

Program EVALPLOT  
(Version 2021-1)

by

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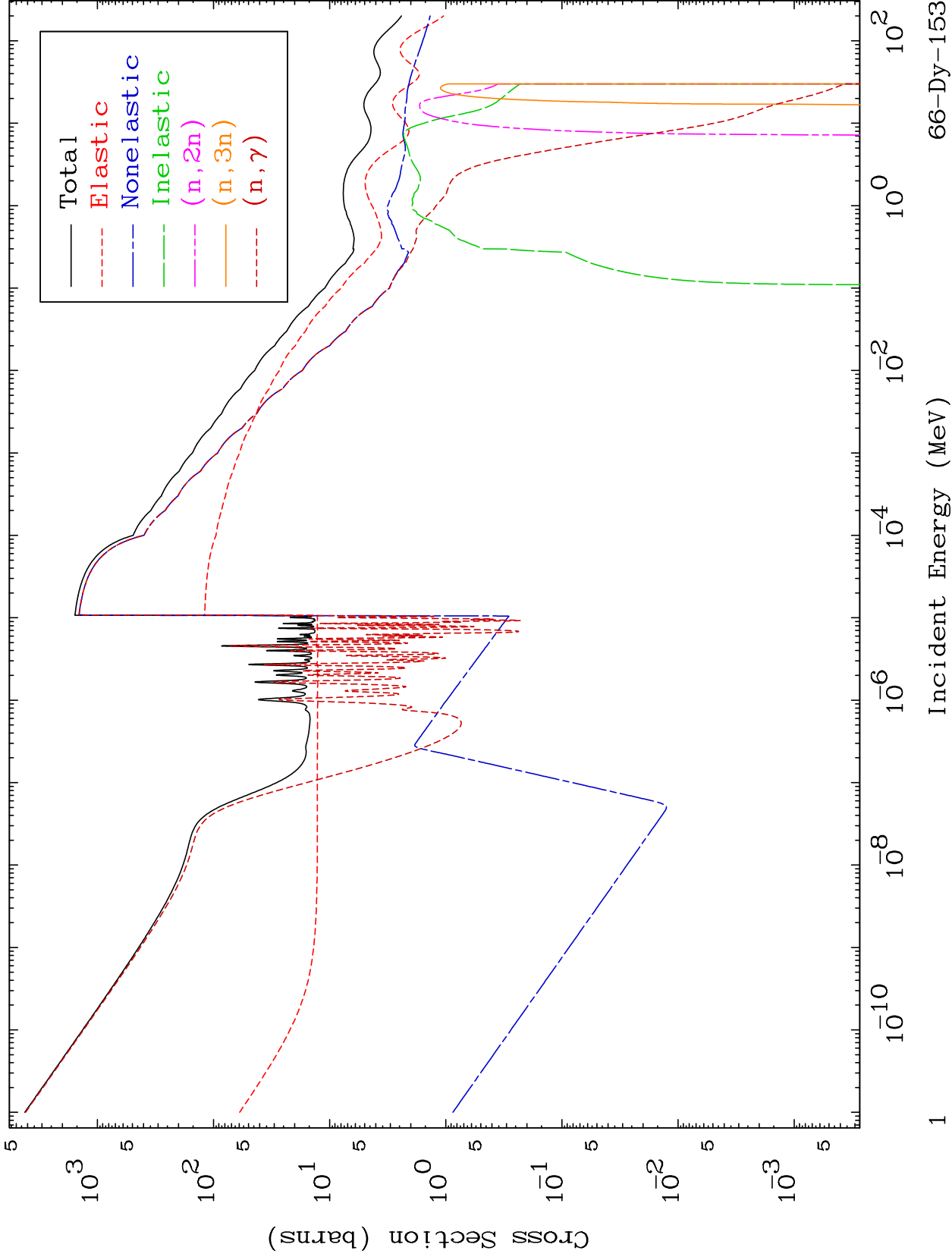
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Press Mouse Button to Start

MAT 6616

Neutron Major  
293 Kelvin Cross Sections

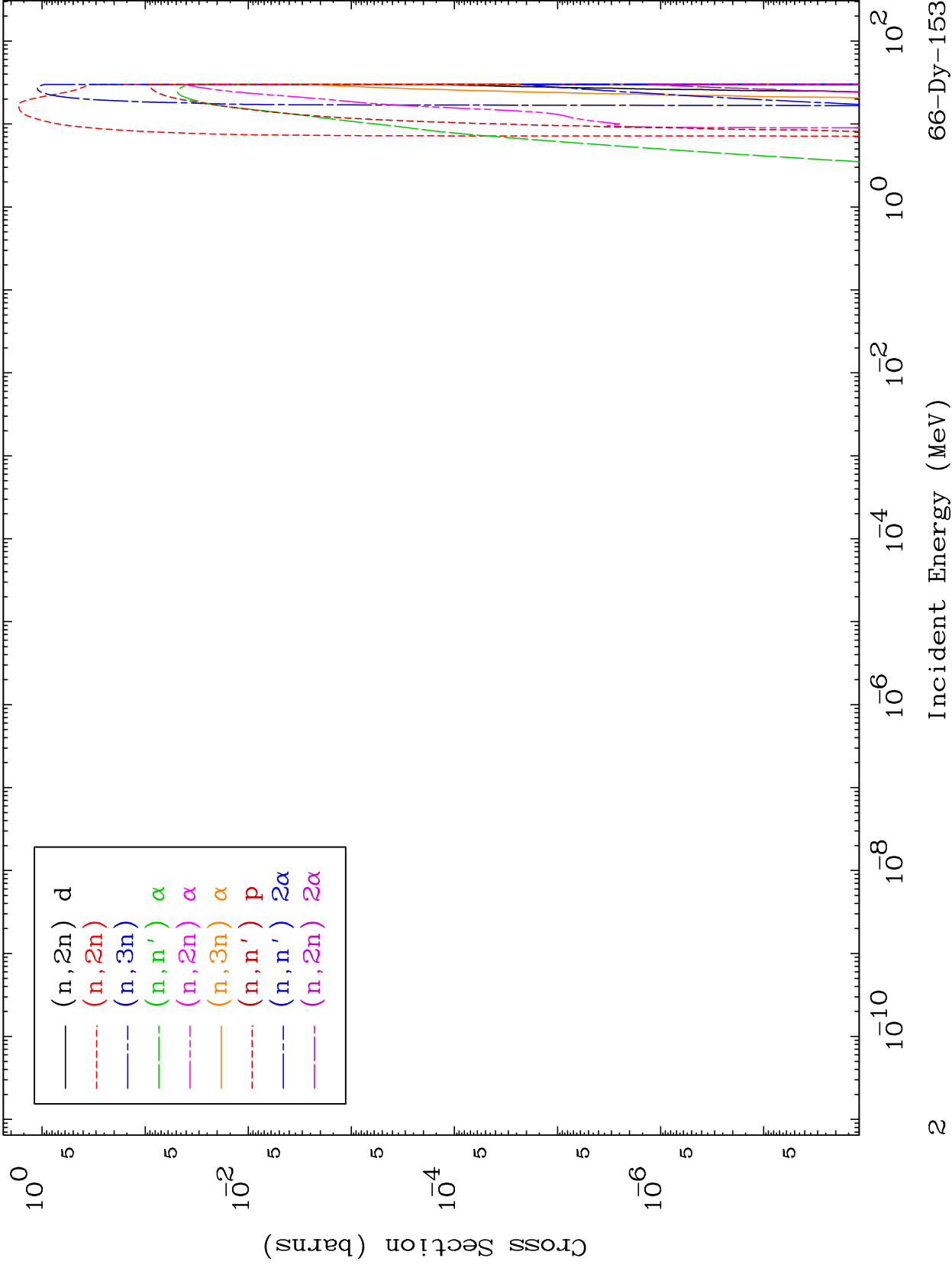
66-Dy-153



MAT 6616

Neutron Absorption  
293 Kelvin Cross Sections

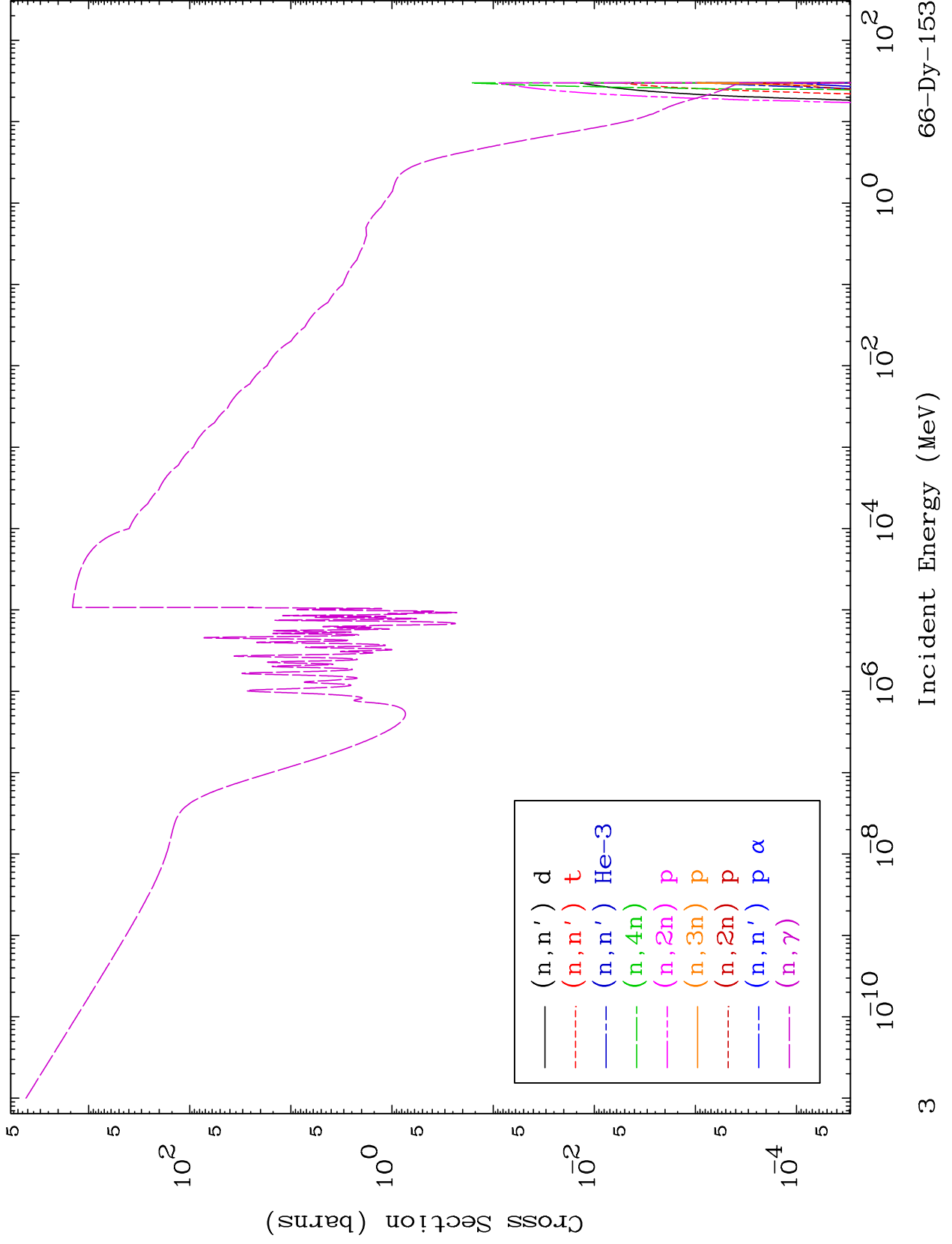
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MAT 6616

Neutron Absorption  
293 Kelvin Cross Sections

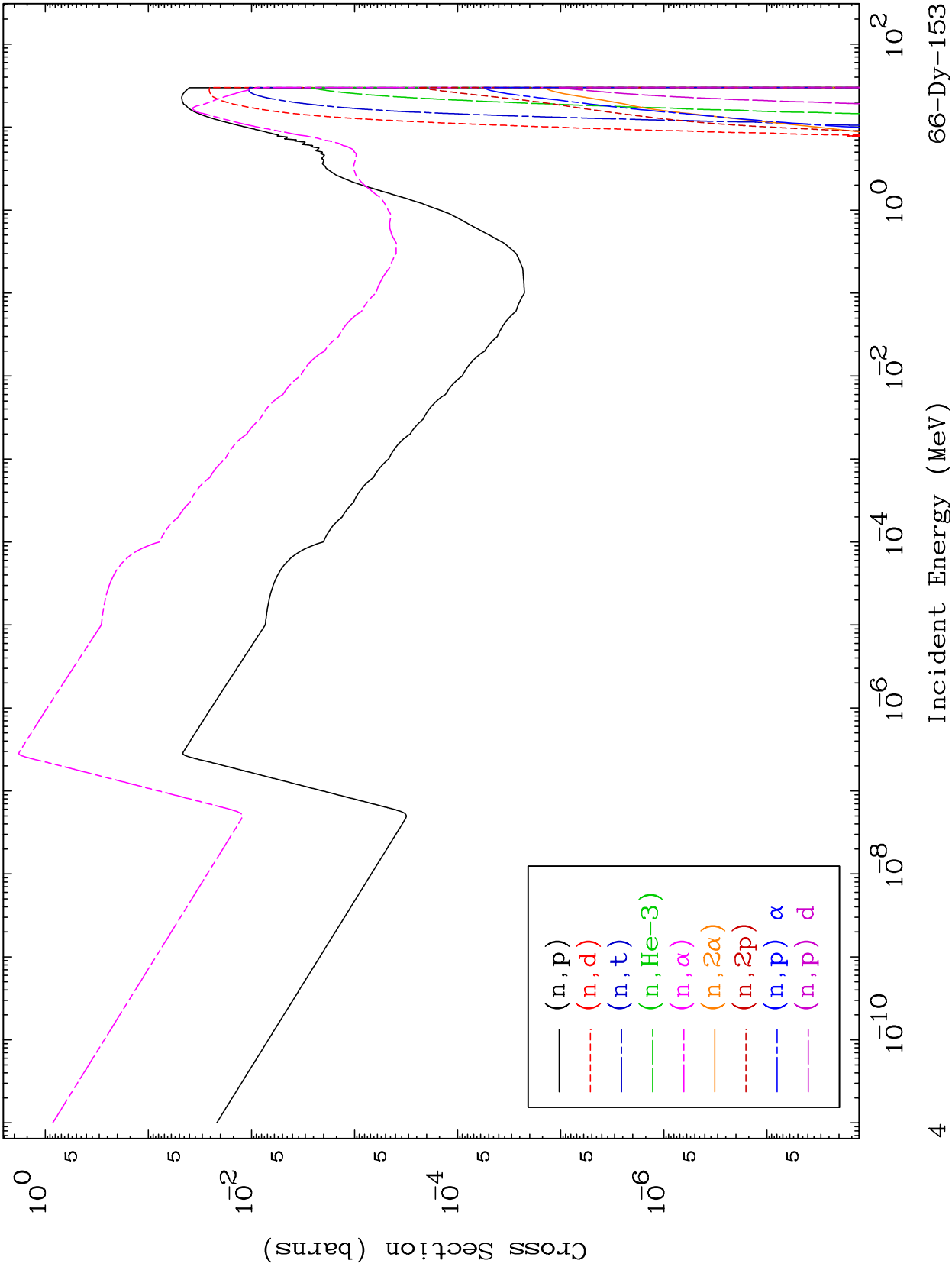
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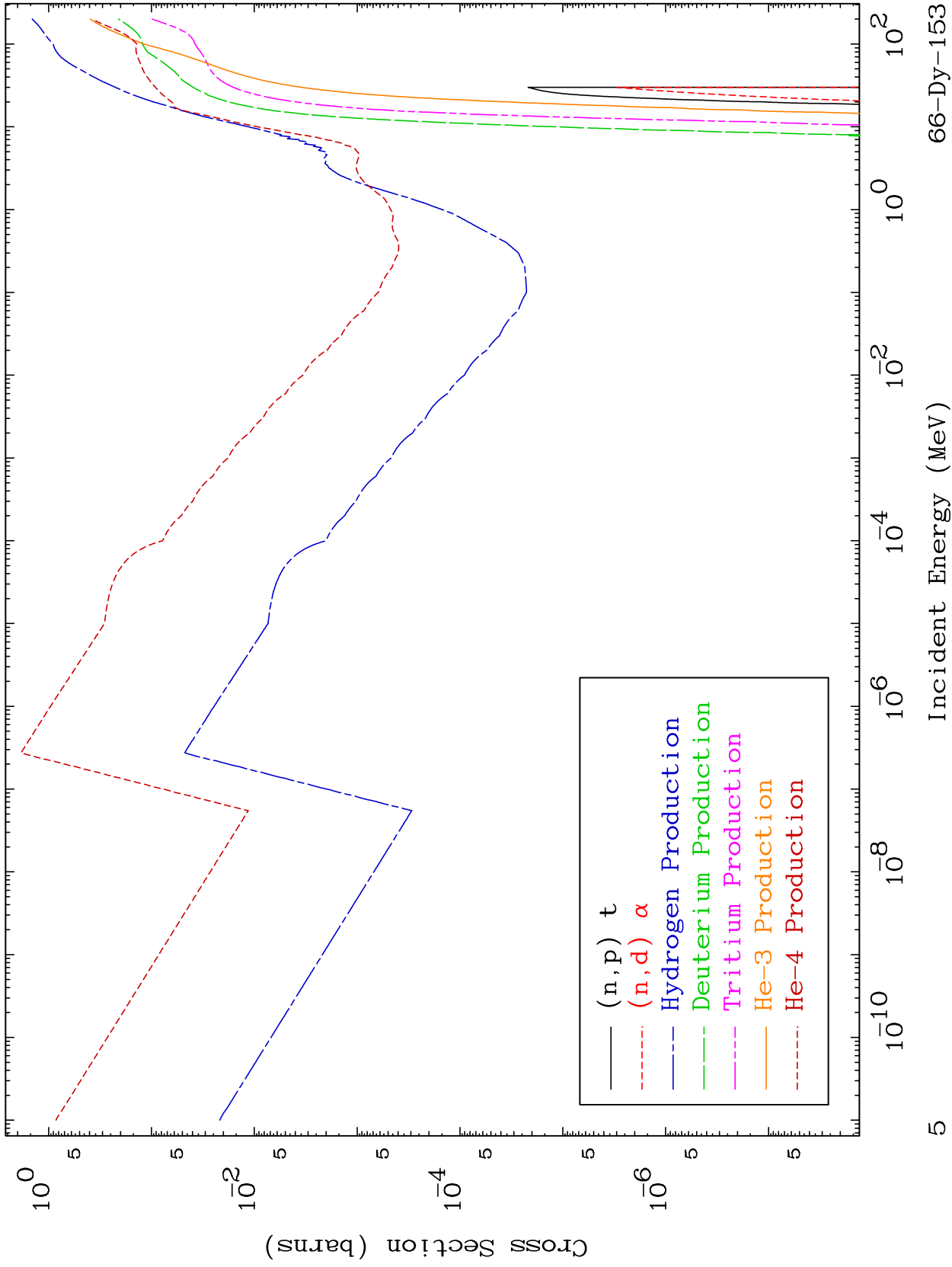


MAT 6616

Neutron Absorption  
293 Kelvin Cross Sections

66-Dy-153

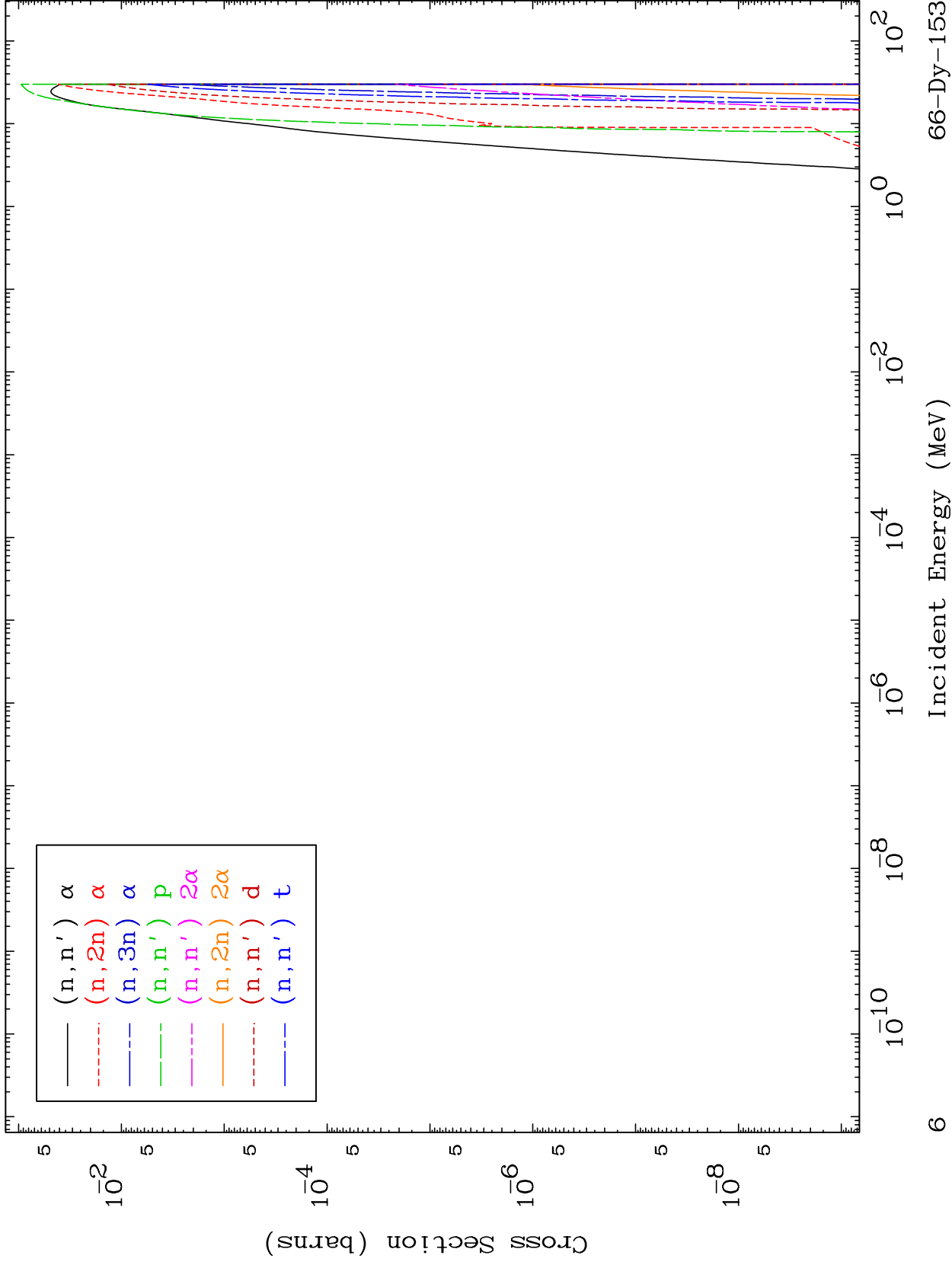




MAT 6616

Charged Particle  
293 Kelvin Cross Sections

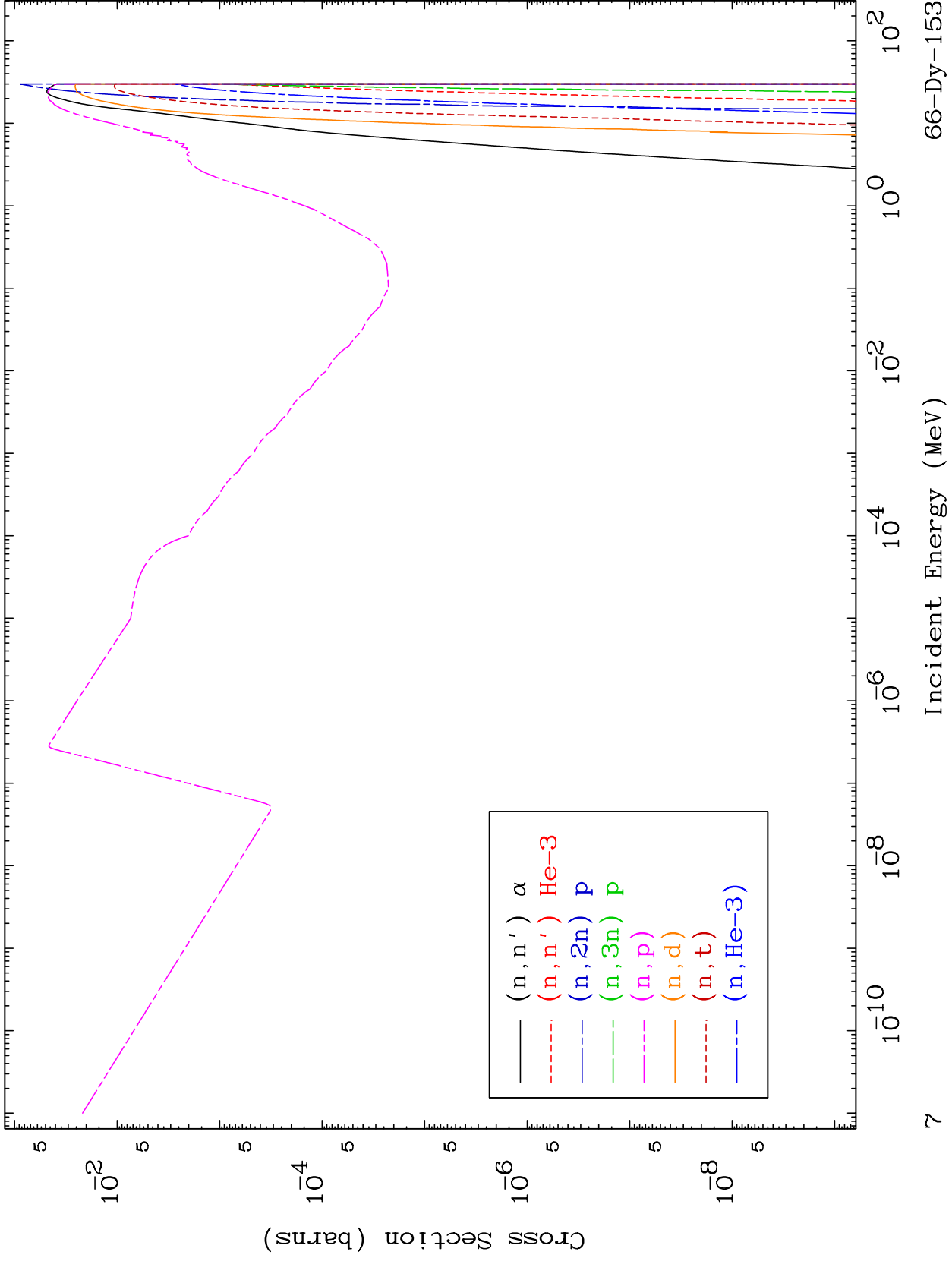
66-Dy-153



MAT 6616

Charged Particle  
293 Kelvin Cross Sections

66-Dy-153

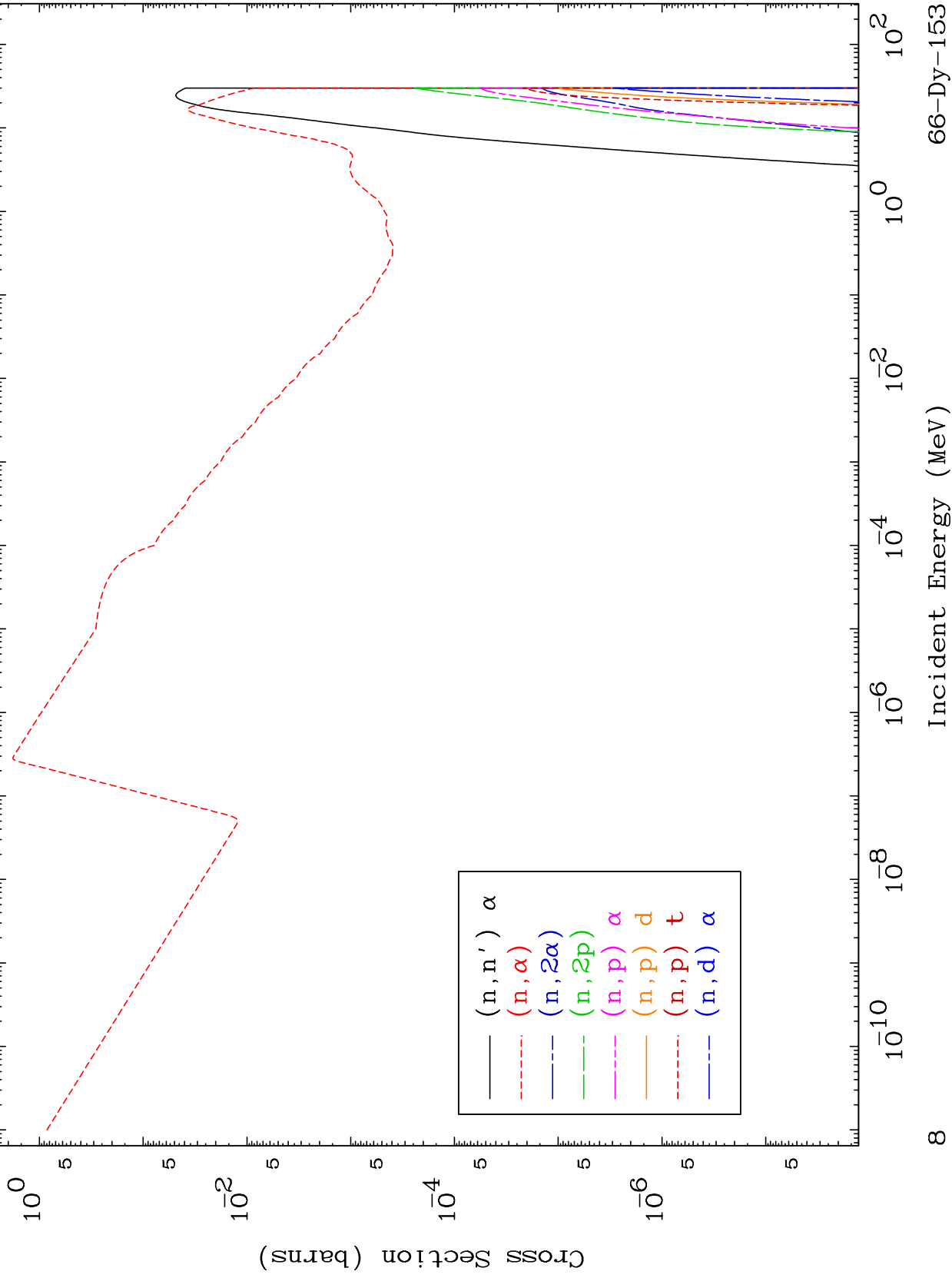




MAT 6616

Charged Particle  
293 Kelvin Cross Sections

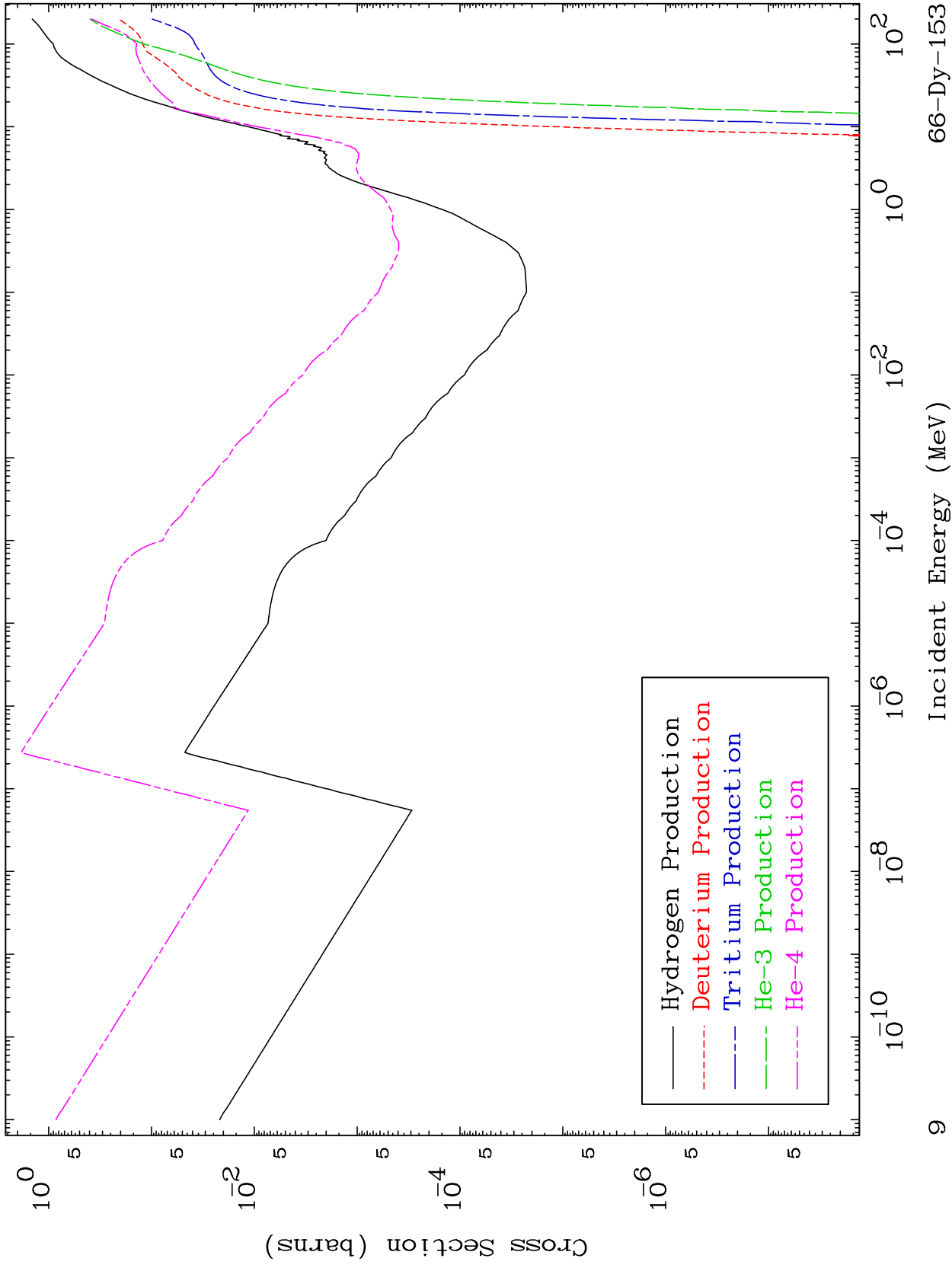
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MAT 6616

Particle Production  
293 Kelvin Cross Sections

66-Dy-153

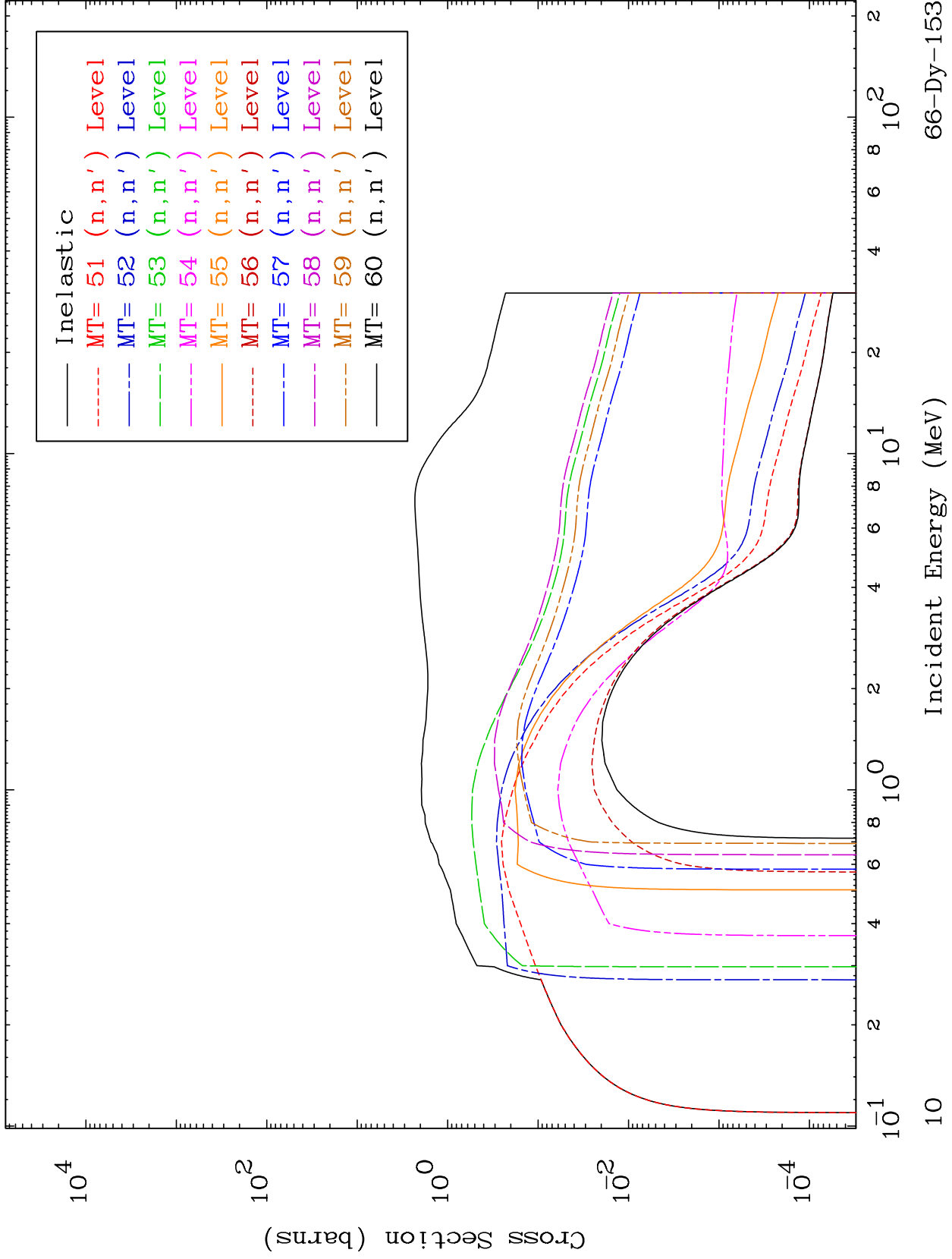


MAT 6616

(n,n') Levels

293 Kelvin Cross Sections

66-Dy-153



Incident Energy (MeV)

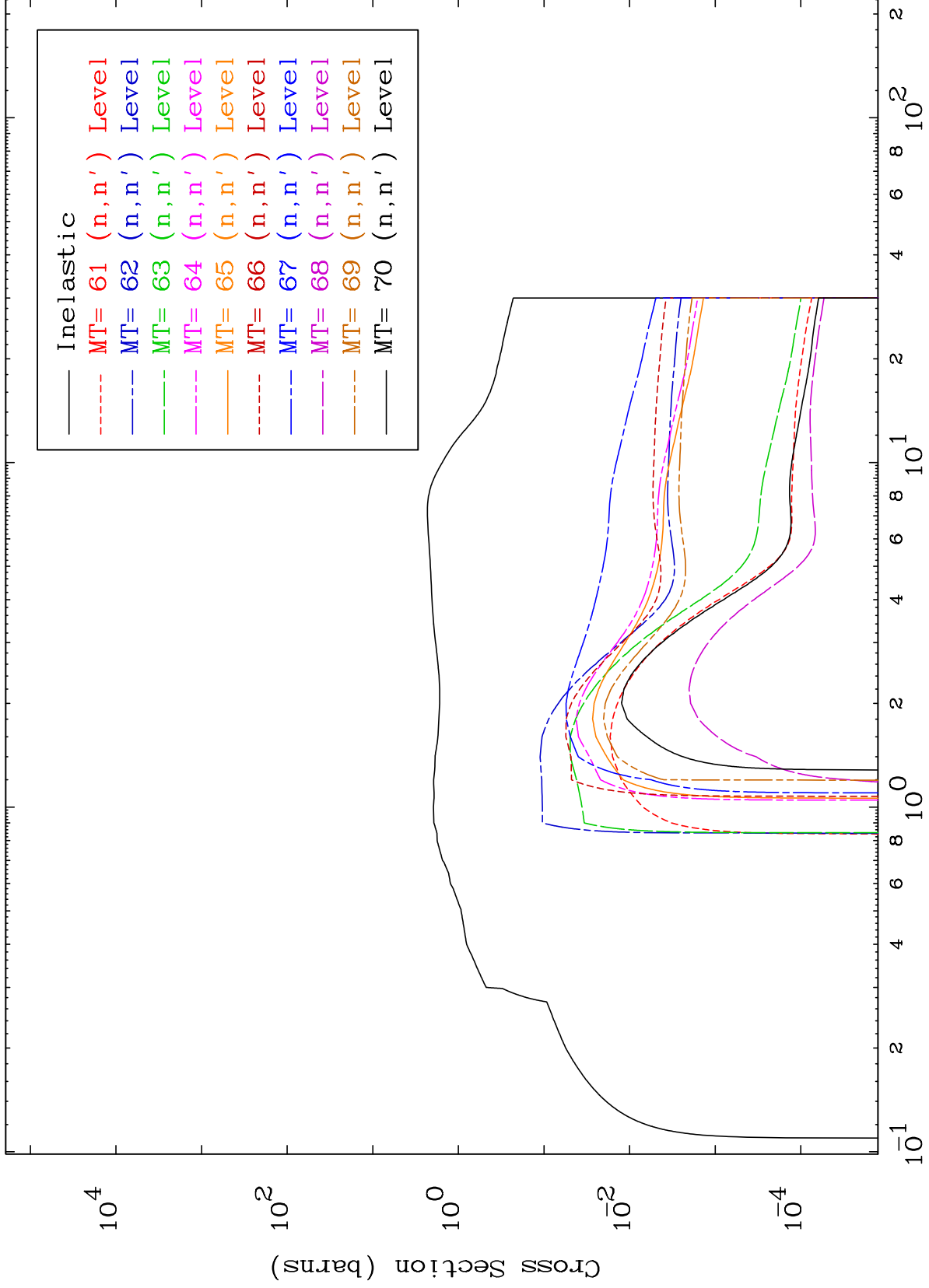
66-Dy-153

MAT 6616

(n,n') Levels

66-Dy-153

293 Kelvin Cross Sections



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Incident Energy (MeV)

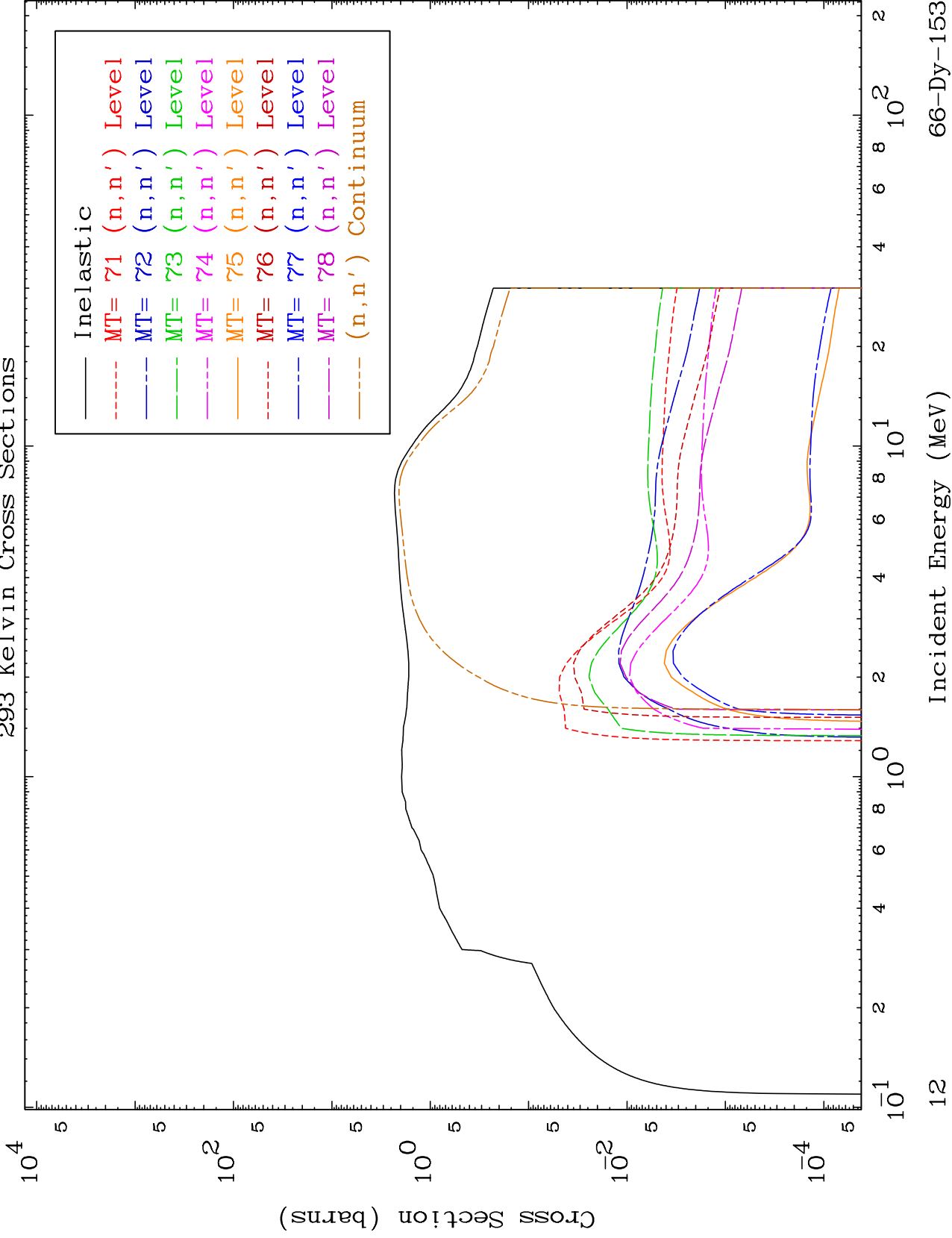
66-Dy-153

MAT 6616

(n,n') Levels

66-Dy-153

293 Kelvin Cross Sections



Incident Energy (MeV)

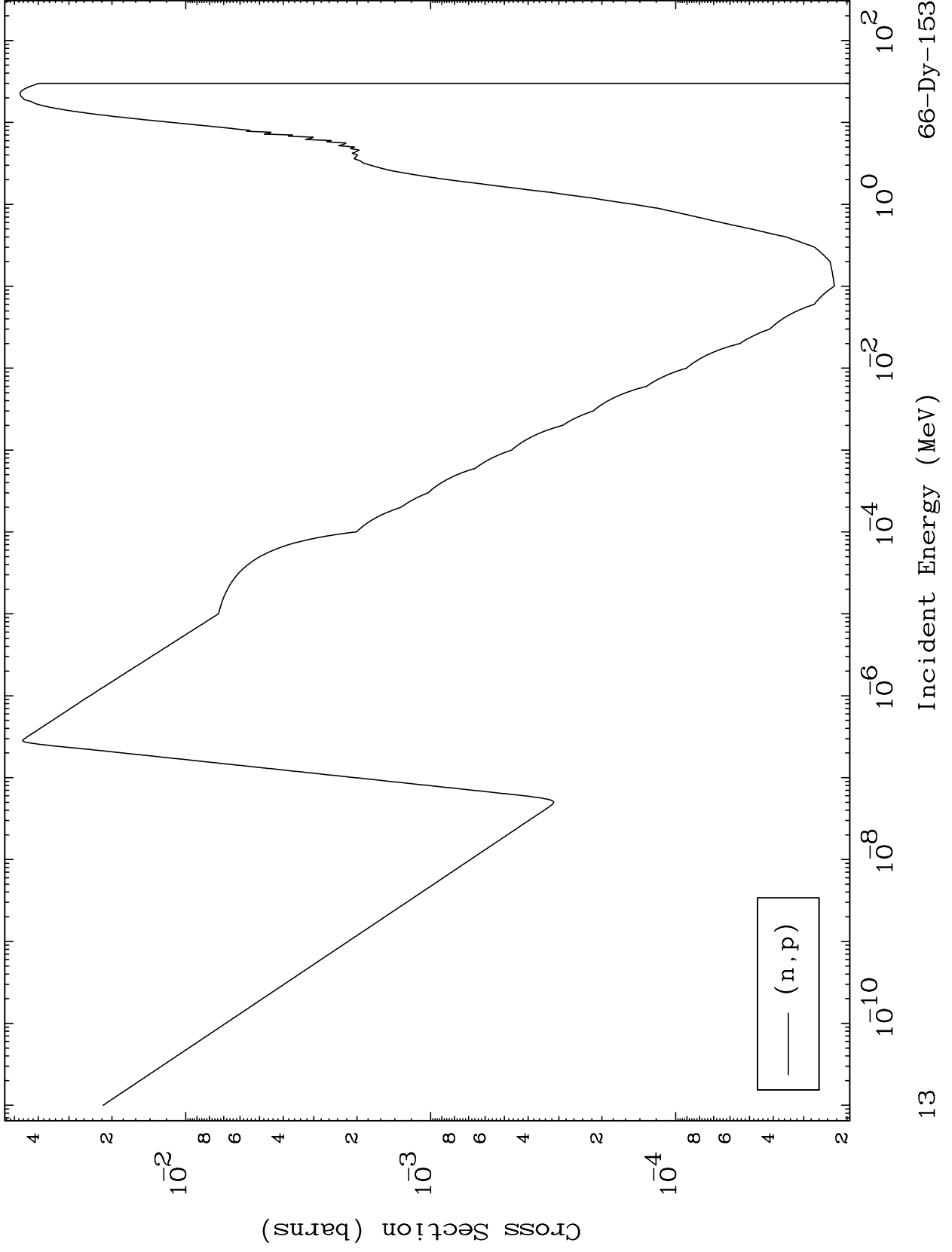
66-Dy-153

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MAT 6616

(n,p) Levels  
293 Kelvin Cross Sections

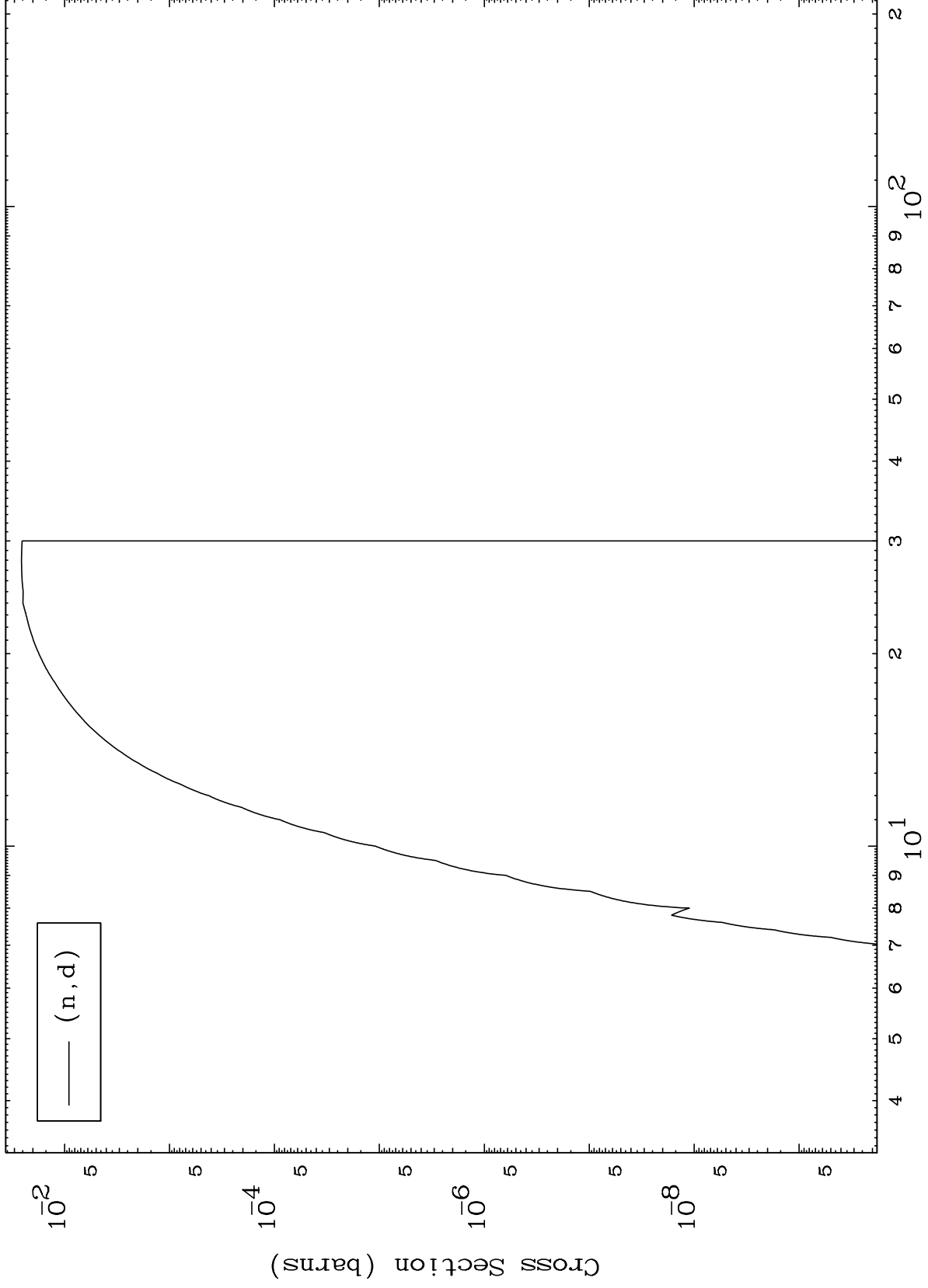
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MAT 6616

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-153



14

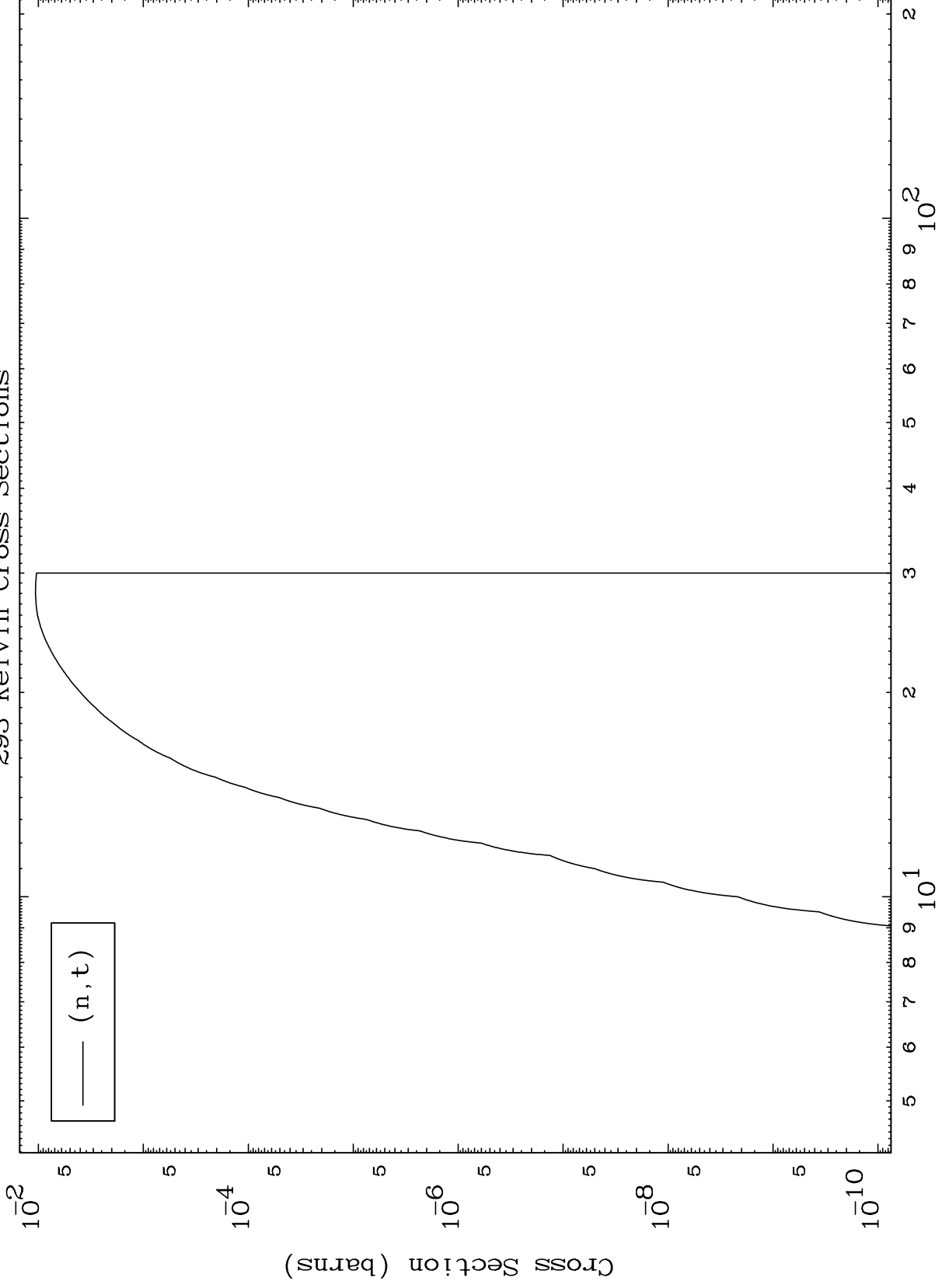
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-153



15

Incident Energy (MeV)

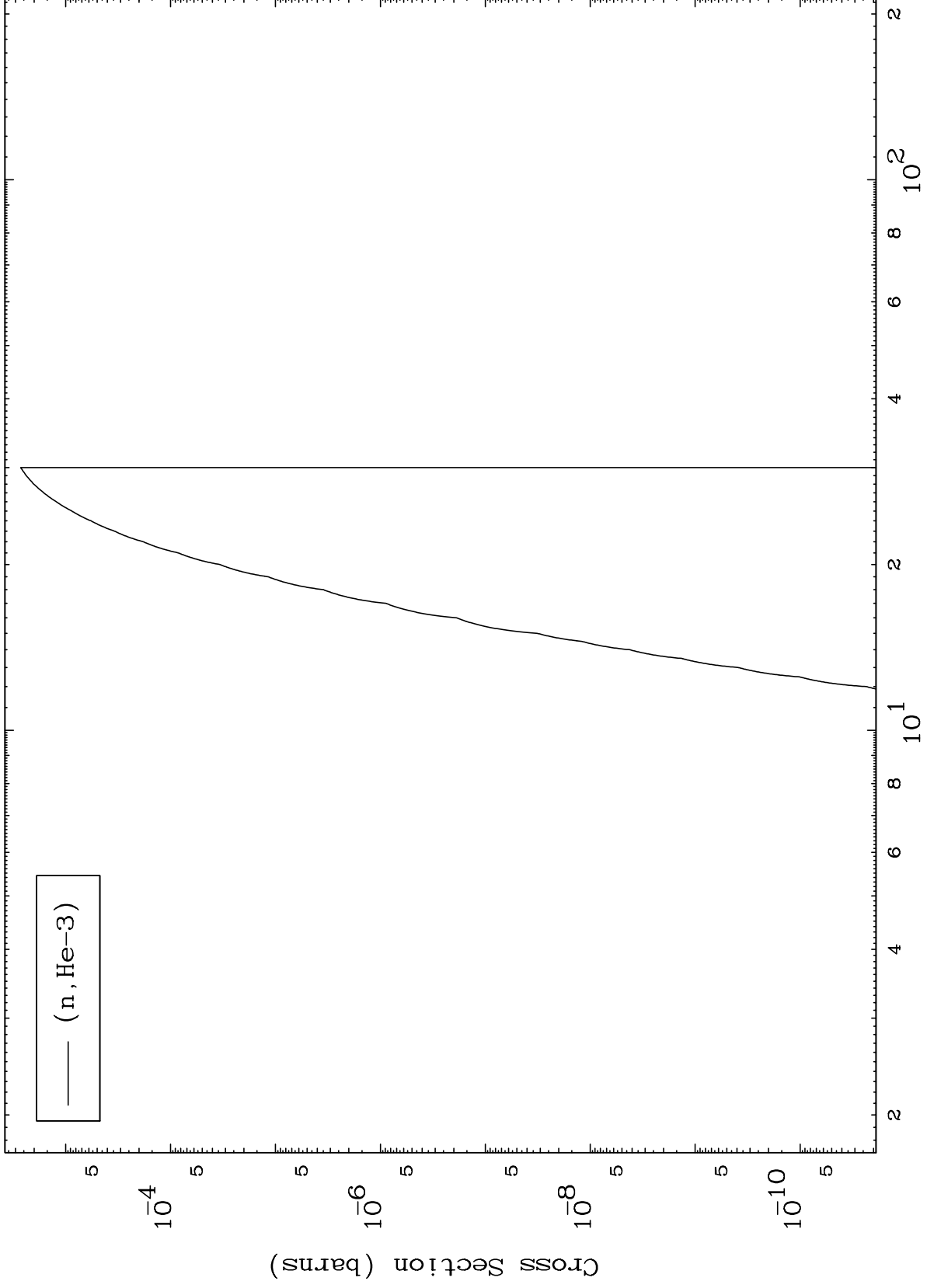
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MAT 6616

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-153



16

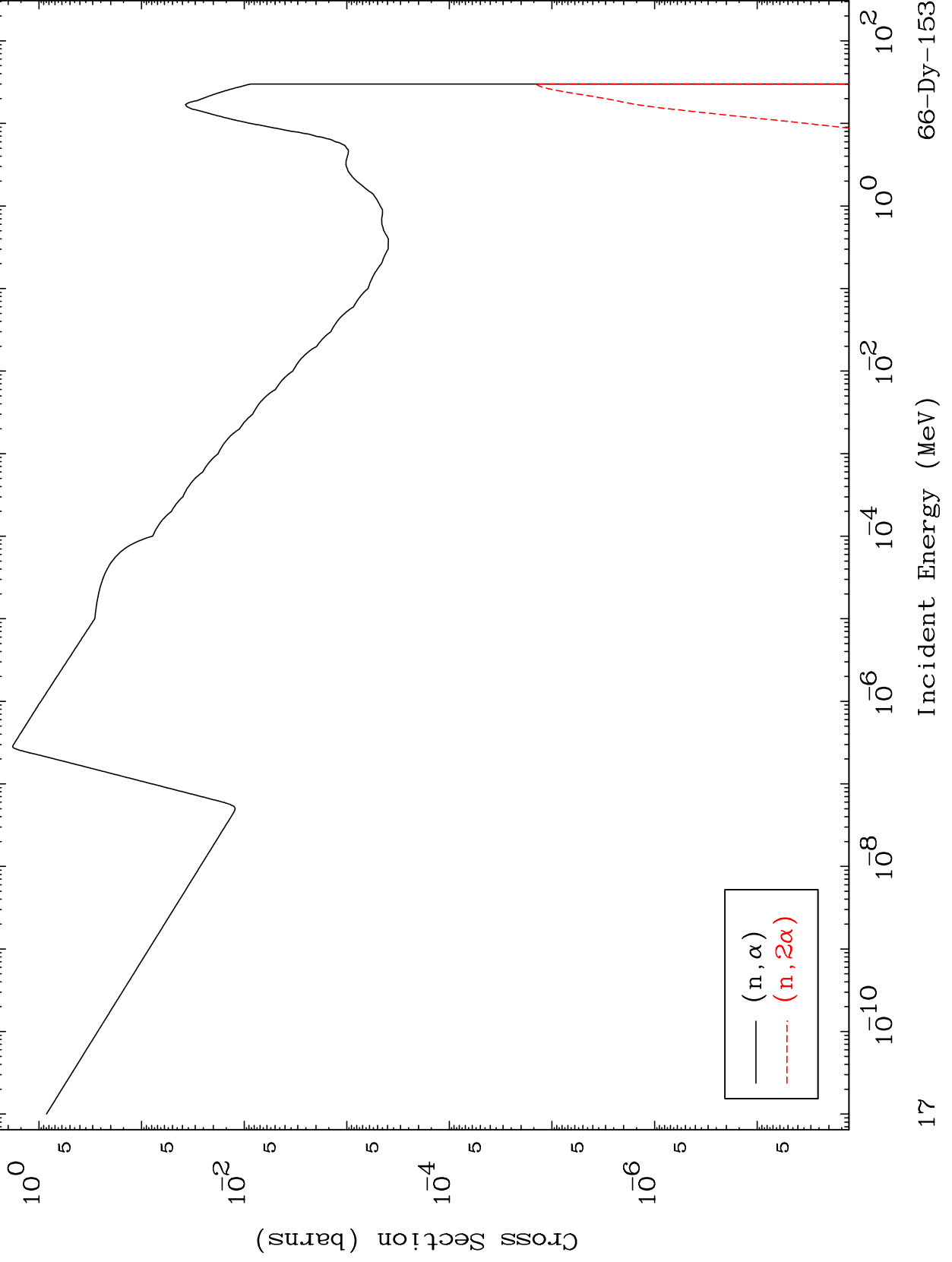
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,α) Levels  
293 Kelvin Cross Sections

