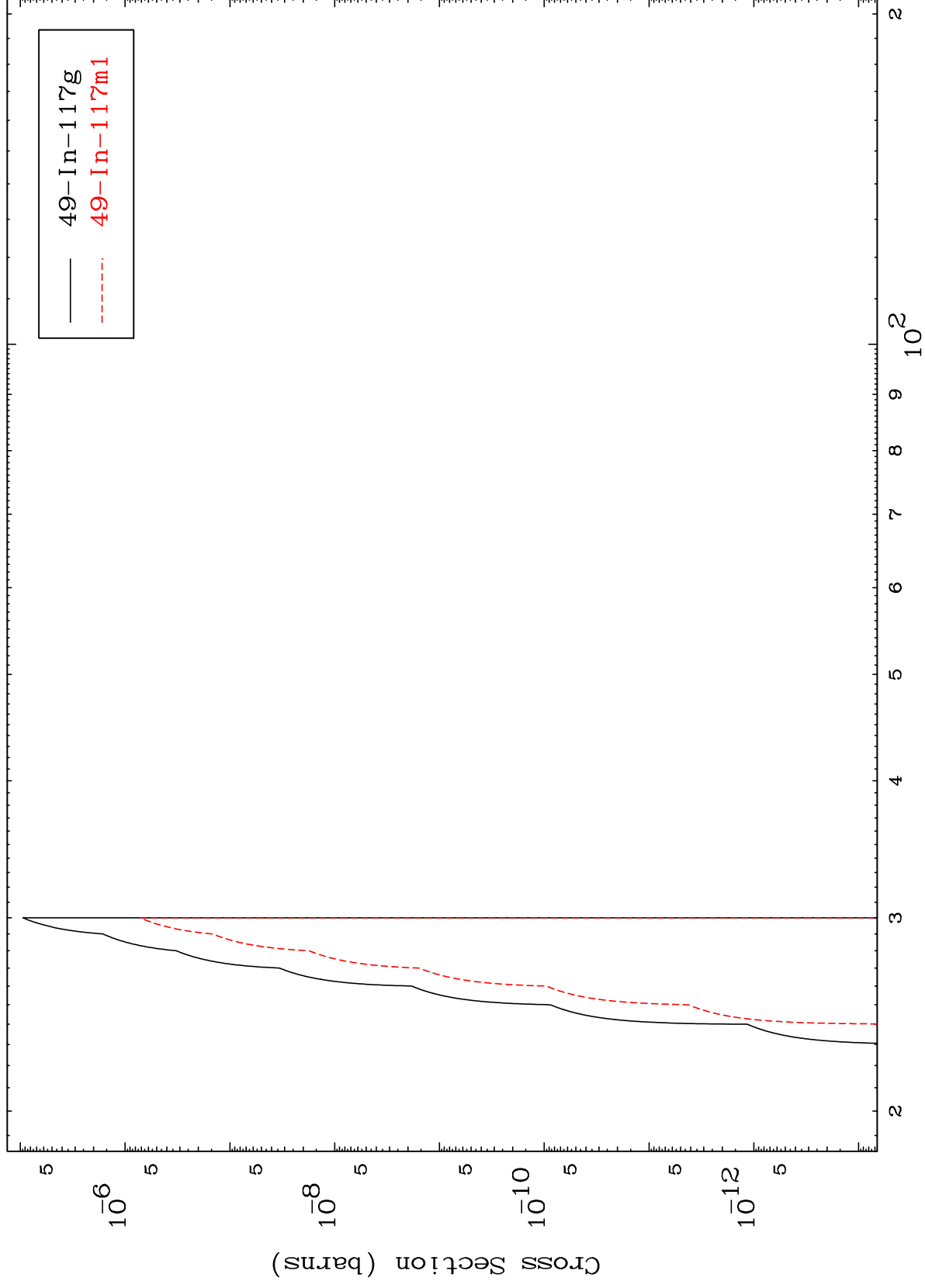
51-Sb-123

MAT 5131

(n,3n)  $\alpha$

51-Sb-123

Radionuclide Production Cross Section



142

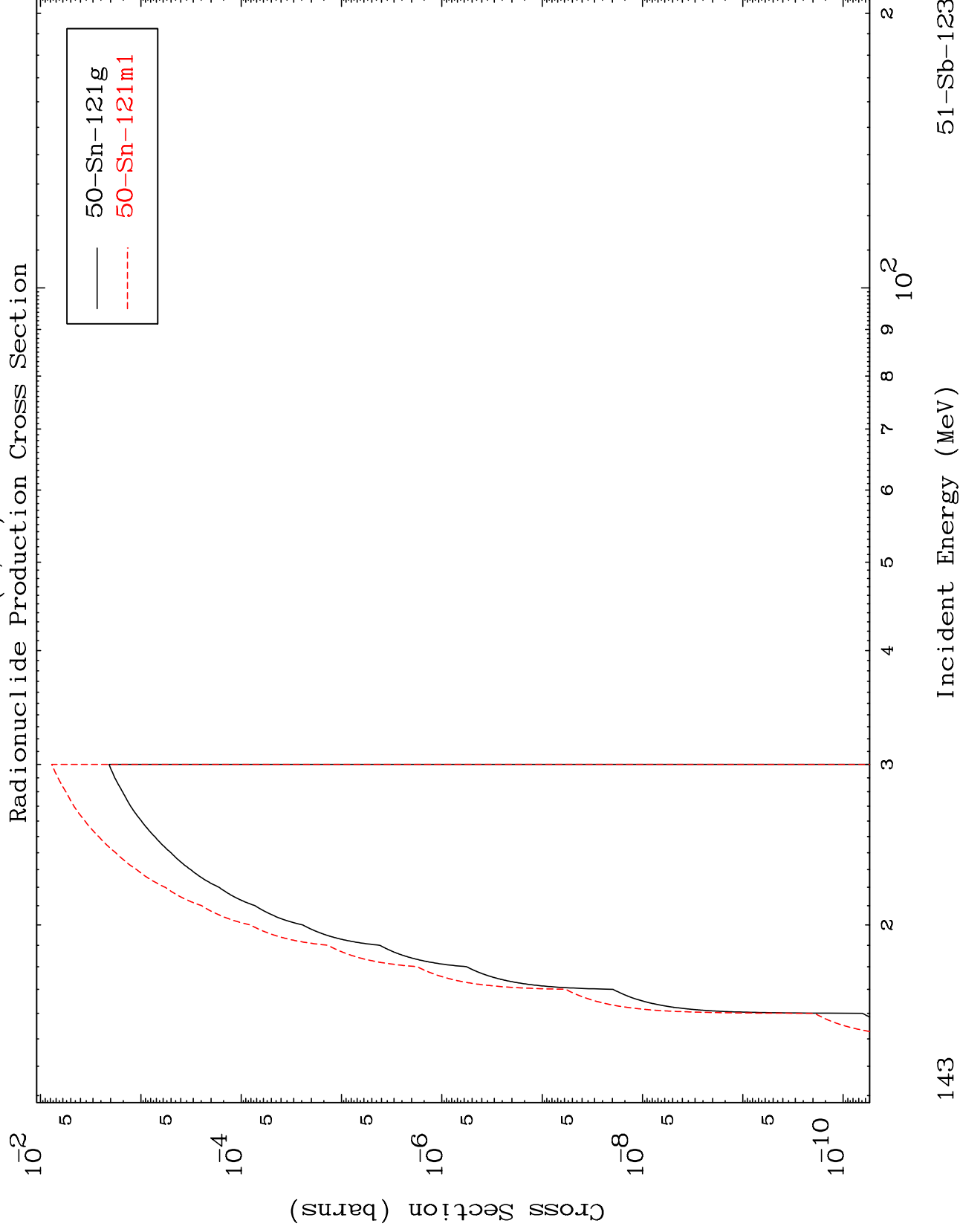
Incident Energy (MeV)

