

Program EVALPLOT  
(Version 2015-2)

by

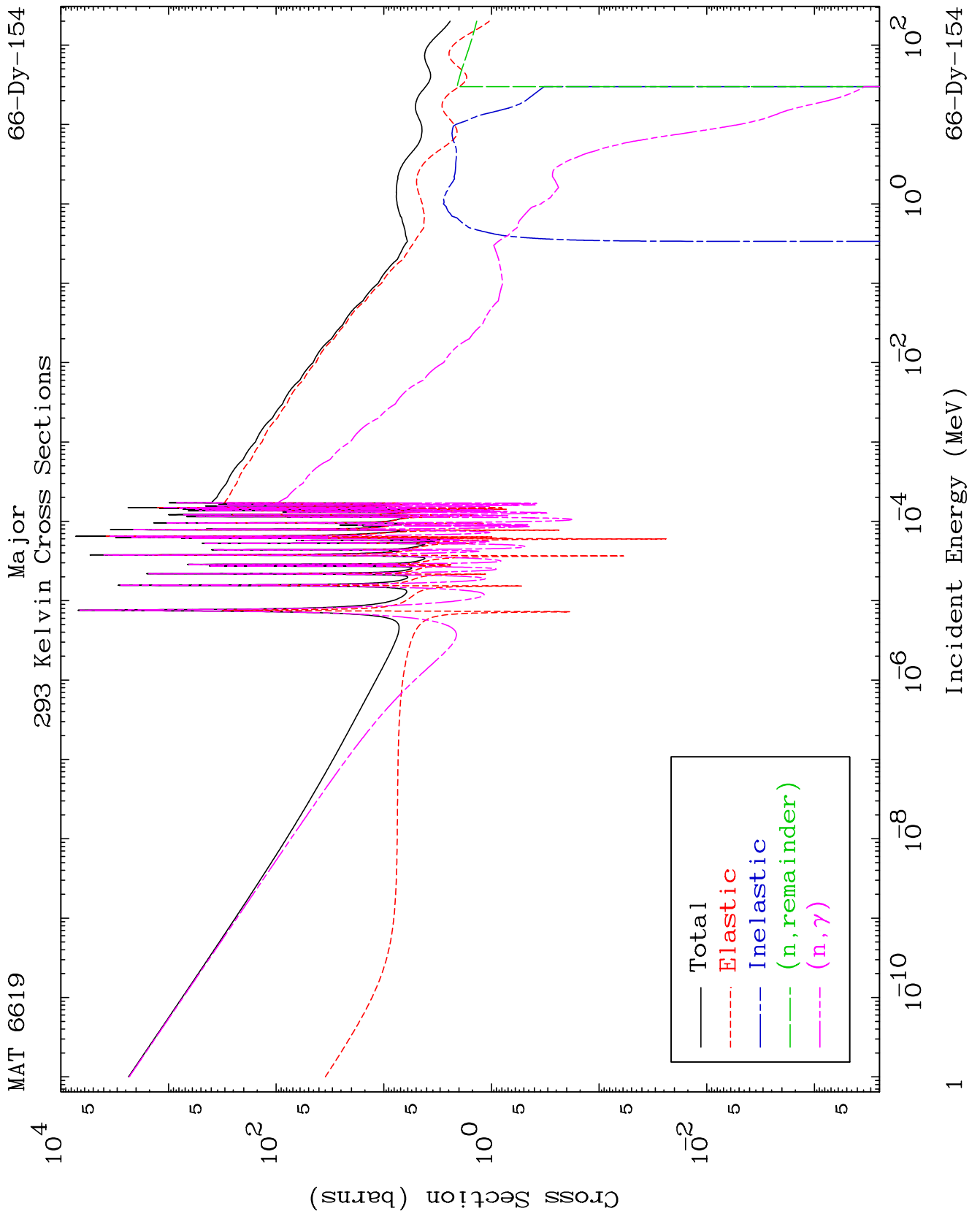
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(Present Contact Information)

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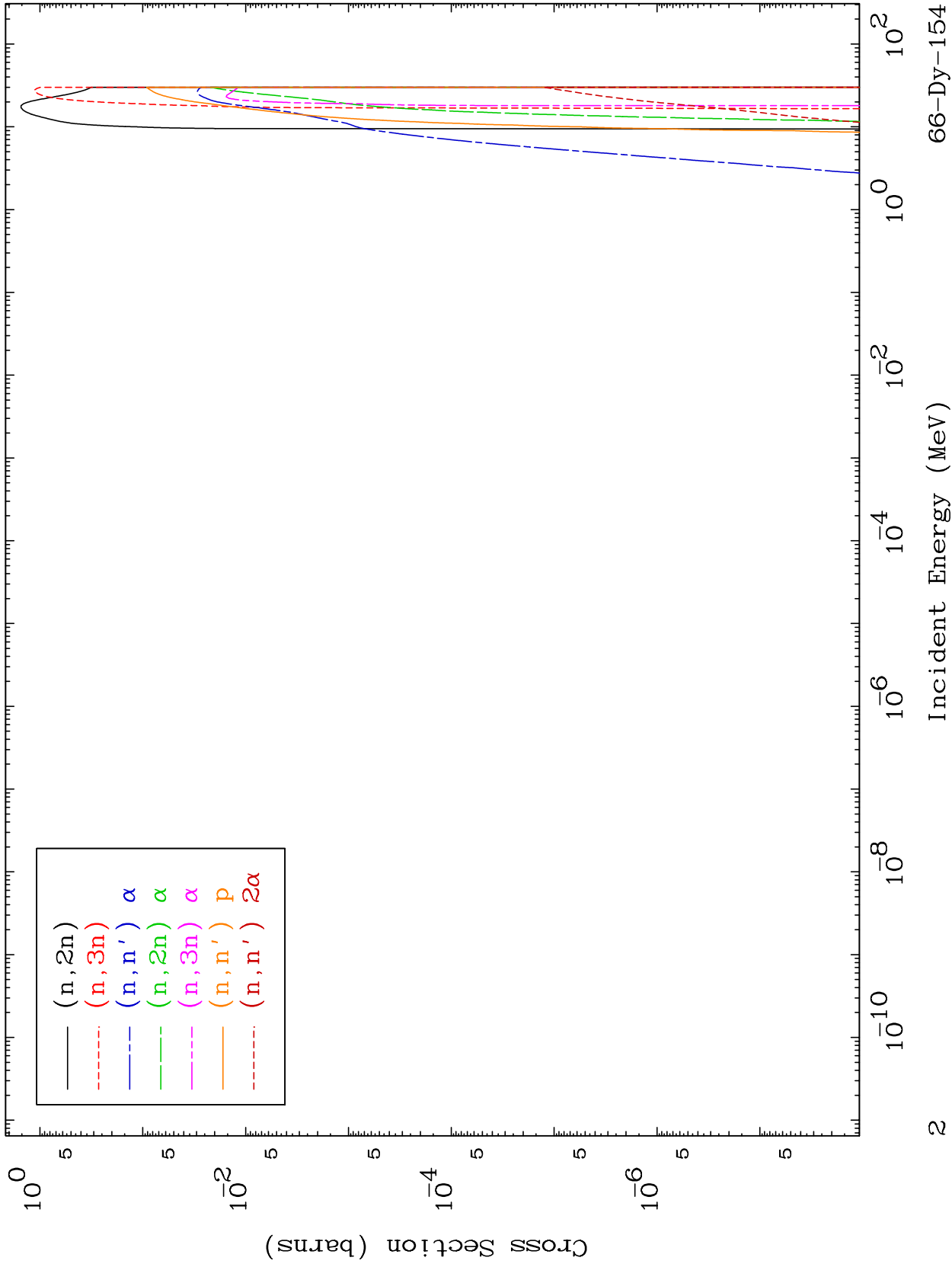
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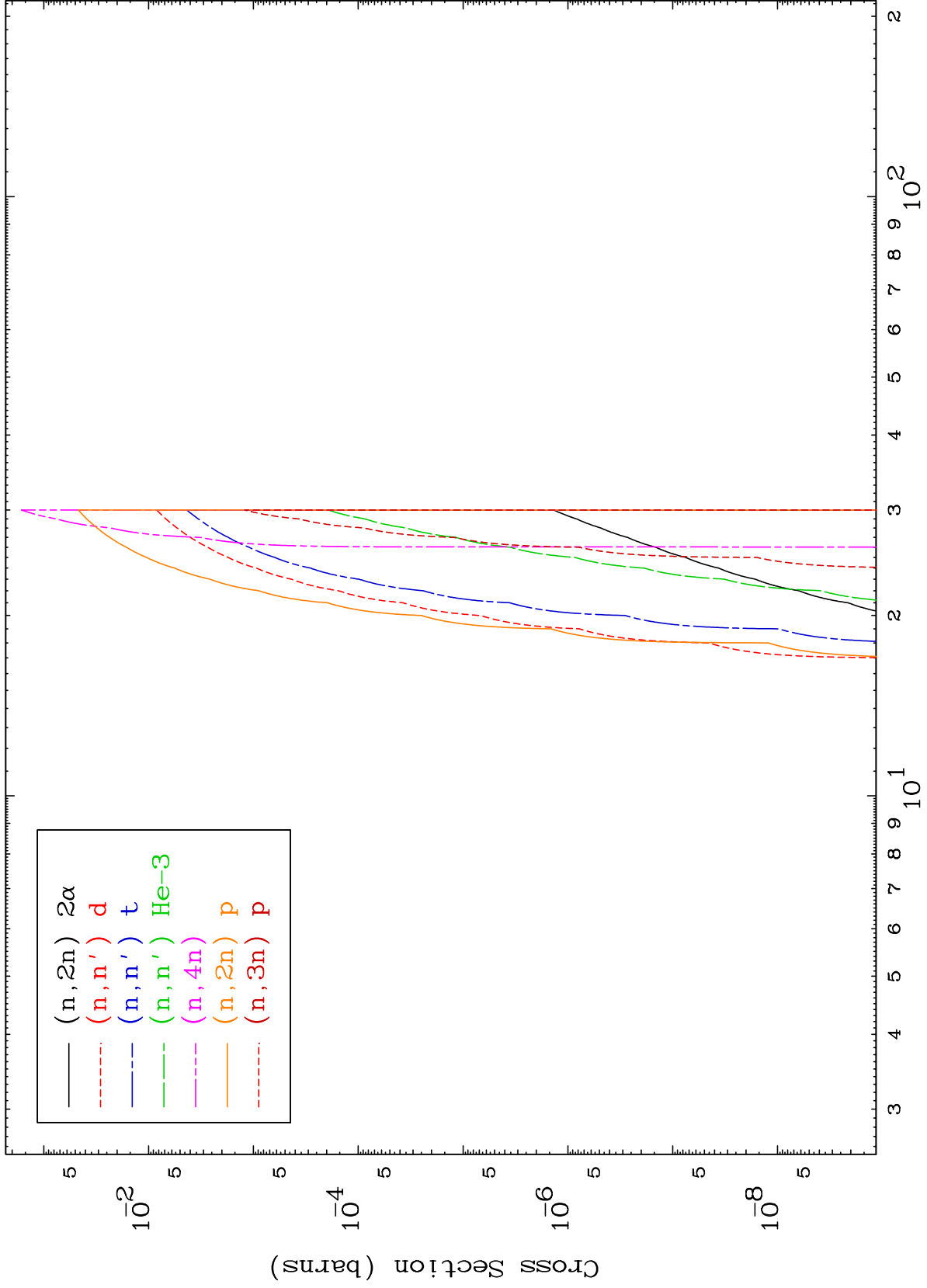


MAT 6619

Neutron Production  
293 Kelvin Cross Sections

66-Dy-154

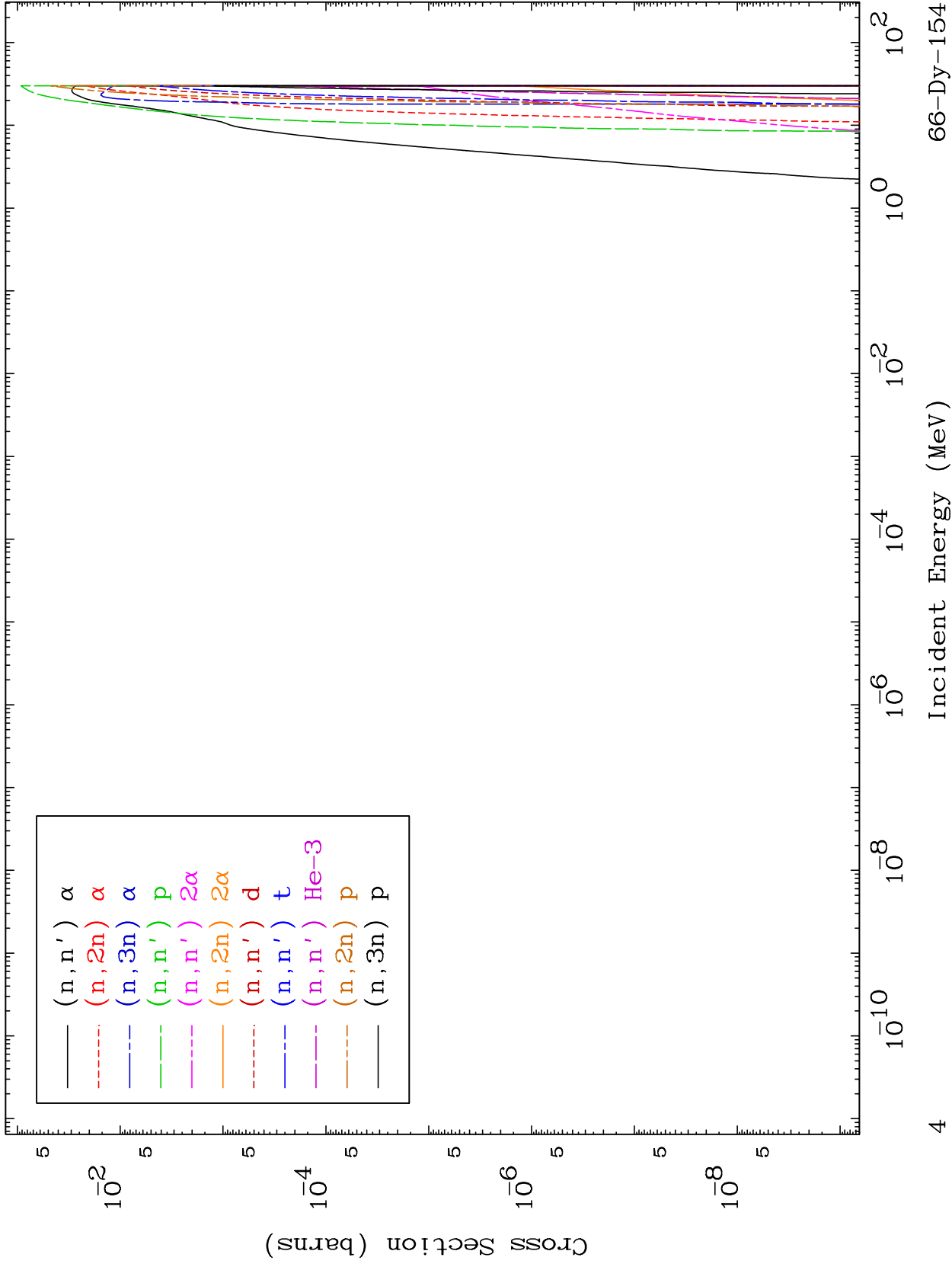




MAT 6619

Charged Particle  
293 Kelvin Cross Sections

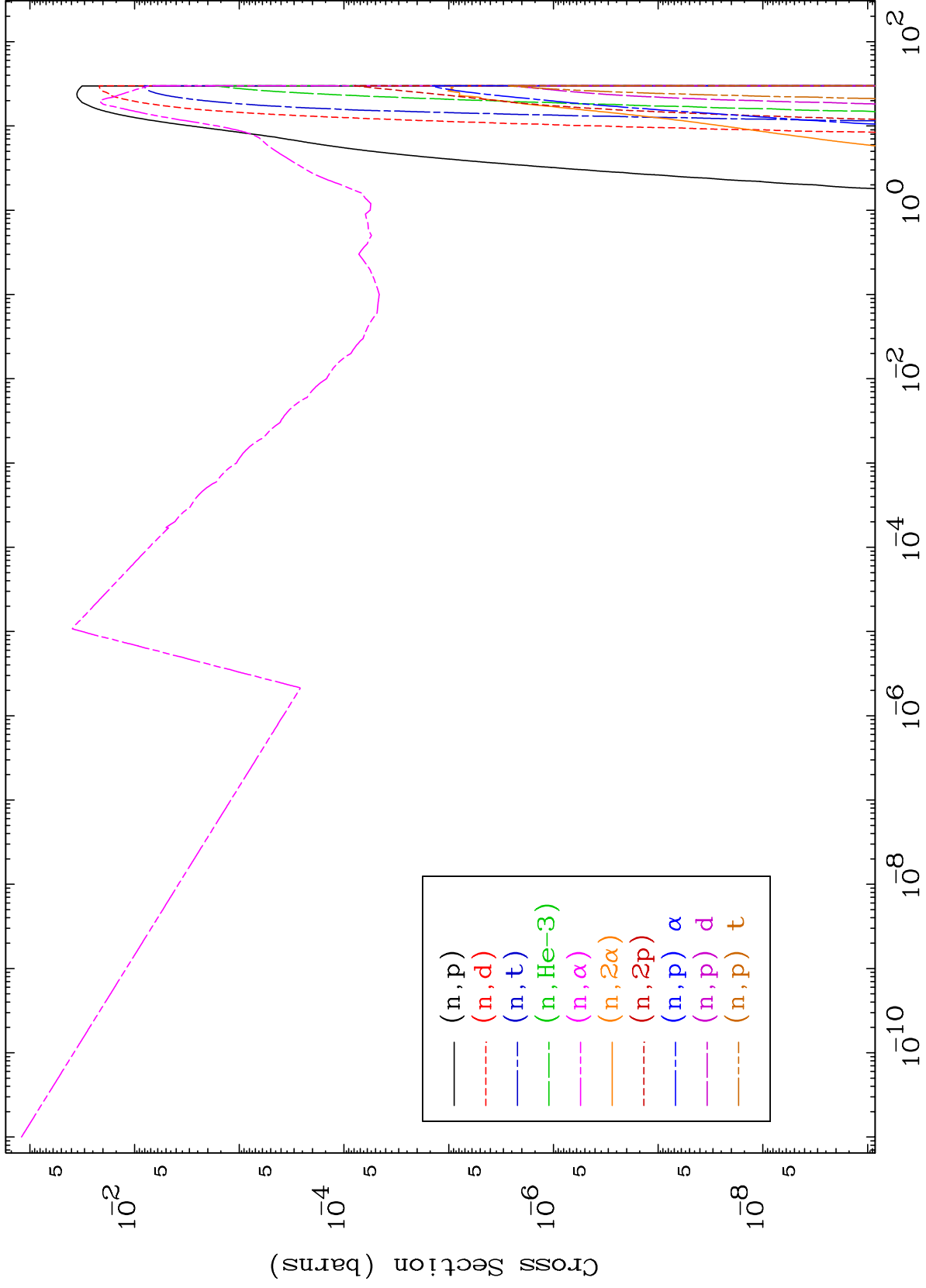
66-Dy-154



MAT 6619

Charged Particle  
293 Kelvin Cross Sections

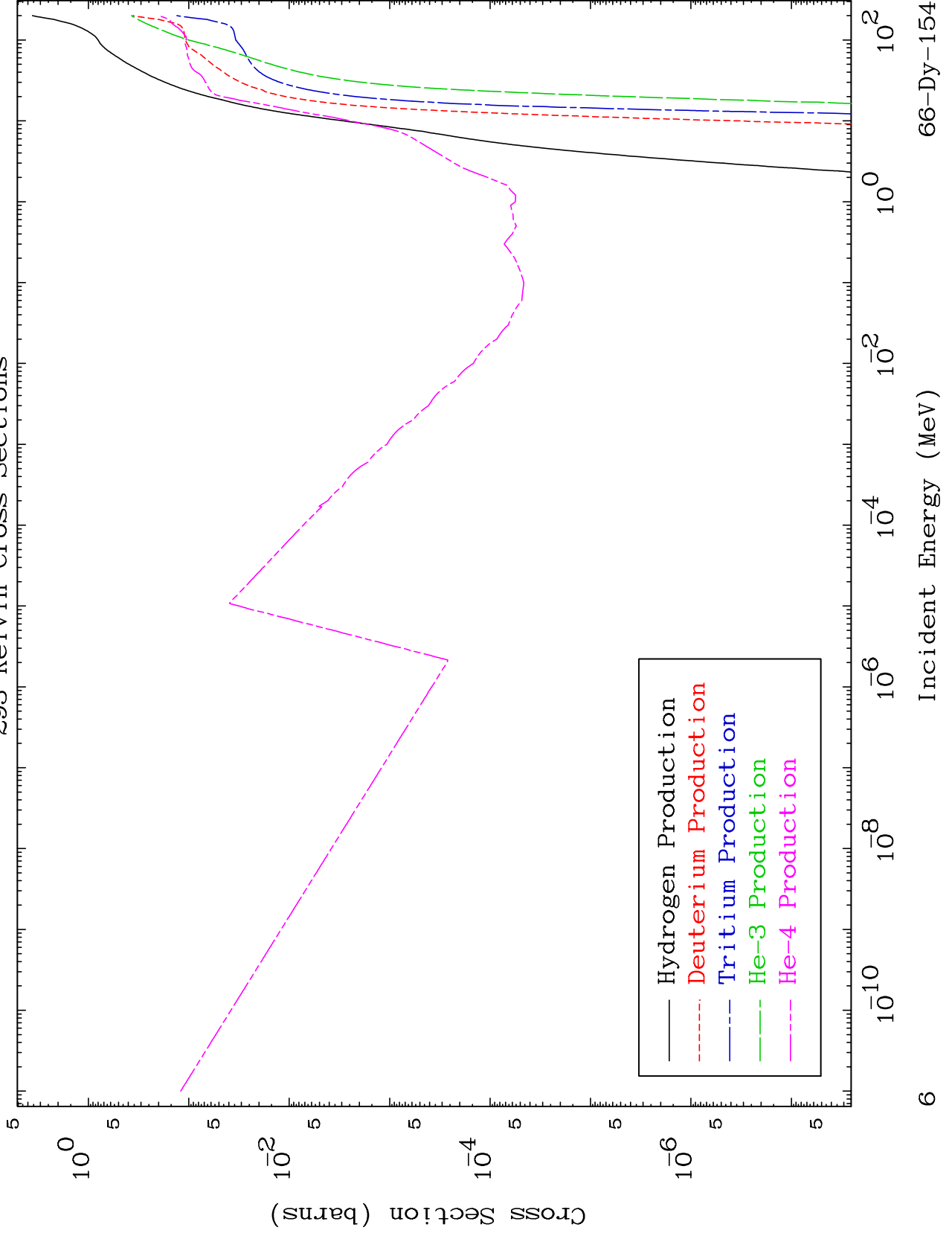
66-Dy-154



MAT 6619

Particle Production  
293 Kelvin Cross Sections

66-Dy-154

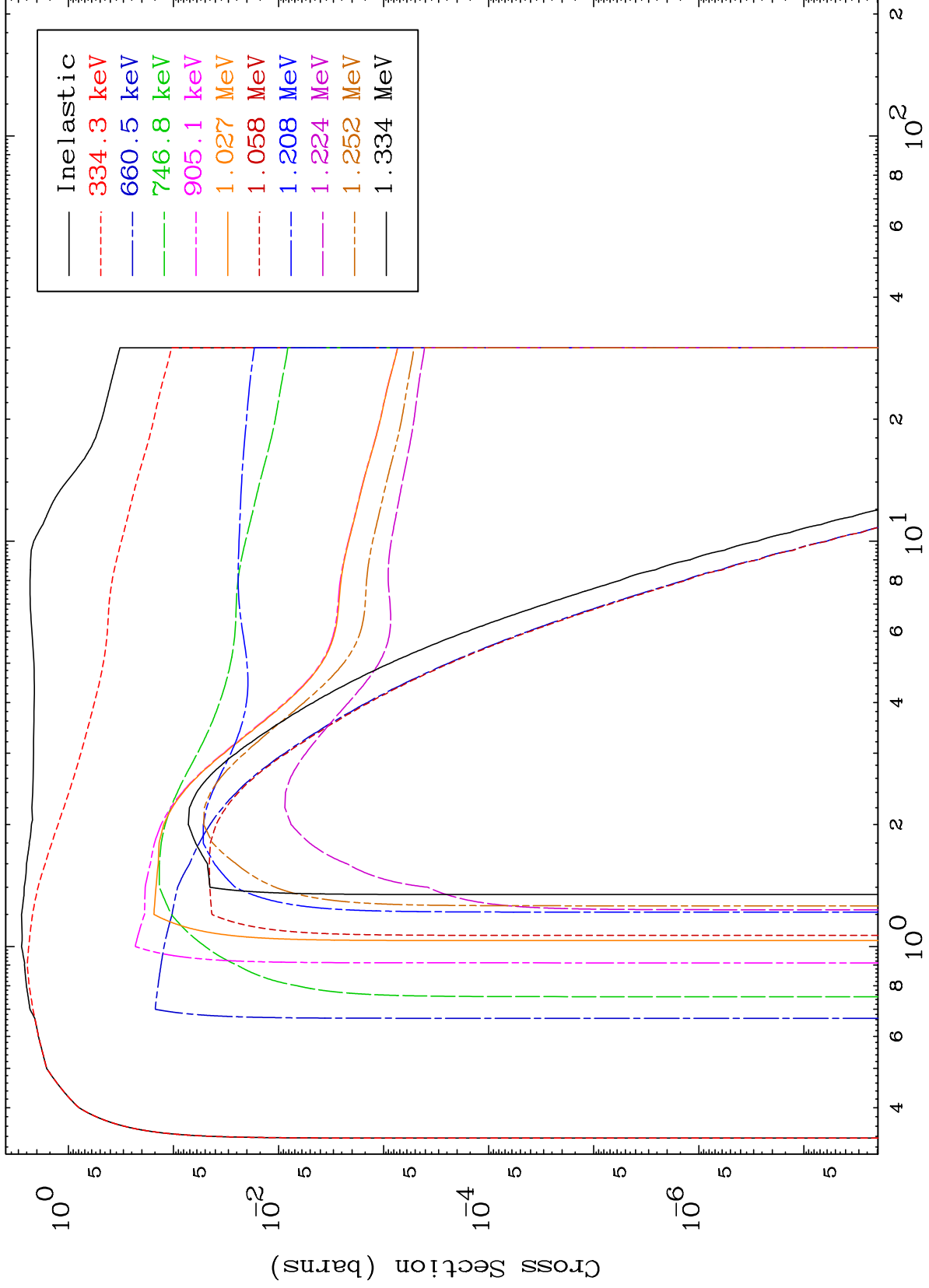


MAT 6619

(n,n') Level

66-Dy-154

293 Kelvin Cross Sections



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Incident Energy (MeV)

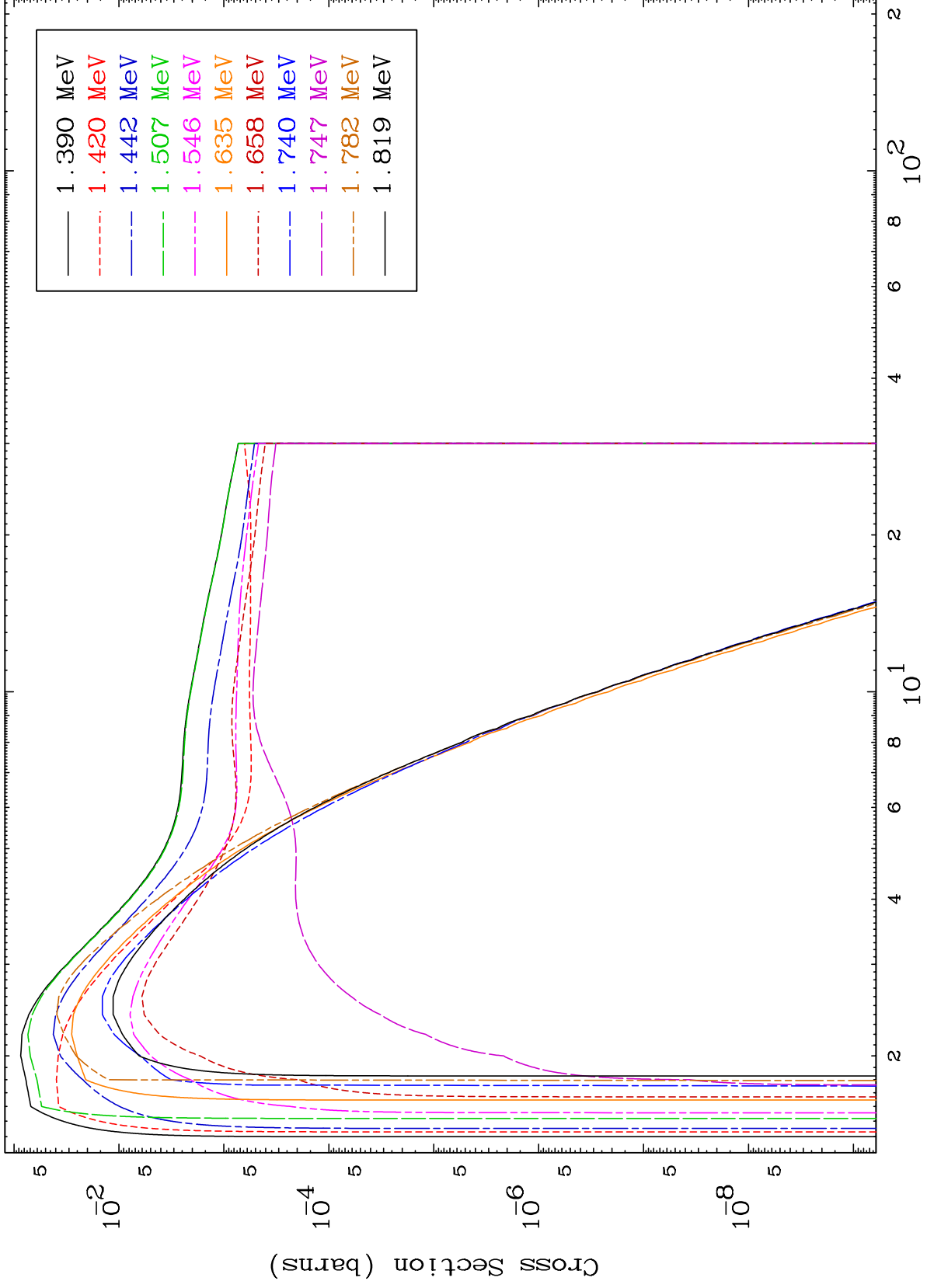
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MAT 6619

(n,n') Level  
293 Kelvin Cross Sections

66-Dy-154

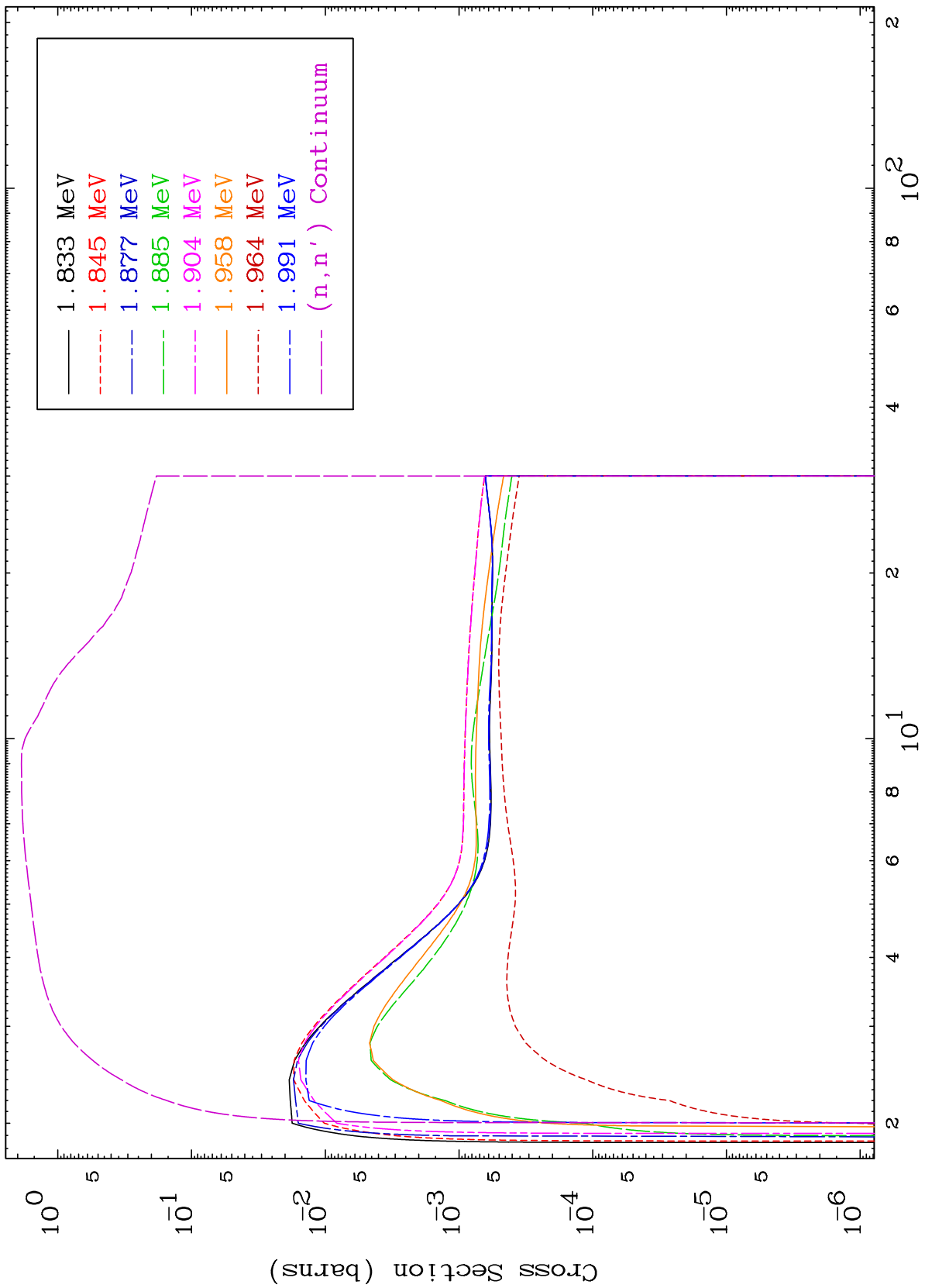


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Incident Energy (MeV)

66-Dy-154

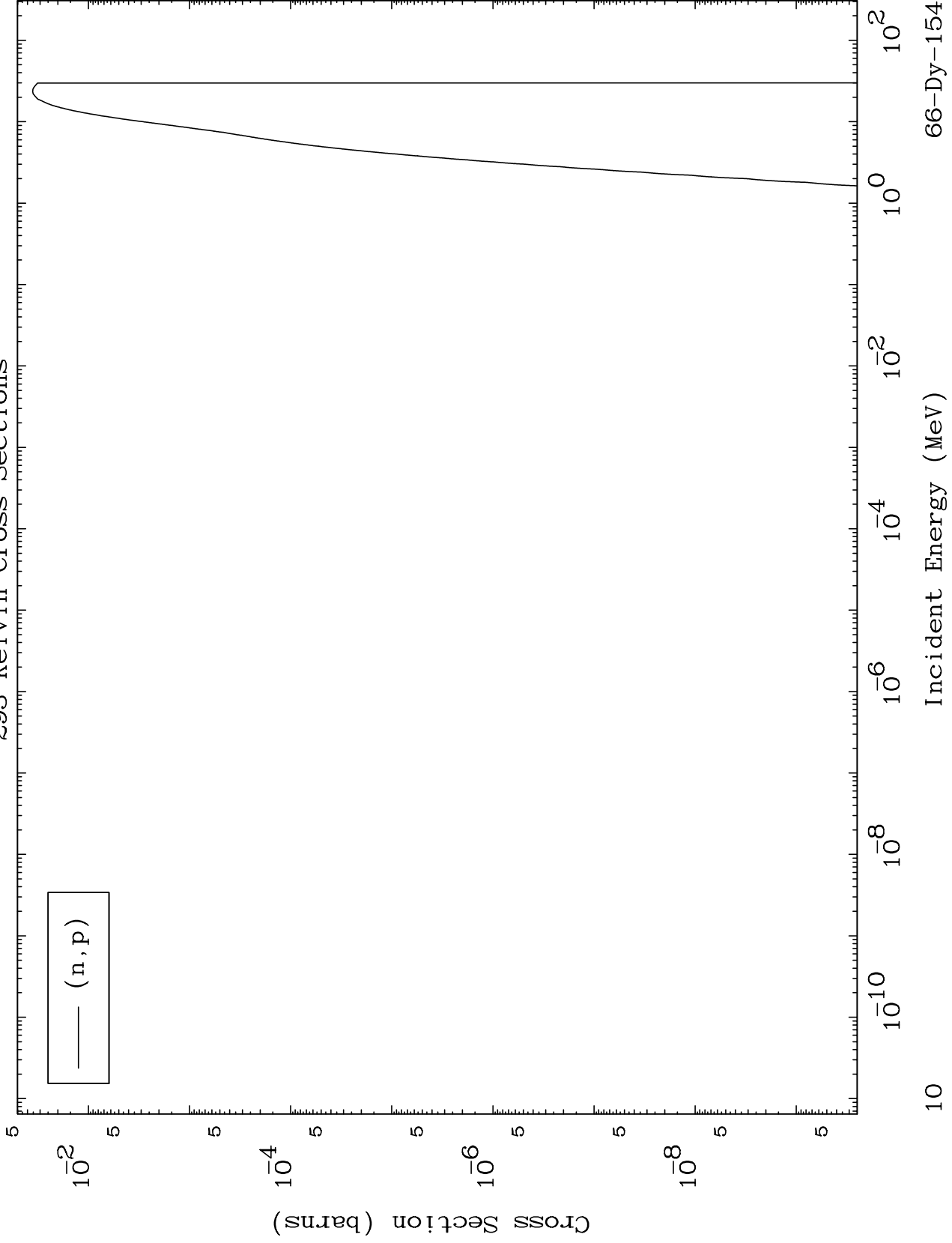
293 Kelvin Cross Sections



MAT 6619

(n,p) Levels  
293 Kelvin Cross Sections

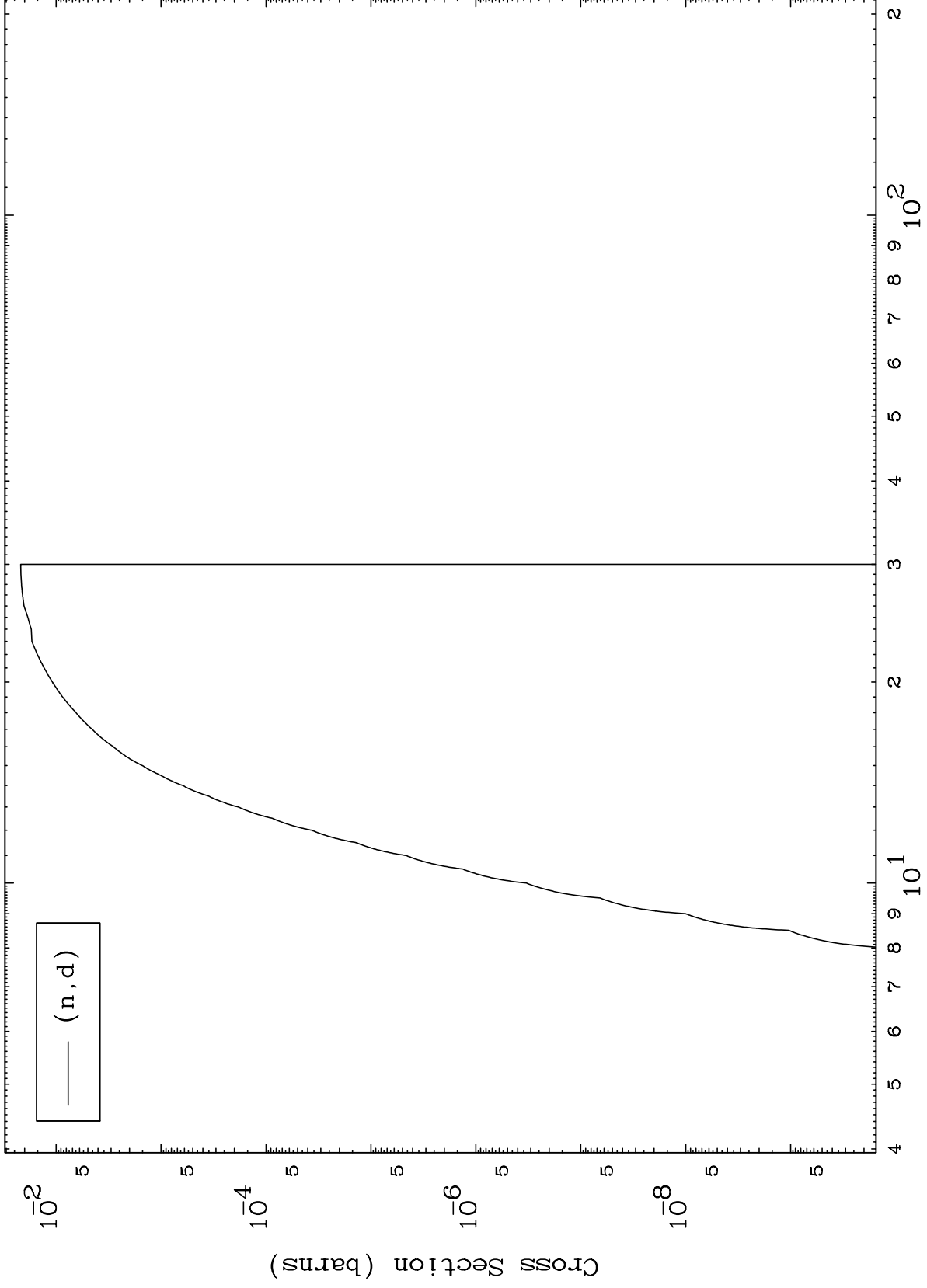
66-Dy-154



MAT 6619

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-154



11

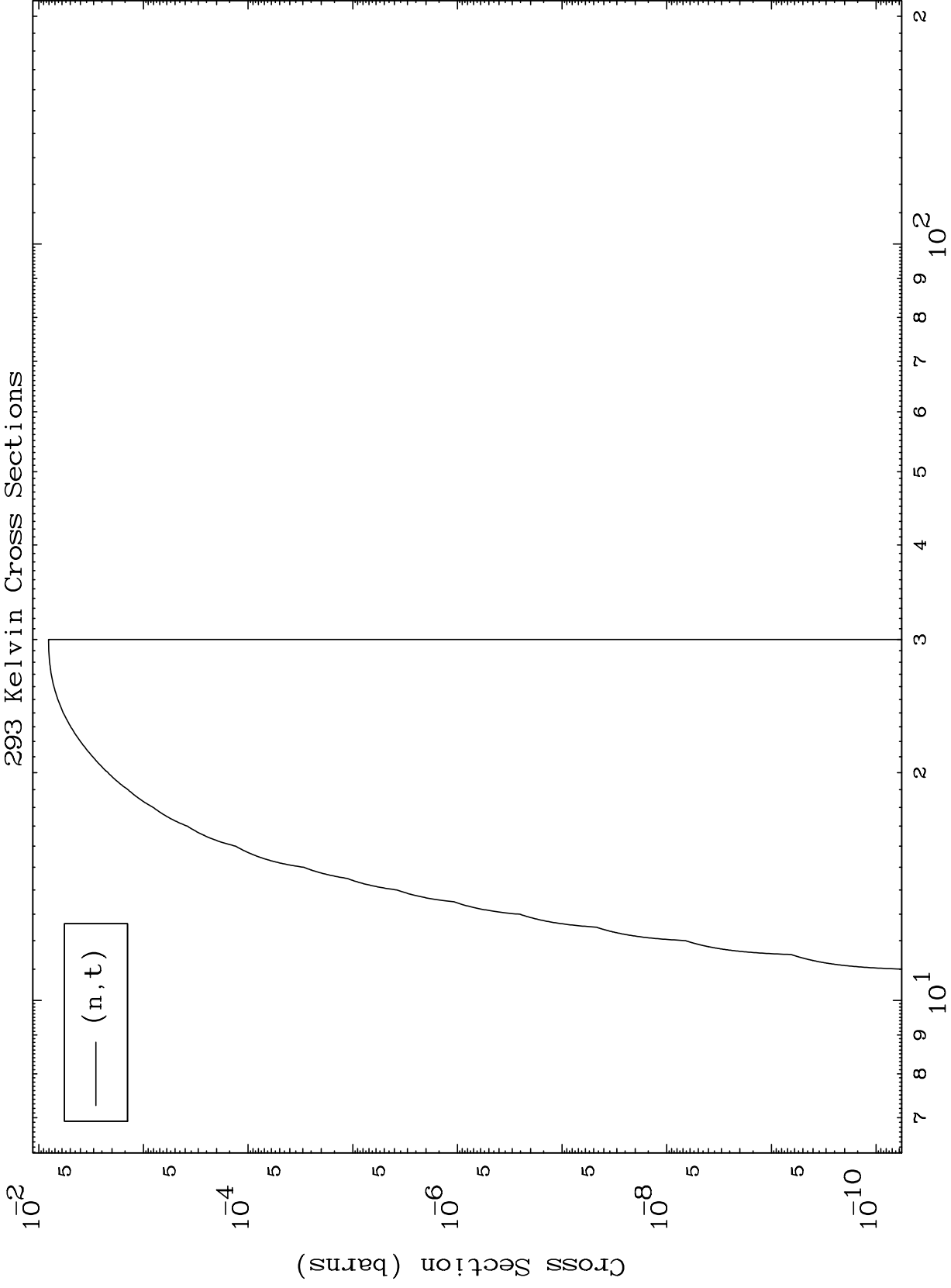
Incident Energy (MeV)

66-Dy-154

MAT 6619

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-154



12

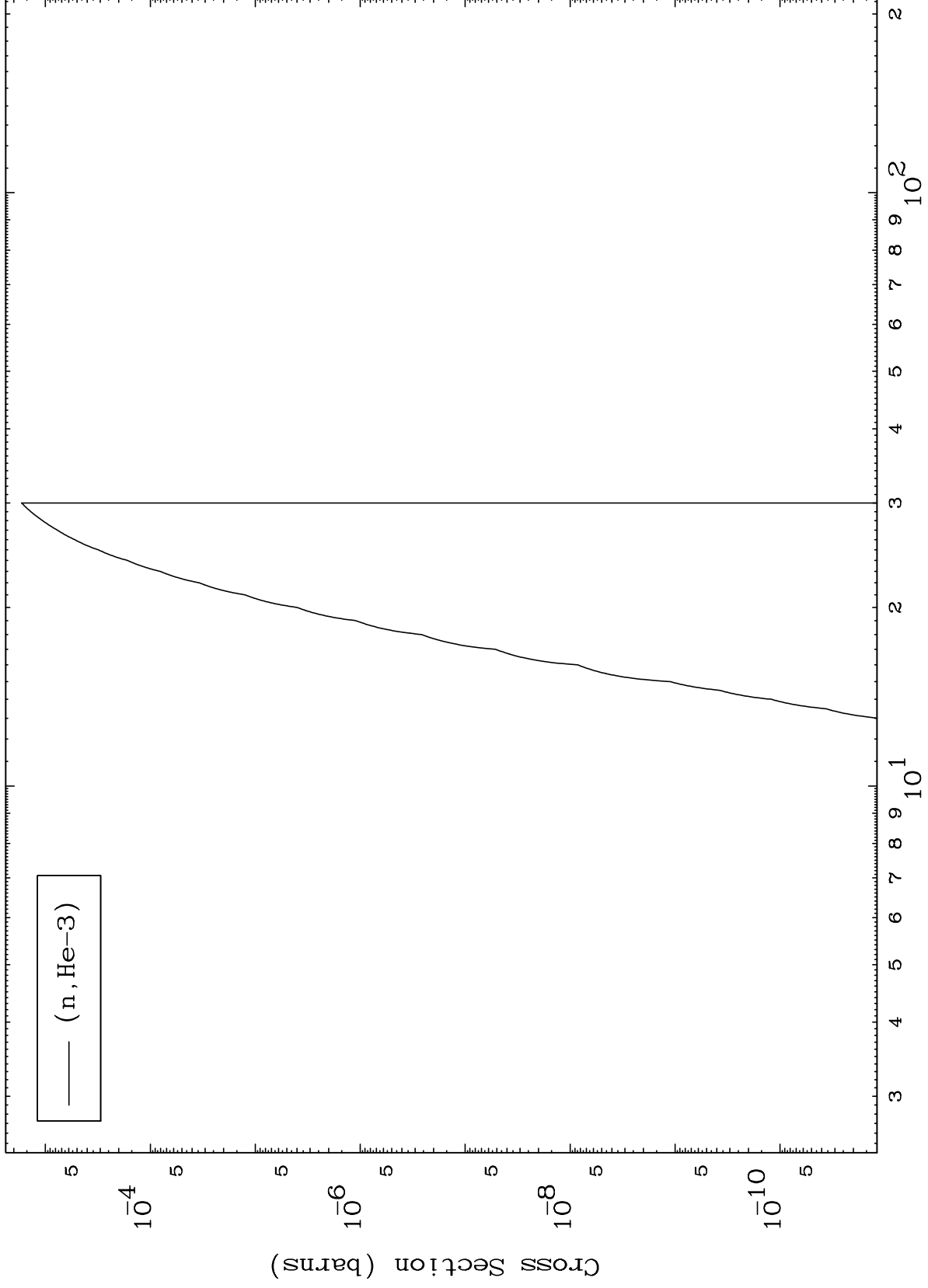
Incident Energy (MeV)

66-Dy-154

MAT 6619

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-154



13

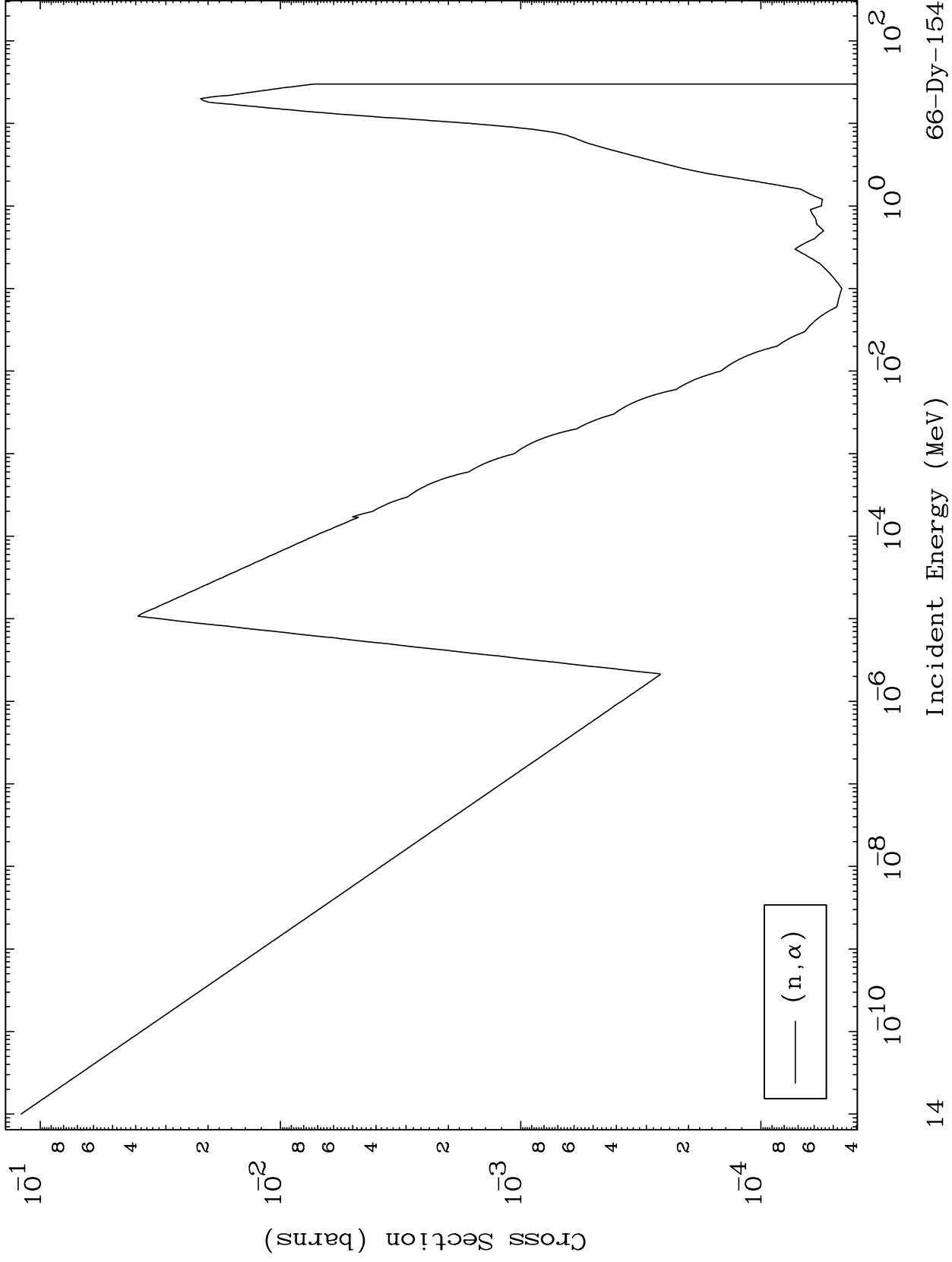
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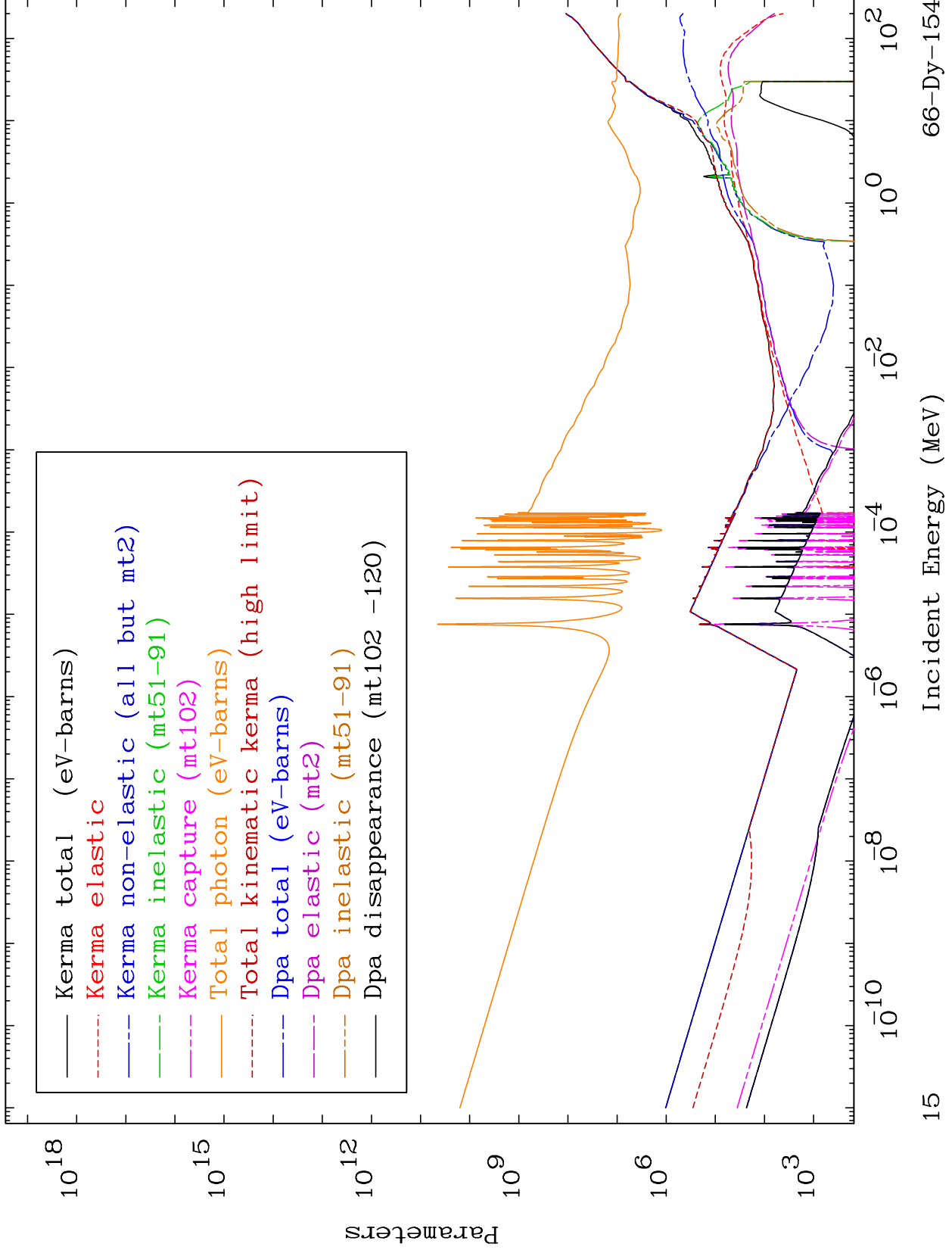
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MAT 6619

