

Program EVALPLOT  
(Version 2015-2)

by

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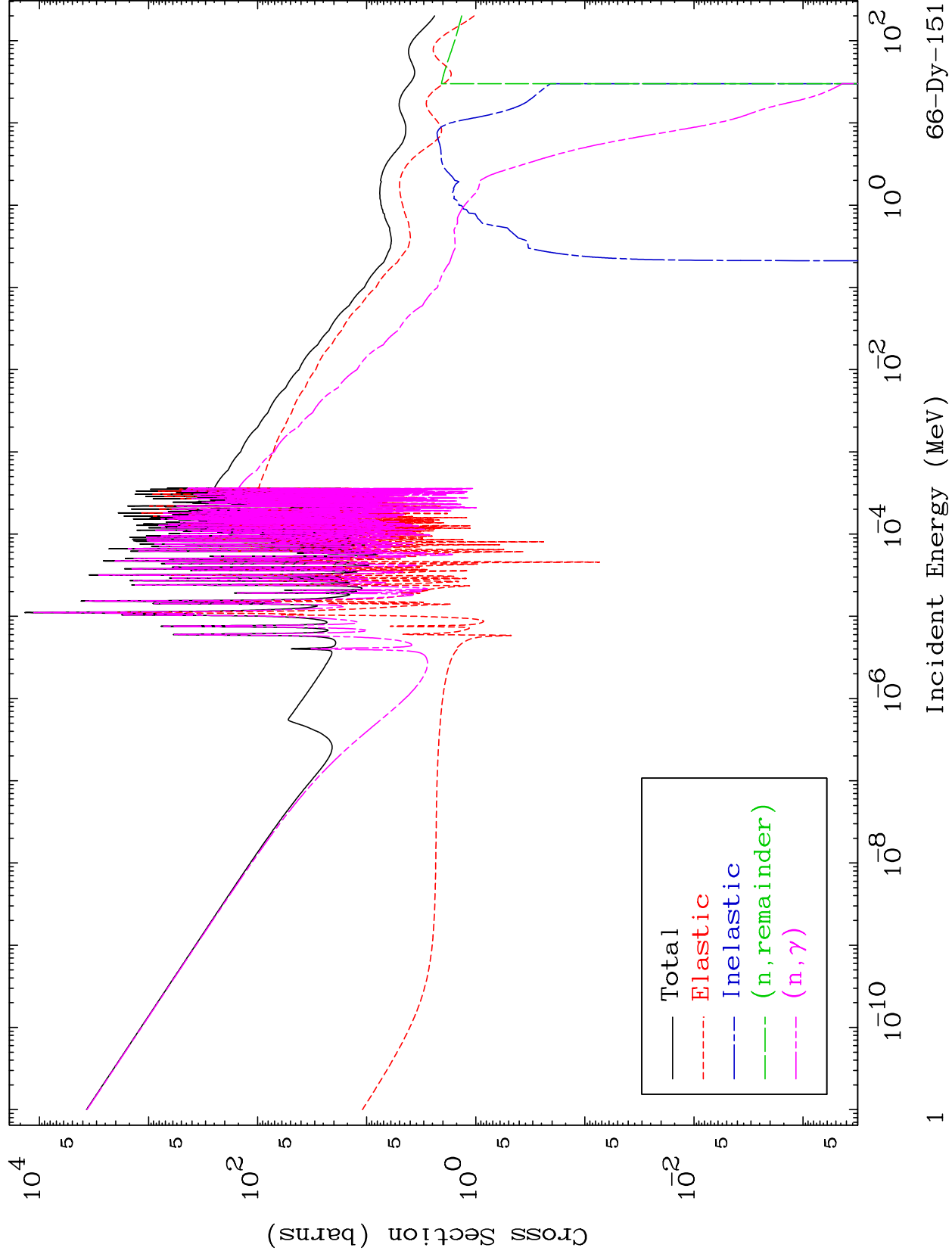
Press Mouse Button to Start

MAT 6610

Major

293 Kelvin Cross Sections

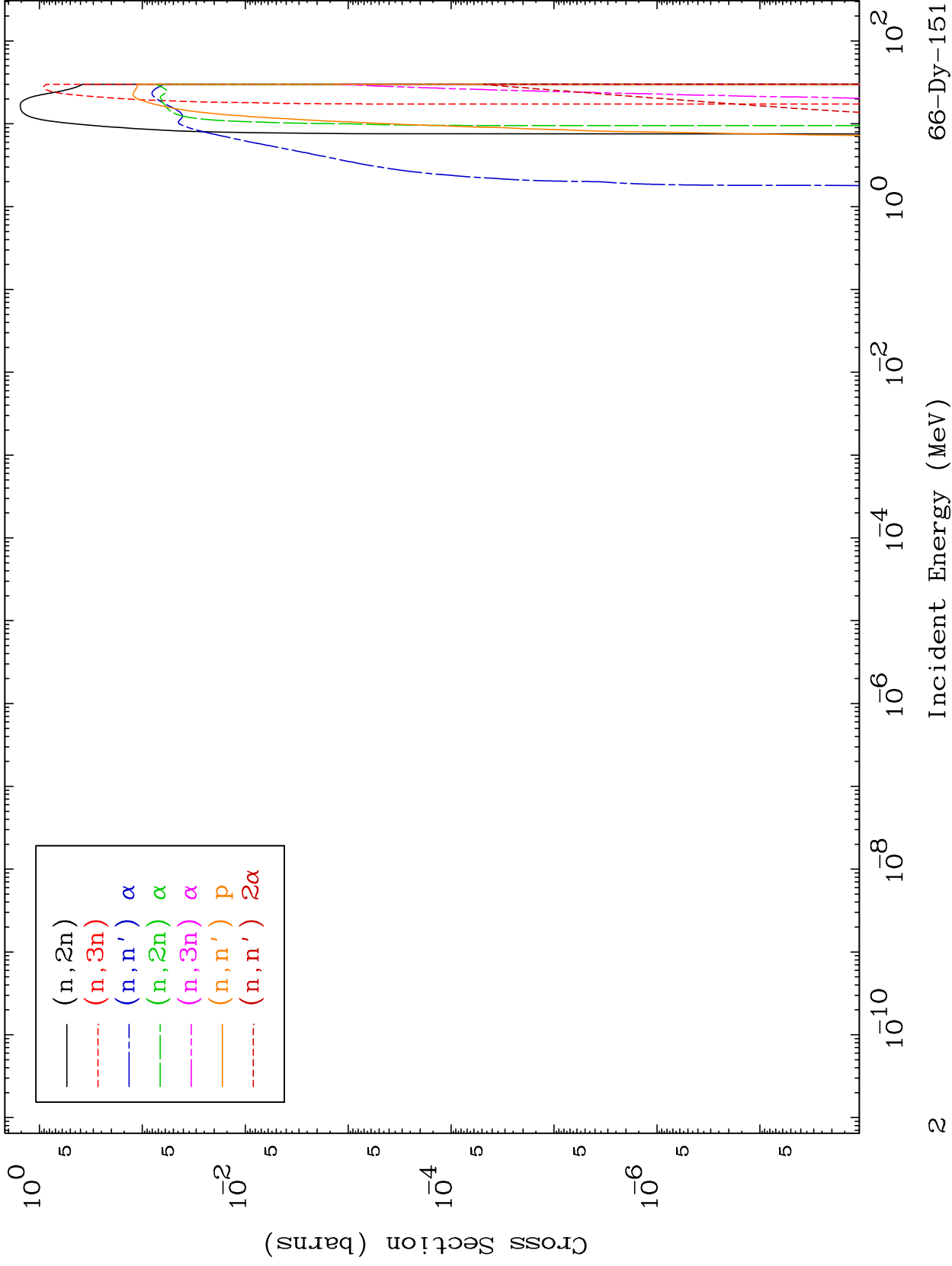
66-Dy-151

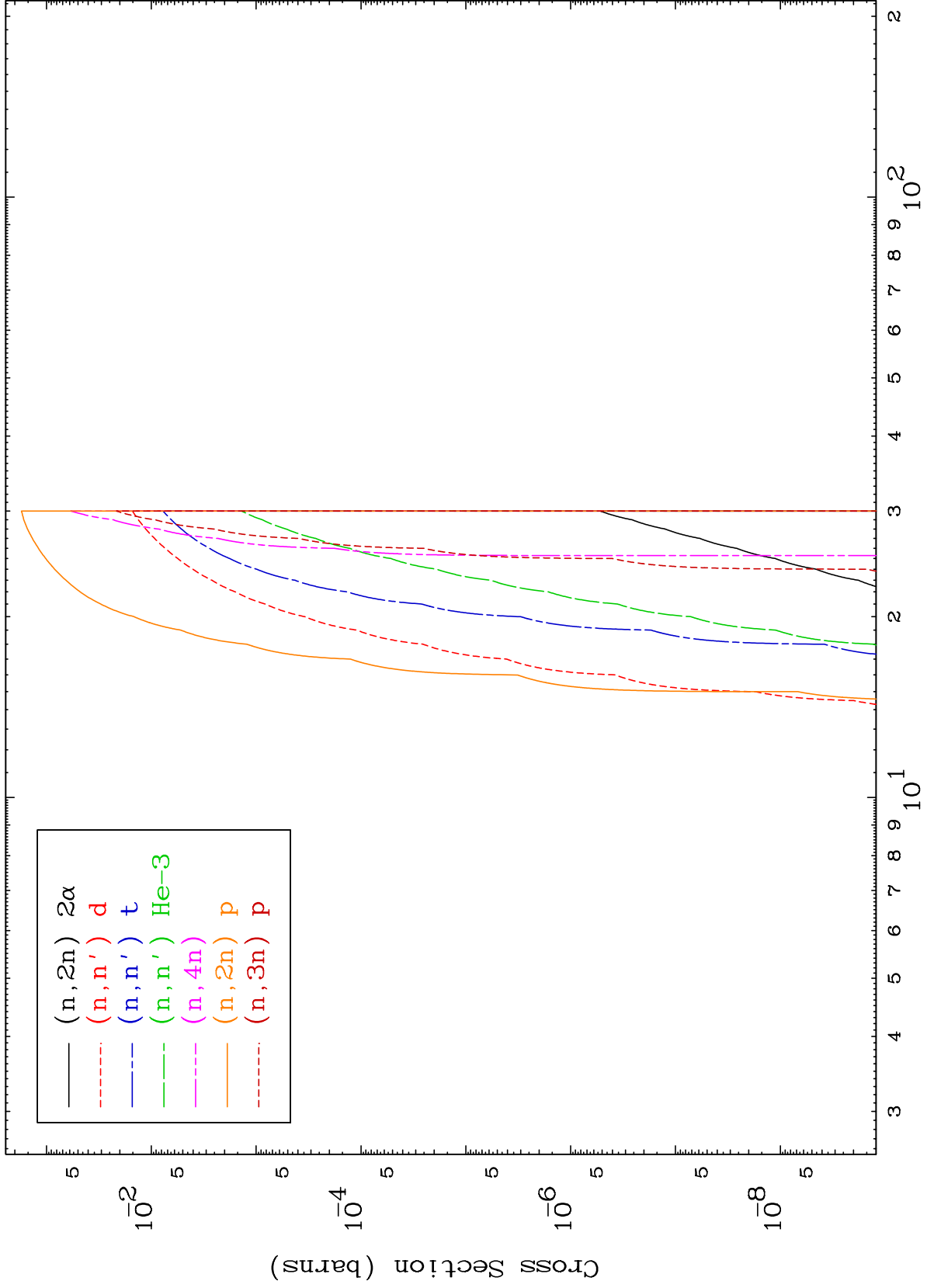


MAT 6610

Neutron Production  
293 Kelvin Cross Sections

66-Dy-151

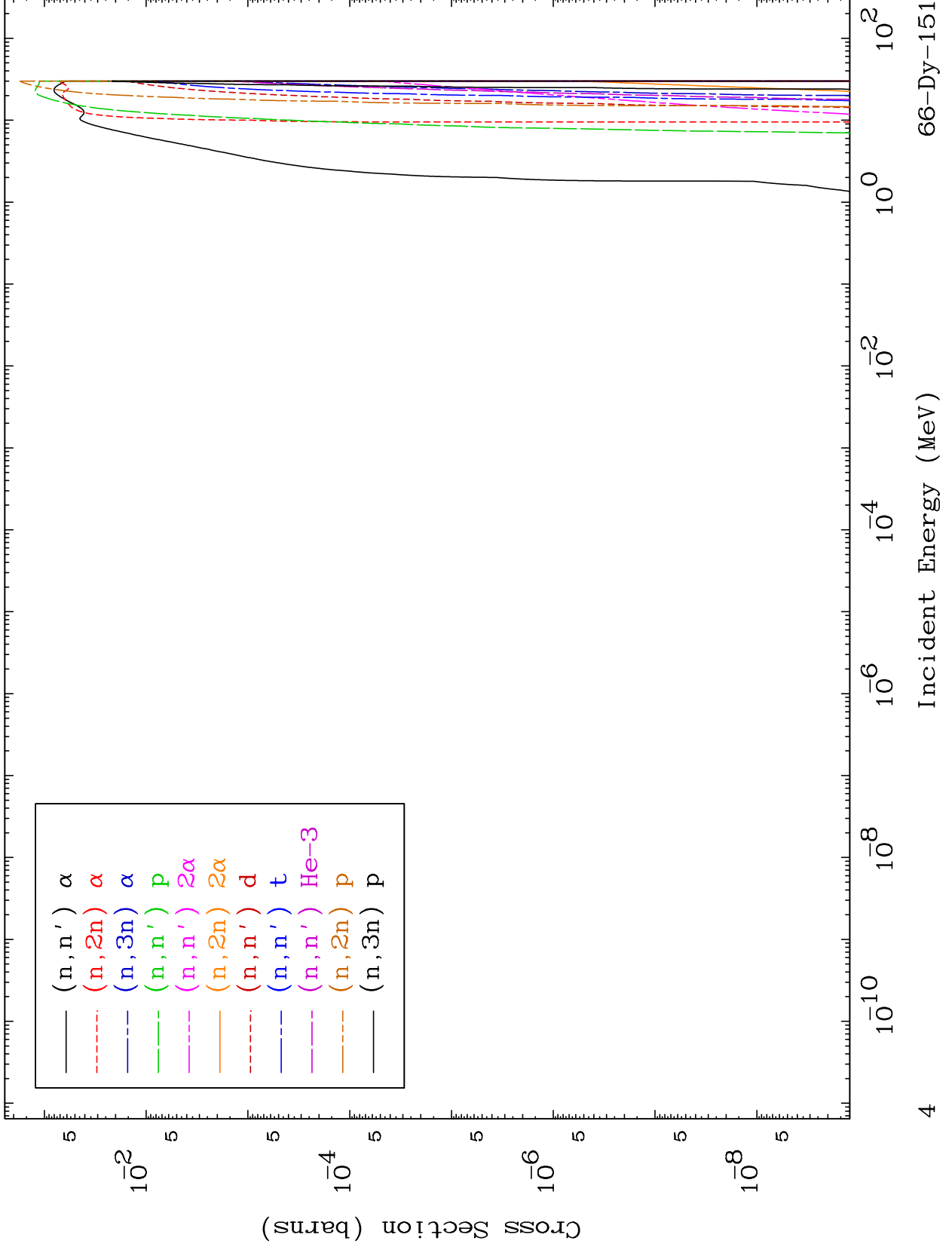




MAT 6610

Charged Particle  
293 Kelvin Cross Sections

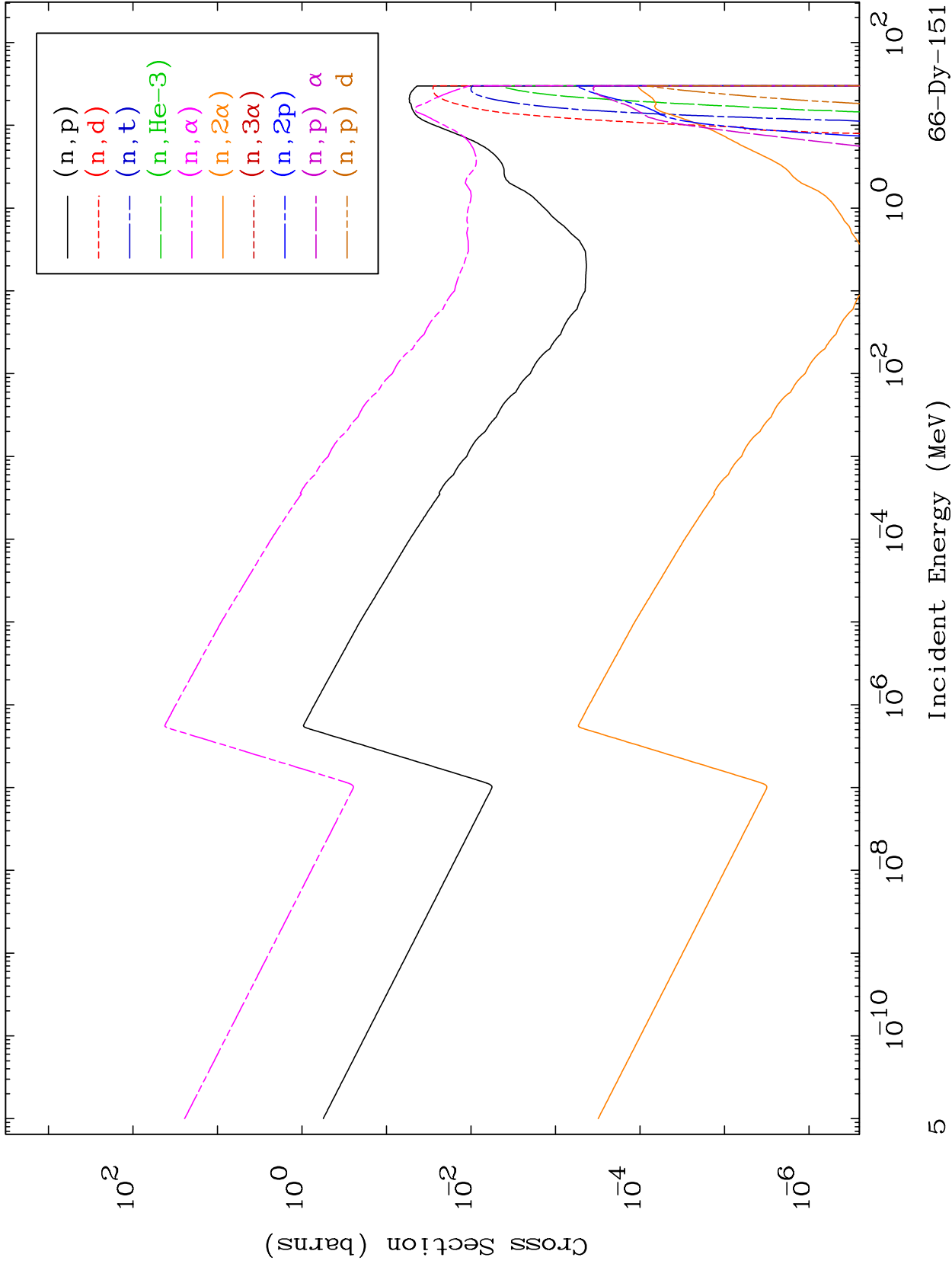
66-Dy-151



MAT 6610

Charged Particle  
293 Kelvin Cross Sections

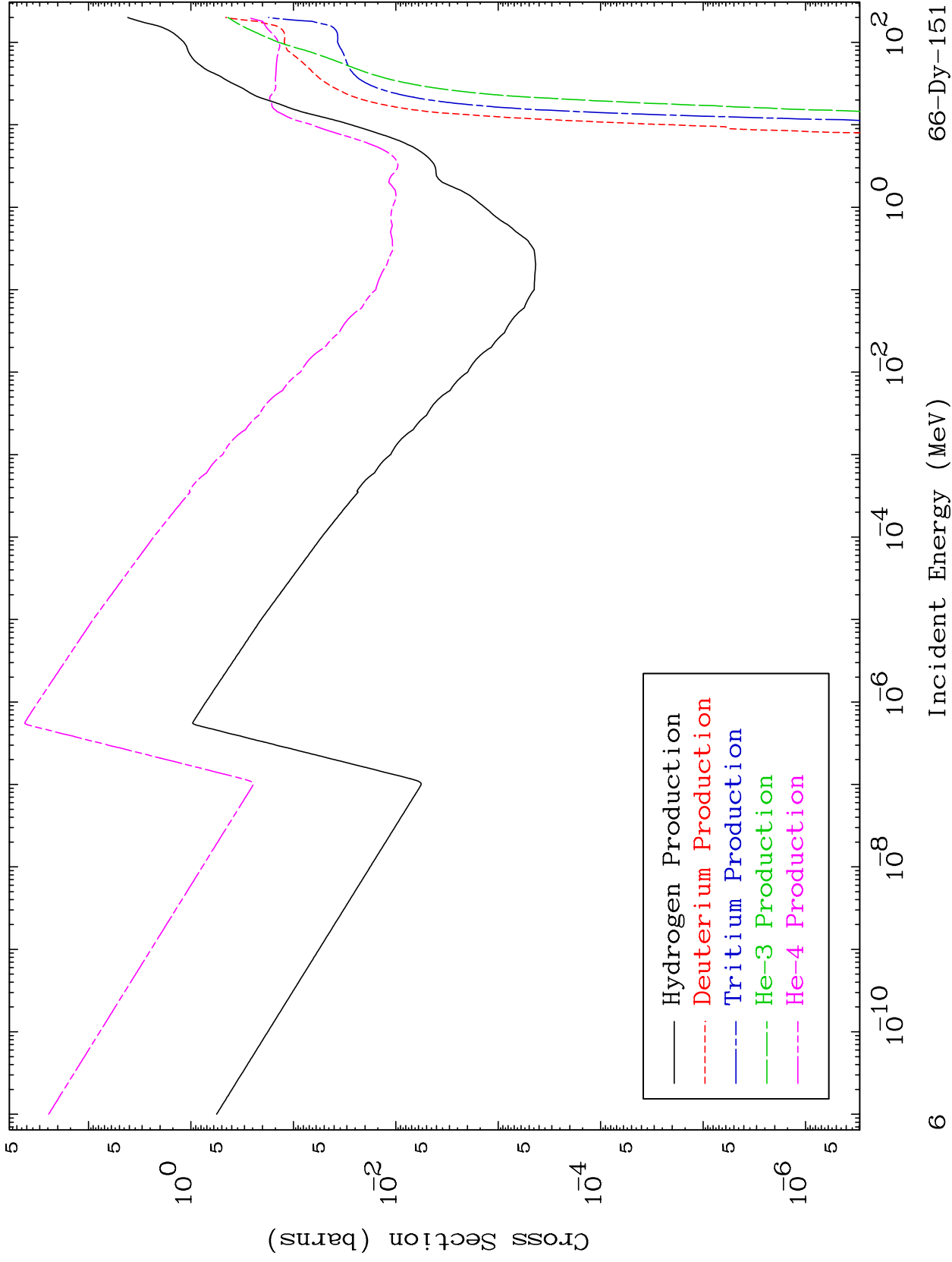
66-Dy-151



MAT 6610

Particle Production  
293 Kelvin Cross Sections

66-Dy-151

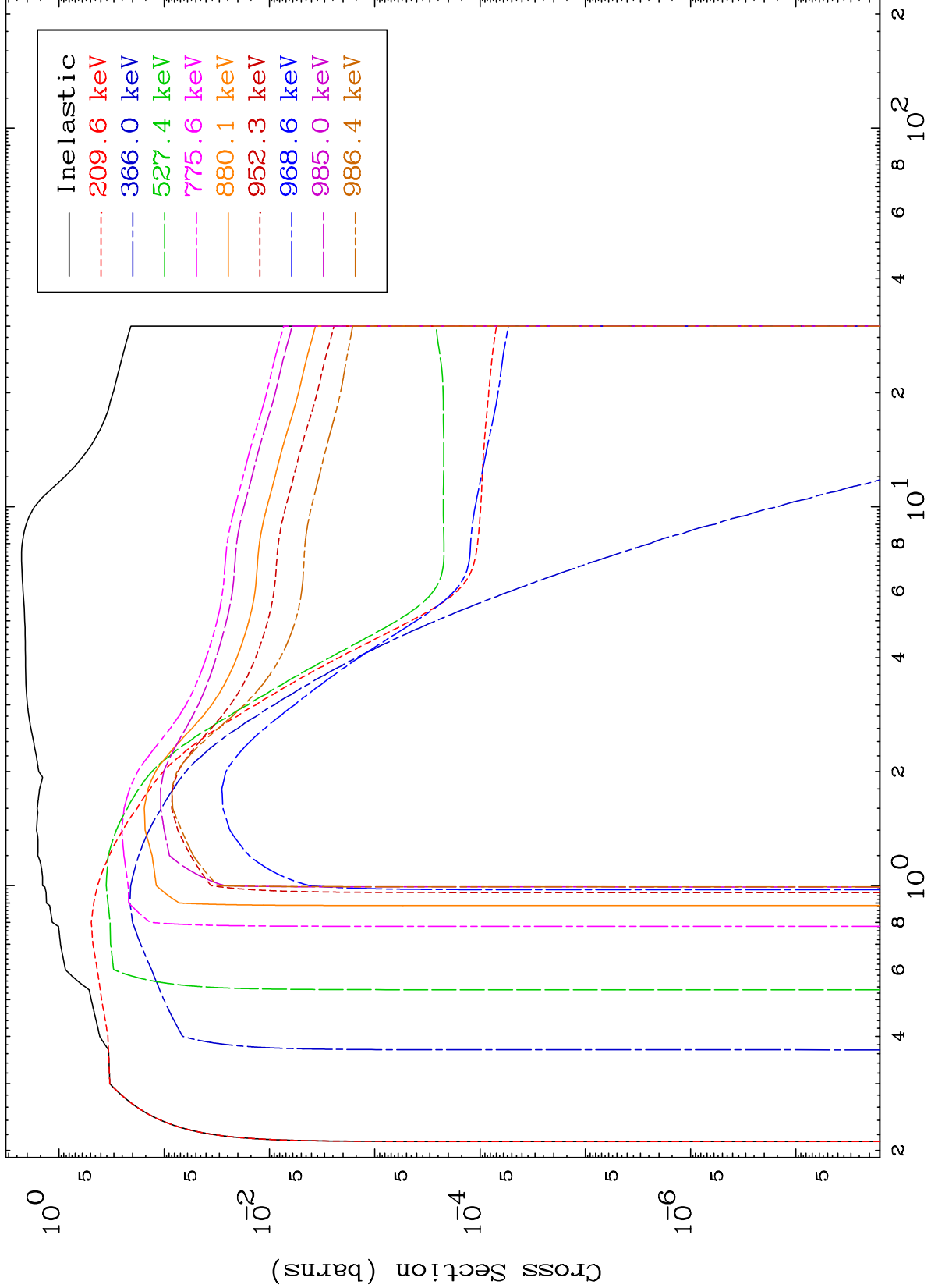


MAT 6610

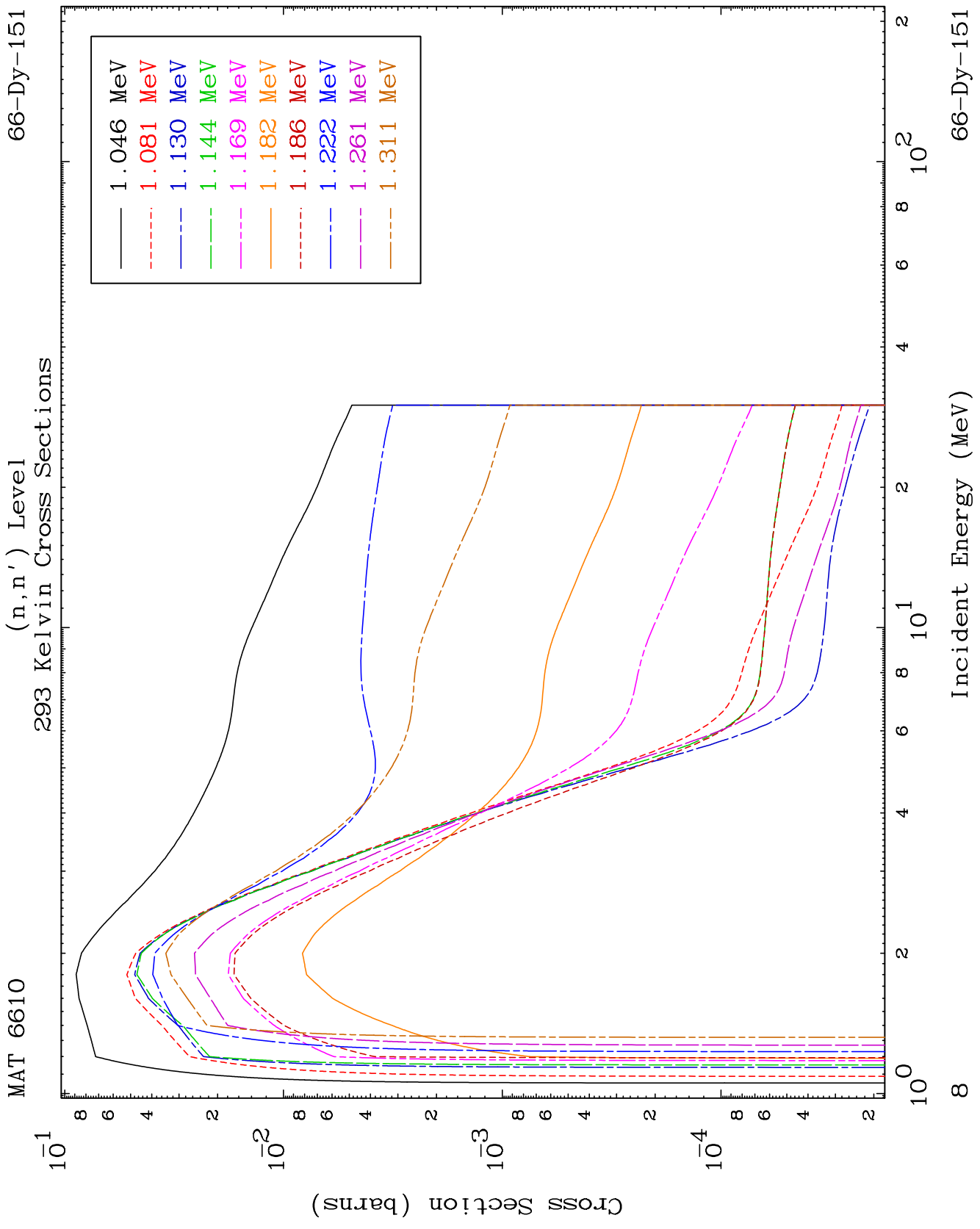
(n,n') Level

66-Dy-151

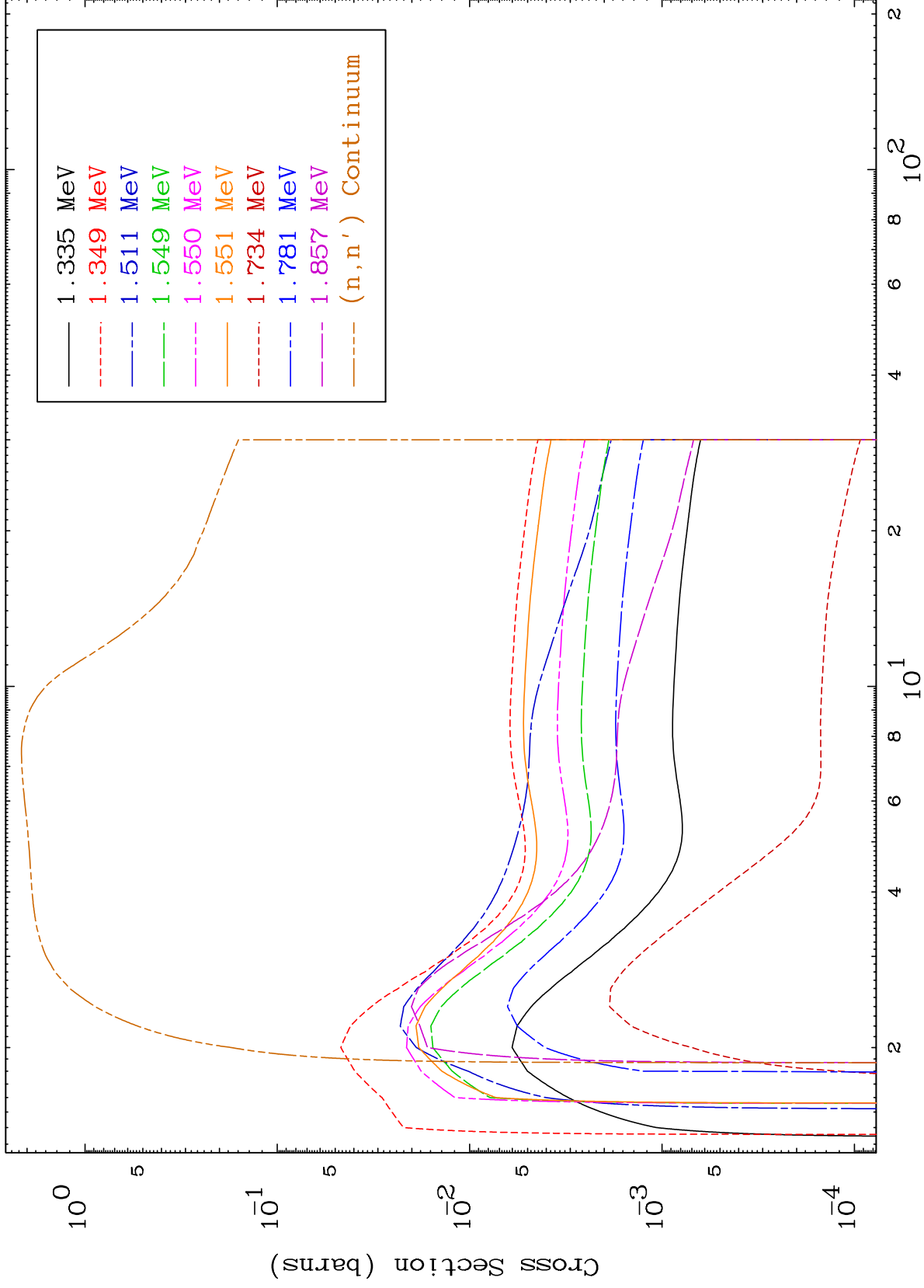
293 Kelvin Cross Sections

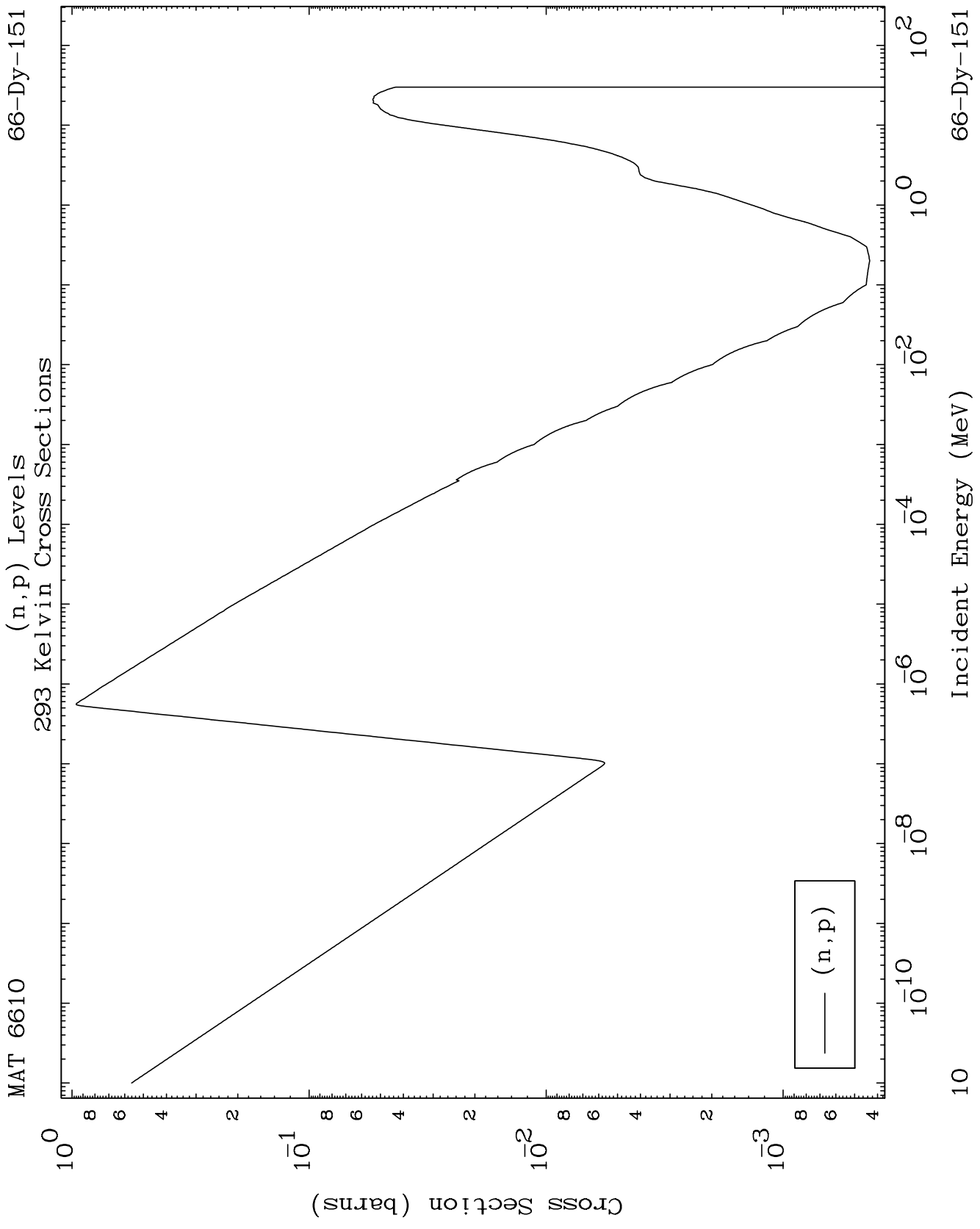






293 Kelvin Cross Sections

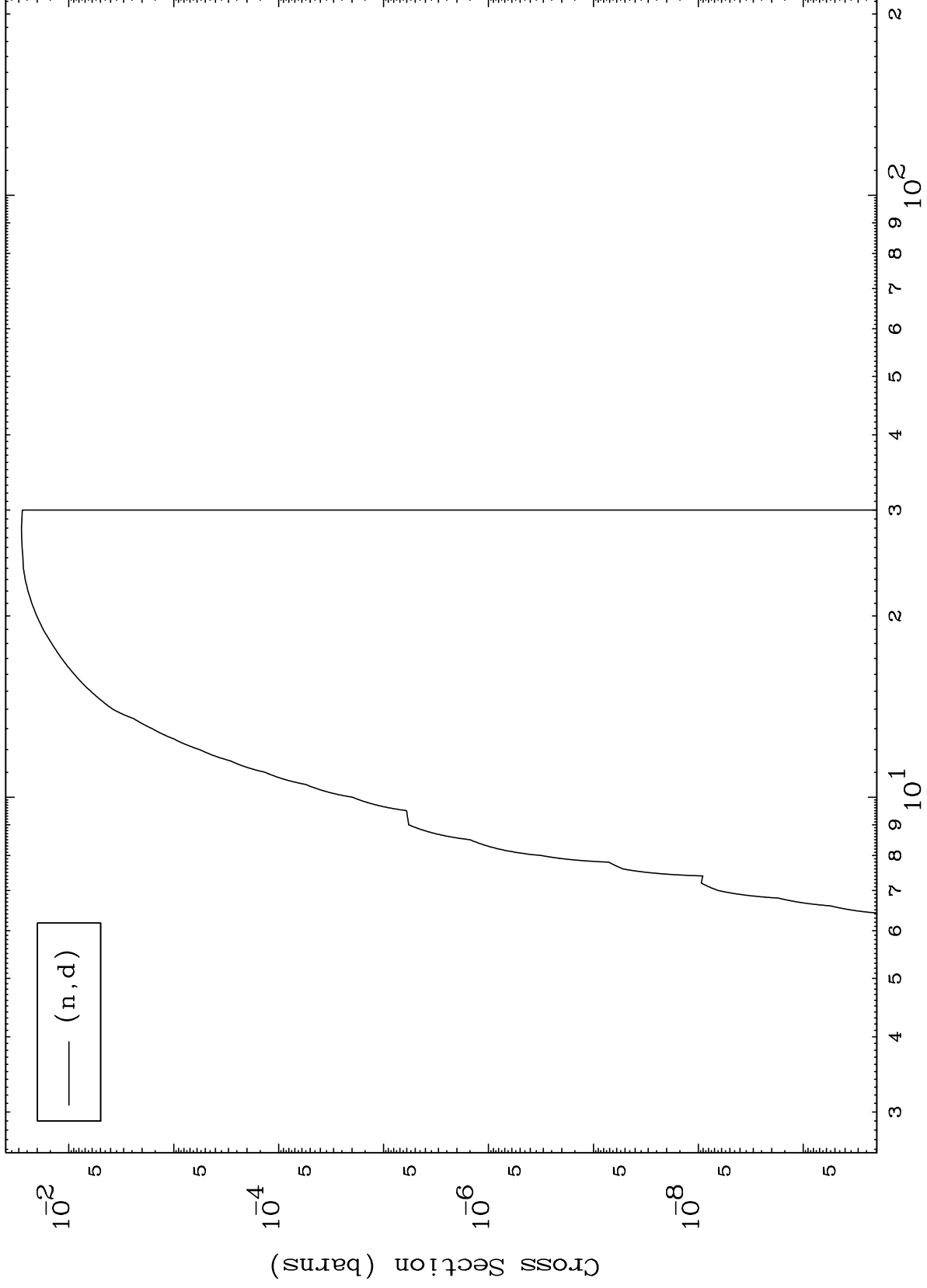




MAT 6610

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-151



11

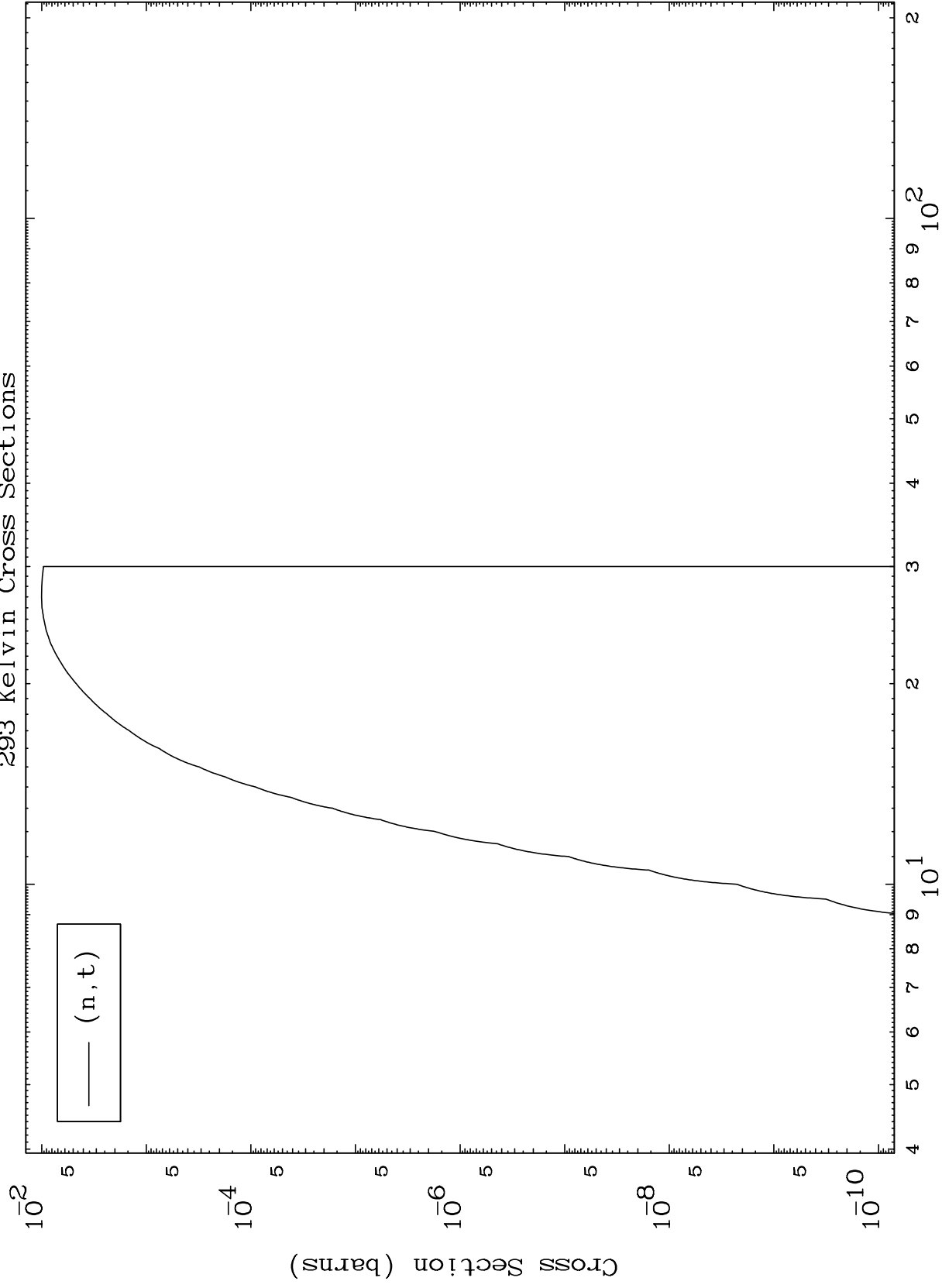
Incident Energy (MeV)

66-Dy-151

MAT 6610

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-151



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Incident Energy (MeV)

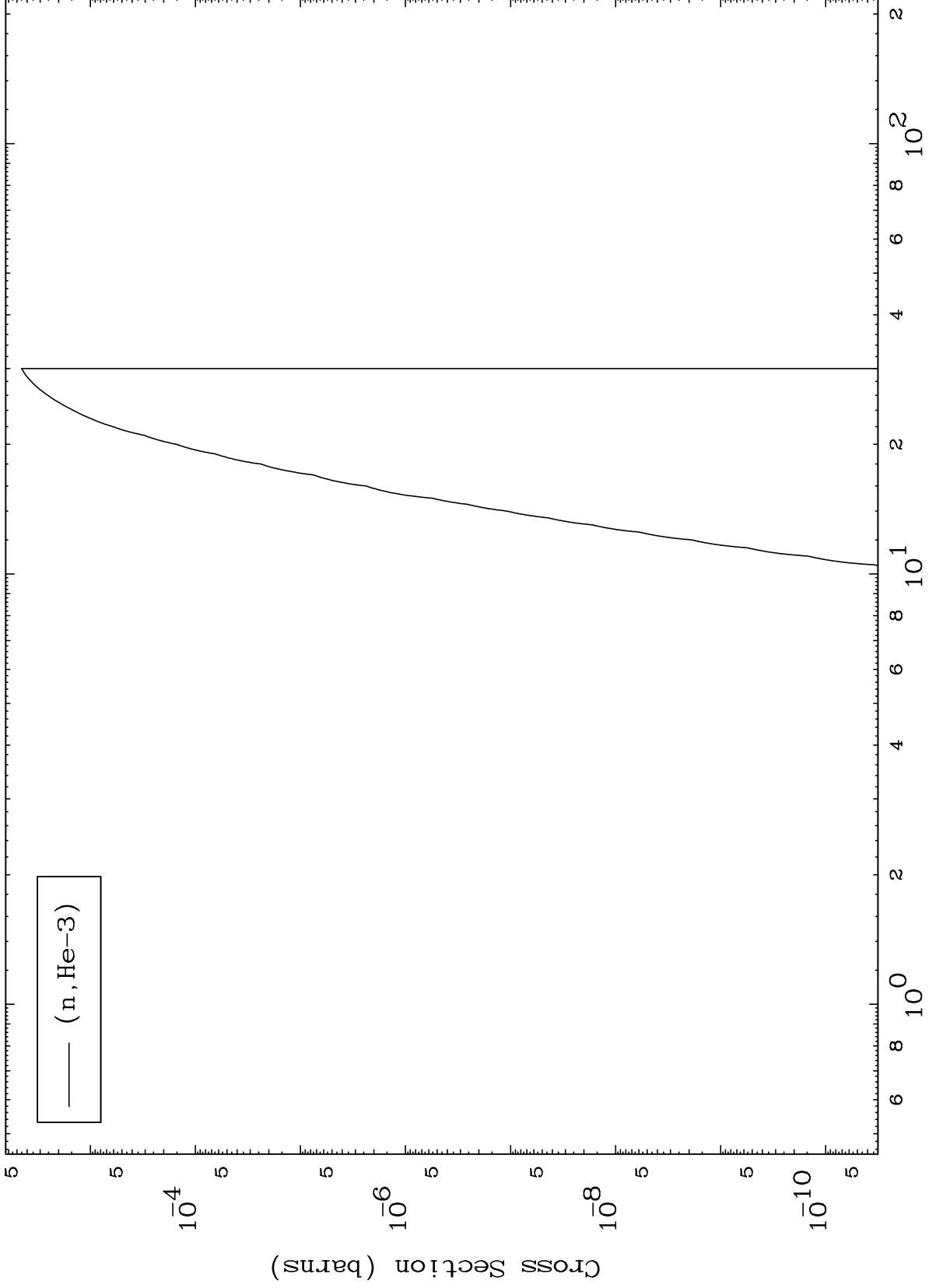
66-Dy-151

MAT 6610

(n,He3) Levels

66-Dy-151

293 Kelvin Cross Sections



13

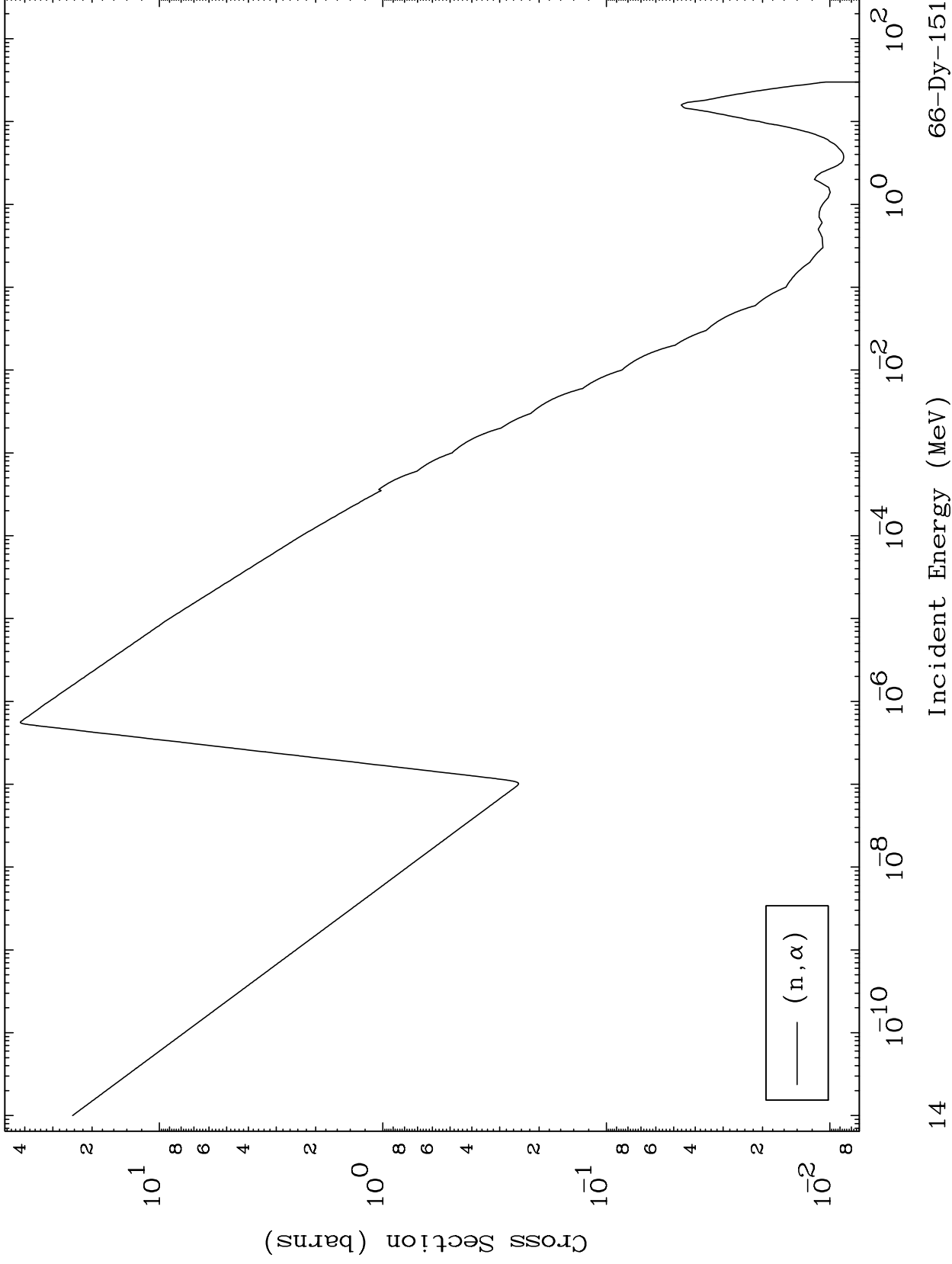
Incident Energy (MeV)

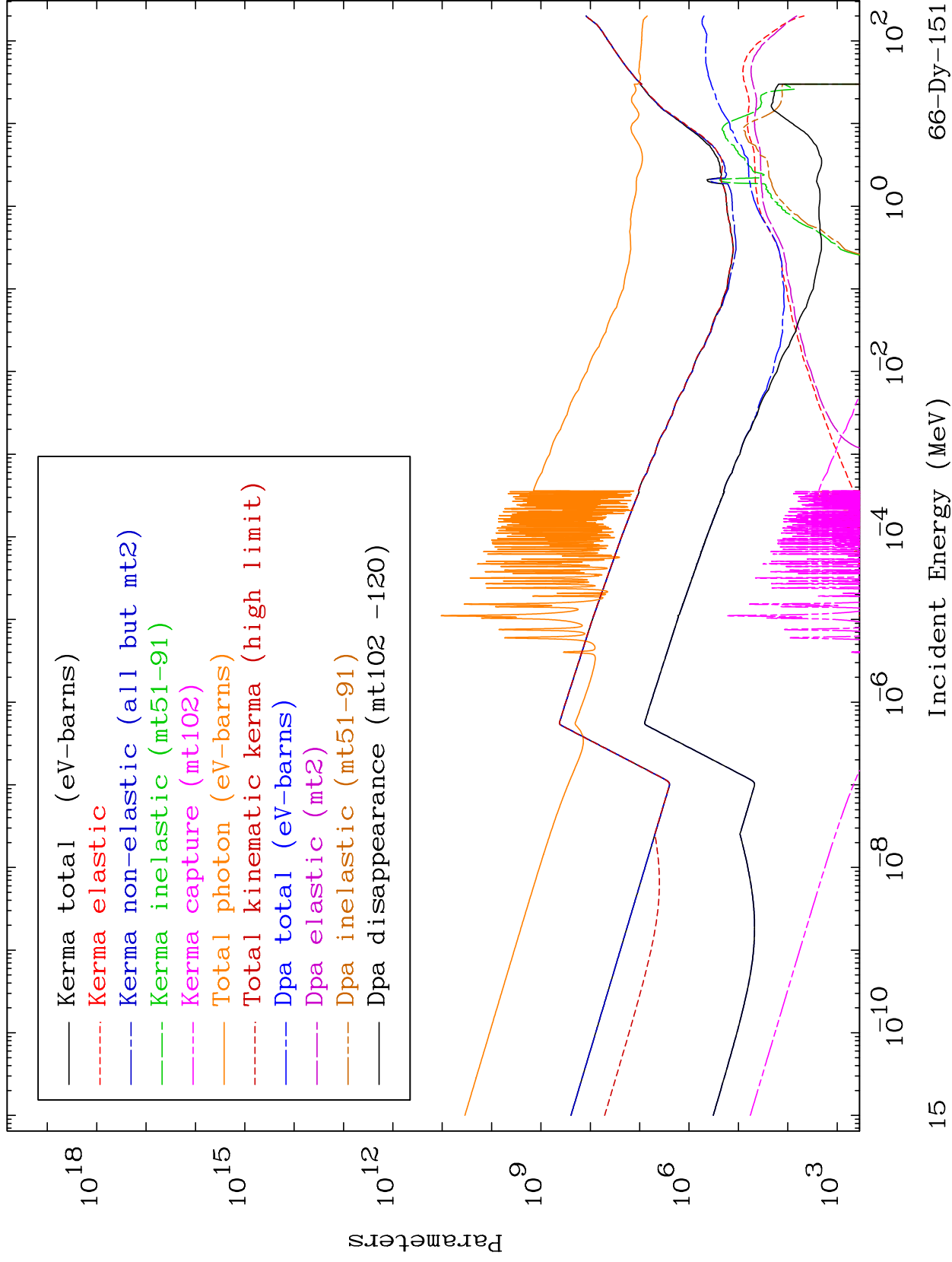
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MAT 6610

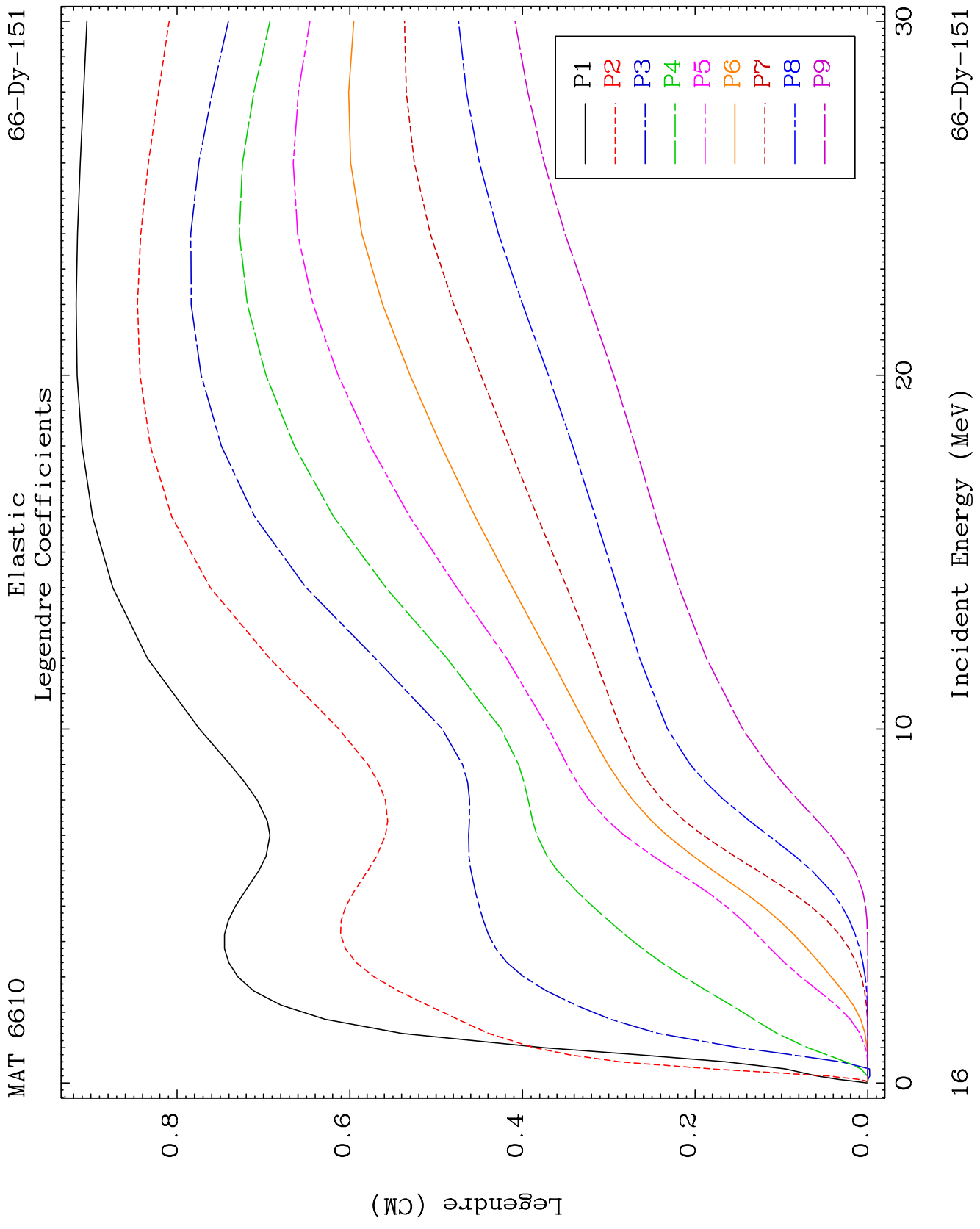
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

