

Program EVALPLOT  
(Version 2018-1)

by

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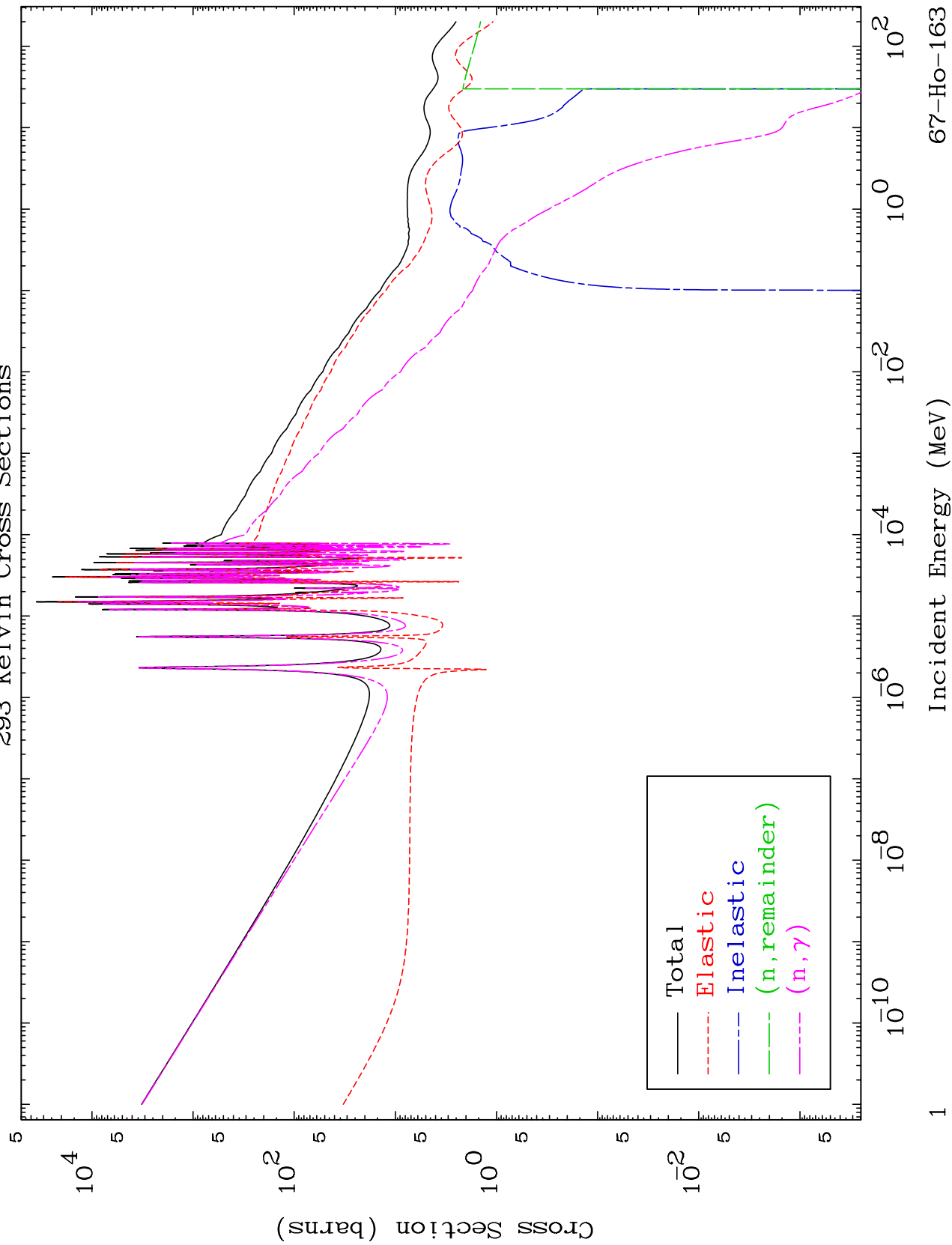
Press Mouse Button to Start