(n,α) Levels  
293 Kelvin Cross Sections

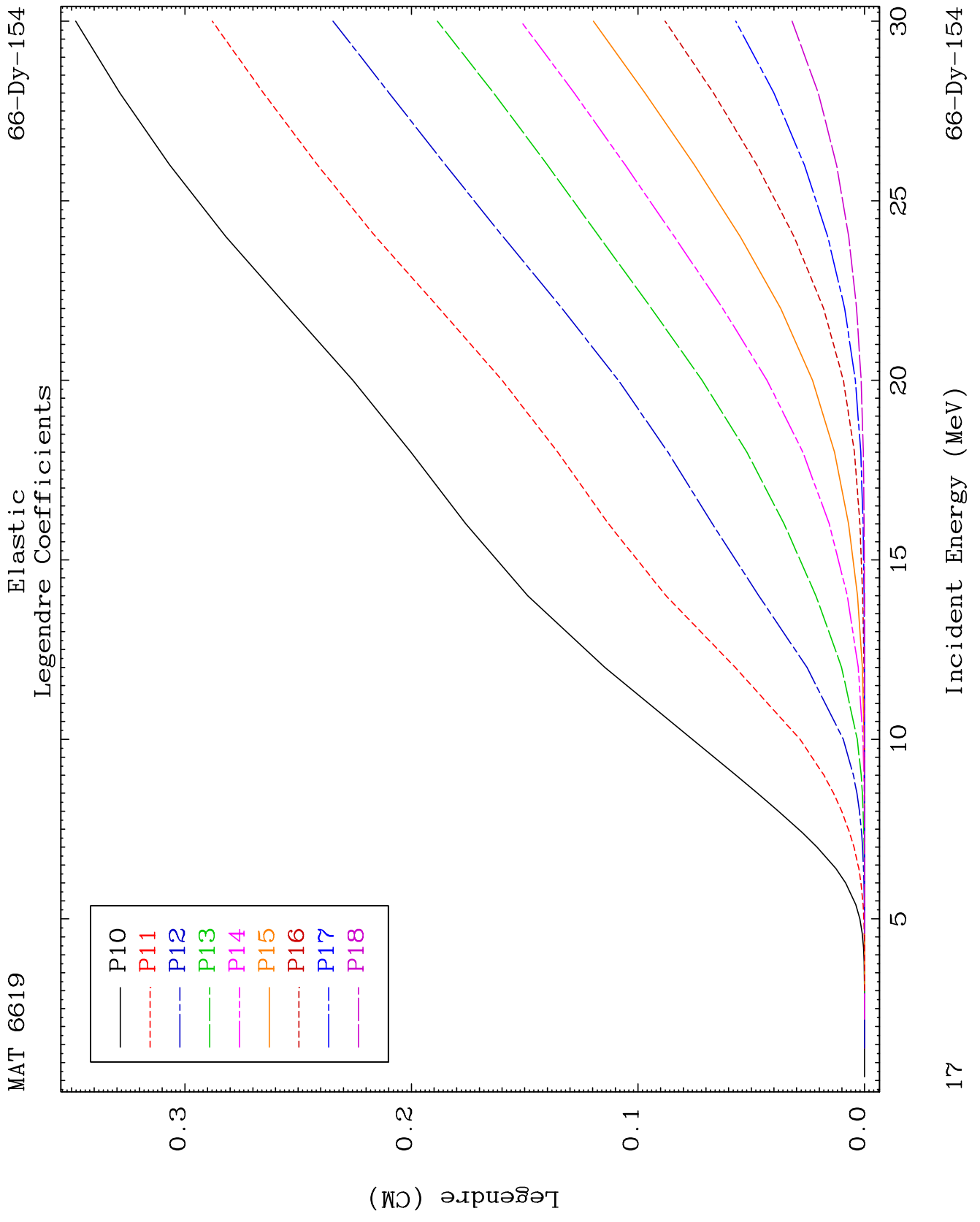
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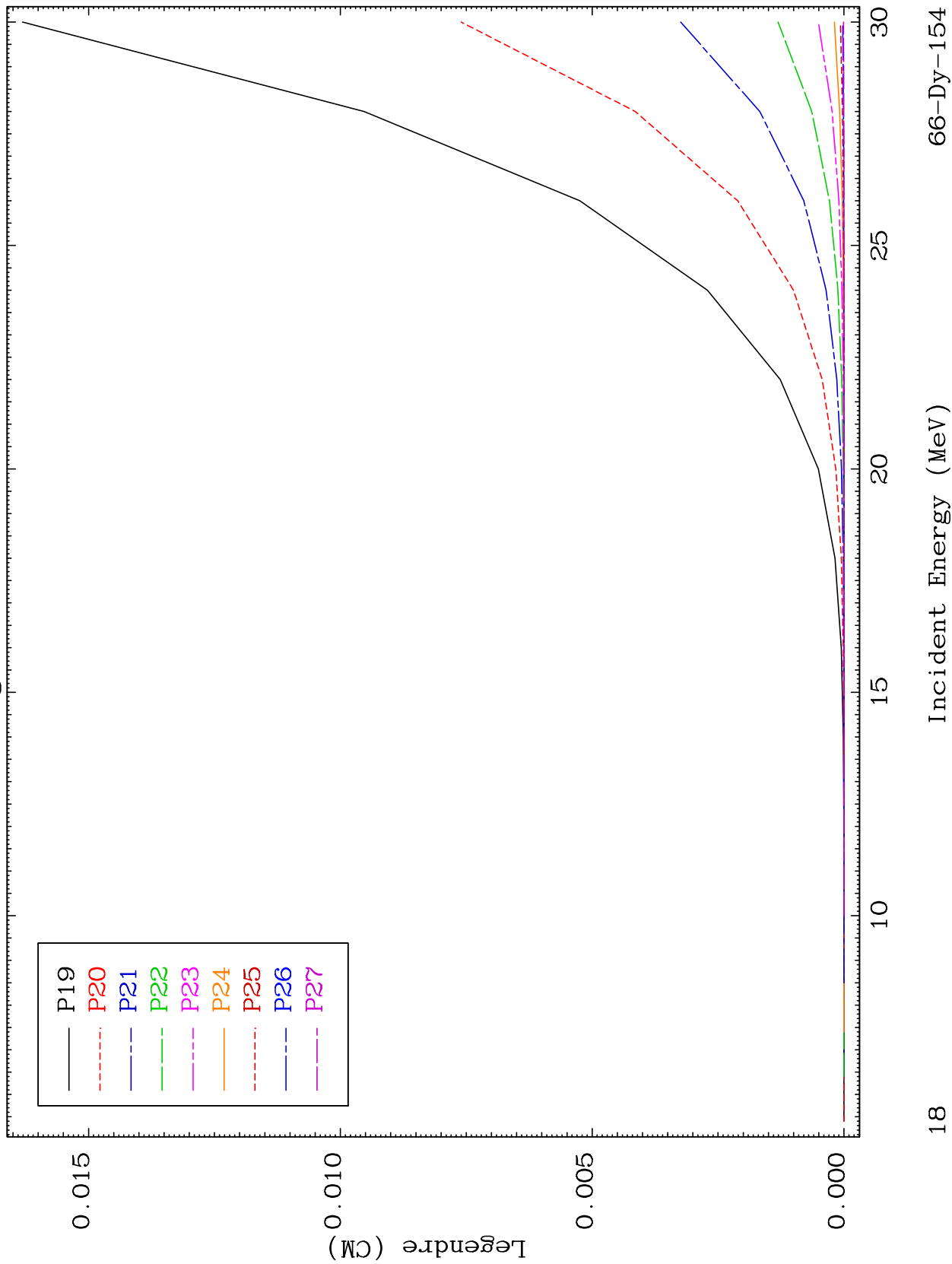




MAT 6619

### Elastic Legendre Coefficients

66-Dy-154



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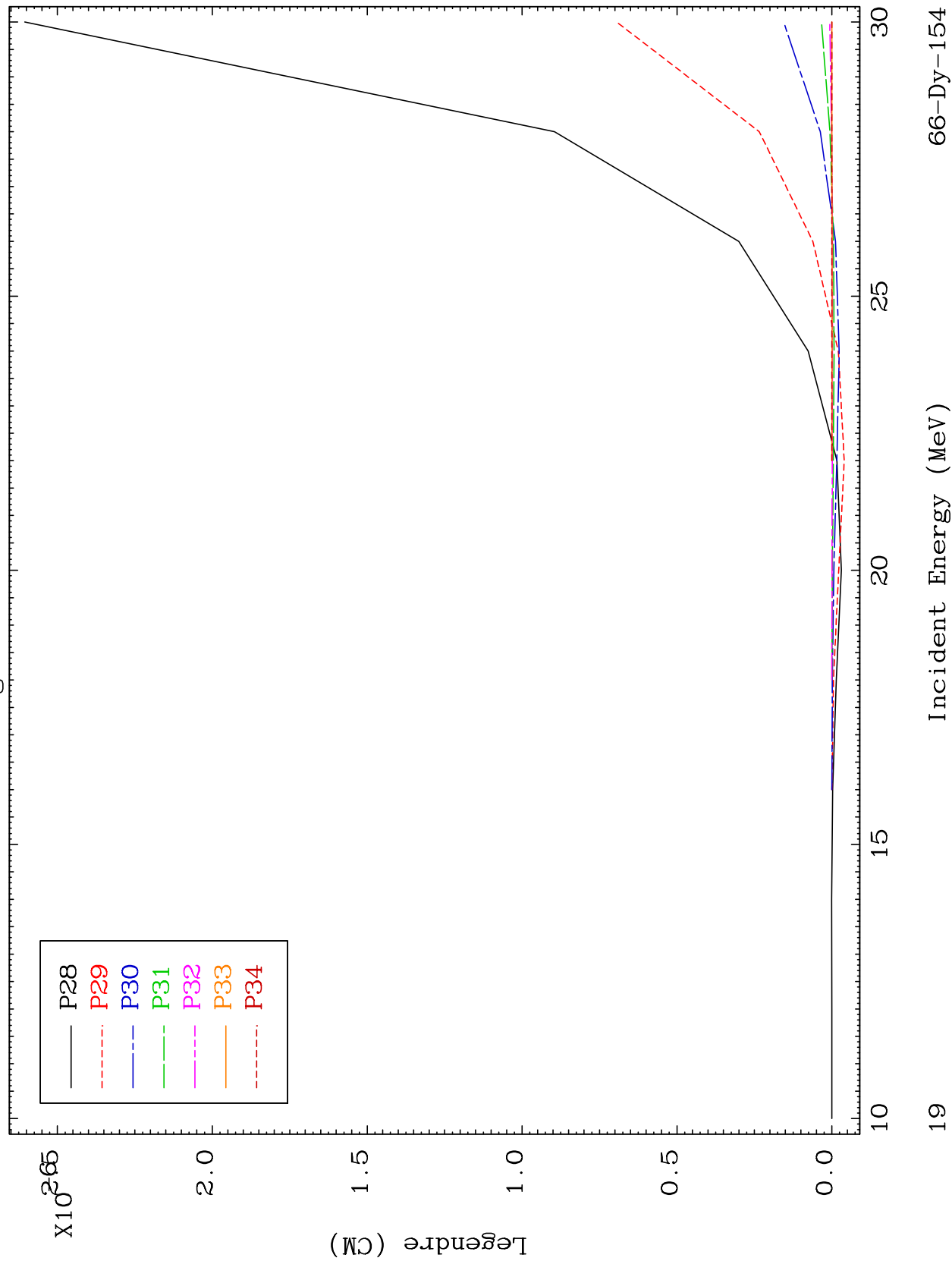
Incident Energy (MeV)

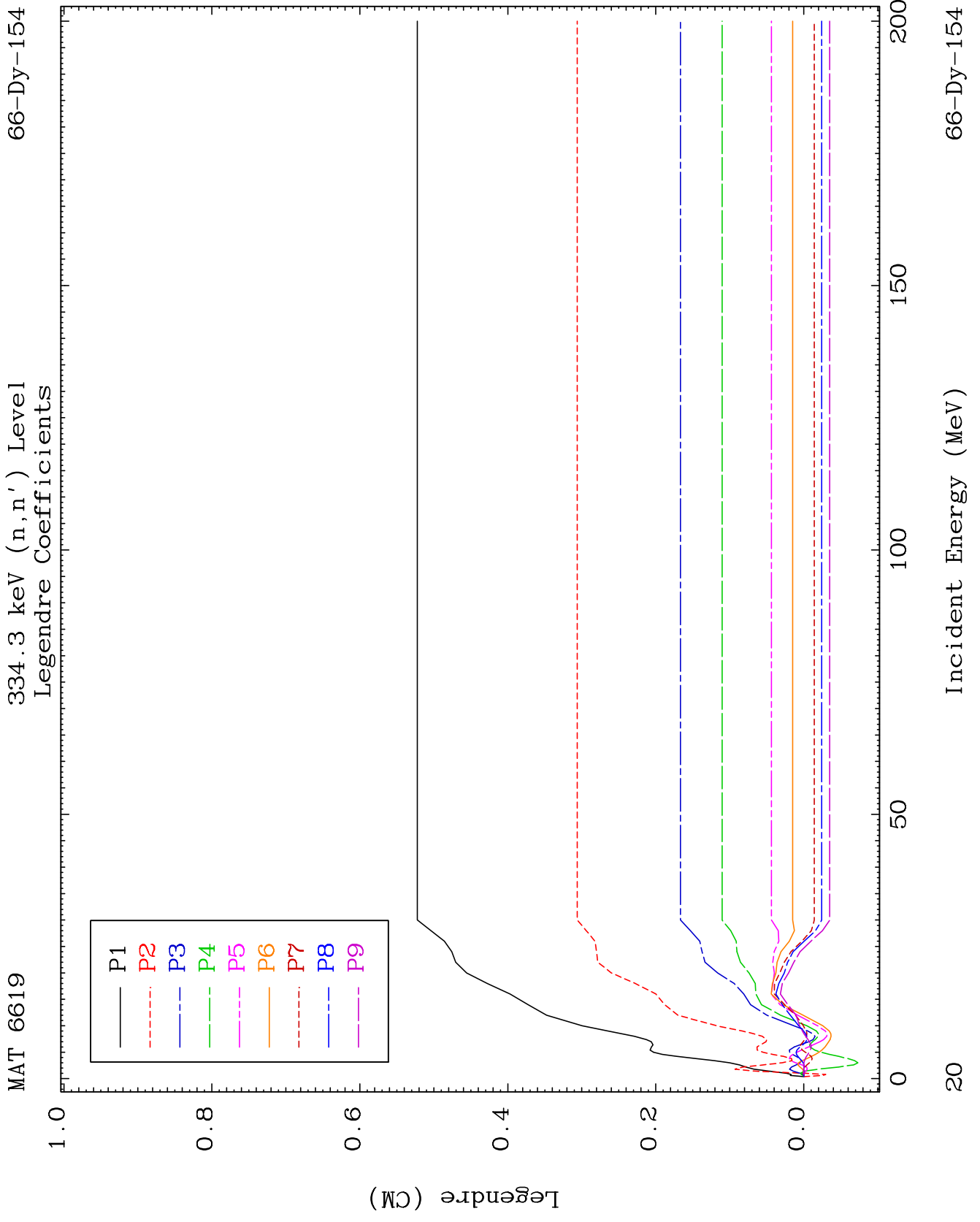
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MAT 6619

Elastic Legendre Coefficients

66-Dy-154

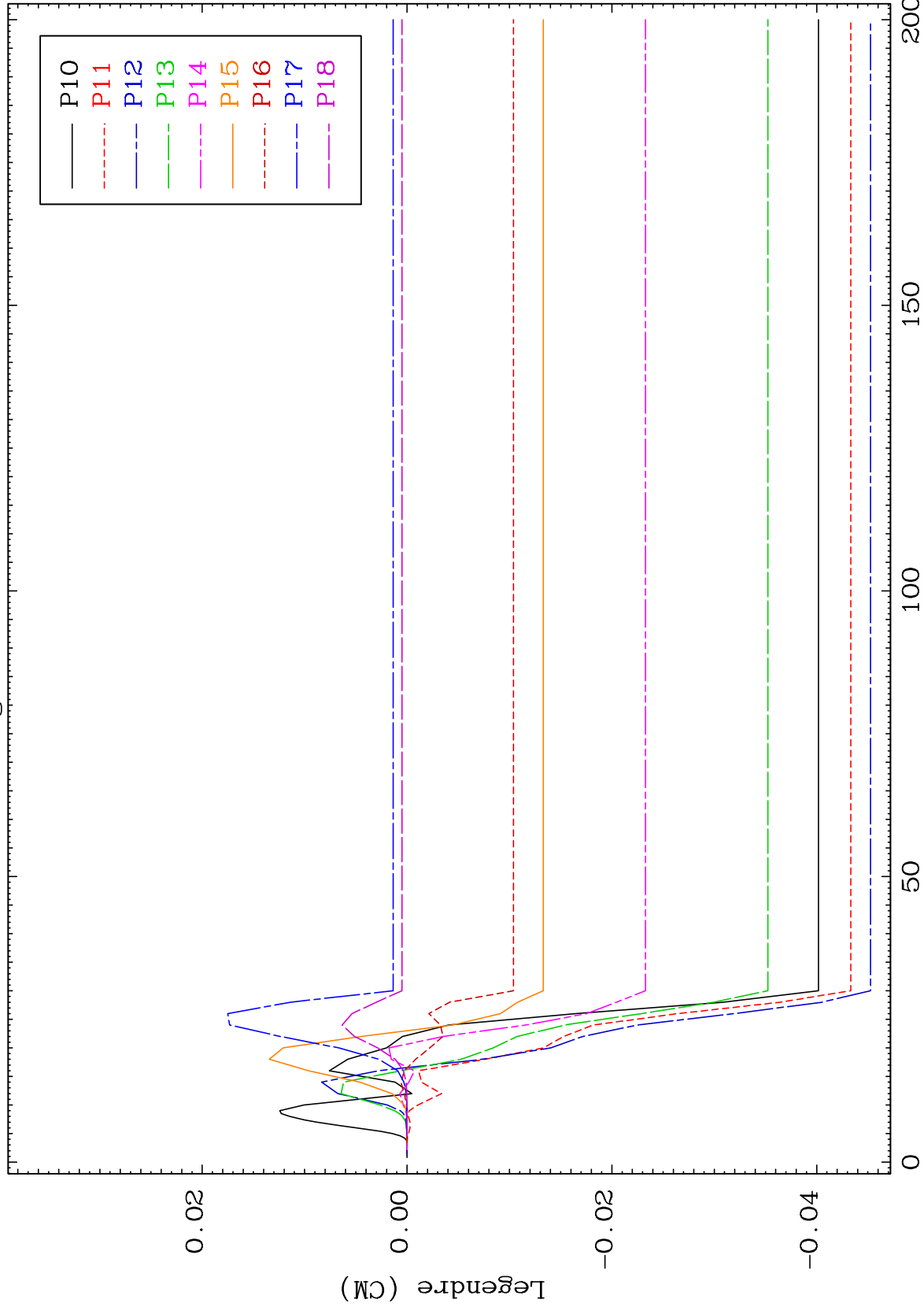




MAT 6619

334.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-154



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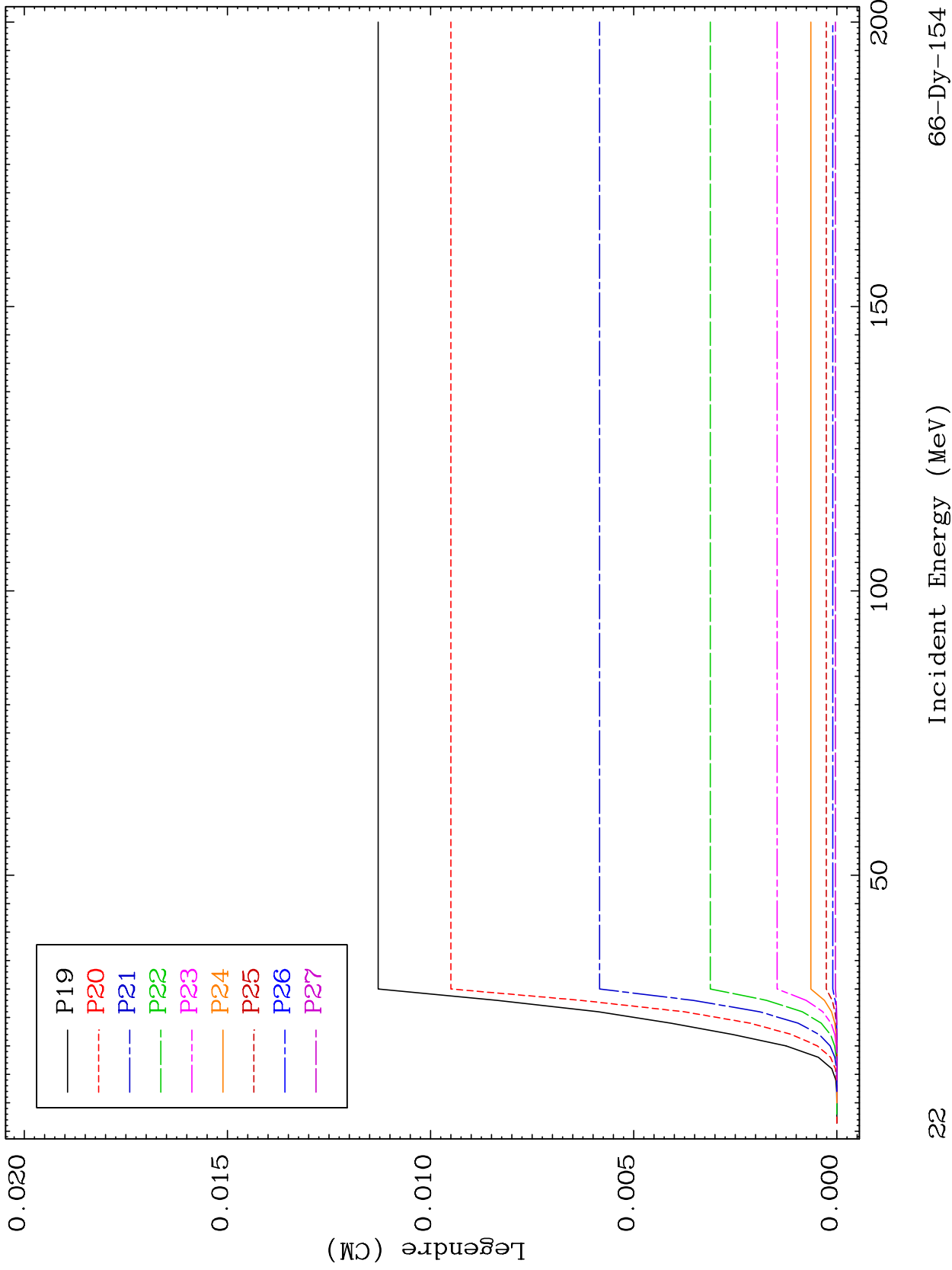
Incident Energy (MeV)

66-Dy-154

MAT 6619

334.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-154



22

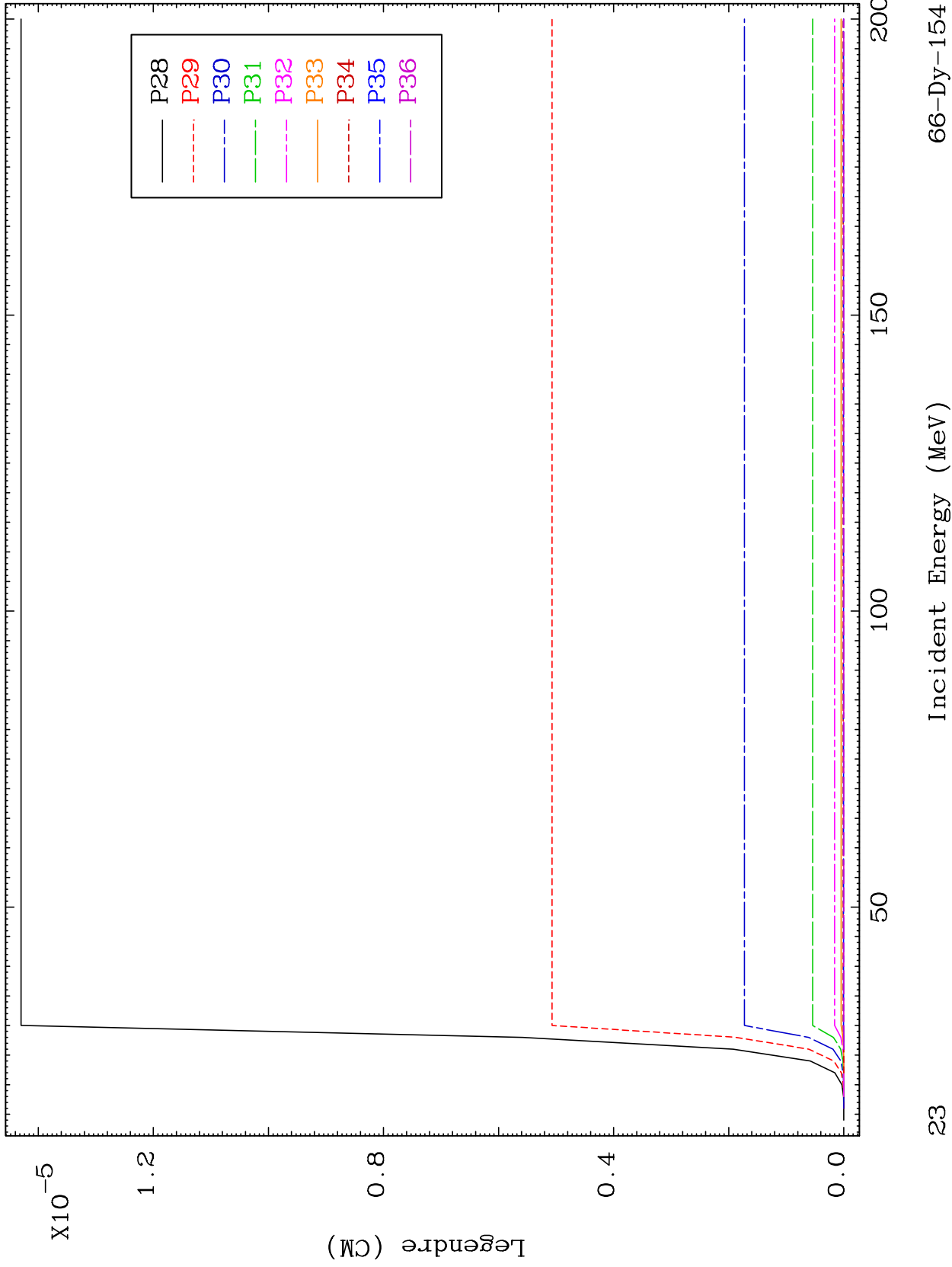
Incident Energy (MeV)

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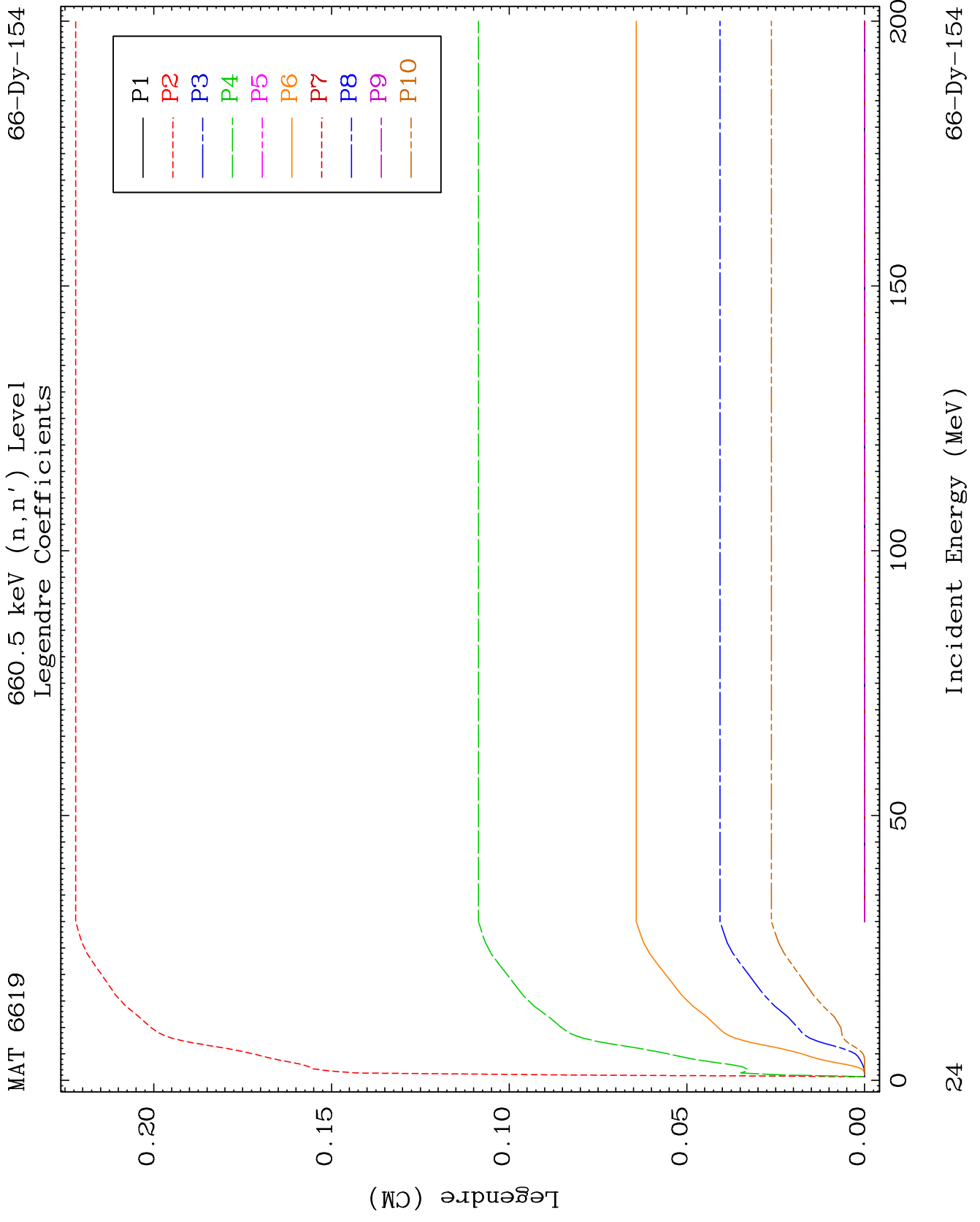
MAT 6619

334.3 keV (n,n') Level  
Legendre Coefficients

66-Dy-154



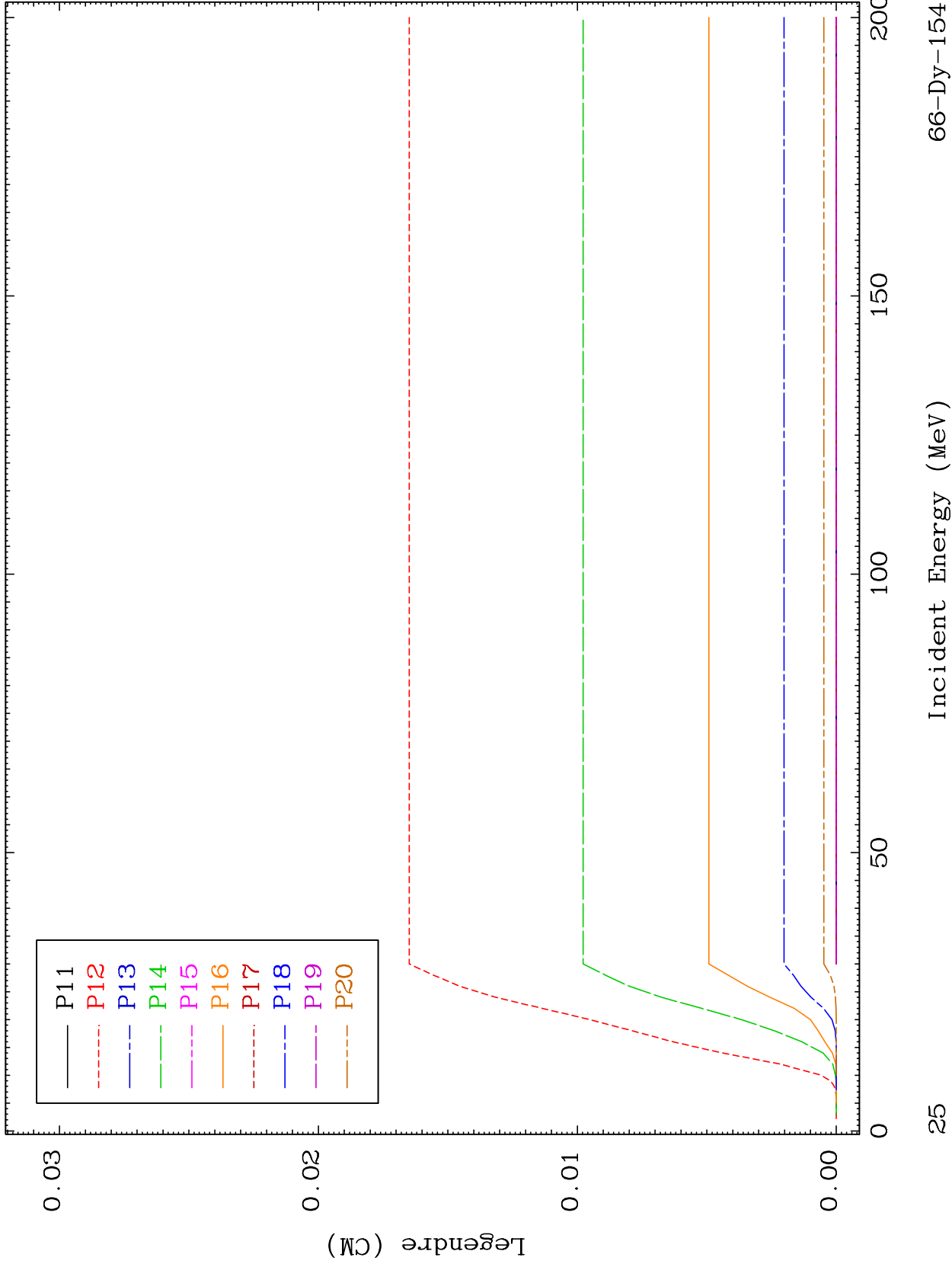


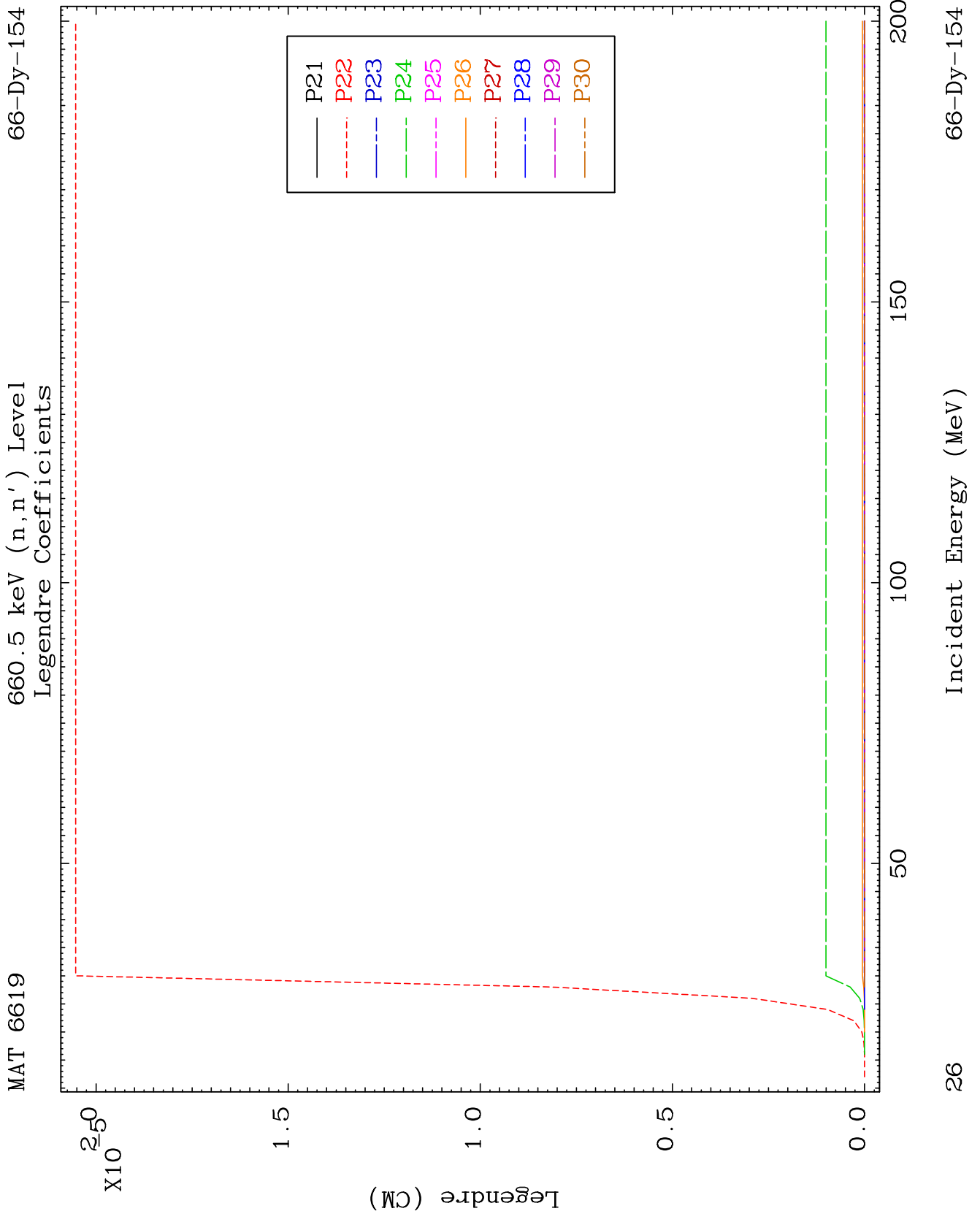


MAT 6619

660.5 keV (n,n') Level  
Legendre Coefficients

66-Dy-154

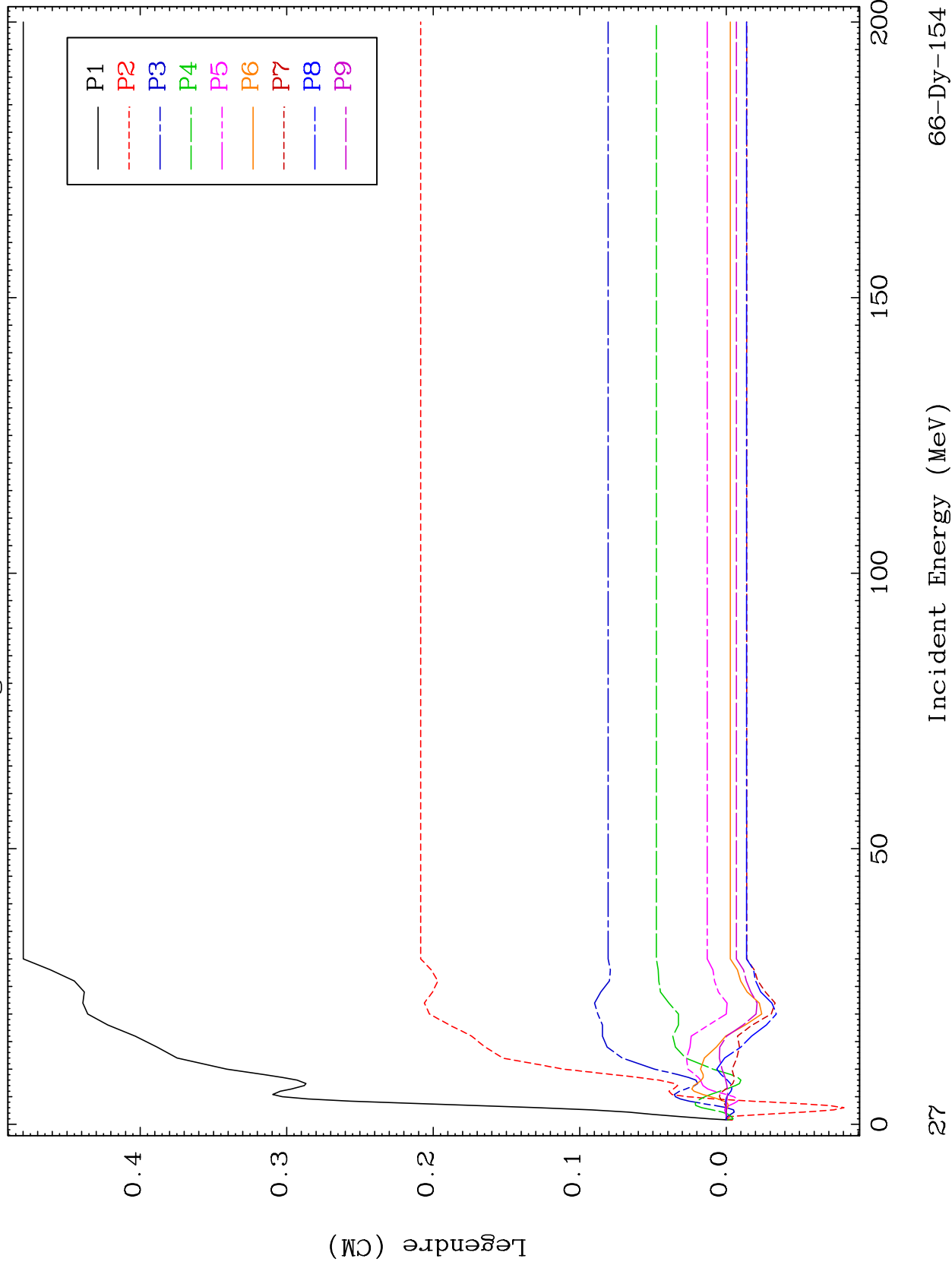




MAT 6619

746.8 keV (n,n') Level  
Legendre Coefficients

66-Dy-154



66-Dy-154

Incident Energy (MeV)

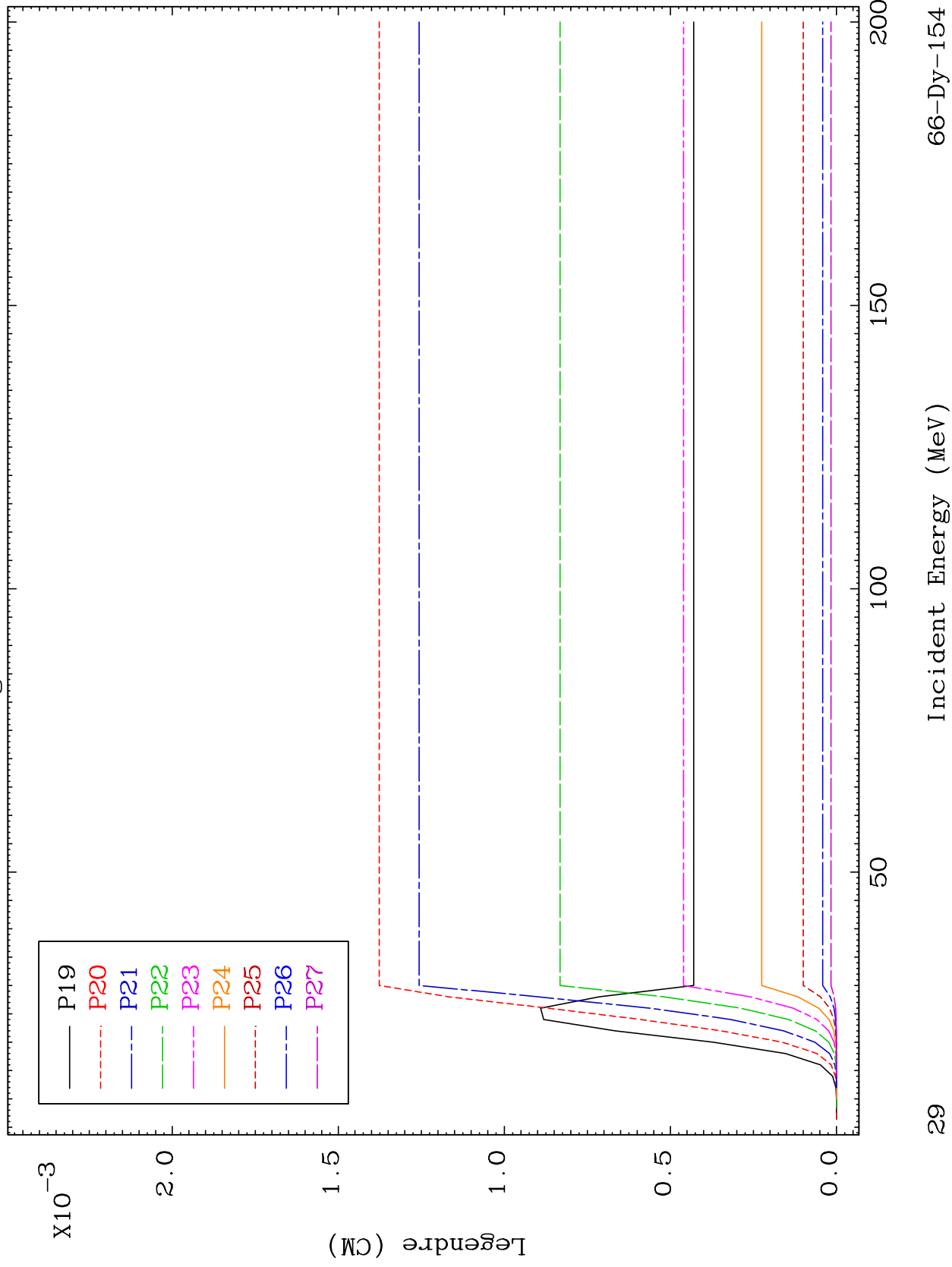
27



MAT 6619

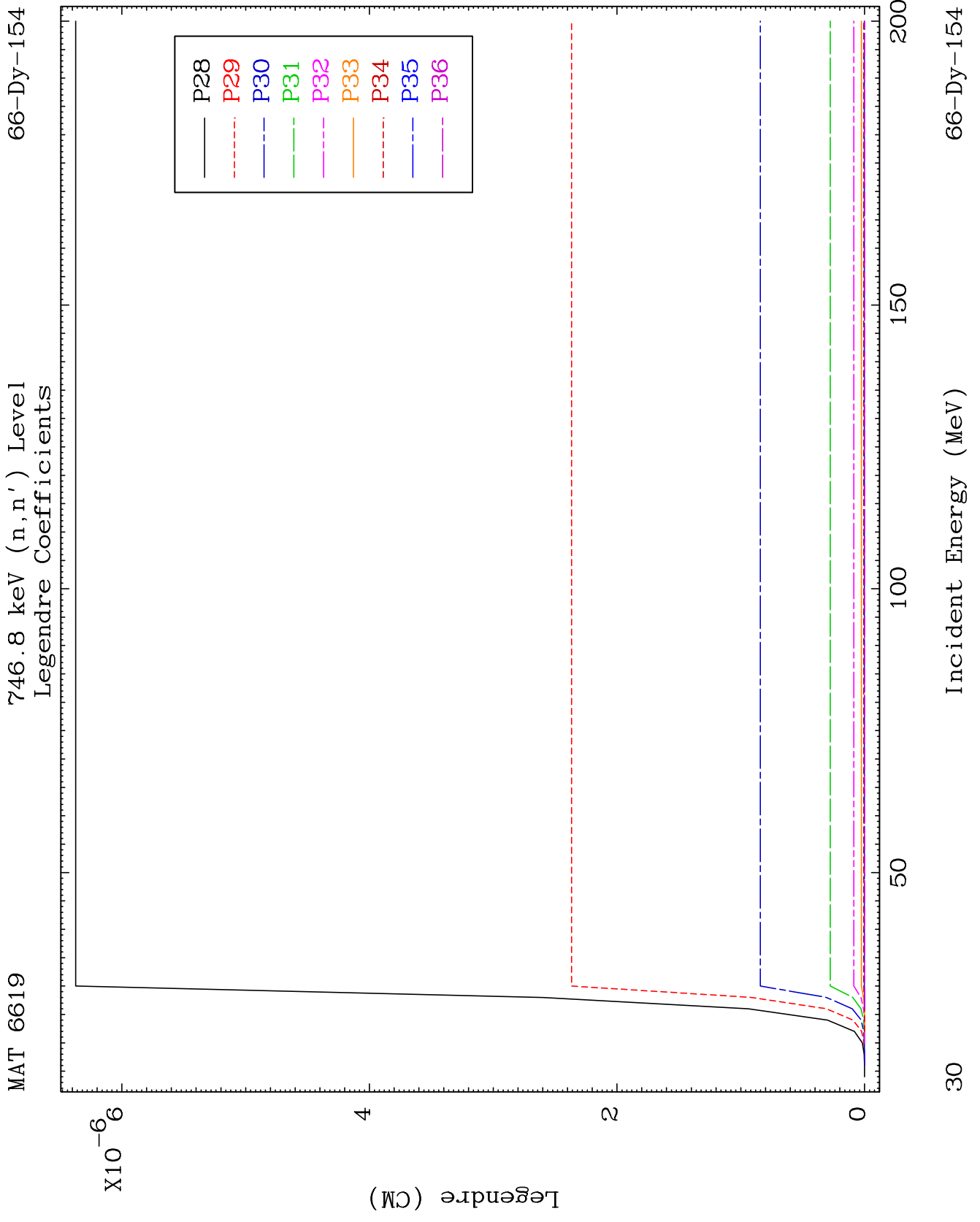
746.8 keV (n,n') Level  
Legendre Coefficients

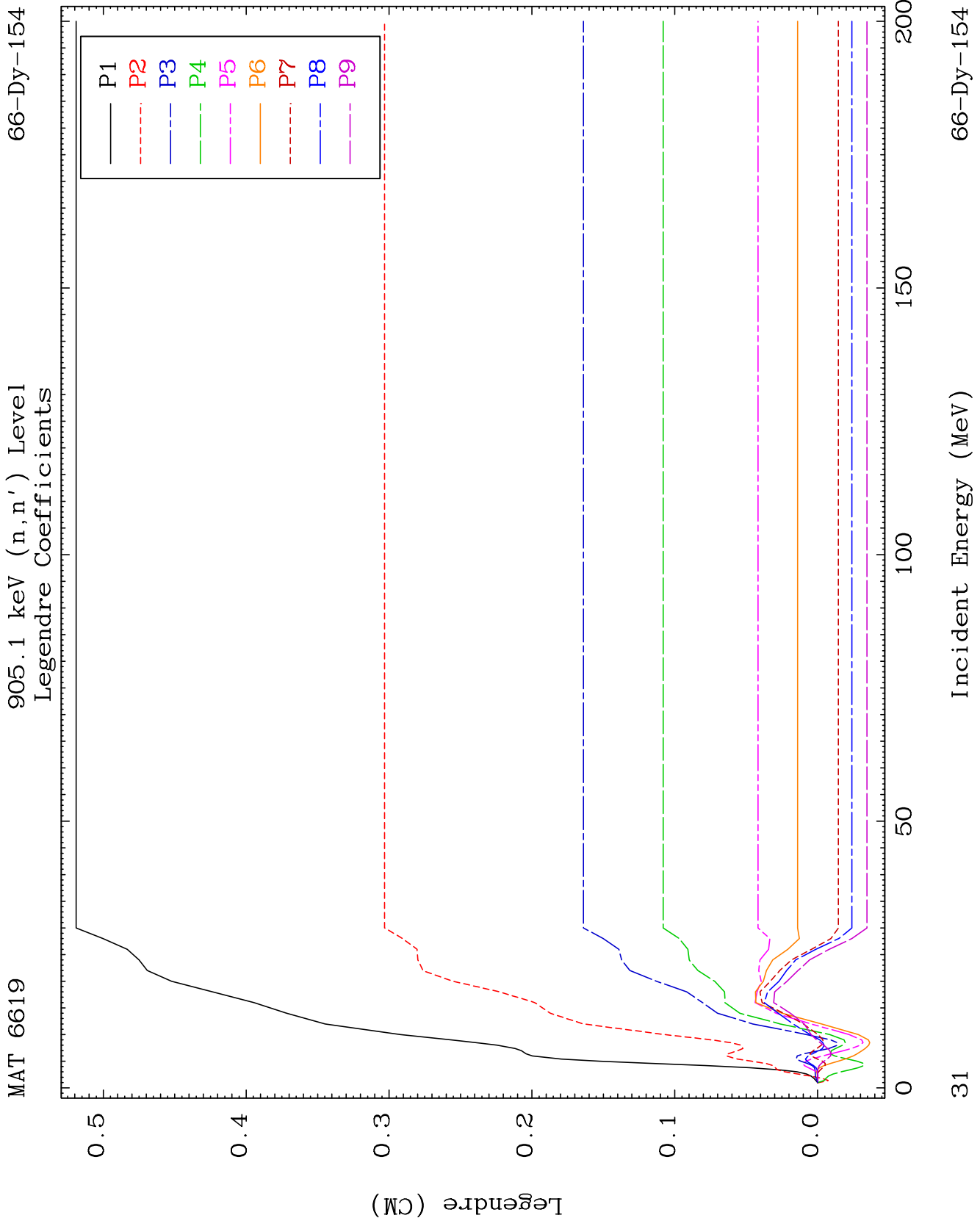
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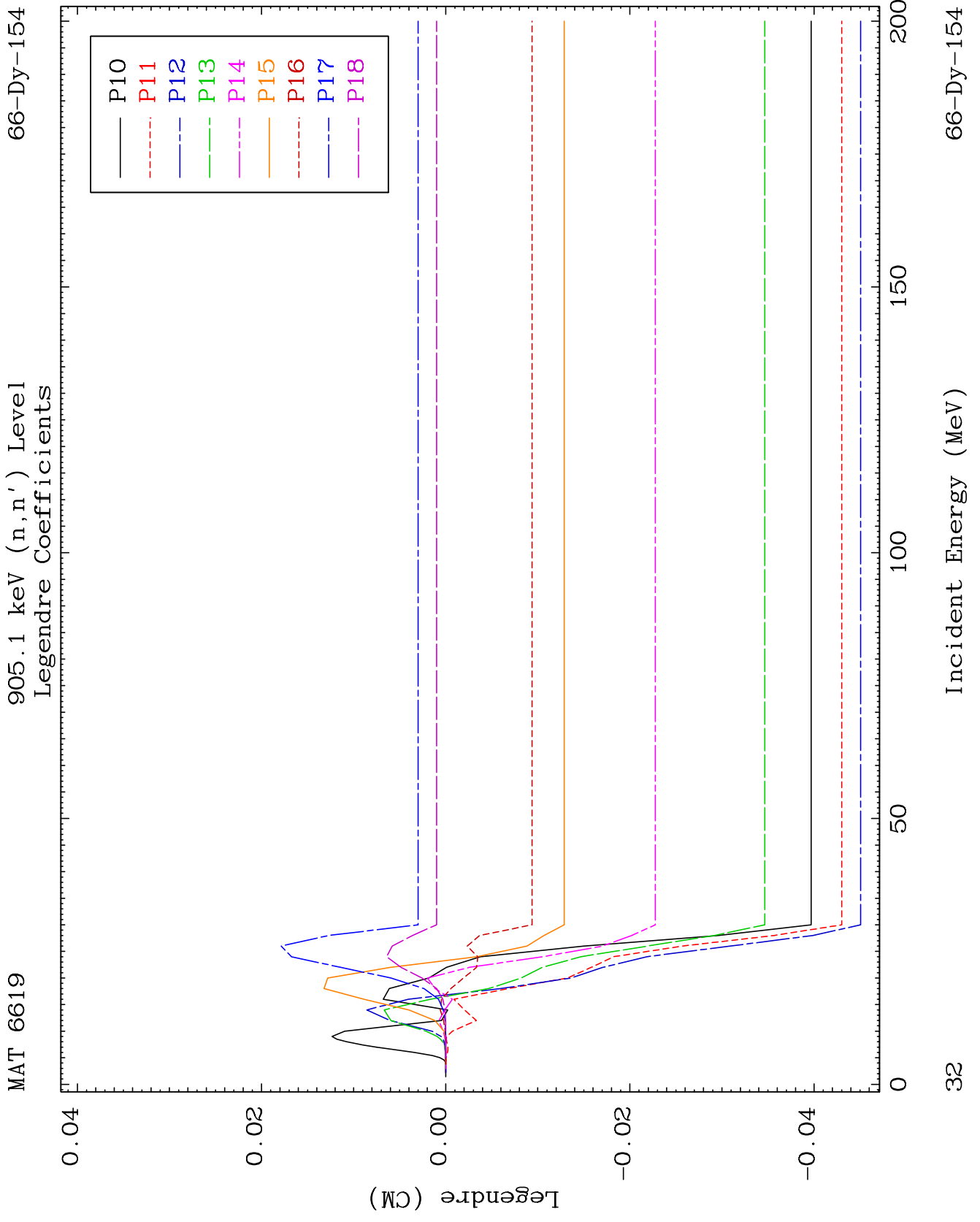
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66-Dy-154