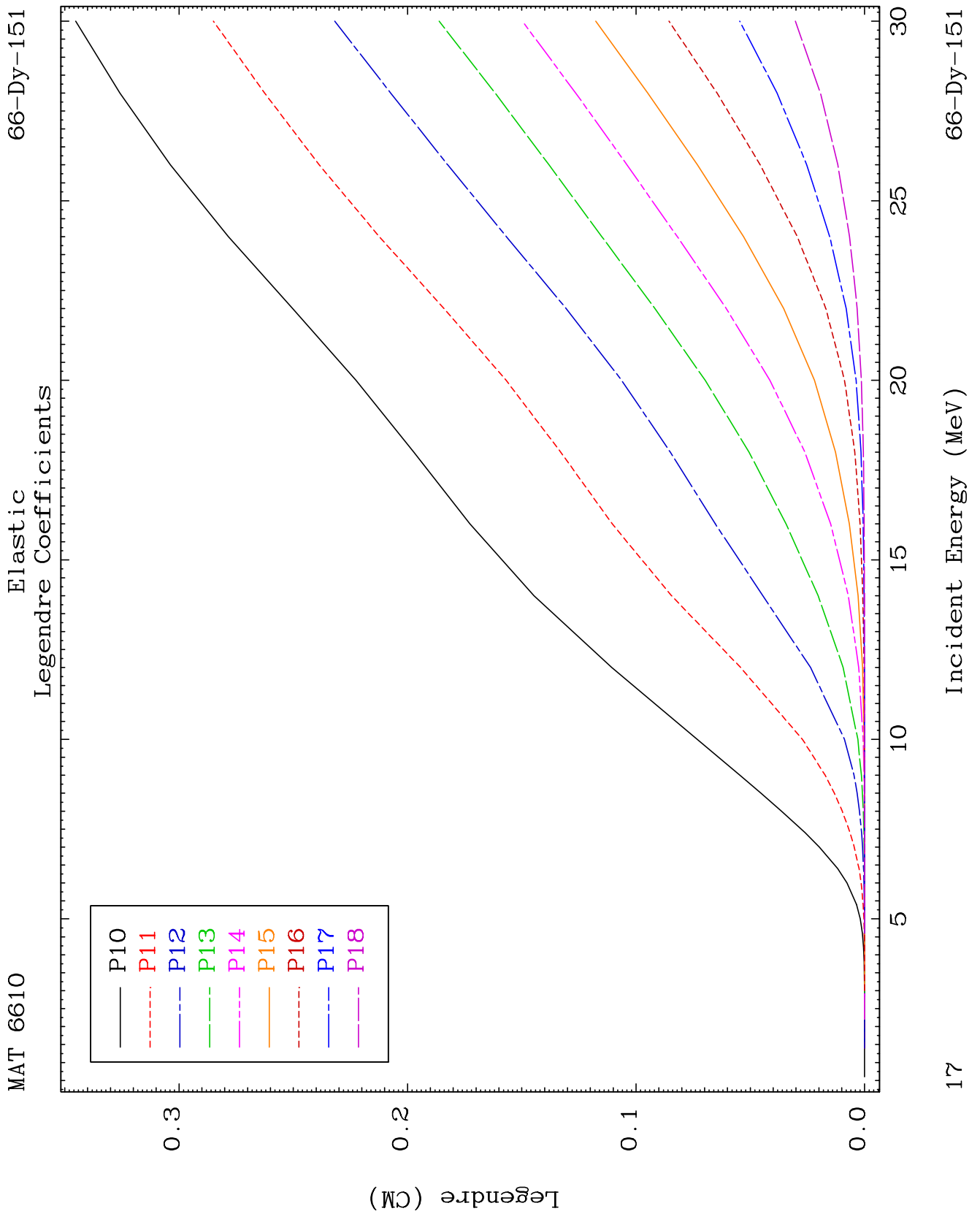
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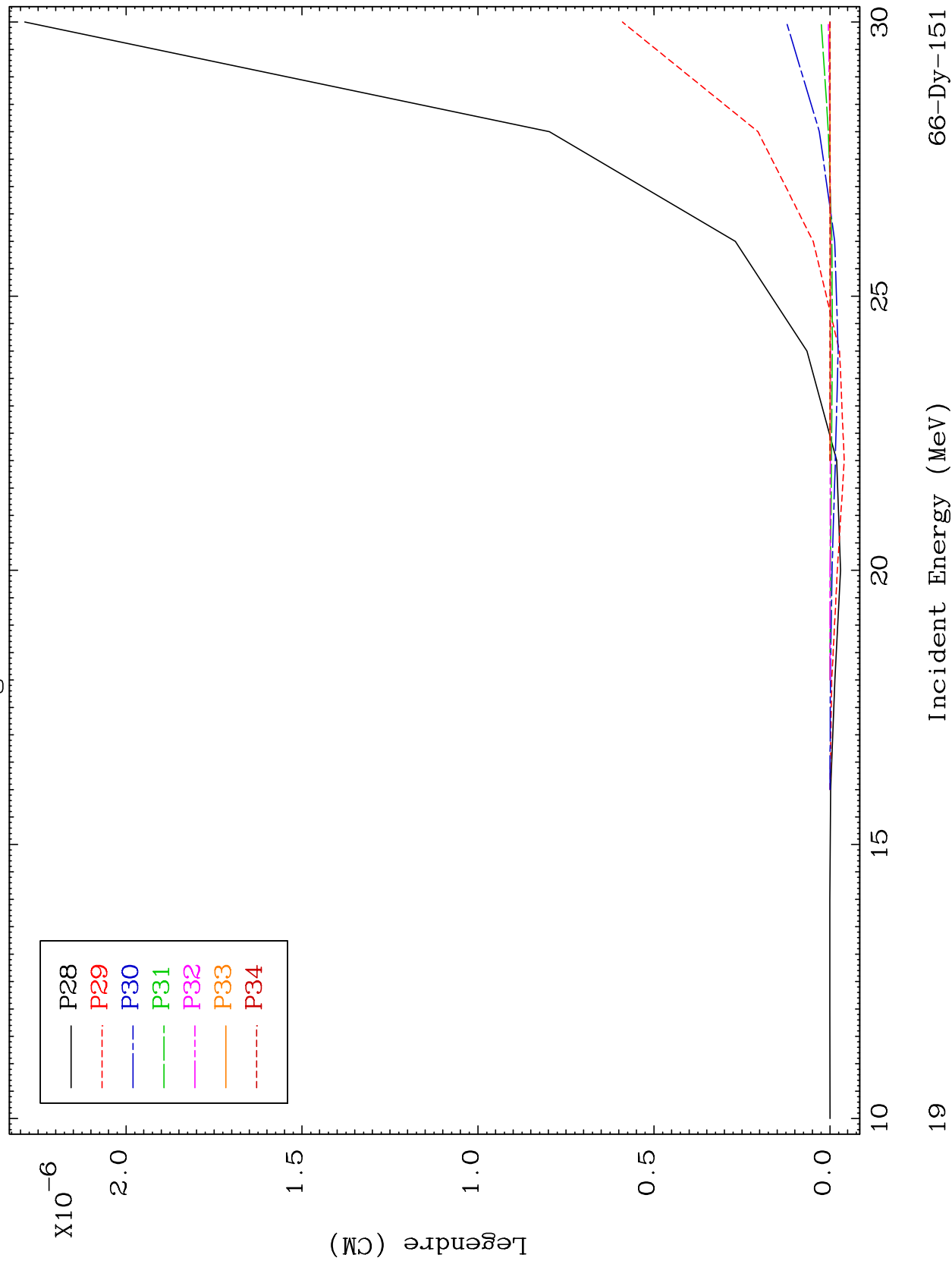




MAT 6610

Elastic Legendre Coefficients

66-Dy-151



19

Incident Energy (MeV)

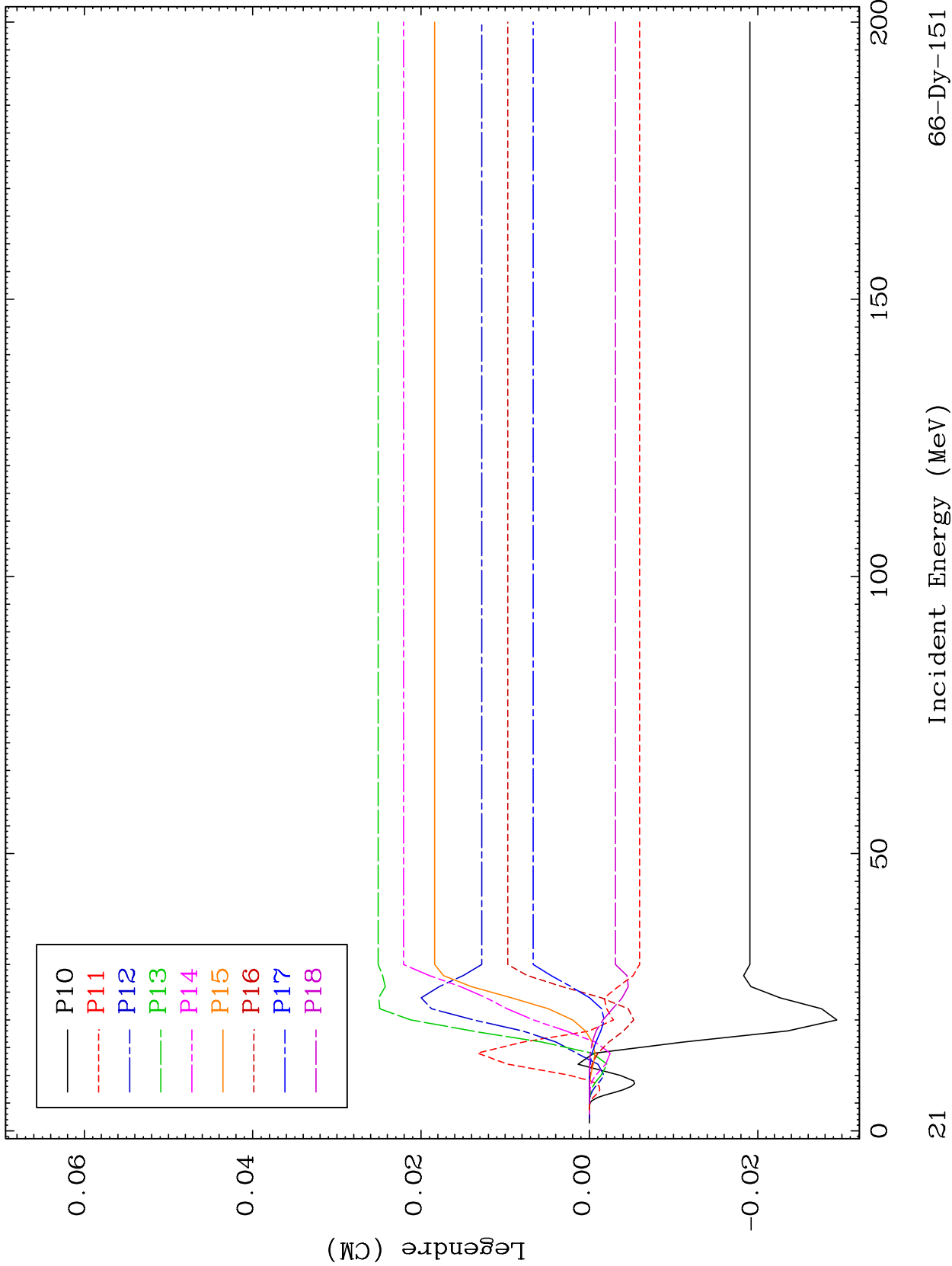
66-Dy-151



MAT 6610

209.6 keV (n,n') Level  
Legendre Coefficients

66-Dy-151



21

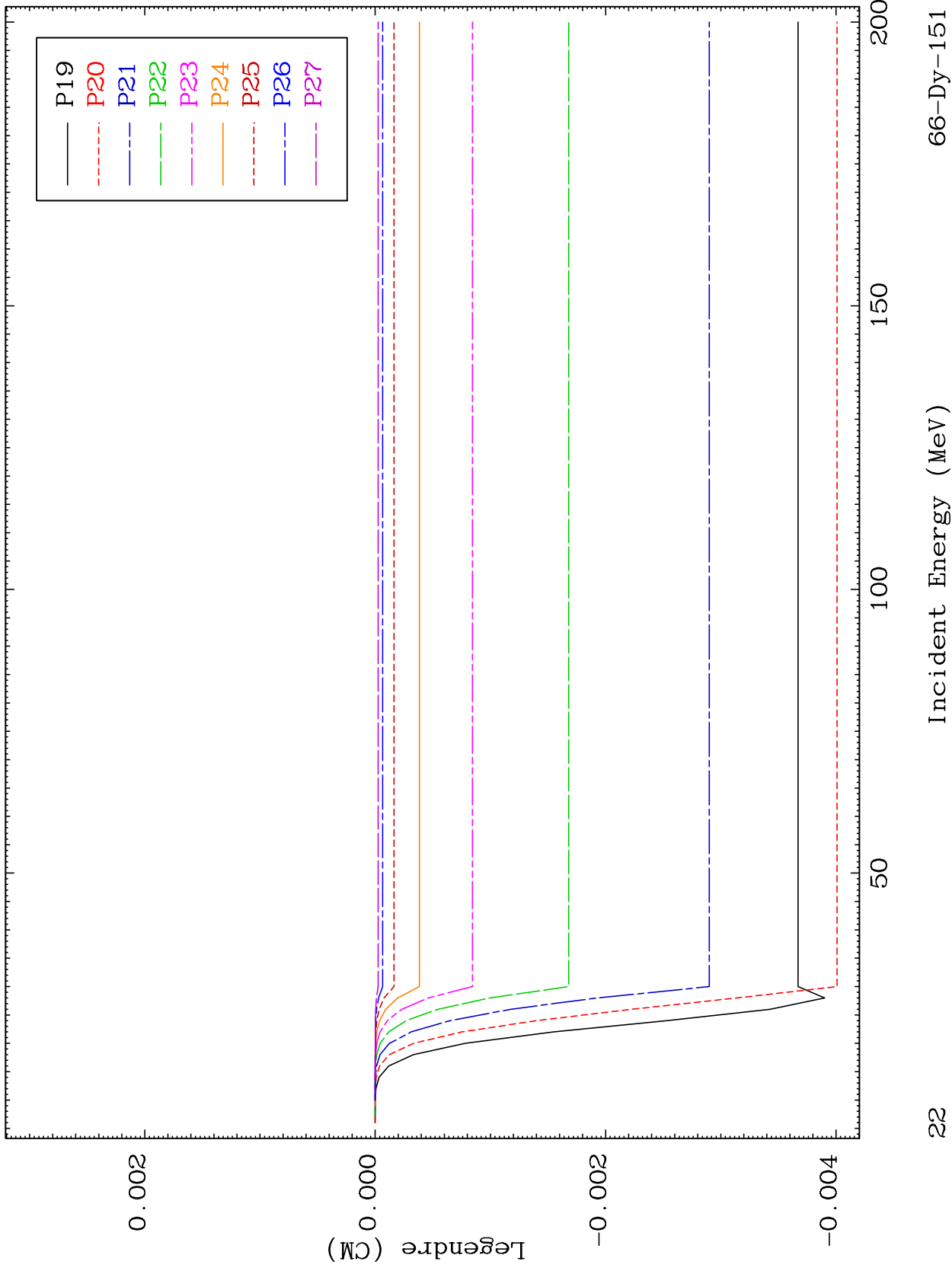
Incident Energy (MeV)

66-Dy-151

MAT 6610

209.6 keV (n,n') Level  
Legendre Coefficients

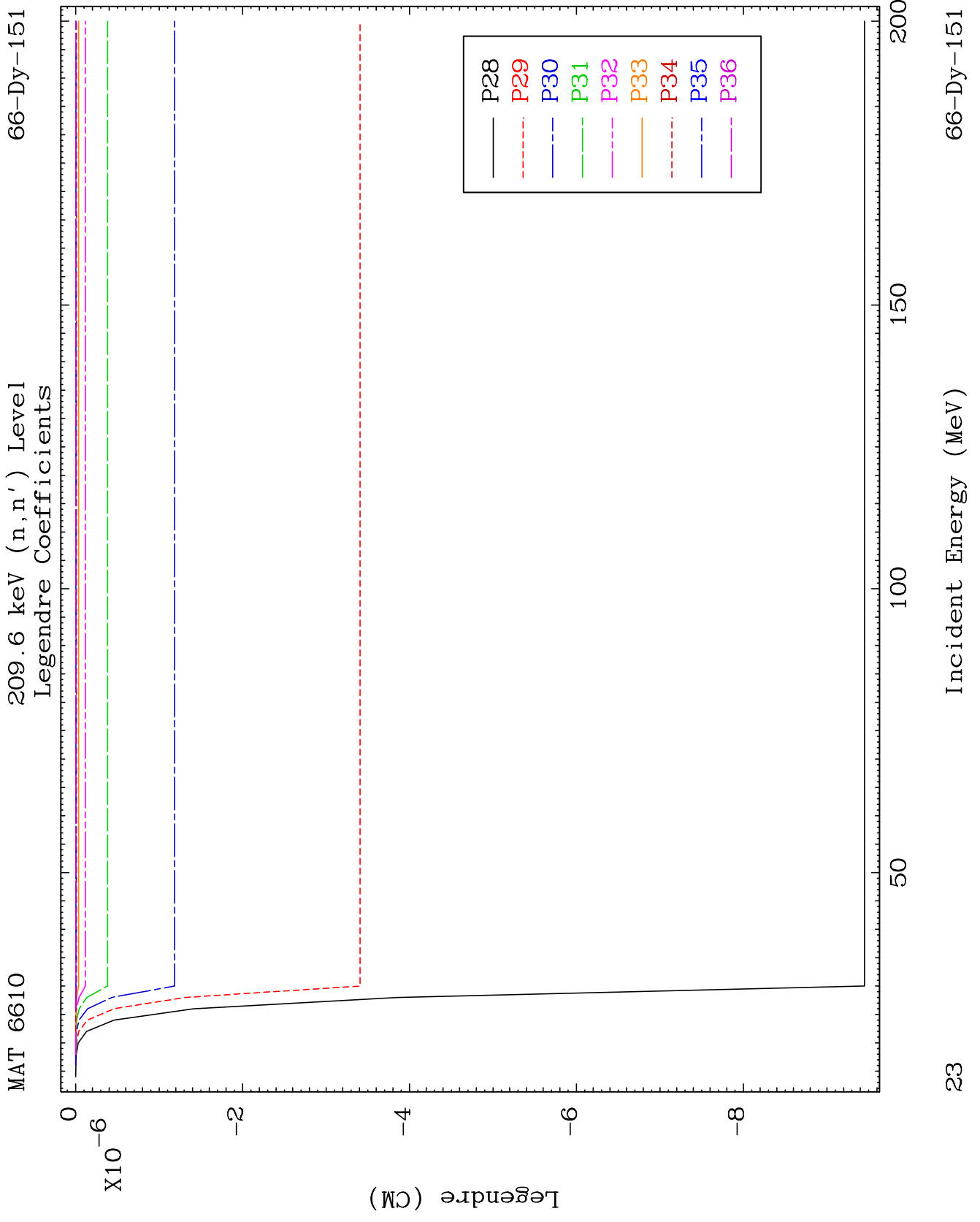
66-Dy-151



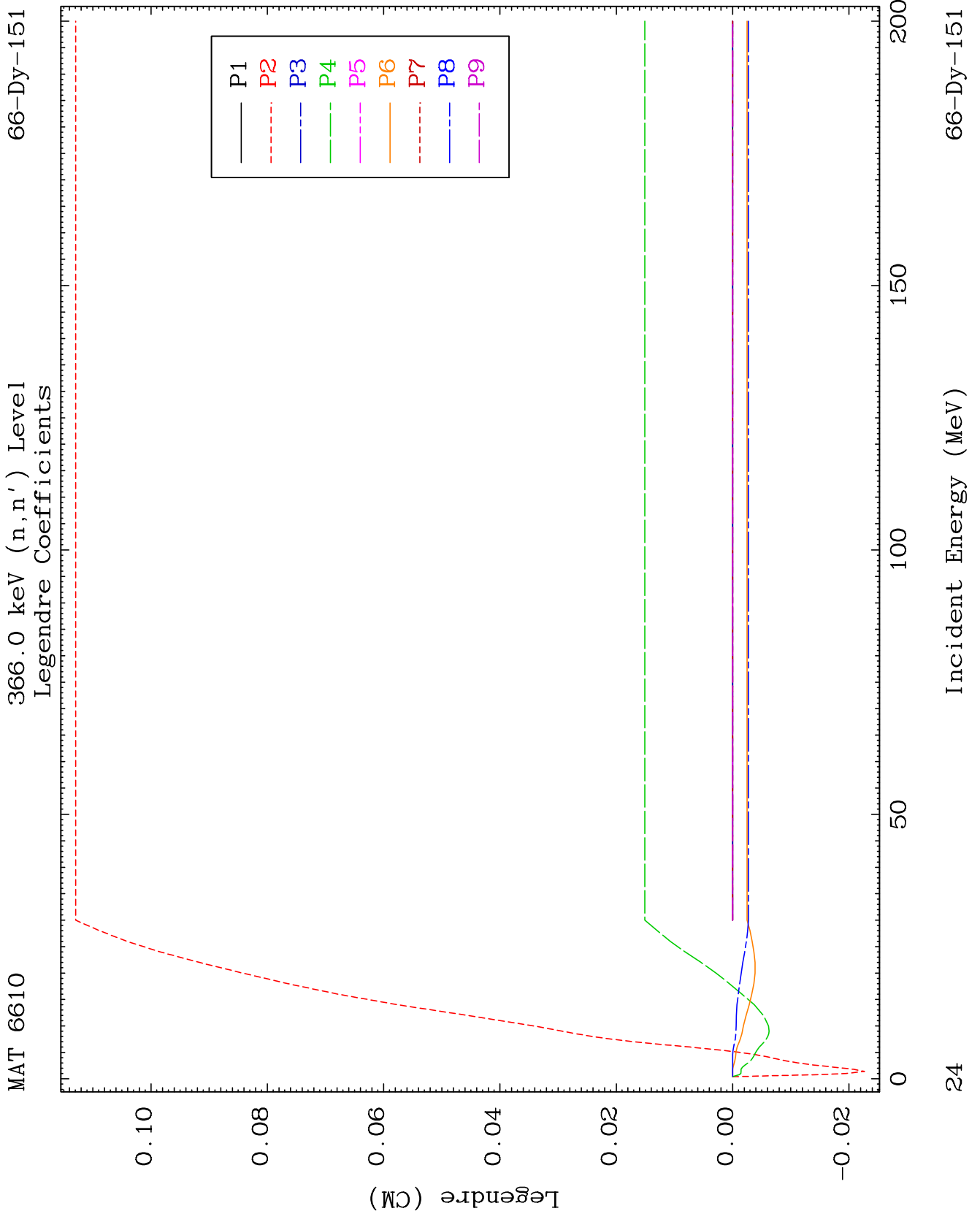
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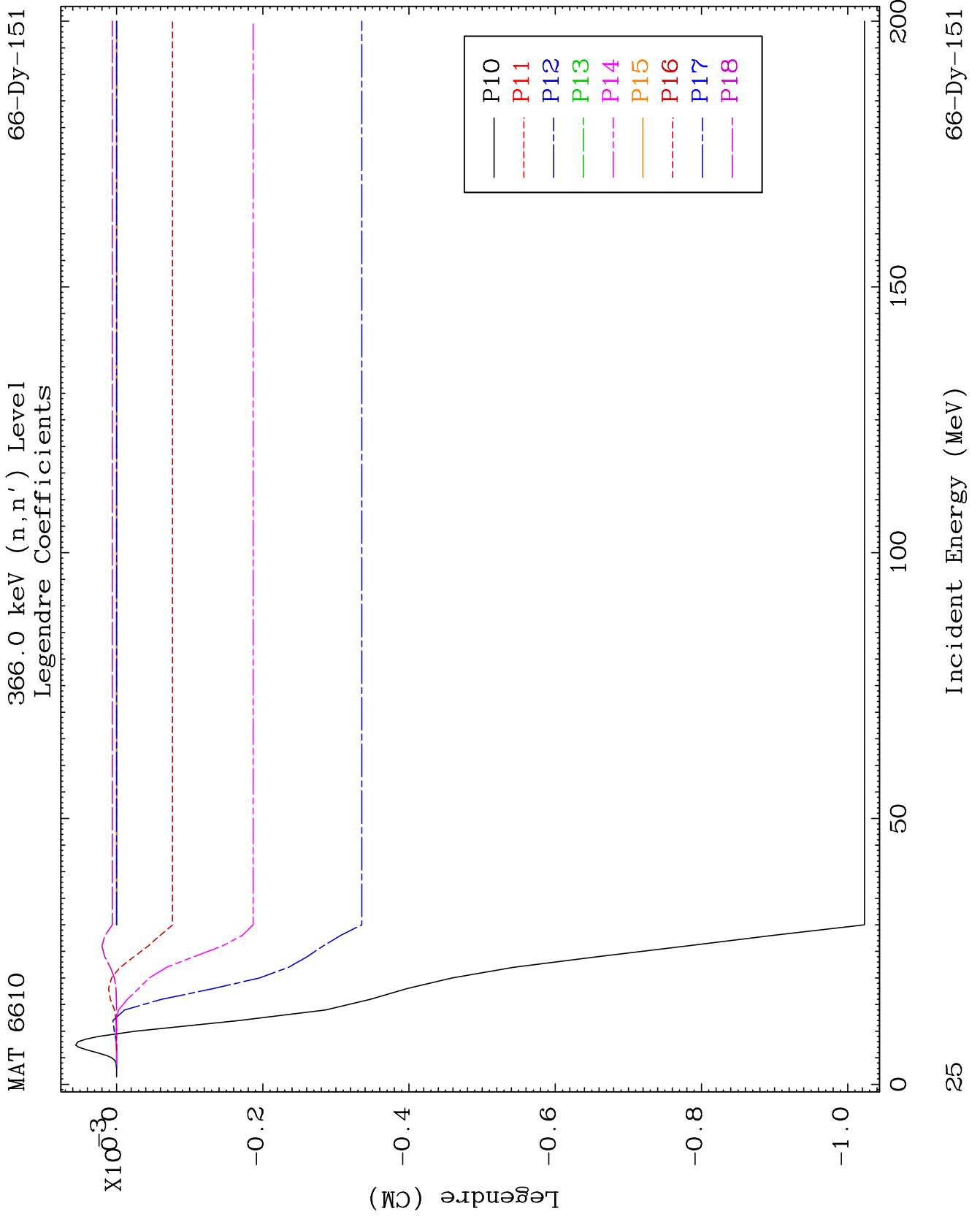
Incident Energy (MeV)

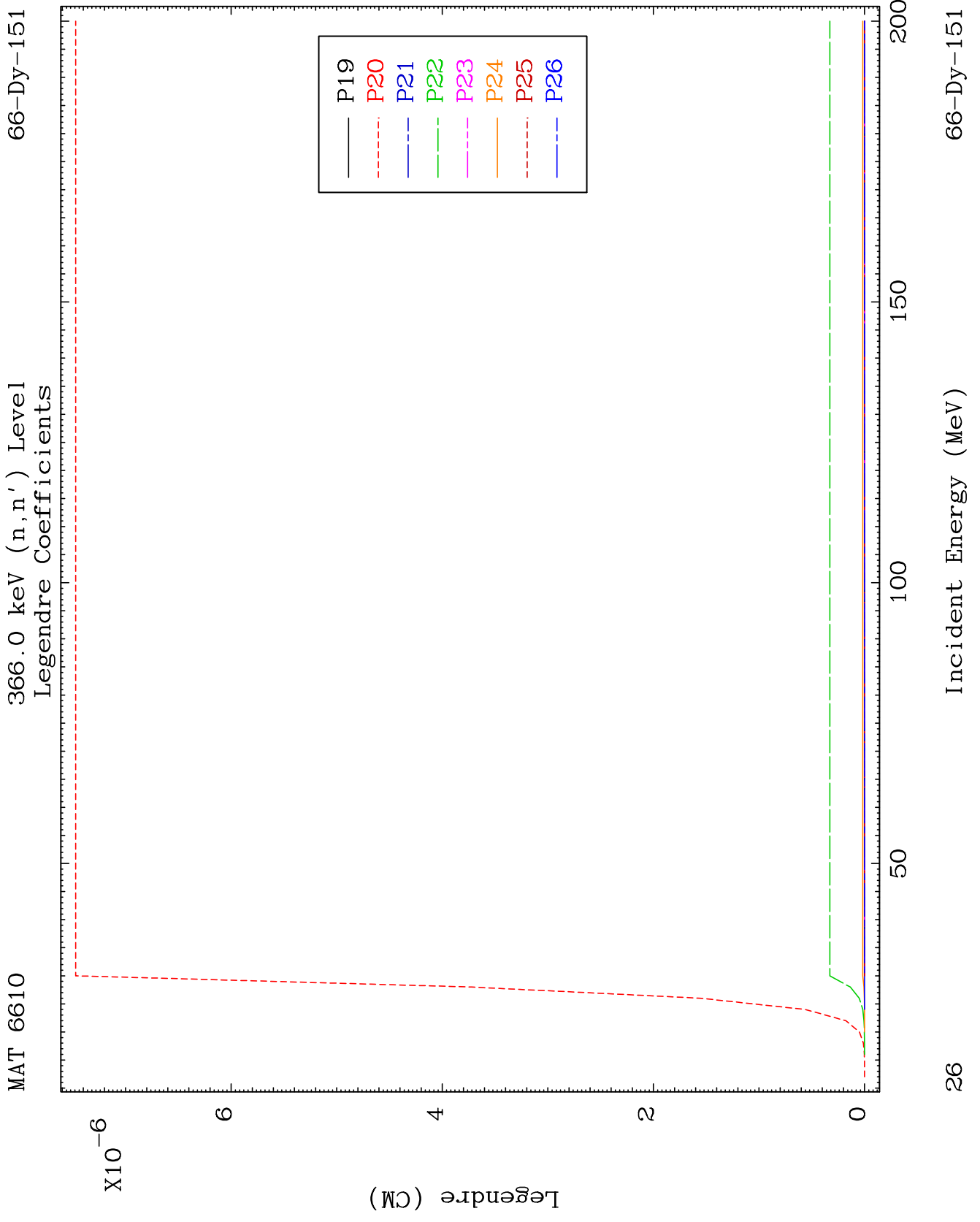
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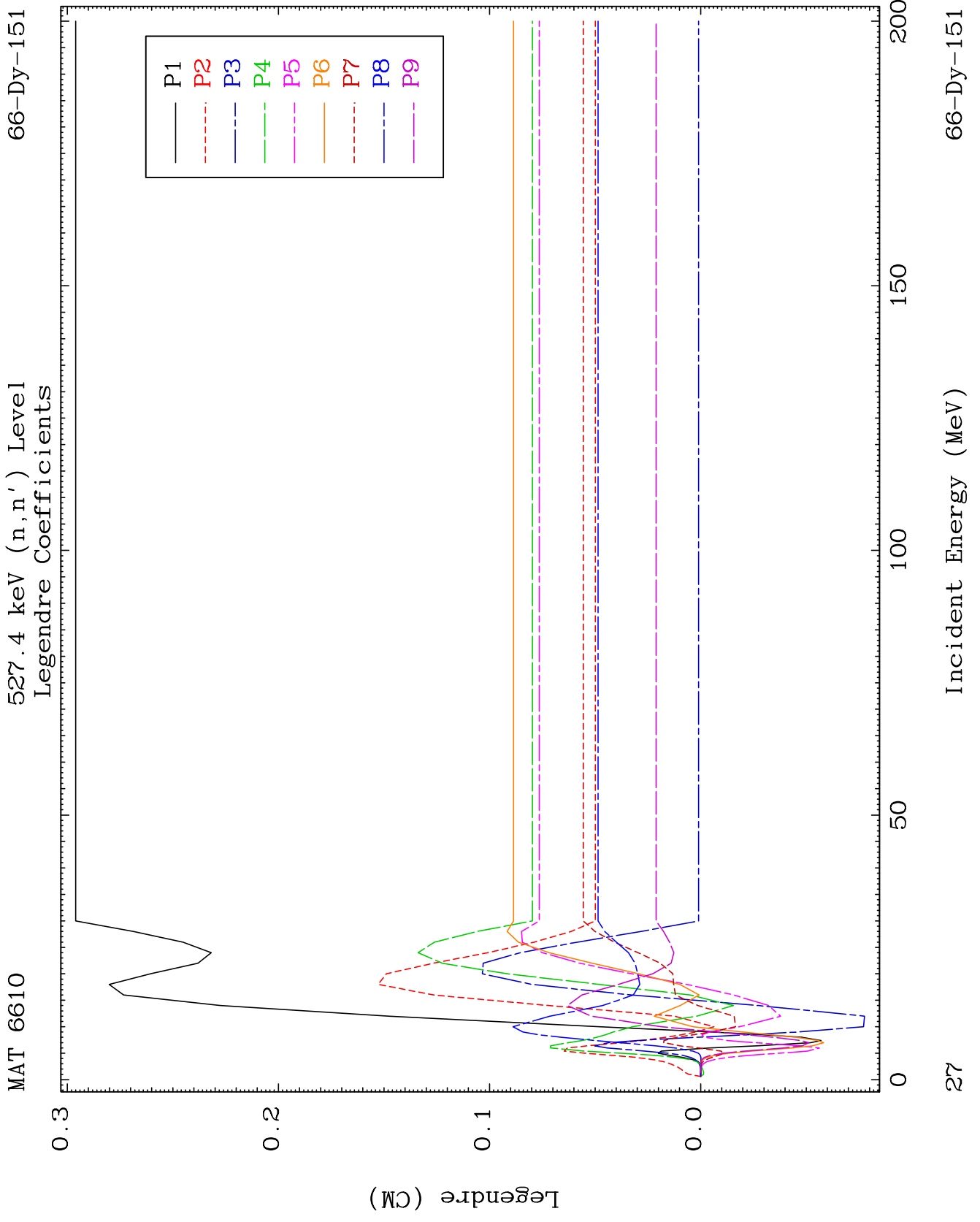








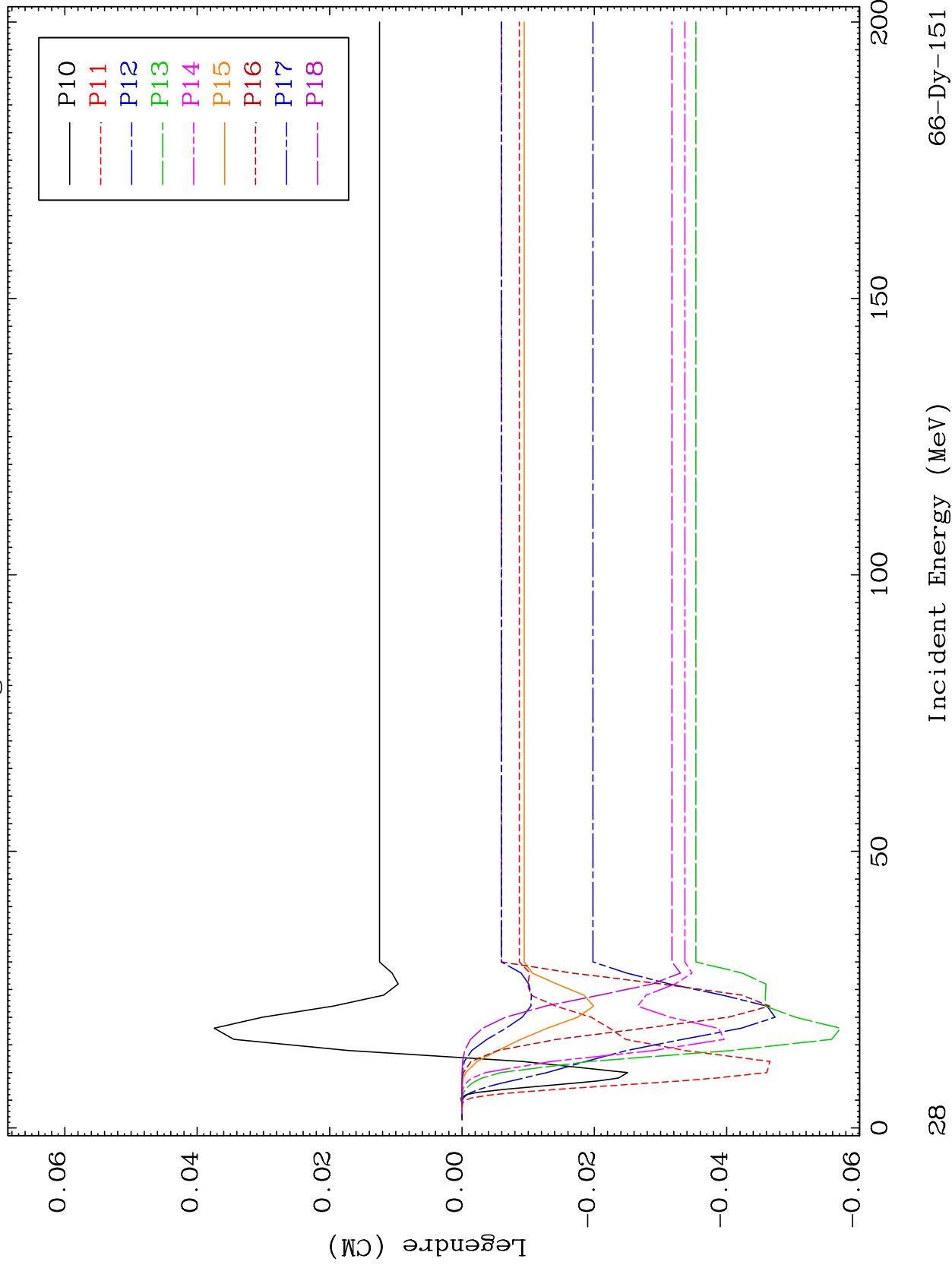




MAT 6610

527.4 keV (n,n') Level  
Legendre Coefficients

66-Dy-151



28

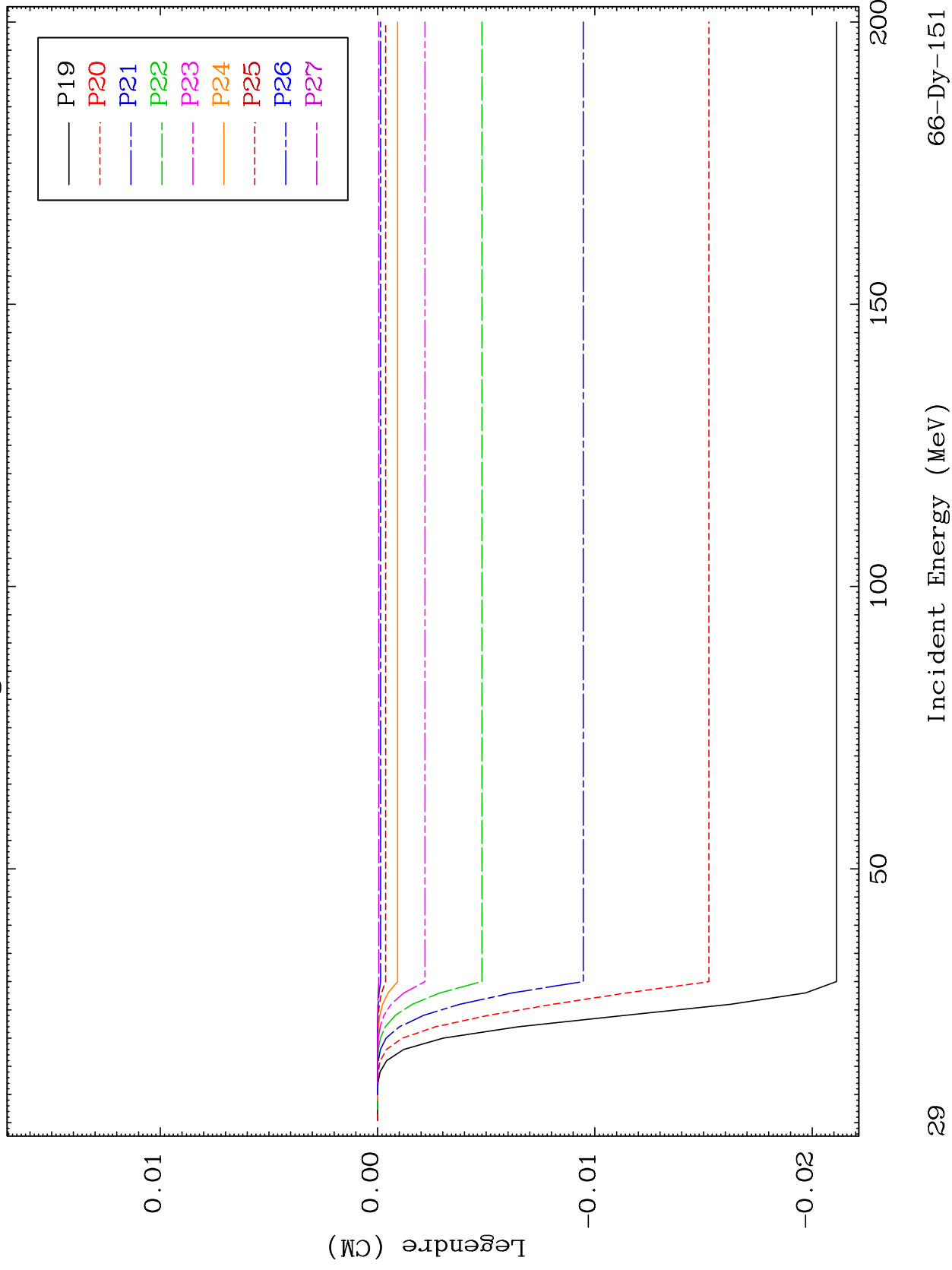
Incident Energy (MeV)

66-Dy-151

MAT 6610

527.4 keV (n,n') Level  
Legendre Coefficients

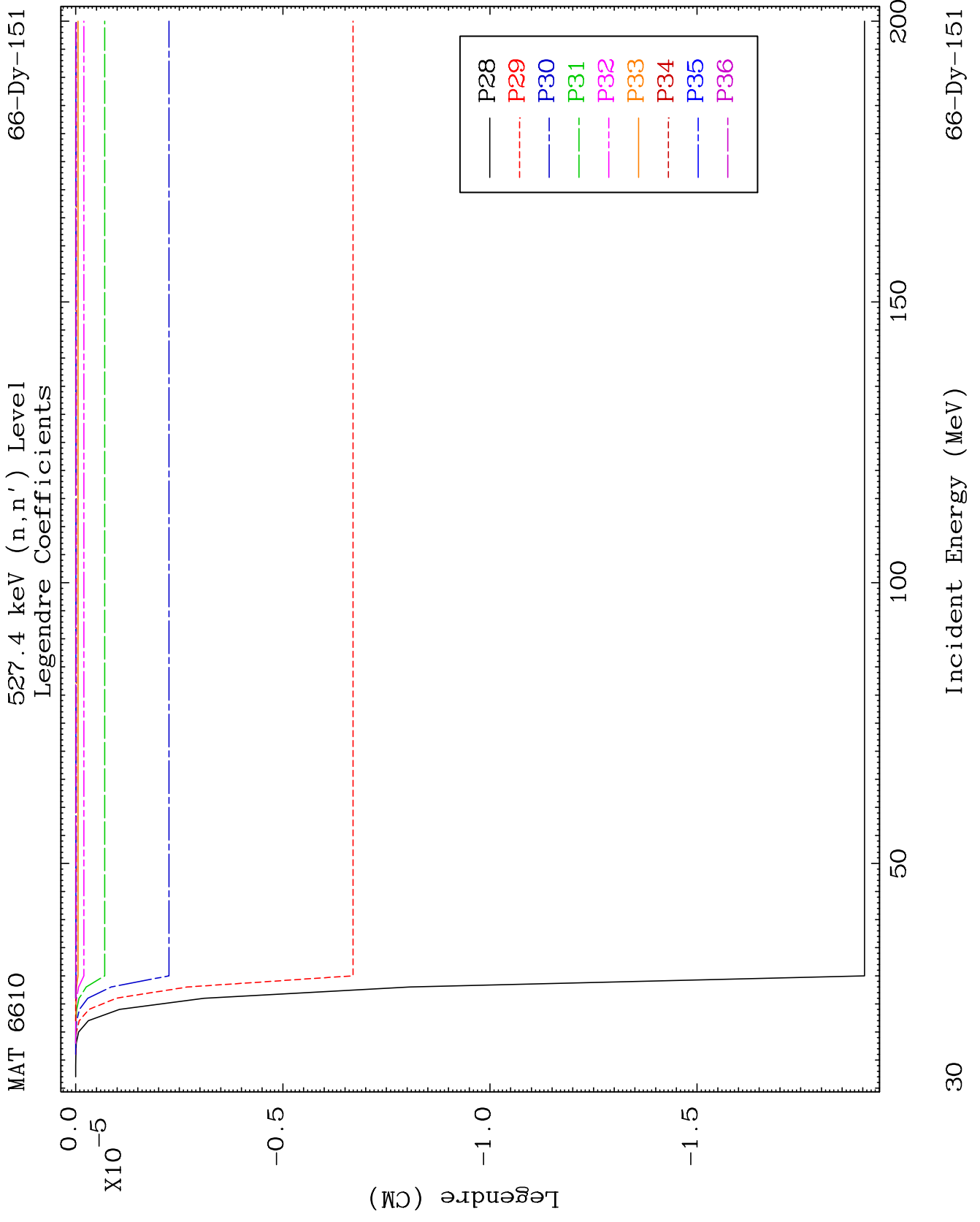
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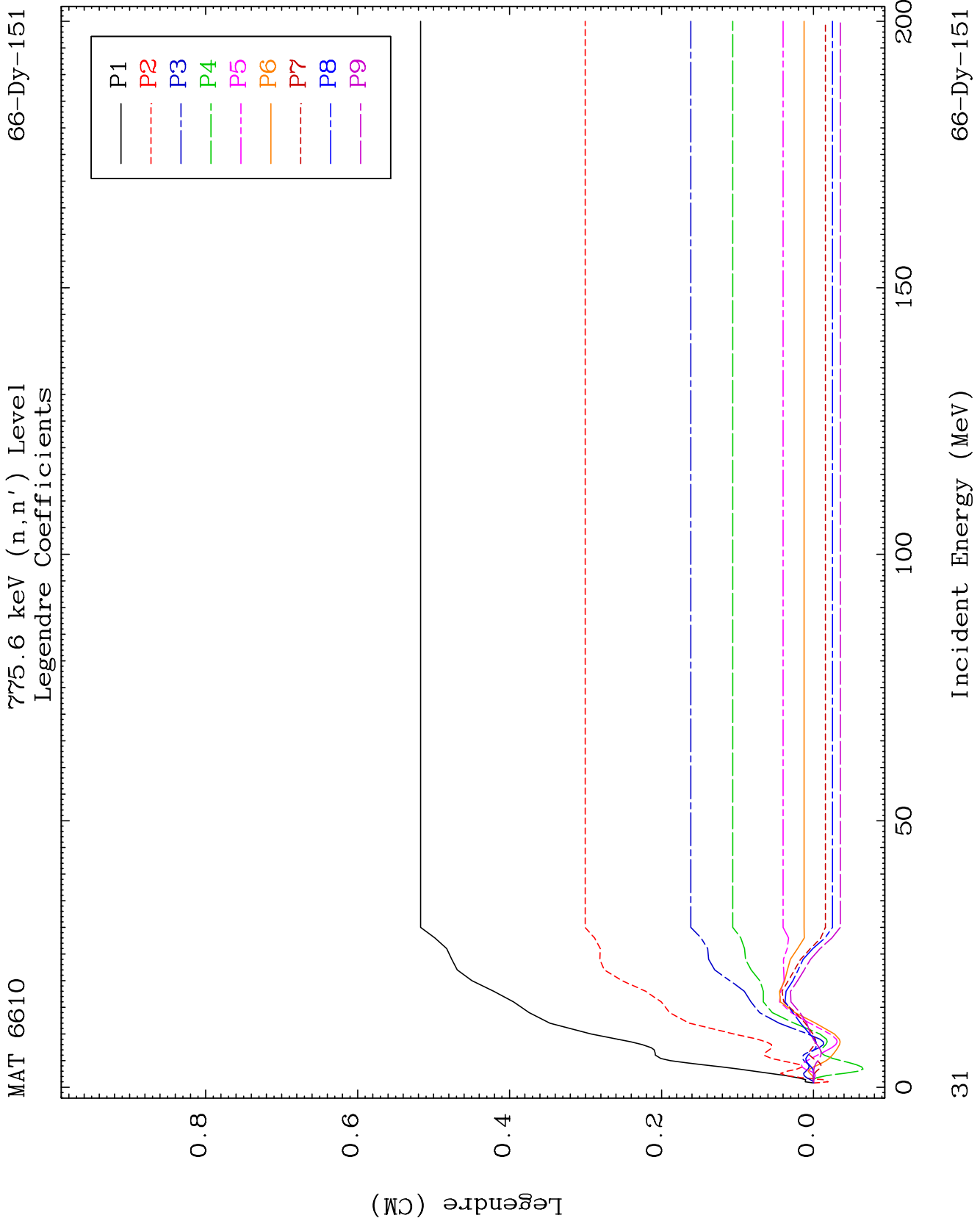


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Incident Energy (MeV)

66-Dy-151



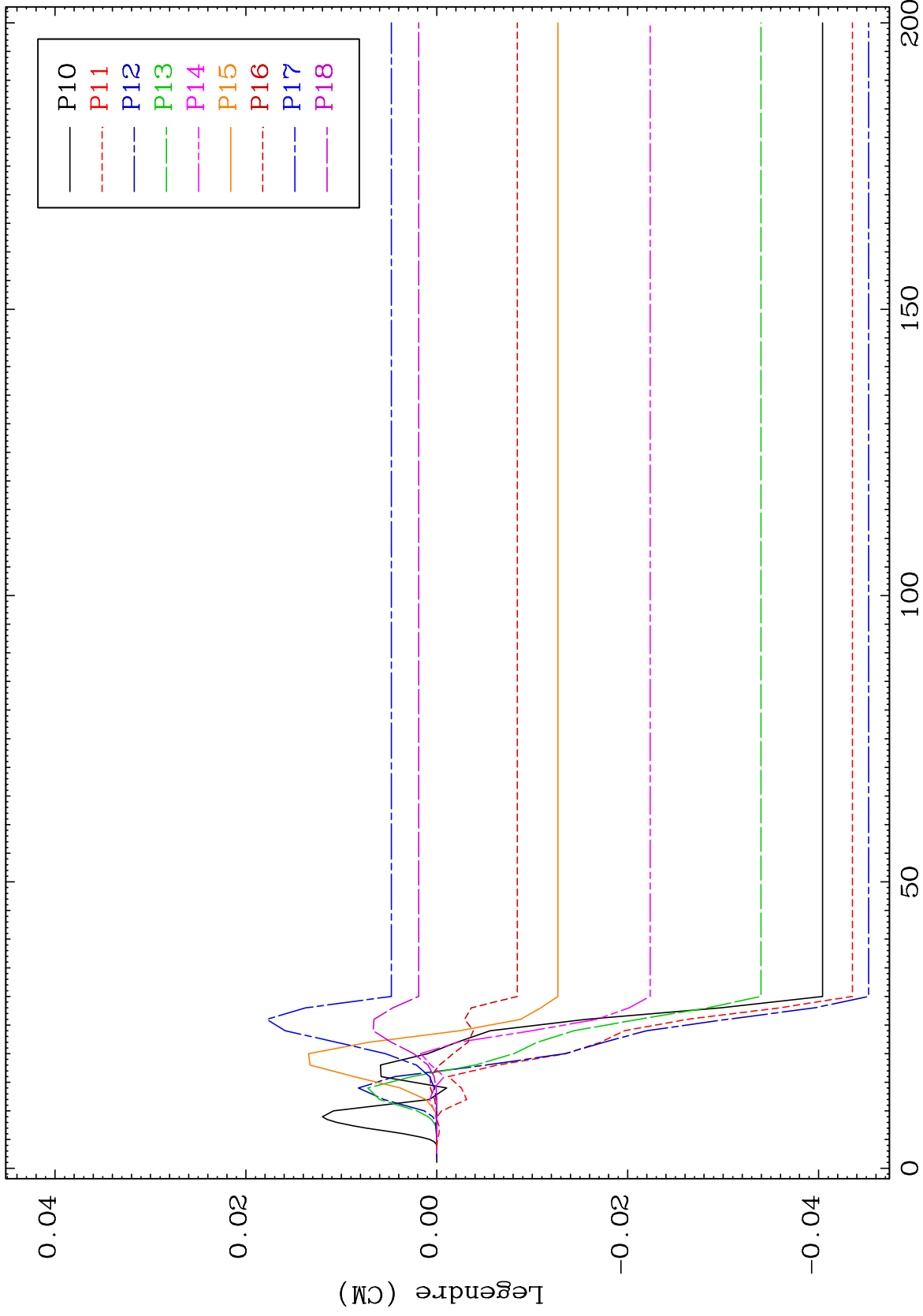




MAT 6610

775.6 keV (n,n') Level  
Legendre Coefficients

66-Dy-151



32

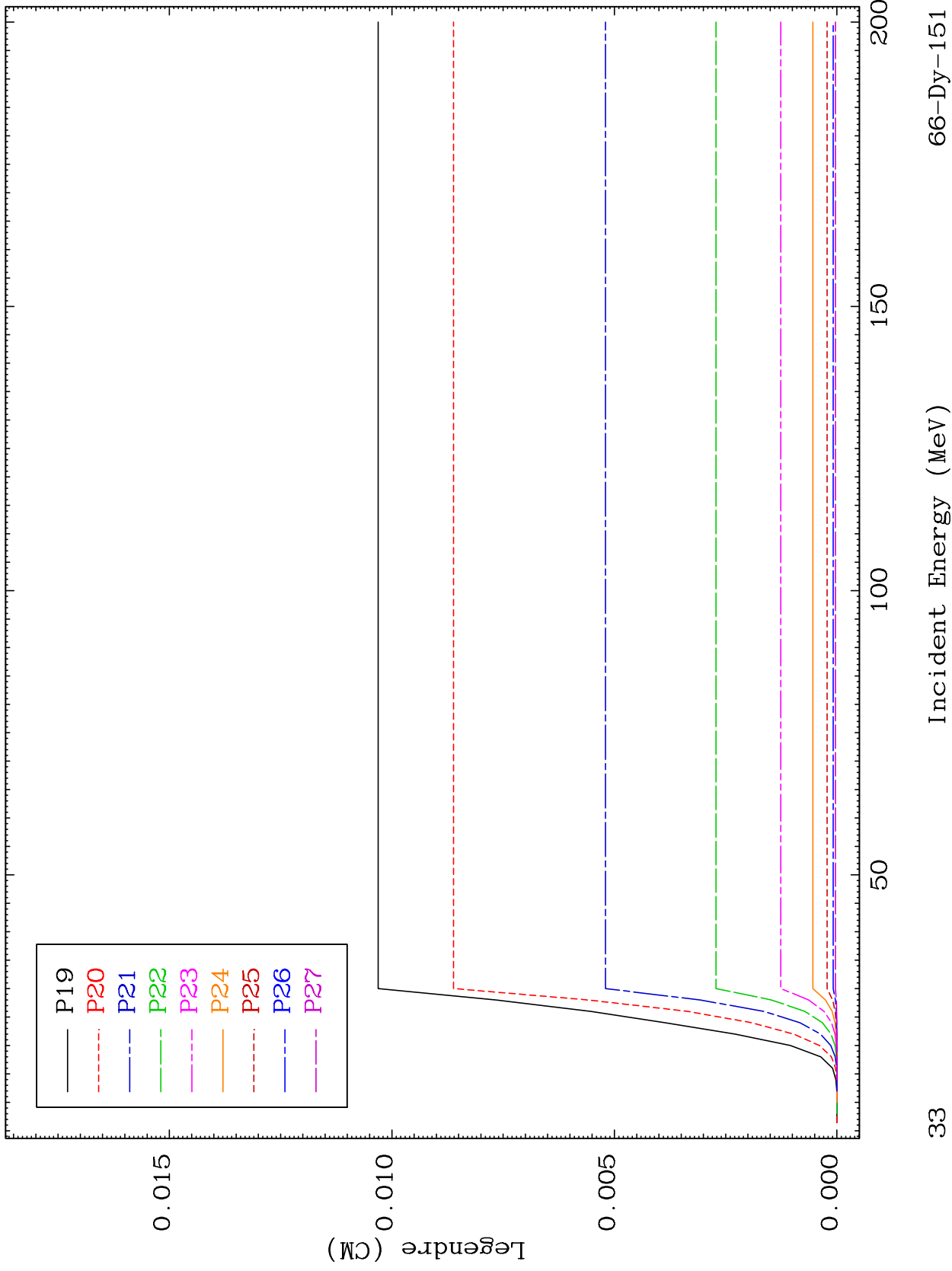
Incident Energy (MeV)

