

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

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

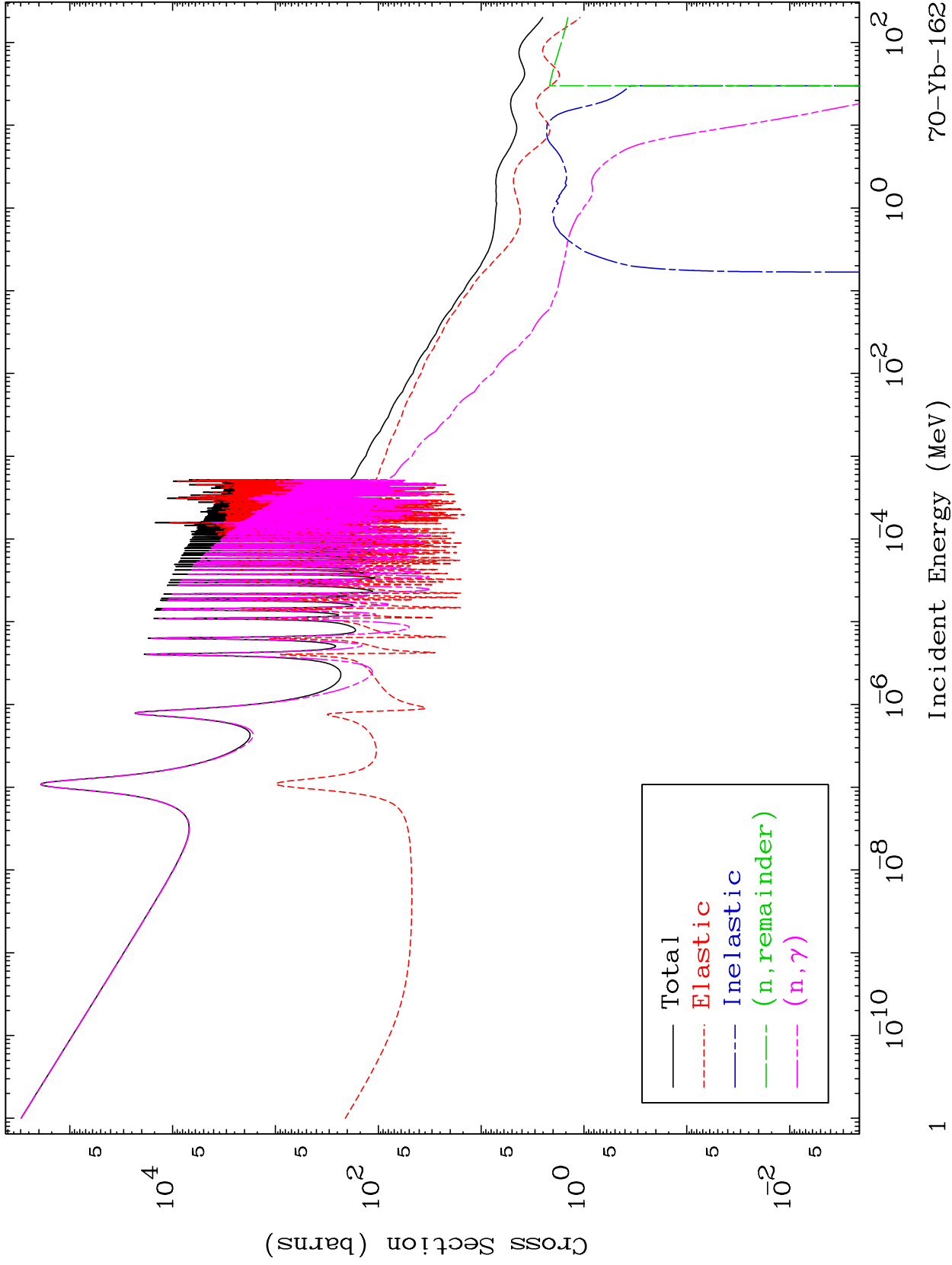
Press Mouse Button to Start

MAT 7007

Major

293 Kelvin Cross Sections

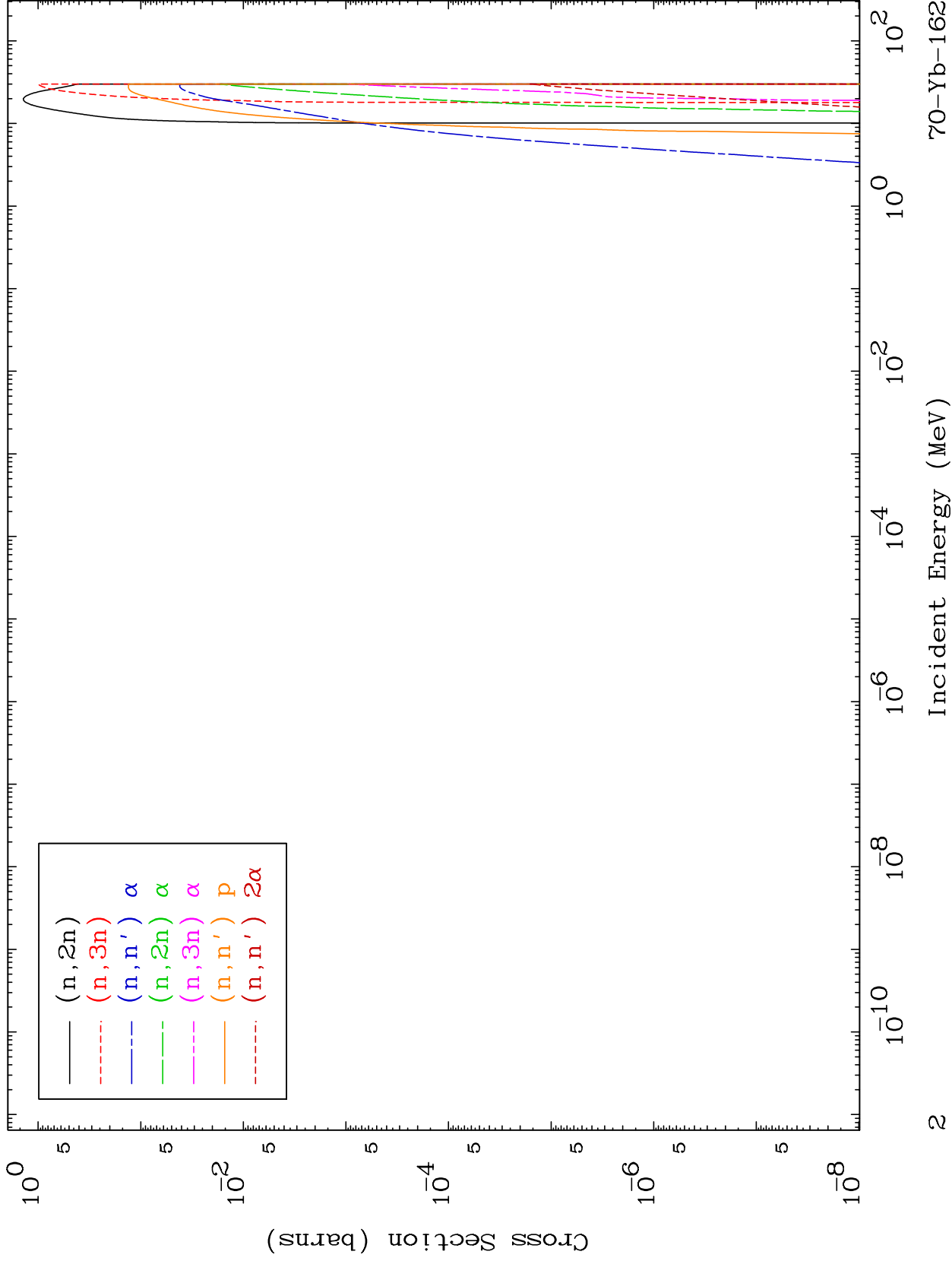
70-Yb-162

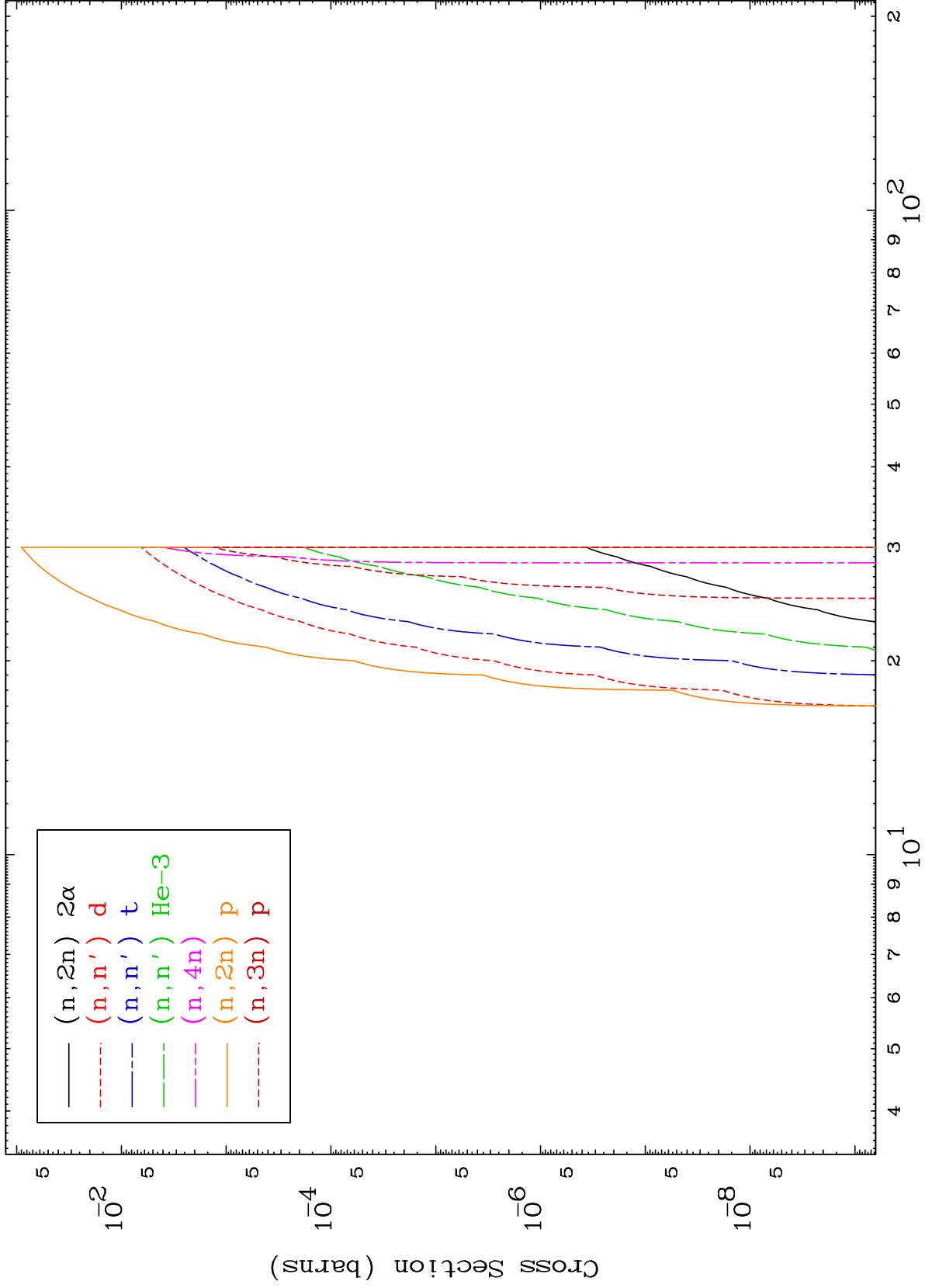


MAT 7007

Neutron Production  
293 Kelvin Cross Sections

70-Yb-162

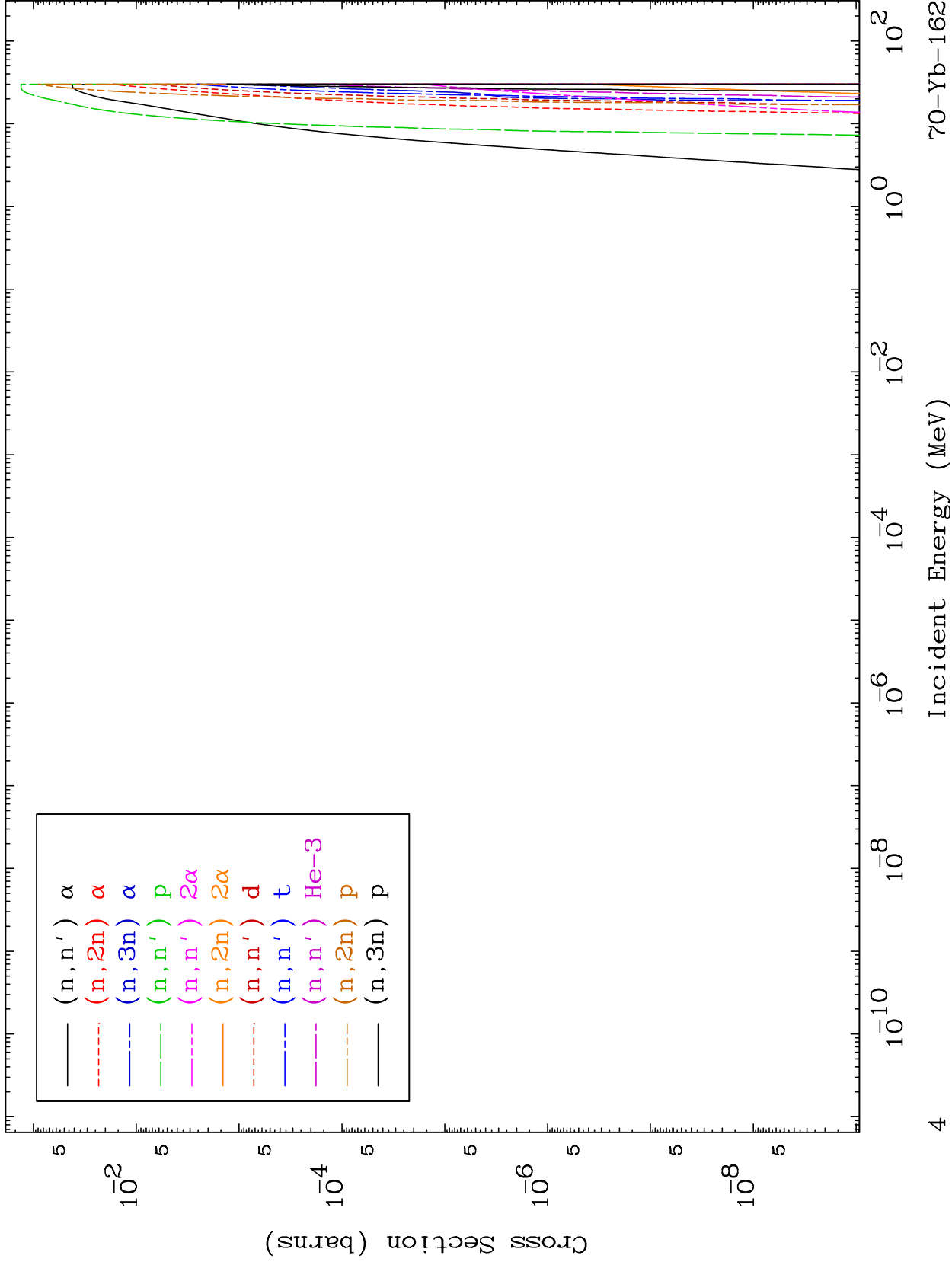




MAT 7007

Charged Particle  
293 Kelvin Cross Sections

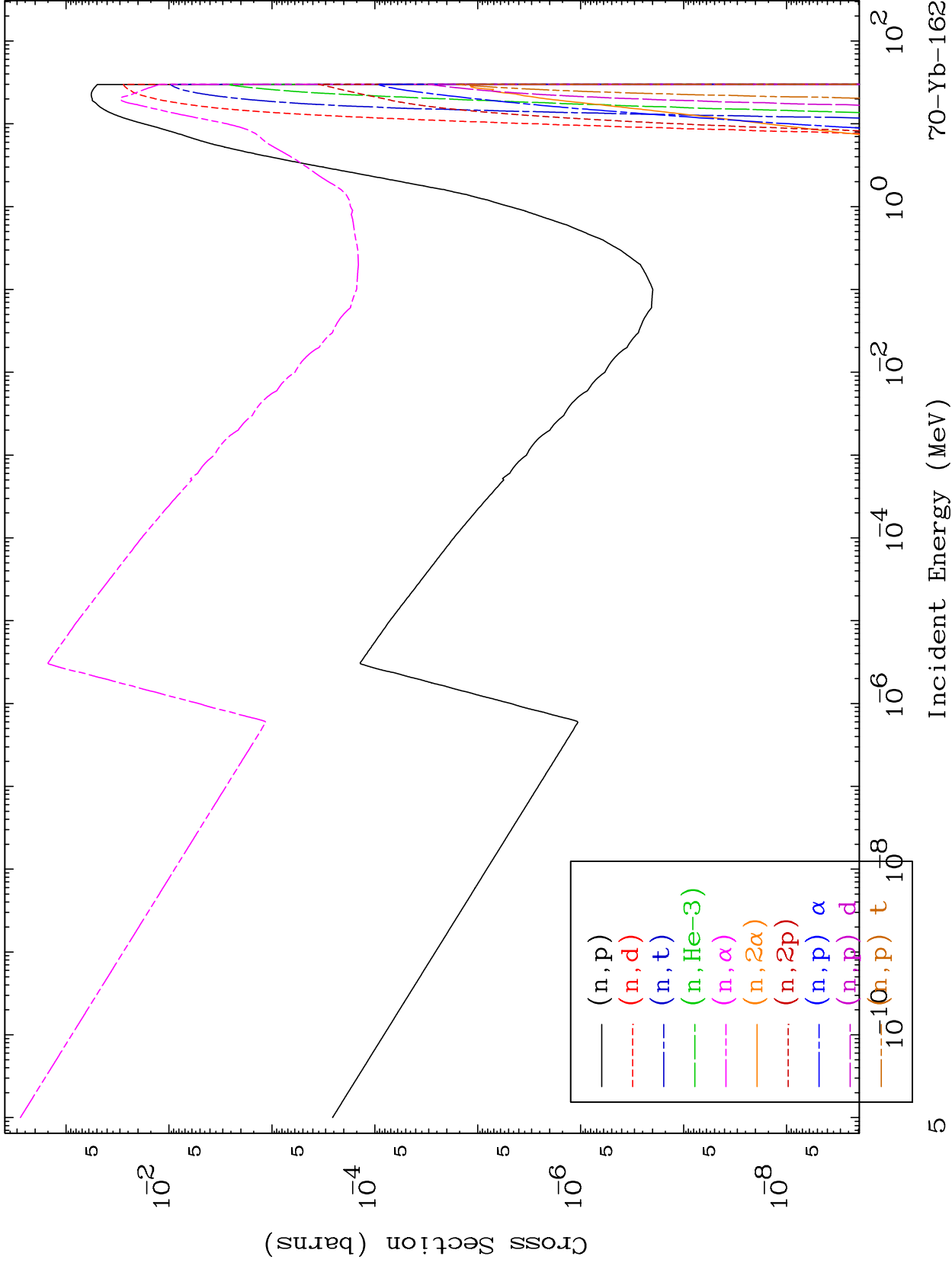
70-Yb-162

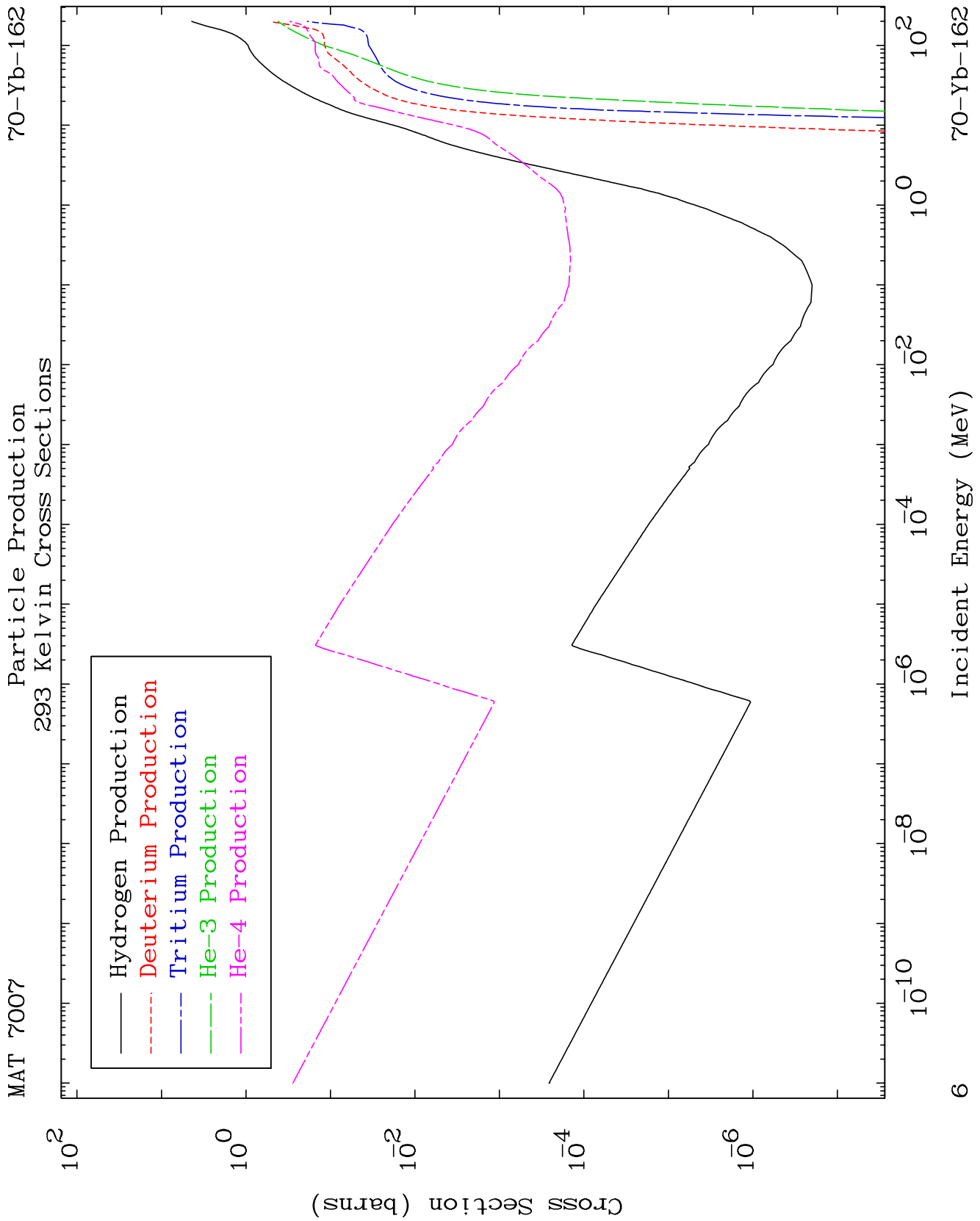


MAT 7007

Charged Particle  
293 Kelvin Cross Sections

70-Yb-162



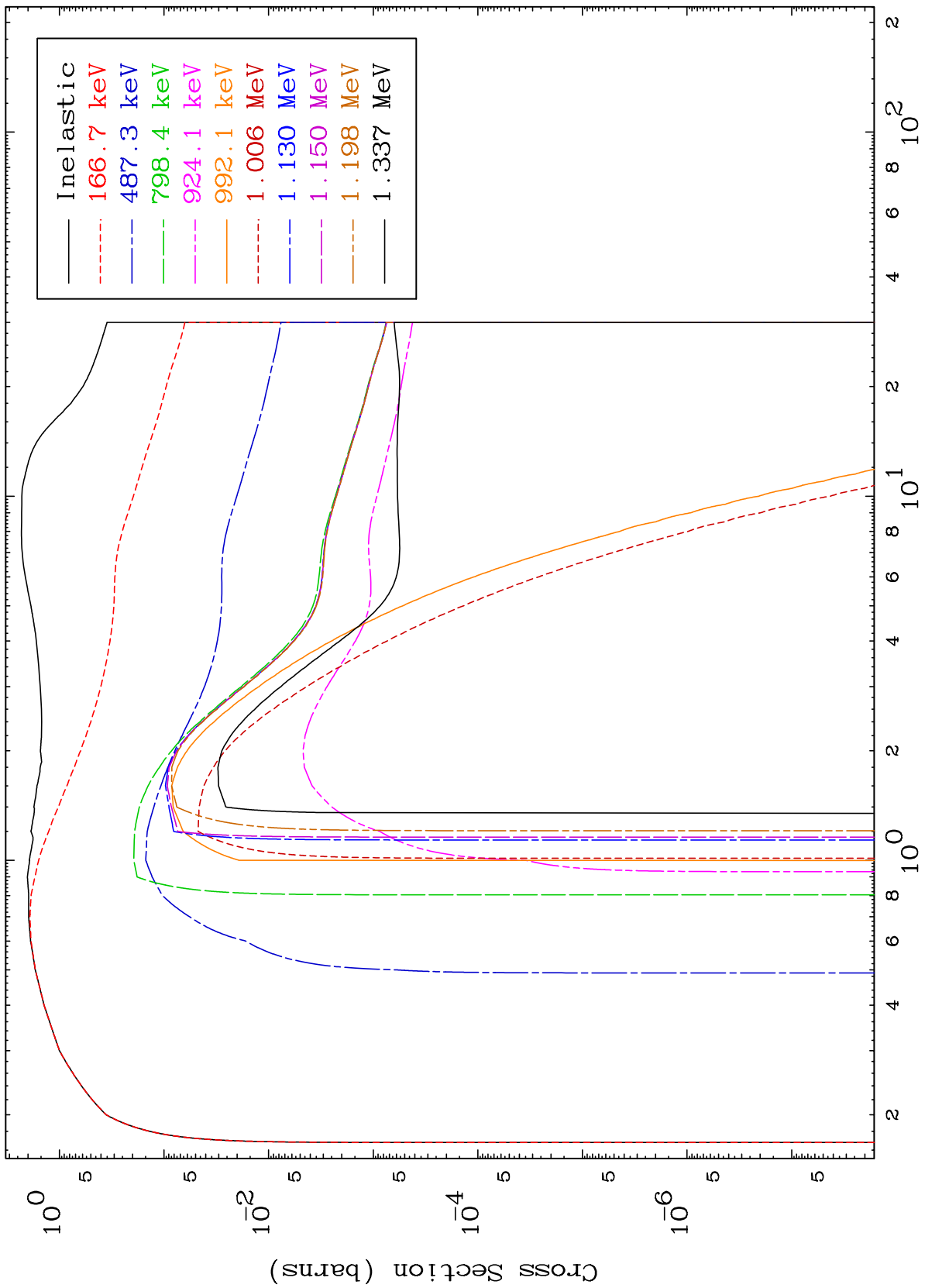


MAT 7007

(n,n') Level

70-Yb-162

293 Kelvin Cross Sections

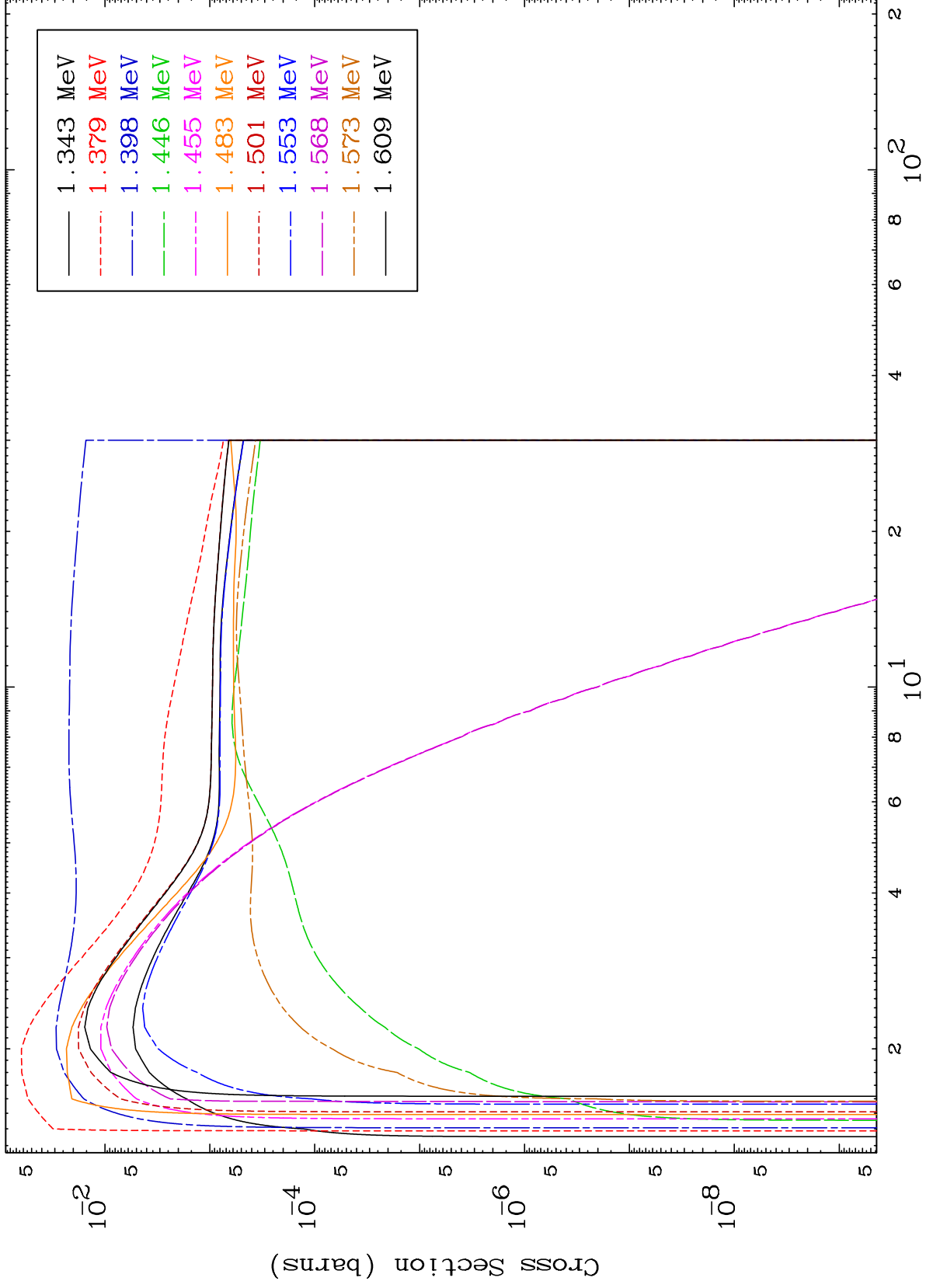




MAT 7007

(n,n') Level  
293 Kelvin Cross Sections

70-Yb-162



8

Incident Energy (MeV)

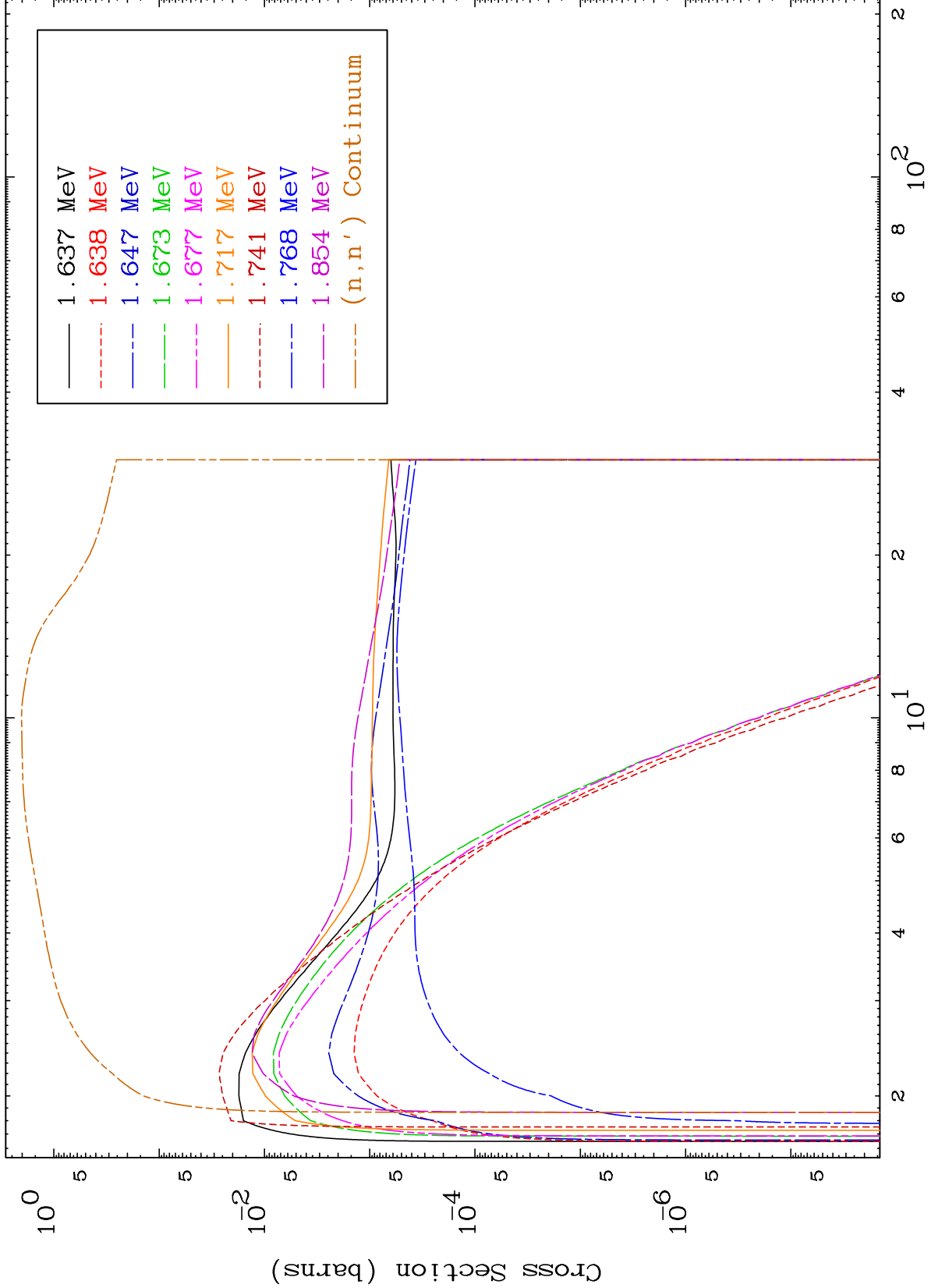
70-Yb-162

MAT 7007

(n,n') Level

70-Yb-162

293 Kelvin Cross Sections



9

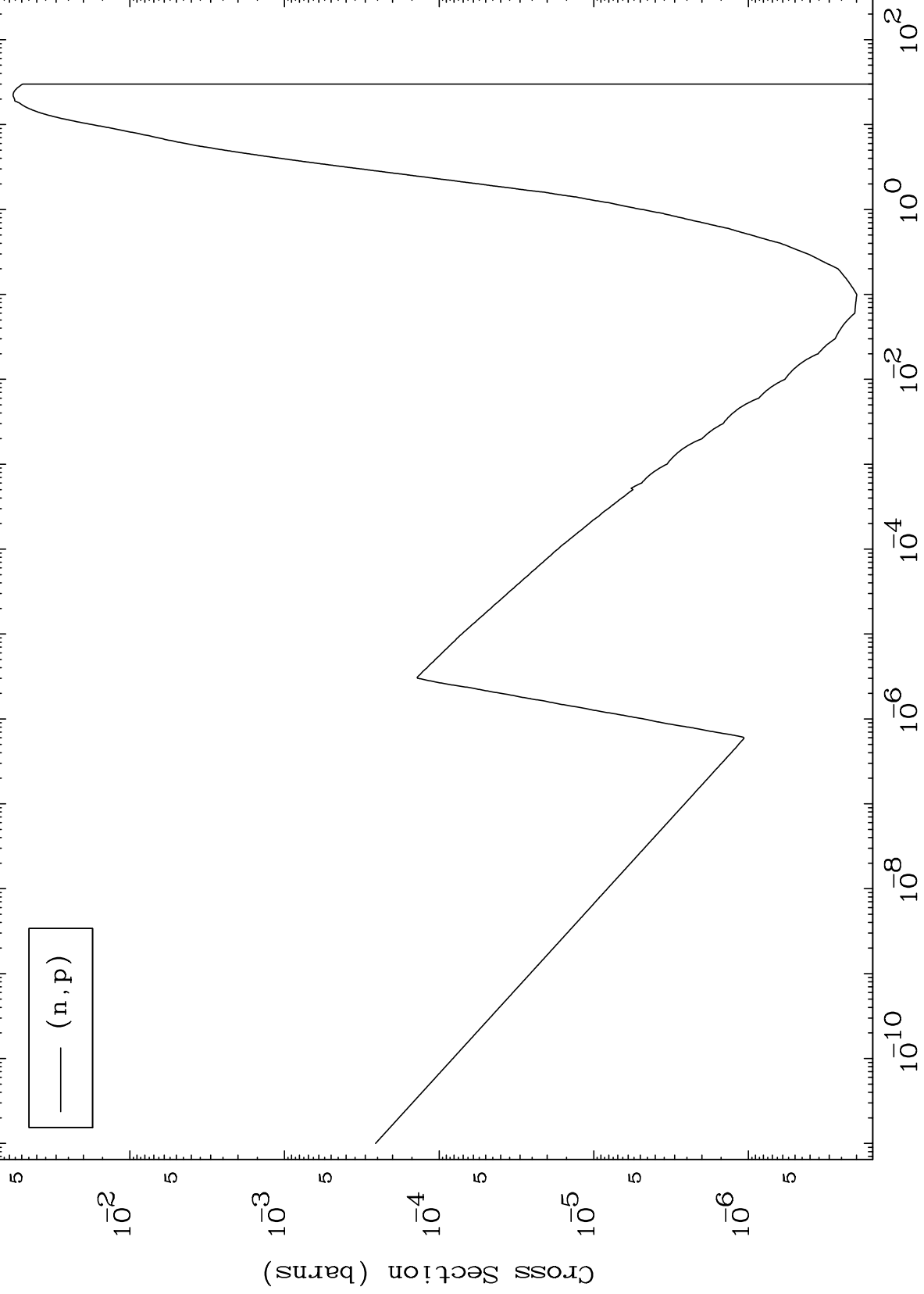
Incident Energy (MeV)

70-Yb-162

MAT 7007

(n,p) Levels  
293 Kelvin Cross Sections

70-Yb-162



10

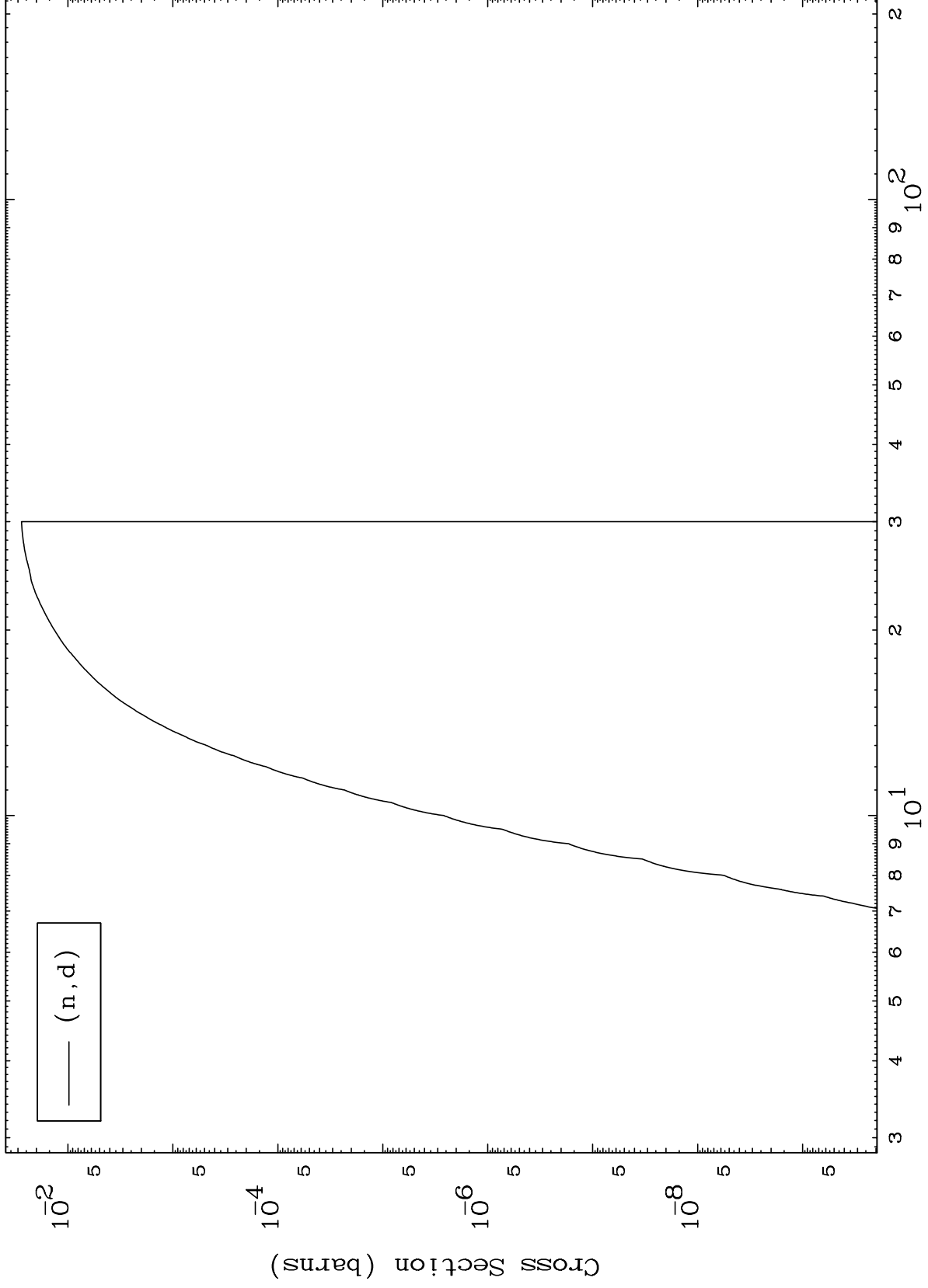
Incident Energy (MeV)

70-Yb-162

MAT 7007

(n,d) Levels  
293 Kelvin Cross Sections

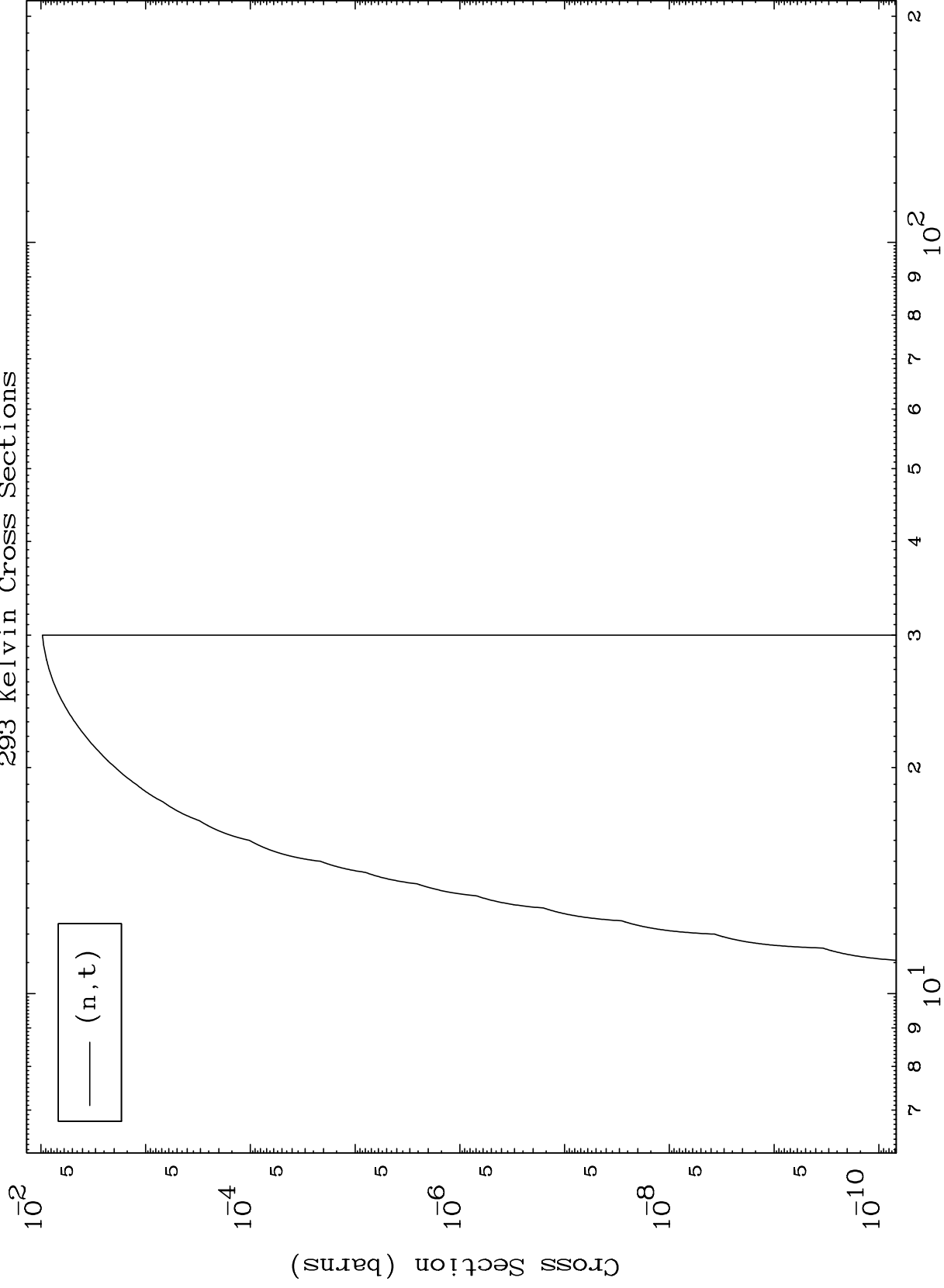
70-Yb-162



MAT 7007

(n,t) Levels  
293 Kelvin Cross Sections

70-Yb-162



12

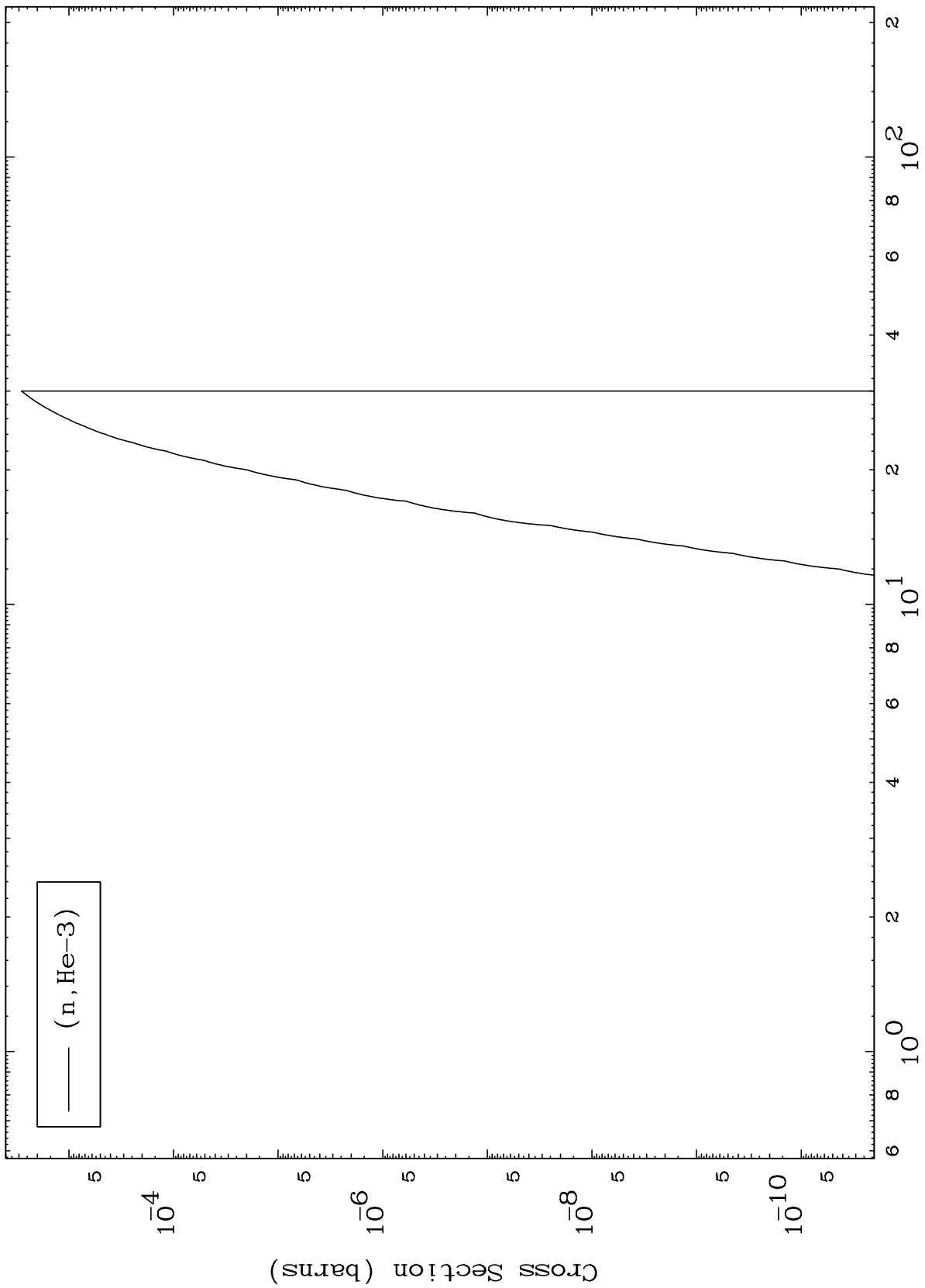
Incident Energy (MeV)

70-Yb-162

MAT 7007

(n,He3) Levels  
293 Kelvin Cross Sections

70-Yb-162



13

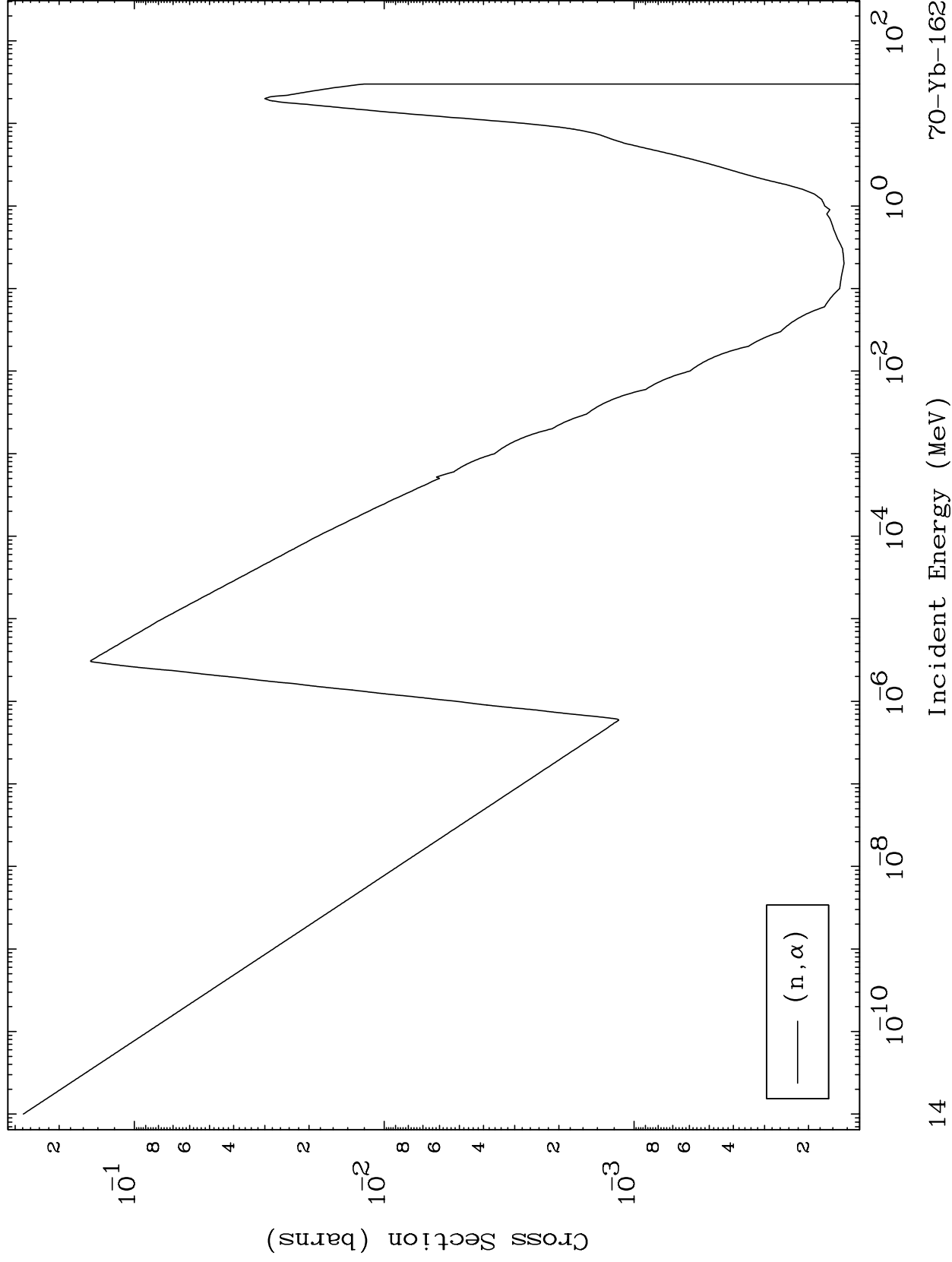
Incident Energy (MeV)

