

Program EVALPLOT  
(Version 2018-1)

by

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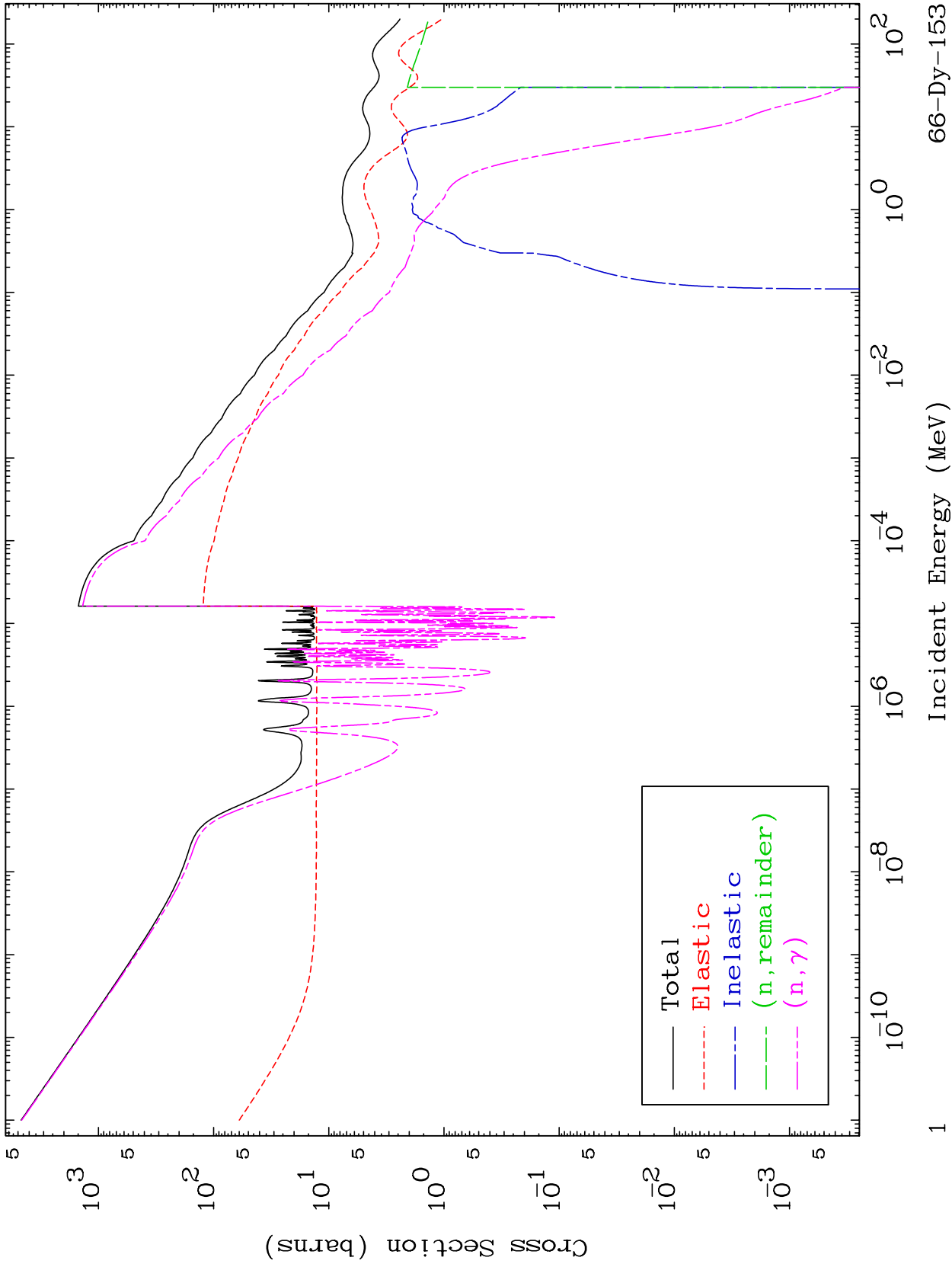
Press Mouse Button to Start

MAT 6616

Major

293 Kelvin Cross Sections

66-Dy-153



1

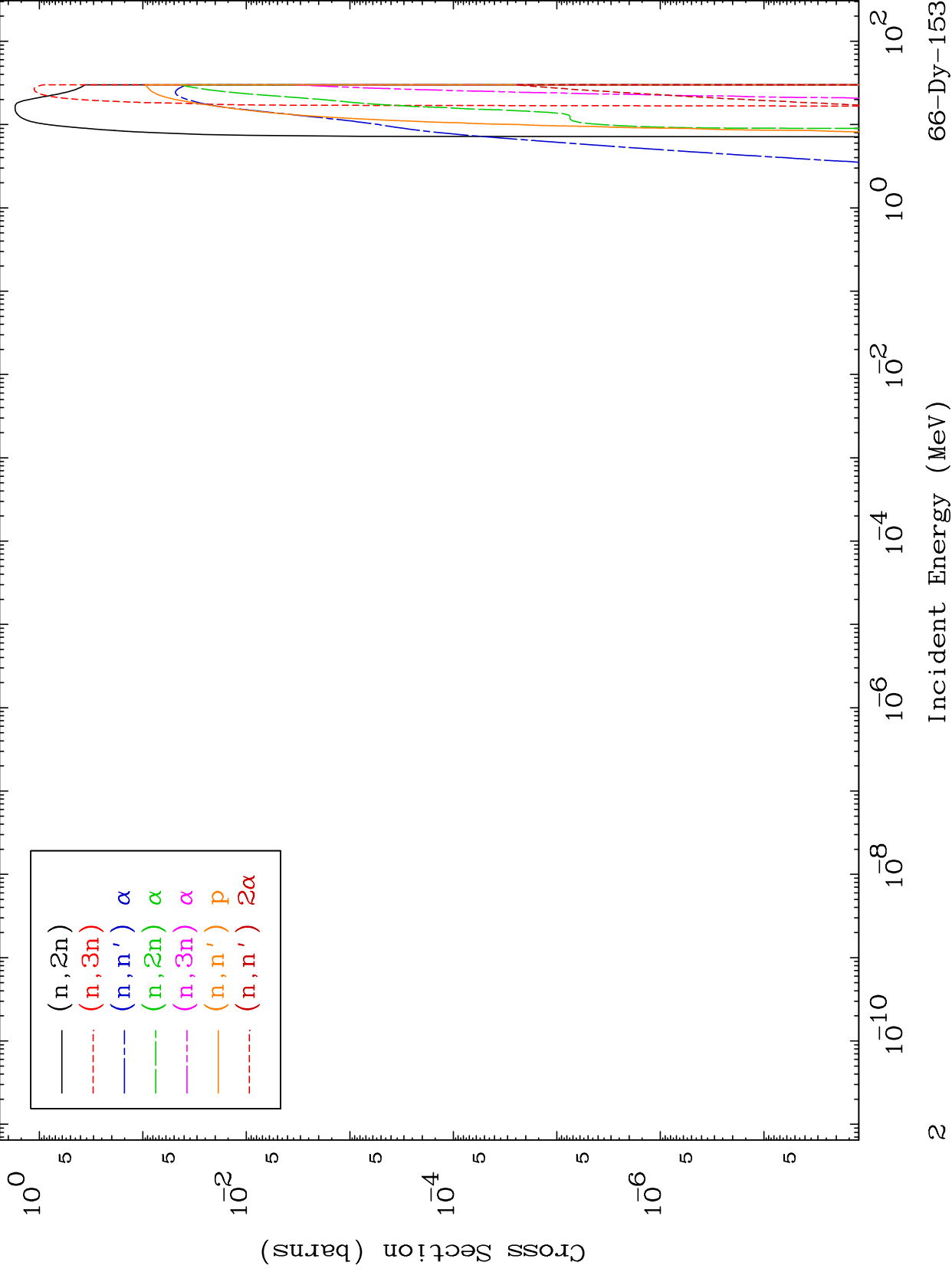
Incident Energy (MeV)

66-Dy-153

MAT 6616

Neutron Production  
293 Kelvin Cross Sections

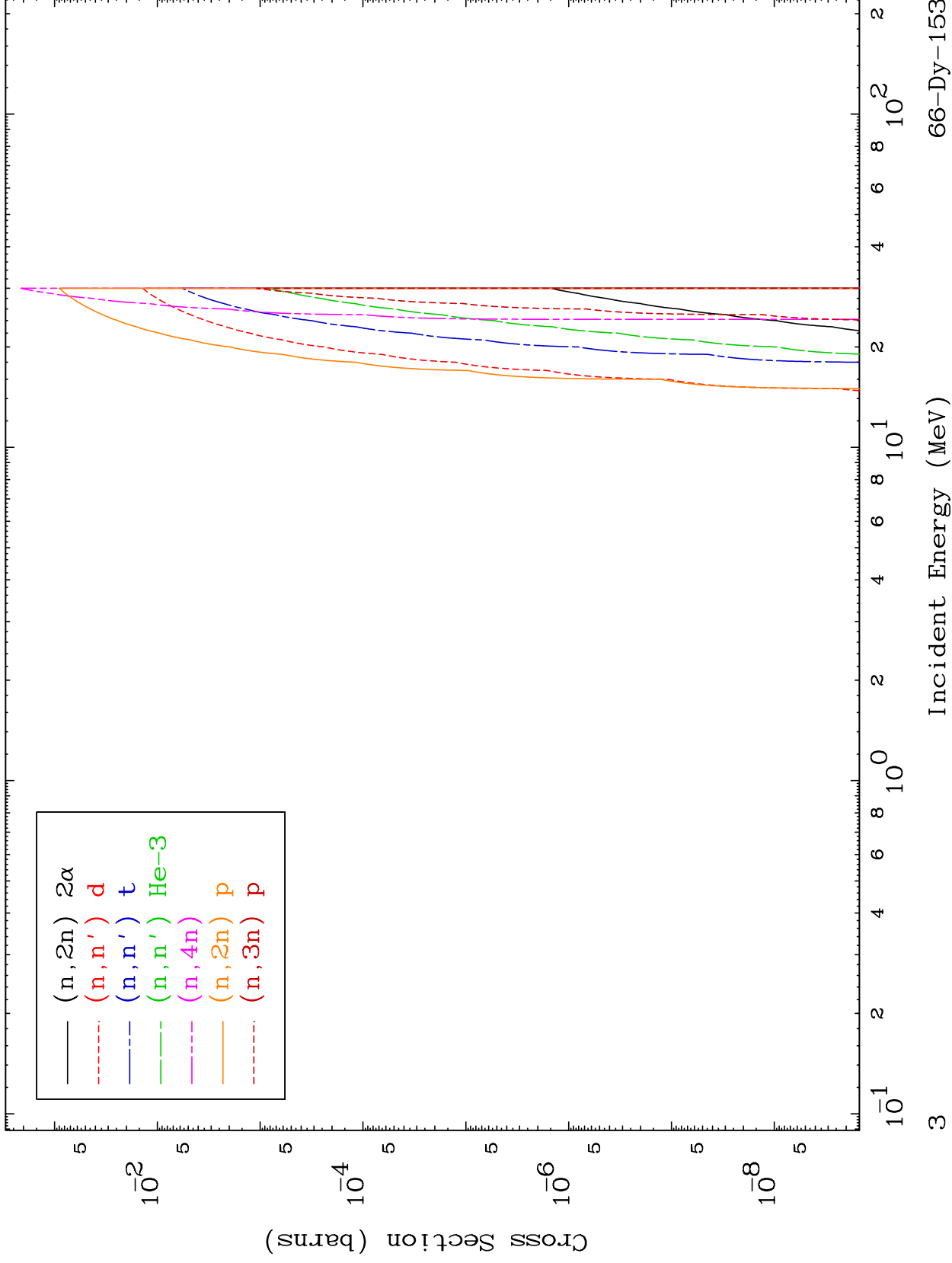
66-Dy-153



MAT 6616

Neutron Production  
293 Kelvin Cross Sections

66-Dy-153



66-Dy-153

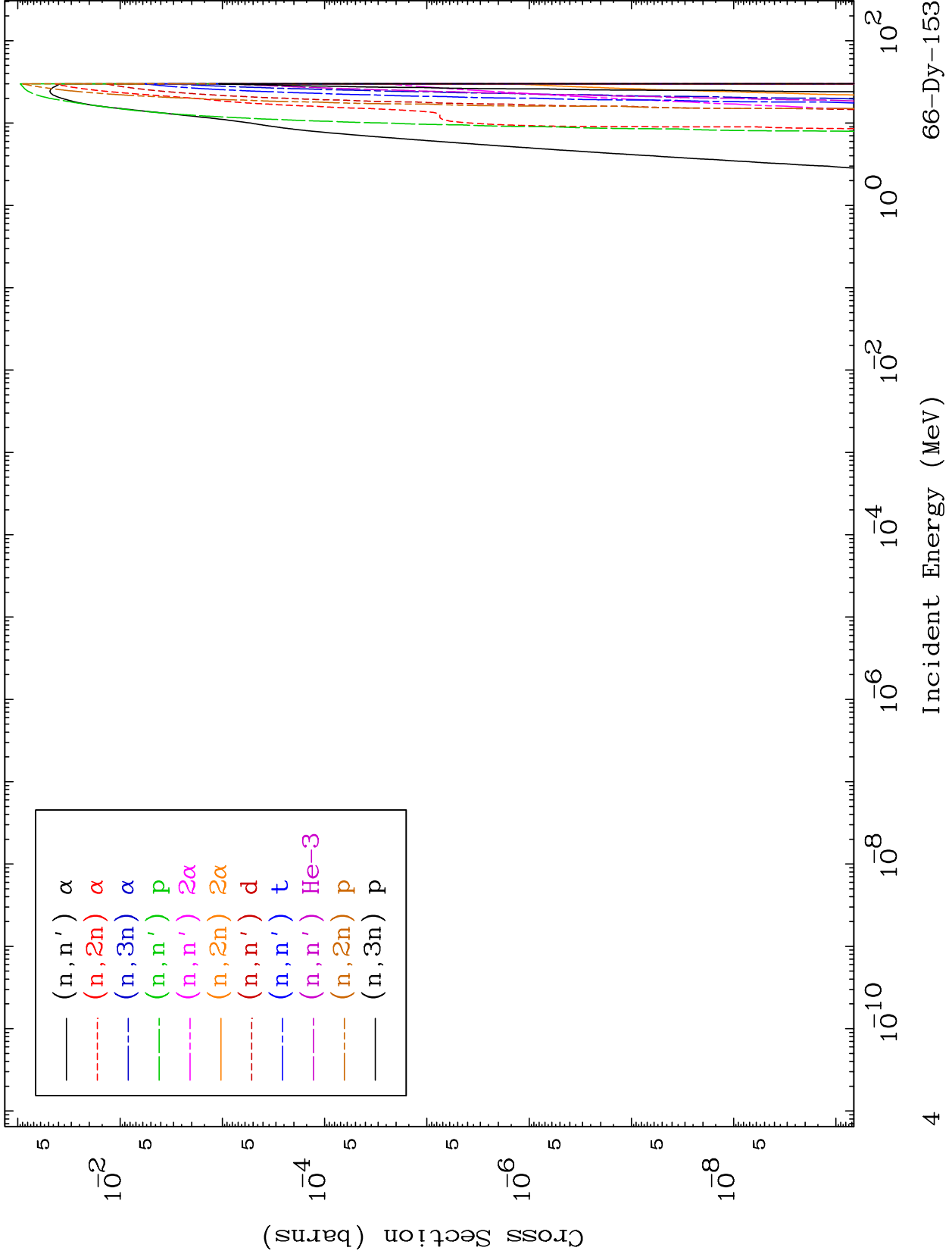
Incident Energy (MeV)

3

MAT 6616

Charged Particle  
293 Kelvin Cross Sections

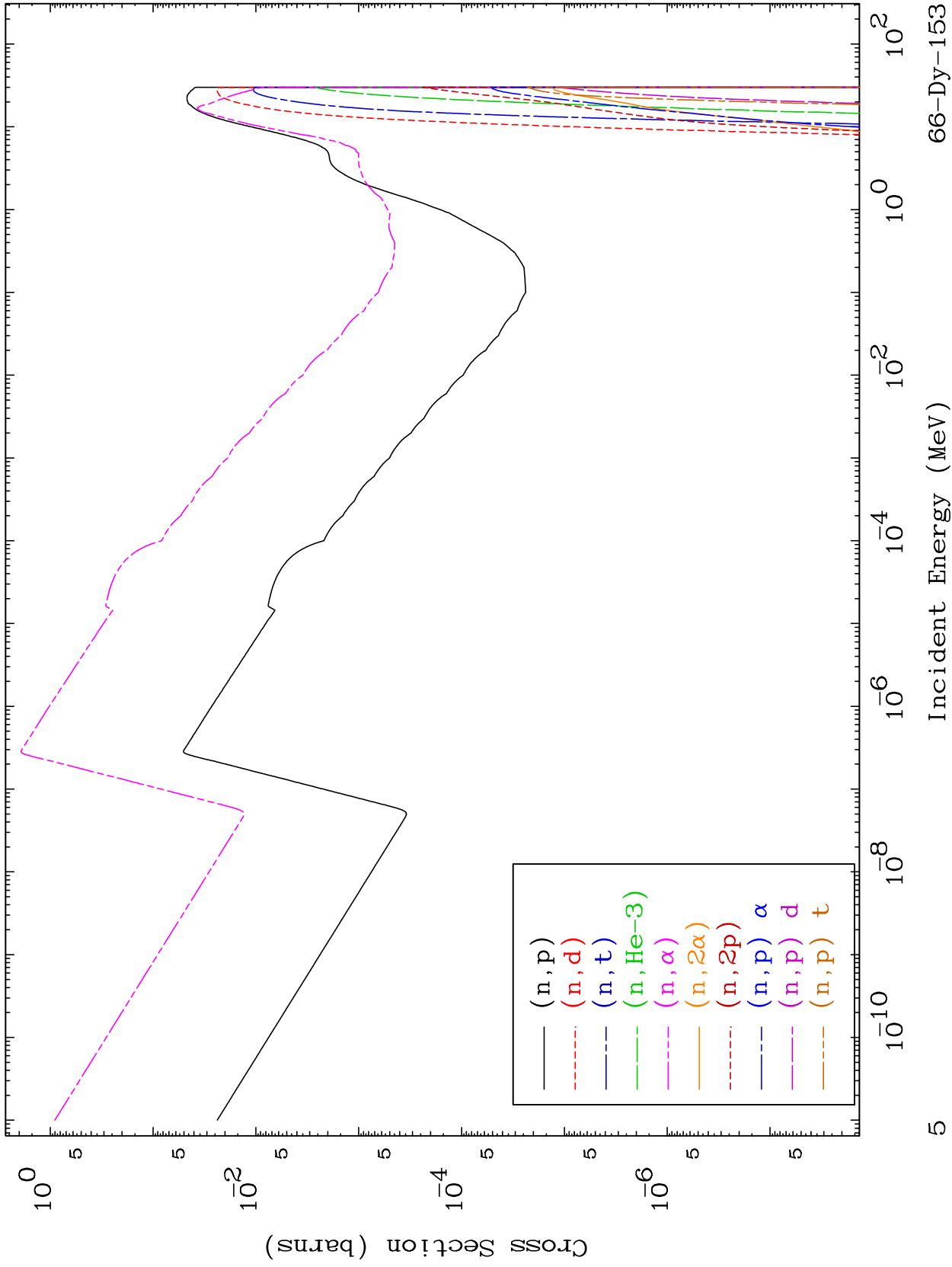
66-Dy-153



MAT 6616

Charged Particle  
293 Kelvin Cross Sections

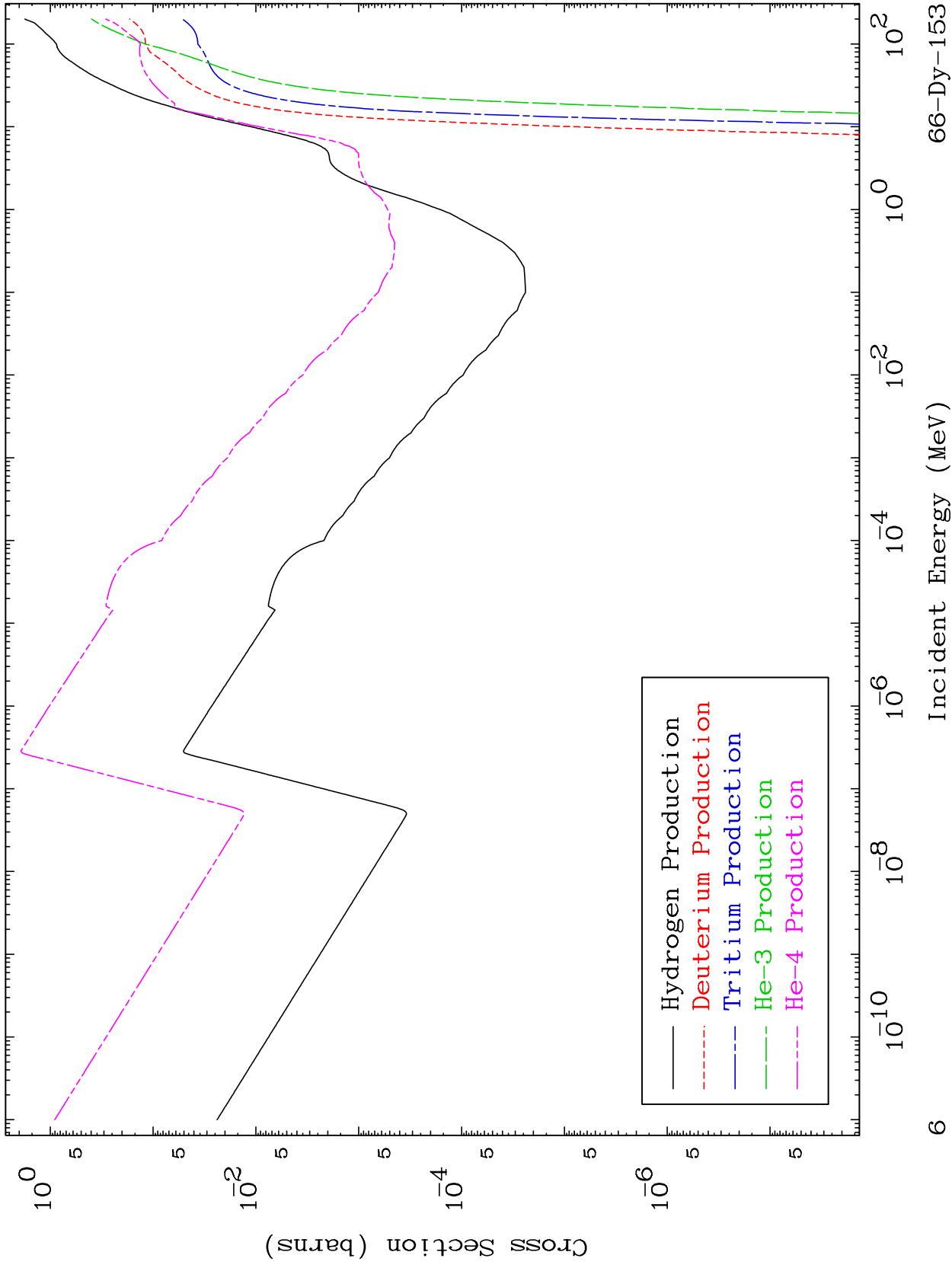
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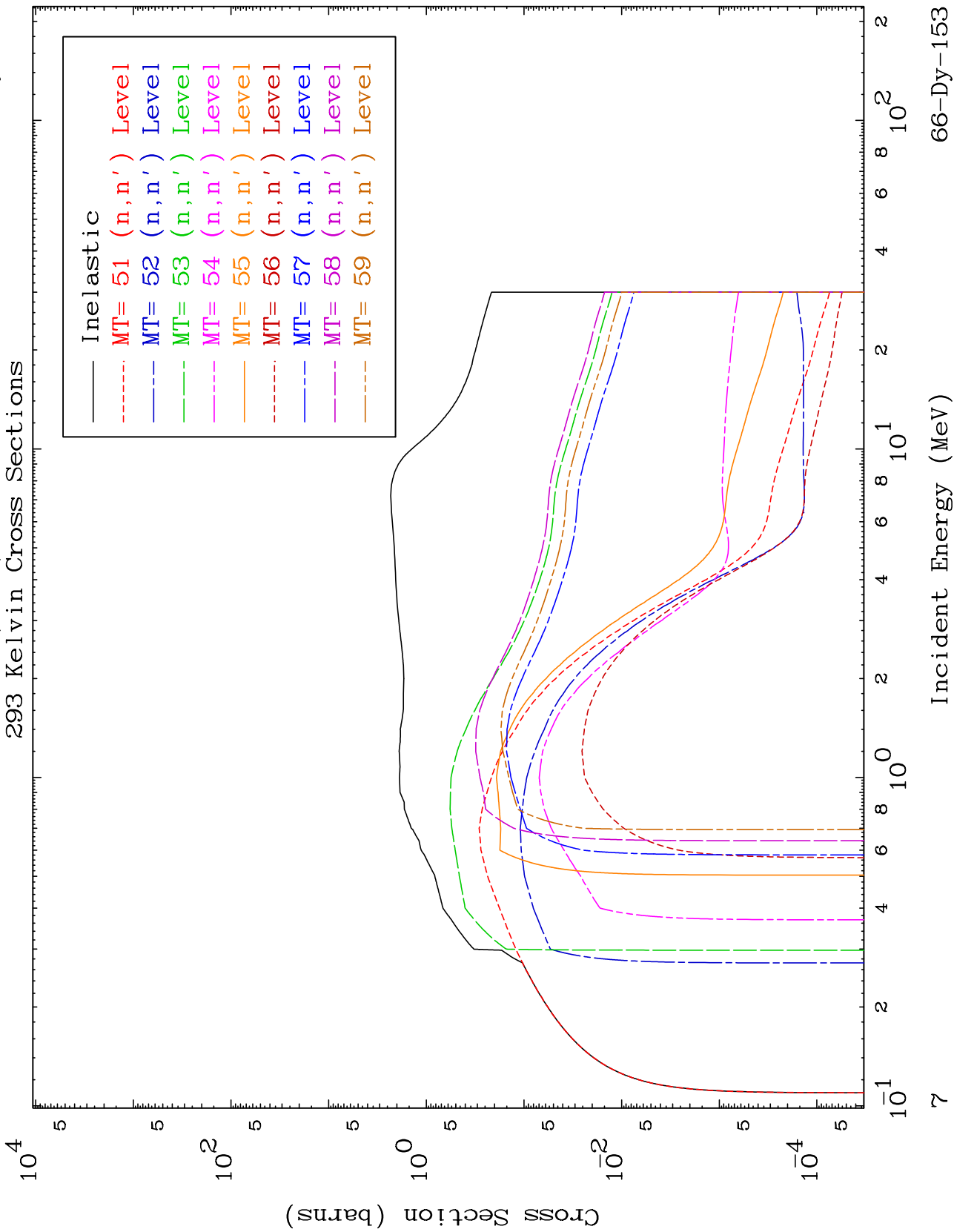


MAT 6616

Particle Production  
293 Kelvin Cross Sections

66-Dy-153





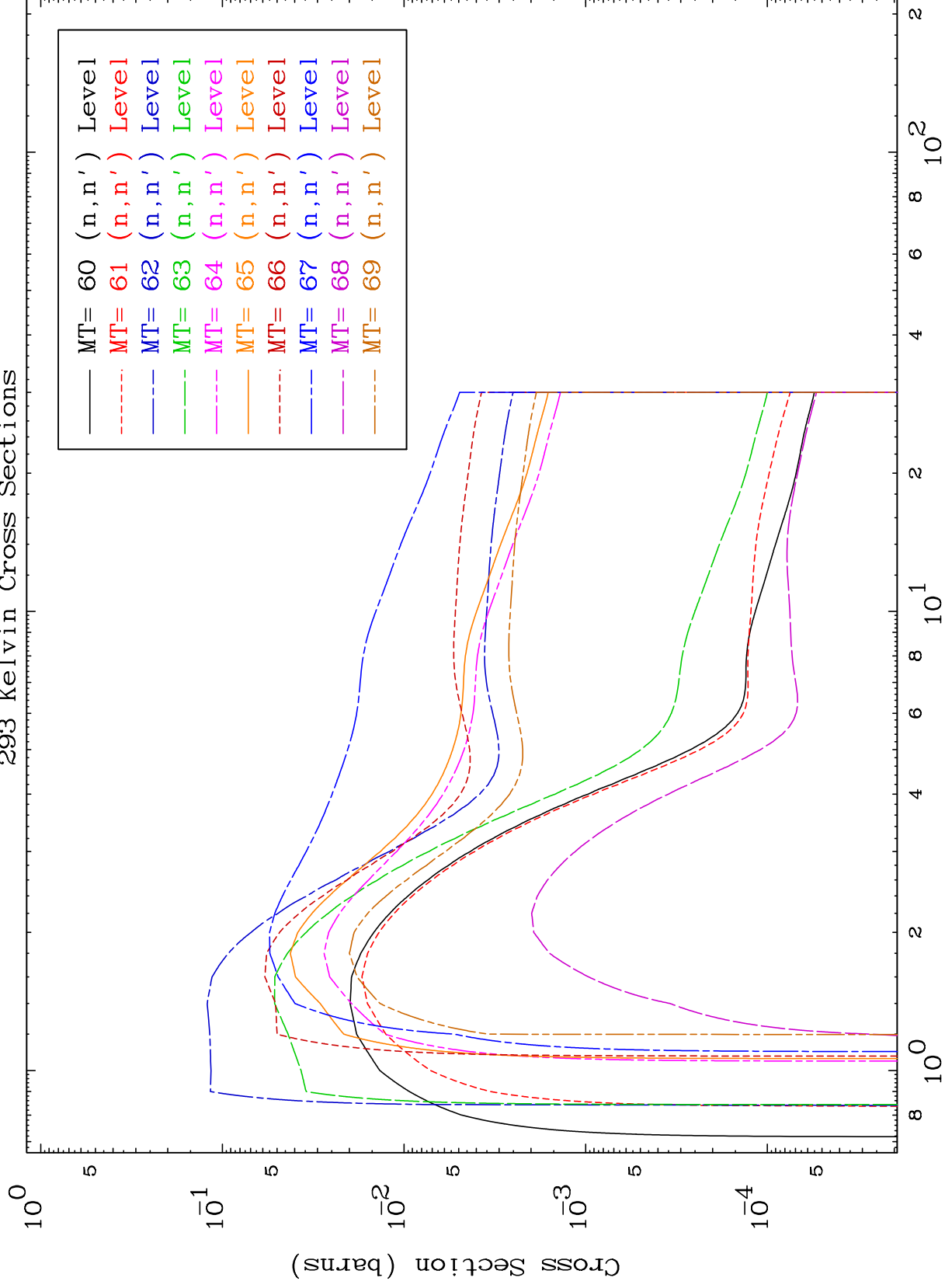


MAT 6616

(n,n') Level

293 Kelvin Cross Sections

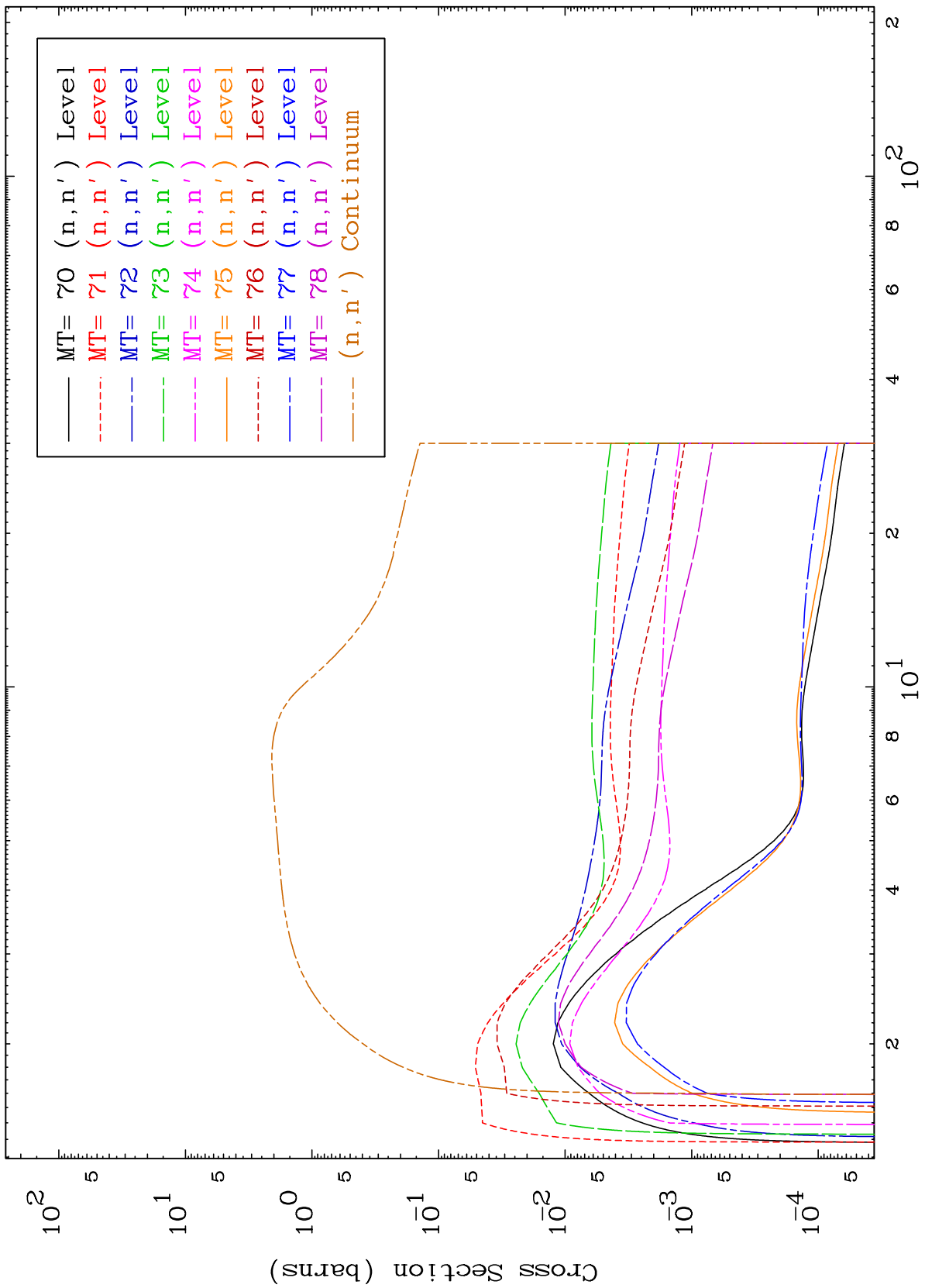
66-Dy-153



8

Incident Energy (MeV)

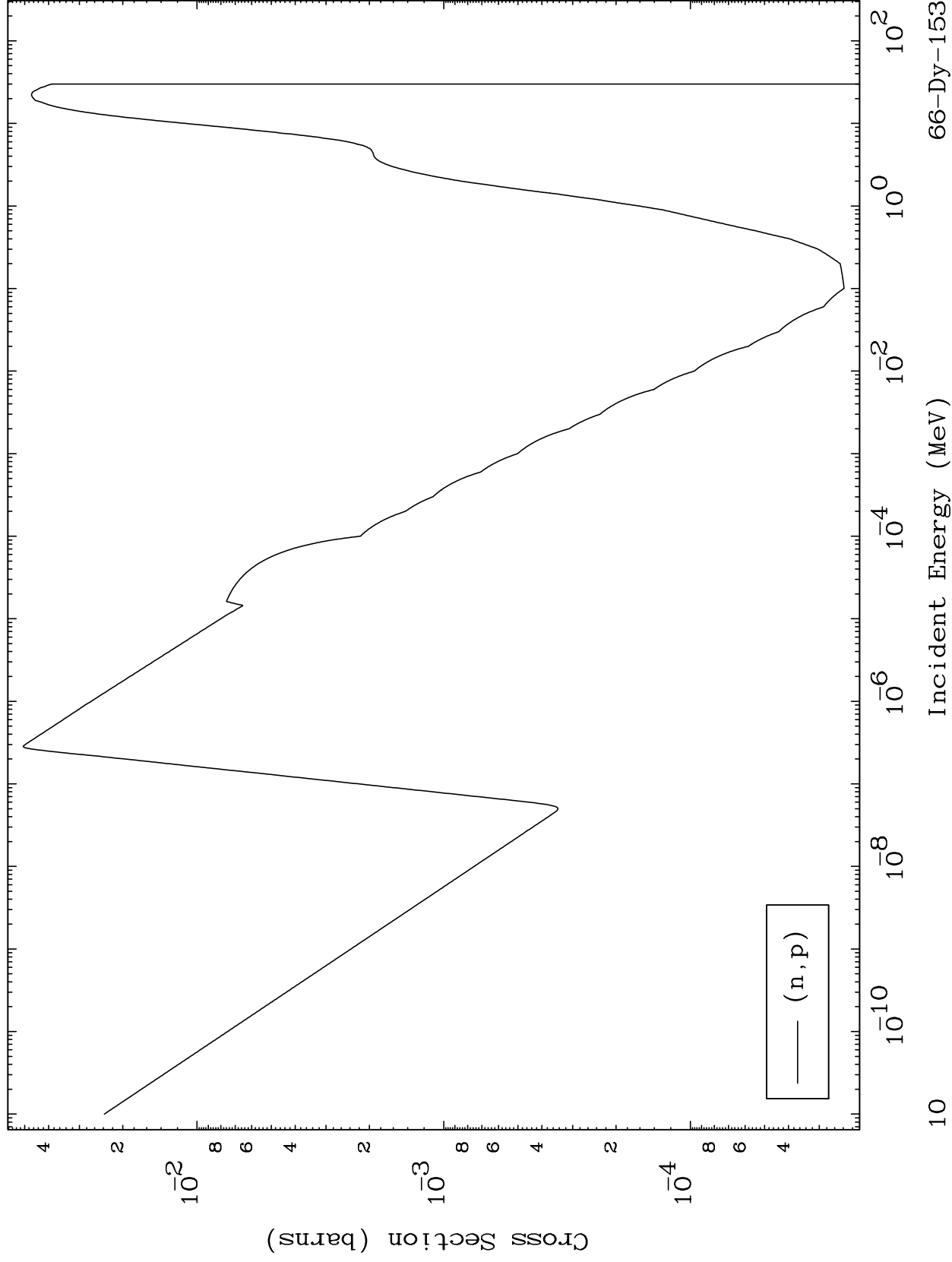
66-Dy-153



MAT 6616

(n,p) Levels  
293 Kelvin Cross Sections

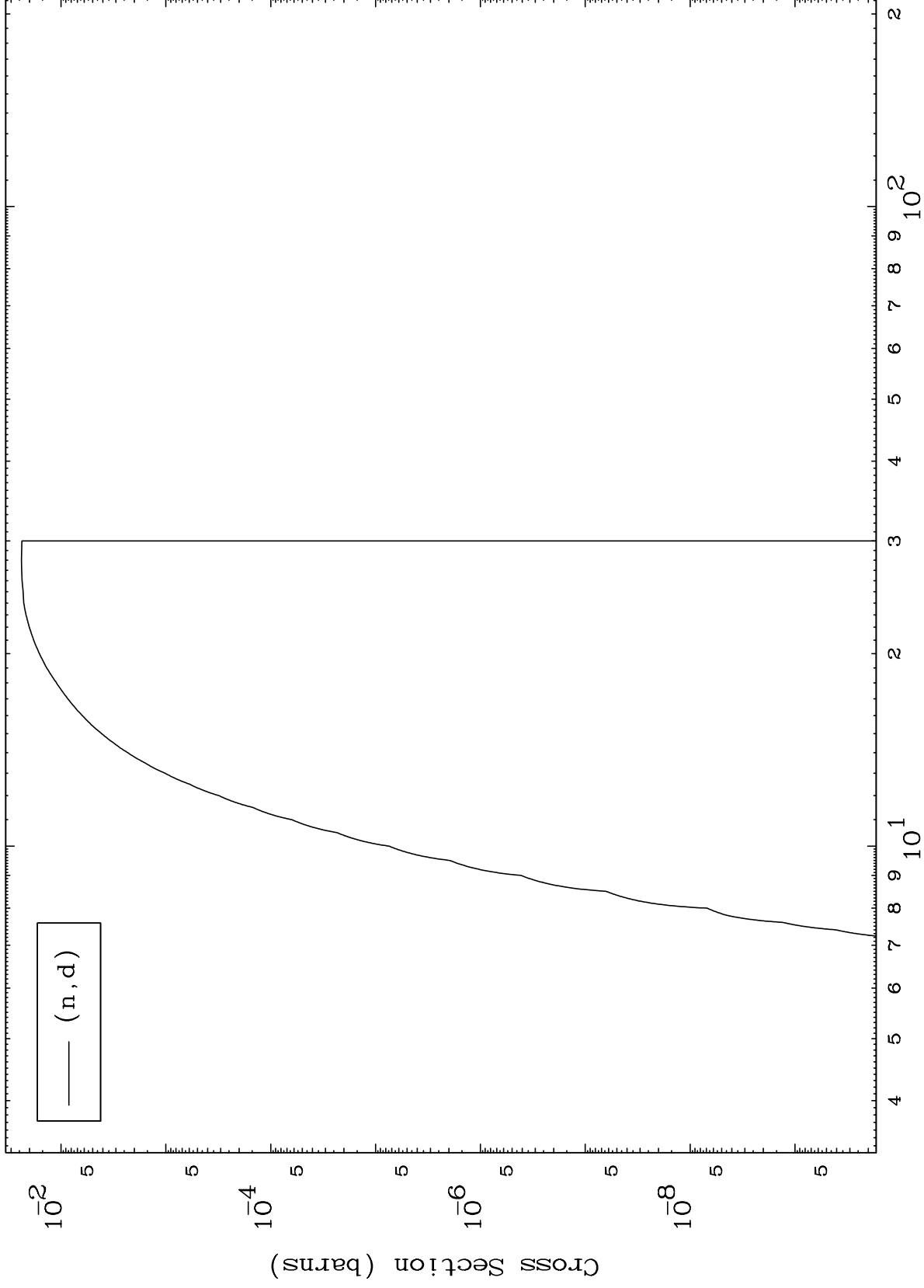
66-Dy-153



MAT 6616

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-153



11

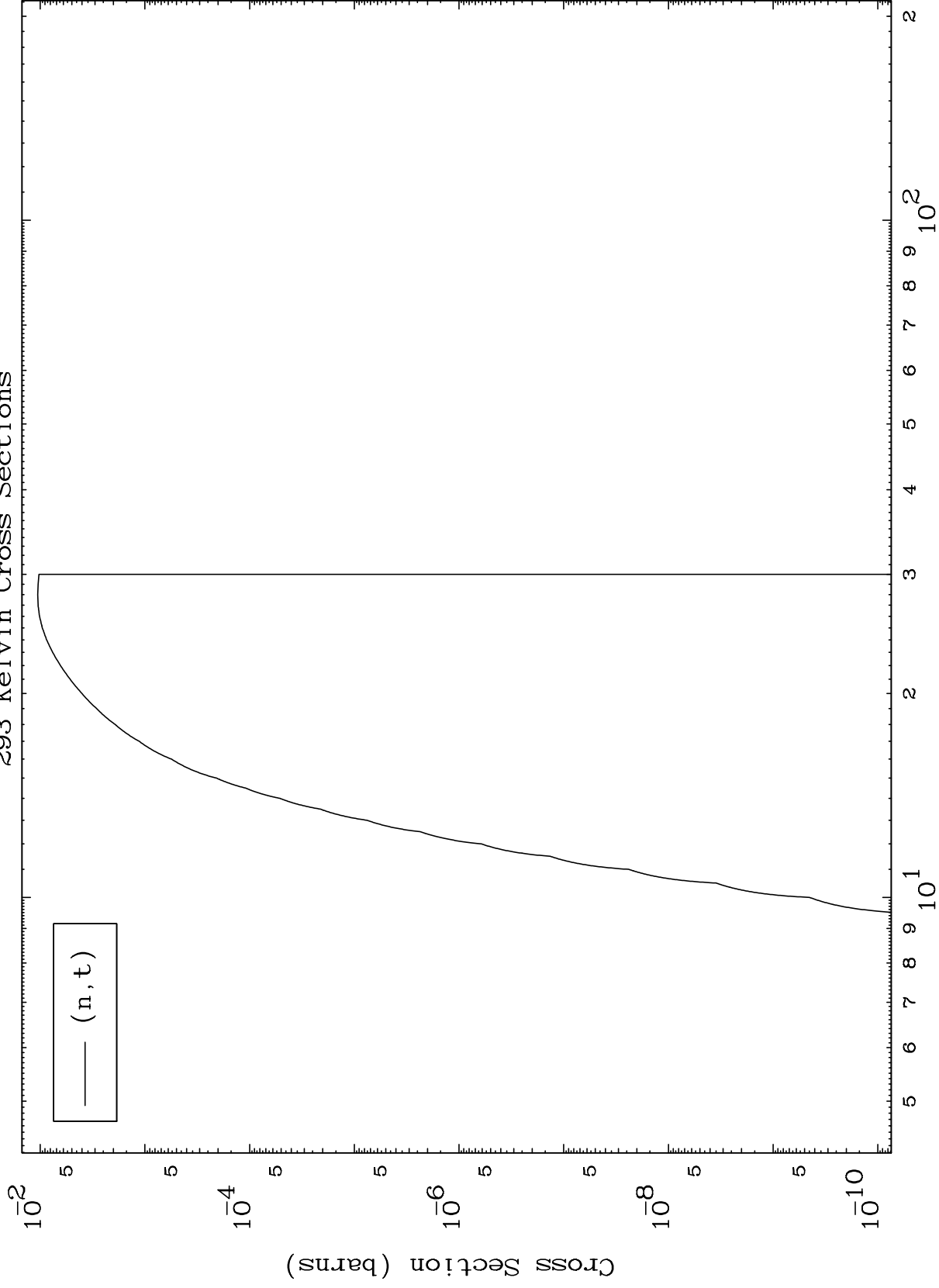
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-153



12

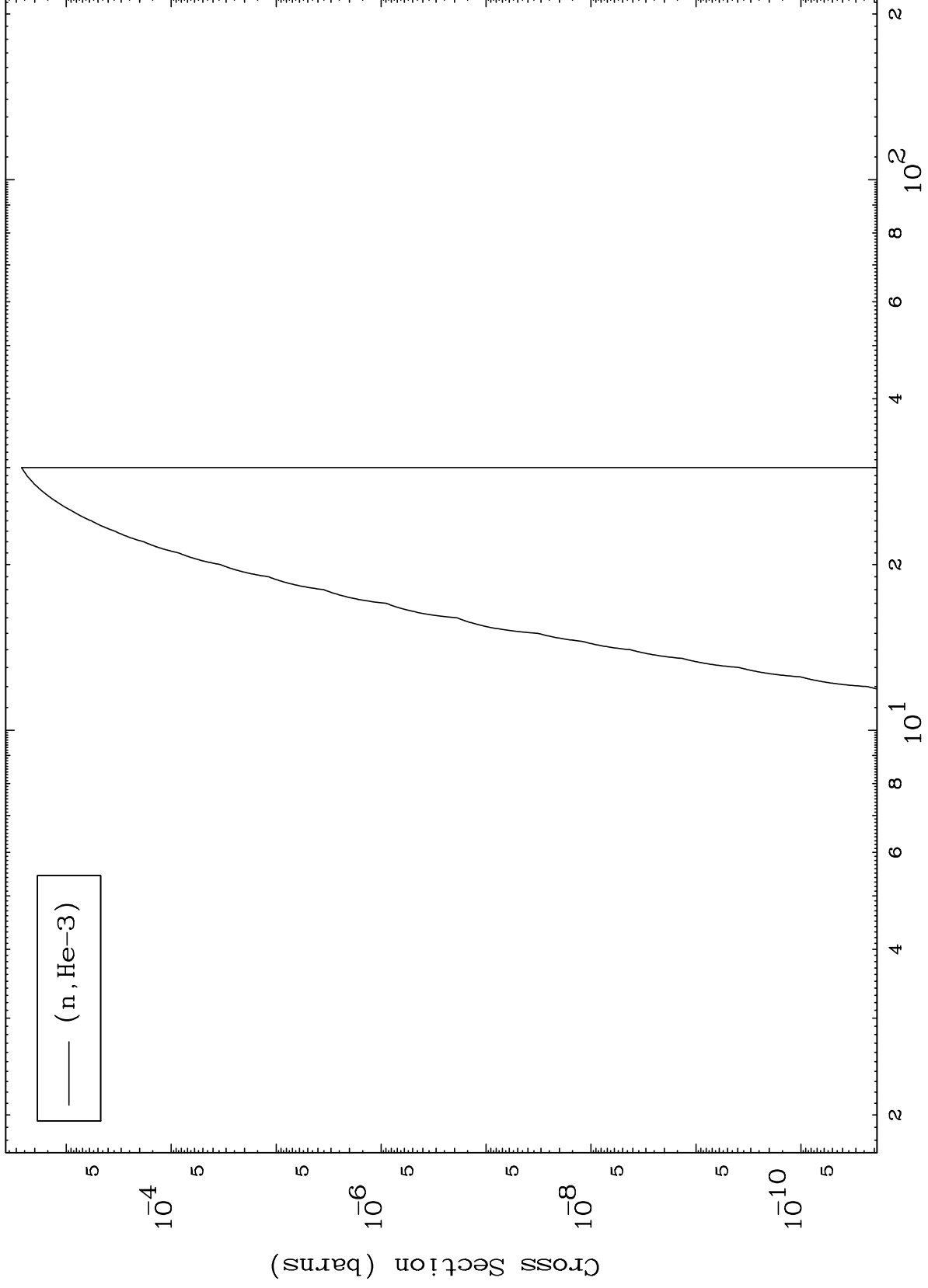
Incident Energy (MeV)

66-Dy-153

MAT 6616

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-153



13

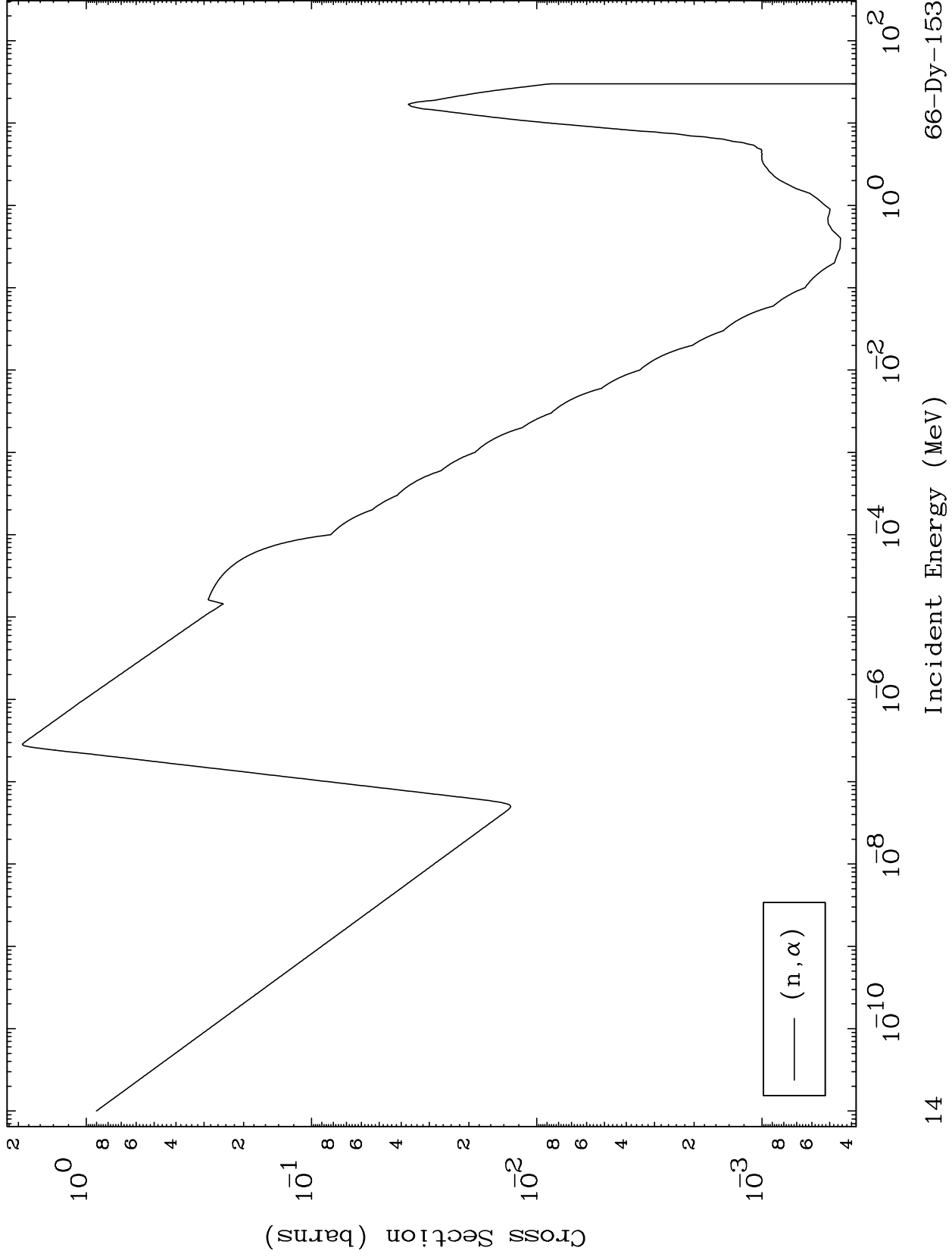
Incident Energy (MeV)

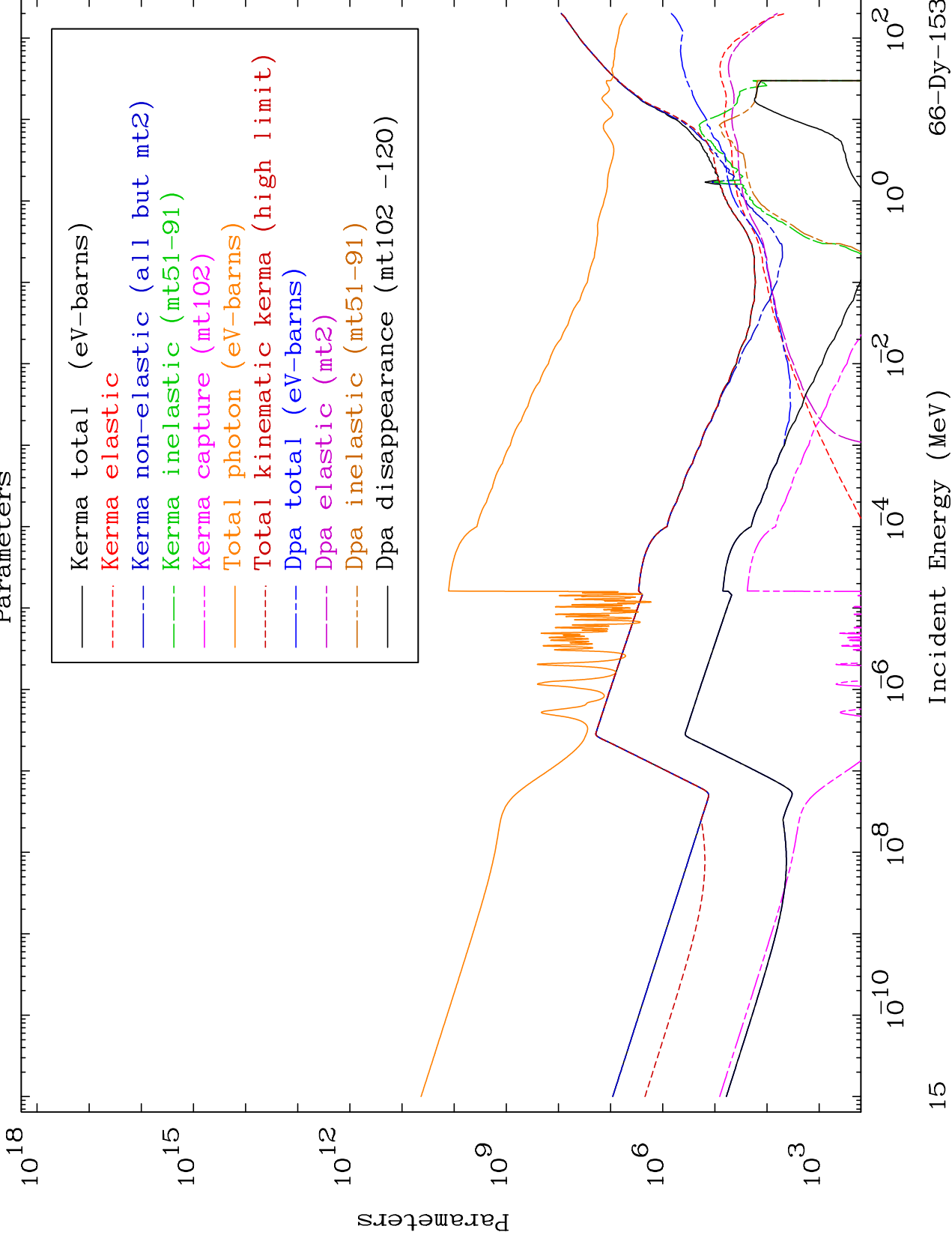
66-Dy-153

MAT 6616

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

66-Dy-153



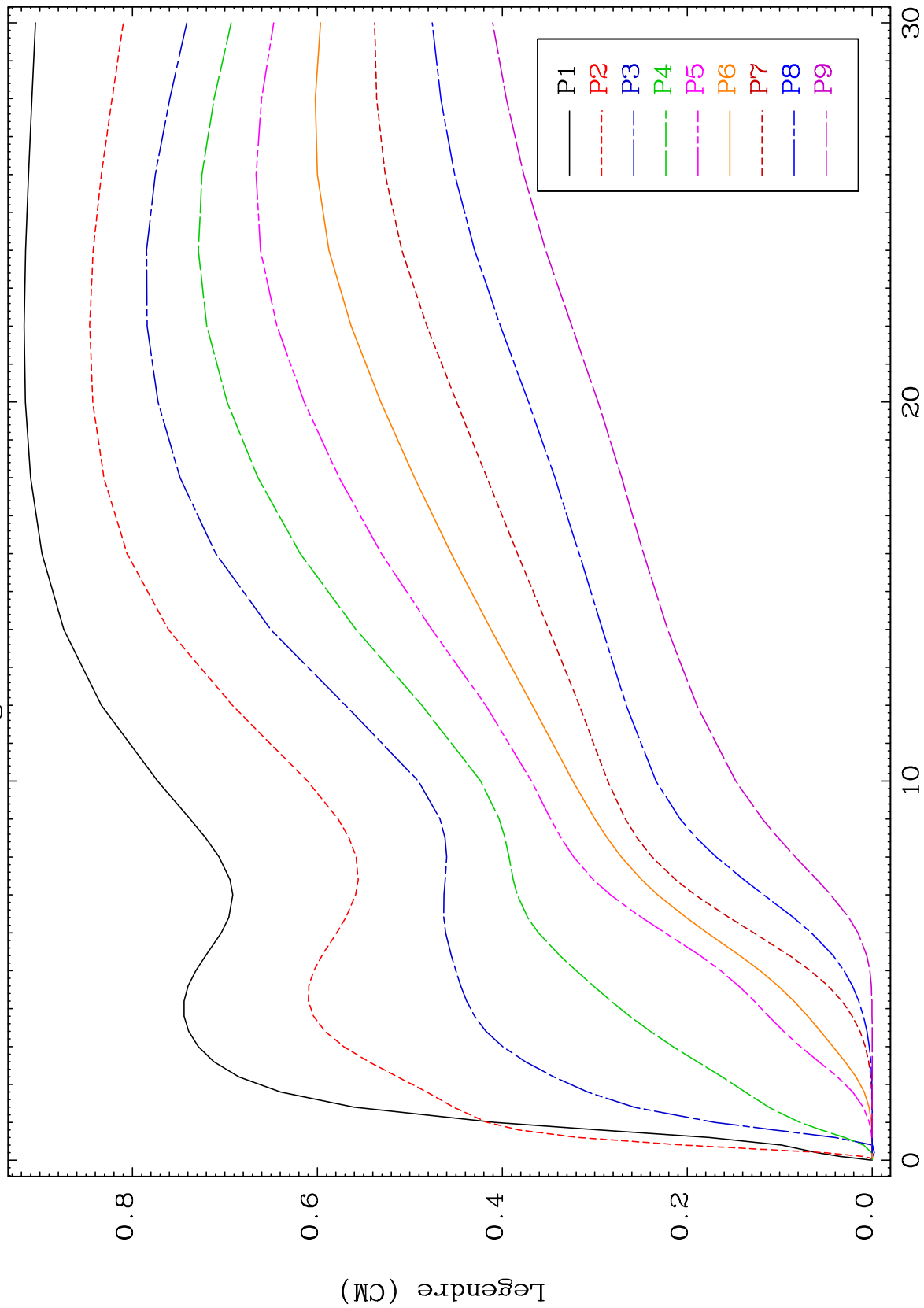




MAT 6616

Elastic Legendre Coefficients

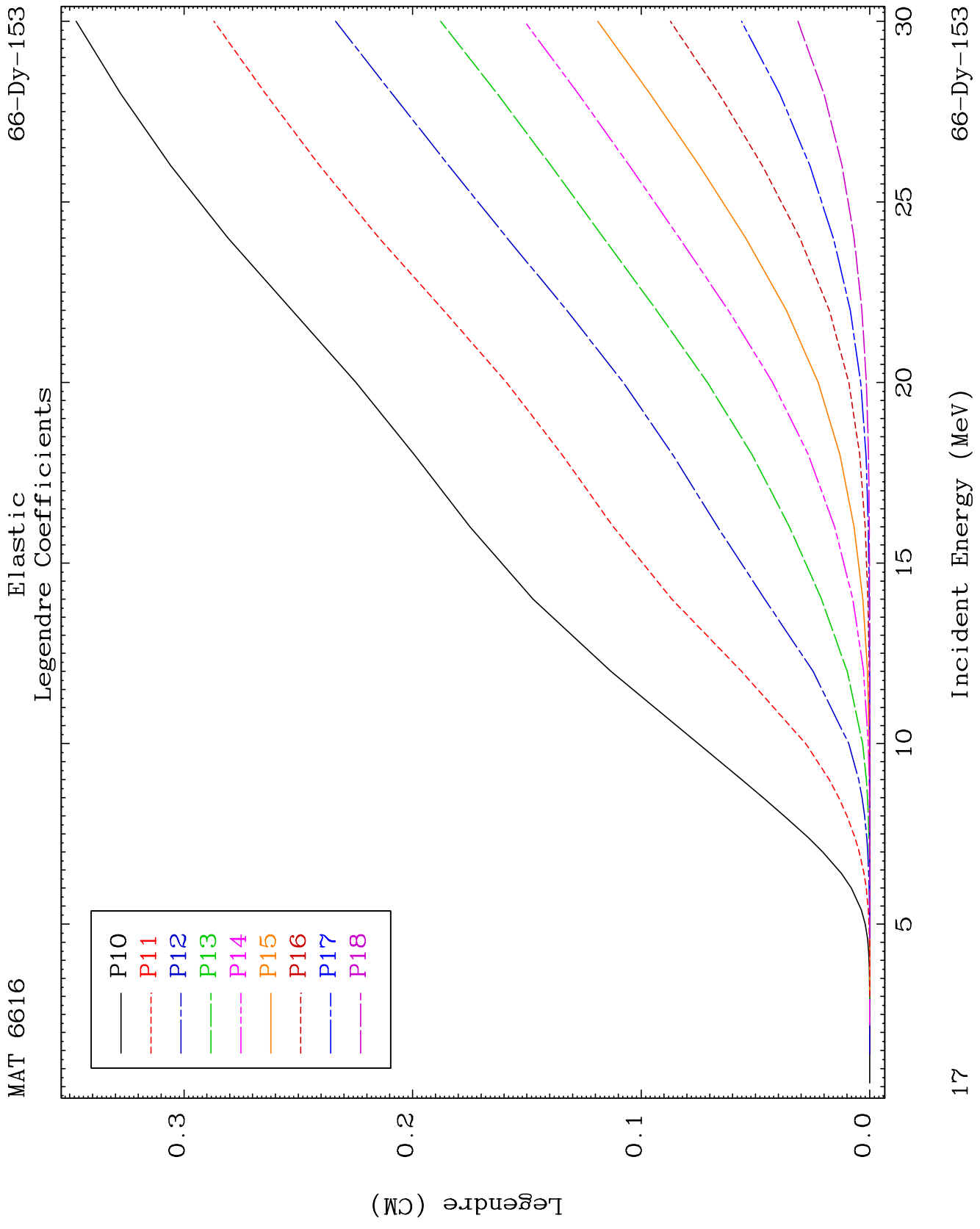
66-Dy-153



16

Incident Energy (MeV)

