

Program EVALPLOT  
(Version 2015-2)

by

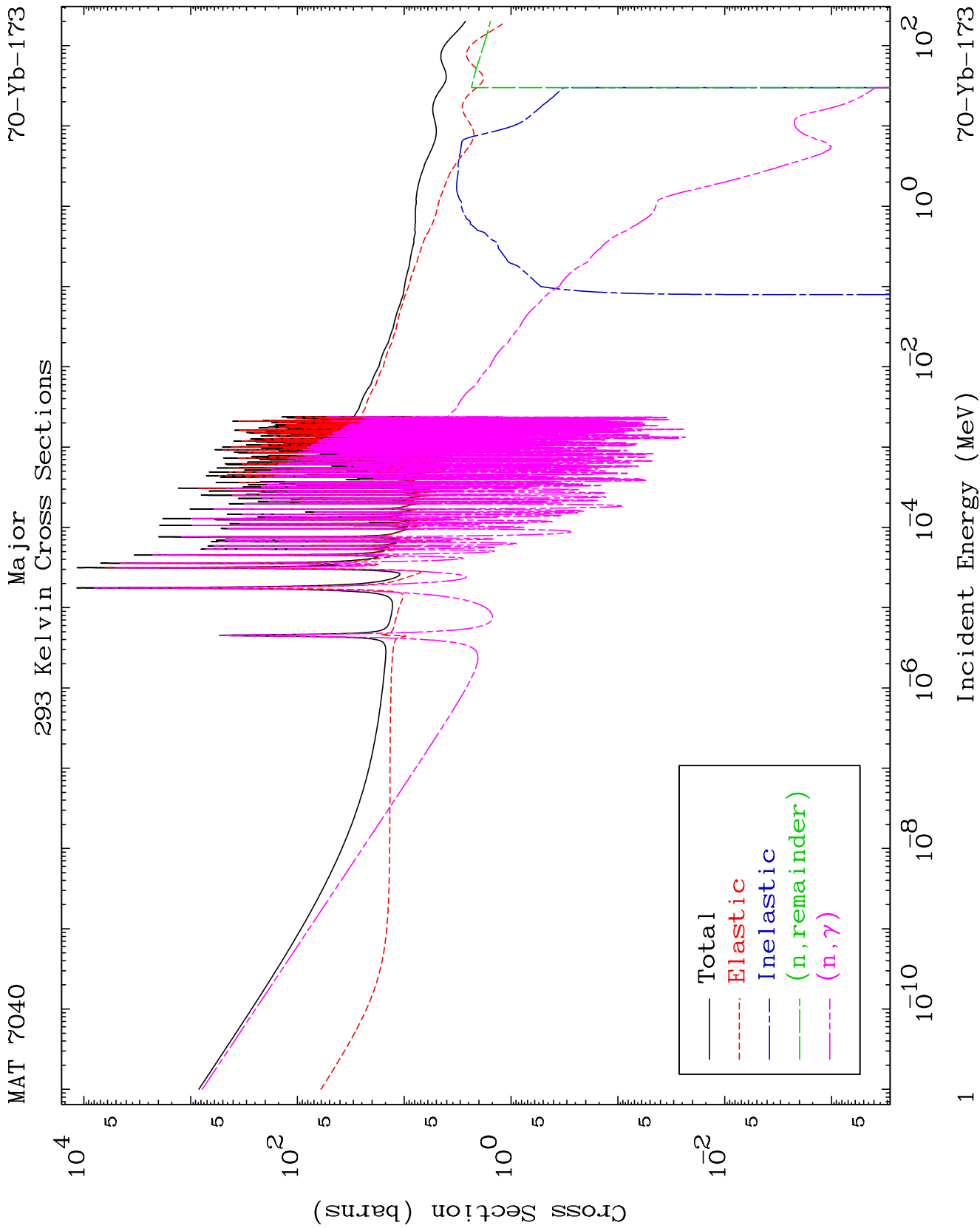
Dermott E. Cullen  
(Present Contact Information)

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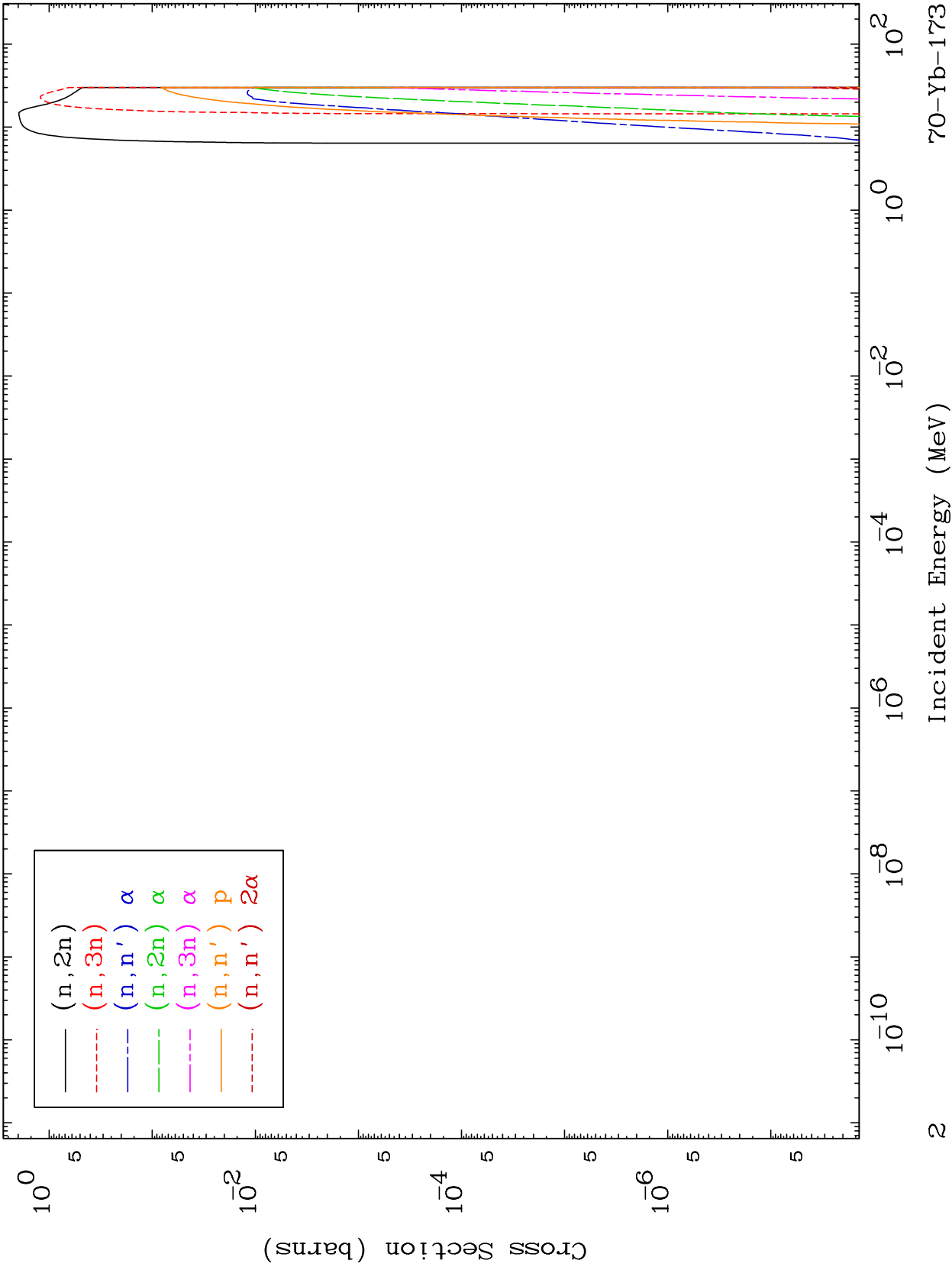
Press Mouse Button to Start

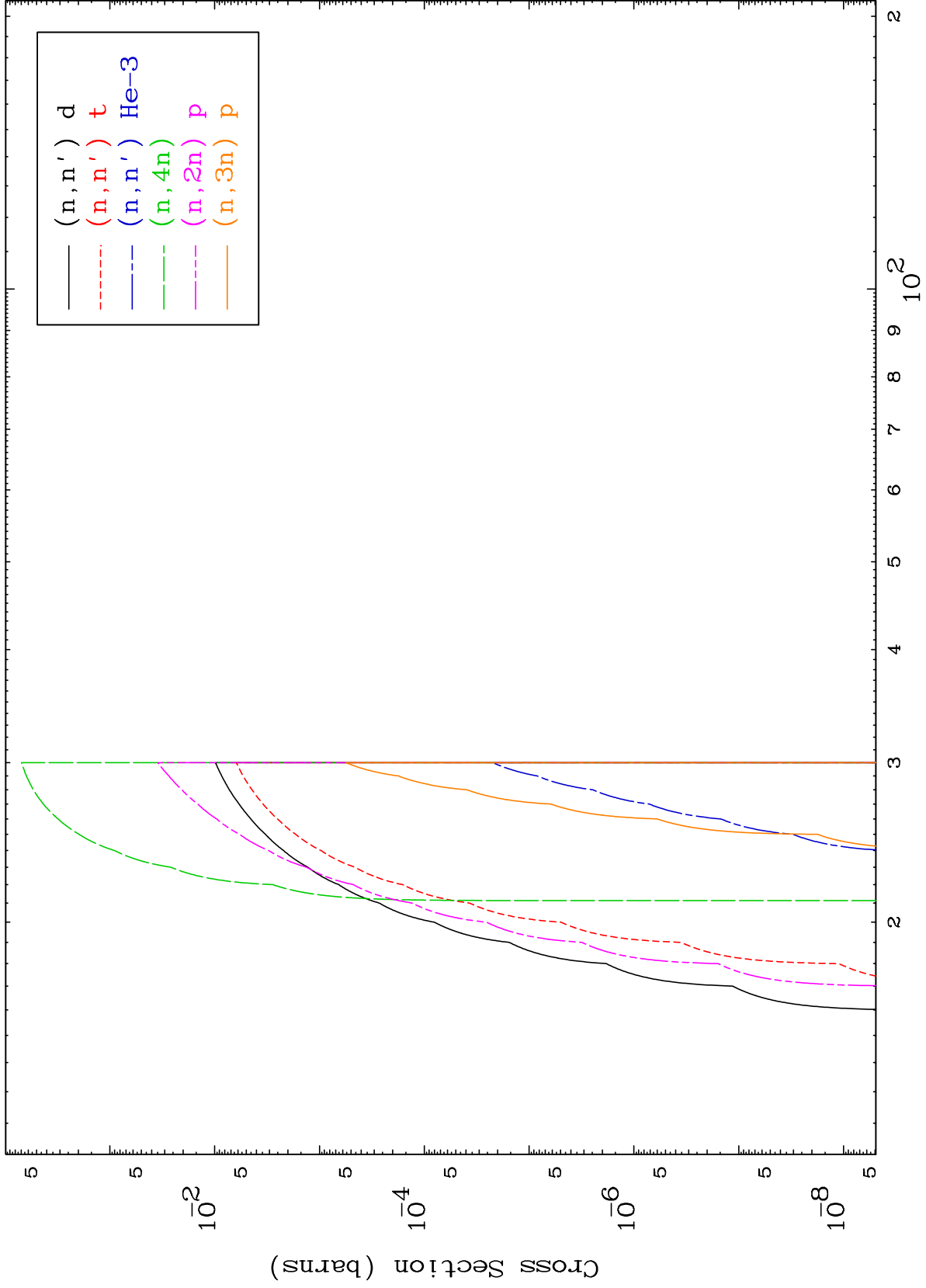


MAT 7040

Neutron Production  
293 Kelvin Cross Sections

70-Yb-173

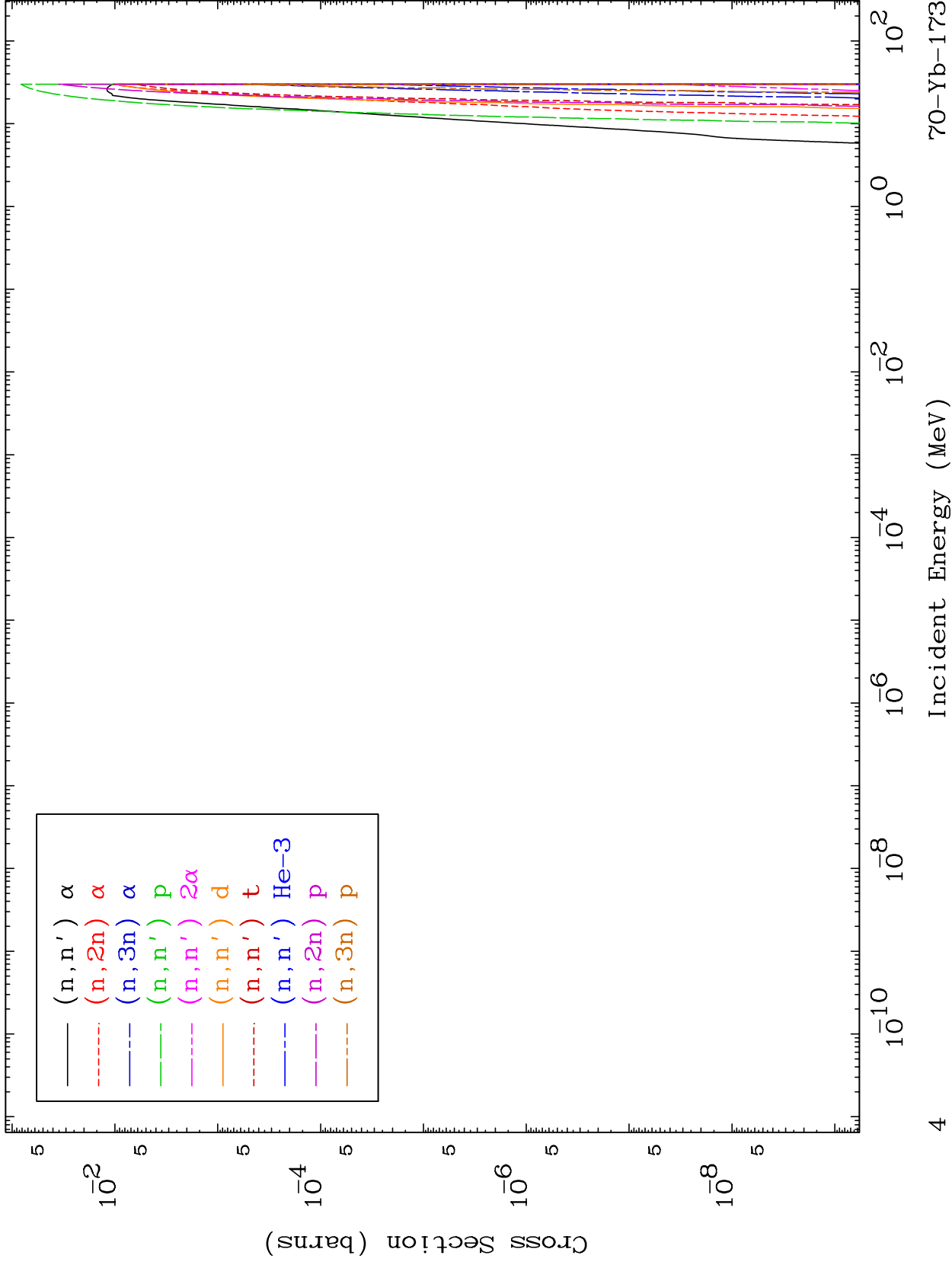




MAT 7040

Charged Particle  
293 Kelvin Cross Sections

70-Yb-173

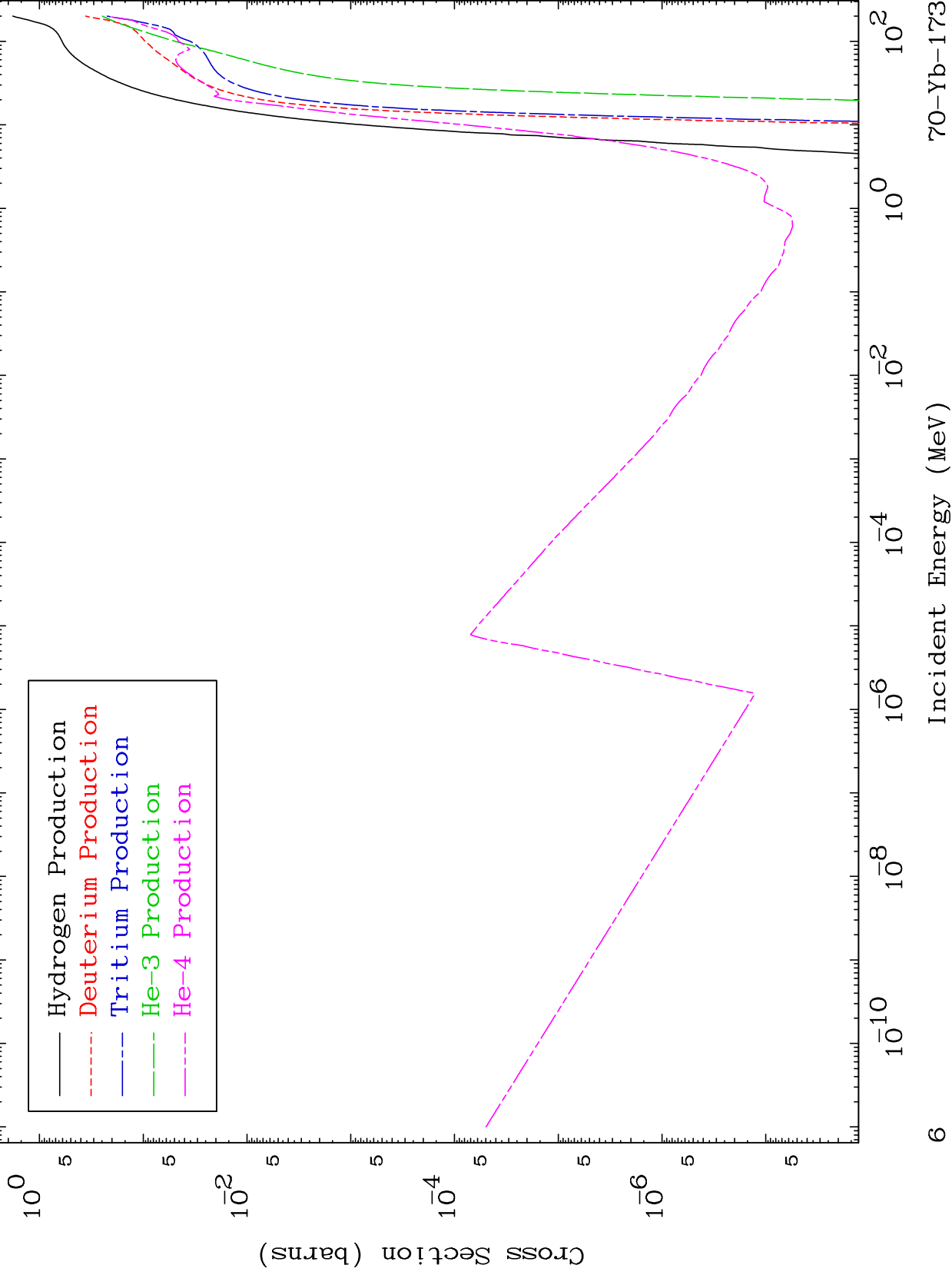




MAT 7040

Particle Production  
293 Kelvin Cross Sections

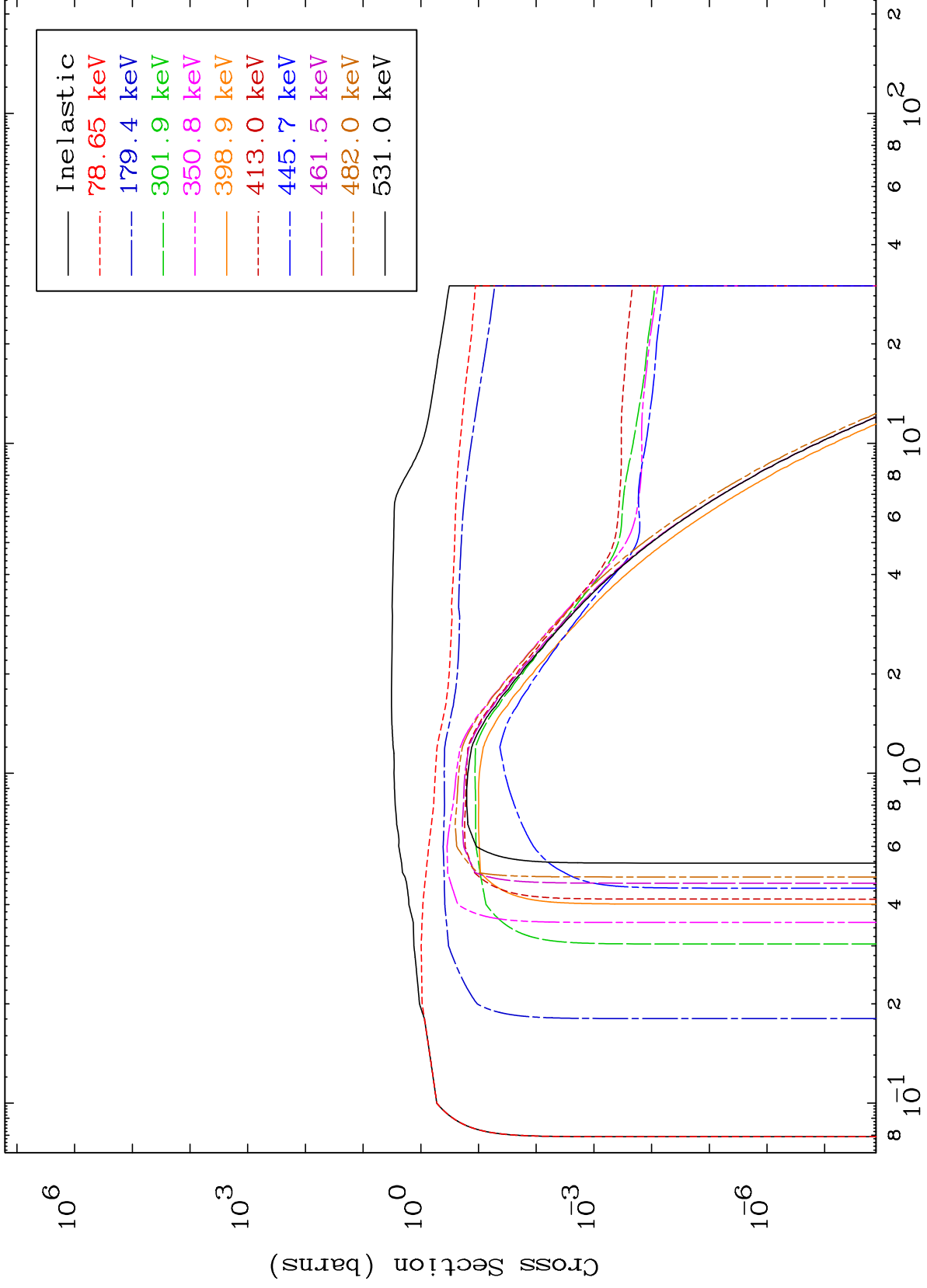
70-Yb-173



MAT 7040

(n,n') Level  
293 Kelvin Cross Sections

70-Yb-173

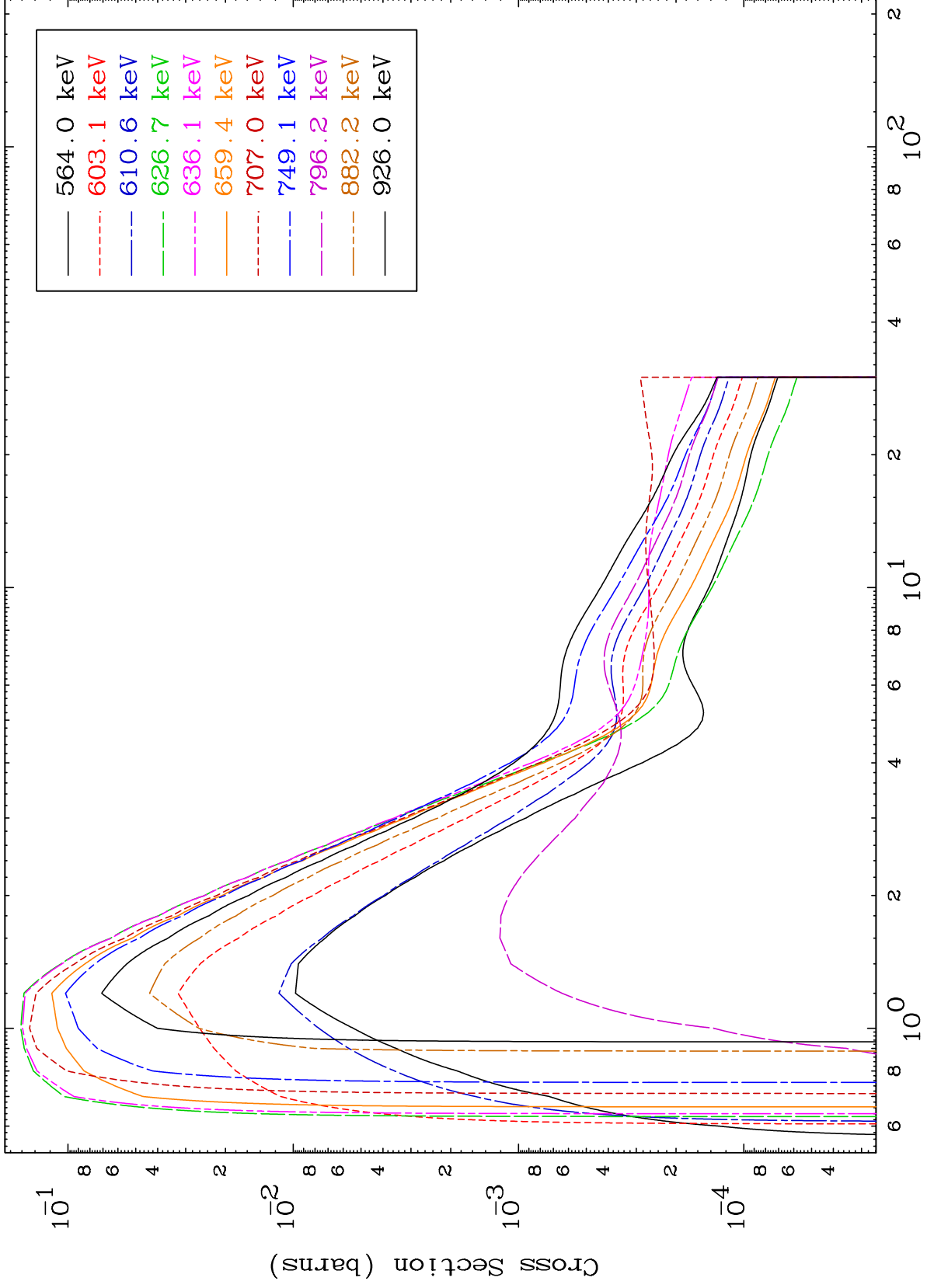




MAT 7040

(n,n') Level  
293 Kelvin Cross Sections

70-Yb-173



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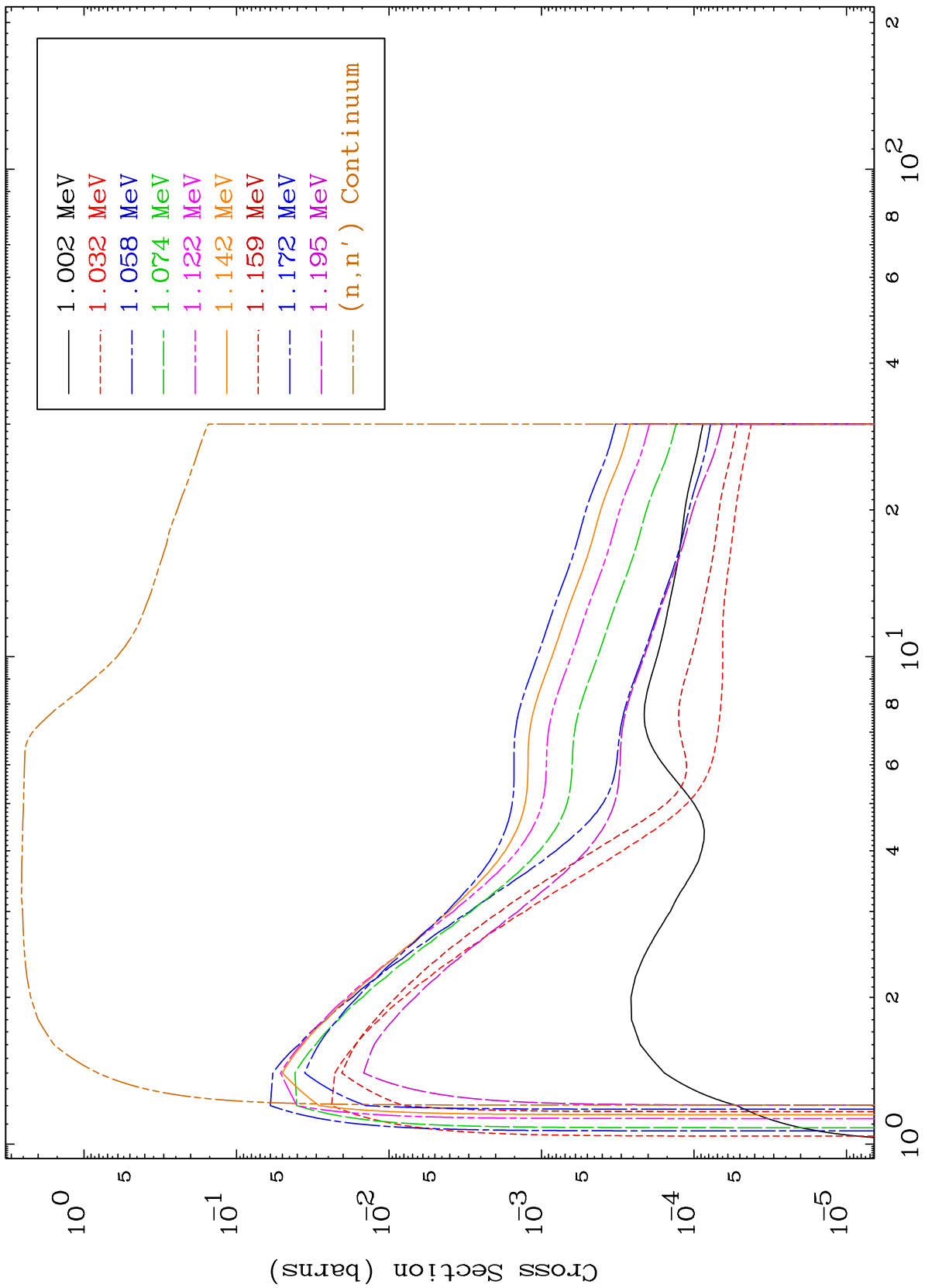
Incident Energy (MeV)

70-Yb-173

MAT 7040

(n,n') Level  
293 Kelvin Cross Sections

70-Yb-173



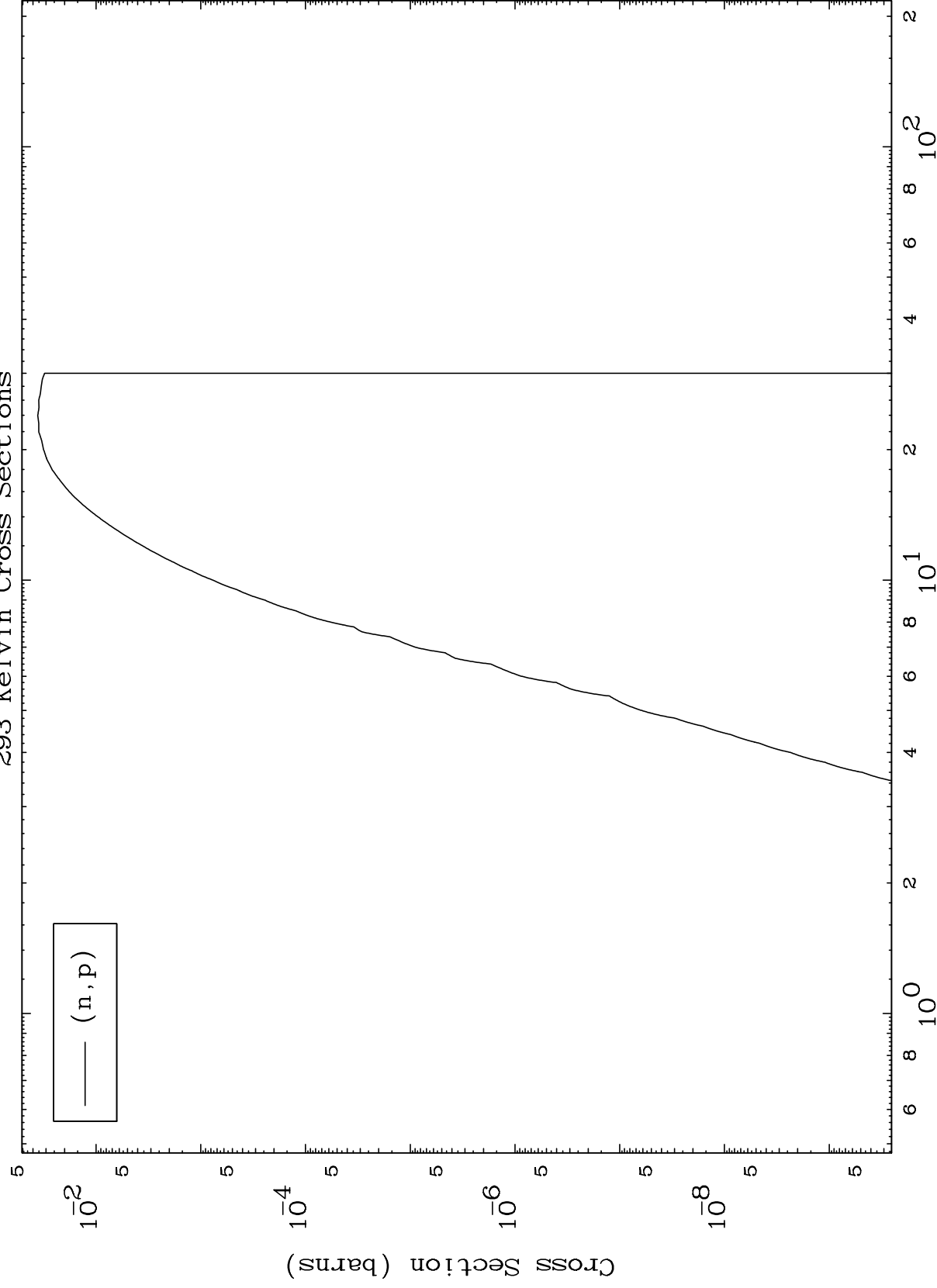
Incident Energy (MeV)

70-Yb-173

MAT 7040

(n,p) Levels  
293 Kelvin Cross Sections

70-Yb-173



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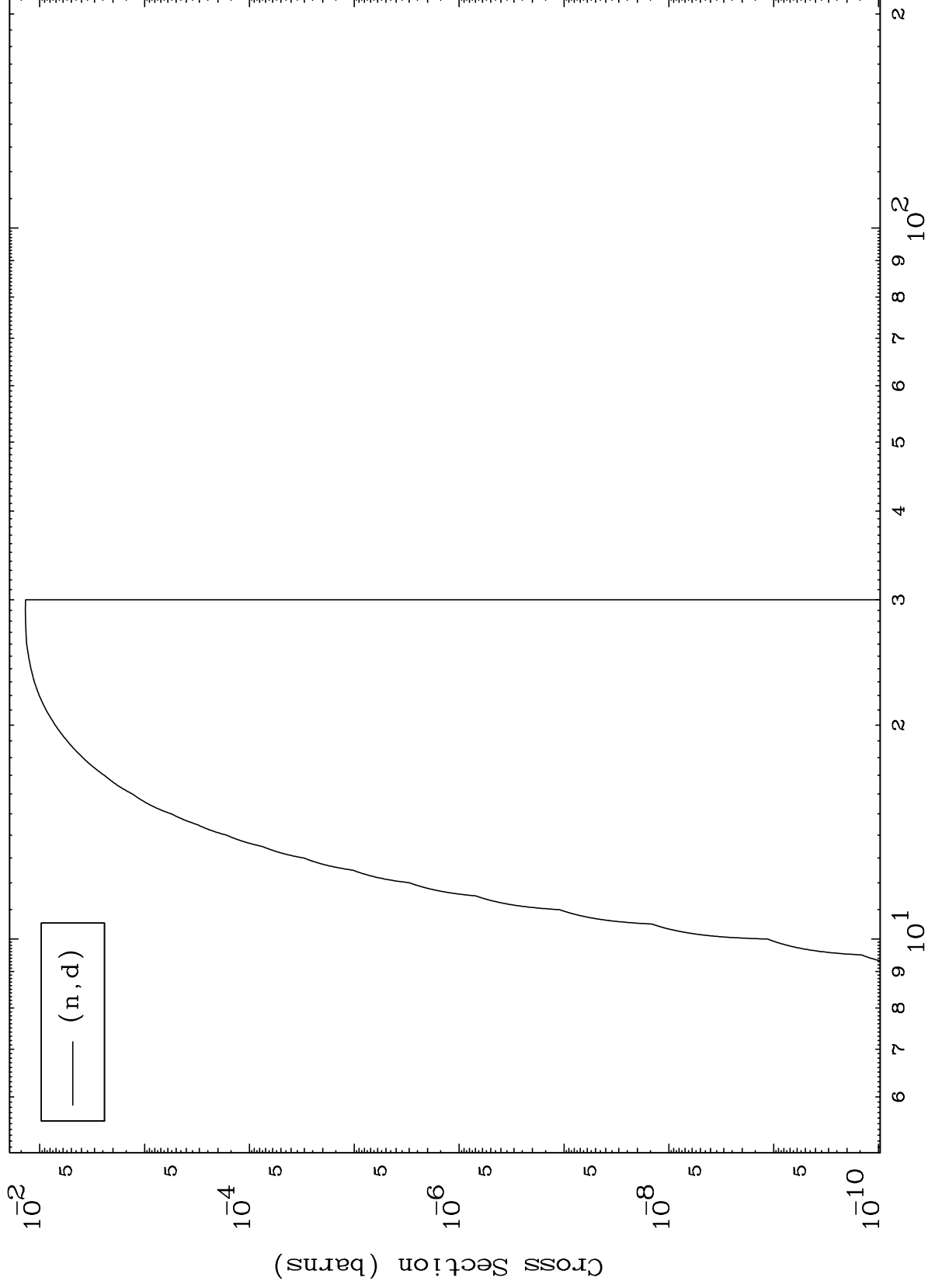
Incident Energy (MeV)

70-Yb-173

MAT 7040

(n,d) Levels  
293 Kelvin Cross Sections

70-Yb-173



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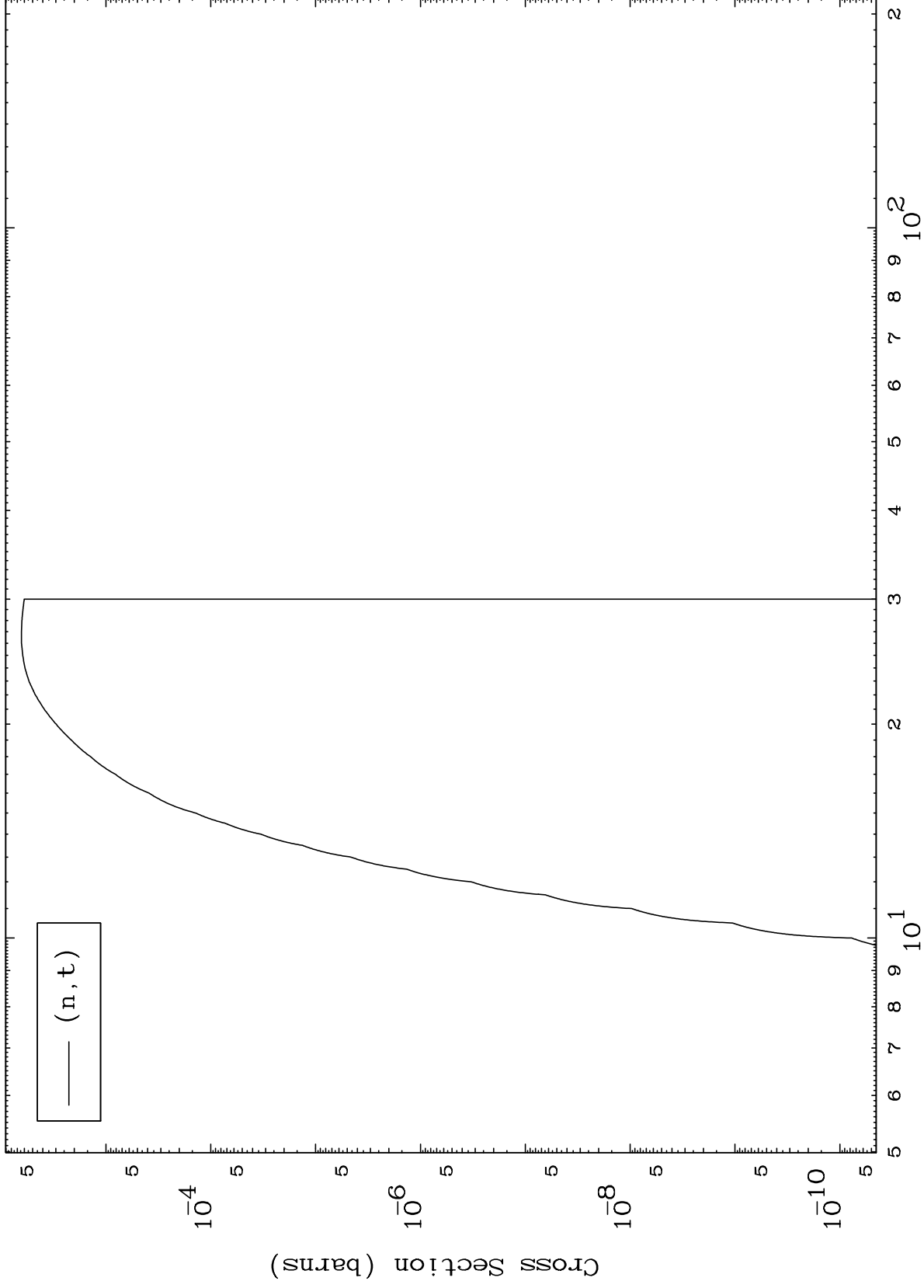
Incident Energy (MeV)

70-Yb-173

MAT 7040

(n,t) Levels  
293 Kelvin Cross Sections

70-Yb-173



12

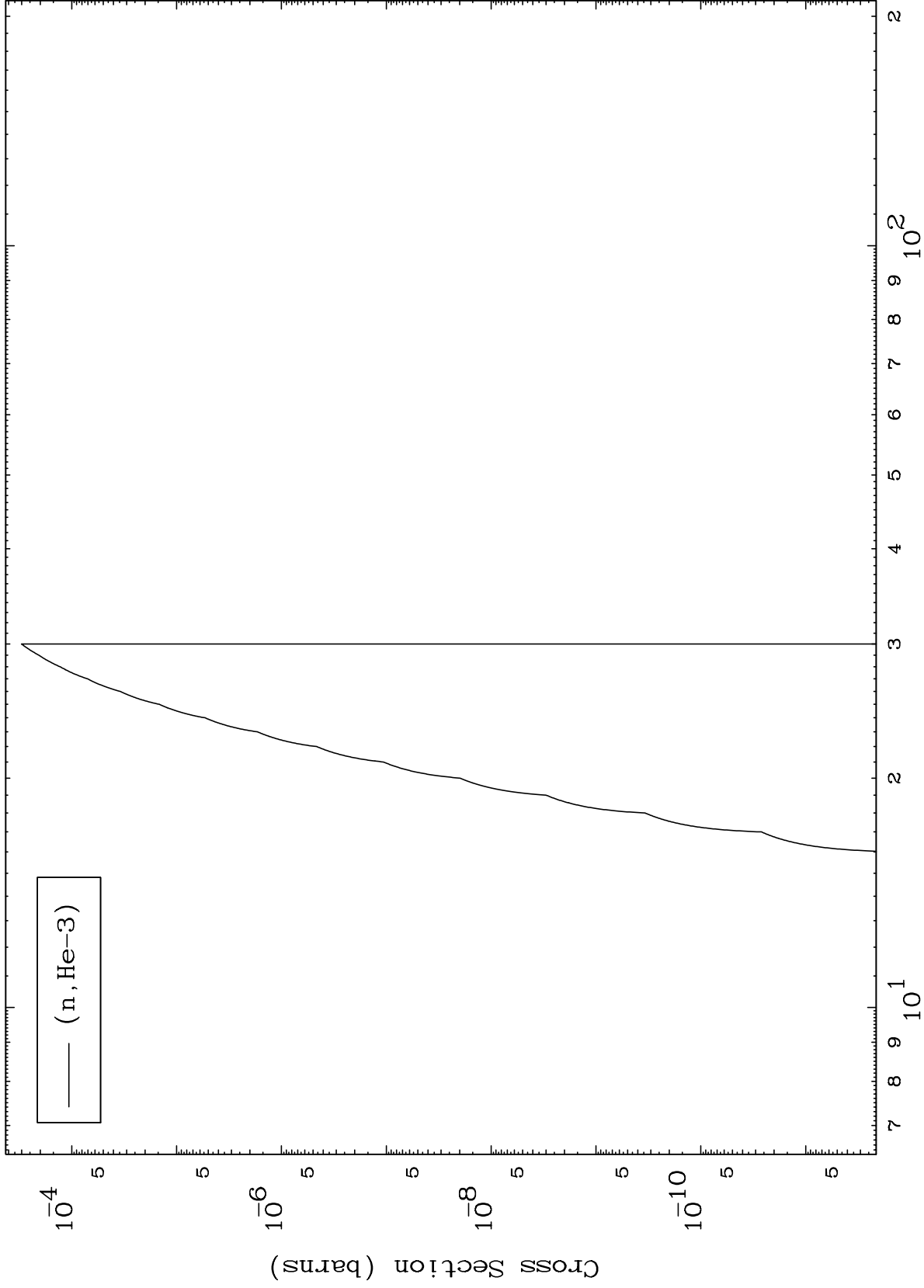
Incident Energy (MeV)

70-Yb-173

MAT 7040

(n,He3) Levels  
293 Kelvin Cross Sections

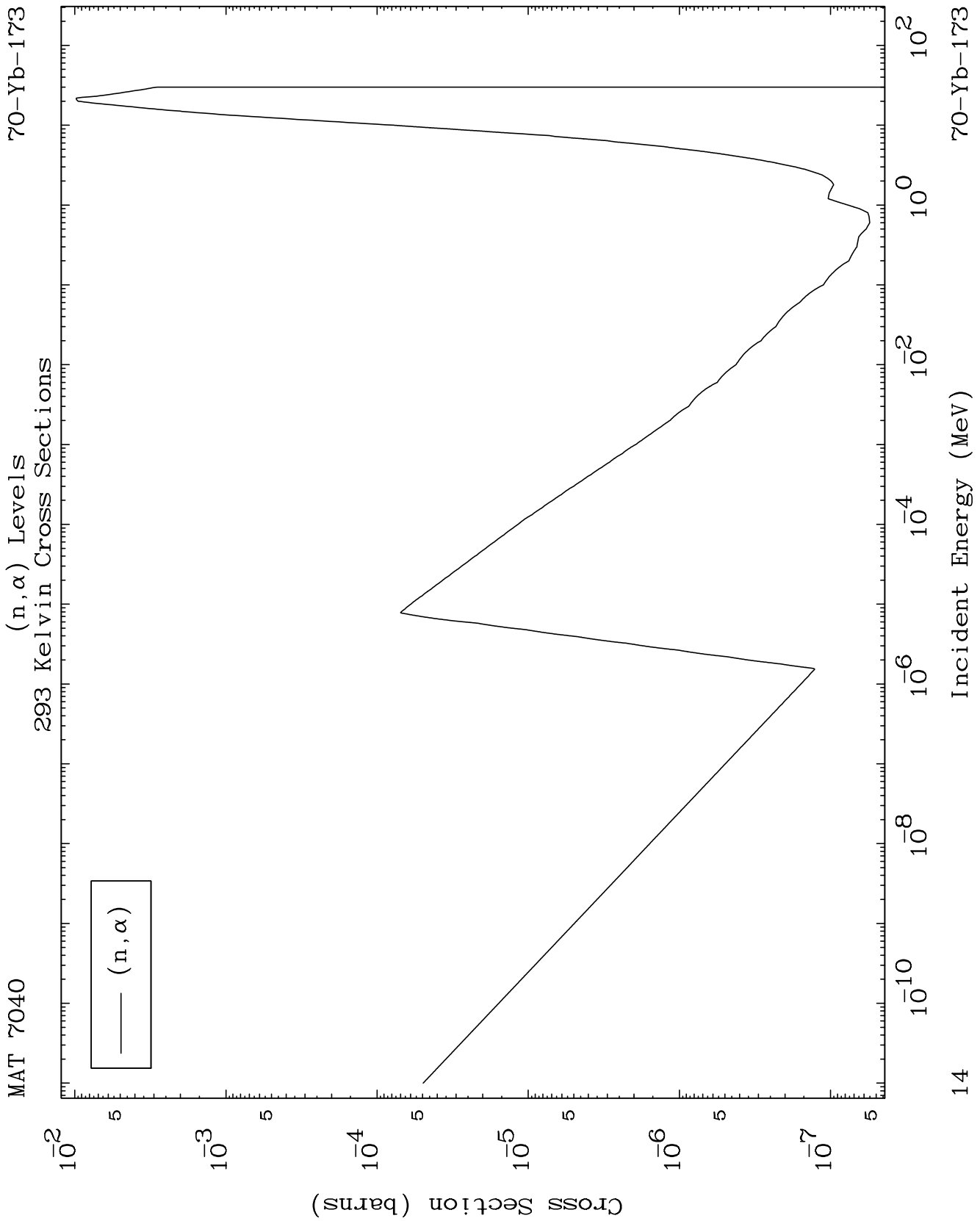
70-Yb-173

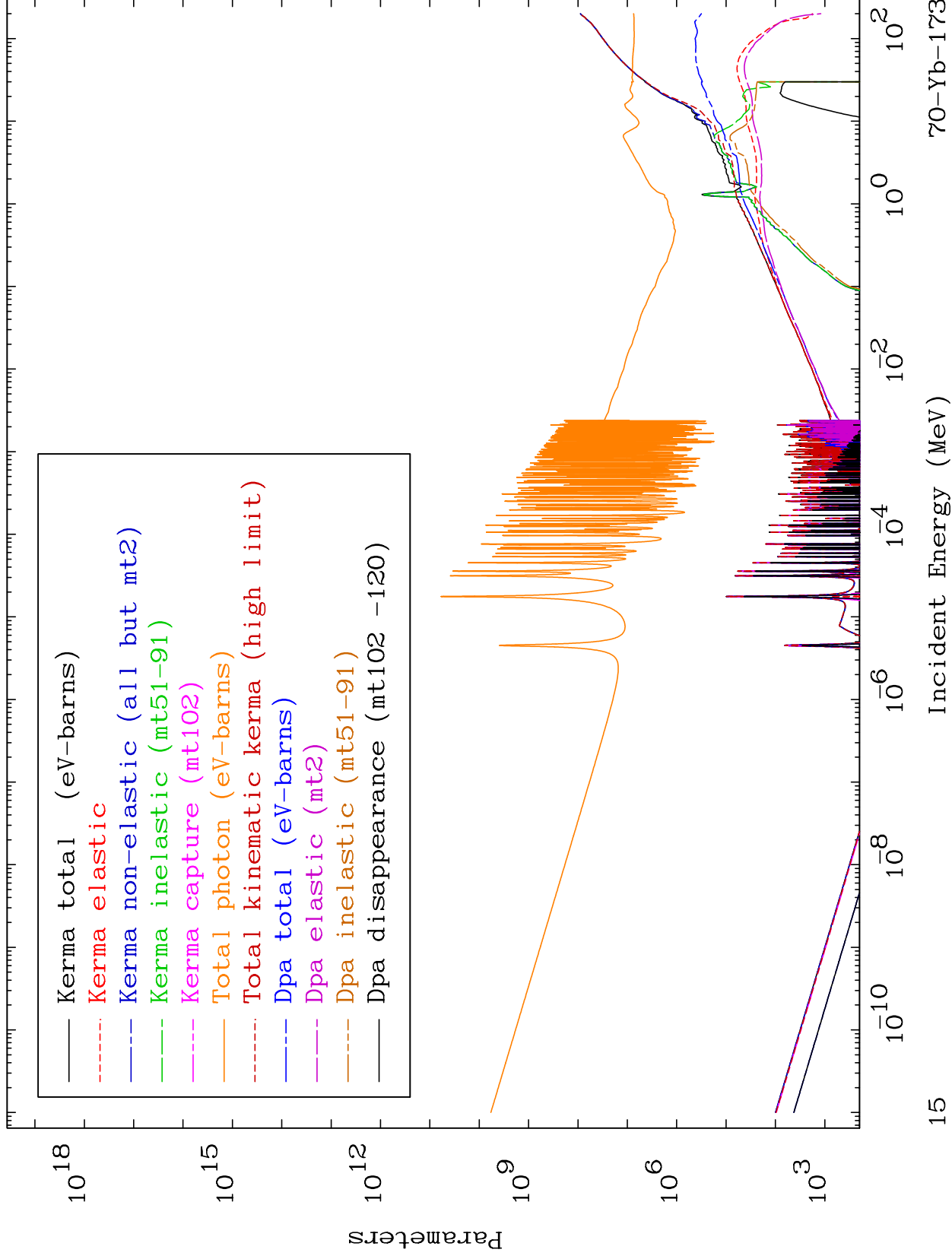


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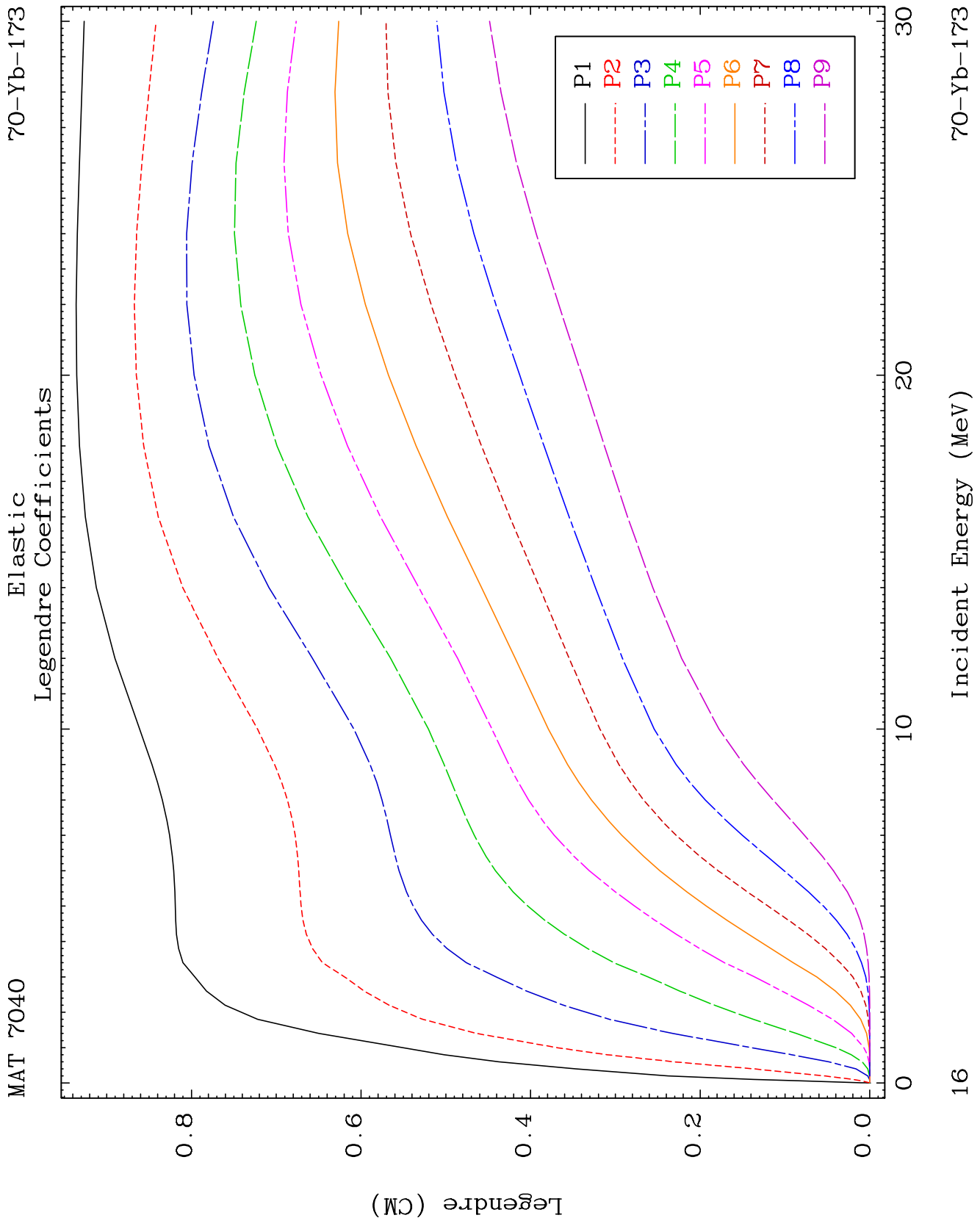
Incident Energy (MeV)