70-Yb-162

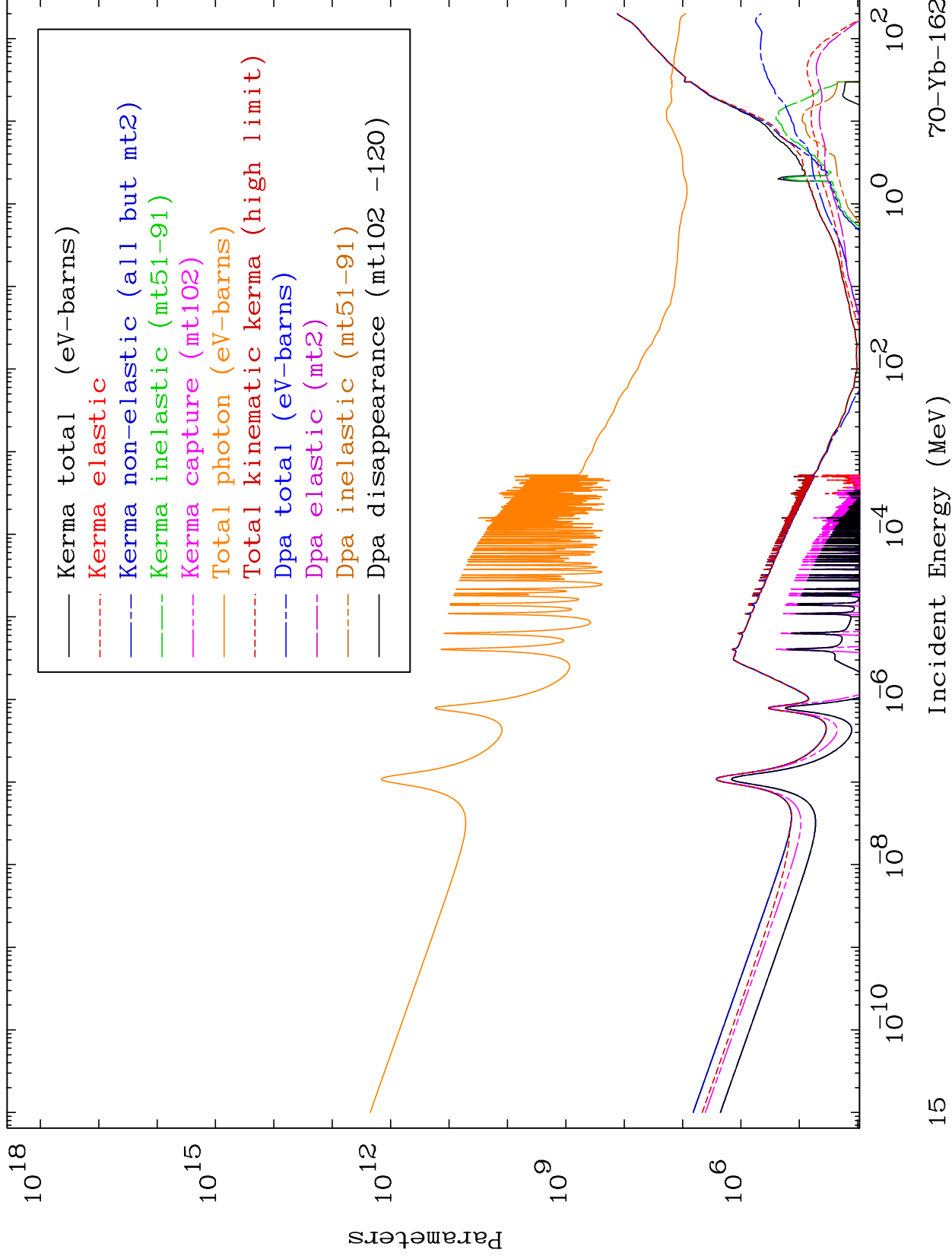
MAT 7007

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

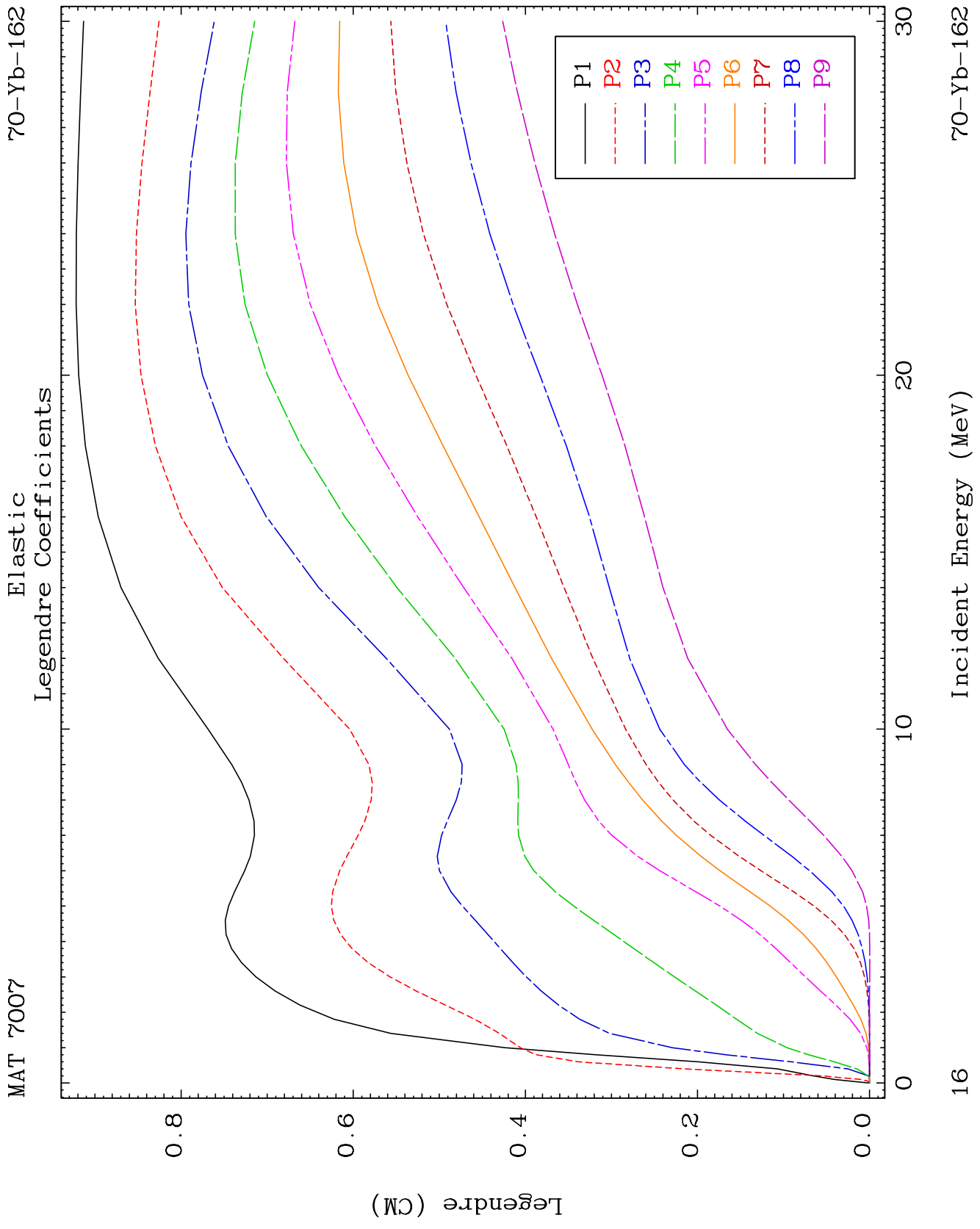
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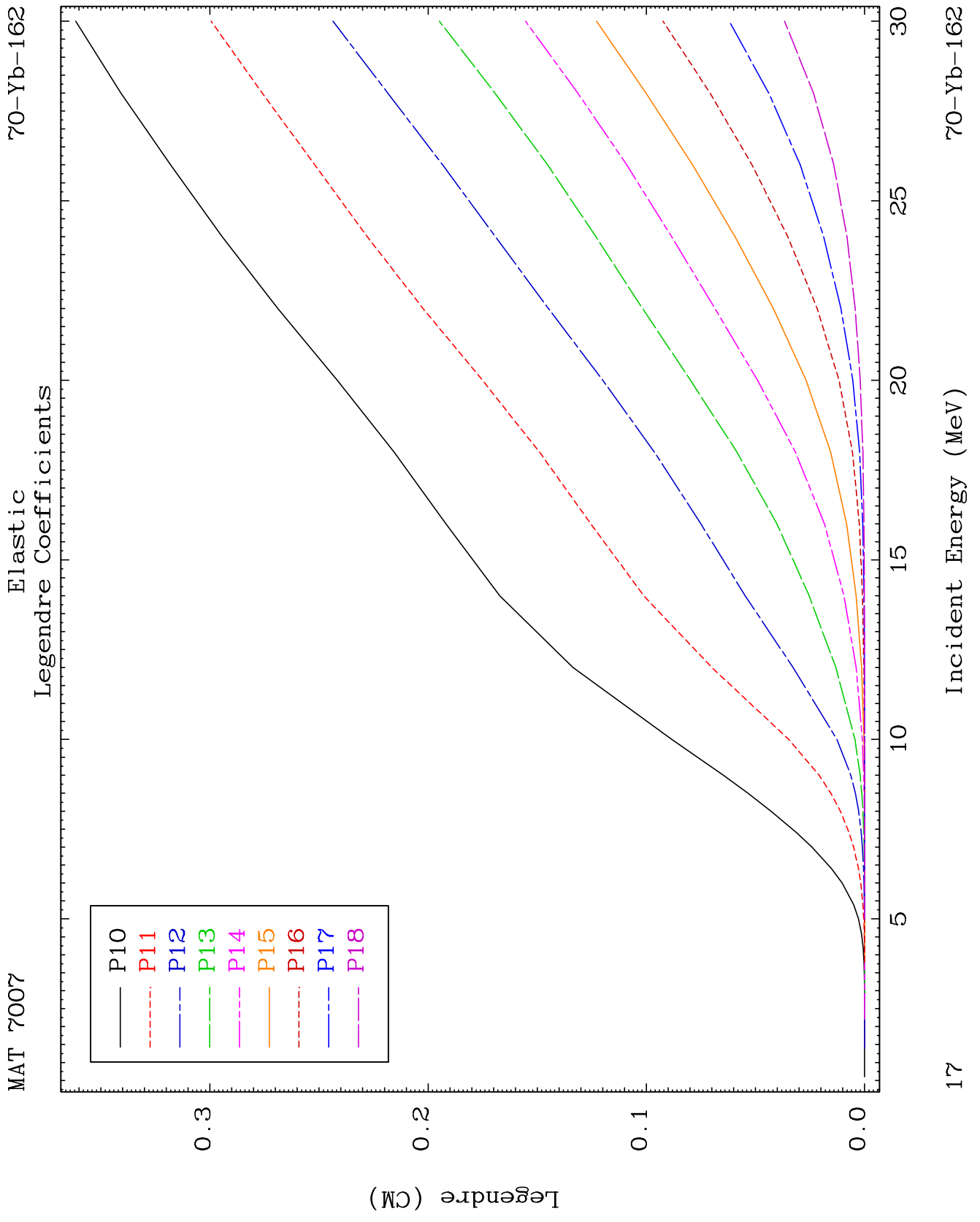


14





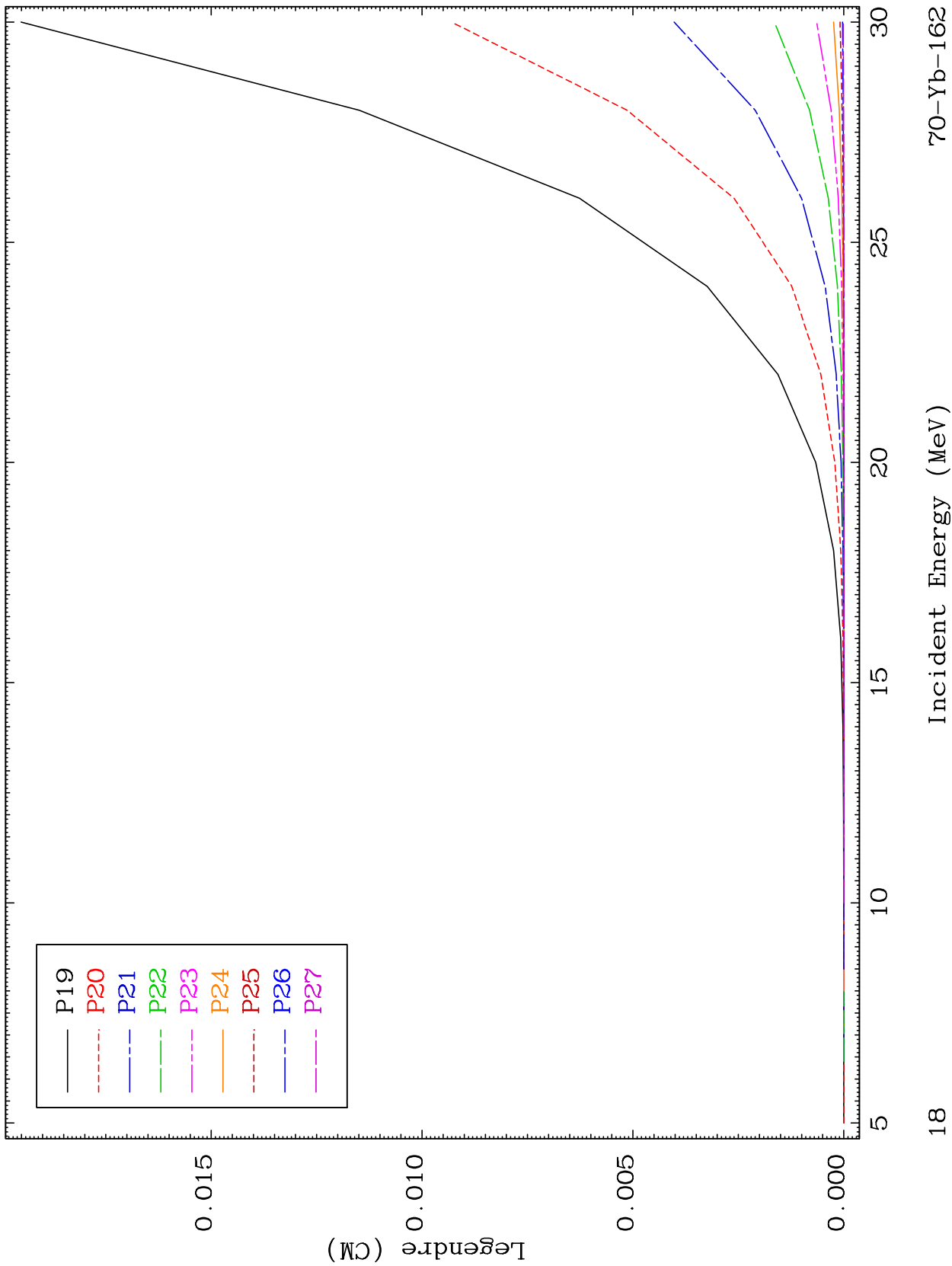




MAT 7007

Elastic Legendre Coefficients

70-Yb-162

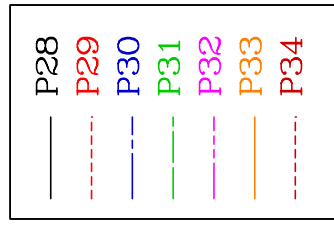


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 7007

Elastic  
Legendre Coefficients

70-Yb-162

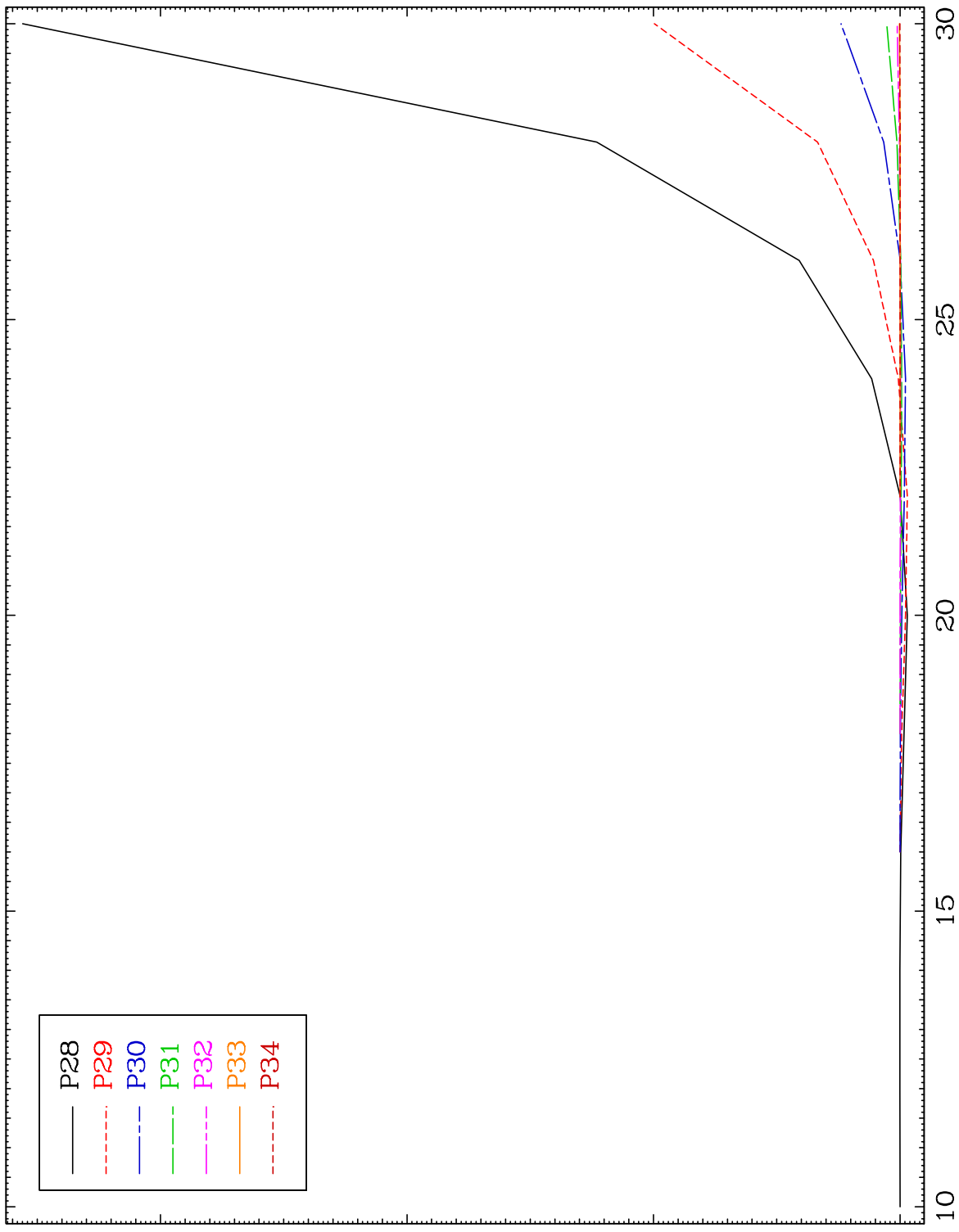


$\times 10^{-6}$

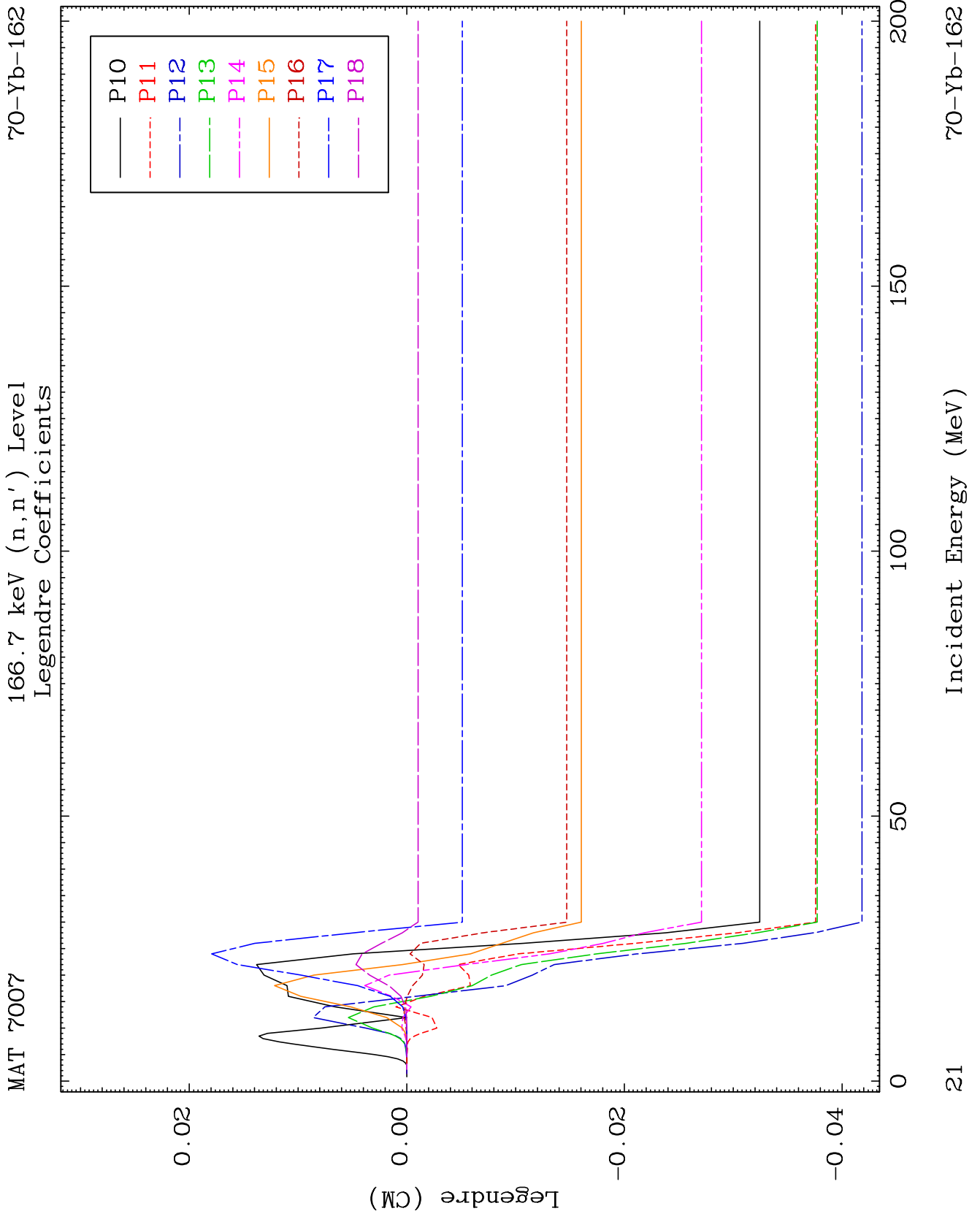
Legendre (CM)

Incident Energy (MeV)

70-Yb-162



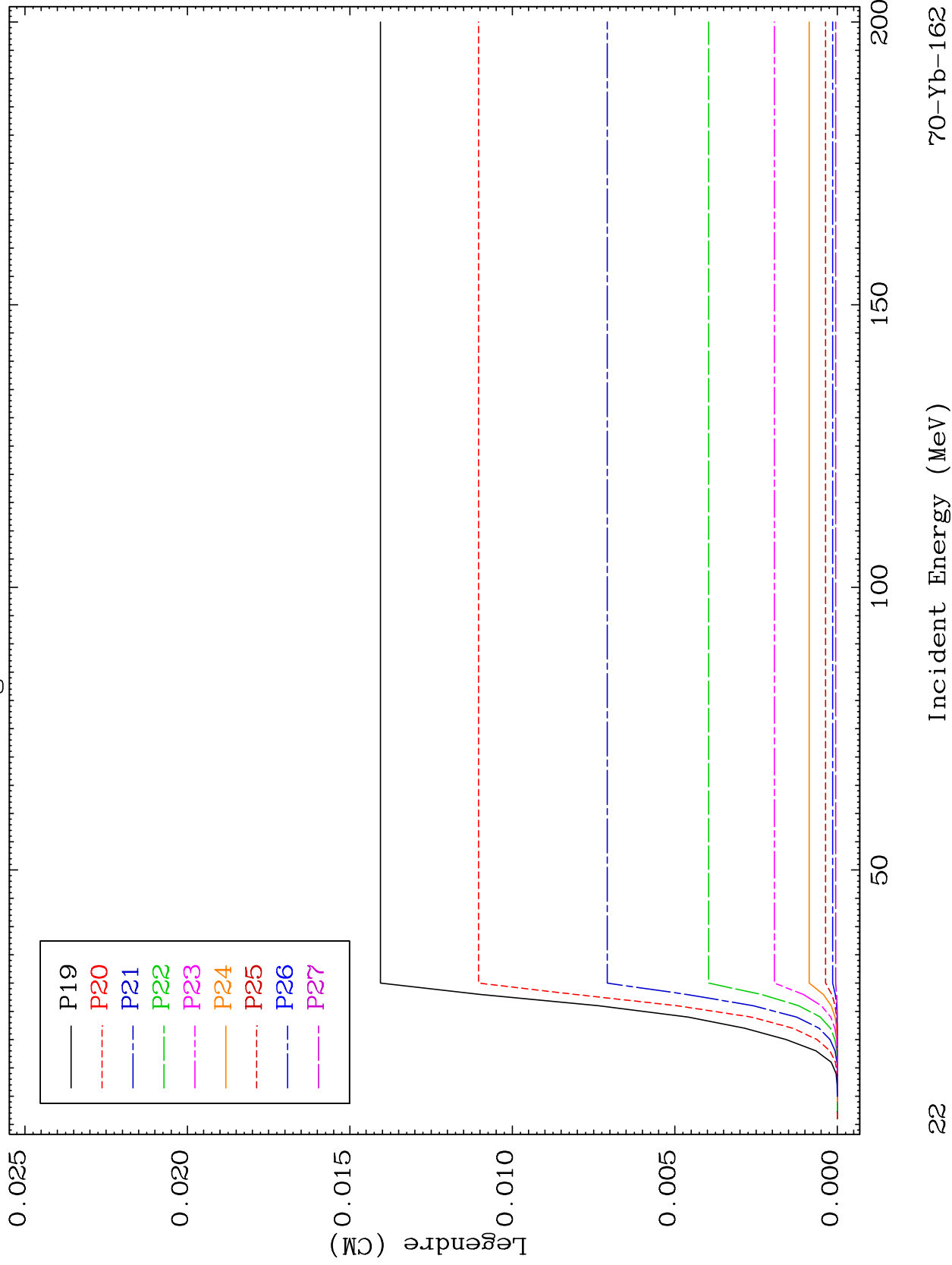




MAT 7007

166.7 keV (n, n') Level  
Legendre Coefficients

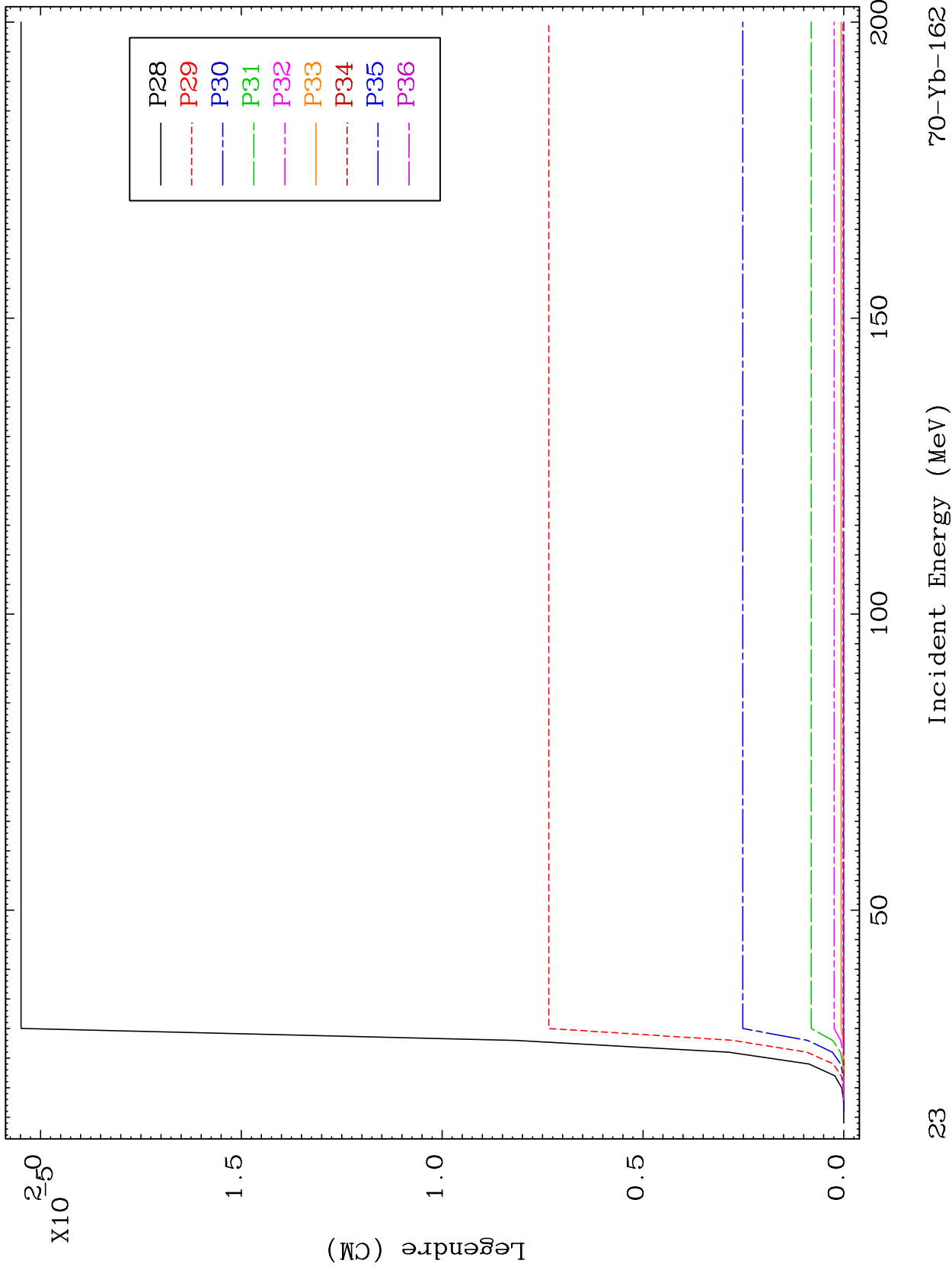
70-Yb-162



MAT 7007

166.7 keV (n,n') Level  
Legendre Coefficients

70-Yb-162



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Incident Energy (MeV)

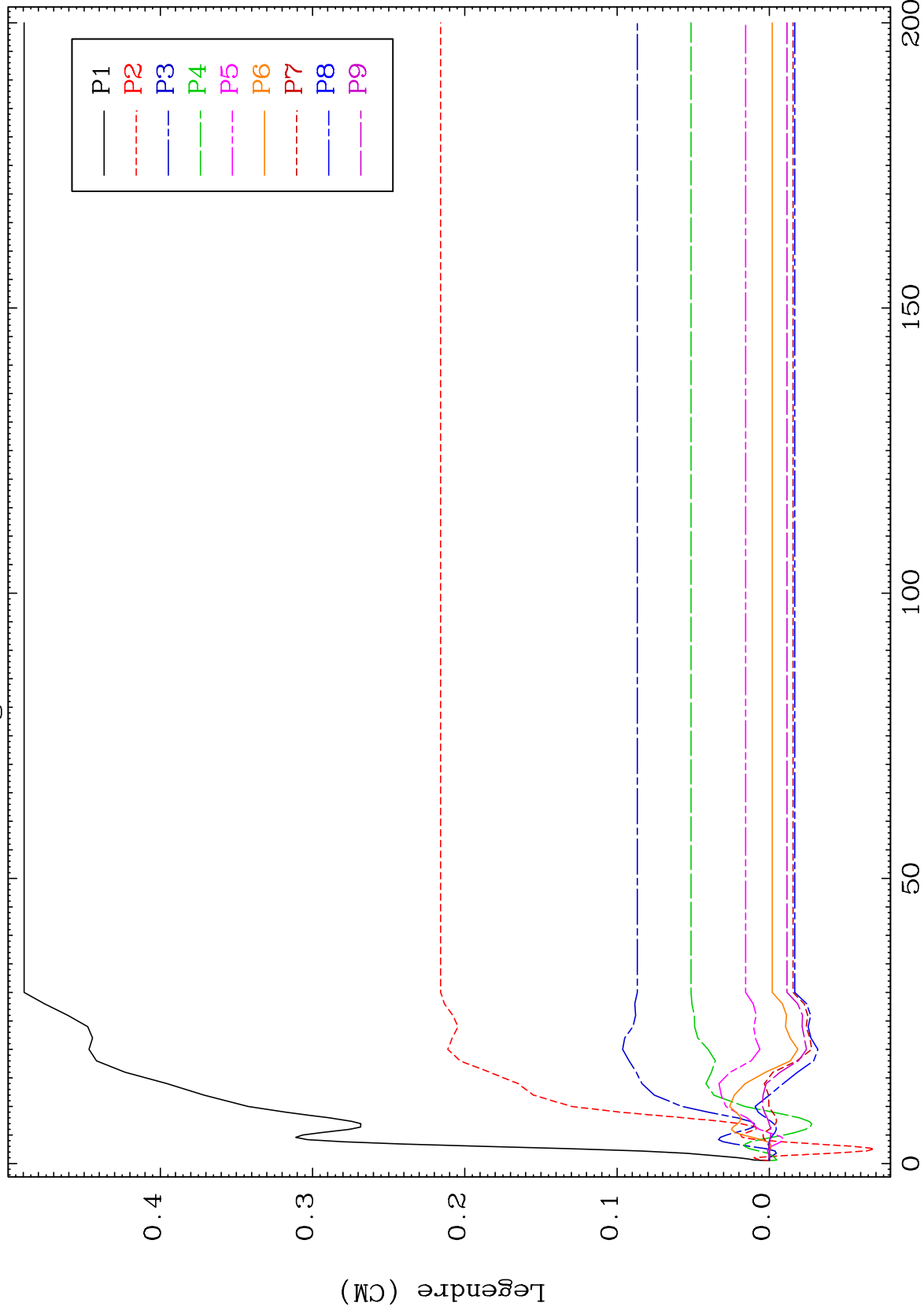
70-Yb-162



MAT 7007

487.3 keV (n,n') Level  
Legendre Coefficients

70-Yb-162



24

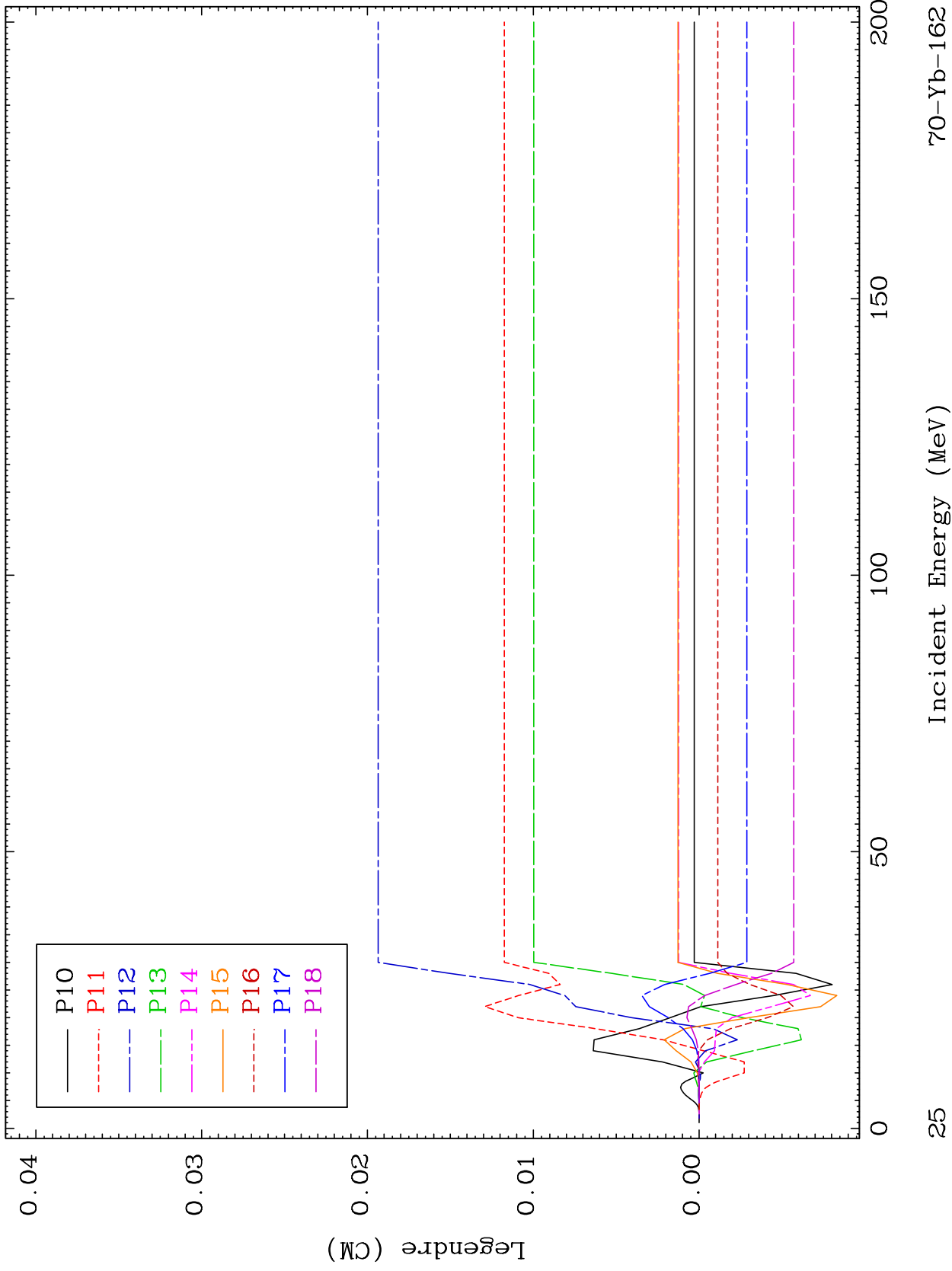
Incident Energy (MeV)

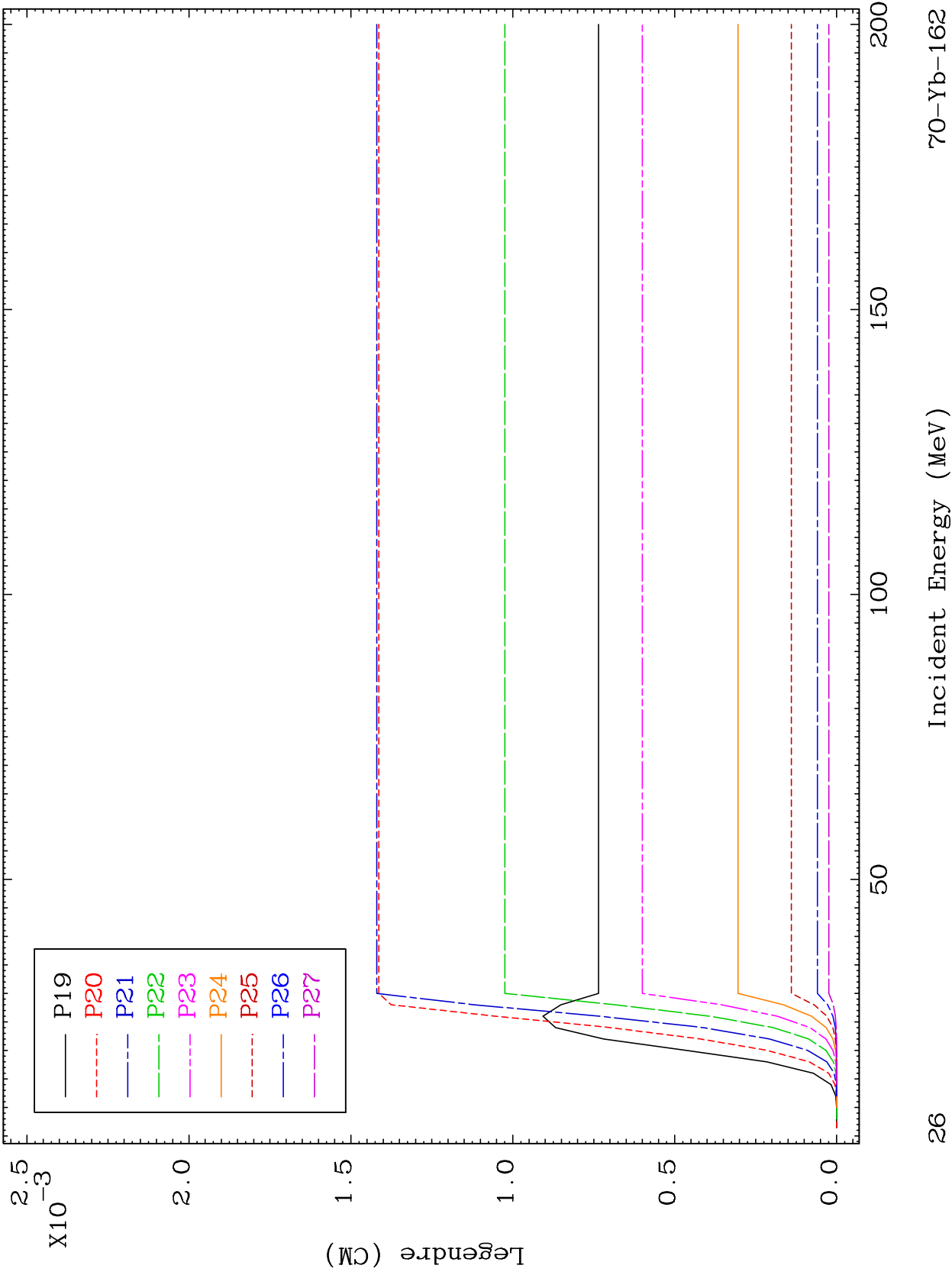
70-Yb-162

MAT 7007

487.3 keV (n, n') Level  
Legendre Coefficients

70-Yb-162

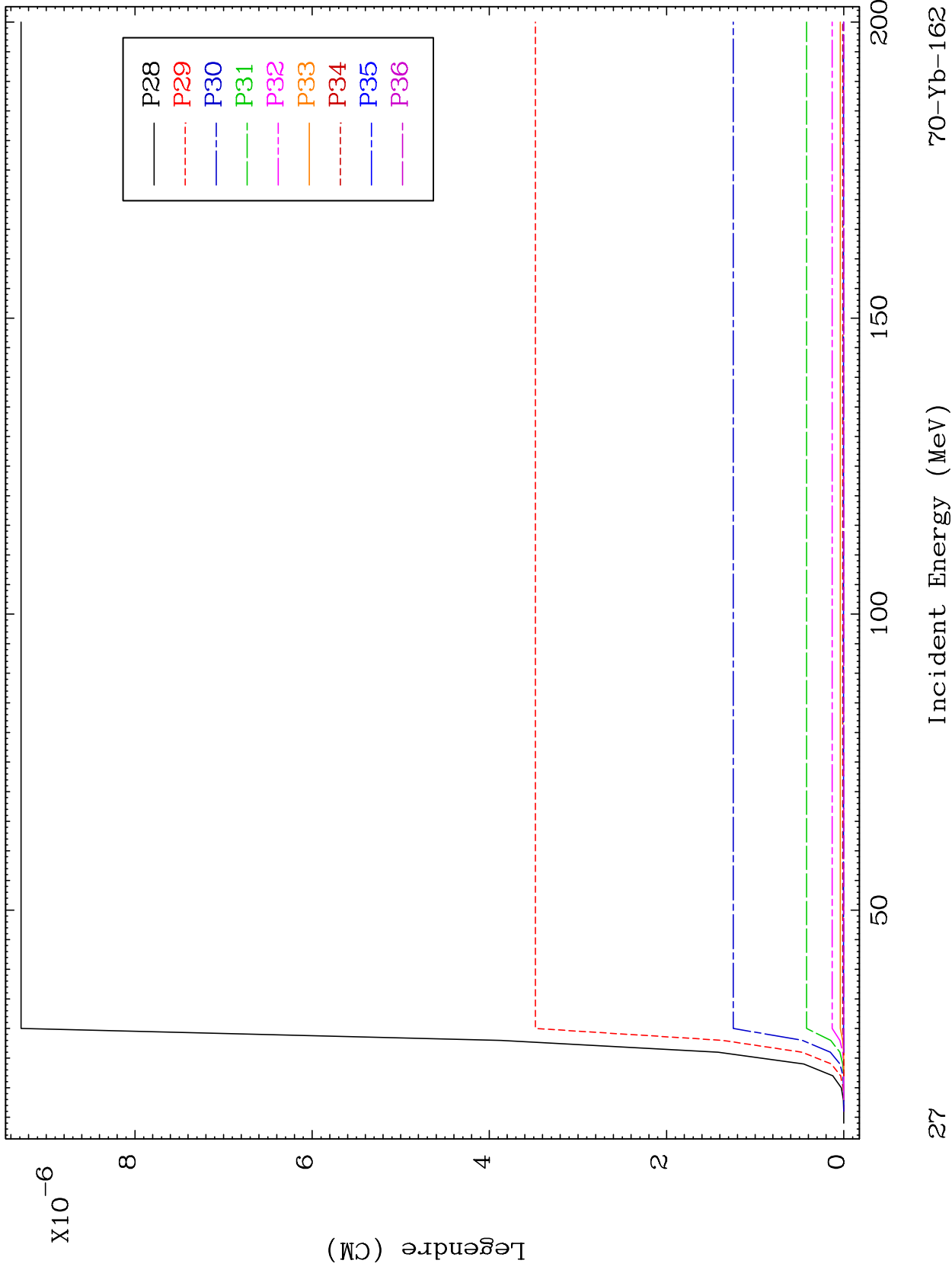




MAT 7007

487.3 keV (n,n') Level  
Legendre Coefficients

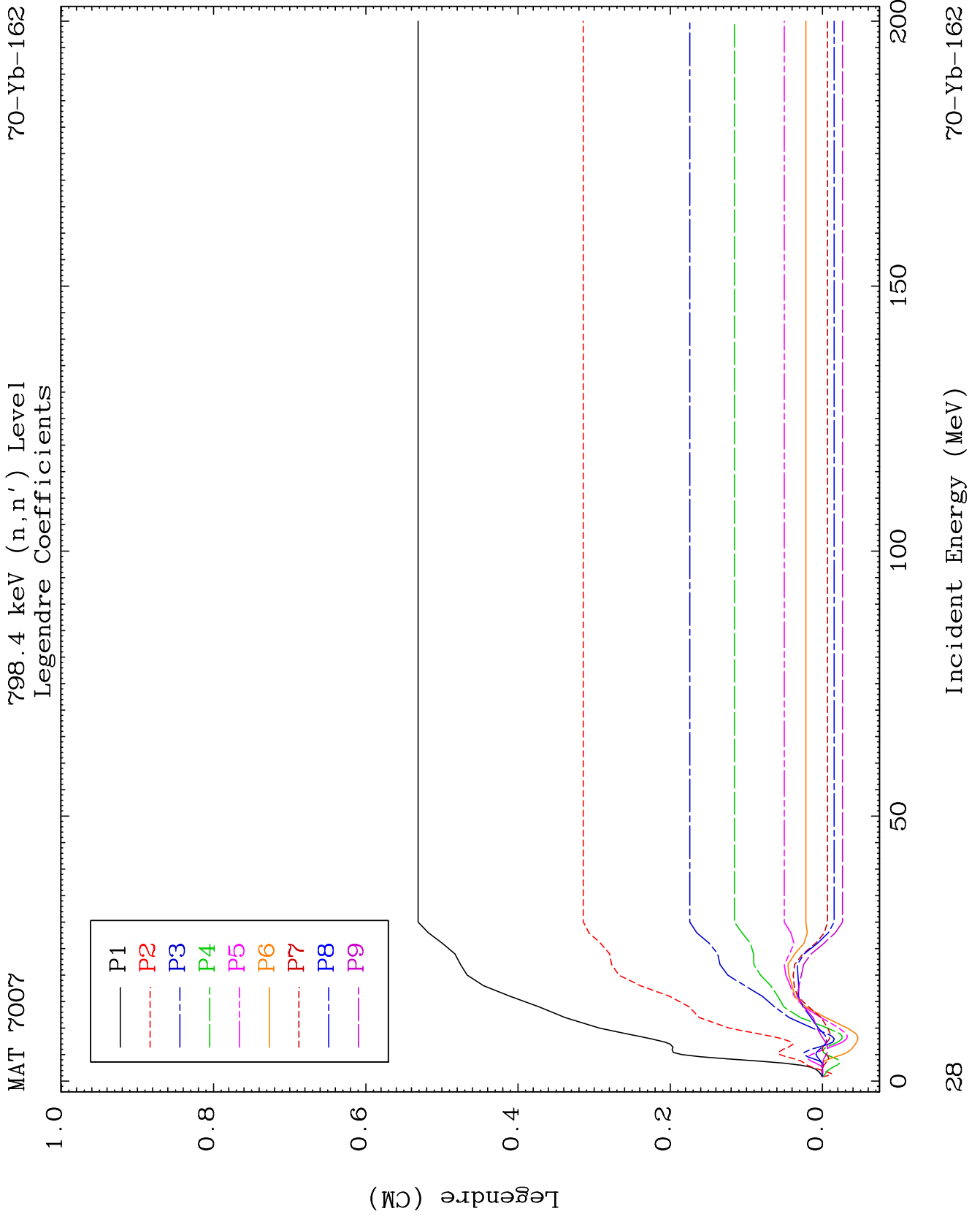
70-Yb-162



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Incident Energy (MeV)

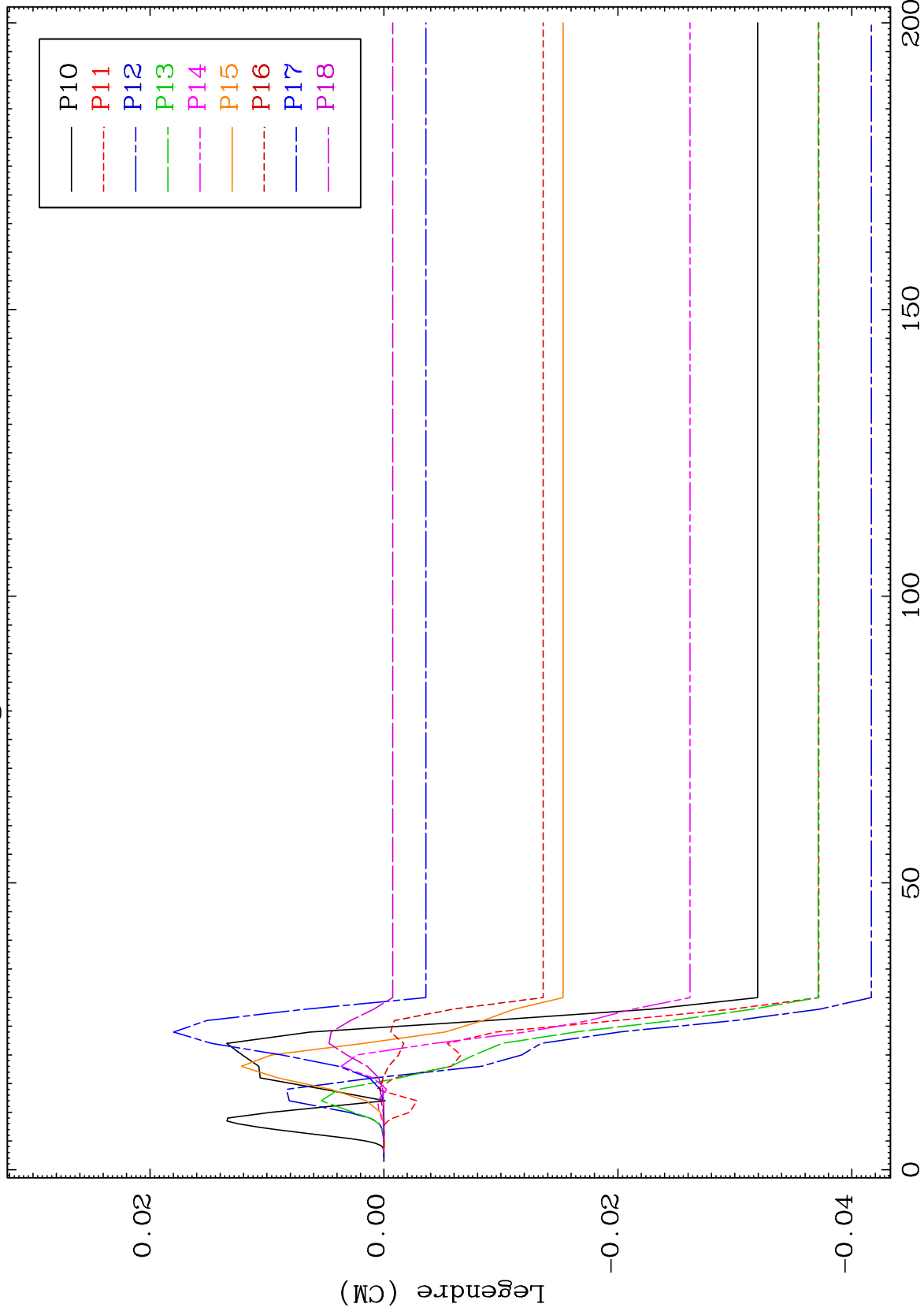
70-Yb-162



MAT 7007

798.4 keV (n,n') Level  
Legendre Coefficients

70-Yb-162



29

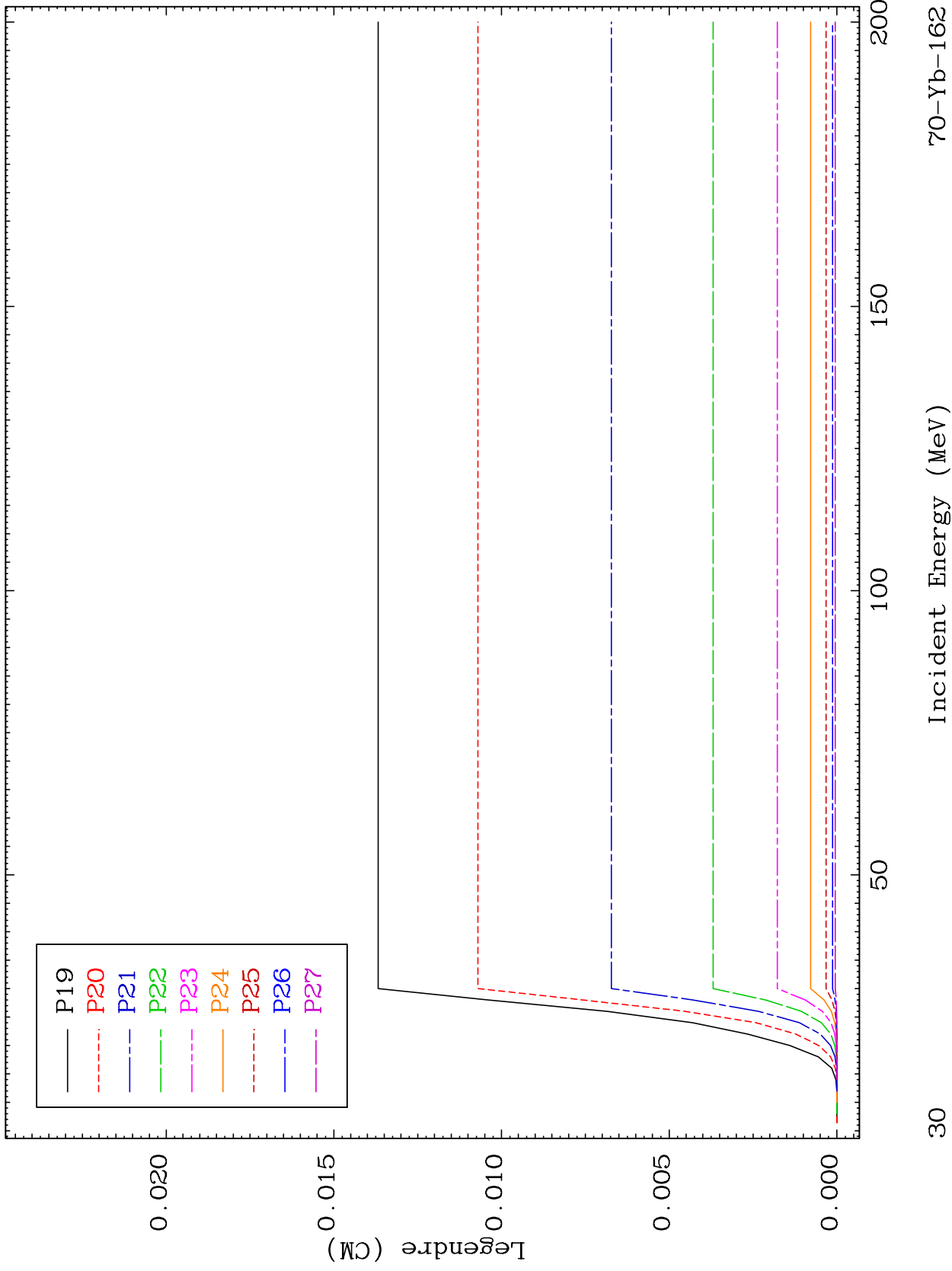
Incident Energy (MeV)

70-Yb-162

MAT 7007

798.4 keV (n, n') Level  
Legendre Coefficients

70-Yb-162



30

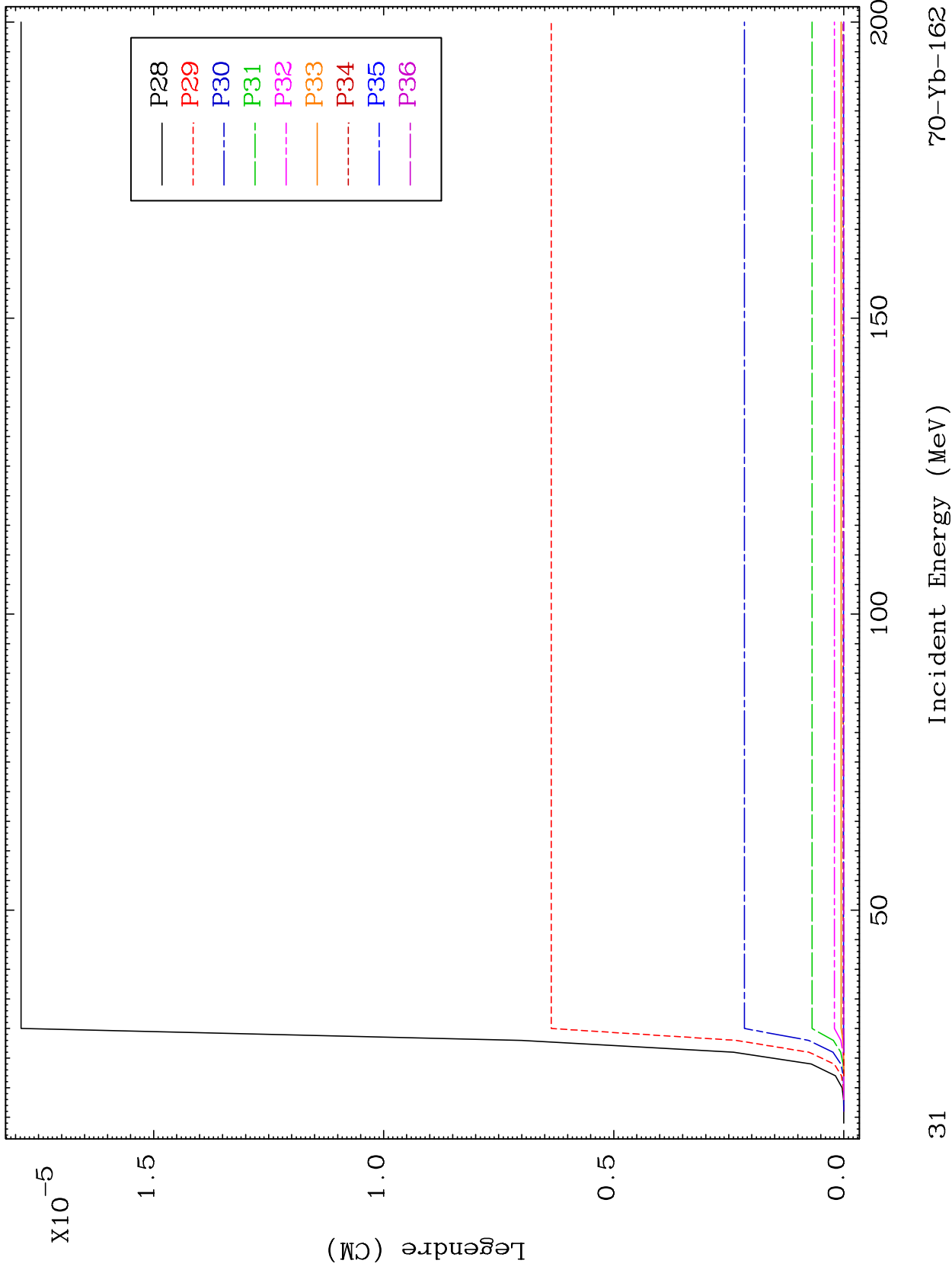
Incident Energy (MeV)

