

Program EVALPLOT  
(Version 2015-2)

by

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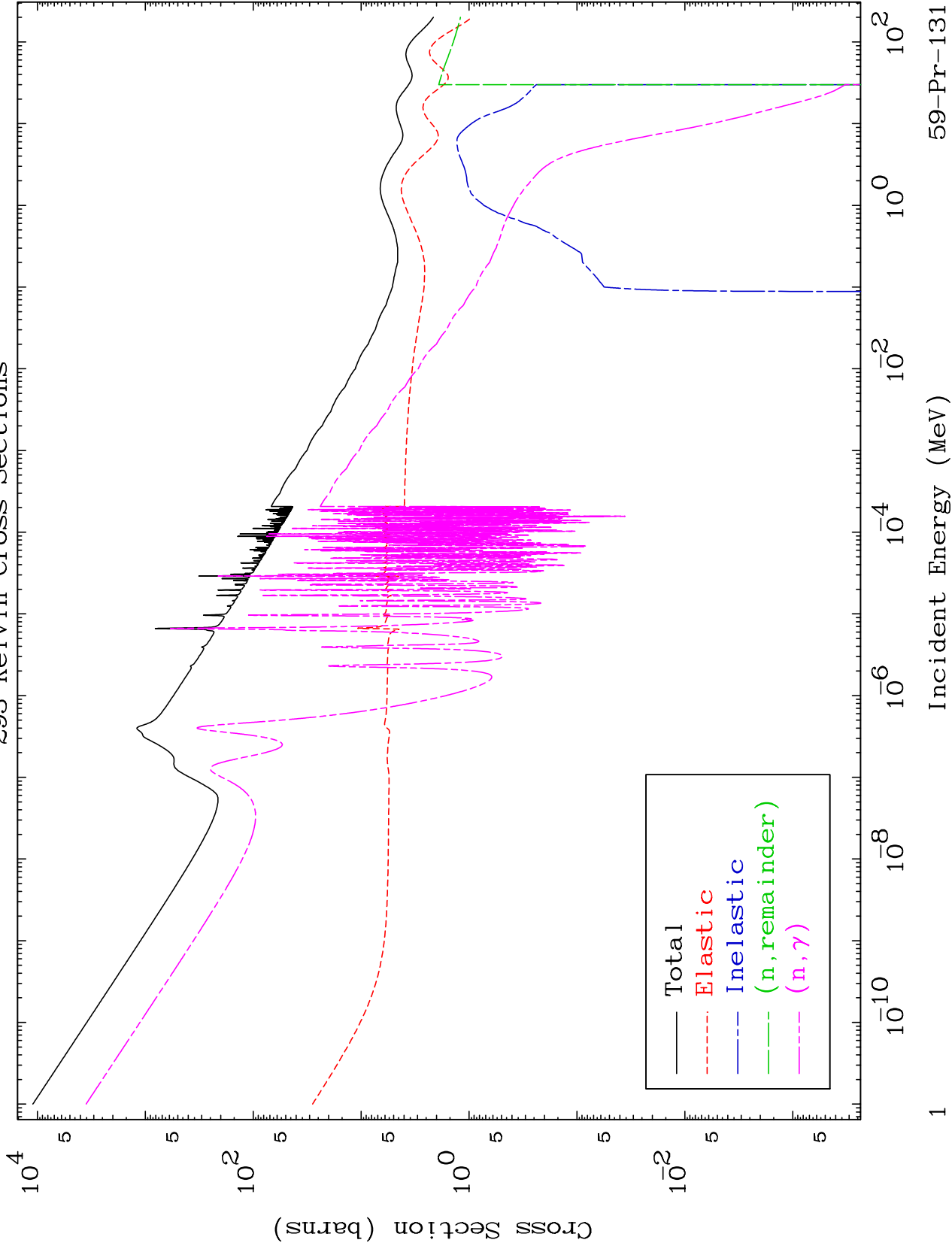
Press Mouse Button to Start

MAT 5895

Major

293 Kelvin Cross Sections

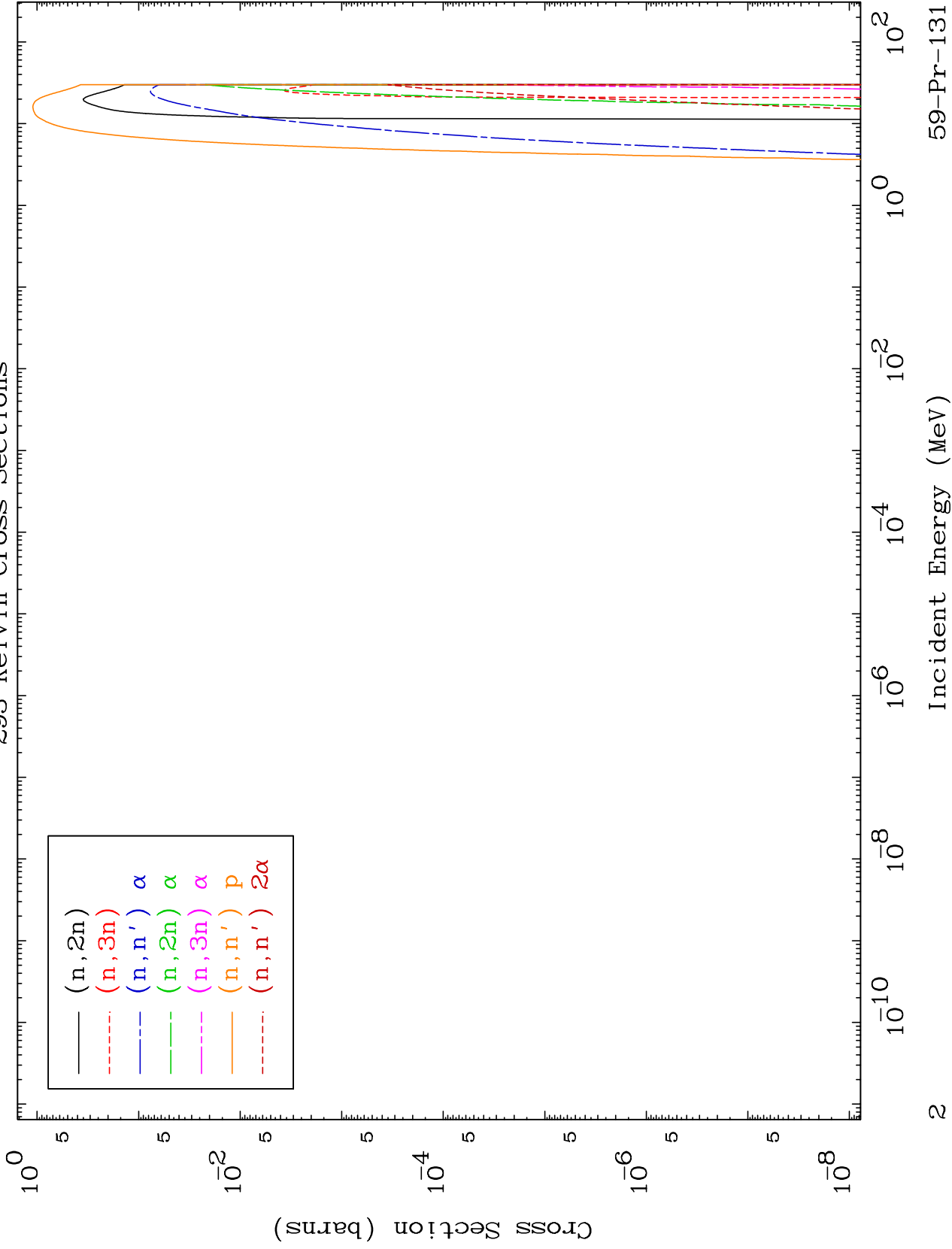
59-Pr-131

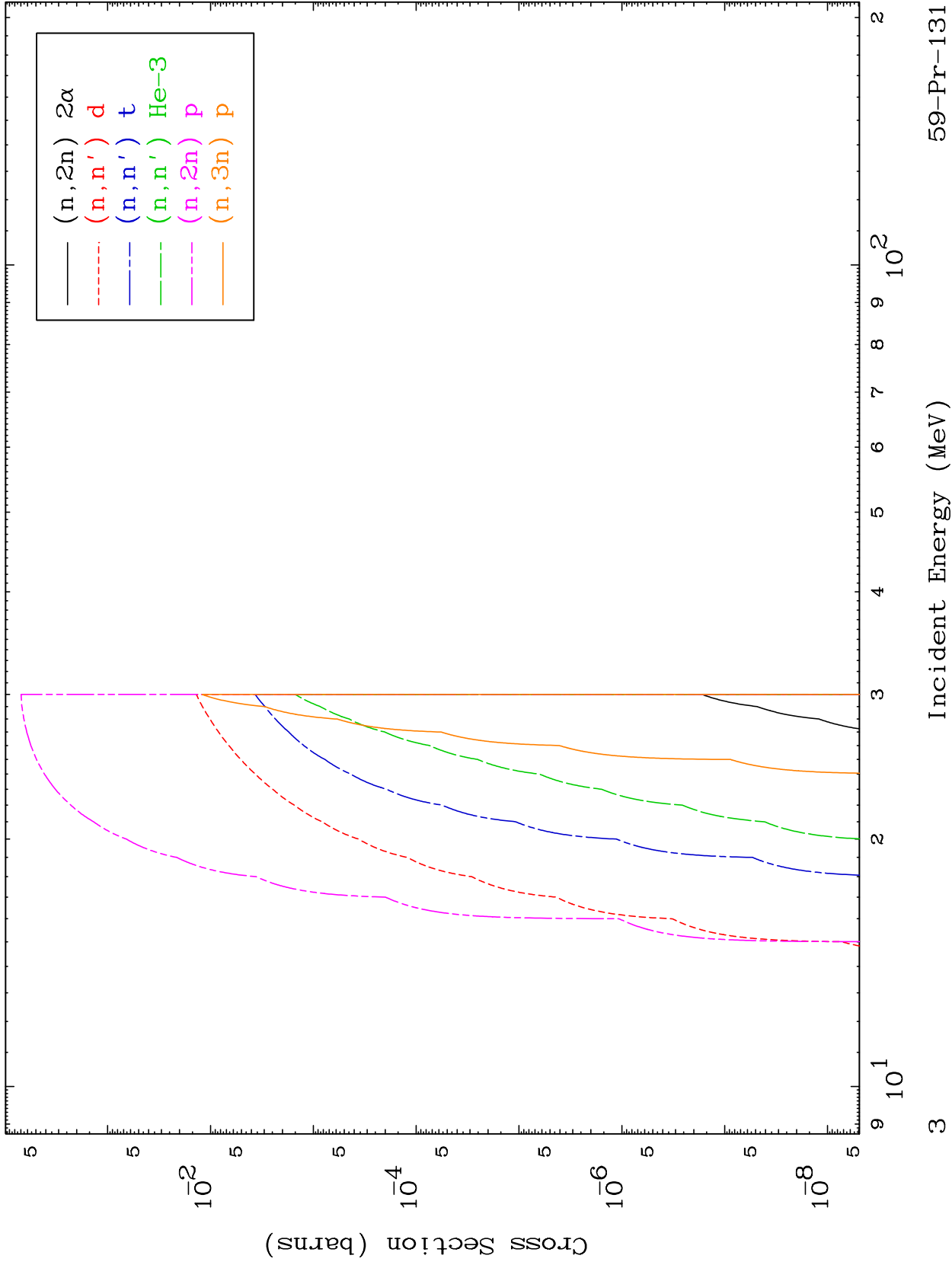


MAT 5895

Neutron Production  
293 Kelvin Cross Sections

59-Pr-131

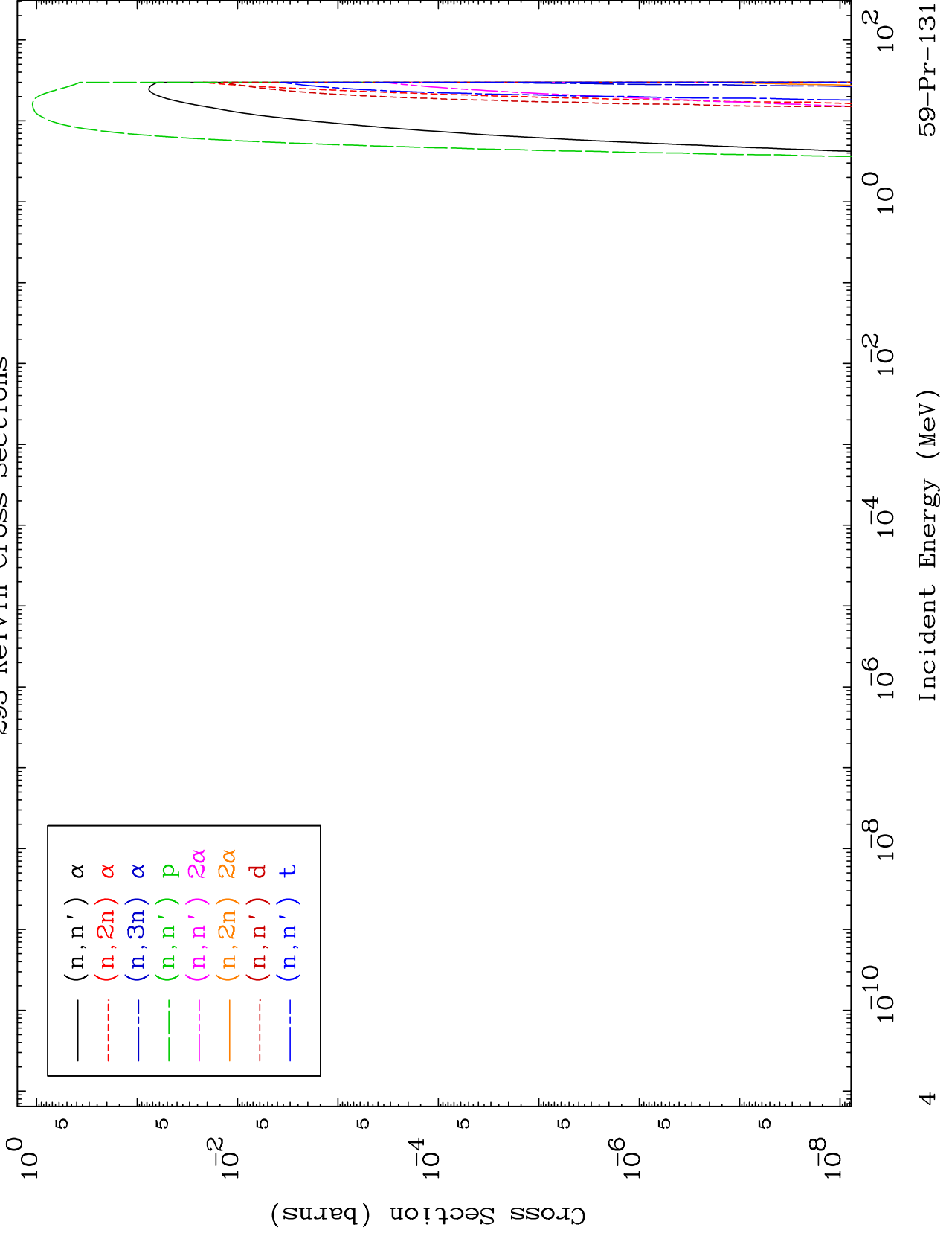




MAT 5895

Charged Particle  
293 Kelvin Cross Sections

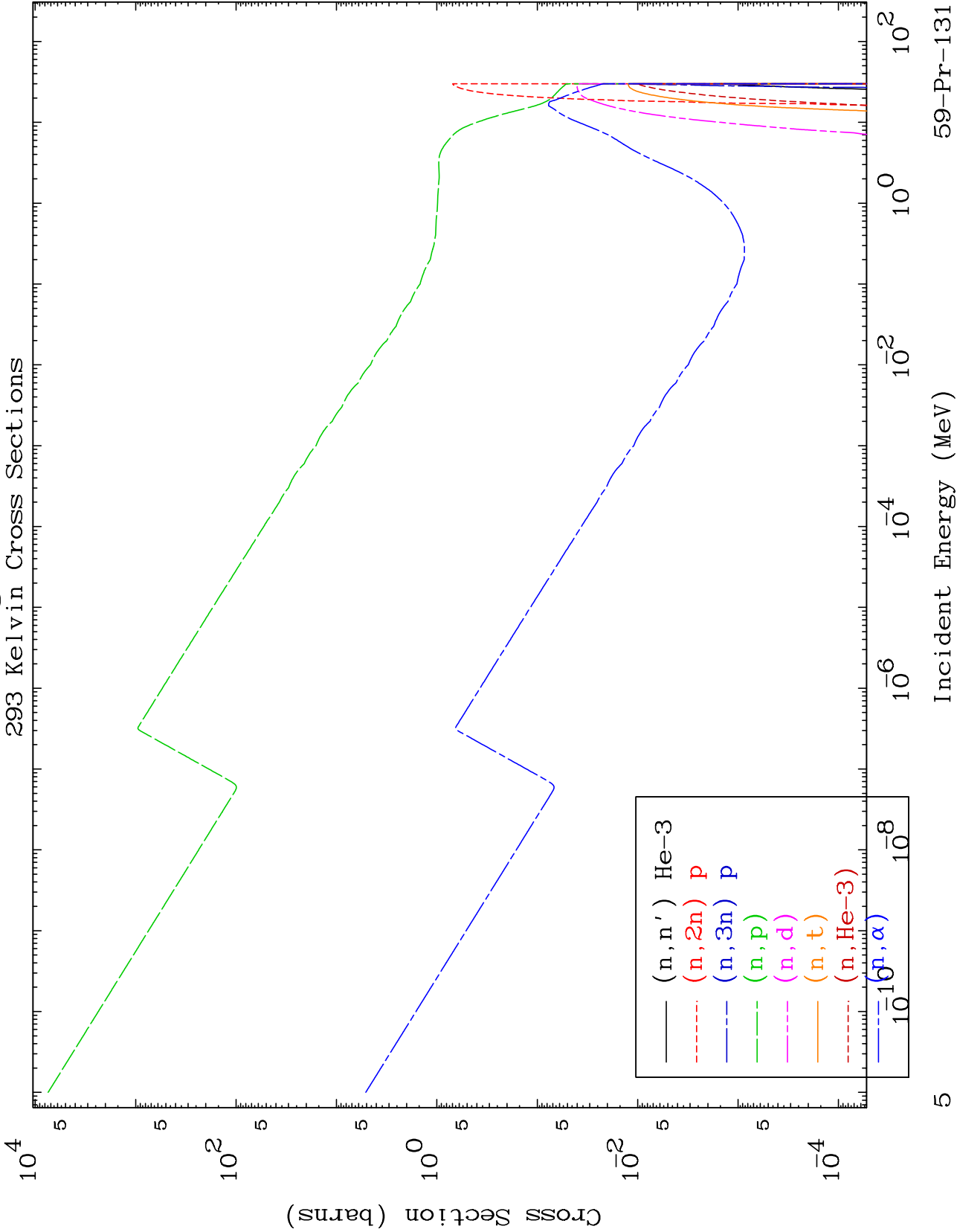
59-Pr-131



MAT 5895

Charged Particle  
293 Kelvin Cross Sections

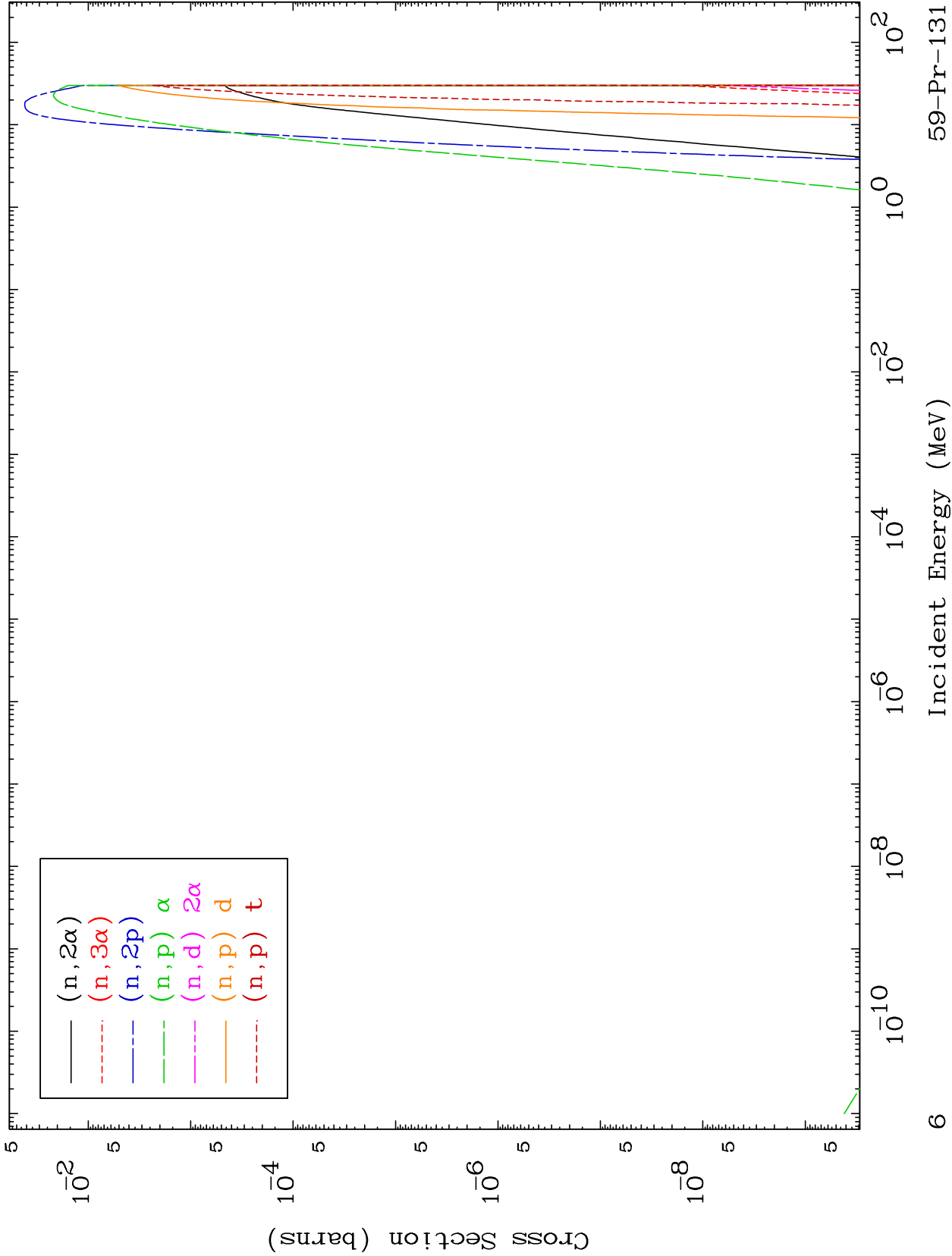
59-Pr-131



MAT 5895

Charged Particle  
293 Kelvin Cross Sections

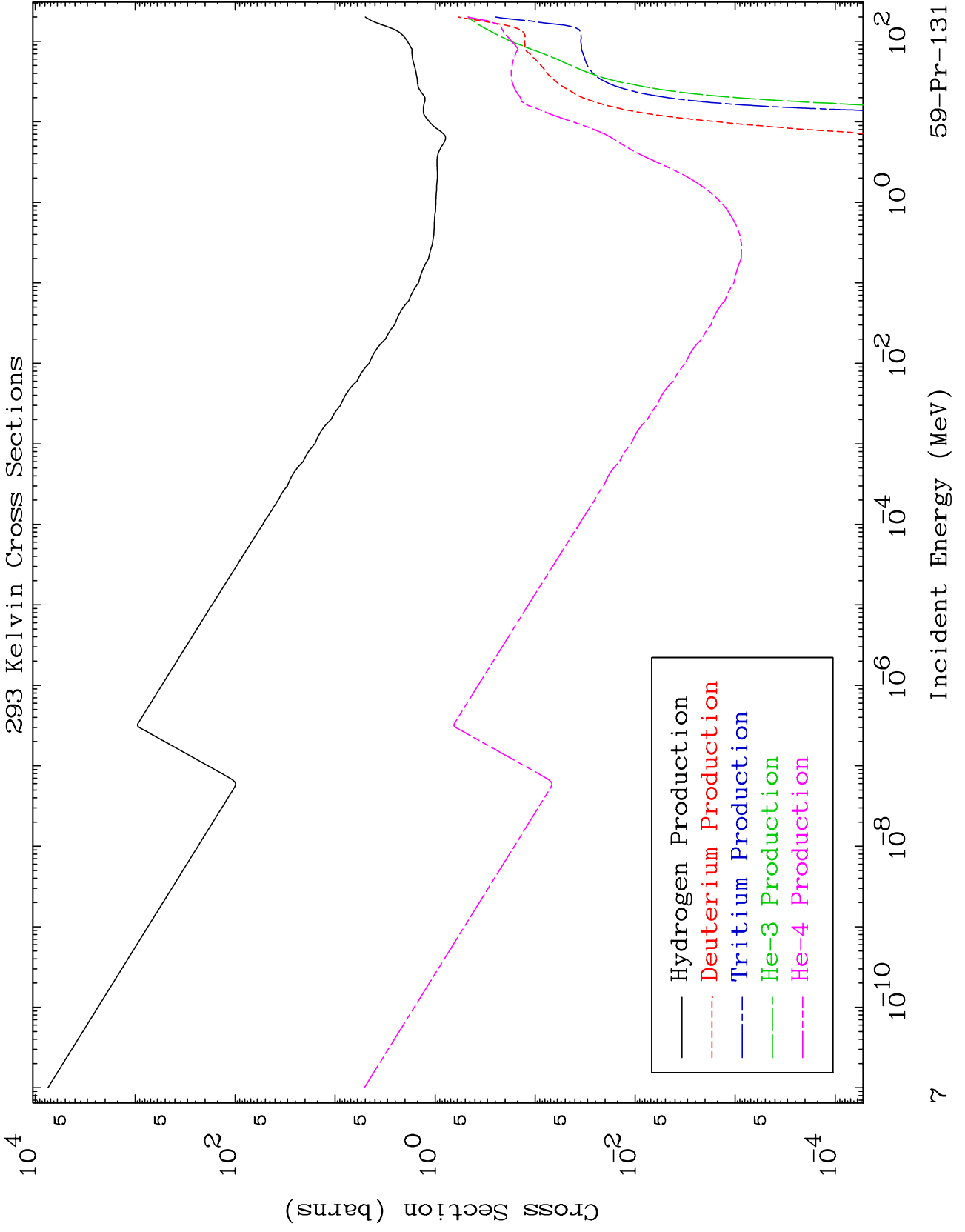
59-Pr-131



MAT 5895

Particle Production  
293 Kelvin Cross Sections

59-Pr-131

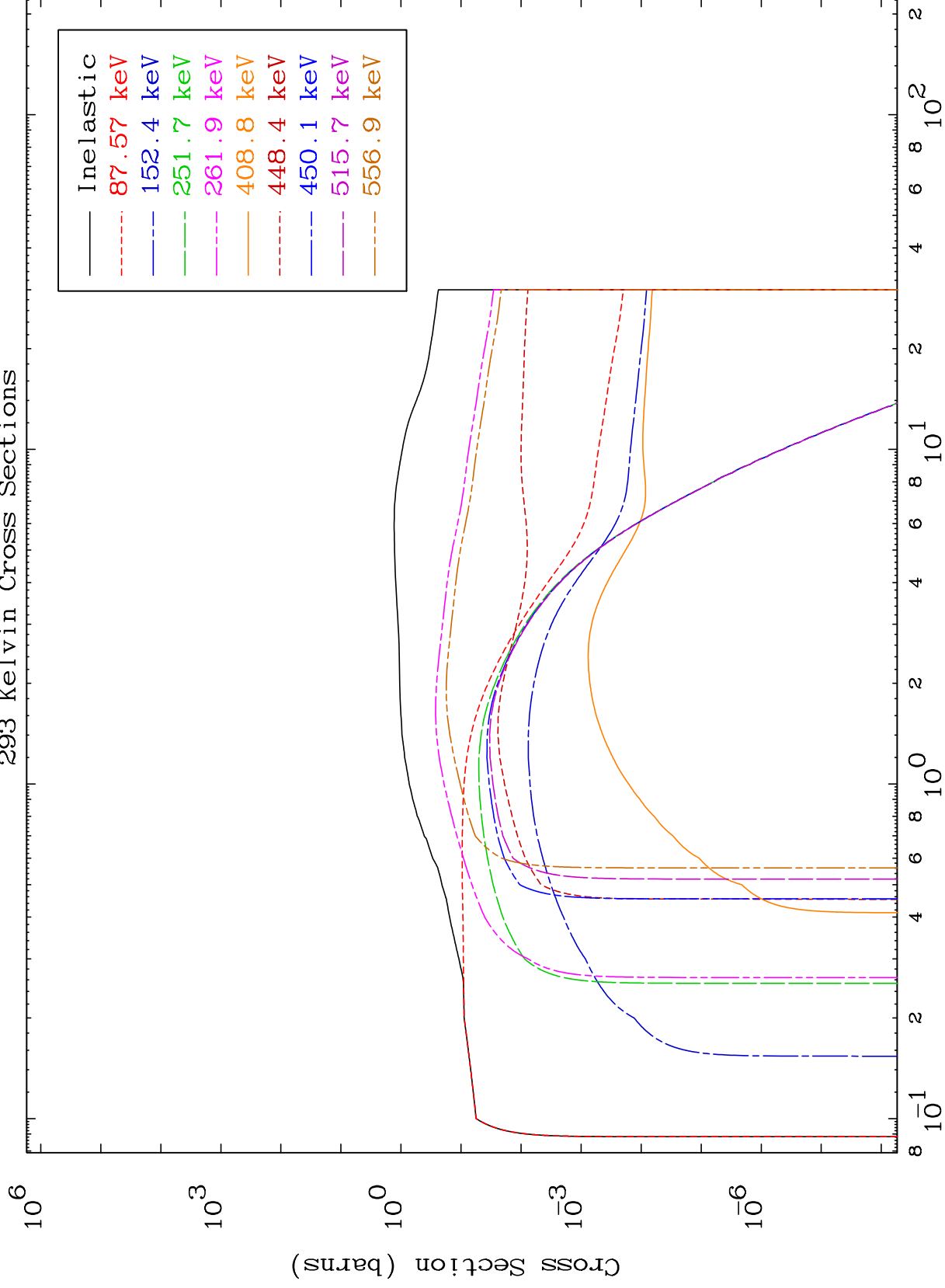




MAT 5895

(n,n') Level  
293 Kelvin Cross Sections

59-Pr-131



Incident Energy (MeV)

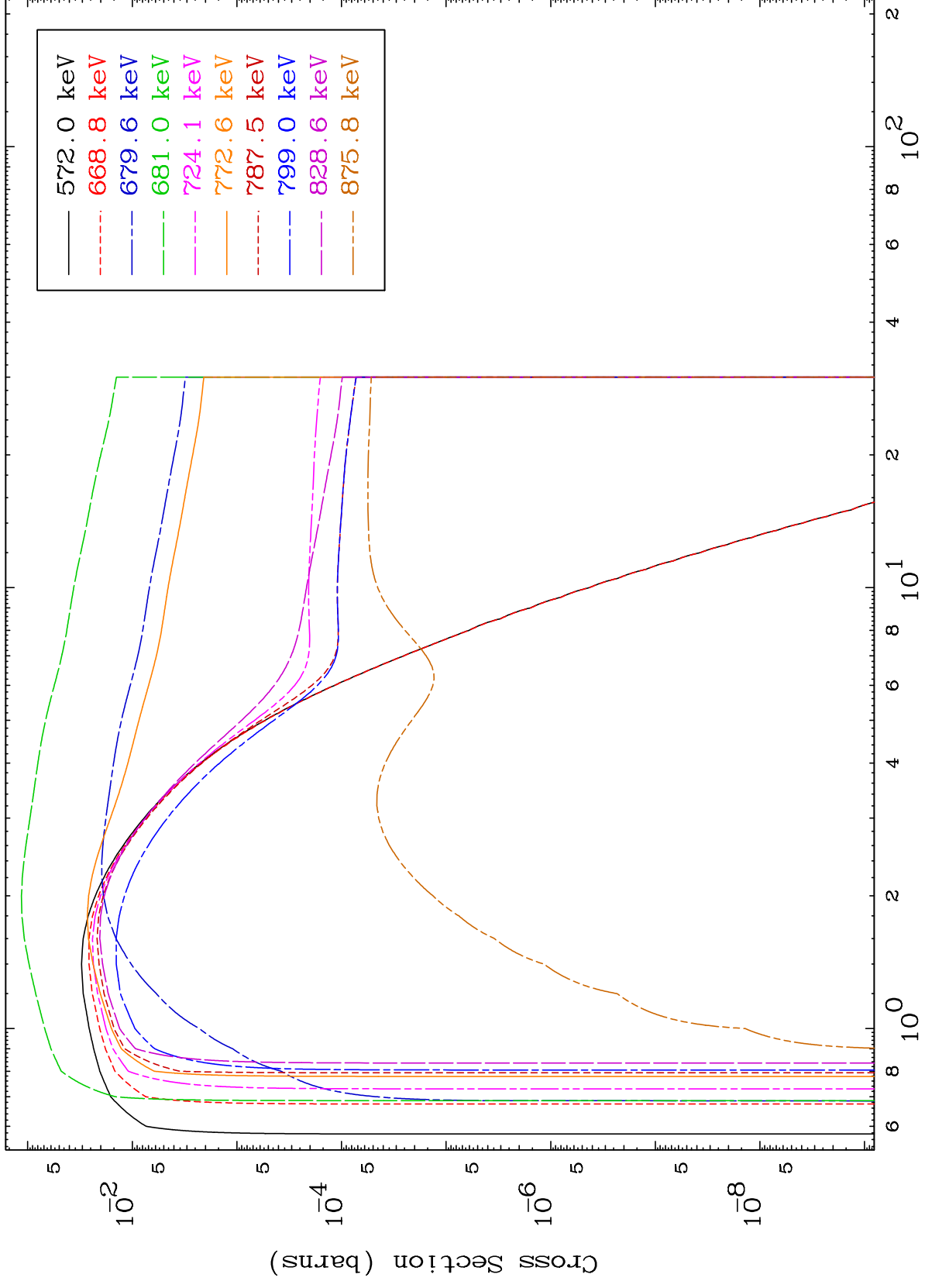
59-Pr-131

MAT 5895

(n,n') Level

59-Pr-131

293 Kelvin Cross Sections



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Incident Energy (MeV)

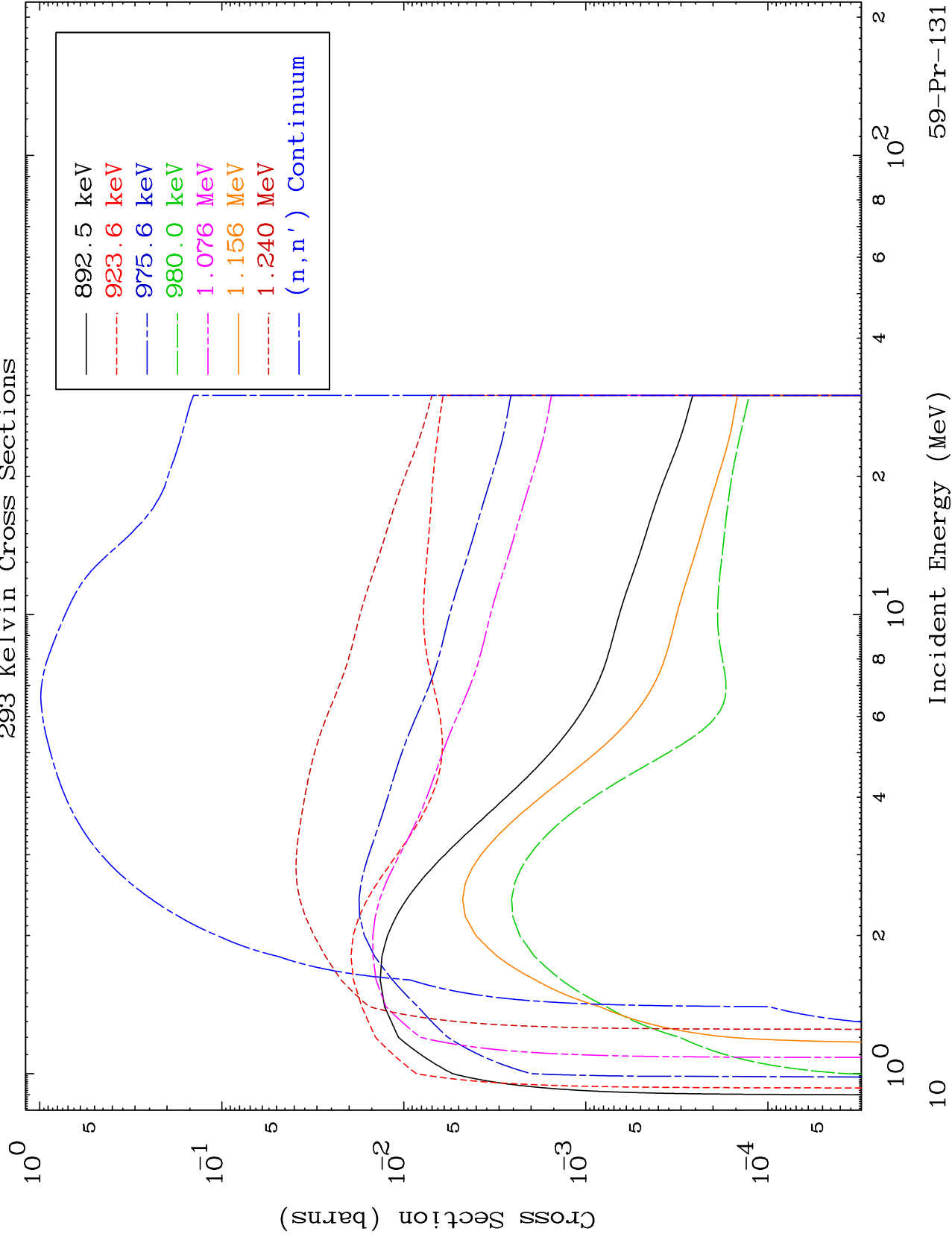
59-Pr-131

MAT 5895

(n,n') Level

59-Pr-131

293 Kelvin Cross Sections

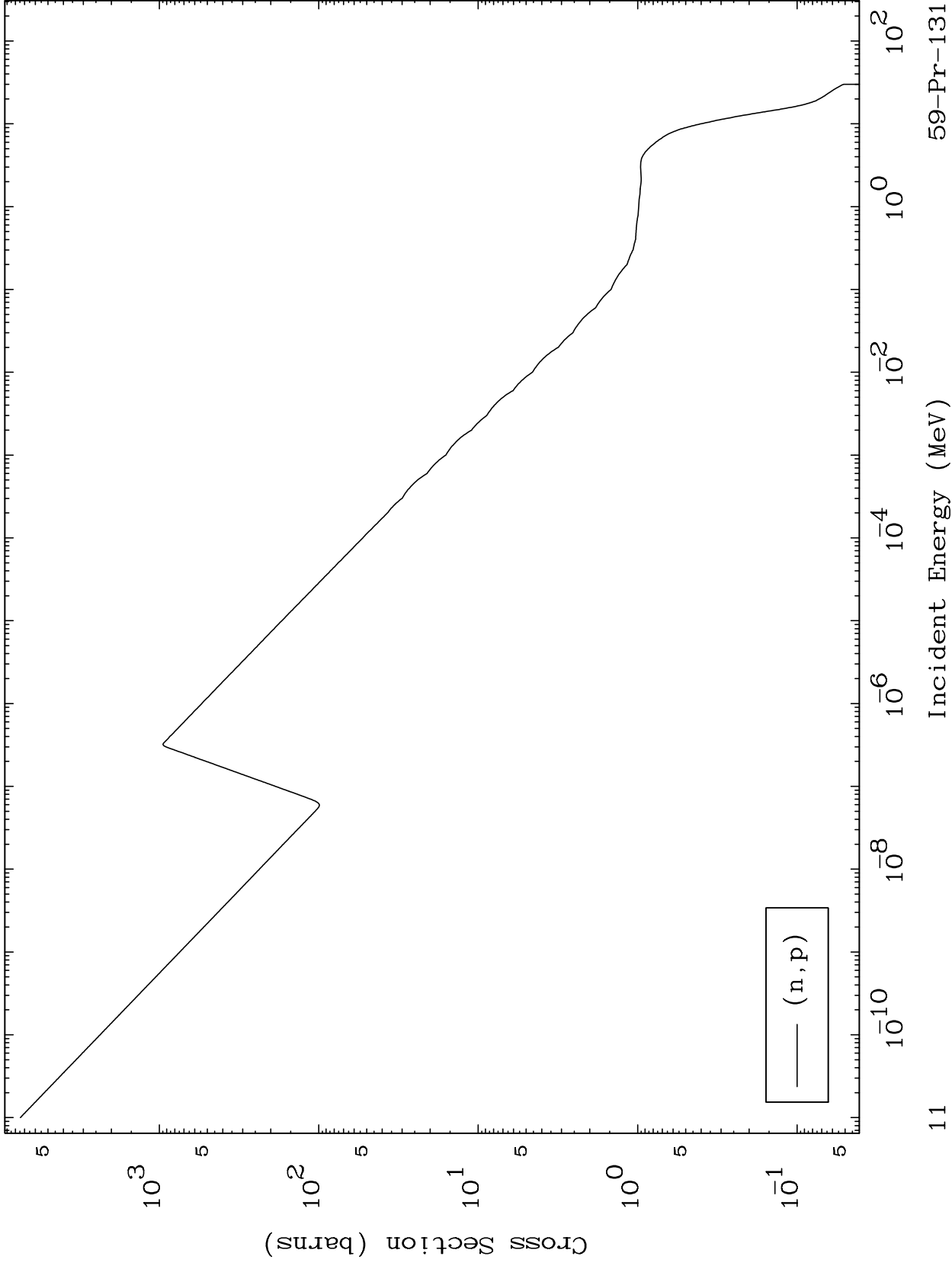


59-Pr-131

MAT 5895

(n,p) Levels  
293 Kelvin Cross Sections

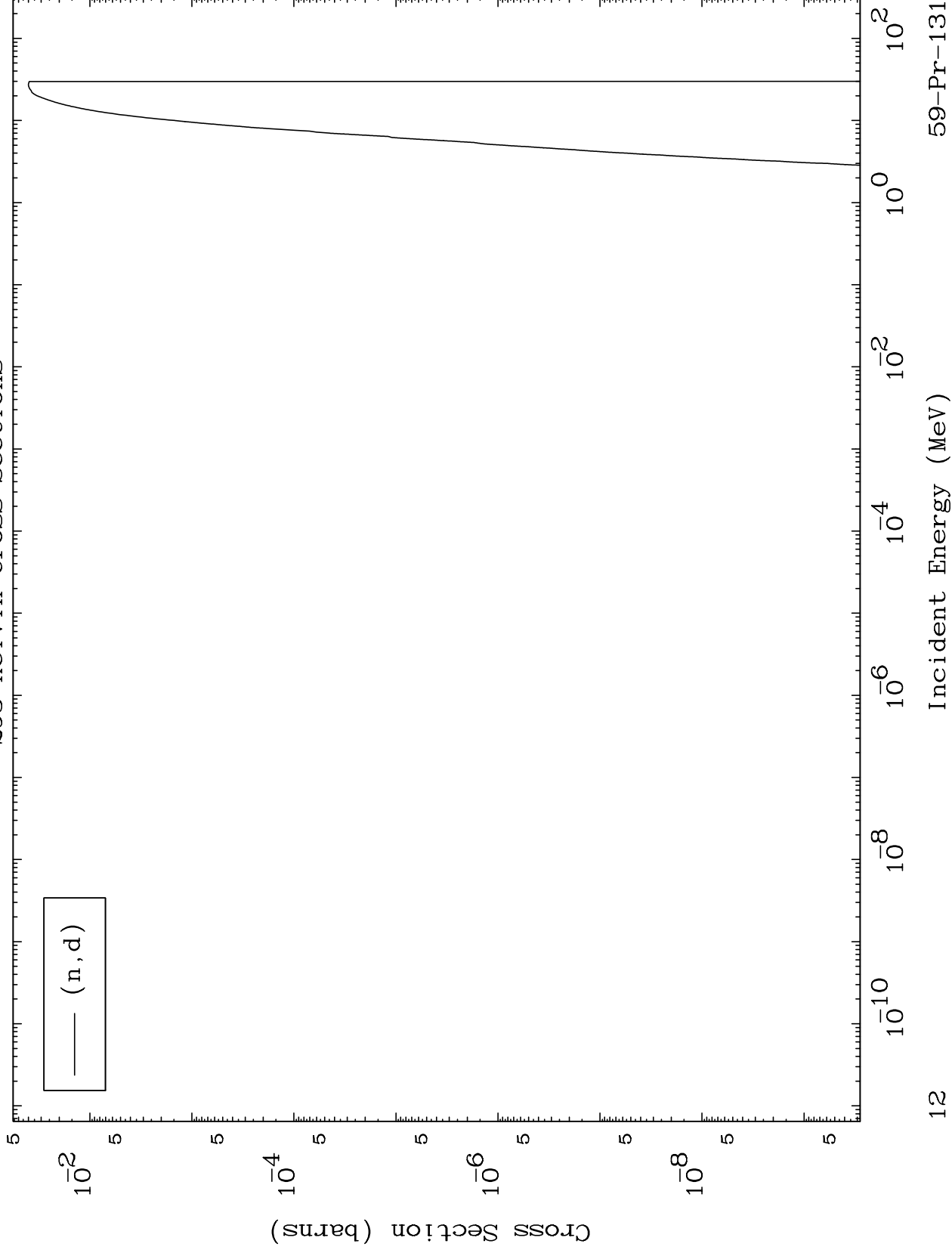
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MAT 5895

(n,d) Levels  
293 Kelvin Cross Sections

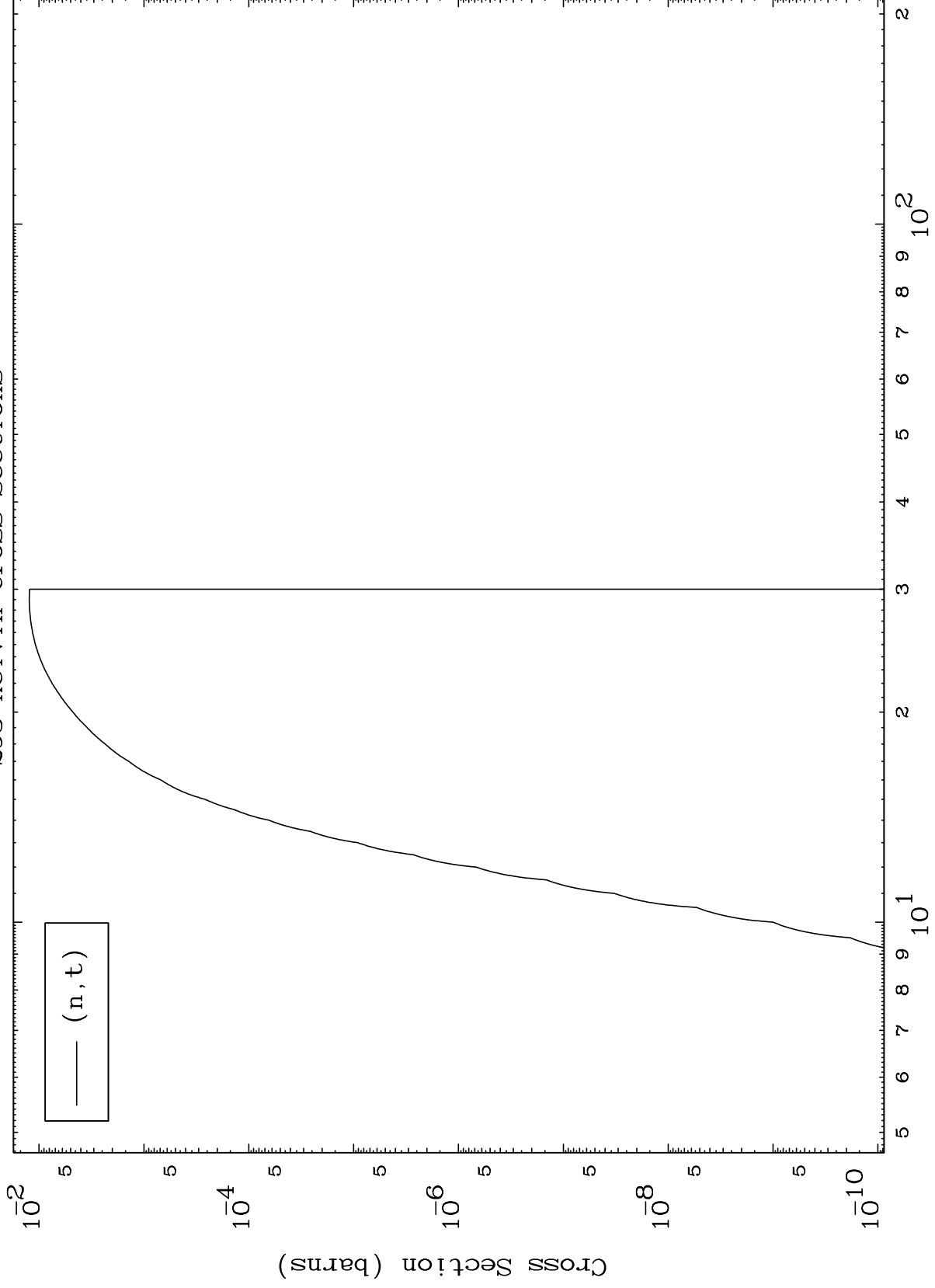
59-Pr-131



MAT 5895

(n,t) Levels  
293 Kelvin Cross Sections

59-Pr-131



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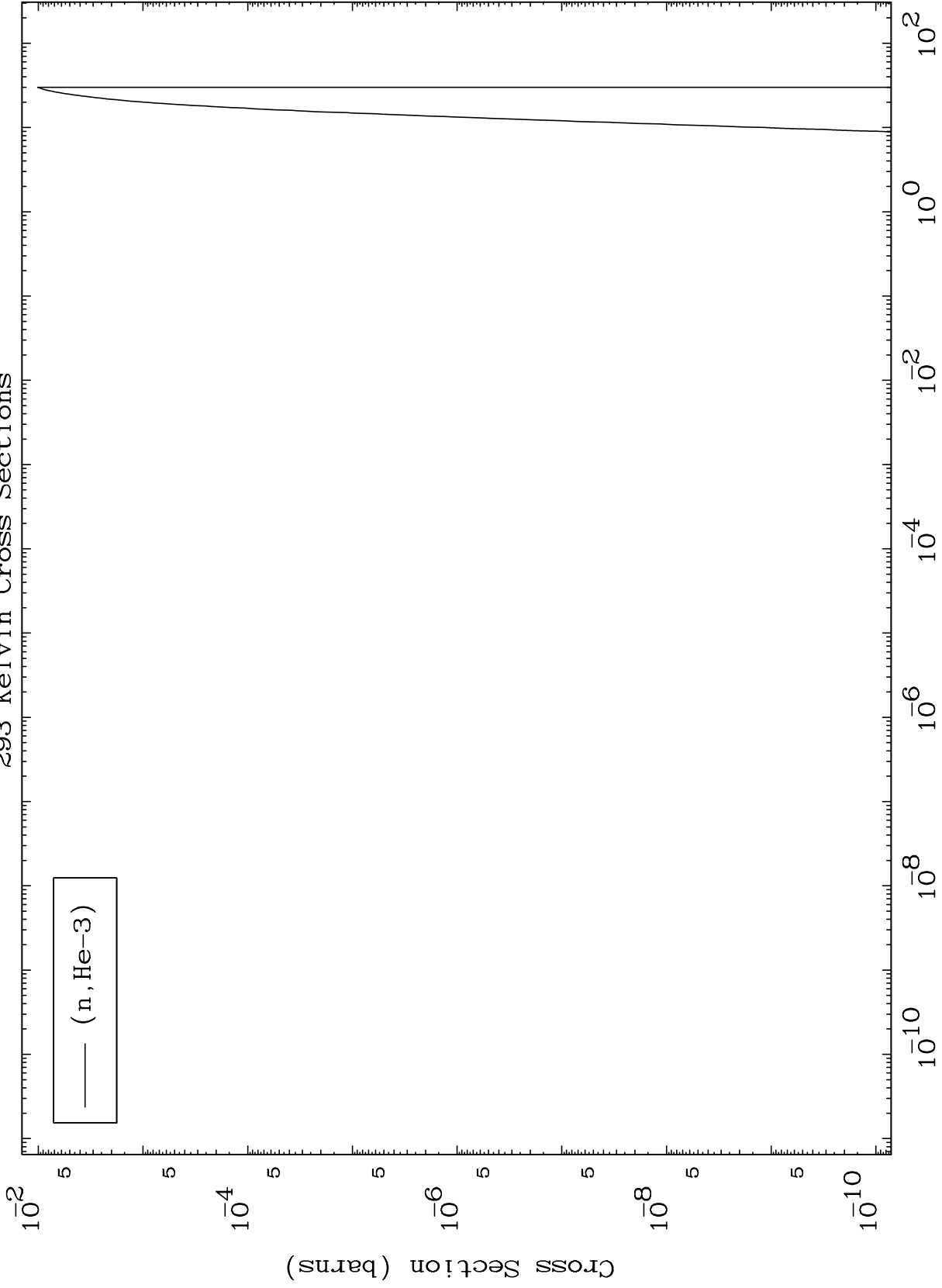
Incident Energy (MeV)

59-Pr-131

MAT 5895

(n,He3) Levels  
293 Kelvin Cross Sections

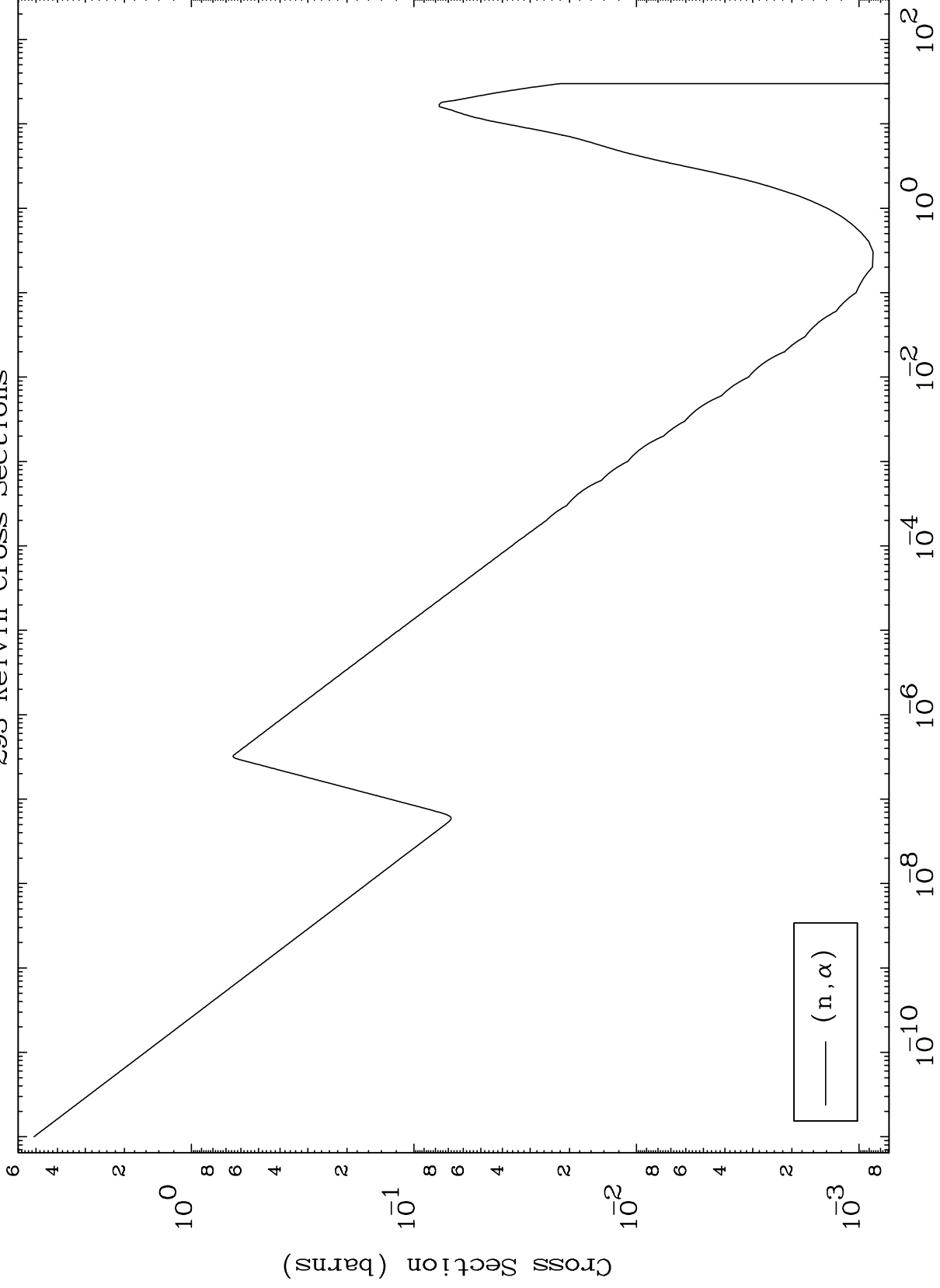
59-Pr-131



MAT 5895

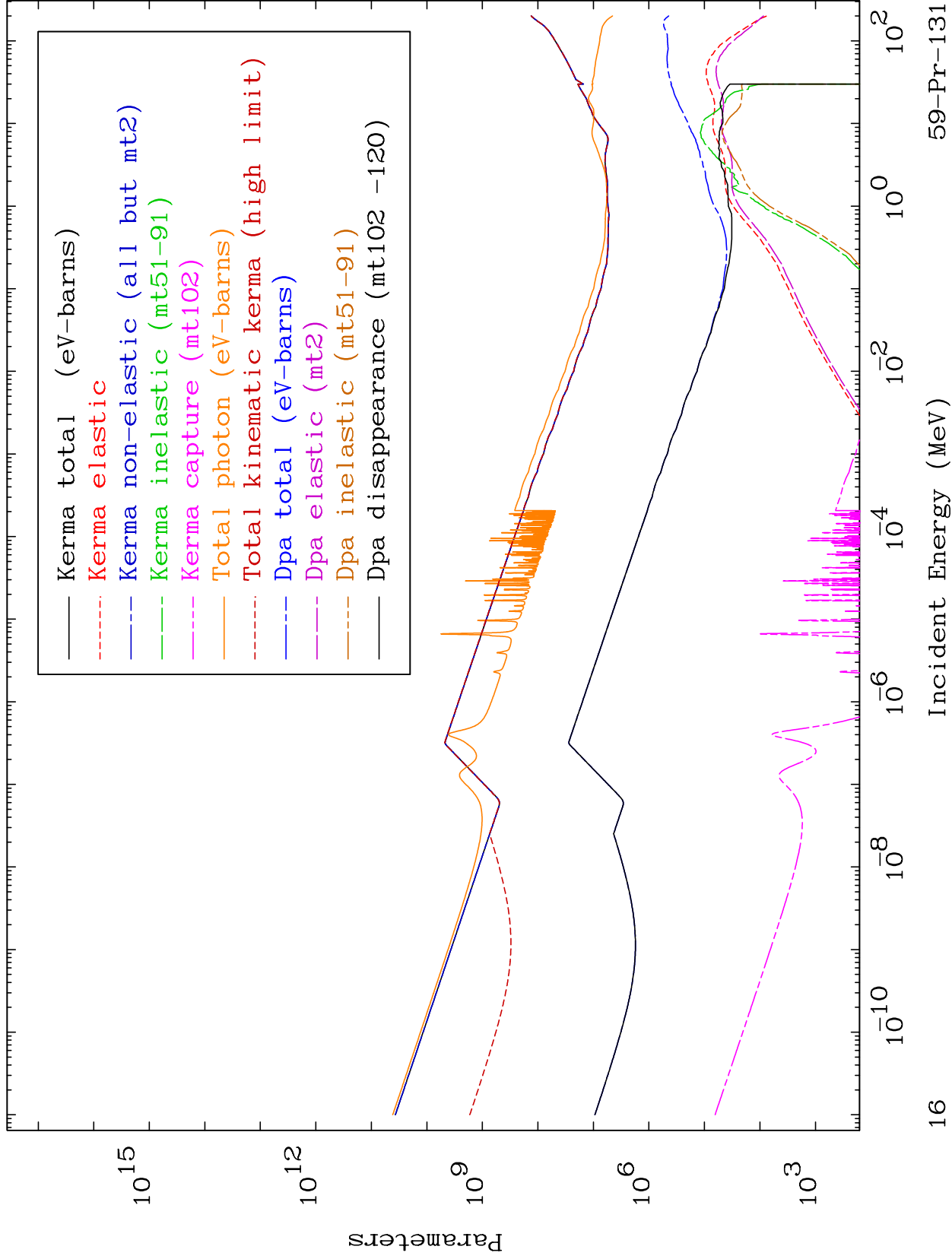
(n,α) Levels  
293 Kelvin Cross Sections

59-Pr-131



(n,α)