MAT 6719

Major

293 Kelvin Cross Sections

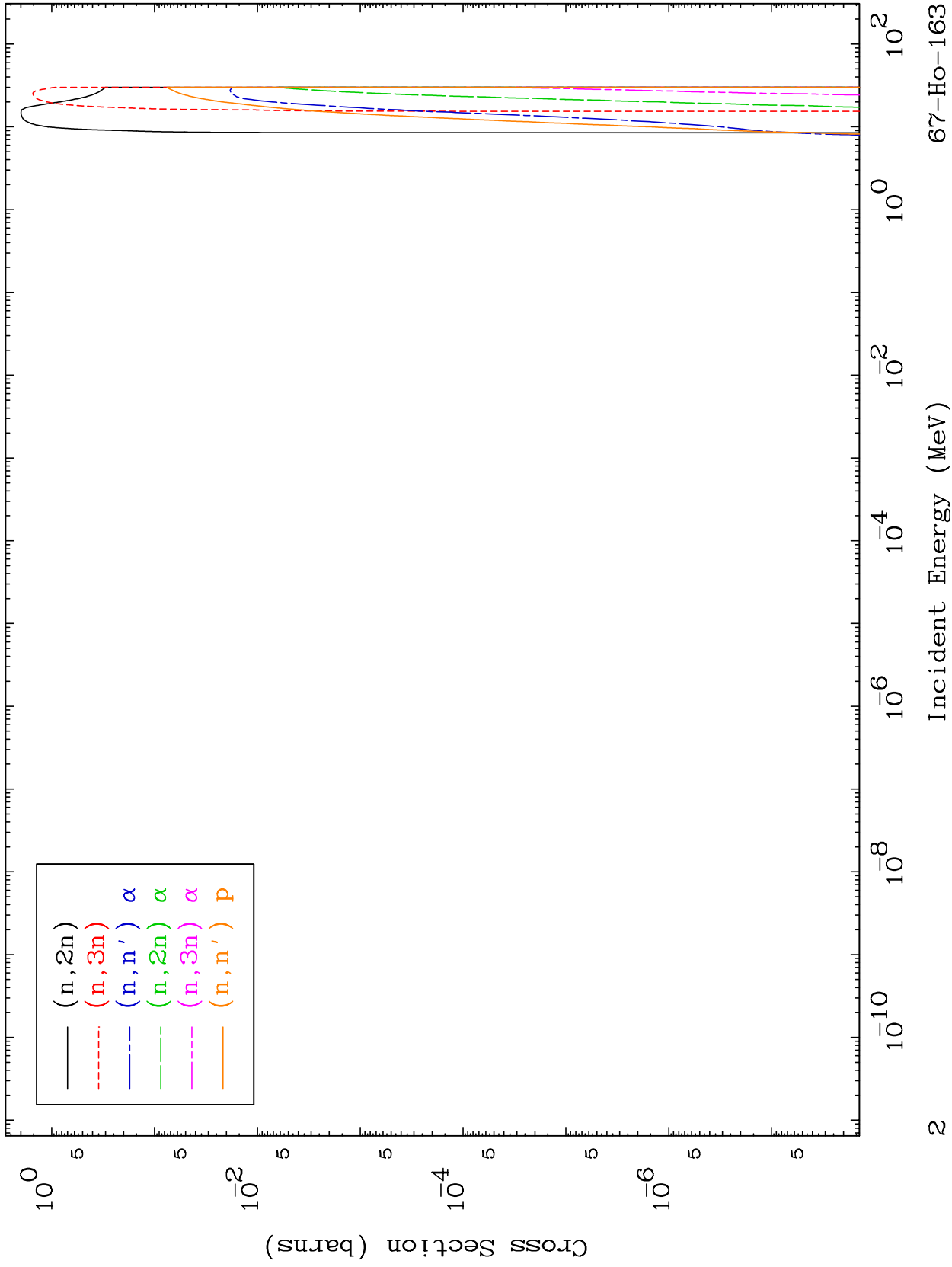
67-Ho-163

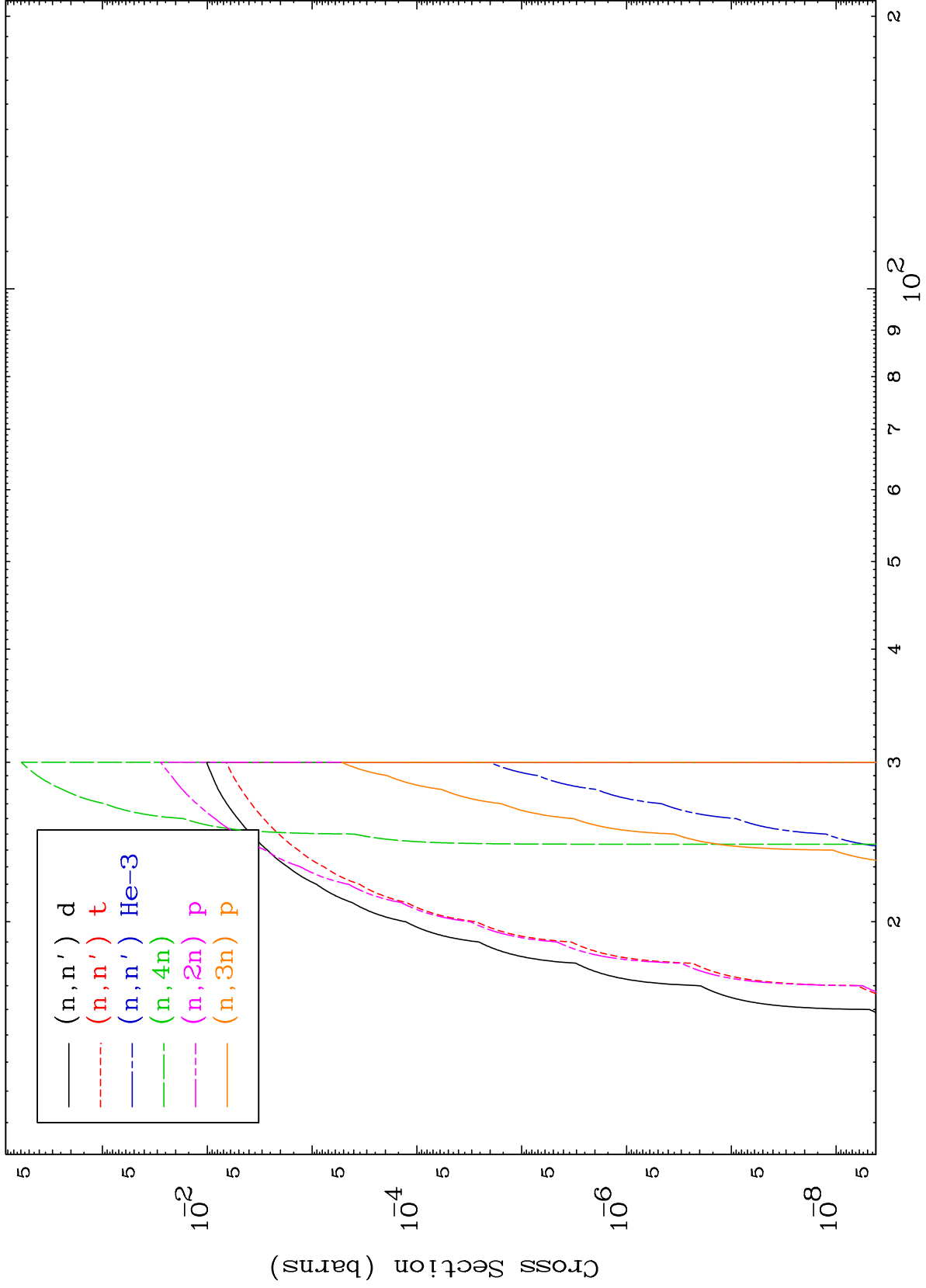


MAT 6719

Neutron Production  
293 Kelvin Cross Sections

67-Ho-163

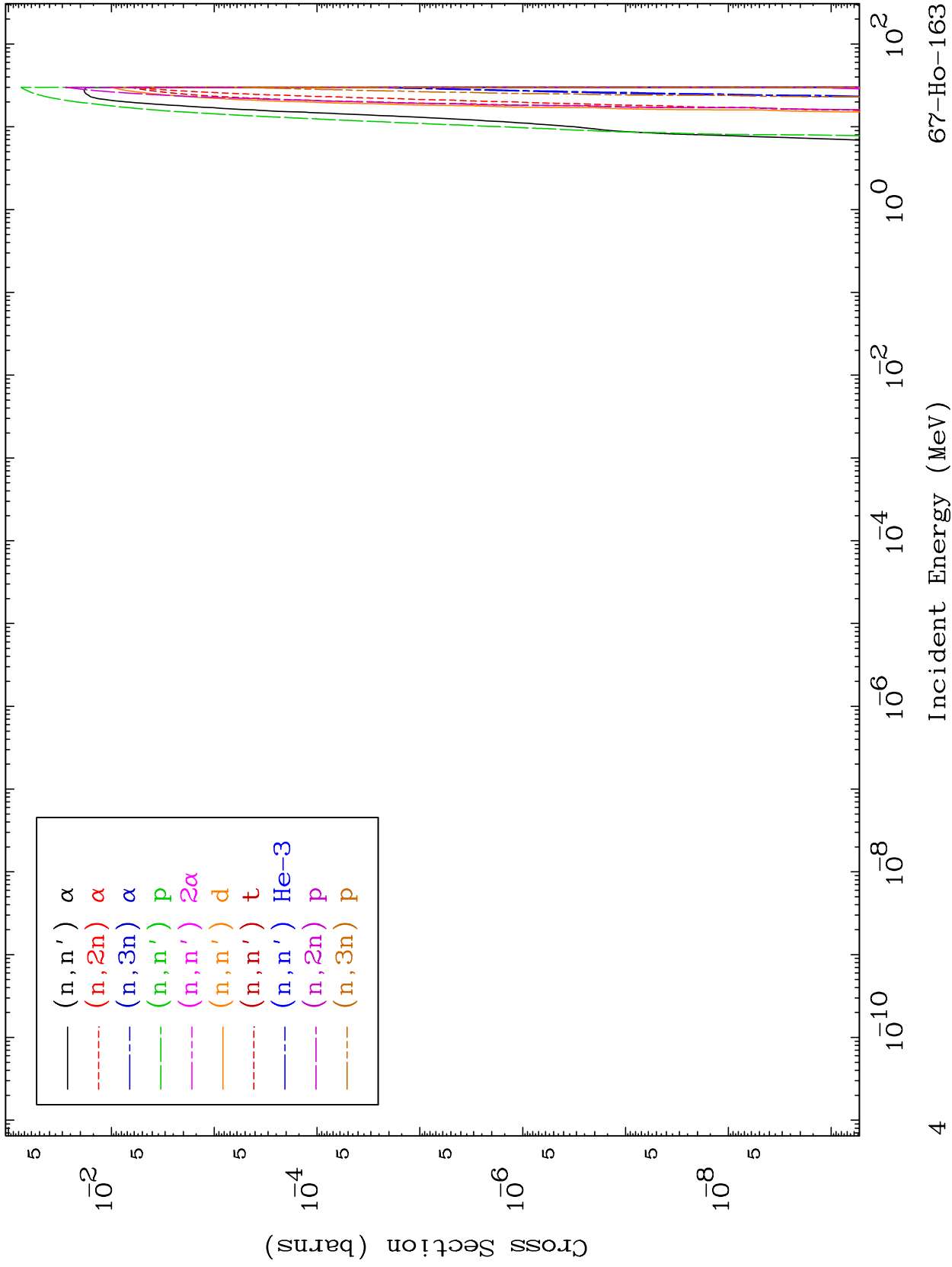




MAT 6719

Charged Particle  
293 Kelvin Cross Sections

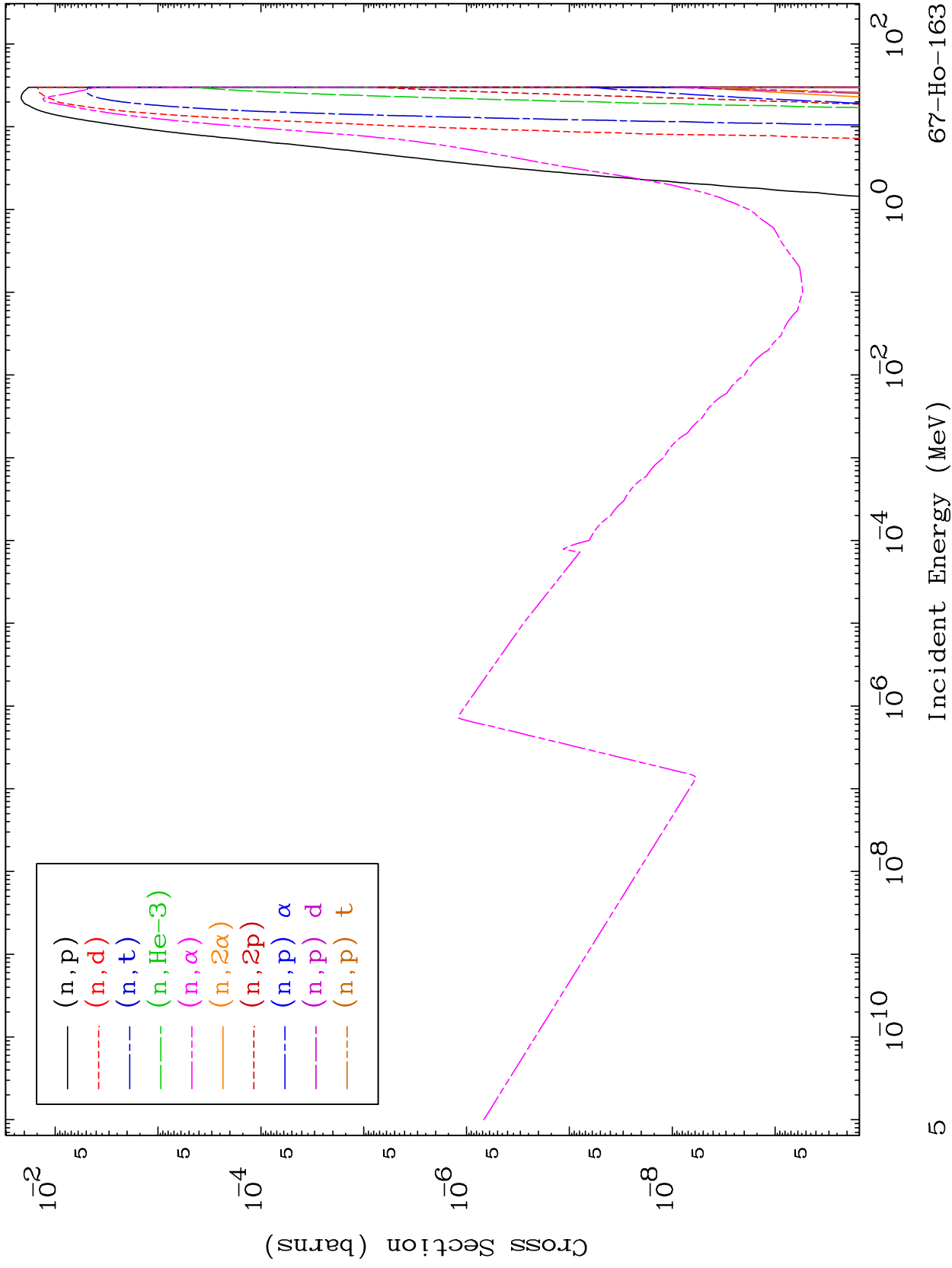
67-Ho-163



MAT 6719

Charged Particle  
293 Kelvin Cross Sections

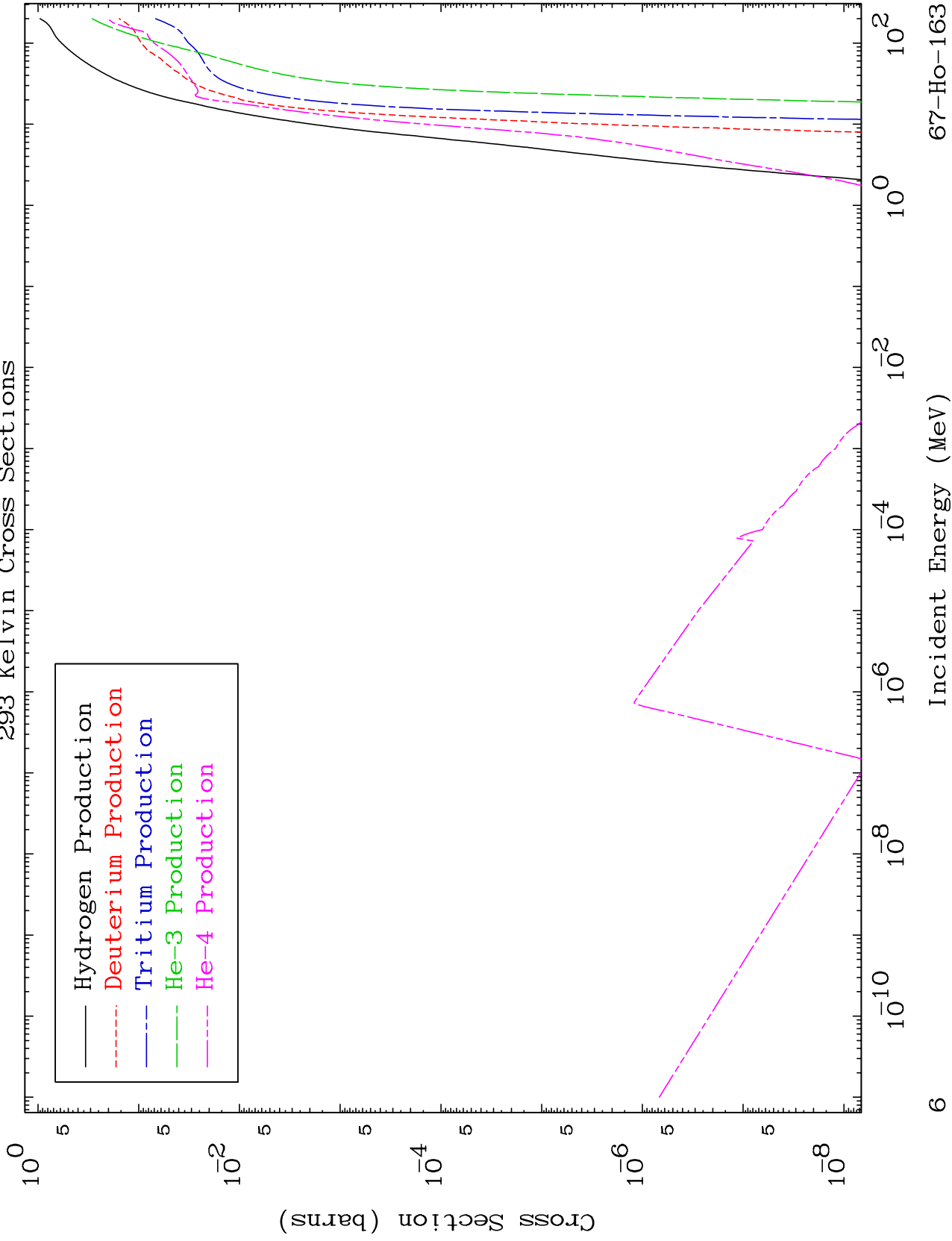
67-Ho-163

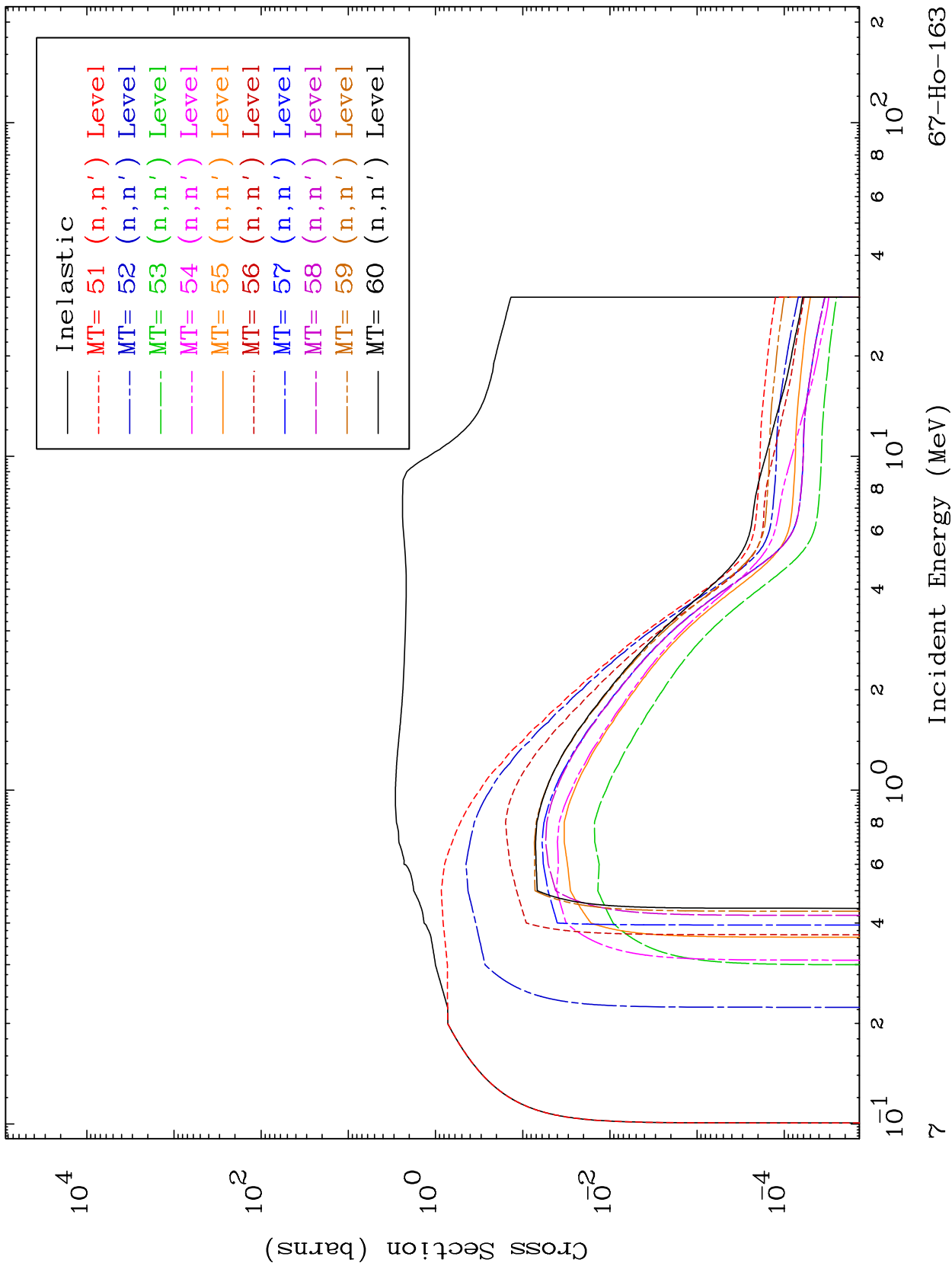


MAT 6719

Particle Production  
293 Kelvin Cross Sections

67-Ho-163





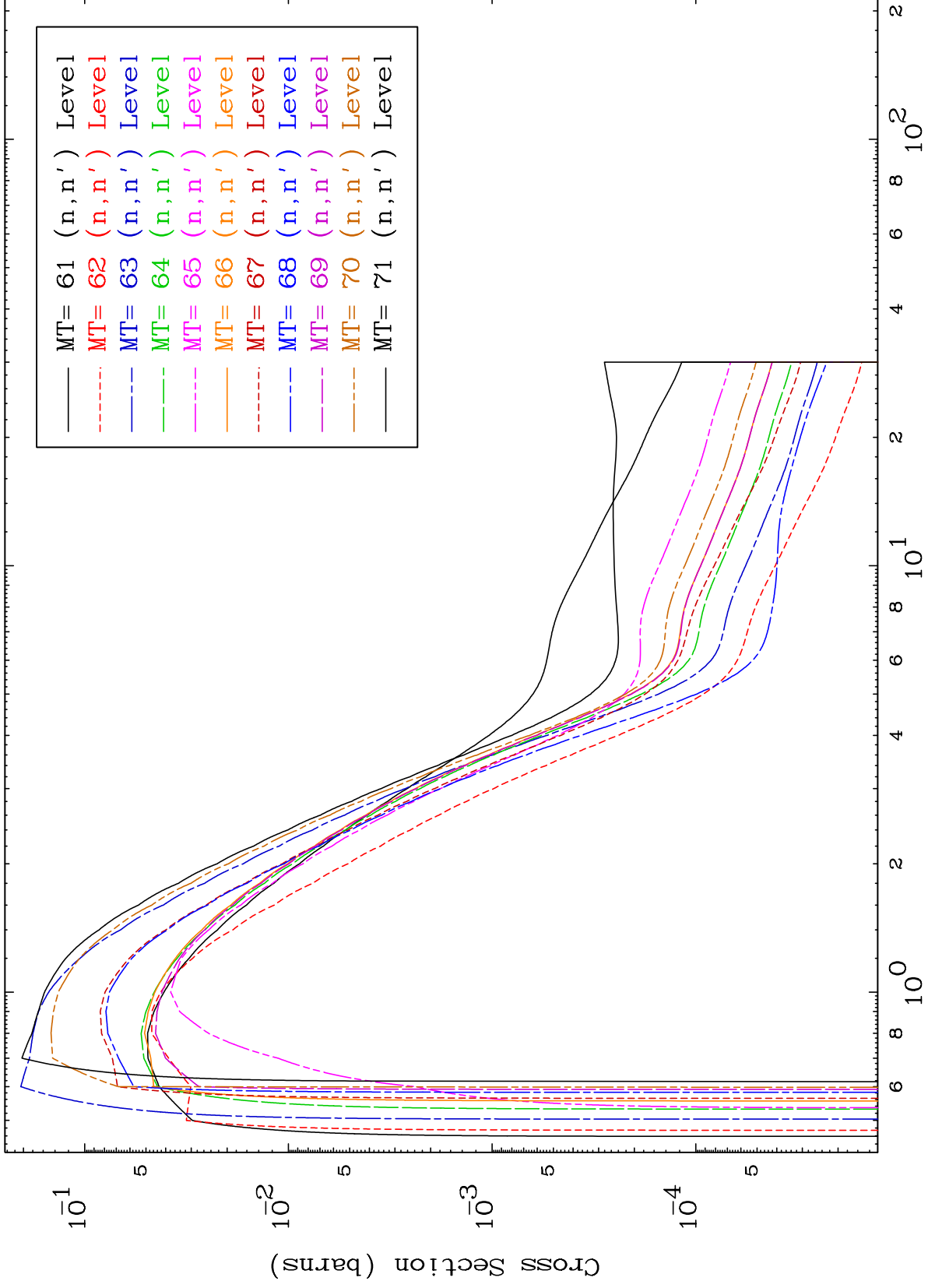


MAT 6719

(n,n') Level

67-Ho-163

293 Kelvin Cross Sections

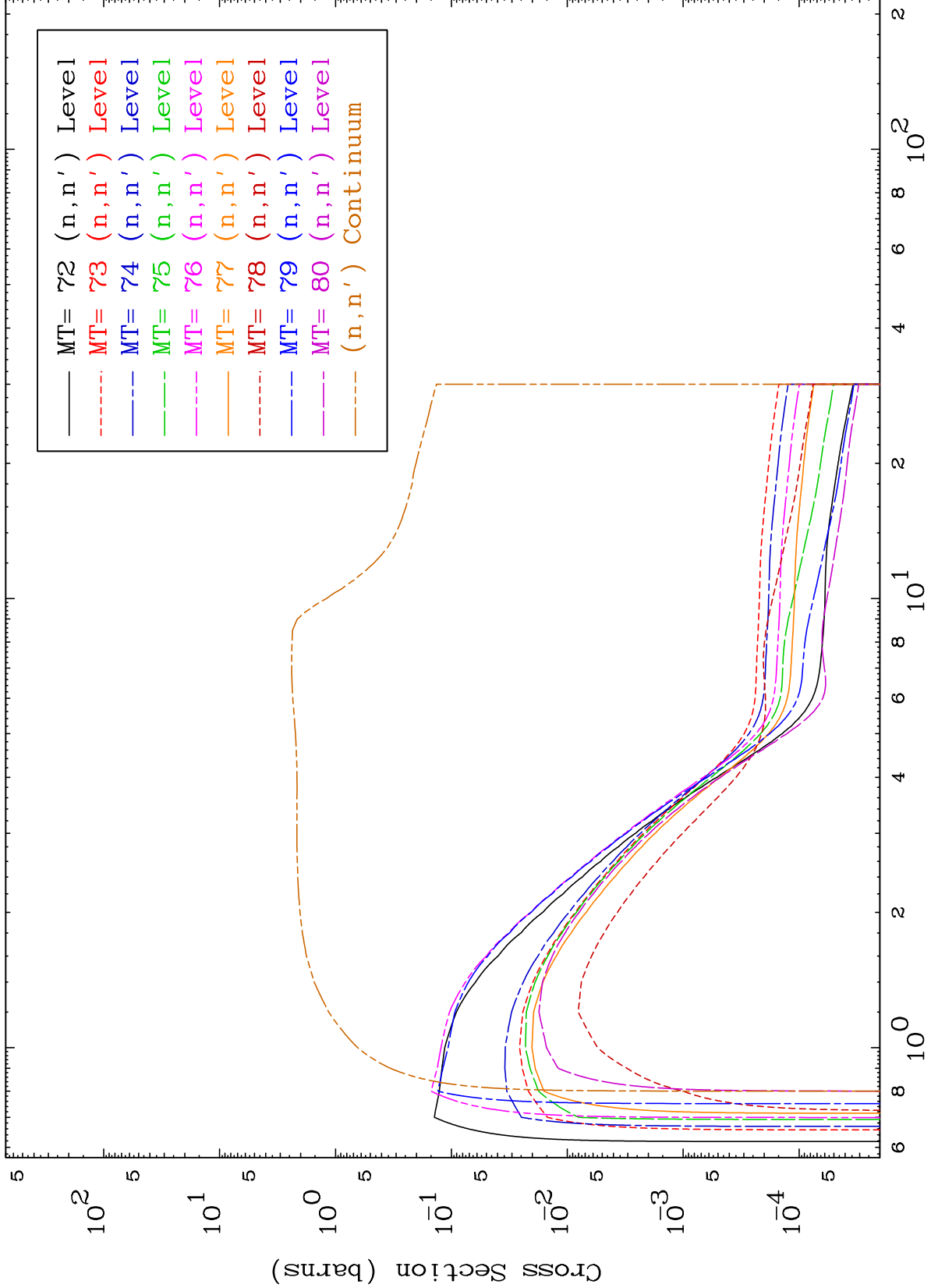


Incident Energy (MeV)