70-Yb-162

MAT 7007

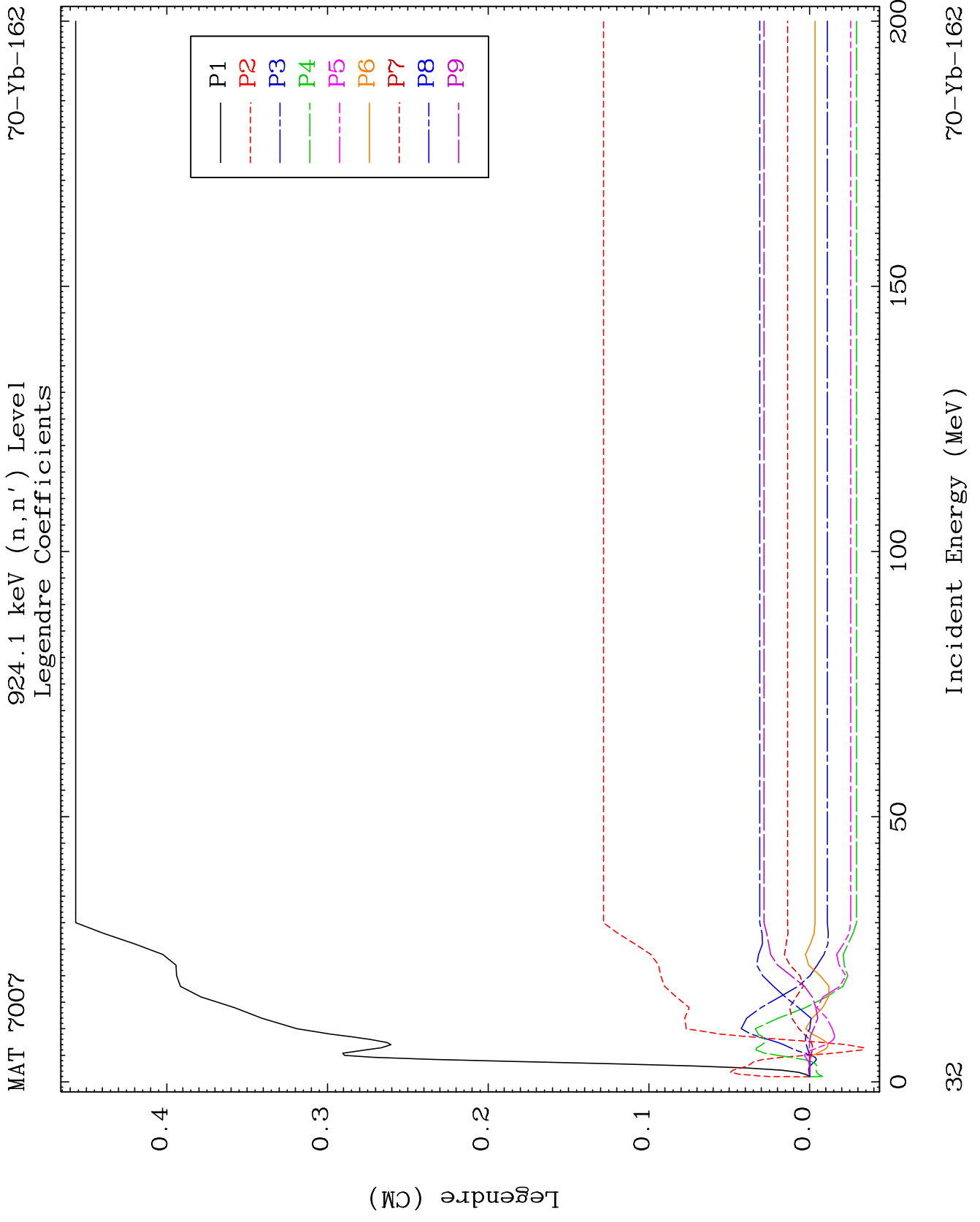
798.4 keV (n,n') Level  
Legendre Coefficients

70-Yb-162



31

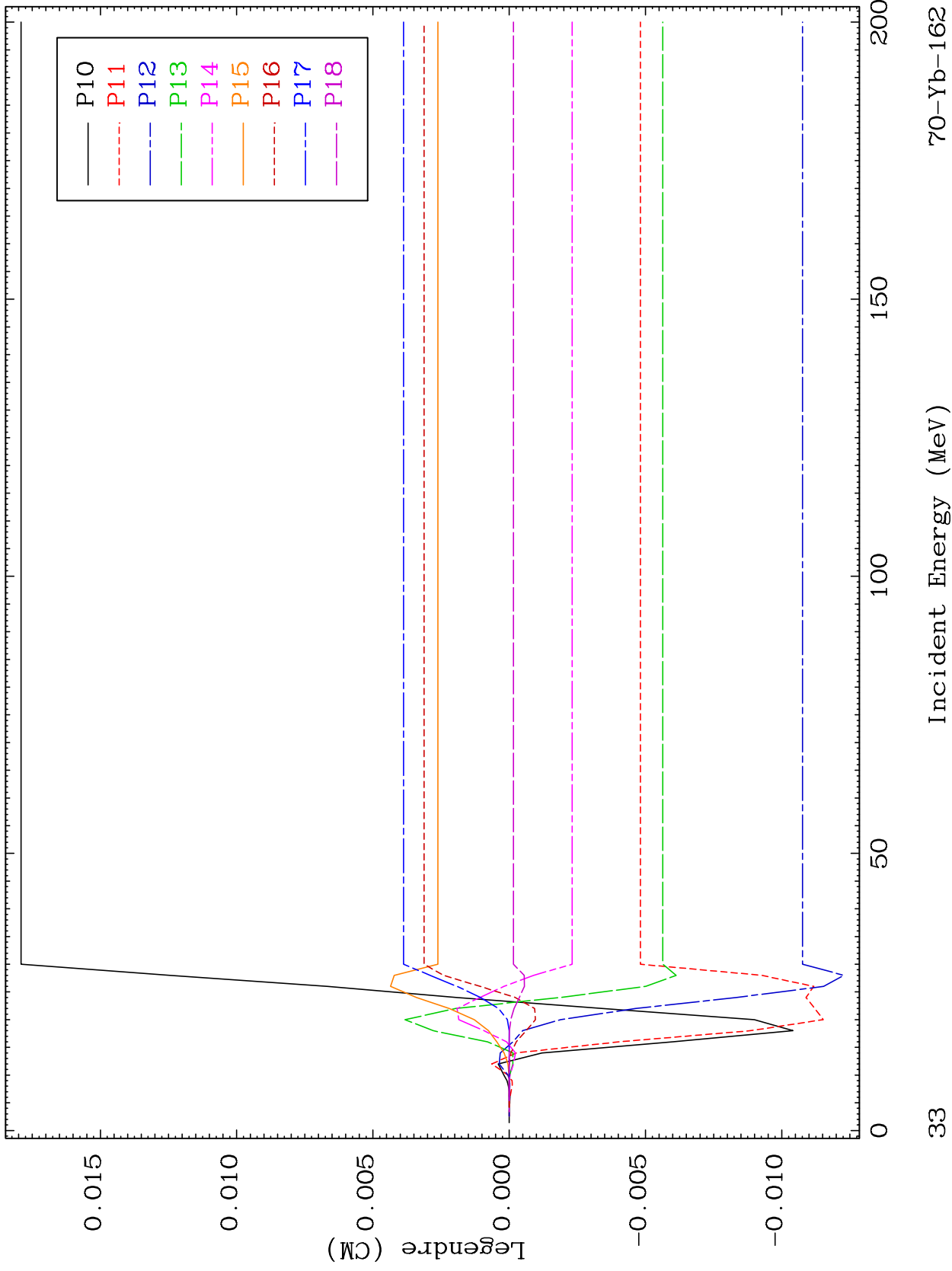




MAT 7007

924.1 keV (n,n') Level  
Legendre Coefficients

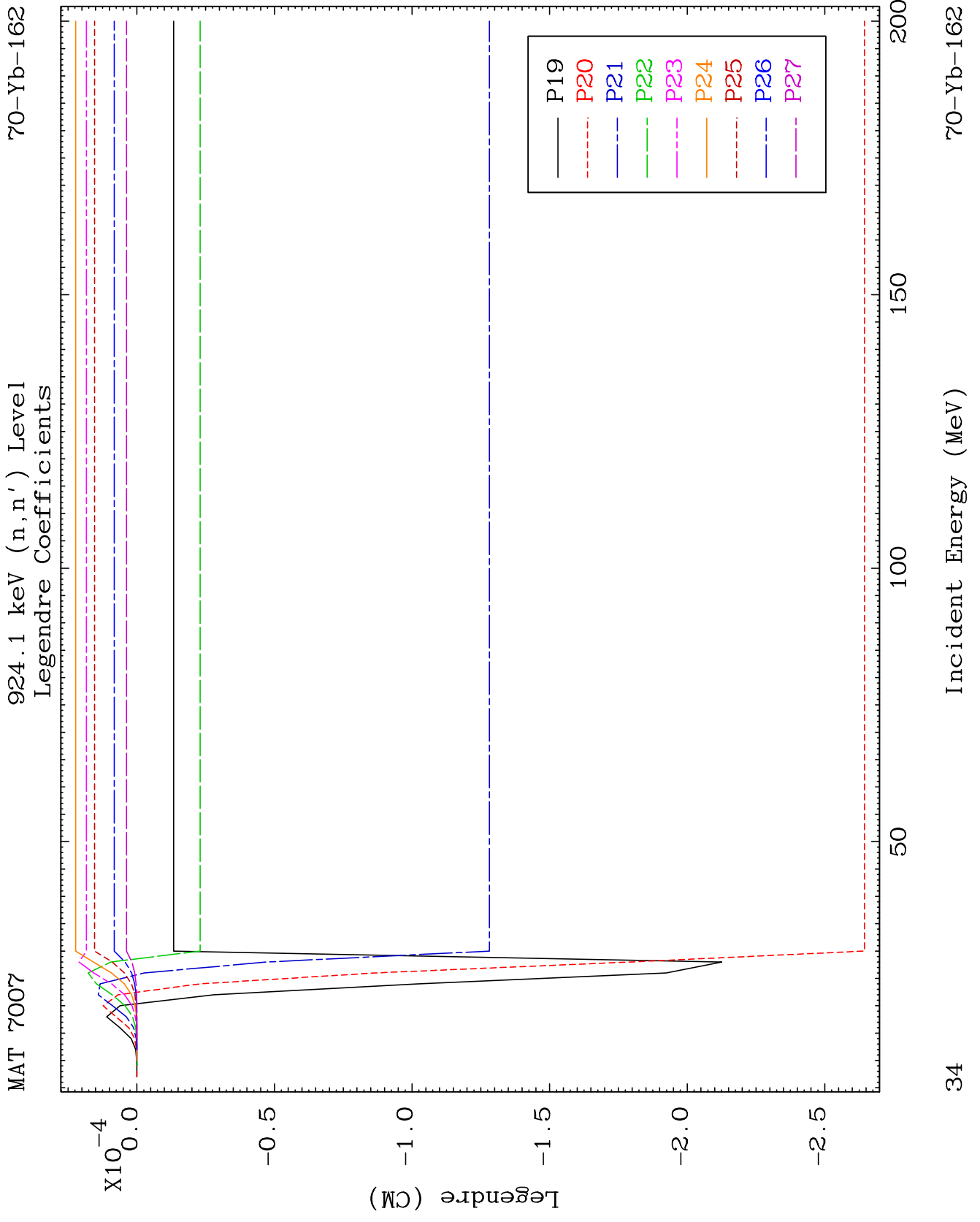
70-Yb-162



33

Incident Energy (MeV)

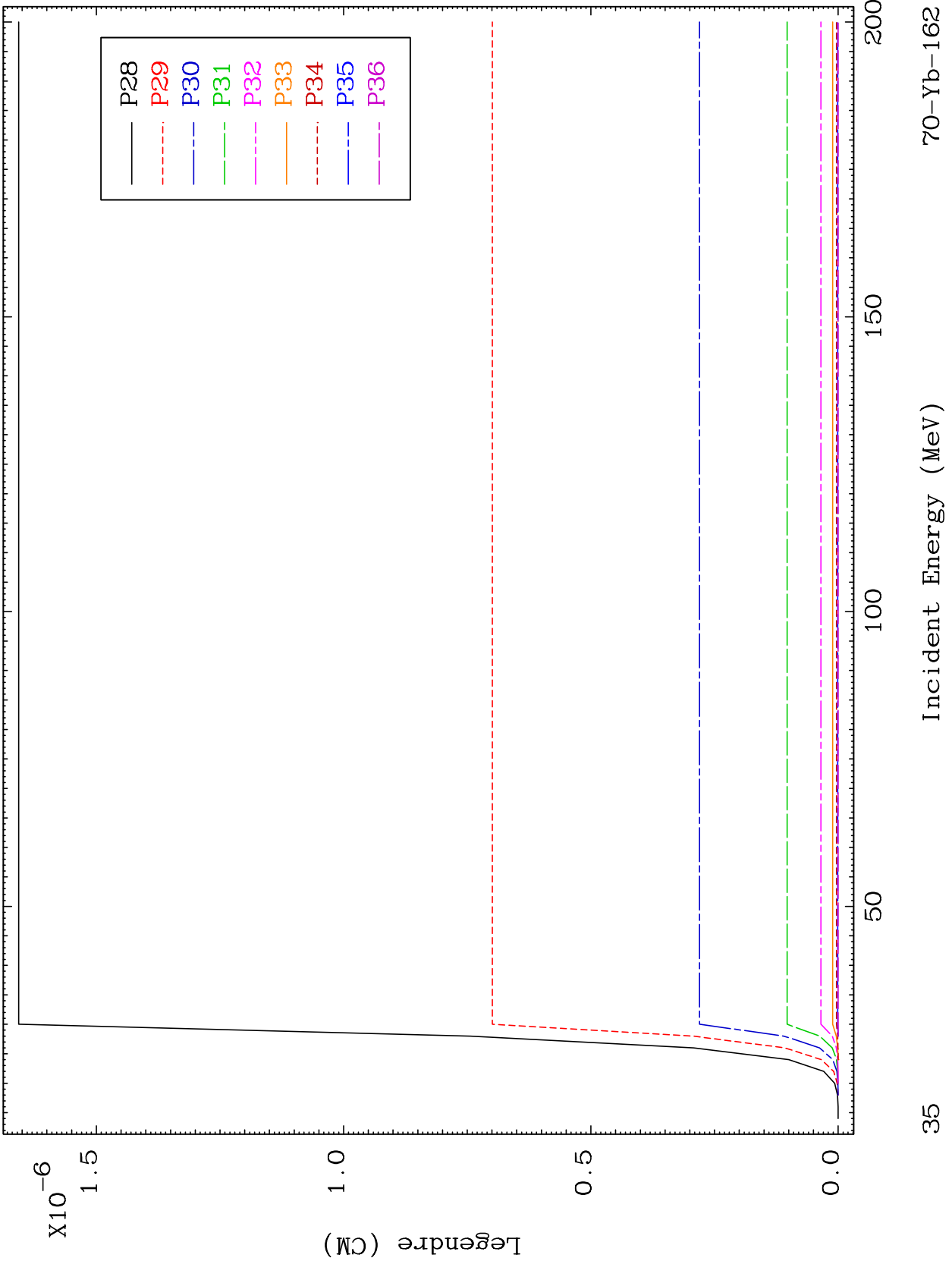
70-Yb-162



MAT 7007

924.1 keV (n,n') Level  
Legendre Coefficients

70-Yb-162



70-Yb-162

Incident Energy (MeV)

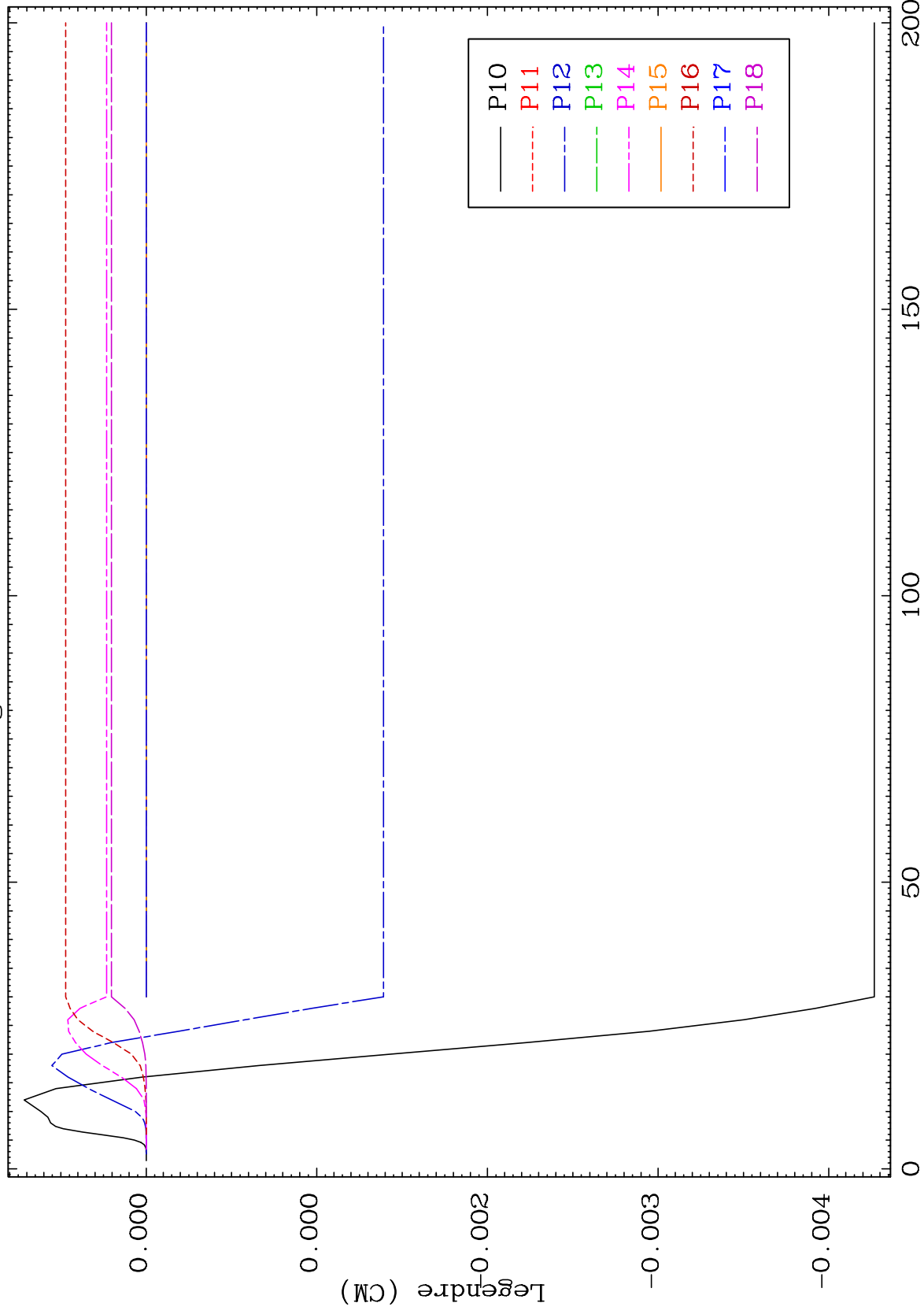
35



MAT 7007

992.1 keV (n,n') Level  
Legendre Coefficients

70-Yb-162



37

Incident Energy (MeV)

70-Yb-162



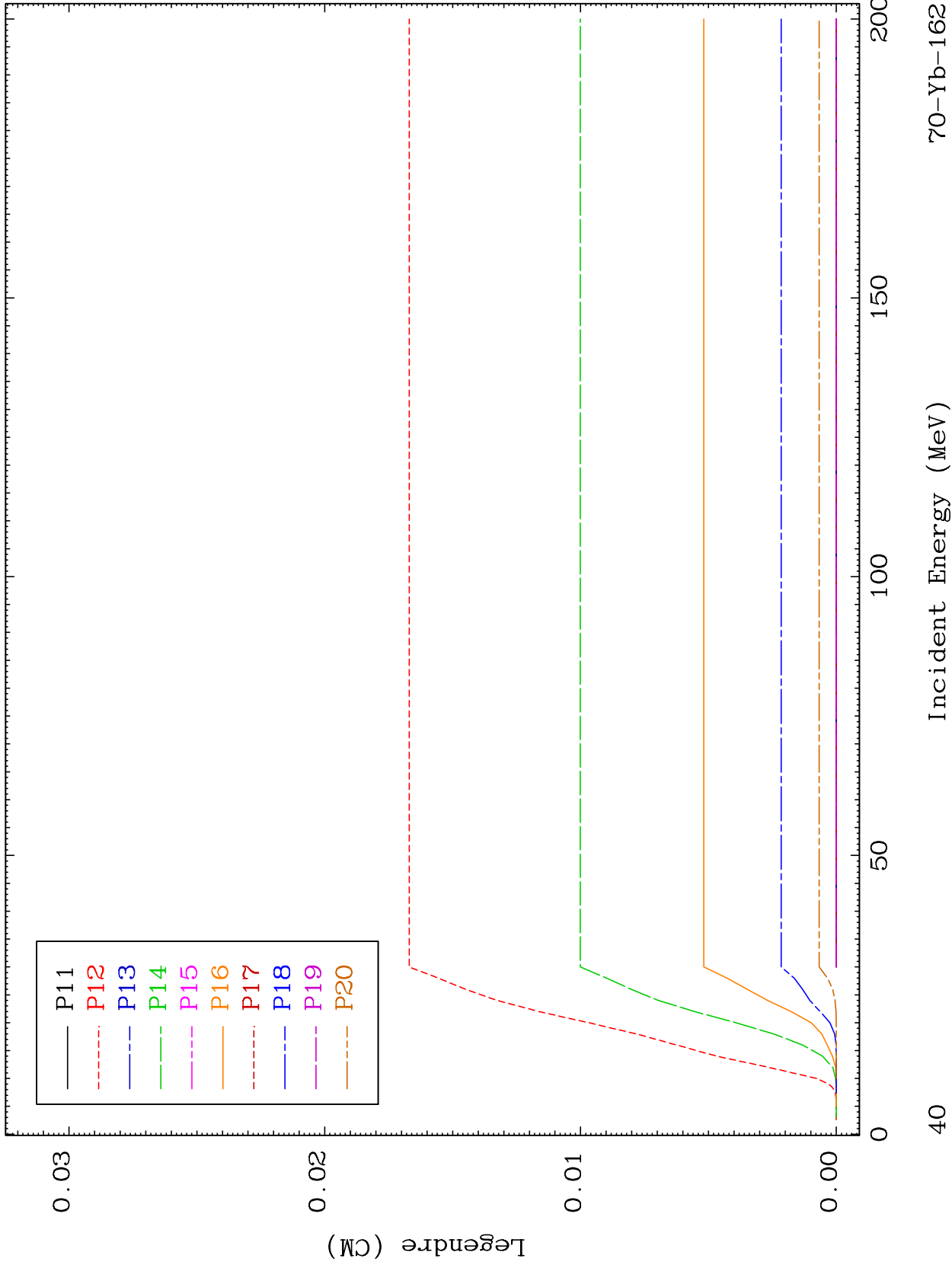


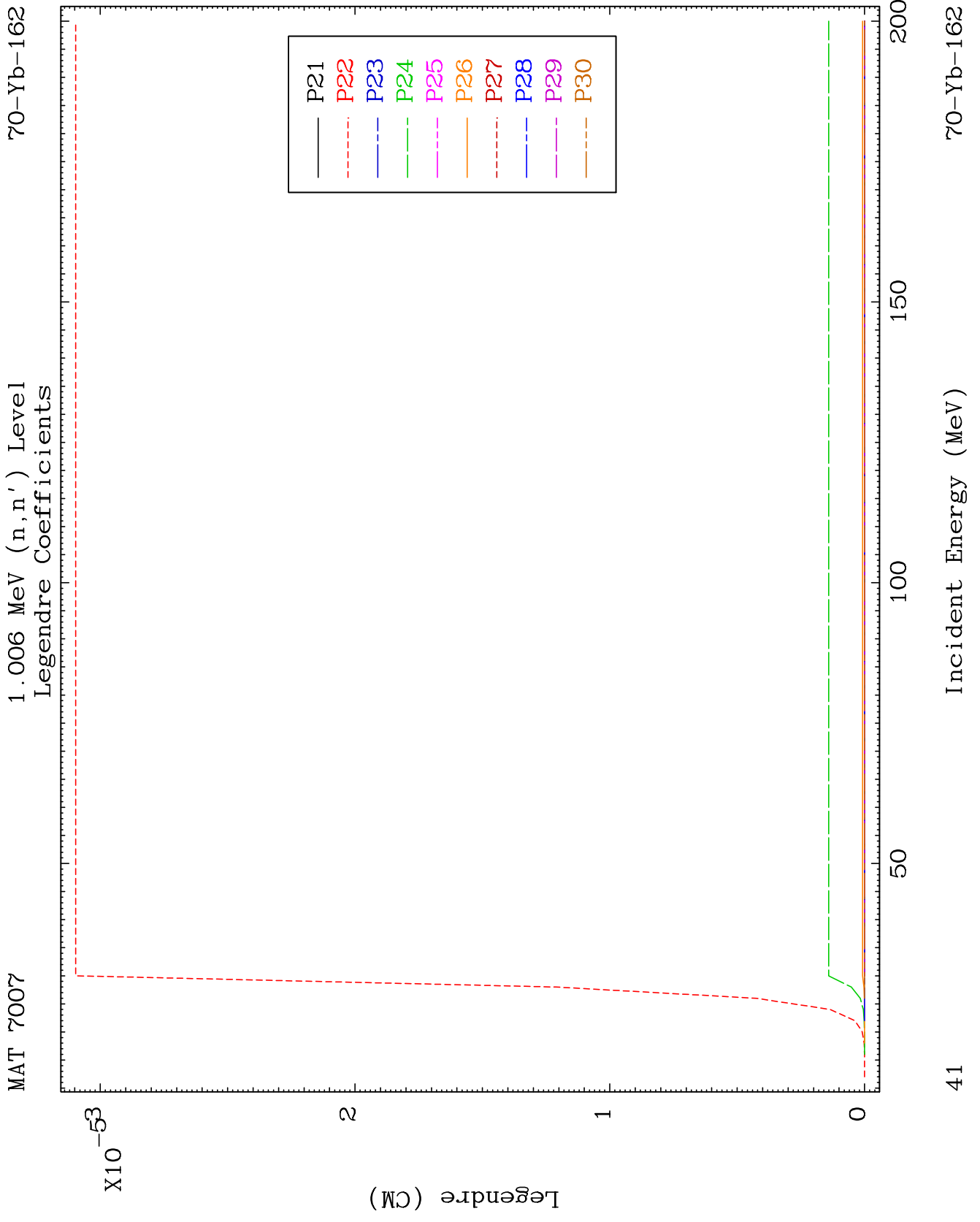


MAT 7007

1.006 MeV (n,n') Level  
Legendre Coefficients

70-Yb-162

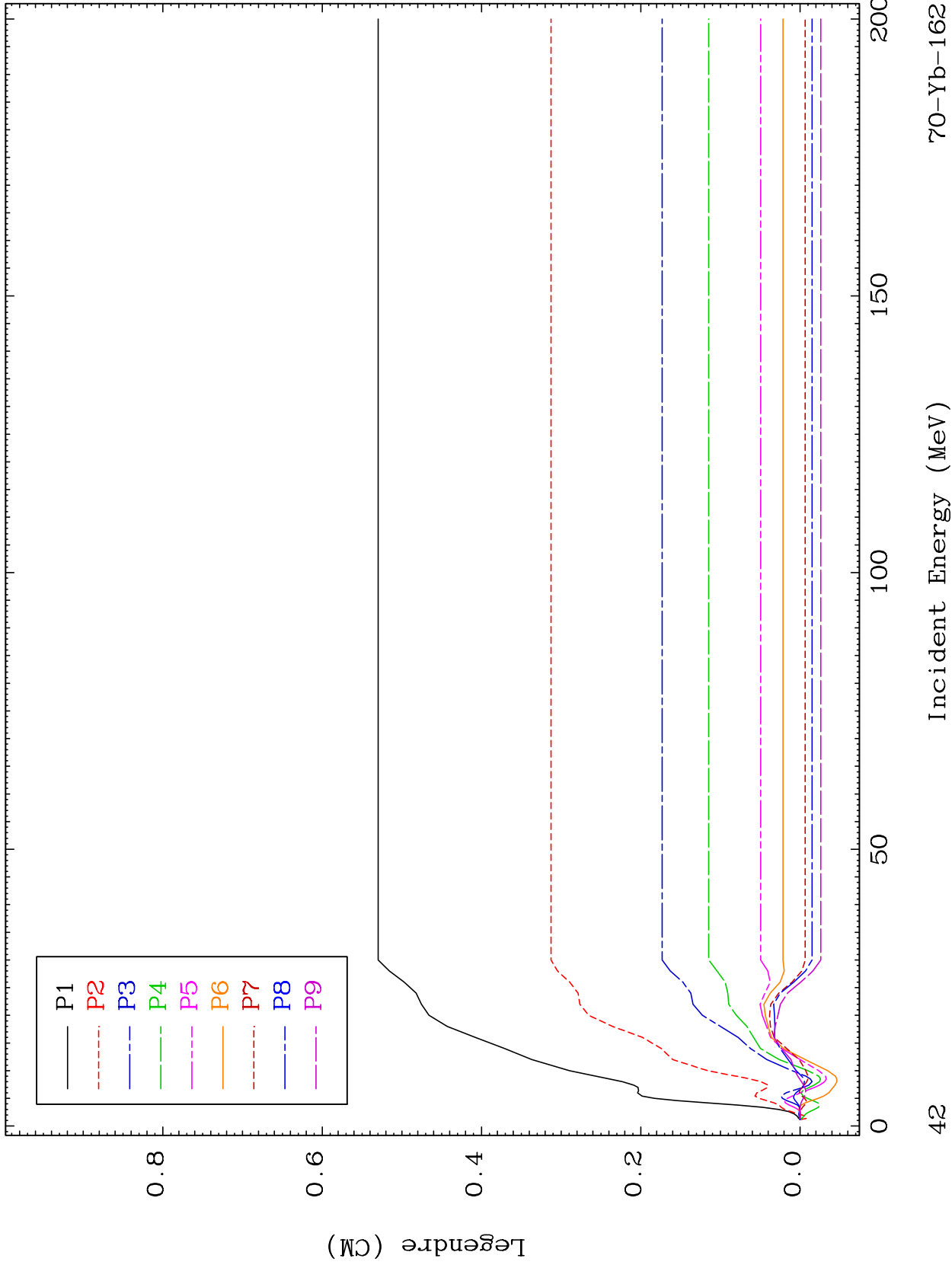




MAT 7007

1.130 MeV (n,n') Level  
Legendre Coefficients

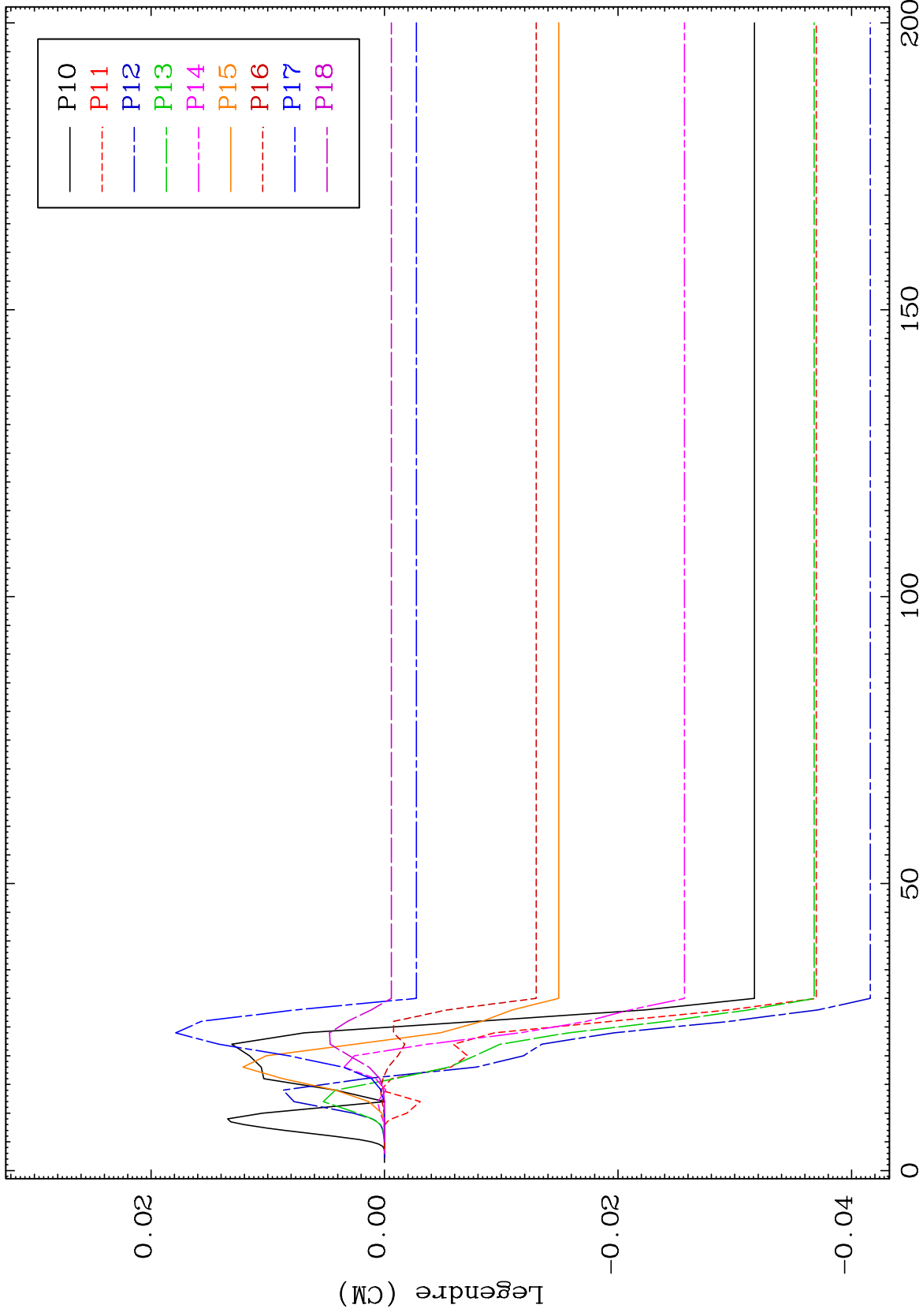
70-Yb-162



MAT 7007

1.130 MeV (n,n') Level  
Legendre Coefficients

70-Yb-162



43

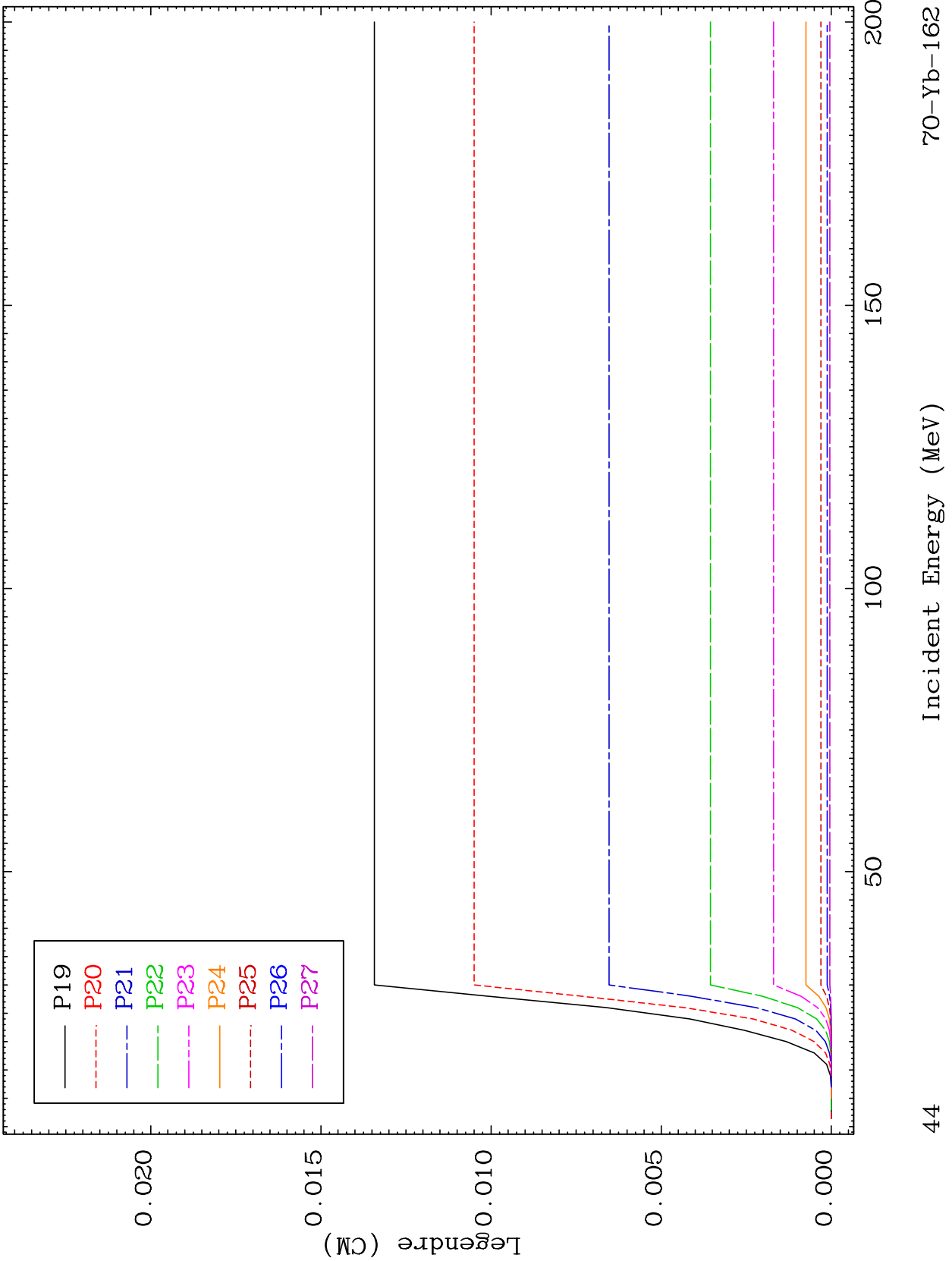
Incident Energy (MeV)

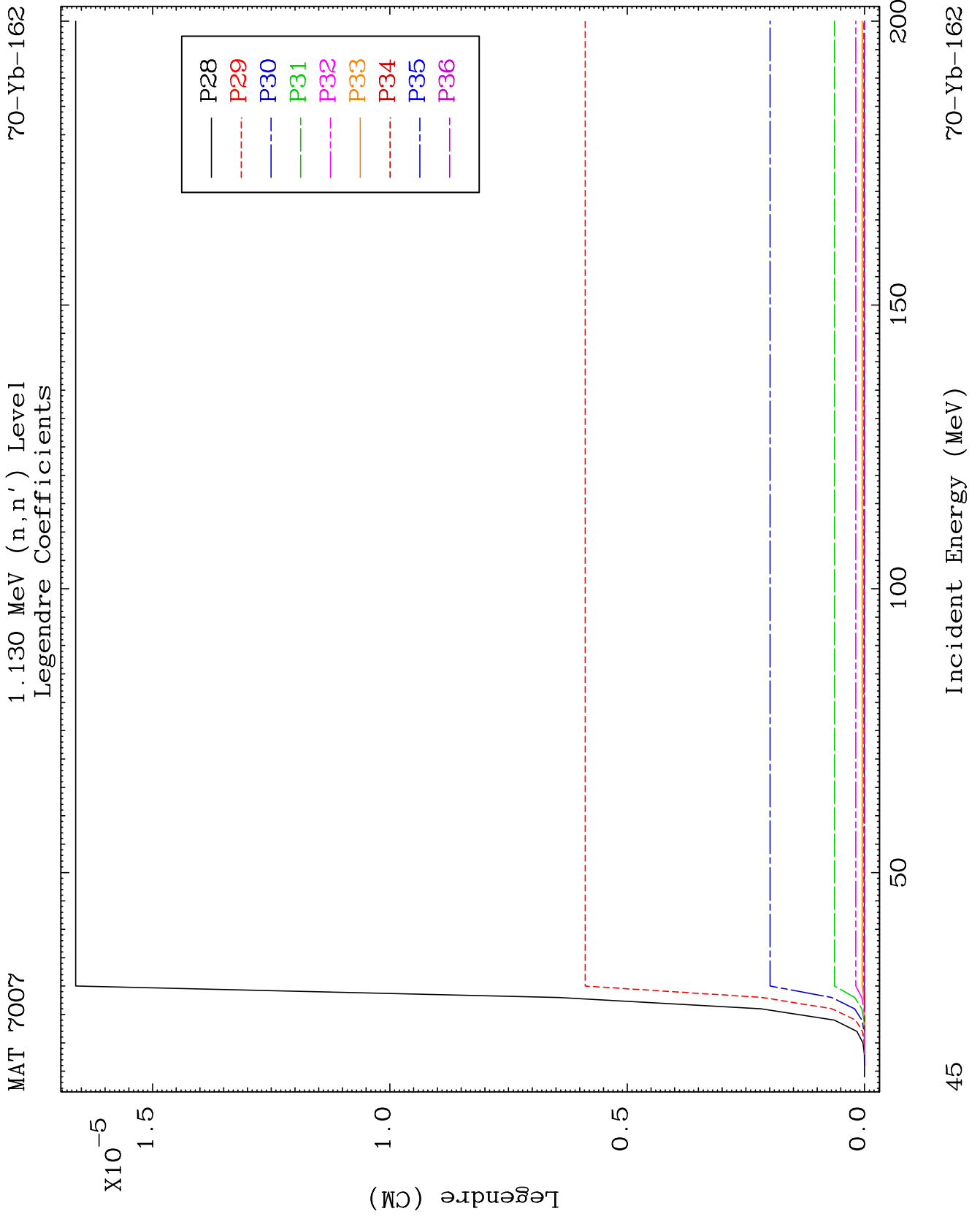
70-Yb-162

MAT 7007

1.130 MeV (n, n') Level Legendre Coefficients

70-Yb-162

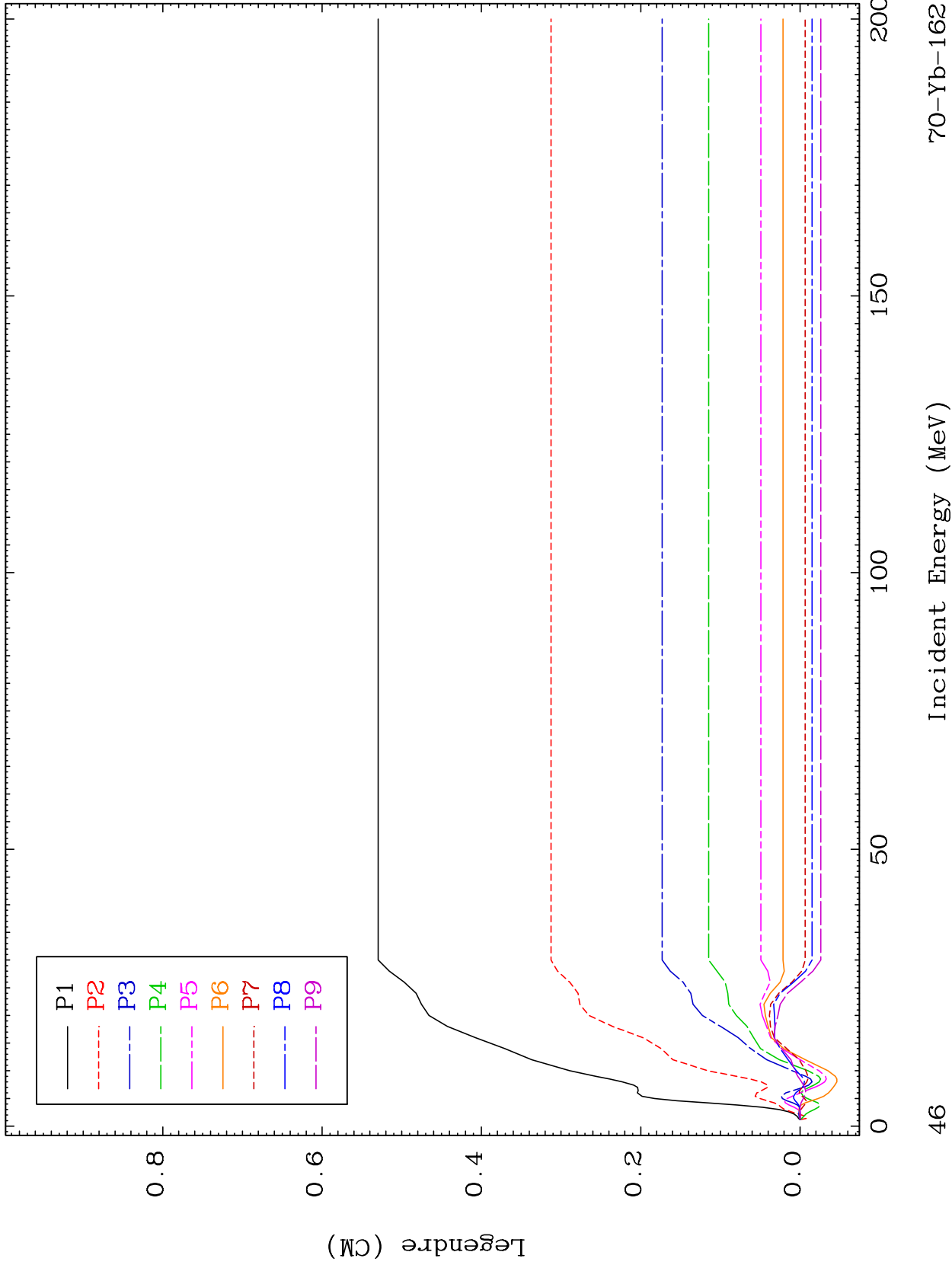




MAT 7007

1.150 MeV (n,n') Level  
Legendre Coefficients

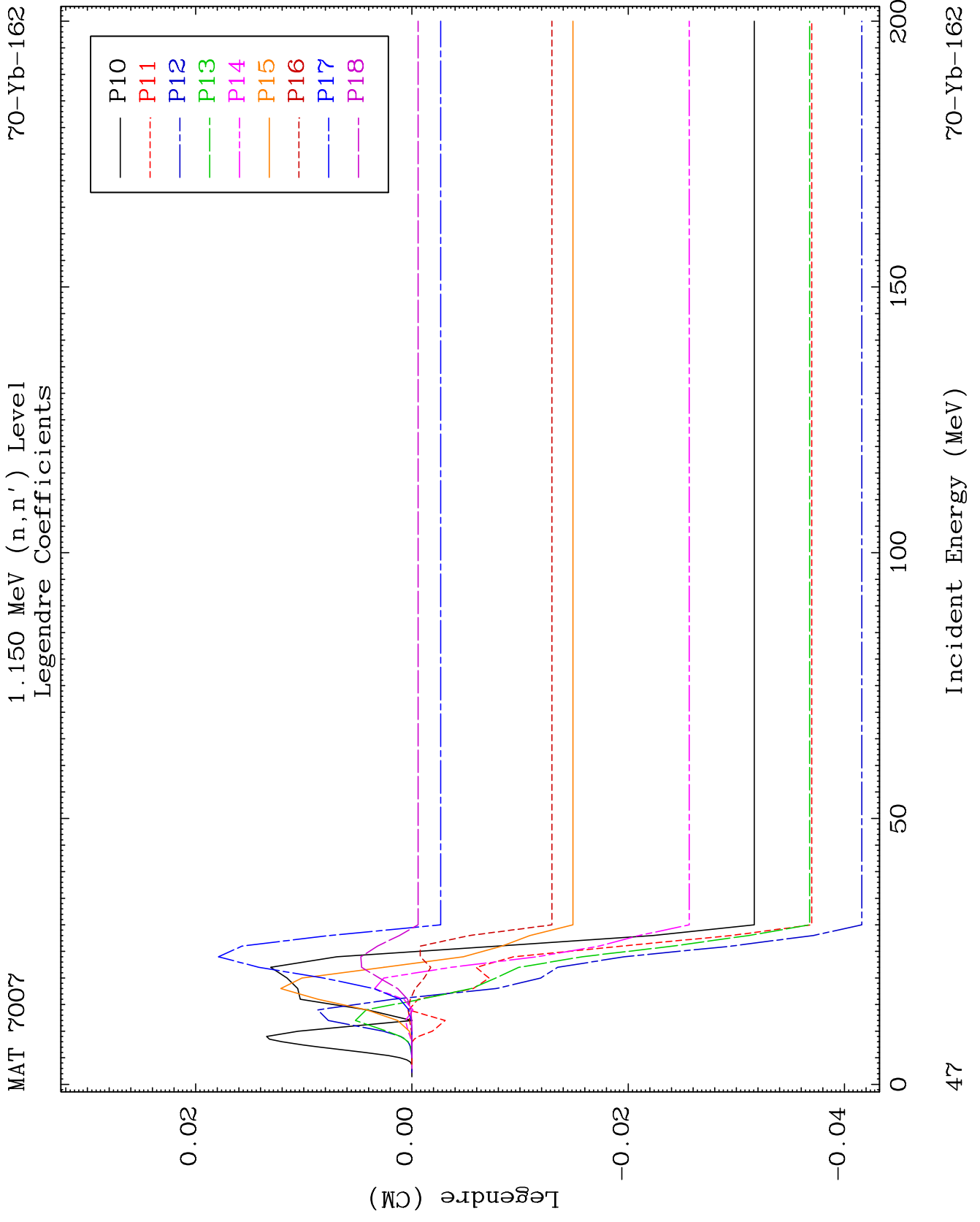
70-Yb-162



70-Yb-162

Incident Energy (MeV)

46

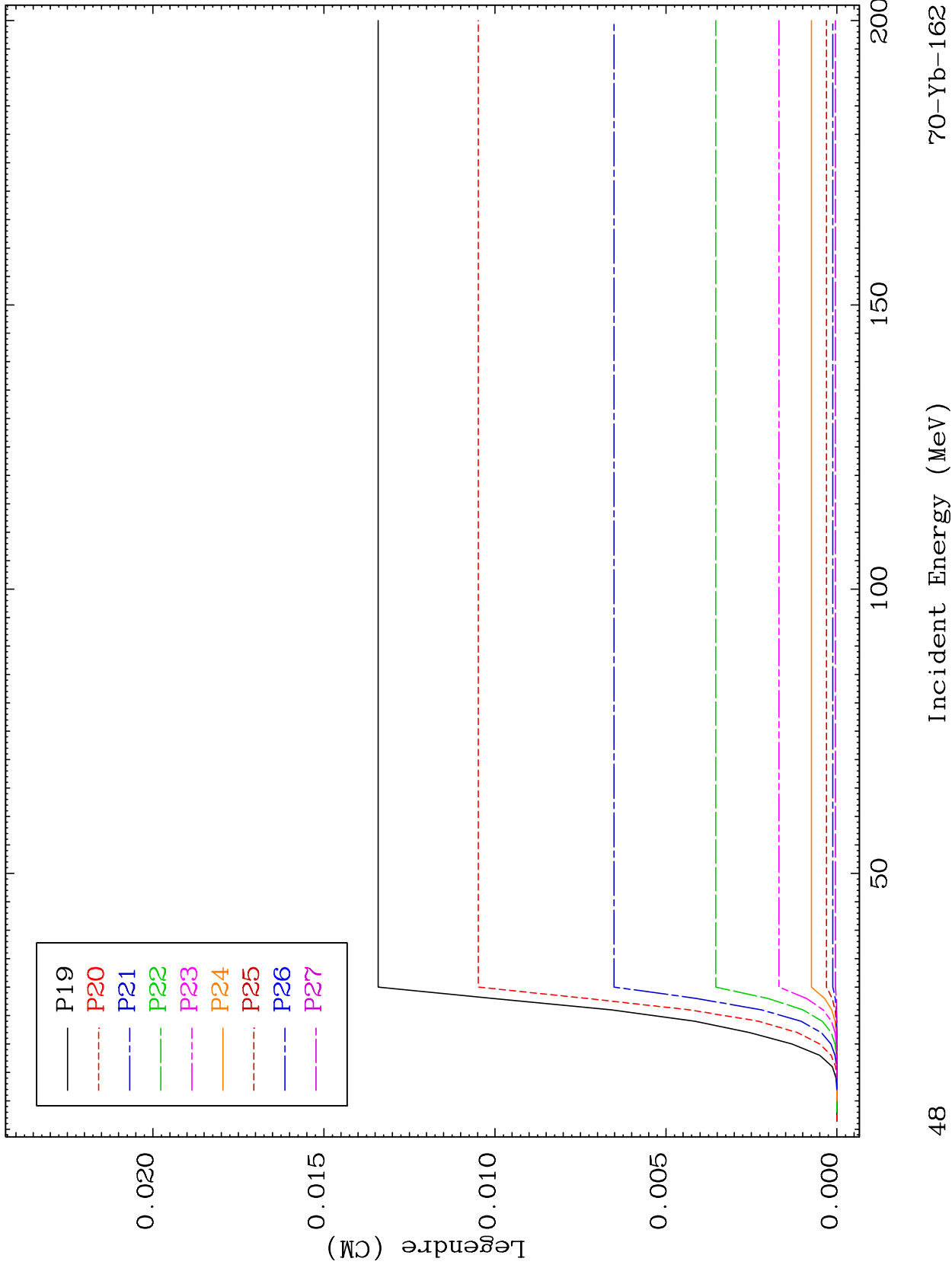




MAT 7007

1.150 MeV (n,n') Level Legendre Coefficients

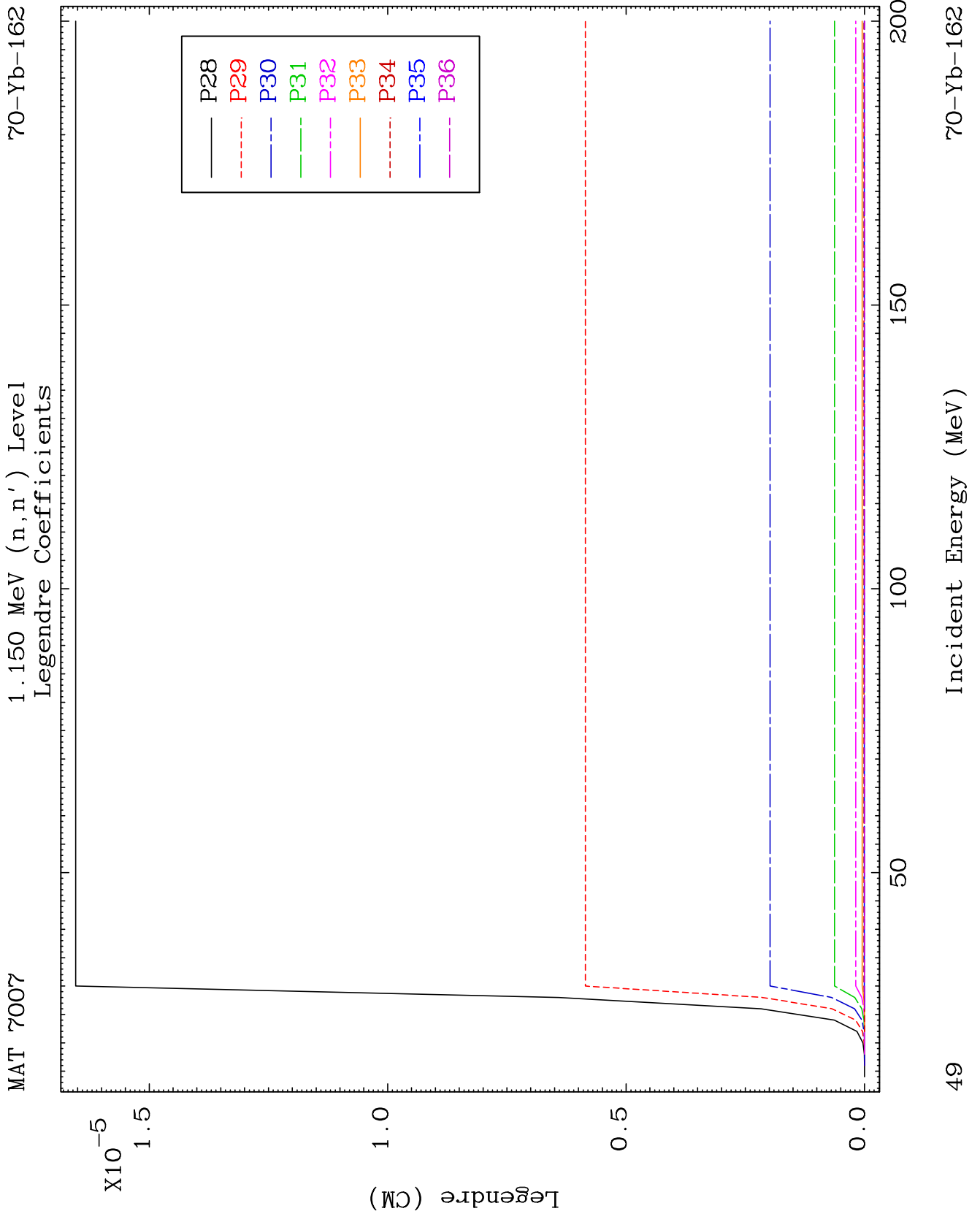
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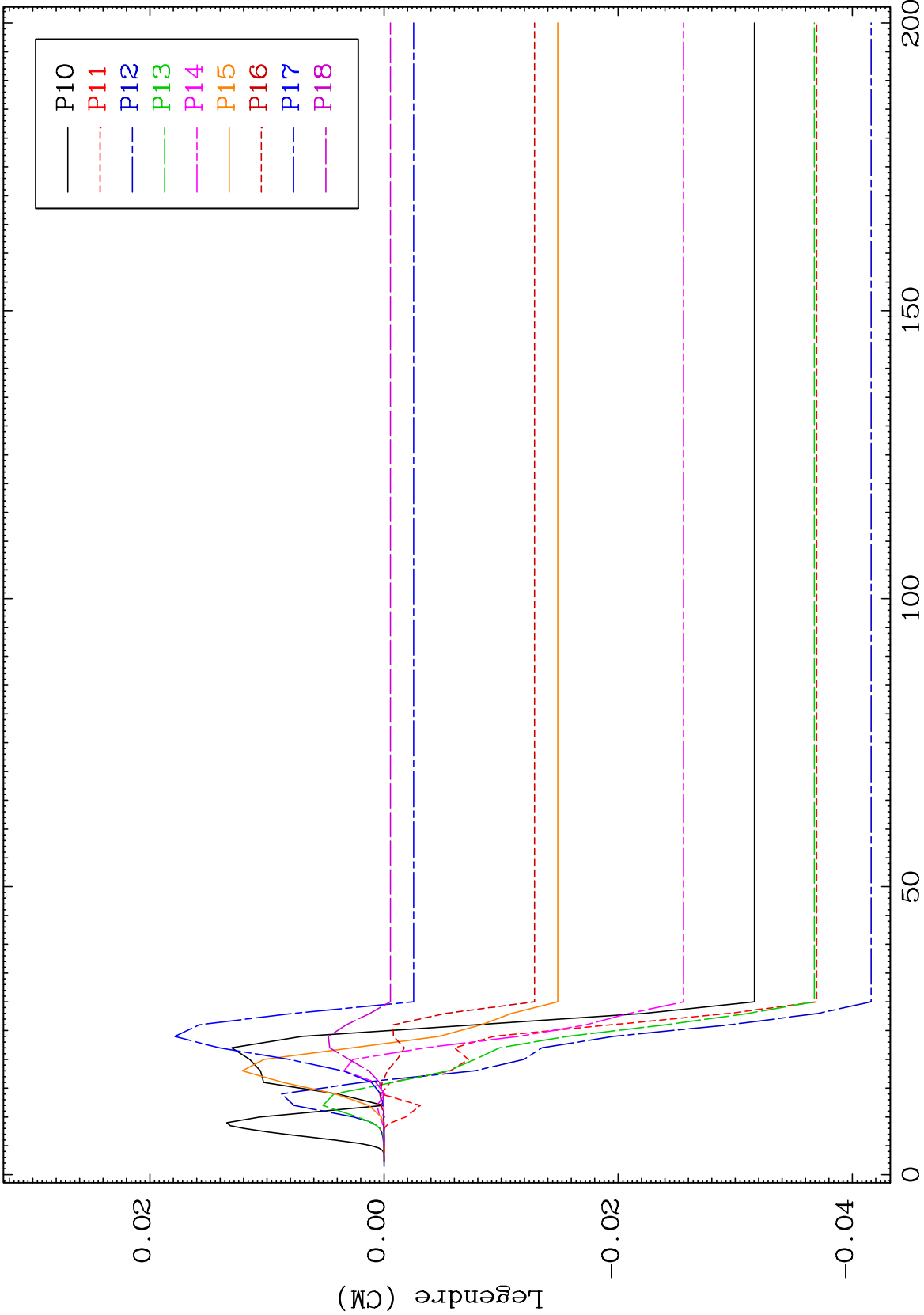
48