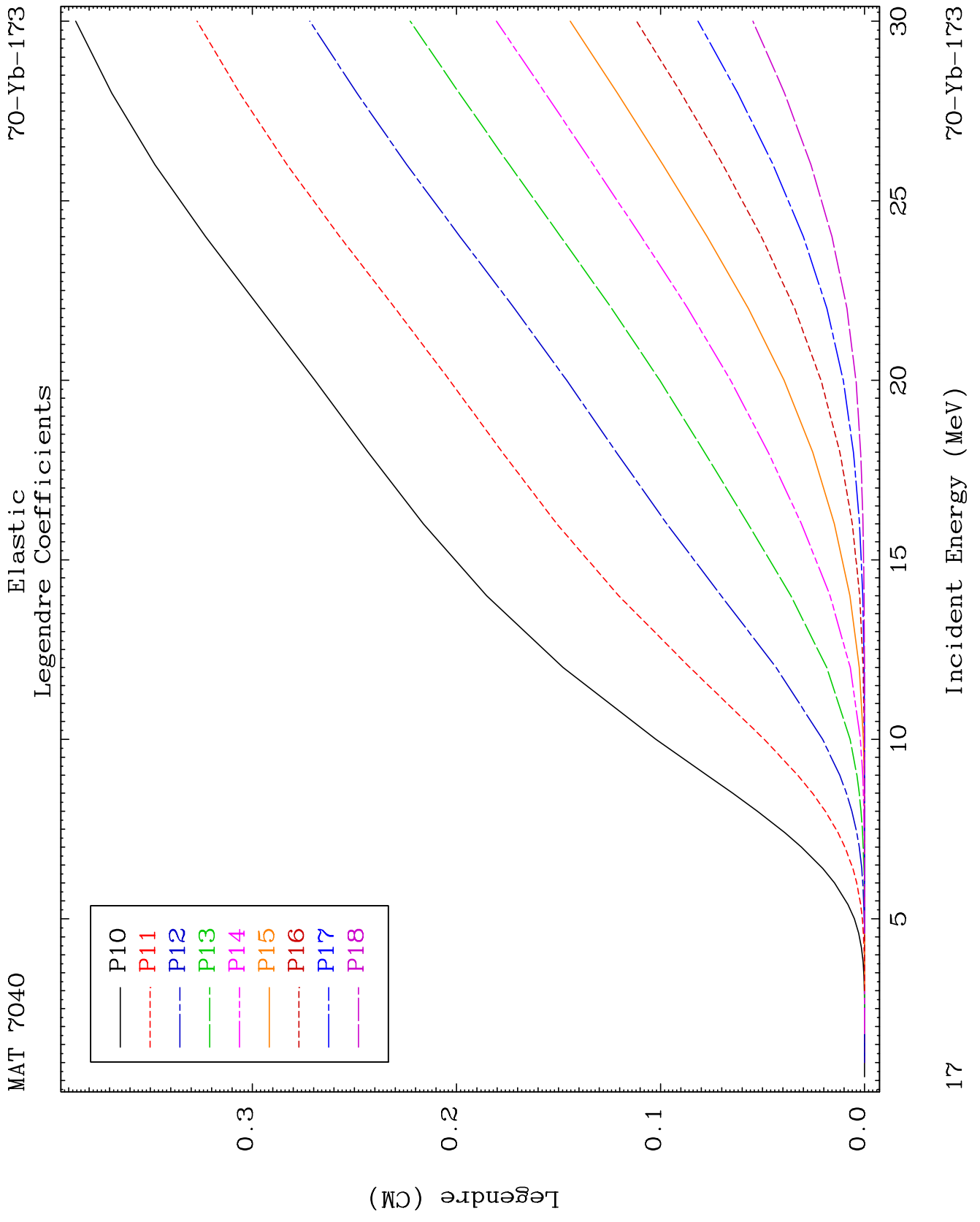
70-Yb-173

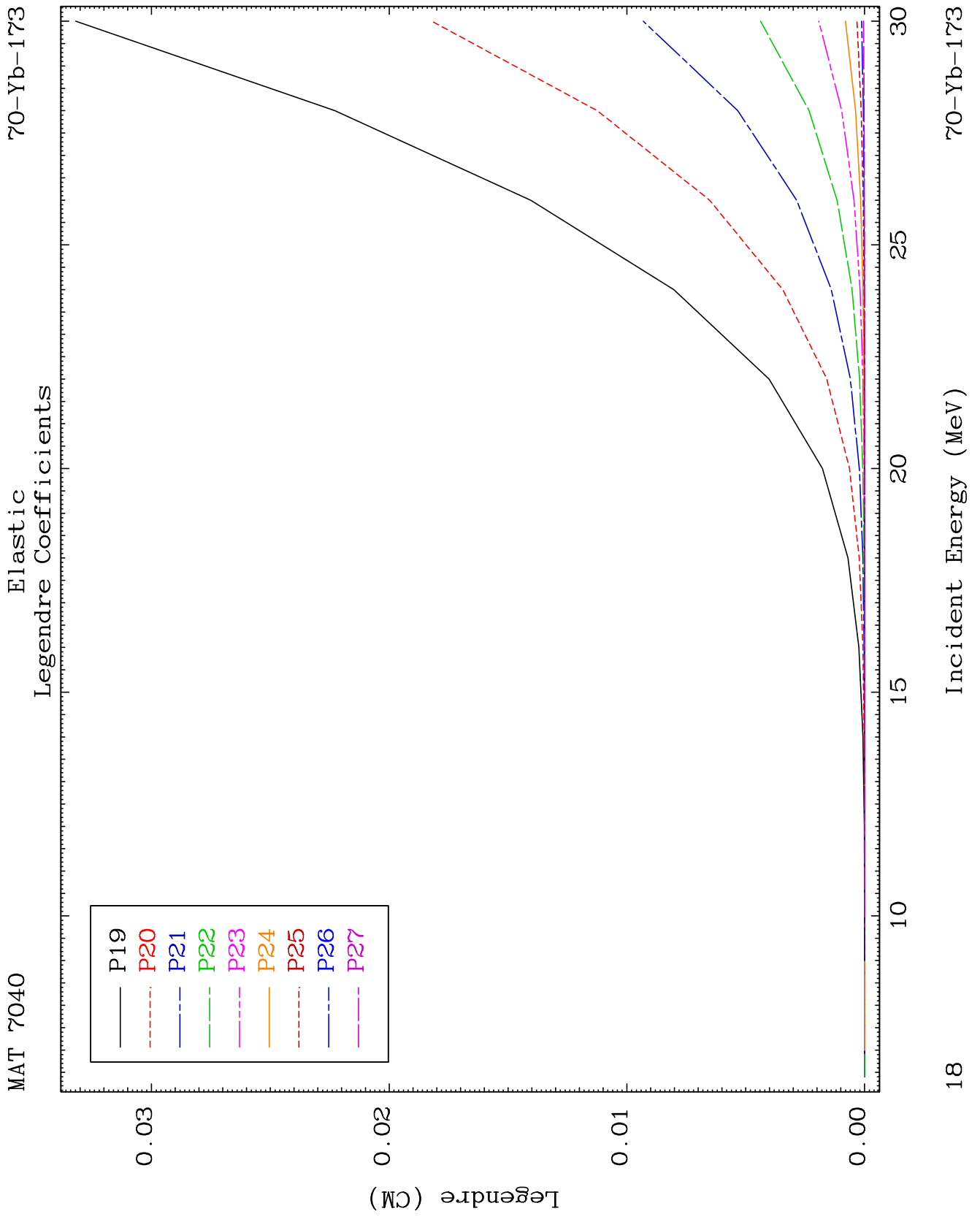


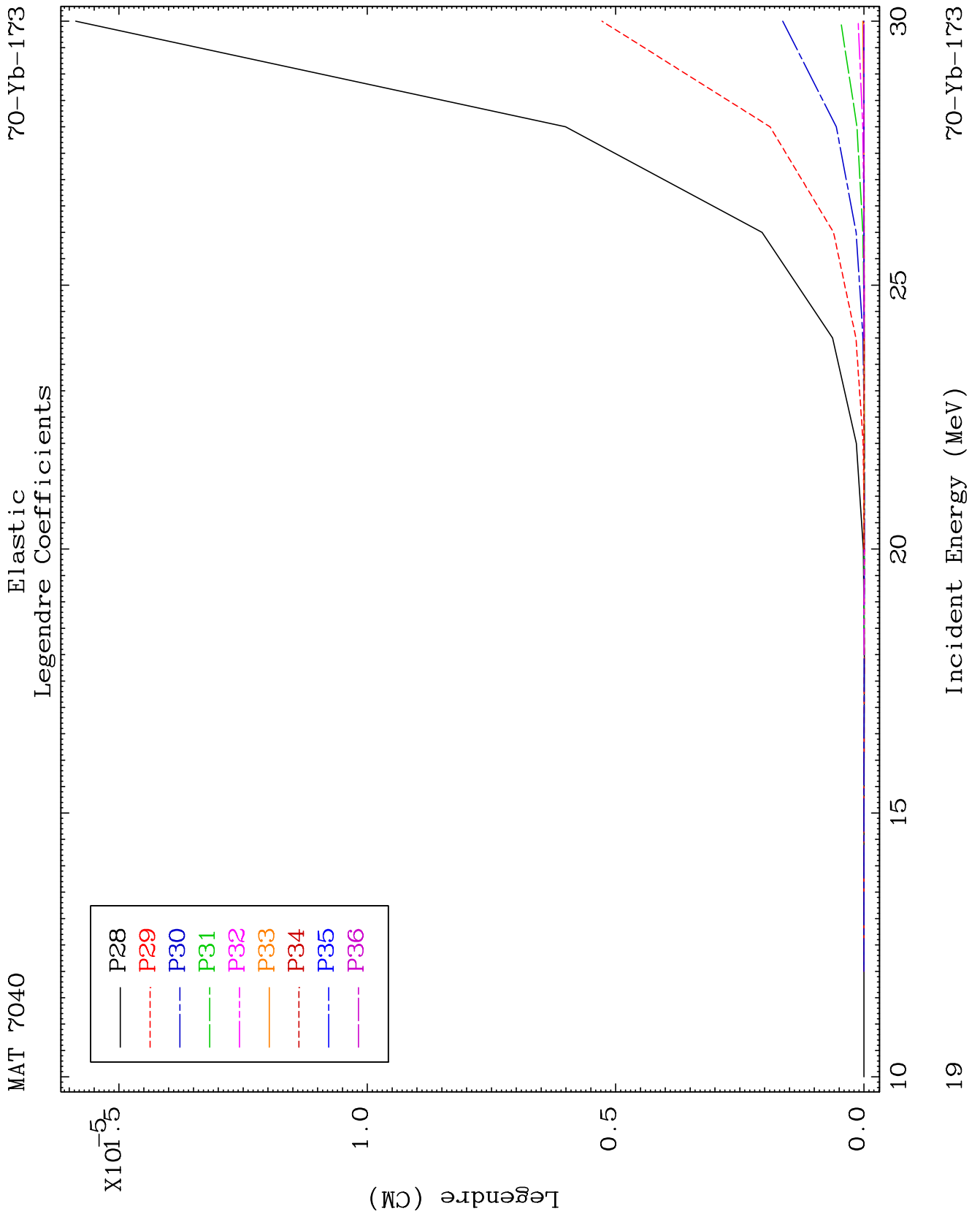


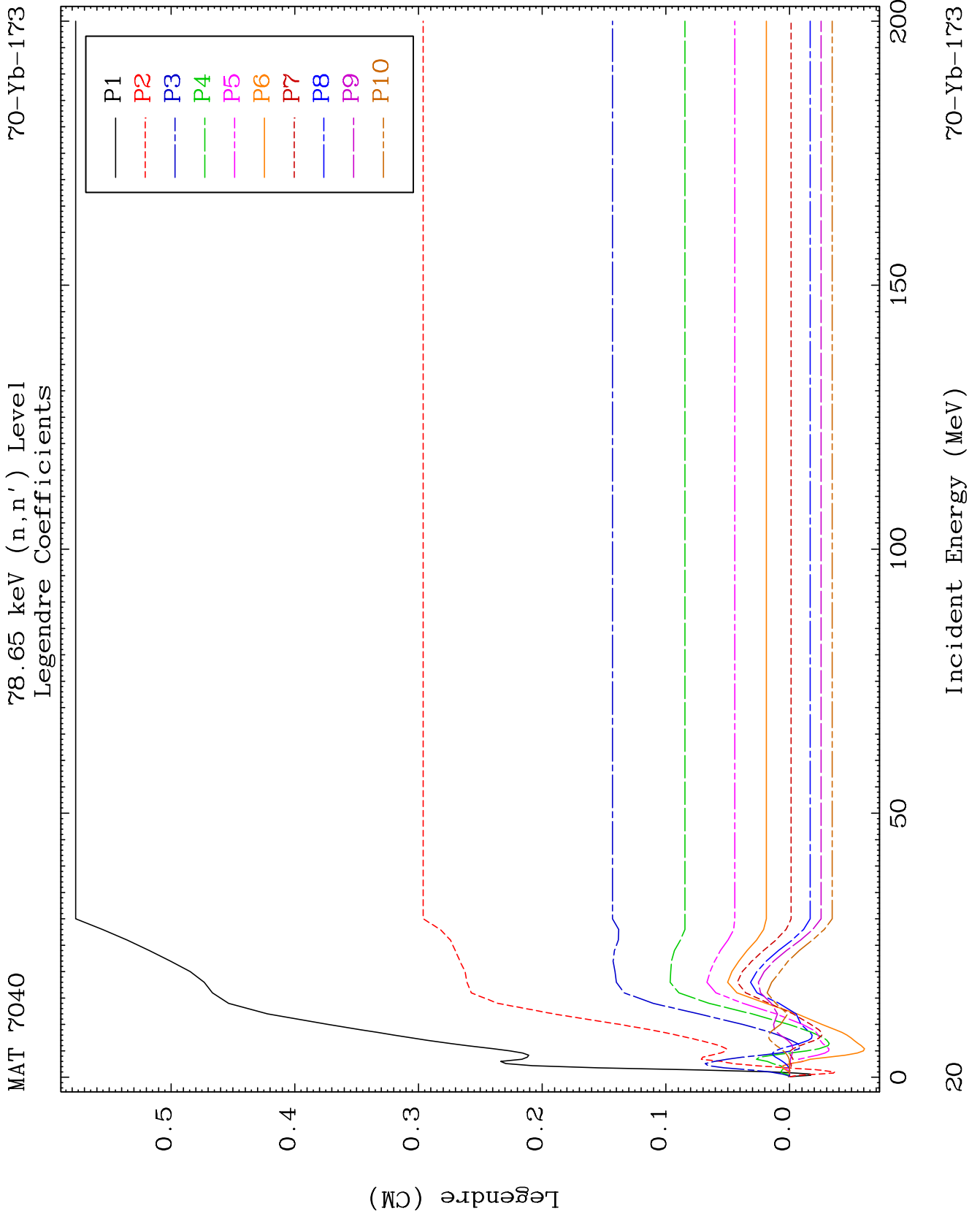








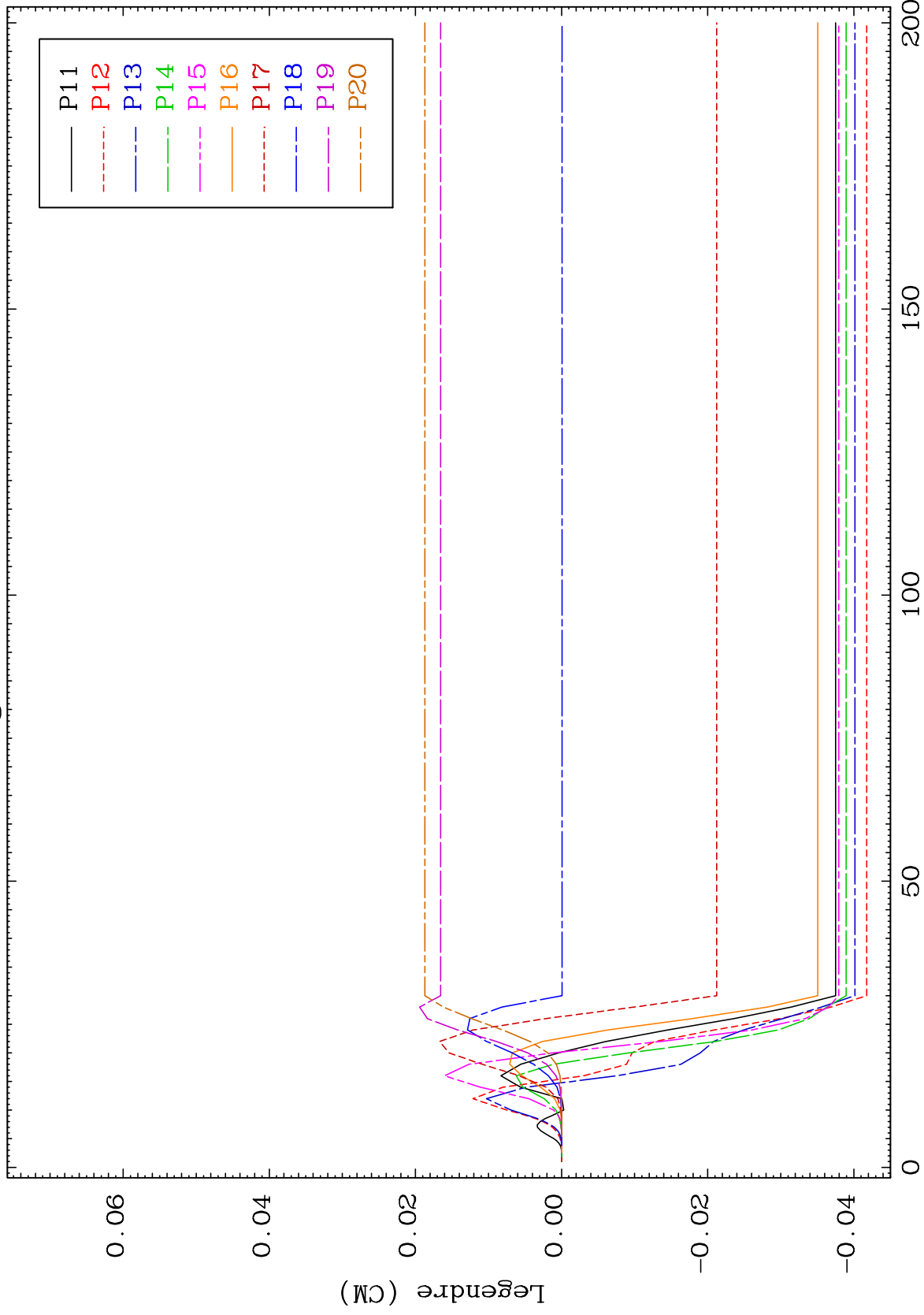




MAT 7040

78.65 keV (n,n') Level  
Legendre Coefficients

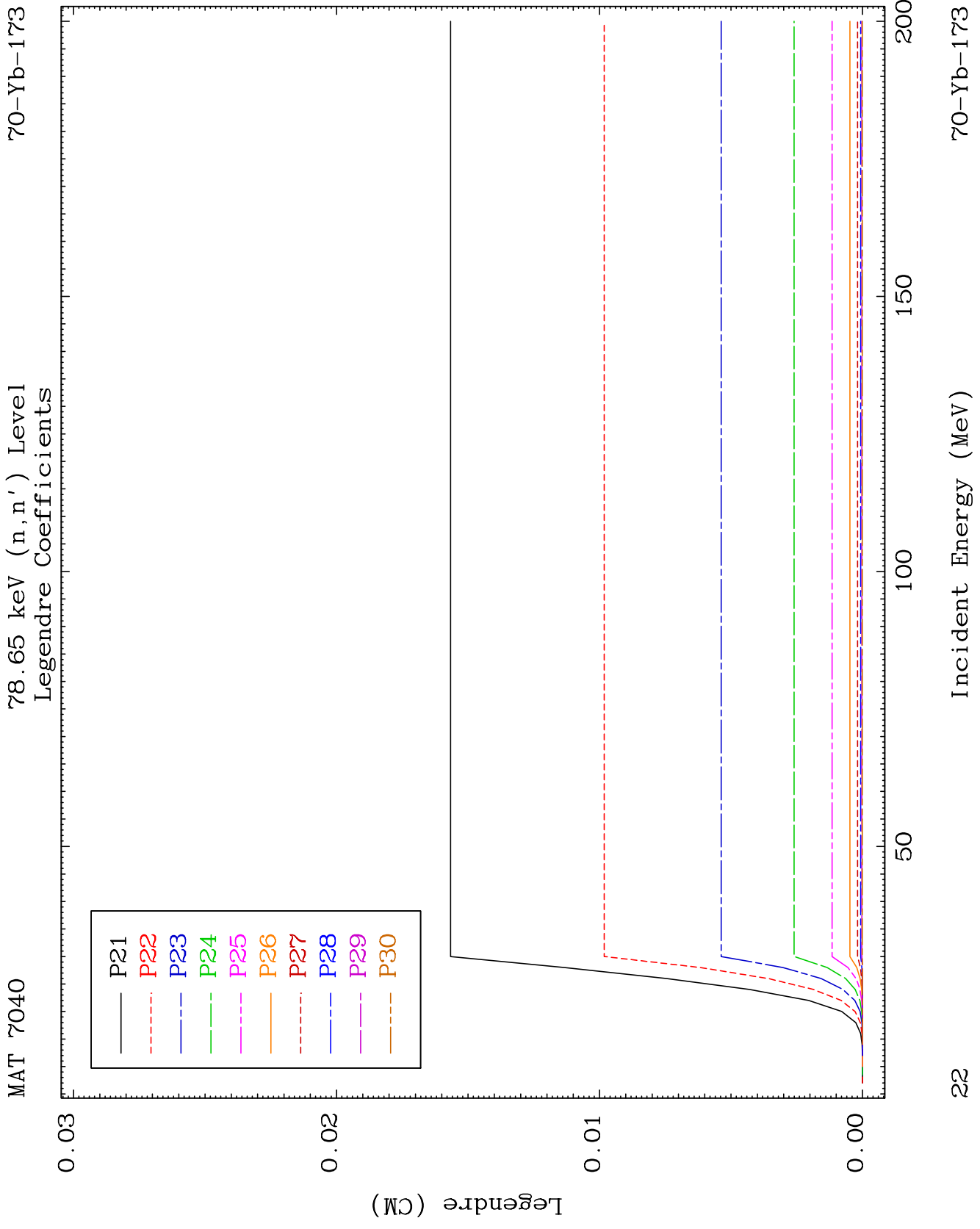
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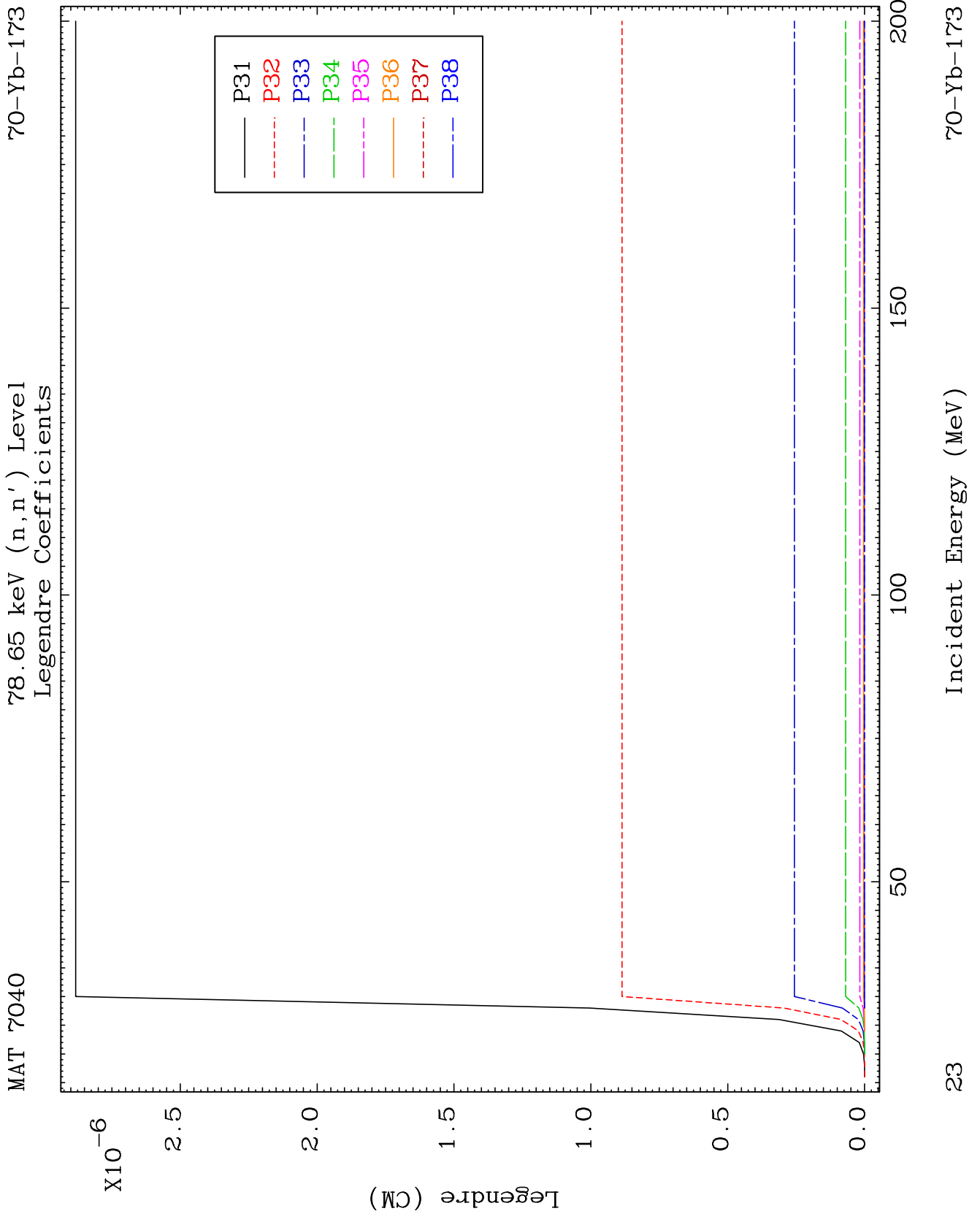


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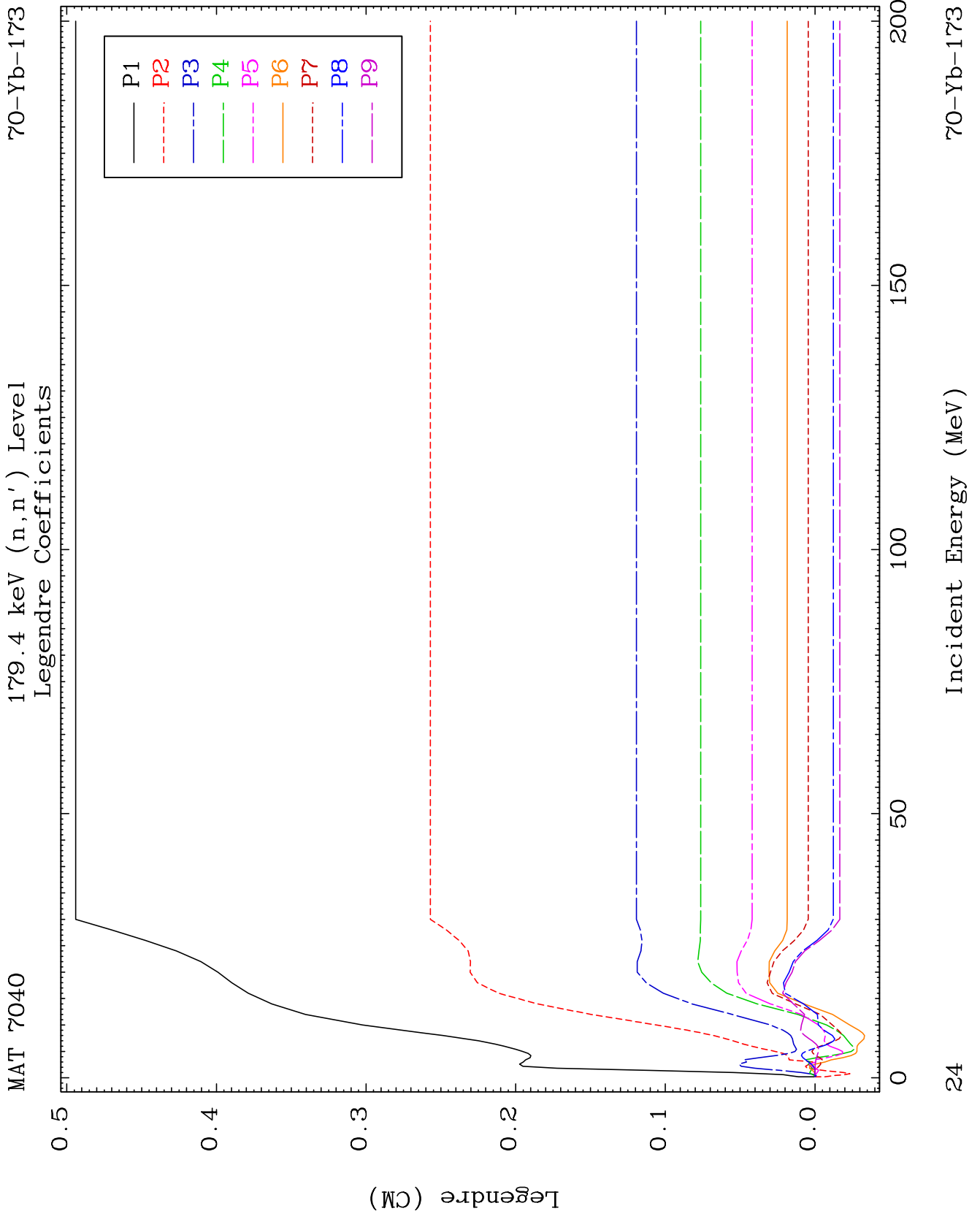
Incident Energy (MeV)

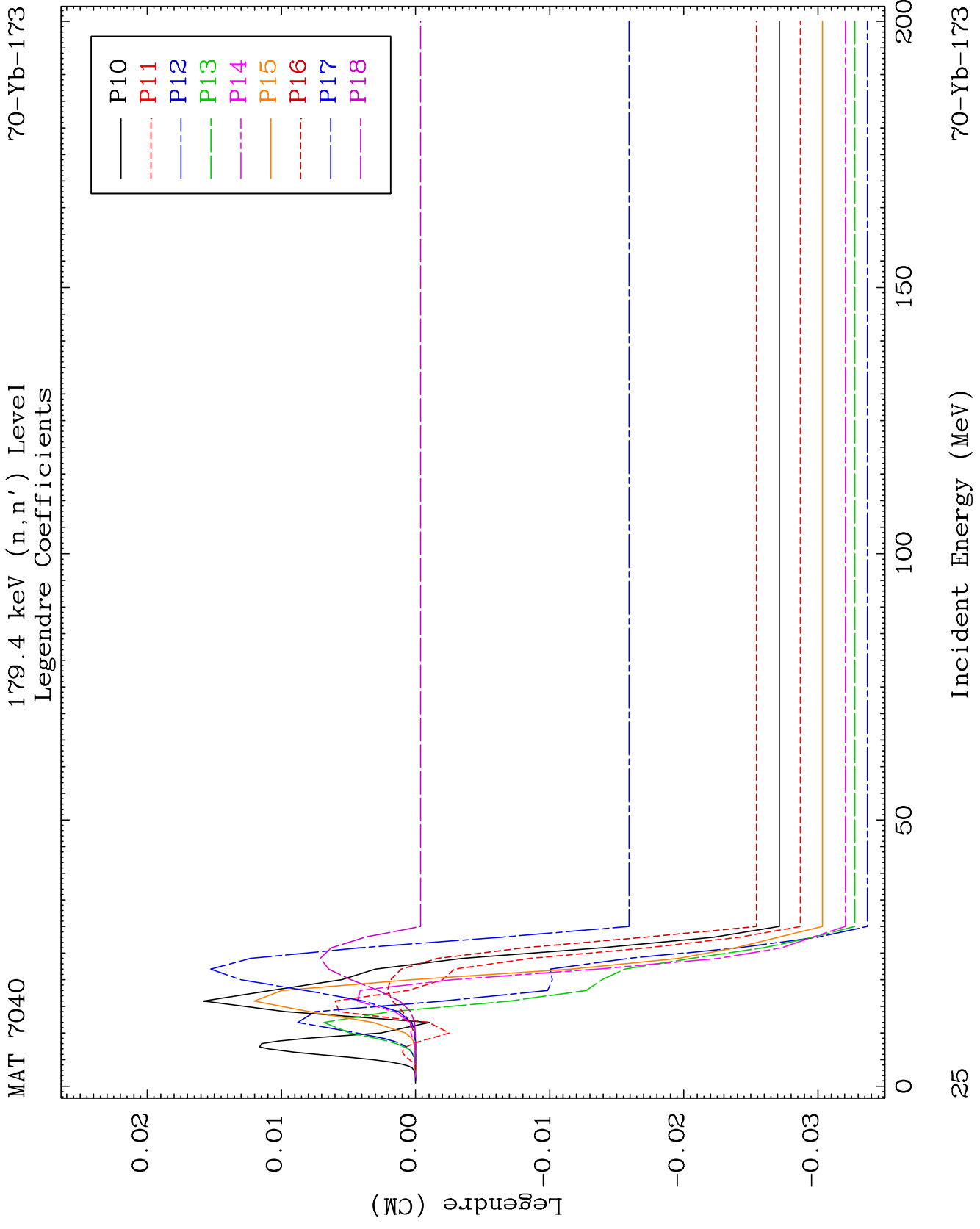
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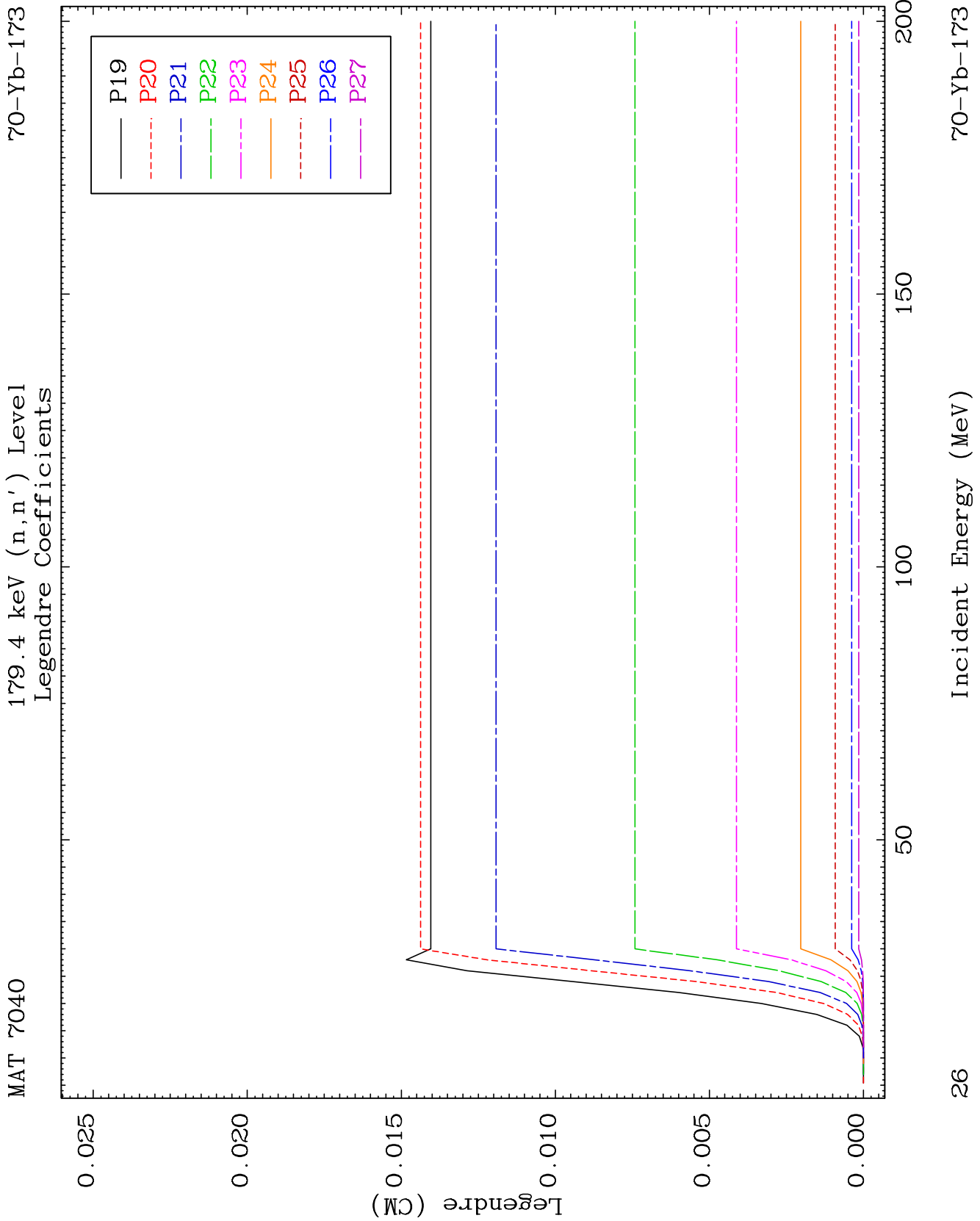


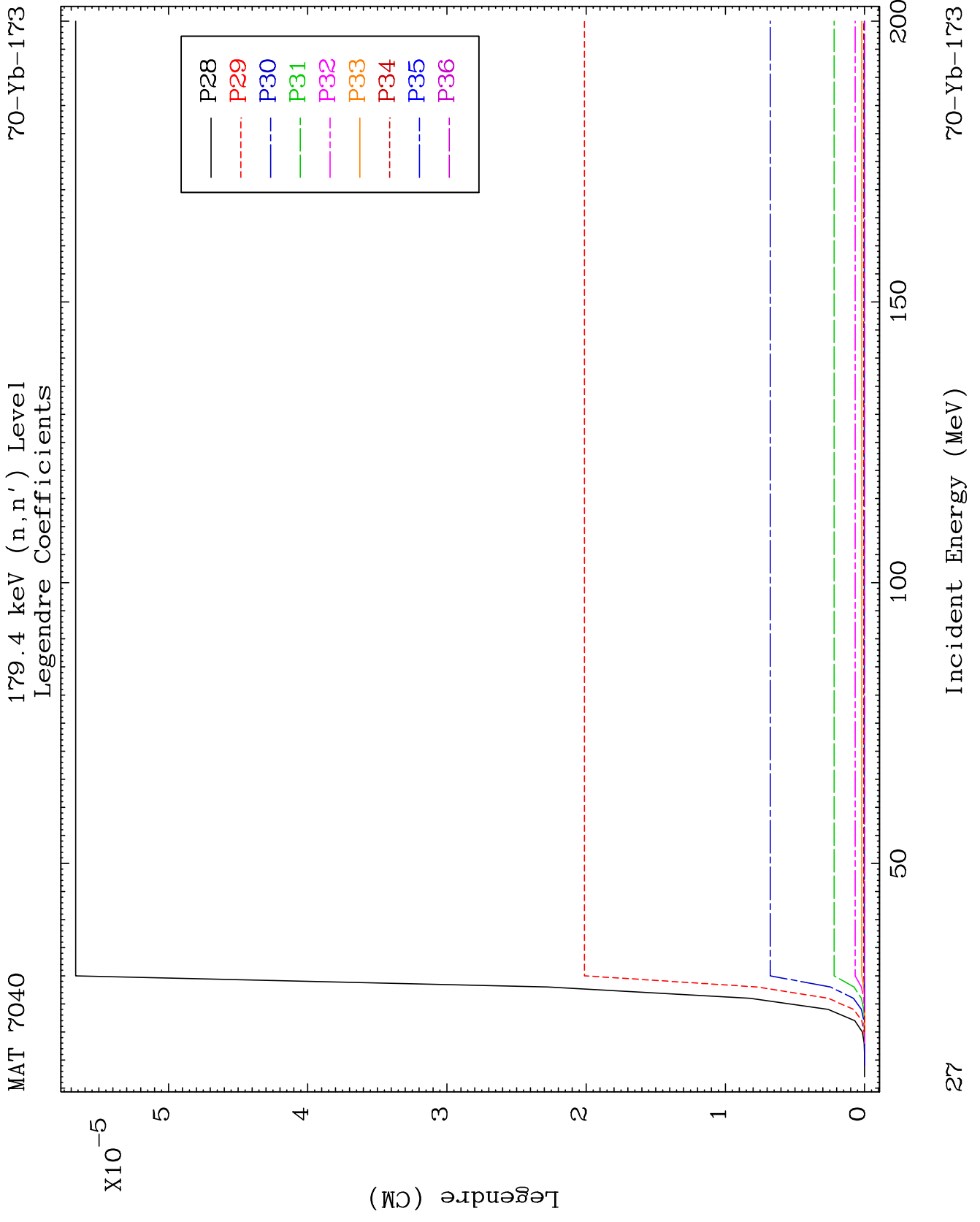








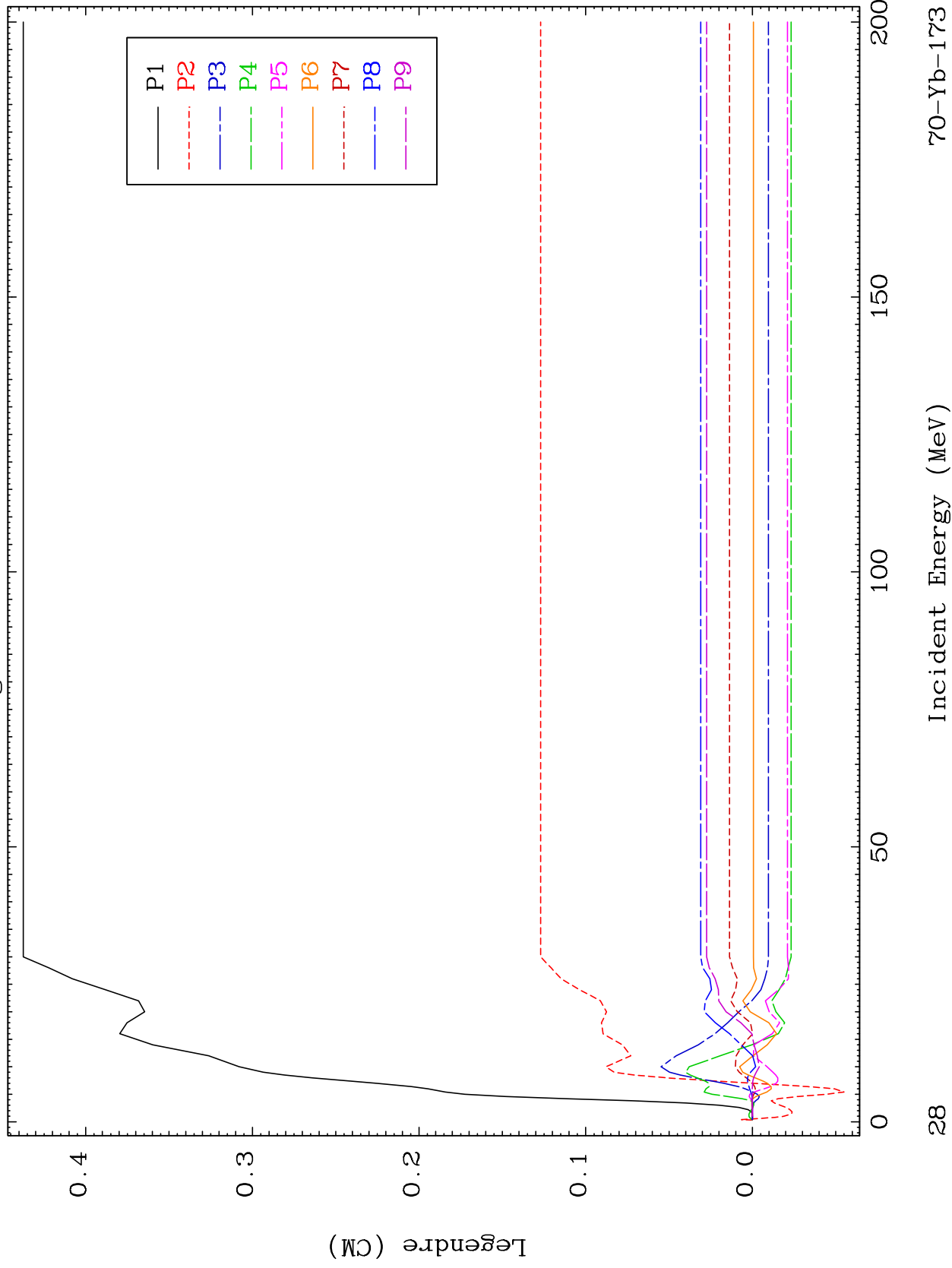




MAT 7040

301.9 keV (n,n') Level  
Legendre Coefficients

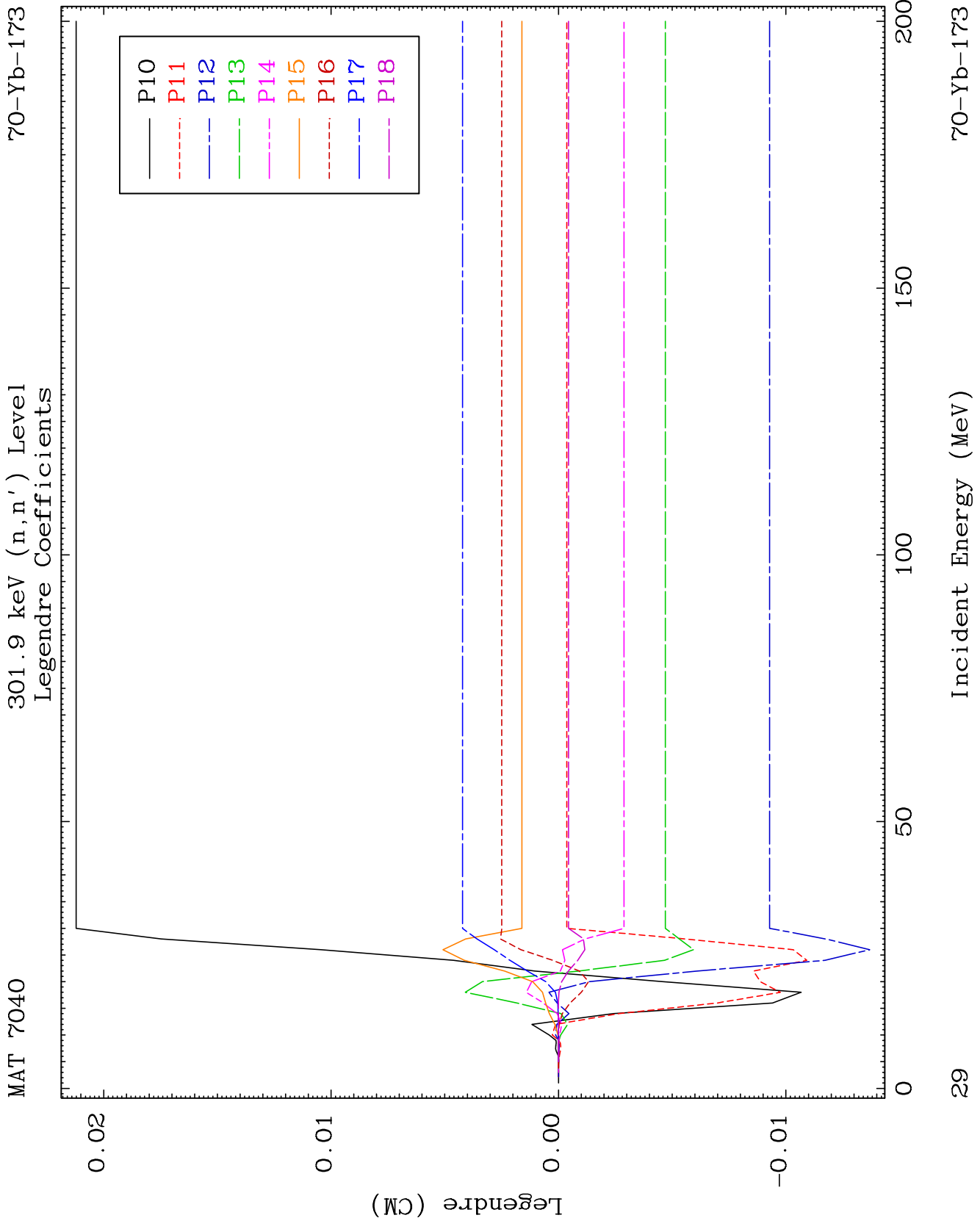
70-Yb-173

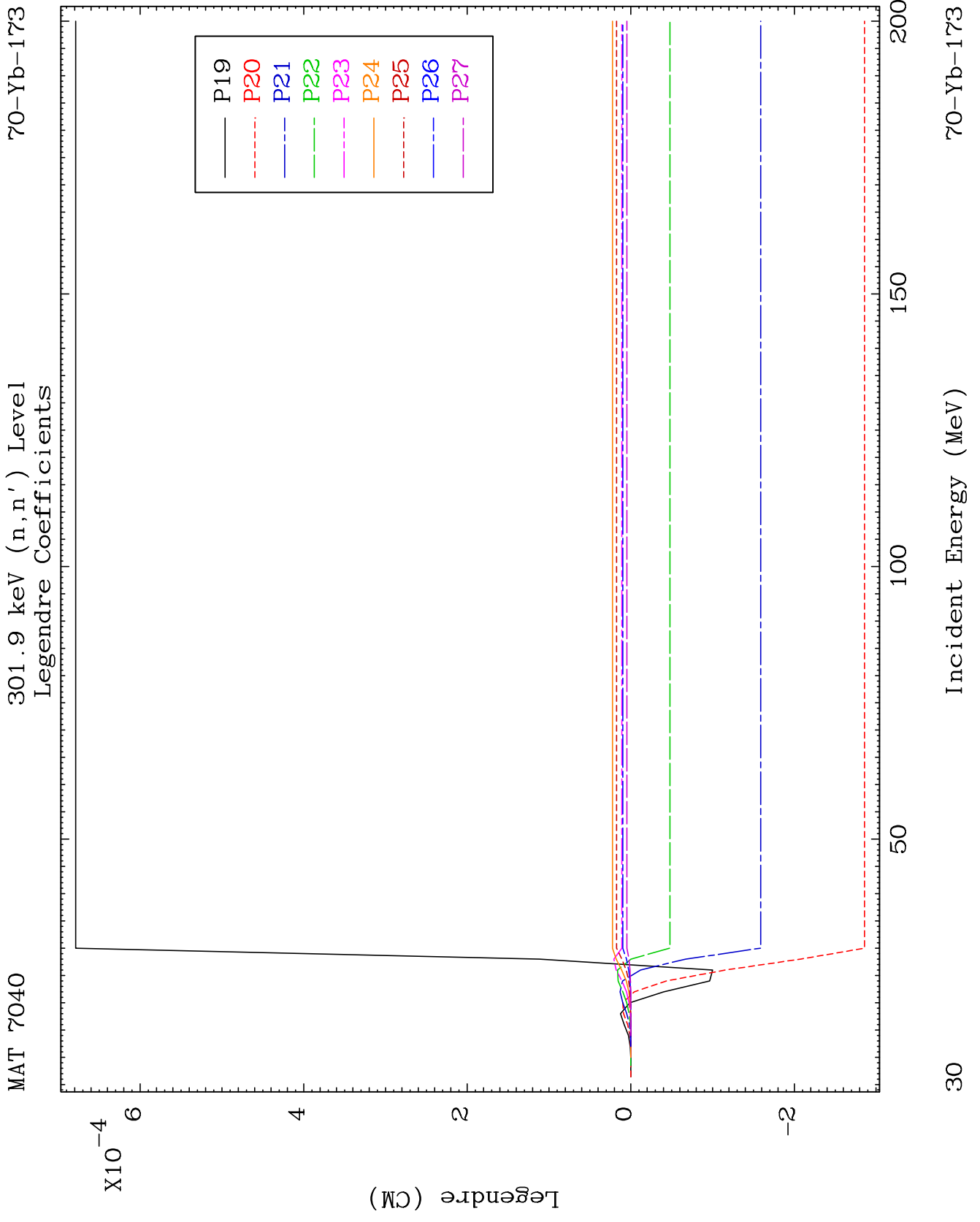


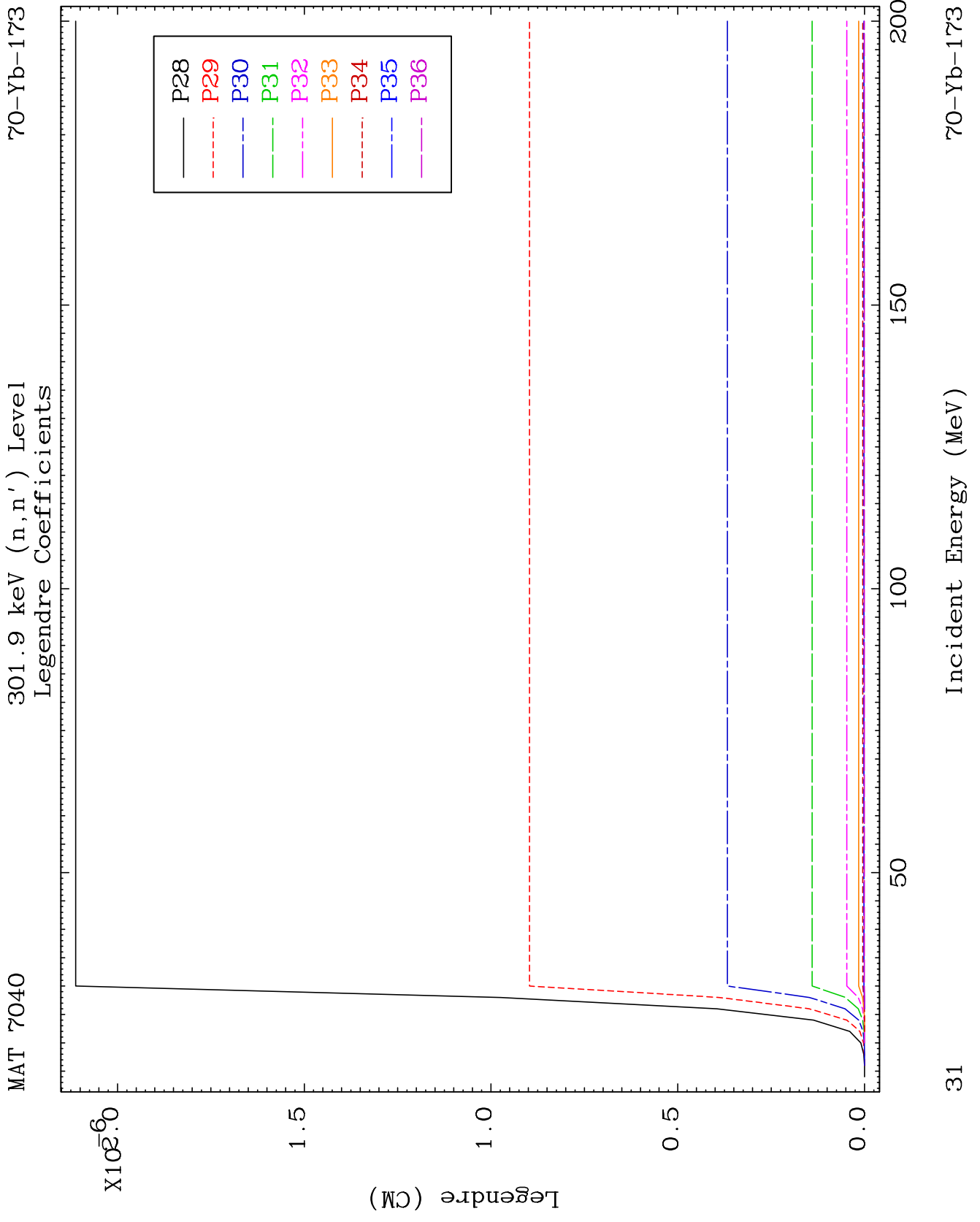
70-Yb-173

Incident Energy (MeV)

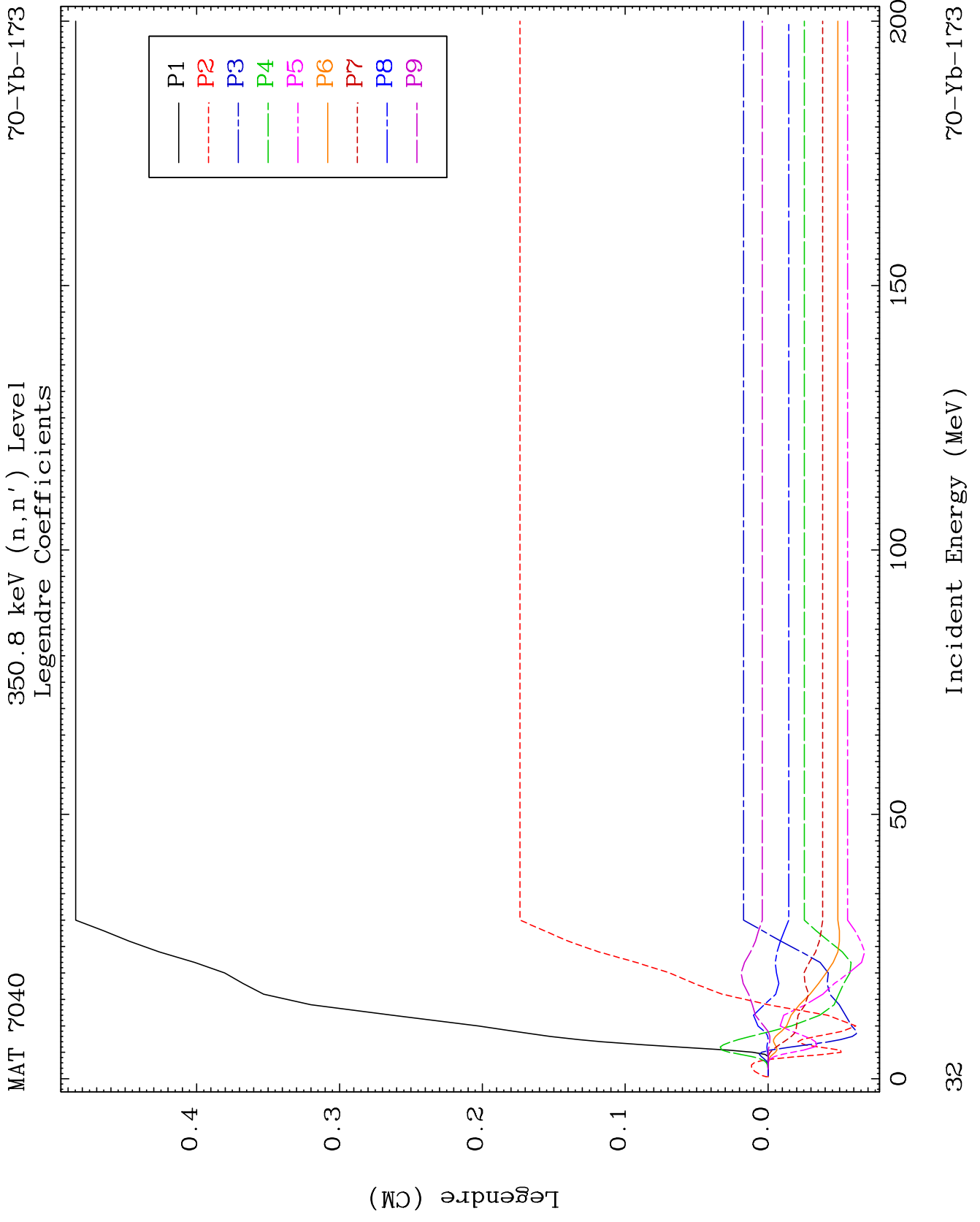
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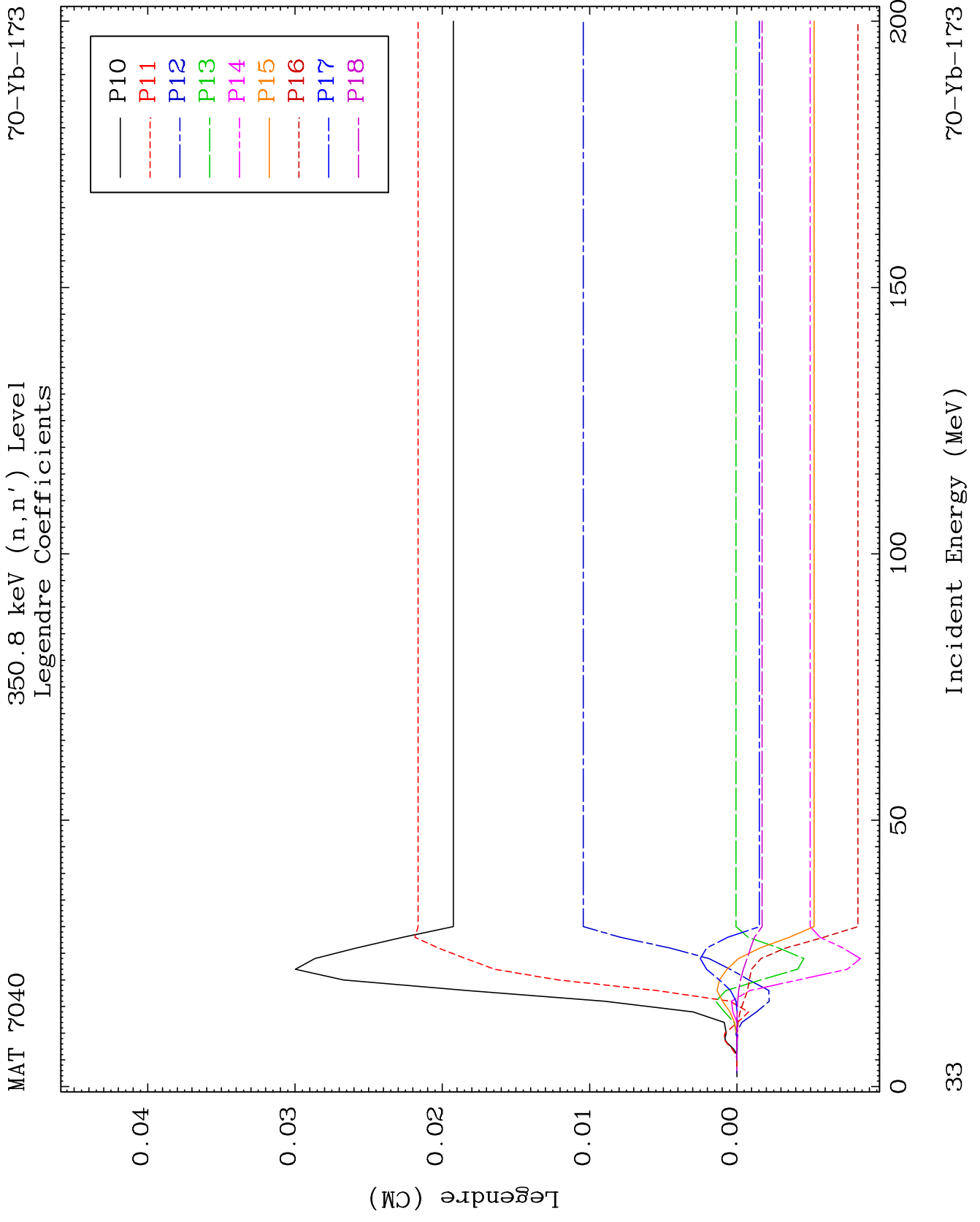