66-Dy-151

MAT 6610

775.6 keV (n,n') Level  
Legendre Coefficients

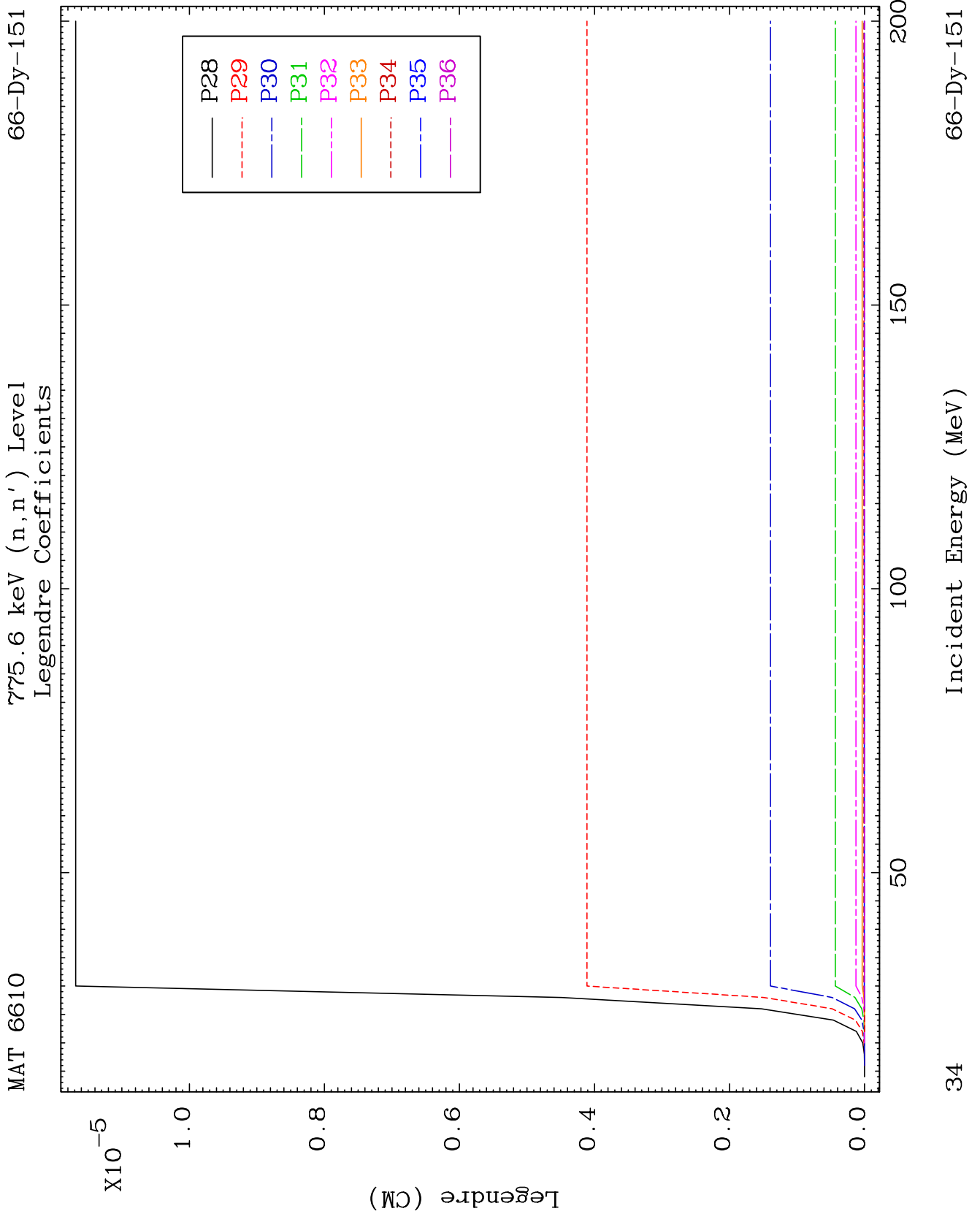
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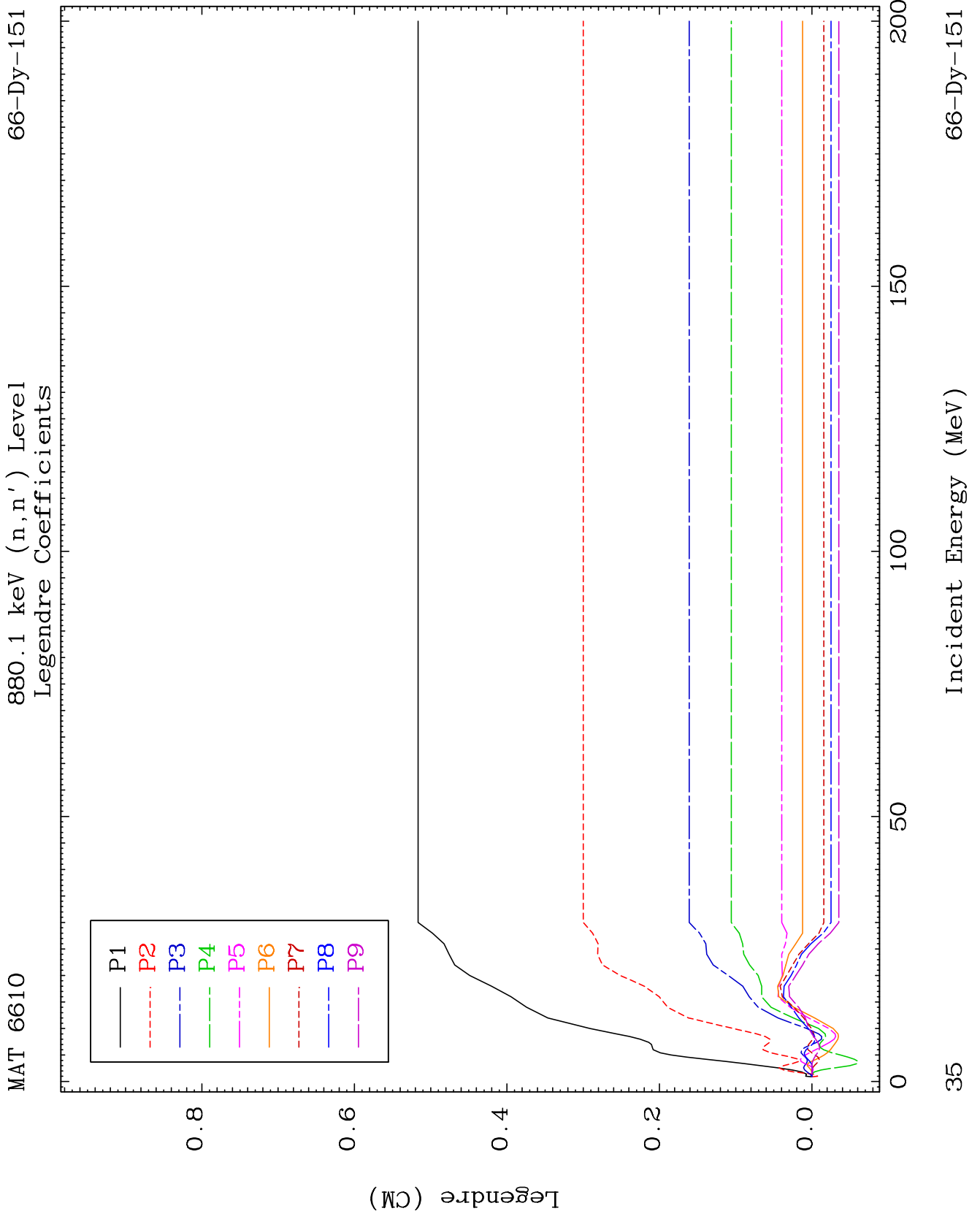


33

Incident Energy (MeV)

66-Dy-151



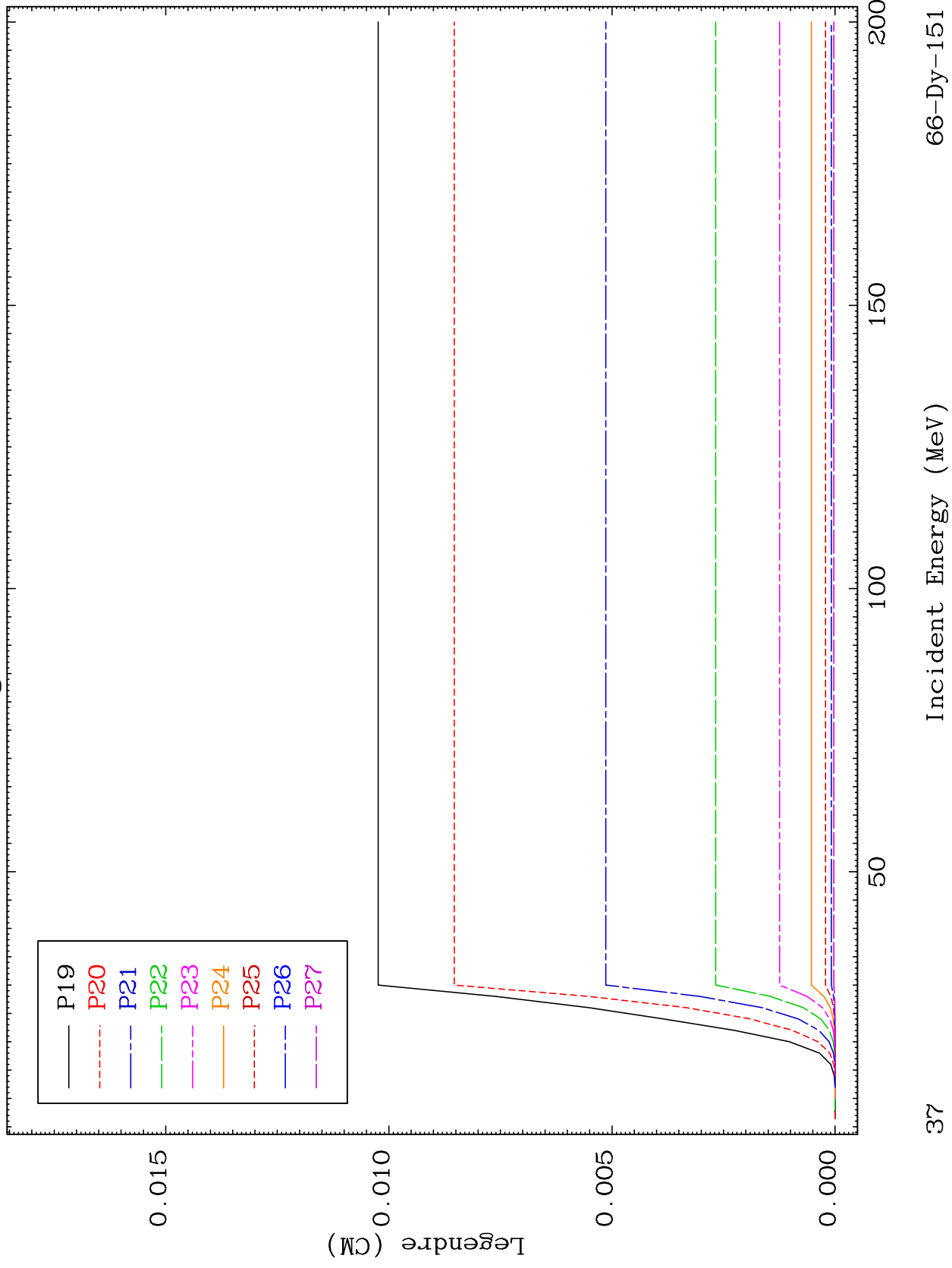




MAT 6610

880.1 keV (n,n') Level  
Legendre Coefficients

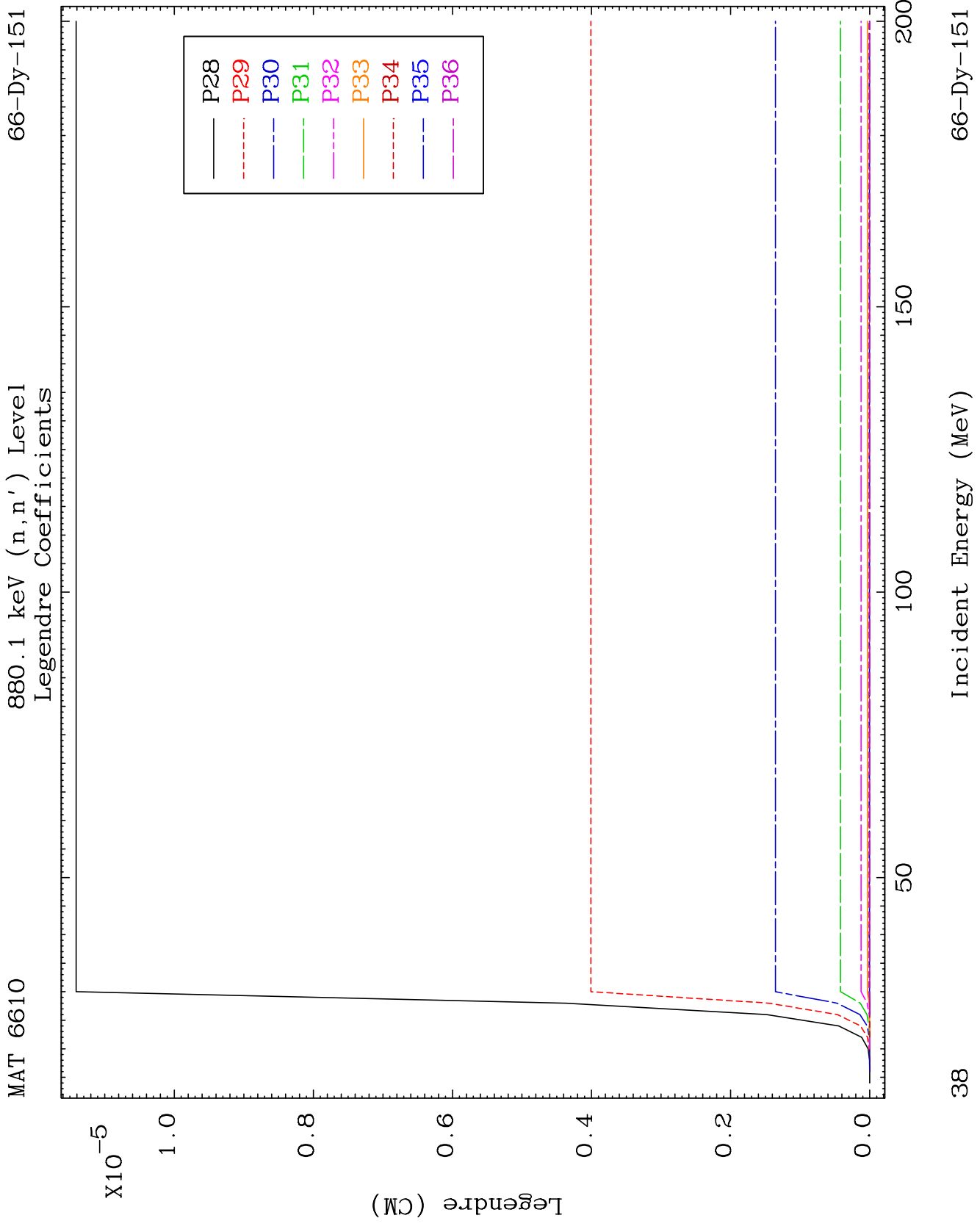
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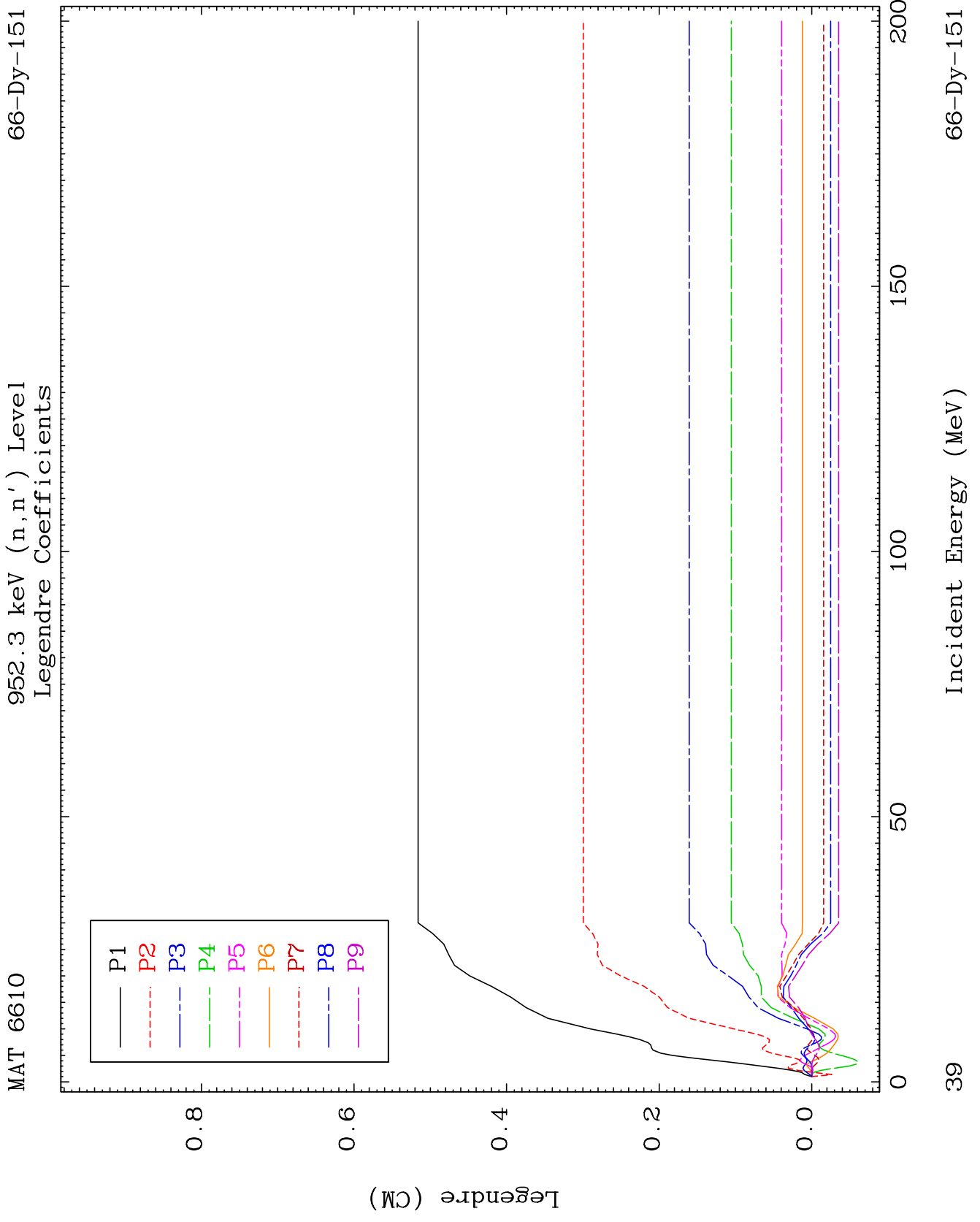


37

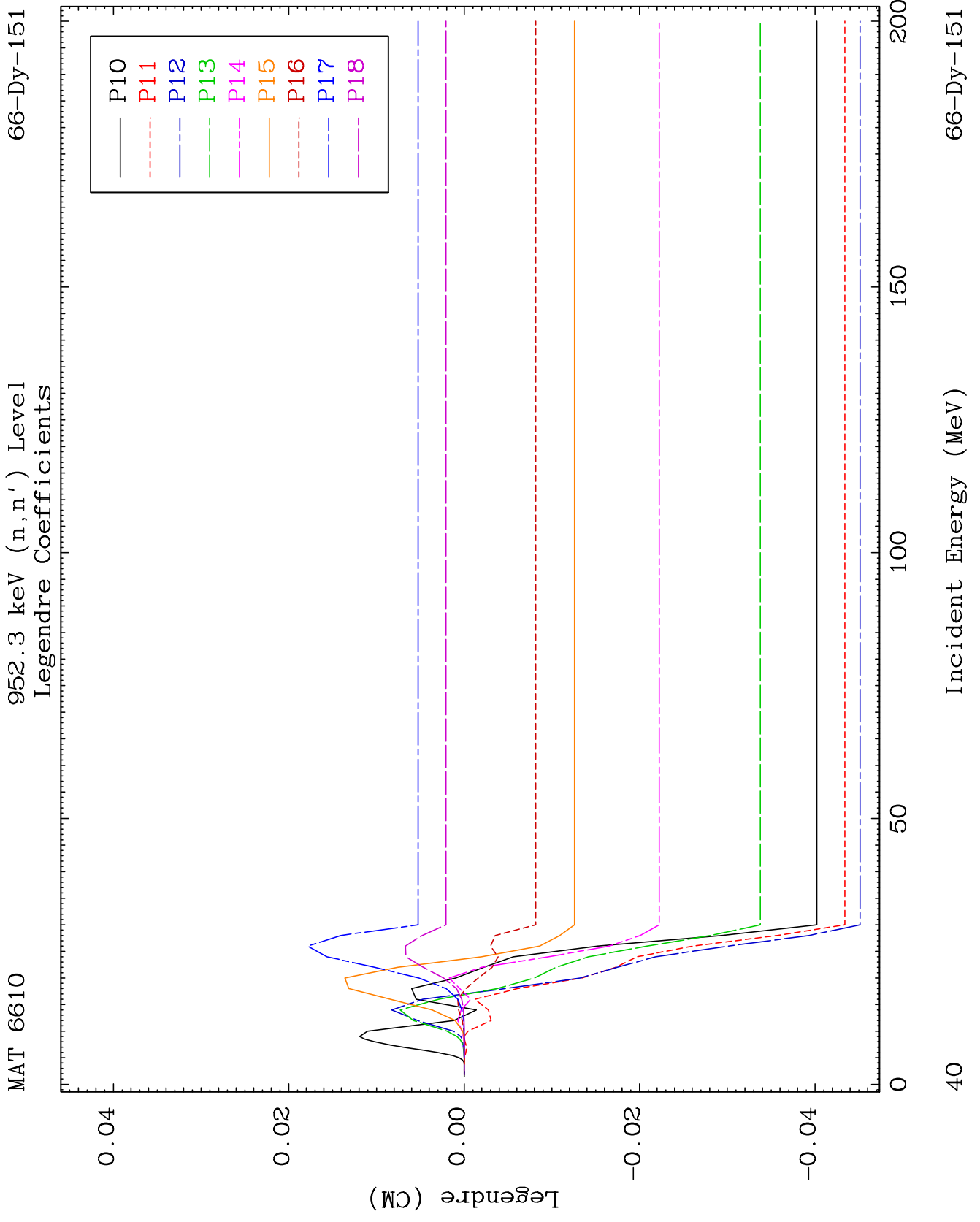
Incident Energy (MeV)

66-Dy-151





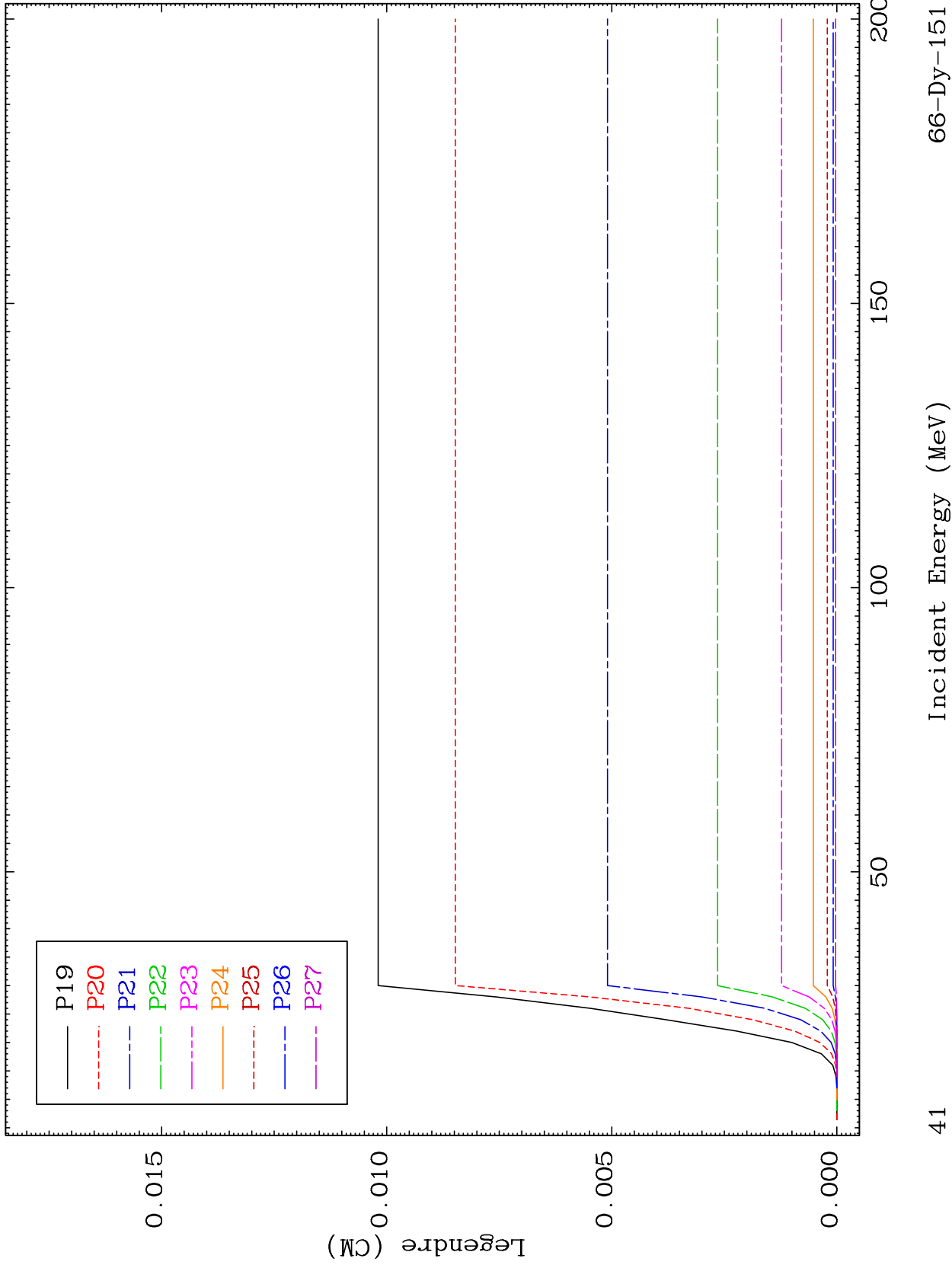




MAT 6610

952.3 keV (n,n') Level  
Legendre Coefficients

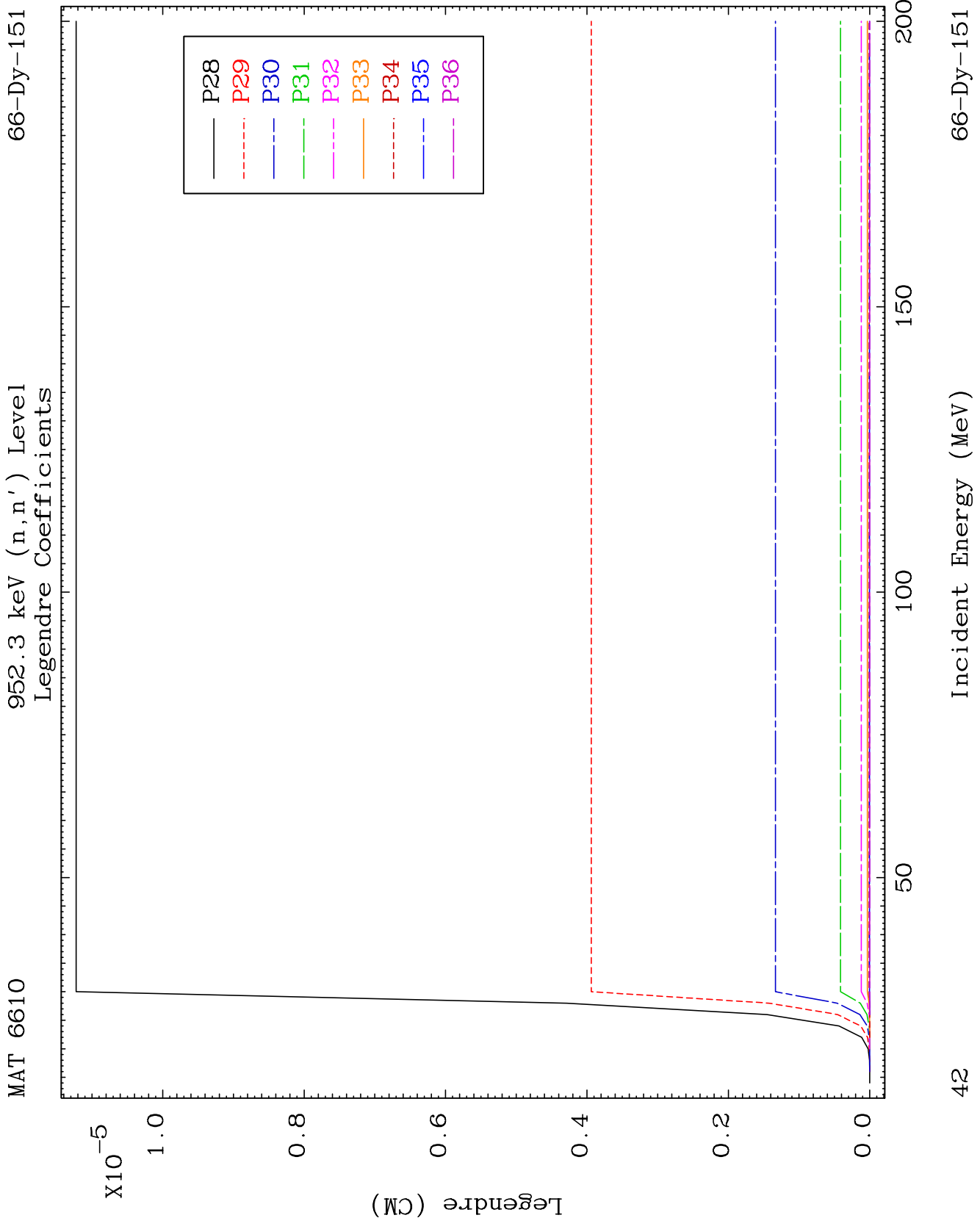
66-Dy-151



41

Incident Energy (MeV)

66-Dy-151

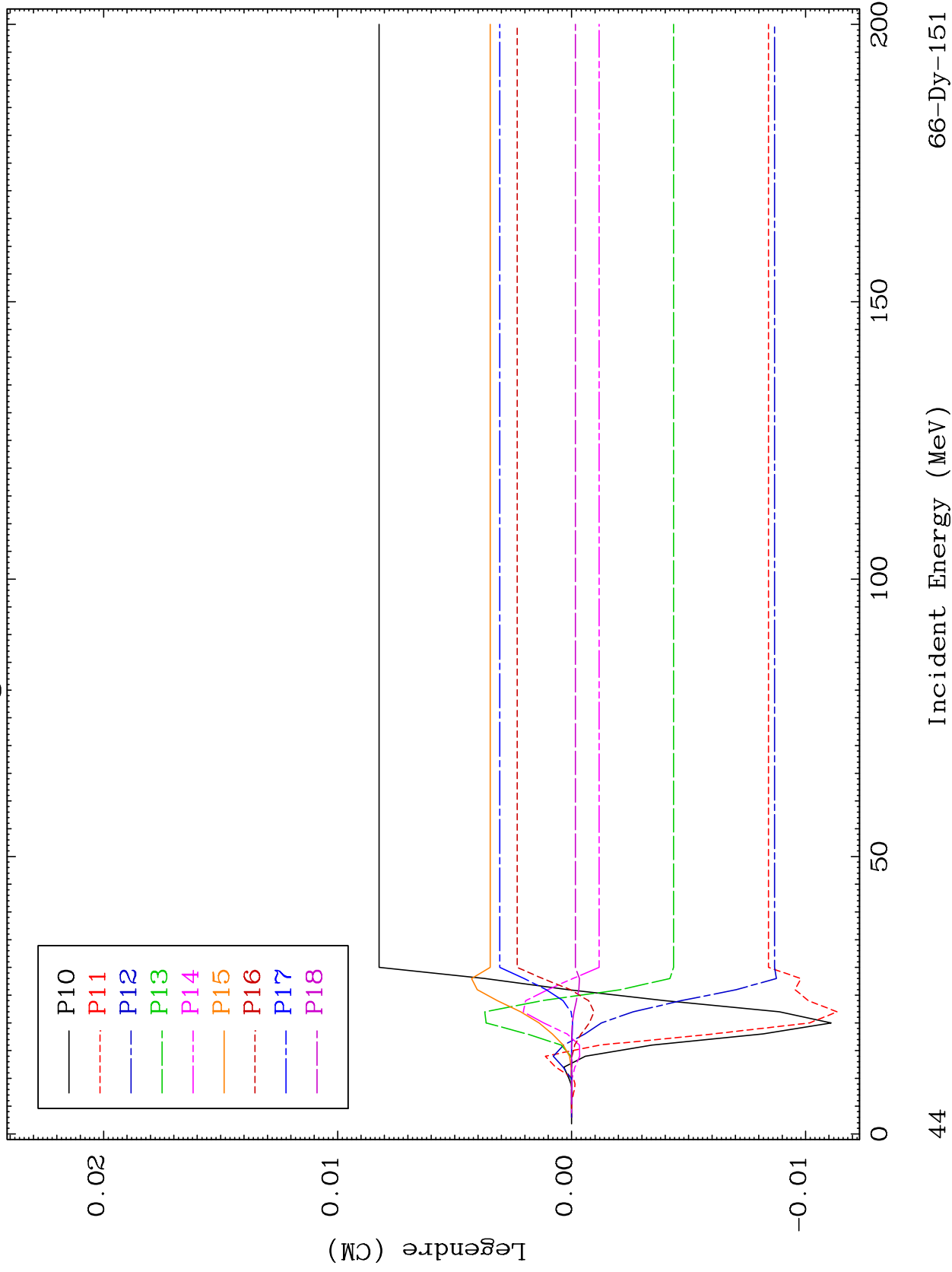




MAT 6610

968.6 keV (n,n') Level  
Legendre Coefficients

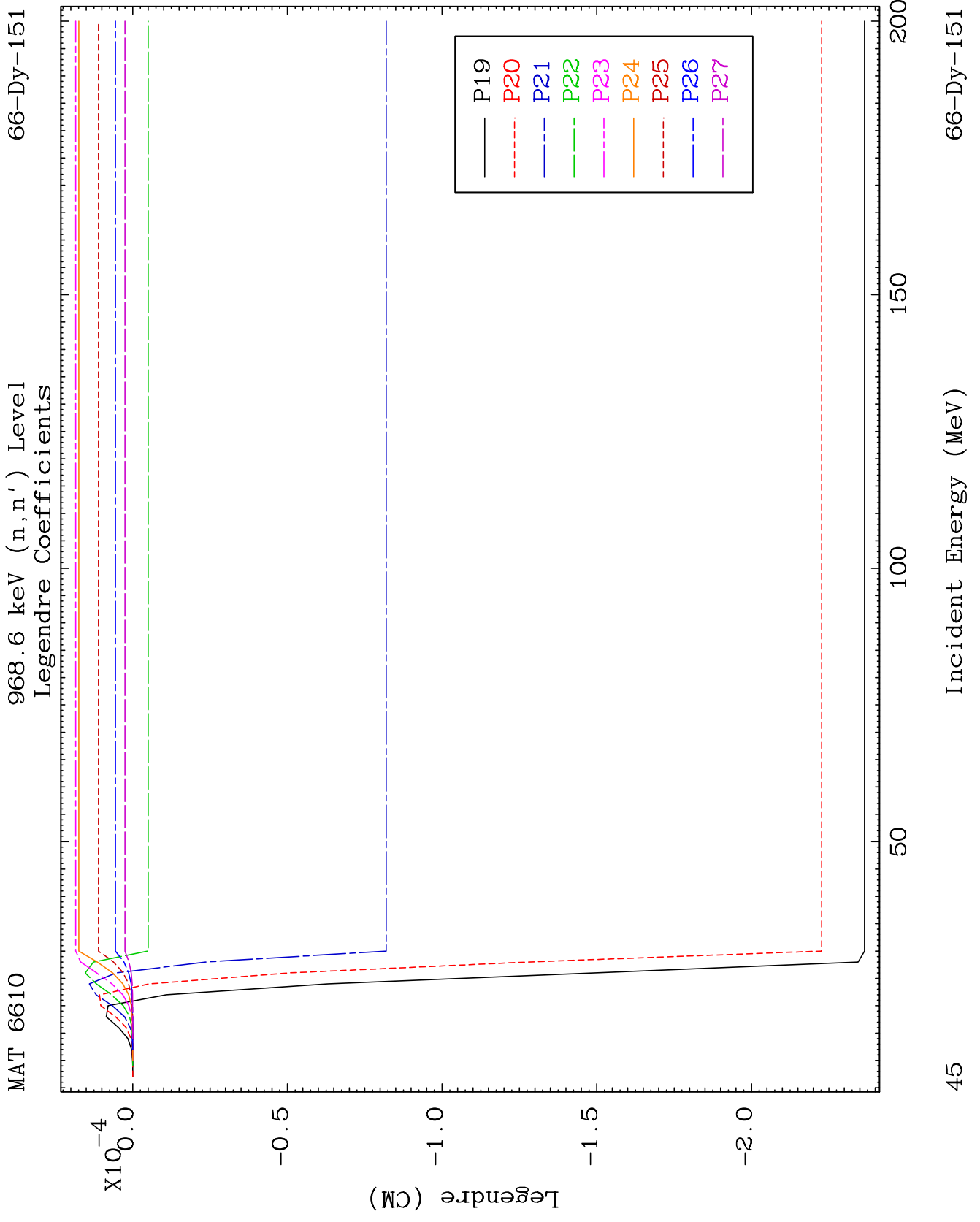
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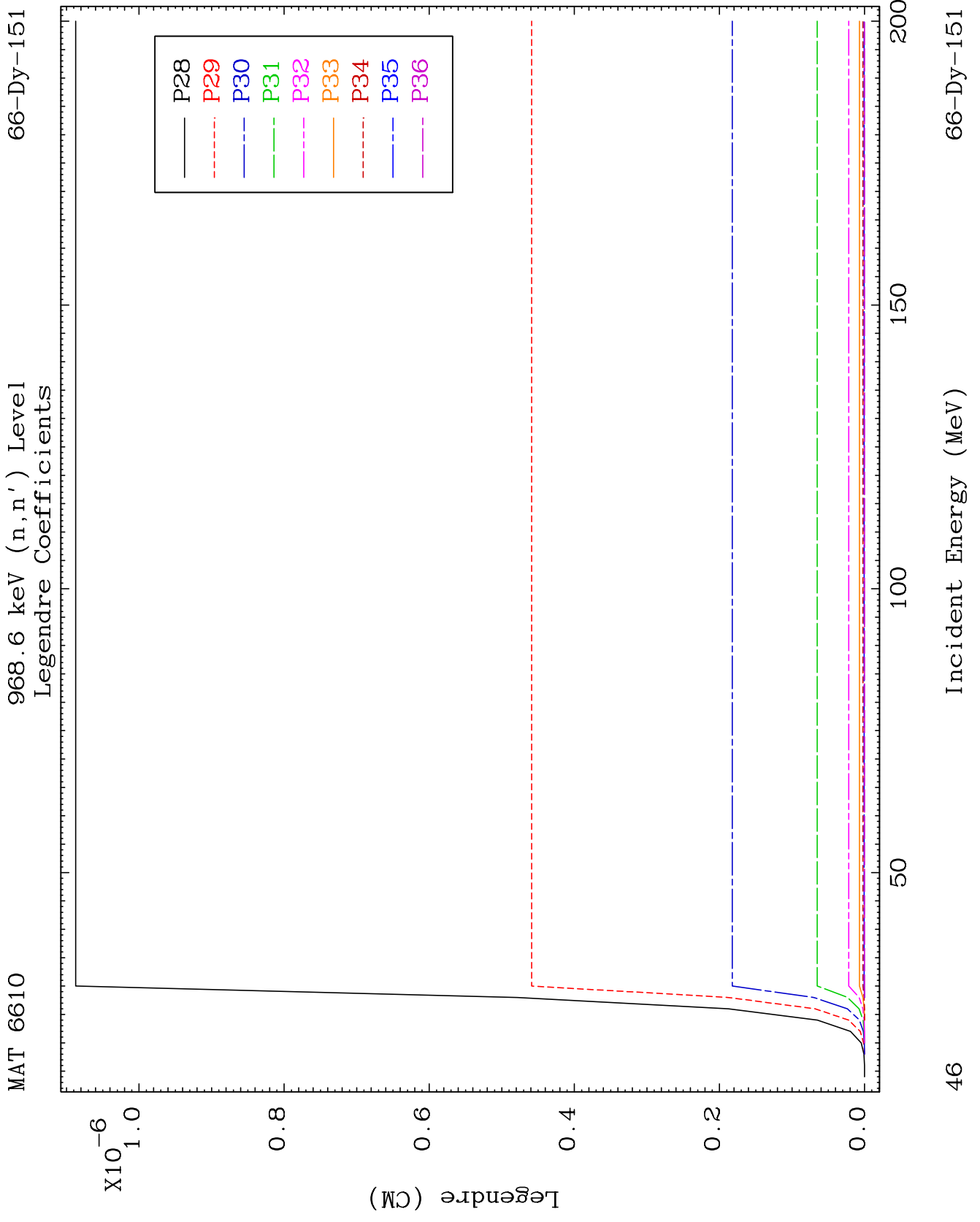


66-Dy-151

Incident Energy (MeV)

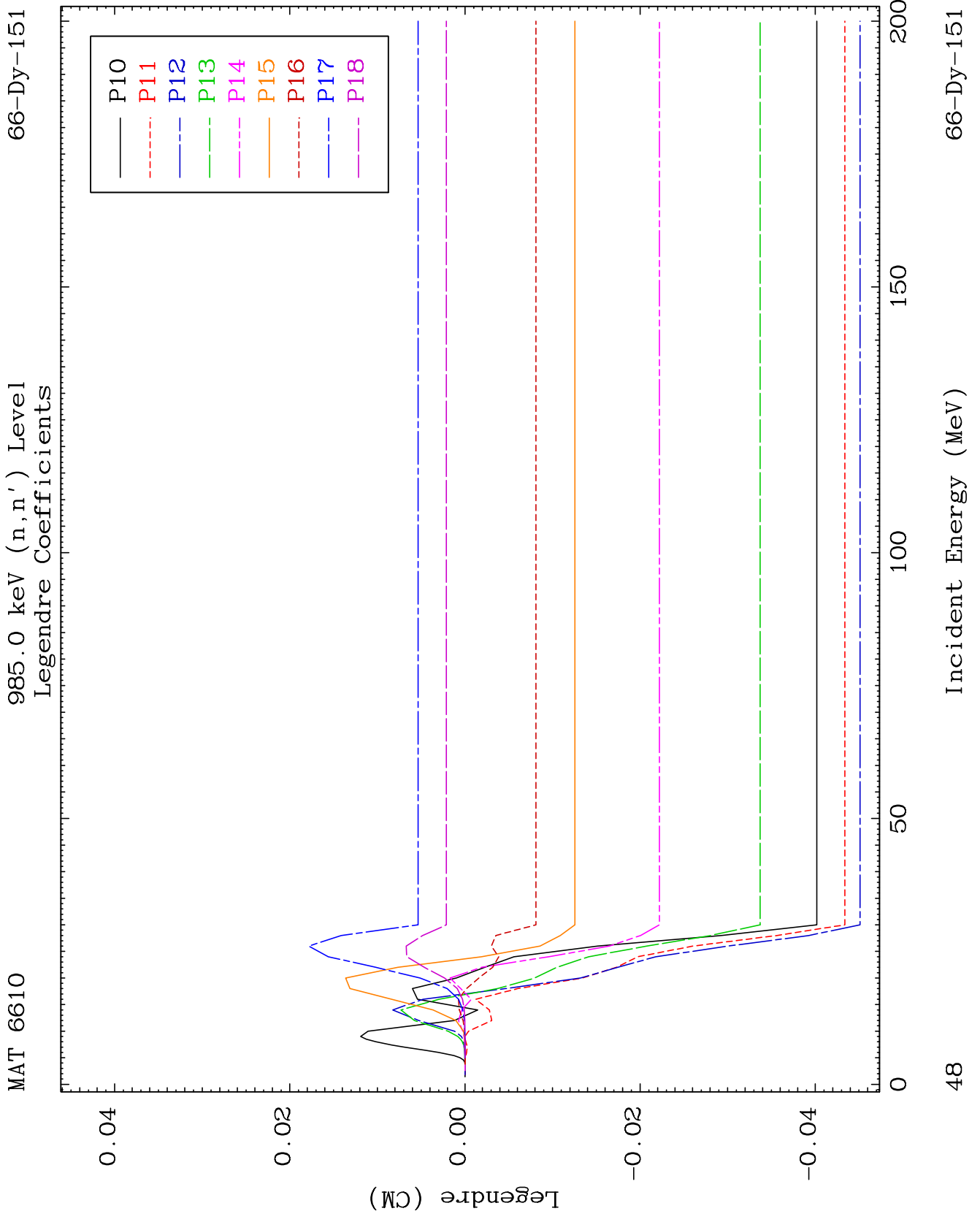
44

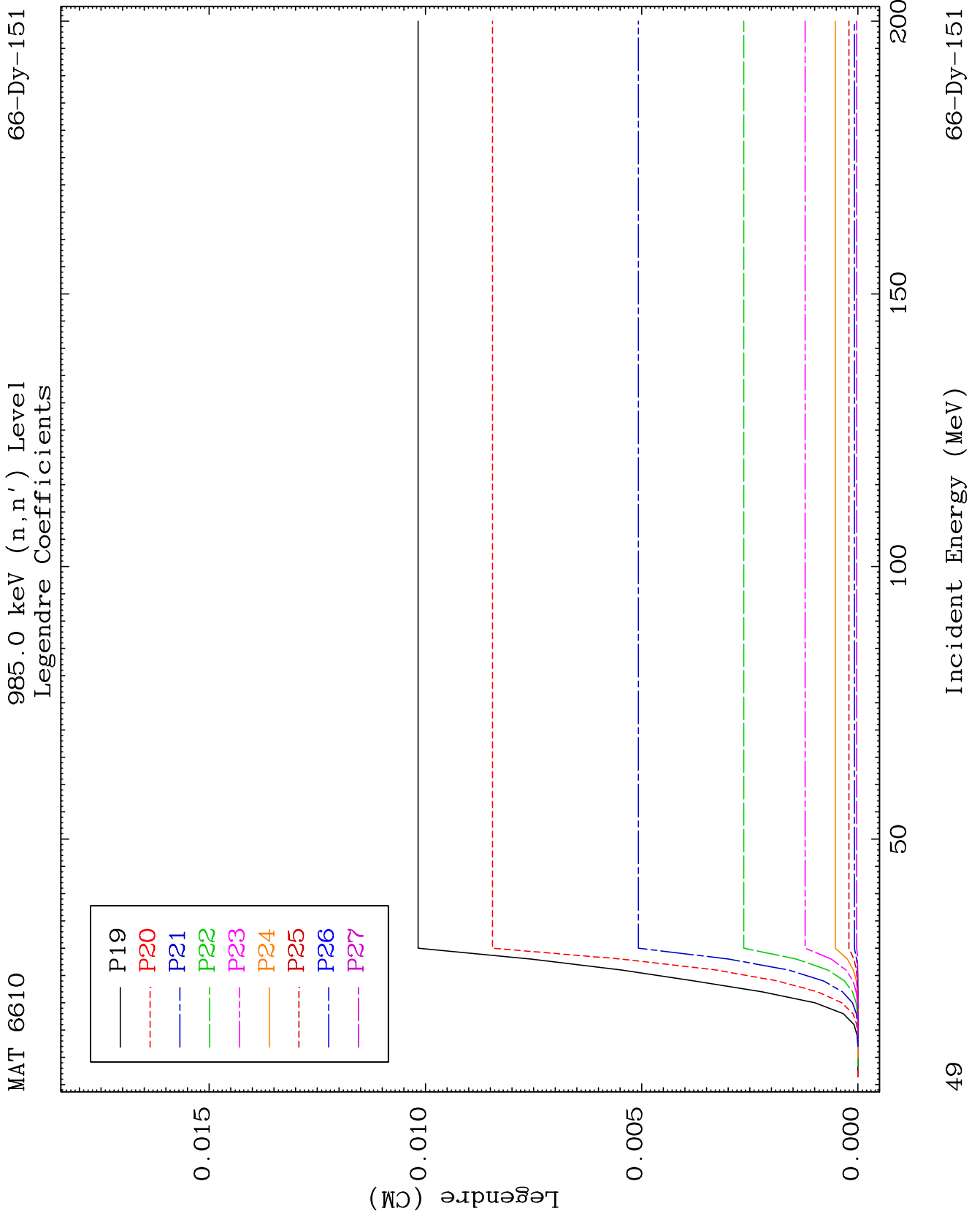


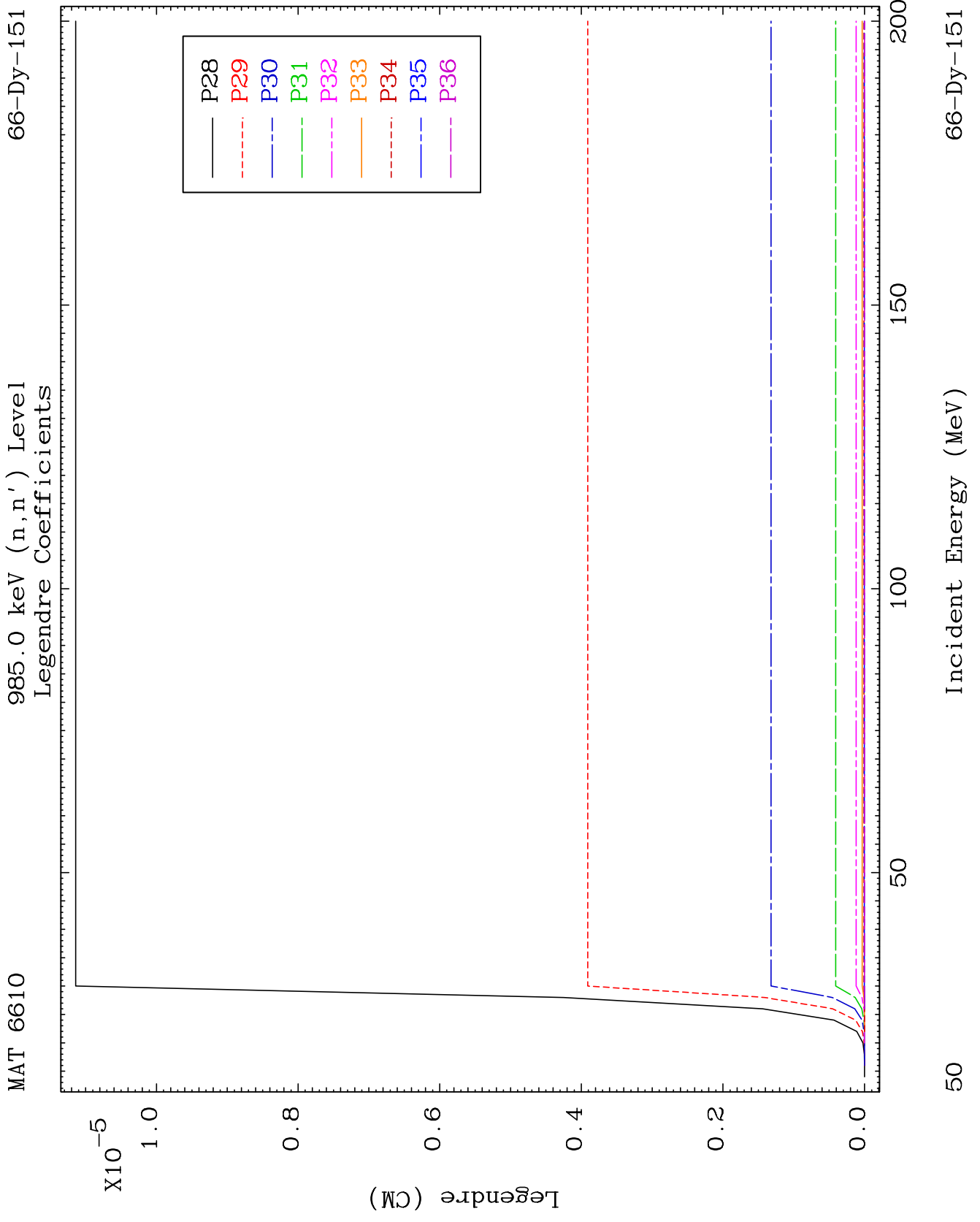








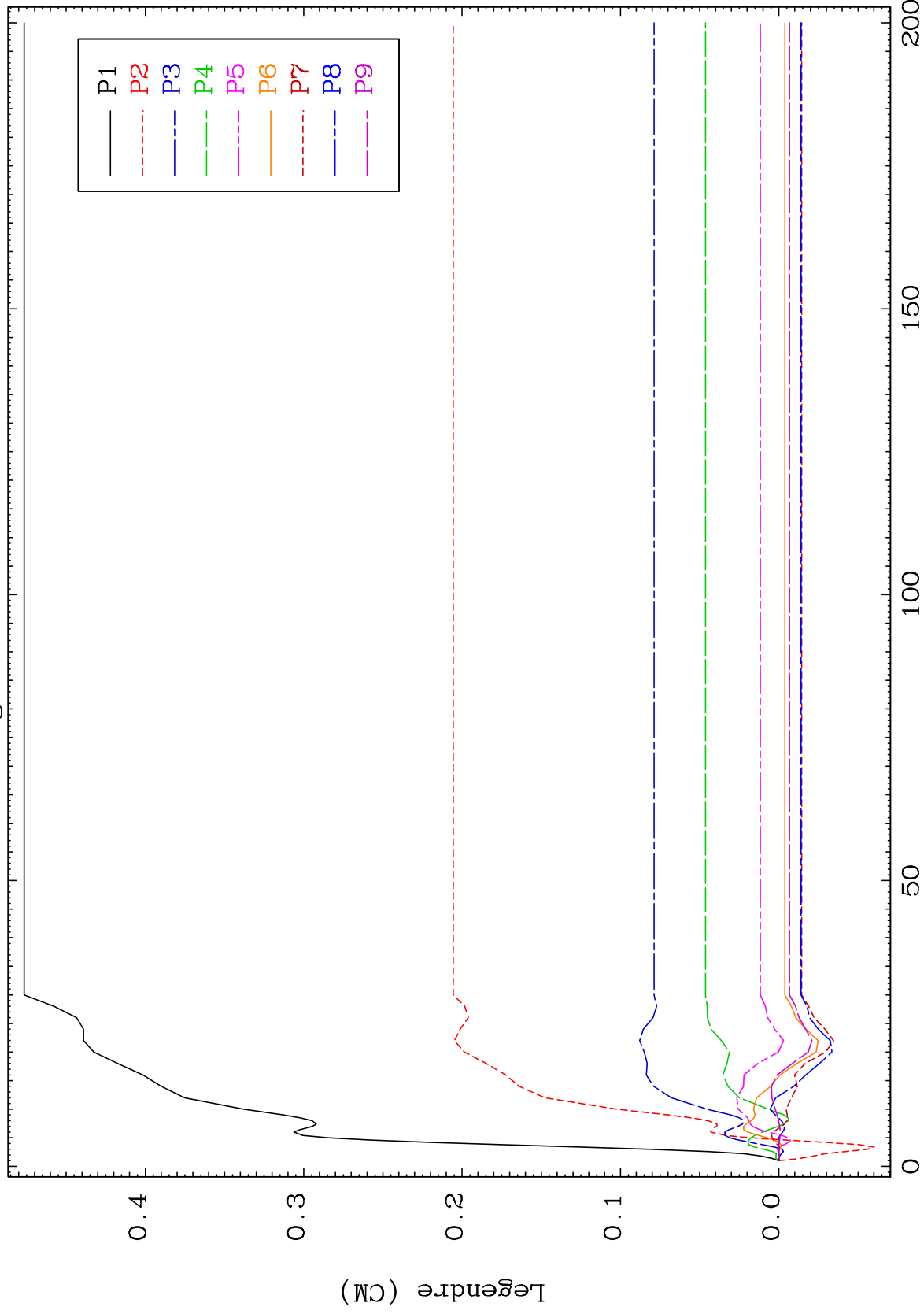




MAT 6610

986.4 keV (n,n') Level  
Legendre Coefficients

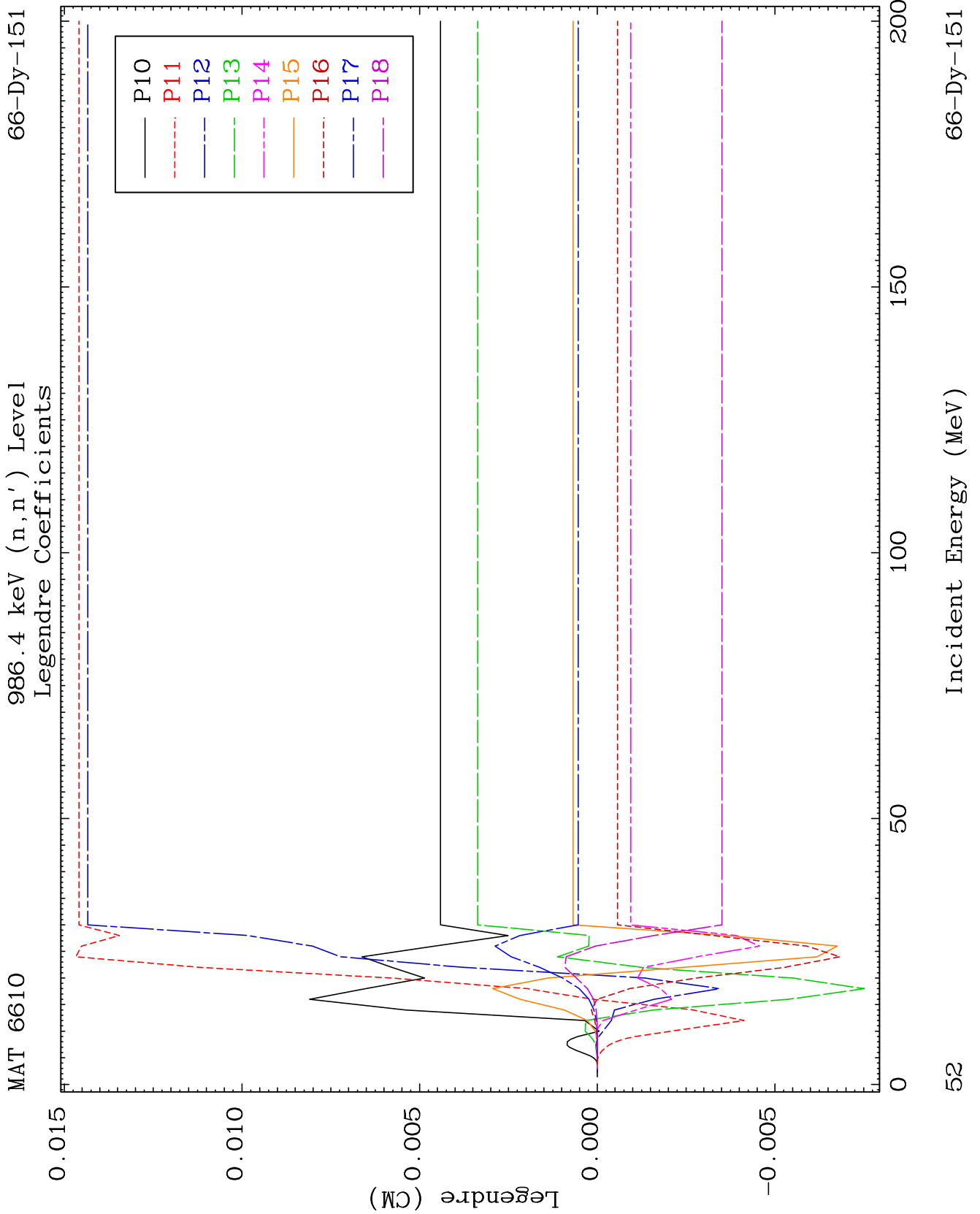
66-Dy-151



51

Incident Energy (MeV)