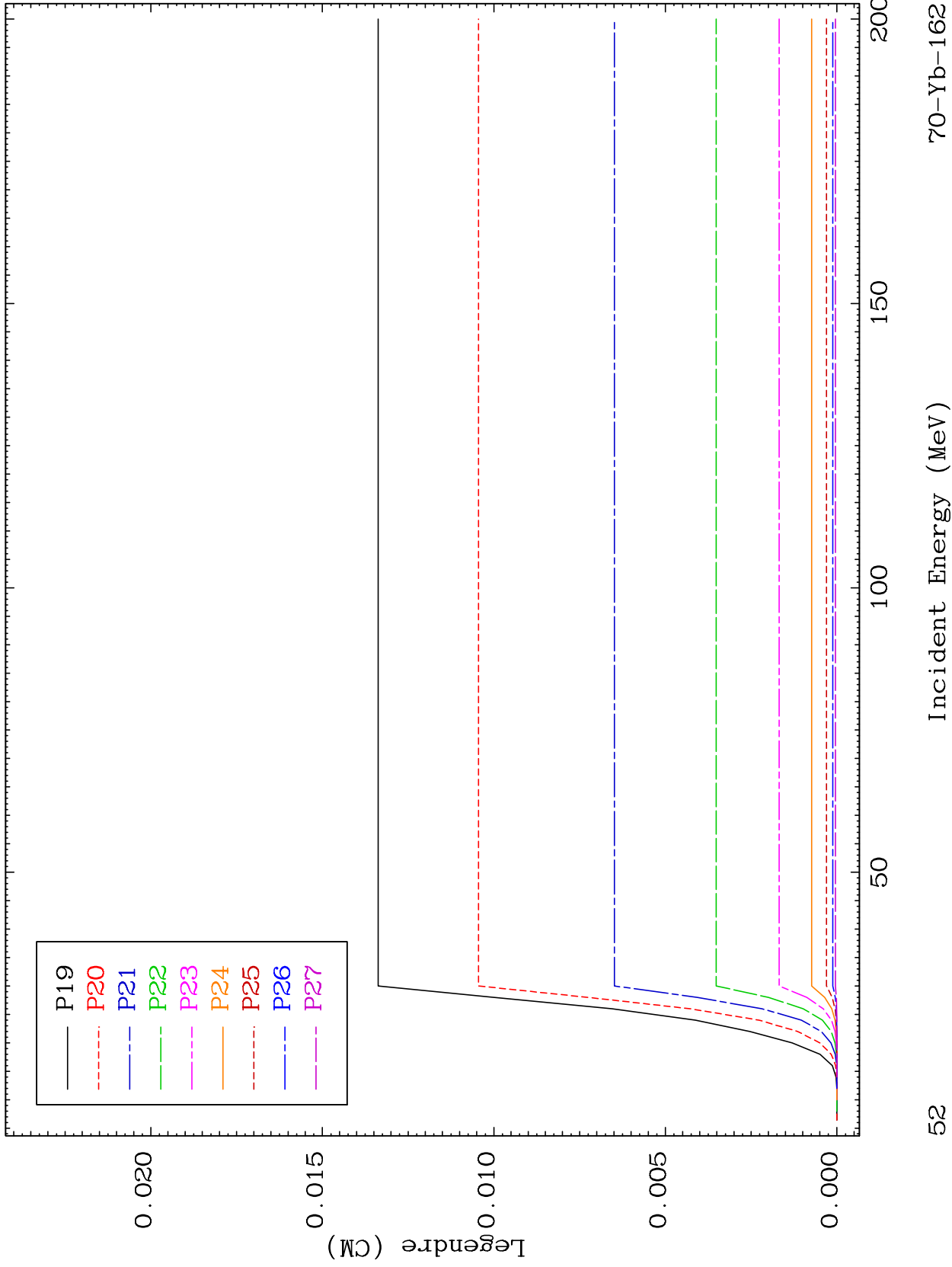
Incident Energy (MeV)

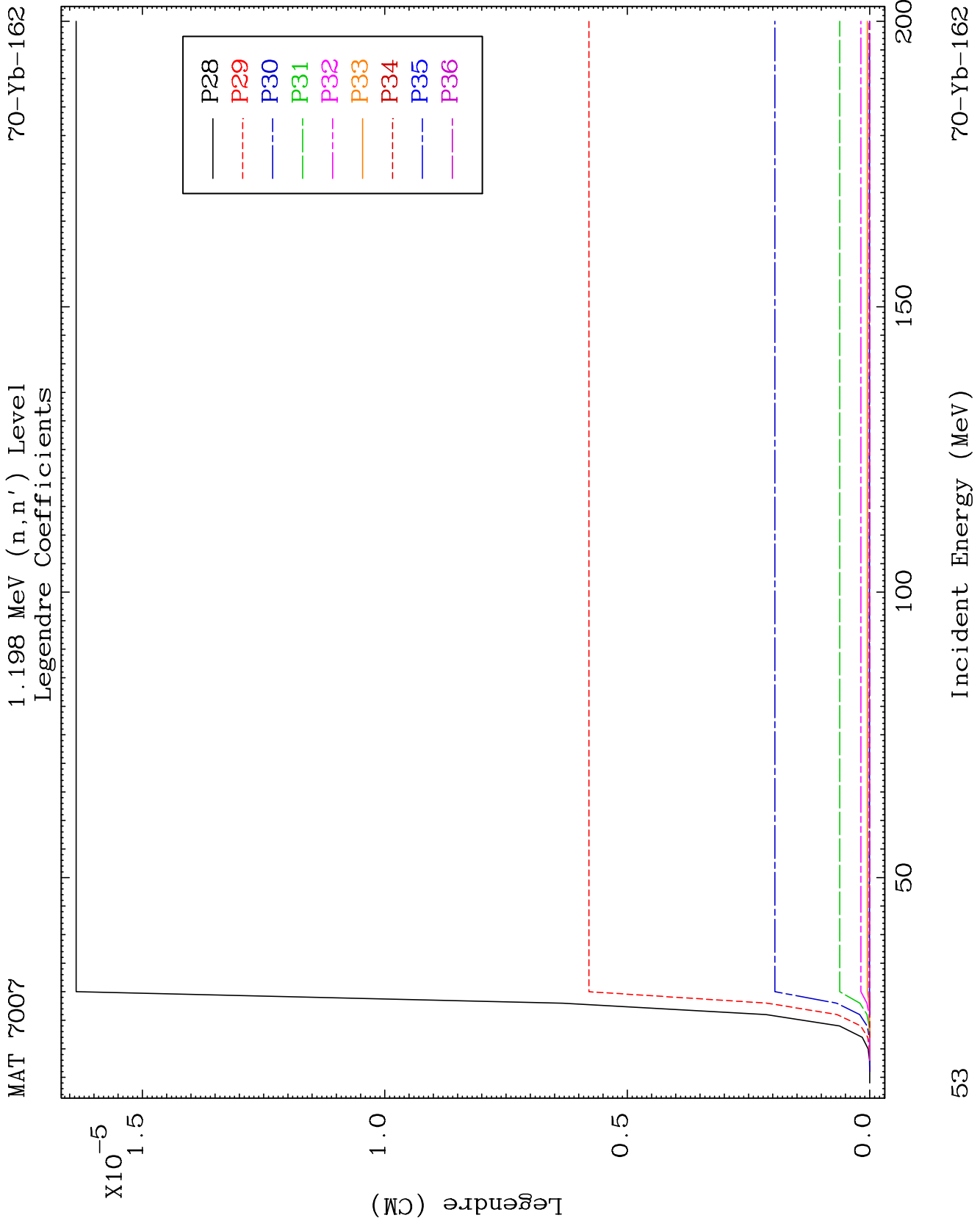
70-Yb-162

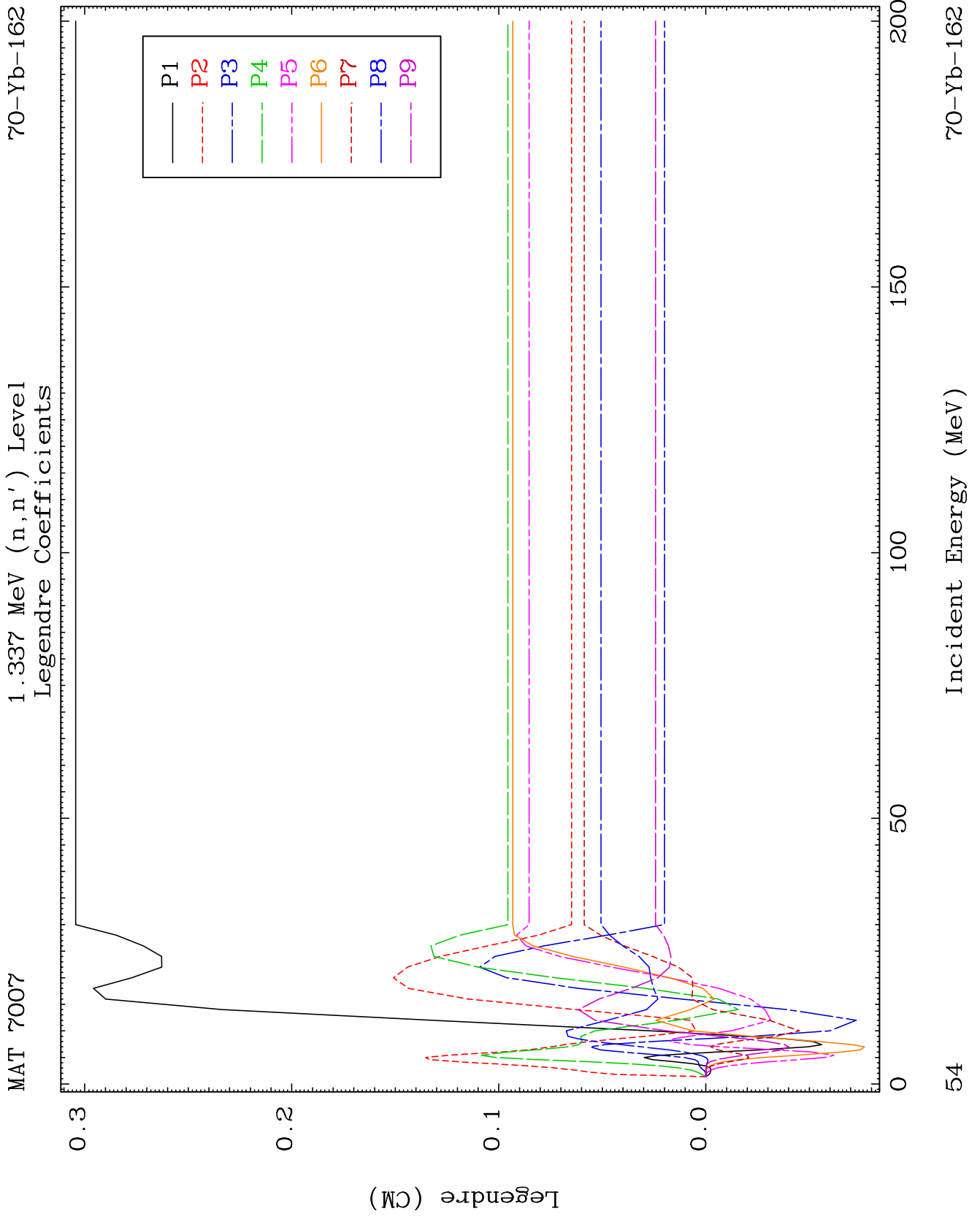


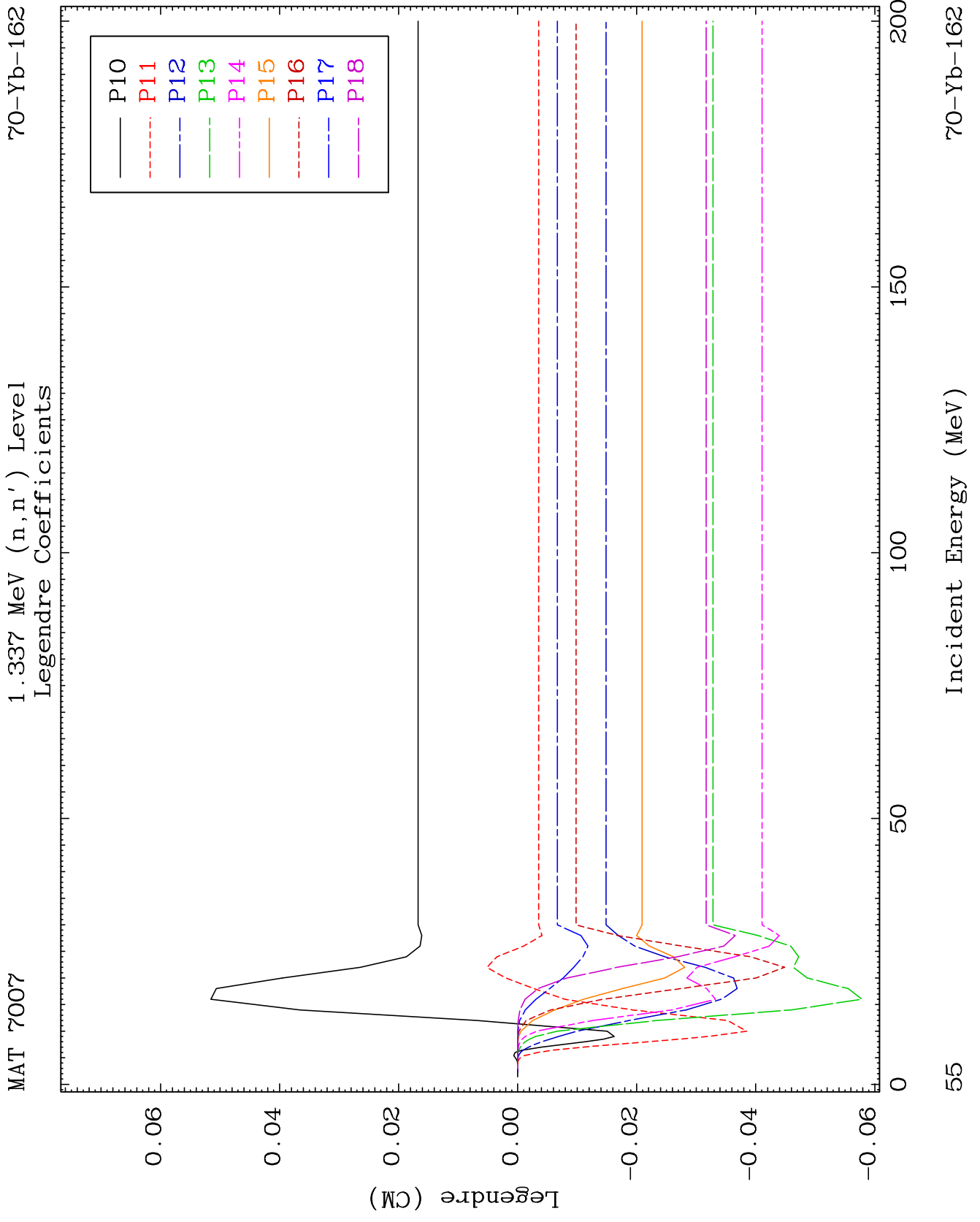




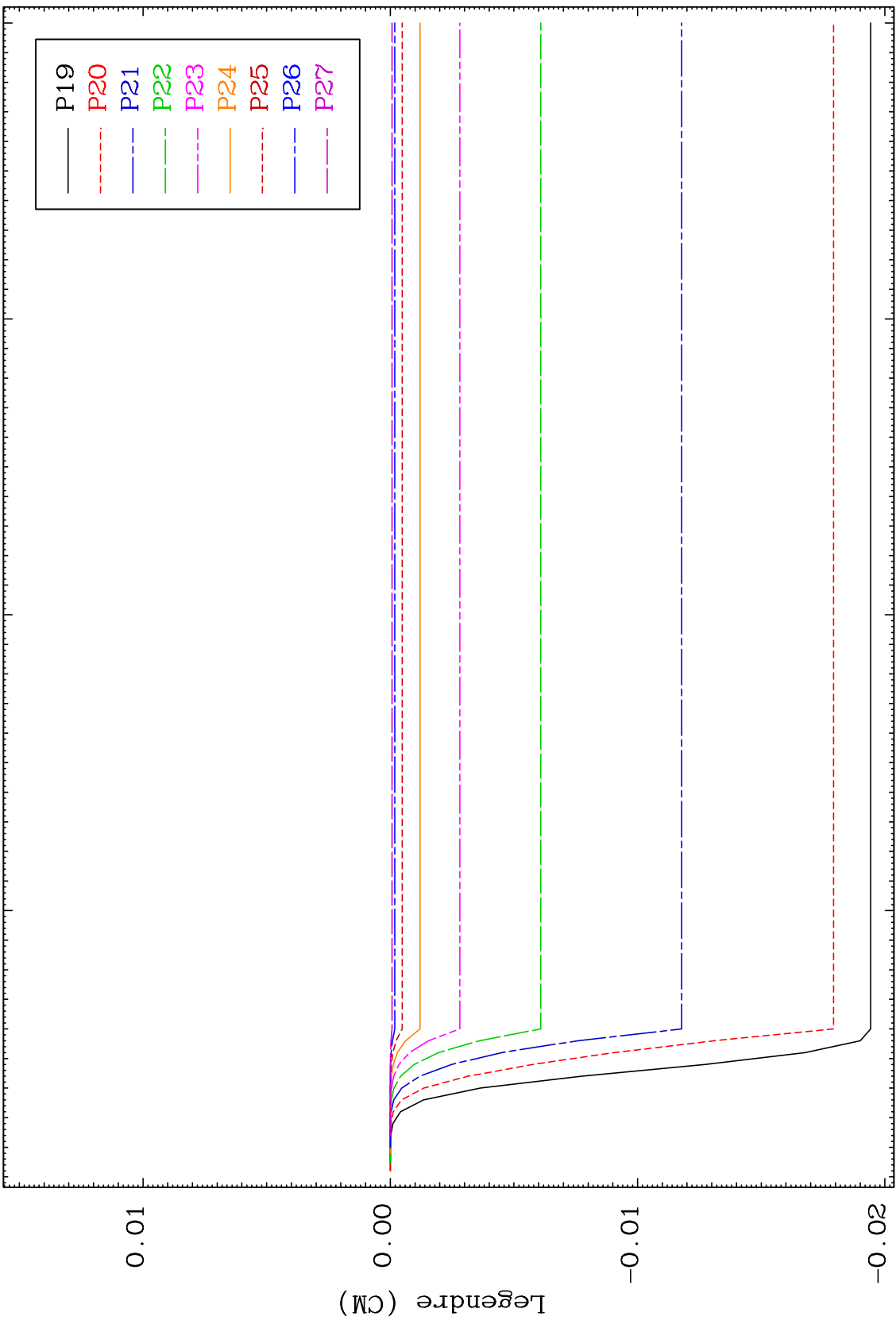


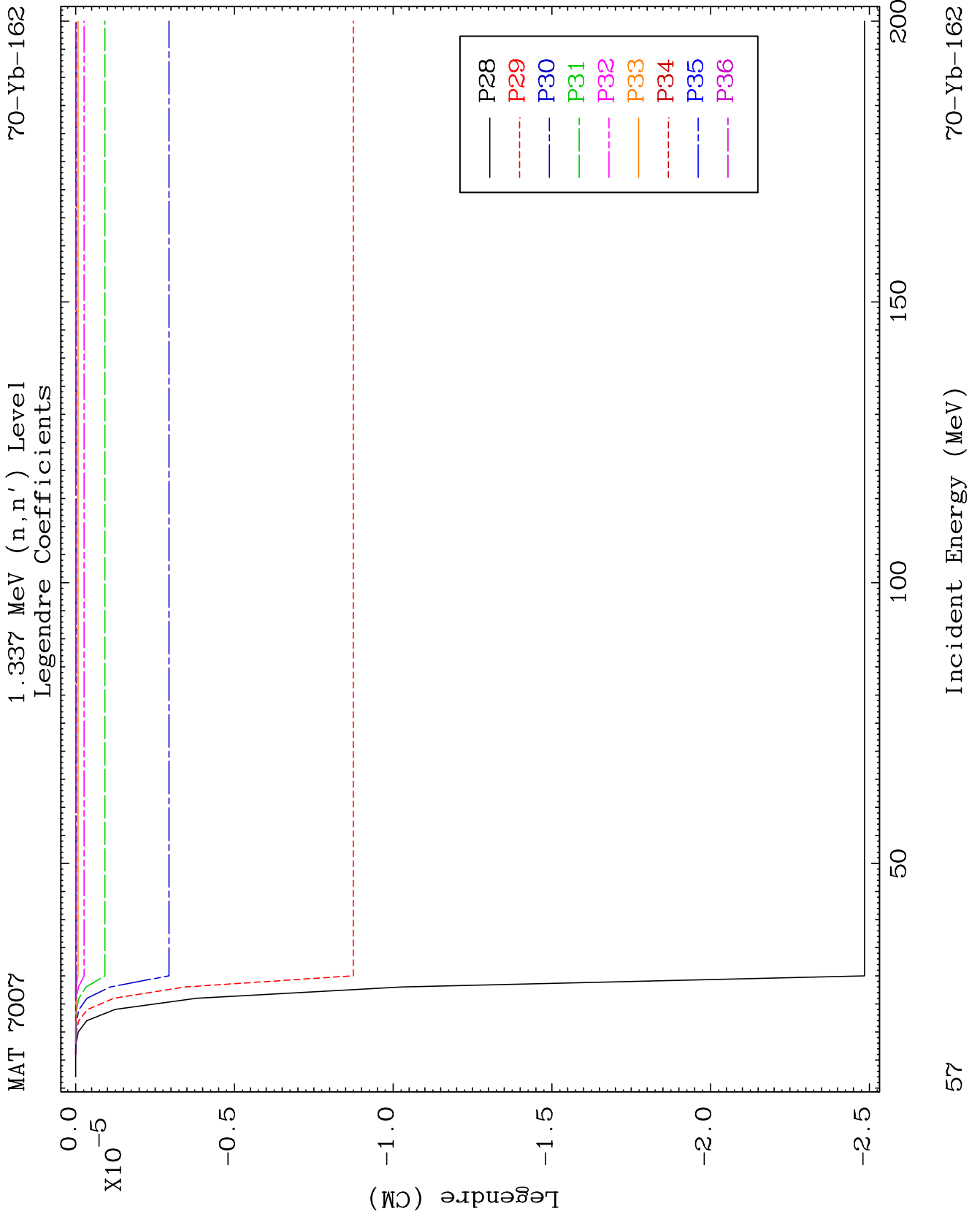


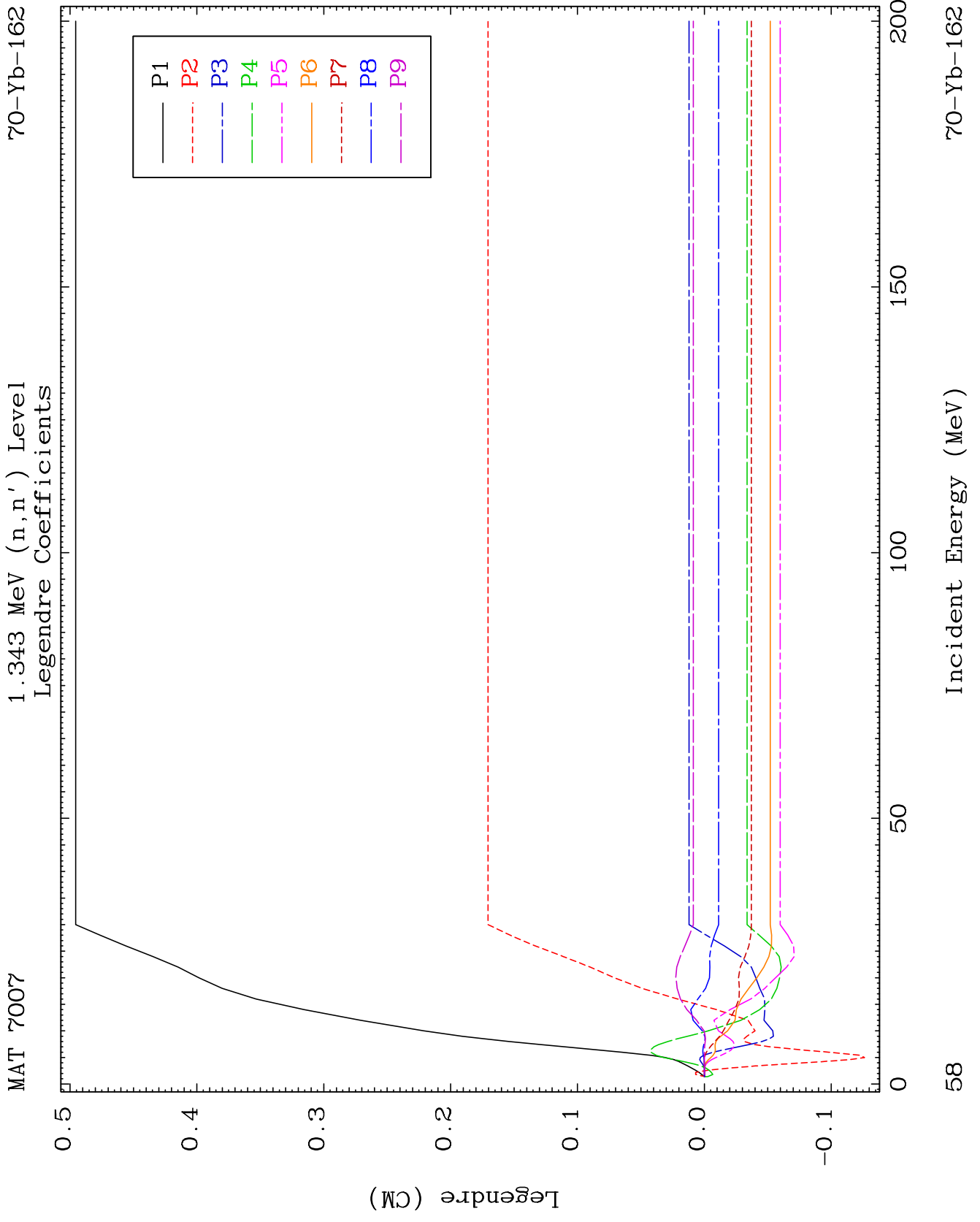








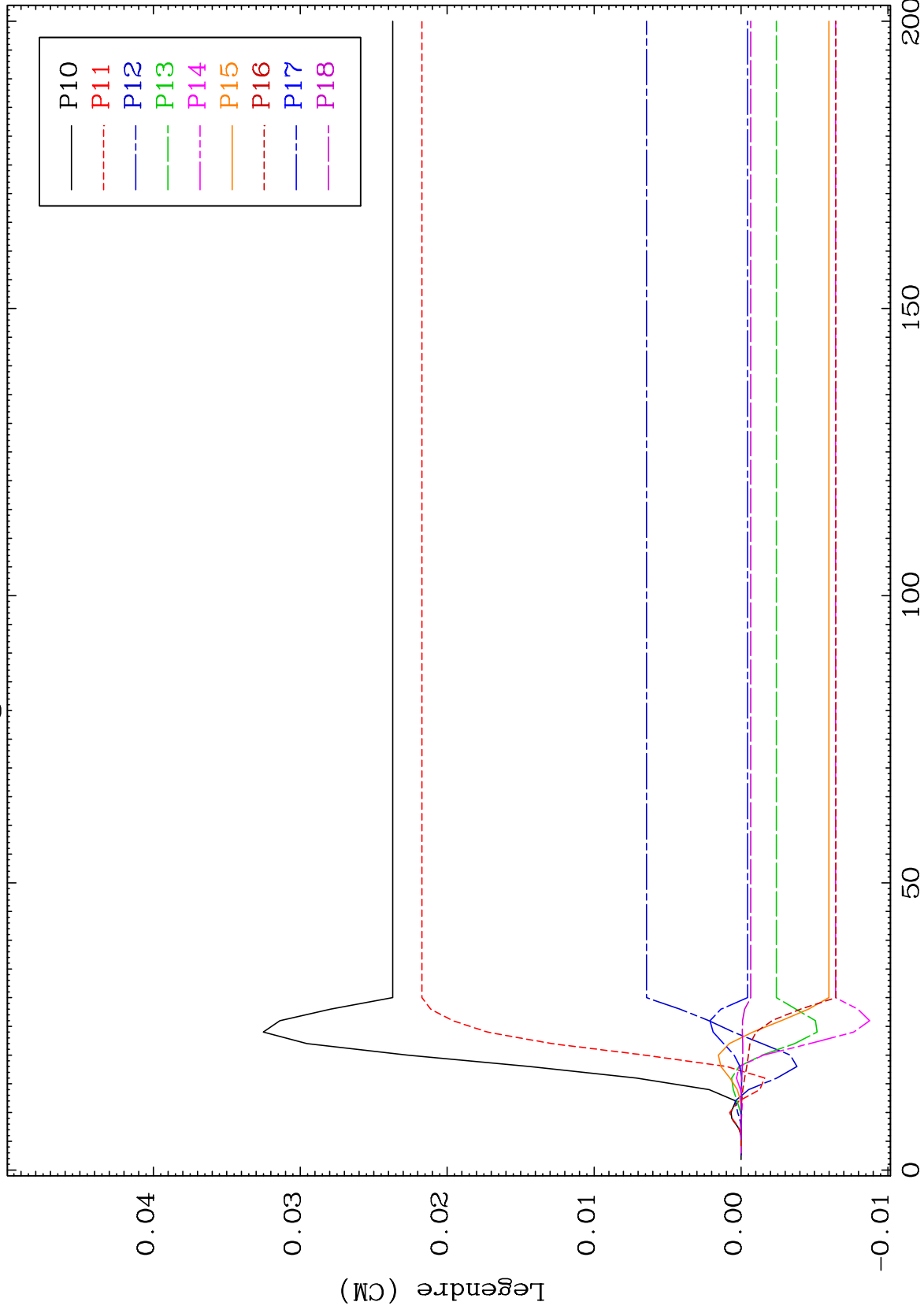




MAT 7007

1.343 MeV (n,n') Level  
Legendre Coefficients

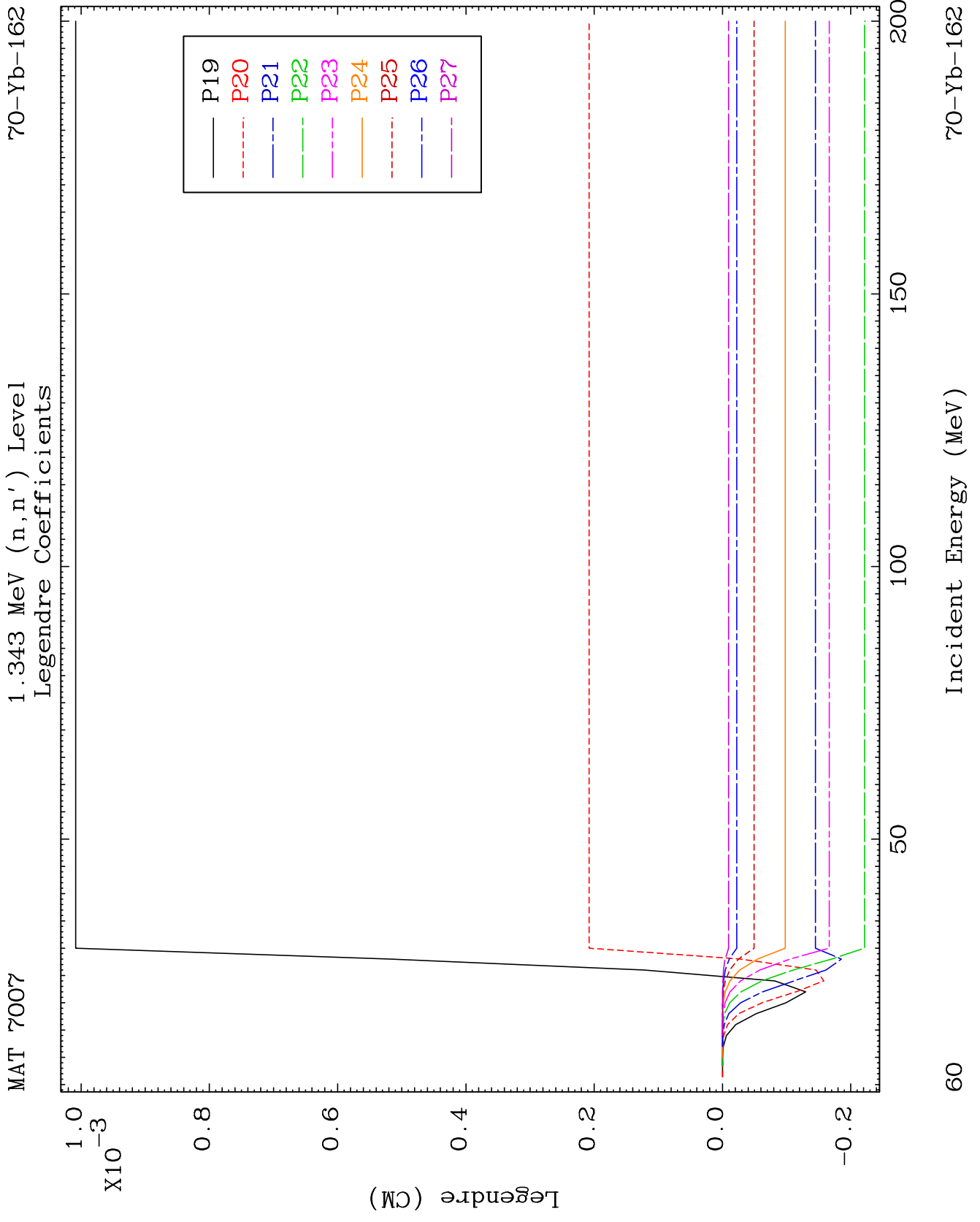
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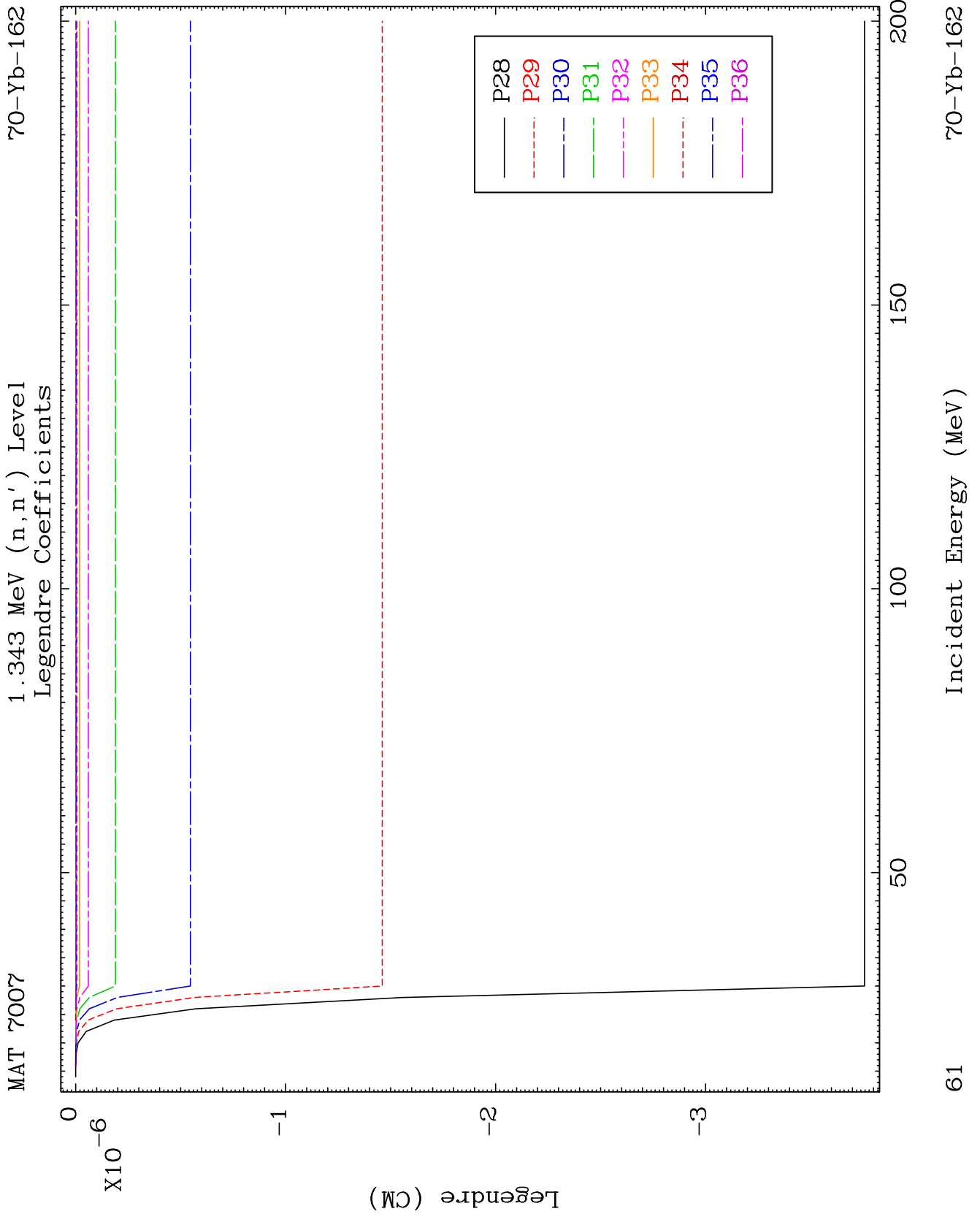


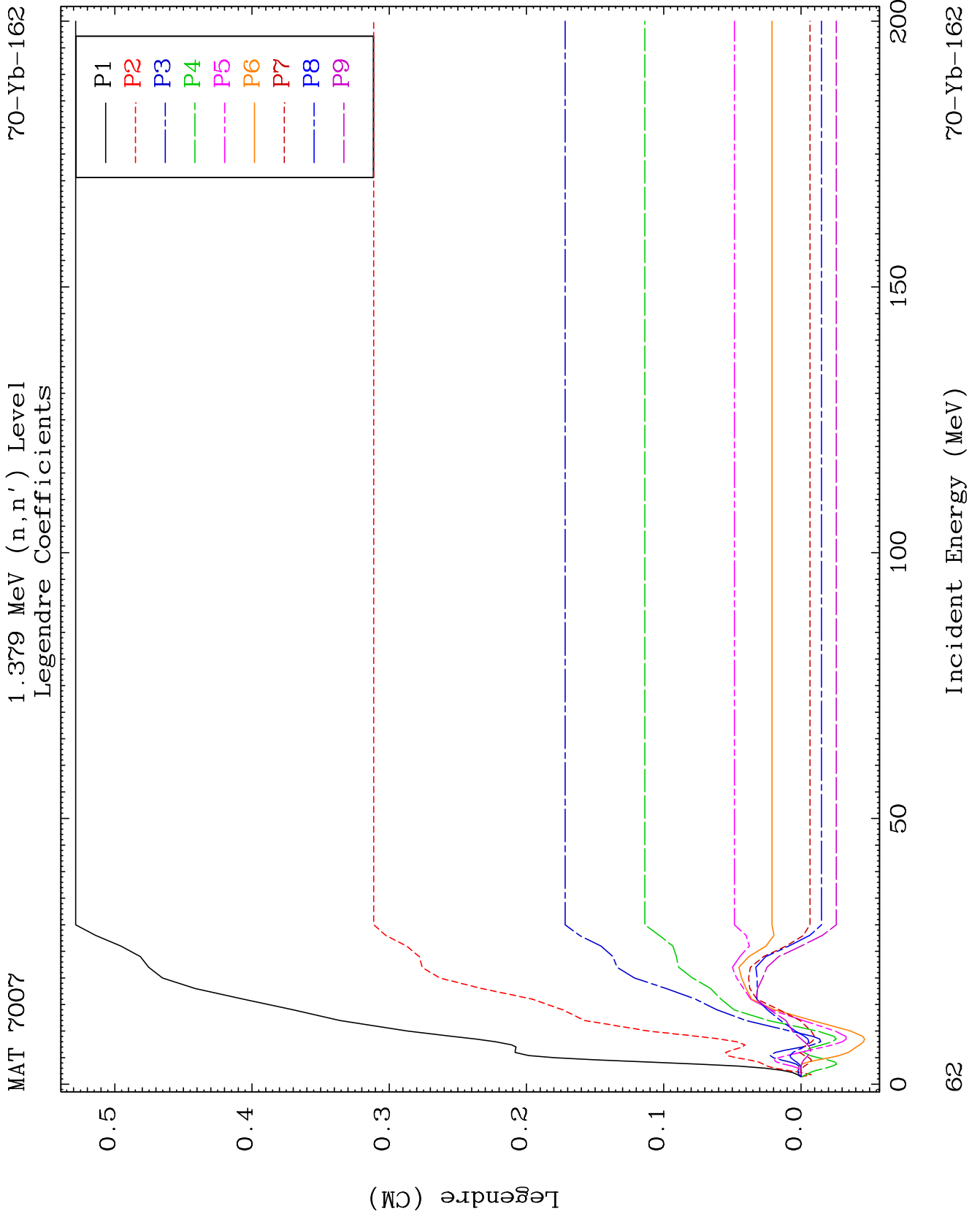
59

Incident Energy (MeV)

70-Yb-162







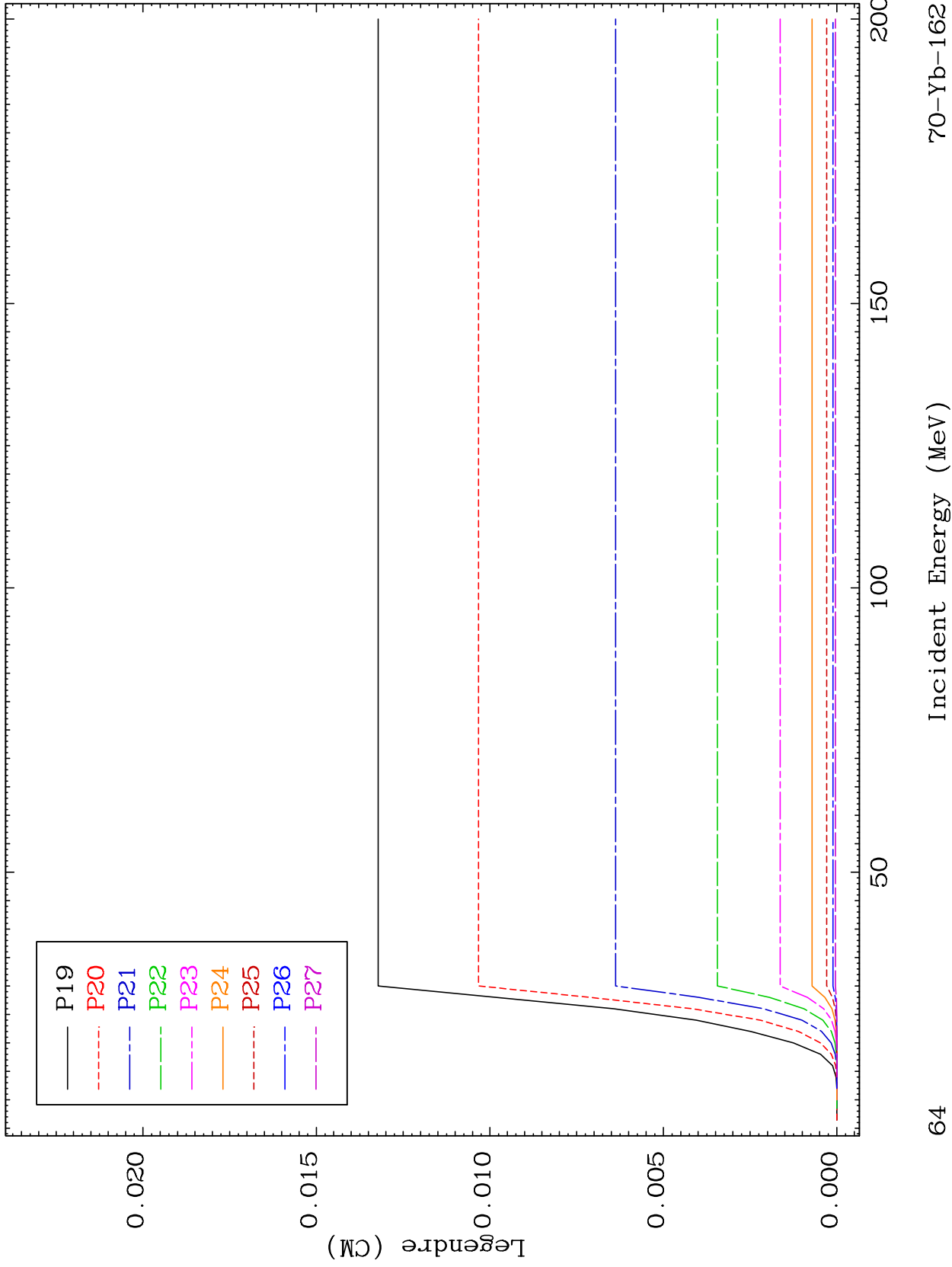


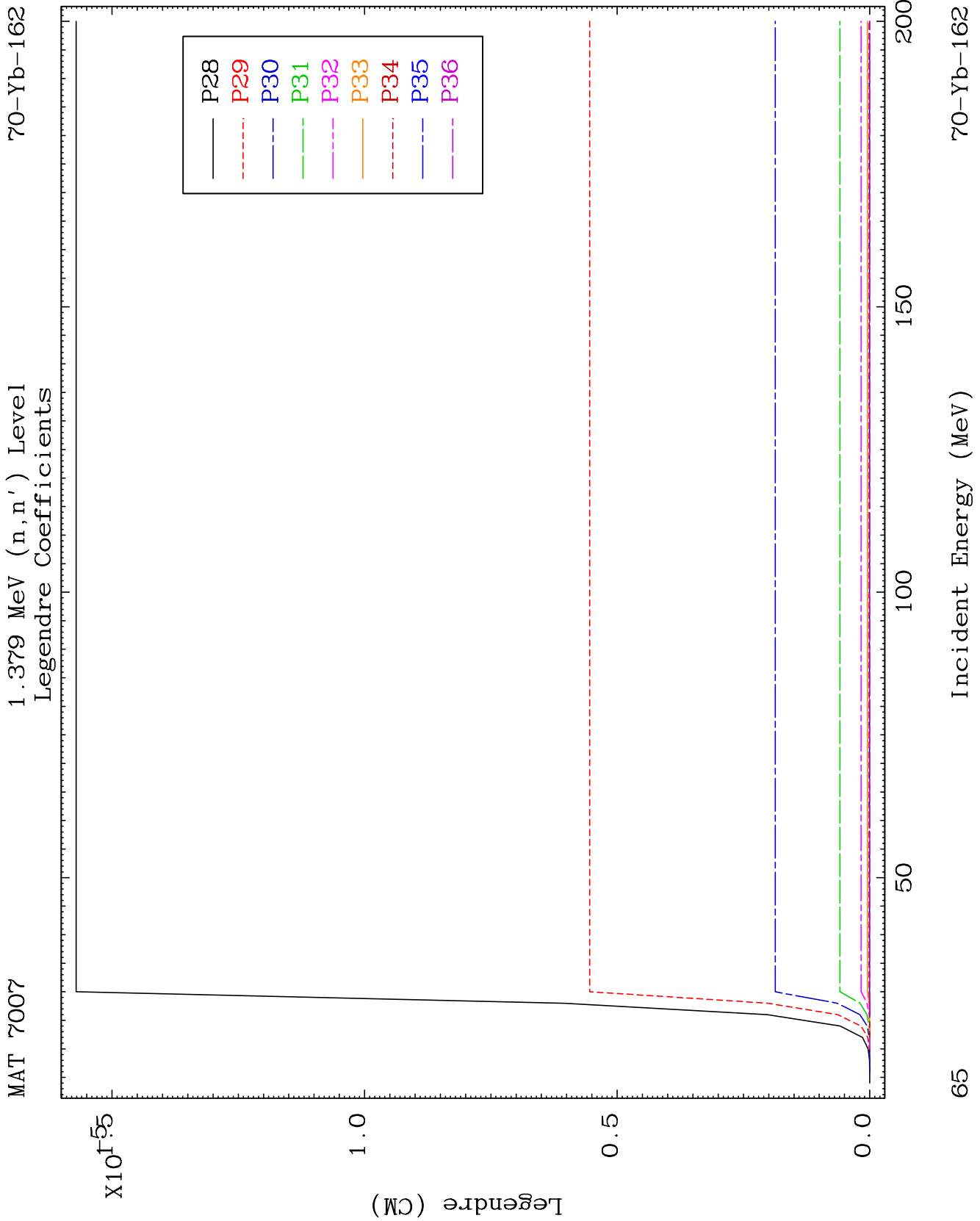


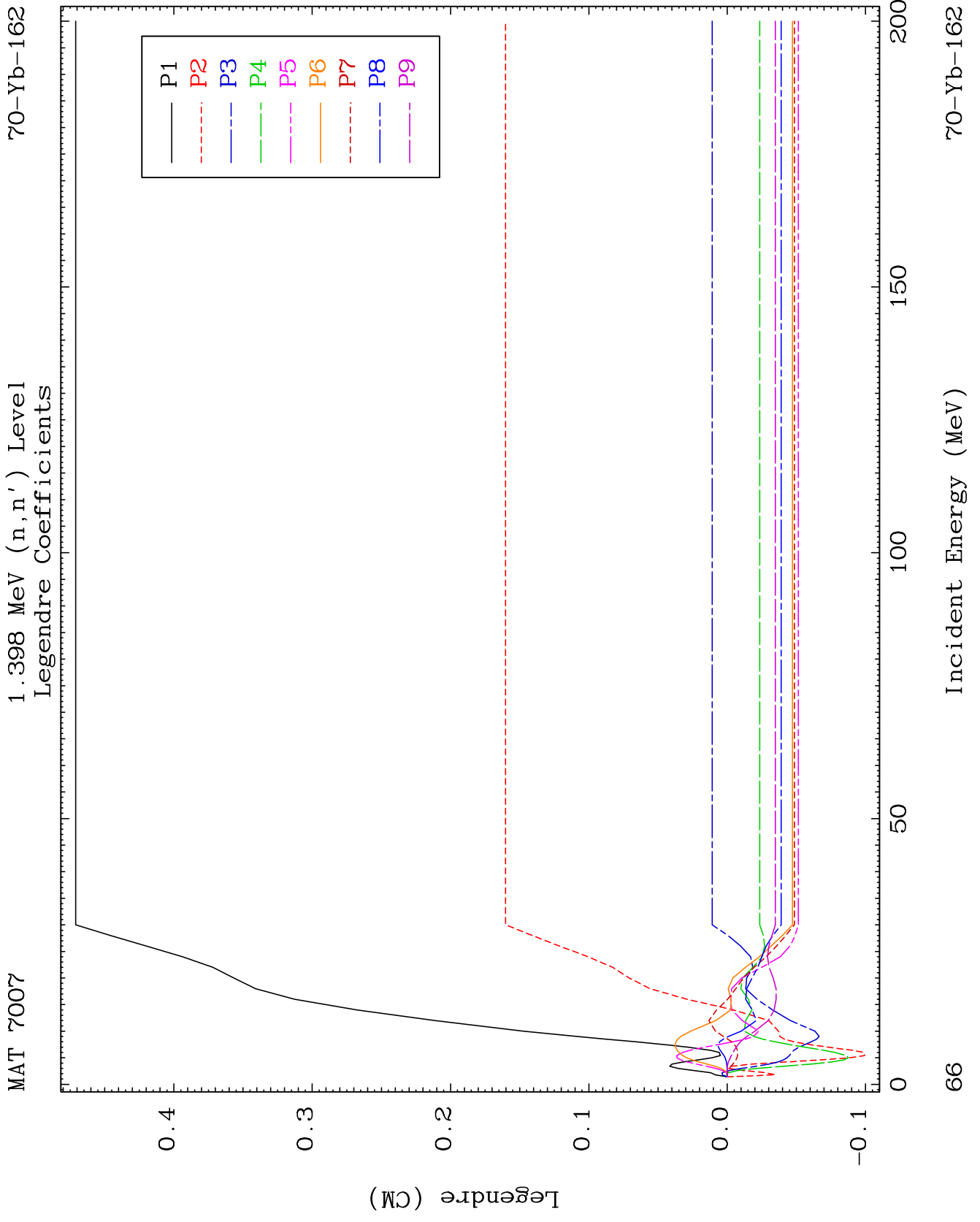
MAT 7007

1.379 MeV (n, n') Level  
Legendre Coefficients

70-Yb-162



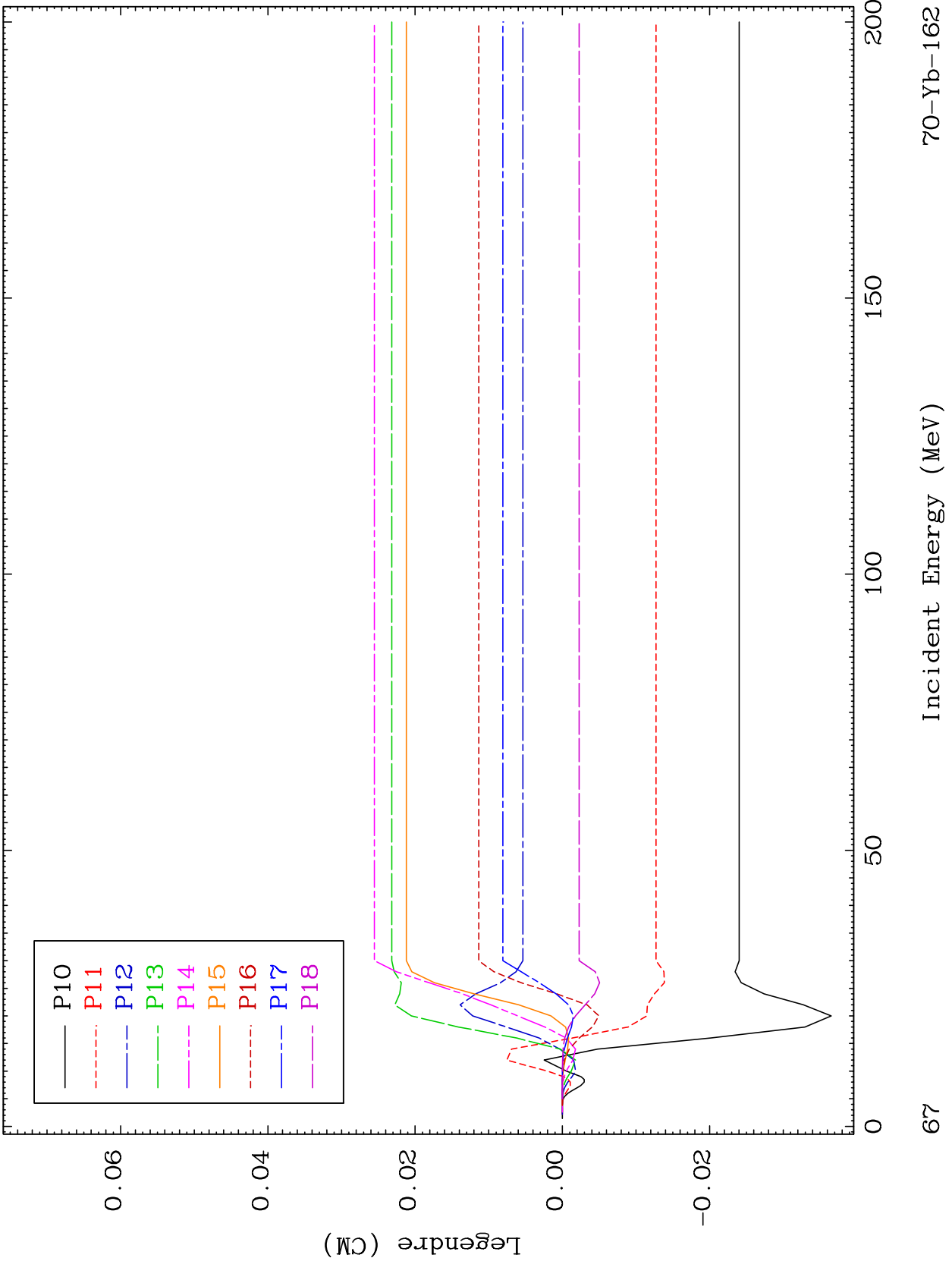




MAT 7007

1.398 MeV (n,n') Level  
Legendre Coefficients

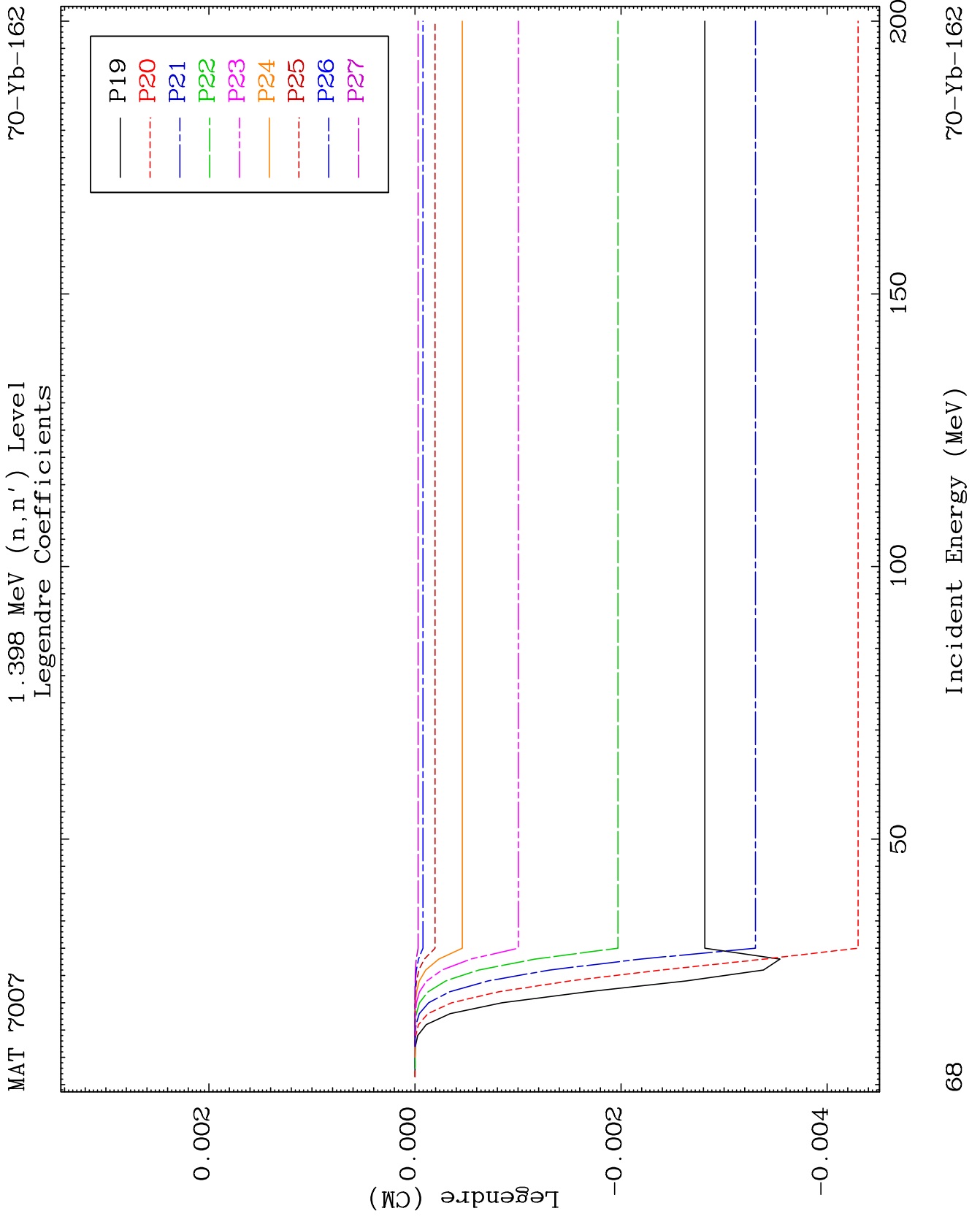
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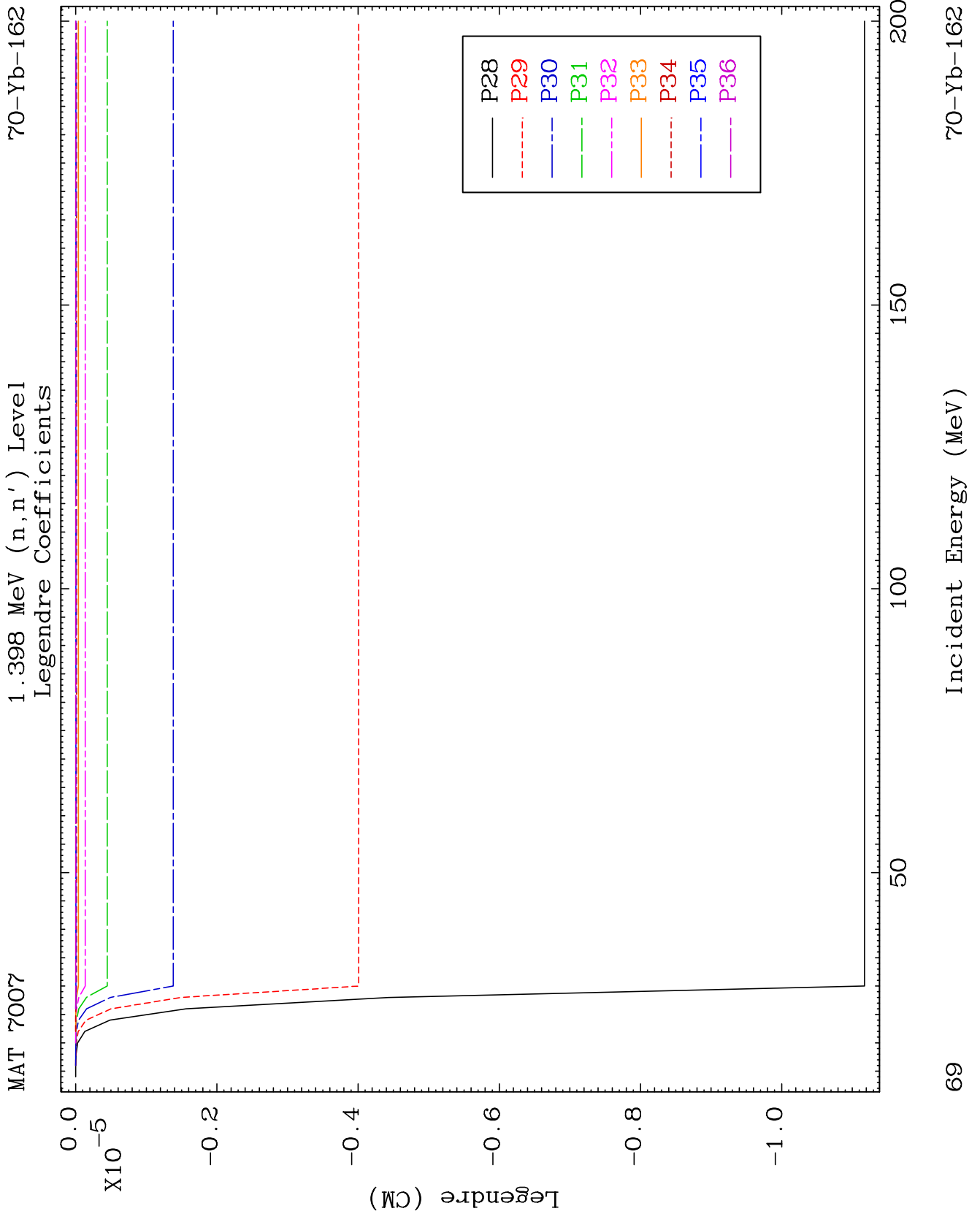