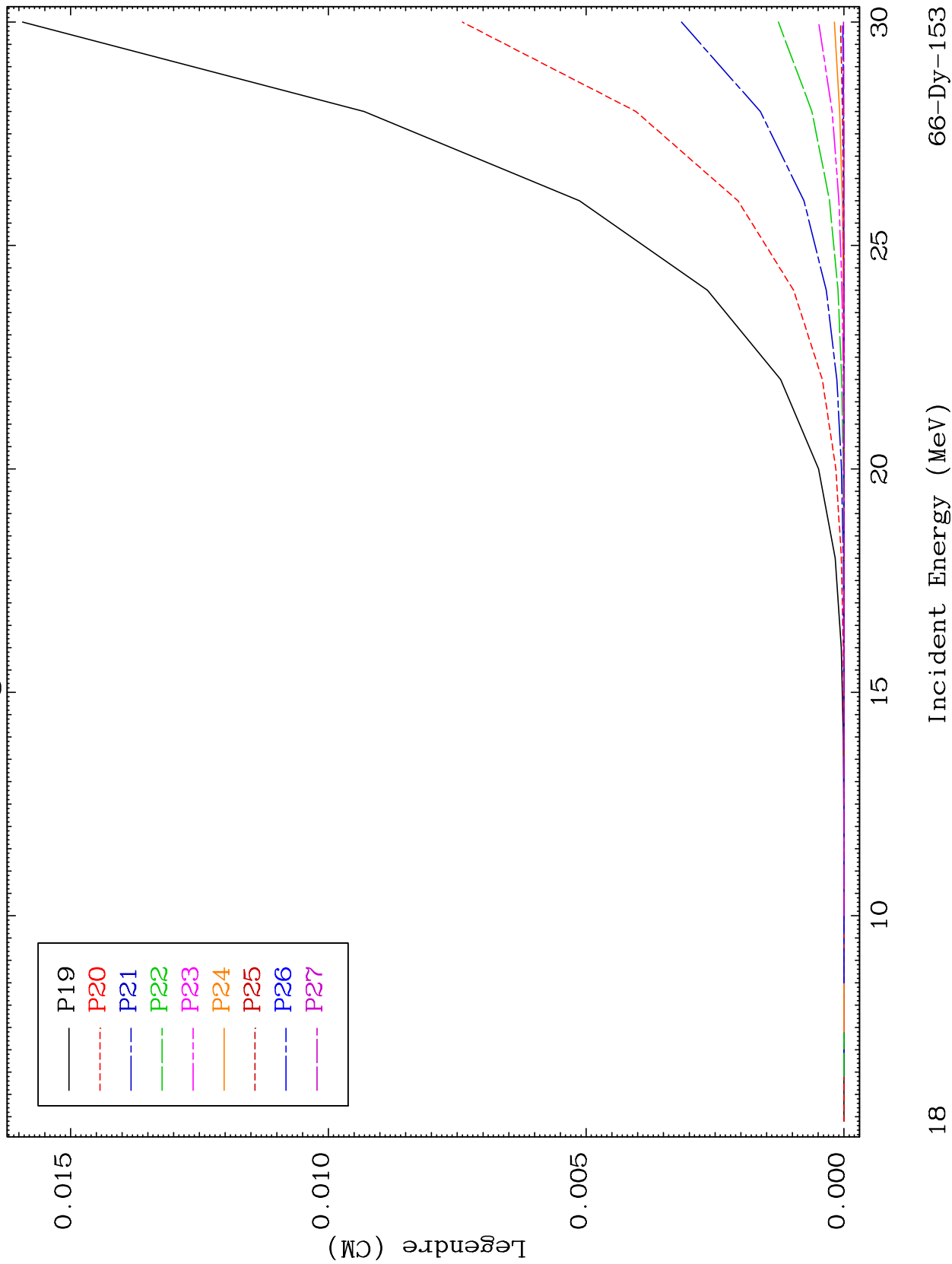
66-Dy-153



MAT 6616

Elastic Legendre Coefficients

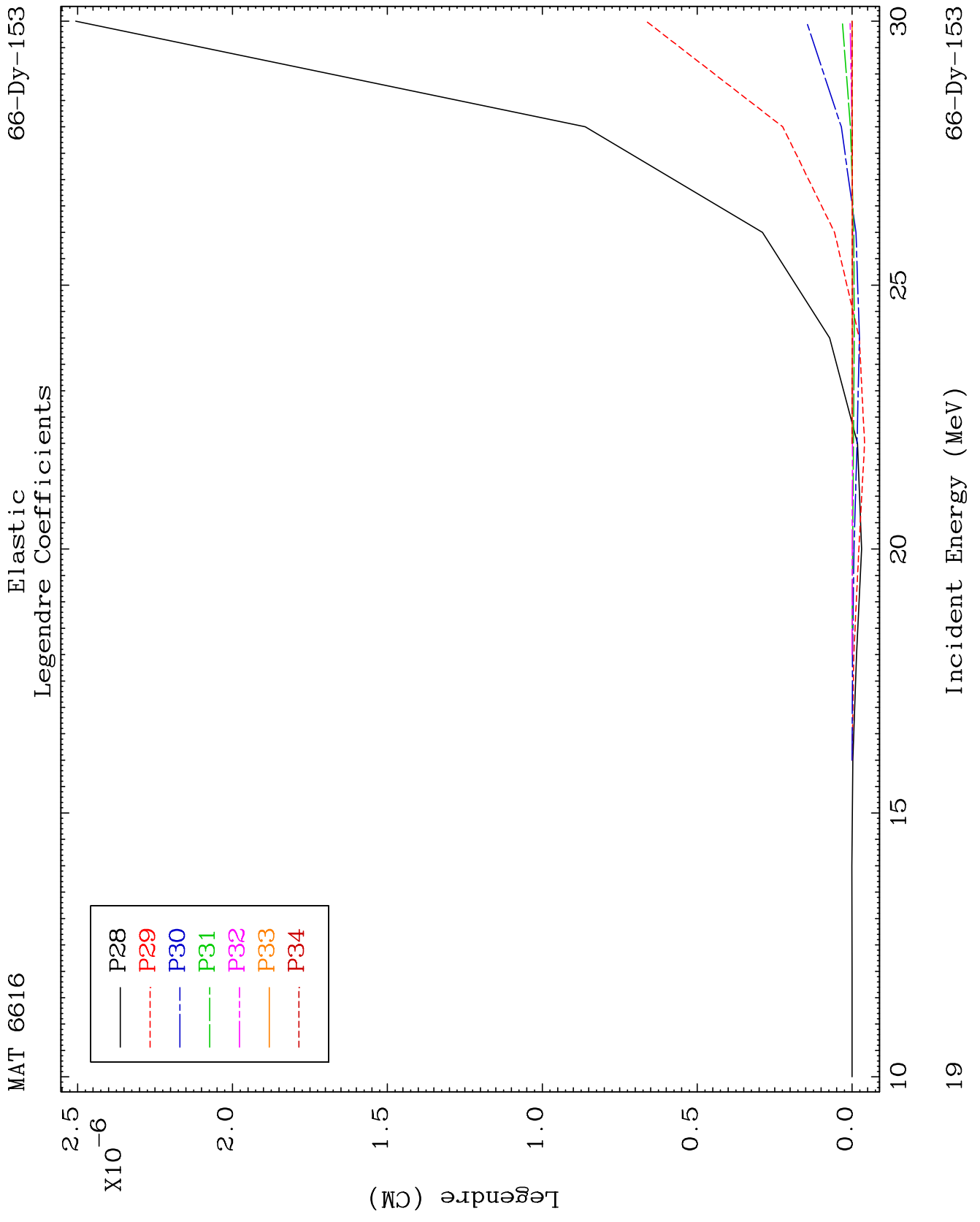
66-Dy-153



18

Incident Energy (MeV)

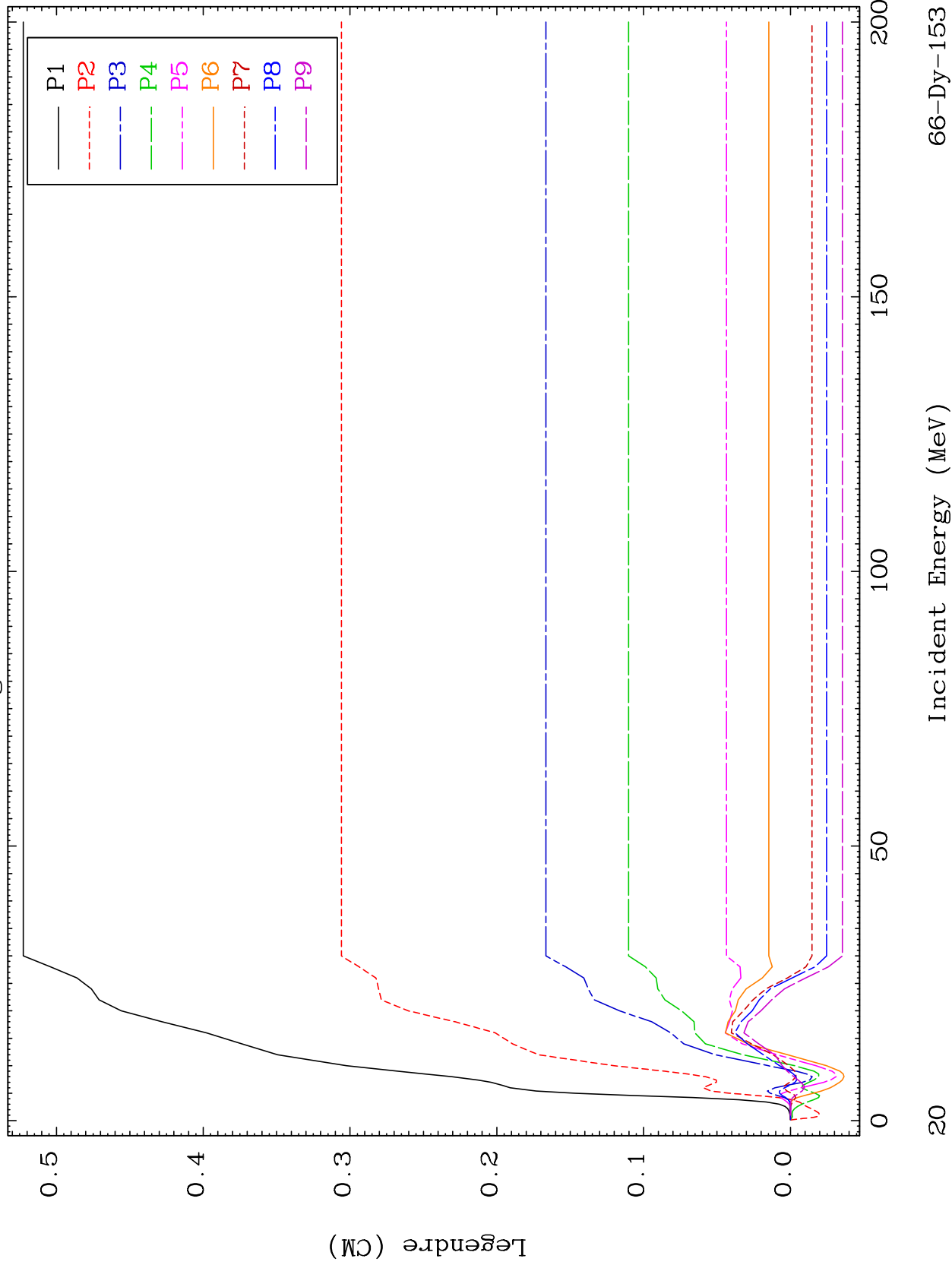
66-Dy-153



MAT 6616

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

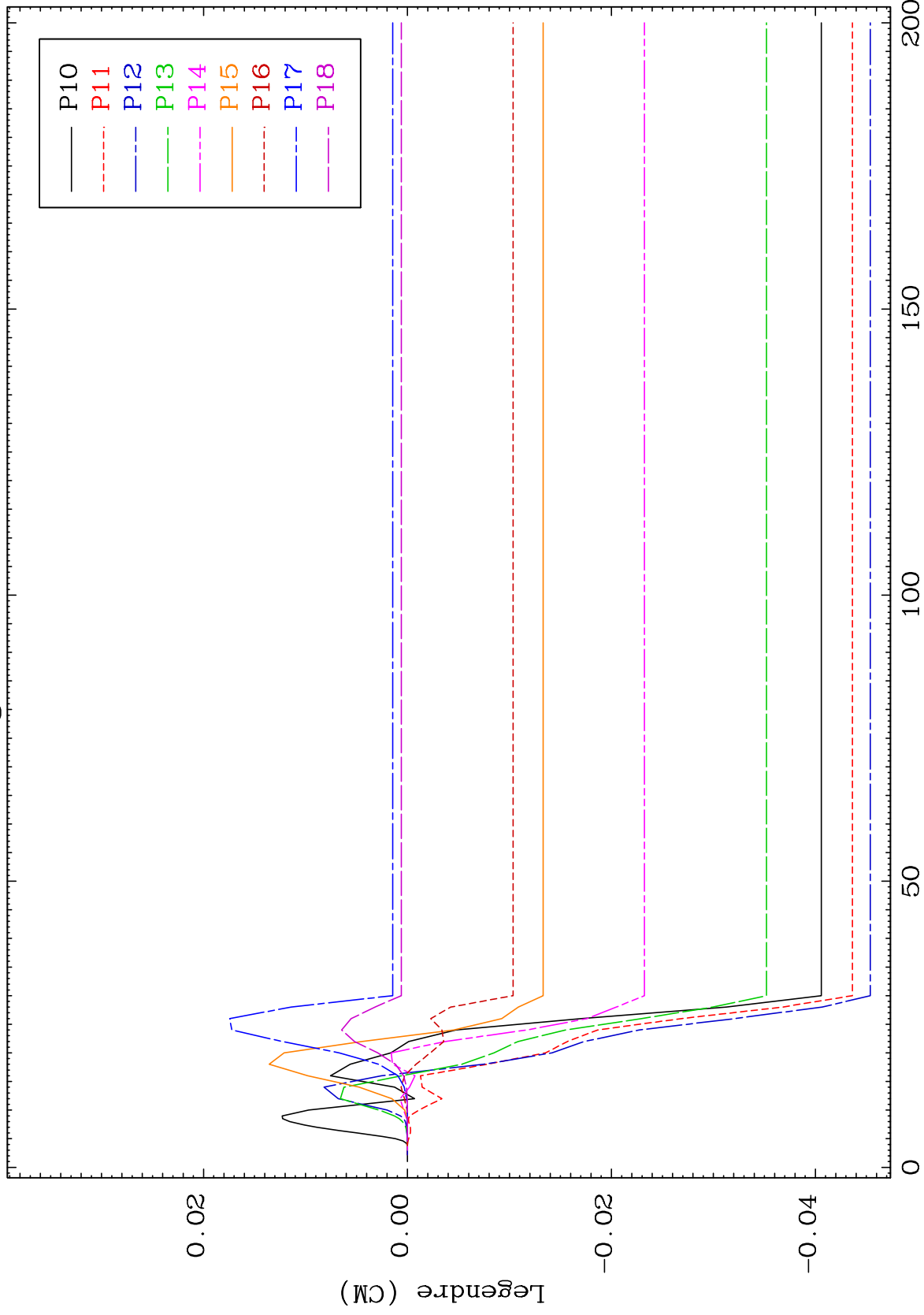
66-Dy-153



MAT 6616

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

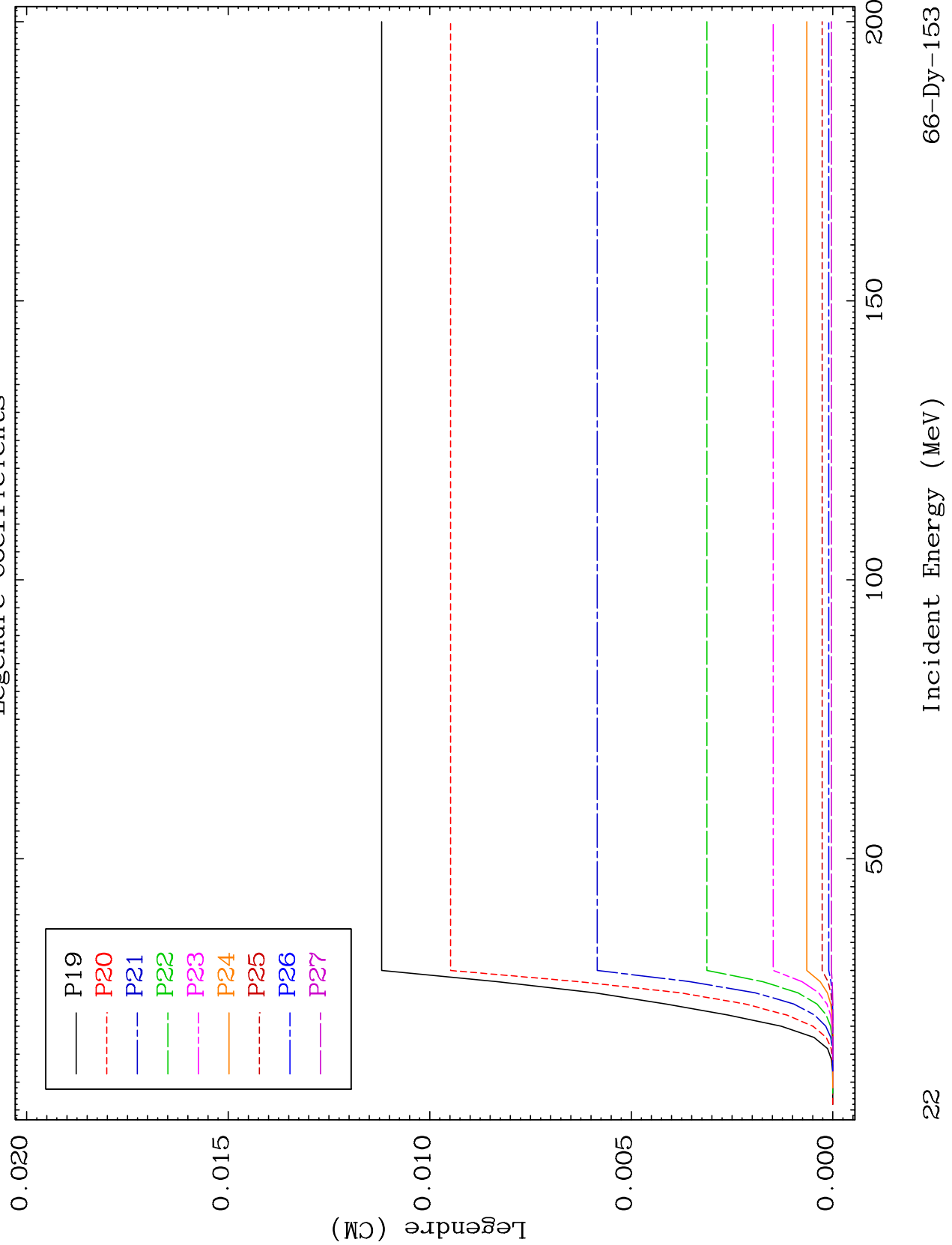
66-Dy-153



21

Incident Energy (MeV)

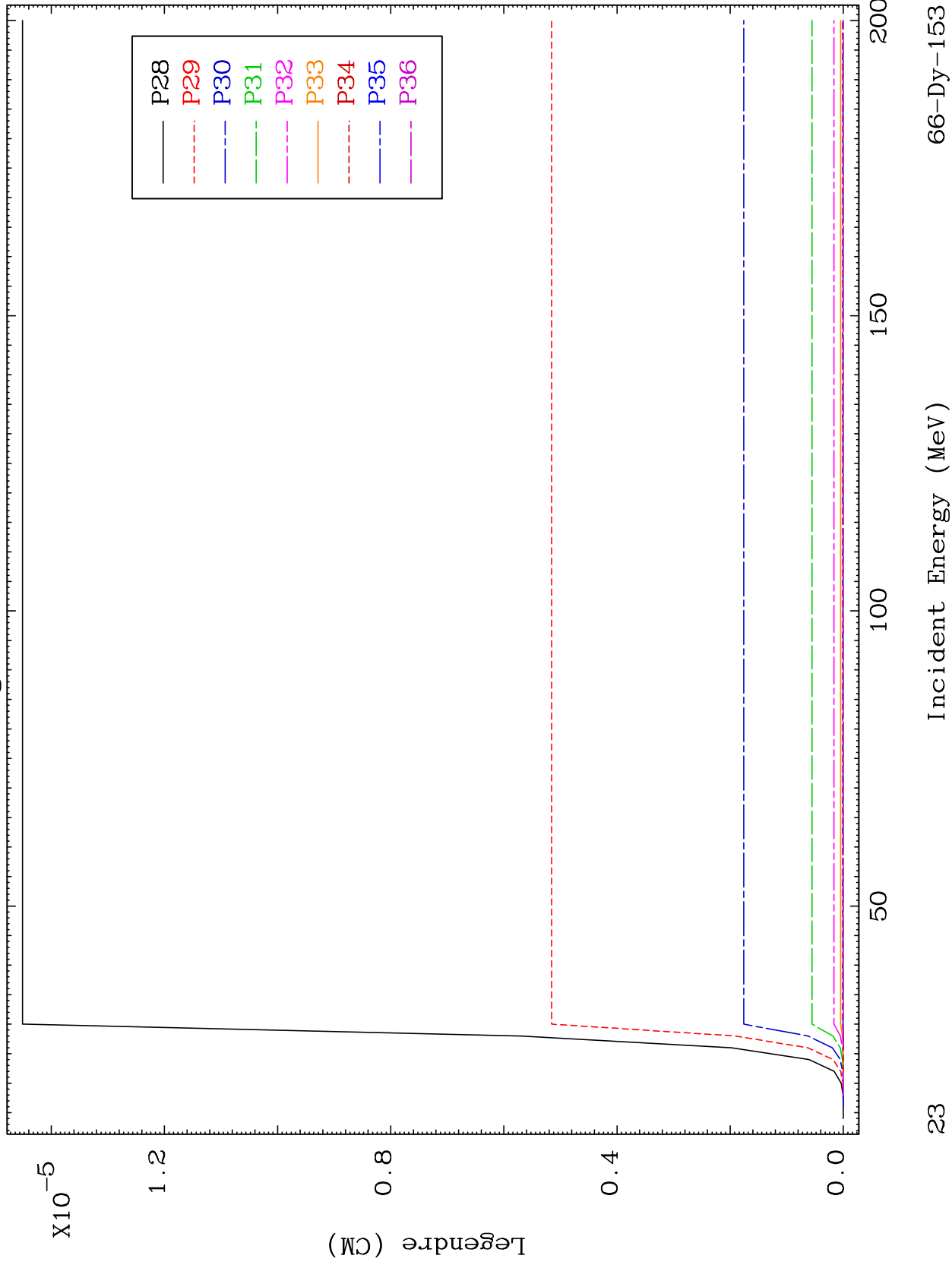
66-Dy-153



MAT 6616

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

66-Dy-153

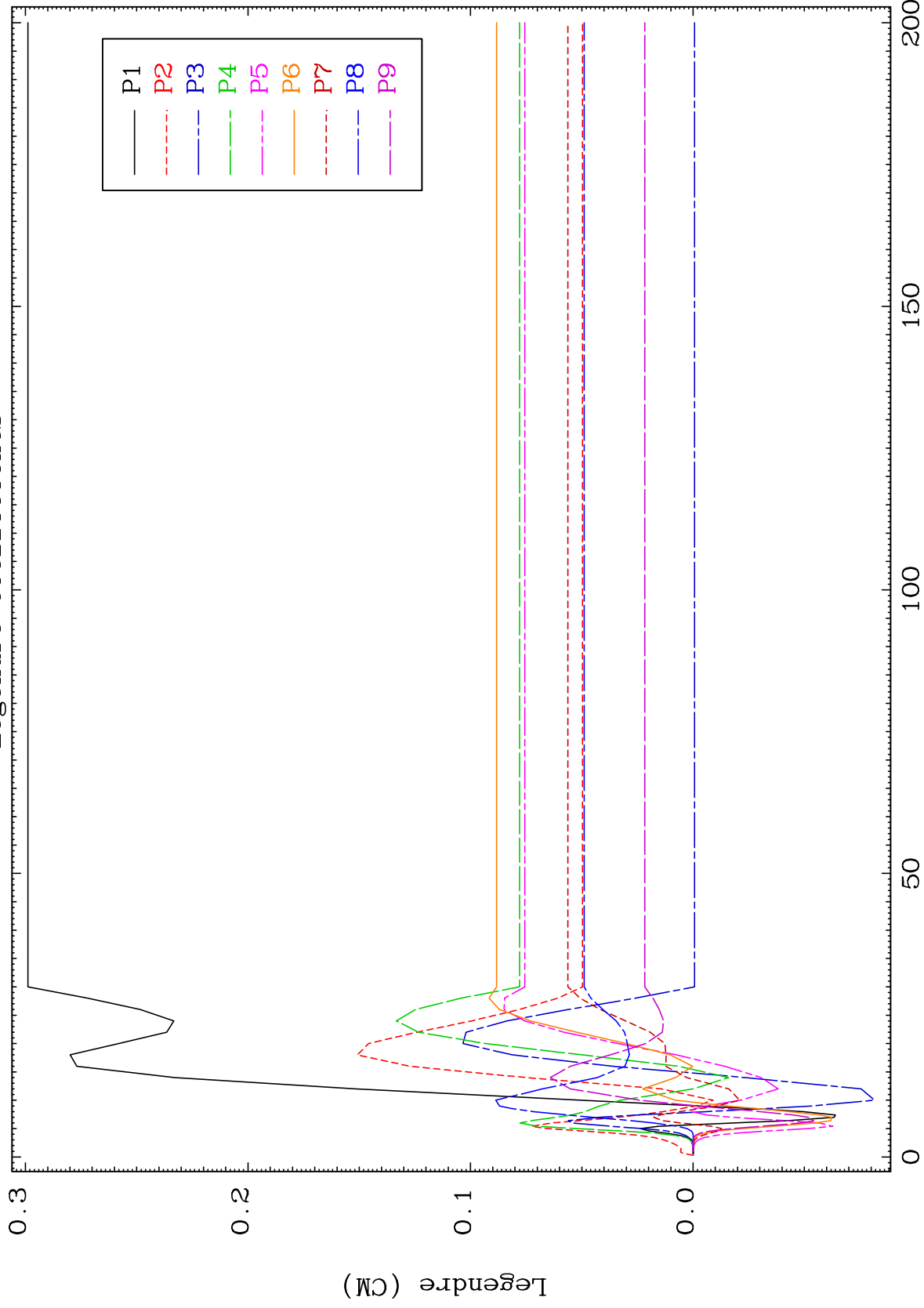




MAT 6616

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

66-Dy-153



24

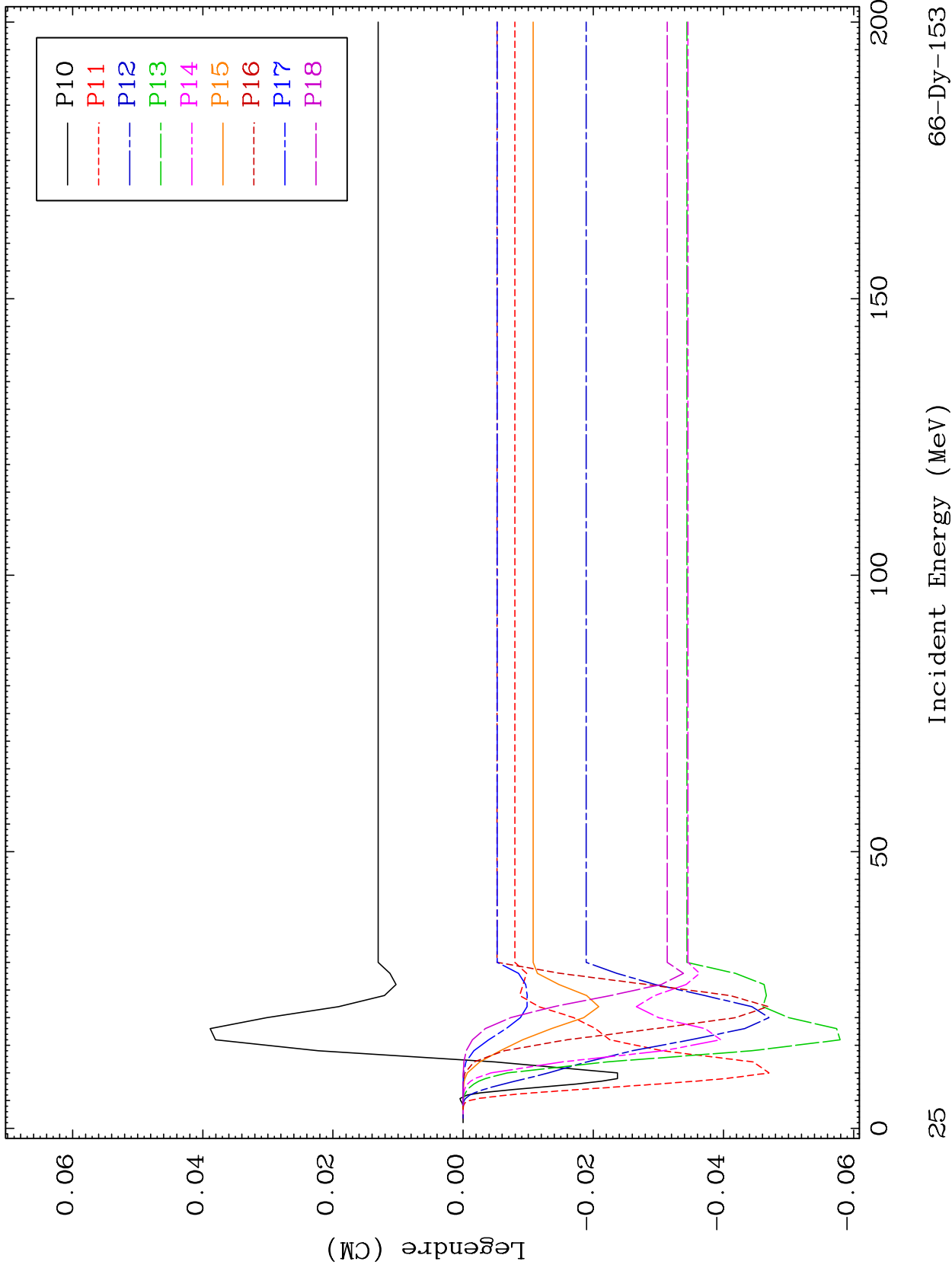
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



25

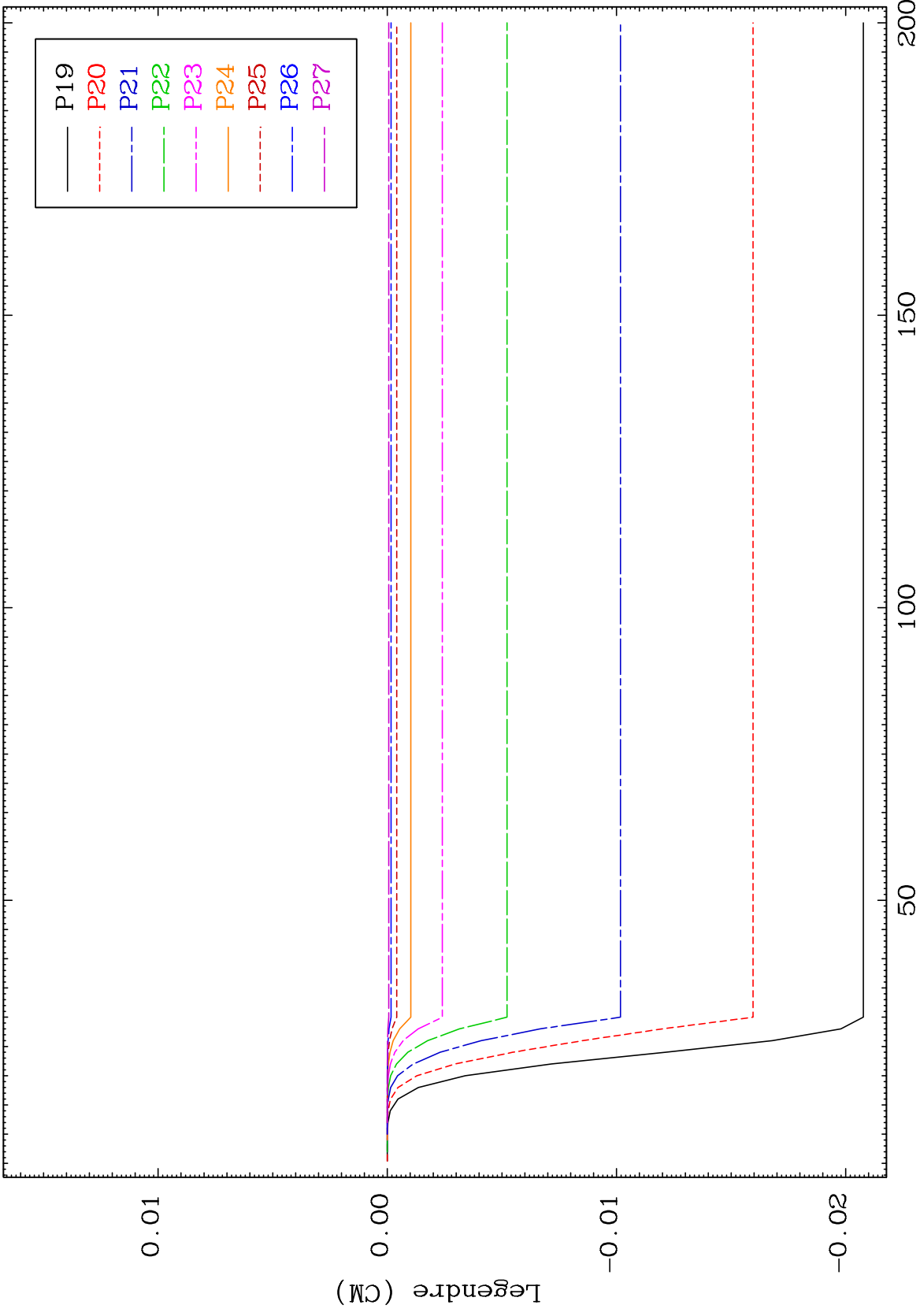
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153

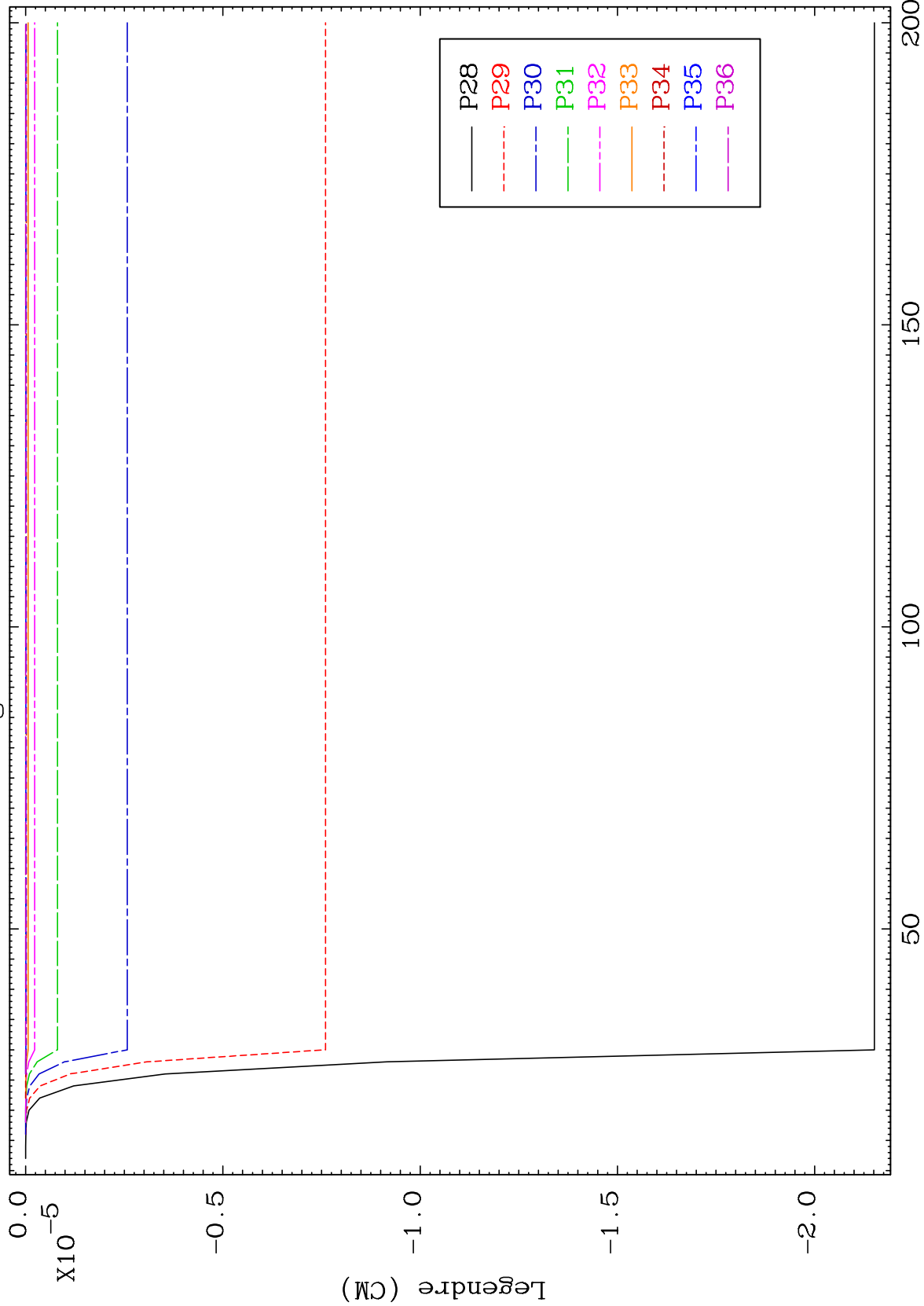


26

Incident Energy (MeV)

66-Dy-153

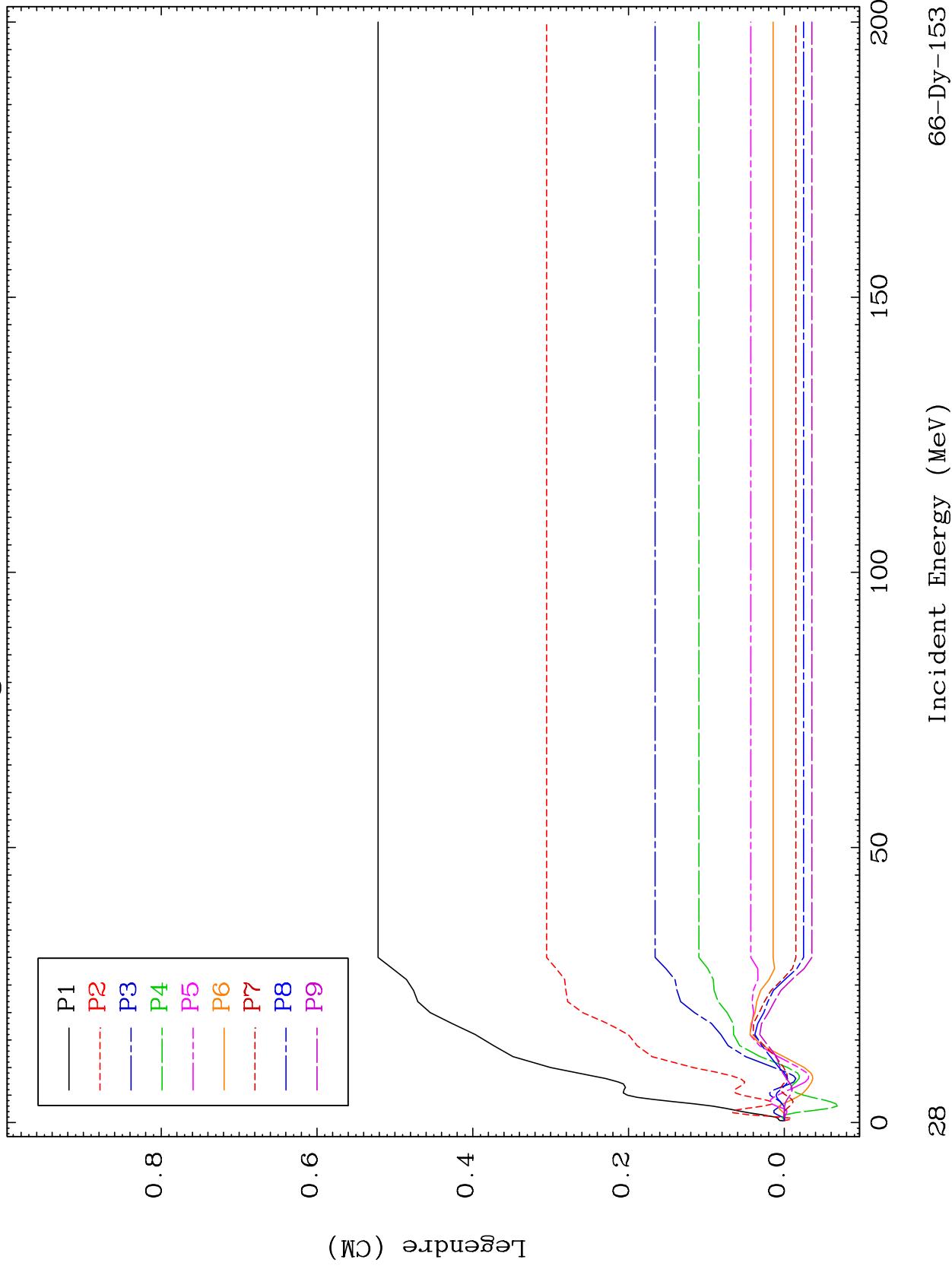
Legendre Coefficients



MAT 6616

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

66-Dy-153



66-Dy-153

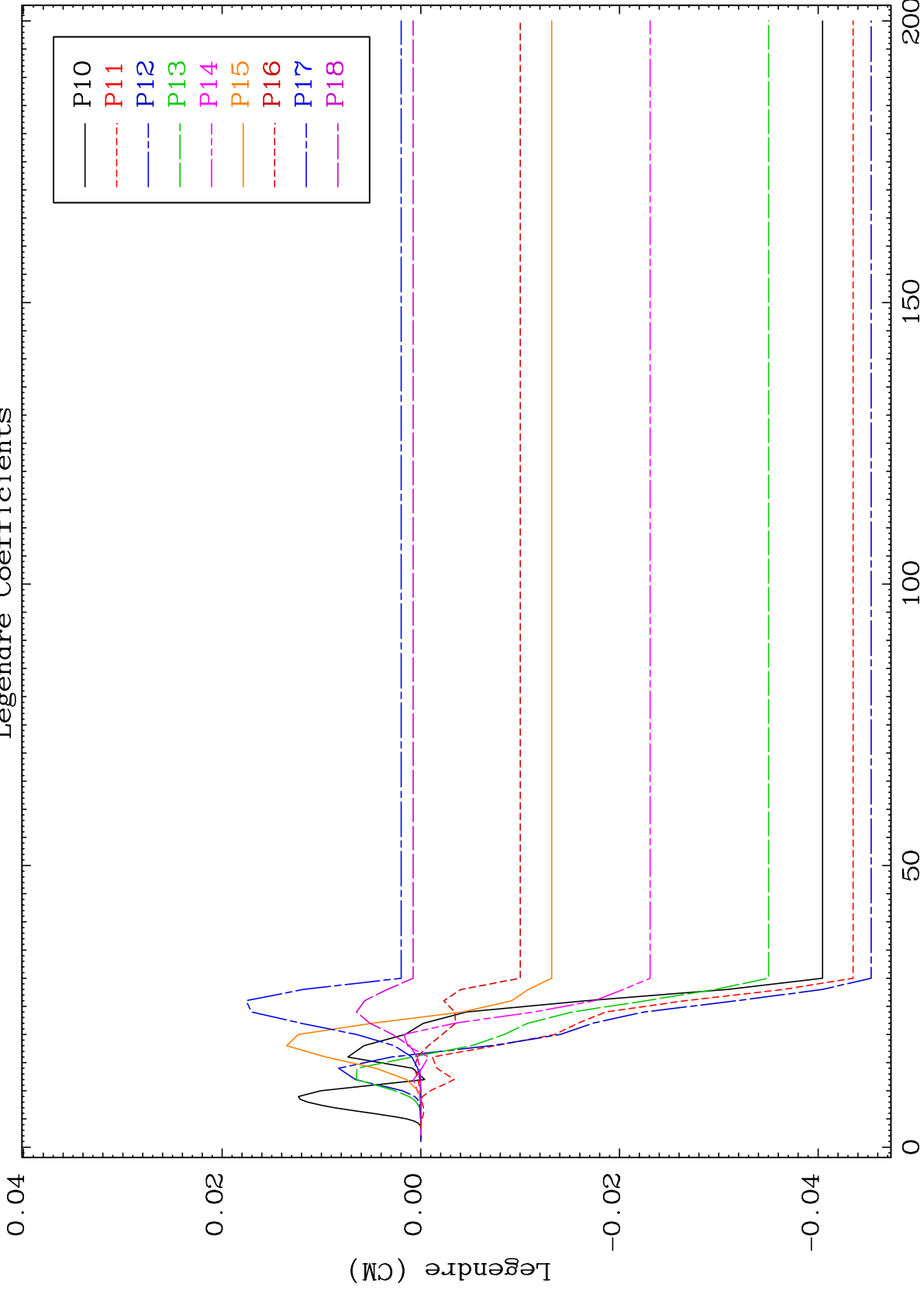
Incident Energy (MeV)

28

MAT 6616

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

66-Dy-153



29

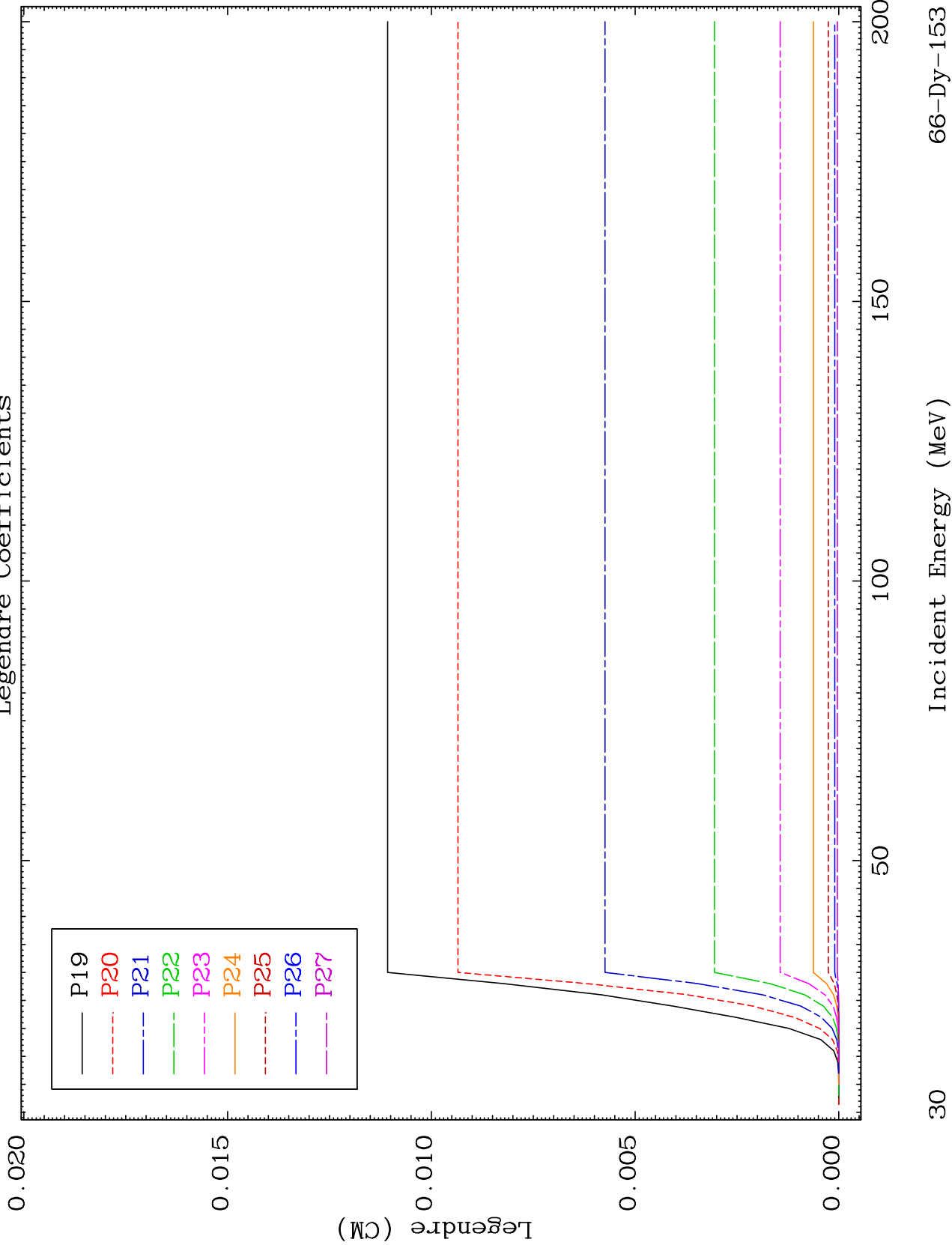
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



30

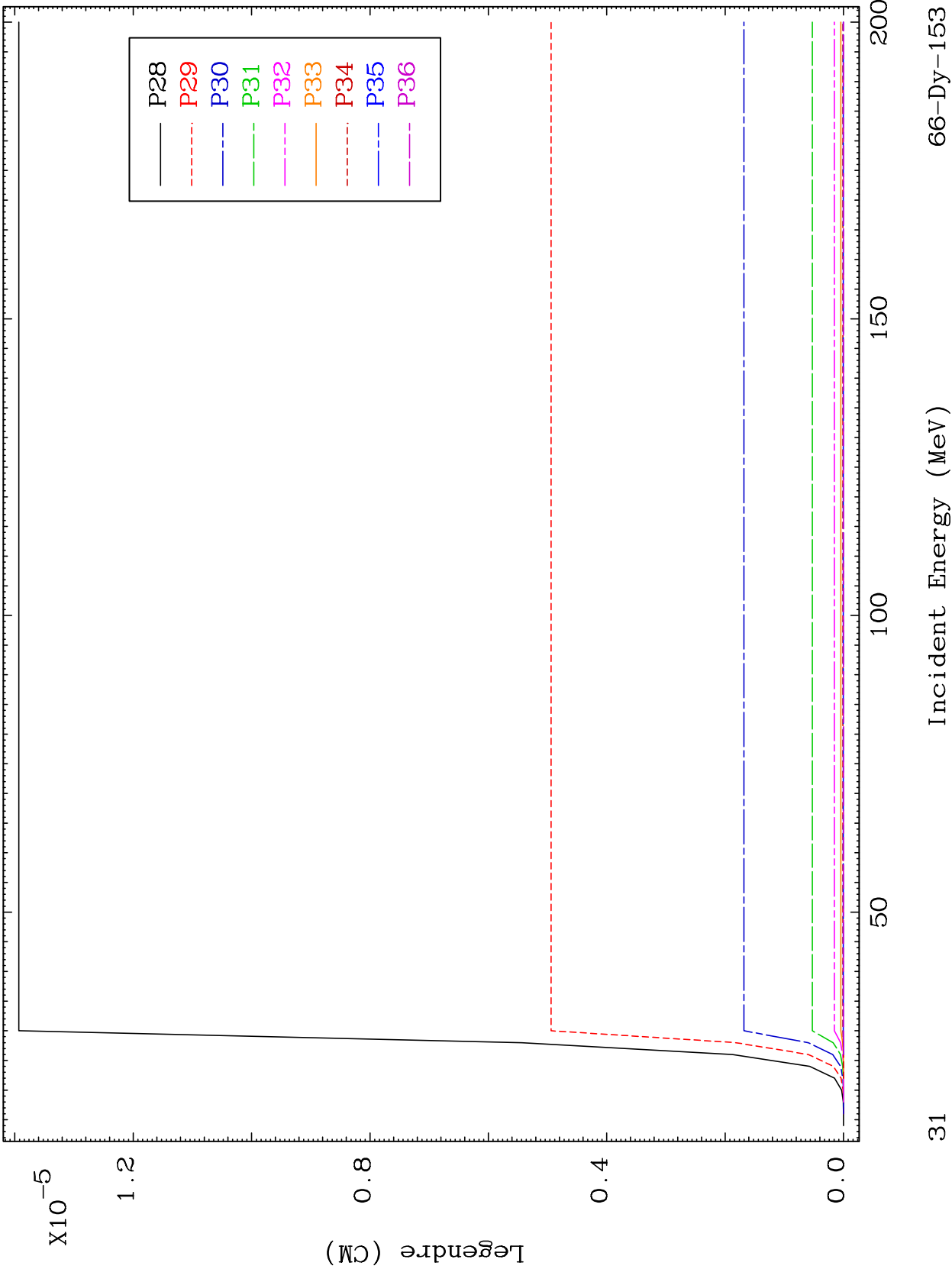
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153

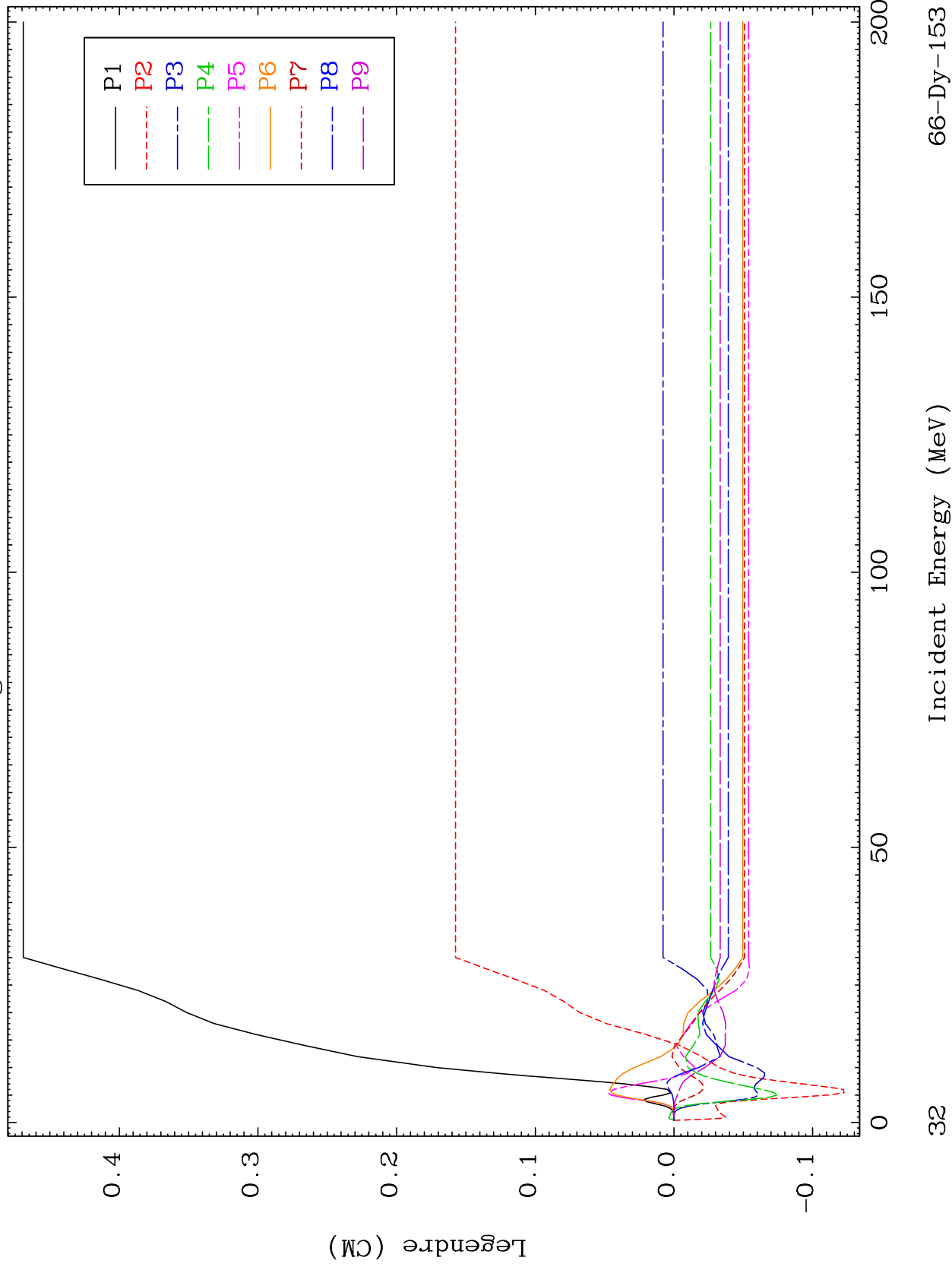




MAT 6616

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

66-Dy-153



66-Dy-153

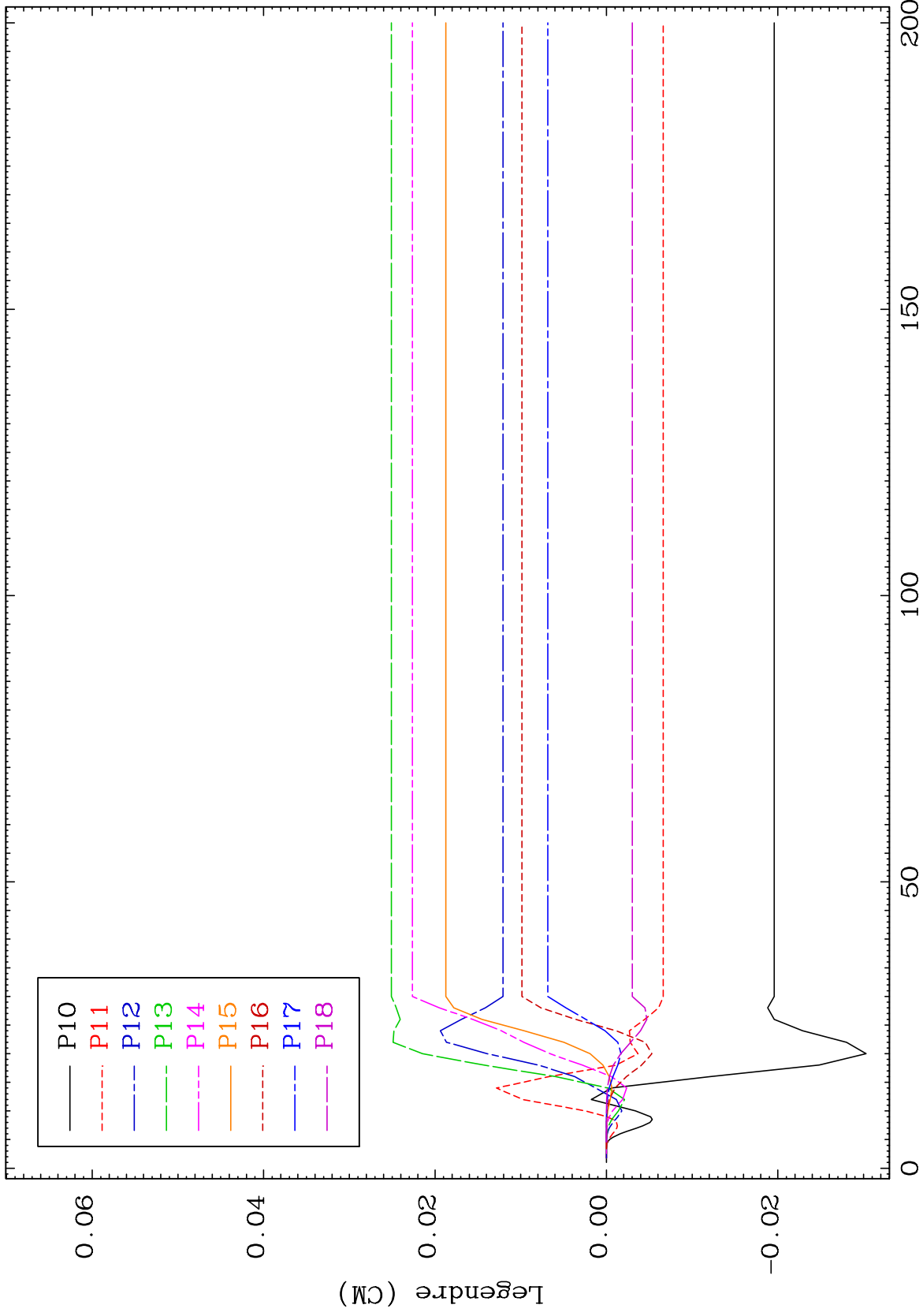
Incident Energy (MeV)