67-Ho-163

8

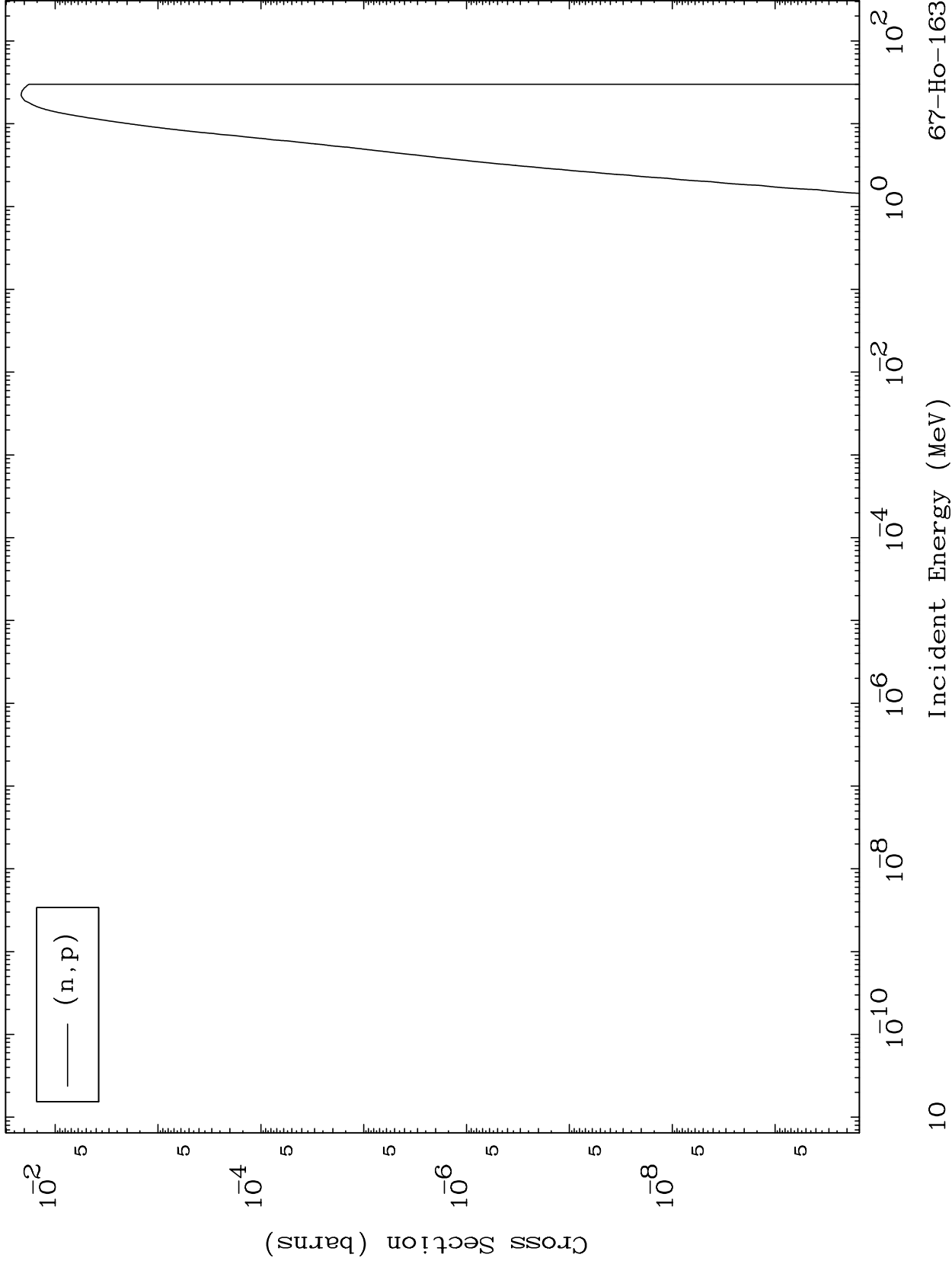
293 Kelvin Cross Sections



MAT 6719

(n,p) Levels  
293 Kelvin Cross Sections

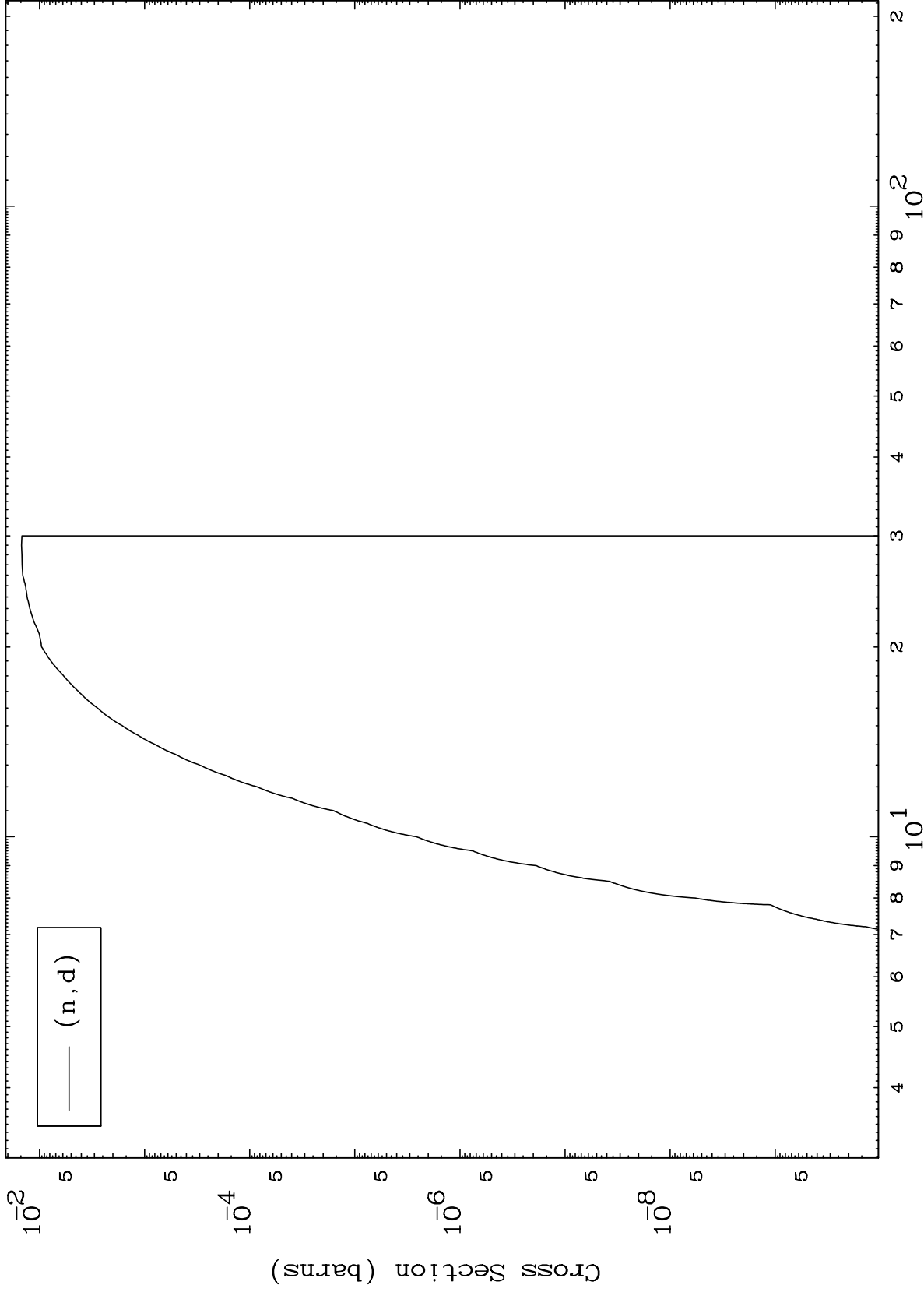
67-Ho-163



MAT 6719

(n,d) Levels  
293 Kelvin Cross Sections

67-Ho-163



11

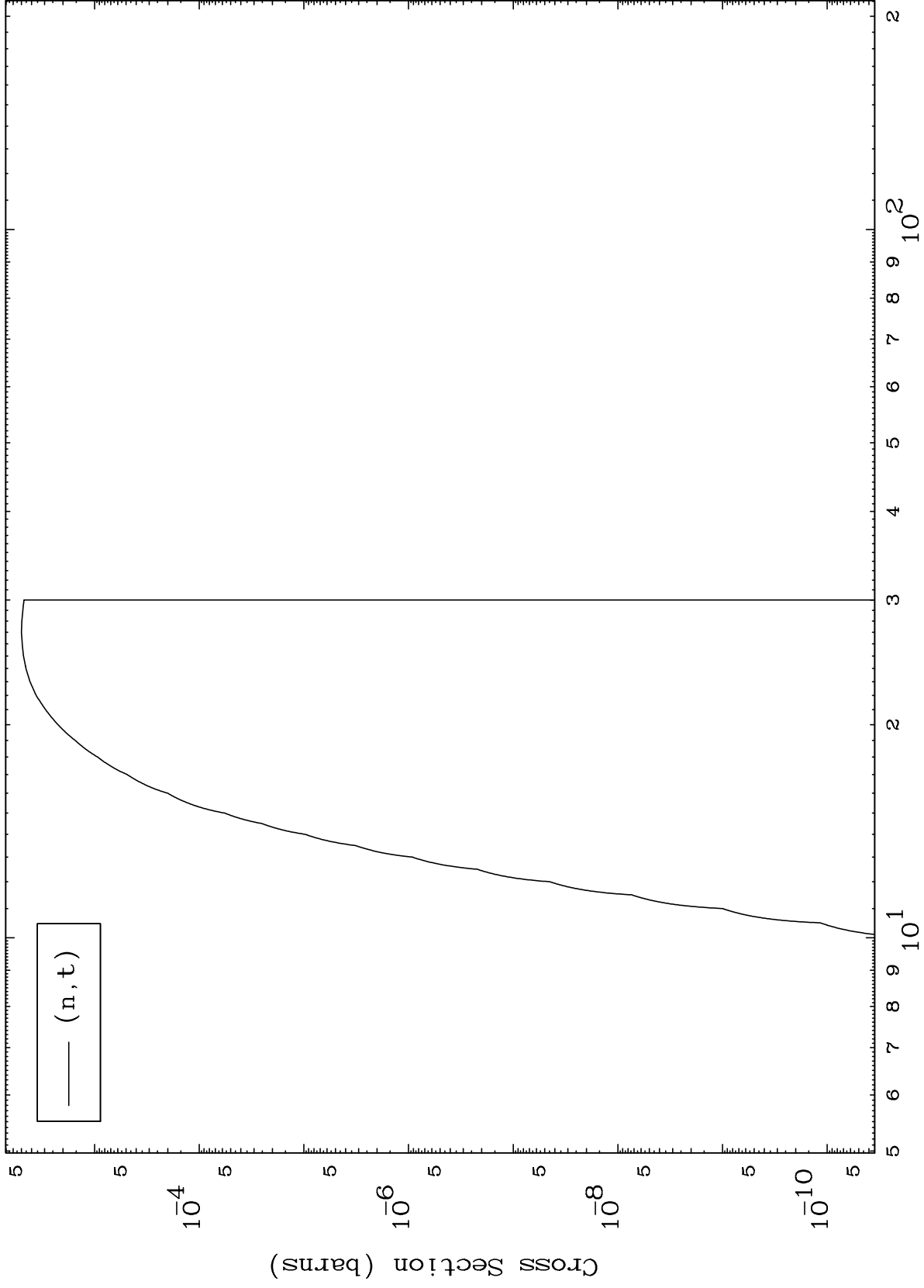
Incident Energy (MeV)

67-Ho-163

MAT 6719

(n,t) Levels  
293 Kelvin Cross Sections

67-Ho-163



12

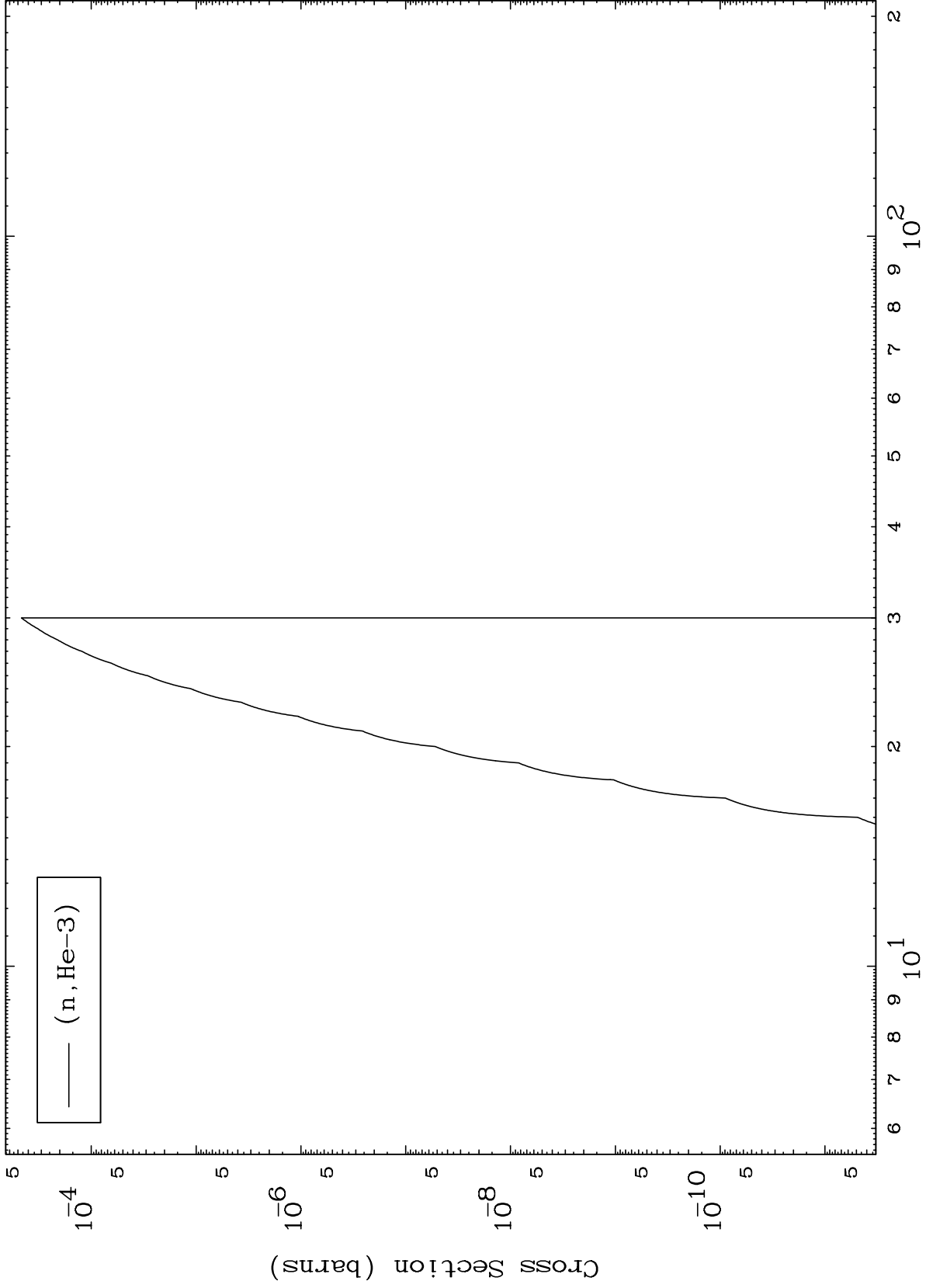
Incident Energy (MeV)

67-Ho-163

MAT 6719

(n,He3) Levels  
293 Kelvin Cross Sections

67-Ho-163



13

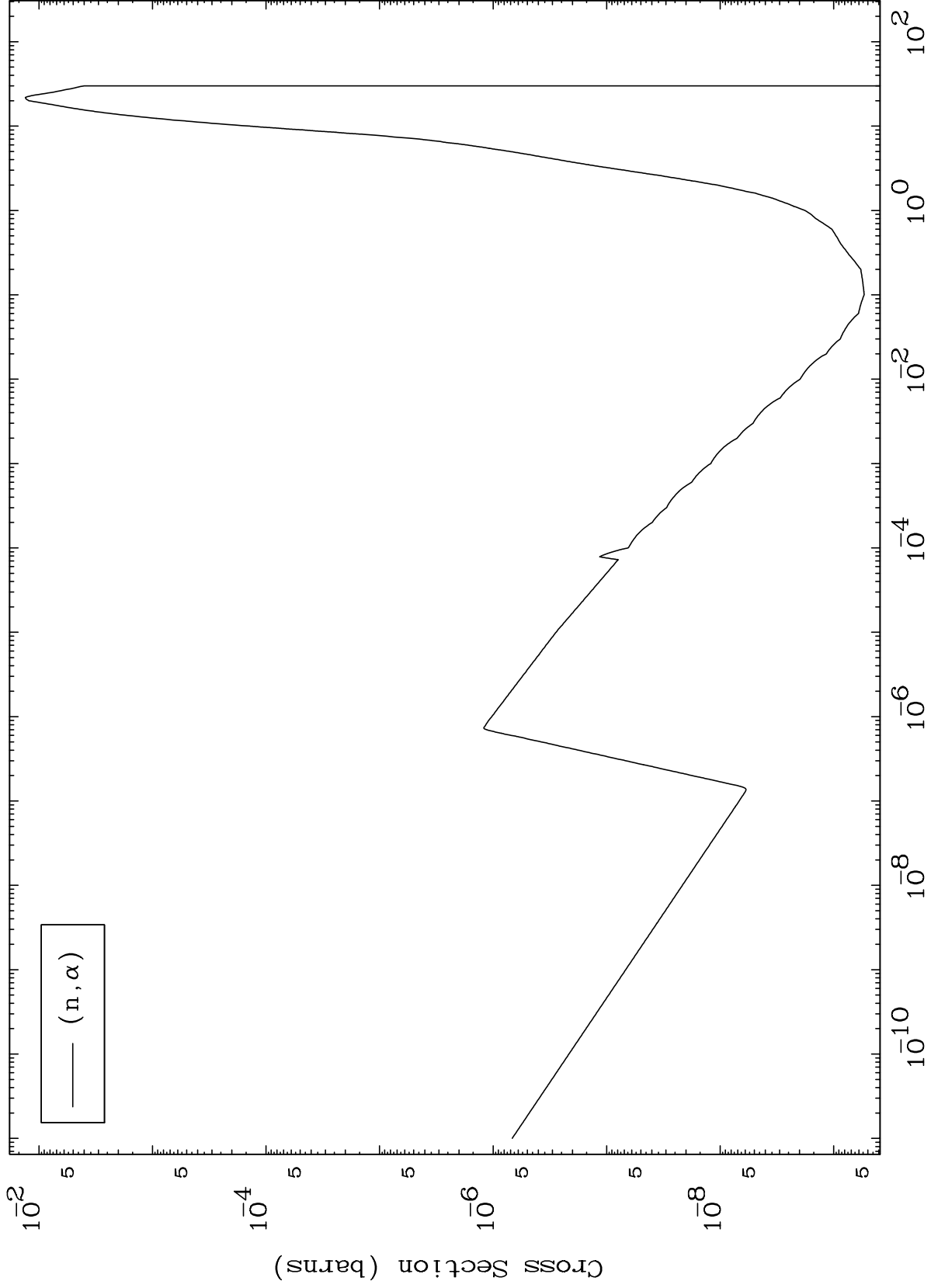
Incident Energy (MeV)