51-Sb-123

MAT 5131

(n,n') d

51-Sb-123



143

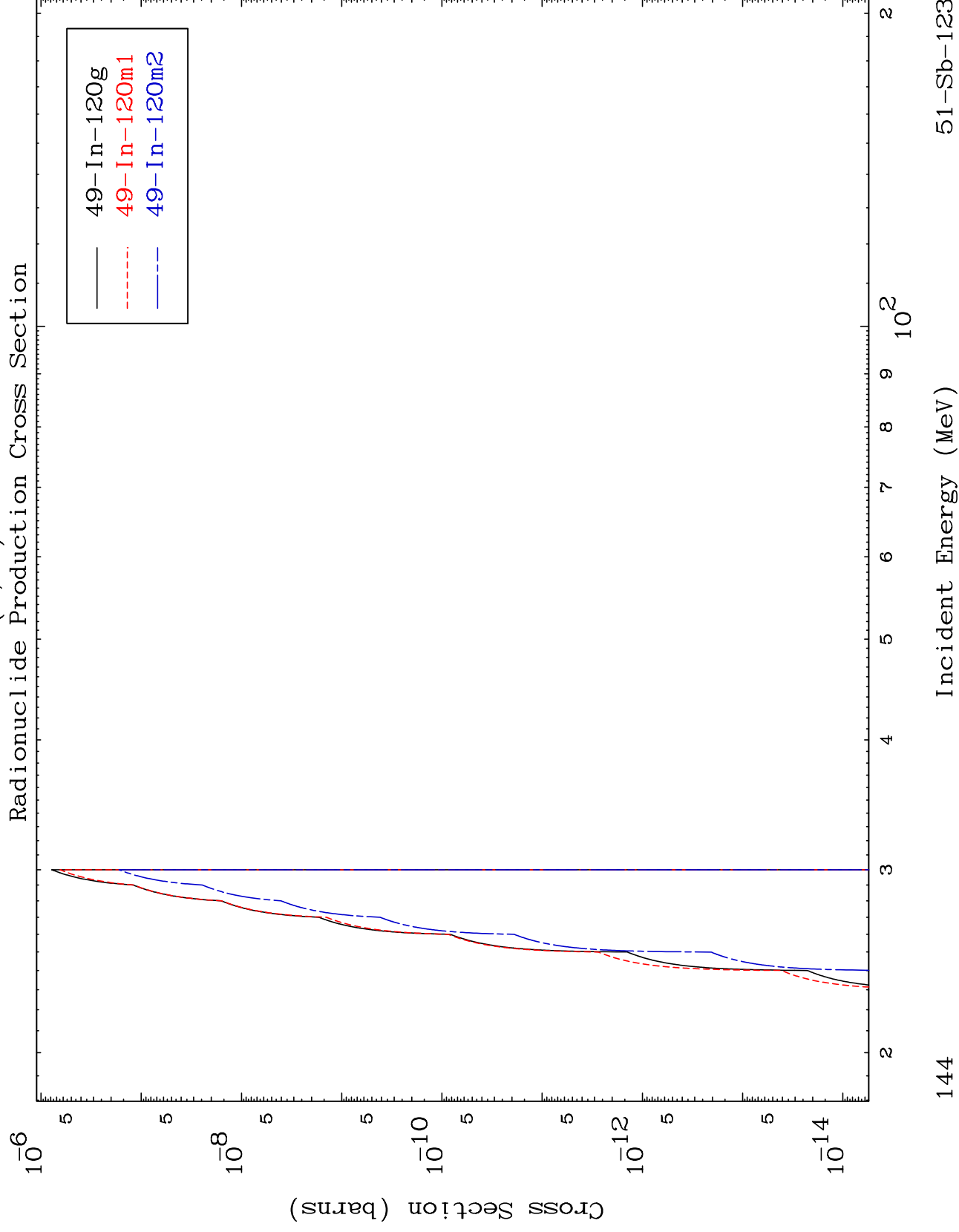
51-Sb-123



MAT 5131

(n,n') He-3

51-Sb-123



144

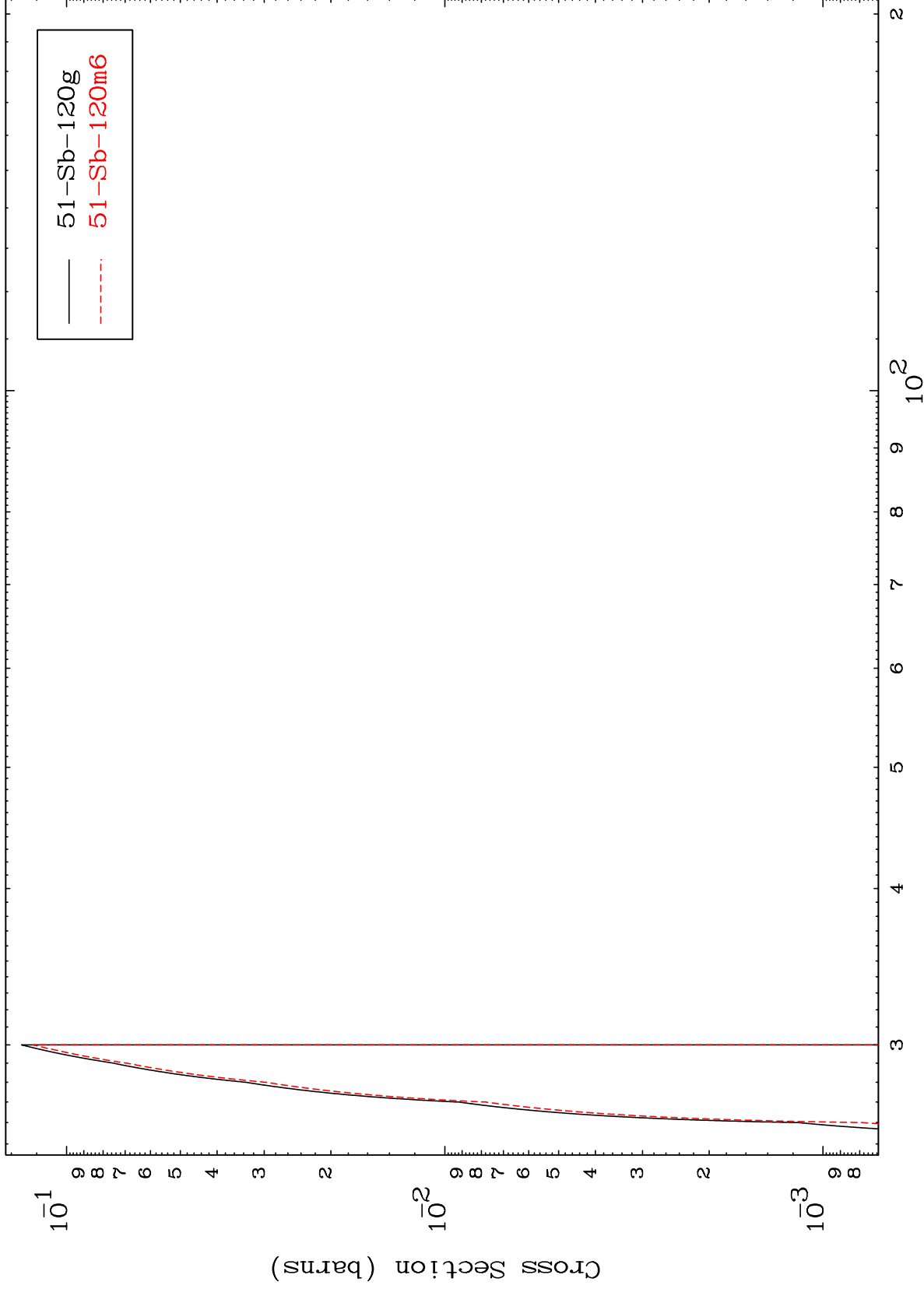
51-Sb-123

MAT 5131

(n,4n)