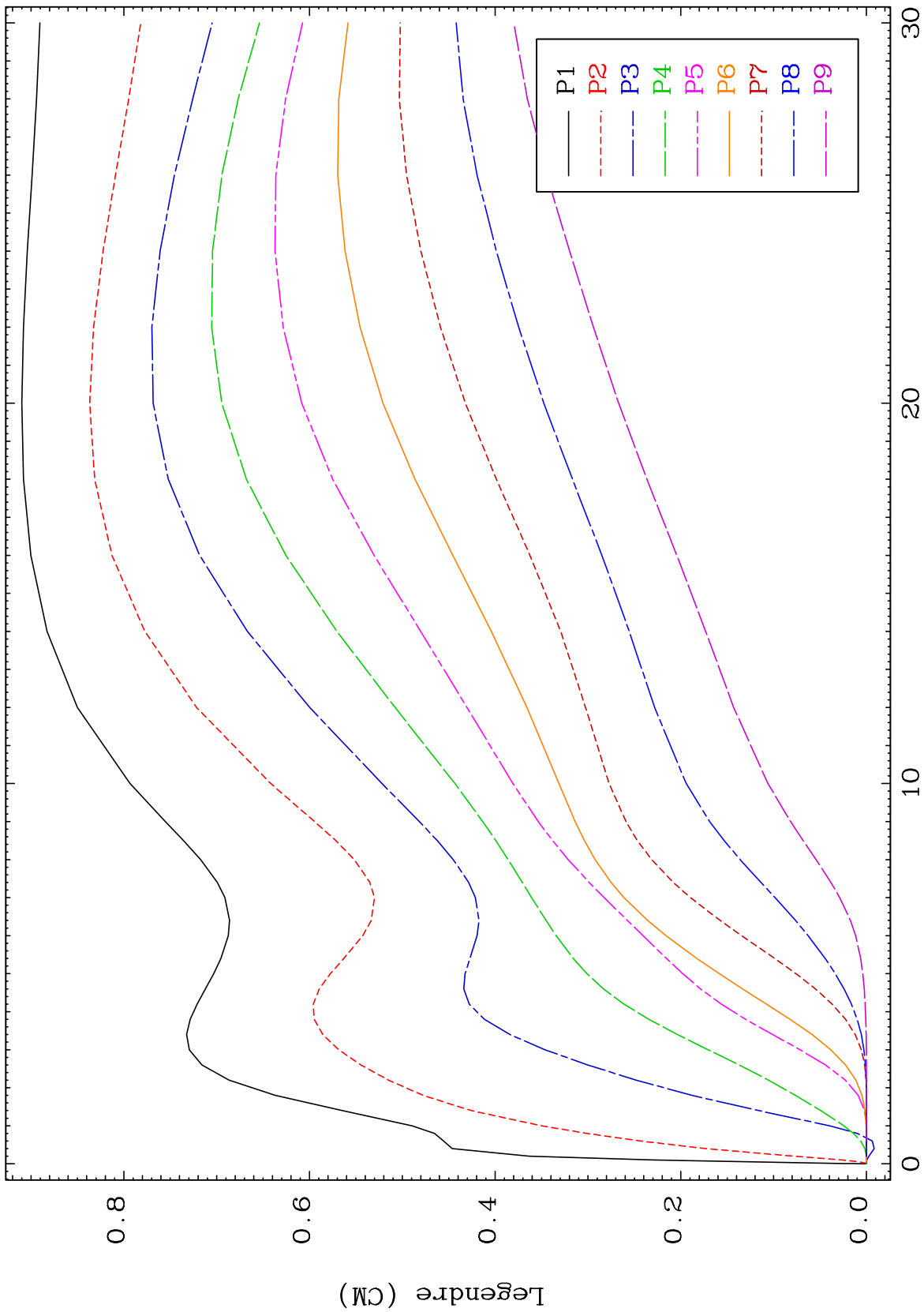




MAT 5895

Elastic Legendre Coefficients

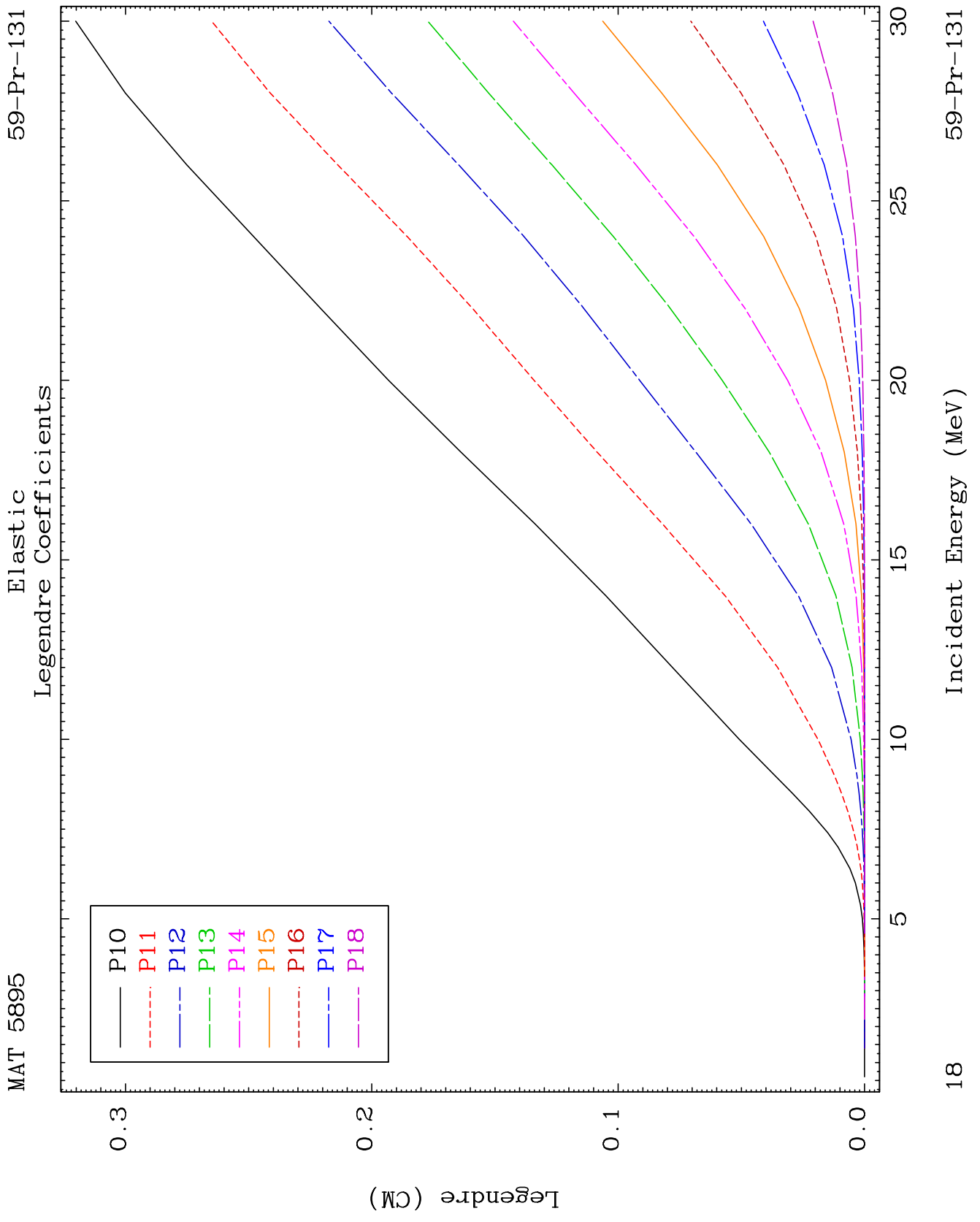
59-Pr-131



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Incident Energy (MeV)

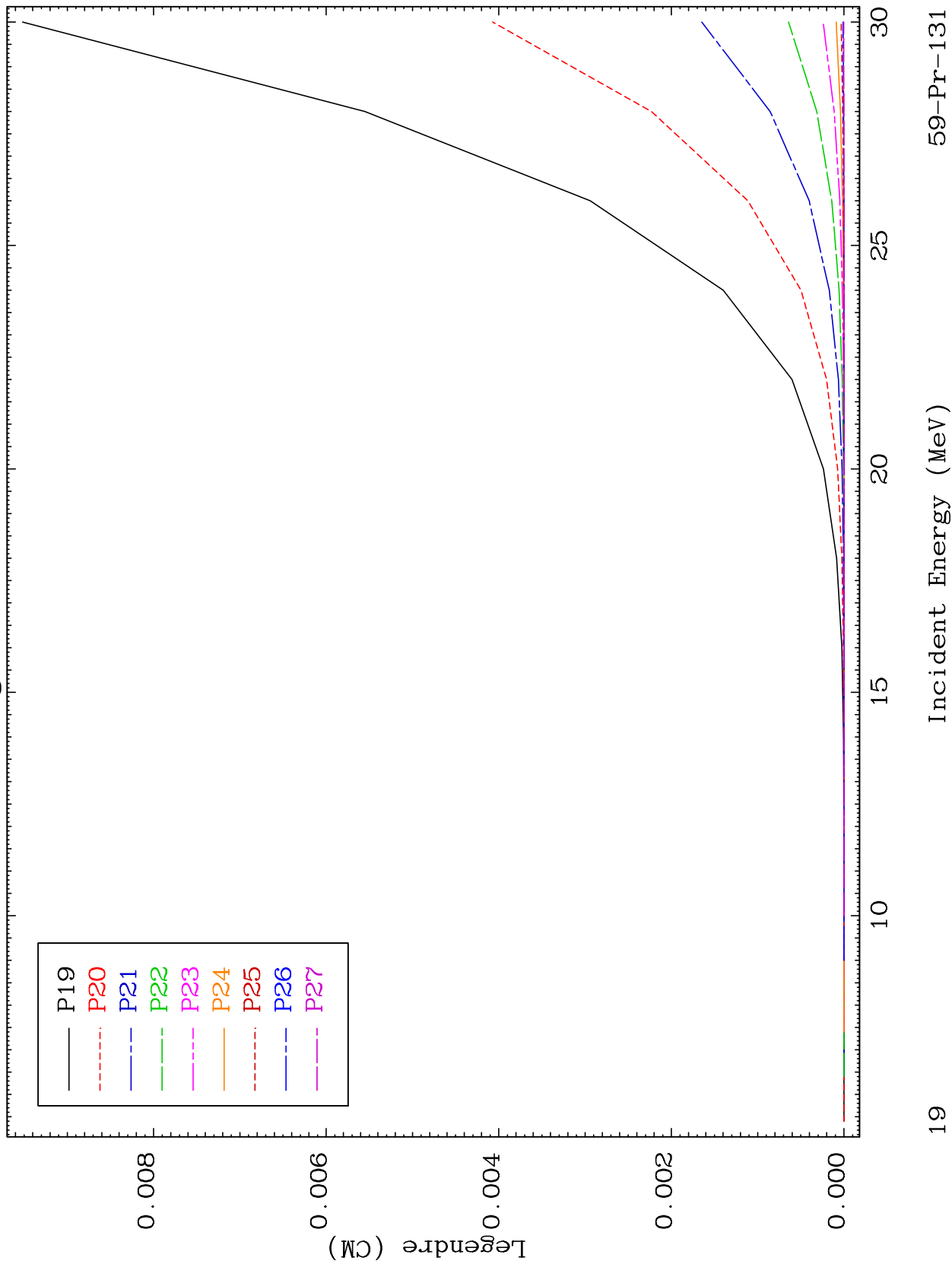
59-Pr-131



MAT 5895

### Elastic Legendre Coefficients

59-Pr-131



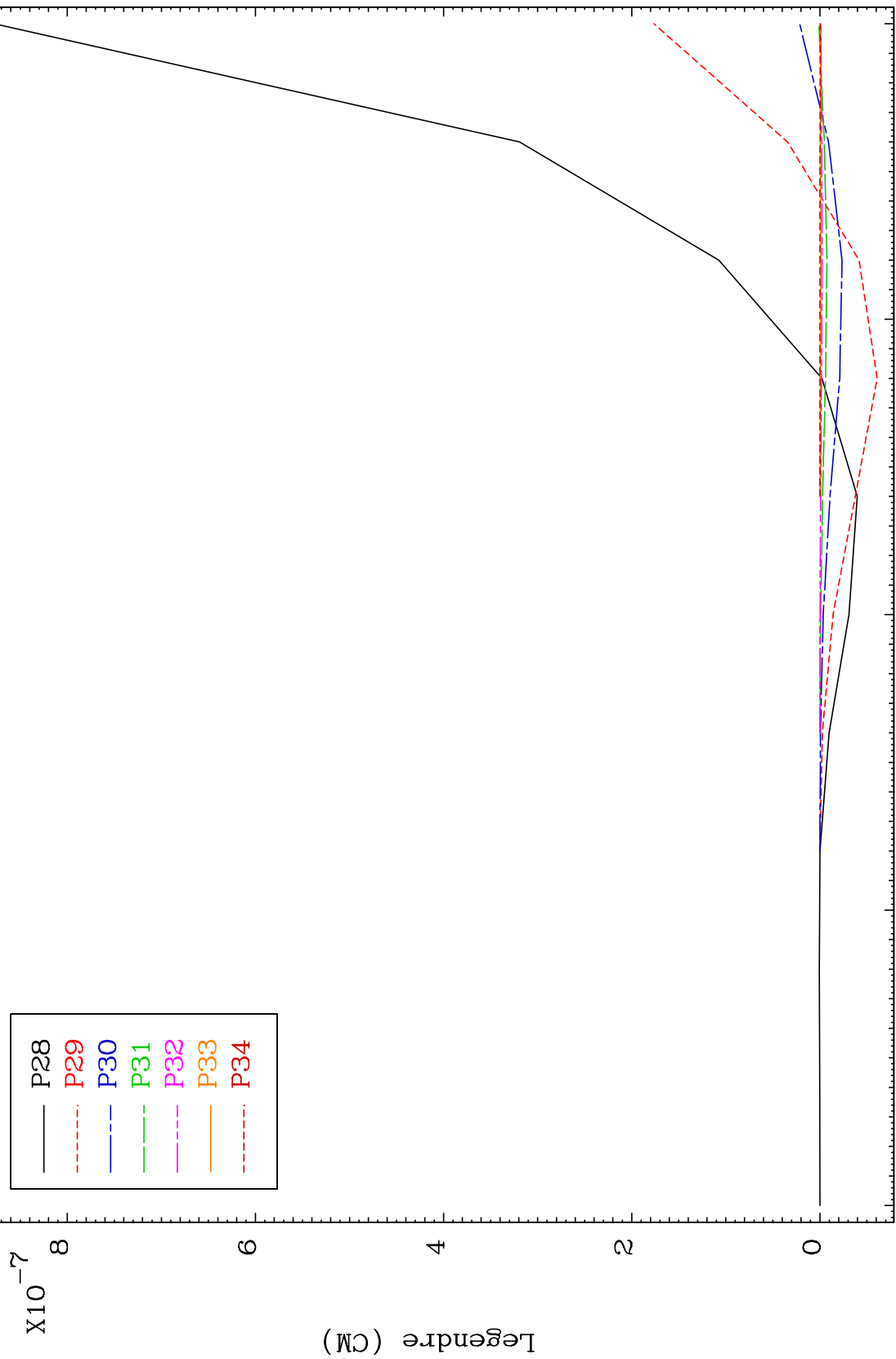
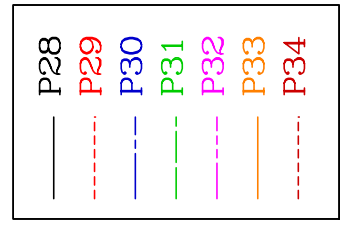
19

59-Pr-131

MAT 5895

Elastic Legendre Coefficients

59-Pr-131



59-Pr-131

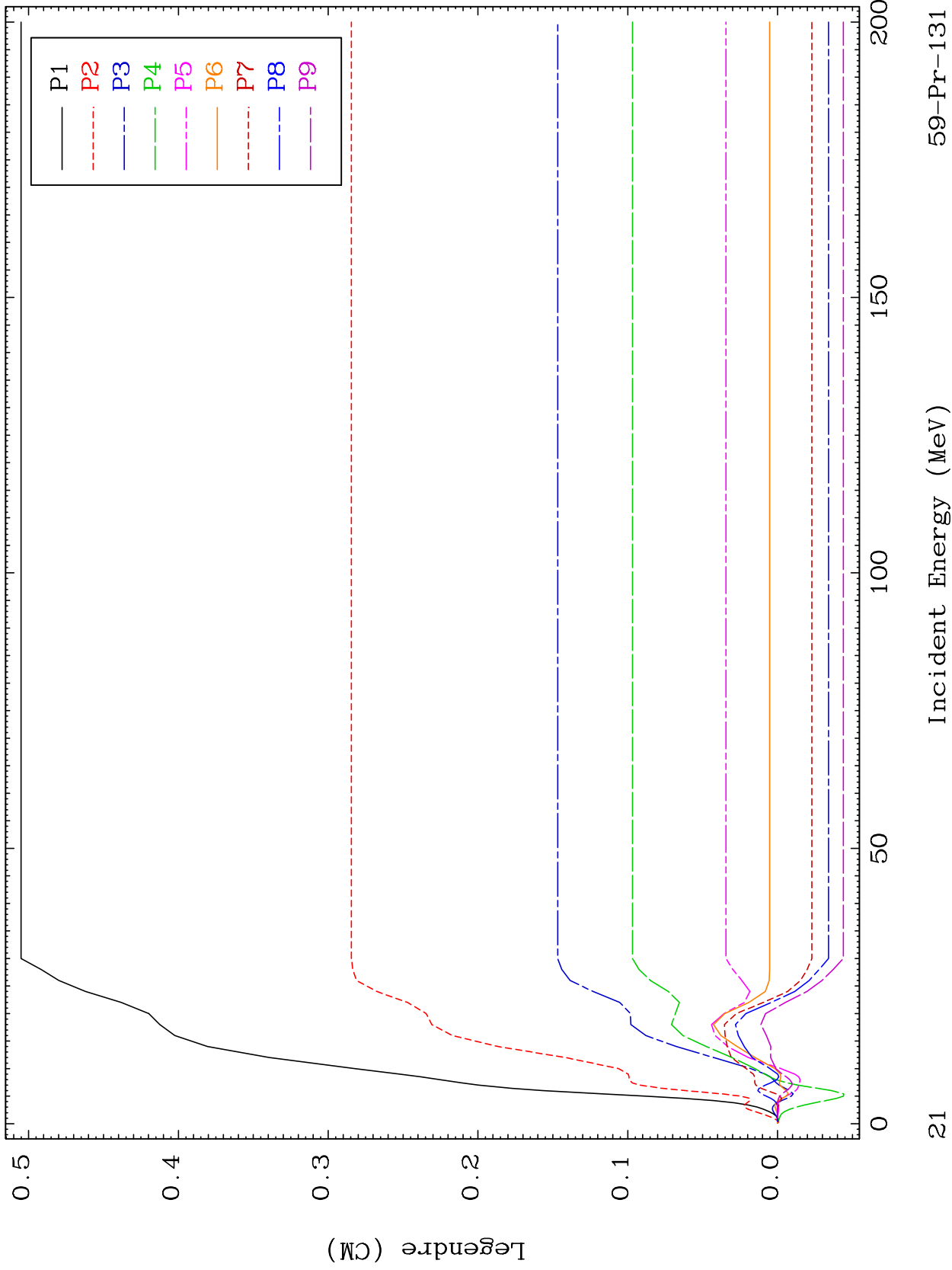
Incident Energy (MeV)

20

MAT 5895

87.57 keV (n,n') Level  
Legendre Coefficients

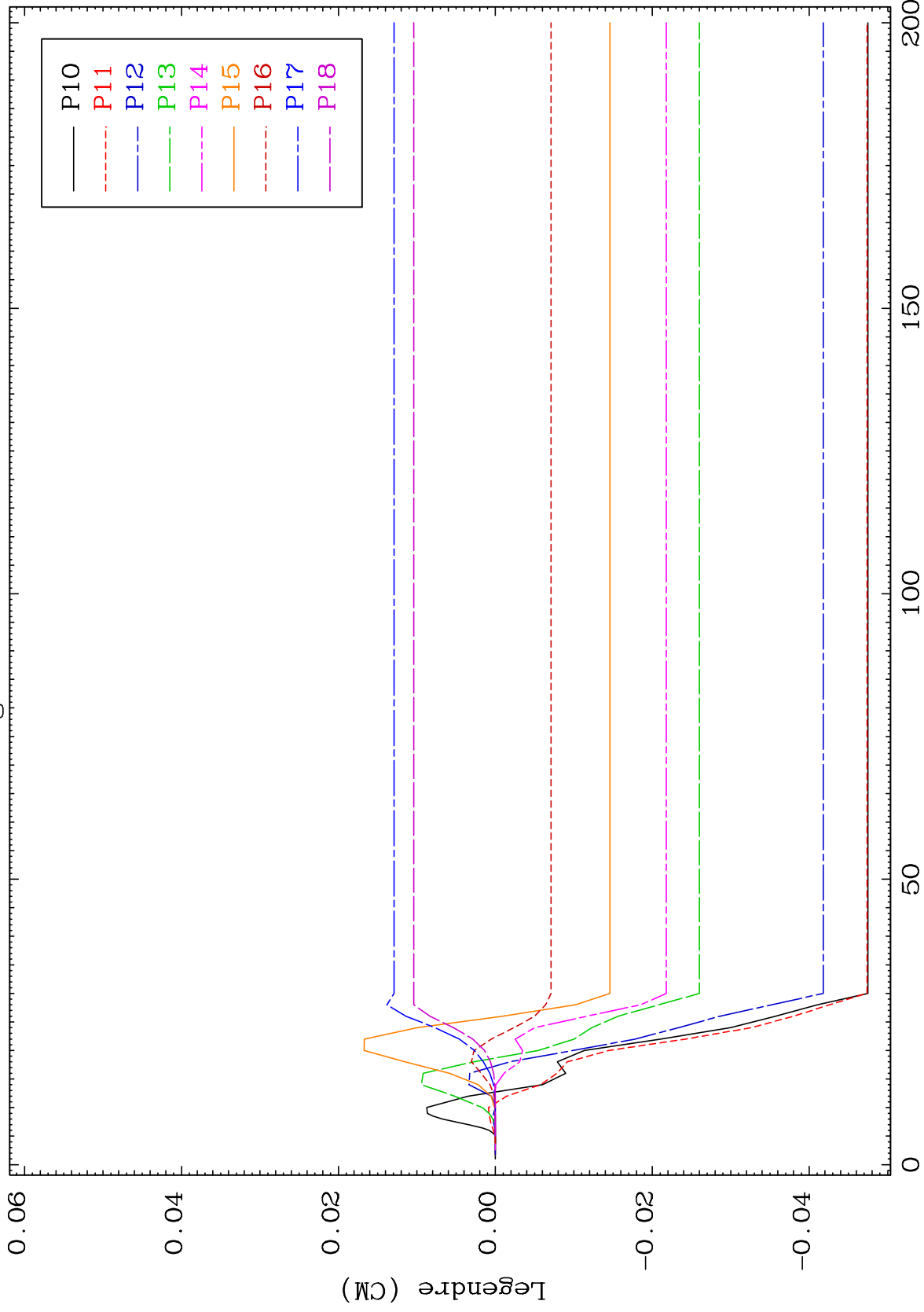
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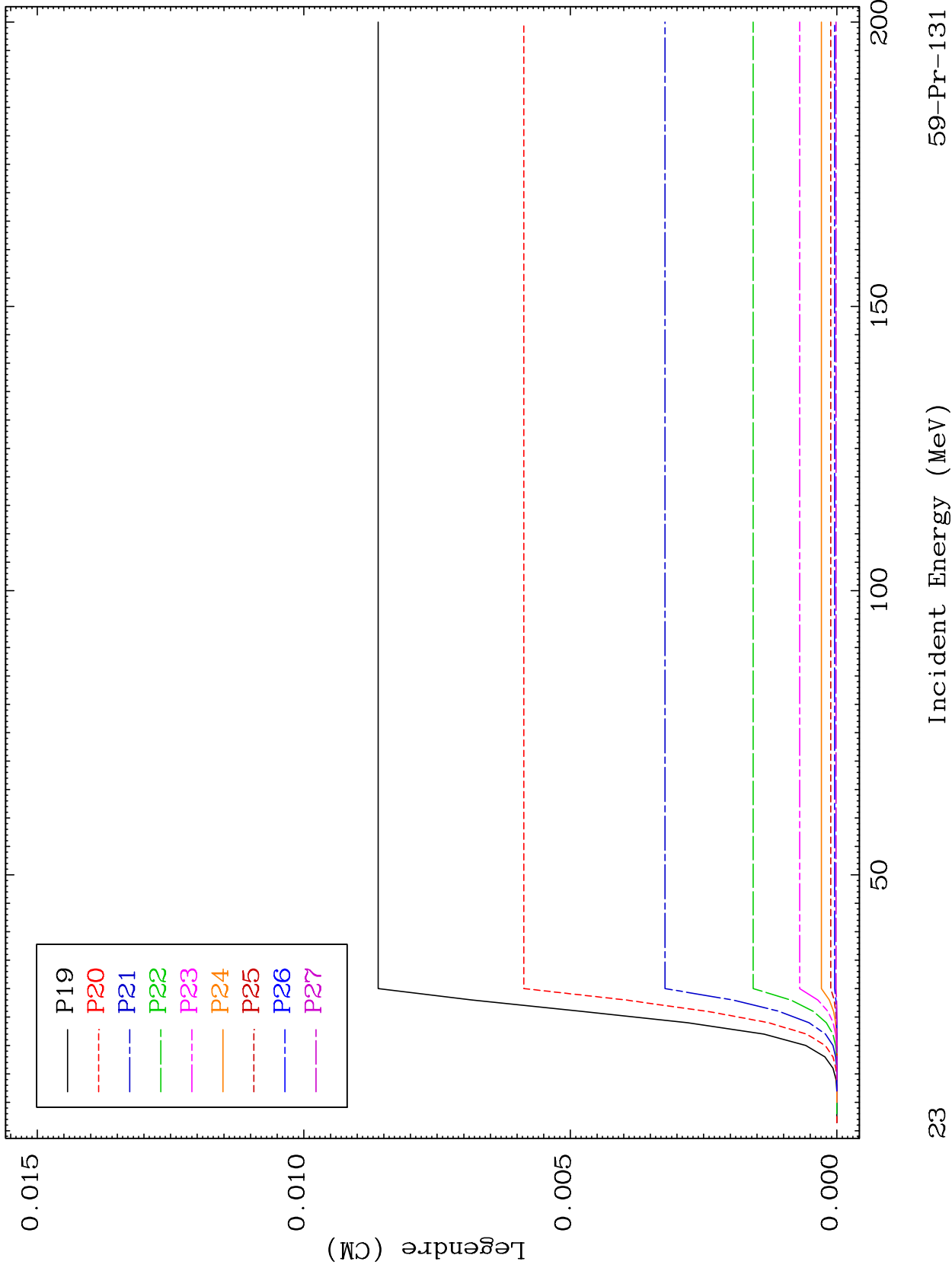


21

Incident Energy (MeV)

59-Pr-131



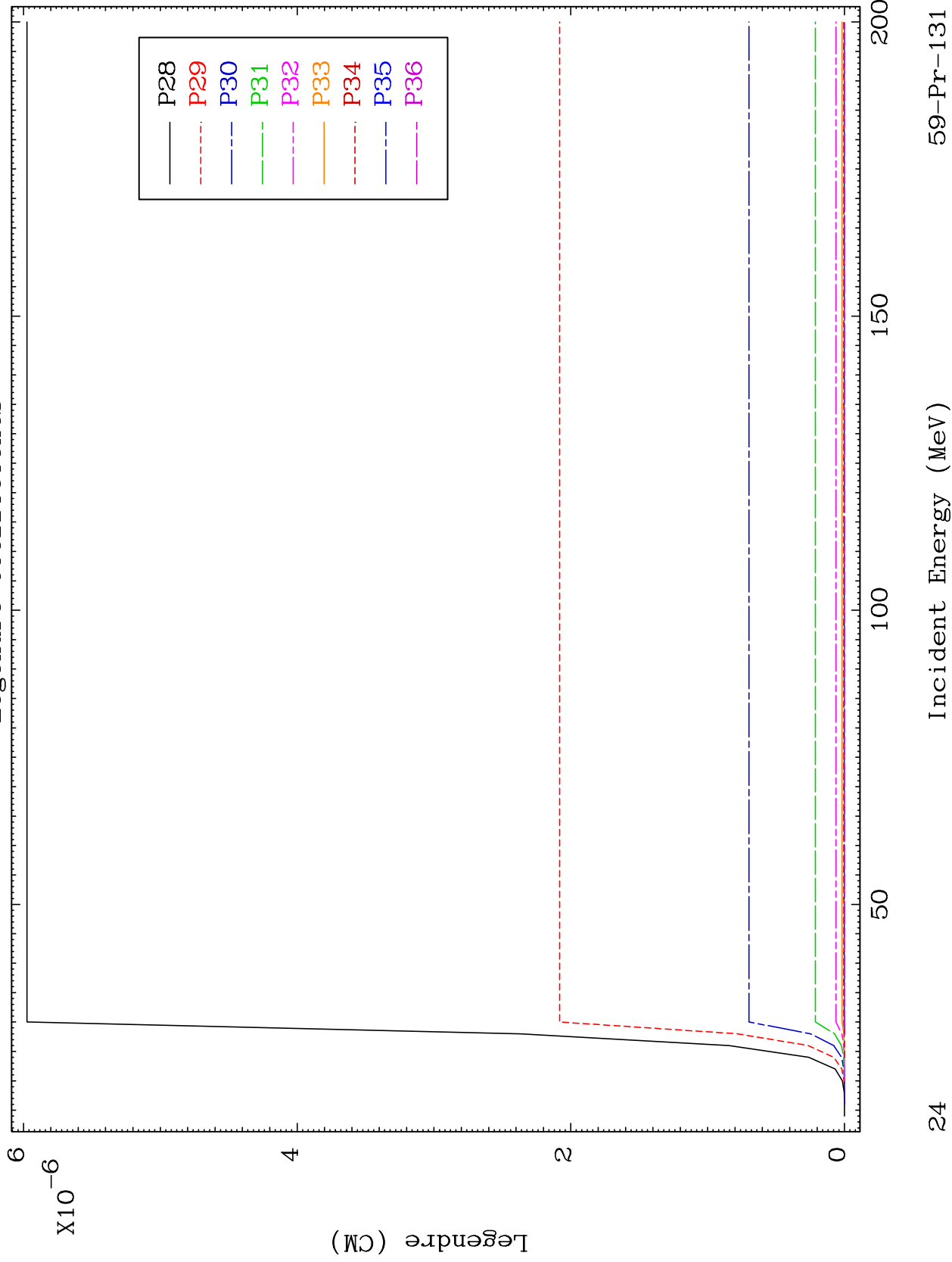




MAT 5895

87.57 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



24

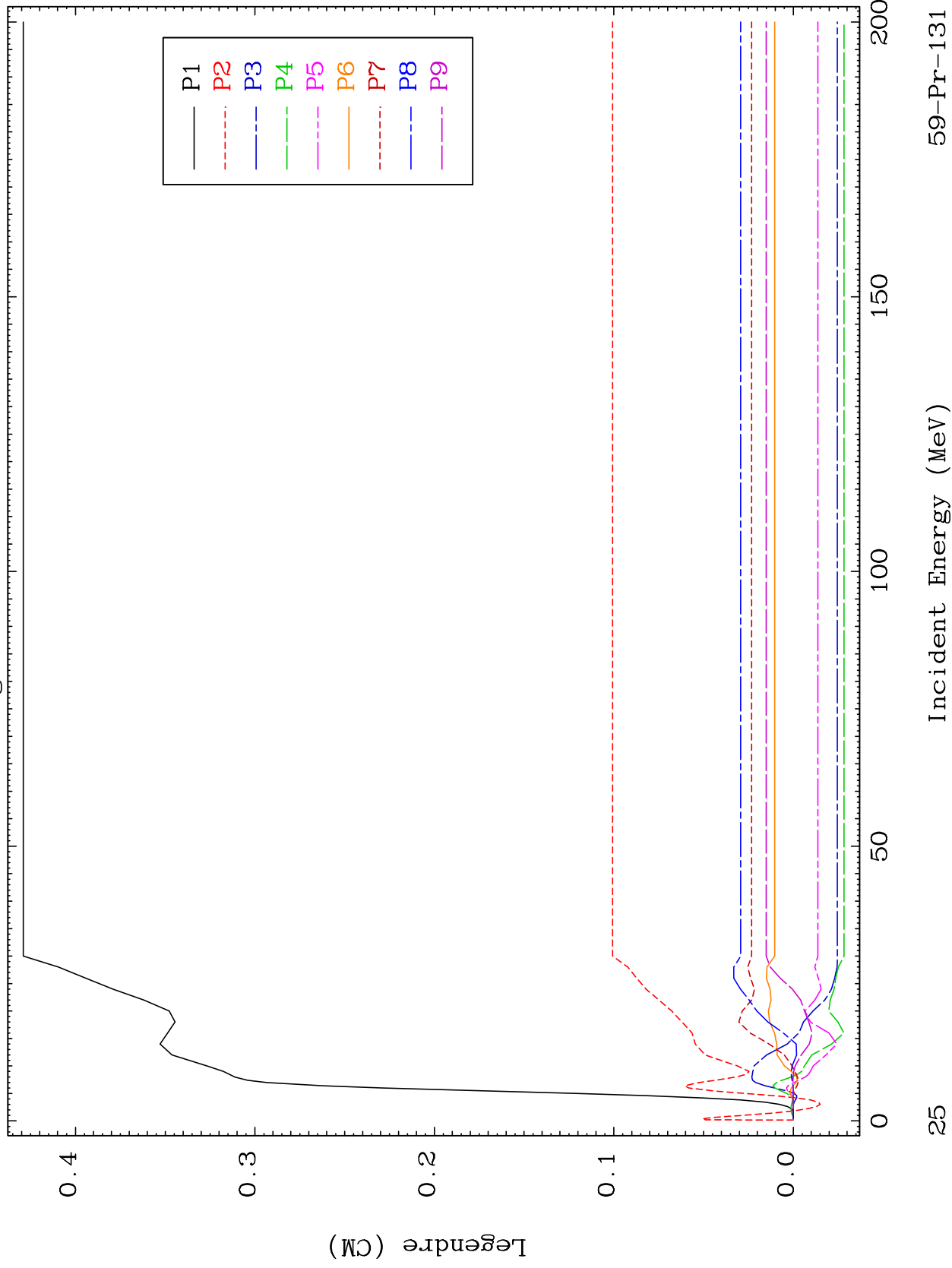
Incident Energy (MeV)

59-Pr-131

MAT 5895

152.4 keV (n,n') Level  
Legendre Coefficients

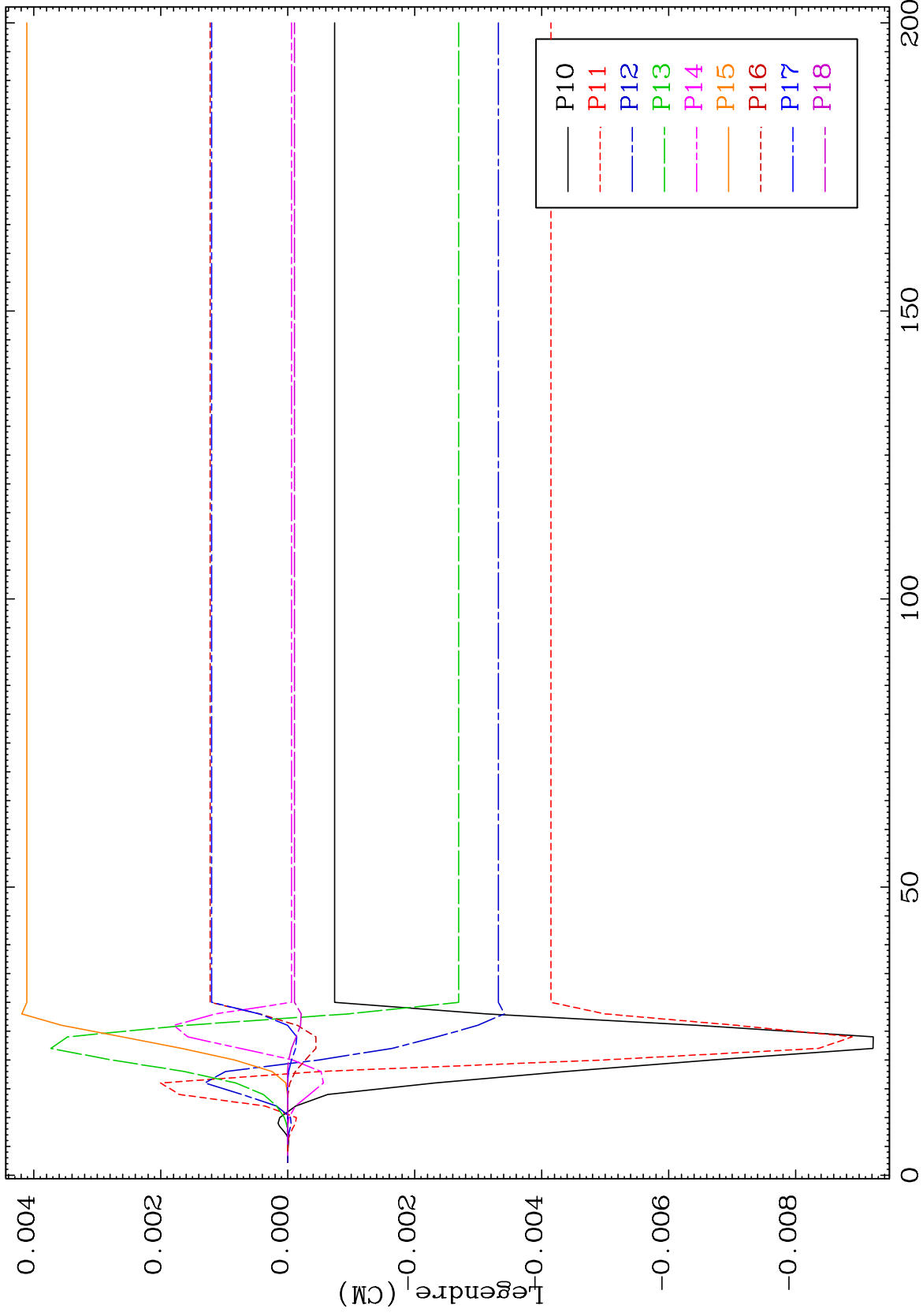
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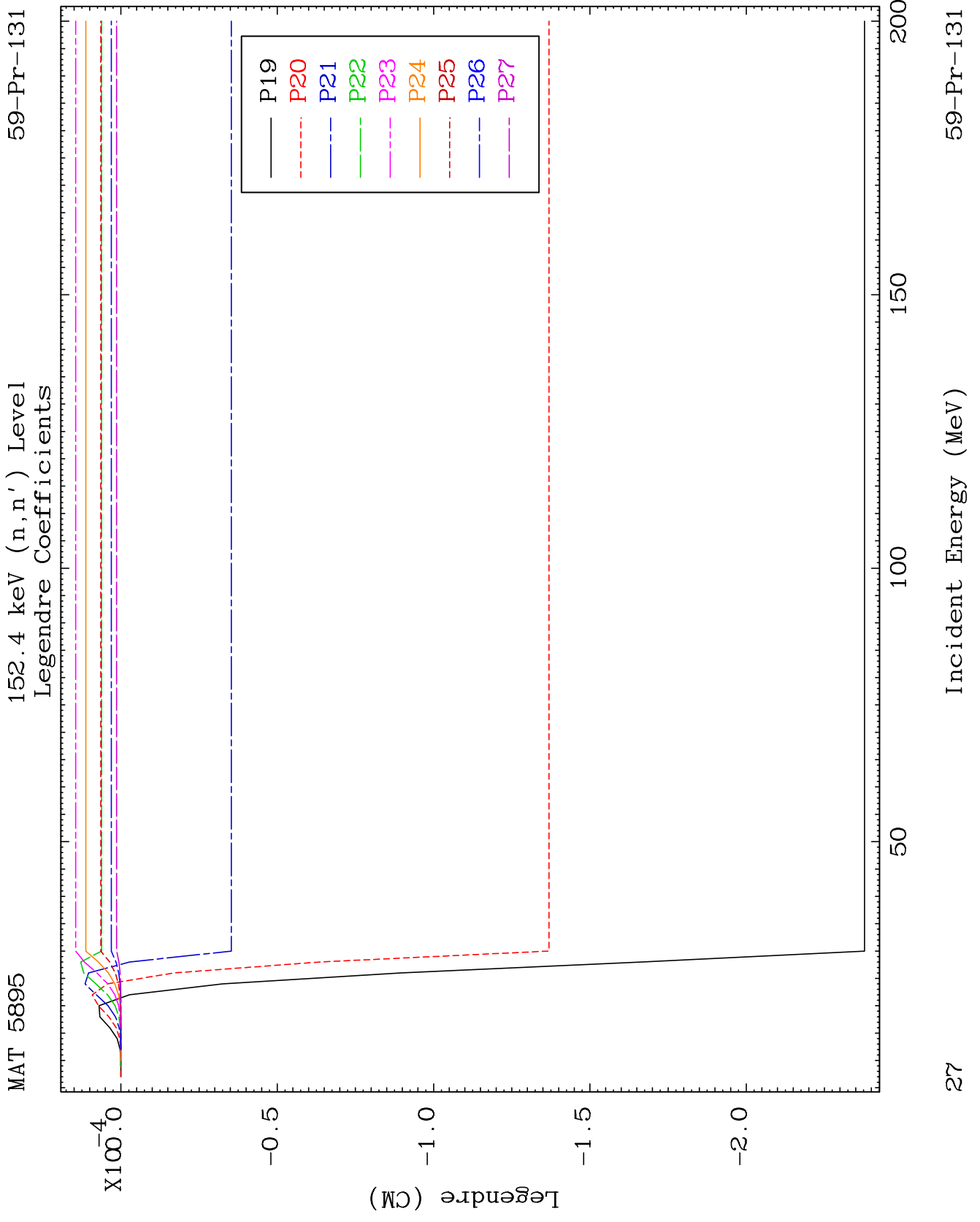


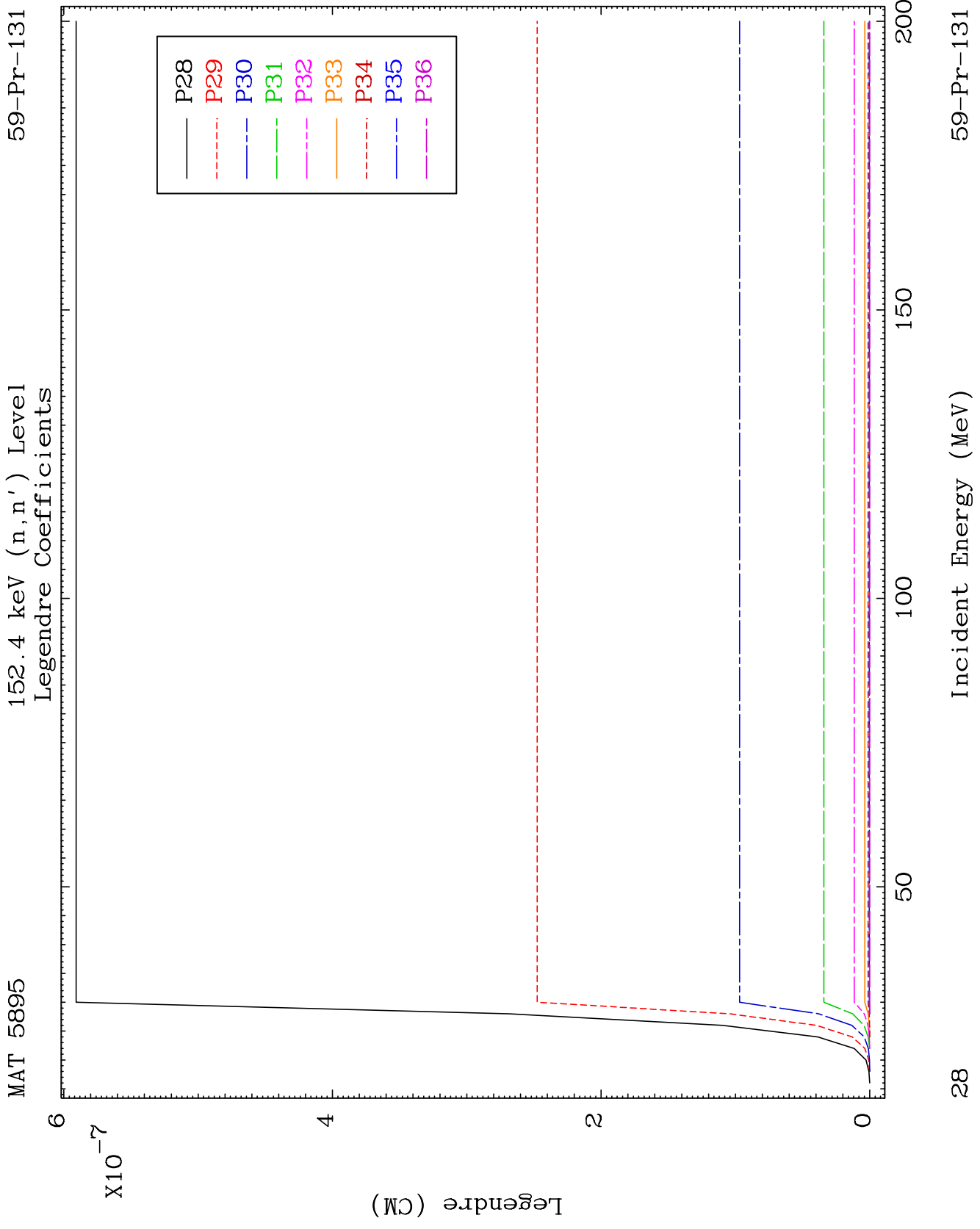
59-Pr-131

Incident Energy (MeV)

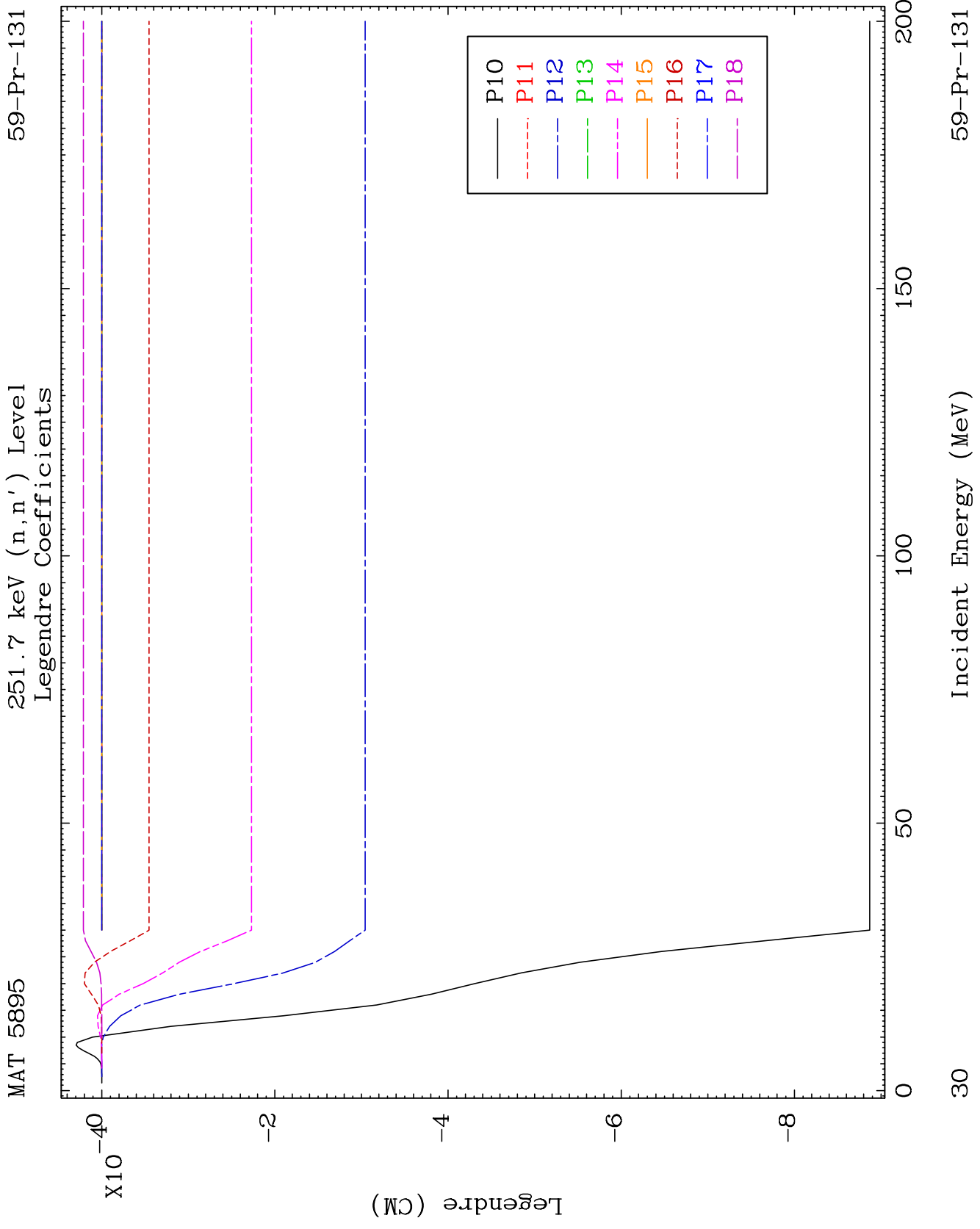
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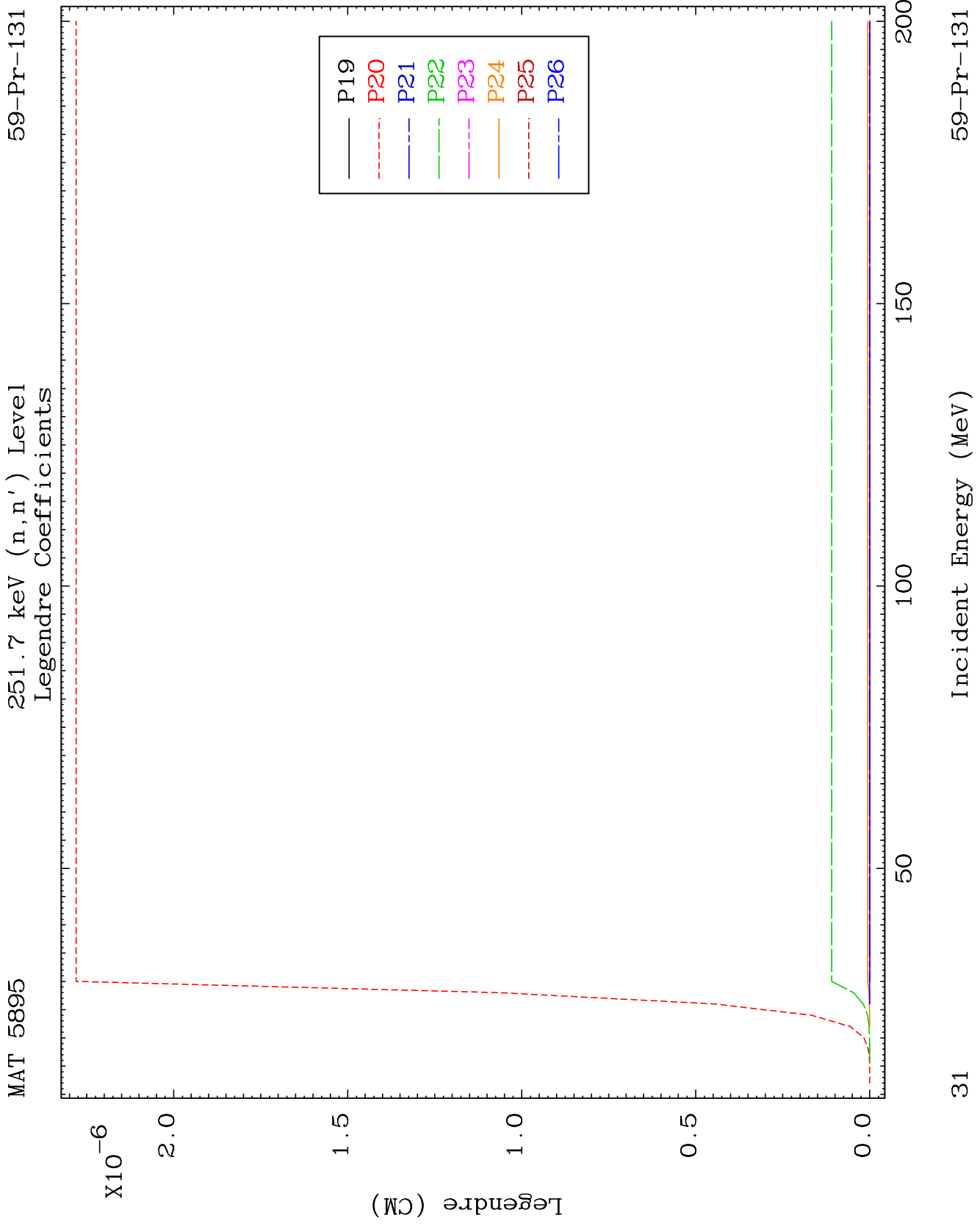




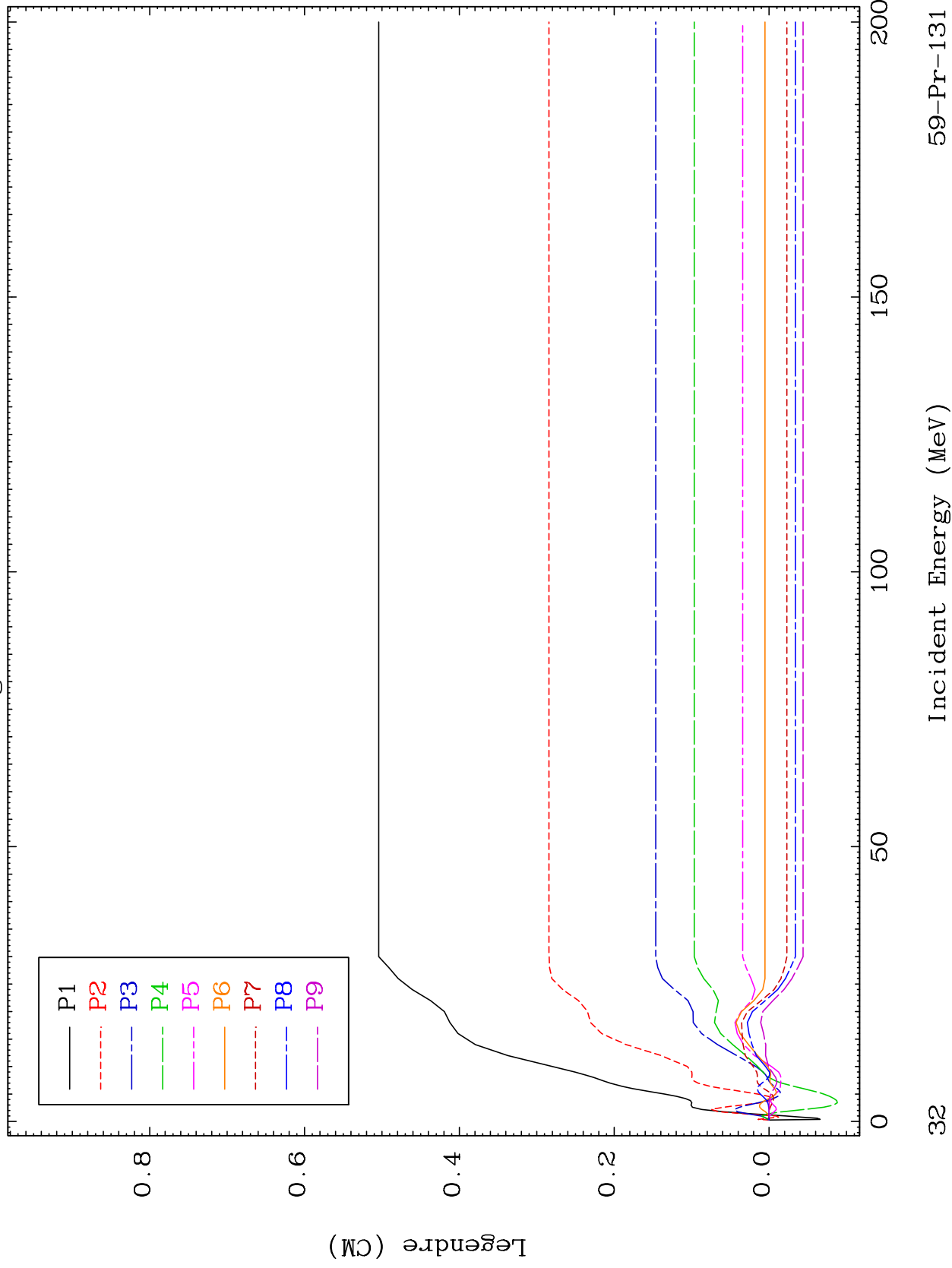


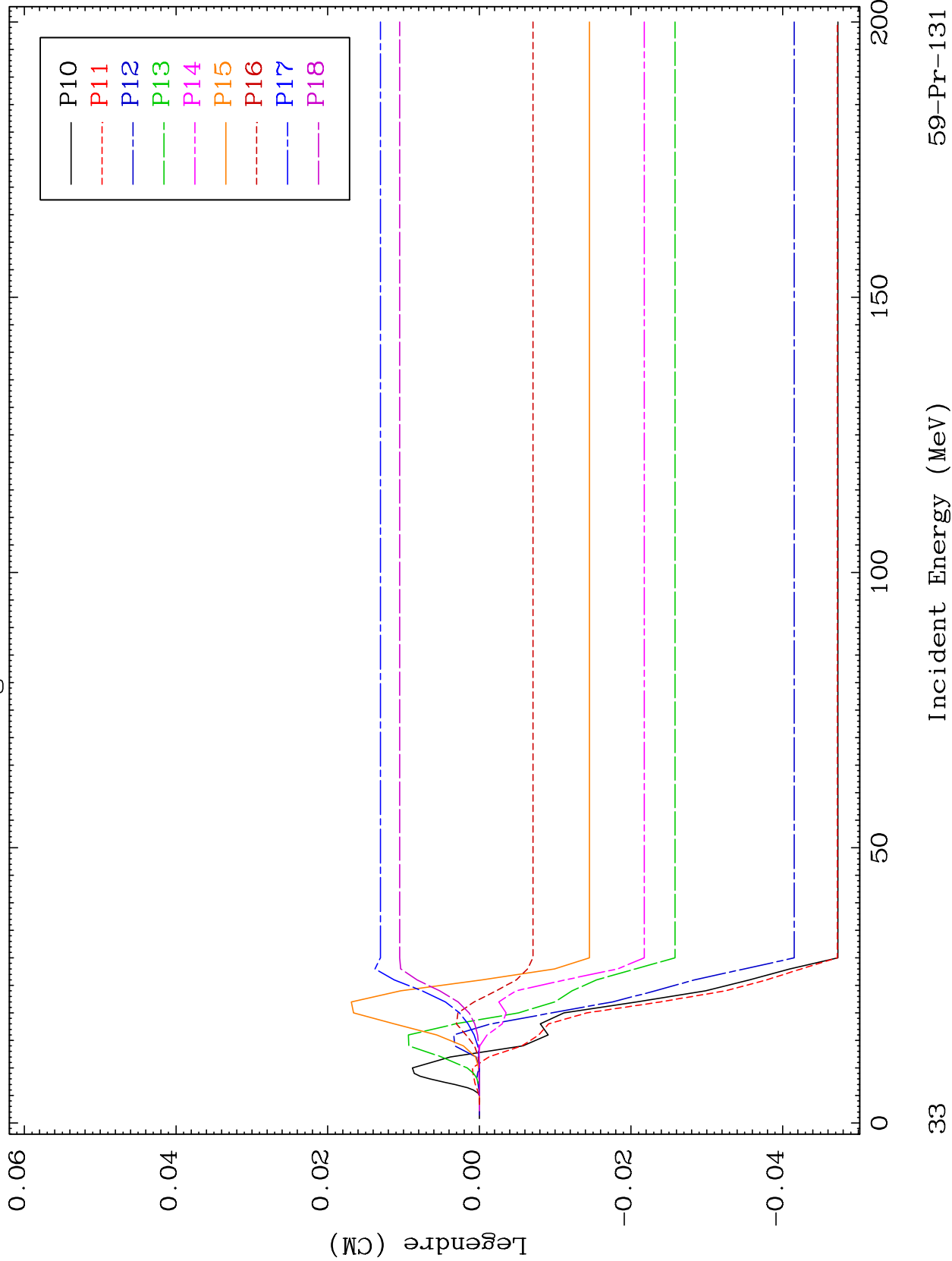


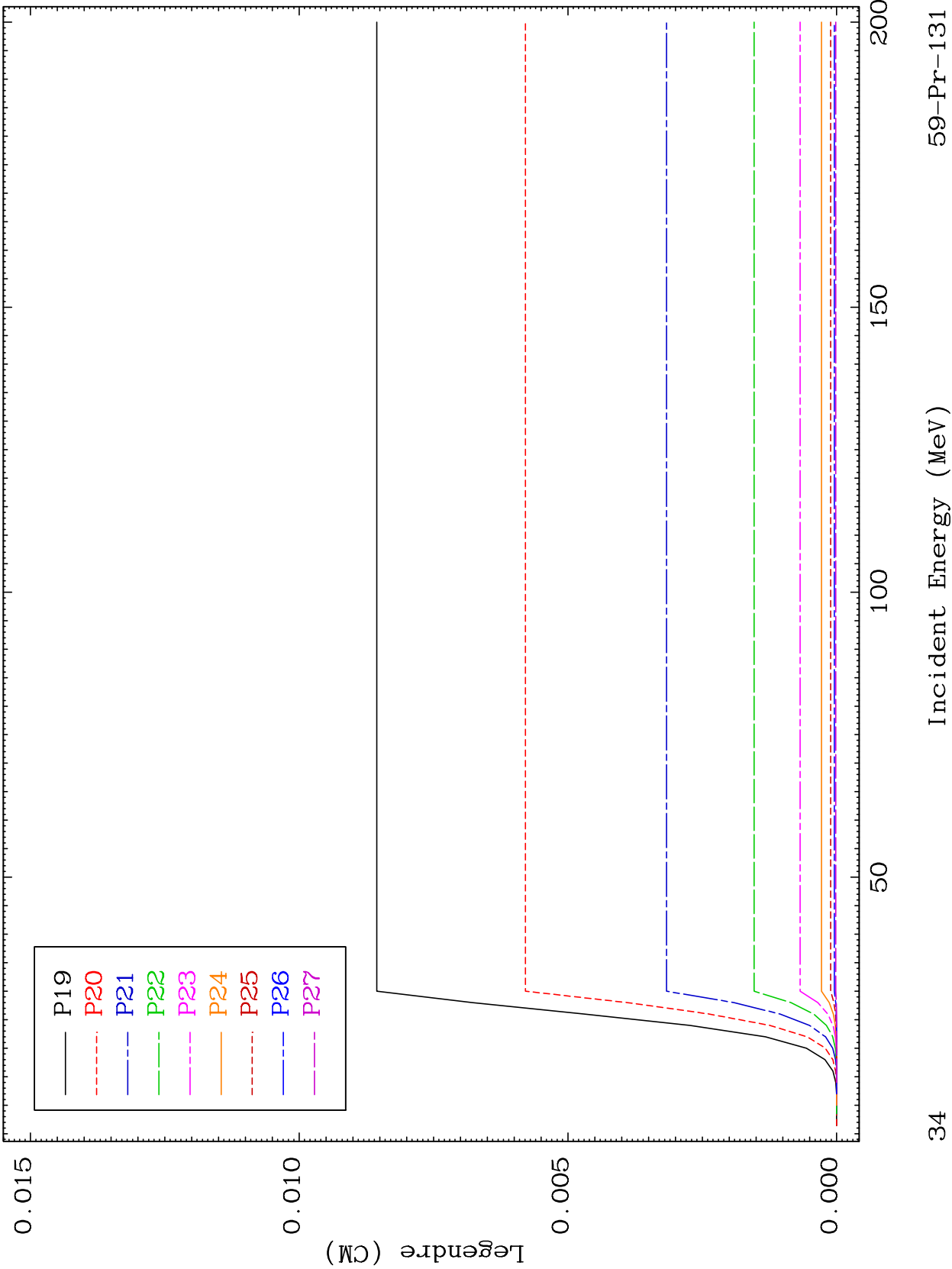








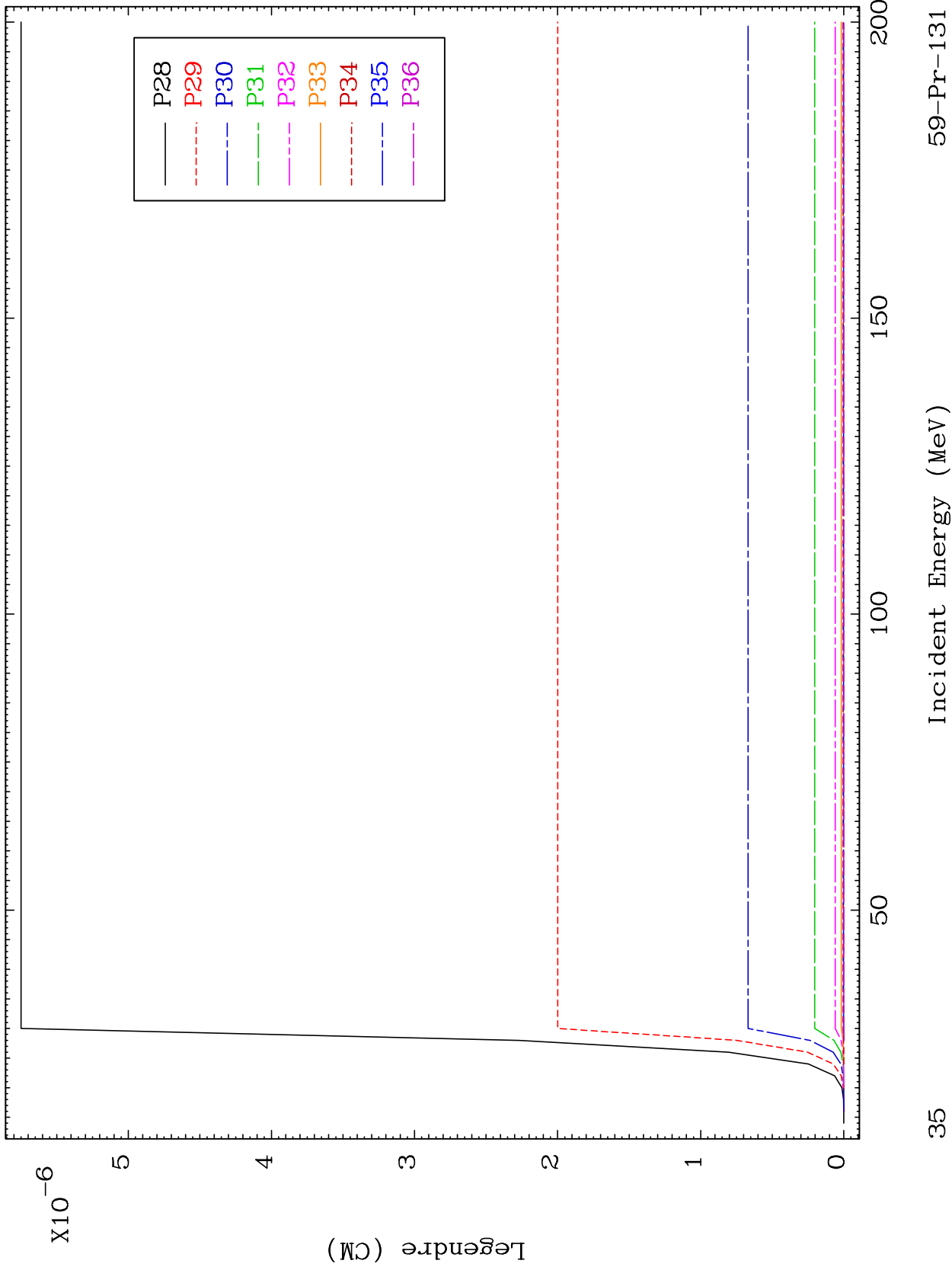




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261.9 keV (n,n') Level  
Legendre Coefficients