32

MAT 6616

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

66-Dy-153



33

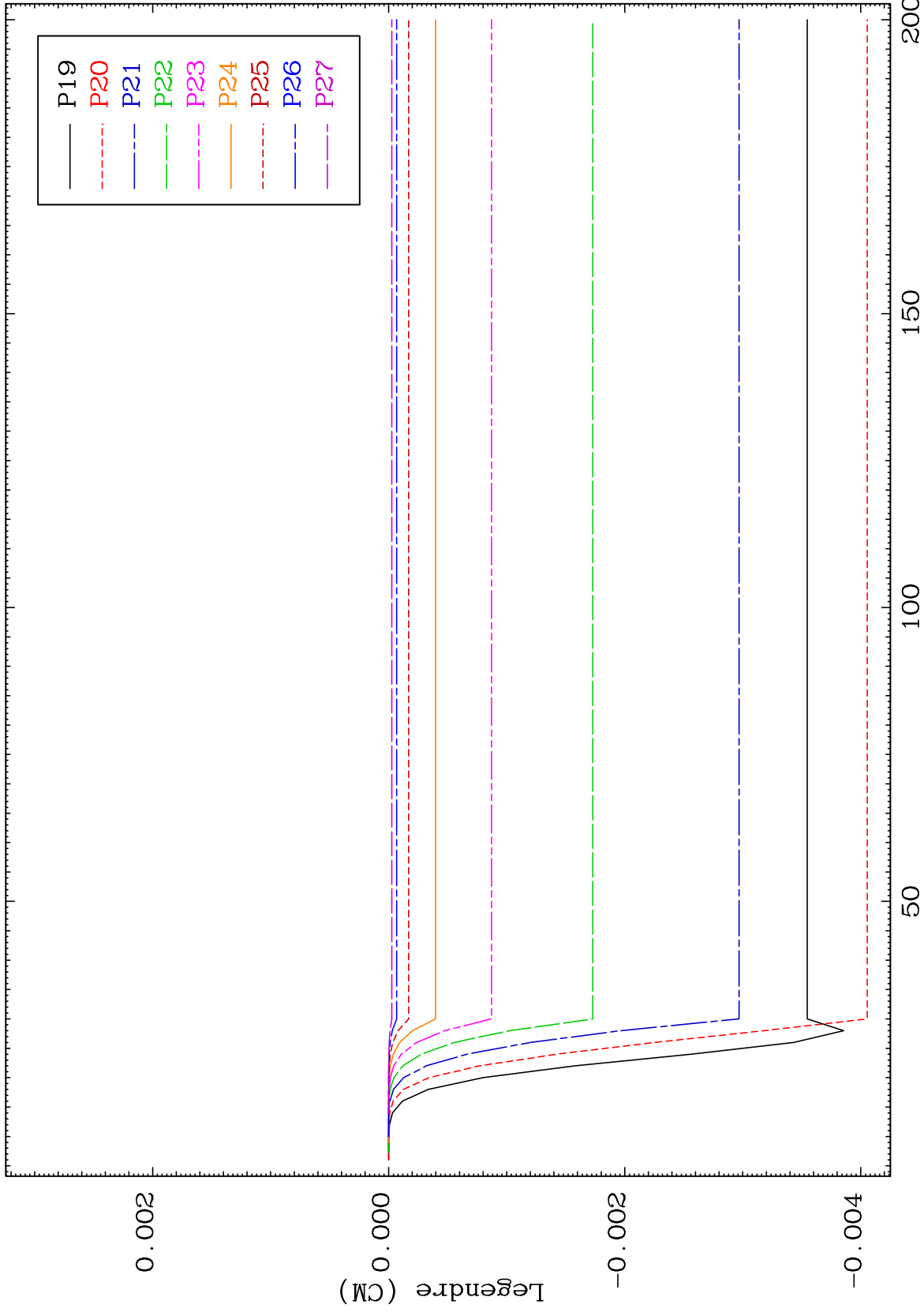
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



34

Incident Energy (MeV)

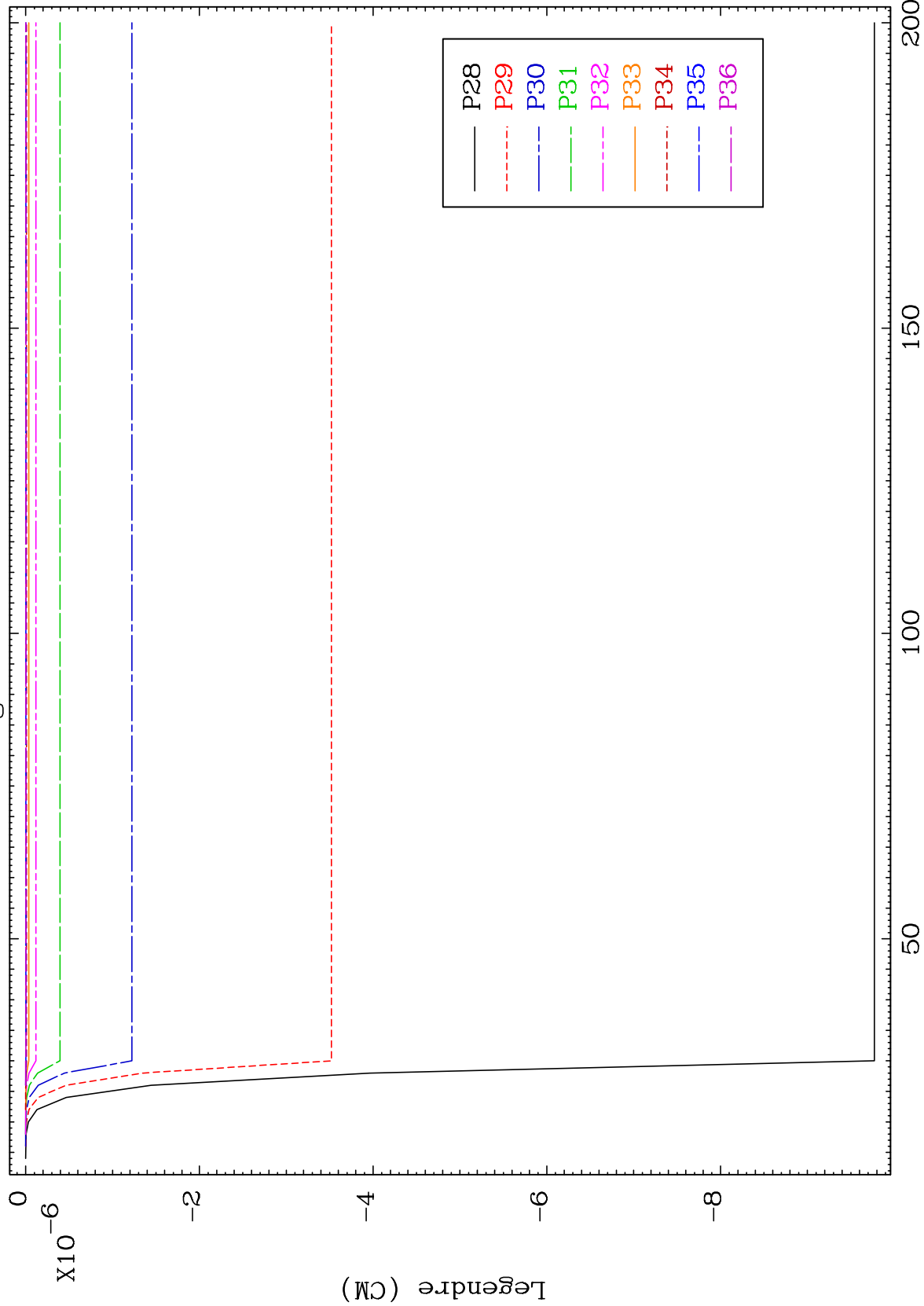
66-Dy-153

MAT 6616

MT= 54 (n,n') Level

66-Dy-153

Legendre Coefficients



35

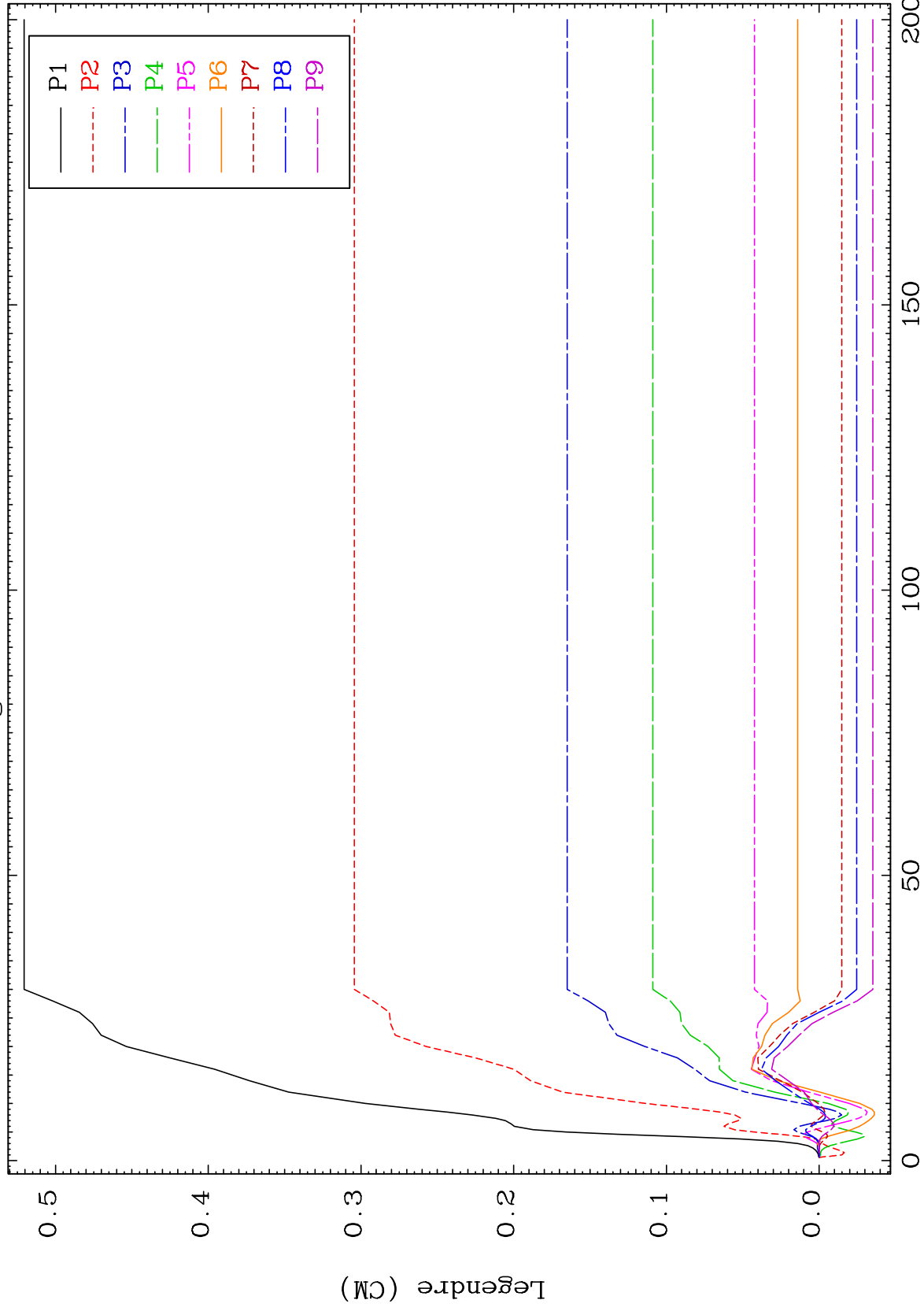
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

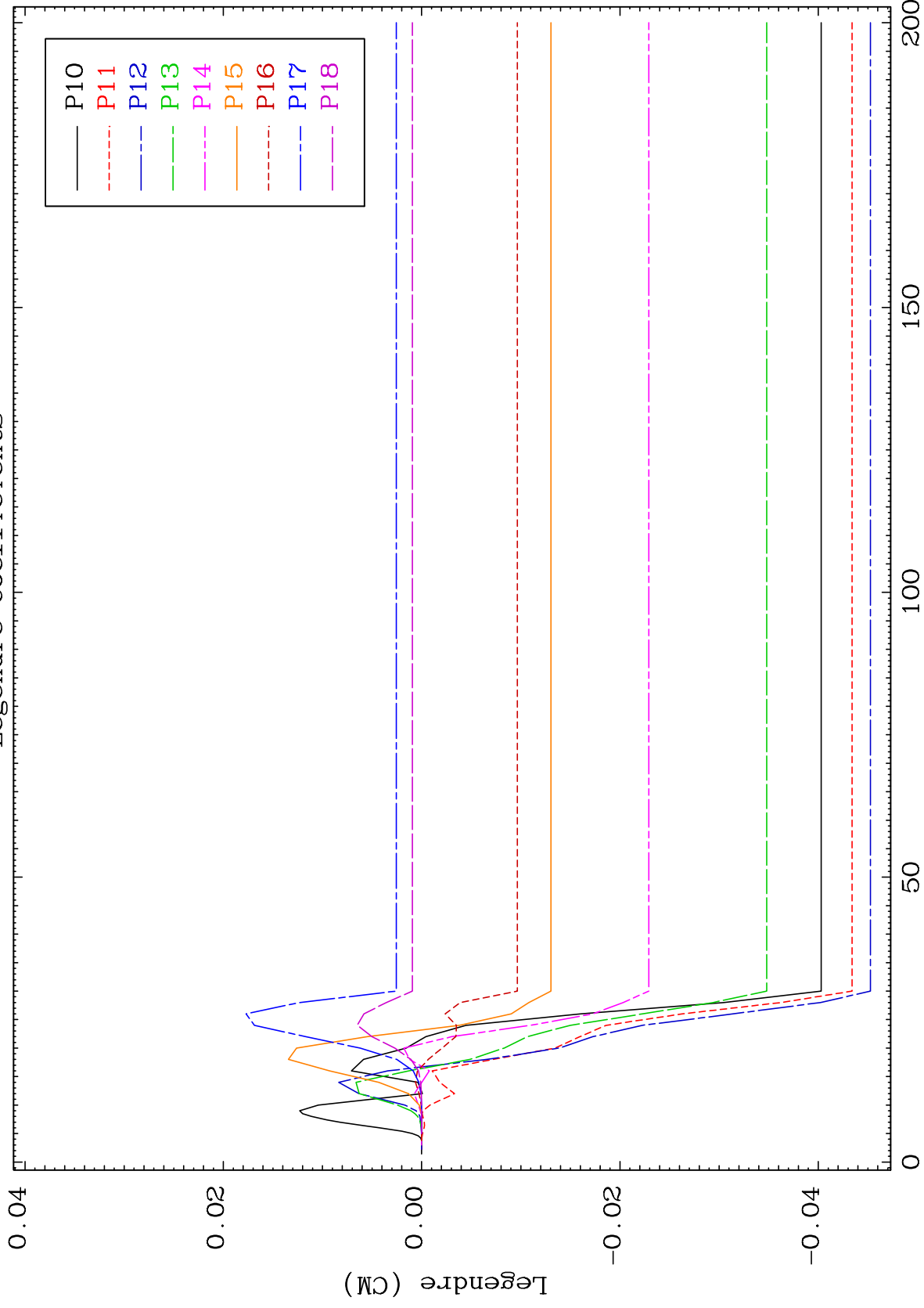
Incident Energy (MeV)

36

MAT 6616

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

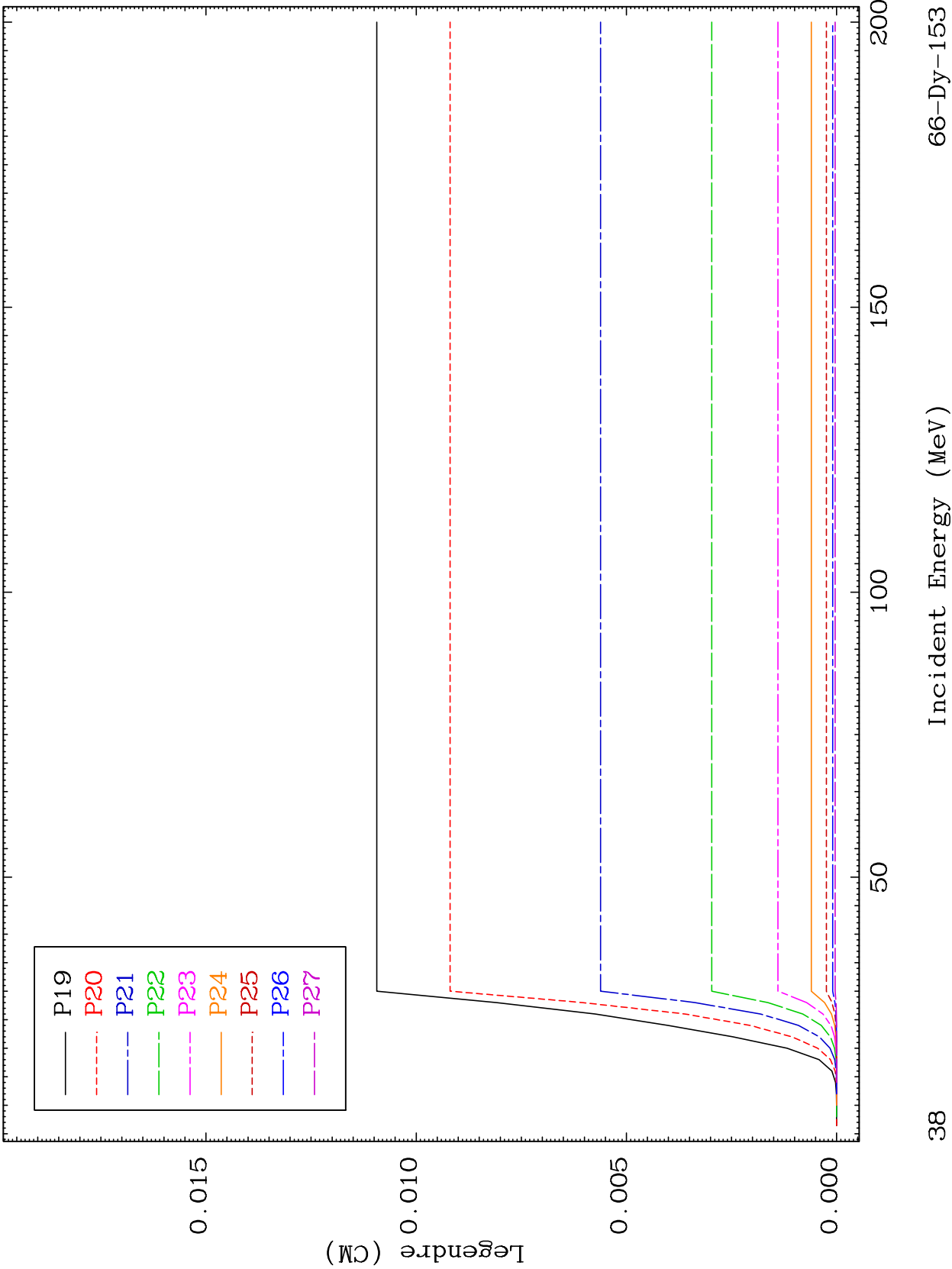
66-Dy-153



37

Incident Energy (MeV)

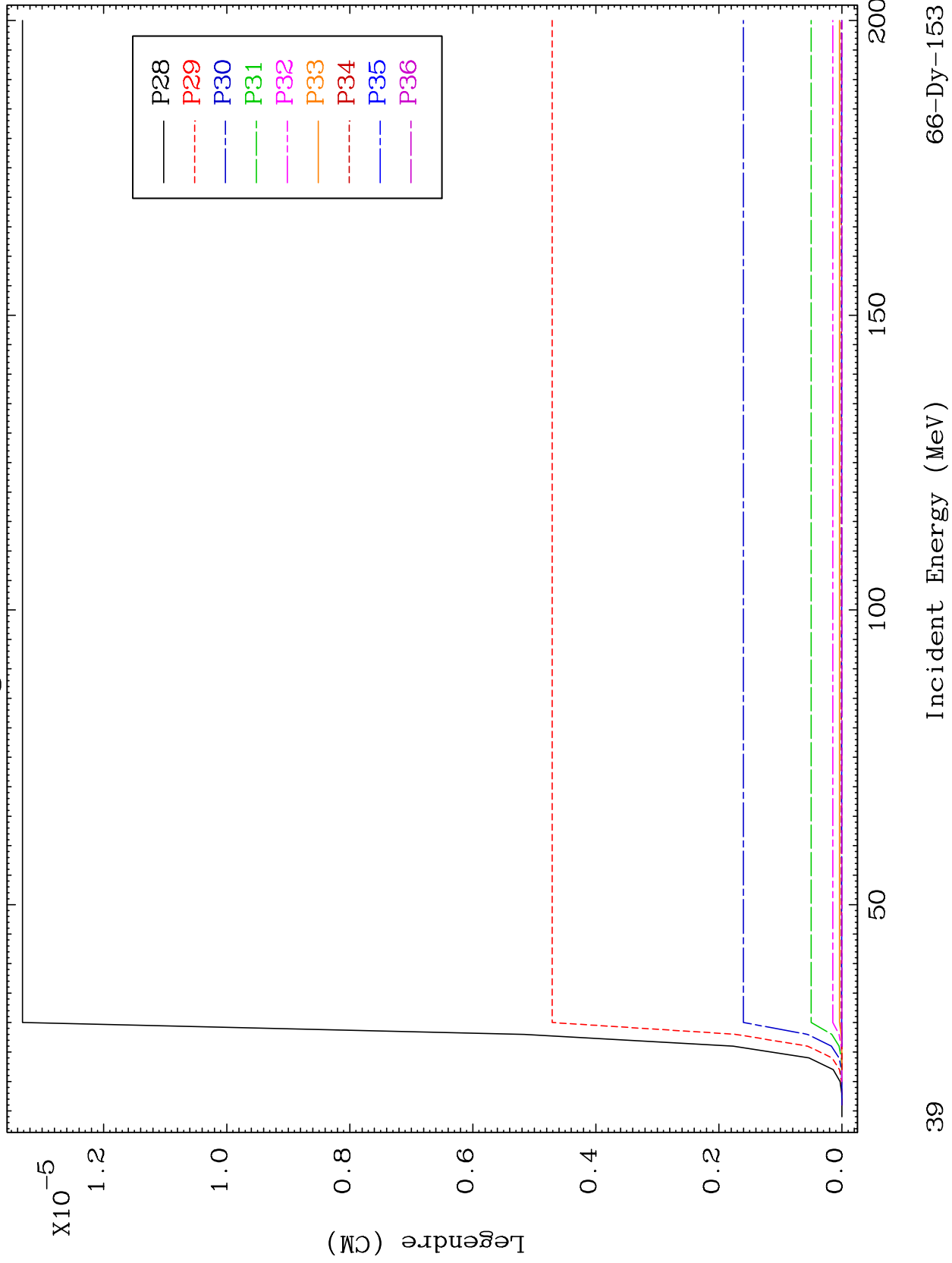
66-Dy-153



MAT 6616

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

66-Dy-153



39

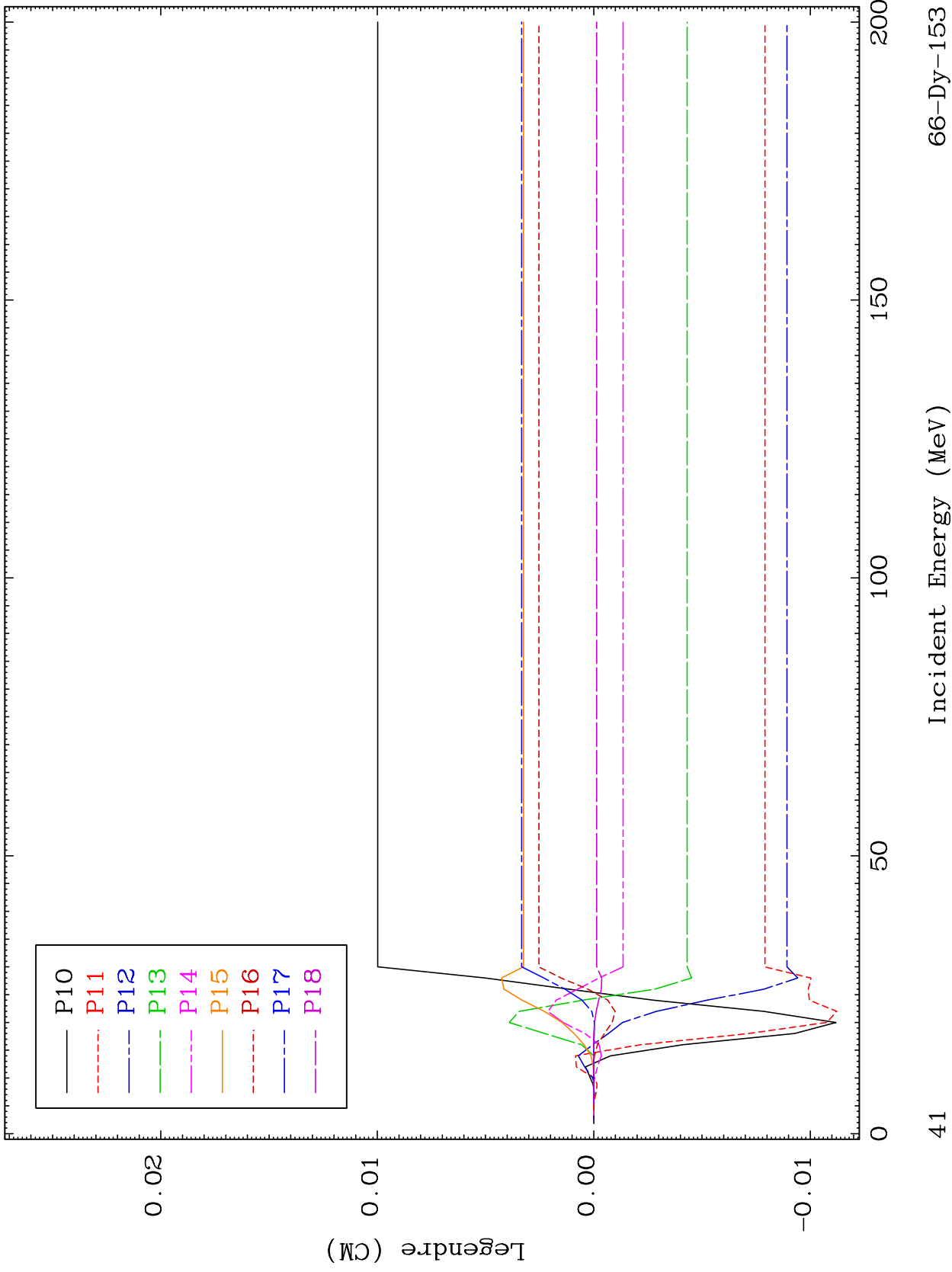




MAT 6616

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

66-Dy-153



41

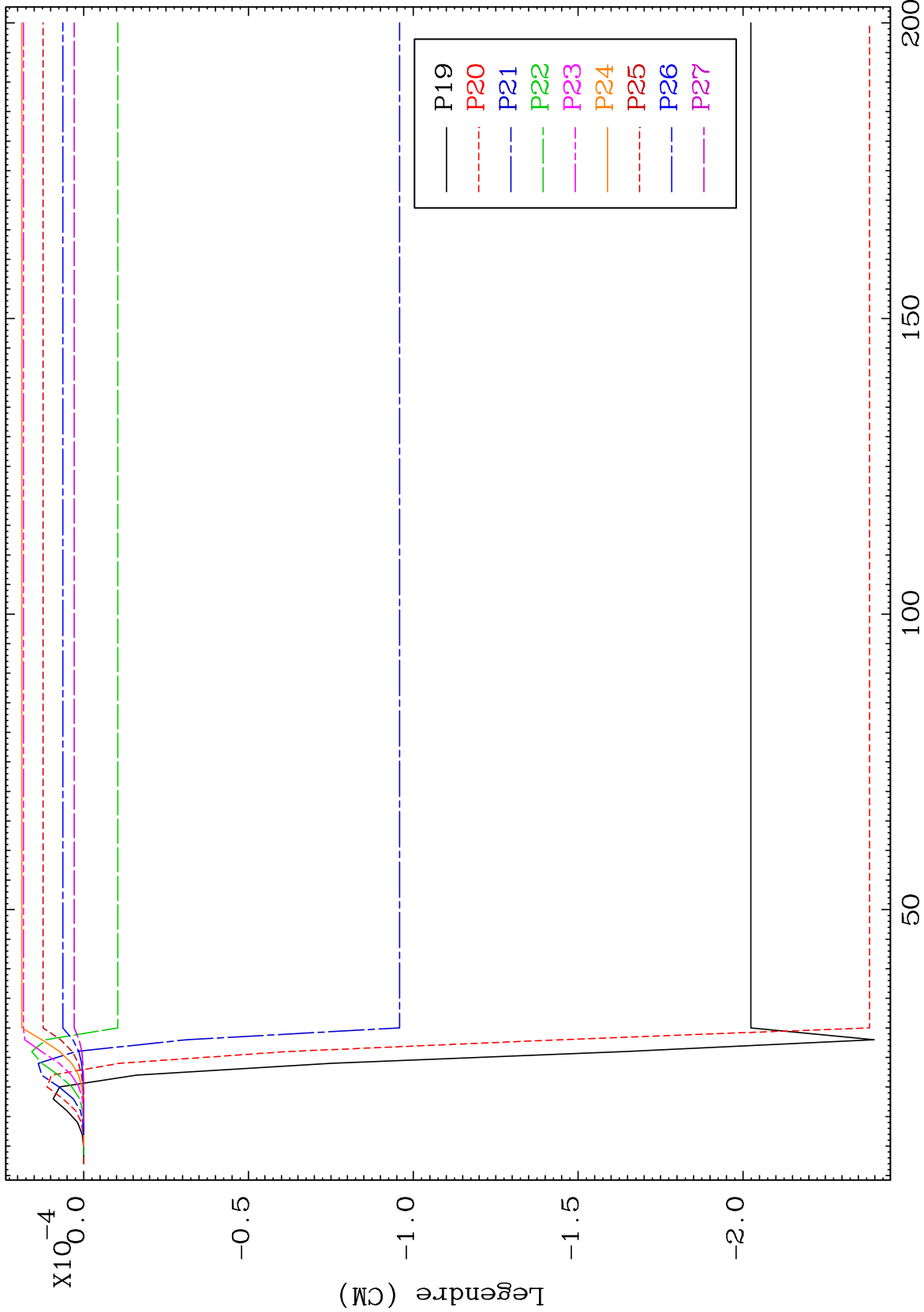
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



42

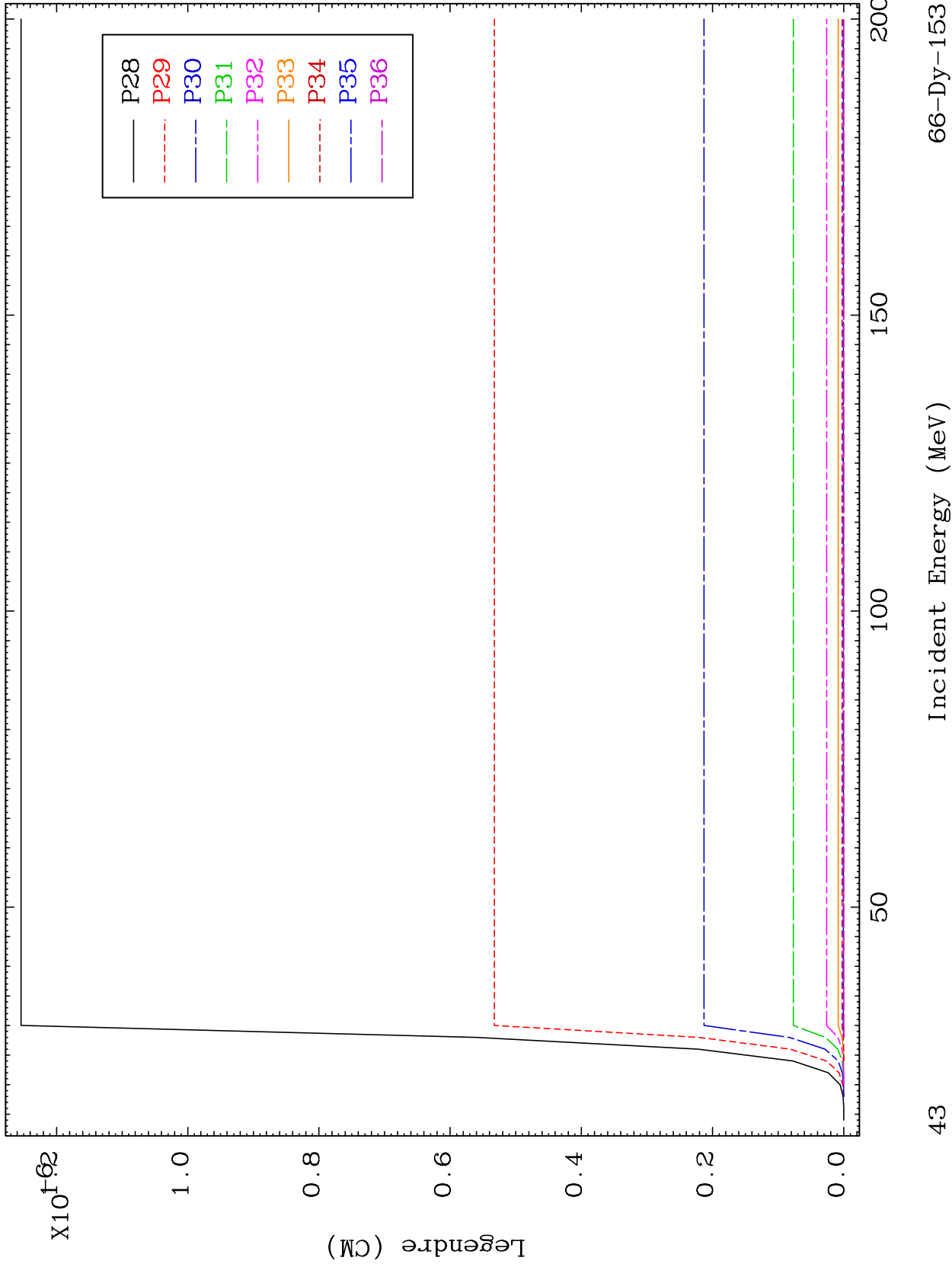
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



43

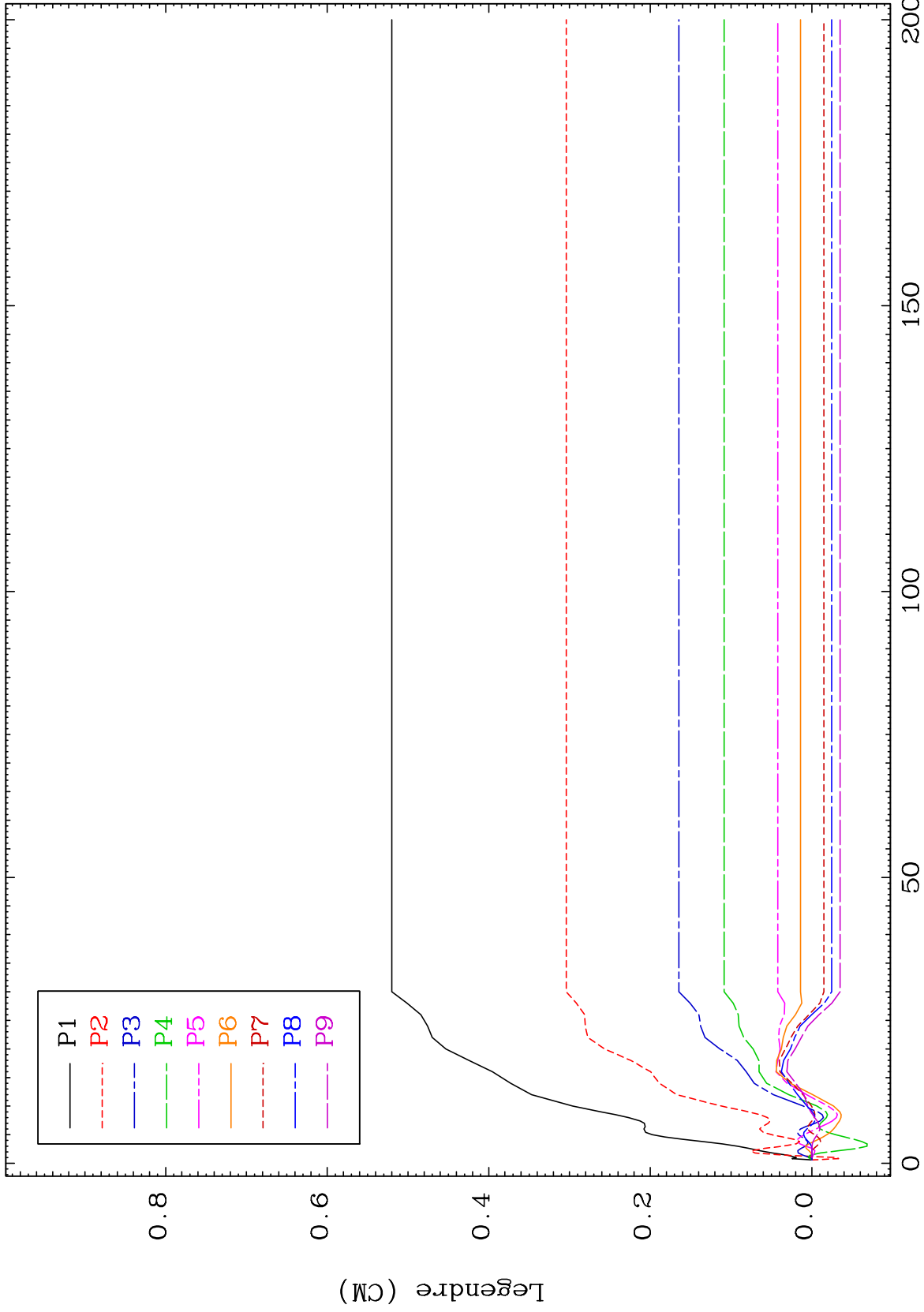
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



44

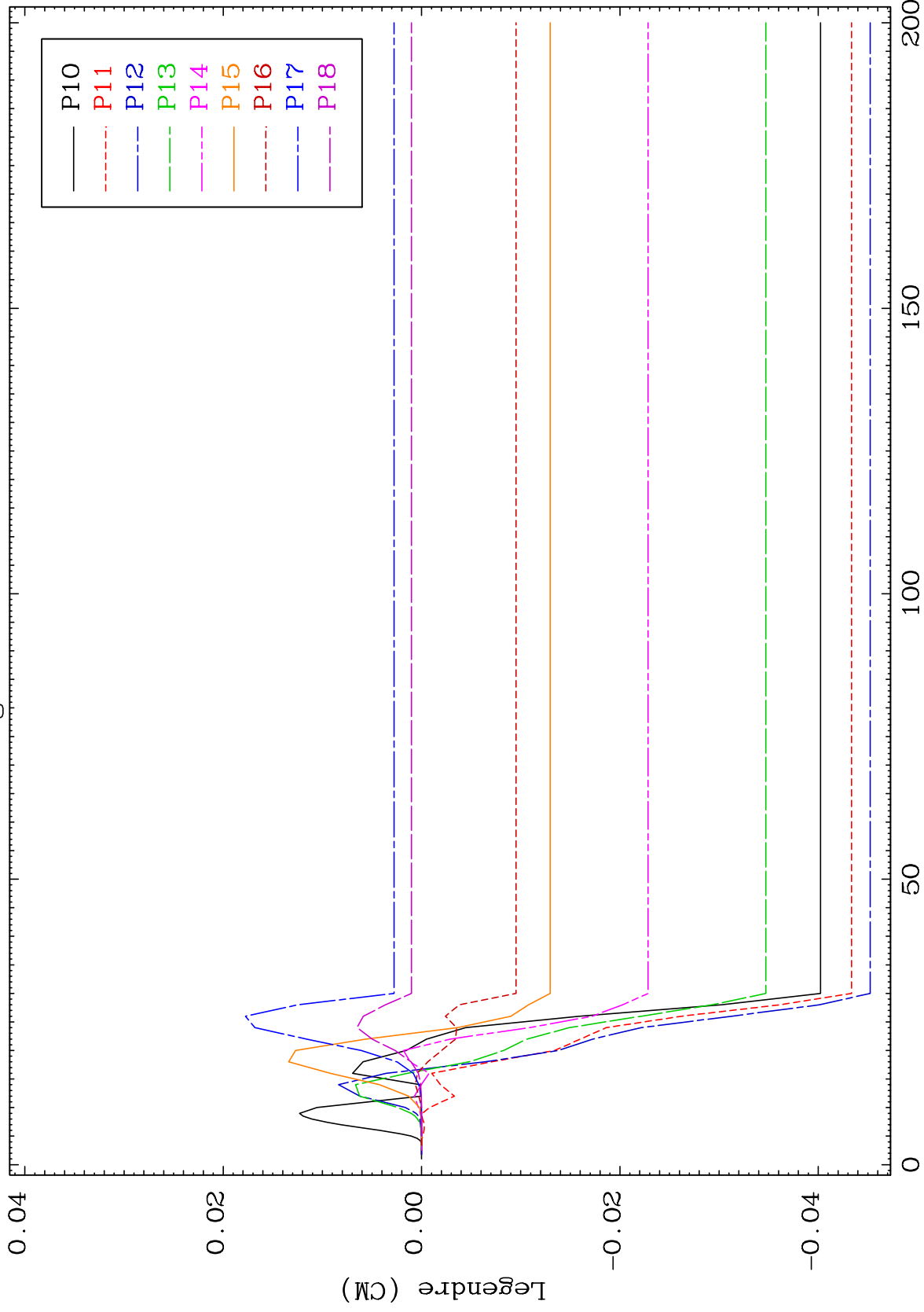
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



45

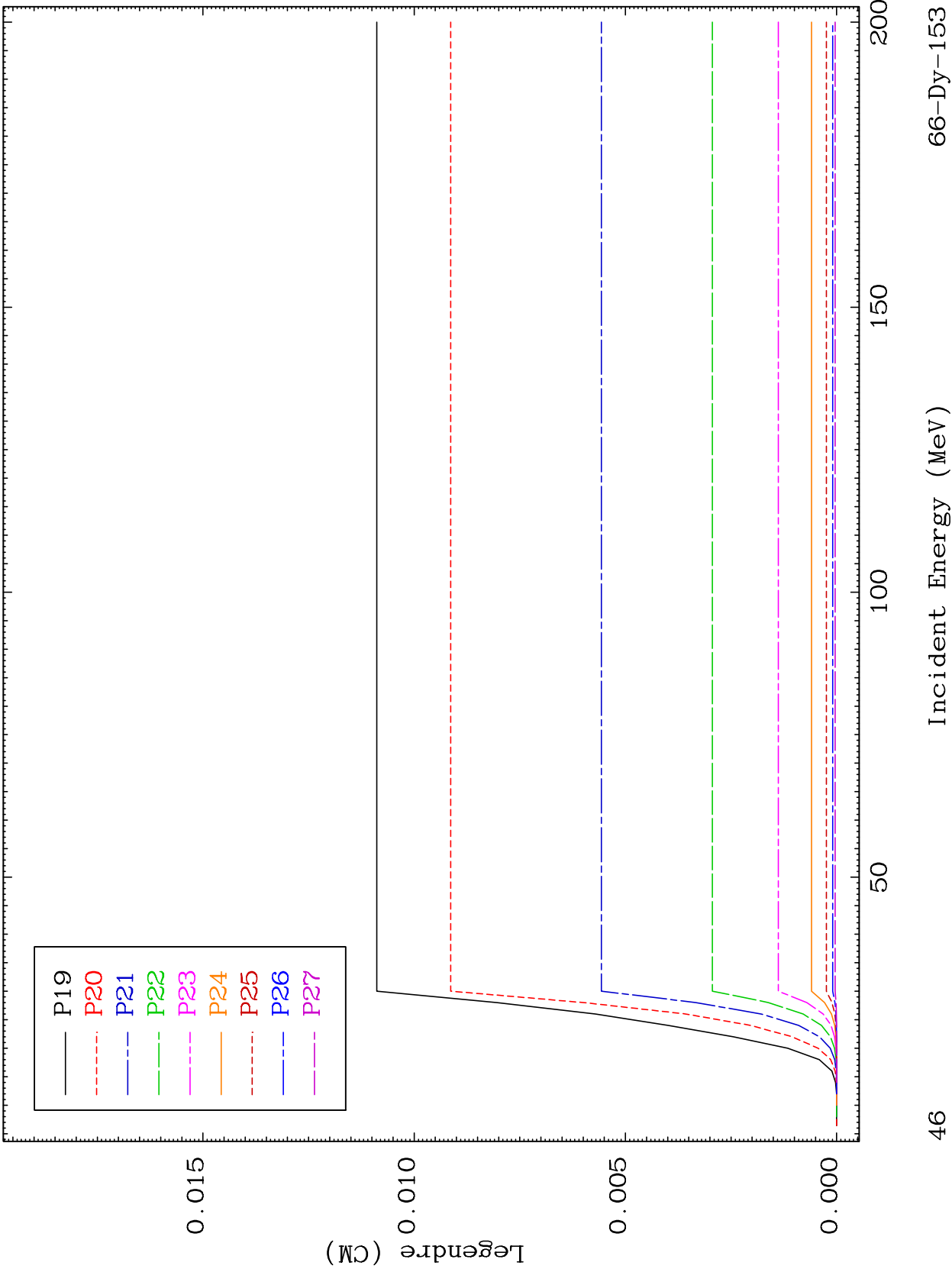
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



46

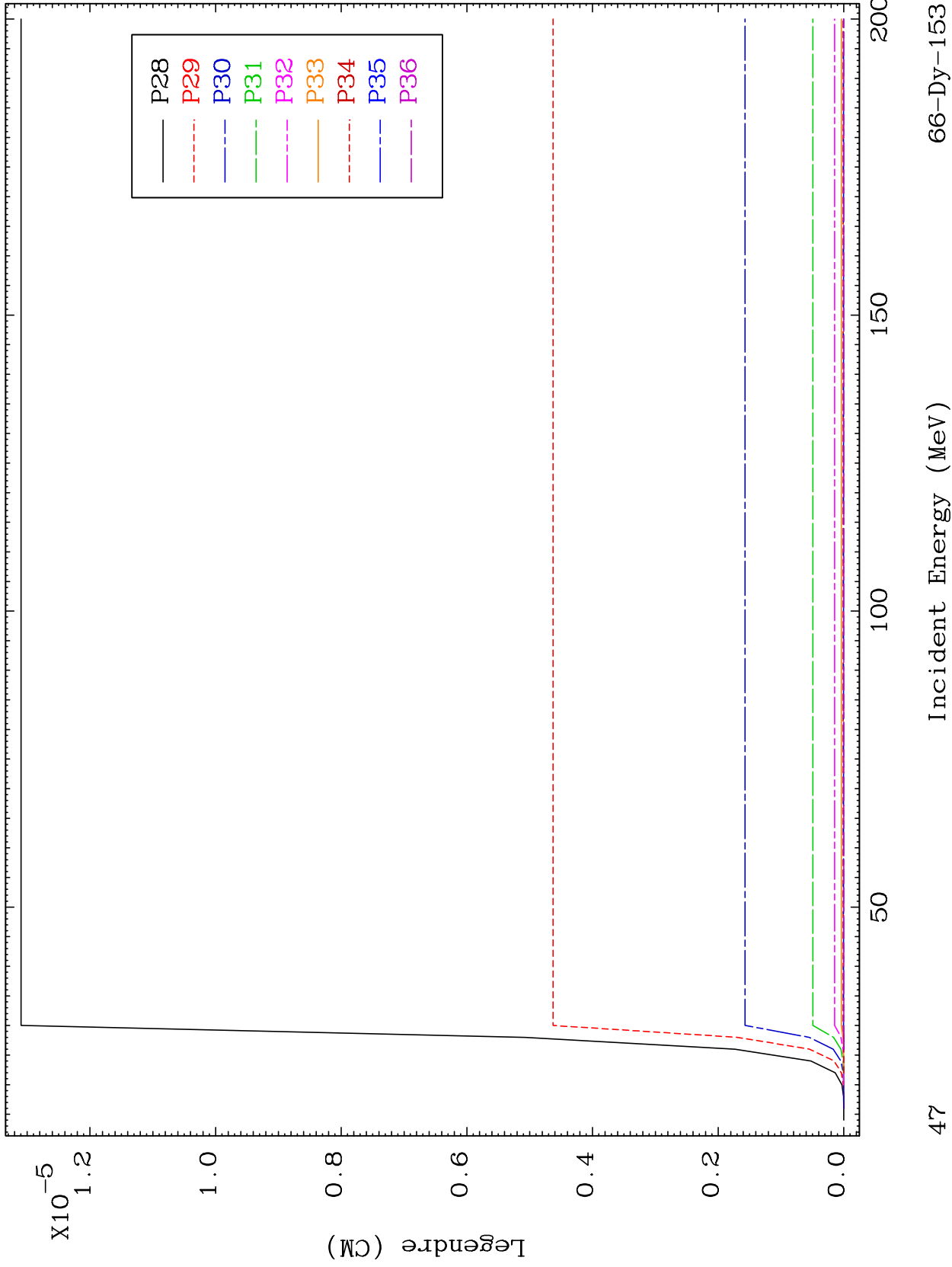
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153

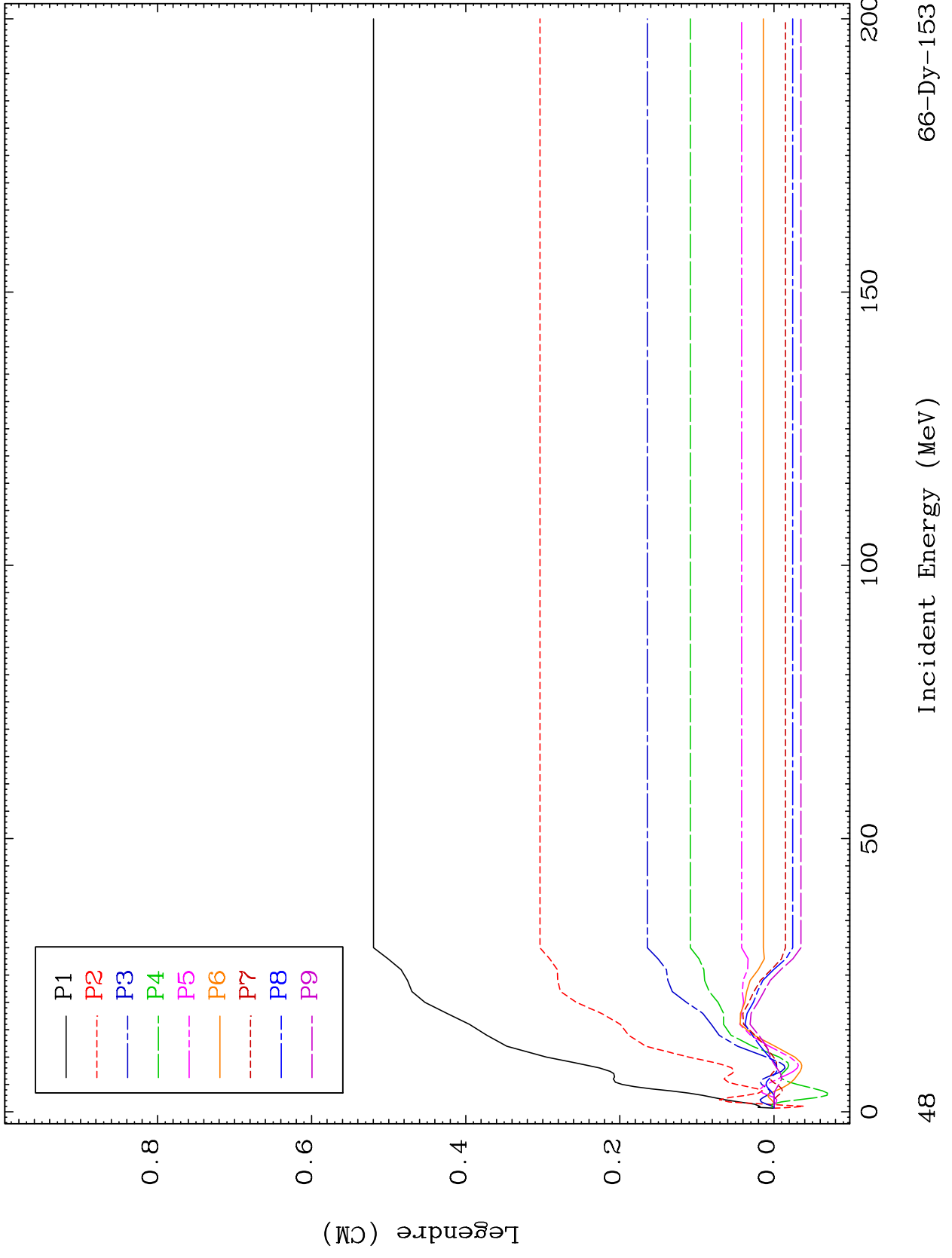




MAT 6616

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

66-Dy-153



66-Dy-153

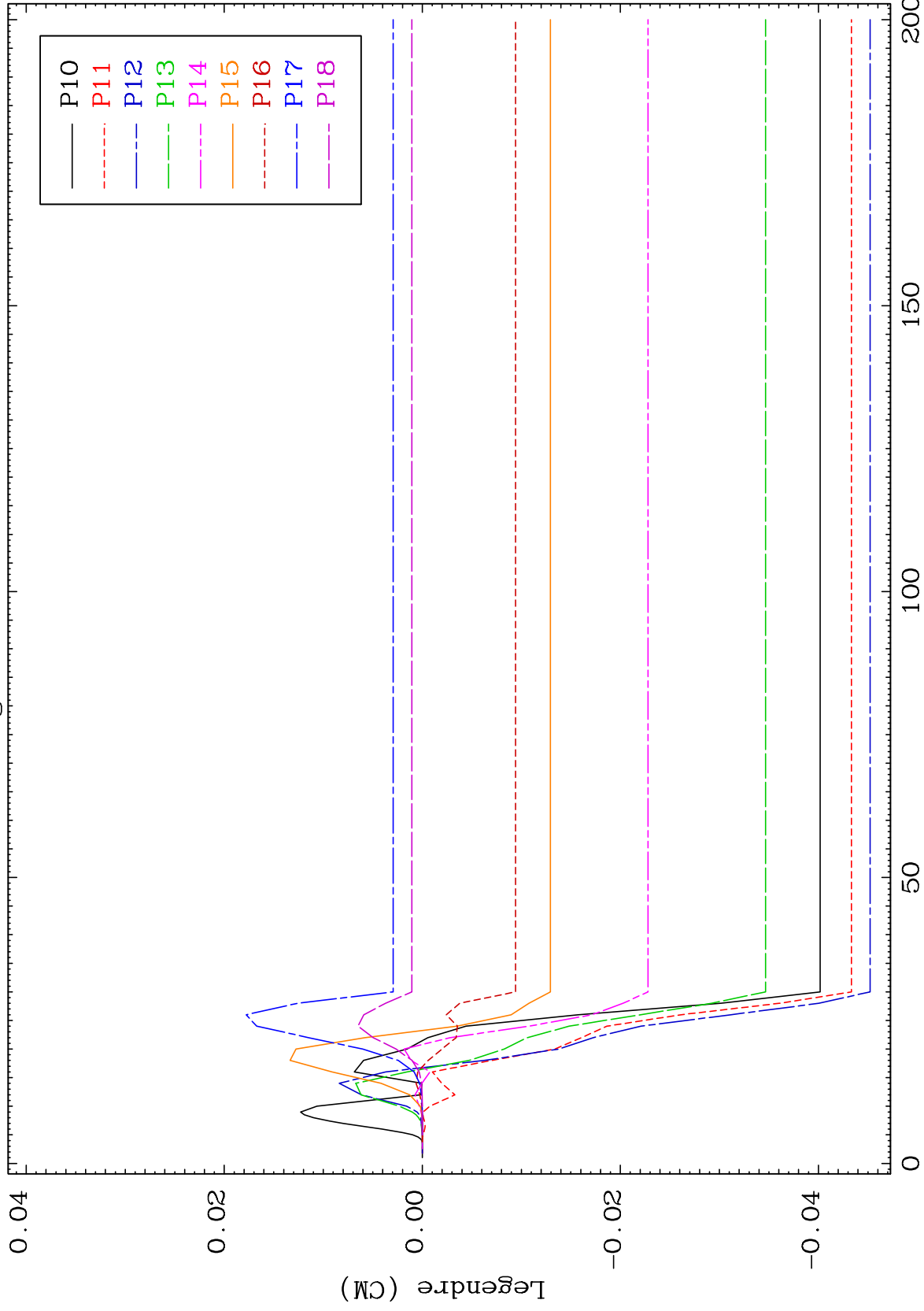
Incident Energy (MeV)

48

MAT 6616

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

66-Dy-153



49

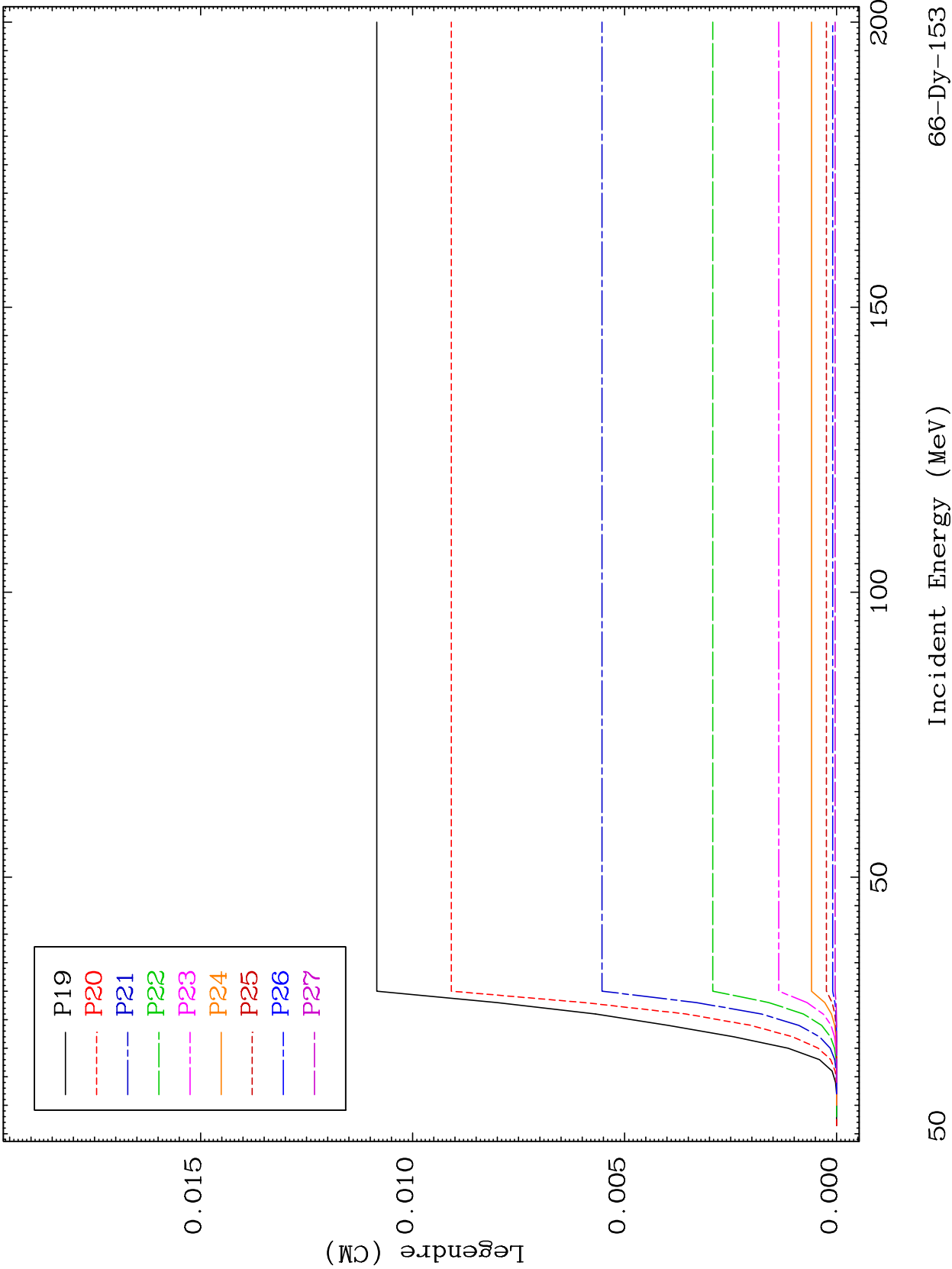
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

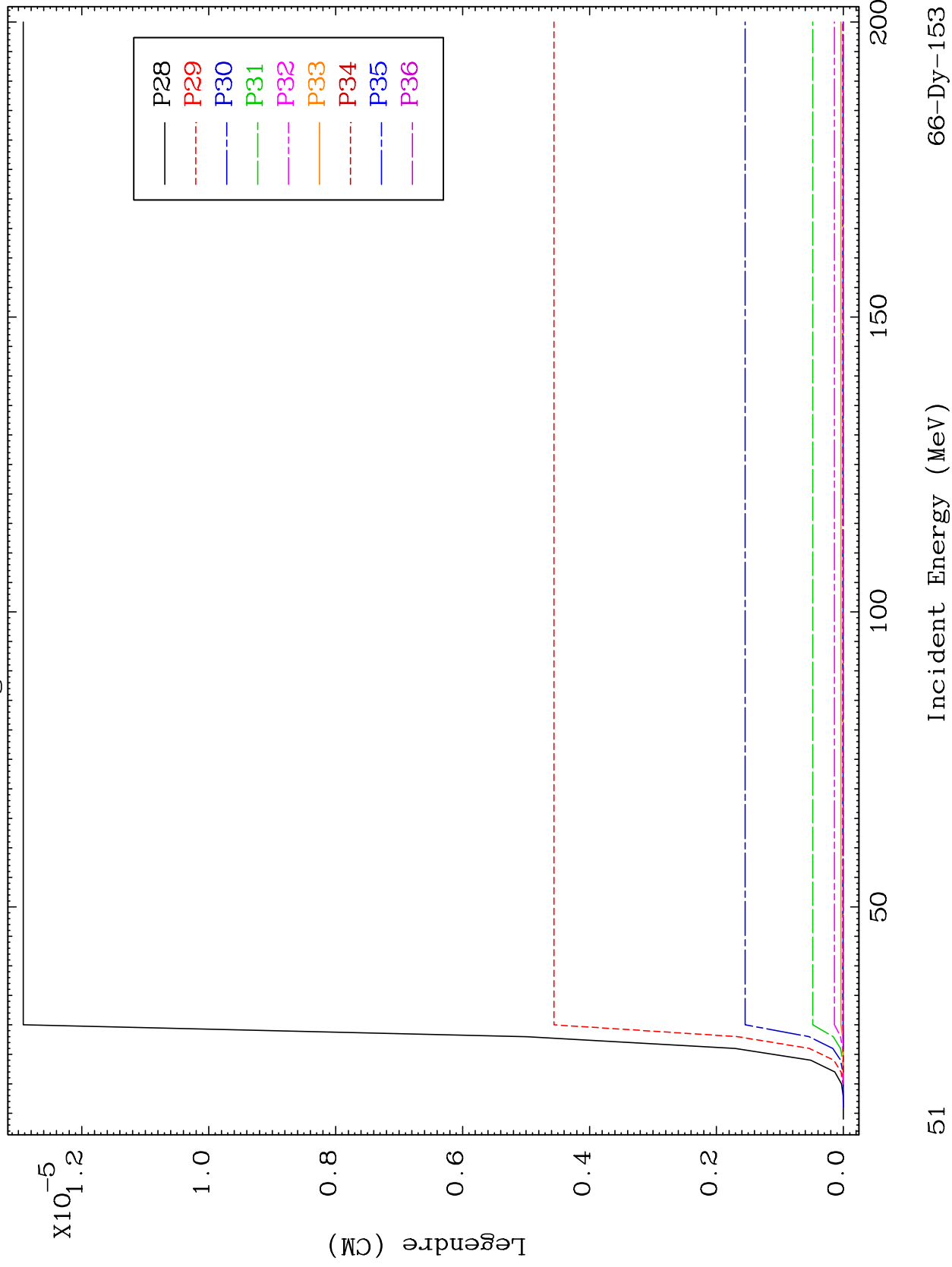
Incident Energy (MeV)