51-Sb-123

Radionuclide Production Cross Section

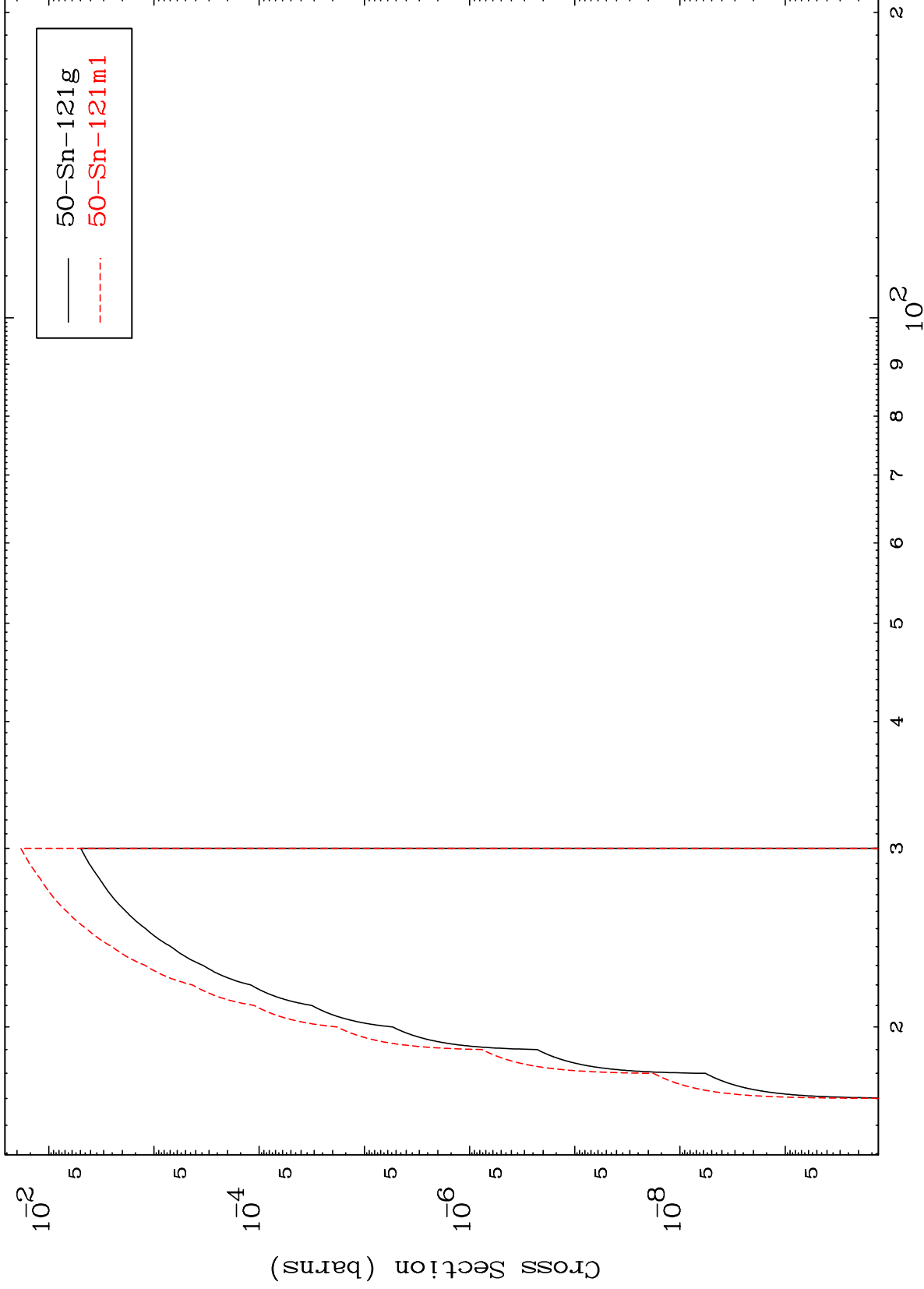


145

Incident Energy (MeV)