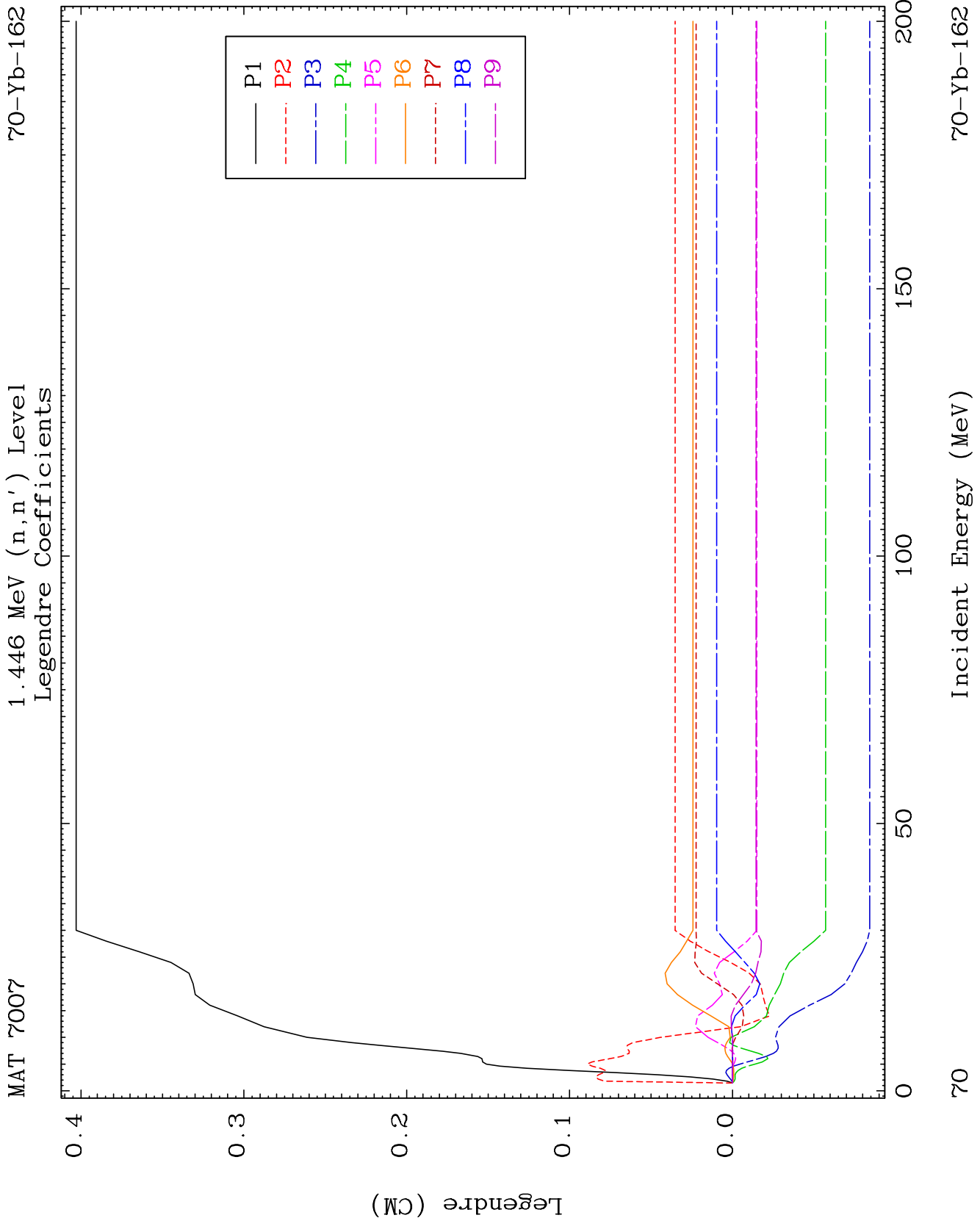
67

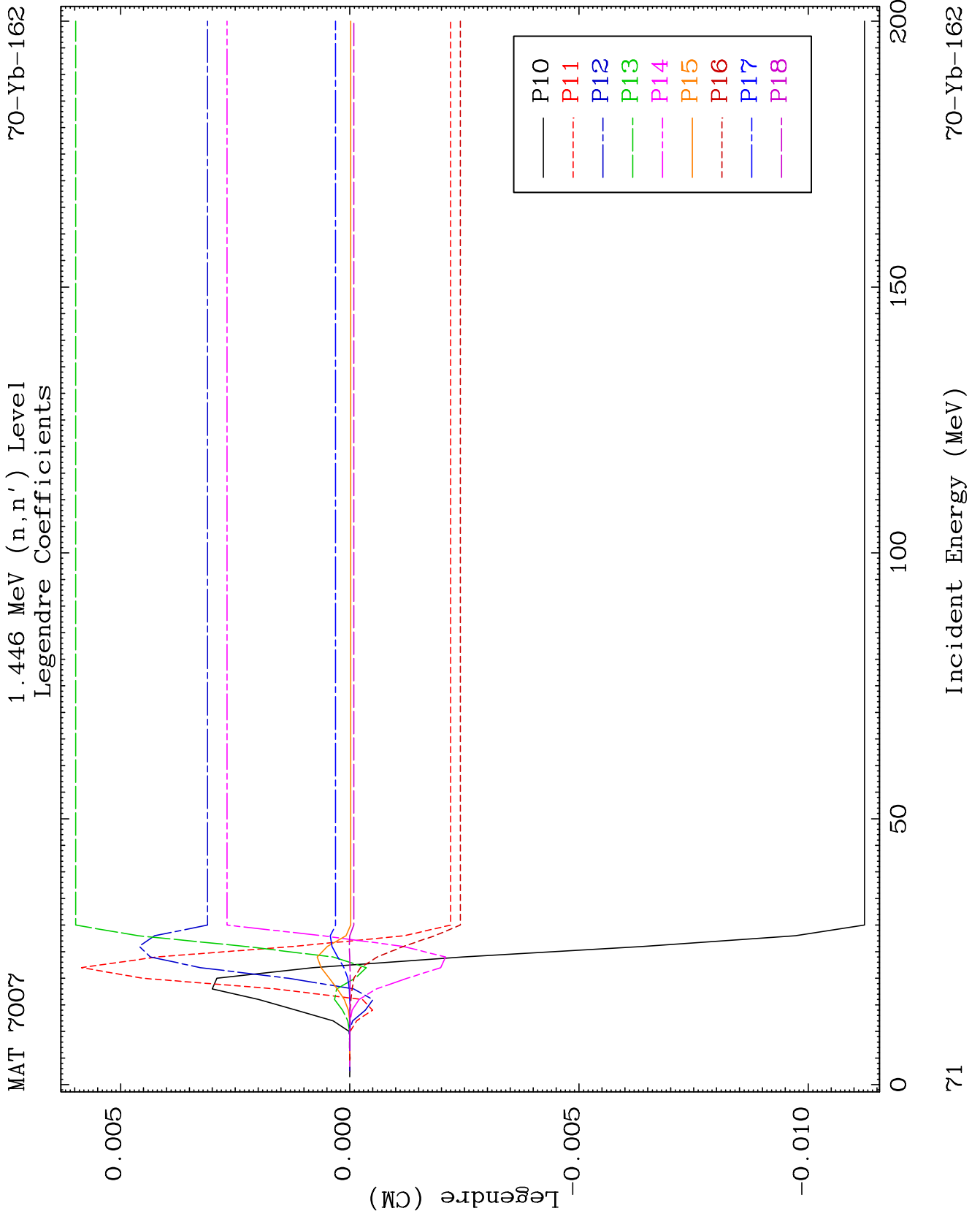
Incident Energy (MeV)

70-Yb-162



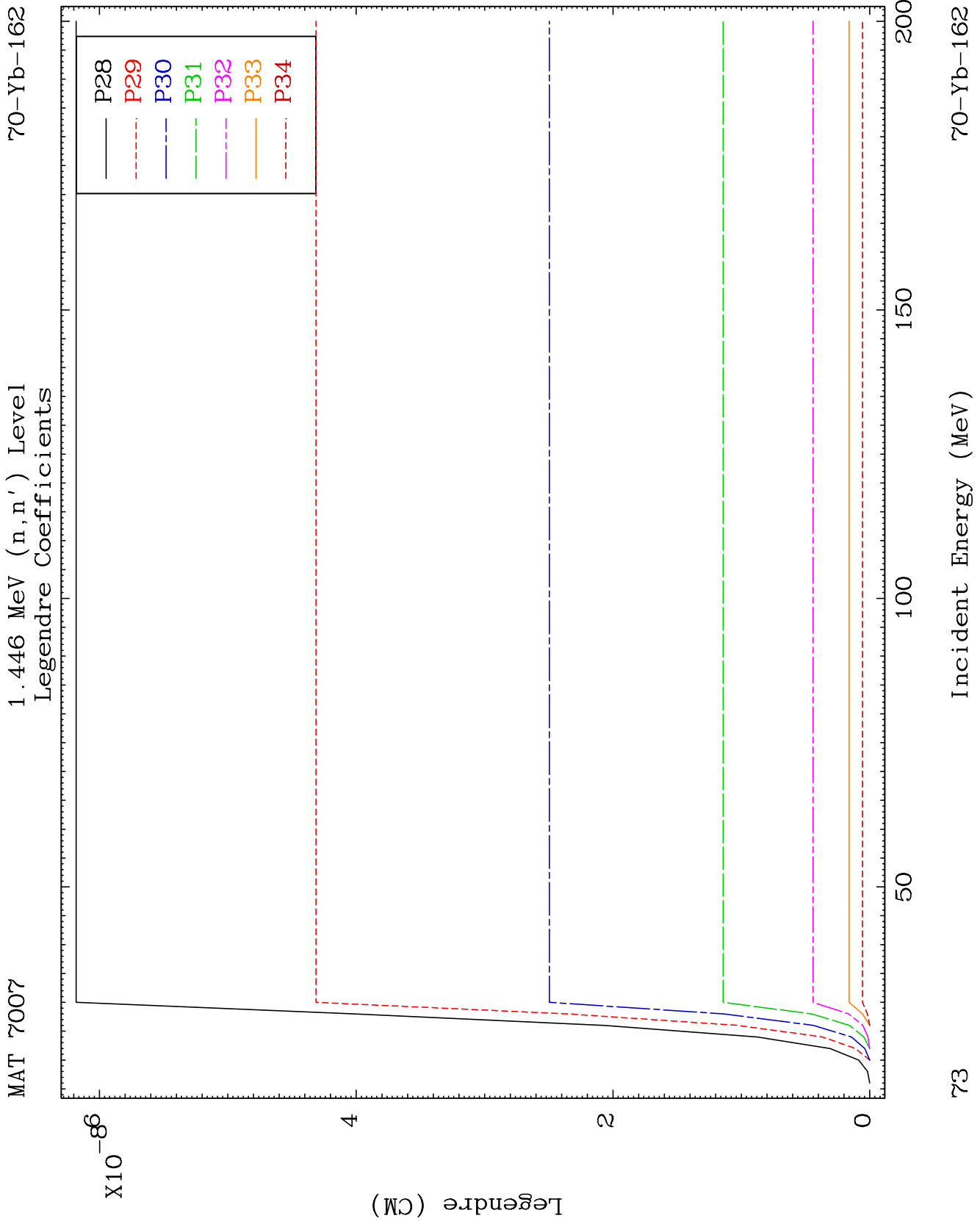




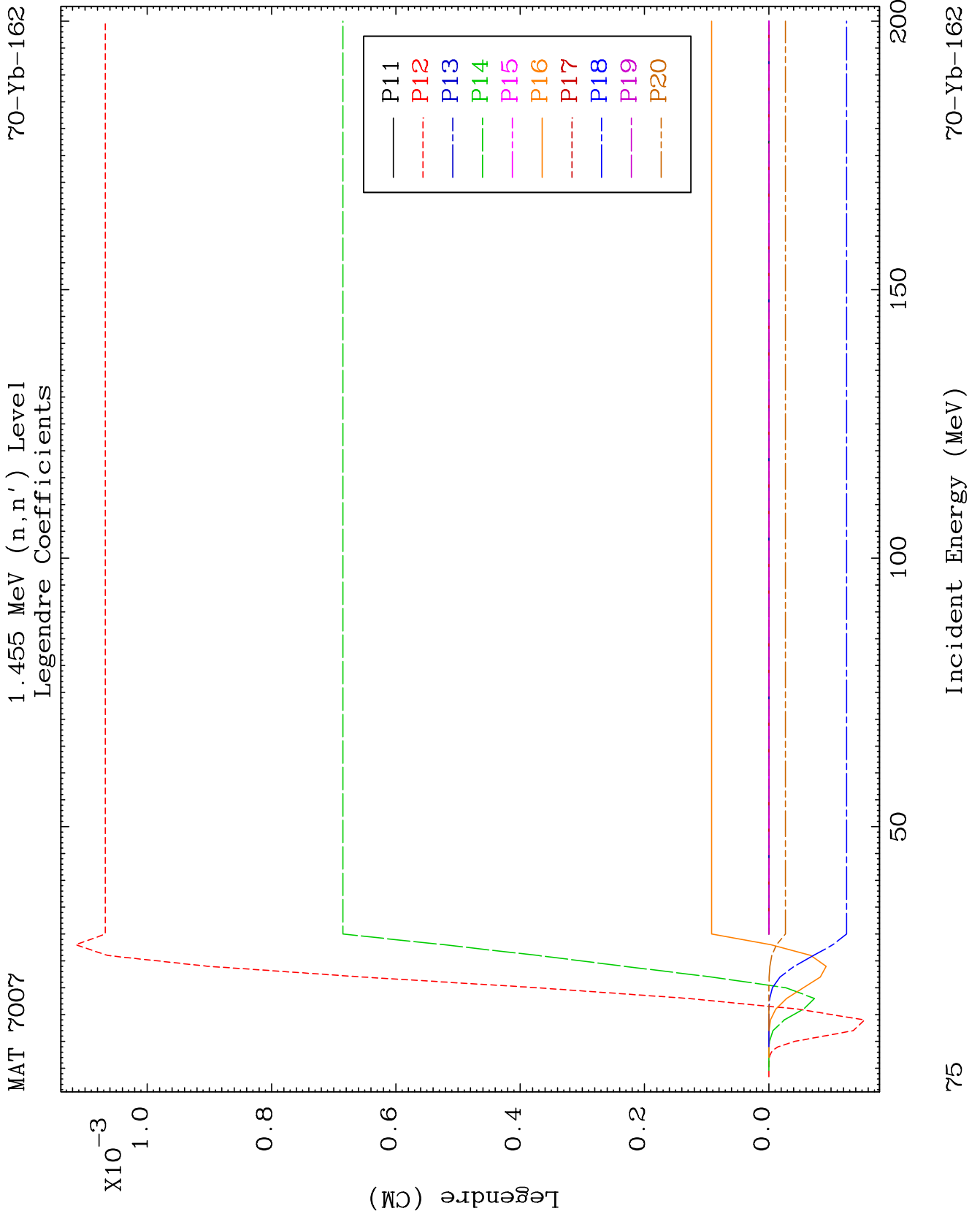


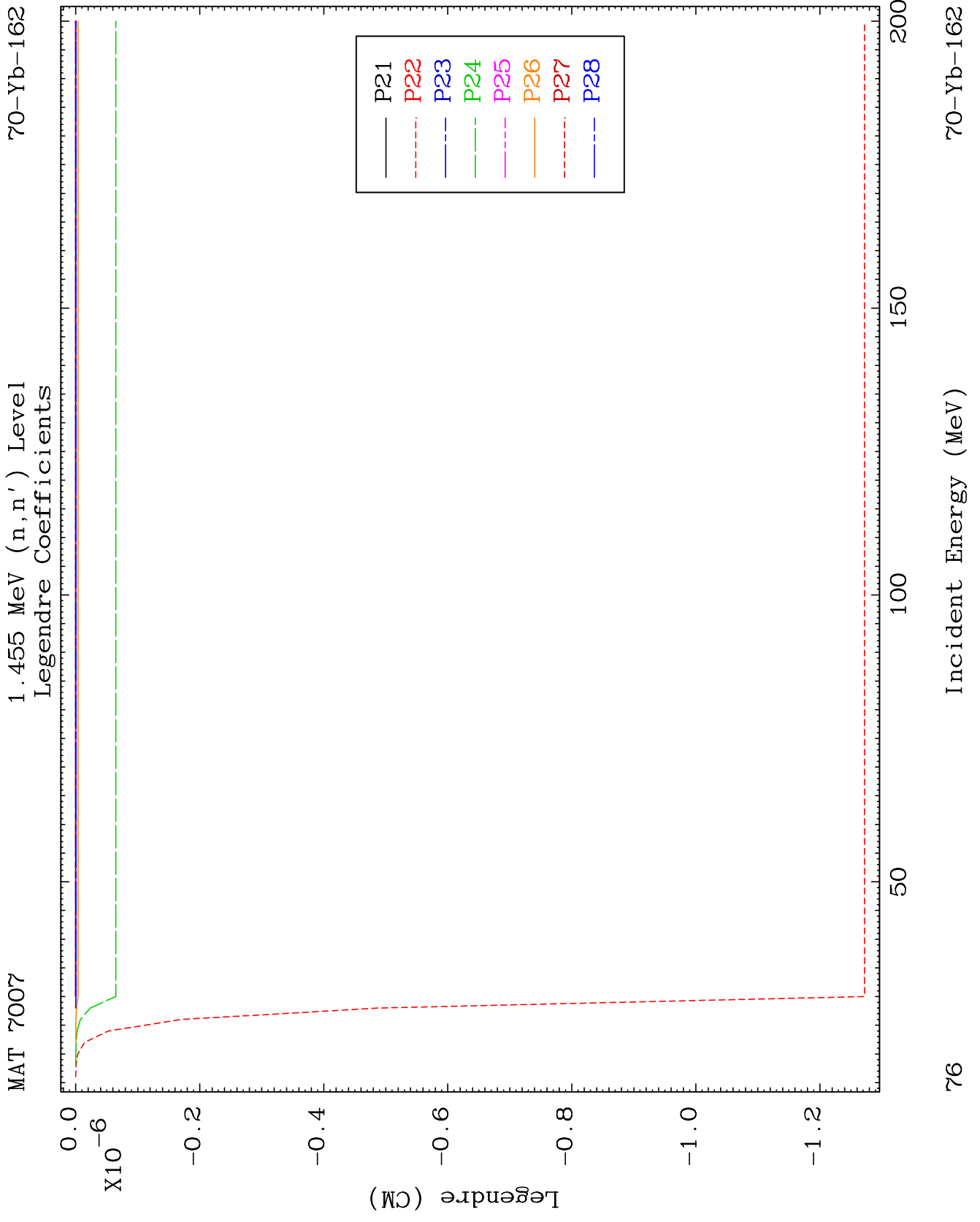


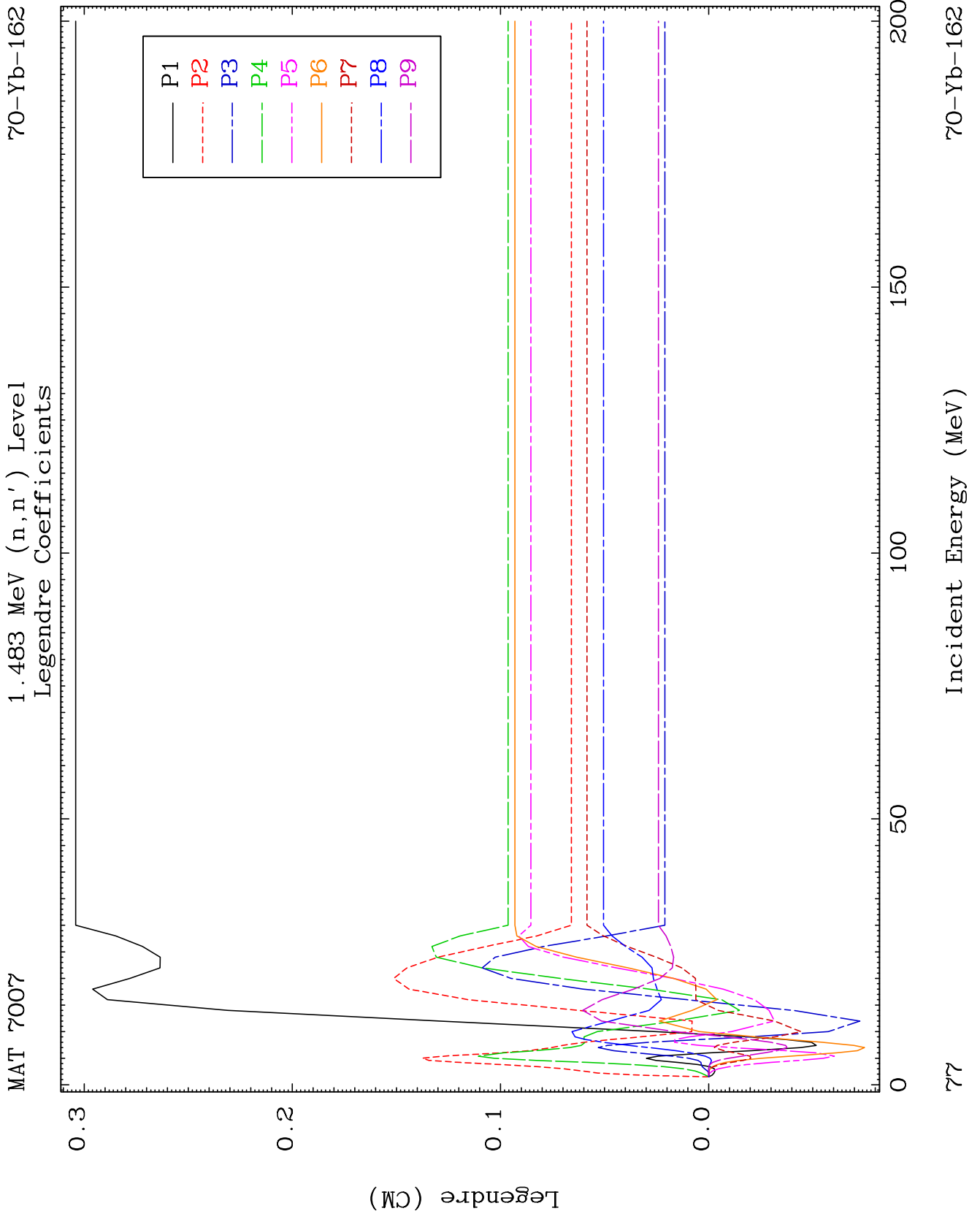


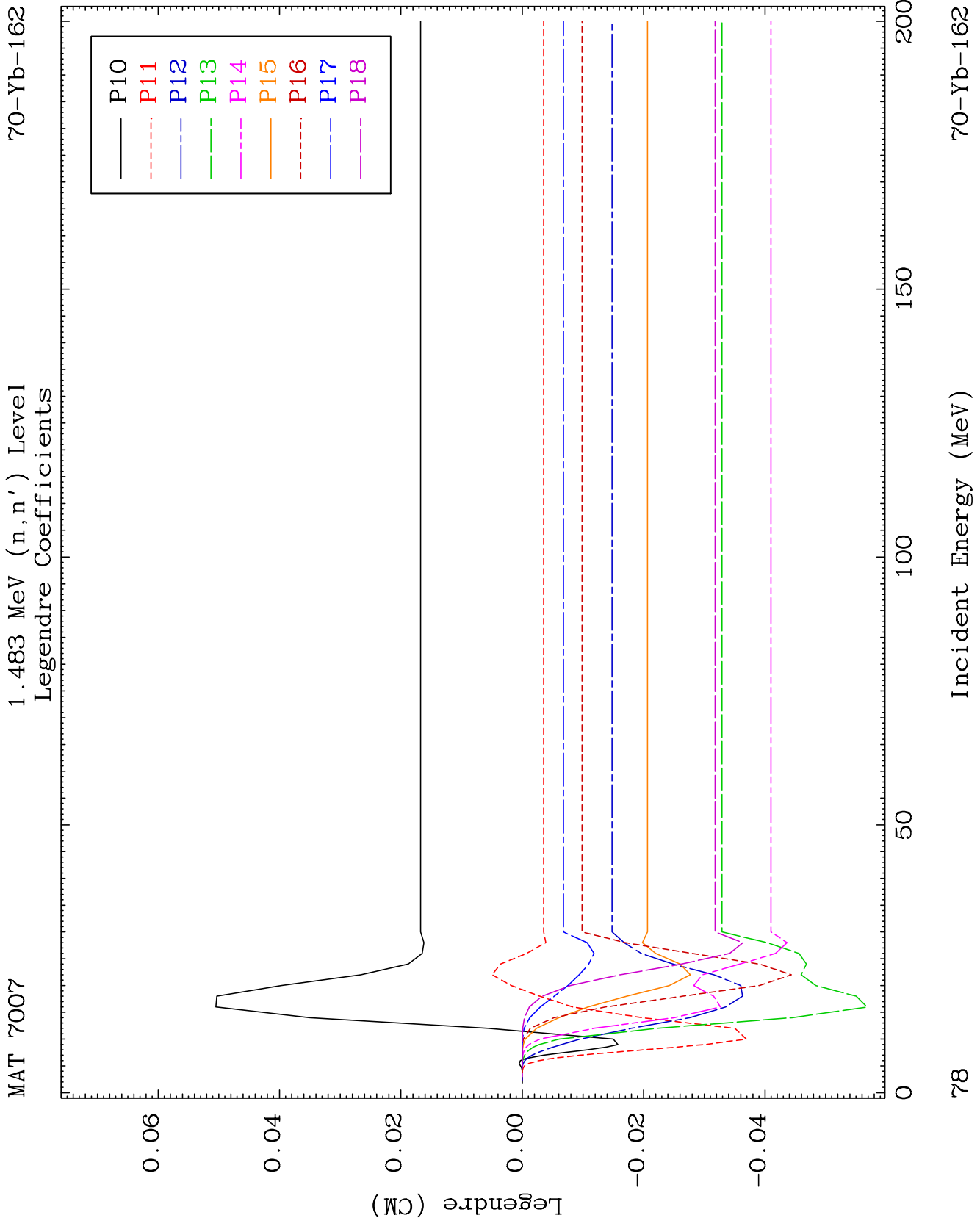


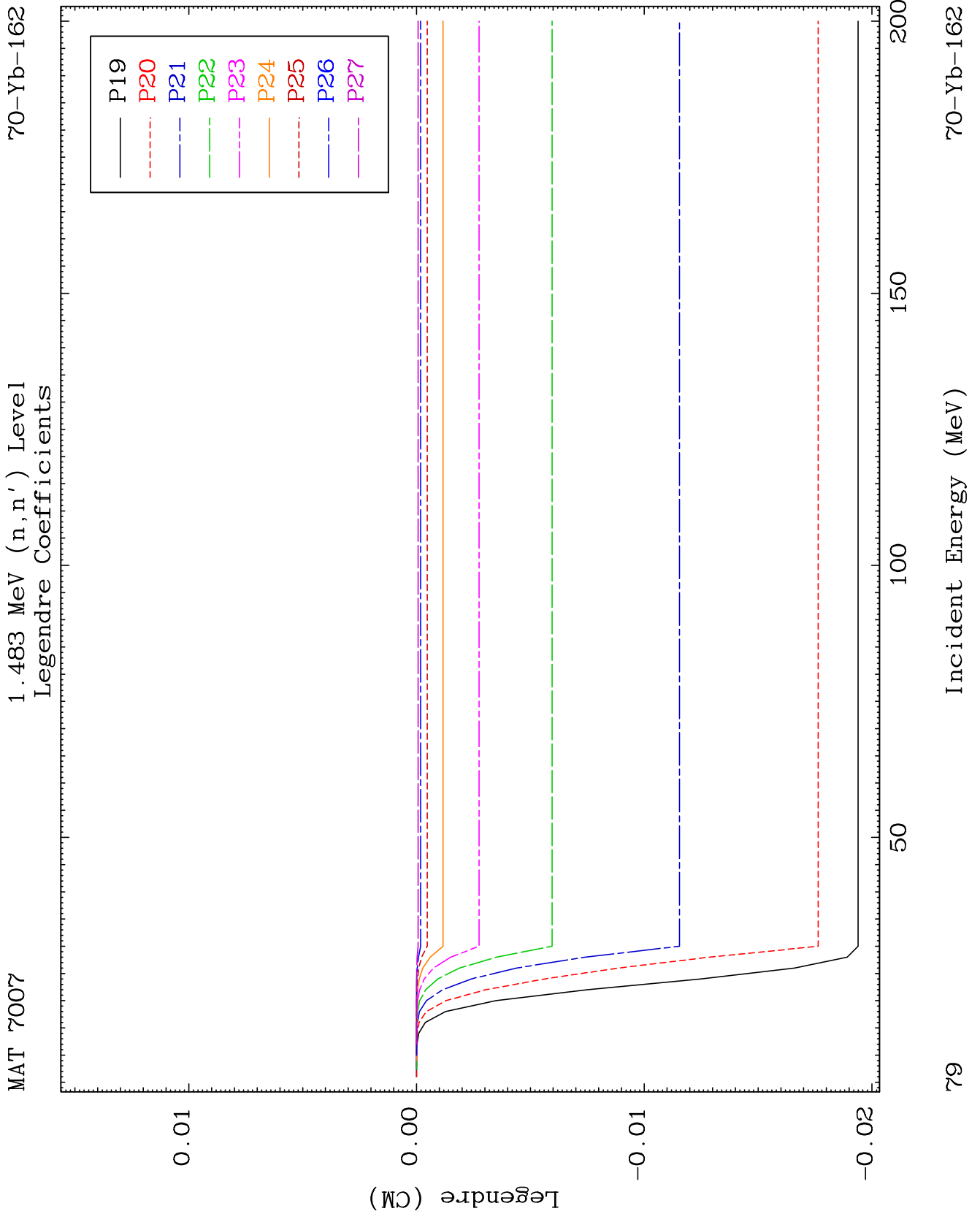




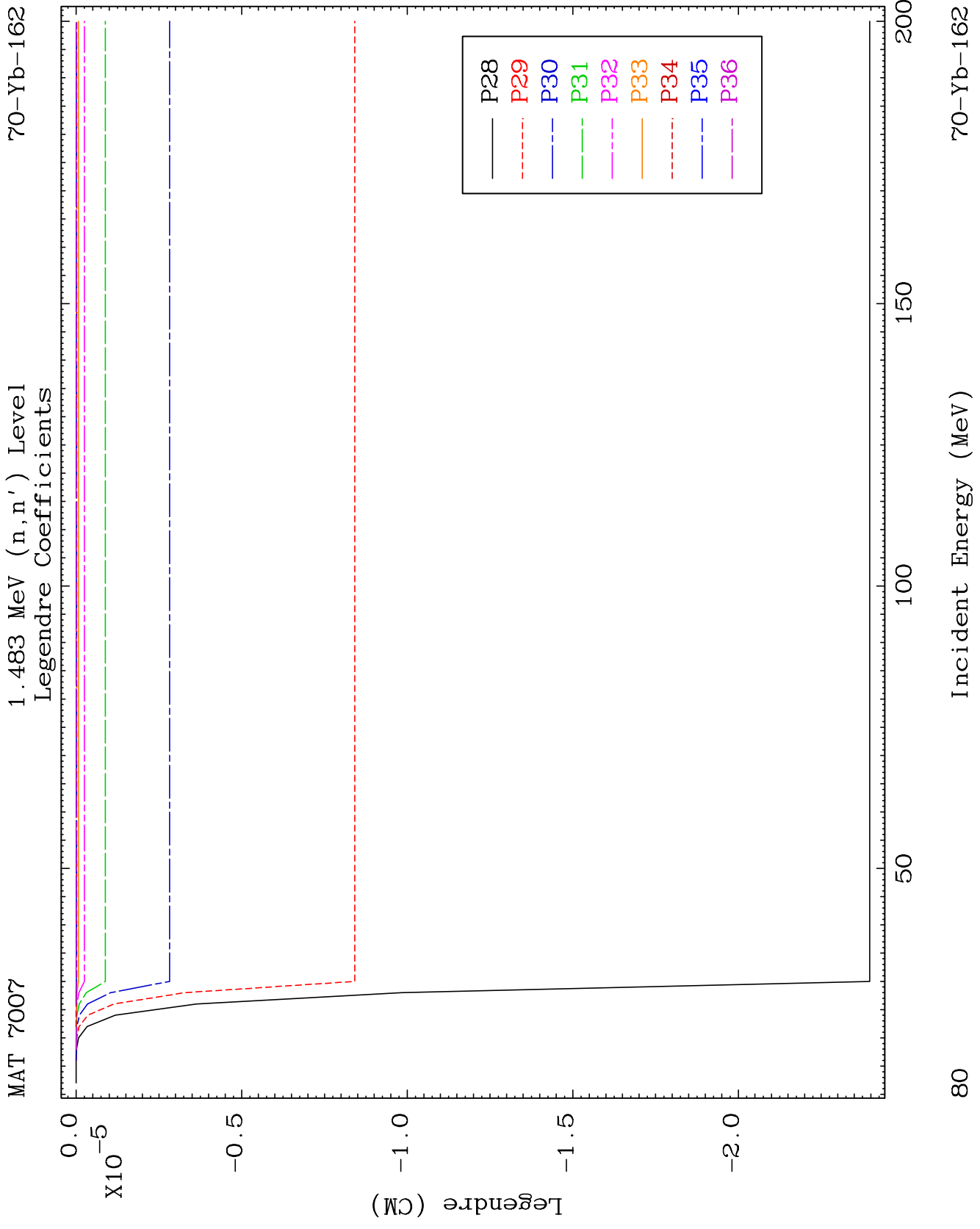


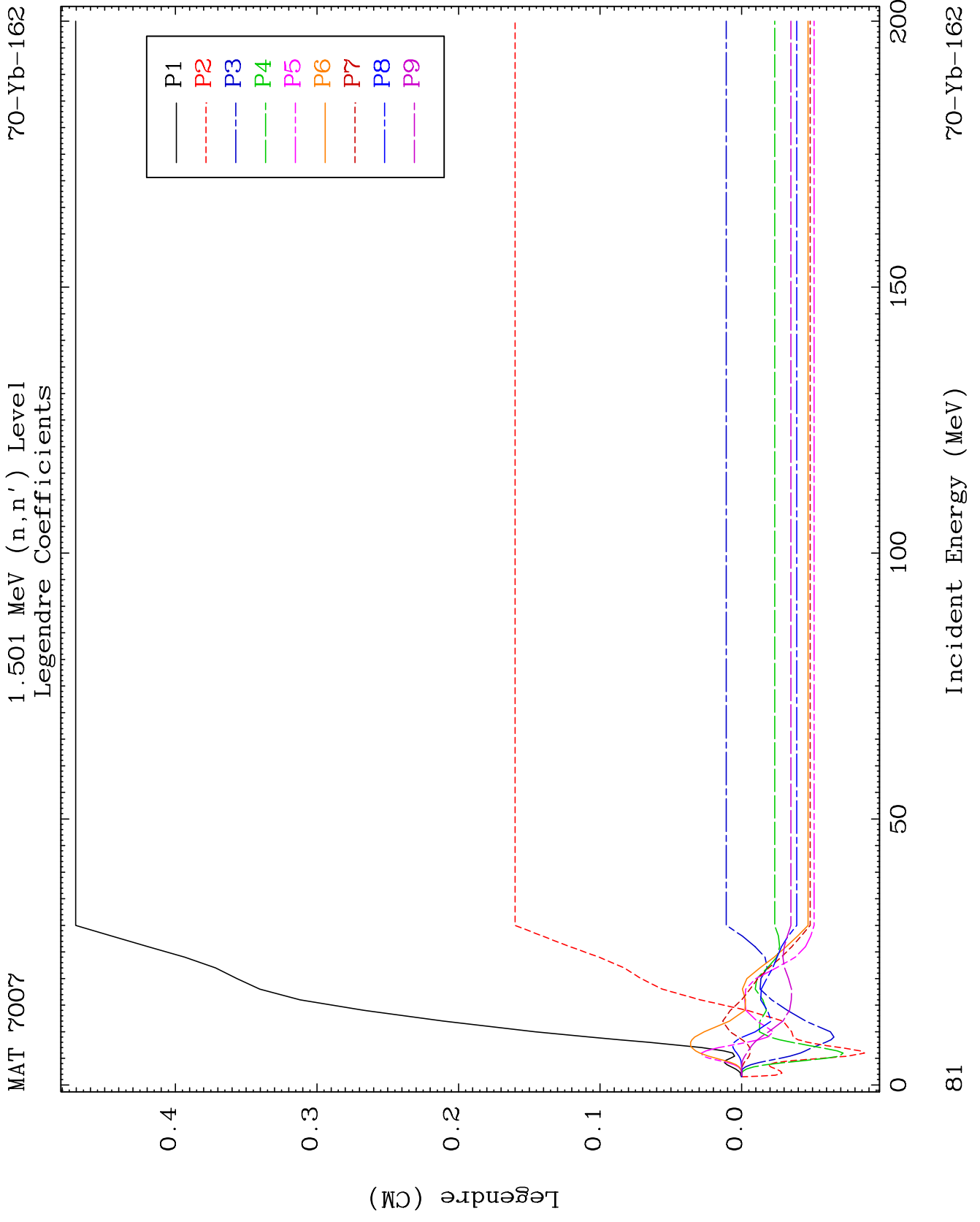








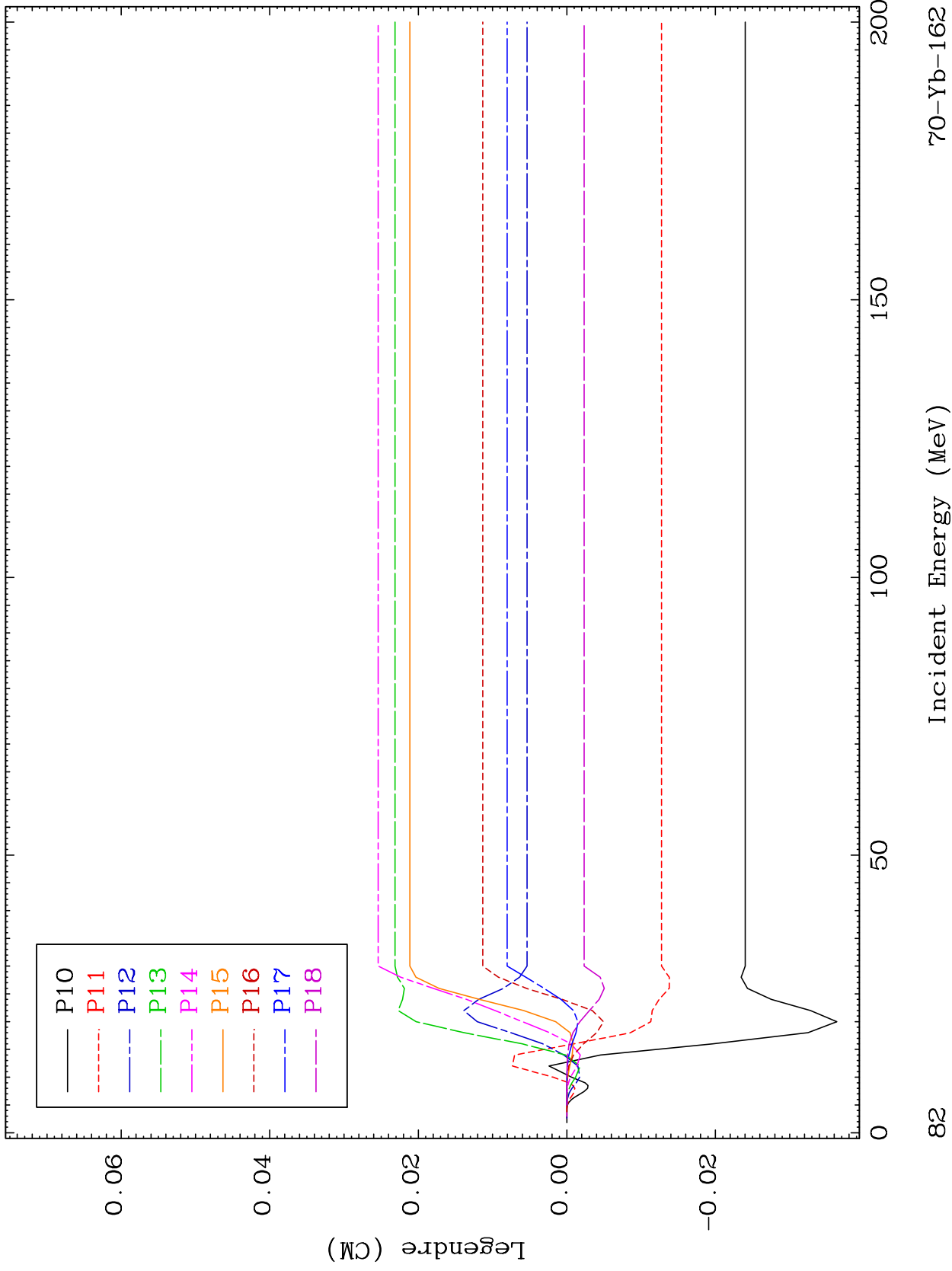




MAT 7007

1.501 MeV (n,n') Level  
Legendre Coefficients

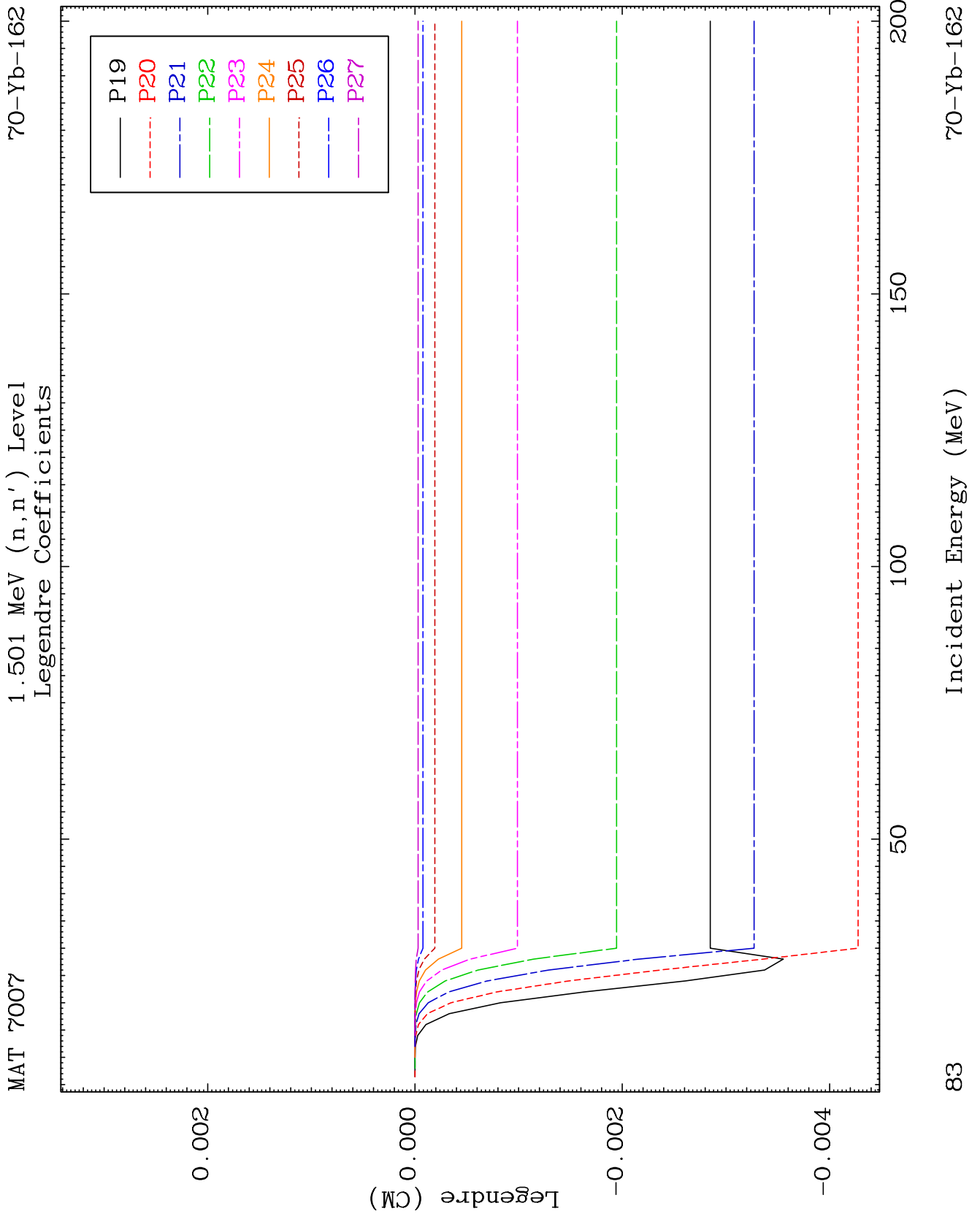
70-Yb-162

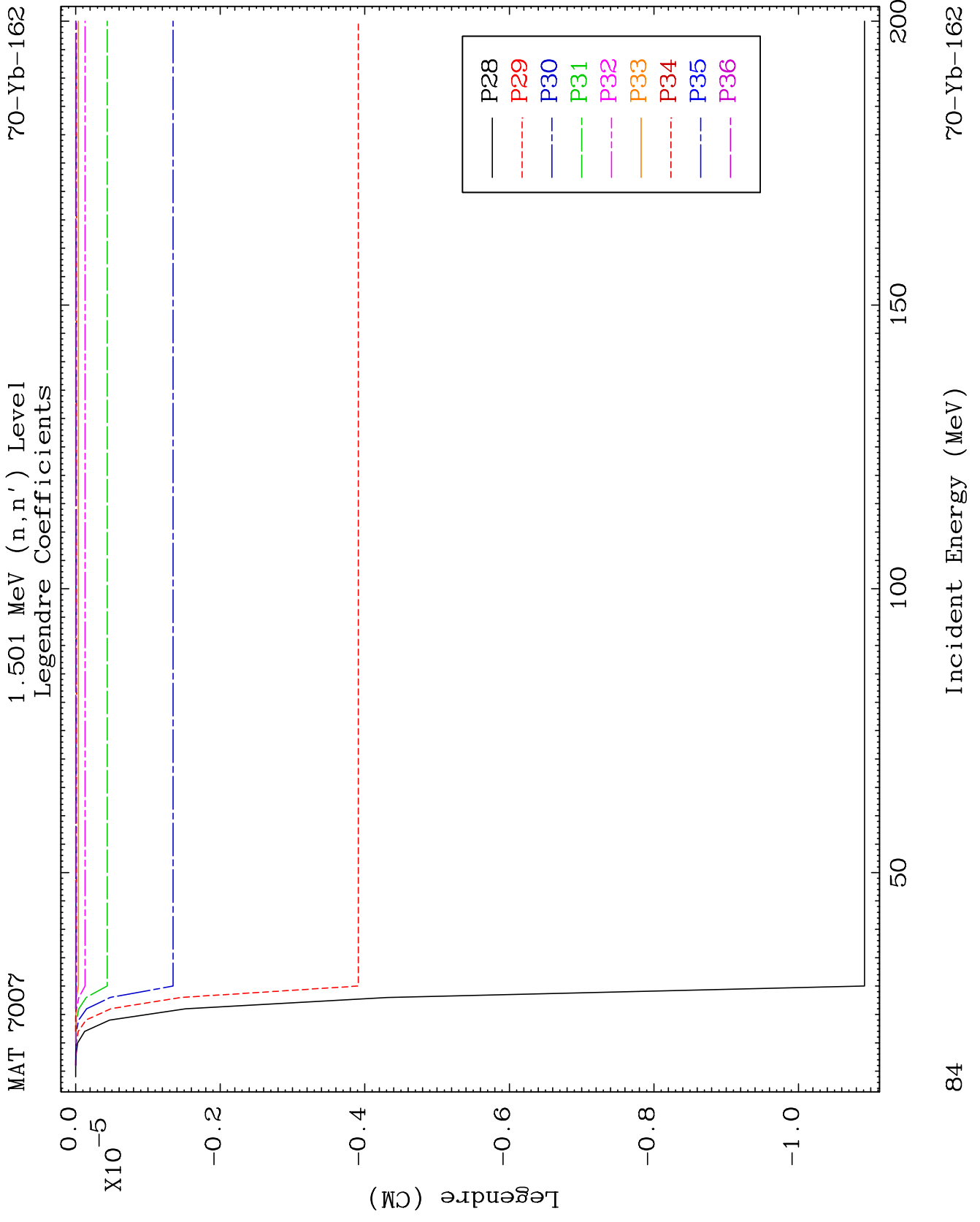


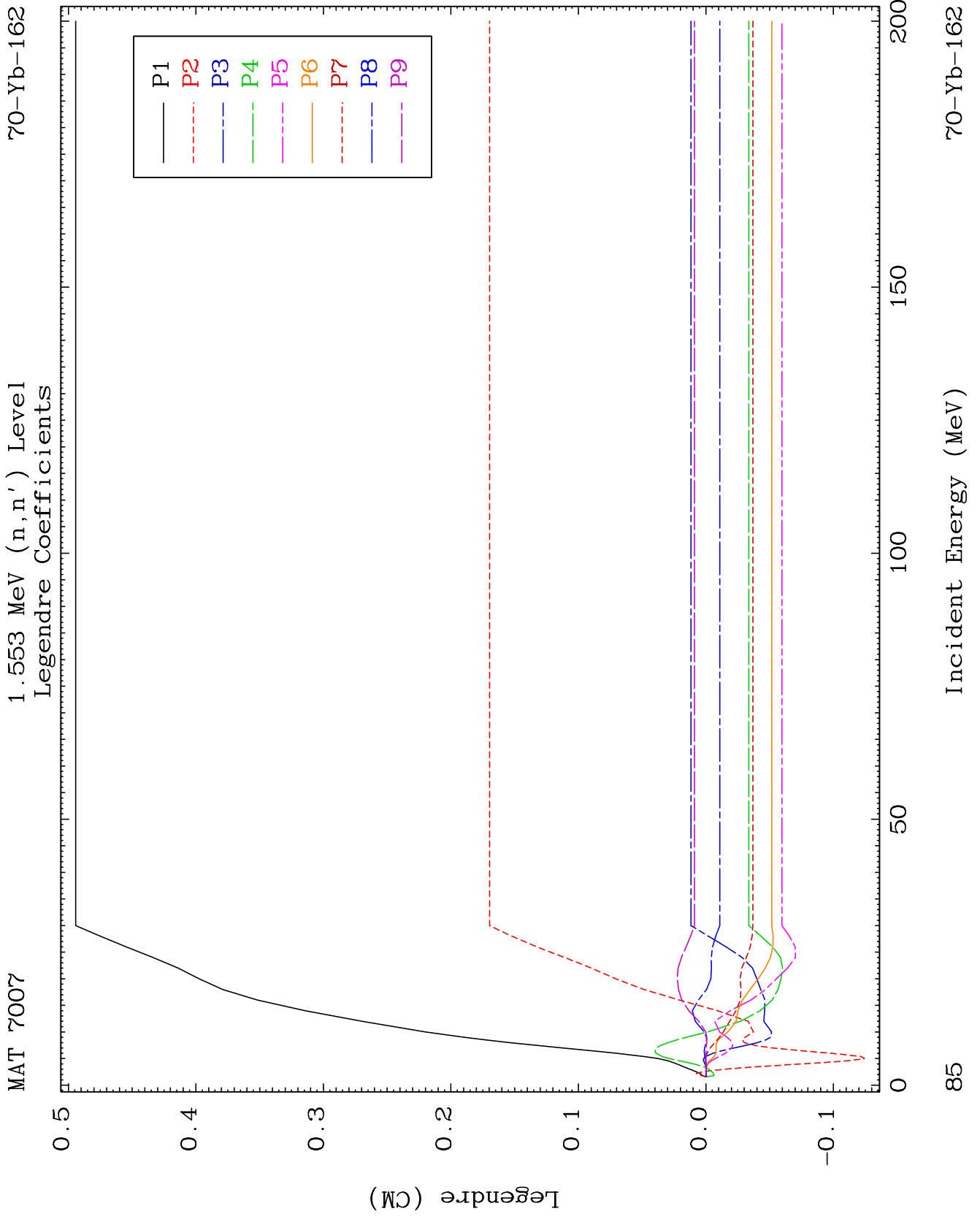
82

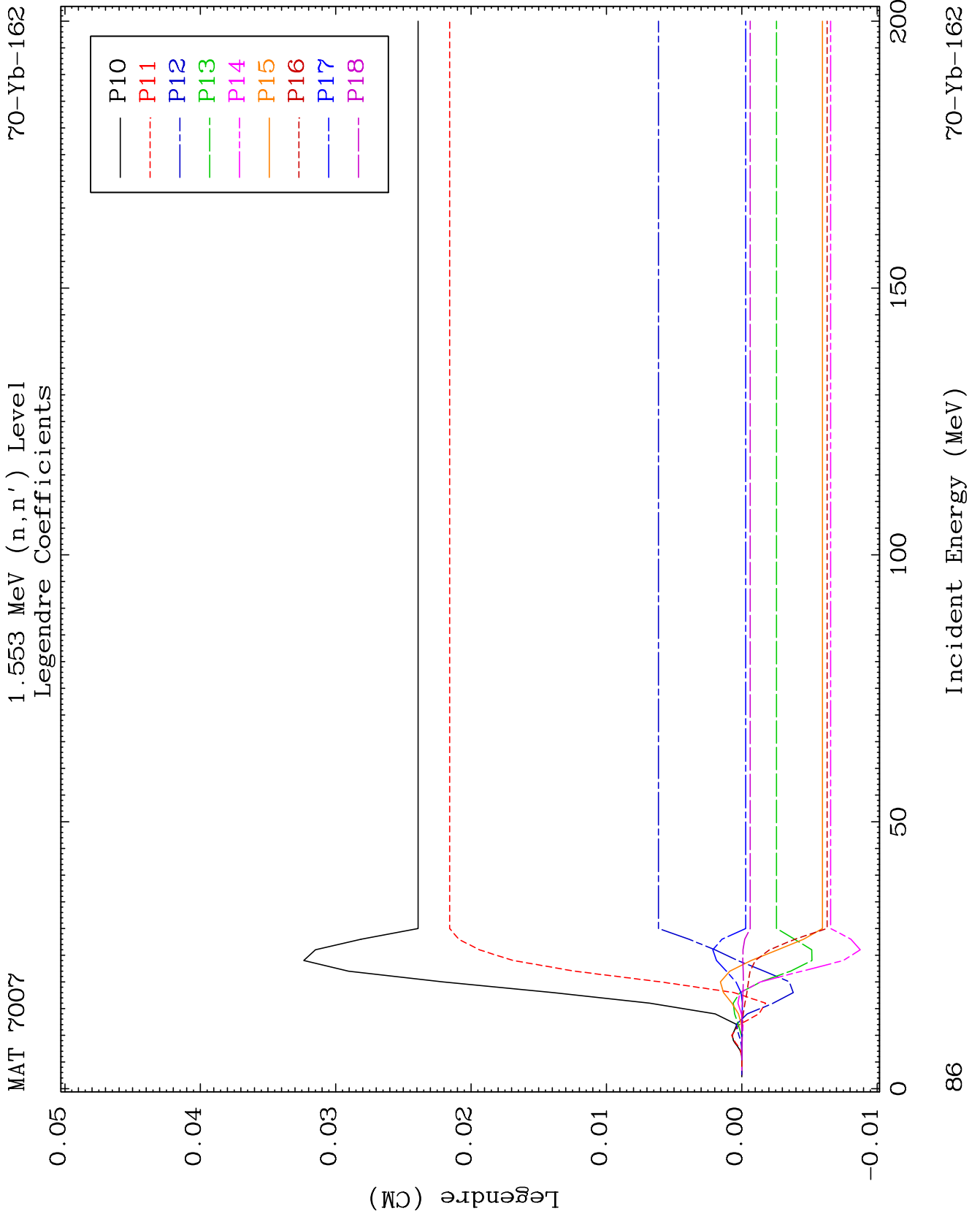
Incident Energy (MeV)