50

MAT 6616

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

66-Dy-153



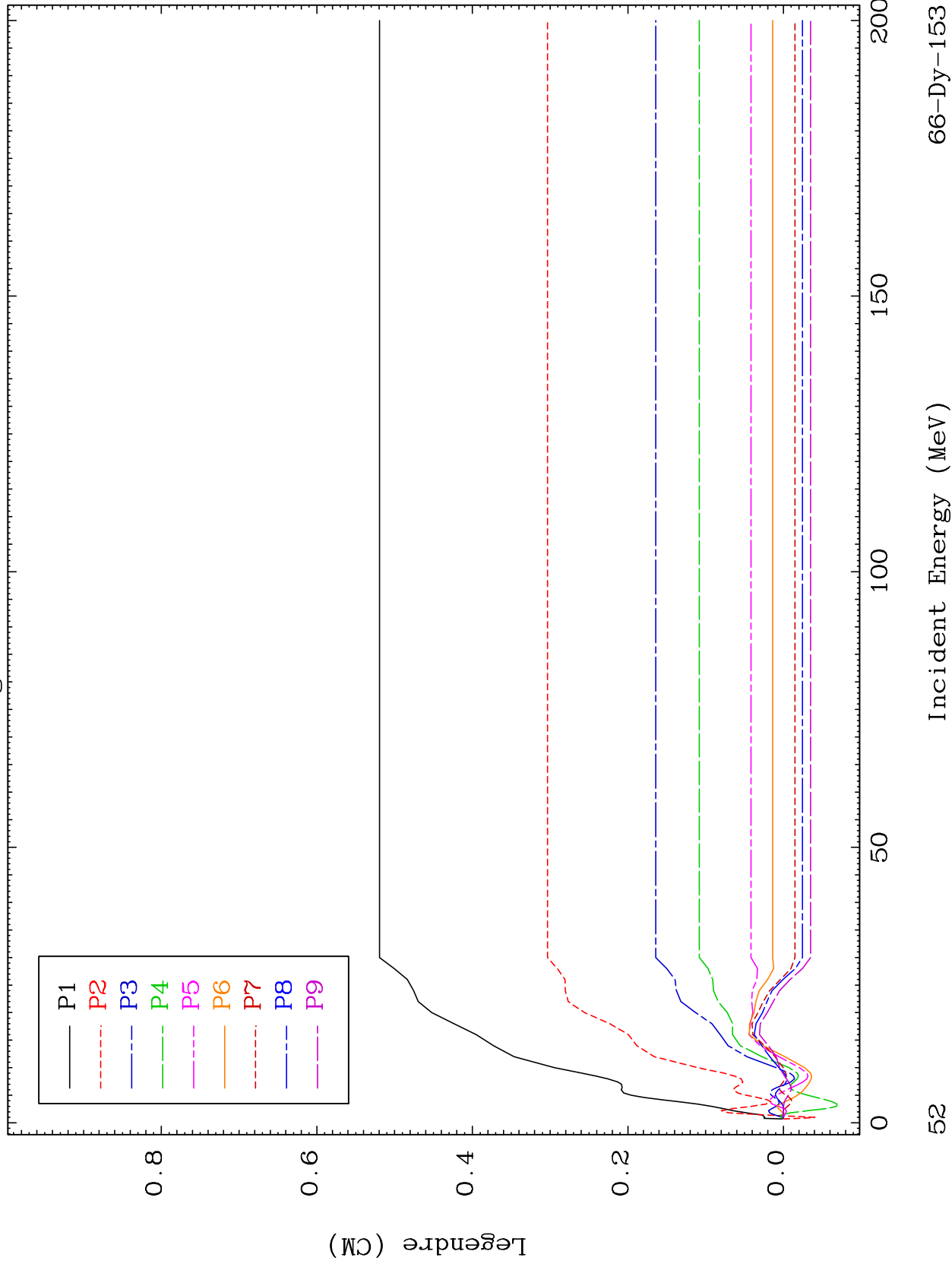
51

66-Dy-153

MAT 6616

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

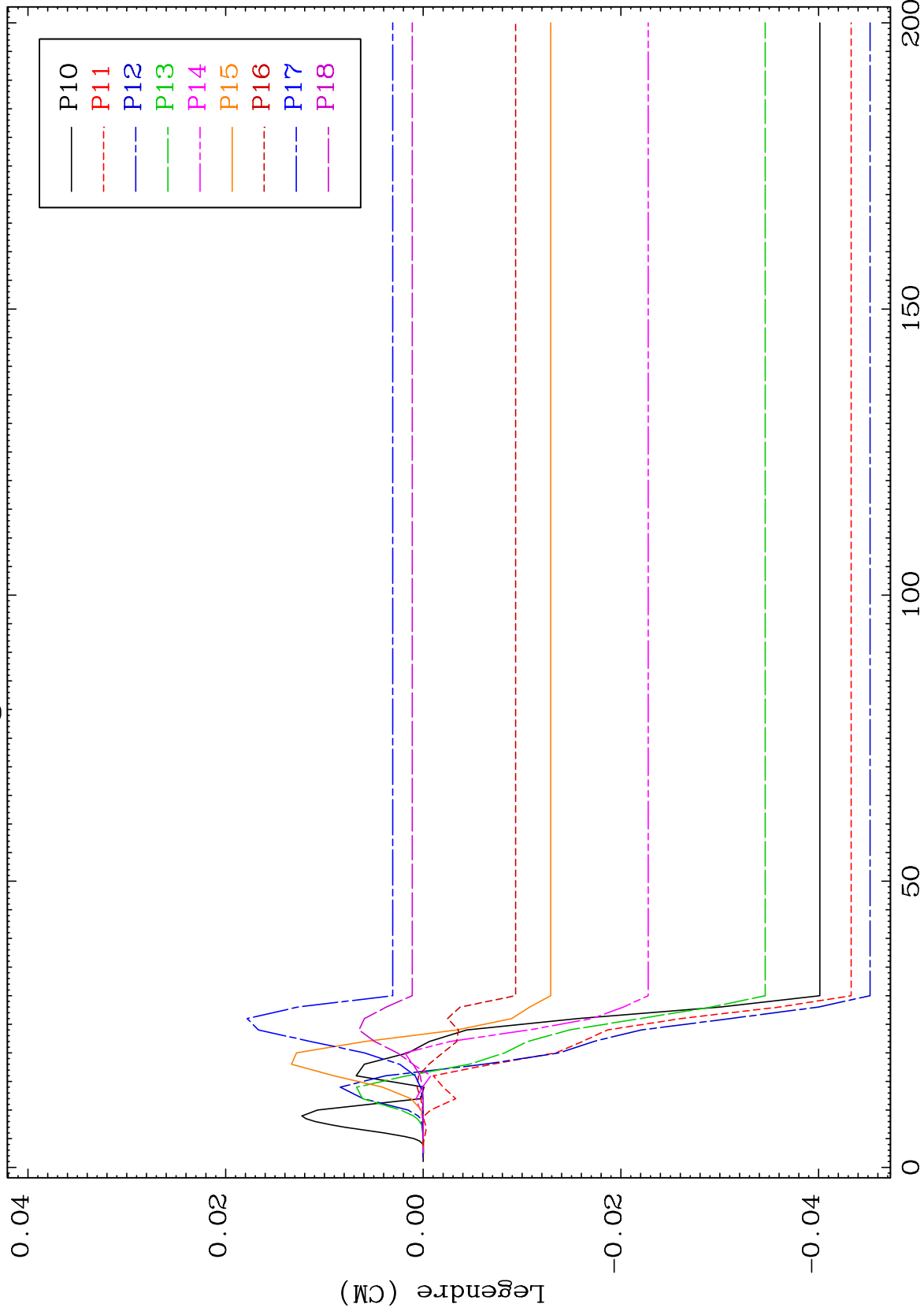
66-Dy-153



MAT 6616

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

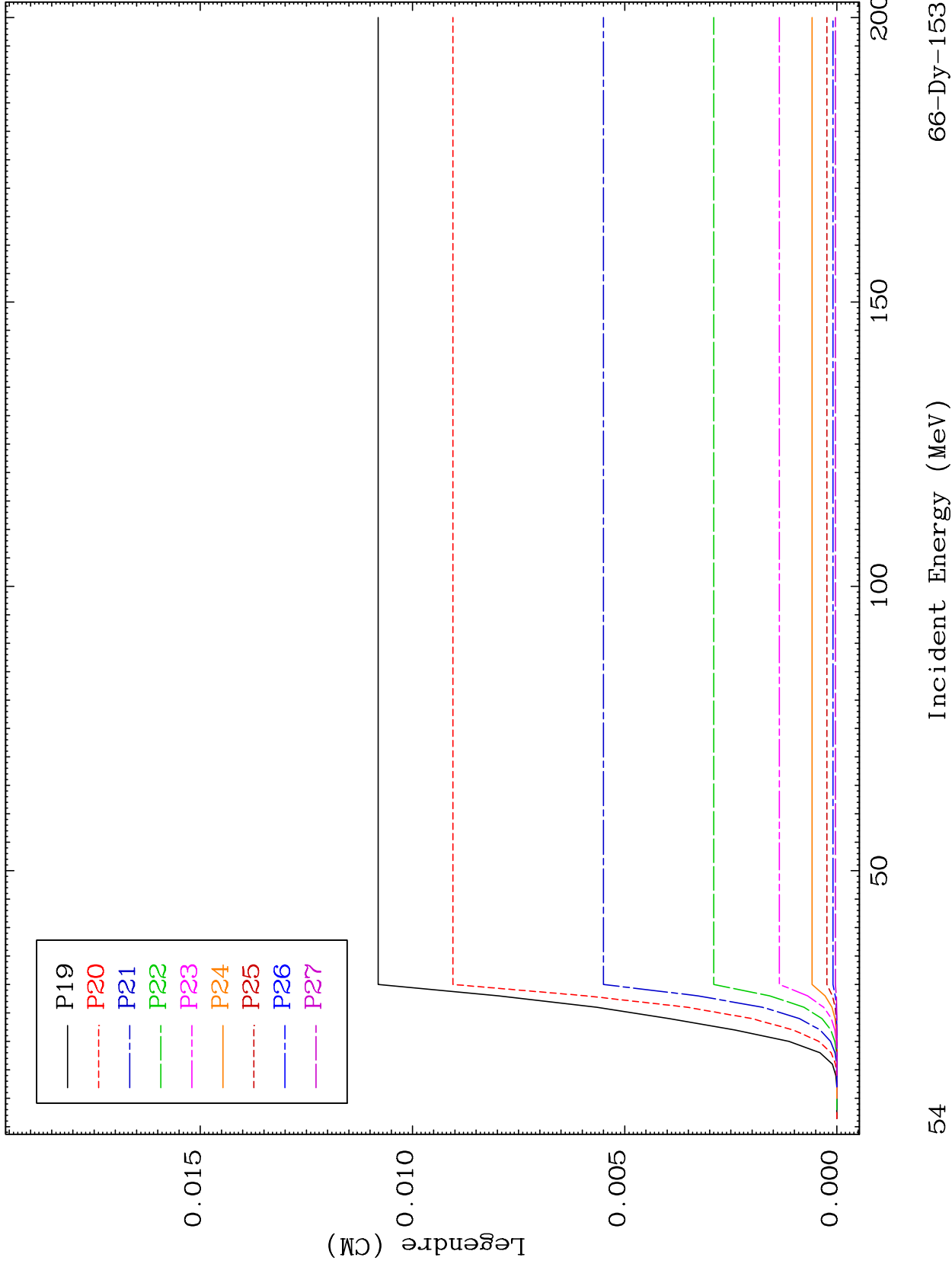
66-Dy-153



53

Incident Energy (MeV)

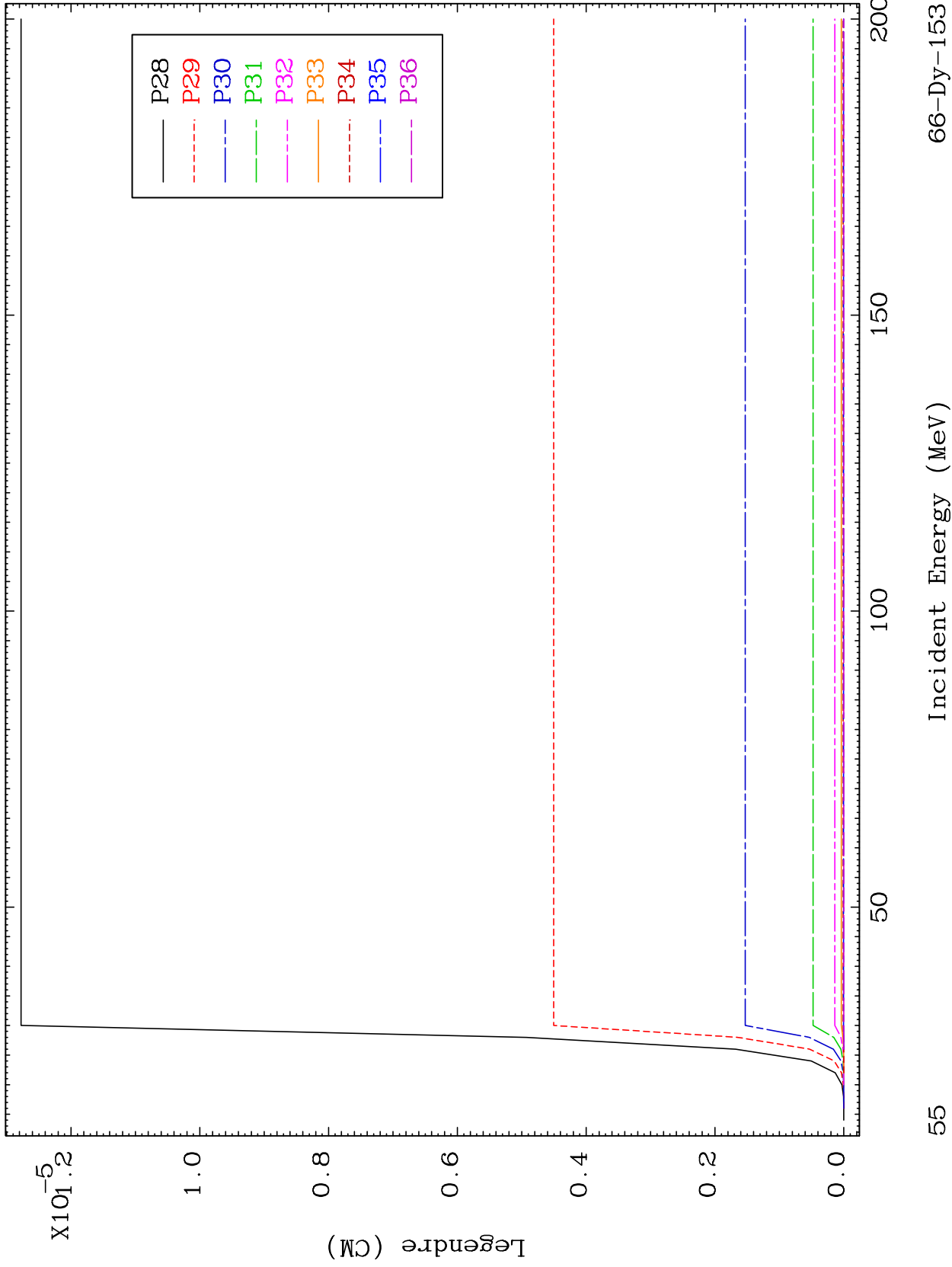
66-Dy-153



MAT 6616

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

66-Dy-153



55

Incident Energy (MeV)

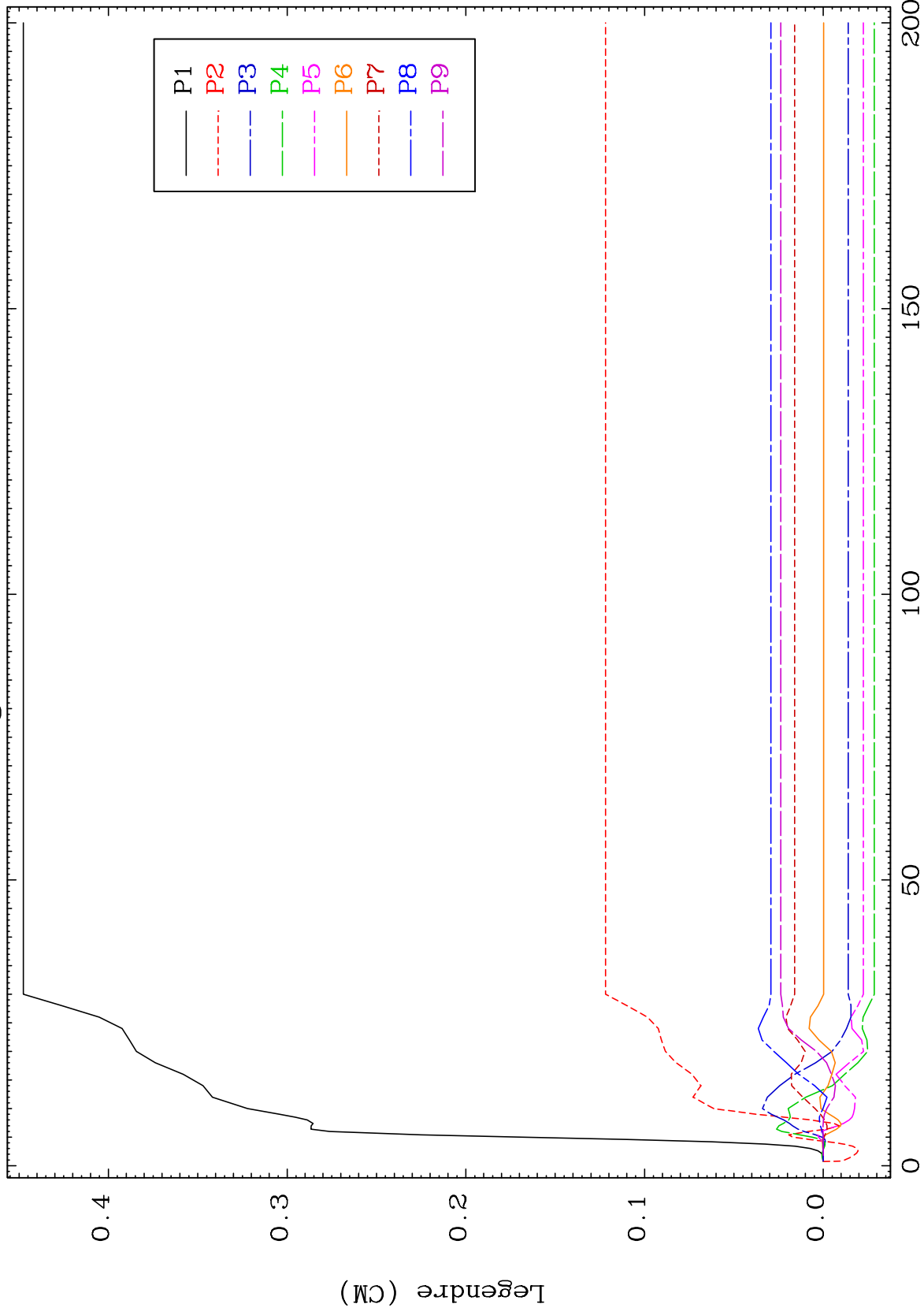
66-Dy-153



MAT 6616

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

66-Dy-153



56

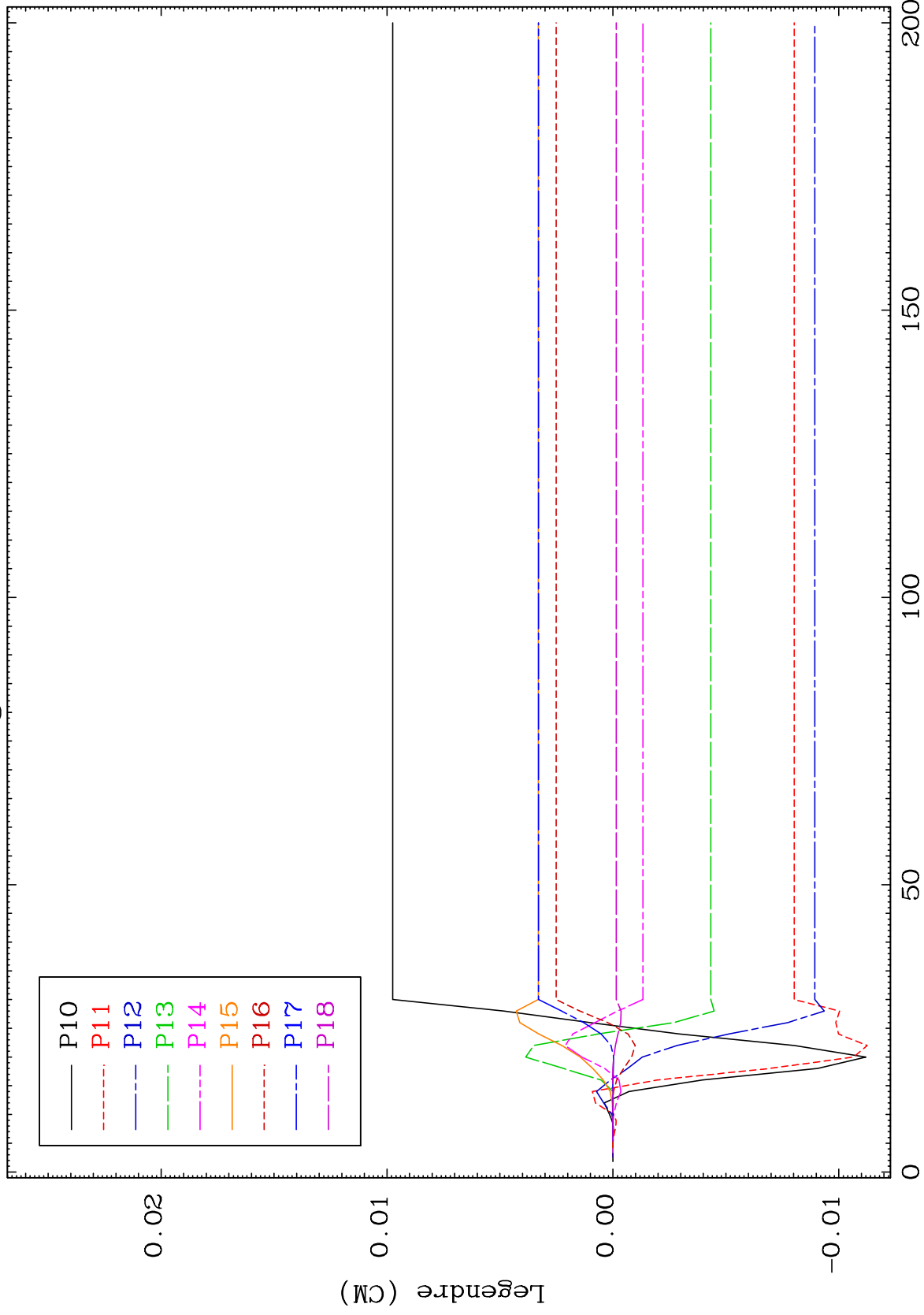
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

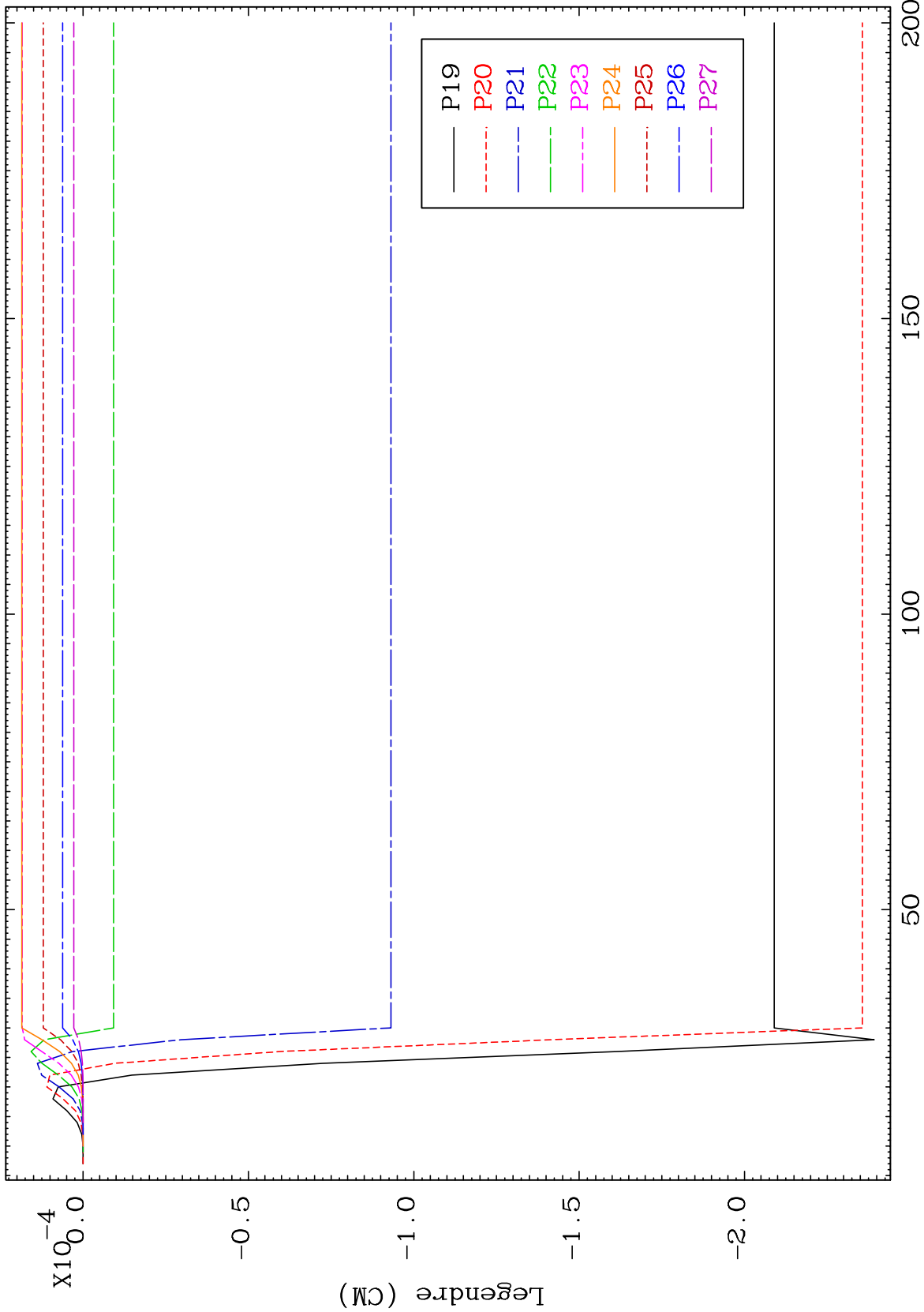
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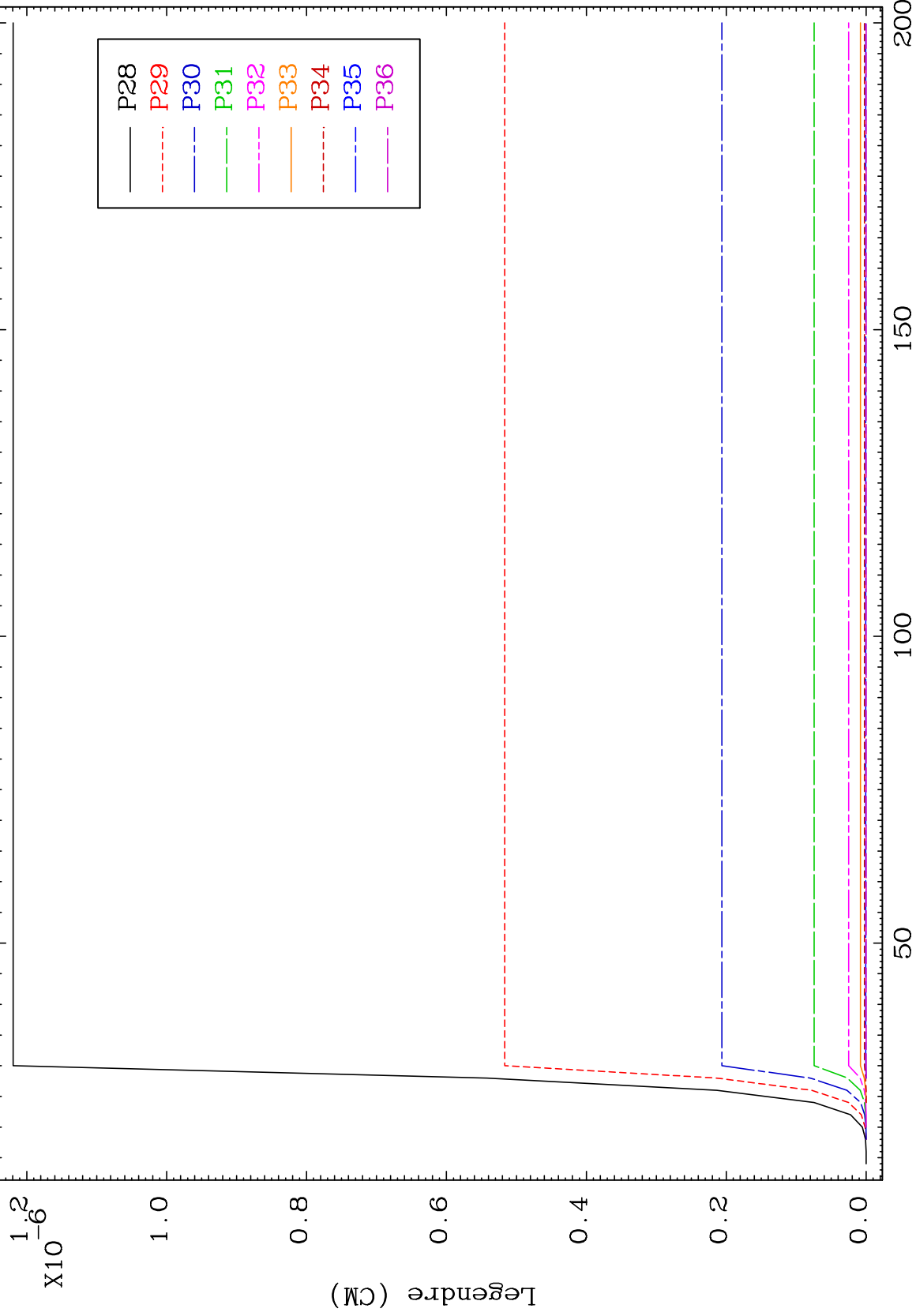


57

Incident Energy (MeV)

66-Dy-153



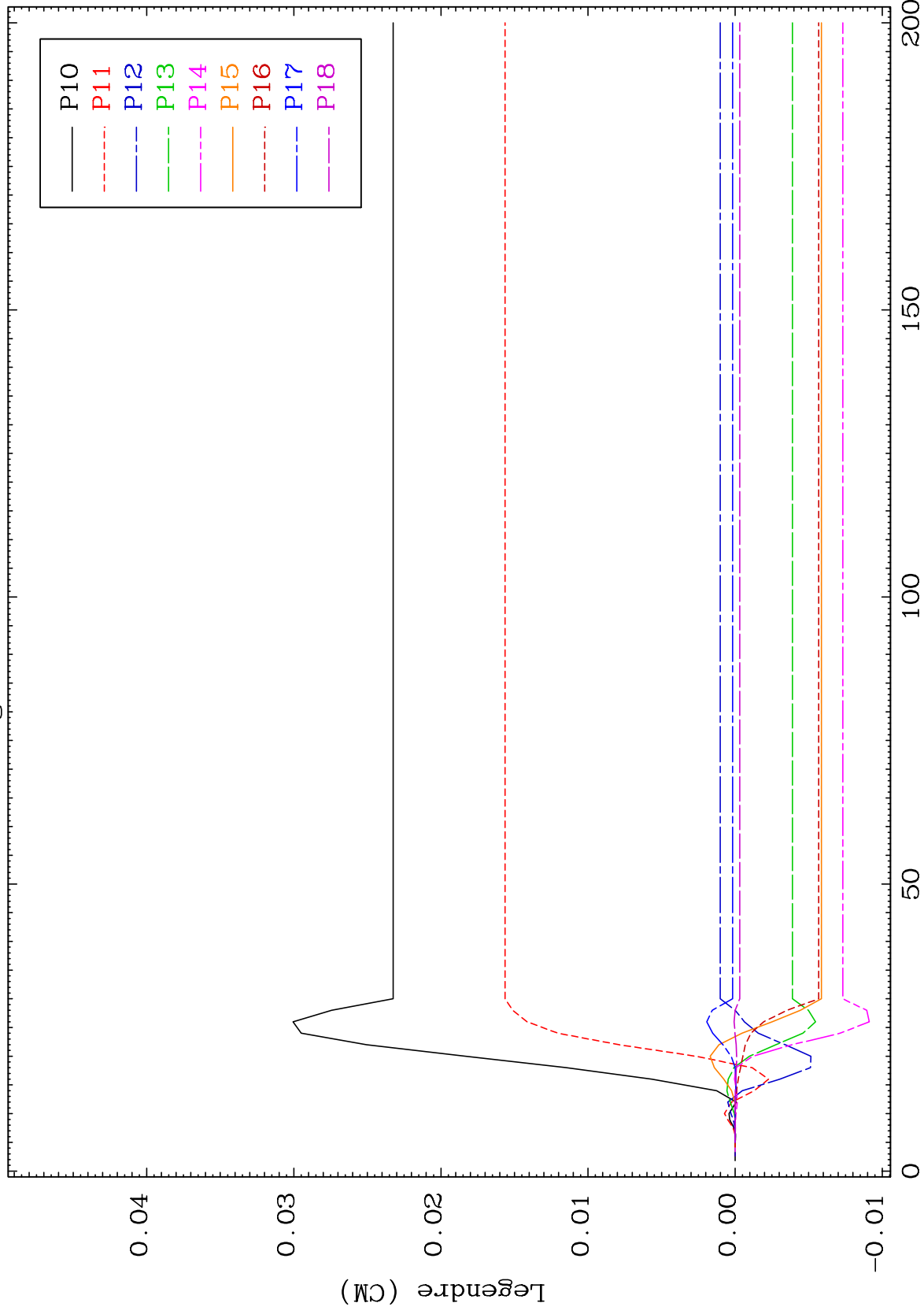




MAT 6616

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

66-Dy-153



61

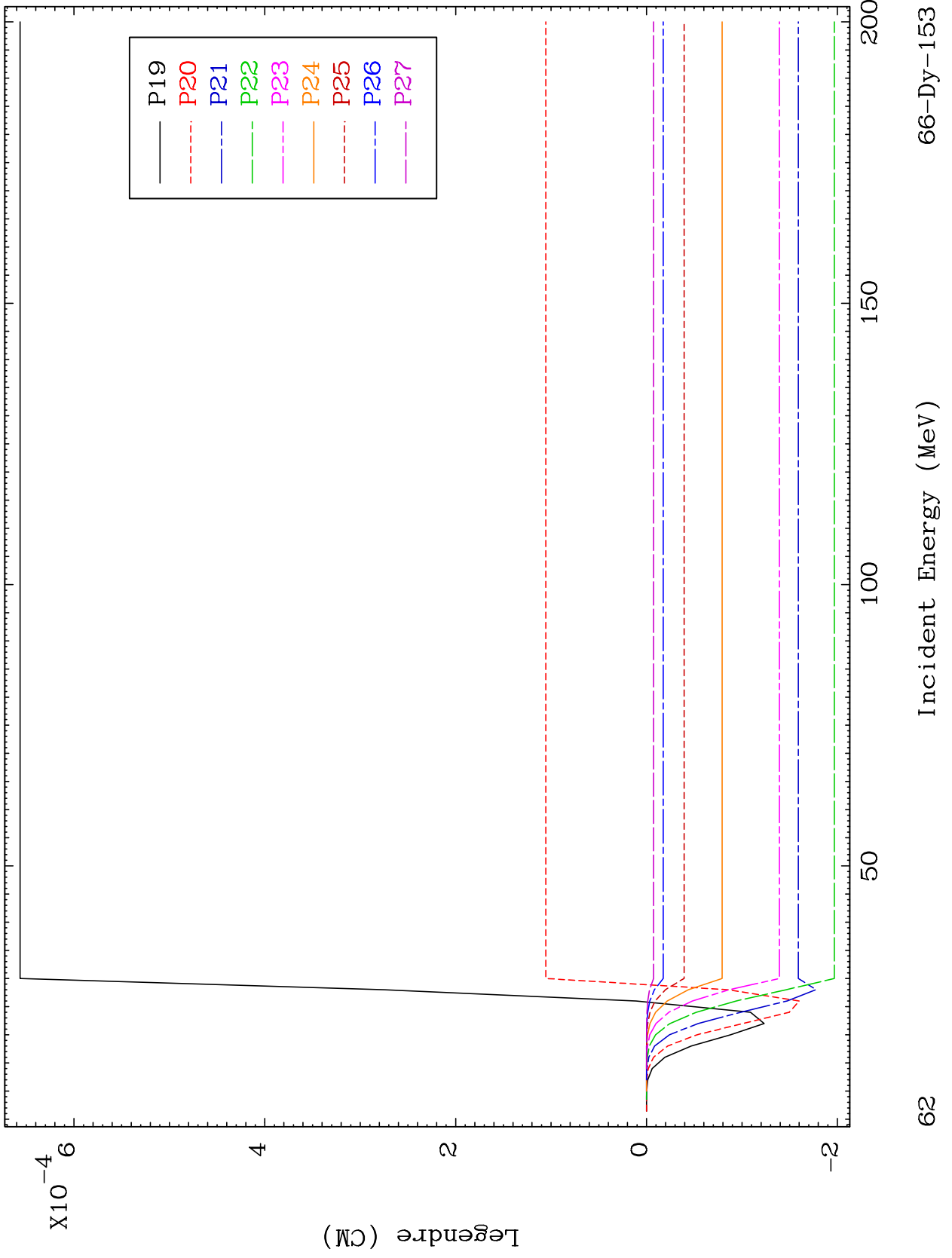
Incident Energy (MeV)

66-Dy-153

MAT 6616

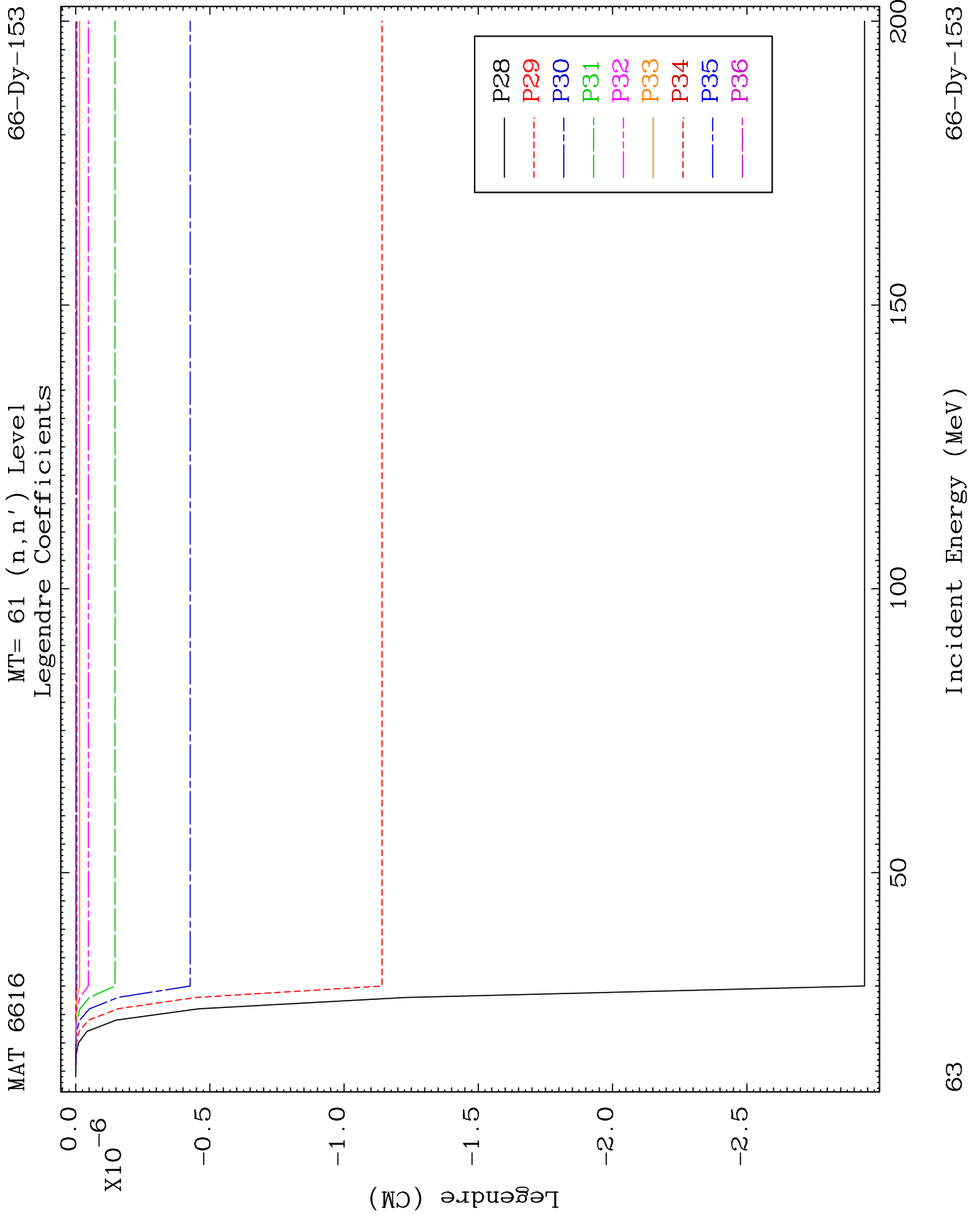
MT= 61 (n,n') Level  
Legendre Coefficients

66-Dy-153



62

66-Dy-153

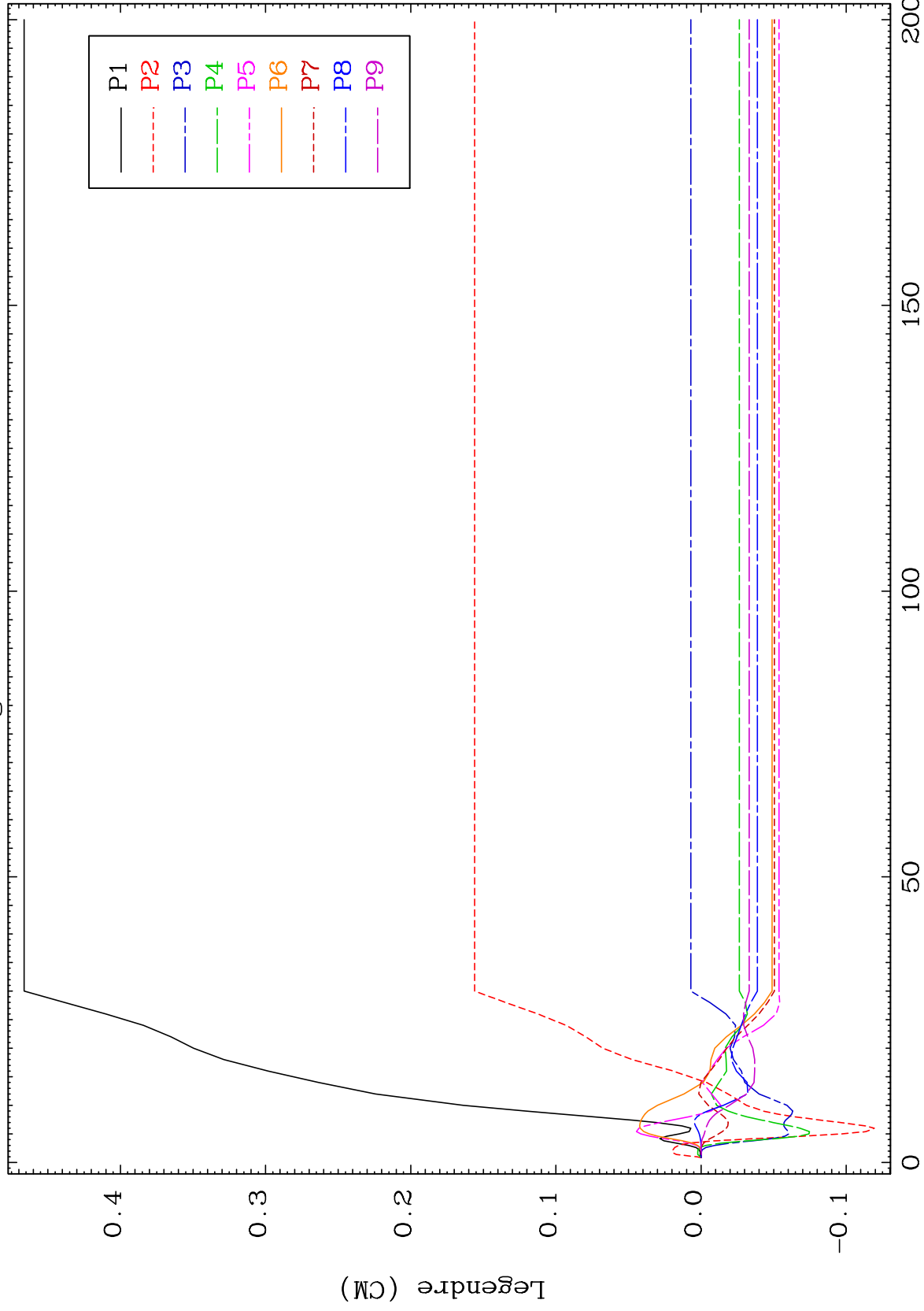




MAT 6616

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

66-Dy-153



64

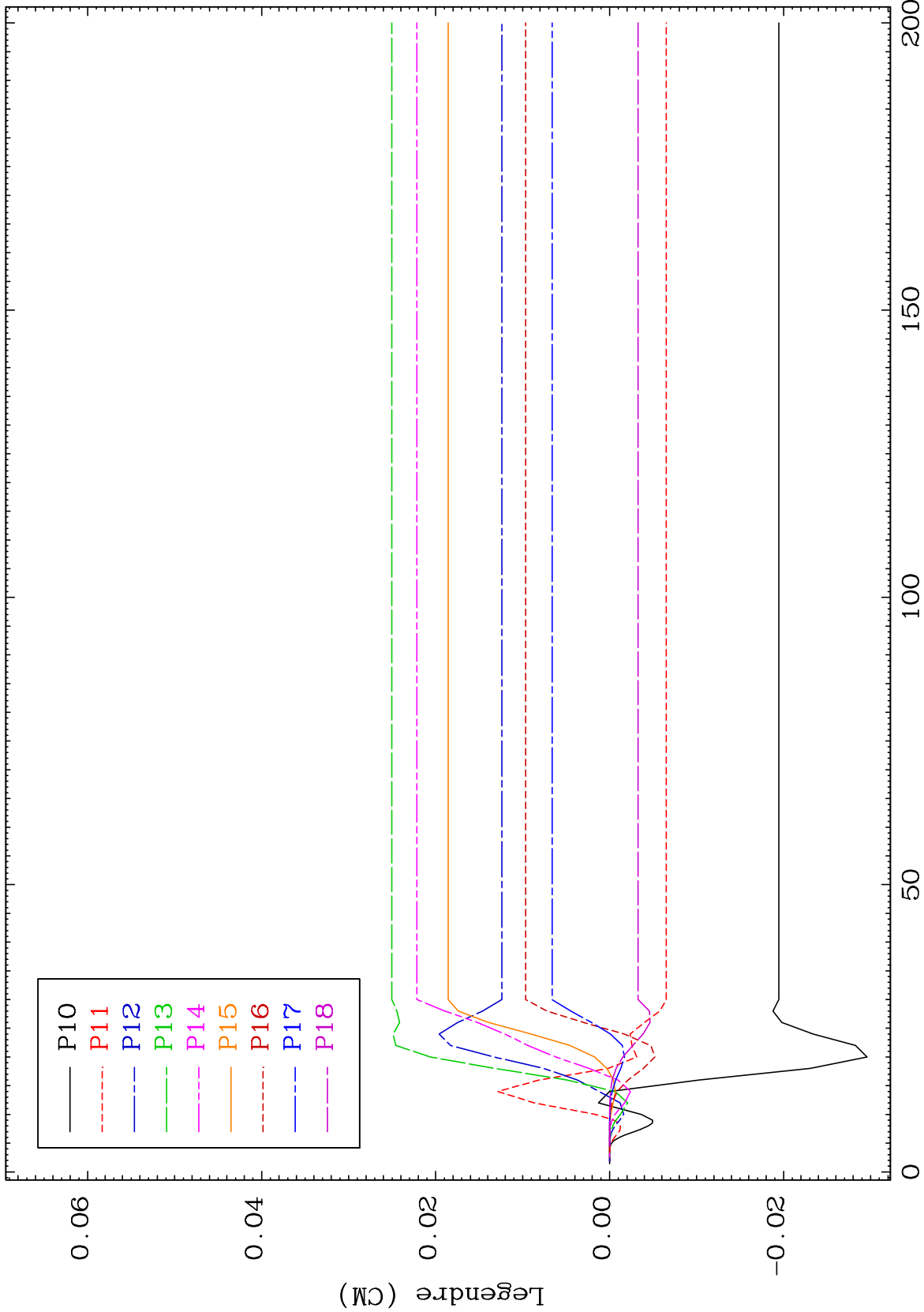
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



65

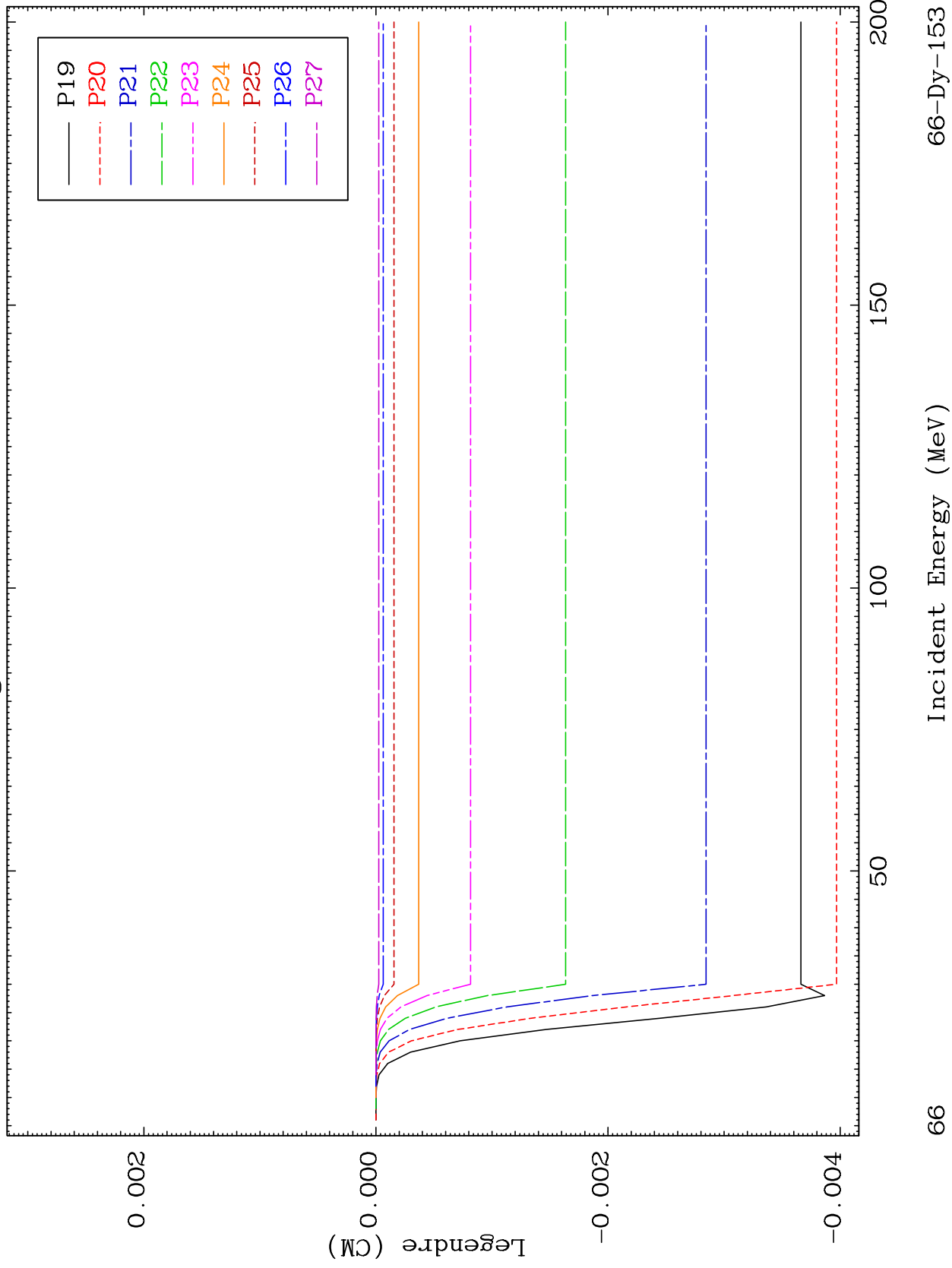
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66

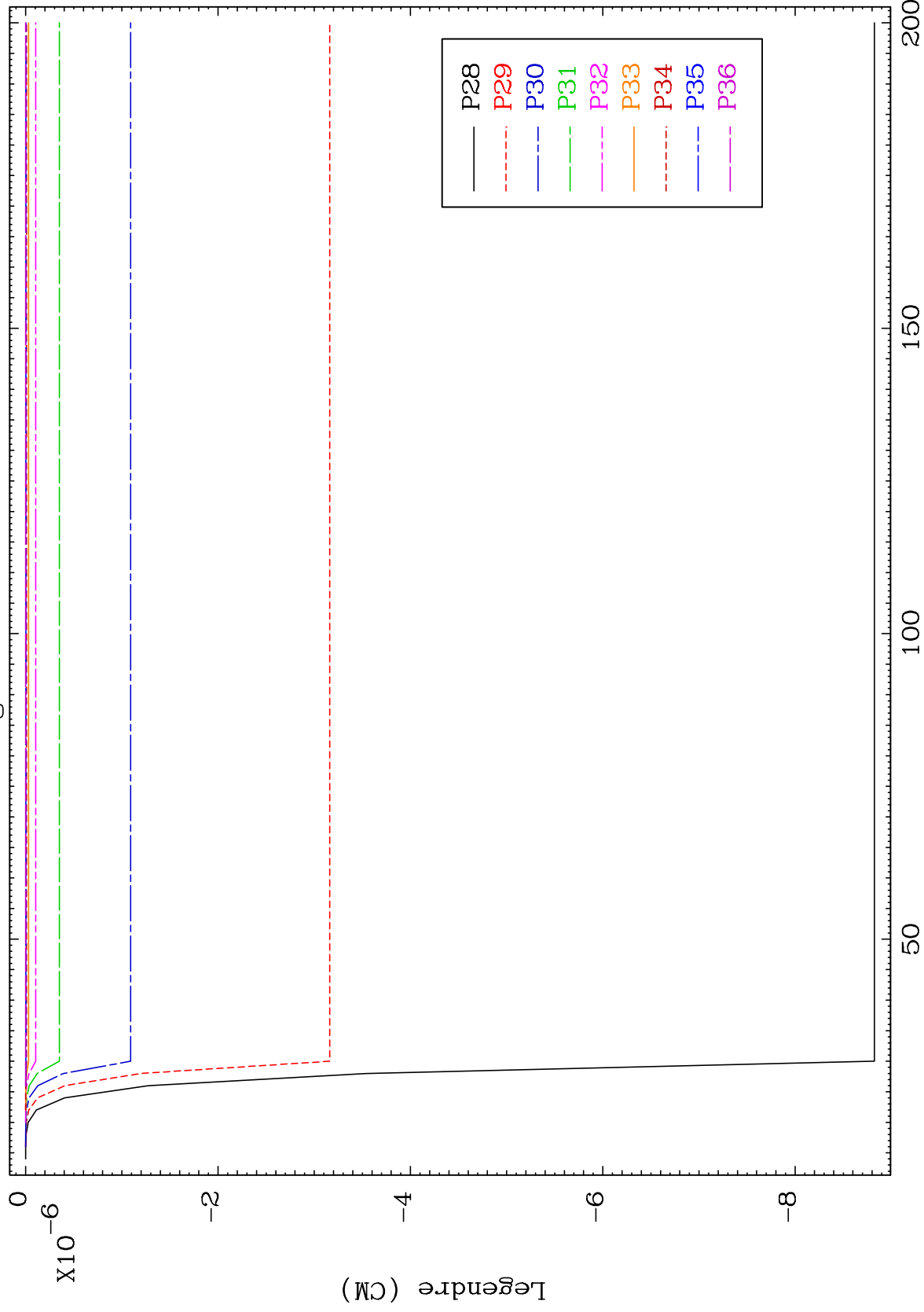
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



67

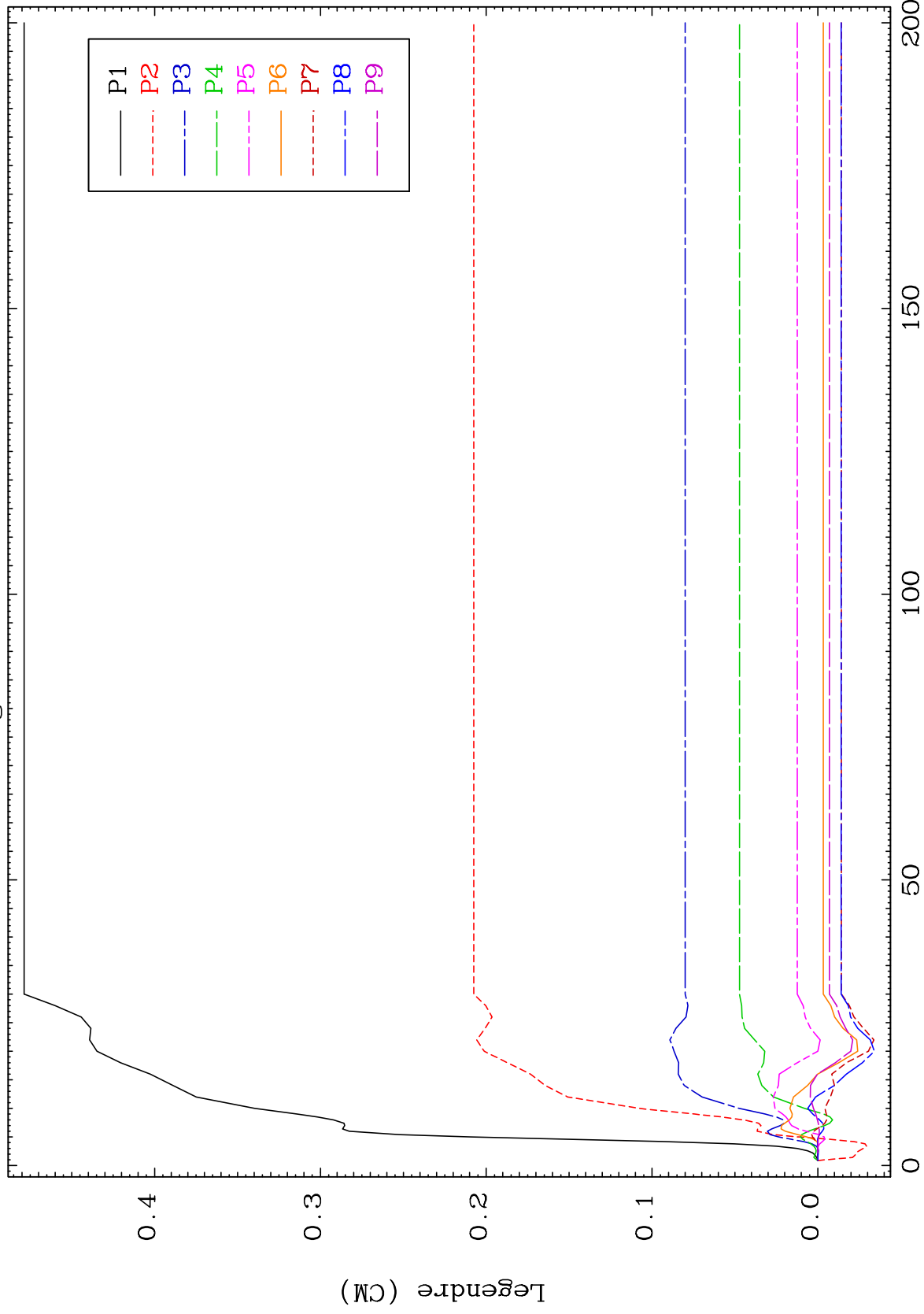
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