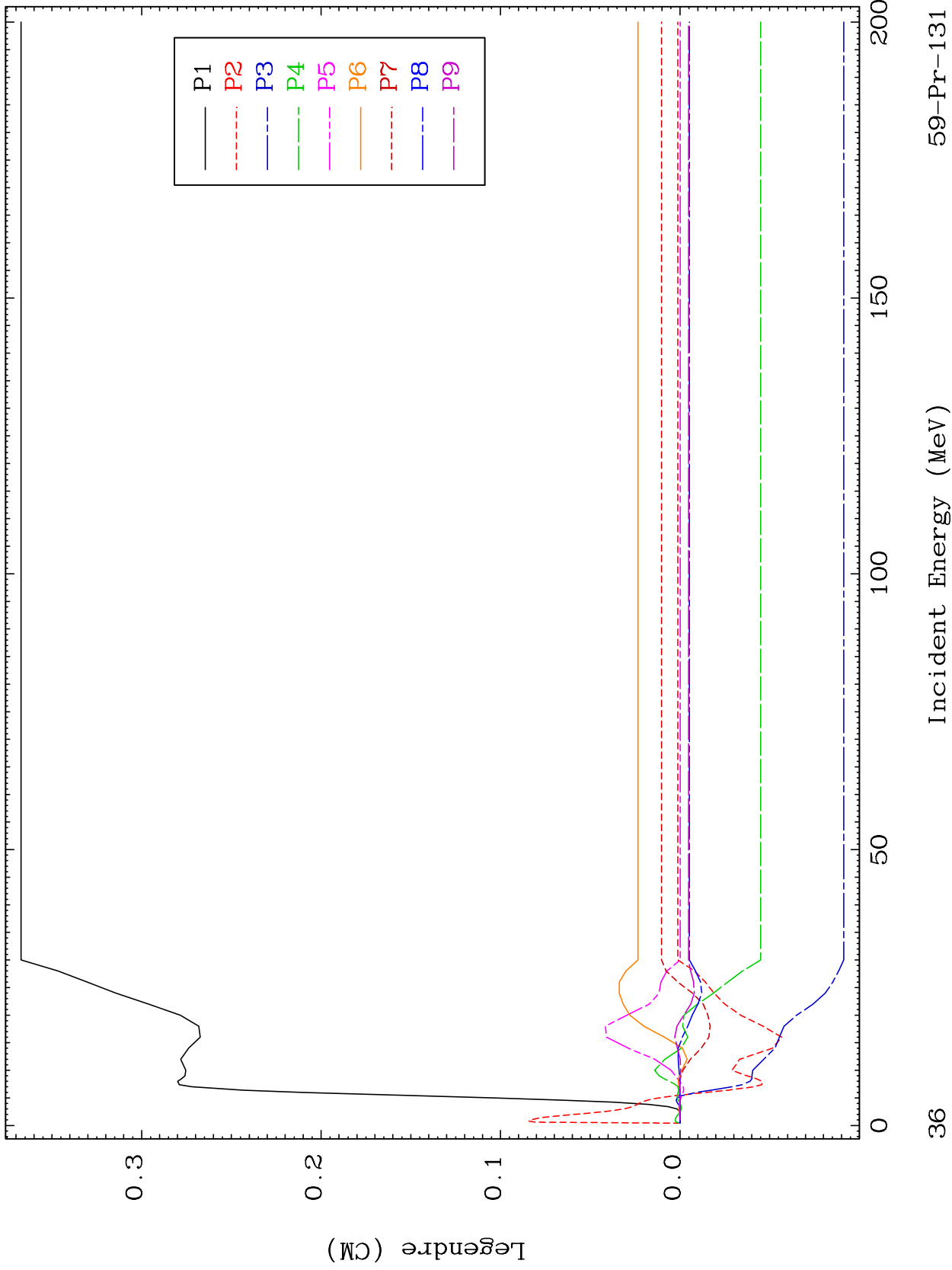
59-Pr-131



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Incident Energy (MeV)

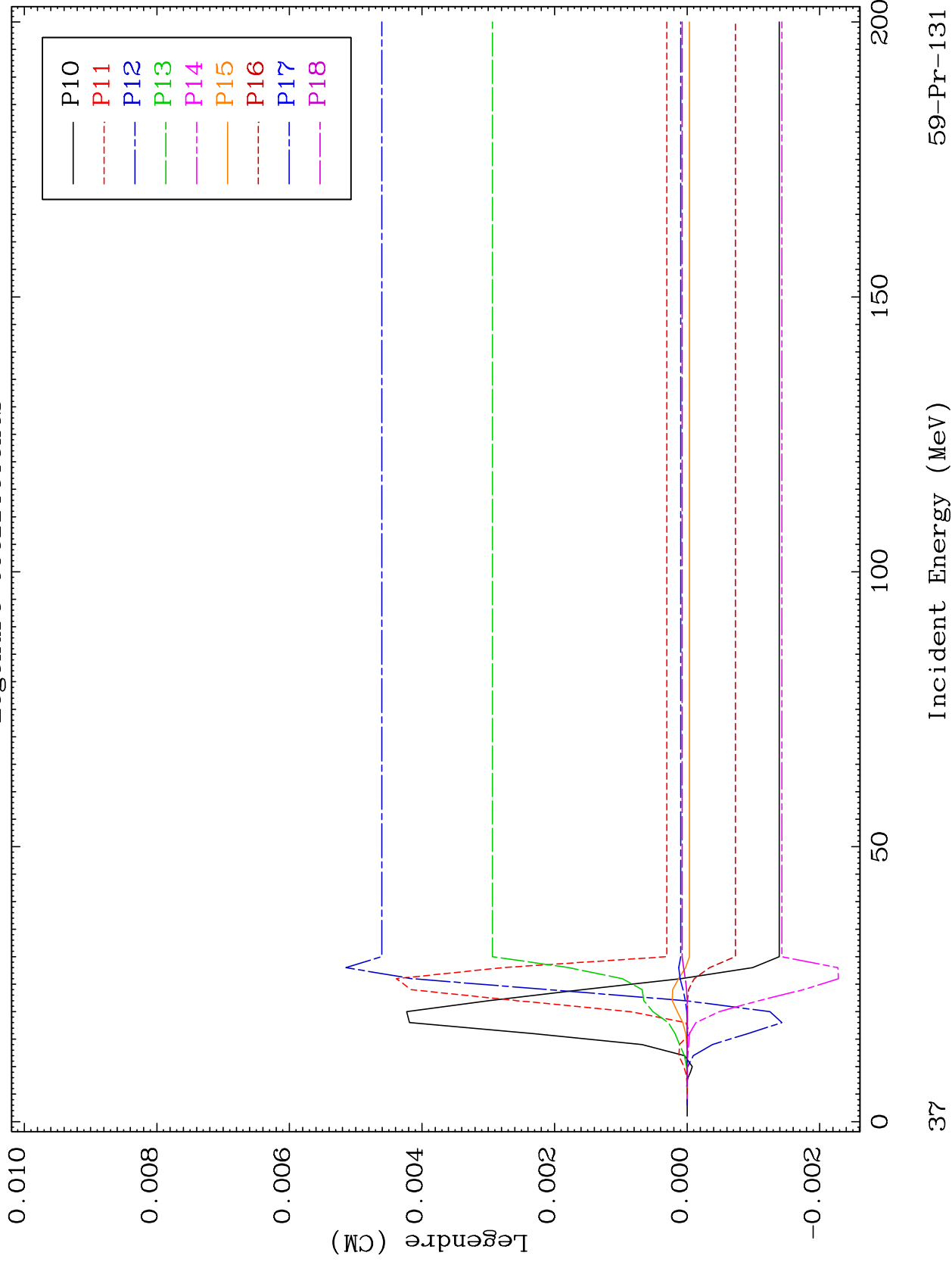
59-Pr-131



MAT 5895

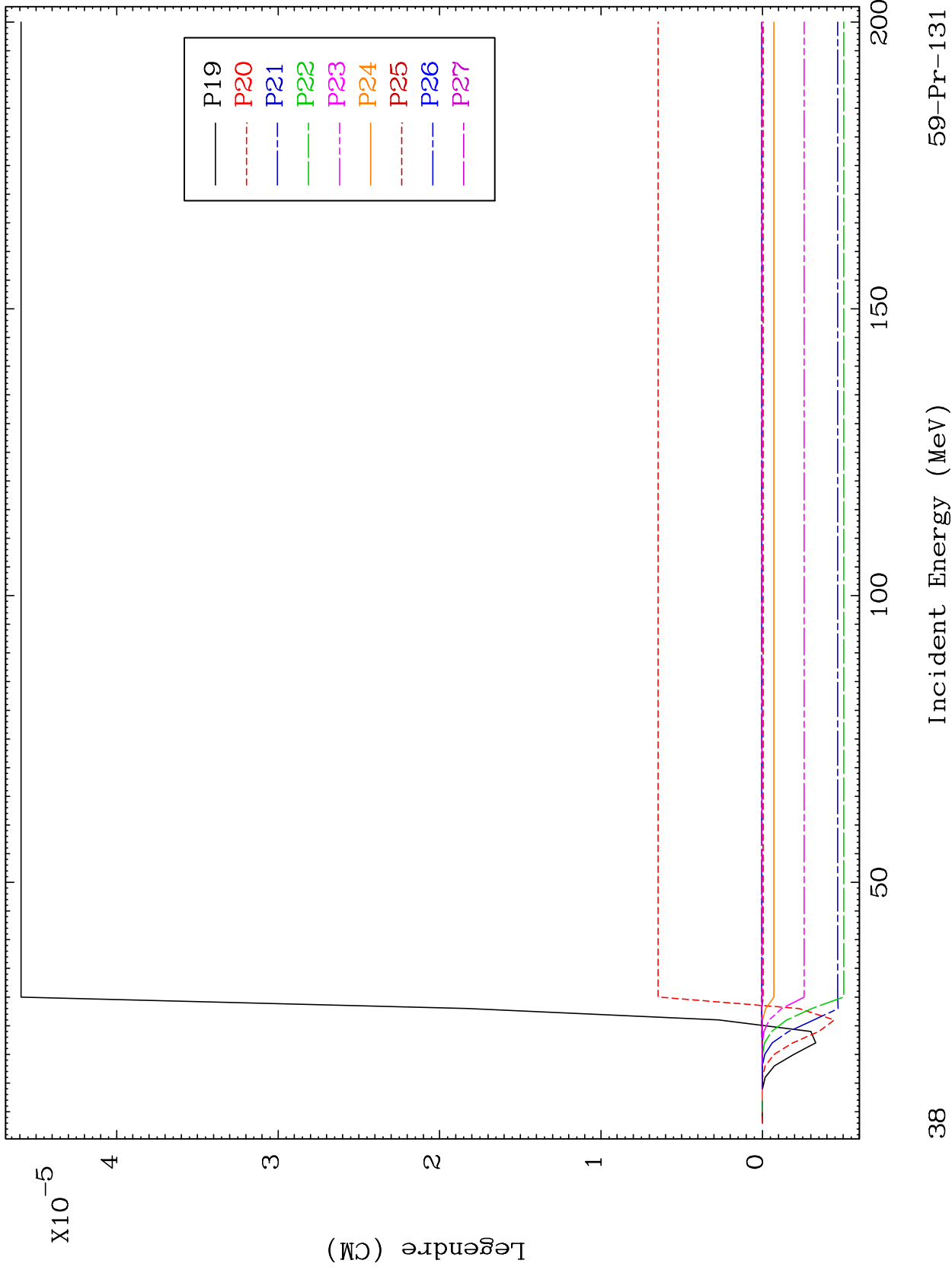
408.8 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



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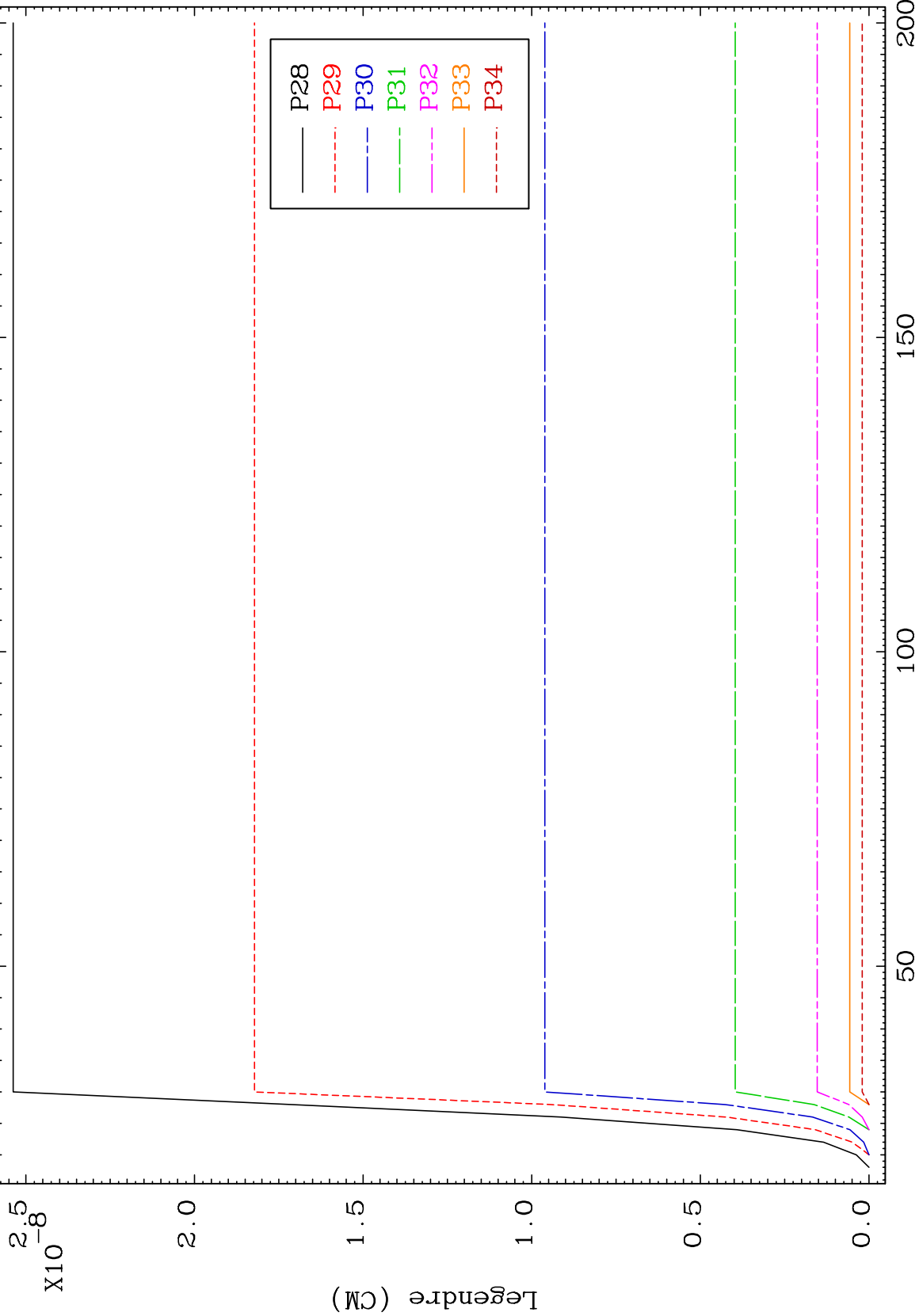
59-Pr-131



MAT 5895

408.8 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



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Incident Energy (MeV)

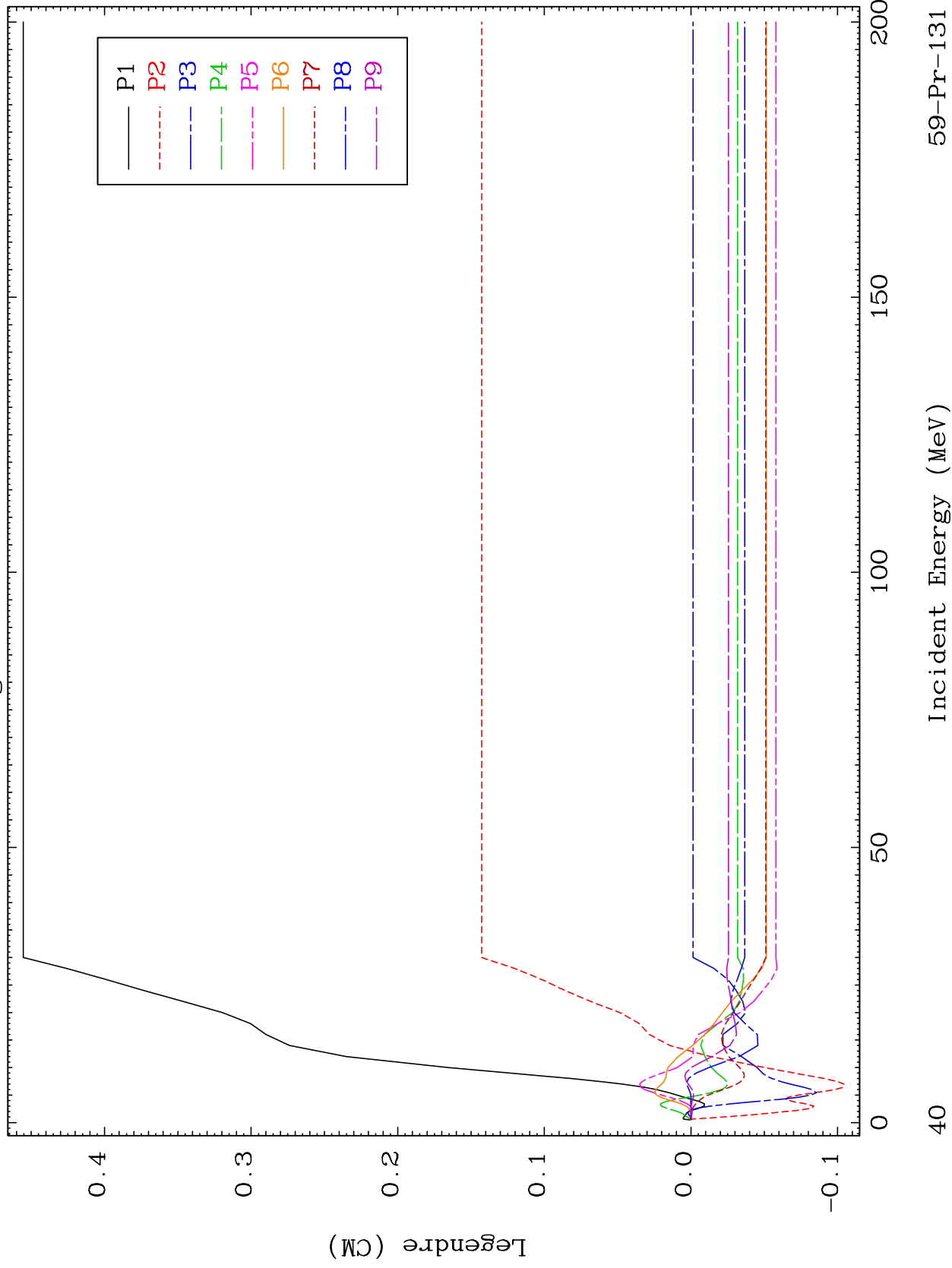
59-Pr-131



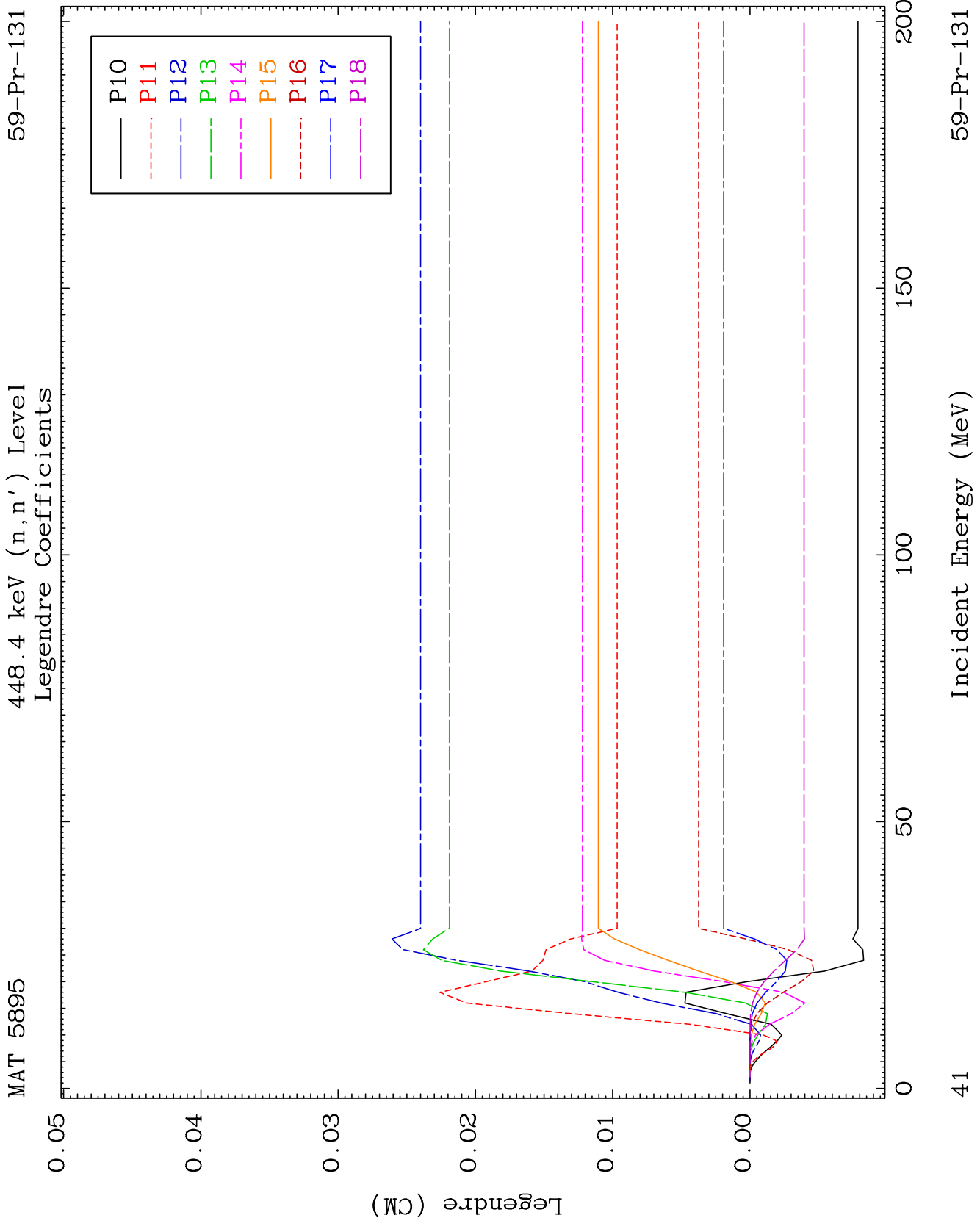
MAT 5895

448.4 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



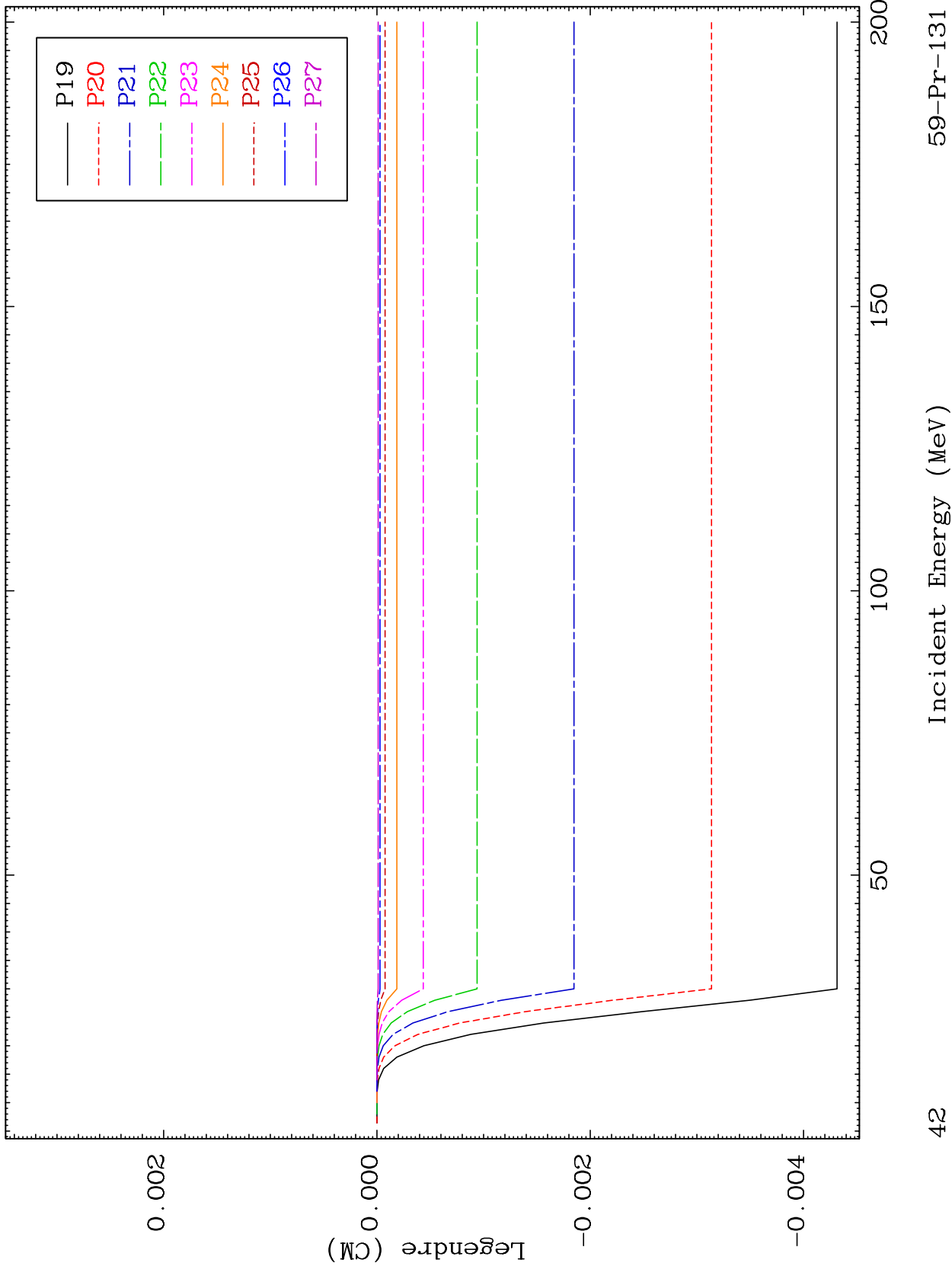
59-Pr-131



MAT 5895

448.4 keV (n,n') Level  
Legendre Coefficients

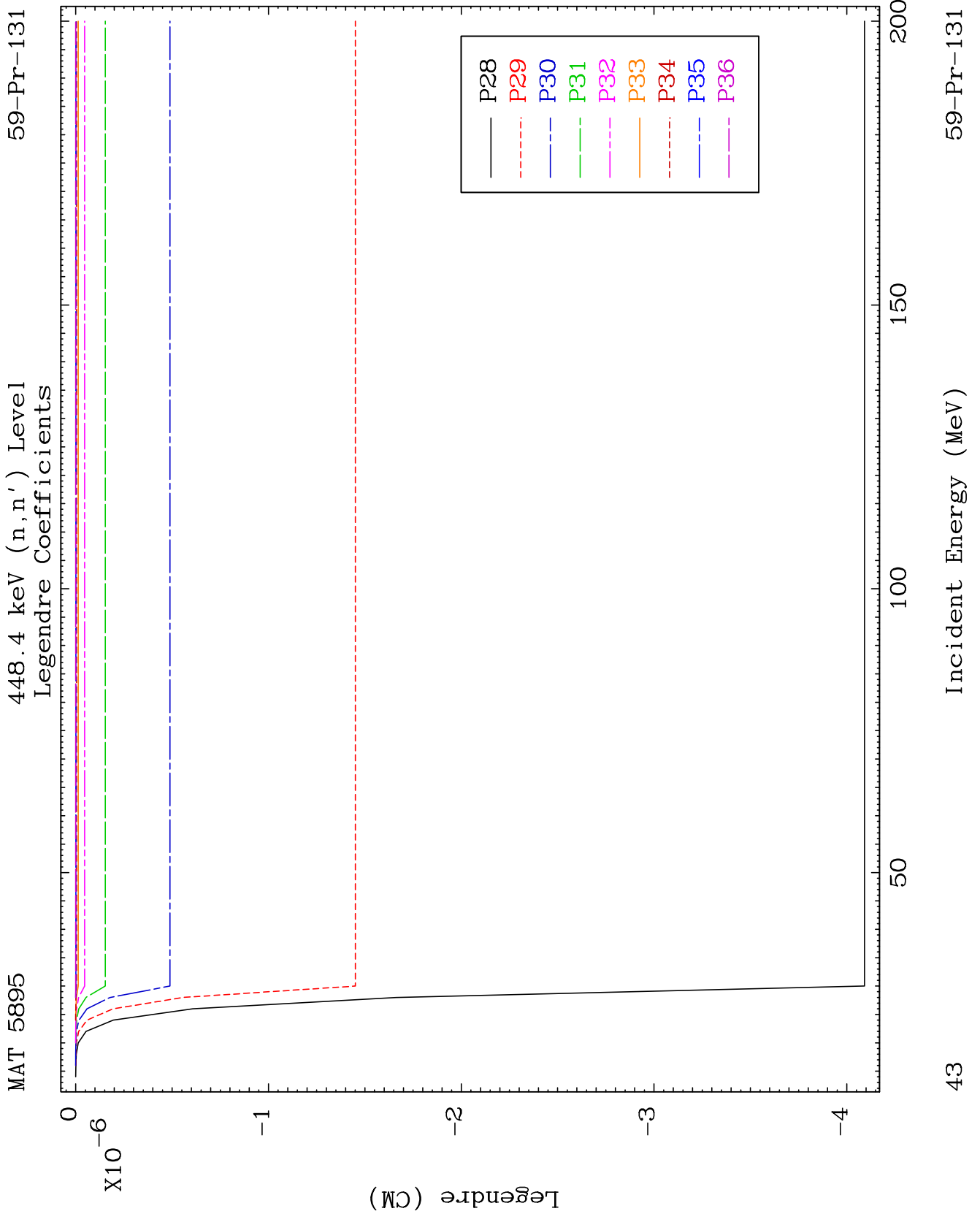
59-Pr-131



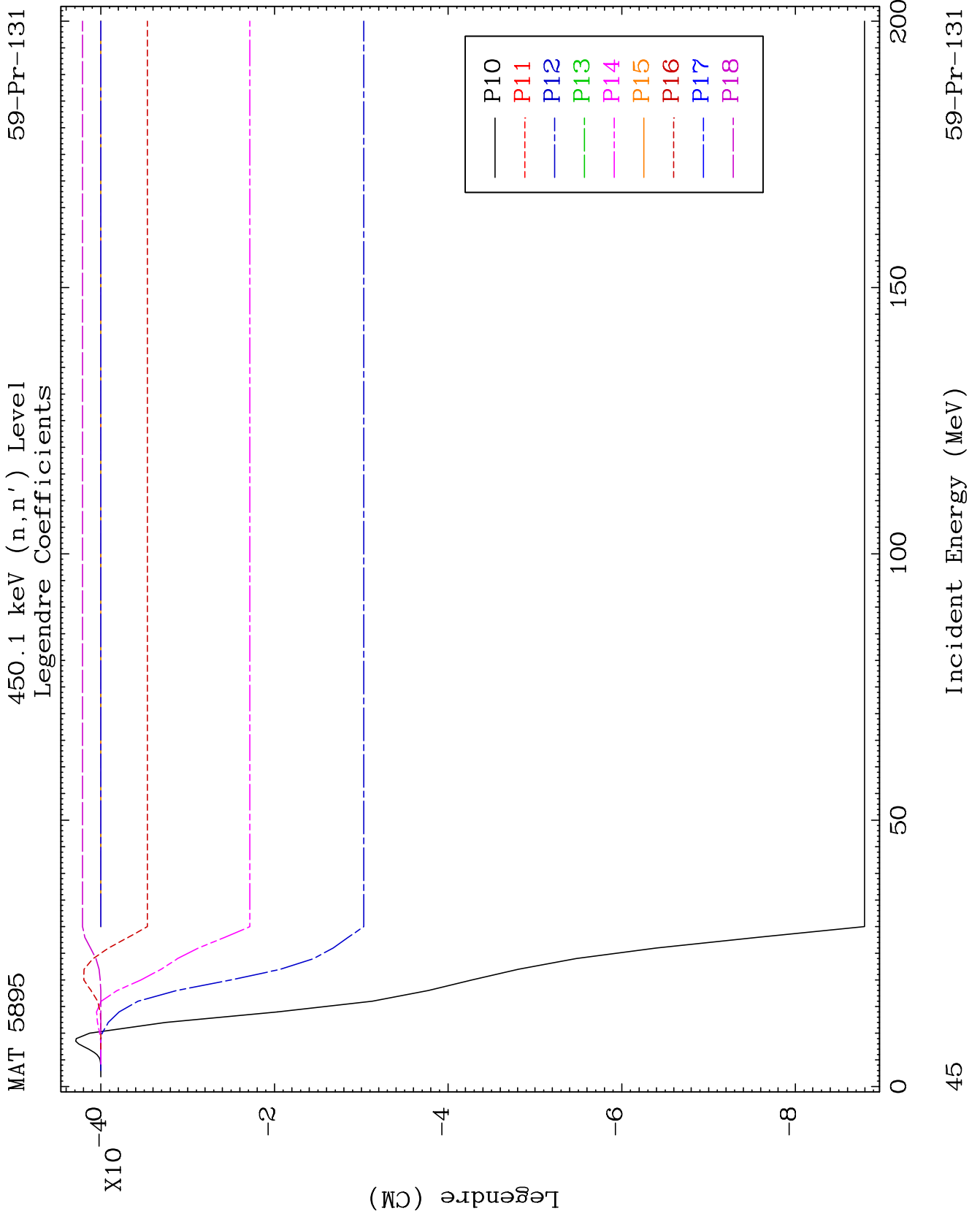
42

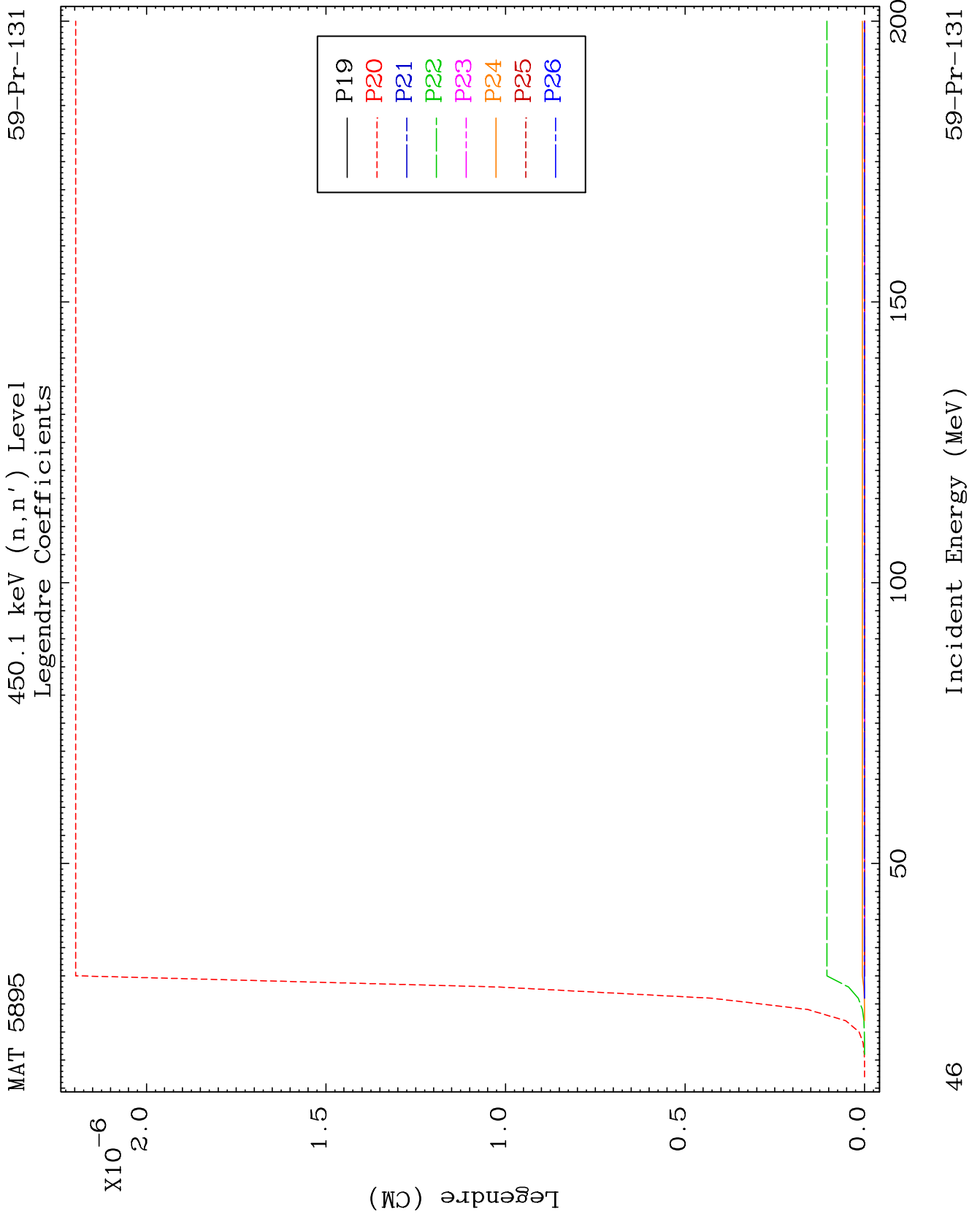
Incident Energy (MeV)

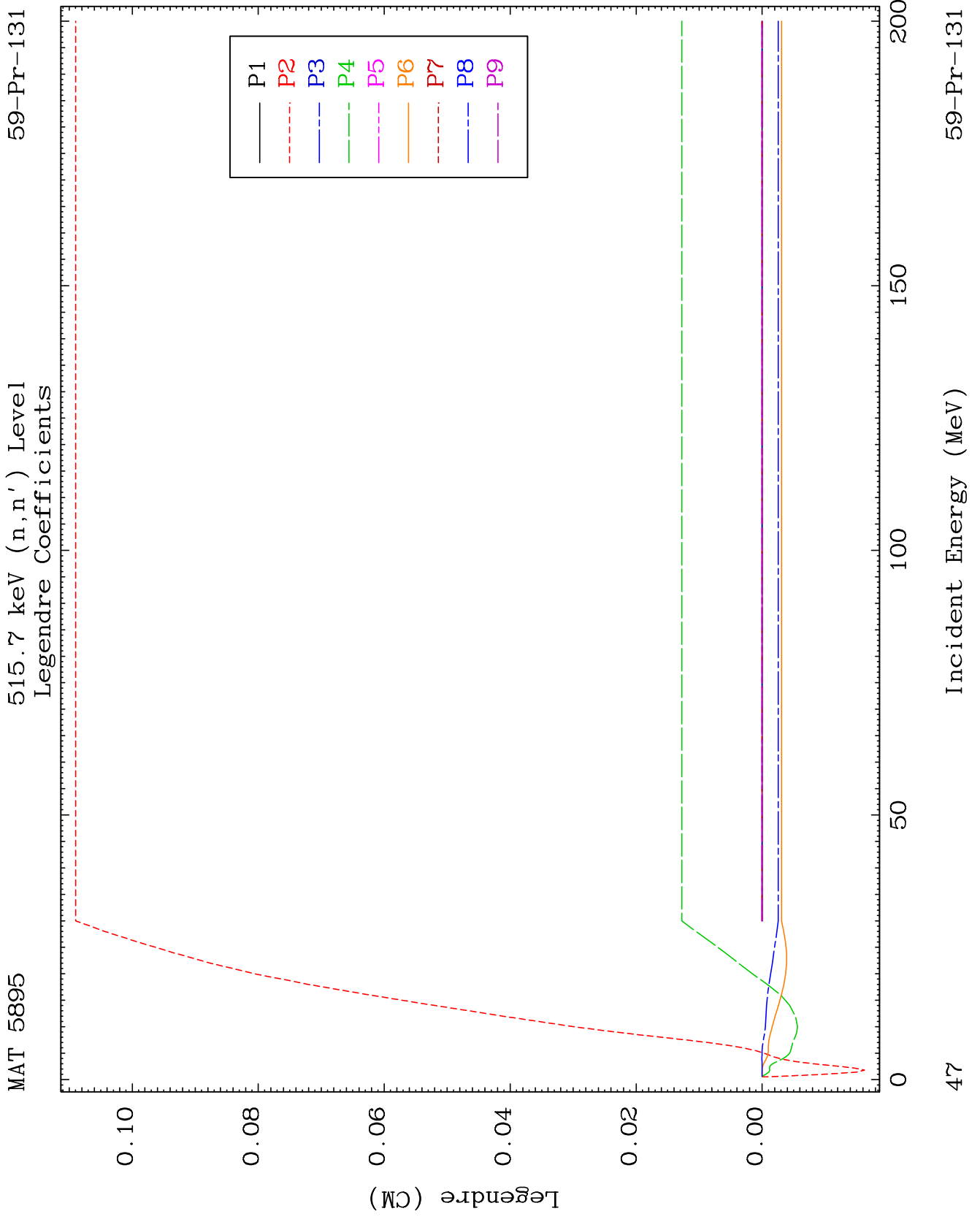
59-Pr-131



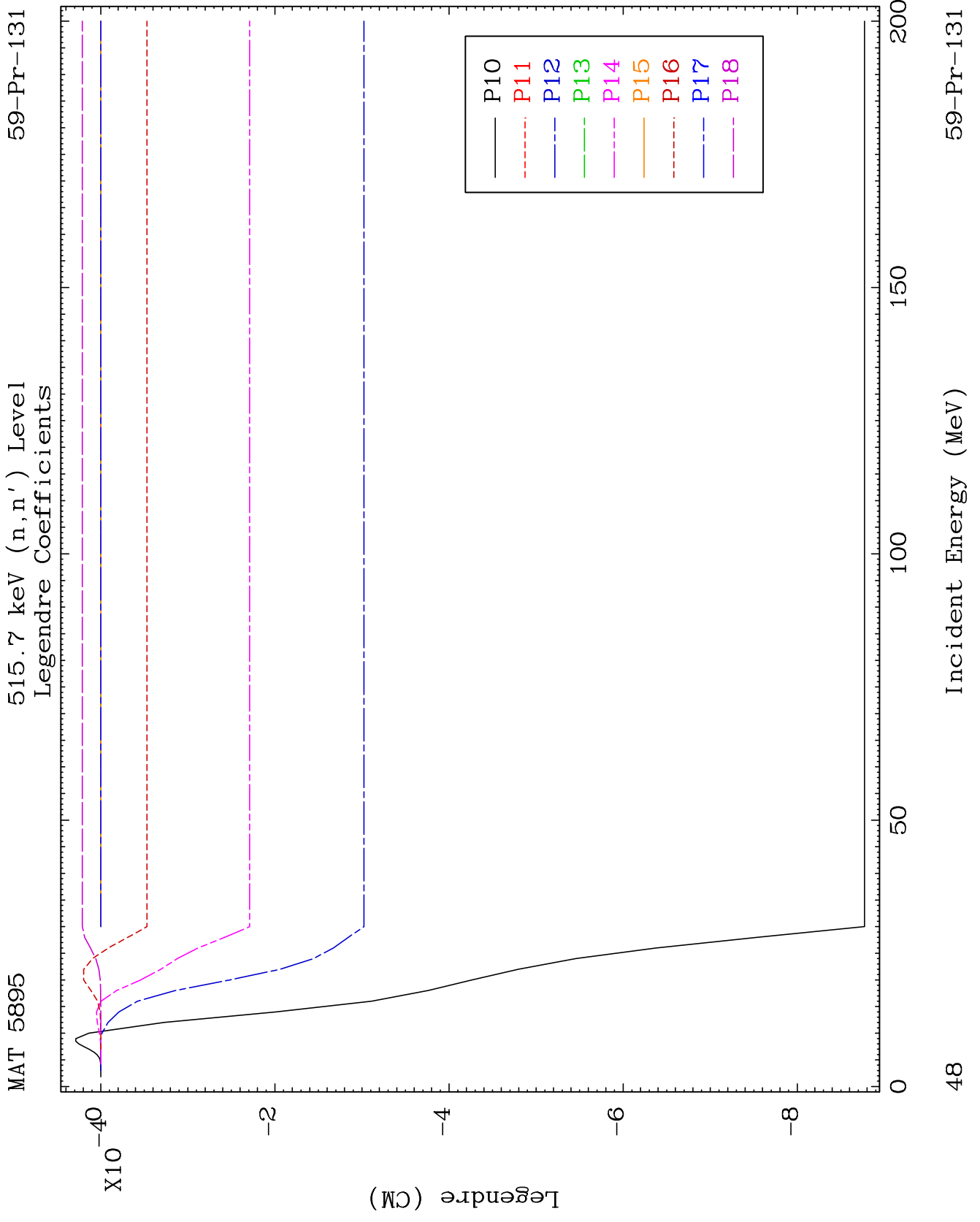


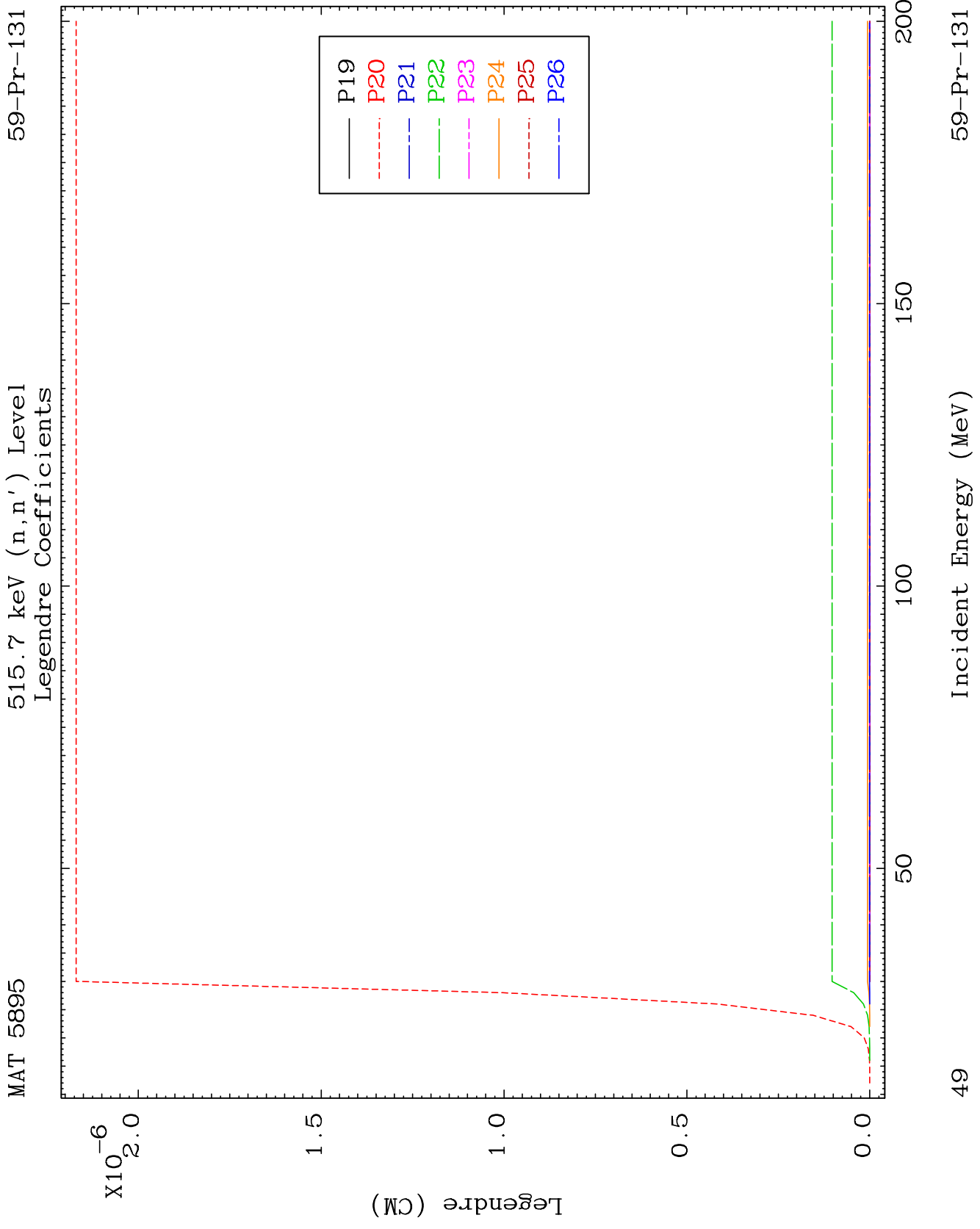








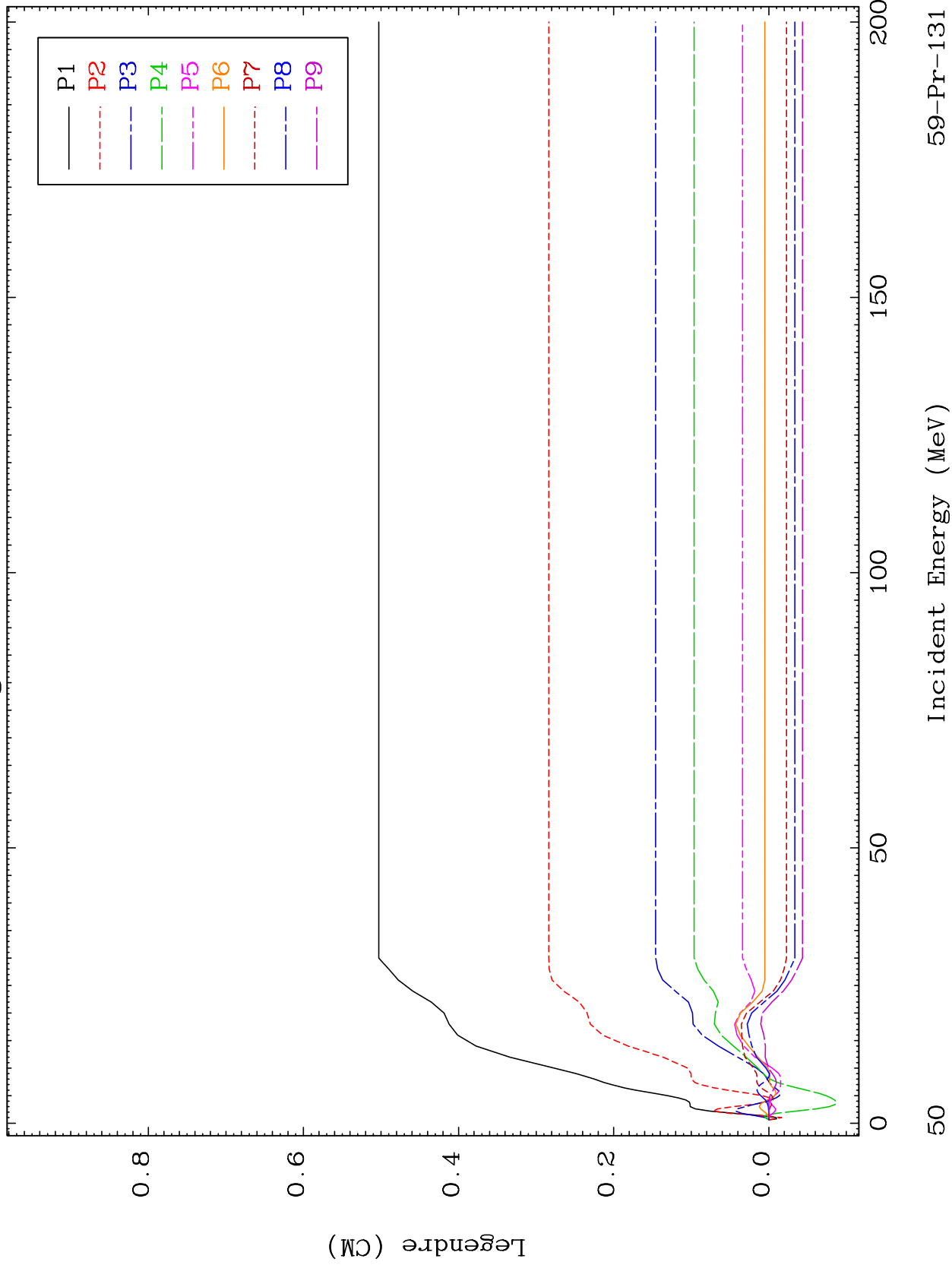




MAT 5895

556.9 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



59-Pr-131

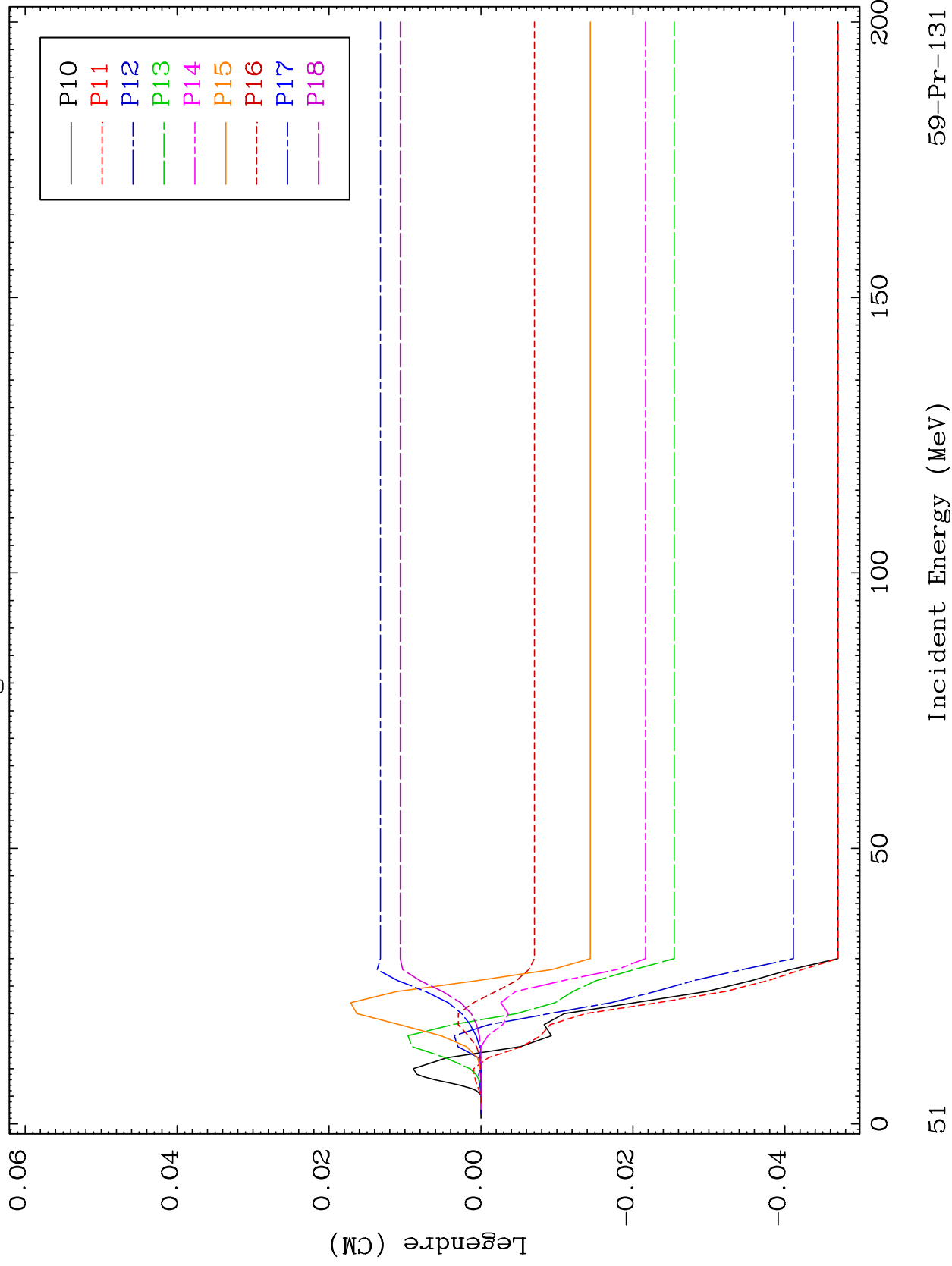
Incident Energy (MeV)