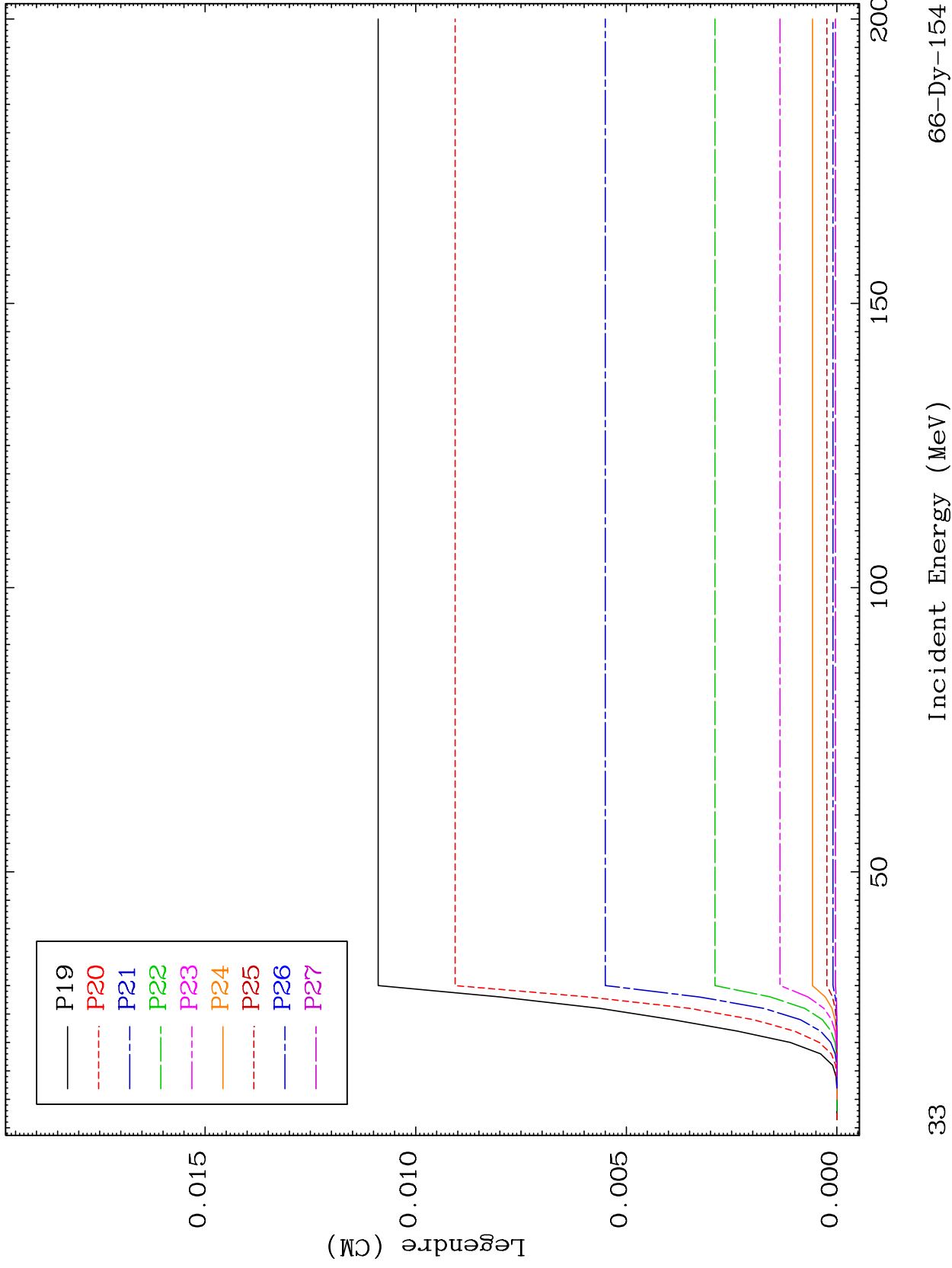




MAT 6619

905.1 keV (n,n') Level  
Legendre Coefficients

66-Dy-154



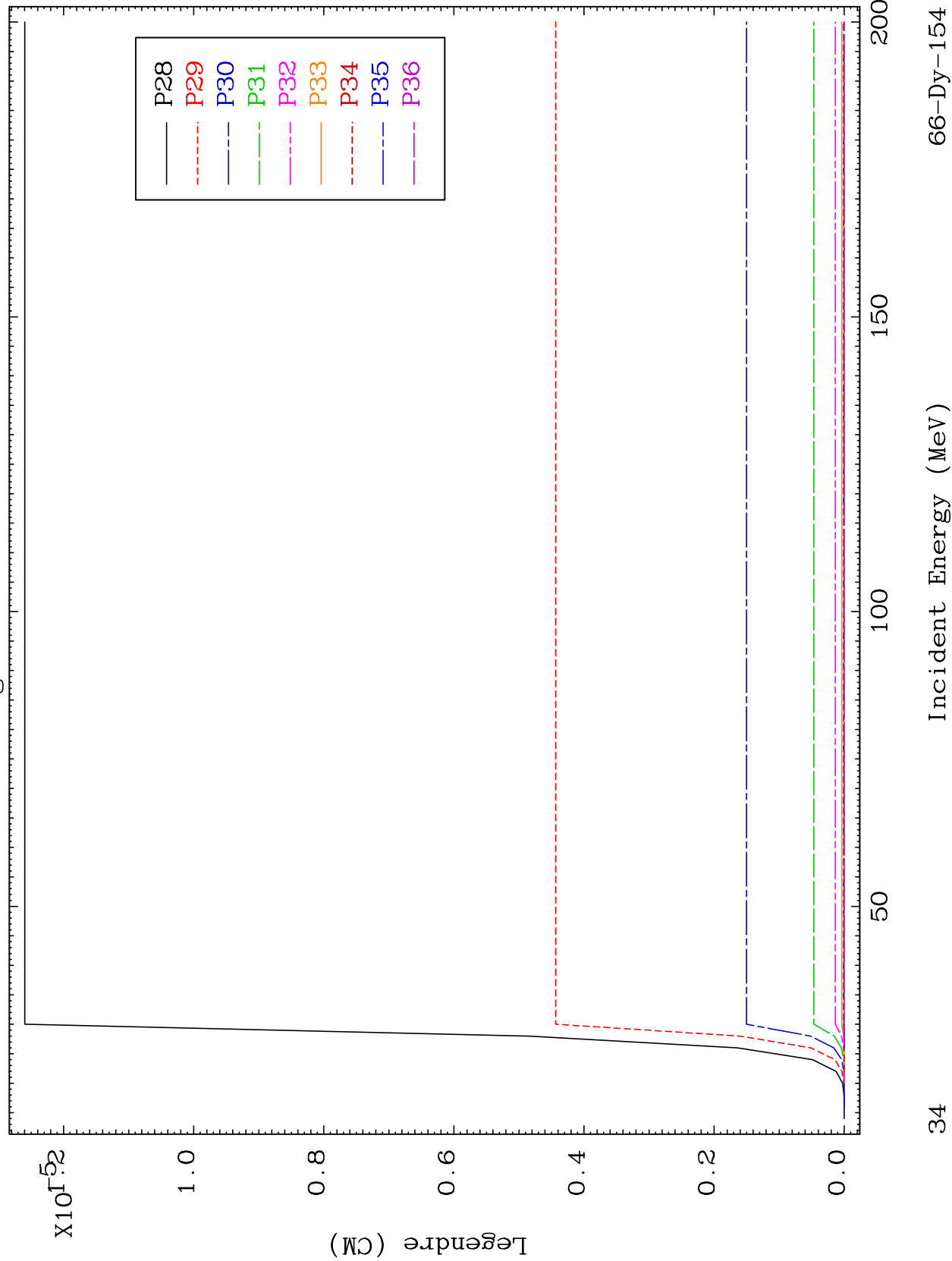
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66-Dy-154

MAT 6619

905.1 keV (n,n') Level  
Legendre Coefficients

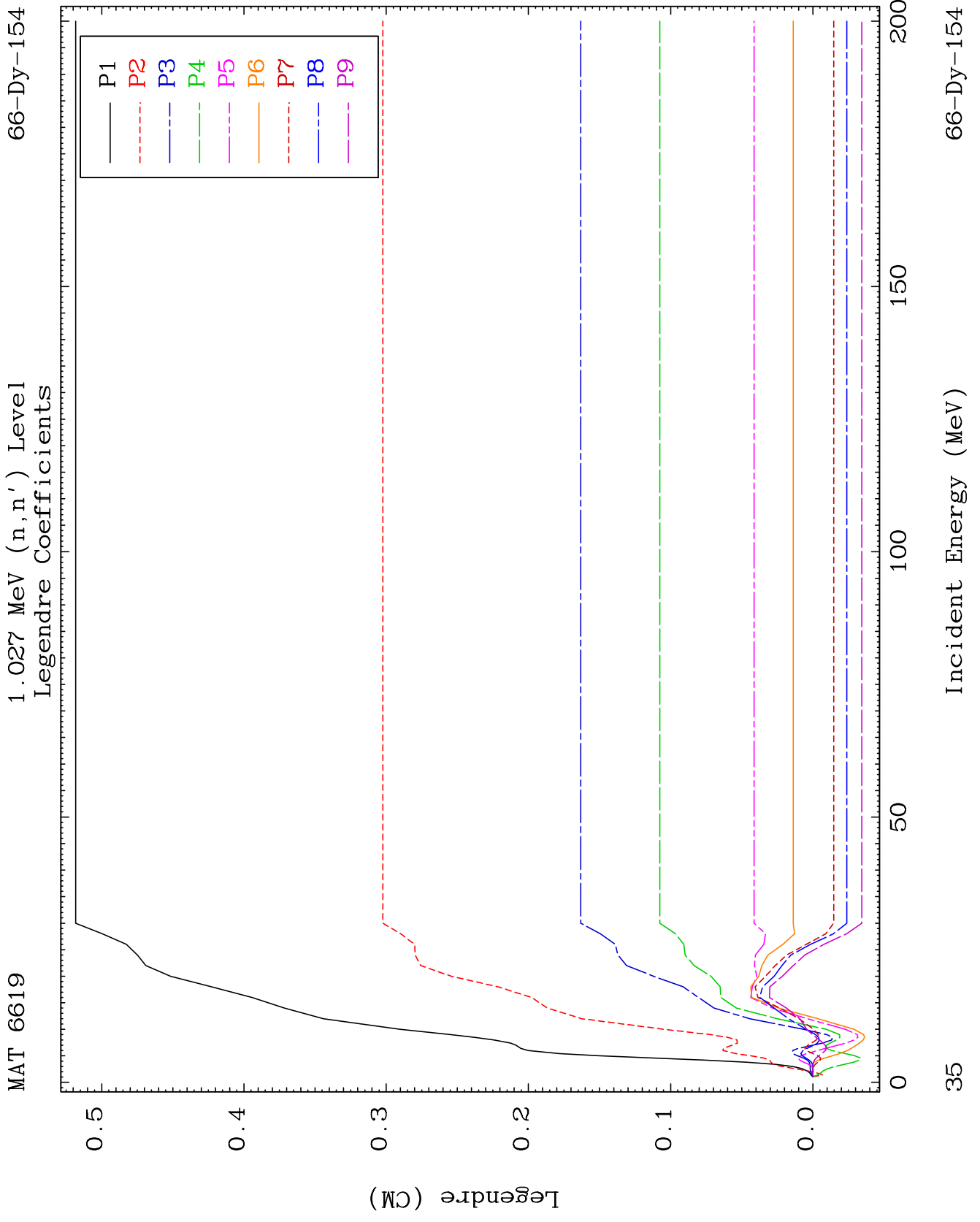
66-Dy-154



66-Dy-154

Incident Energy (MeV)

34

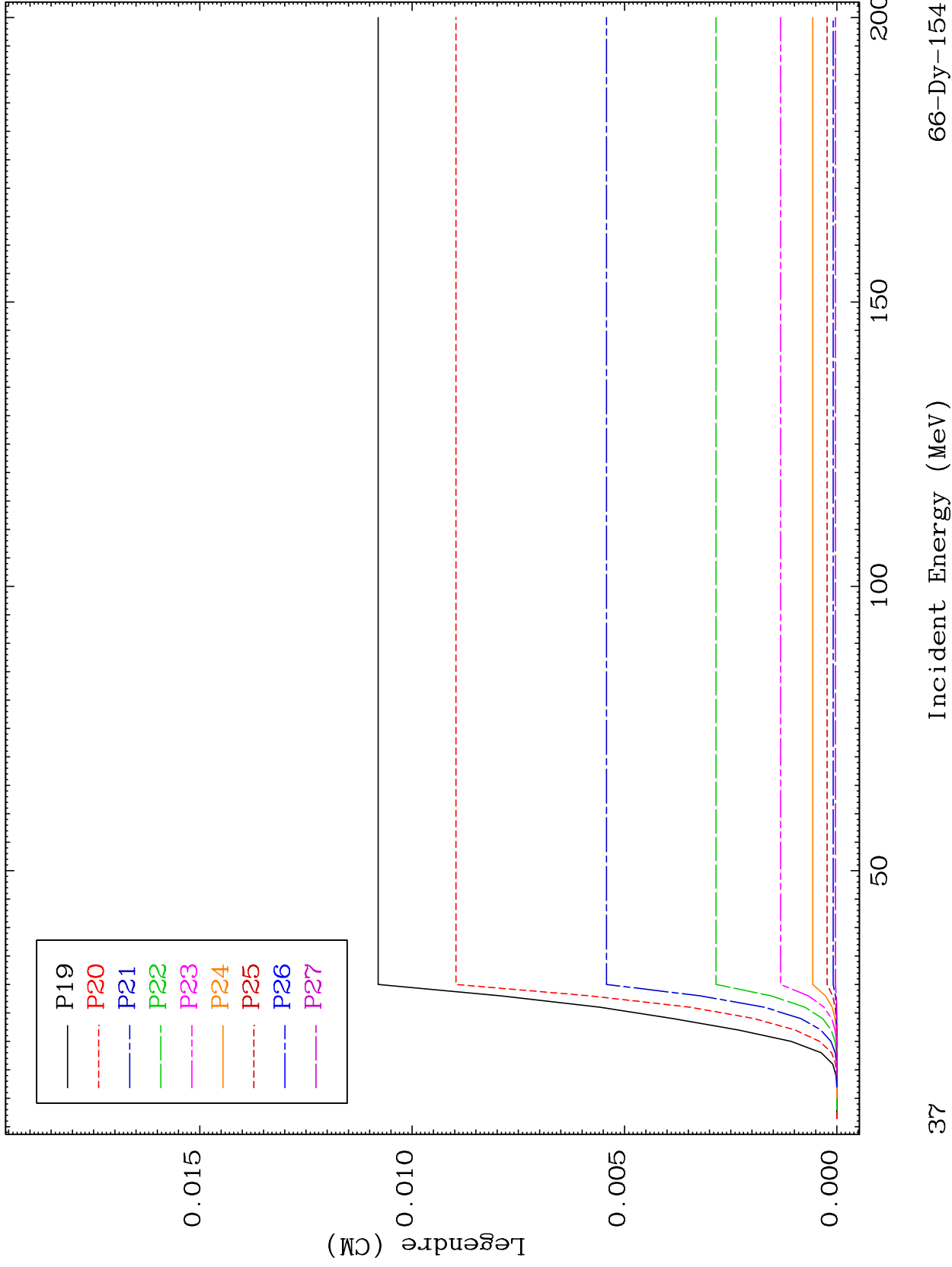




MAT 6619

1.027 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154



37

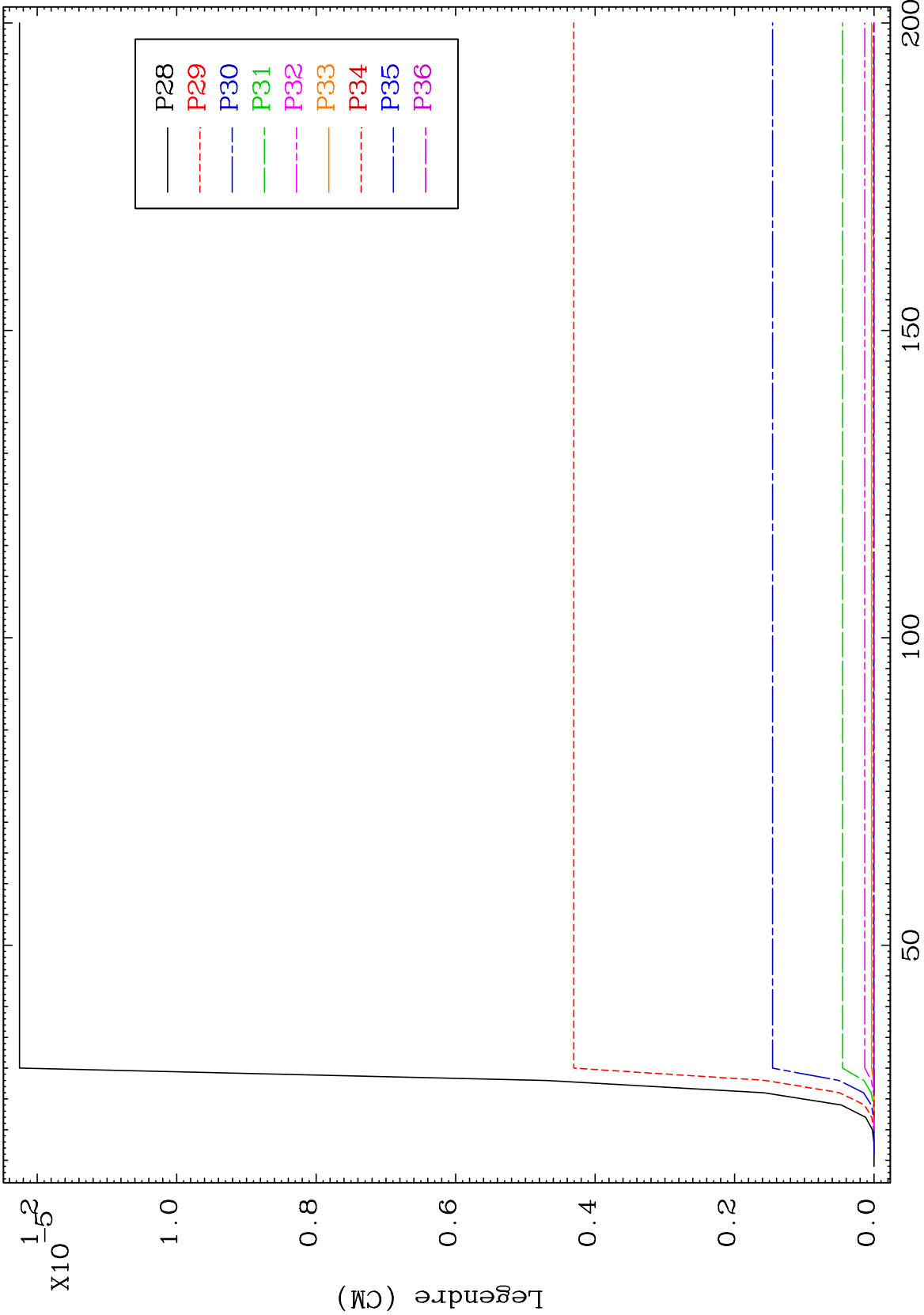
Incident Energy (MeV)

66-Dy-154

MAT 6619

1.027 MeV (n,n') Level  
Legendre Coefficients

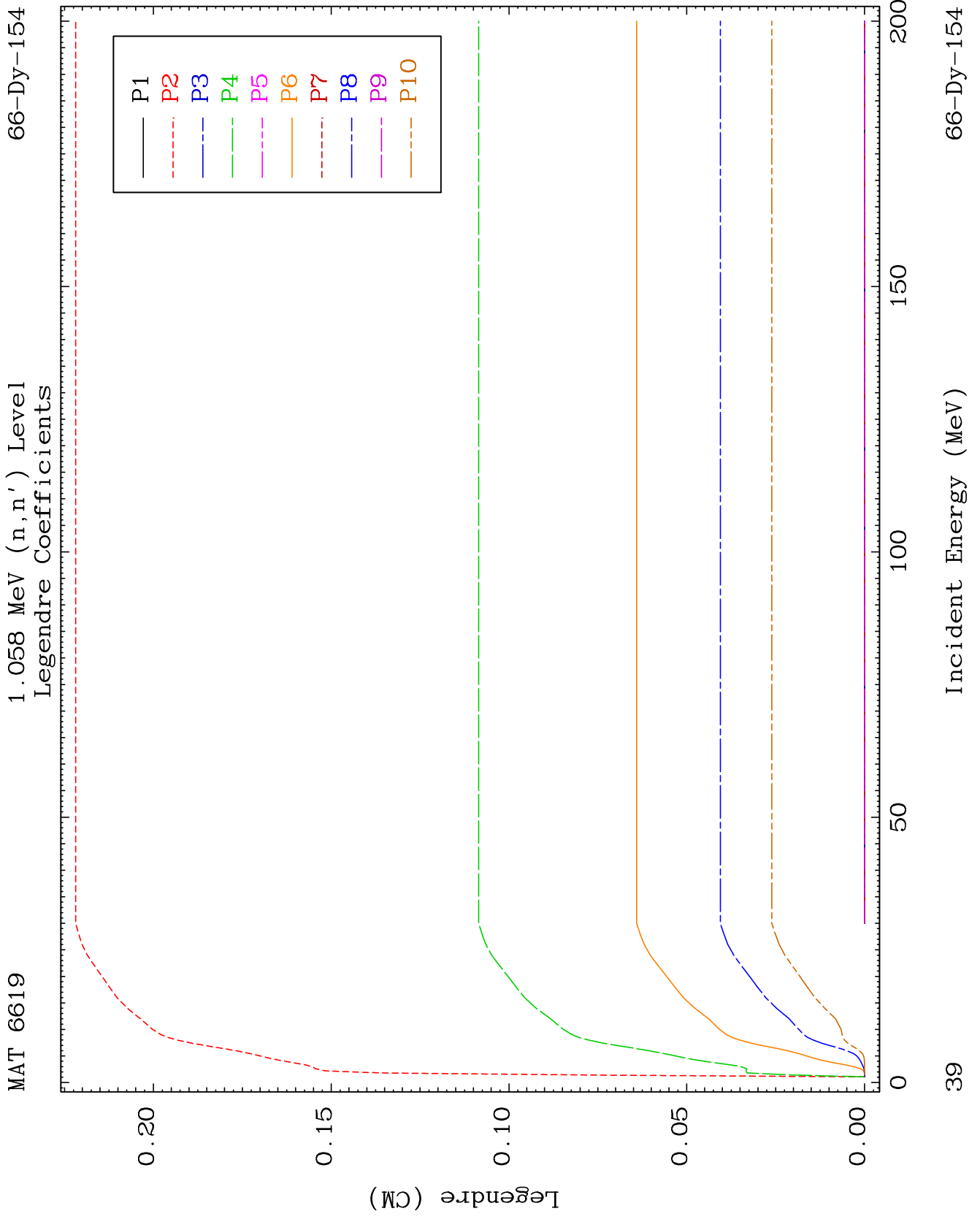
66-Dy-154



66-Dy-154

Incident Energy (MeV)

38

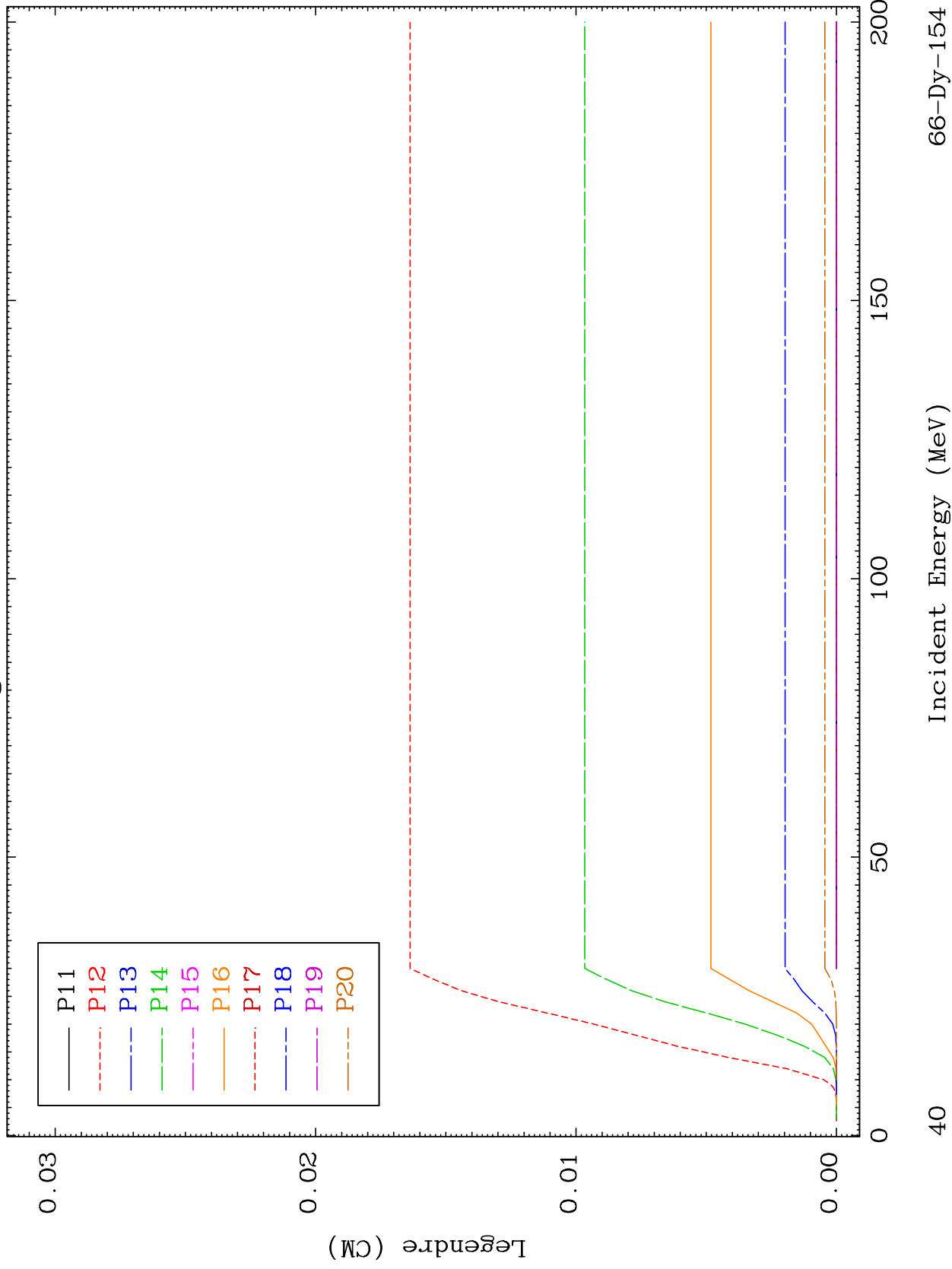




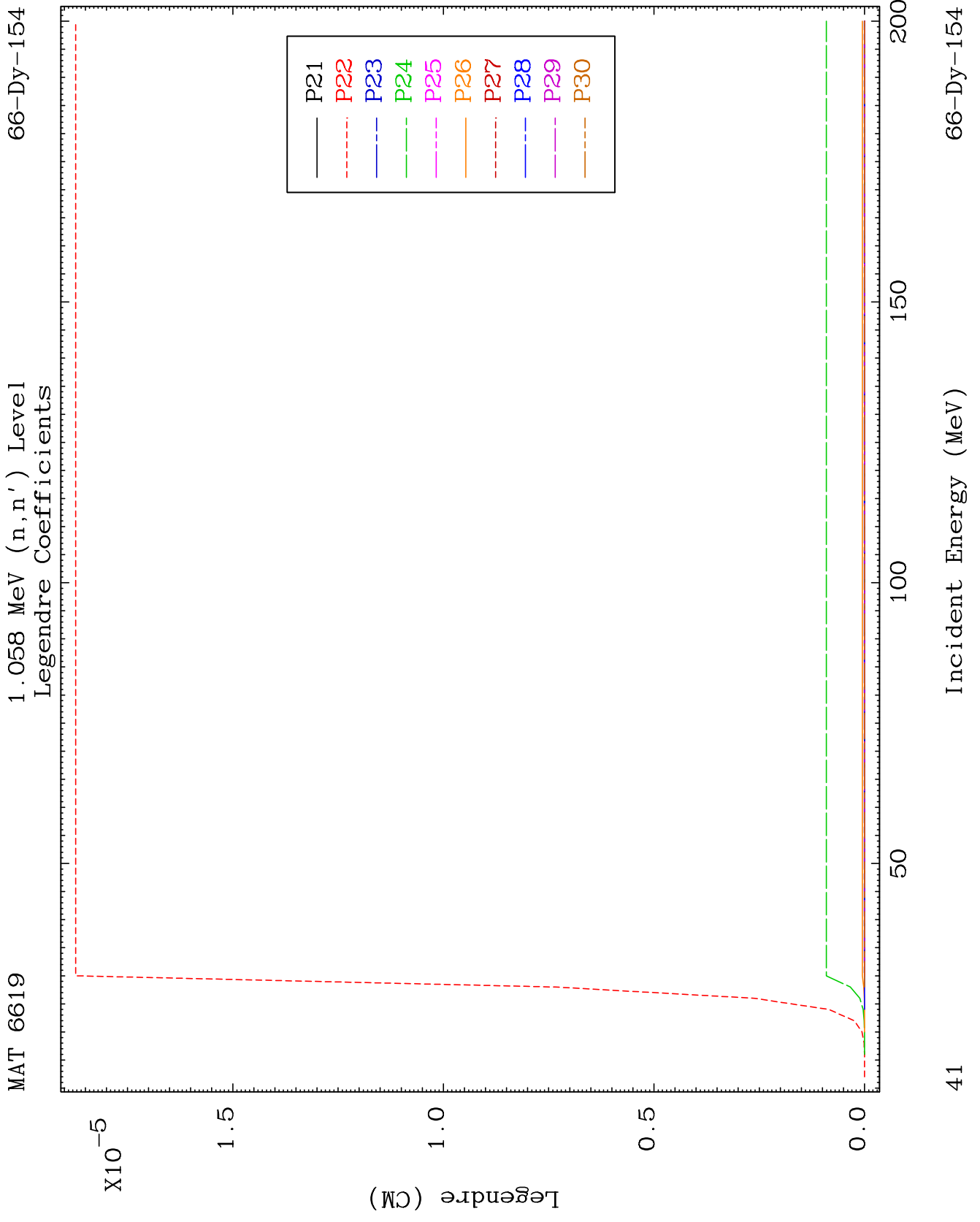
MAT 6619

1.058 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154



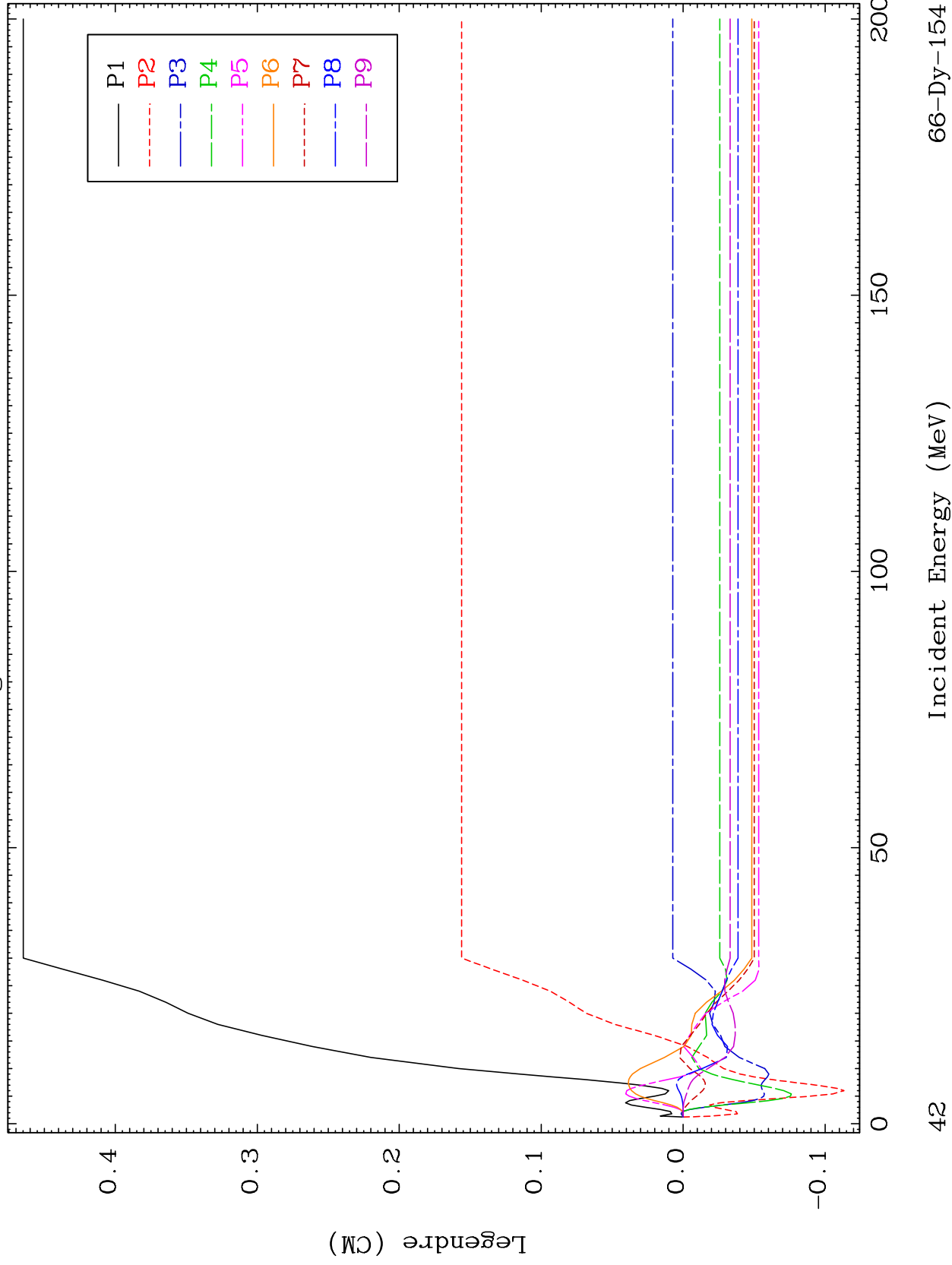
66-Dy-154



MAT 6619

1.208 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154

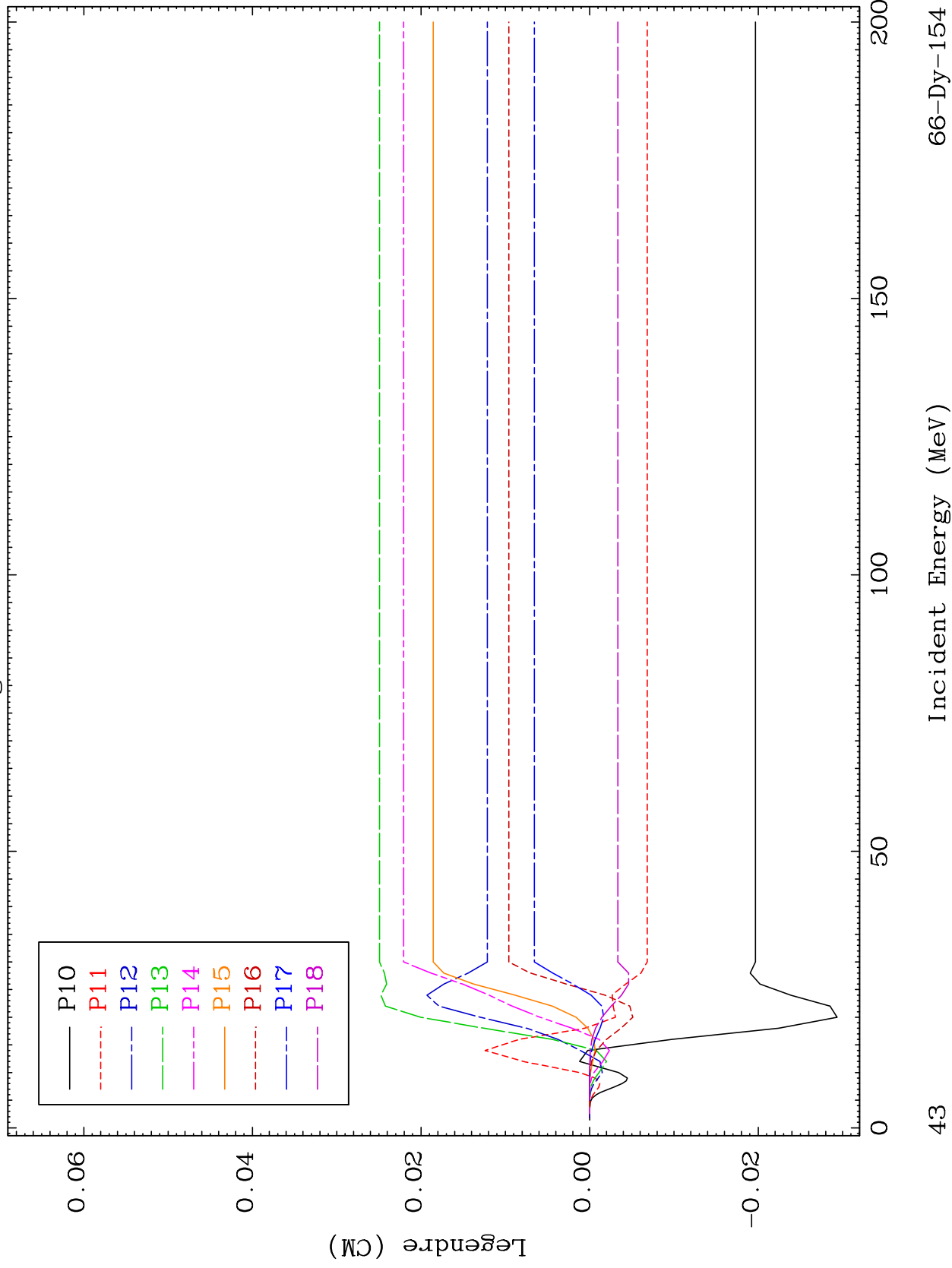


66-Dy-154

MAT 6619

1.208 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154



66-Dy-154

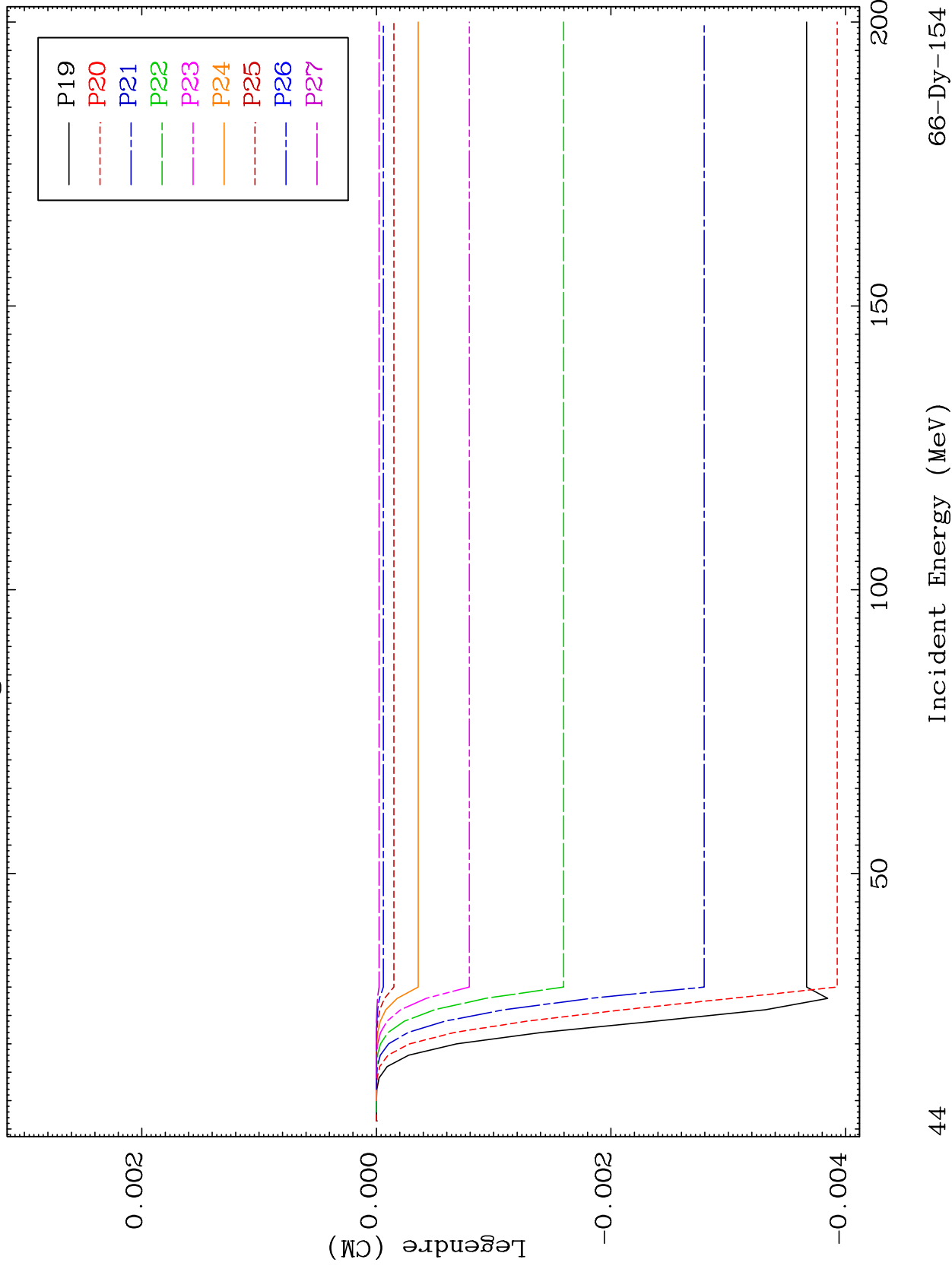
Incident Energy (MeV)

43

MAT 6619

1.208 MeV (n,n') Level  
Legendre Coefficients

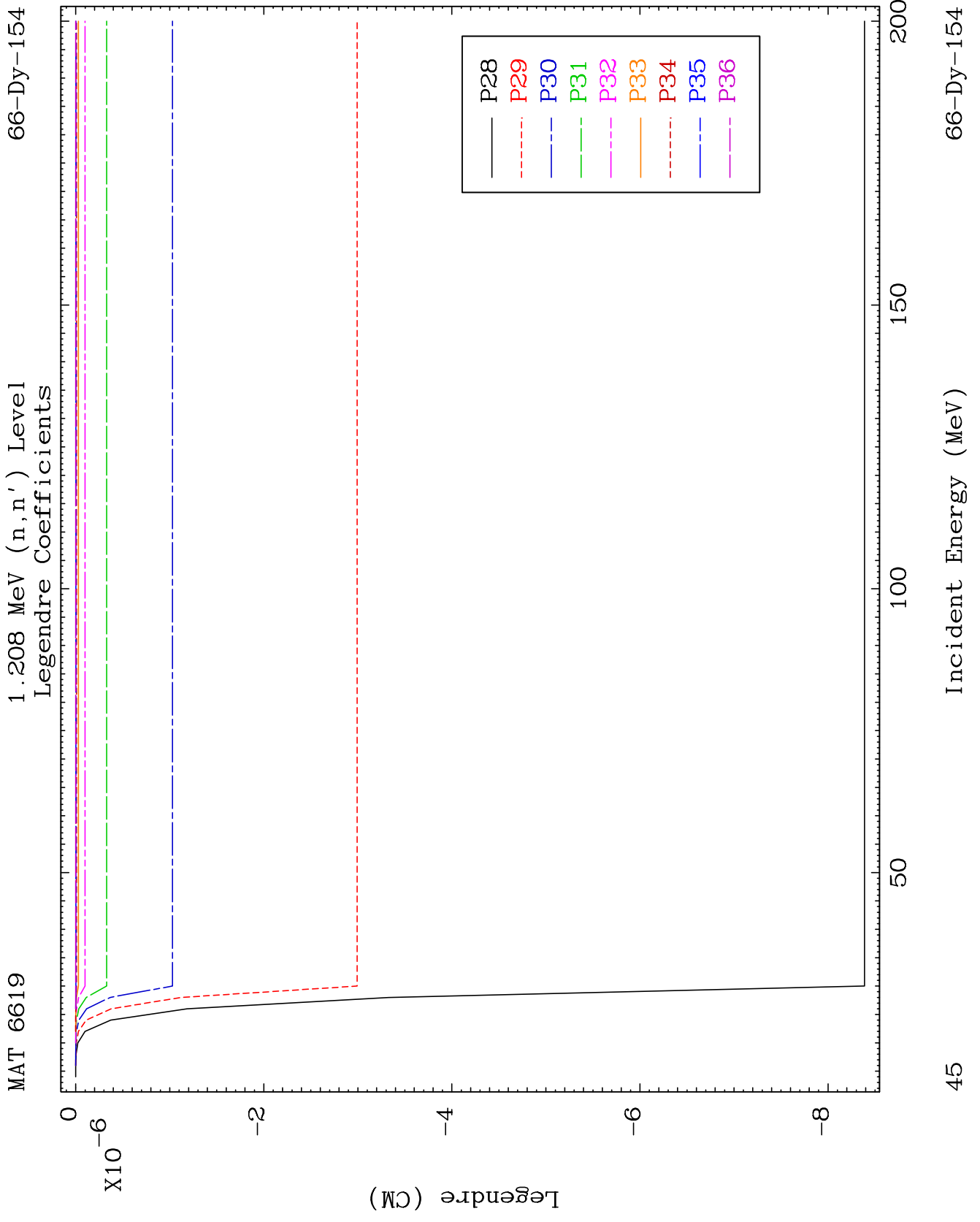
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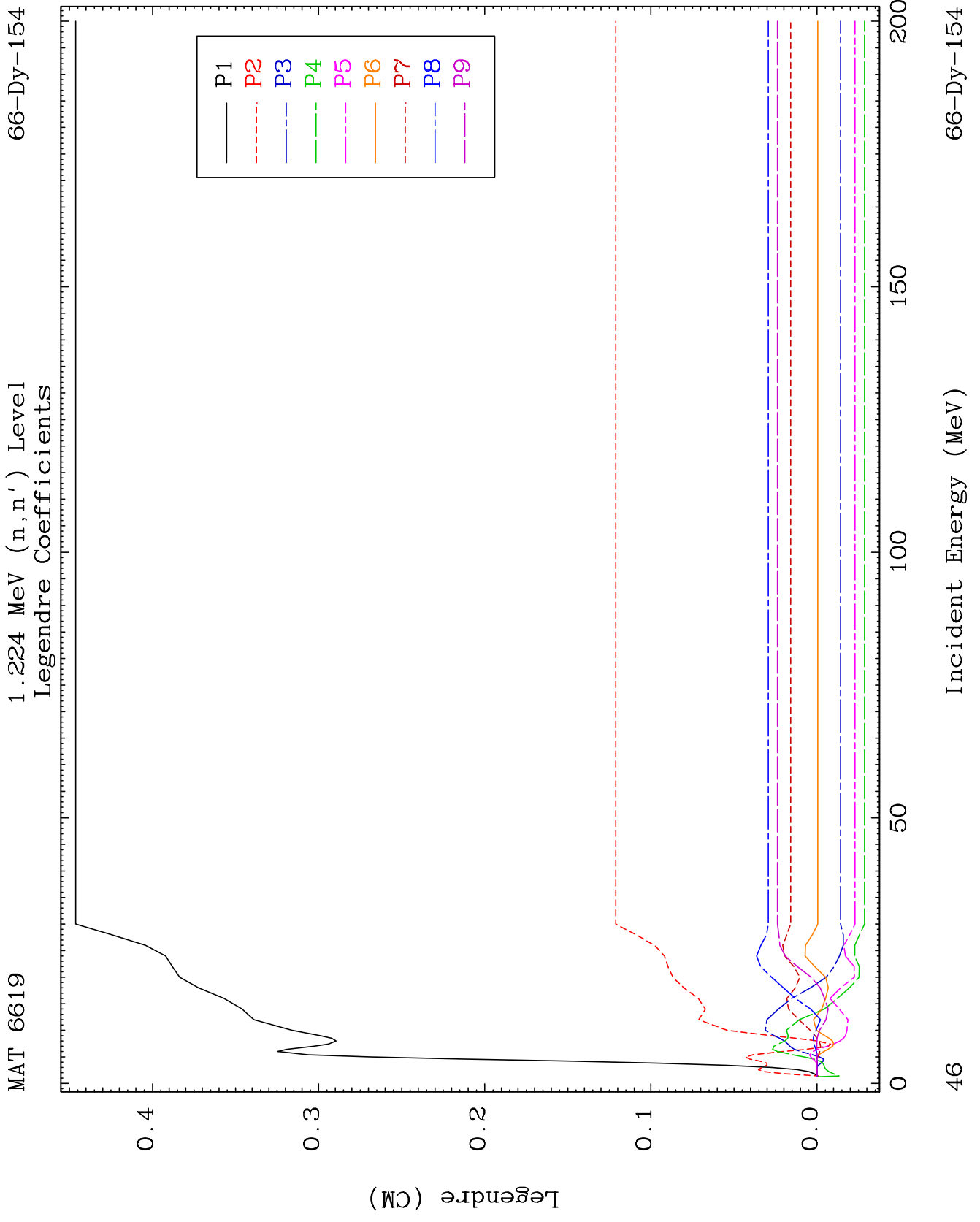


44

Incident Energy (MeV)

66-Dy-154

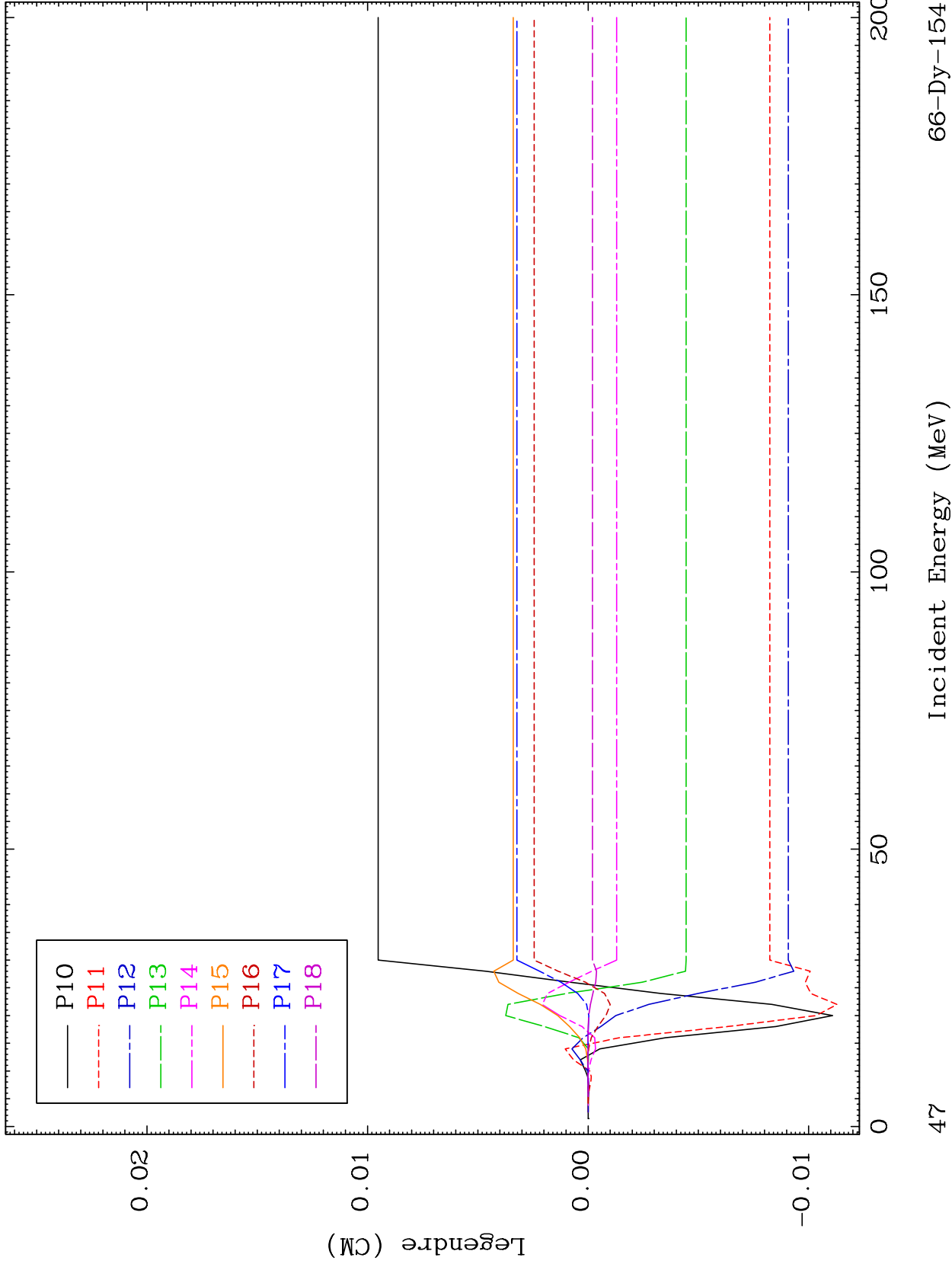




MAT 6619

1.224 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154

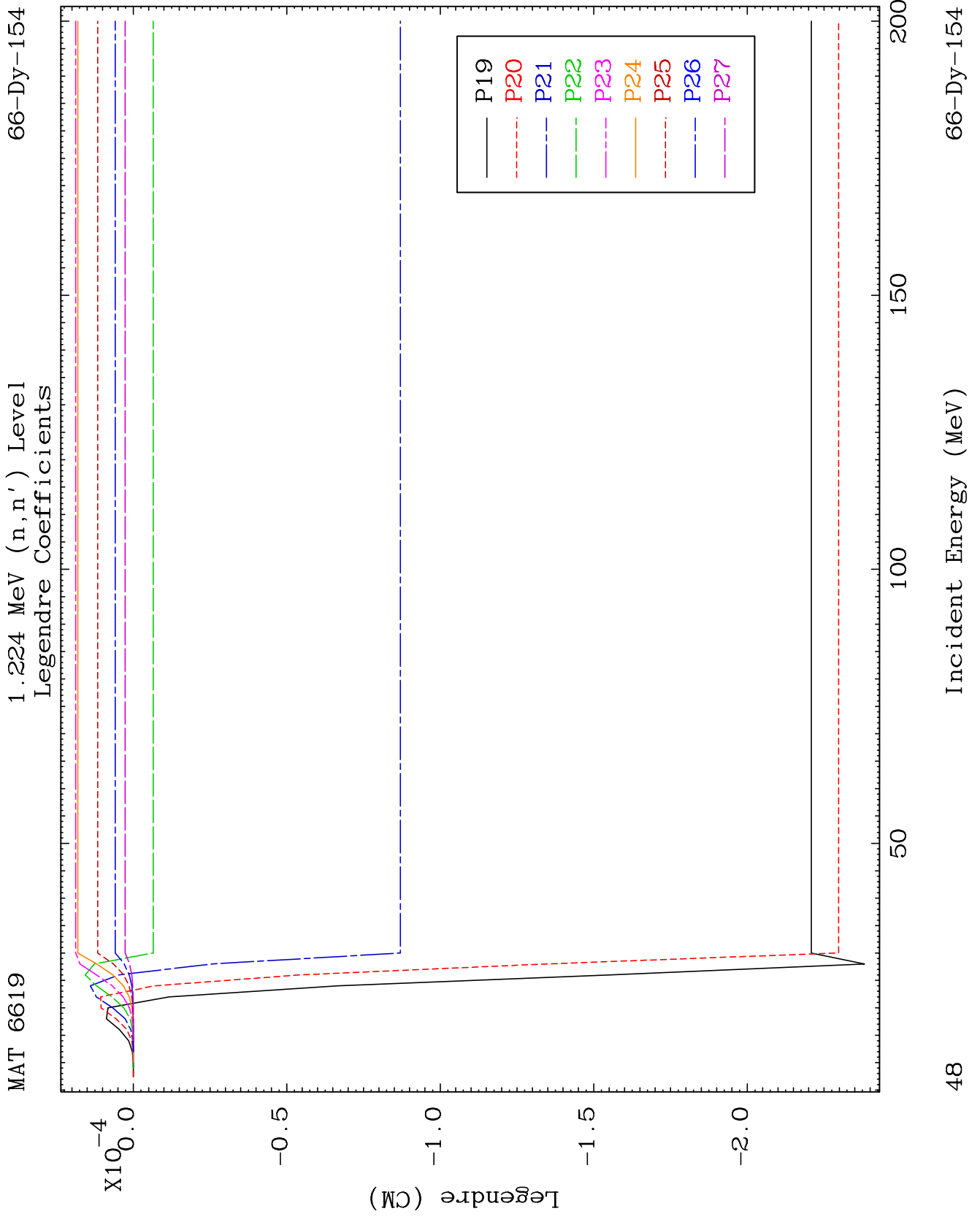


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Incident Energy (MeV)