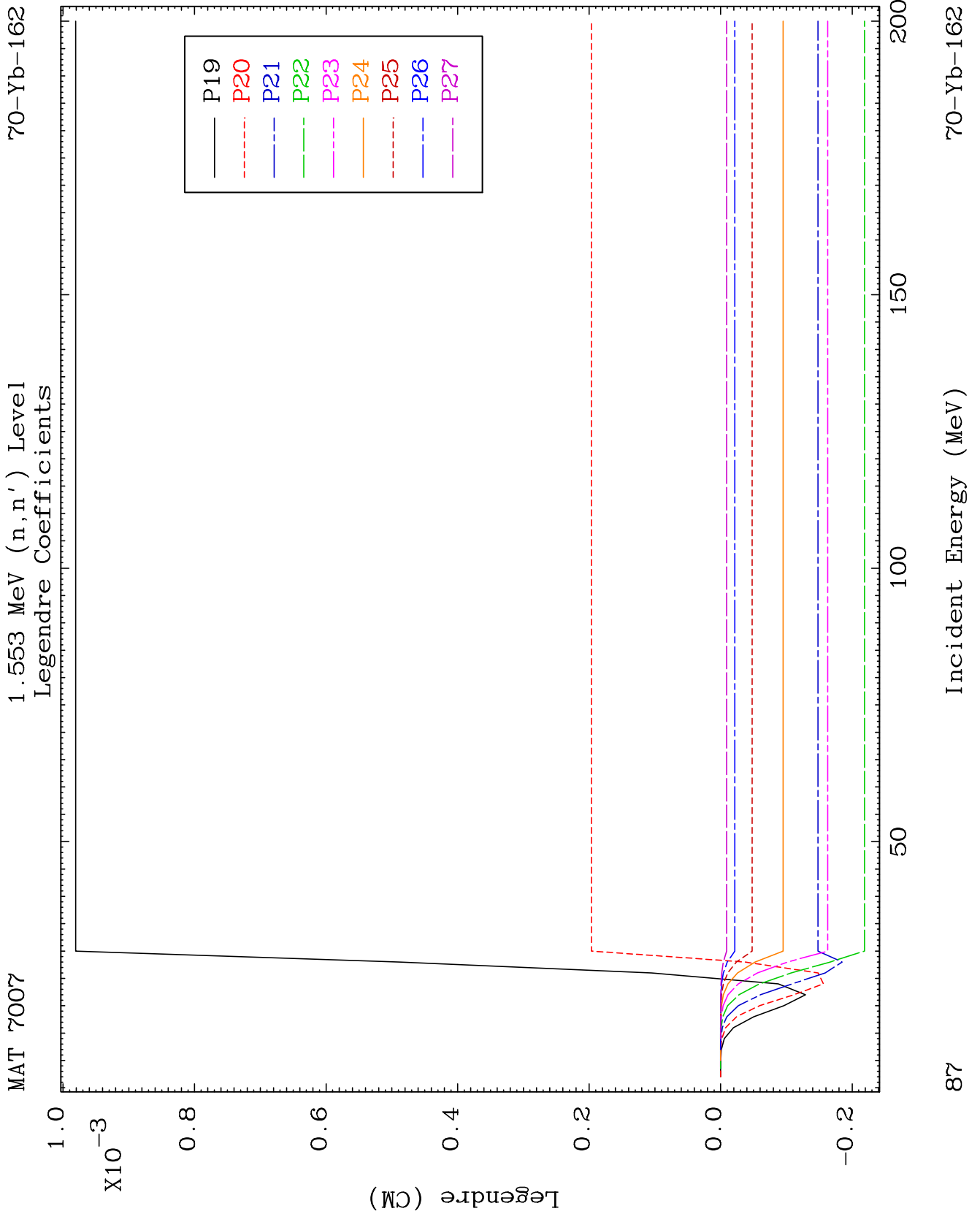
70-Yb-162



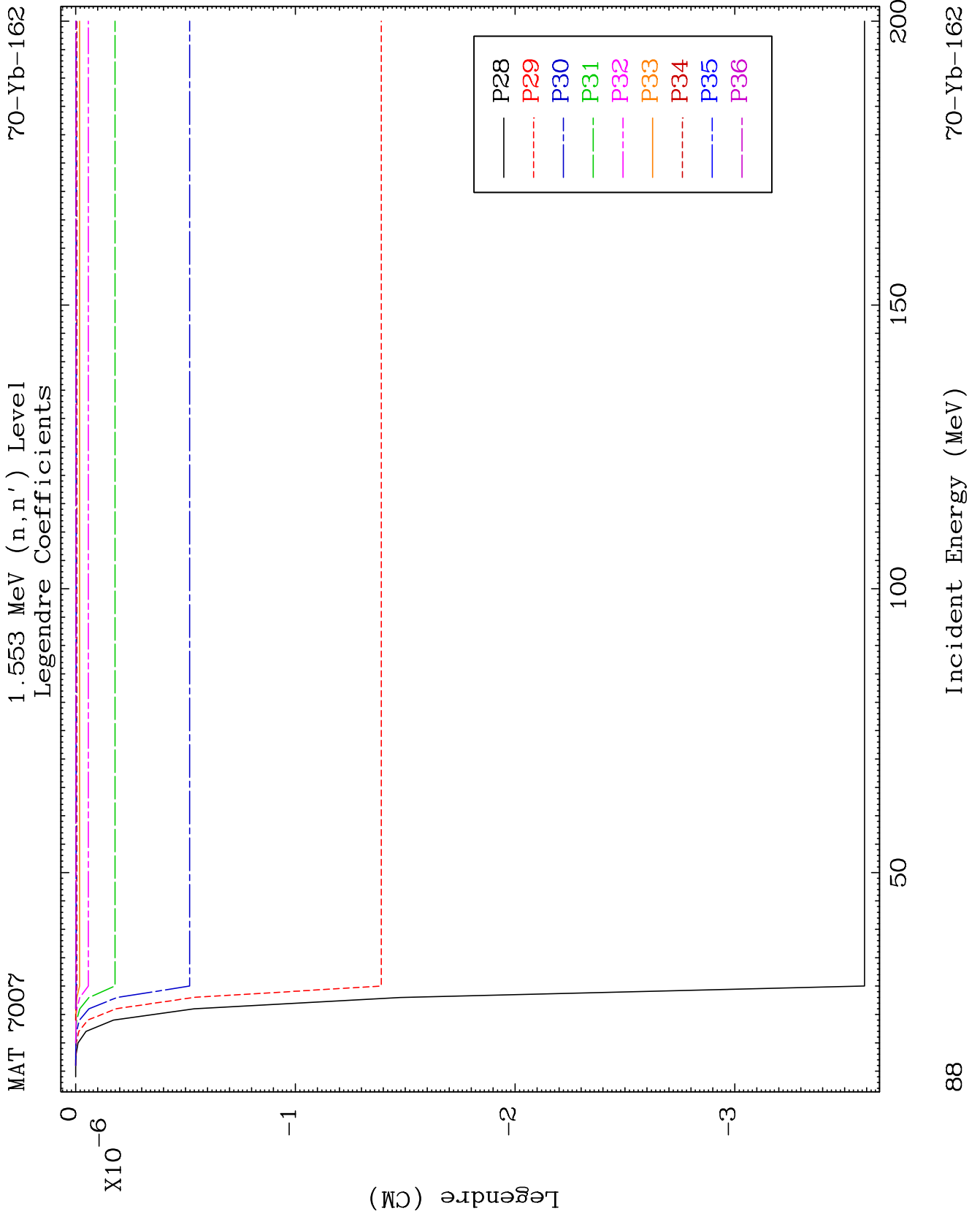


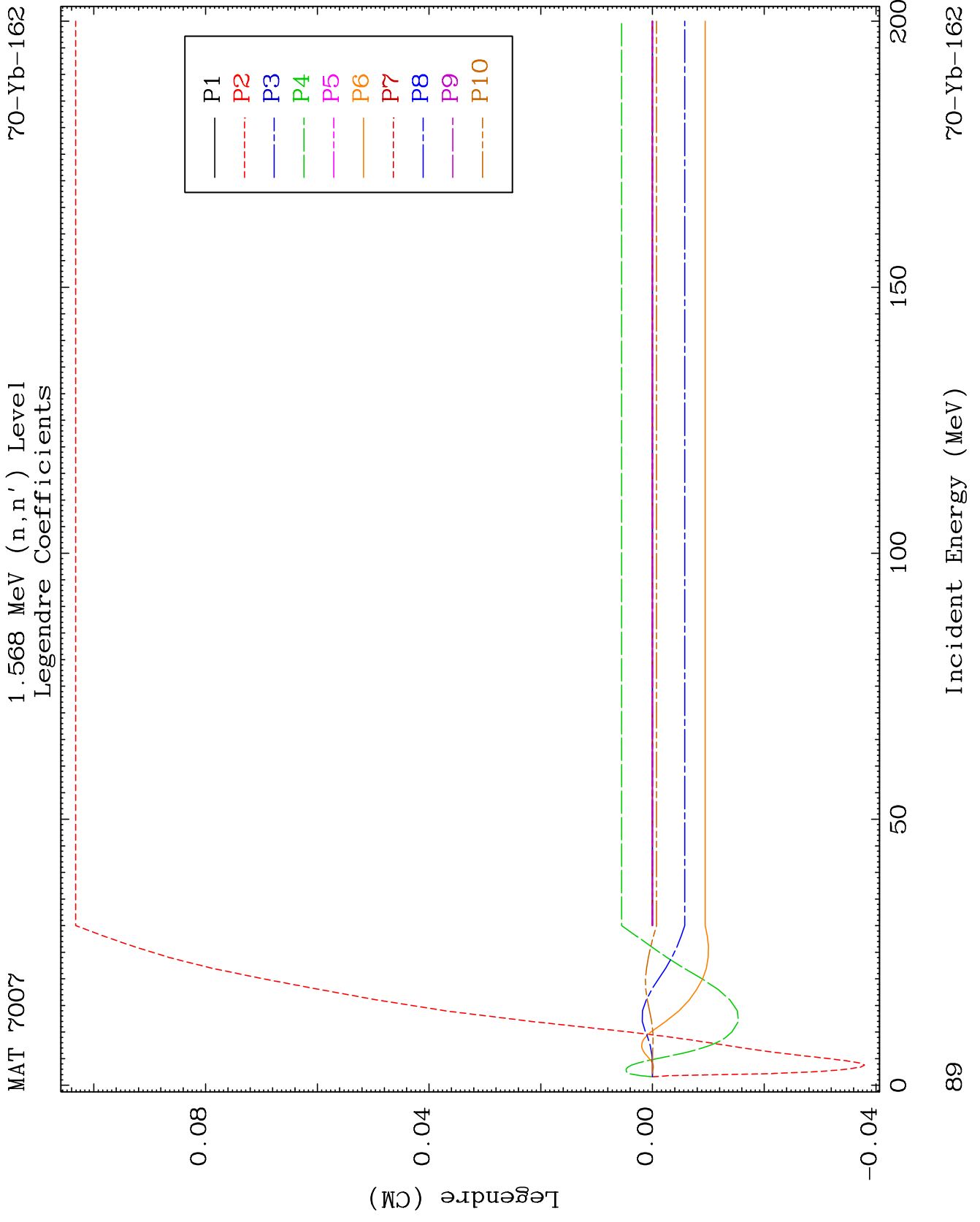




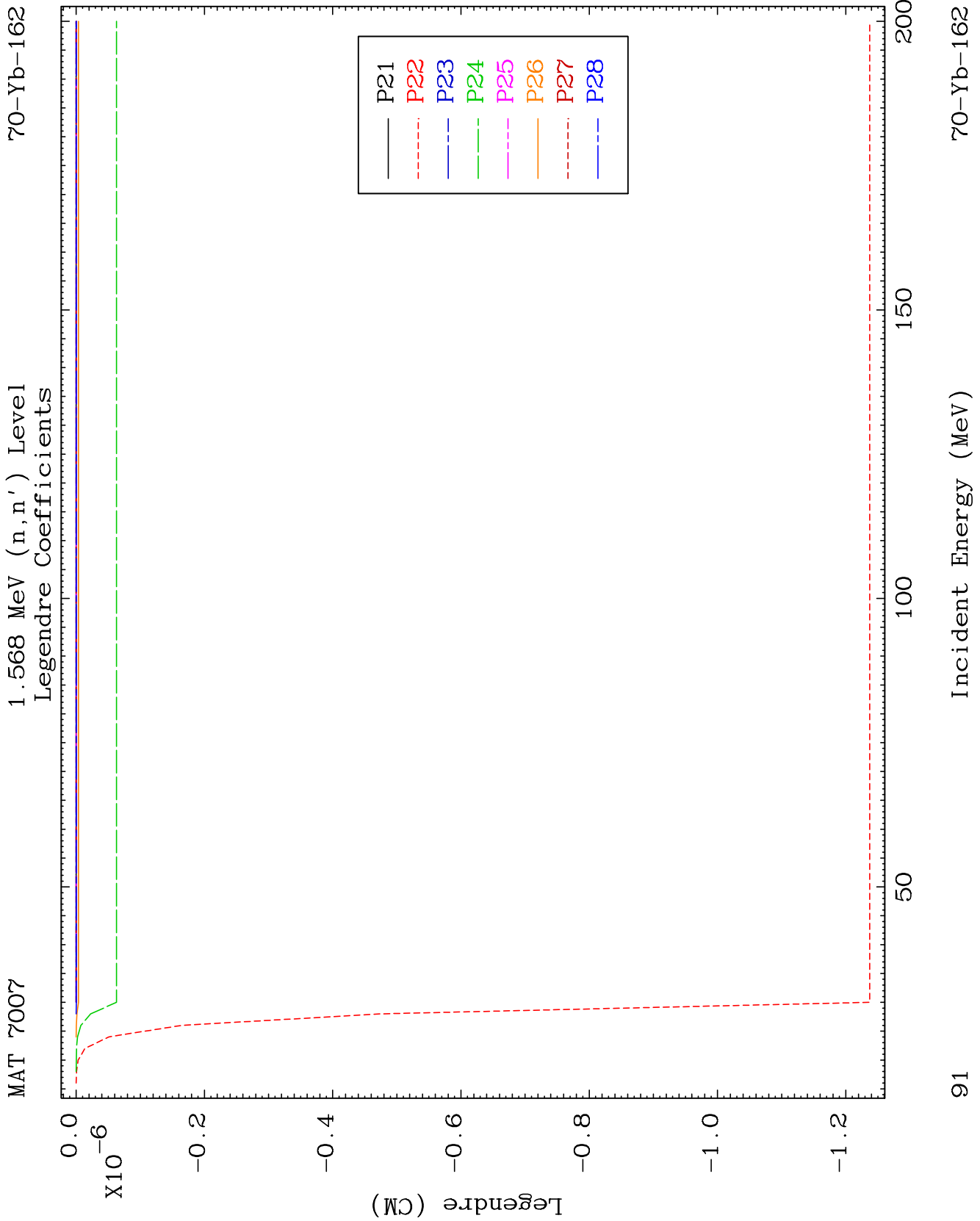


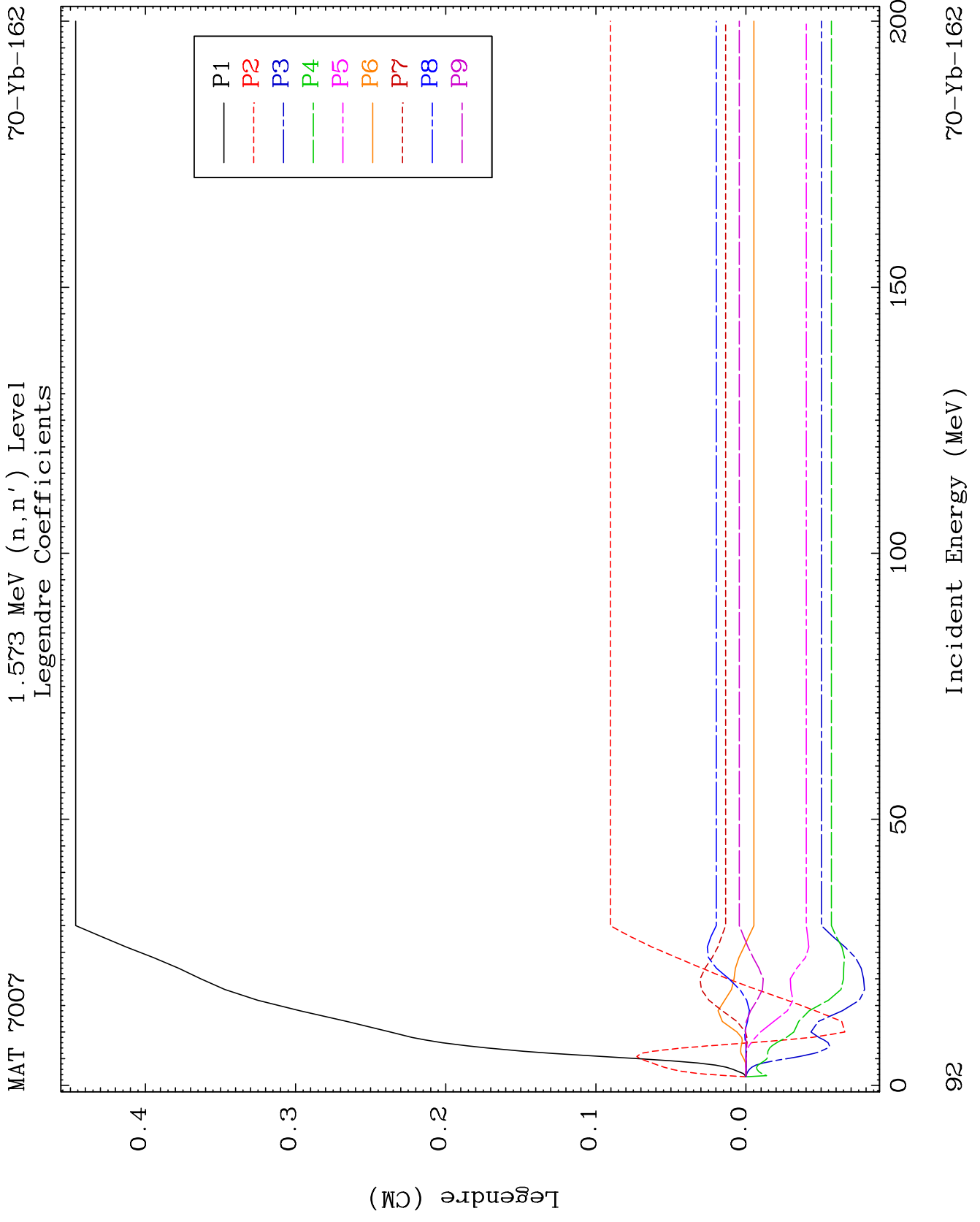








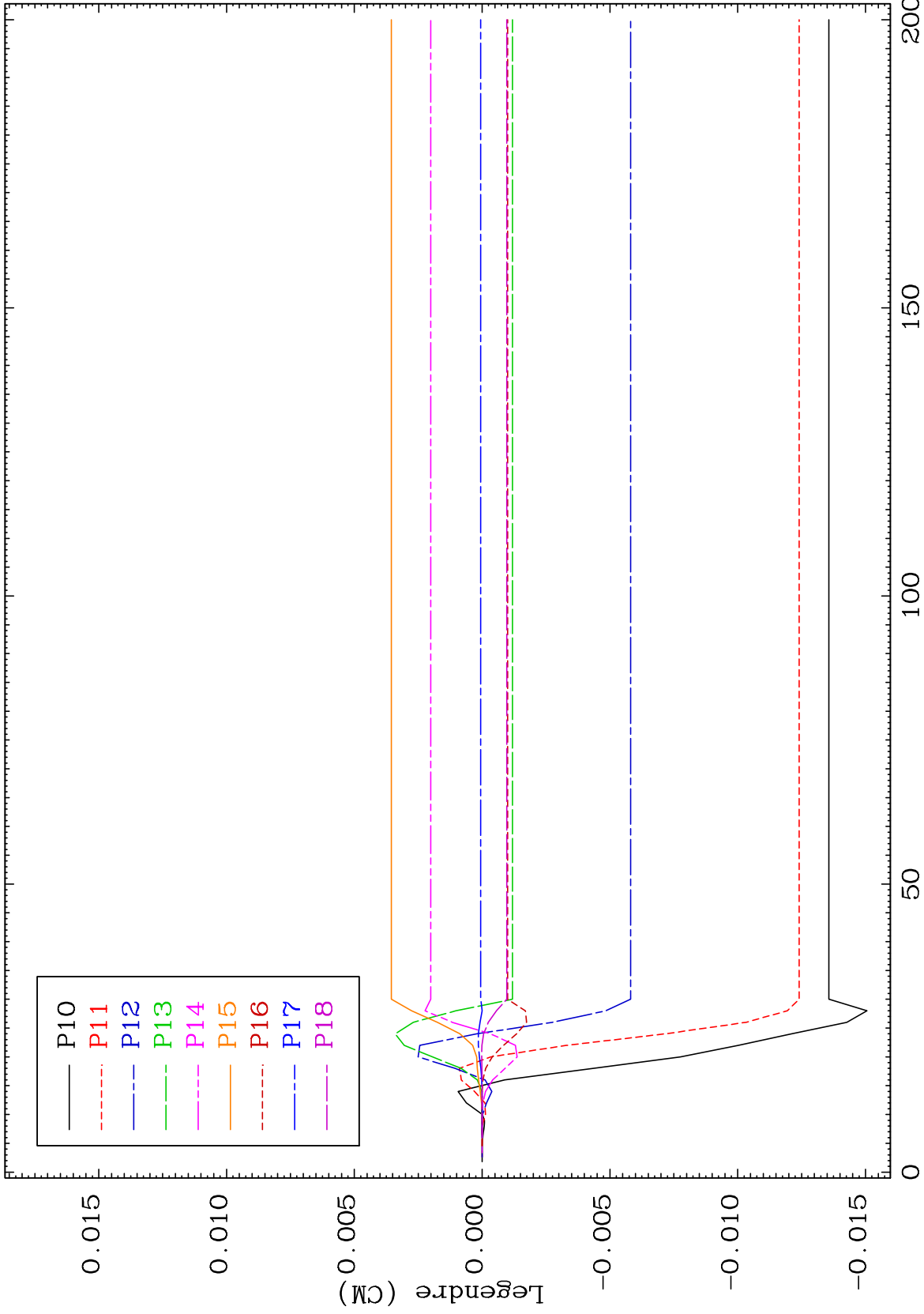




MAT 7007

1.573 MeV (n, n') Level  
Legendre Coefficients

70-Yb-162

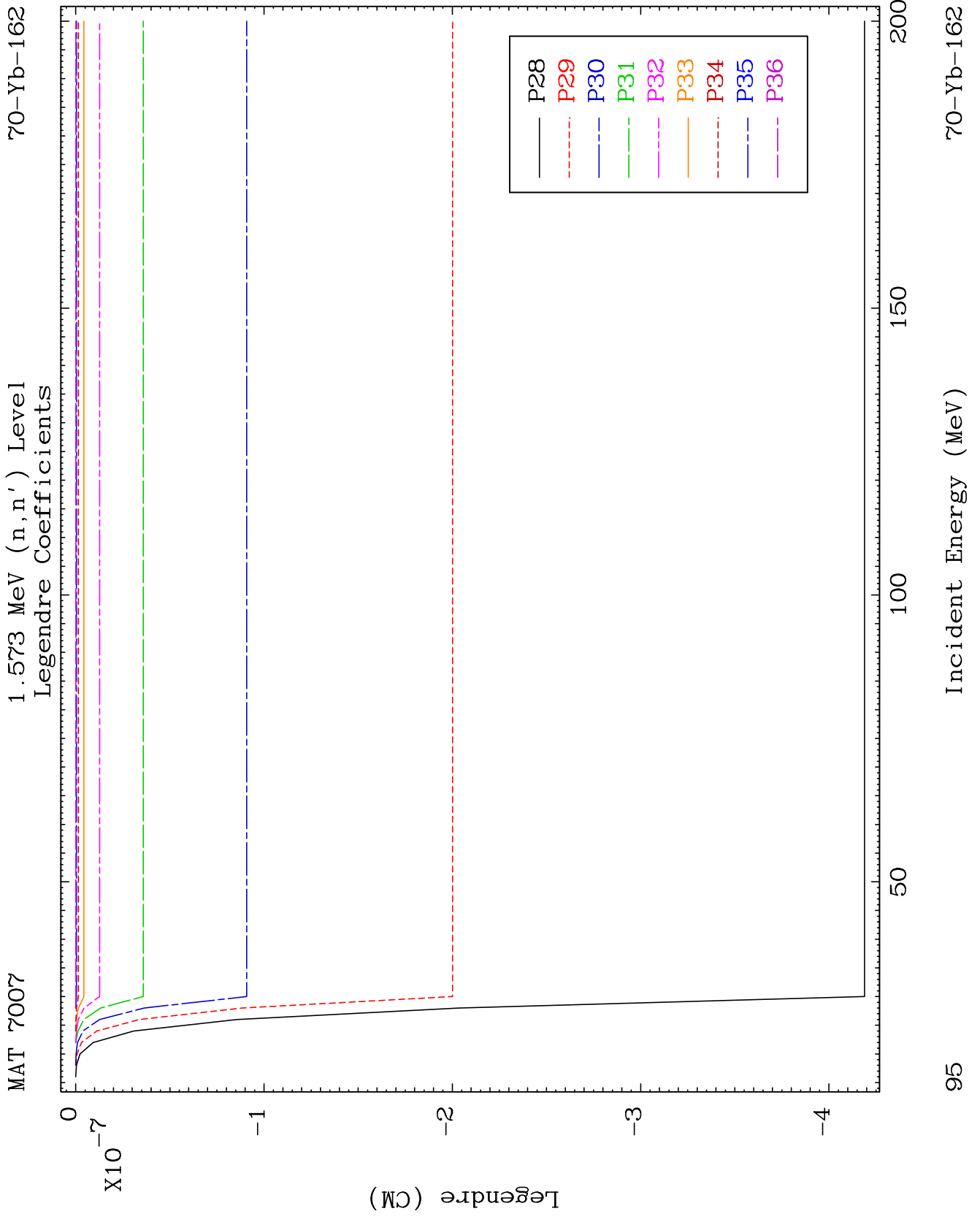


93

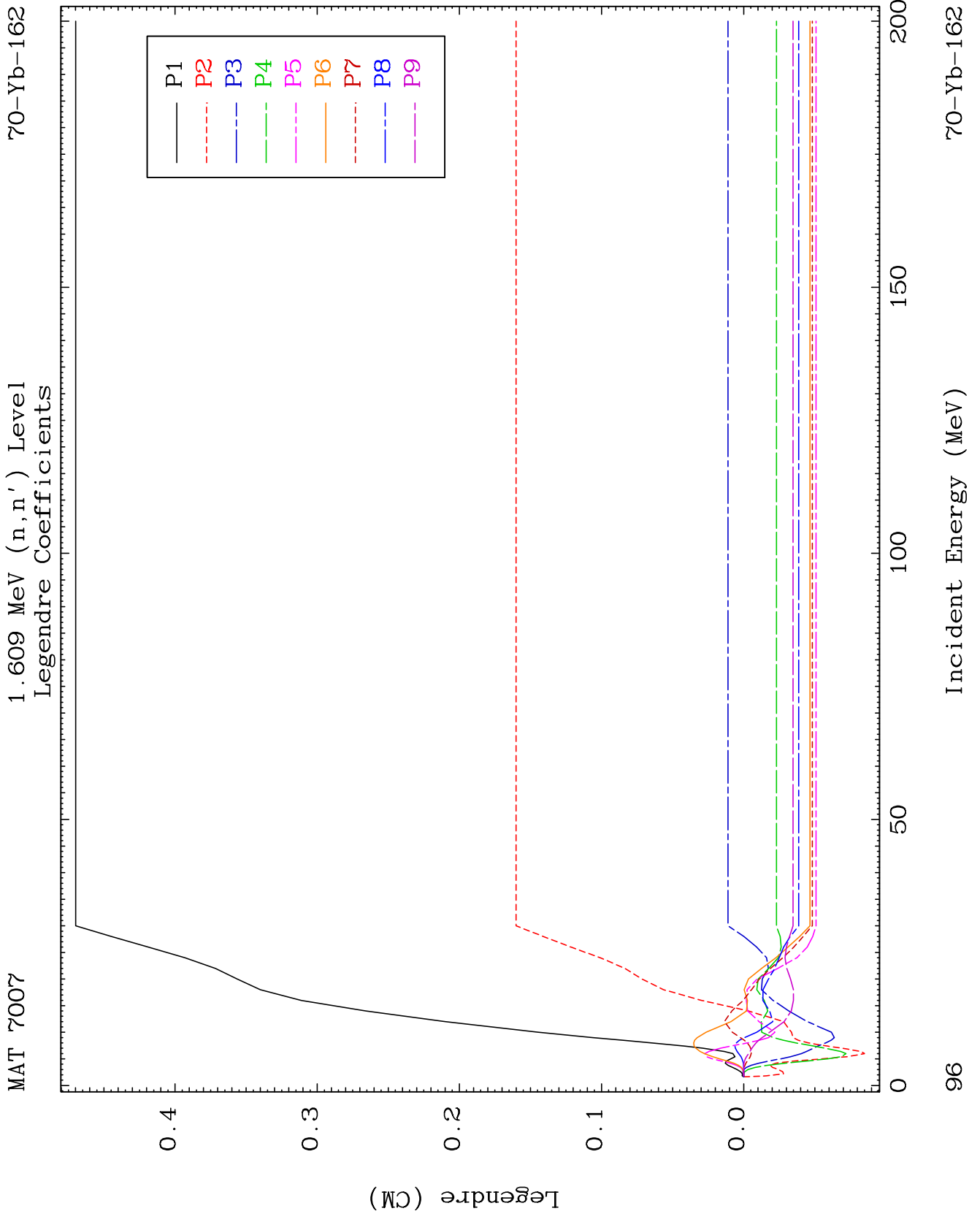
Incident Energy (MeV)

70-Yb-162





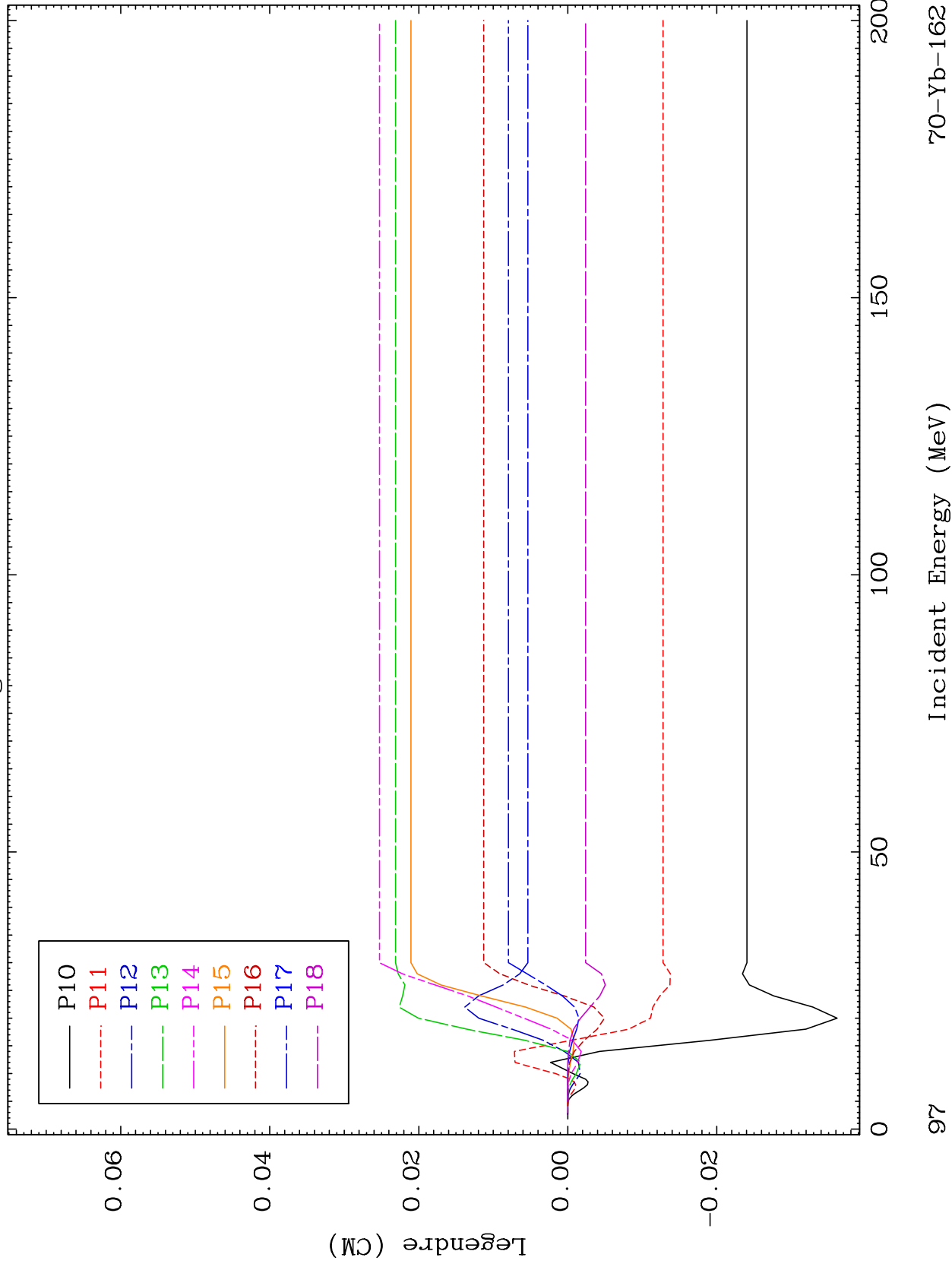




MAT 7007

1.609 MeV (n,n') Level  
Legendre Coefficients

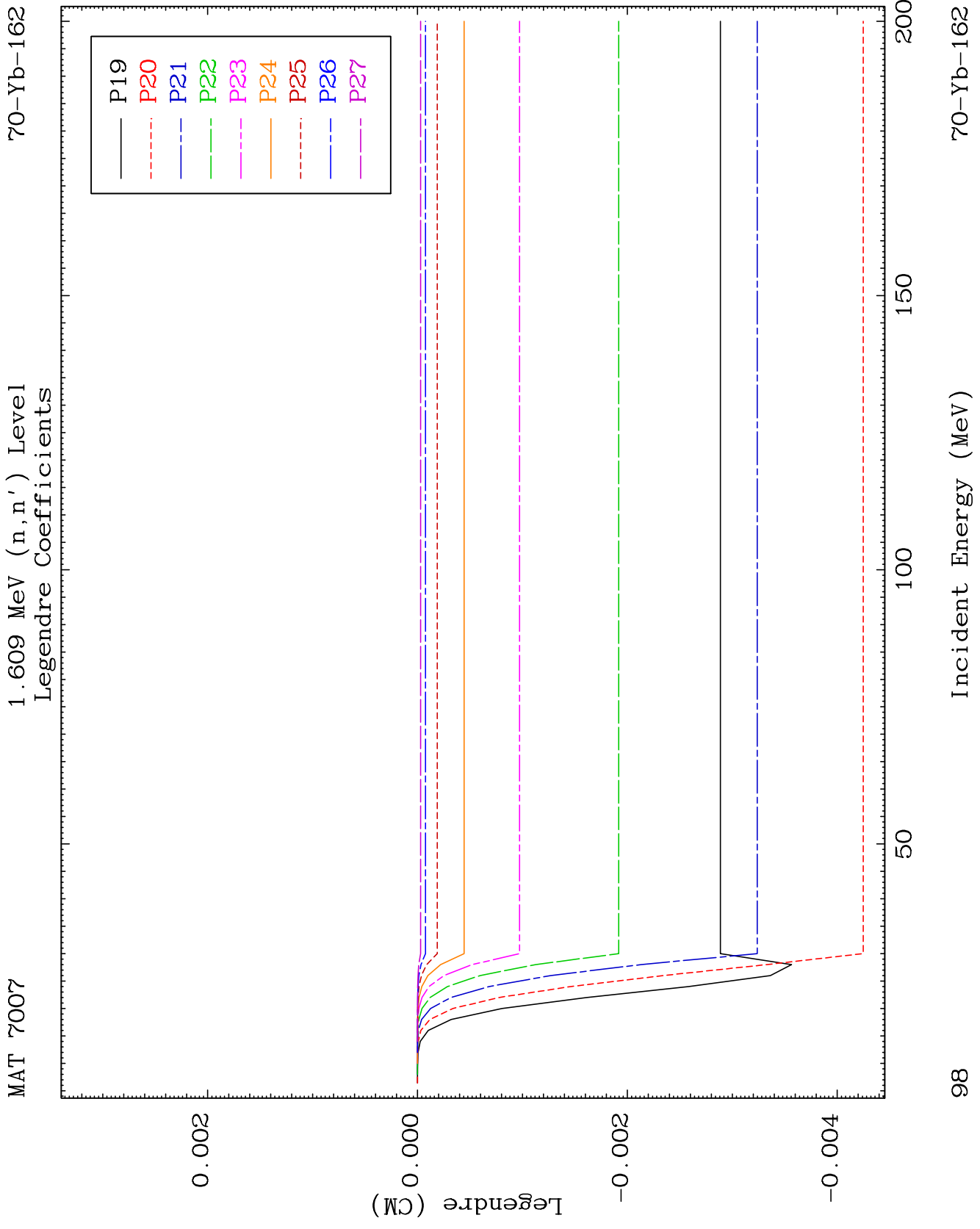
70-Yb-162

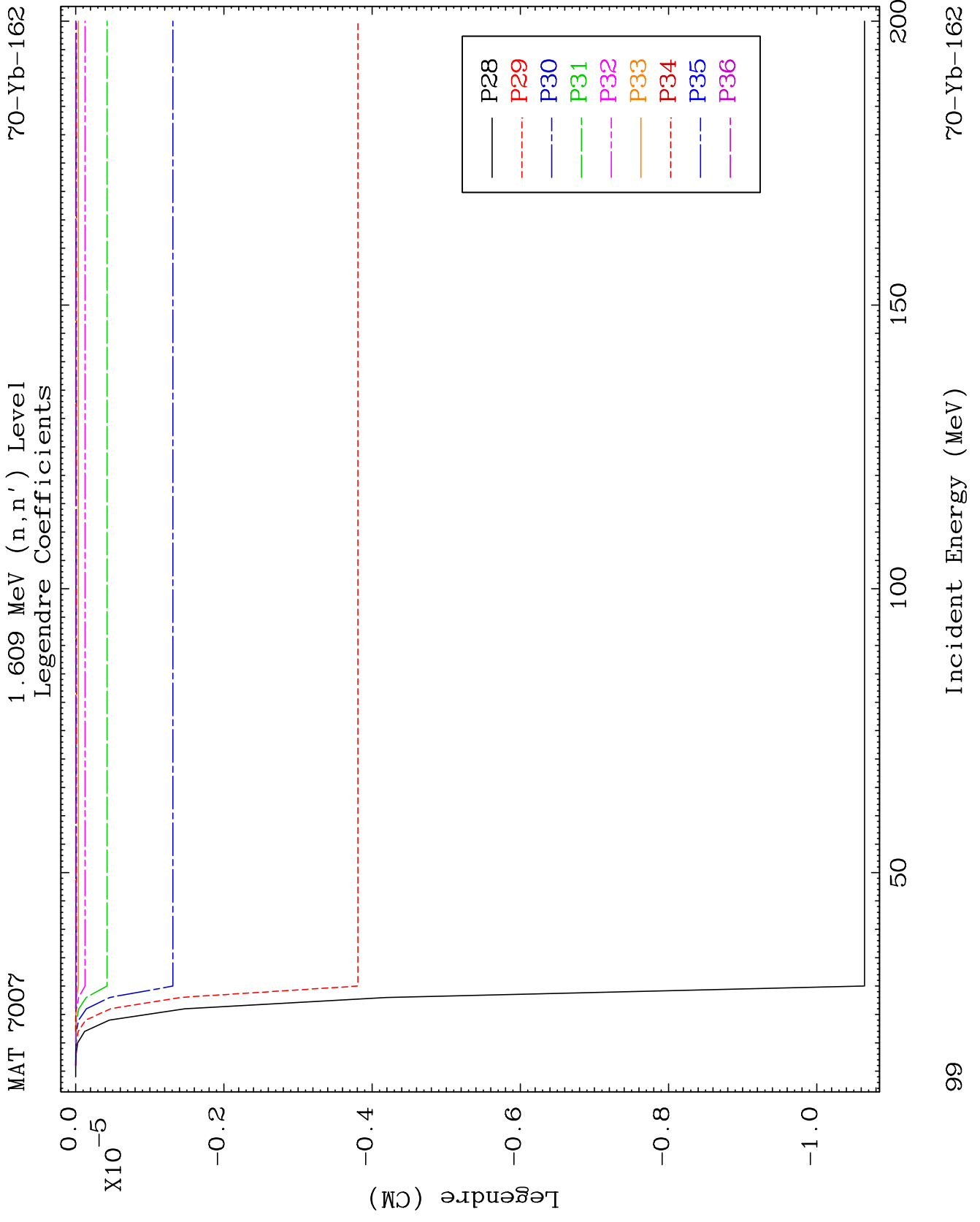


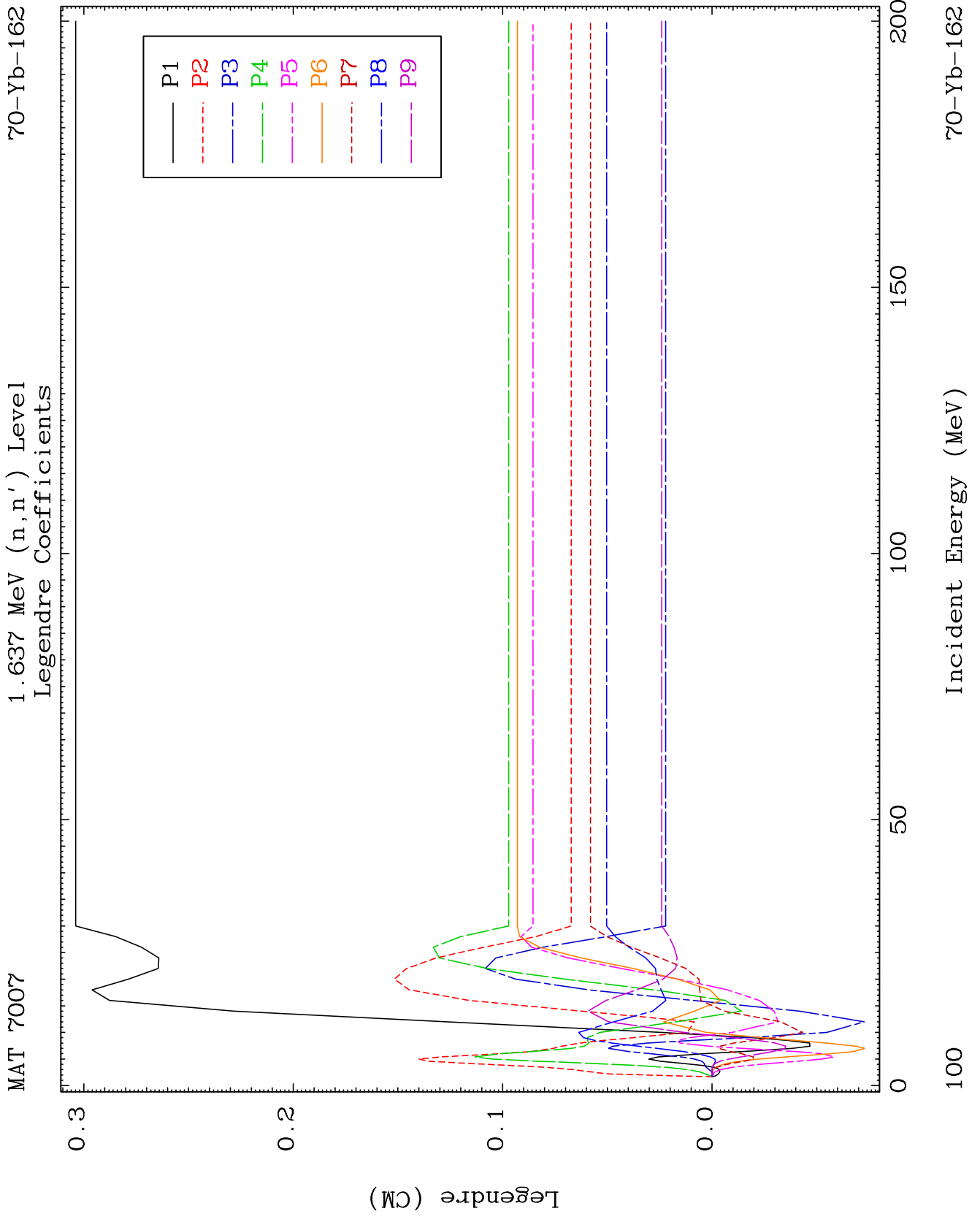
97

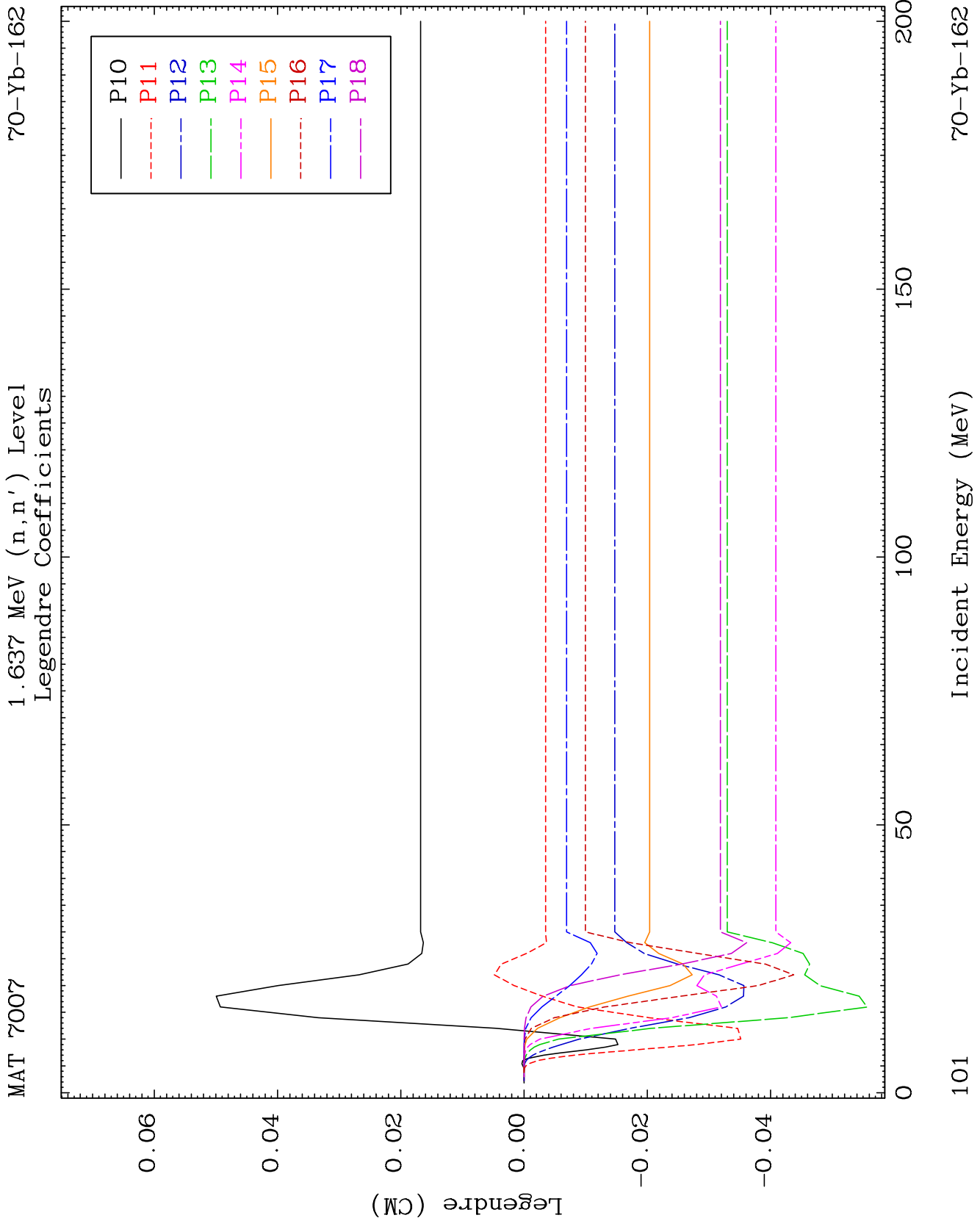
Incident Energy (MeV)