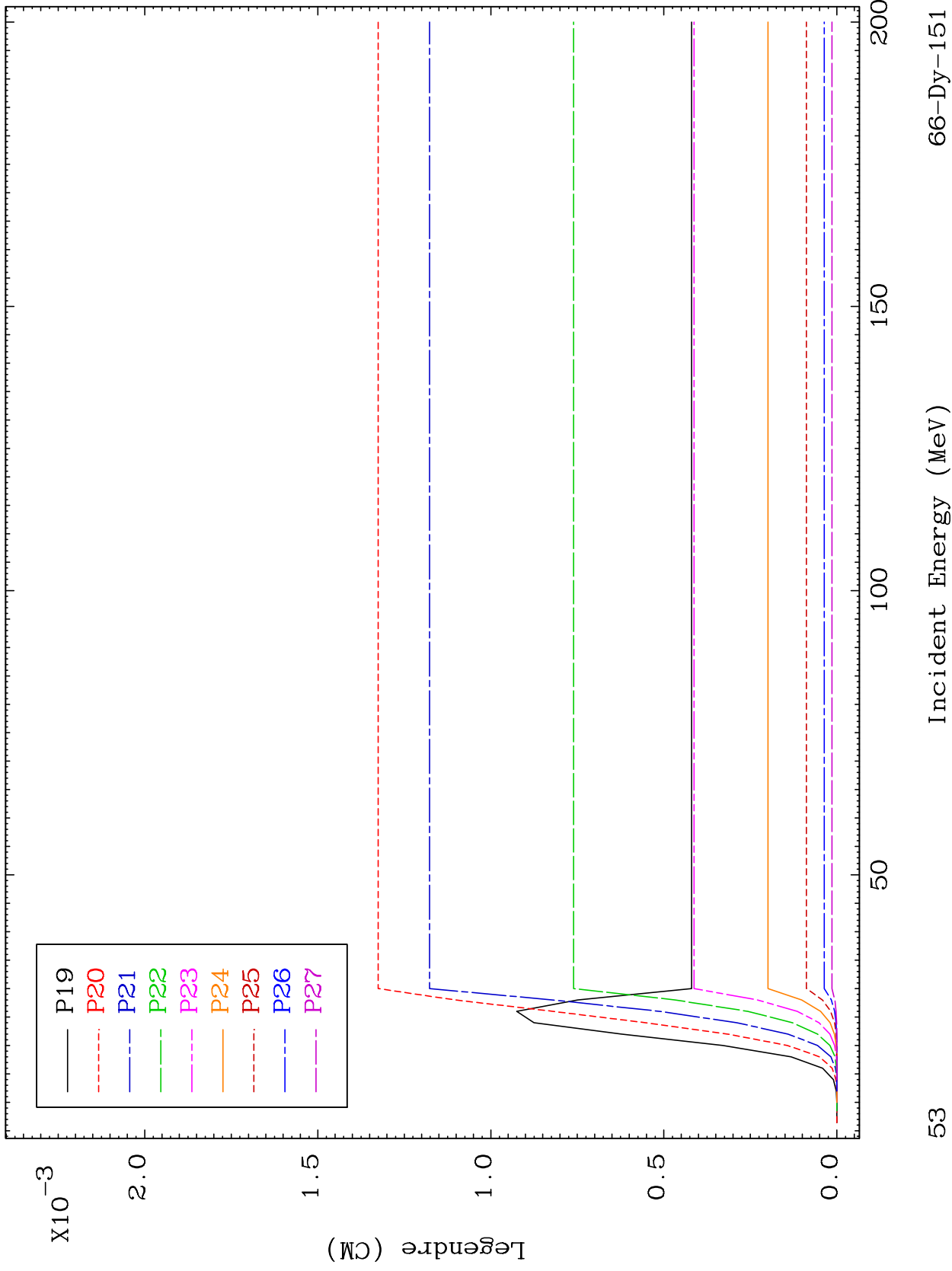
66-Dy-151



MAT 6610

986.4 keV (n,n') Level  
Legendre Coefficients

66-Dy-151



53

Incident Energy (MeV)

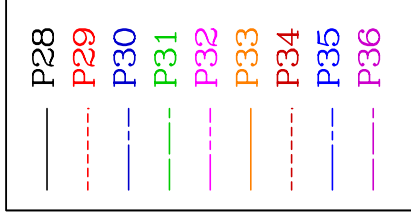
66-Dy-151

MAT 6610

986.4 keV (n,n') Level  
Legendre Coefficients

66-Dy-151

$\times 10^{-6}$



Legendre (CM)

5

4

3

2

1

0

50

100

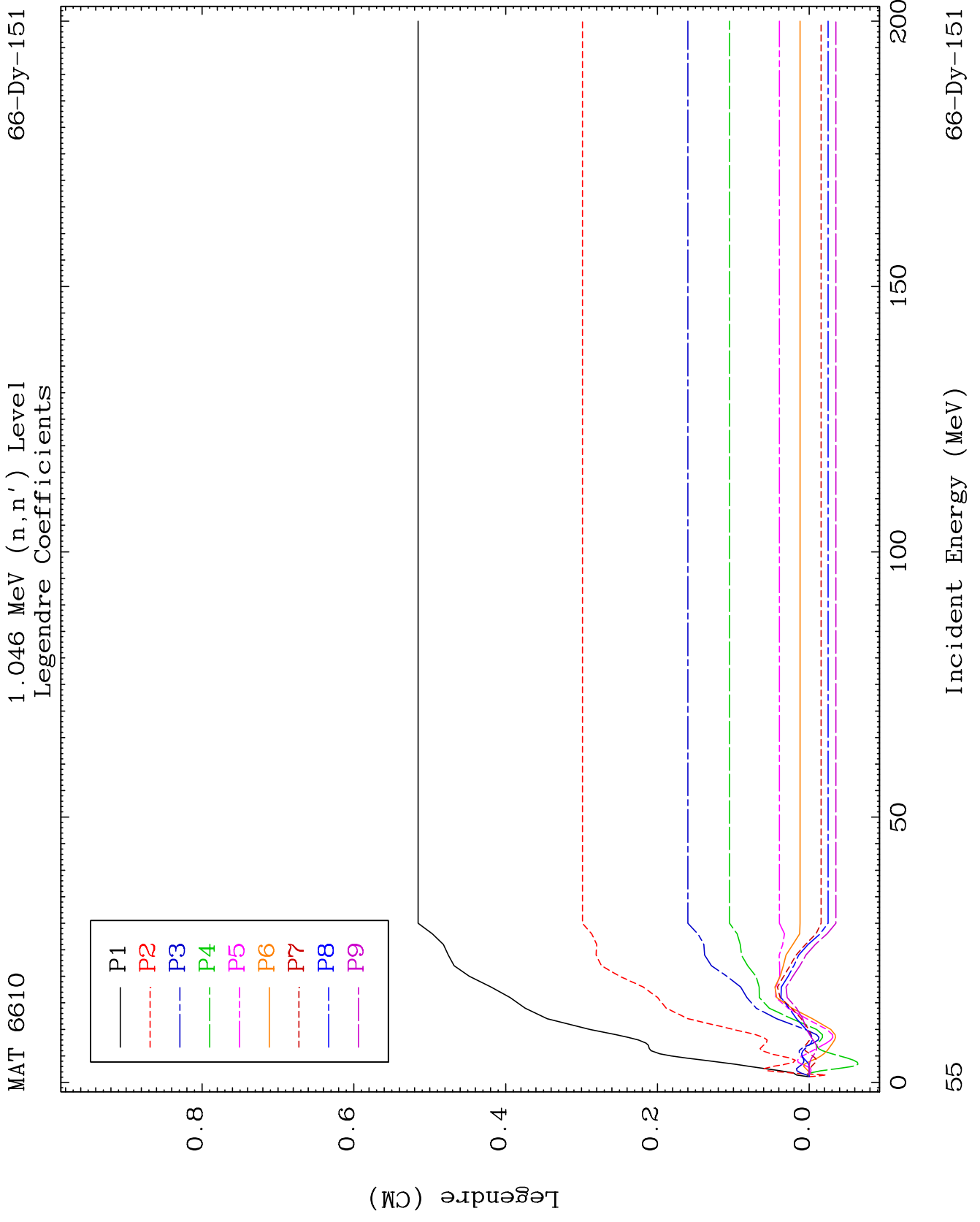
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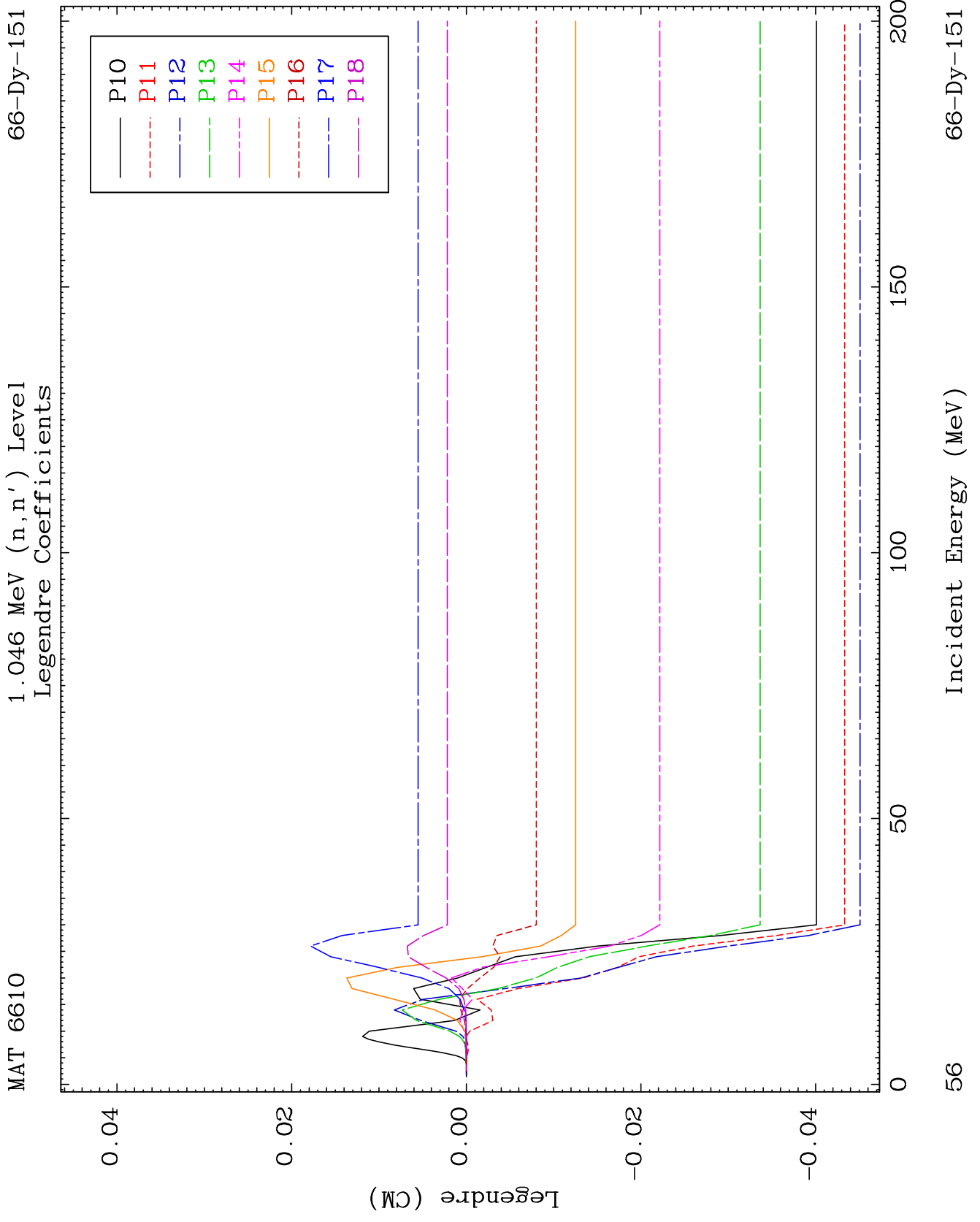
54

Incident Energy (MeV)

66-Dy-151



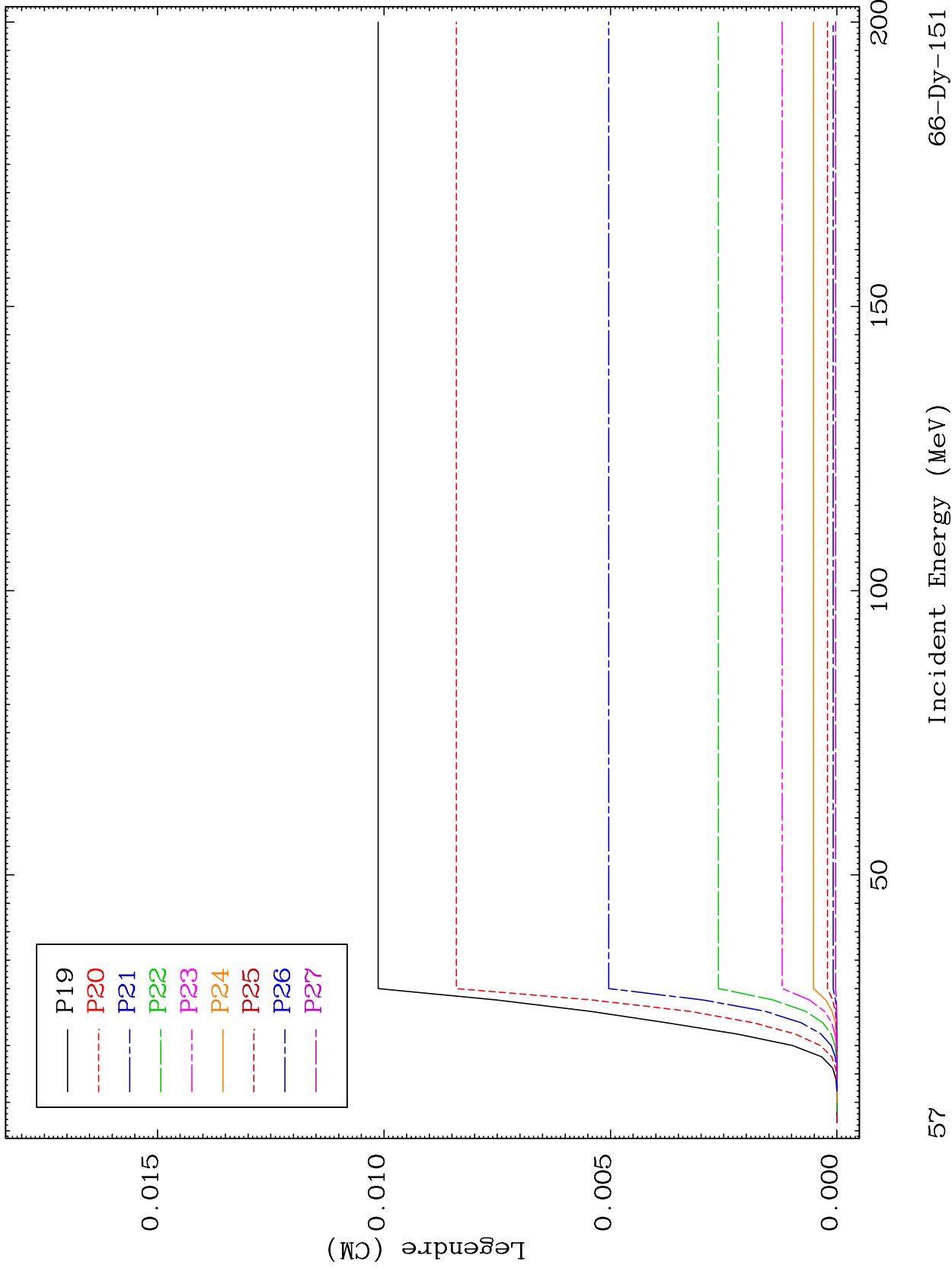




MAT 6610

1.046 MeV (n,n') Level  
Legendre Coefficients

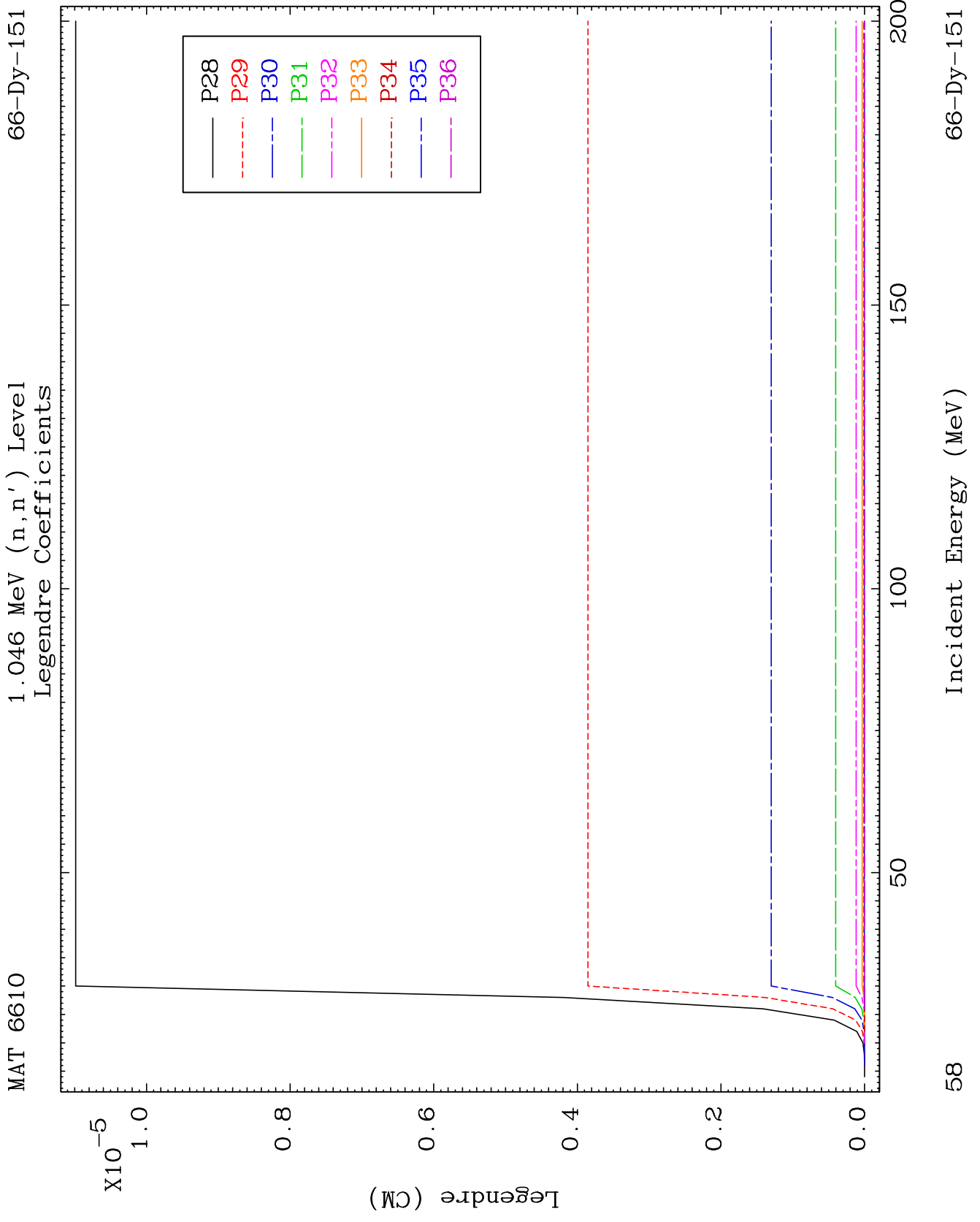
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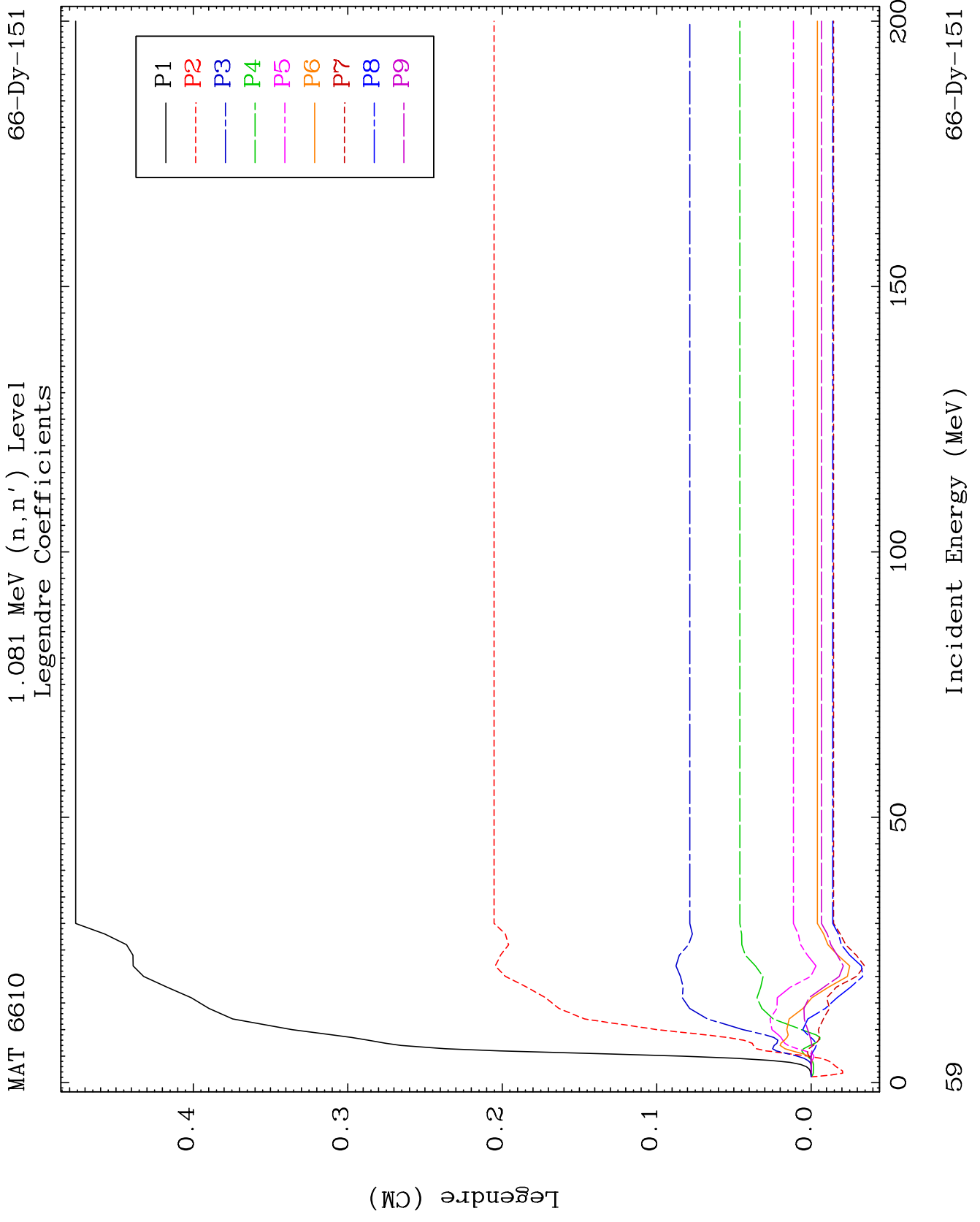


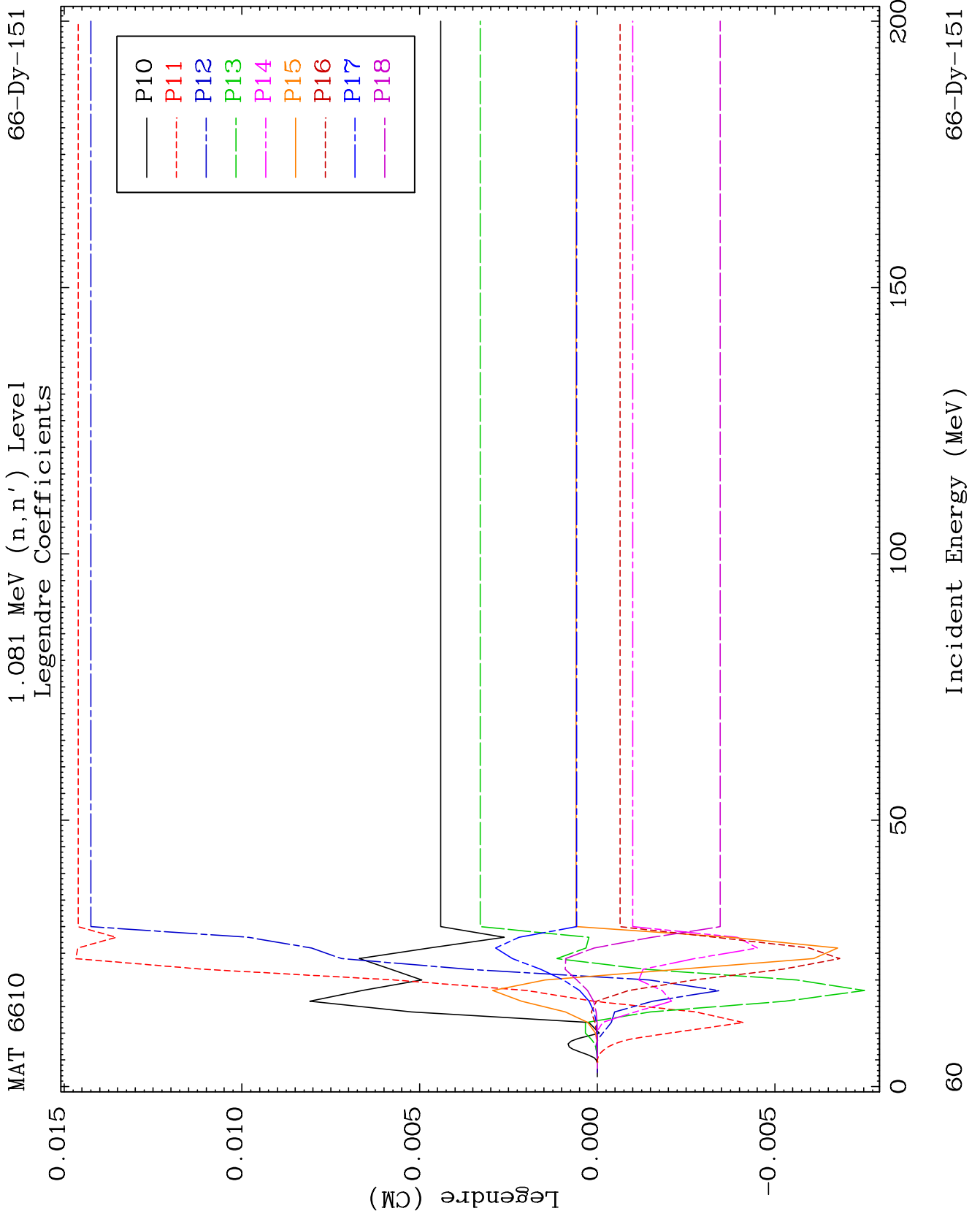
57

Incident Energy (MeV)

66-Dy-151



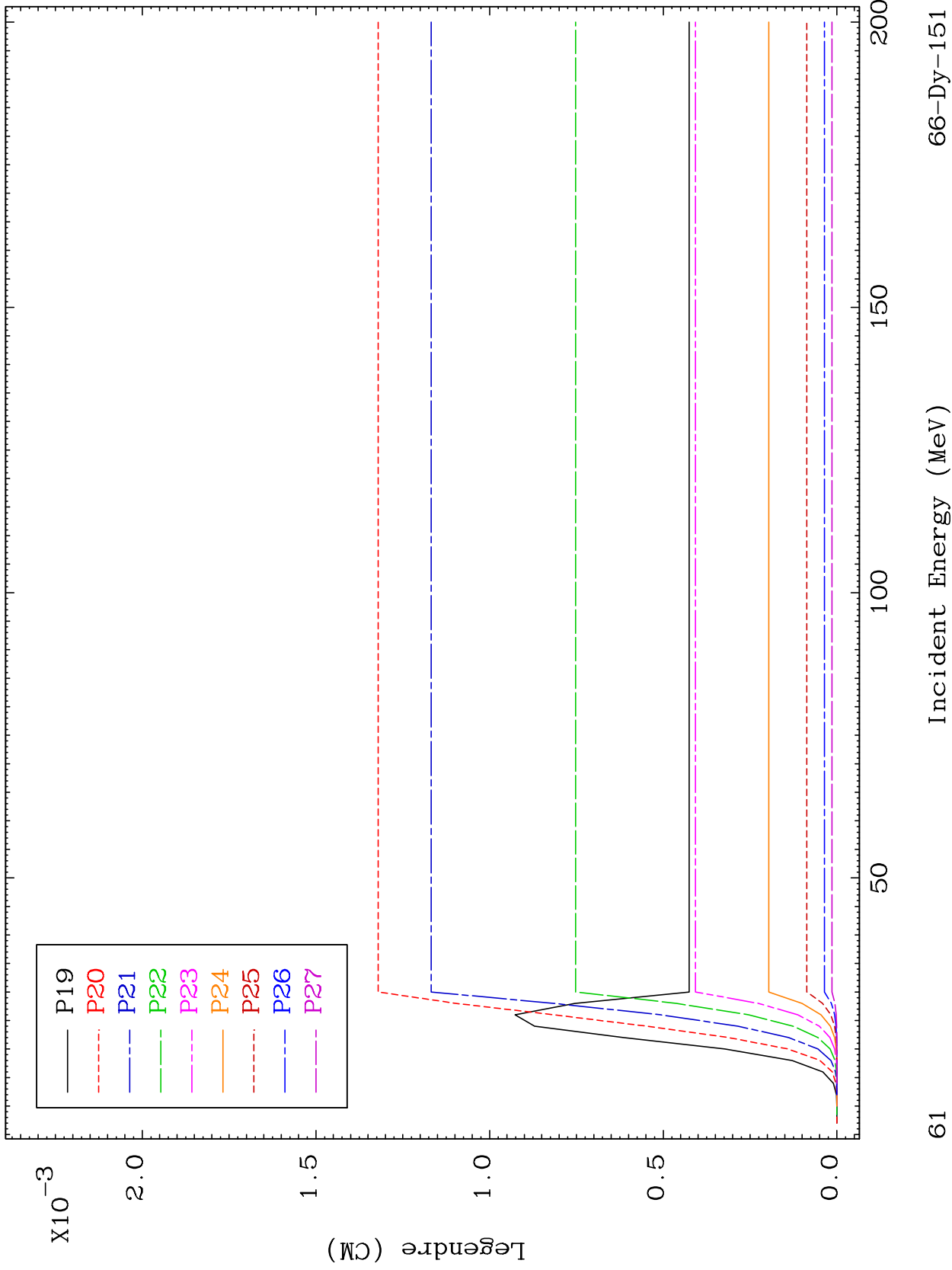




MAT 6610

1.081 MeV (n, n') Level  
Legendre Coefficients

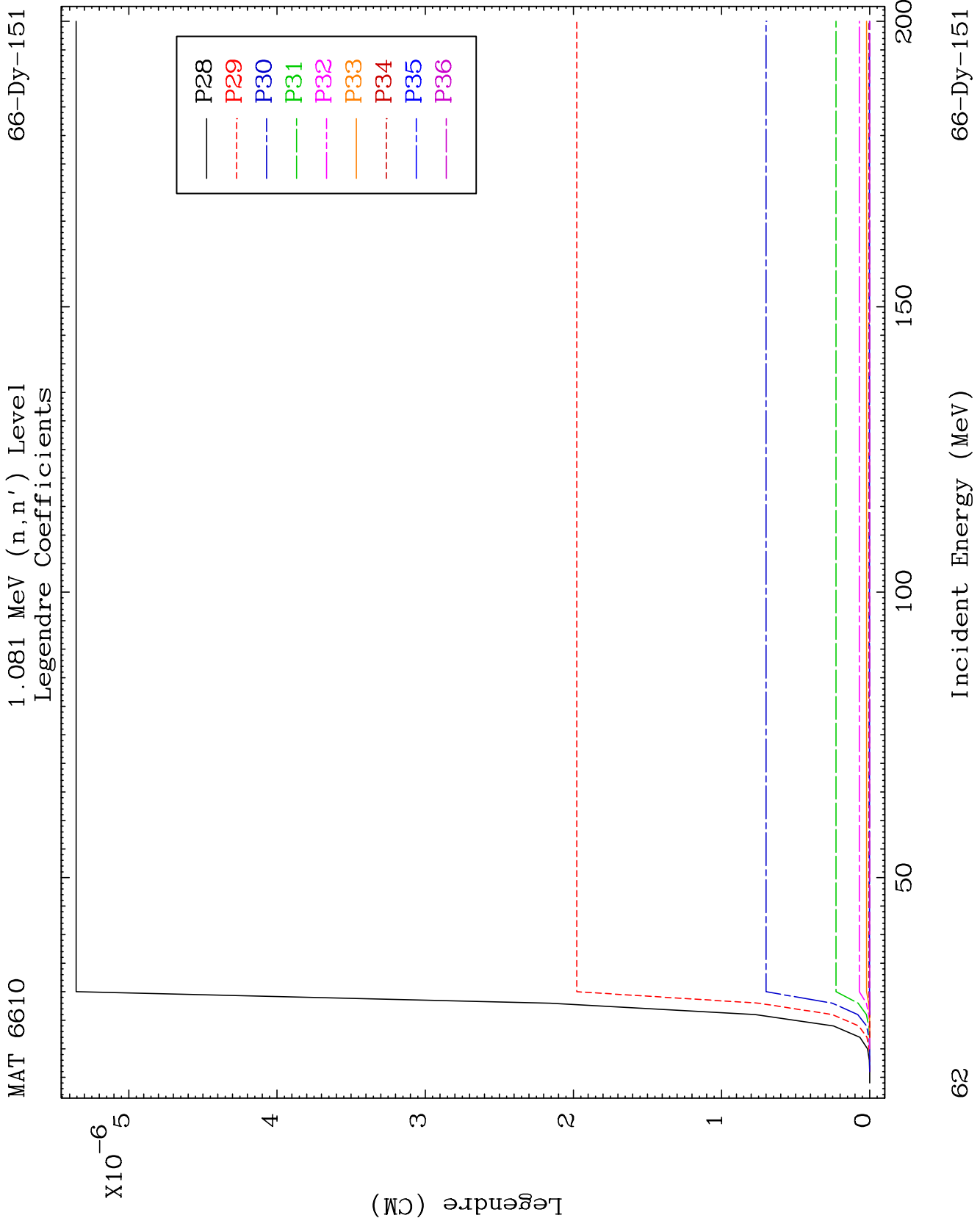
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61

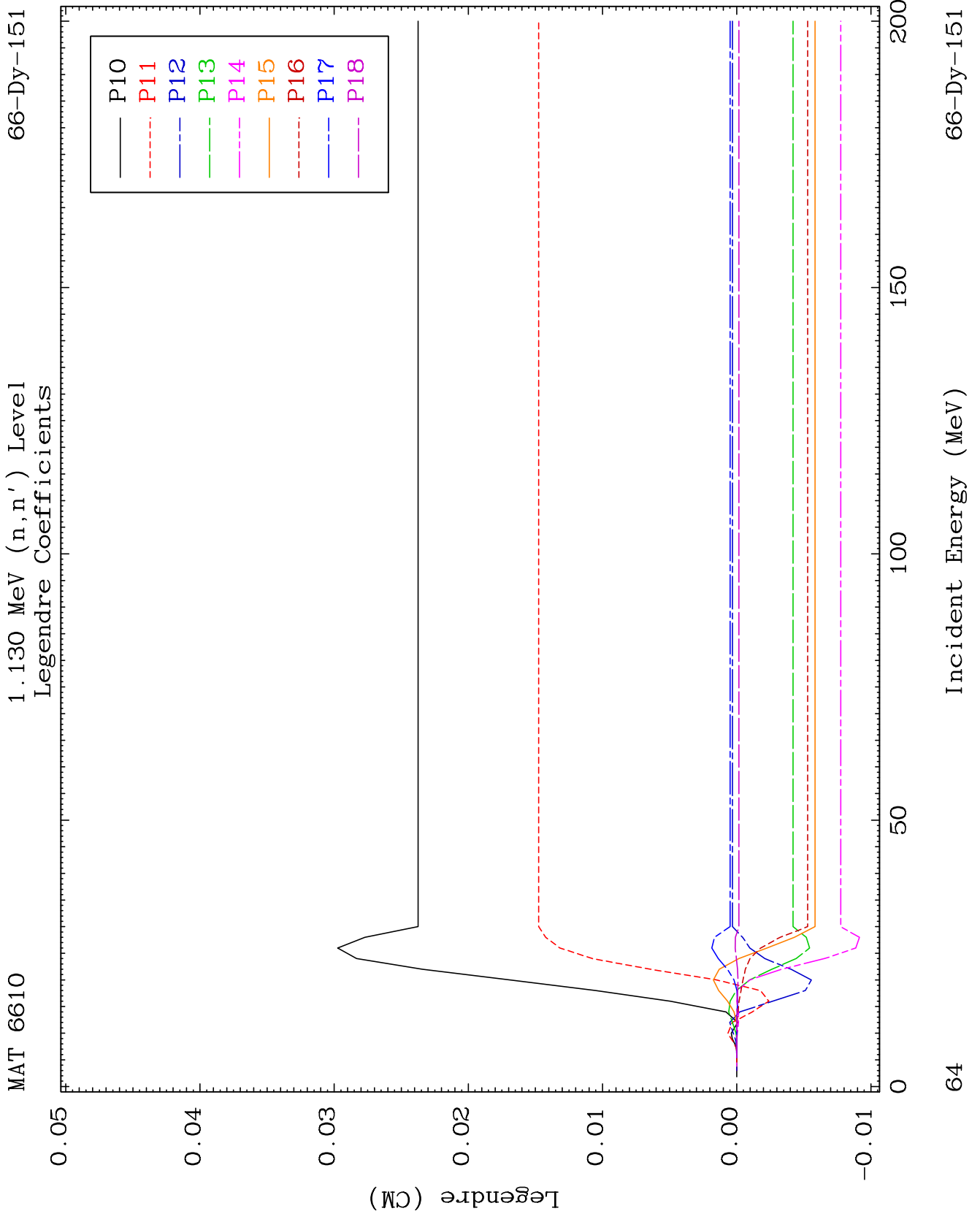
Incident Energy (MeV)

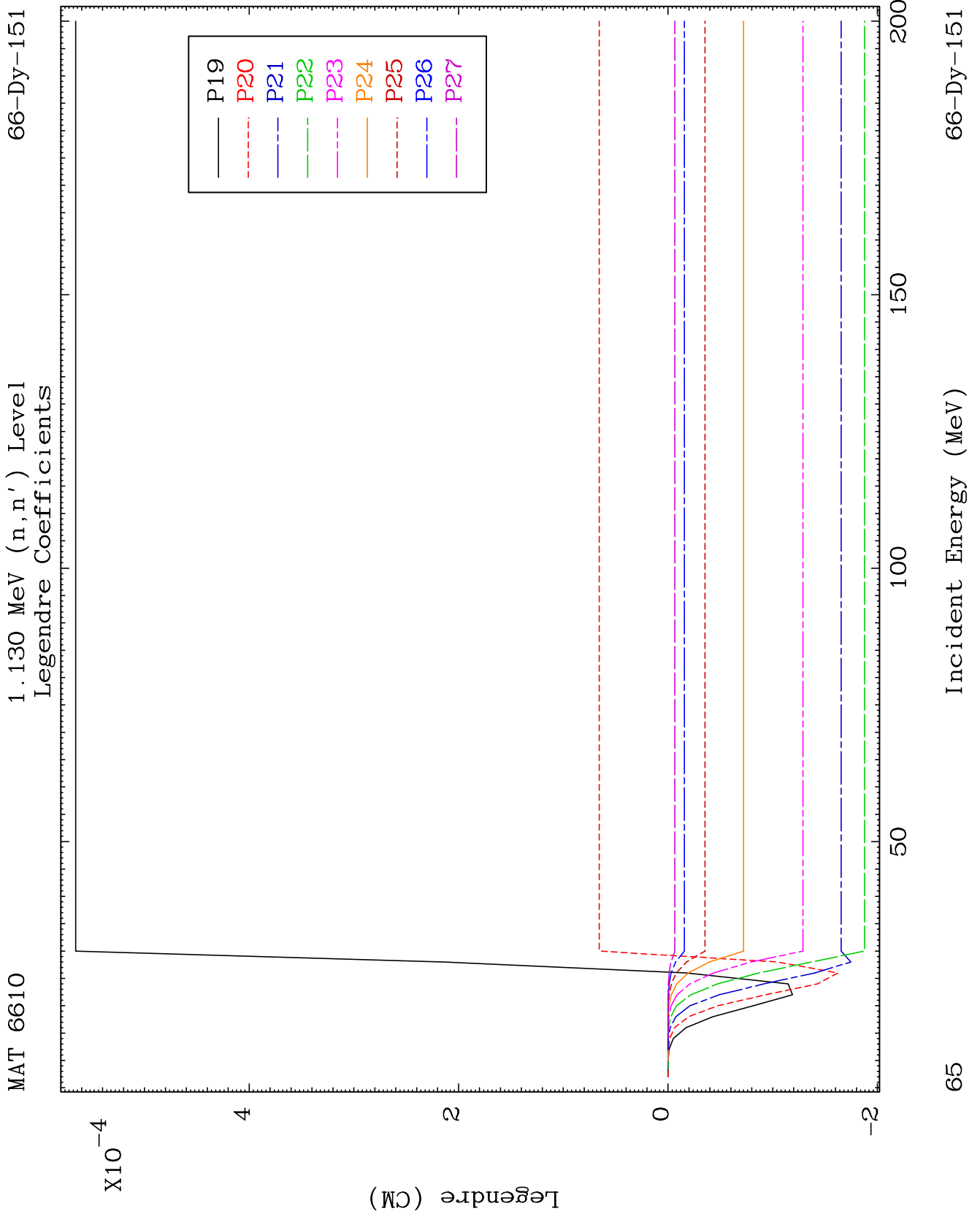
66-Dy-151

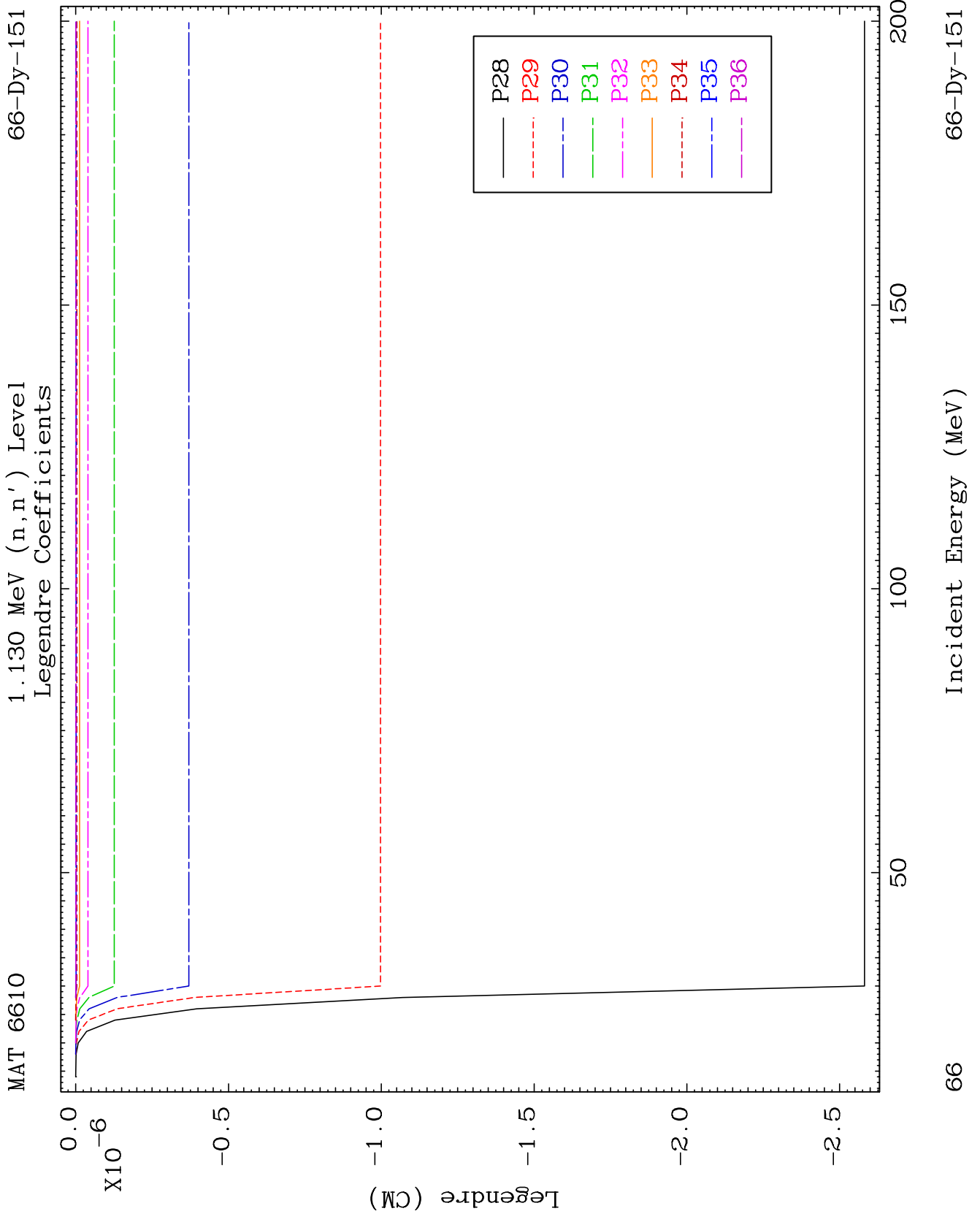


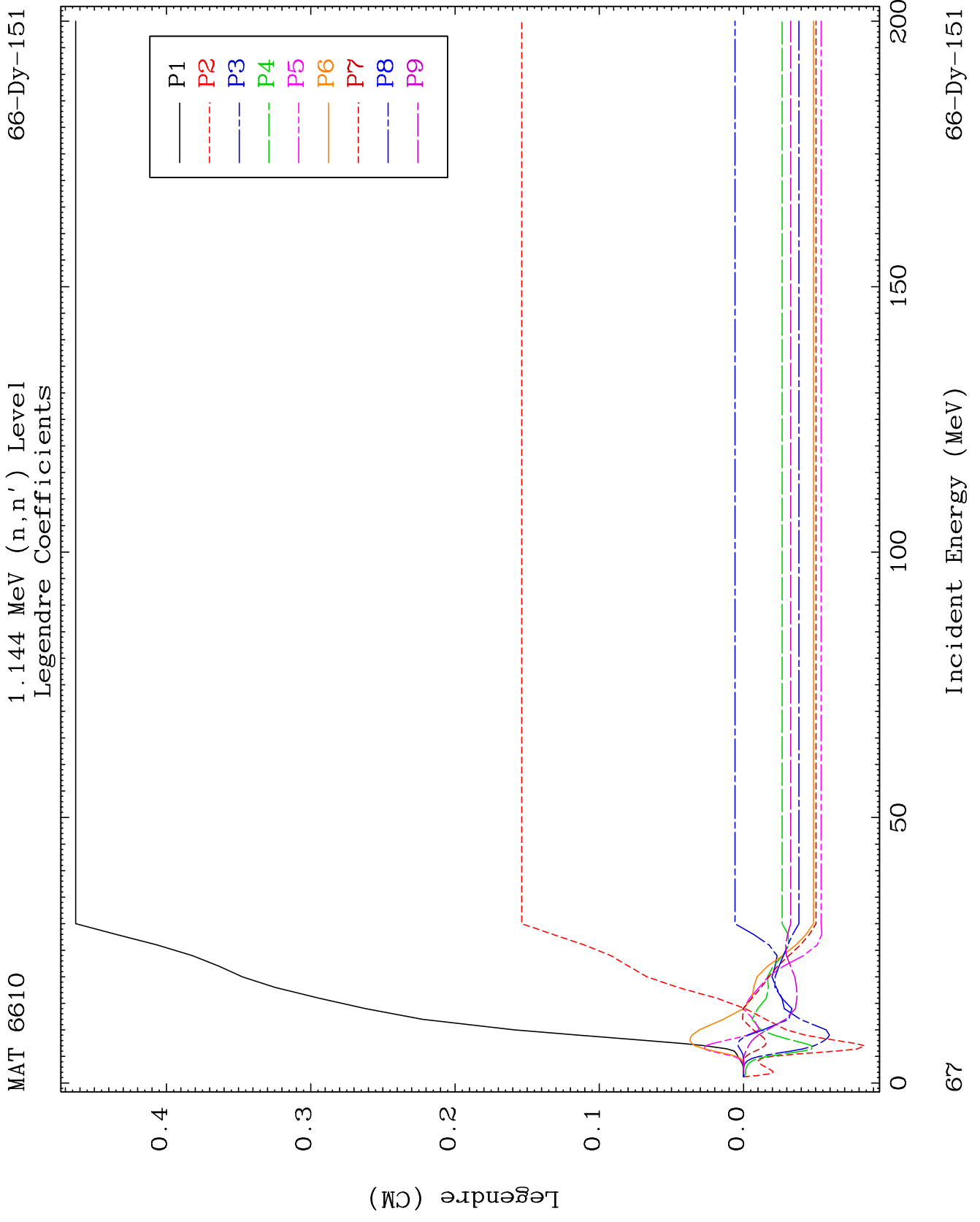


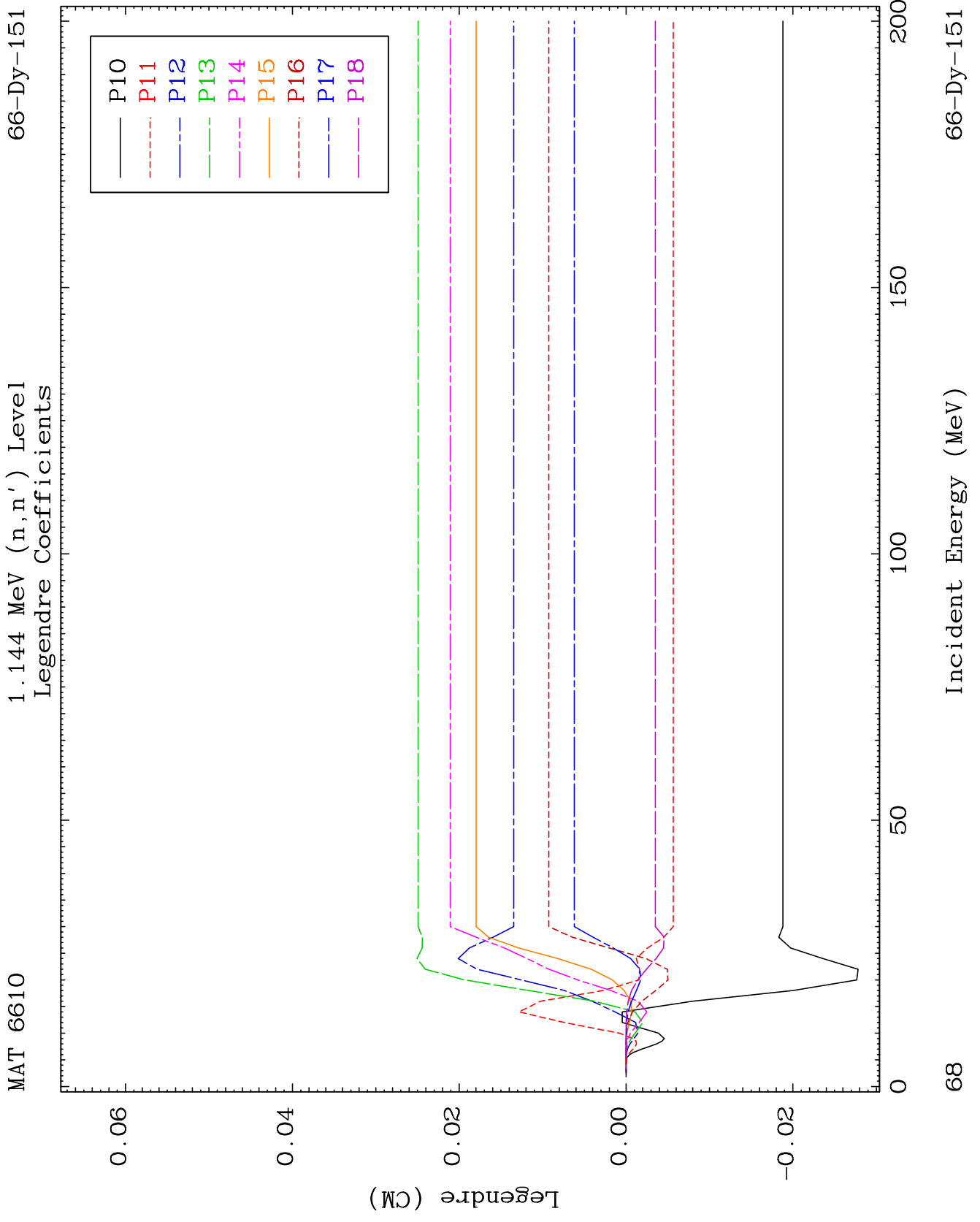








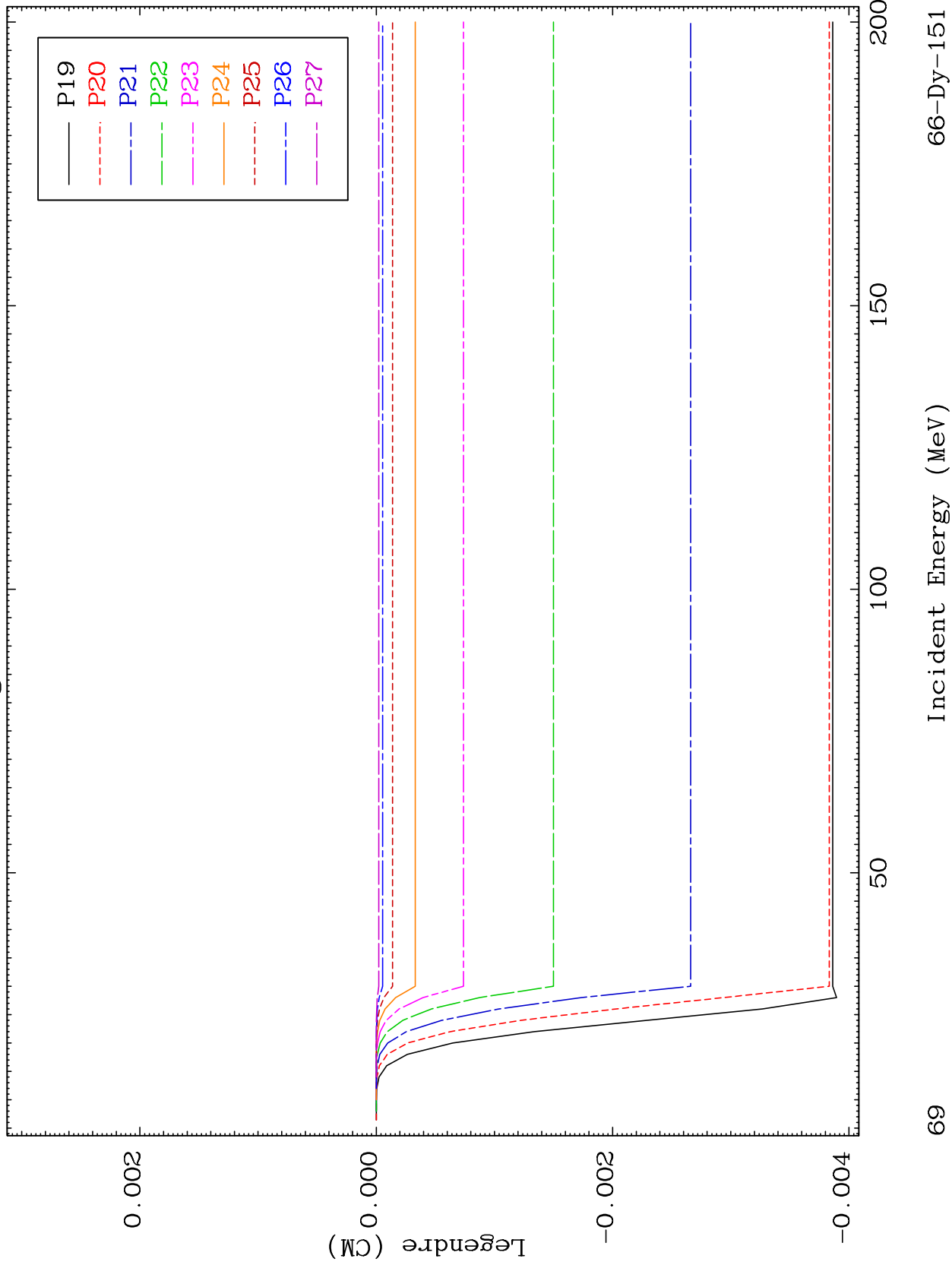




MAT 6610

1.144 MeV (n,n') Level  
Legendre Coefficients

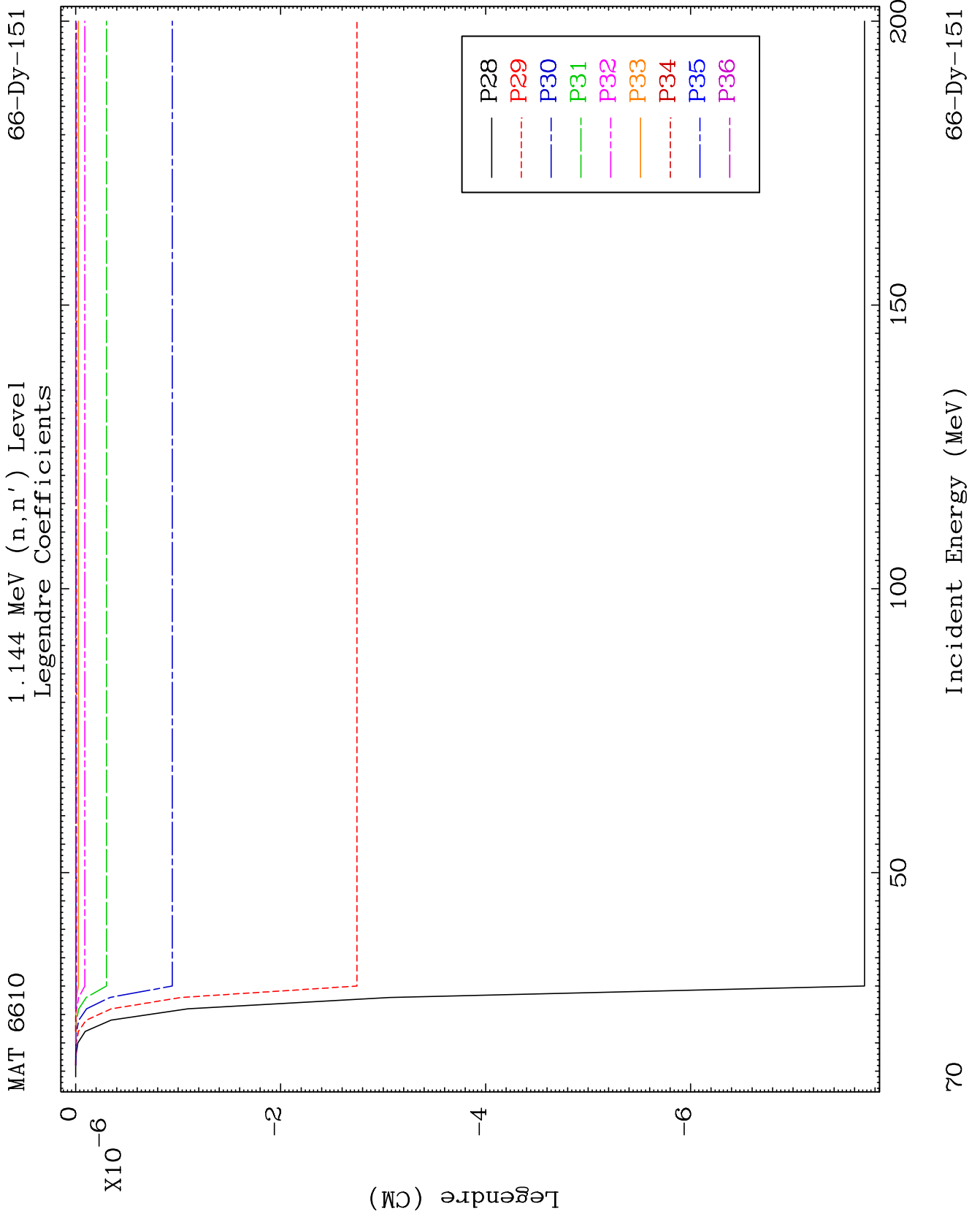
66-Dy-151



69

Incident Energy (MeV)