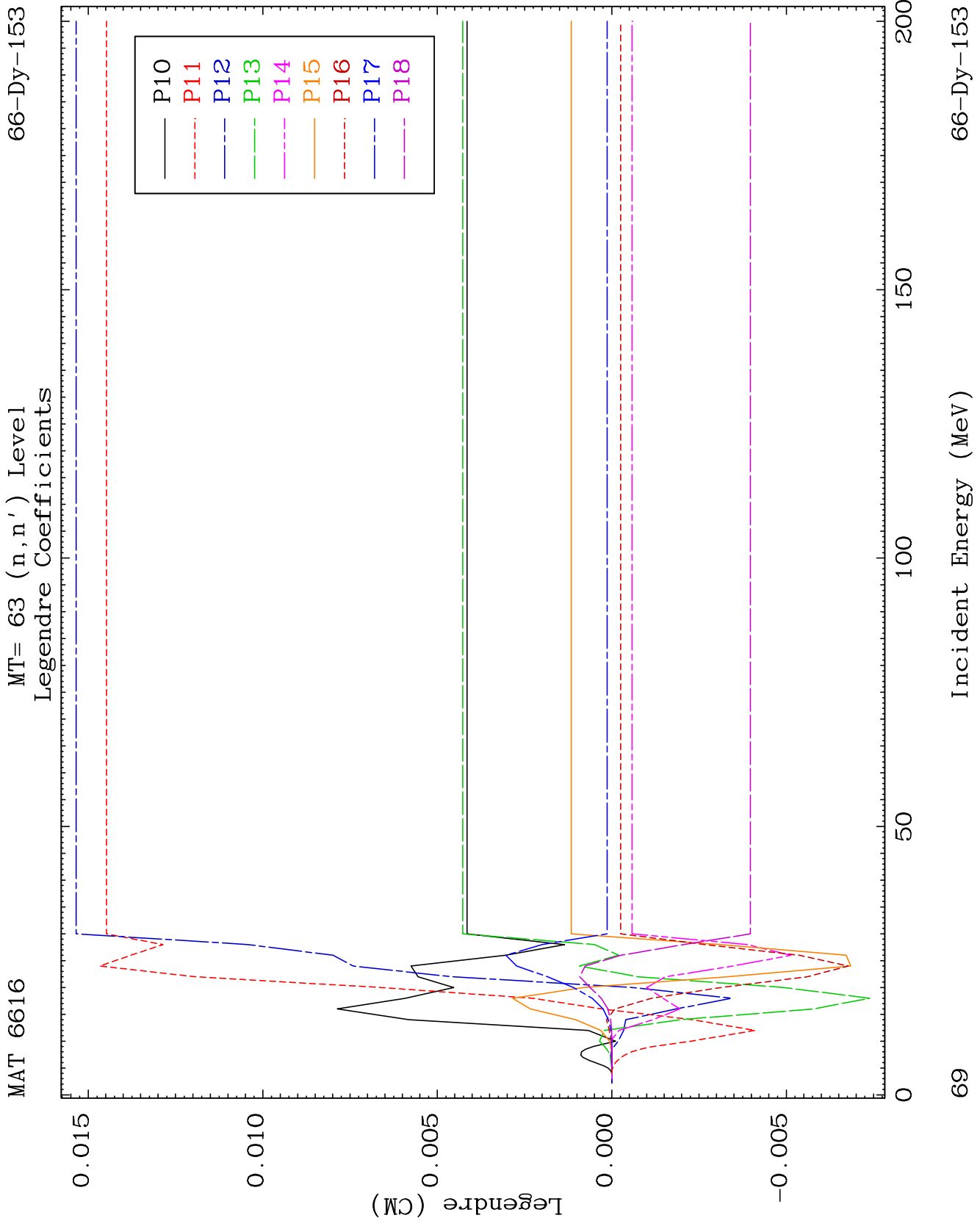
66-Dy-153



68

Incident Energy (MeV)

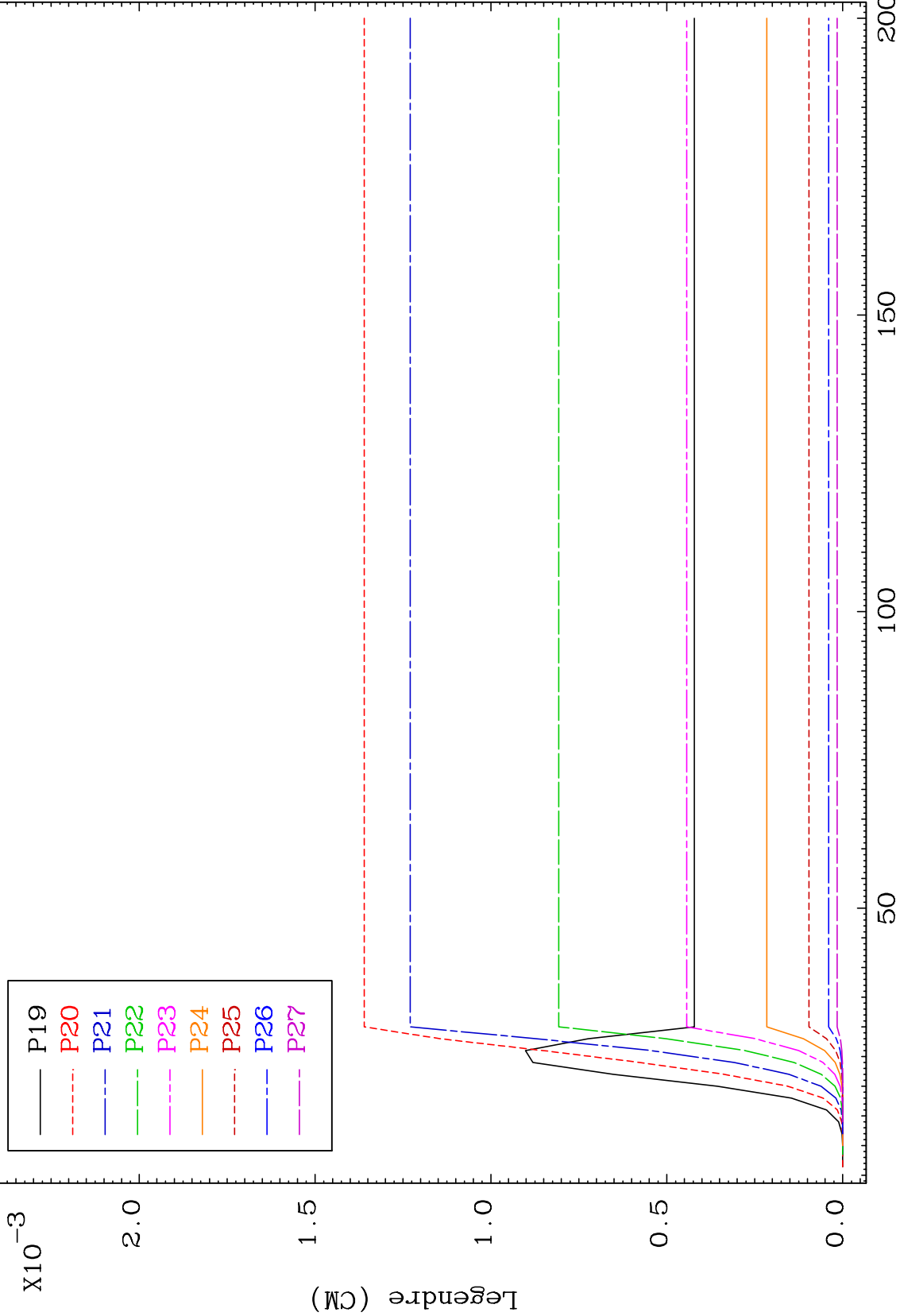
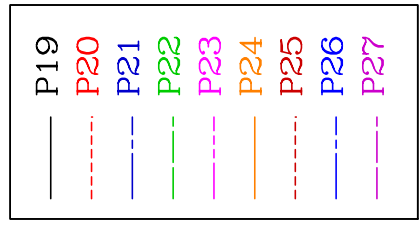
66-Dy-153



MAT 6616

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

66-Dy-153



70

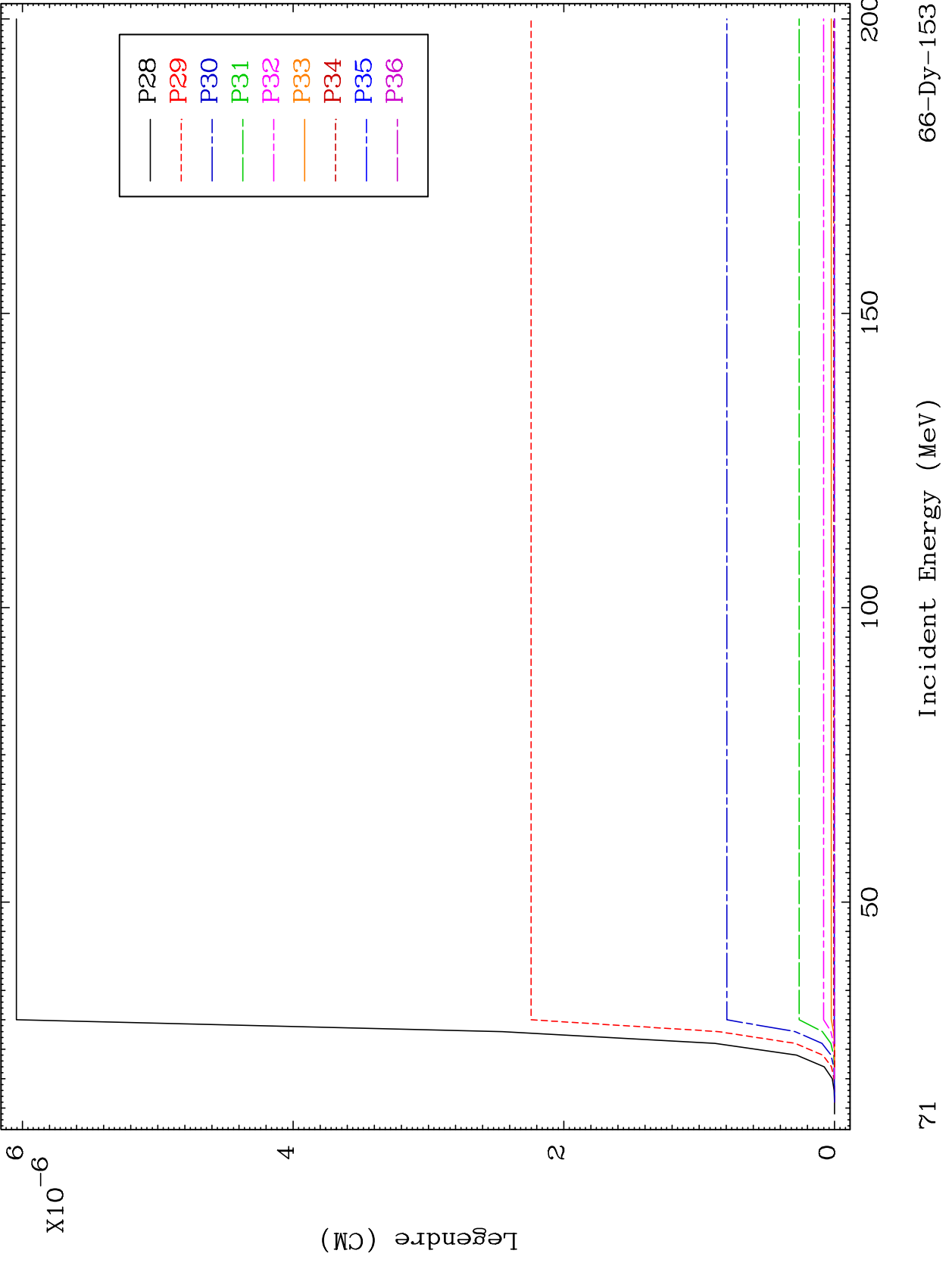
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



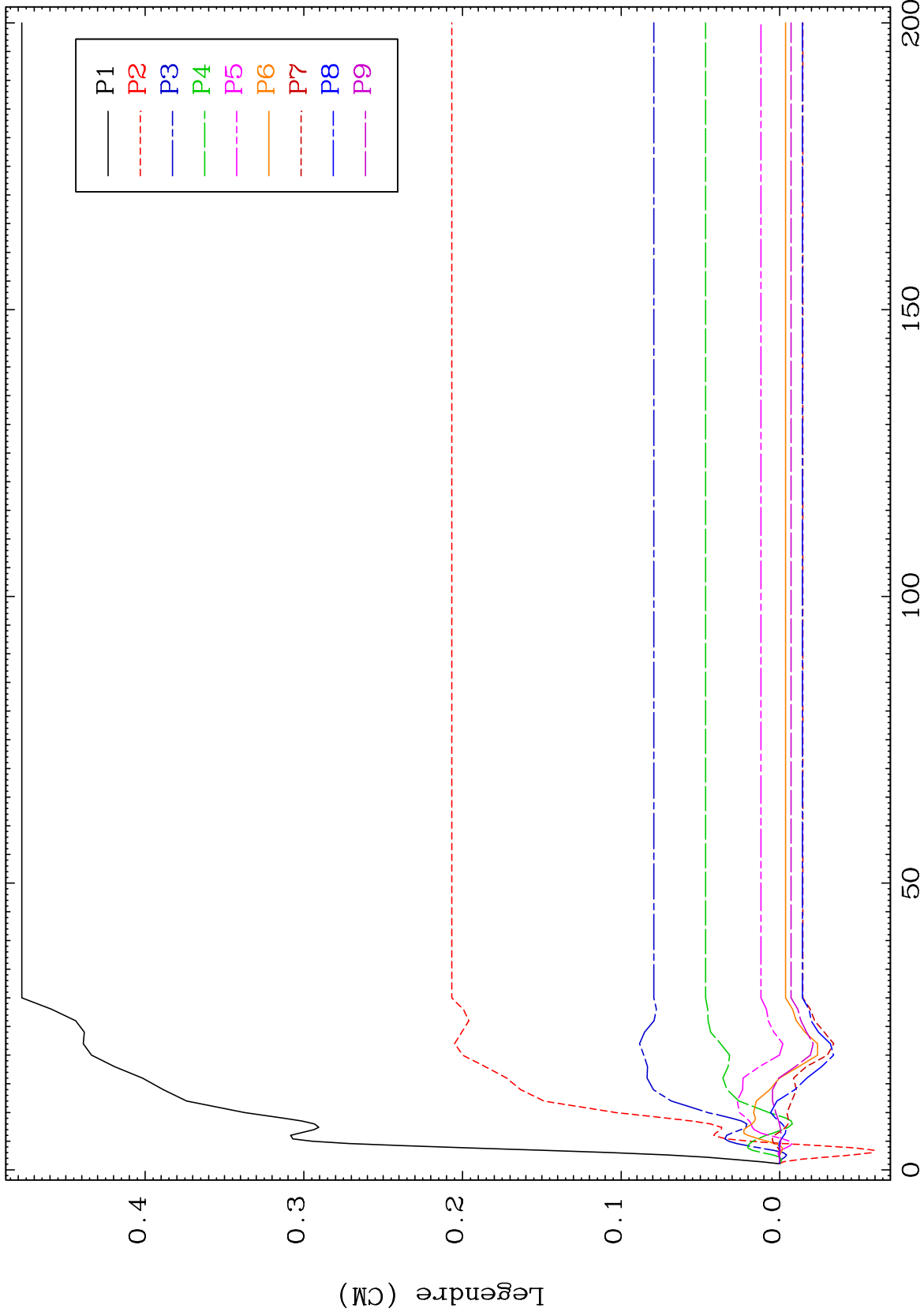
71



MAT 6616

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

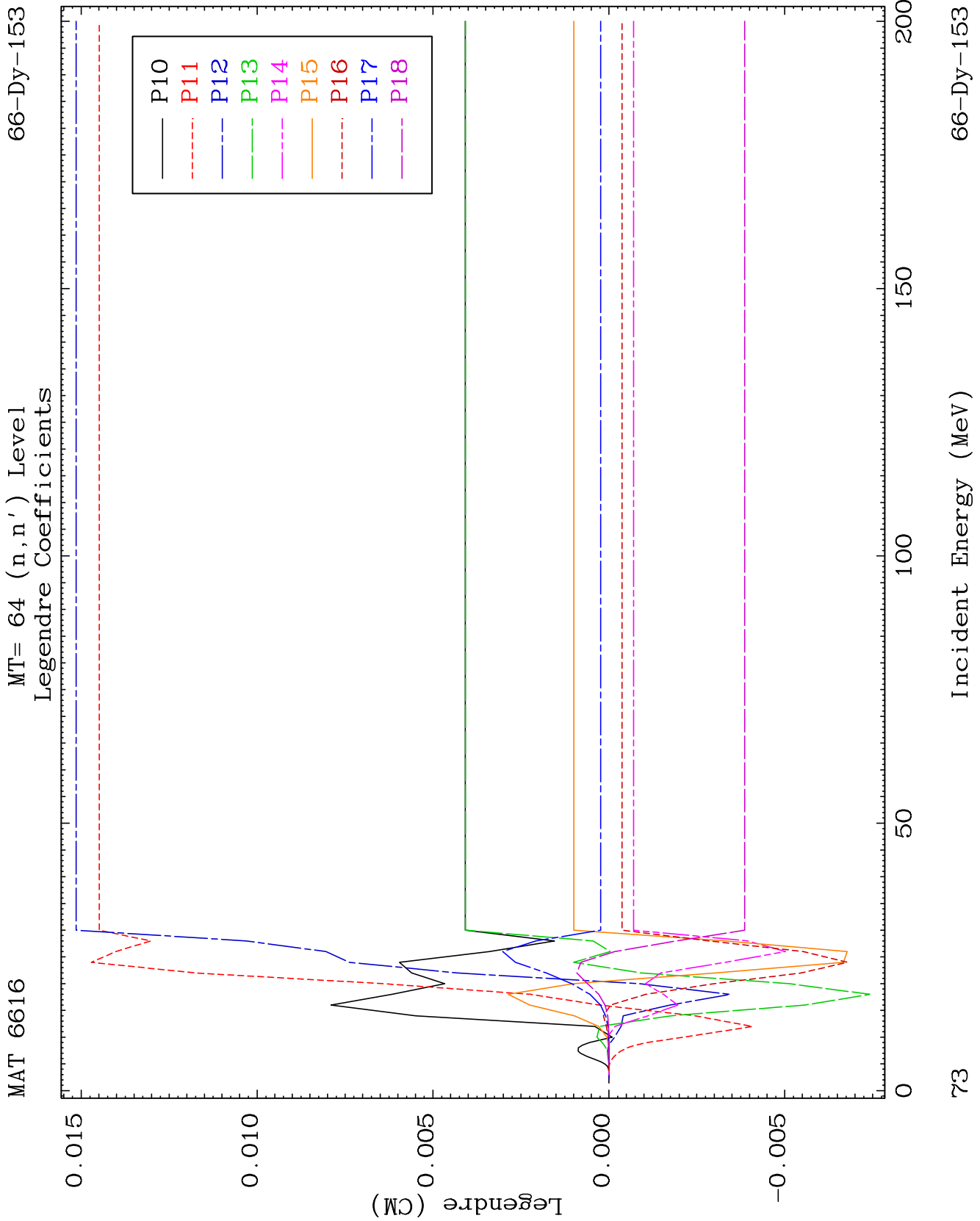
66-Dy-153



72

Incident Energy (MeV)

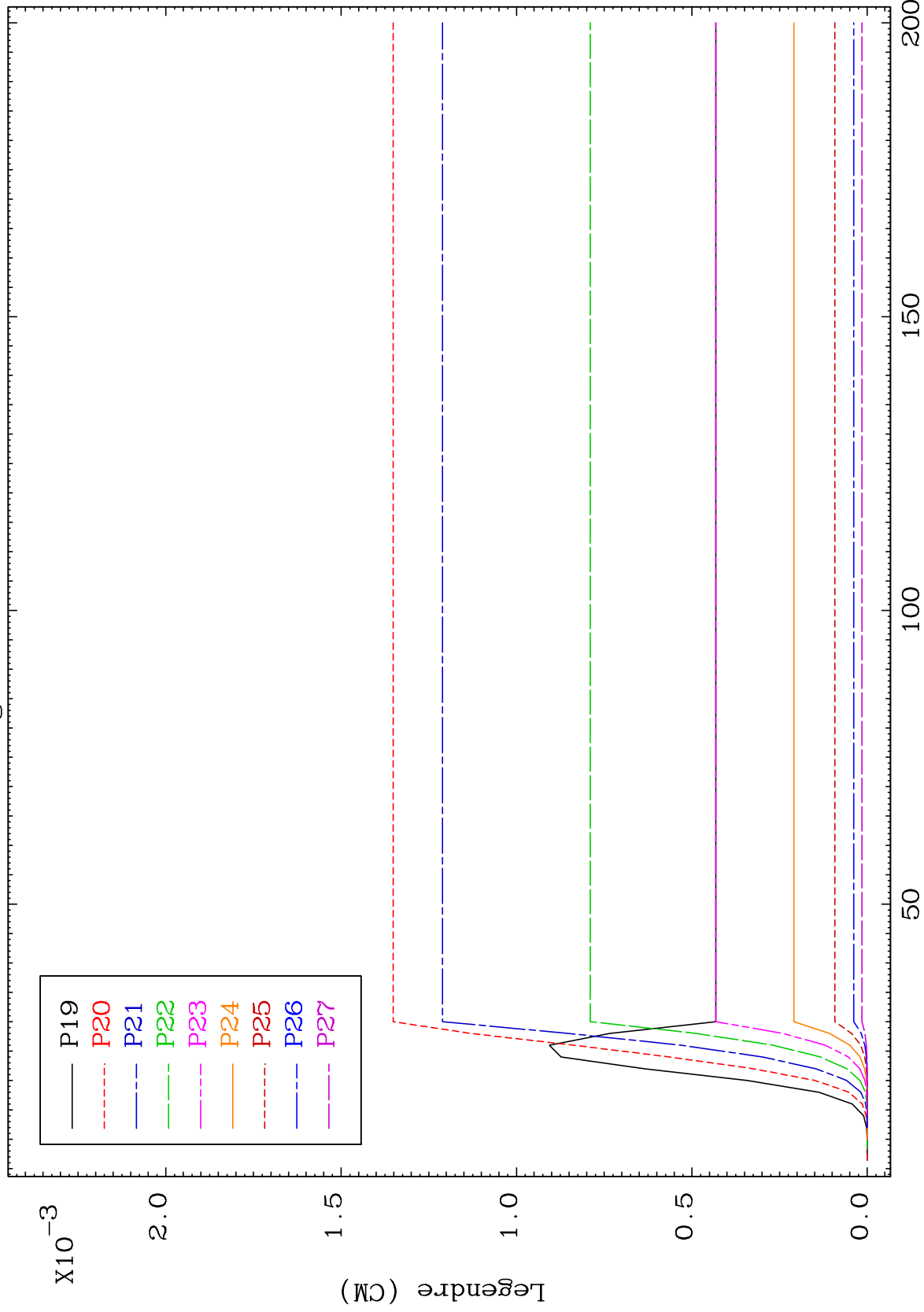
66-Dy-153



MAT 6616

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

66-Dy-153



74

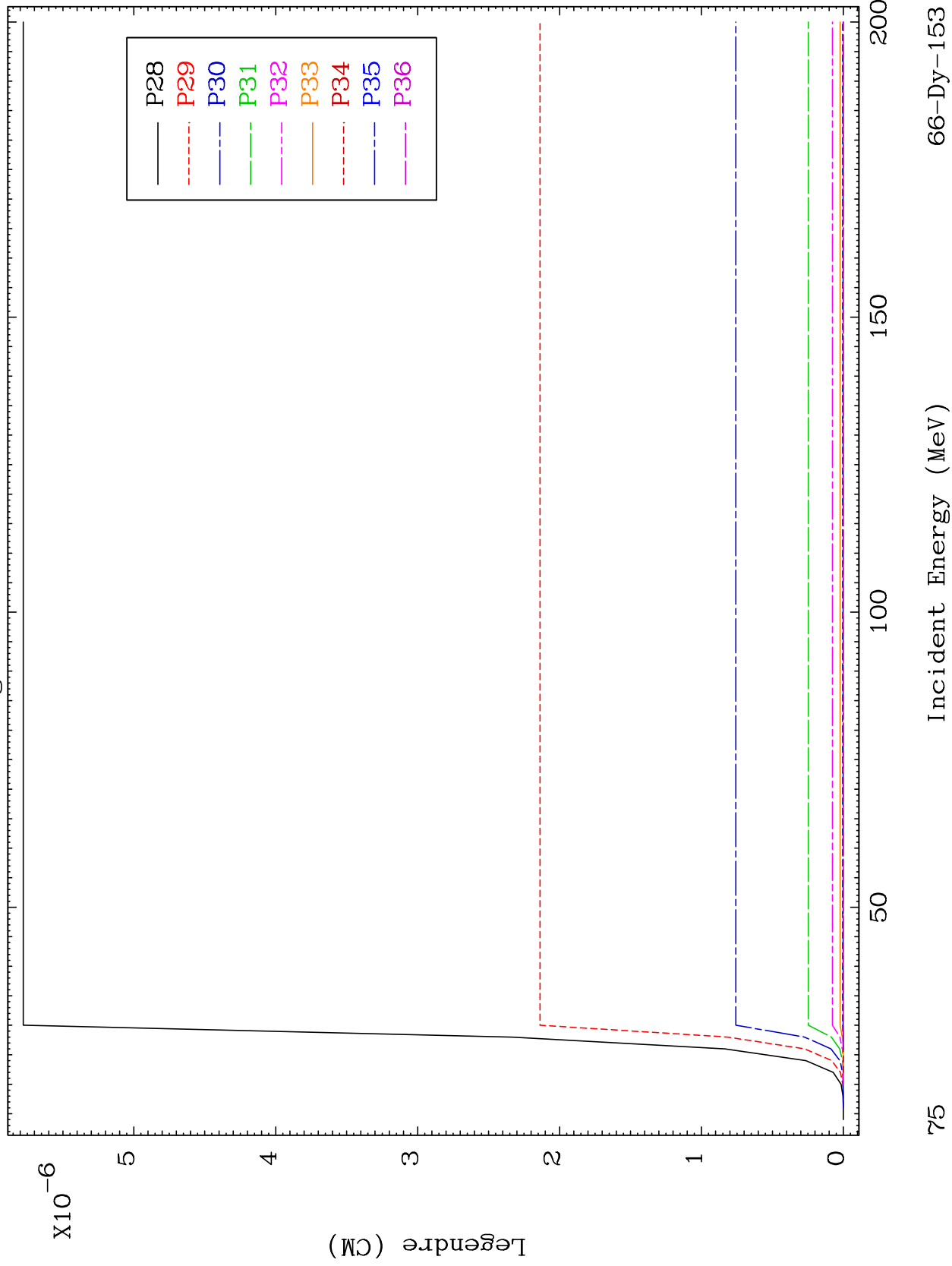
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

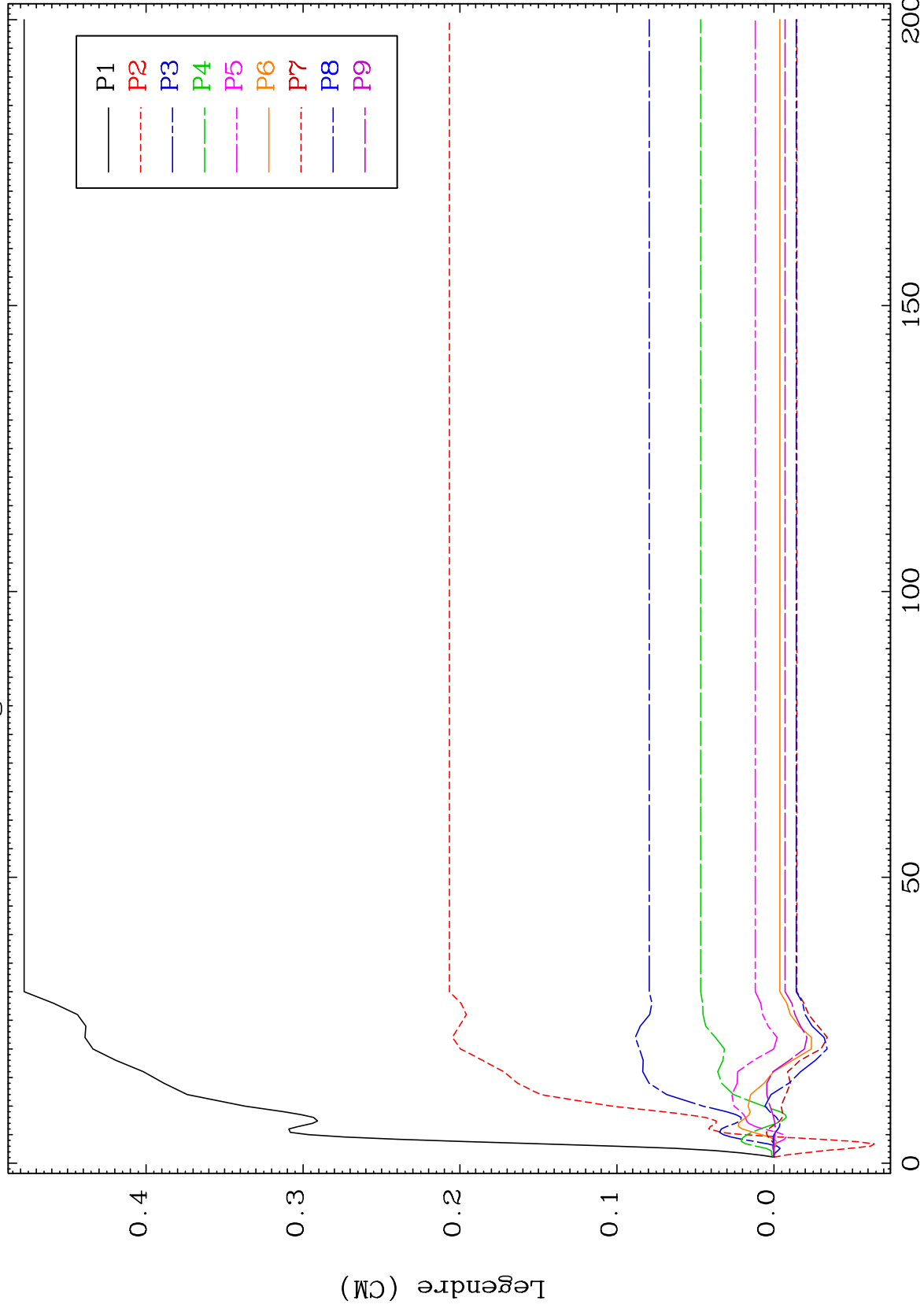
66-Dy-153



MAT 6616

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

66-Dy-153



76

Incident Energy (MeV)

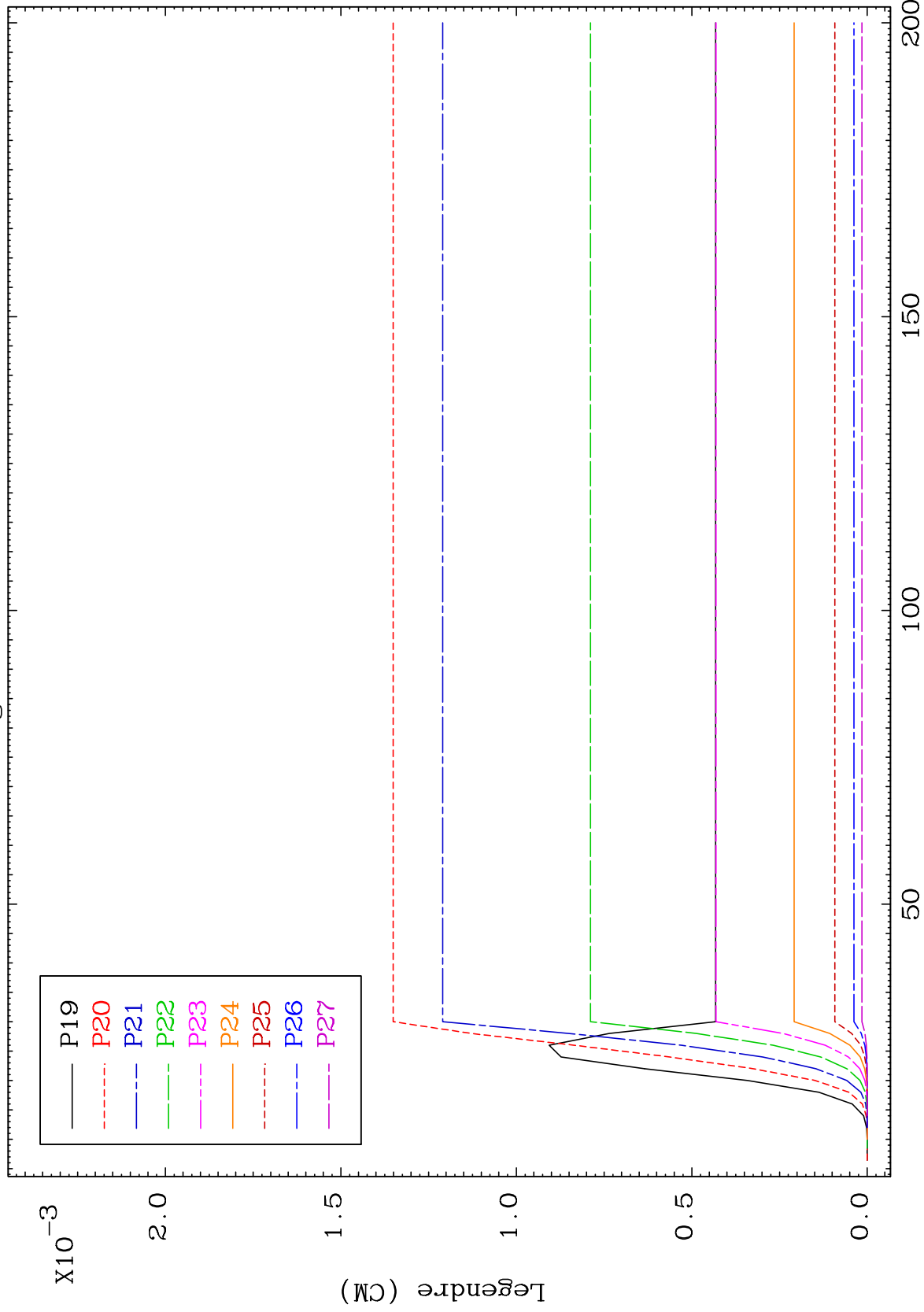
66-Dy-153



MAT 6616

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

66-Dy-153



78

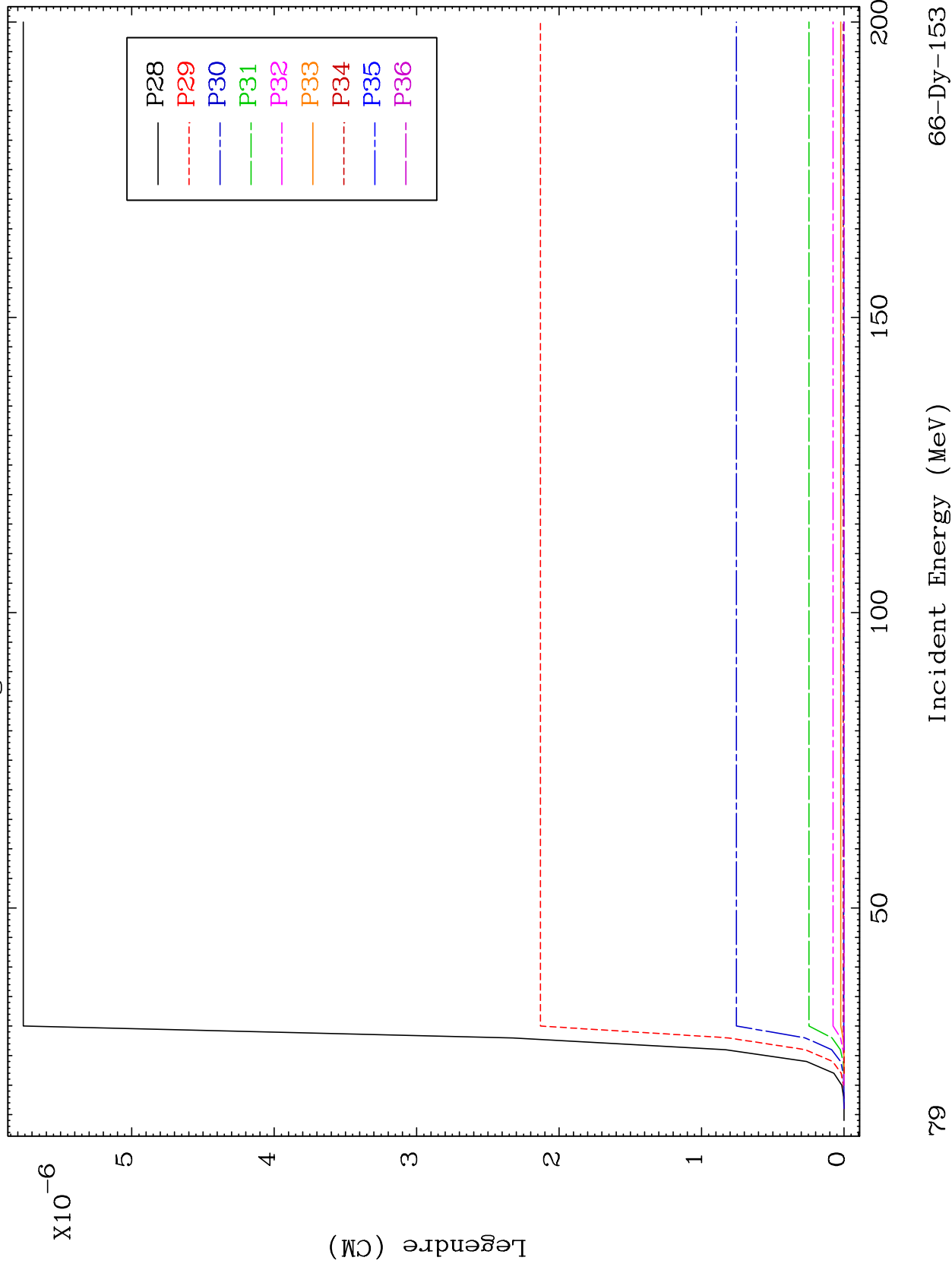
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



79

Incident Energy (MeV)

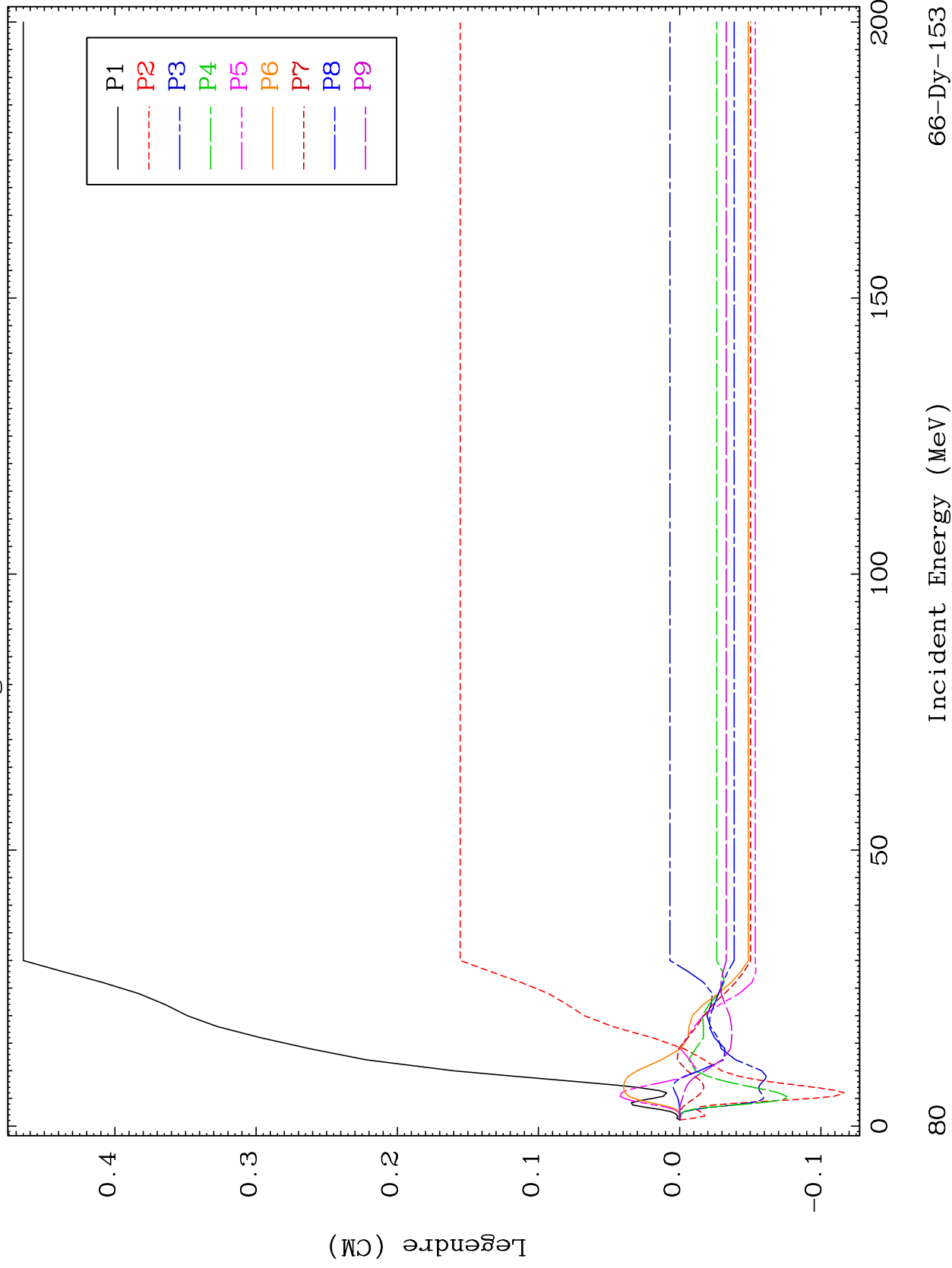
66-Dy-153



MAT 6616

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

66-Dy-153



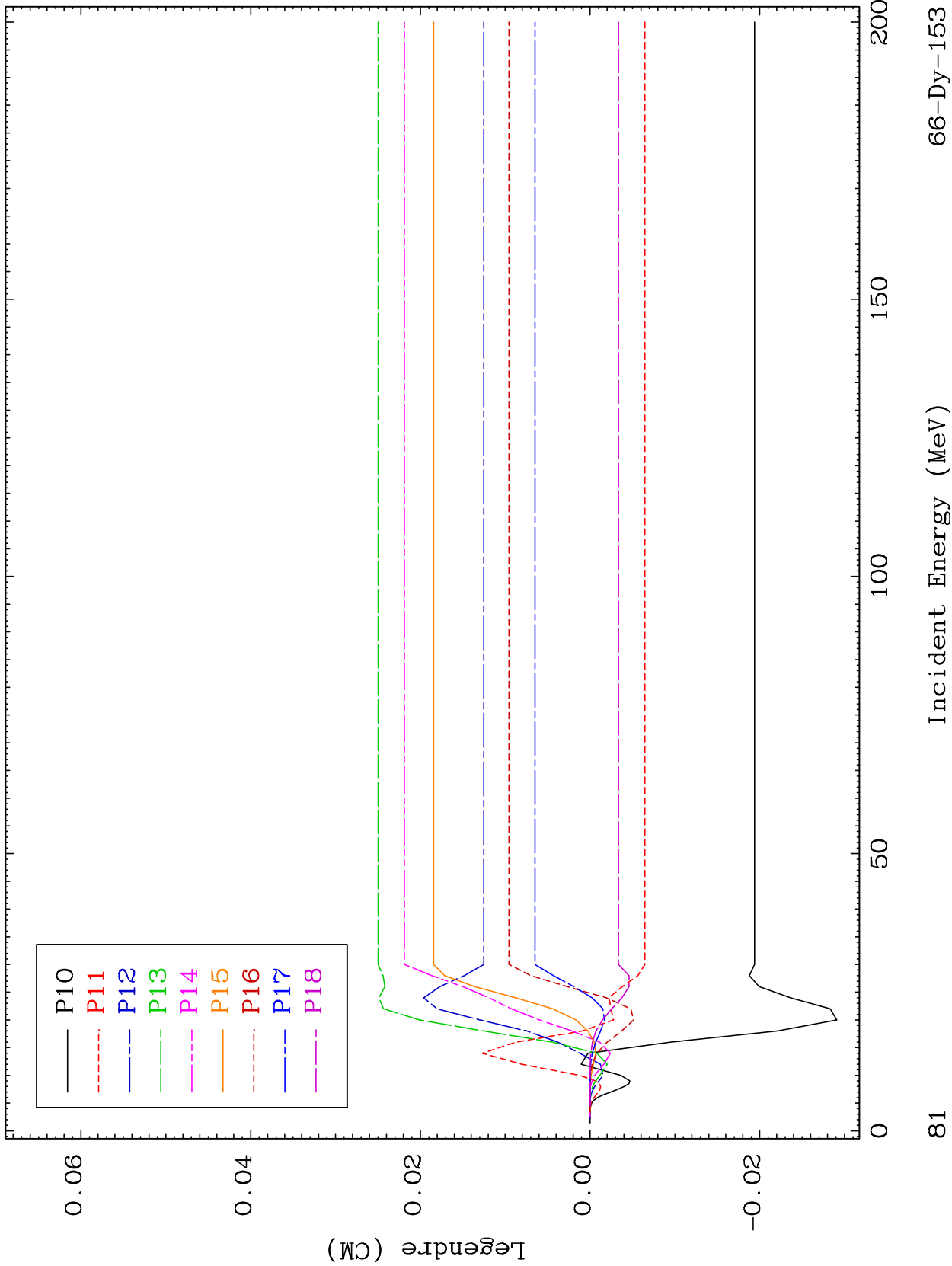
66-Dy-153

Incident Energy (MeV)

MAT 6616

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

66-Dy-153



81

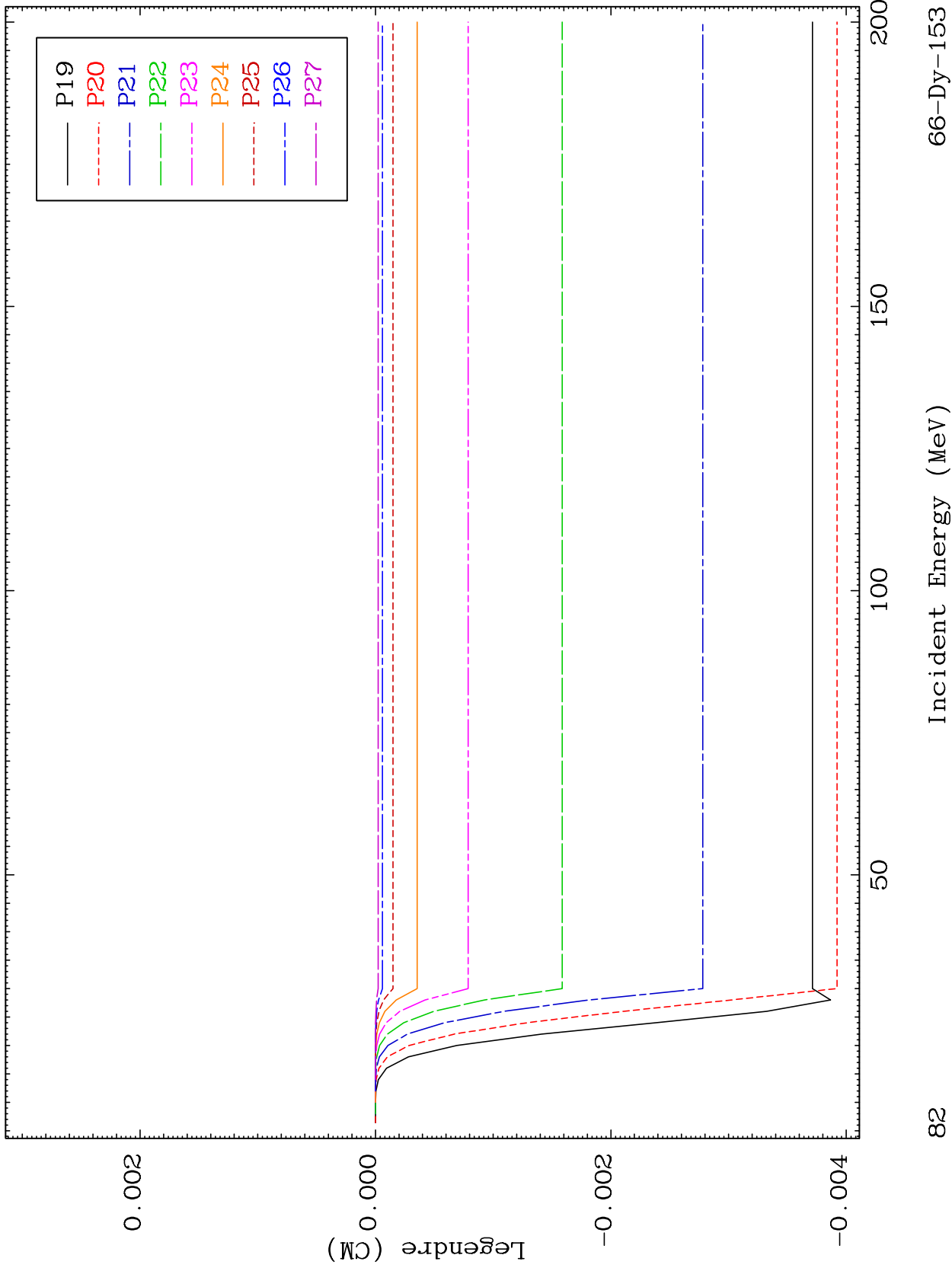
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



82

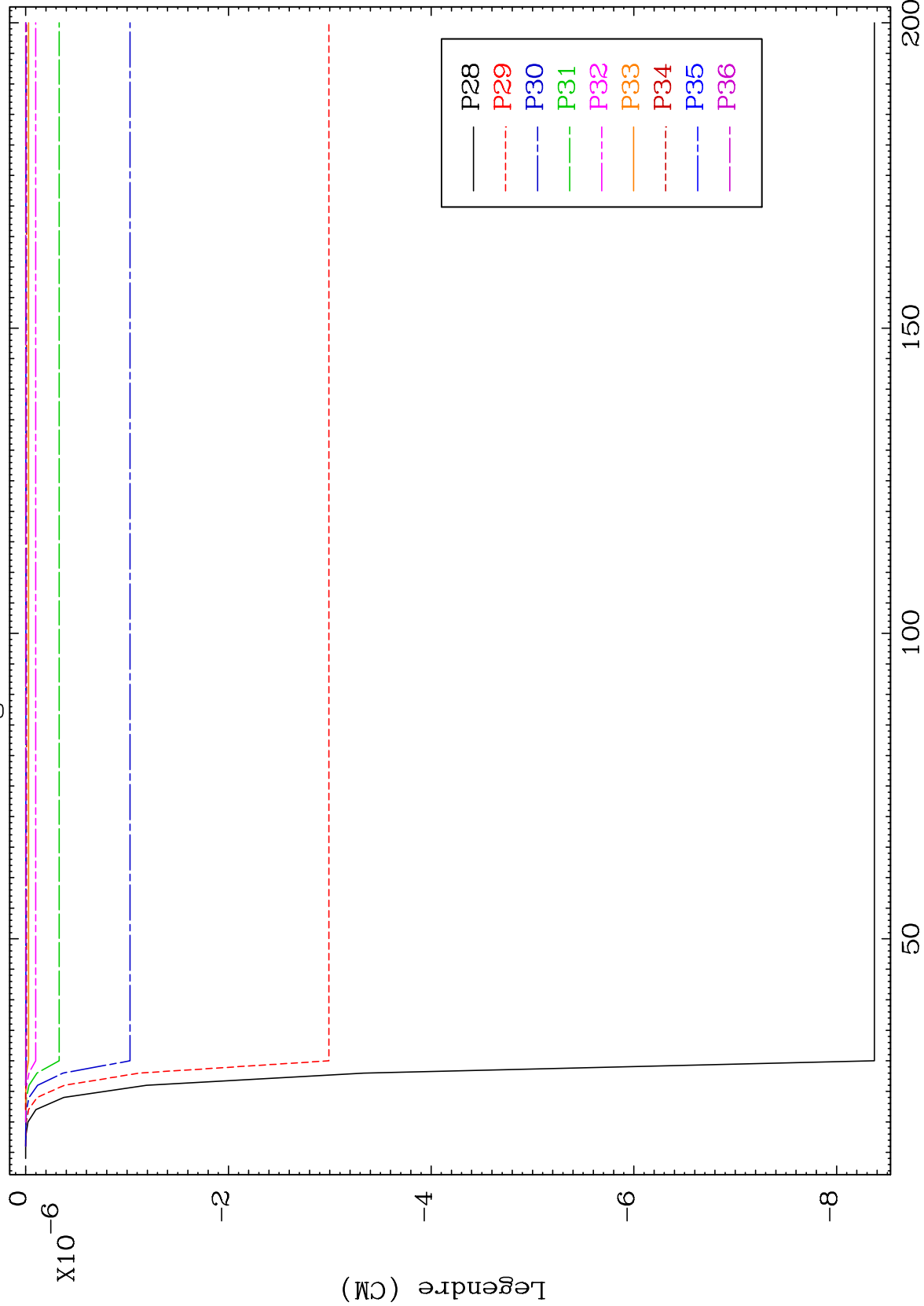
Incident Energy (MeV)

66-Dy-153

MAT 6616

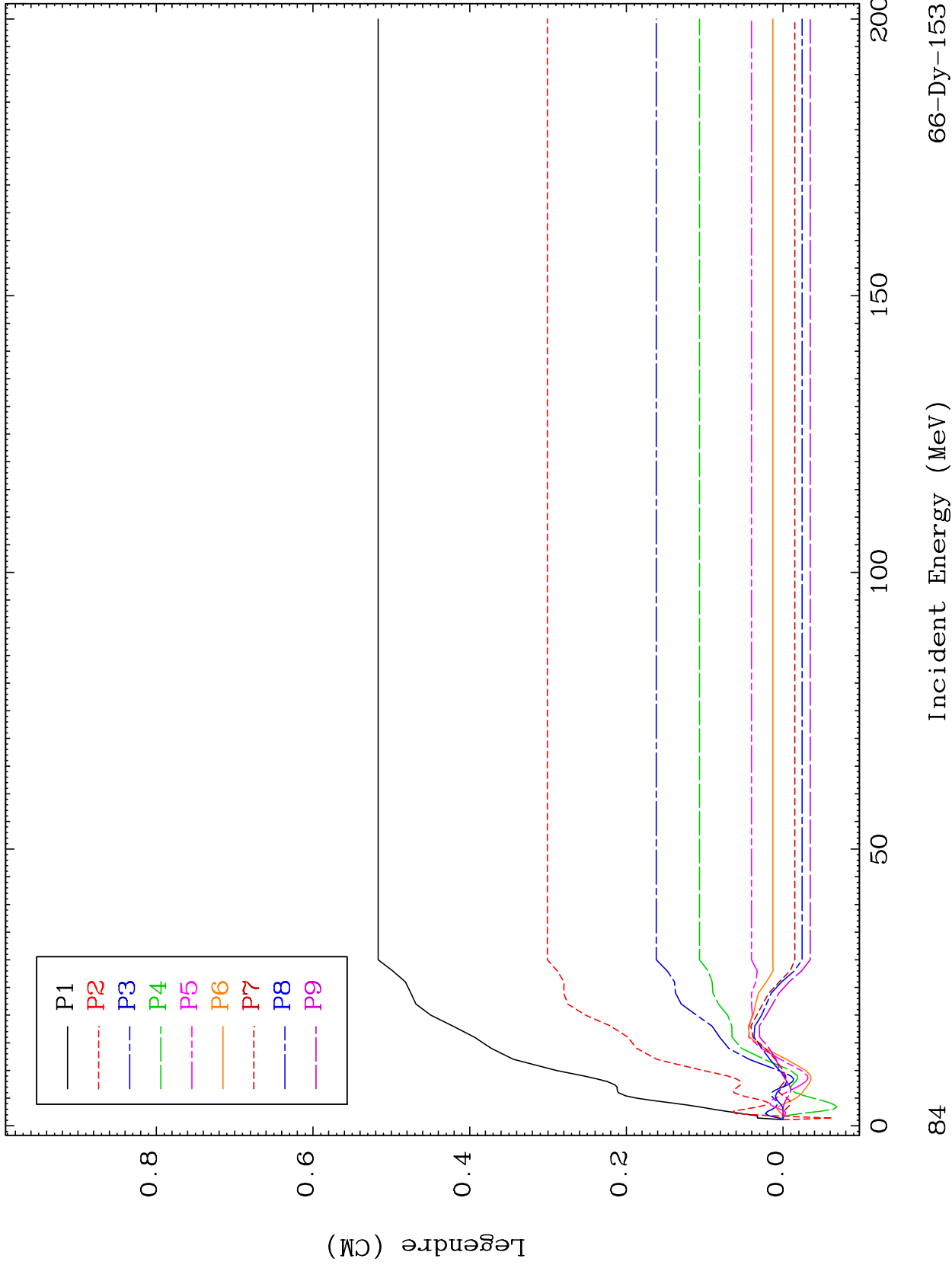
MT= 66 (n,n') Level  
Legendre Coefficients

66-Dy-153



83

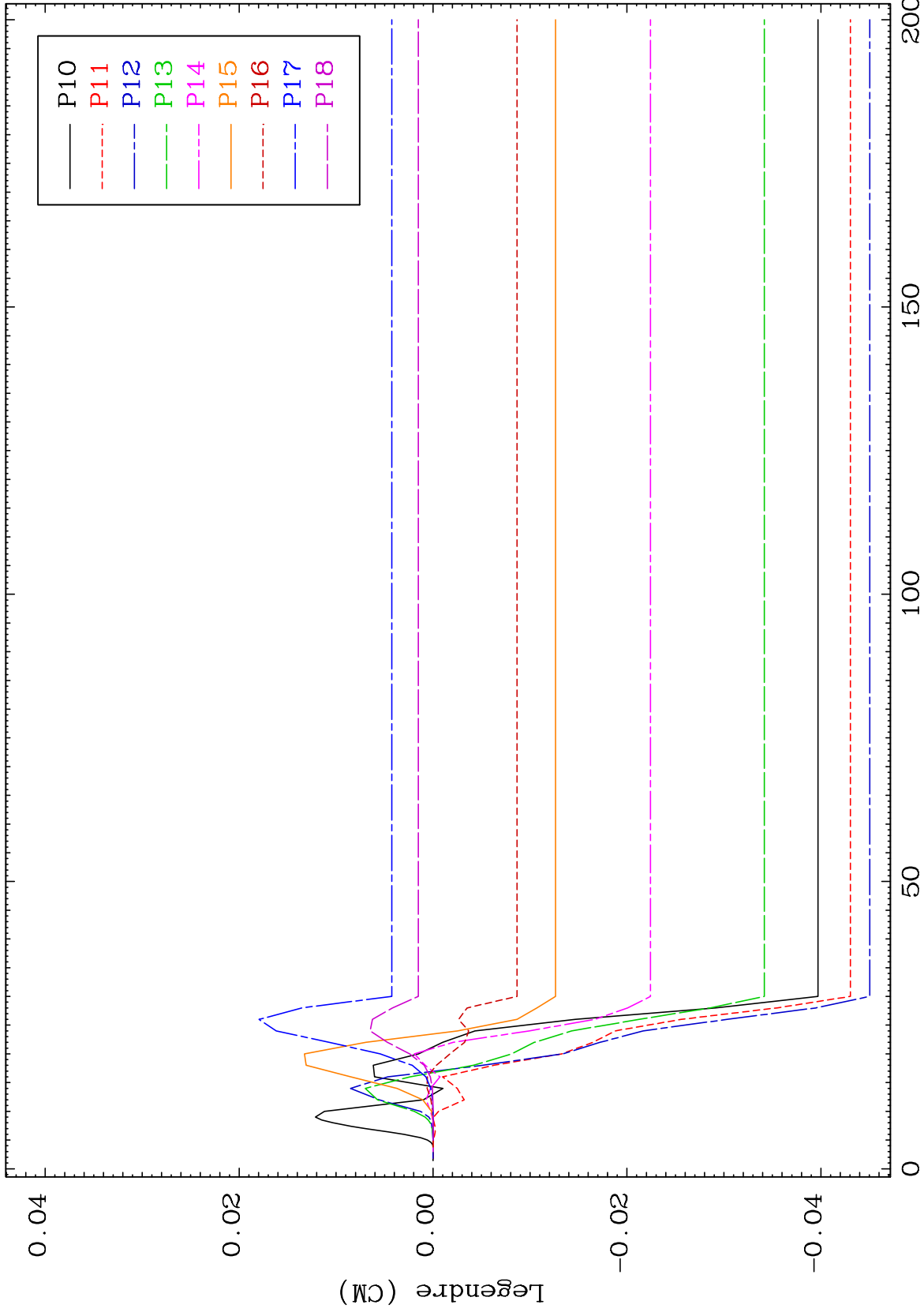
66-Dy-153



MAT 6616

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

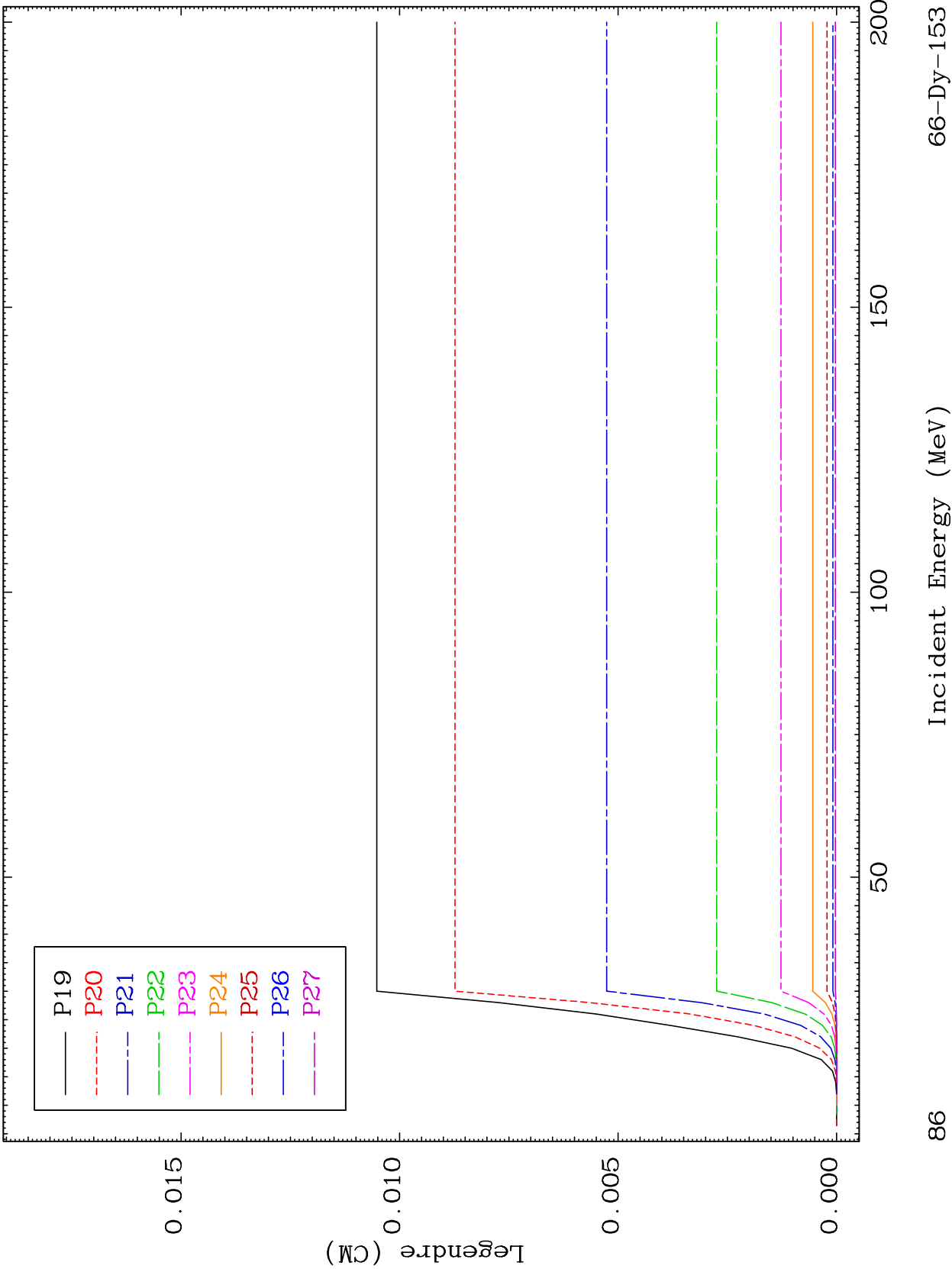
66-Dy-153



85

Incident Energy (MeV)