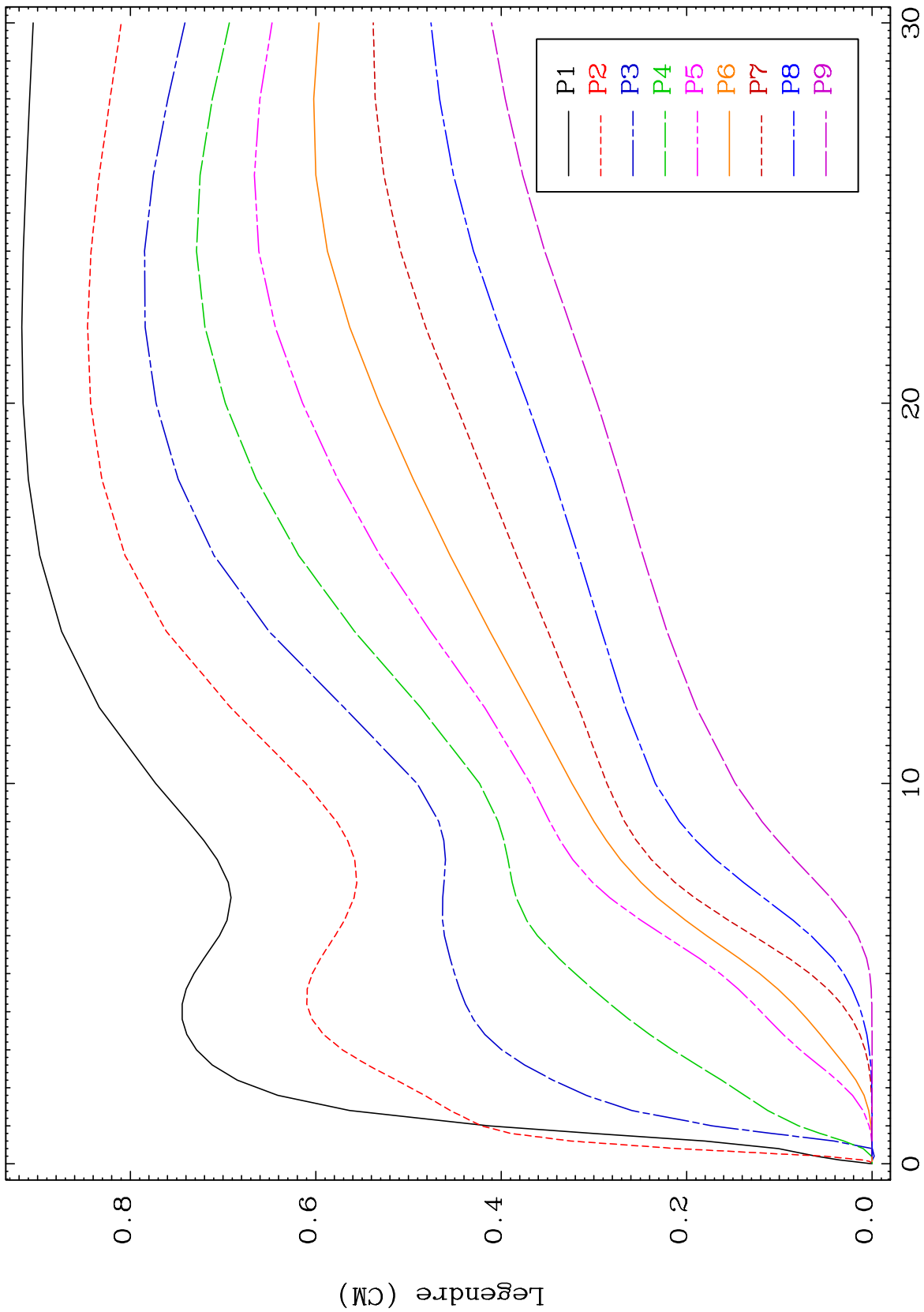
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MAT 6616

Elastic Legendre Coefficients

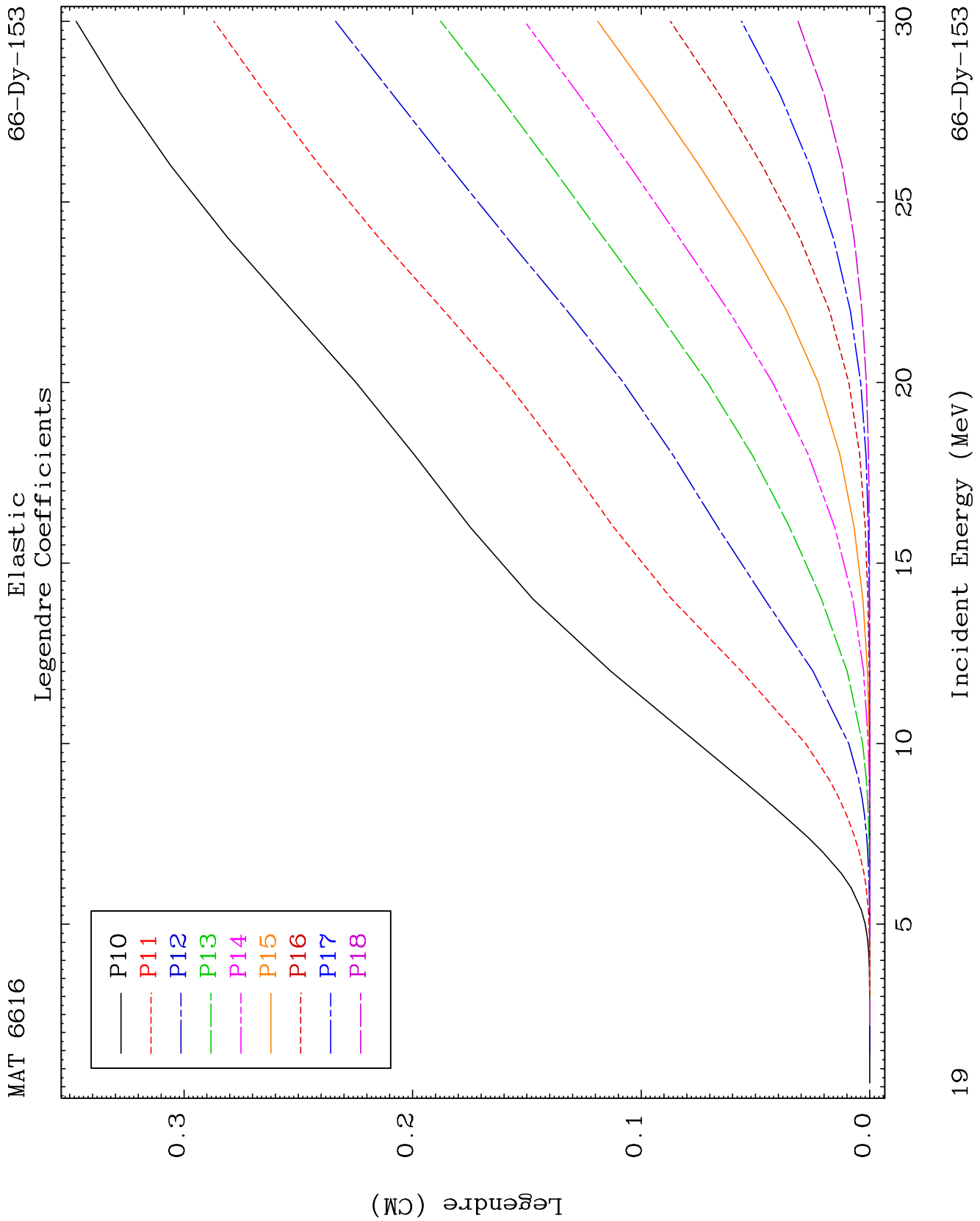
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Incident Energy (MeV)

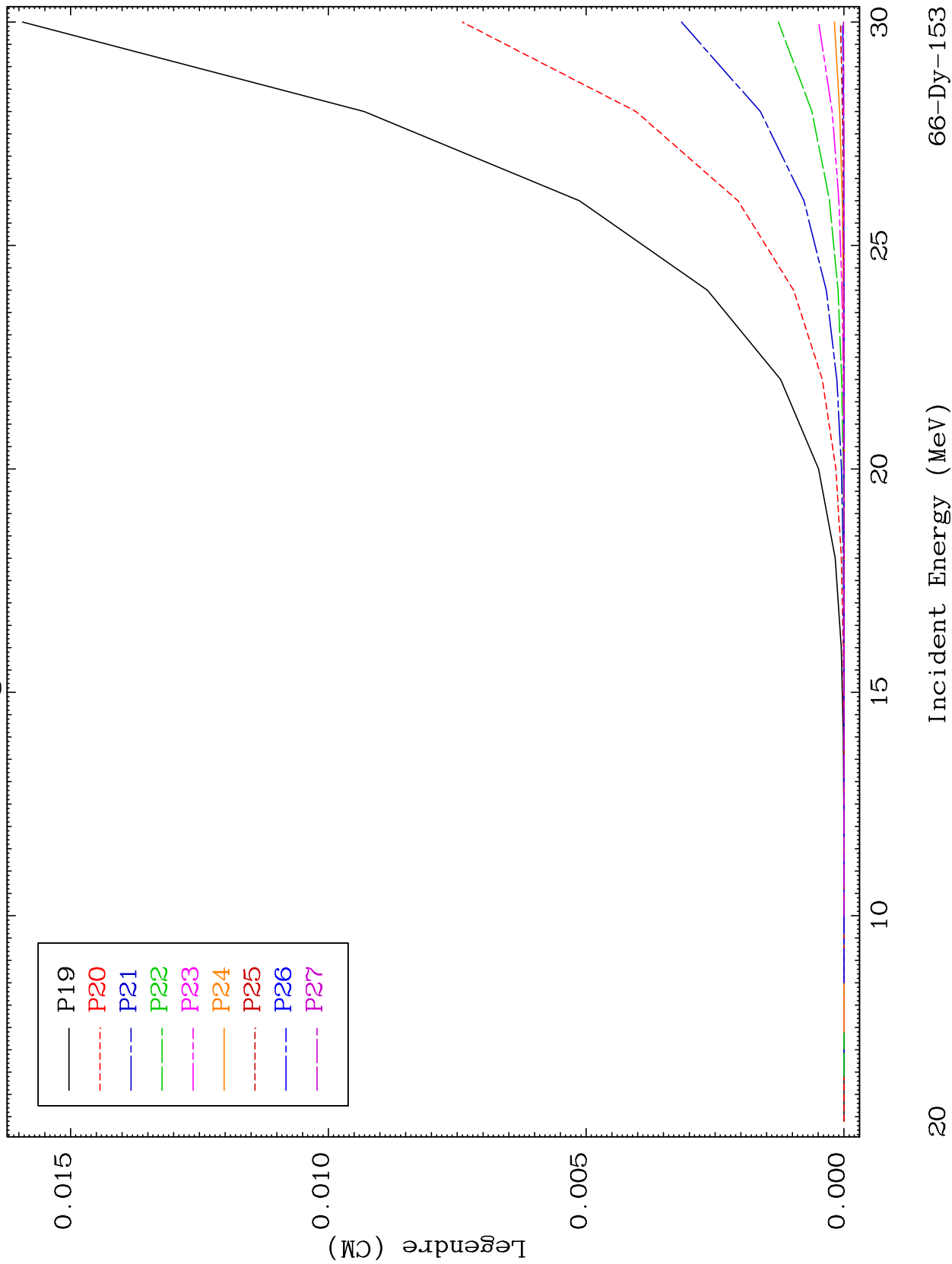
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MAT 6616

### Elastic Legendre Coefficients

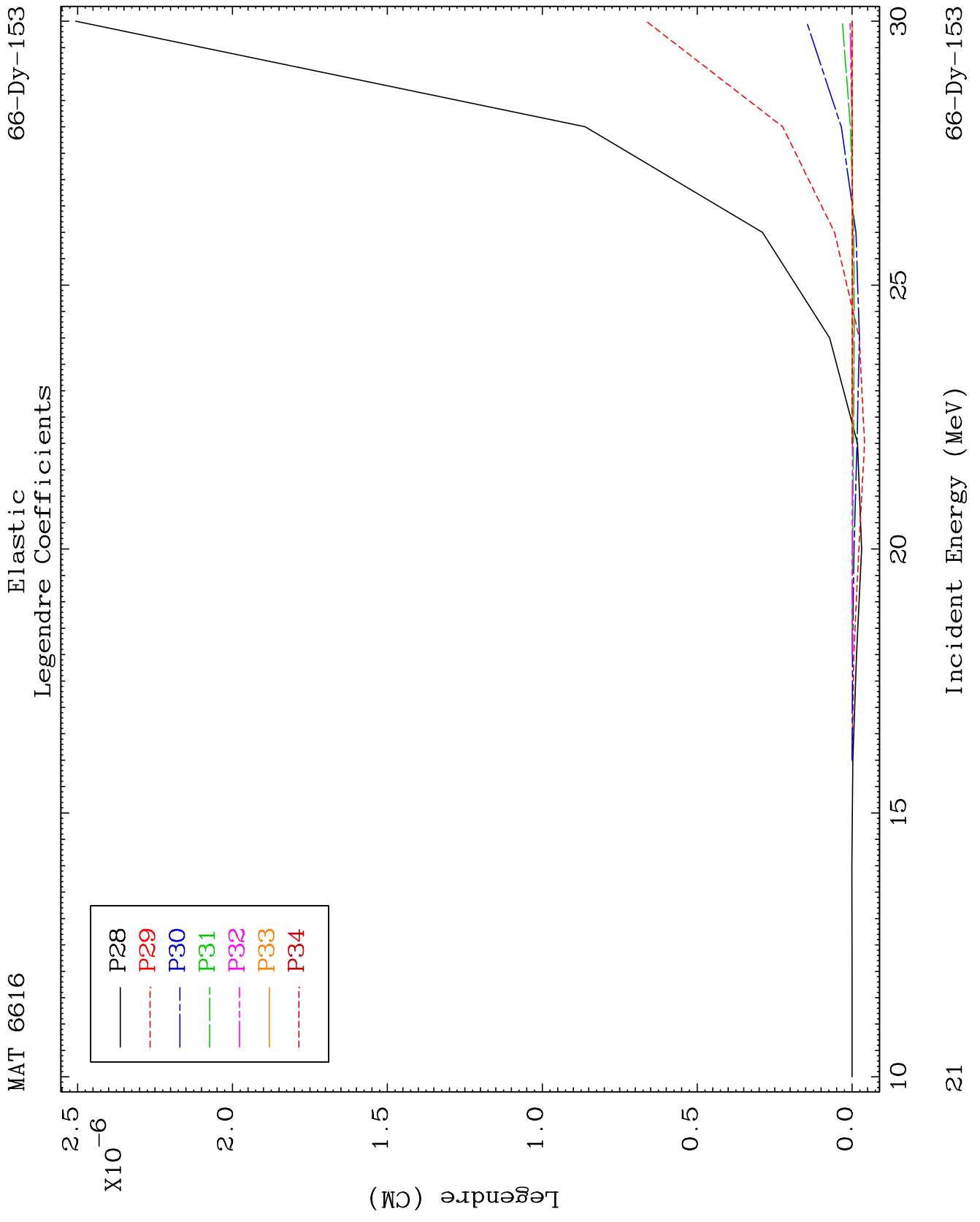
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Incident Energy (MeV)

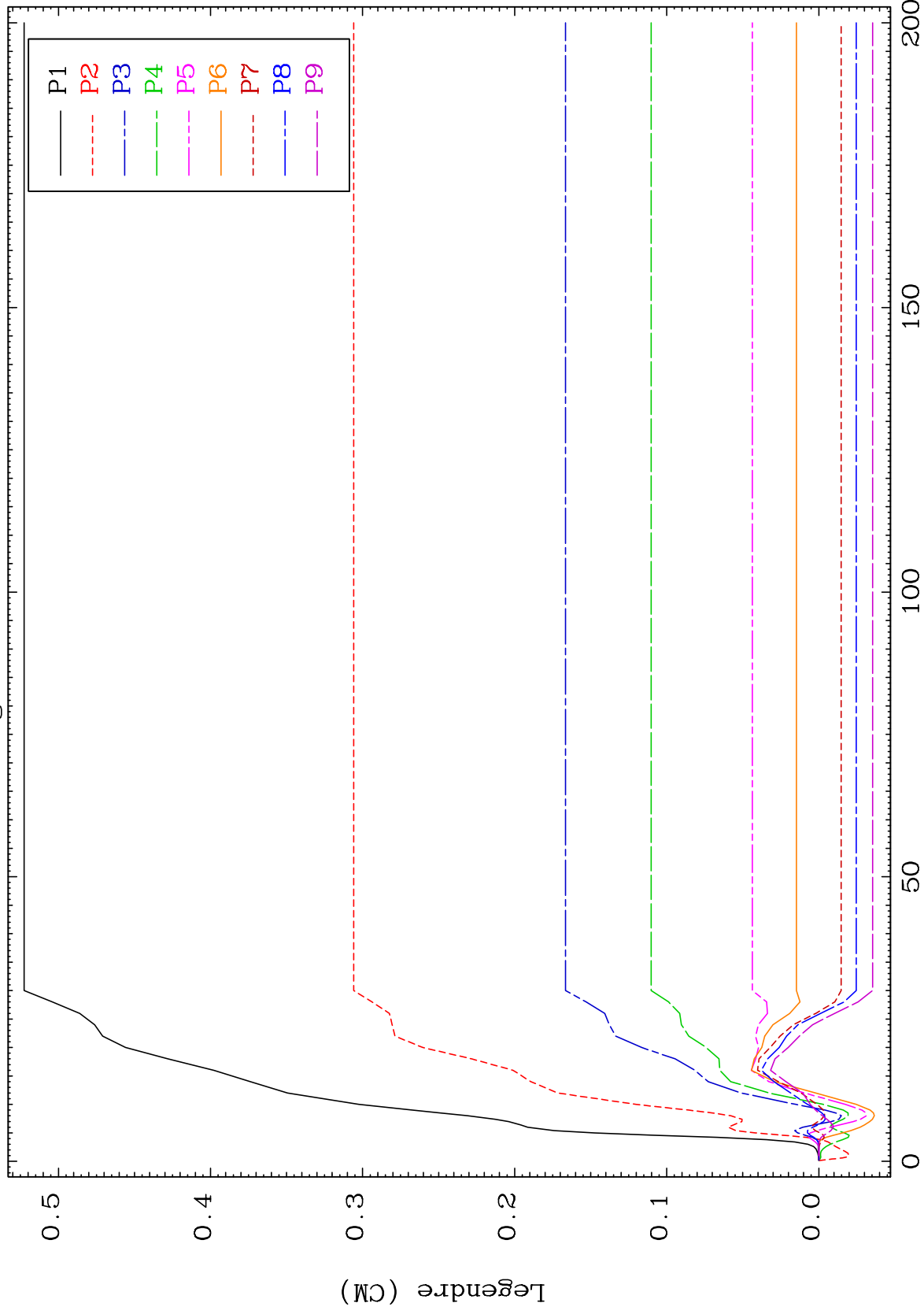
66-Dy-153



MAT 6616

MT= 51 (n,n') Level  
Legendre Coefficients

66-Dy-153



22

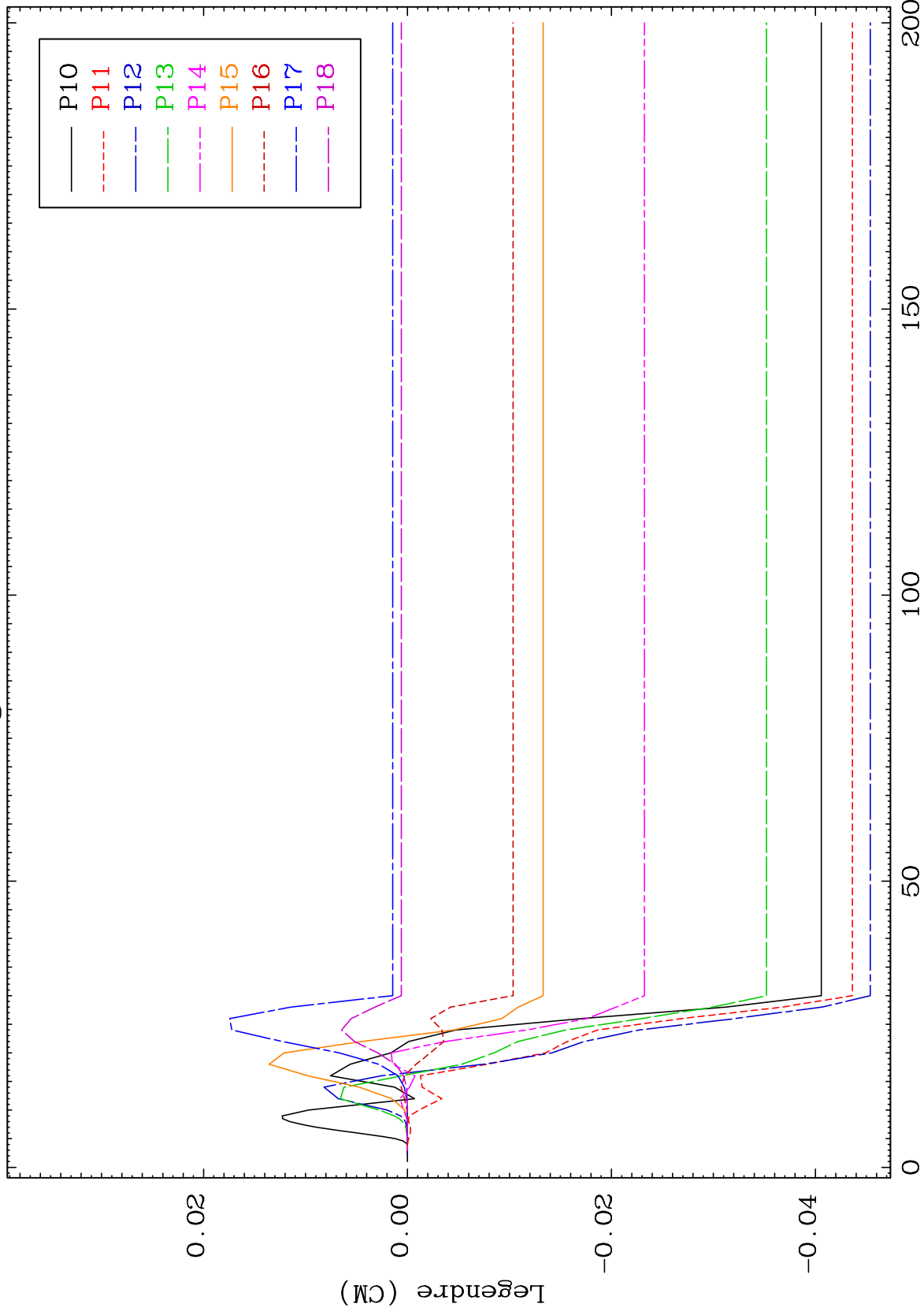
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 51 (n,n') Level  
Legendre Coefficients

66-Dy-153

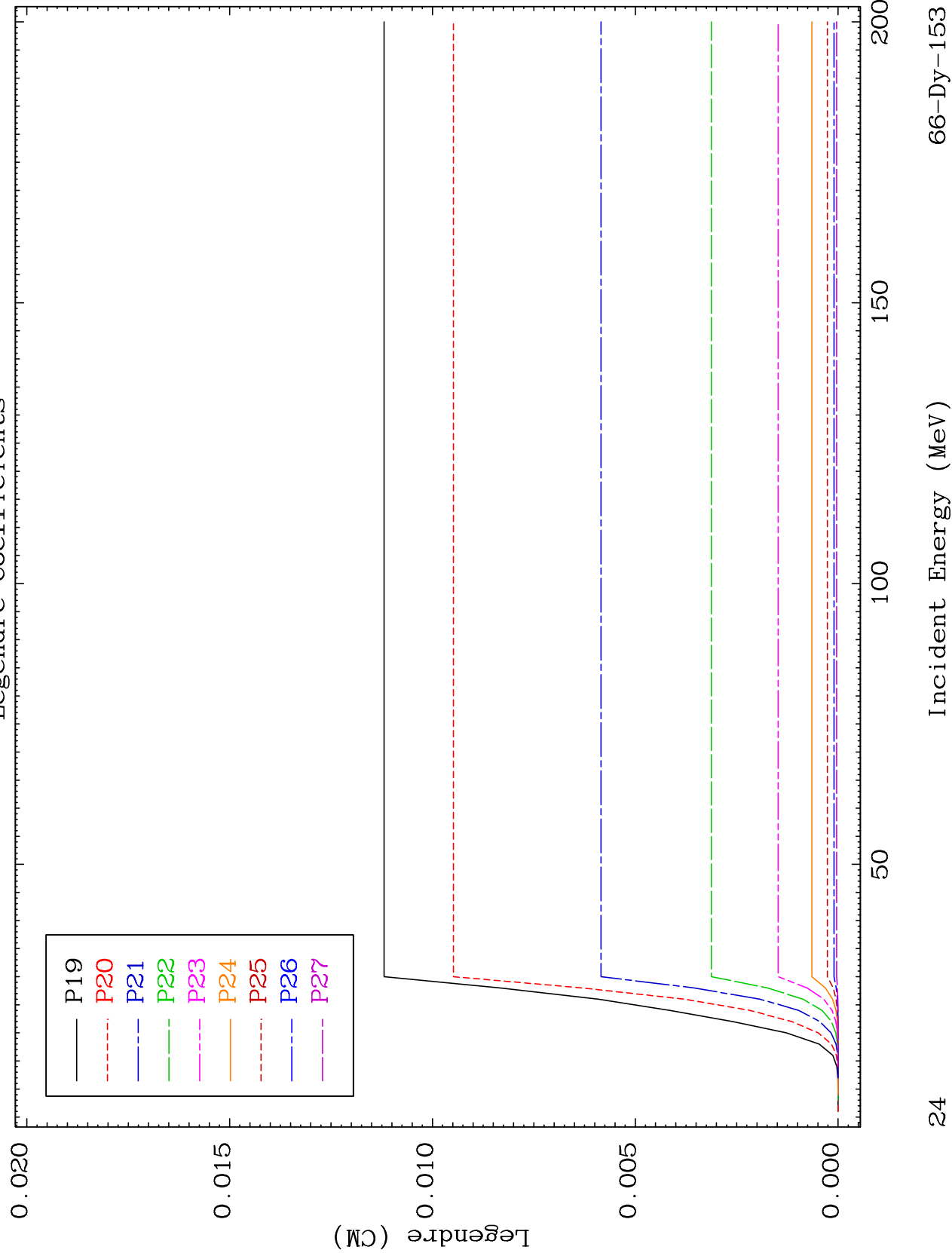


23

Incident Energy (MeV)

66-Dy-153

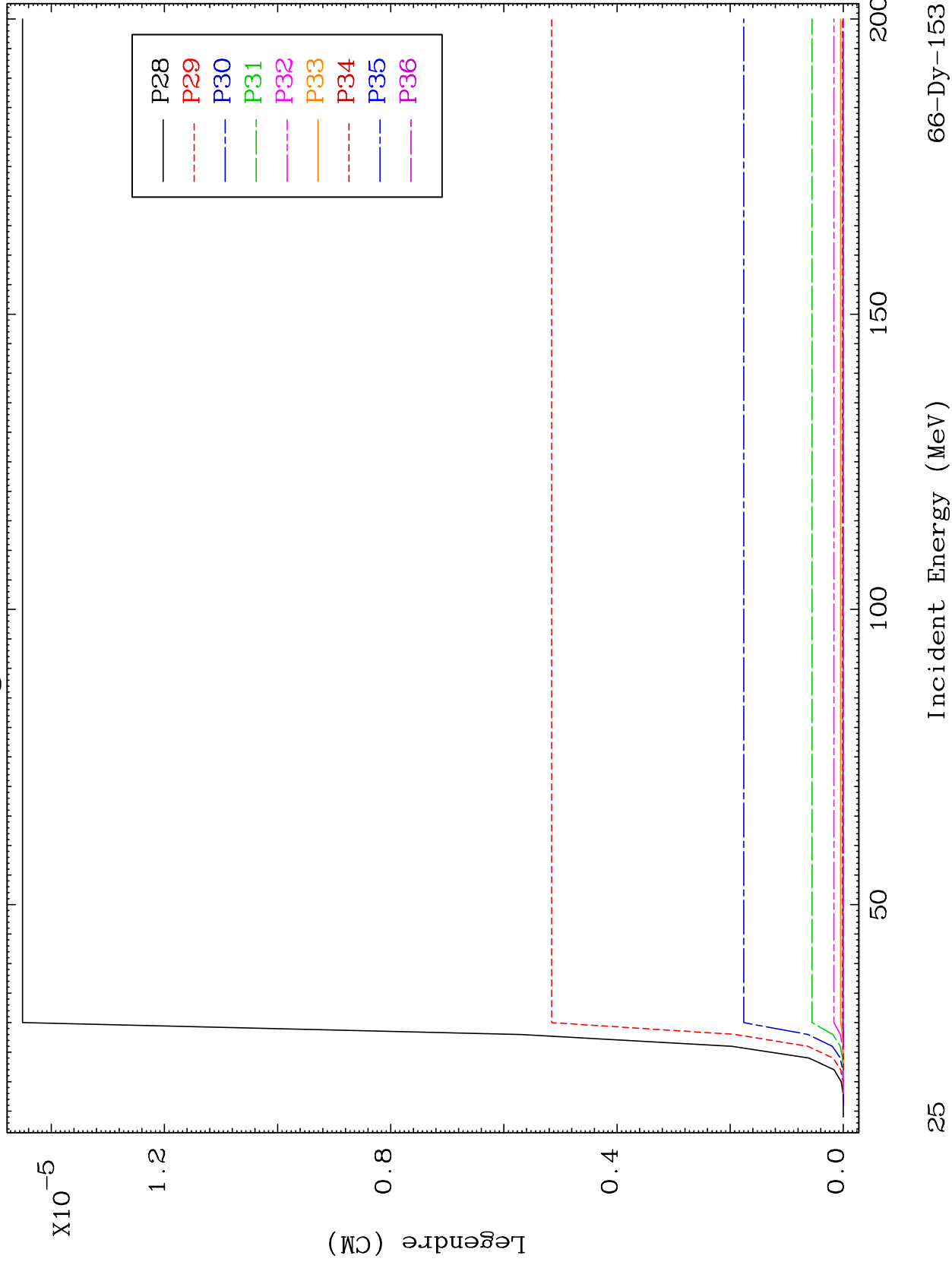




MAT 6616

MT= 51 (n,n') Level  
Legendre Coefficients

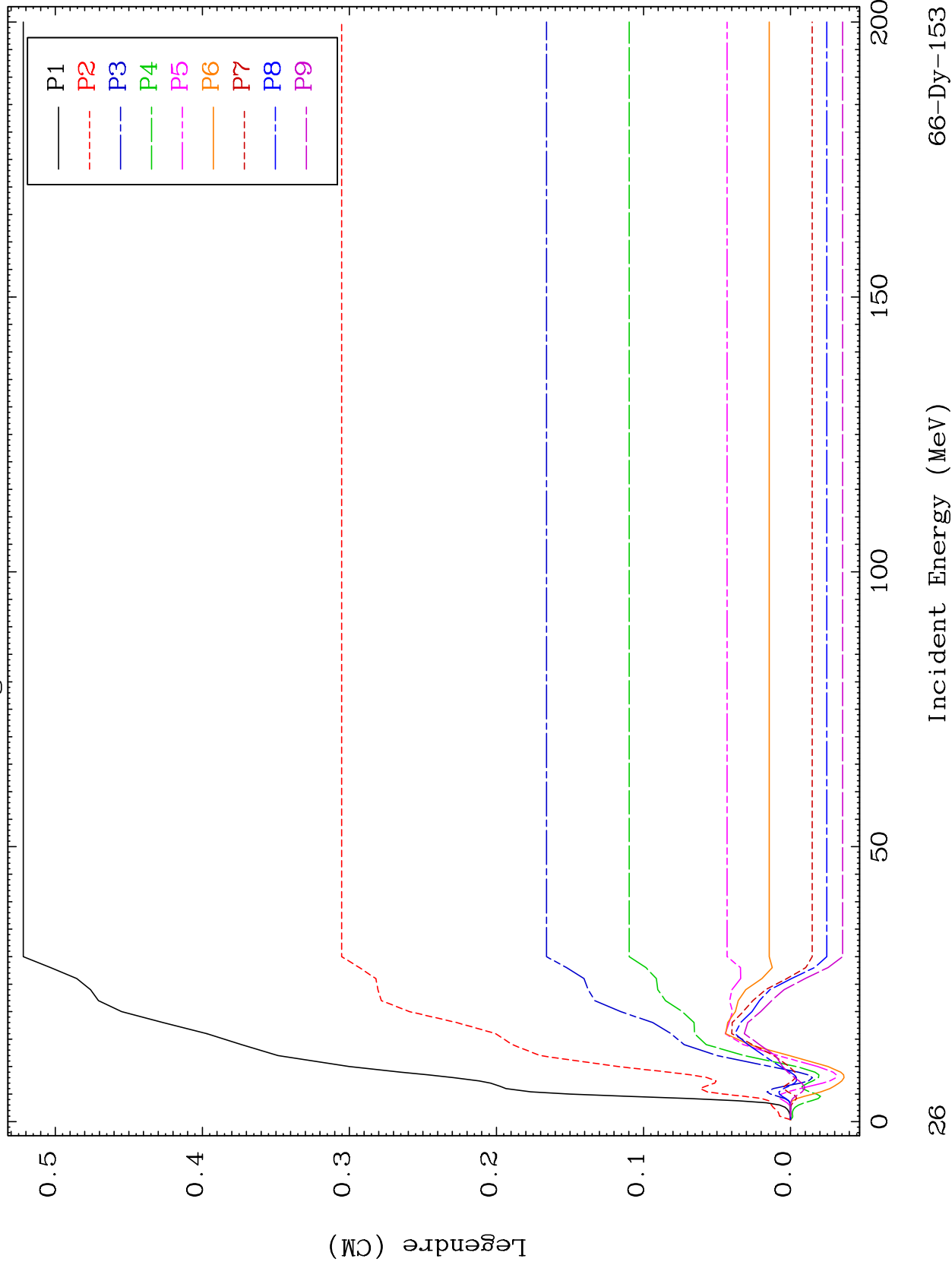
66-Dy-153



MAT 6616

MT= 52 (n,n') Level  
Legendre Coefficients

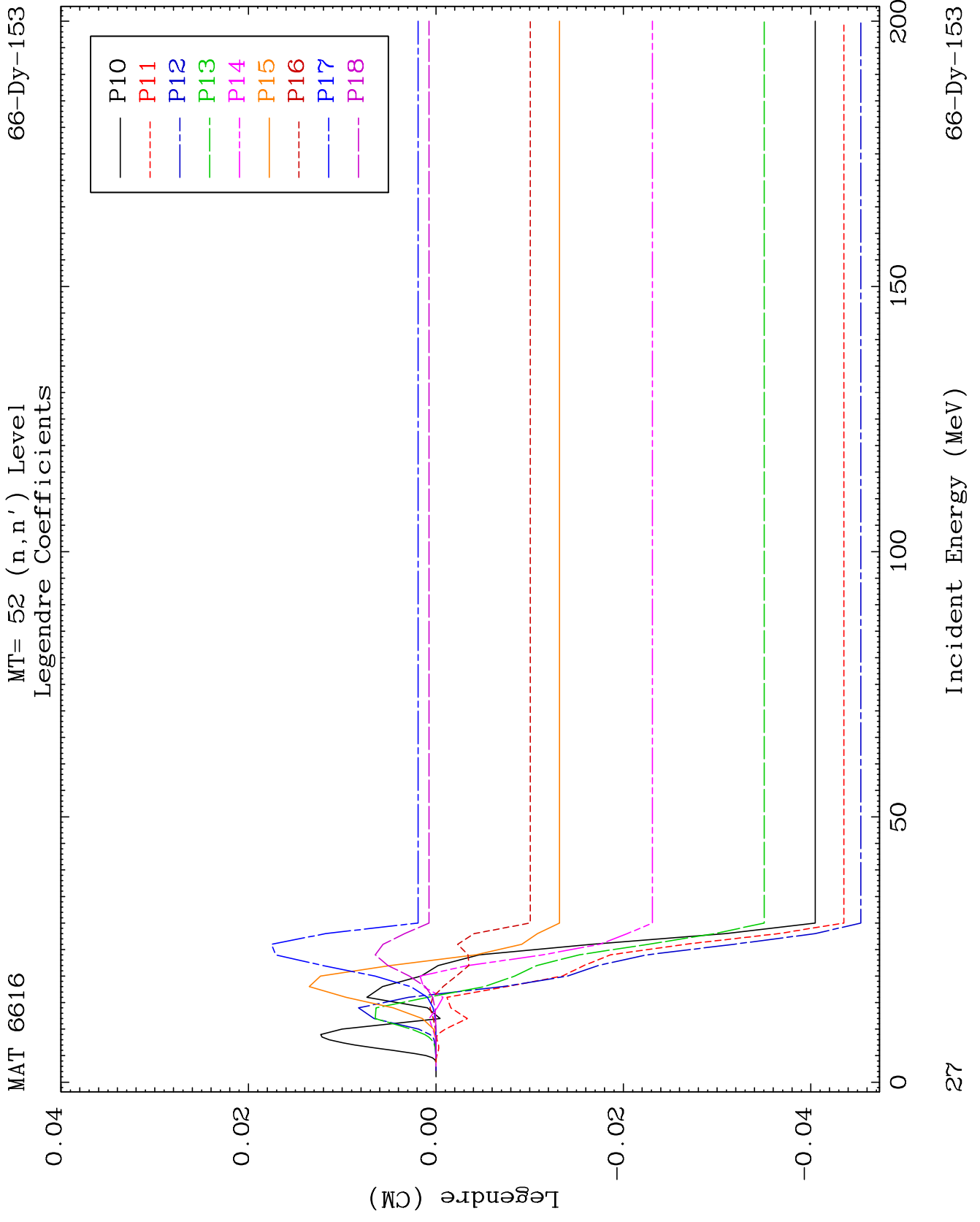
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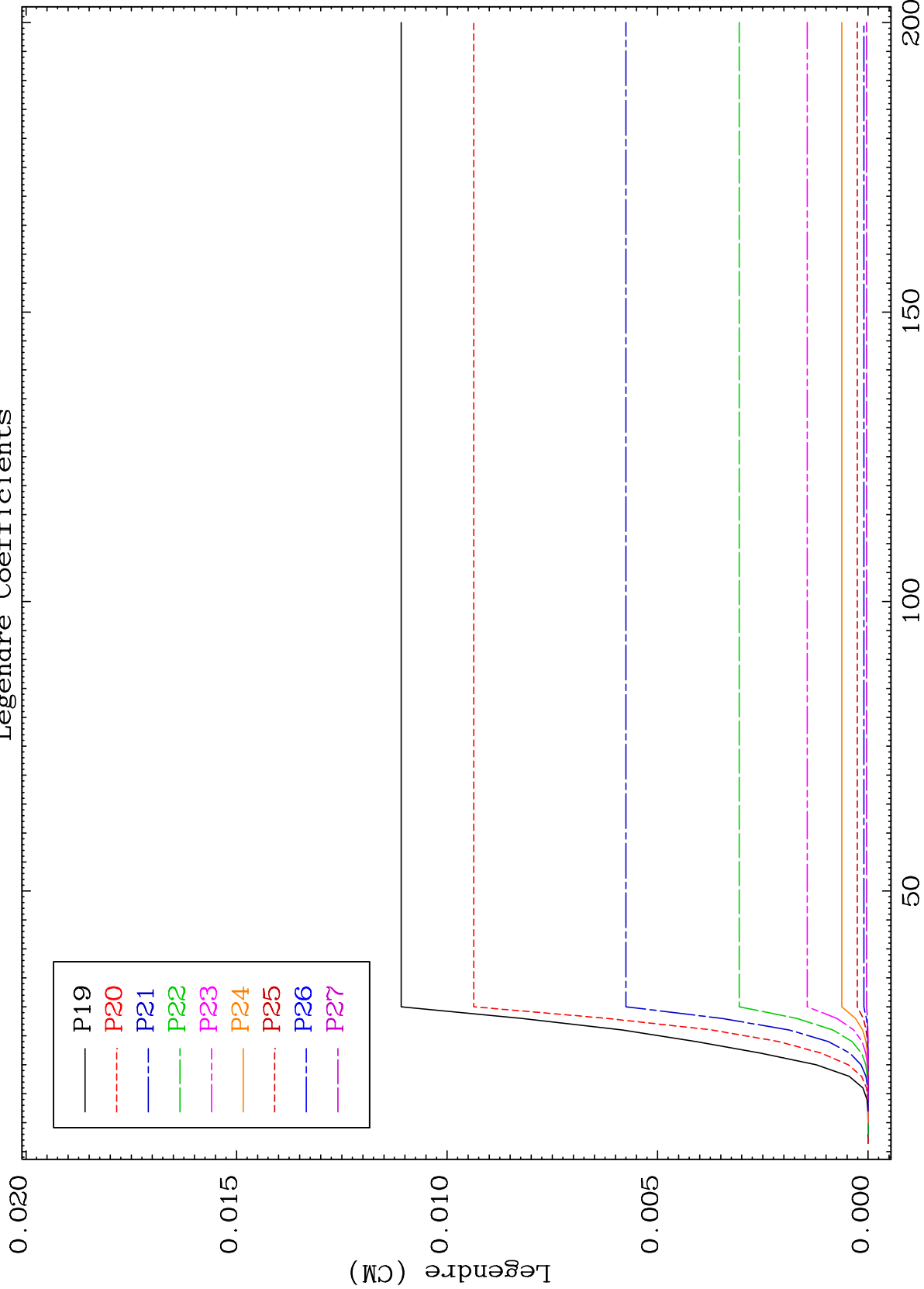


26

Incident Energy (MeV)

66-Dy-153

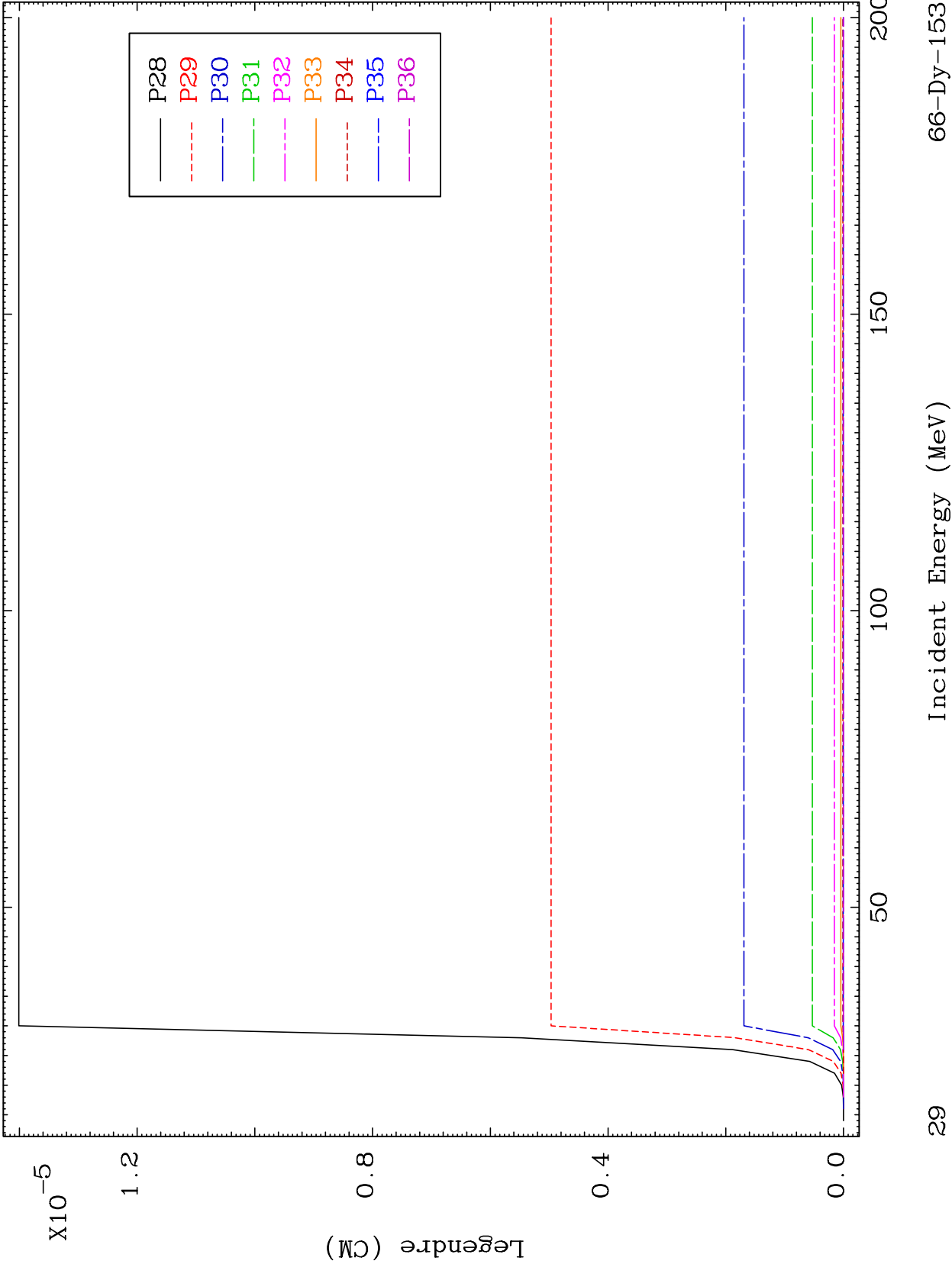




MAT 6616

MT= 52 (n,n') Level  
Legendre Coefficients

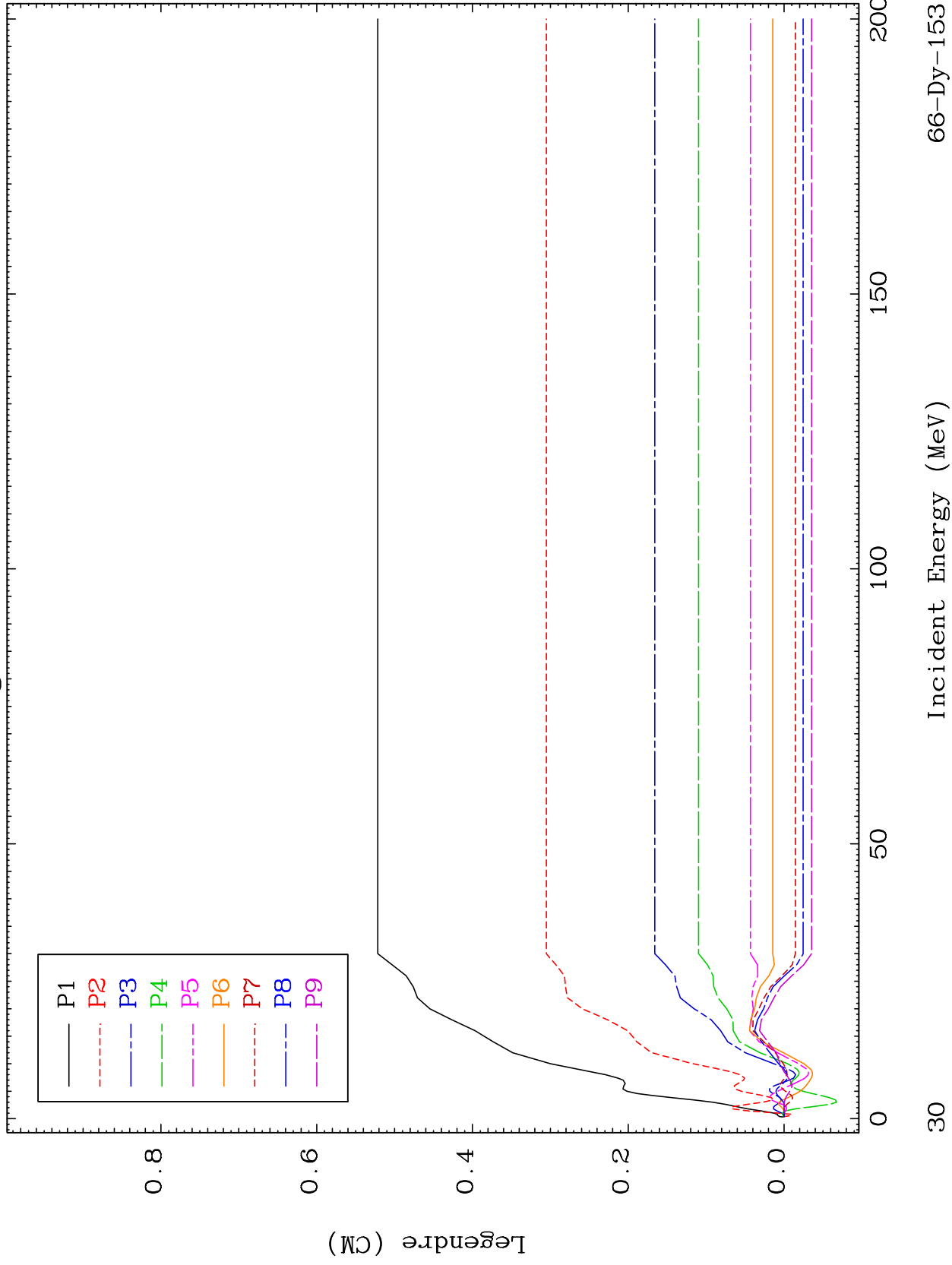
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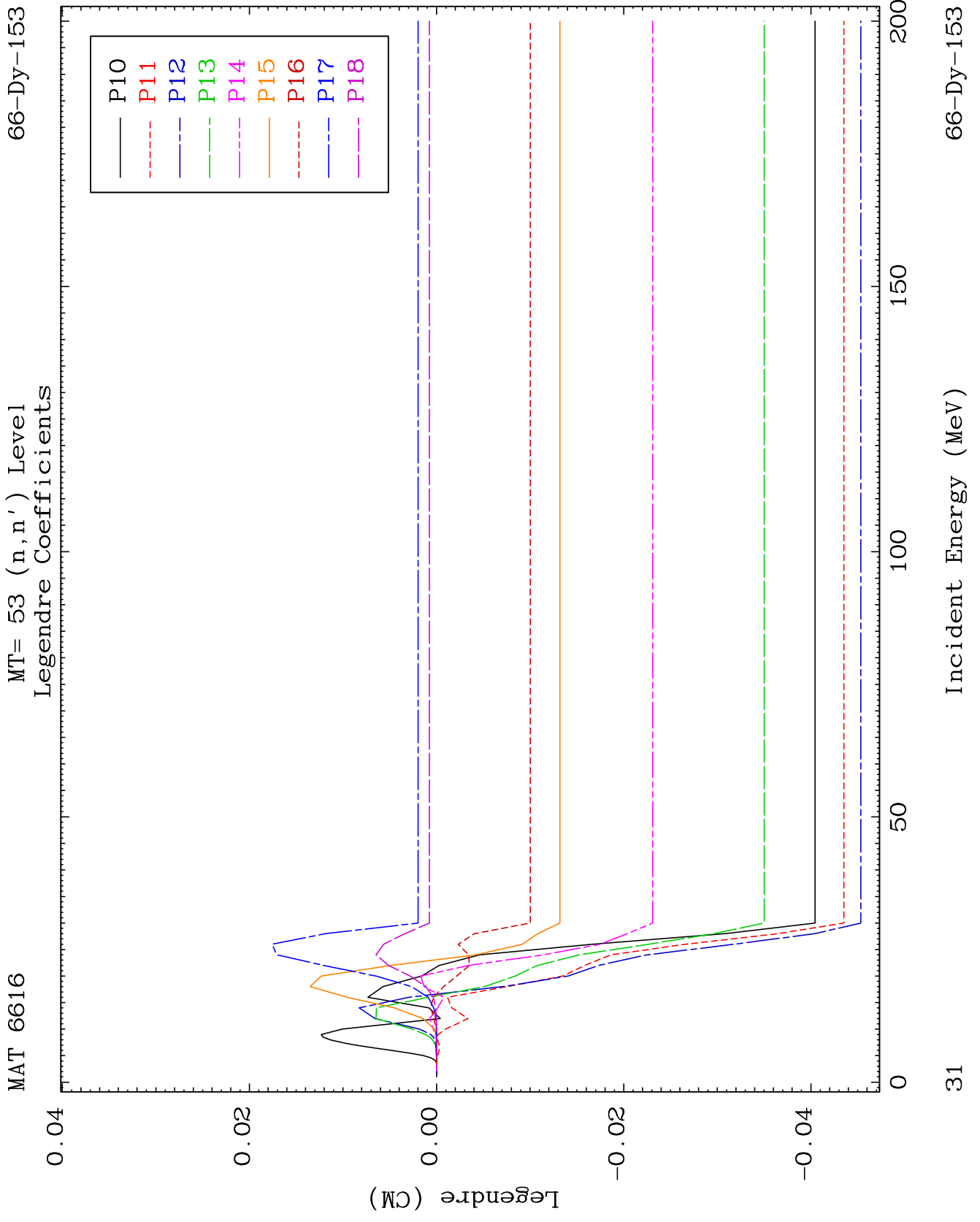
MAT 6616

MT= 53 (n,n') Level  
Legendre Coefficients

66-Dy-153



66-Dy-153

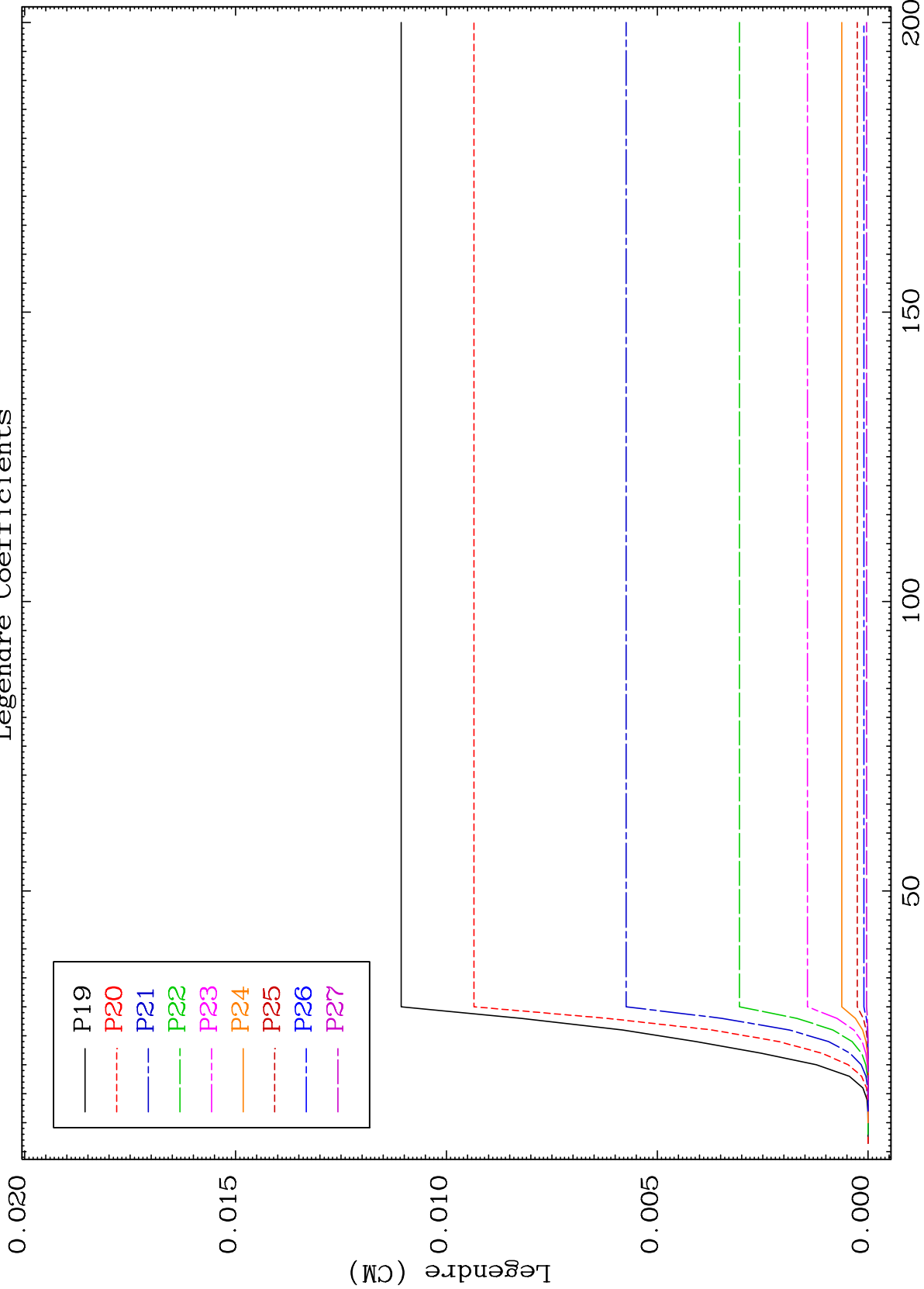




MAT 6616

MT= 53 (n,n') Level  
Legendre Coefficients

66-Dy-153



32

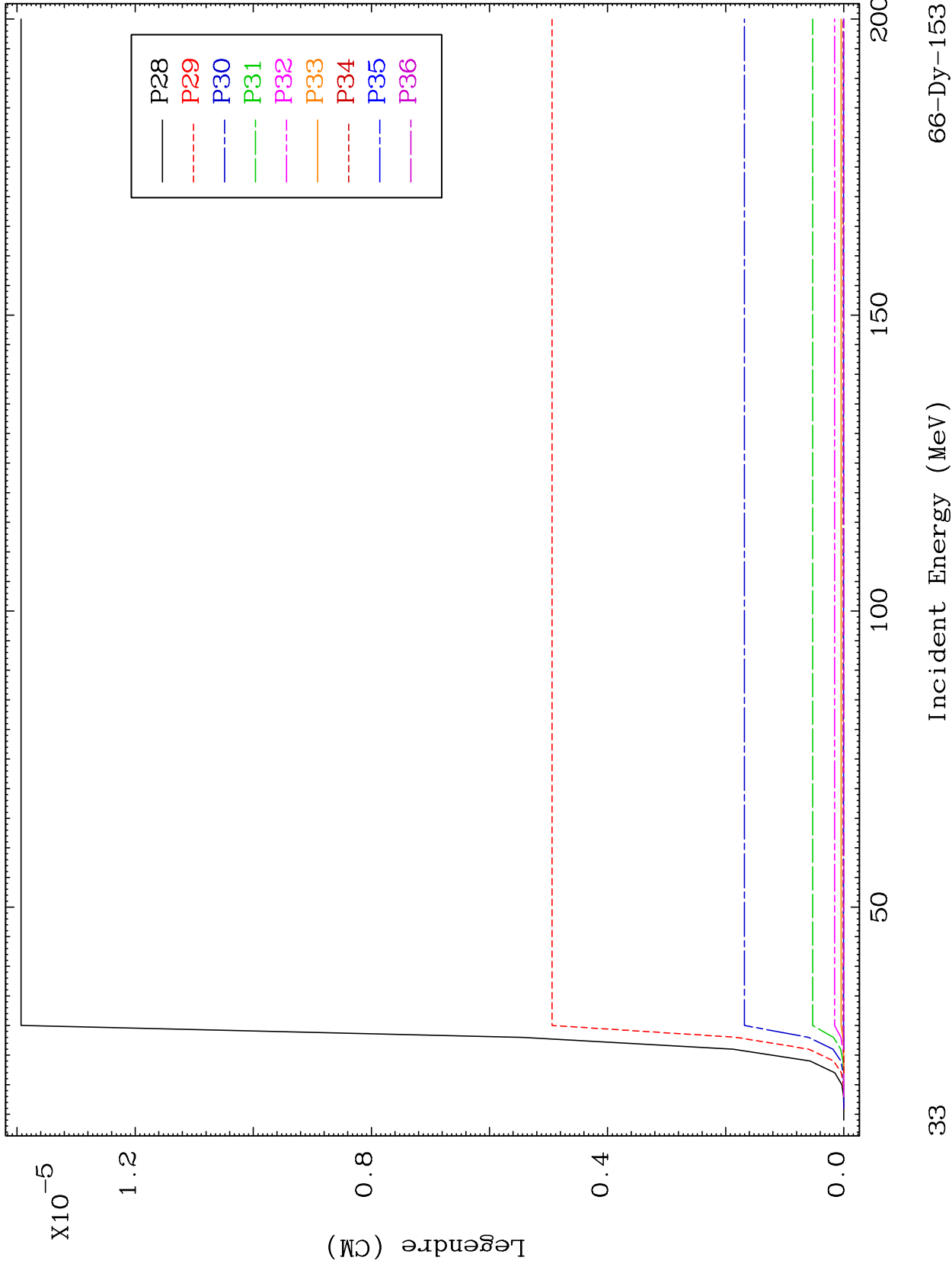
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 53 (n,n') Level  
Legendre Coefficients