50

MAT 5895

556.9 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



51

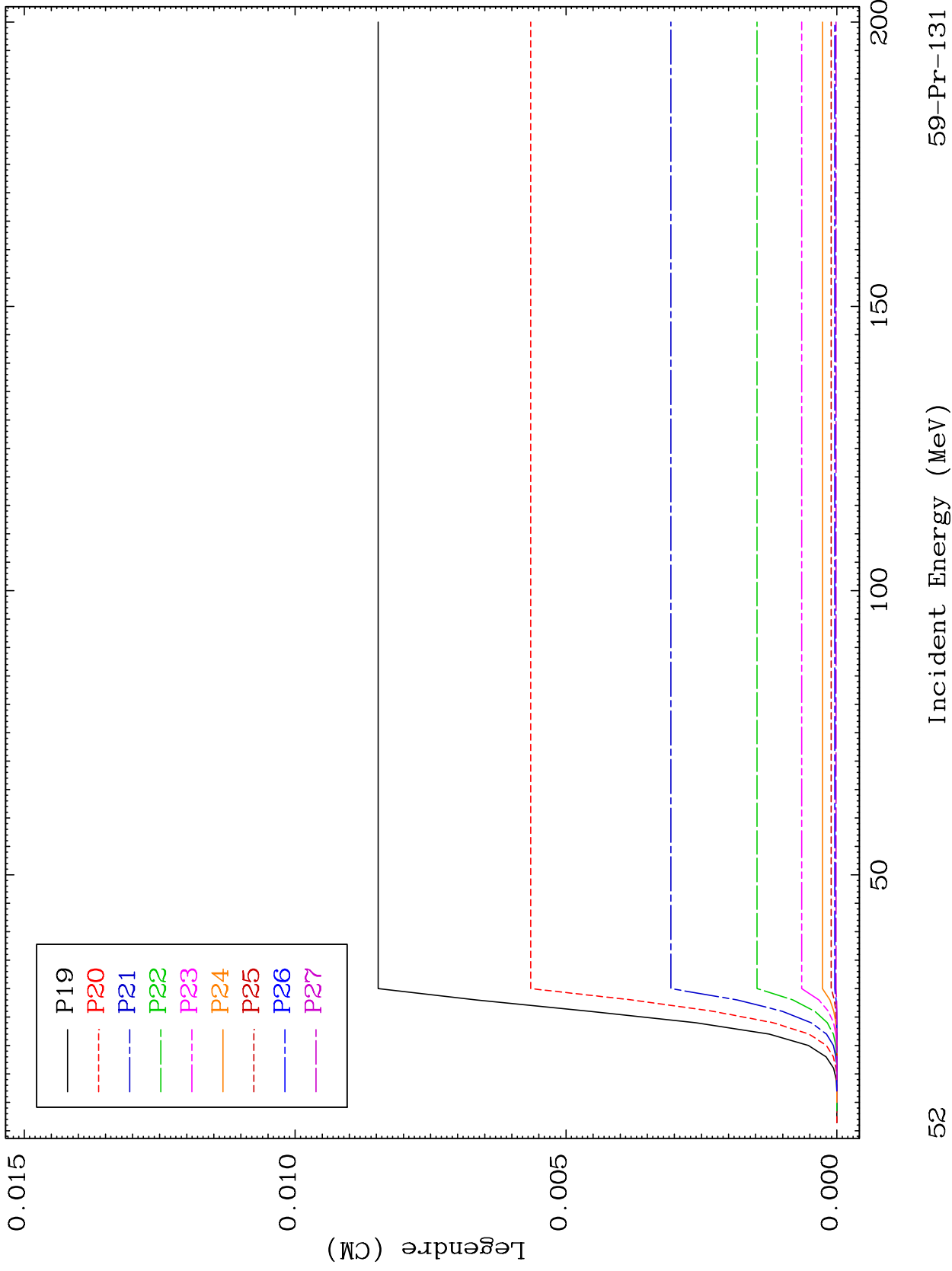
Incident Energy (MeV)

59-Pr-131

MAT 5895

556.9 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



59-Pr-131

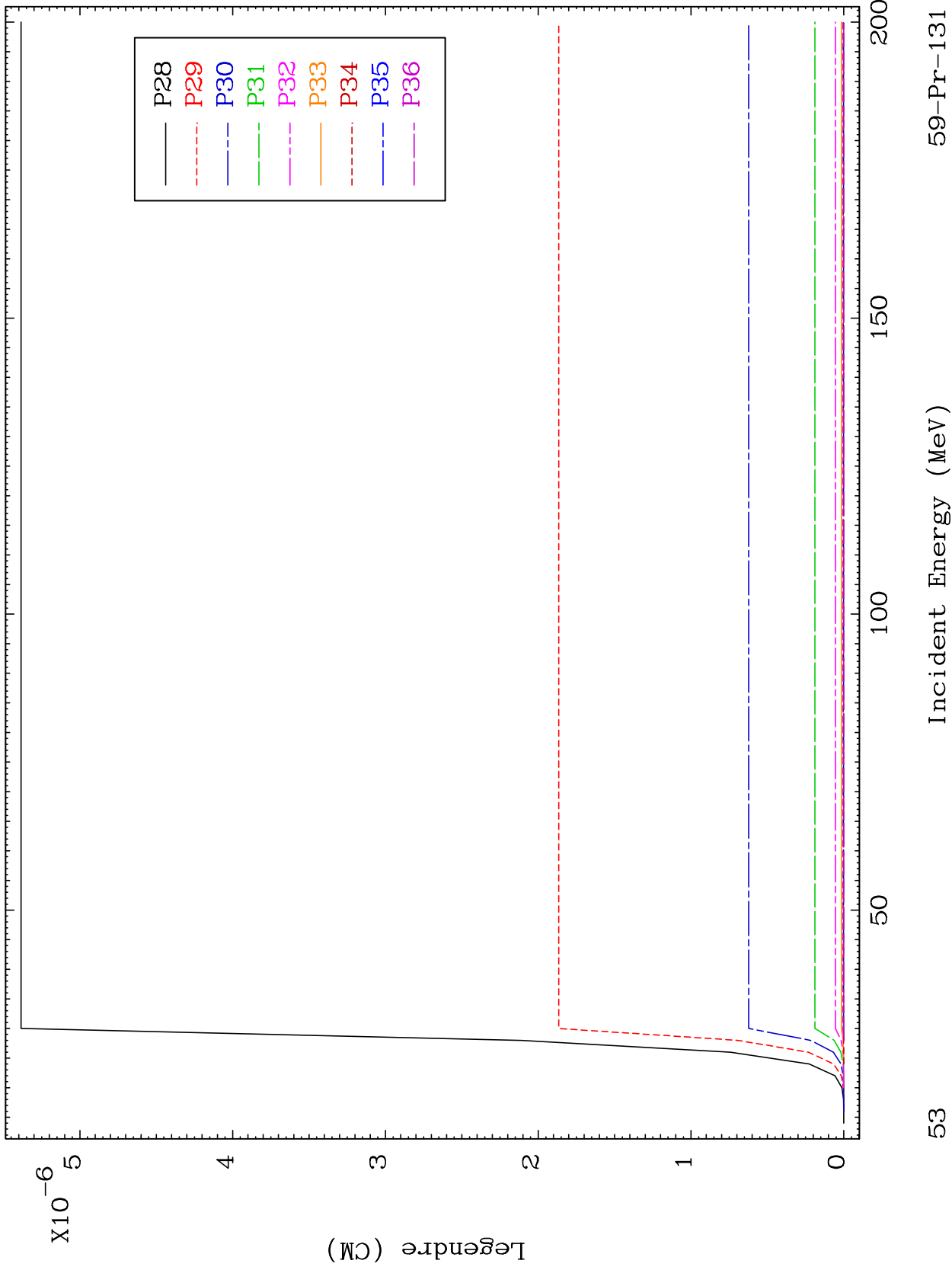
Incident Energy (MeV)

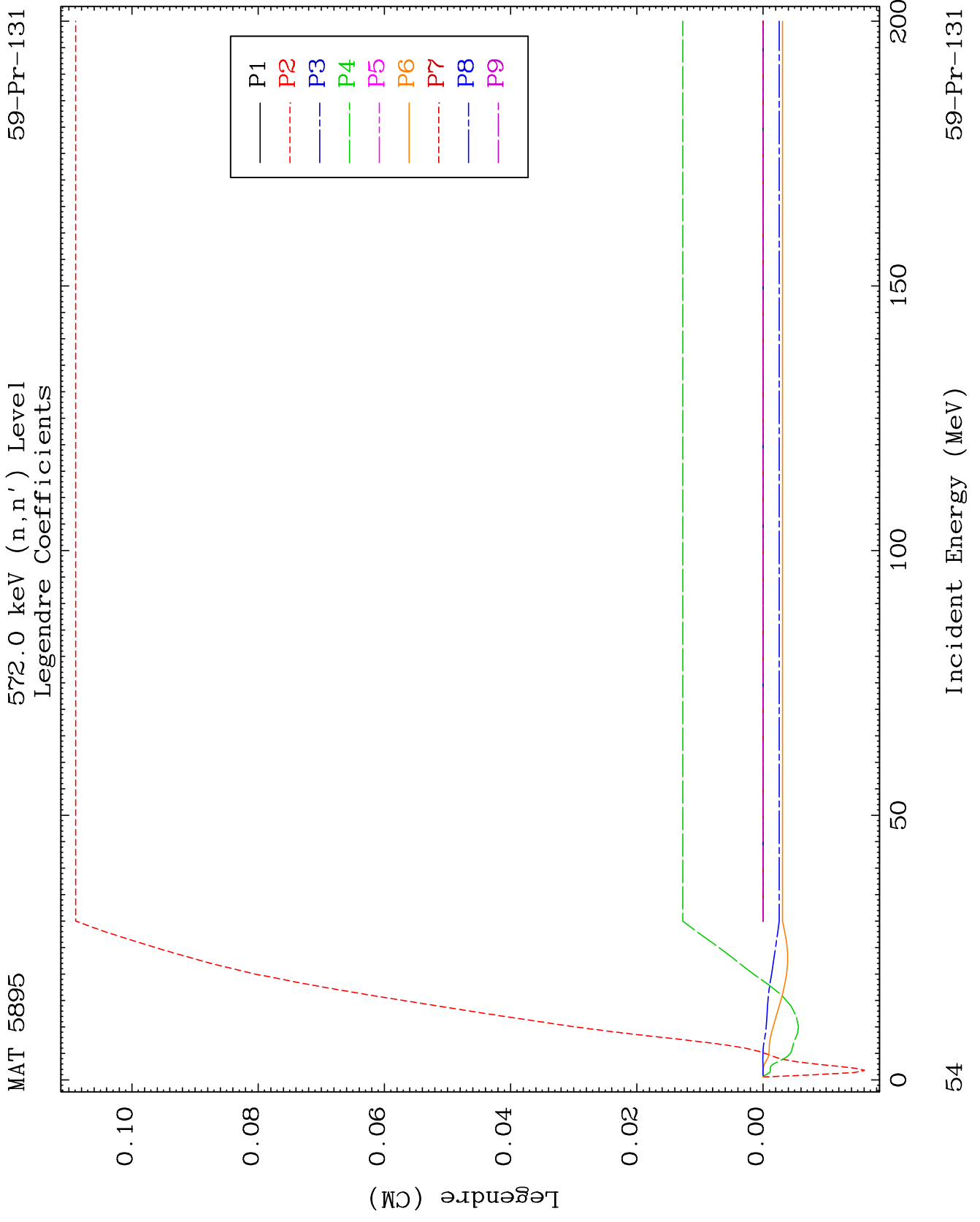
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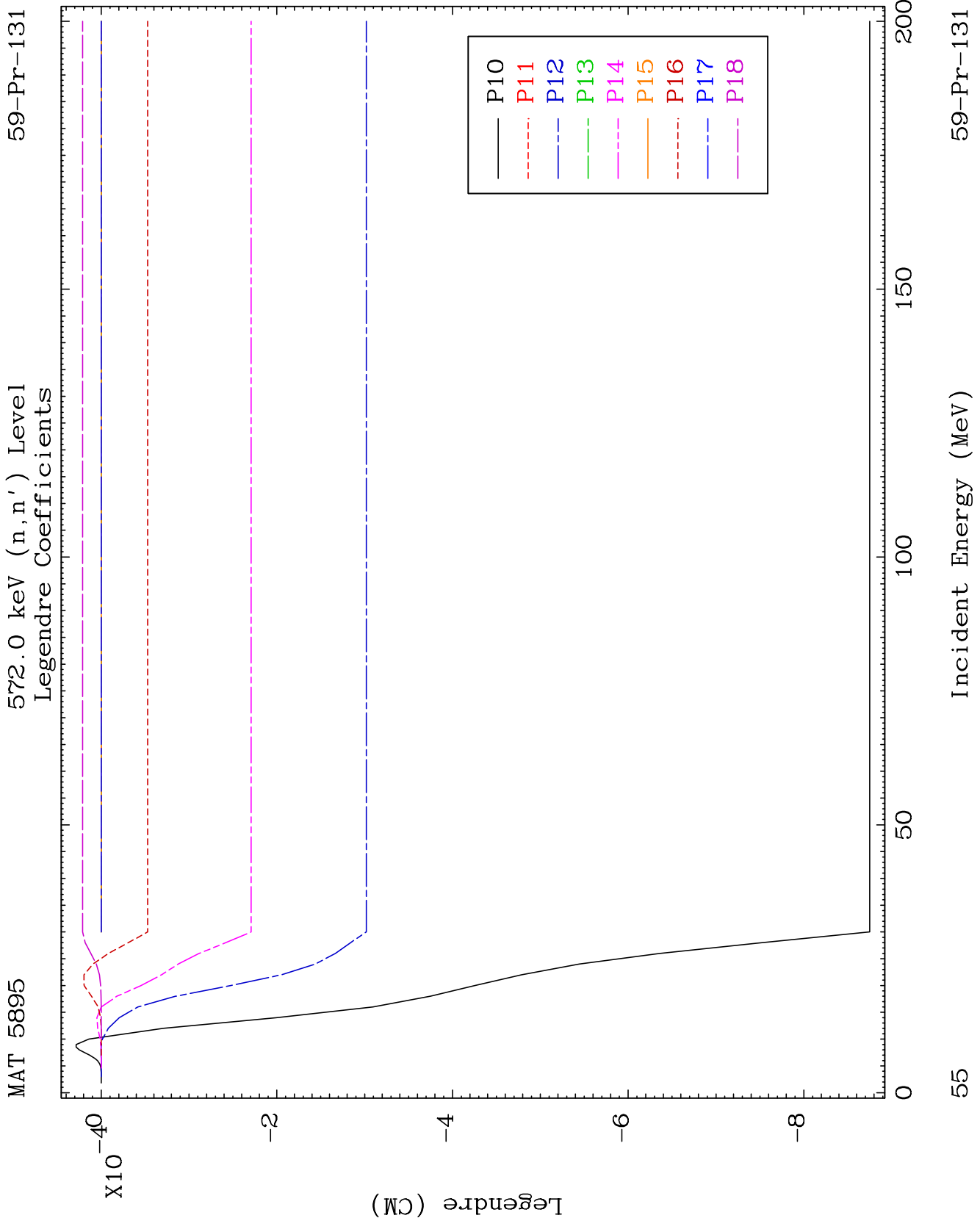
MAT 5895

556.9 keV (n, n') Level  
Legendre Coefficients

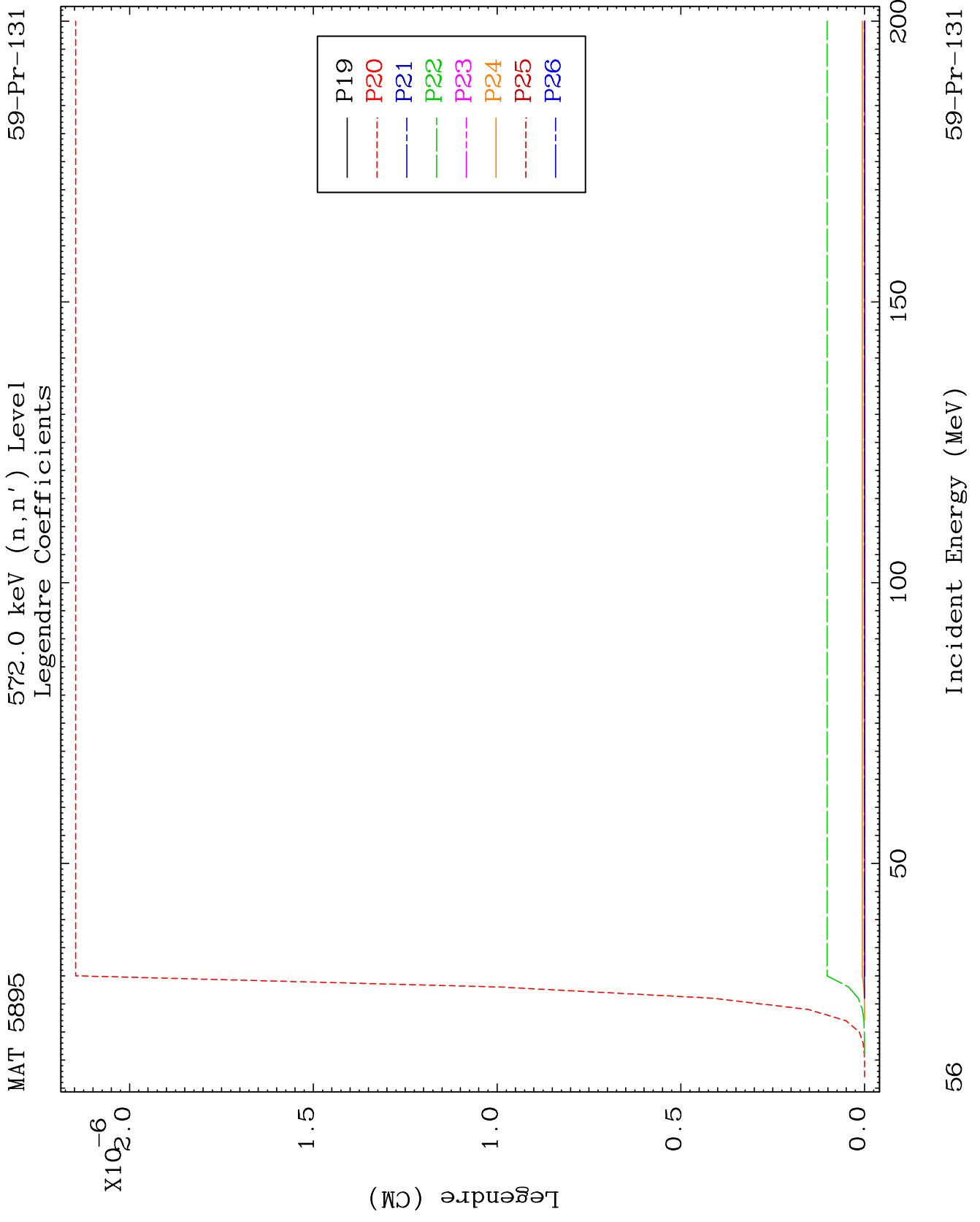
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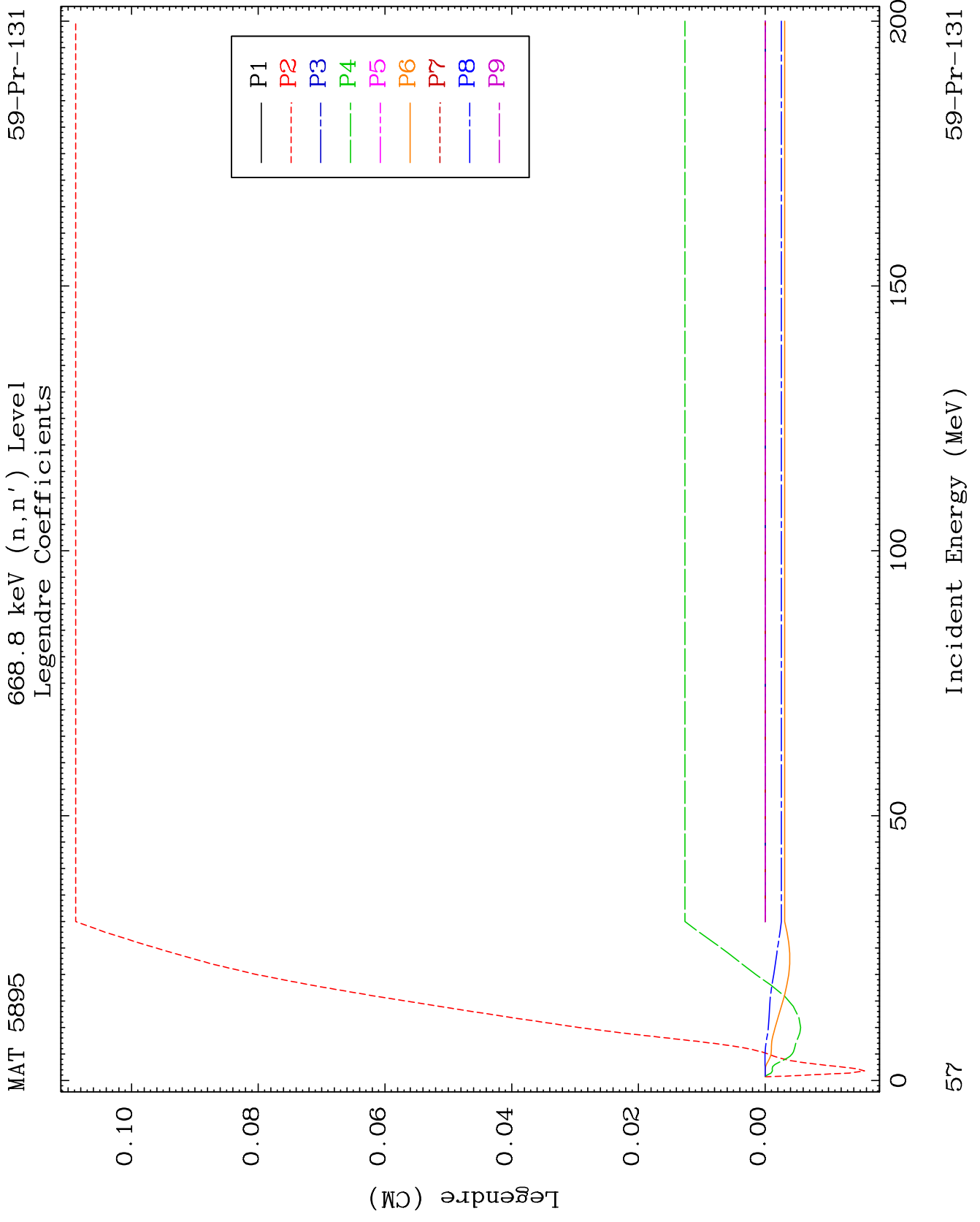


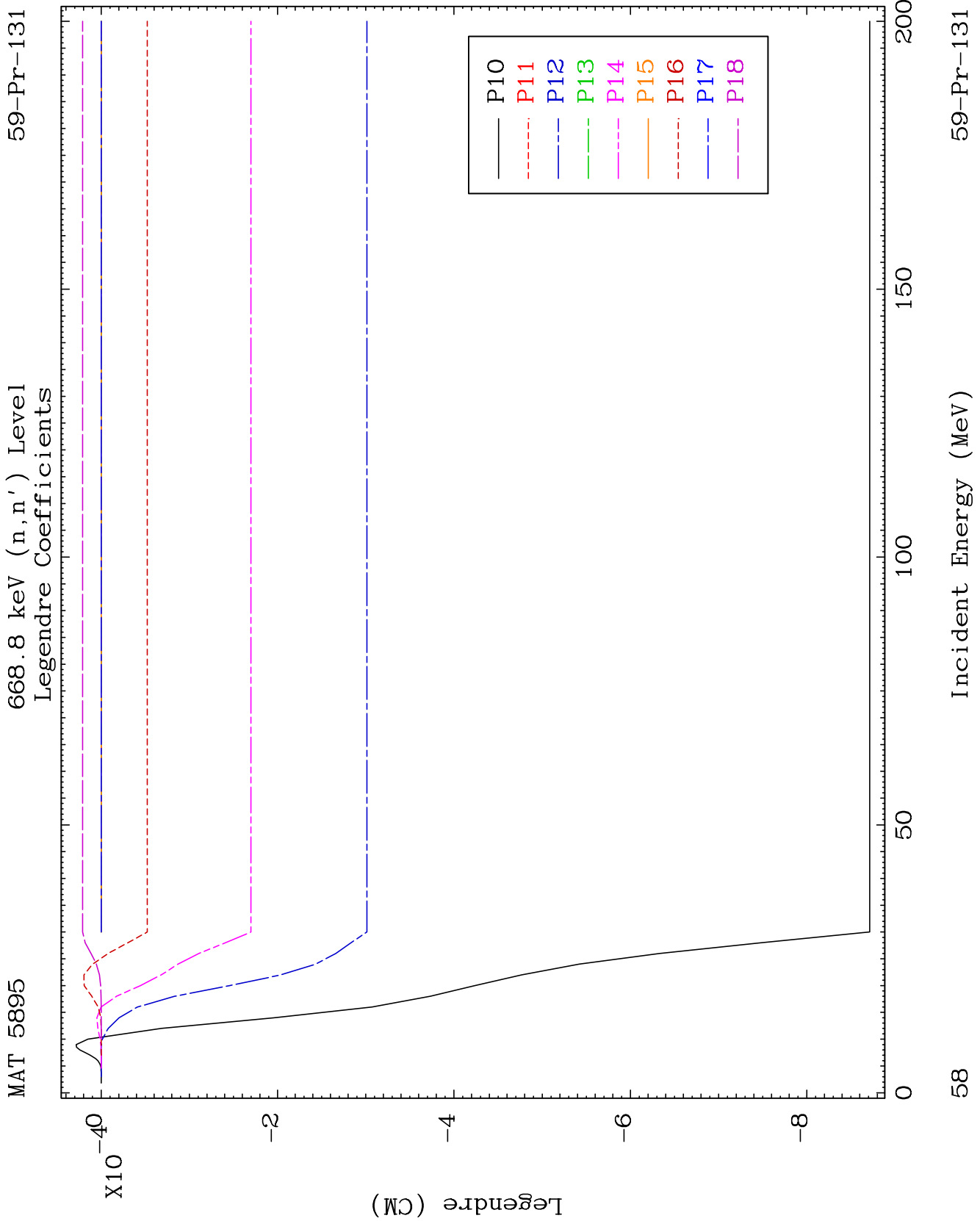


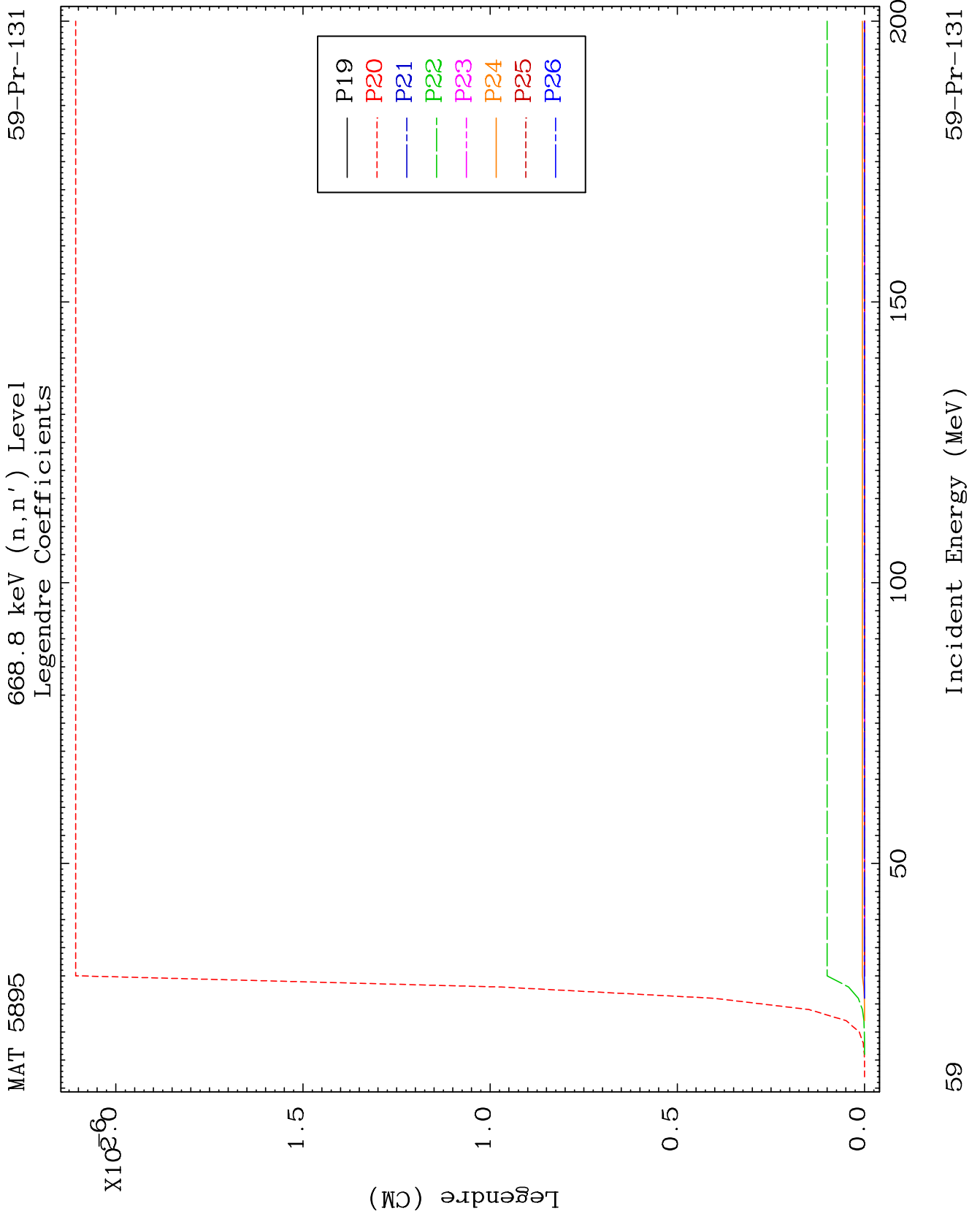










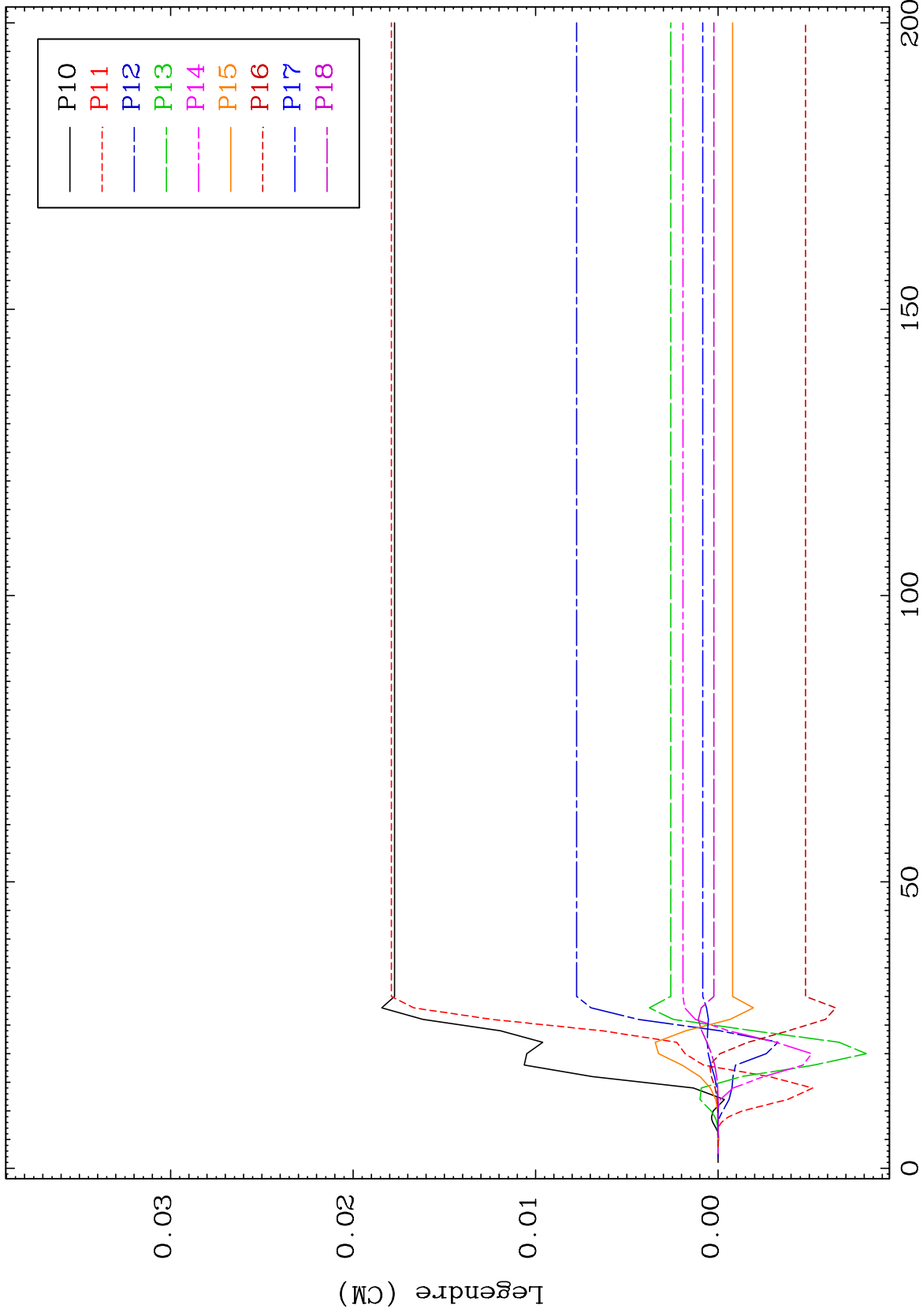




MAT 5895

679.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



61

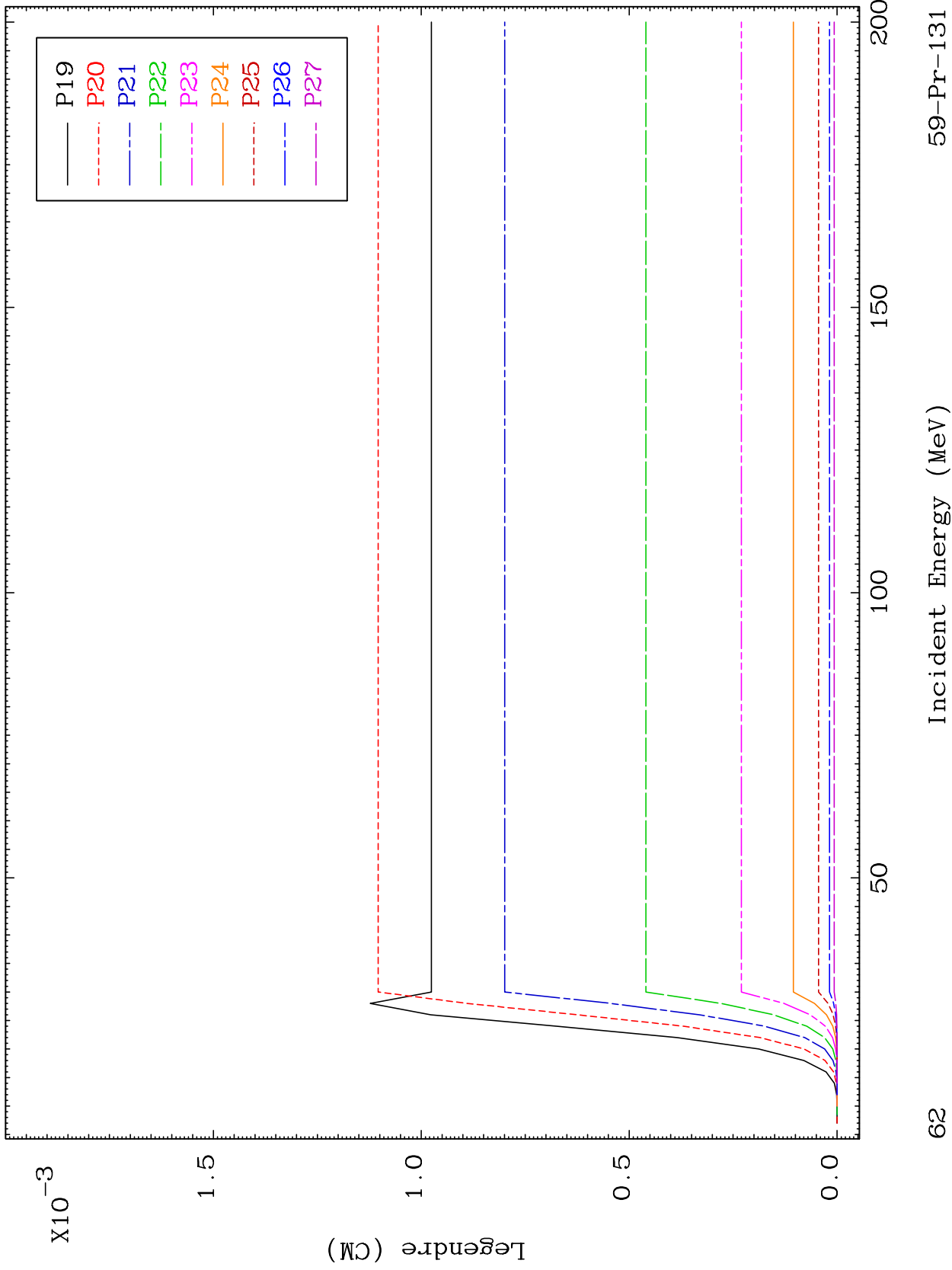
Incident Energy (MeV)

59-Pr-131

MAT 5895

679.6 keV (n,n') Level  
Legendre Coefficients

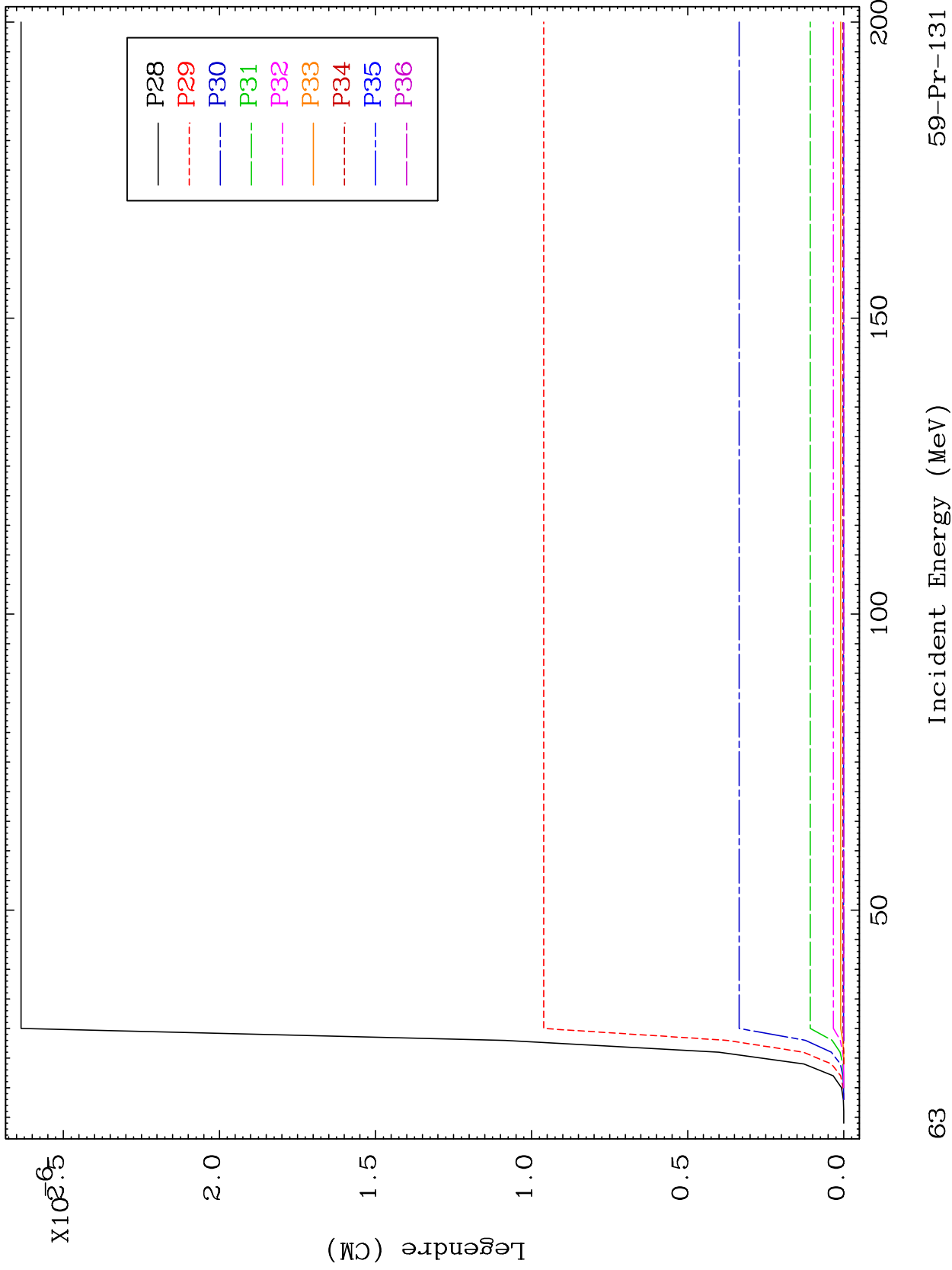
59-Pr-131



MAT 5895

679.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



63

Incident Energy (MeV)

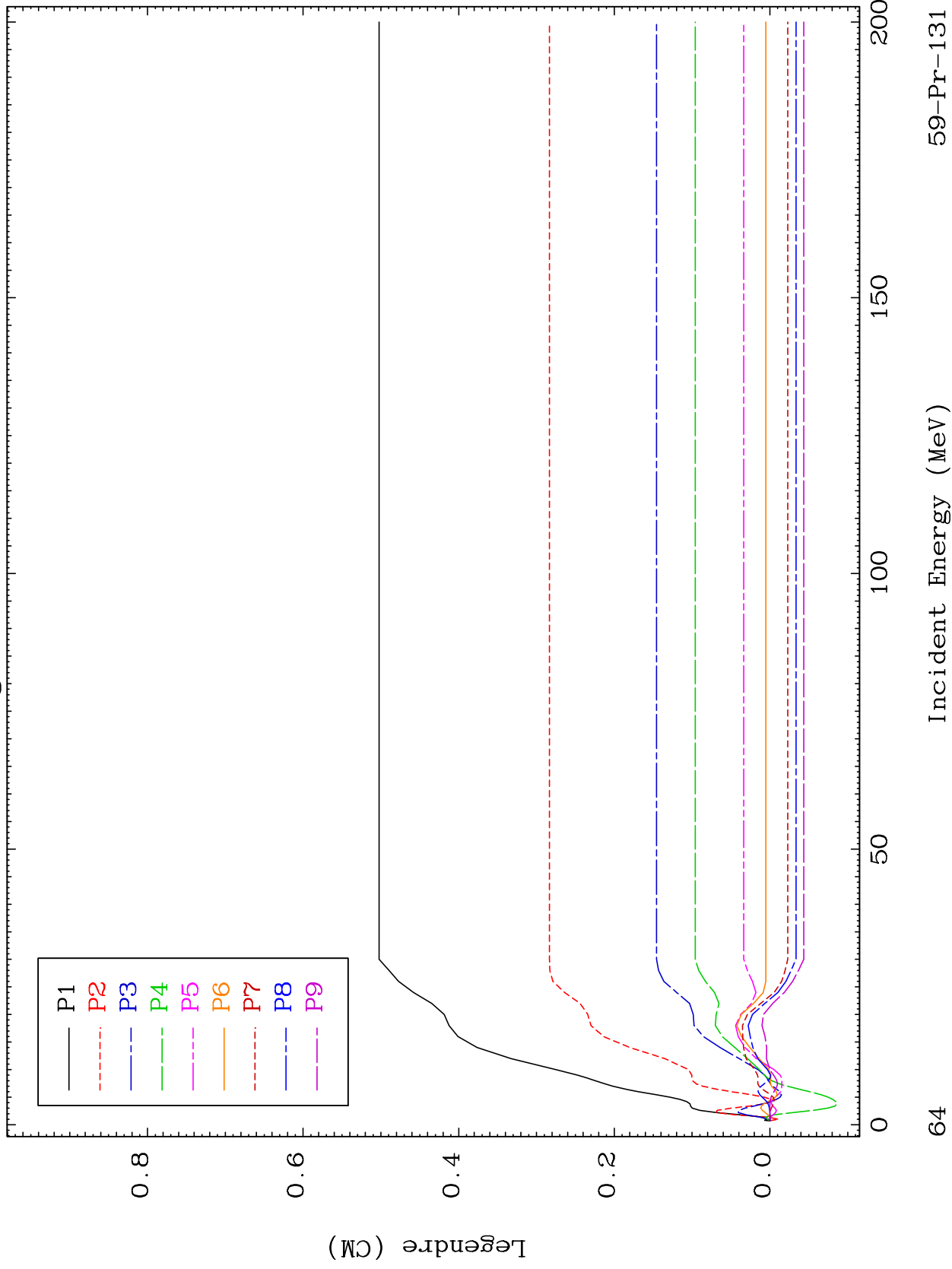
59-Pr-131



MAT 5895

681.0 keV (n,n') Level  
Legendre Coefficients

59-Pr-131

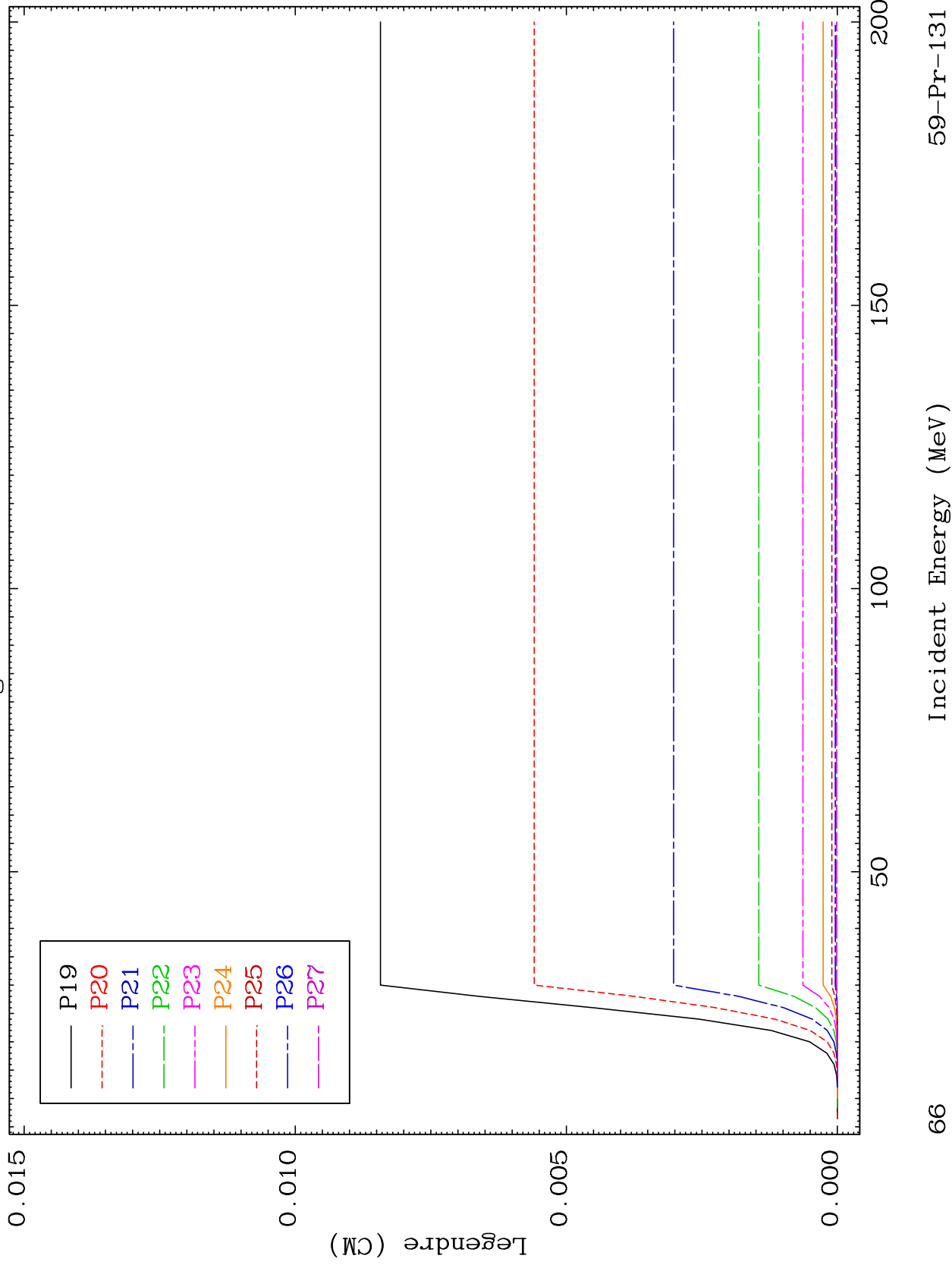


59-Pr-131

Incident Energy (MeV)

64

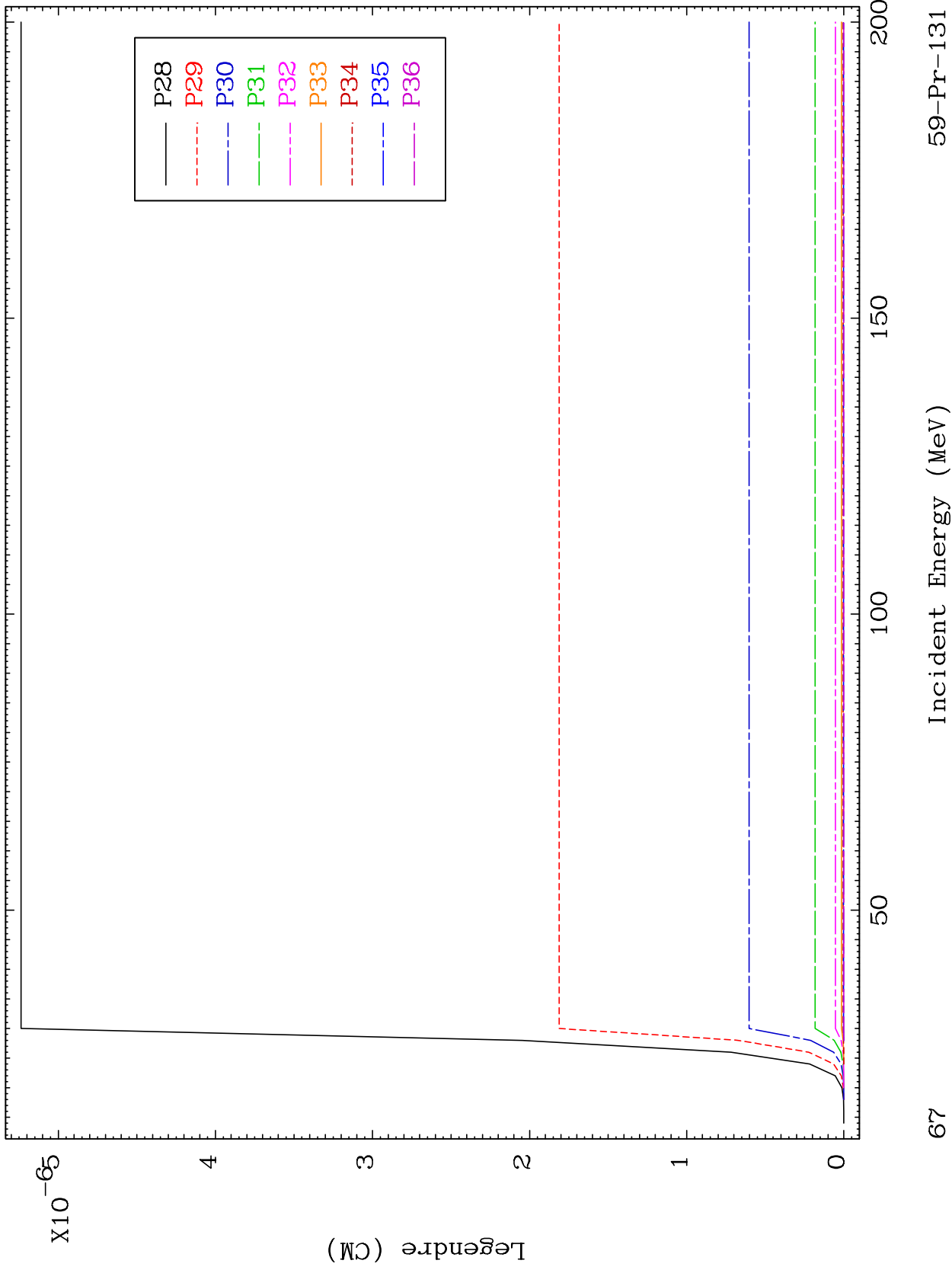




MAT 5895

681.0 keV (n,n') Level  
Legendre Coefficients

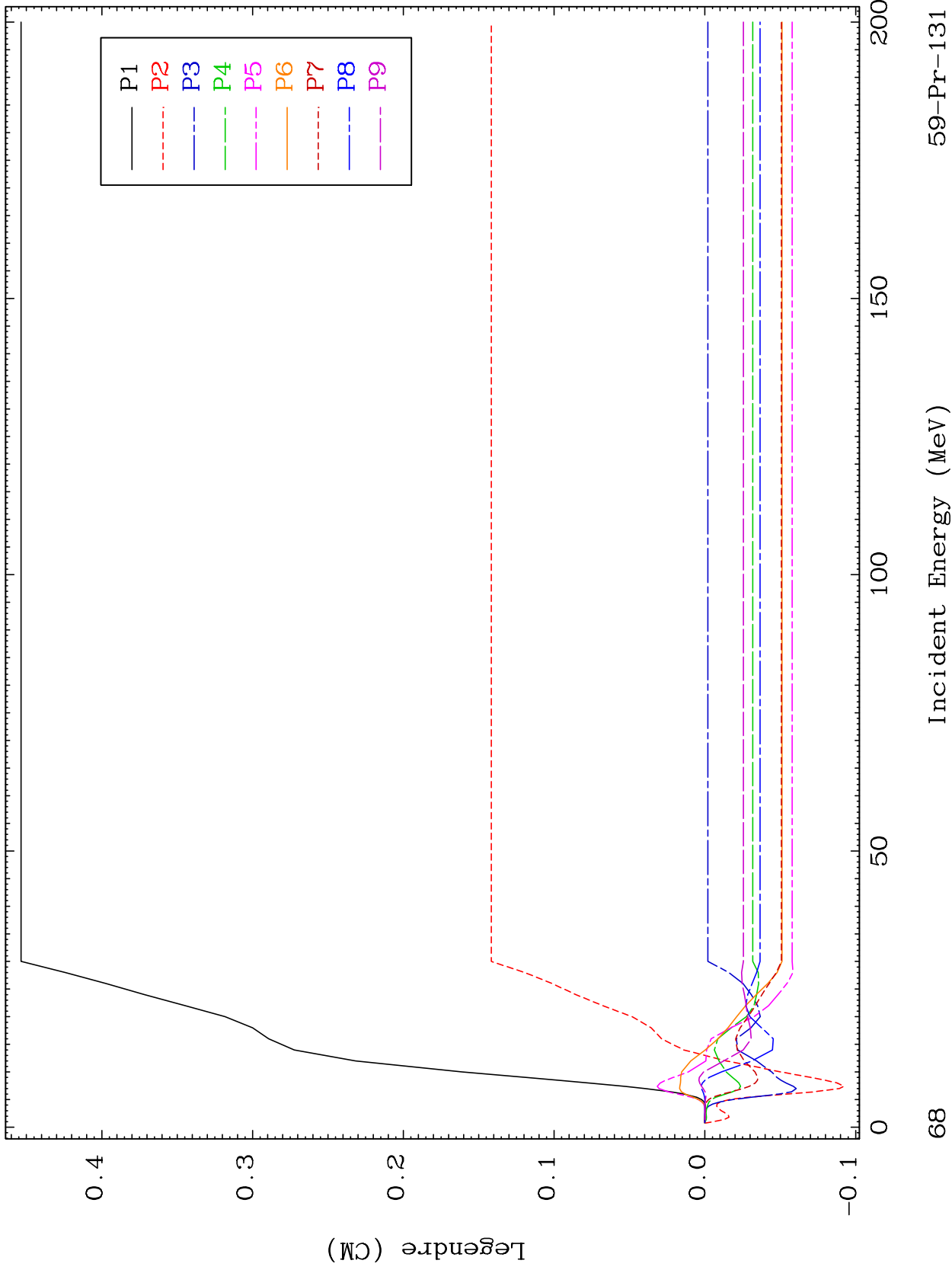
59-Pr-131



MAT 5895

724.1 keV (n,n') Level  
Legendre Coefficients

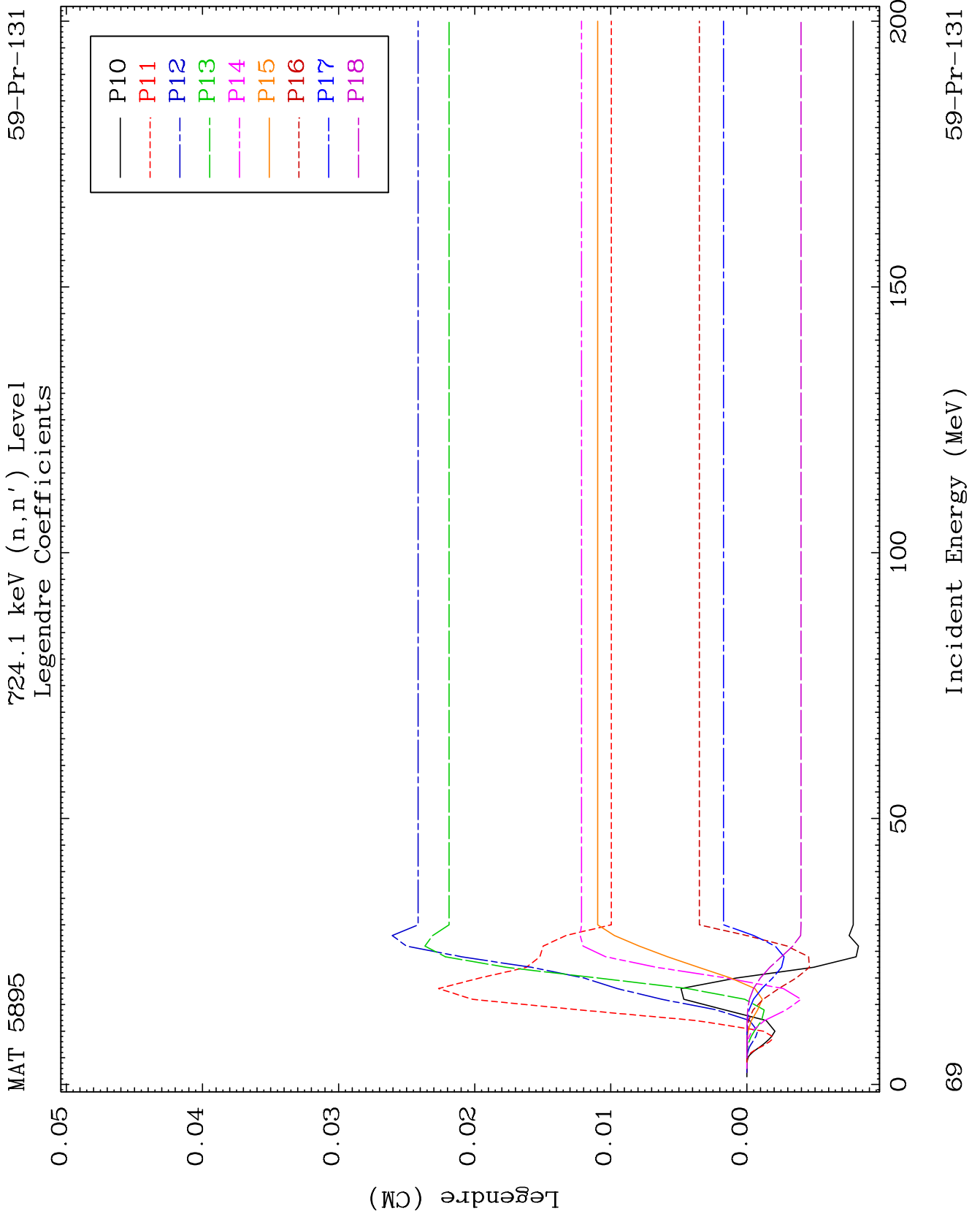
59-Pr-131



68

Incident Energy (MeV)