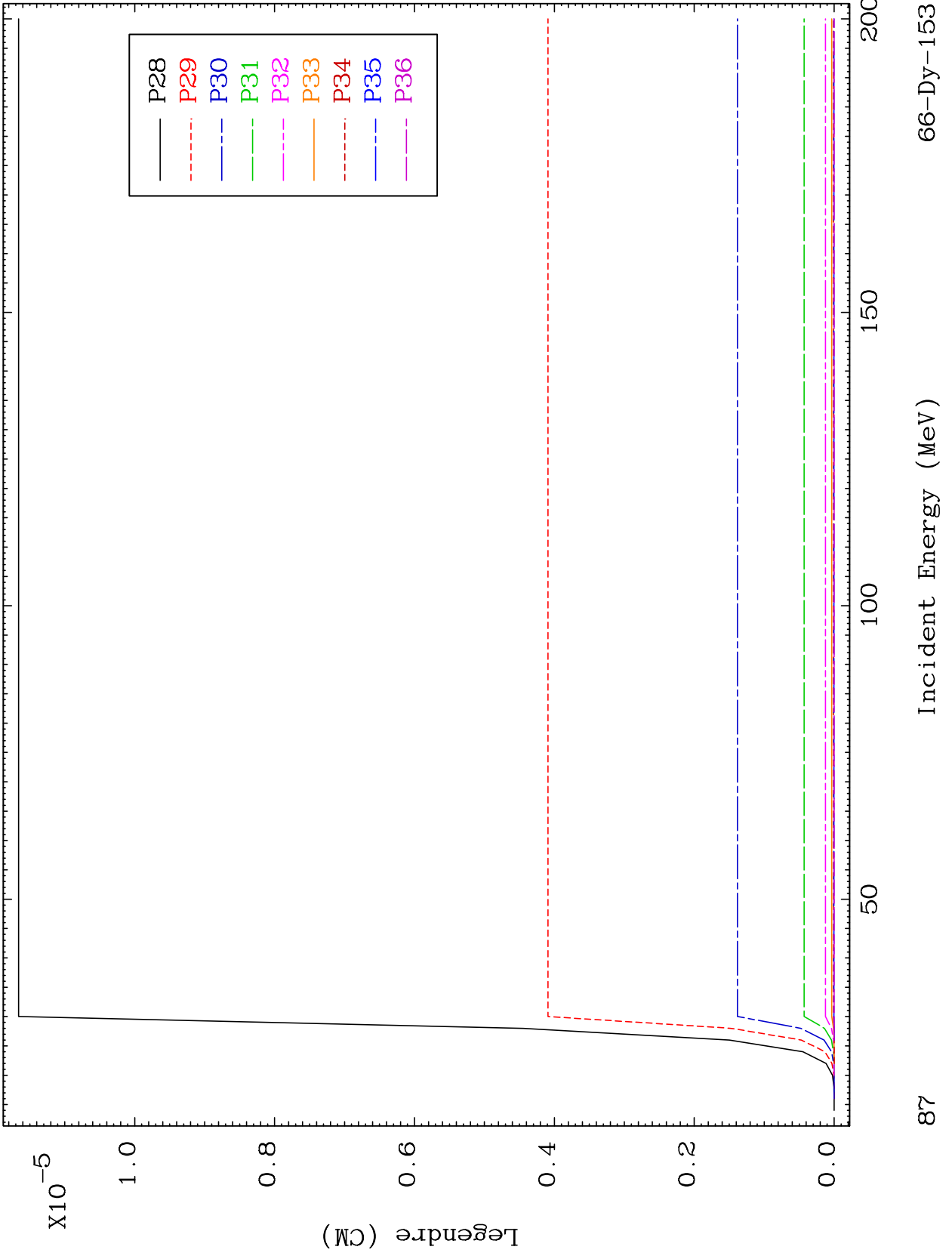
66-Dy-153



MAT 6616

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

66-Dy-153

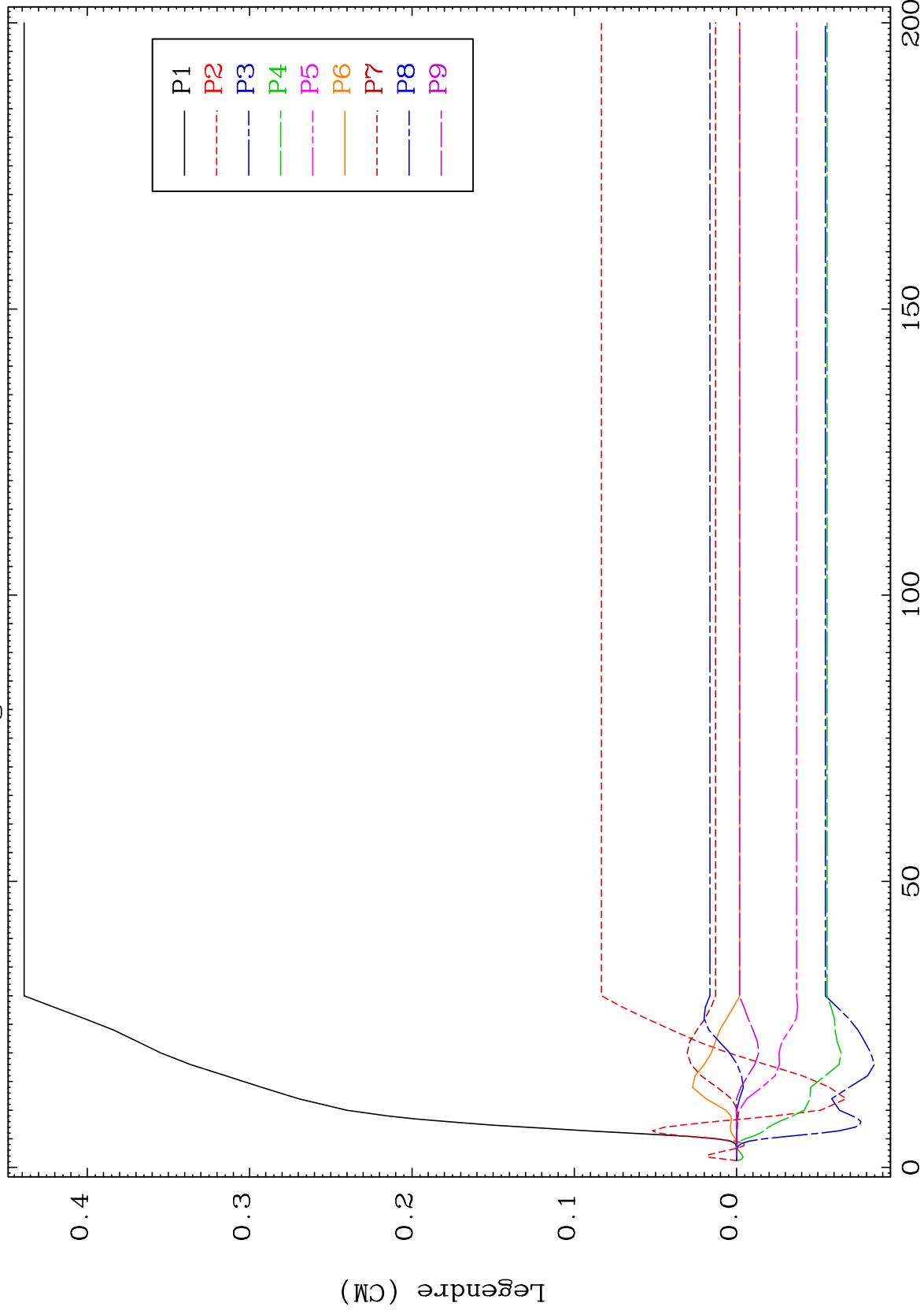




MAT 6616

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

66-Dy-153



88

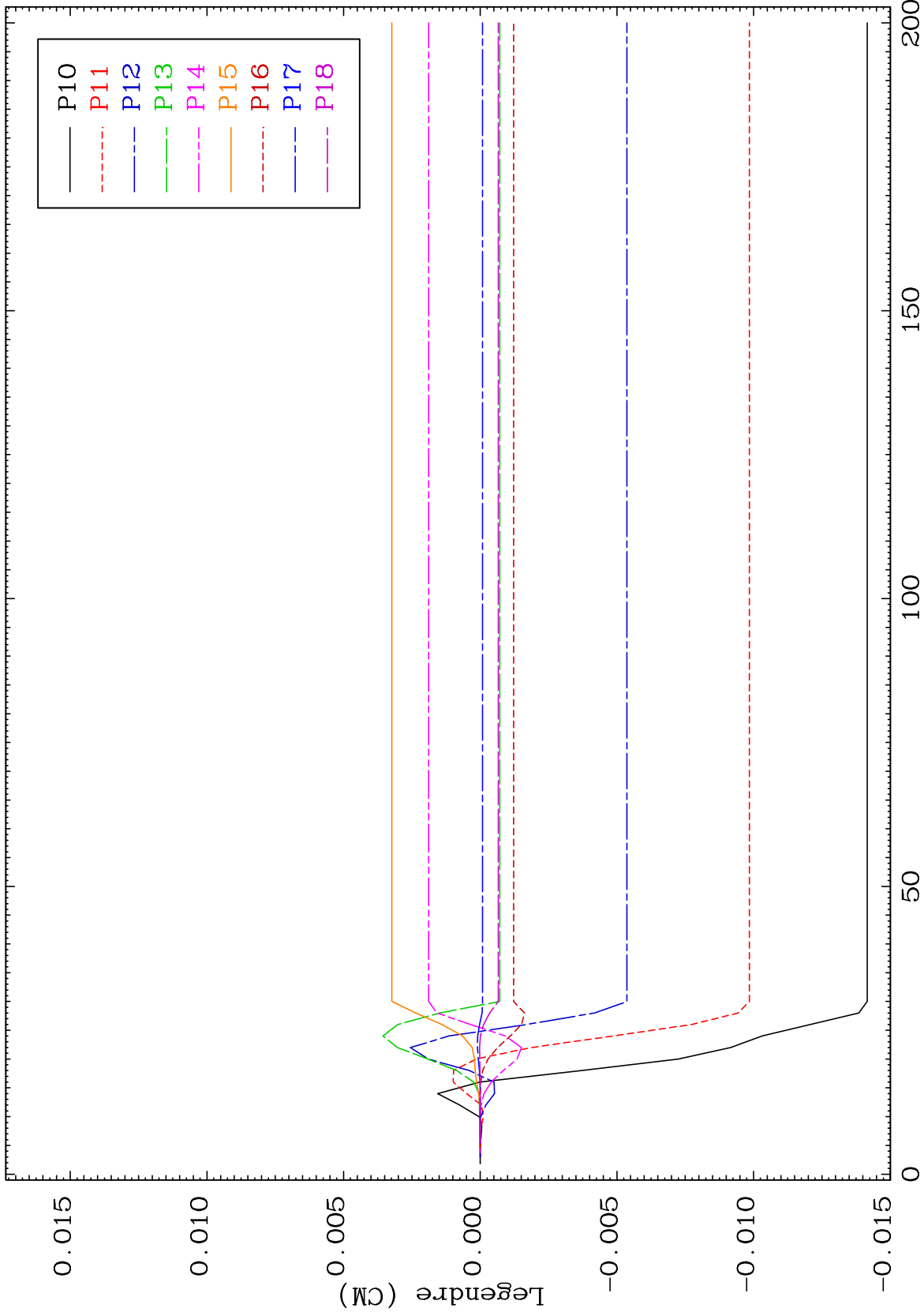
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



89

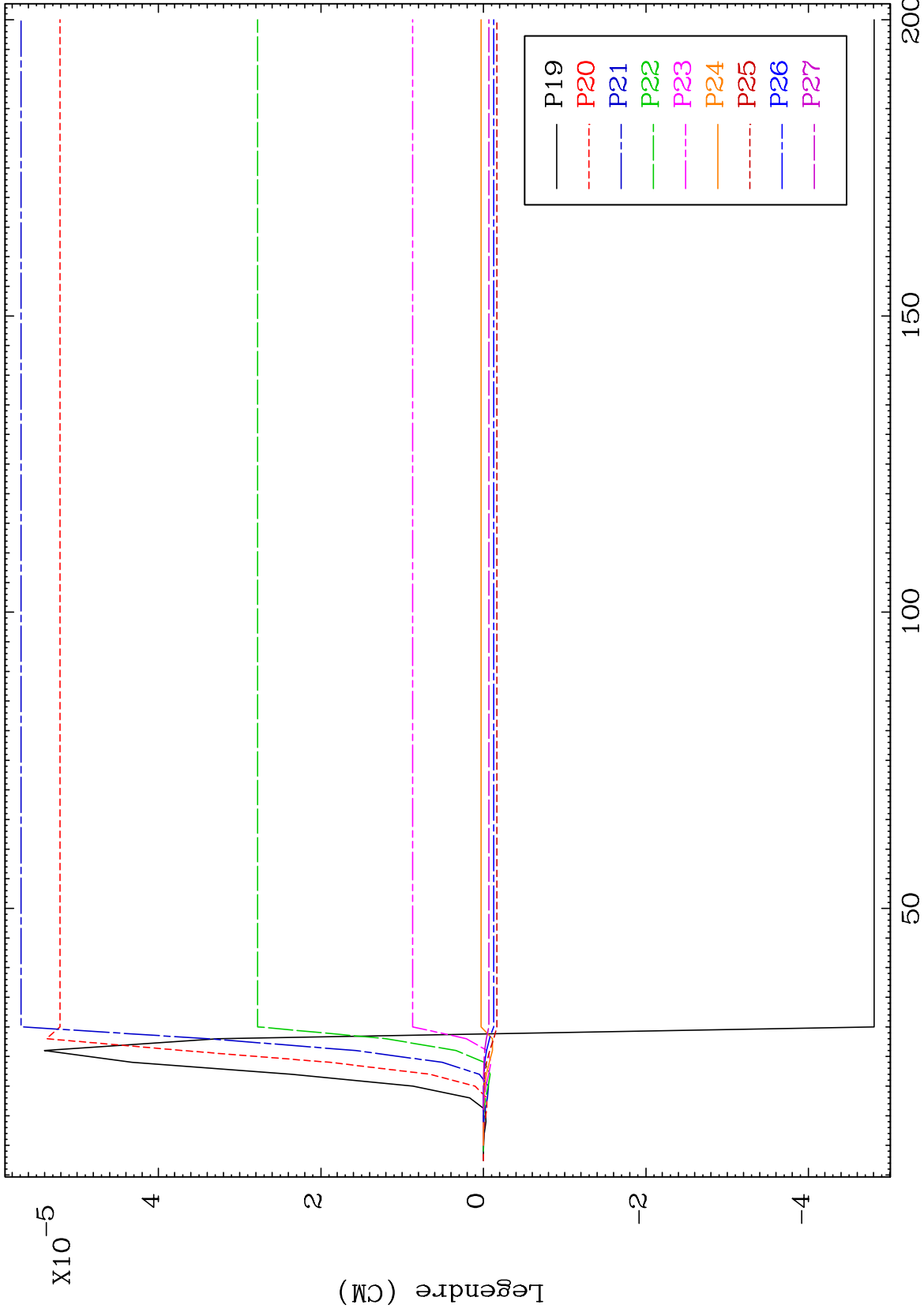
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



90

Incident Energy (MeV)

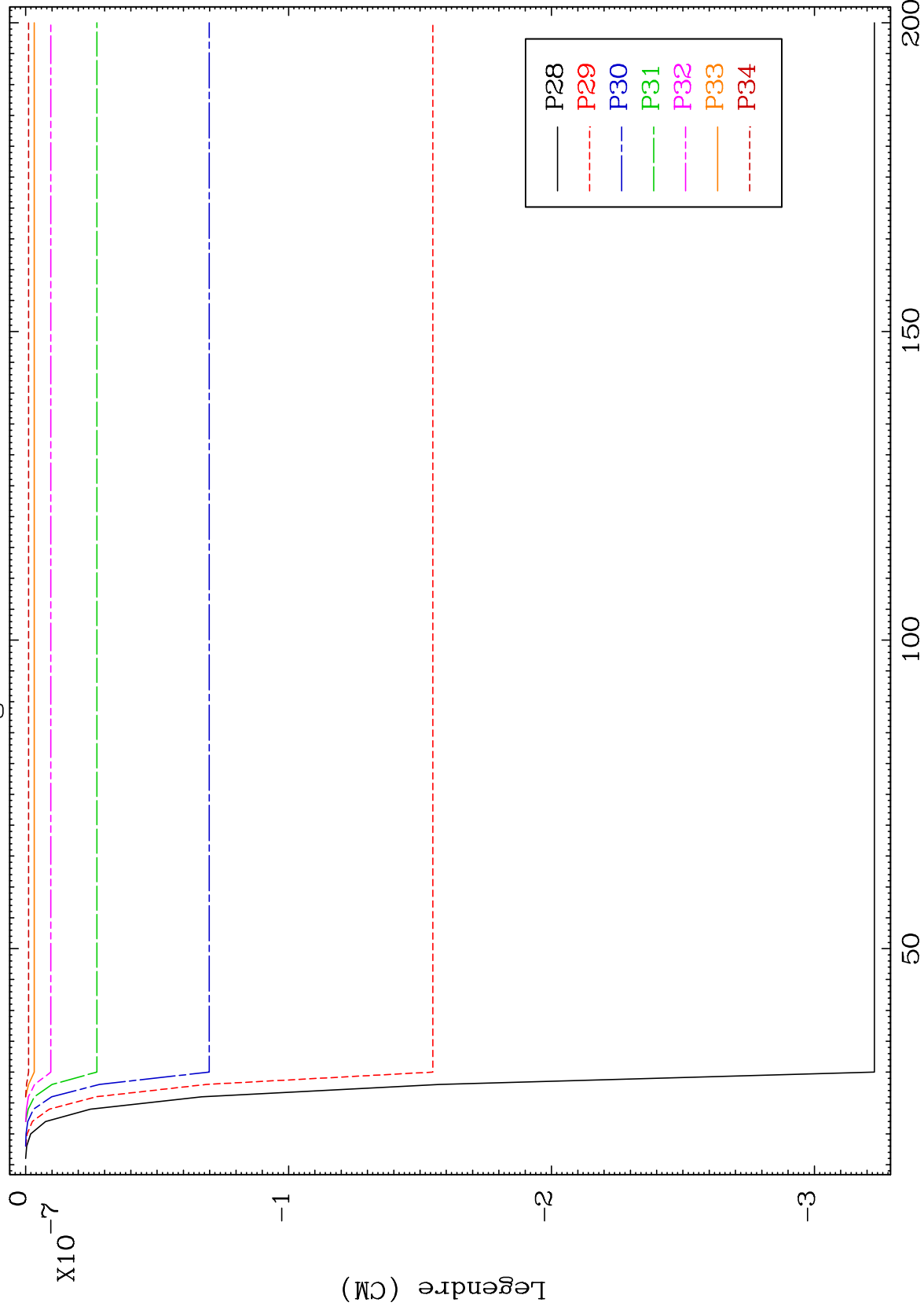
66-Dy-153

MAT 6616

MT= 68 (n,n') Level

66-Dy-153

Legendre Coefficients



66-Dy-153

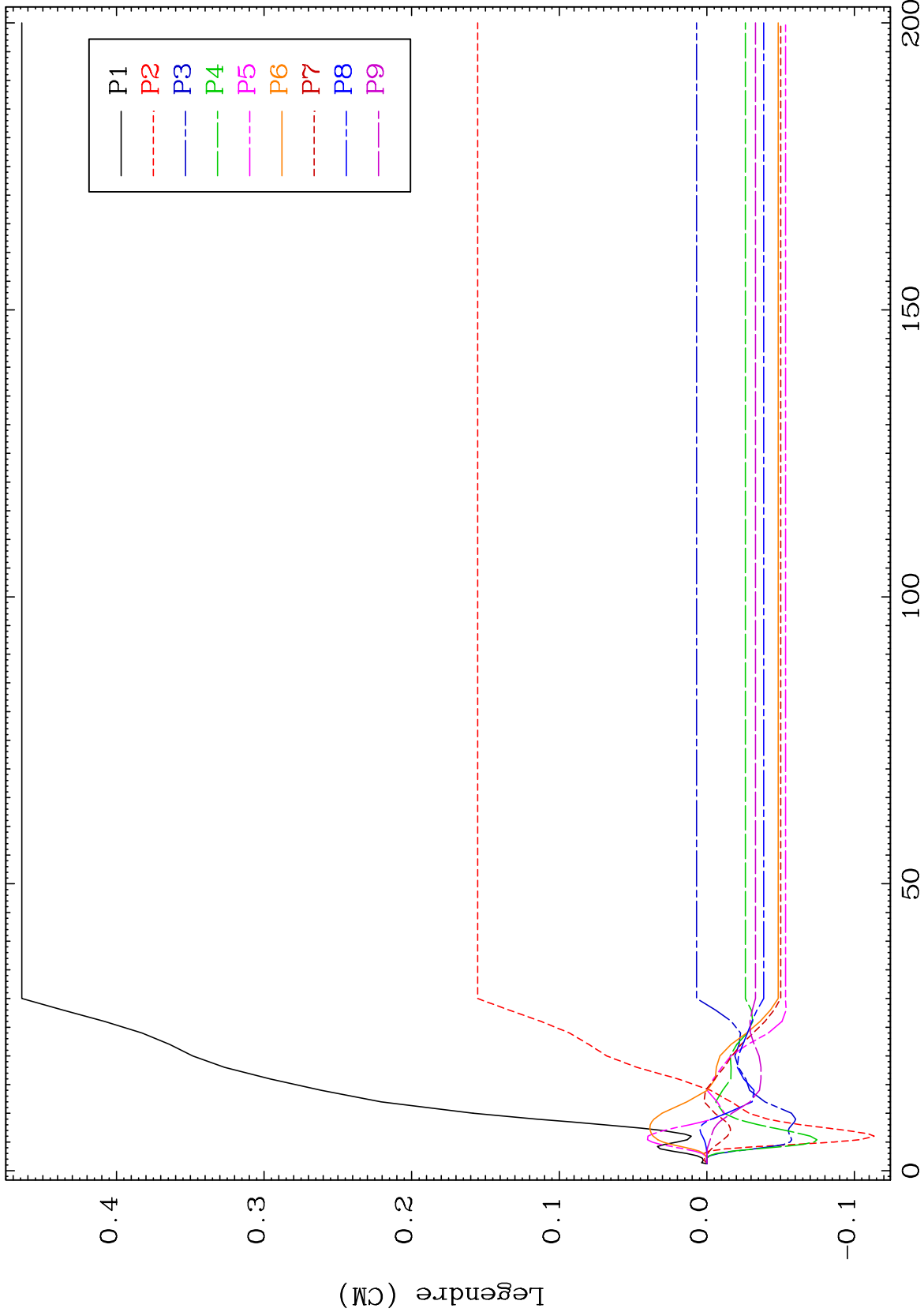
Incident Energy (MeV)

91

MAT 6616

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

66-Dy-153



92

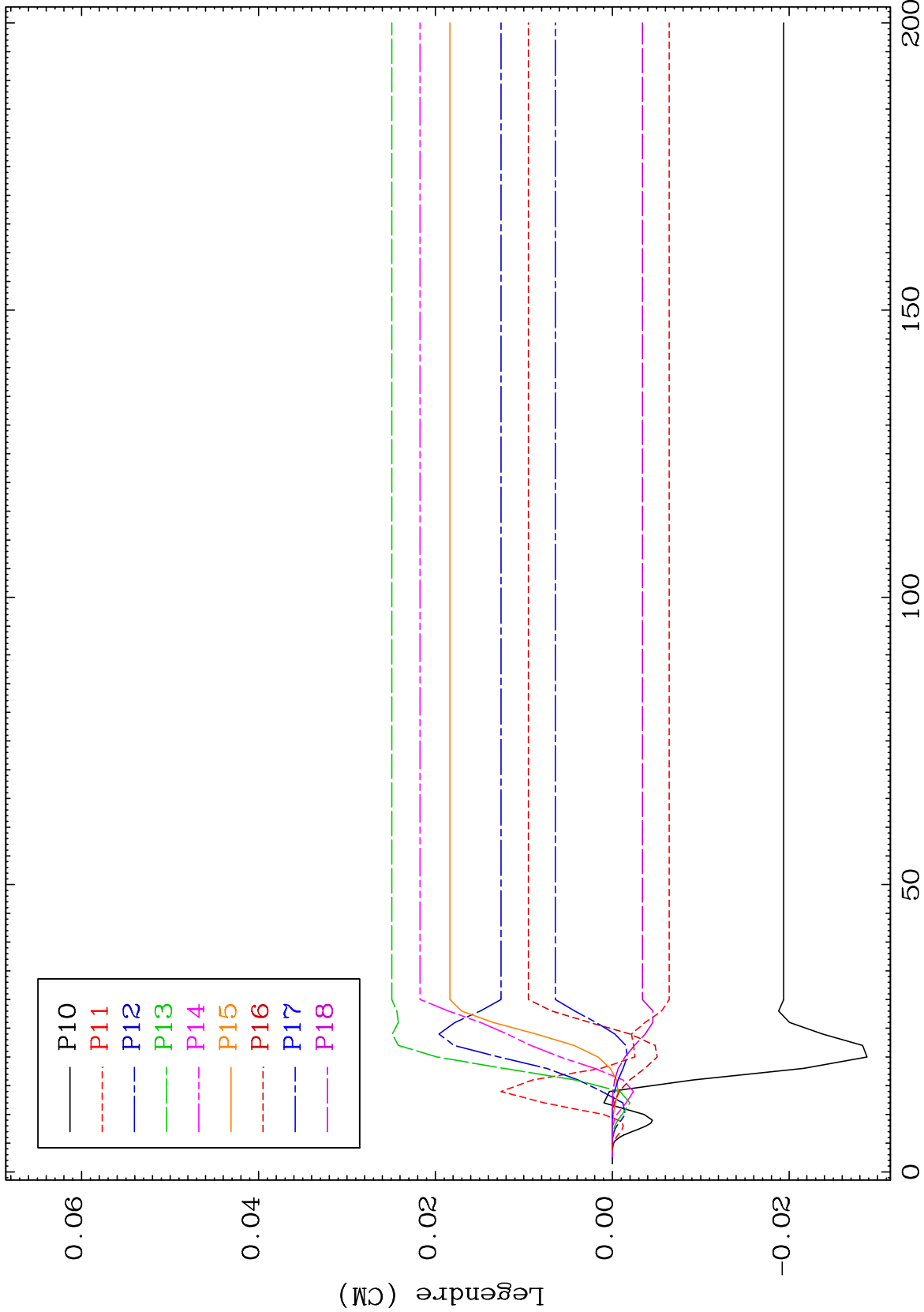
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



93

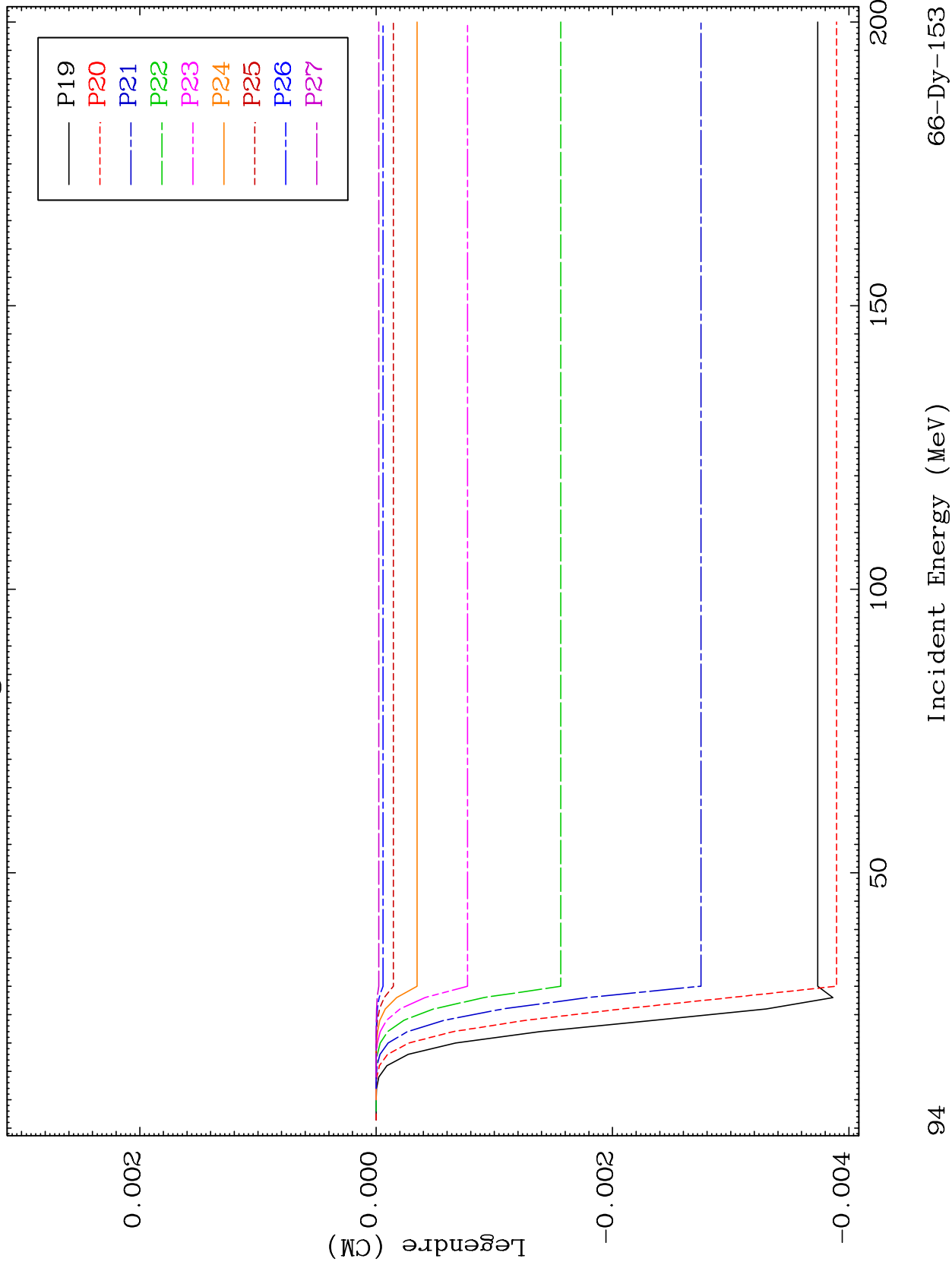
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



94

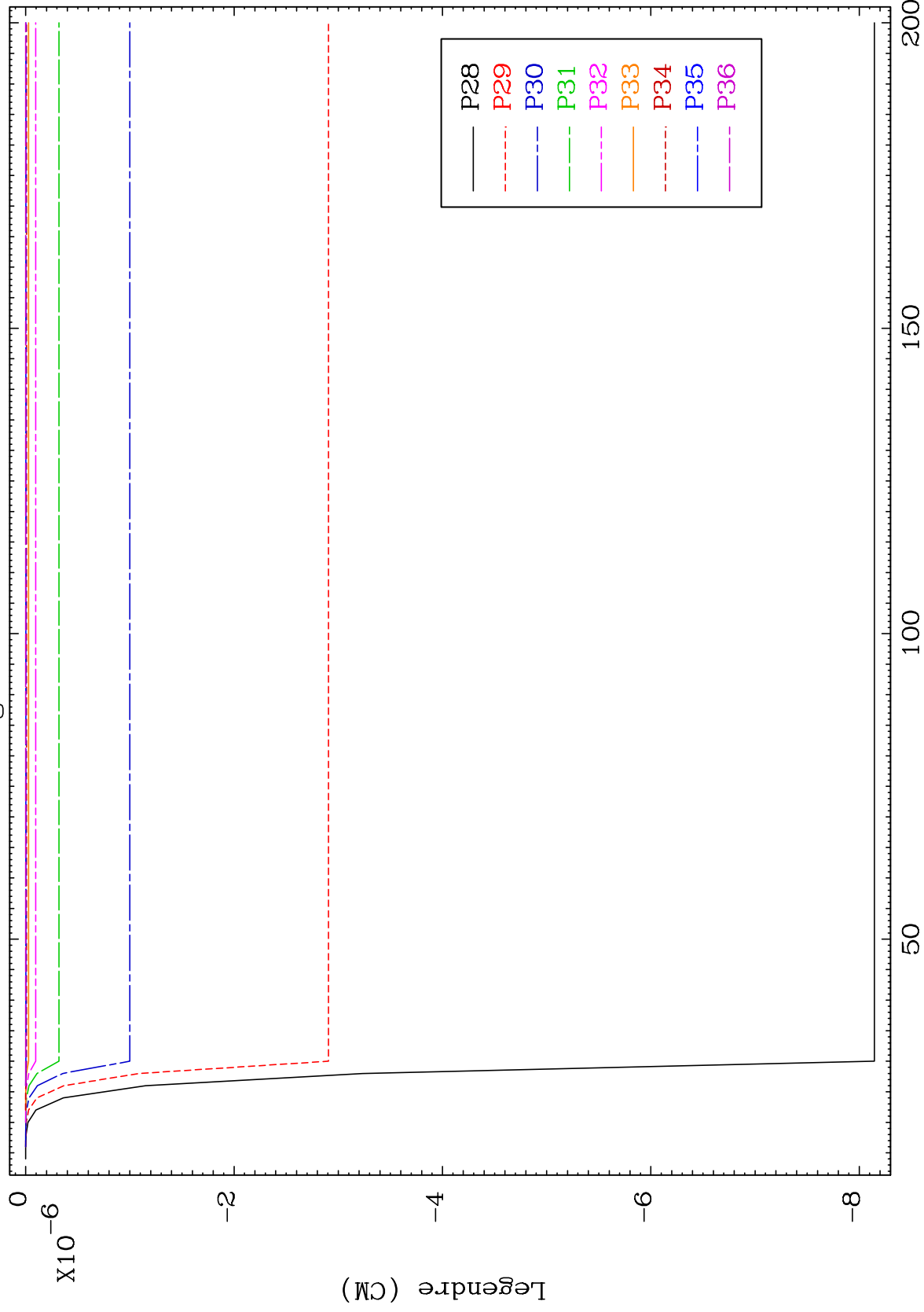
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



95

Incident Energy (MeV)

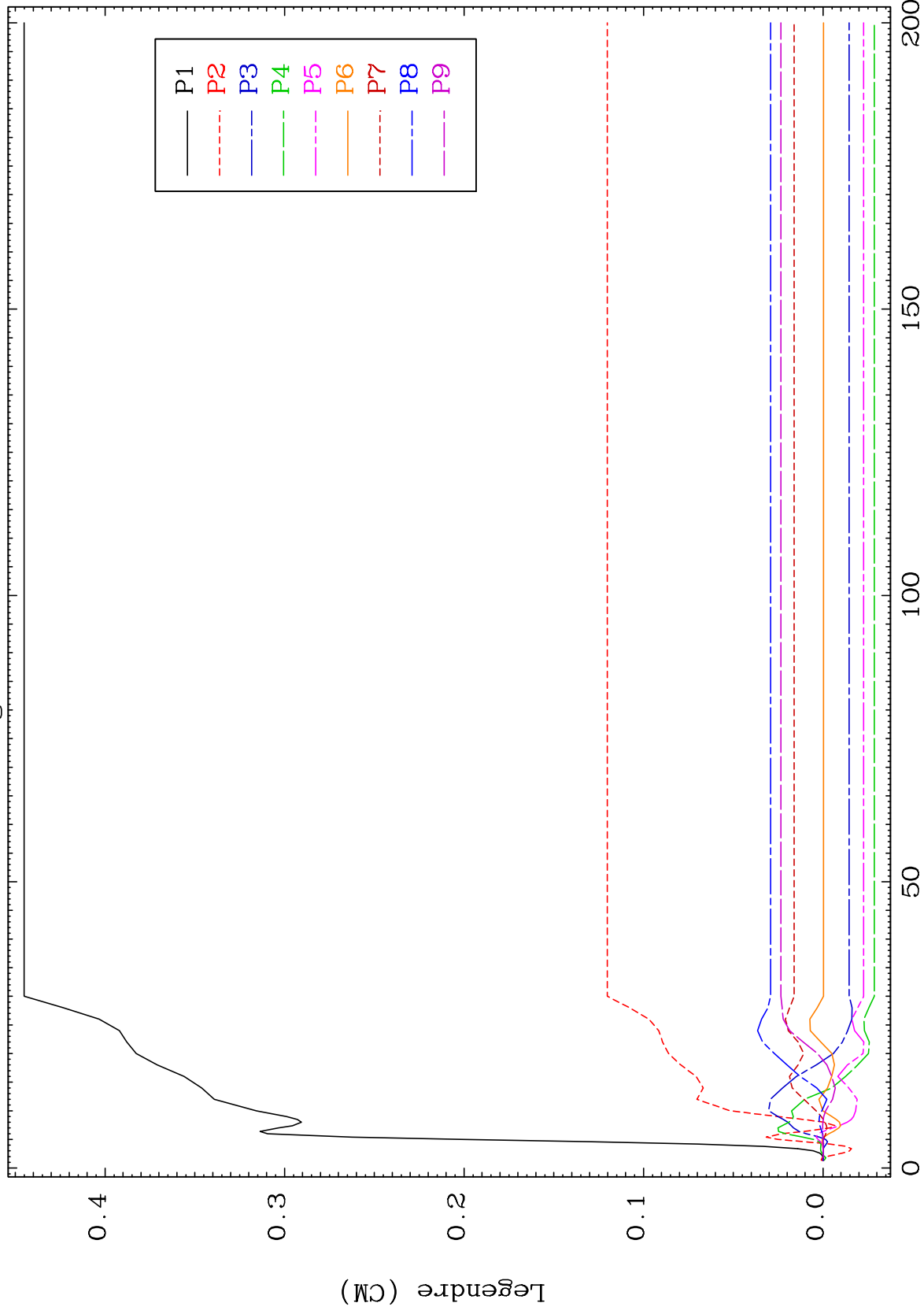
66-Dy-153



MAT 6616

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

66-Dy-153



96

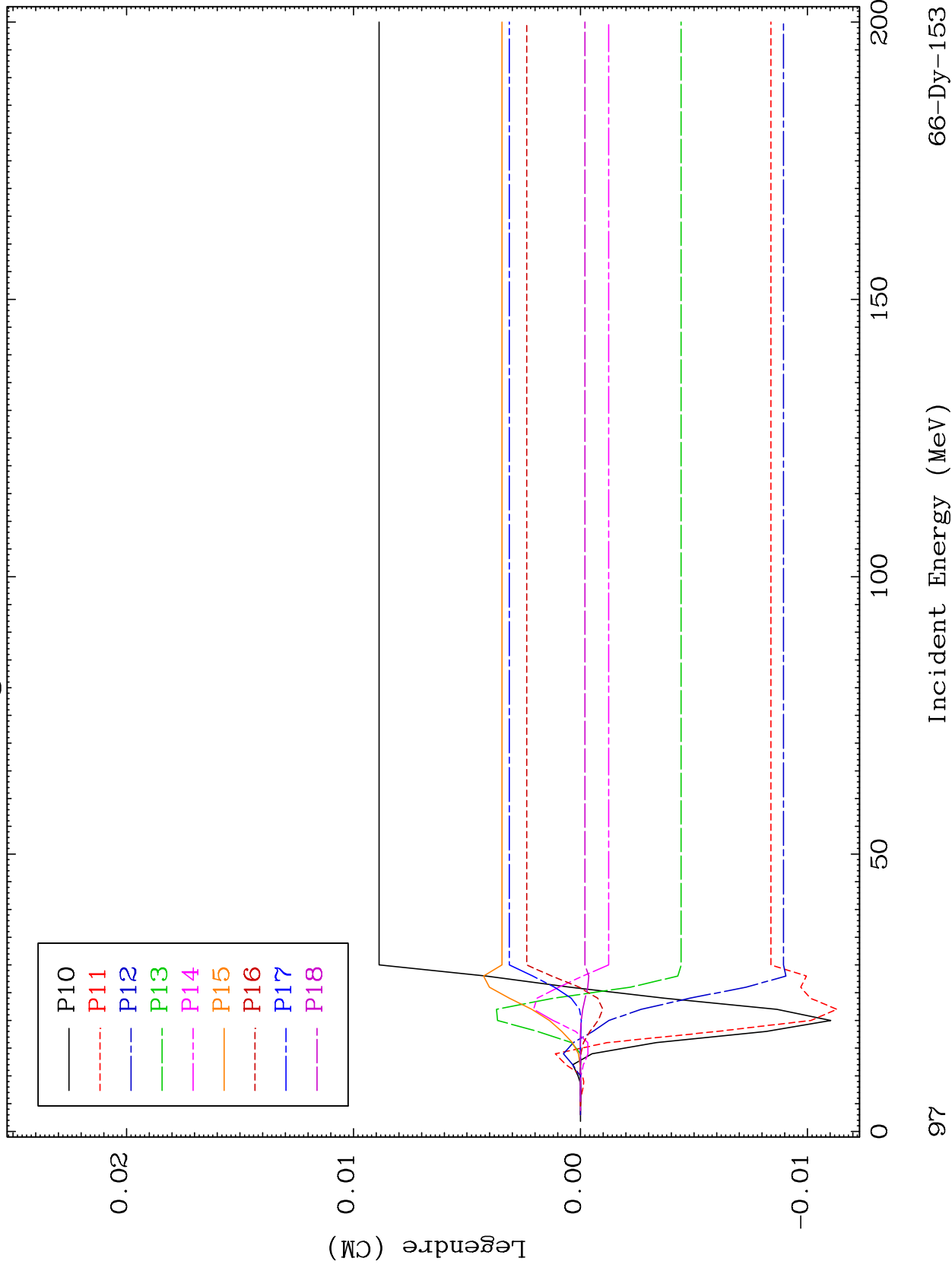
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

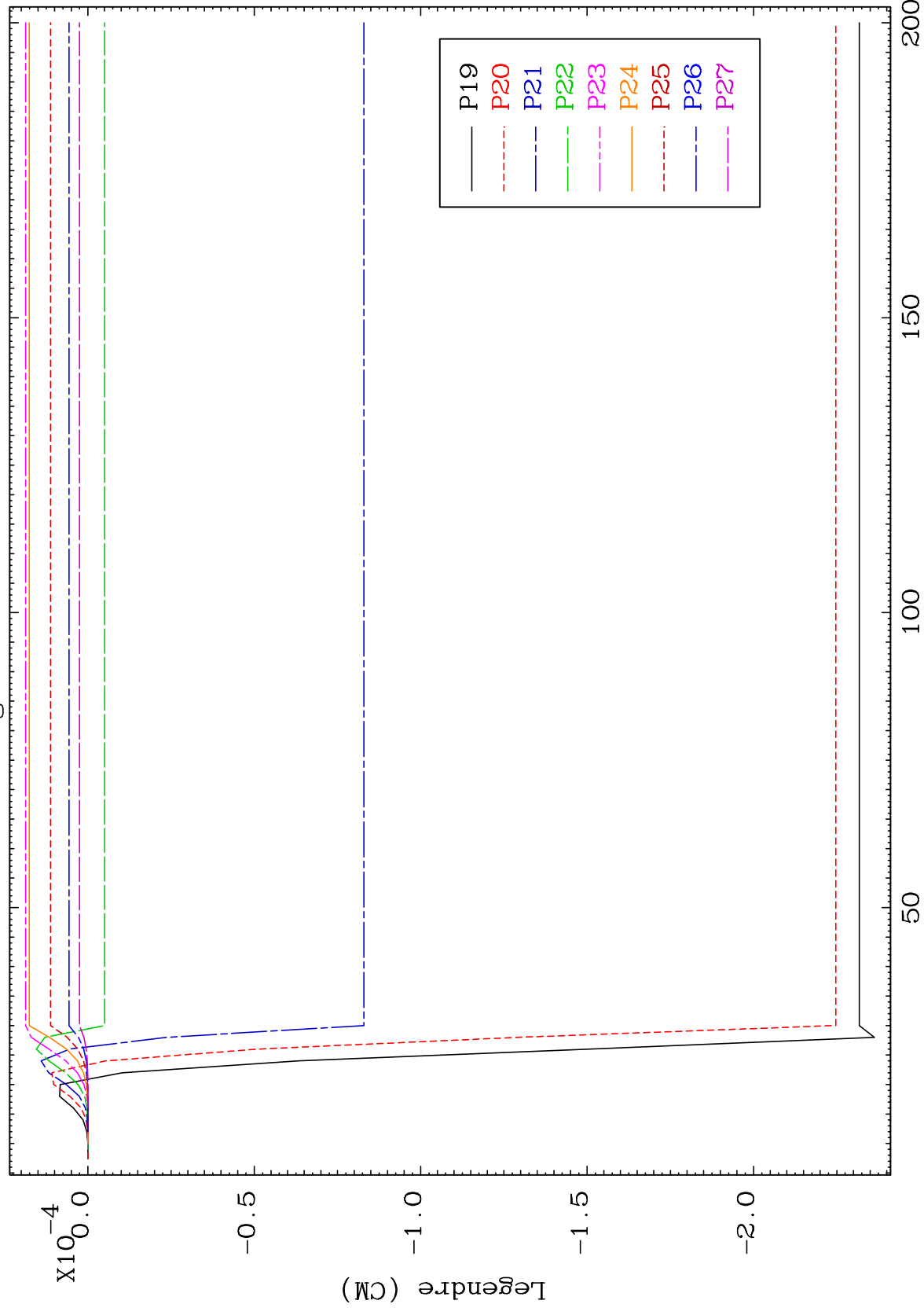
66-Dy-153



97

Incident Energy (MeV)

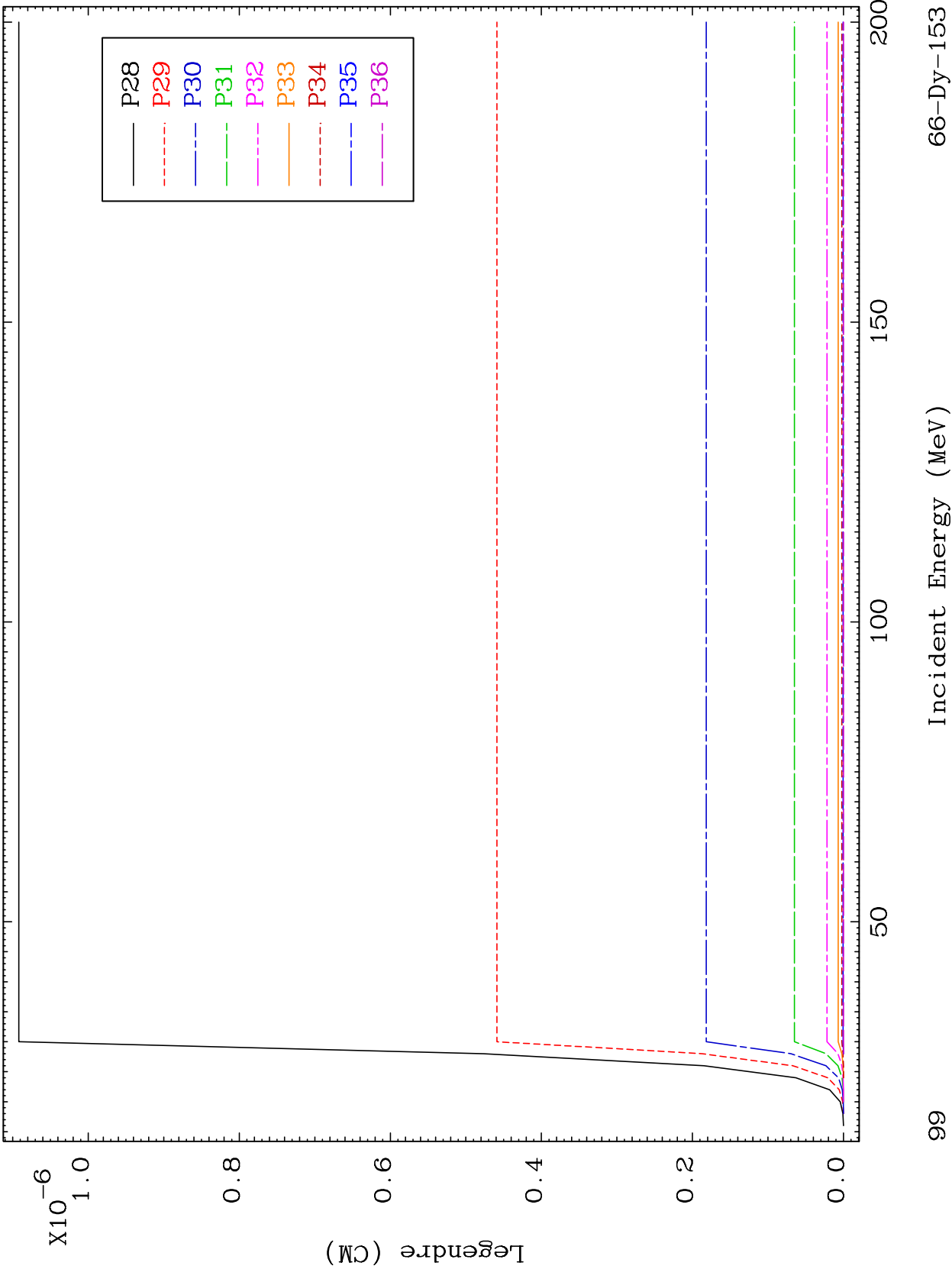
66-Dy-153



MAT 6616

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

66-Dy-153



99

Incident Energy (MeV)

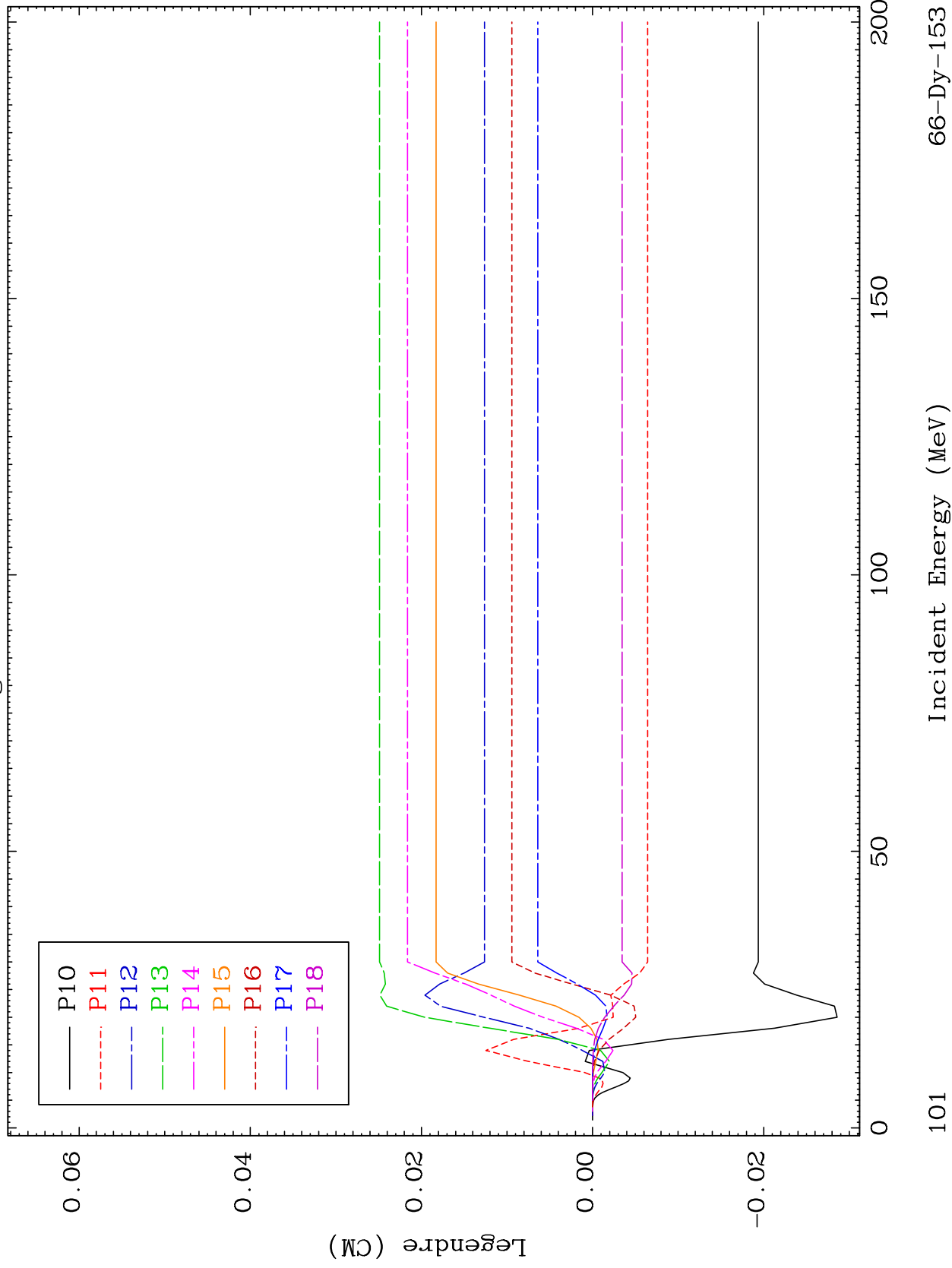
66-Dy-153



MAT 6616

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

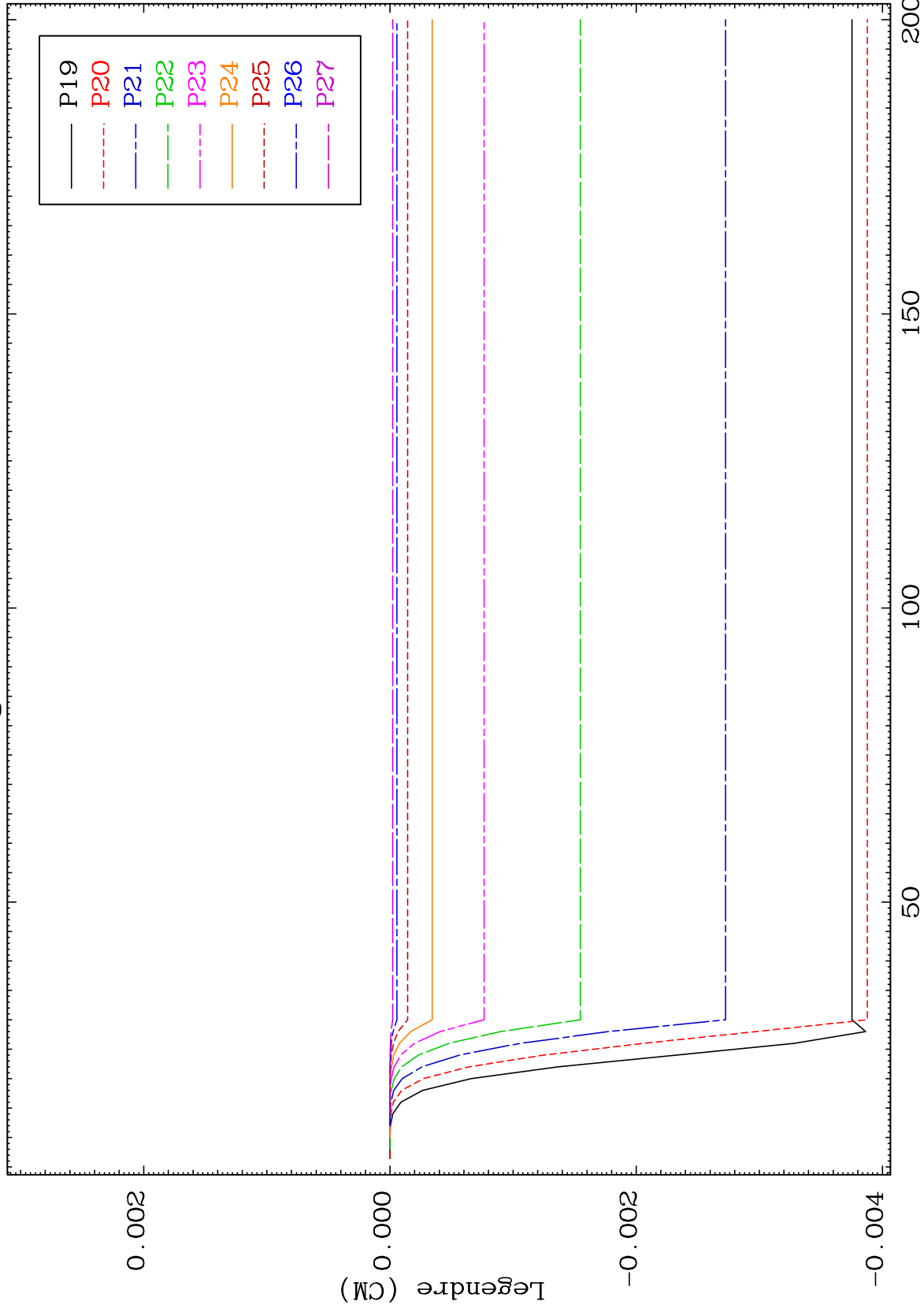
66-Dy-153



MAT 6616

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

66-Dy-153



102

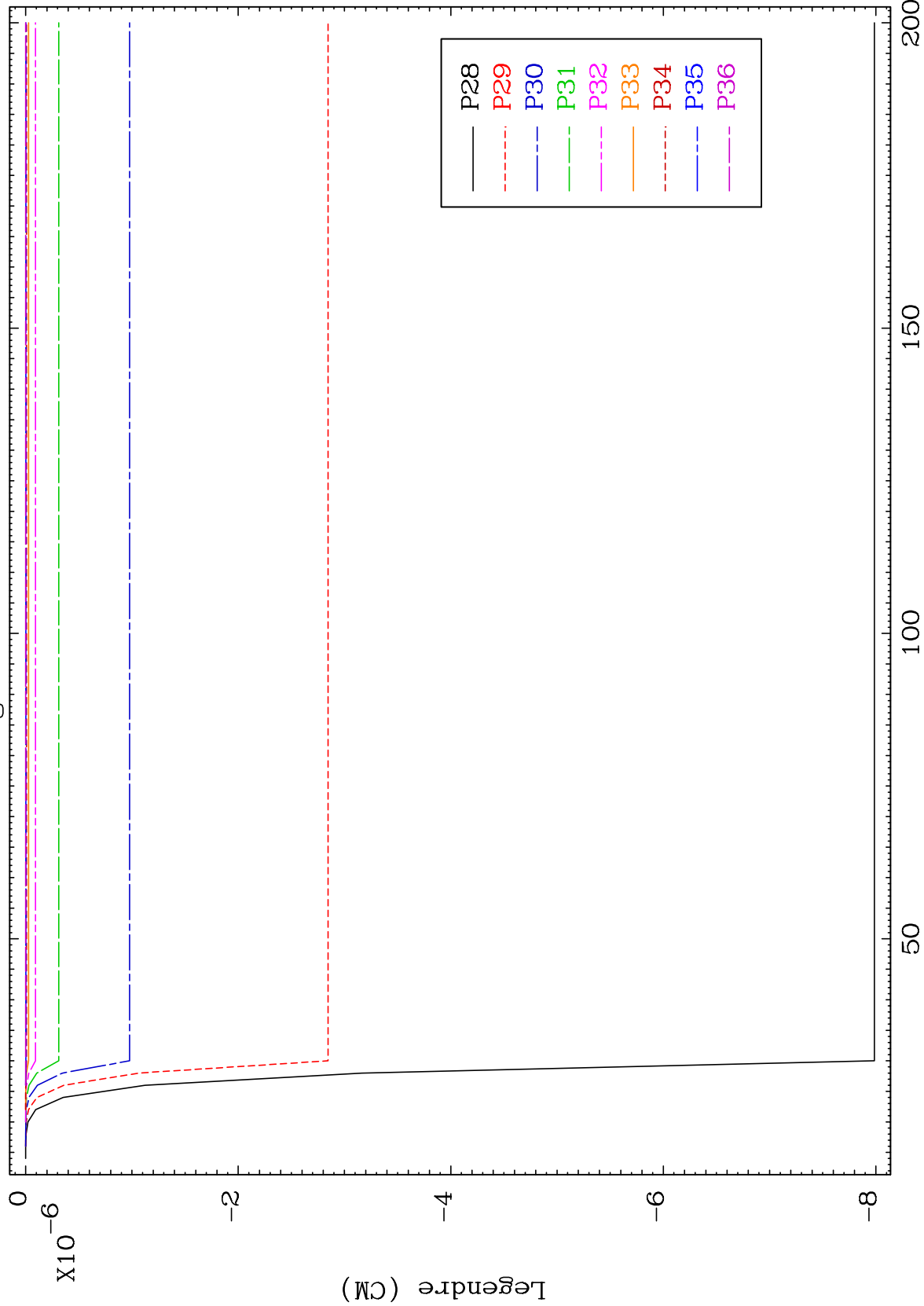
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



103

Incident Energy (MeV)