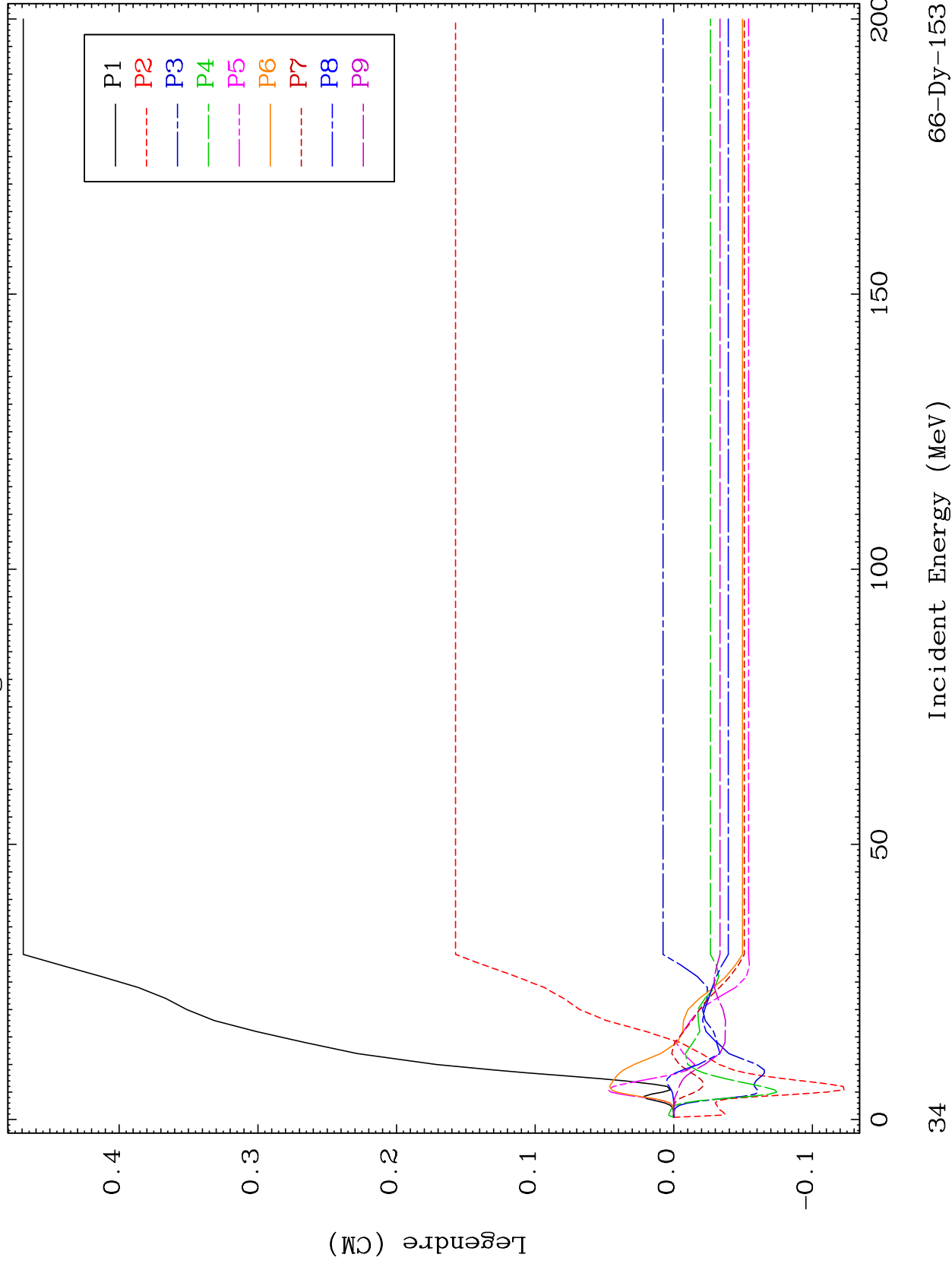
66-Dy-153



MAT 6616

MT= 54 (n,n') Level  
Legendre Coefficients

66-Dy-153



66-Dy-153

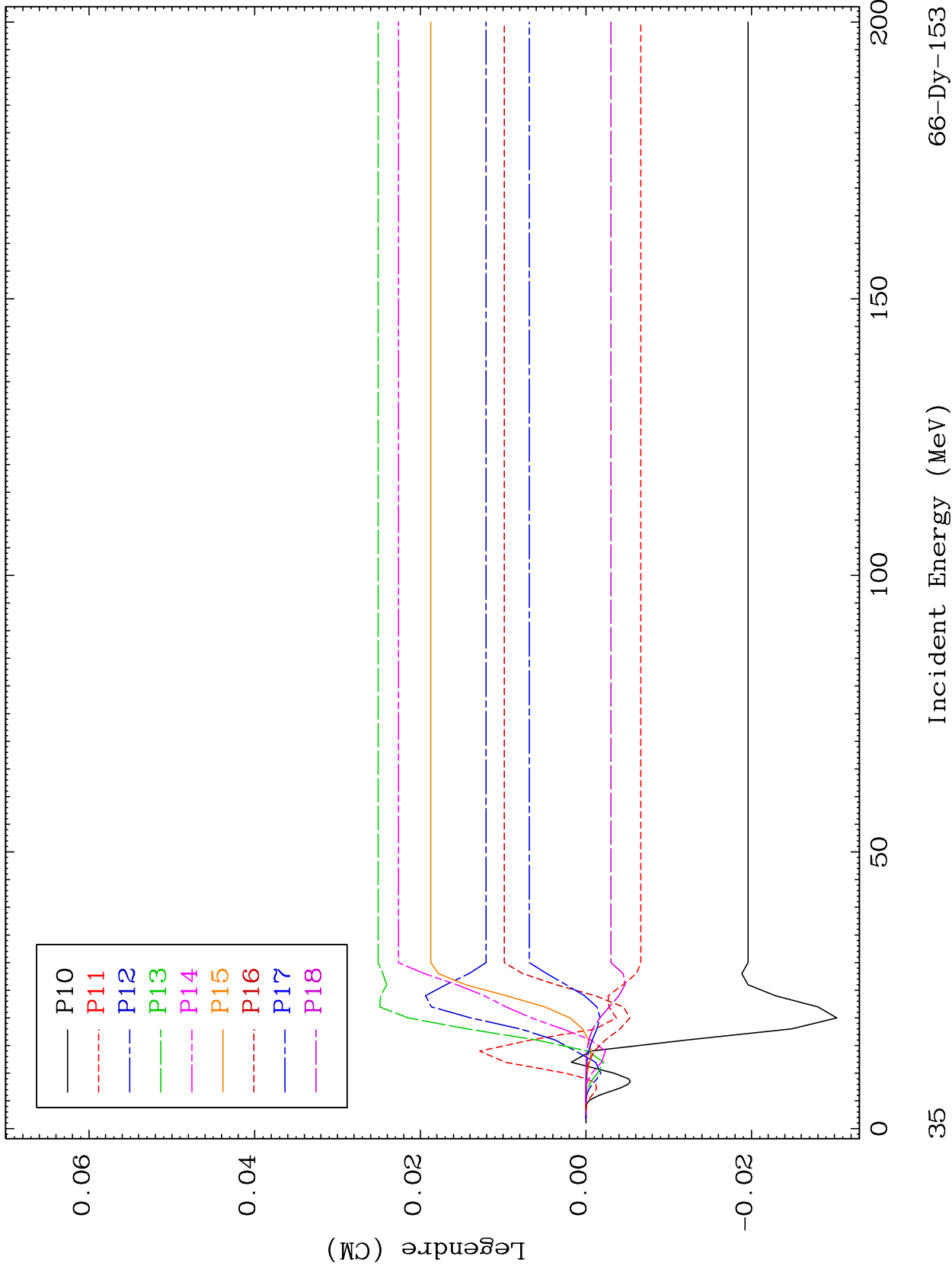
Incident Energy (MeV)

34

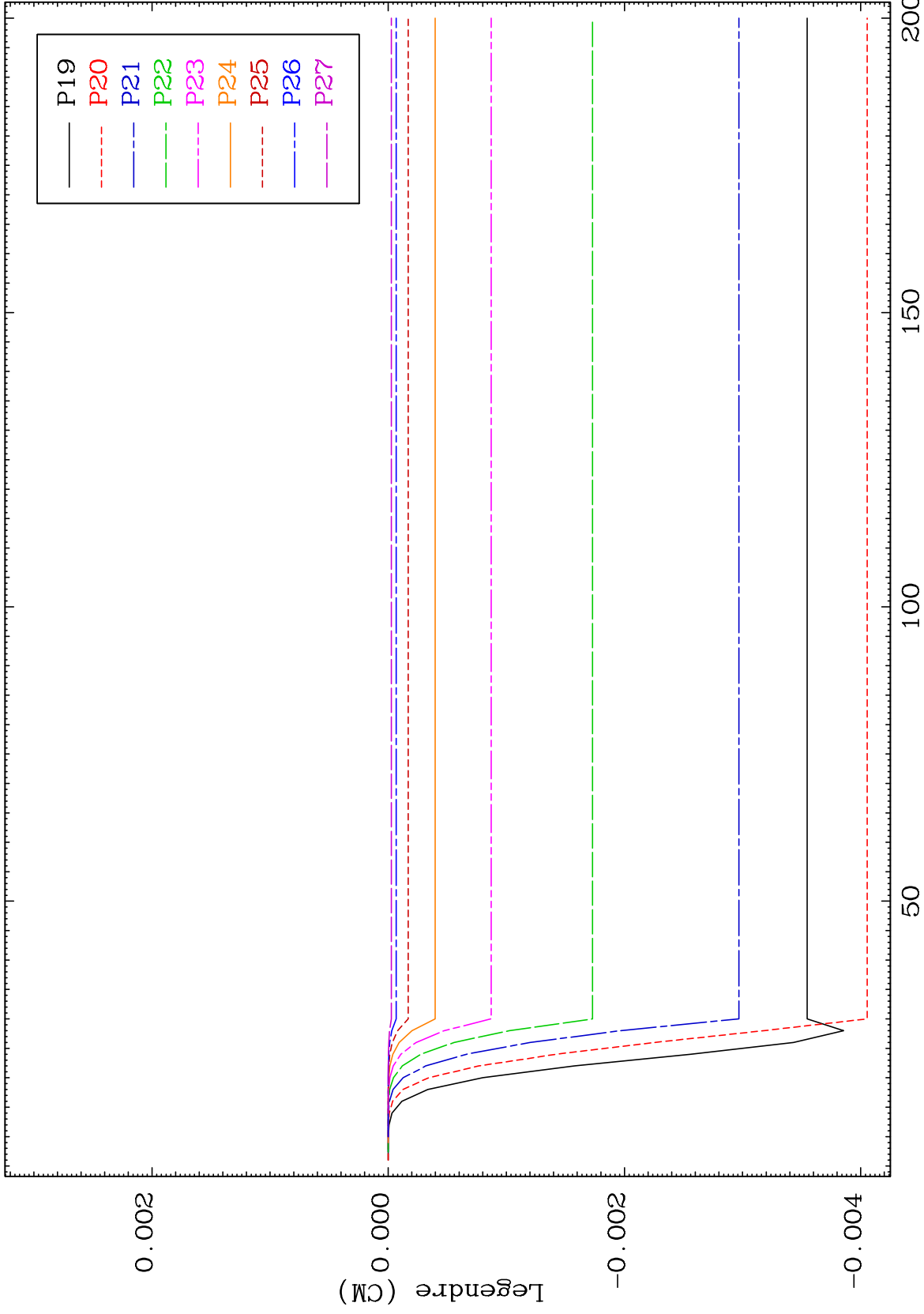
MAT 6616

MT= 54 (n,n') Level  
Legendre Coefficients

66-Dy-153



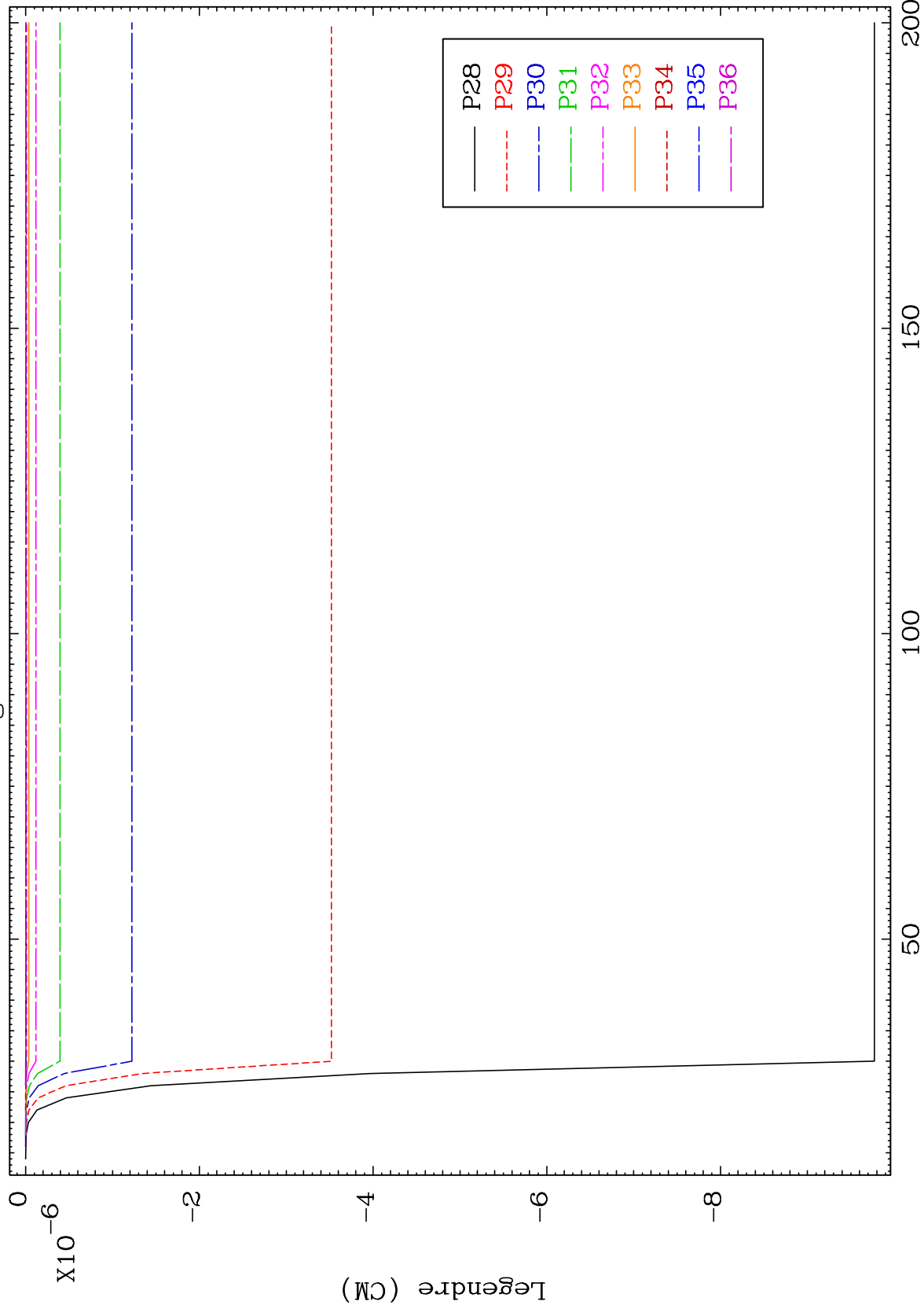
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MAT 6616

MT= 54 (n,n') Level  
Legendre Coefficients

66-Dy-153



37

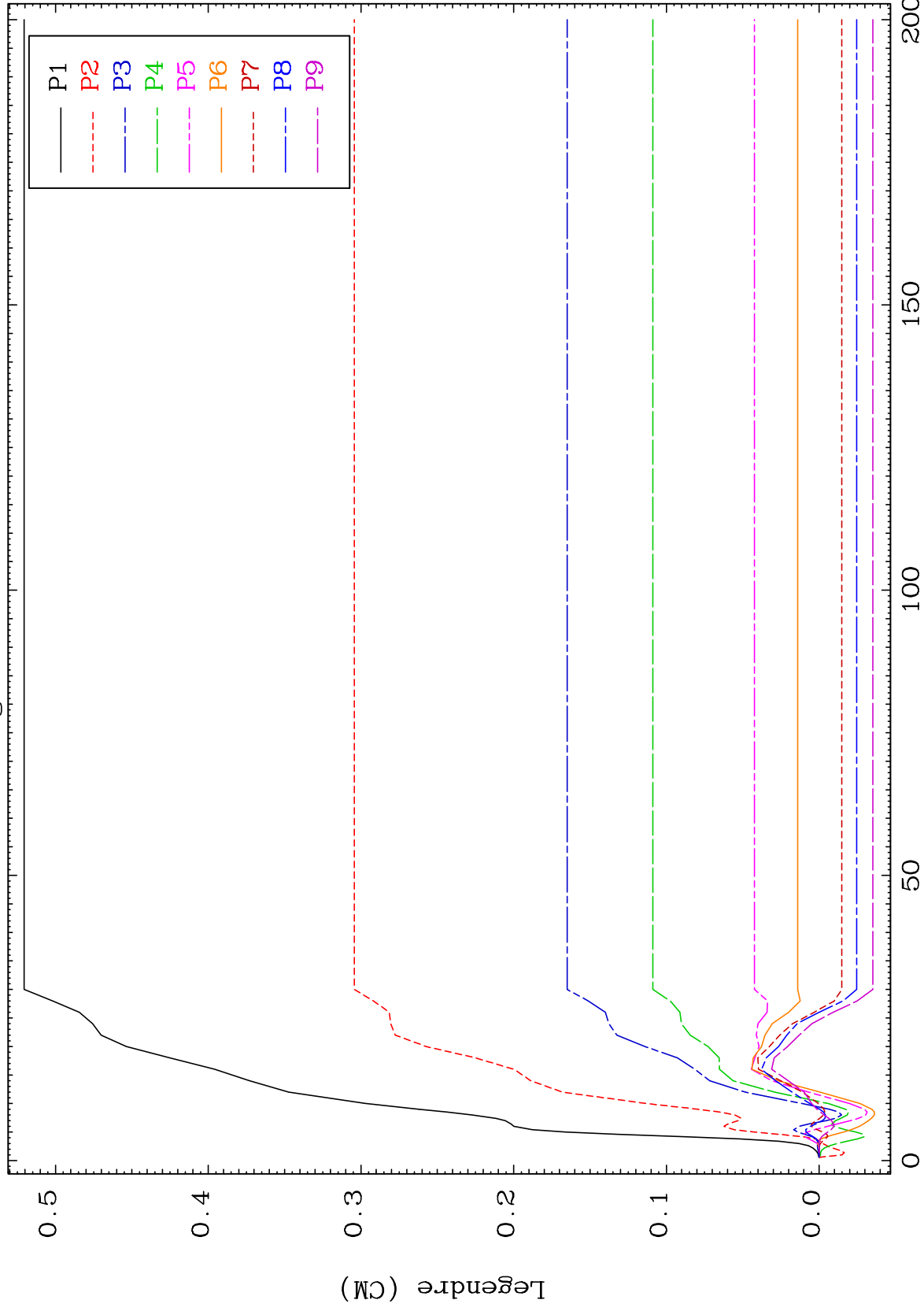
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 55 (n,n') Level  
Legendre Coefficients

66-Dy-153



38

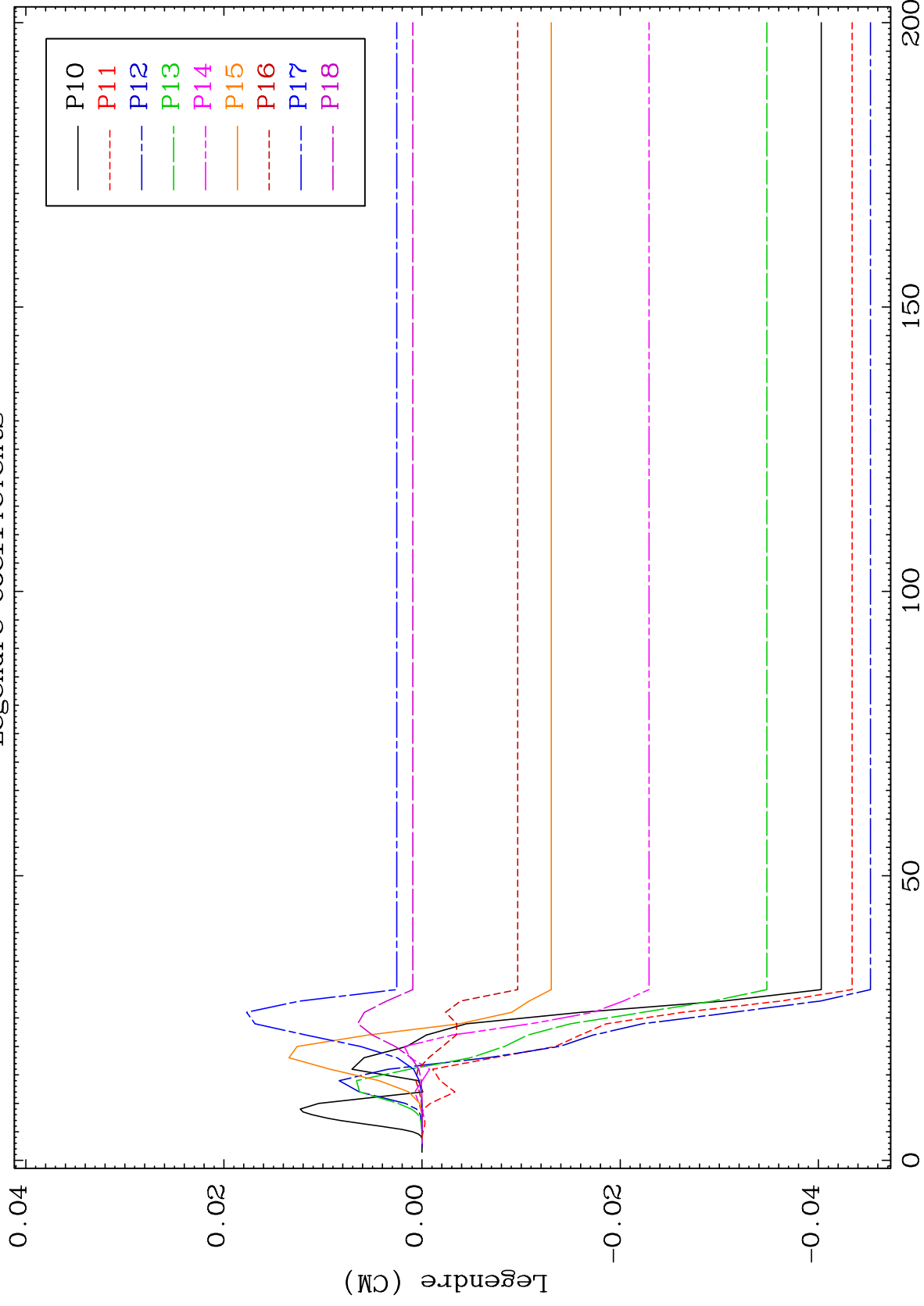
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 55 (n,n') Level  
Legendre Coefficients

66-Dy-153



39

Incident Energy (MeV)

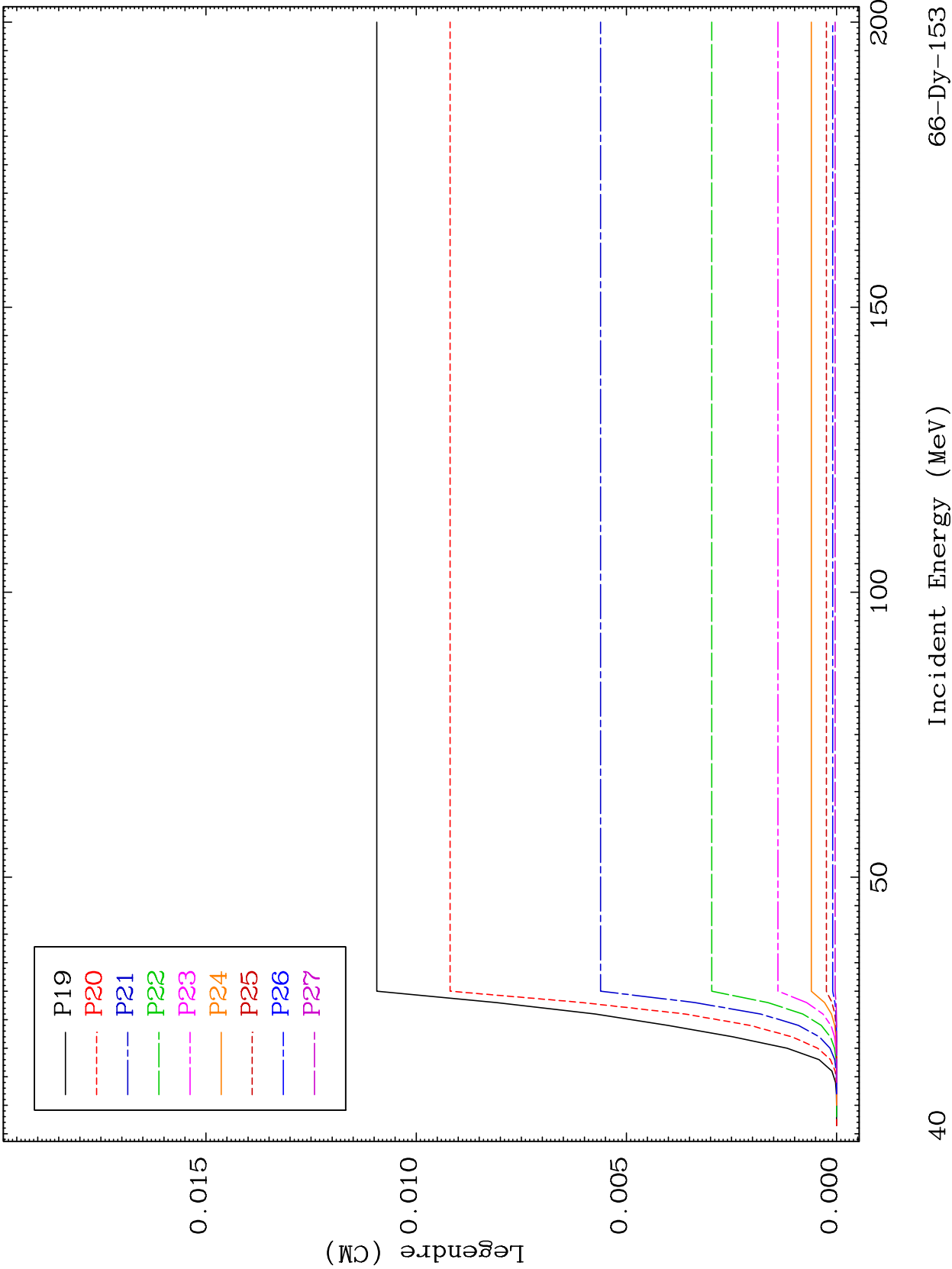
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MAT 6616

MT= 55 (n,n') Level  
Legendre Coefficients

66-Dy-153



40

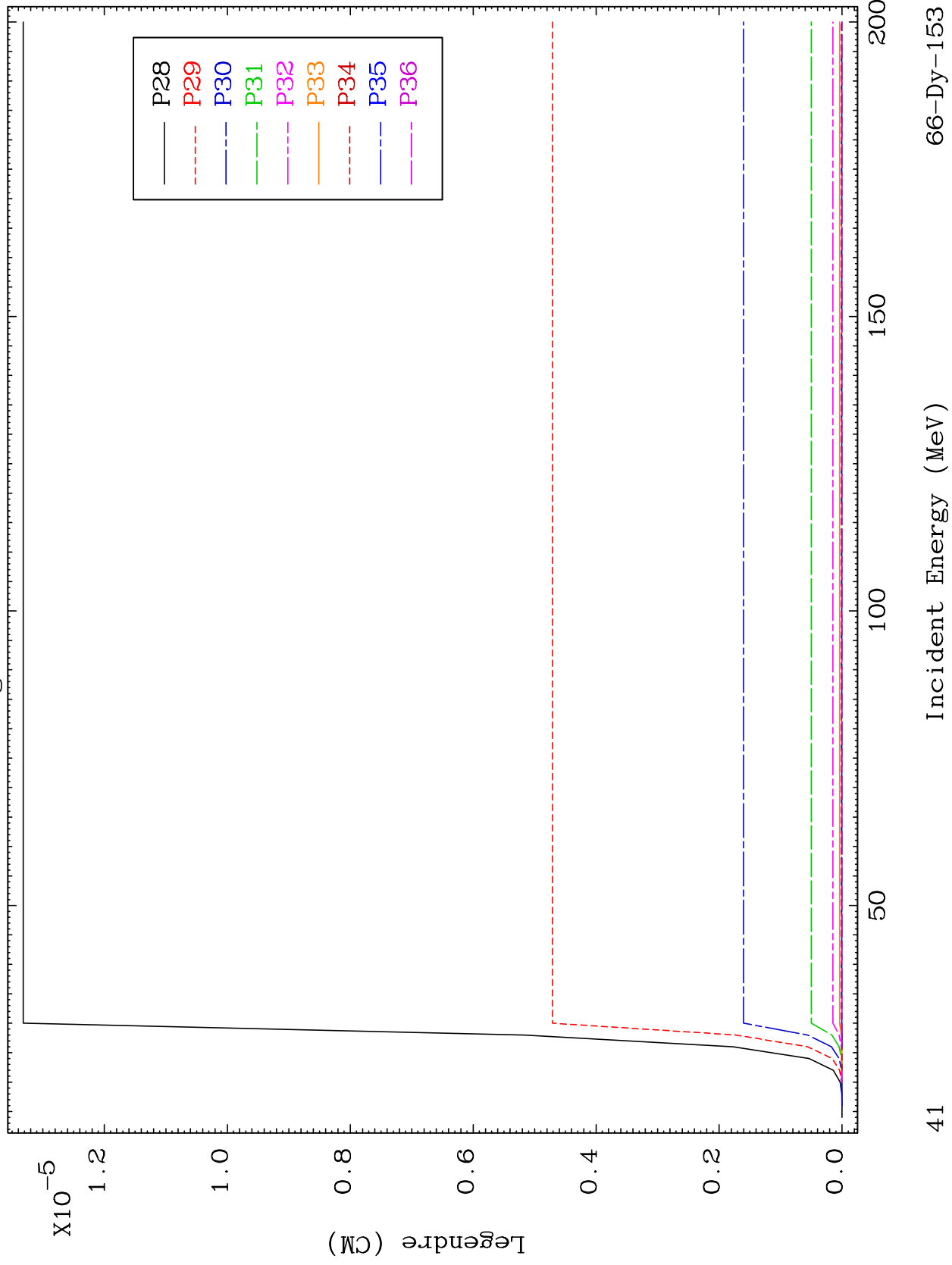
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 55 (n,n') Level  
Legendre Coefficients

66-Dy-153

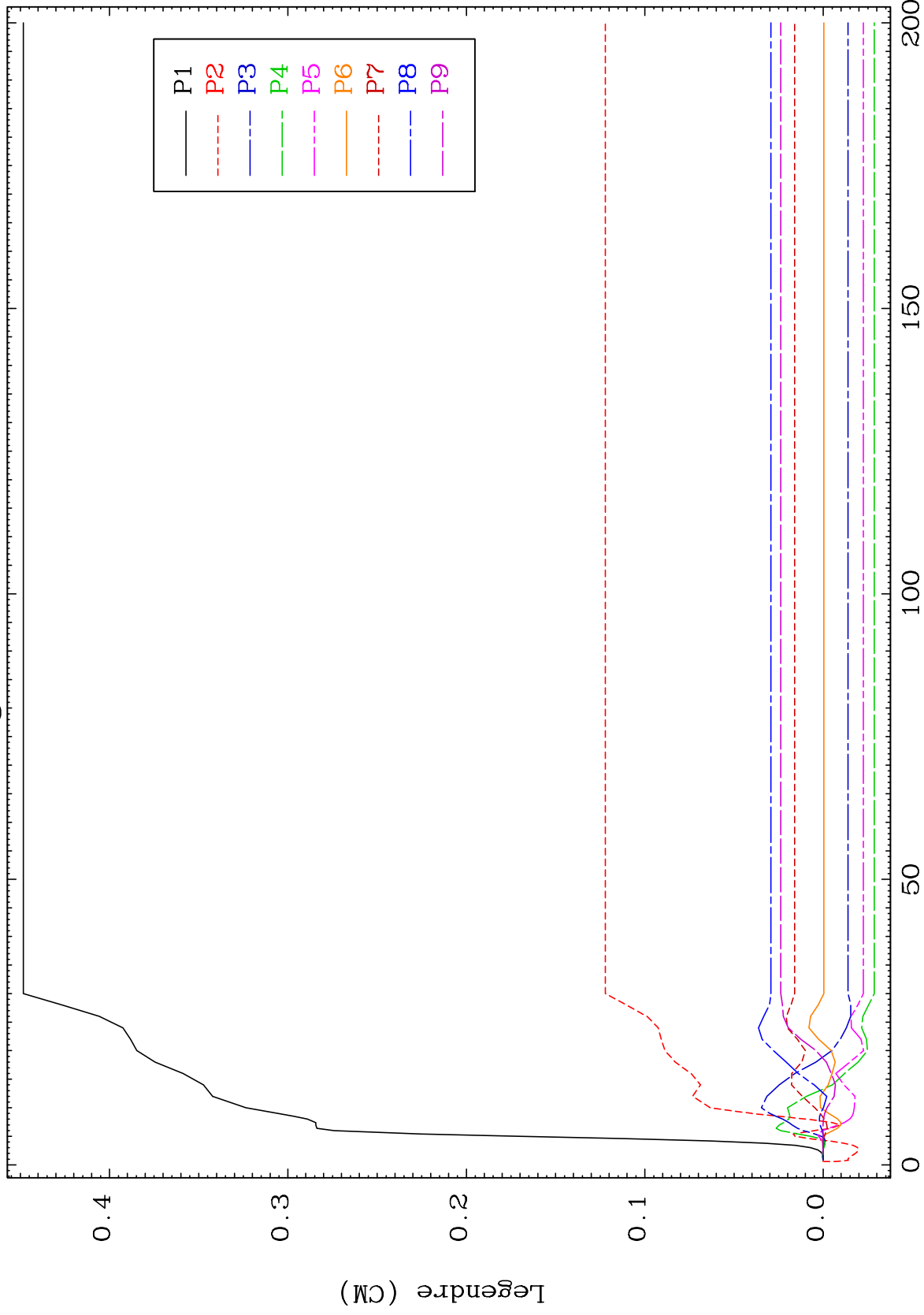


41

MAT 6616

MT= 56 (n,n') Level  
Legendre Coefficients

66-Dy-153



42

Incident Energy (MeV)

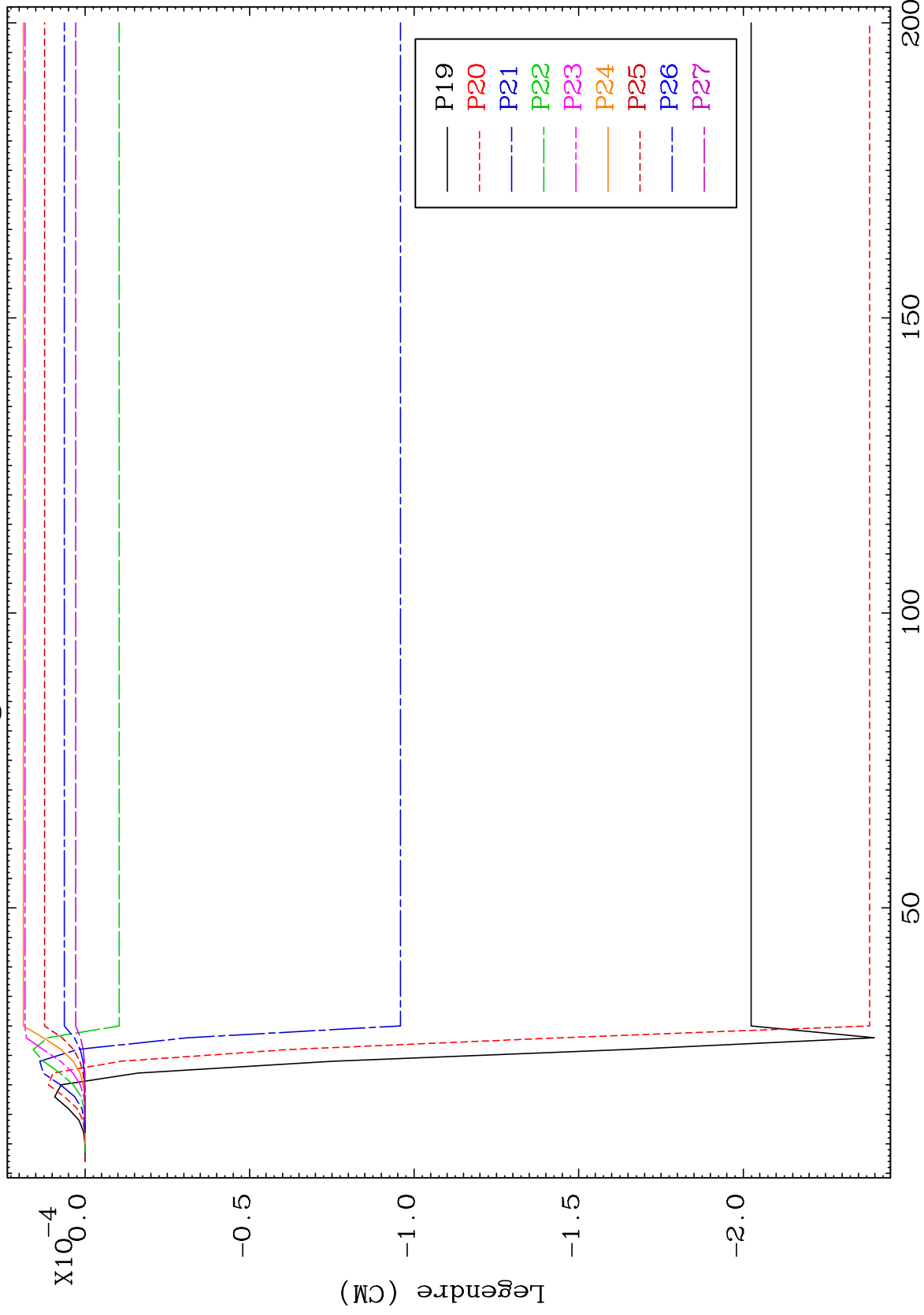
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MAT 6616

MT= 56 (n,n') Level  
Legendre Coefficients

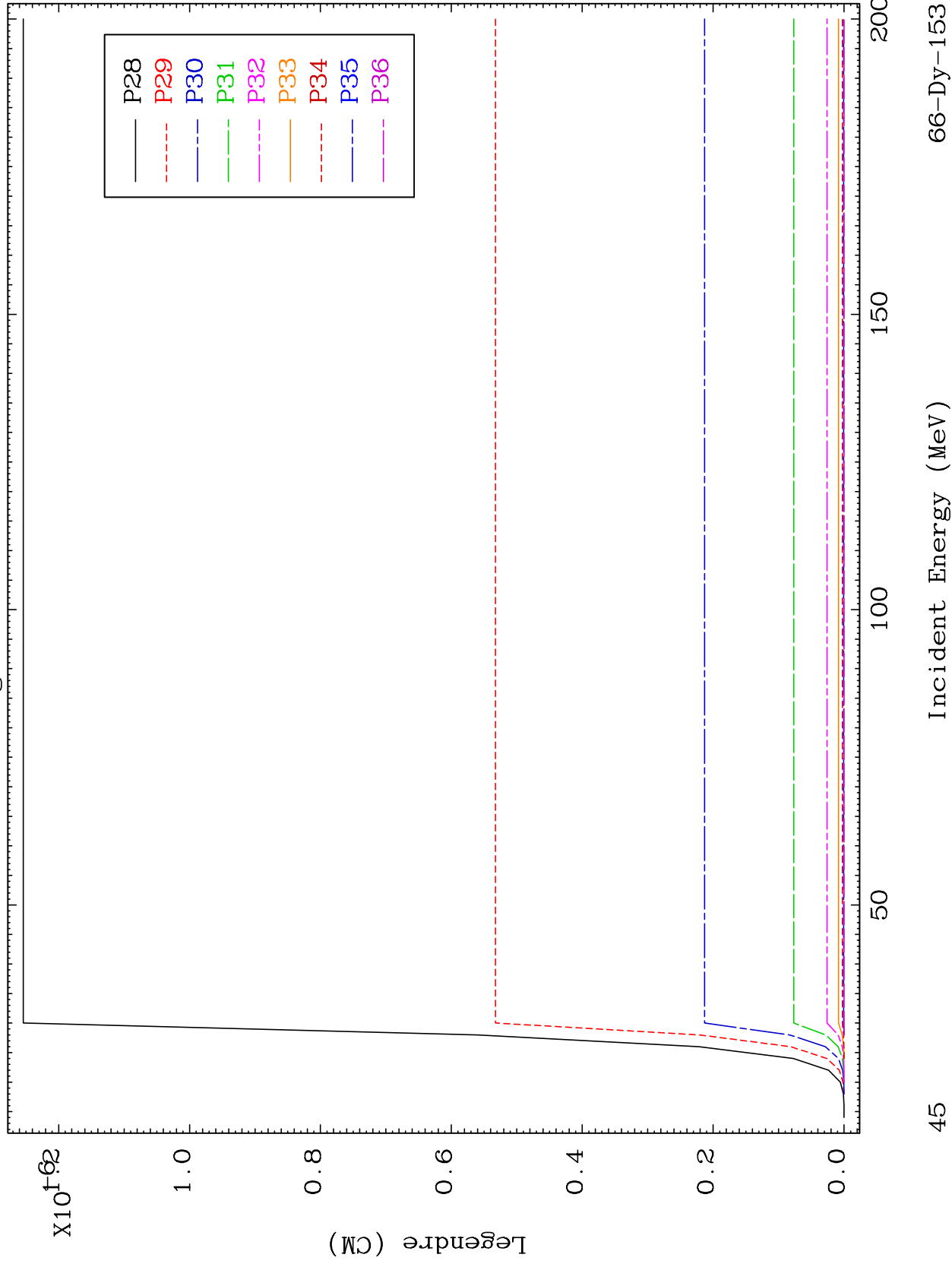
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MAT 6616

MT= 56 (n,n') Level  
Legendre Coefficients

66-Dy-153



45

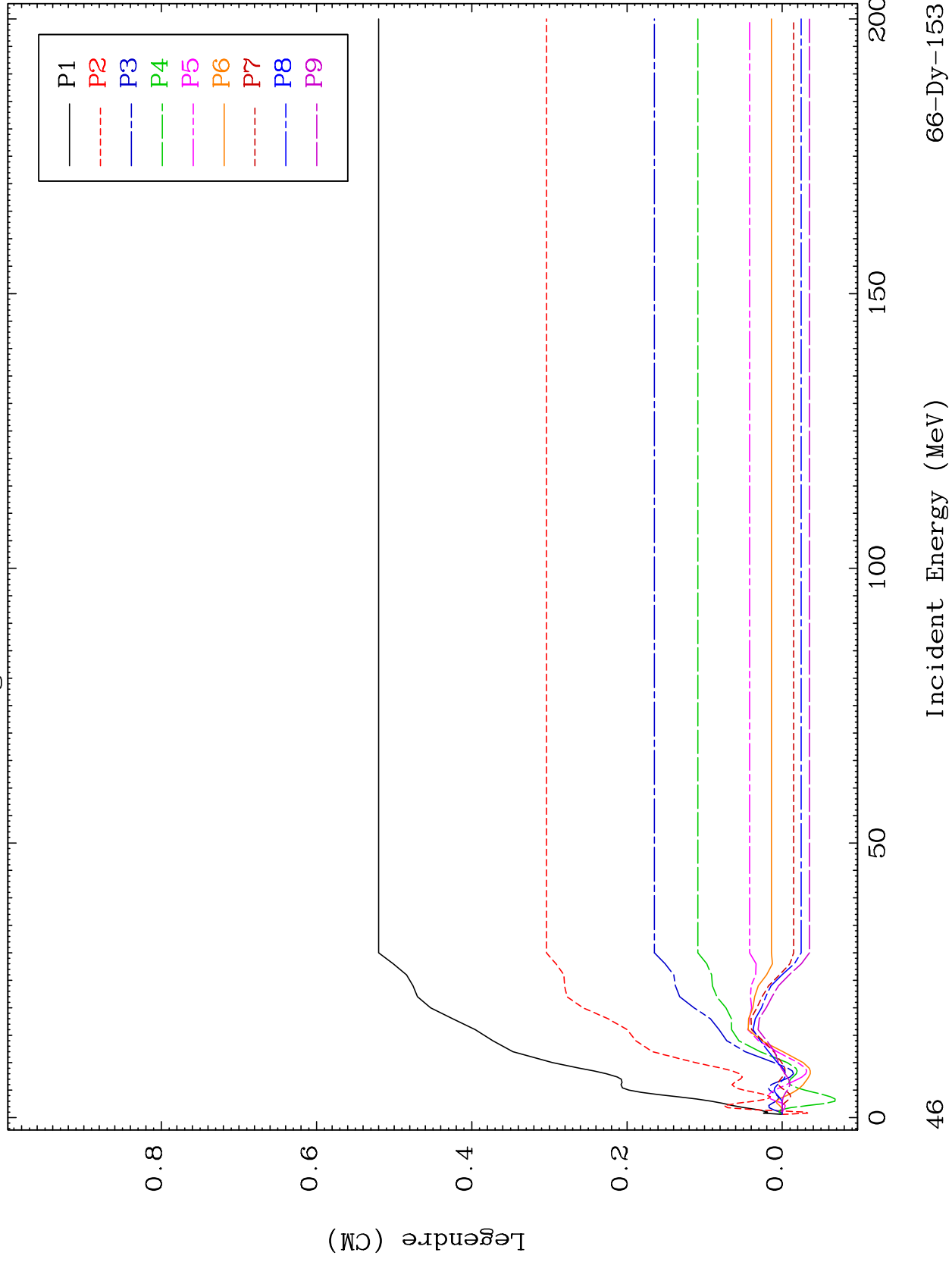
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 57 (n,n') Level  
Legendre Coefficients

66-Dy-153



66-Dy-153

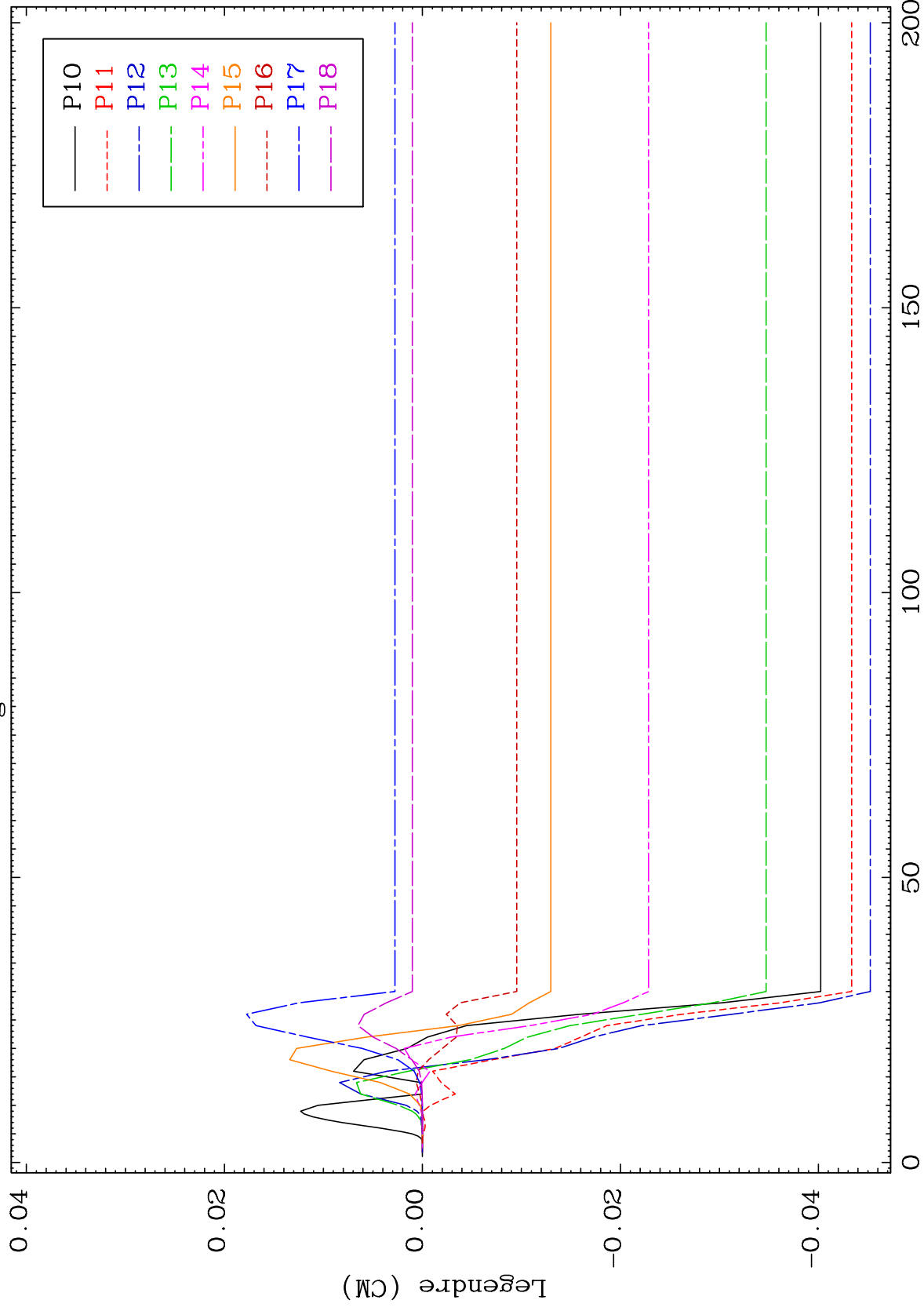
Incident Energy (MeV)

46

MAT 6616

MT= 57 (n,n') Level  
Legendre Coefficients

66-Dy-153



47

Incident Energy (MeV)

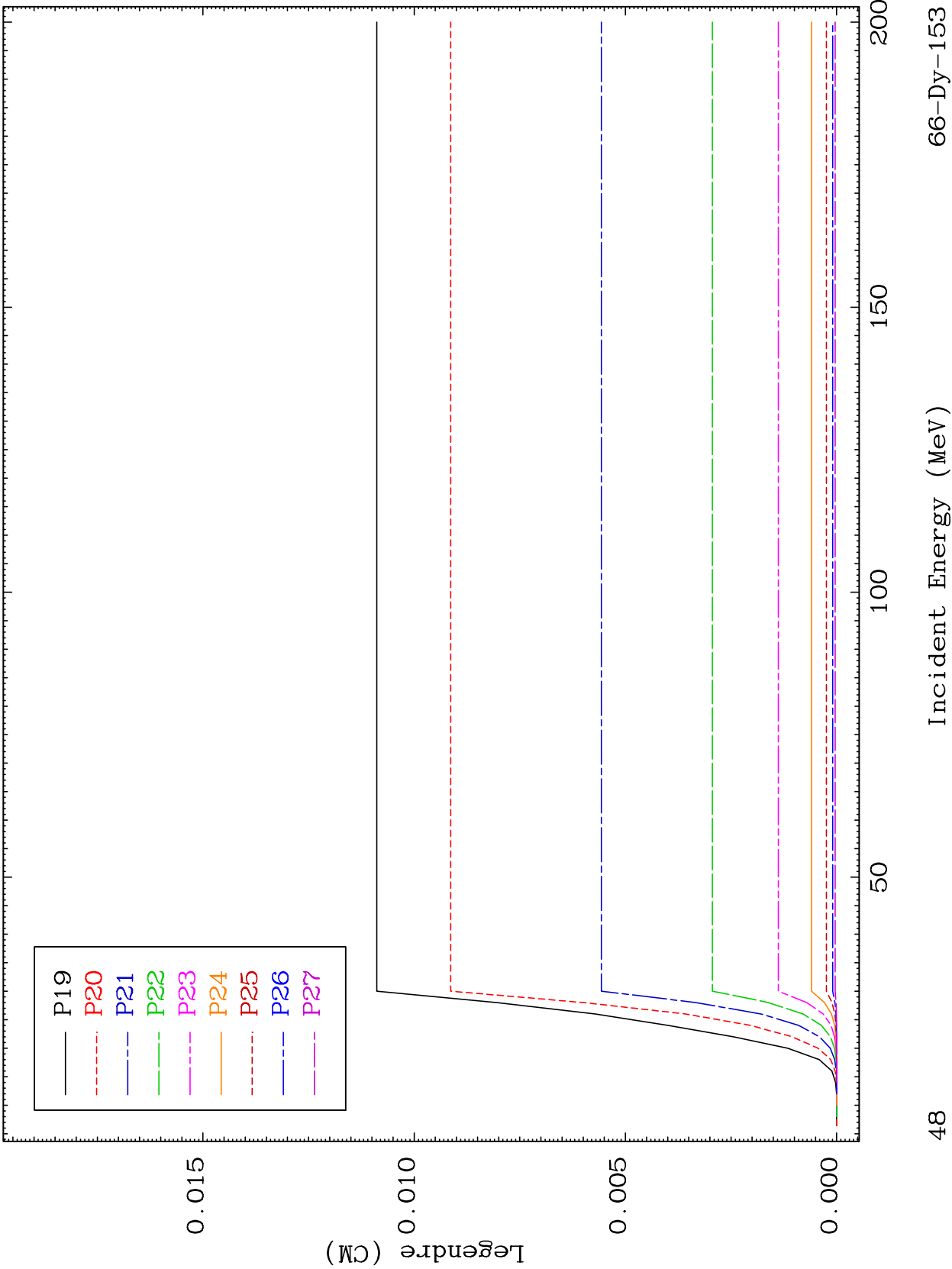
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MAT 6616

MT= 57 (n,n') Level  
Legendre Coefficients

66-Dy-153



48

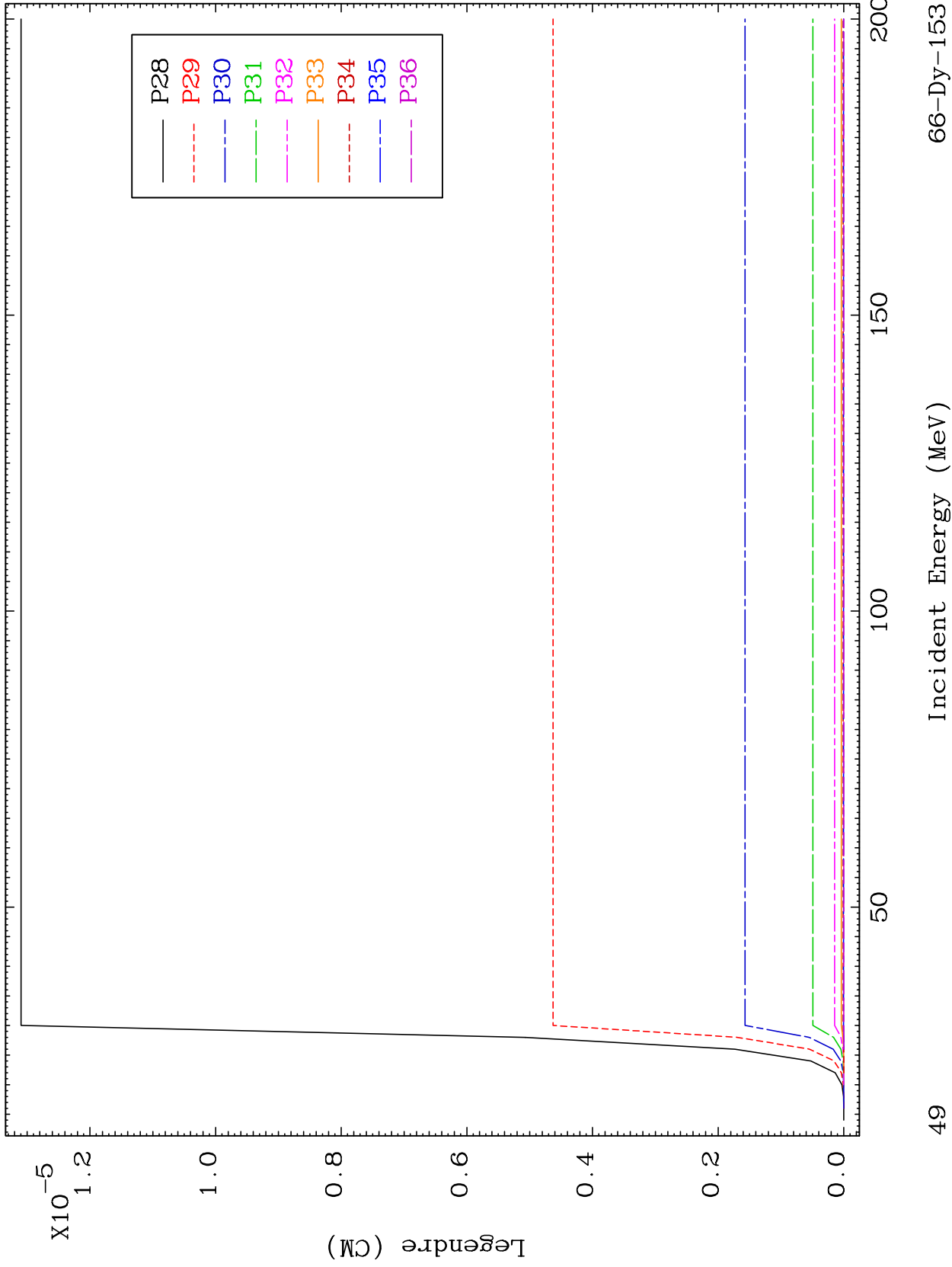
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 57 (n,n') Level  
Legendre Coefficients

66-Dy-153



49

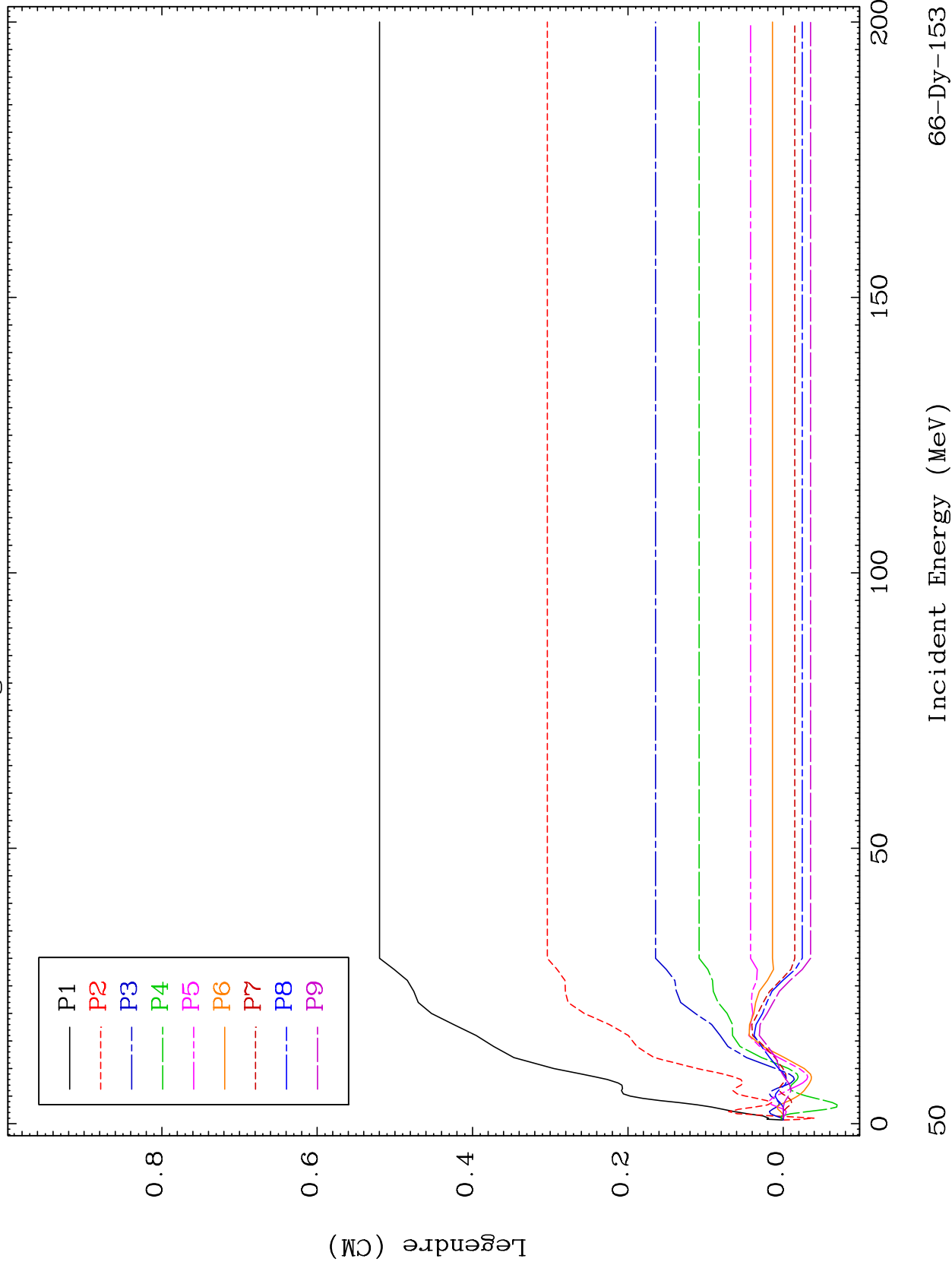
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 58 (n,n') Level  
Legendre Coefficients

66-Dy-153



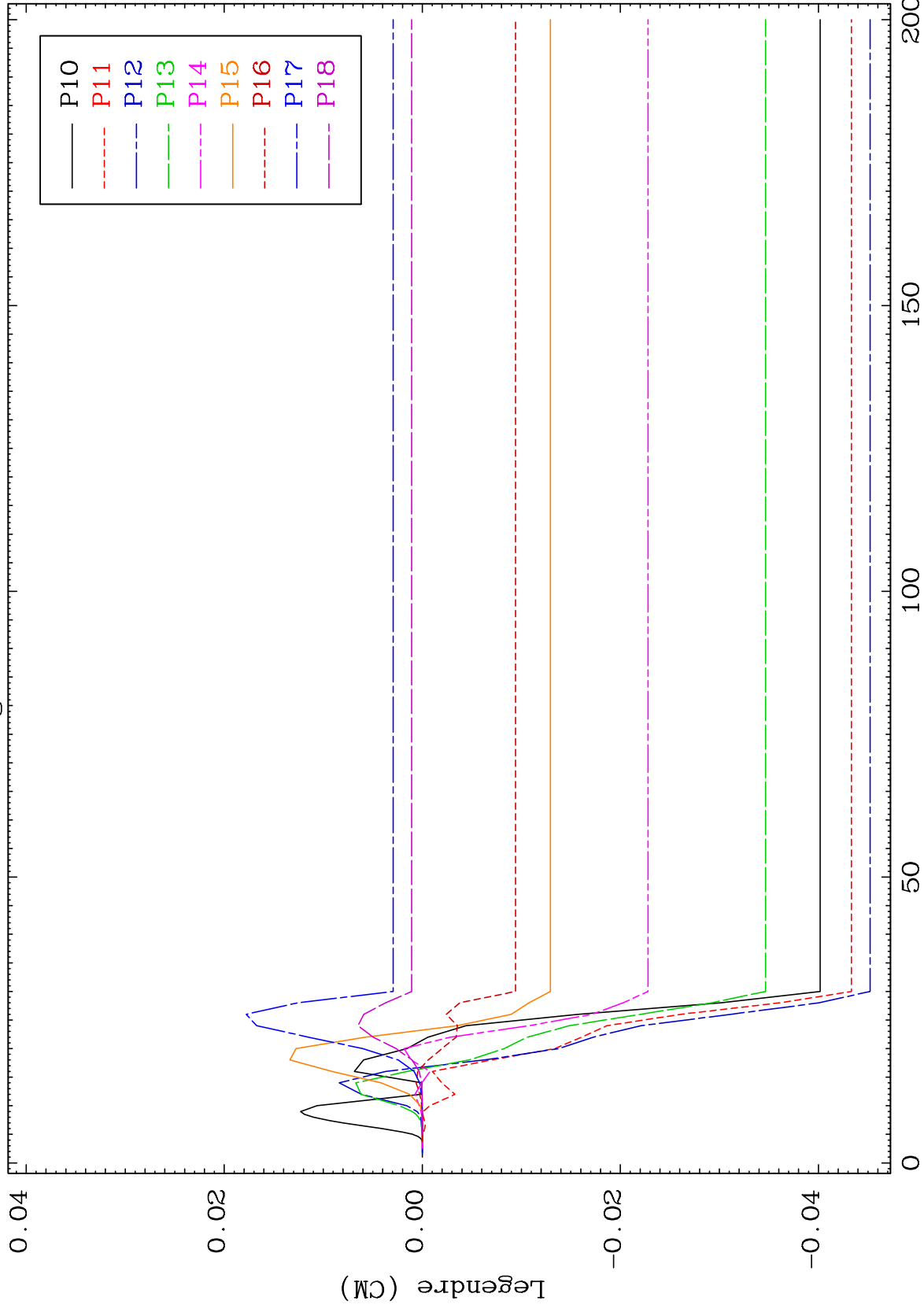
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Incident Energy (MeV)