51-Sb-123

Radionuclide Production Cross Section

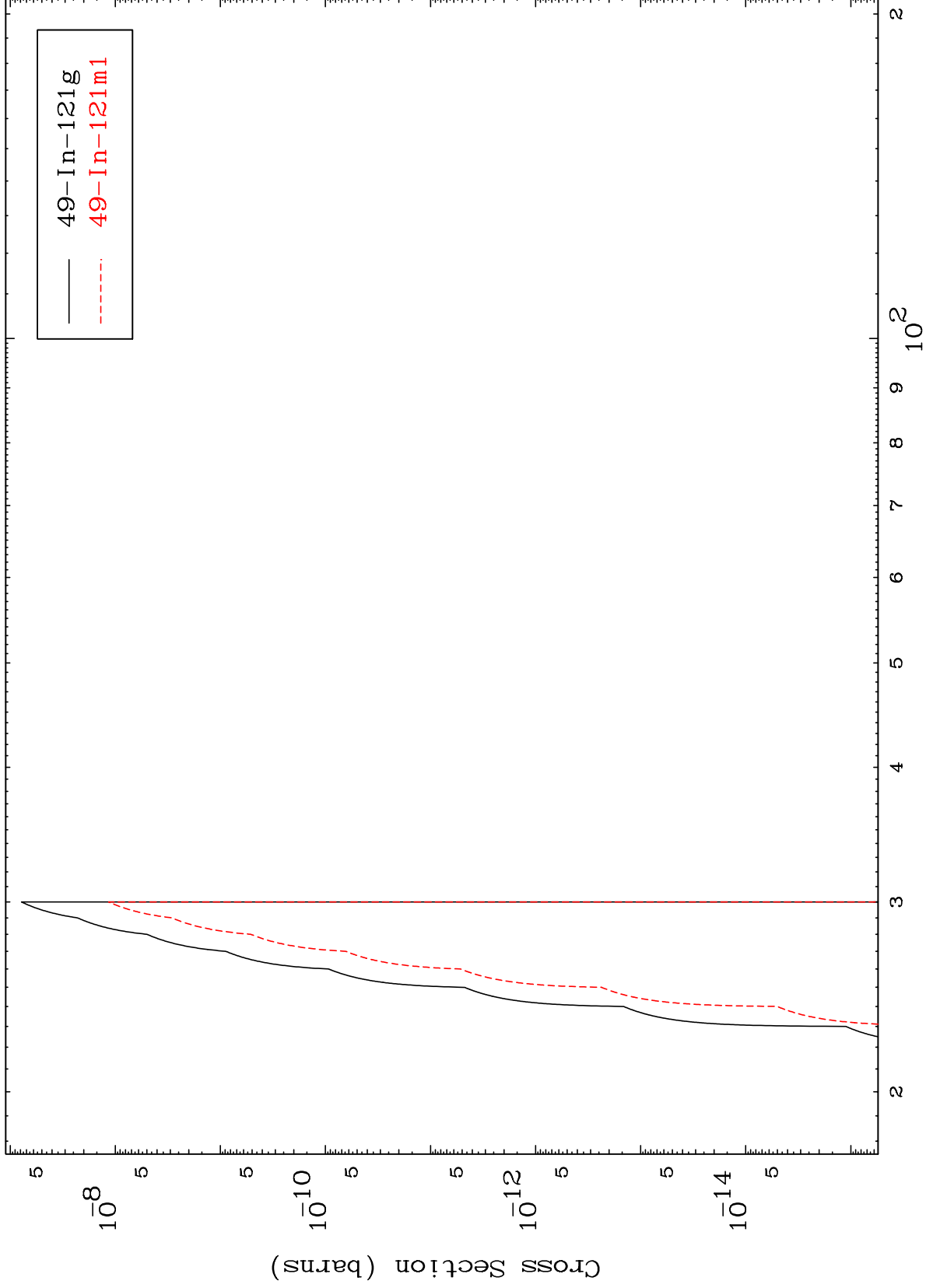


MAT 5131

(n,2n) p

51-Sb-123

Radionuclide Production Cross Section

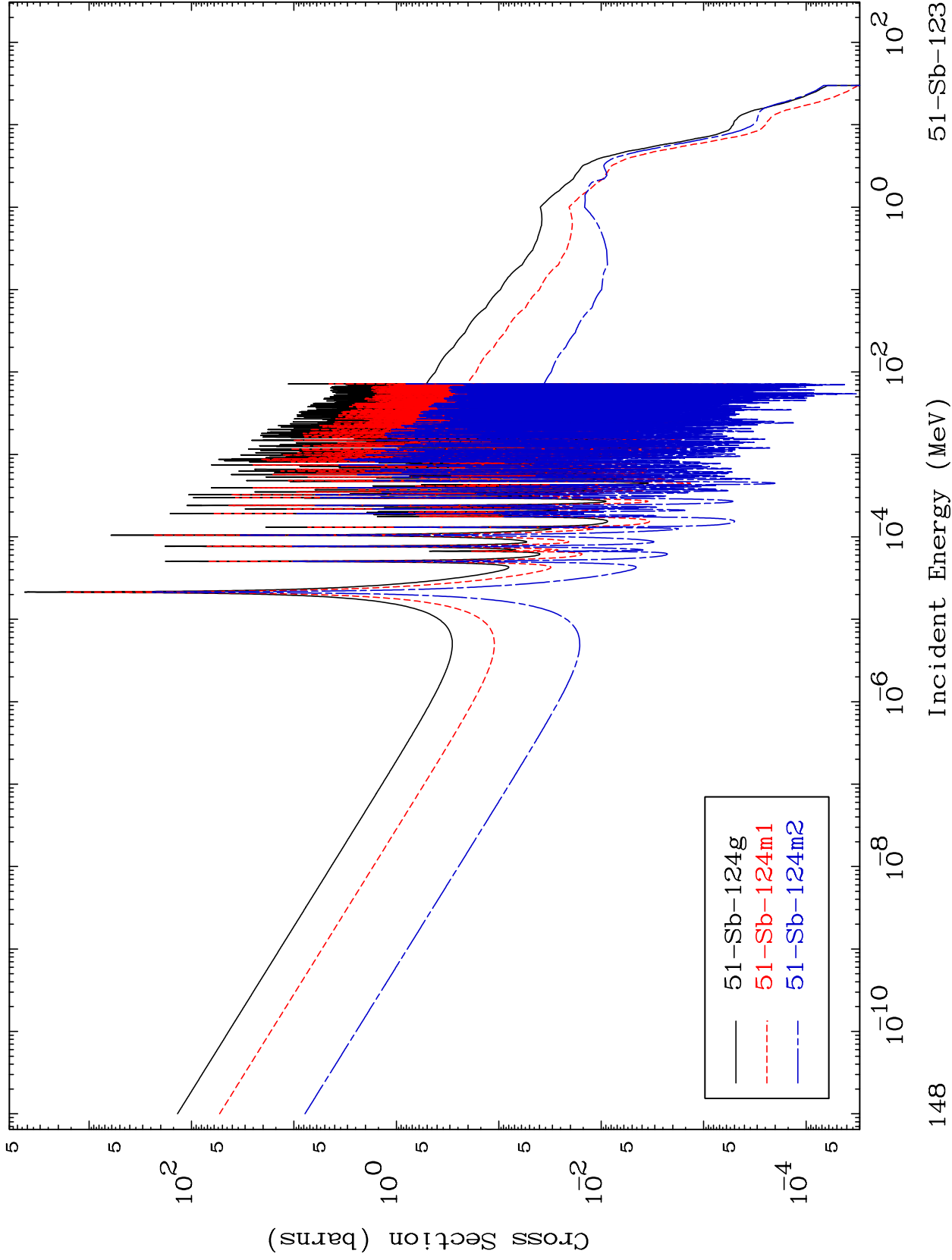


147

Incident Energy (MeV)

51-Sb-123

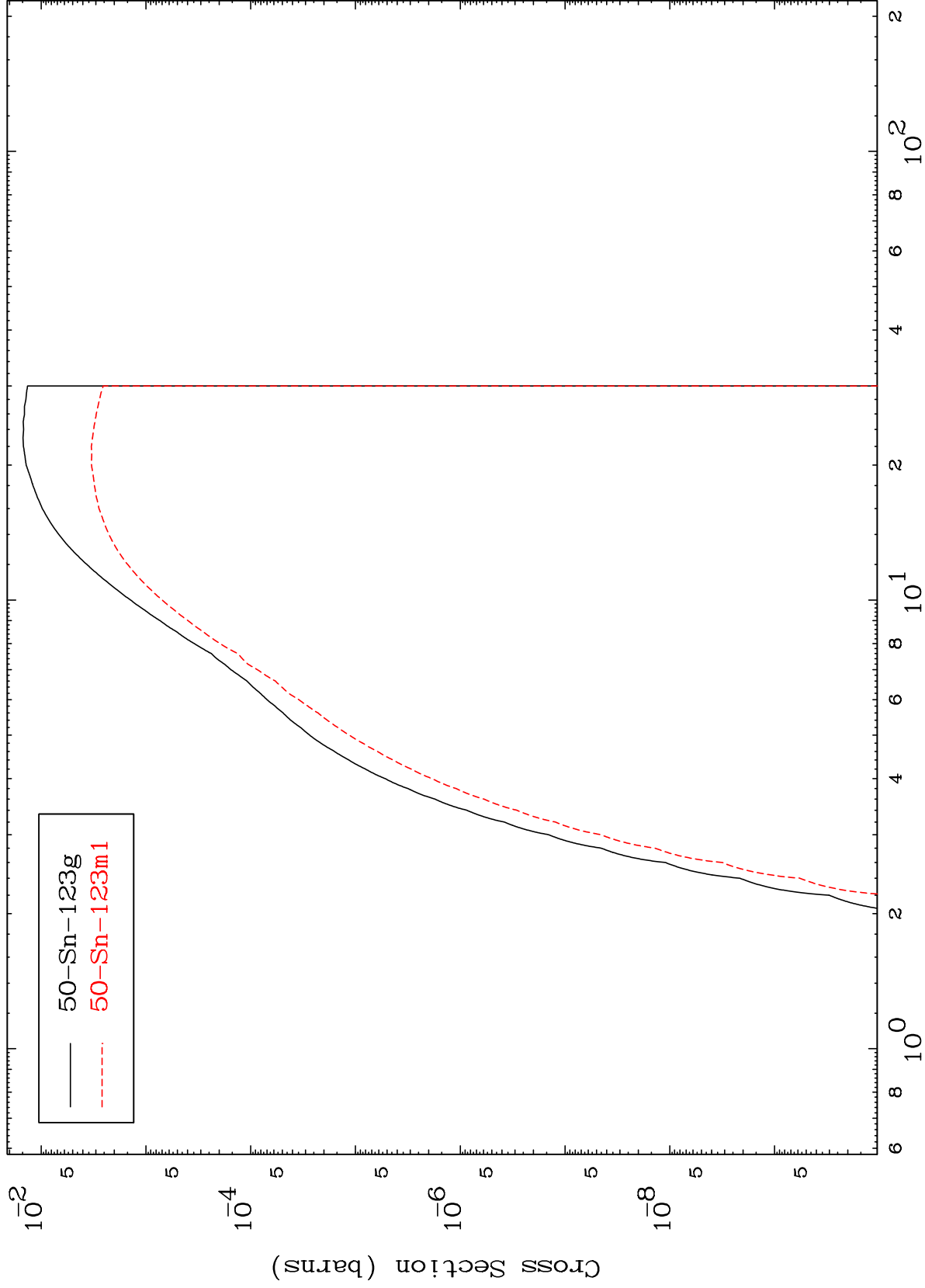
(n,γ)  
Radionuclide Production Cross Section