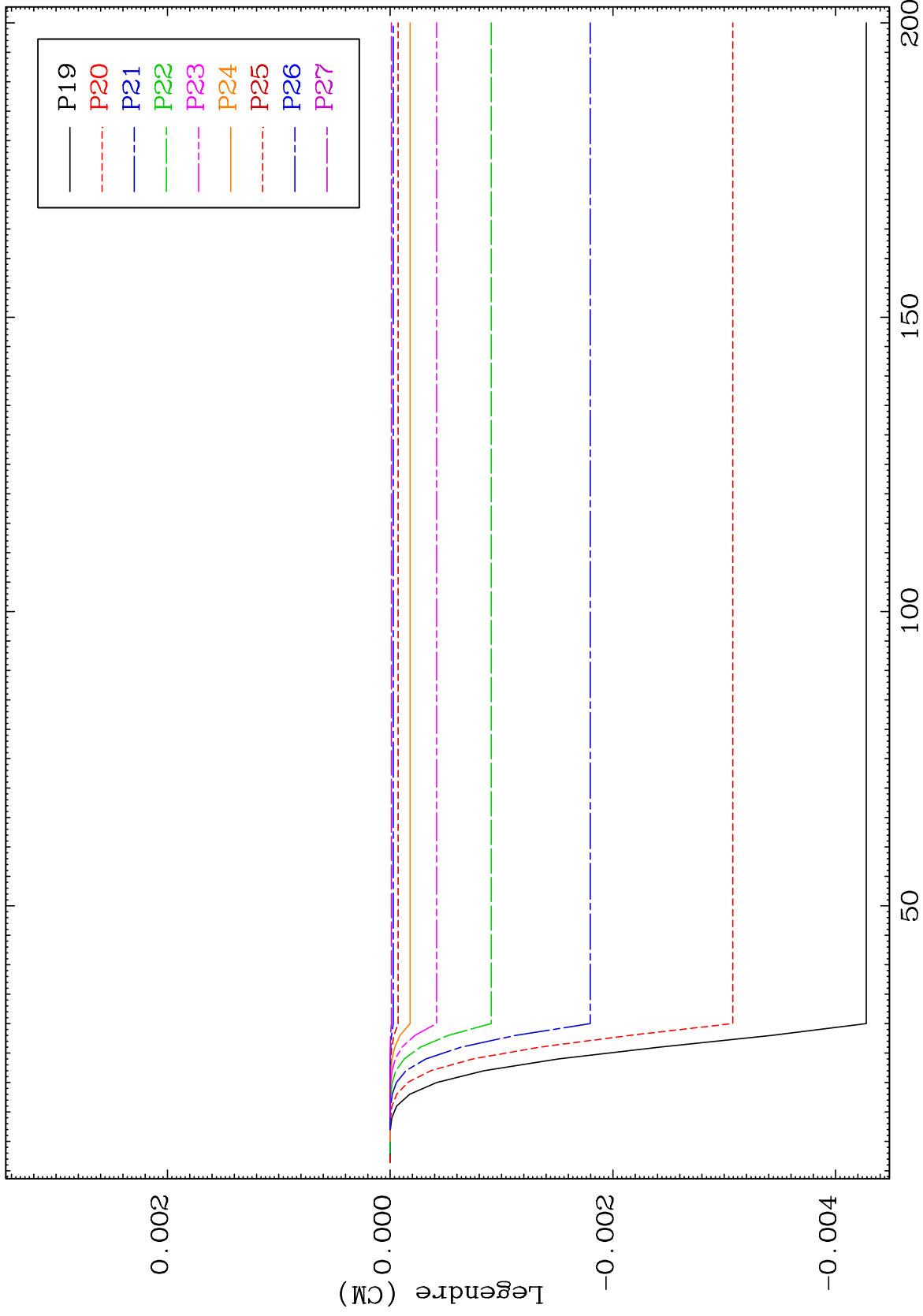
59-Pr-131



MAT 5895

724.1 keV (n,n') Level  
Legendre Coefficients

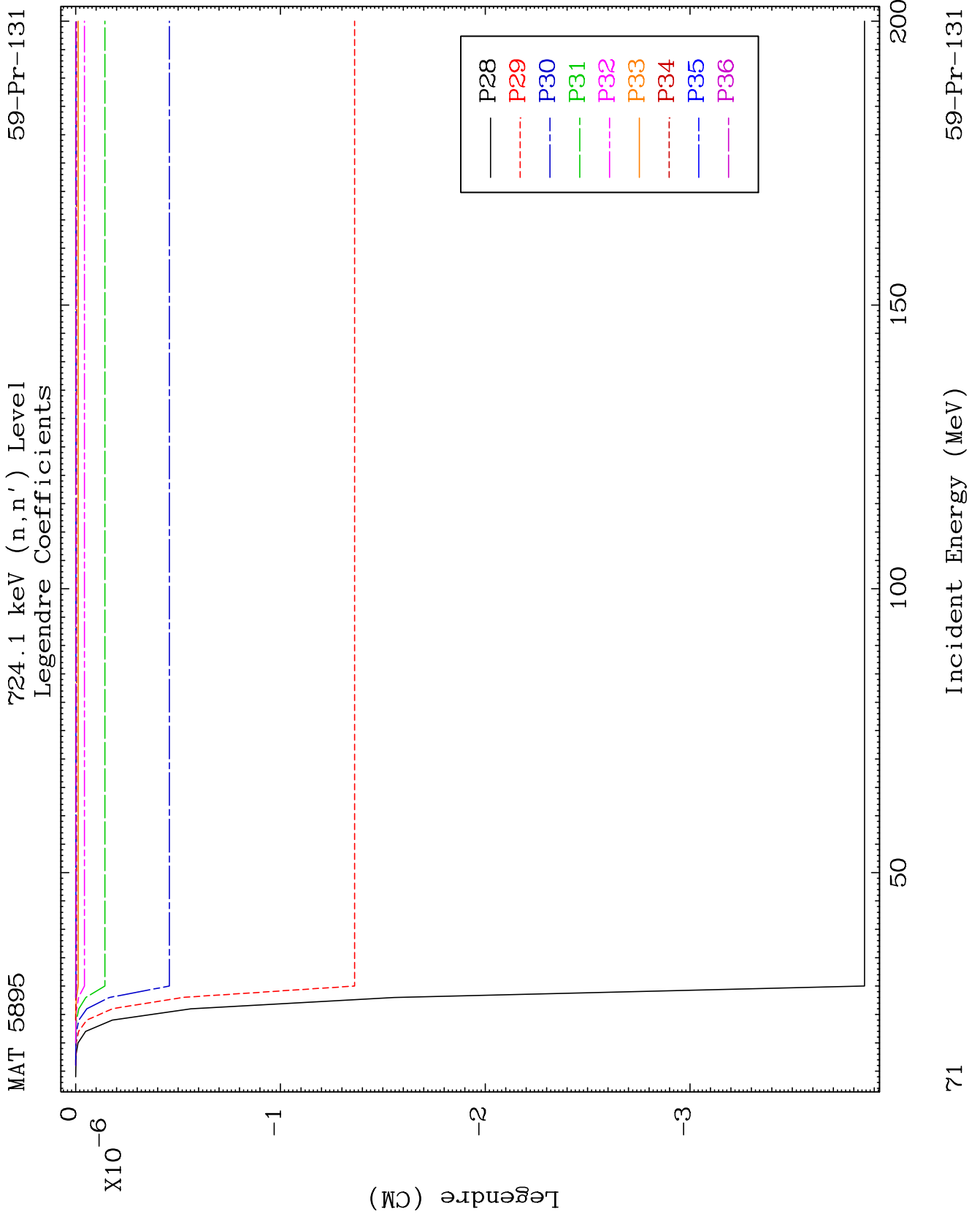
59-Pr-131



70

Incident Energy (MeV)

59-Pr-131

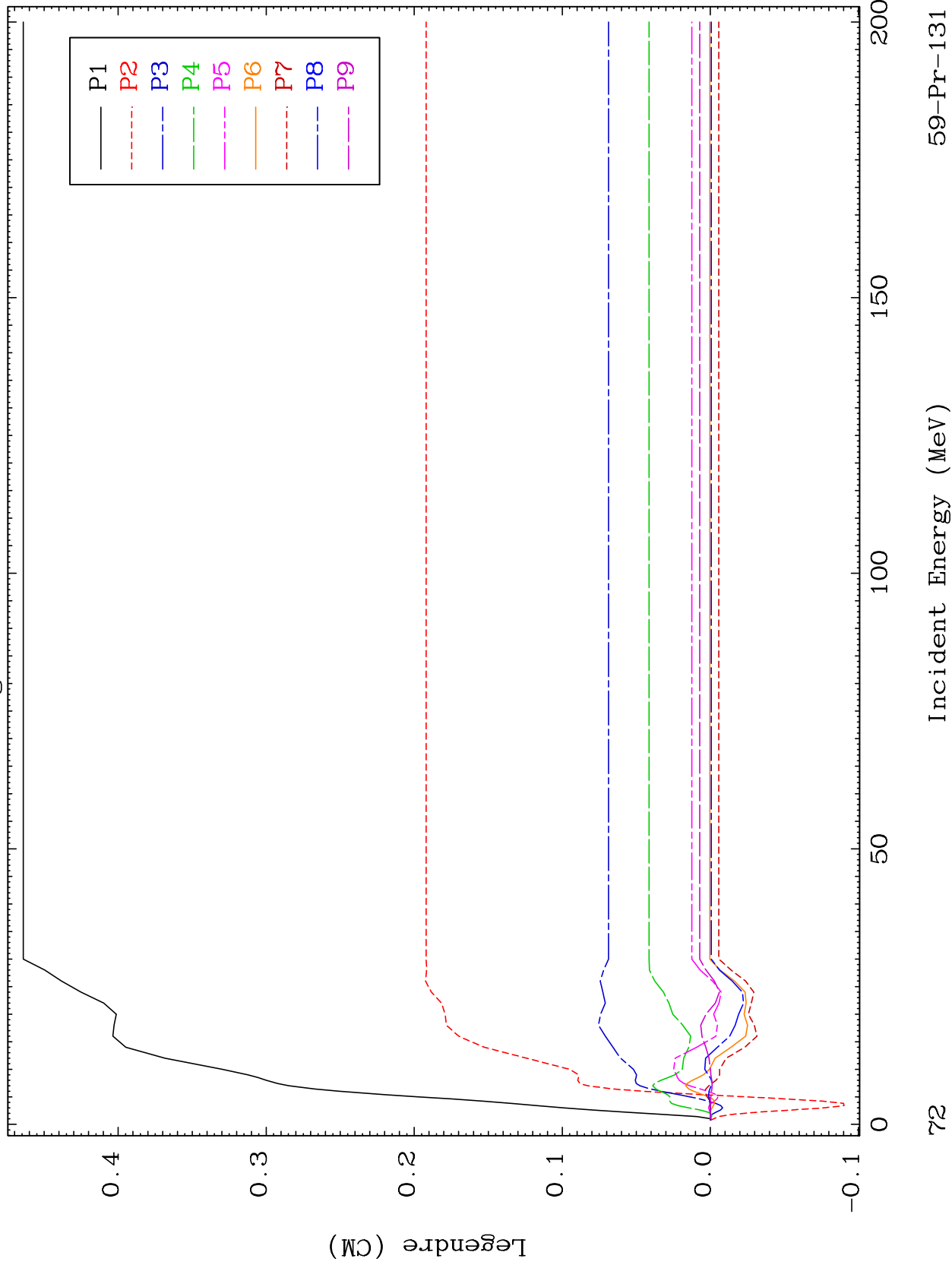




MAT 5895

772.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



59-Pr-131

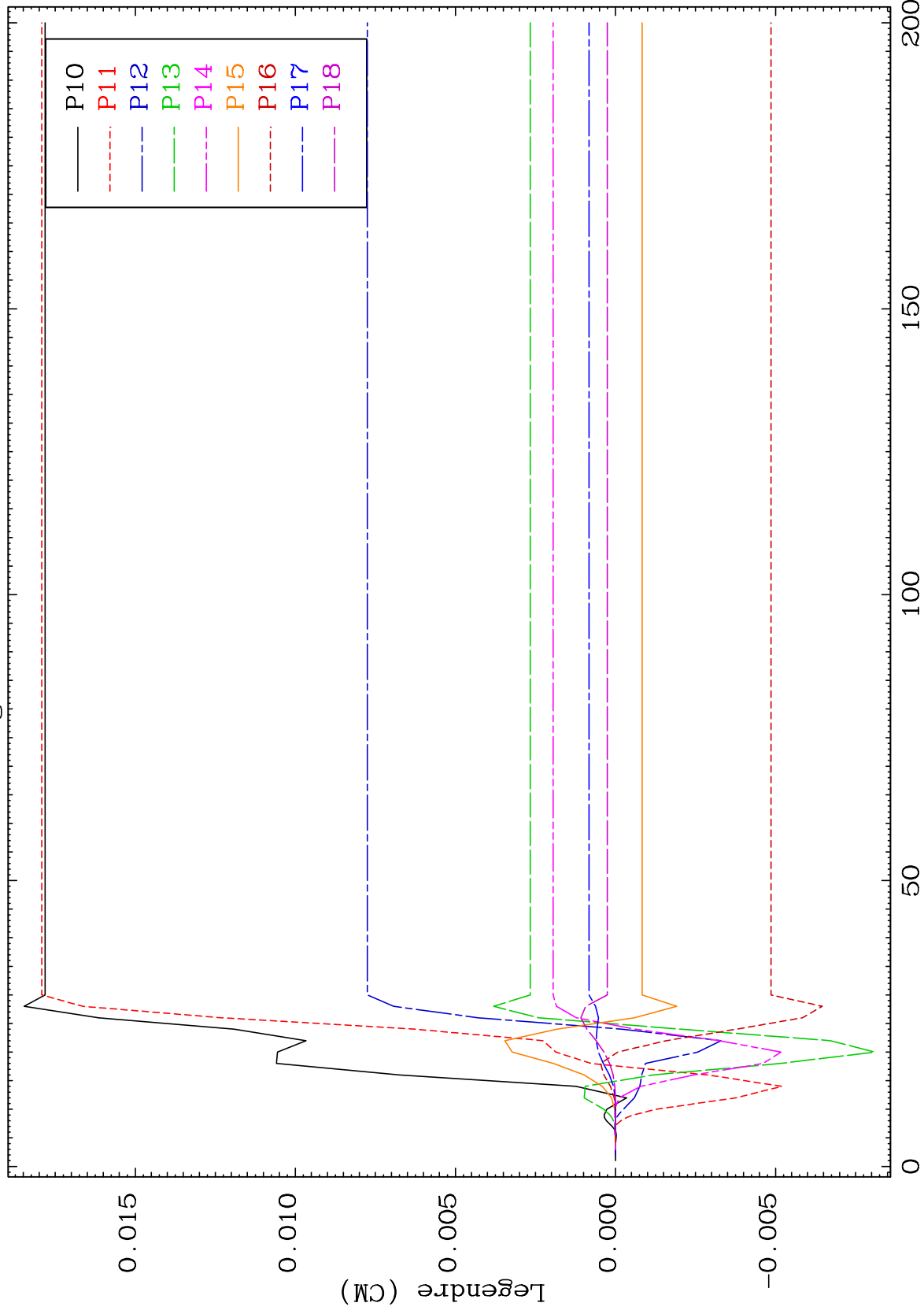
Incident Energy (MeV)

72

MAT 5895

772.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



73

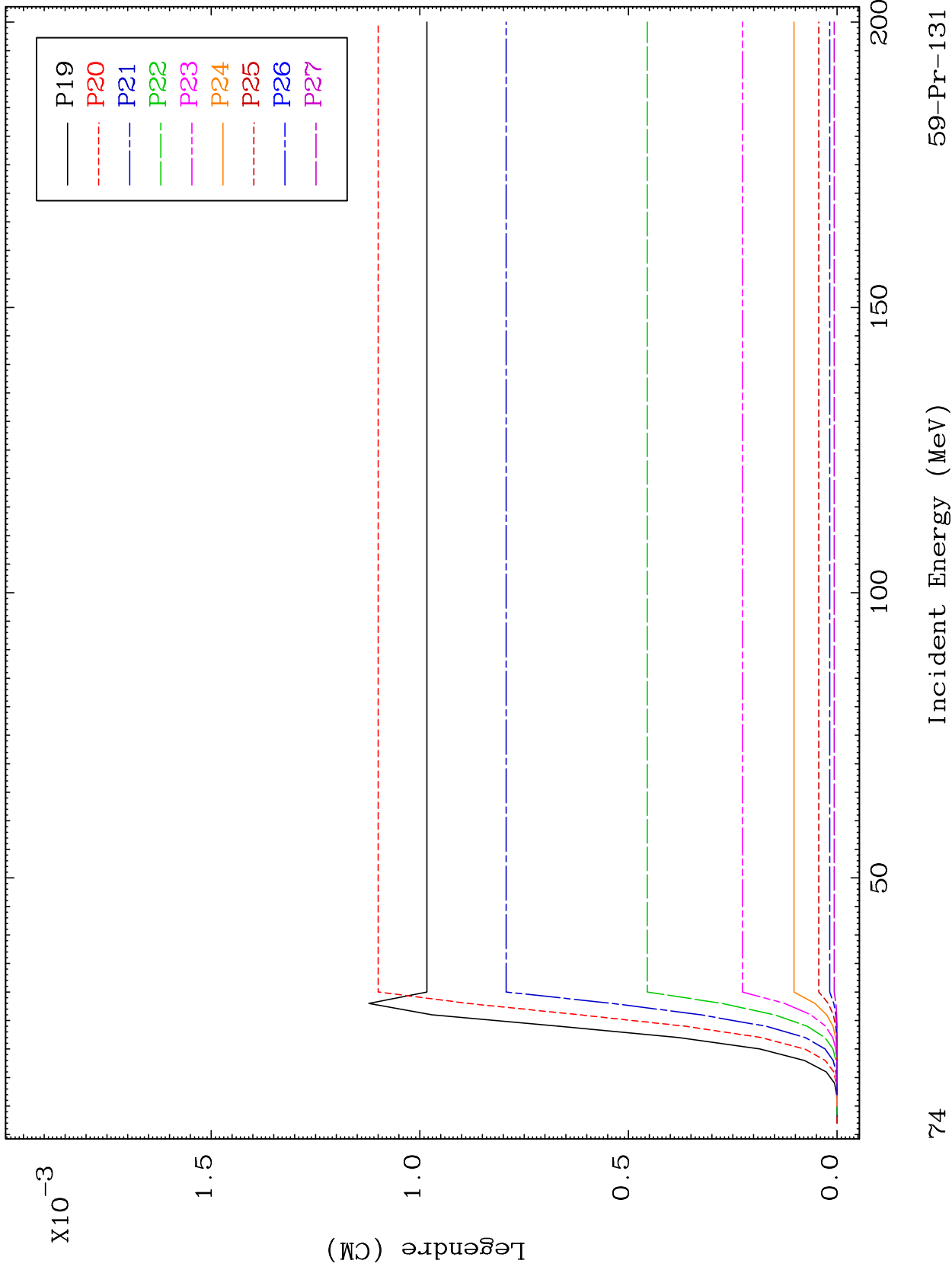
Incident Energy (MeV)

59-Pr-131

MAT 5895

772.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



74

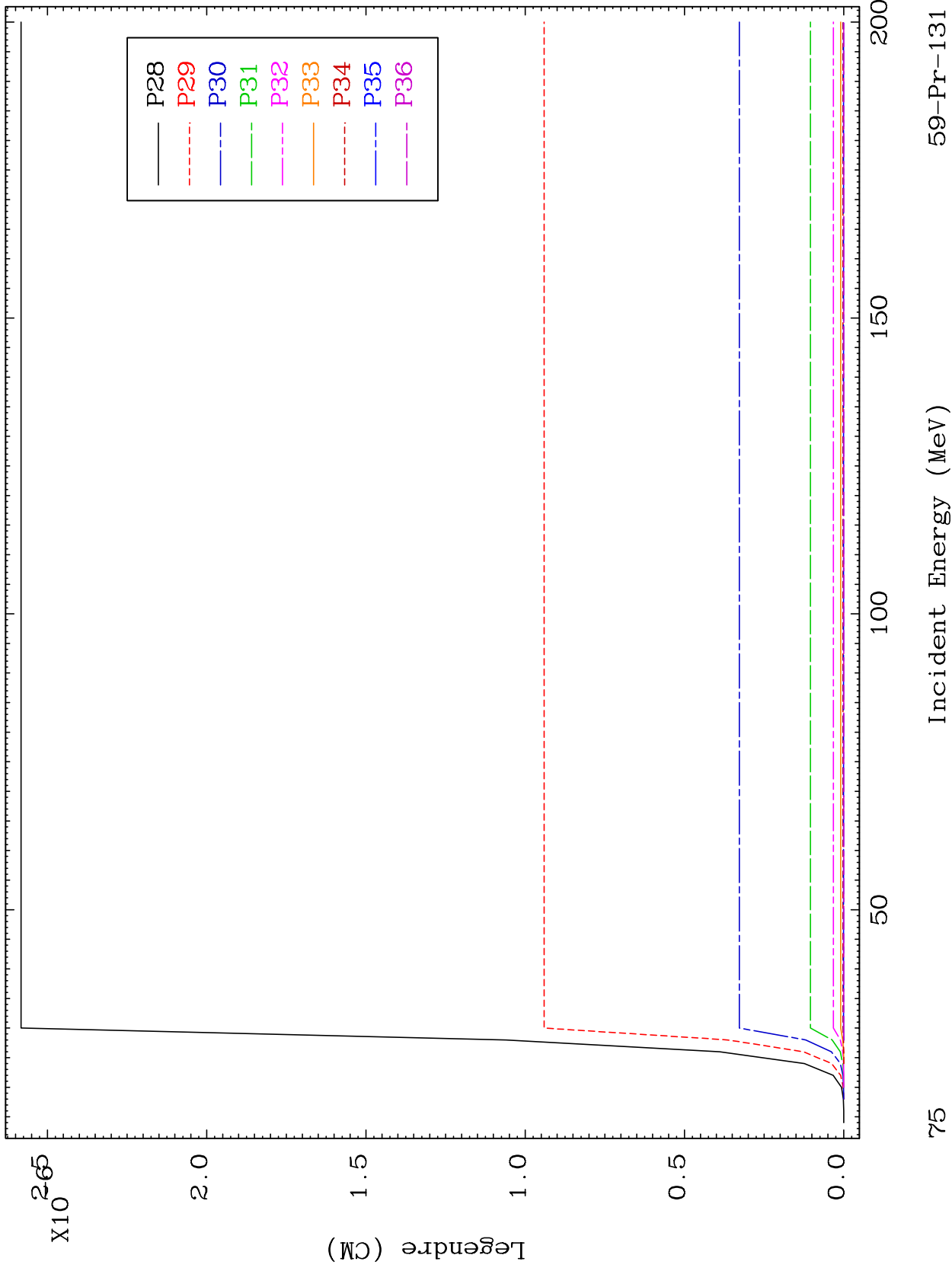
Incident Energy (MeV)

59-Pr-131

MAT 5895

772.6 keV (n, n') Level  
Legendre Coefficients

59-Pr-131



59-Pr-131

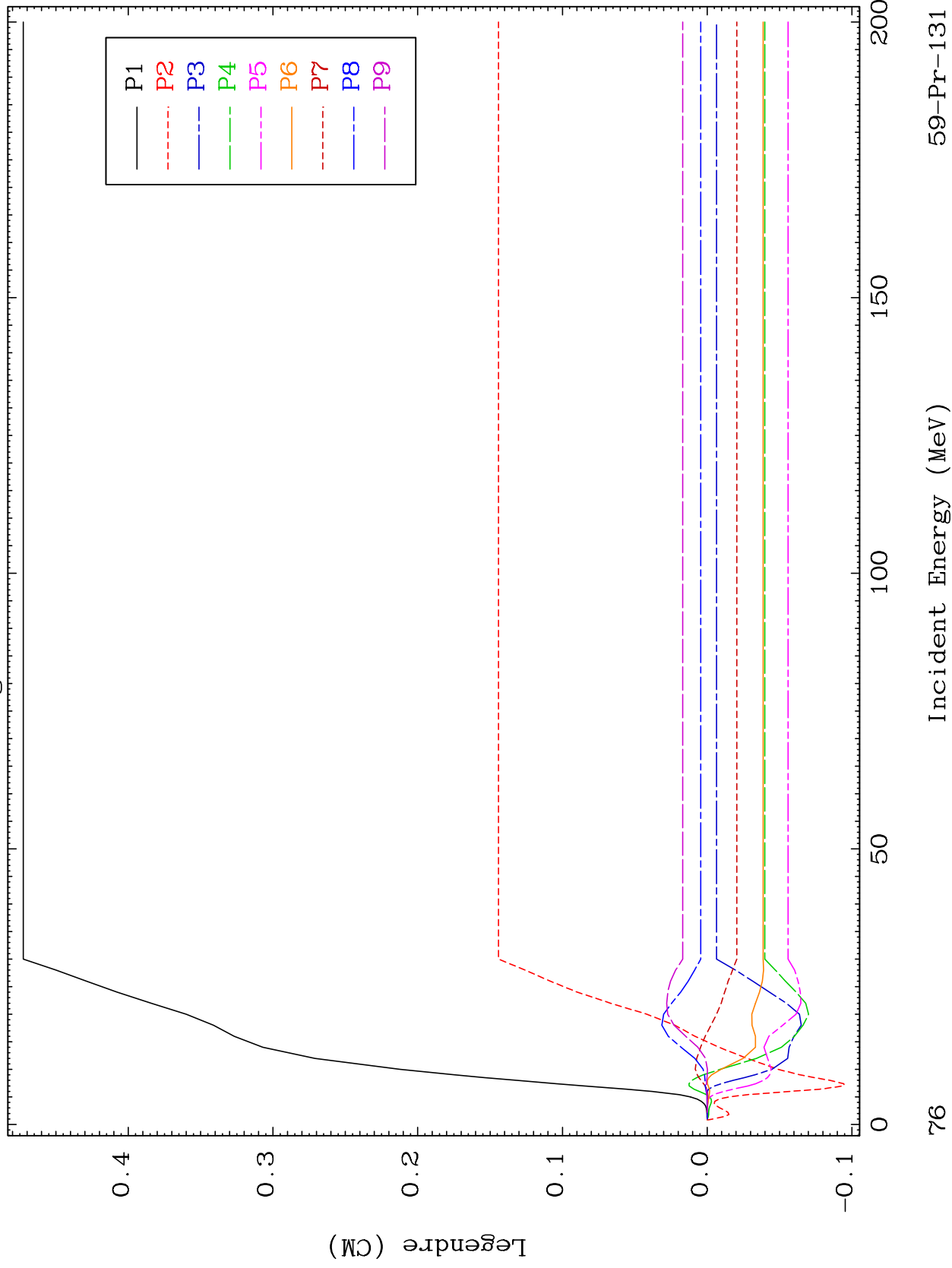
Incident Energy (MeV)

75

MAT 5895

787.5 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



59-Pr-131

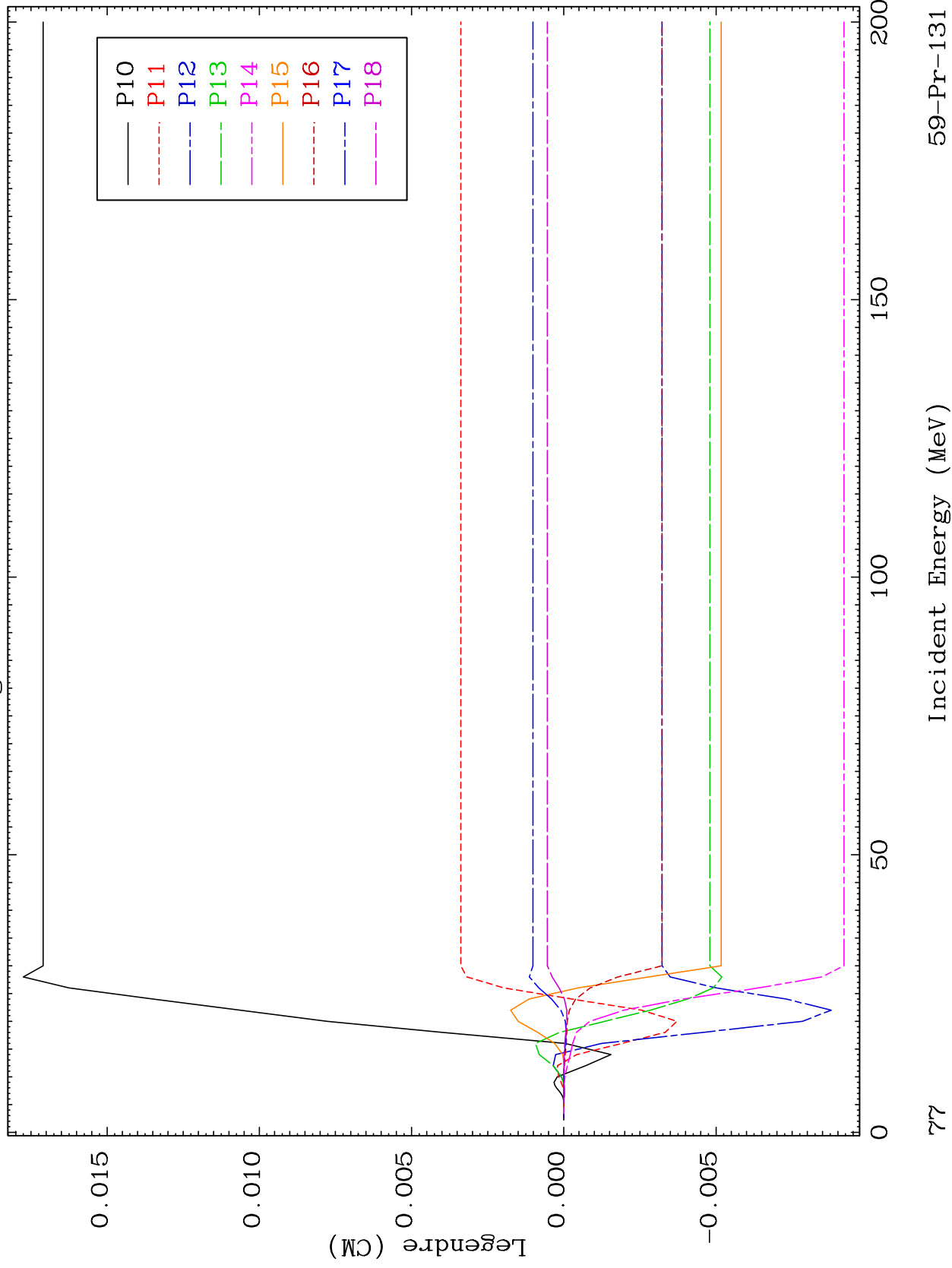
Incident Energy (MeV)

76

MAT 5895

787.5 keV (n,n') Level  
Legendre Coefficients

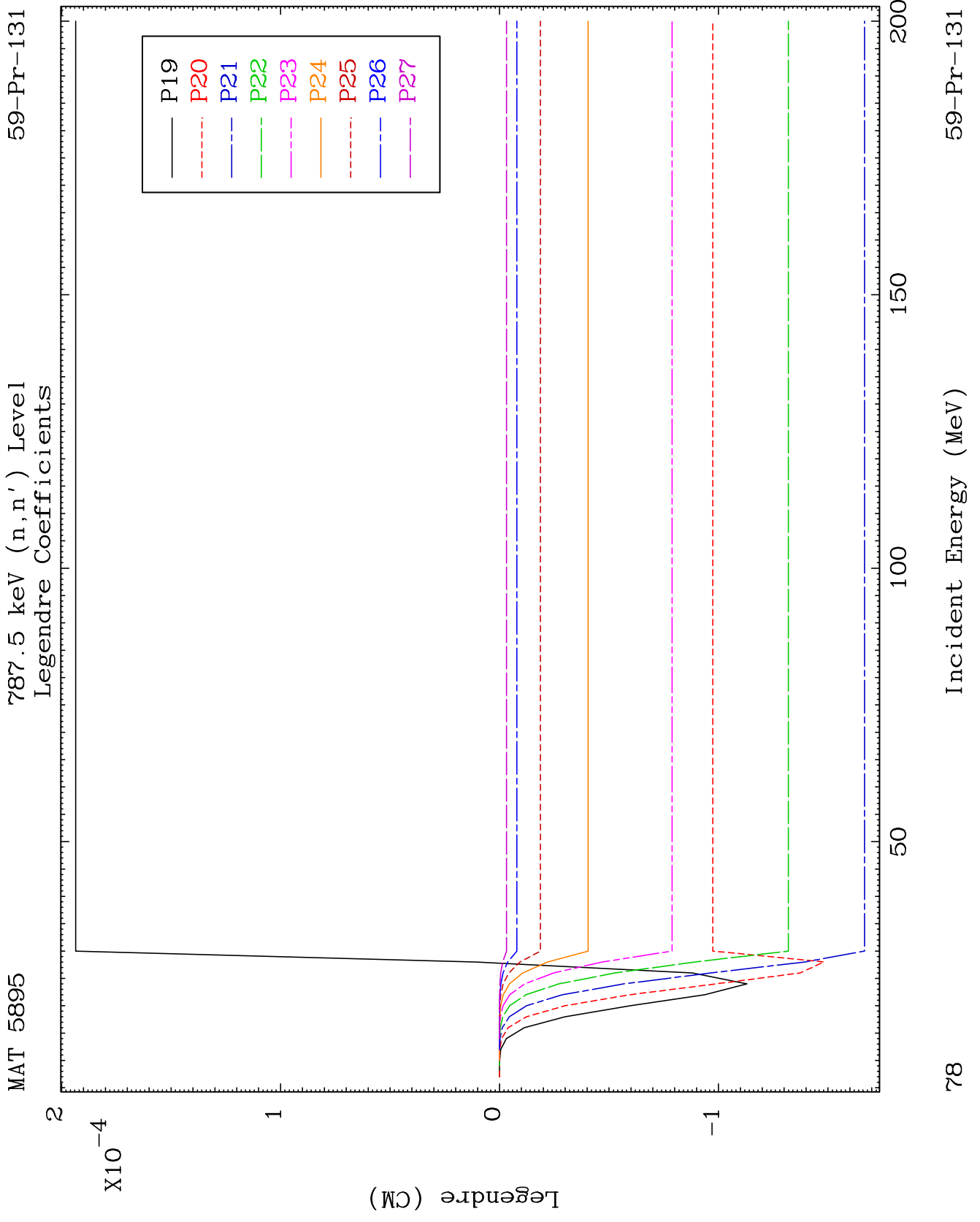
59-Pr-131

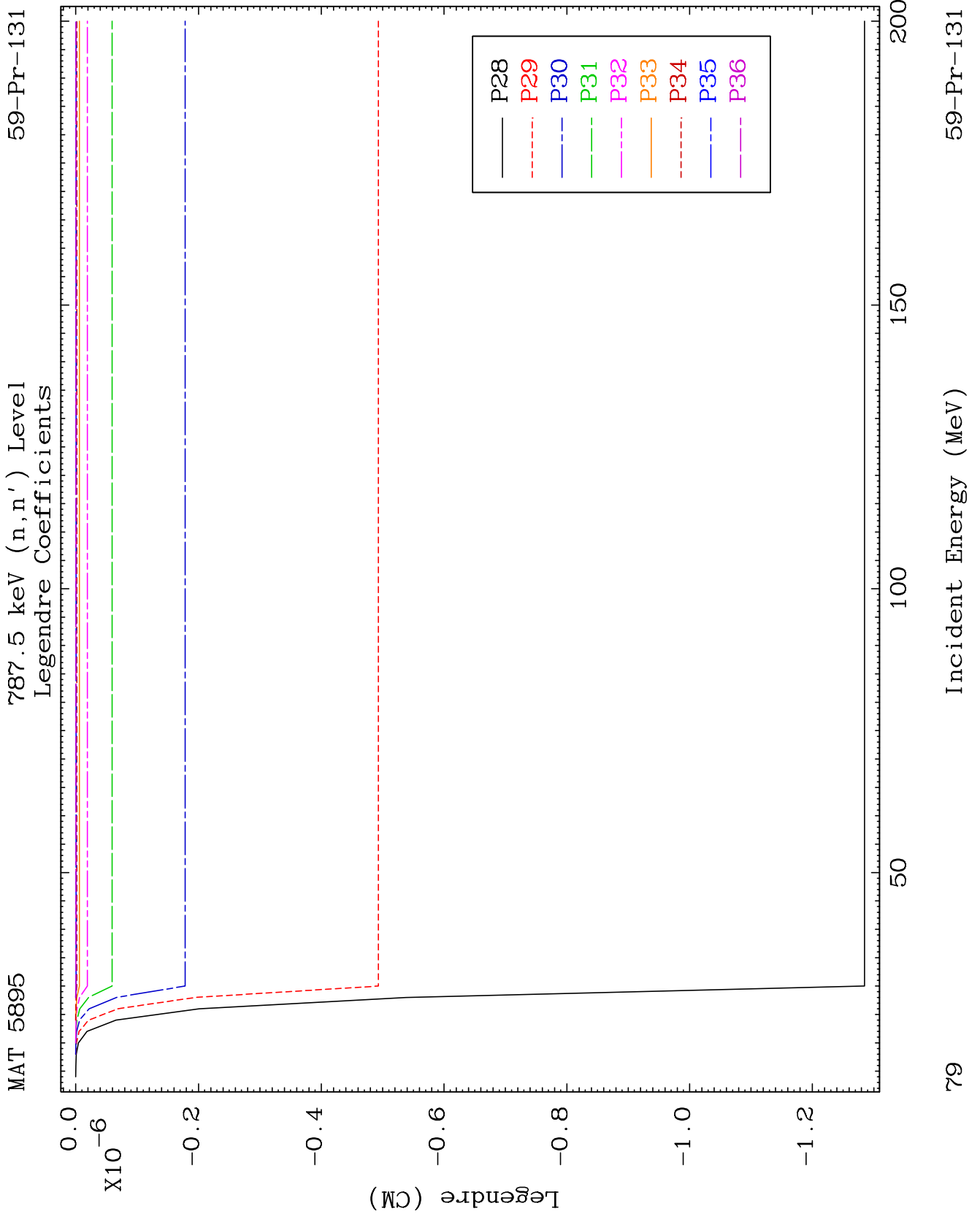


59-Pr-131

Incident Energy (MeV)

77



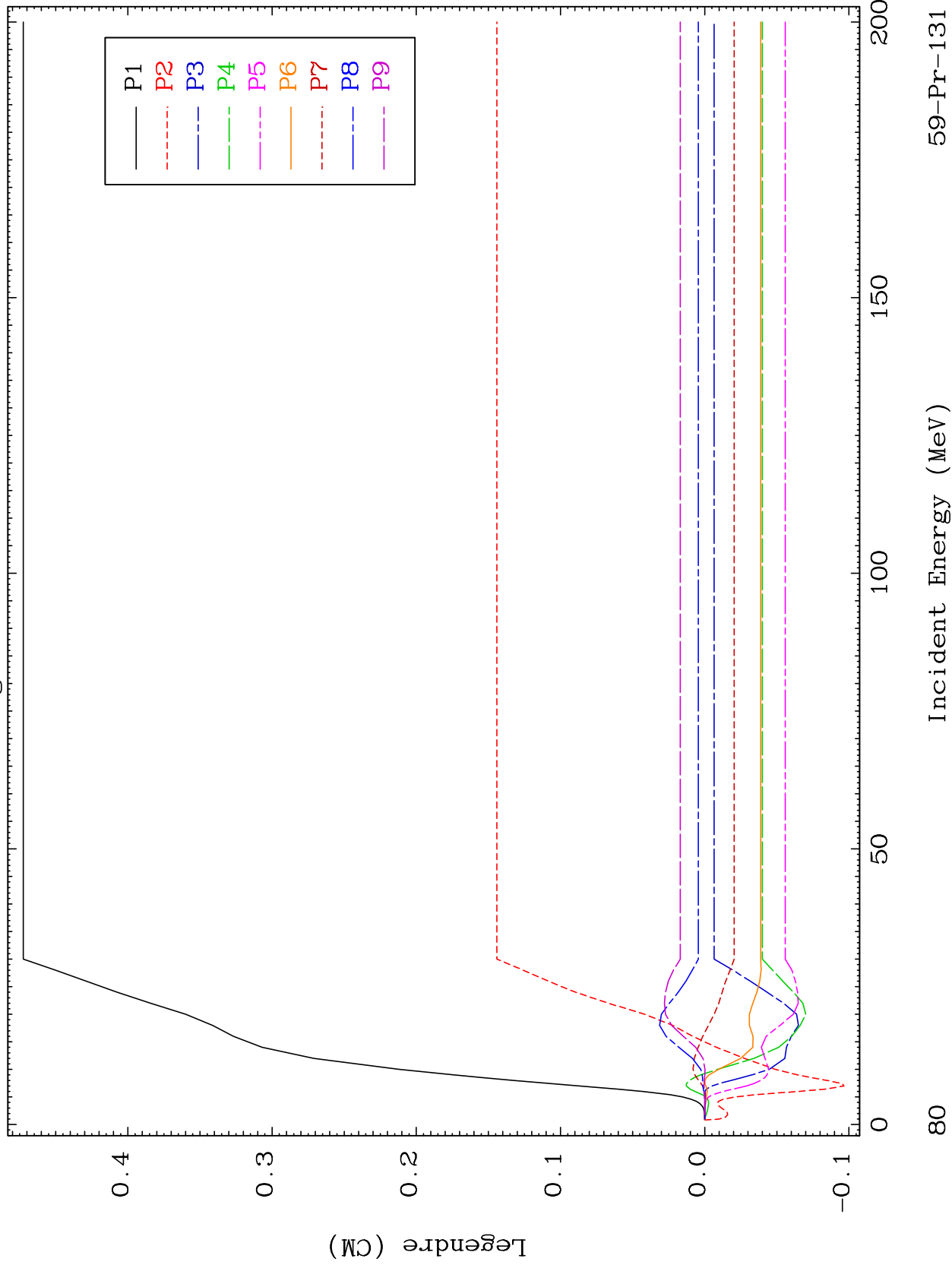




MAT 5895

799.0 keV (n,n') Level  
Legendre Coefficients

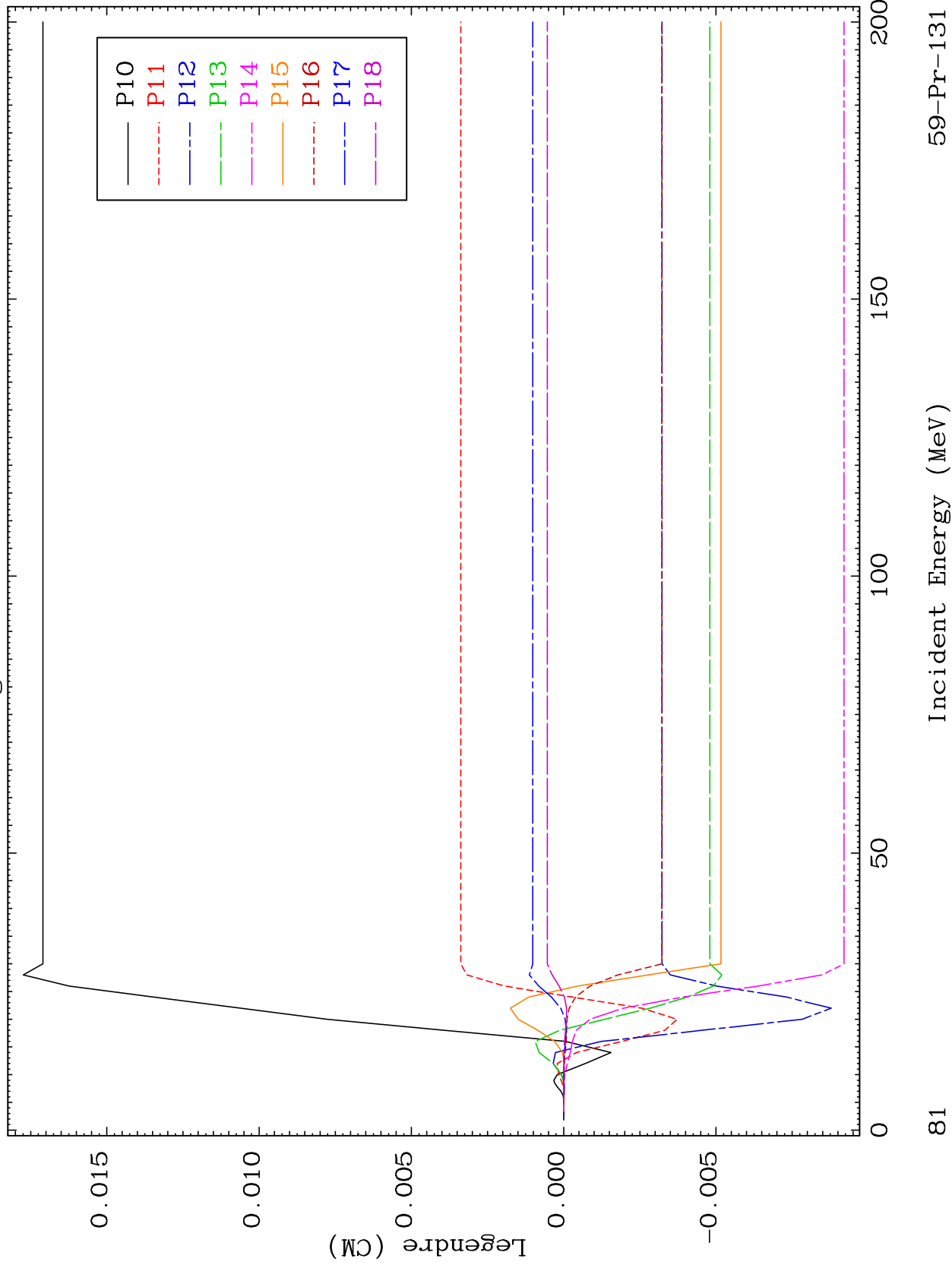
59-Pr-131

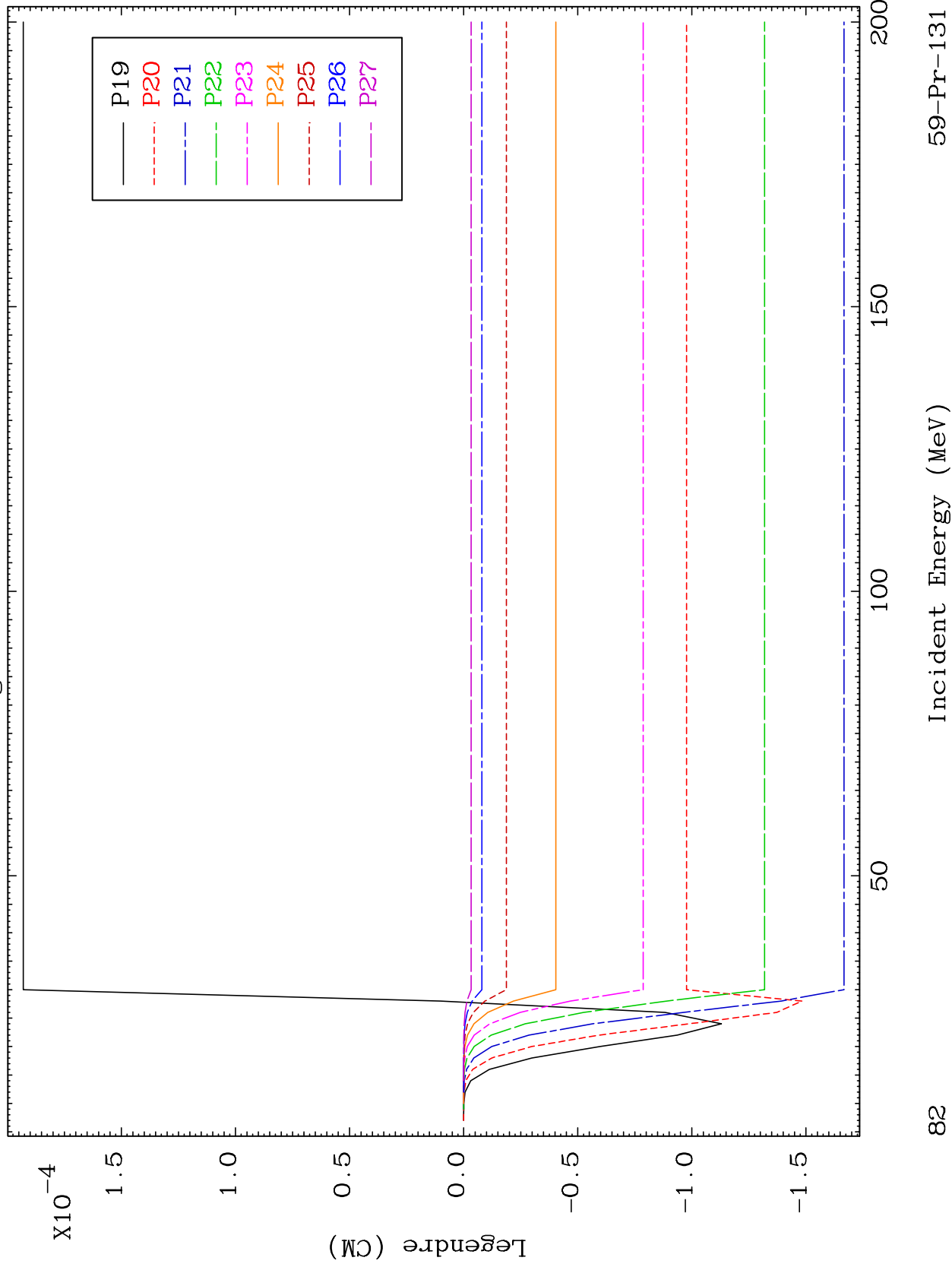


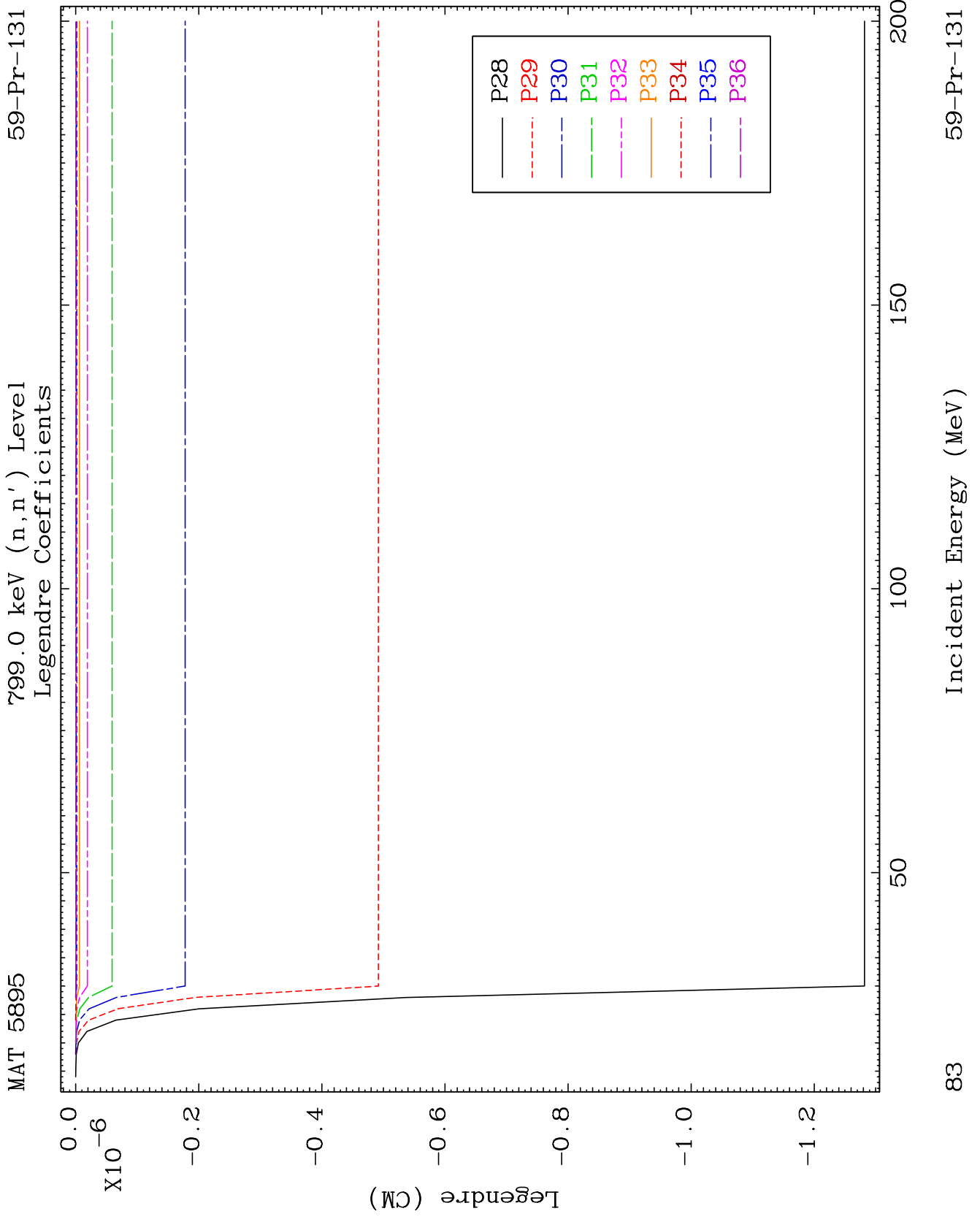
59-Pr-131

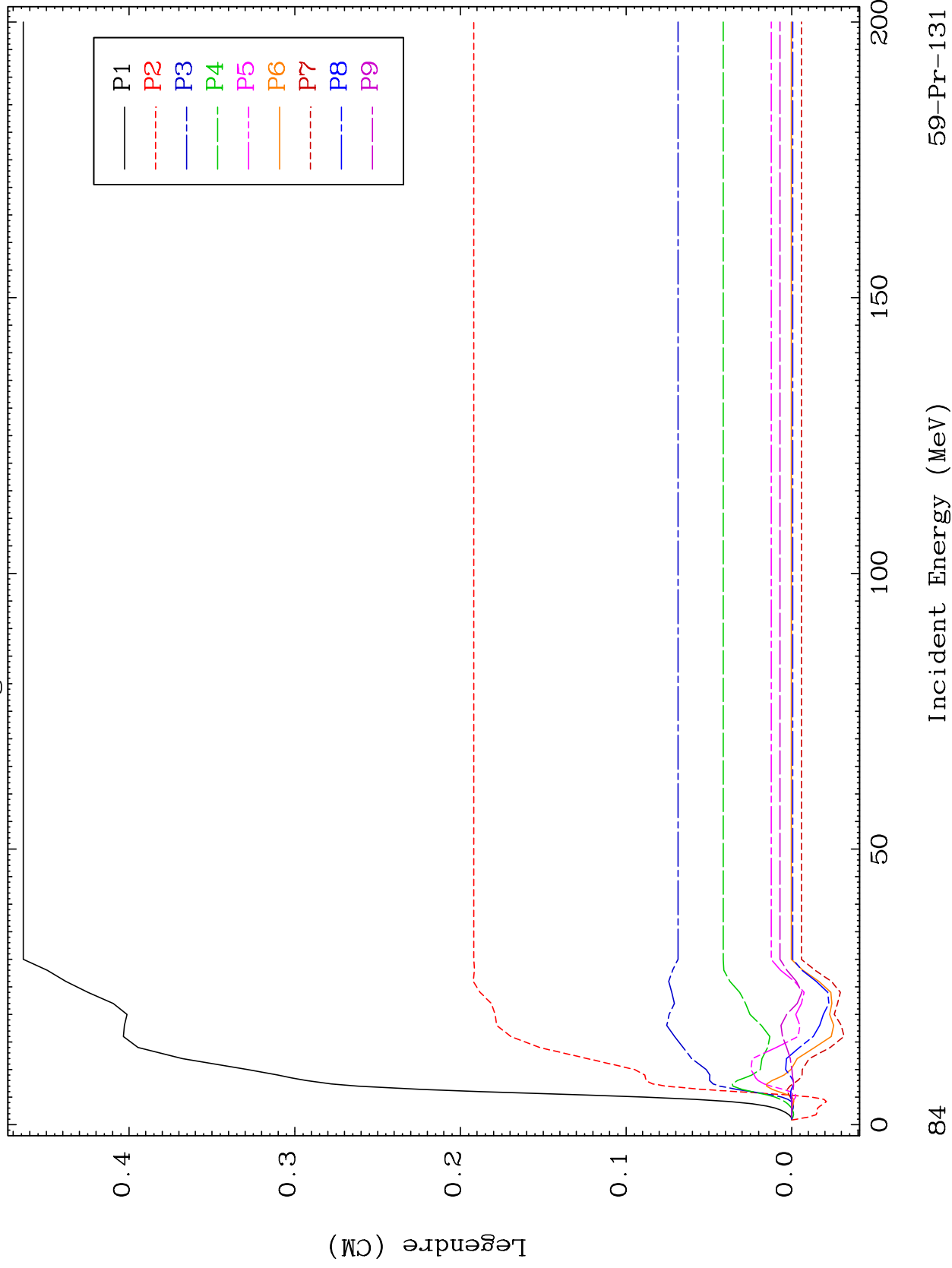
Incident Energy (MeV)

80





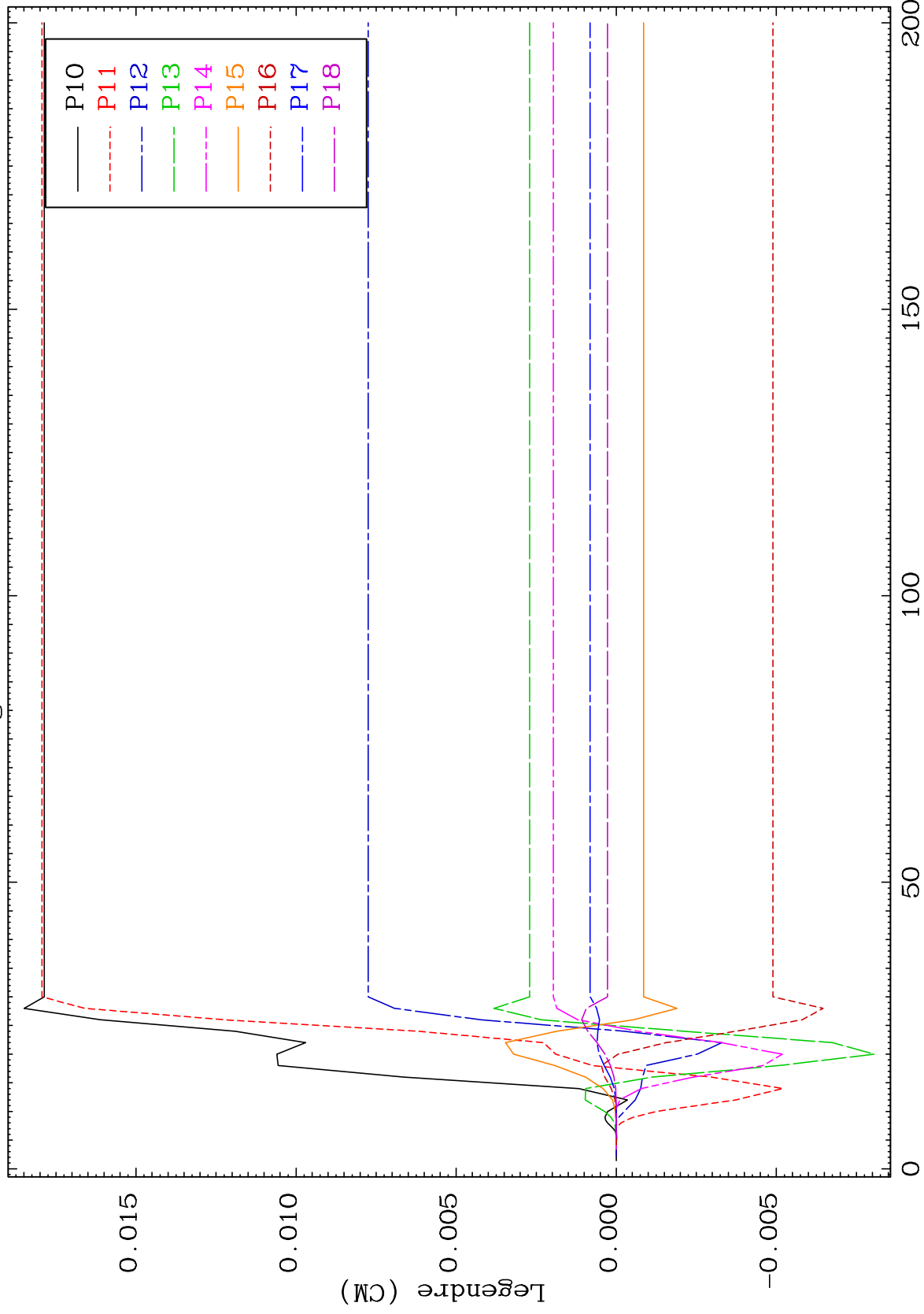




MAT 5895

828.6 keV (n,n') Level  
Legendre Coefficients

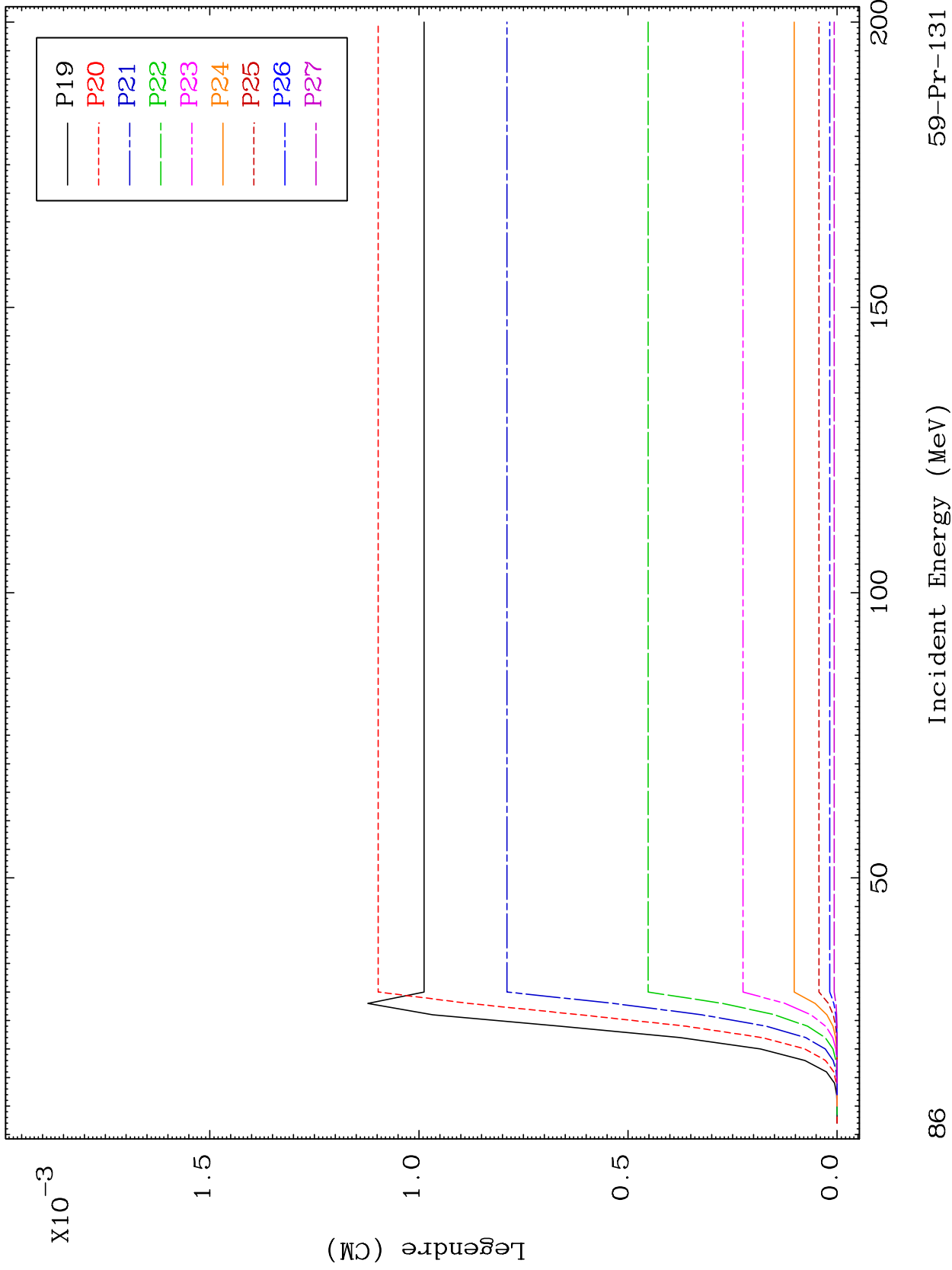
59-Pr-131



85

Incident Energy (MeV)