MAT 6616

MT= 58 (n,n') Level  
Legendre Coefficients

66-Dy-153



51

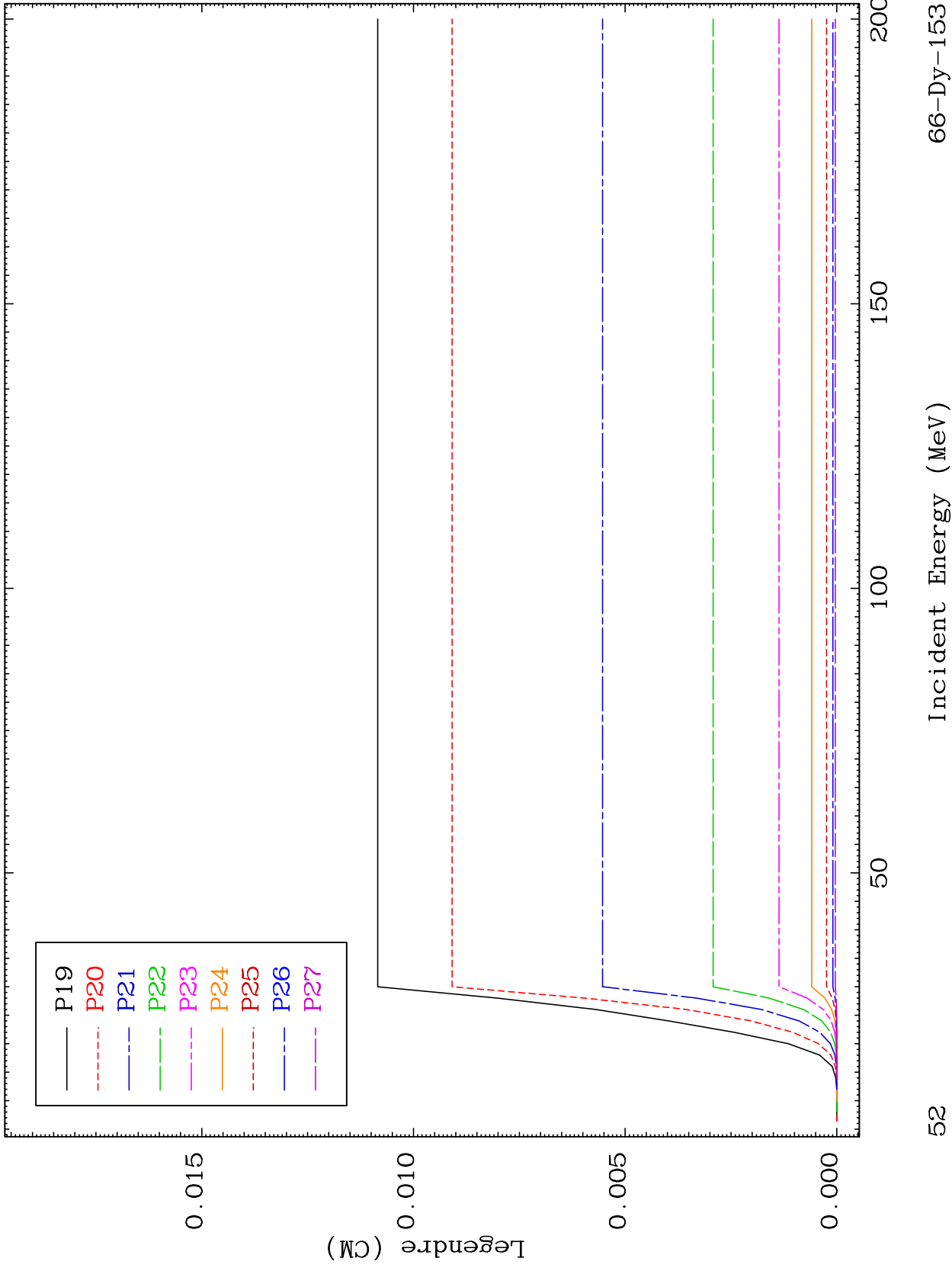
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 58 (n,n') Level  
Legendre Coefficients

66-Dy-153



52

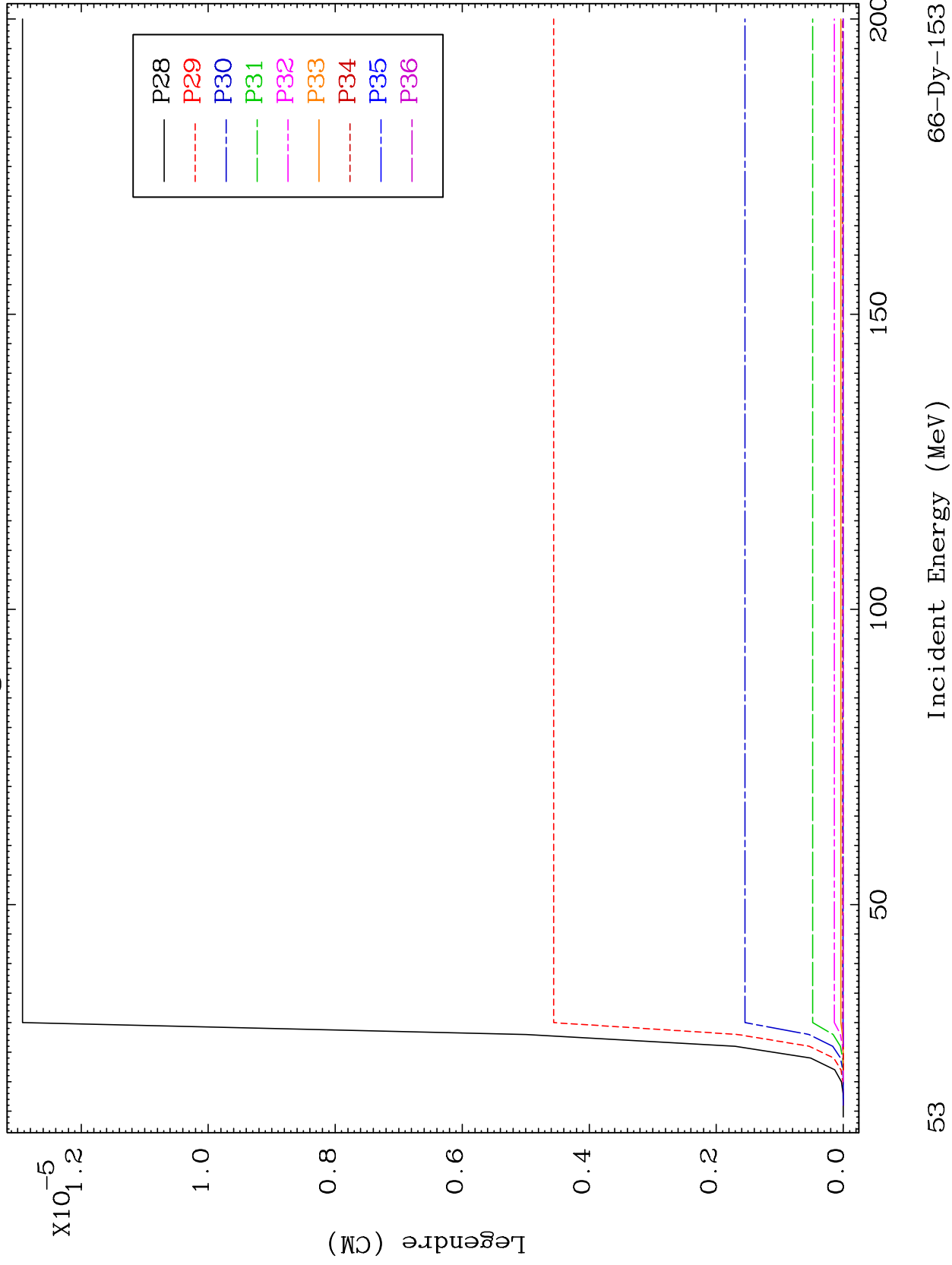
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 58 (n,n') Level  
Legendre Coefficients

66-Dy-153



53

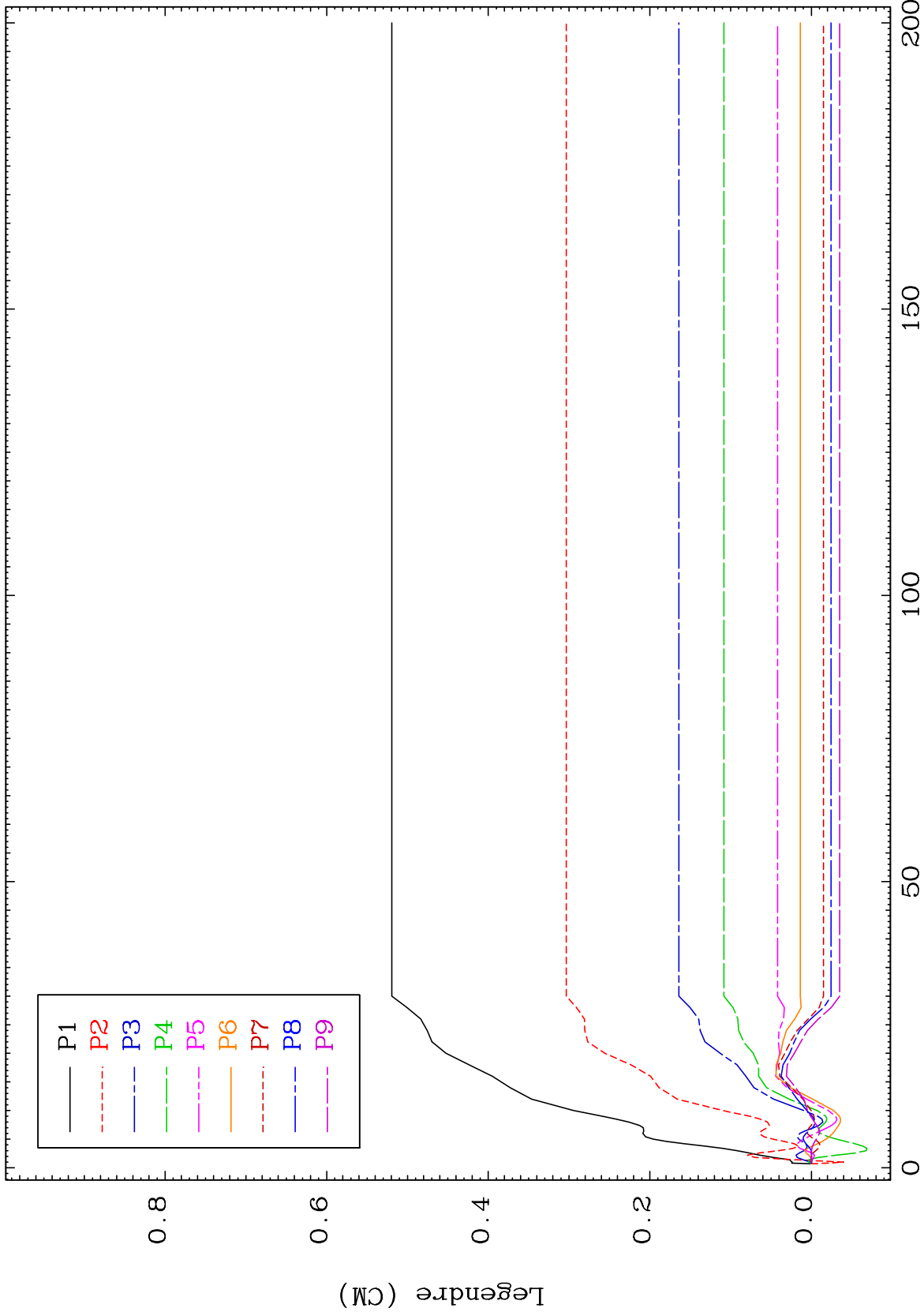
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 59 (n,n') Level  
Legendre Coefficients

66-Dy-153



Incident Energy (MeV)

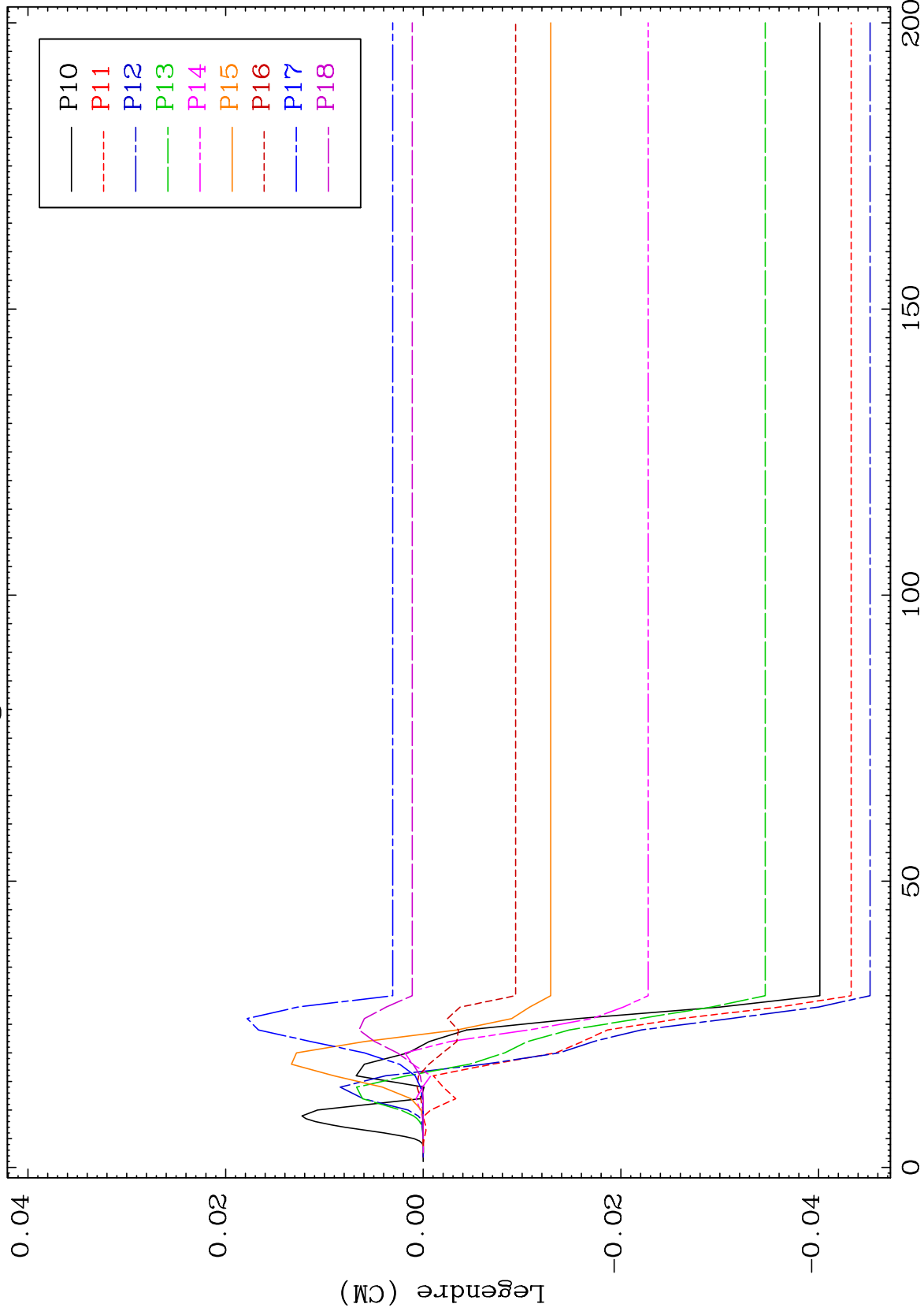
66-Dy-153

54

MAT 6616

MT= 59 (n,n') Level  
Legendre Coefficients

66-Dy-153

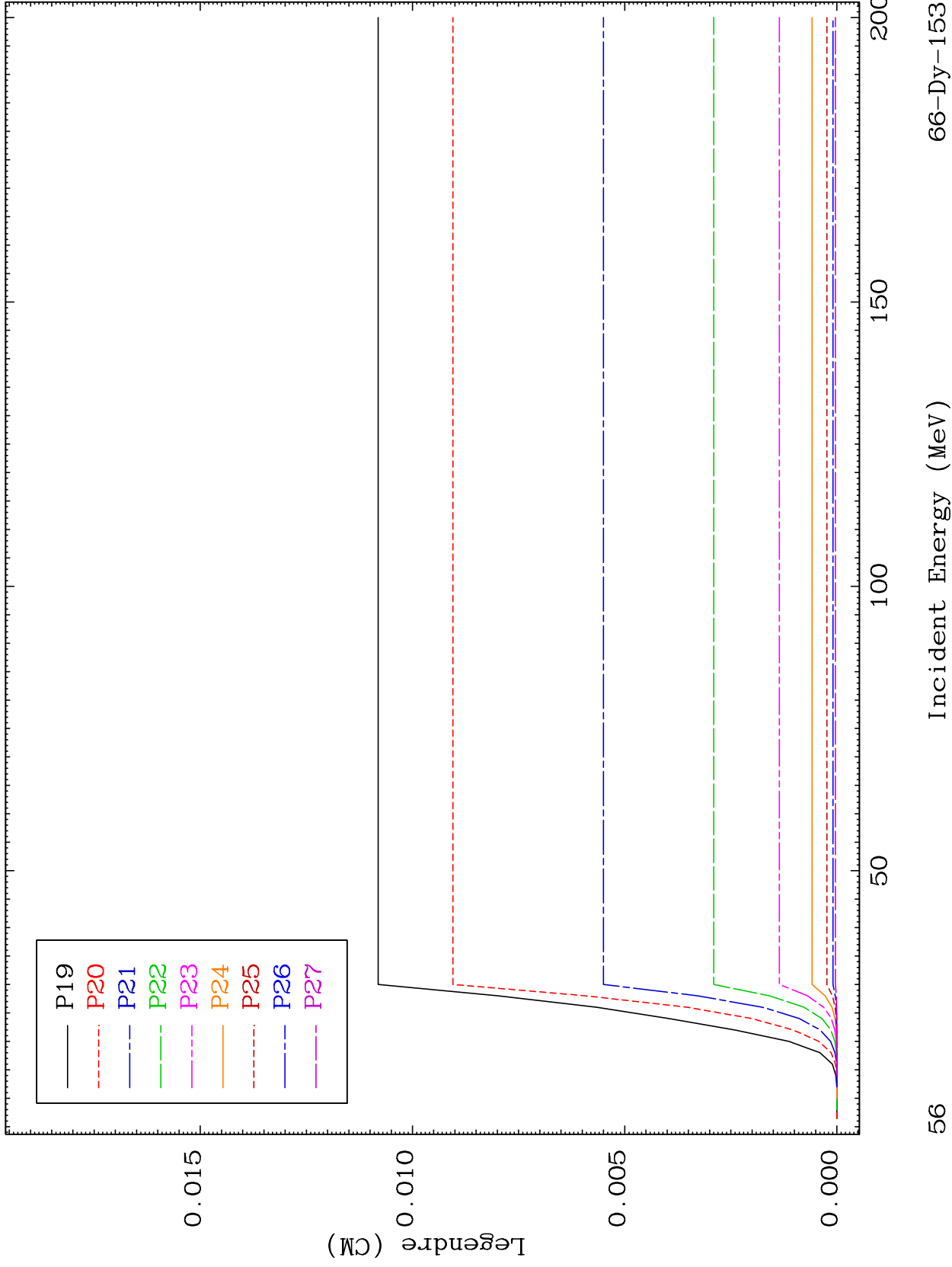


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Incident Energy (MeV)

66-Dy-153

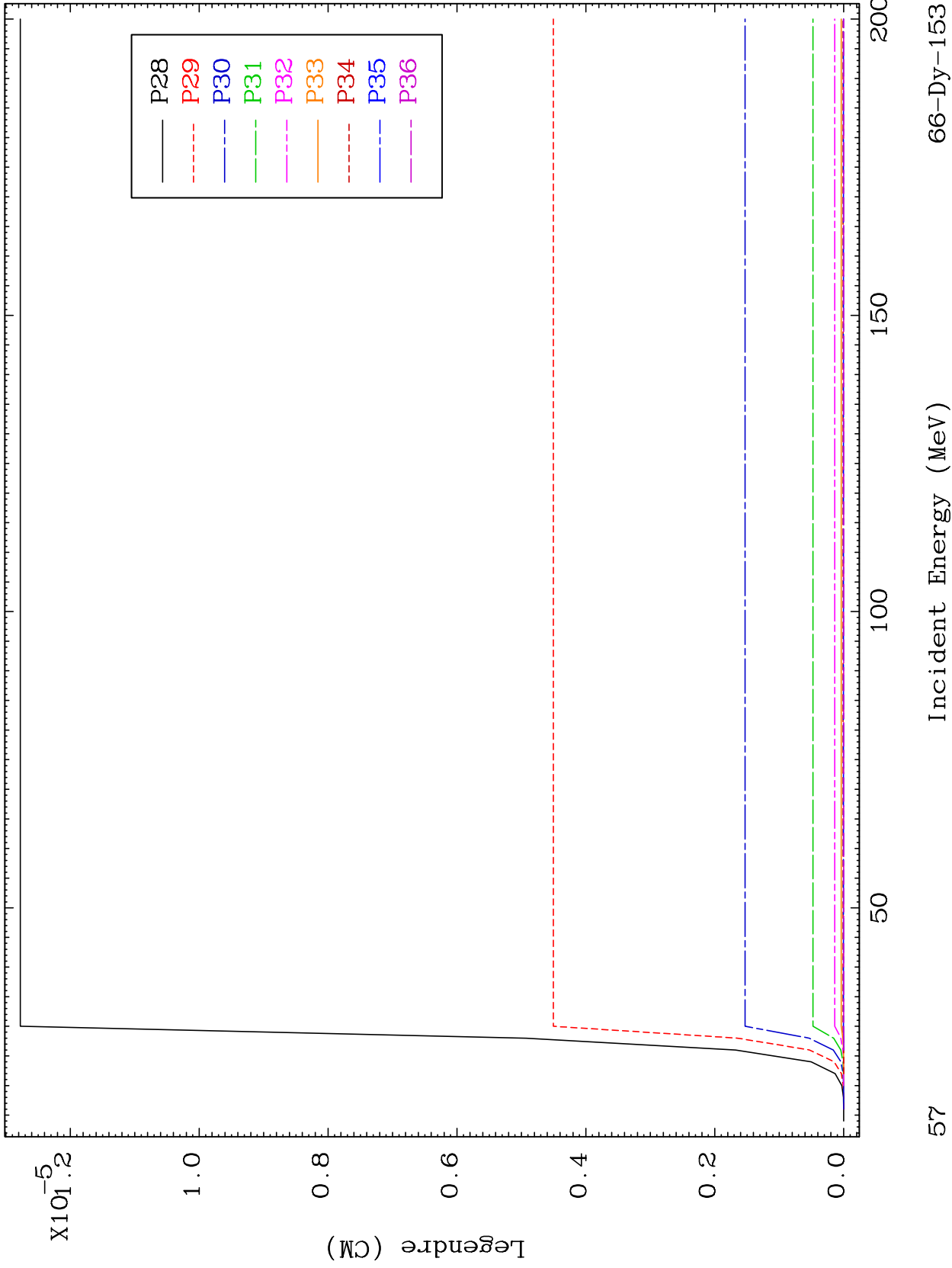




MAT 6616

MT= 59 (n,n') Level  
Legendre Coefficients

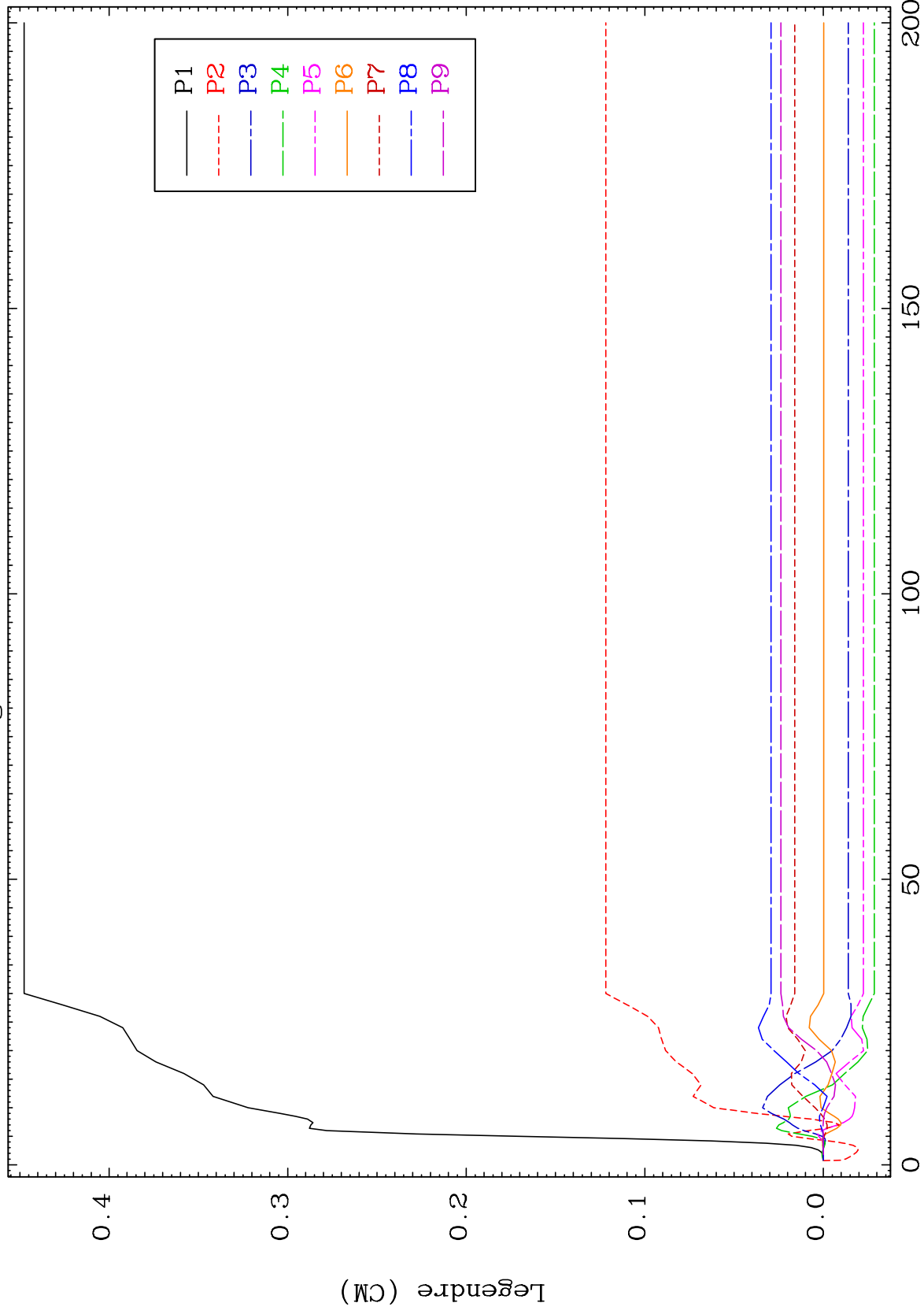
66-Dy-153



MAT 6616

MT= 60 (n,n') Level  
Legendre Coefficients

66-Dy-153



58

Incident Energy (MeV)

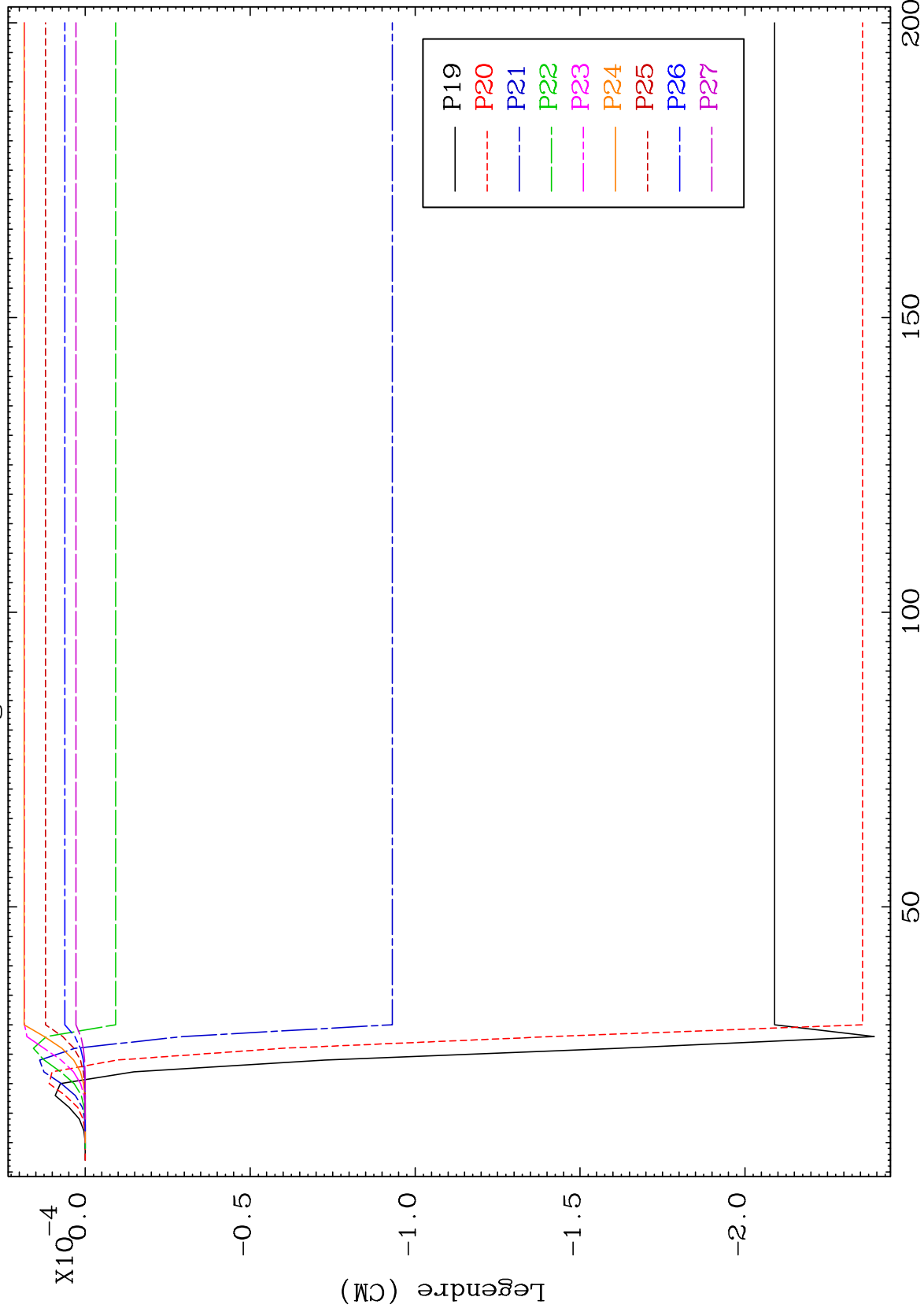
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MAT 6616

MT= 60 (n,n') Level  
Legendre Coefficients

66-Dy-153



60

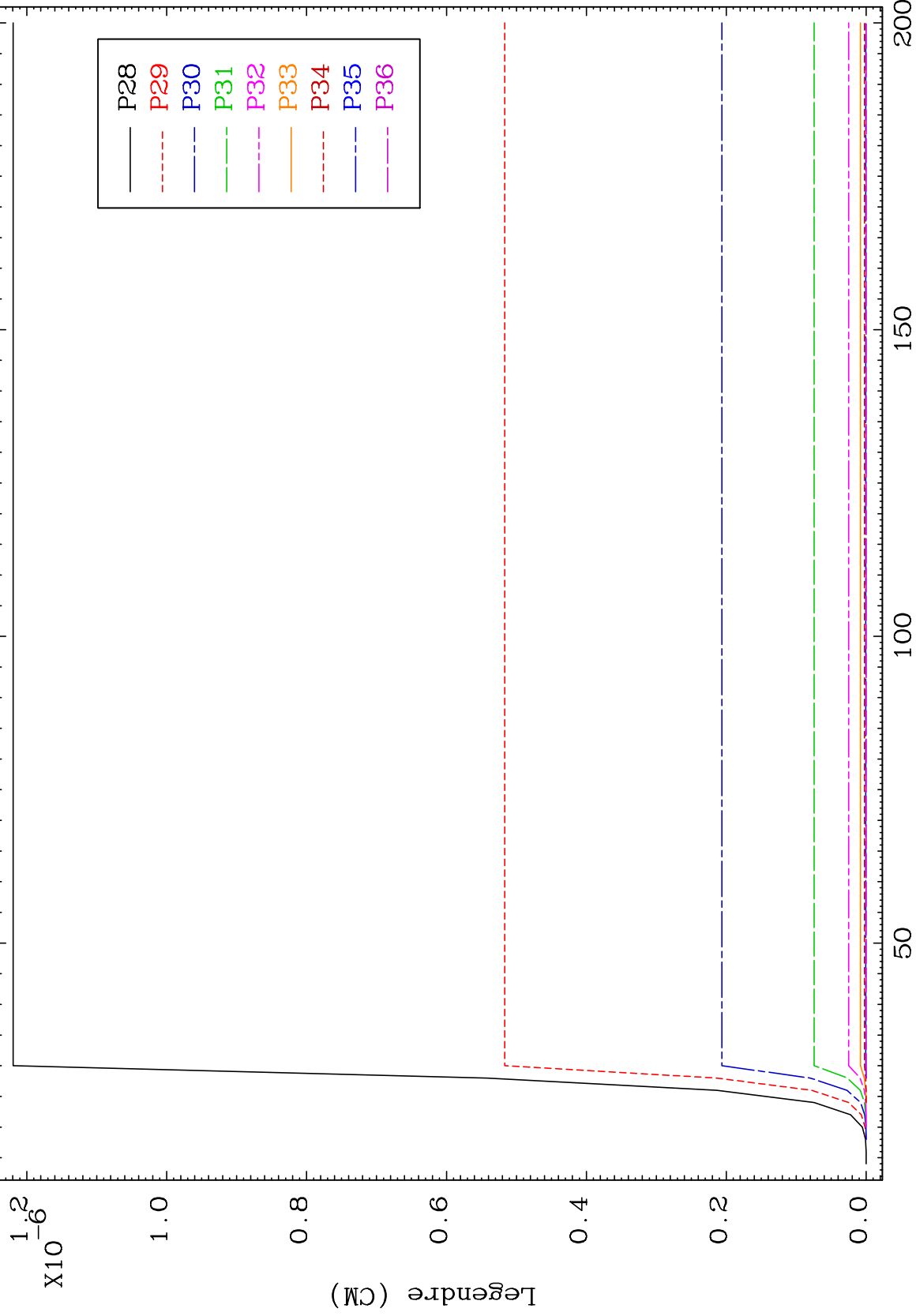
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 60 (n,n') Level  
Legendre Coefficients

66-Dy-153



61

Incident Energy (MeV)

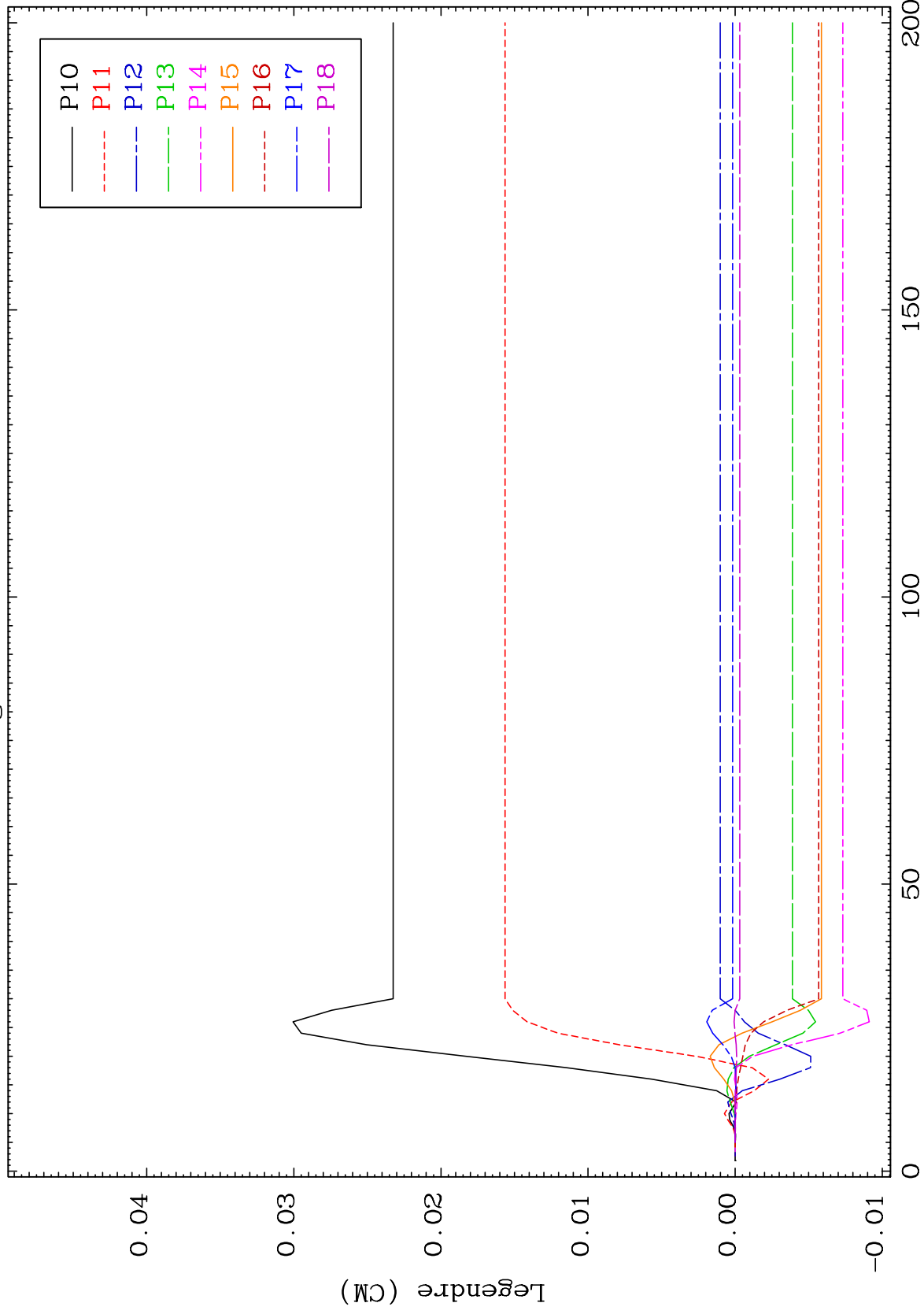
66-Dy-153



MAT 6616

MT= 61 (n,n') Level  
Legendre Coefficients

66-Dy-153



63

Incident Energy (MeV)

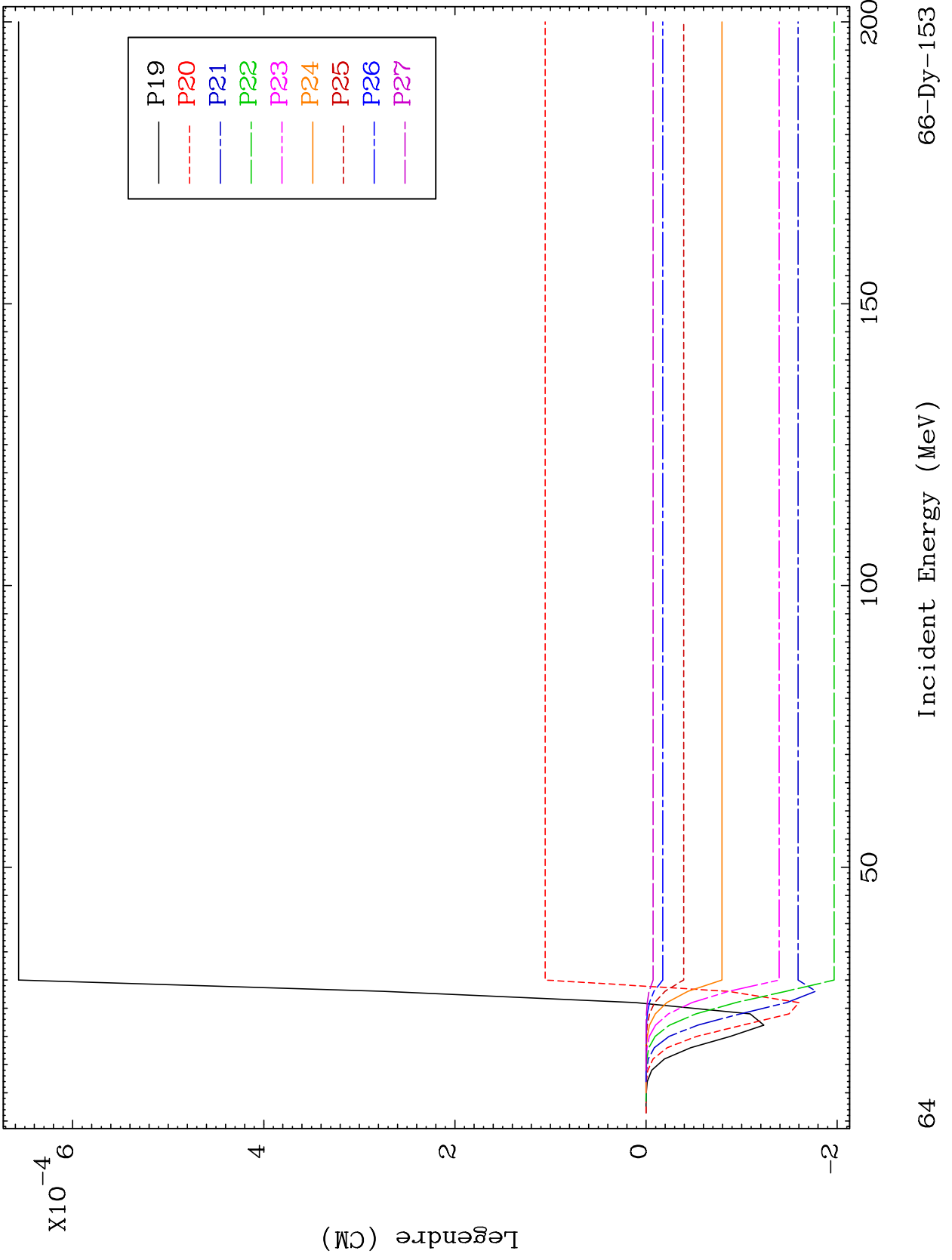
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MAT 6616

MT= 61 (n,n') Level  
Legendre Coefficients

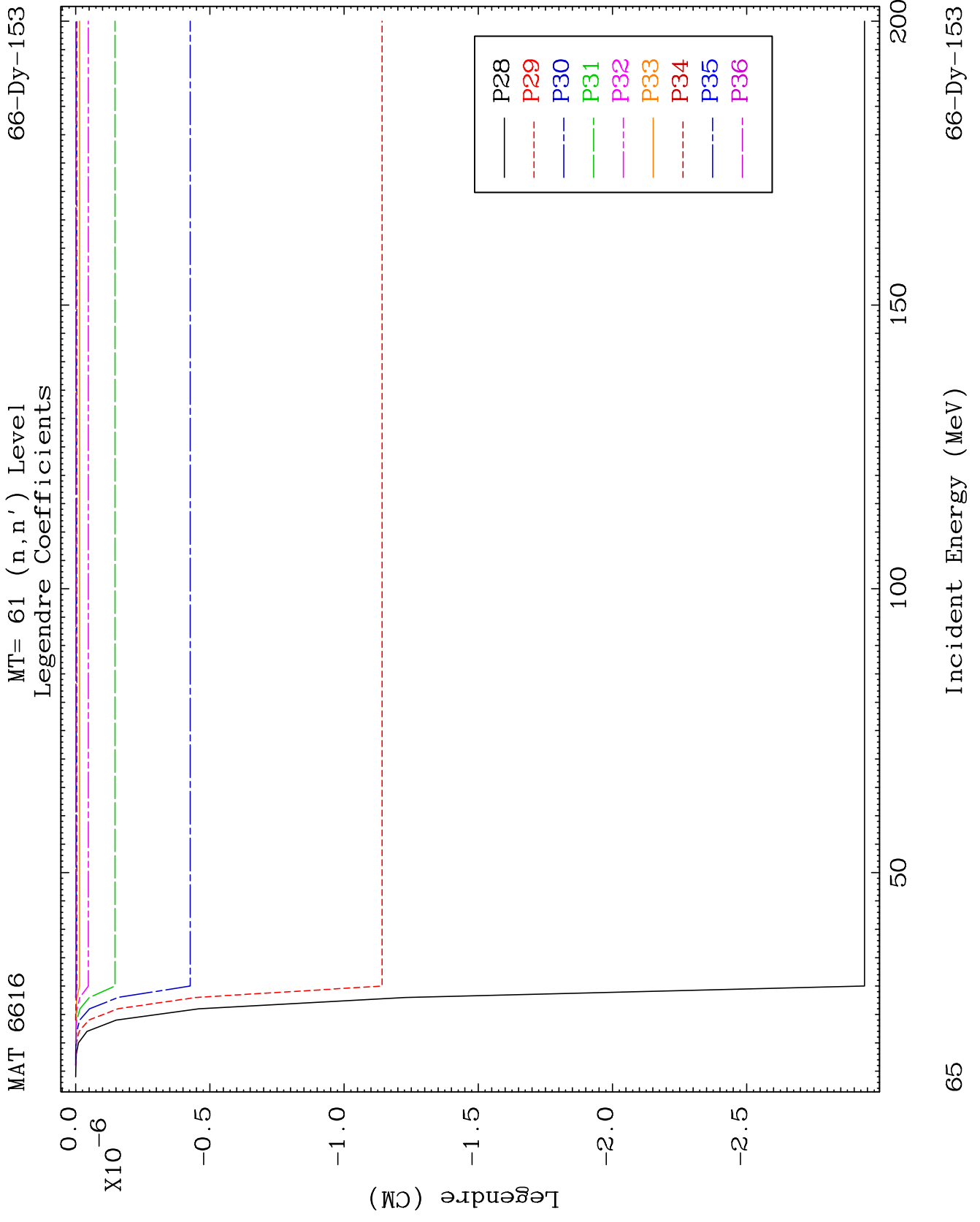
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64

Incident Energy (MeV)

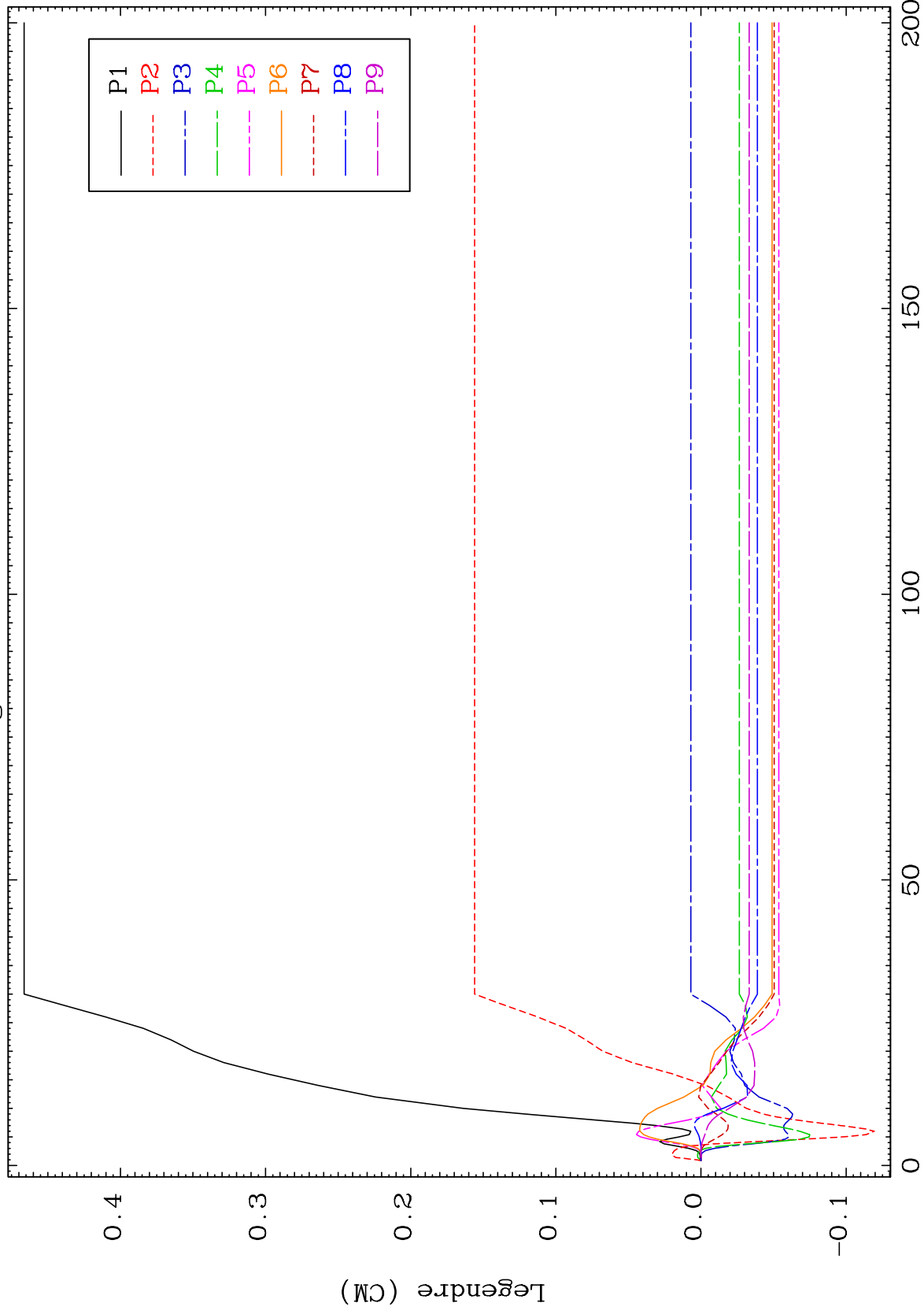
66-Dy-153



MAT 6616

MT= 62 (n,n') Level  
Legendre Coefficients

66-Dy-153



66

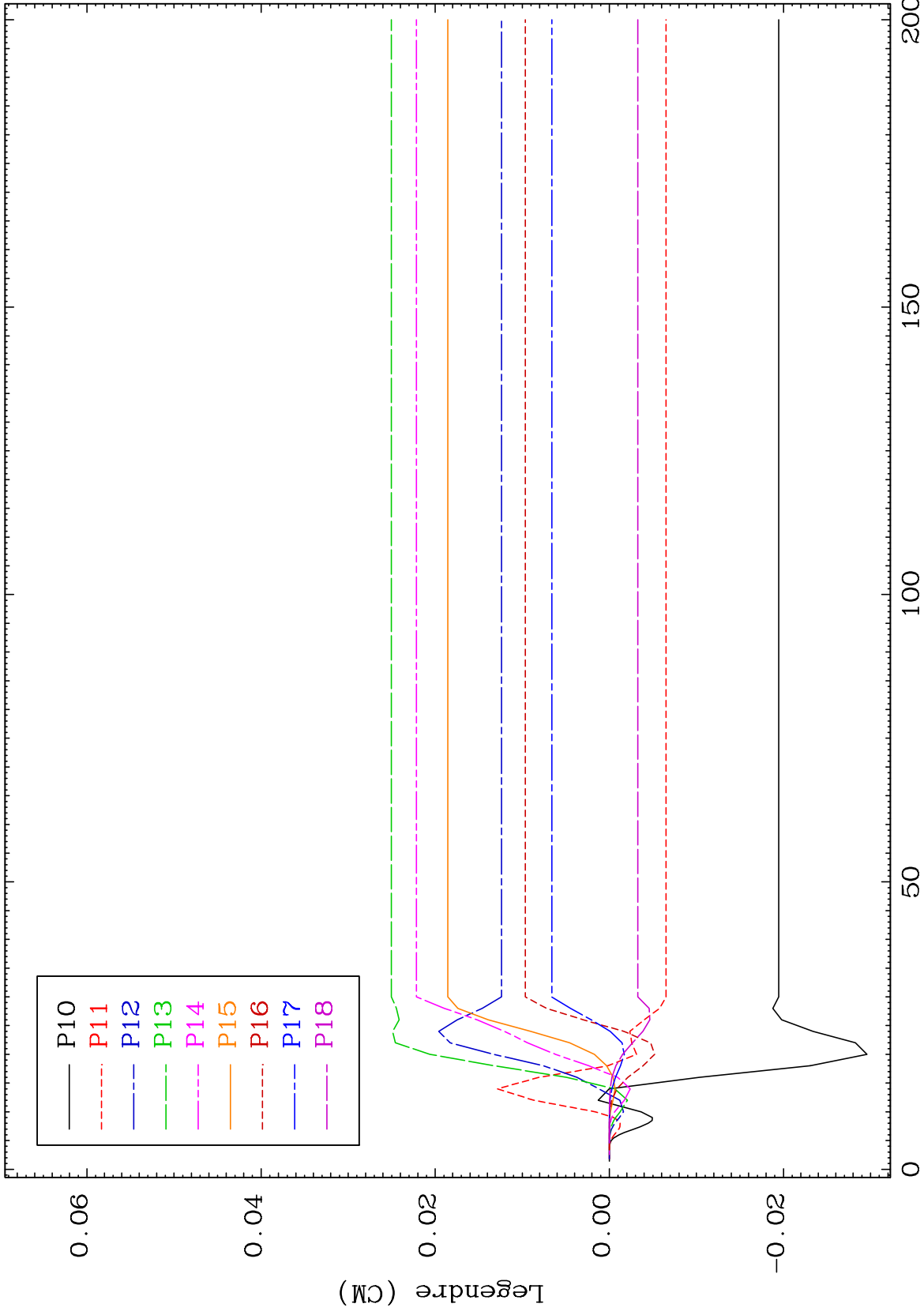
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 62 (n,n') Level  
Legendre Coefficients

66-Dy-153



67

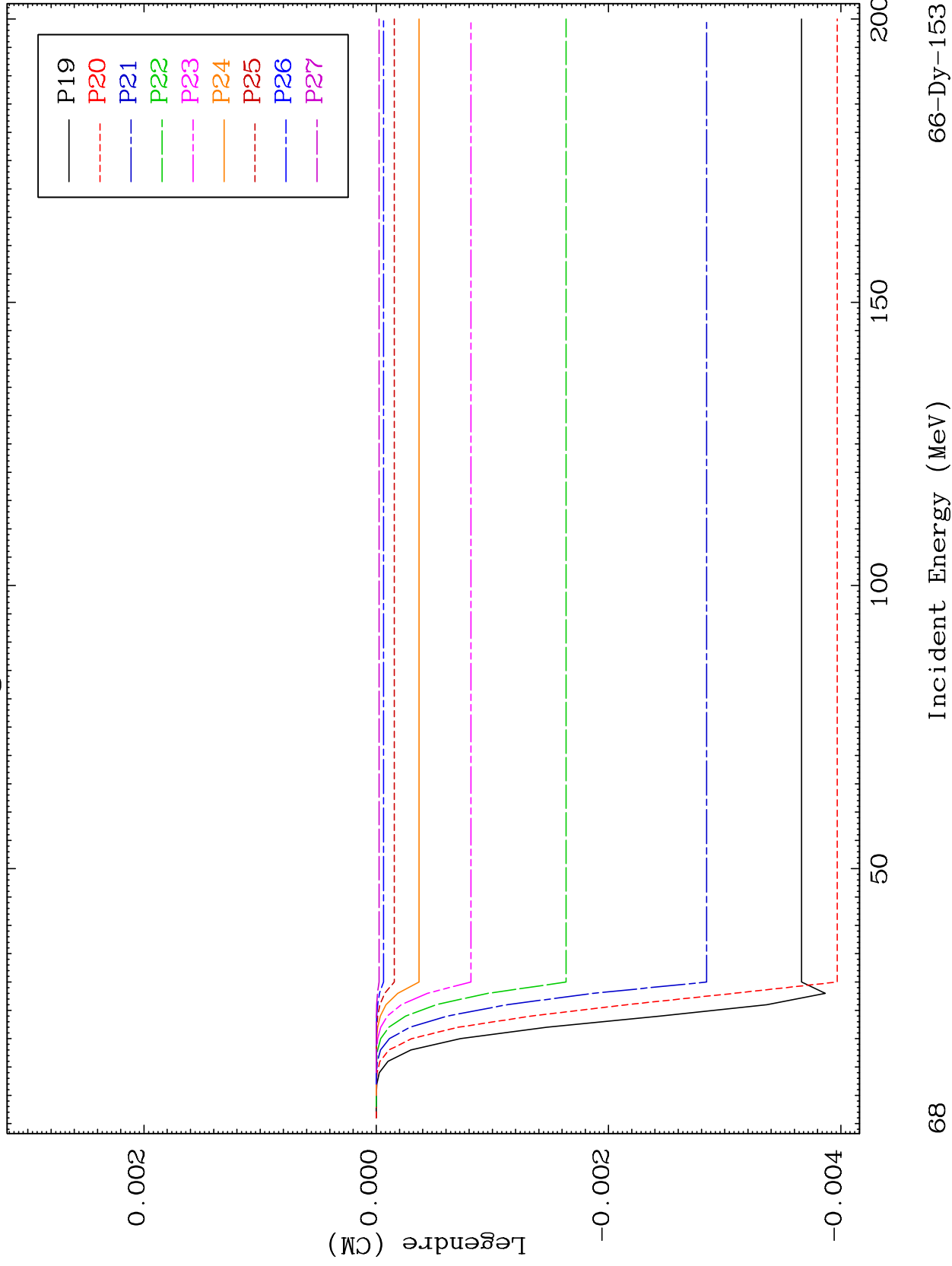
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 62 (n,n') Level  
Legendre Coefficients

66-Dy-153



68

Incident Energy (MeV)

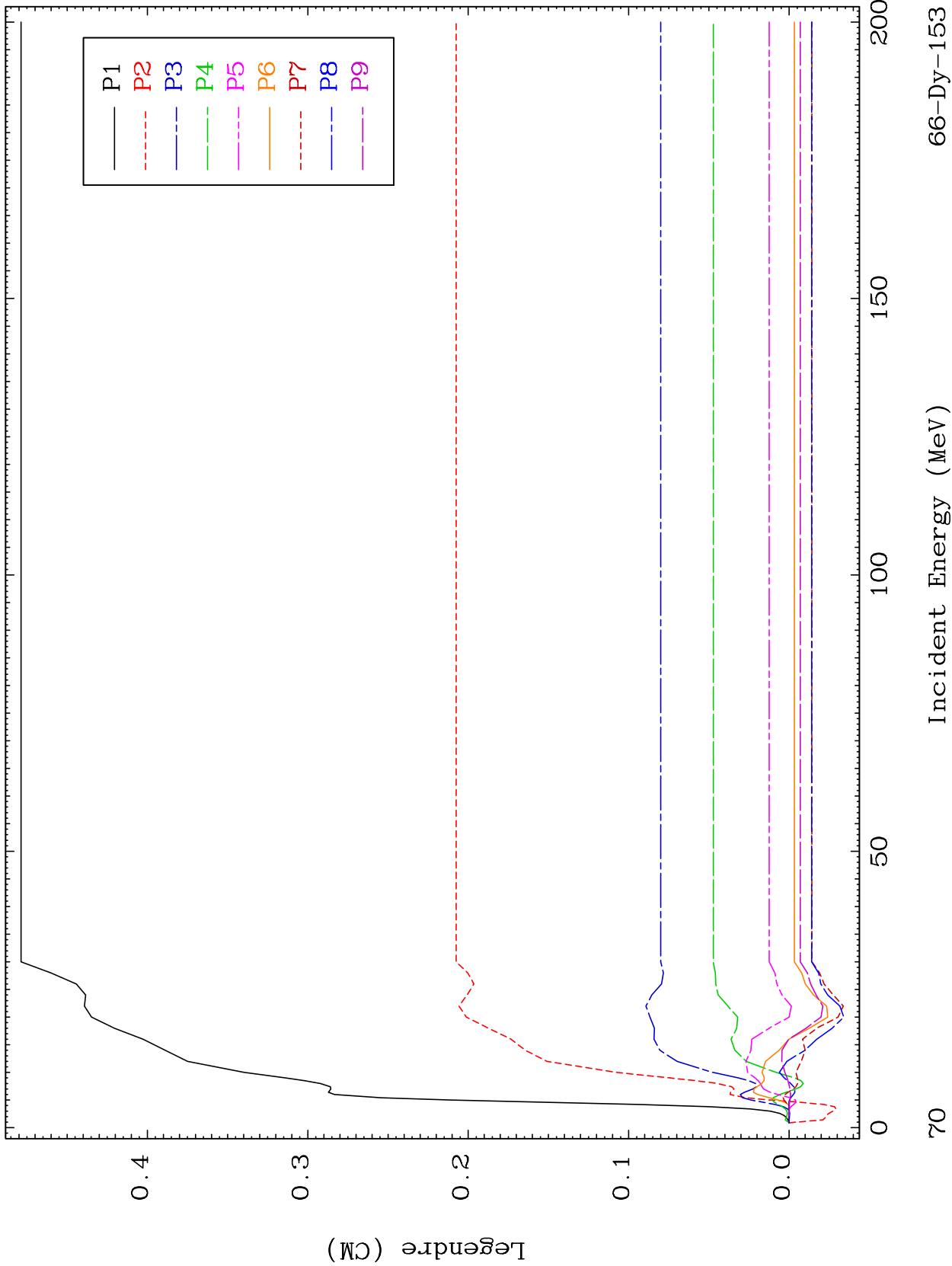
66-Dy-153



MAT 6616

MT= 63 (n,n') Level  
Legendre Coefficients

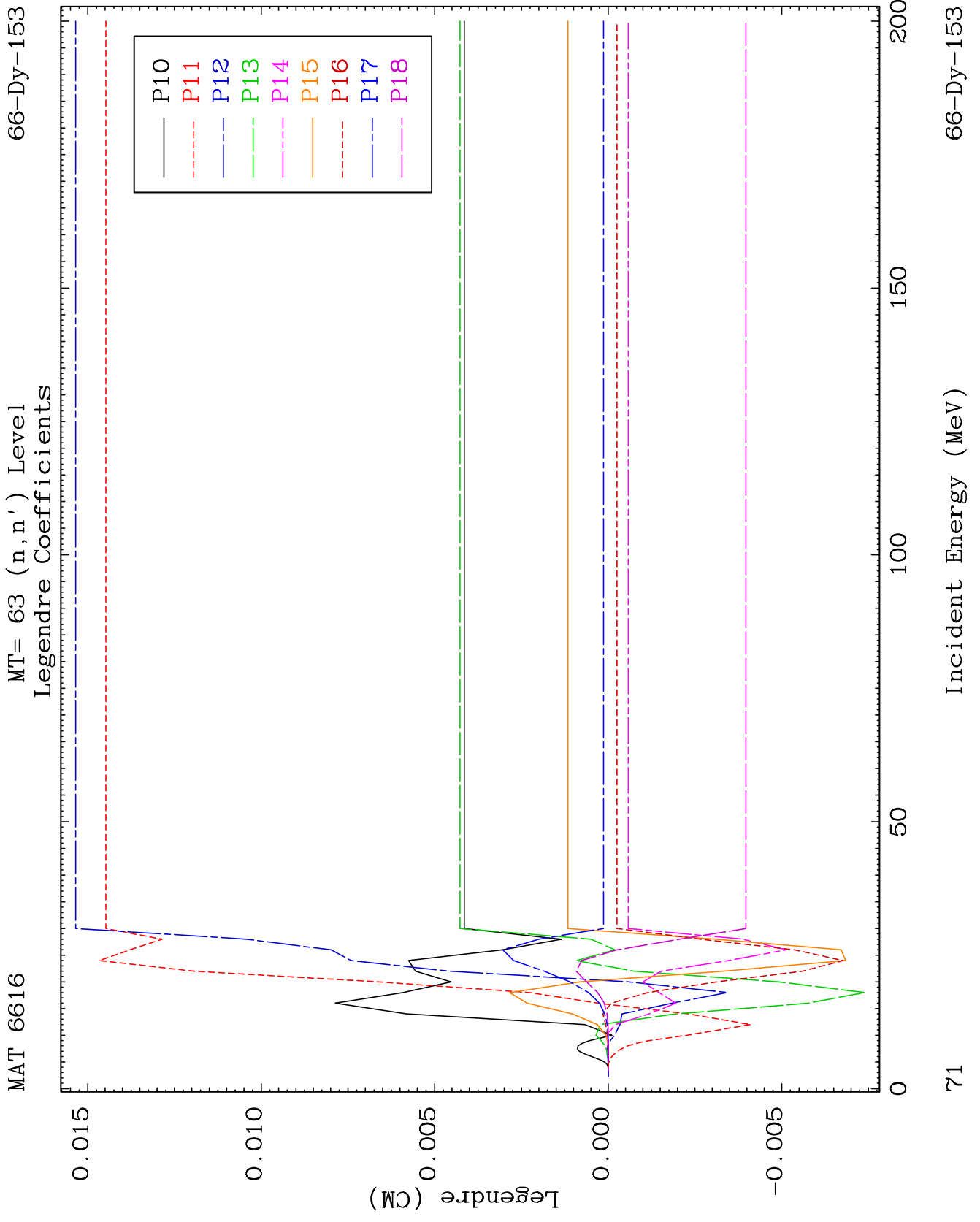
66-Dy-153



66-Dy-153

Incident Energy (MeV)