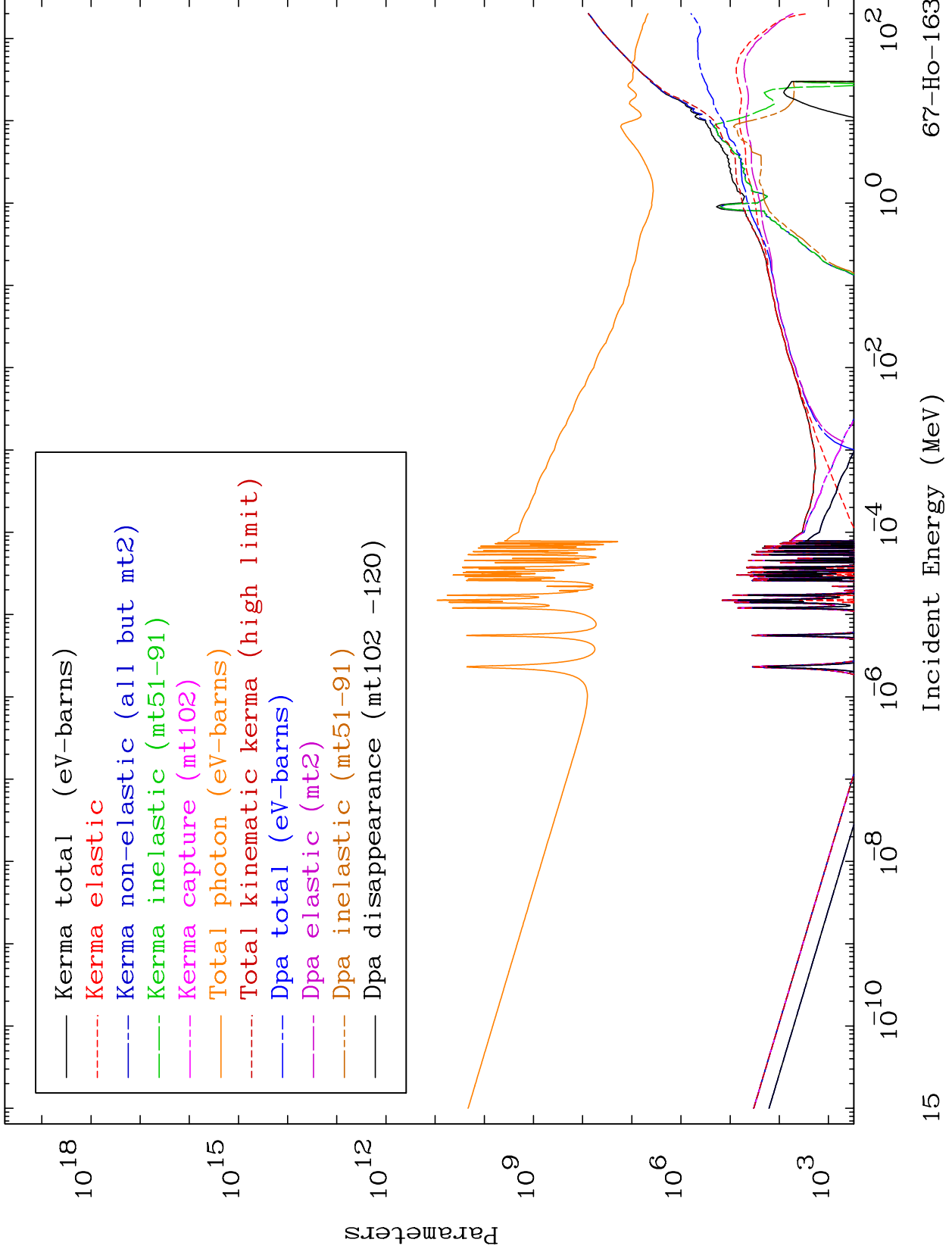
67-Ho-163

MAT 6719

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

67-Ho-163



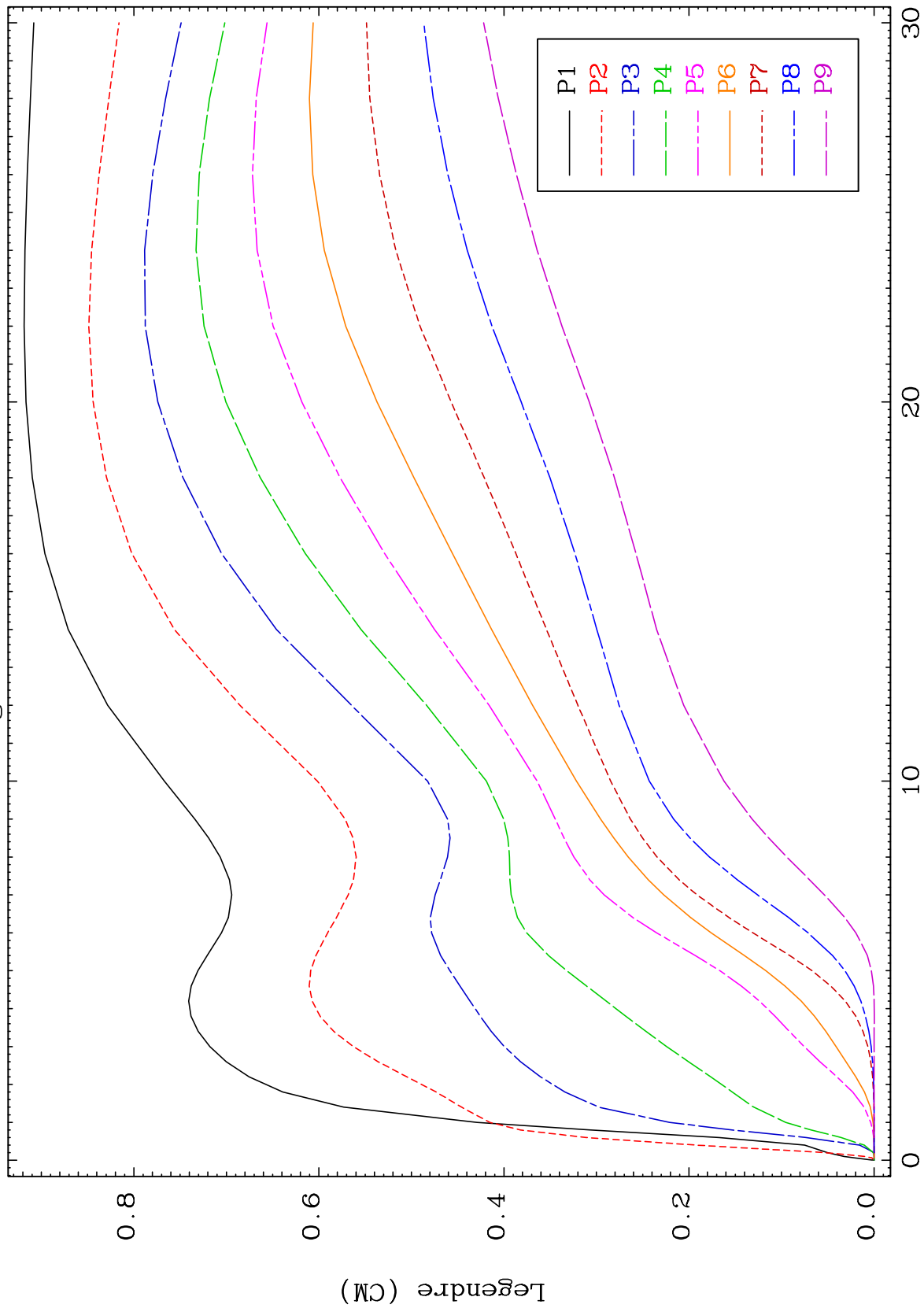




MAT 6719

Elastic Legendre Coefficients

67-Ho-163



16

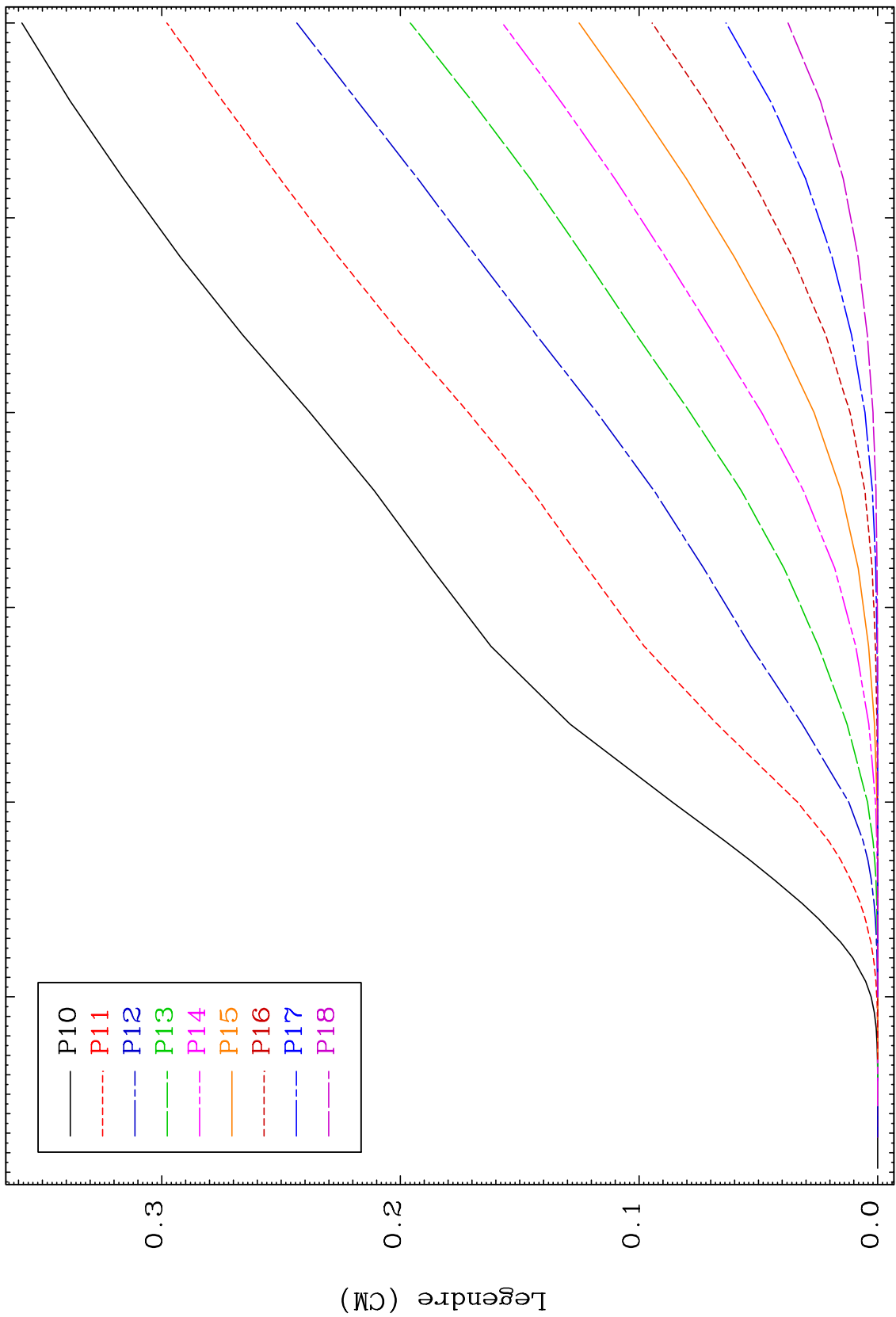
Incident Energy (MeV)

67-Ho-163

MAT 6719

Elastic Legendre Coefficients

67-Ho-163



17

Incident Energy (MeV)

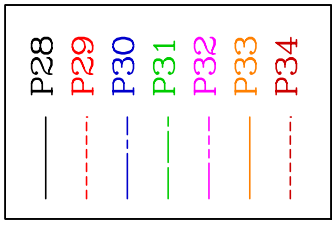
67-Ho-163



MAT 6719

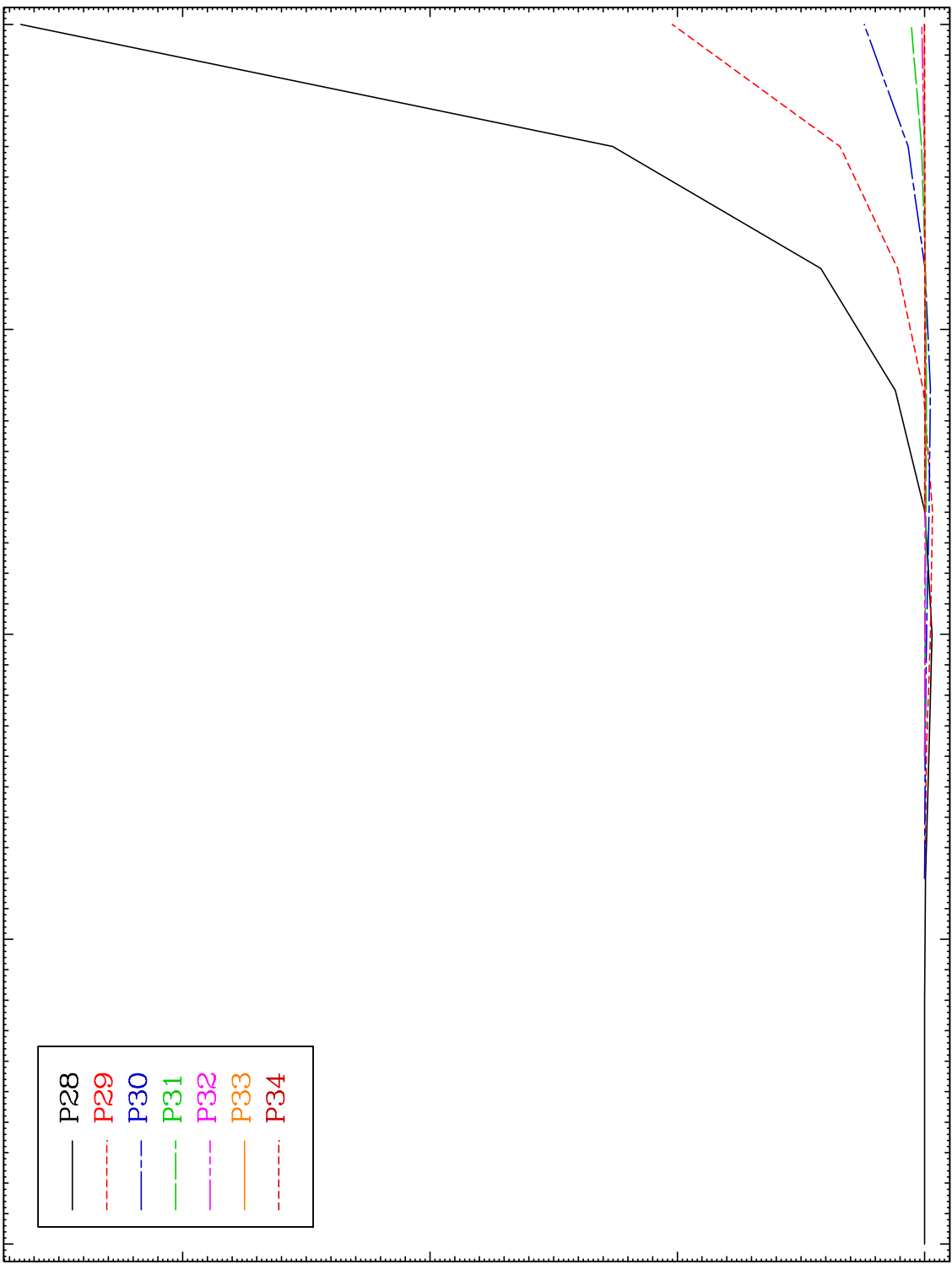
Elastic  
Legendre Coefficients

67-Ho-163



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

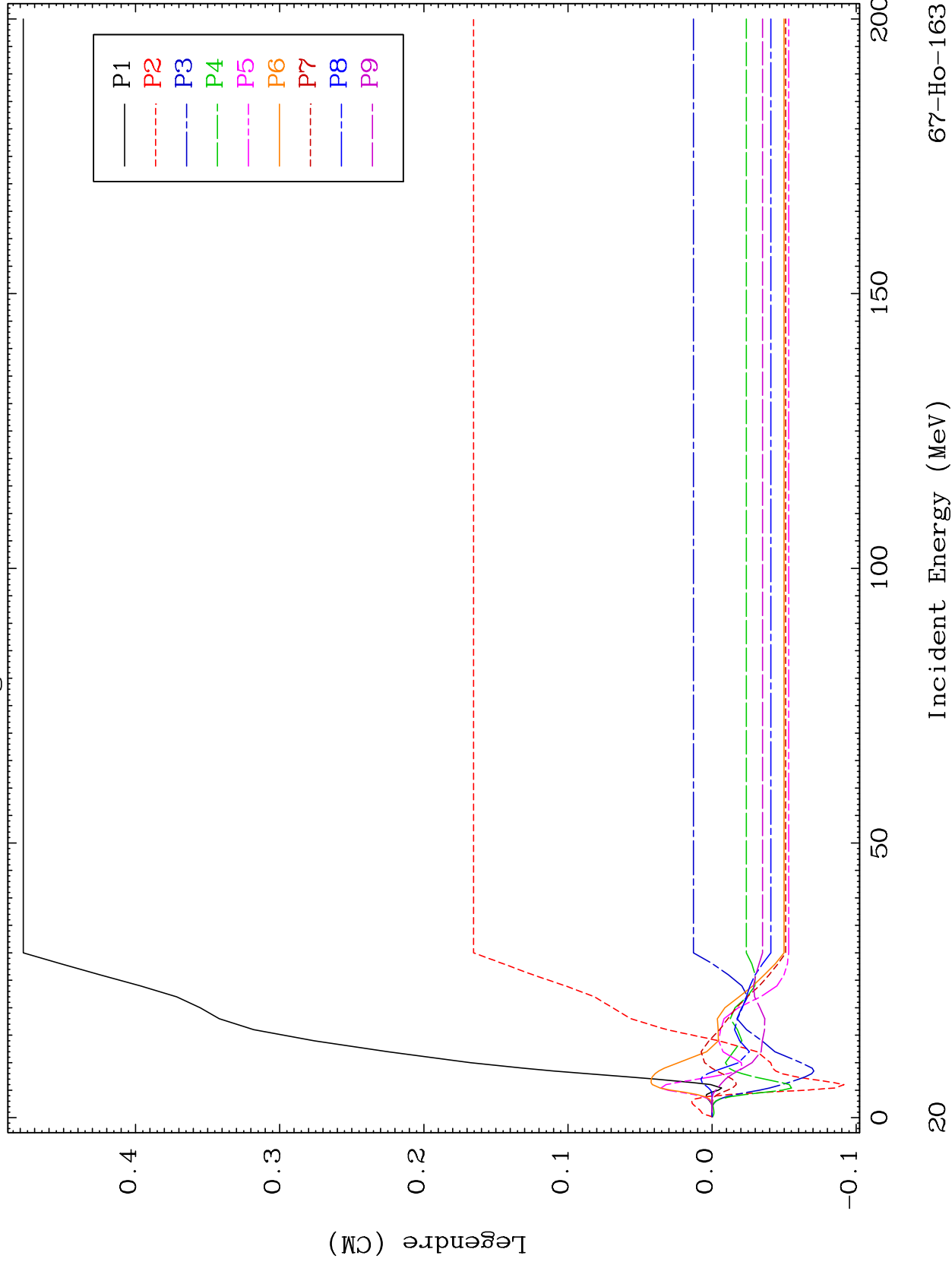
67-Ho-163

19

MAT 6719

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

67-Ho-163



67-Ho-163

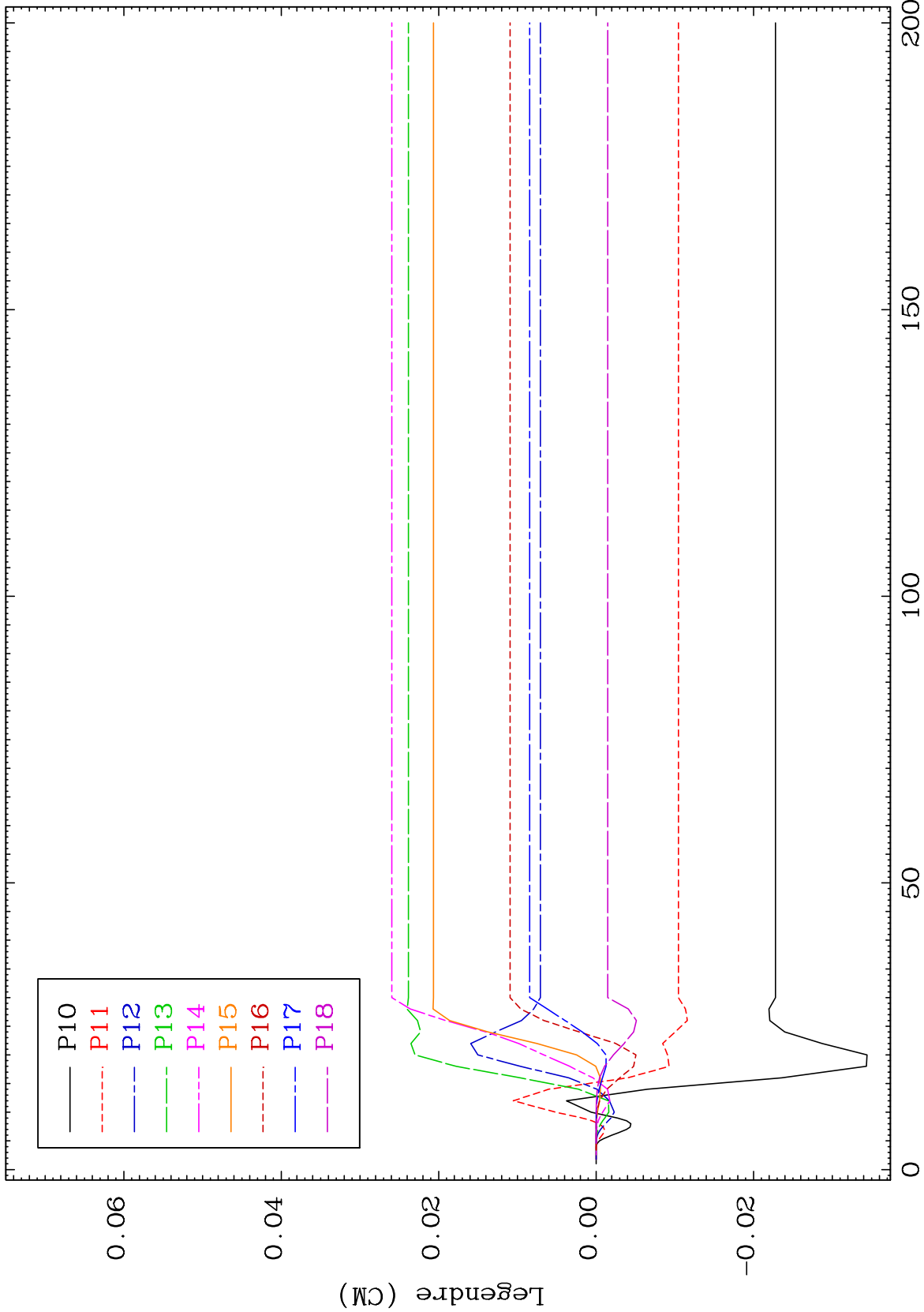
Incident Energy (MeV)