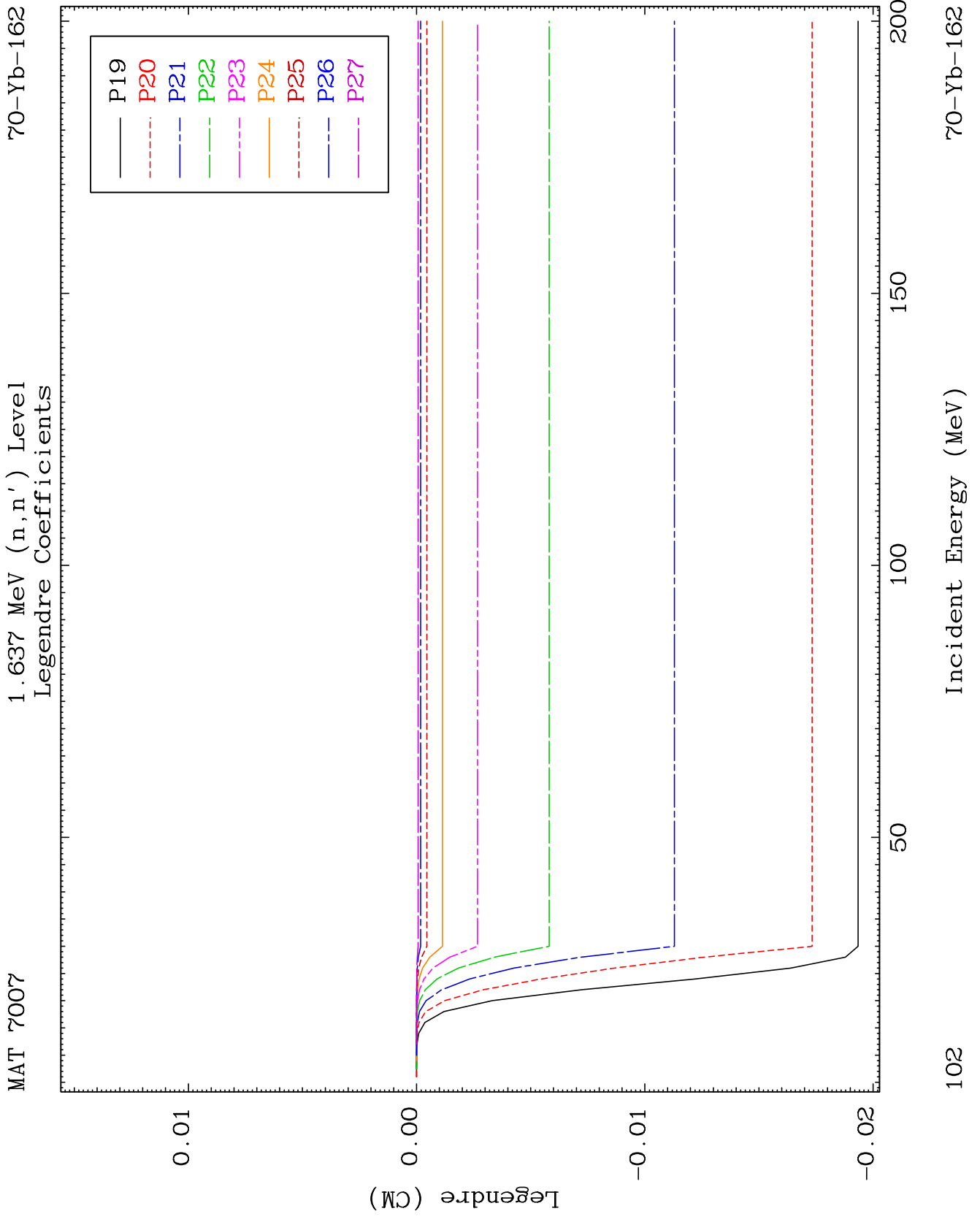
70-Yb-162

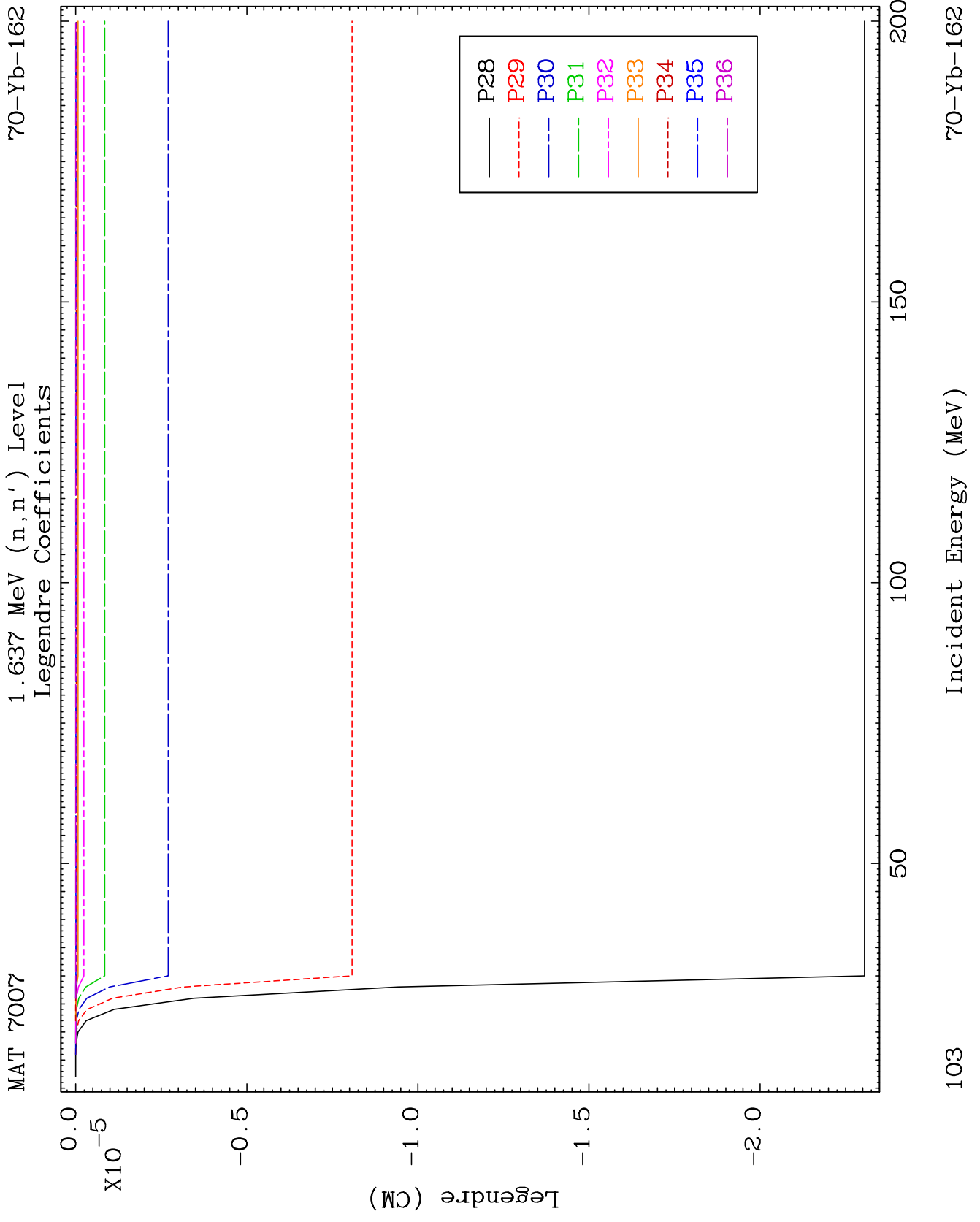




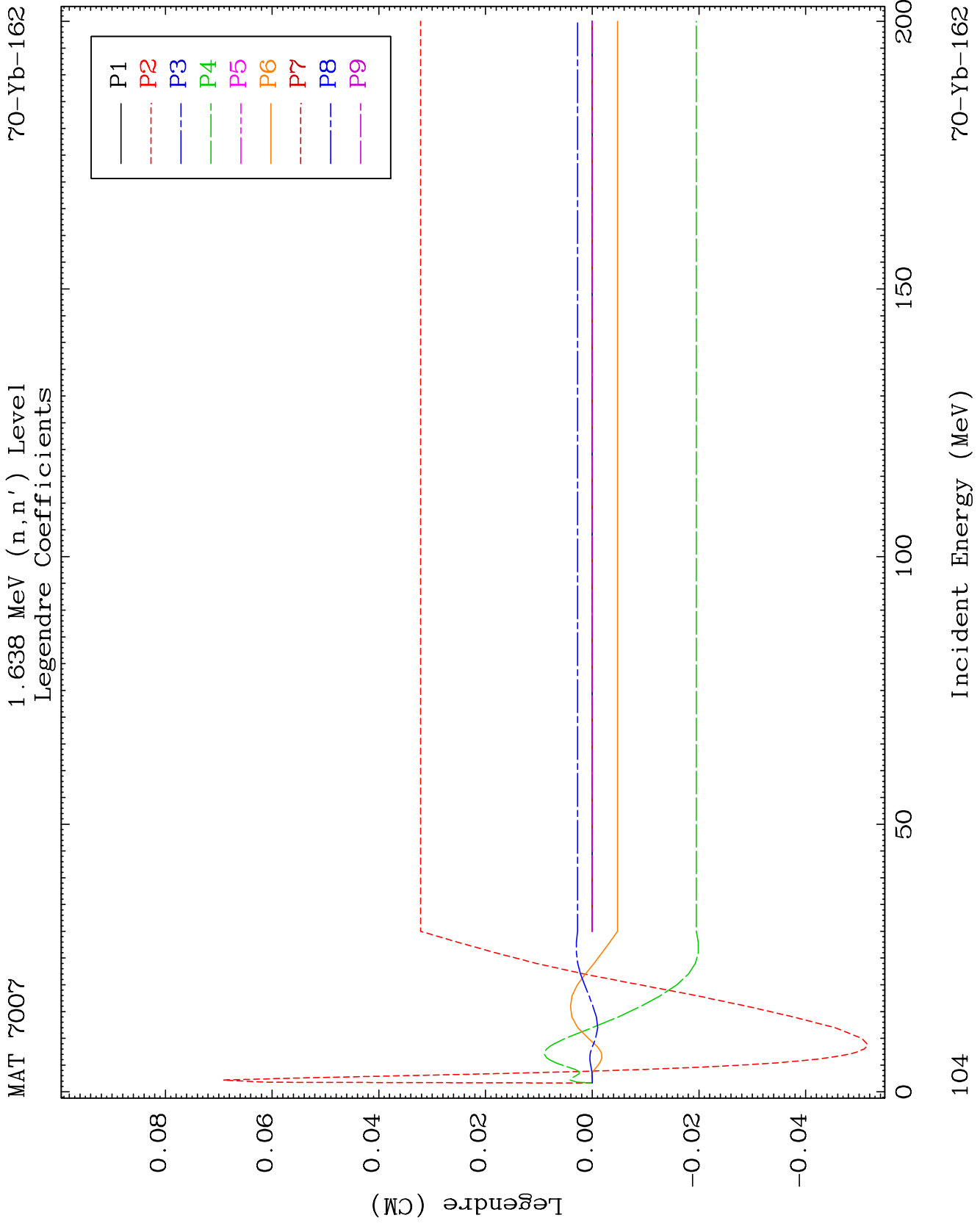








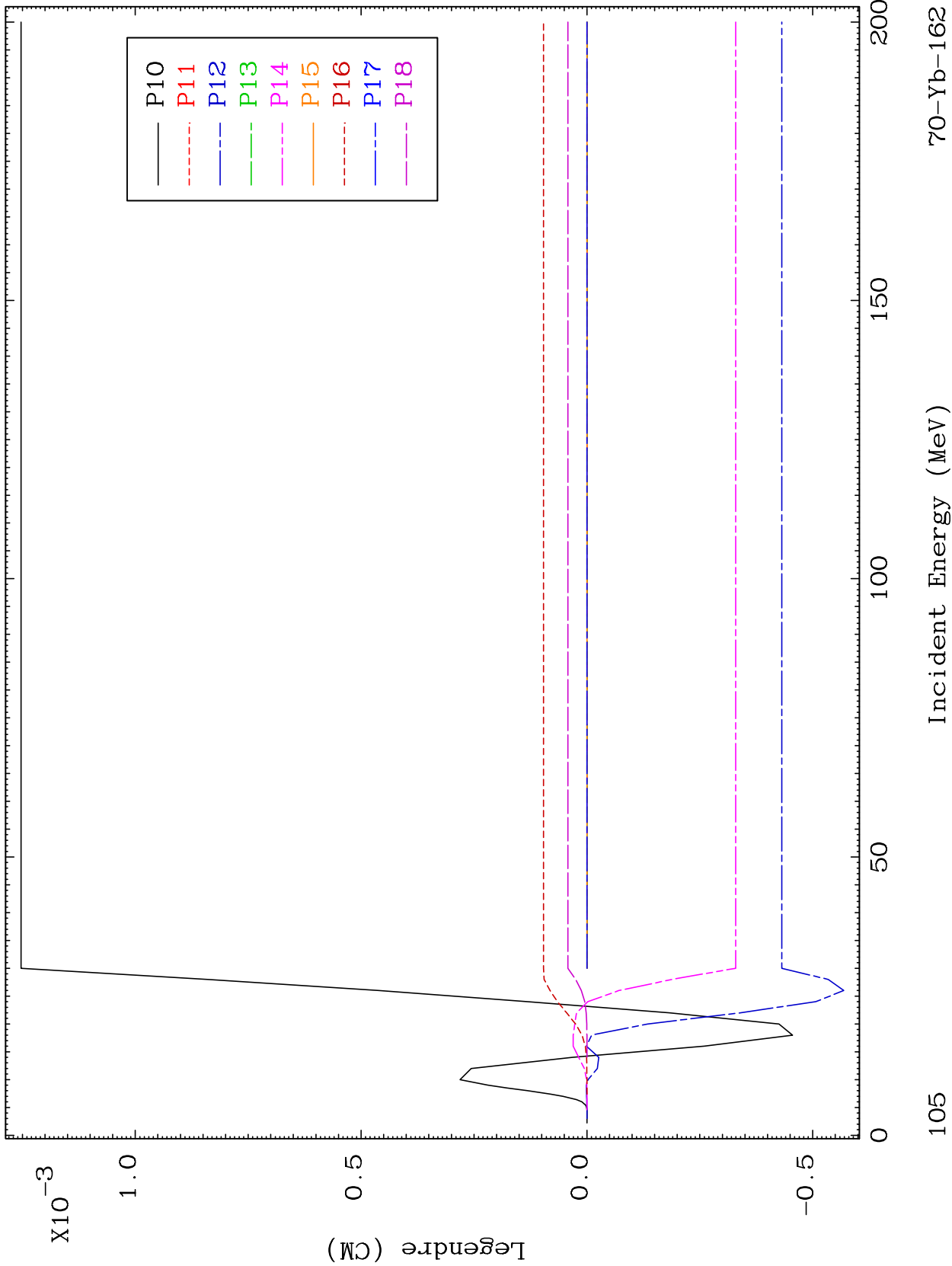




MAT 7007

1.638 MeV (n,n') Level  
Legendre Coefficients

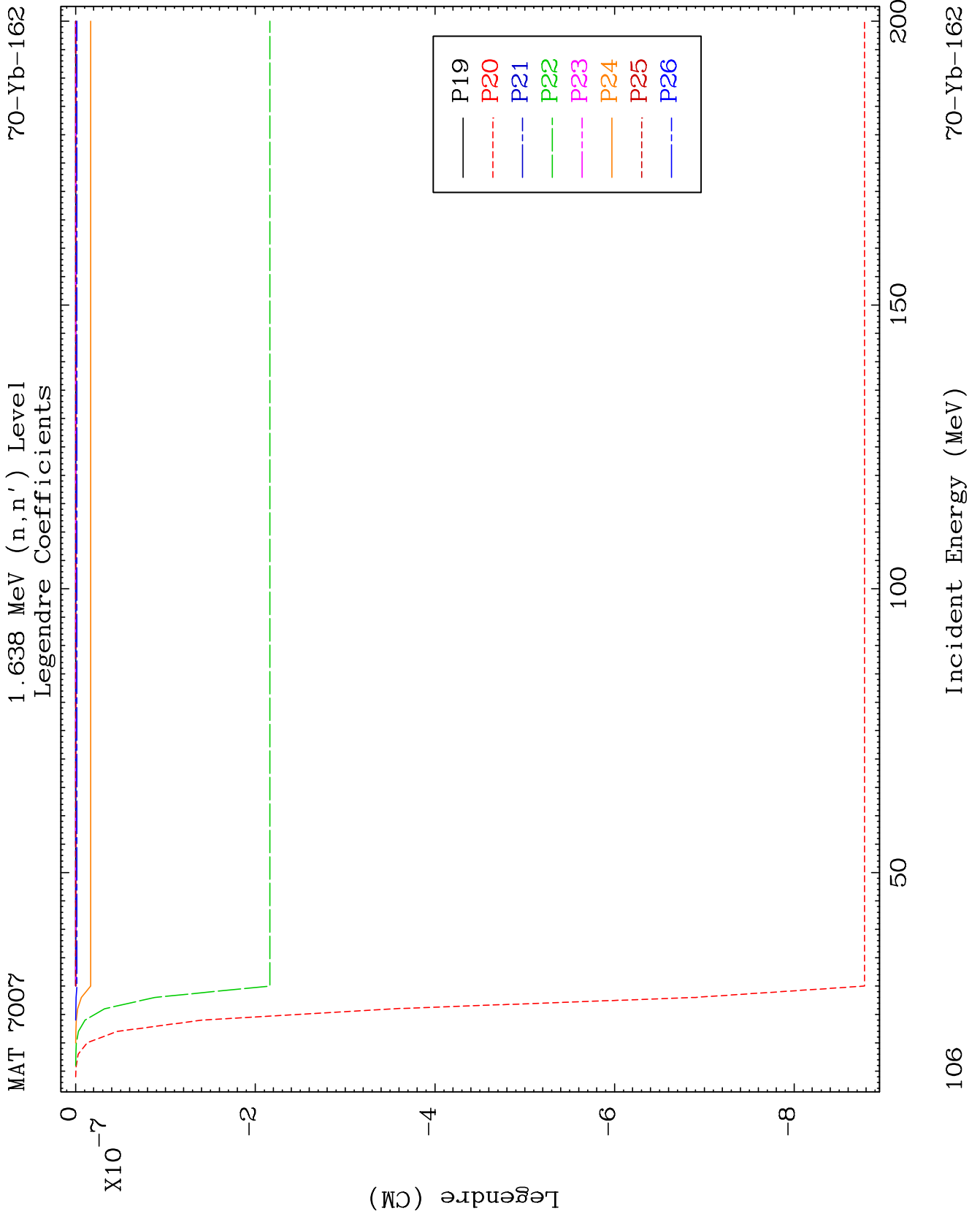
70-Yb-162

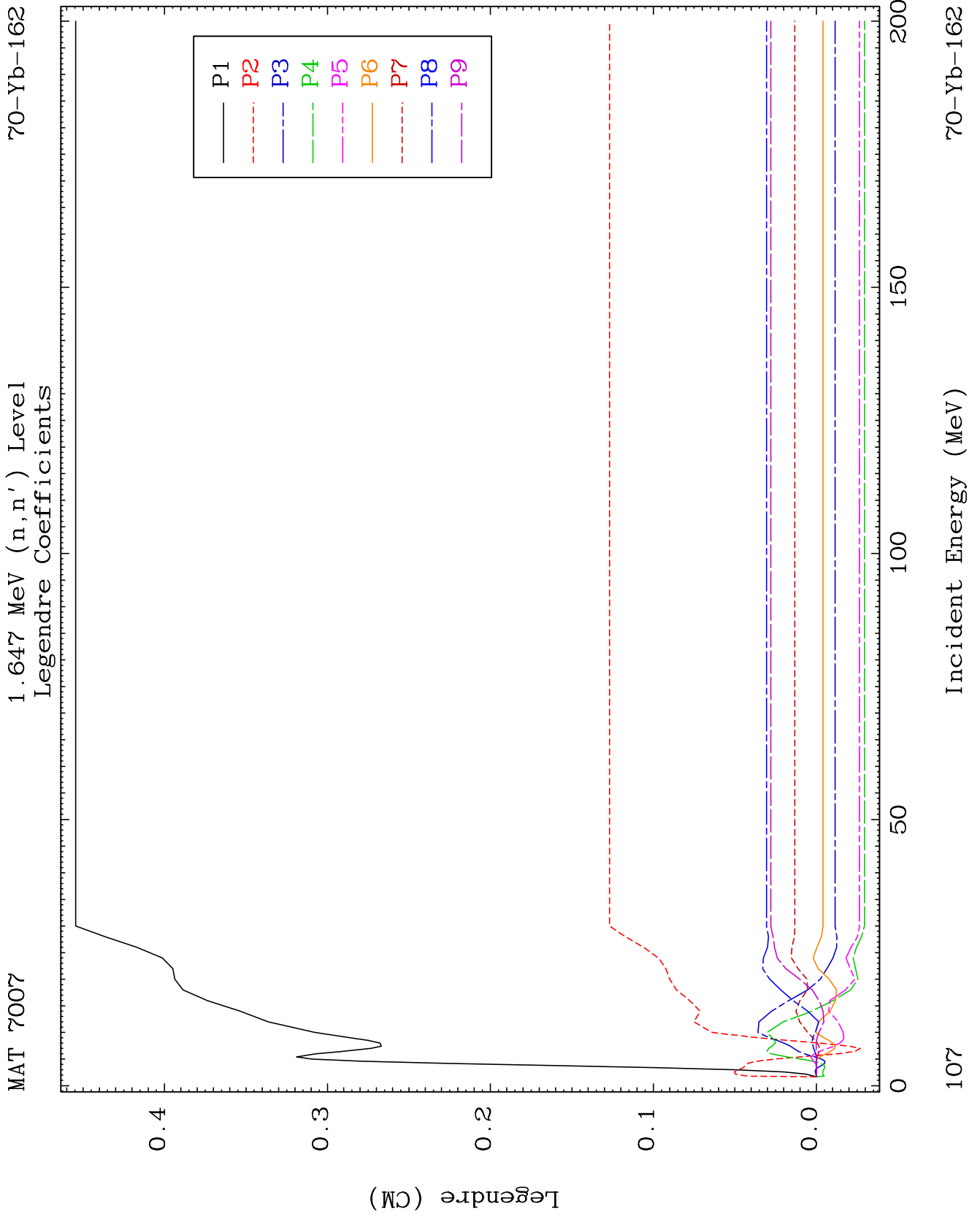


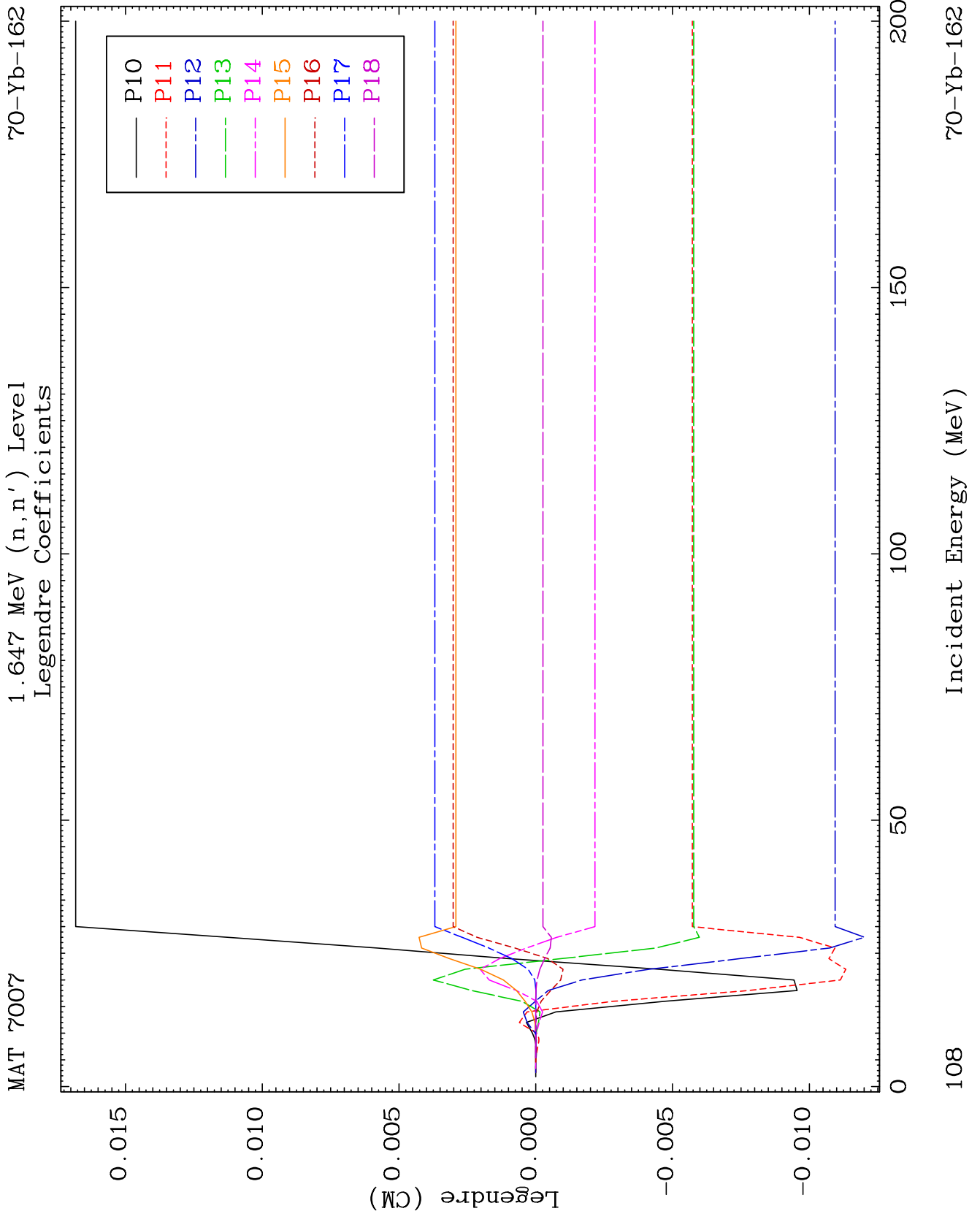
70-Yb-162

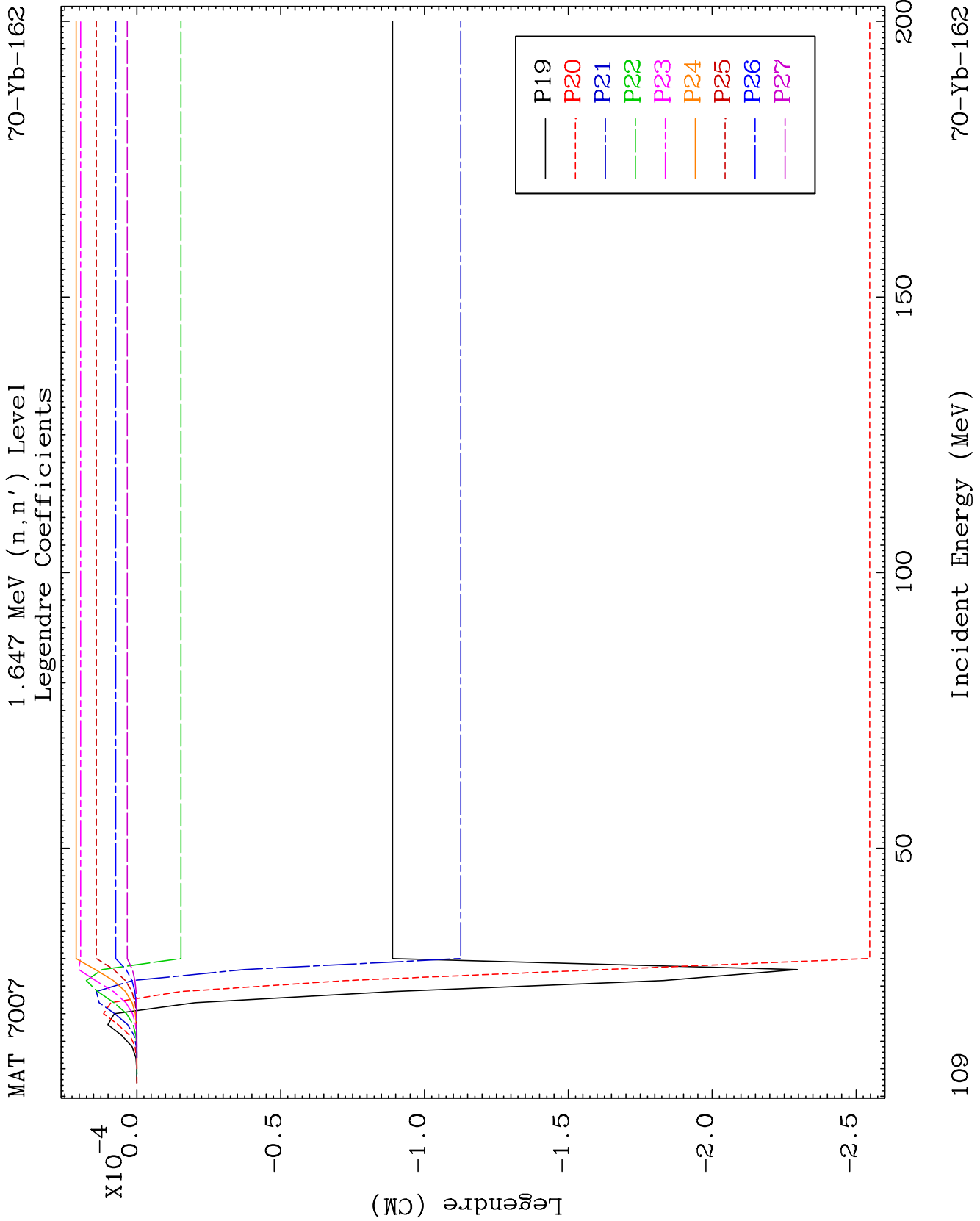
Incident Energy (MeV)