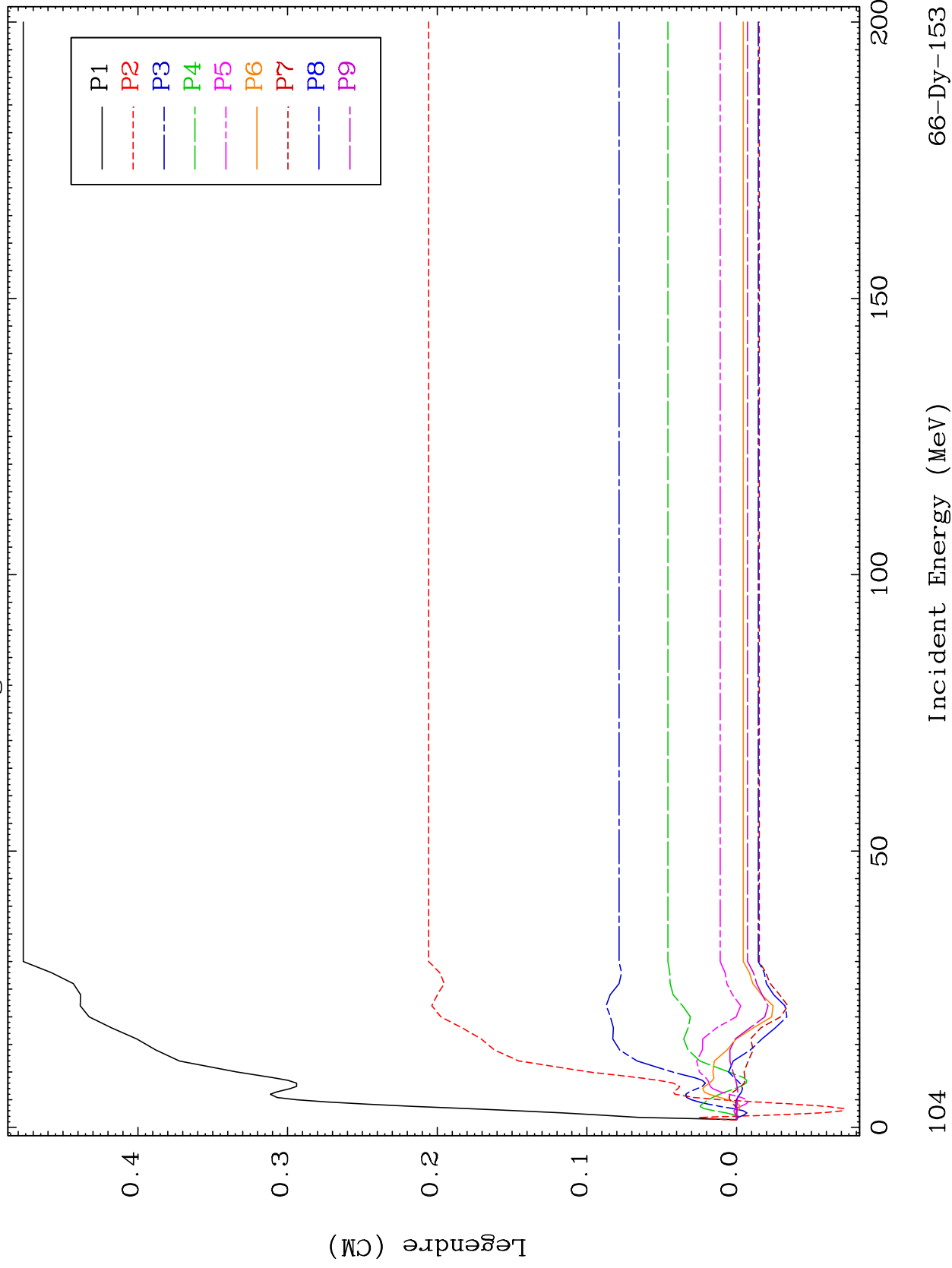
66-Dy-153



MAT 6616

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

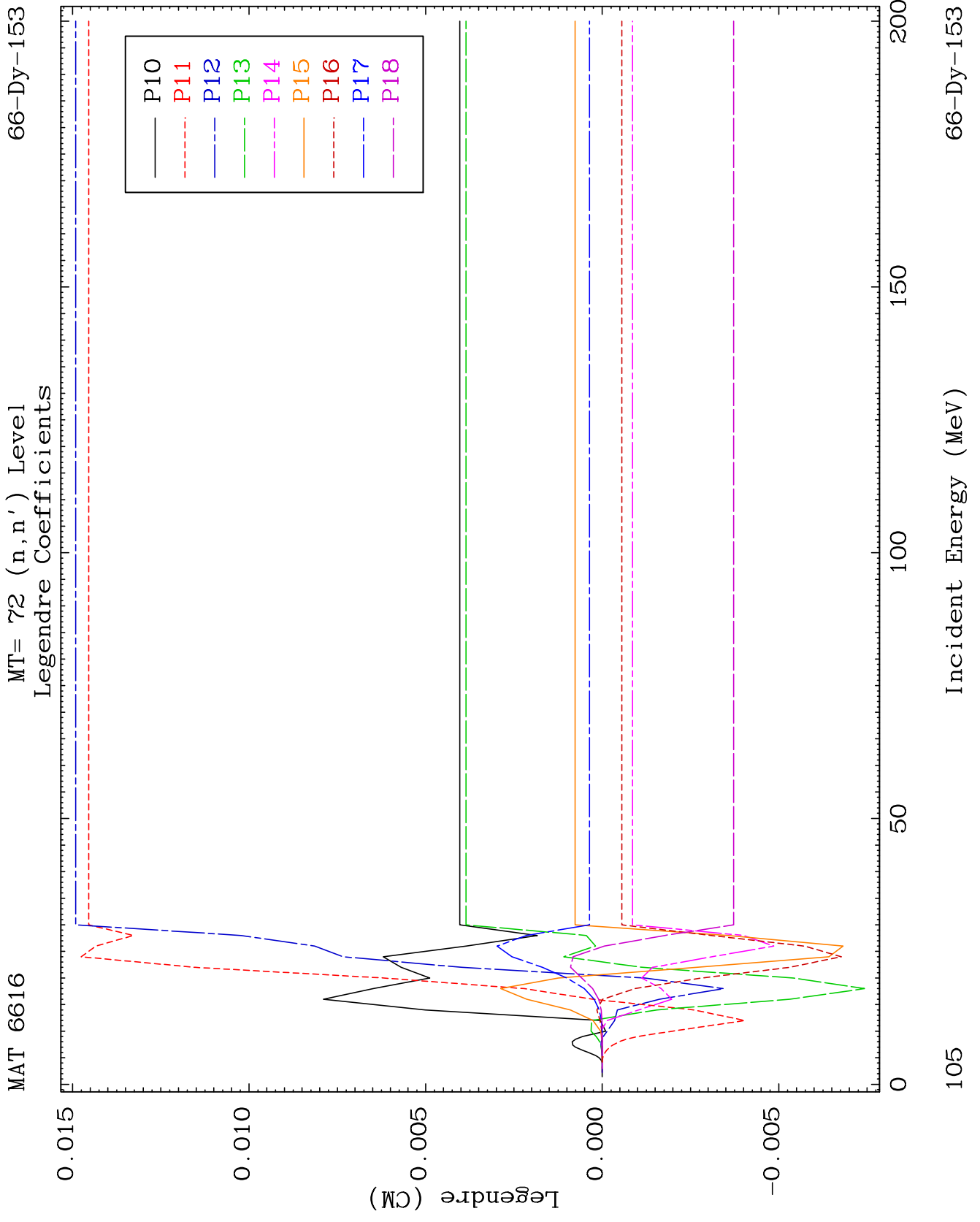
66-Dy-153



66-Dy-153

Incident Energy (MeV)

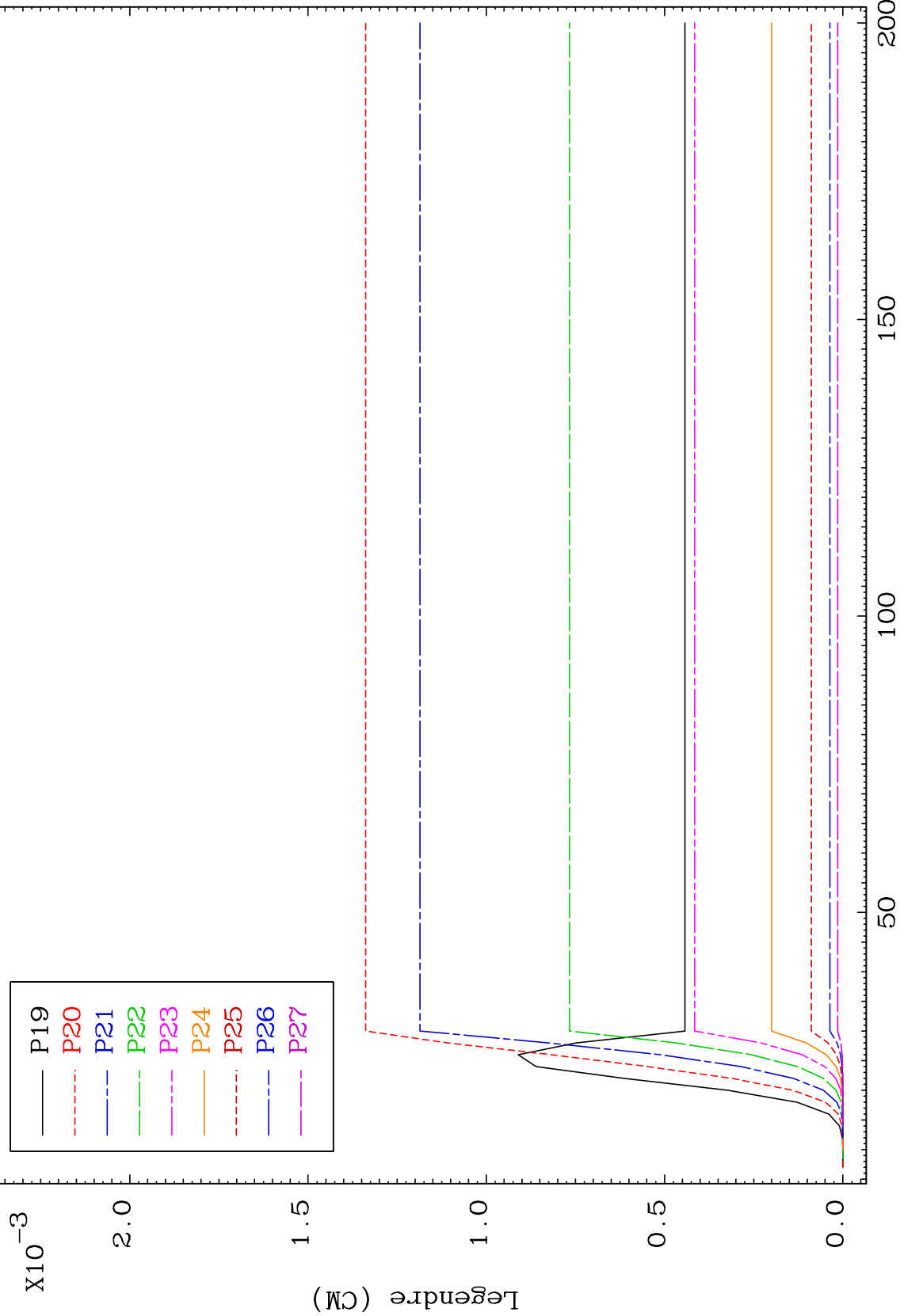
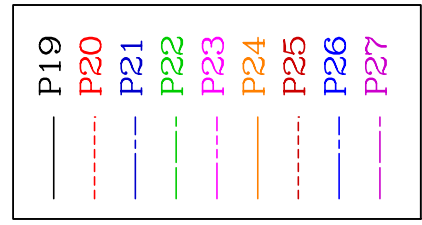
104



MAT 6616

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

66-Dy-153



106

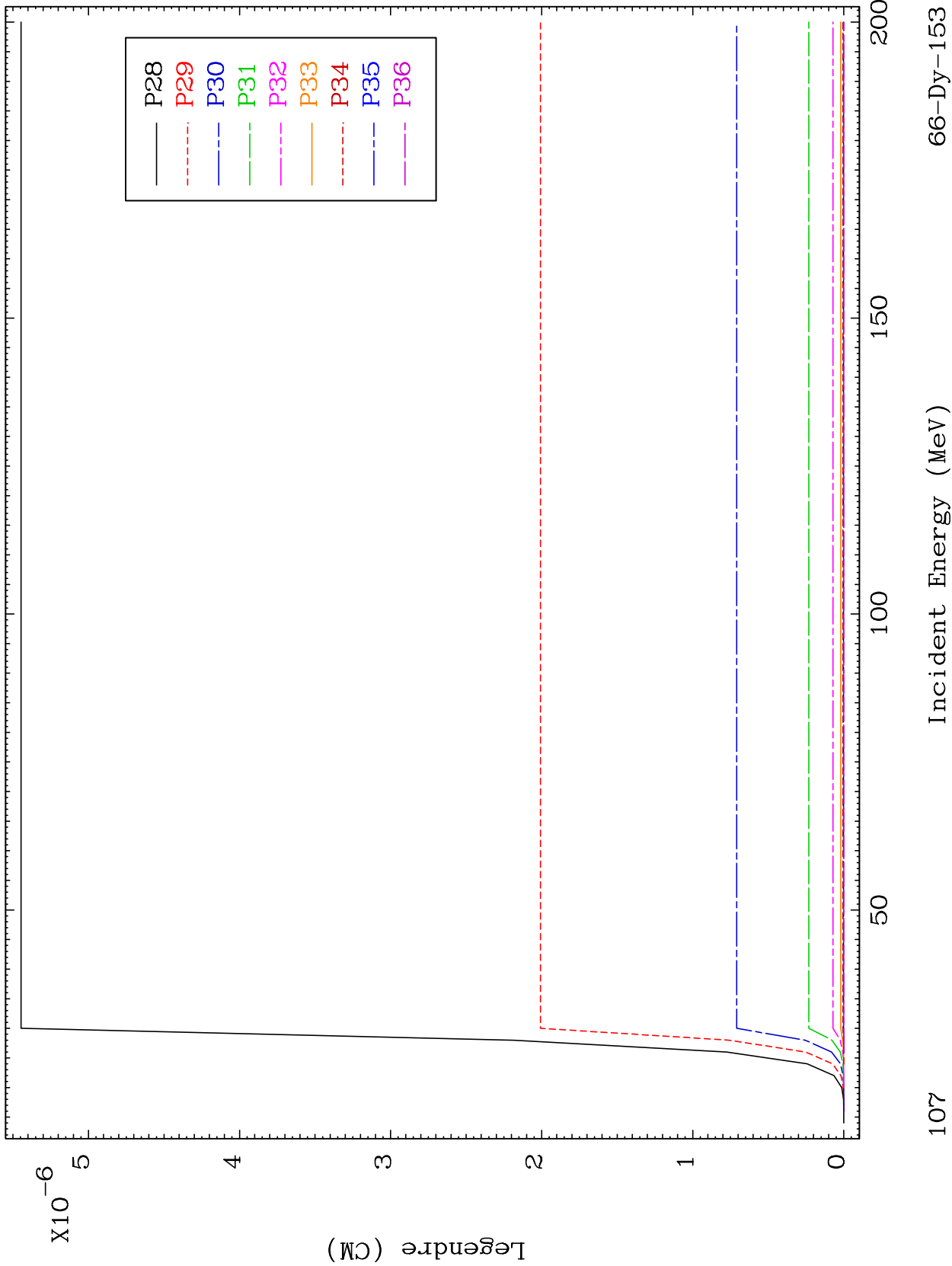
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



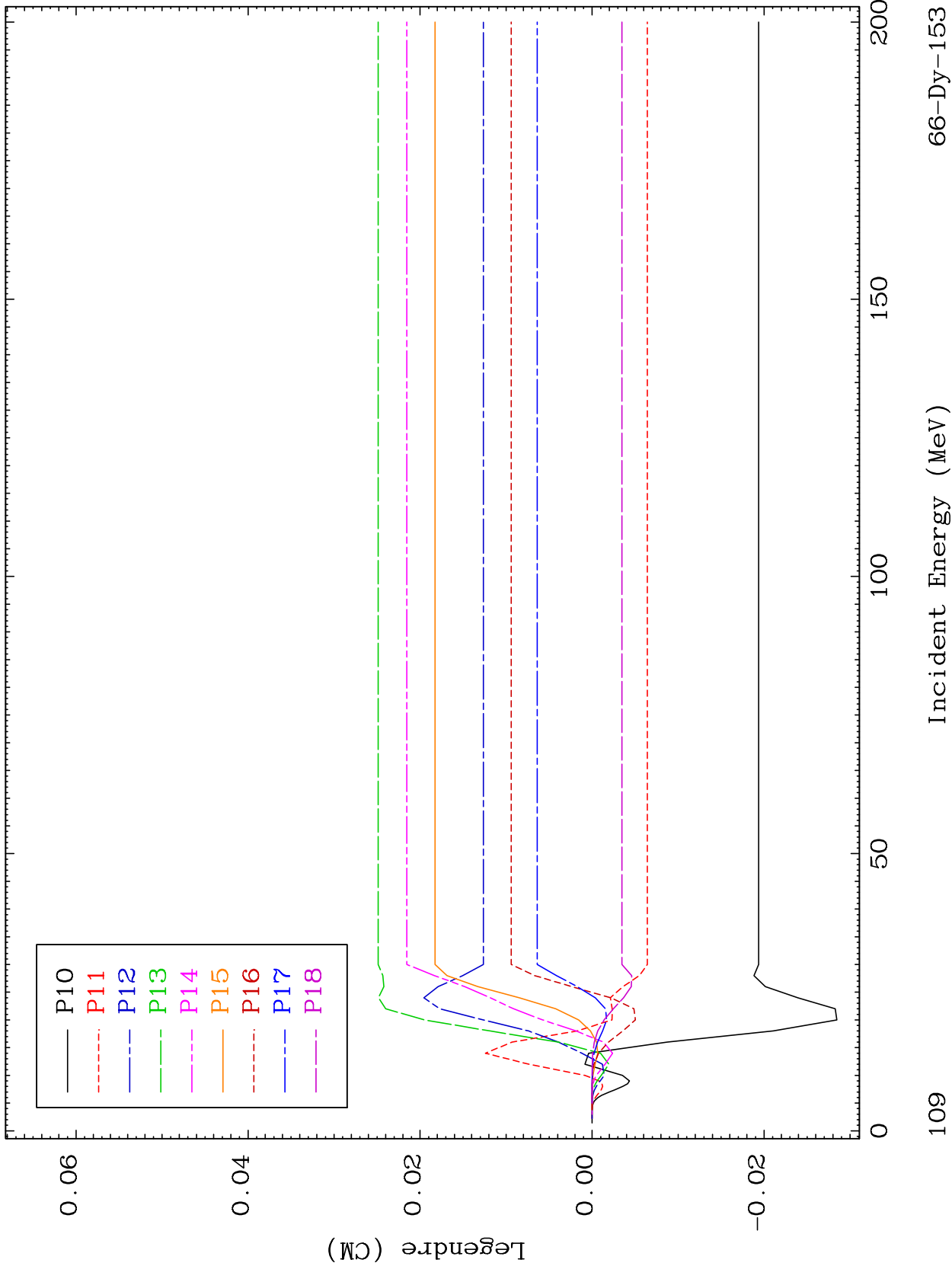
107



MAT 6616

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

66-Dy-153



109

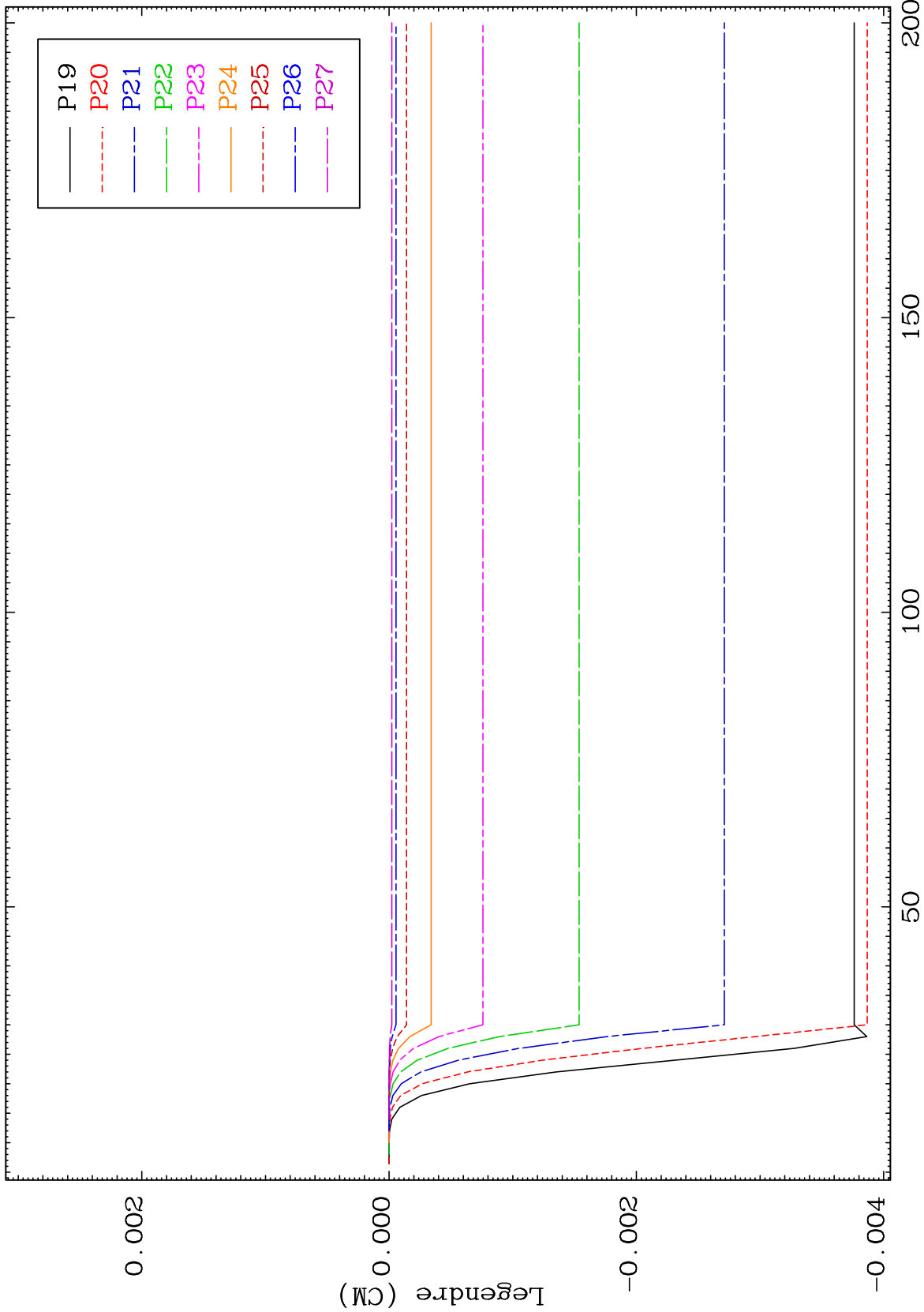
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



110

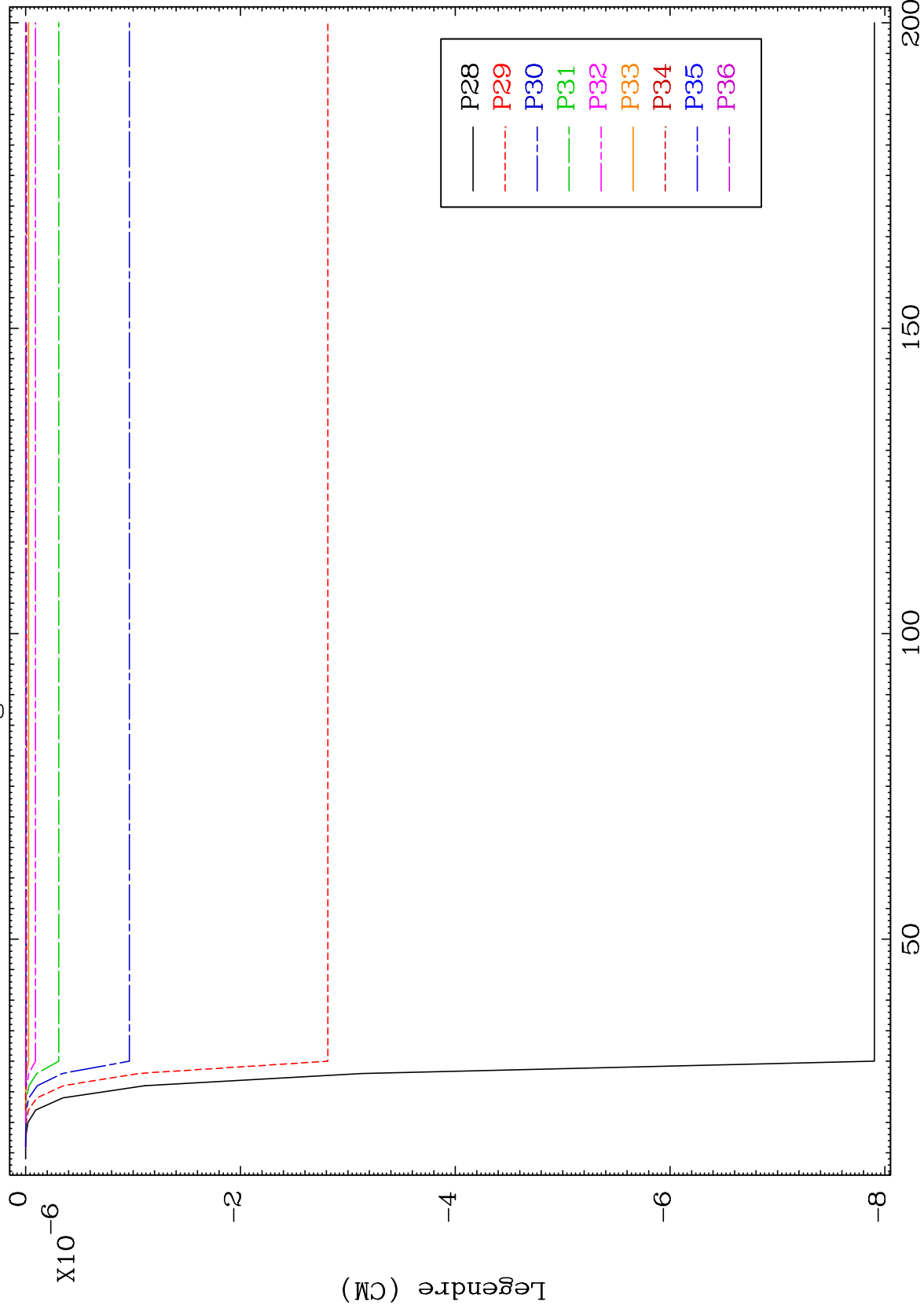
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



111

Incident Energy (MeV)

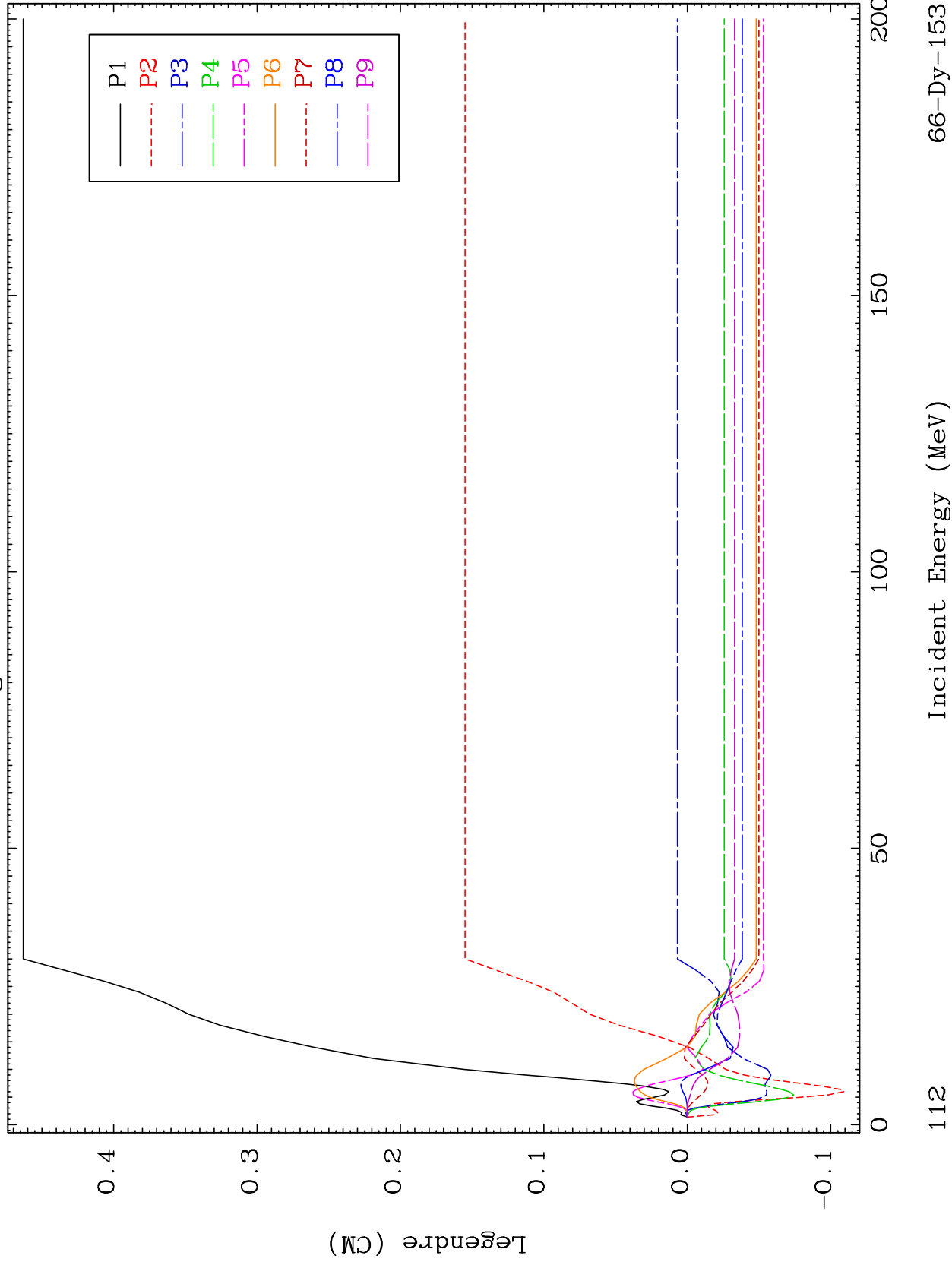
66-Dy-153



MAT 6616

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

66-Dy-153



66-Dy-153

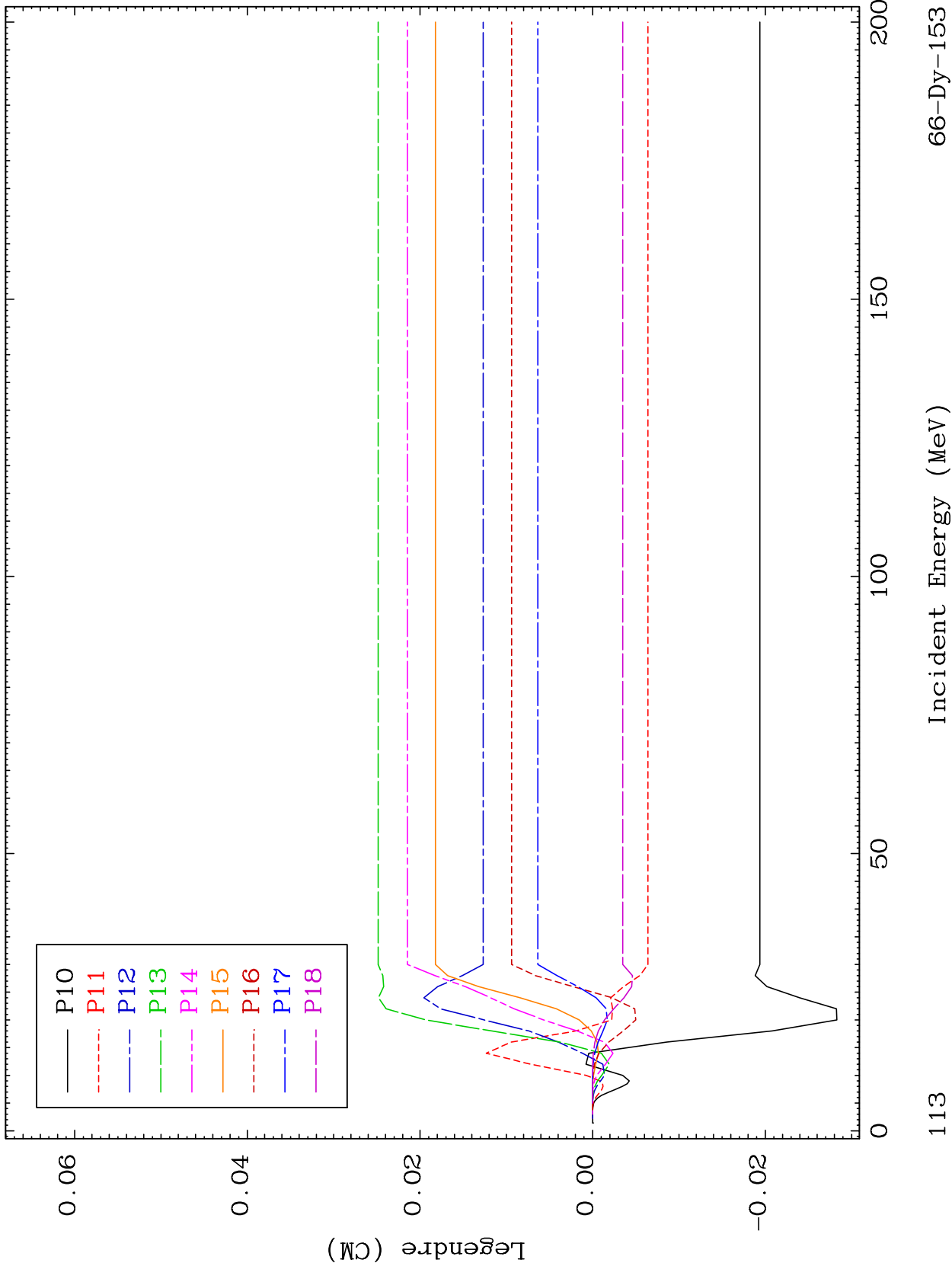
Incident Energy (MeV)

112

MAT 6616

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

66-Dy-153



113

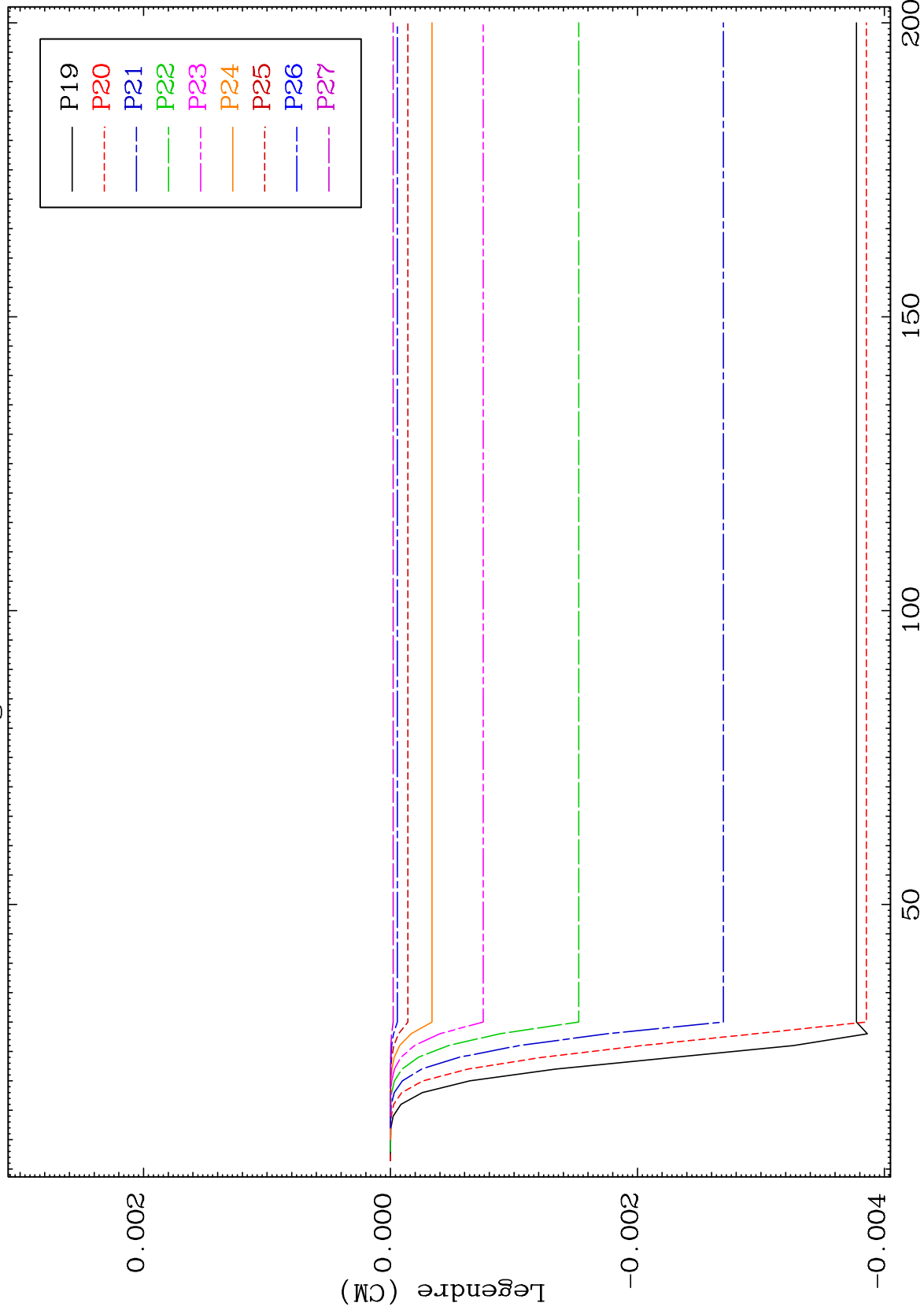
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



114

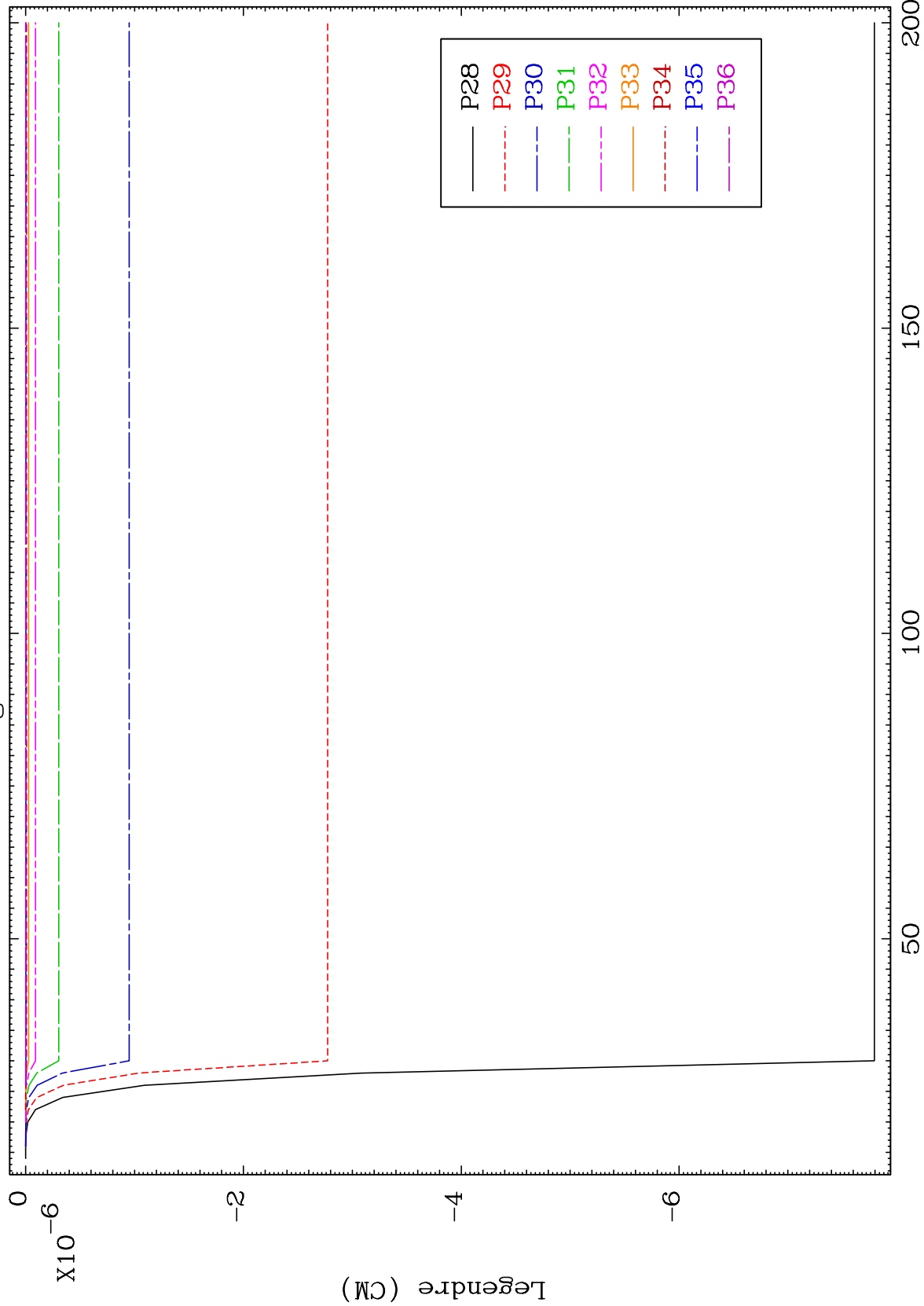
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



115

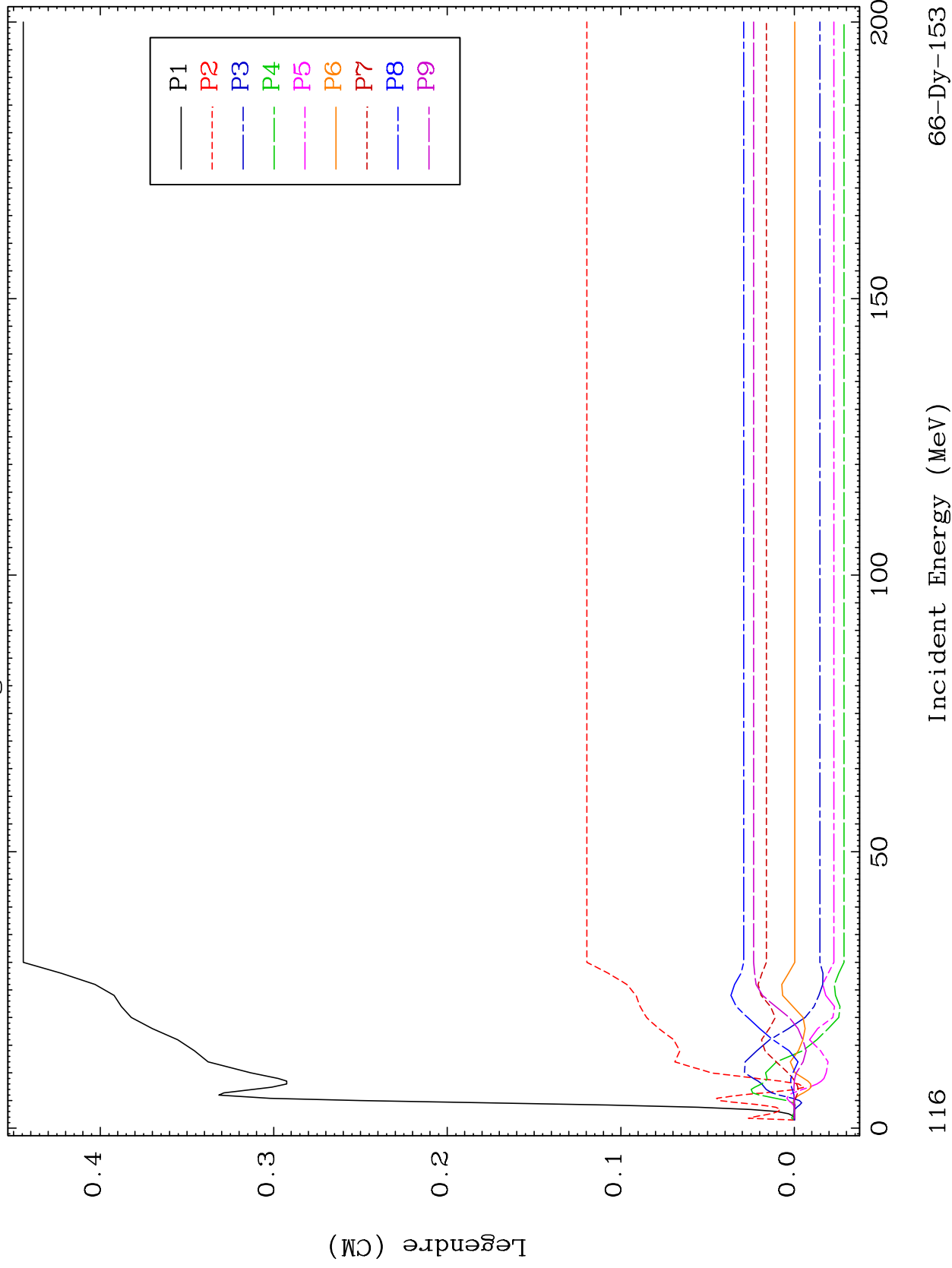
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



66-Dy-153

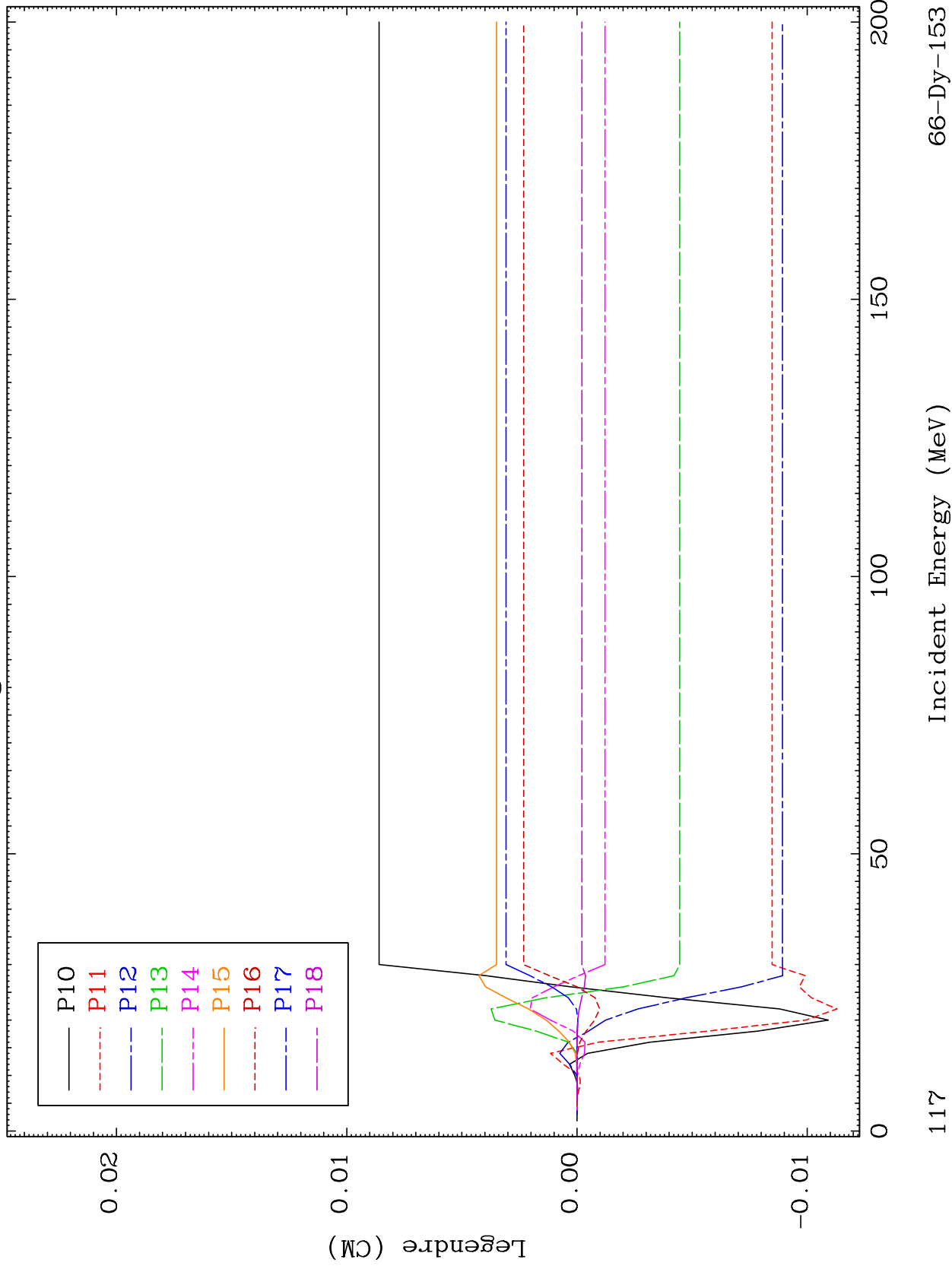
Incident Energy (MeV)

116

MAT 6616

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

66-Dy-153

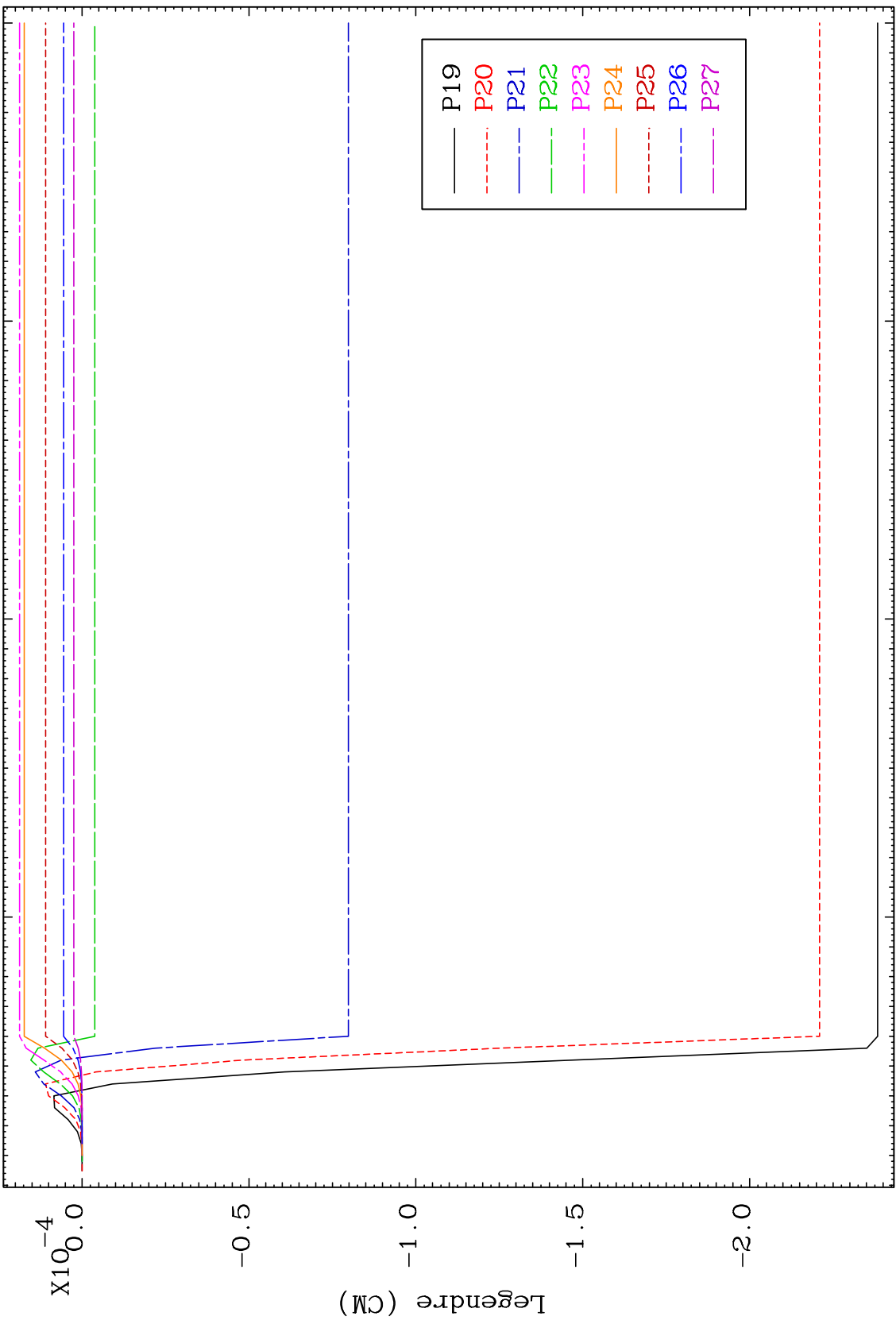


117

Incident Energy (MeV)

66-Dy-153

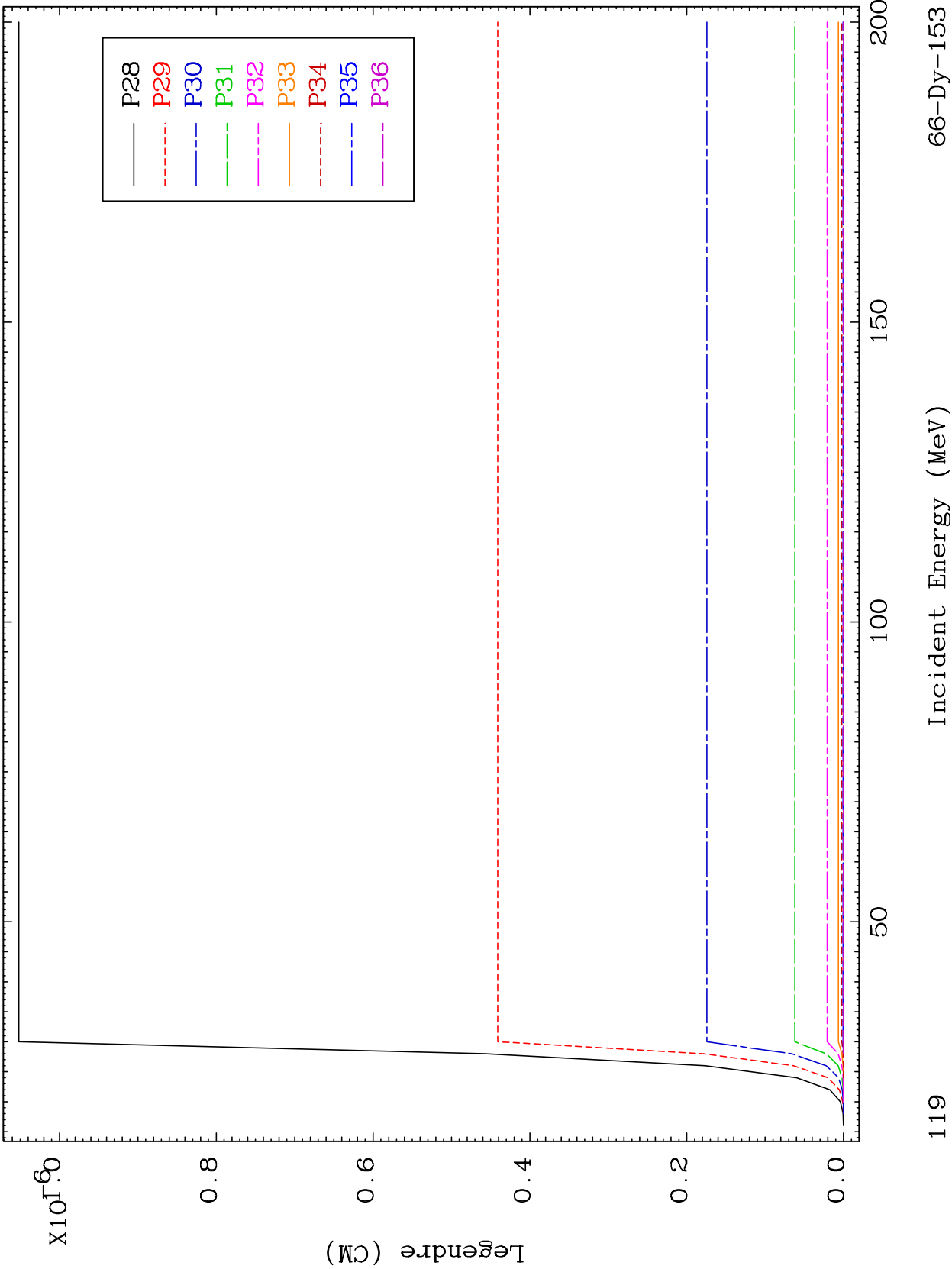
Legendre Coefficients



MAT 6616

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

66-Dy-153



119

Incident Energy (MeV)

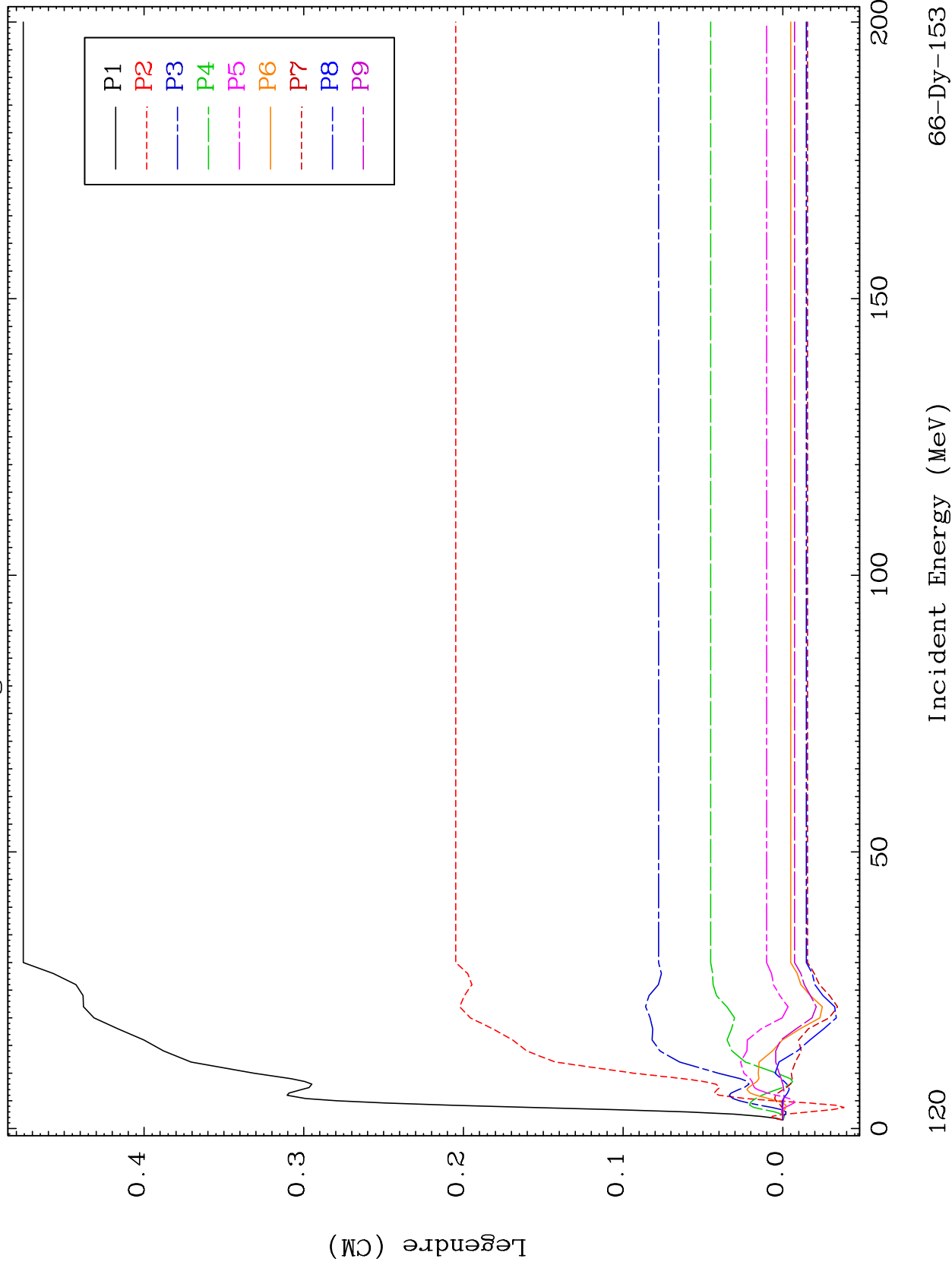
66-Dy-153



MAT 6616

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

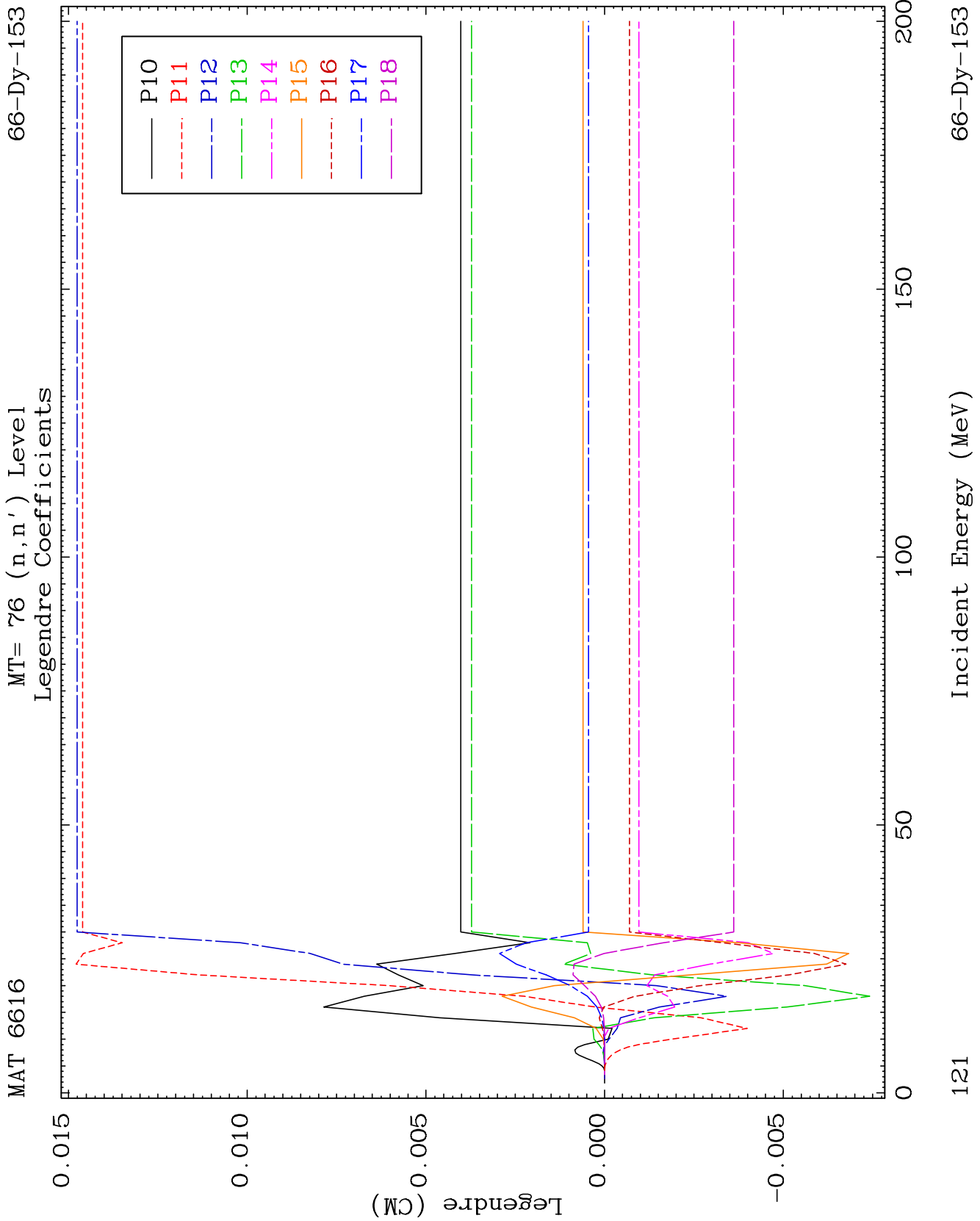
66-Dy-153

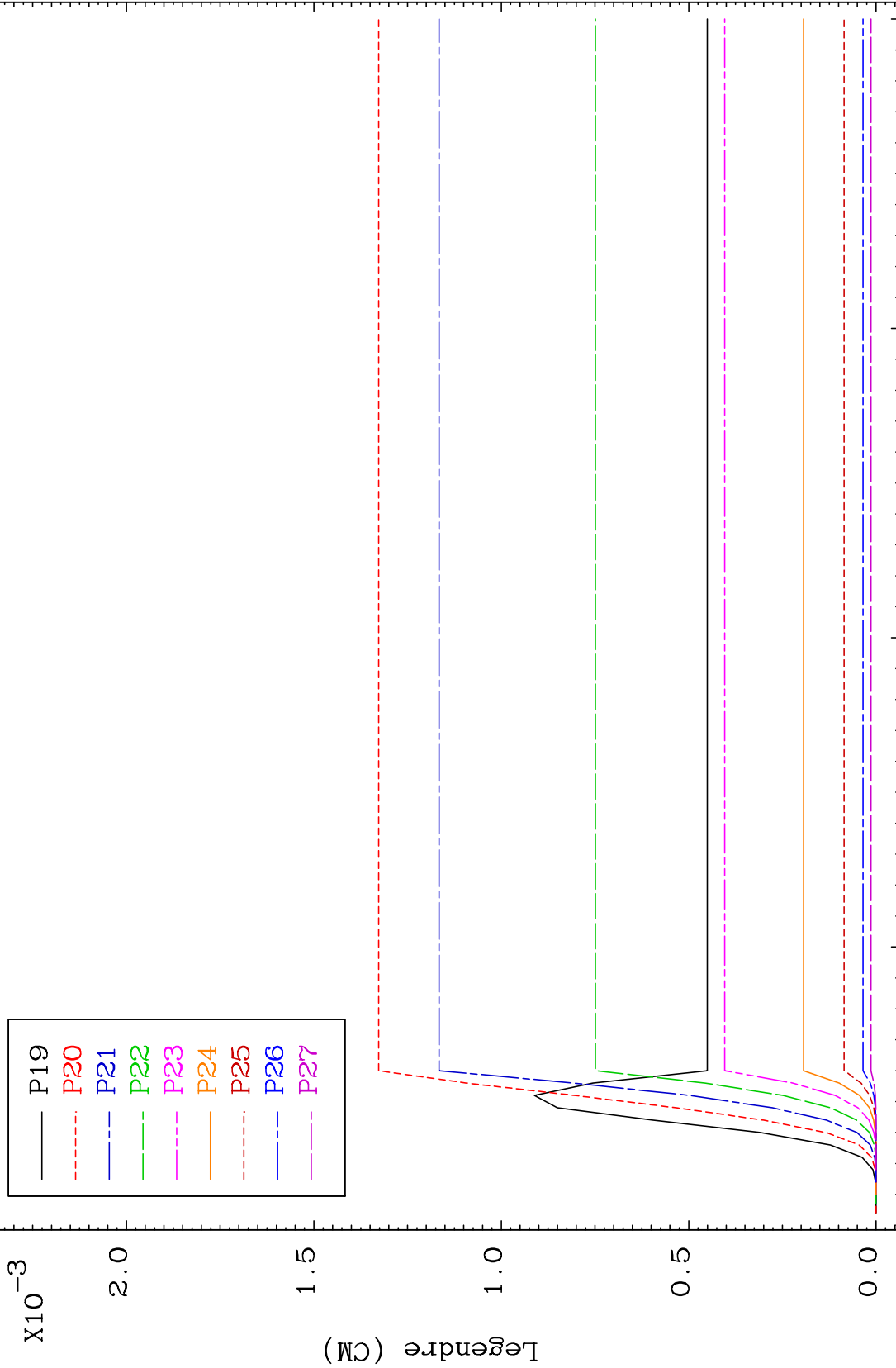
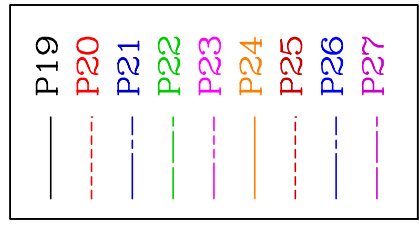