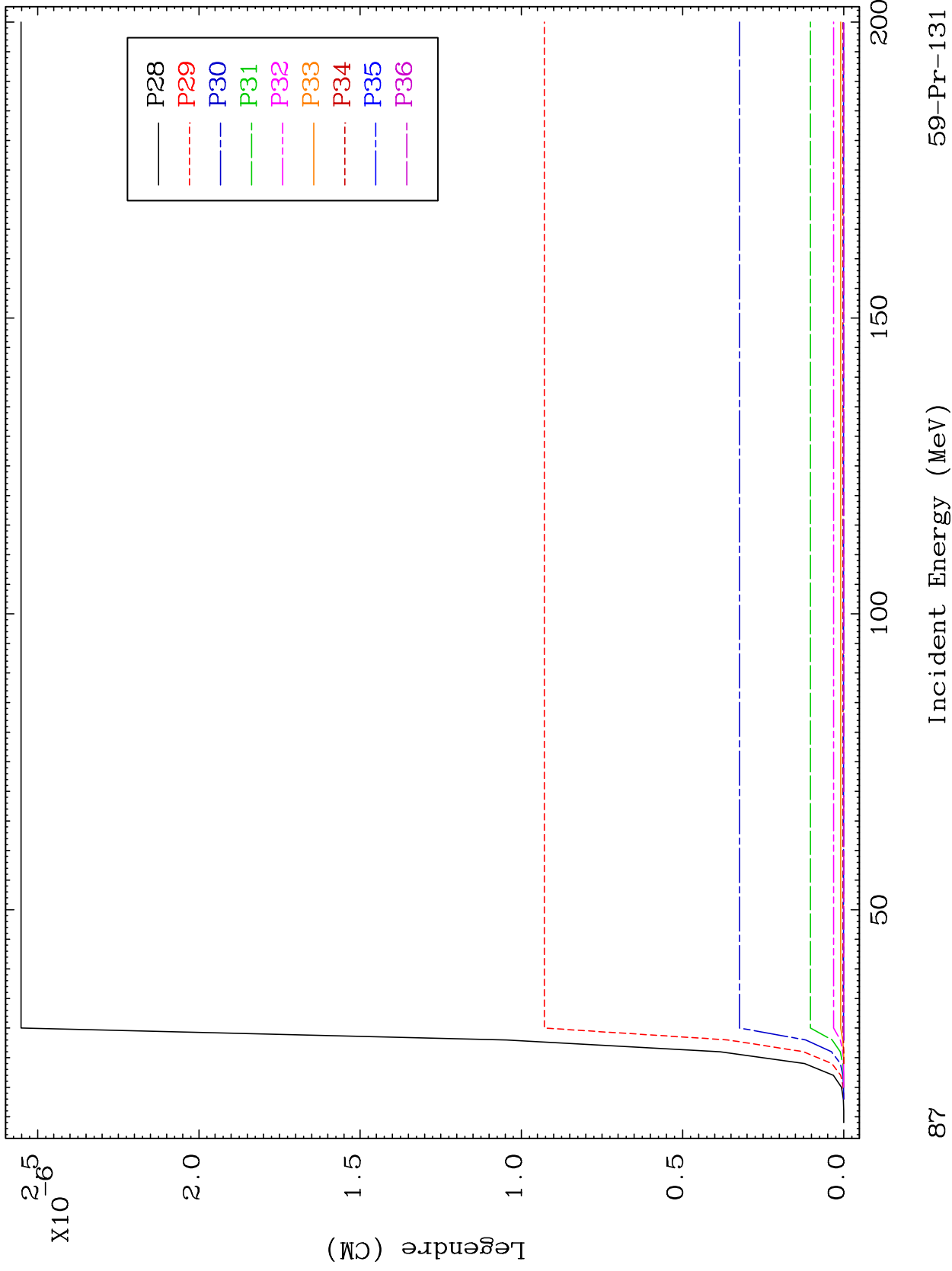
59-Pr-131



MAT 5895

828.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-131

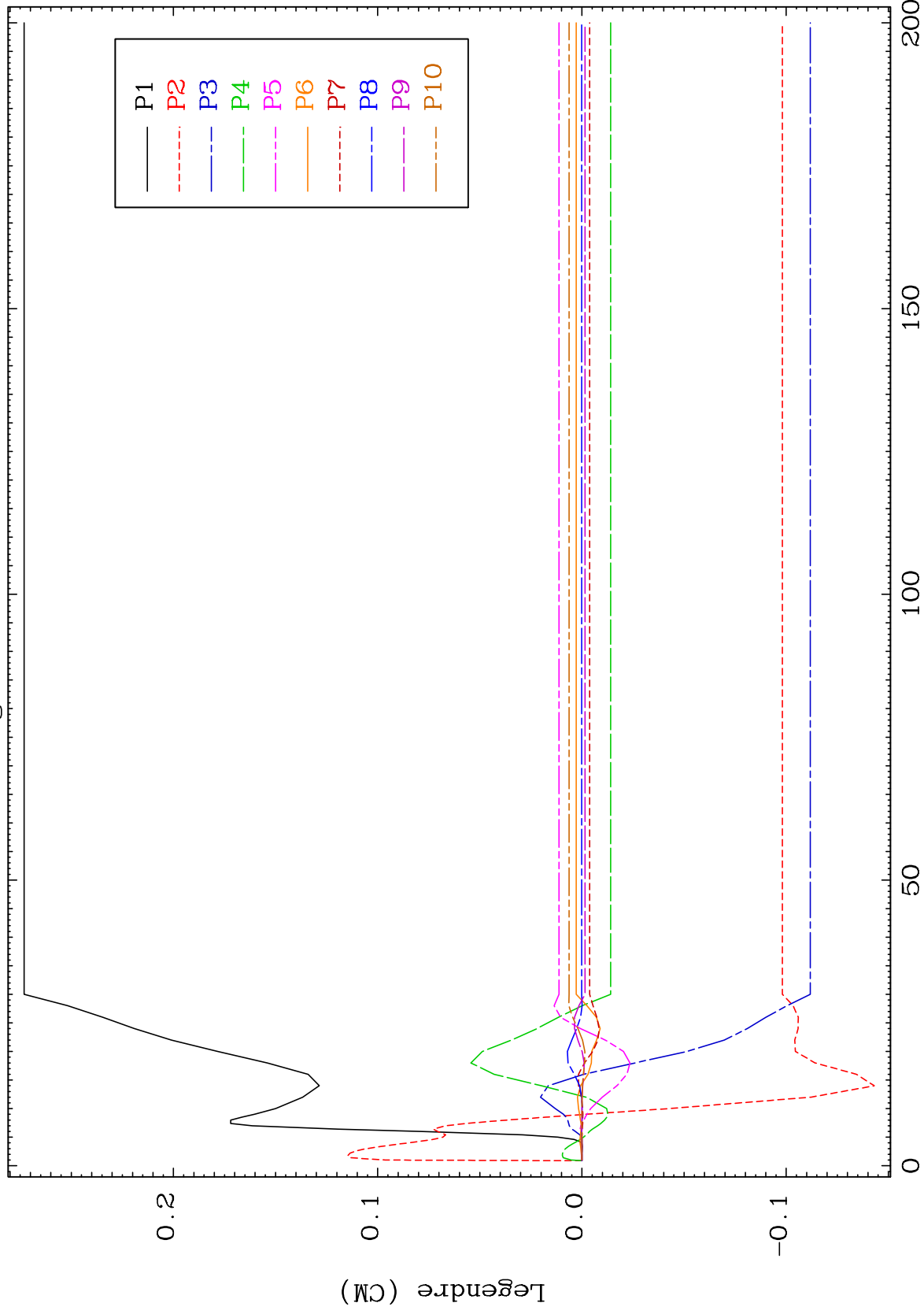




MAT 5895

875.8 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



88

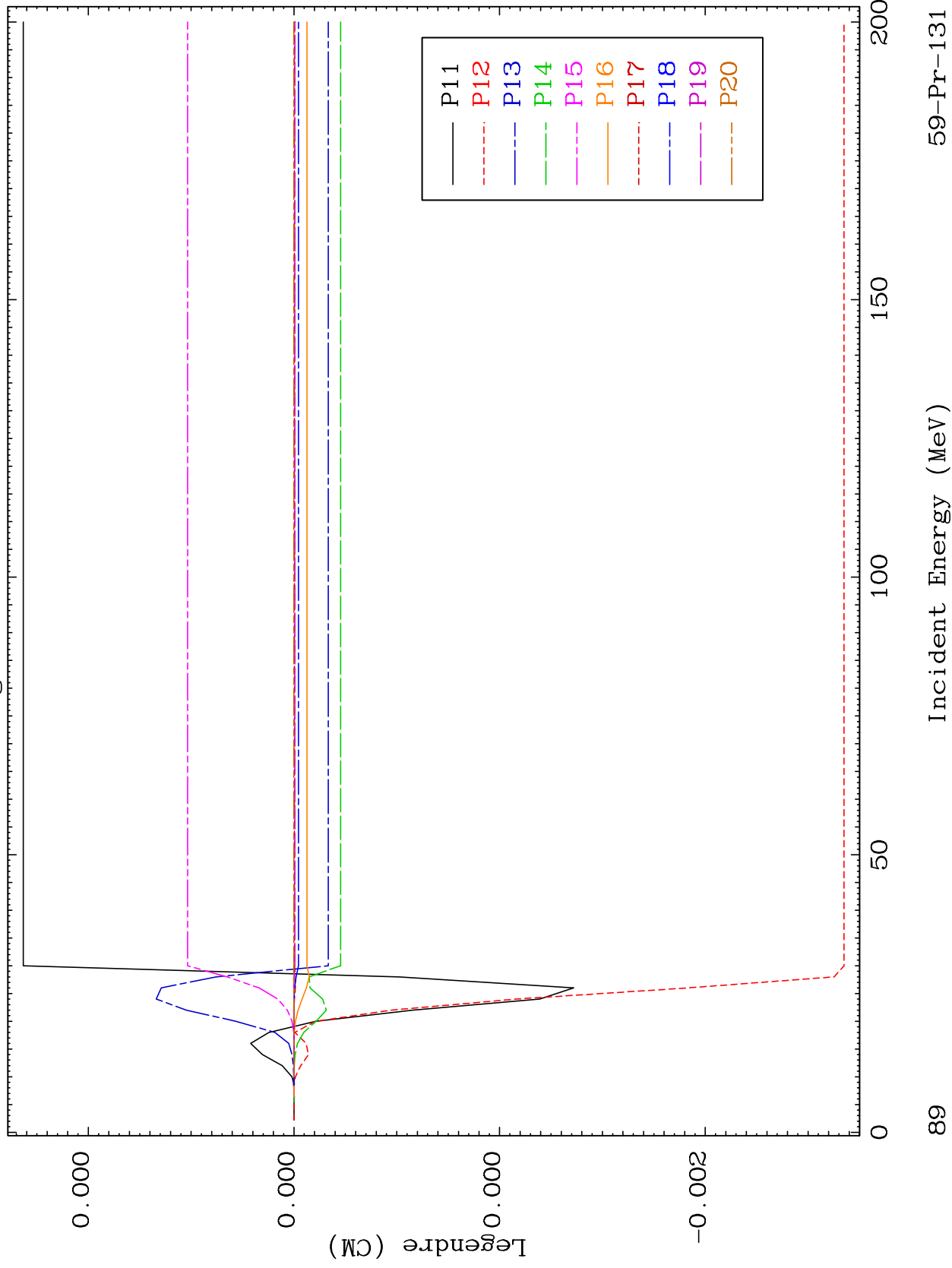
Incident Energy (MeV)

59-Pr-131

MAT 5895

875.8 keV (n,n') Level  
Legendre Coefficients

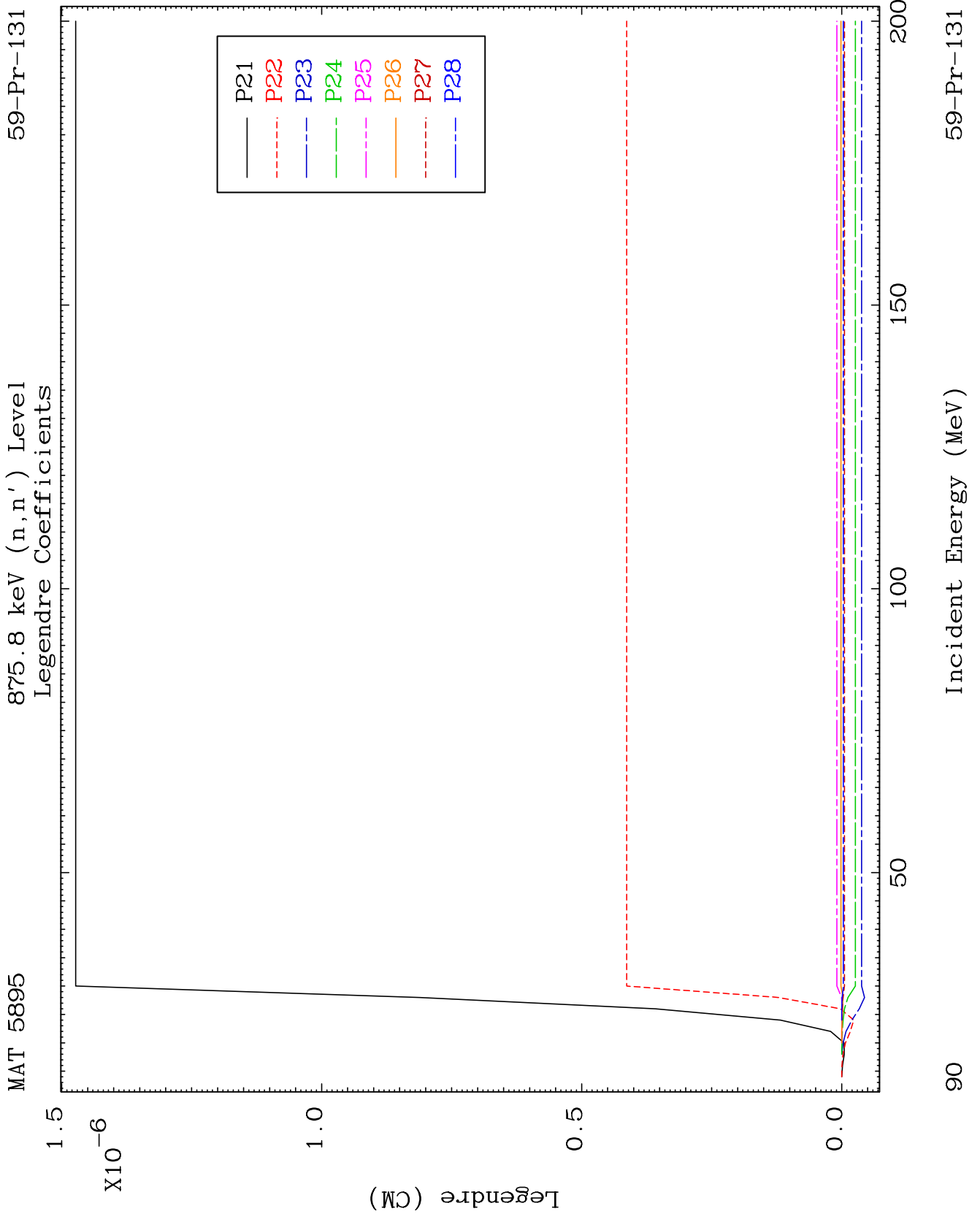
59-Pr-131

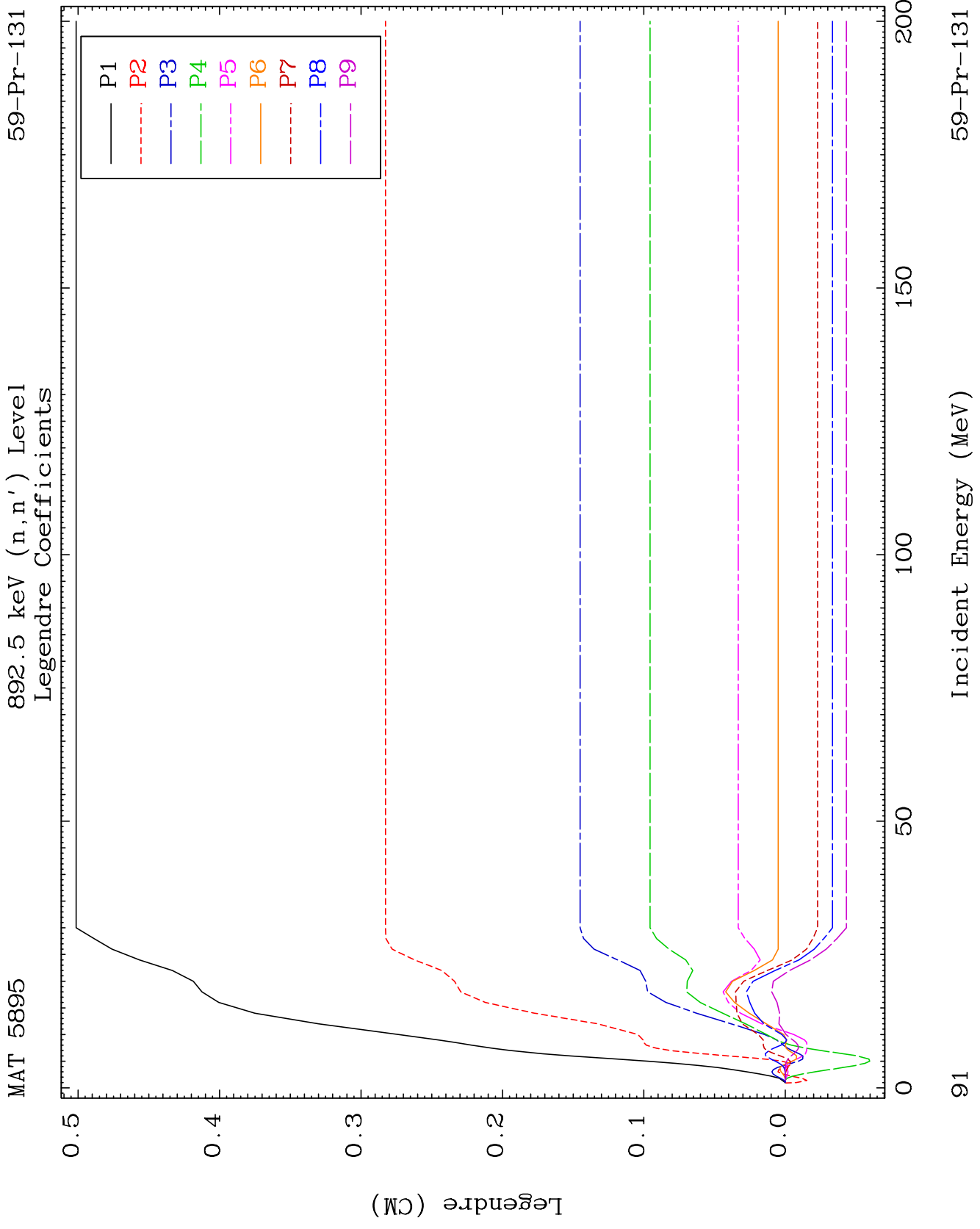


89

Incident Energy (MeV)

59-Pr-131

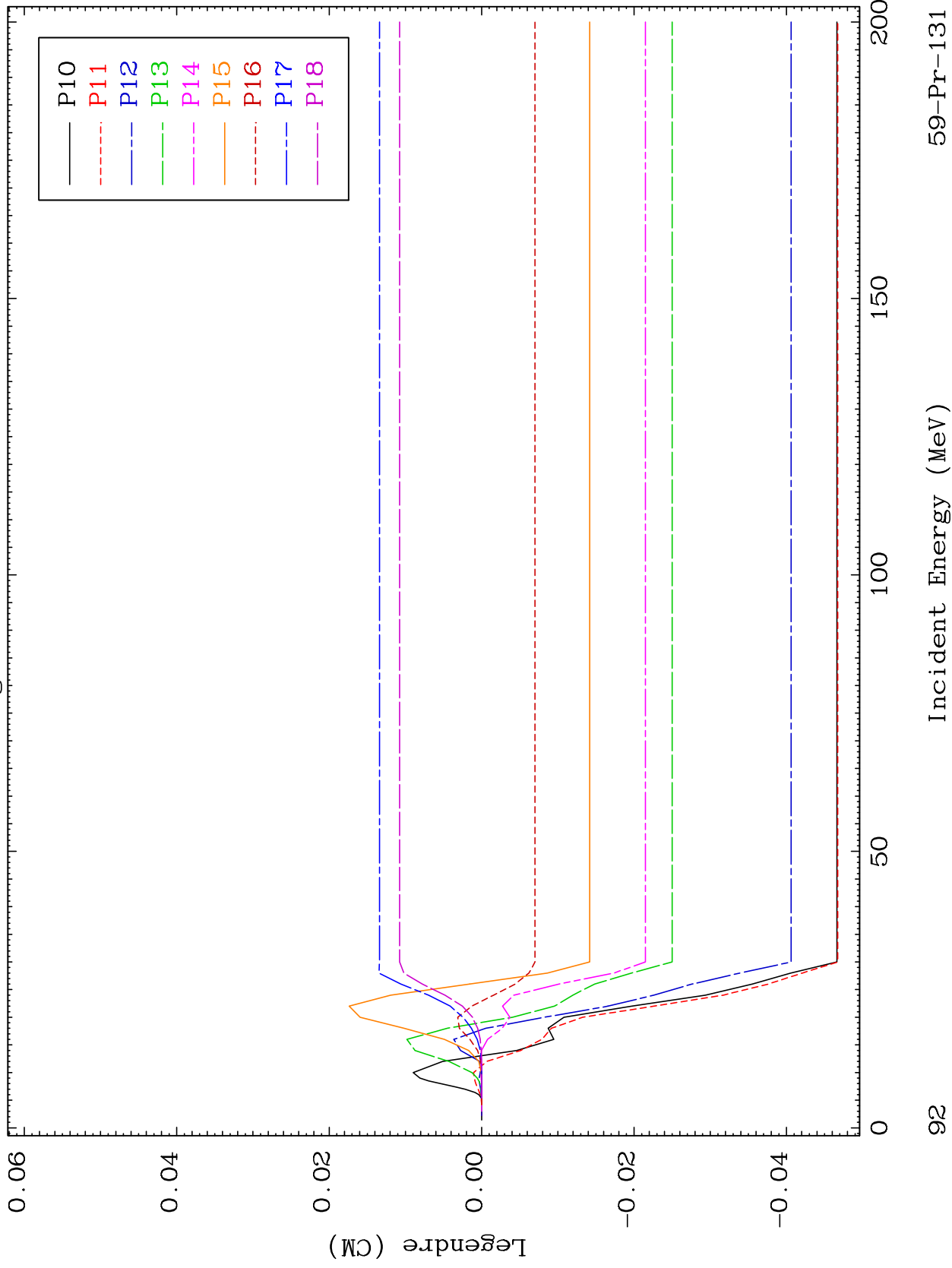




MAT 5895

892.5 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



92

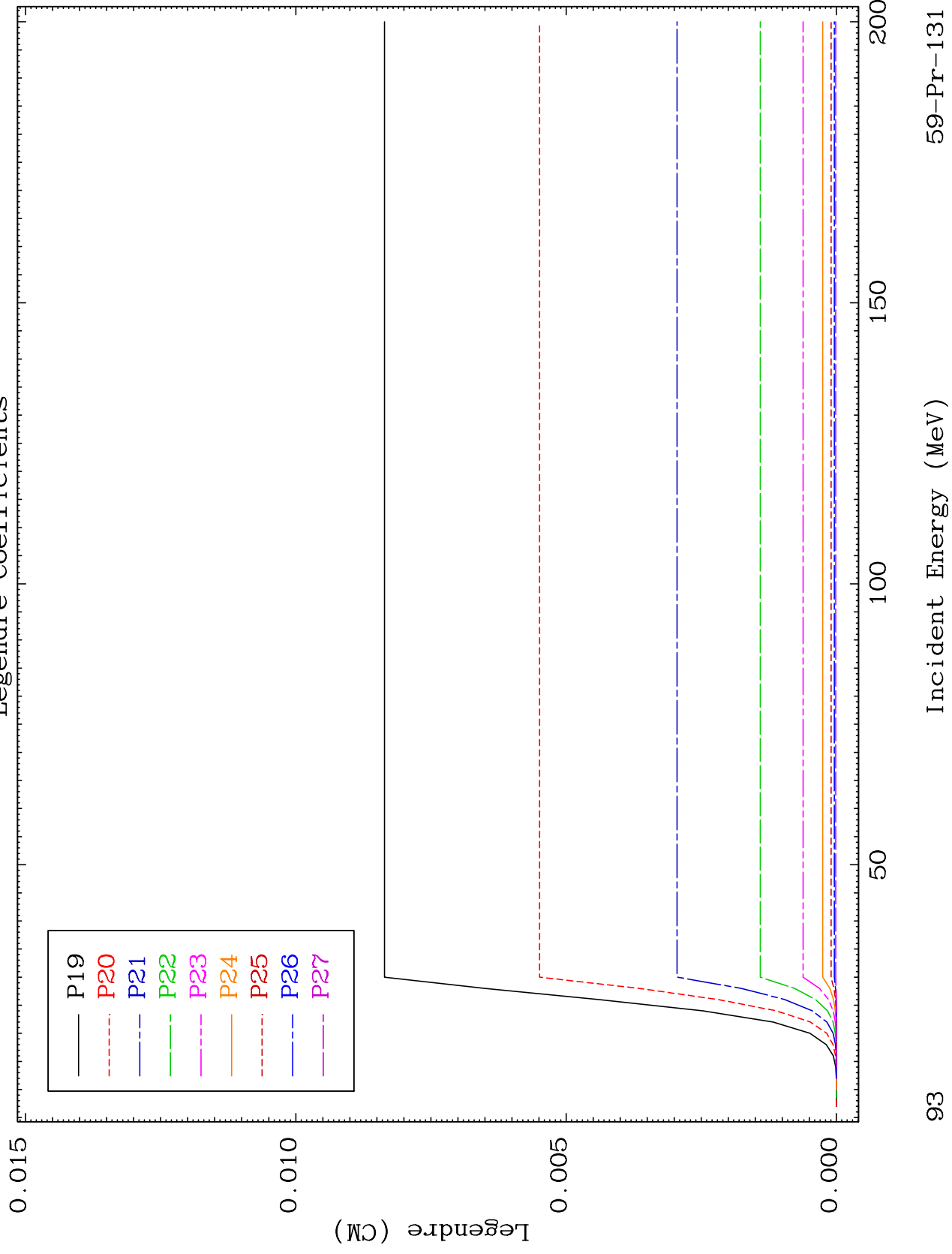
Incident Energy (MeV)

59-Pr-131

MAT 5895

892.5 keV (n,n') Level  
Legendre Coefficients

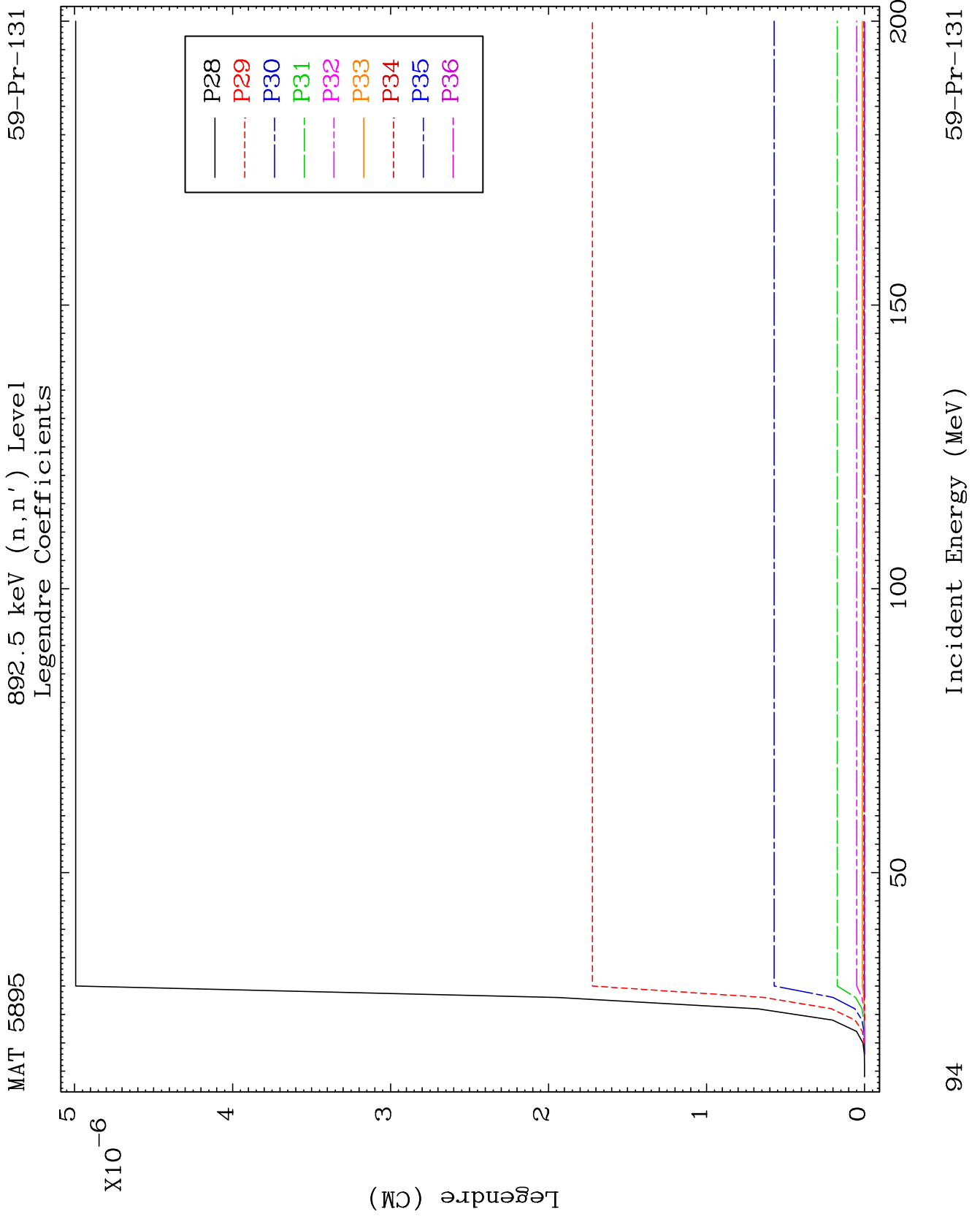
59-Pr-131



93

Incident Energy (MeV)

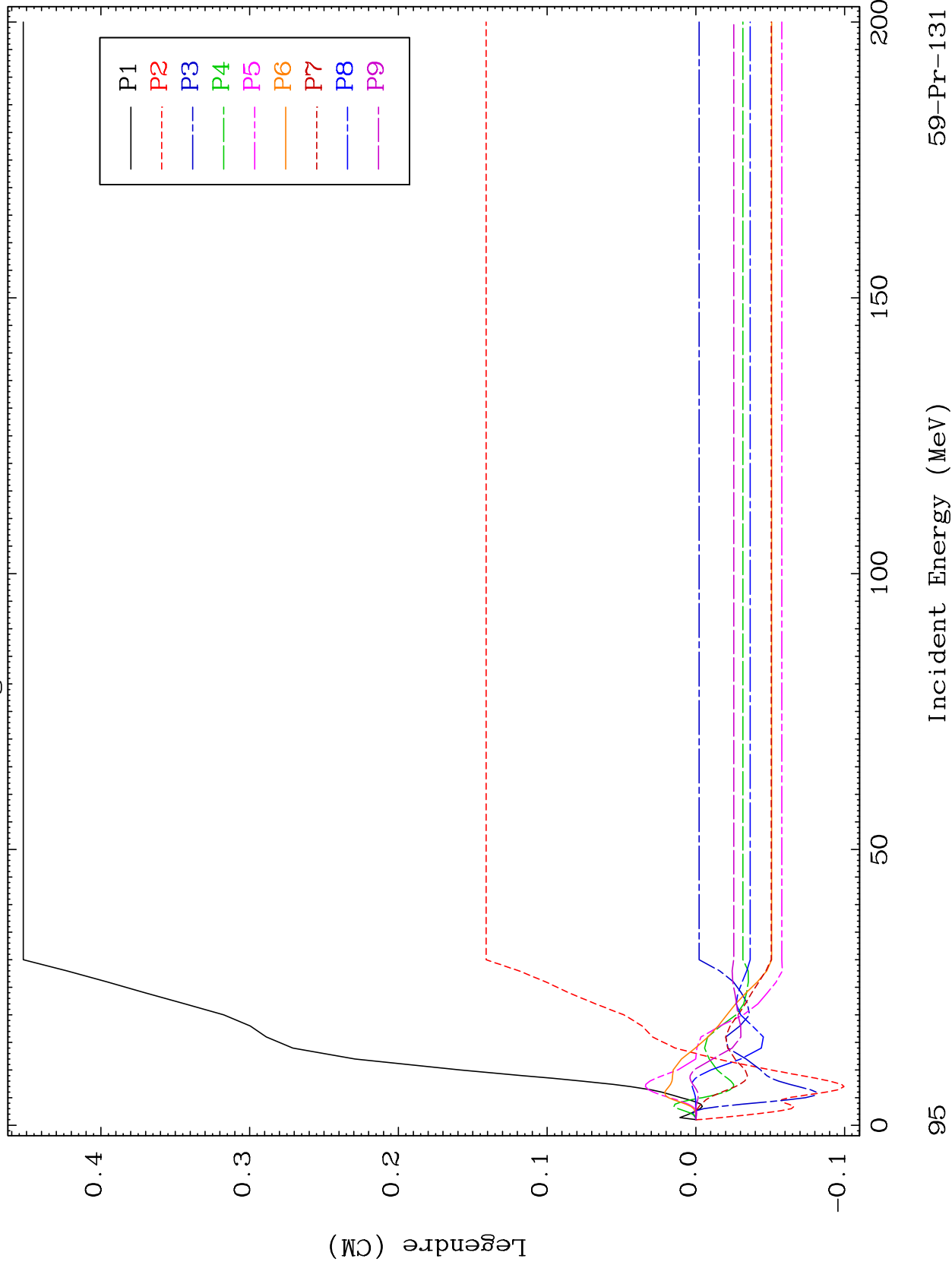
59-Pr-131



MAT 5895

923.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-131

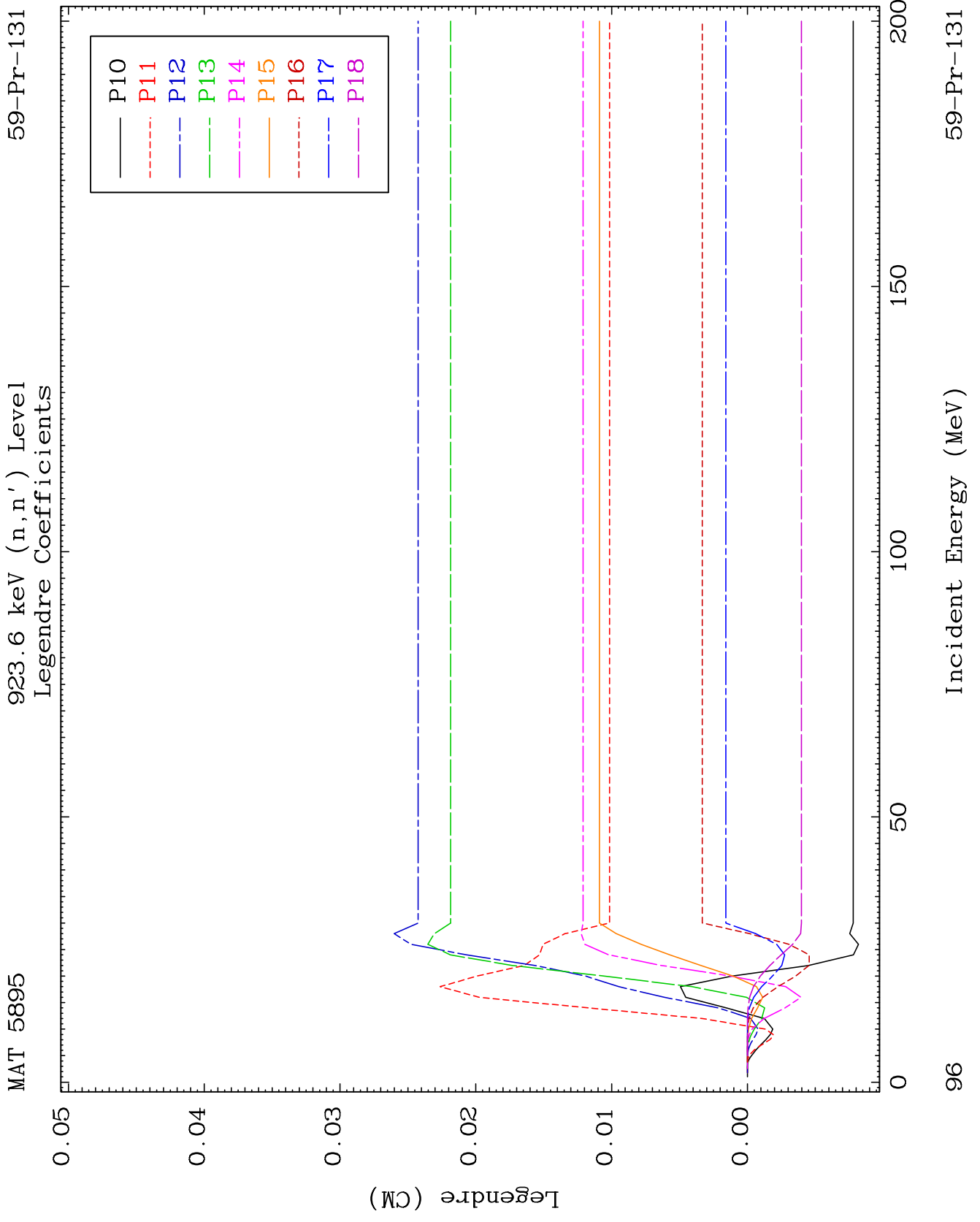


59-Pr-131

Incident Energy (MeV)

95

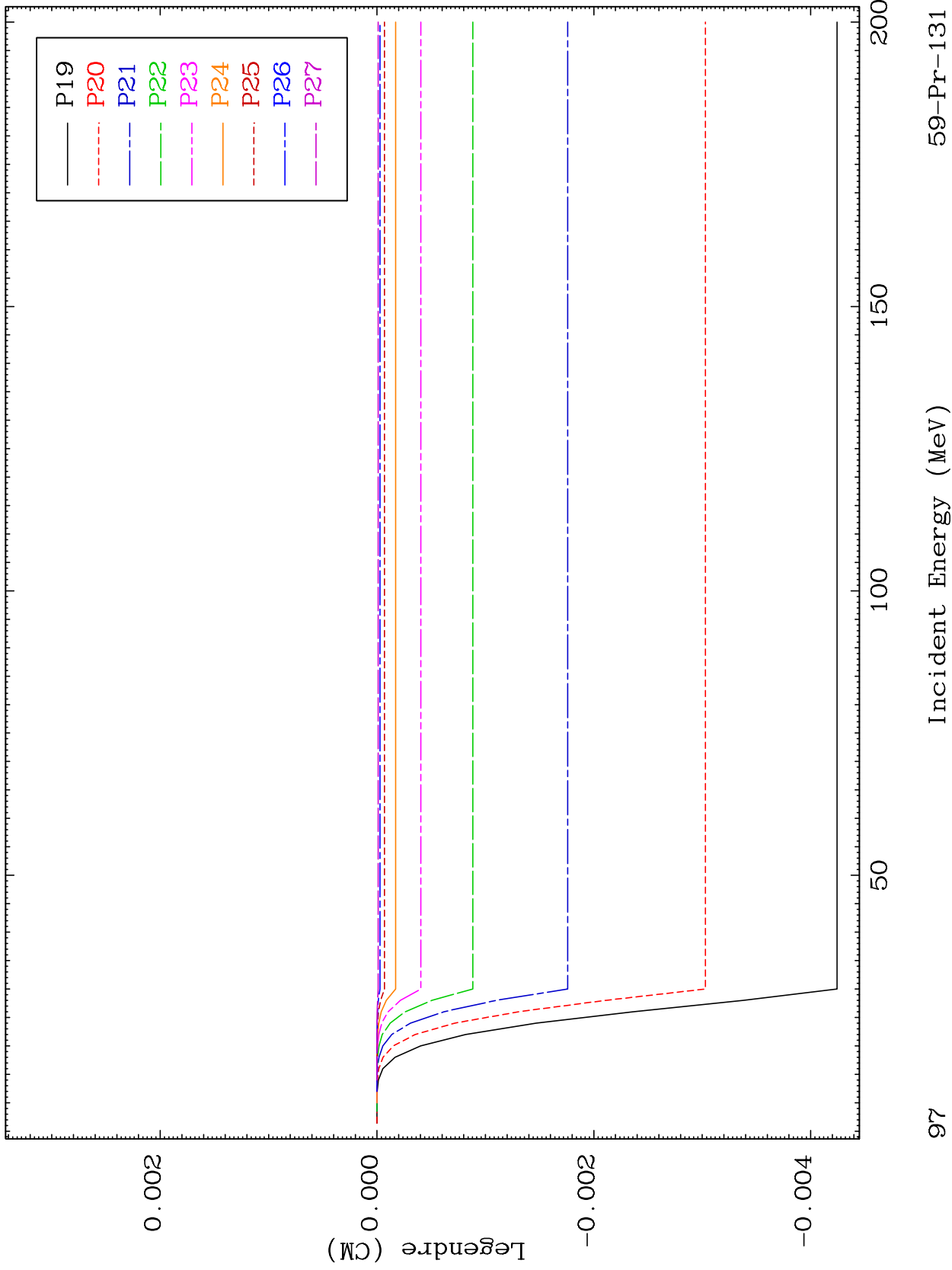




MAT 5895

923.6 keV (n,n') Level  
Legendre Coefficients

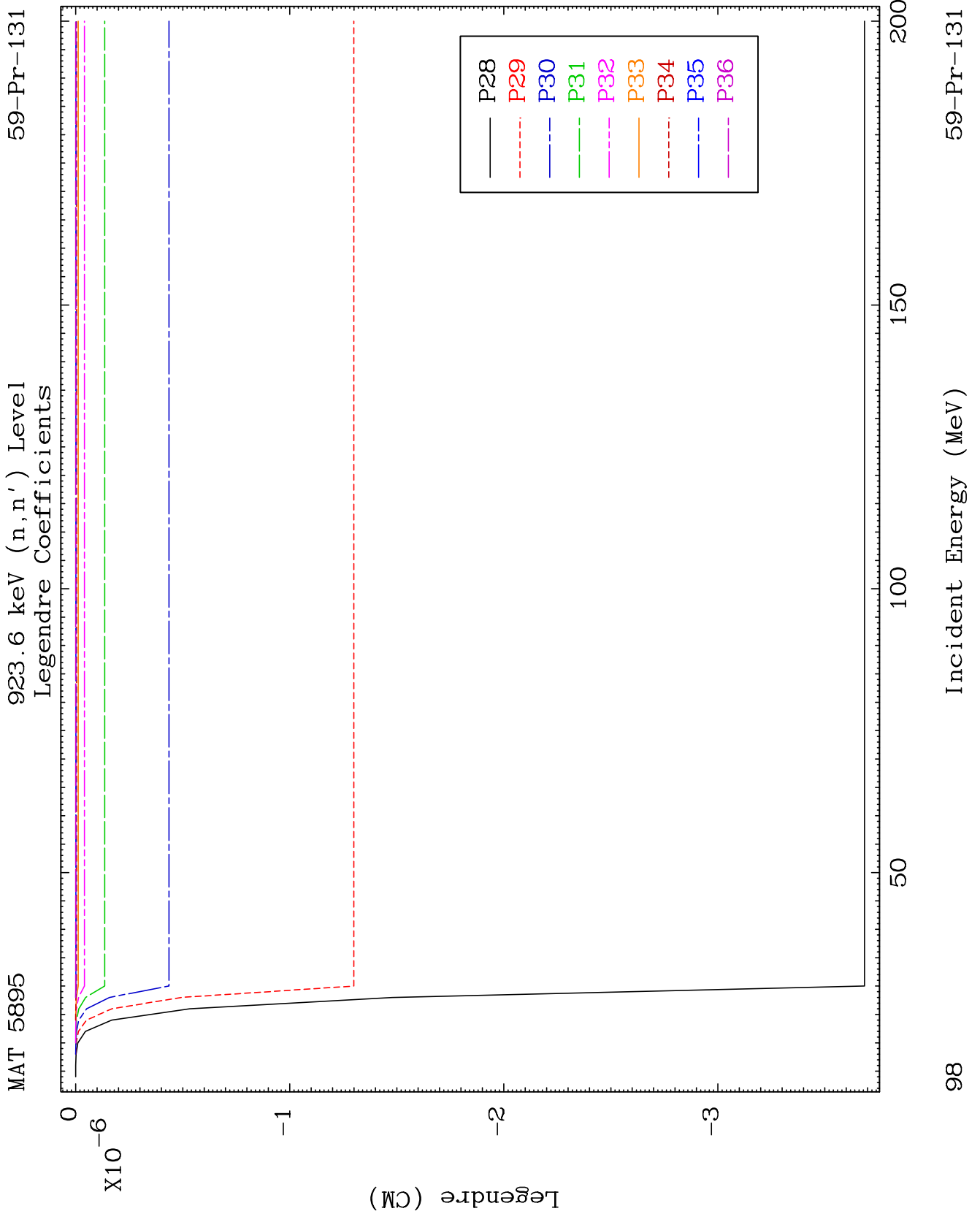
59-Pr-131



97

Incident Energy (MeV)

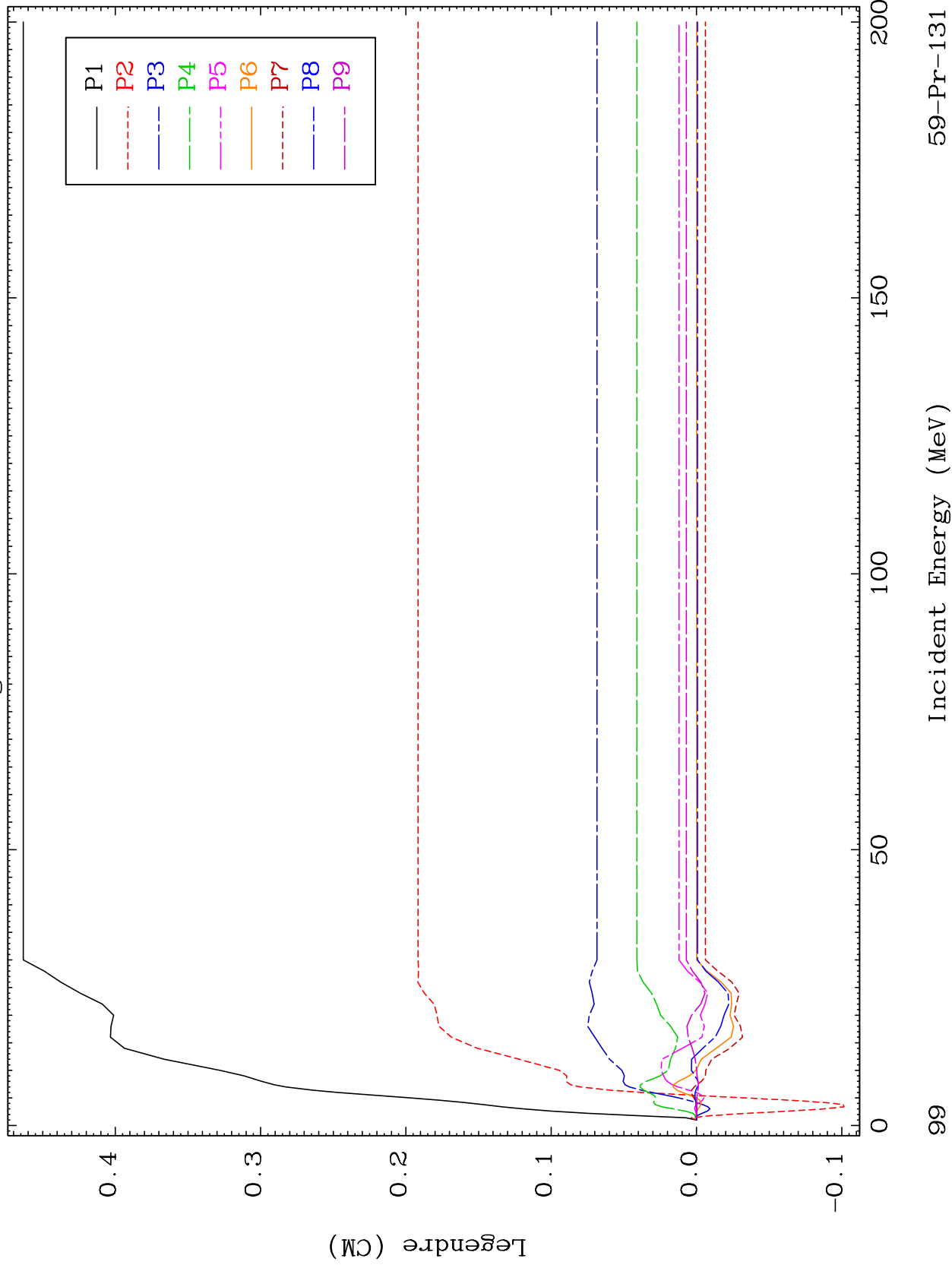
59-Pr-131



MAT 5895

975.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



99

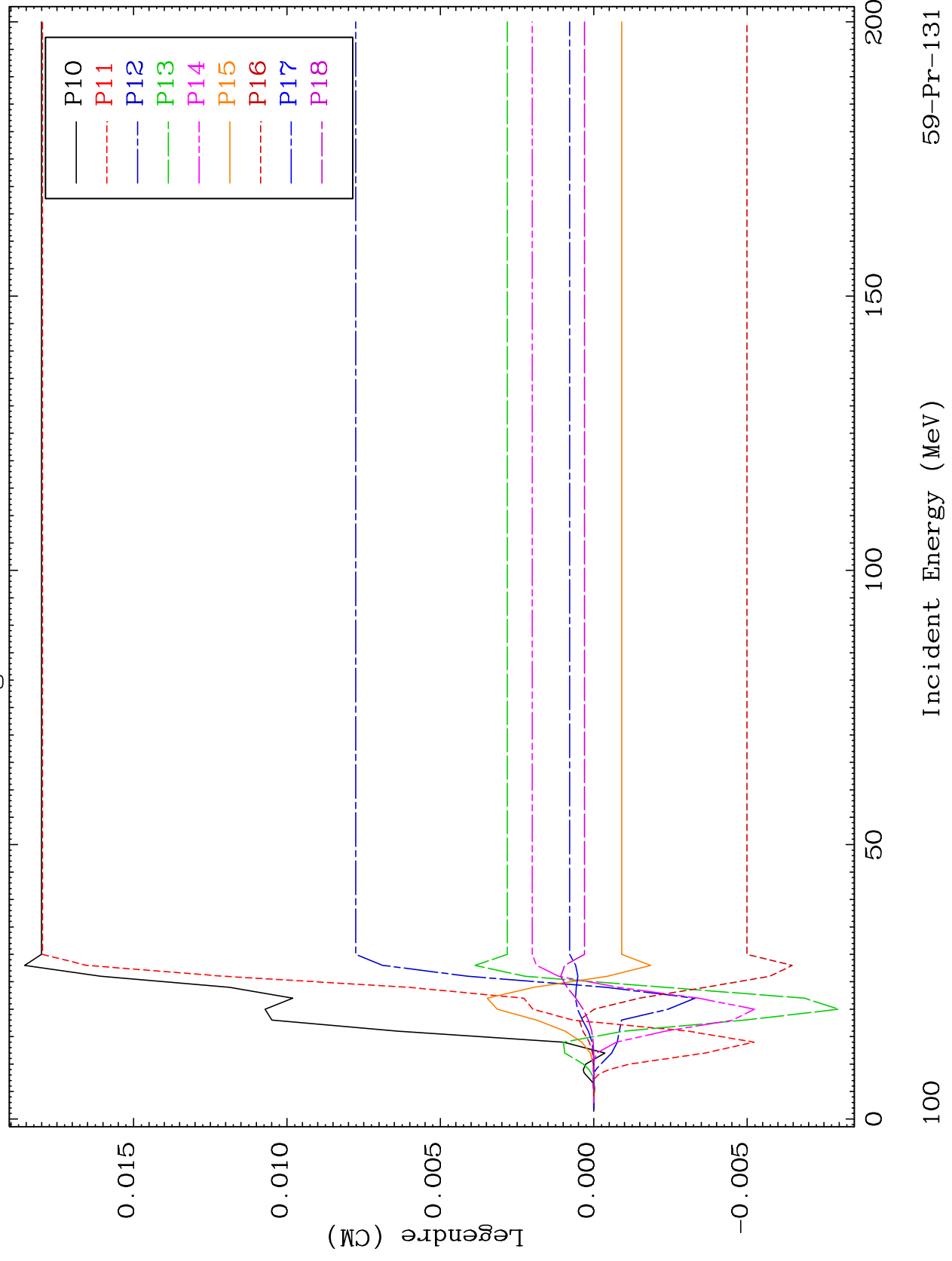
Incident Energy (MeV)

59-Pr-131

MAT 5895

975.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



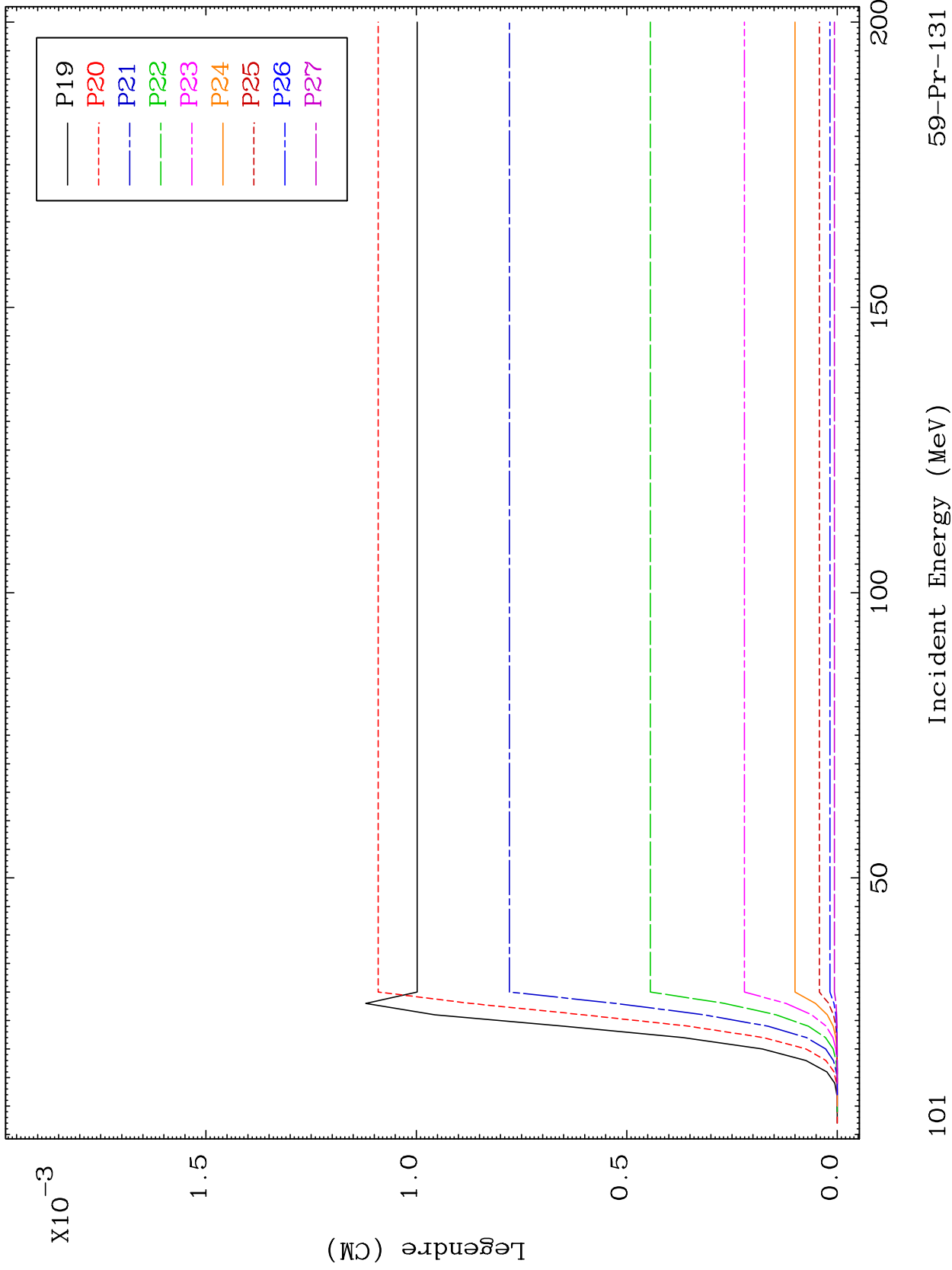
59-Pr-131

Incident Energy (MeV)