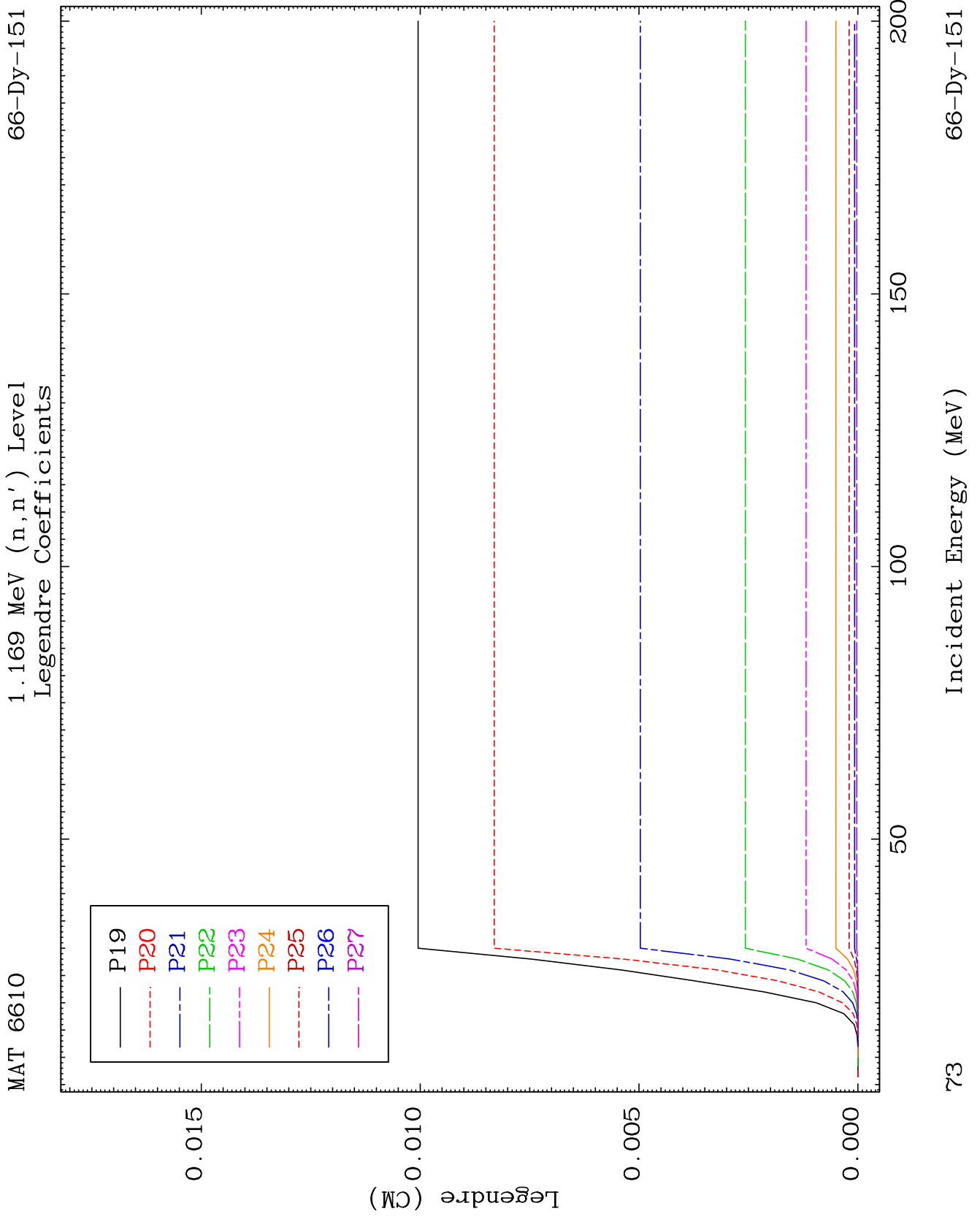
66-Dy-151

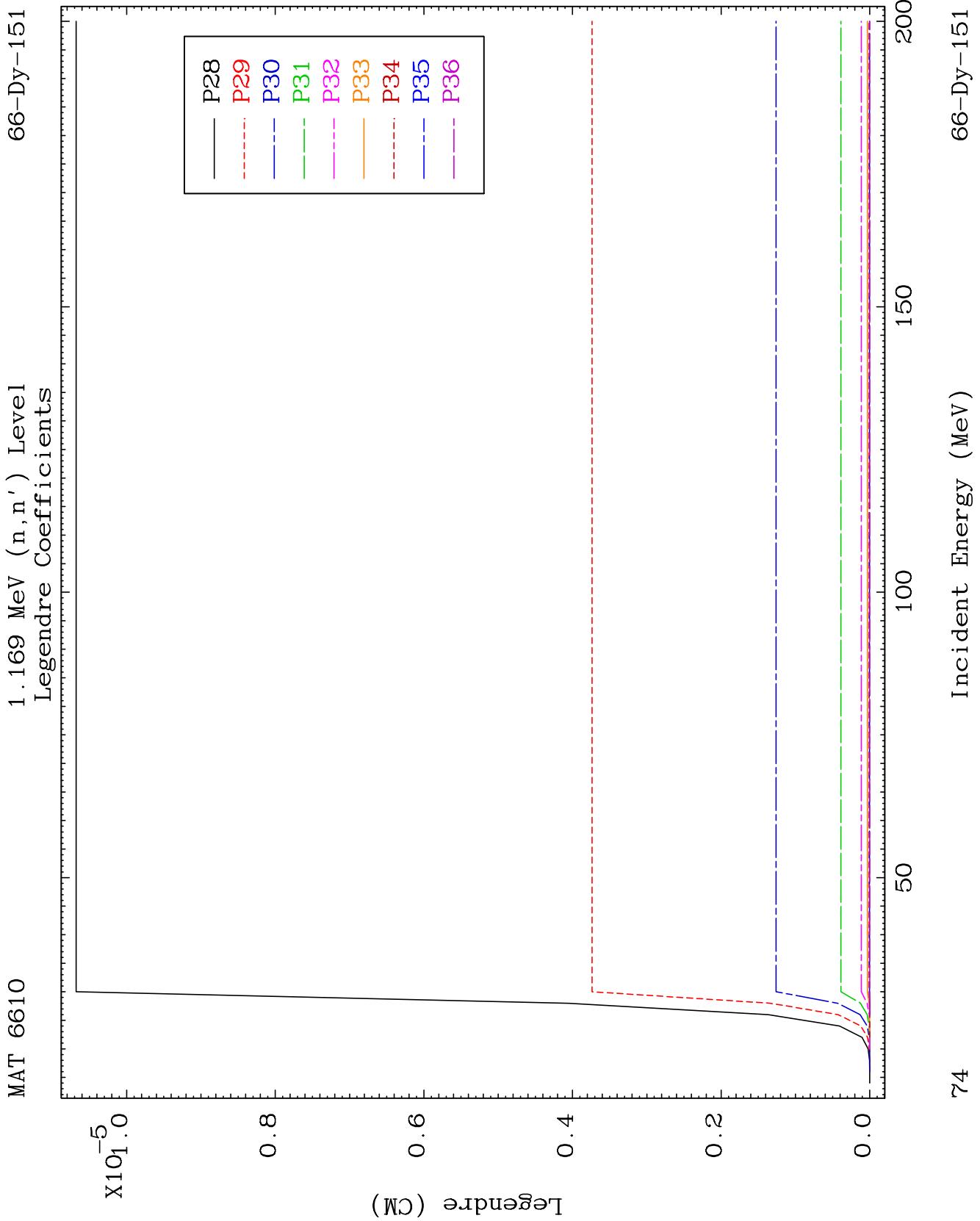








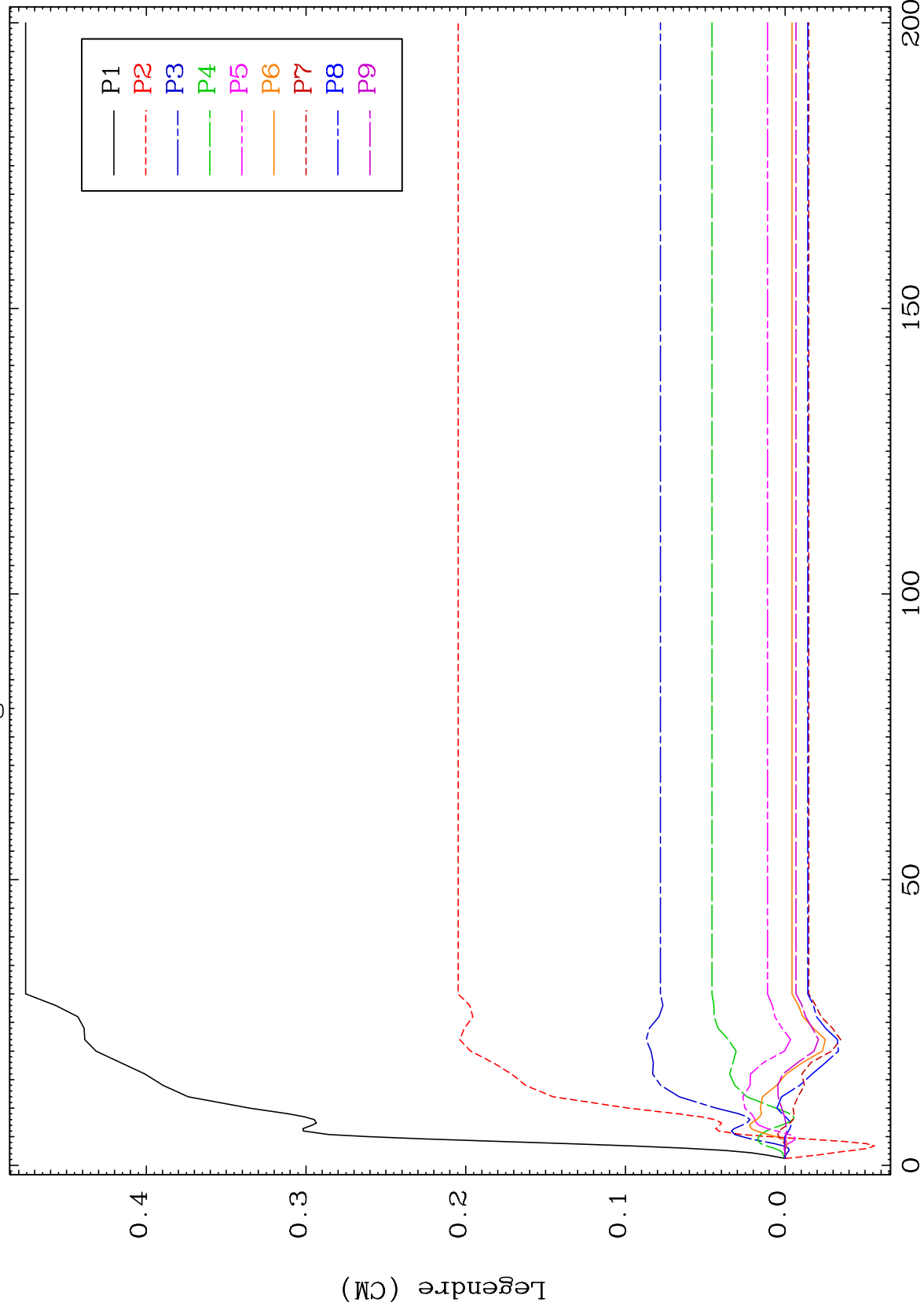




MAT 6610

1.182 MeV (n,n') Level Legendre Coefficients

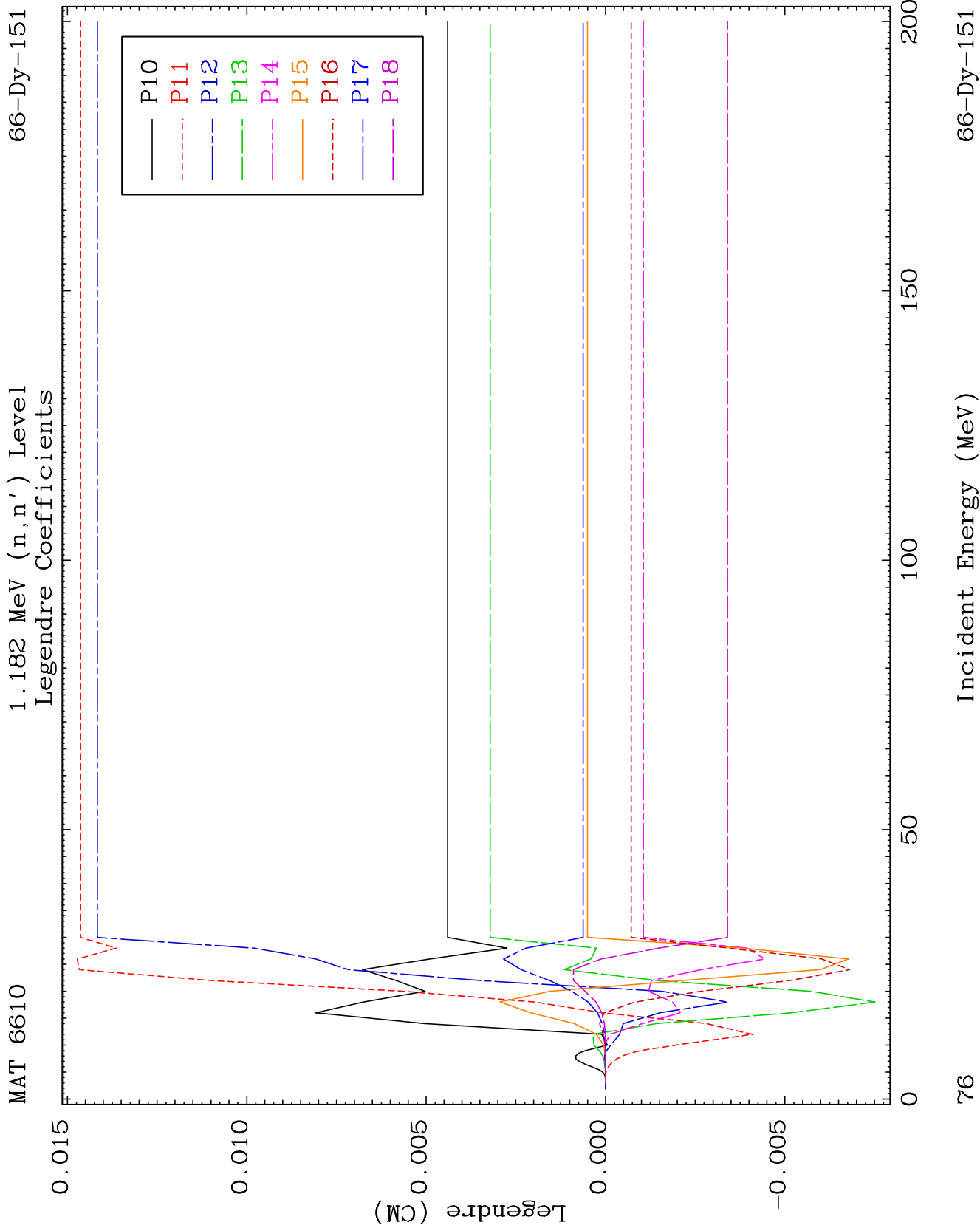
66-Dy-151



66-Dy-151

Incident Energy (MeV)

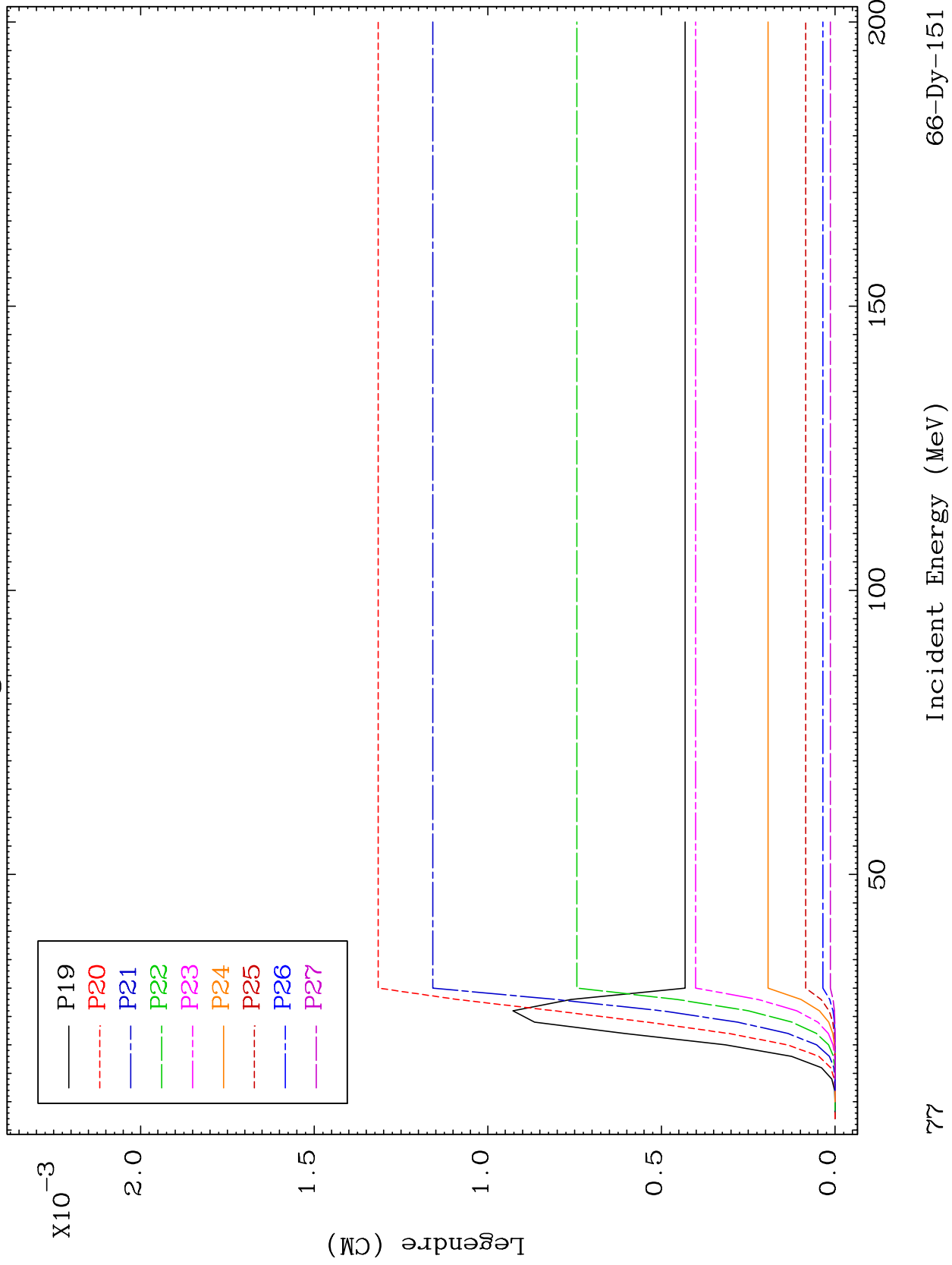
75



MAT 6610

1.182 MeV (n,n') Level  
Legendre Coefficients

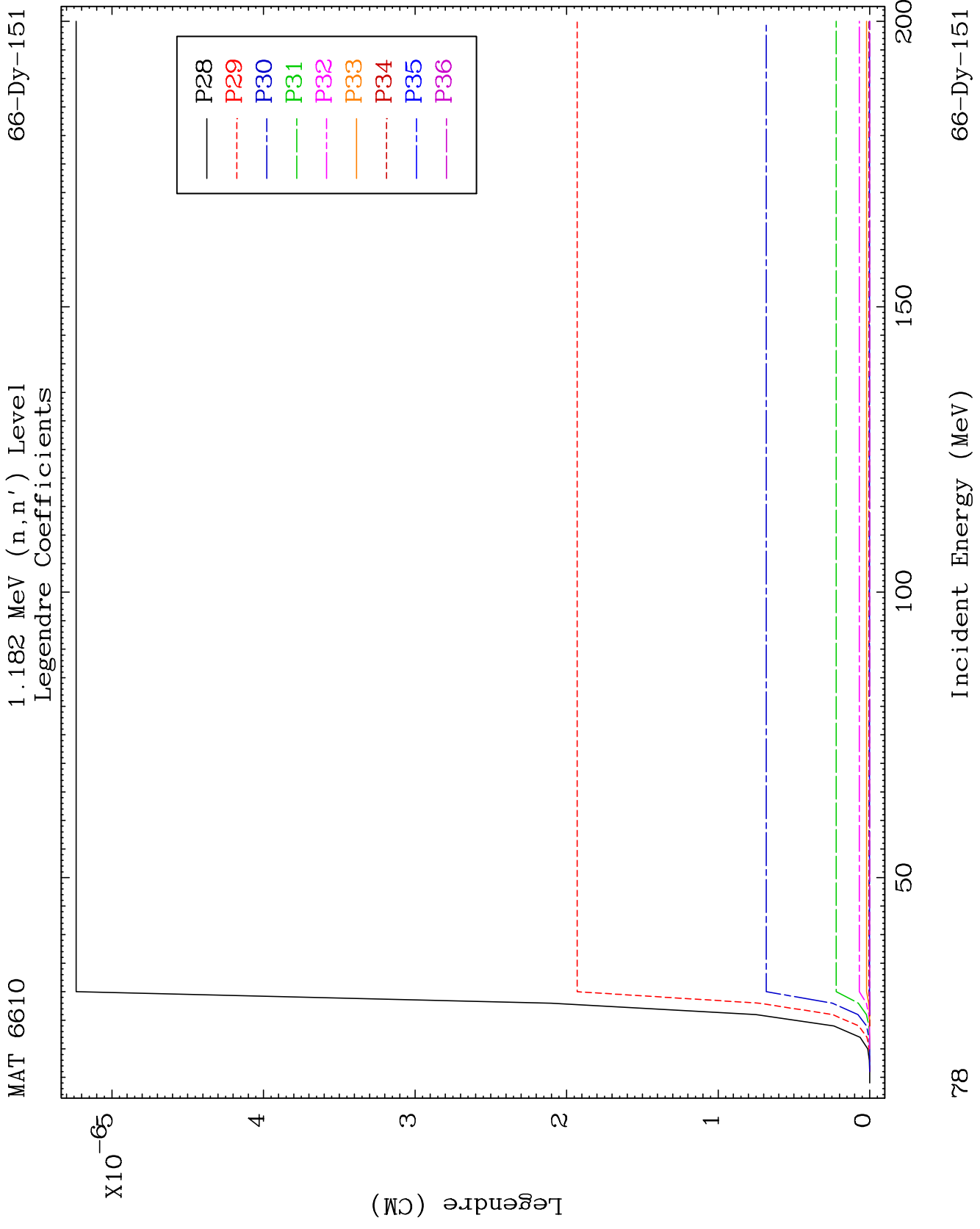
66-Dy-151

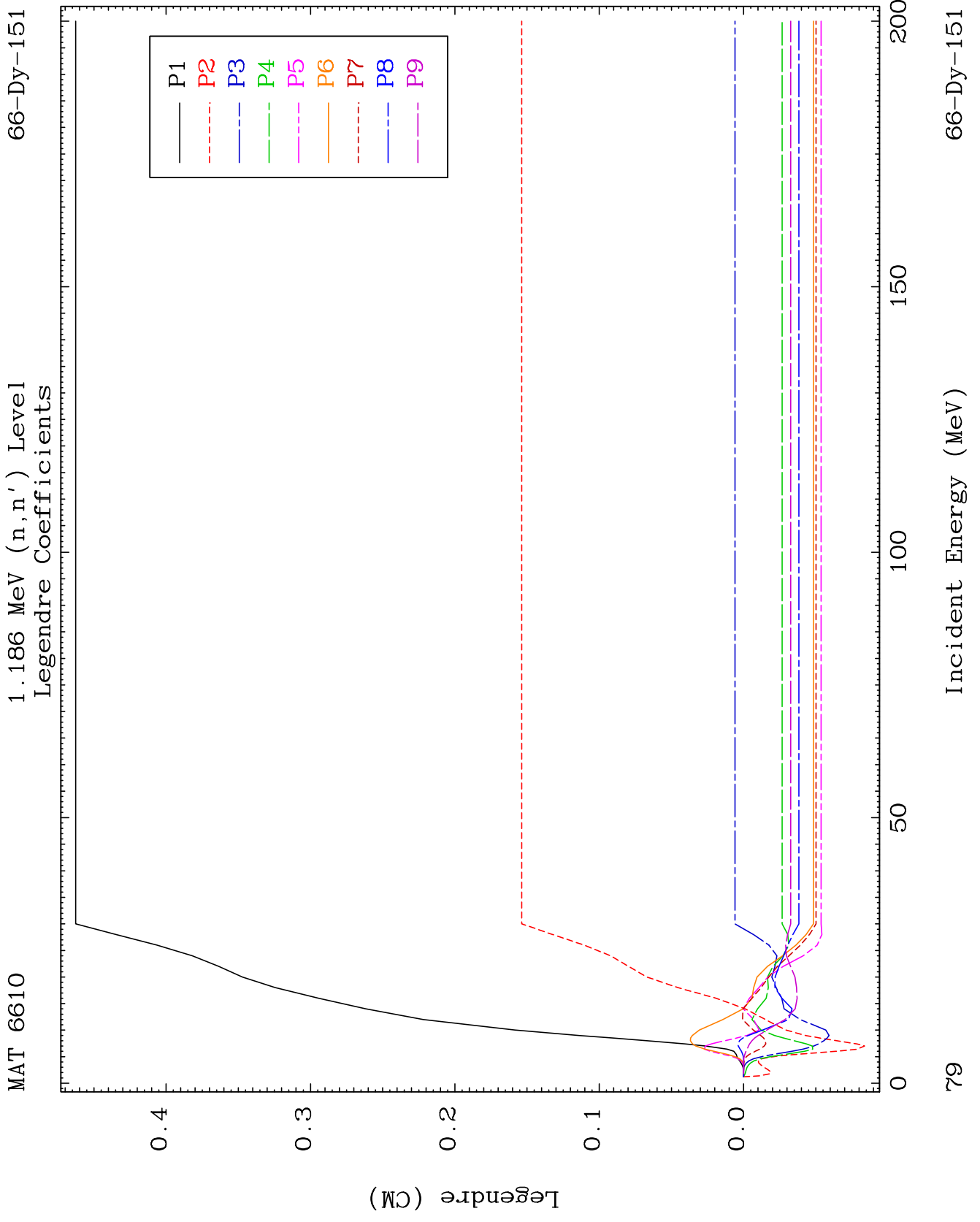


77

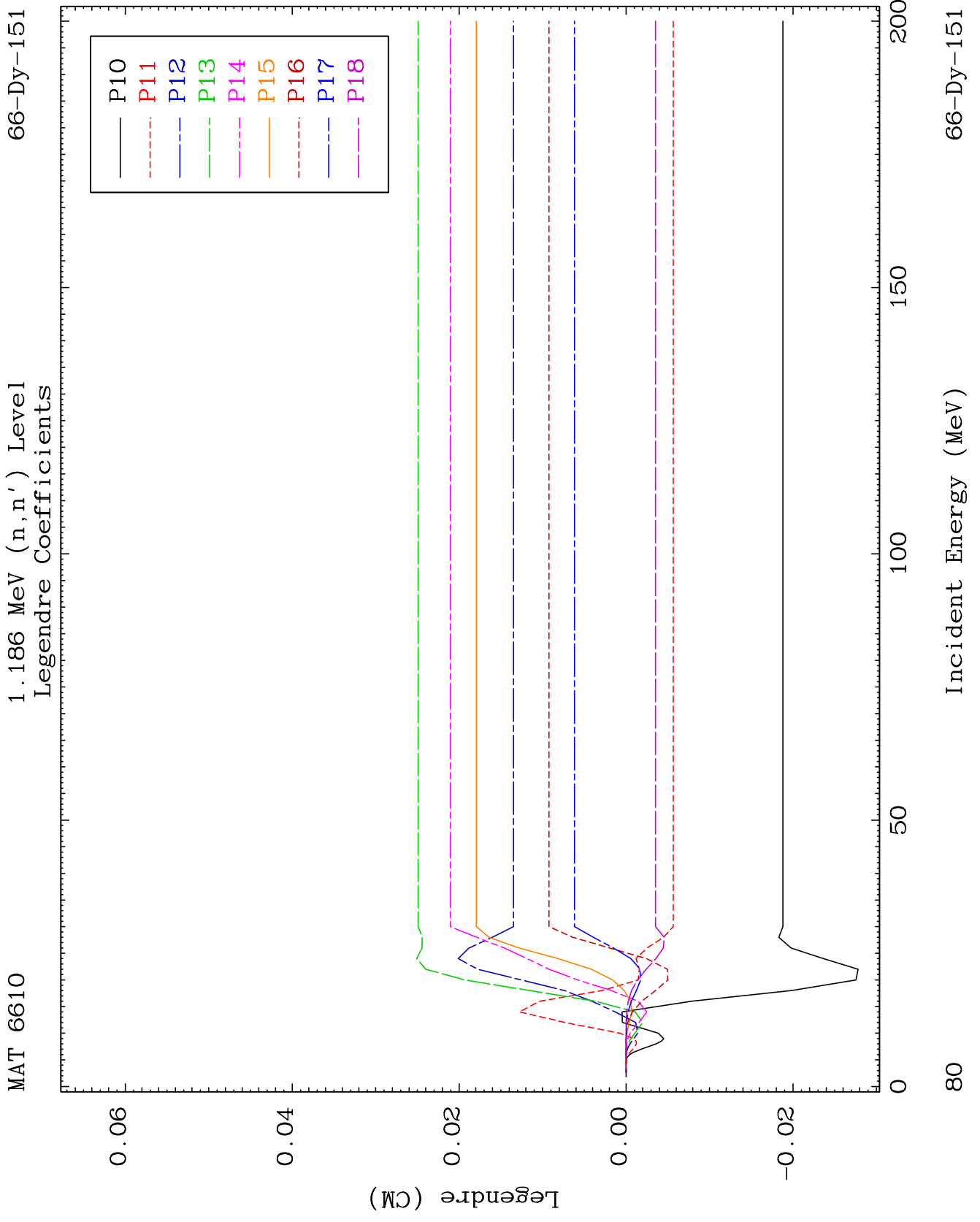
Incident Energy (MeV)

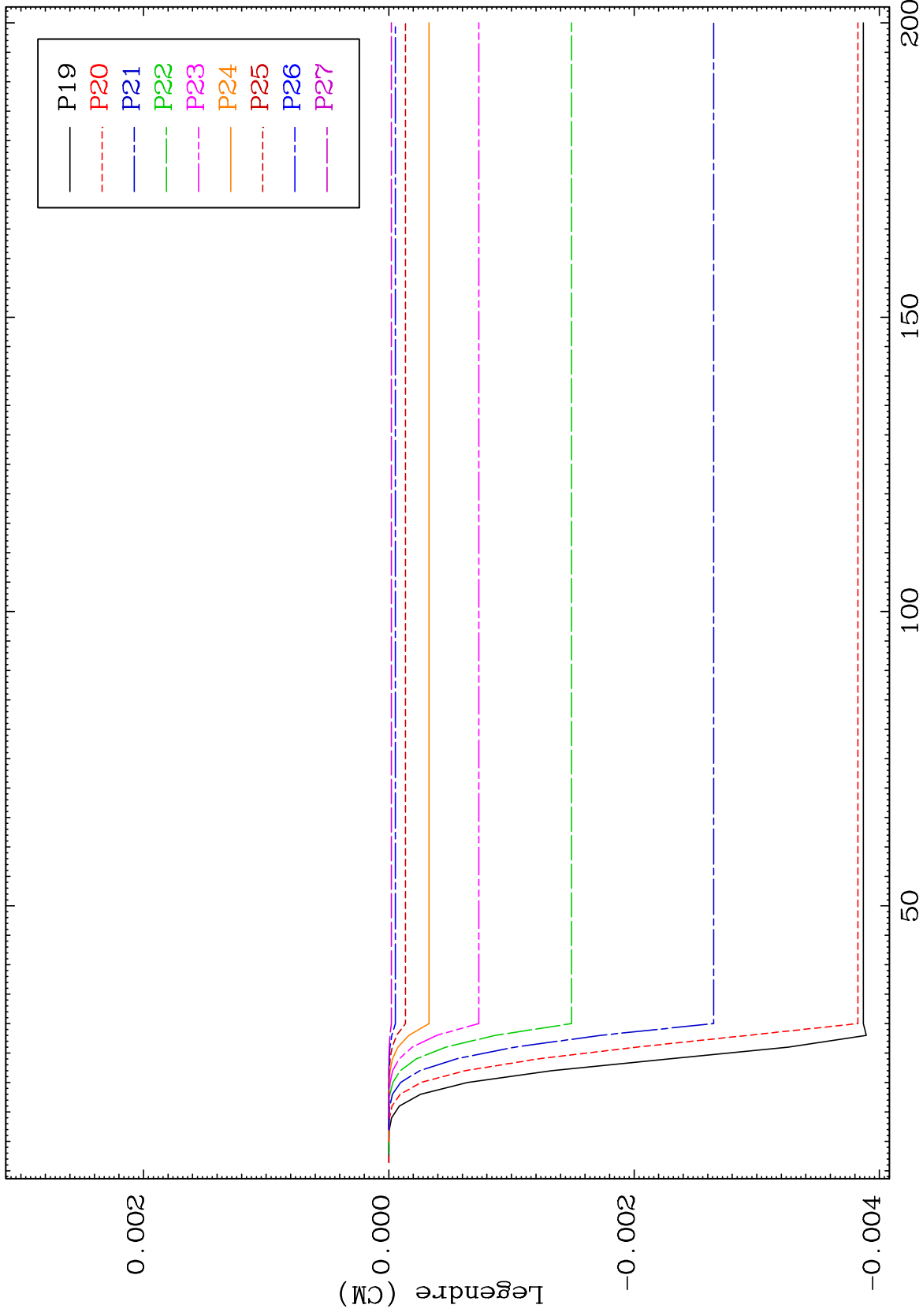
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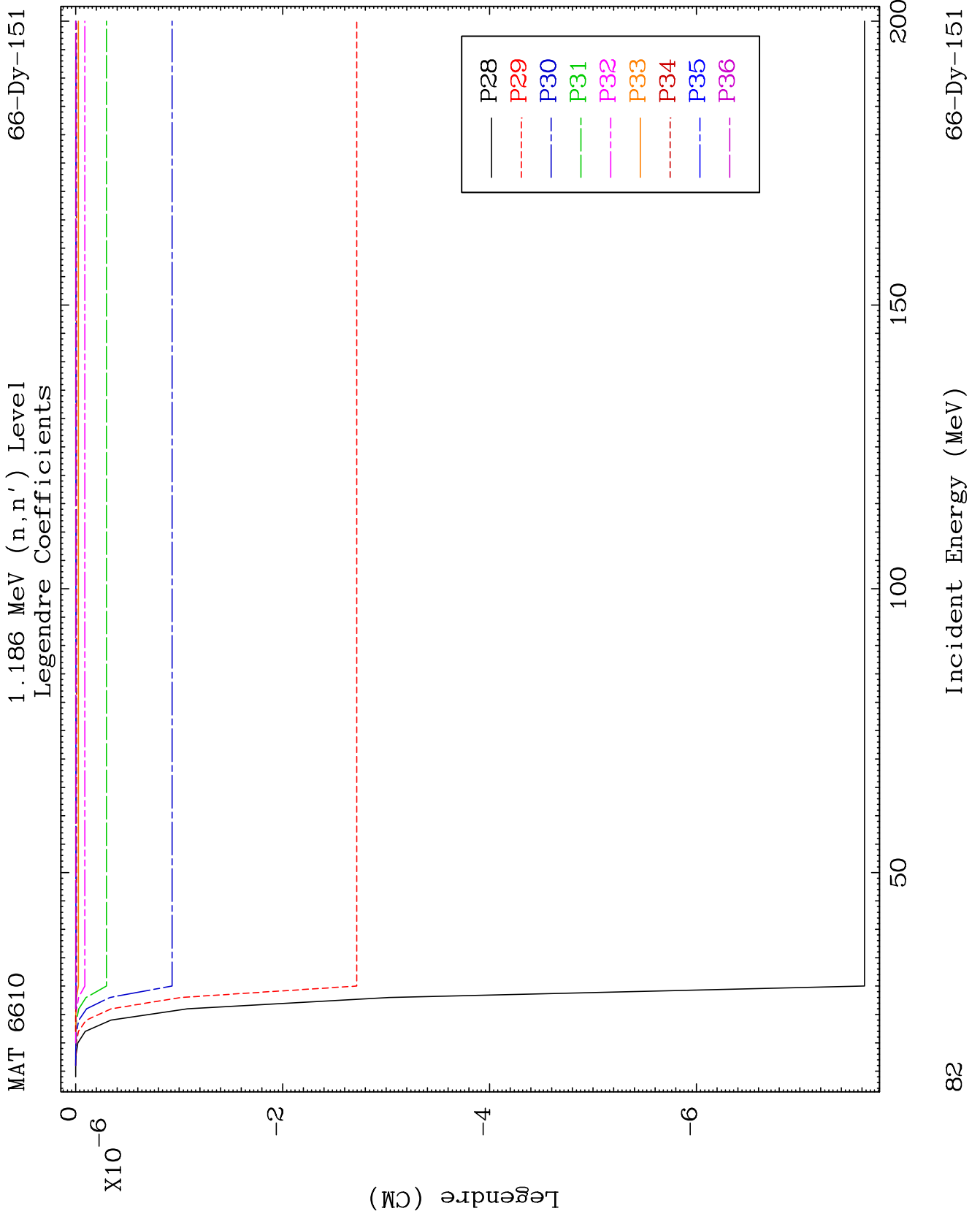








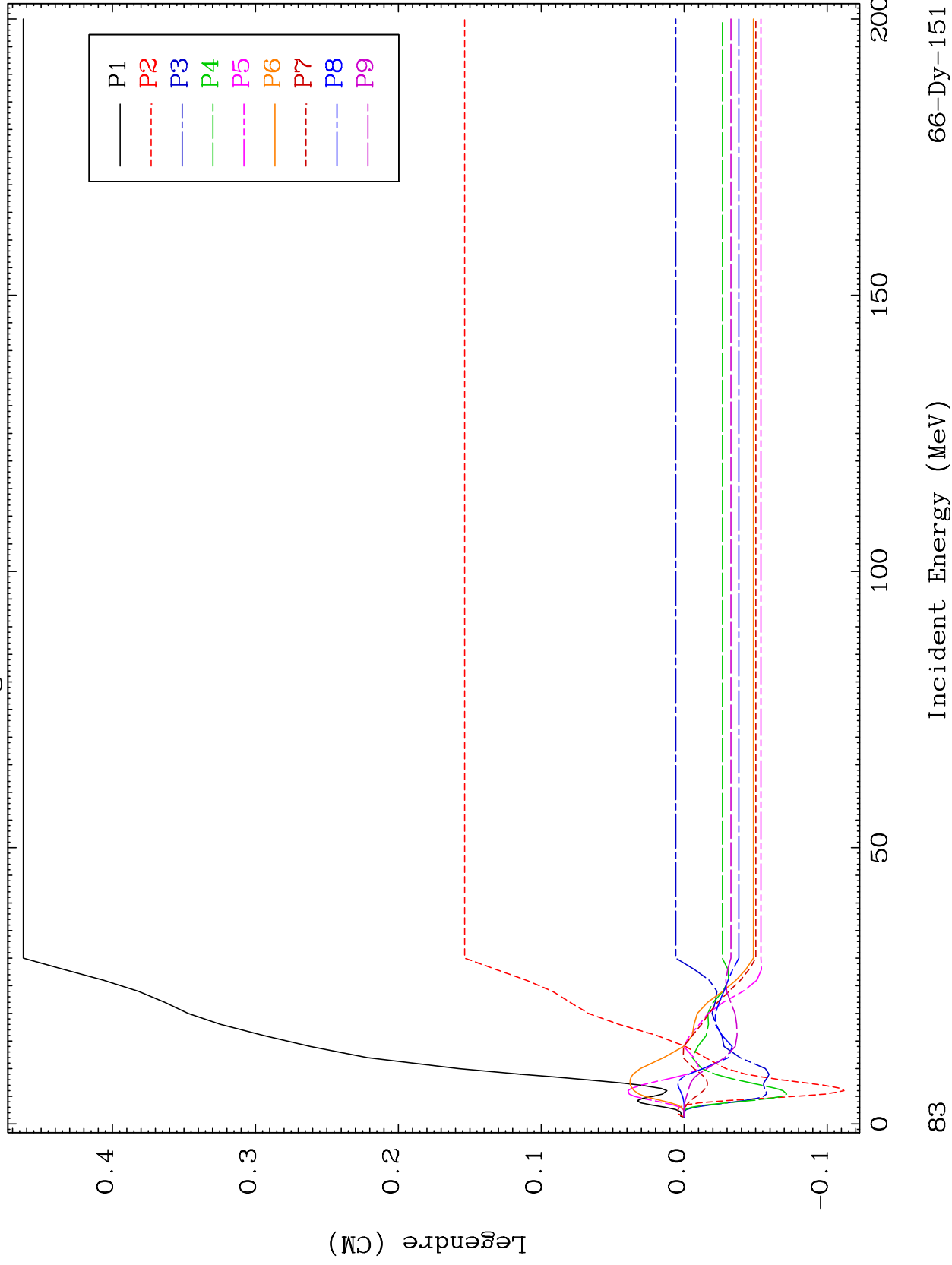




MAT 6610

1.222 MeV (n,n') Level  
Legendre Coefficients

66-Dy-151



66-Dy-151

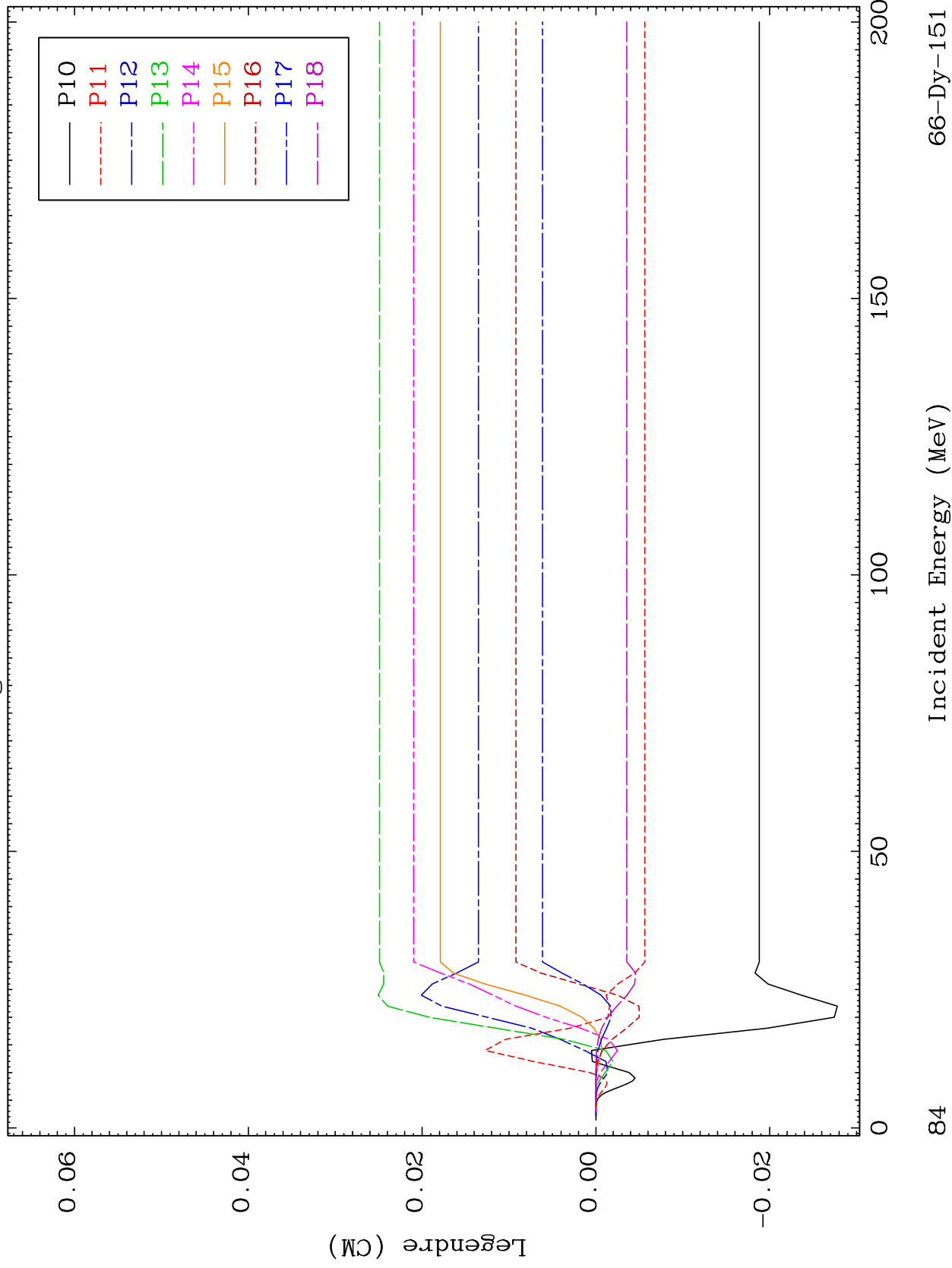
Incident Energy (MeV)

83

MAT 6610

1.222 MeV (n,n') Level  
Legendre Coefficients

66-Dy-151



84

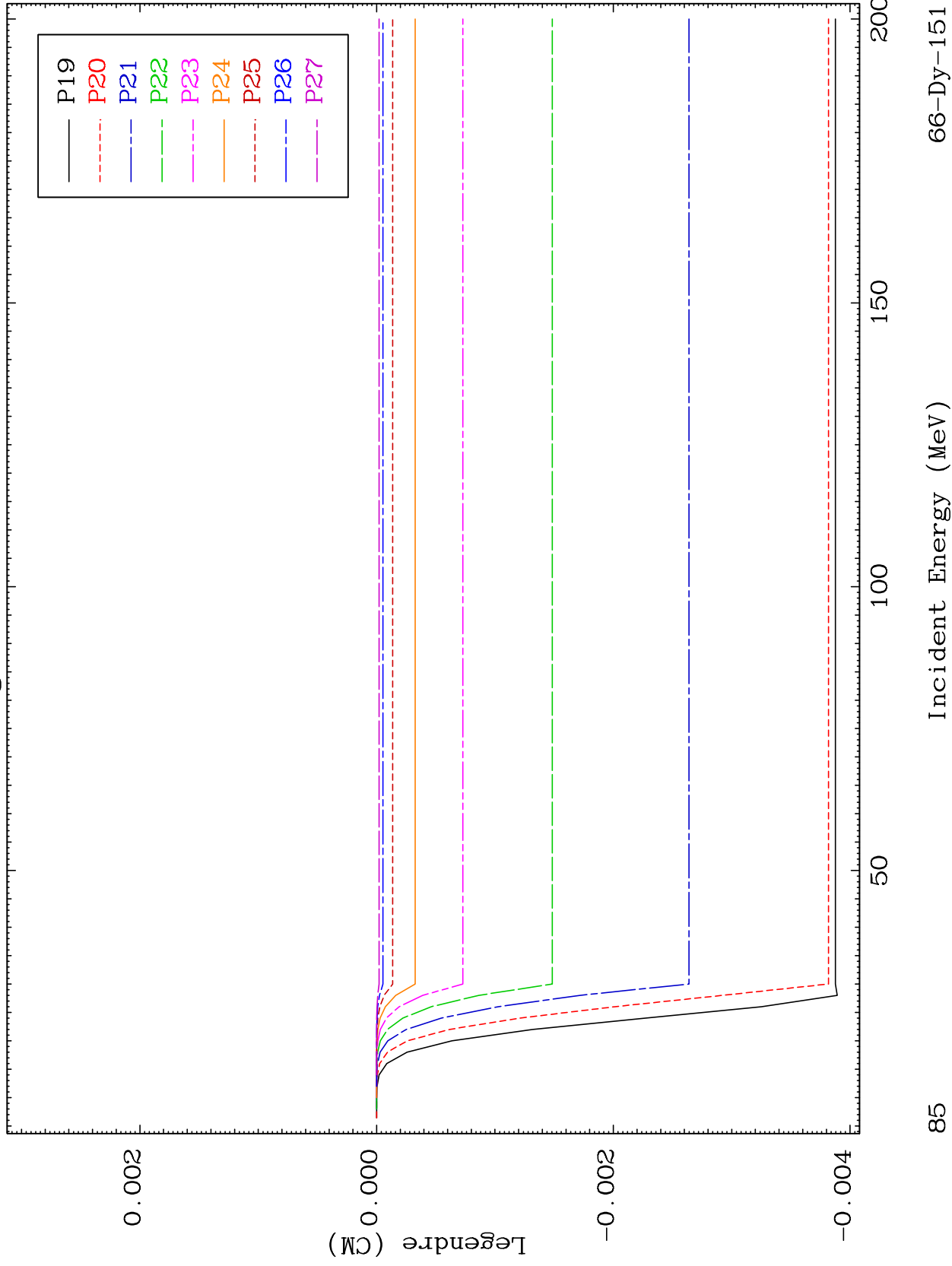
Incident Energy (MeV)

66-Dy-151

MAT 6610

1.222 MeV (n,n') Level  
Legendre Coefficients

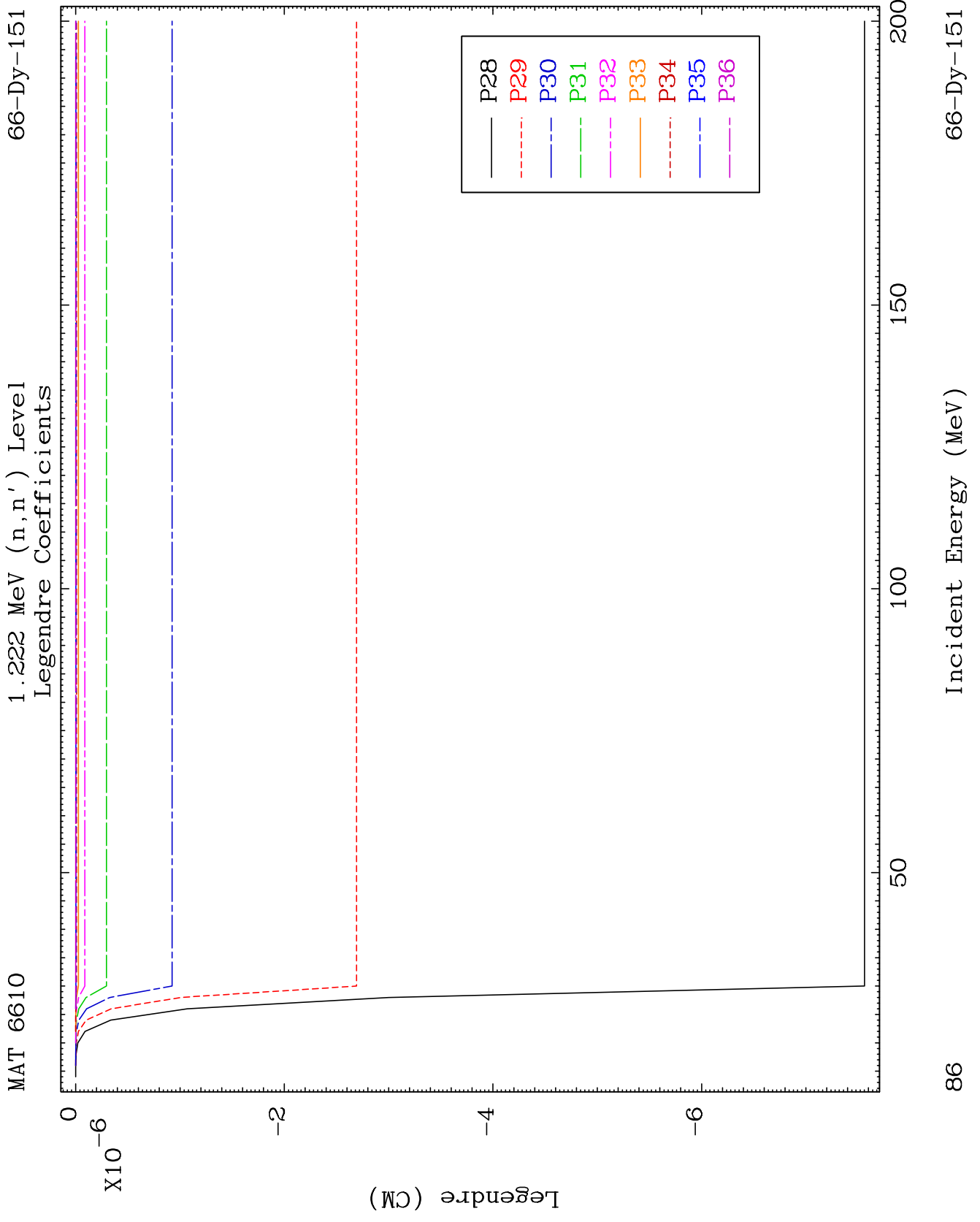
66-Dy-151

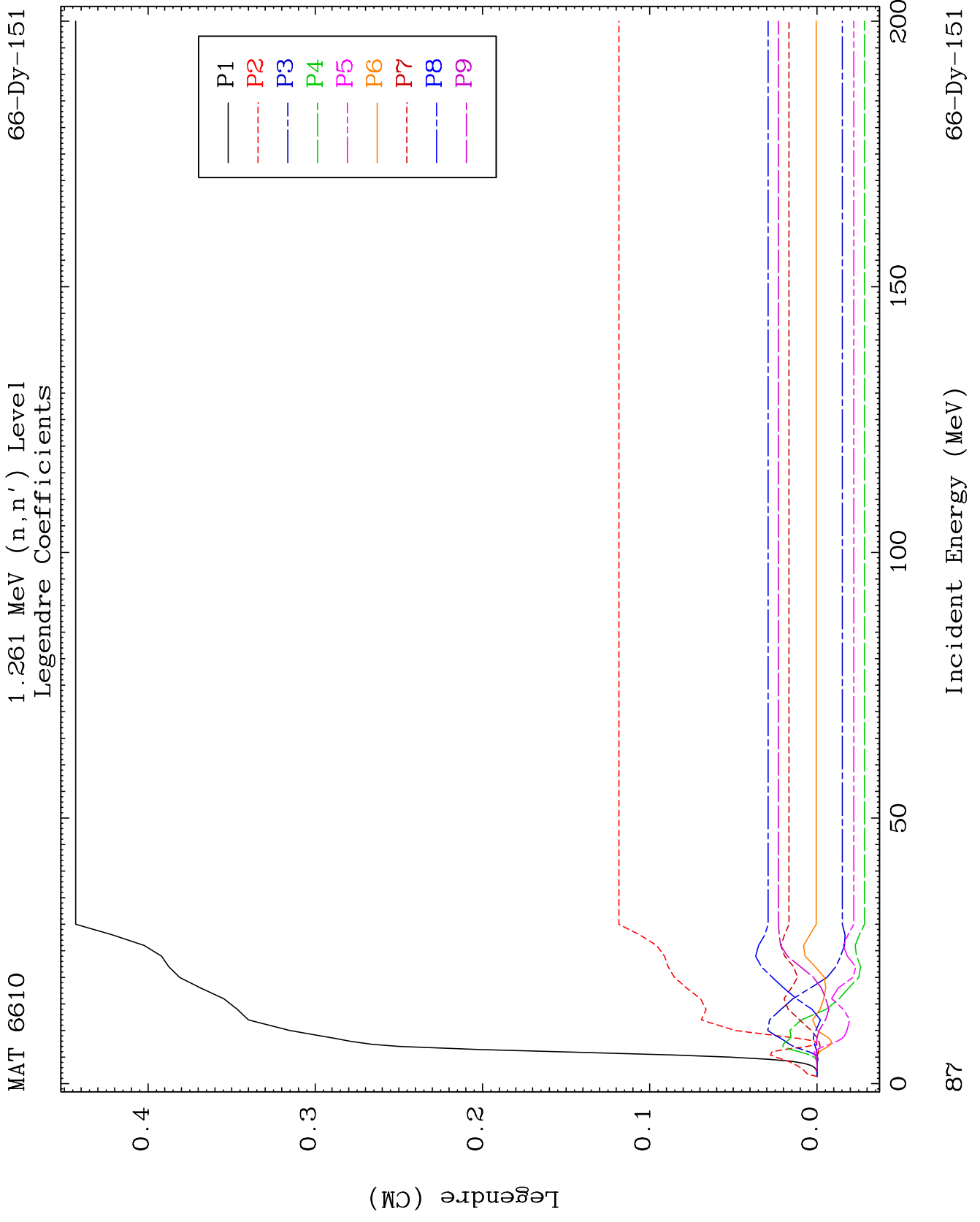


85

Incident Energy (MeV)