MAT 5131

51-Sb-123

(n,p)  
Radionuclide Production Cross Section



149

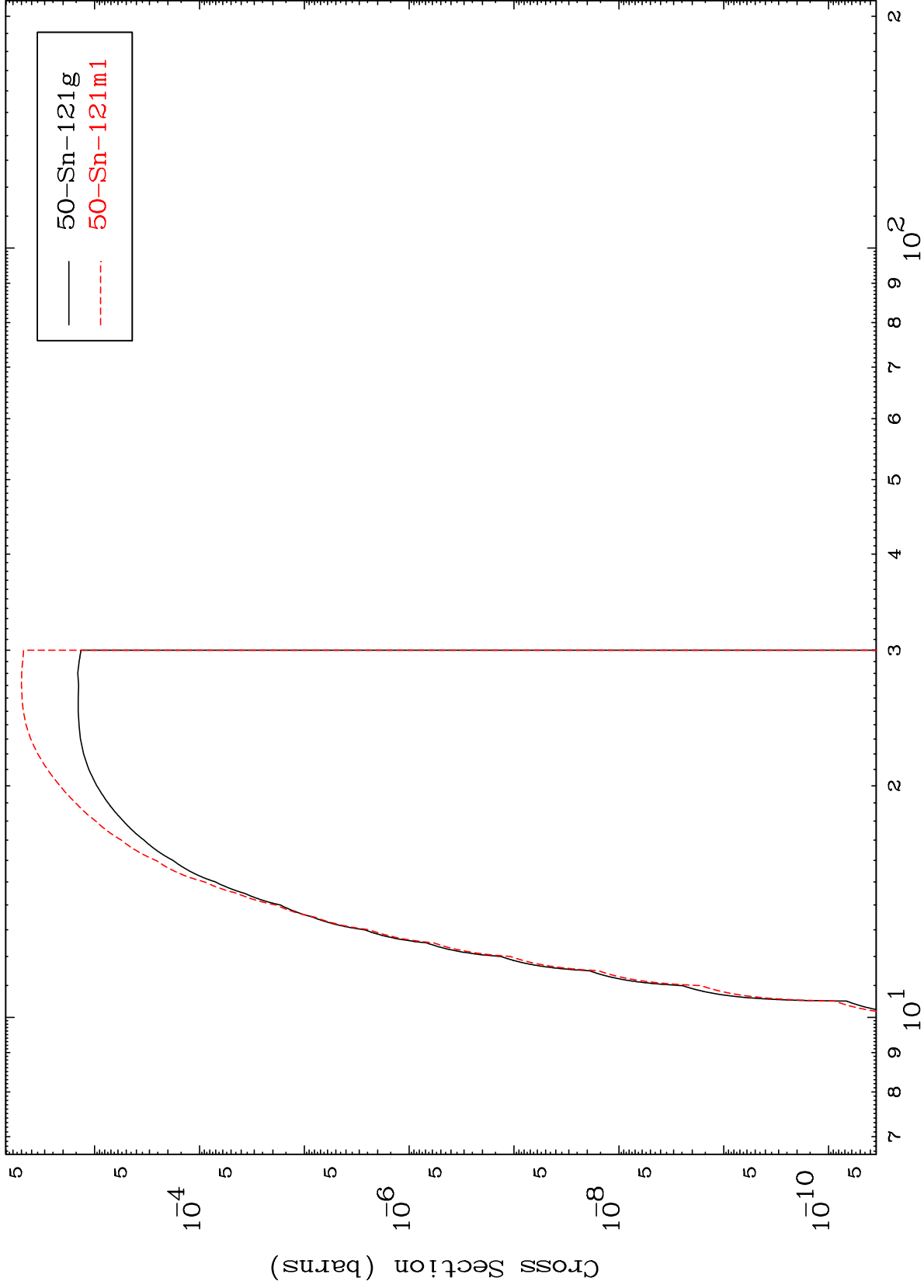
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(n,t)  
Radionuclide Production Cross Section



51-Sb-123

Incident Energy (MeV)