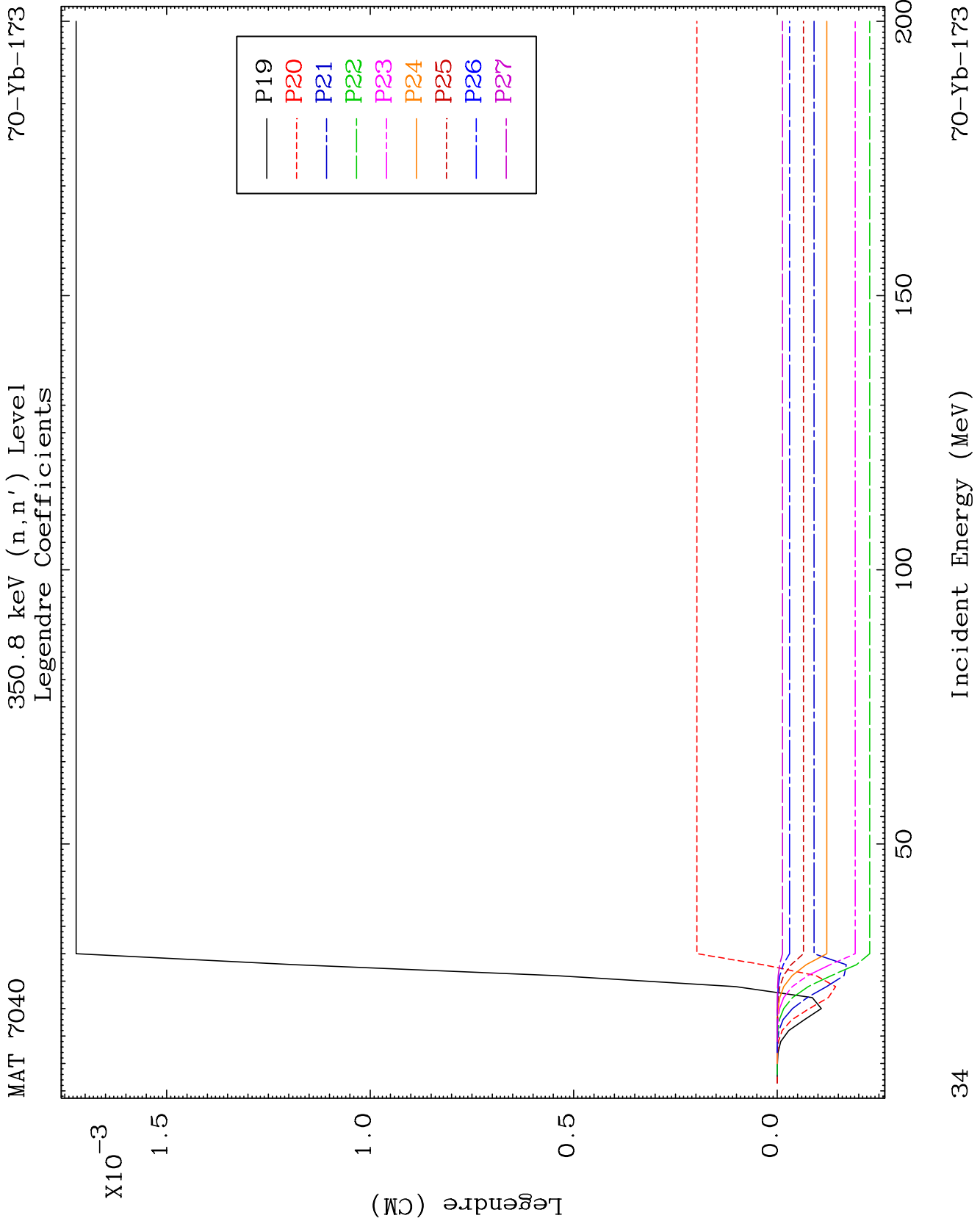


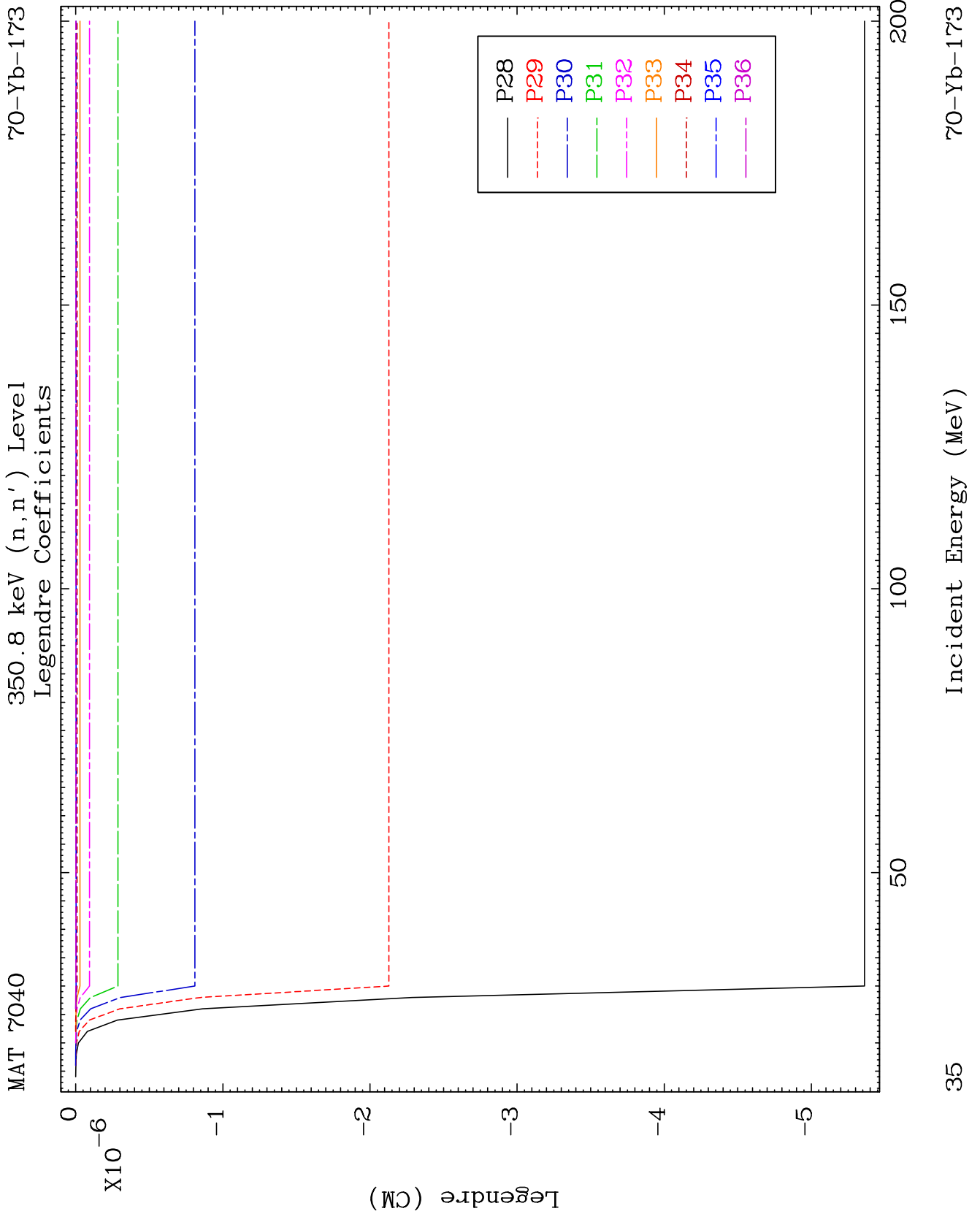


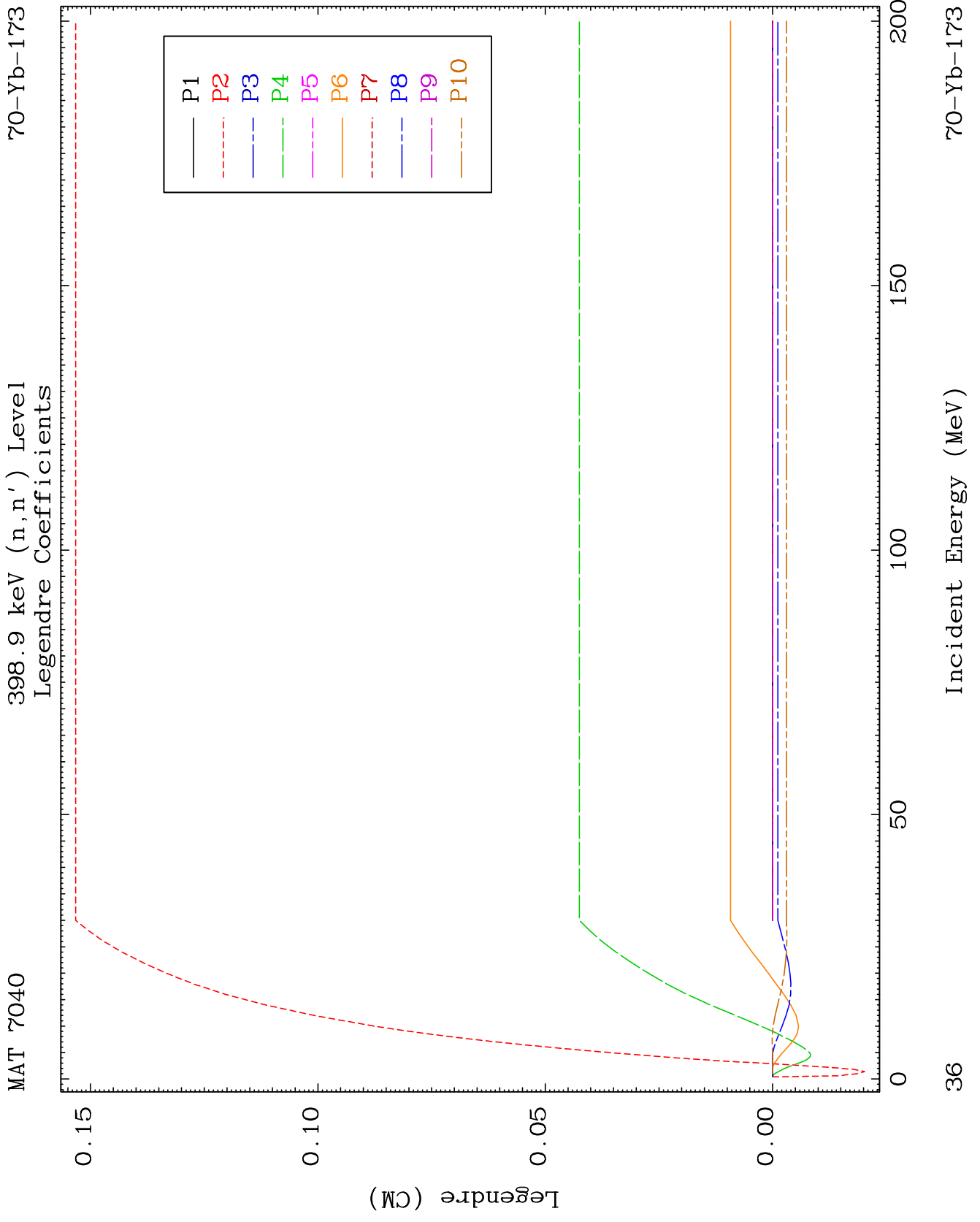


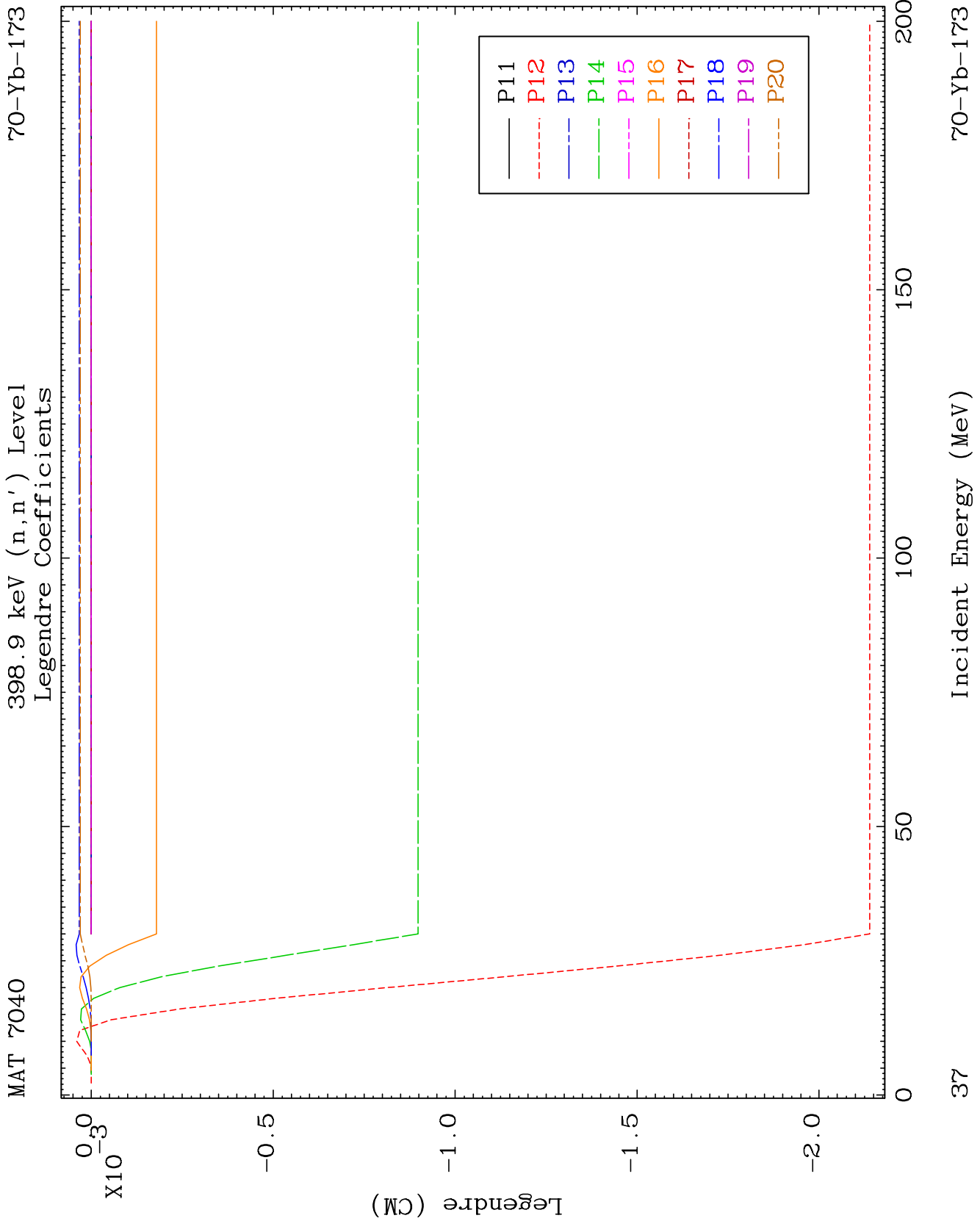


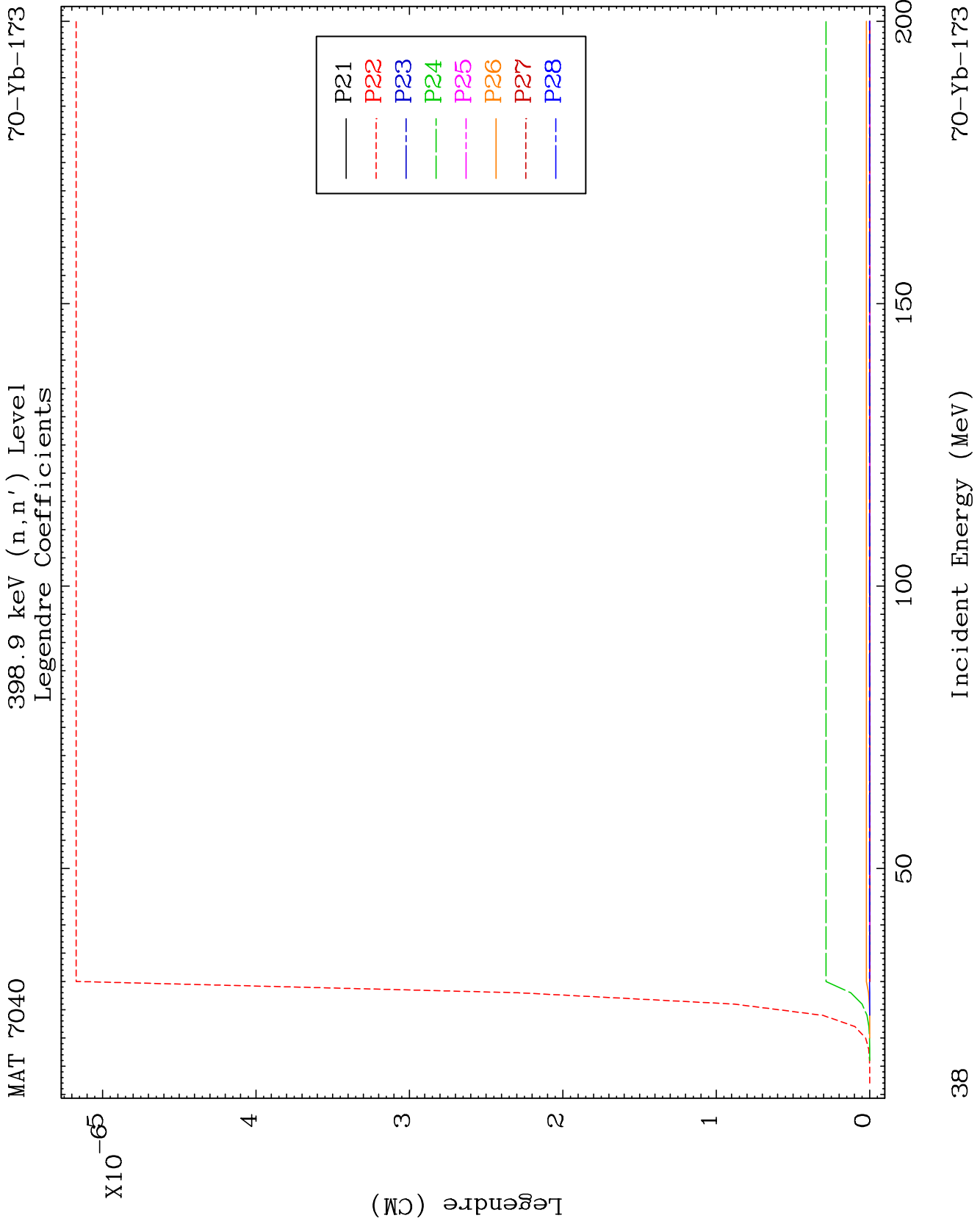


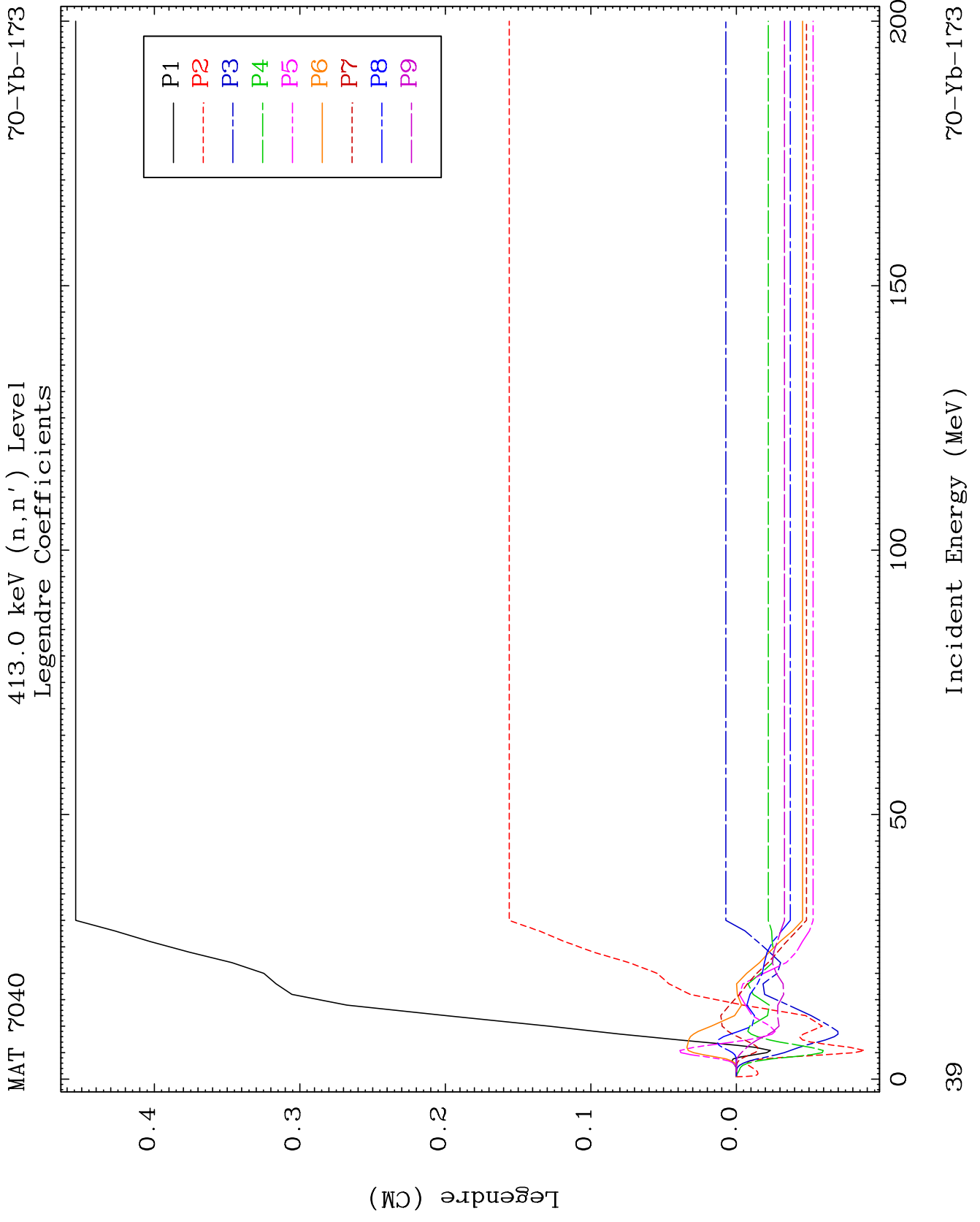










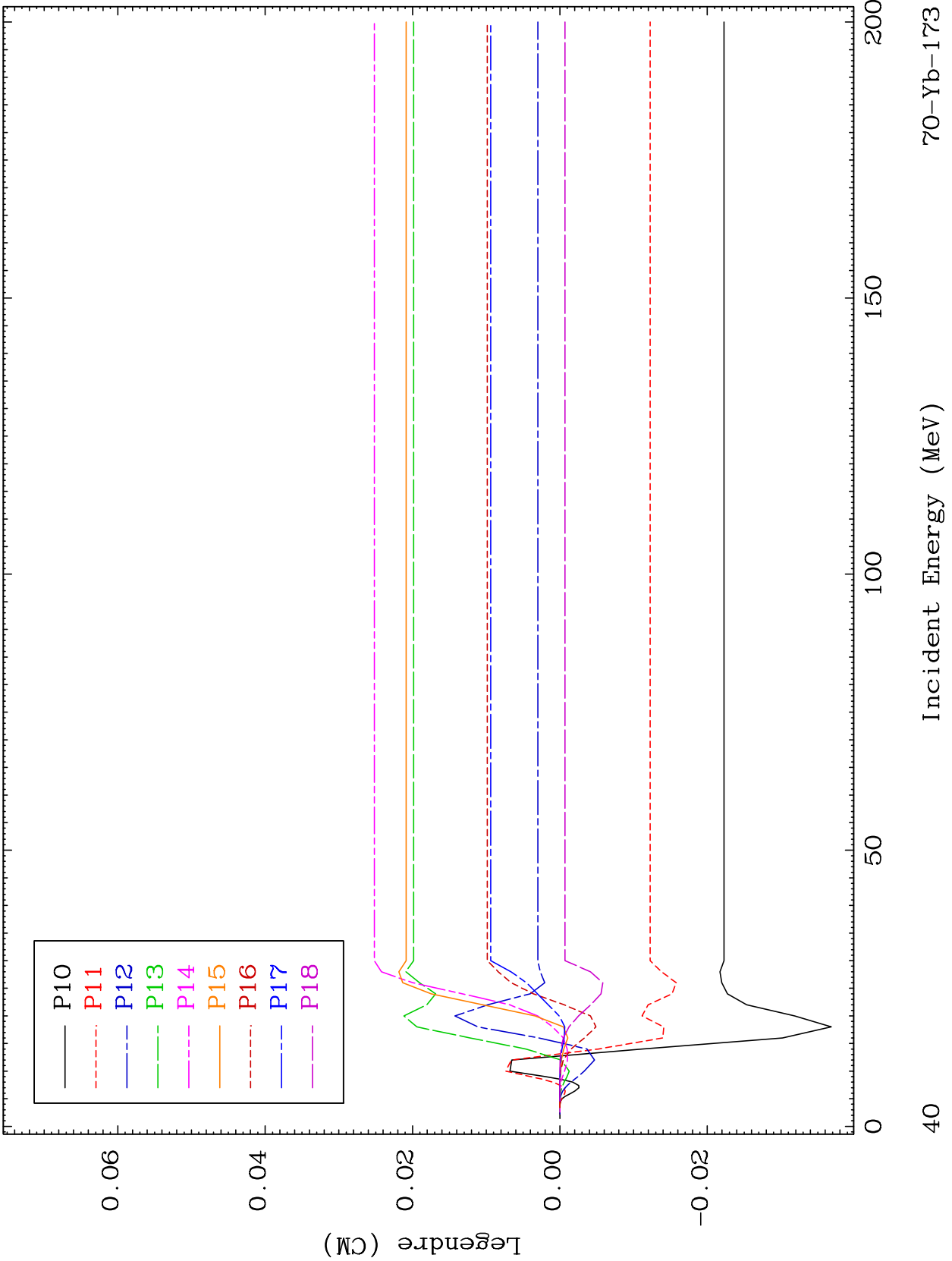




MAT 7040

413.0 keV (n, n') Level  
Legendre Coefficients

70-Yb-173



70-Yb-173

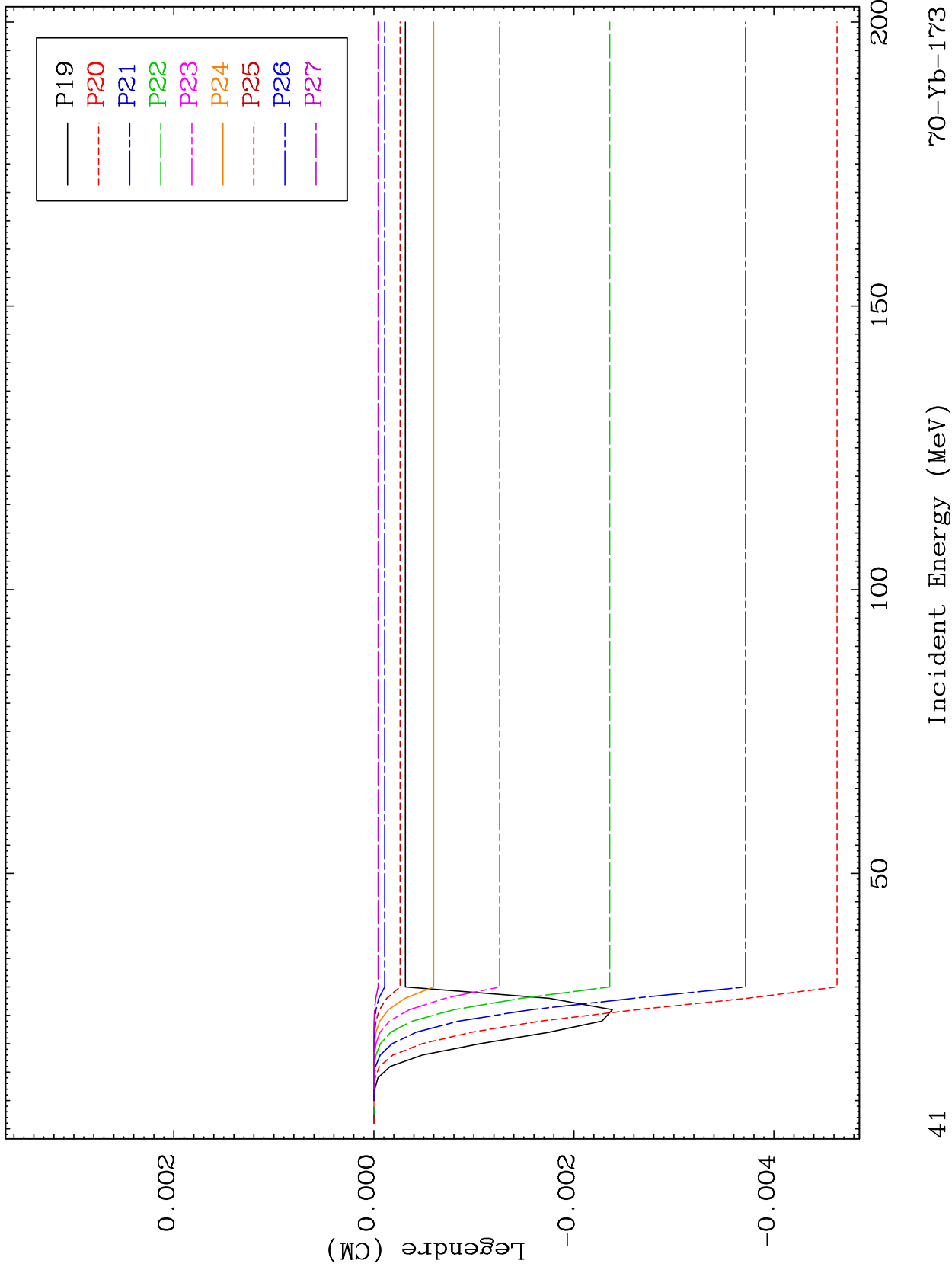
Incident Energy (MeV)

40

MAT 7040

413.0 keV (n,n') Level  
Legendre Coefficients

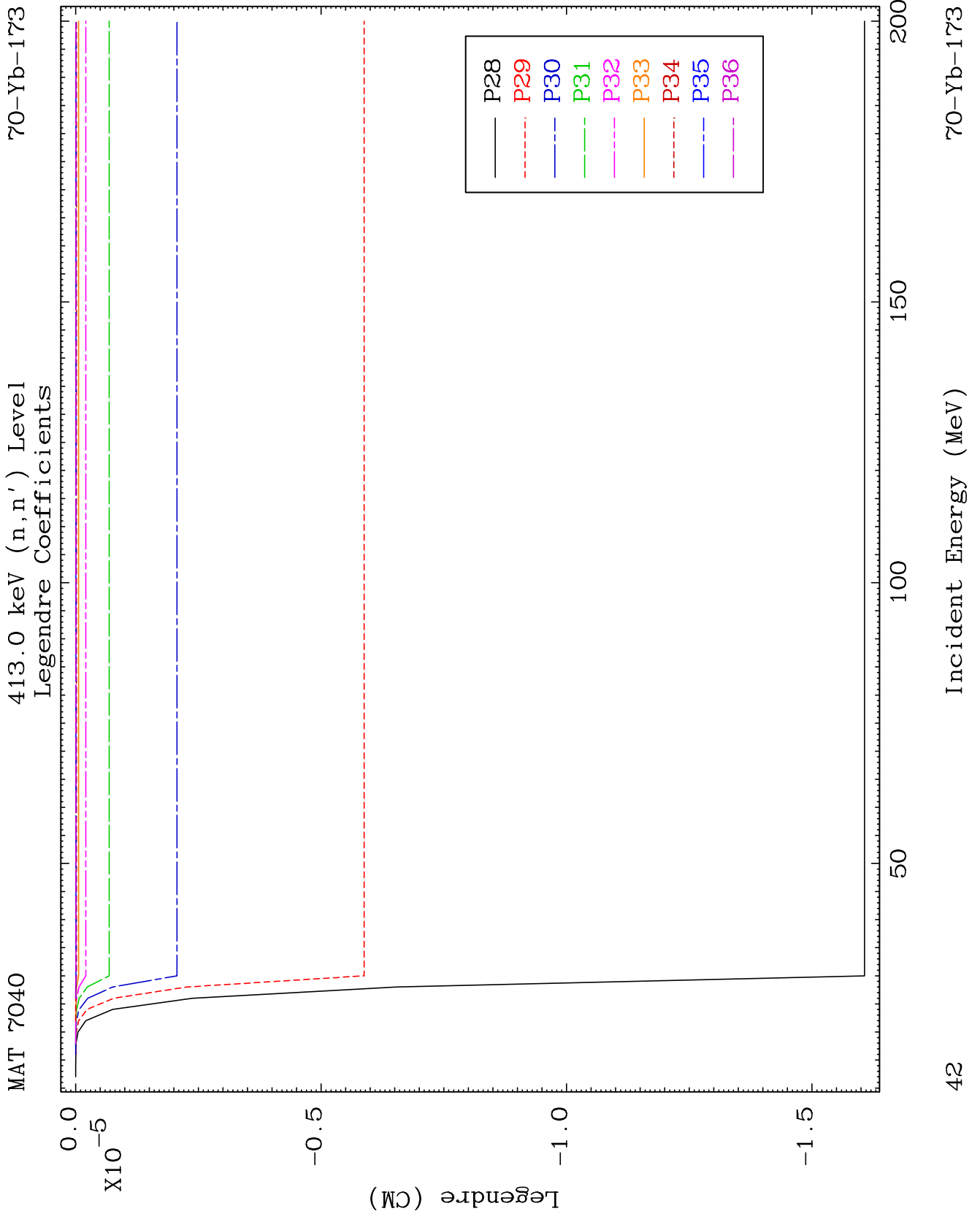
70-Yb-173



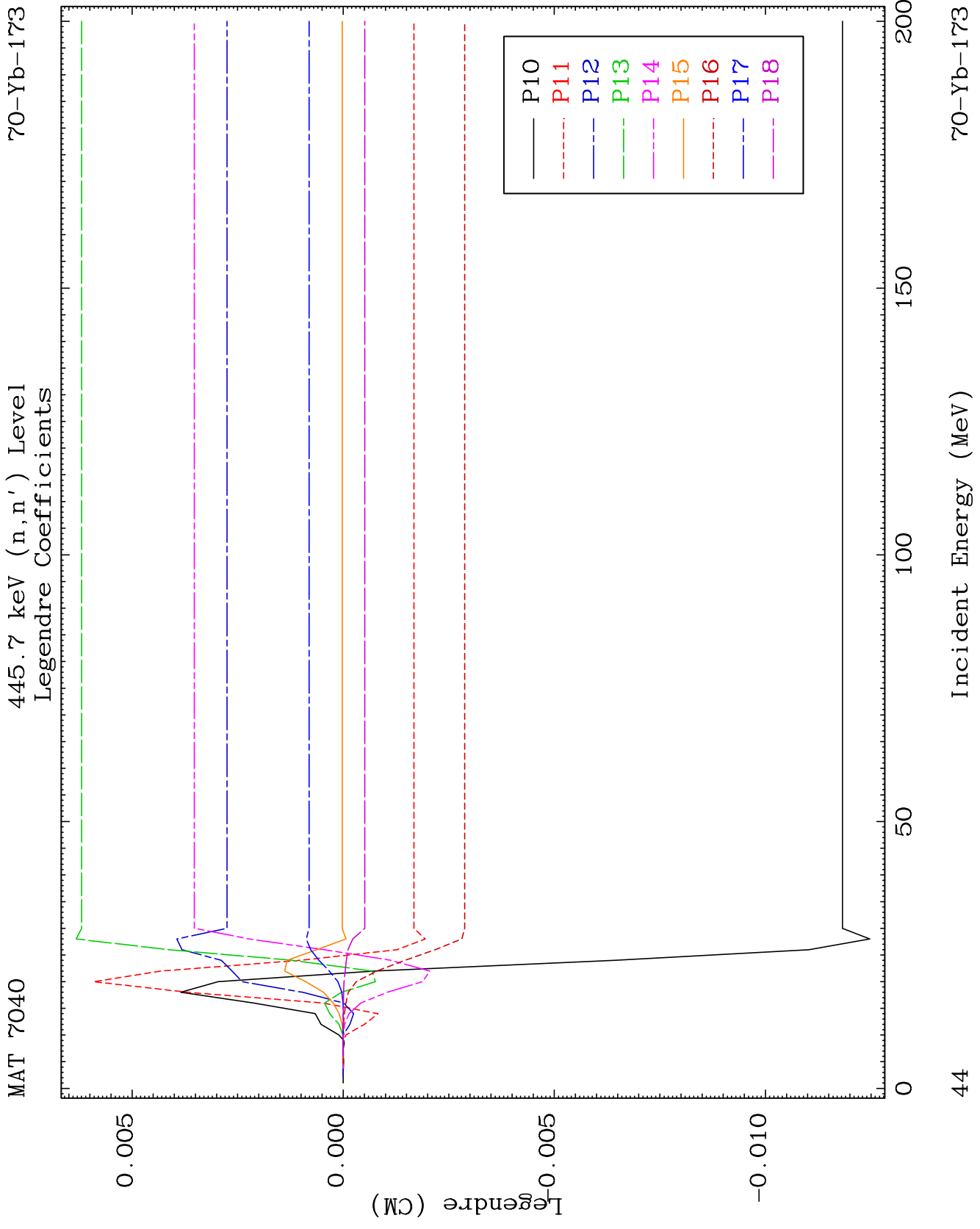
41

Incident Energy (MeV)

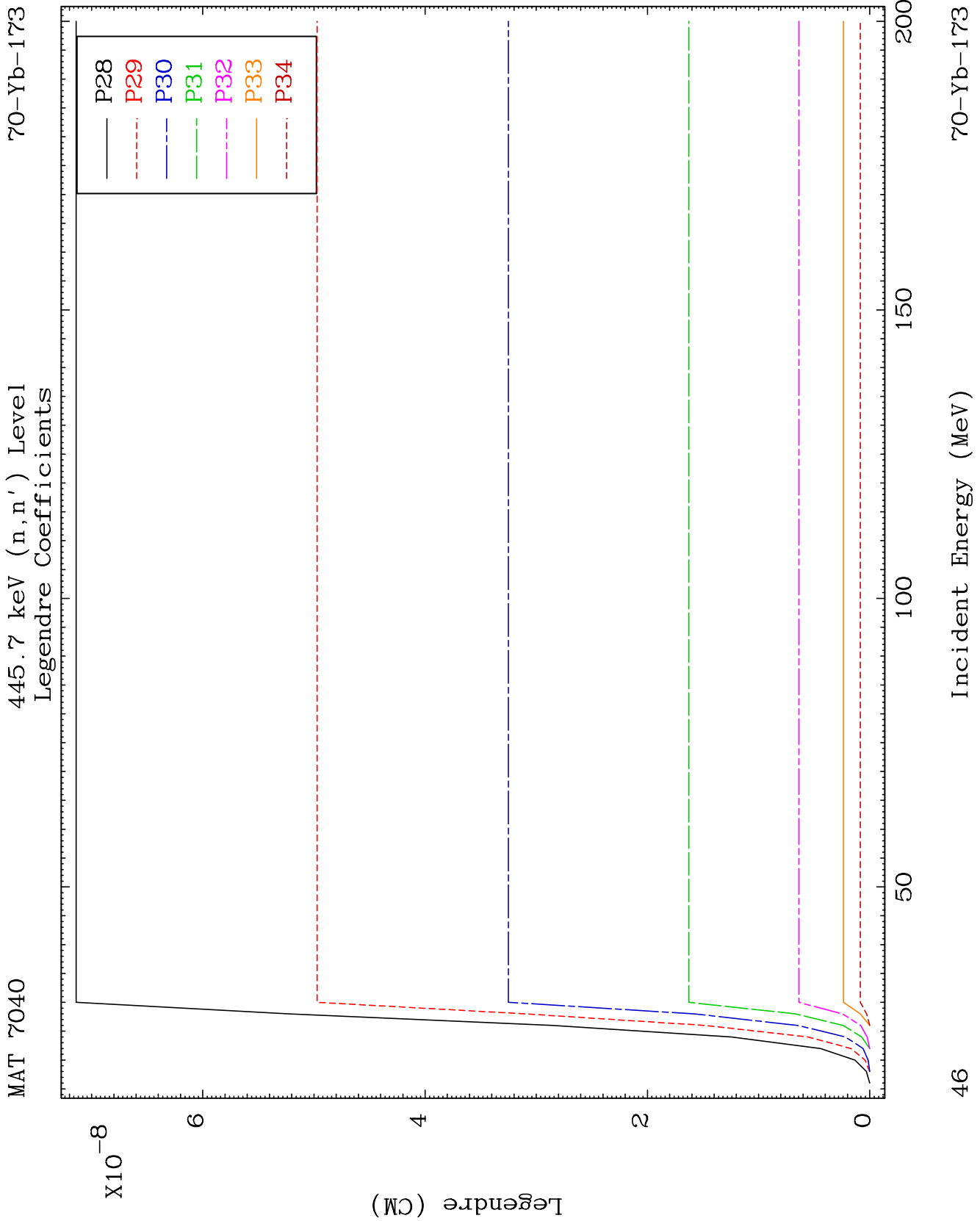
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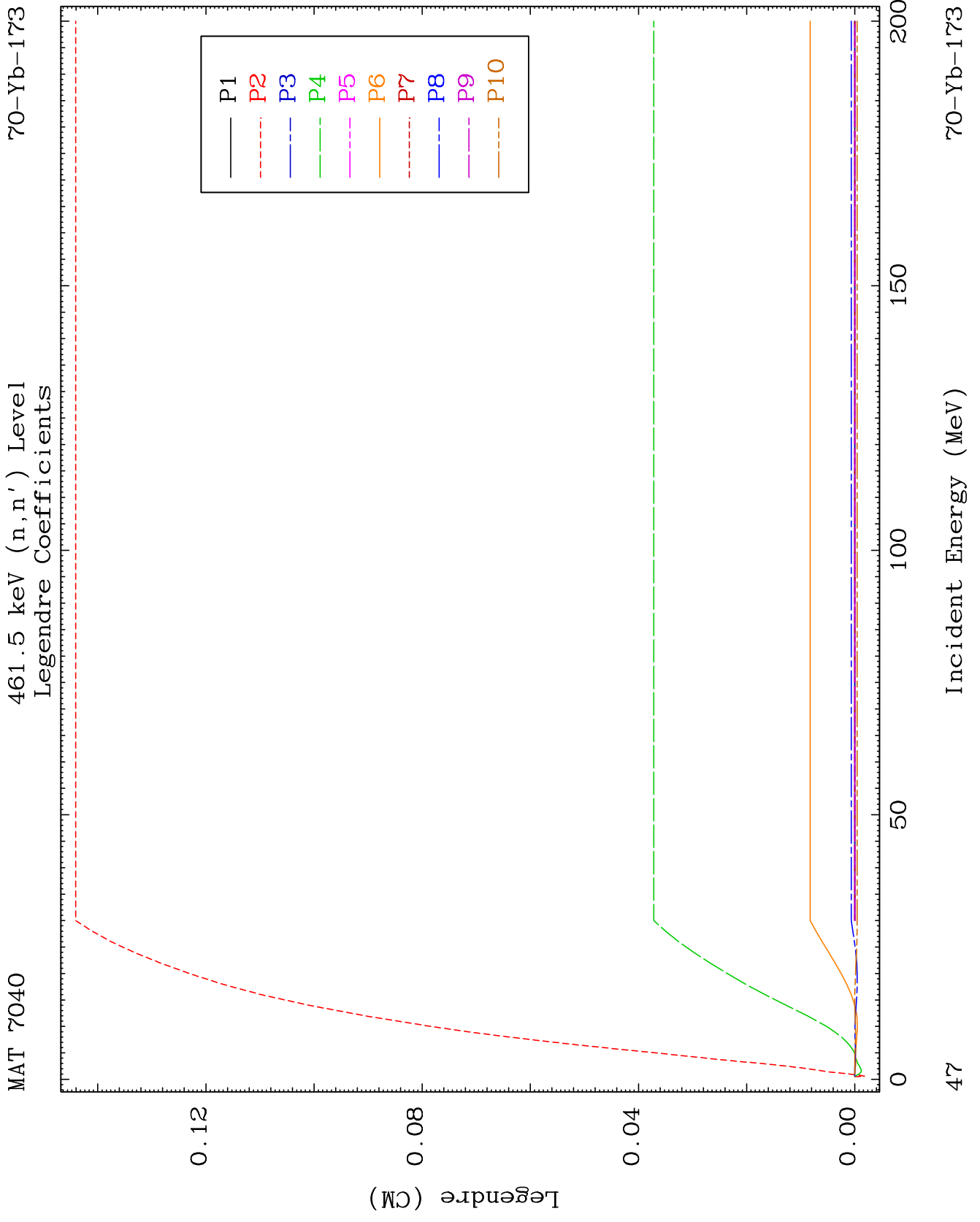