70

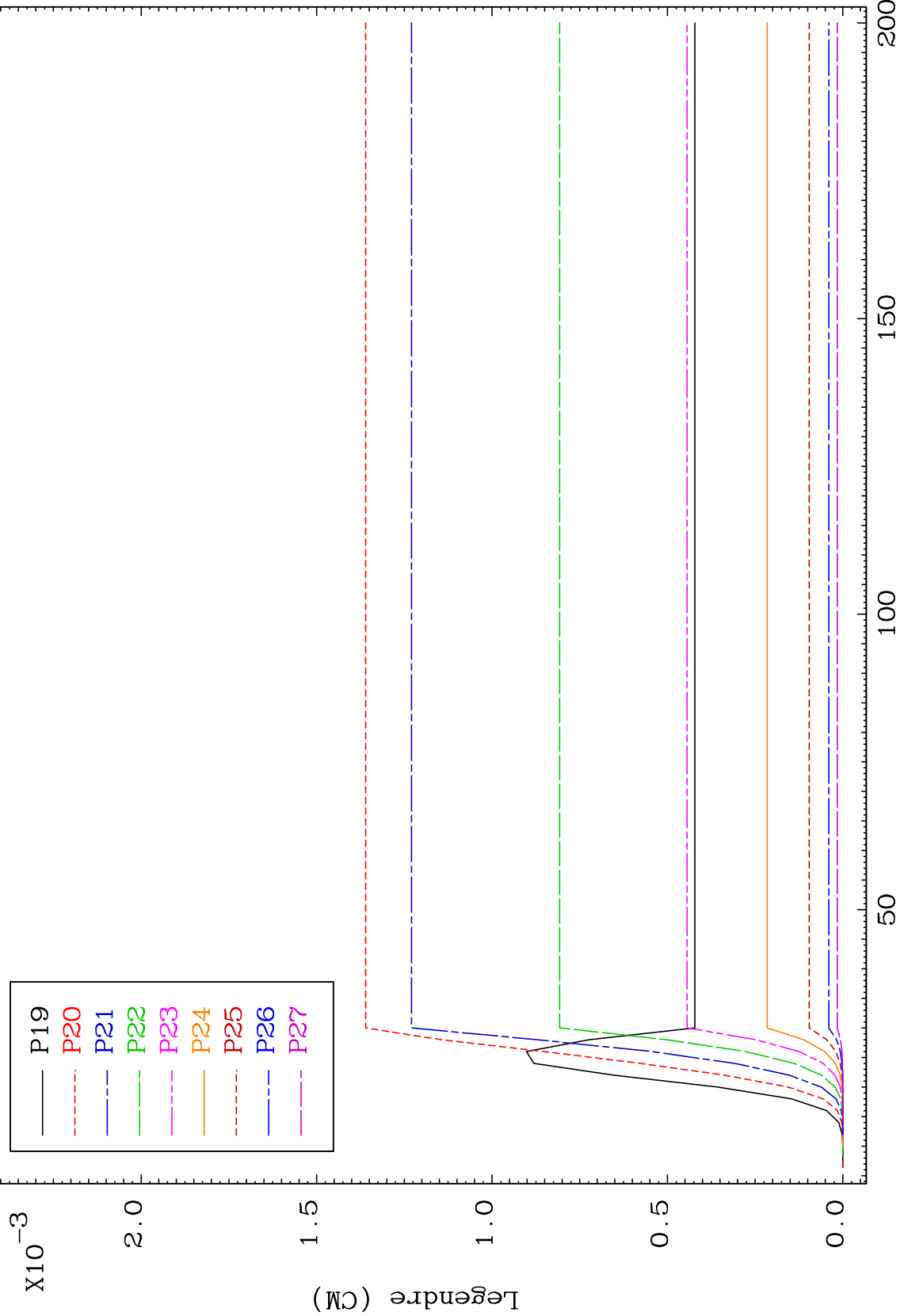
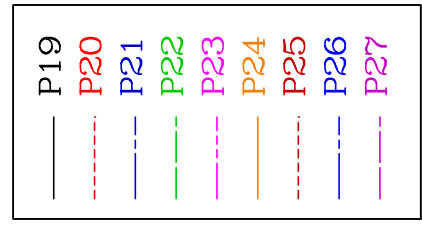




MAT 6616

MT= 63 (n,n') Level  
Legendre Coefficients

66-Dy-153



72

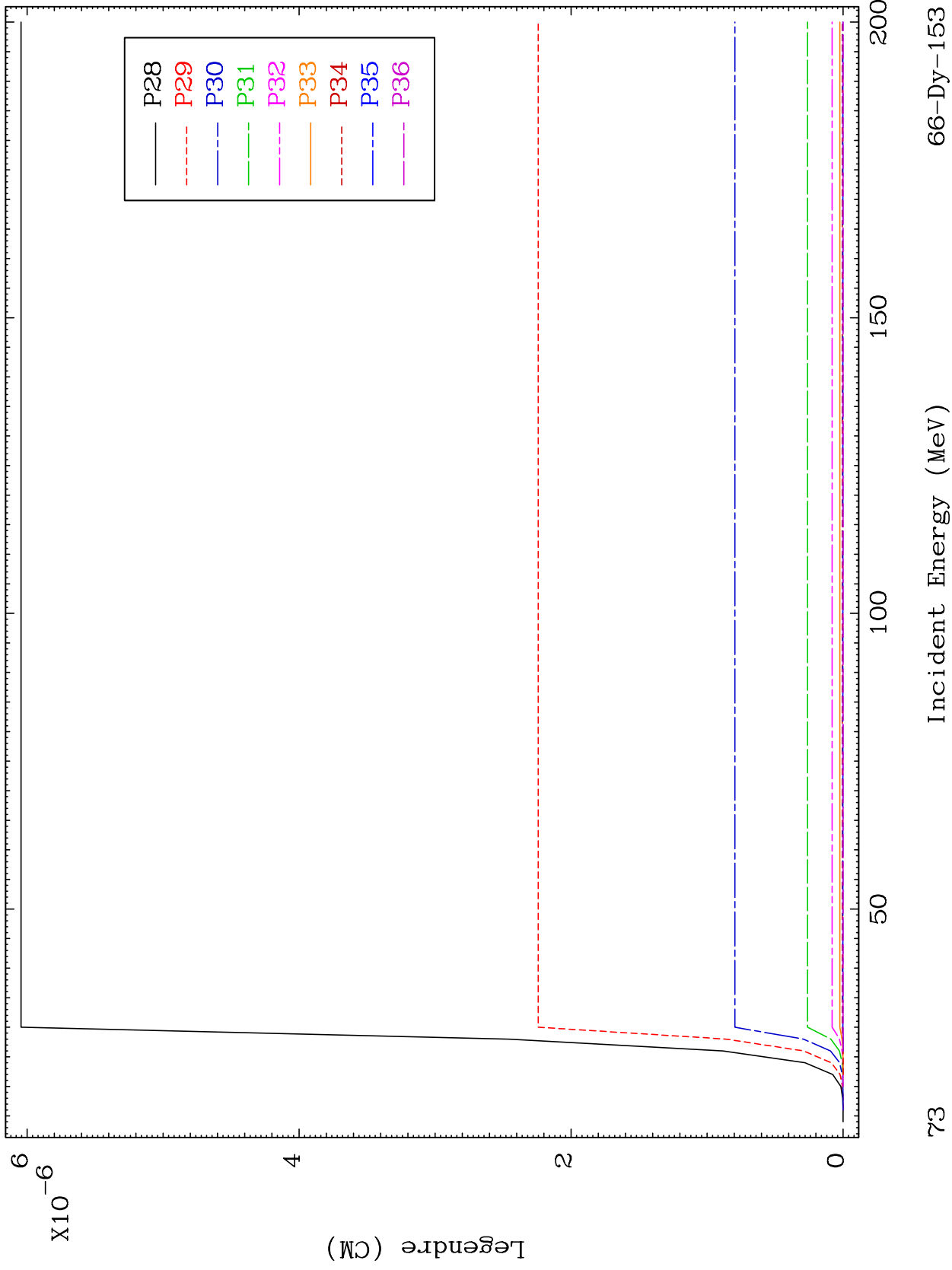
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 63 (n,n') Level  
Legendre Coefficients

66-Dy-153



73

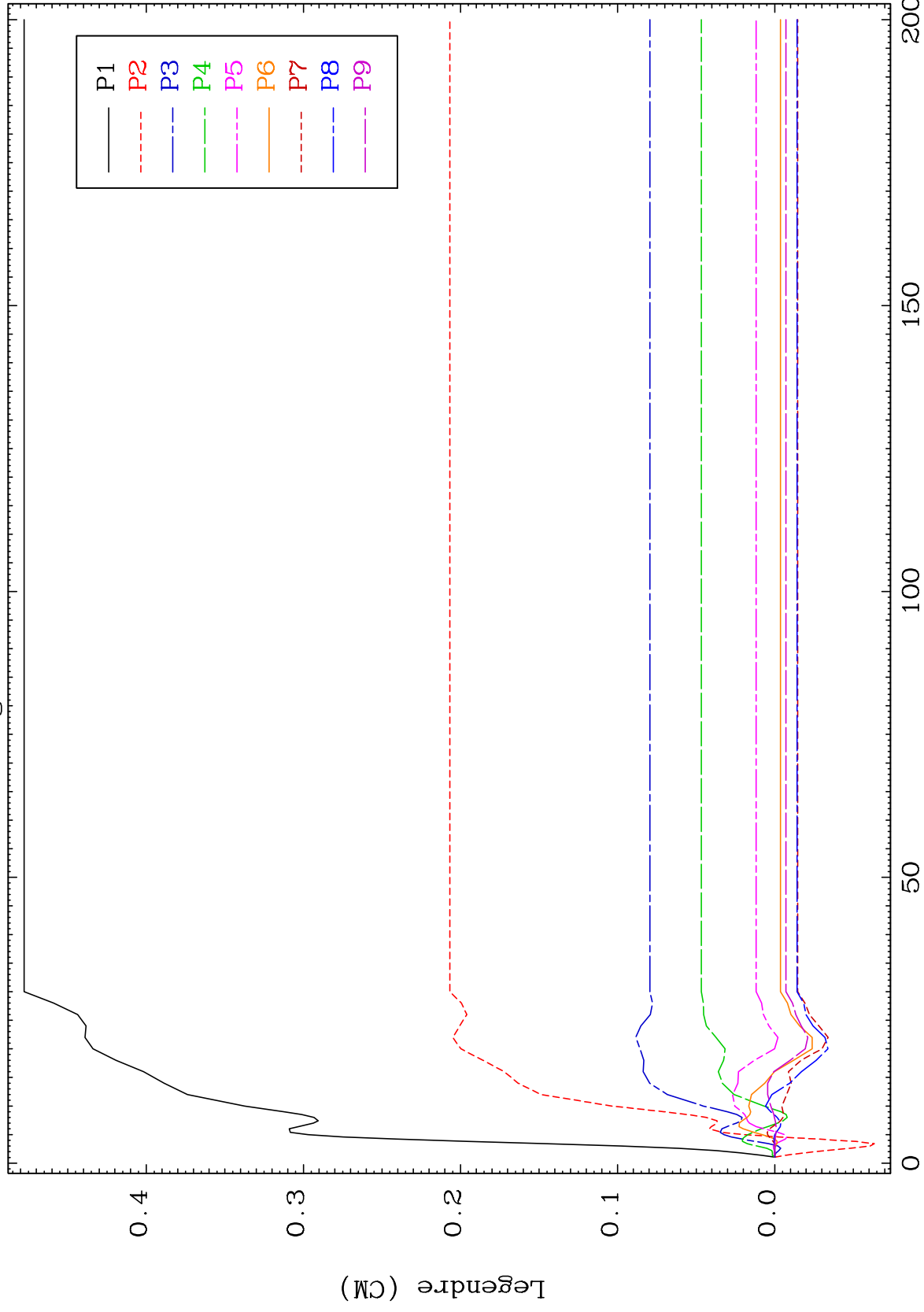
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 64 (n,n') Level  
Legendre Coefficients

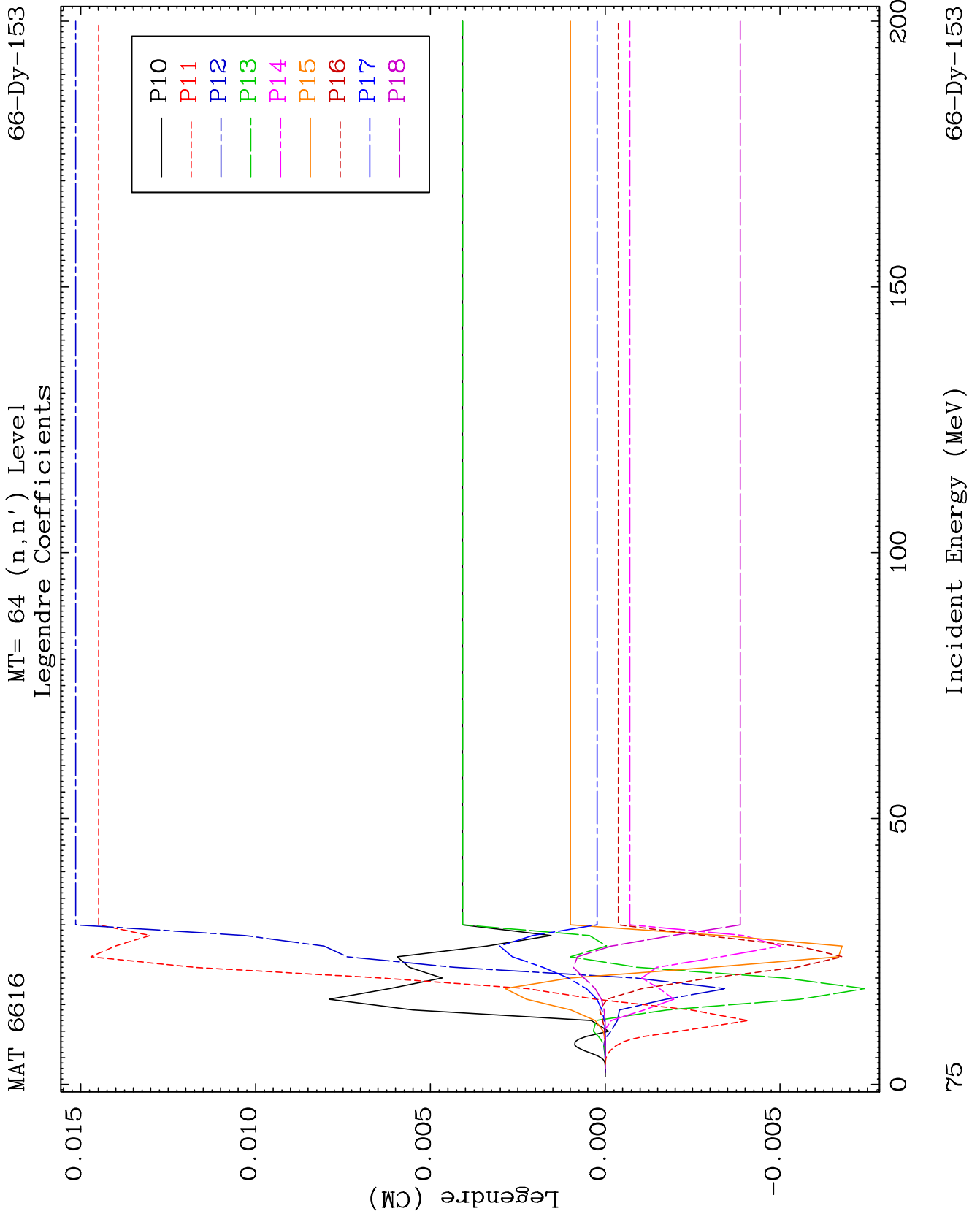
66-Dy-153



74

Incident Energy (MeV)

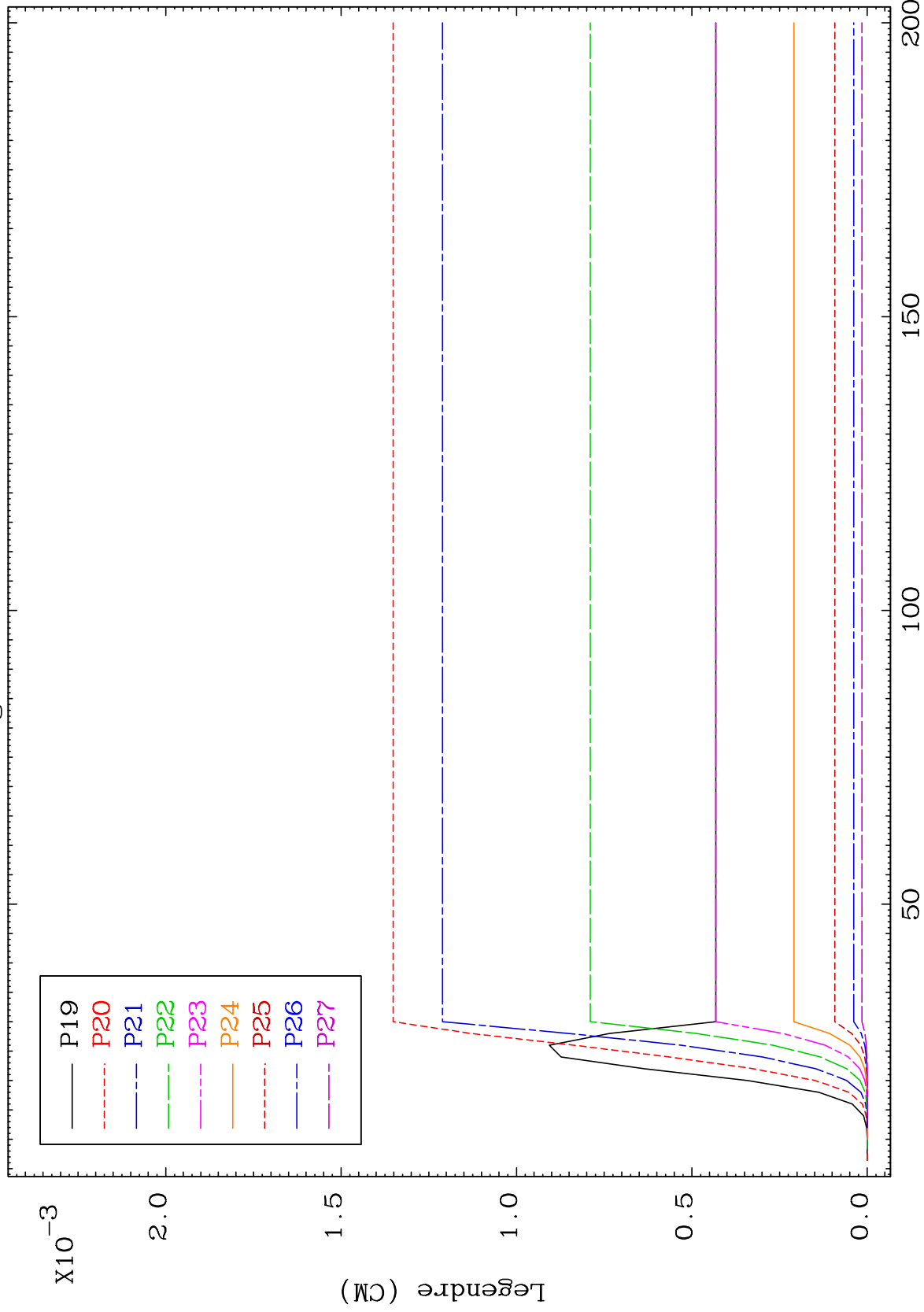
66-Dy-153



MAT 6616

MT= 64 (n,n') Level  
Legendre Coefficients

66-Dy-153



76

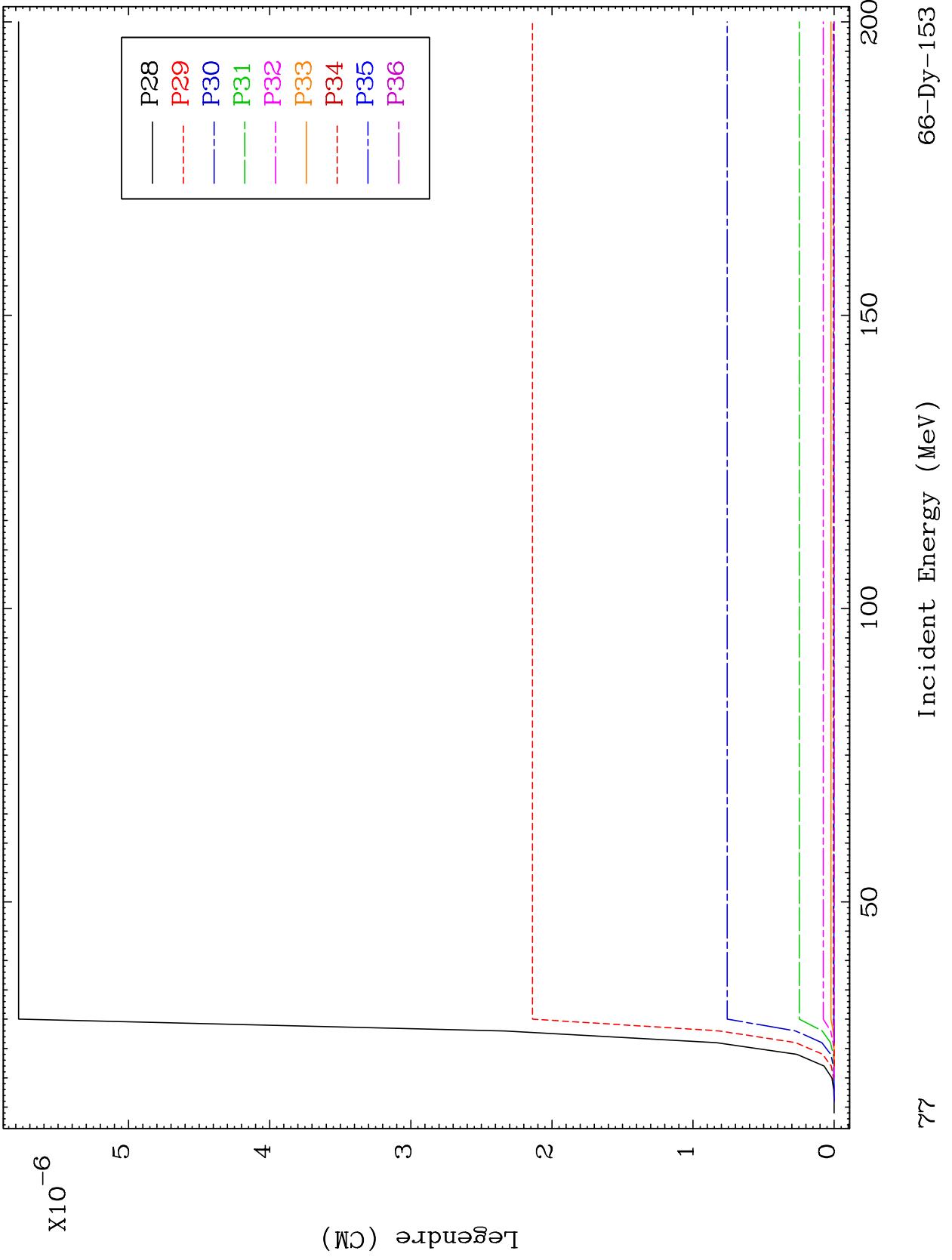
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 64 (n,n') Level  
Legendre Coefficients

66-Dy-153

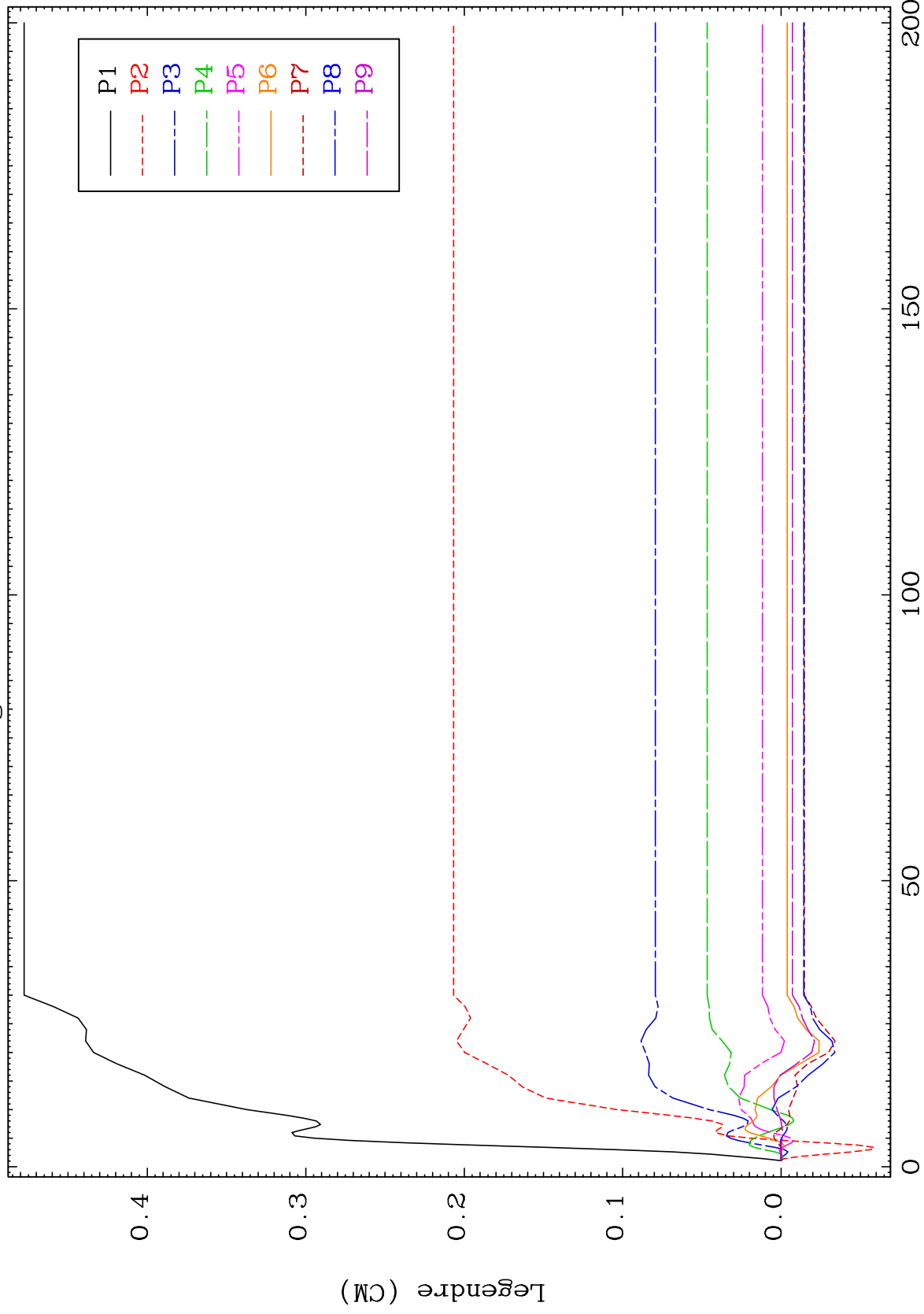


77

MAT 6616

MT= 65 (n,n') Level  
Legendre Coefficients

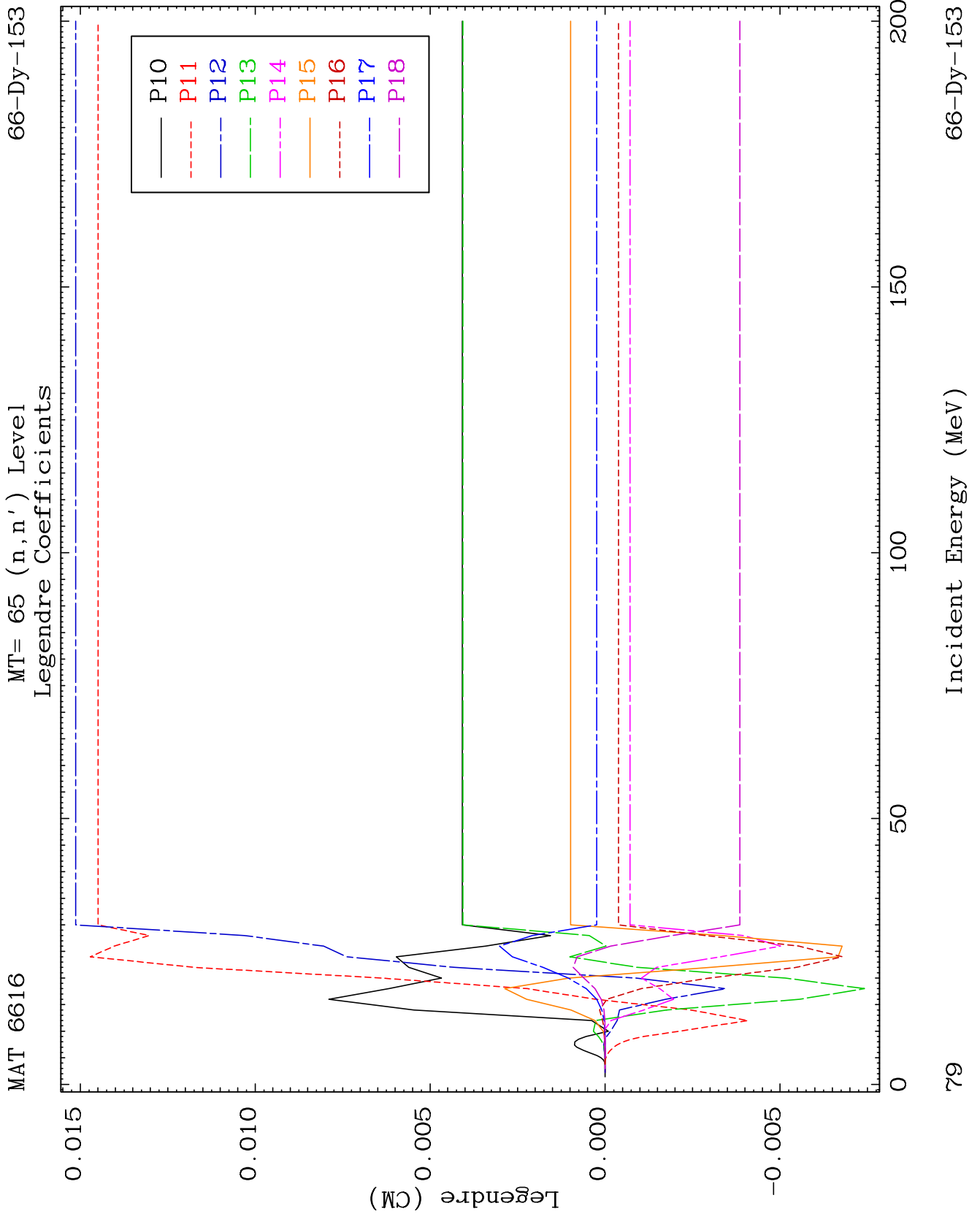
66-Dy-153



78

Incident Energy (MeV)

66-Dy-153

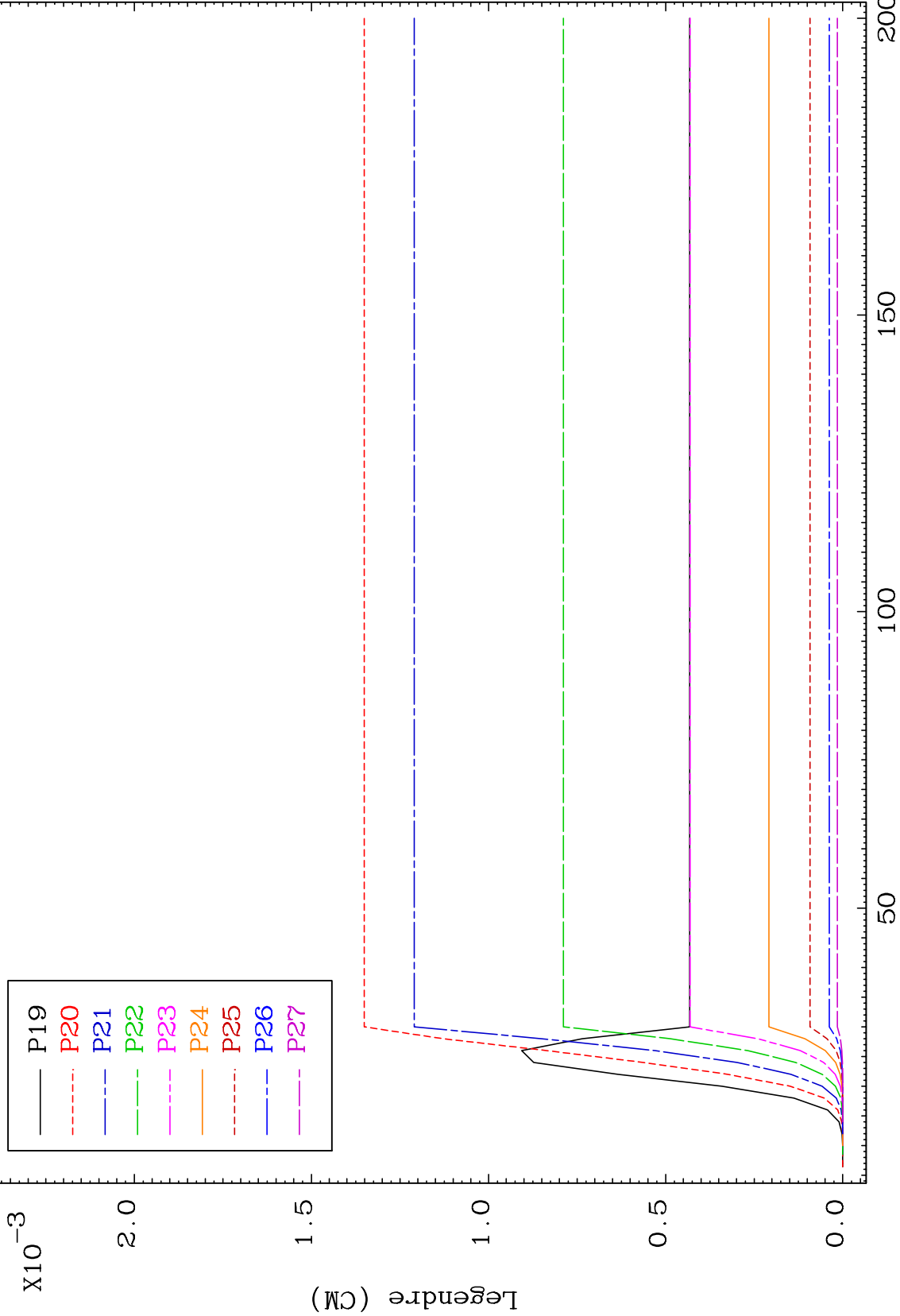
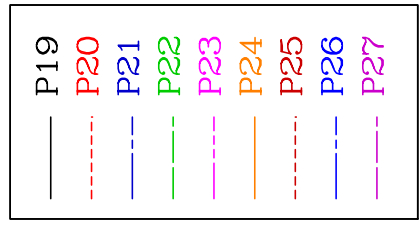




MAT 6616

MT= 65 (n,n') Level  
Legendre Coefficients

66-Dy-153



80

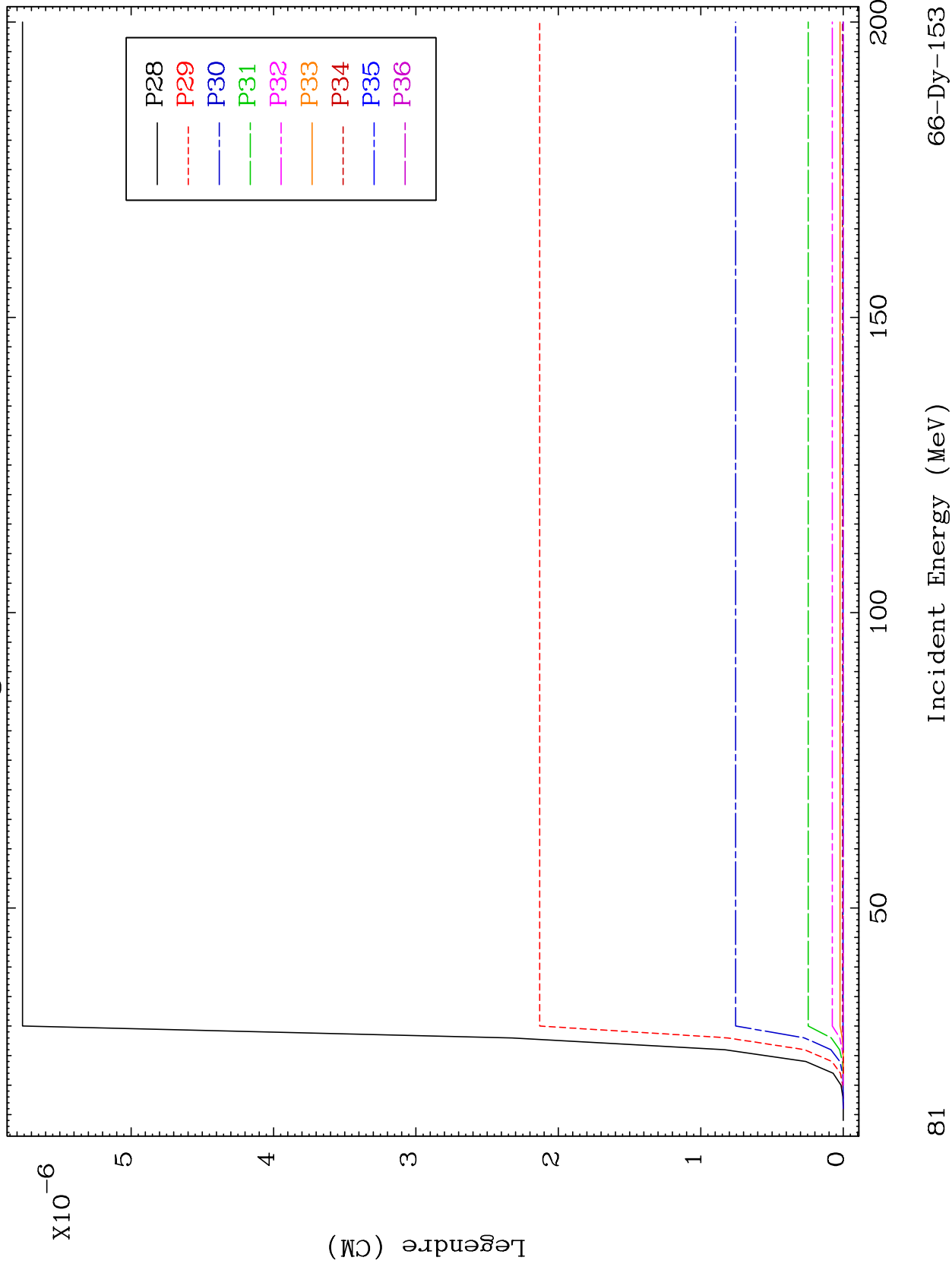
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 65 (n,n') Level  
Legendre Coefficients

66-Dy-153

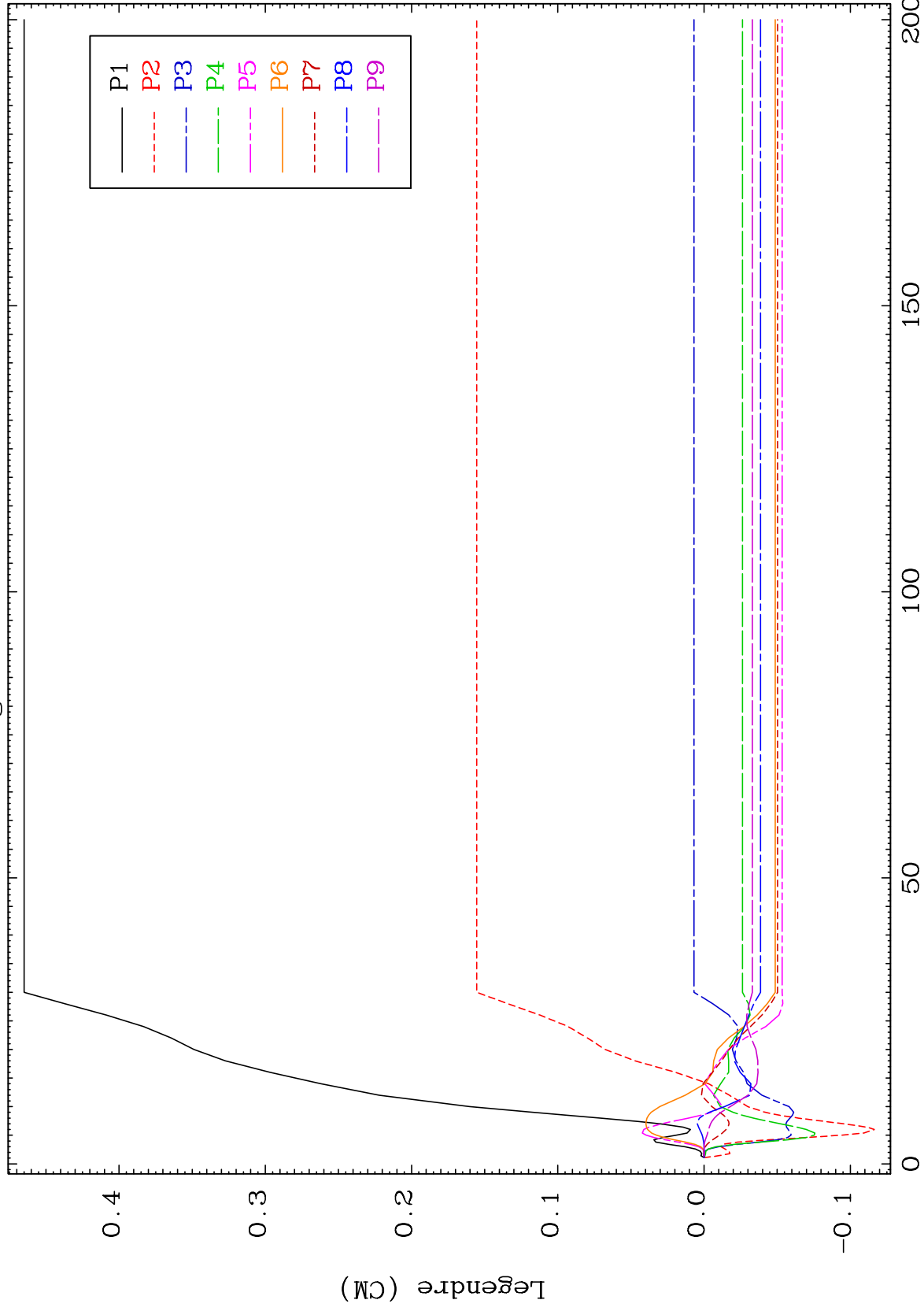


81

MAT 6616

MT= 66 (n,n') Level  
Legendre Coefficients

66-Dy-153



82

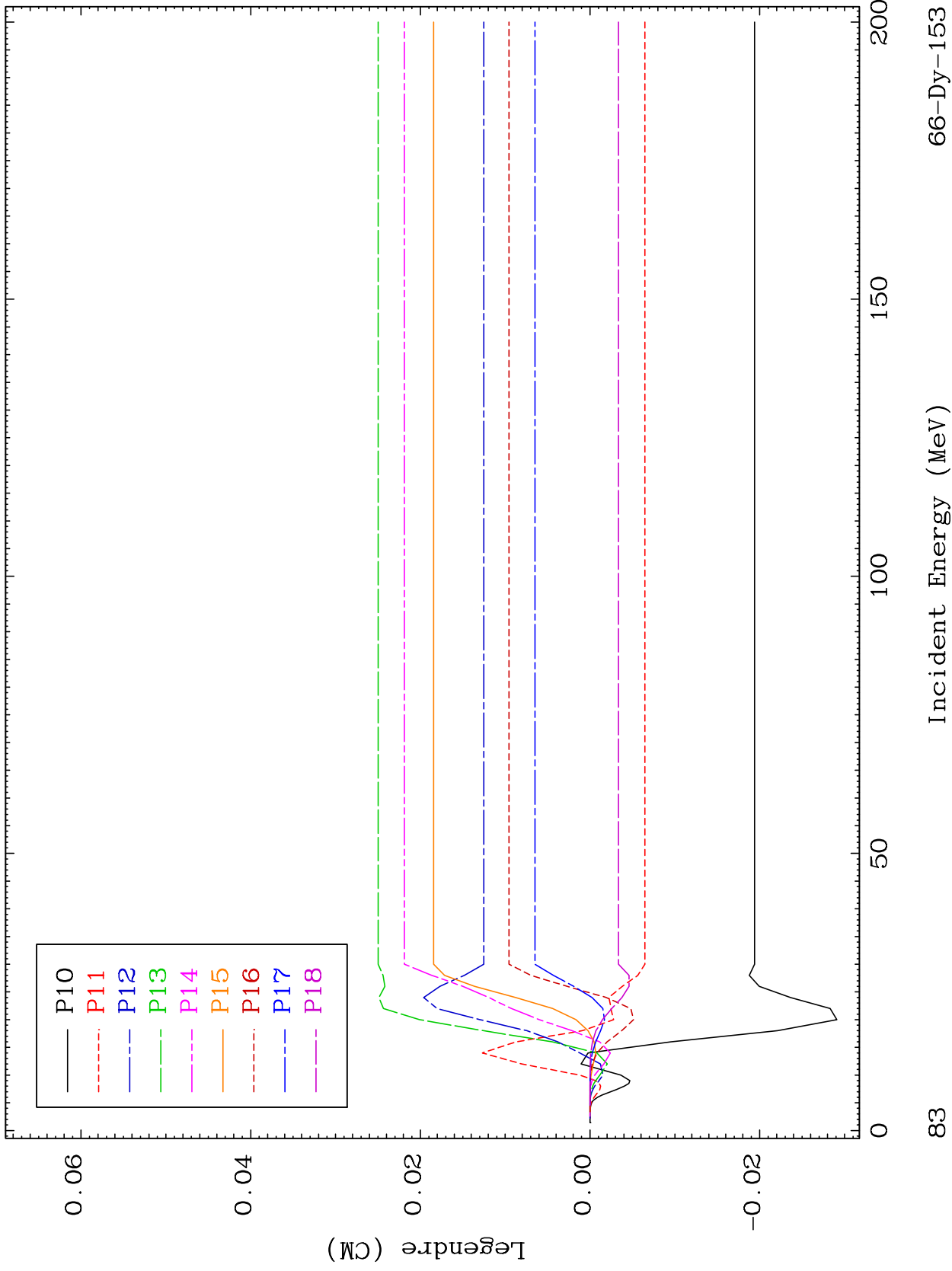
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 66 (n,n') Level  
Legendre Coefficients

66-Dy-153



83

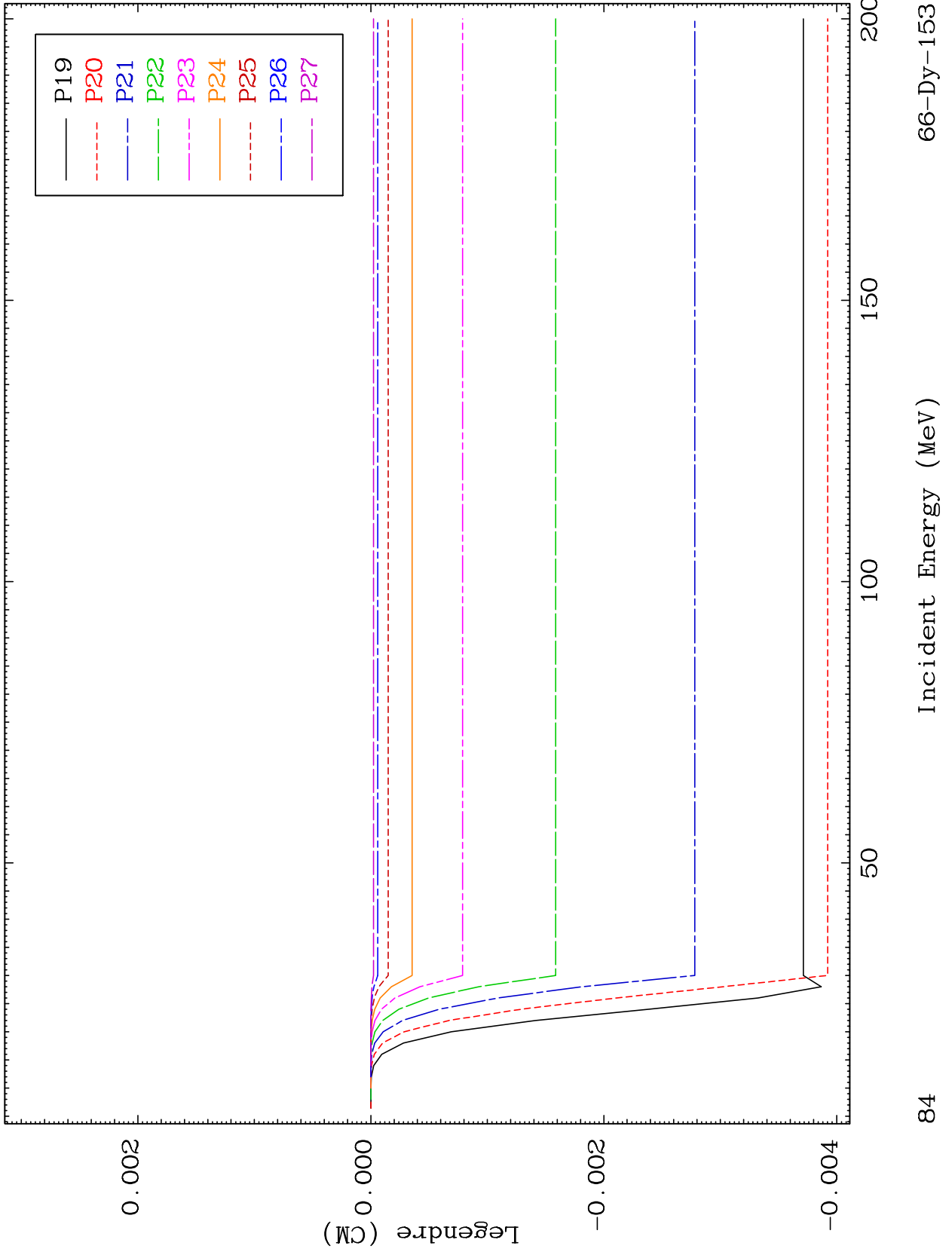
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 66 (n,n') Level  
Legendre Coefficients

66-Dy-153



84

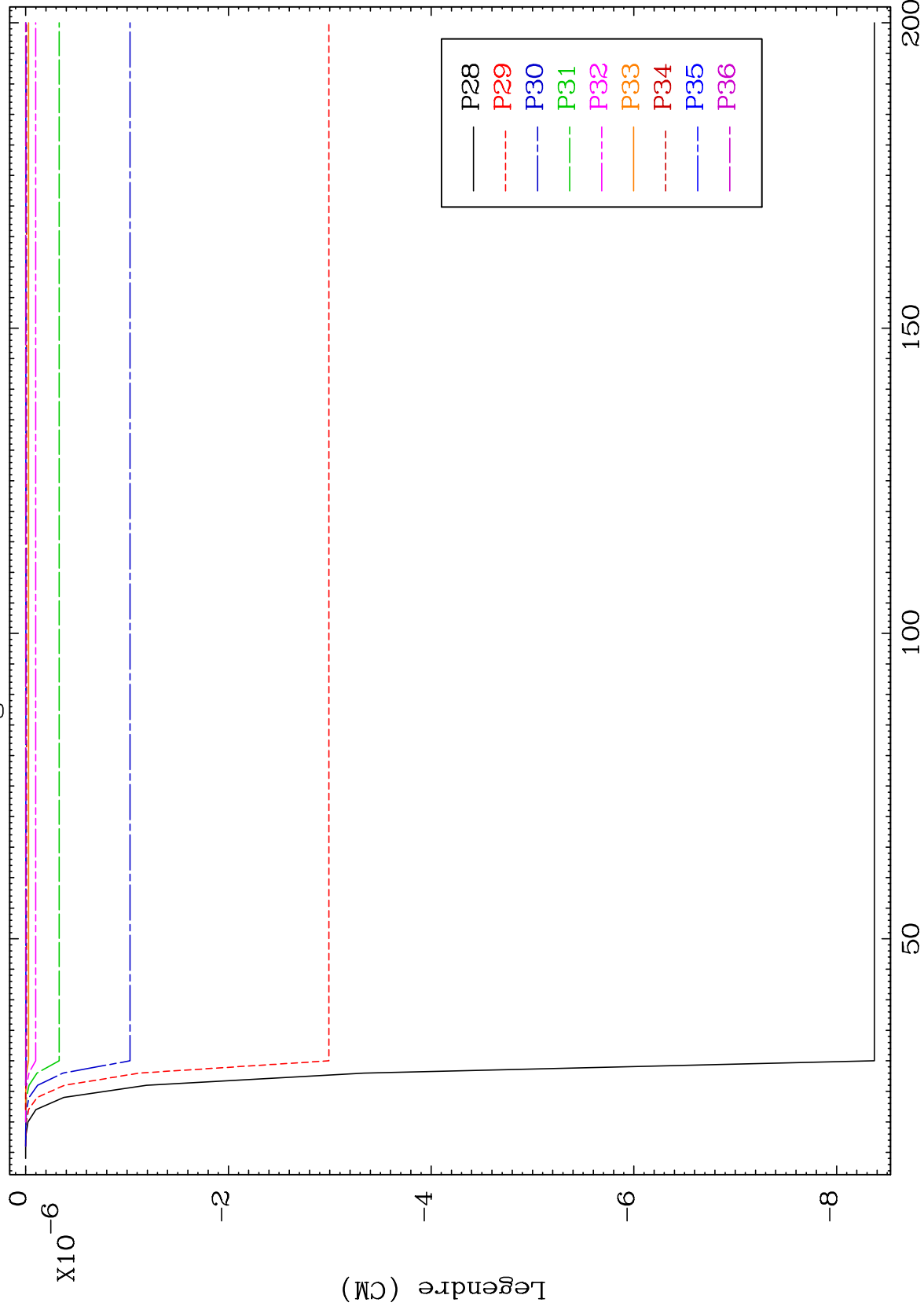
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 66 (n,n') Level  
Legendre Coefficients

66-Dy-153



85

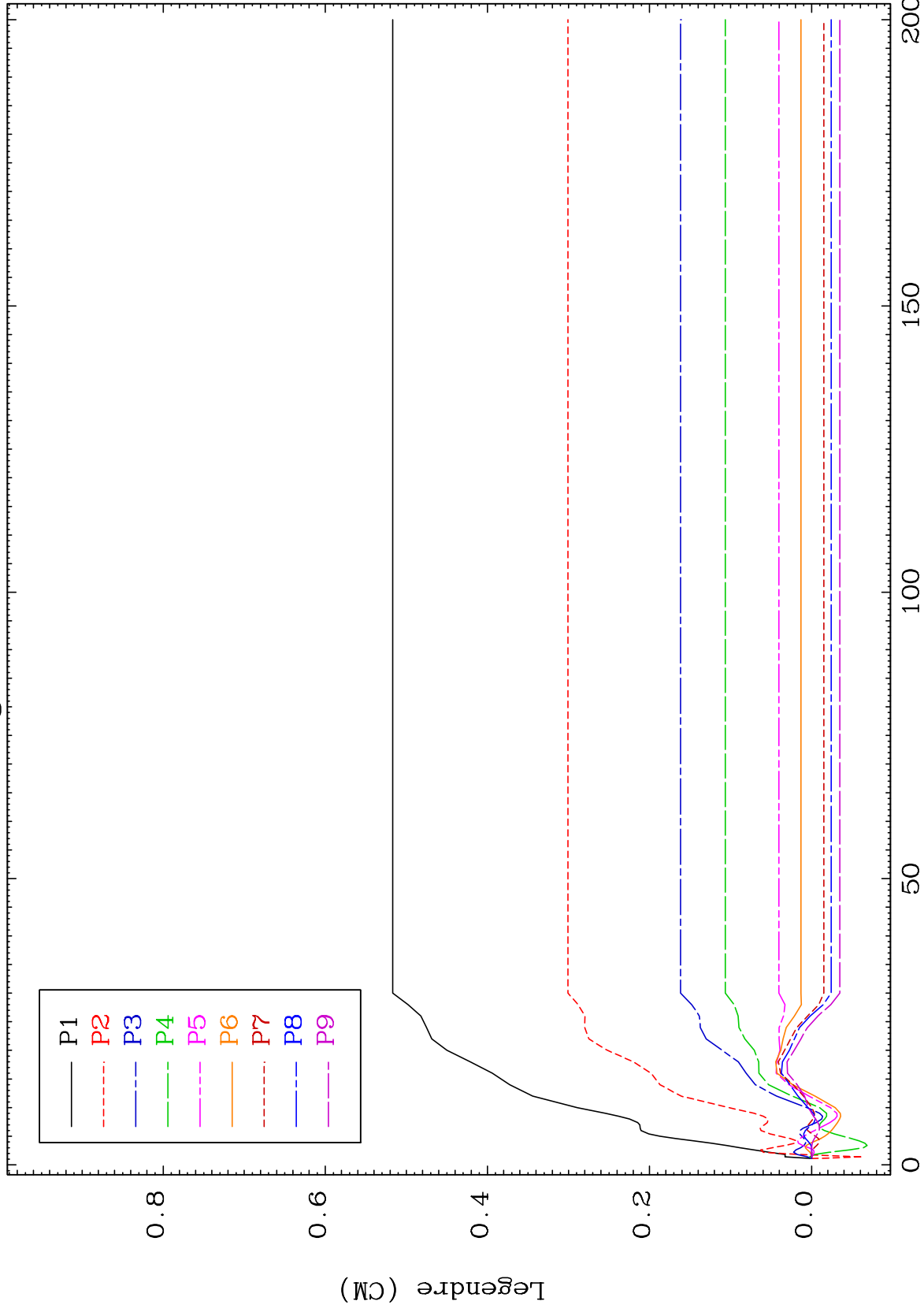
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 67 (n,n') Level  
Legendre Coefficients

66-Dy-153



86

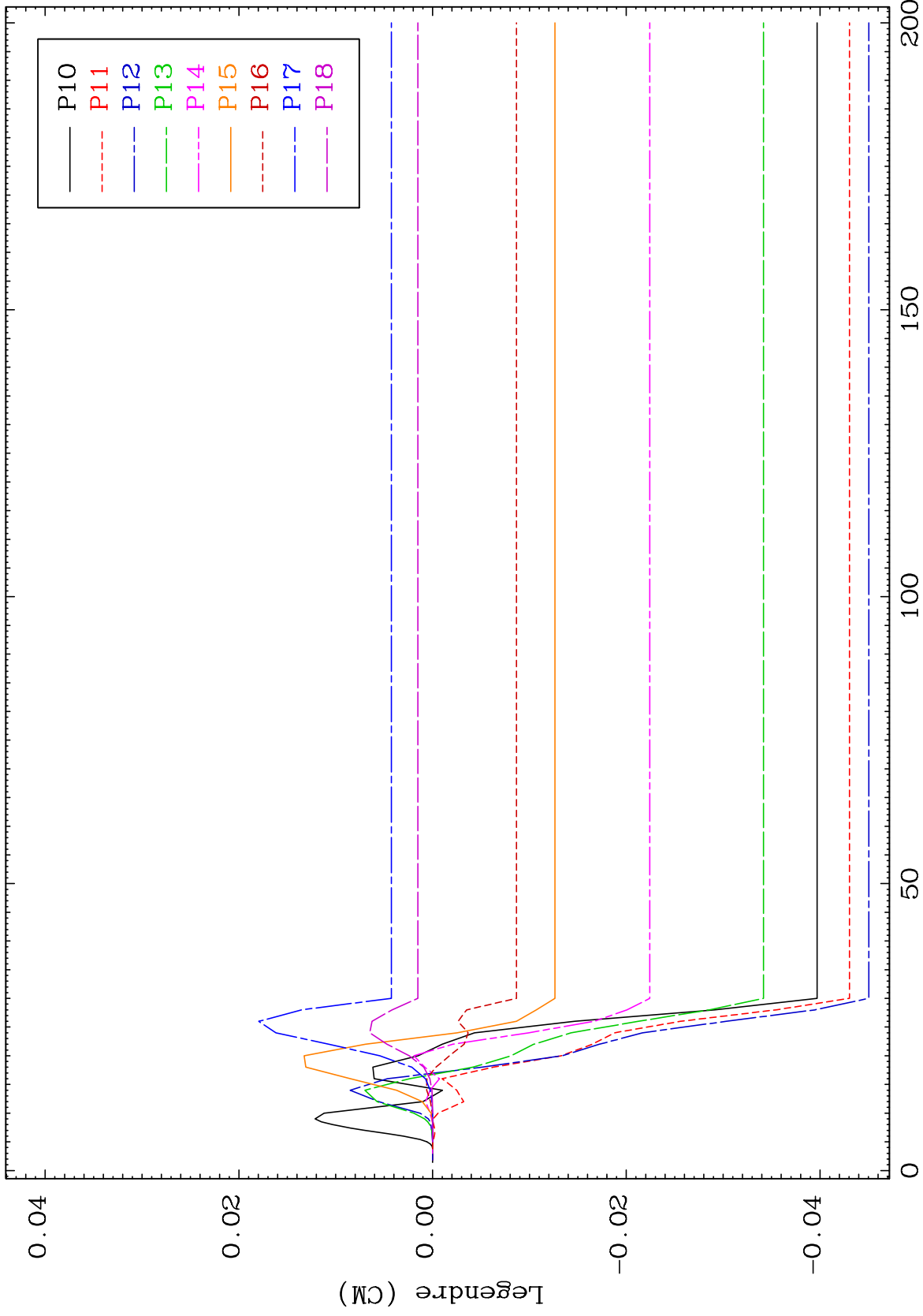
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 67 (n,n') Level  
Legendre Coefficients