66-Dy-151



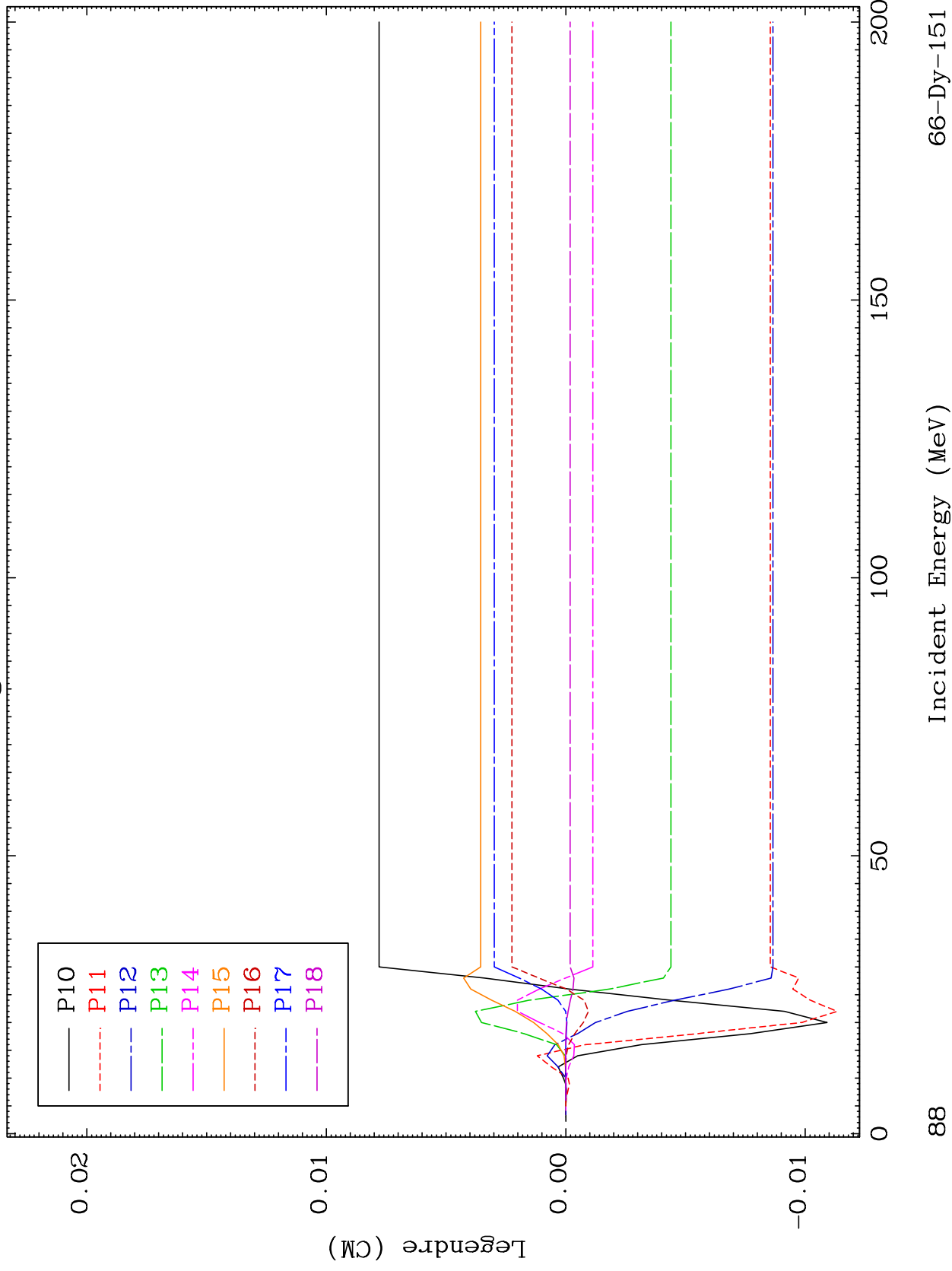




MAT 6610

1.261 MeV (n,n') Level  
Legendre Coefficients

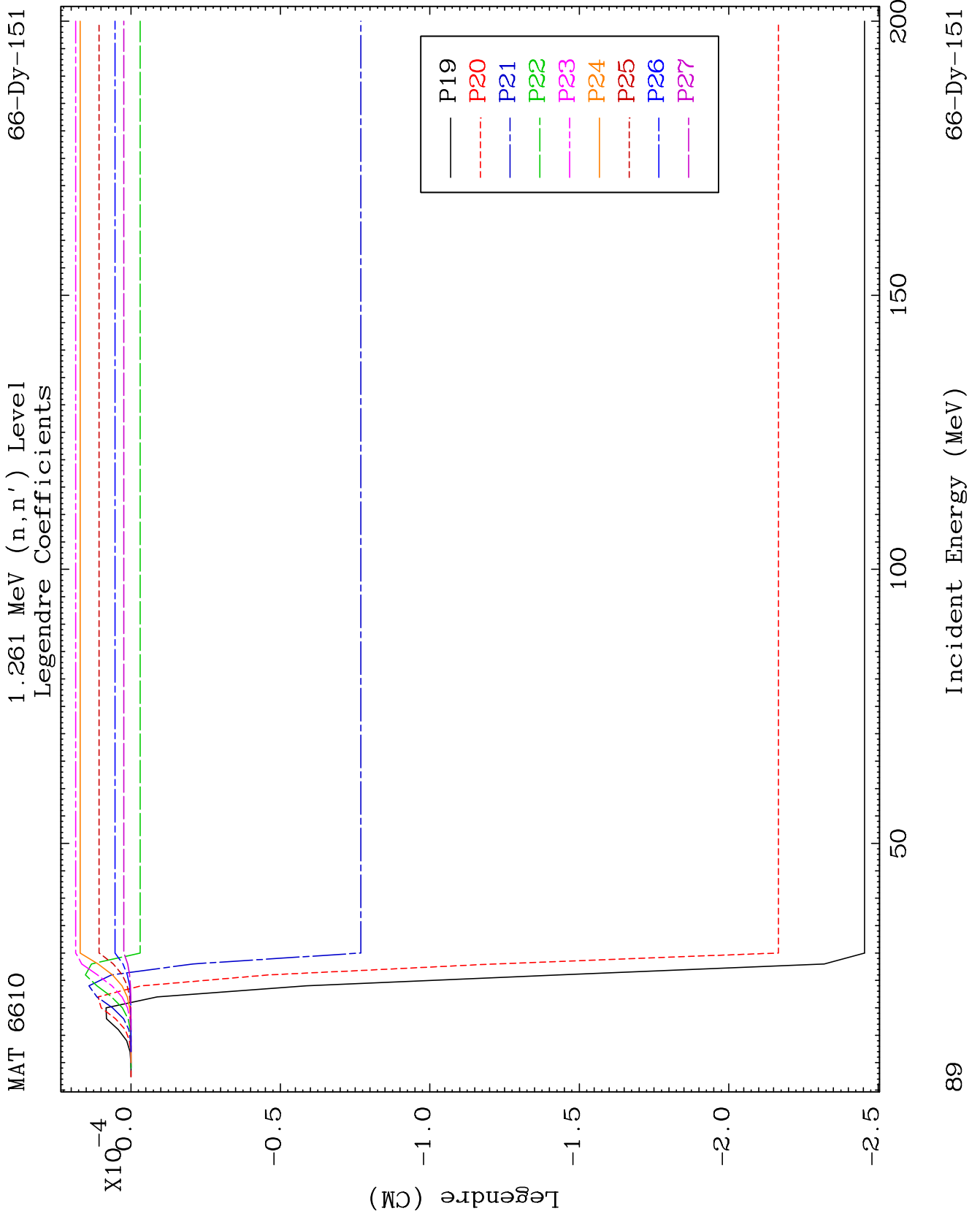
66-Dy-151

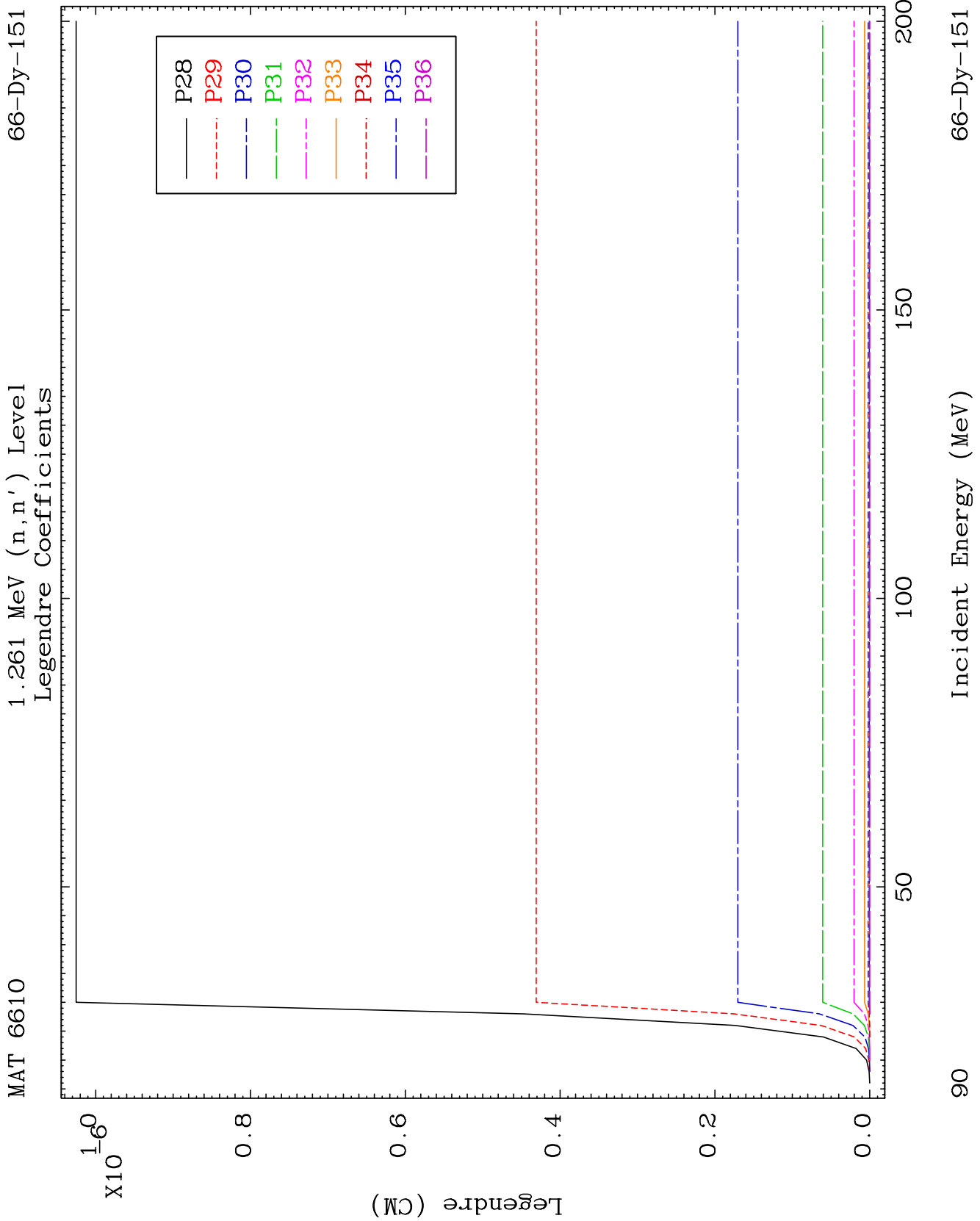


66-Dy-151

Incident Energy (MeV)

88

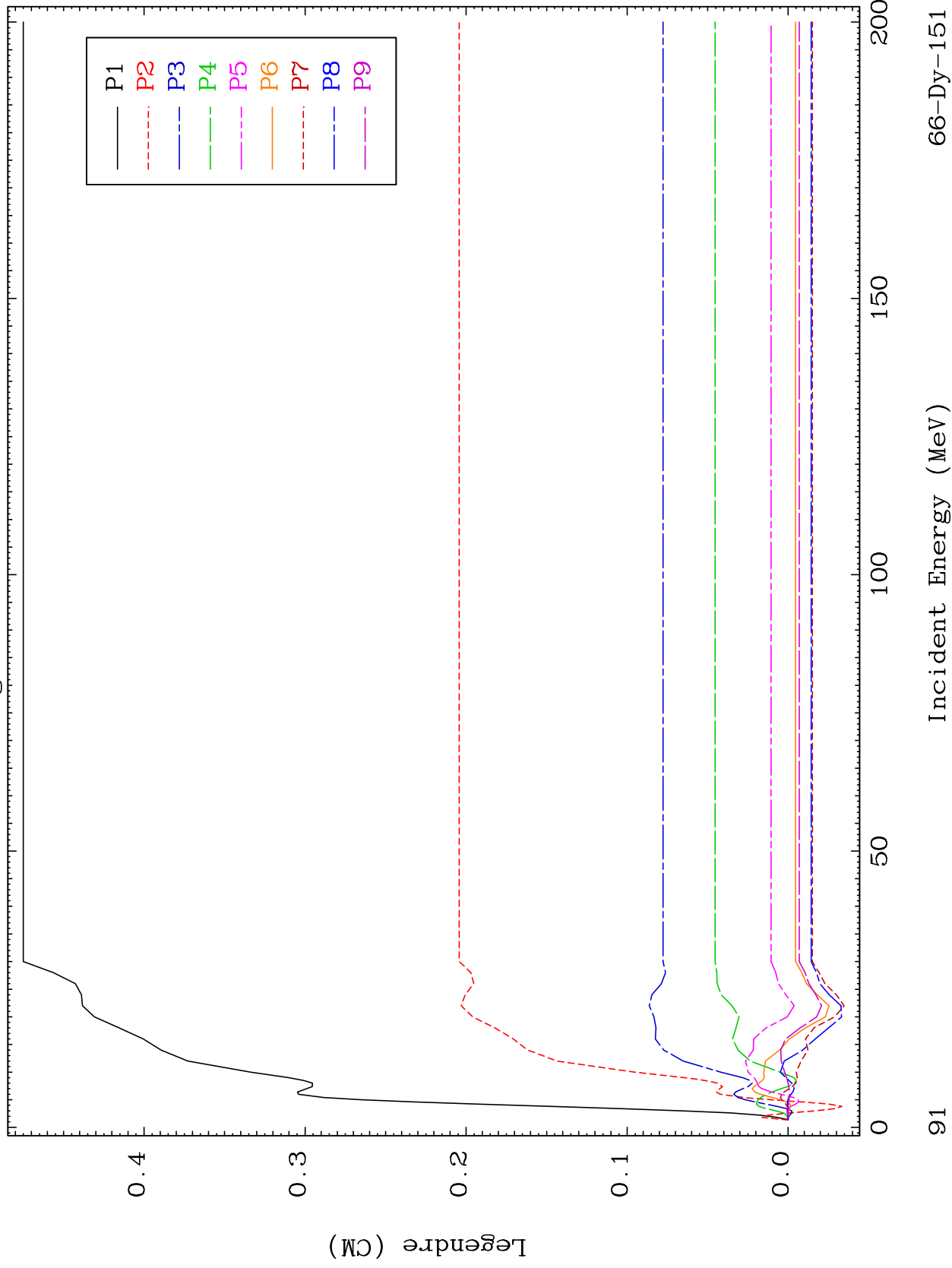




MAT 6610

1.311 MeV (n,n') Level  
Legendre Coefficients

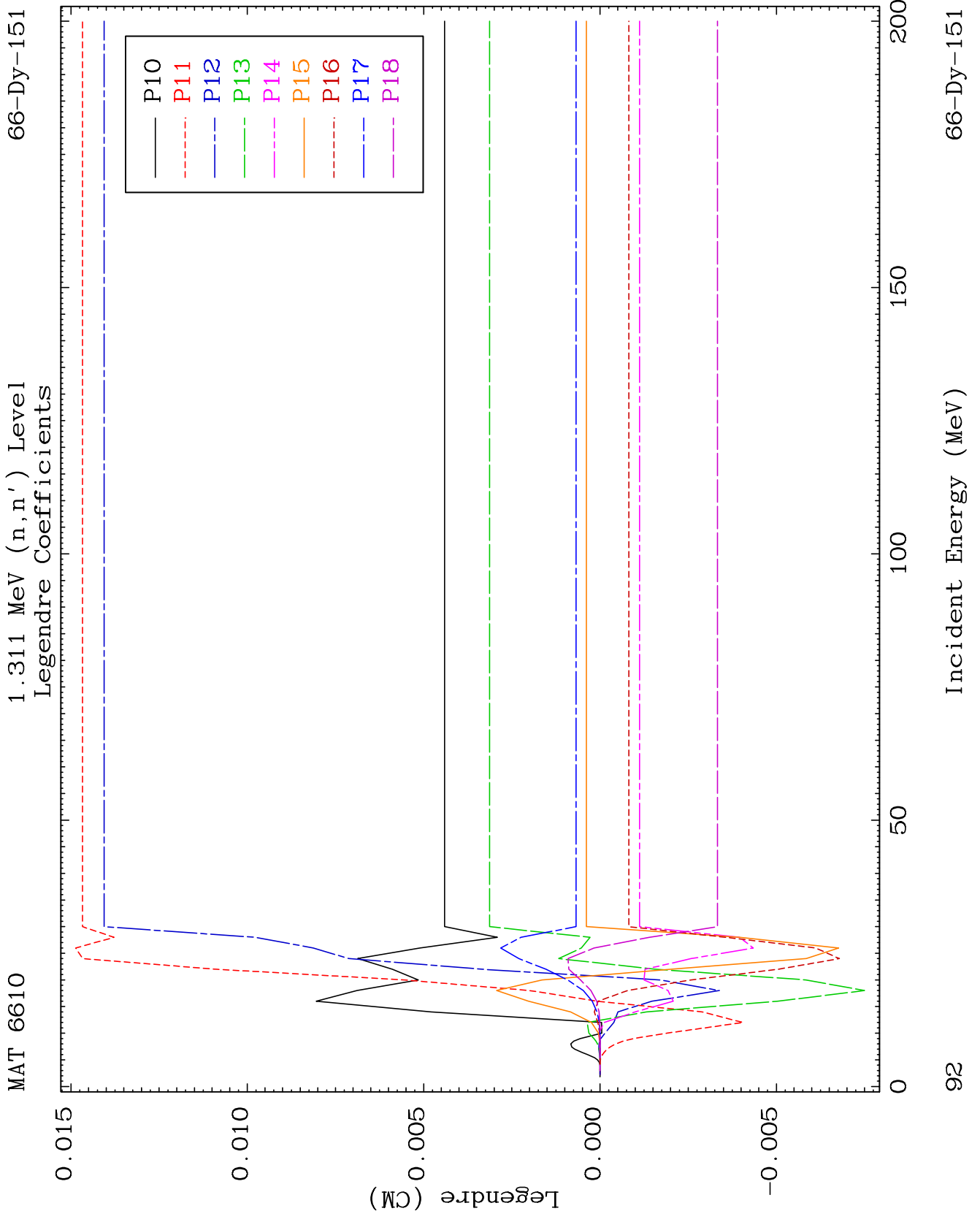
66-Dy-151

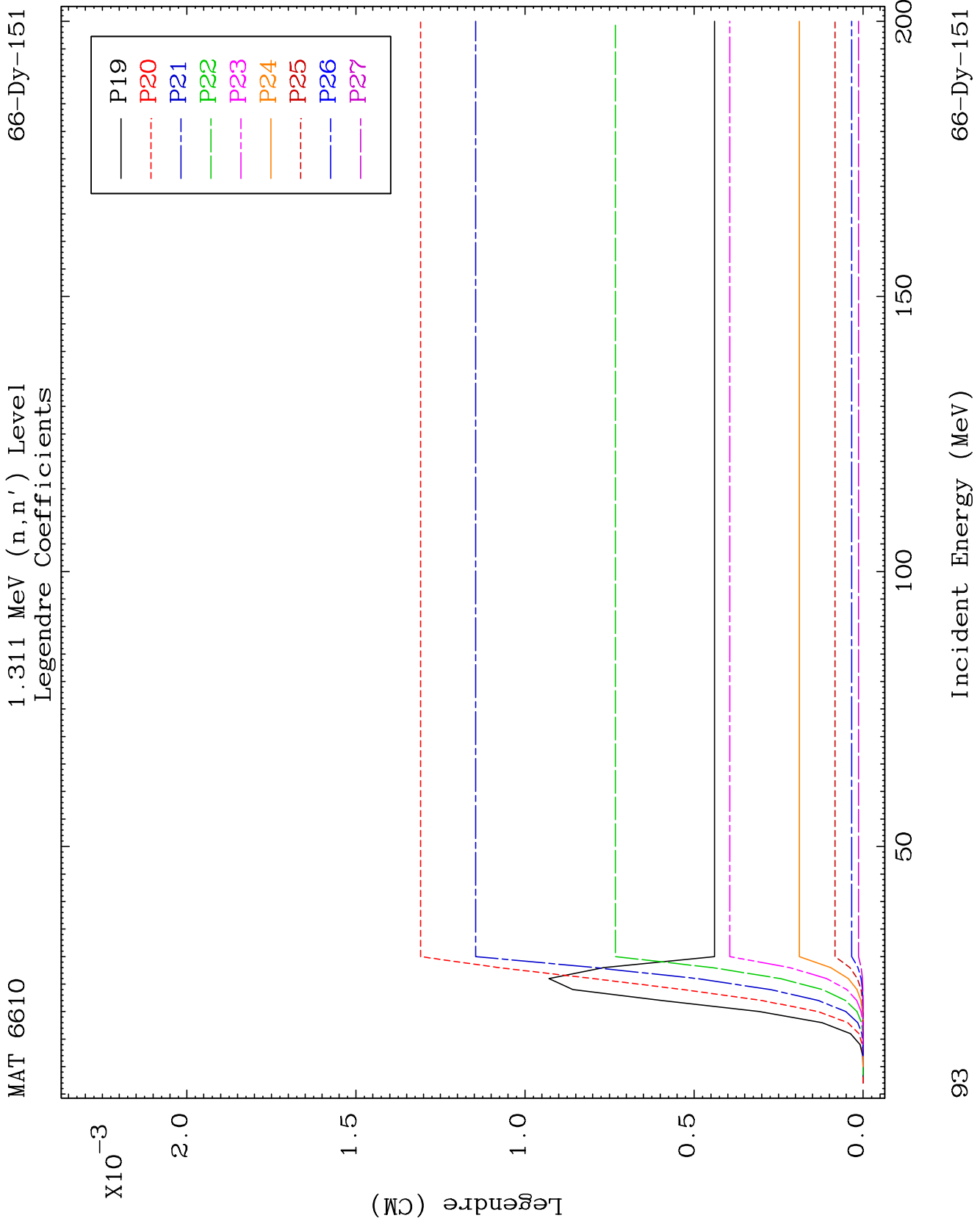


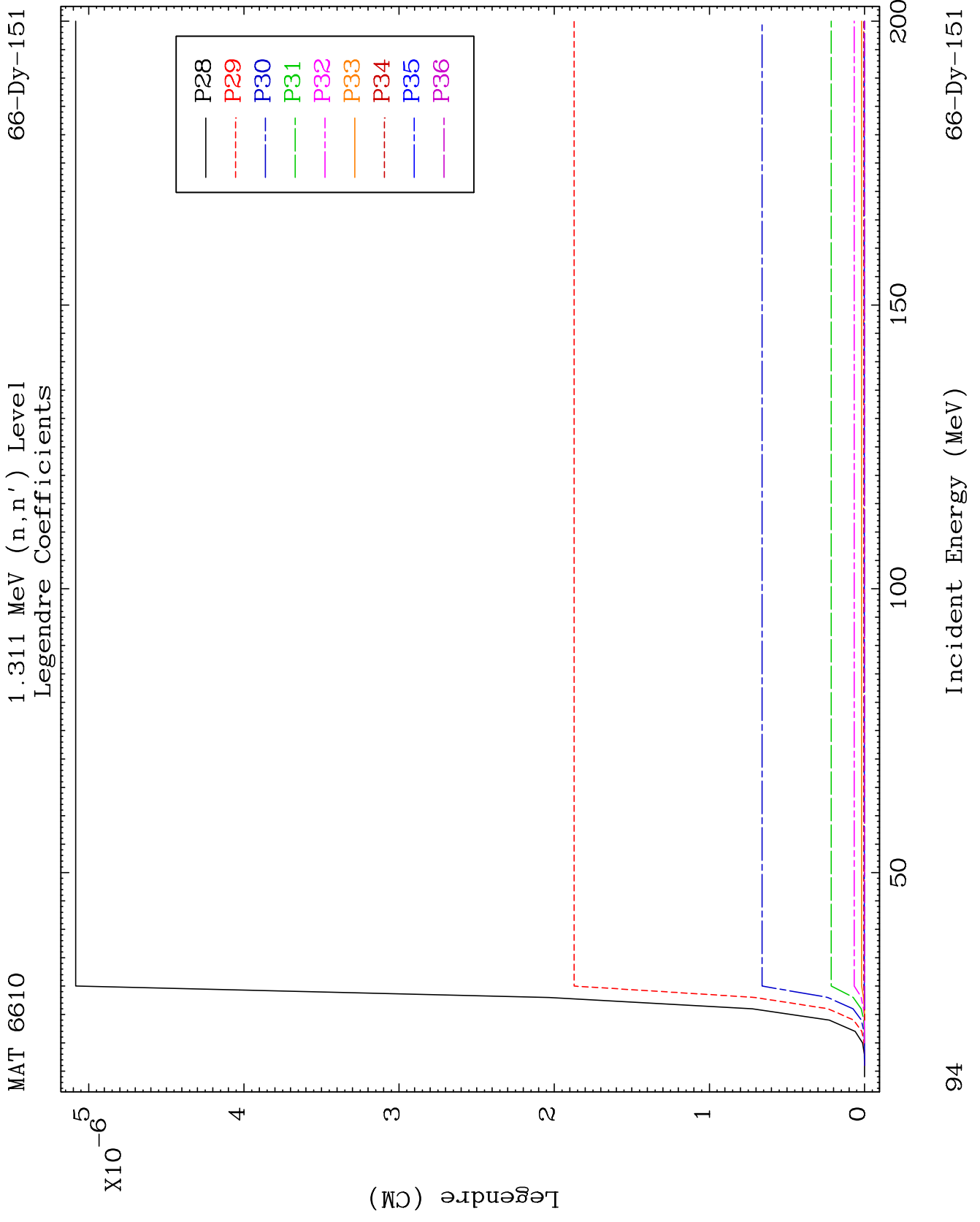
66-Dy-151

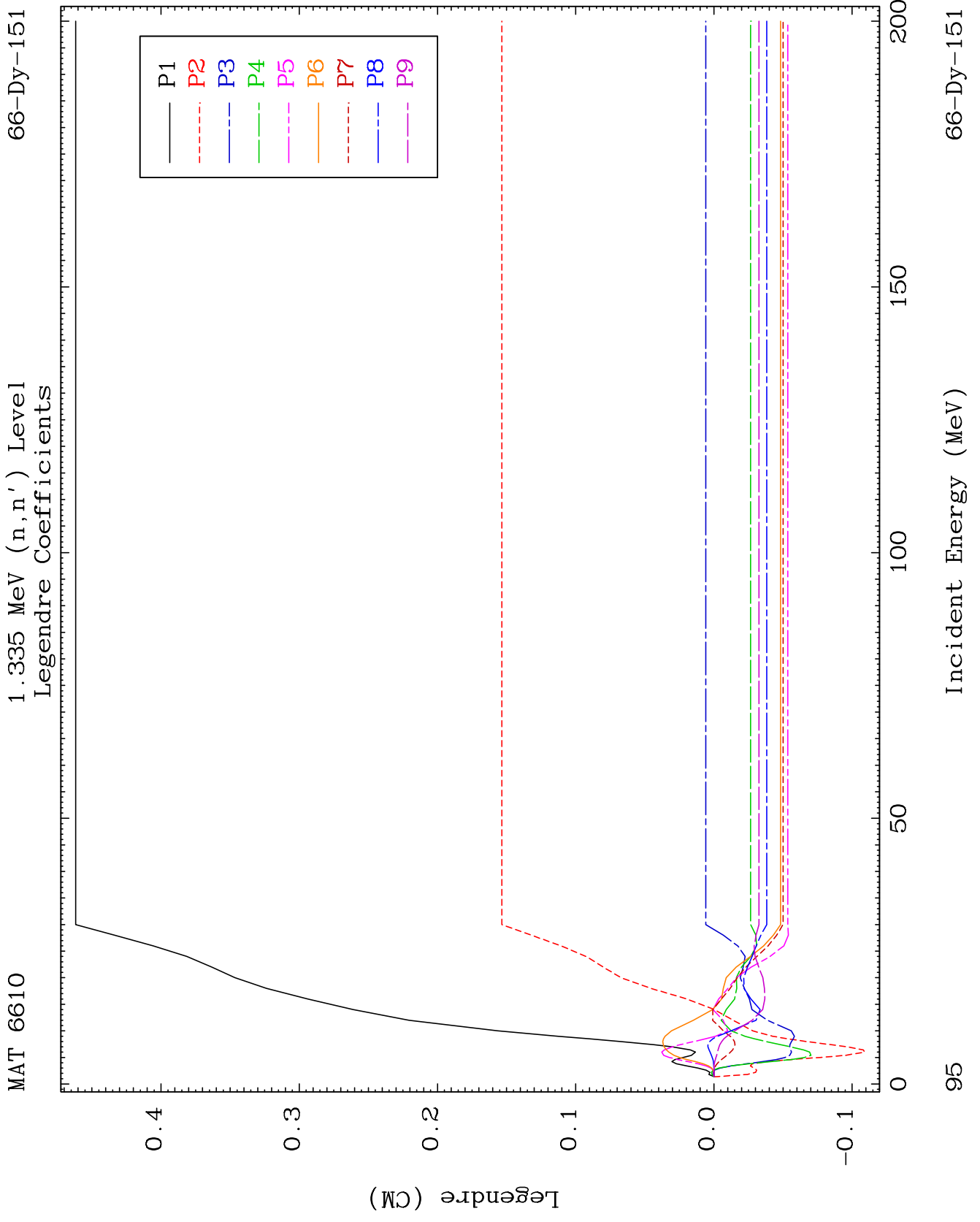
Incident Energy (MeV)

91

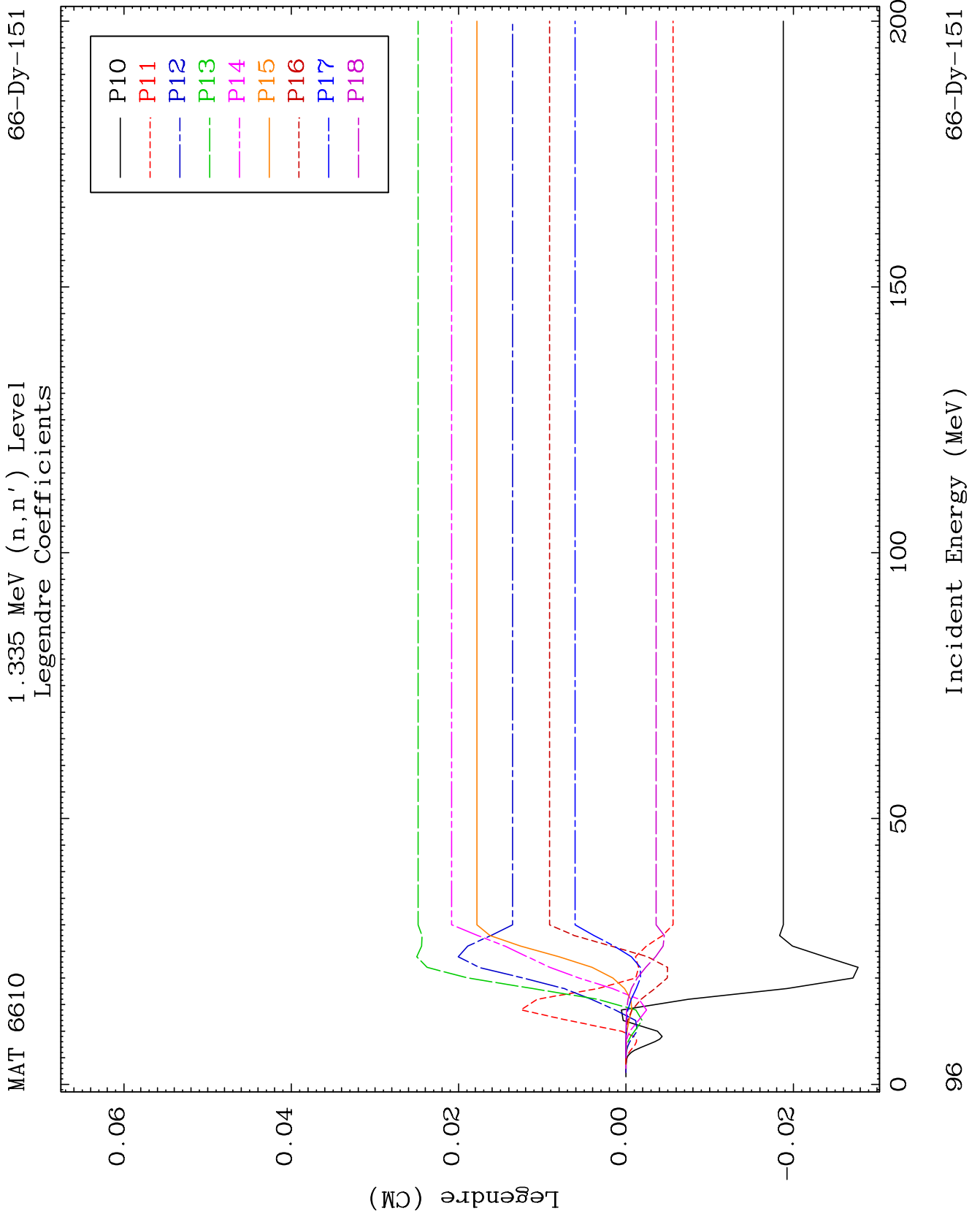








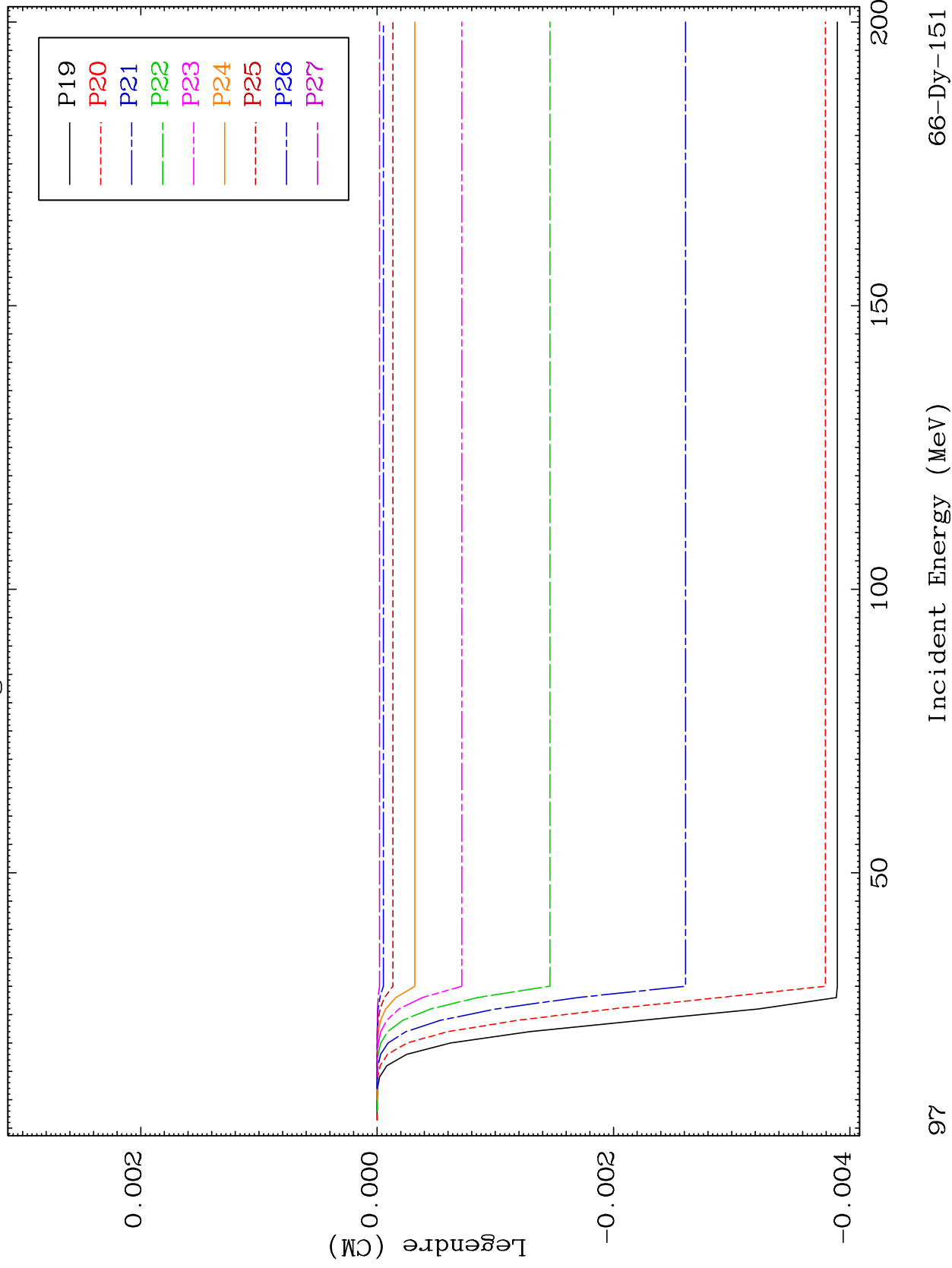




MAT 6610

1.335 MeV (n,n') Level  
Legendre Coefficients

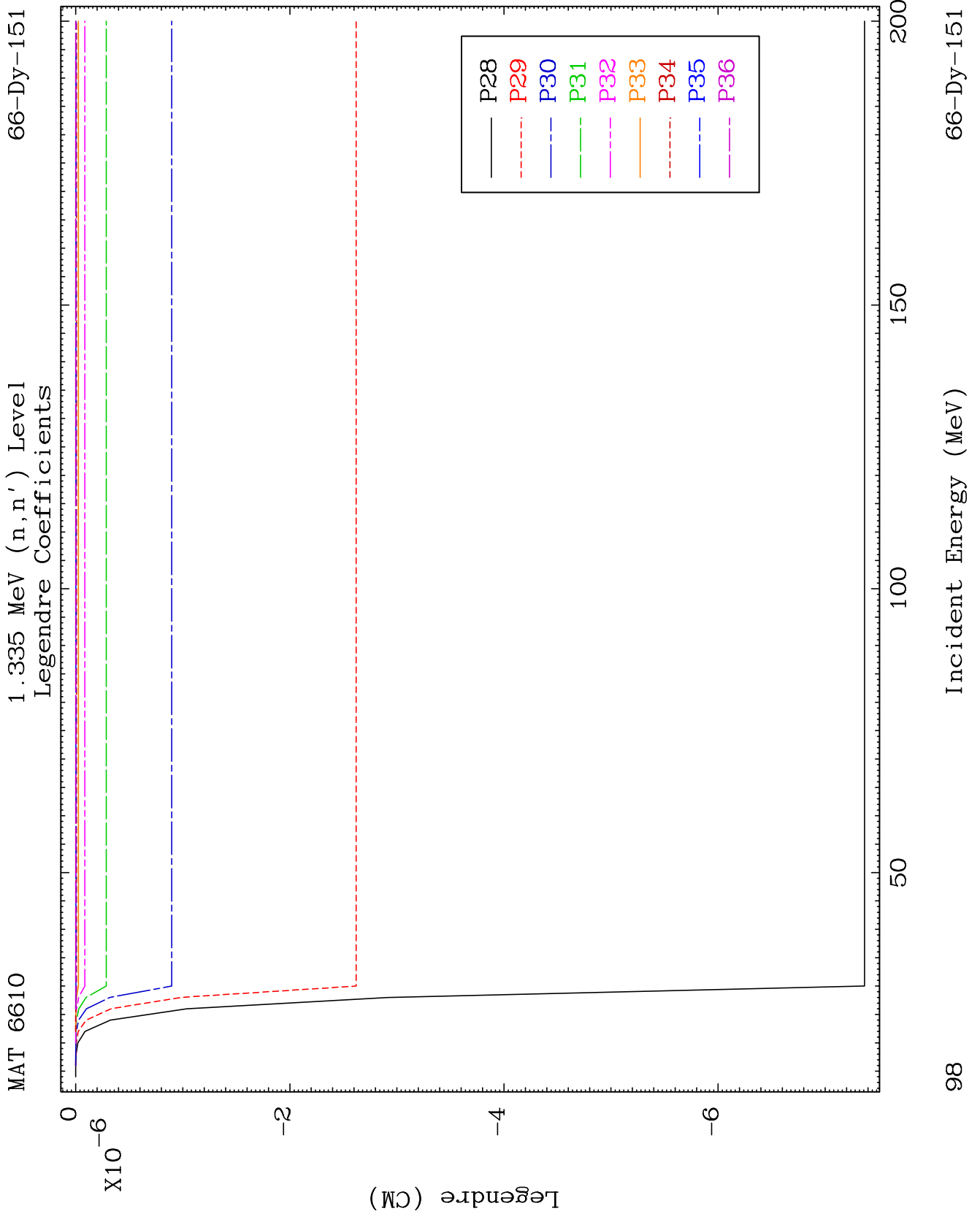
66-Dy-151



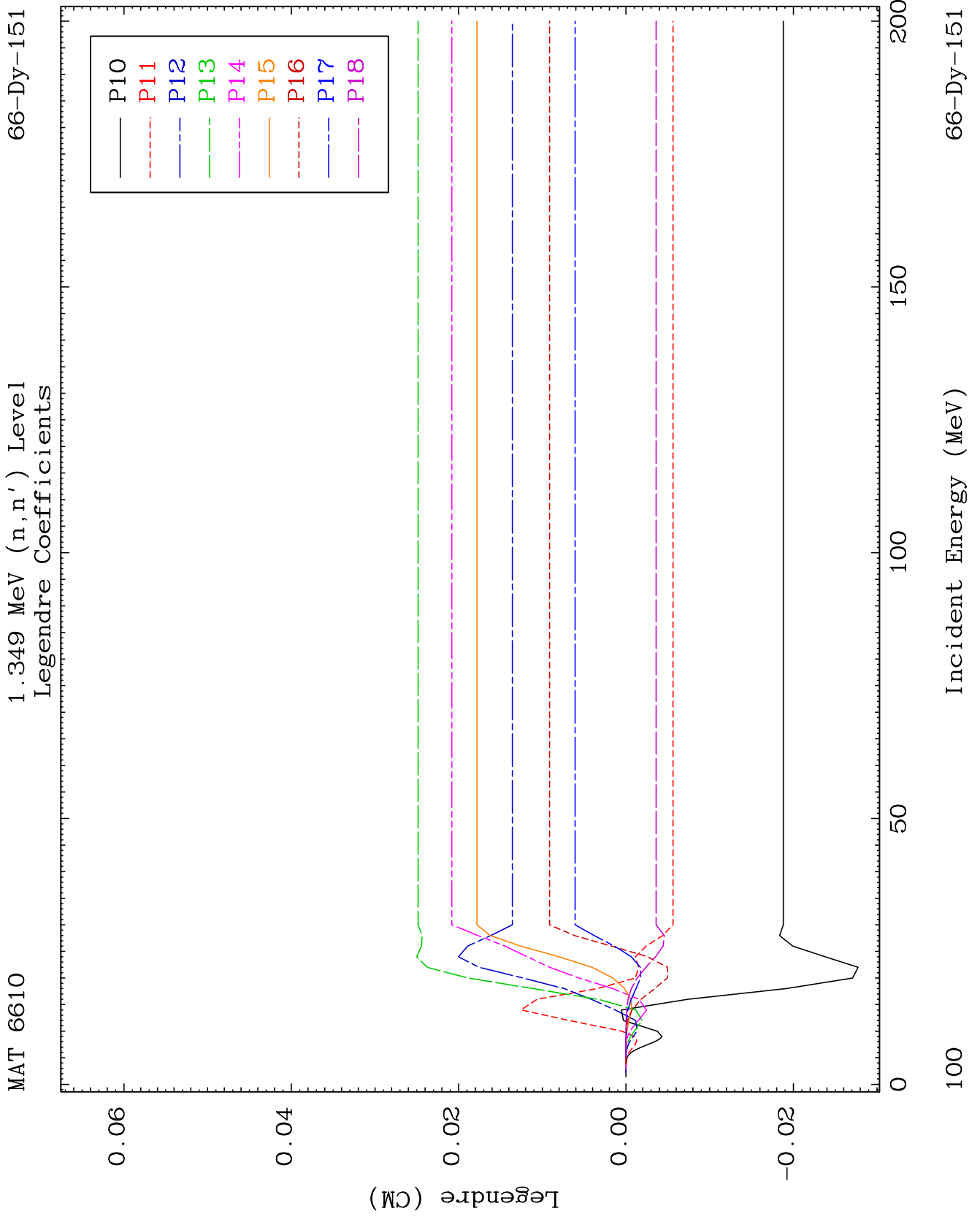
97

Incident Energy (MeV)