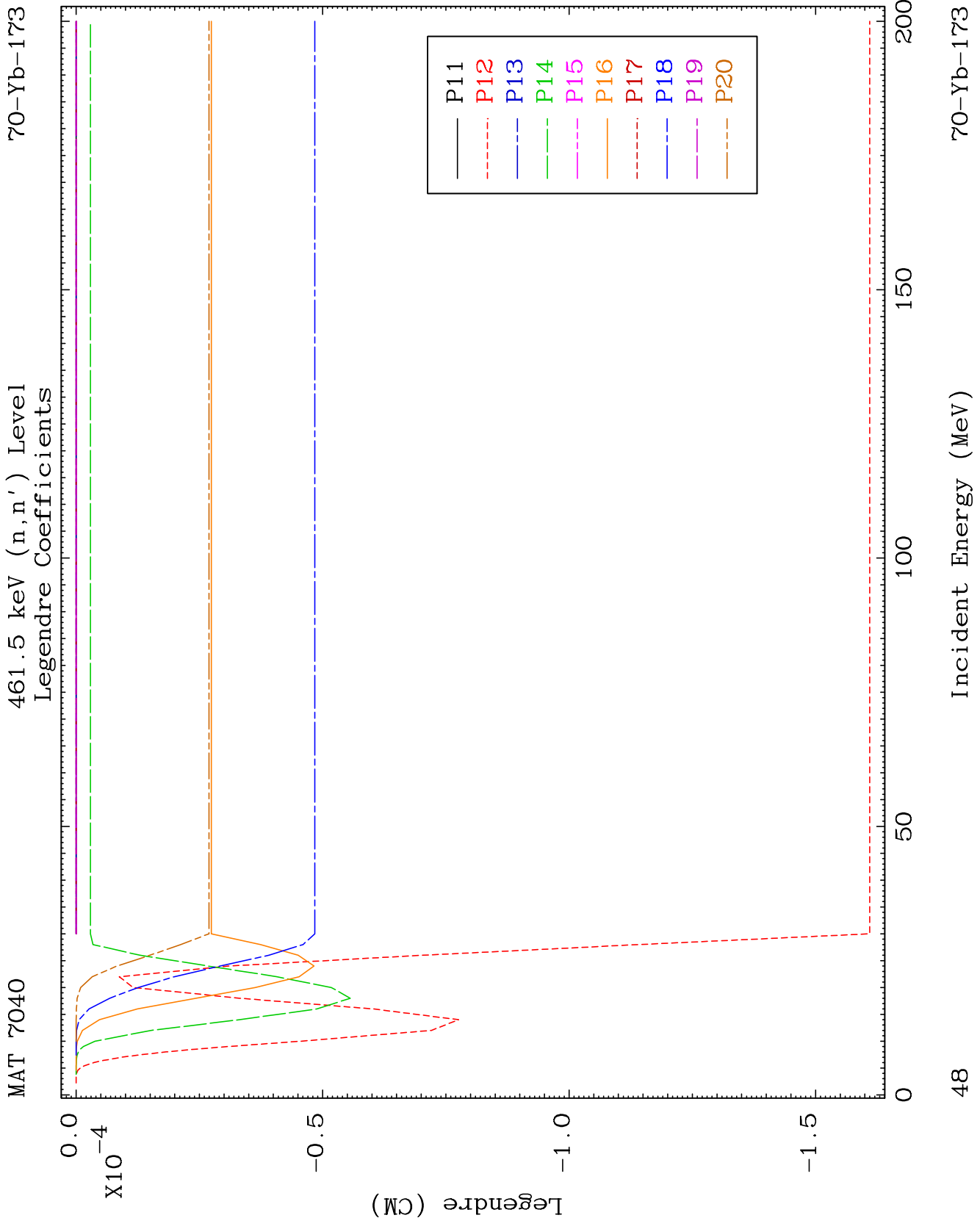


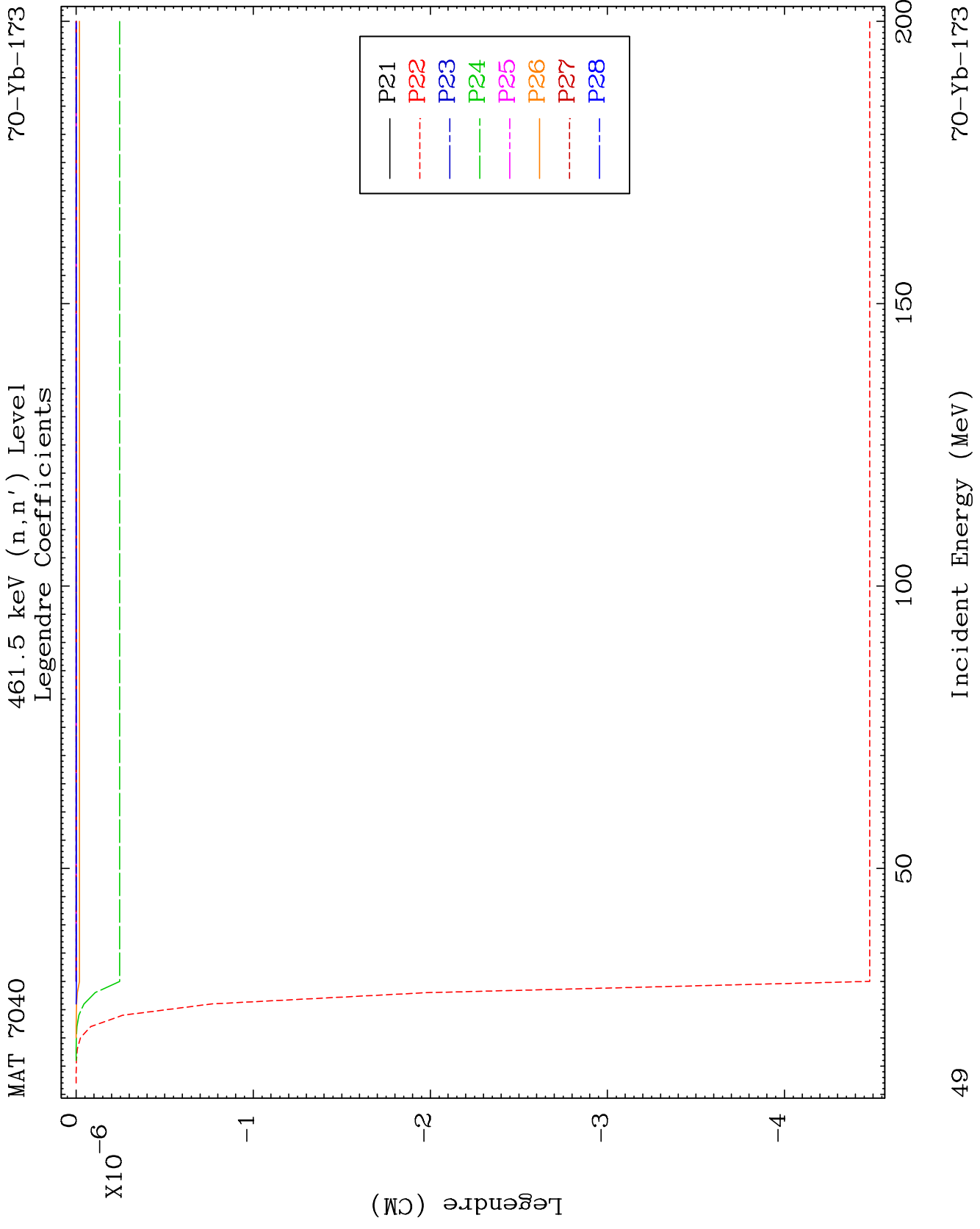






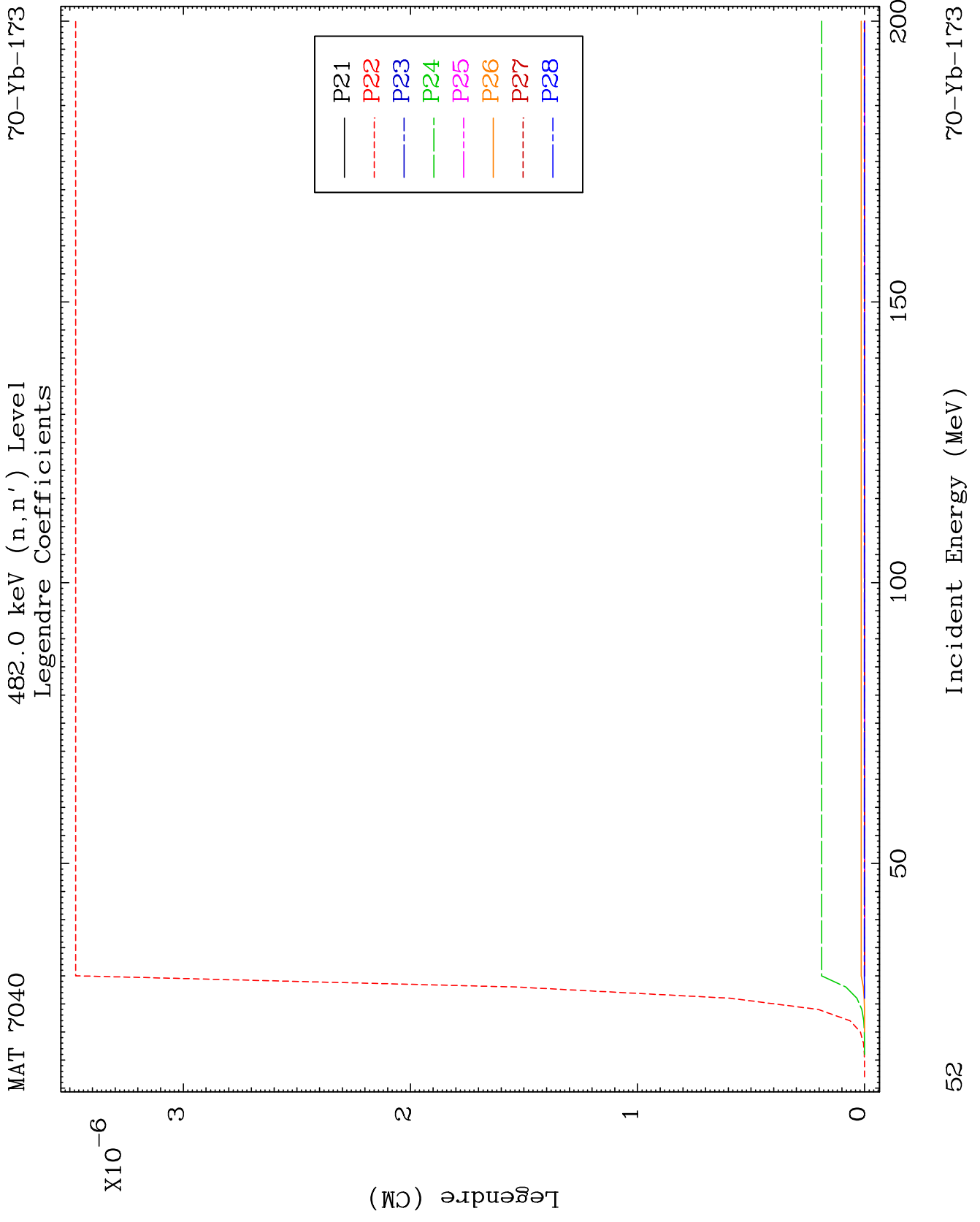


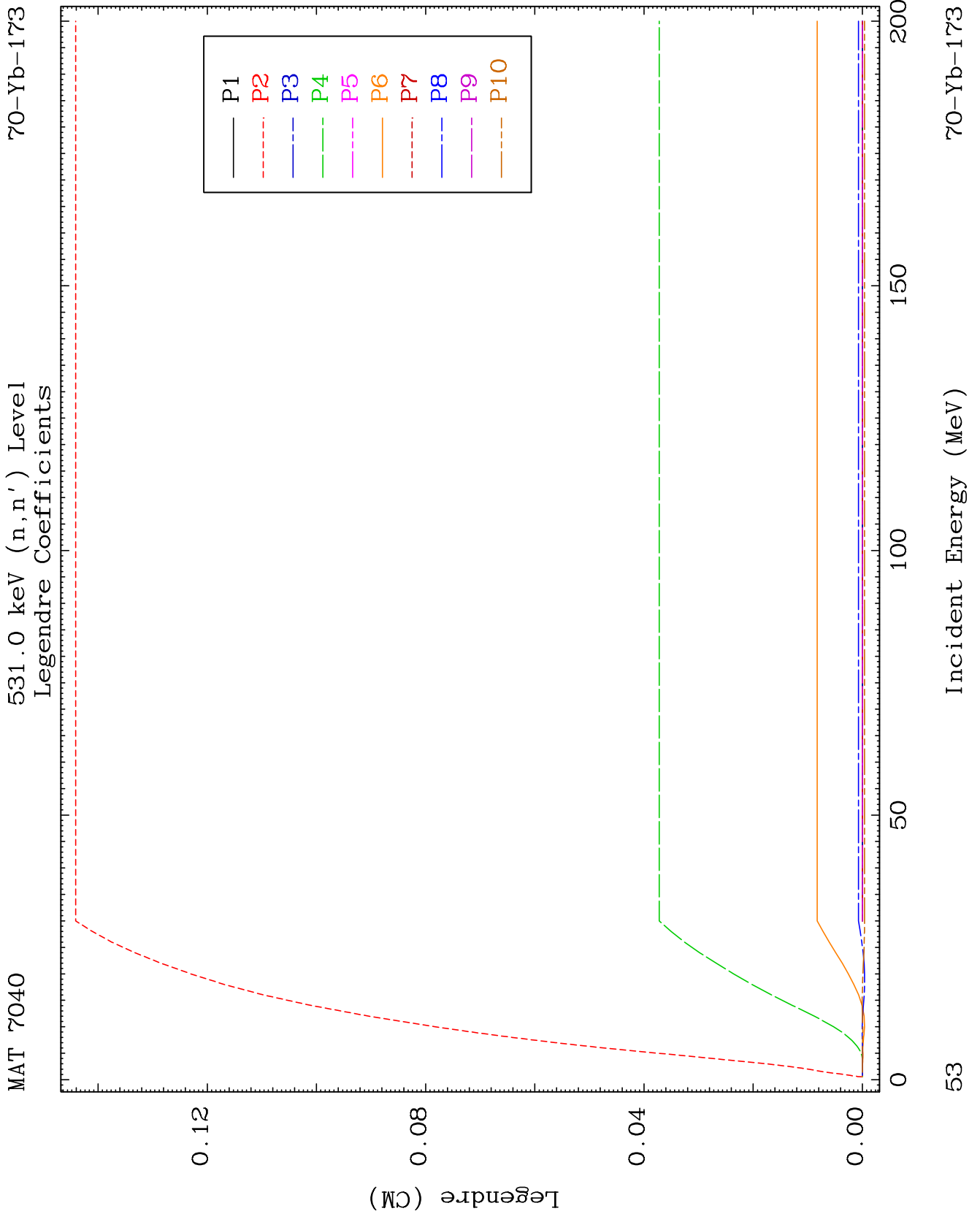








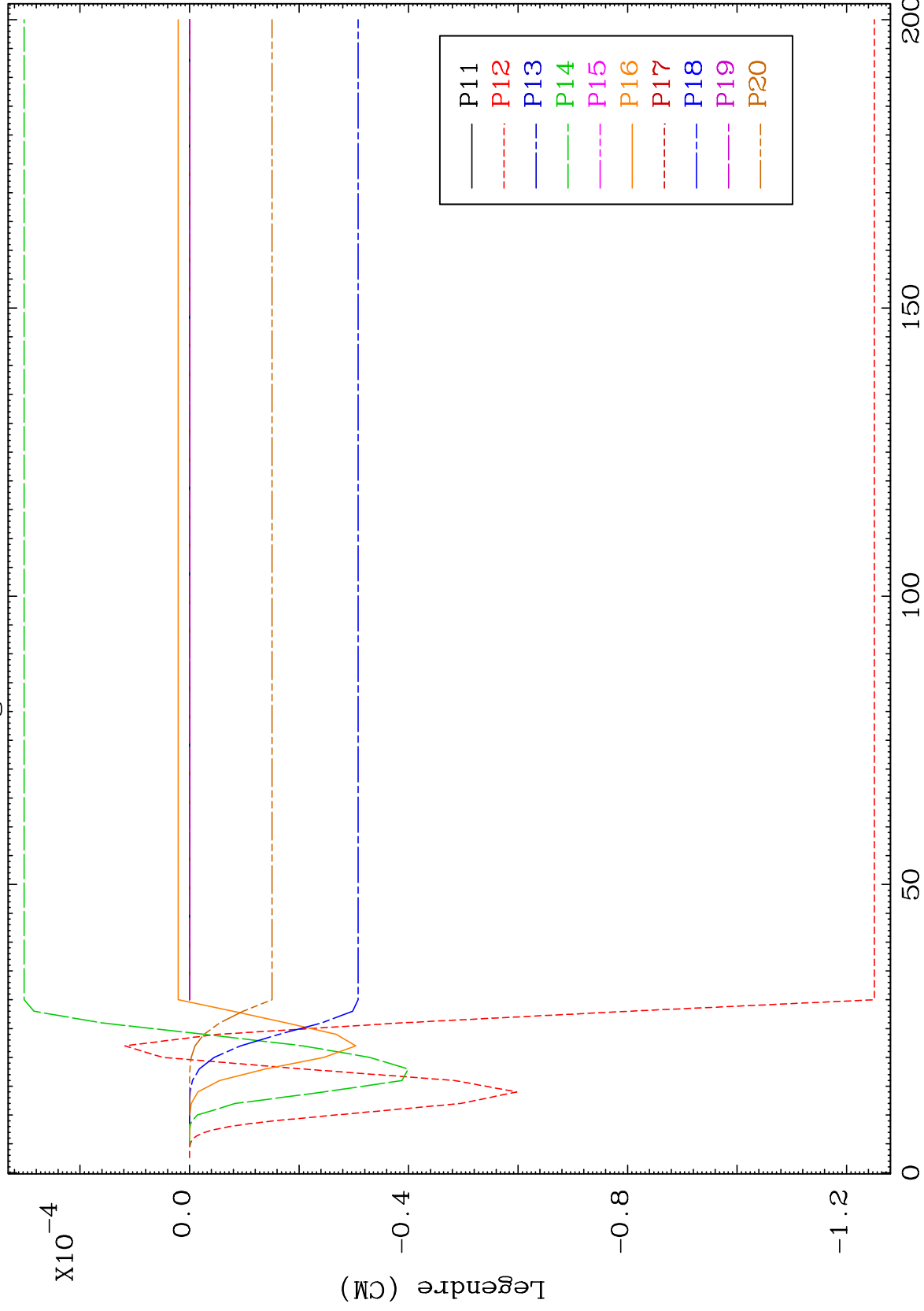




MAT 7040

531.0 keV (n,n') Level  
Legendre Coefficients

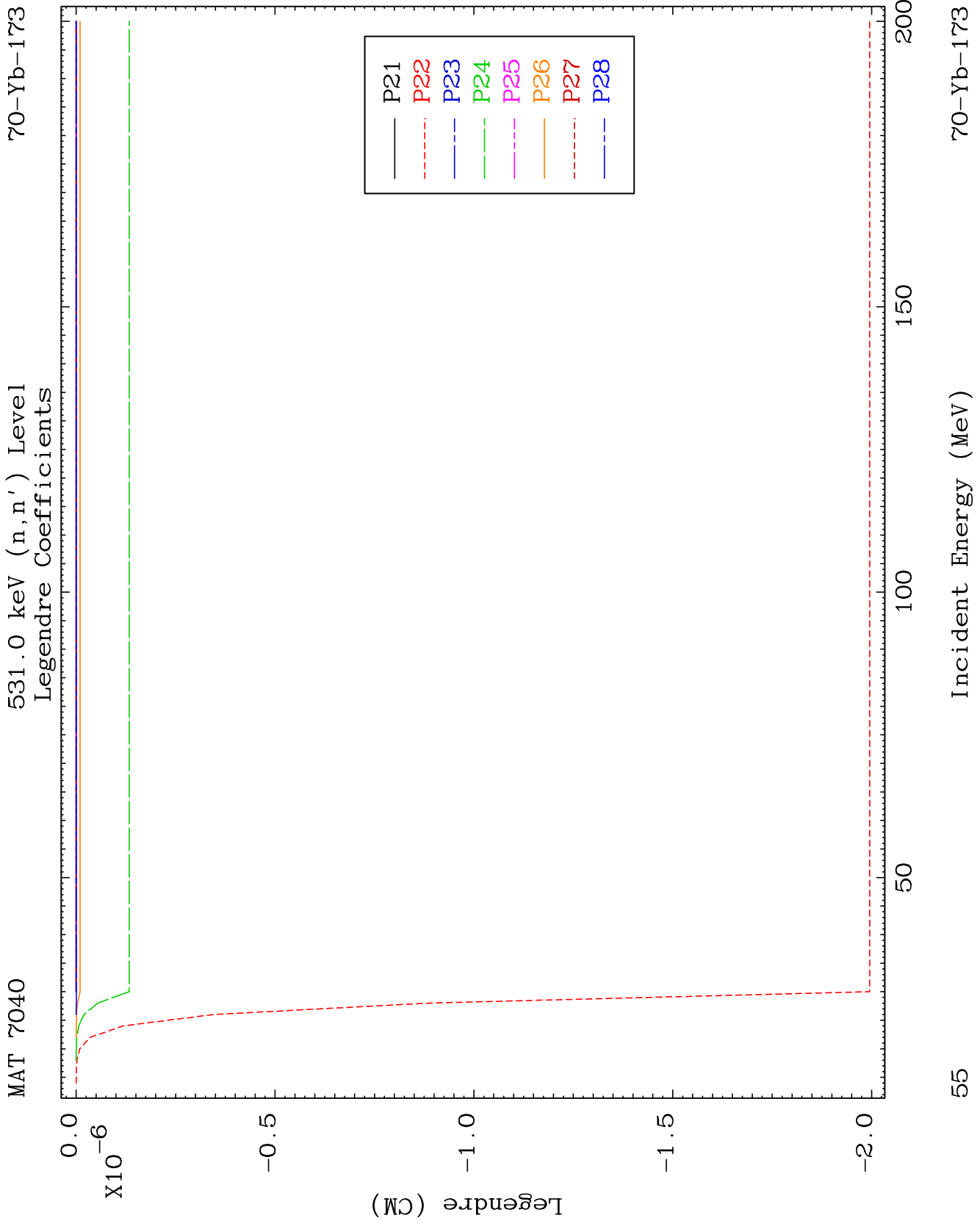
70-Yb-173



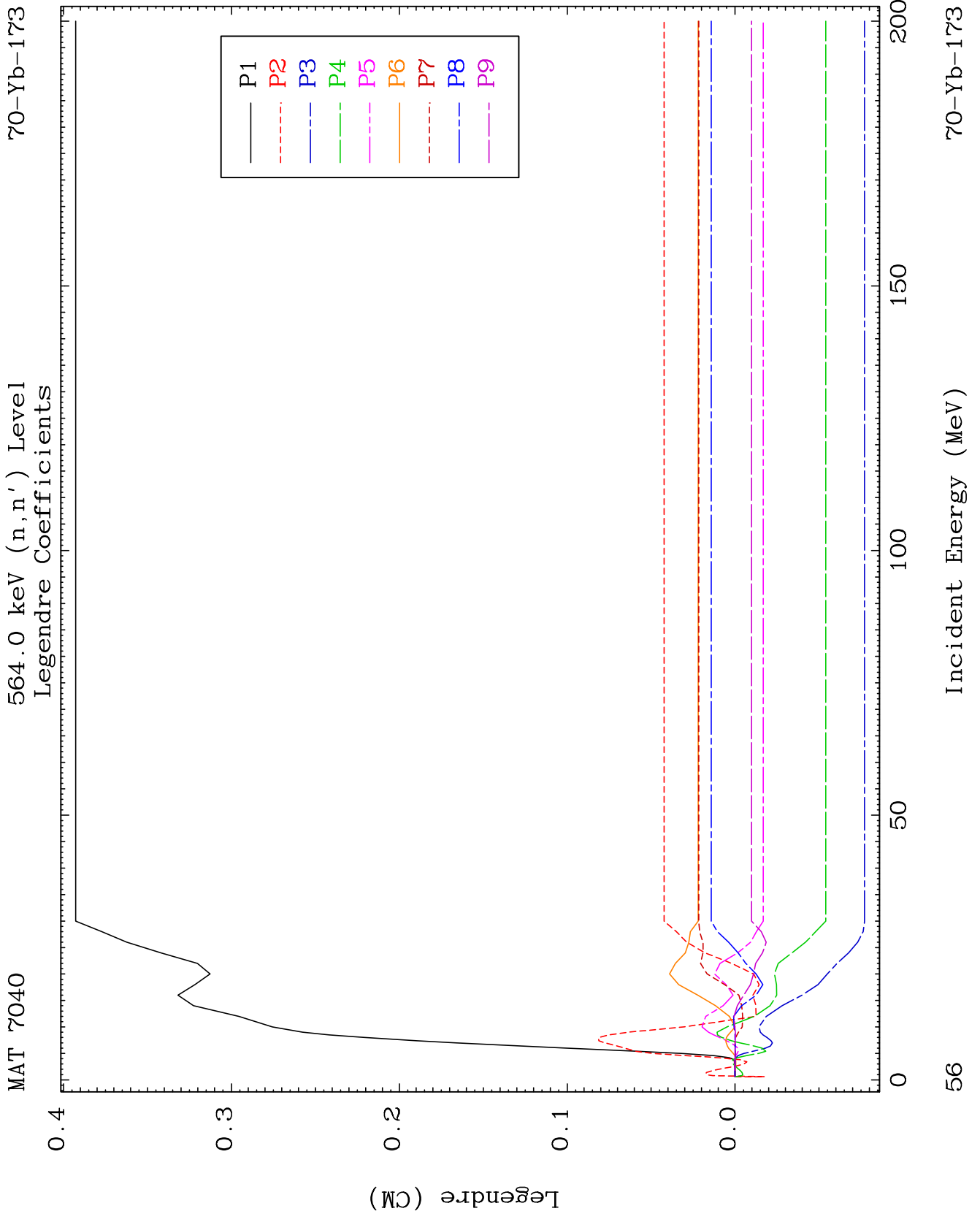
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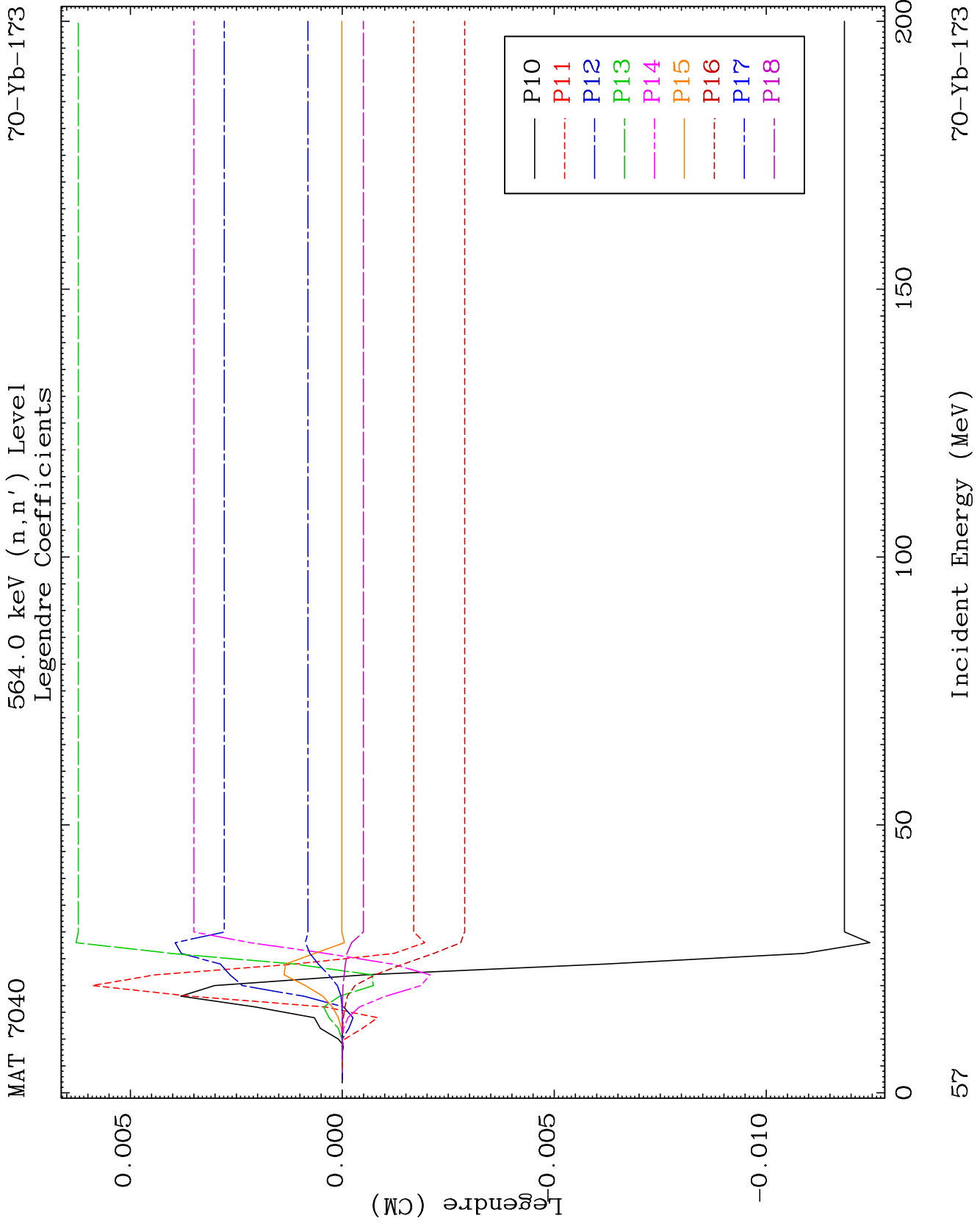
Incident Energy (MeV)

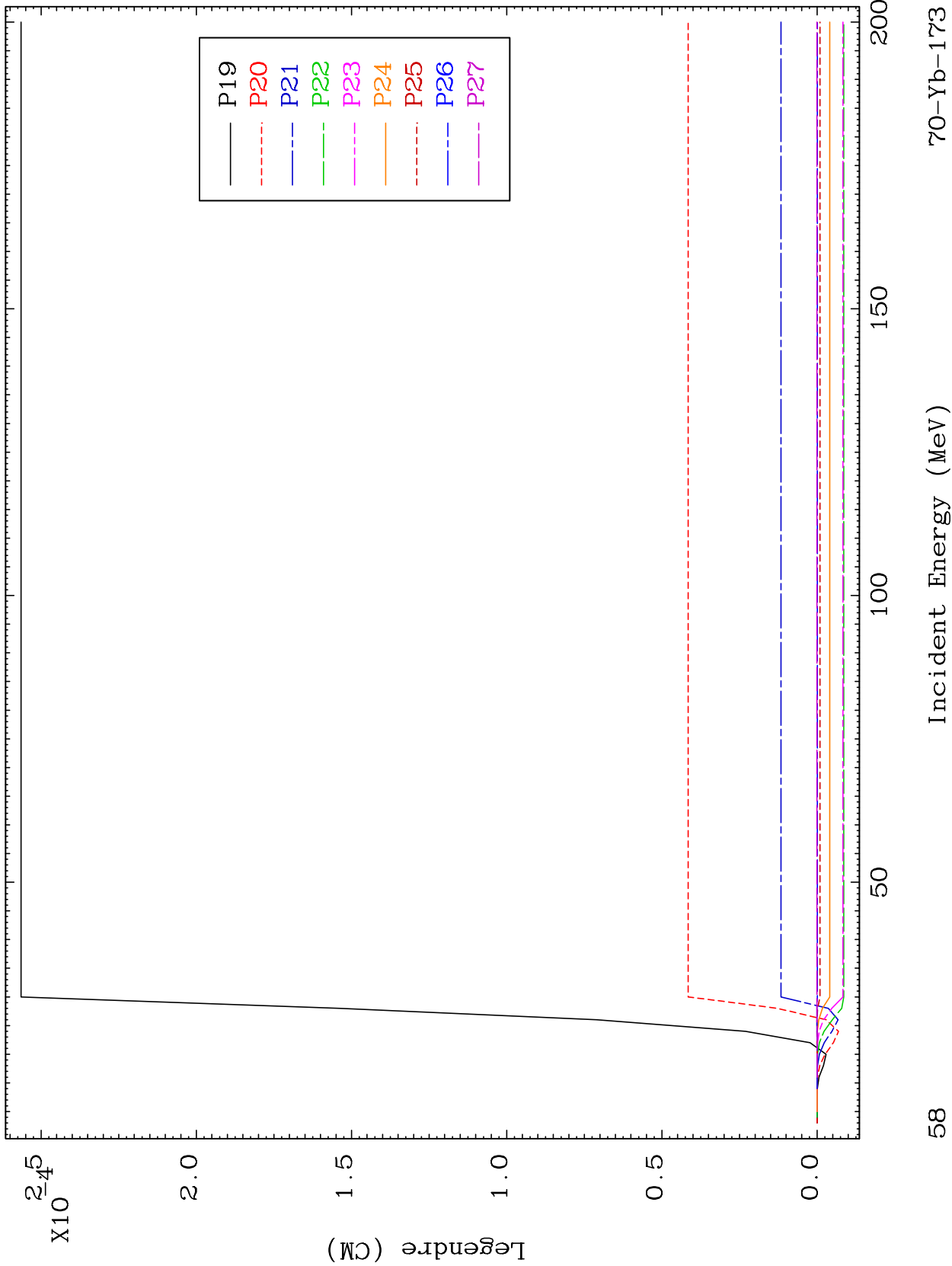
70-Yb-173





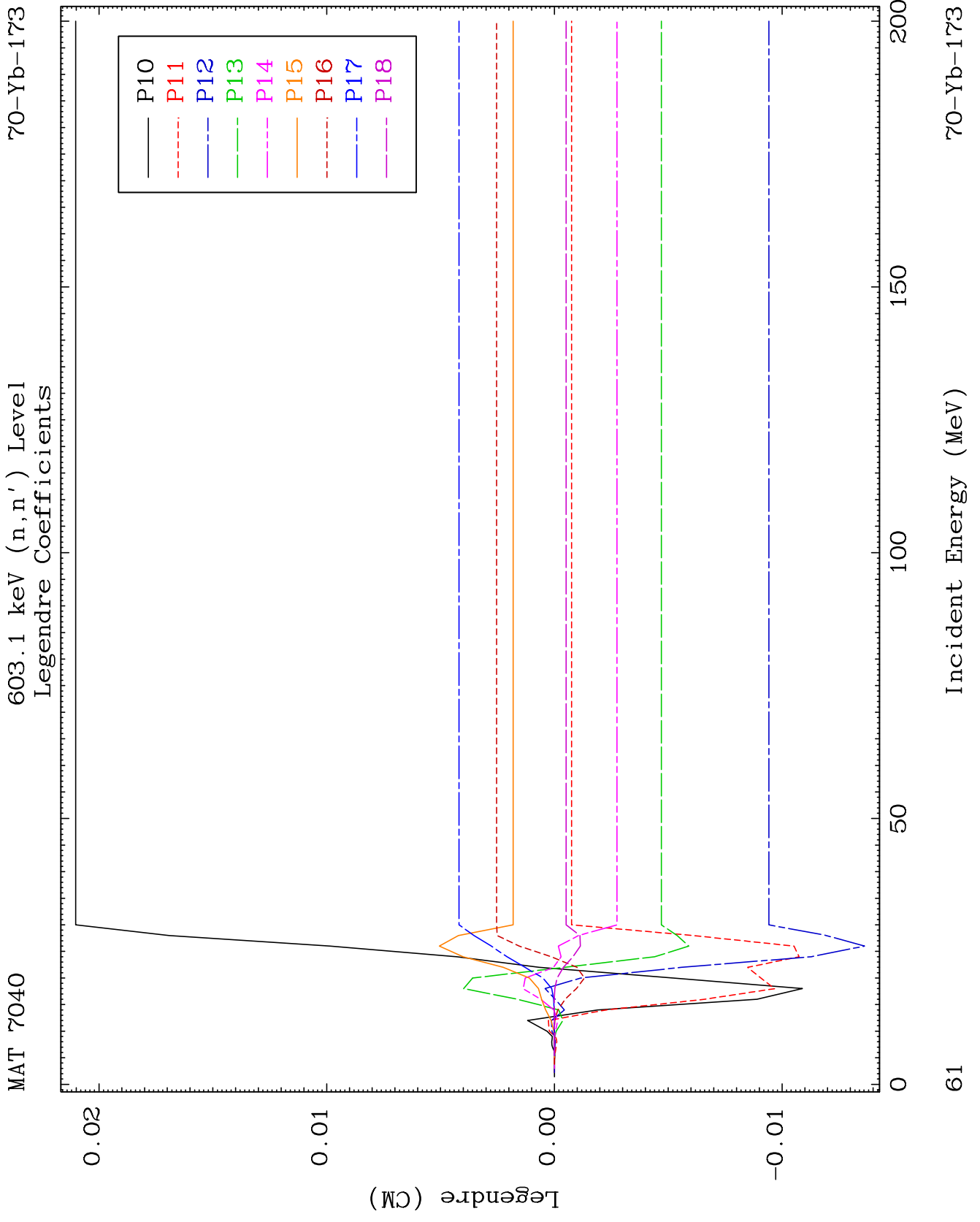








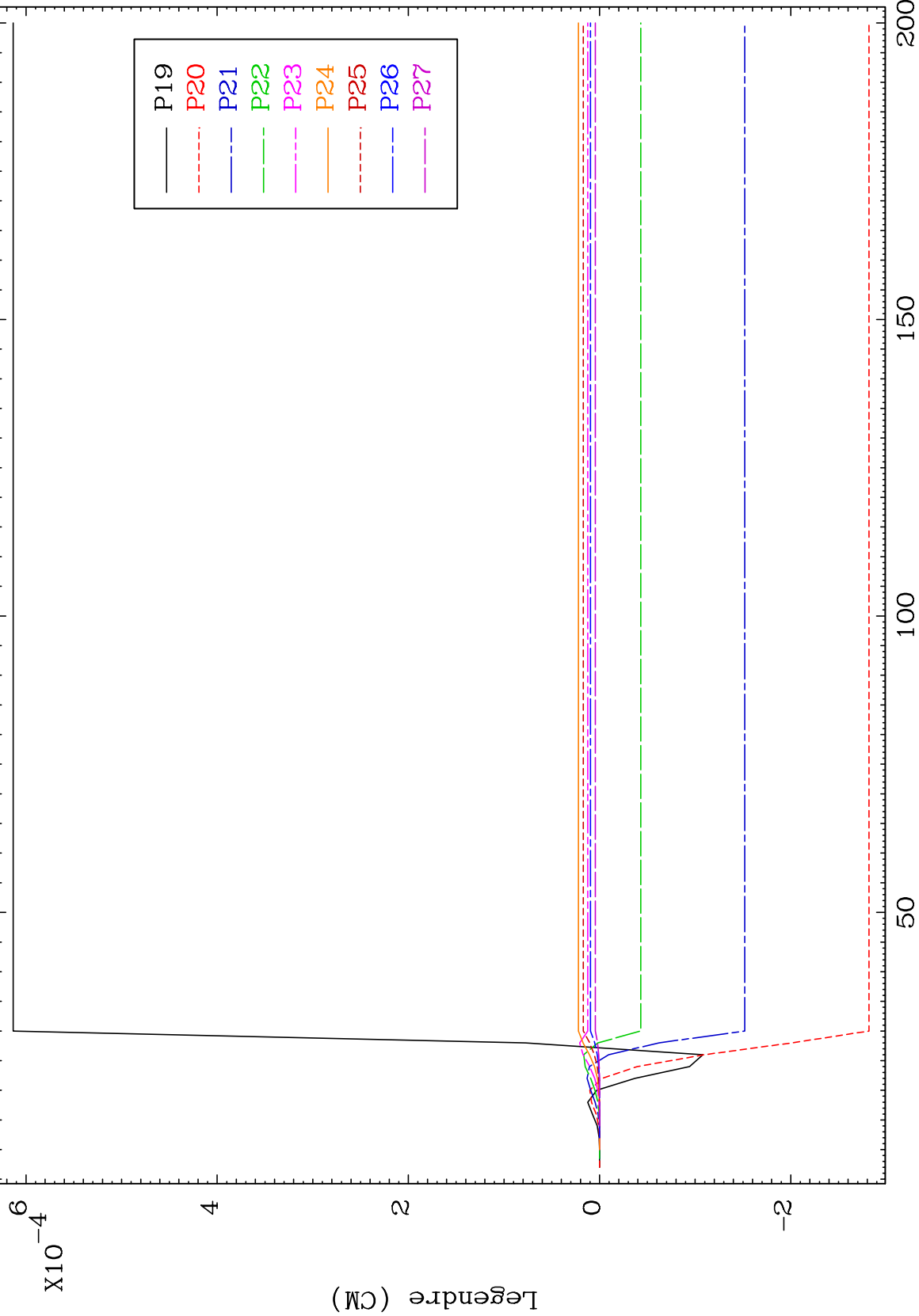




MAT 7040

603.1 keV (n, n') Level  
Legendre Coefficients

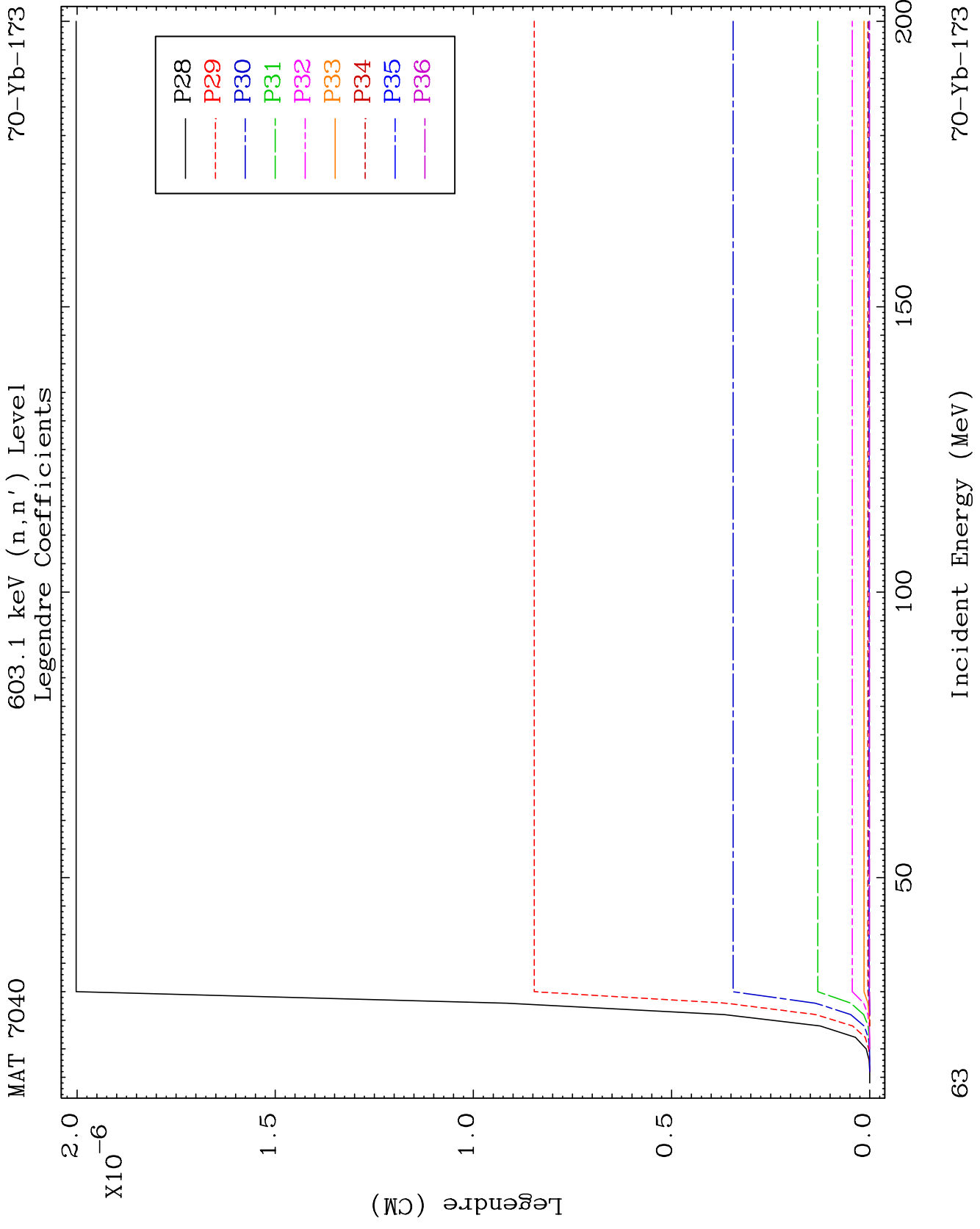
70-Yb-173



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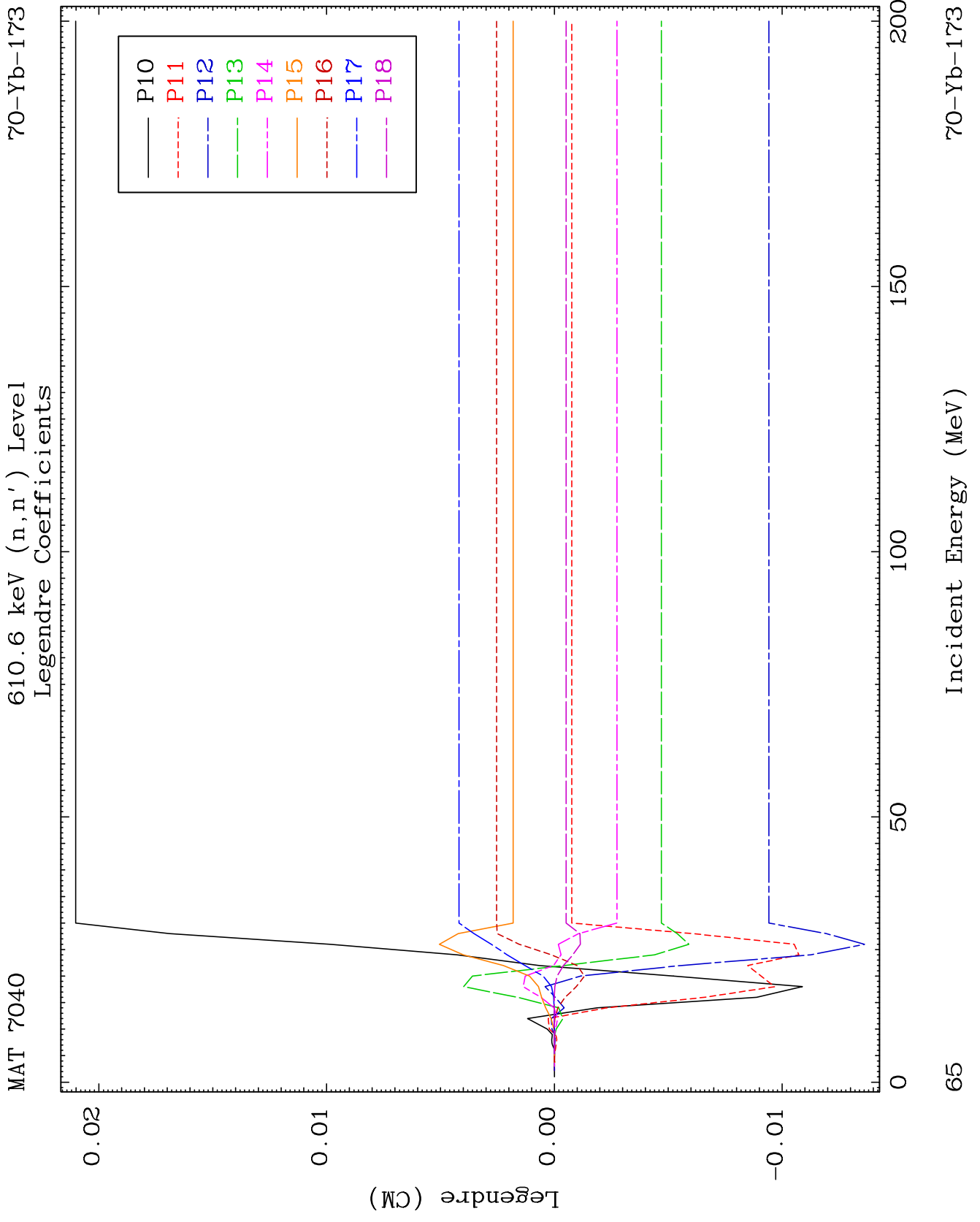
Incident Energy (MeV)

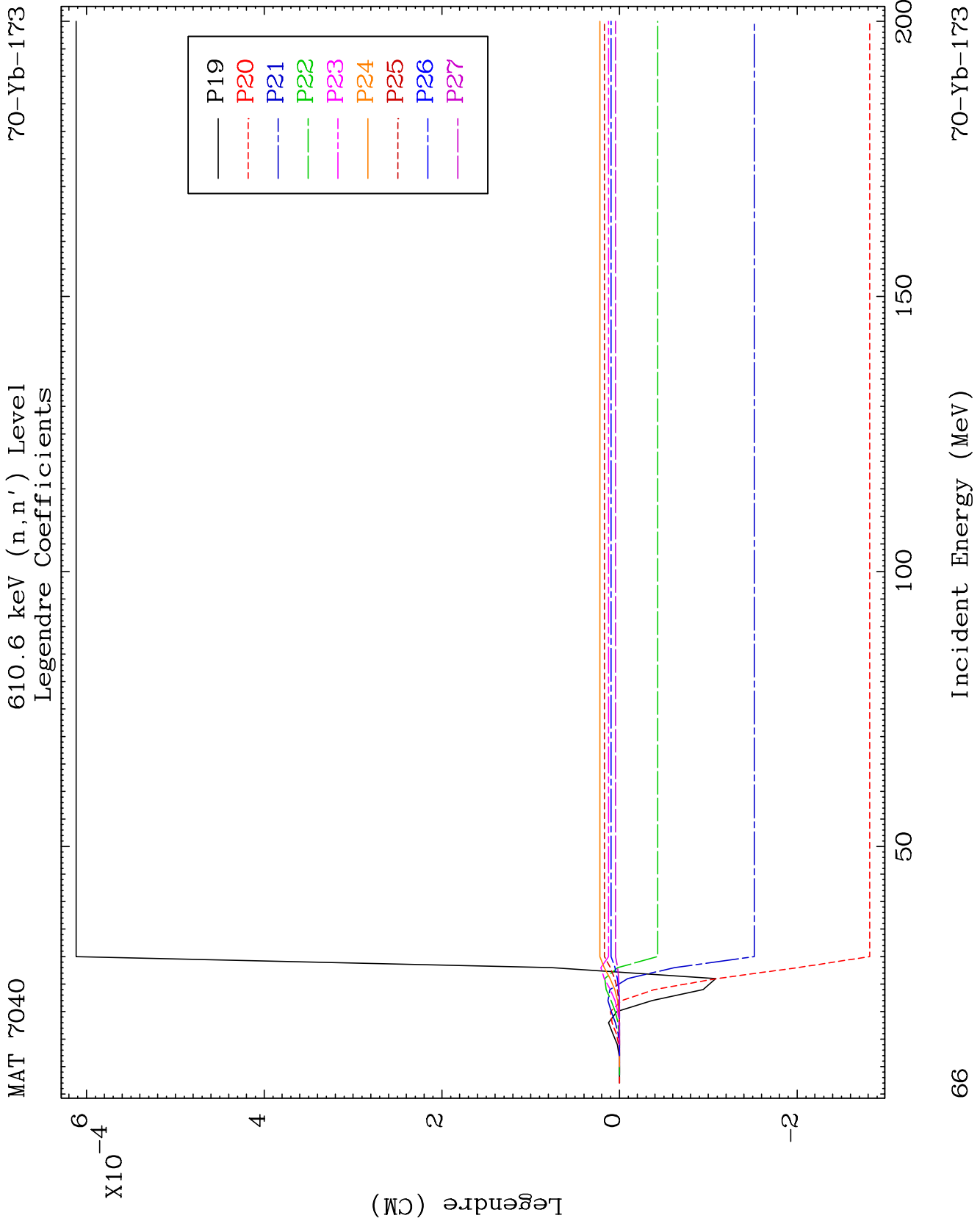
70-Yb-173

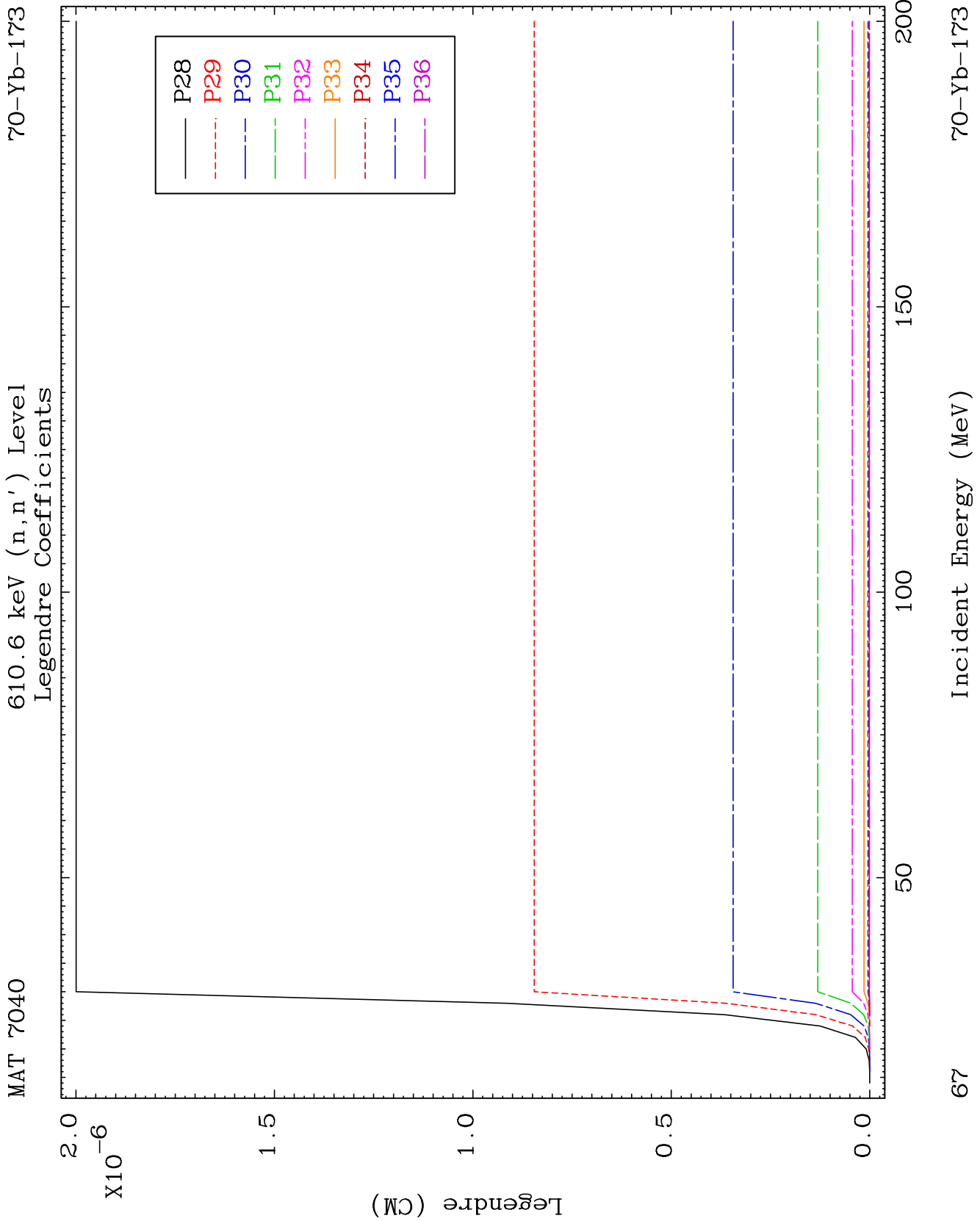


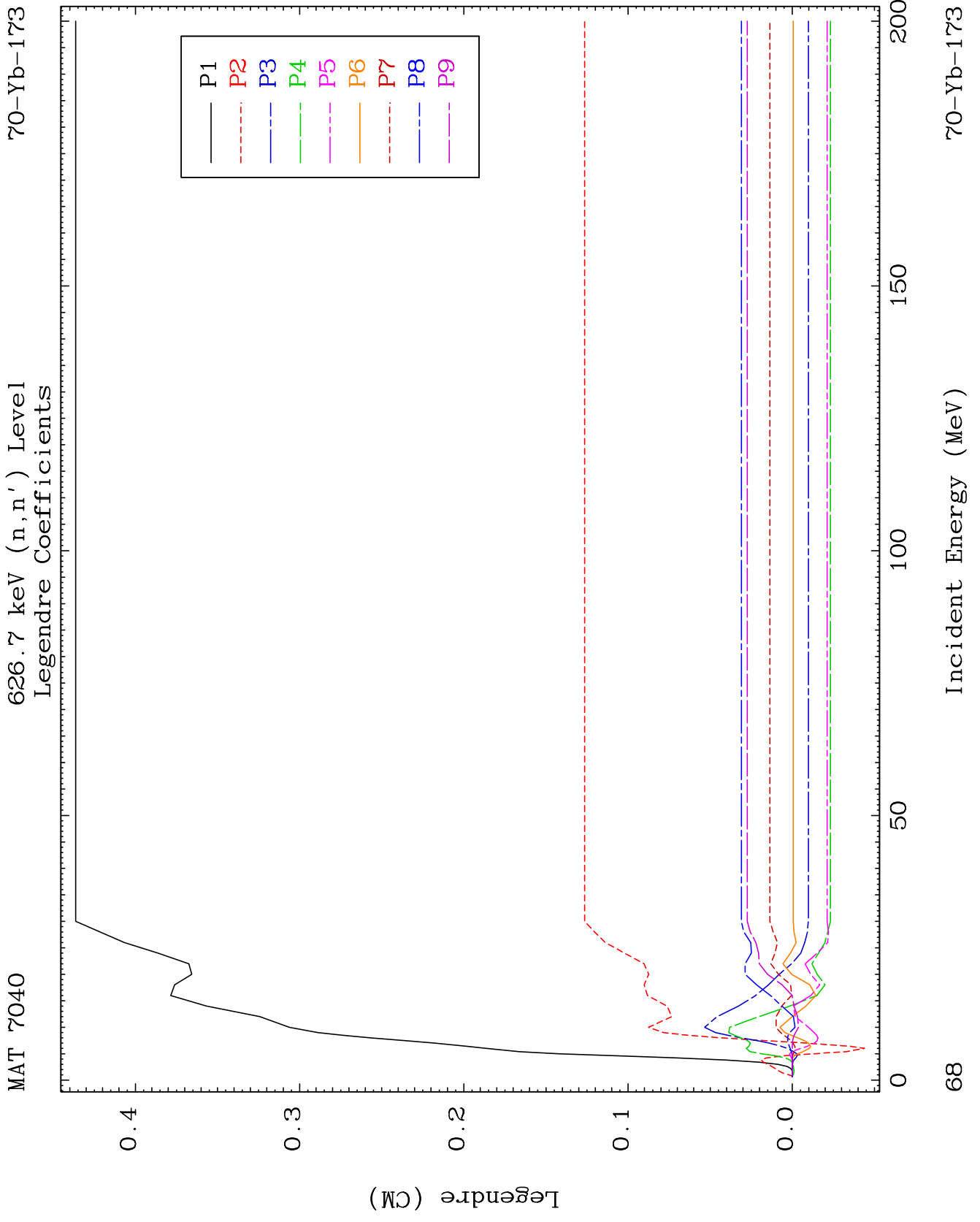


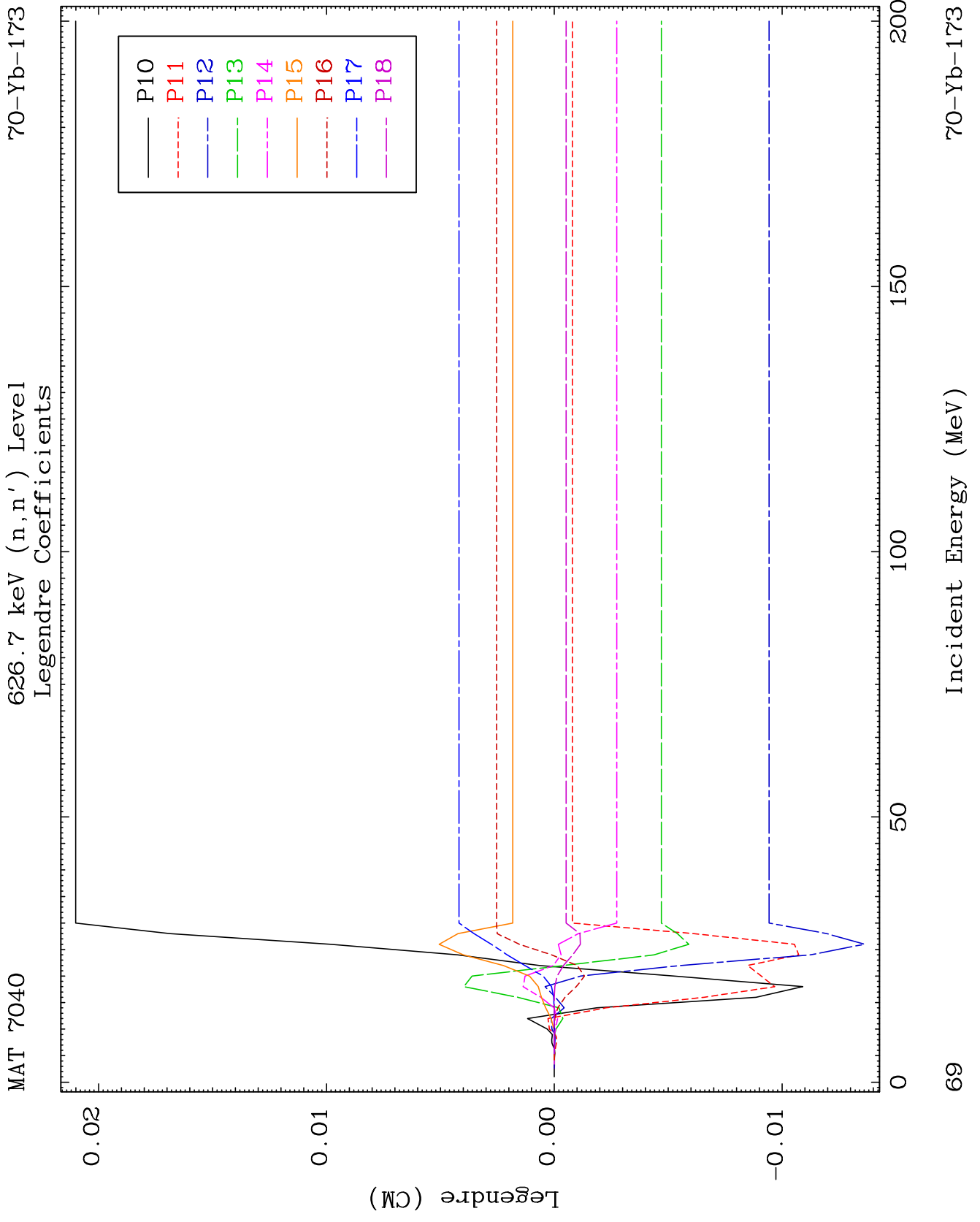


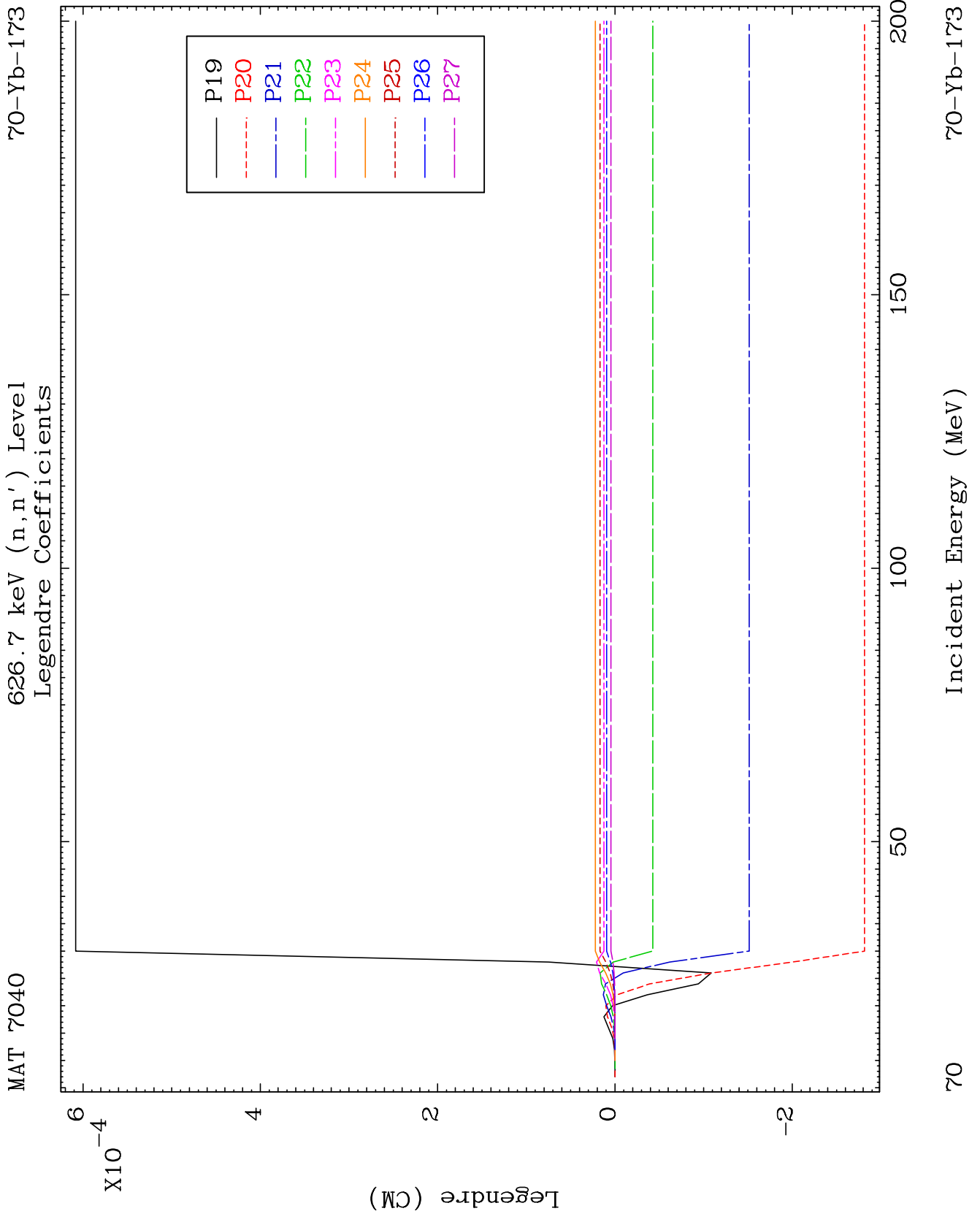


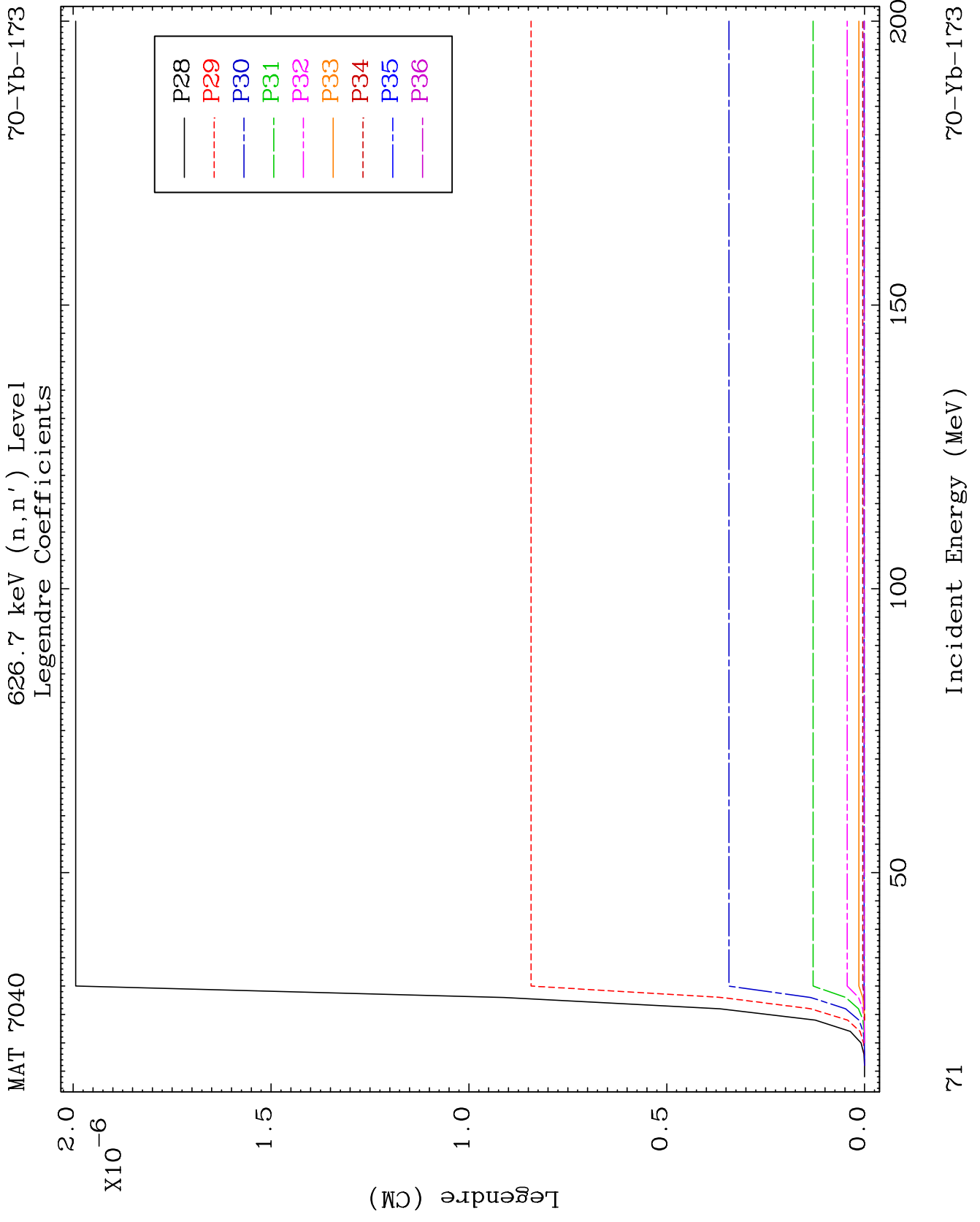




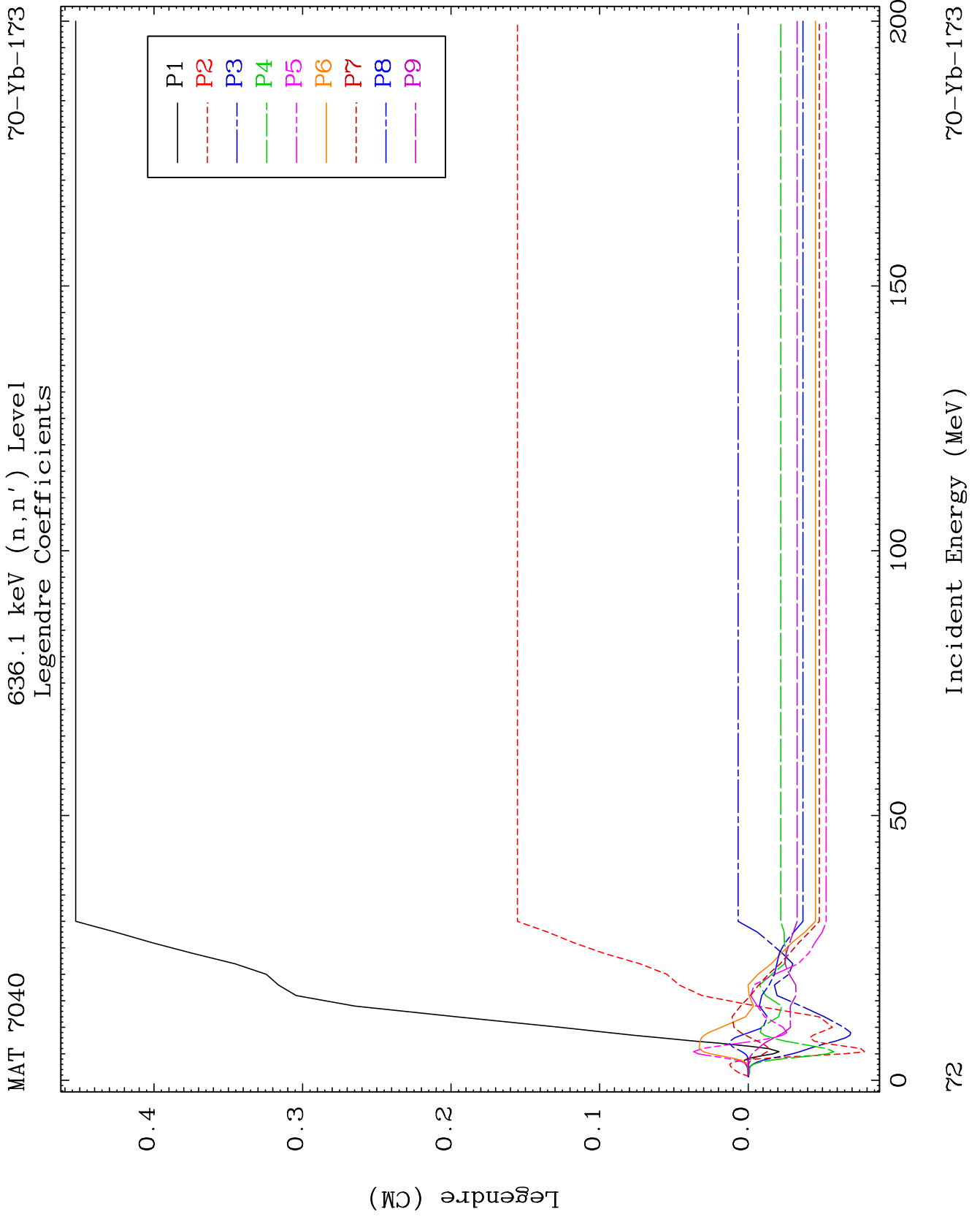








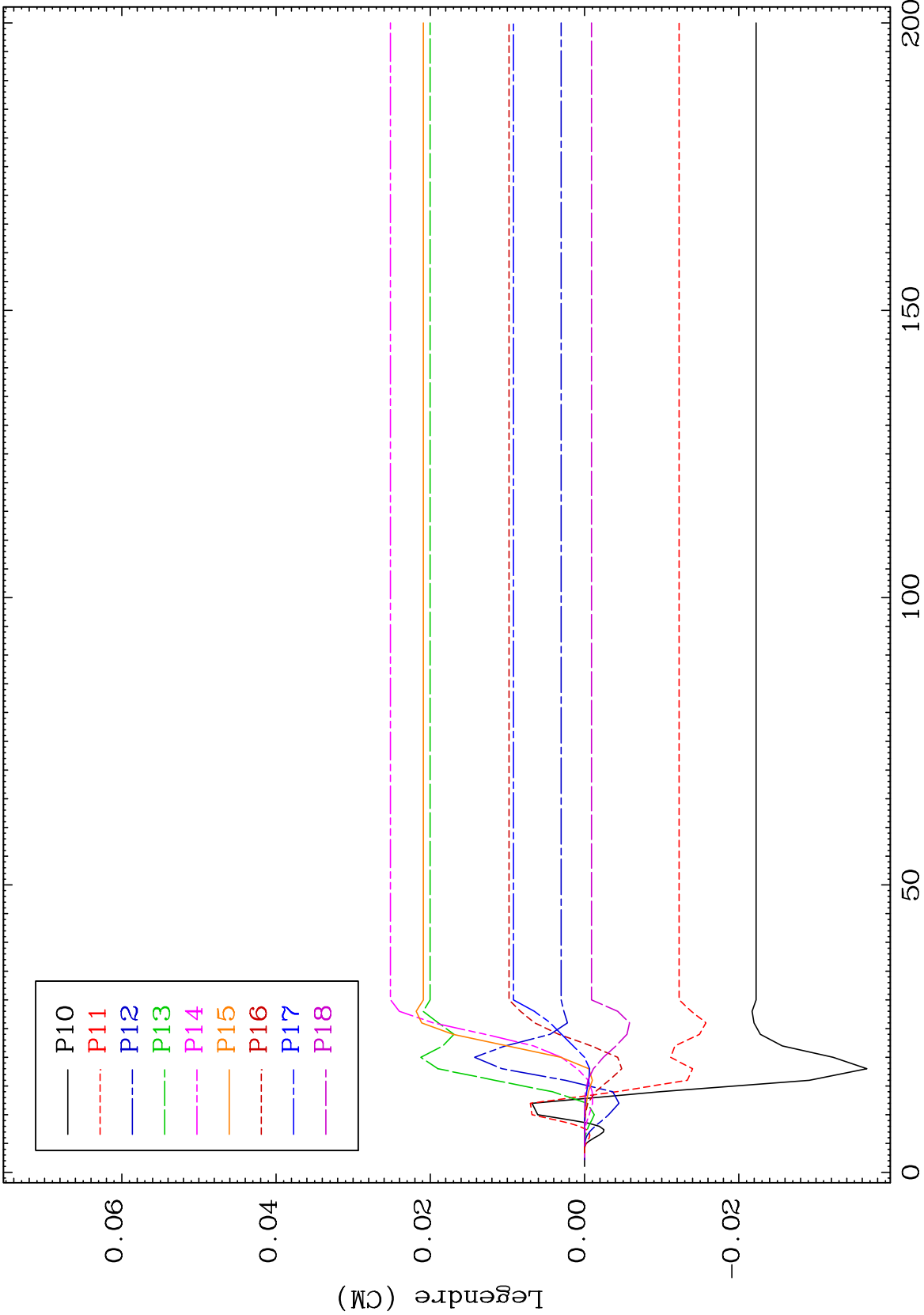




MAT 7040

636.1 keV (n,n') Level  
Legendre Coefficients

70-Yb-173



Incident Energy (MeV)