66-Dy-153

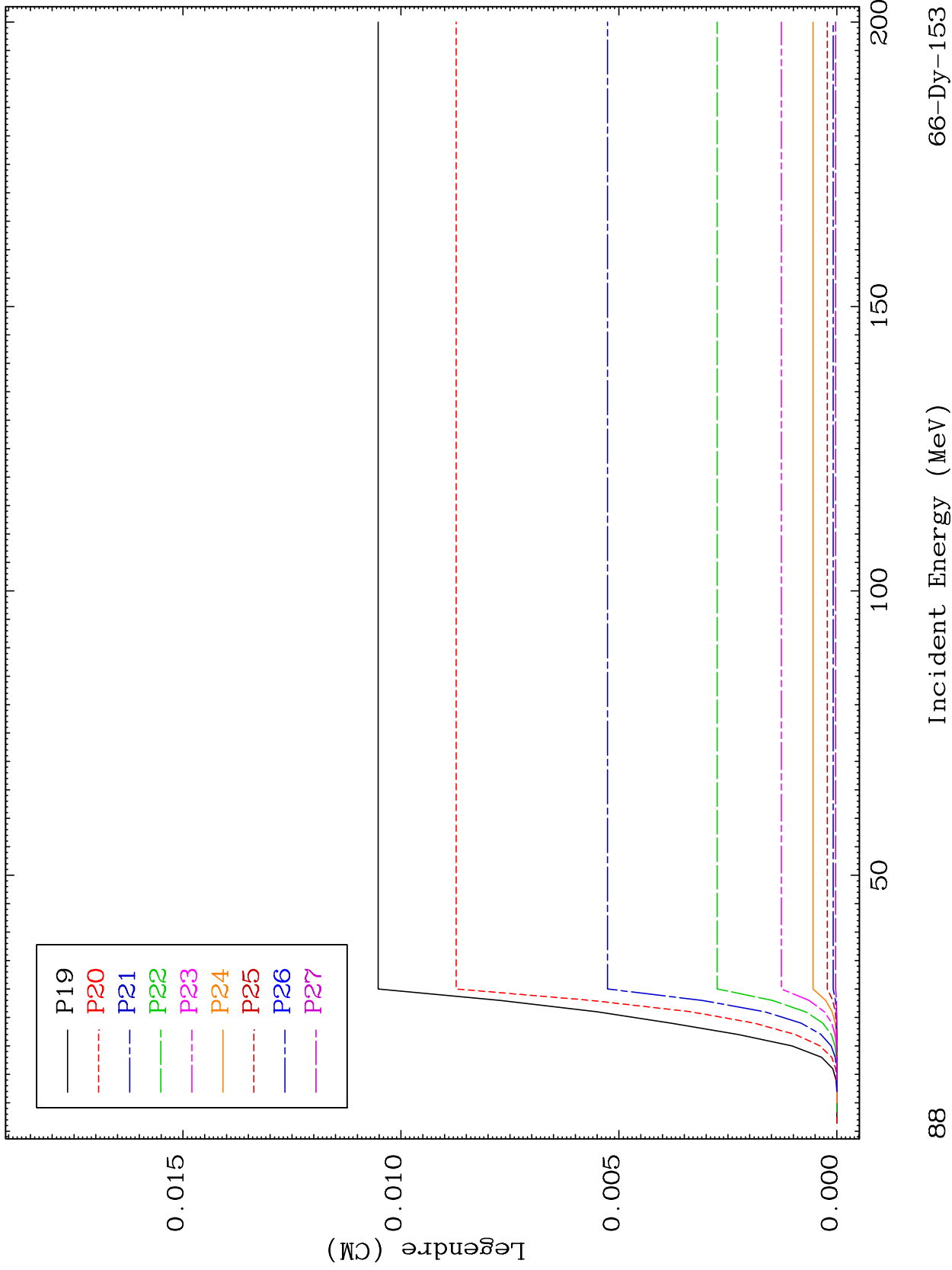


87

Incident Energy (MeV)

66-Dy-153

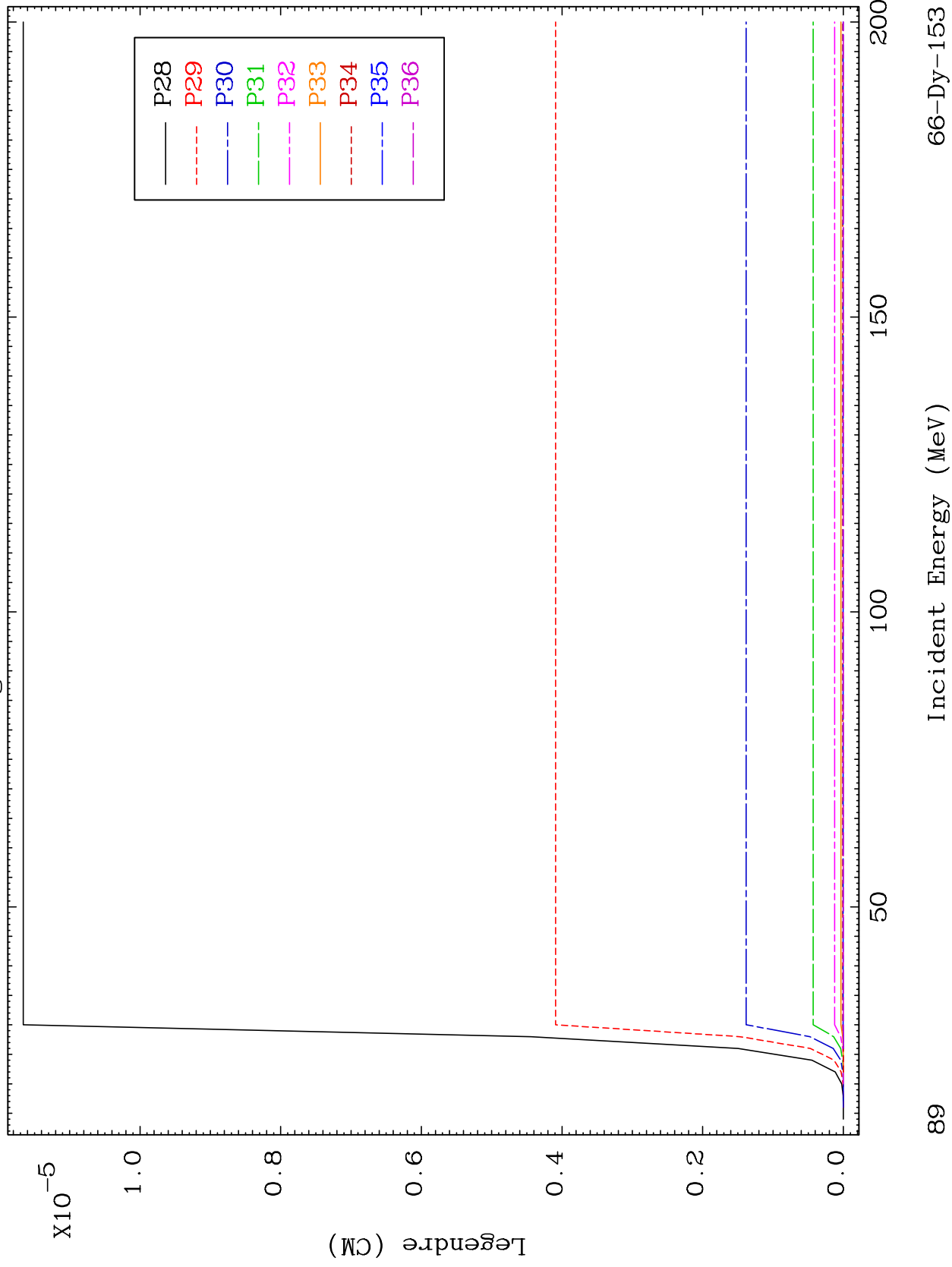




MAT 6616

MT= 67 (n,n') Level  
Legendre Coefficients

66-Dy-153



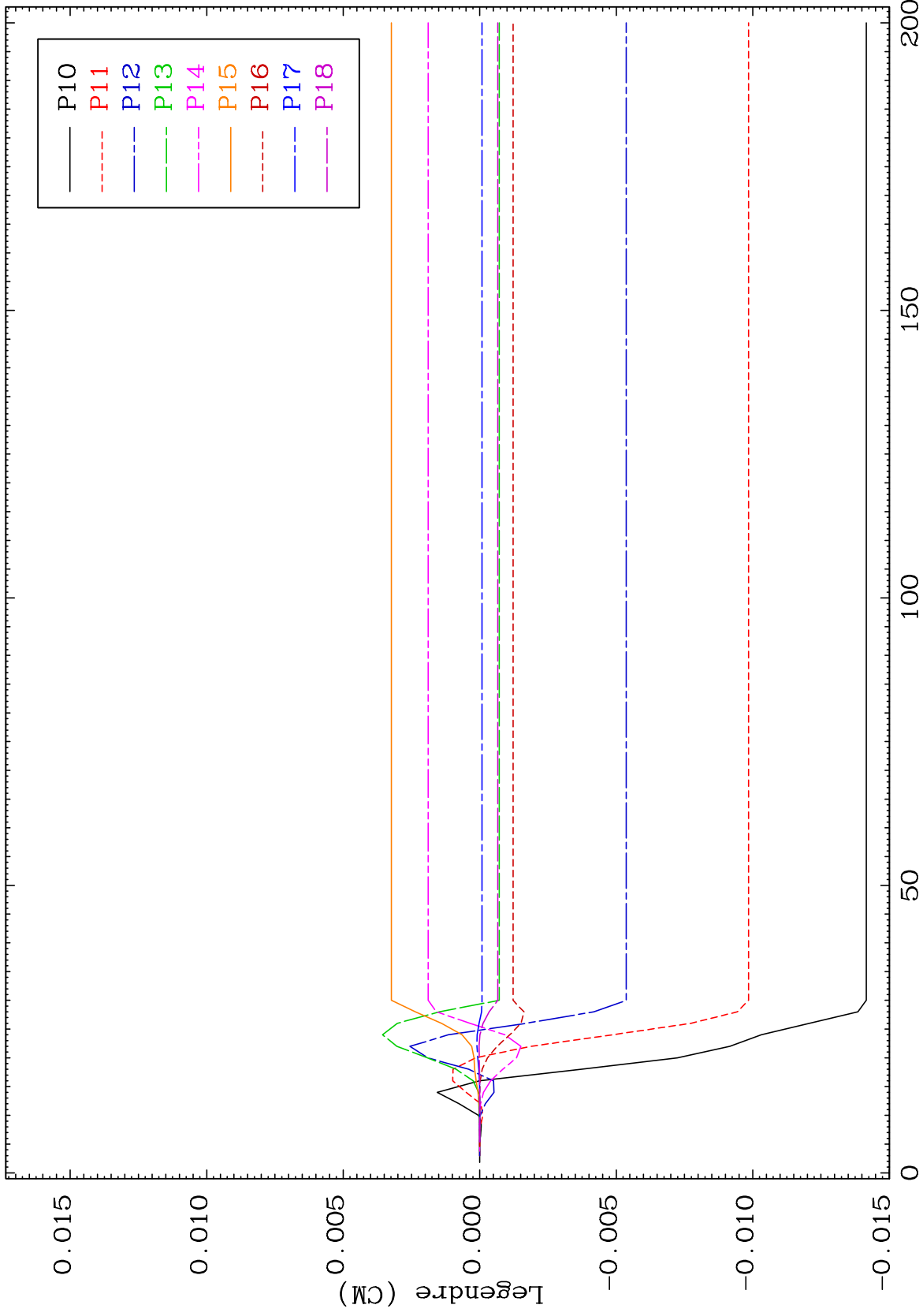
89



MAT 6616

MT= 68 (n,n') Level  
Legendre Coefficients

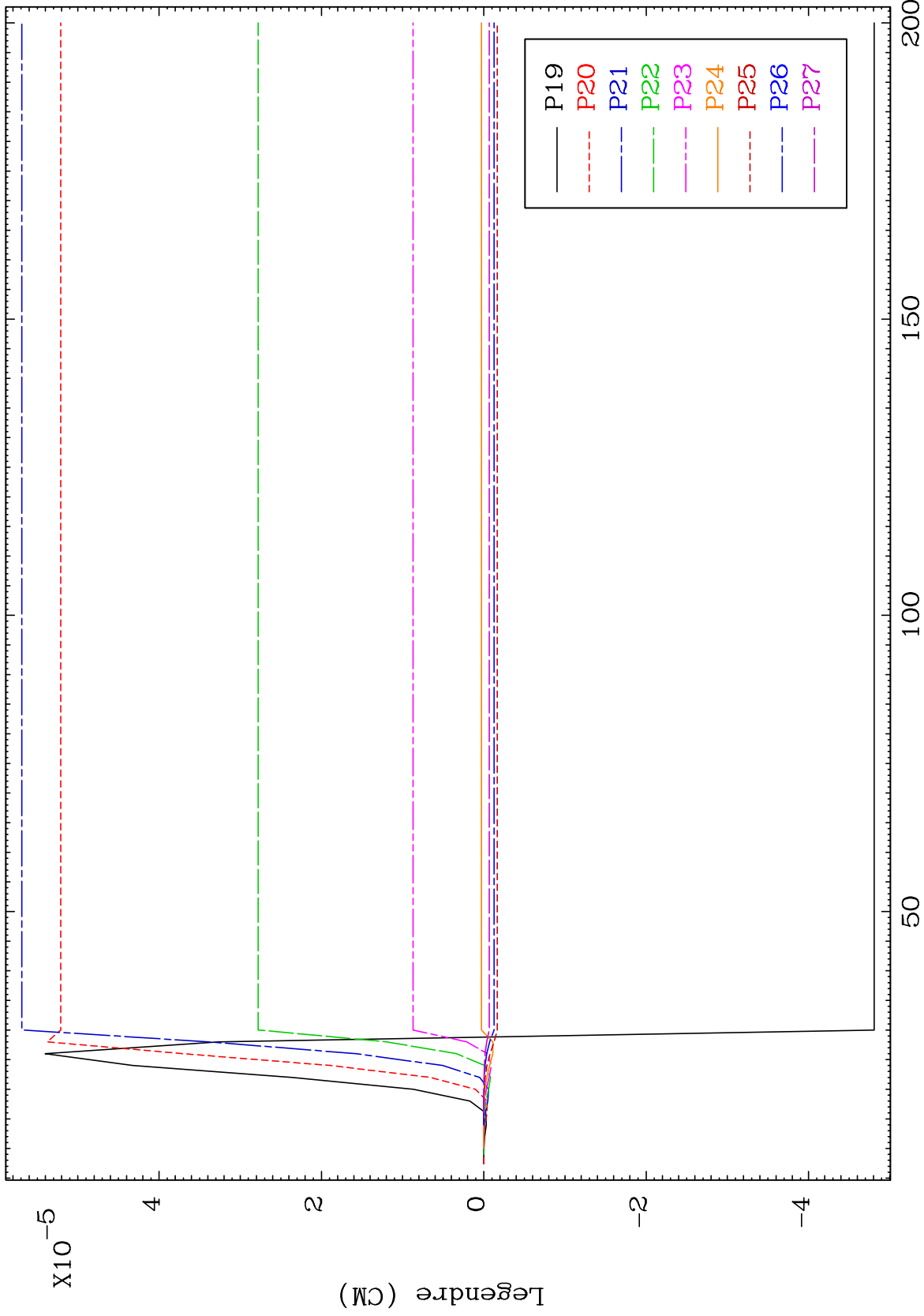
66-Dy-153

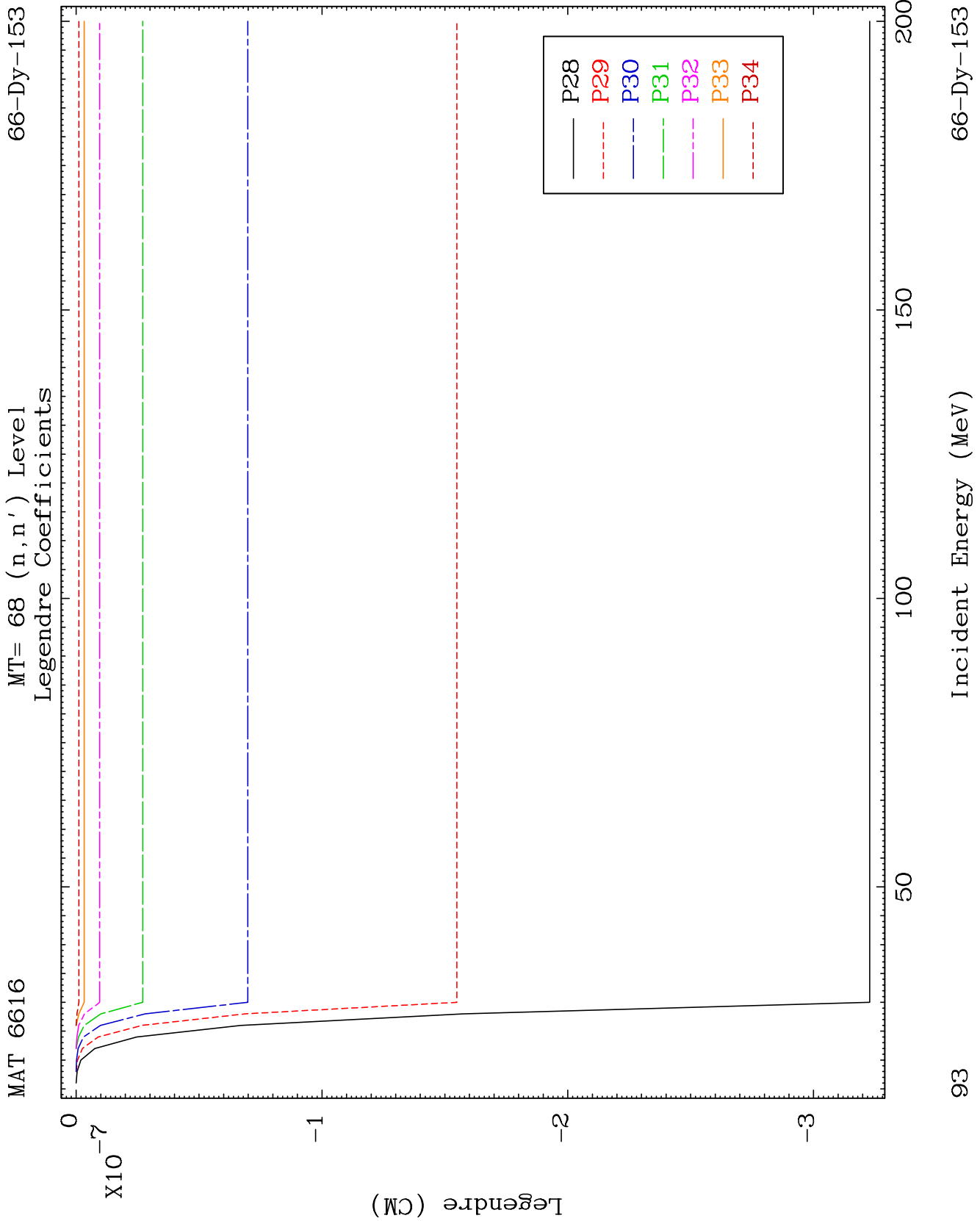


91

Incident Energy (MeV)

66-Dy-153

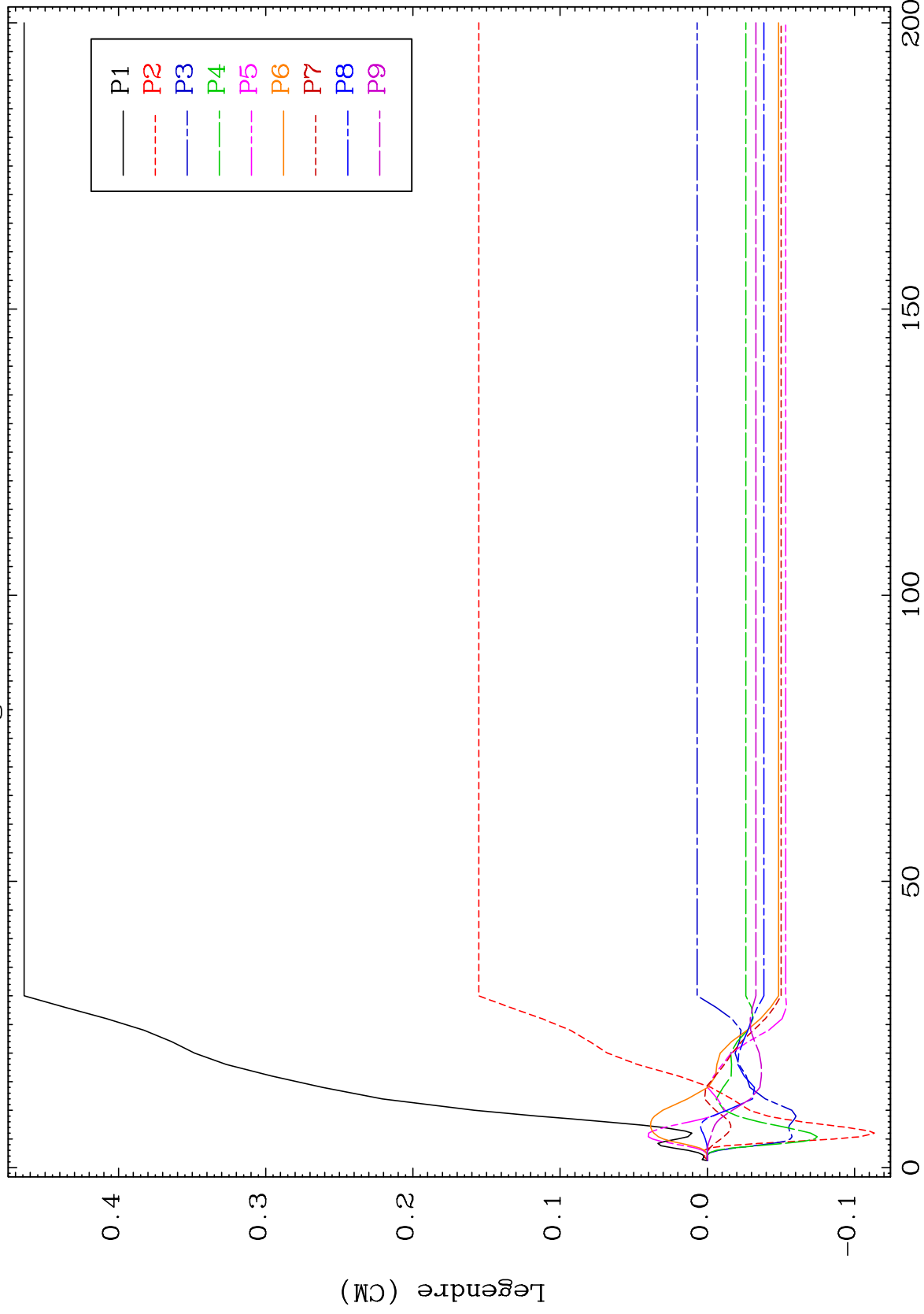




MAT 6616

MT= 69 (n,n') Level  
Legendre Coefficients

66-Dy-153



94

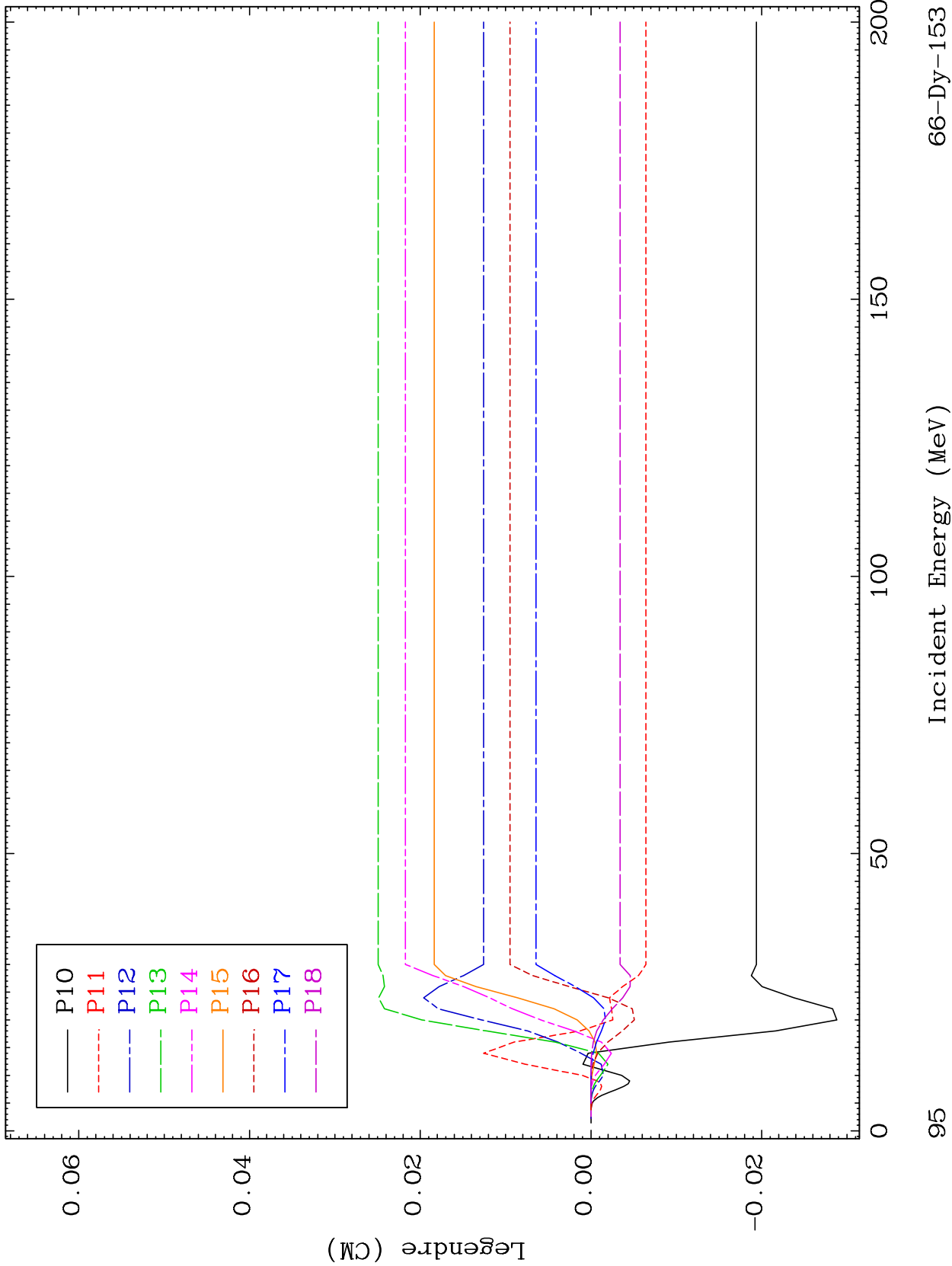
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 69 (n,n') Level Legendre Coefficients

66-Dy-153



66-Dy-153

Incident Energy (MeV)

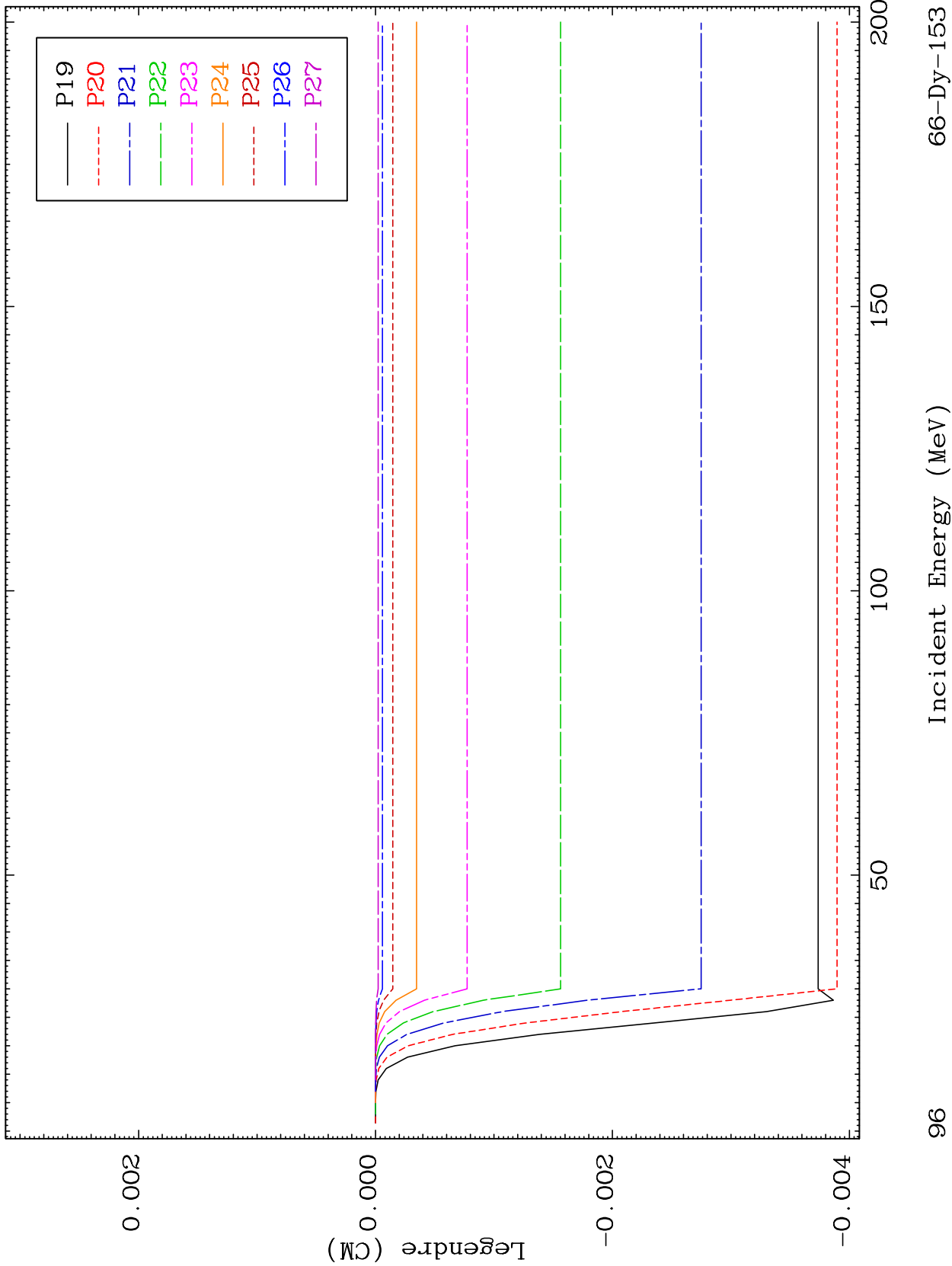
95



MAT 6616

MT= 69 (n,n') Level Legendre Coefficients

66-Dy-153



96

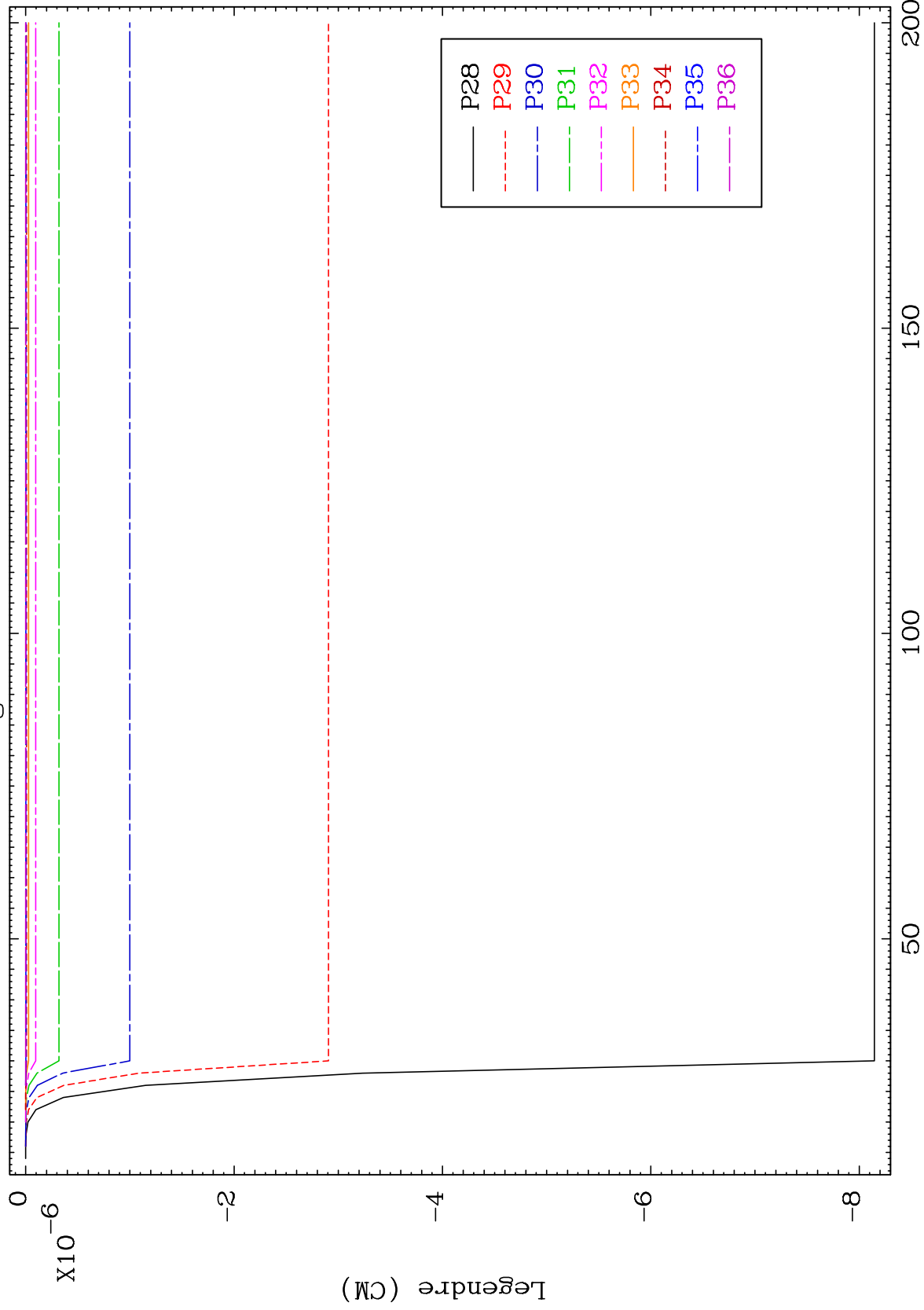
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 69 (n,n') Level  
Legendre Coefficients

66-Dy-153



97

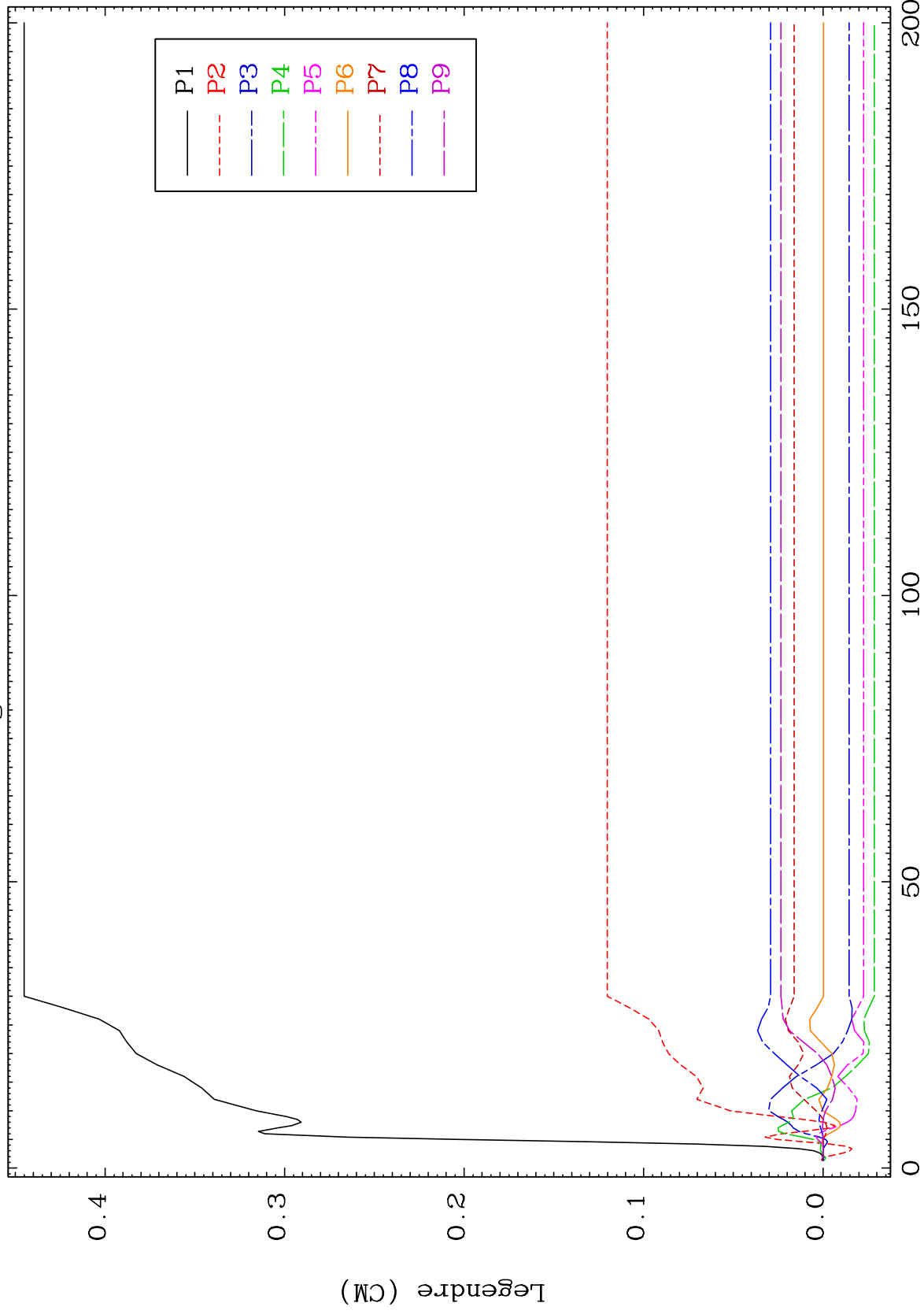
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 70 (n,n') Level  
Legendre Coefficients

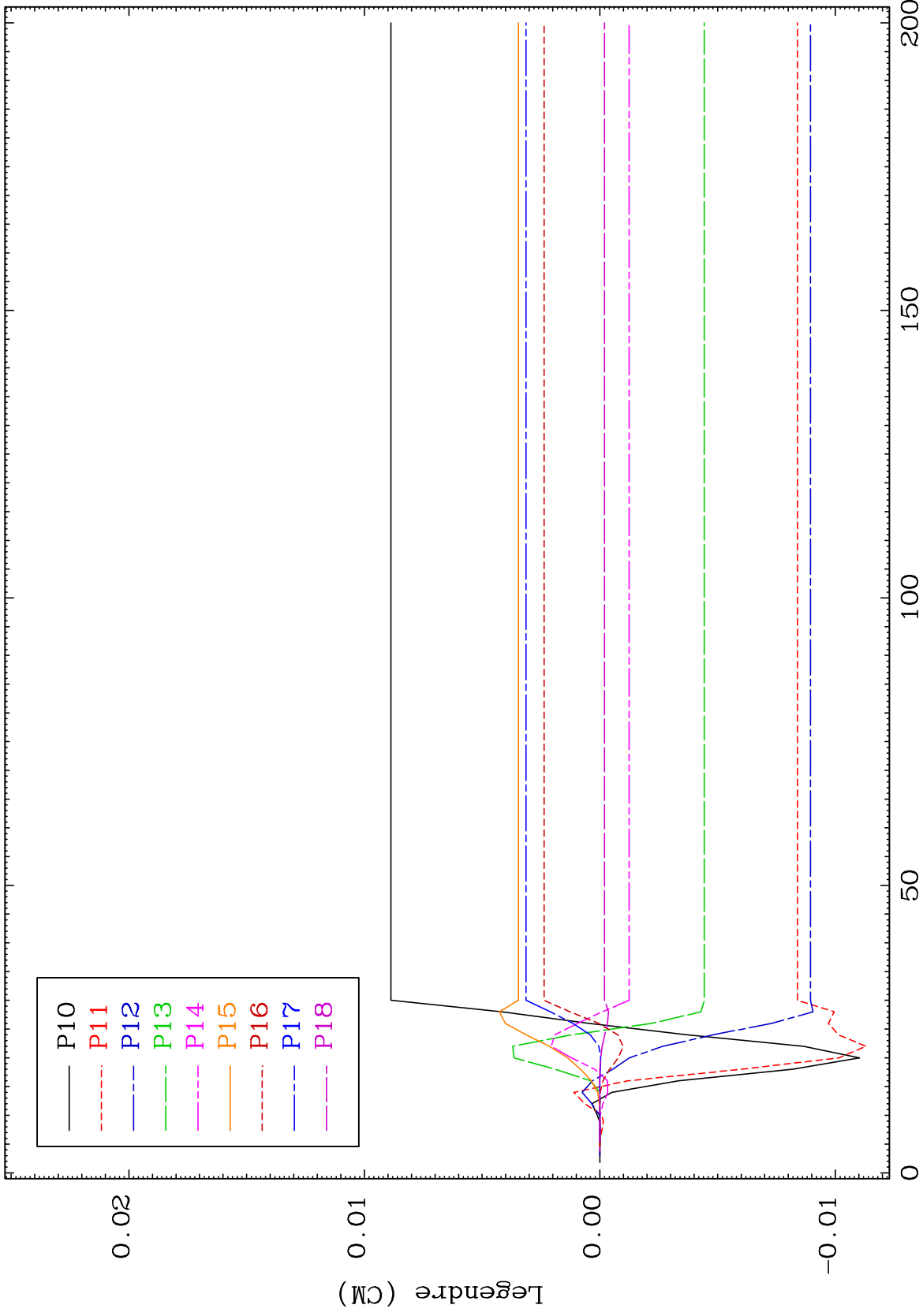
66-Dy-153



98

Incident Energy (MeV)

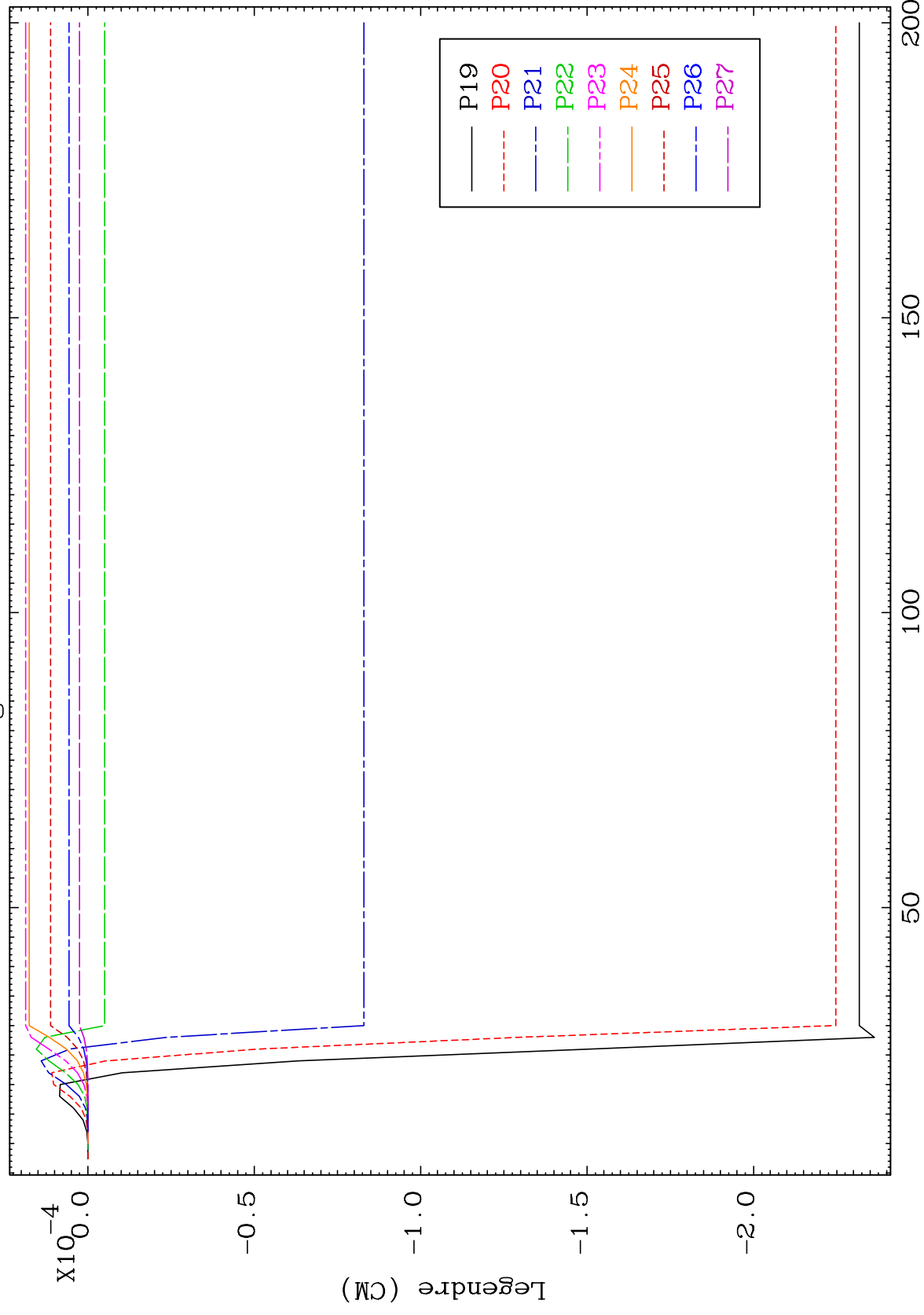
66-Dy-153



MAT 6616

MT= 70 (n,n') Level  
Legendre Coefficients

66-Dy-153



100

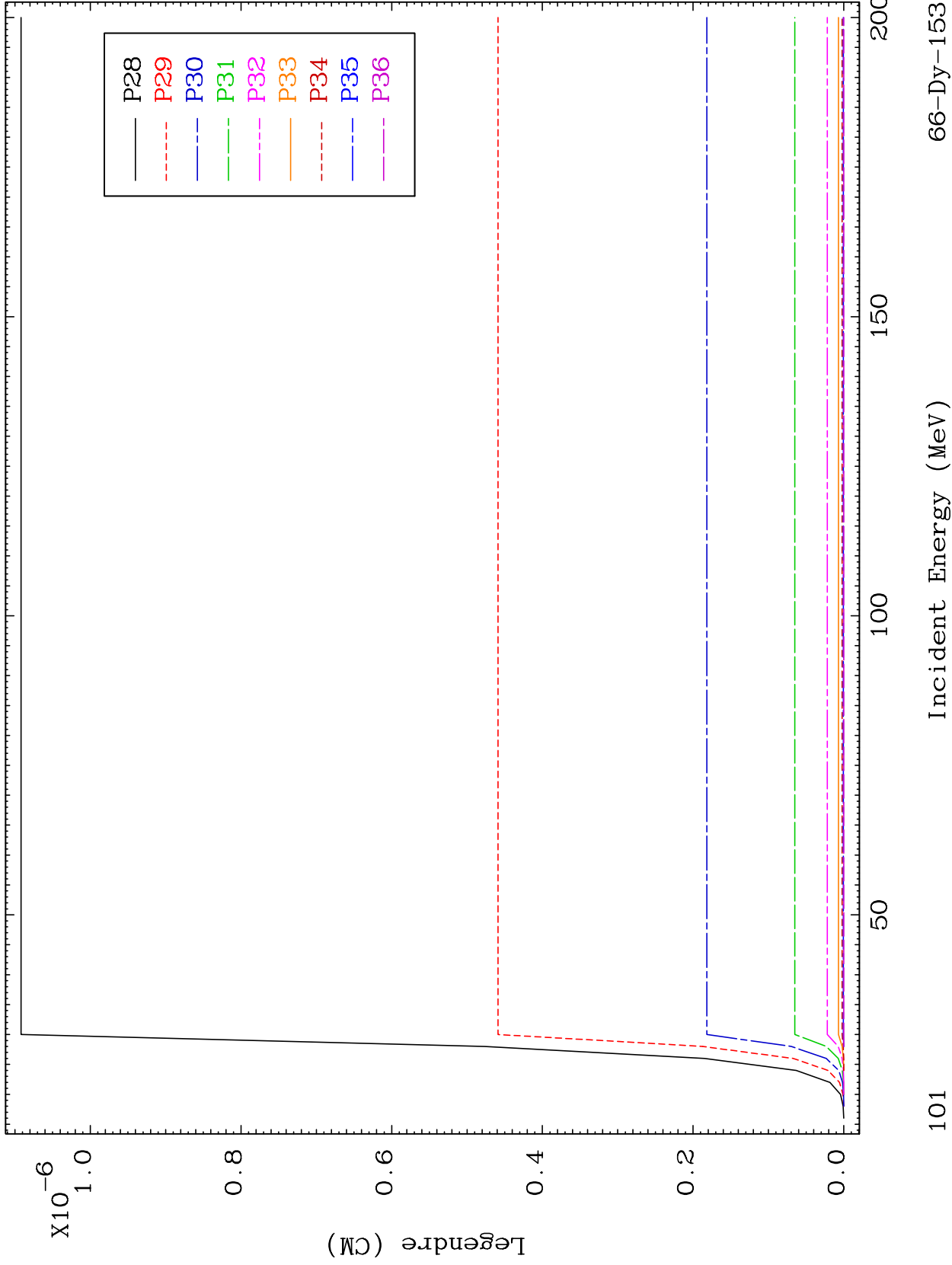
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 70 (n,n') Level  
Legendre Coefficients

66-Dy-153



101

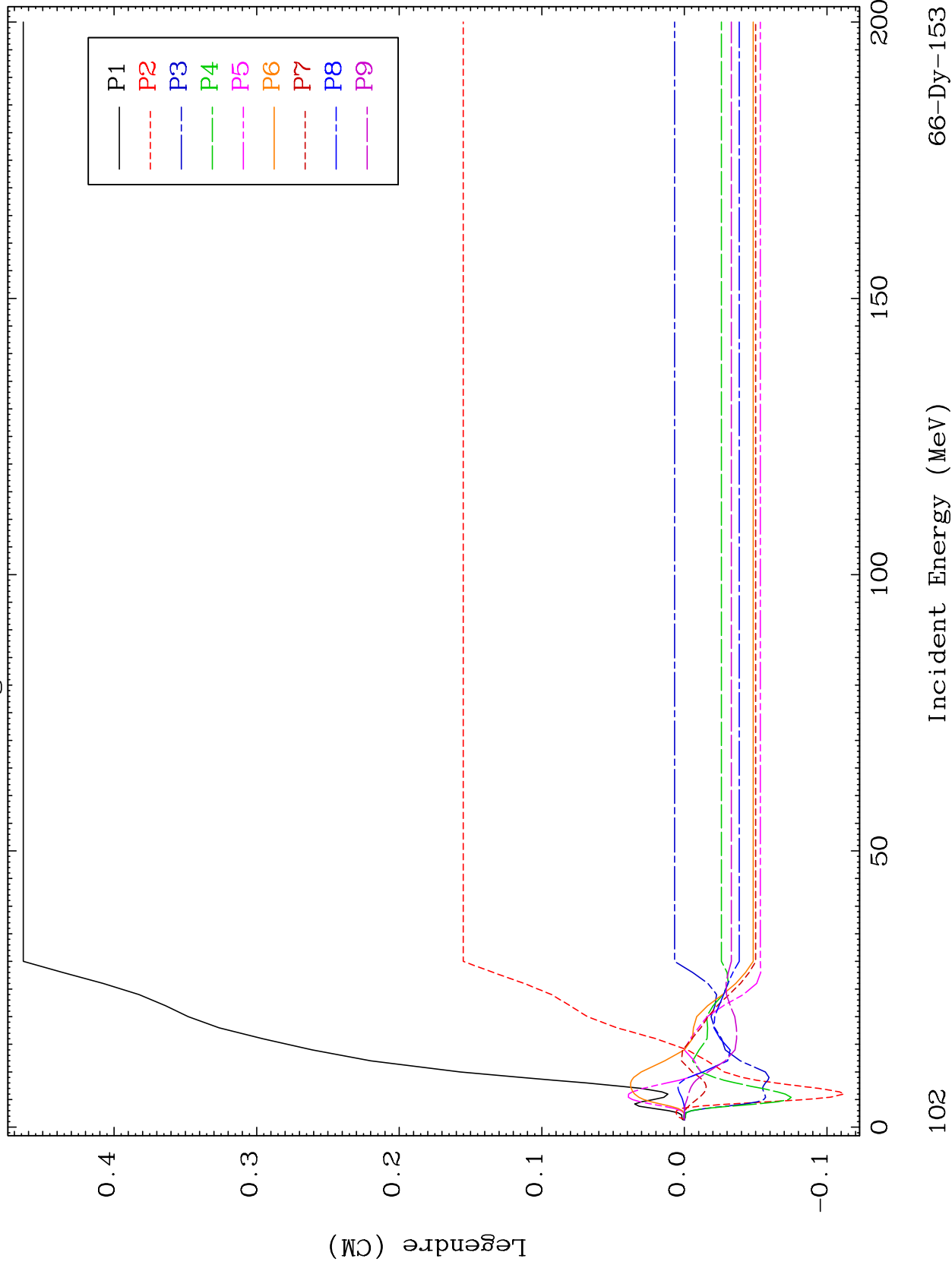
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 71 (n,n') Level  
Legendre Coefficients

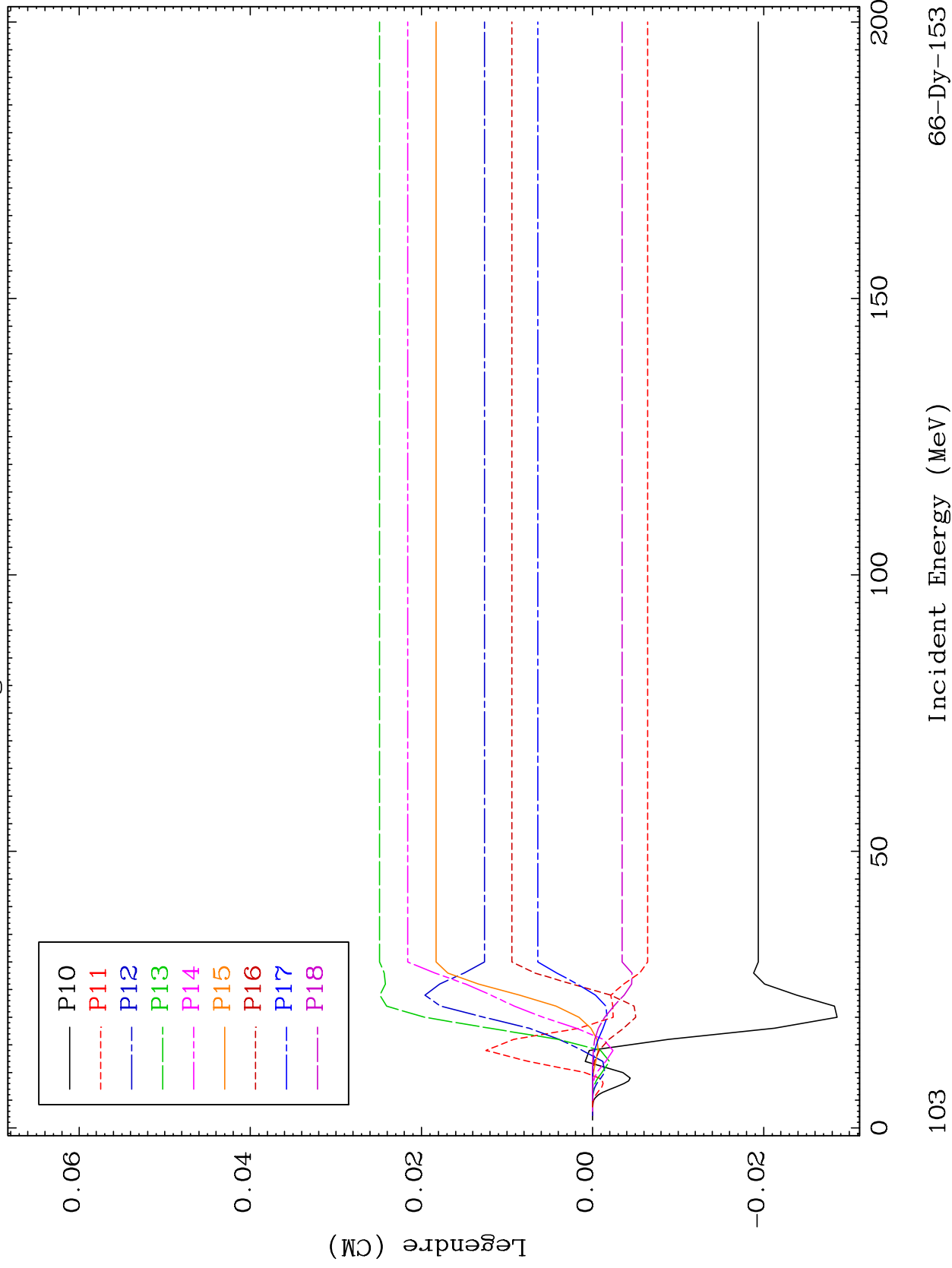
66-Dy-153



MAT 6616

MT= 71 (n,n') Level  
Legendre Coefficients

66-Dy-153



66-Dy-153

Incident Energy (MeV)

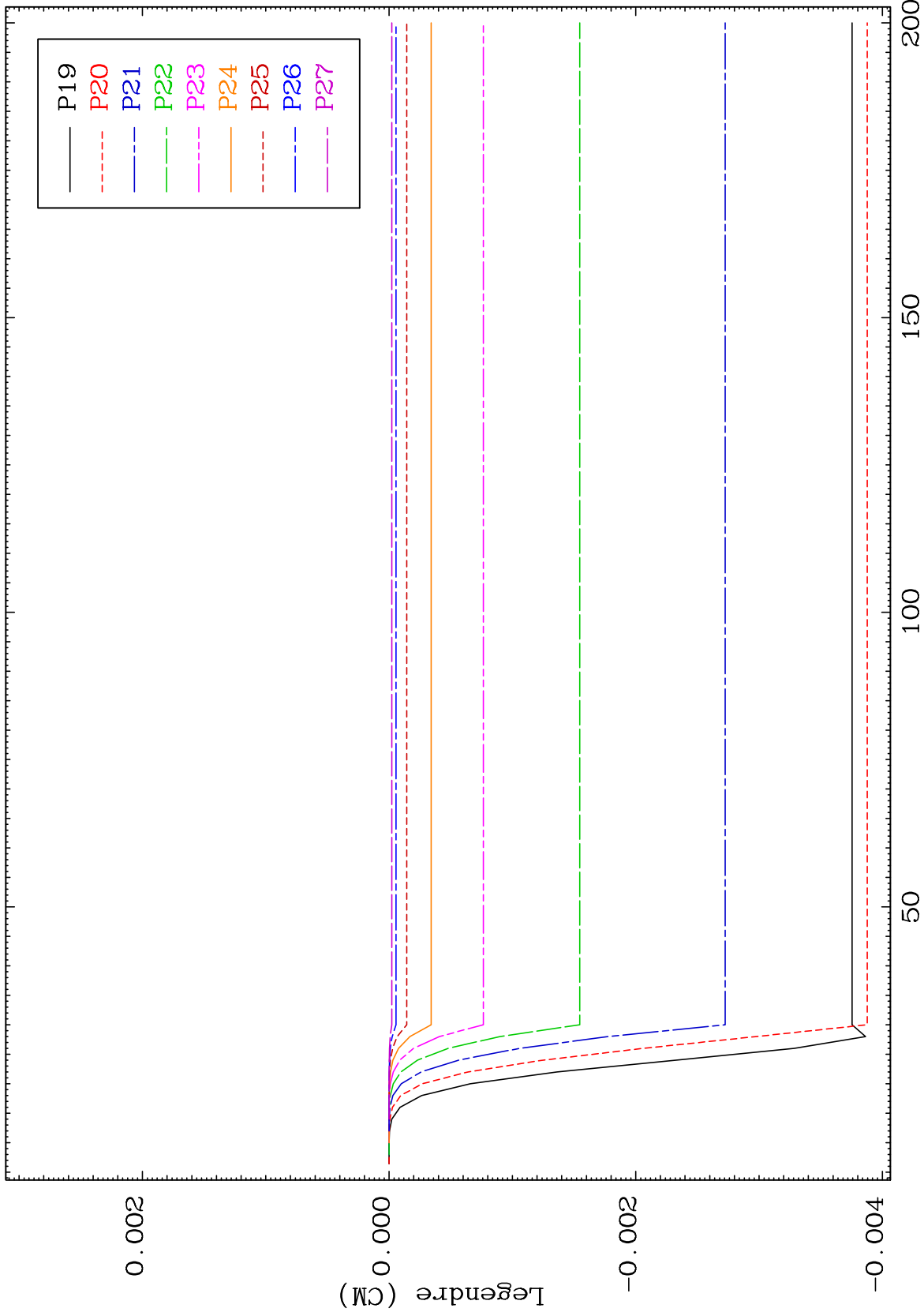
103



MAT 6616

MT= 71 (n,n') Level  
Legendre Coefficients

66-Dy-153



104

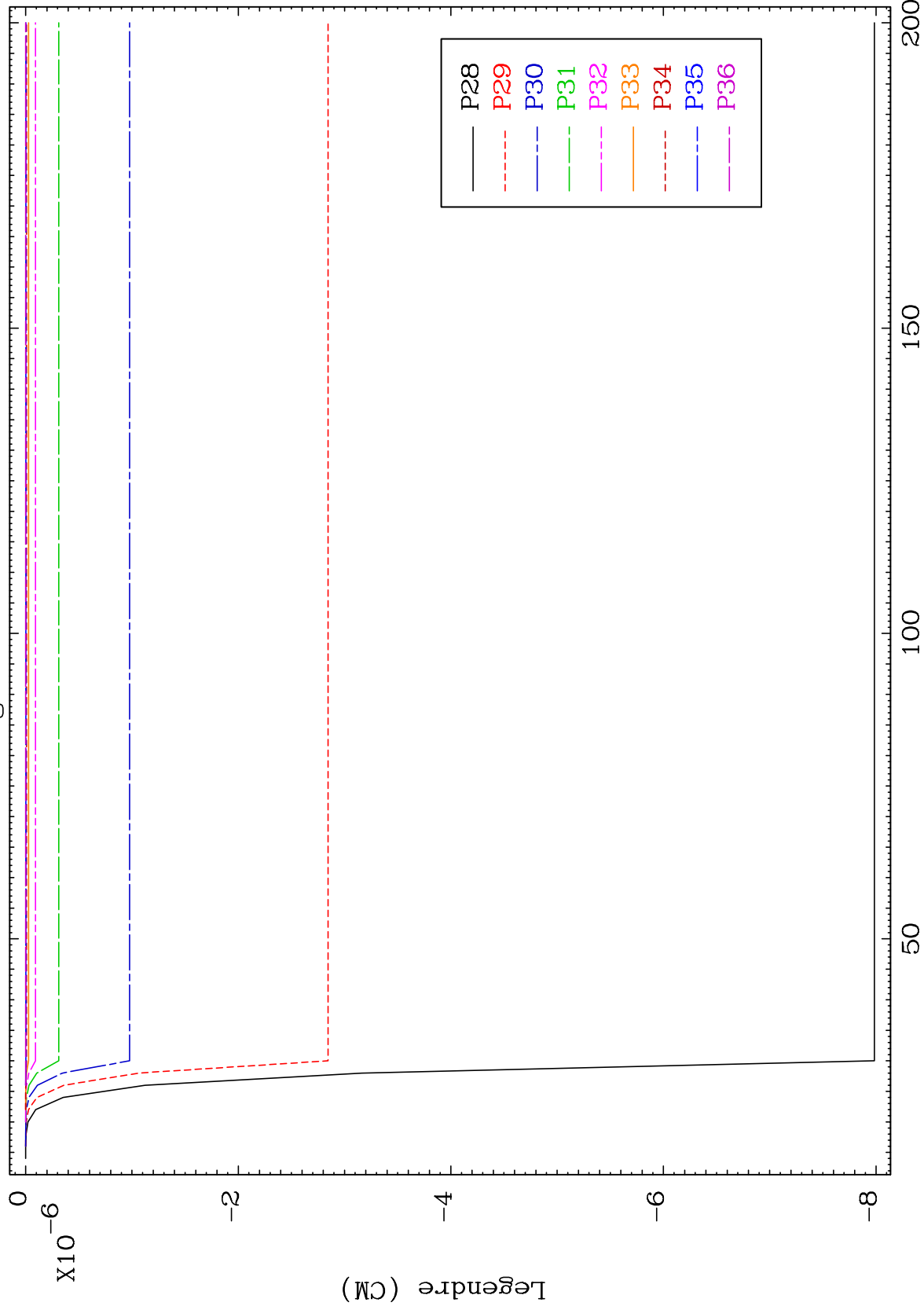
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 71 (n,n') Level  
Legendre Coefficients