MAT 5895

975.6 keV (n,n') Level  
Legendre Coefficients

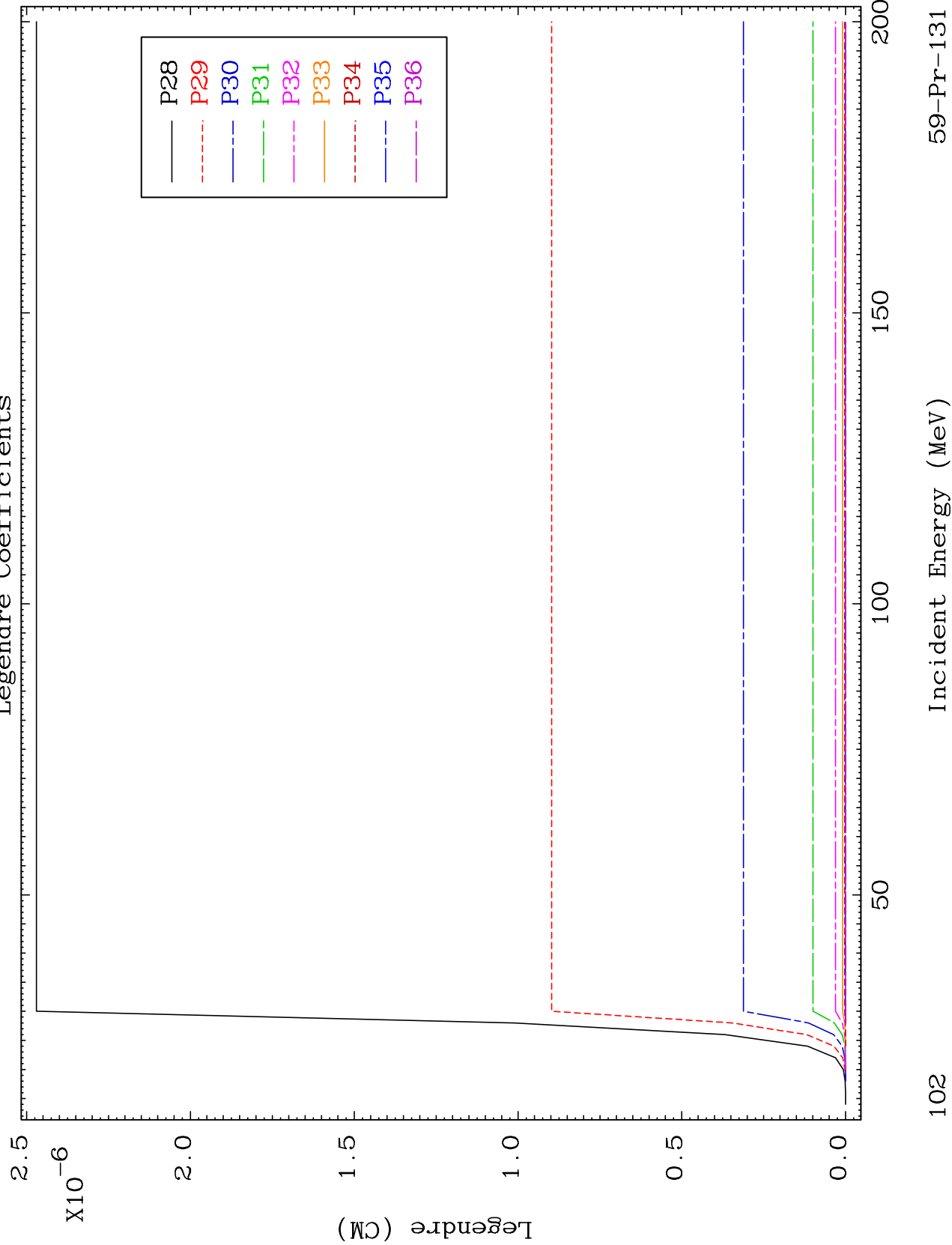
59-Pr-131



101

Incident Energy (MeV)

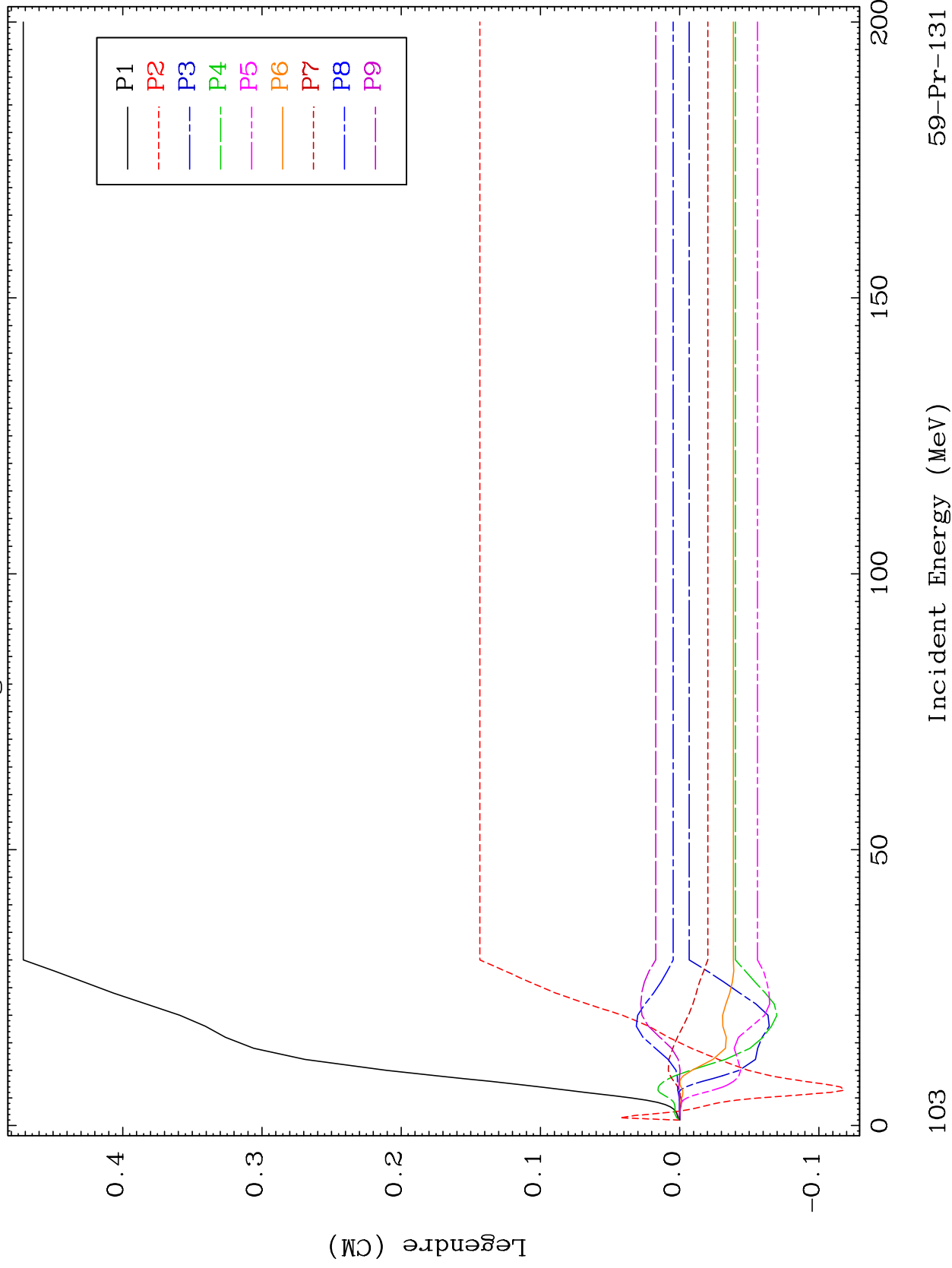
59-Pr-131



MAT 5895

980.0 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



59-Pr-131

Incident Energy (MeV)

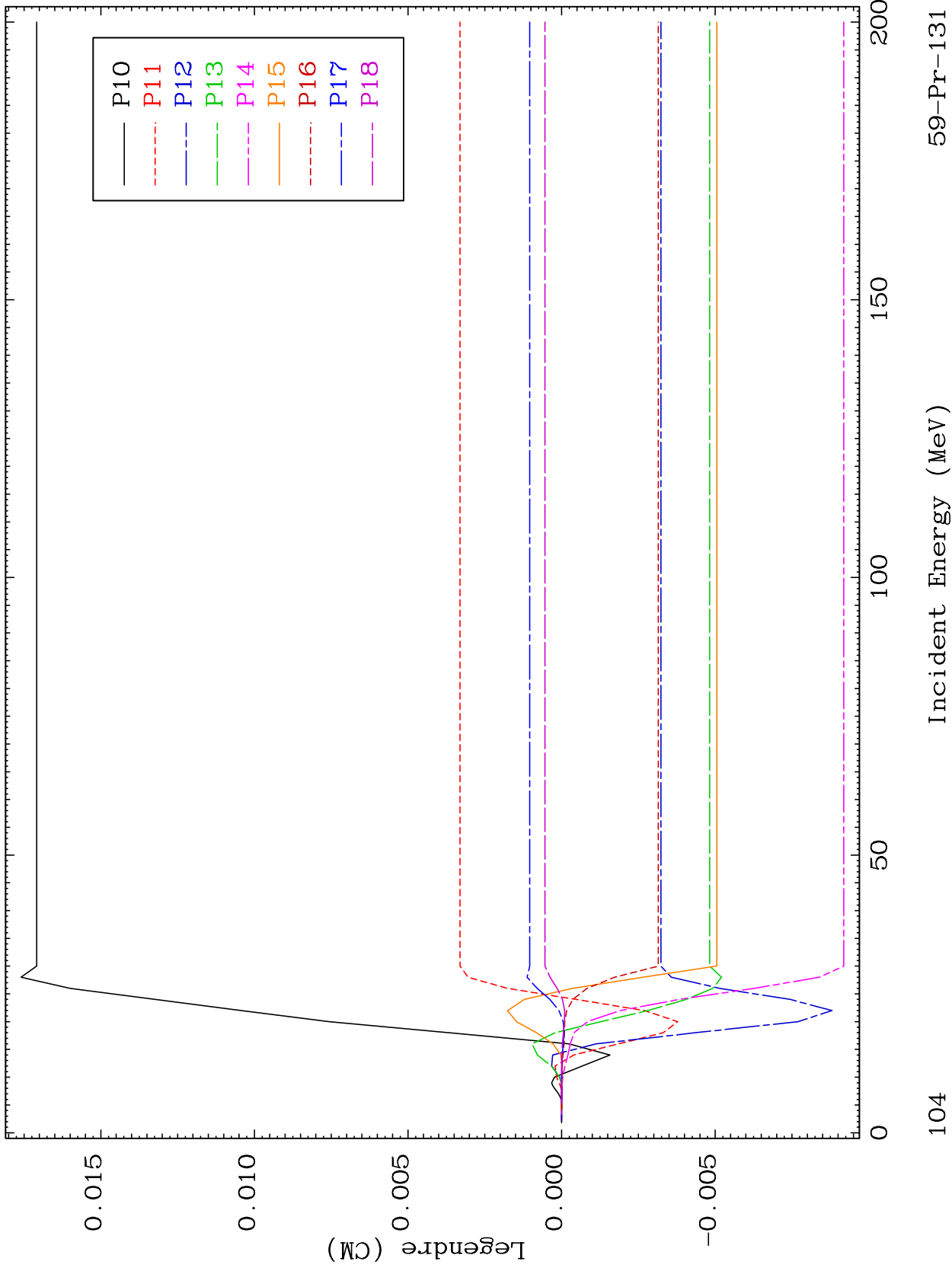
103



MAT 5895

980.0 keV (n,n') Level  
Legendre Coefficients

59-Pr-131



104

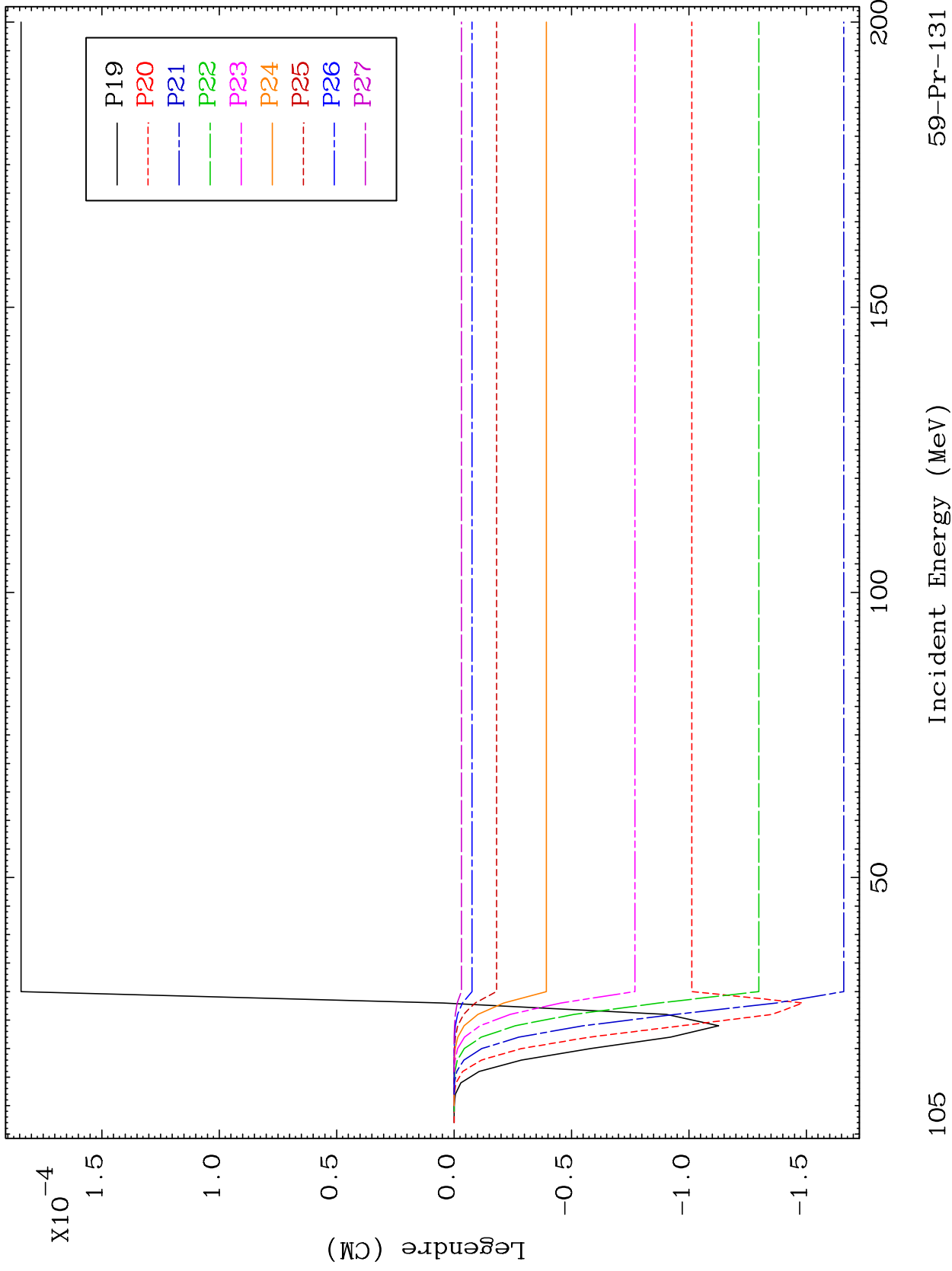
Incident Energy (MeV)

59-Pr-131

MAT 5895

980.0 keV (n,n') Level  
Legendre Coefficients

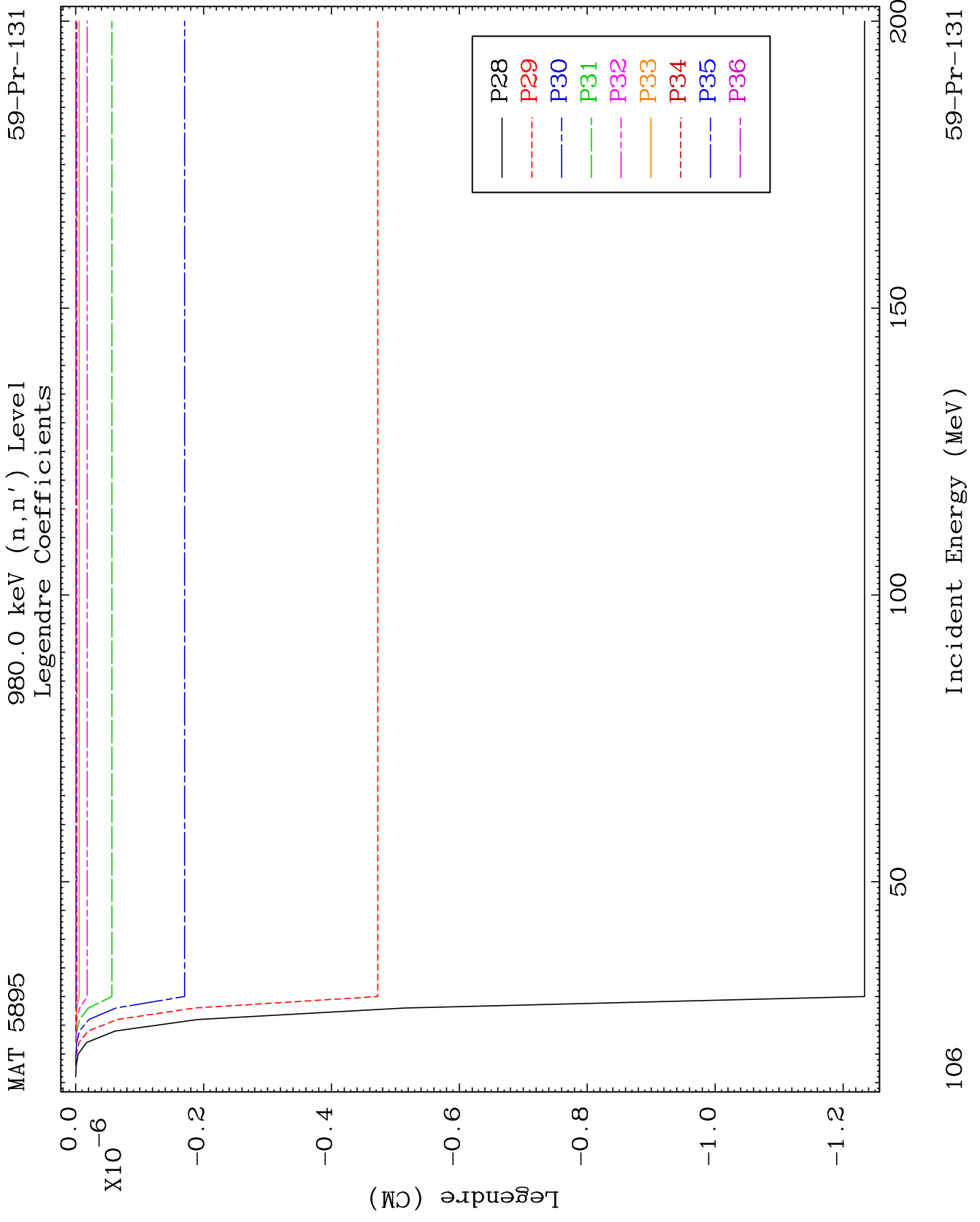
59-Pr-131



105

Incident Energy (MeV)

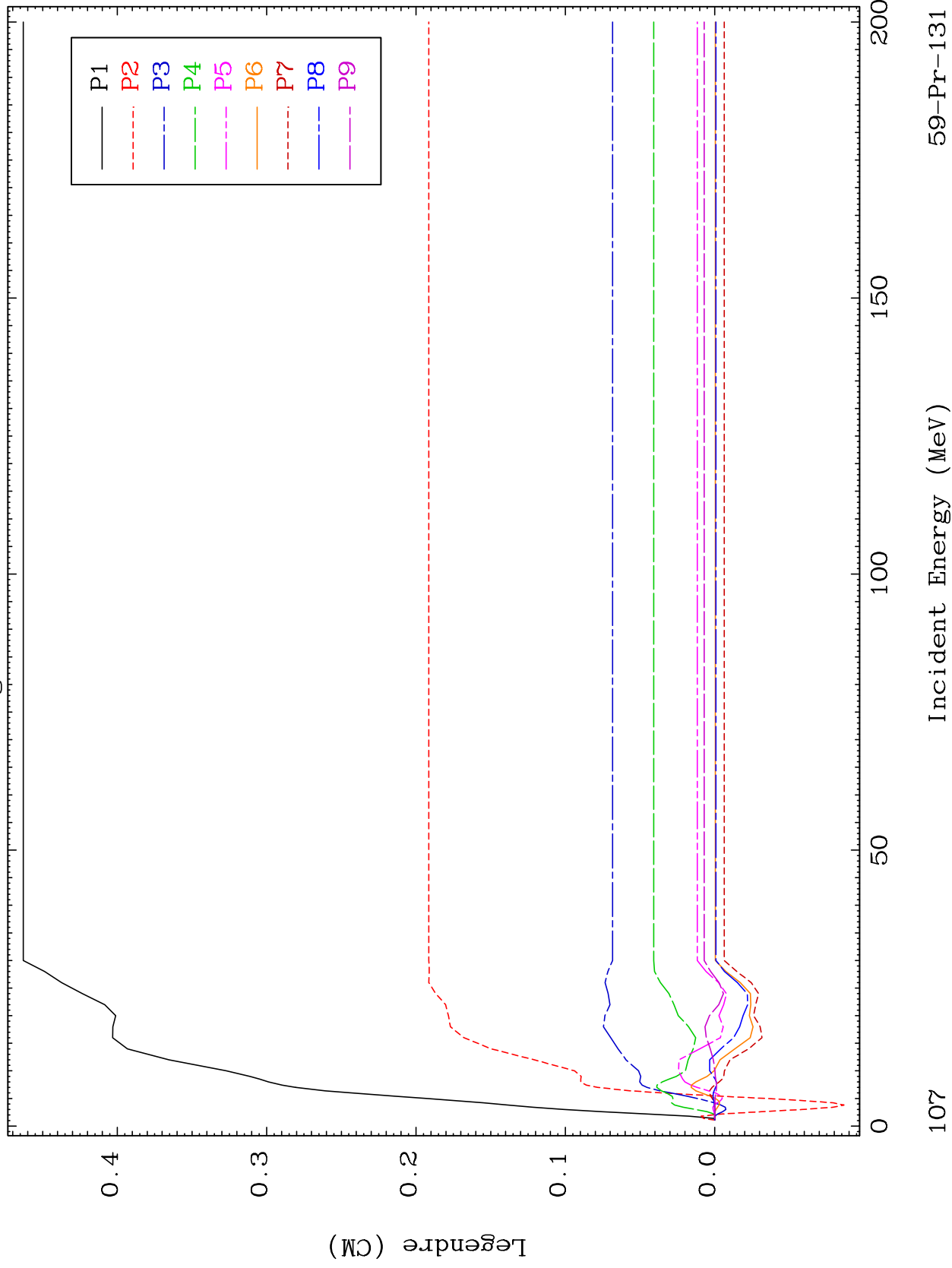
59-Pr-131



MAT 5895

1.076 MeV (n,n') Level  
Legendre Coefficients

59-Pr-131



59-Pr-131

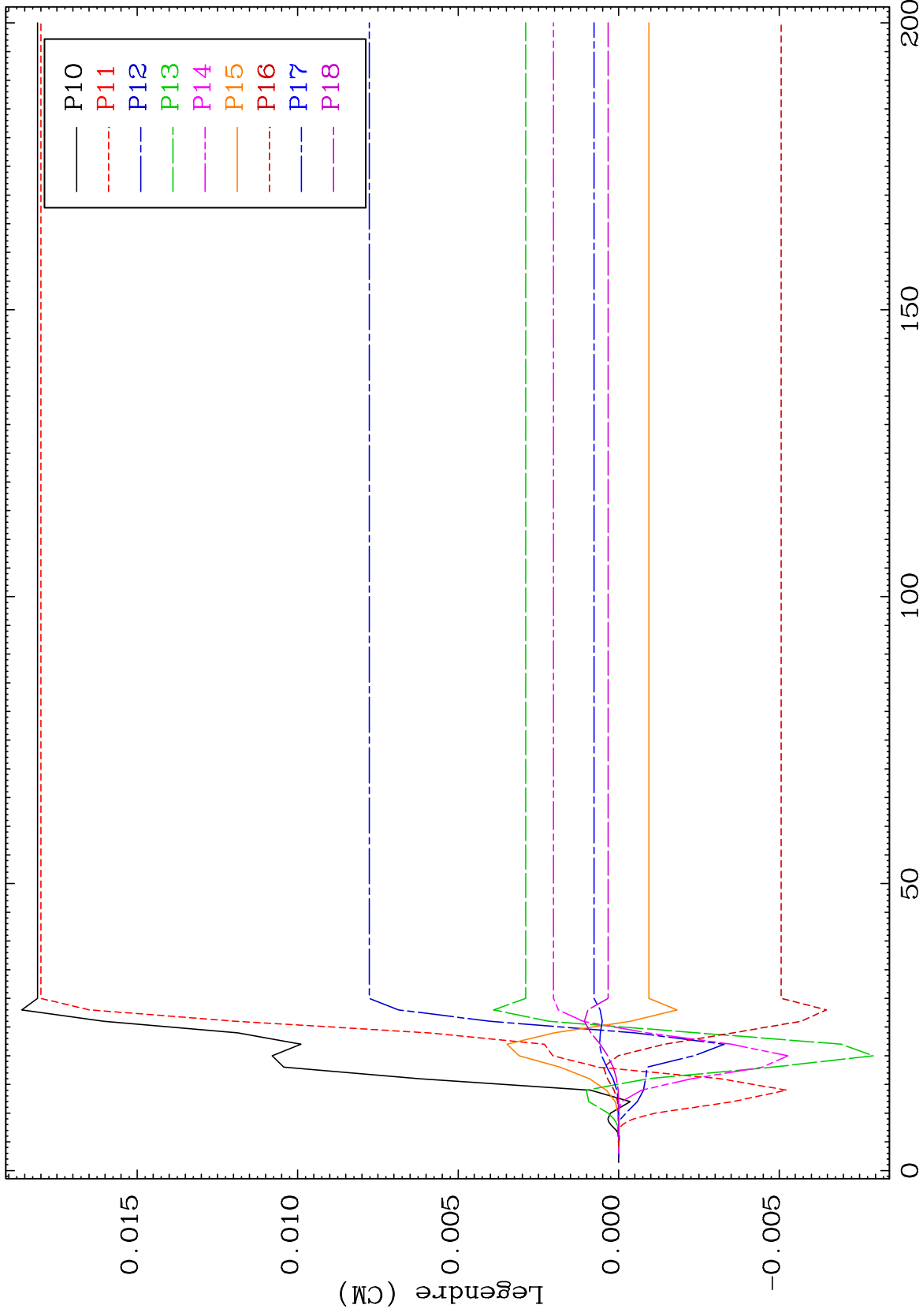
Incident Energy (MeV)

107

MAT 5895

1.076 MeV (n,n') Level  
Legendre Coefficients

59-Pr-131



108

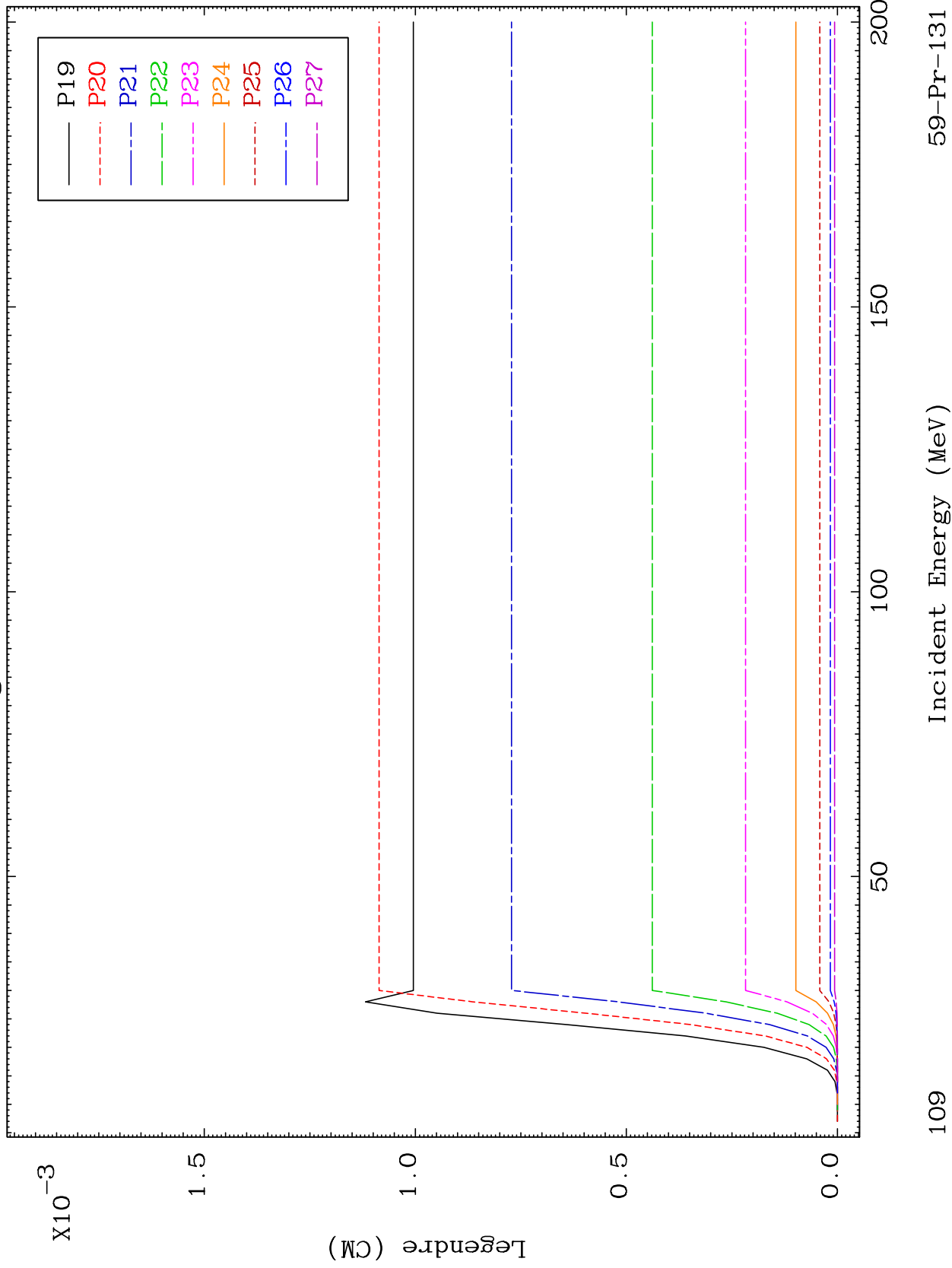
Incident Energy (MeV)

59-Pr-131

MAT 5895

1.076 MeV (n,n') Level  
Legendre Coefficients

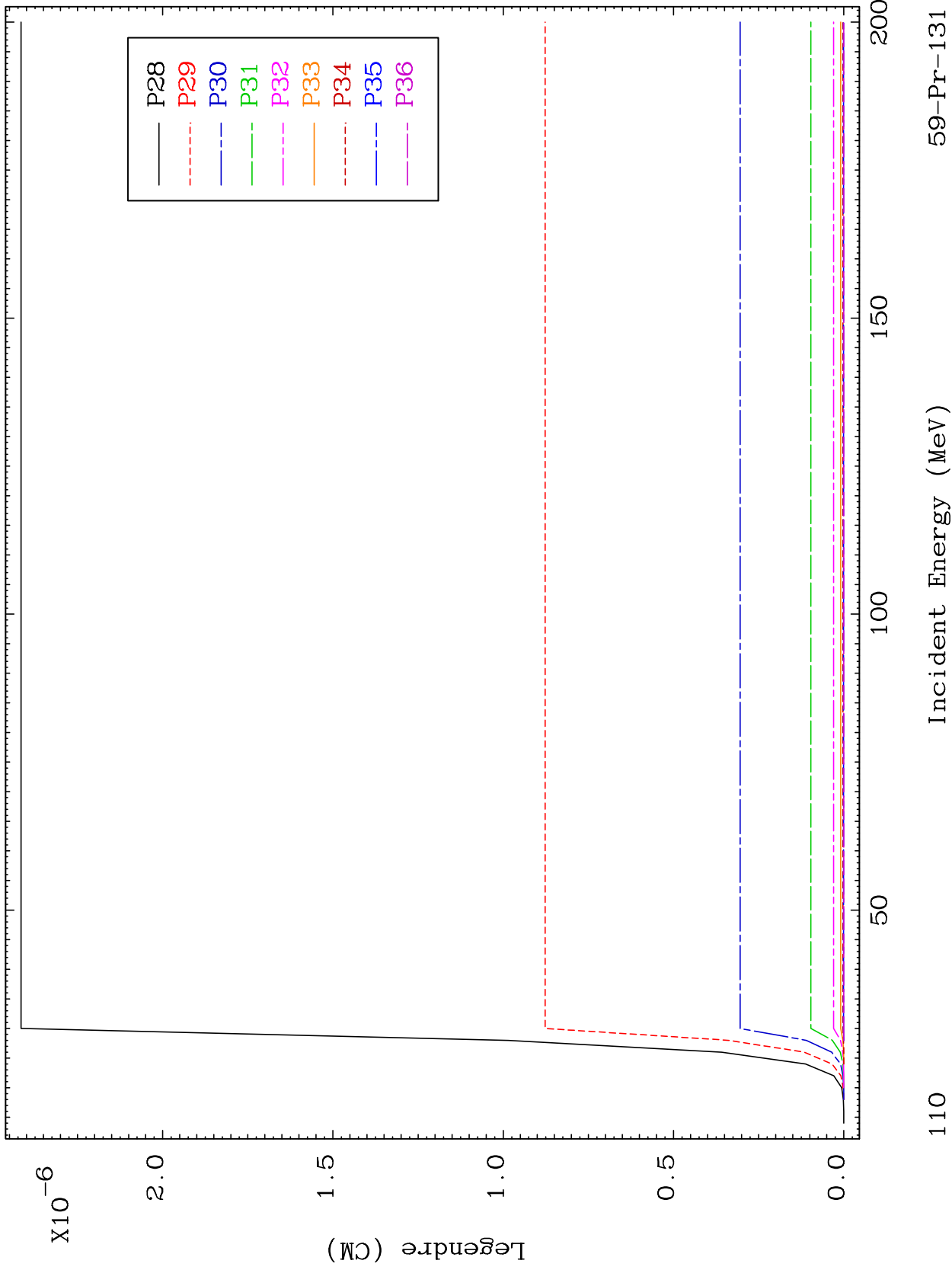
59-Pr-131



MAT 5895

1.076 MeV (n, n') Level  
Legendre Coefficients

59-Pr-131



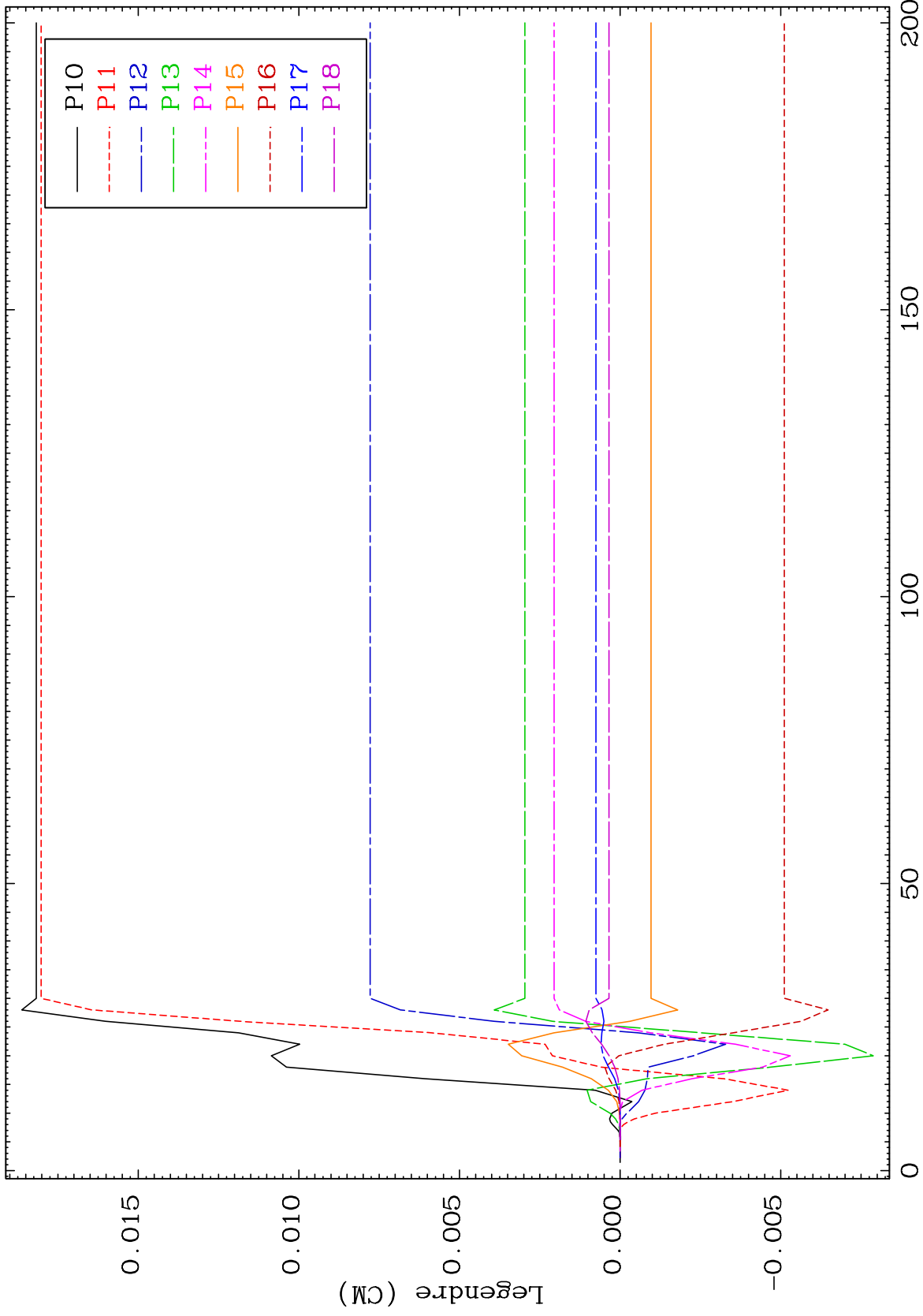




MAT 5895

1.156 MeV (n,n') Level  
Legendre Coefficients

59-Pr-131



112

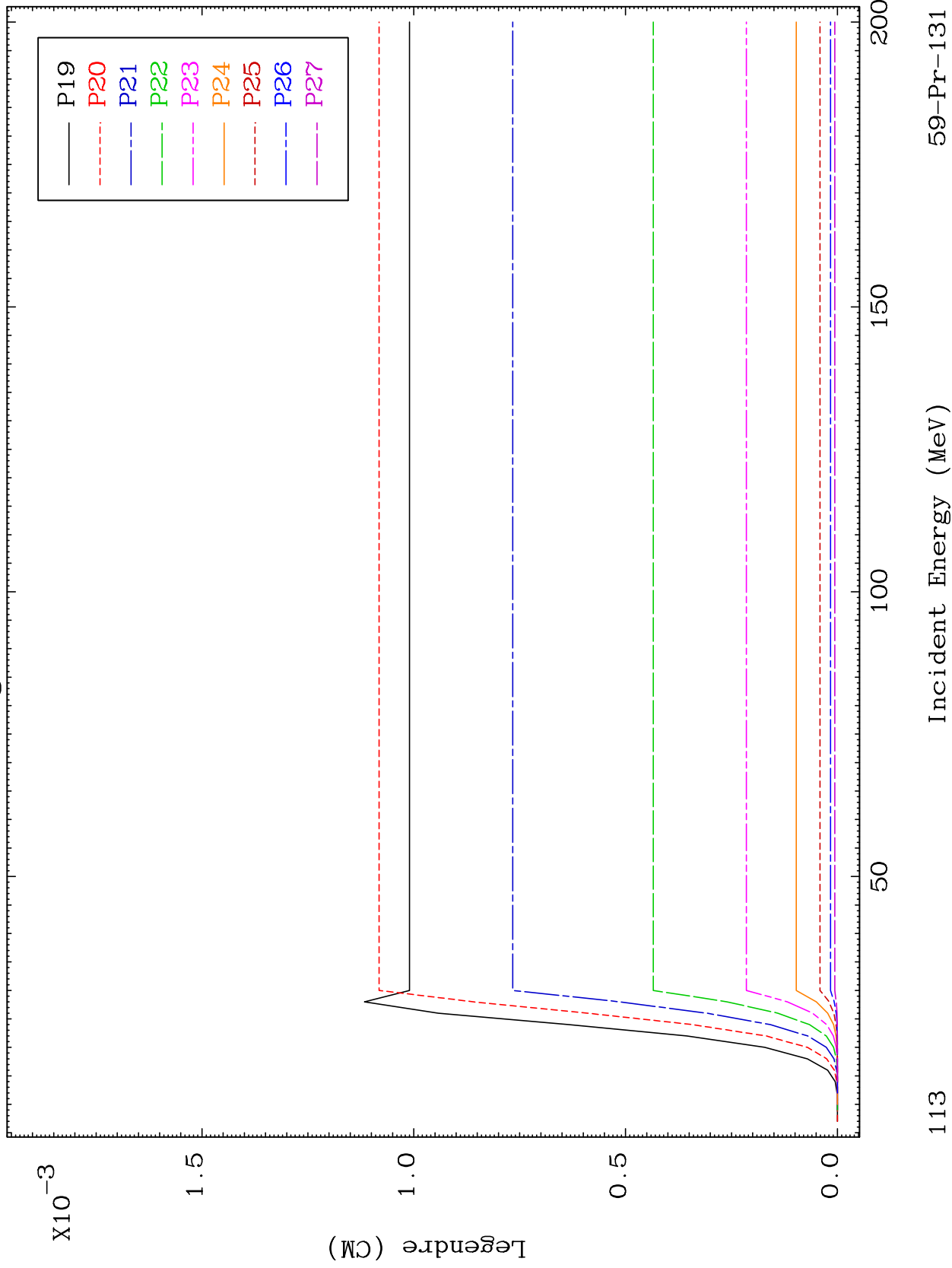
Incident Energy (MeV)

59-Pr-131

MAT 5895

1.156 MeV (n,n') Level  
Legendre Coefficients

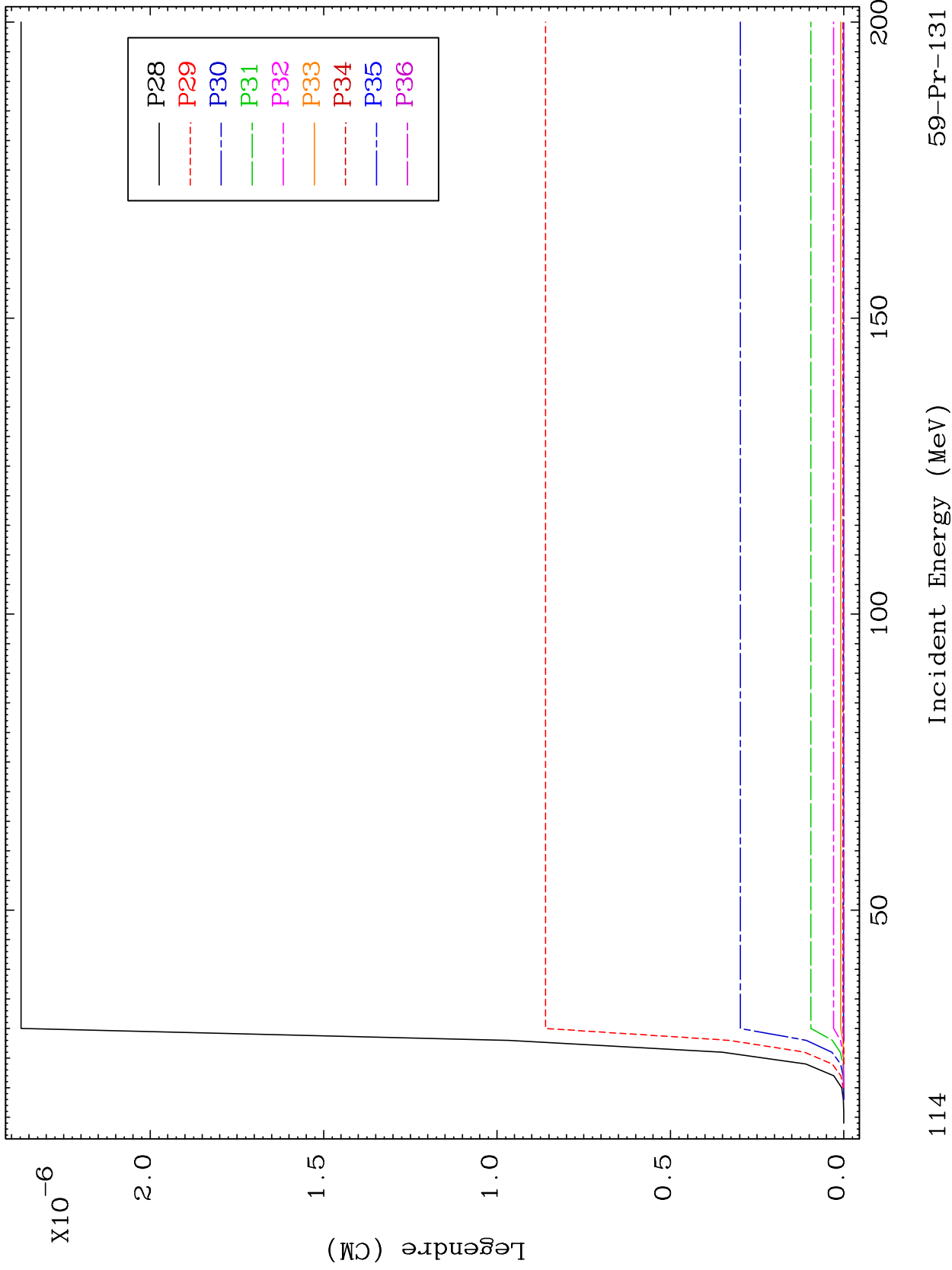
59-Pr-131



MAT 5895

1.156 MeV (n,n') Level  
Legendre Coefficients

59-Pr-131



114

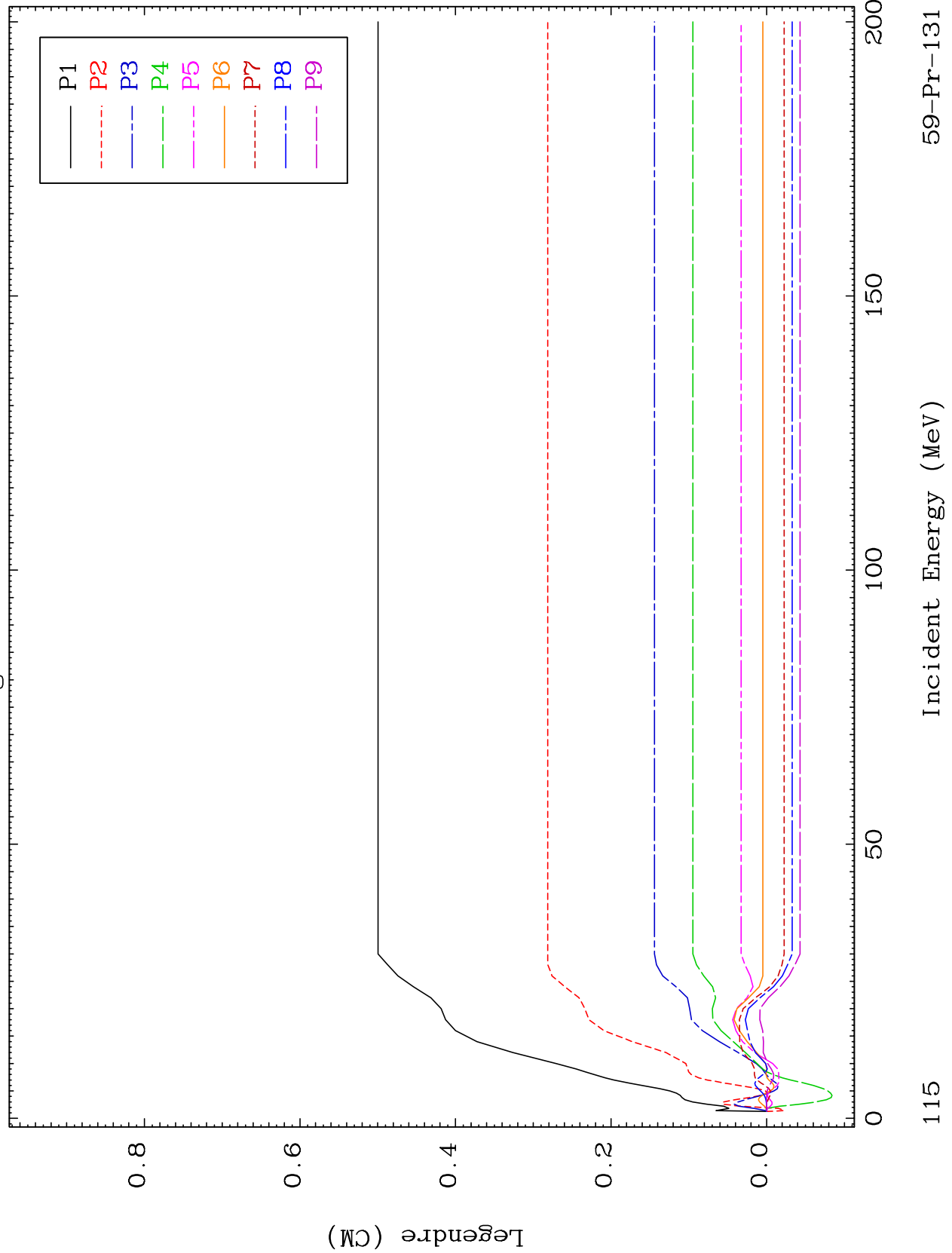
Incident Energy (MeV)

59-Pr-131

MAT 5895

1.240 MeV (n,n') Level  
Legendre Coefficients

59-Pr-131



59-Pr-131

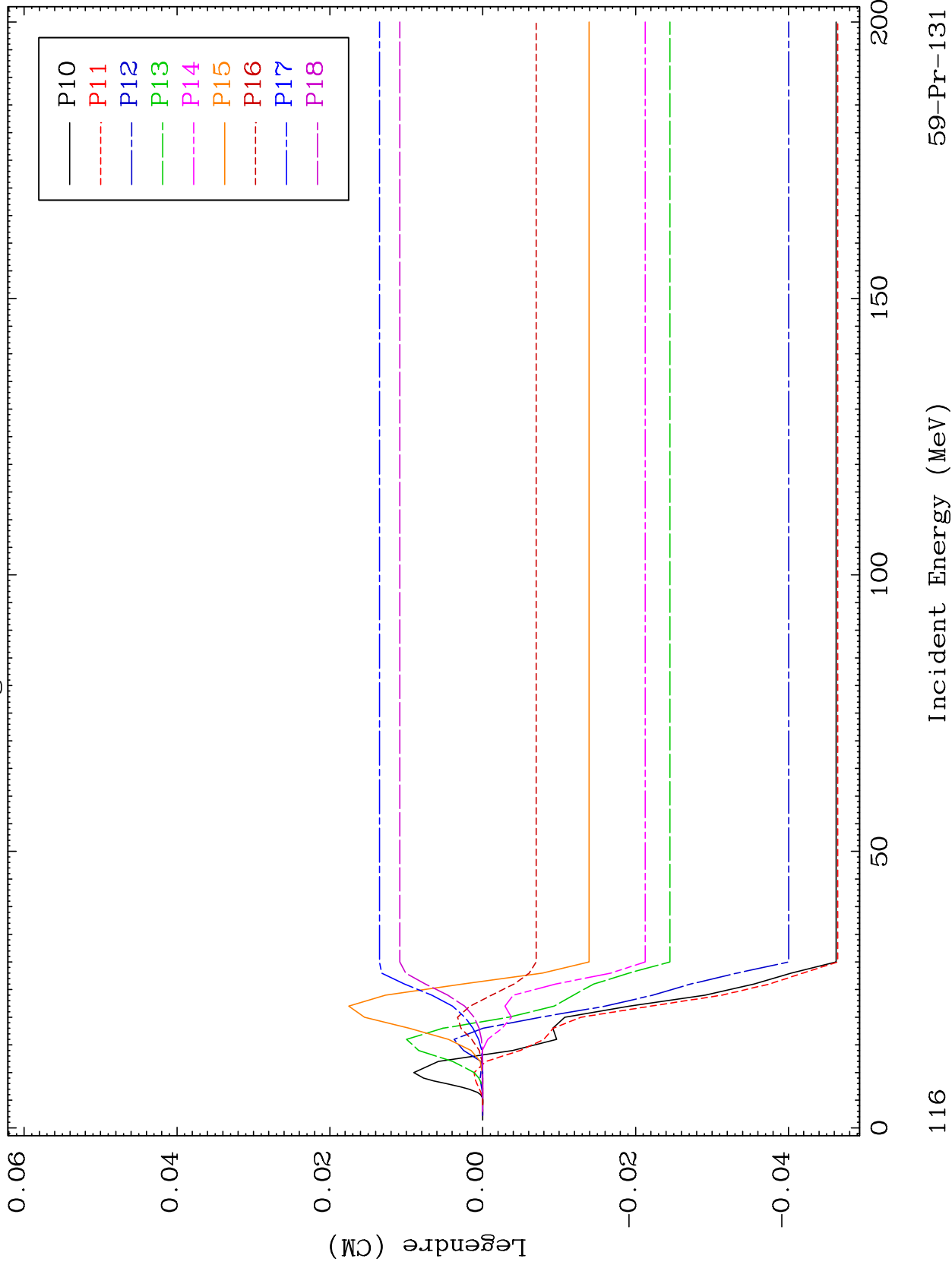
Incident Energy (MeV)

115

MAT 5895

1.240 MeV (n,n') Level  
Legendre Coefficients

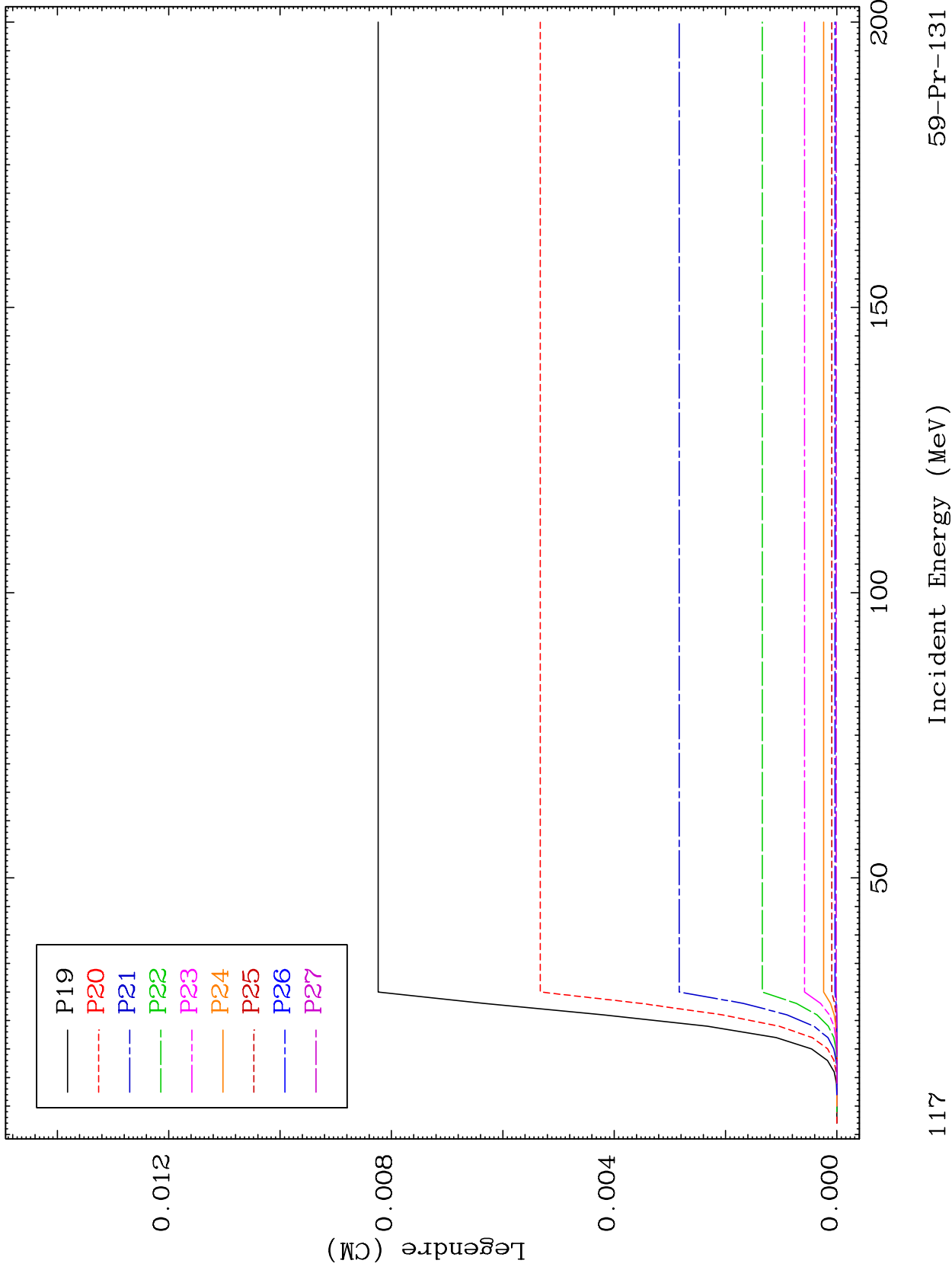
59-Pr-131



116

Incident Energy (MeV)

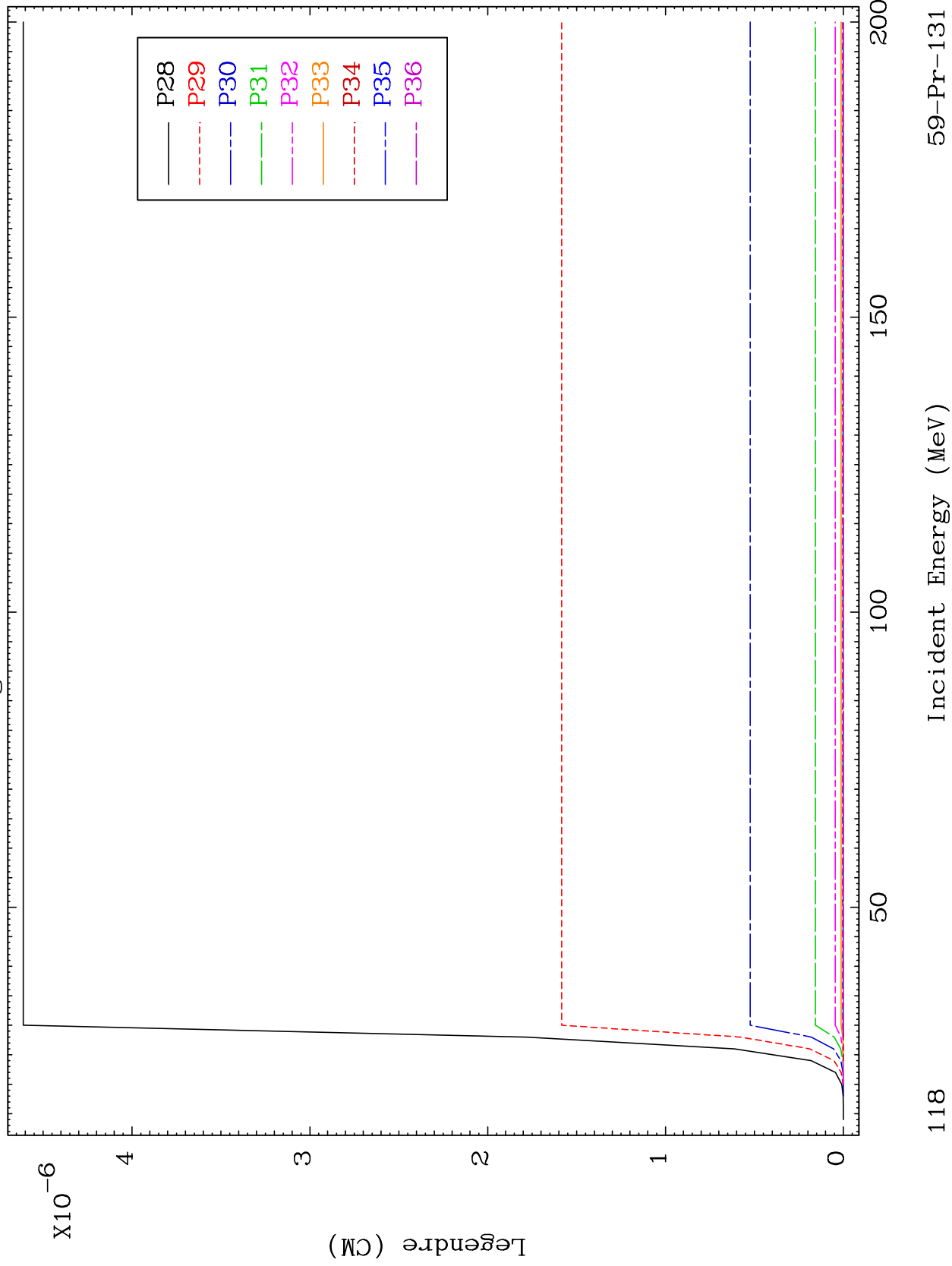
59-Pr-131



MAT 5895

1.240 MeV (n,n') Level  
Legendre Coefficients

59-Pr-131



118

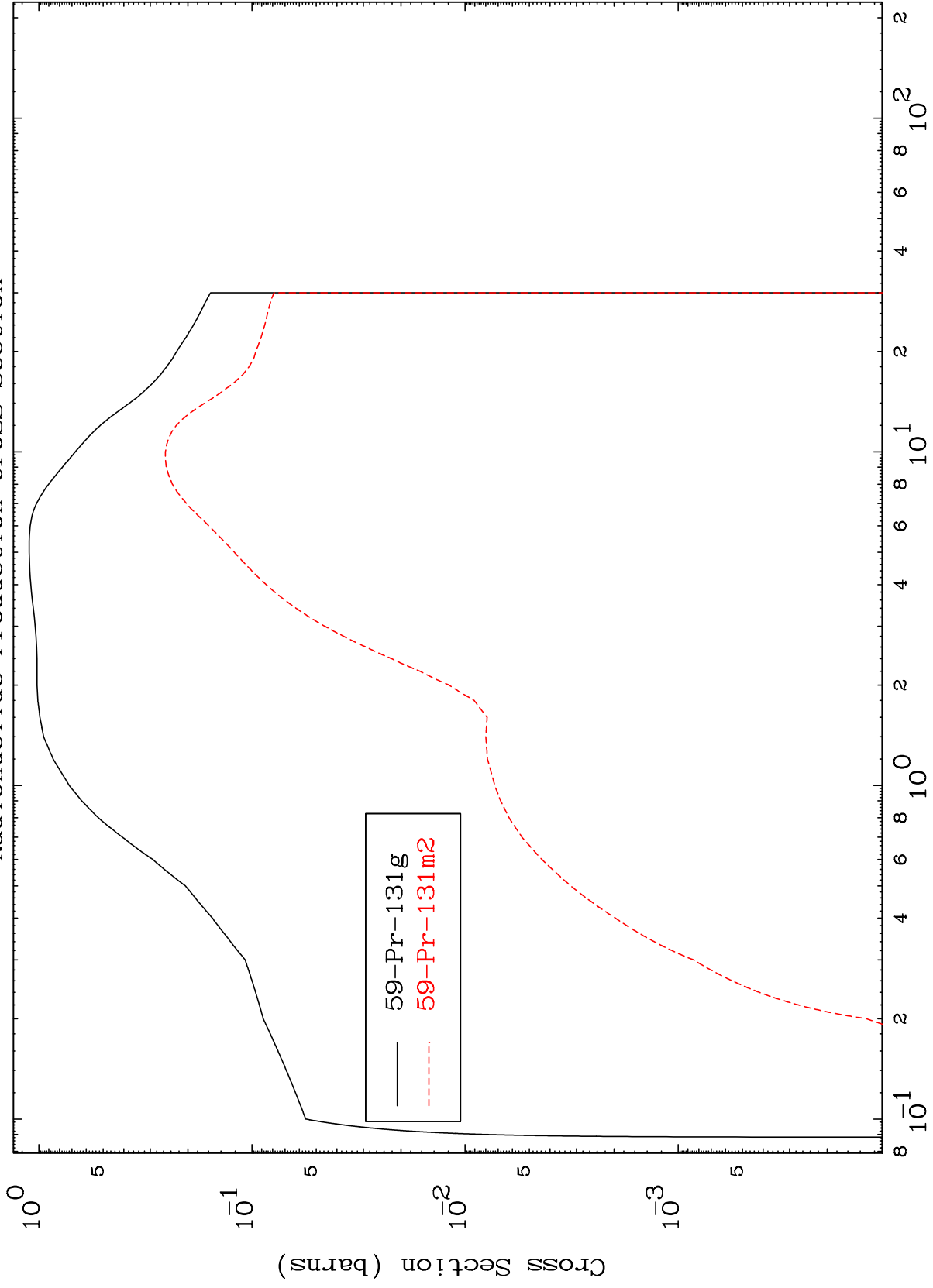
Incident Energy (MeV)