66-Dy-154

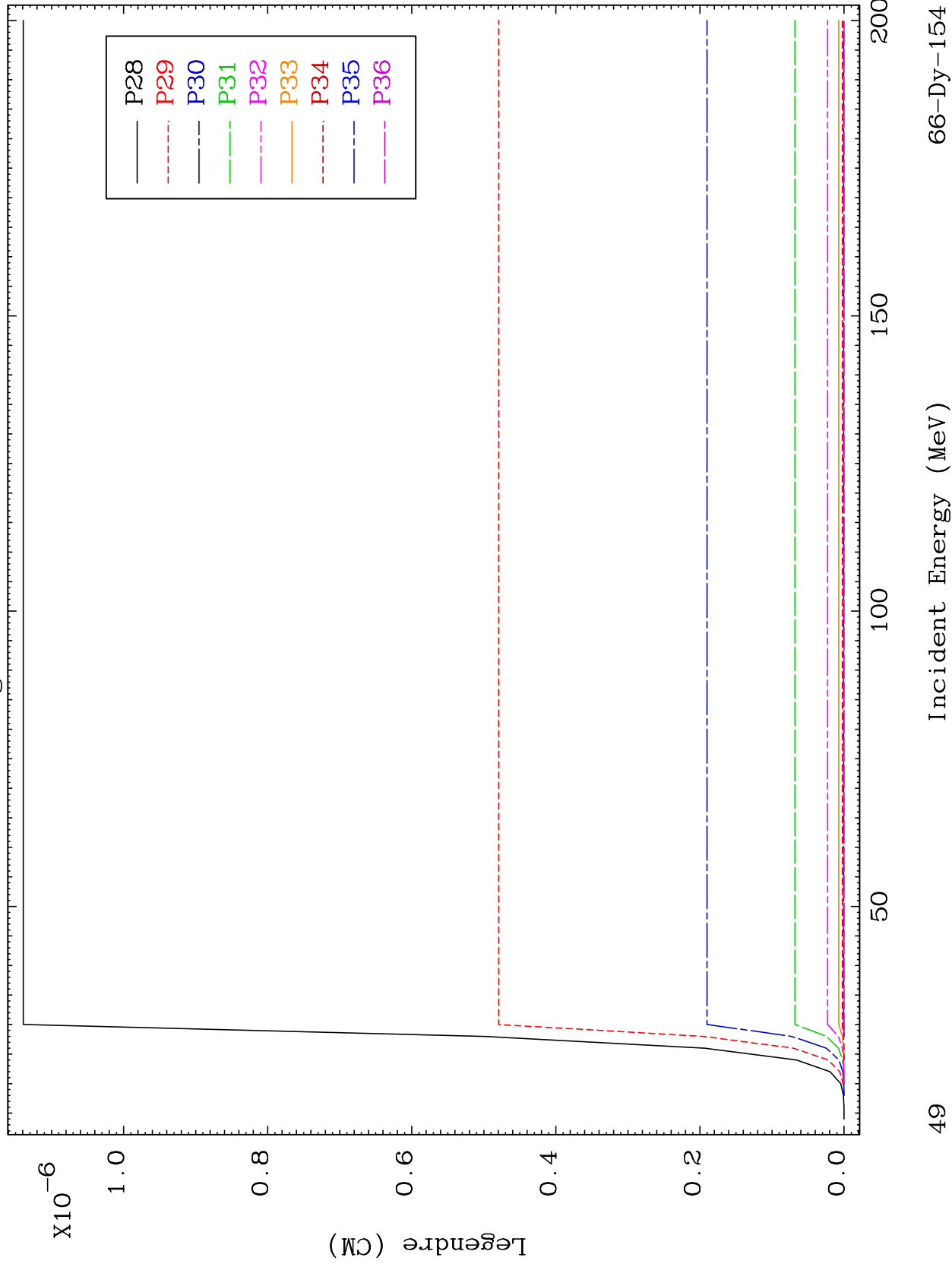




MAT 6619

1.224 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154

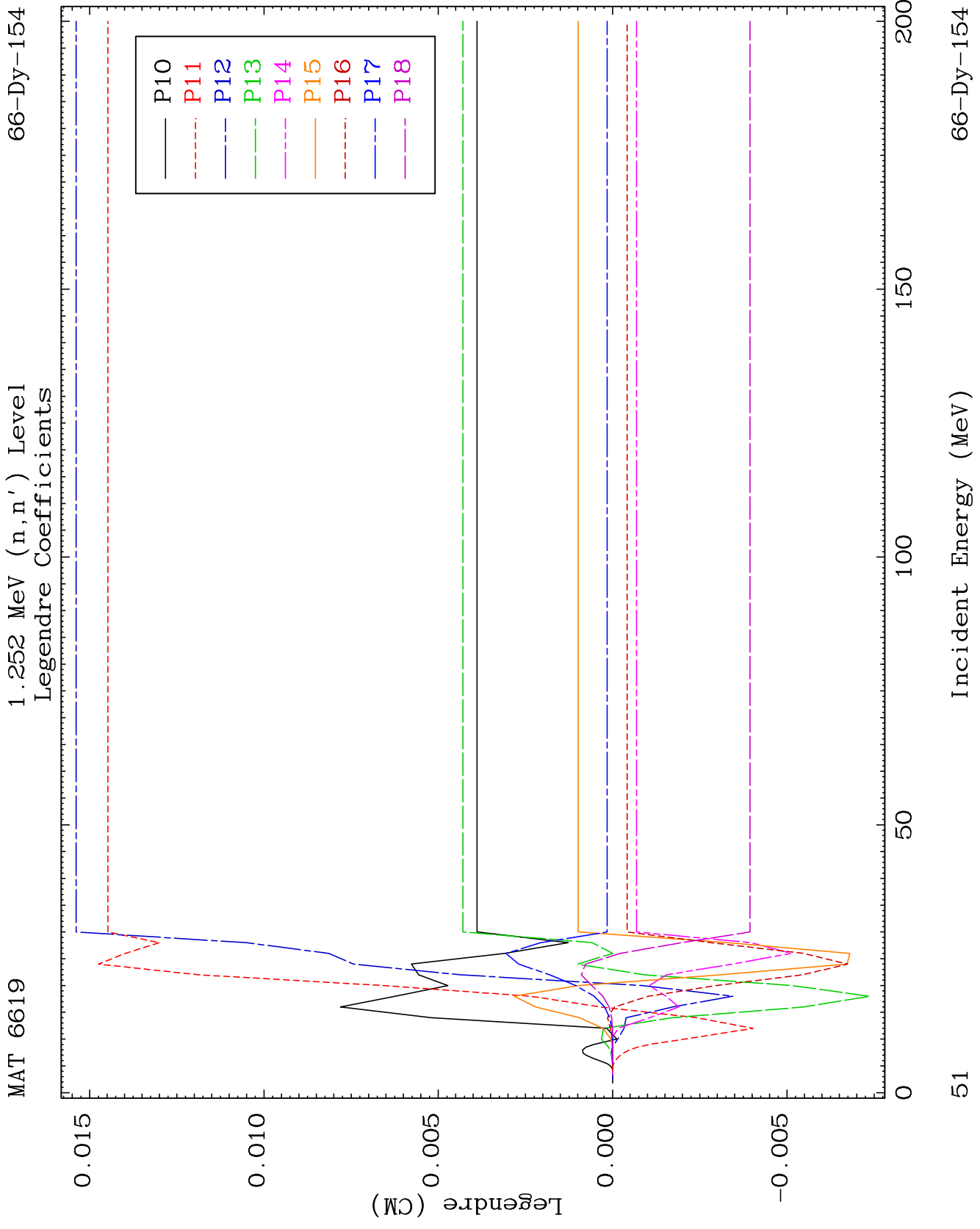


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Incident Energy (MeV)

66-Dy-154

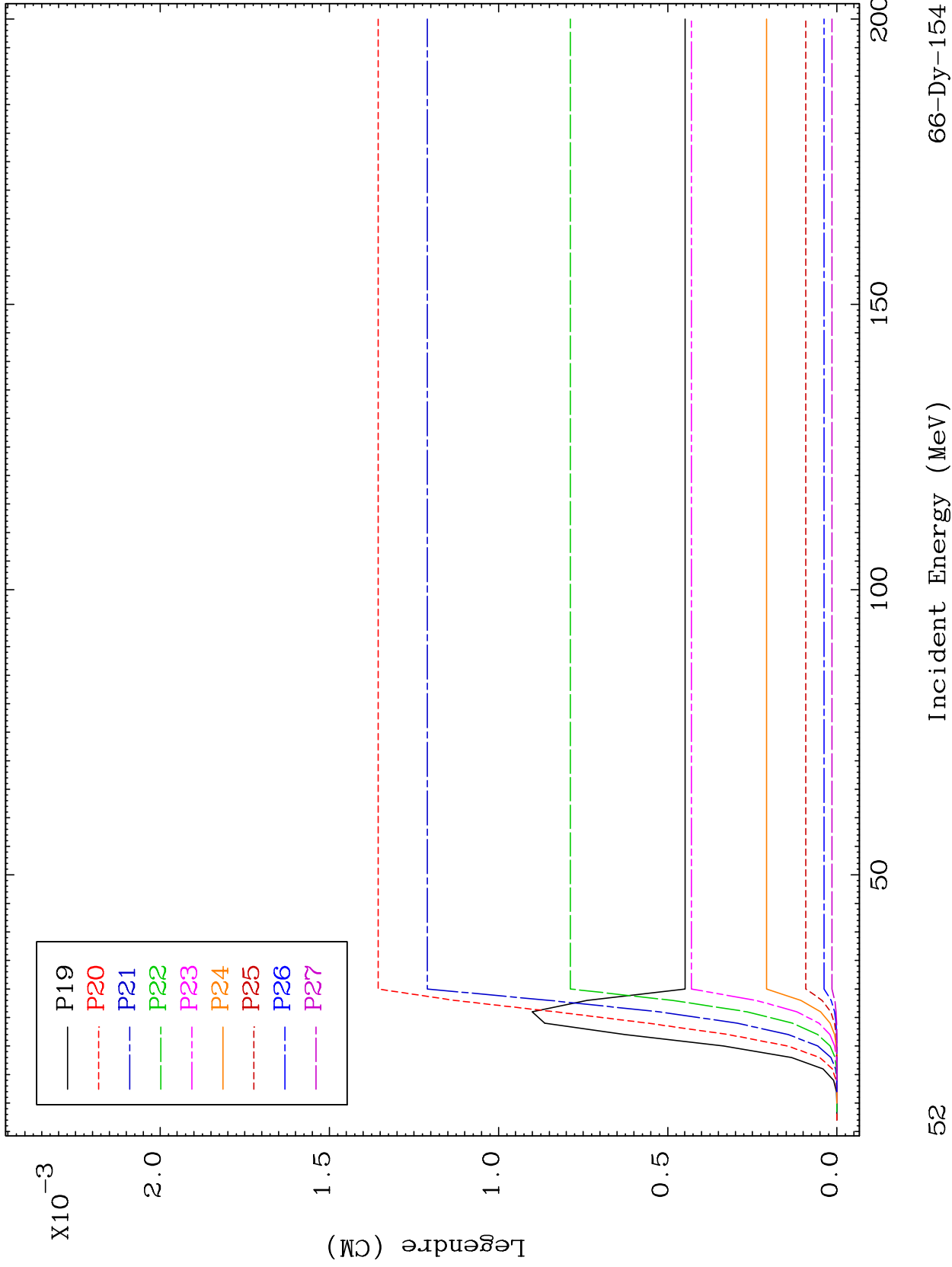




MAT 6619

1.252 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154



52

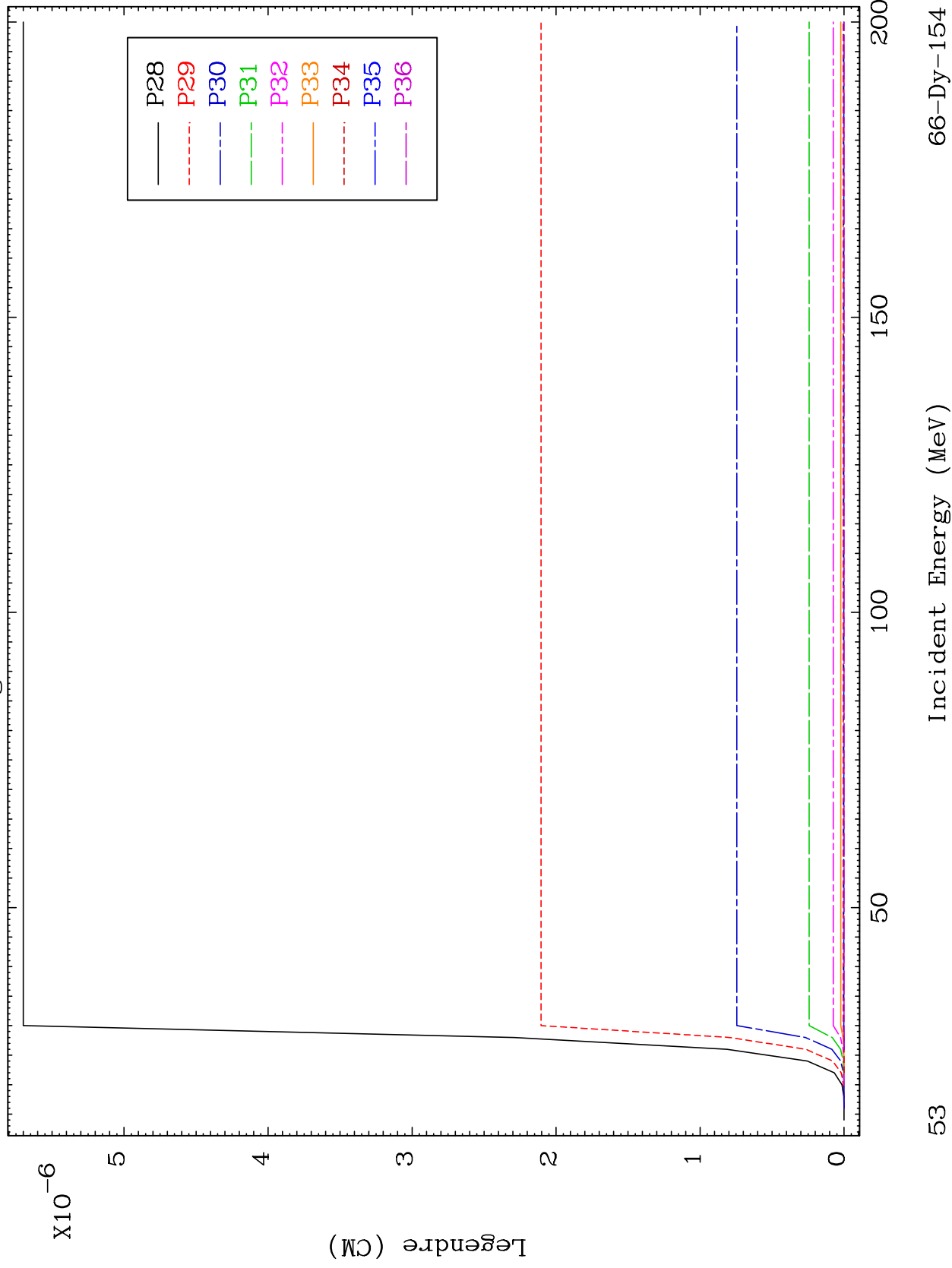
Incident Energy (MeV)

66-Dy-154

MAT 6619

1.252 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154

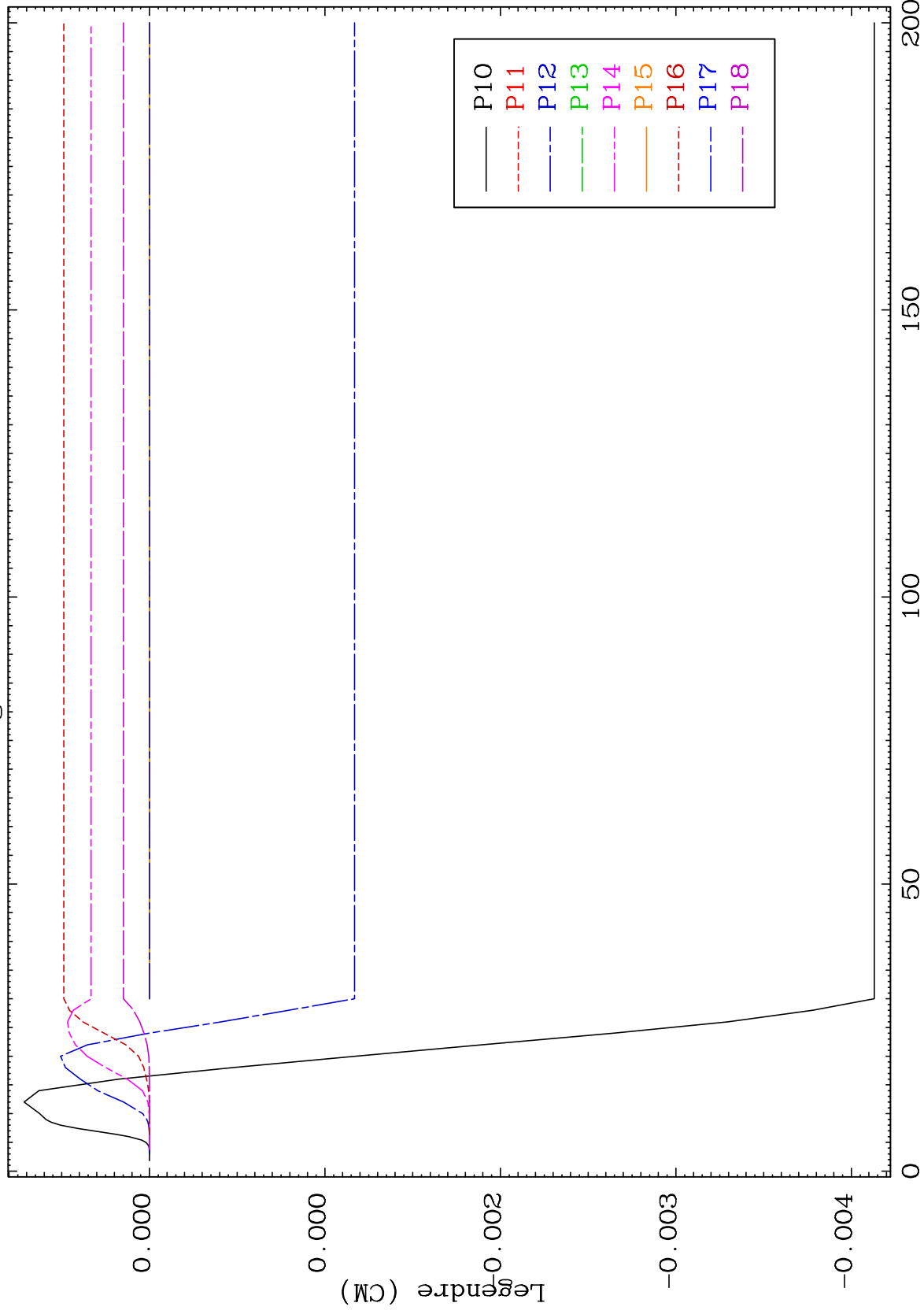




MAT 6619

1.334 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154

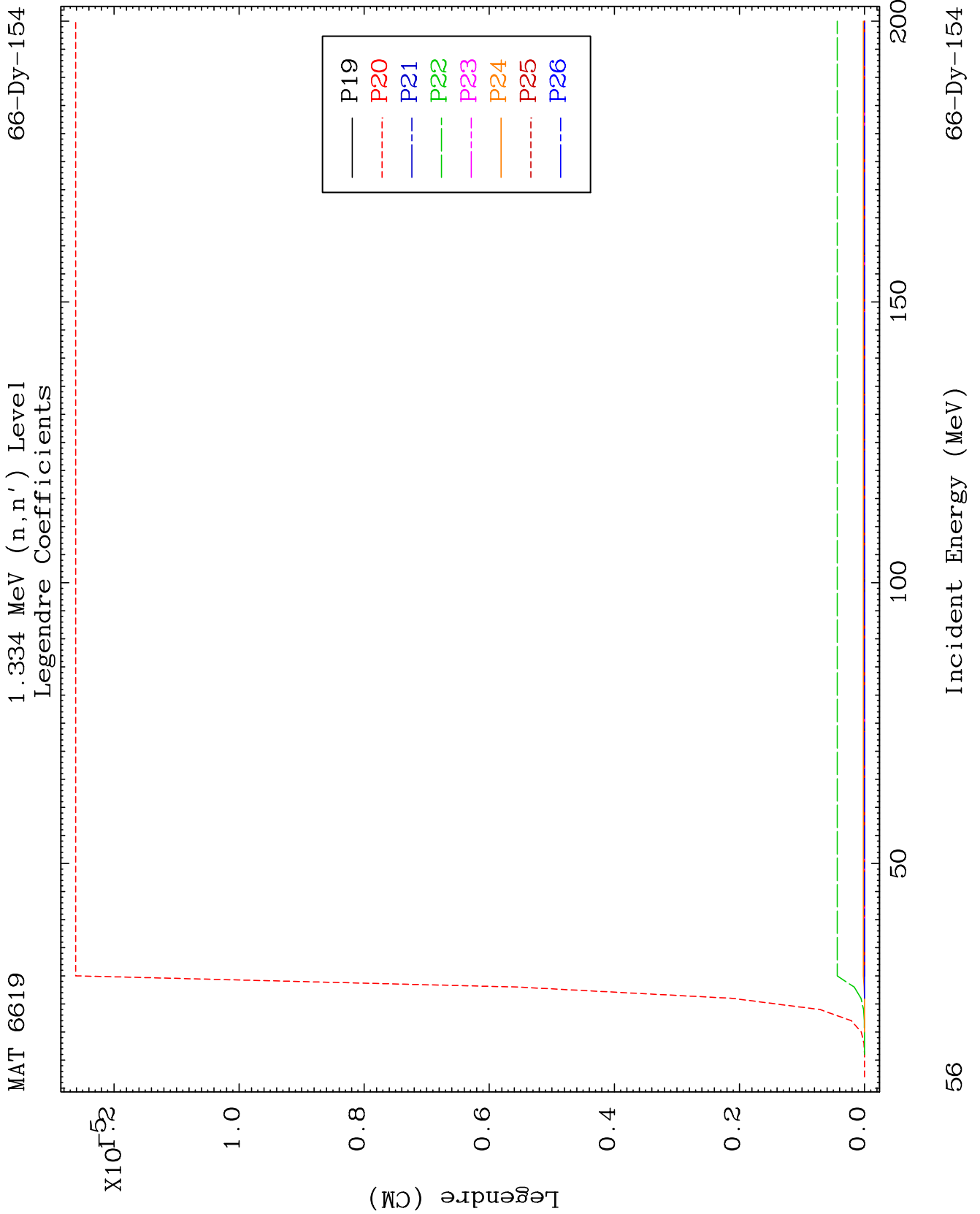


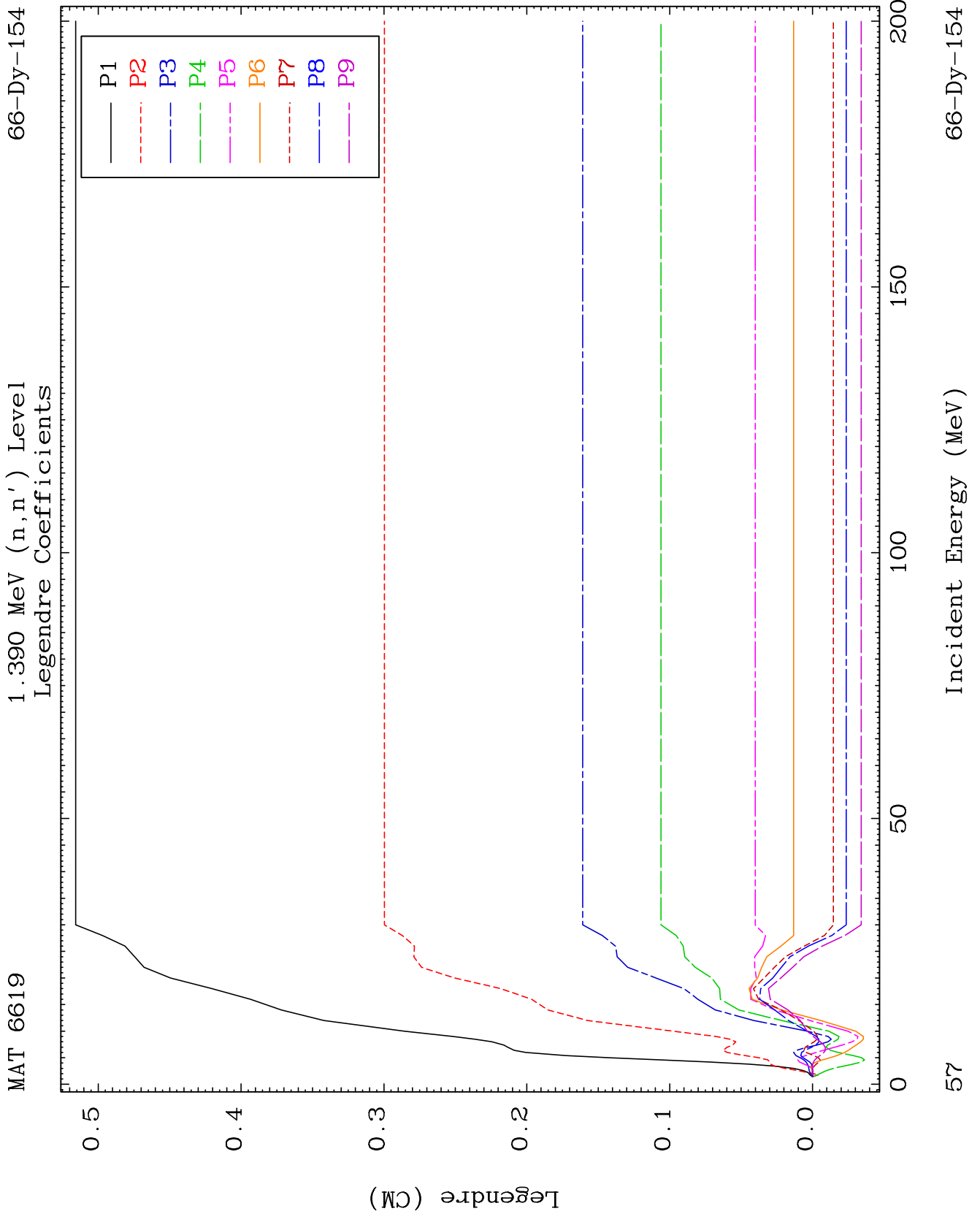
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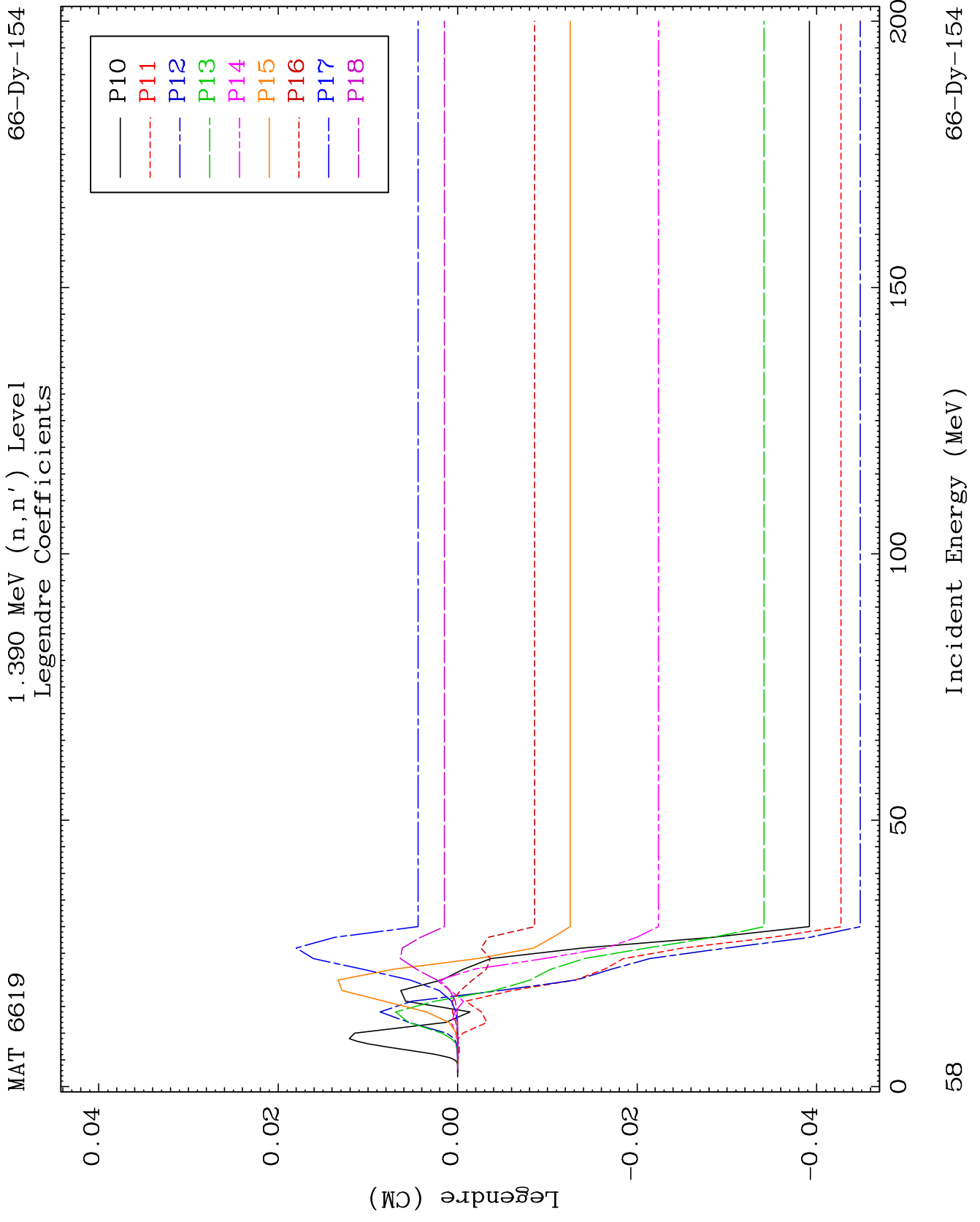
Incident Energy (MeV)

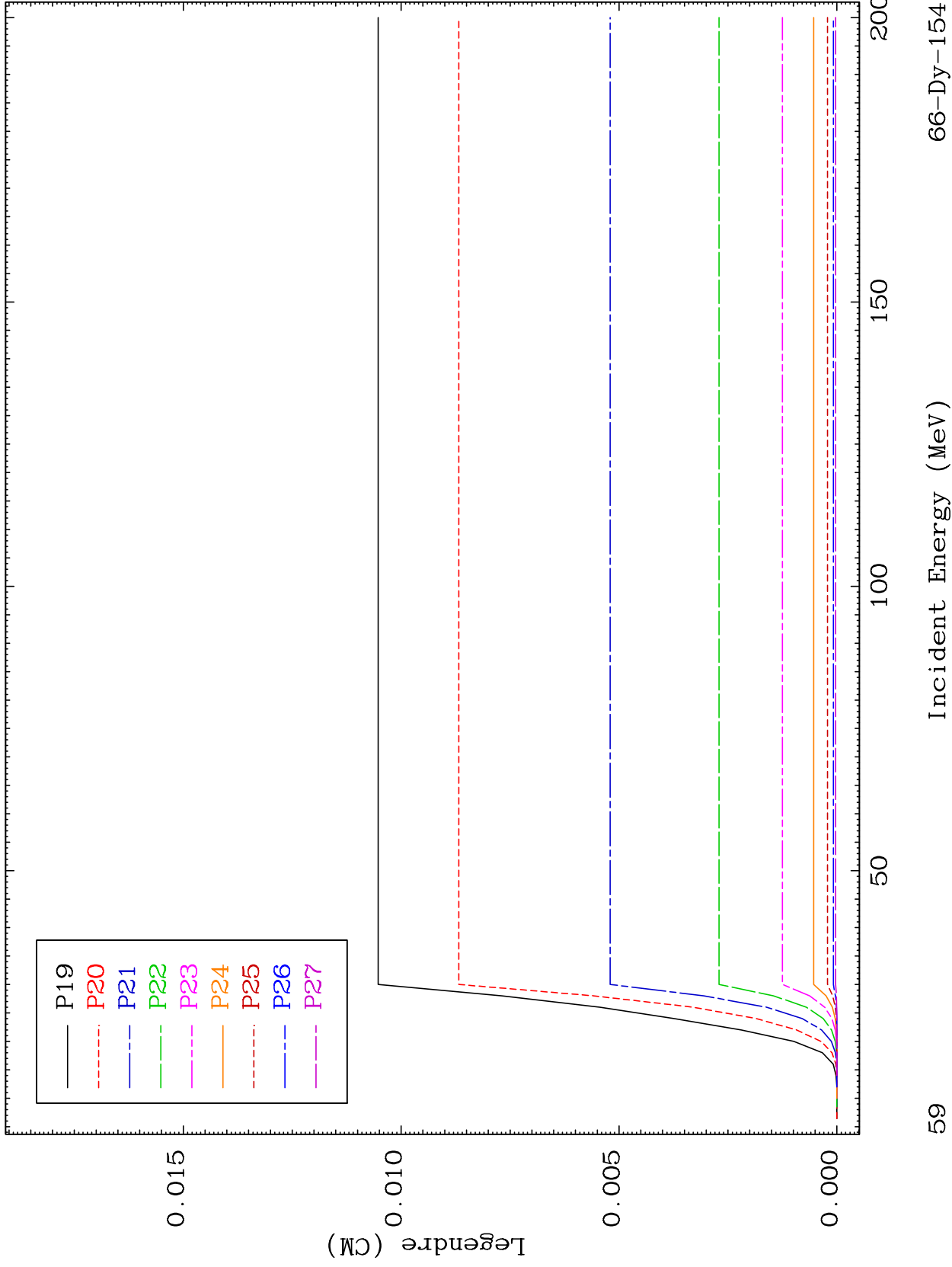
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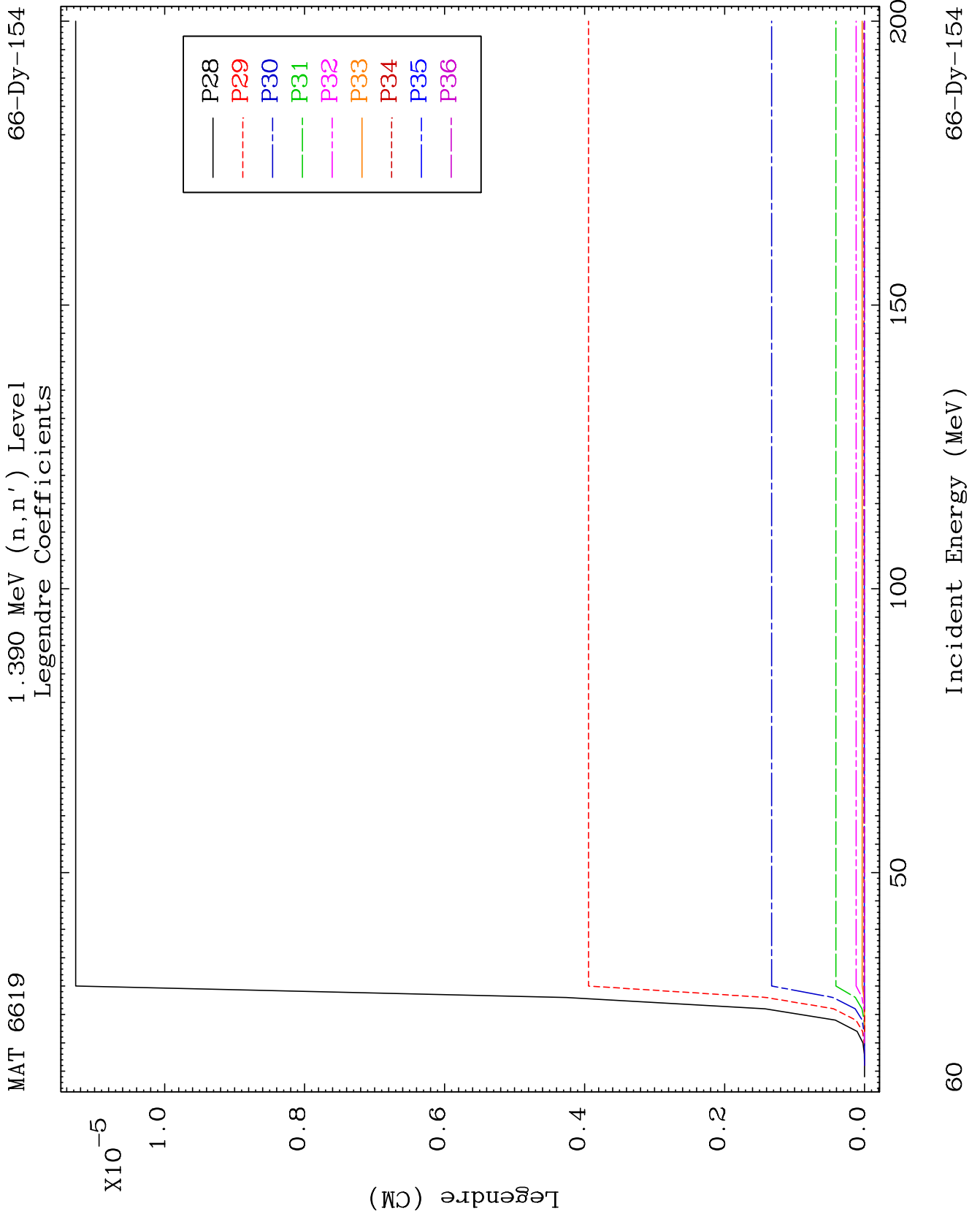


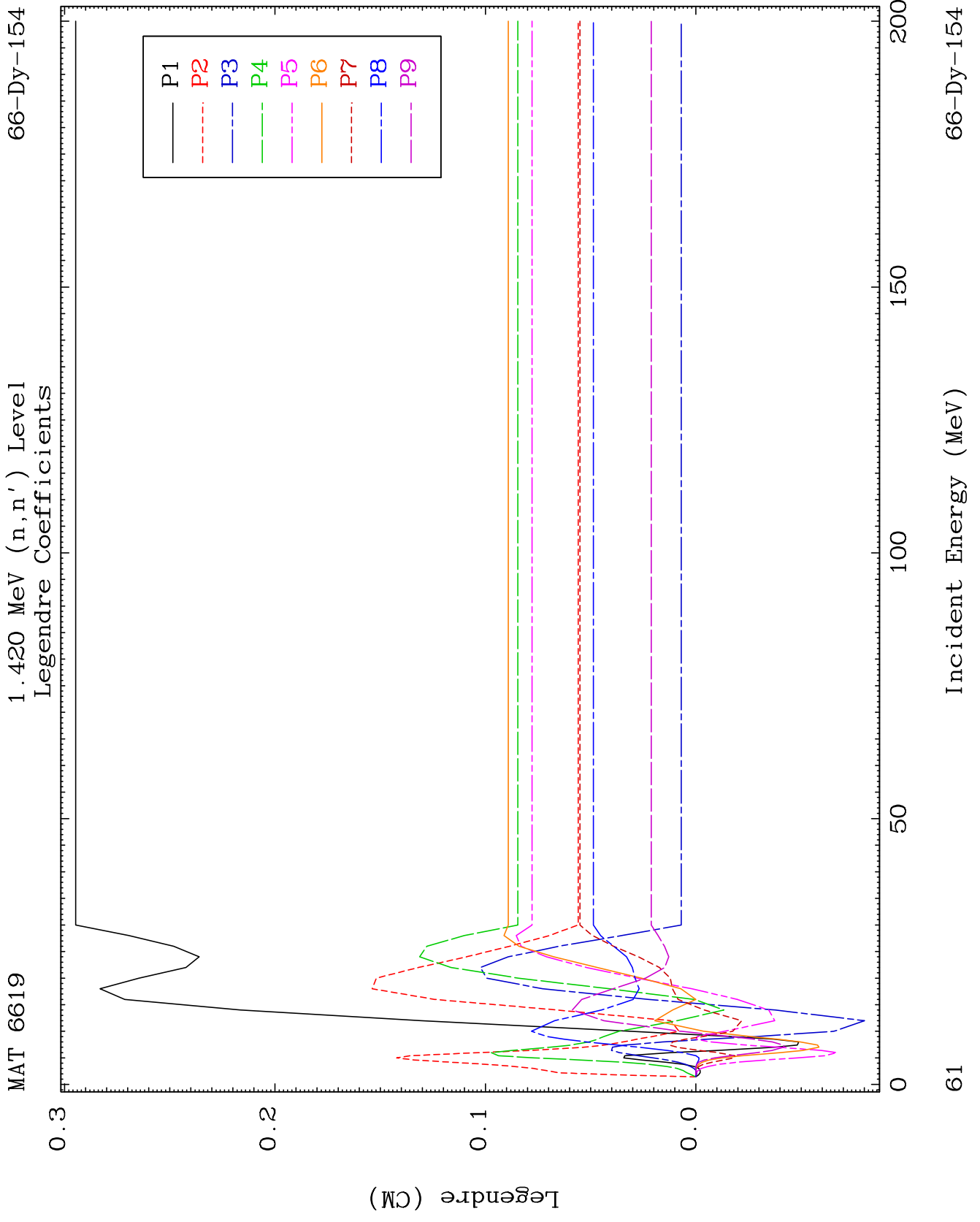








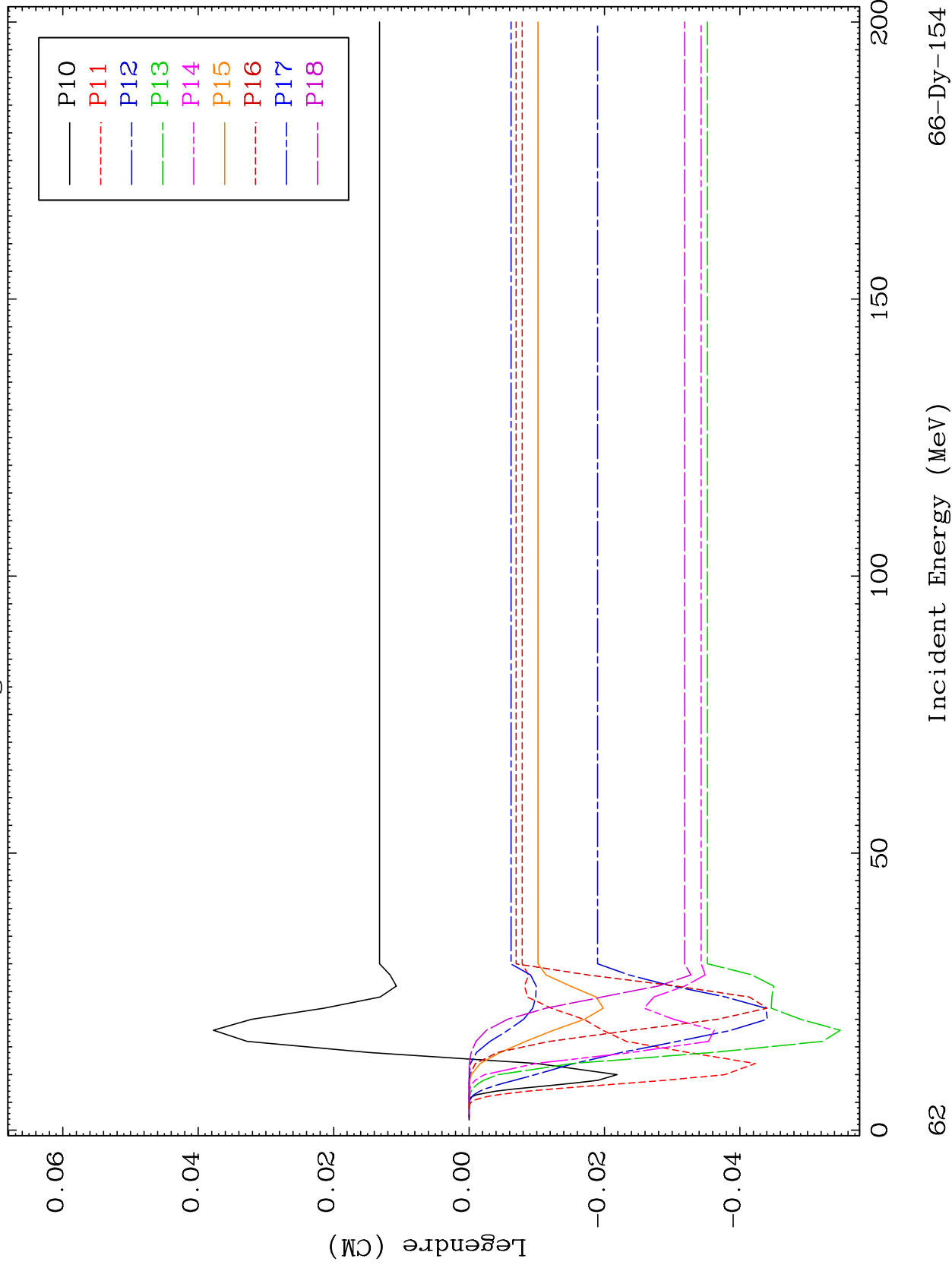




MAT 6619

1.420 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154



66-Dy-154

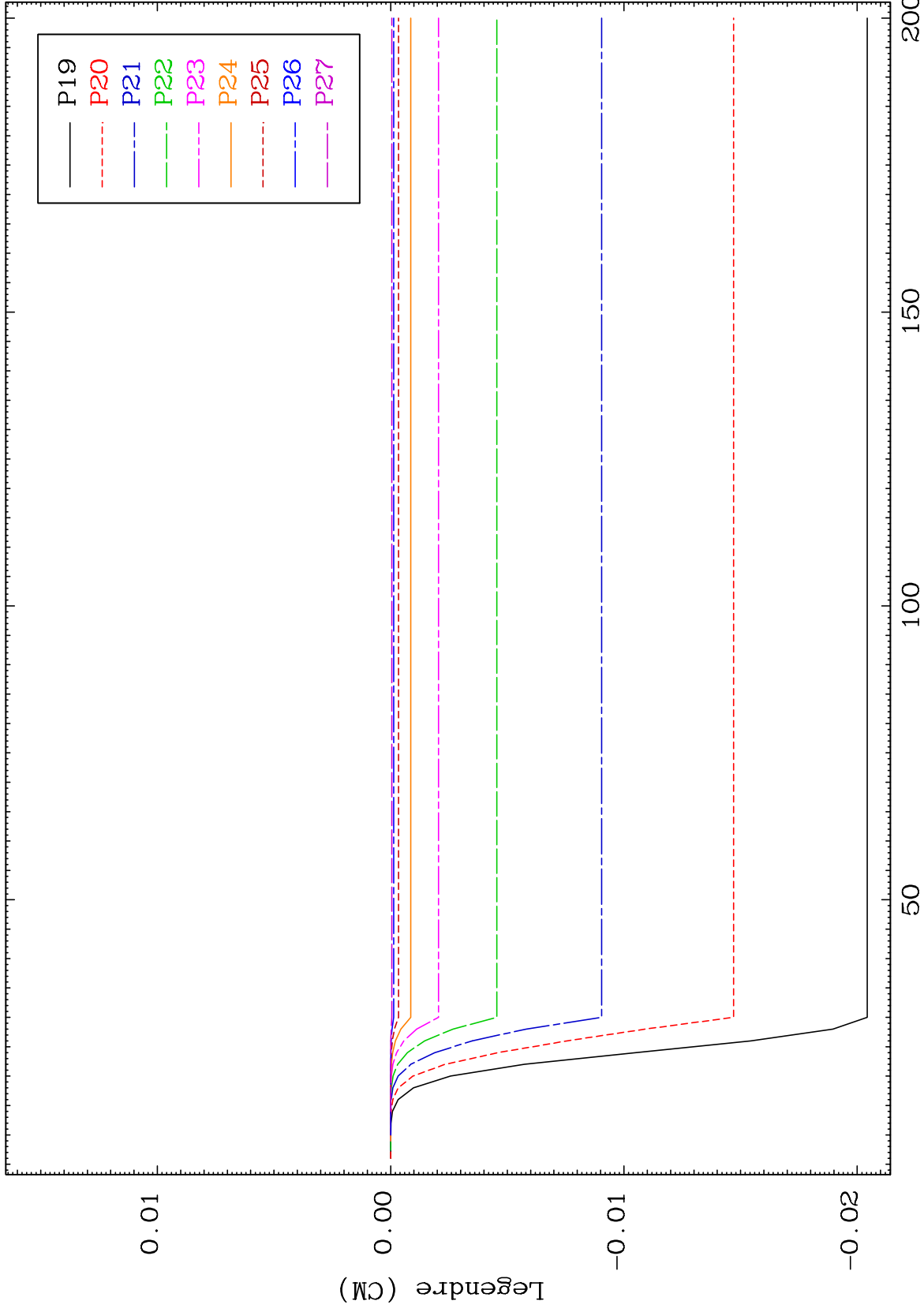
Incident Energy (MeV)

62

MAT 6619

1.420 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154

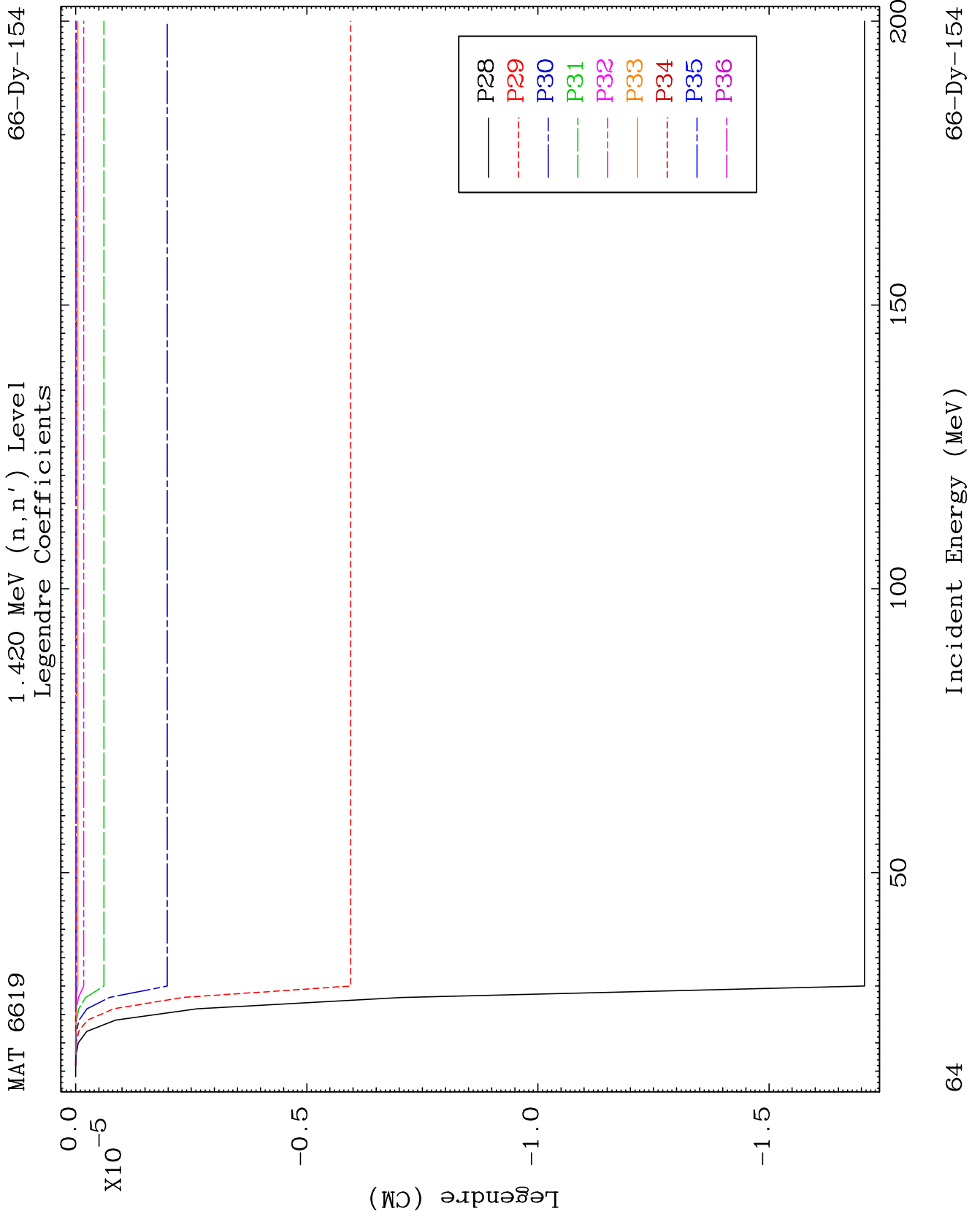


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Incident Energy (MeV)

66-Dy-154

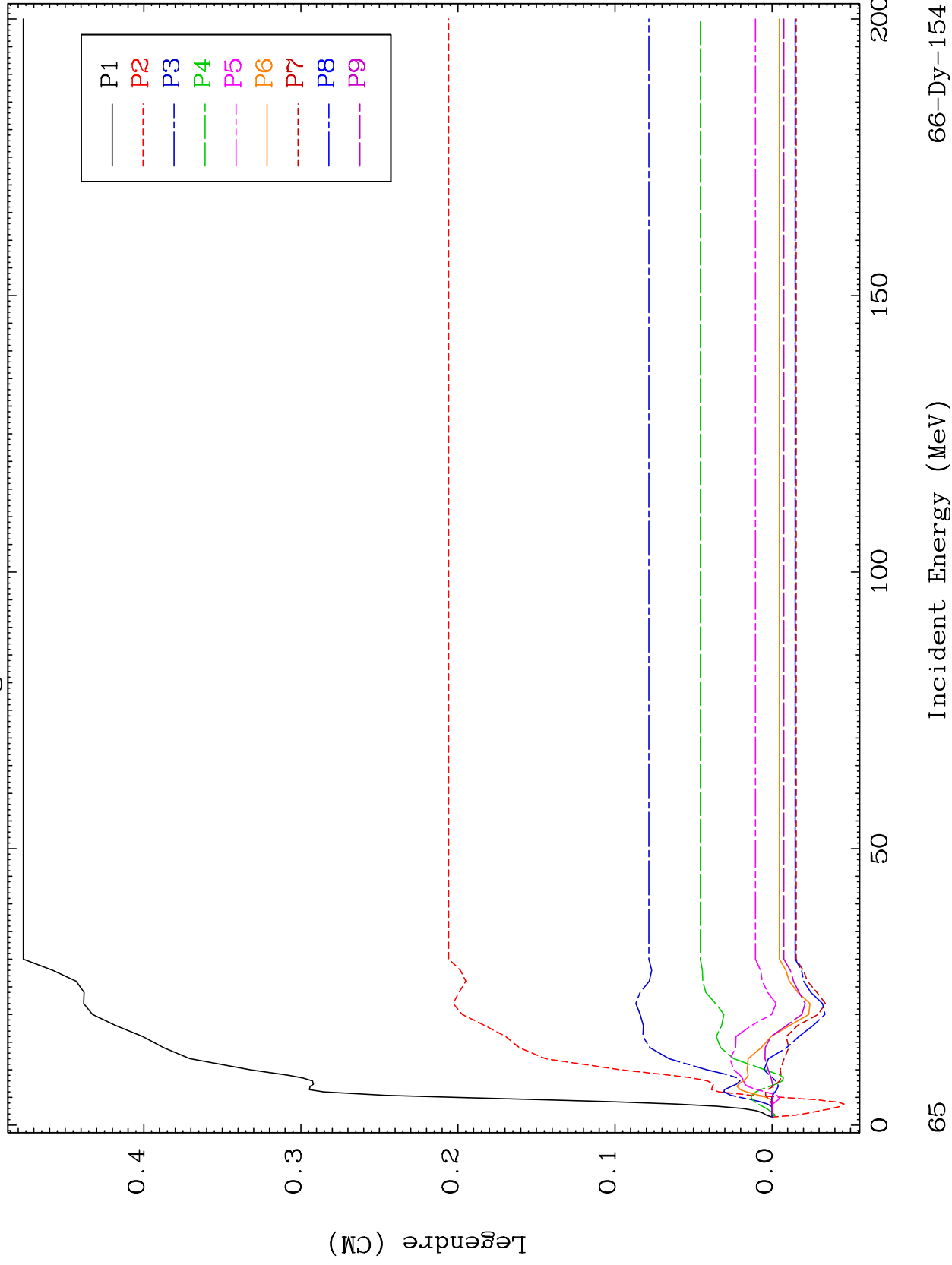




MAT 6619

1.442 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154



66-Dy-154

Incident Energy (MeV)