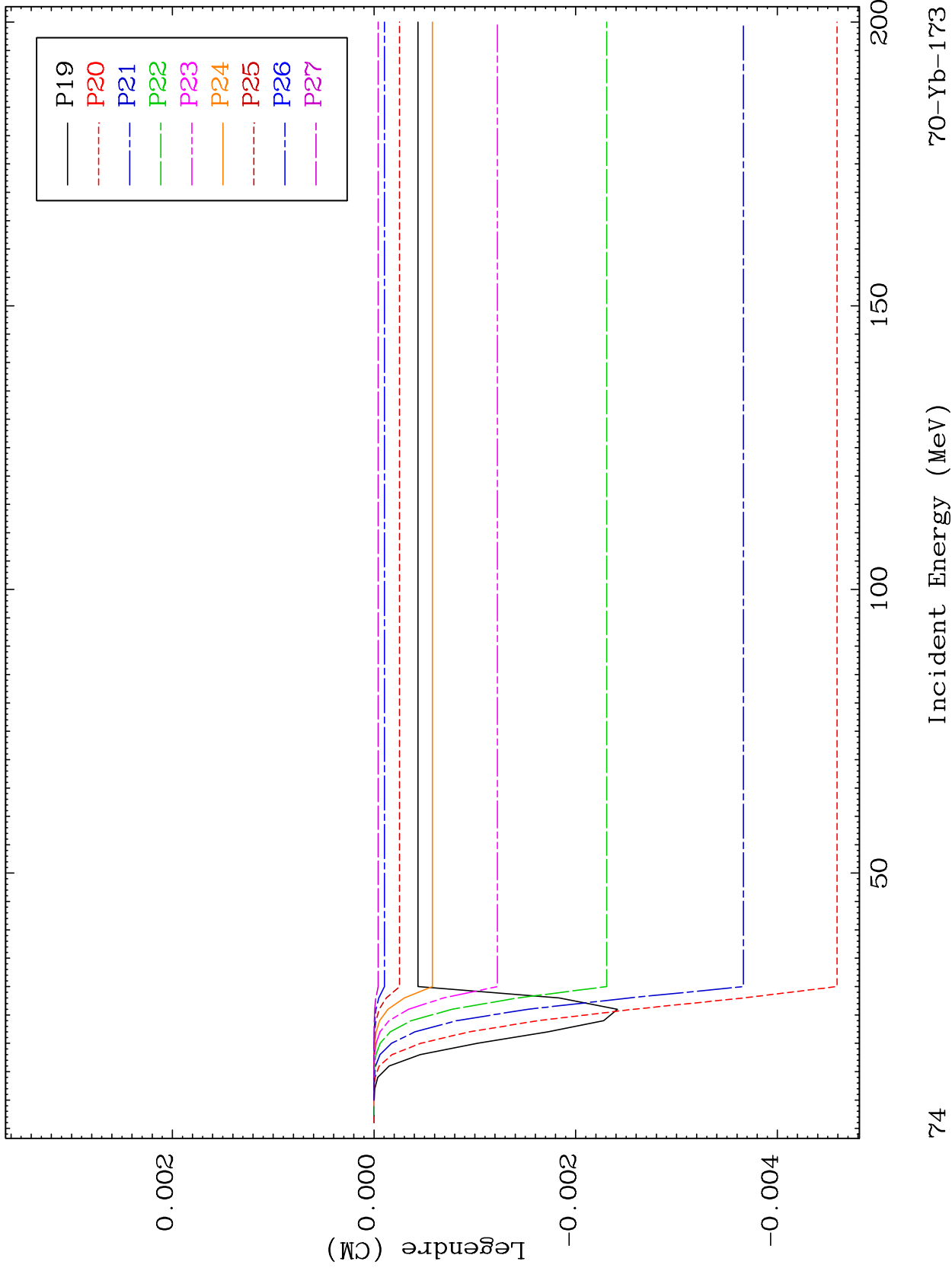
70-Yb-173

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MAT 7040

636.1 keV (n,n') Level  
Legendre Coefficients

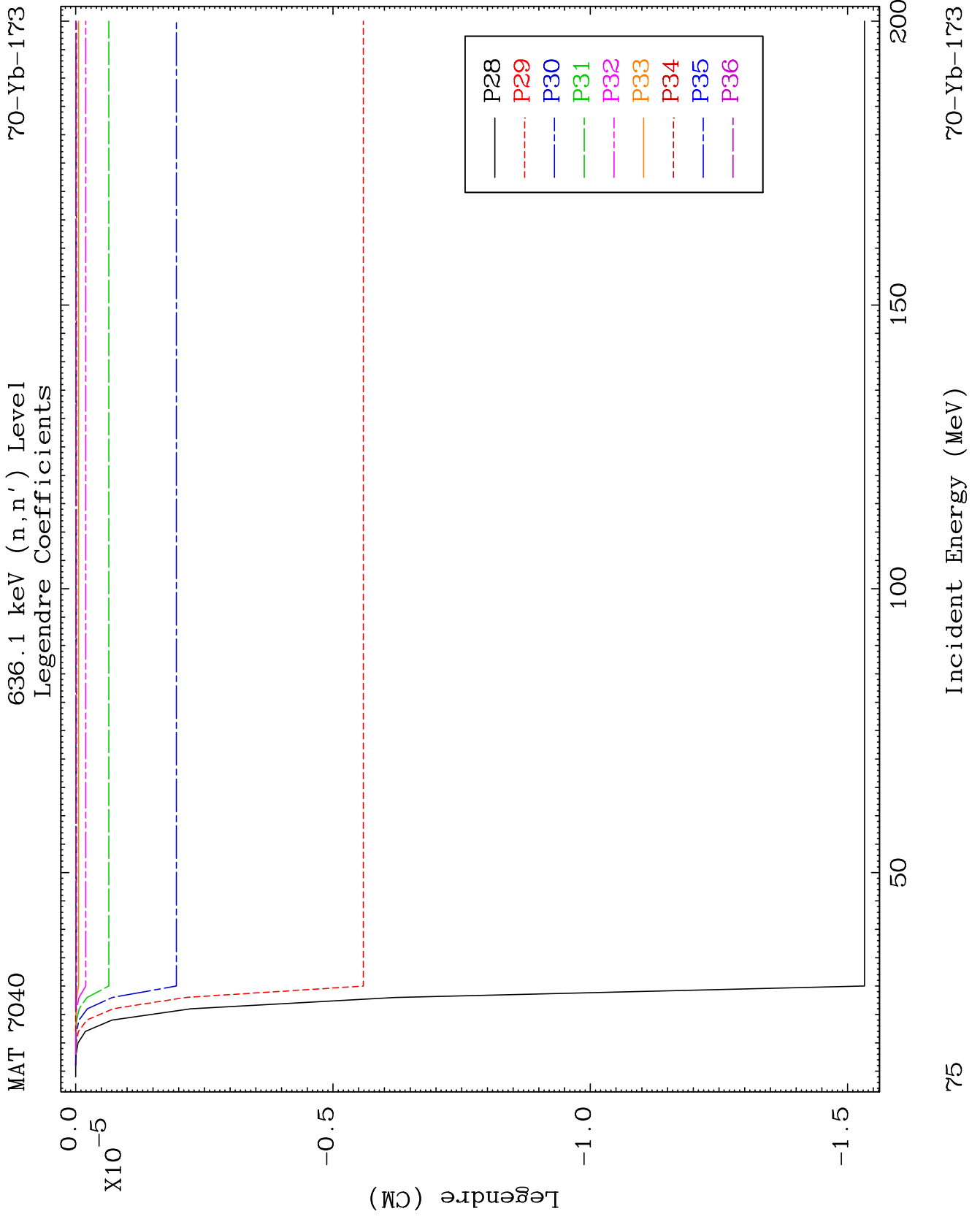
70-Yb-173

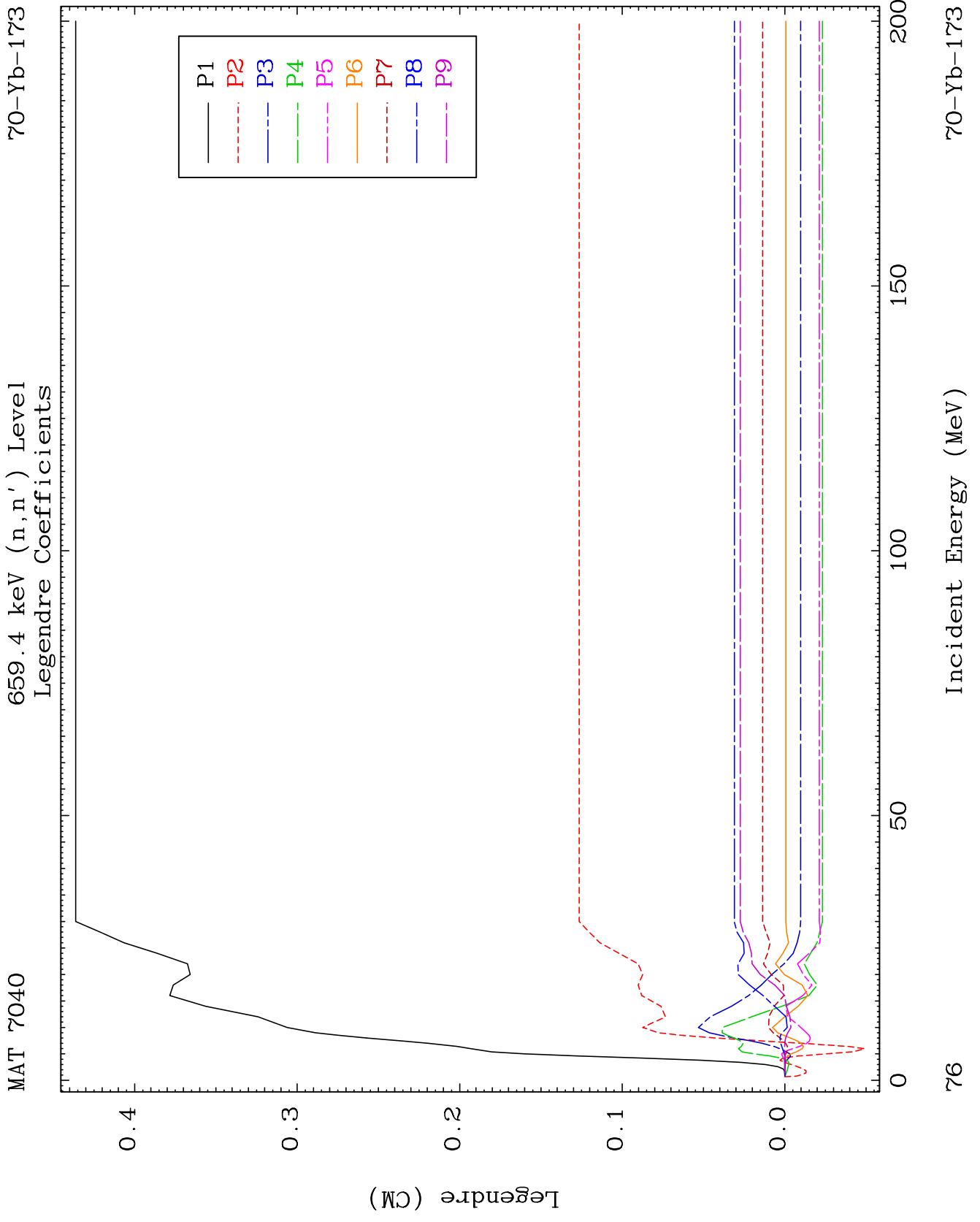


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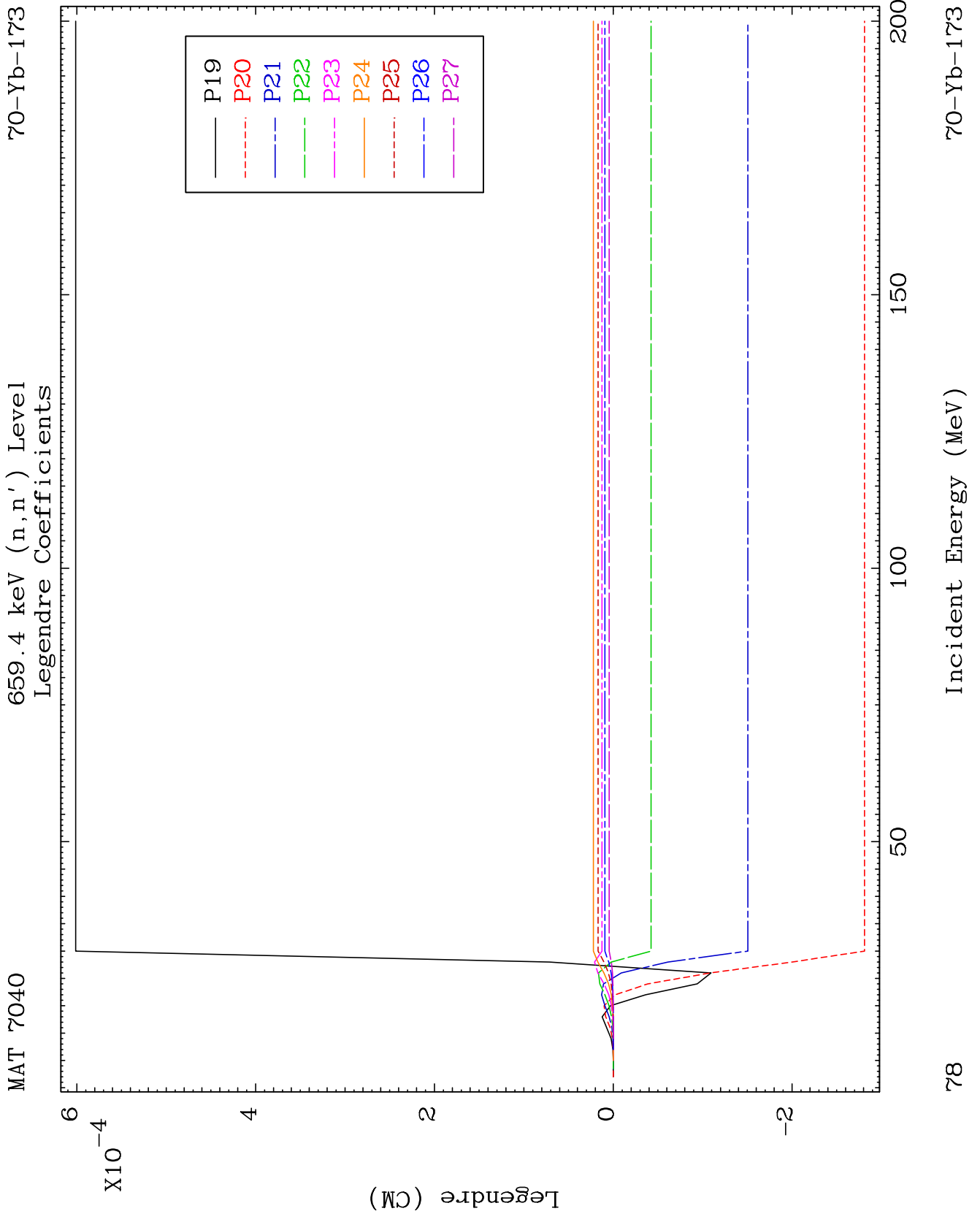
Incident Energy (MeV)

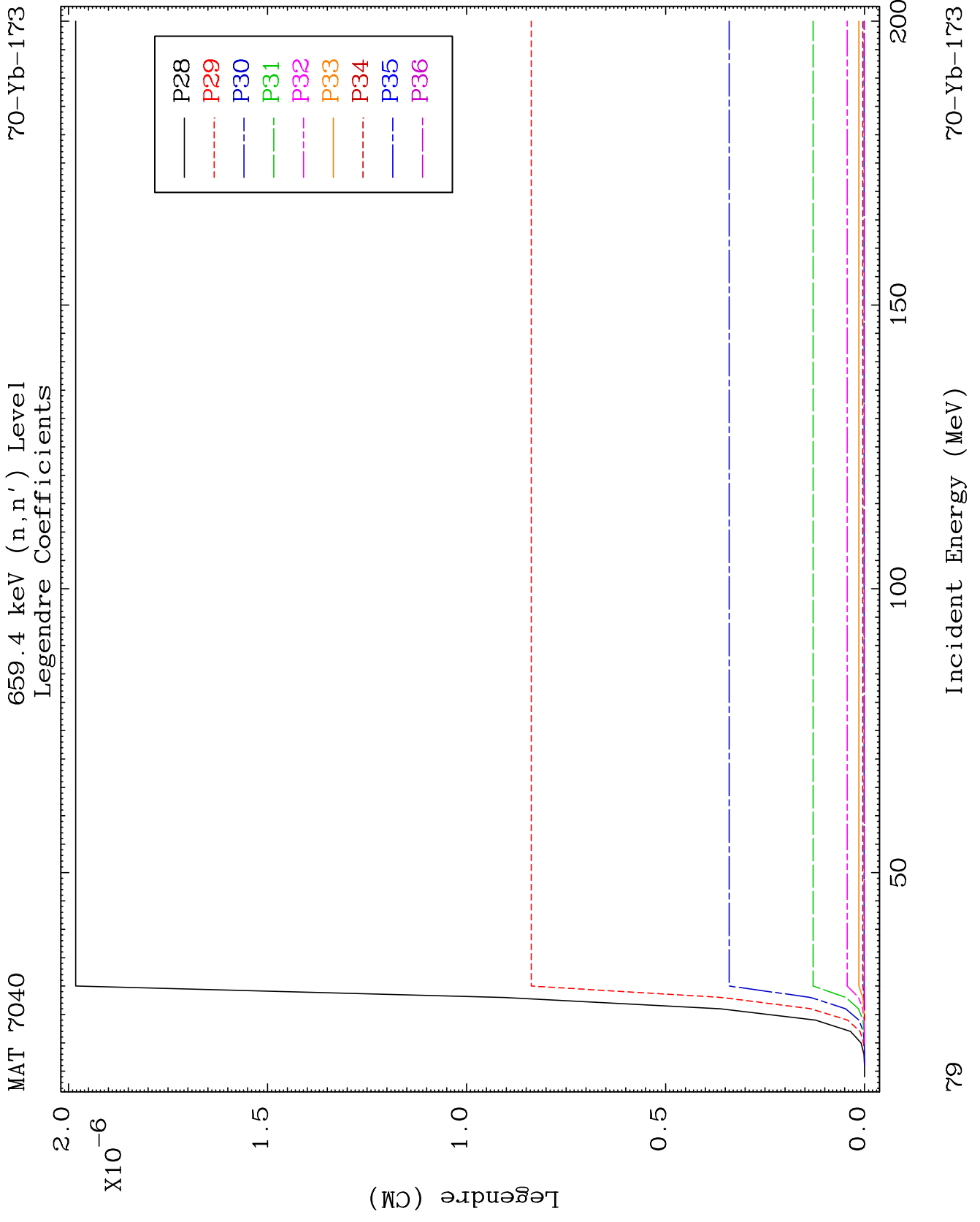
70-Yb-173



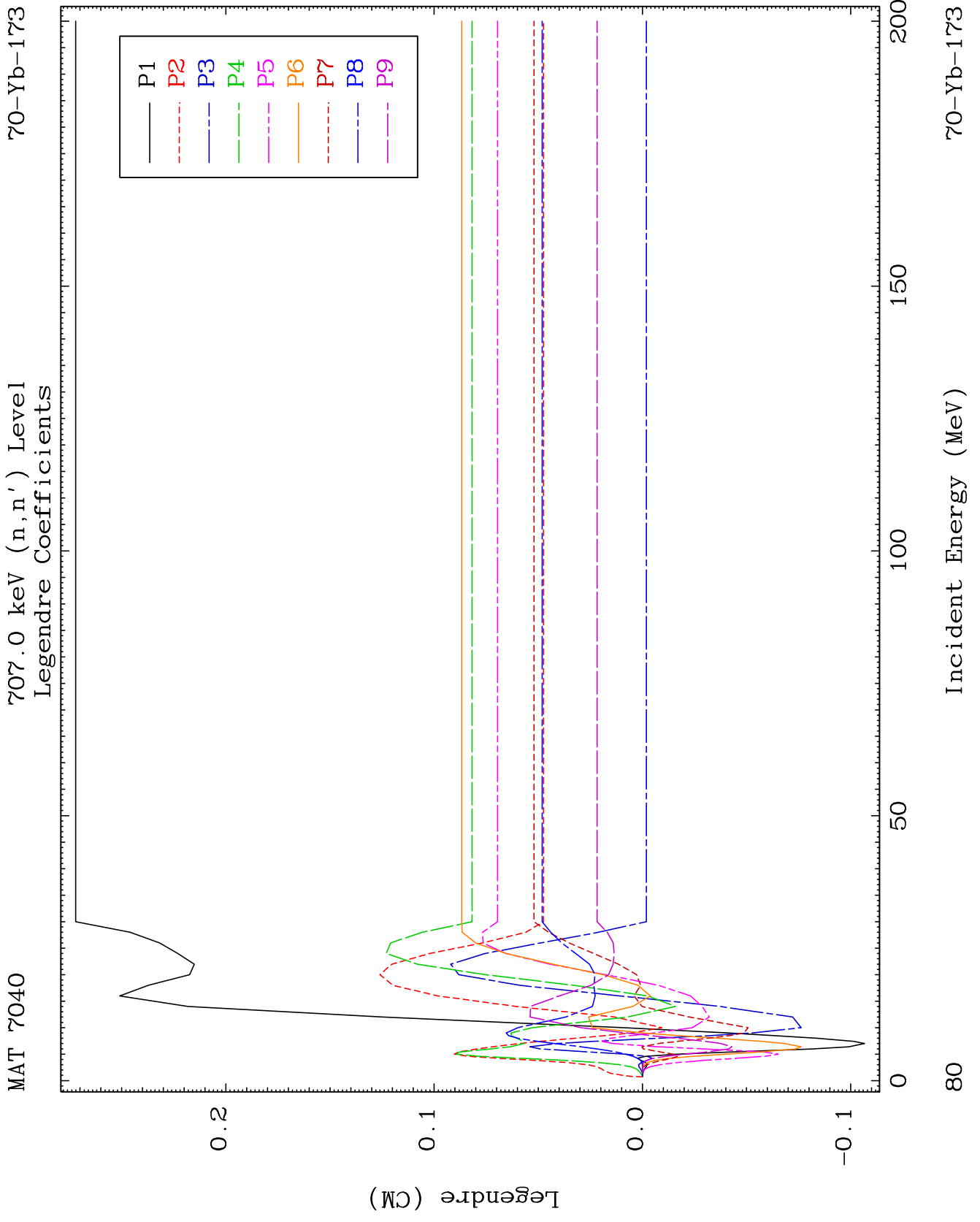


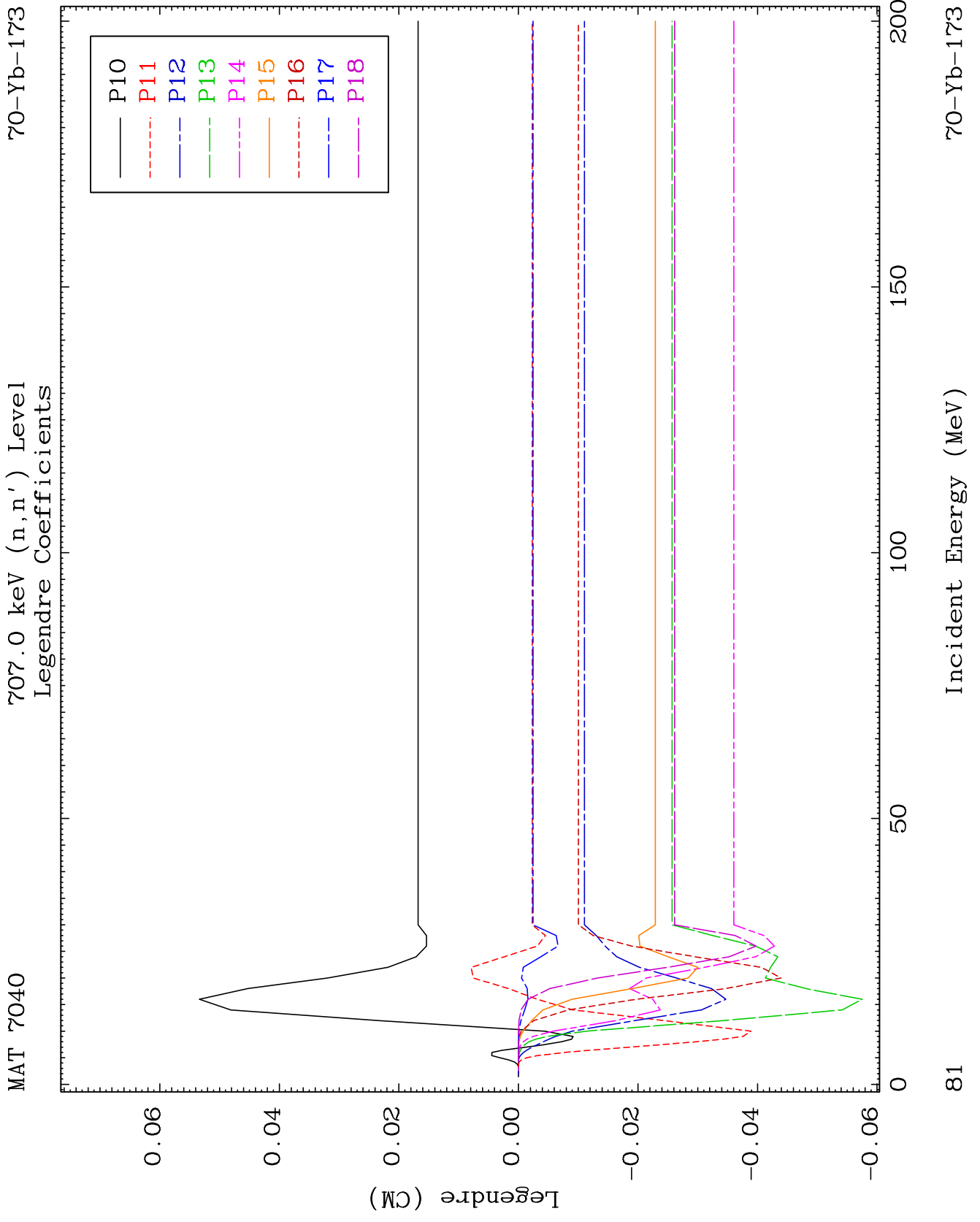


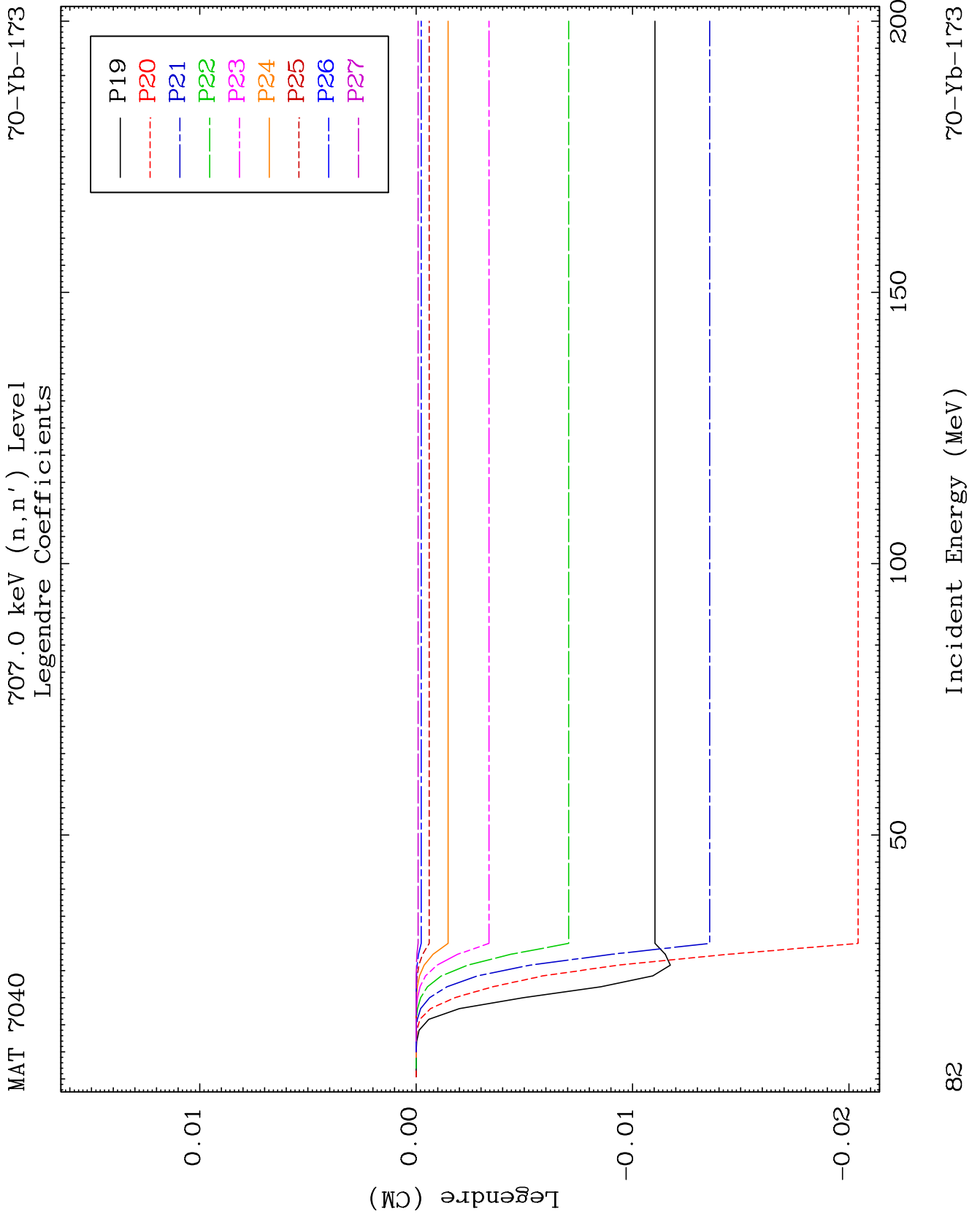


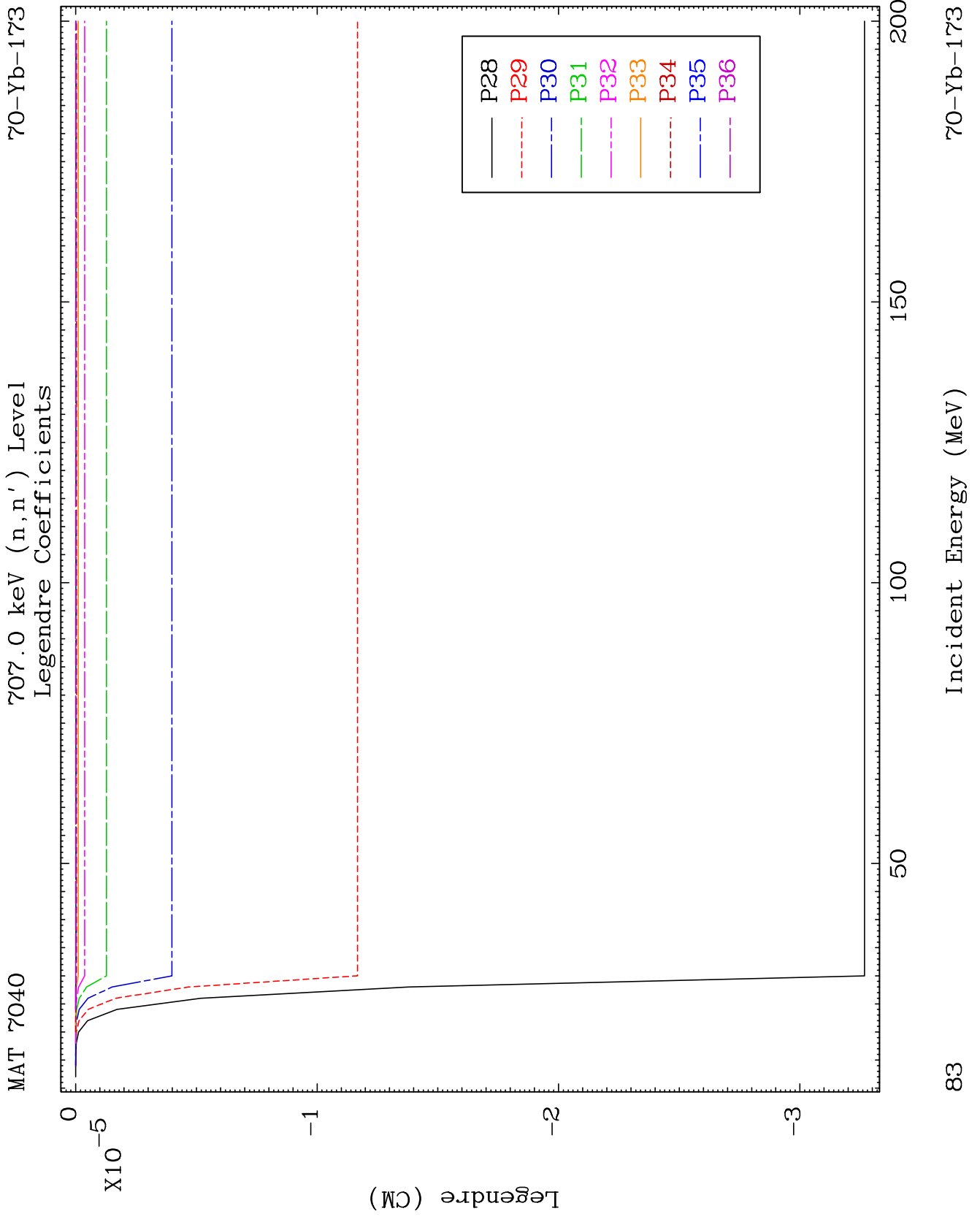


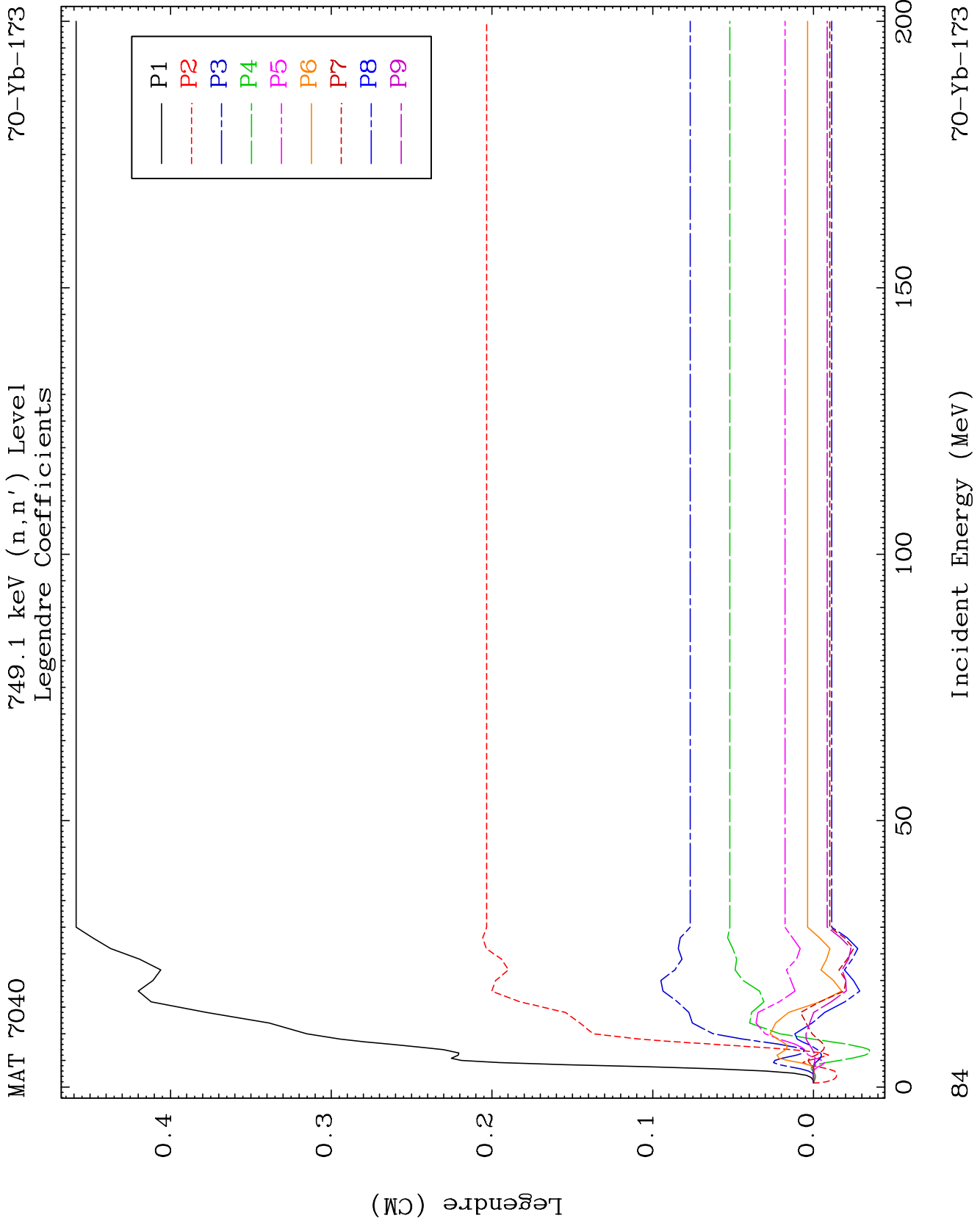








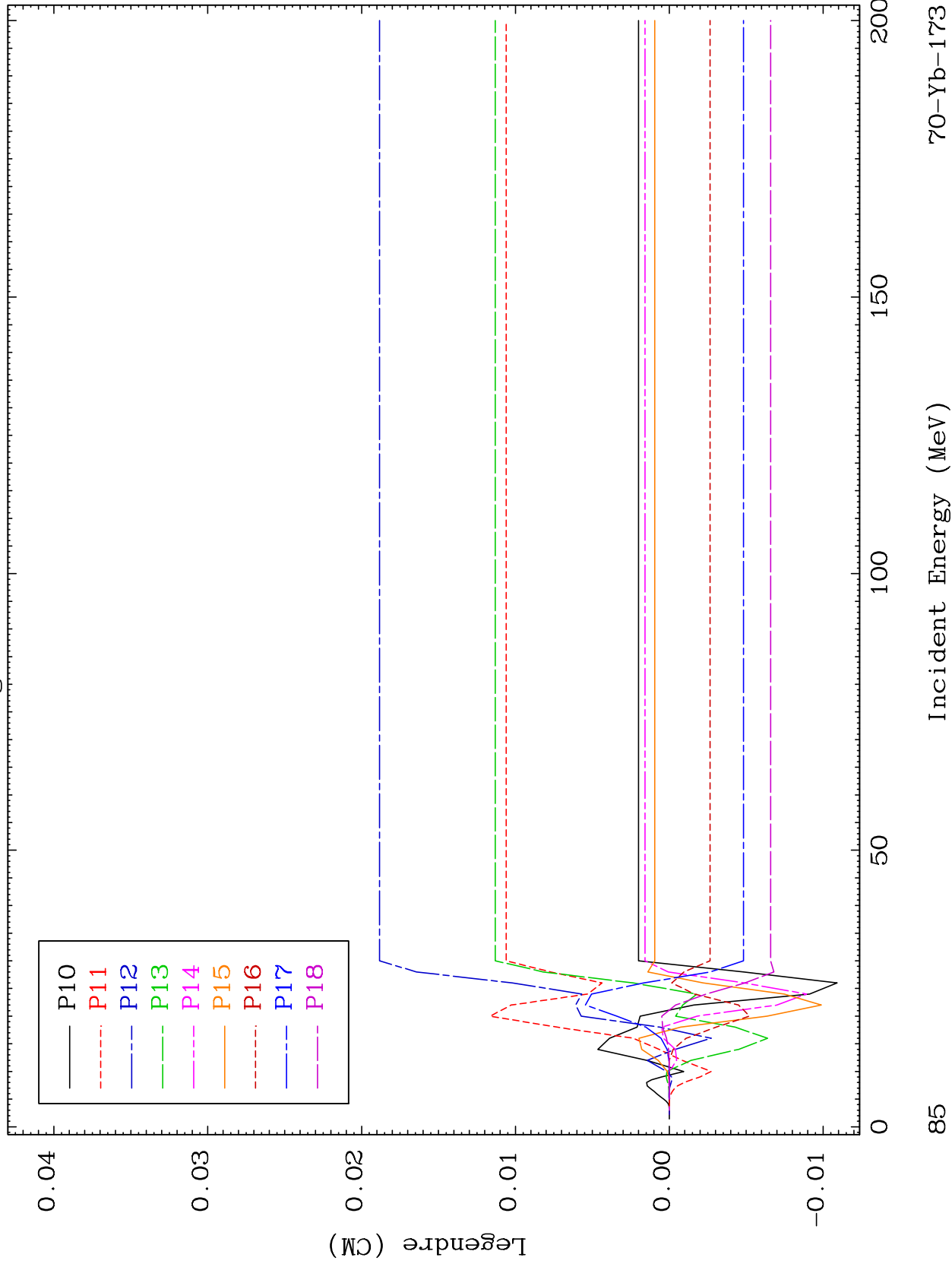




MAT 7040

749.1 keV (n,n') Level  
Legendre Coefficients

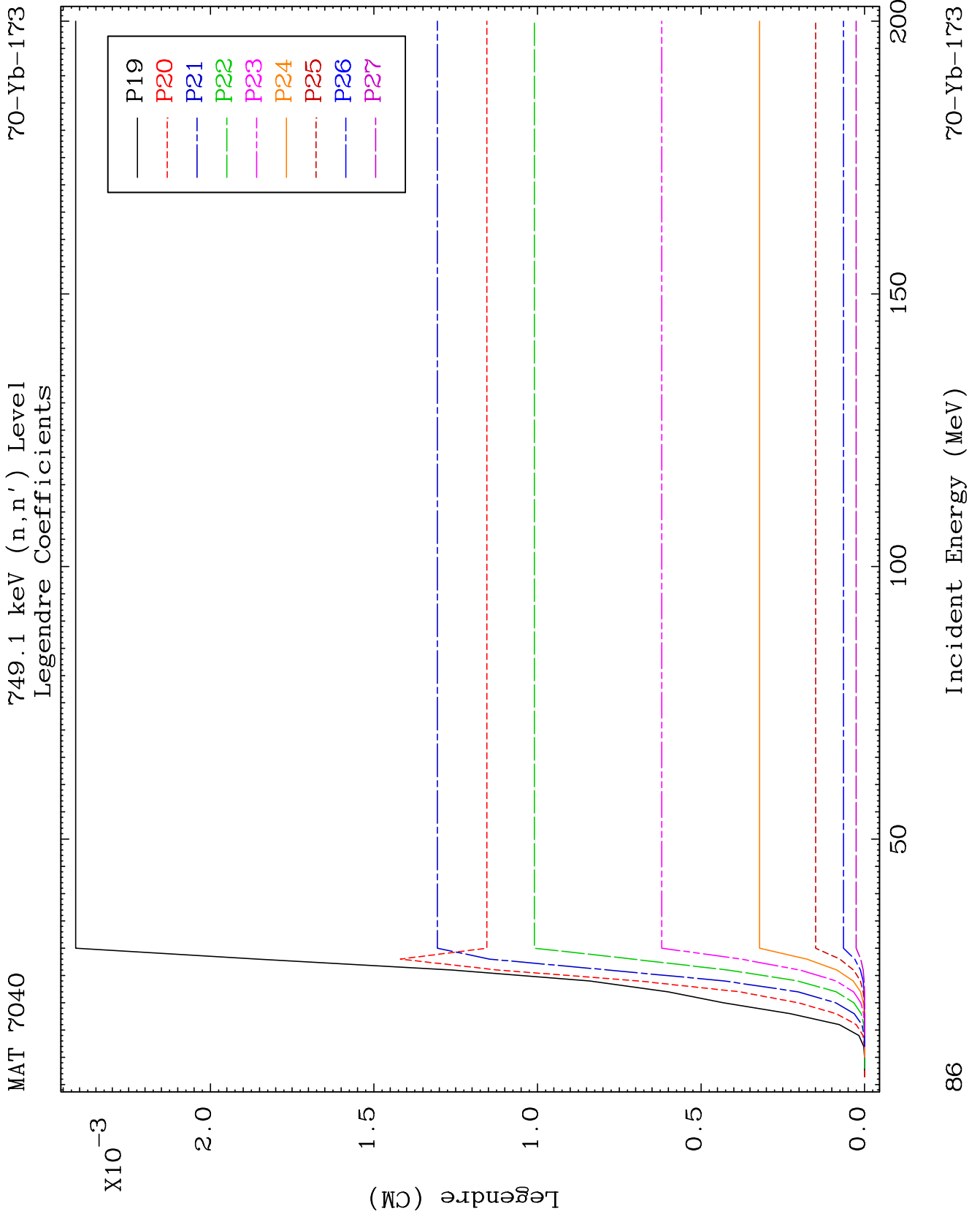
70-Yb-173

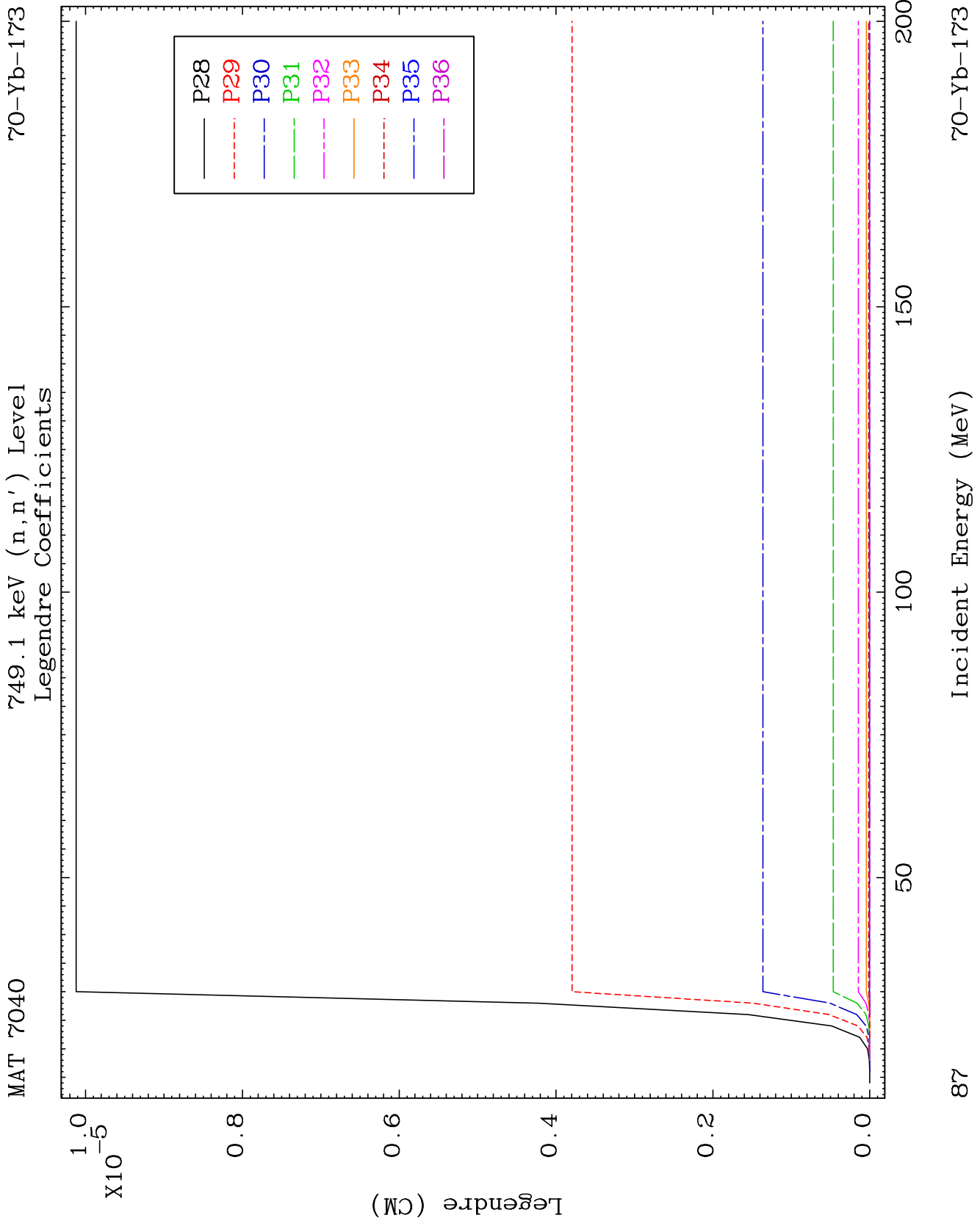


70-Yb-173

Incident Energy (MeV)

85



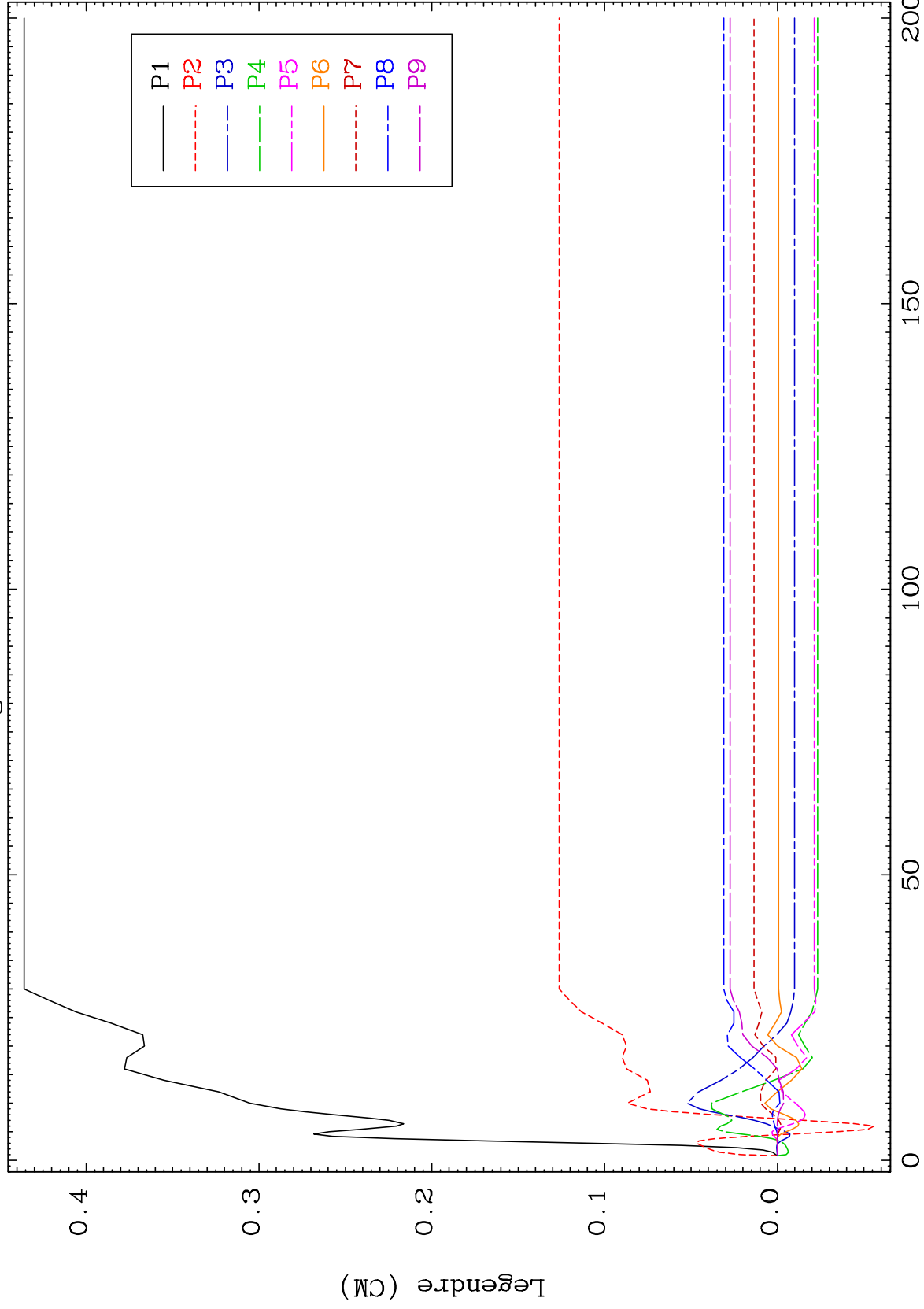




MAT 7040

796.2 keV (n,n') Level  
Legendre Coefficients

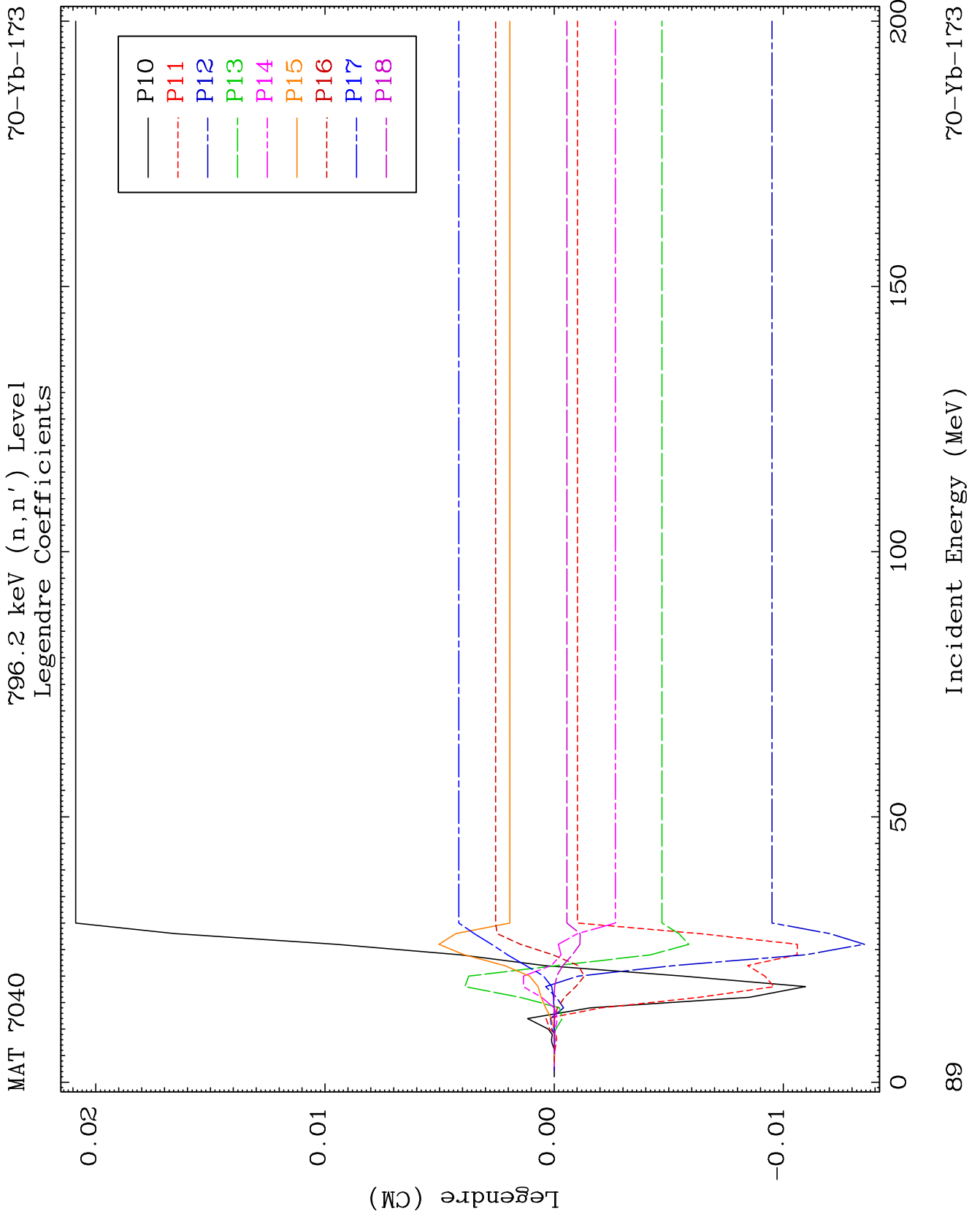
70-Yb-173

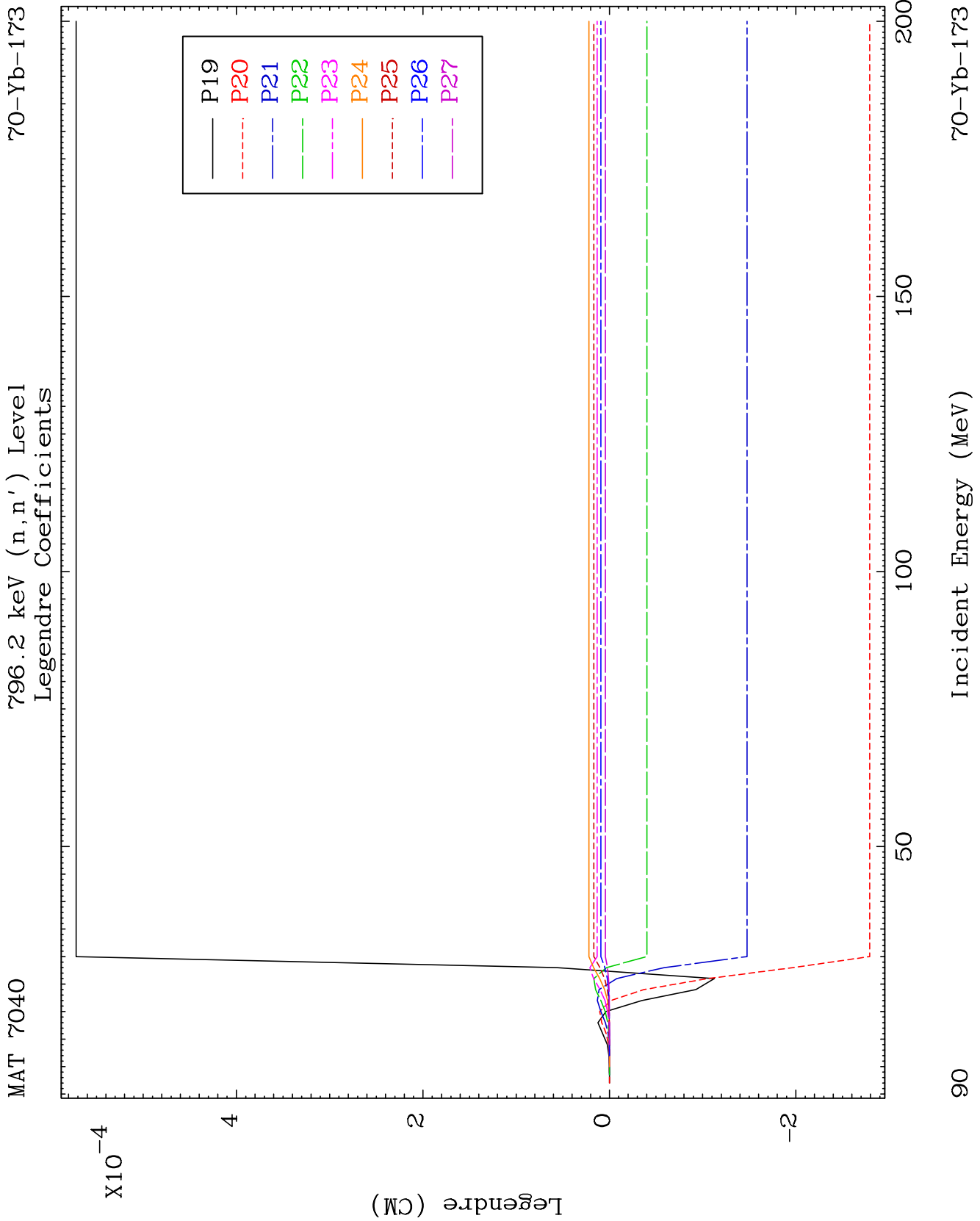


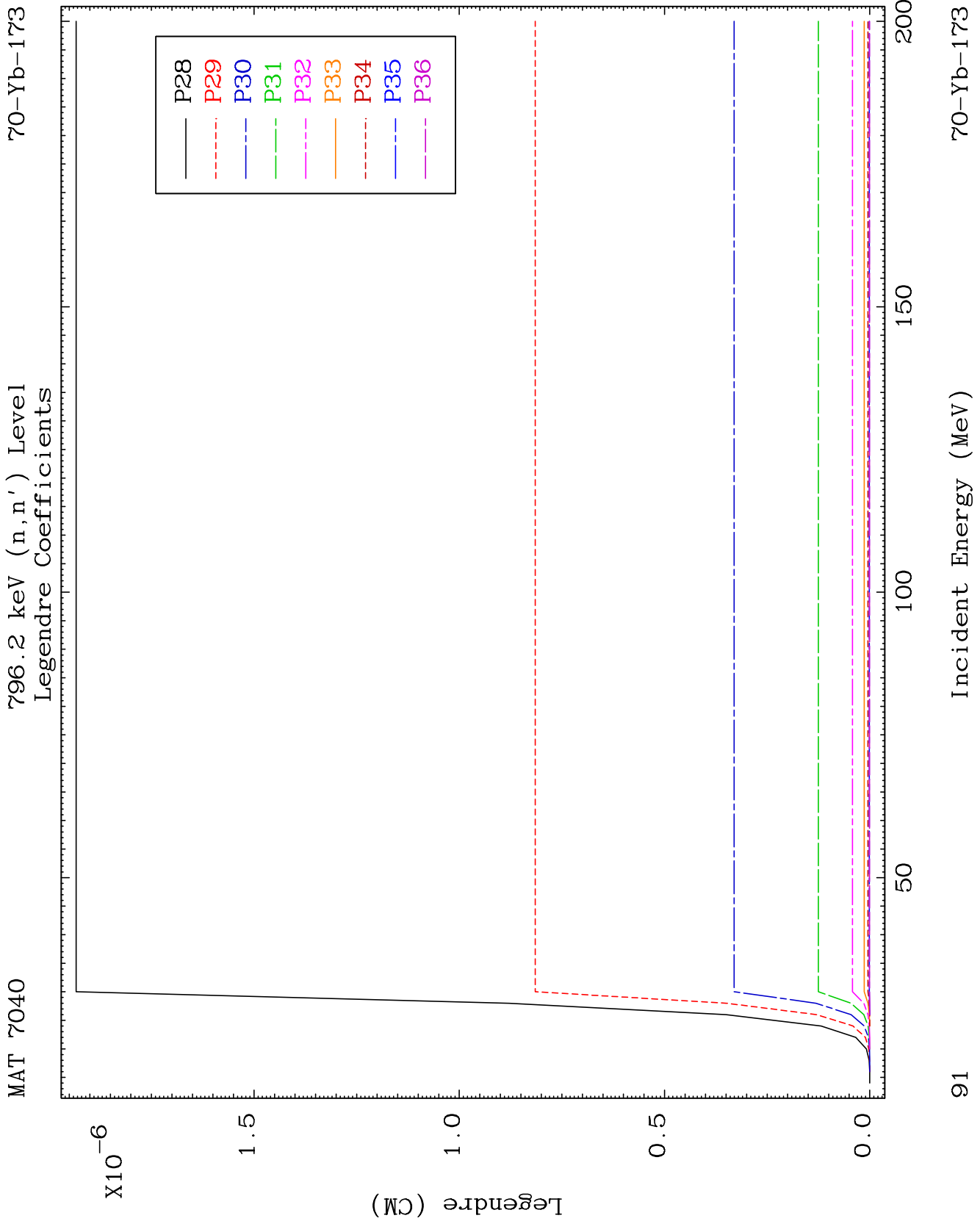
88

Incident Energy (MeV)