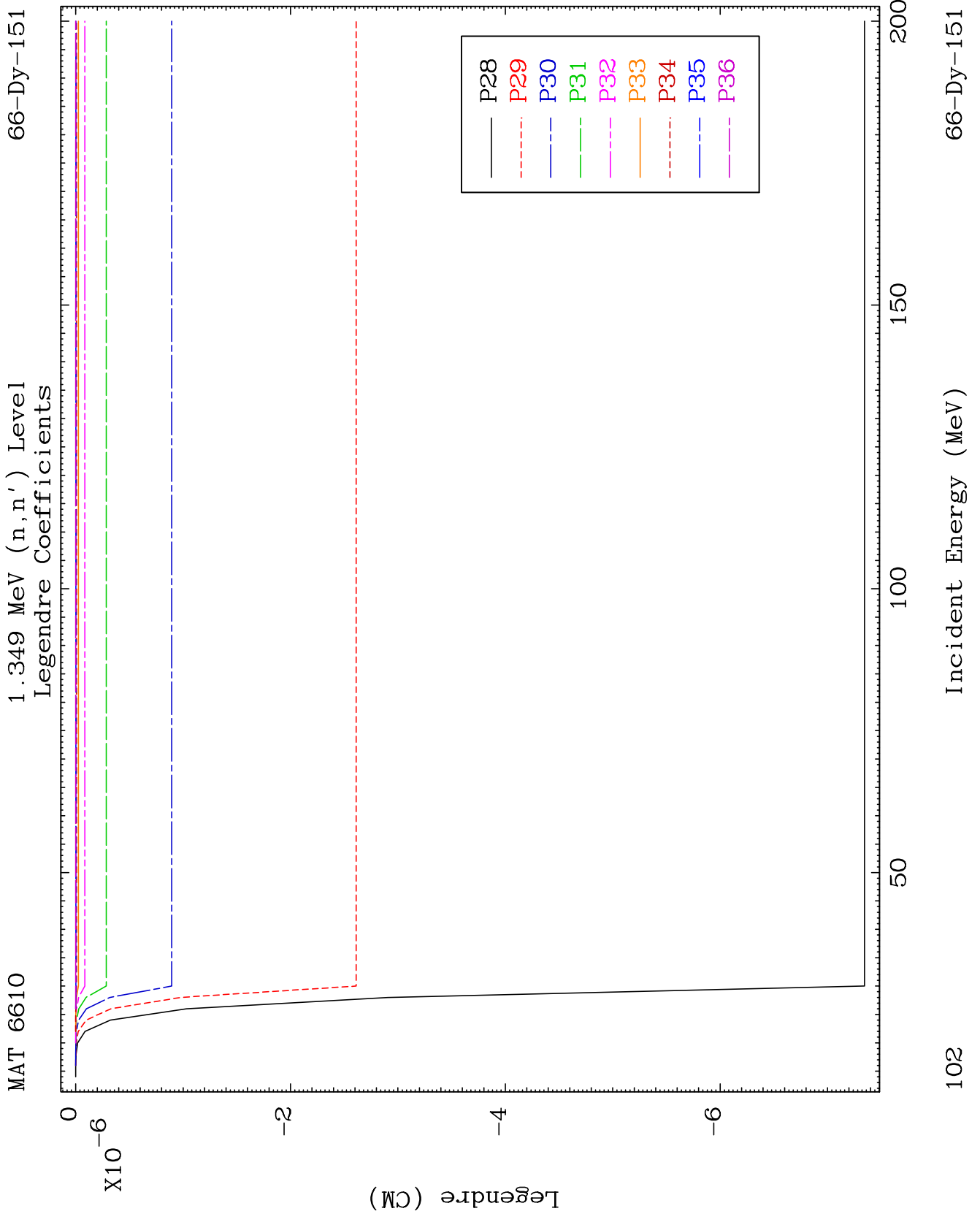
66-Dy-151

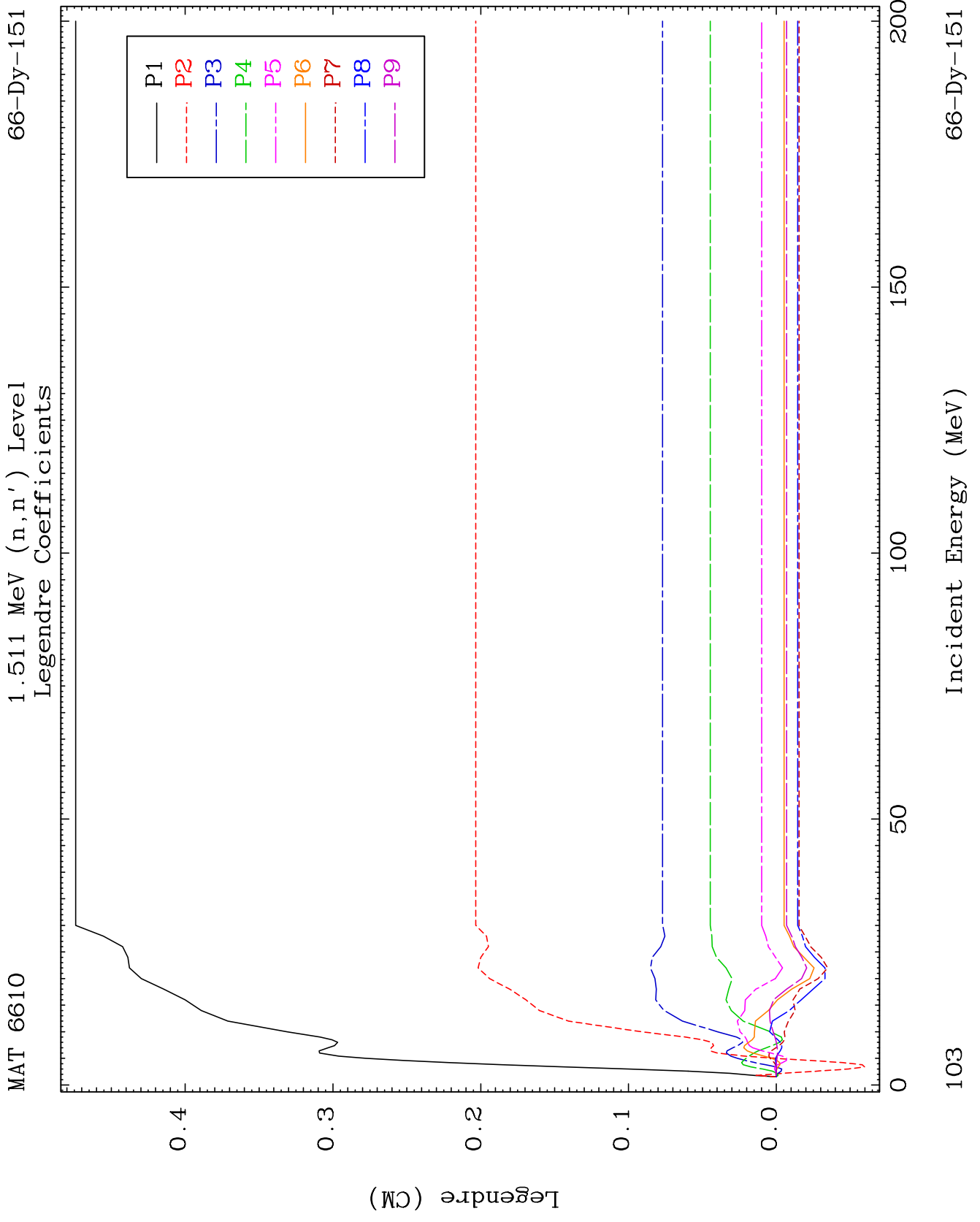






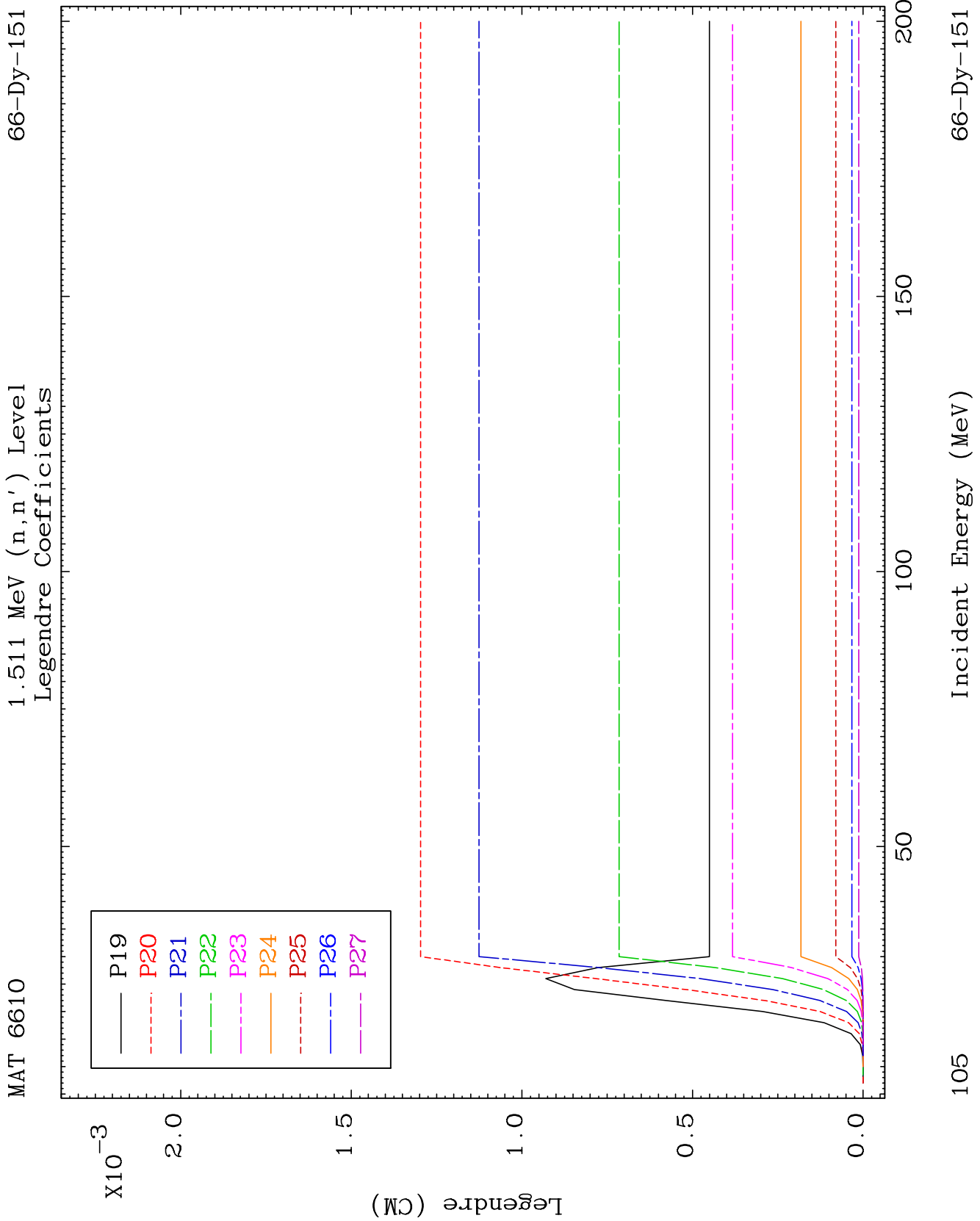


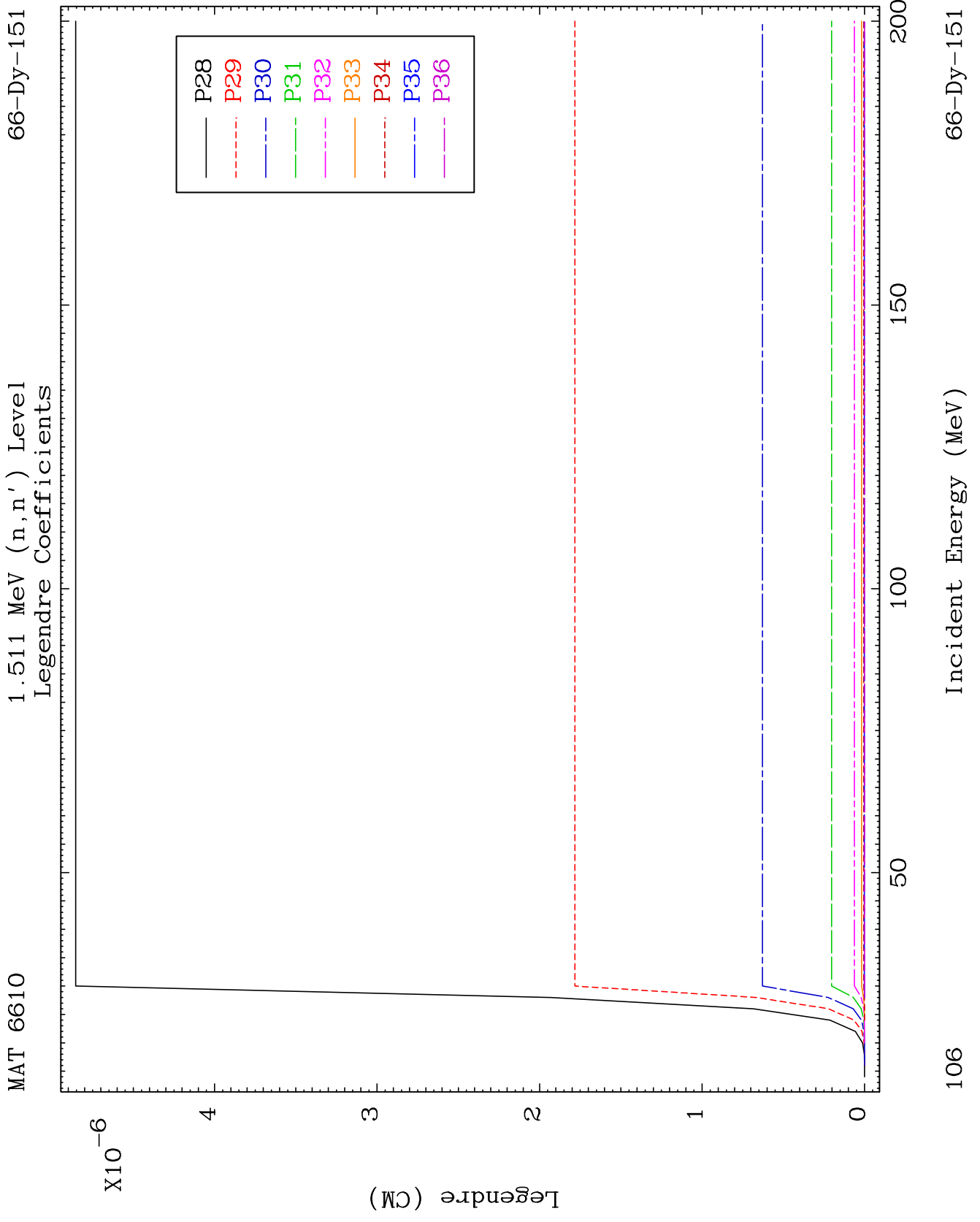




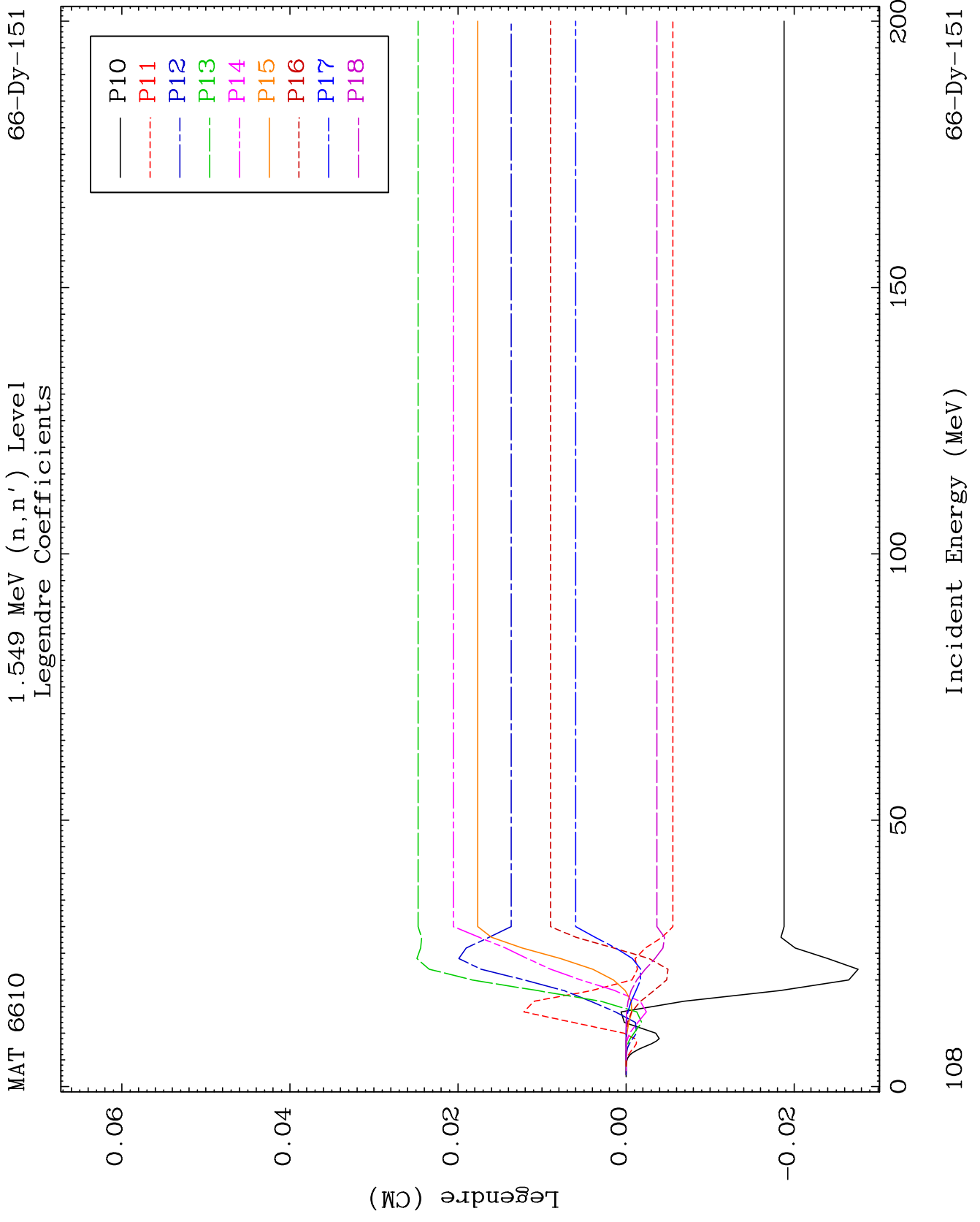


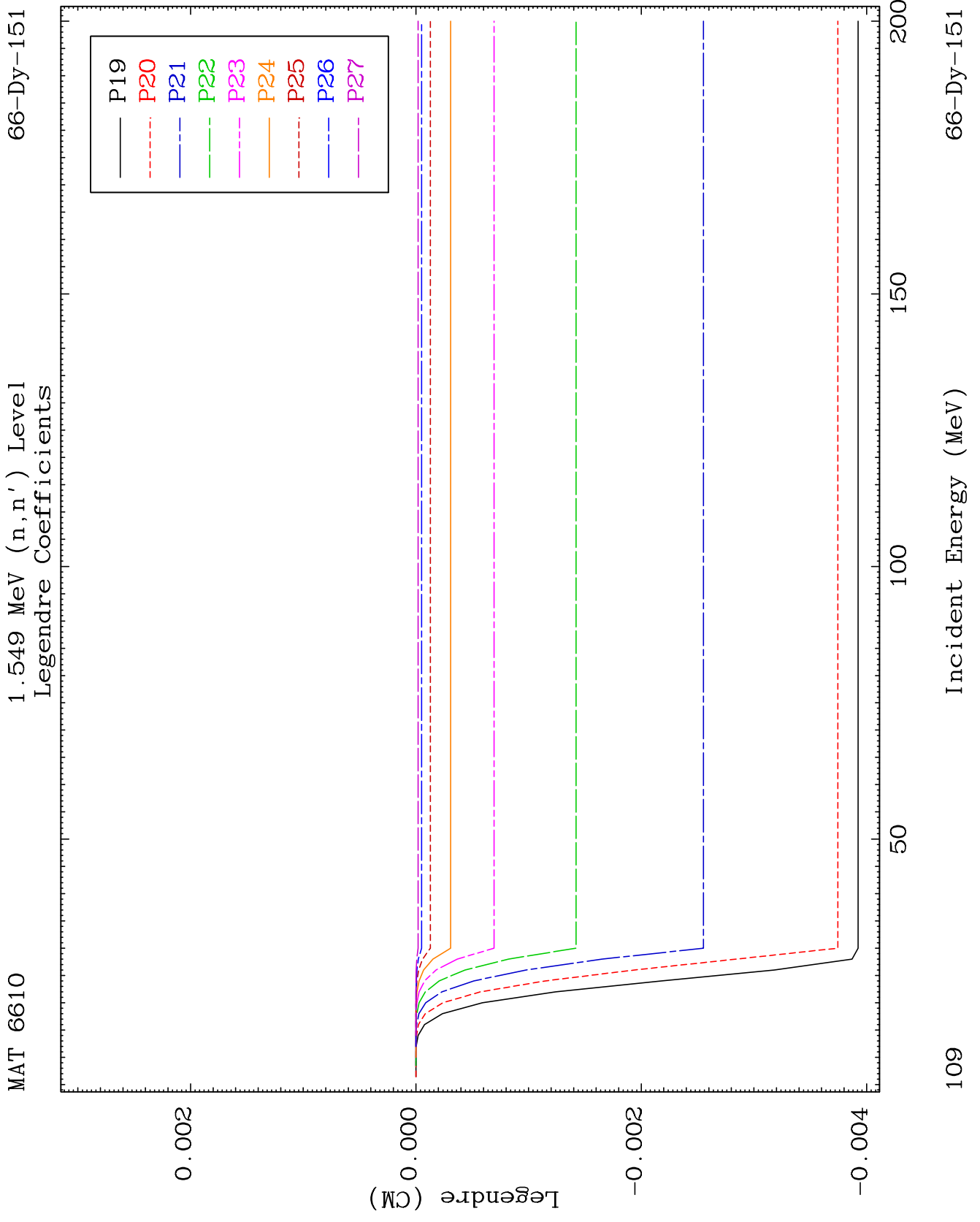


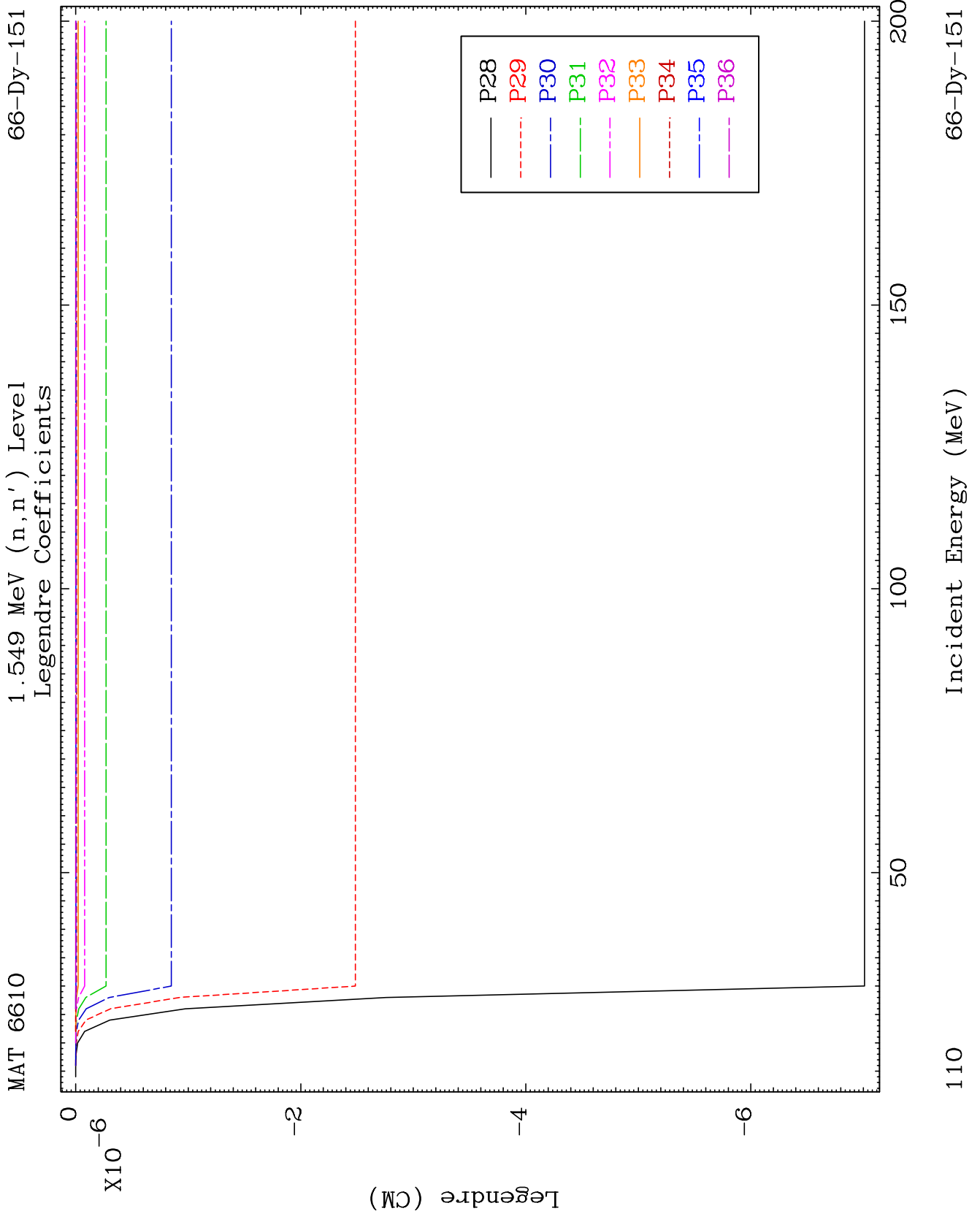


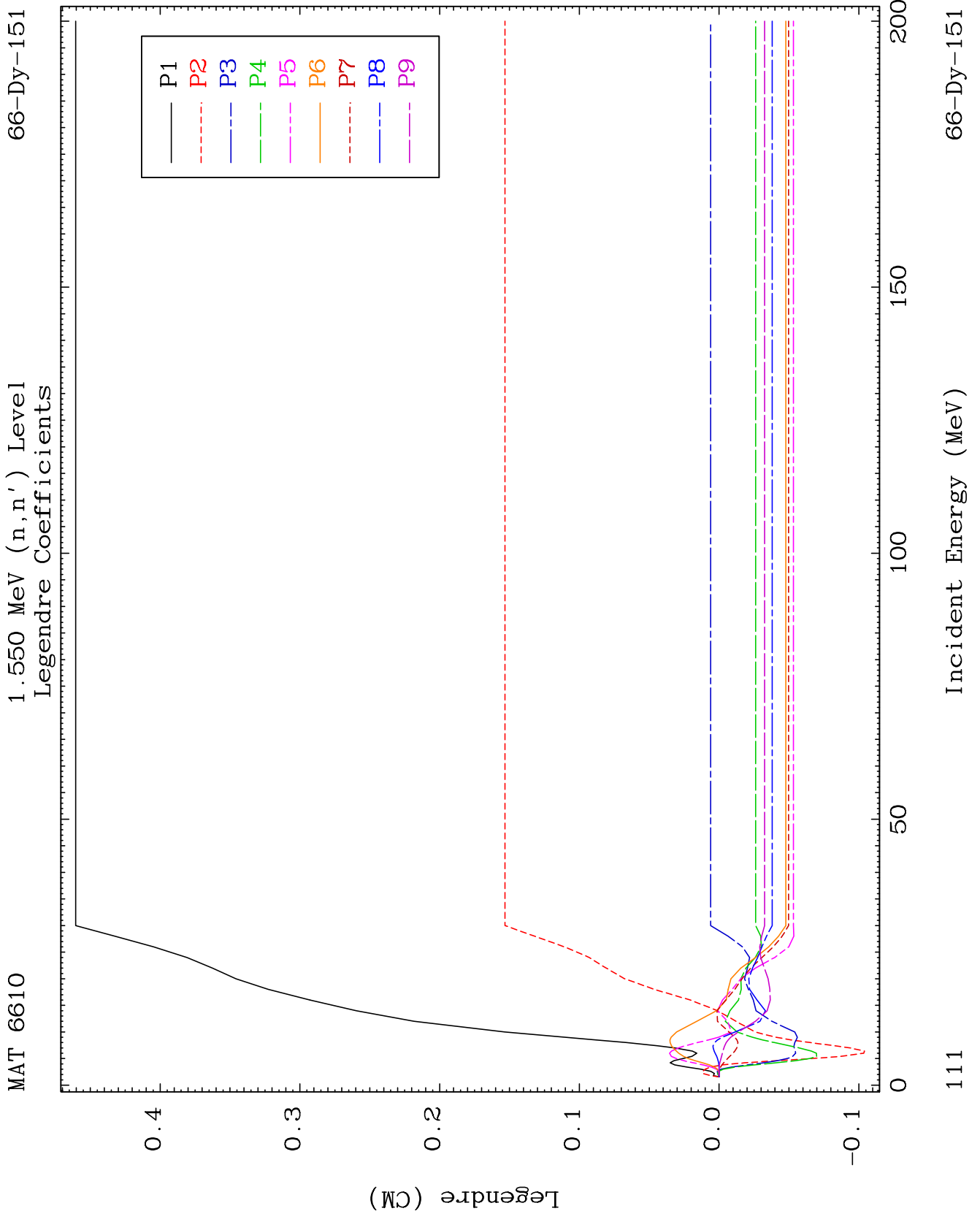




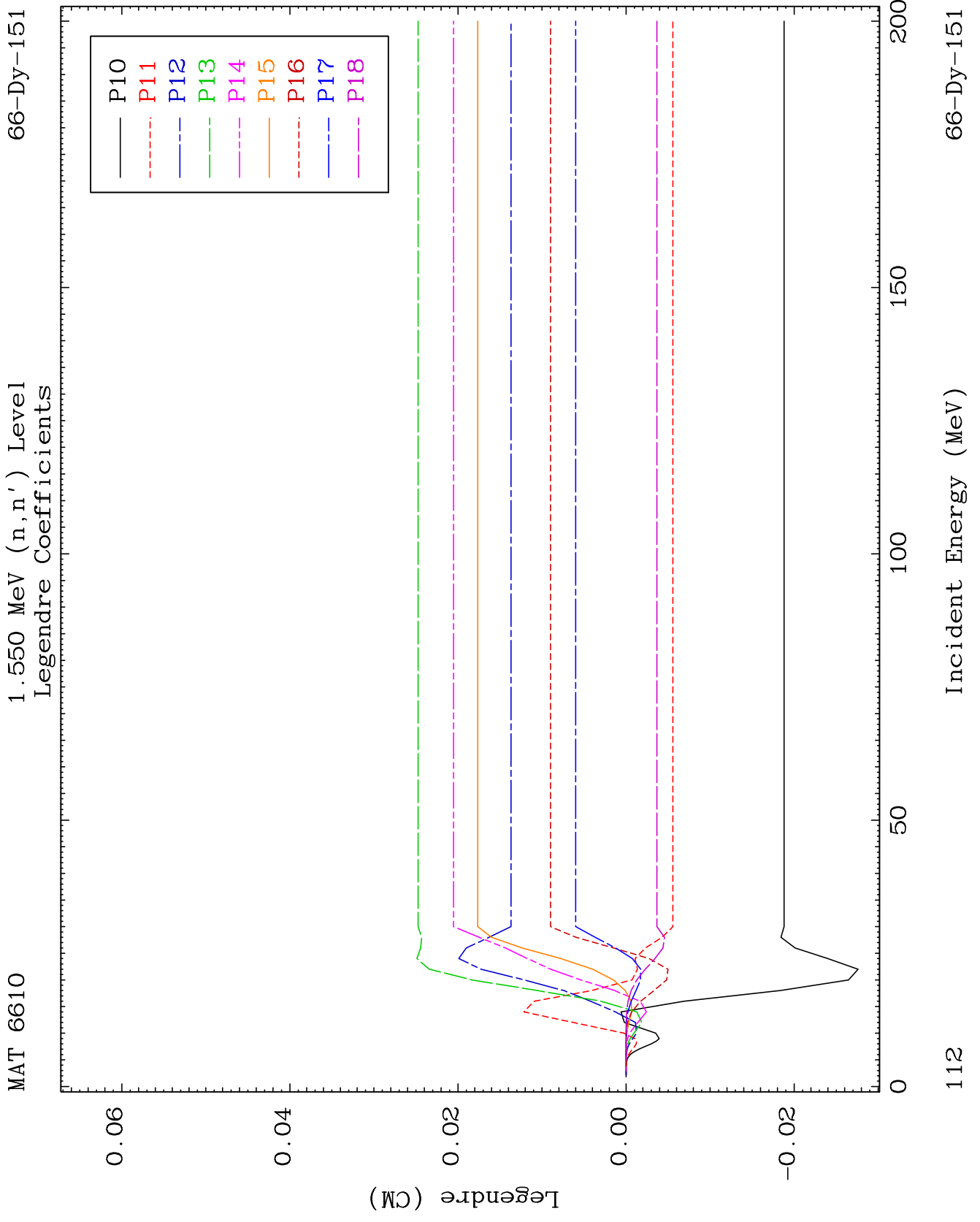


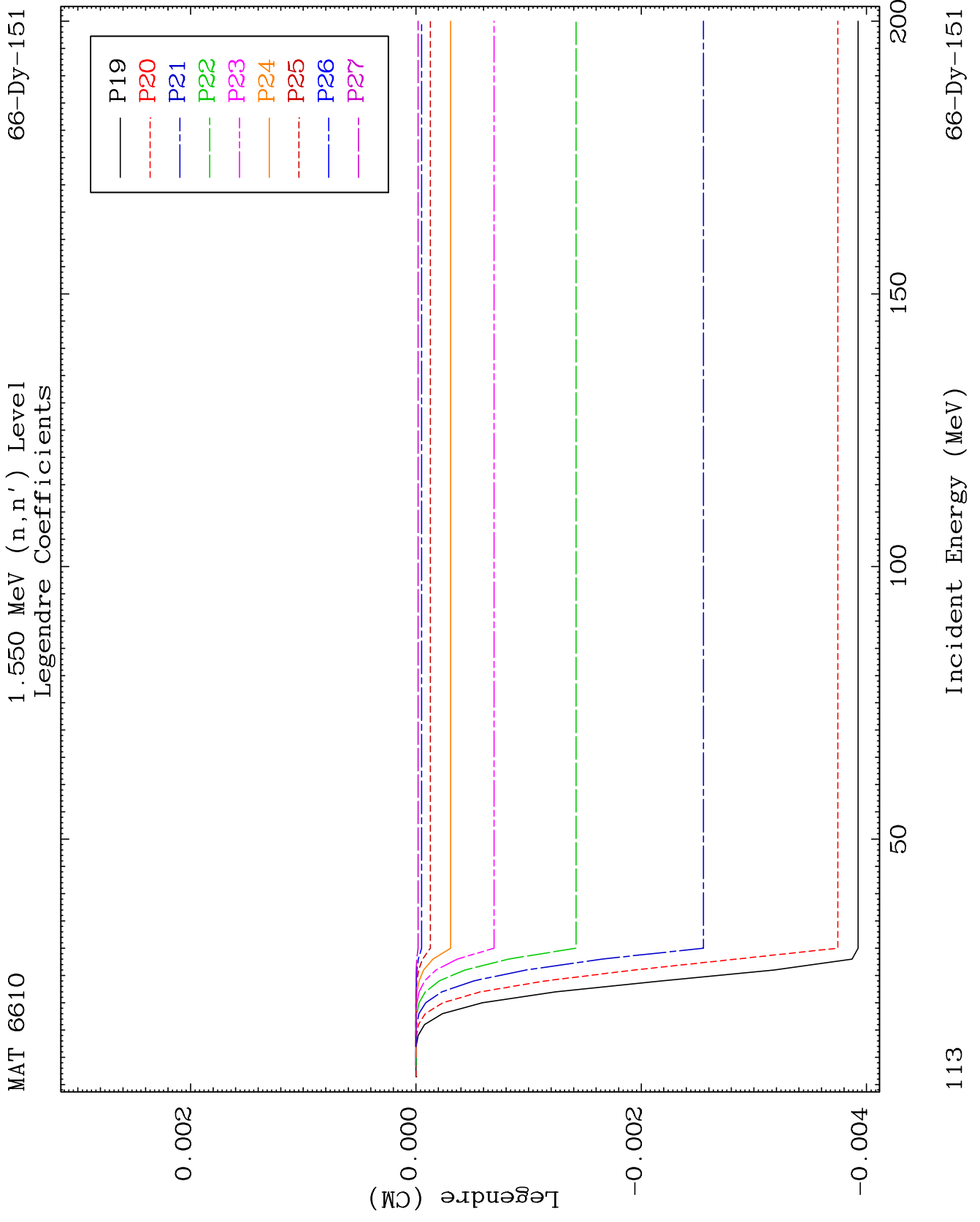


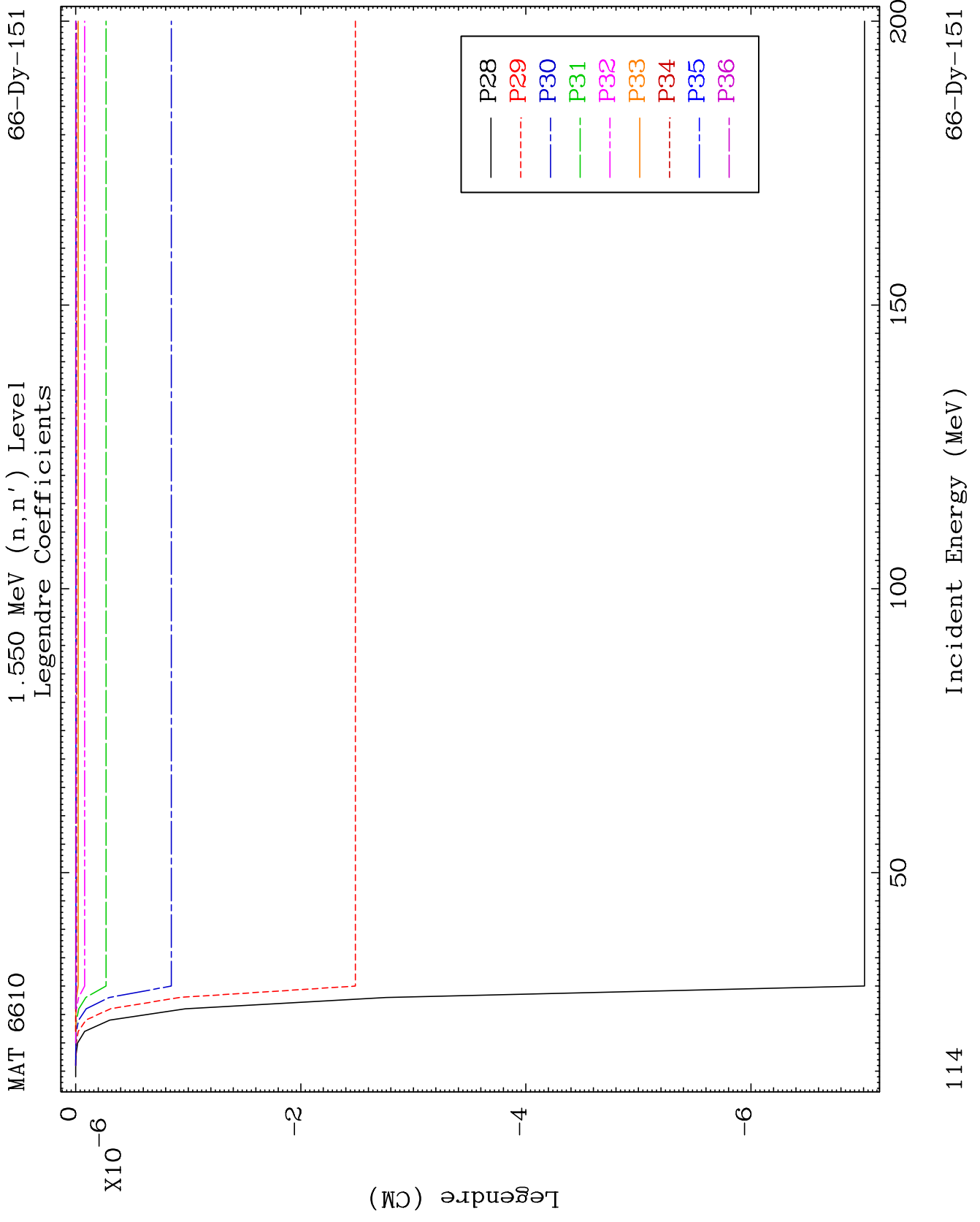


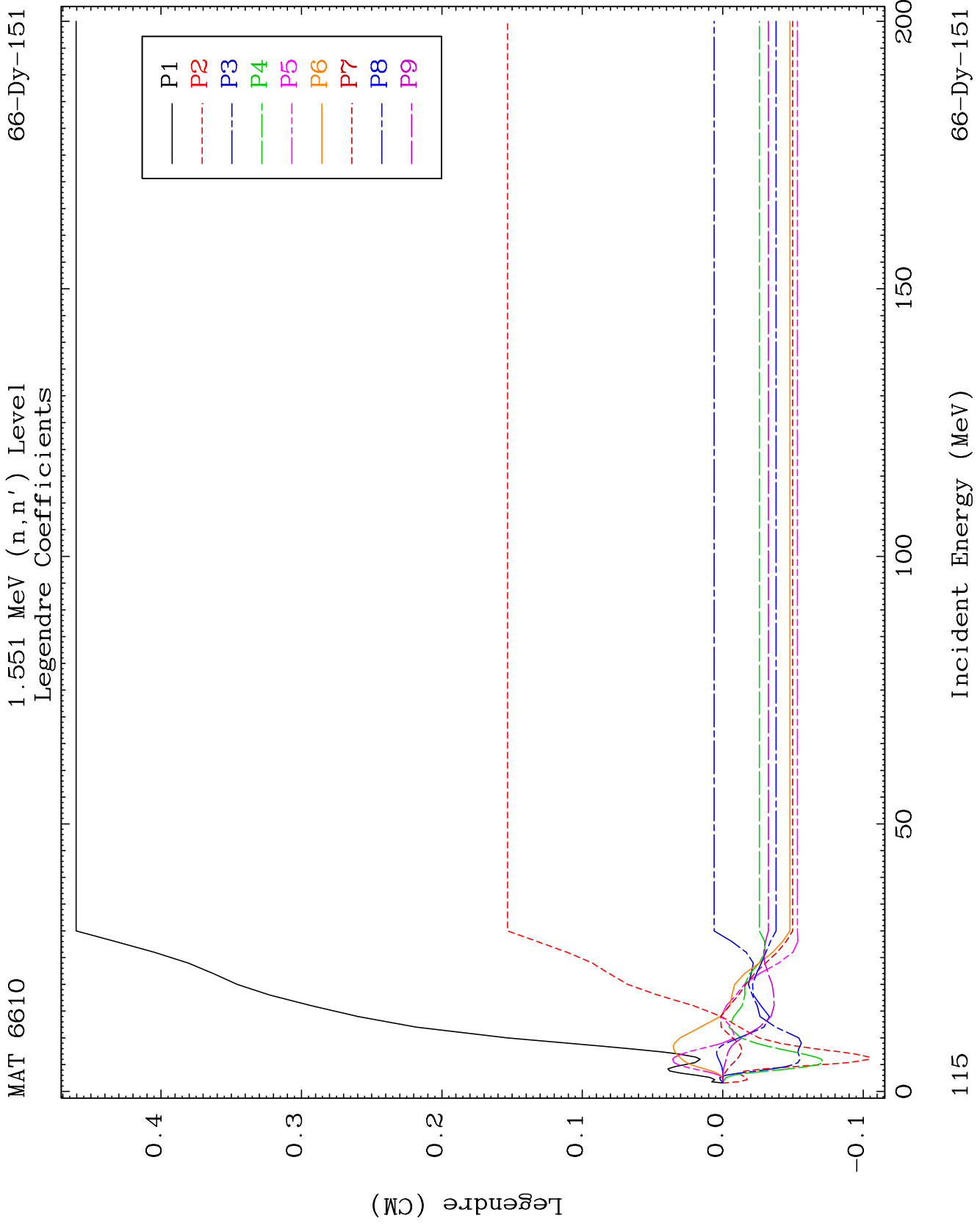




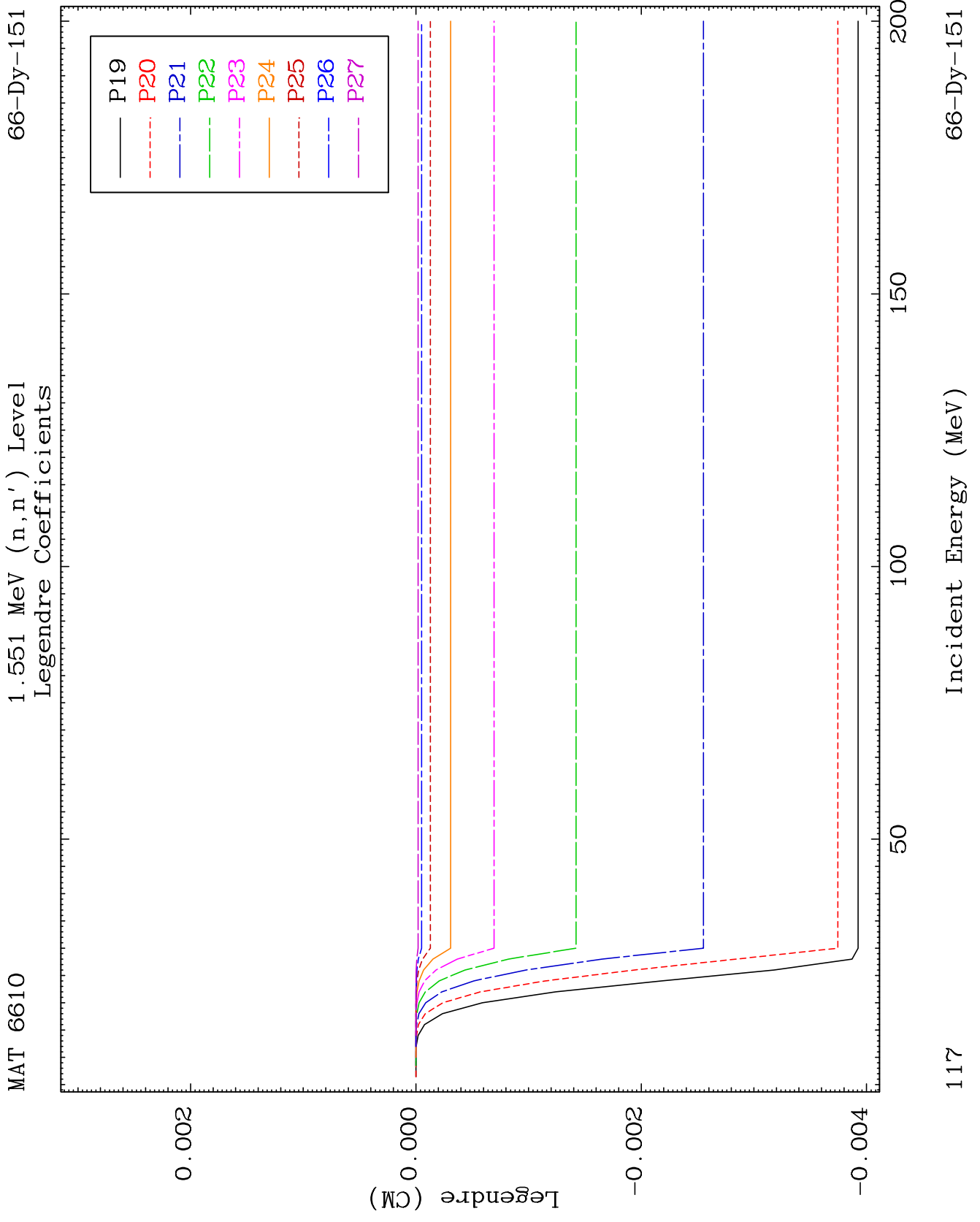


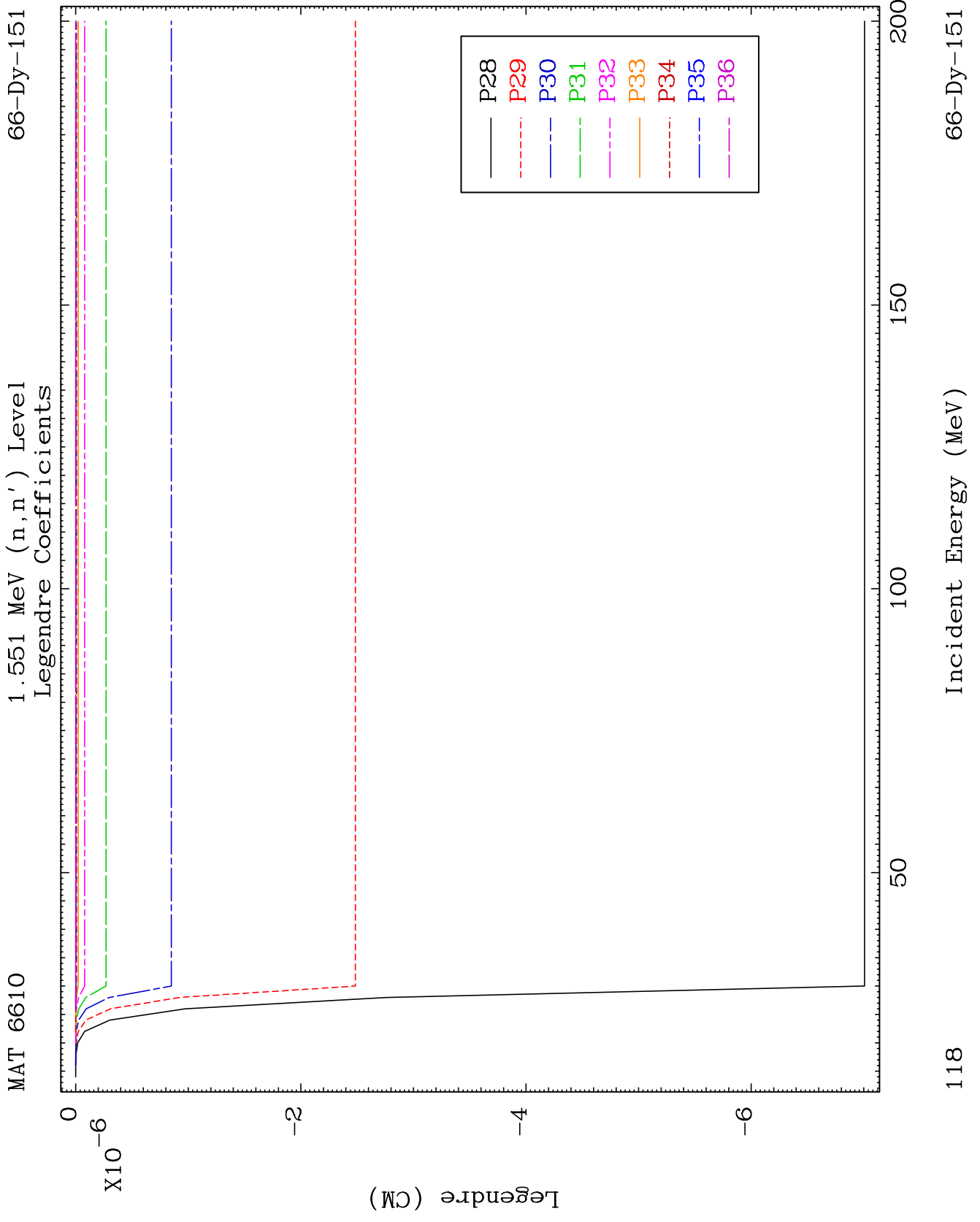






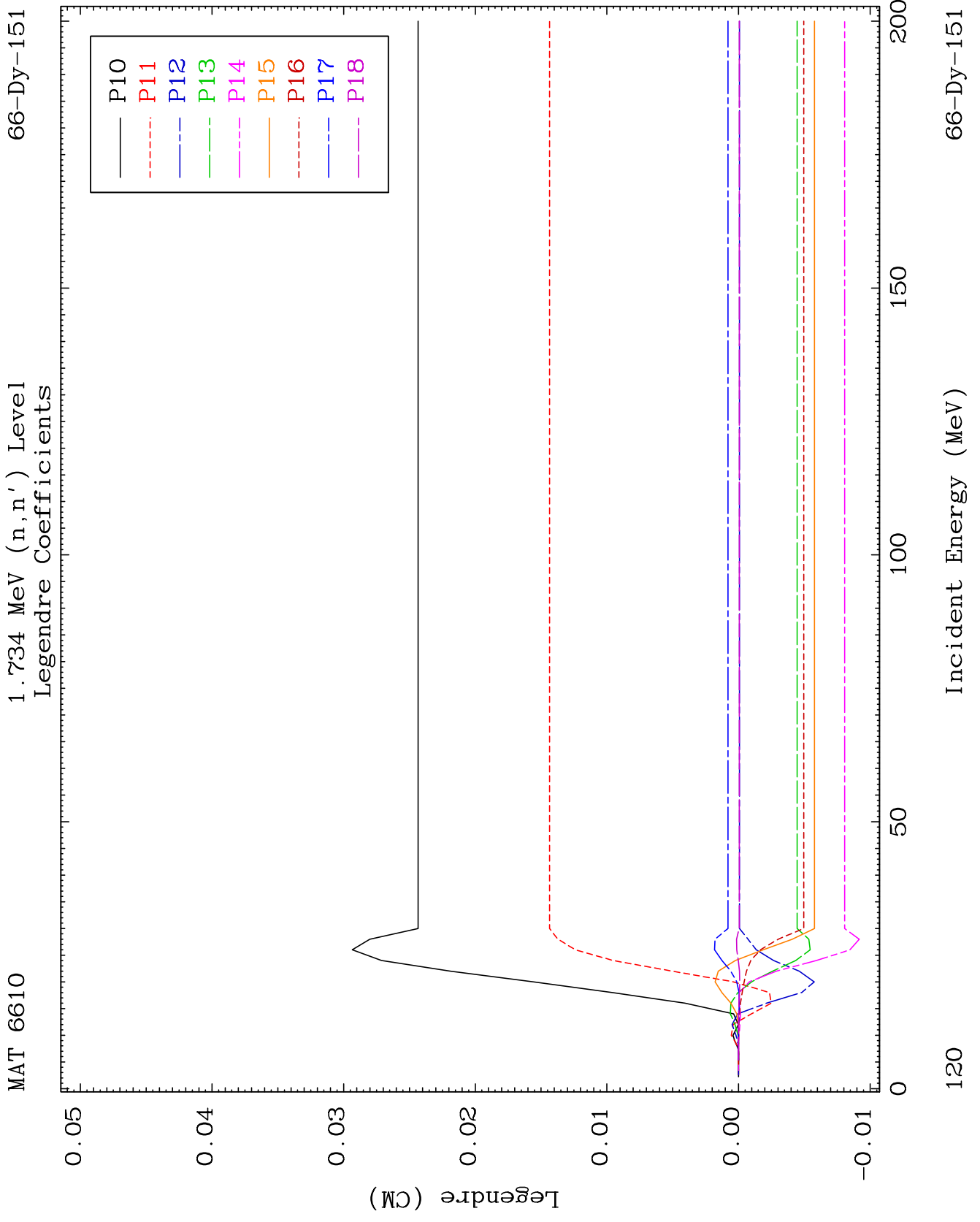


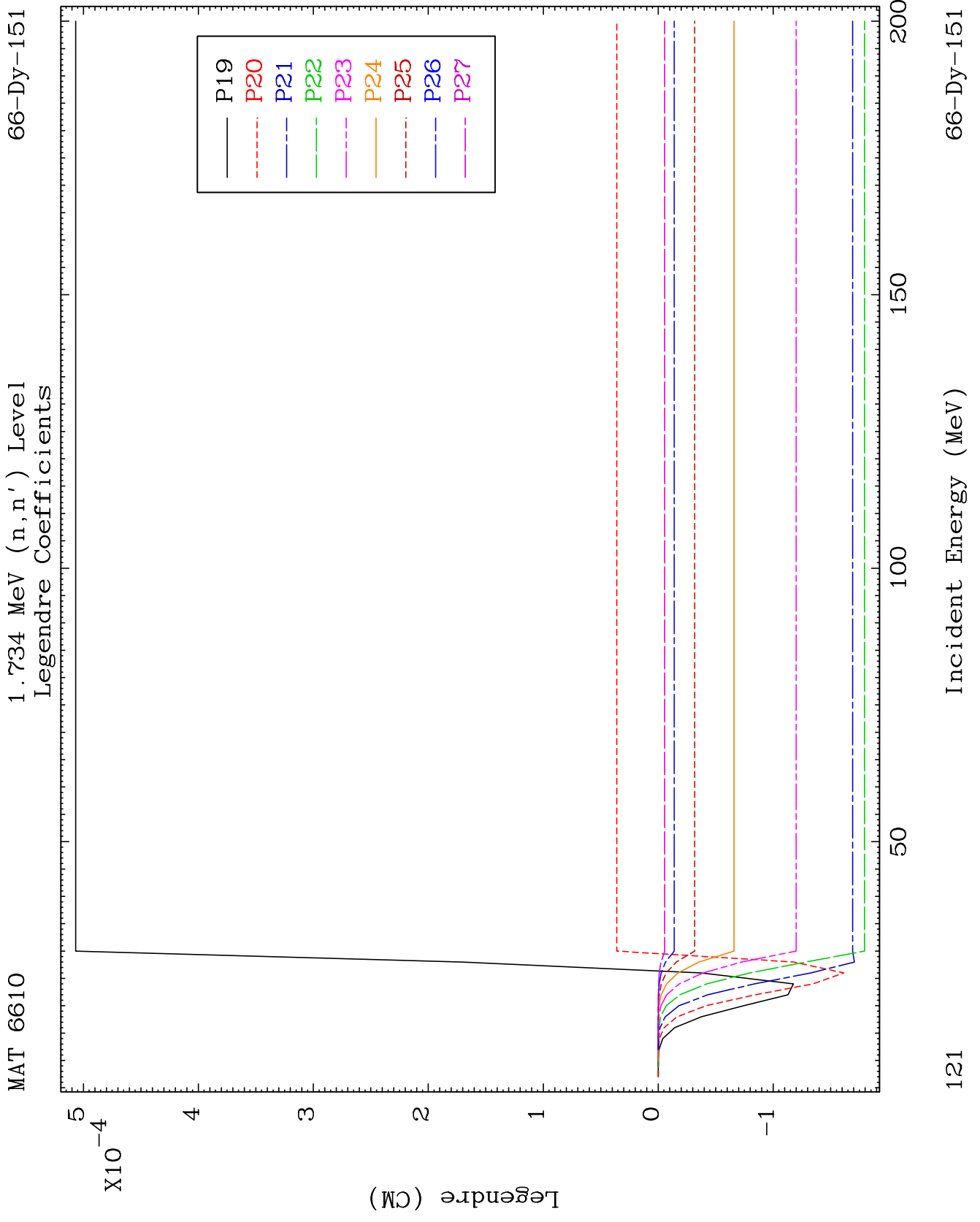


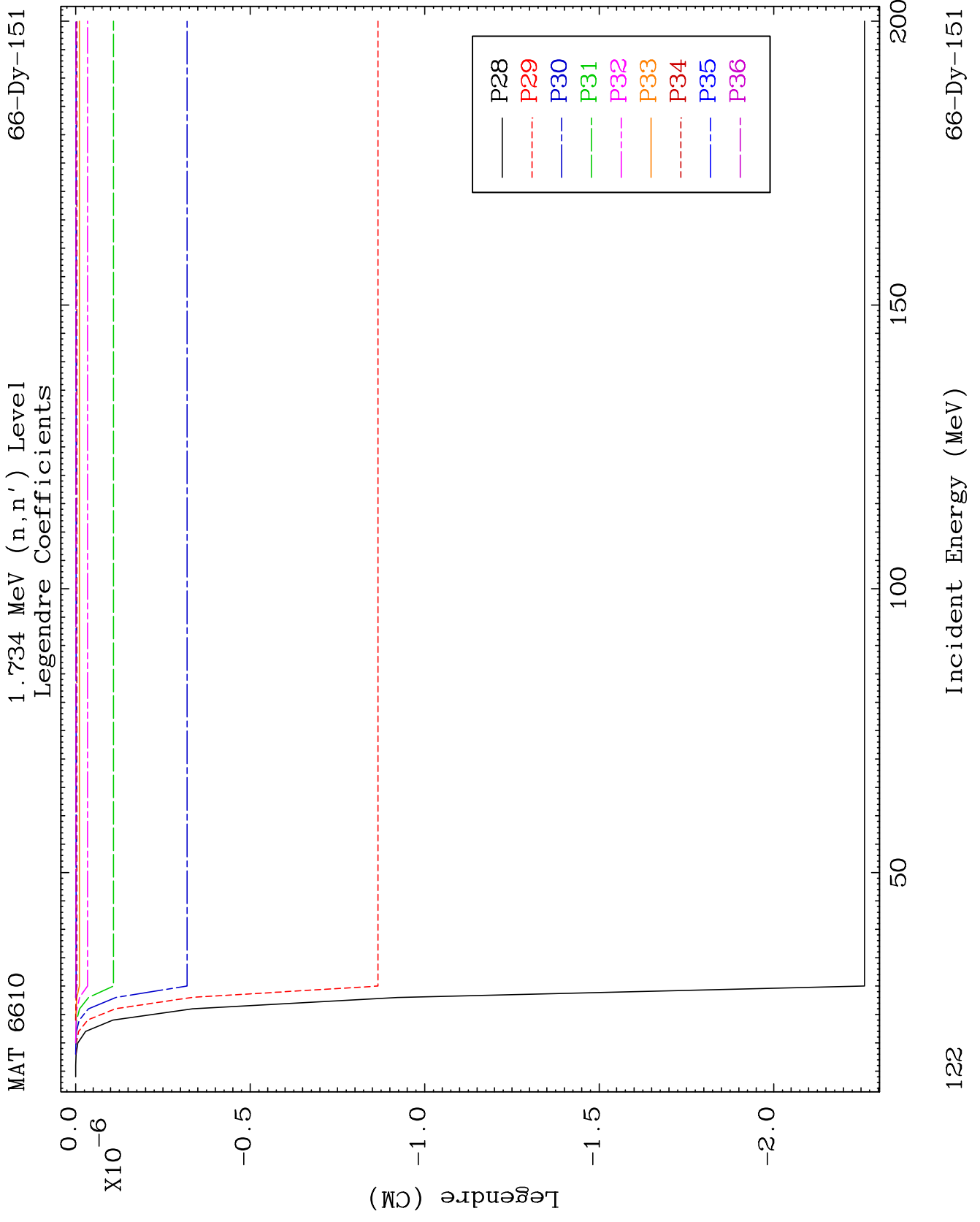


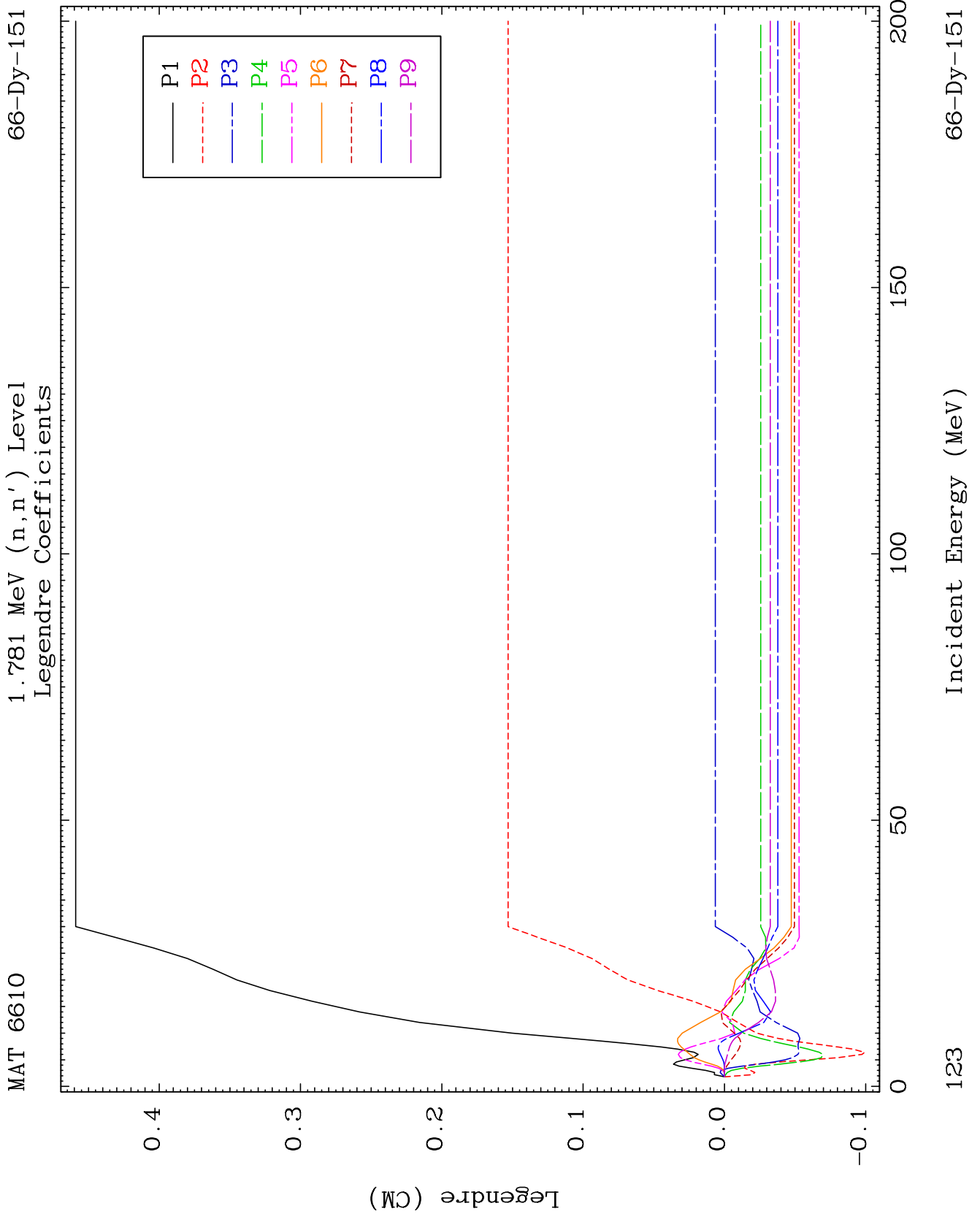


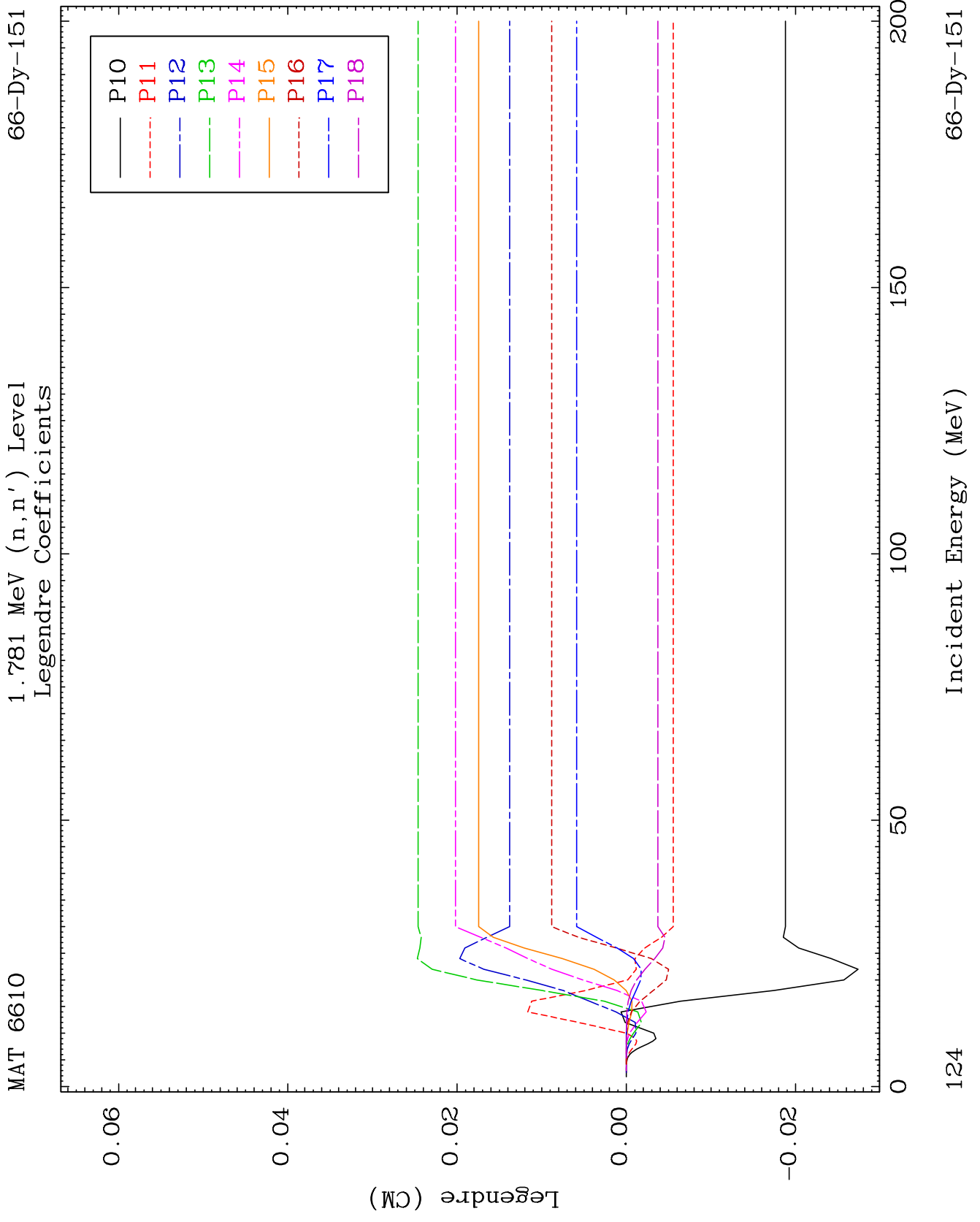


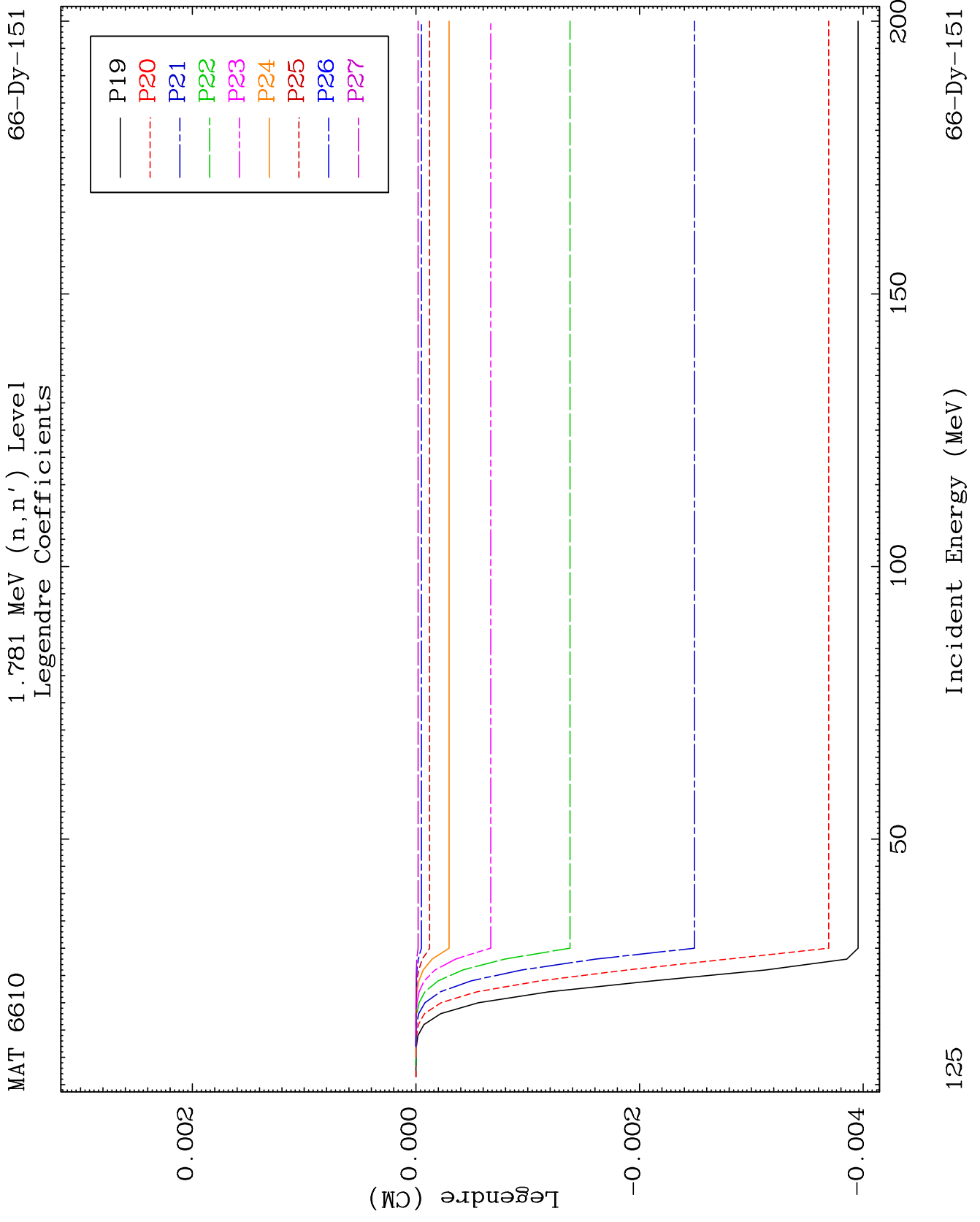


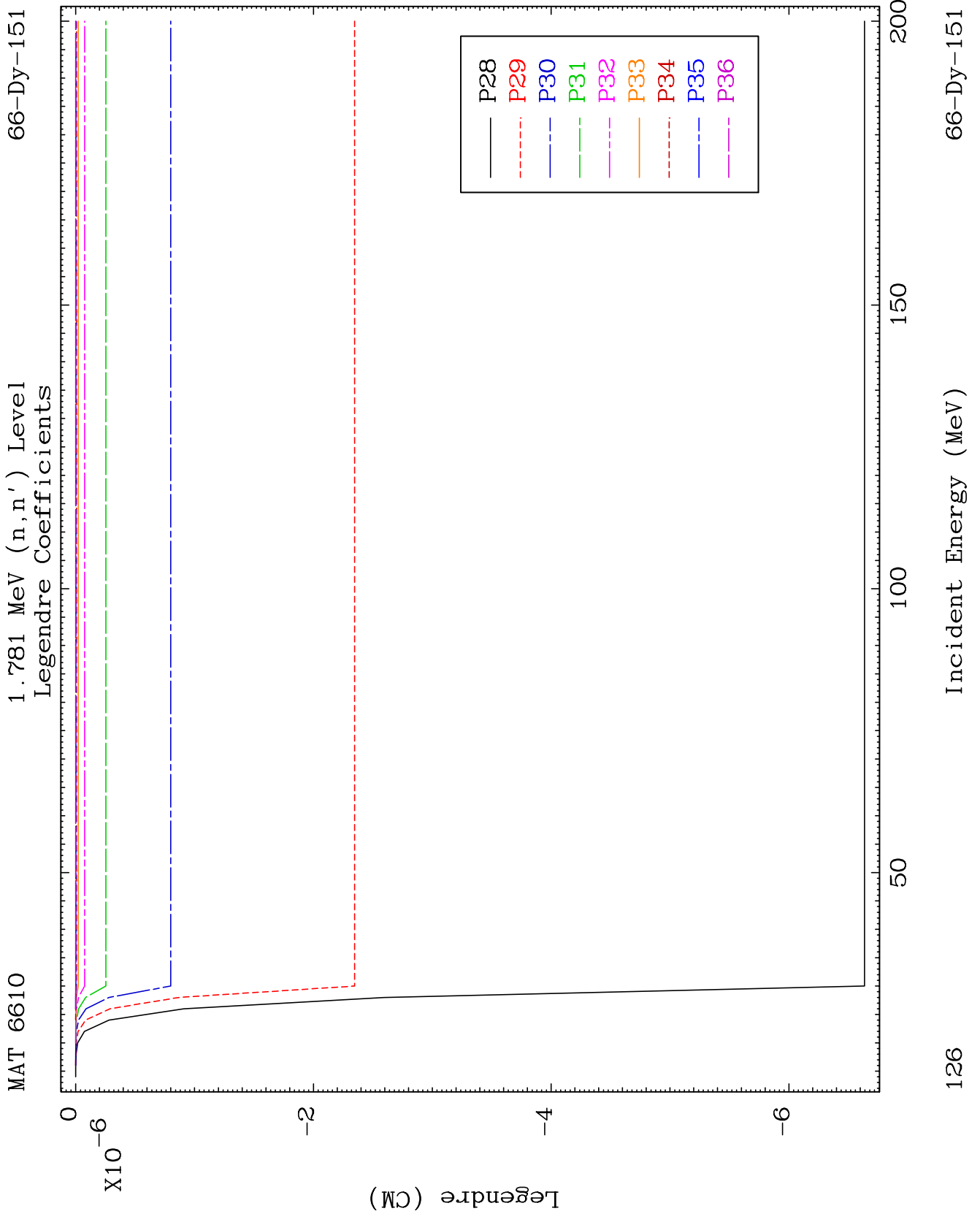


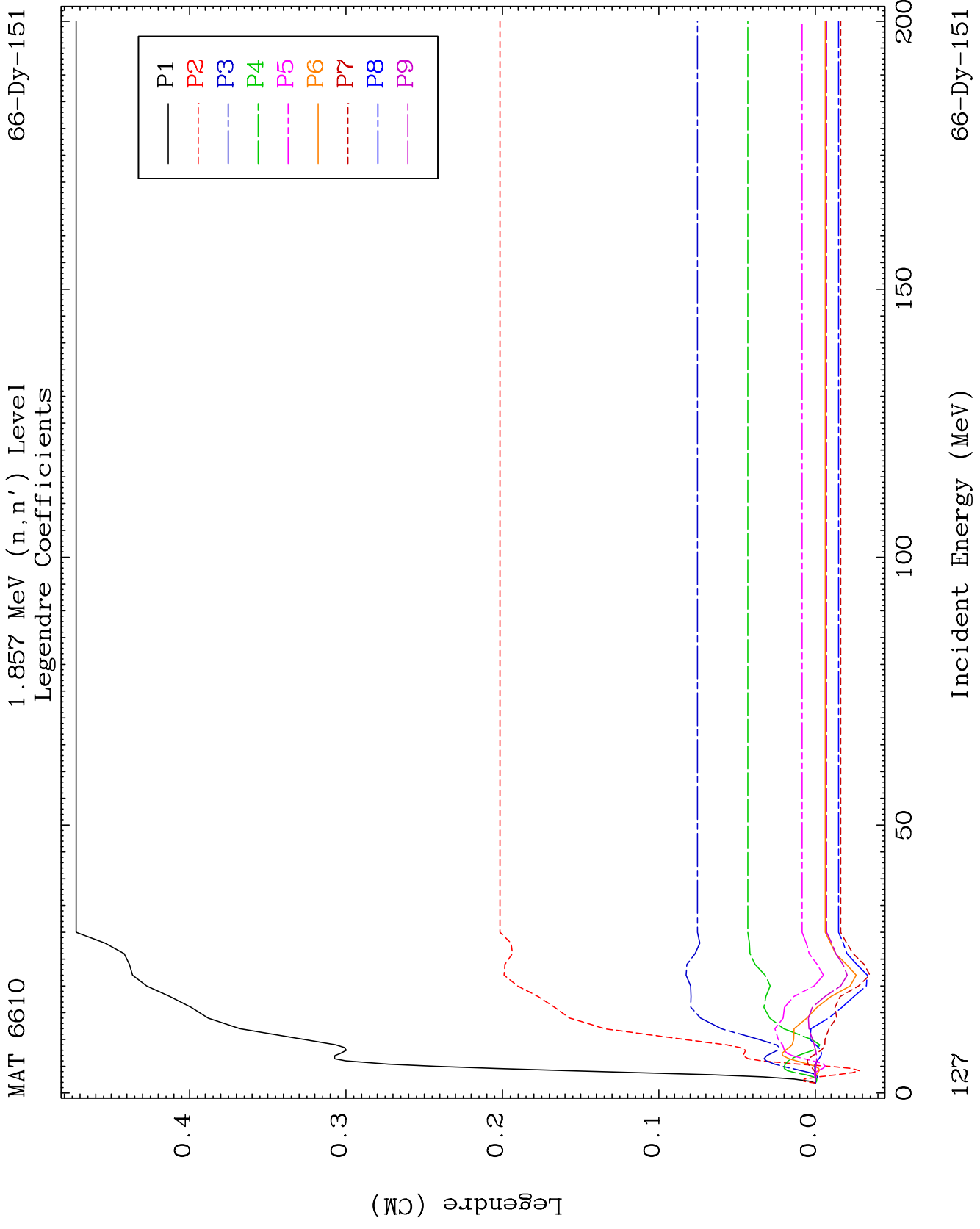




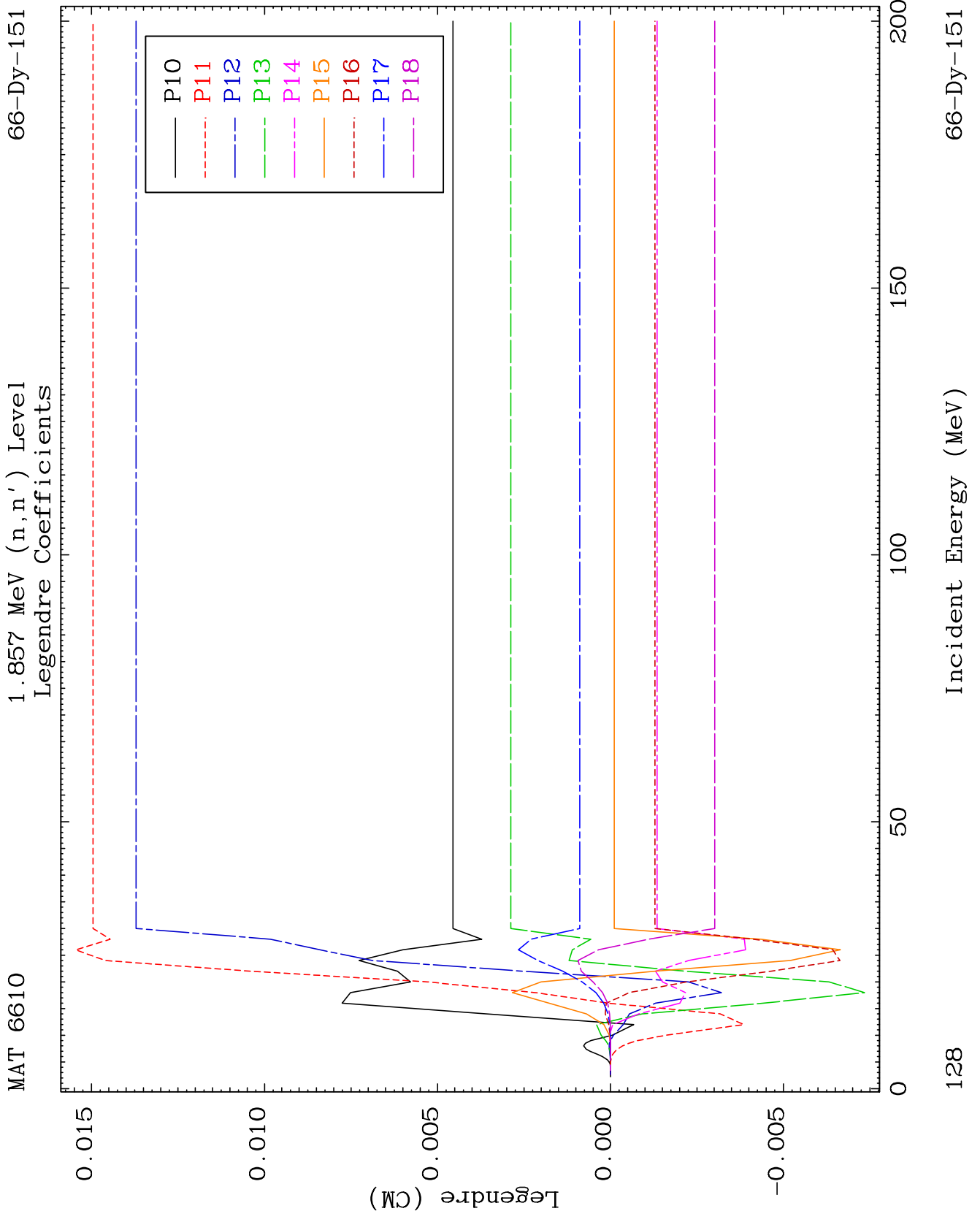


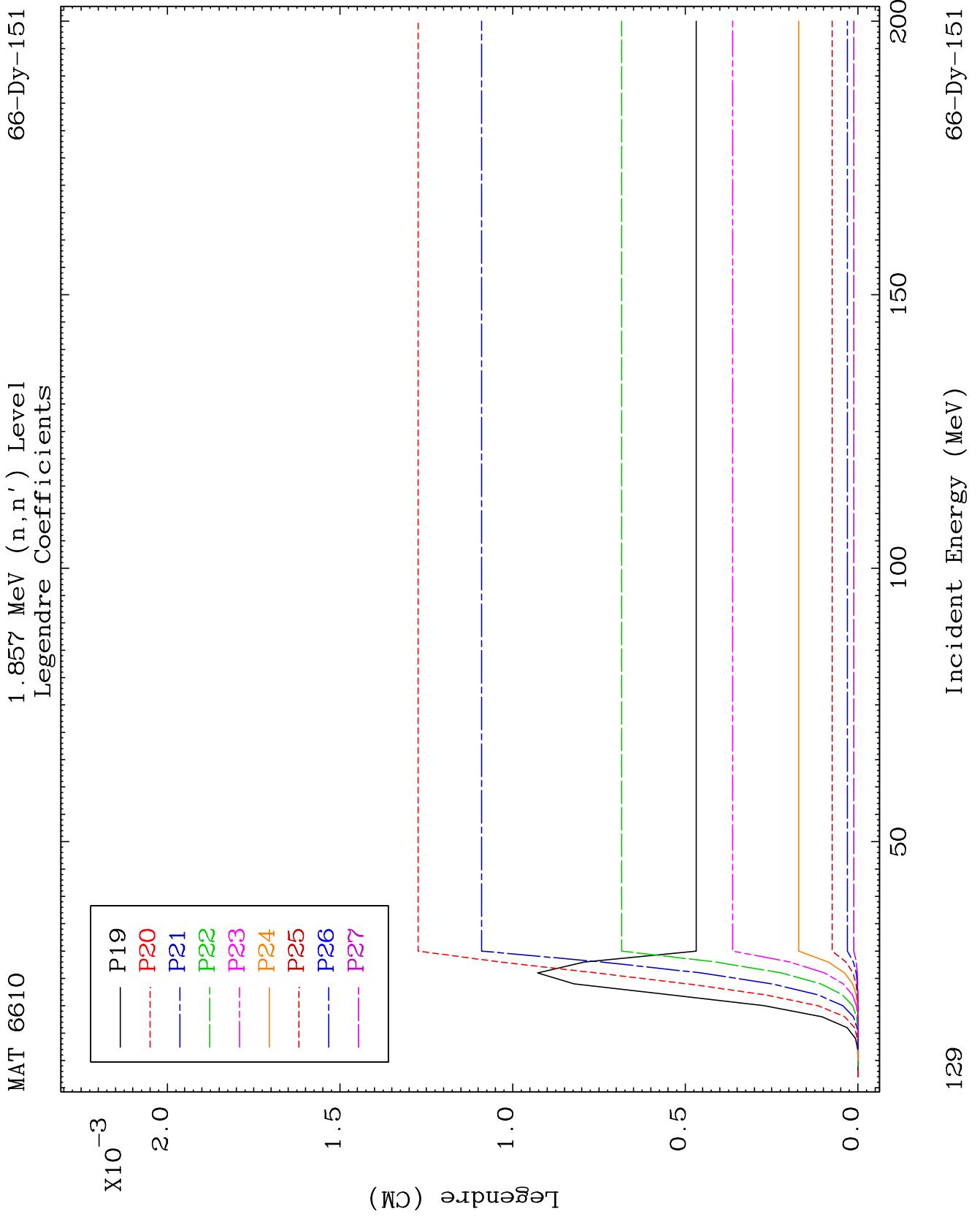


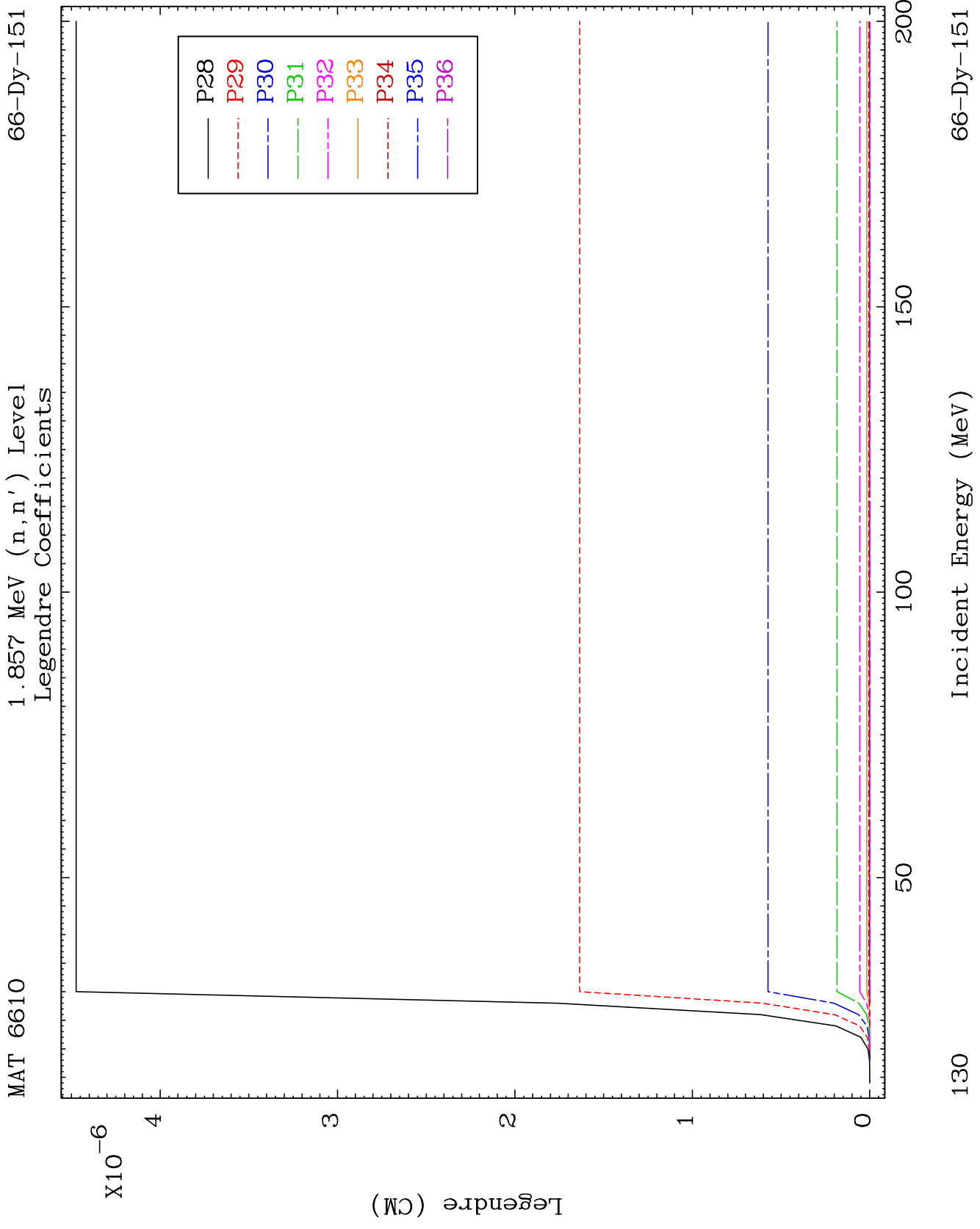










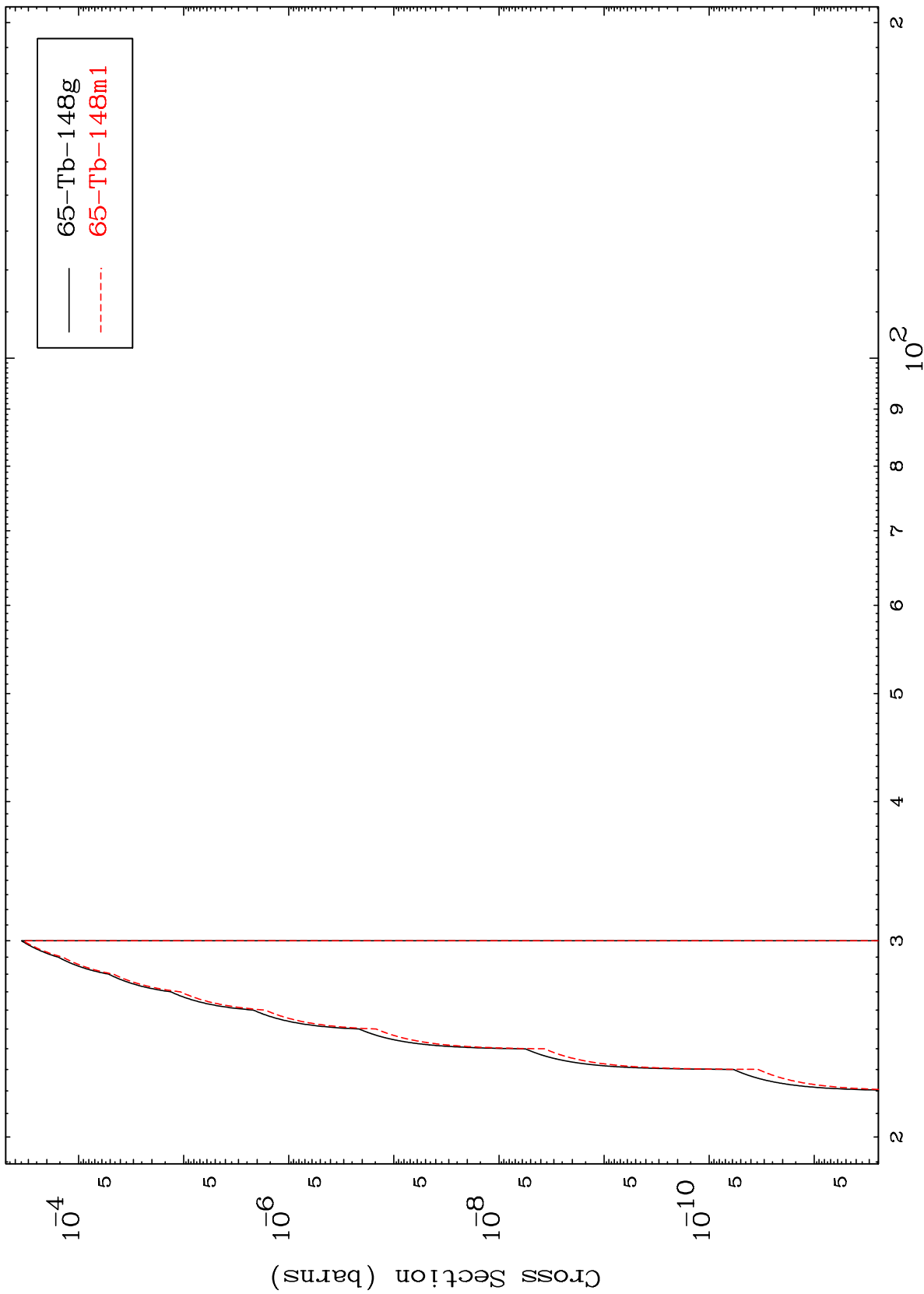


MAT 6610

(n,2n) d

66-Dy-151

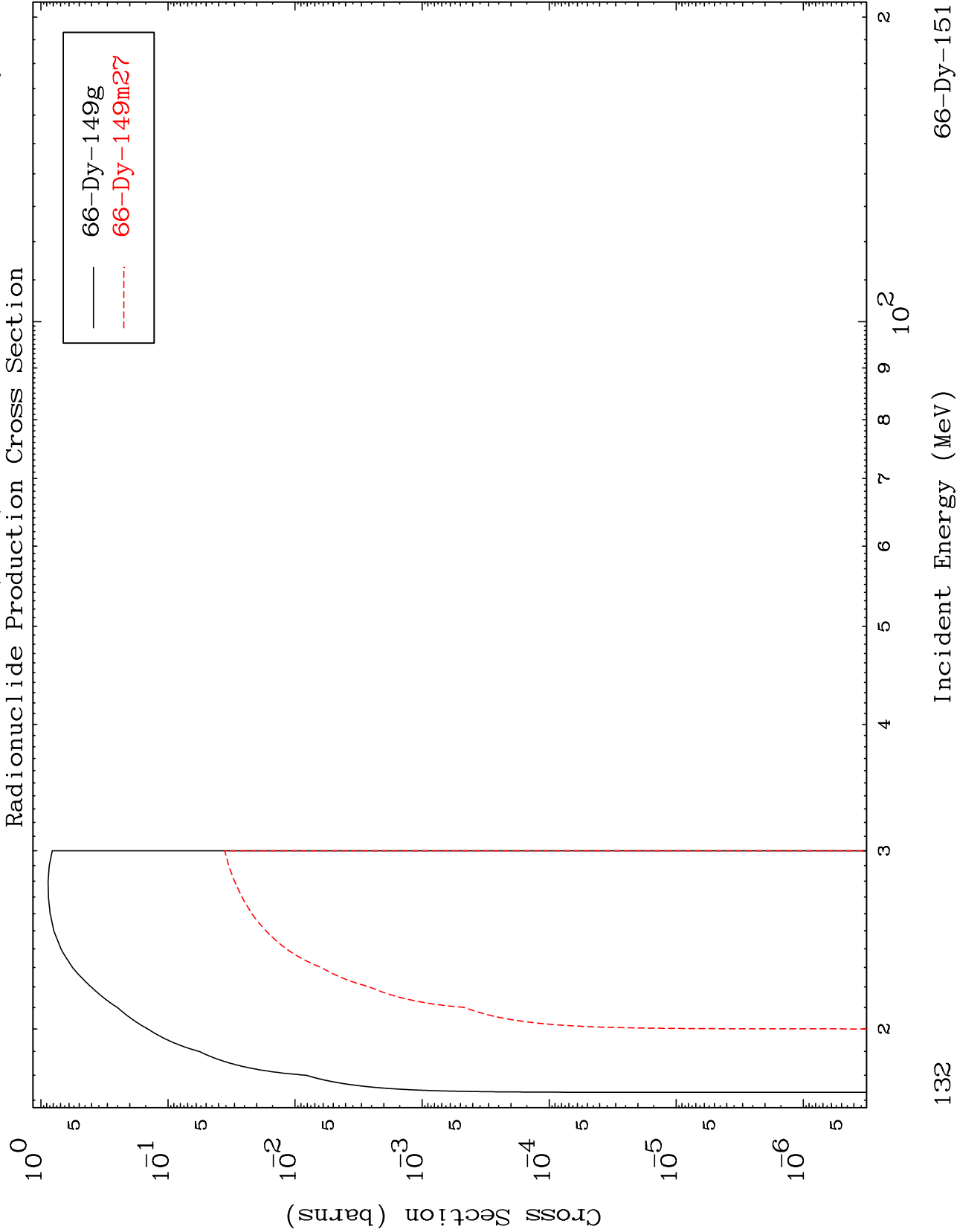