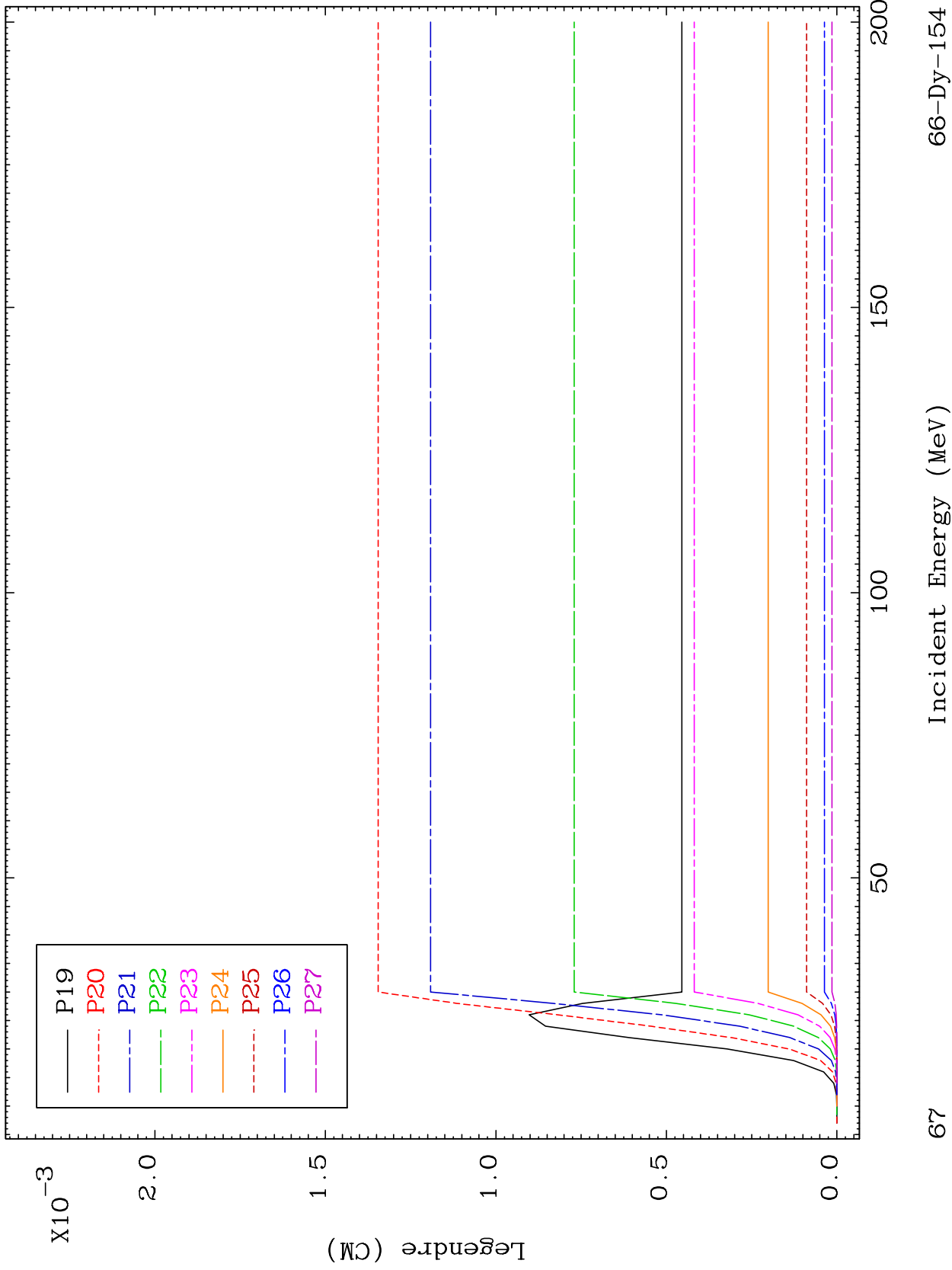
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MAT 6619

1.442 MeV (n,n') Level  
Legendre Coefficients

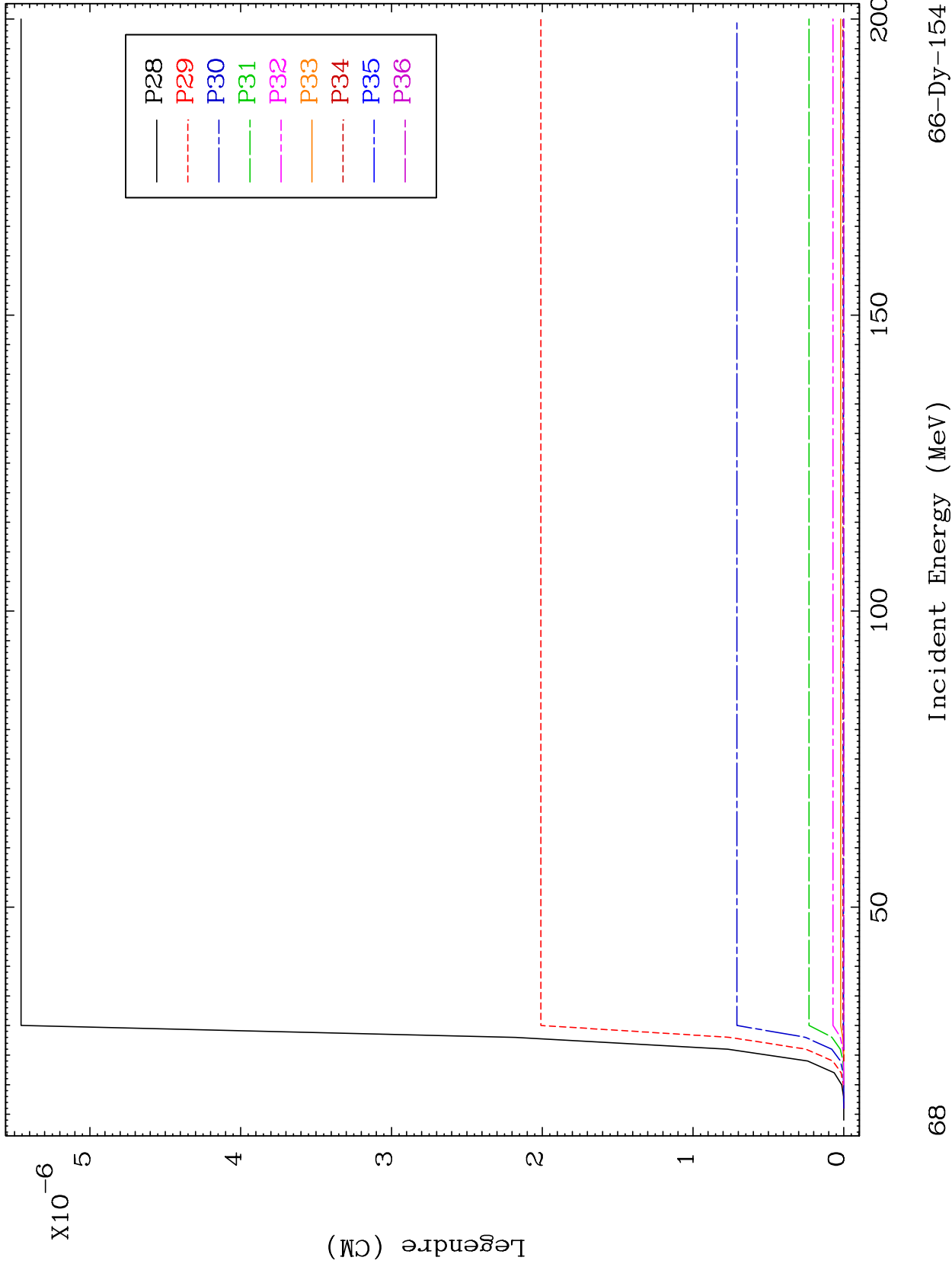
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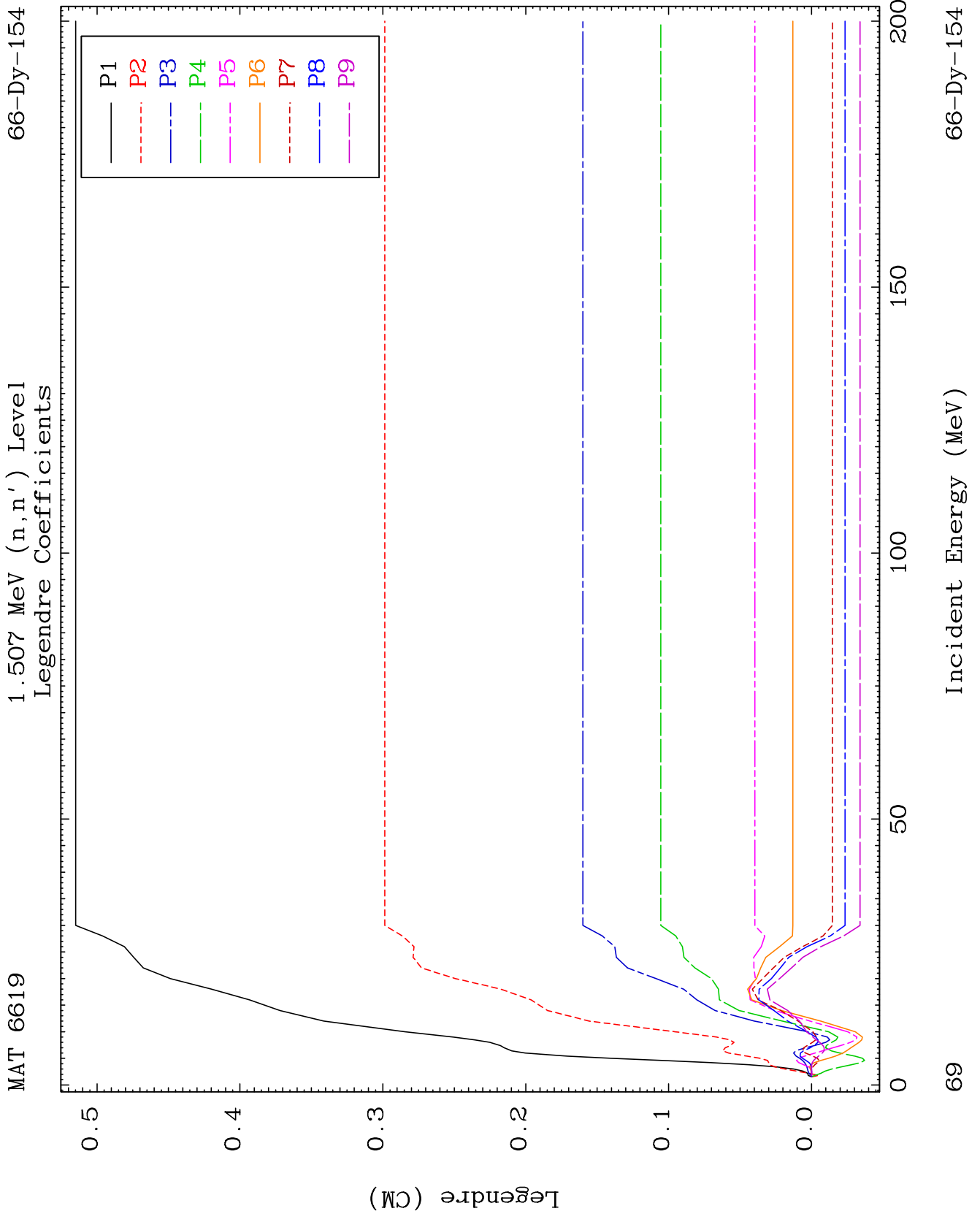
MAT 6619

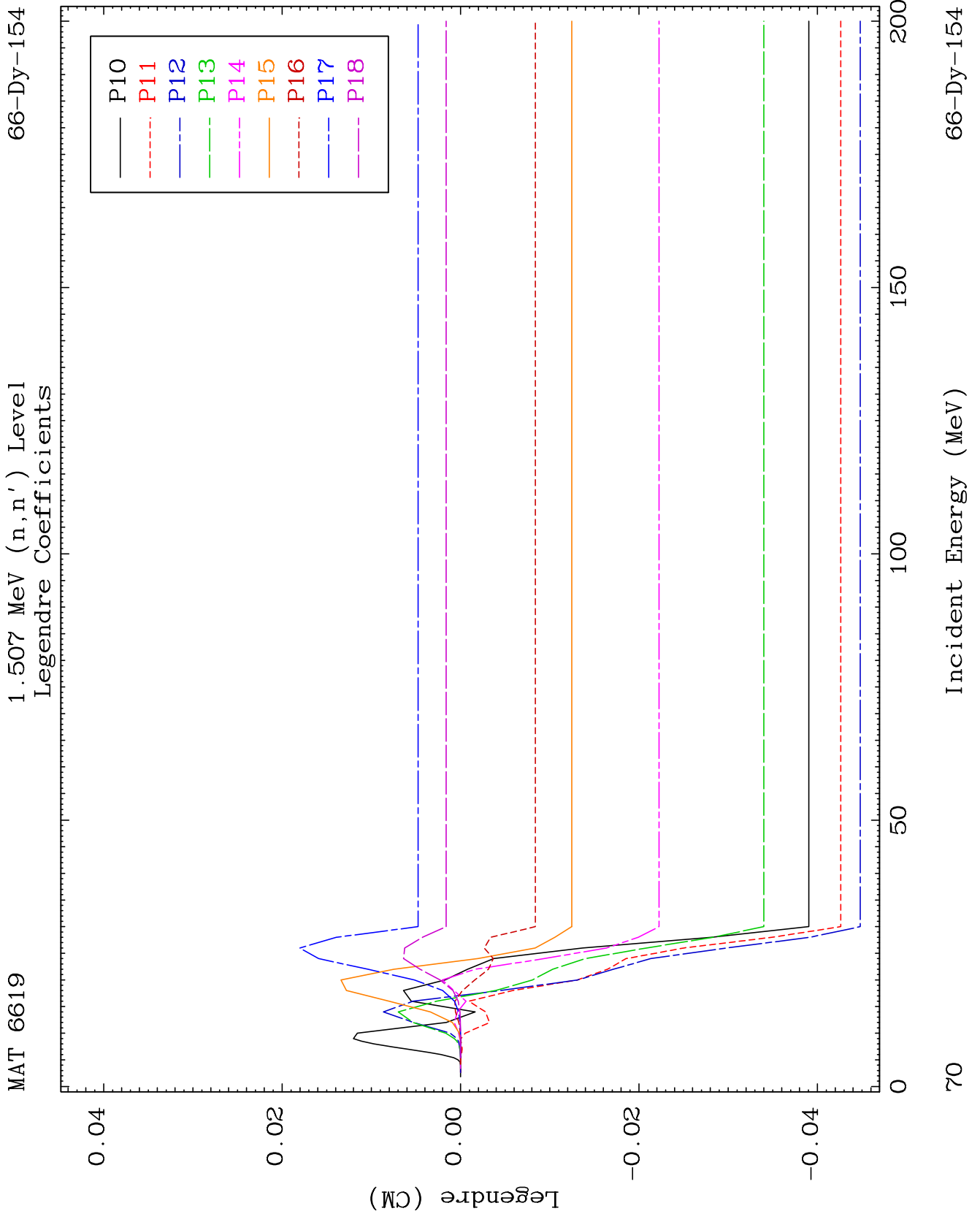
1.442 MeV (n,n') Level  
Legendre Coefficients

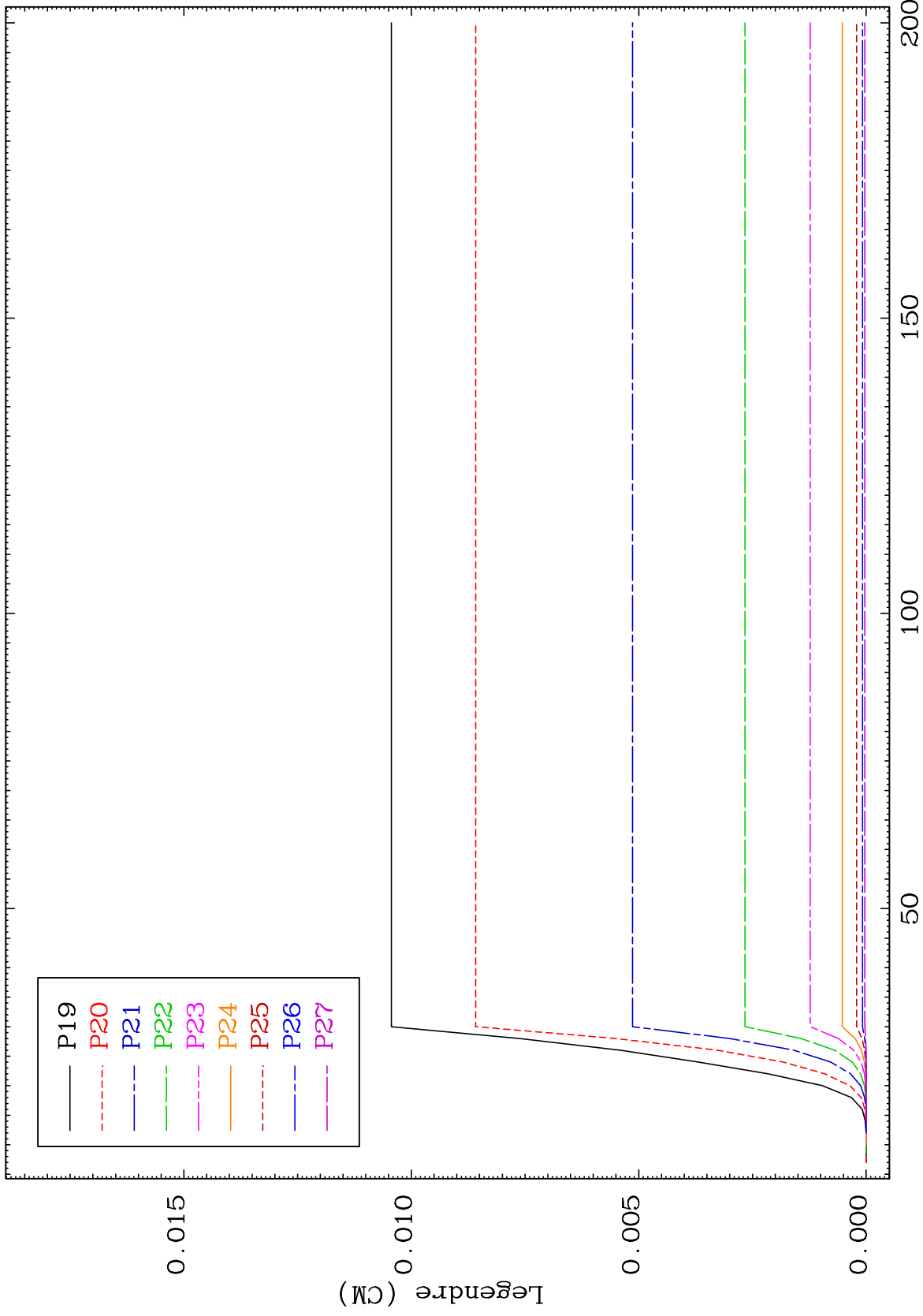
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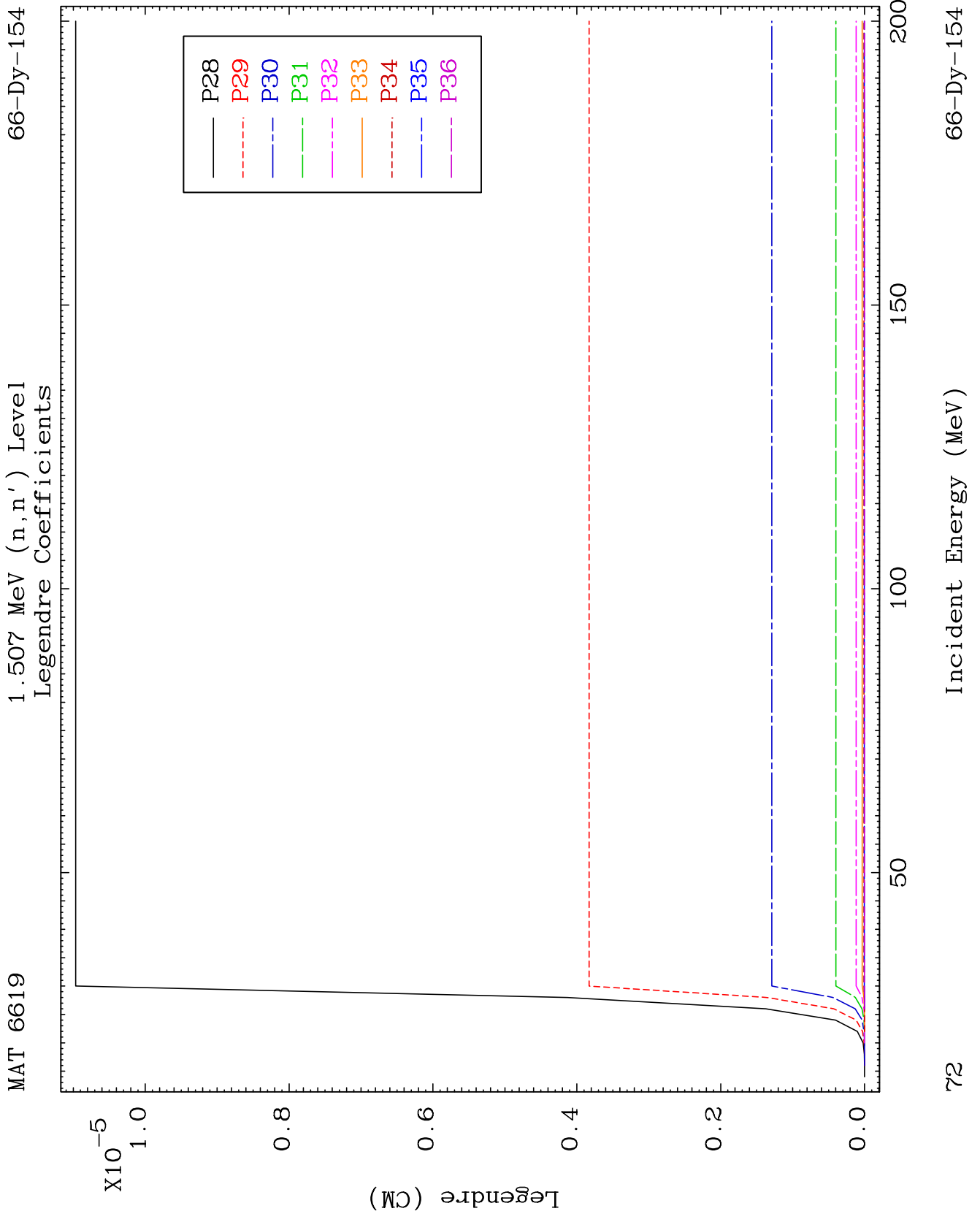
68





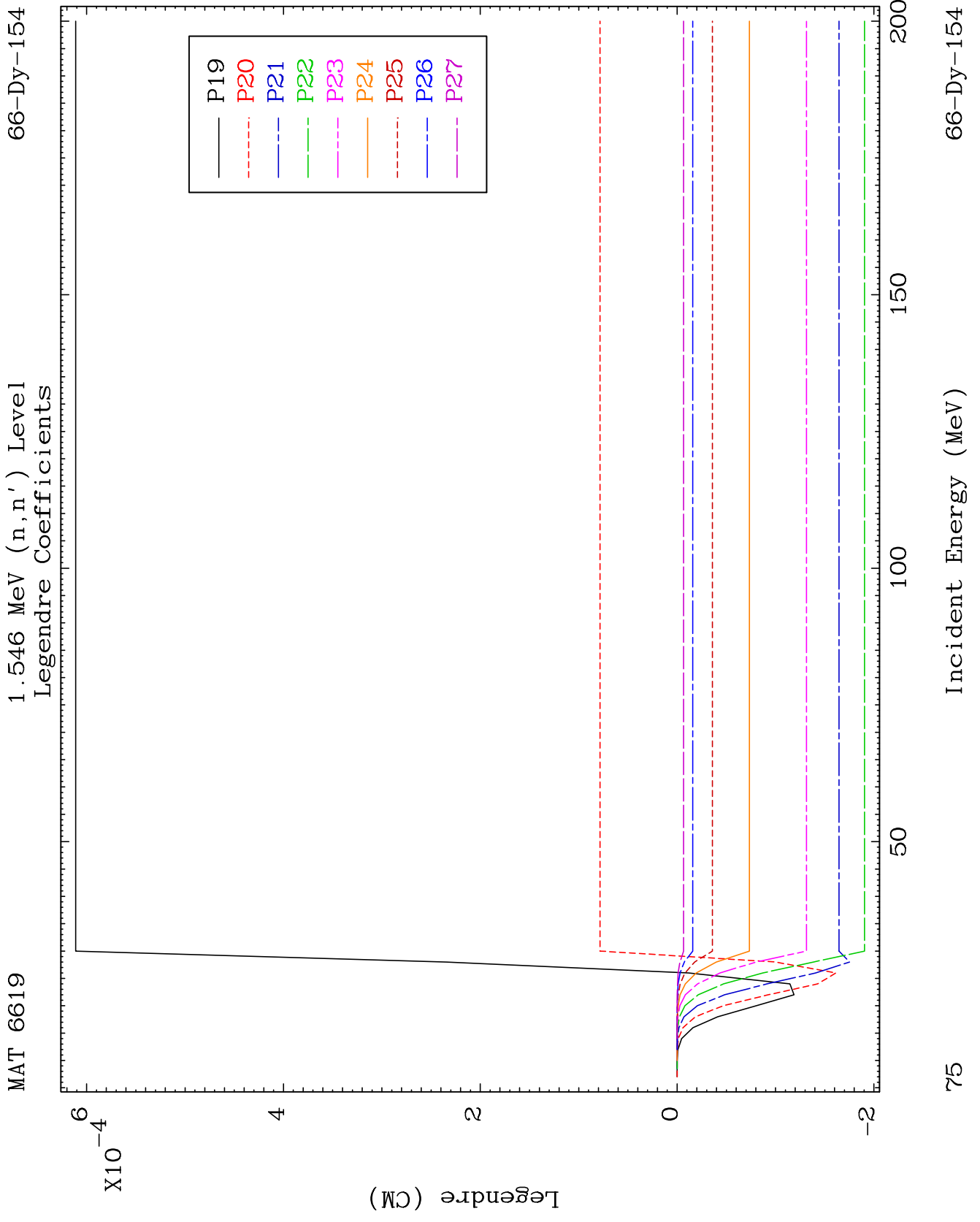


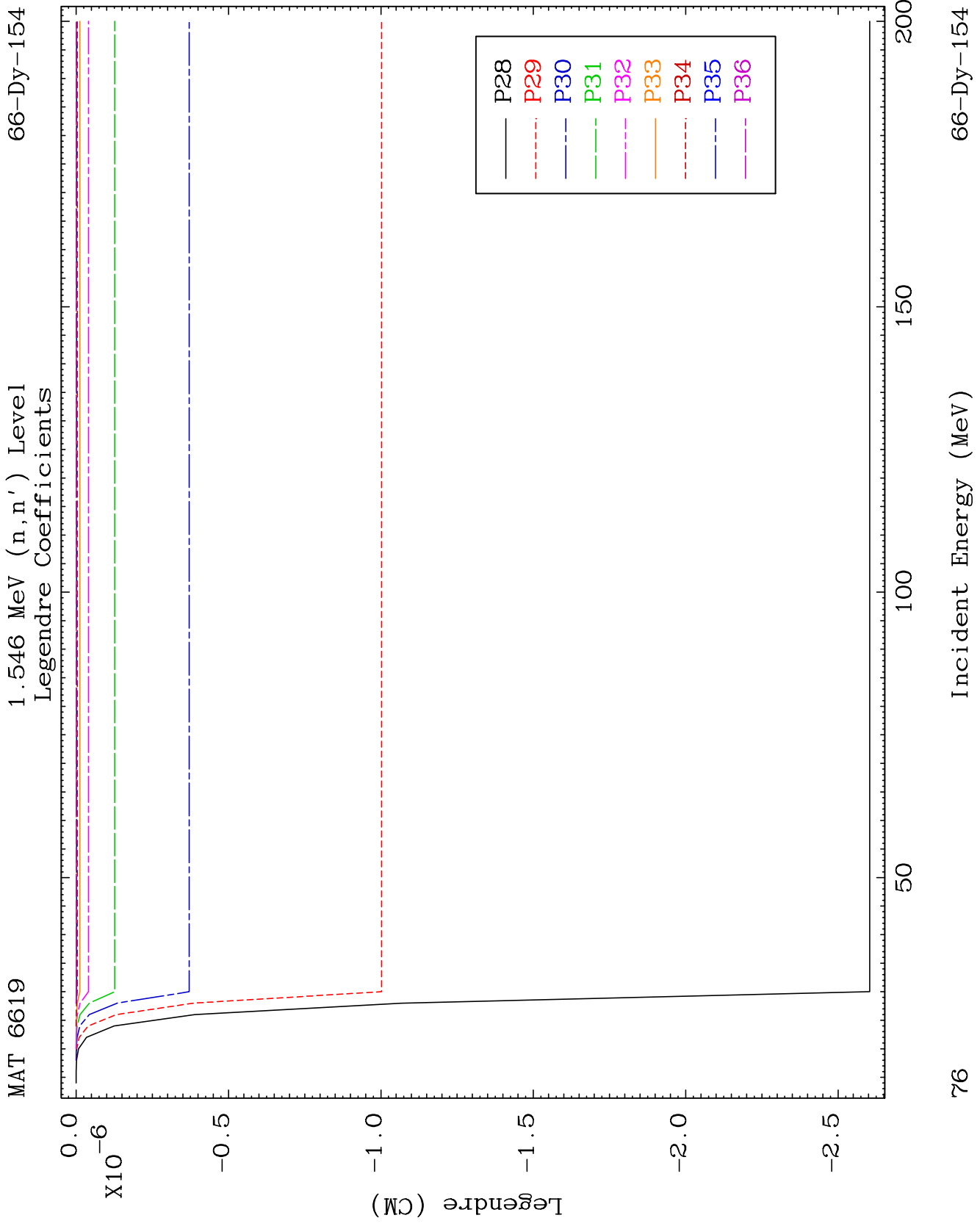










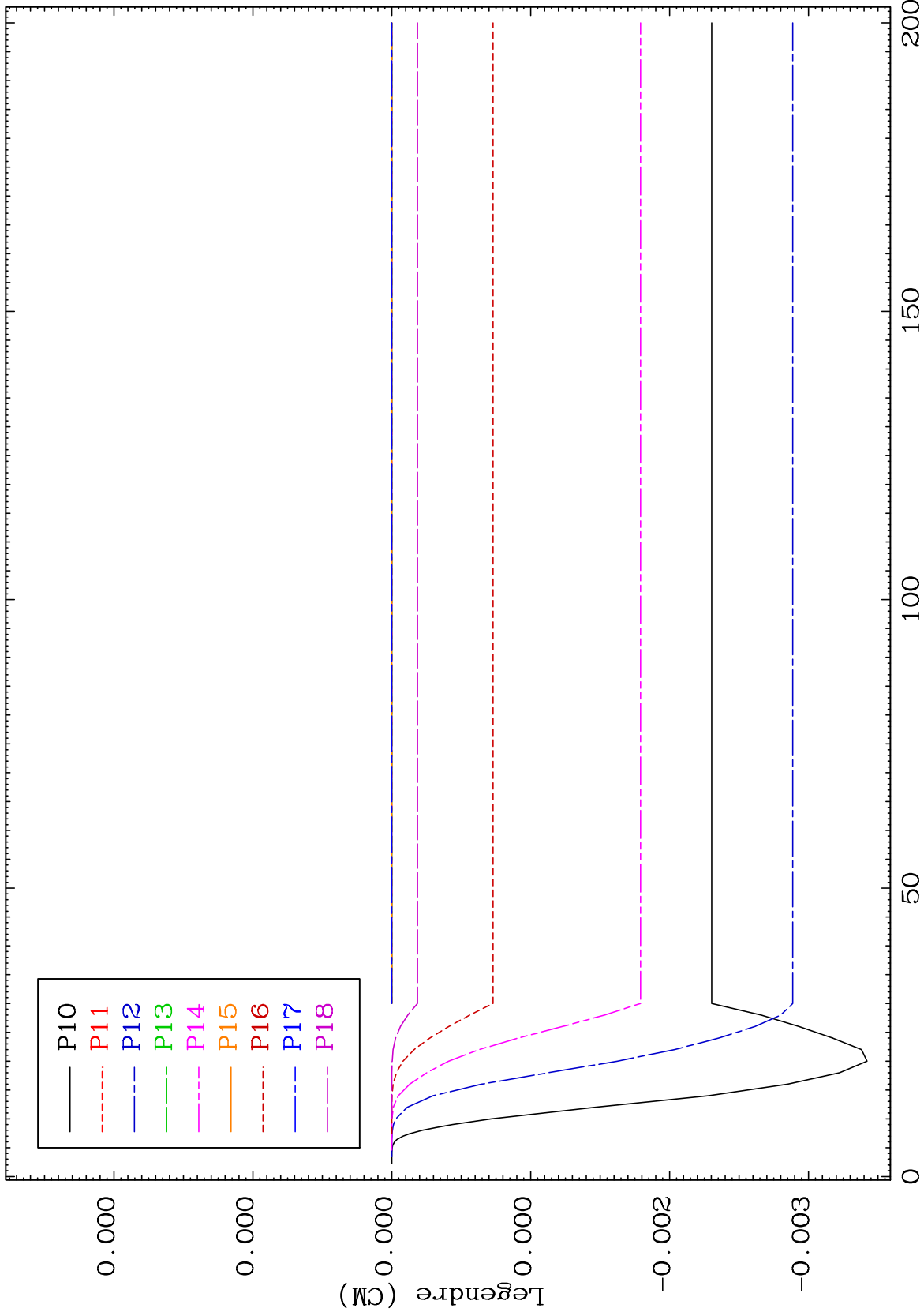




MAT 6619

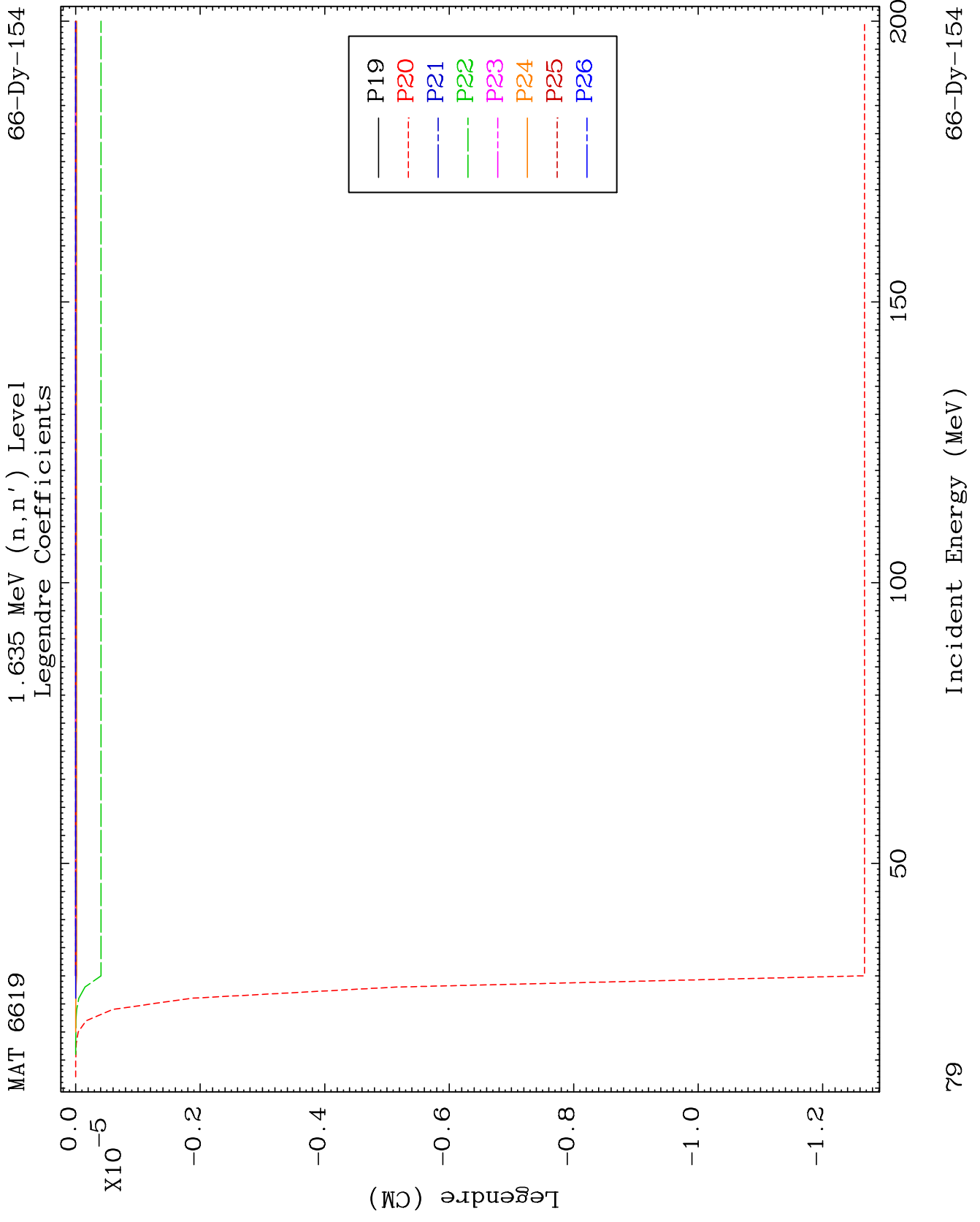
1.635 MeV (n,n') Level Legendre Coefficients

66-Dy-154

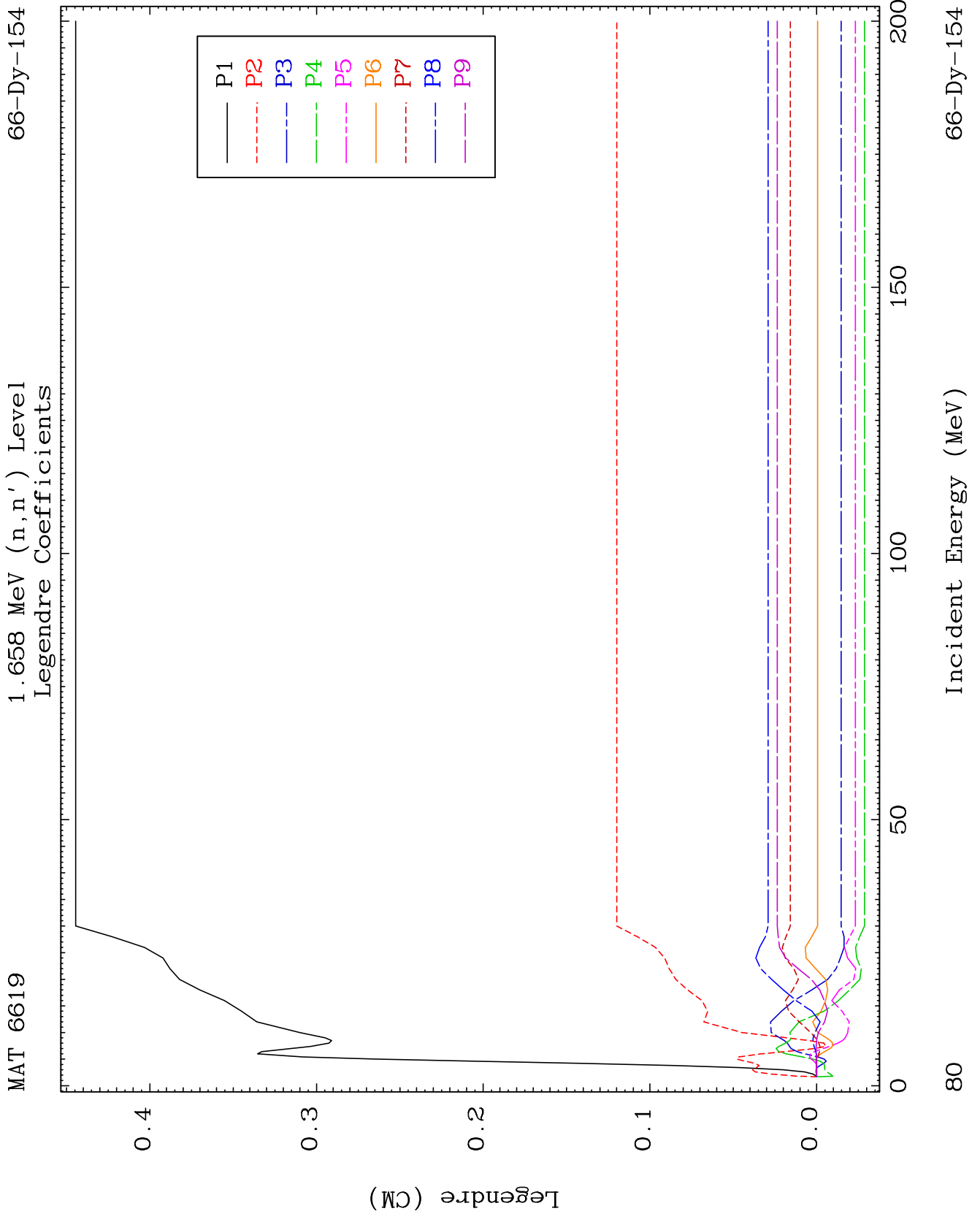


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66-Dy-154



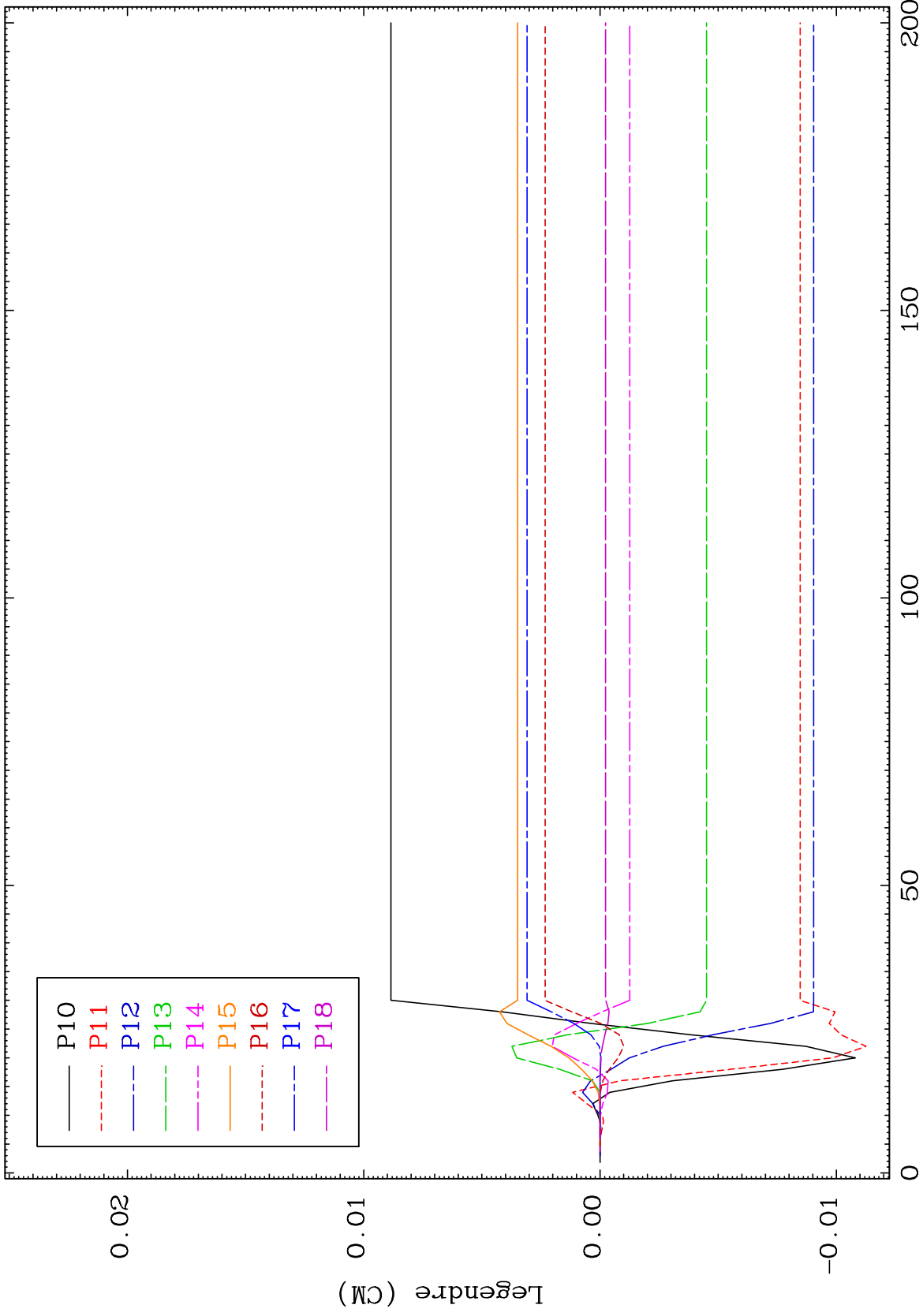




MAT 6619

1.658 MeV (n,n') Level  
Legendre Coefficients

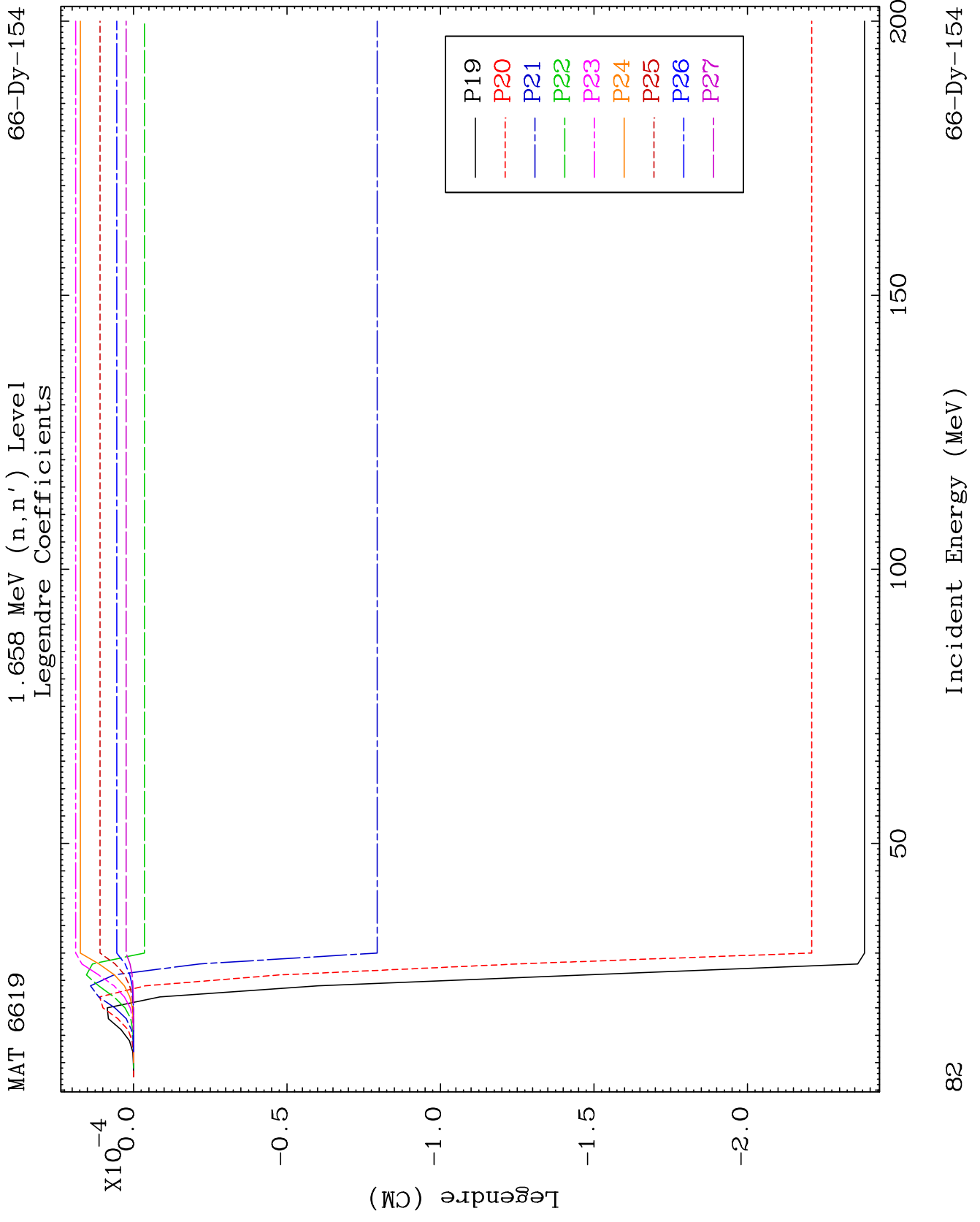
66-Dy-154



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Incident Energy (MeV)

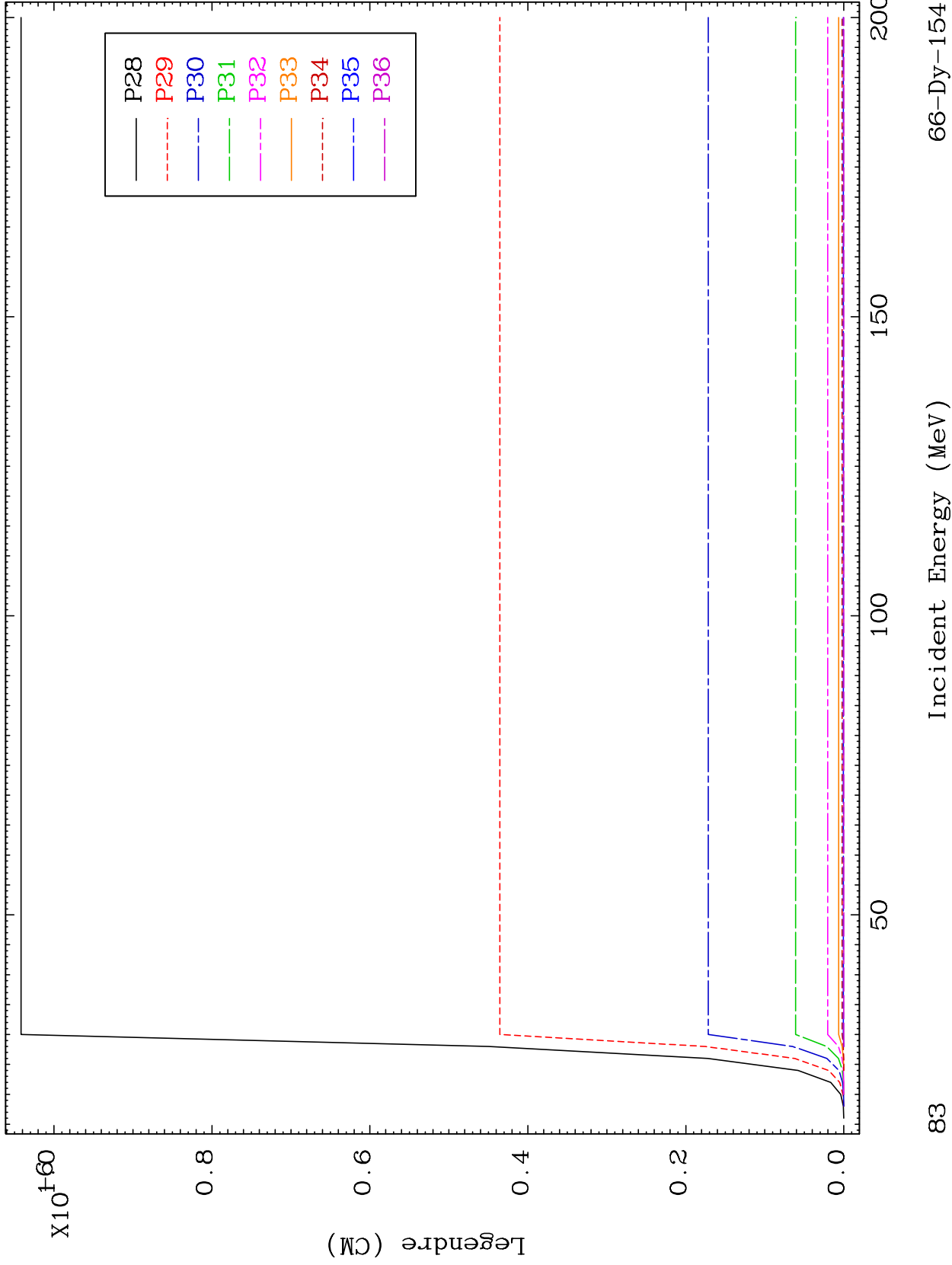
66-Dy-154



MAT 6619

1.658 MeV (n,n') Level  
Legendre Coefficients

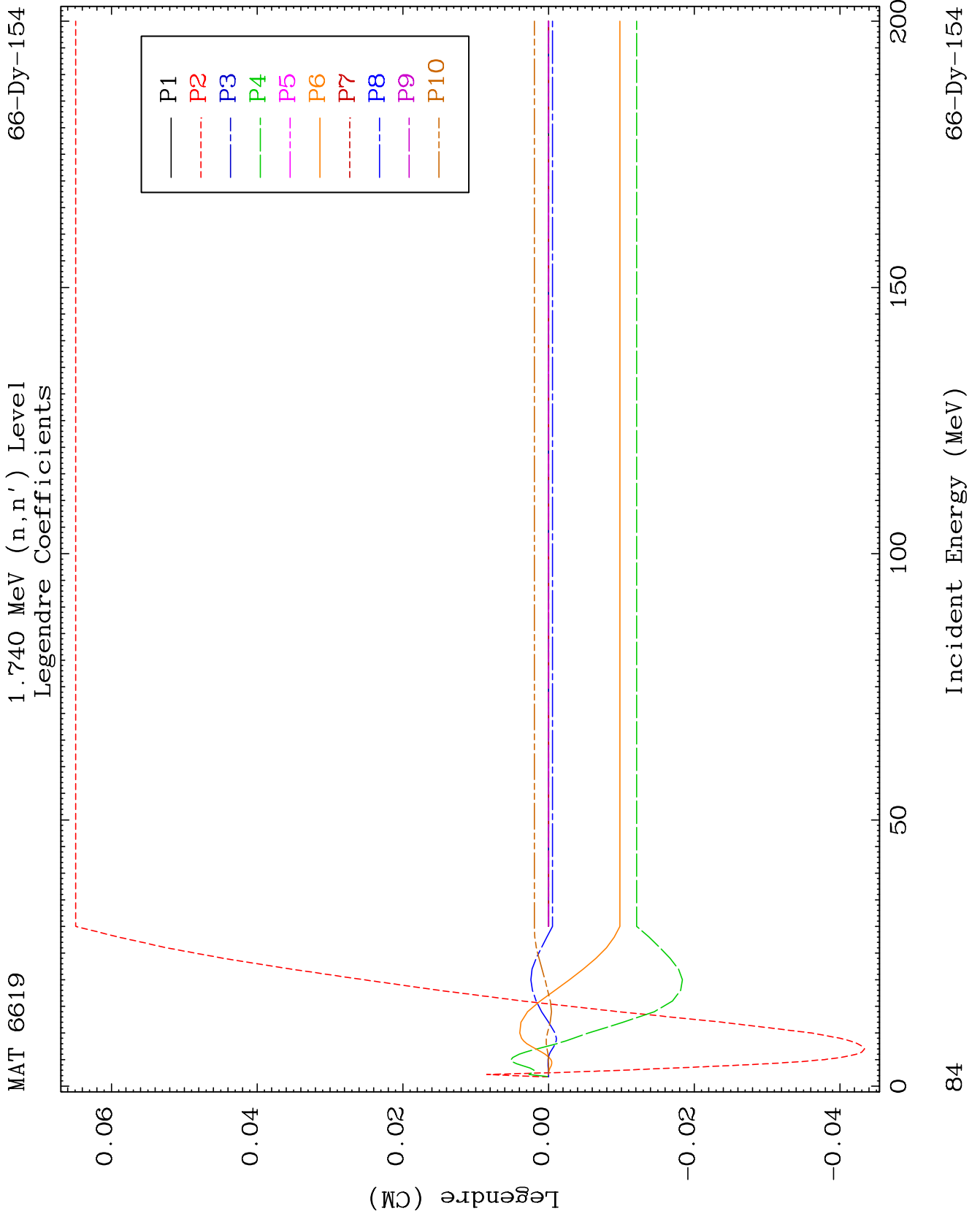
66-Dy-154

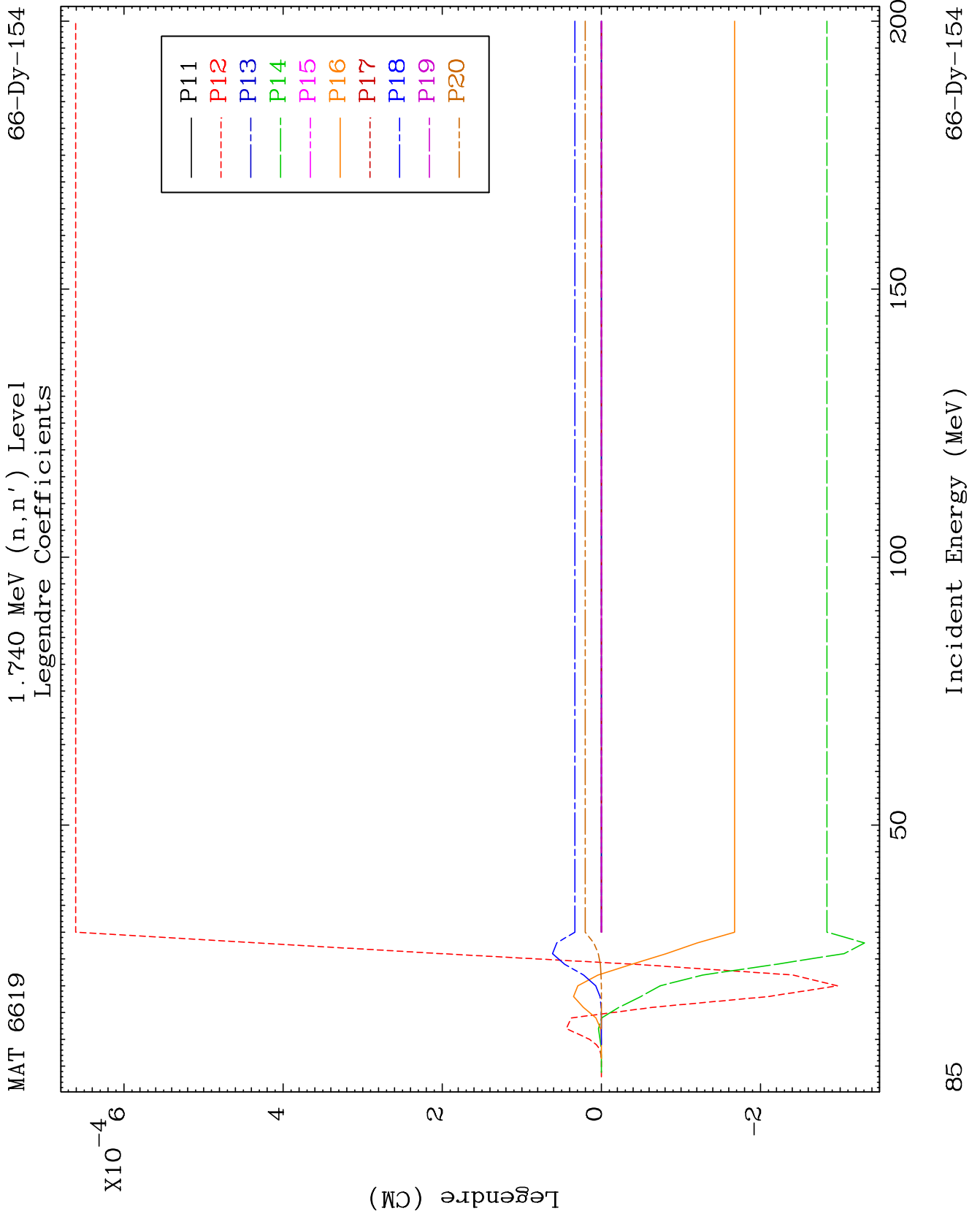


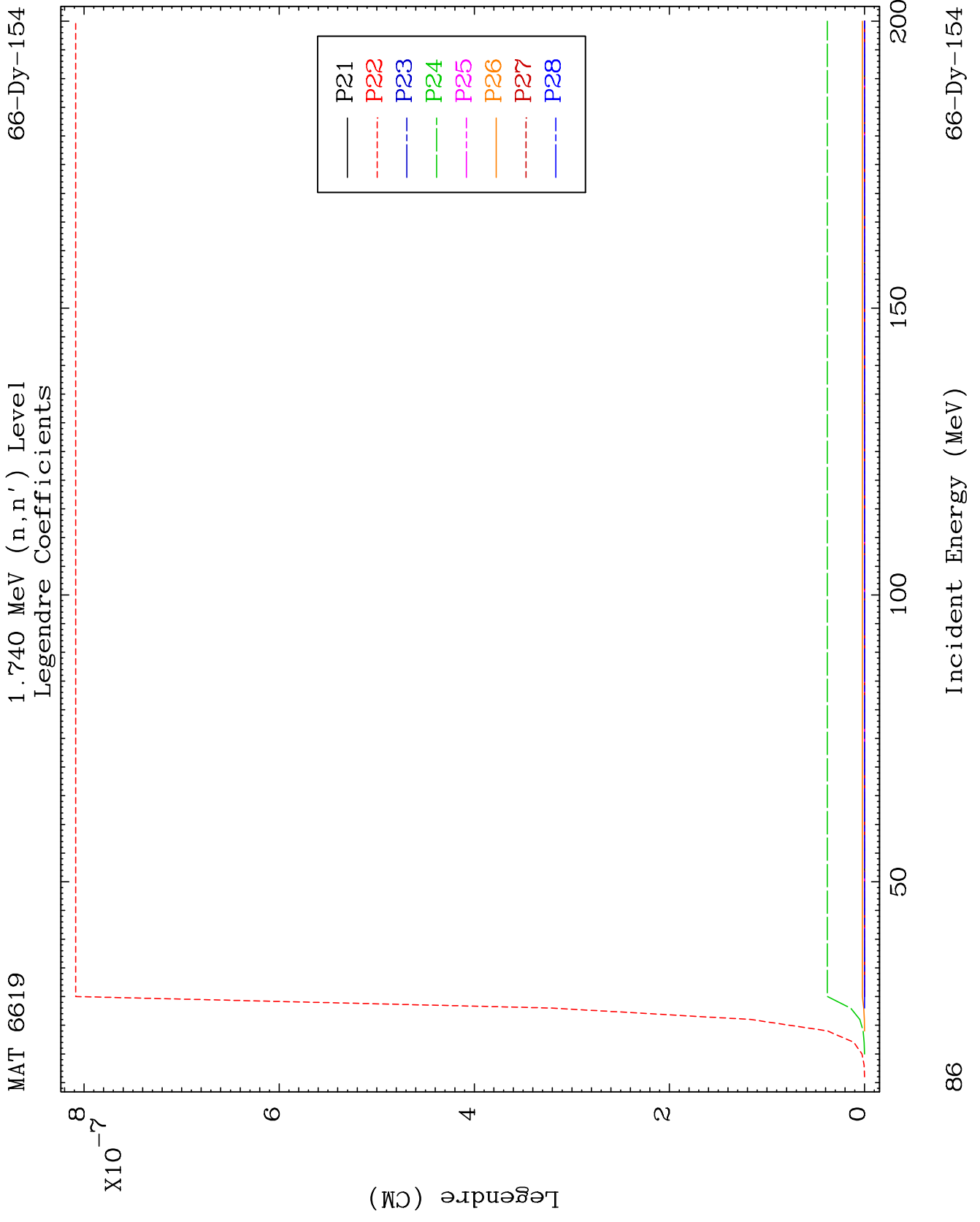
83

Incident Energy (MeV)