70-Yb-173



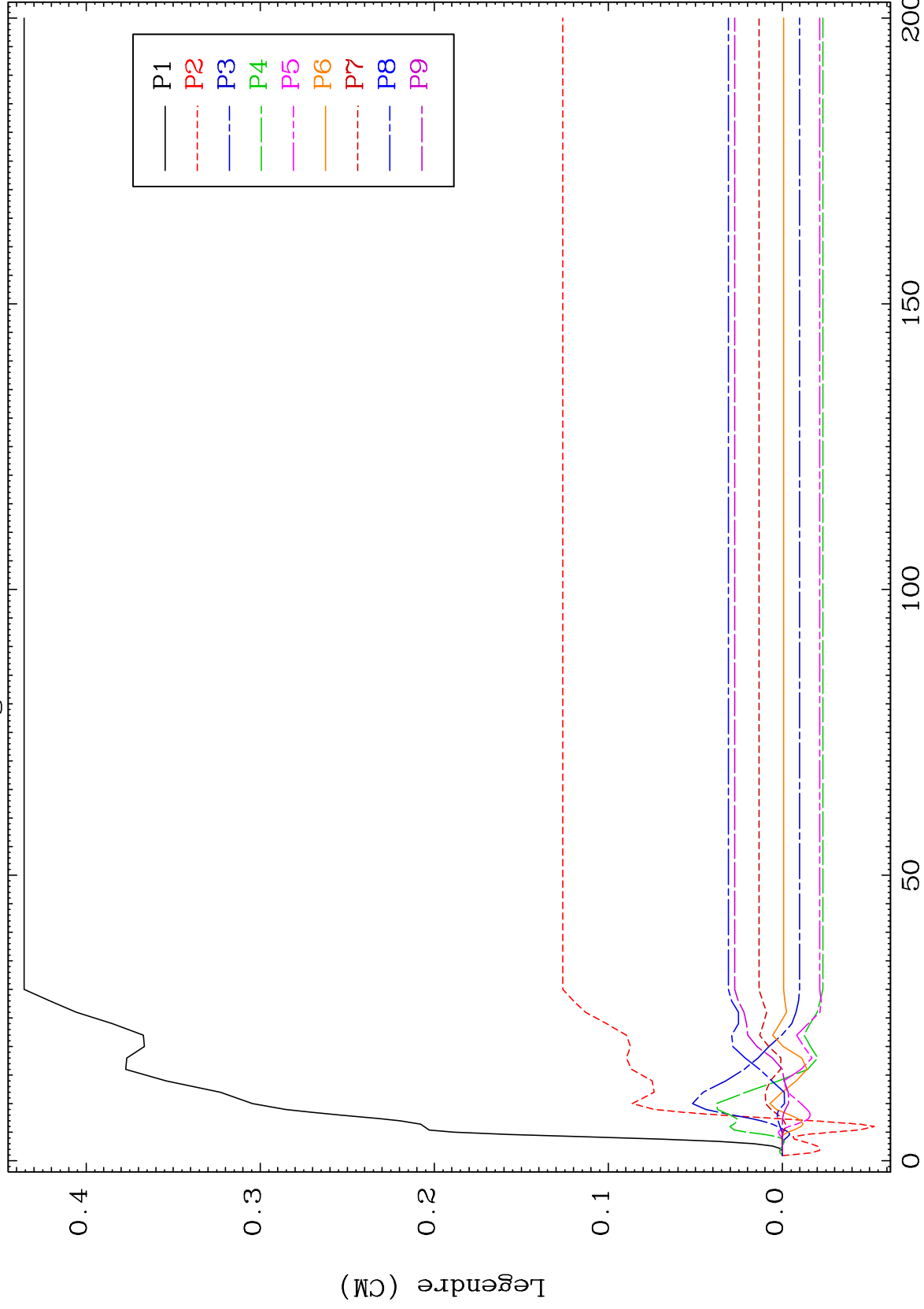




MAT 7040

882.2 keV (n,n') Level  
Legendre Coefficients

70-Yb-173



92

Incident Energy (MeV)

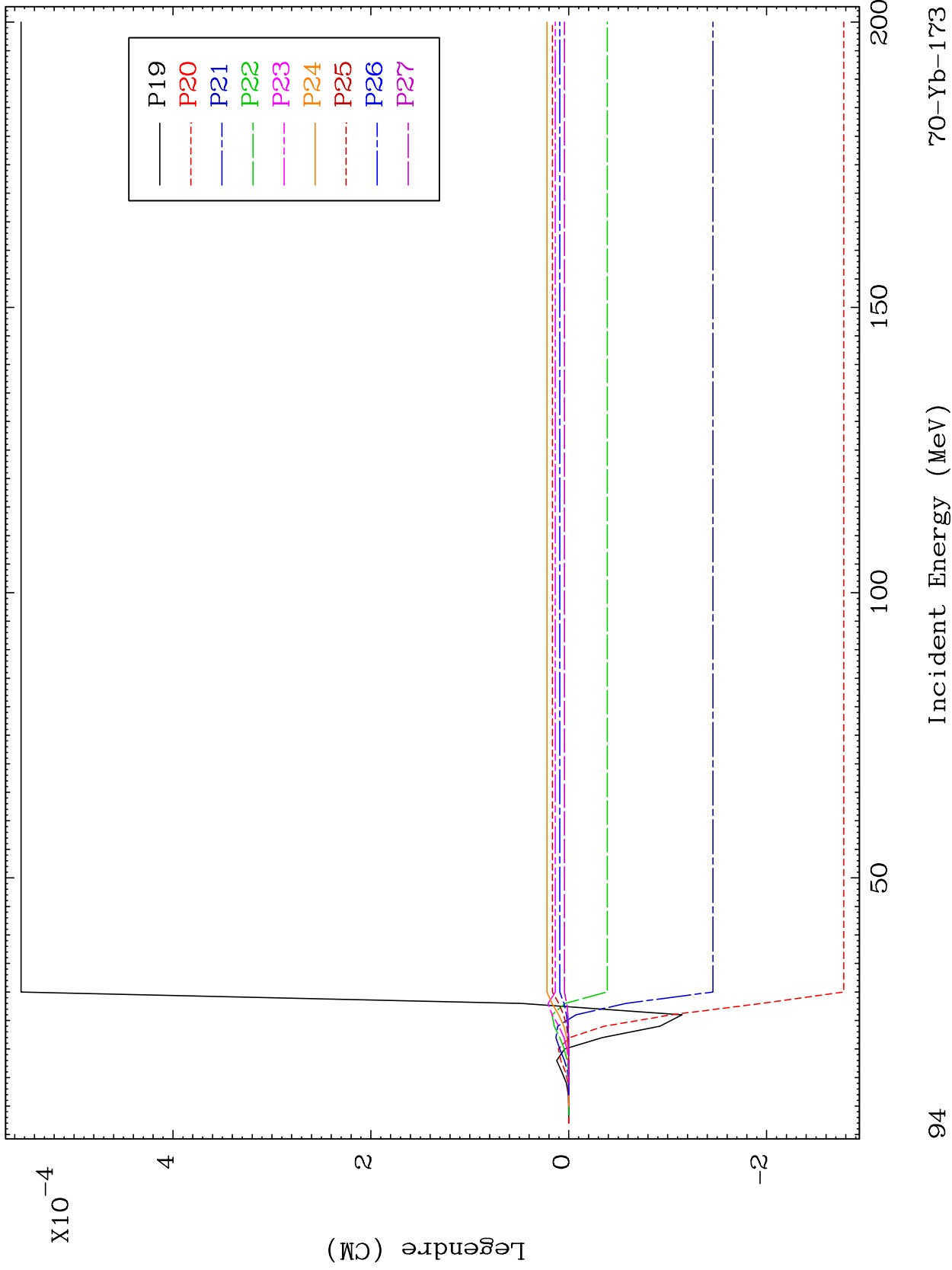
70-Yb-173



MAT 7040

882.2 keV (n,n') Level  
Legendre Coefficients

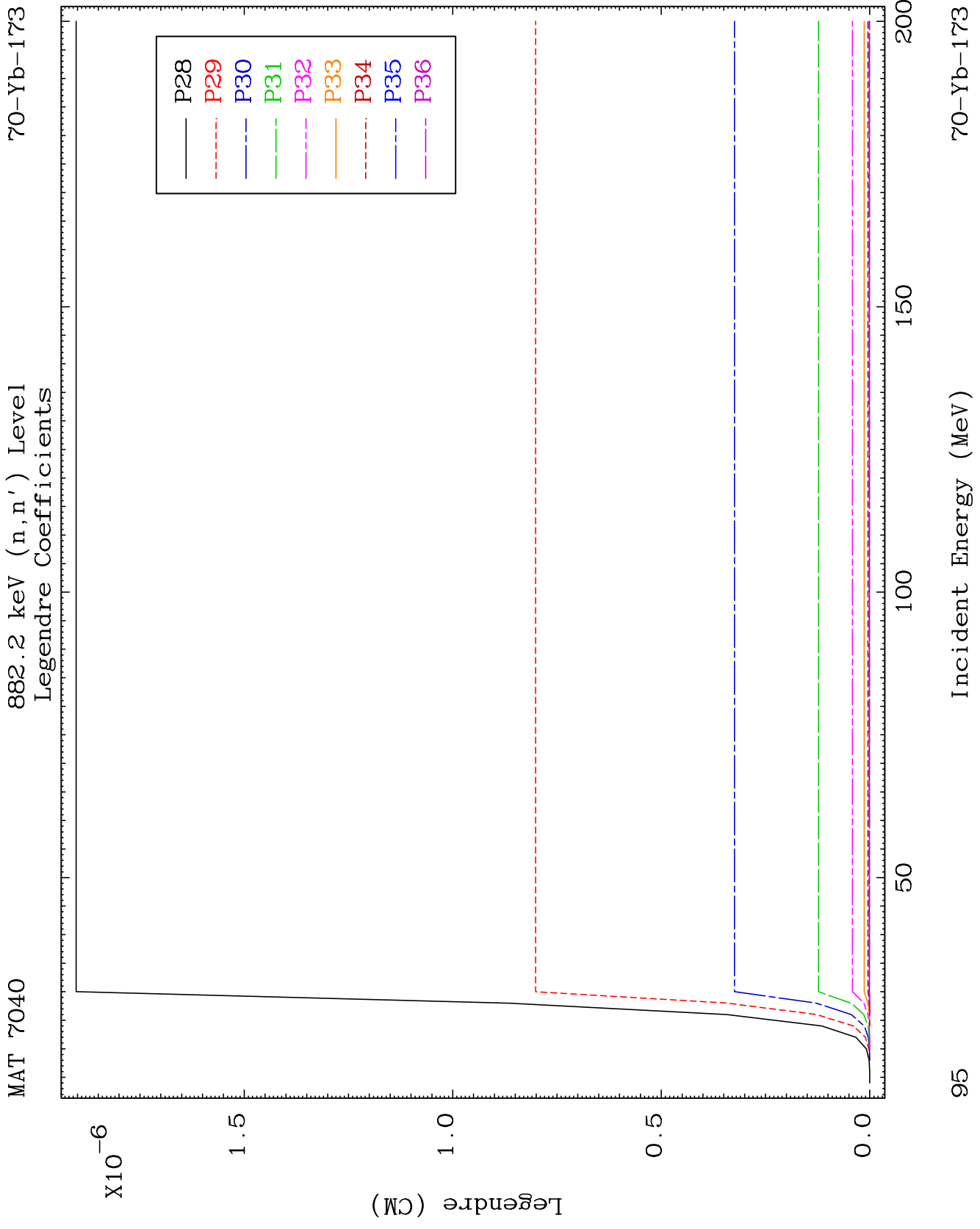
70-Yb-173



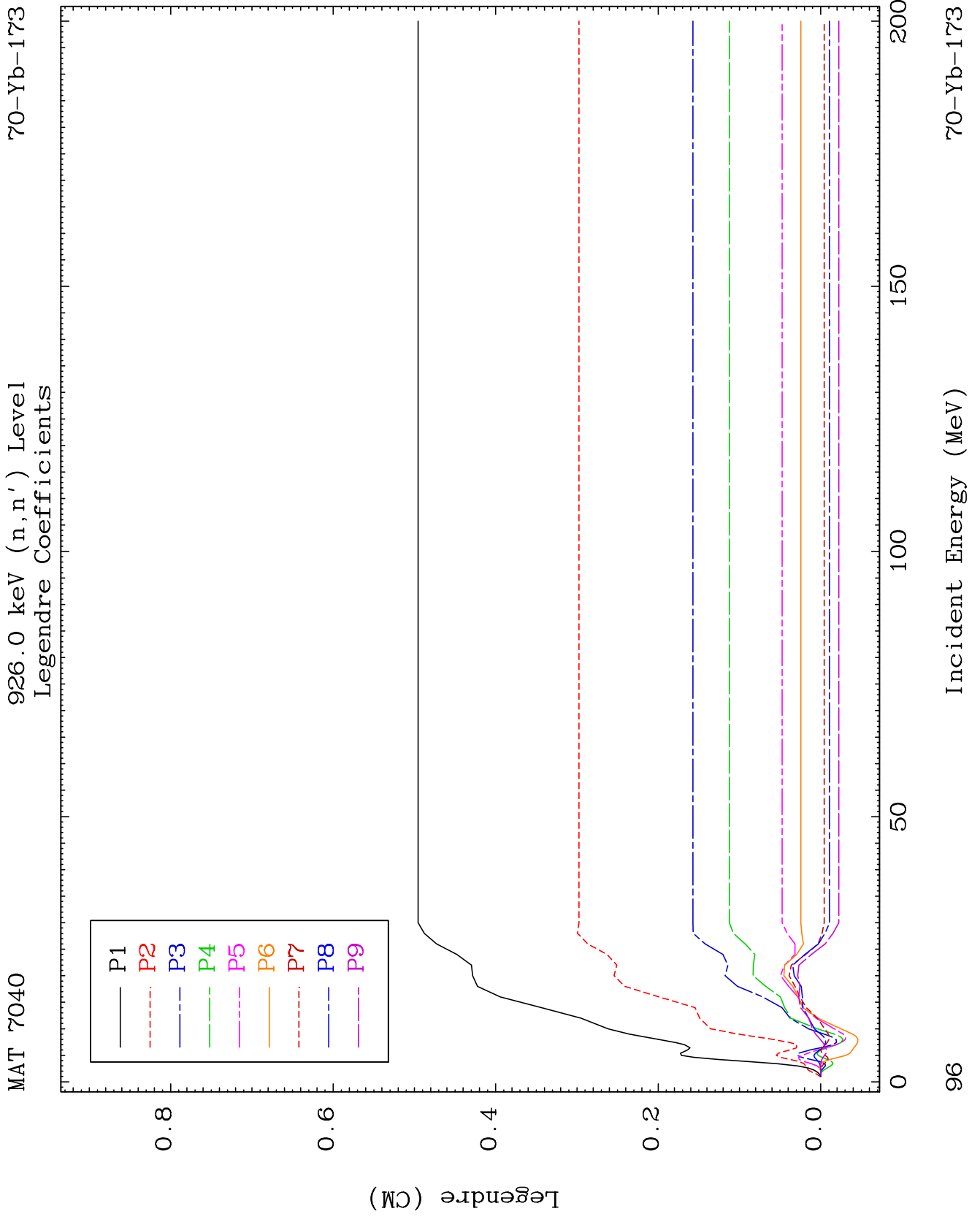
94

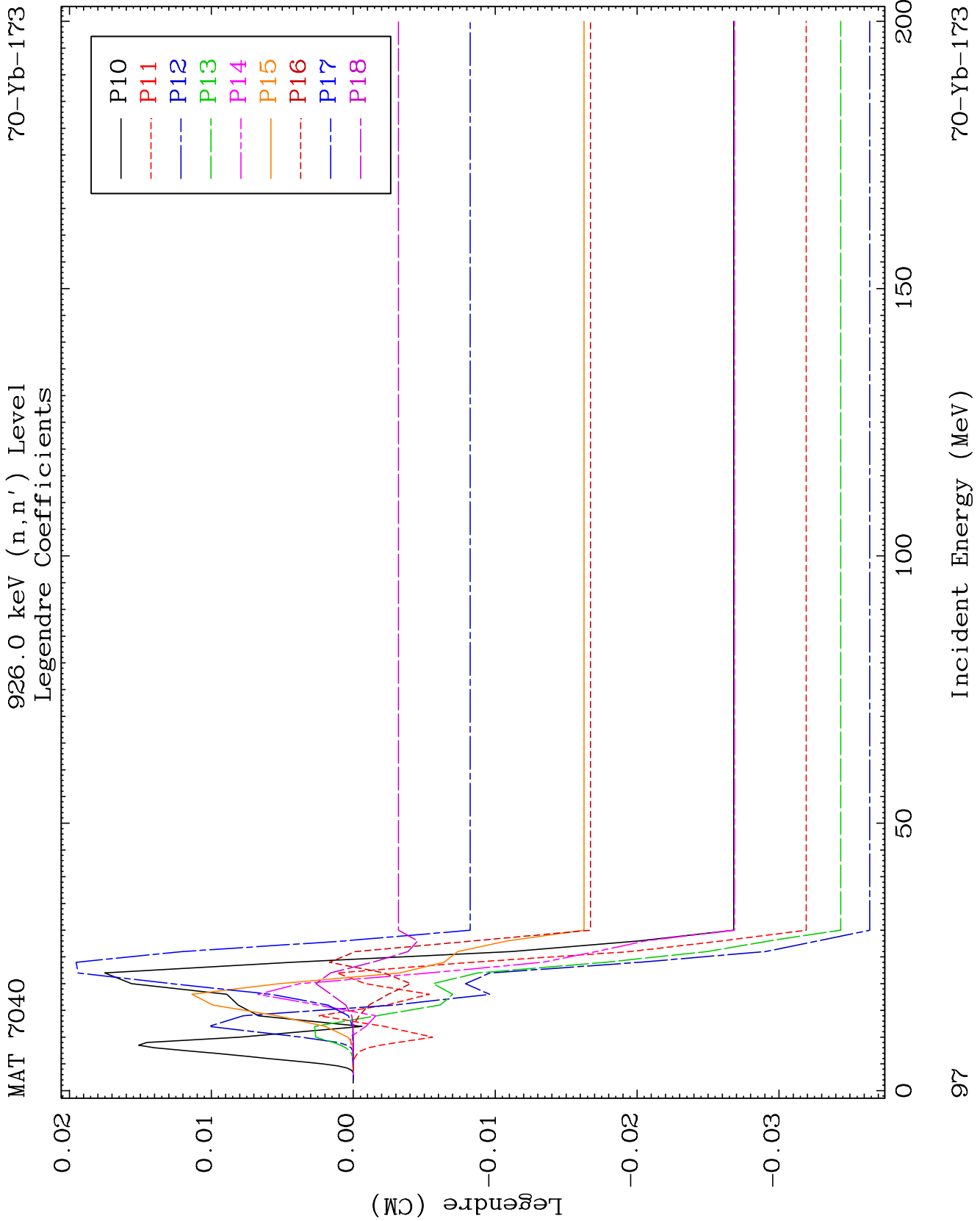
Incident Energy (MeV)

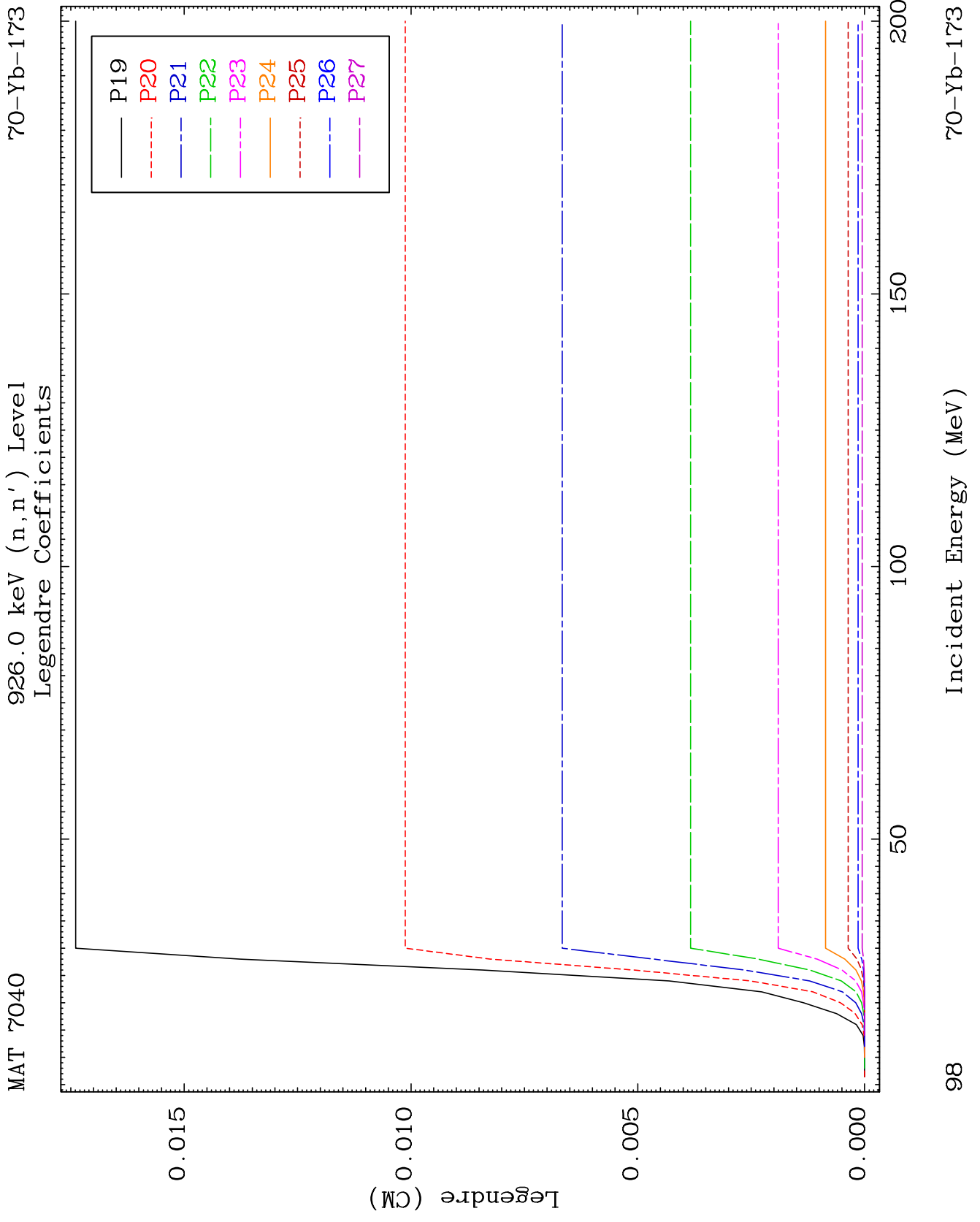
70-Yb-173

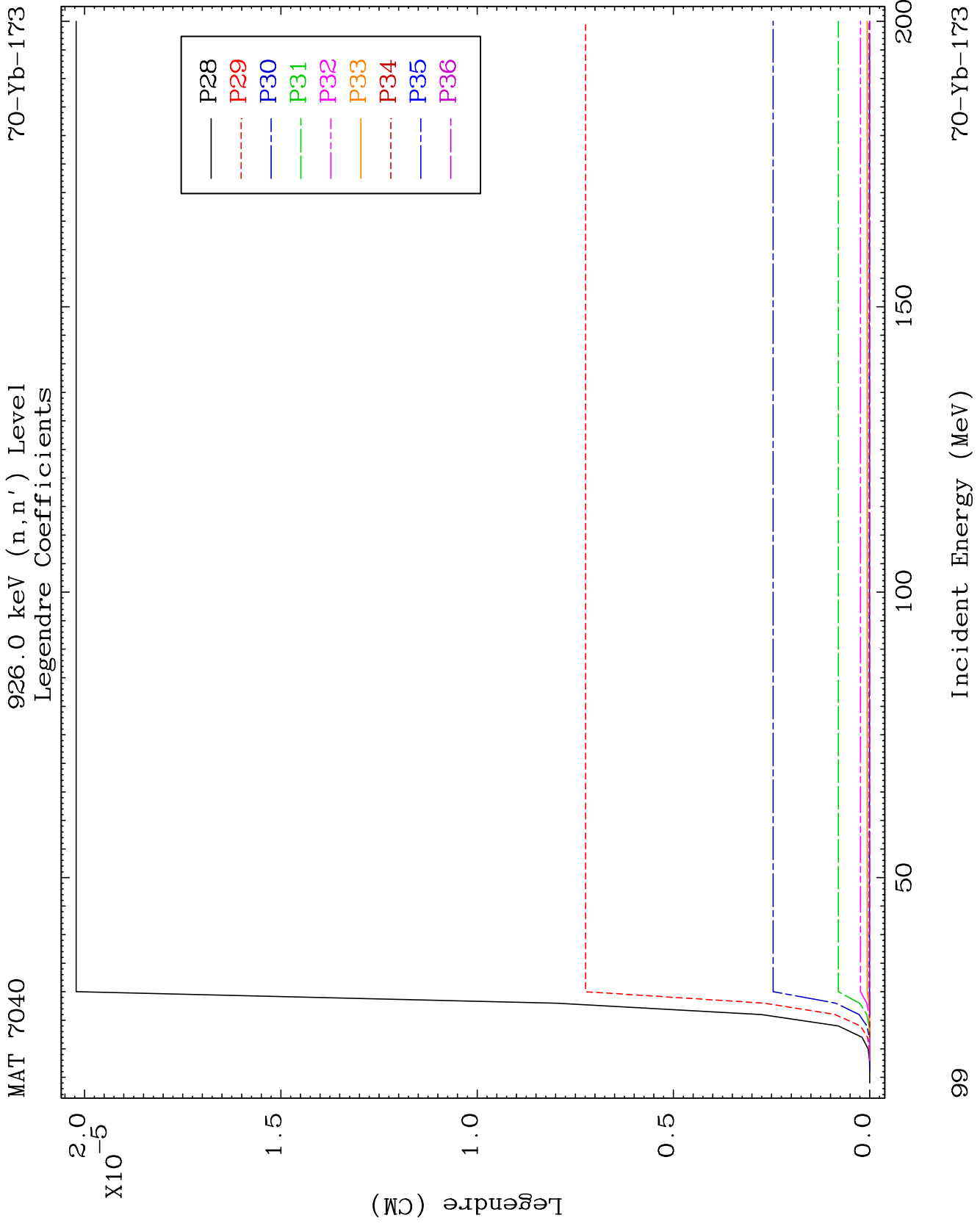


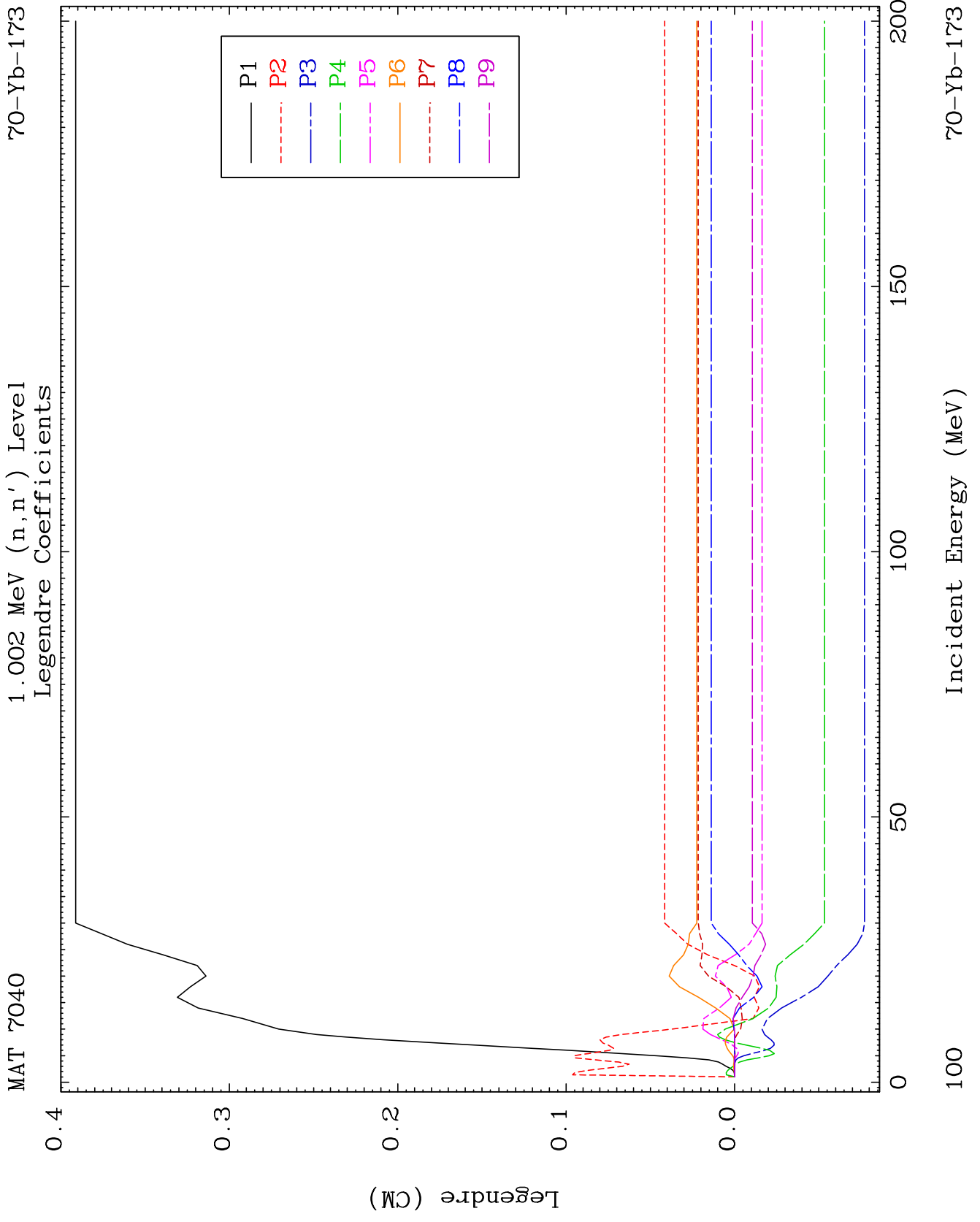


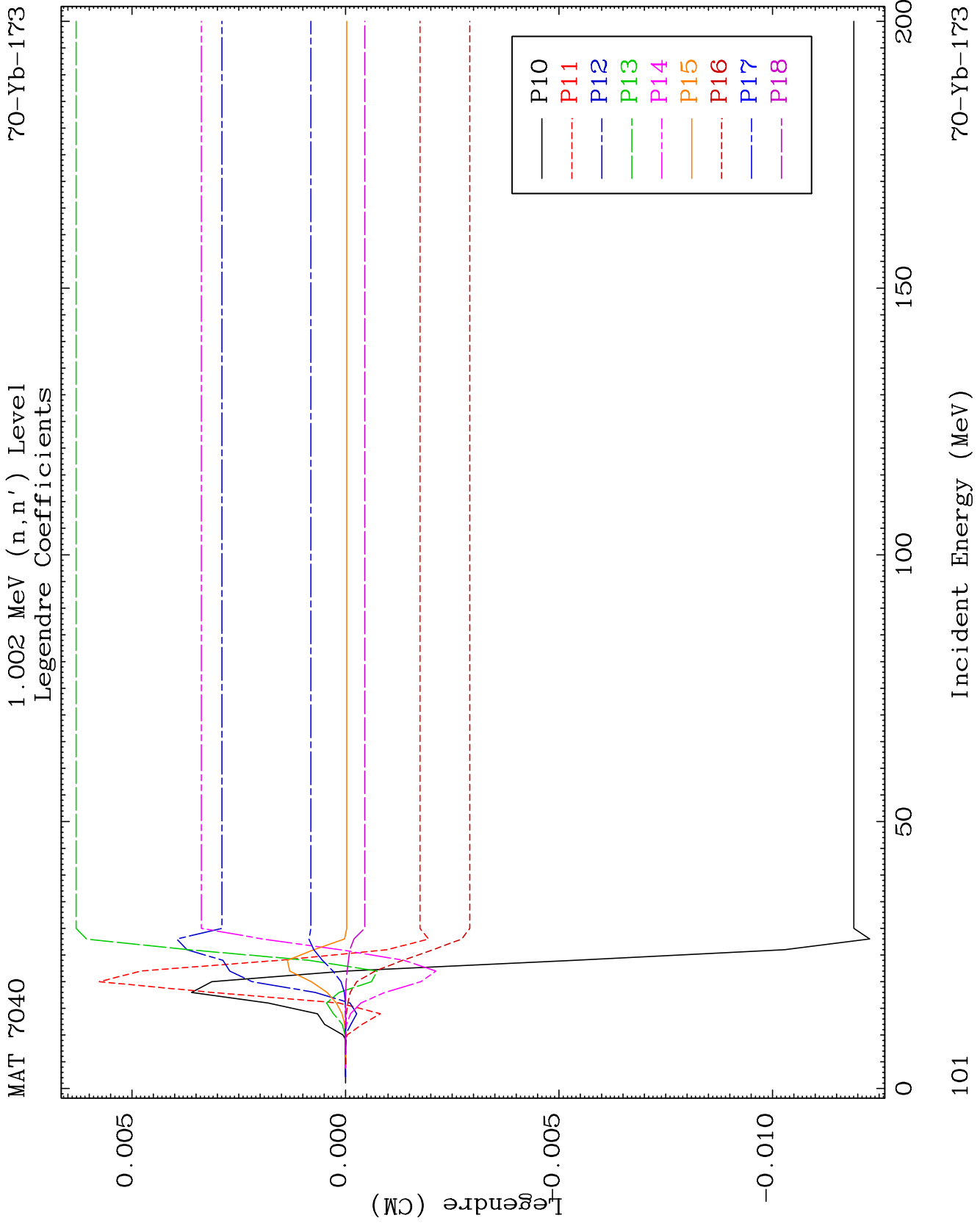


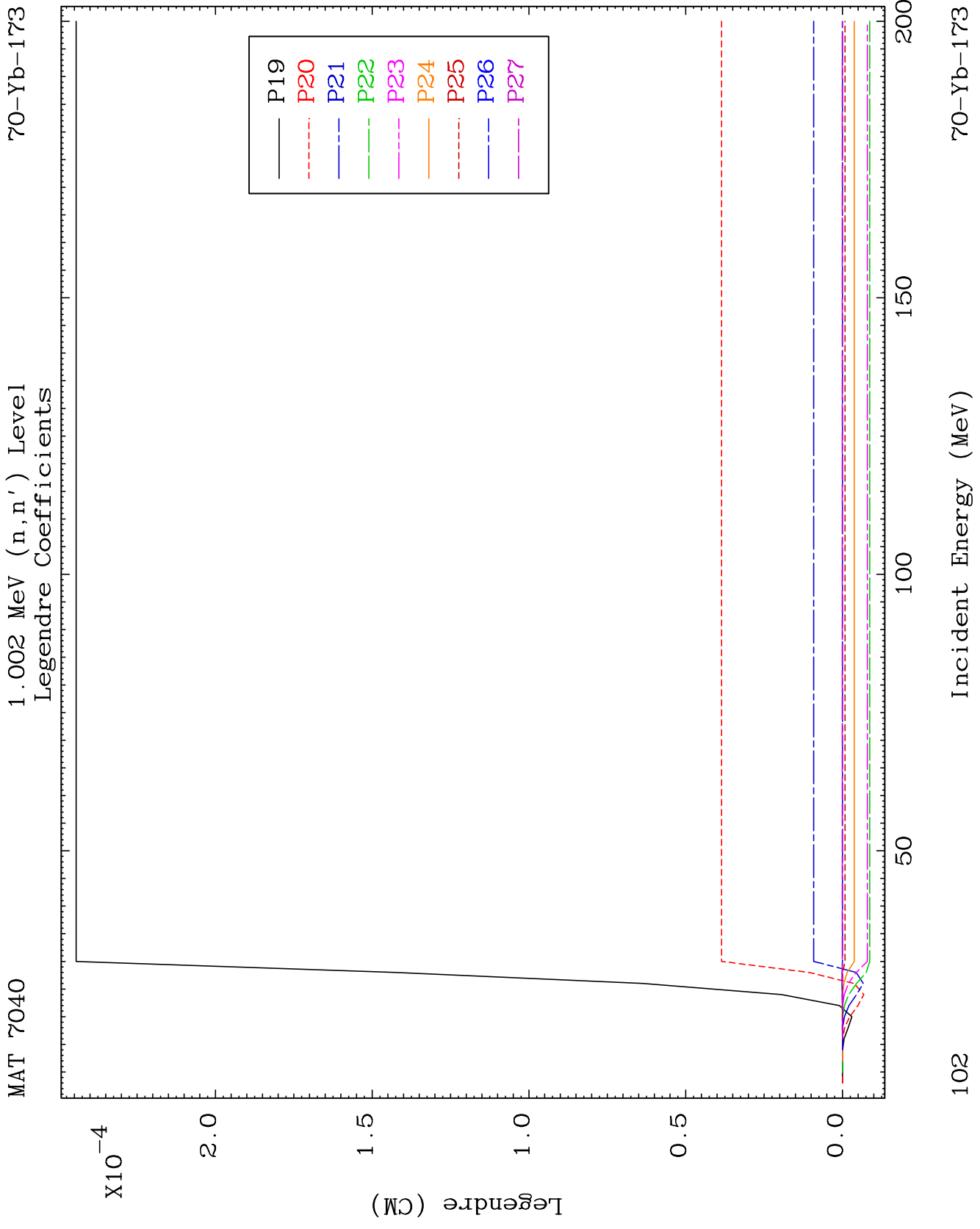


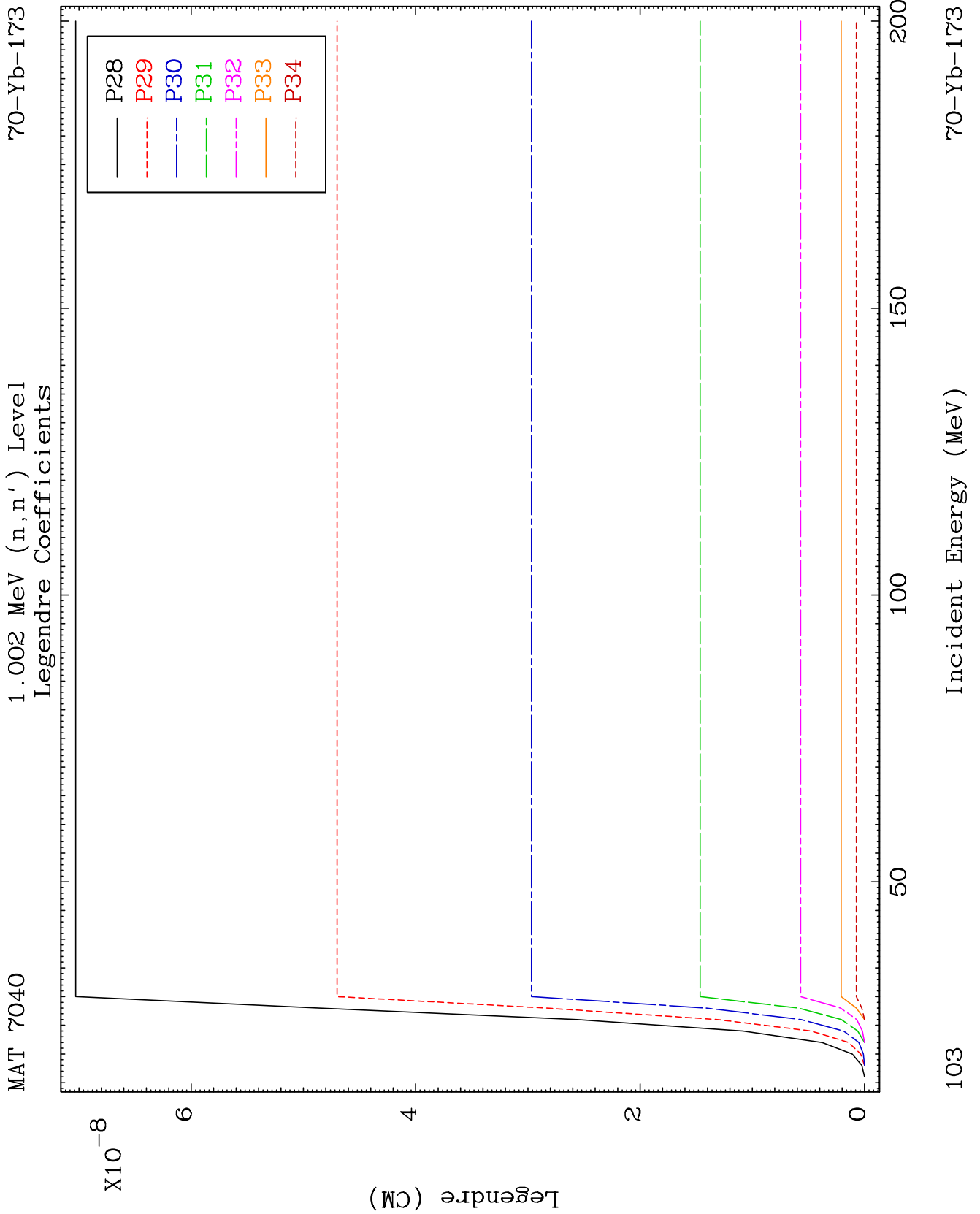




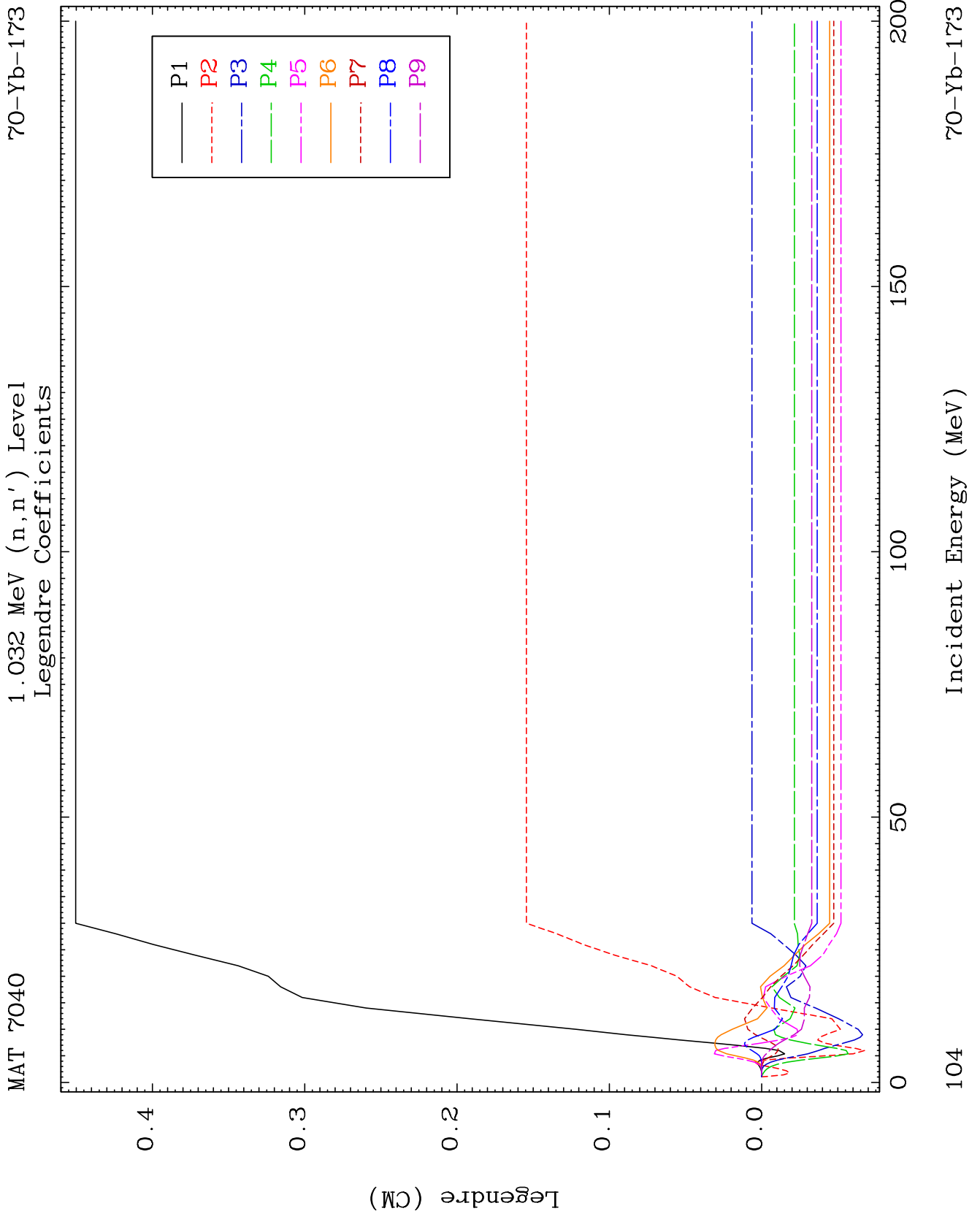








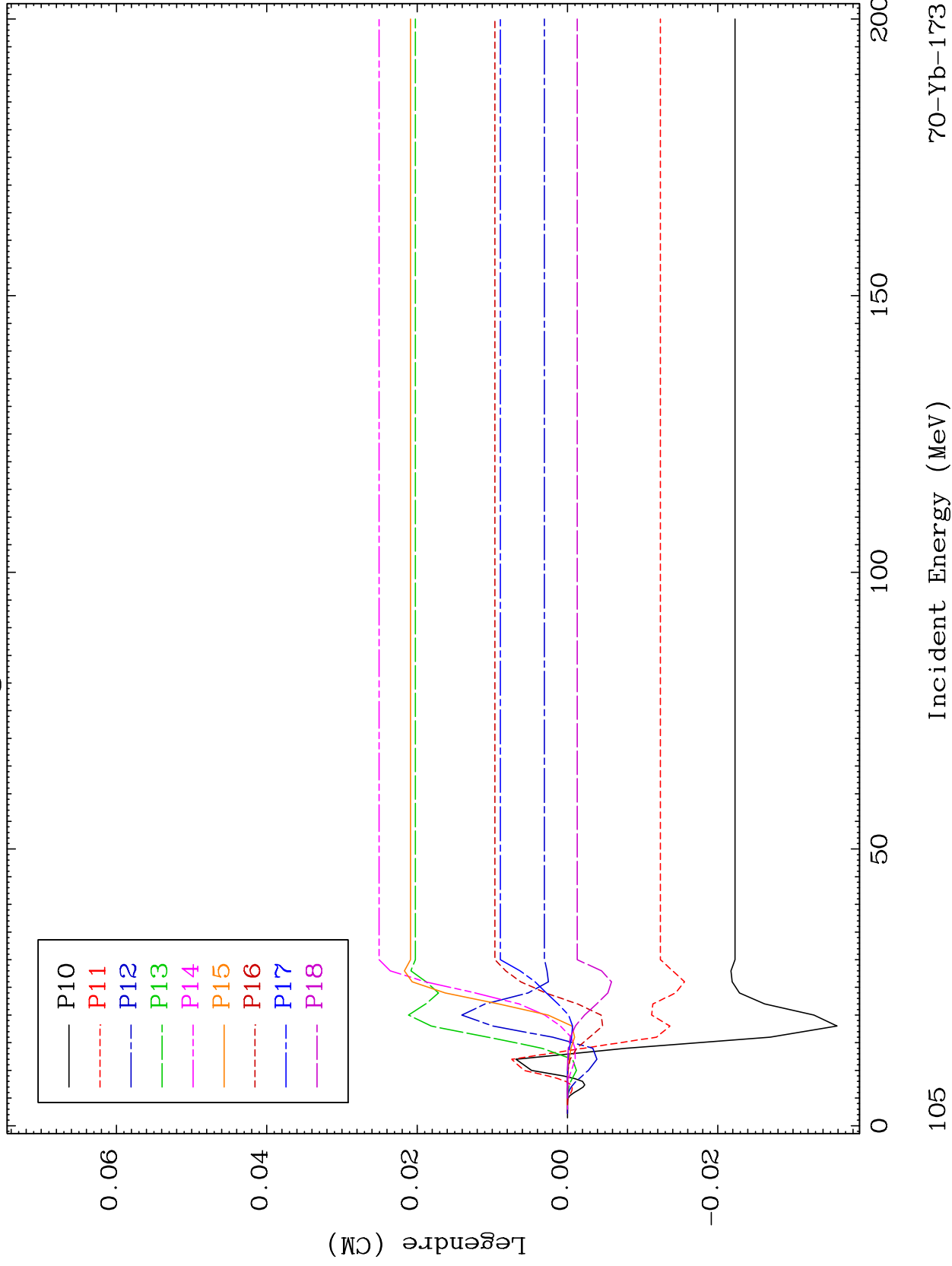




MAT 7040

1.032 MeV (n,n') Level  
Legendre Coefficients

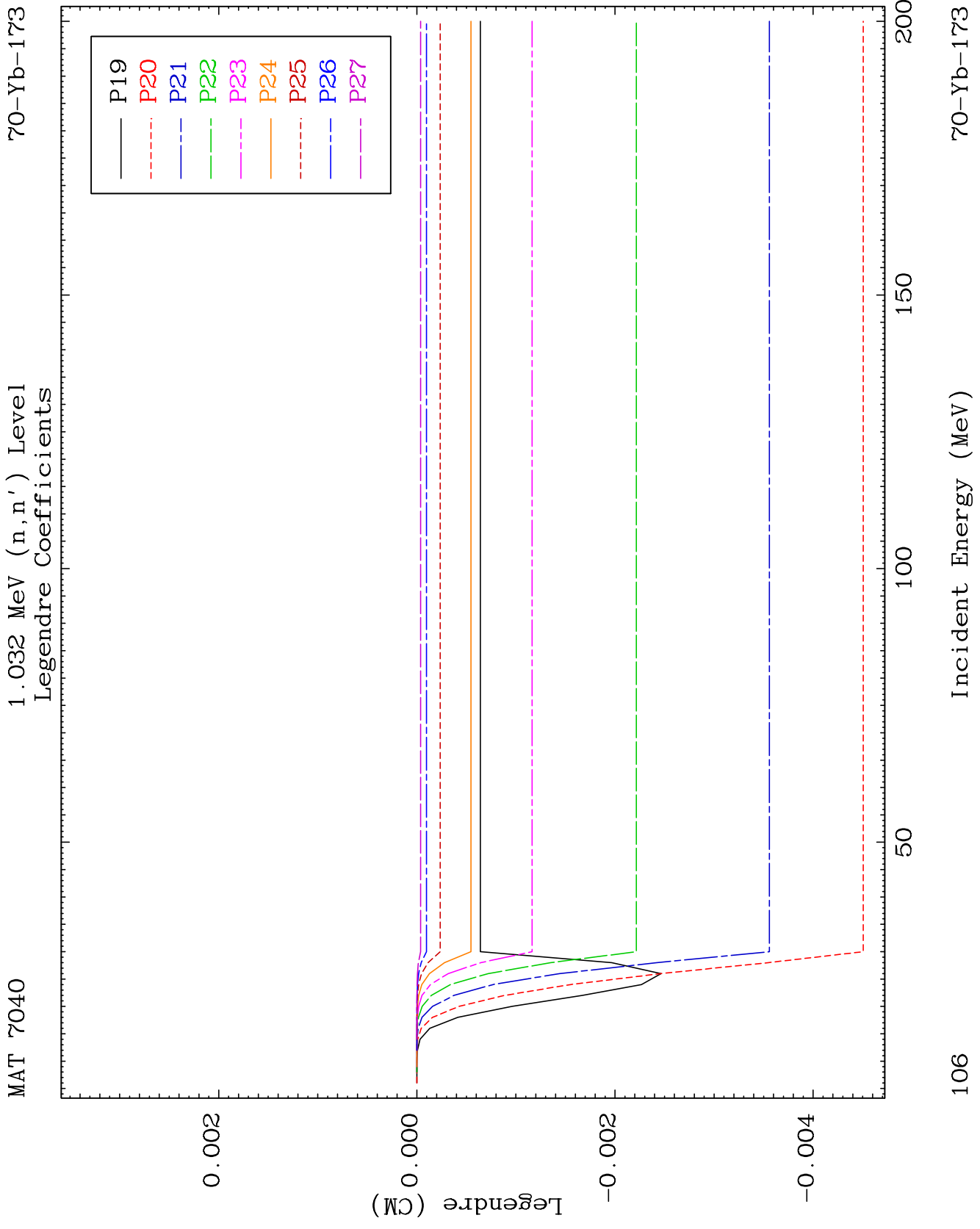
70-Yb-173

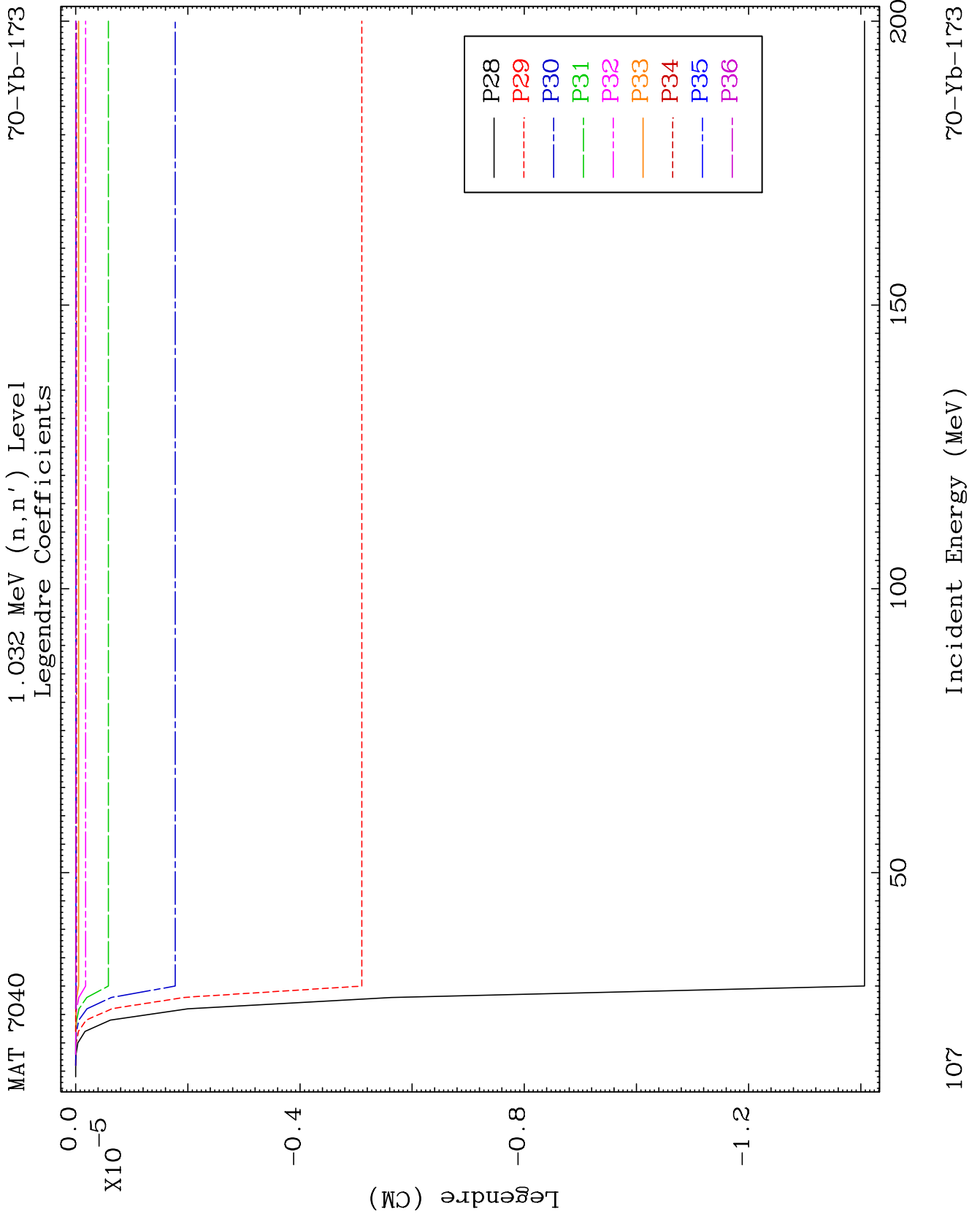


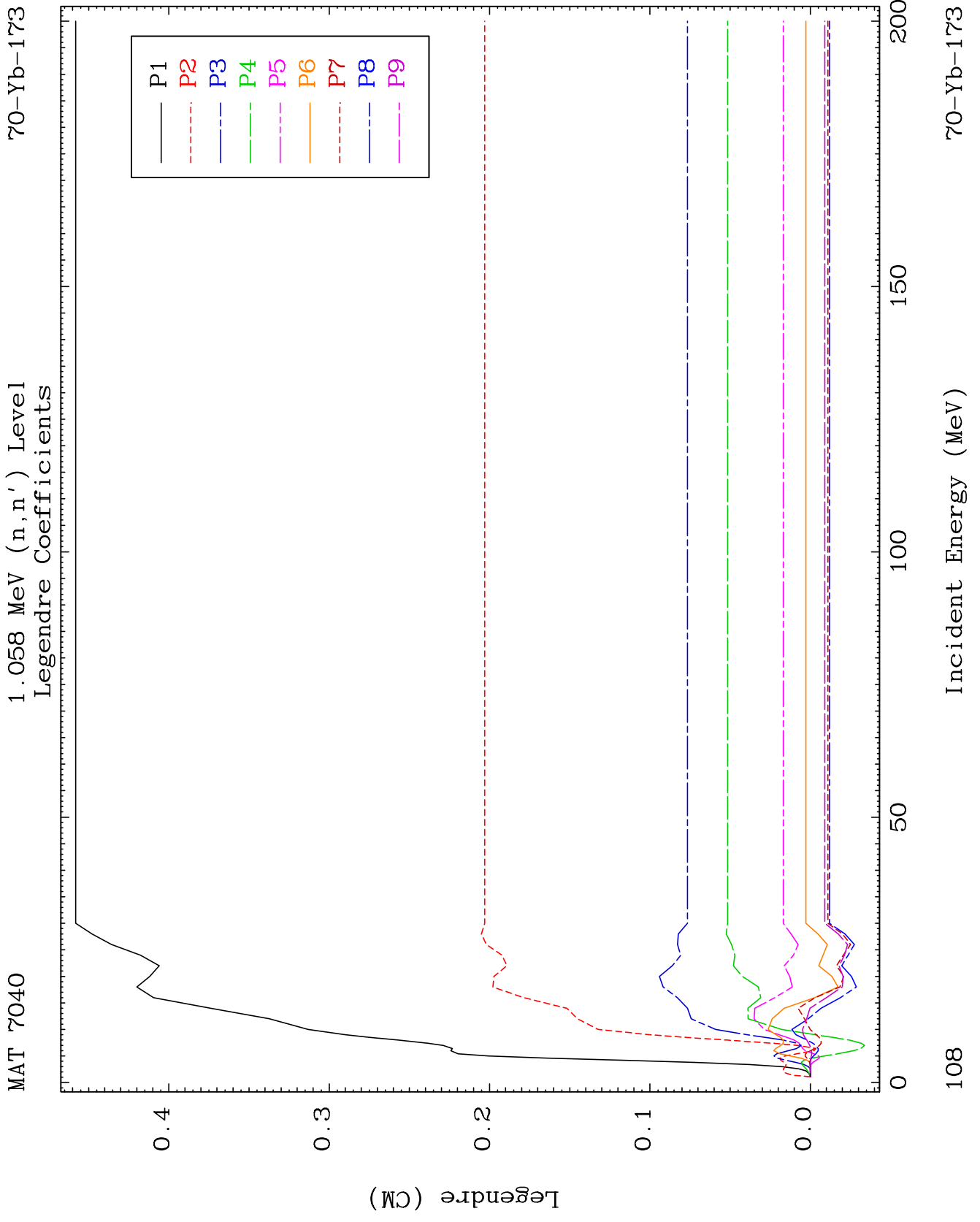
70-Yb-173

Incident Energy (MeV)