Radionuclide Production Cross Section

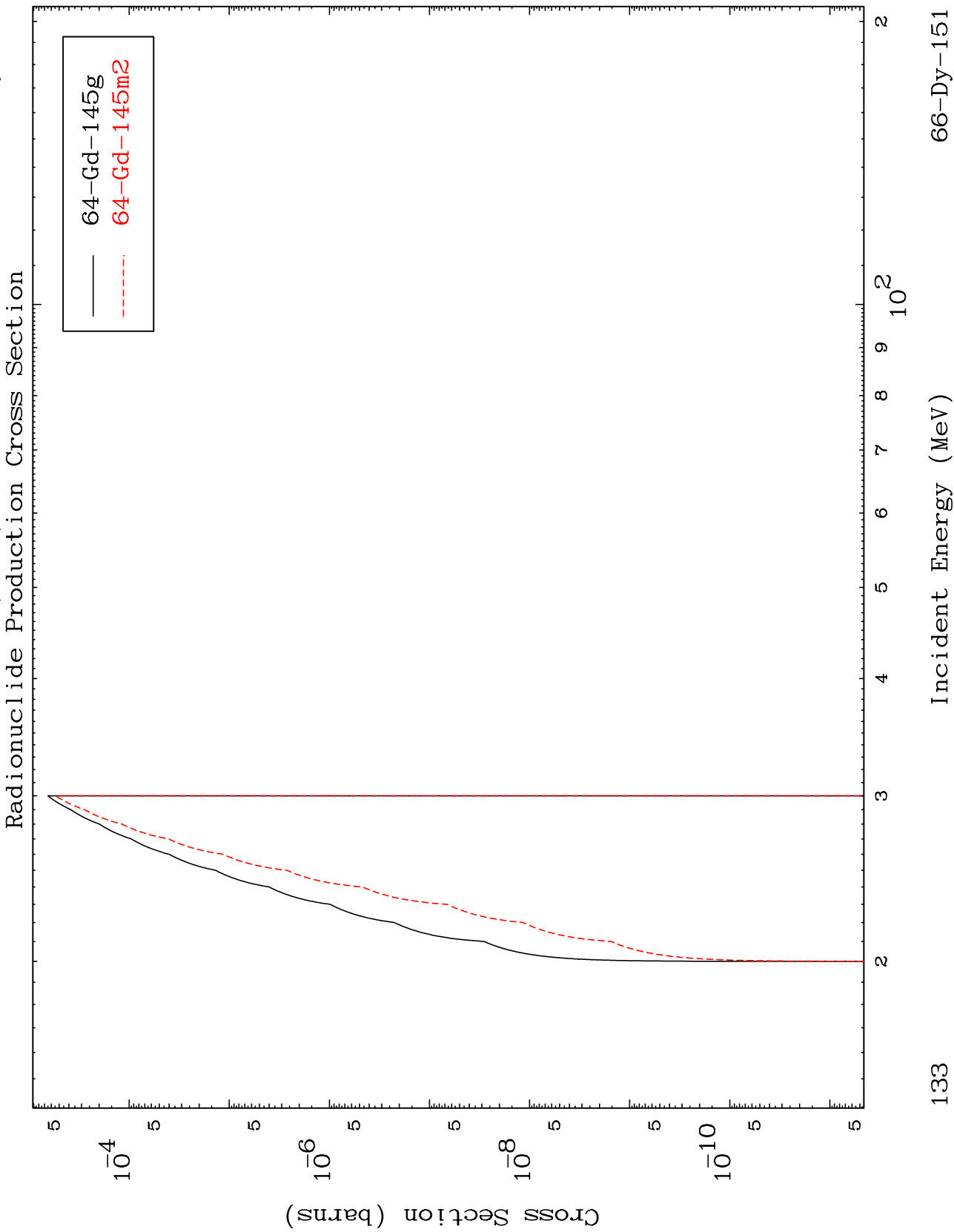


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Incident Energy (MeV)

66-Dy-151

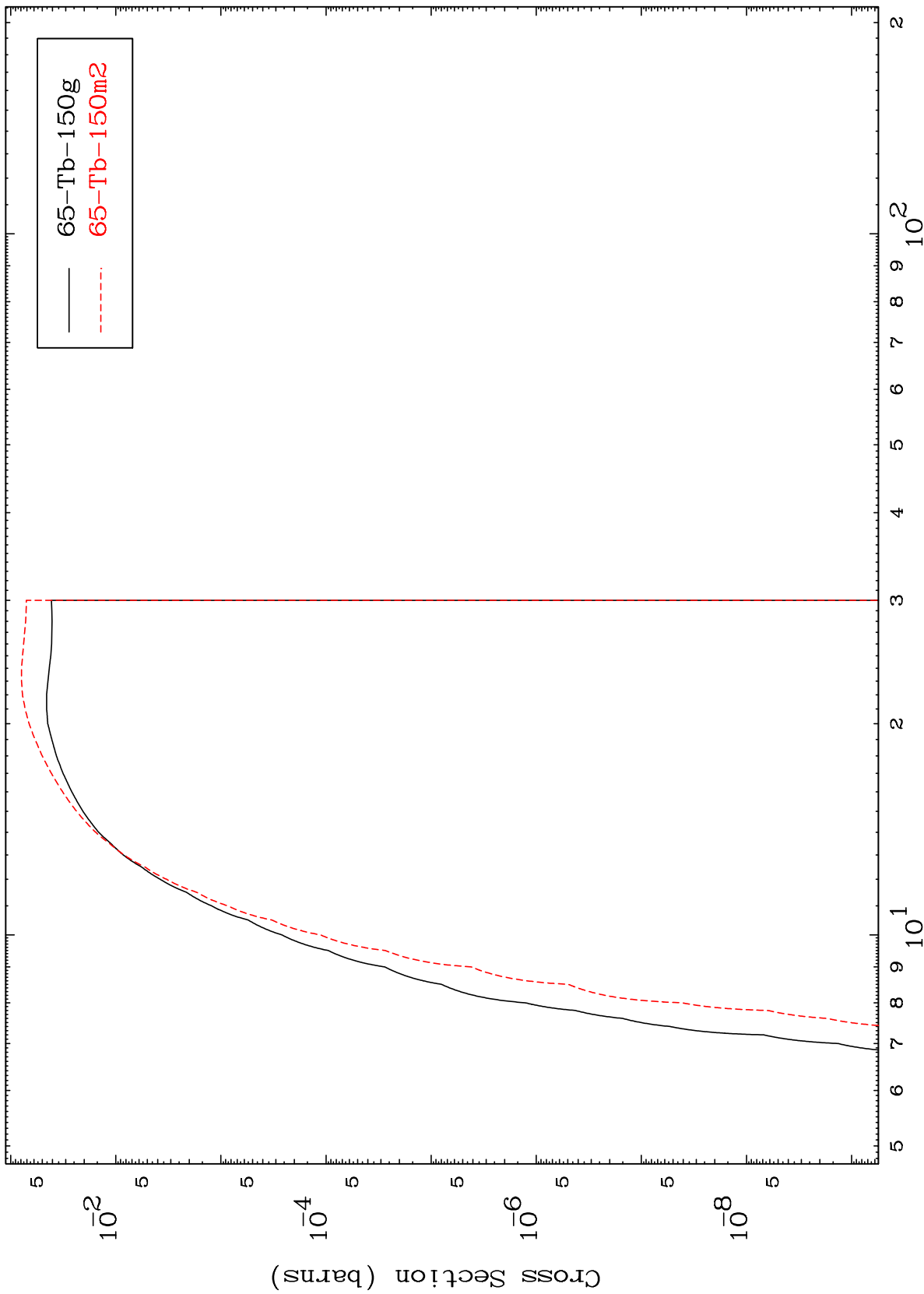




MAT 6610

66-Dy-151

$(n, n')$  p  
Radionuclide Production Cross Section



134

Incident Energy (MeV)

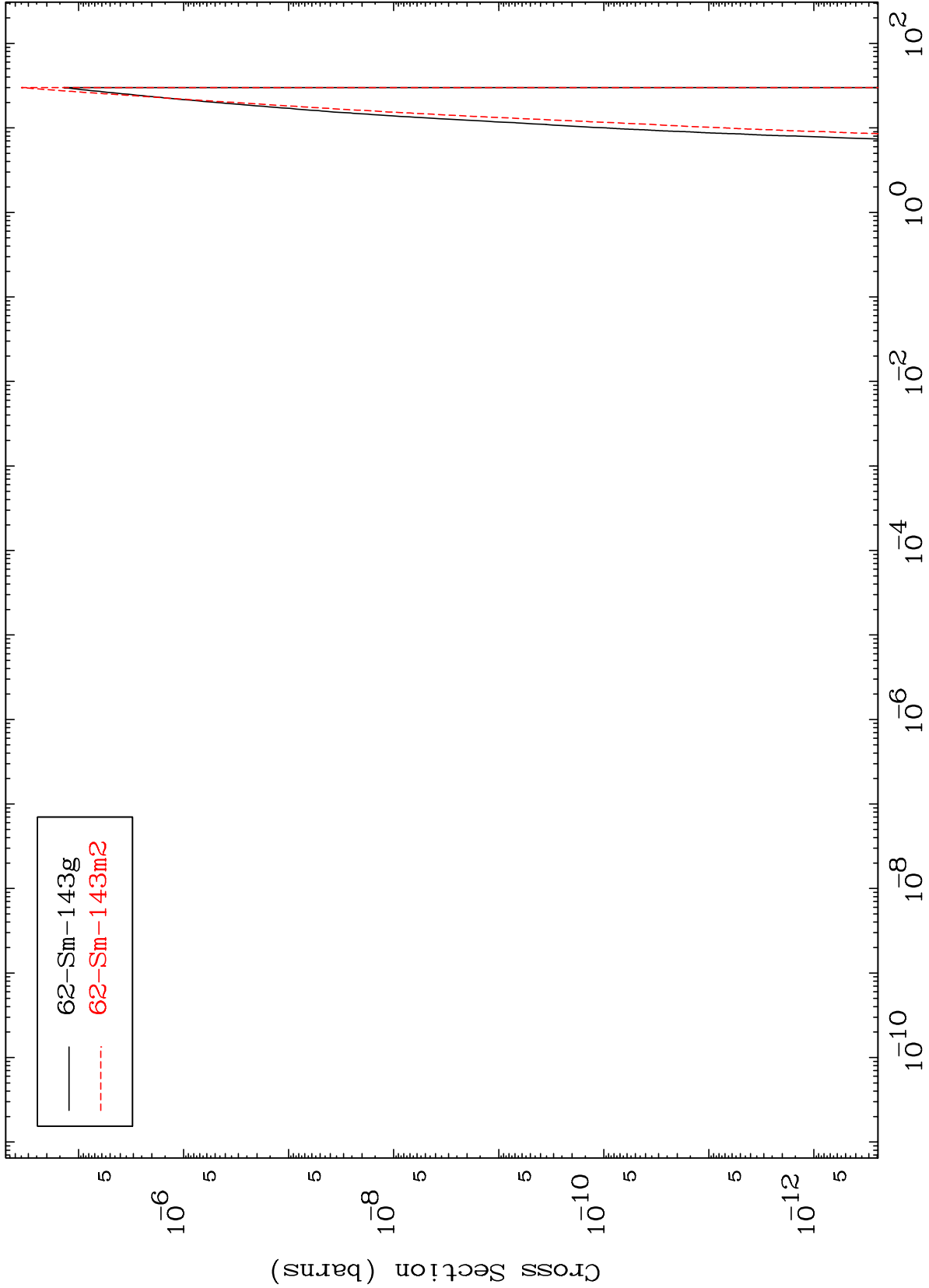
66-Dy-151

MAT 6610

(n,n') 2 $\alpha$

66-Dy-151

Radionuclide Production Cross Section



62-Sm-143g  
62-Sm-143m2

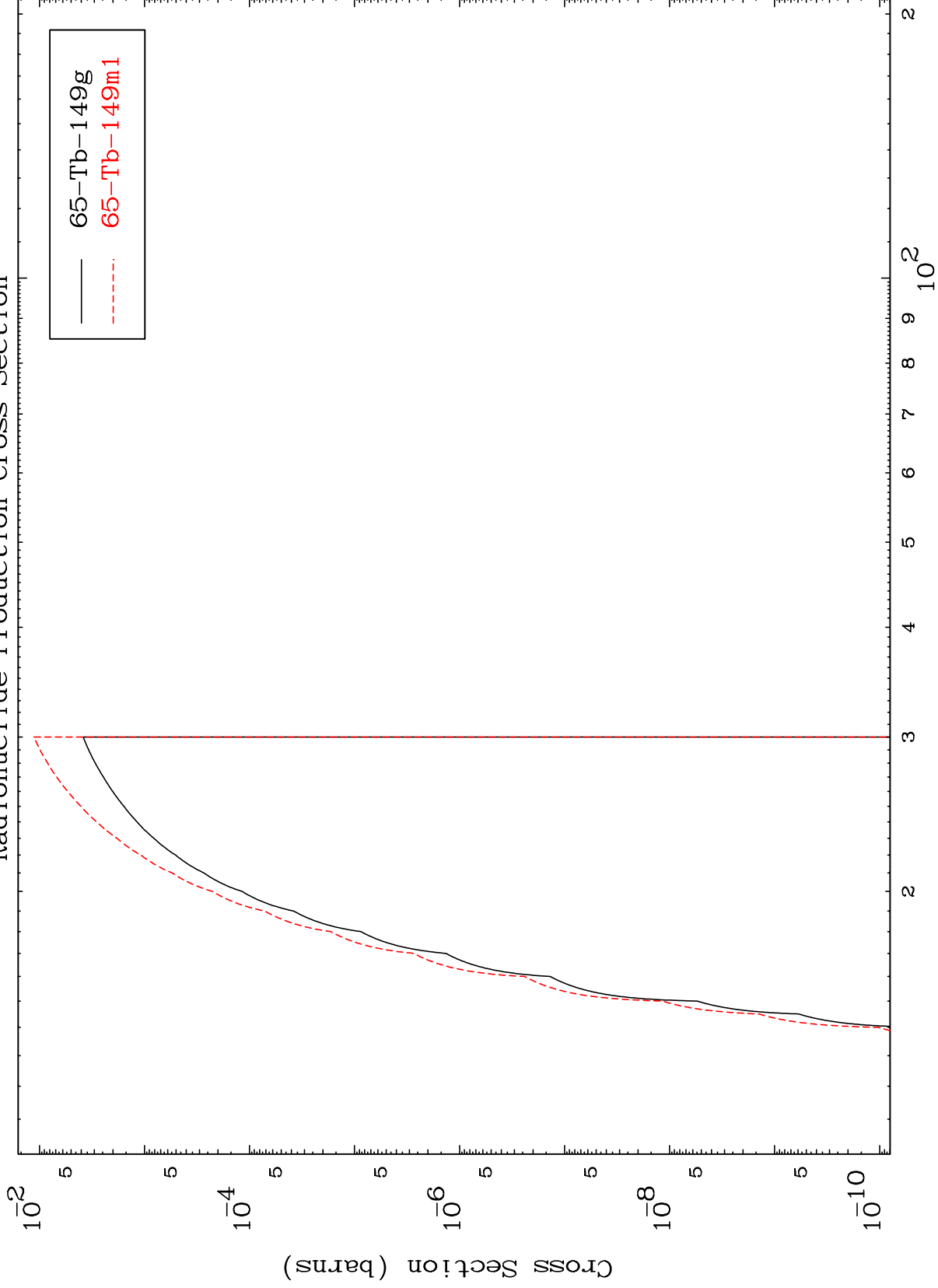
135

Incident Energy (MeV)

66-Dy-151



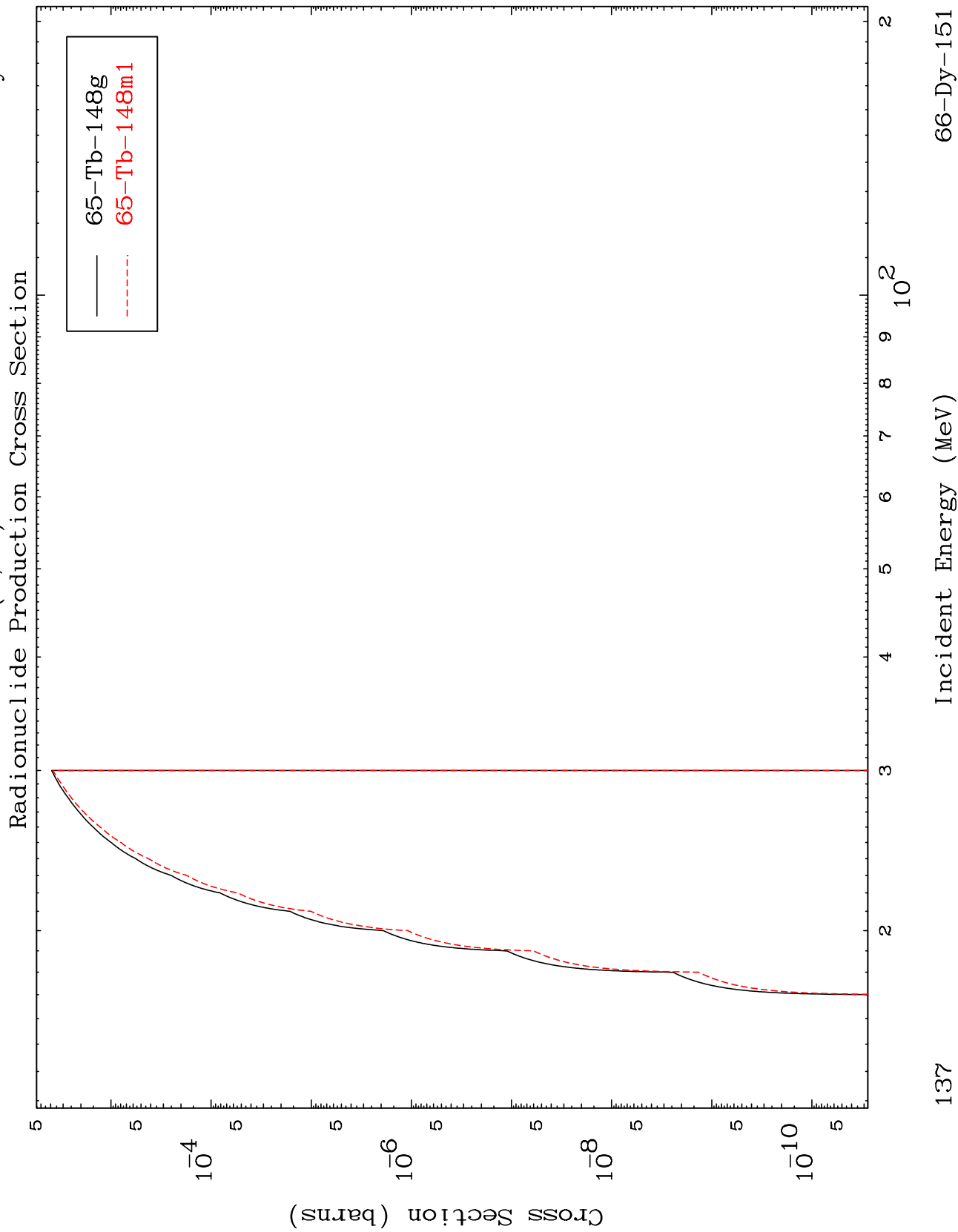
Radionuclide Production Cross Section



MAT 6610

(n,n') t

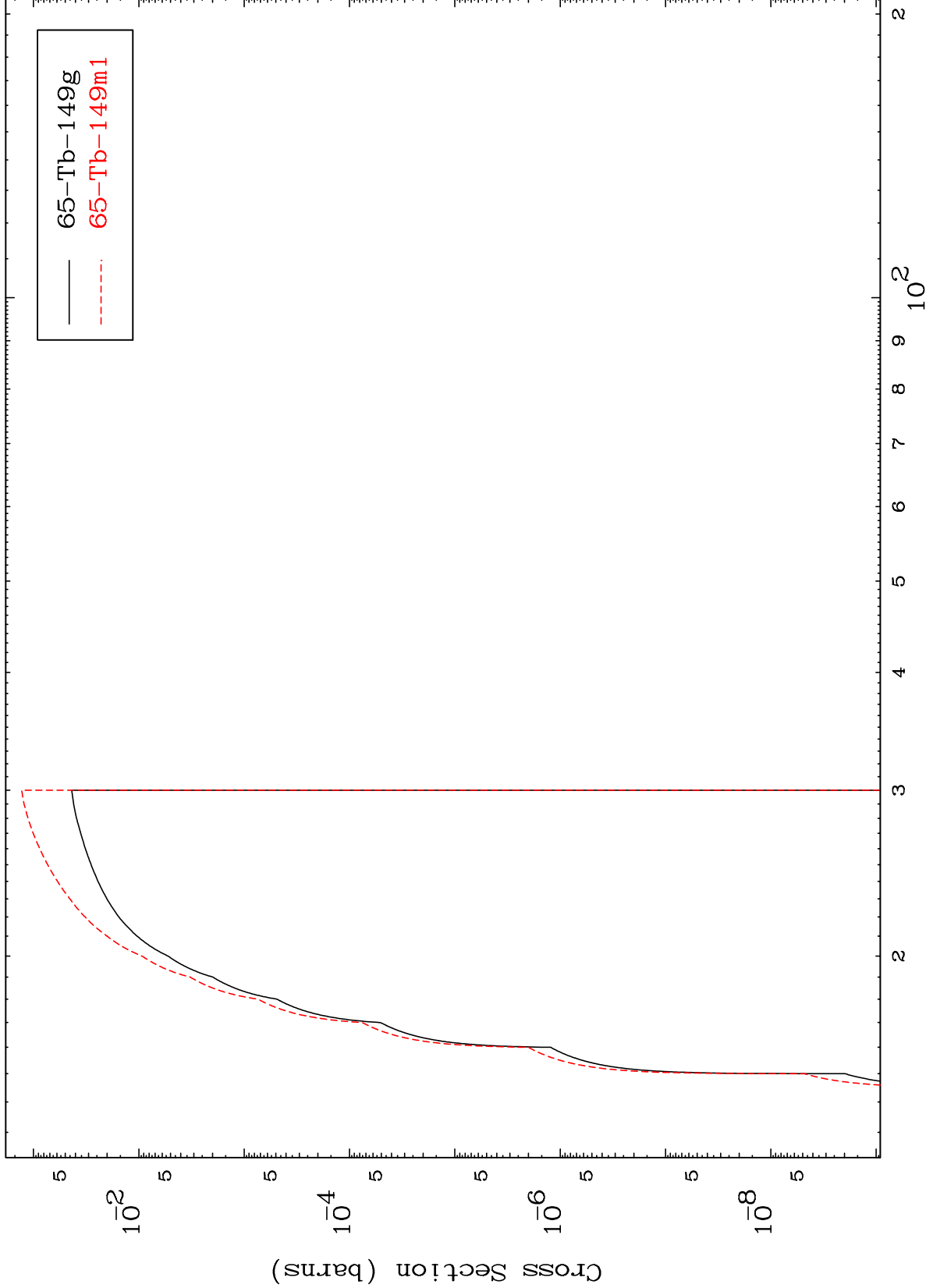
66-Dy-151



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66-Dy-151

Radionuclide Production Cross Section

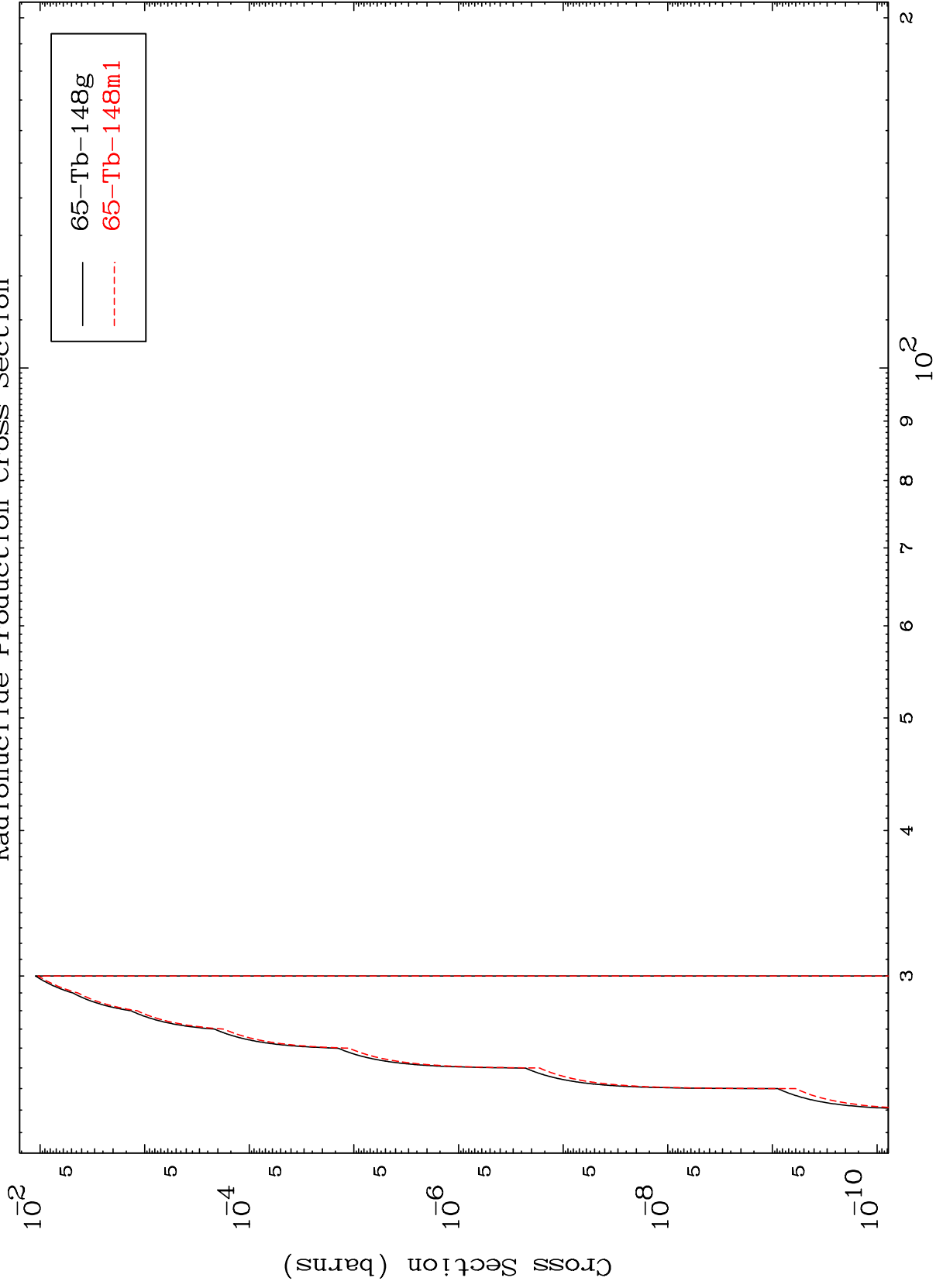


MAT 6610

(n,3n) p

66-Dy-151

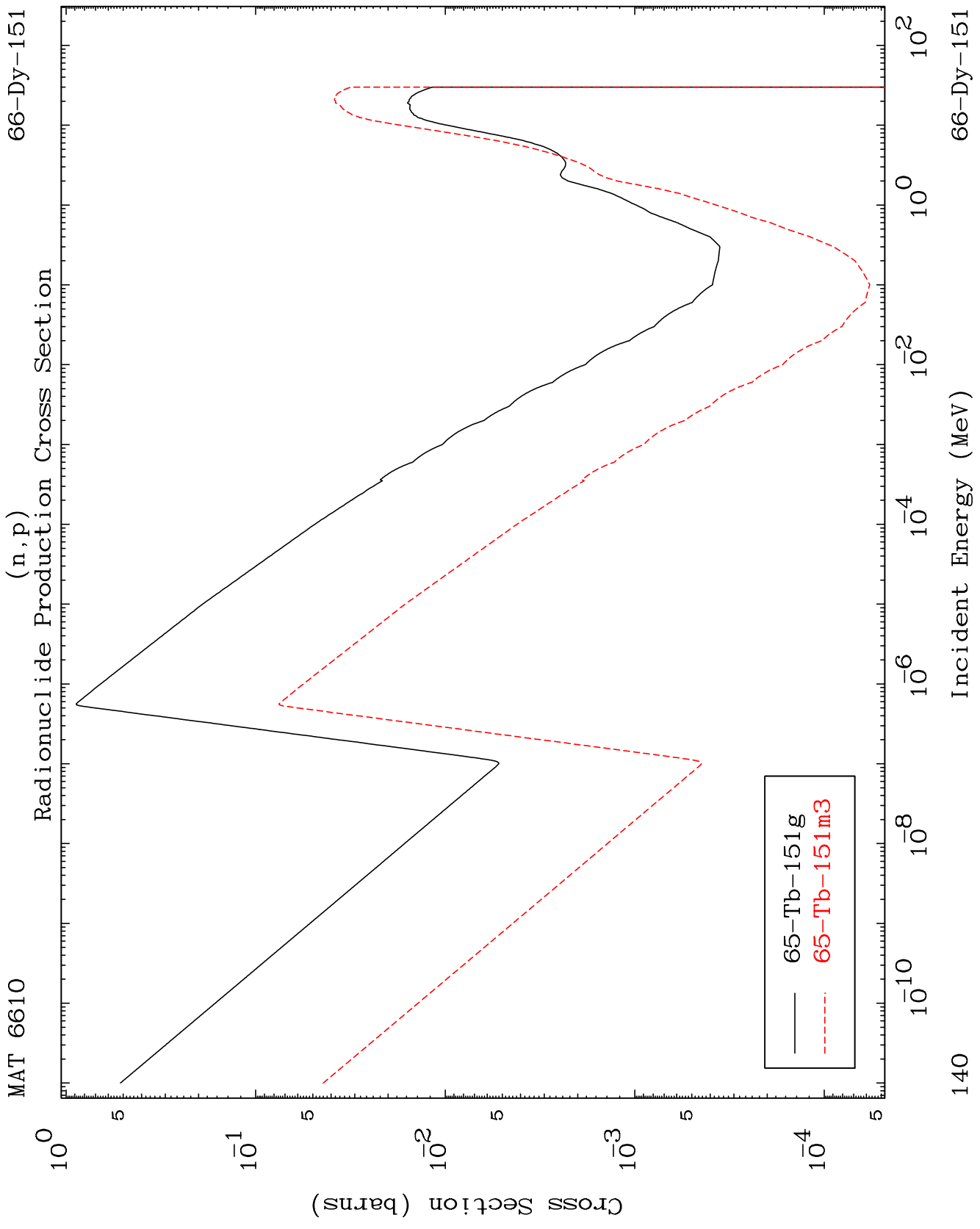
Radionuclide Production Cross Section



139

Incident Energy (MeV)

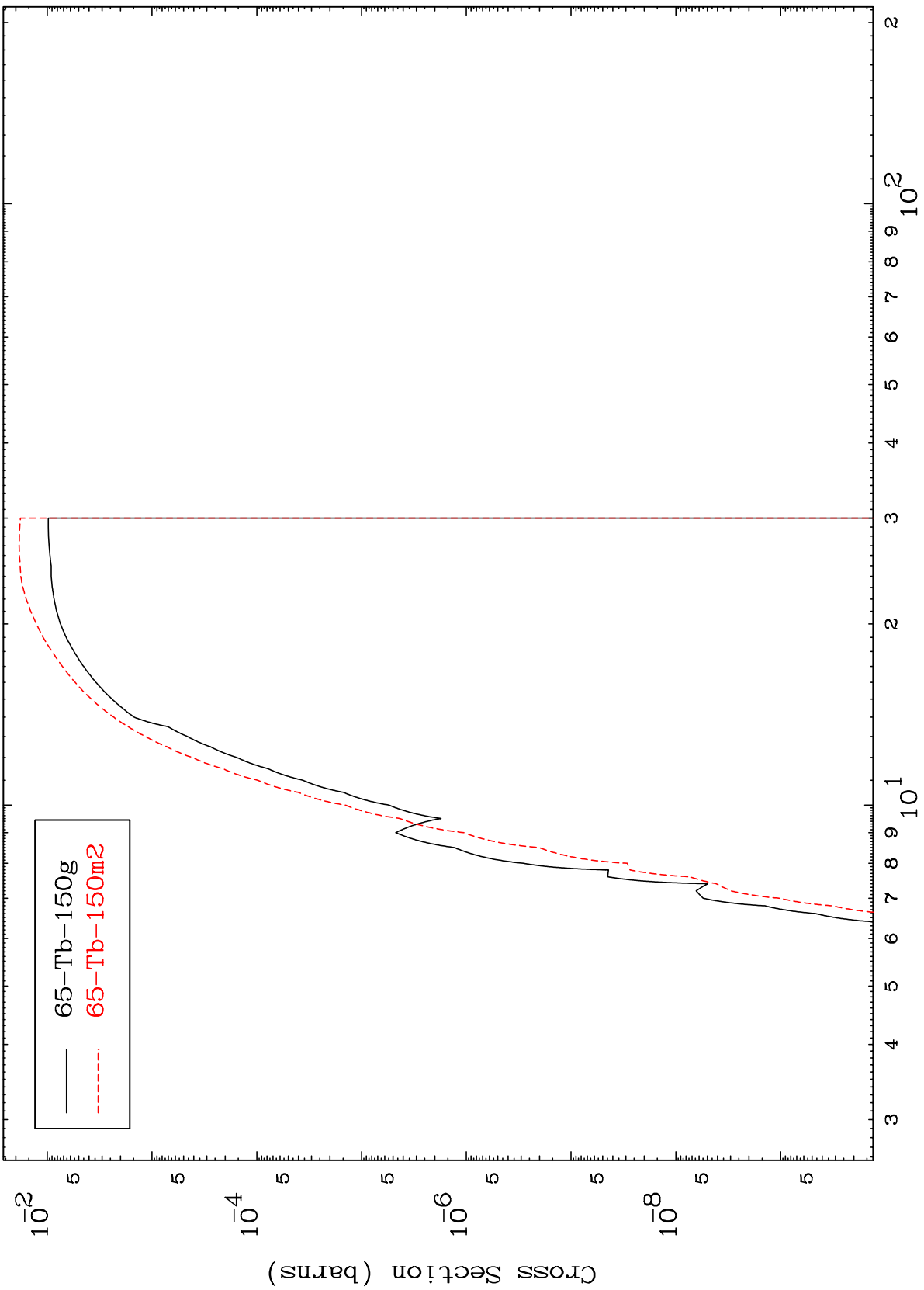
66-Dy-151



MAT 6610

66-Dy-151

(n,d)  
Radionuclide Production Cross Section



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Incident Energy (MeV)

66-Dy-151