66-Dy-153

Incident Energy (MeV)

120

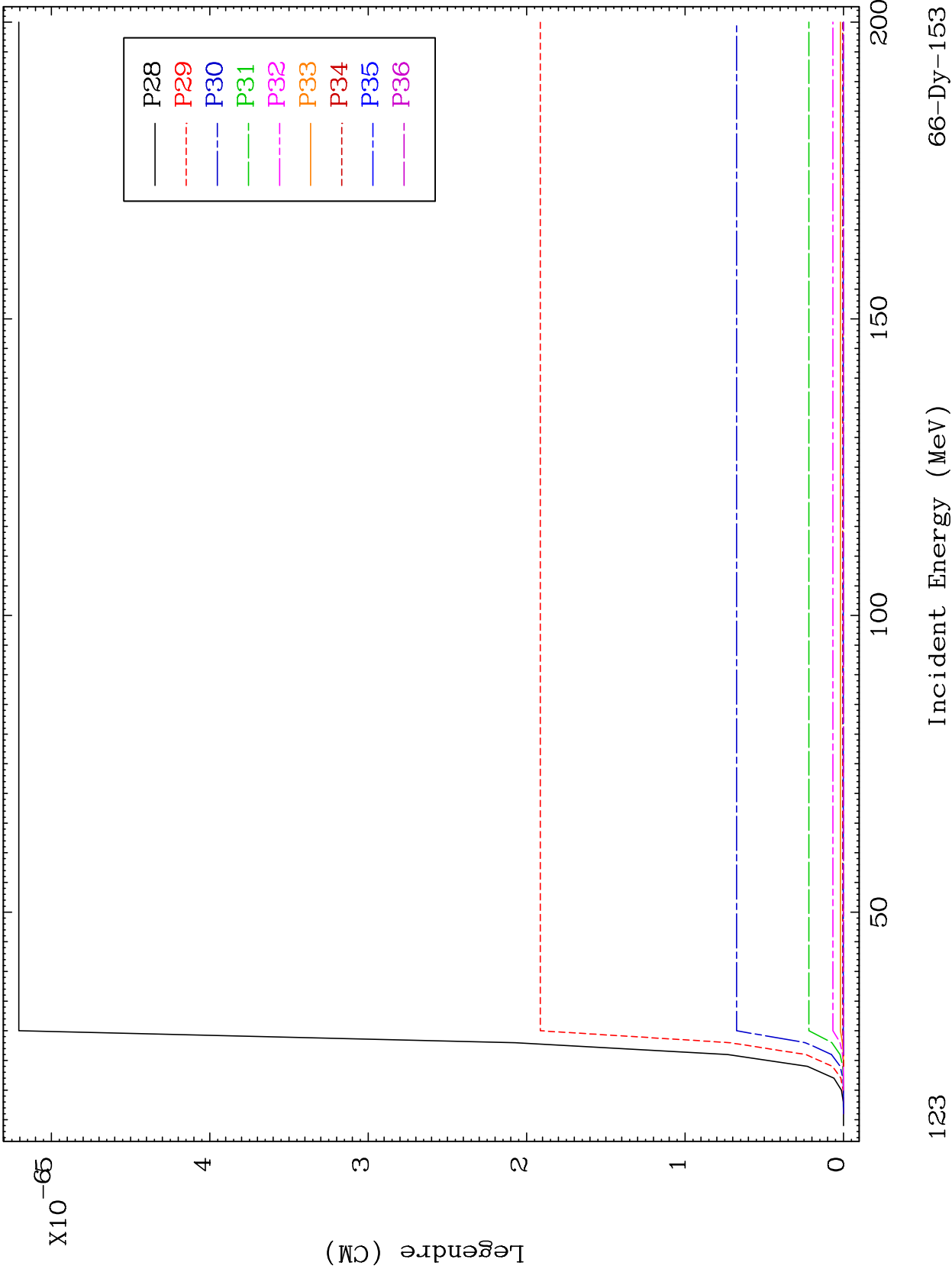




MAT 6616

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

66-Dy-153



123

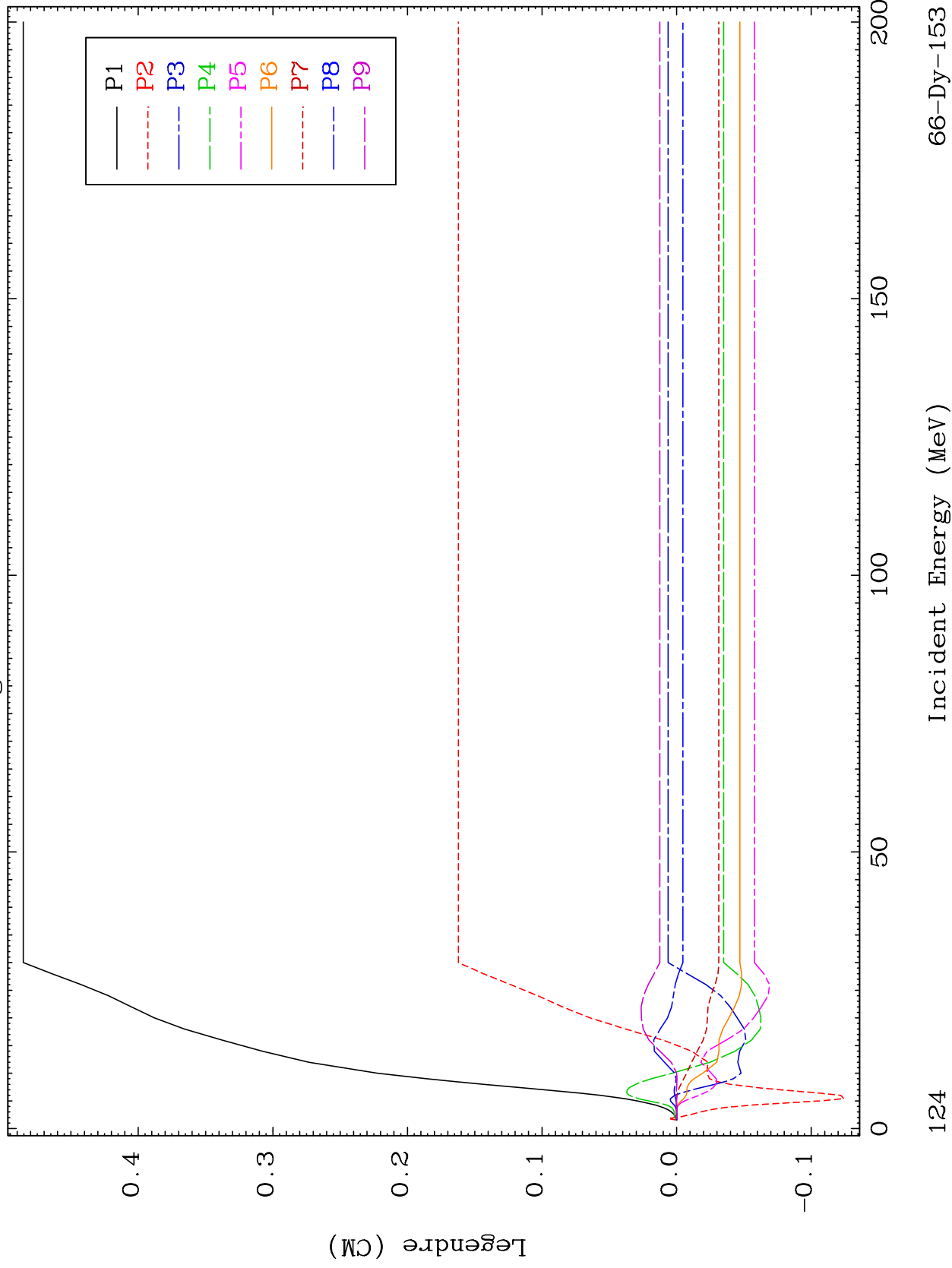
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

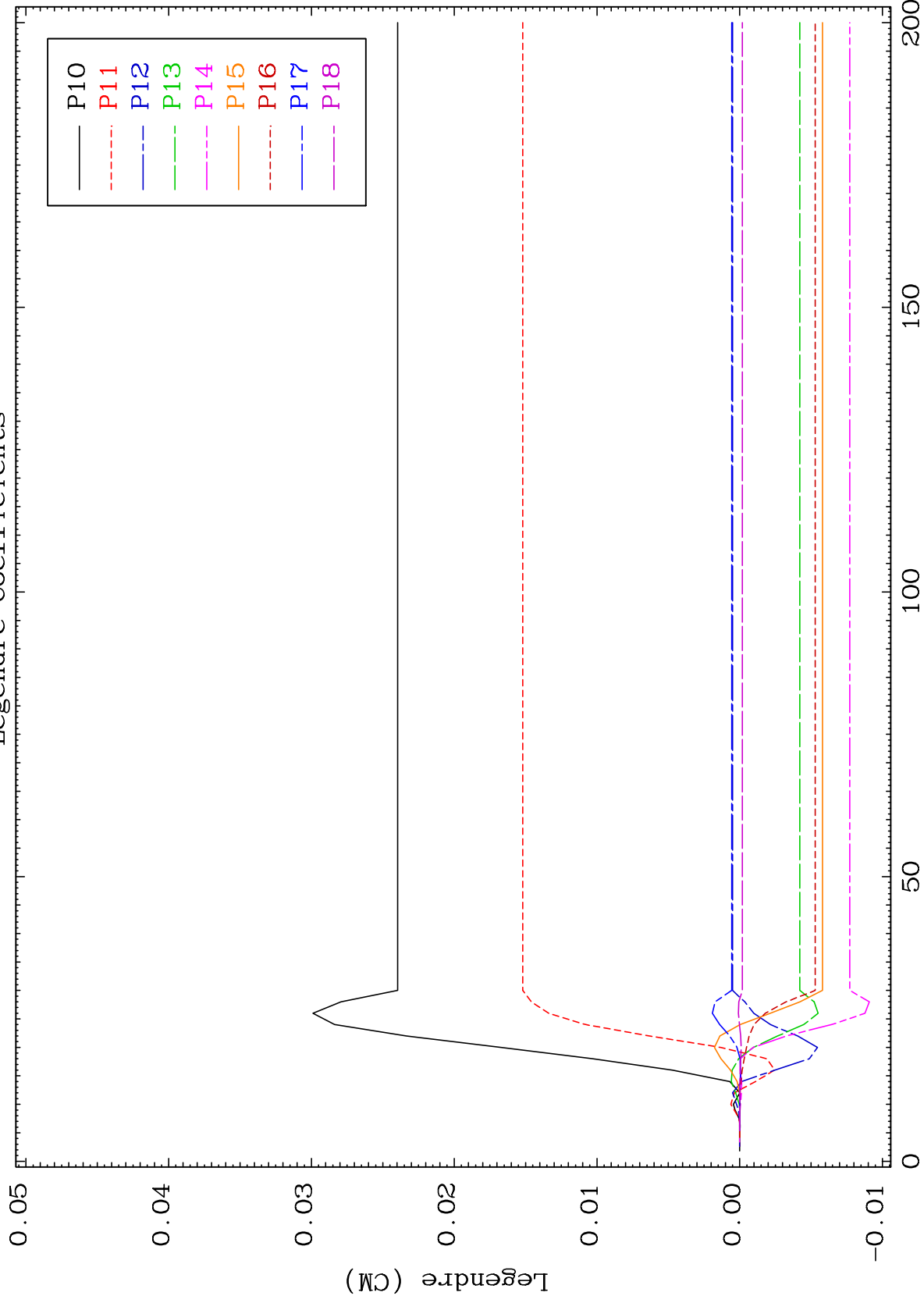
66-Dy-153



MAT 6616

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

66-Dy-153



125

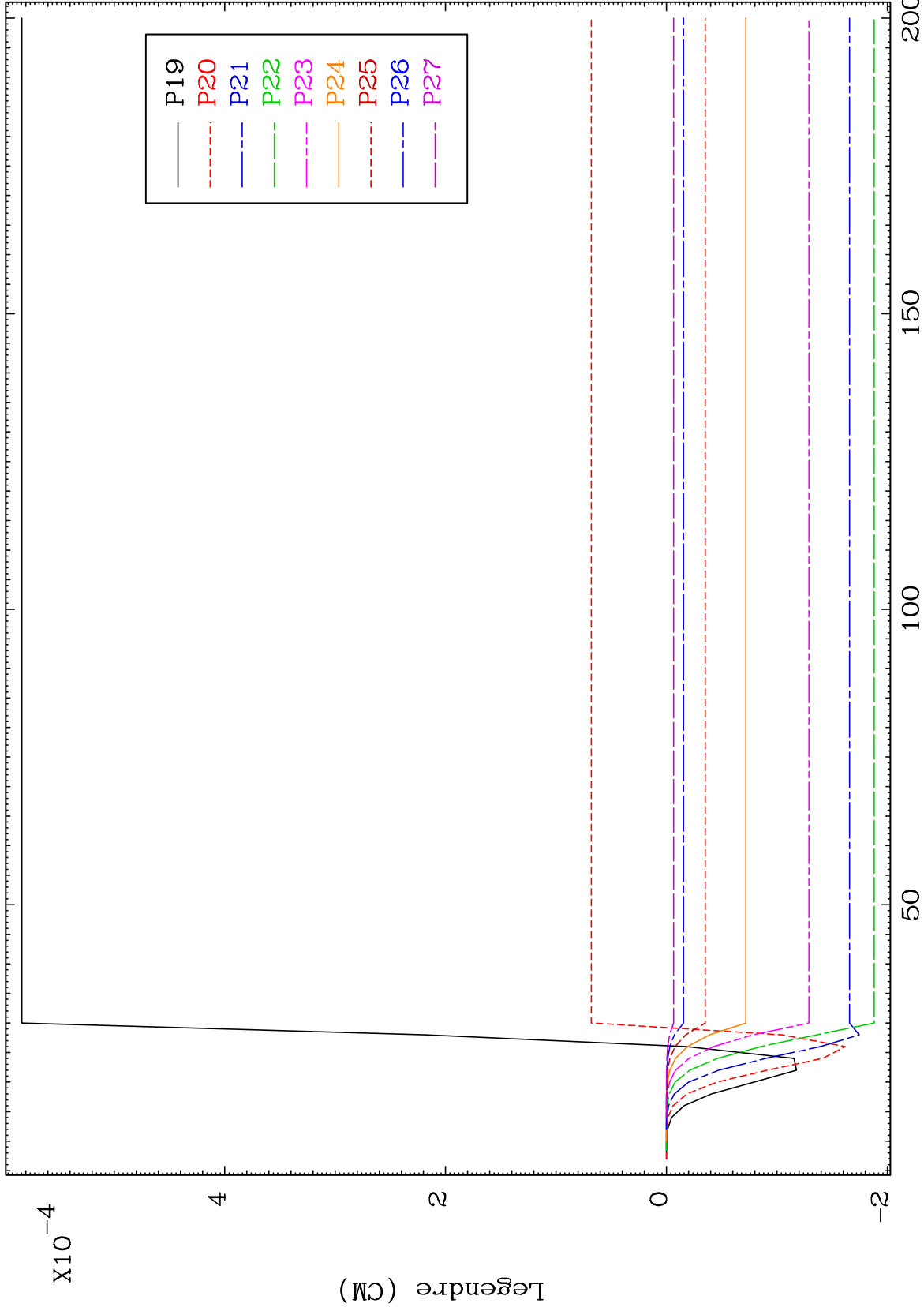
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



126

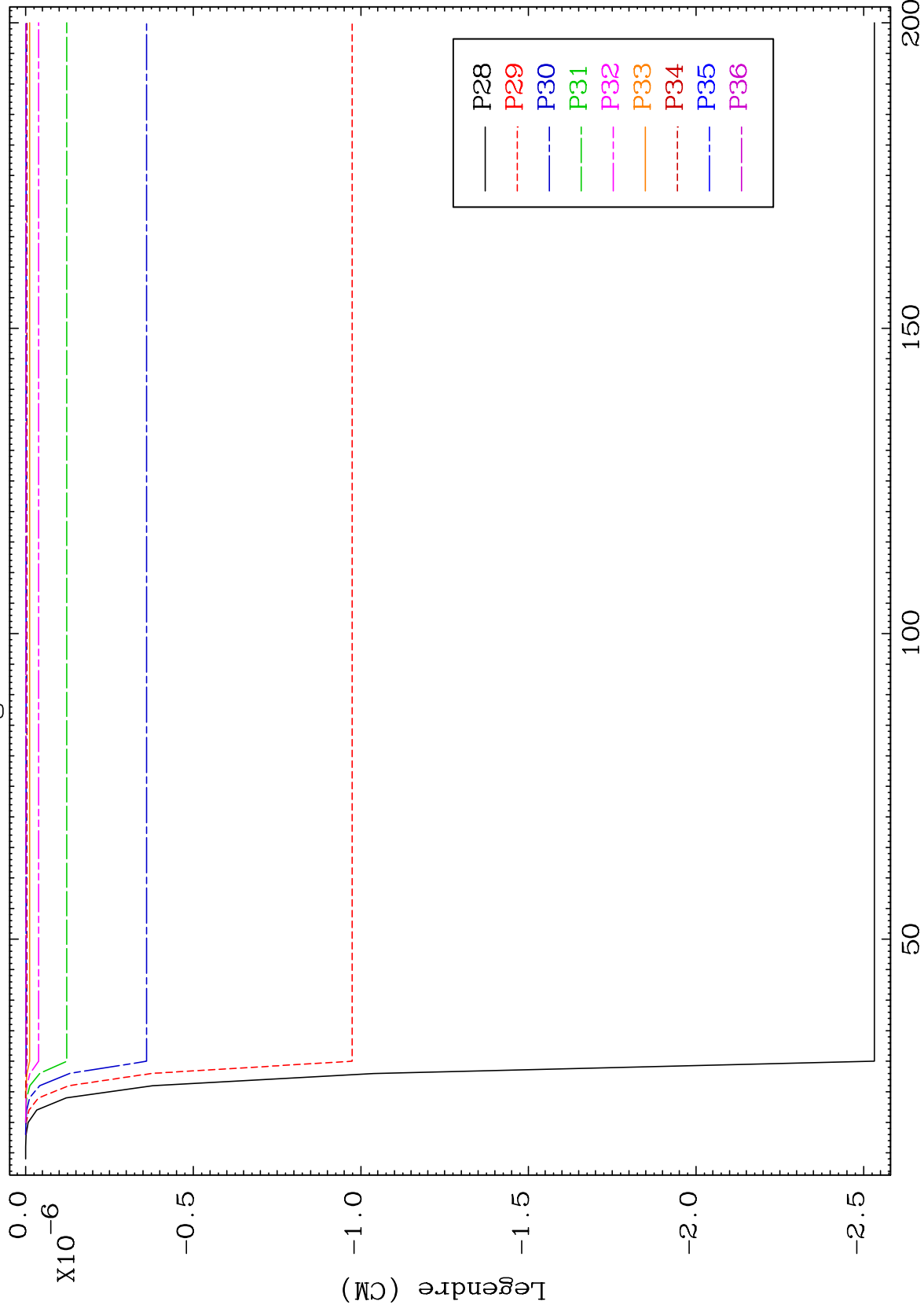
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153



127

Incident Energy (MeV)

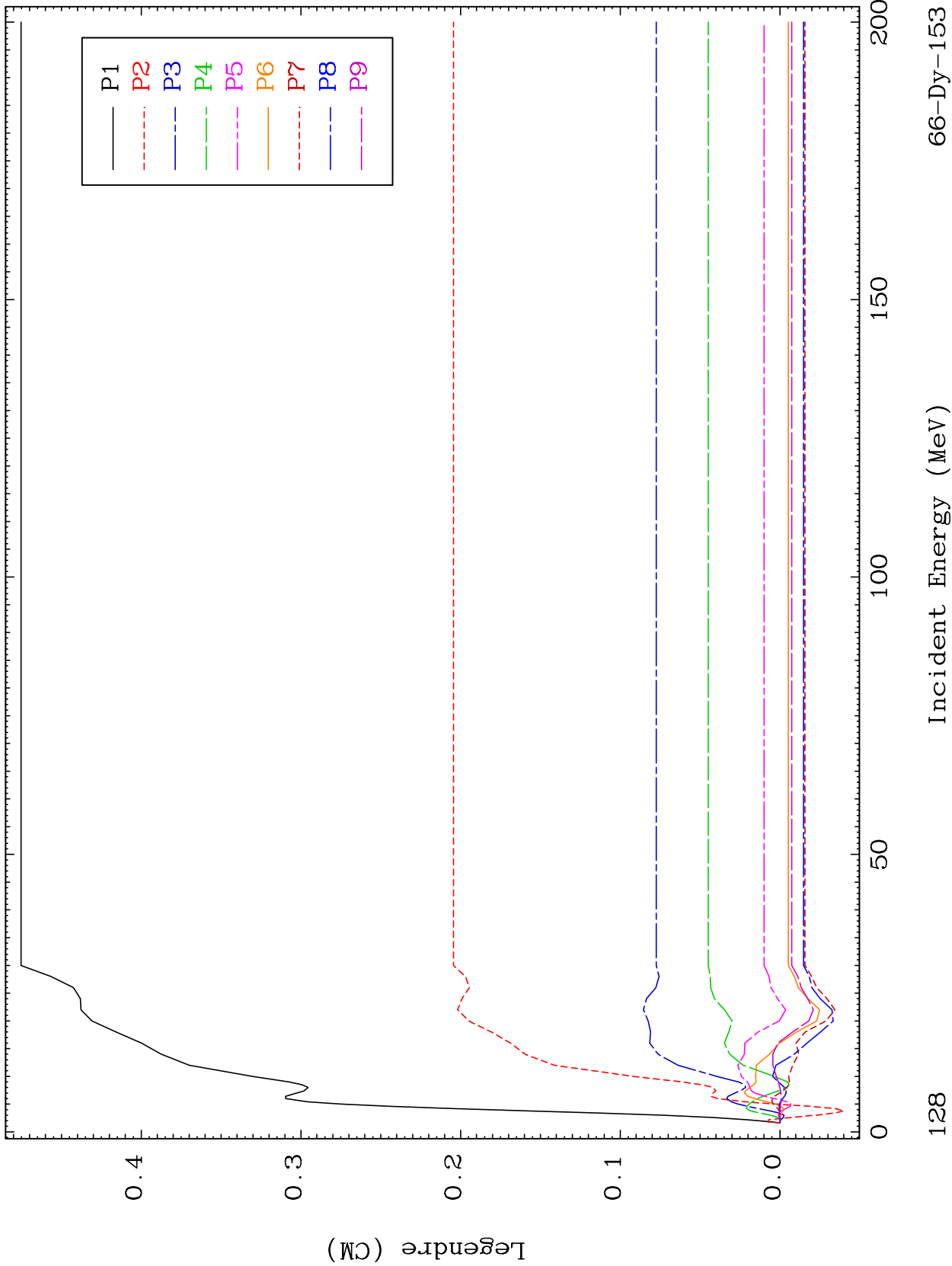
66-Dy-153



MAT 6616

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

66-Dy-153



66-Dy-153

Incident Energy (MeV)

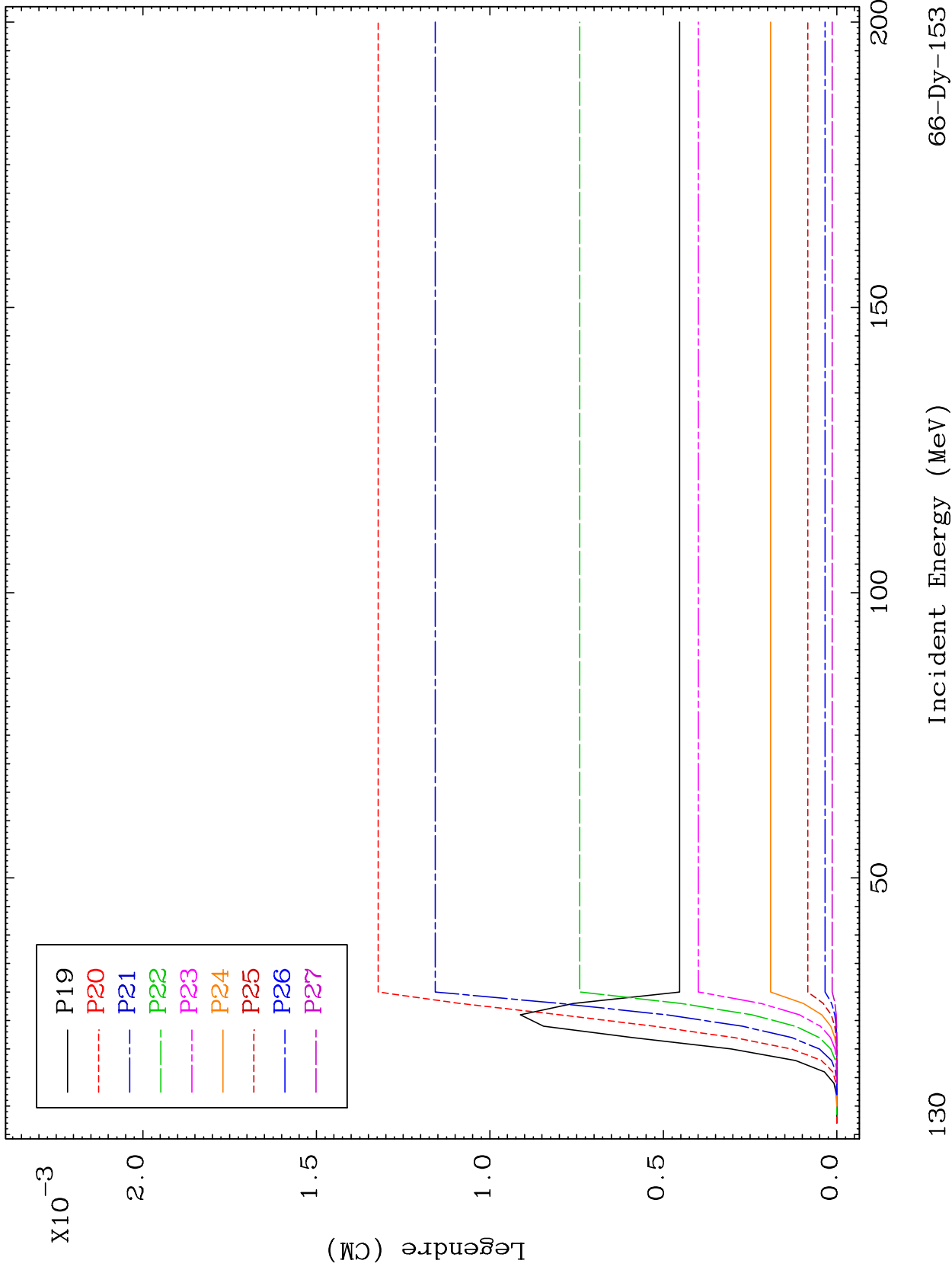
128



MAT 6616

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

66-Dy-153



130

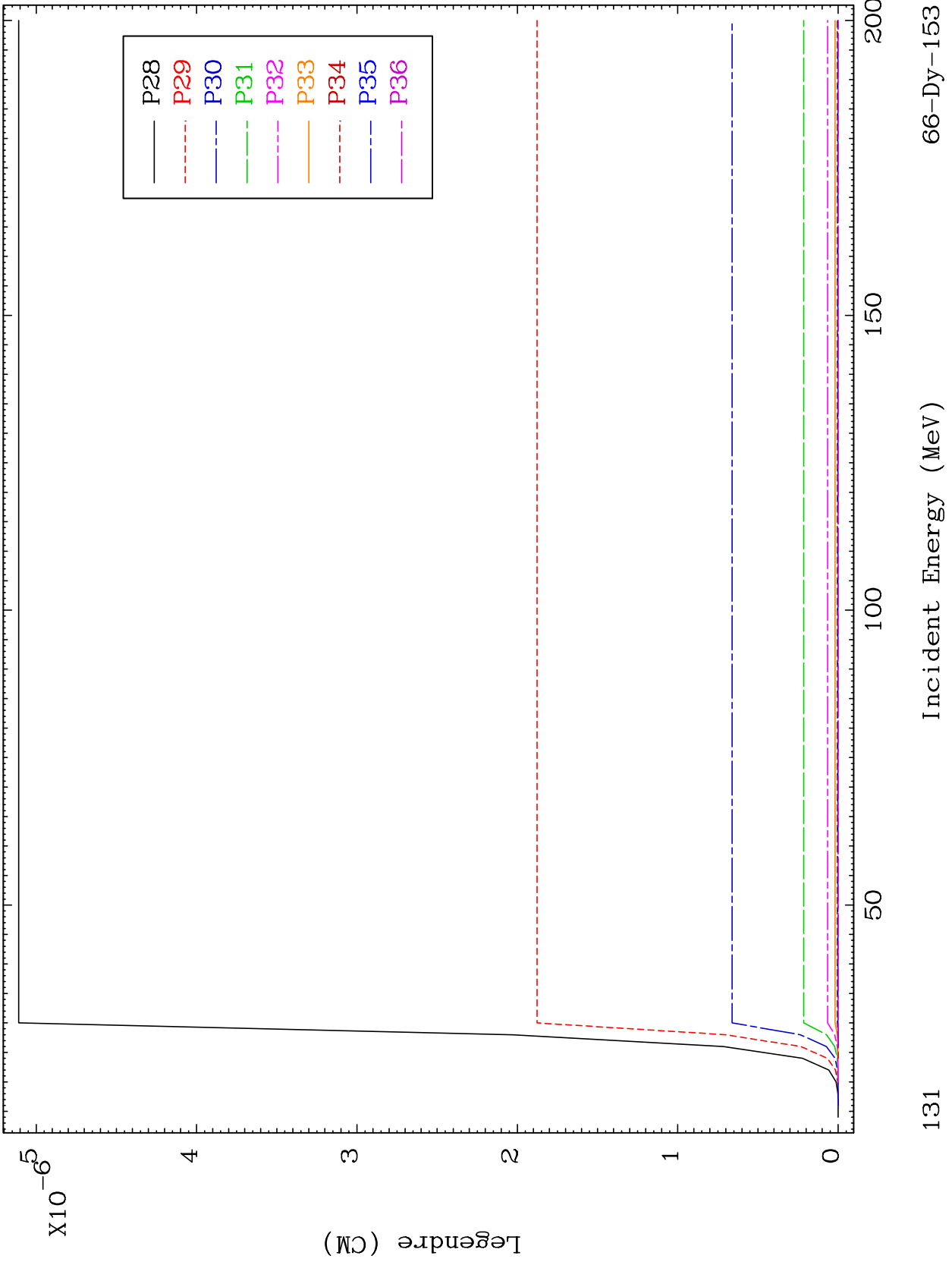
Incident Energy (MeV)

66-Dy-153

MAT 6616

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

66-Dy-153

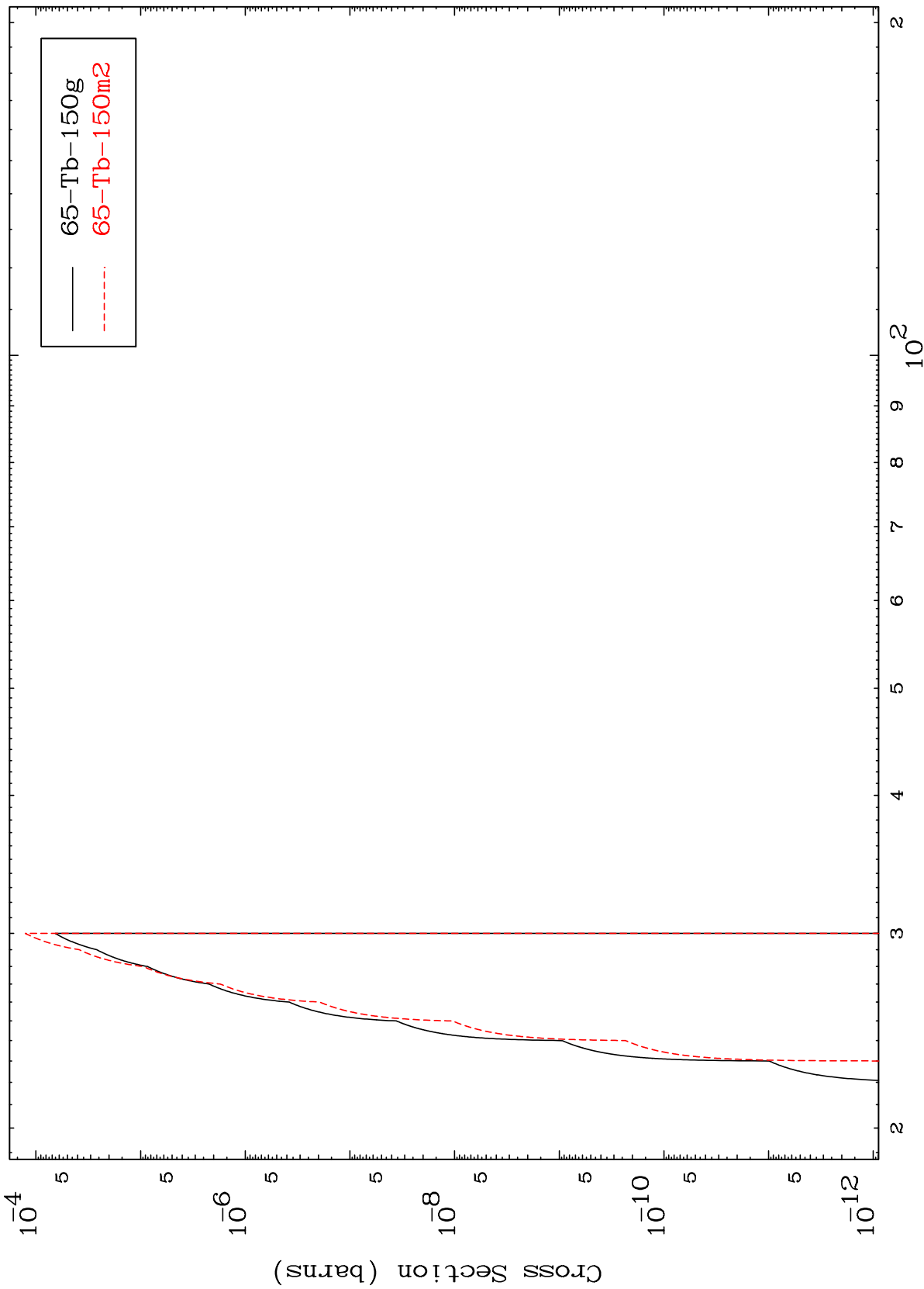


MAT 6616

(n,2n) d

66-Dy-153

Radionuclide Production Cross Section

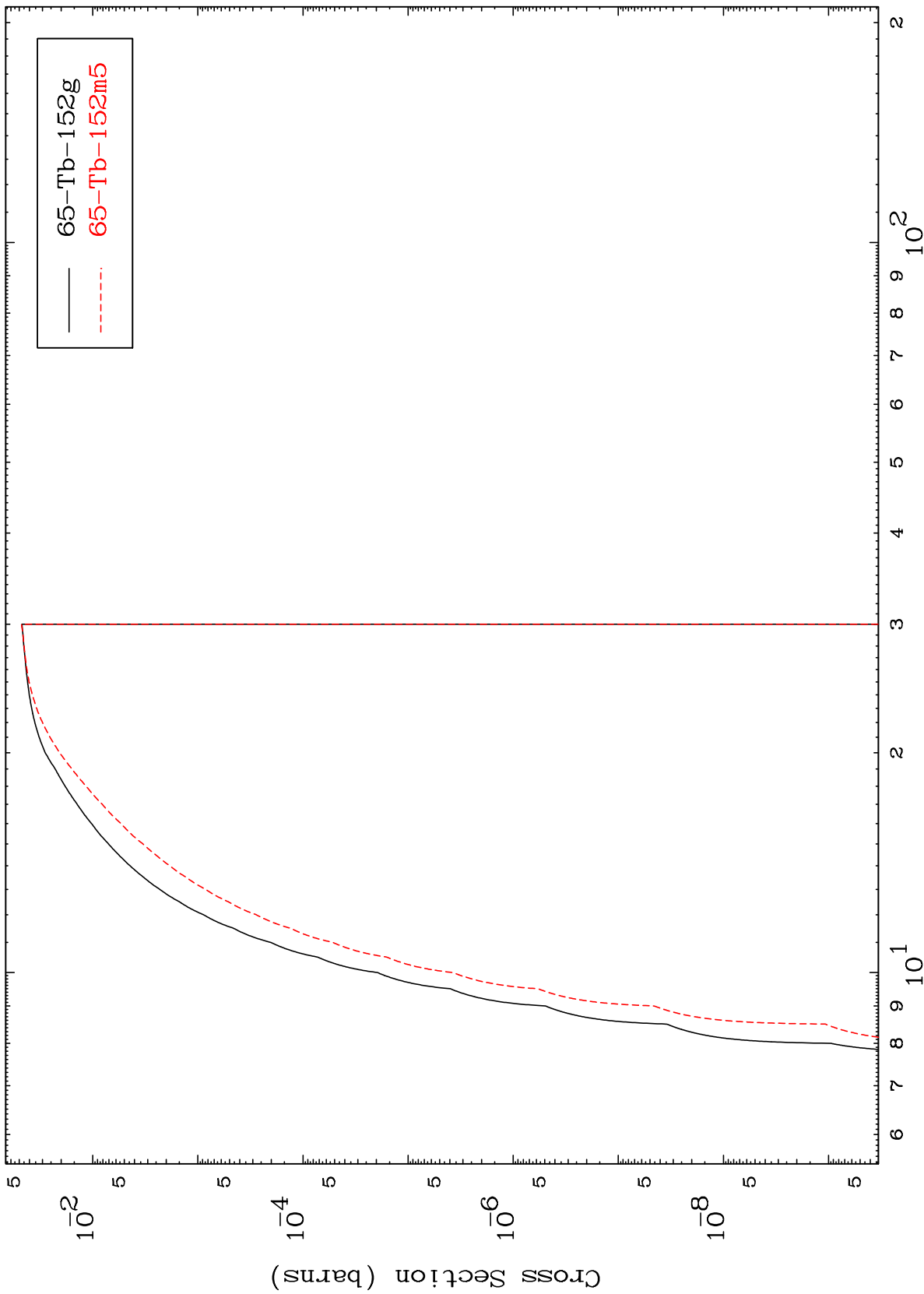


132

Incident Energy (MeV)

66-Dy-153

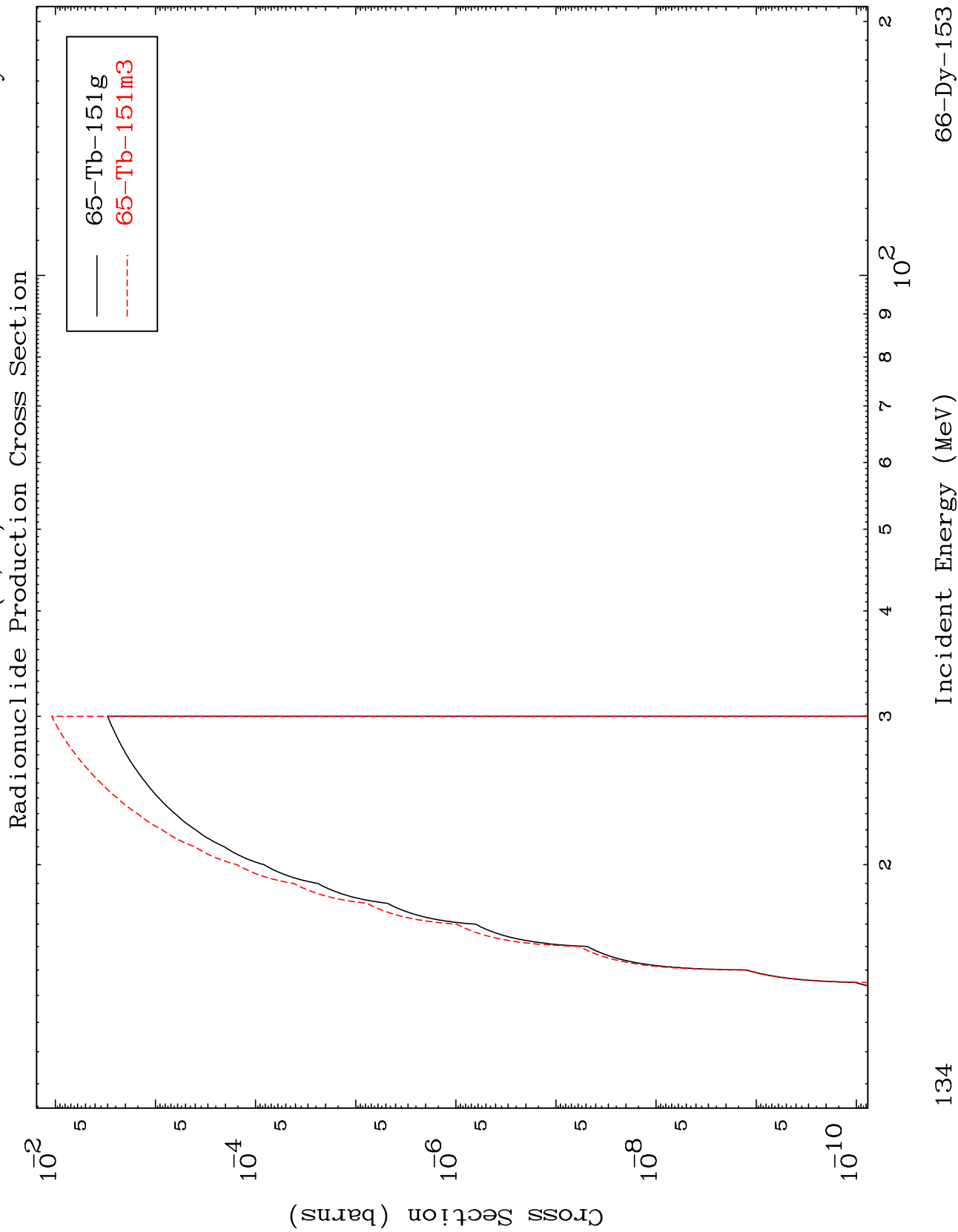
(n,n') p  
Radionuclide Production Cross Section



MAT 6616

(n,n') d

66-Dy-153



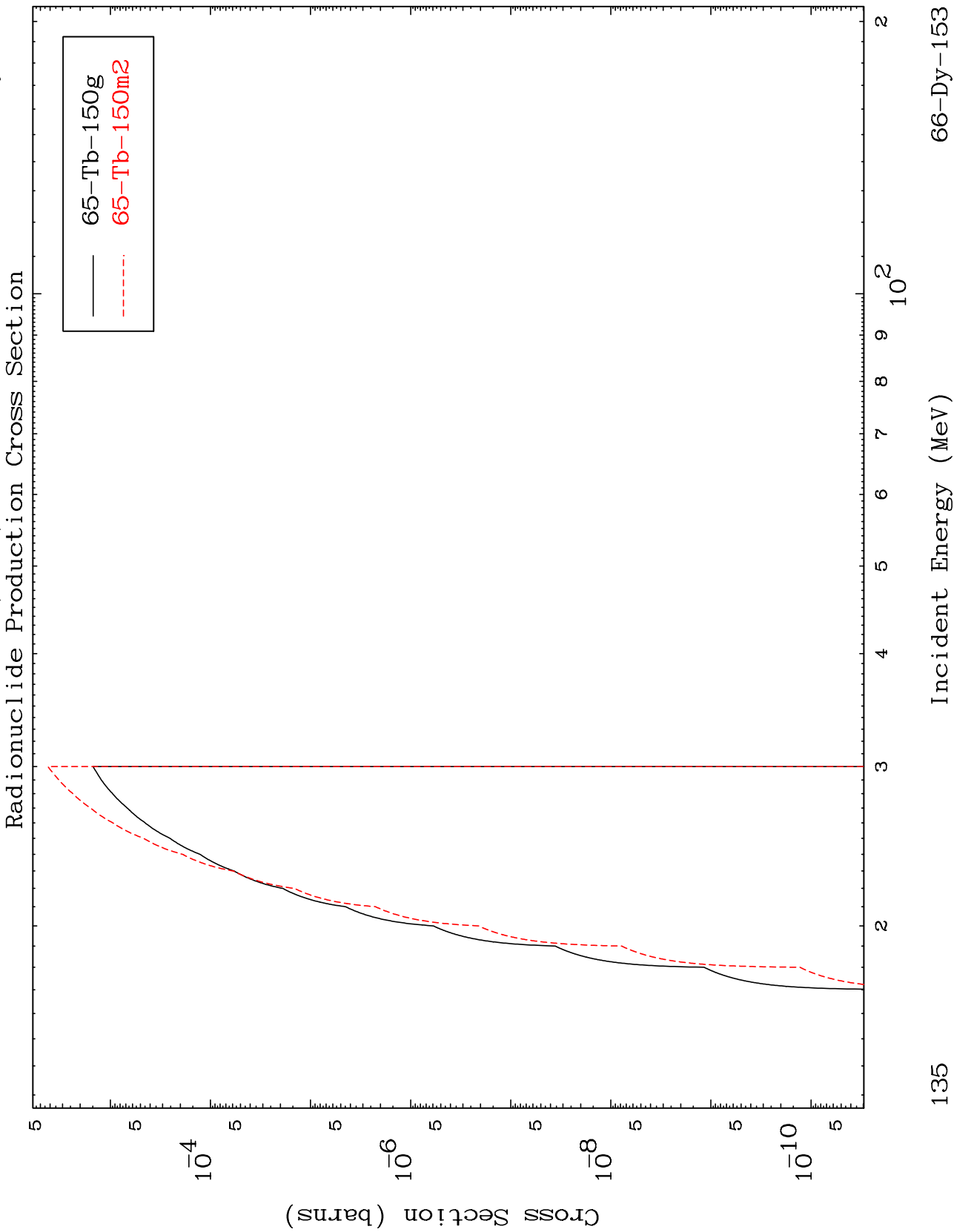
134

66-Dy-153

MAT 6616

(n,n') t

66-Dy-153



135

66-Dy-153

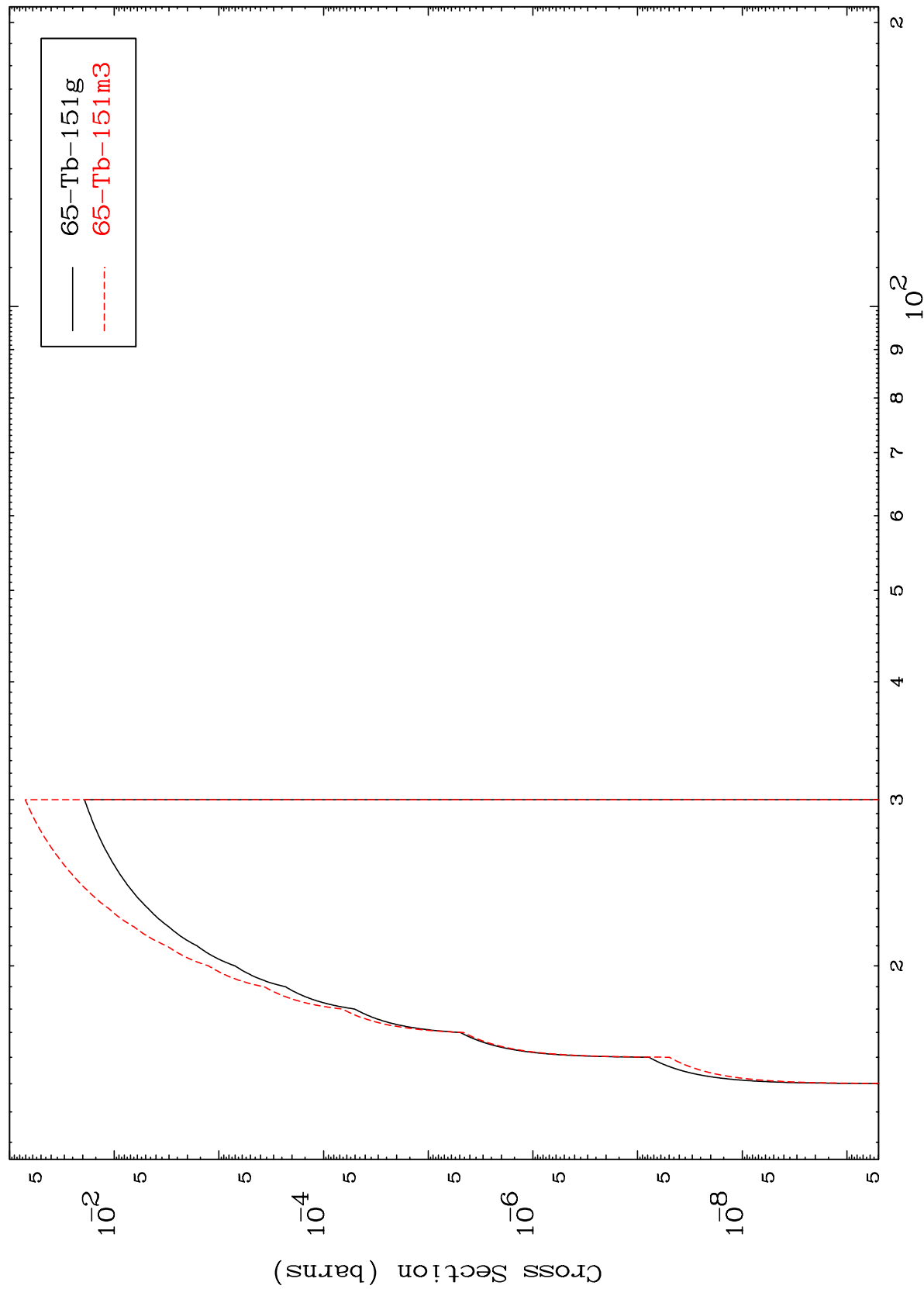


MAT 6616

(n,2n) p

66-Dy-153

Radionuclide Production Cross Section



136

Incident Energy (MeV)

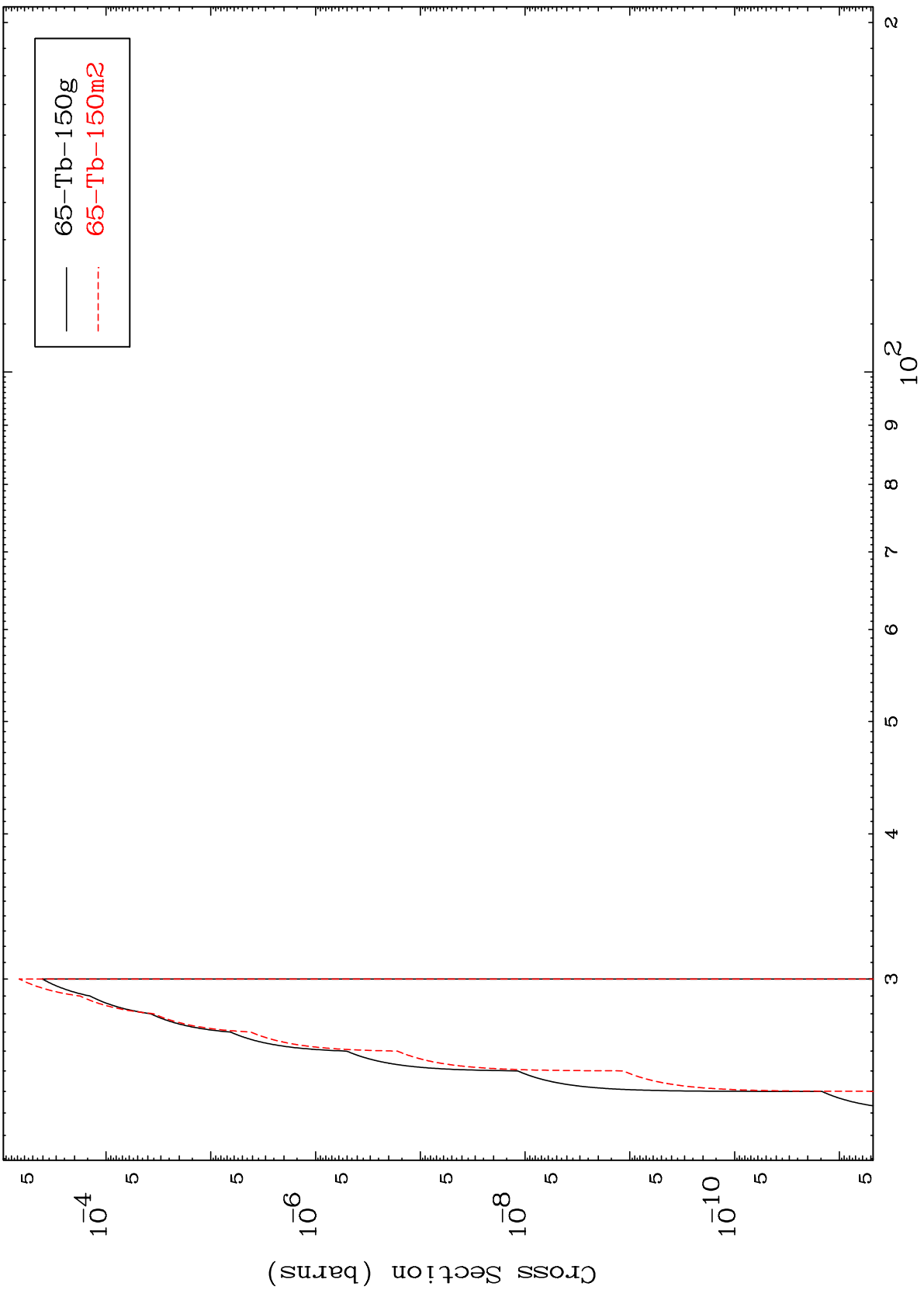
66-Dy-153

MAT 6616

(n,3n) p

66-Dy-153

Radionuclide Production Cross Section



65-Tb-150g  
65-Tb-150m2

137

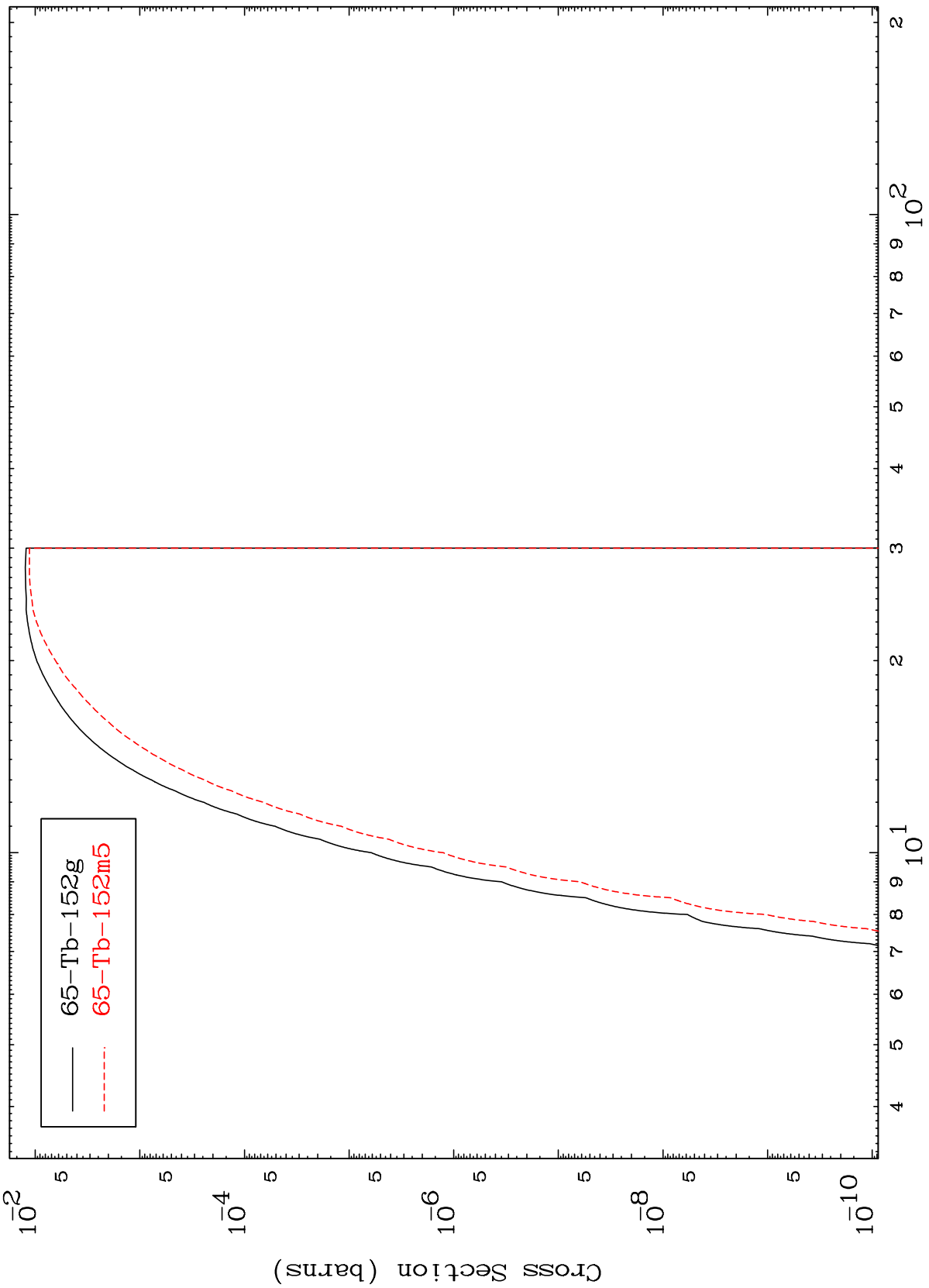
Incident Energy (MeV)

66-Dy-153

MAT 6616

66-Dy-153

(n,d)  
Radionuclide Production Cross Section



65-Tb-152g  
65-Tb-152m5

138

Incident Energy (MeV)

66-Dy-153

MAT 6616

66-Dy-153