66-Dy-153



105

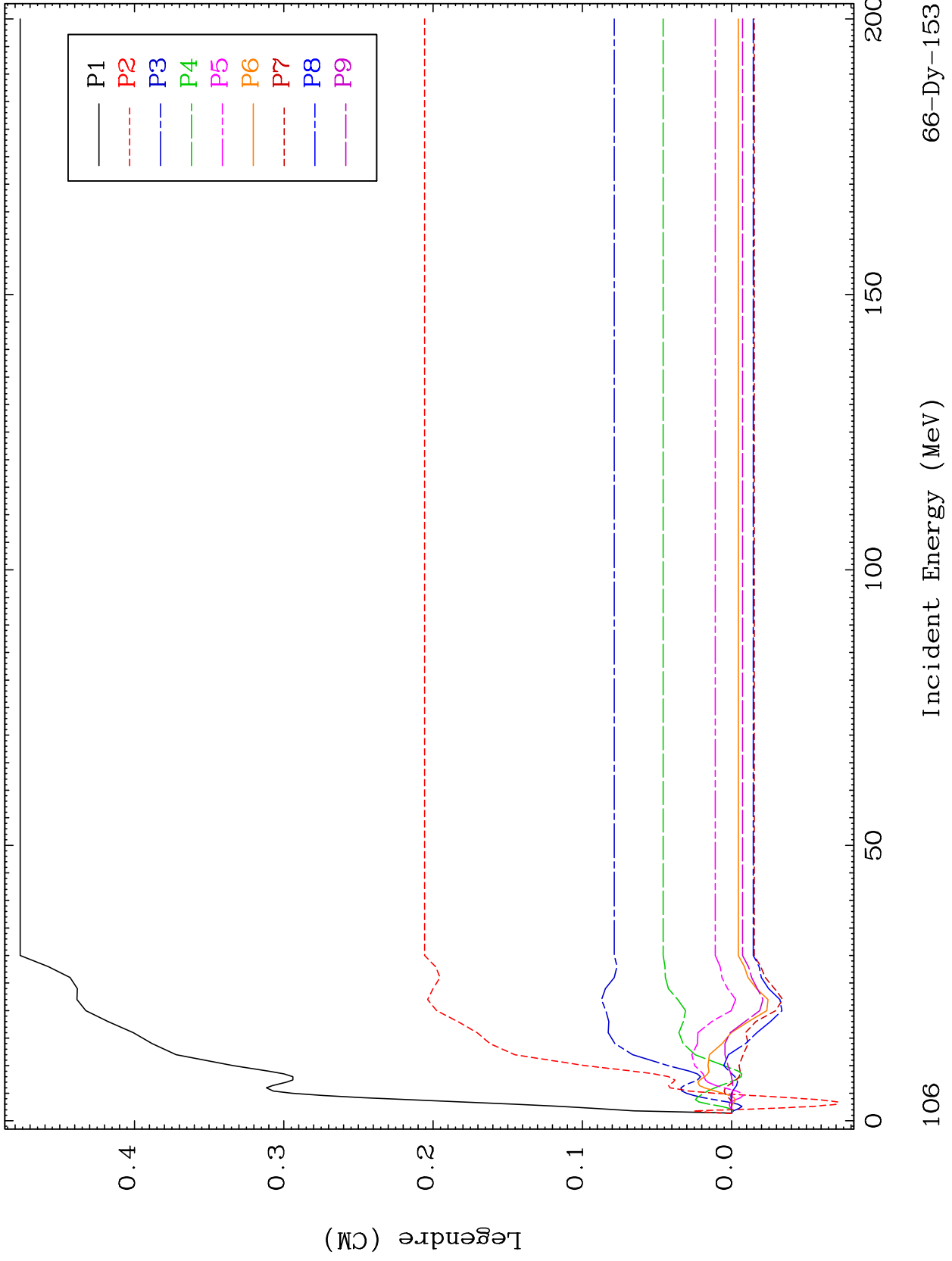
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 72 (n,n') Level  
Legendre Coefficients

66-Dy-153



66-Dy-153

Incident Energy (MeV)

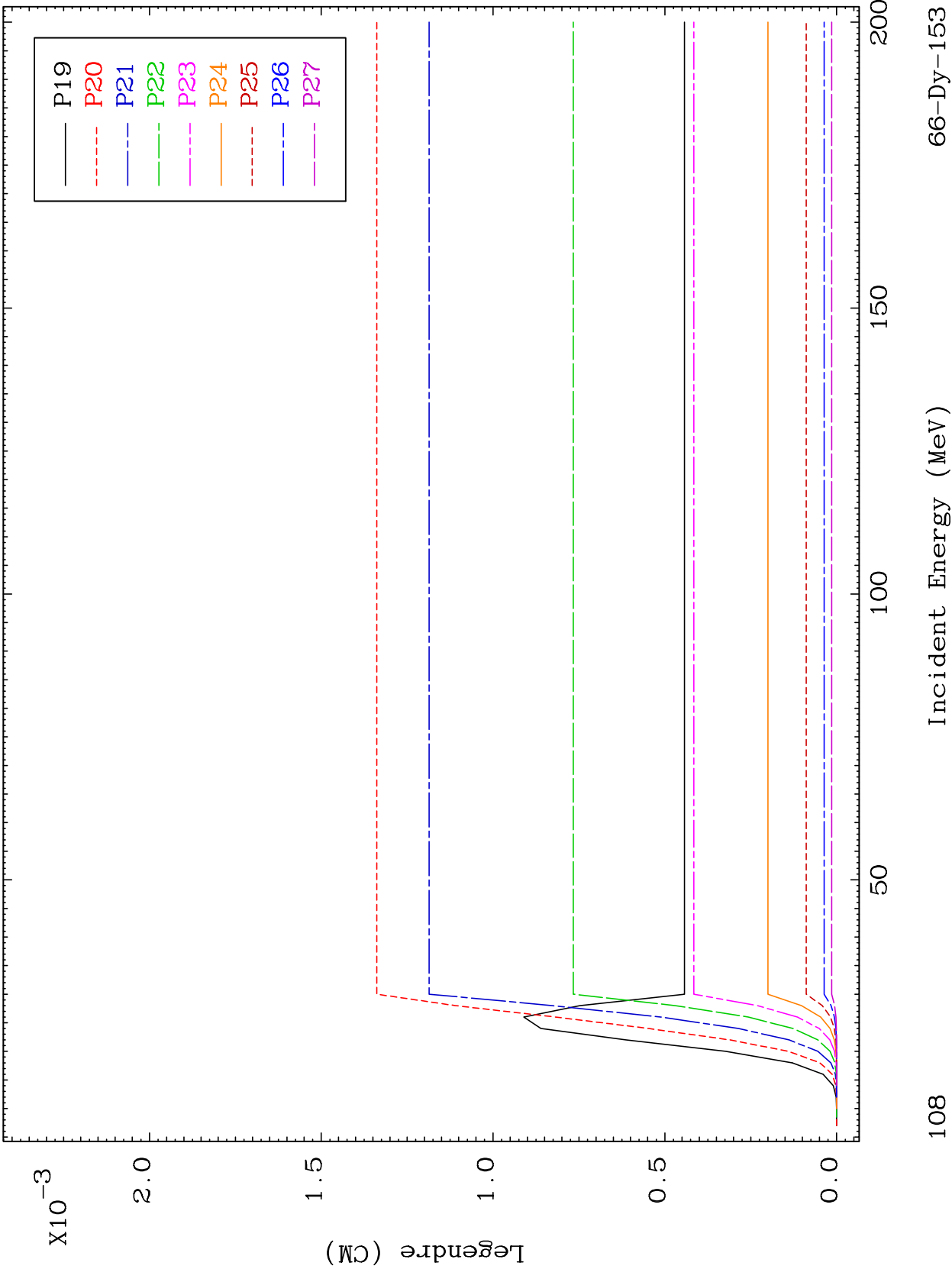
106



MAT 6616

MT= 72 (n,n') Level  
Legendre Coefficients

66-Dy-153



108

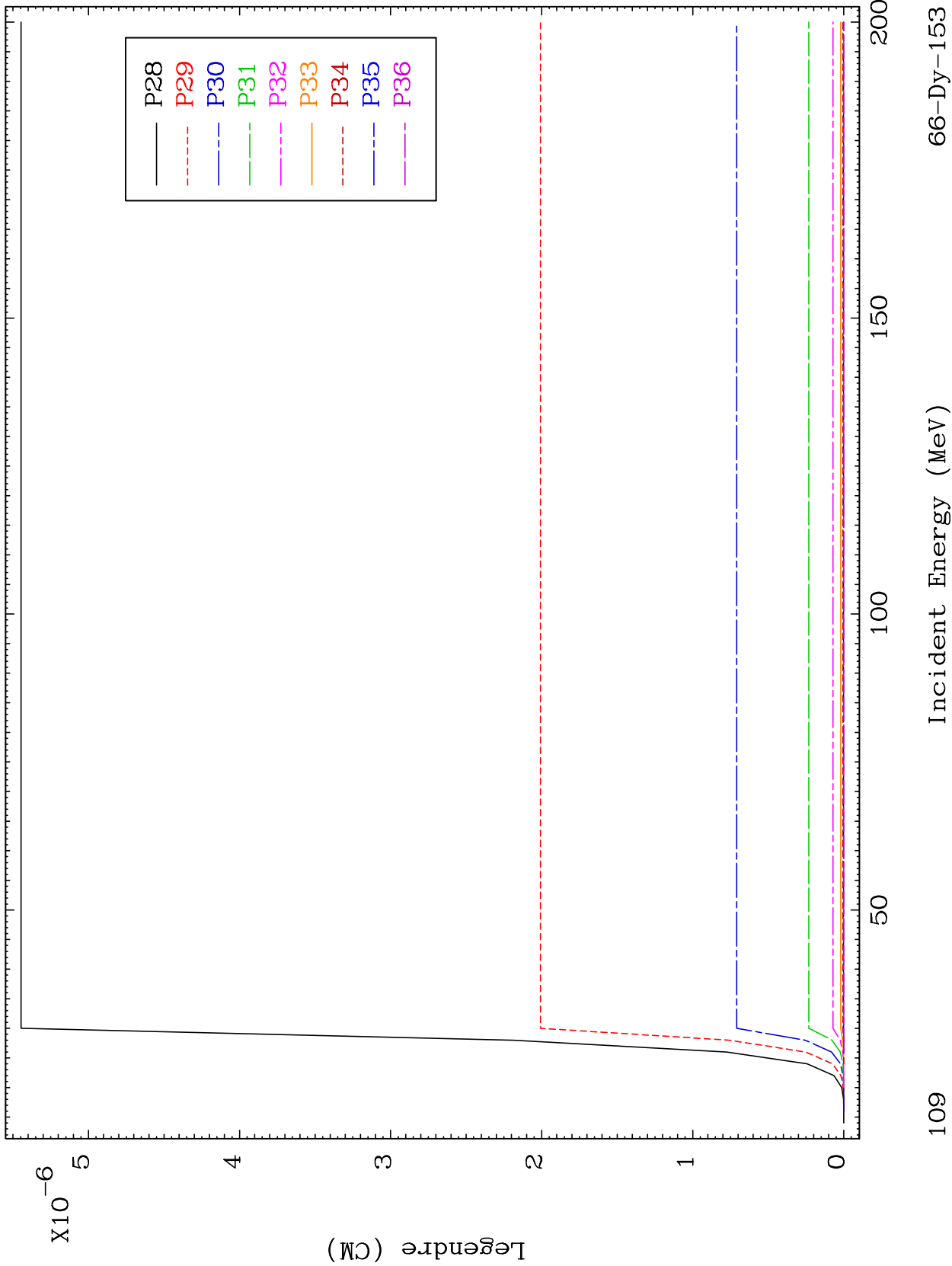
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 72 (n,n') Level  
Legendre Coefficients

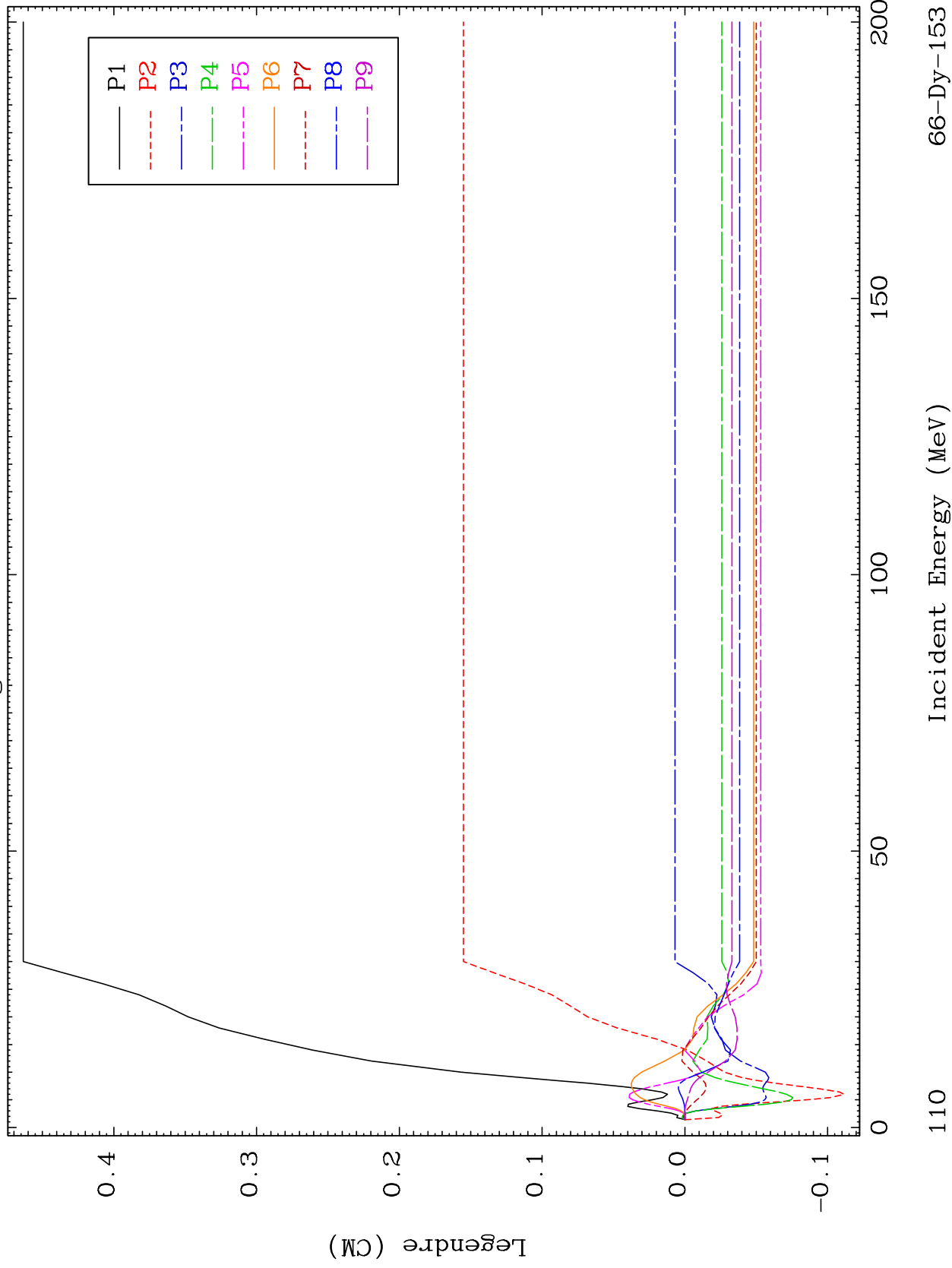
66-Dy-153



MAT 6616

MT= 73 (n,n') Level  
Legendre Coefficients

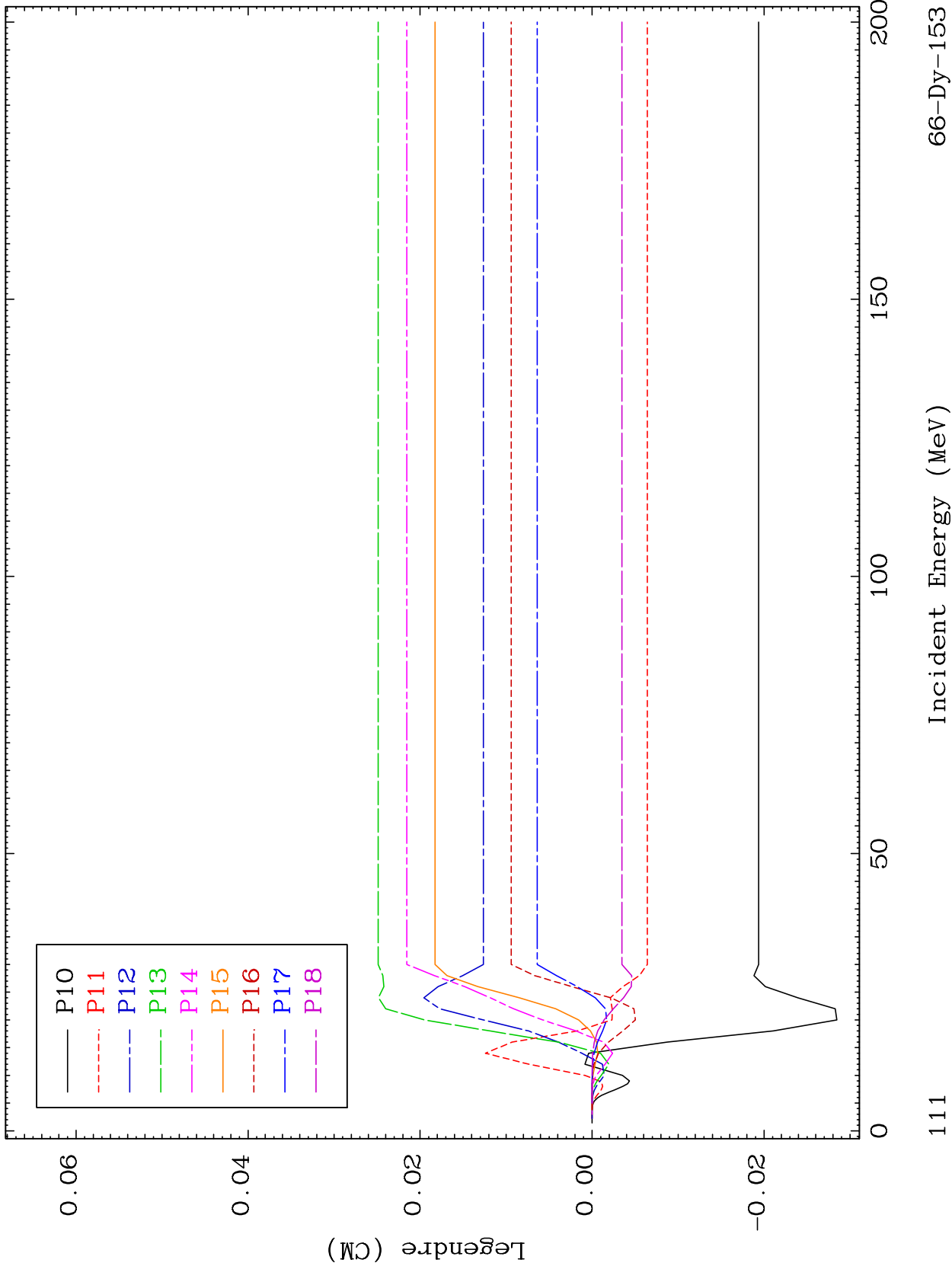
66-Dy-153



MAT 6616

MT= 73 (n,n') Level Legendre Coefficients

66-Dy-153



111

Incident Energy (MeV)

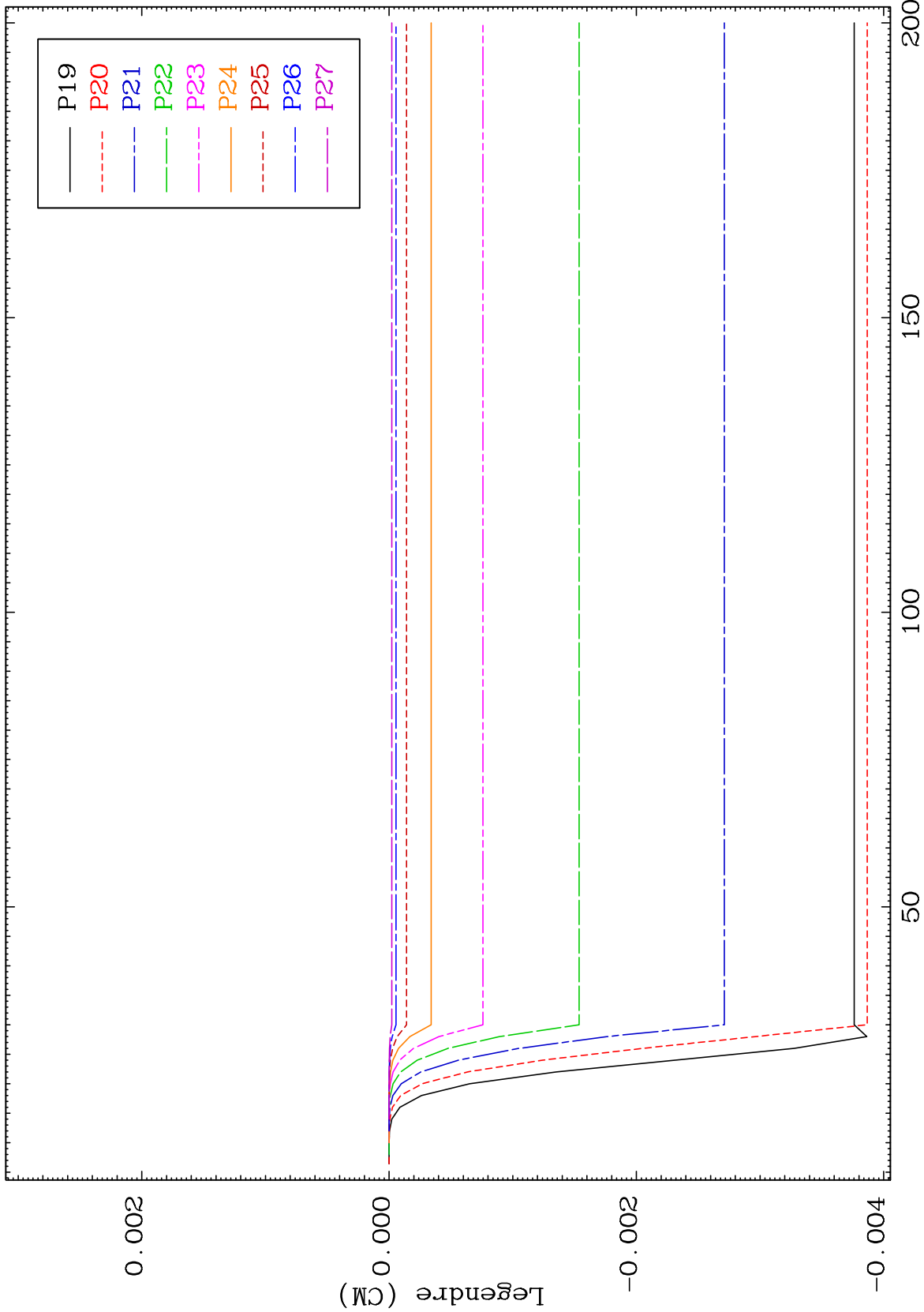
66-Dy-153



MAT 6616

MT= 73 (n,n') Level  
Legendre Coefficients

66-Dy-153



112

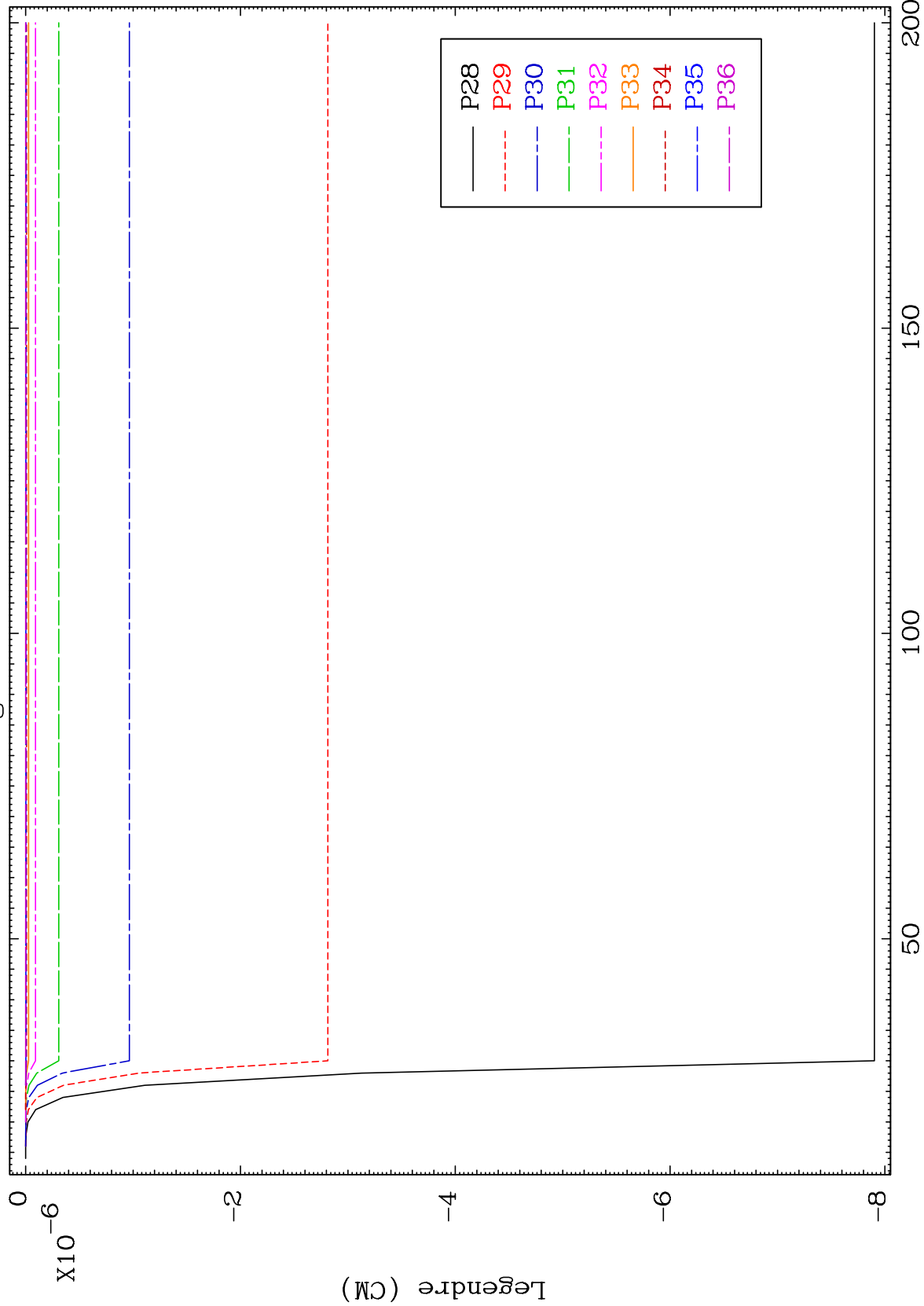
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 73 (n,n') Level  
Legendre Coefficients

66-Dy-153



113

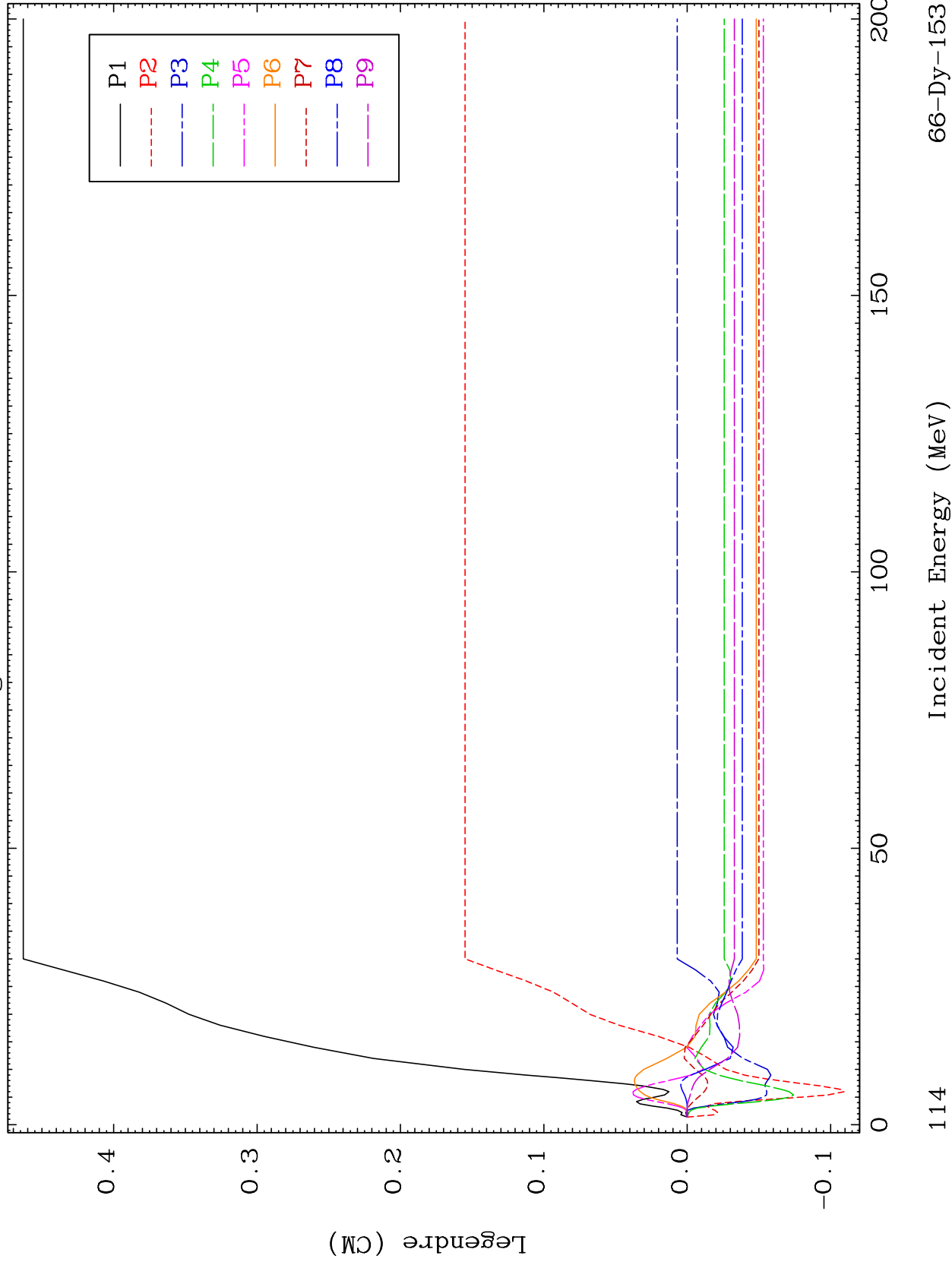
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 74 (n,n') Level  
Legendre Coefficients

66-Dy-153



66-Dy-153

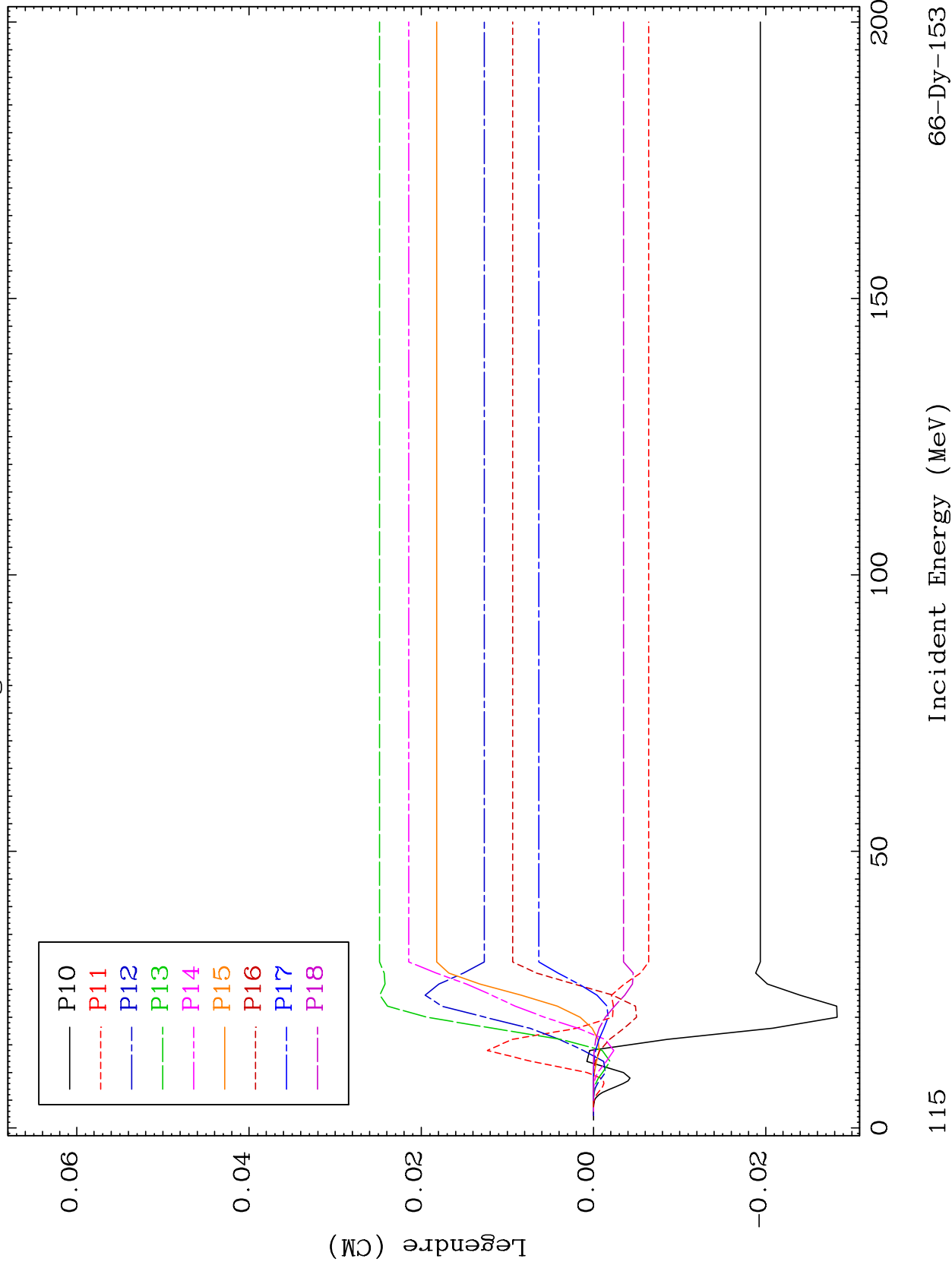
Incident Energy (MeV)

114

MAT 6616

MT= 74 (n,n') Level  
Legendre Coefficients

66-Dy-153



66-Dy-153

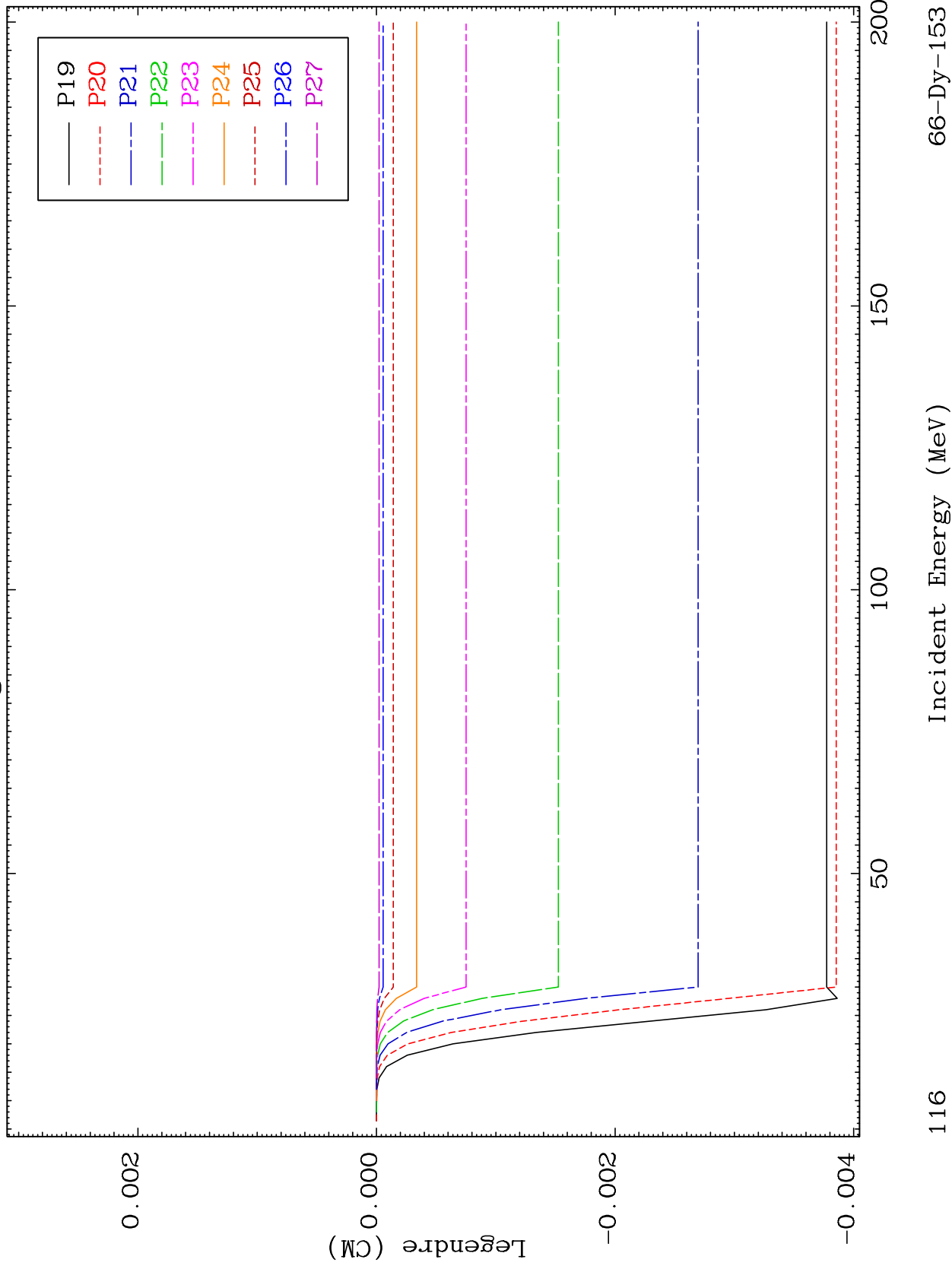
Incident Energy (MeV)

115

MAT 6616

MT= 74 (n,n') Level  
Legendre Coefficients

66-Dy-153



116

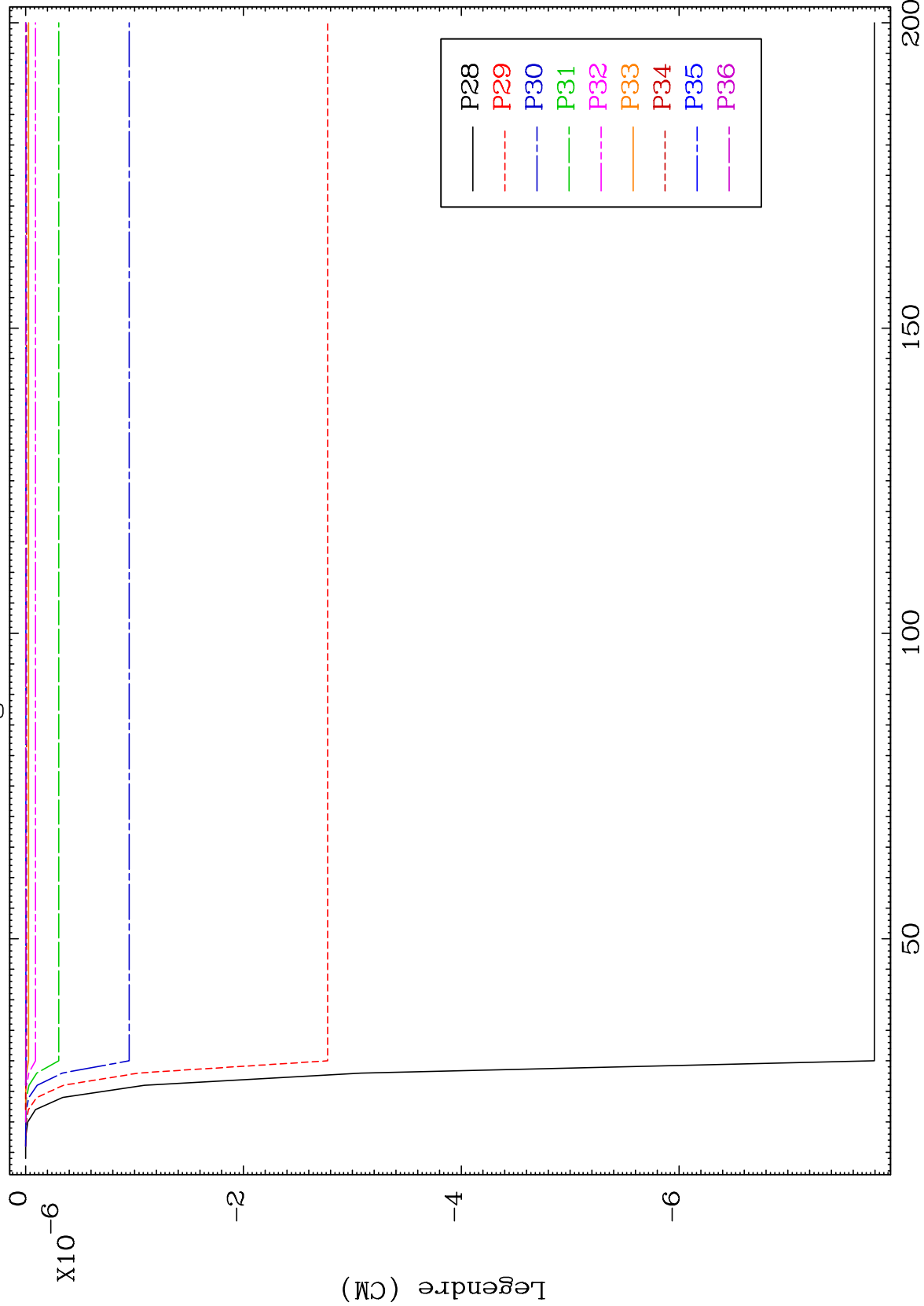
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 74 (n,n') Level  
Legendre Coefficients

66-Dy-153



117

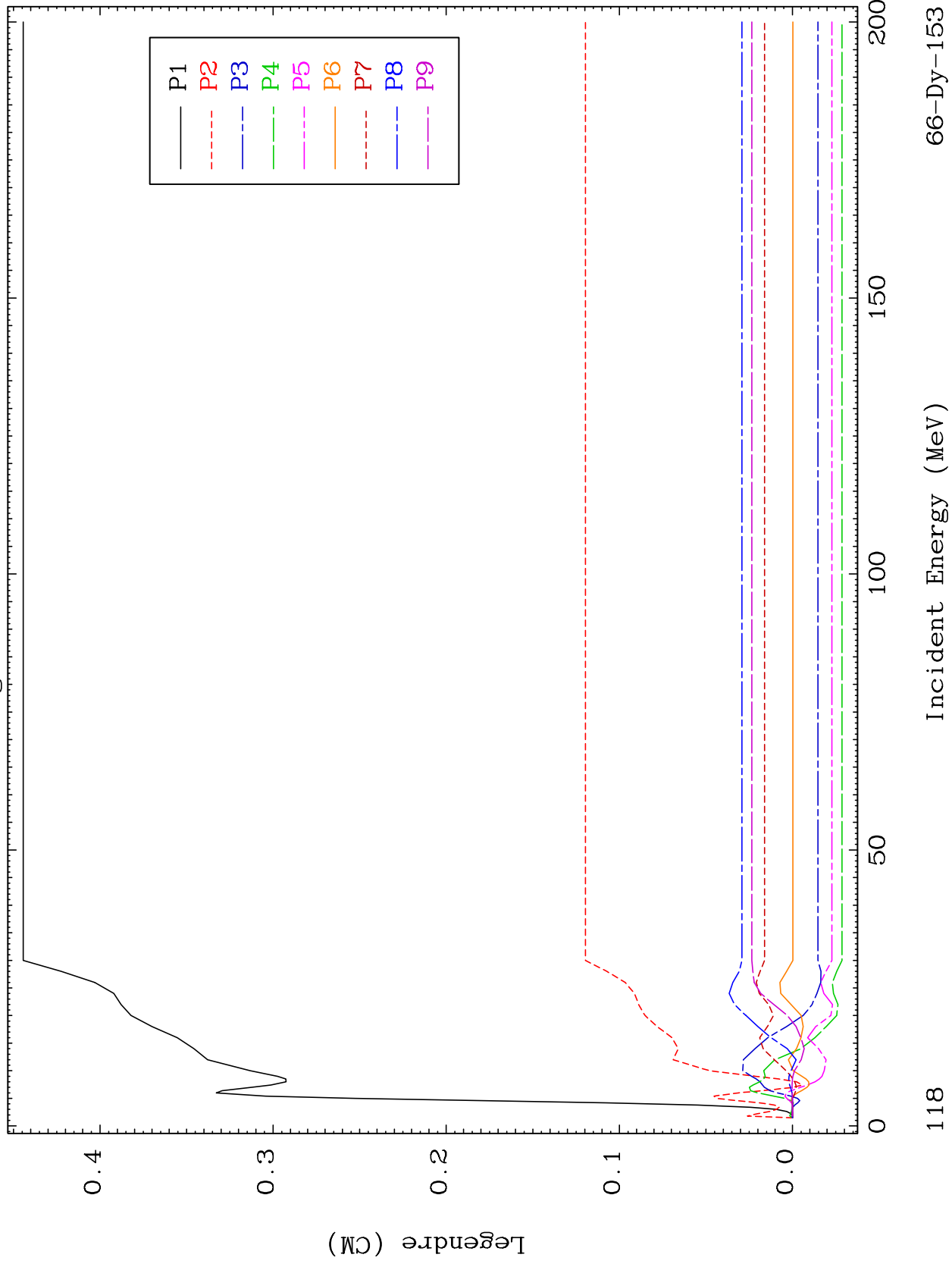
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 75 (n,n') Level  
Legendre Coefficients

66-Dy-153

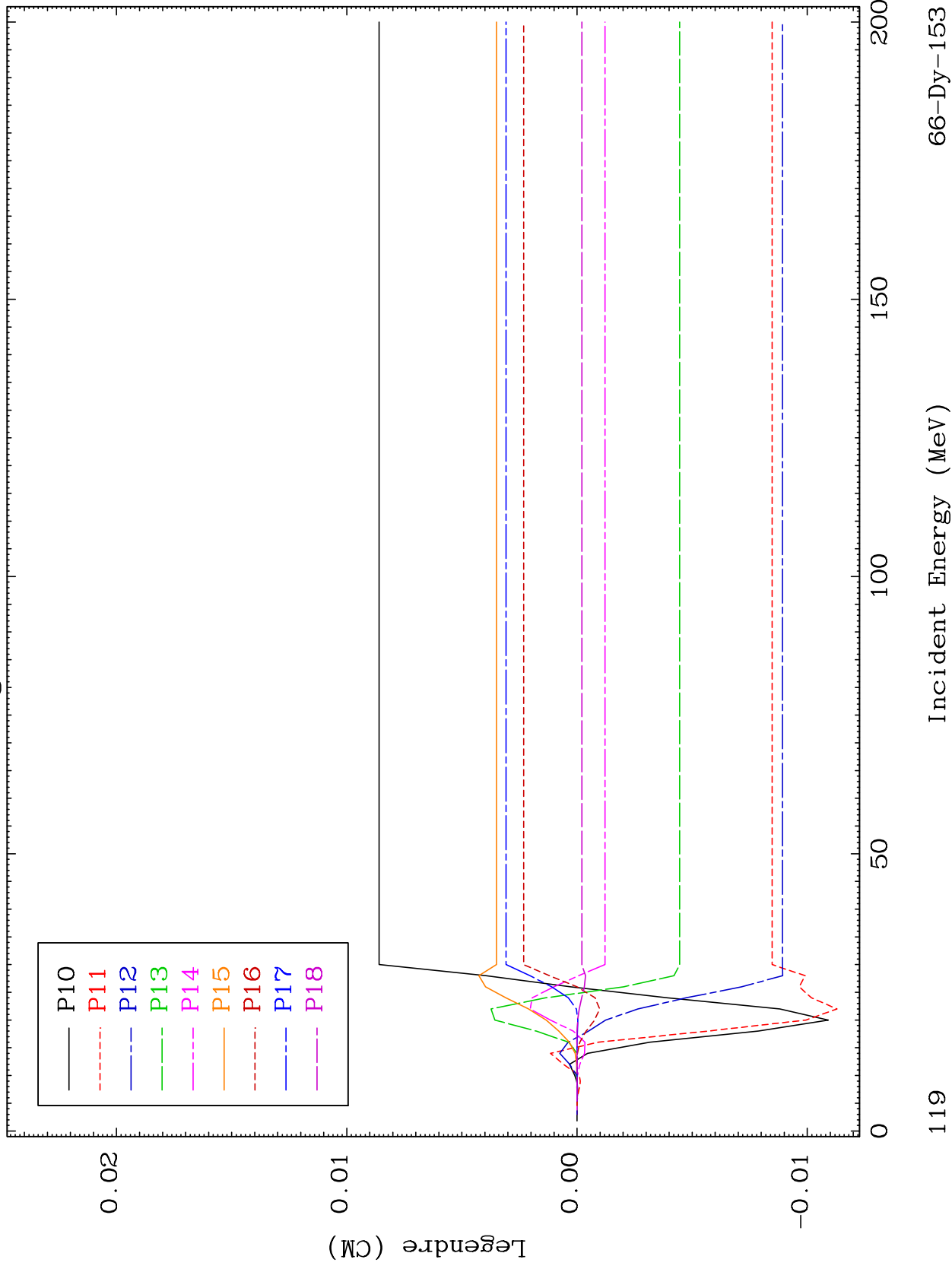


118

MAT 6616

MT= 75 (n,n') Level  
Legendre Coefficients

66-Dy-153

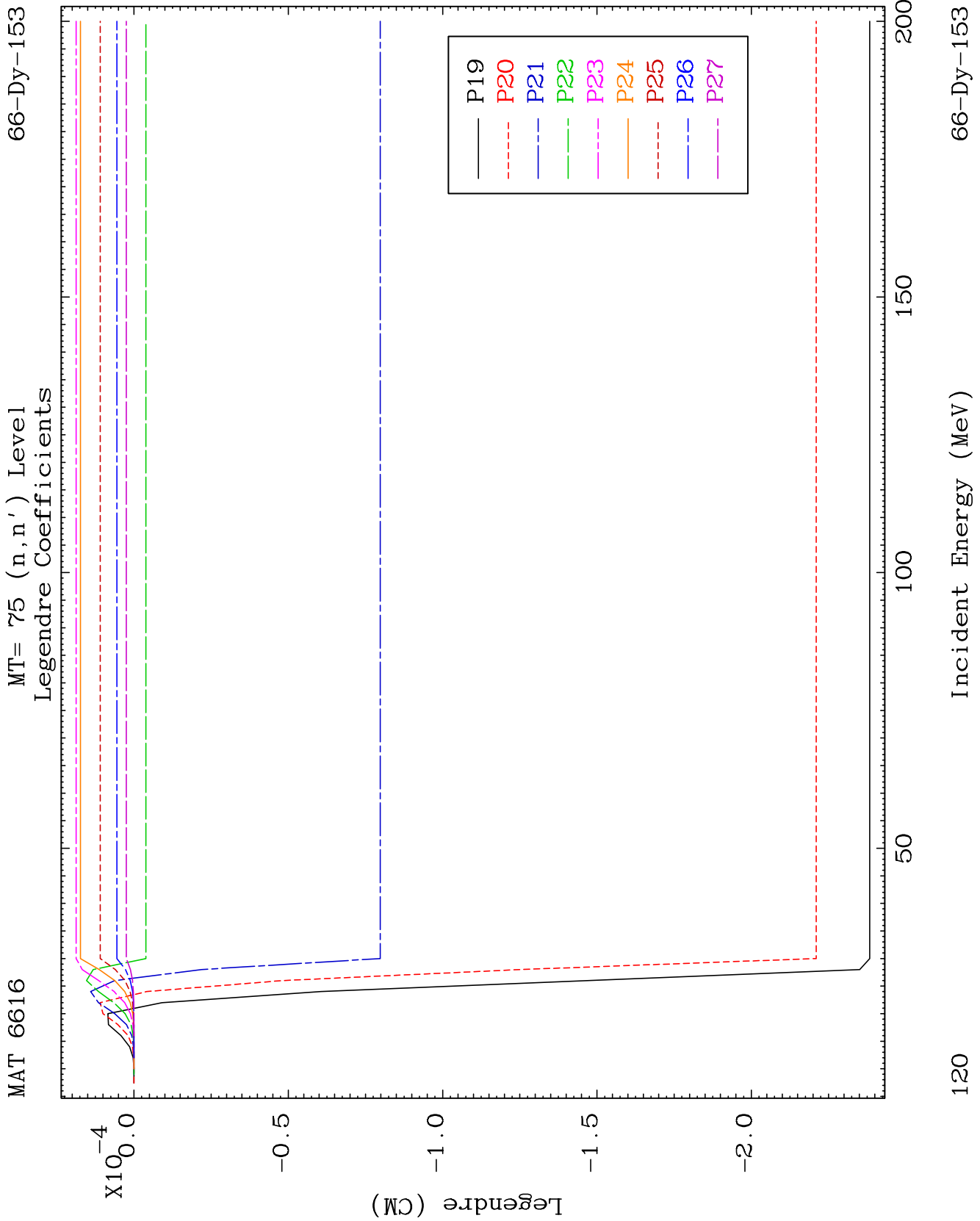


119

Incident Energy (MeV)

66-Dy-153

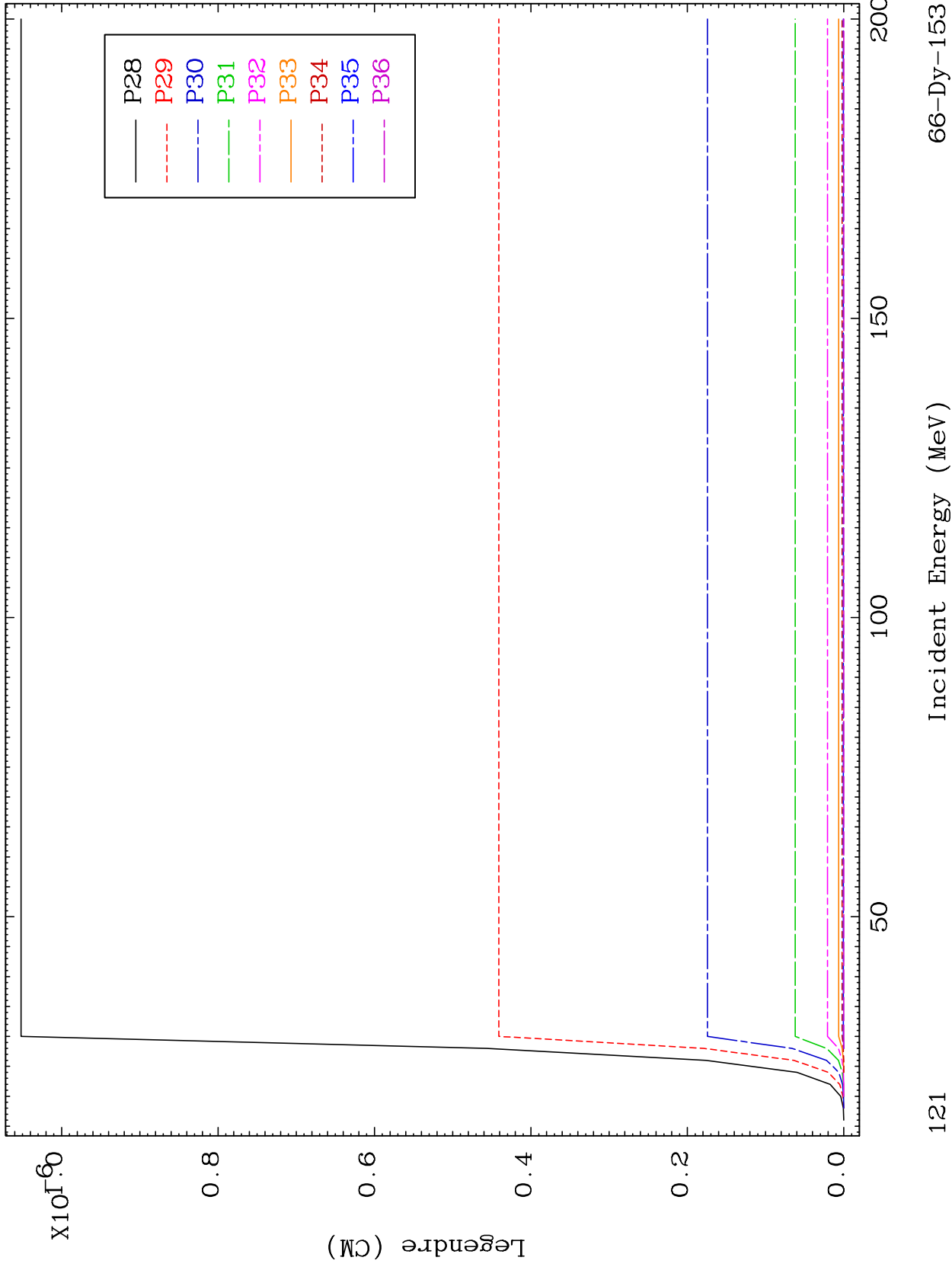




MAT 6616

MT= 75 (n,n') Level  
Legendre Coefficients

66-Dy-153



121

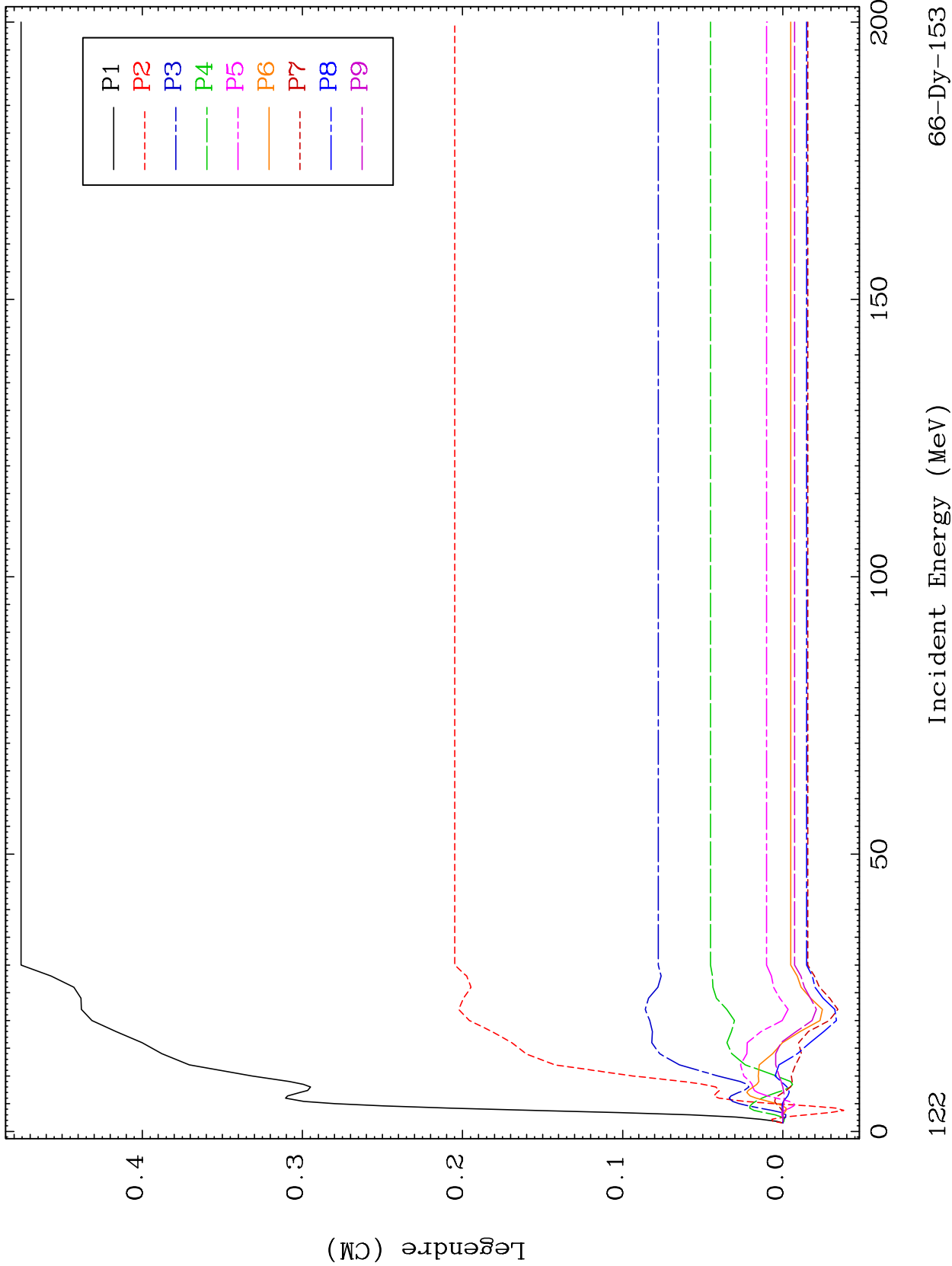
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 76 (n,n') Level  
Legendre Coefficients