105



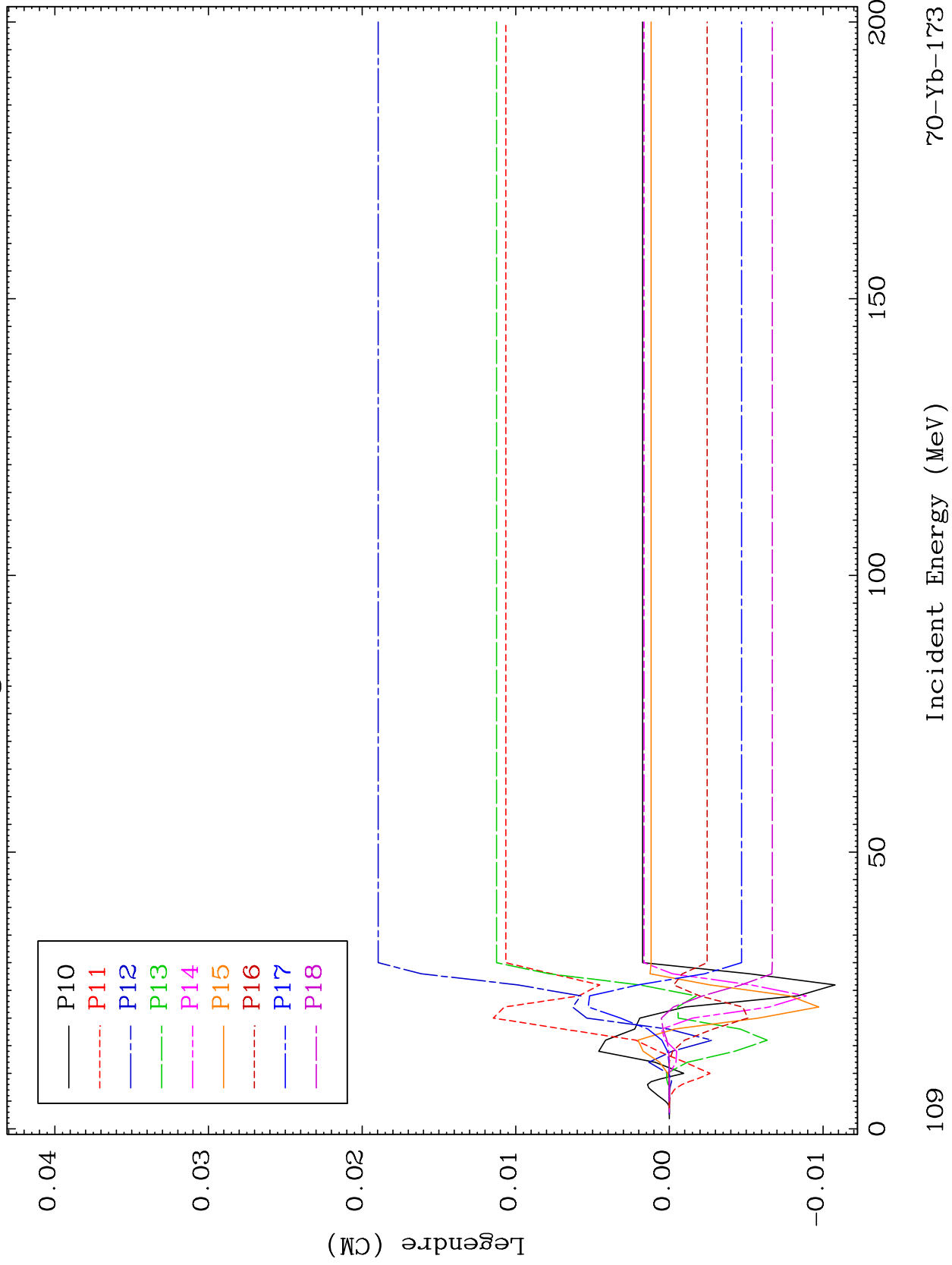




MAT 7040

1.058 MeV (n,n') Level  
Legendre Coefficients

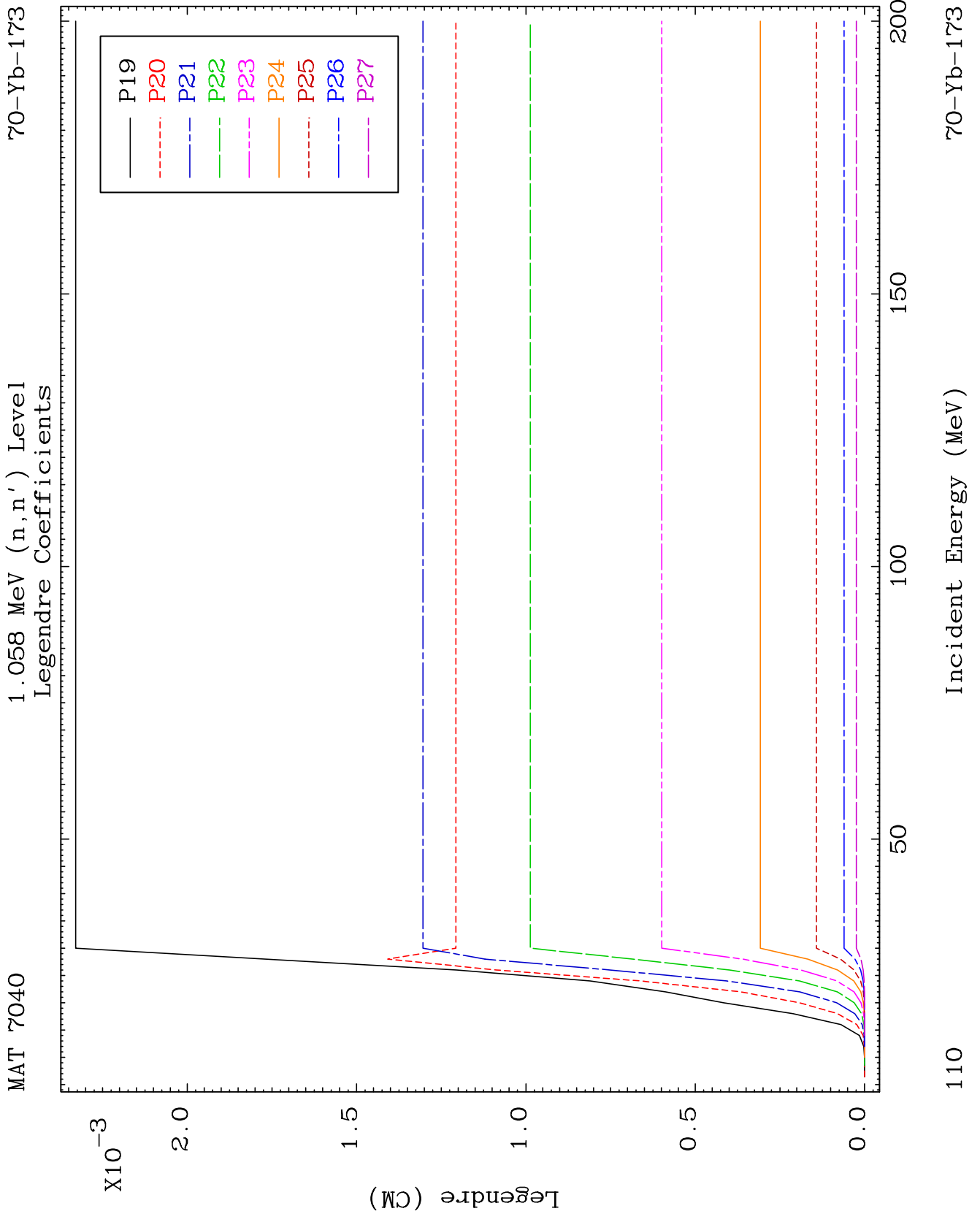
70-Yb-173

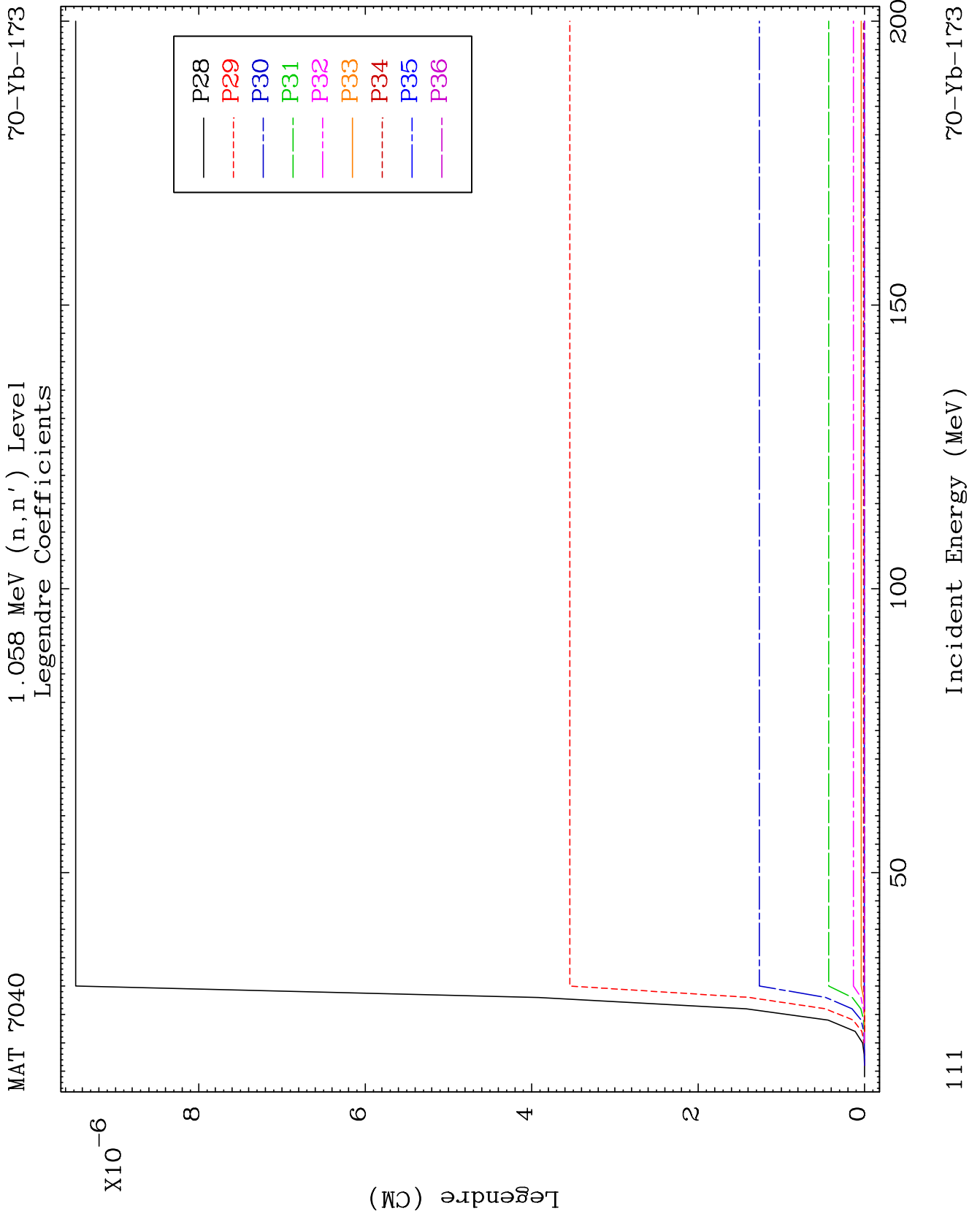


70-Yb-173

Incident Energy (MeV)

109



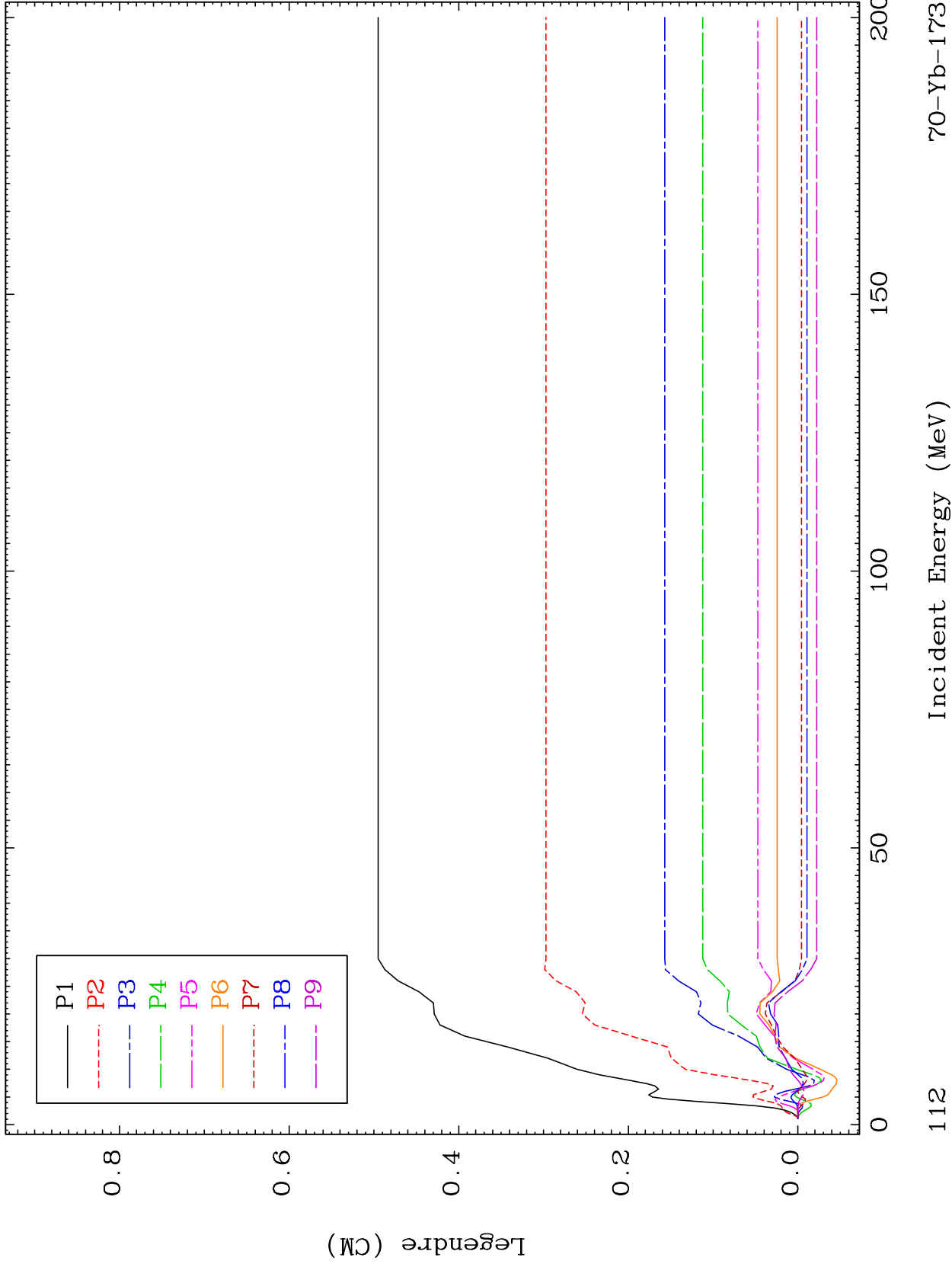




MAT 7040

1.074 MeV (n,n') Level  
Legendre Coefficients

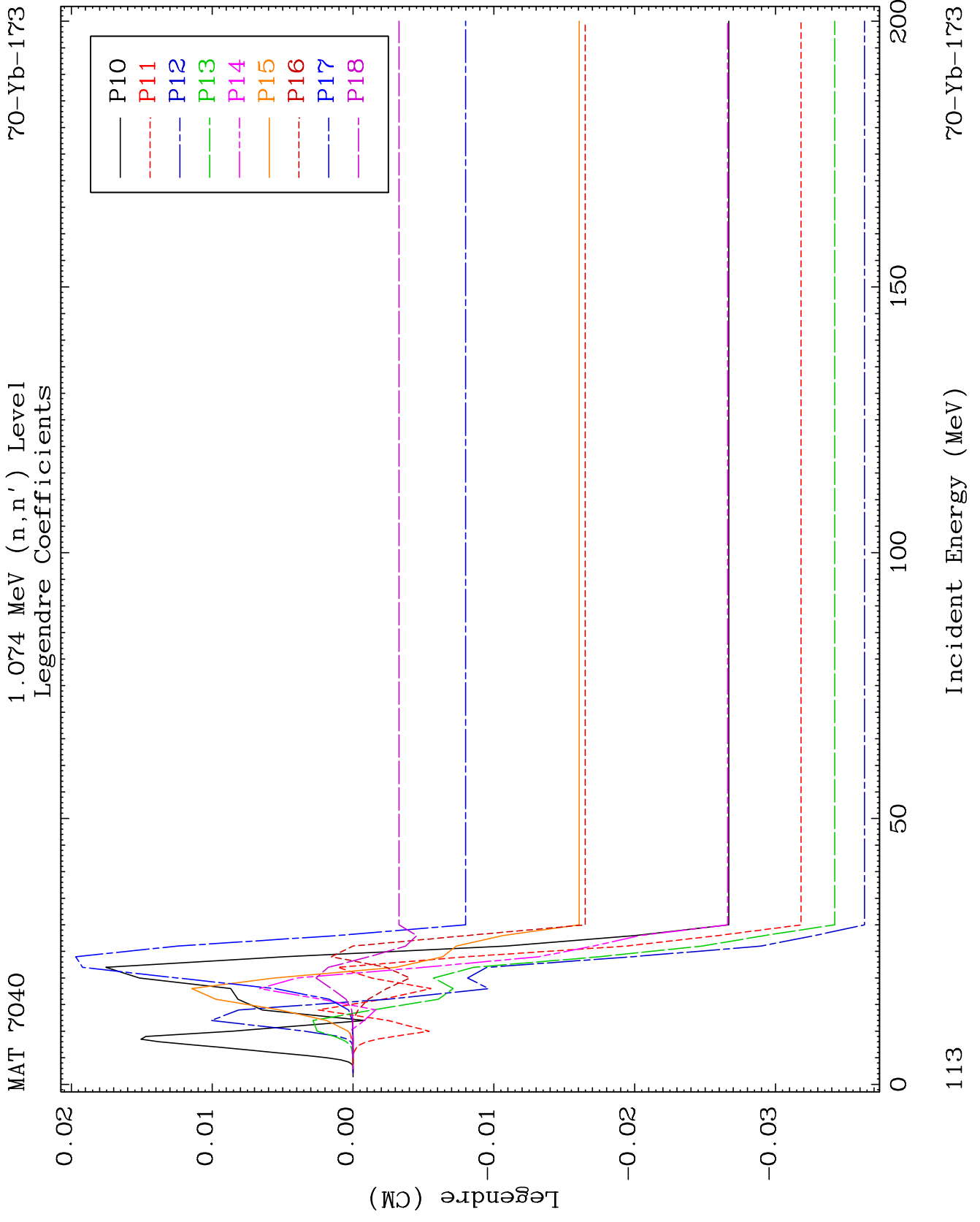
70-Yb-173

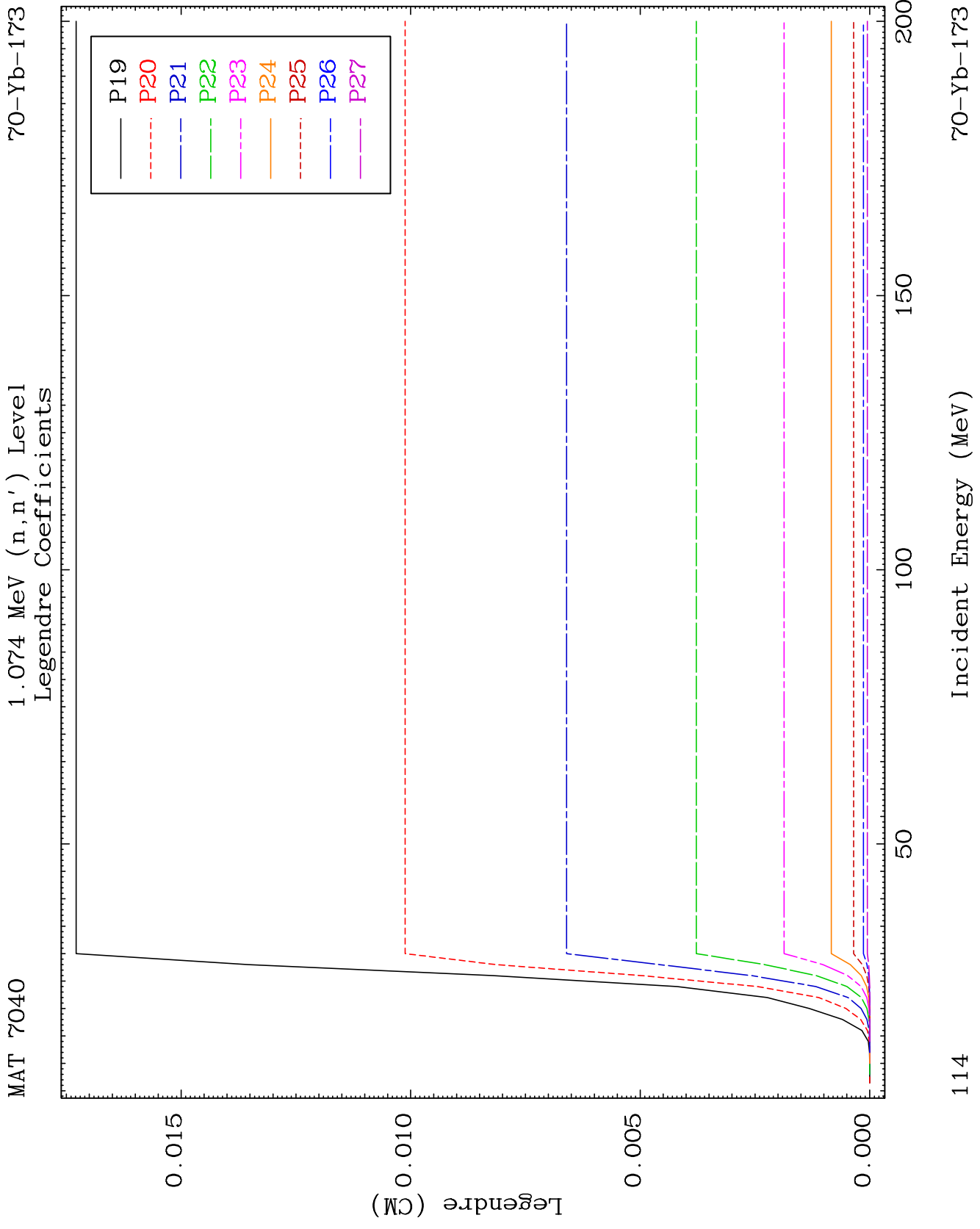


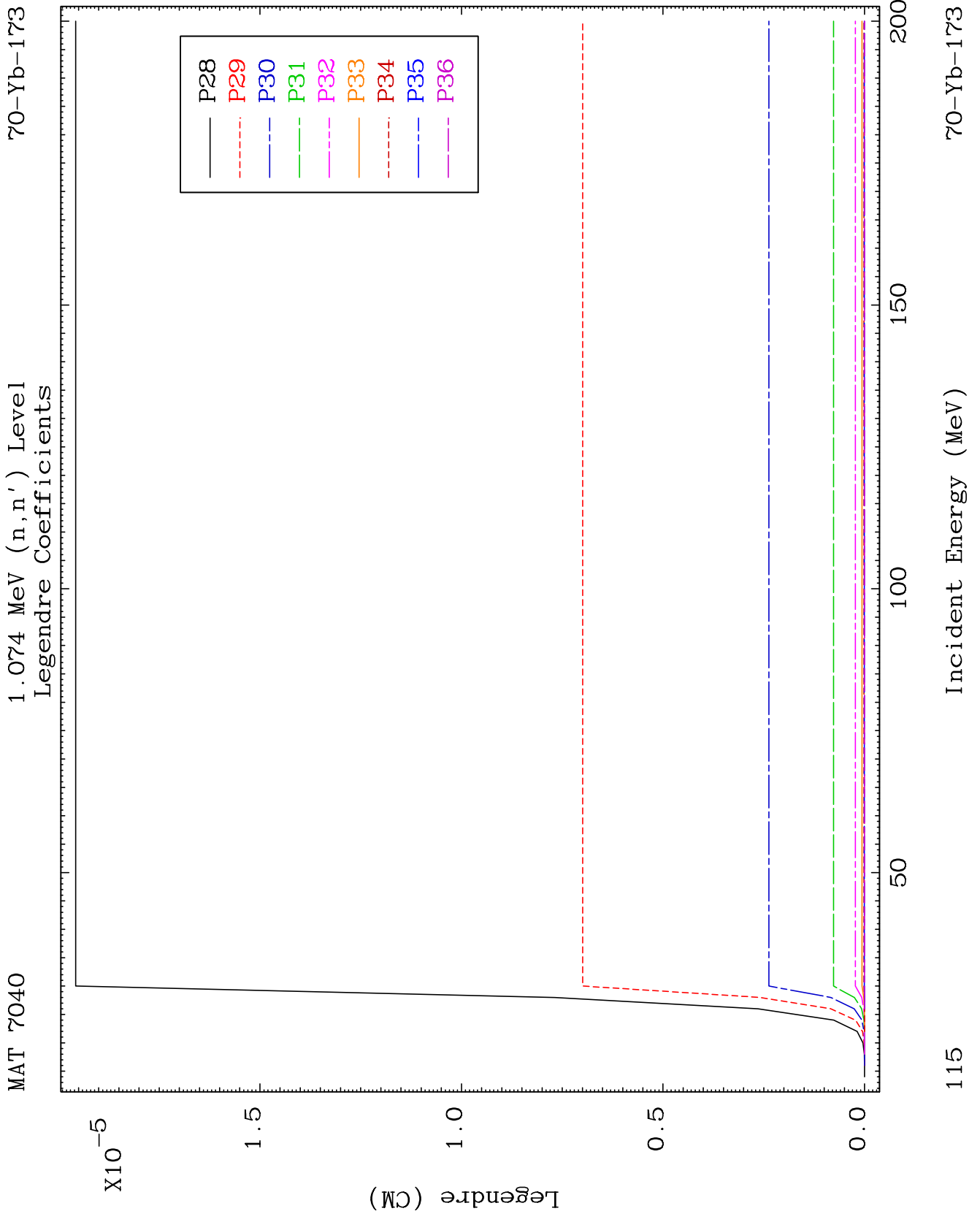
70-Yb-173

Incident Energy (MeV)

112



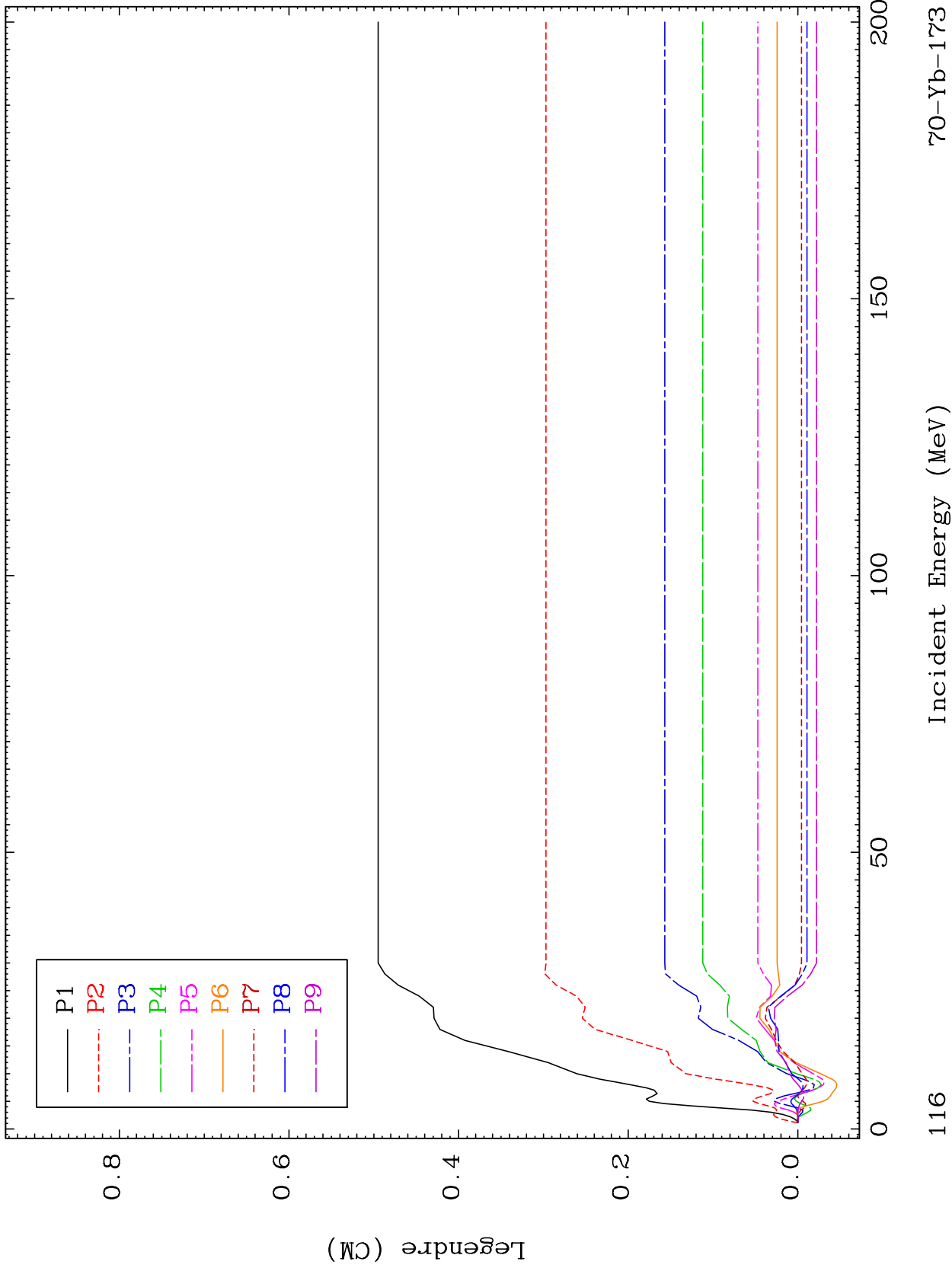




MAT 7040

1.122 MeV (n, n') Level  
Legendre Coefficients

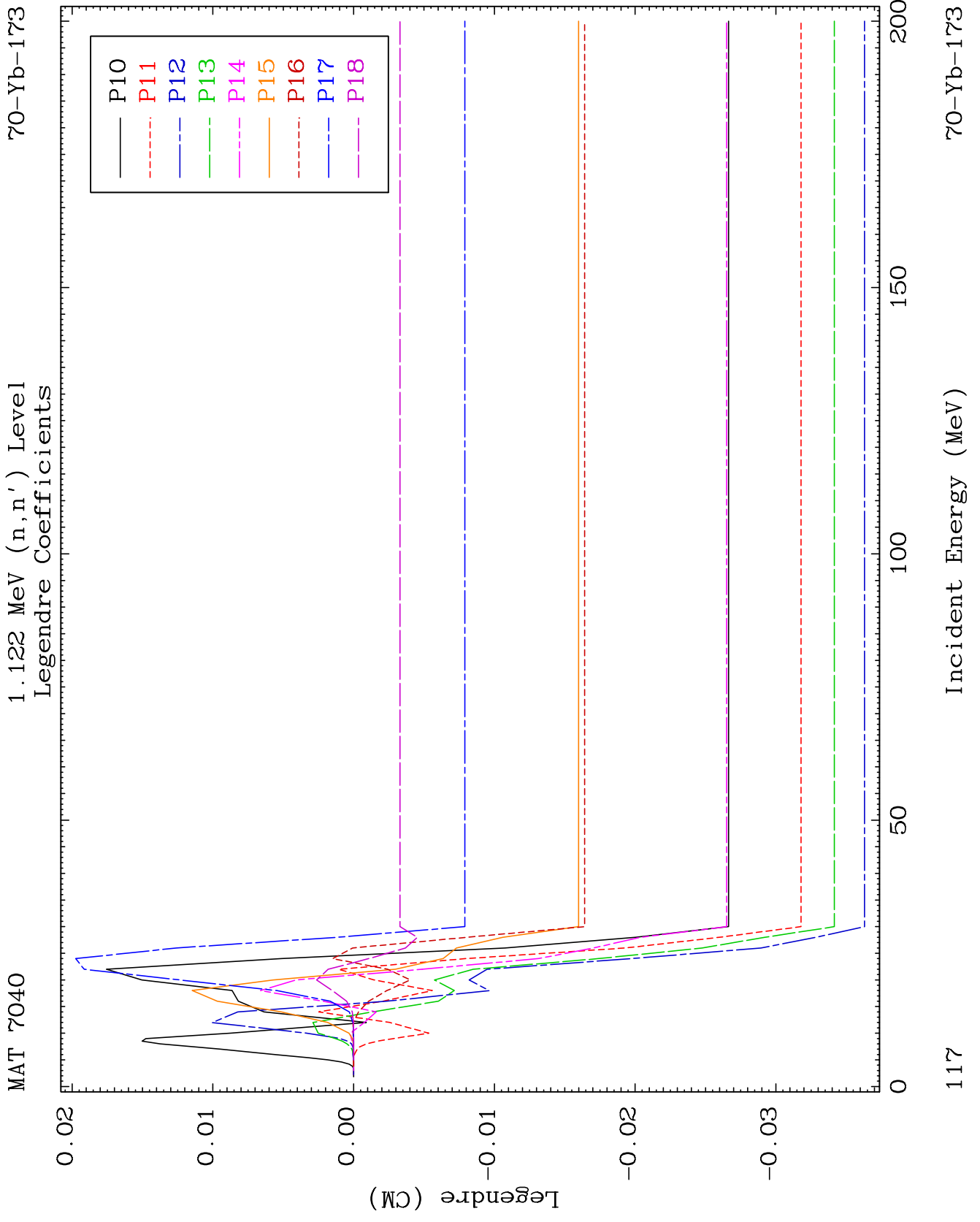
70-Yb-173

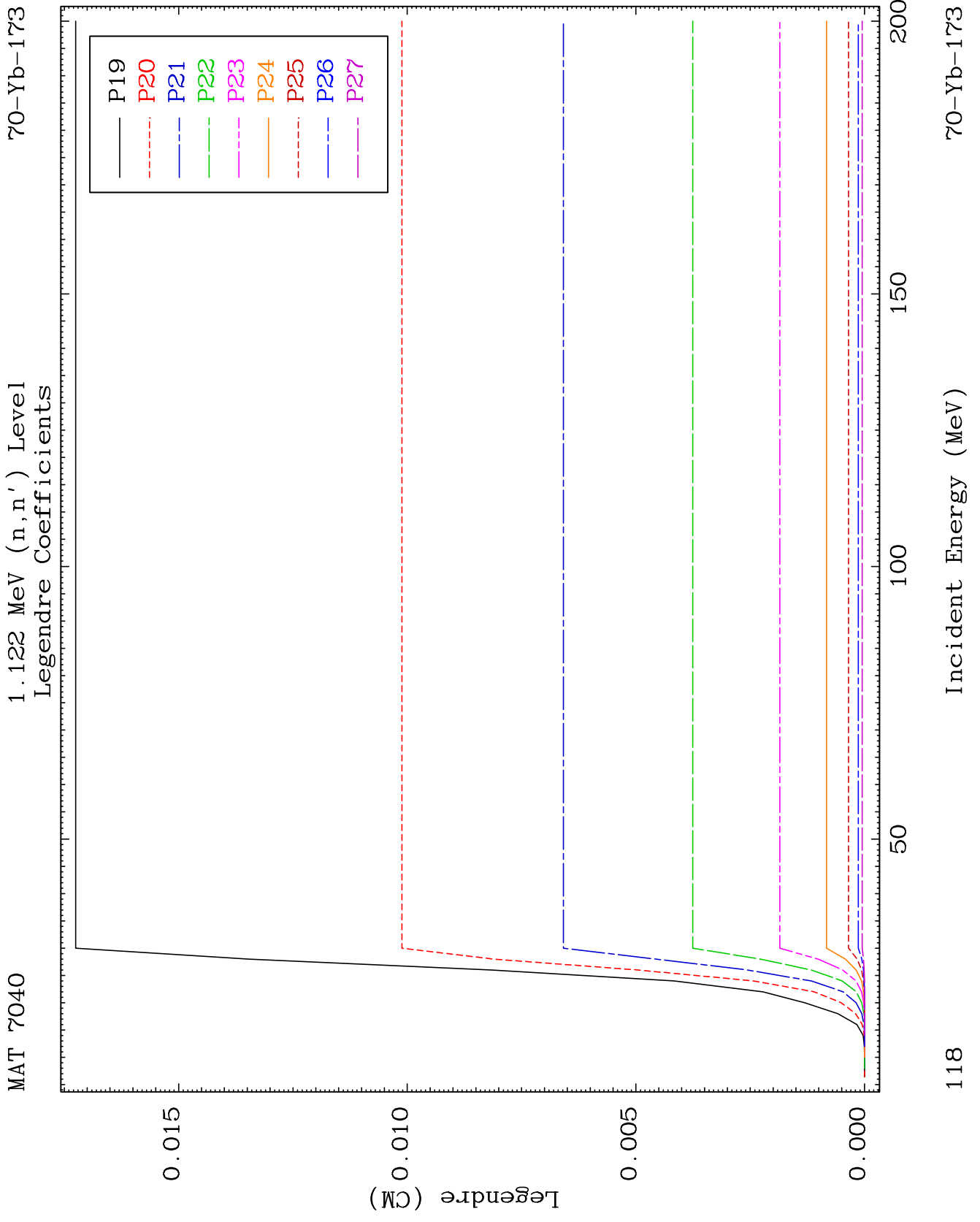


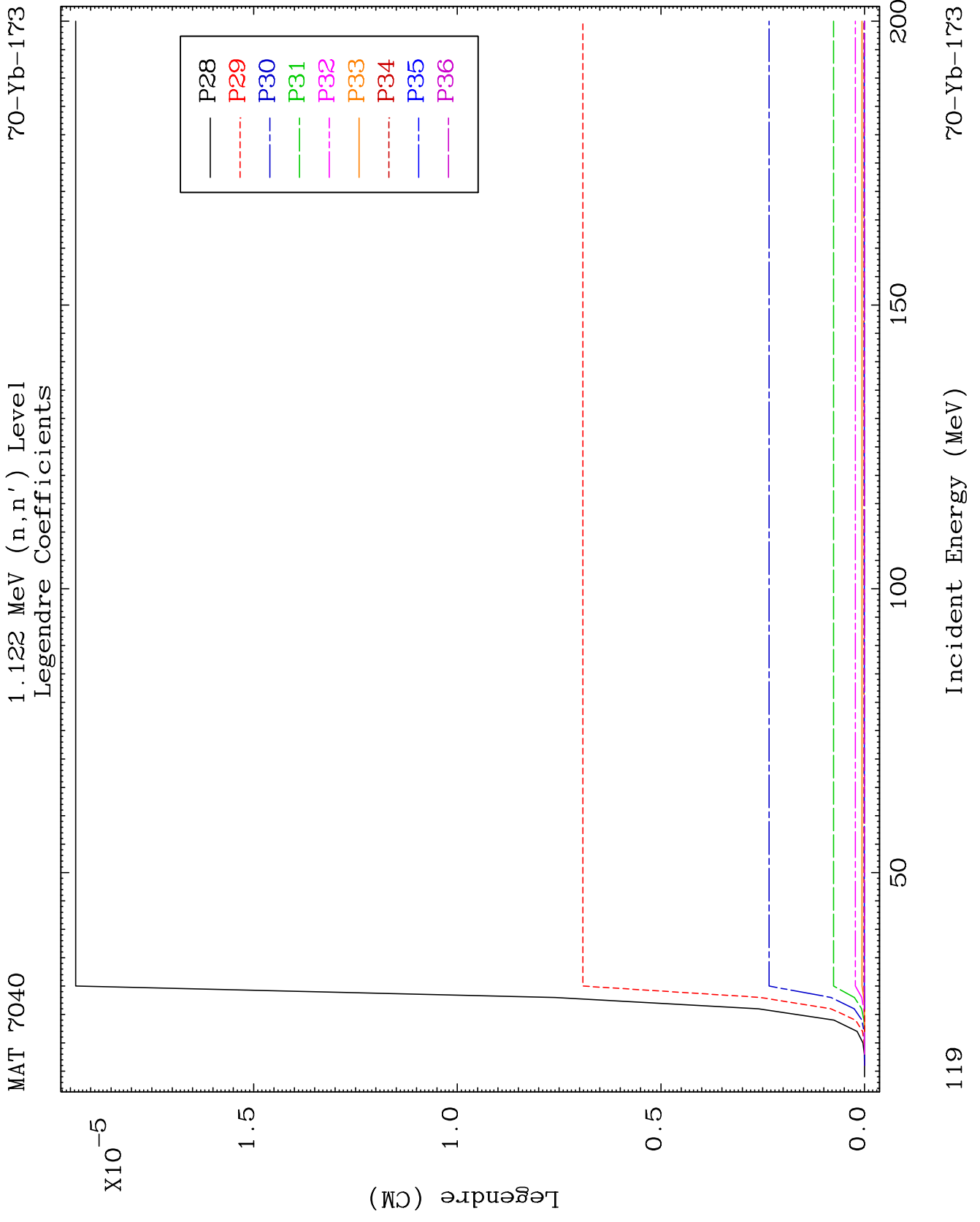
116

Incident Energy (MeV)

70-Yb-173





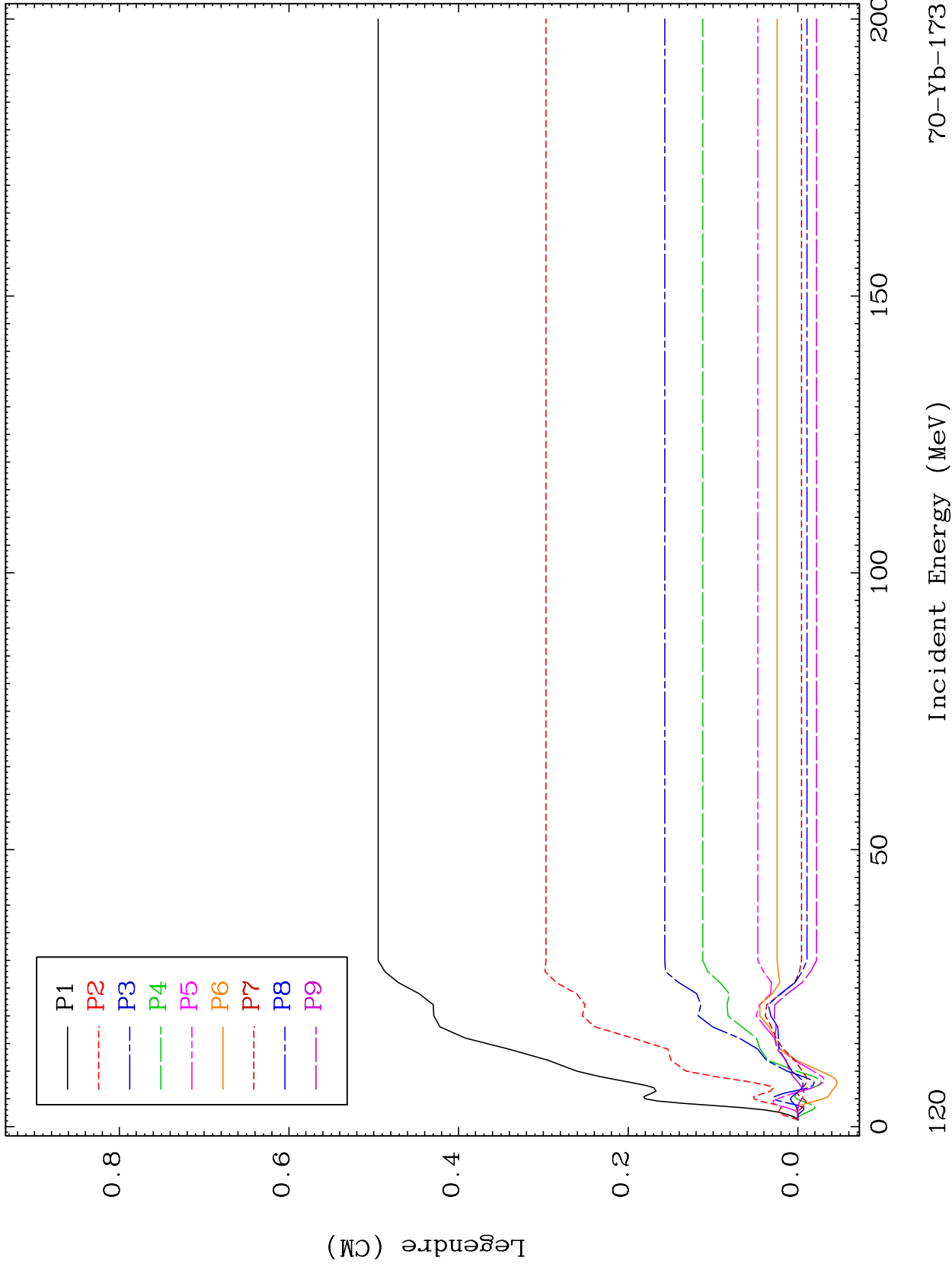




MAT 7040

1.142 MeV (n,n') Level  
Legendre Coefficients

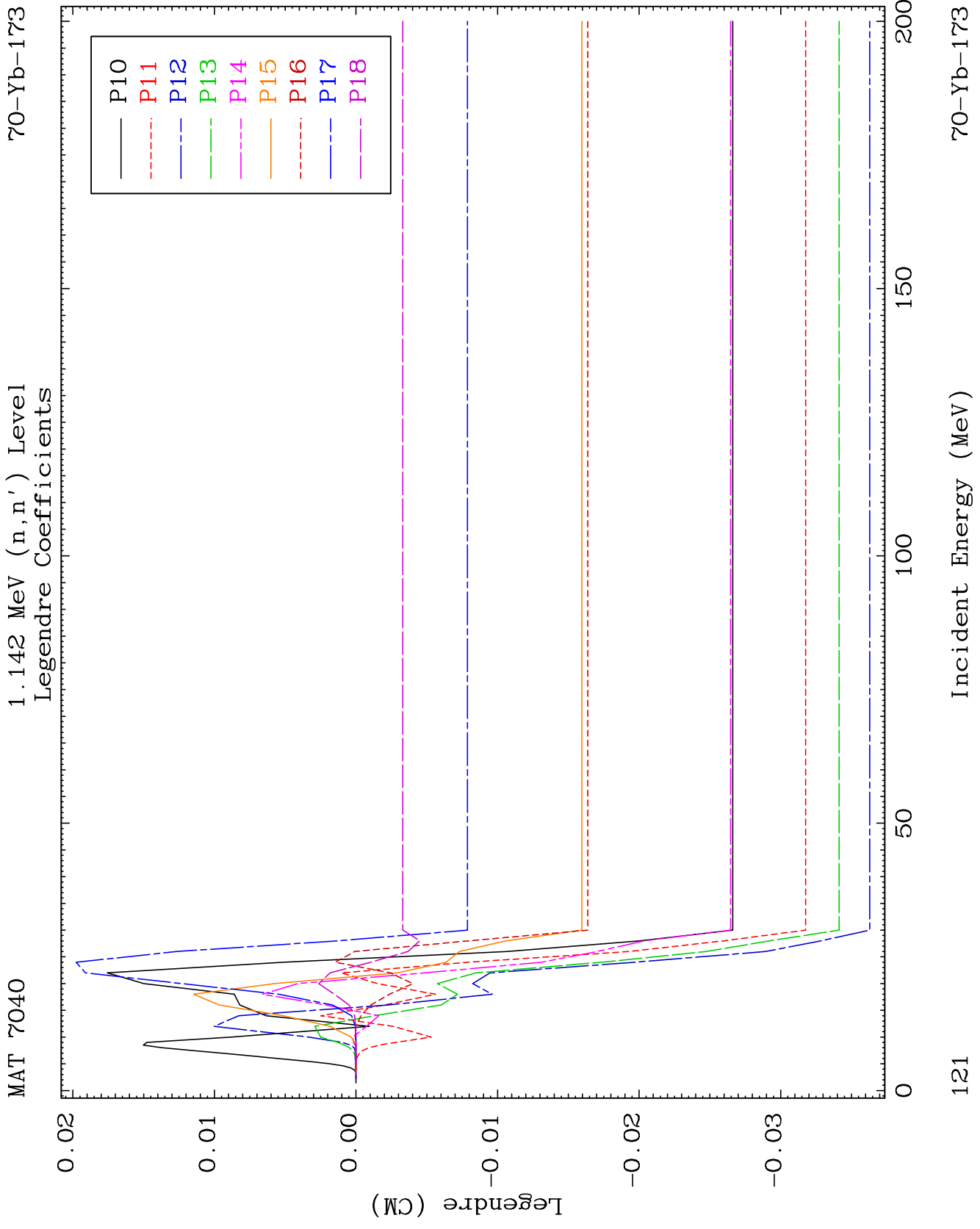
70-Yb-173

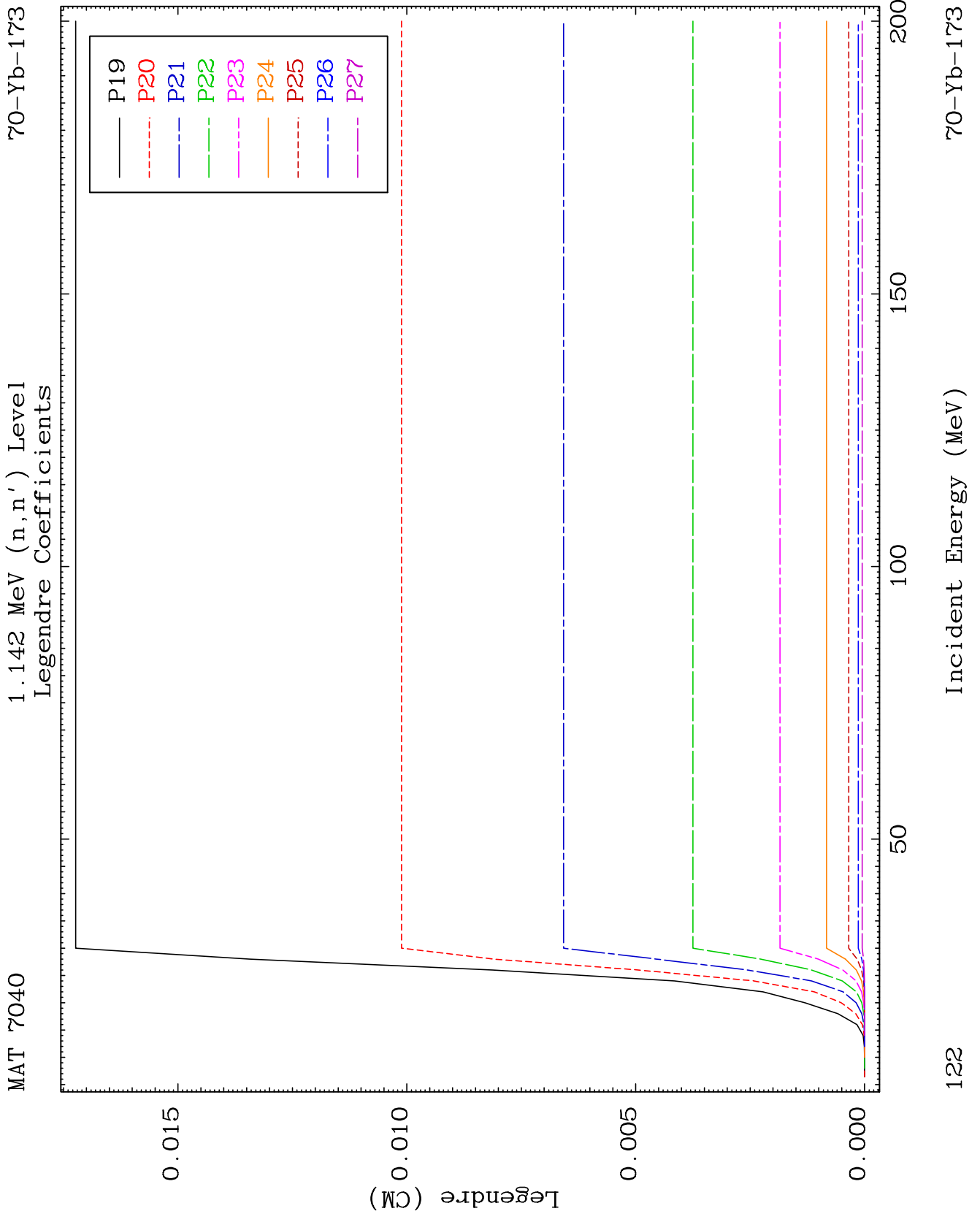


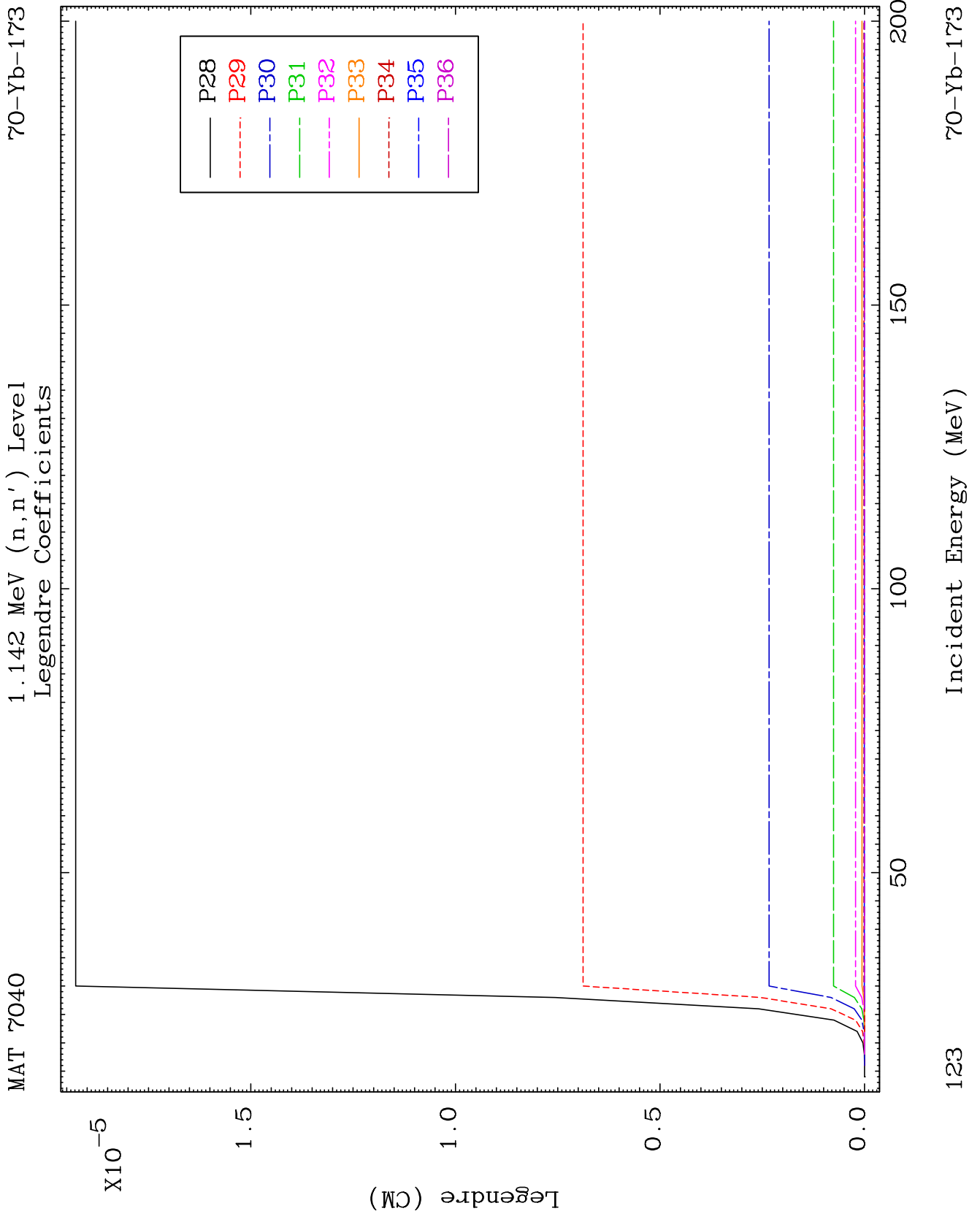
70-Yb-173

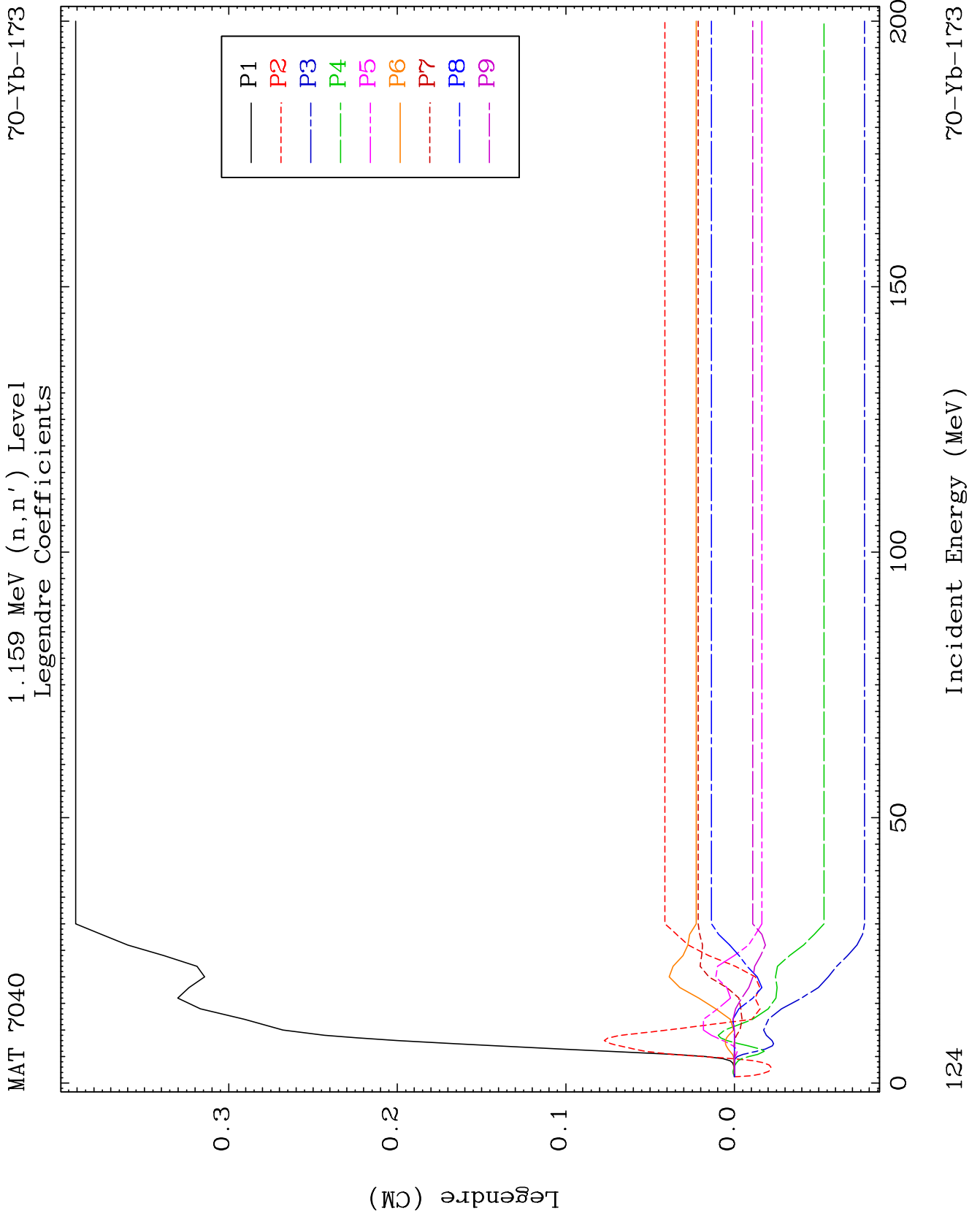
Incident Energy (MeV)