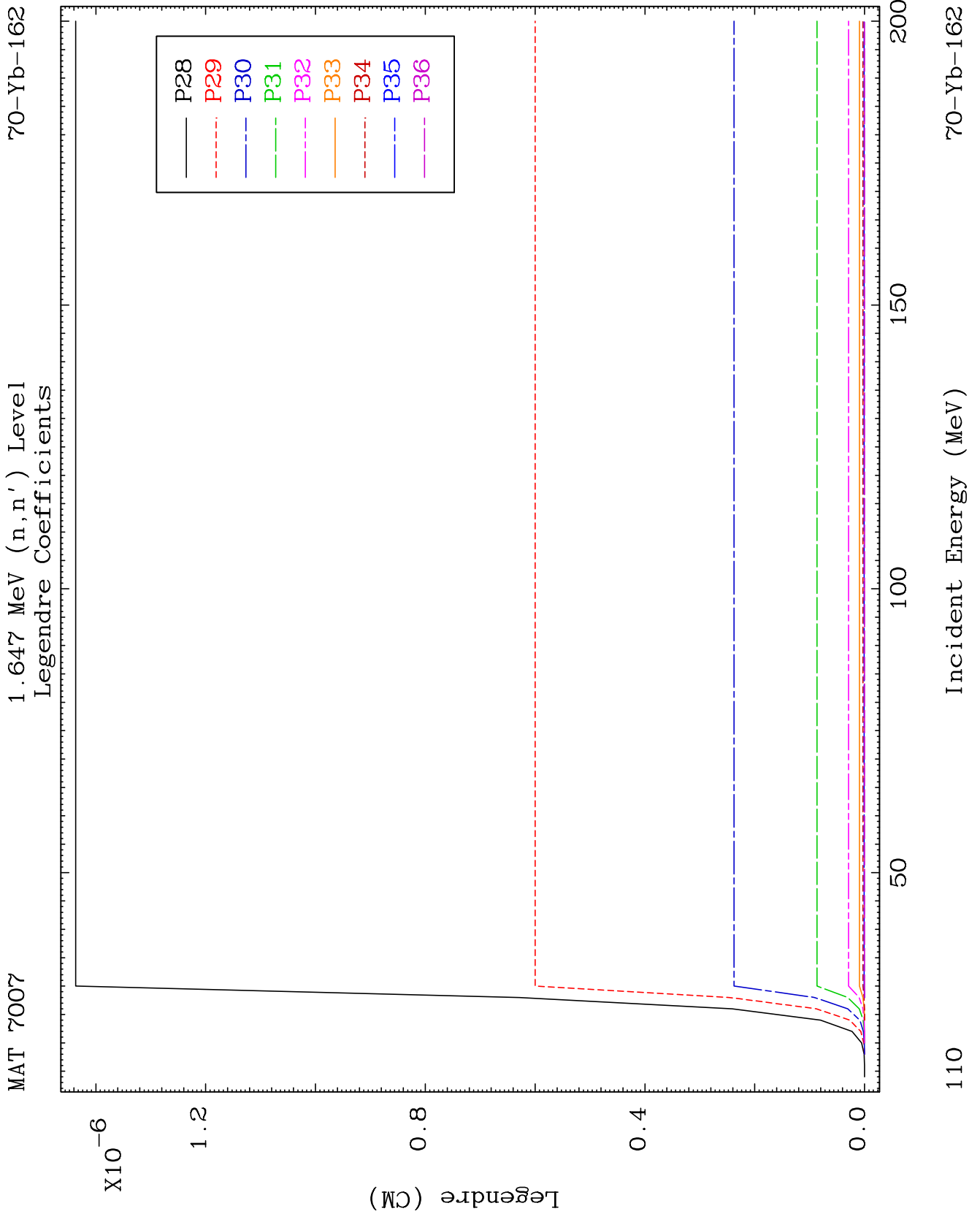
105

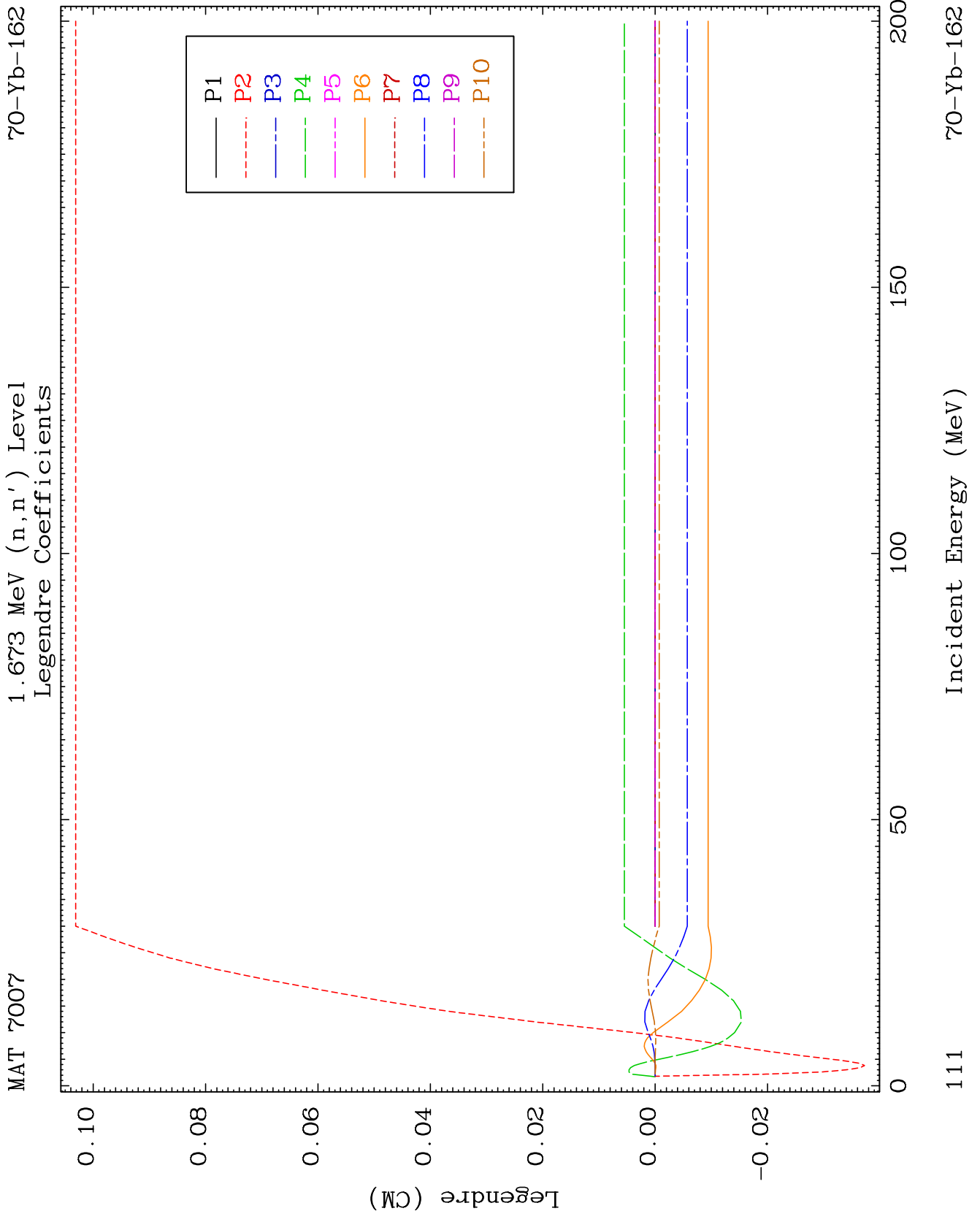




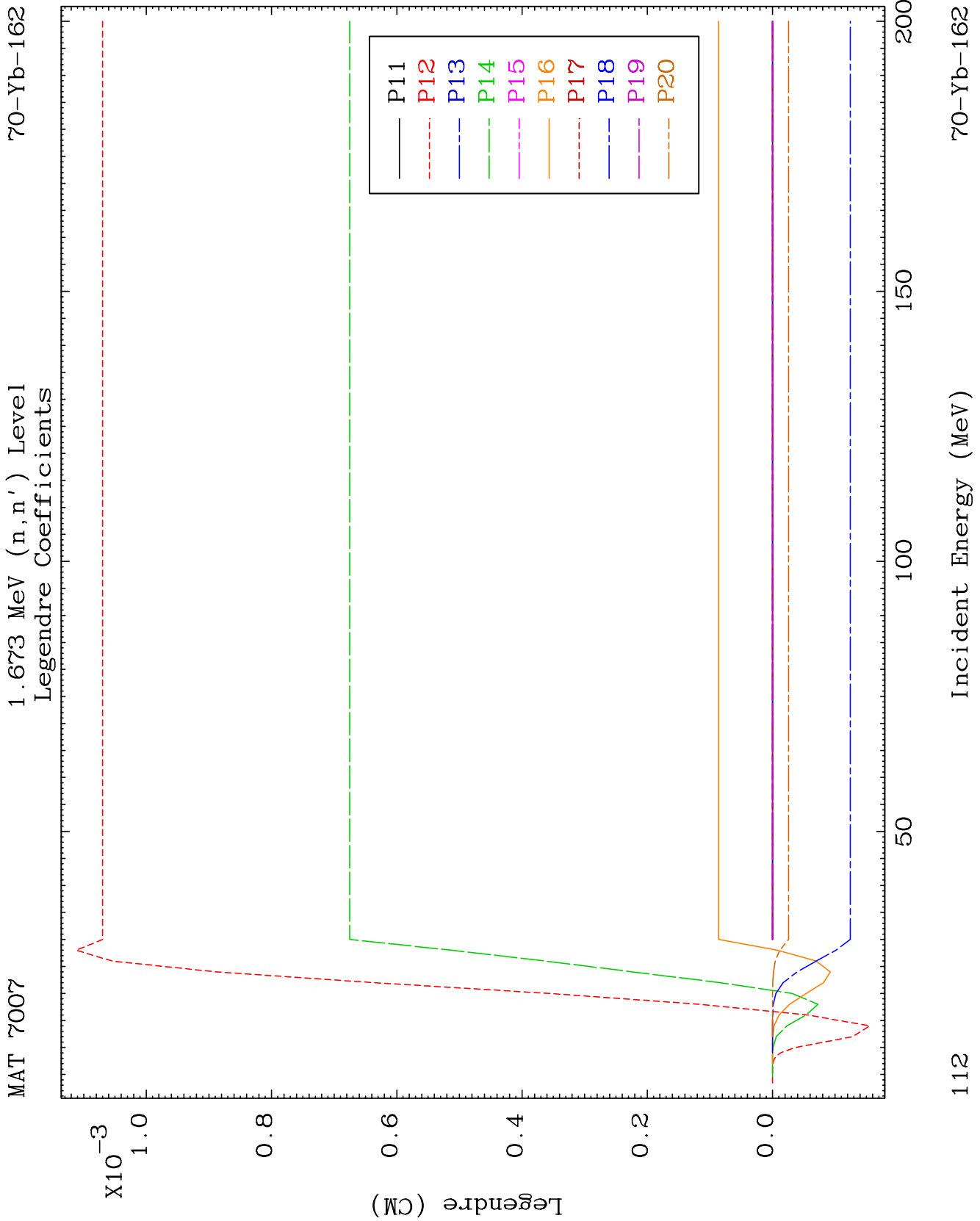


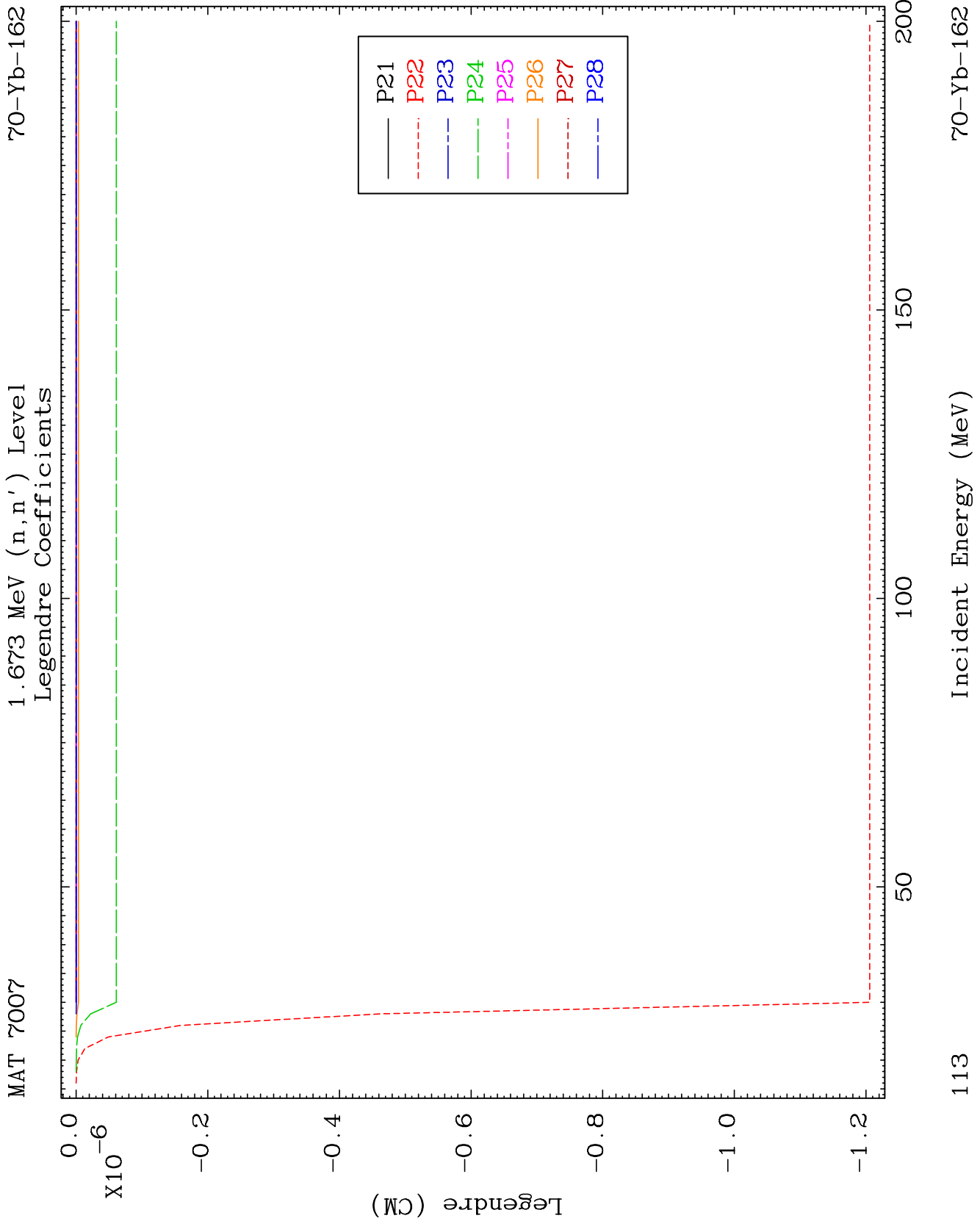


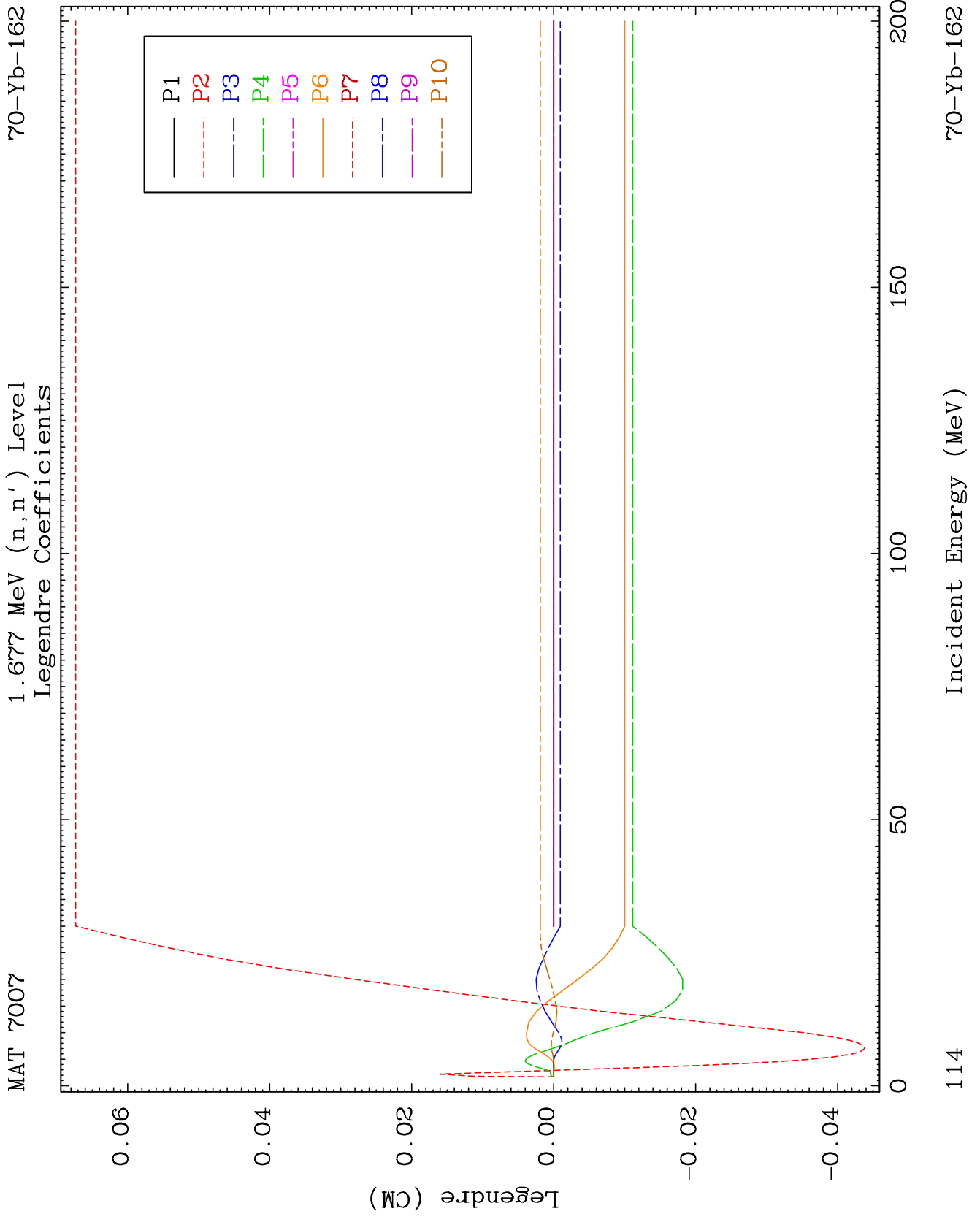


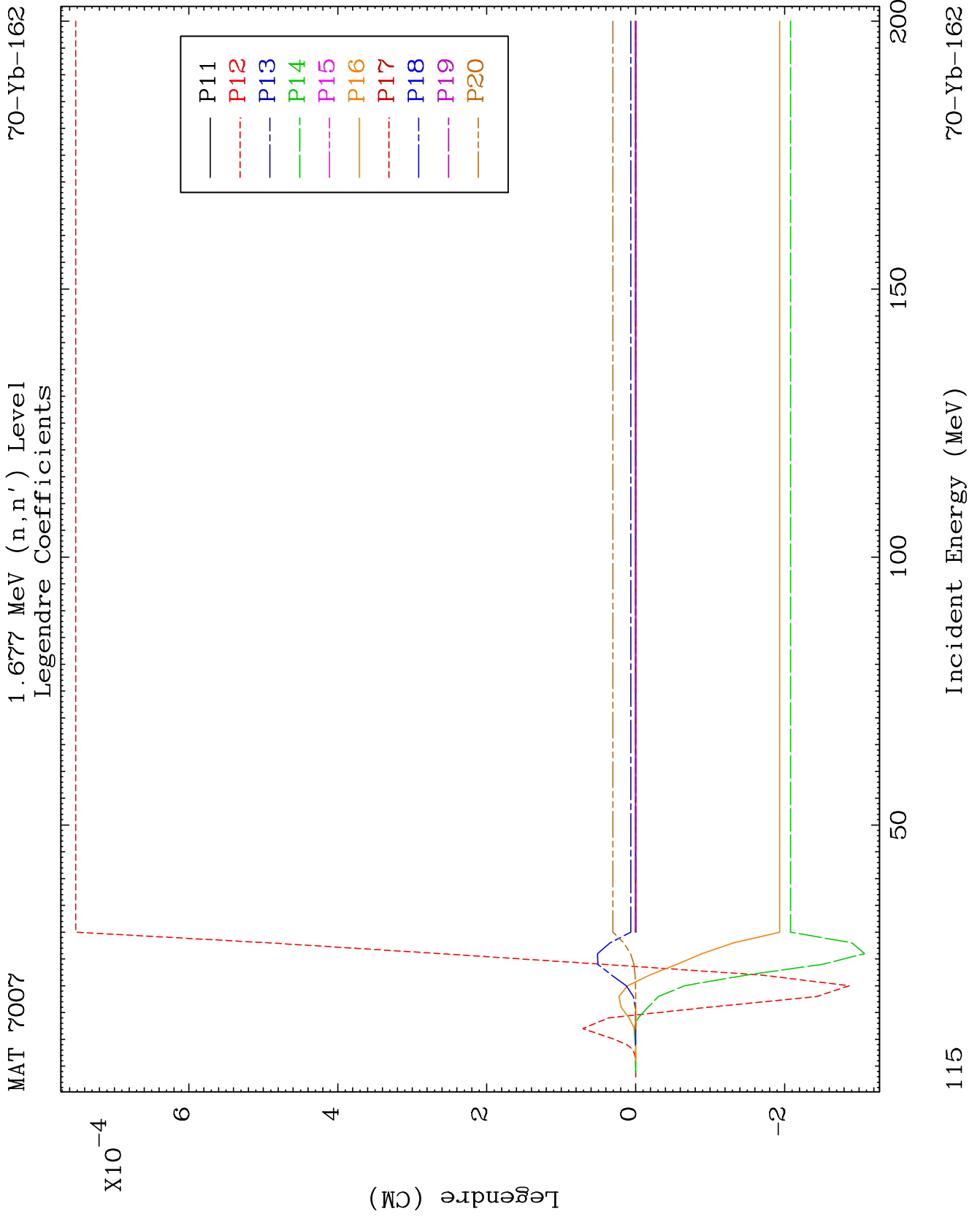


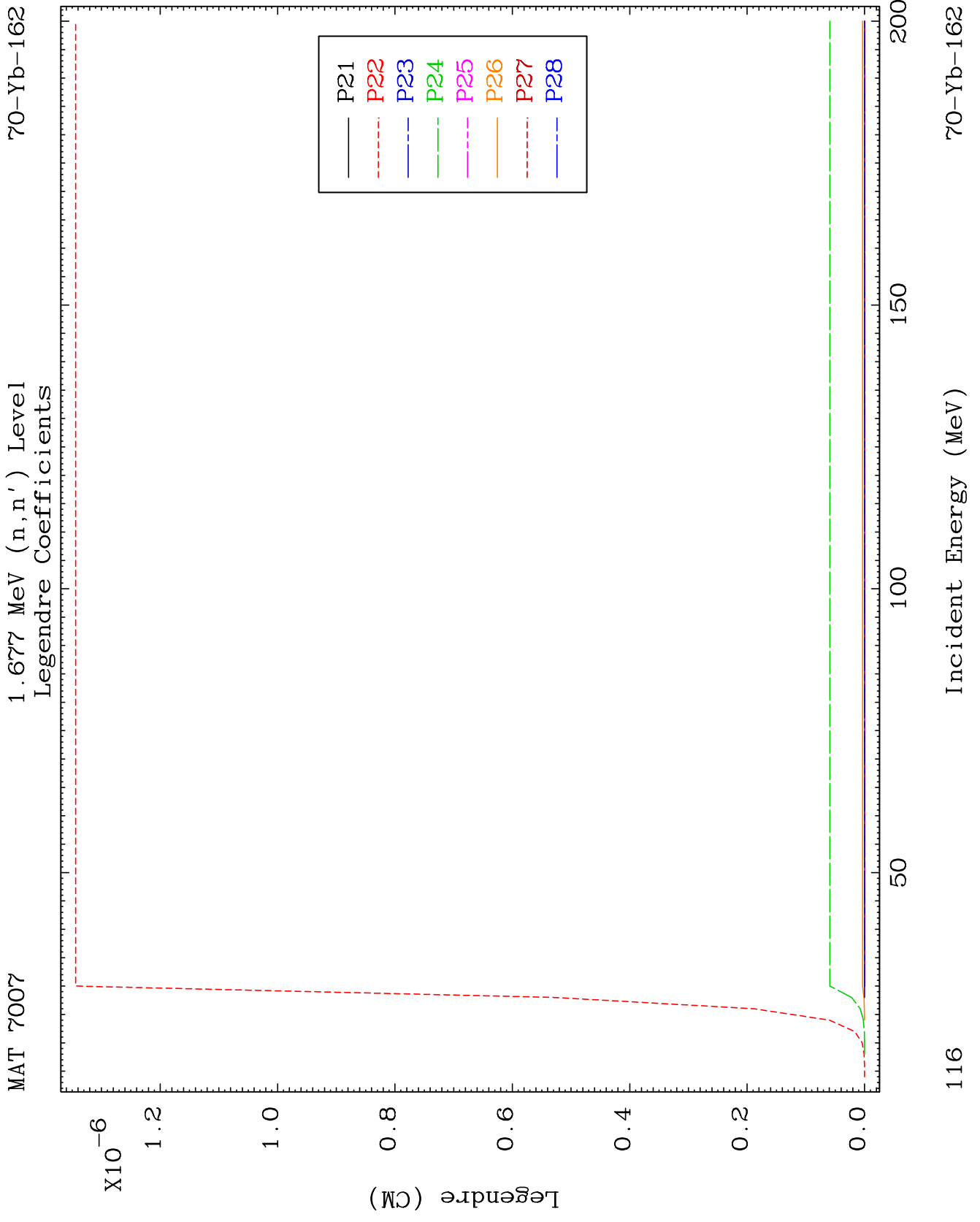


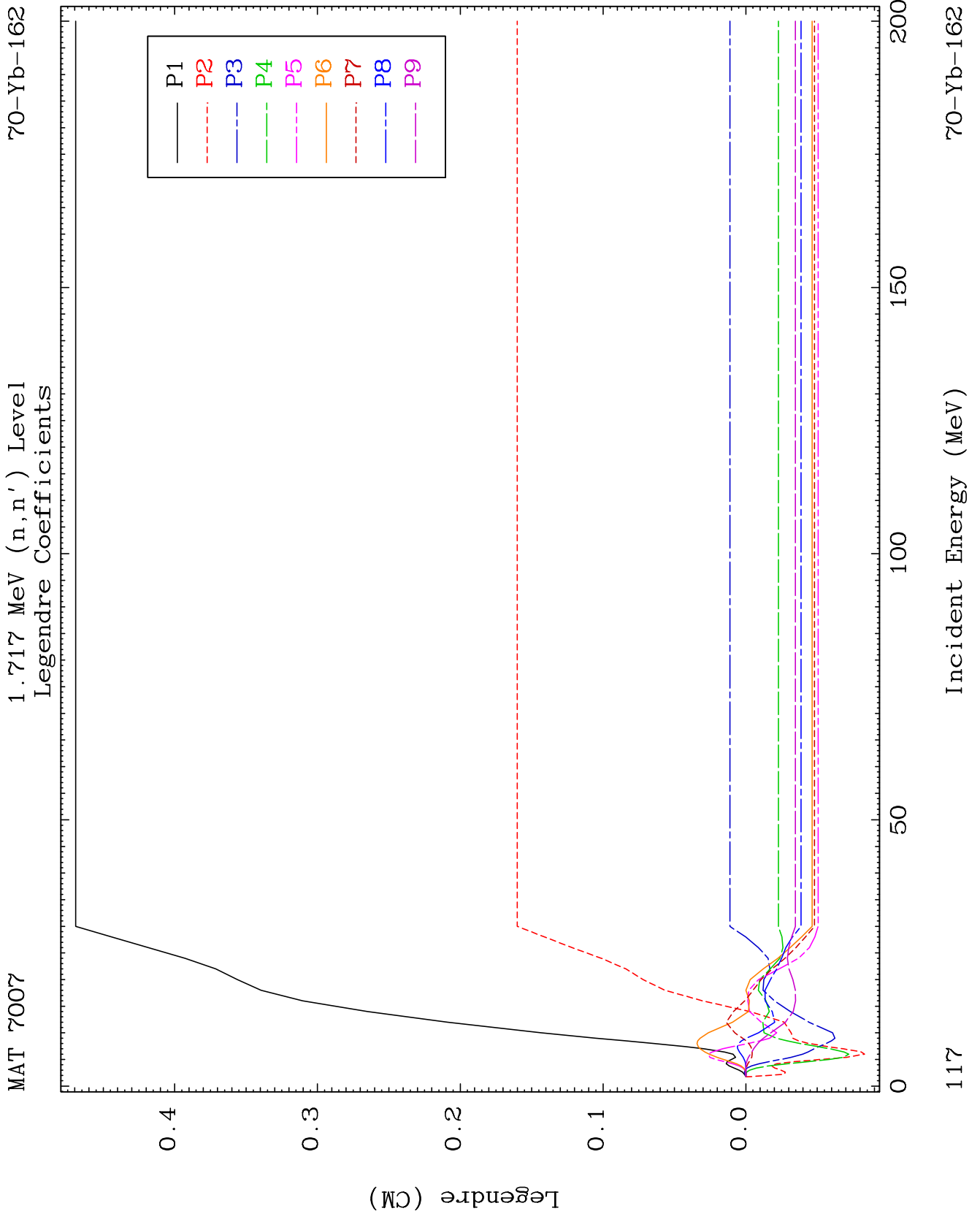








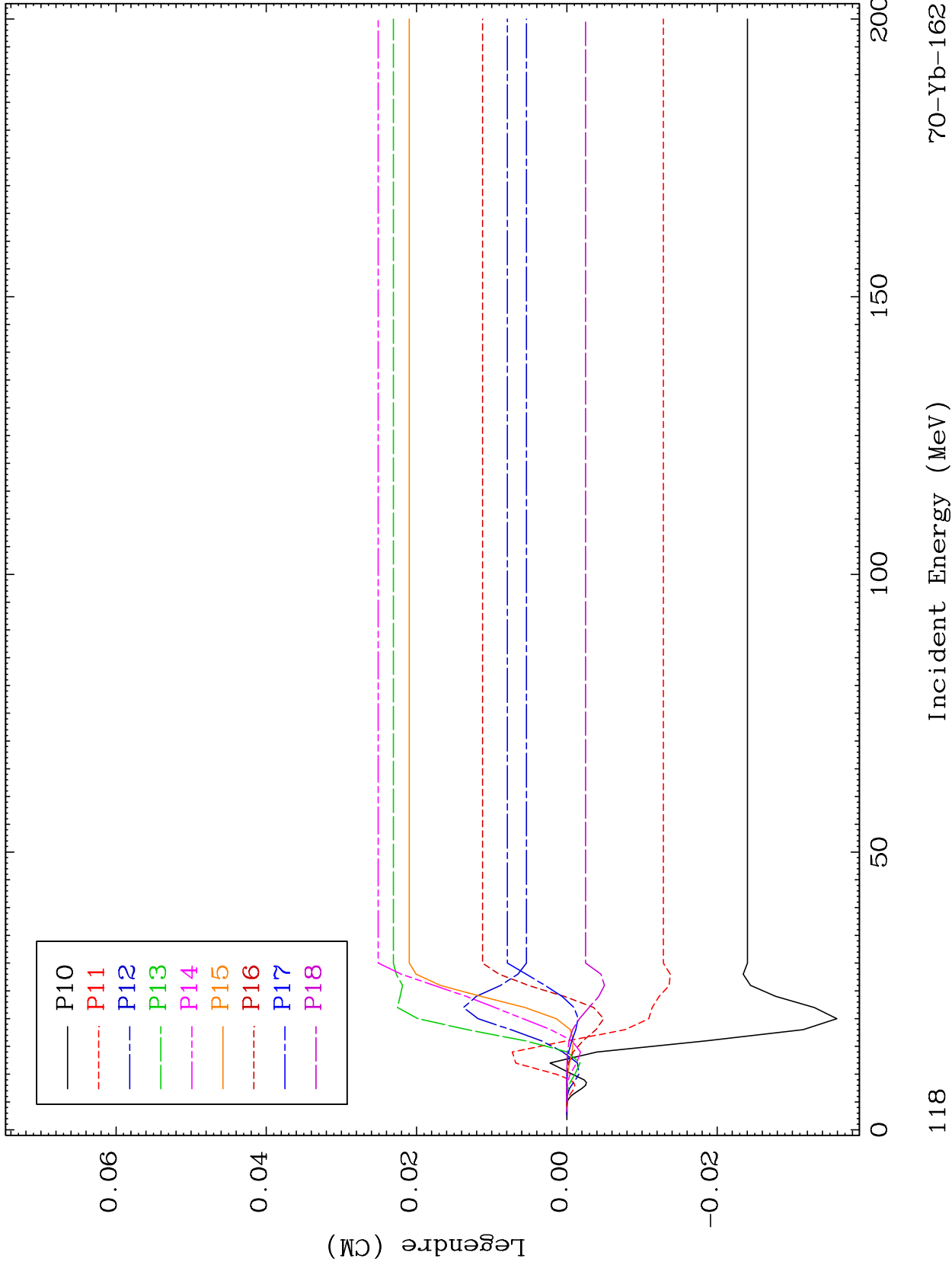




MAT 7007

1.717 MeV (n,n') Level  
Legendre Coefficients

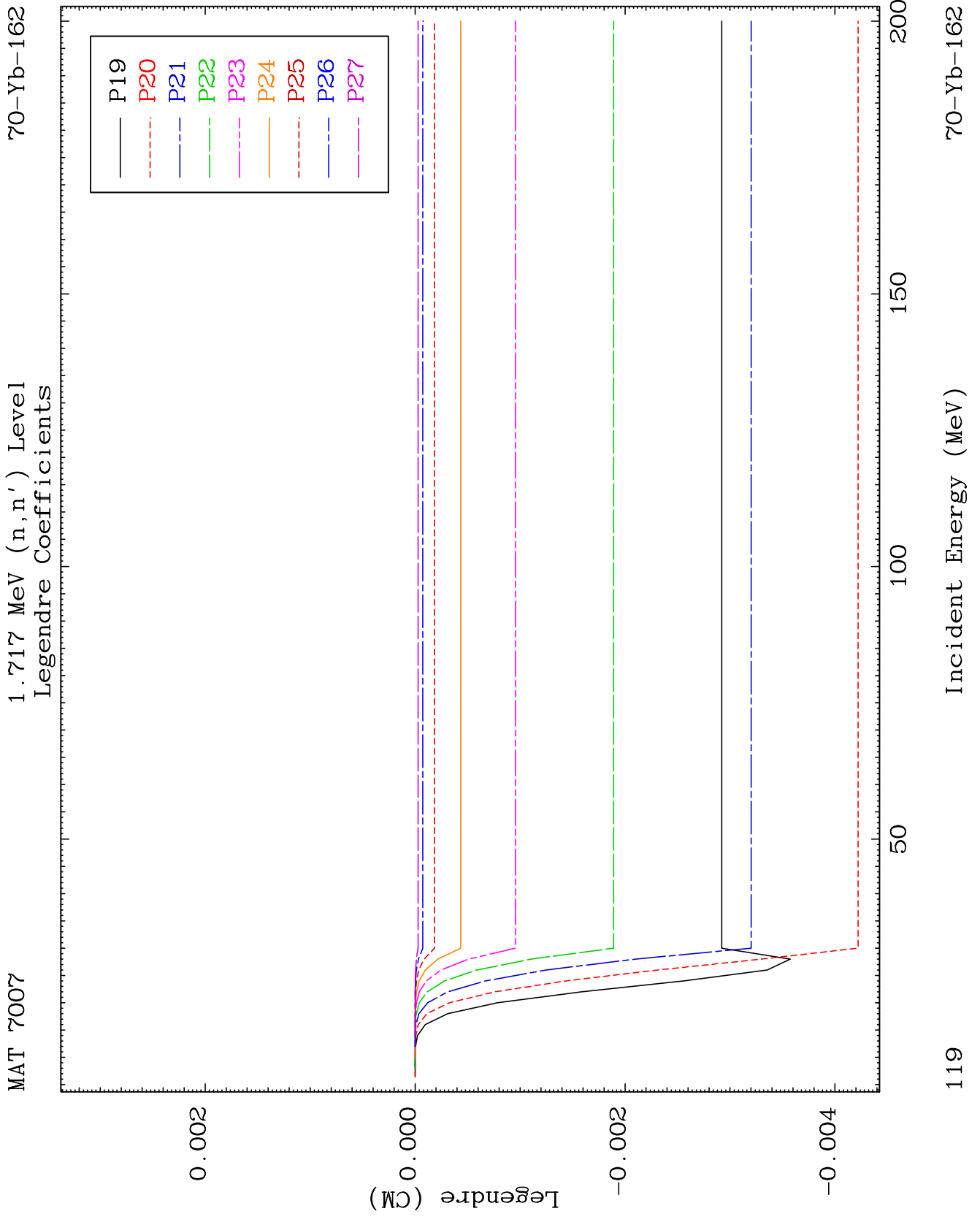
70-Yb-162



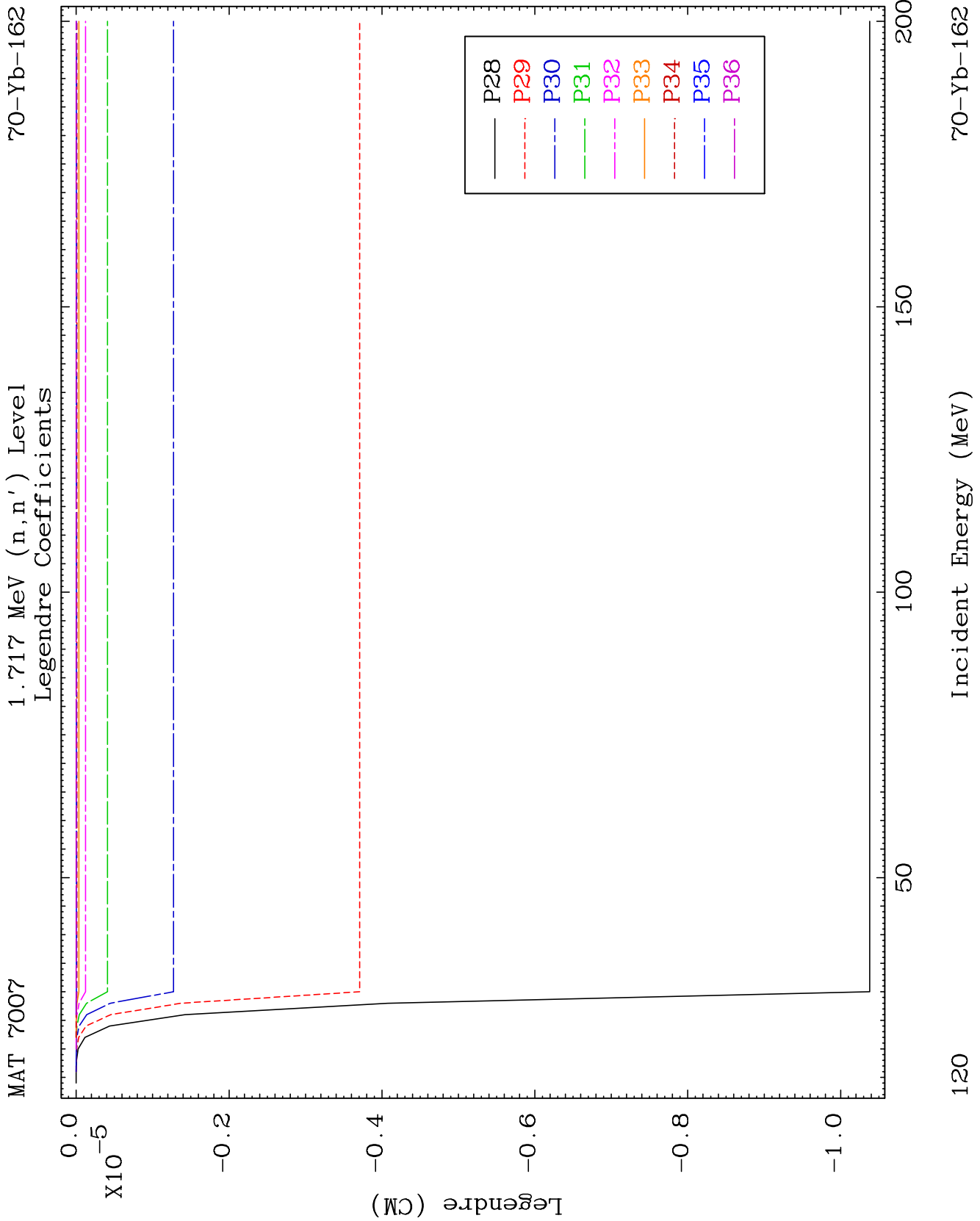
118

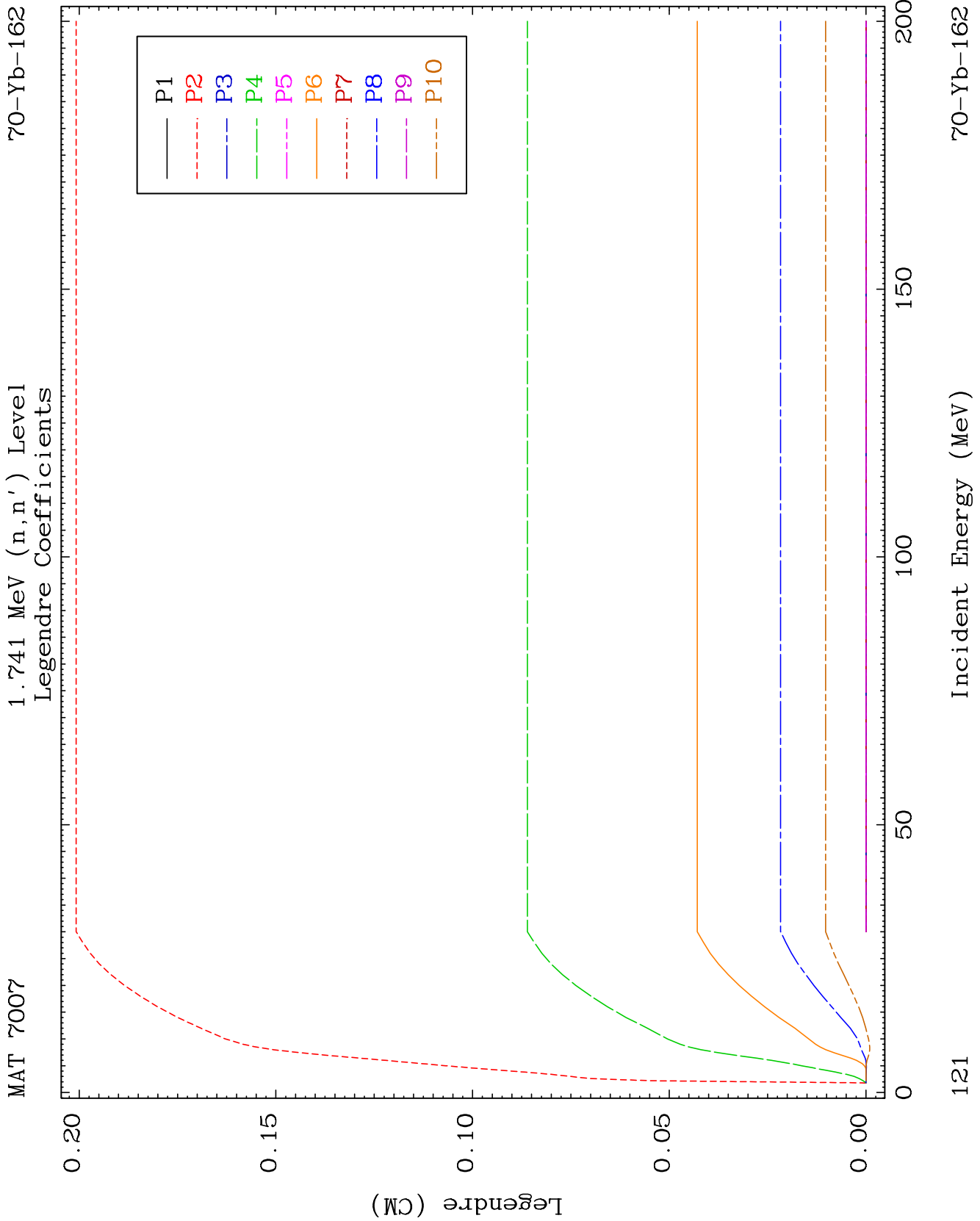
Incident Energy (MeV)

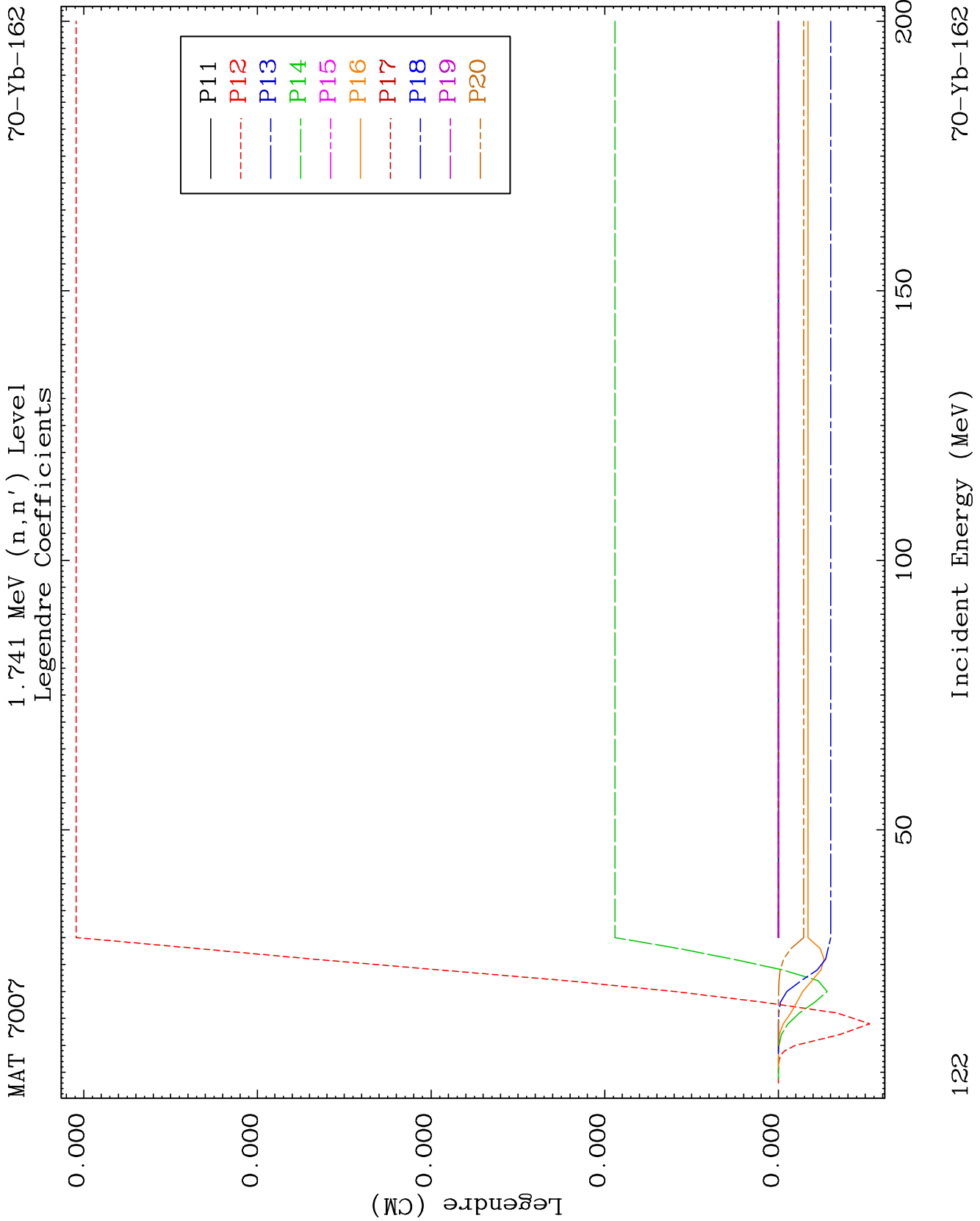
70-Yb-162

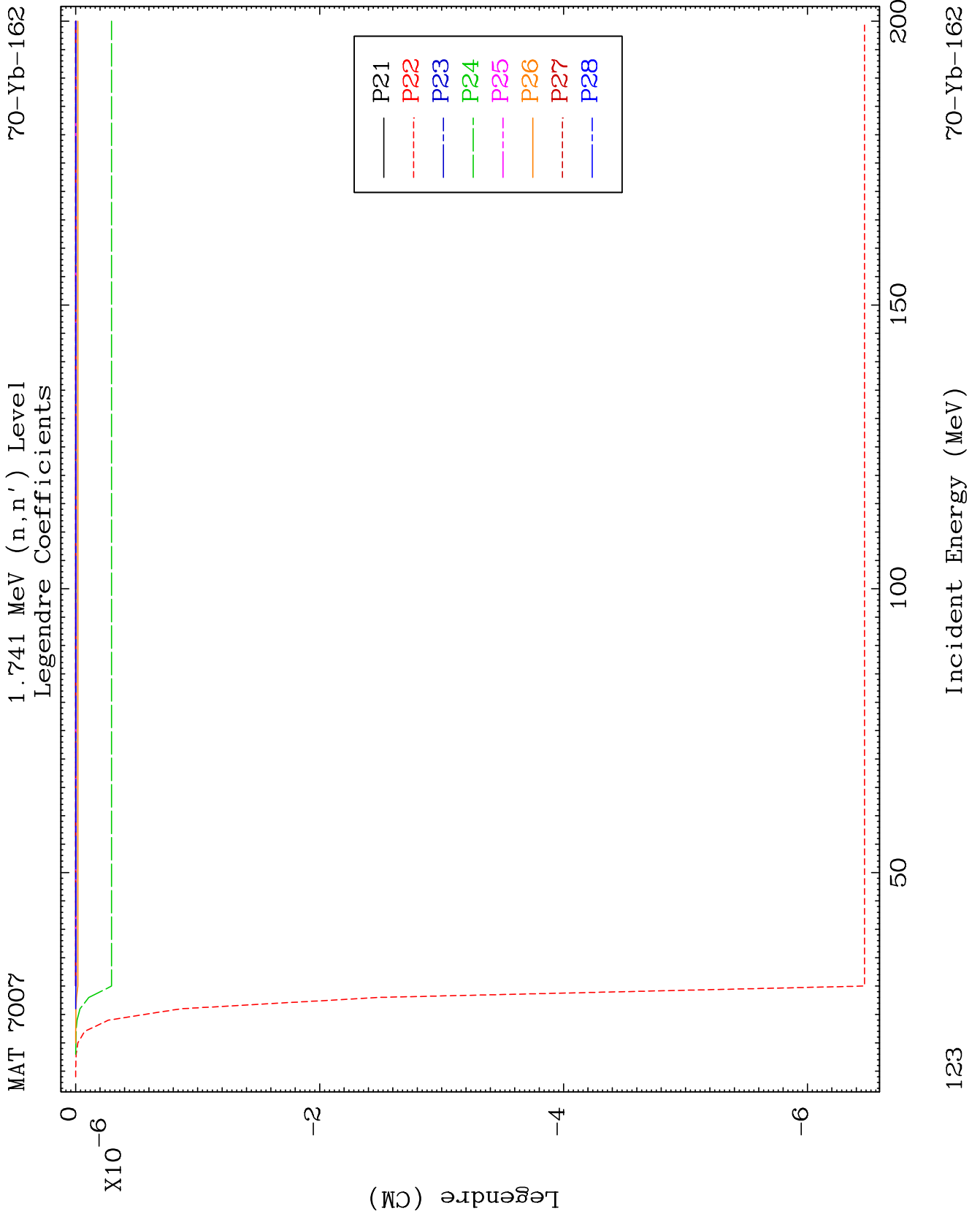










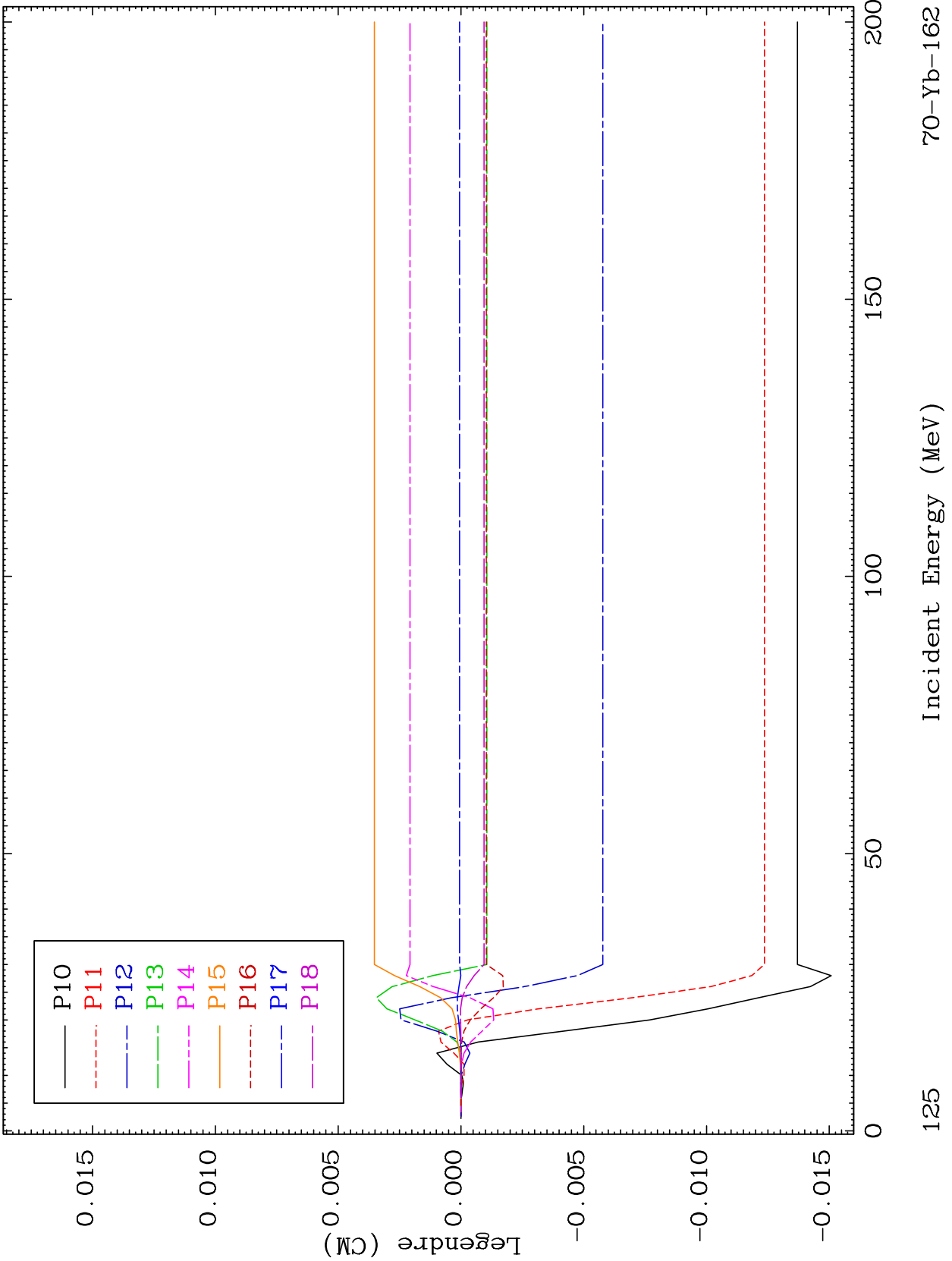




MAT 7007

1.768 MeV (n,n') Level Legendre Coefficients

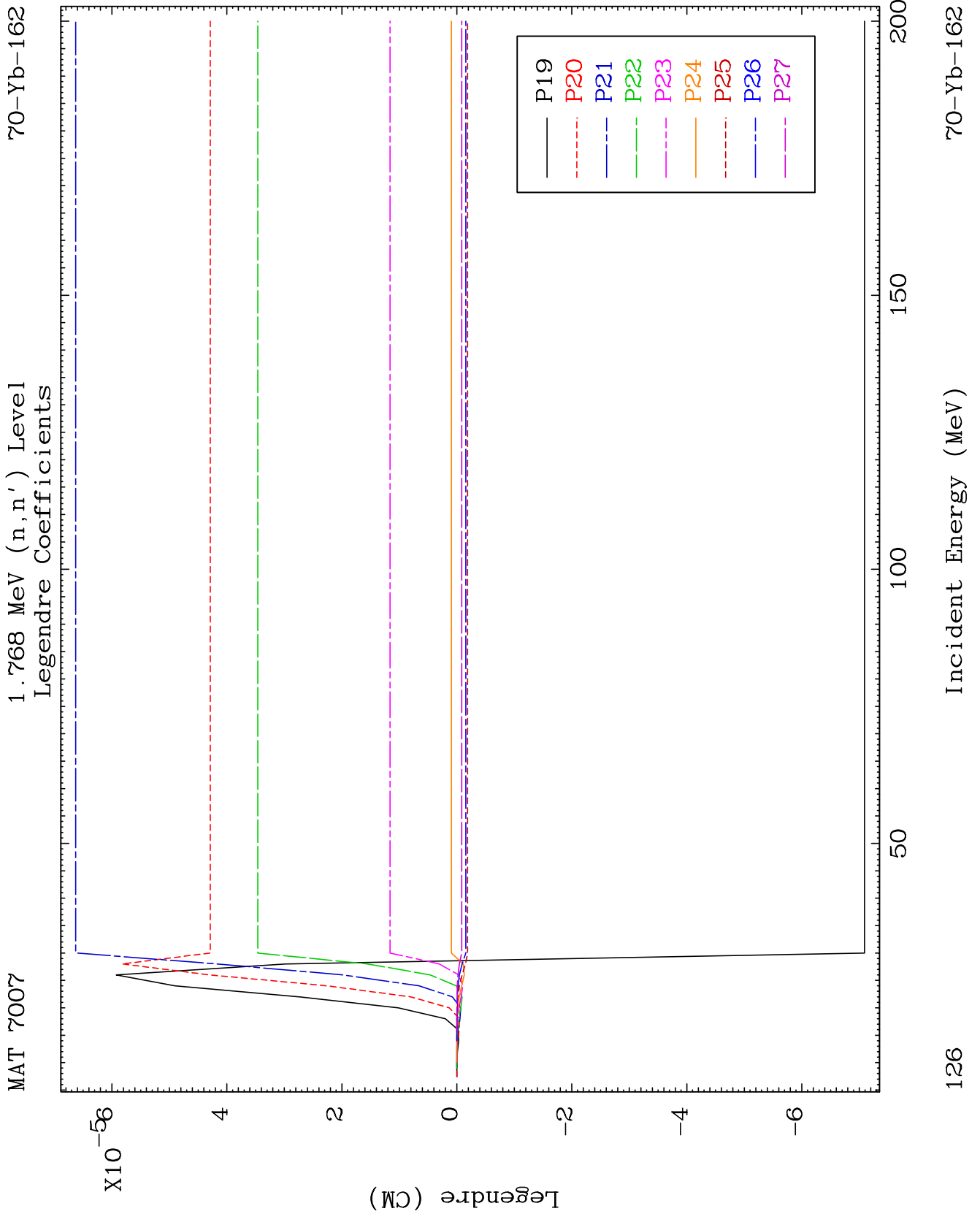
70-Yb-162

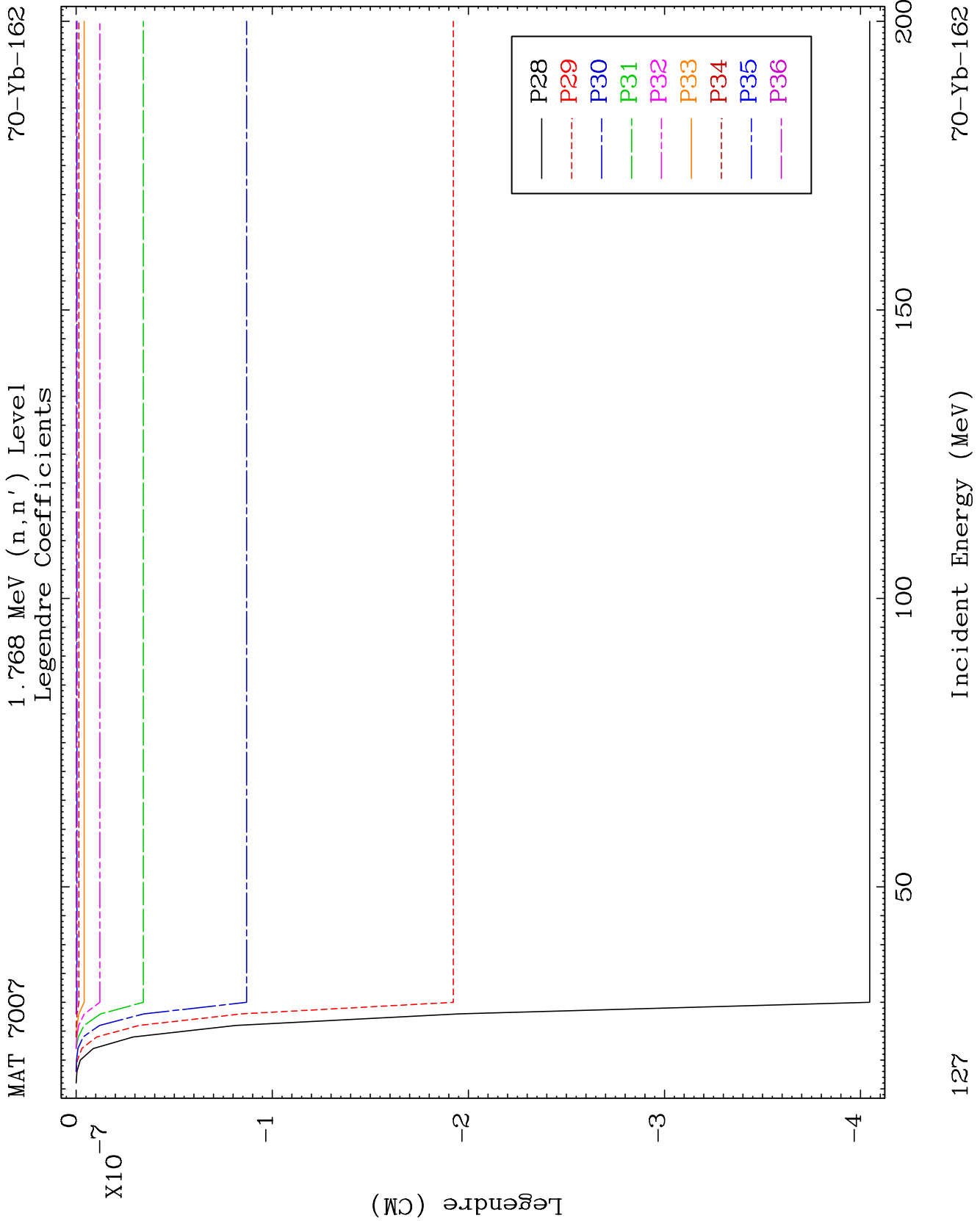


125

Incident Energy (MeV)

70-Yb-162



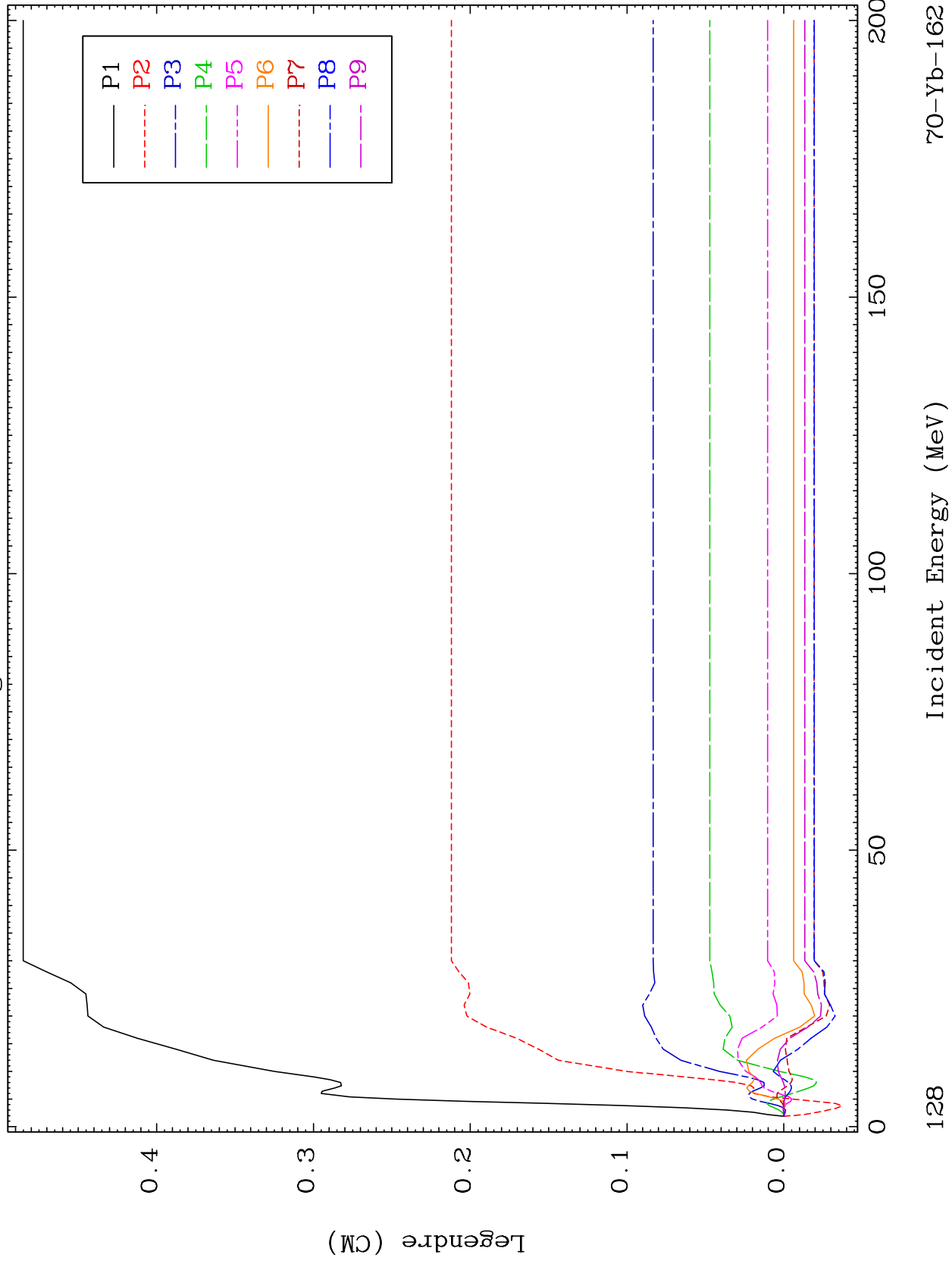




MAT 7007

1.854 MeV (n,n') Level  
Legendre Coefficients

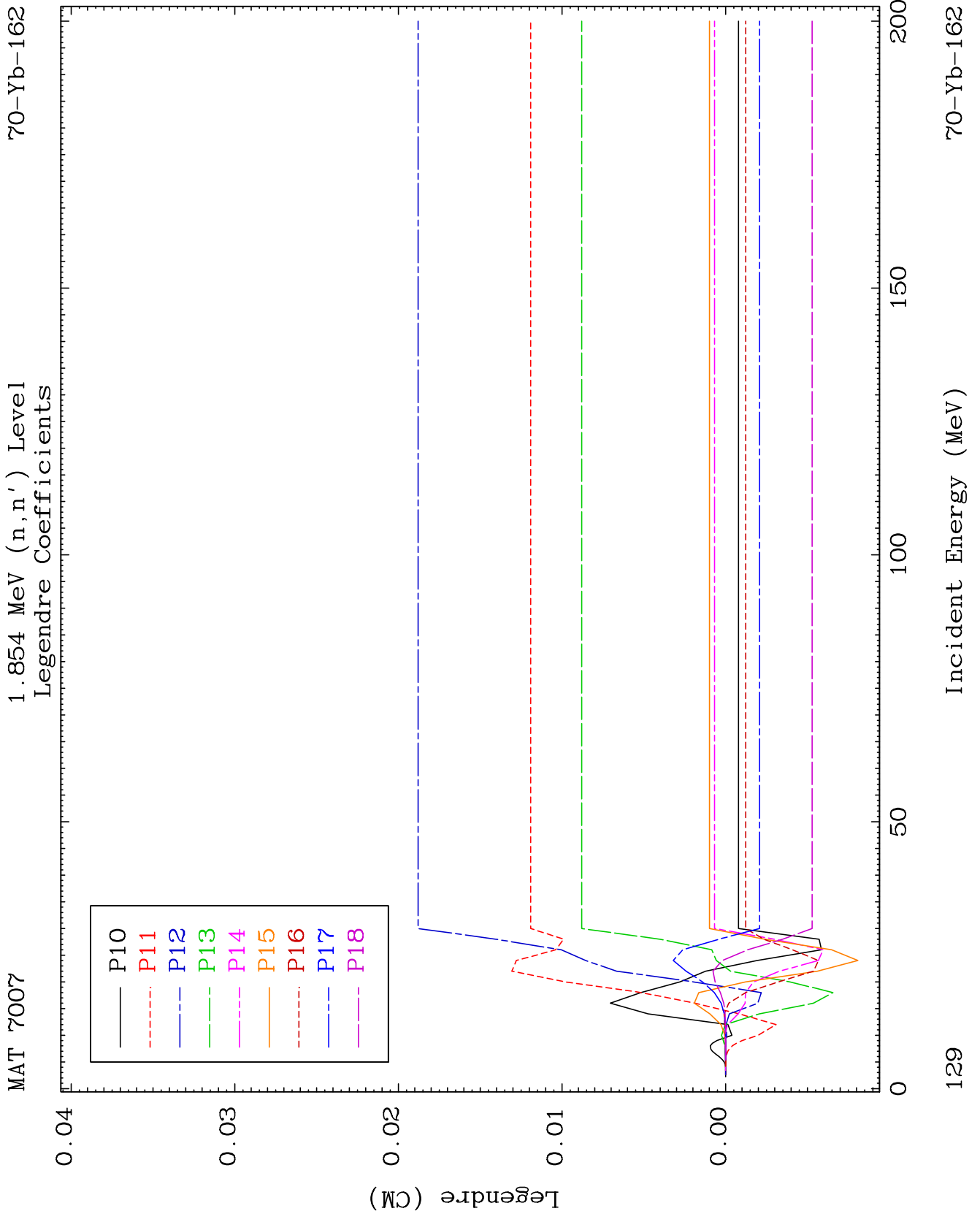
70-Yb-162



70-Yb-162

Incident Energy (MeV)

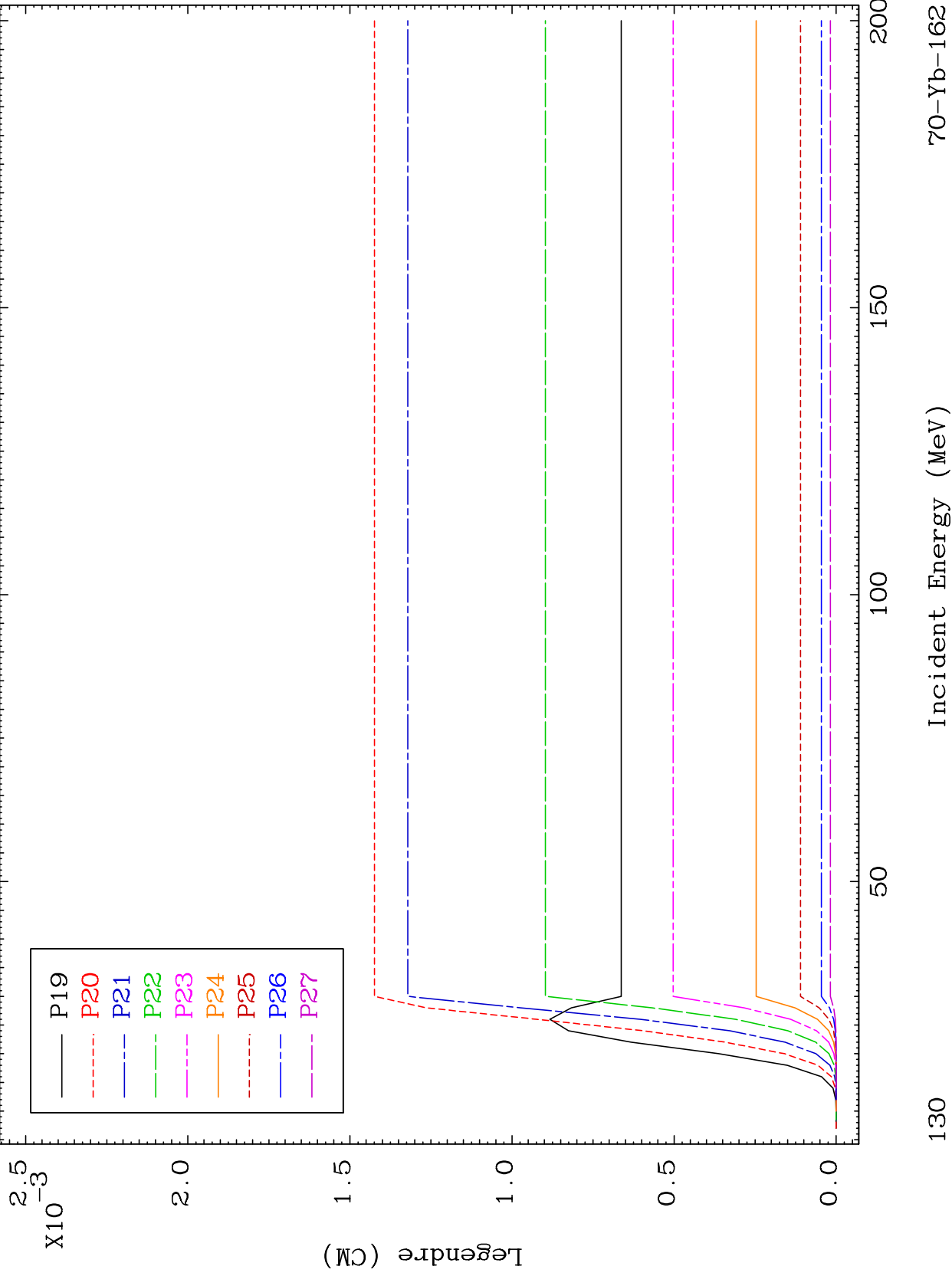
128



MAT 7007

1.854 MeV (n, n') Level  
Legendre Coefficients

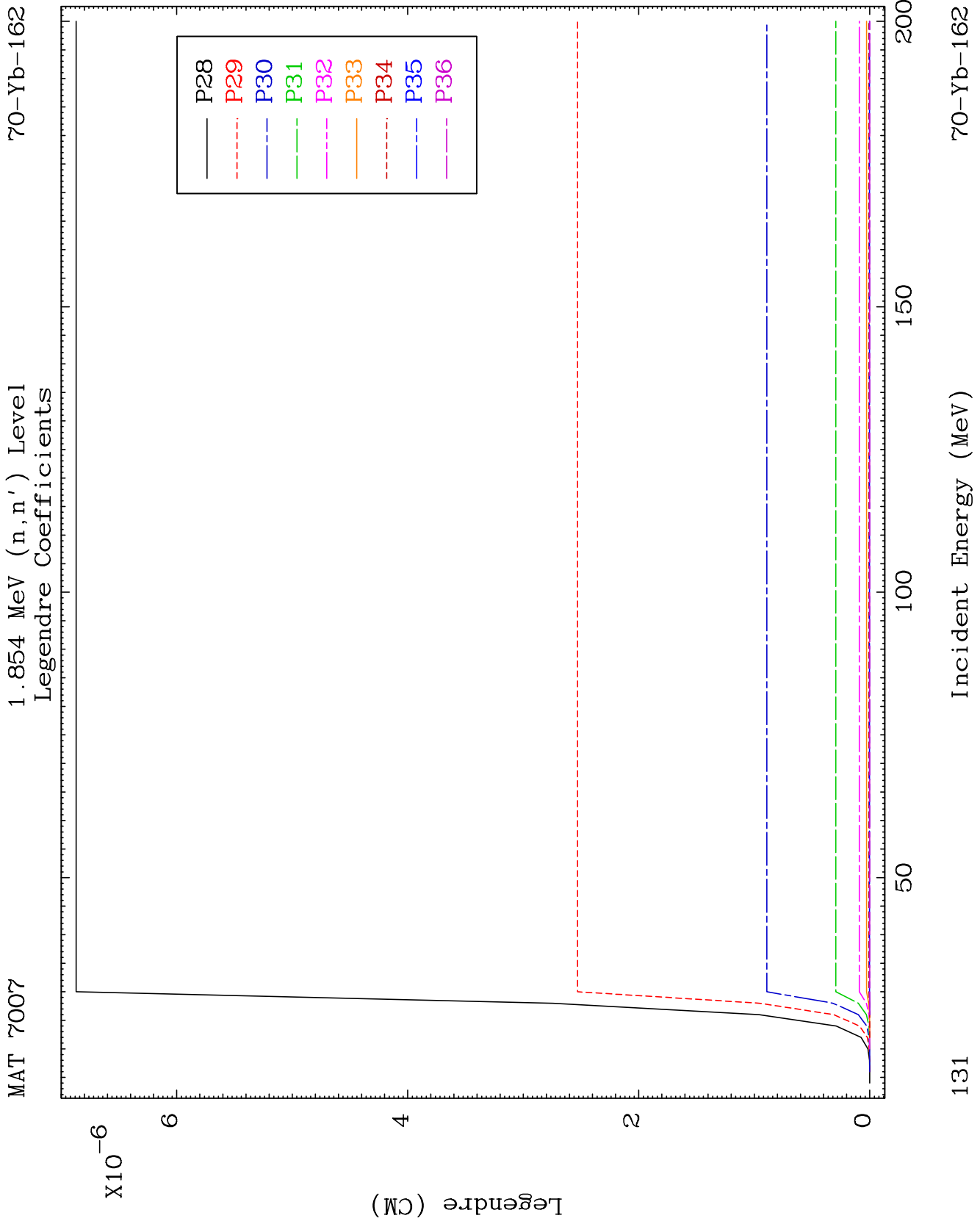
70-Yb-162



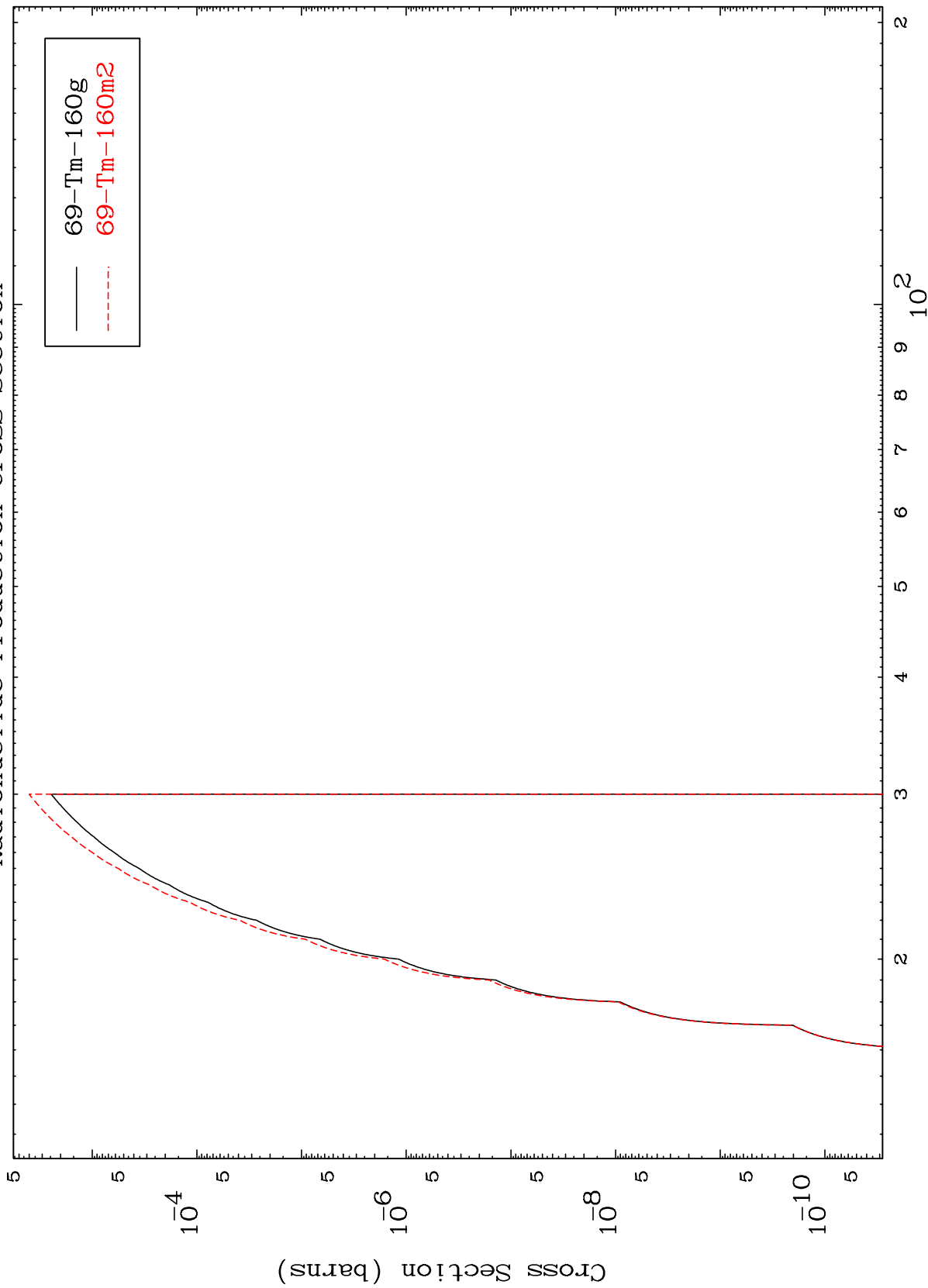
130

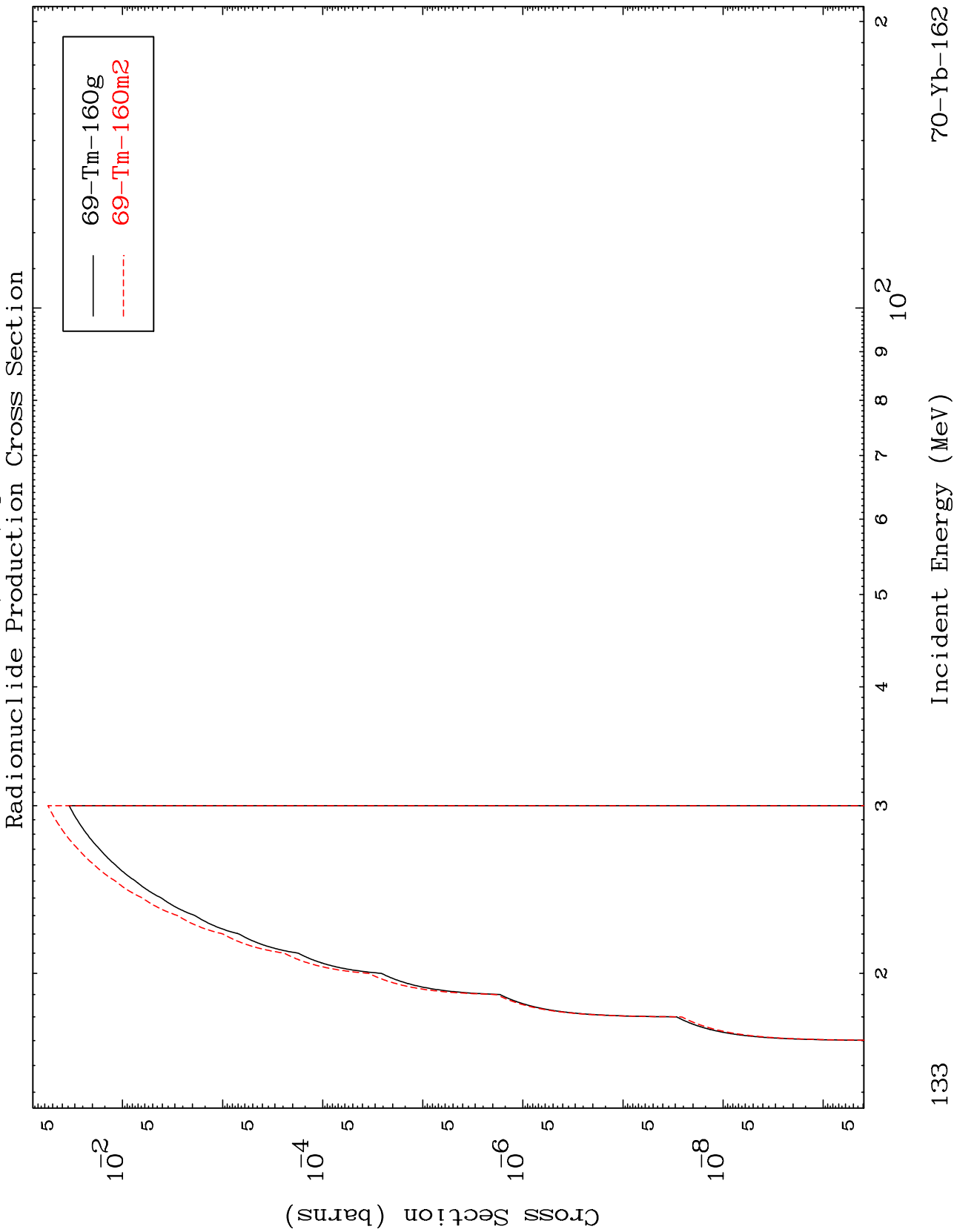
Incident Energy (MeV)

70-Yb-162



Radionuclide Production Cross Section



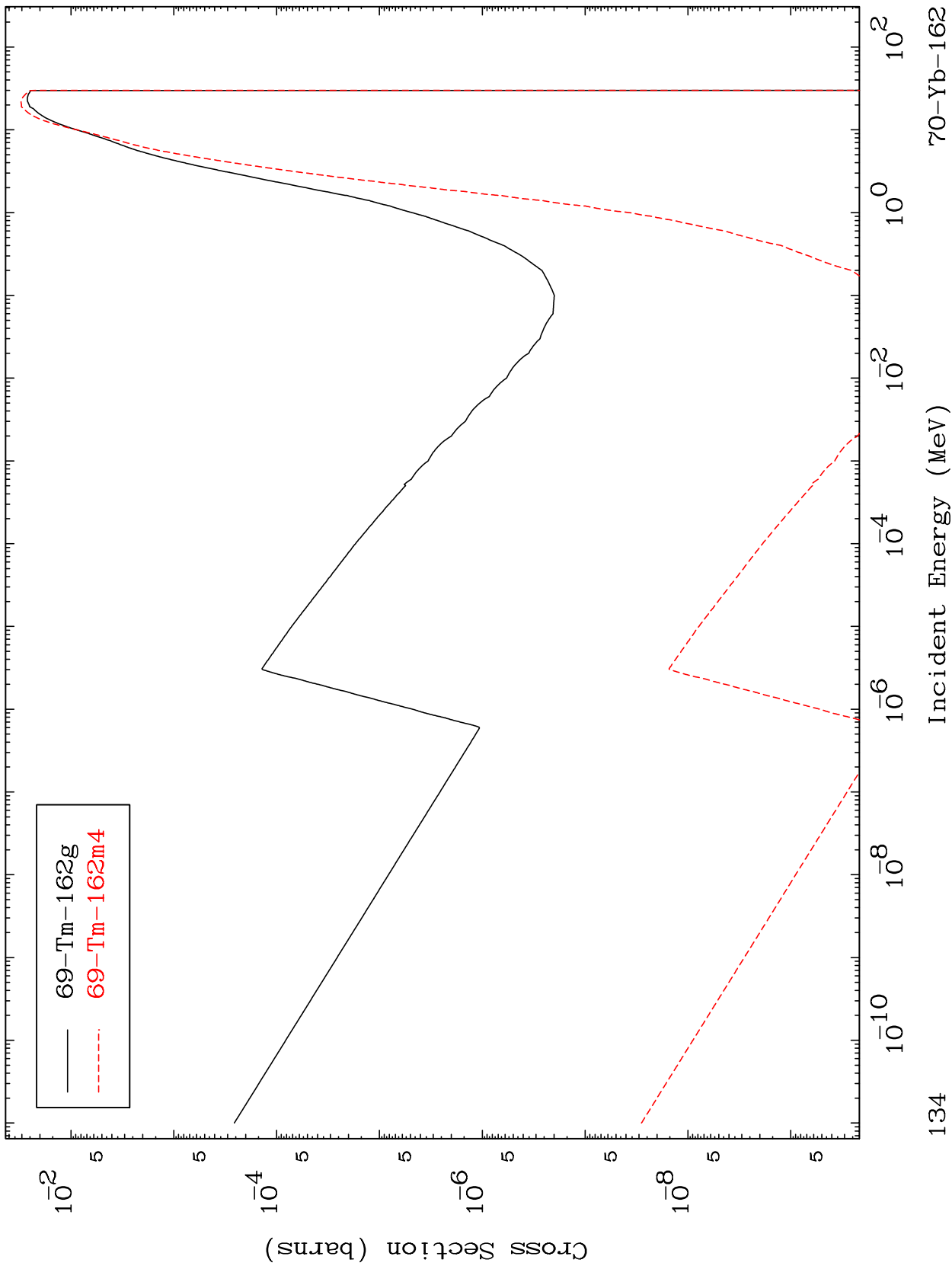


MAT 7007

(n,p)

70-Yb-162

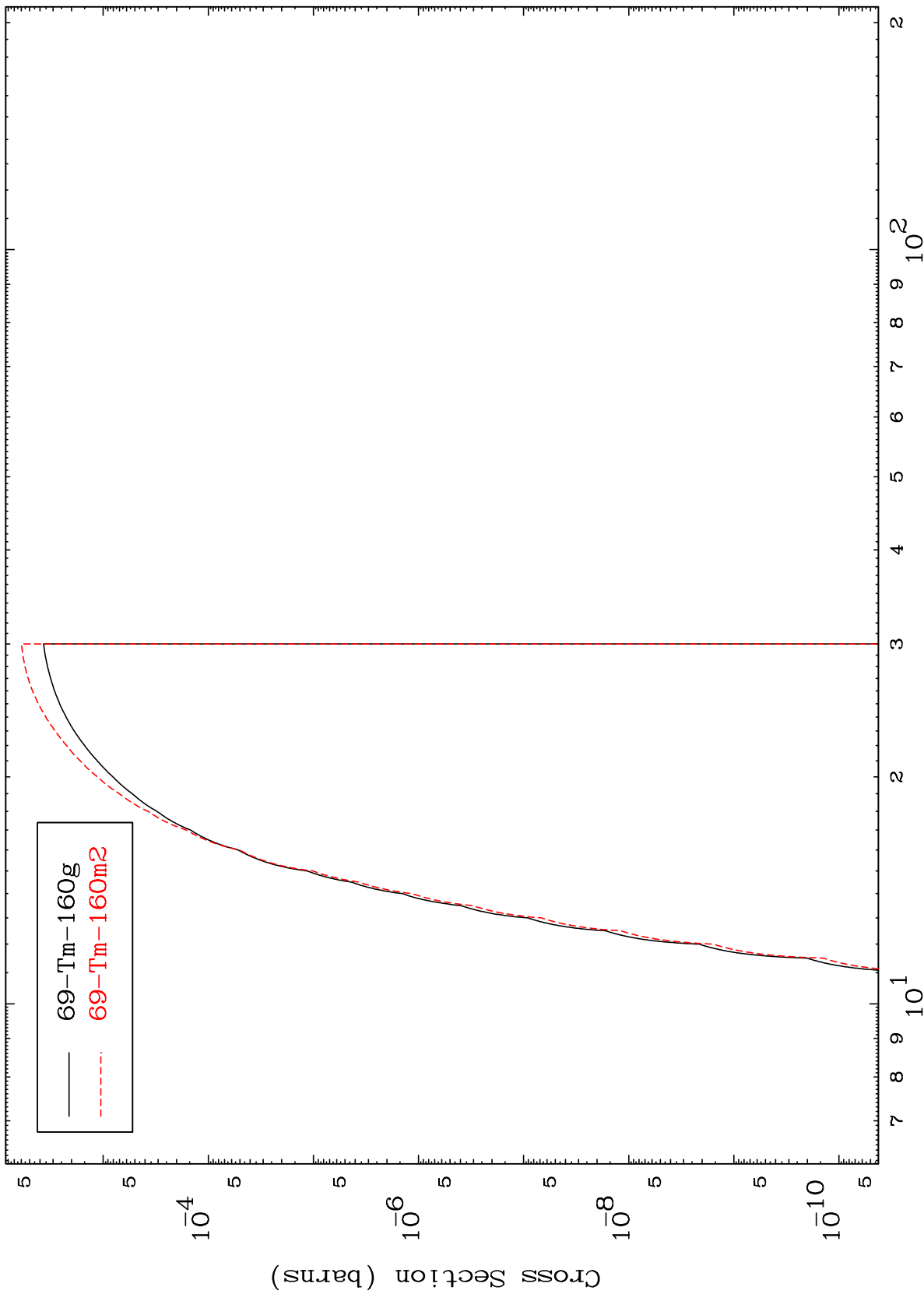
Radionuclide Production Cross Section



MAT 7007

70-Yb-162

(n,t)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

70-Yb-162



MAT 7007

(n,p)  $\alpha$

70-Yb-162

Radionuclide Production Cross Section