59-Pr-131

MAT 5895

59-Pr-131

Inelastic  
Radionuclide Production Cross Section



— 59-Pr-131g  
- - - 59-Pr-131m2

59-Pr-131

Incident Energy (MeV)

119

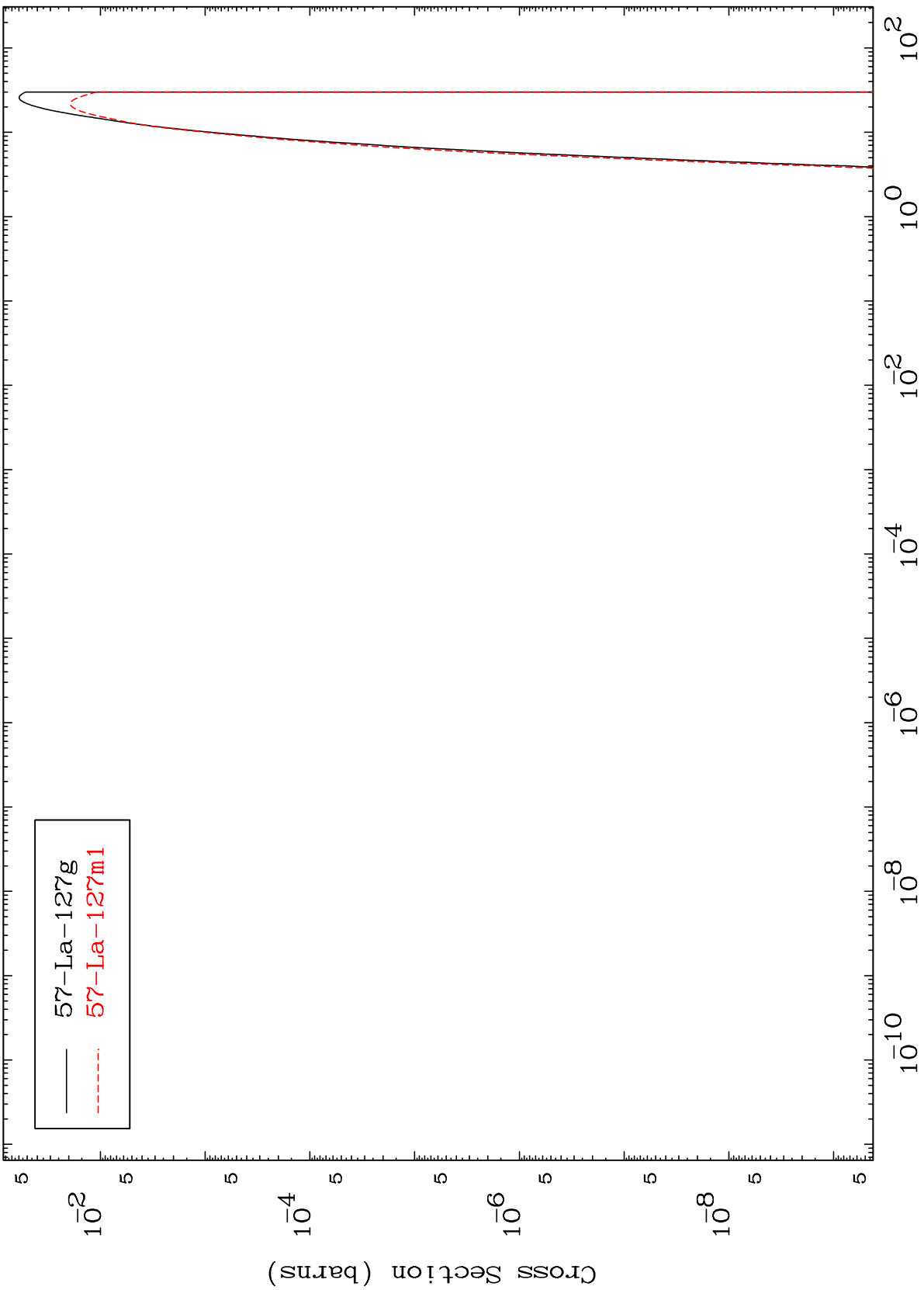


MAT 5895

(n,n')  $\alpha$

59-Pr-131

Radionuclide Production Cross Section



57-La-127g  
57-La-127m1

120

Incident Energy (MeV)

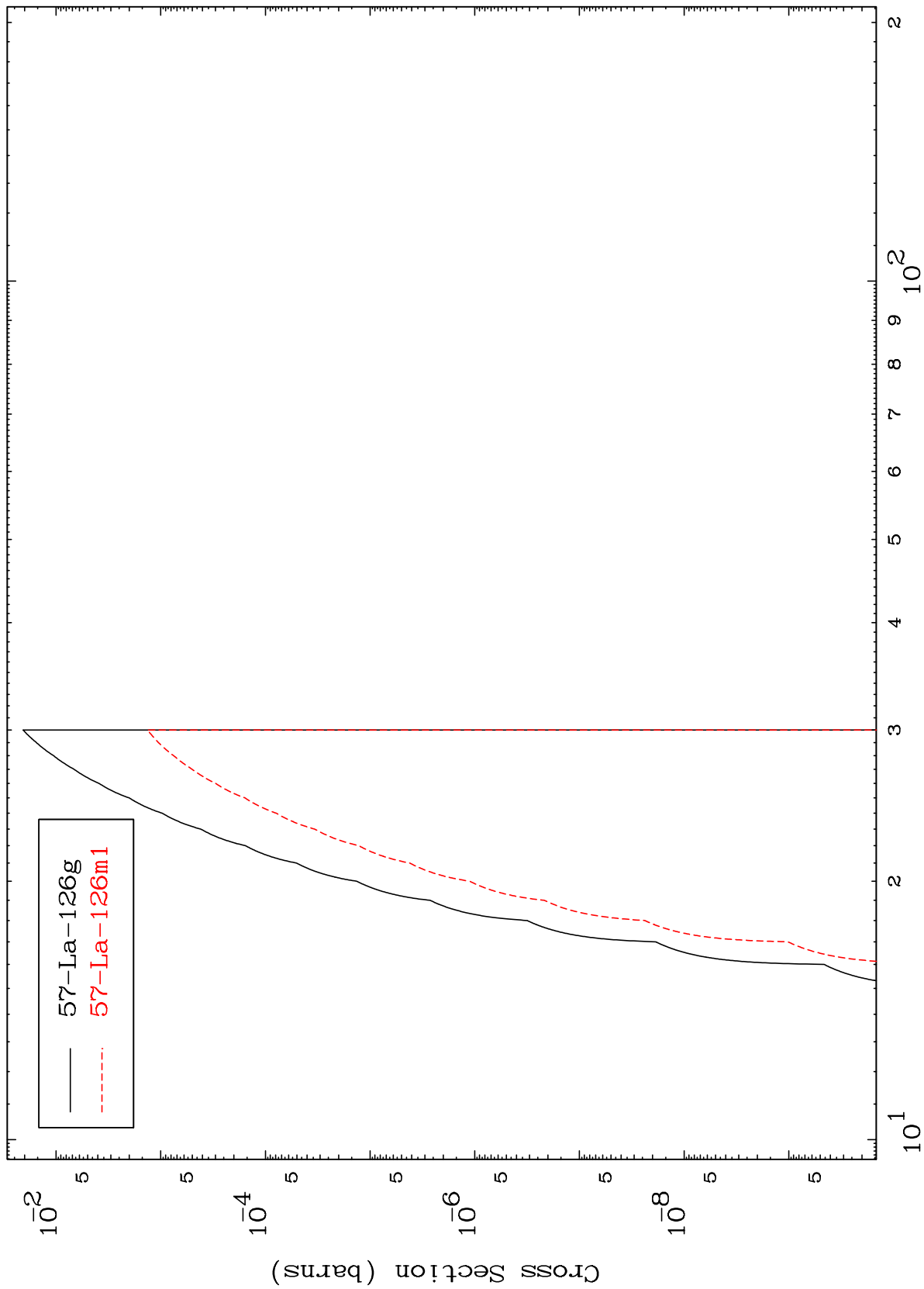
59-Pr-131

MAT 5895

(n,2n)  $\alpha$

59-Pr-131

Radionuclide Production Cross Section



121

Incident Energy (MeV)

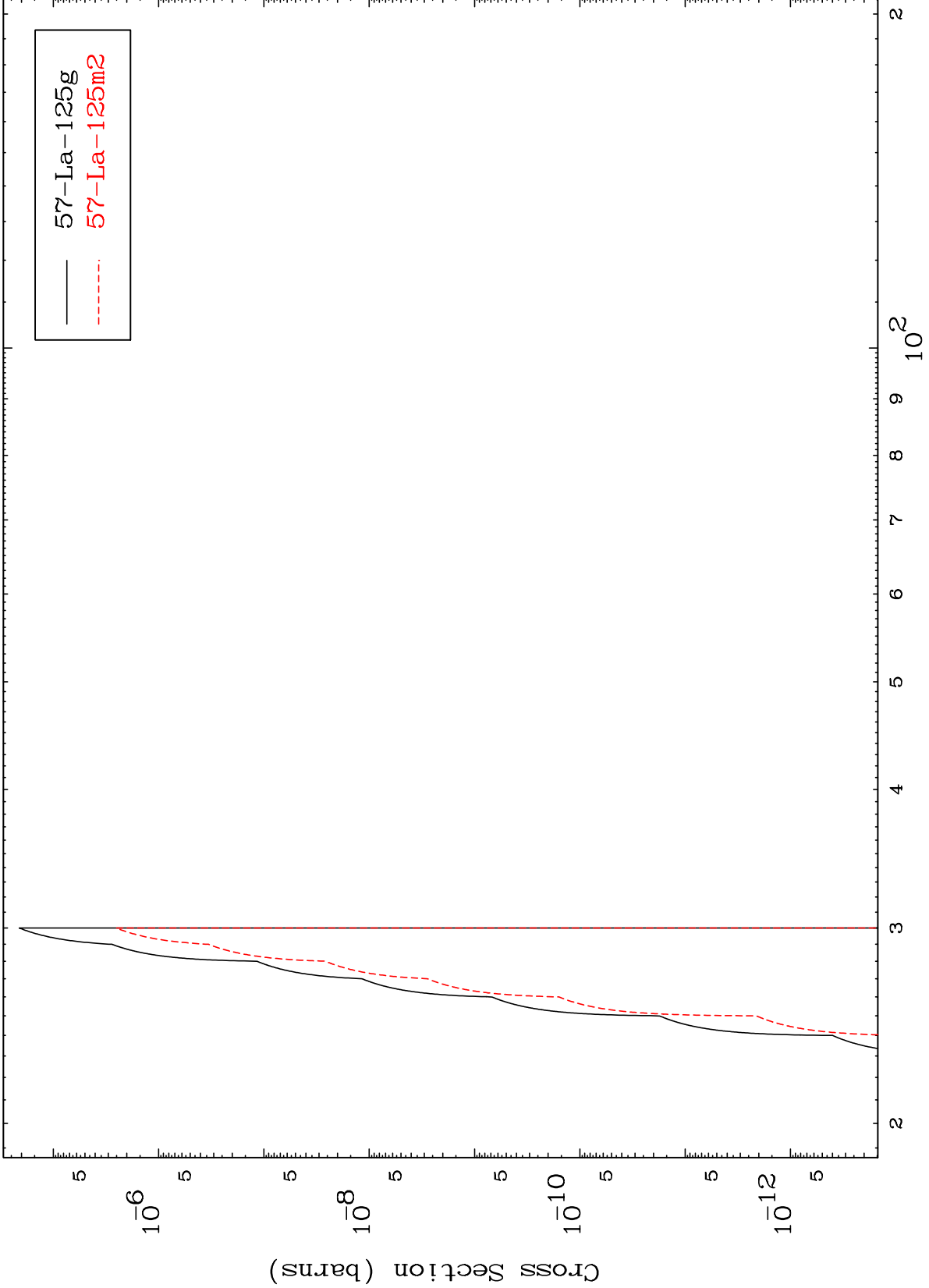
59-Pr-131

MAT 5895

(n,3n)  $\alpha$

59-Pr-131

Radionuclide Production Cross Section



122

Incident Energy (MeV)

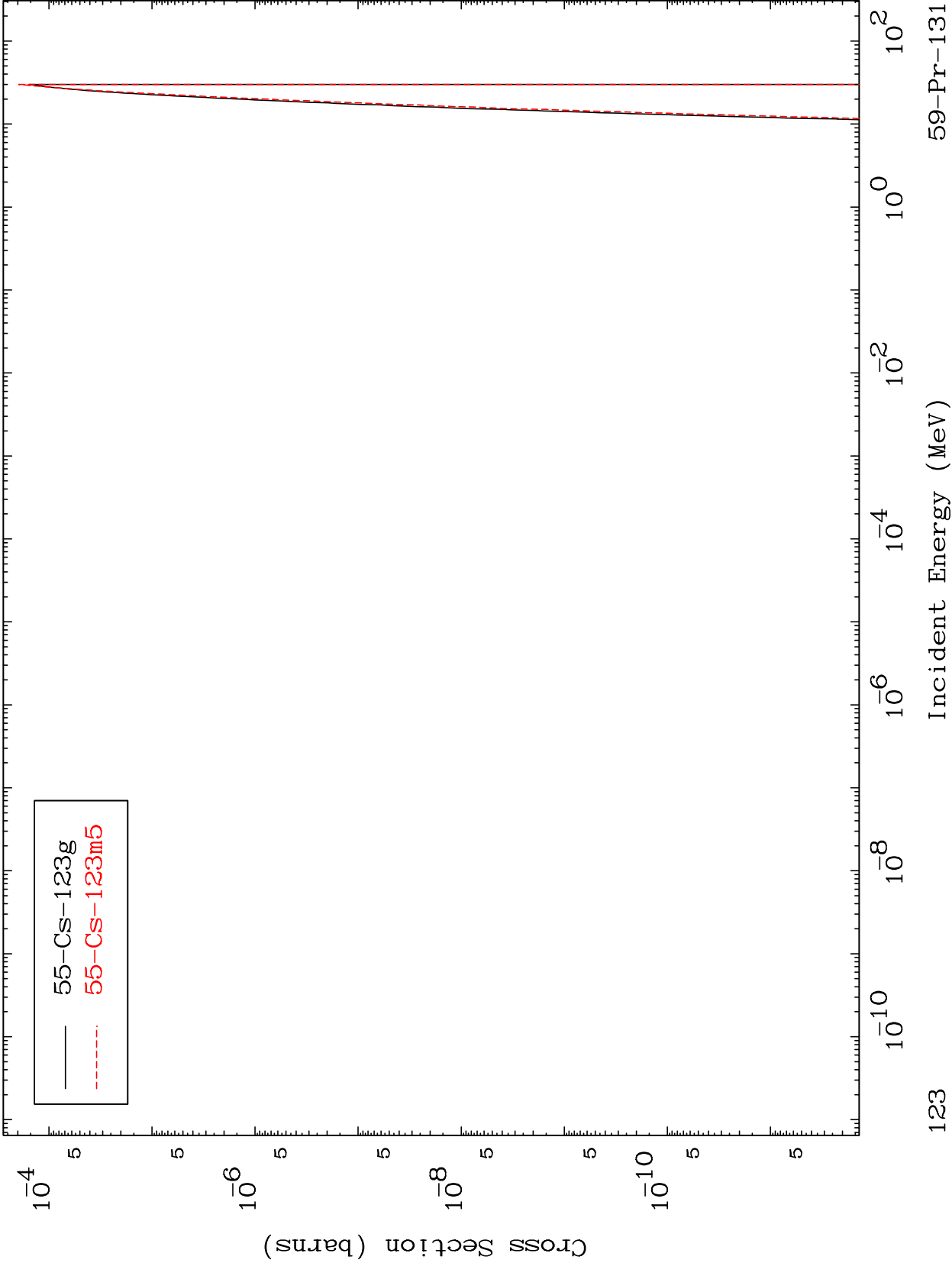
59-Pr-131

MAT 5895

(n,n') 2α

59-Pr-131

Radionuclide Production Cross Section



123

Incident Energy (MeV)

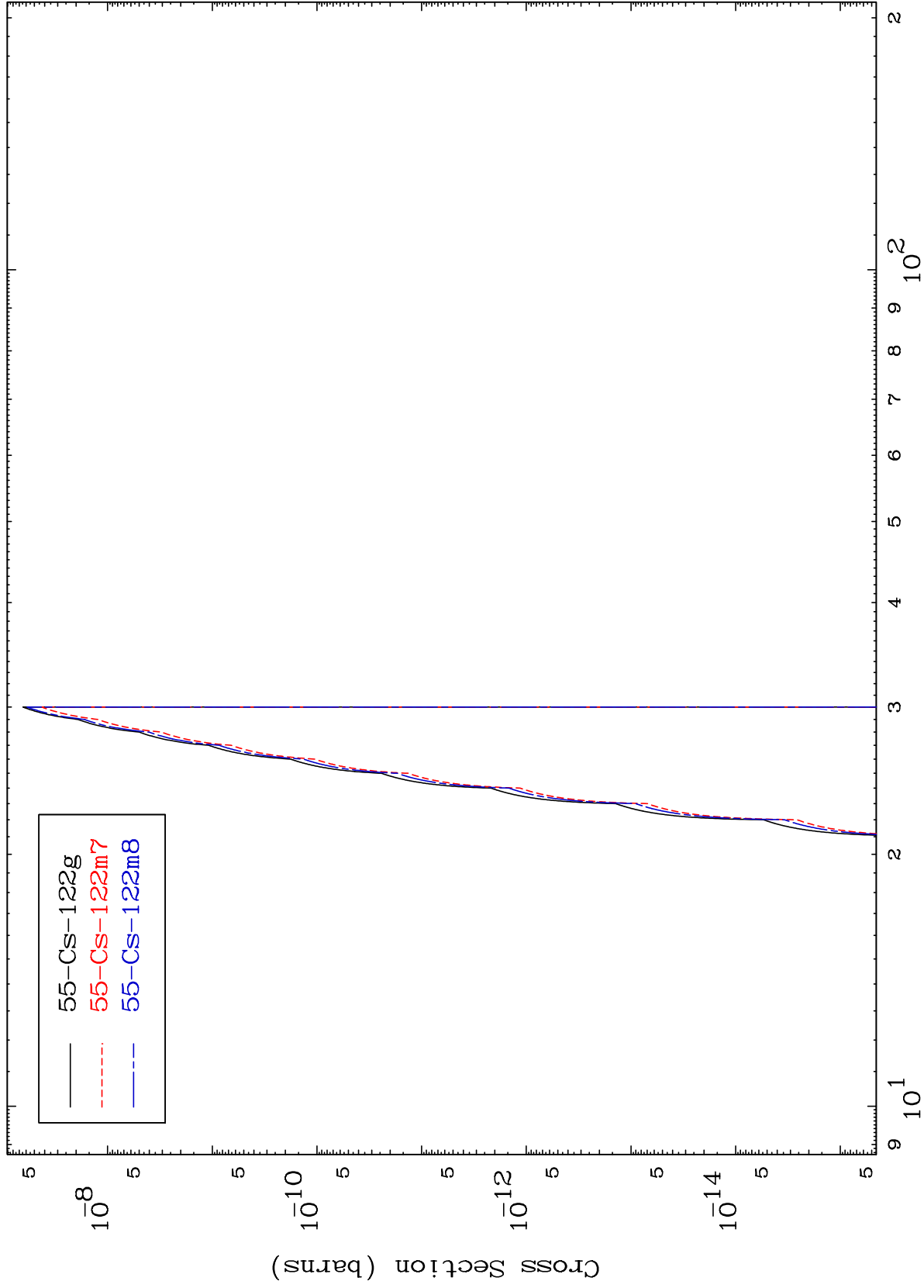
59-Pr-131

MAT 5895

(n,2n) 2α

59-Pr-131

Radionuclide Production Cross Section



124

Incident Energy (MeV)

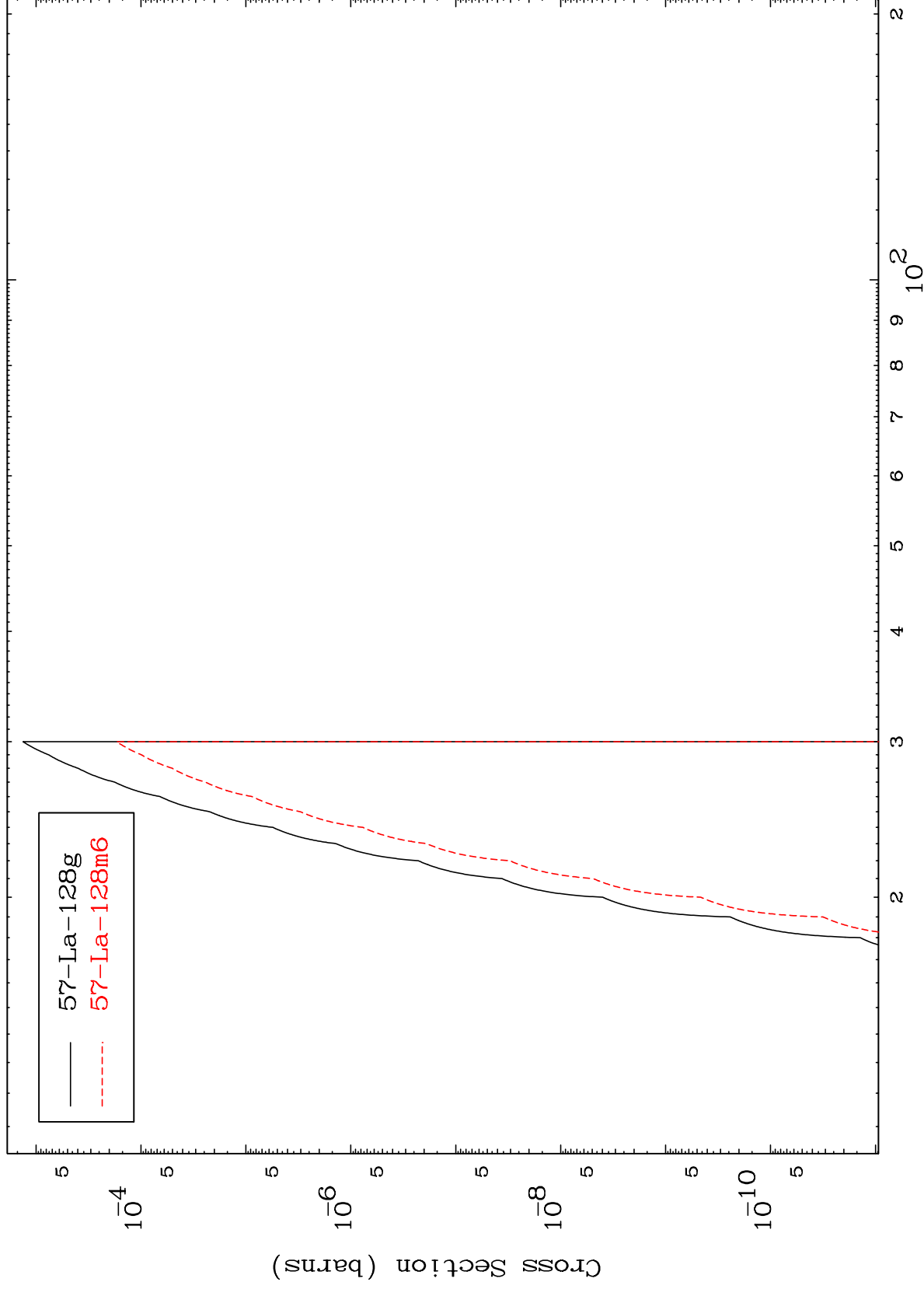
59-Pr-131

MAT 5895

(n,n') He-3

59-Pr-131

Radionuclide Production Cross Section



125

Incident Energy (MeV)

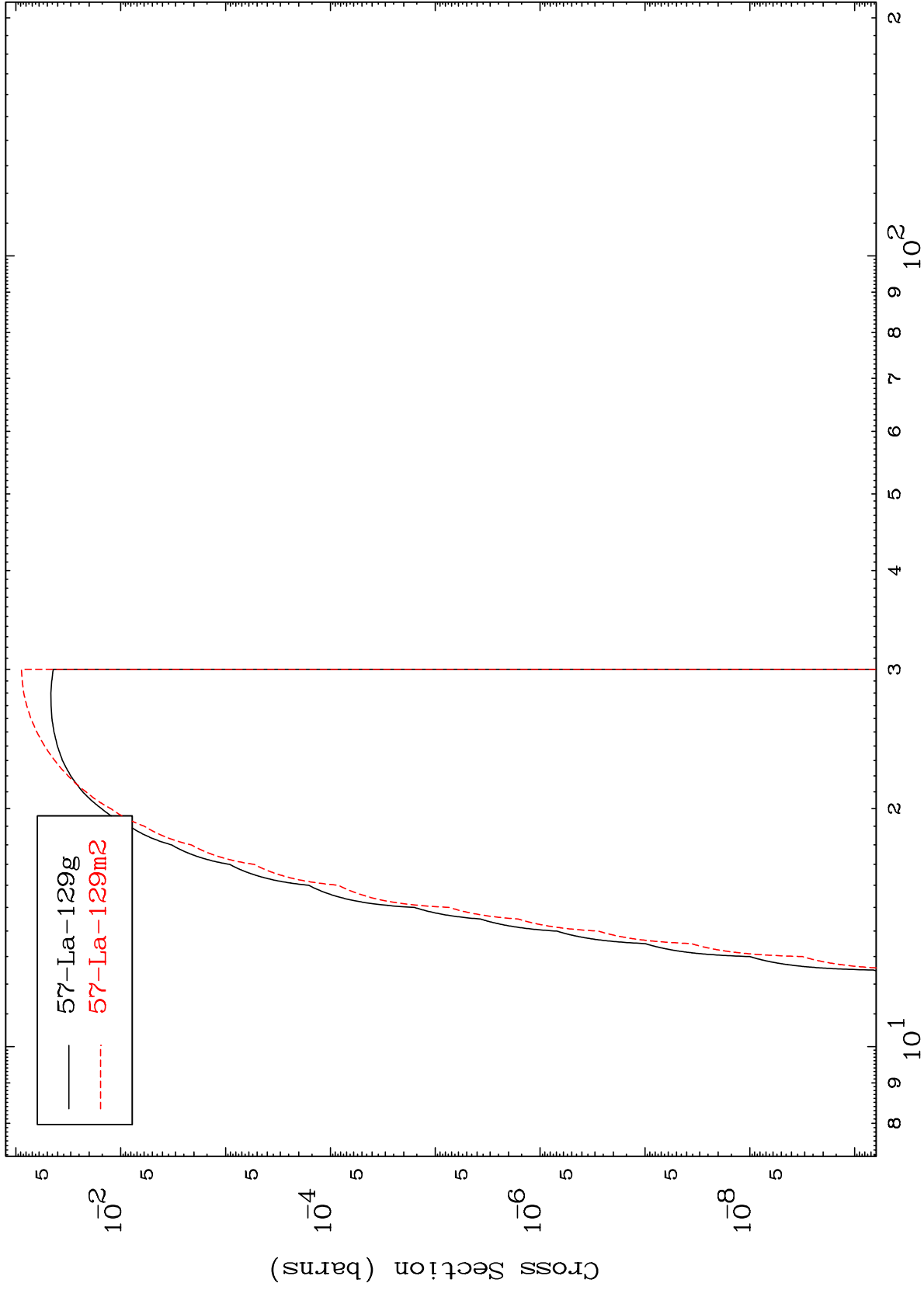
59-Pr-131

MAT 5895

(n,2n) p

59-Pr-131

Radionuclide Production Cross Section



126

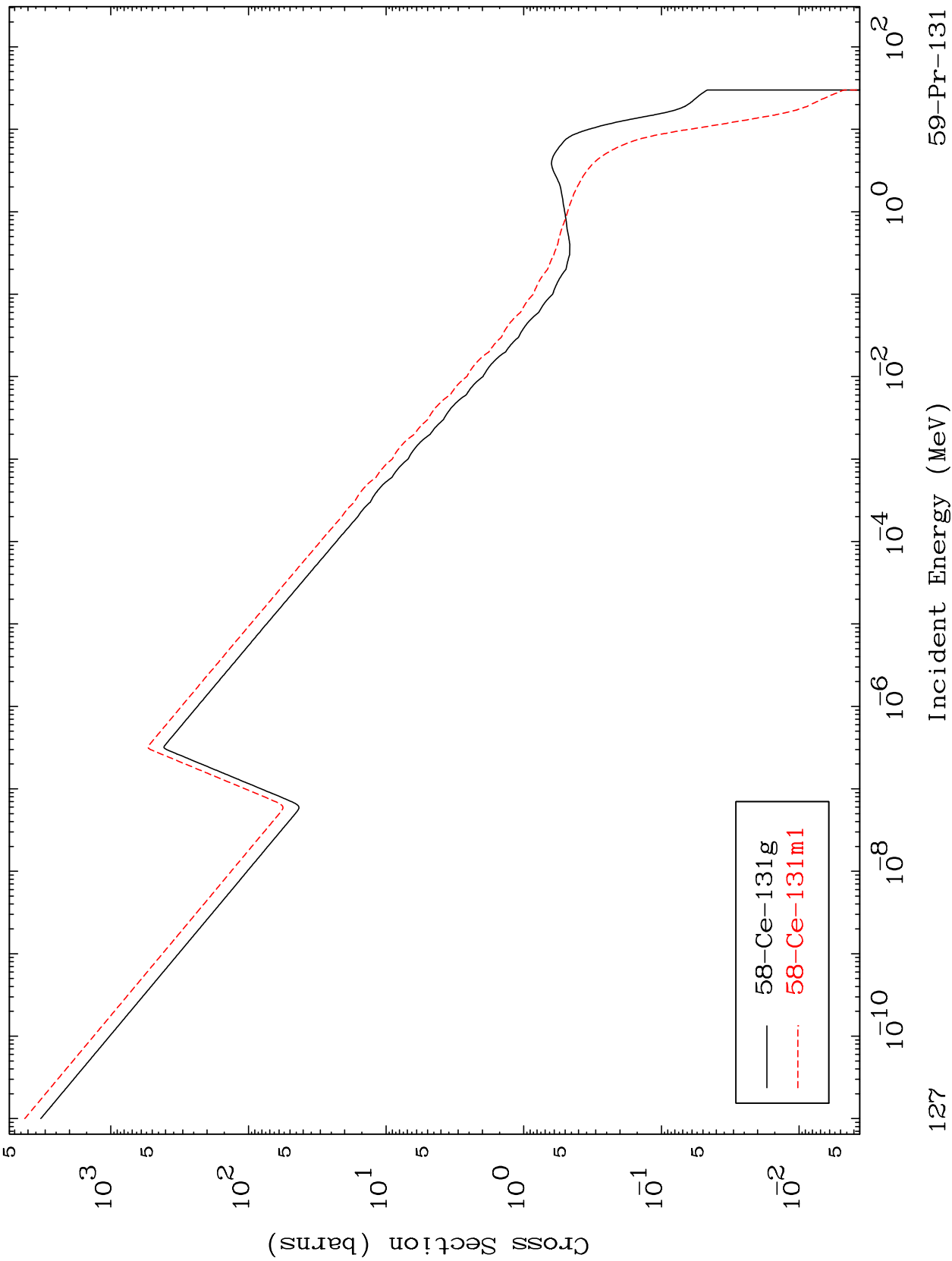
Incident Energy (MeV)

59-Pr-131

MAT 5895

59-Pr-131

(n,p)  
Radionuclide Production Cross Section



127

59-Pr-131

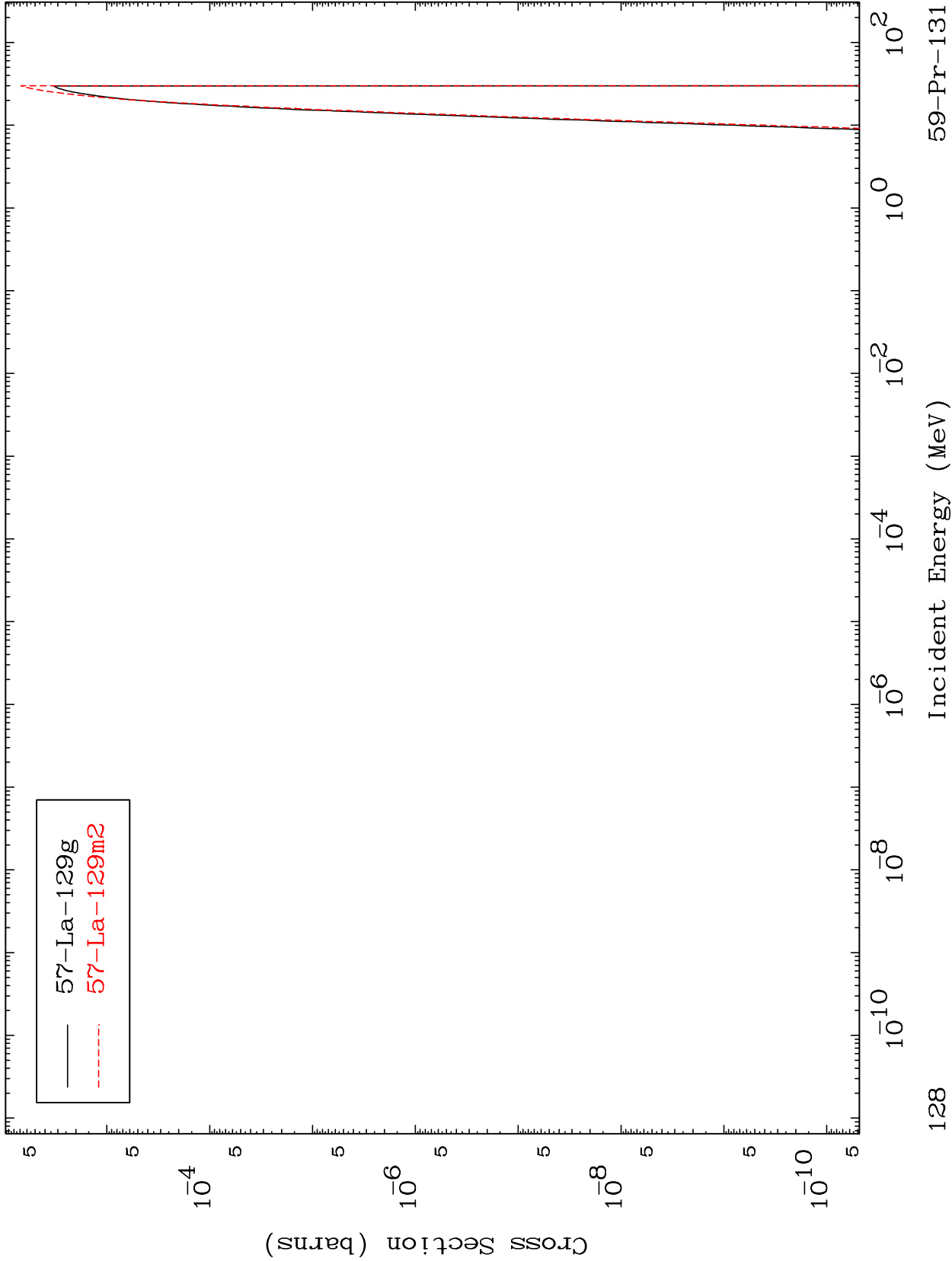


MAT 5895

(n,He-3)

59-Pr-131

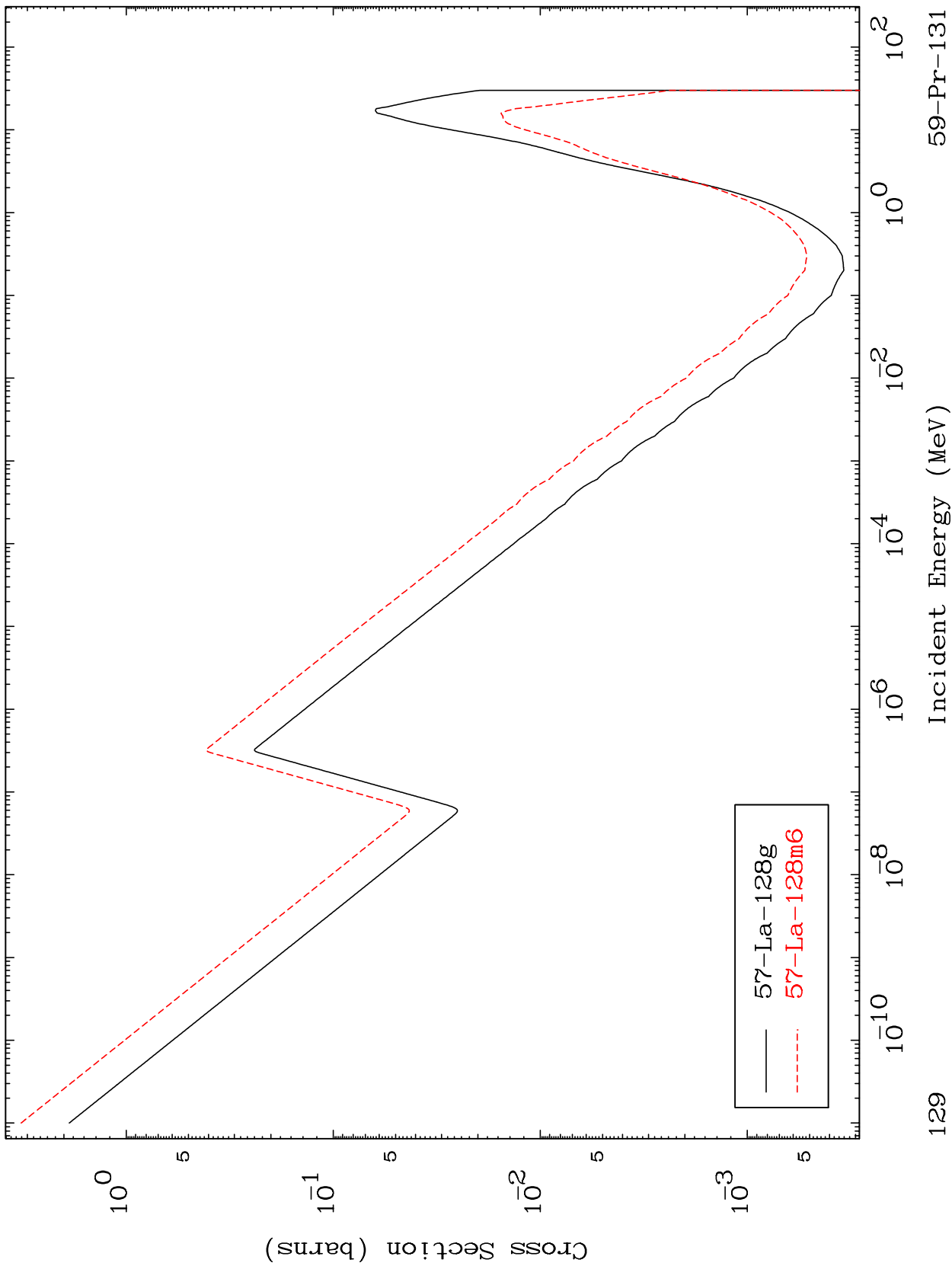
Radionuclide Production Cross Section



MAT 5895

59-Pr-131

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

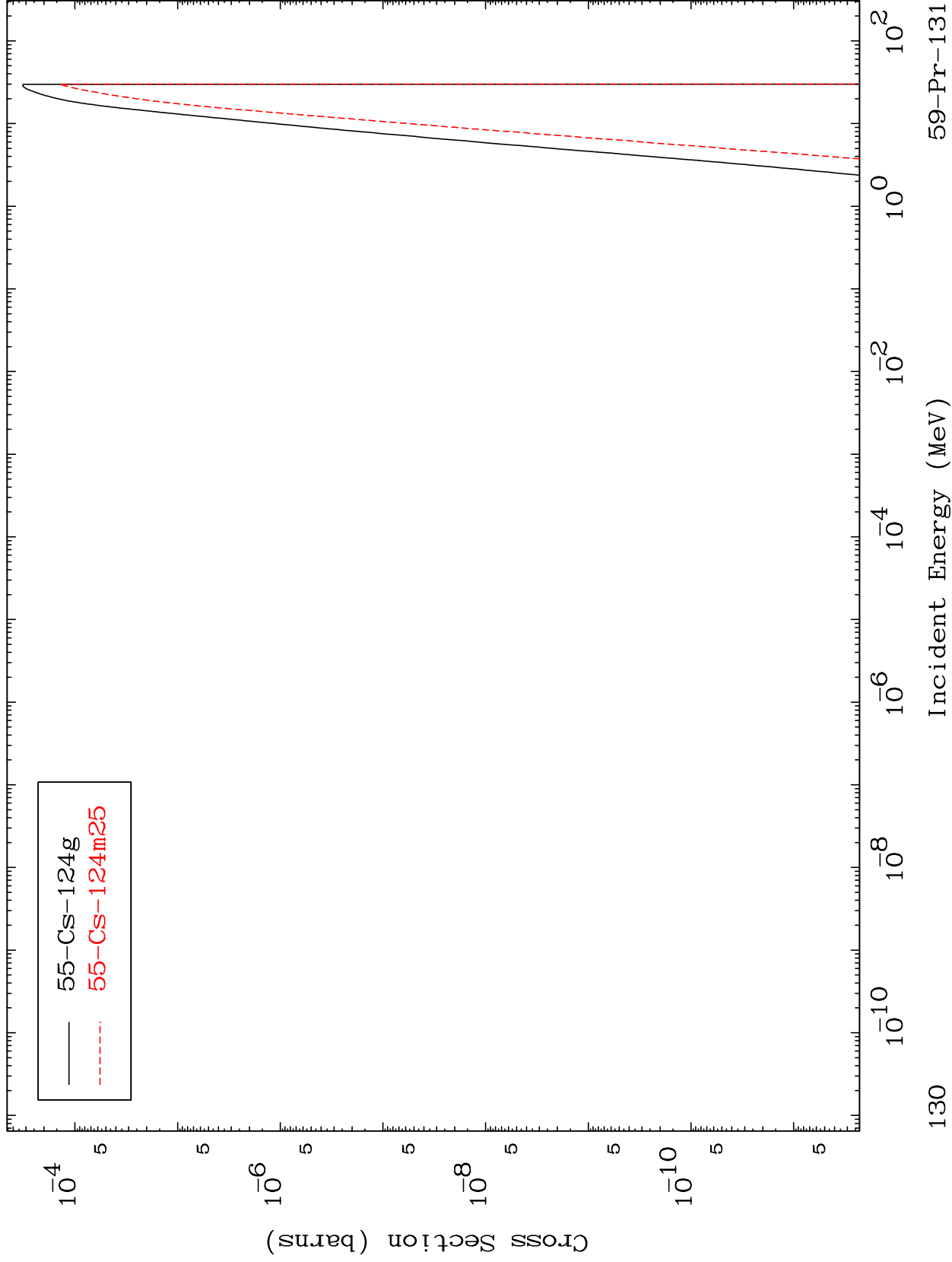


MAT 5895

(n,2α)

59-Pr-131

Radionuclide Production Cross Section

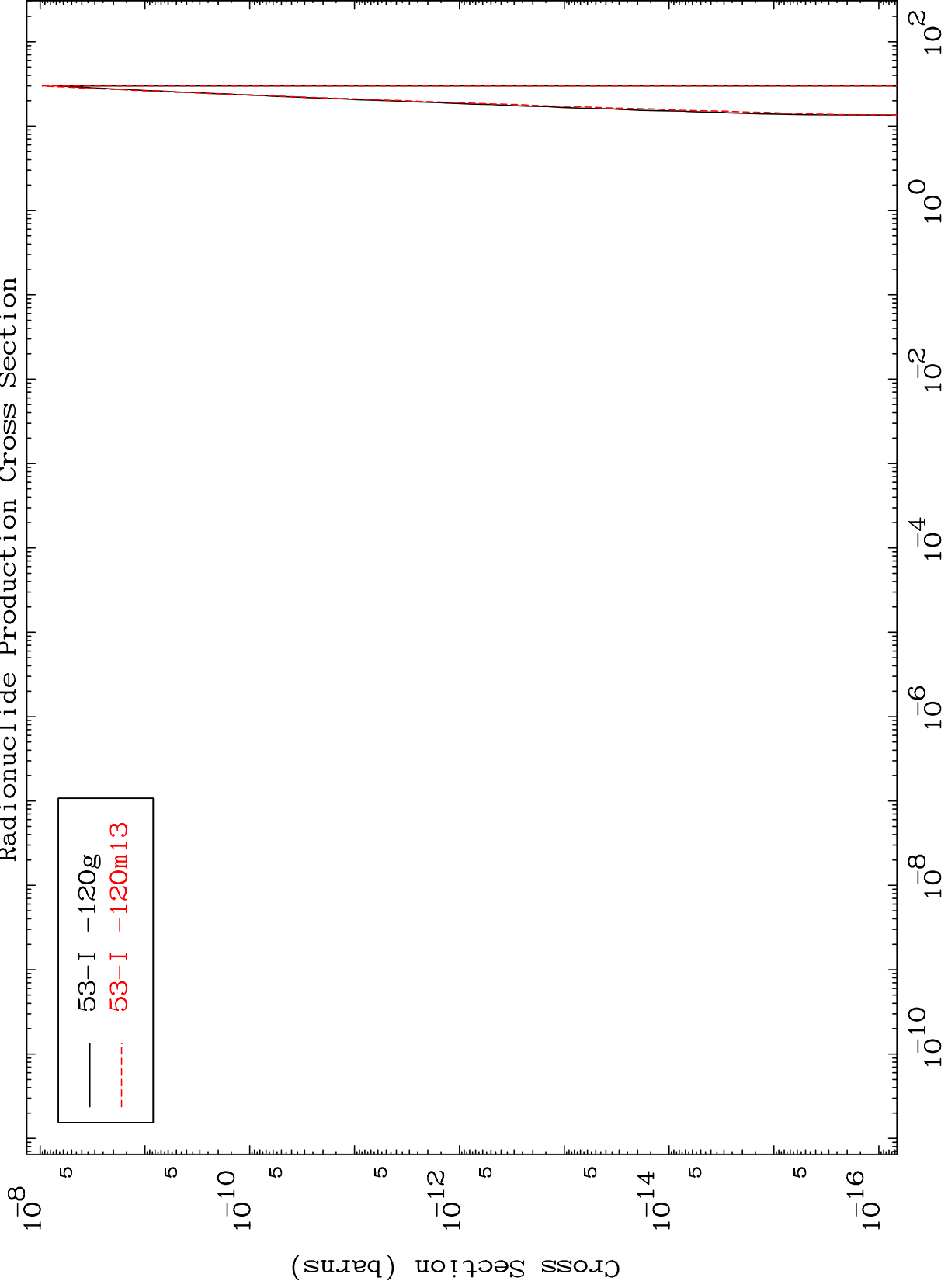


MAT 5895

(n,3α)

59-Pr-131

Radionuclide Production Cross Section



131

Incident Energy (MeV)

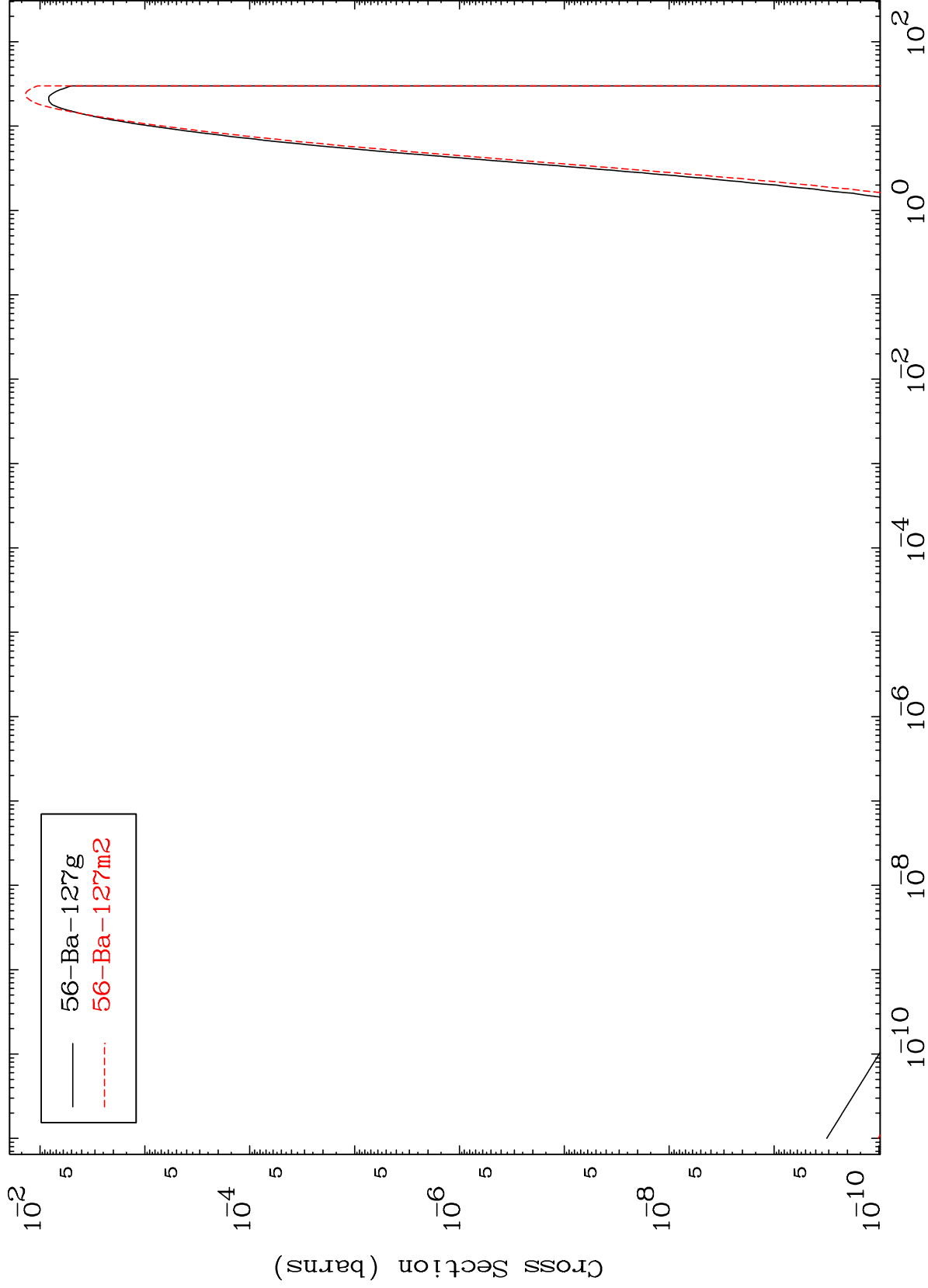
59-Pr-131

MAT 5895

(n,p)  $\alpha$

59-Pr-131

Radionuclide Production Cross Section

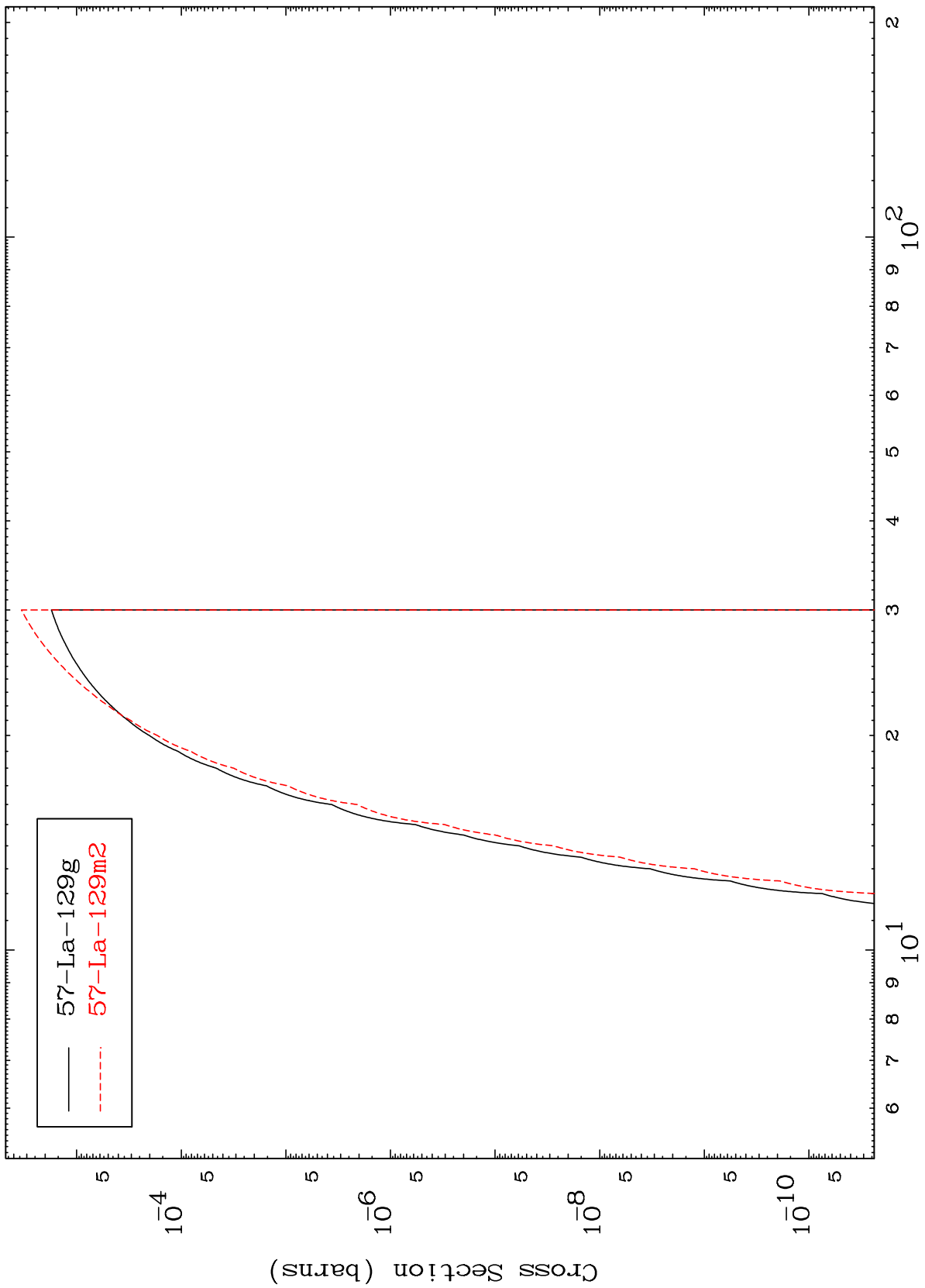


132

Incident Energy (MeV)

59-Pr-131

Radionuclide Production Cross Section



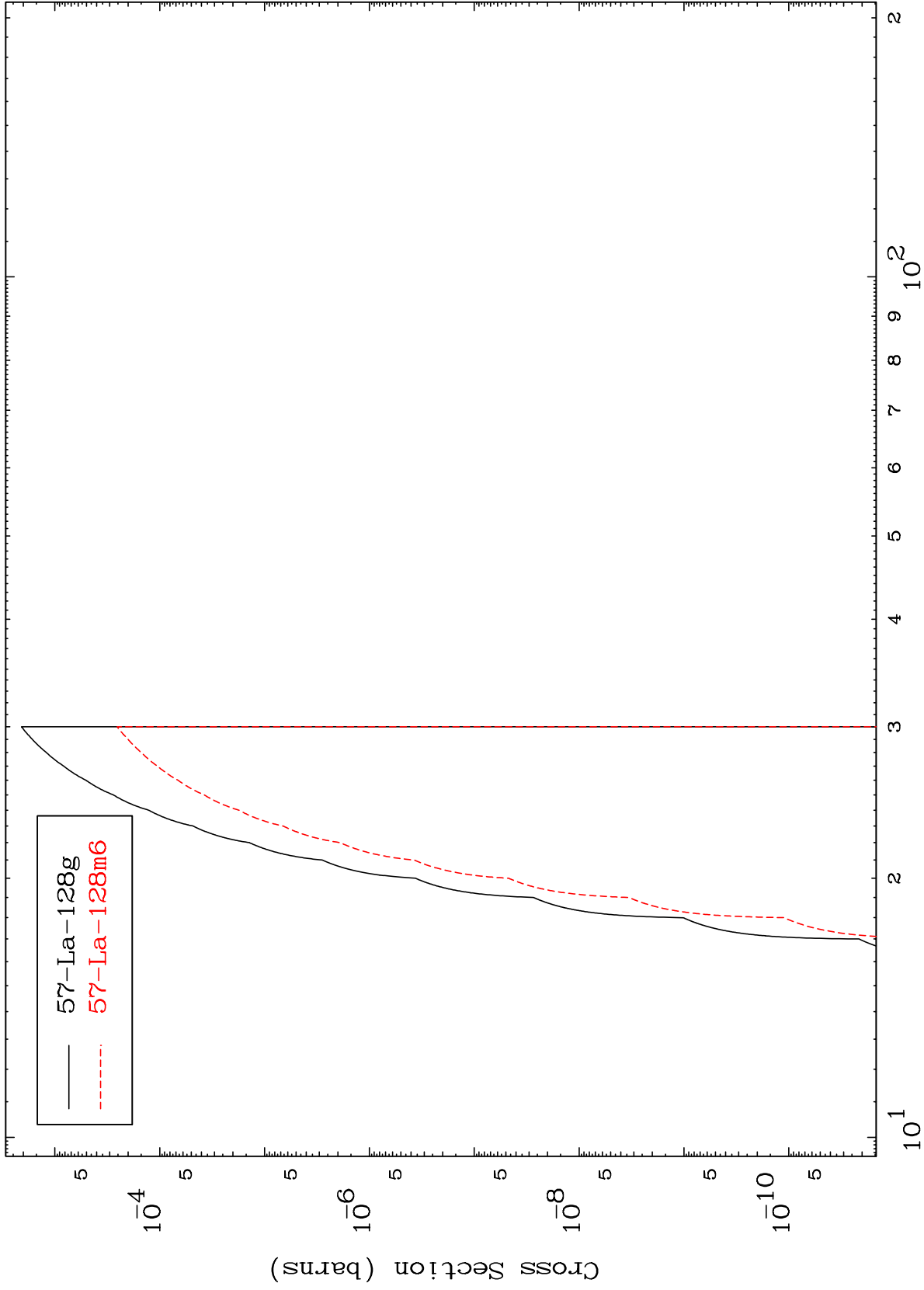
— 57-La-129g  
- - - 57-La-129m2

MAT 5895

(n,p) t

59-Pr-131

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-131

134