66-Dy-154



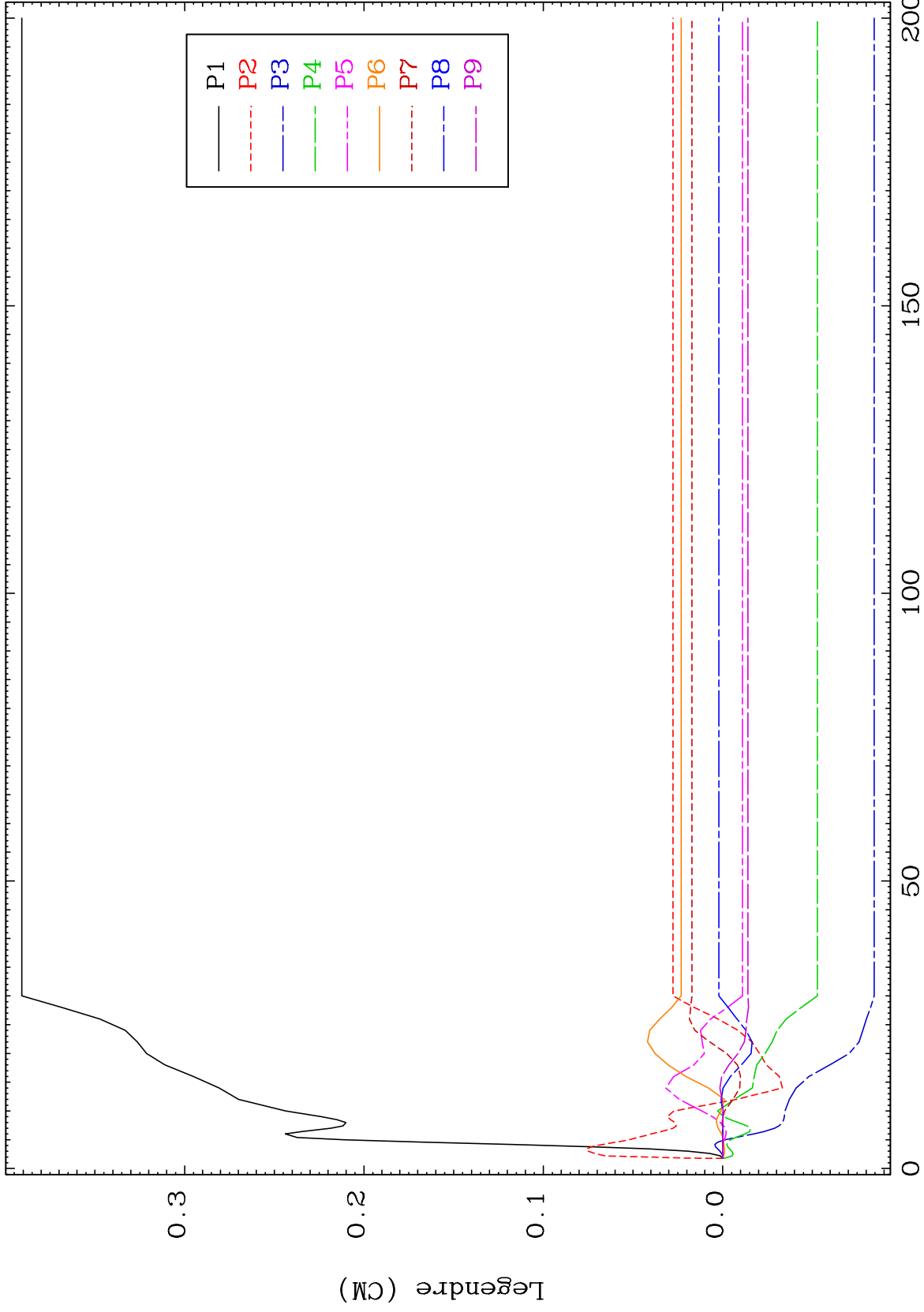




MAT 6619

1.747 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154



87

Incident Energy (MeV)

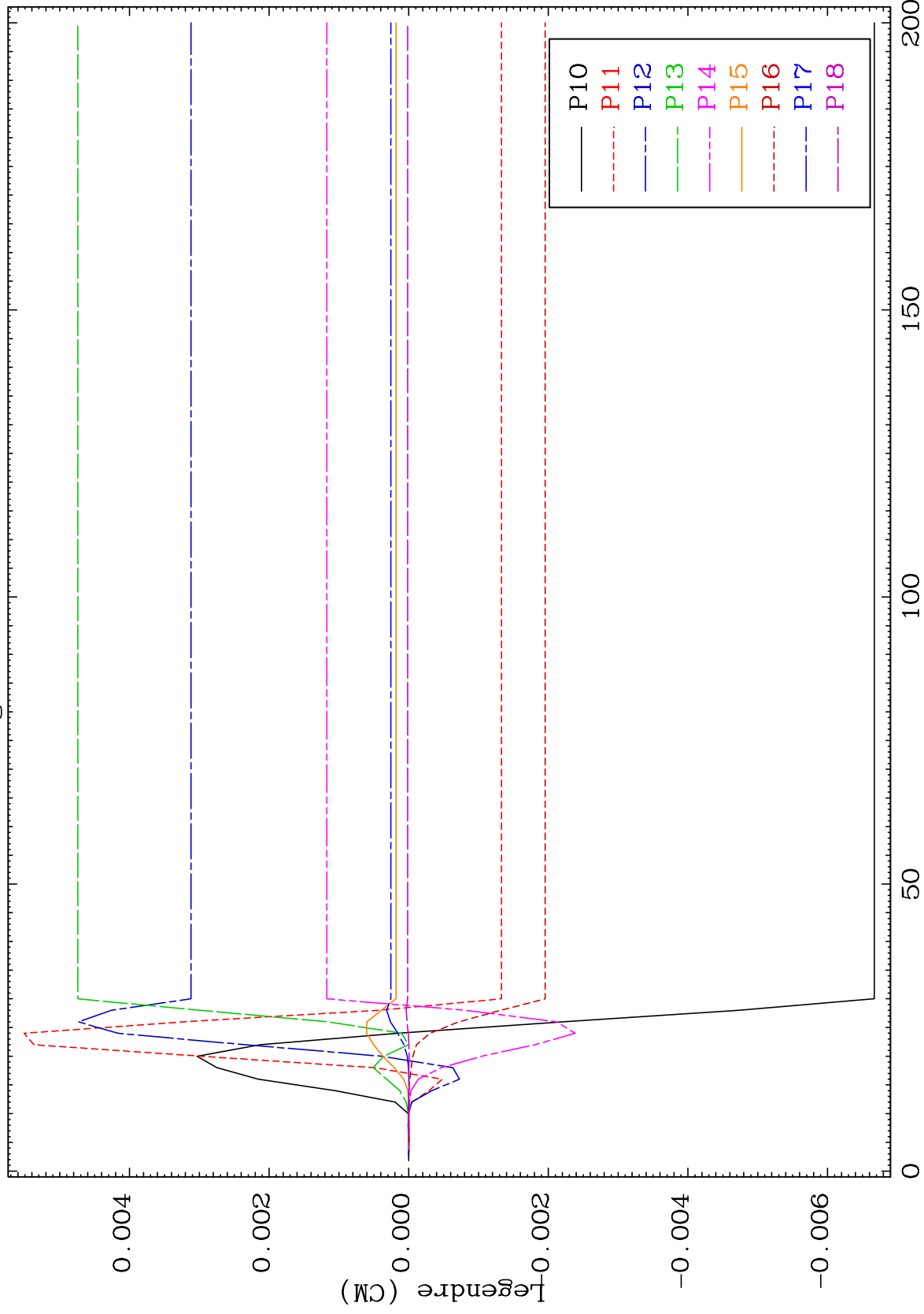
66-Dy-154



MAT 6619

1.747 MeV (n,n') Level  
Legendre Coefficients

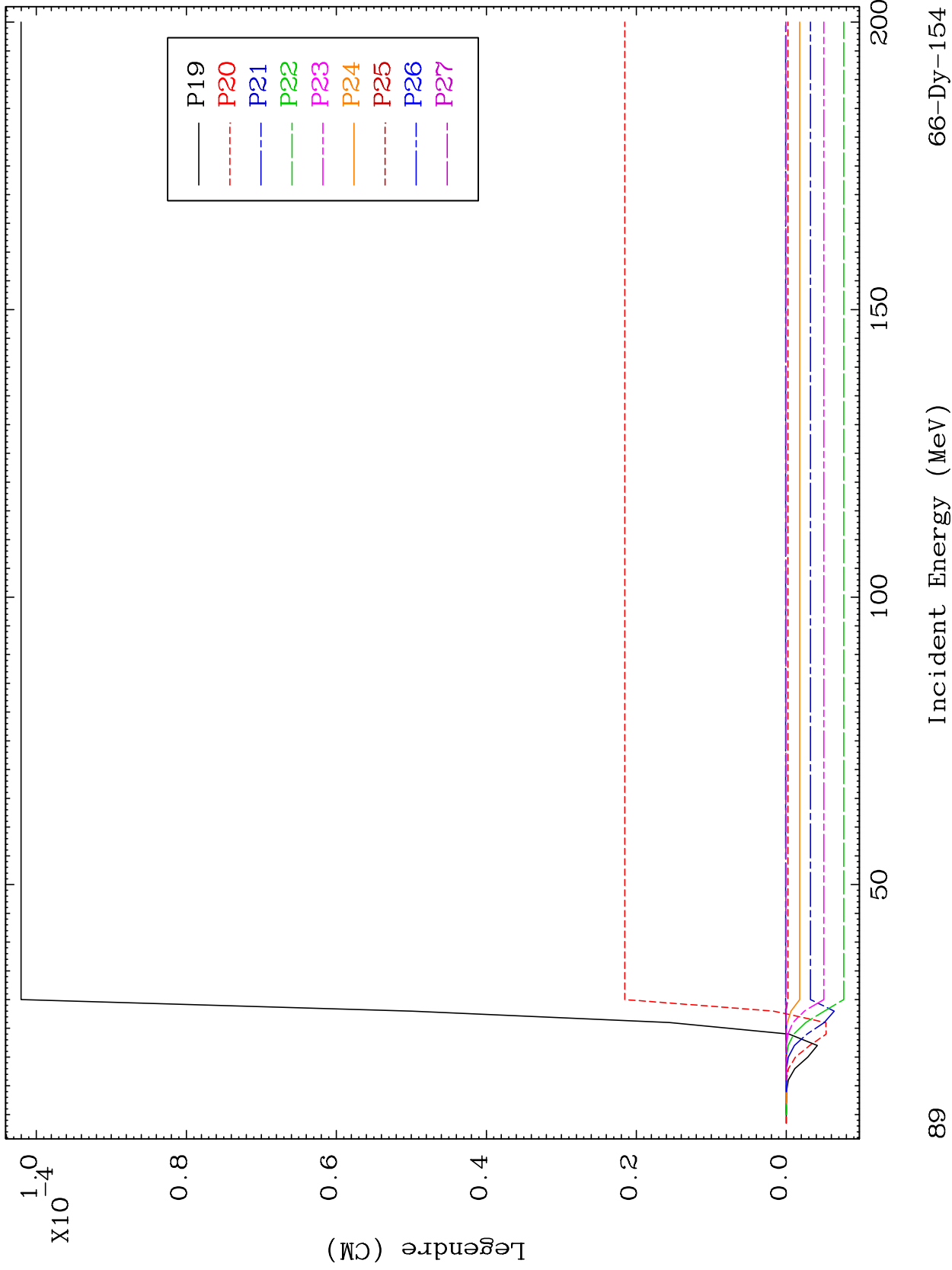
66-Dy-154



88

Incident Energy (MeV)

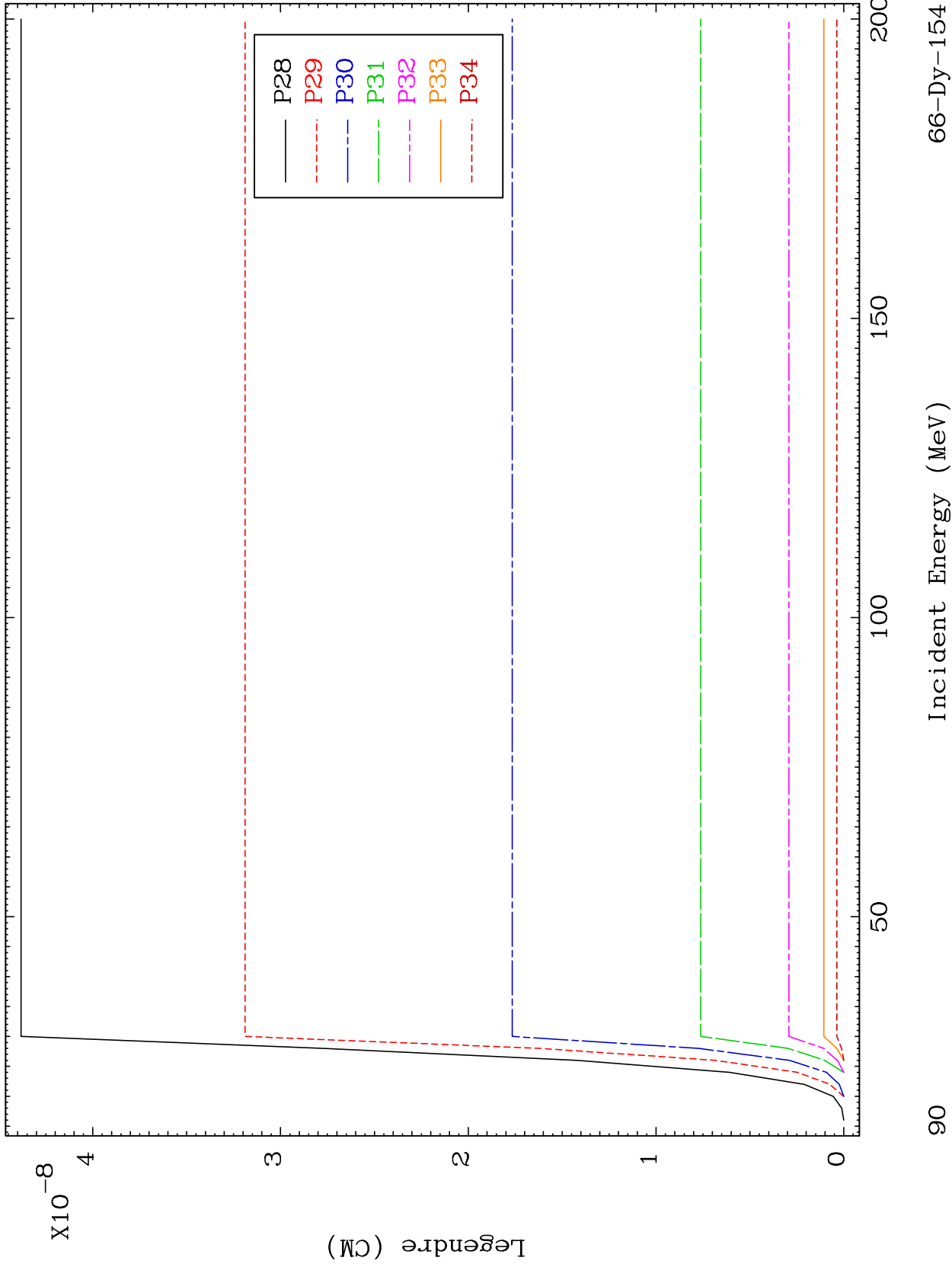
66-Dy-154



MAT 6619

1.747 MeV (n,n') Level  
Legendre Coefficients

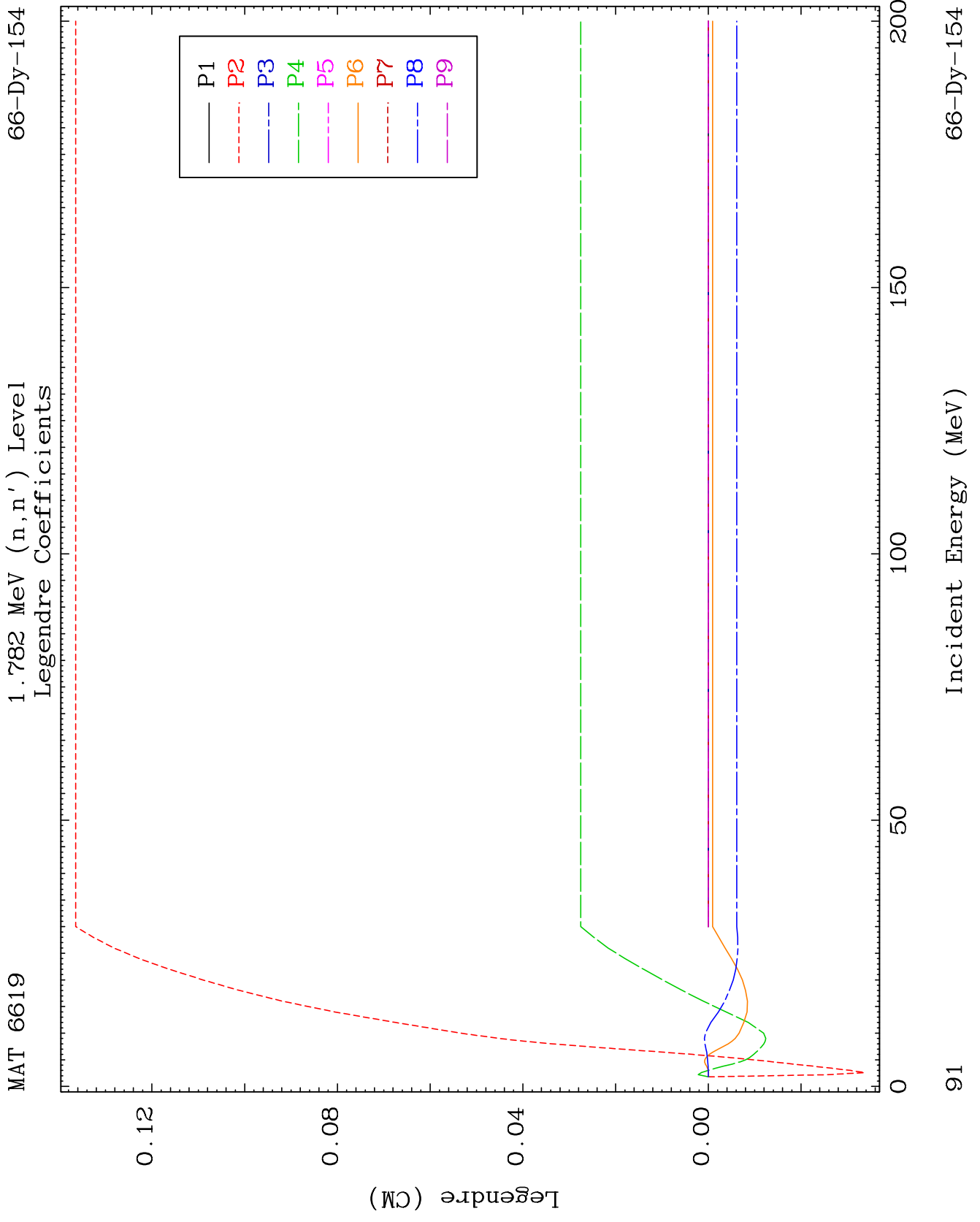
66-Dy-154



66-Dy-154

Incident Energy (MeV)

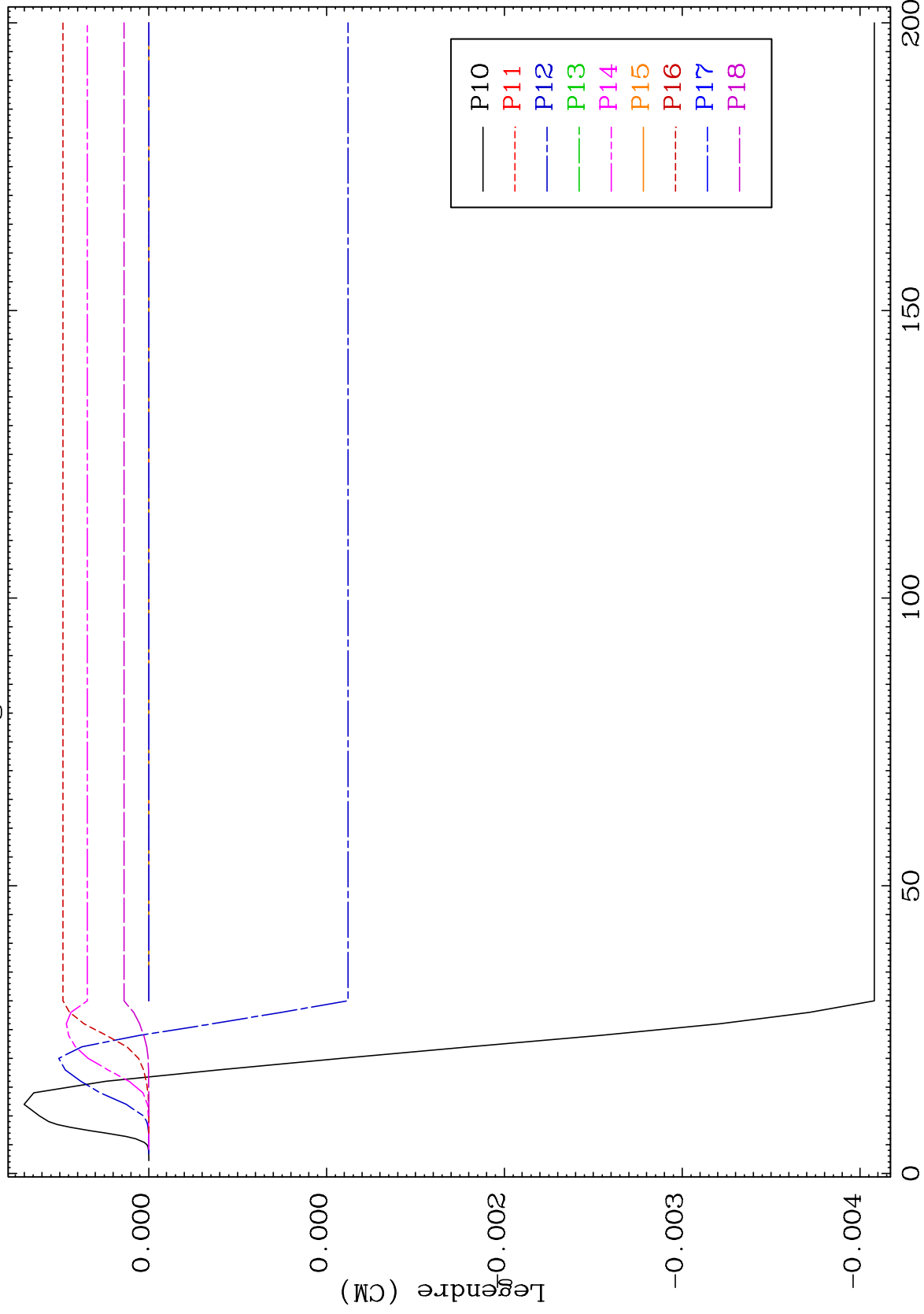
90



MAT 6619

1.782 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154

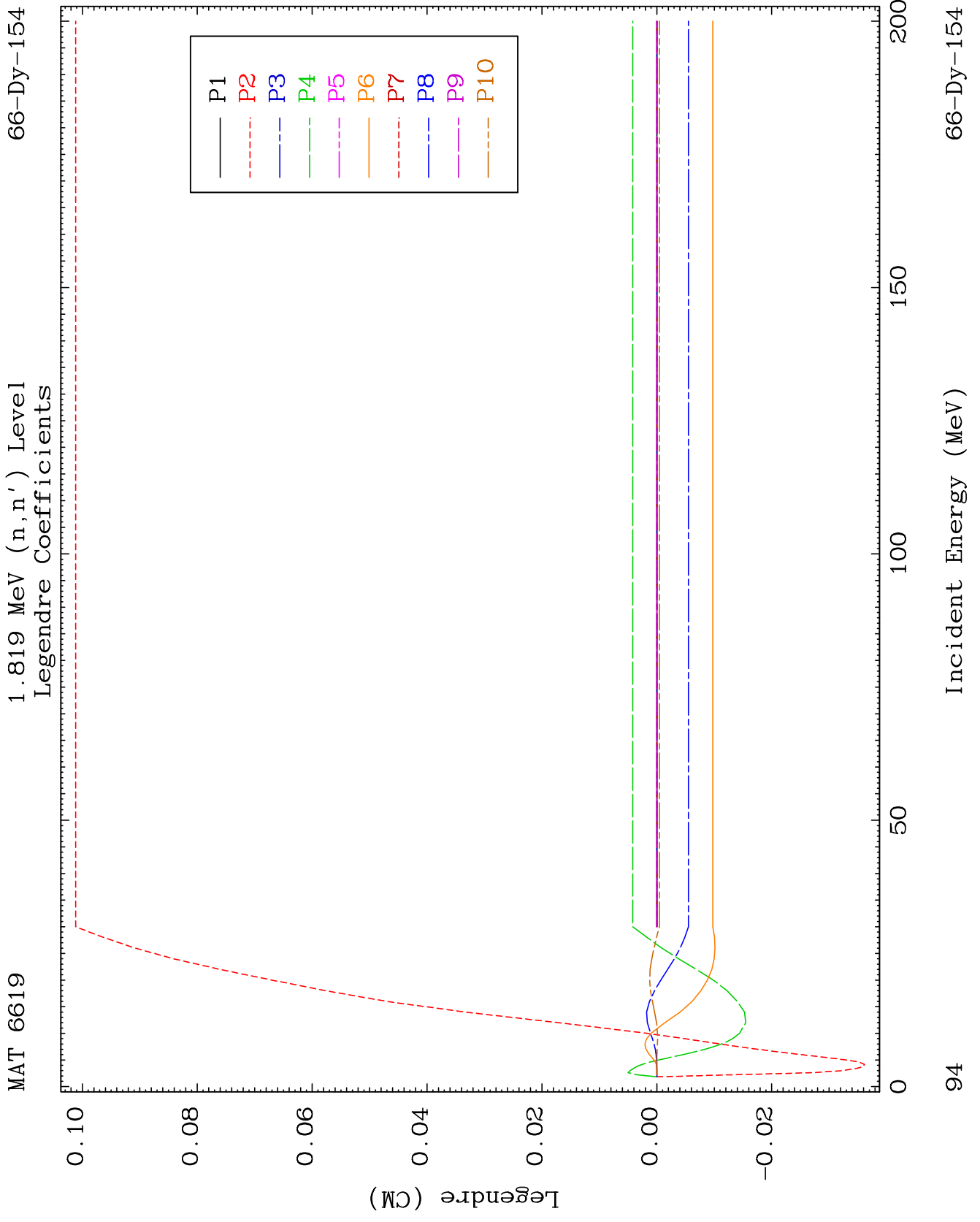


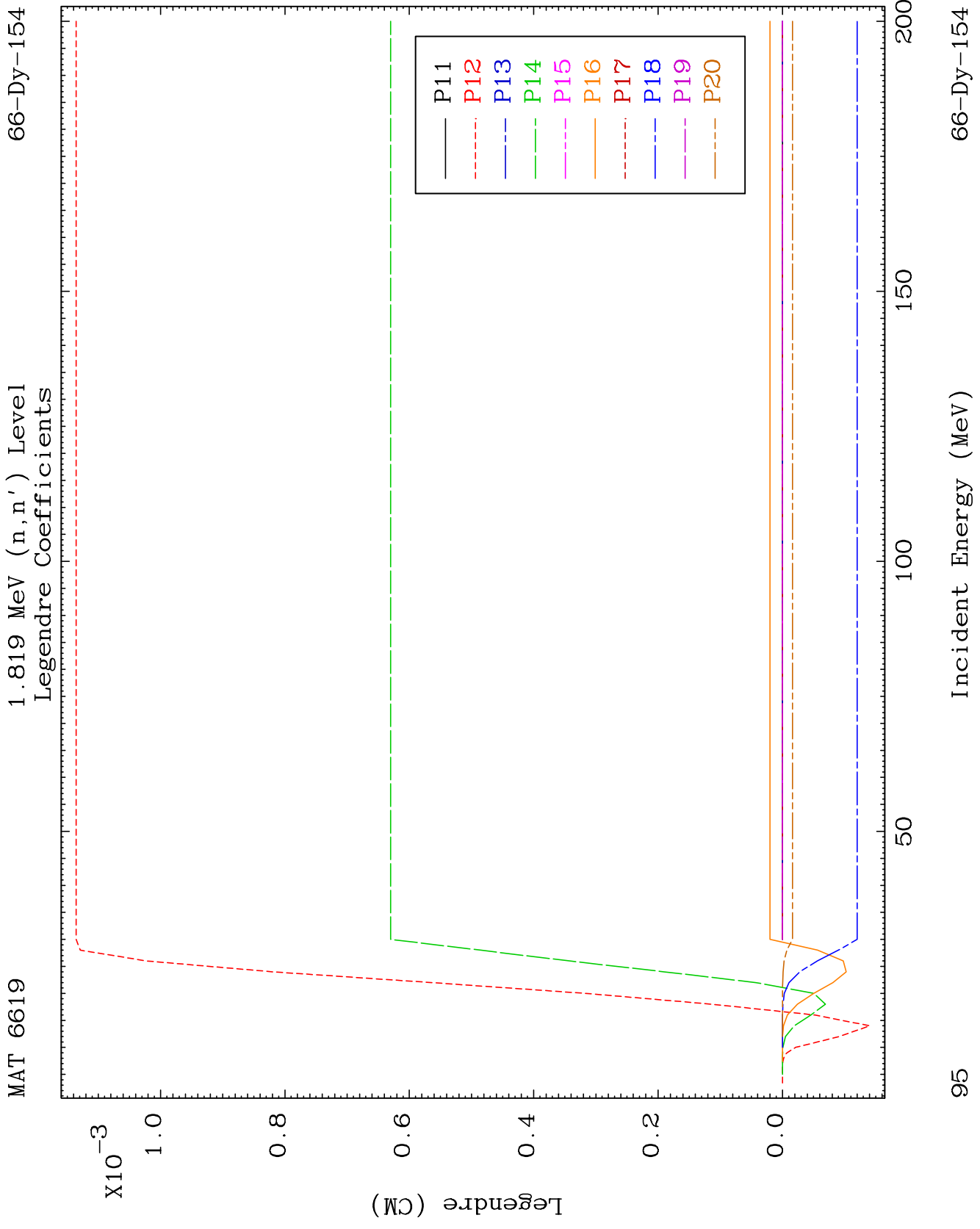
92

Incident Energy (MeV)

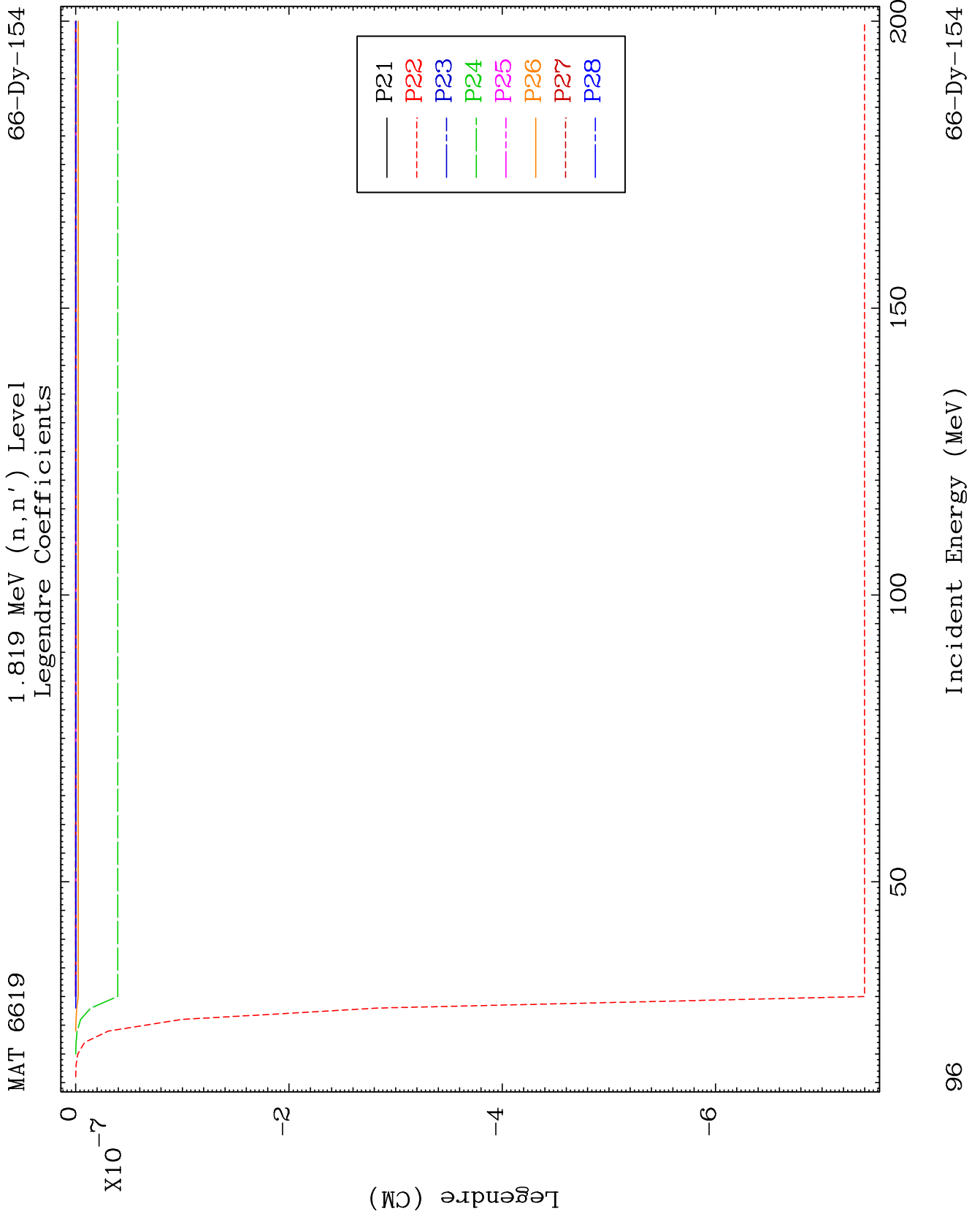
66-Dy-154

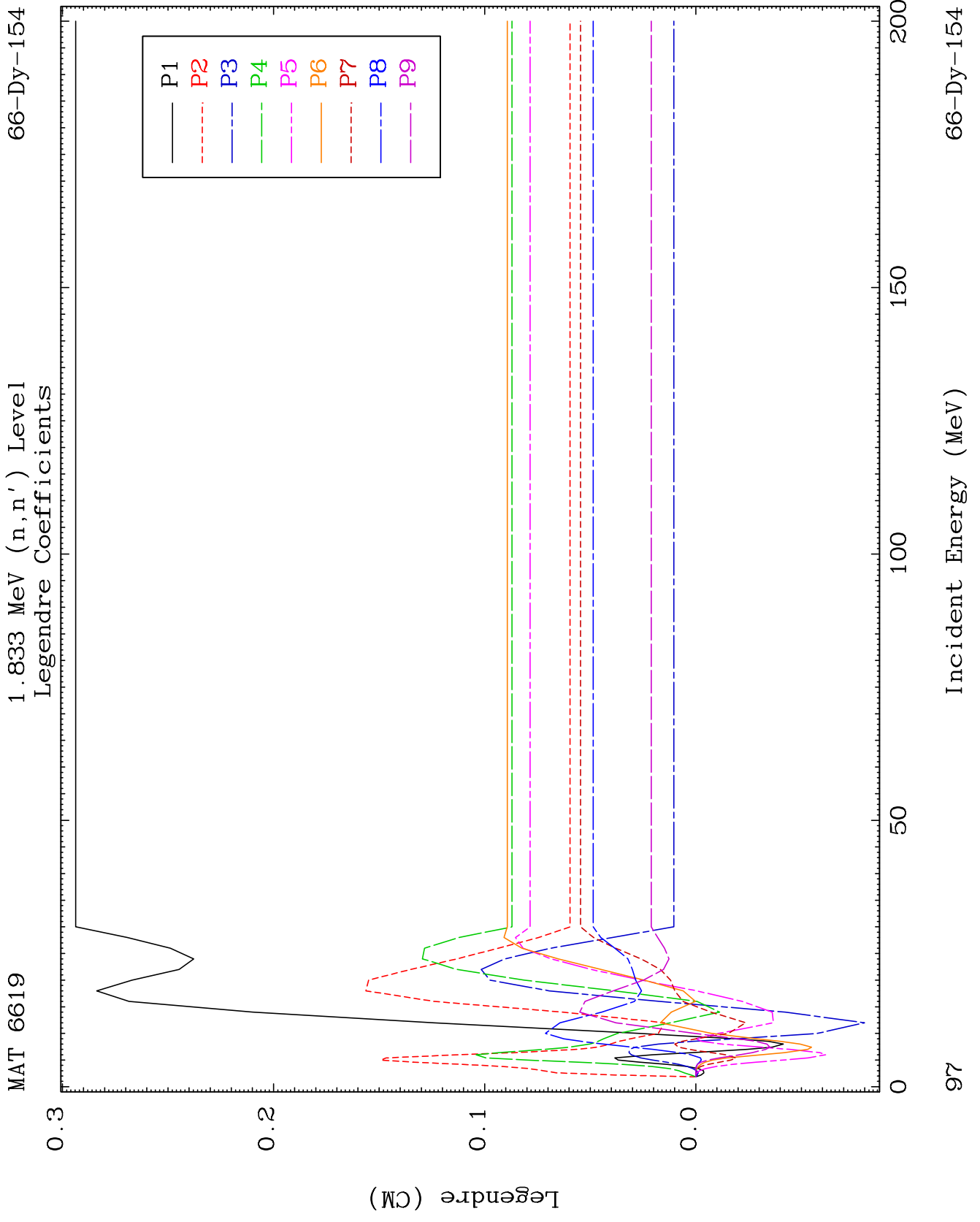








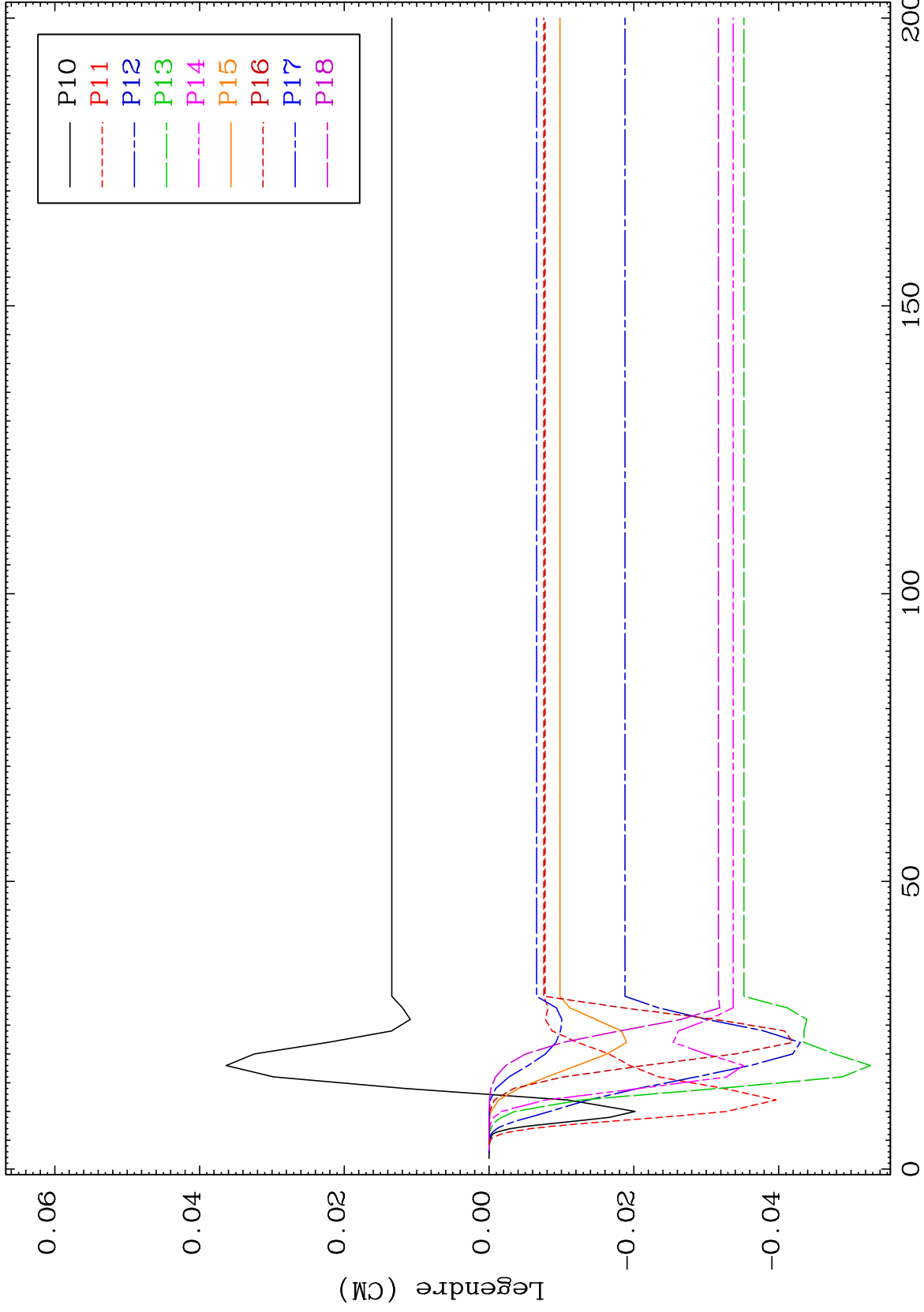




MAT 6619

1.833 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154



98

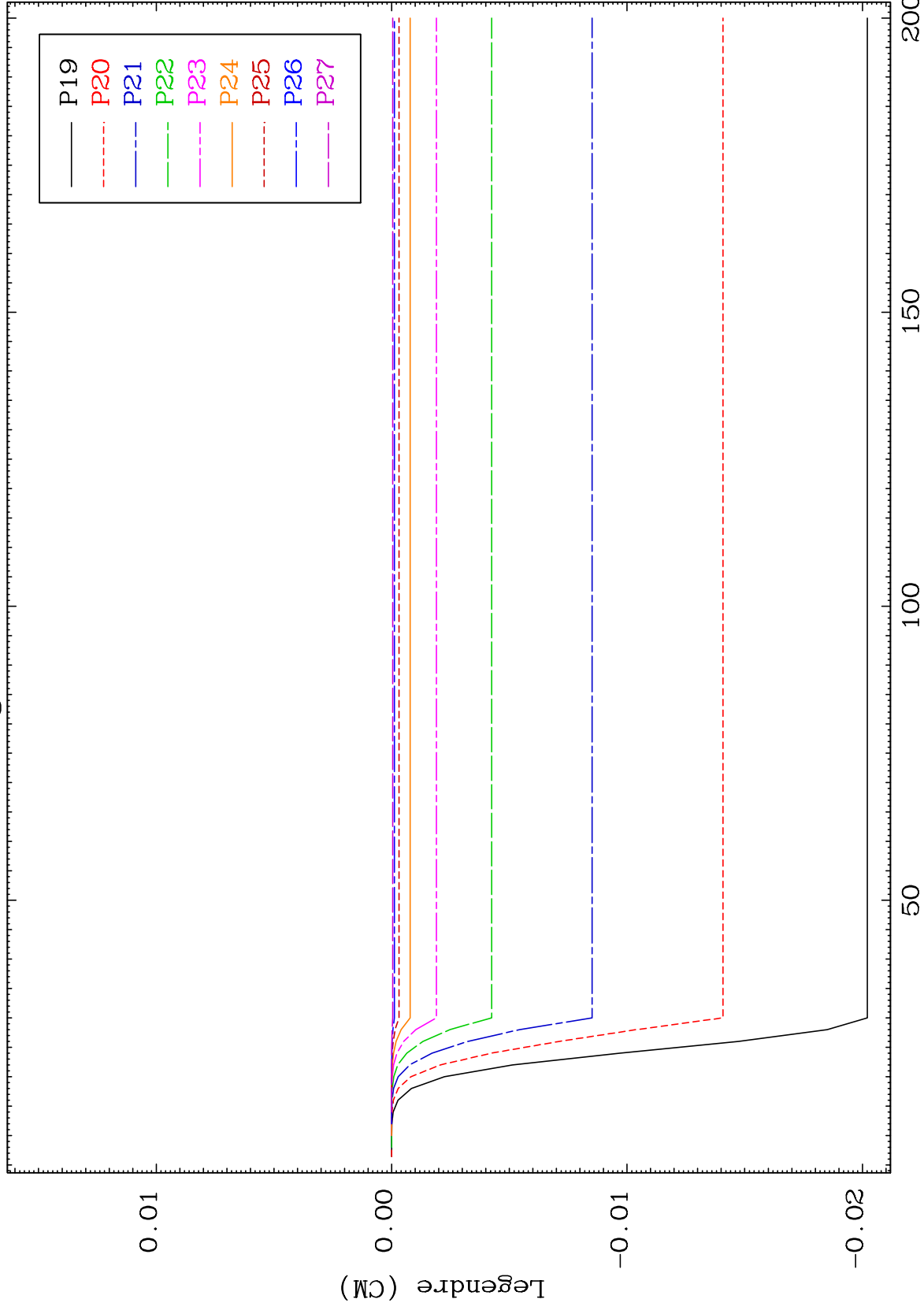
Incident Energy (MeV)

66-Dy-154

MAT 6619

1.833 MeV (n,n') Level  
Legendre Coefficients

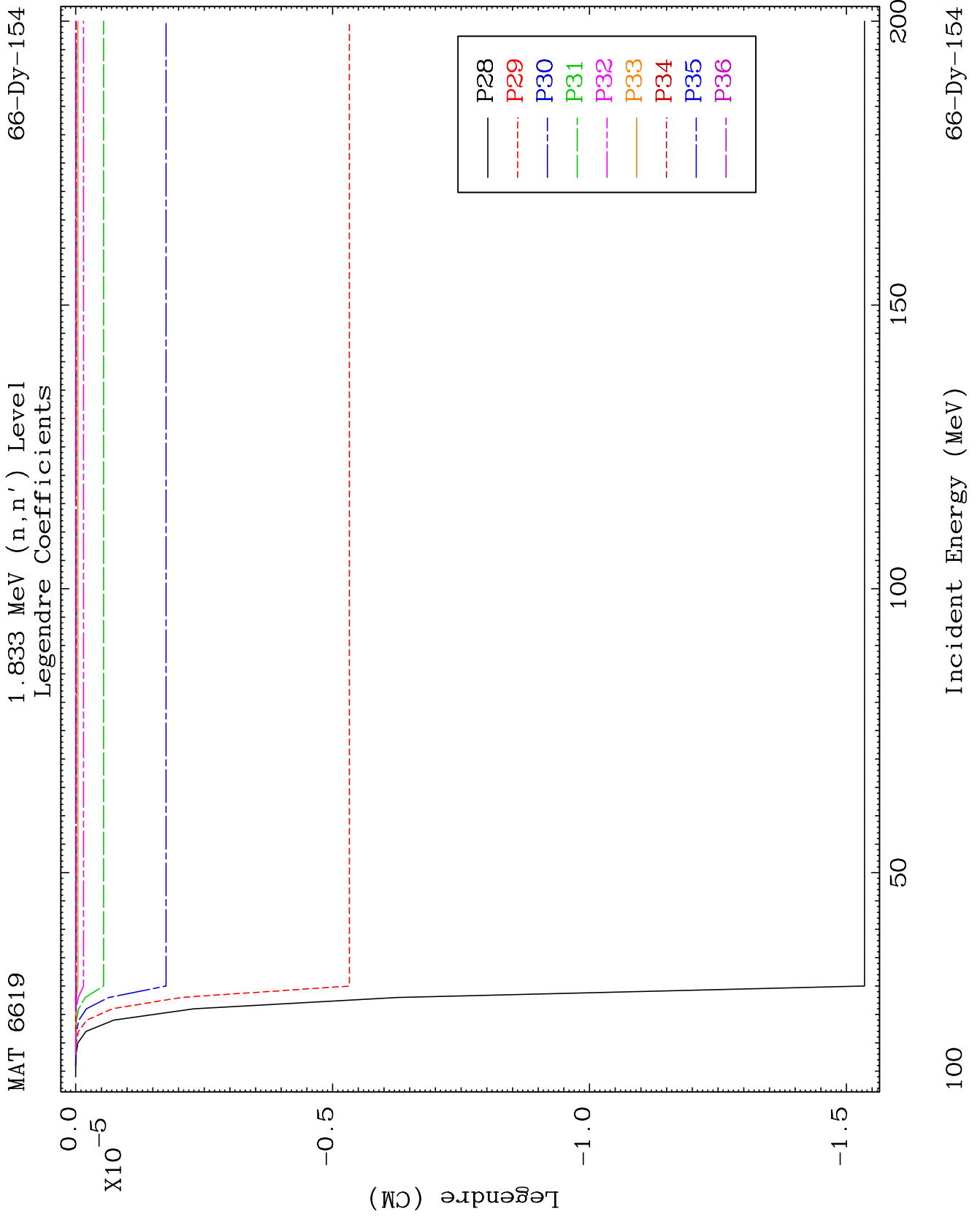
66-Dy-154



99

Incident Energy (MeV)