20

MAT 6719

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

67-Ho-163



21

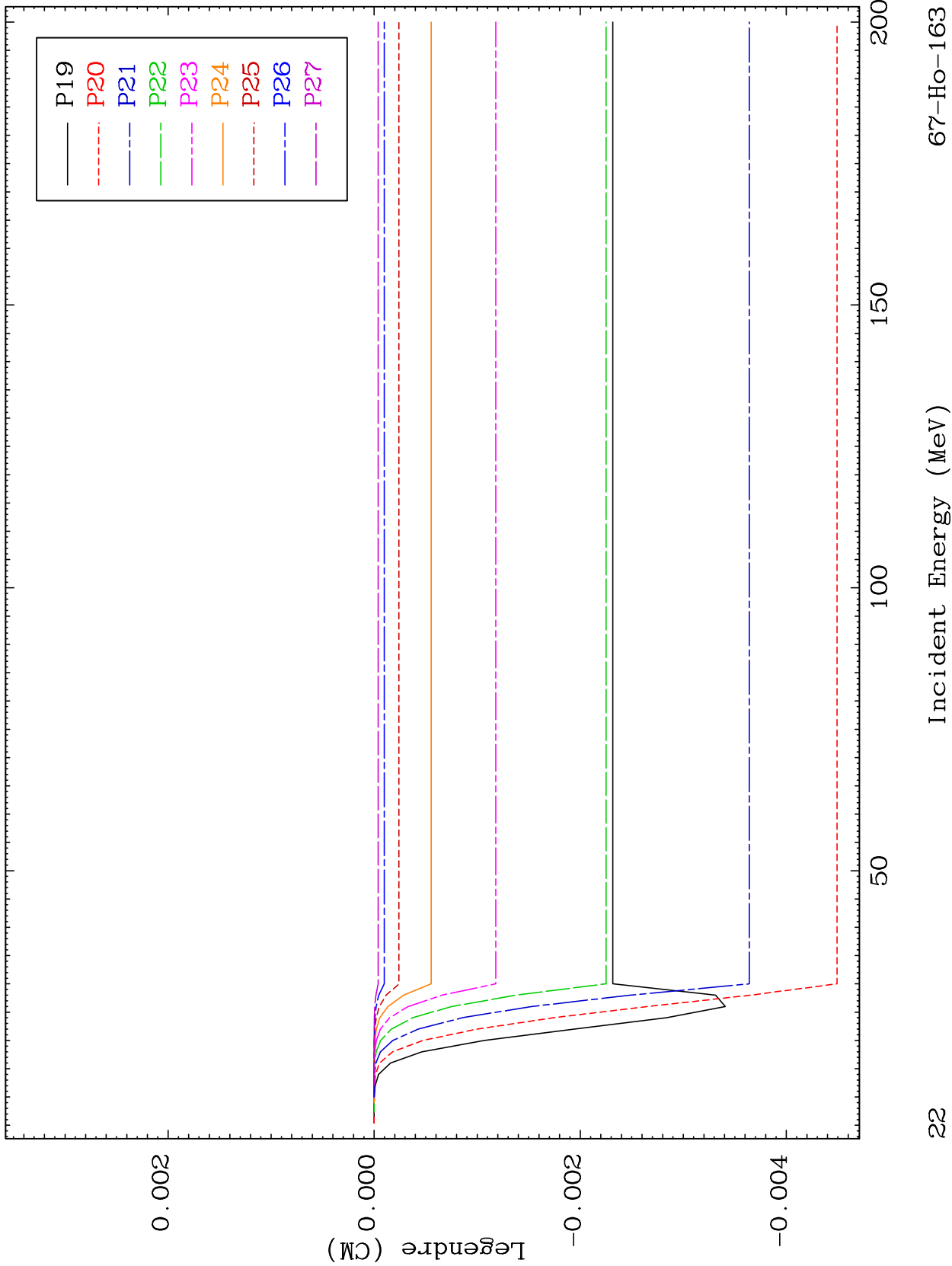
Incident Energy (MeV)

67-Ho-163

MAT 6719

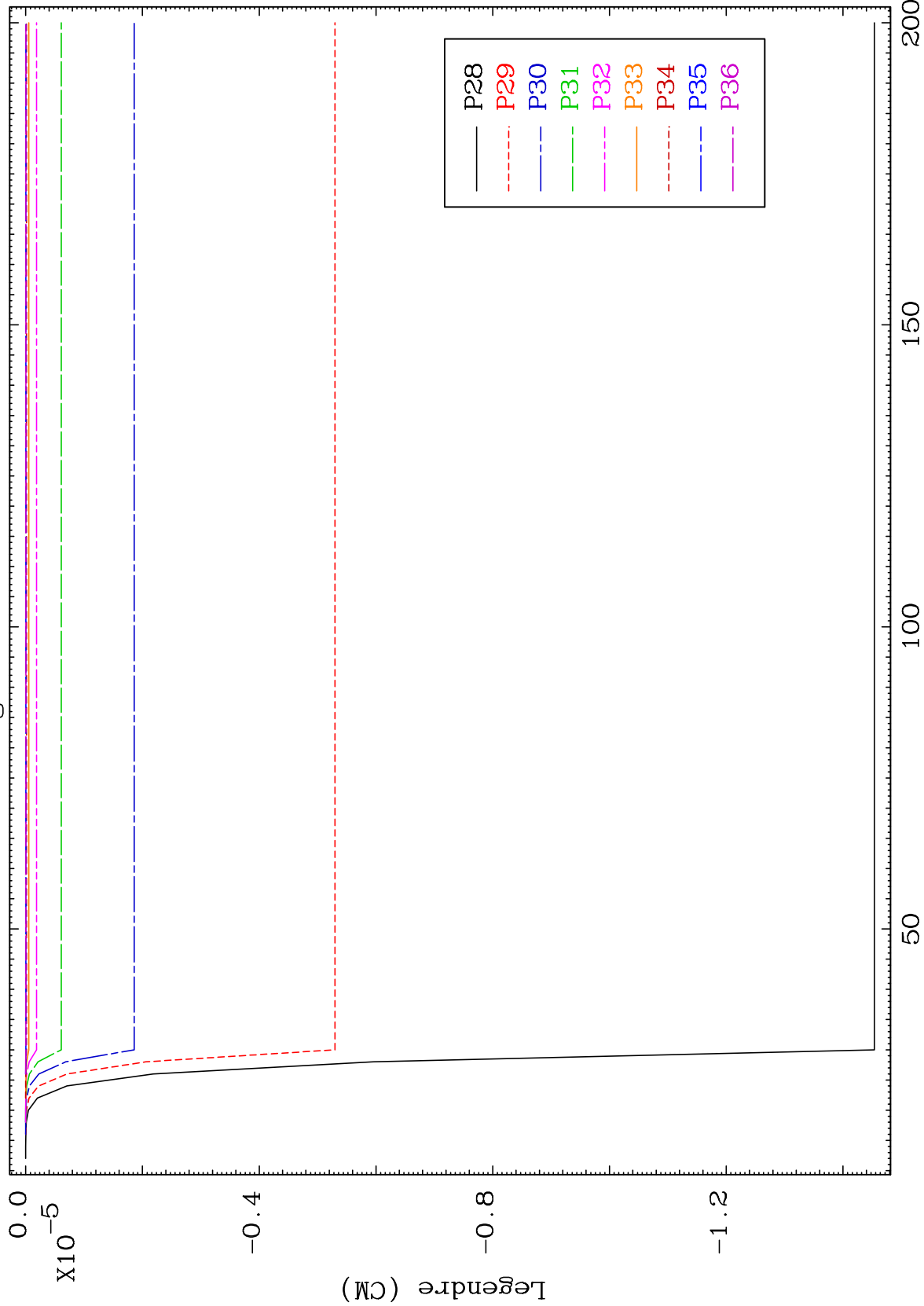
MT= 51 (n,n') Level  
Legendre Coefficients

67-Ho-163



22

67-Ho-163

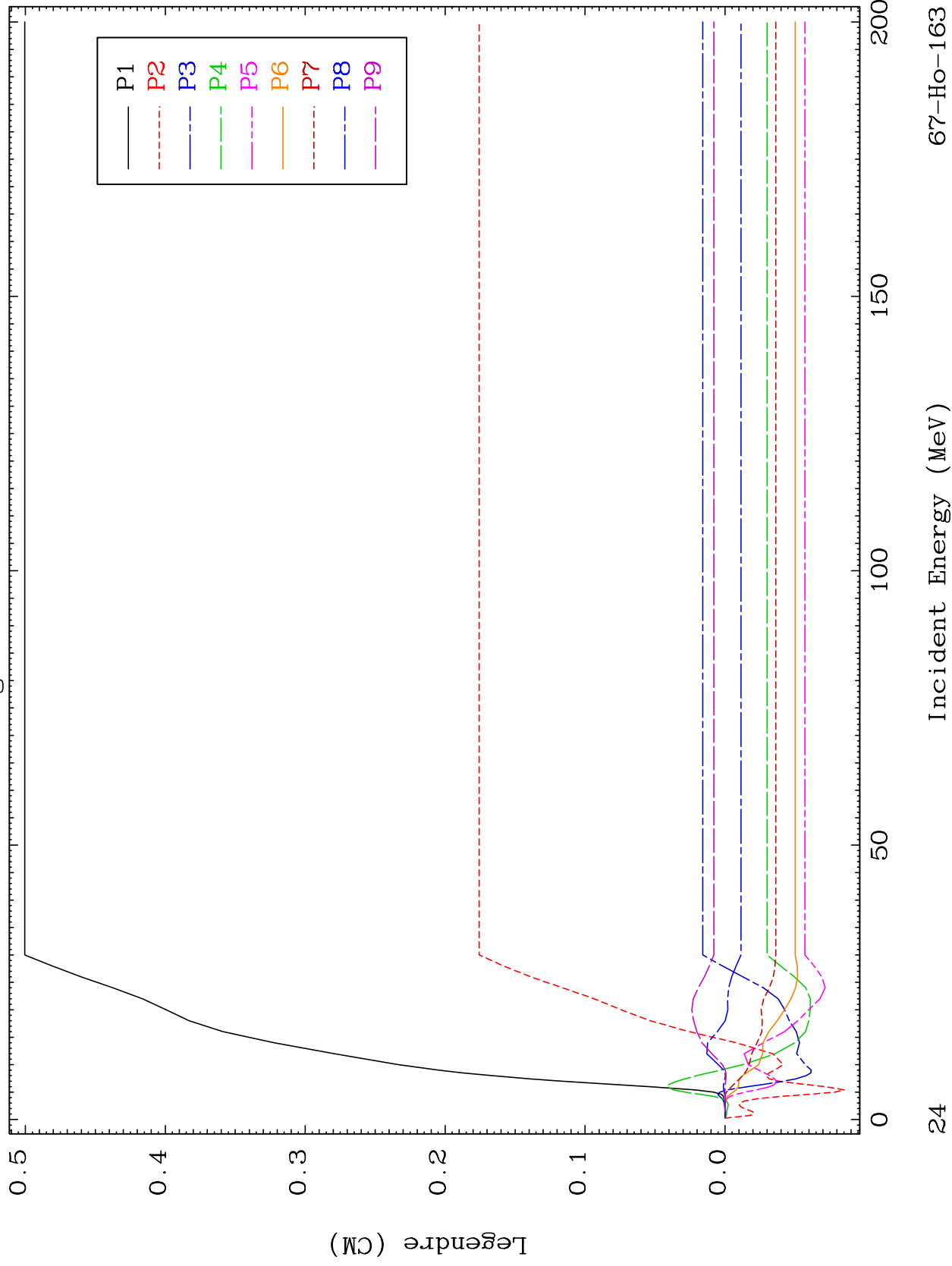




MAT 6719

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

67-Ho-163



67-Ho-163

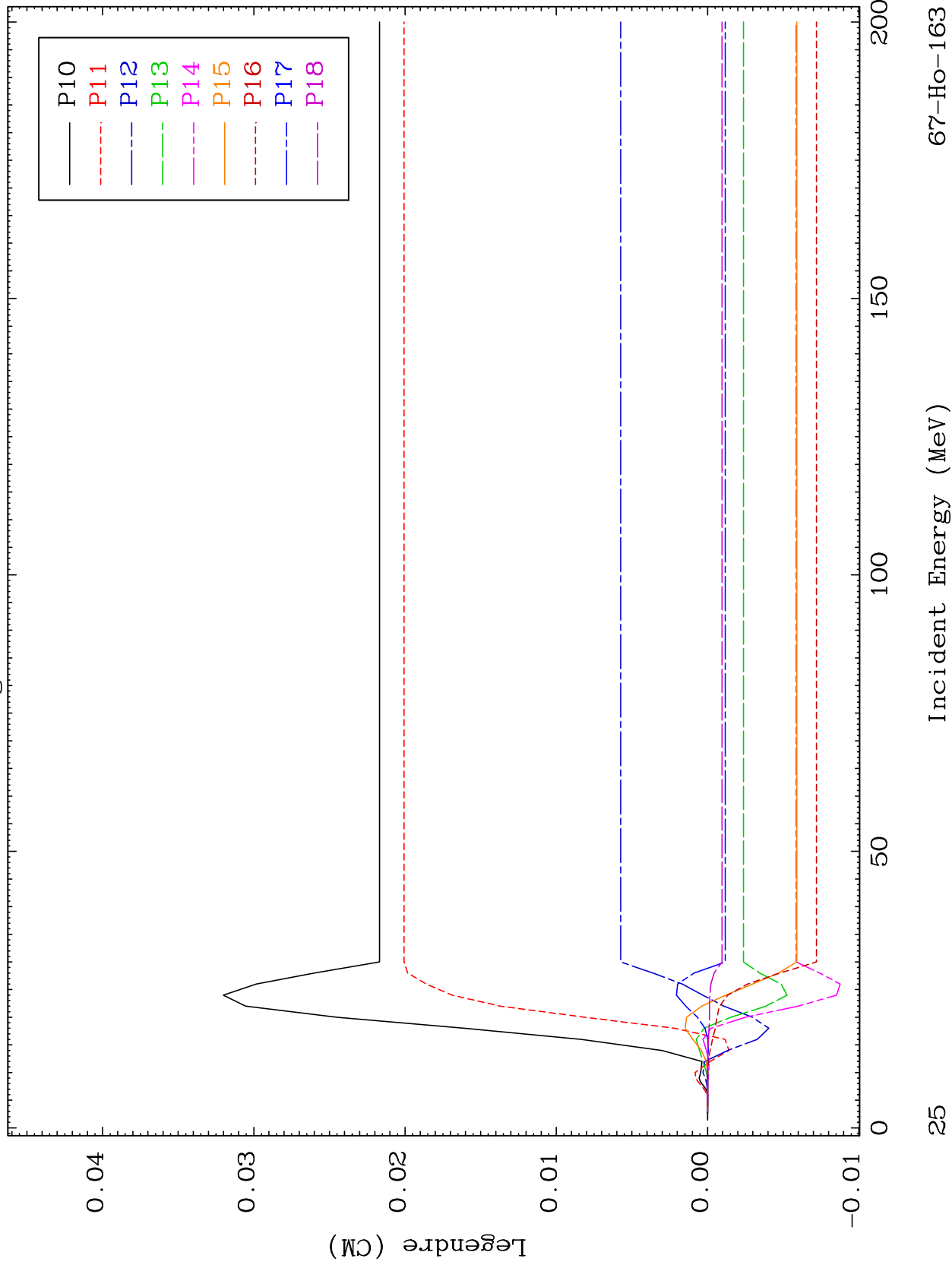
Incident Energy (MeV)