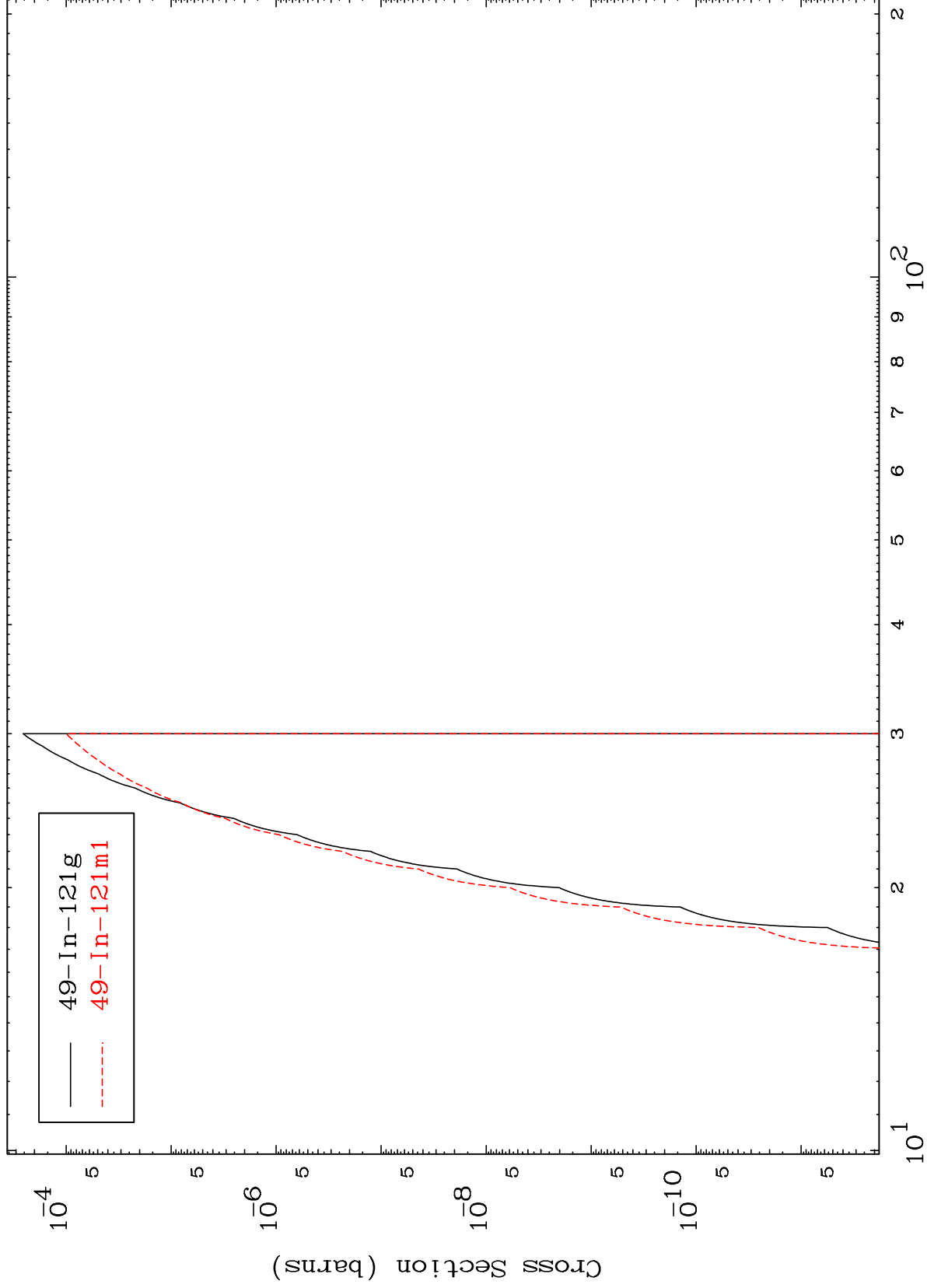
150

MAT 5131

(n,He-3)

51-Sb-123

Radionuclide Production Cross Section



151

Incident Energy (MeV)