66-Dy-154

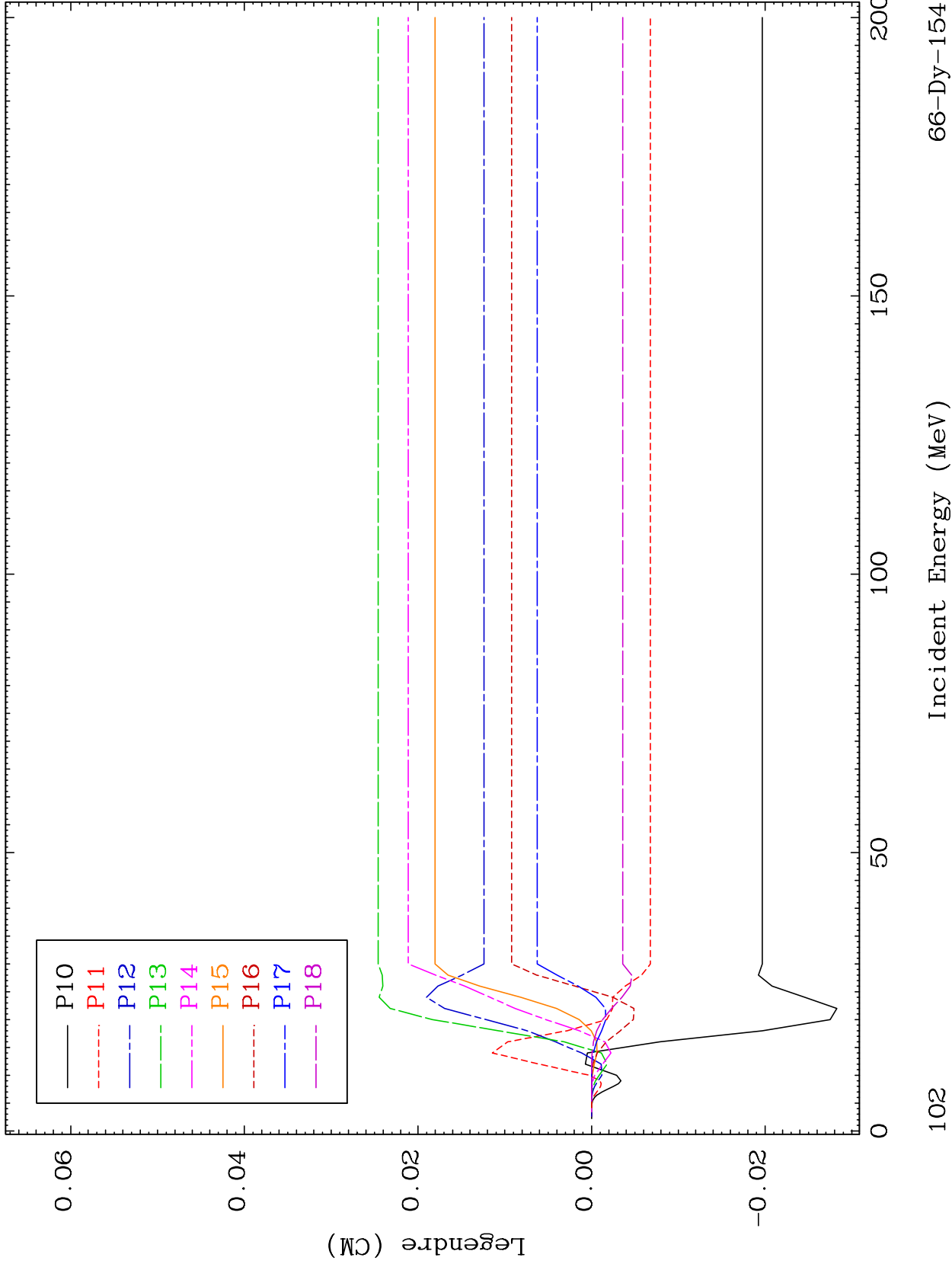




MAT 6619

1.845 MeV (n, n') Level  
Legendre Coefficients

66-Dy-154



102

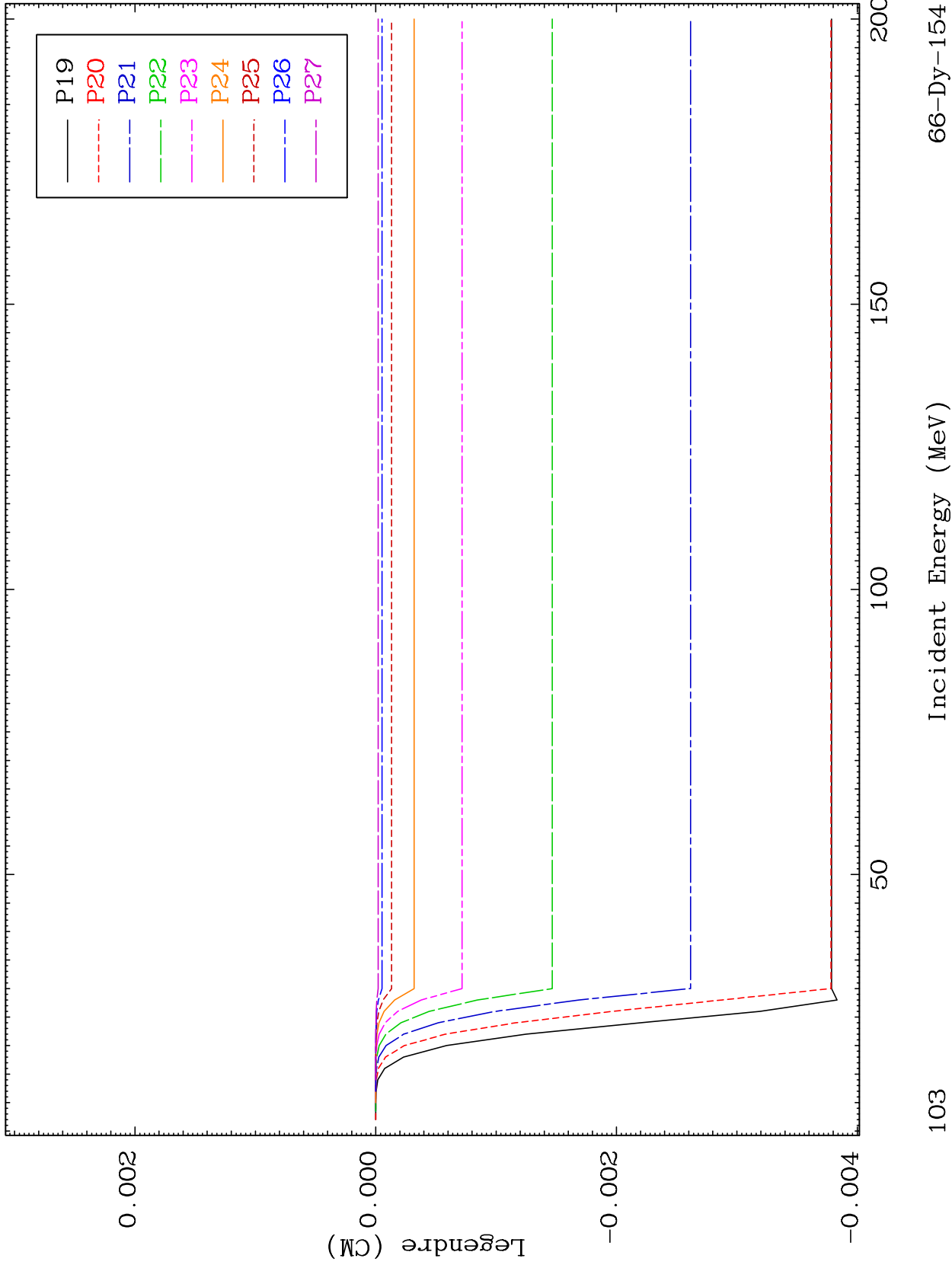
Incident Energy (MeV)

66-Dy-154

MAT 6619

1.845 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154

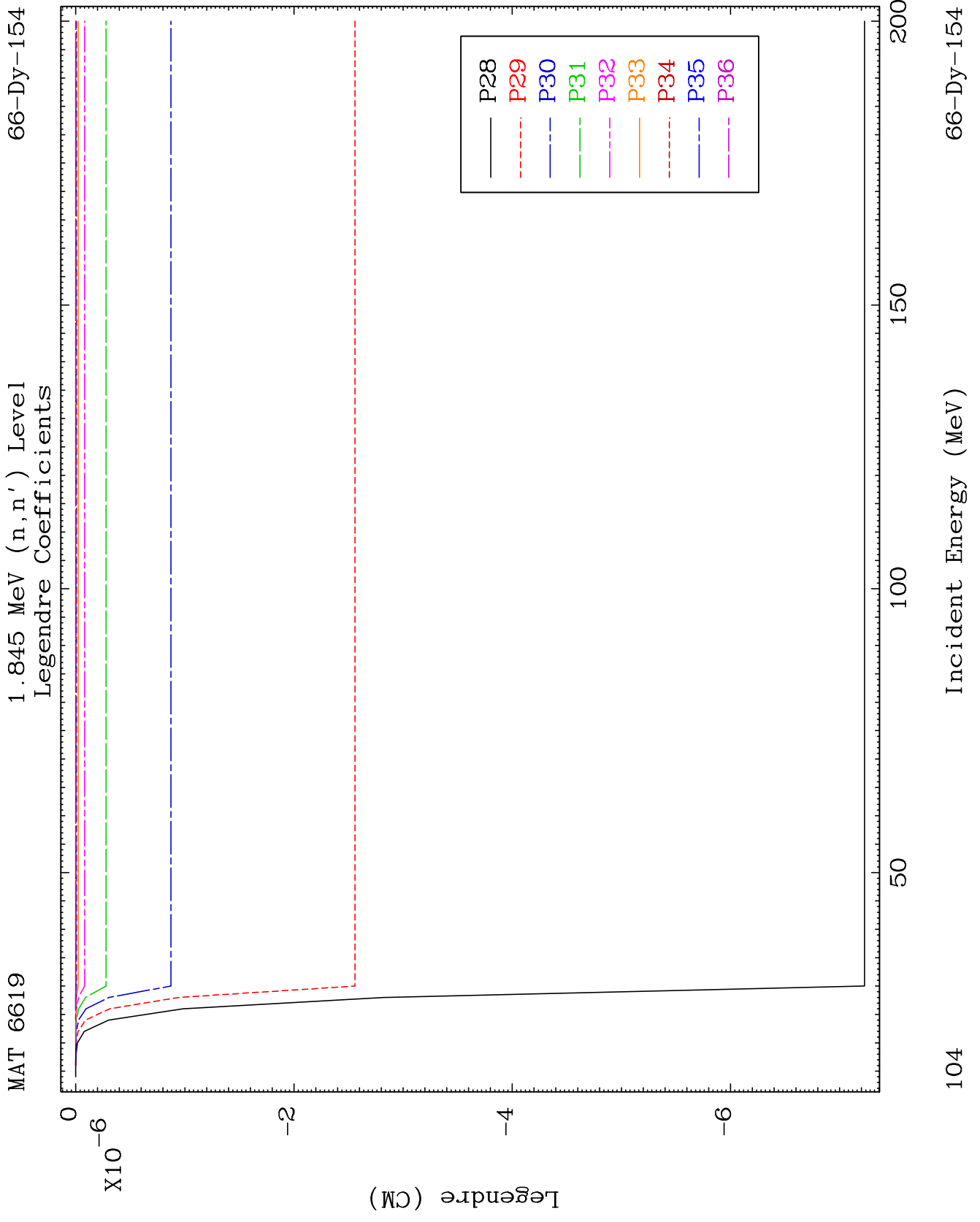


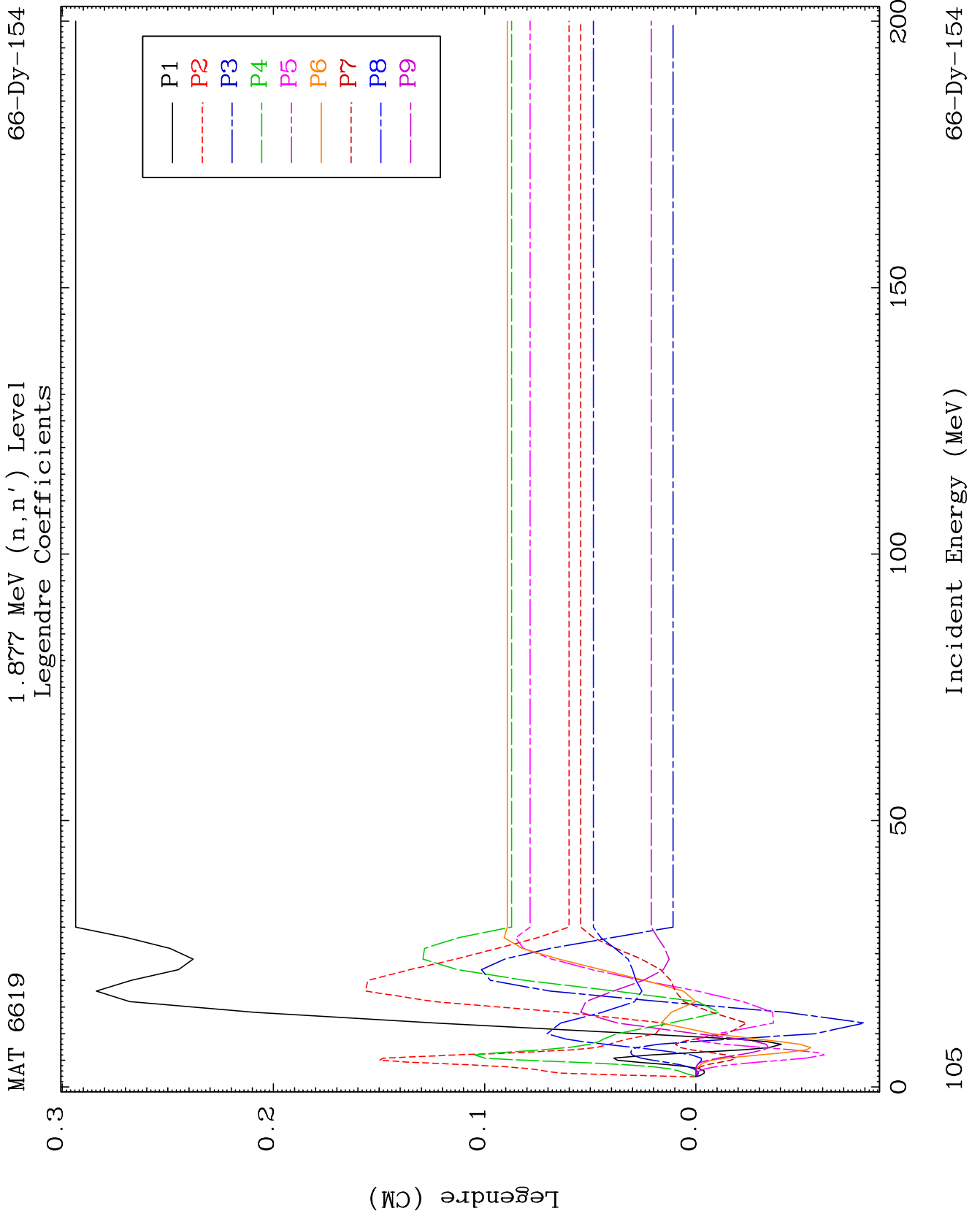
103

Incident Energy (MeV)

66-Dy-154



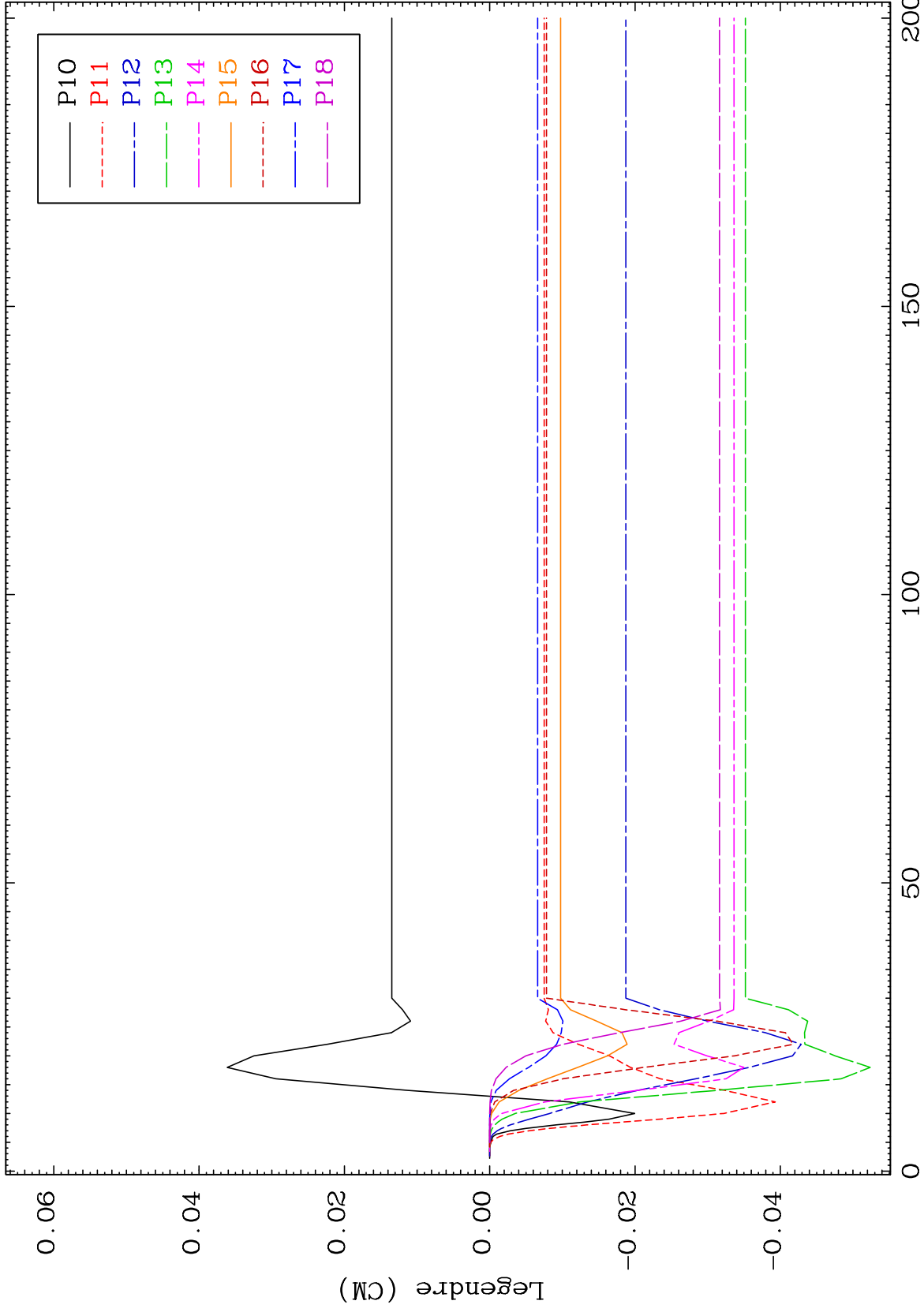




MAT 6619

1.877 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154



106

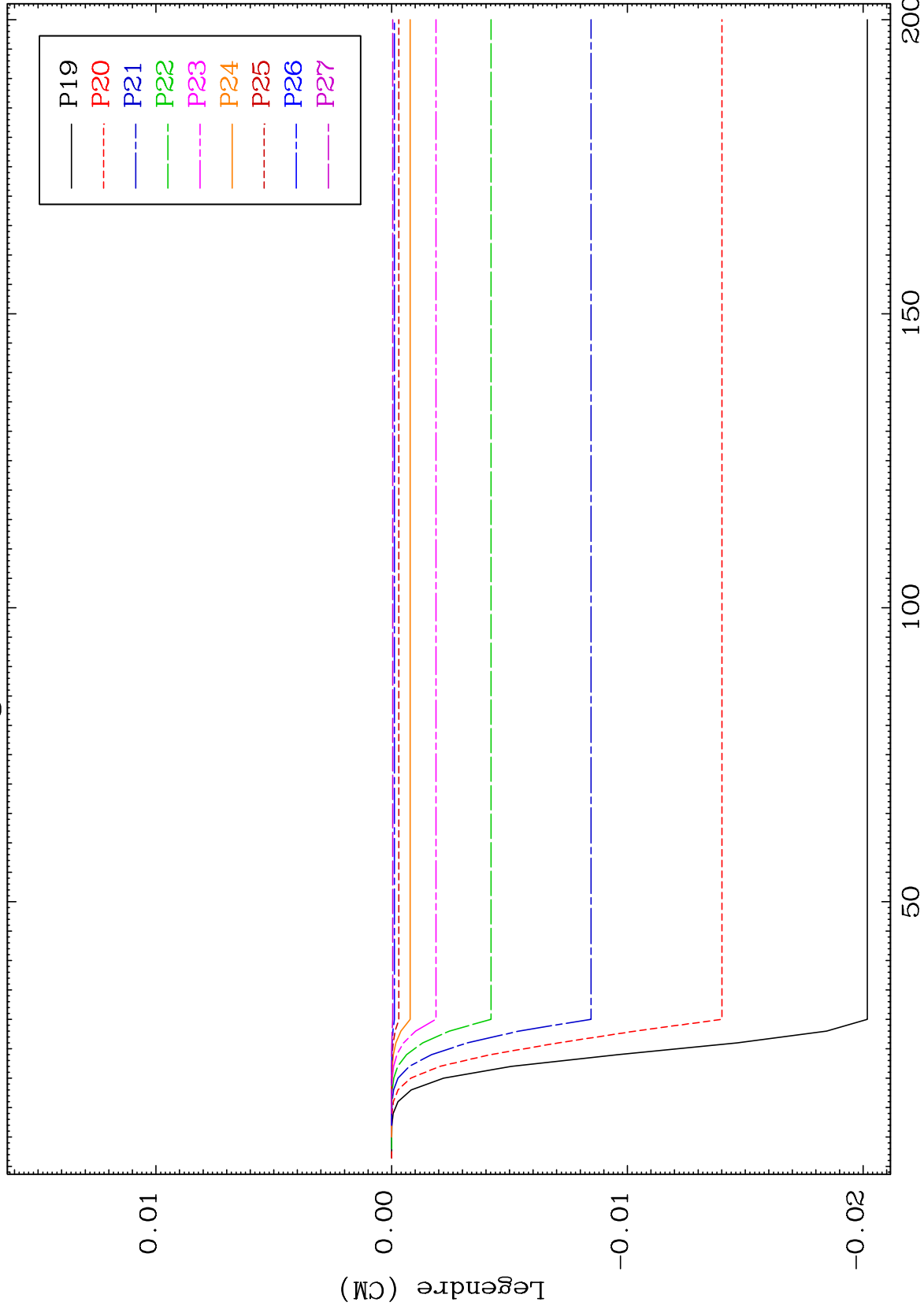
Incident Energy (MeV)

66-Dy-154

MAT 6619

1.877 MeV (n,n') Level  
Legendre Coefficients

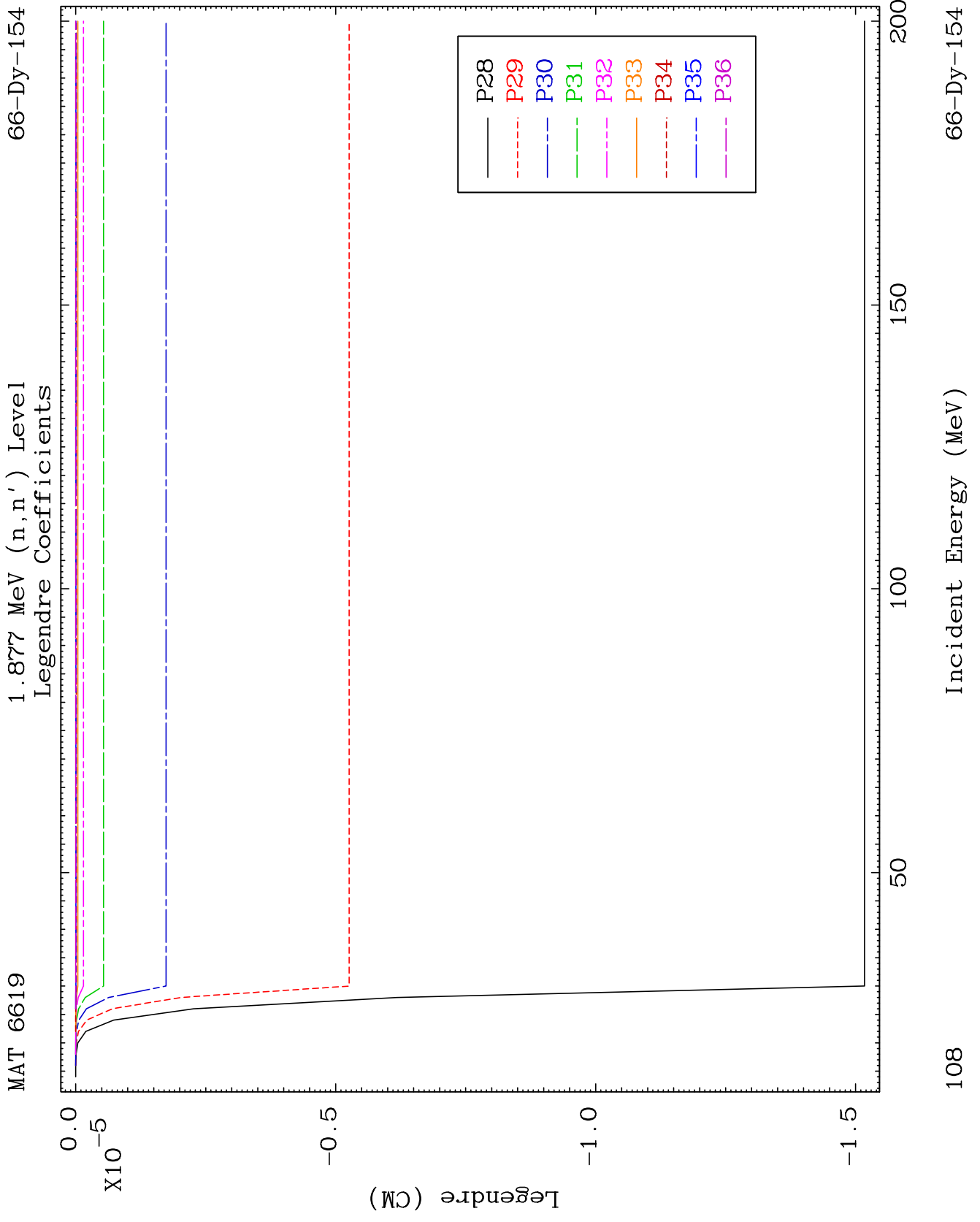
66-Dy-154



107

Incident Energy (MeV)

66-Dy-154

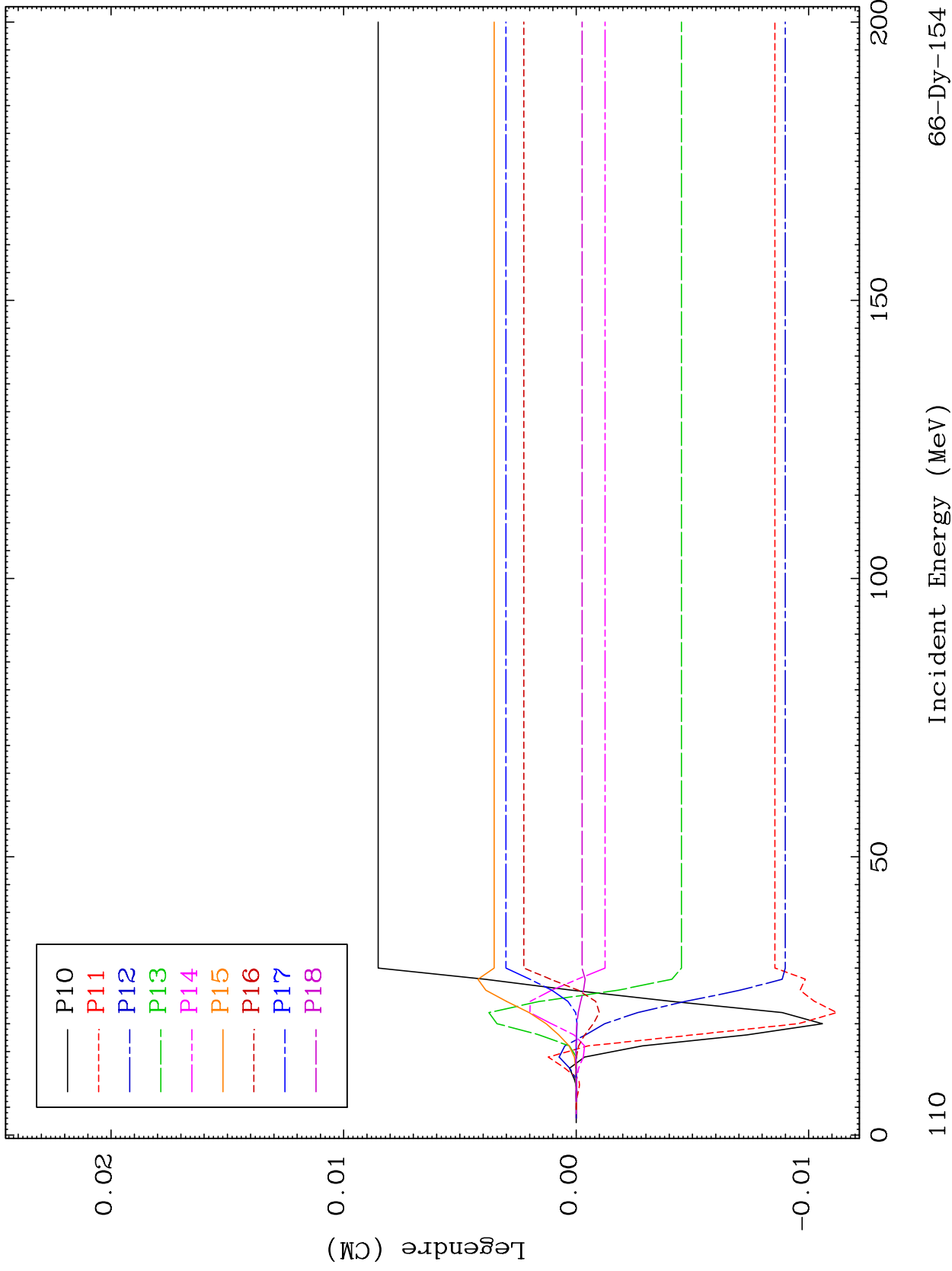




MAT 6619

1.885 MeV (n,n') Level  
Legendre Coefficients

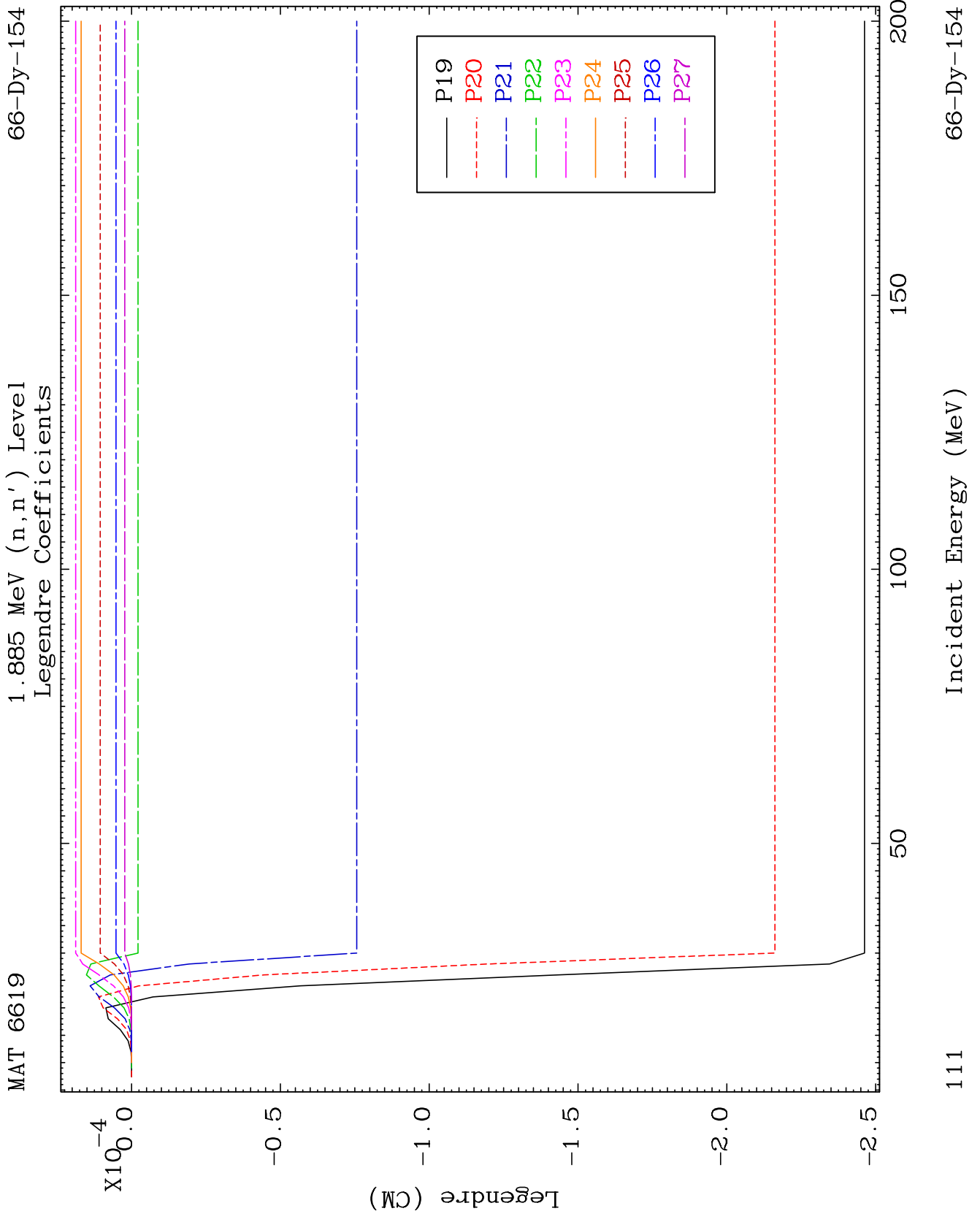
66-Dy-154



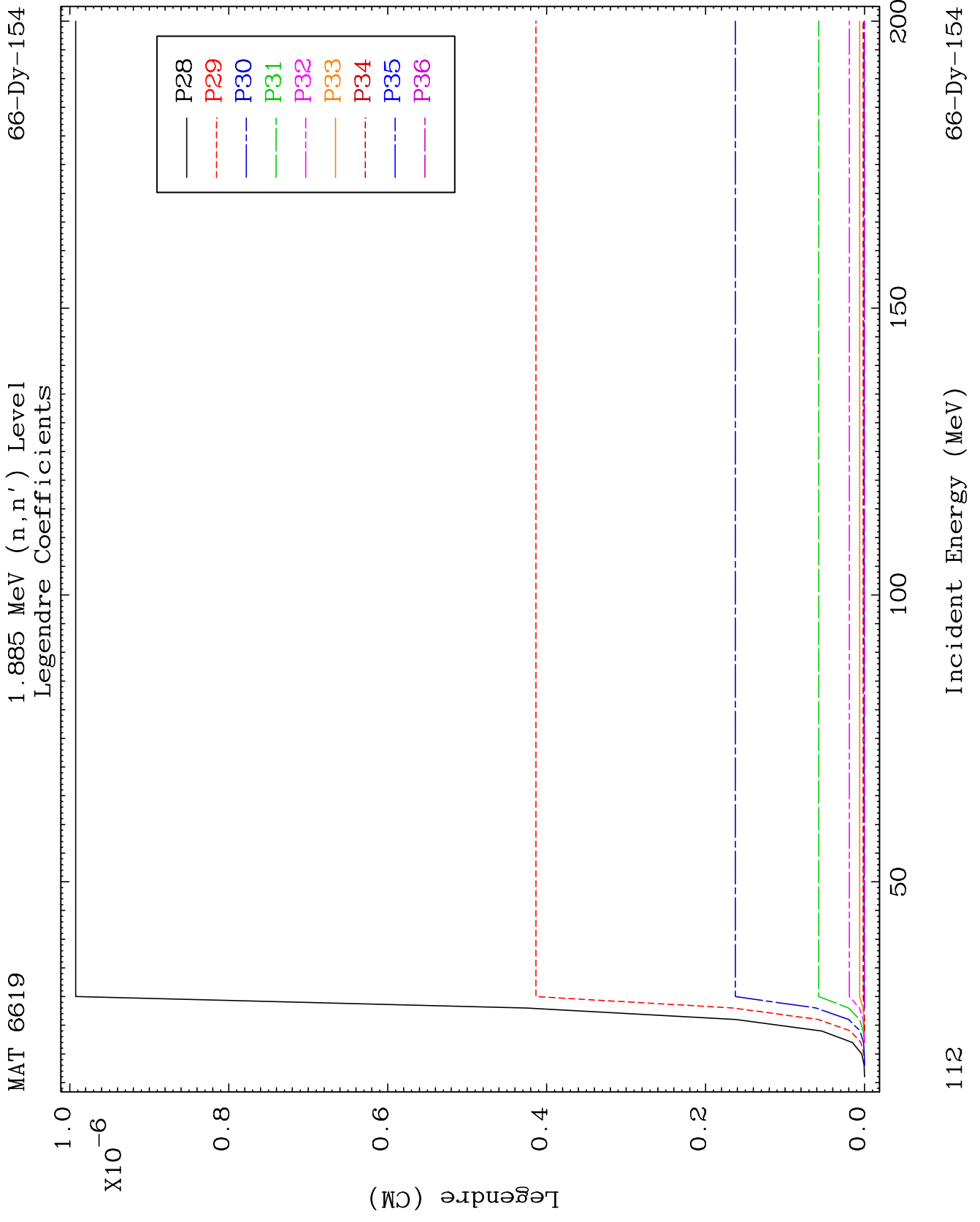
66-Dy-154

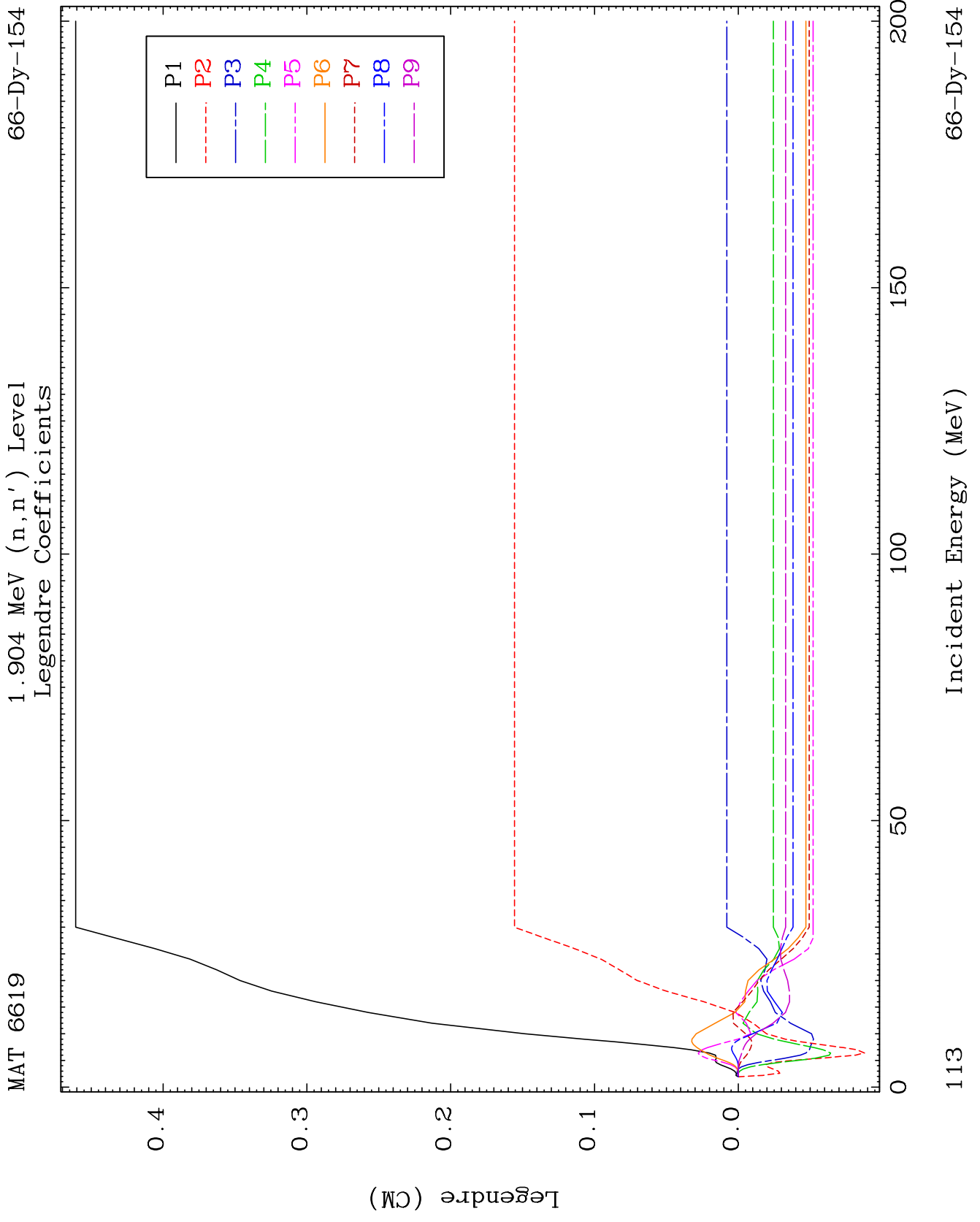
Incident Energy (MeV)

110





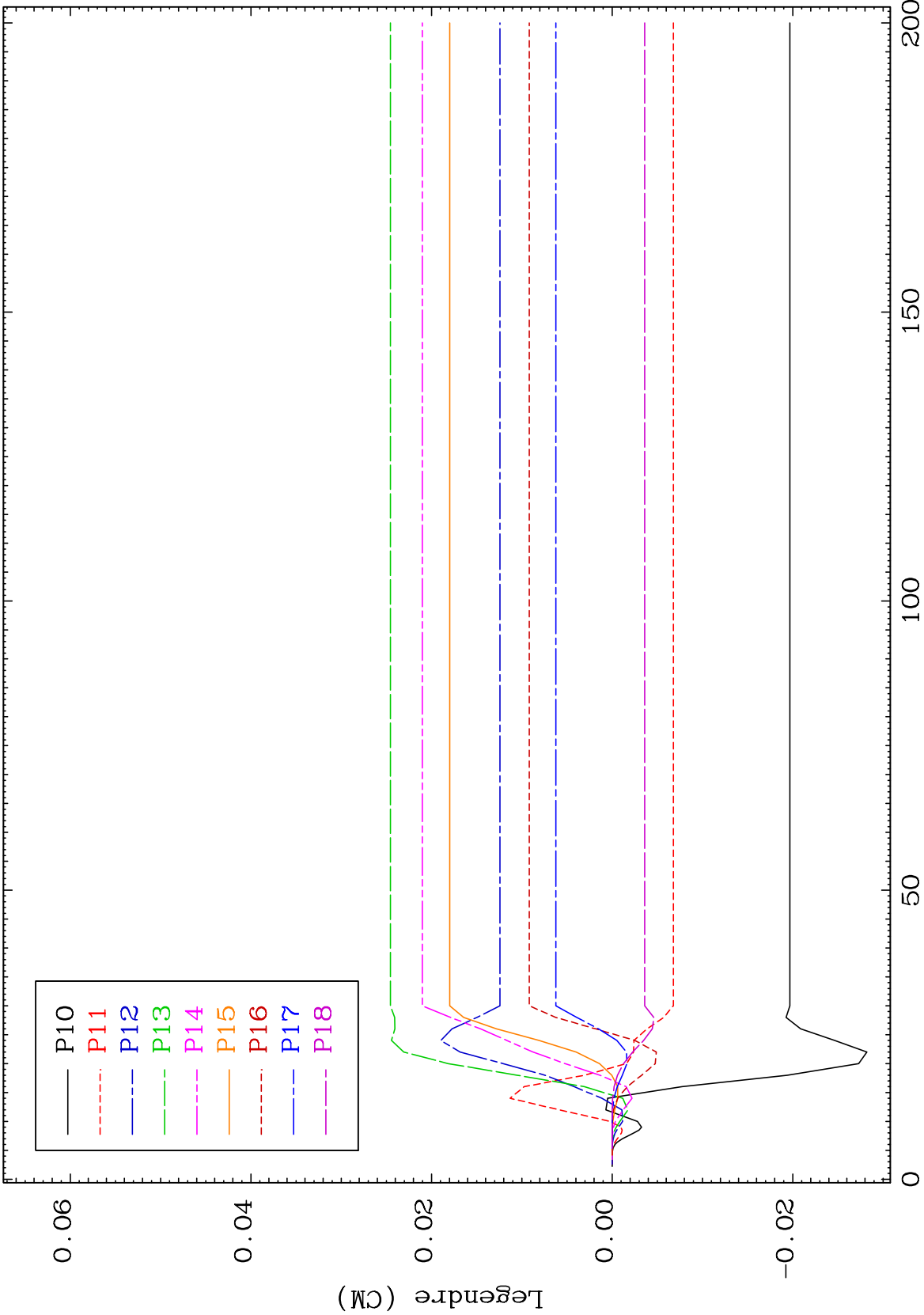




MAT 6619

1.904 MeV (n,n') Level  
Legendre Coefficients

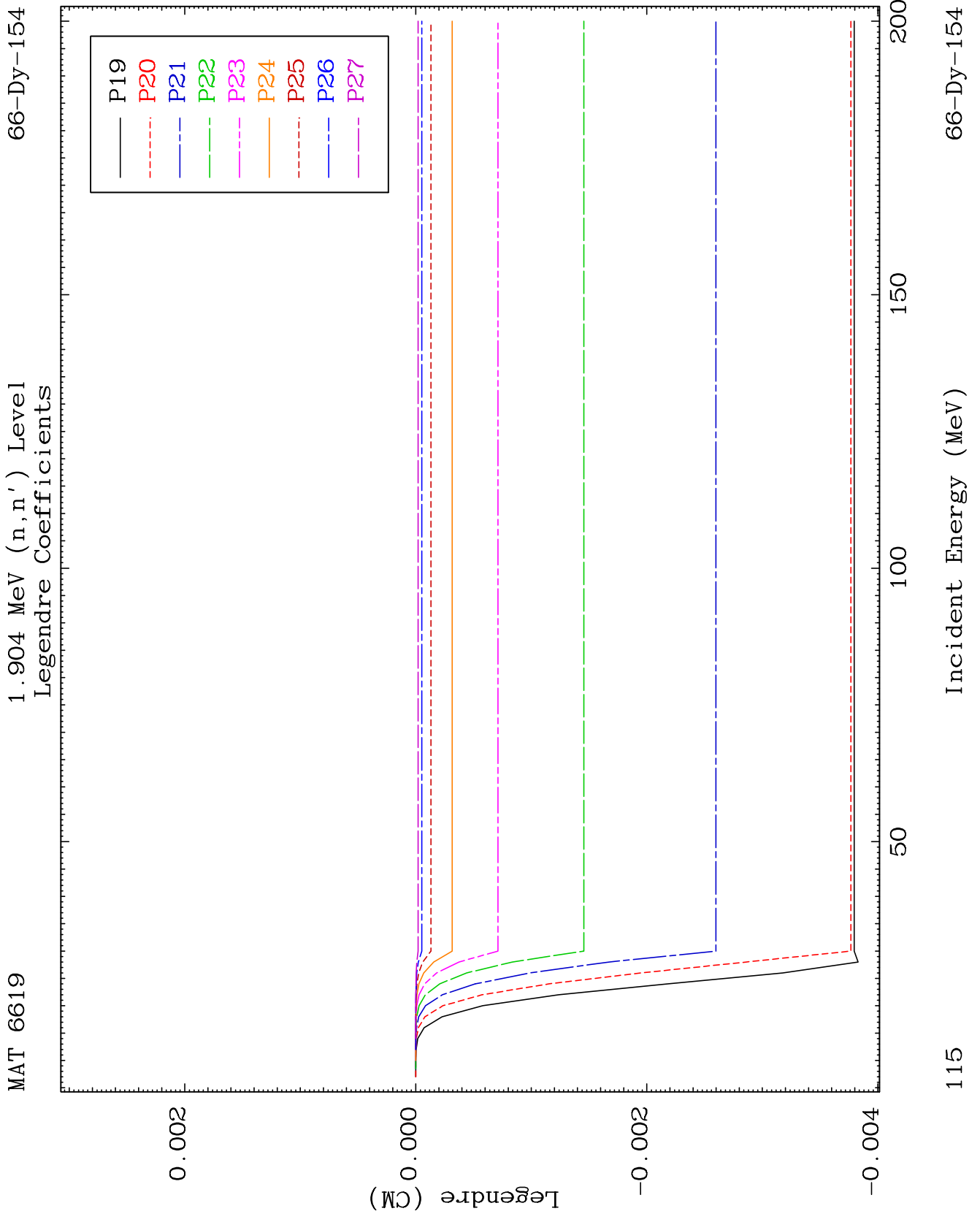
66-Dy-154

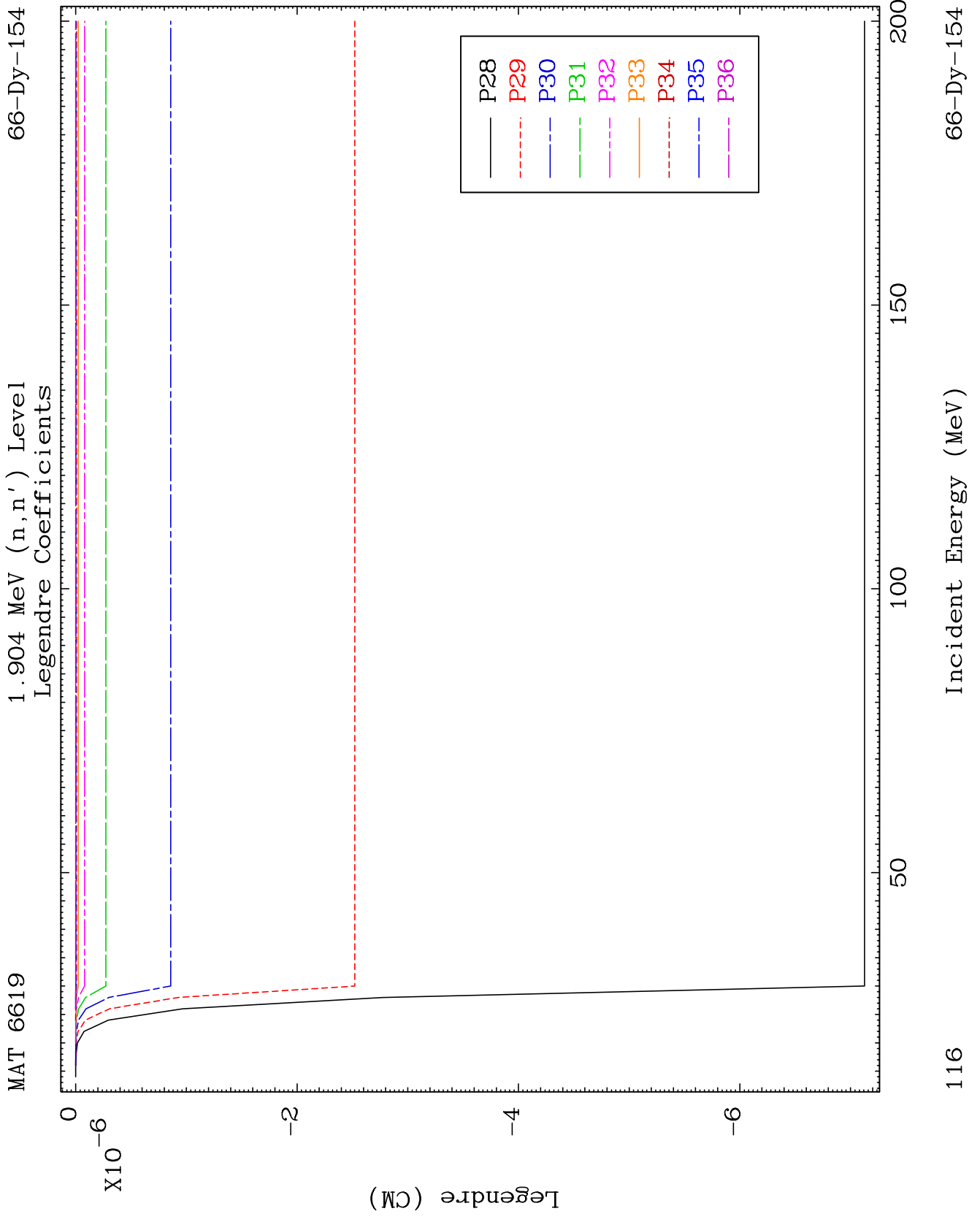


114

Incident Energy (MeV)