24

MAT 6719

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

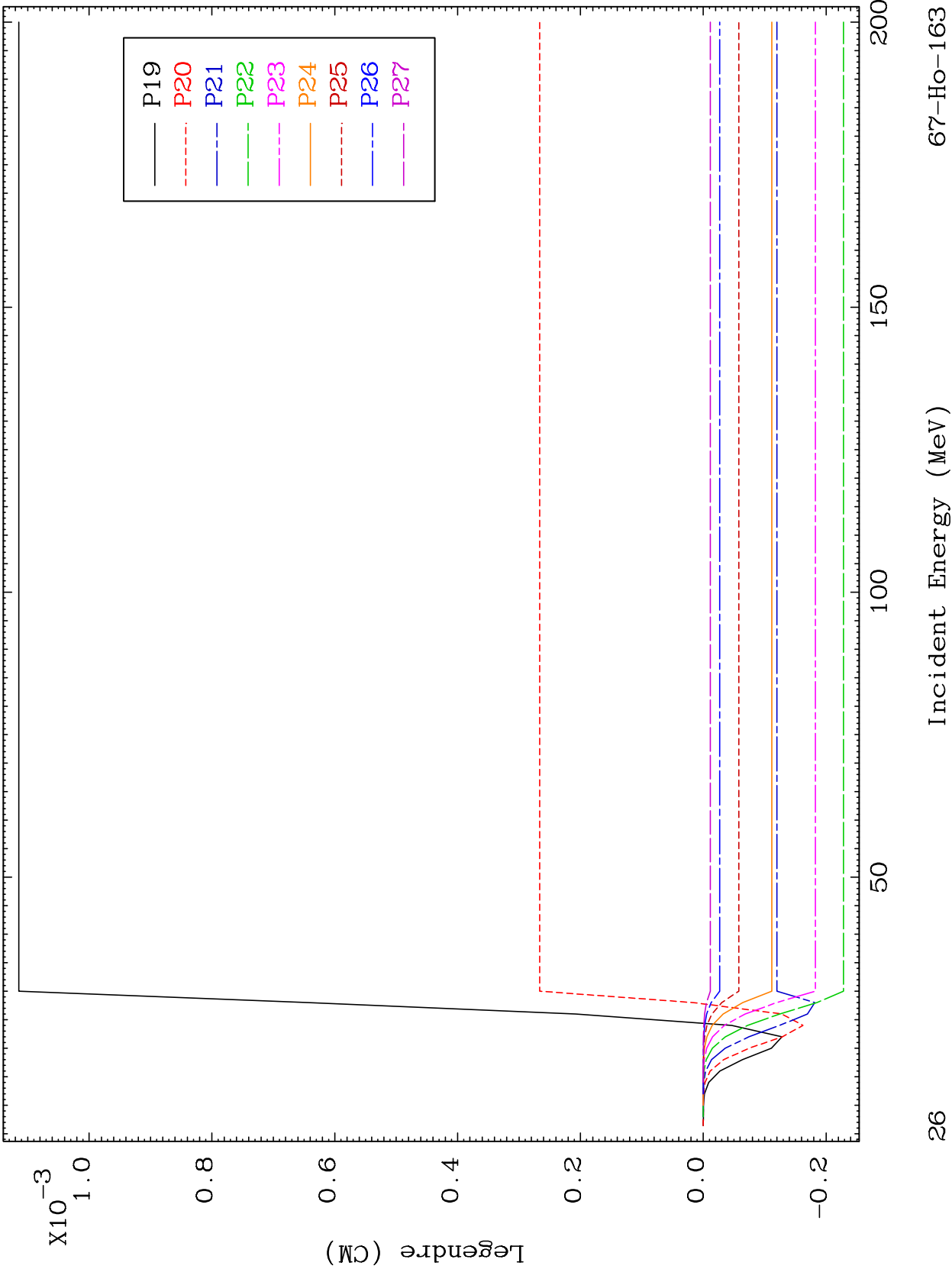
67-Ho-163



67-Ho-163

Incident Energy (MeV)

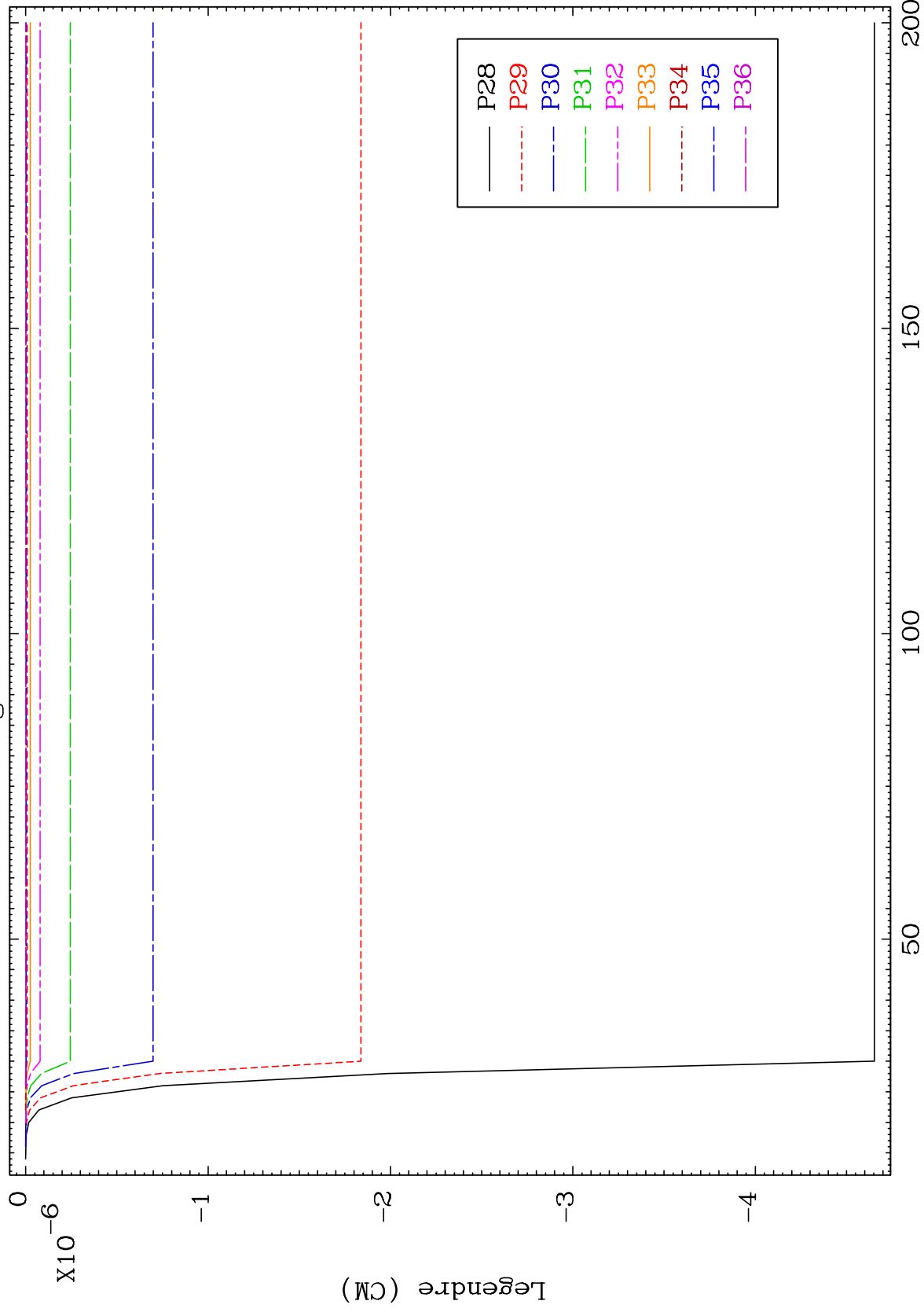
25



MAT 6719

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

67-Ho-163



27

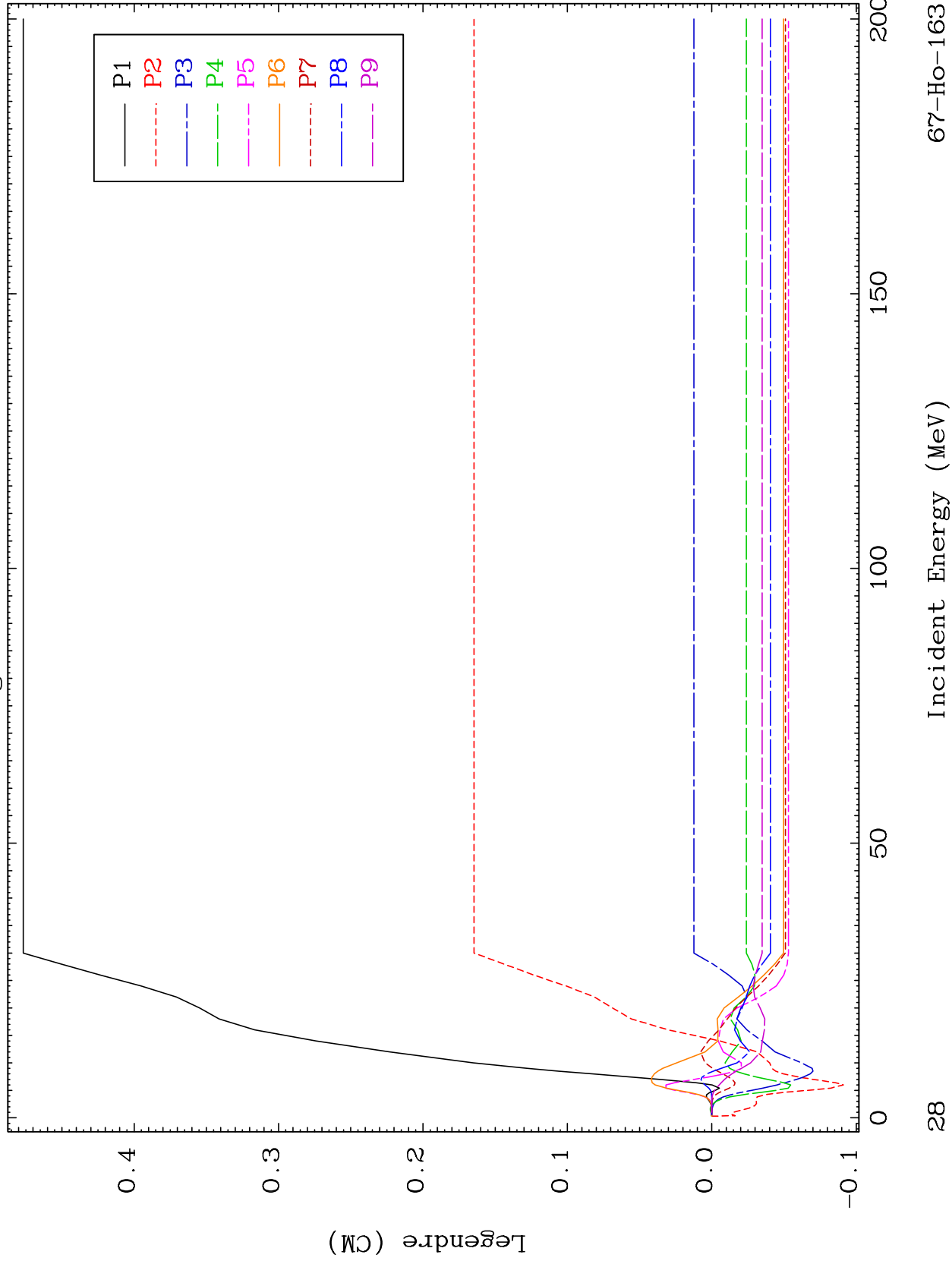
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



67-Ho-163

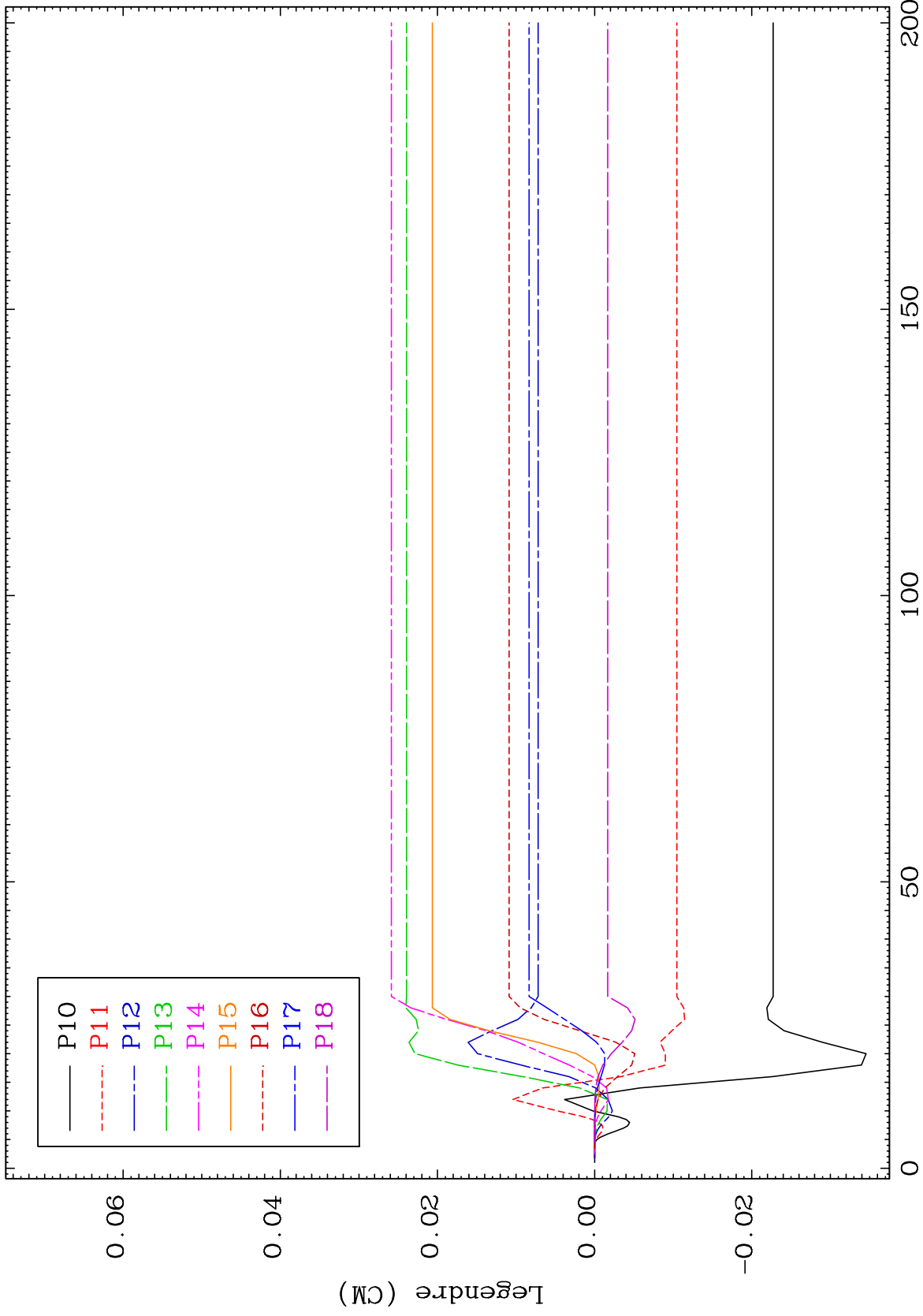
Incident Energy (MeV)

28

MAT 6719

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

67-Ho-163



29

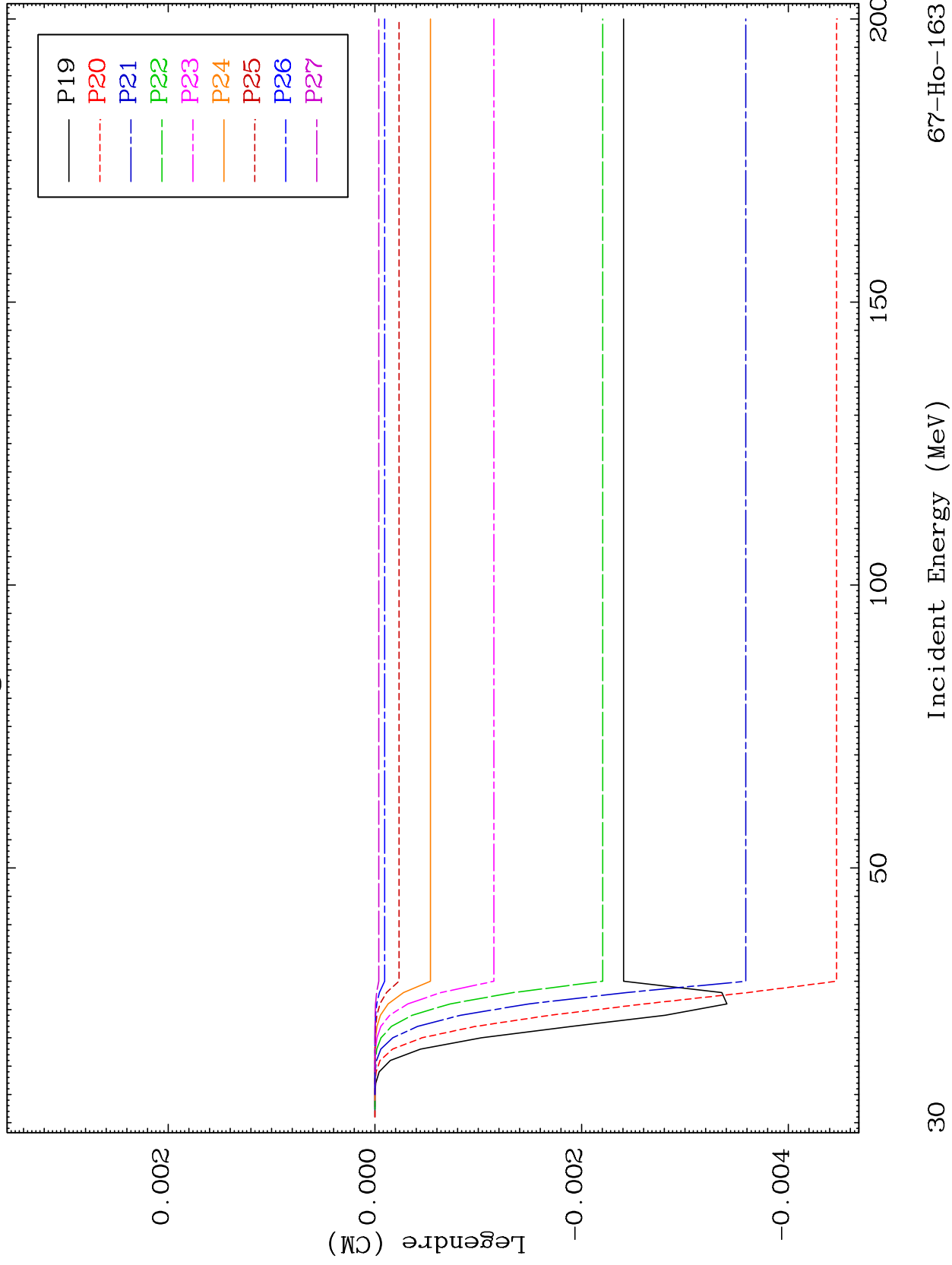
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