66-Dy-153

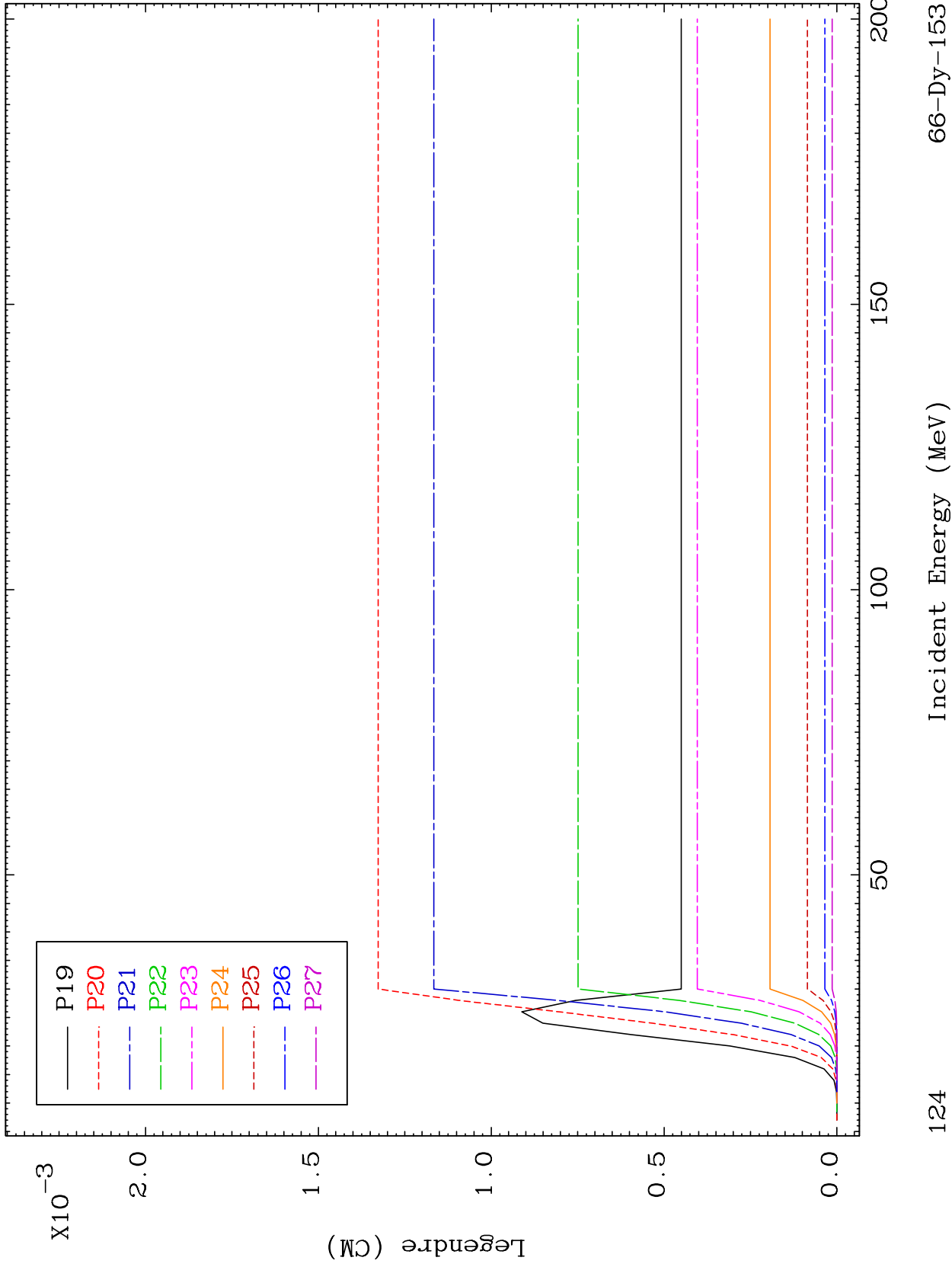


66-Dy-153

Incident Energy (MeV)

122

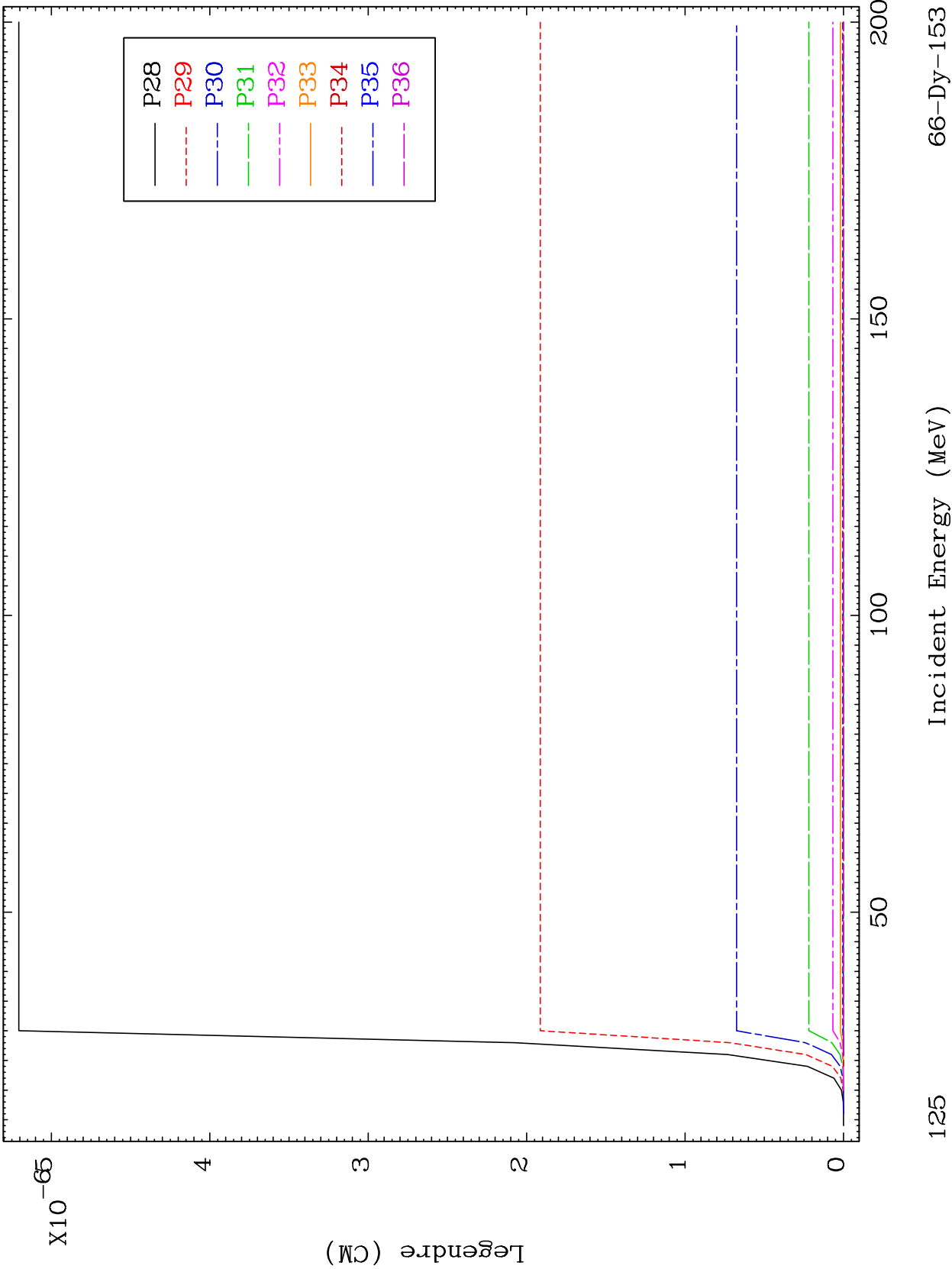




MAT 6616

MT= 76 (n,n') Level  
Legendre Coefficients

66-Dy-153



66-Dy-153

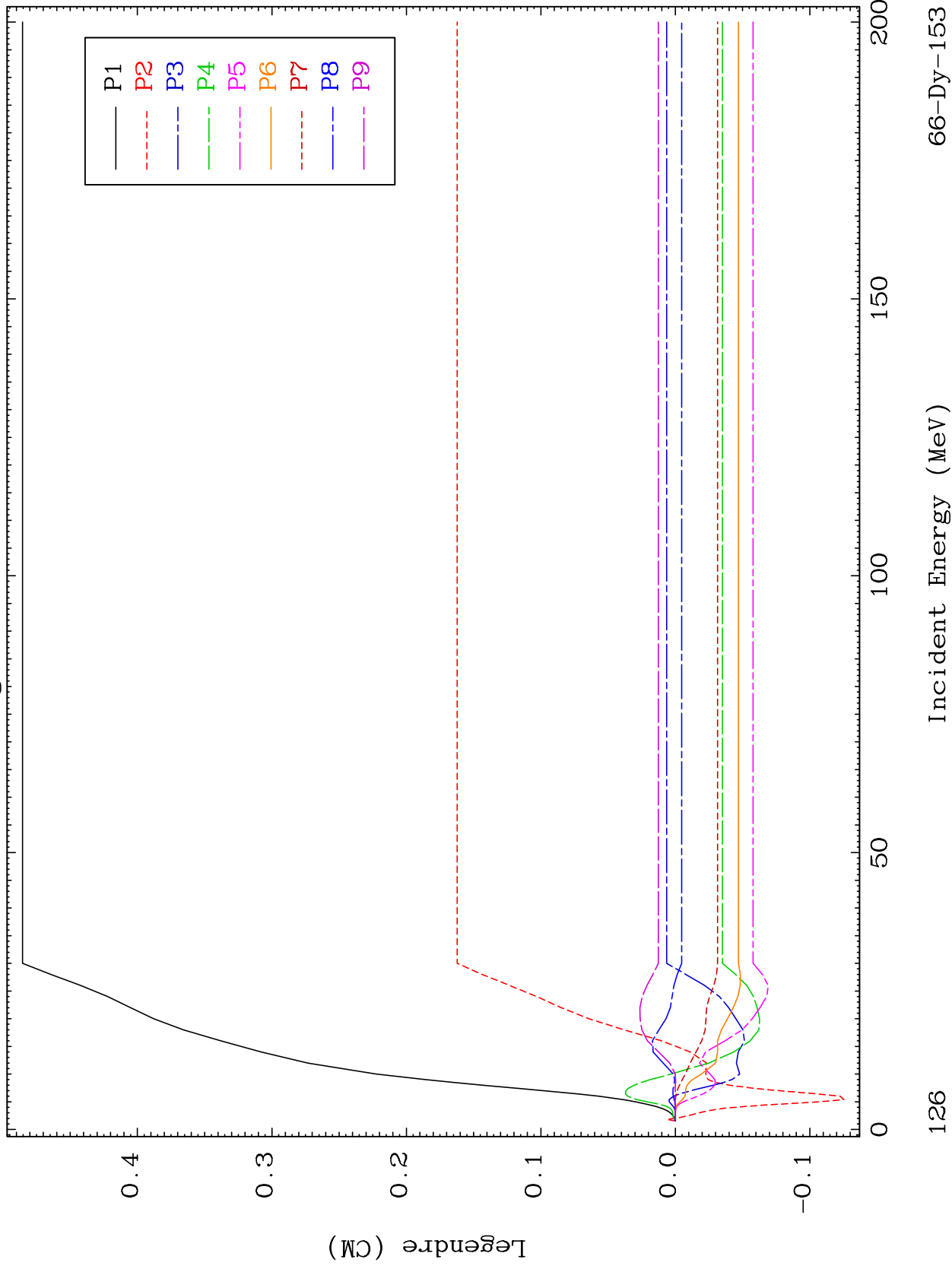
Incident Energy (MeV)

125

MAT 6616

MT= 77 (n,n') Level  
Legendre Coefficients

66-Dy-153



66-Dy-153

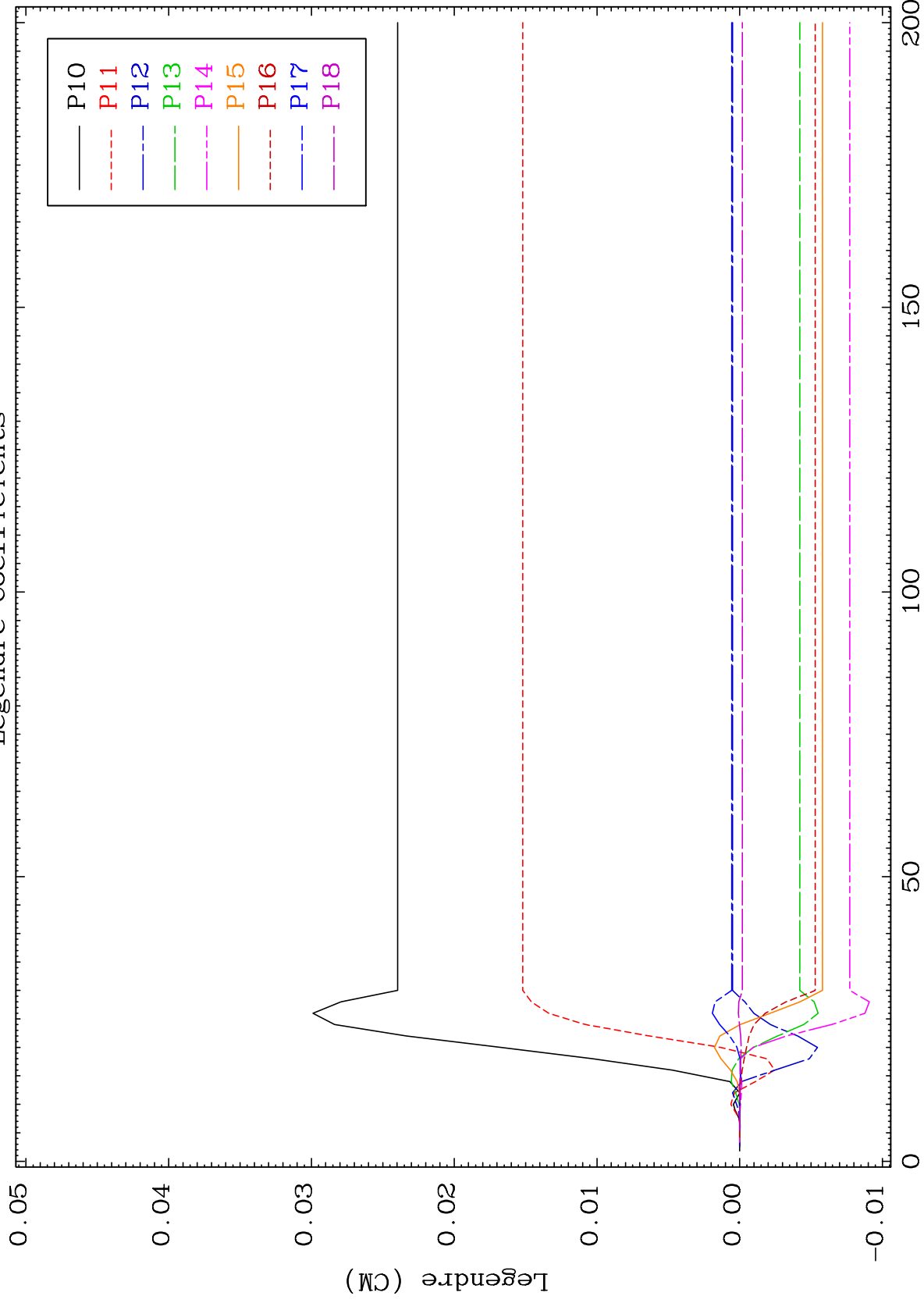
Incident Energy (MeV)

126

MAT 6616

MT= 77 (n,n') Level  
Legendre Coefficients

66-Dy-153



127

Incident Energy (MeV)

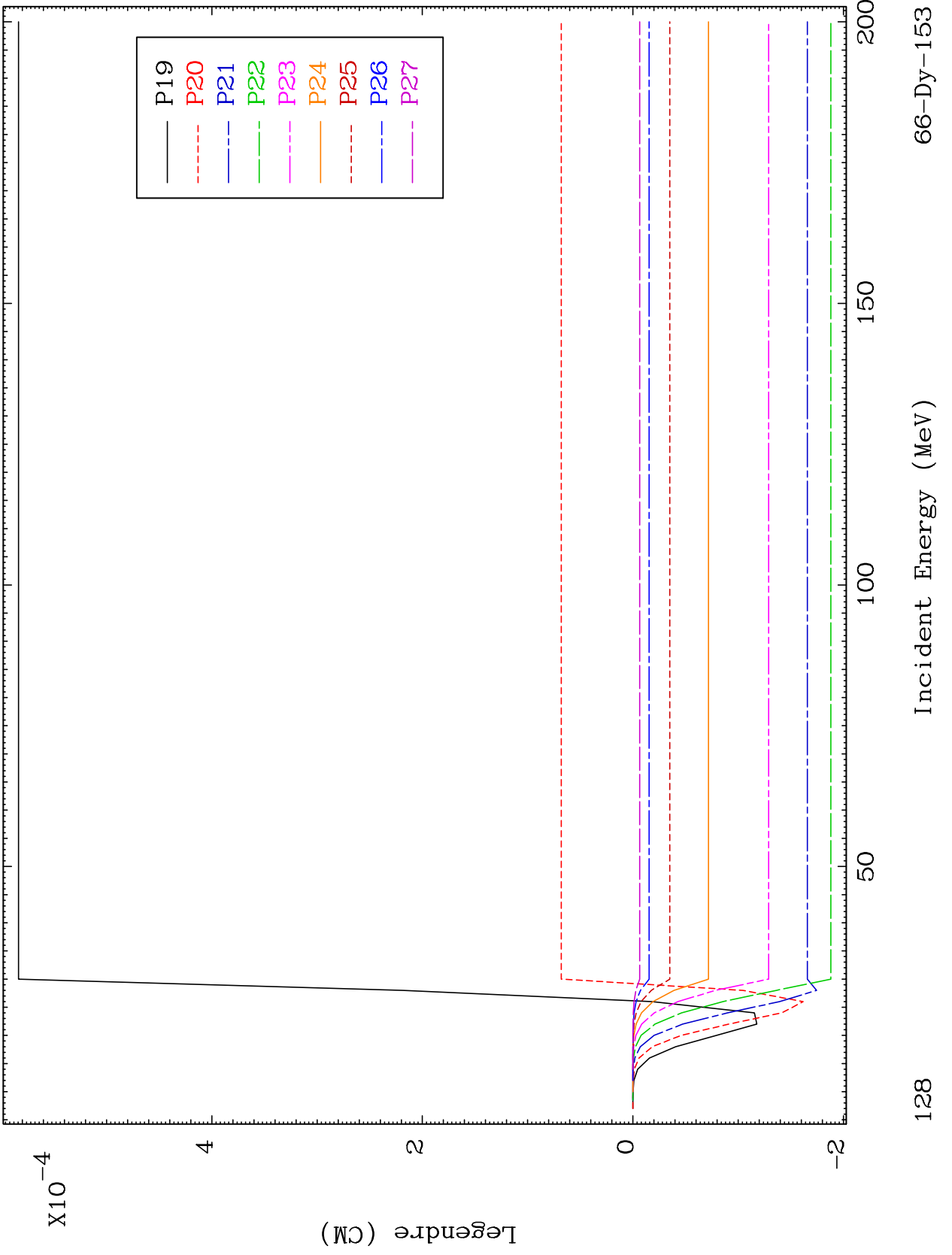
66-Dy-153



MAT 6616

MT= 77 (n,n') Level  
Legendre Coefficients

66-Dy-153



128

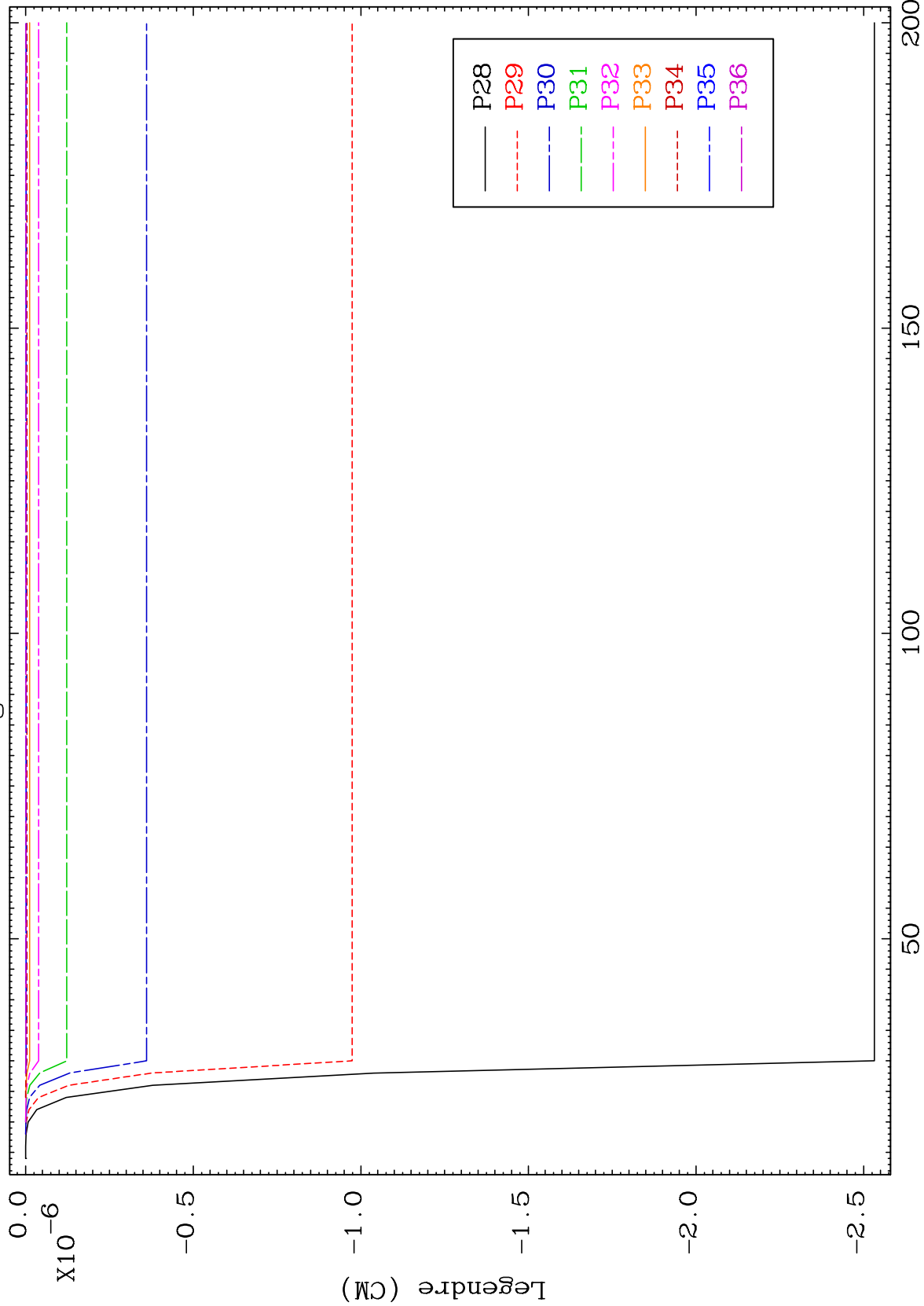
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 77 (n,n') Level  
Legendre Coefficients

66-Dy-153



129

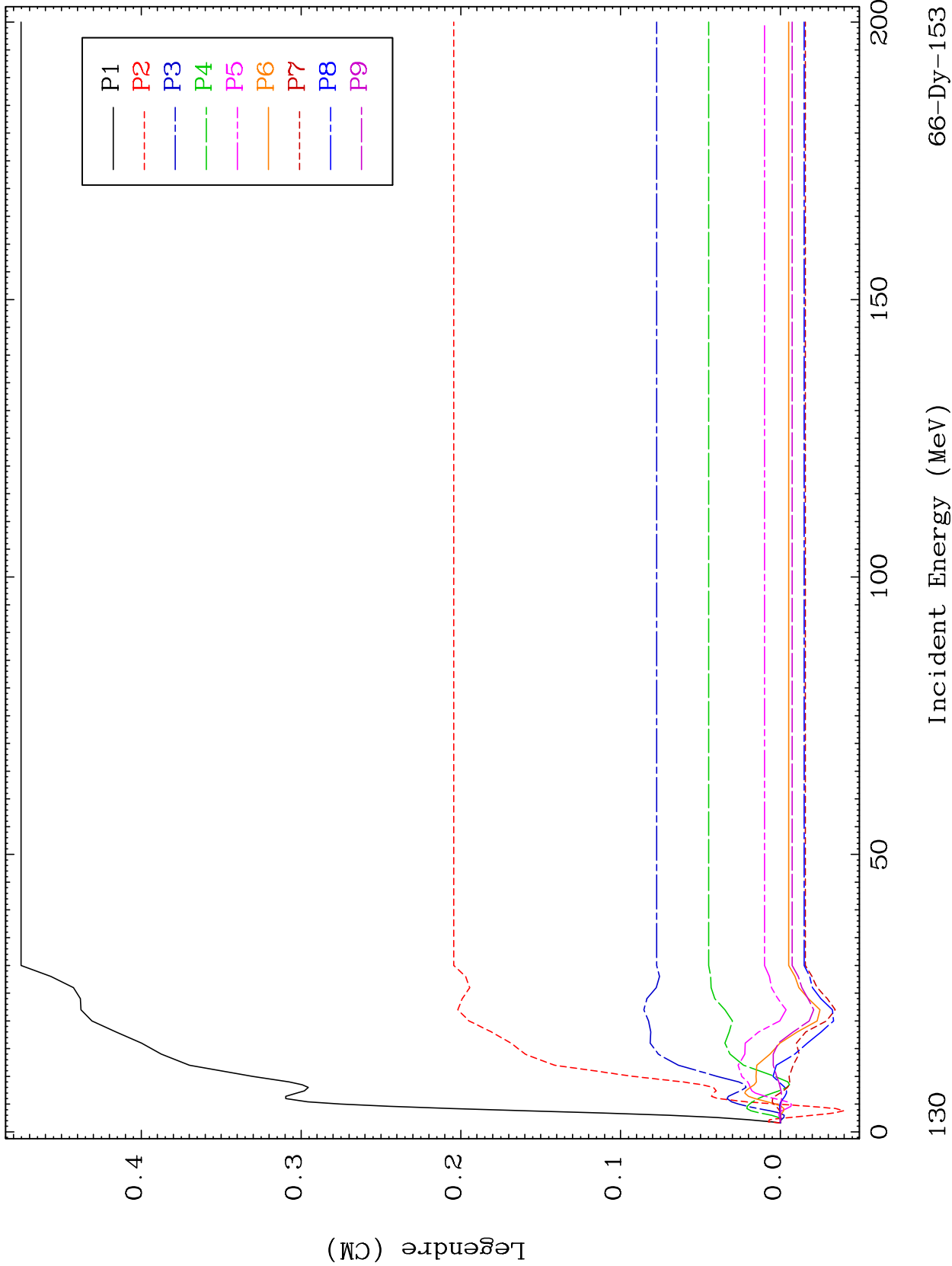
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 78 (n,n') Level  
Legendre Coefficients

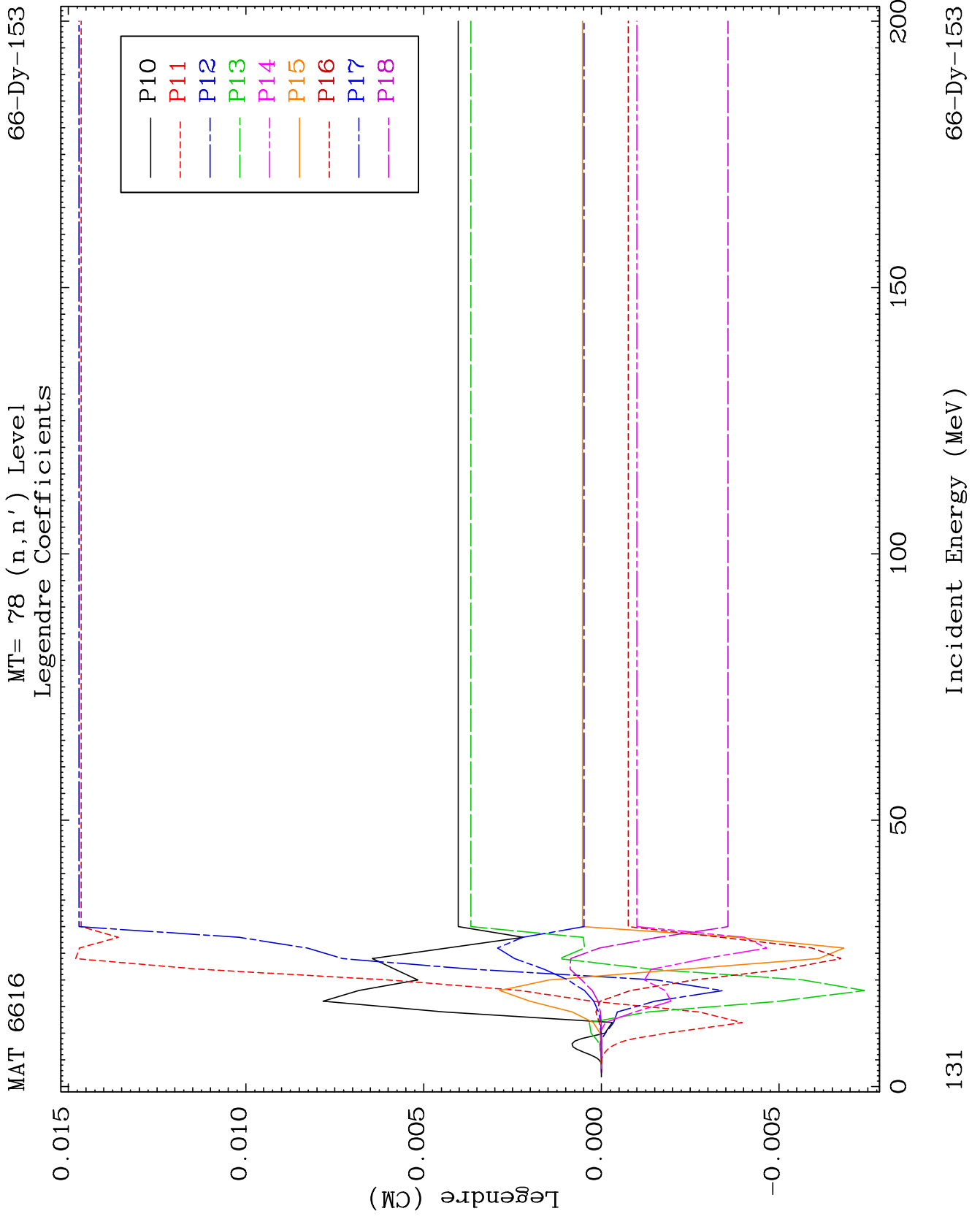
66-Dy-153



66-Dy-153

Incident Energy (MeV)

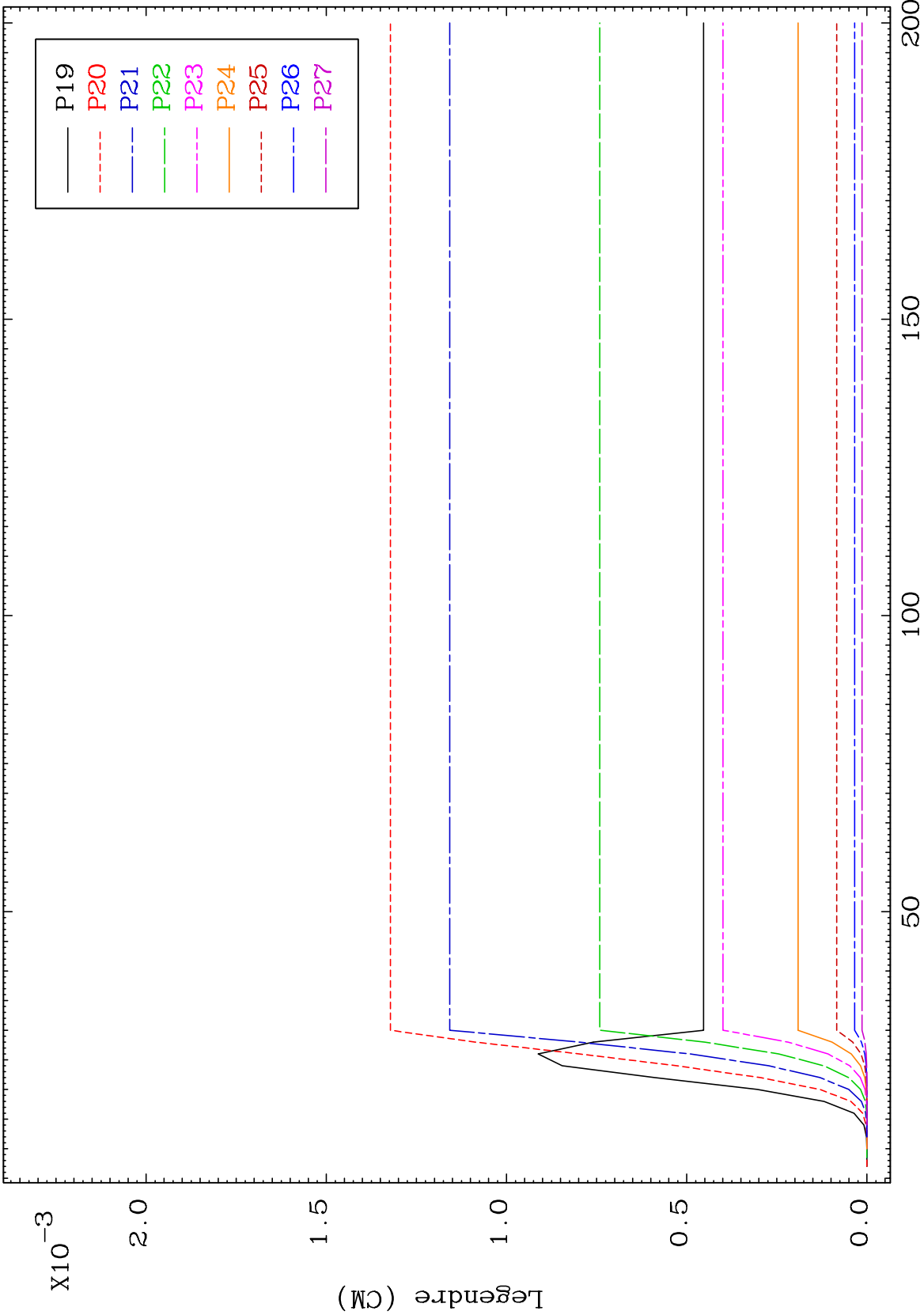
130



MAT 6616

MT= 78 (n,n') Level  
Legendre Coefficients

66-Dy-153



132

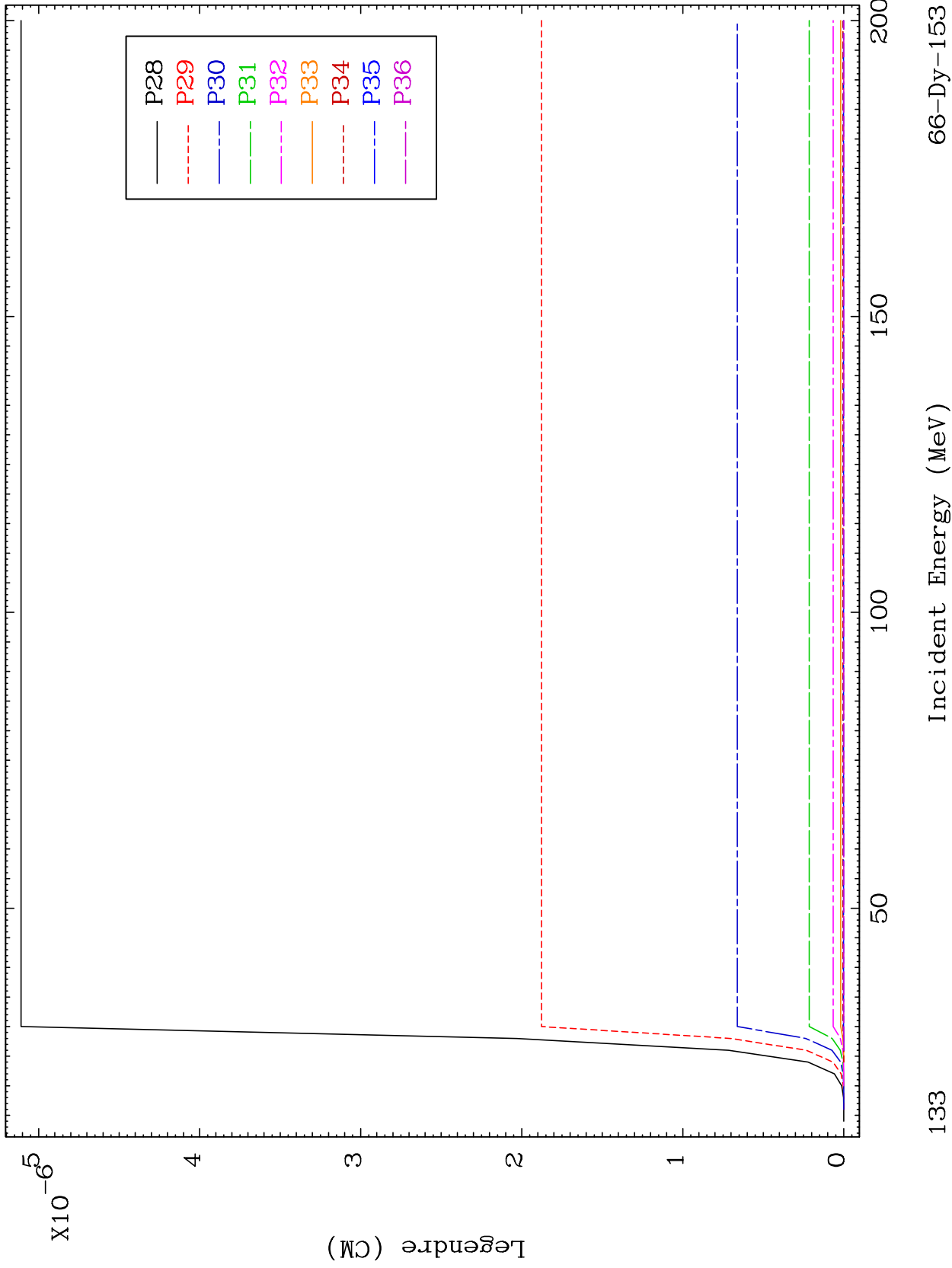
Incident Energy (MeV)

66-Dy-153

MAT 6616

MT= 78 (n,n') Level  
Legendre Coefficients

66-Dy-153

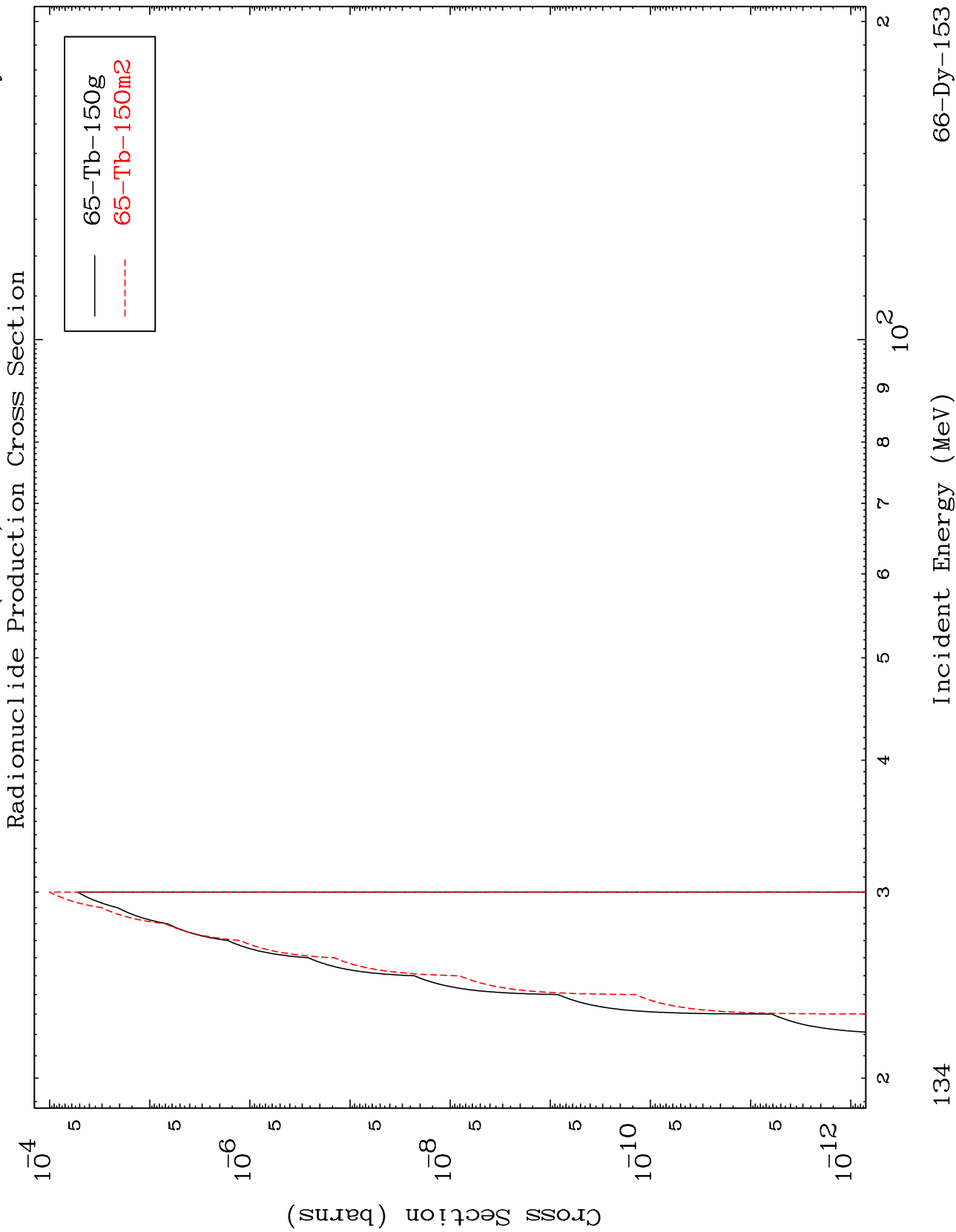


133

MAT 6616

(n,2n) d

66-Dy-153



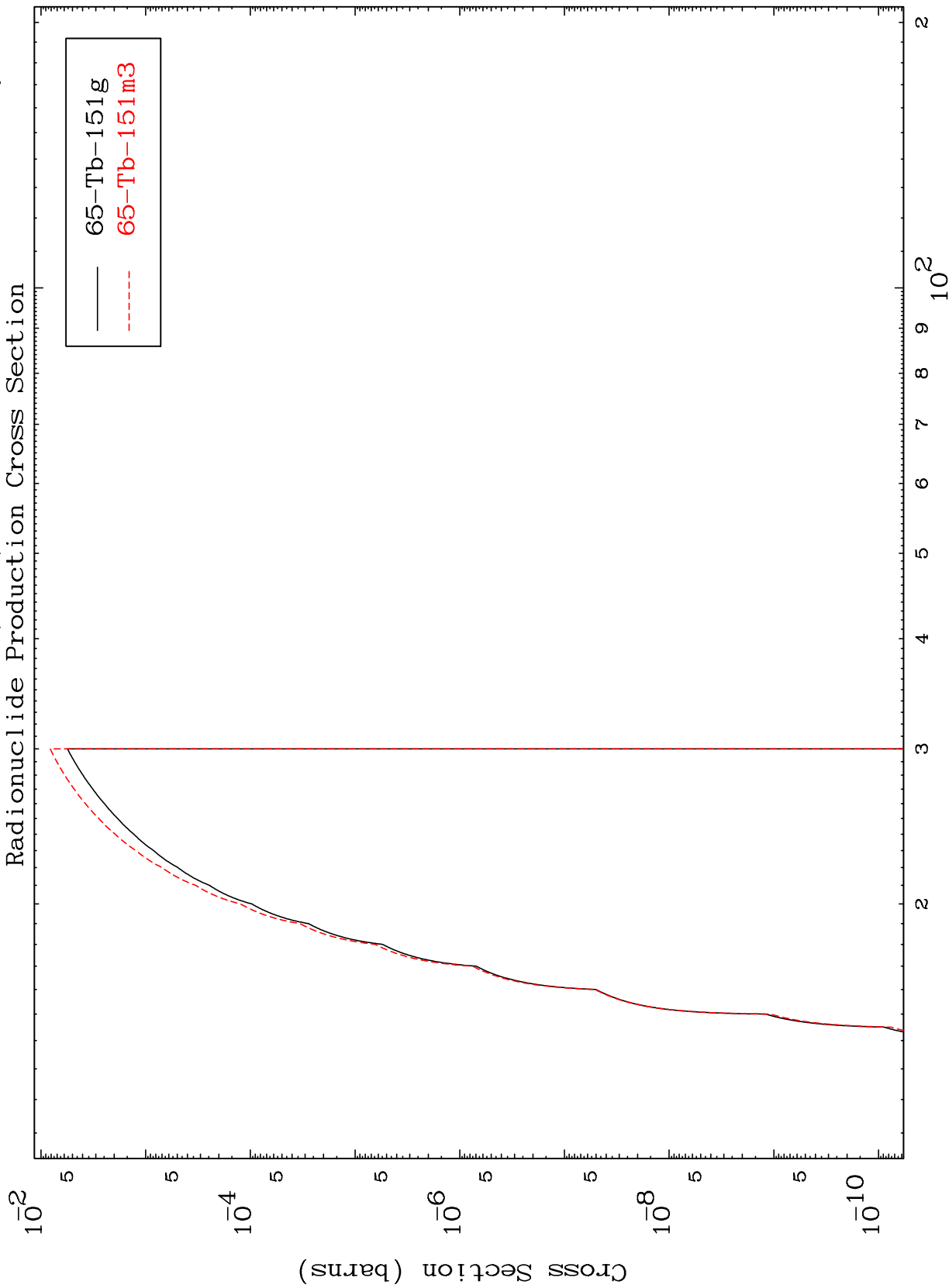
134

66-Dy-153

MAT 6616

(n,n') d

66-Dy-153

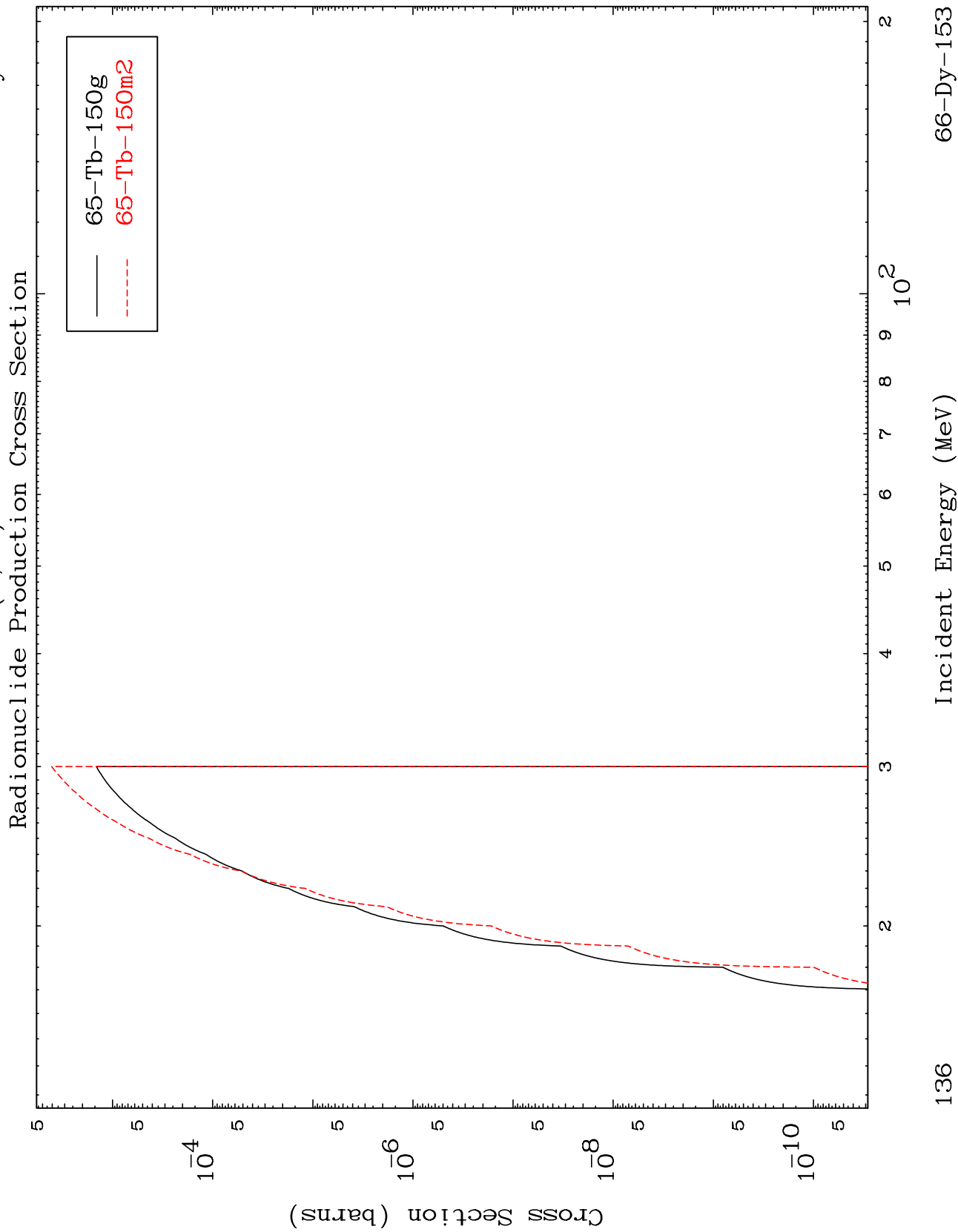


135

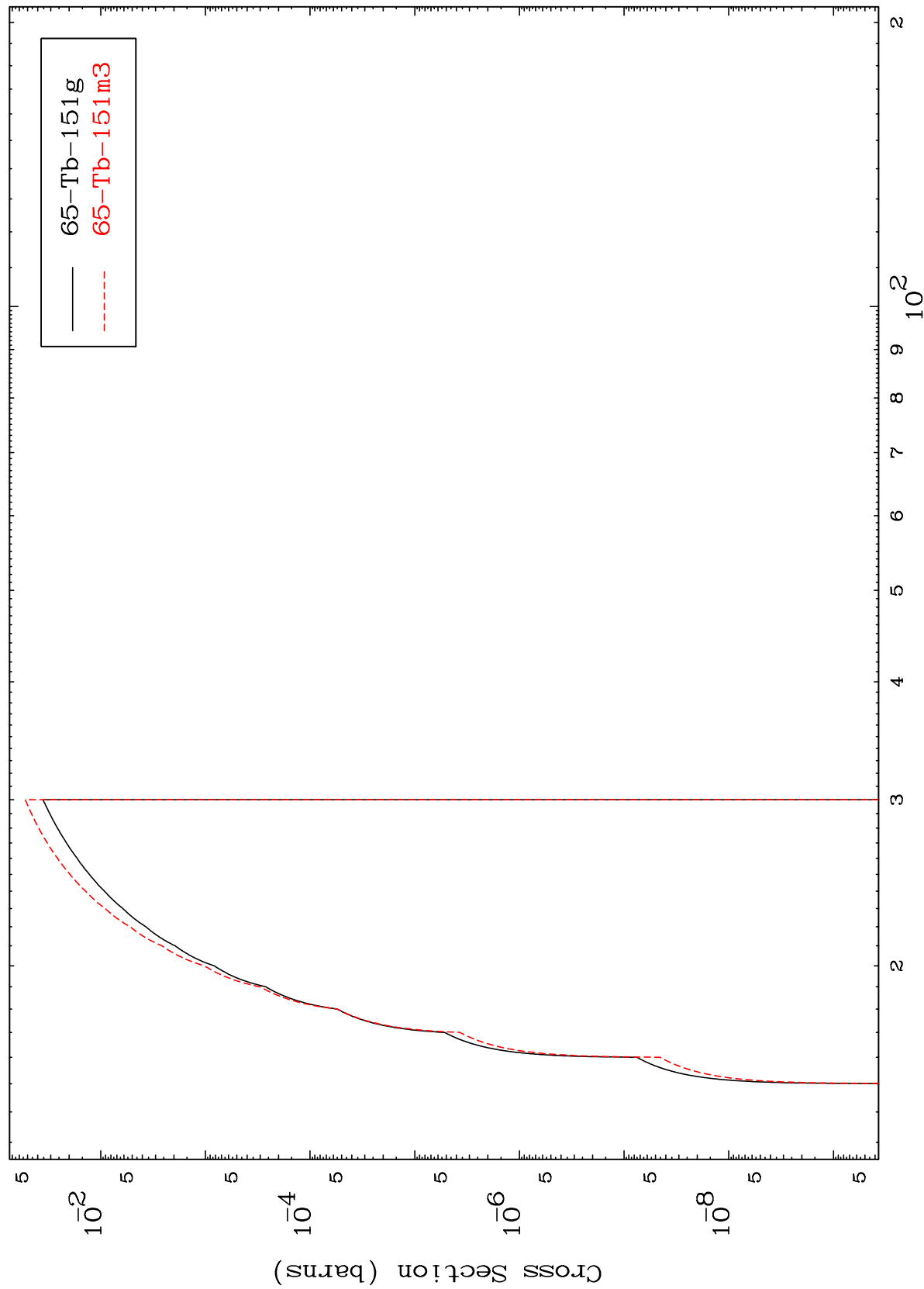
Incident Energy (MeV)

66-Dy-153

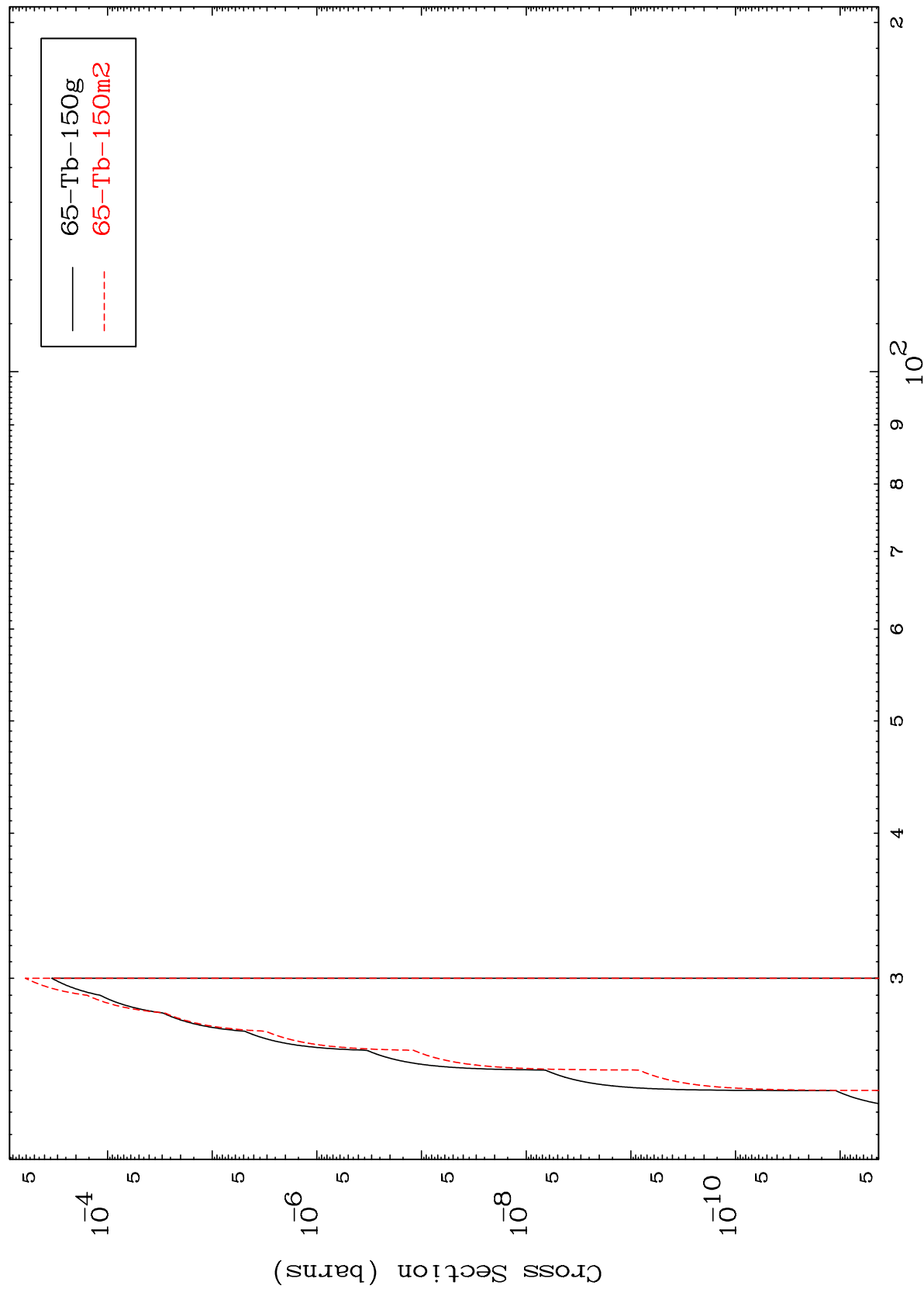




Radionuclide Production Cross Section



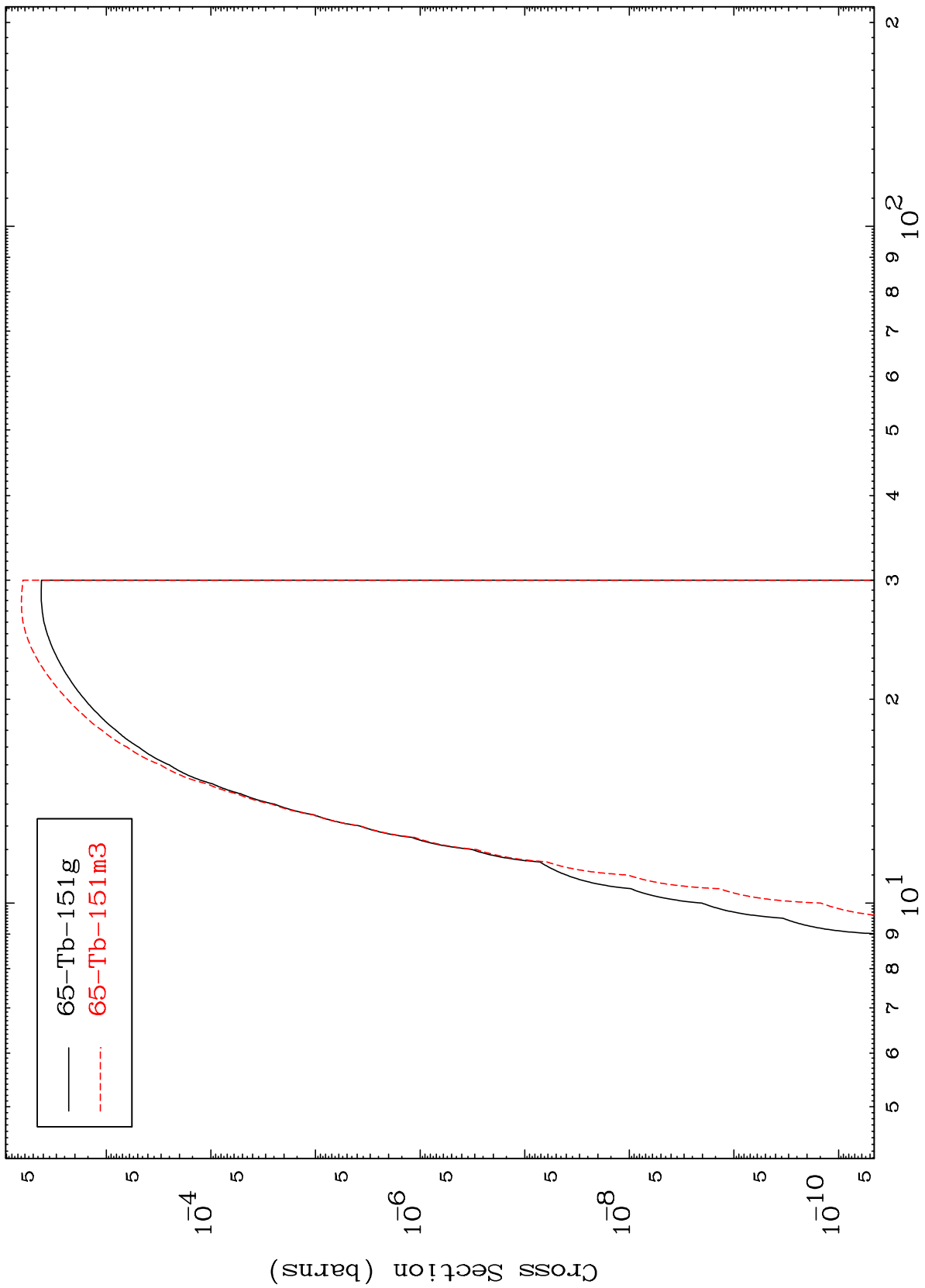
Radionuclide Production Cross Section



MAT 6616

66-Dy-153

Radionuclide Production Cross Section (n,t)



139

Incident Energy (MeV)

66-Dy-153