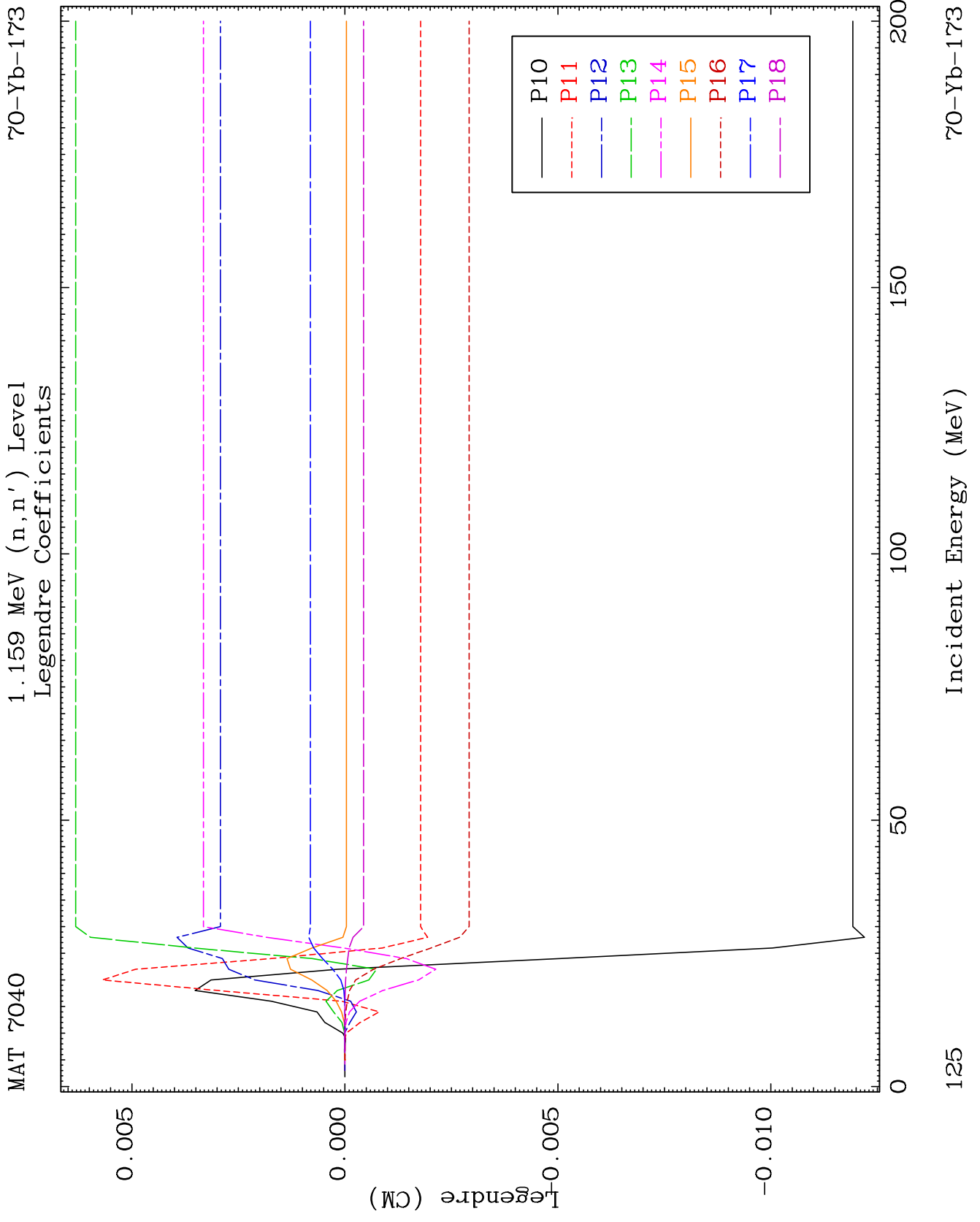
120

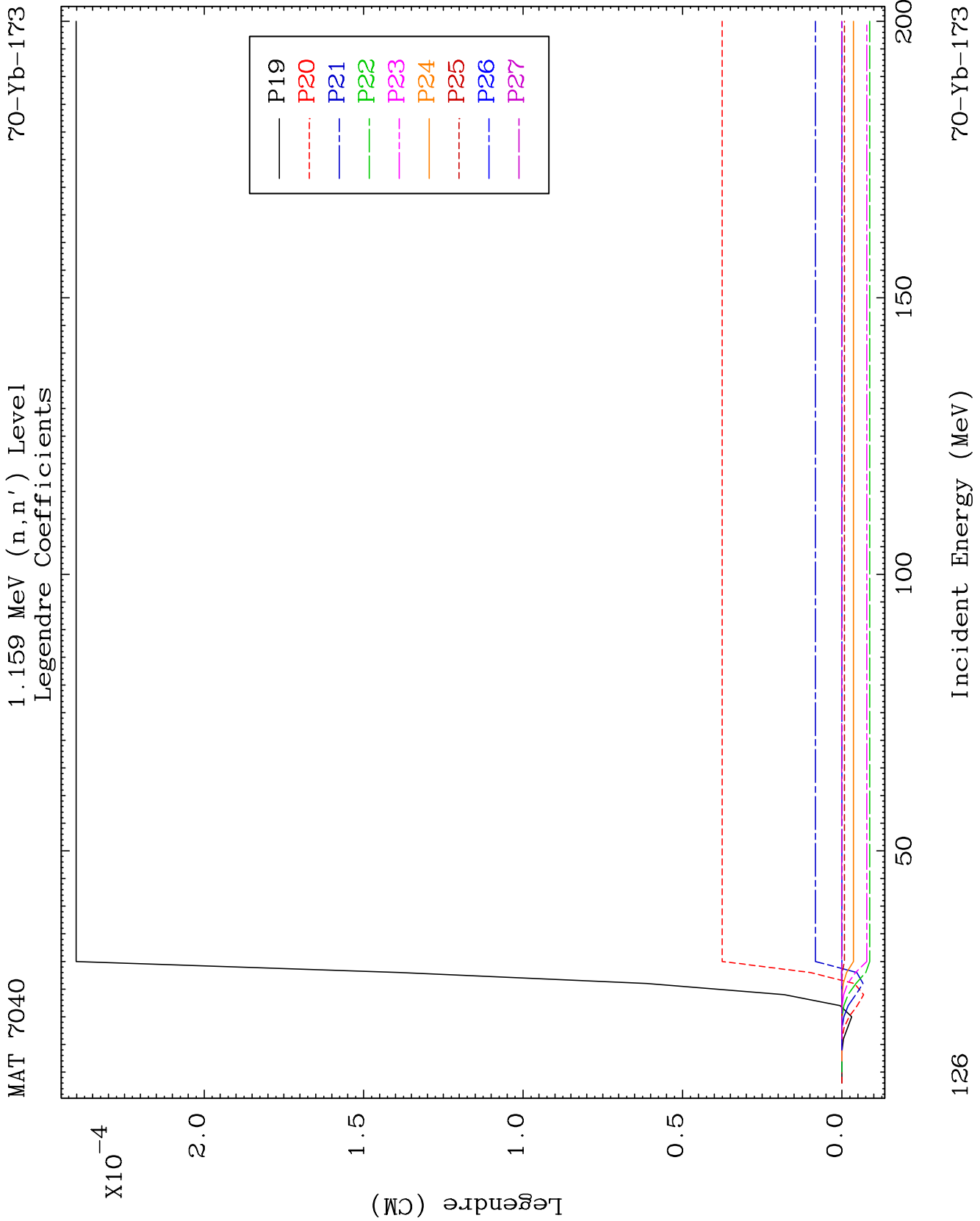


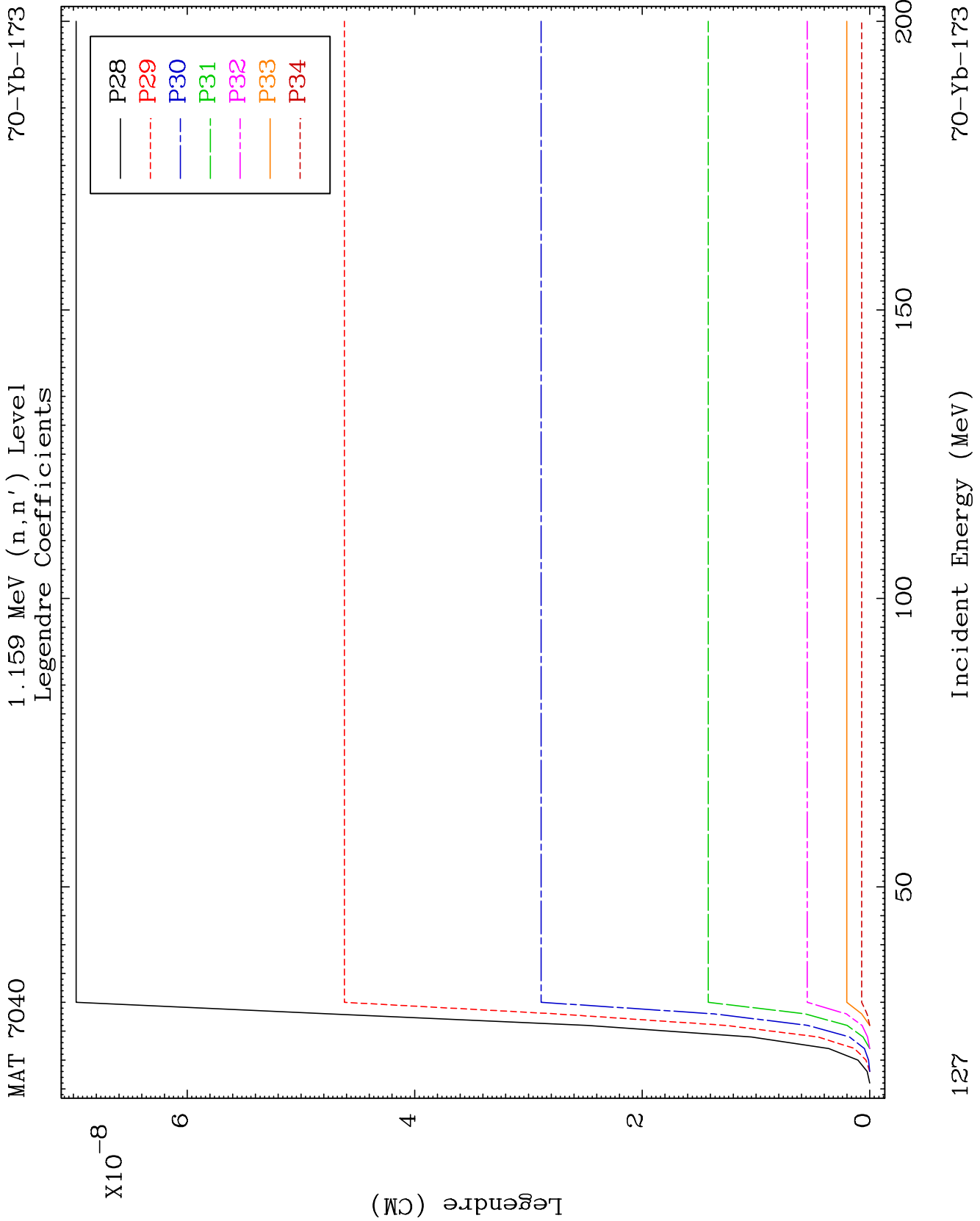










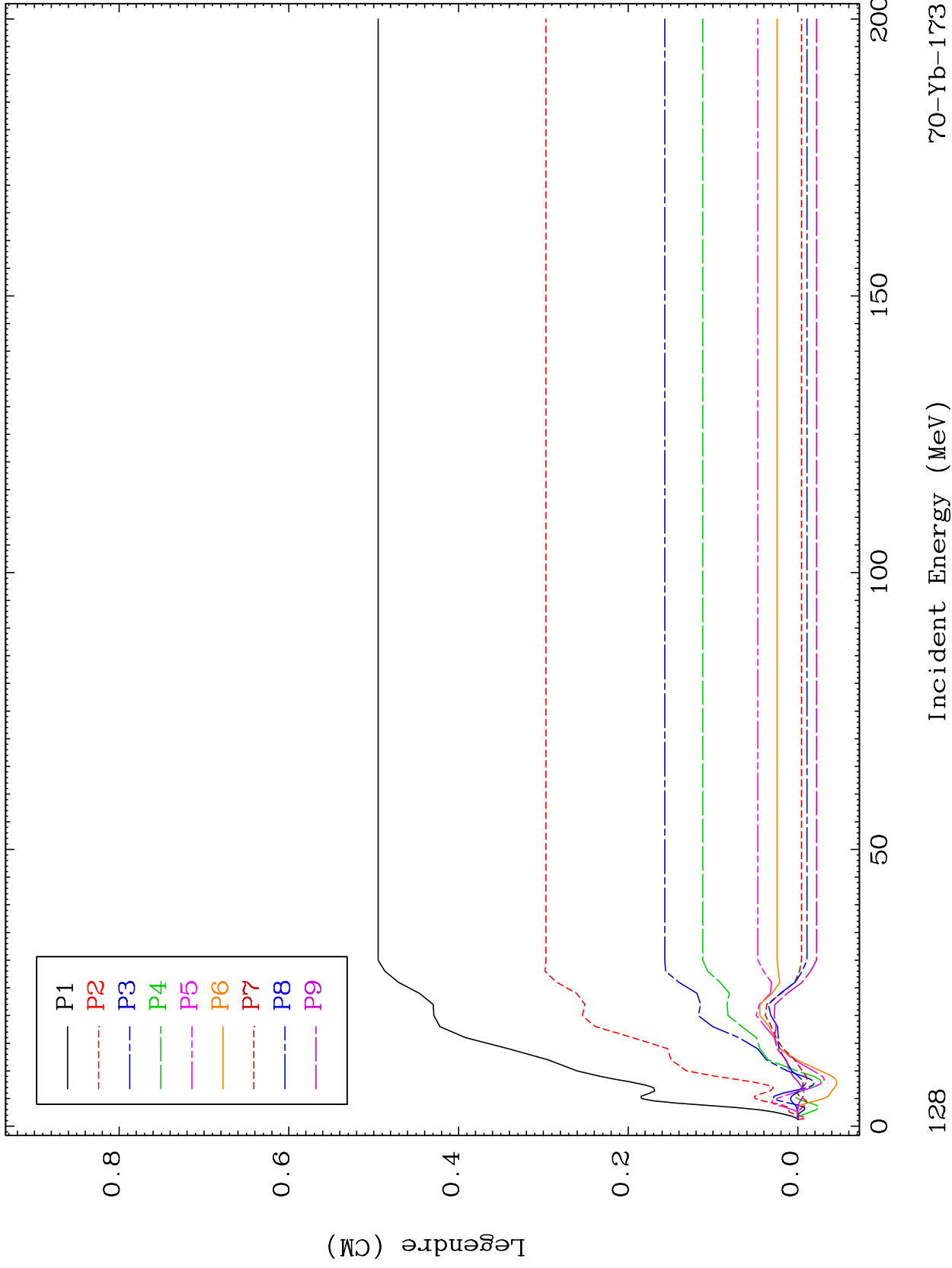




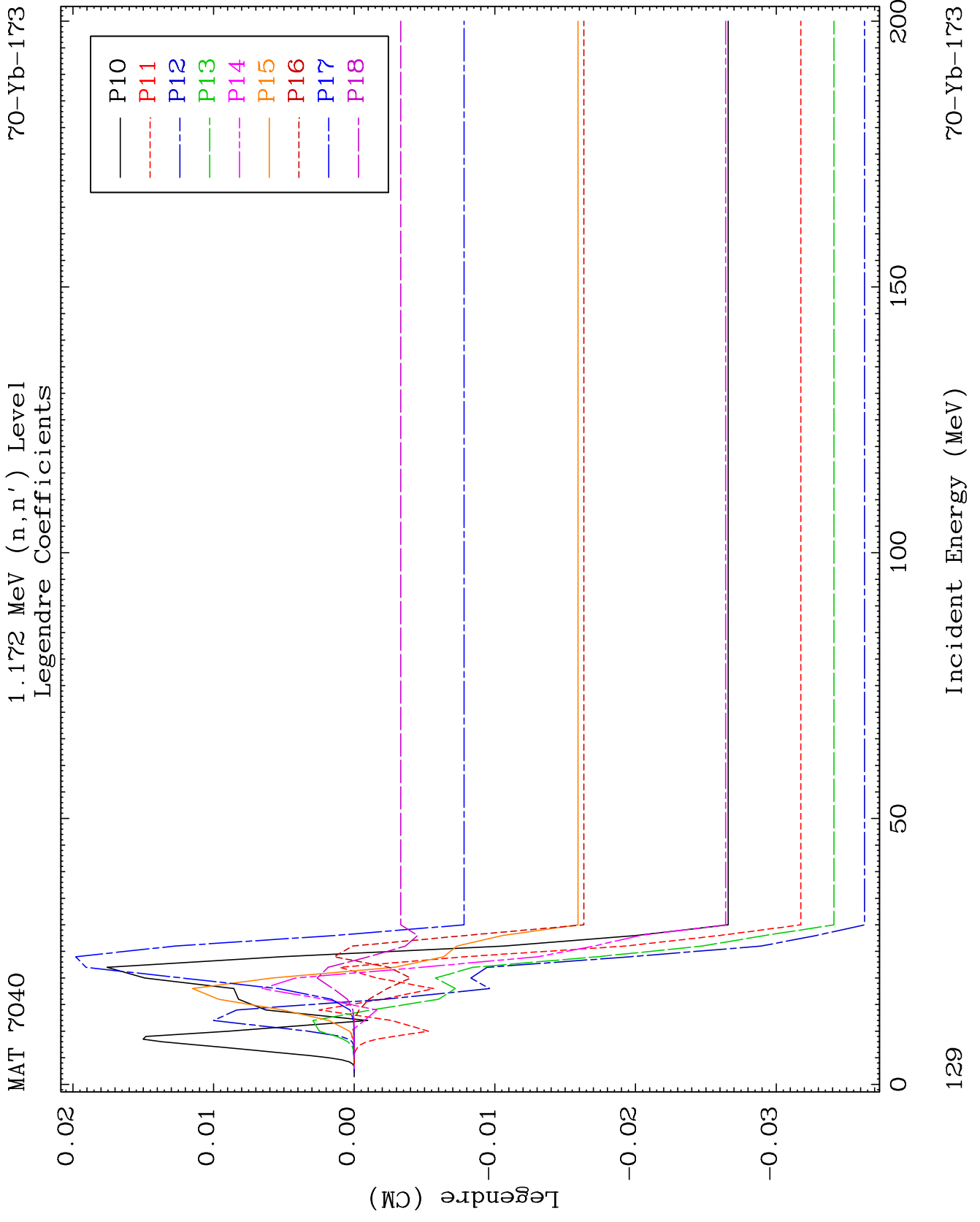
MAT 7040

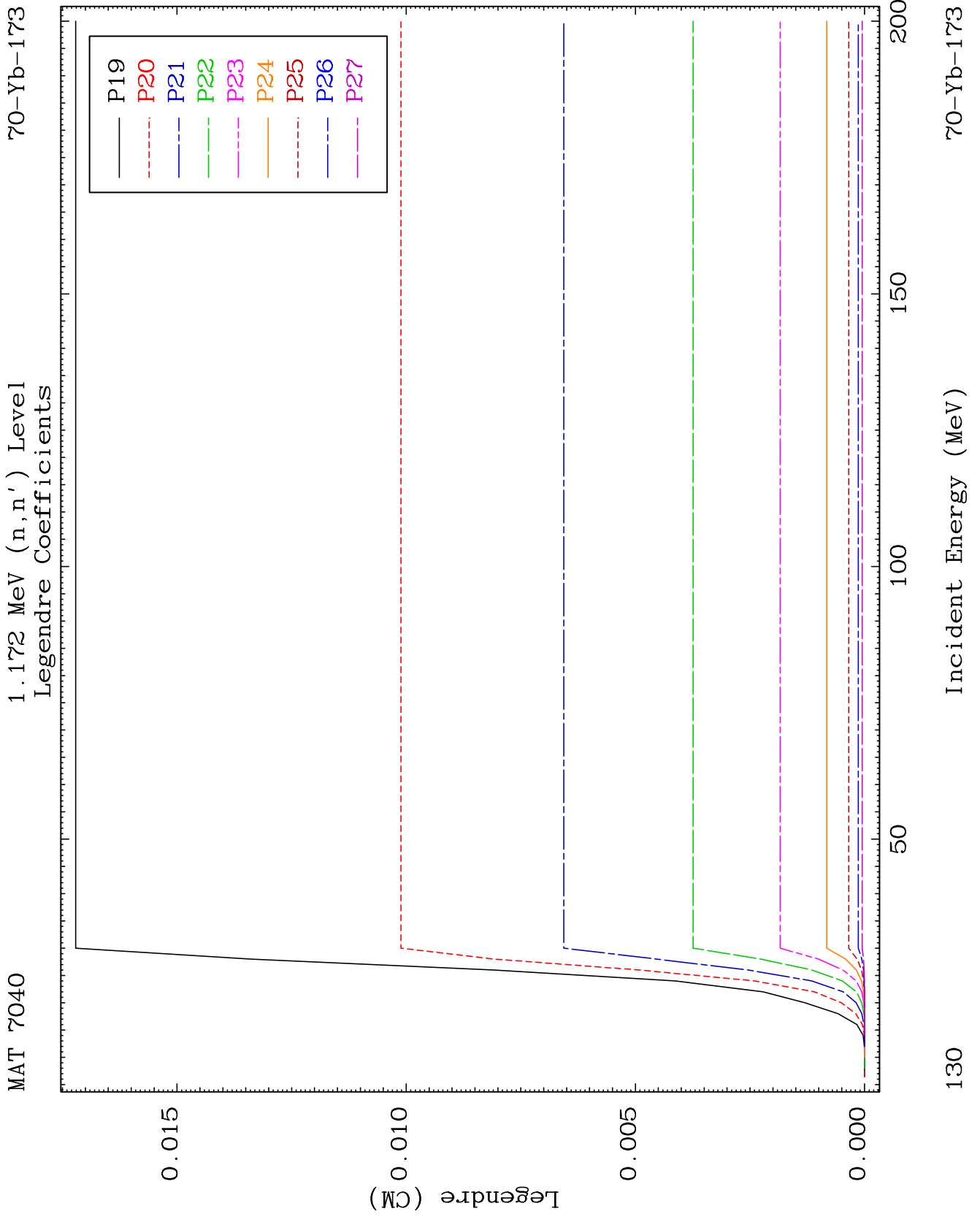
1.172 MeV (n,n') Level  
Legendre Coefficients

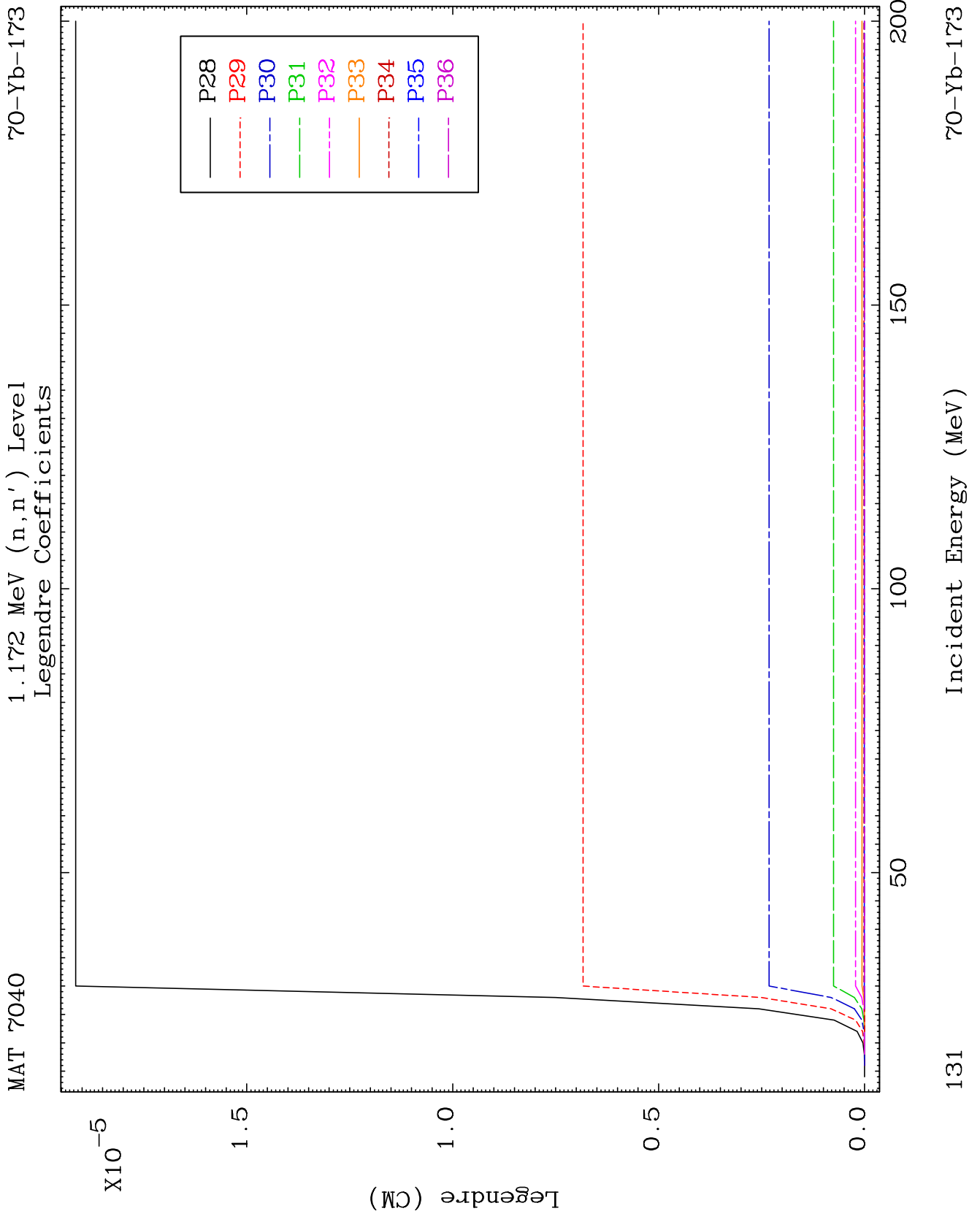
70-Yb-173



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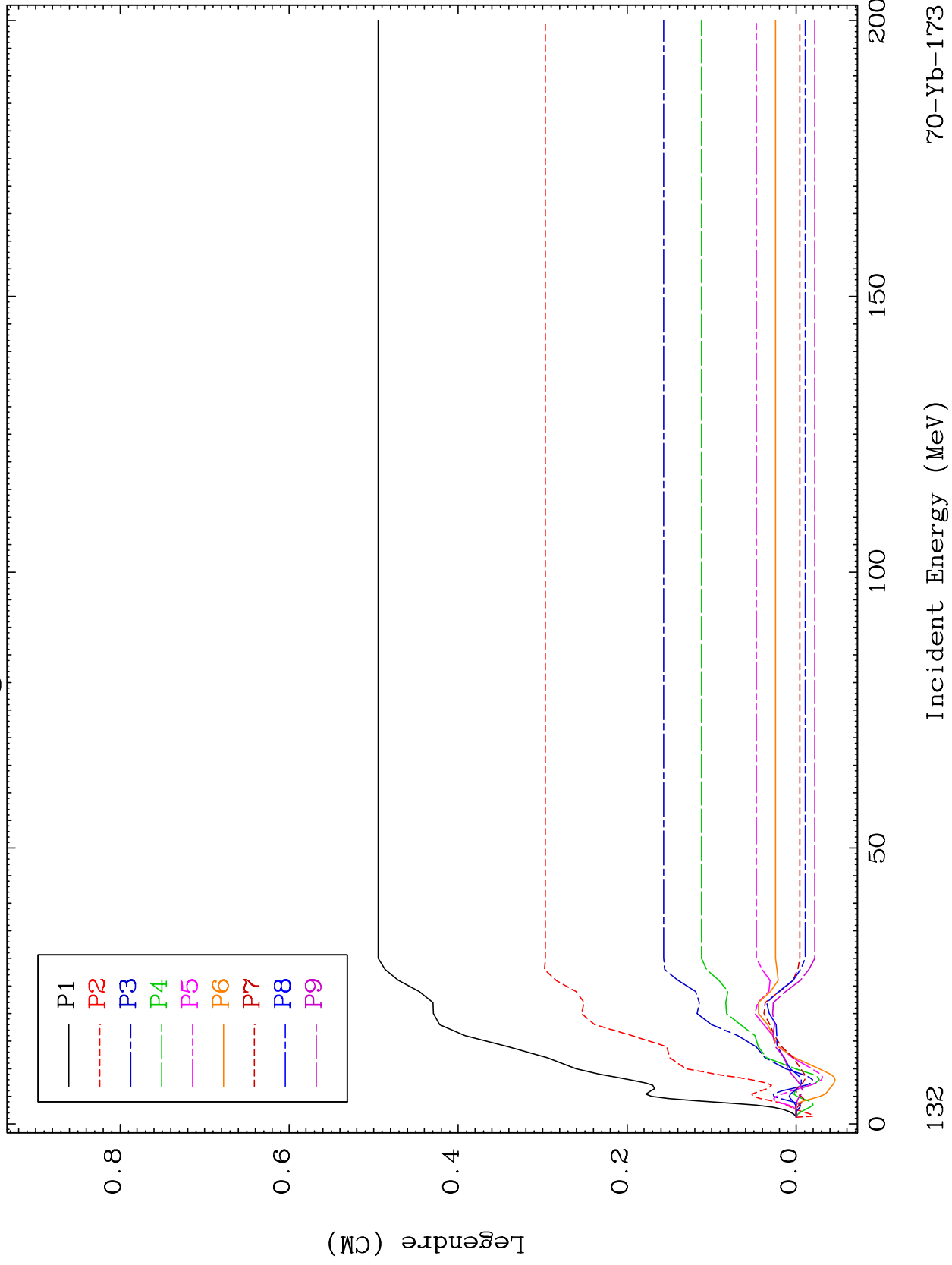


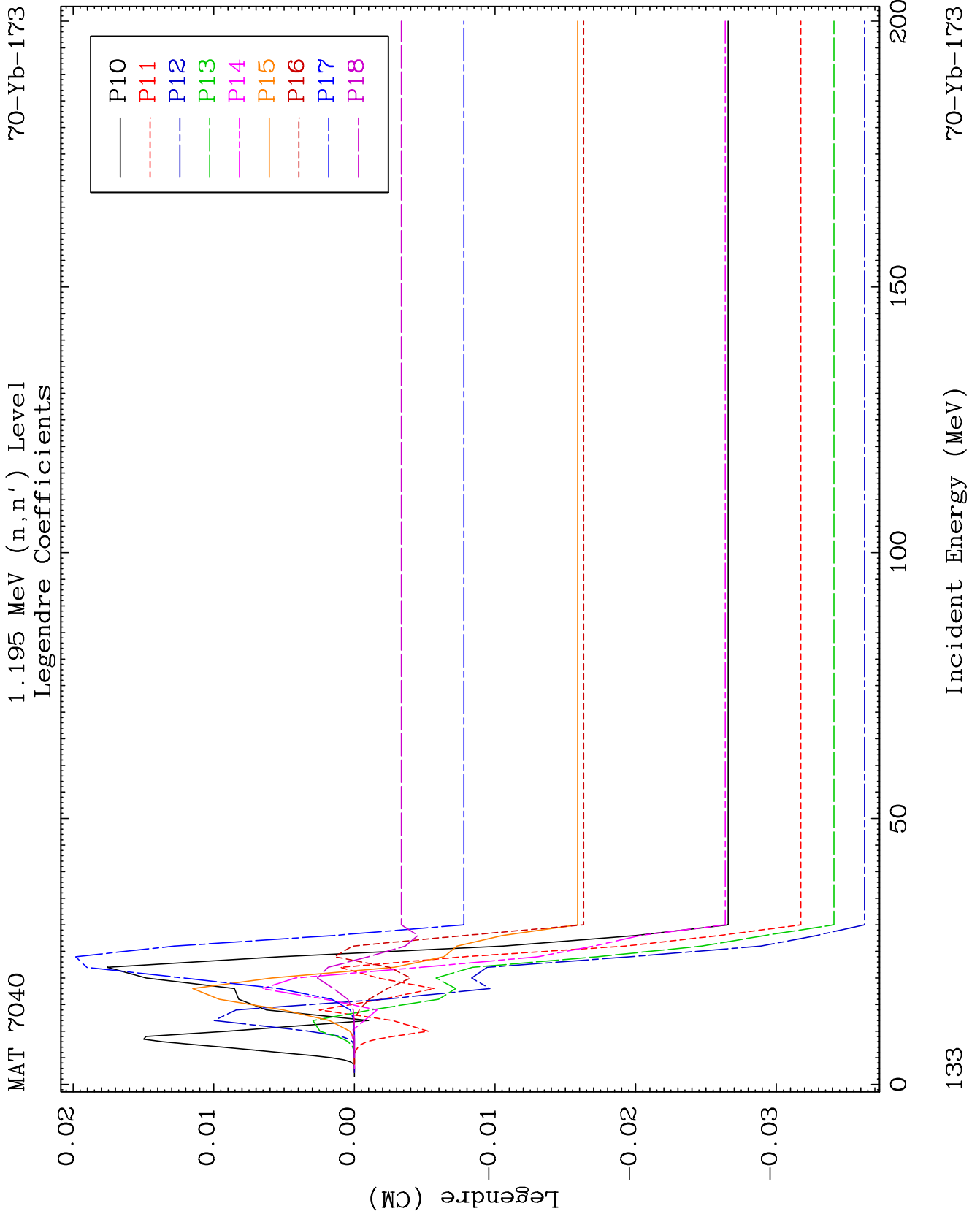


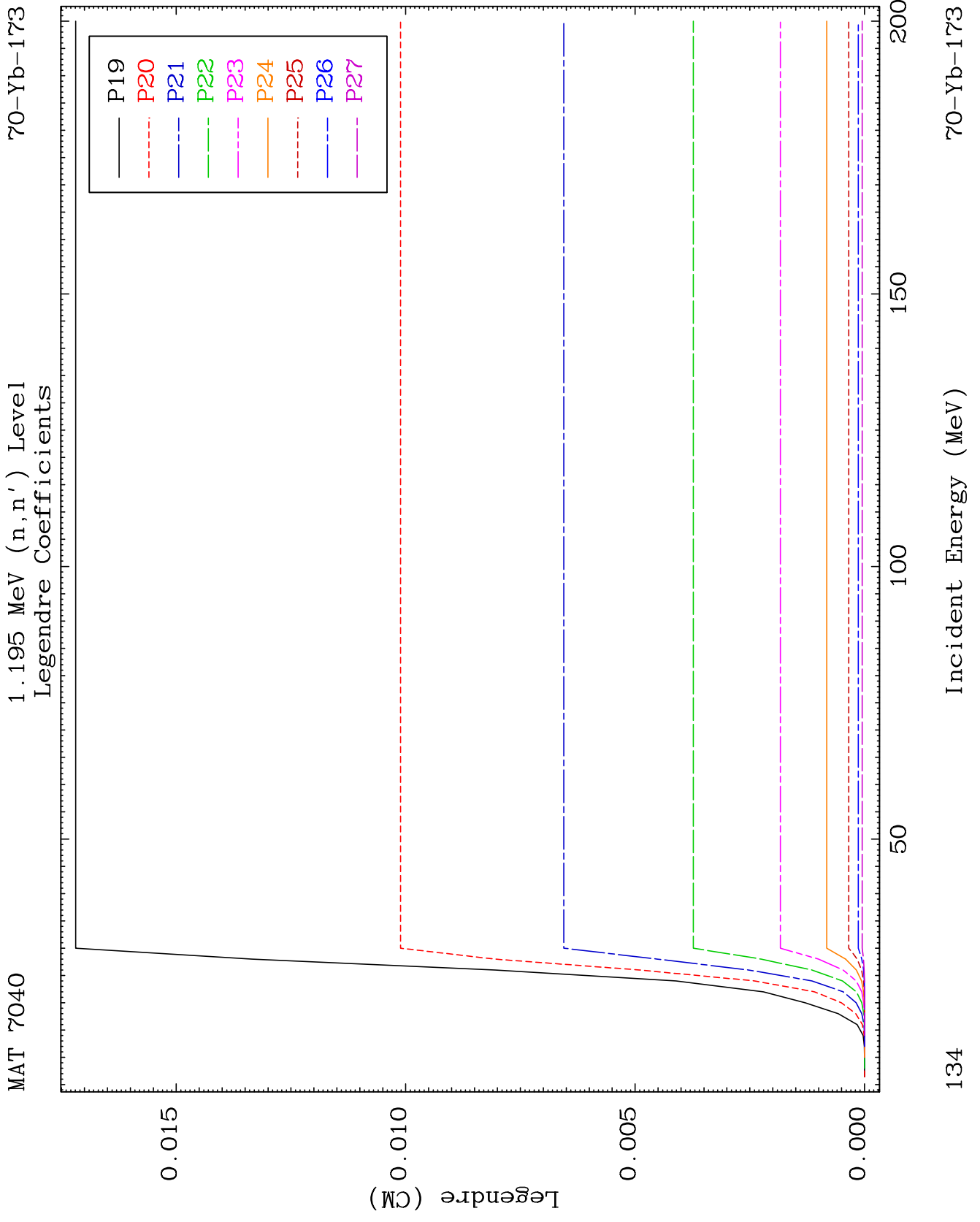
MAT 7040

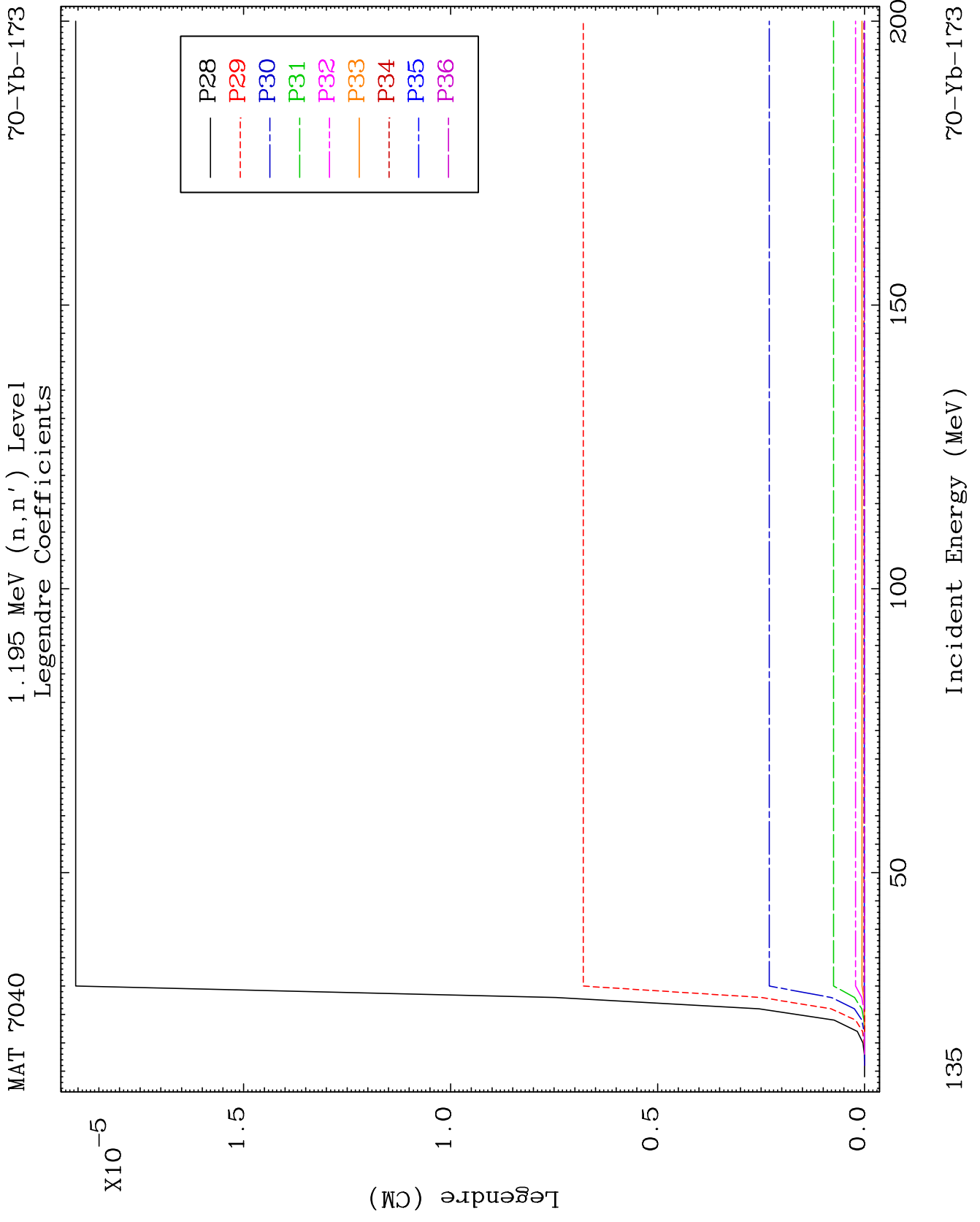
1.195 MeV (n,n') Level  
Legendre Coefficients

70-Yb-173







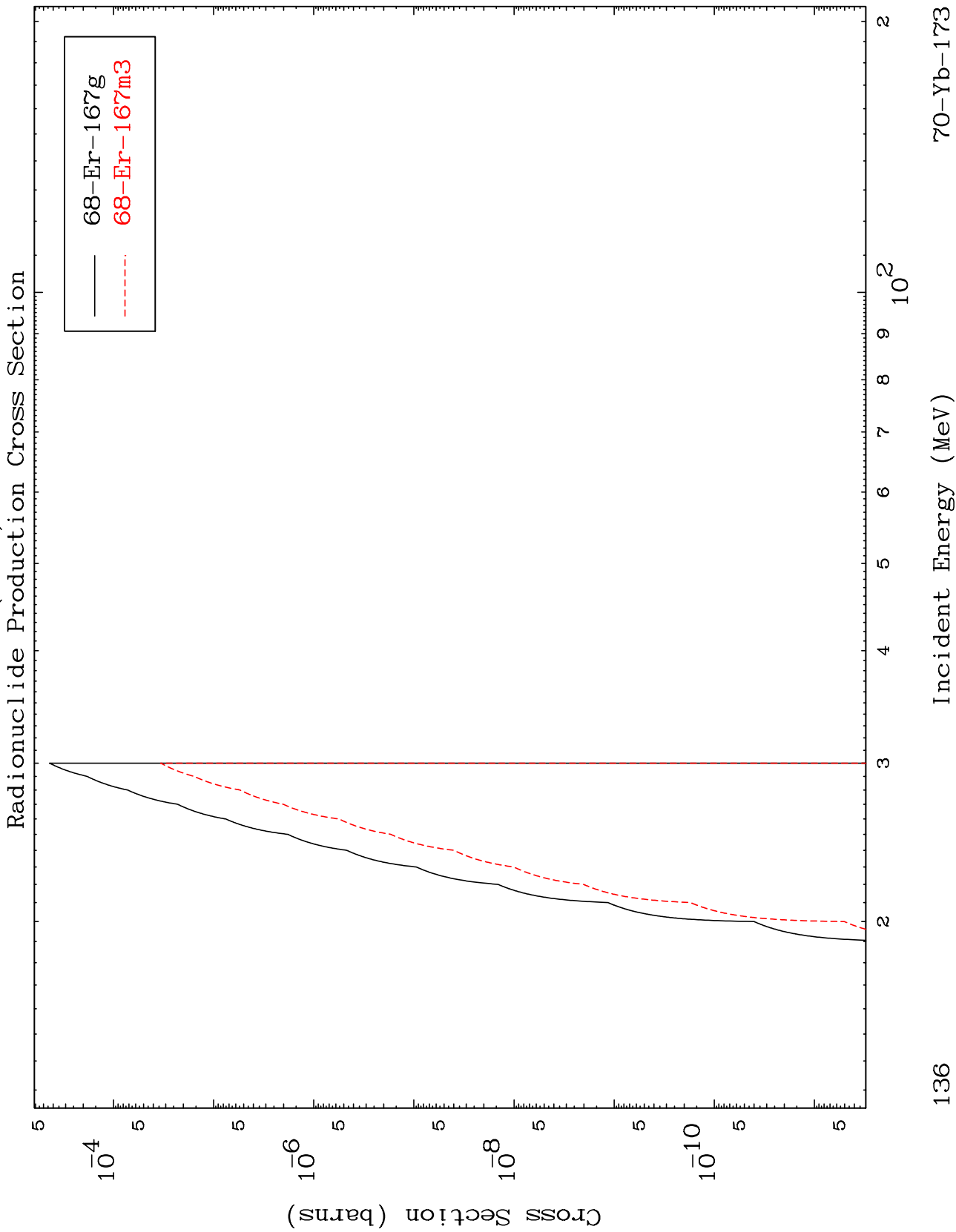




MAT 7040

(n,3n)  $\alpha$

70-Yb-173



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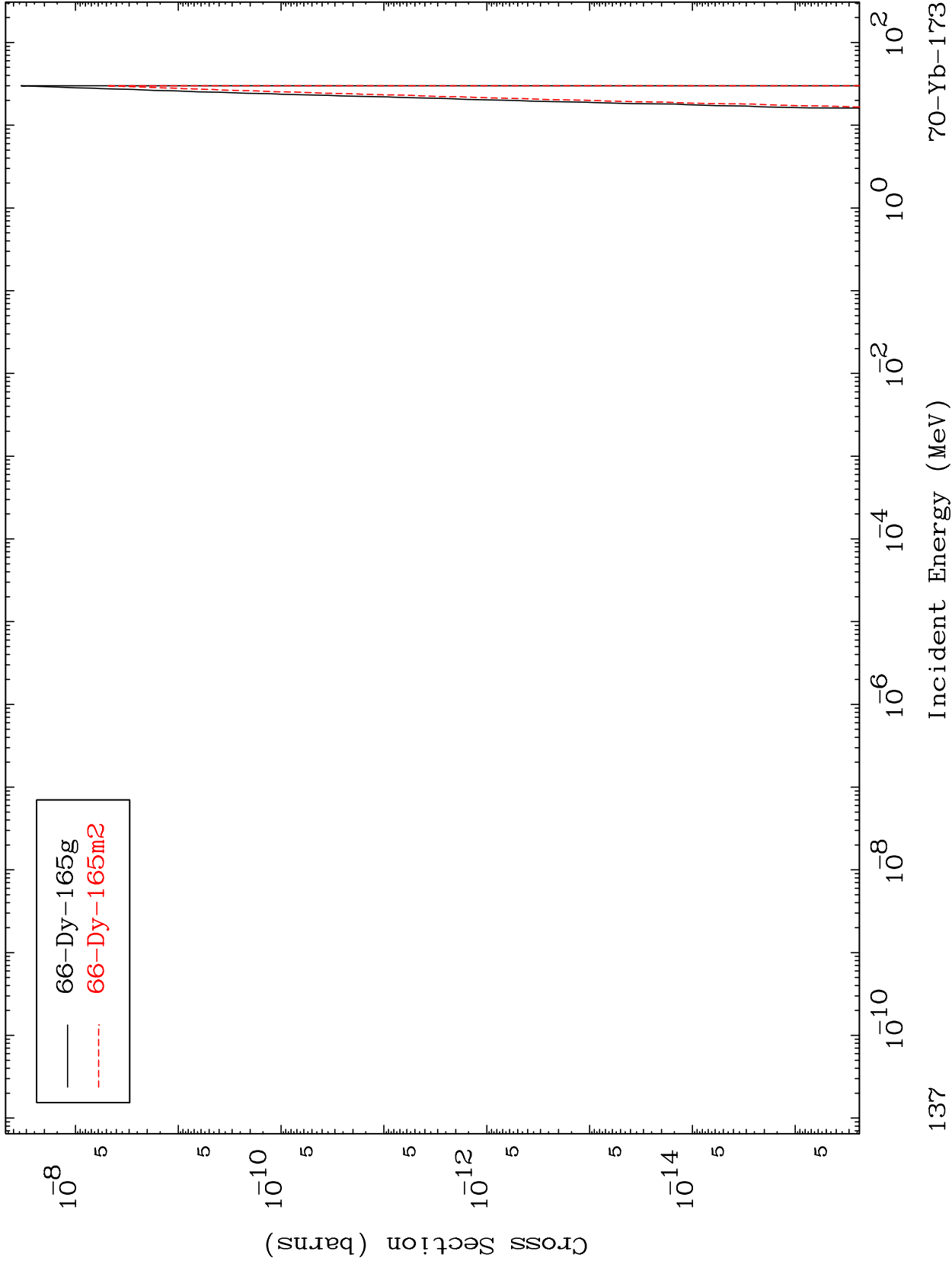
70-Yb-173

MAT 7040

(n,n') 2 $\alpha$

70-Yb-173

Radionuclide Production Cross Section



137

Incident Energy (MeV)

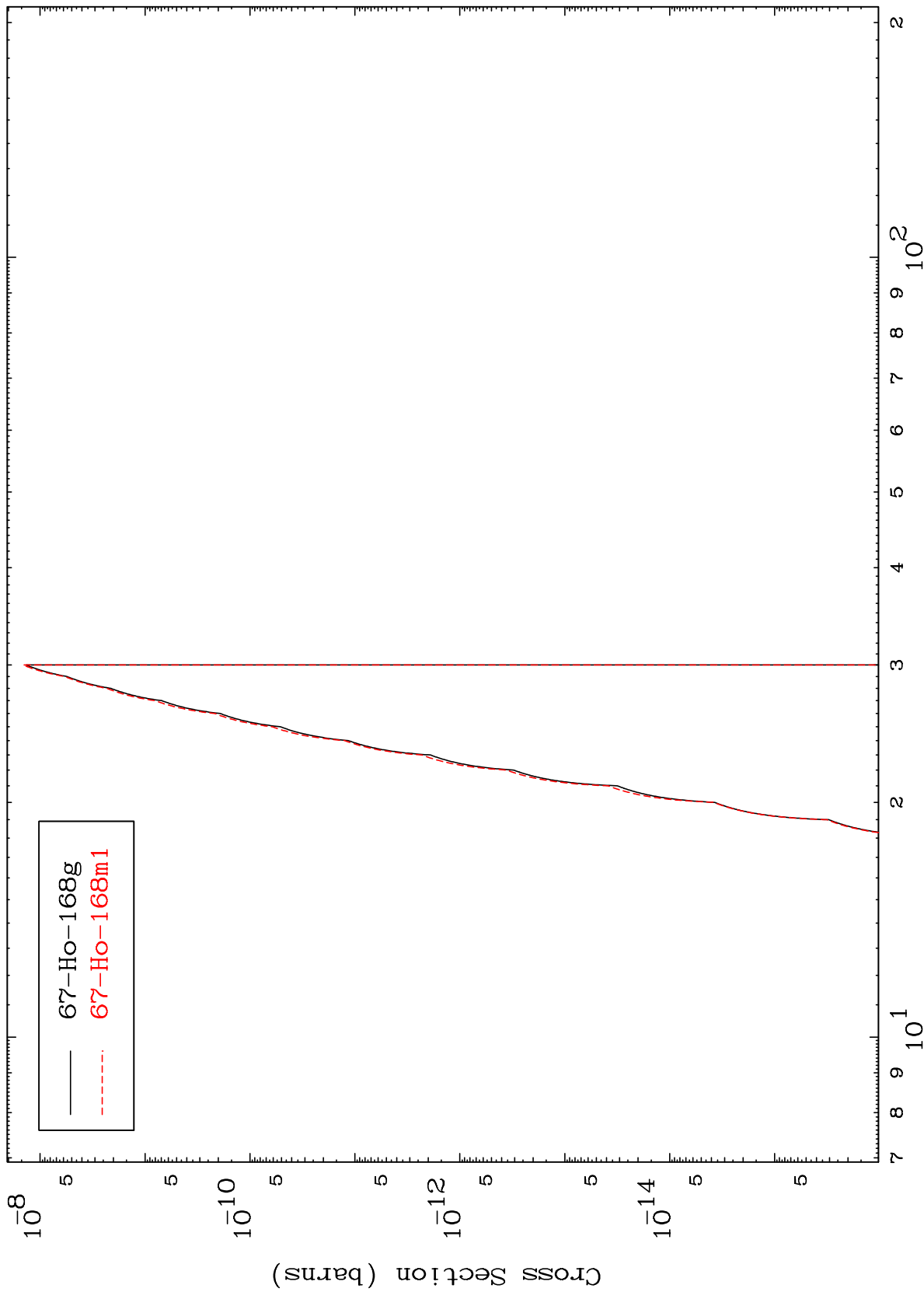
70-Yb-173

MAT 7040

70-Yb-173

(n,n') p  $\alpha$

Radionuclide Production Cross Section



— 67-Ho-168g  
- - - 67-Ho-168m1

70-Yb-173

Incident Energy (MeV)

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