67-Ho-163

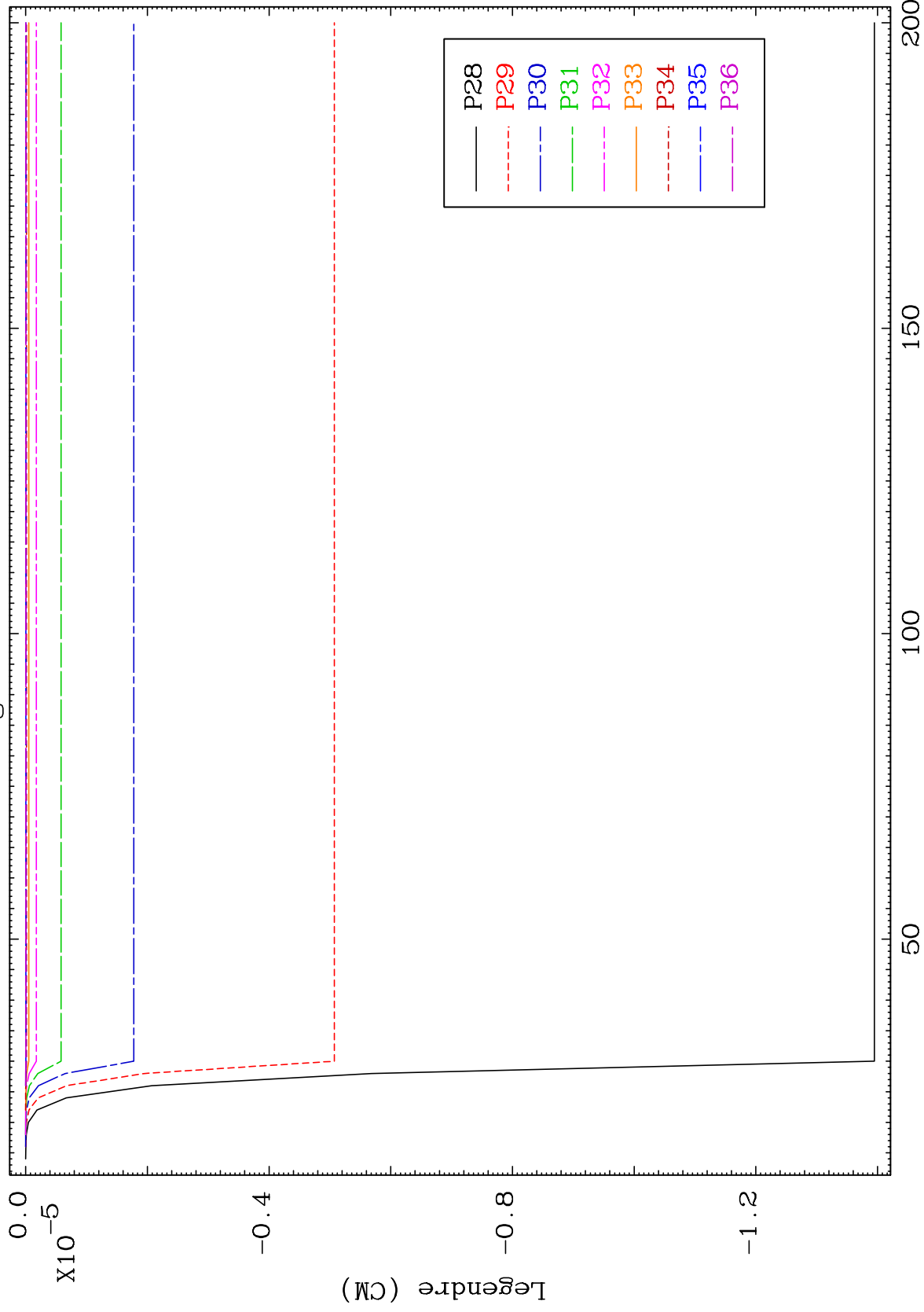
Incident Energy (MeV)

30

MAT 6719

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

67-Ho-163



31

Incident Energy (MeV)

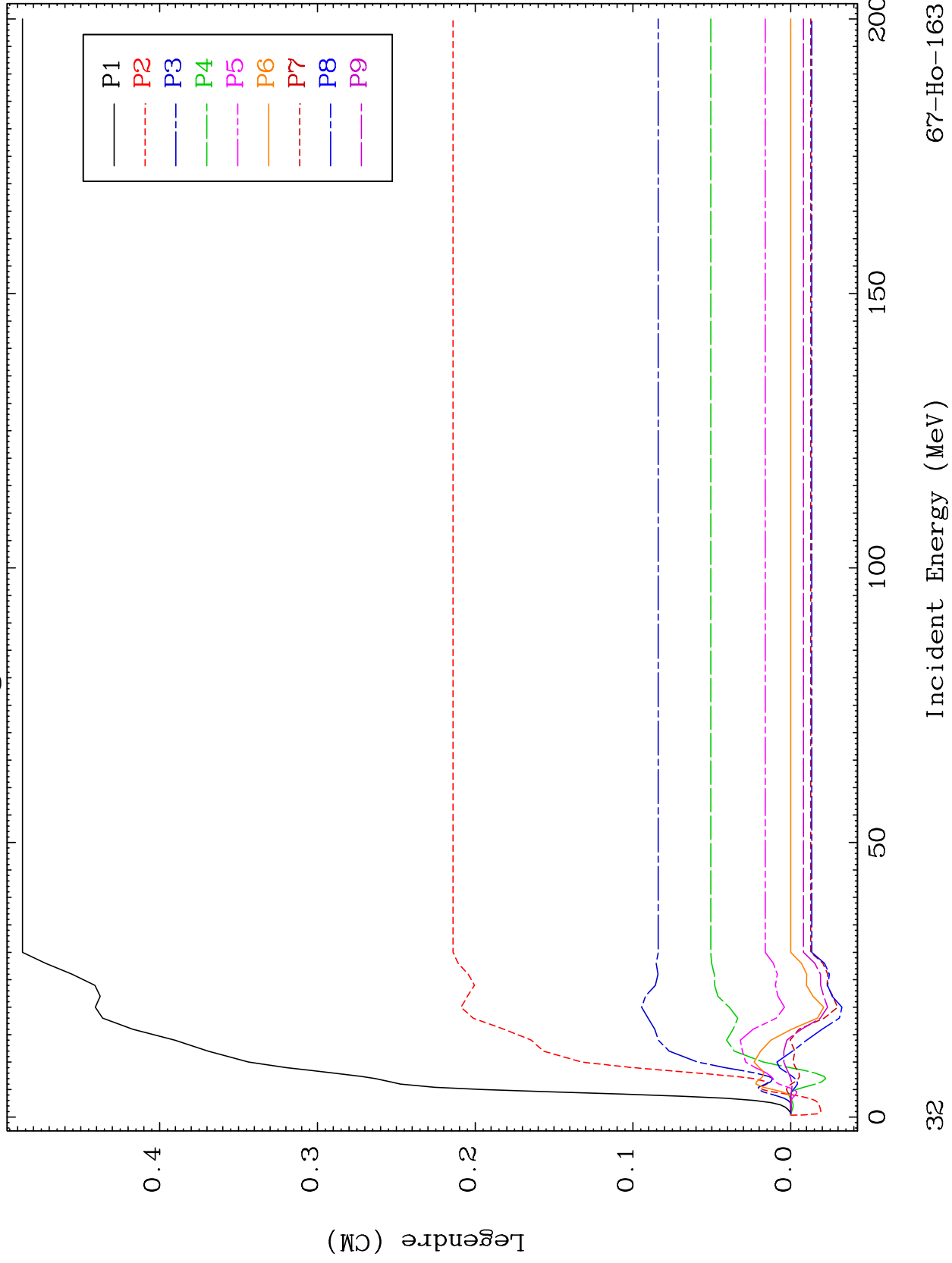
67-Ho-163



MAT 6719

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

67-Ho-163



67-Ho-163

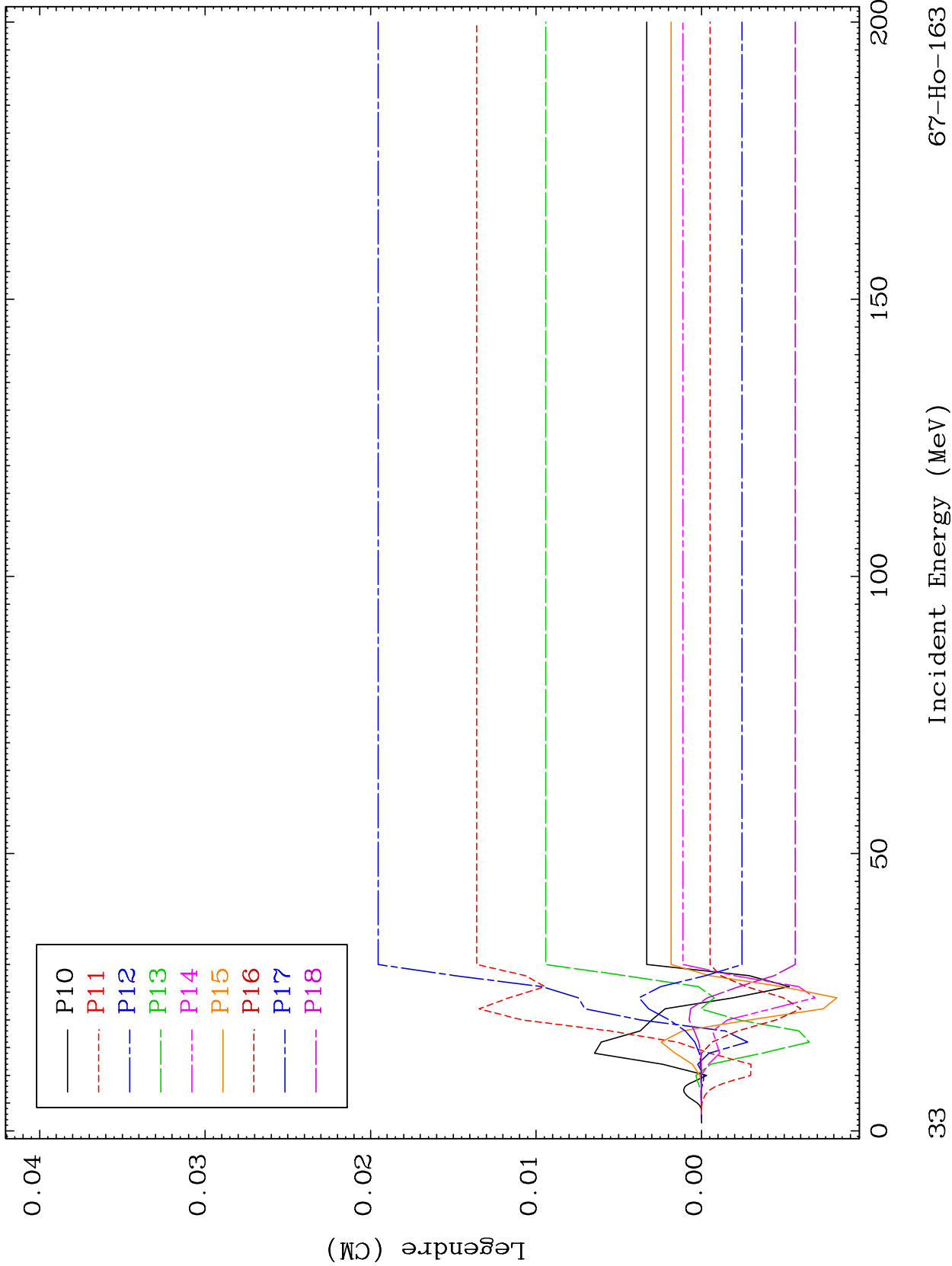
Incident Energy (MeV)

32

MAT 6719

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

67-Ho-163



33

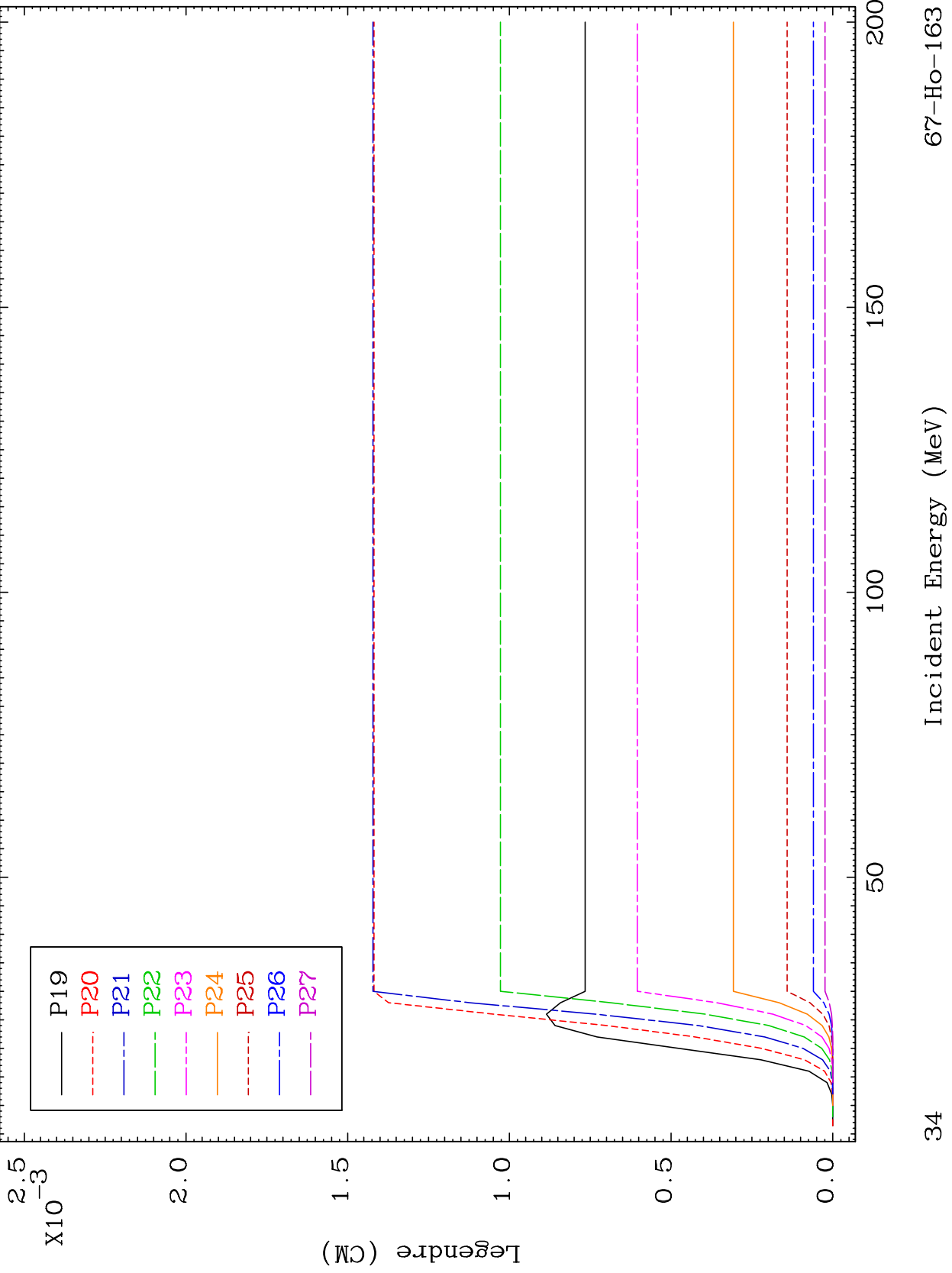
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



34

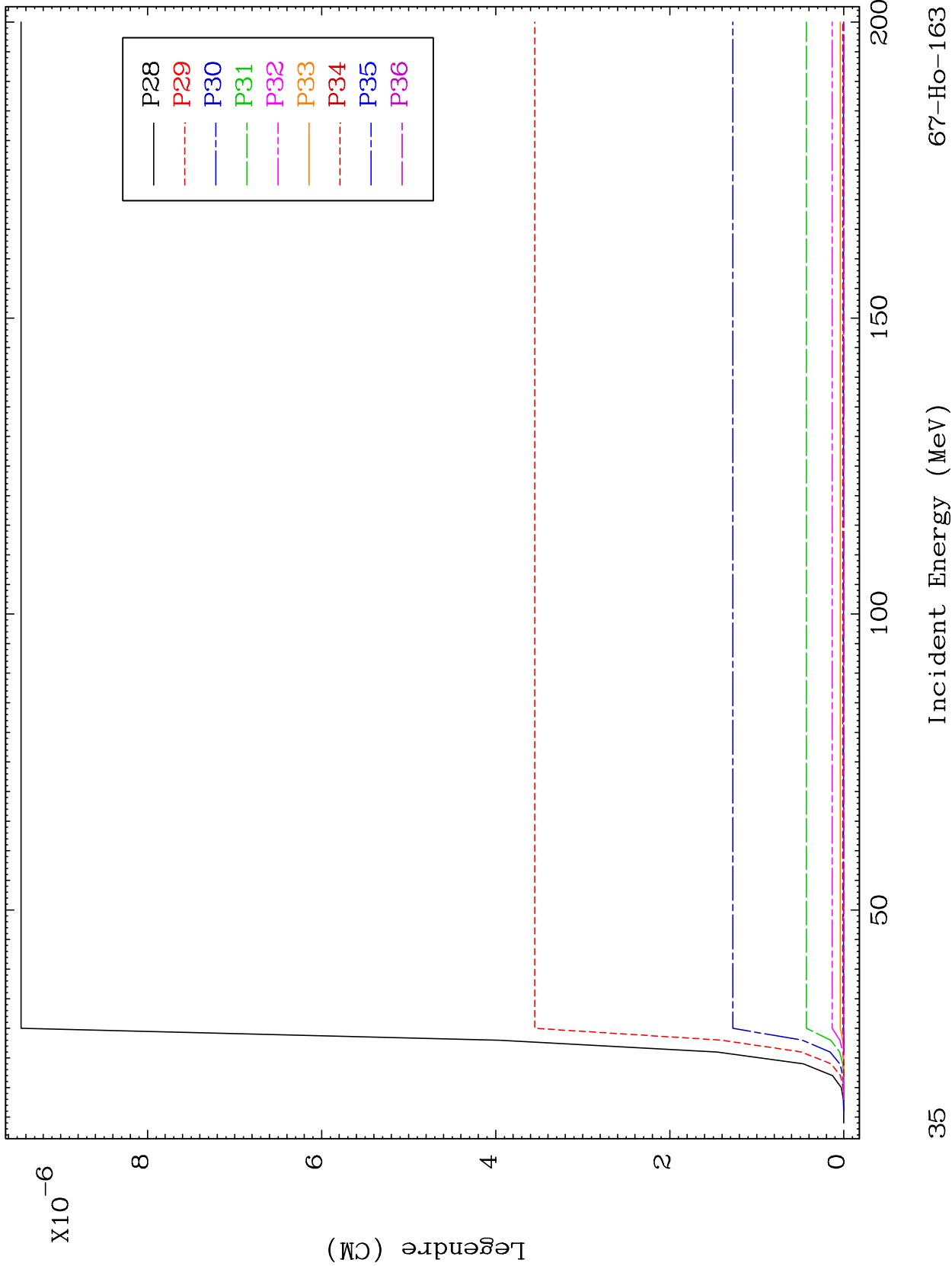
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