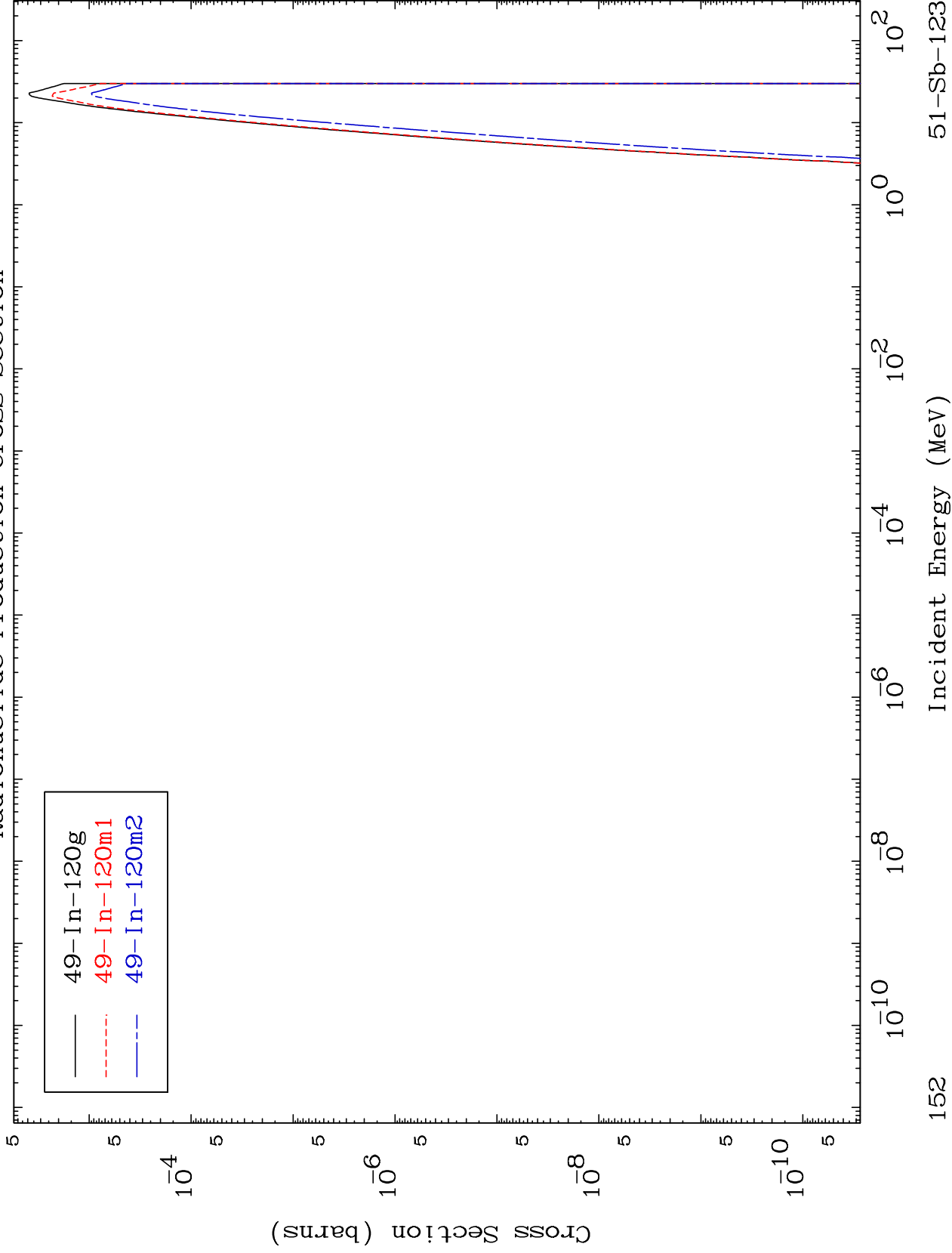
51-Sb-123



MAT 5131

51-Sb-123

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

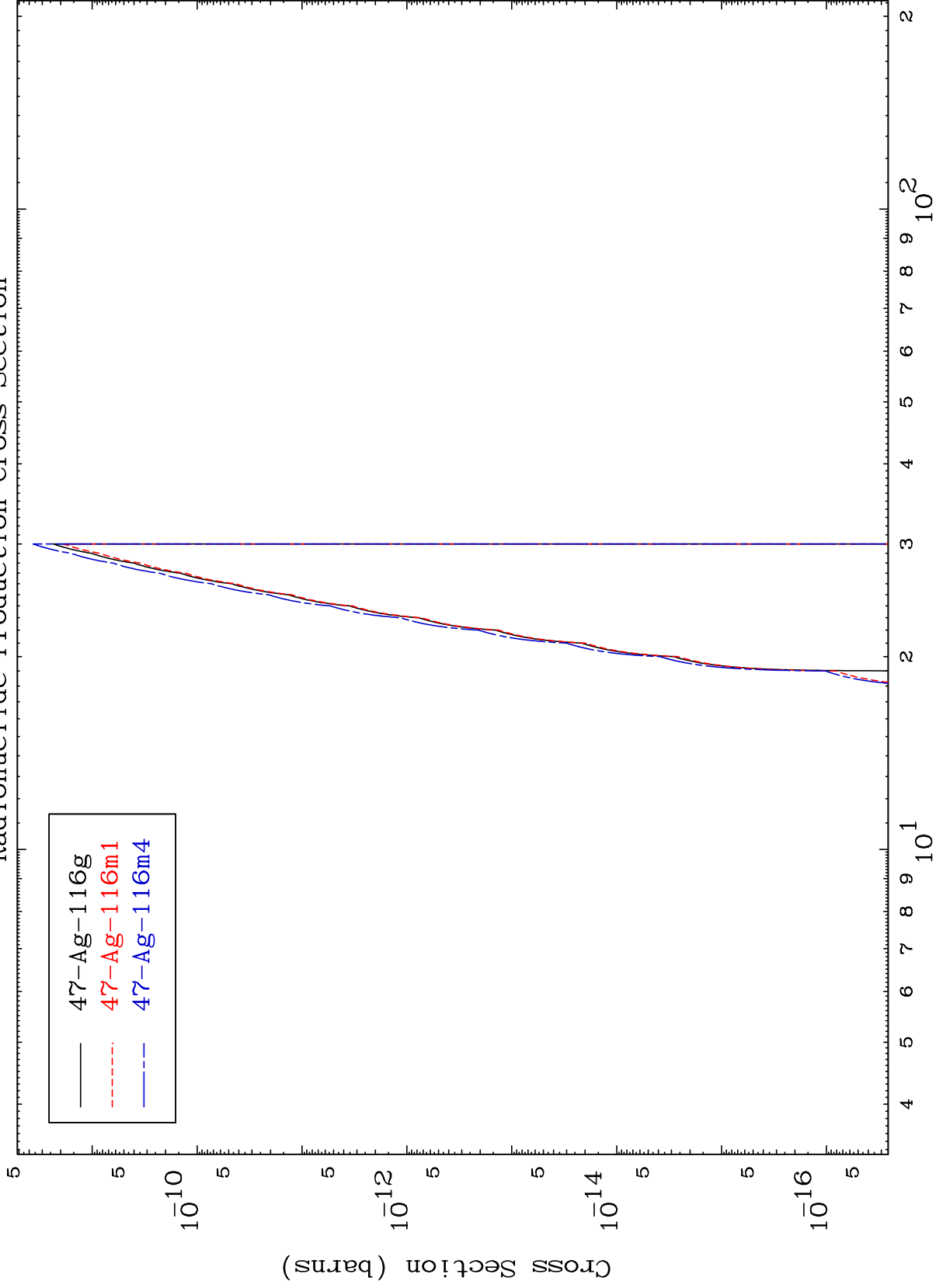


152

MAT 5131

51-Sb-123

Radionuclide Production Cross Section  
(n,2α)

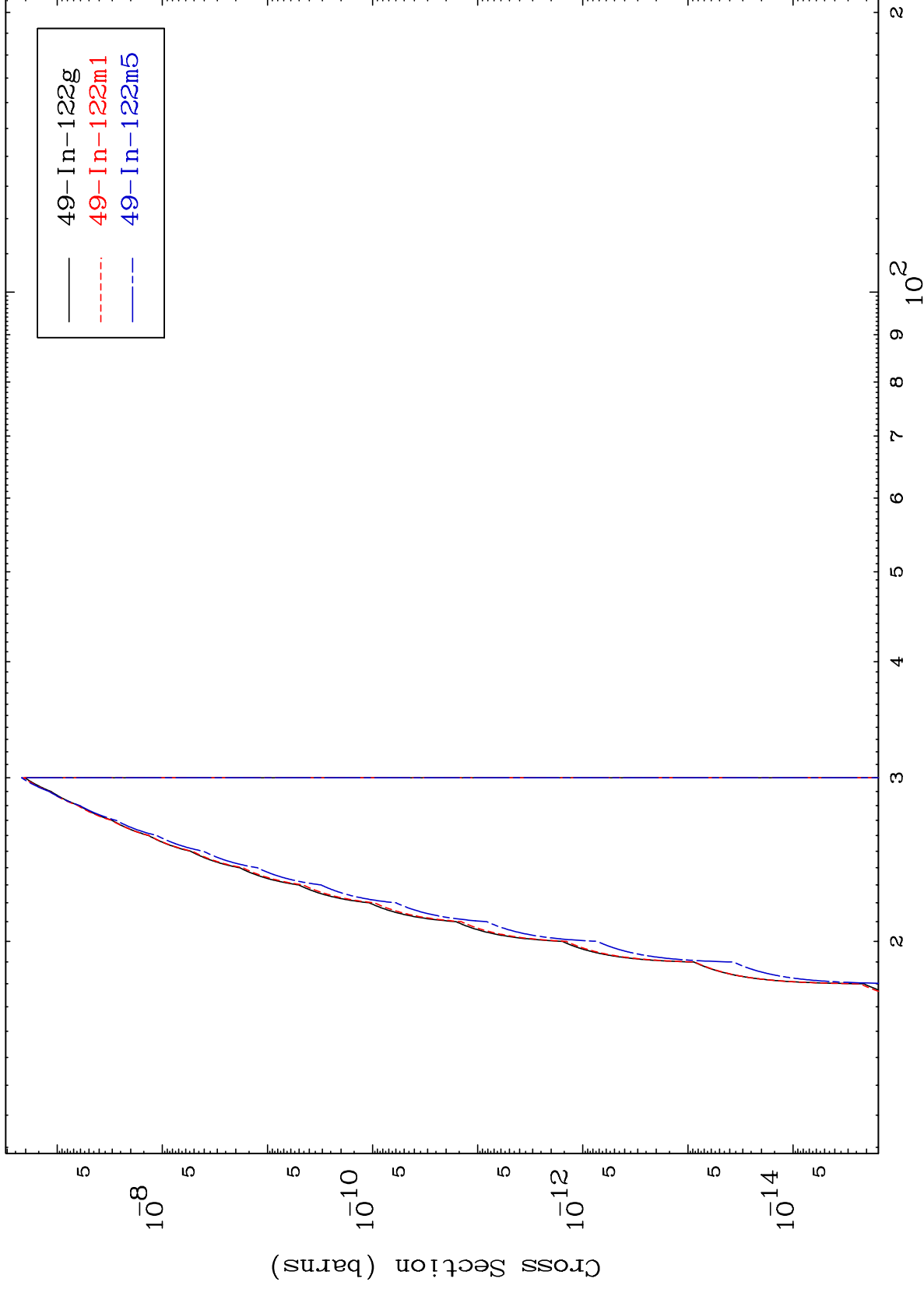


153

Incident Energy (MeV)