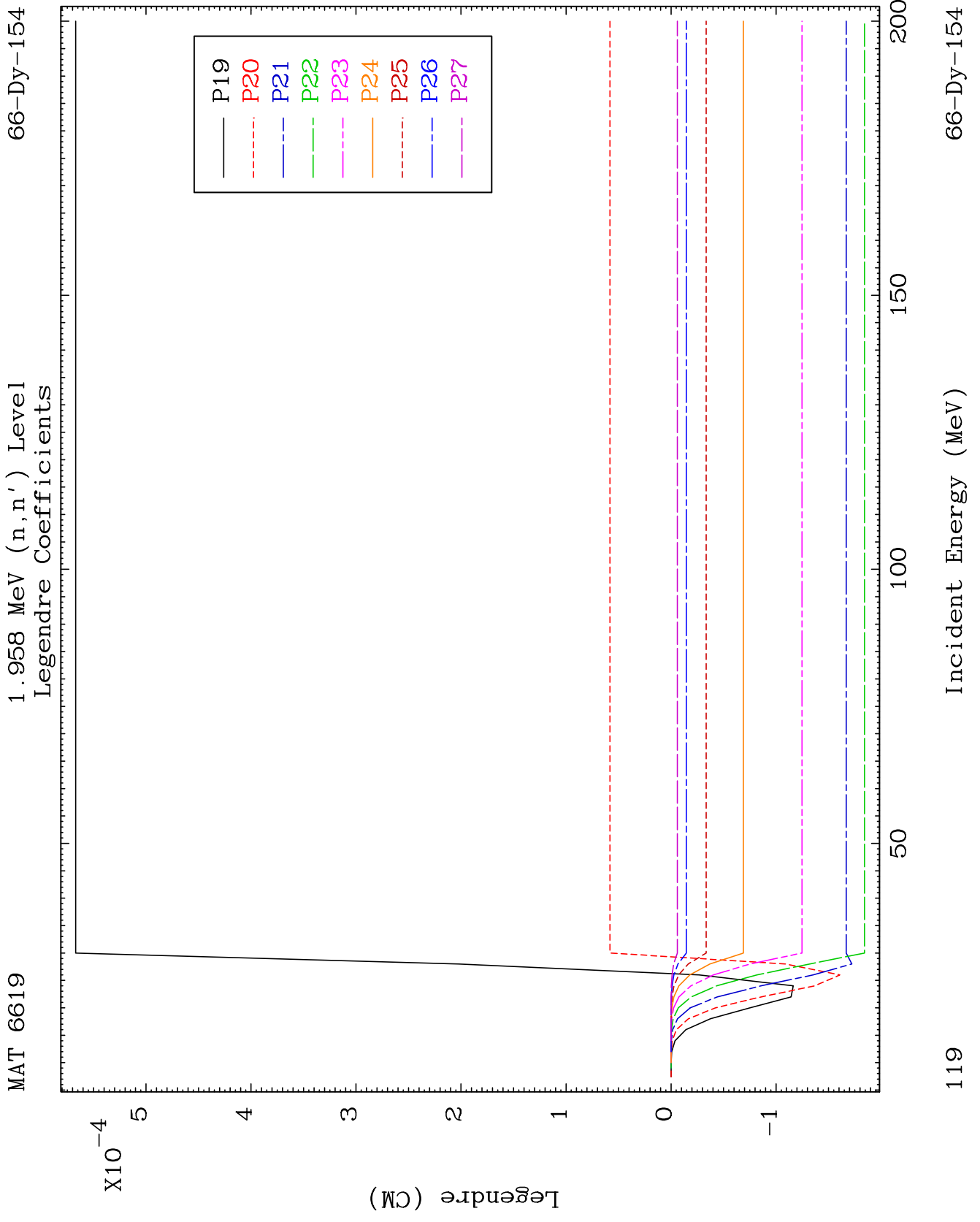
66-Dy-154





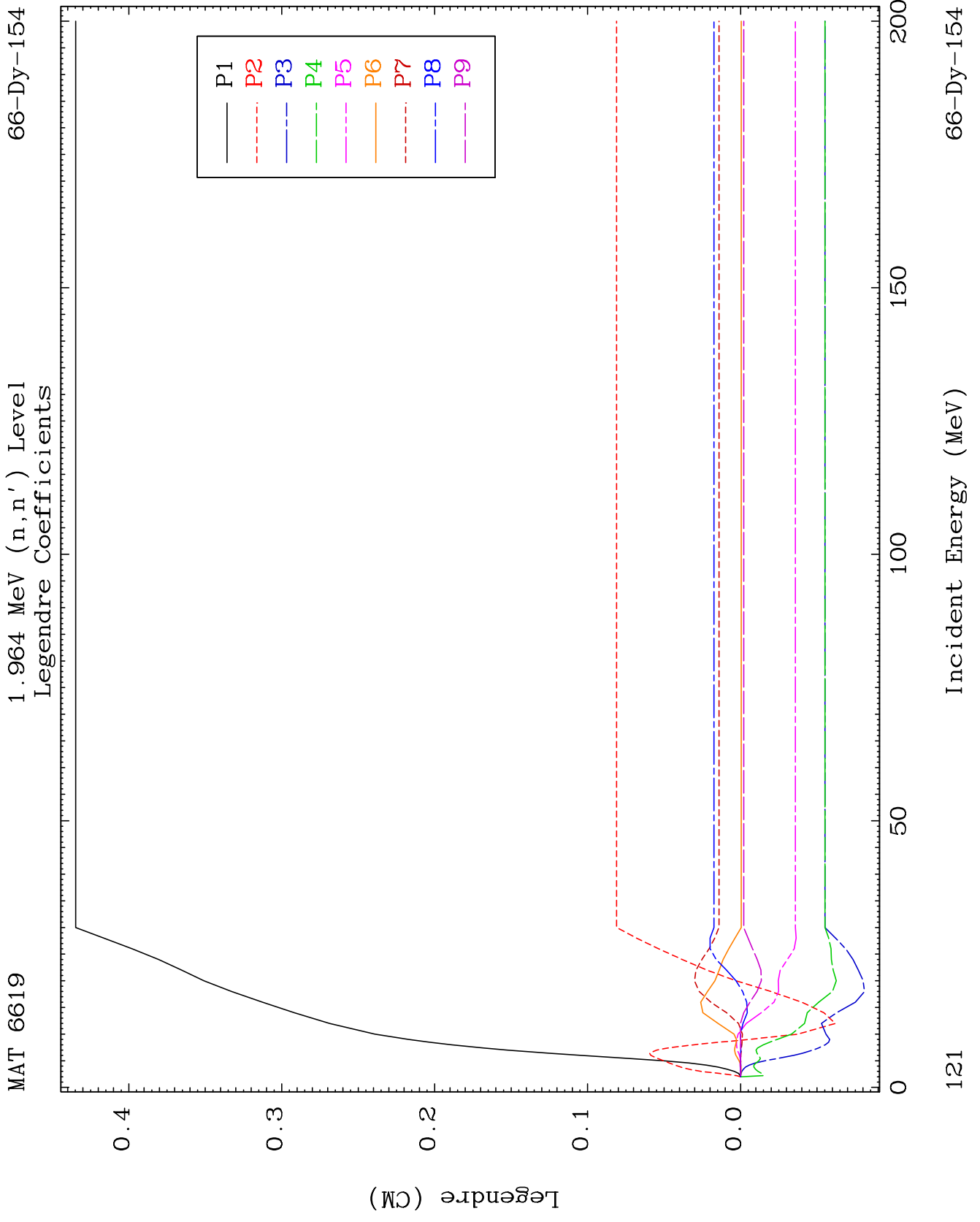








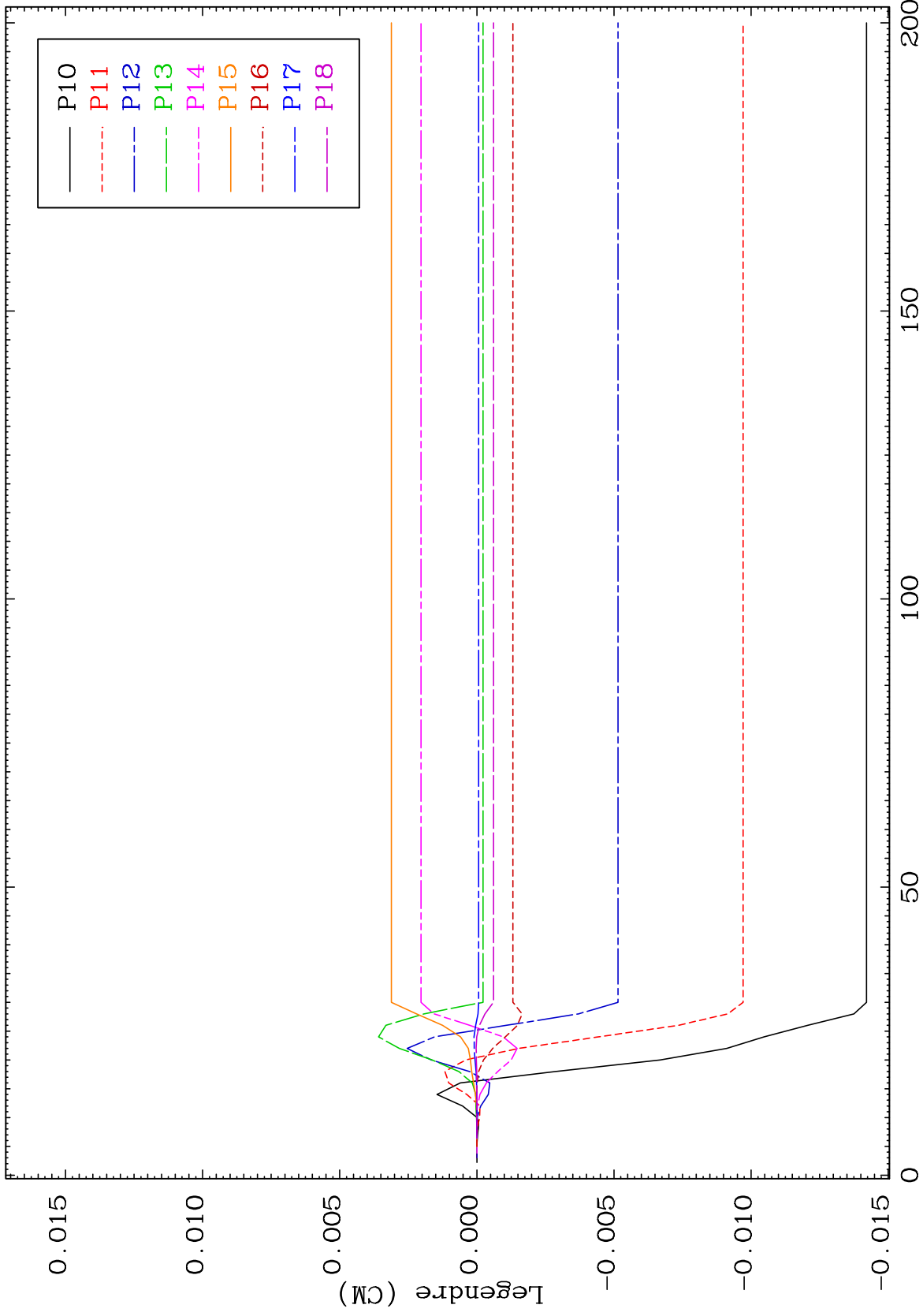




MAT 6619

1.964 MeV (n,n') Level  
Legendre Coefficients

66-Dy-154



122

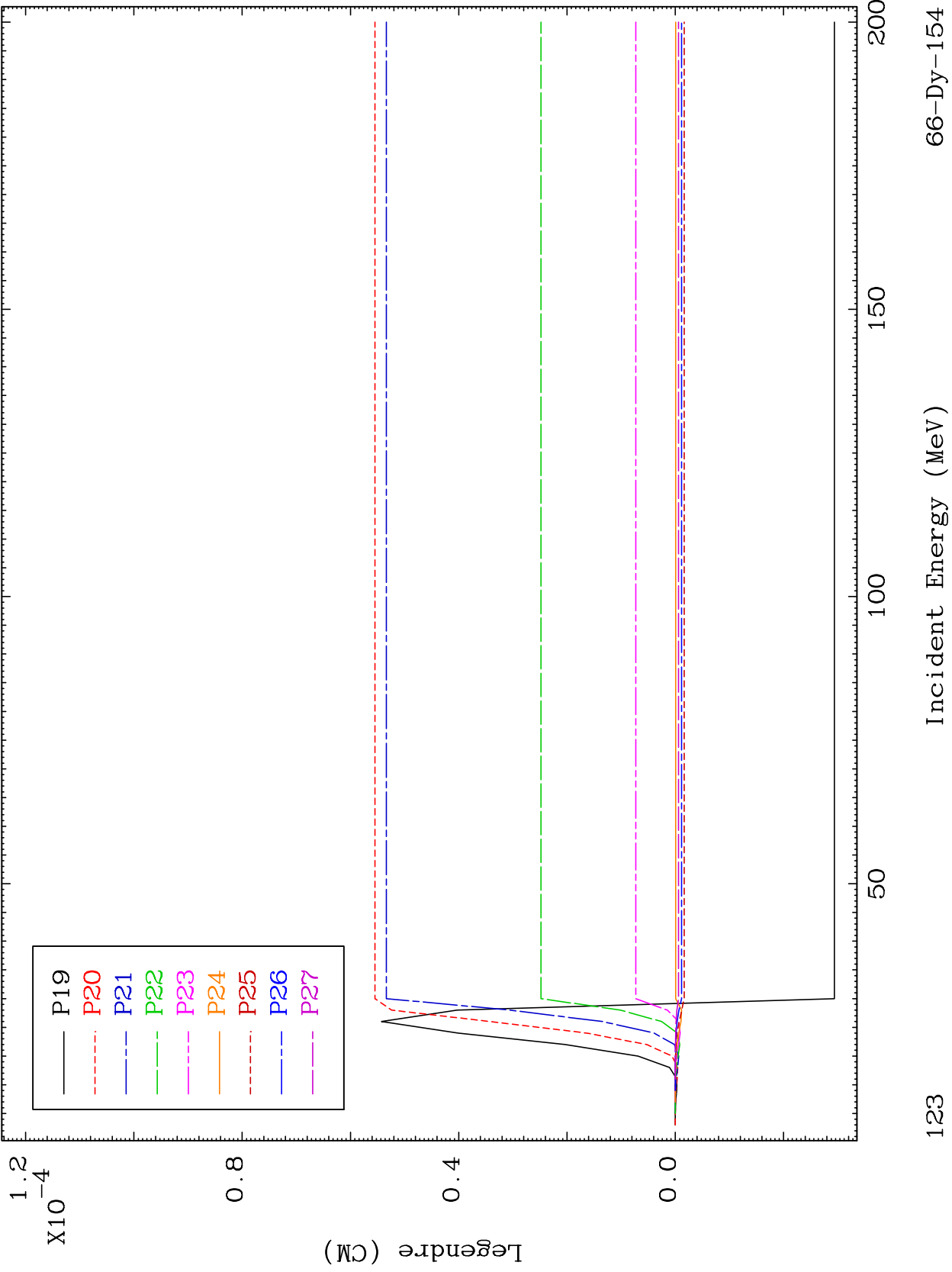
Incident Energy (MeV)

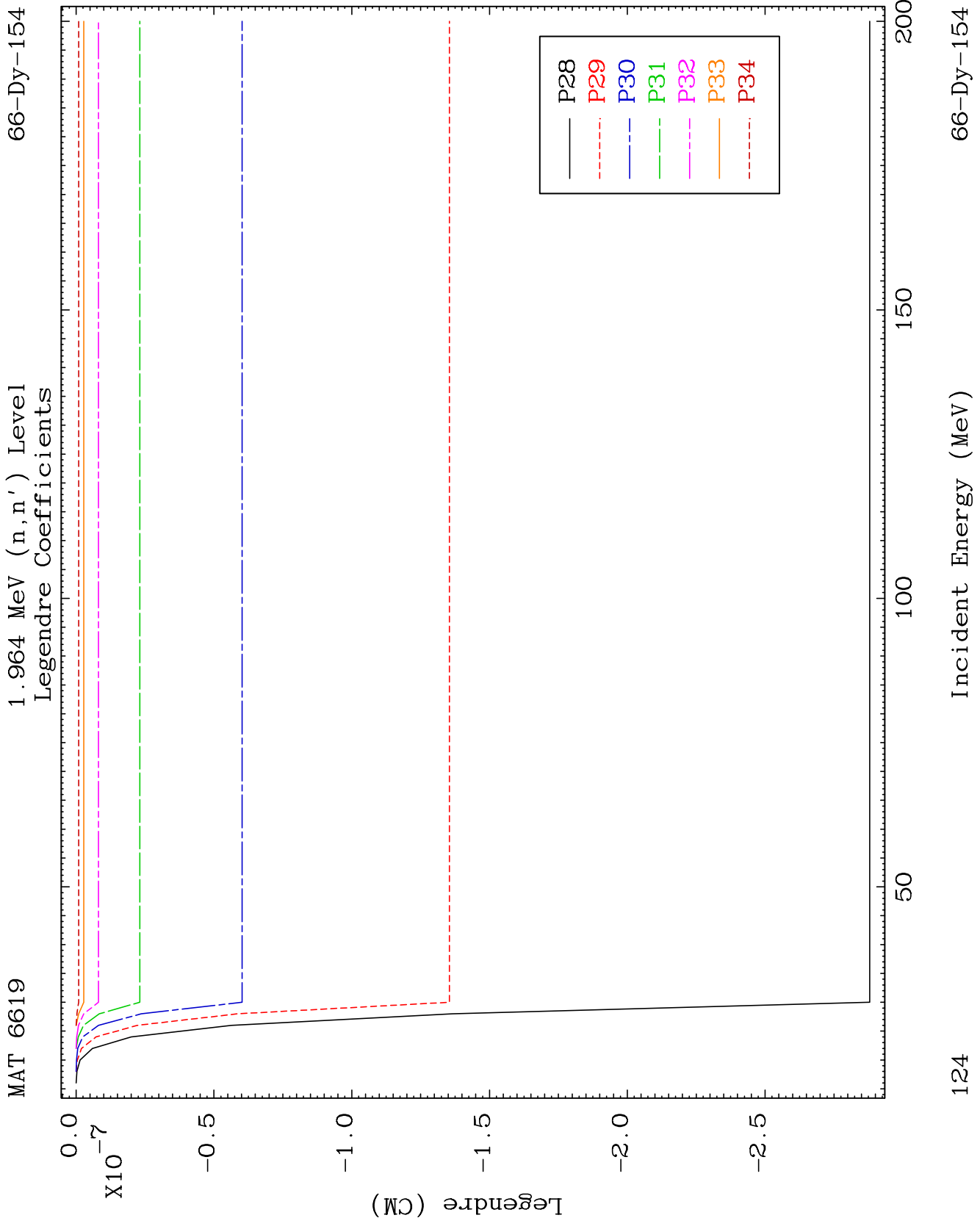
66-Dy-154

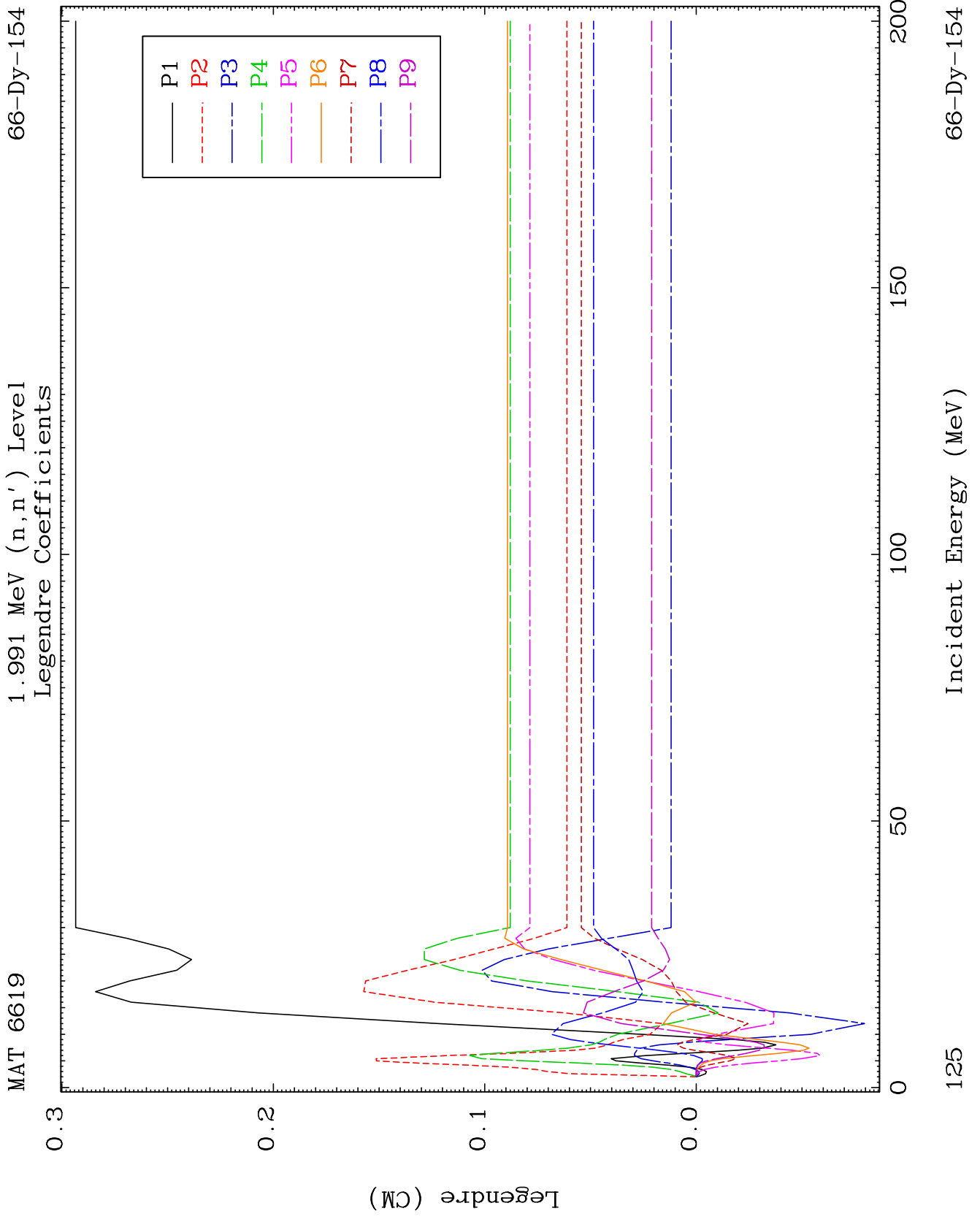
MAT 6619

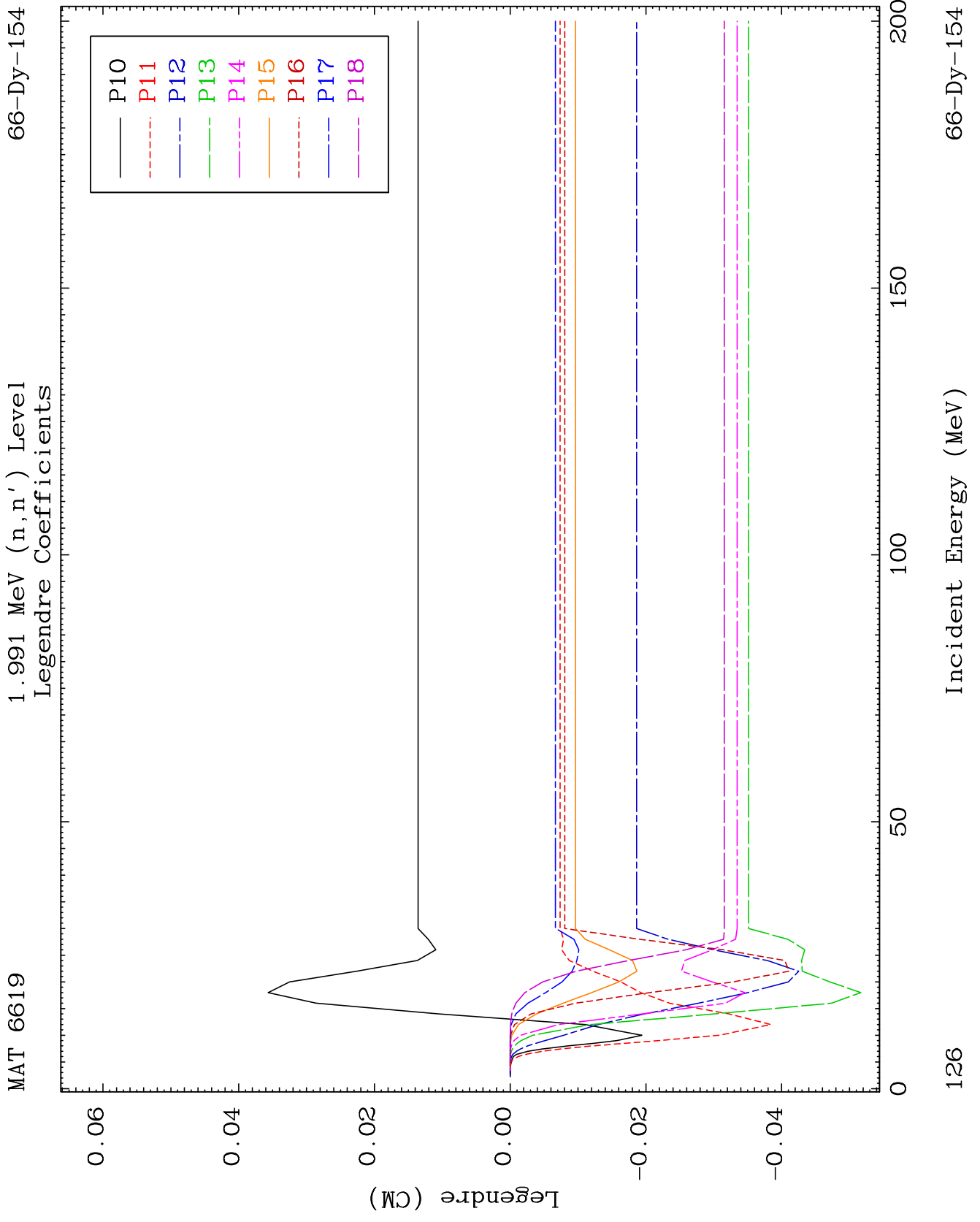
1.964 MeV (n,n') Level  
Legendre Coefficients

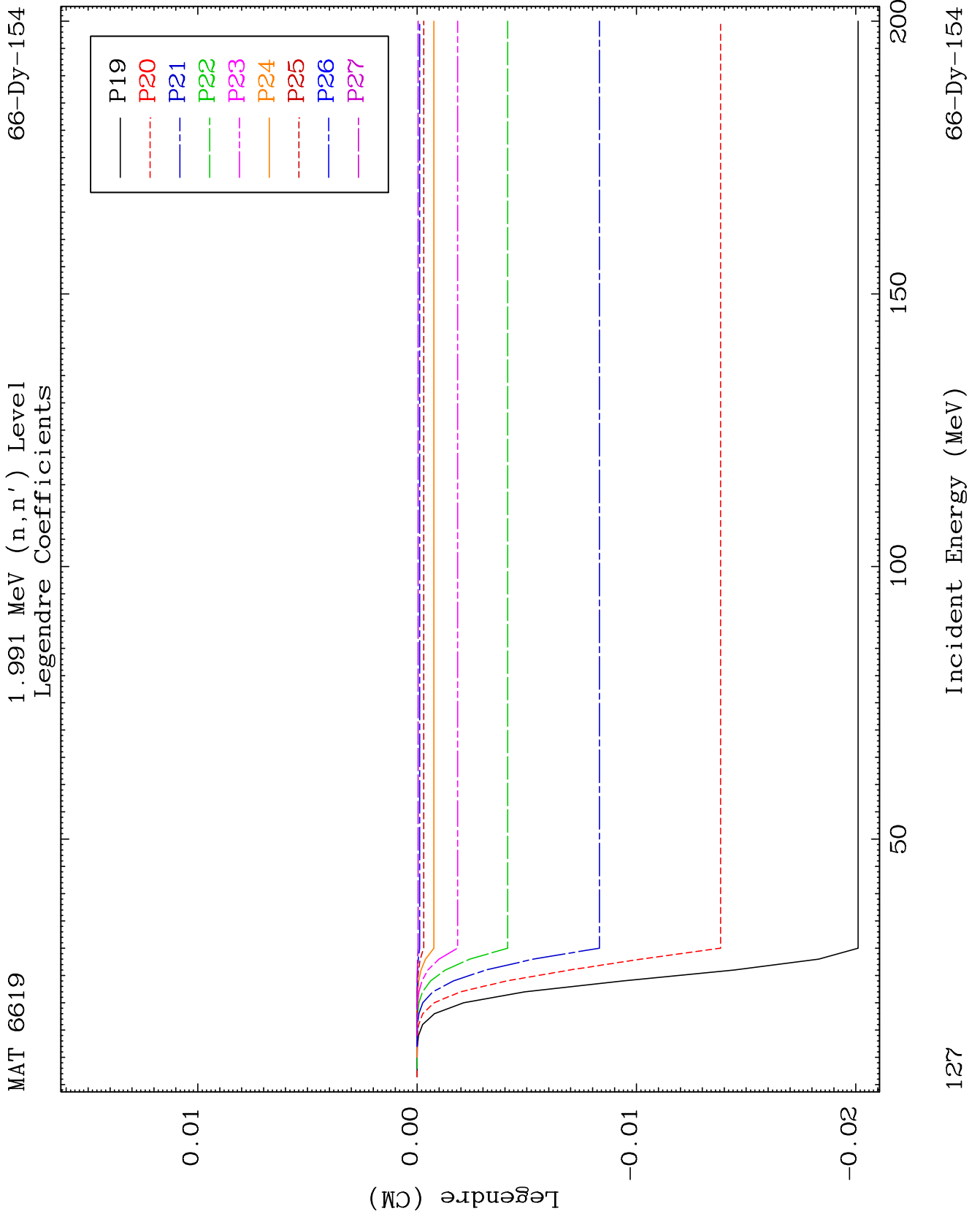
66-Dy-154



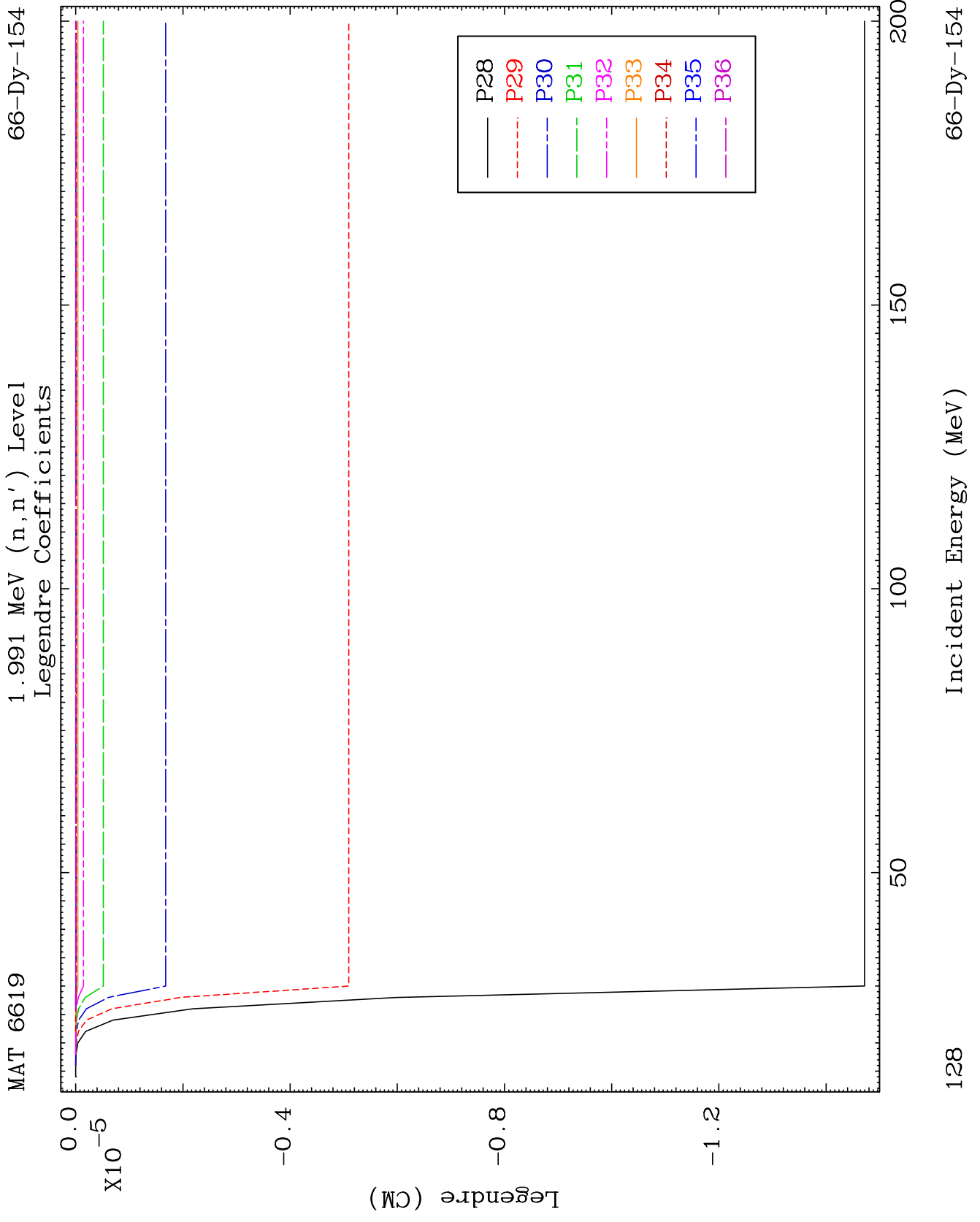










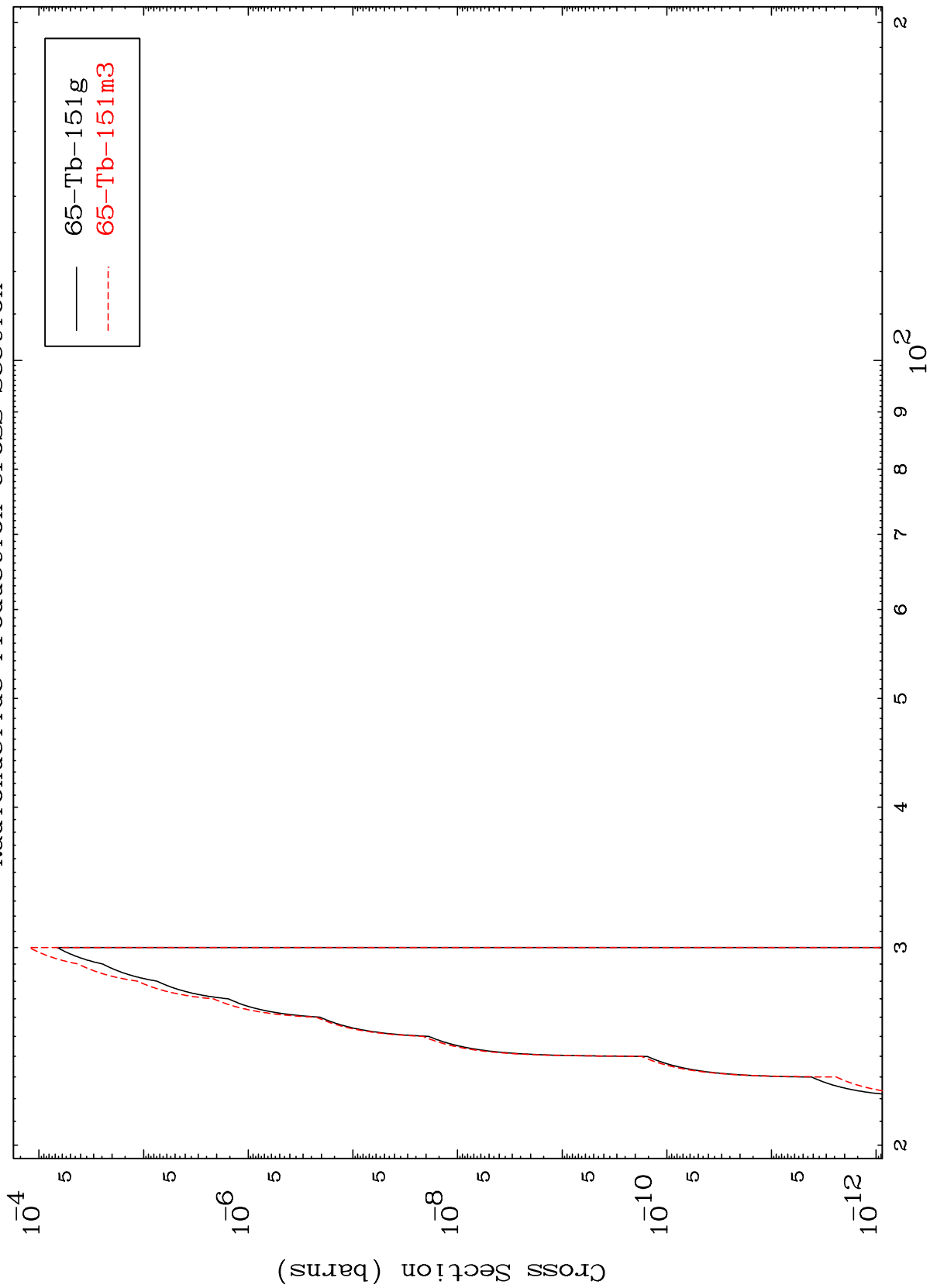


MAT 6619

(n,2n) d

66-Dy-154

Radionuclide Production Cross Section



129

Incident Energy (MeV)

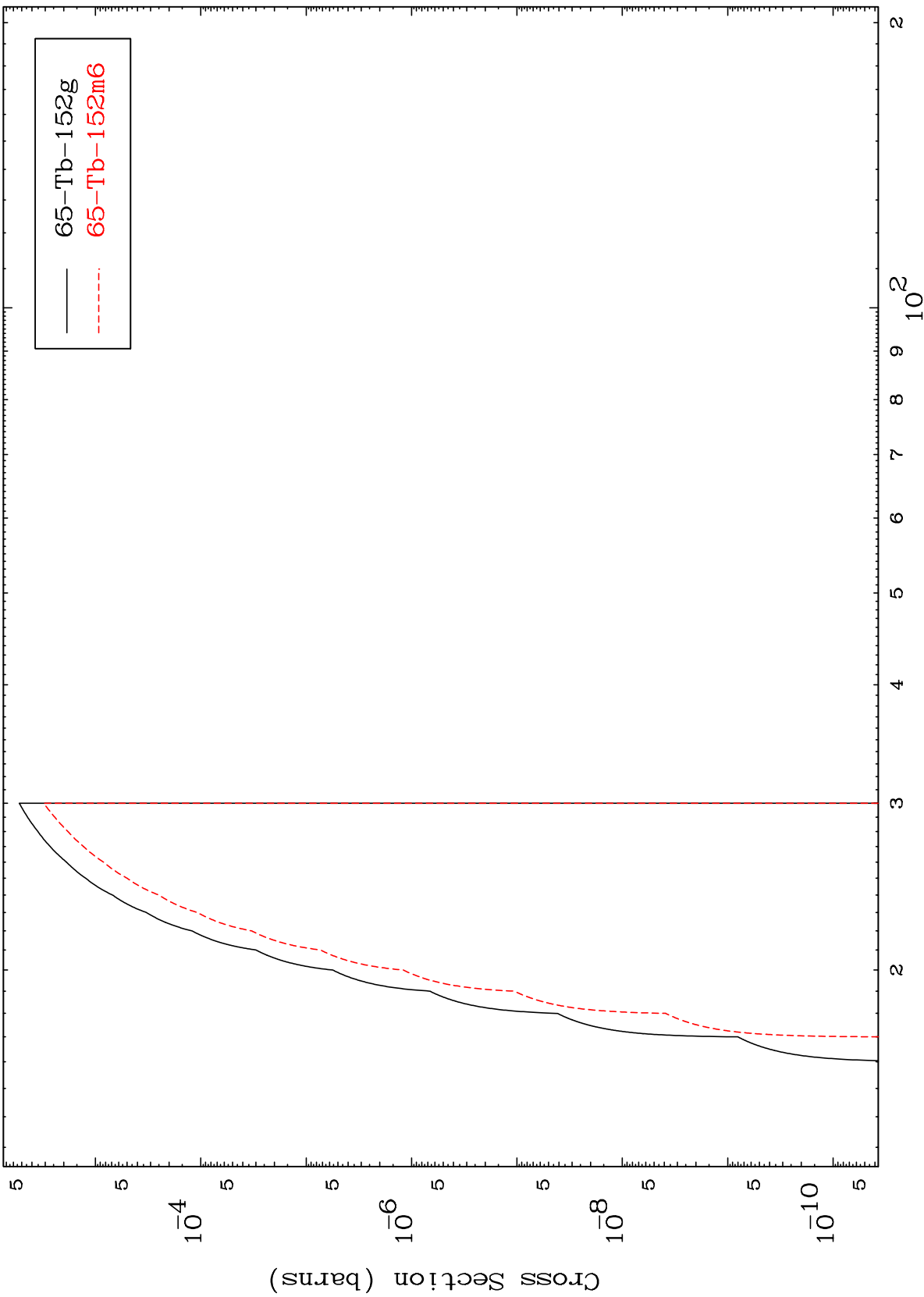
66-Dy-154

MAT 6619

(n,n') d

66-Dy-154

Radionuclide Production Cross Section



130

Incident Energy (MeV)

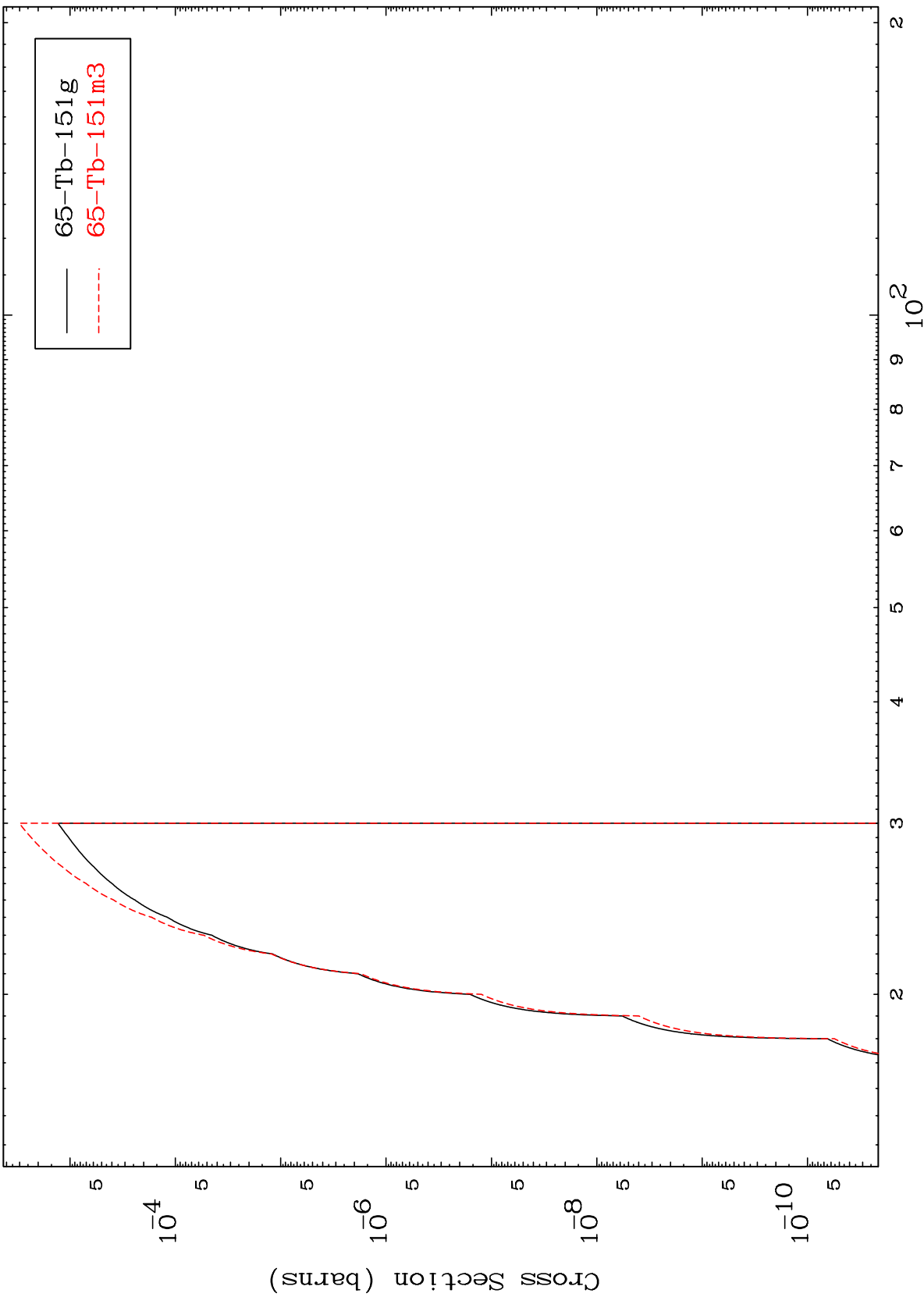
66-Dy-154

MAT 6619

(n,n') t

66-Dy-154

Radionuclide Production Cross Section



65-Tb-151g  
65-Tb-151m3

131

Incident Energy (MeV)

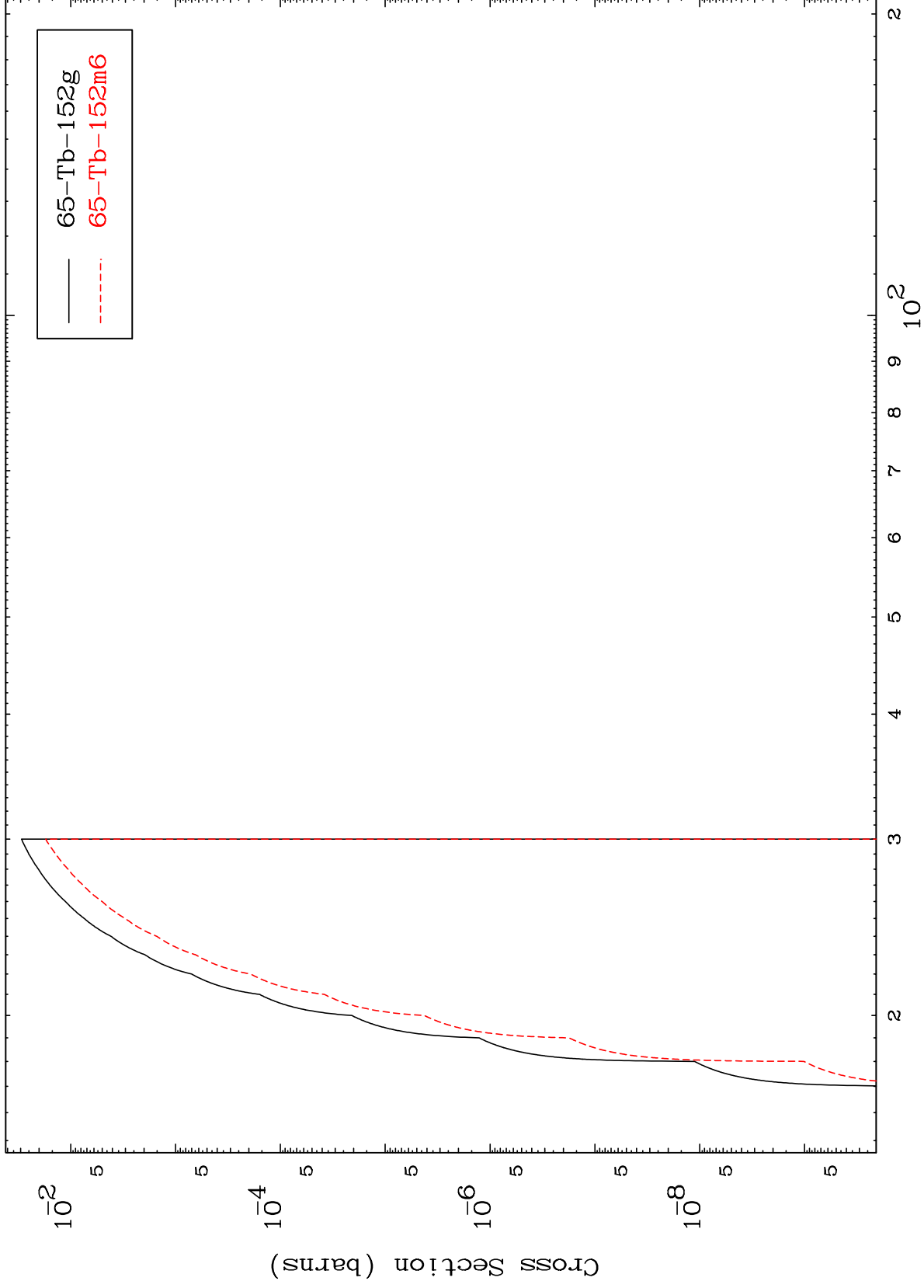
66-Dy-154

MAT 6619

(n,2n) p

66-Dy-154

Radionuclide Production Cross Section



132

Incident Energy (MeV)

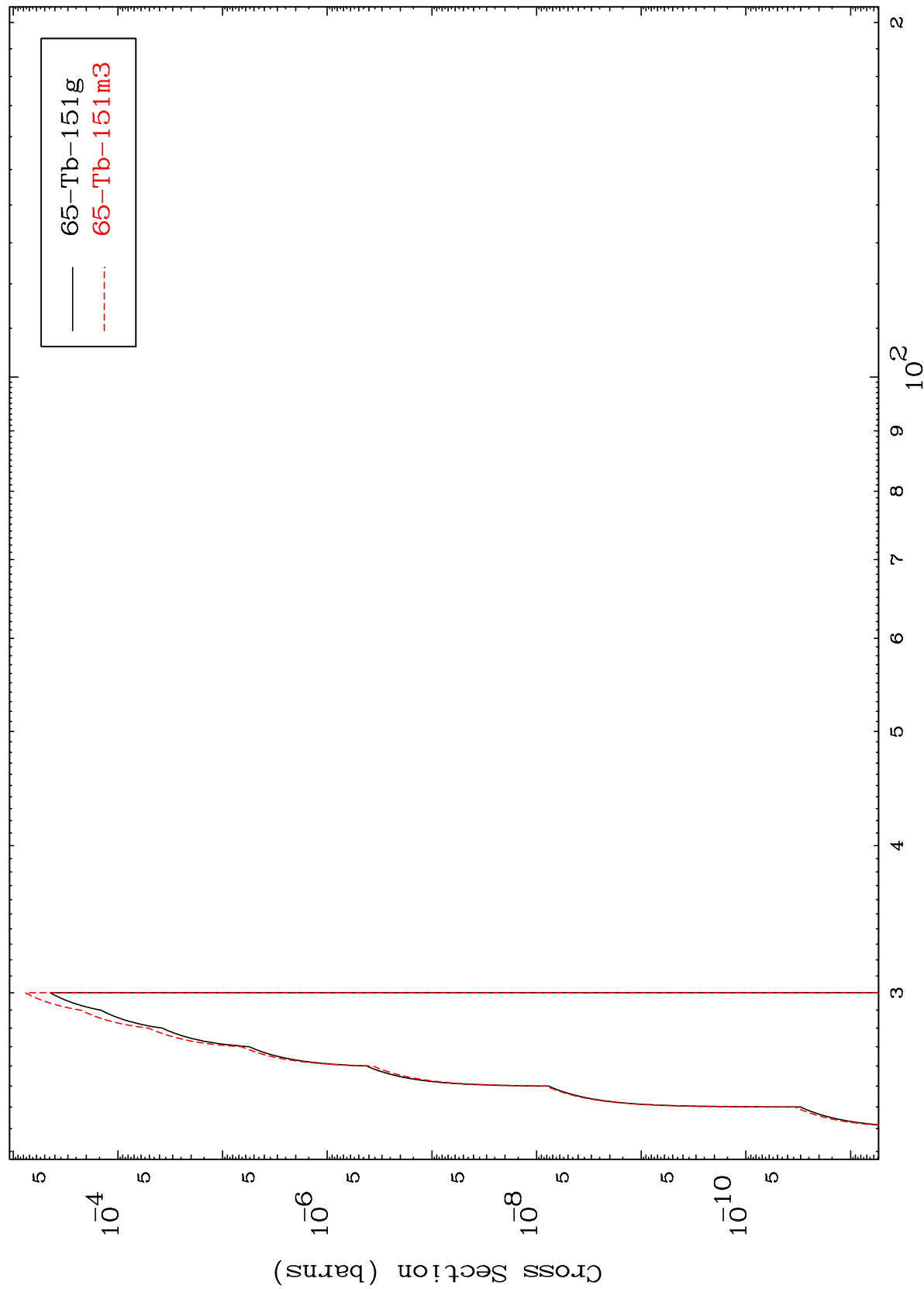
66-Dy-154

MAT 6619

(n,3n) p

66-Dy-154

Radionuclide Production Cross Section



133

Incident Energy (MeV)

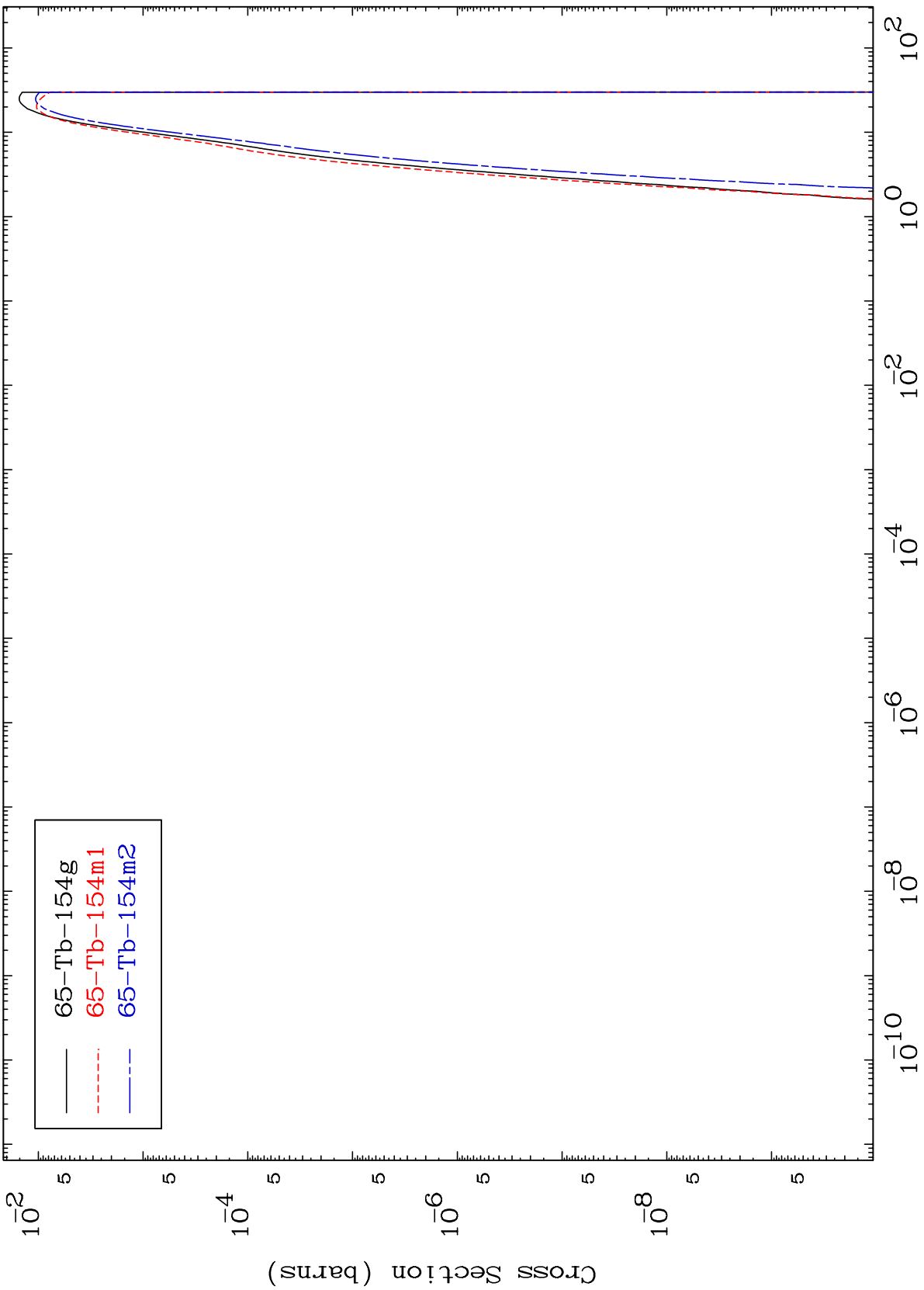
66-Dy-154

MAT 6619

(n,p)

66-Dy-154

Radionuclide Production Cross Section

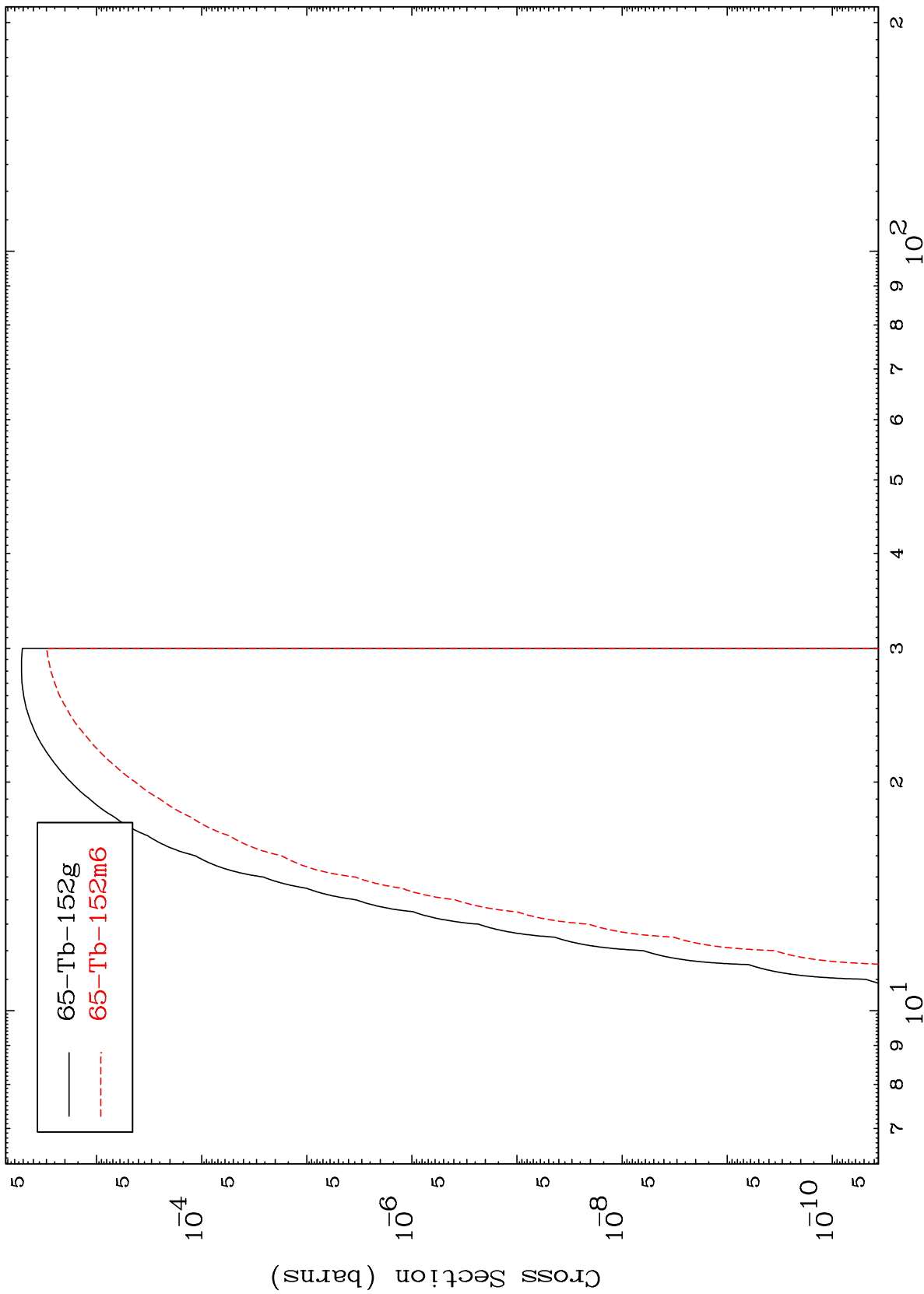


65-Tb-154g  
65-Tb-154m1  
65-Tb-154m2

MAT 6619

66-Dy-154

(n, t)  
Radionuclide Production Cross Section



65-Tb-152g  
65-Tb-152m6

135

Incident Energy (MeV)

66-Dy-154

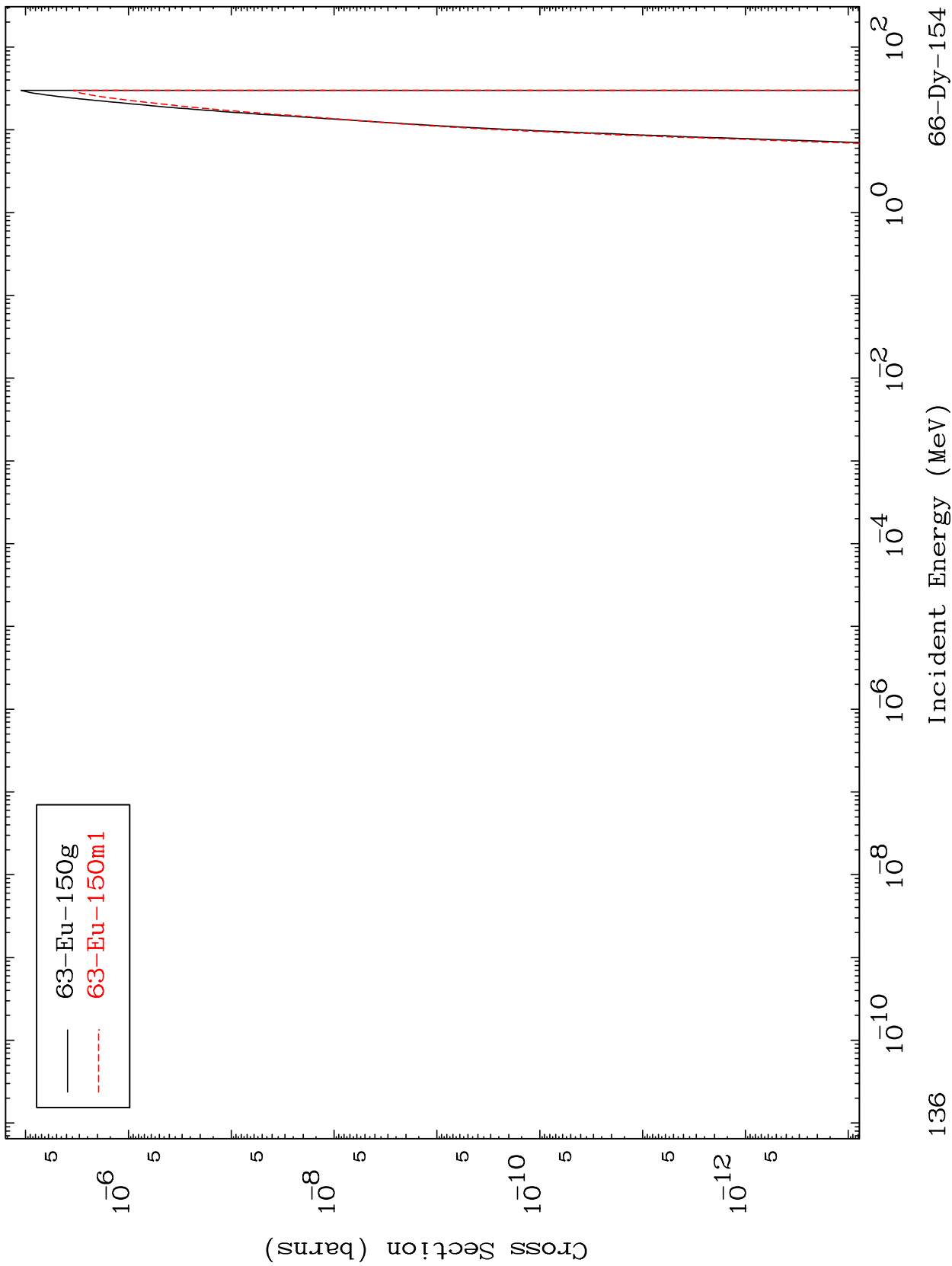


MAT 6619

(n,p)  $\alpha$

66-Dy-154

Radionuclide Production Cross Section



136

Incident Energy (MeV)

66-Dy-154