51-Sb-123

(n,2p)  
Radionuclide Production Cross Section

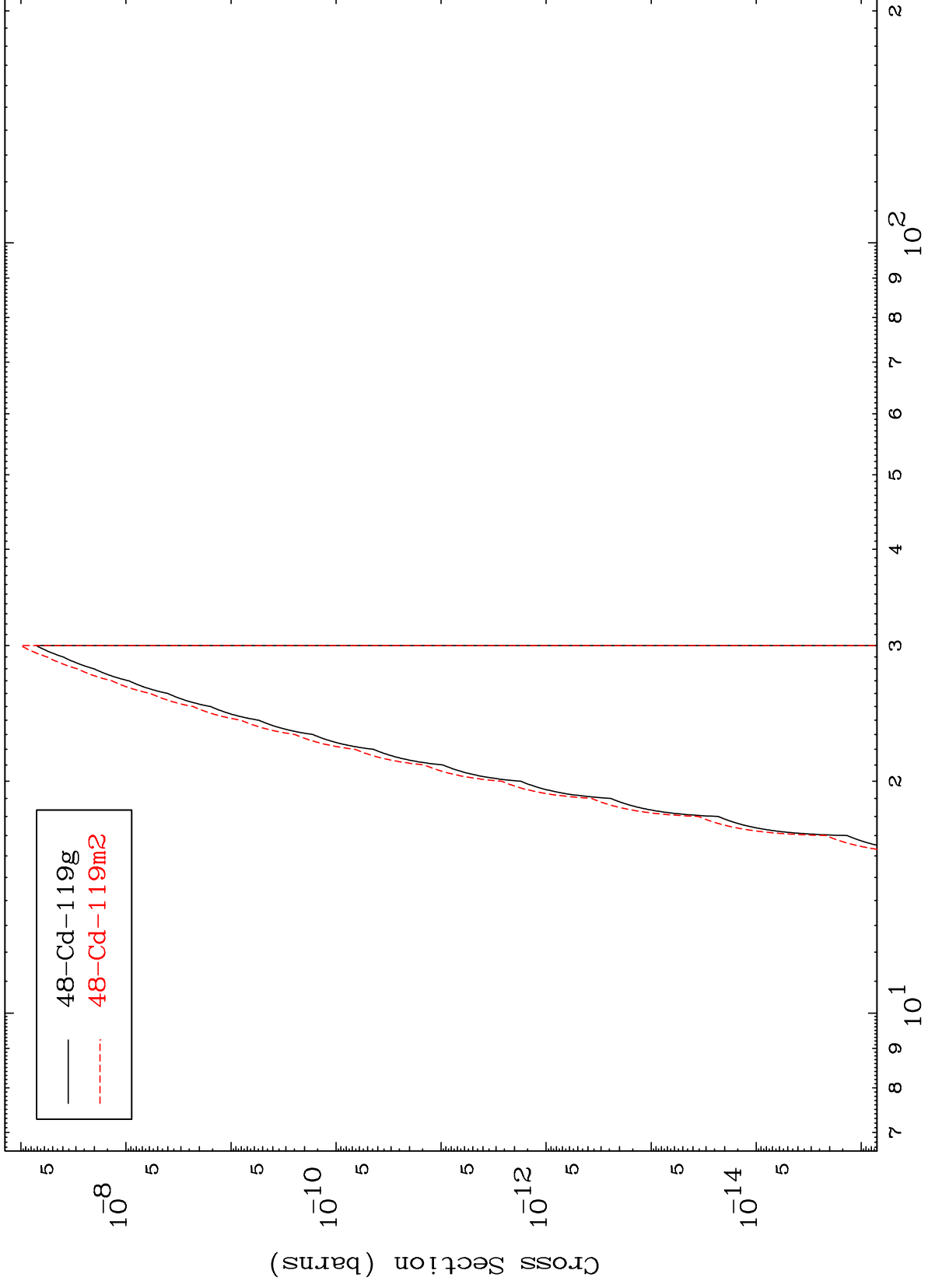


MAT 5131

(n,p)  $\alpha$

51-Sb-123

Radionuclide Production Cross Section



155

Incident Energy (MeV)

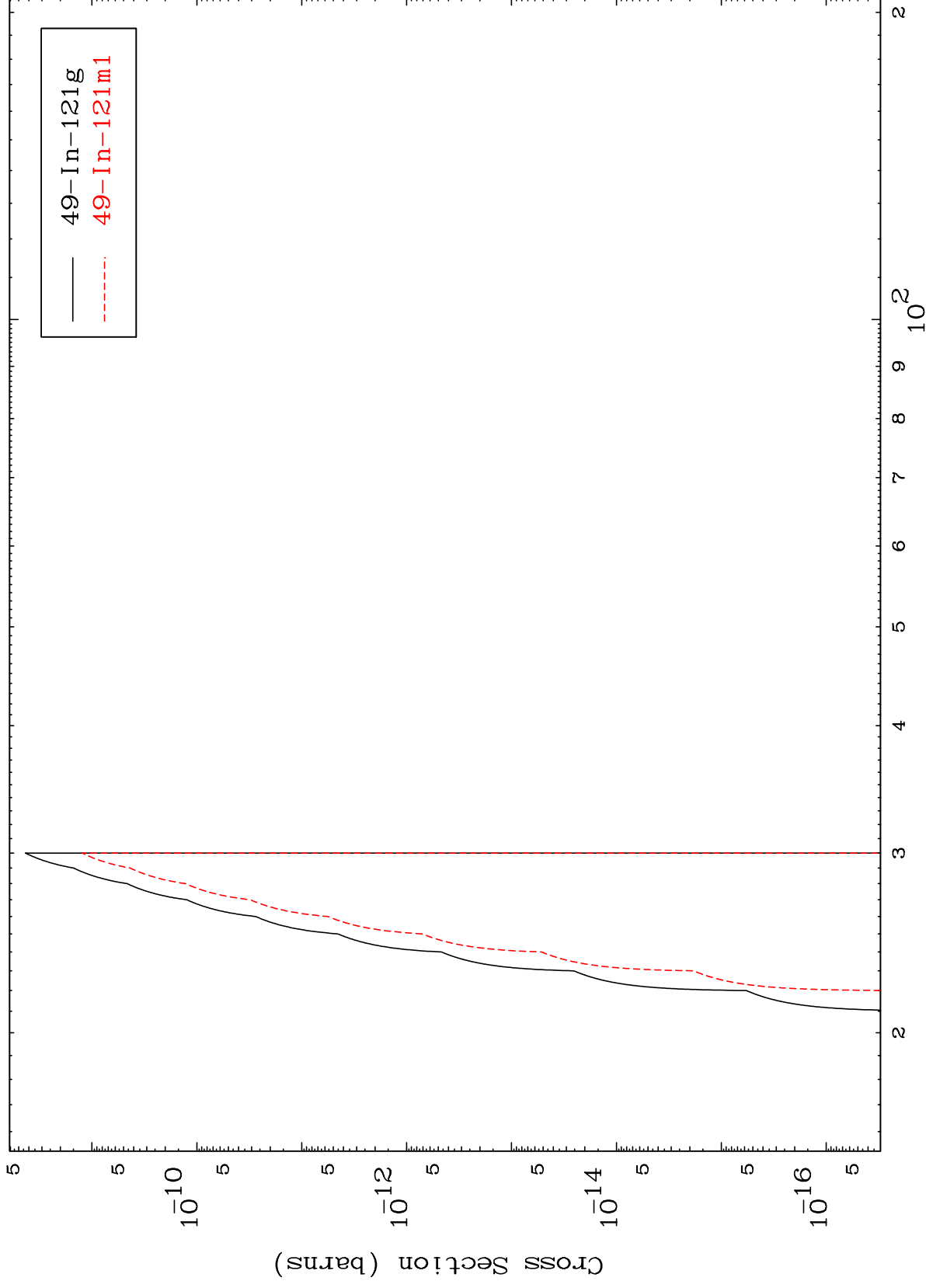
51-Sb-123

MAT 5131

(n,p) d

51-Sb-123

Radionuclide Production Cross Section



156

Incident Energy (MeV)

51-Sb-123

Radionuclide Production Cross Section