35

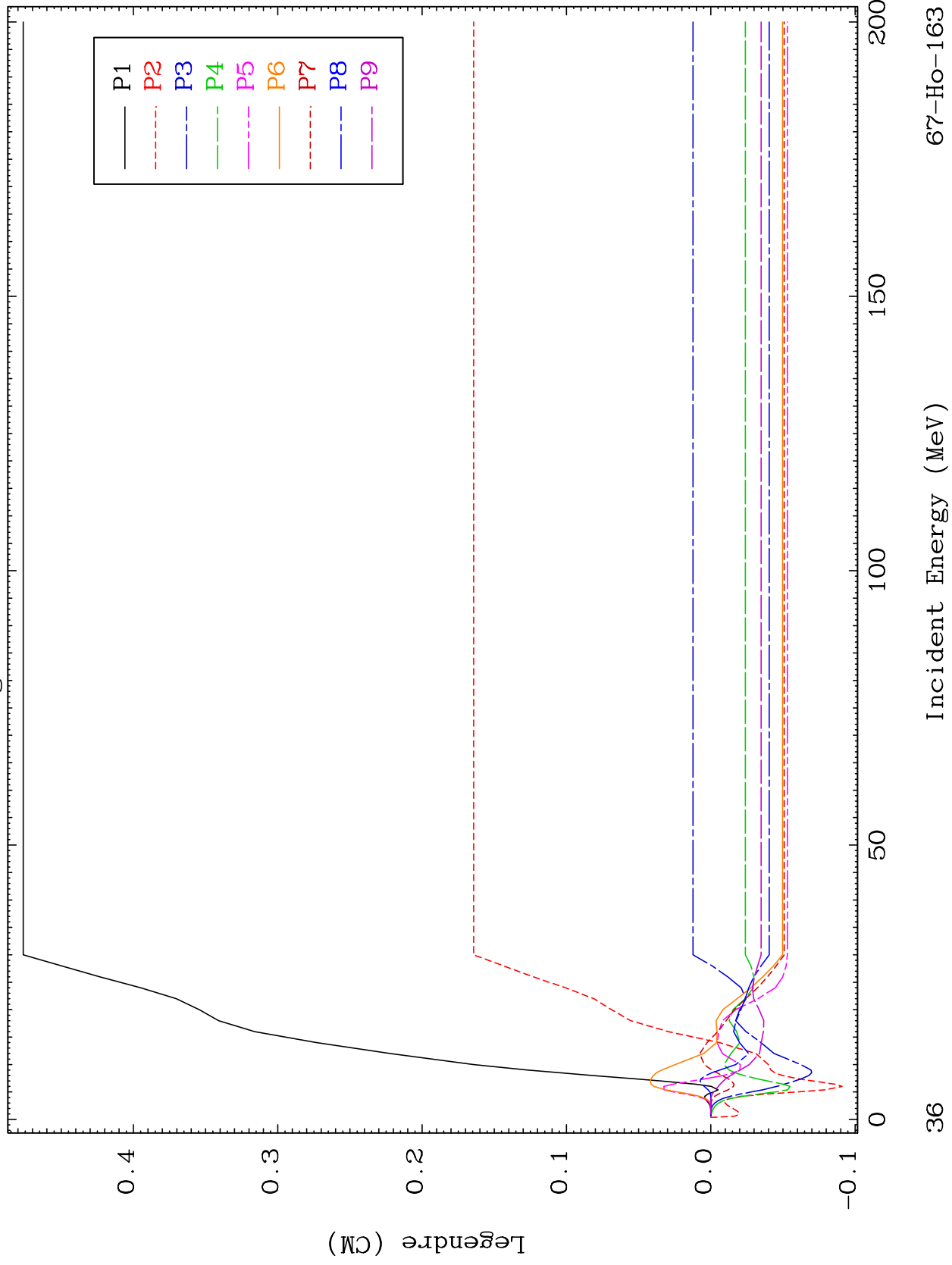
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



36

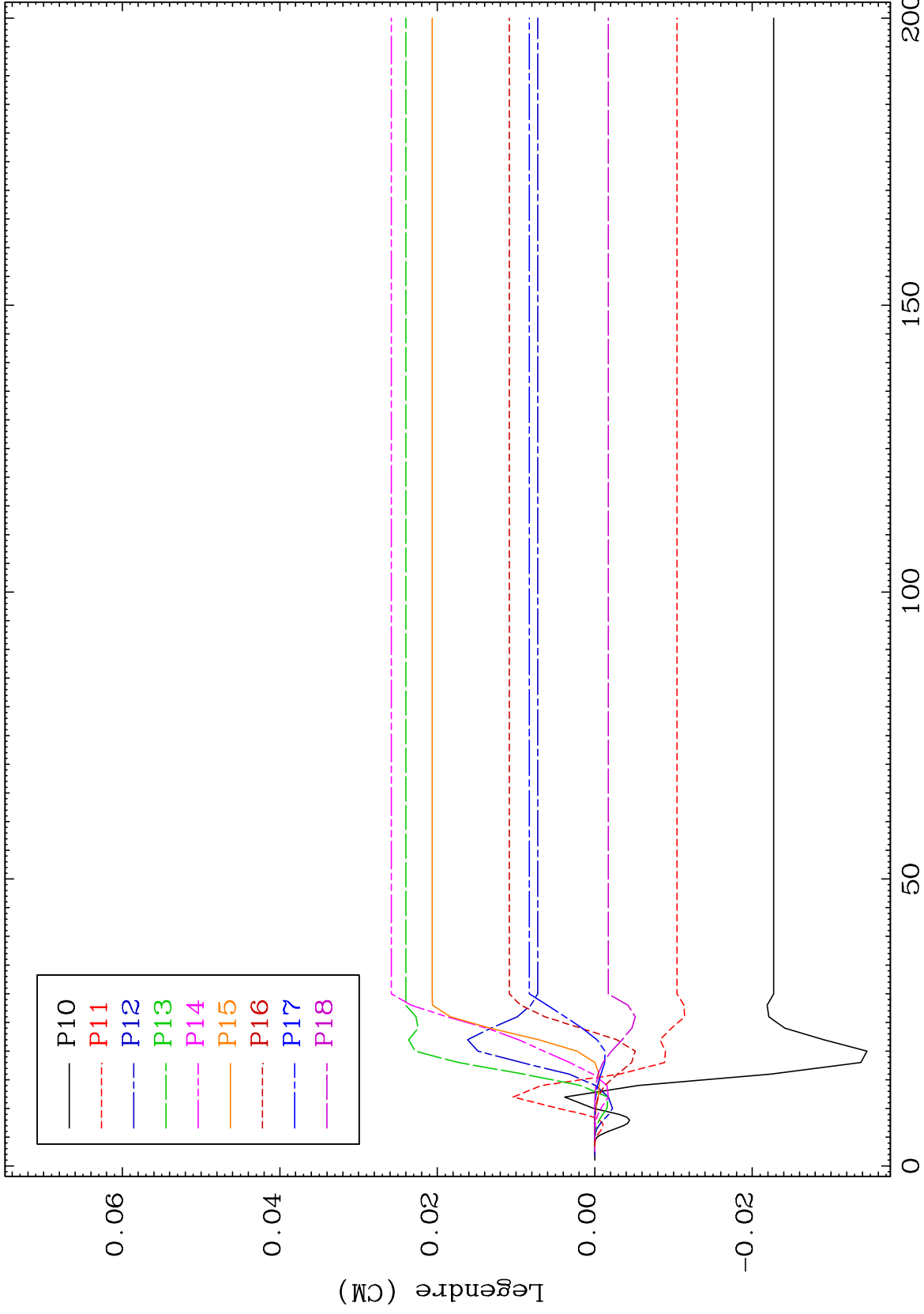
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



37

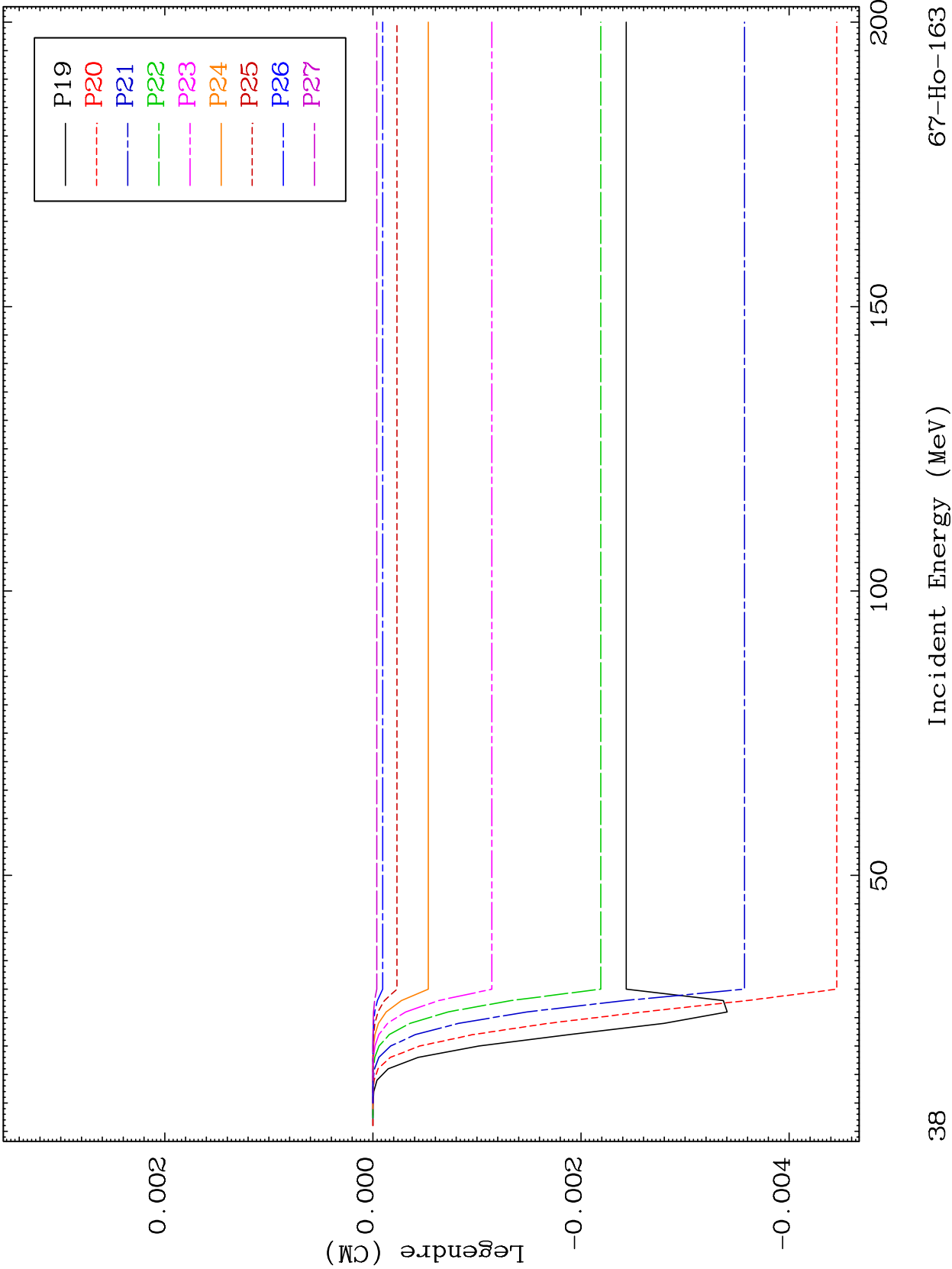
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



38

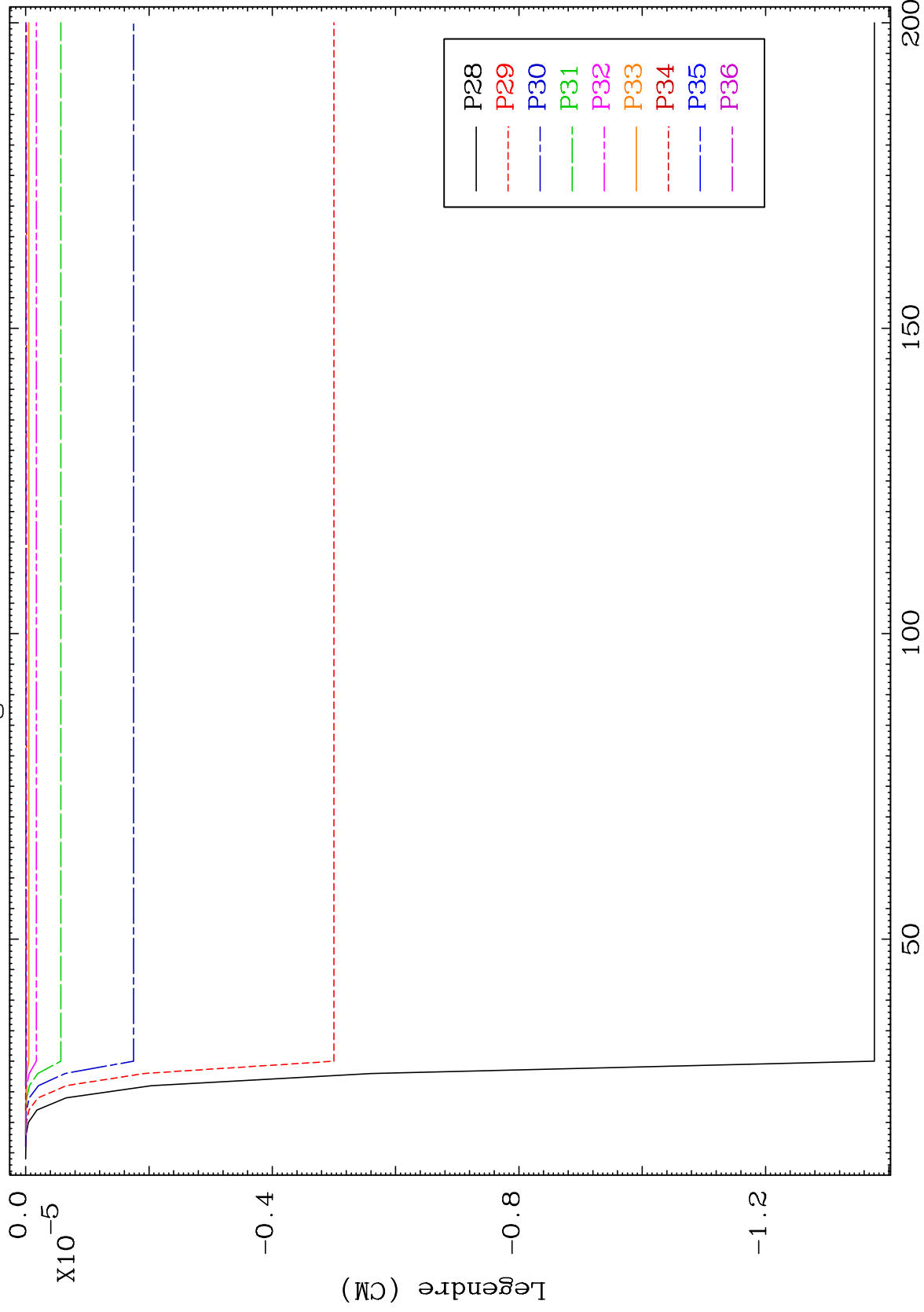
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



39

Incident Energy (MeV)

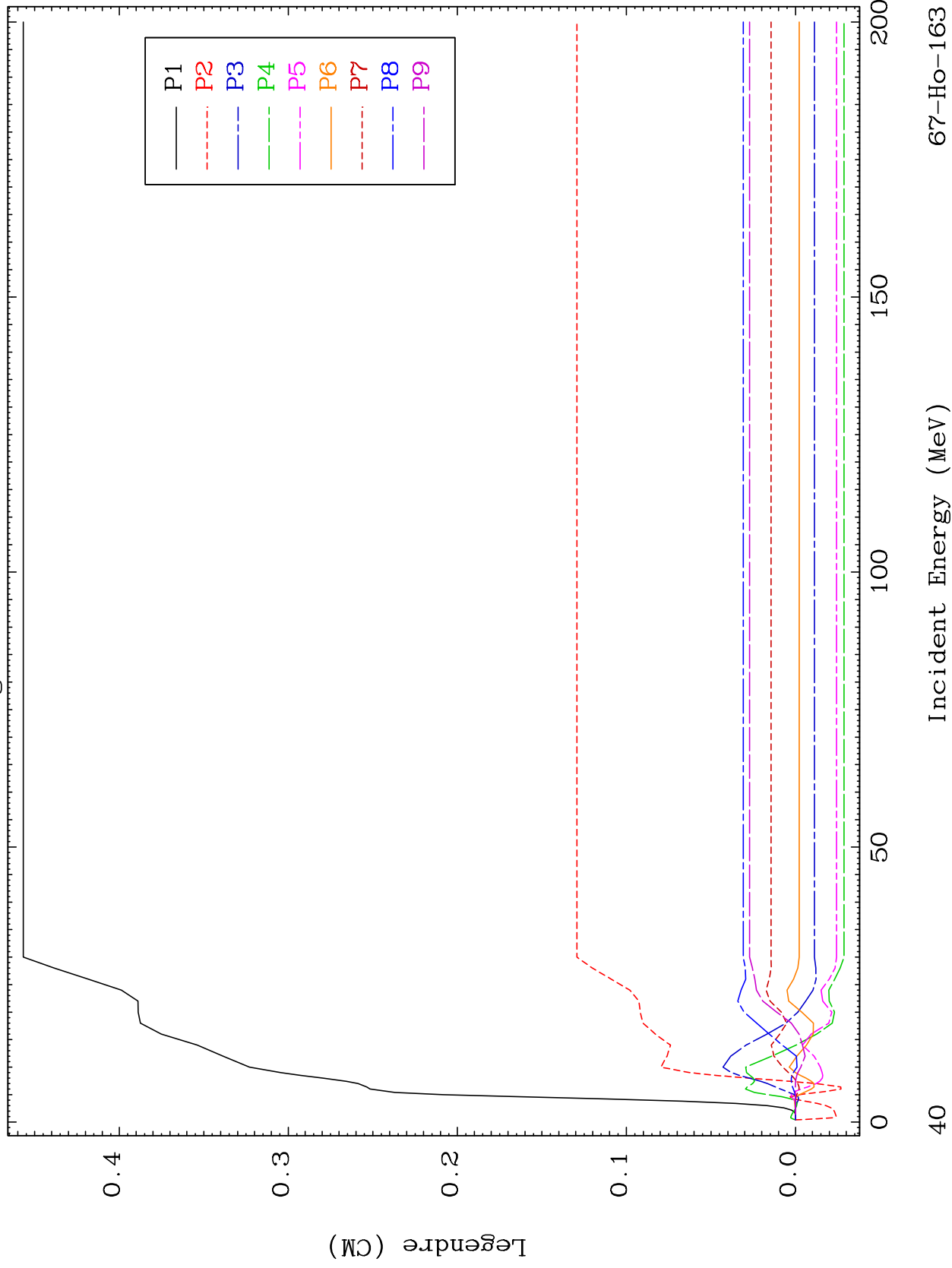
67-Ho-163



MAT 6719

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

67-Ho-163



67-Ho-163

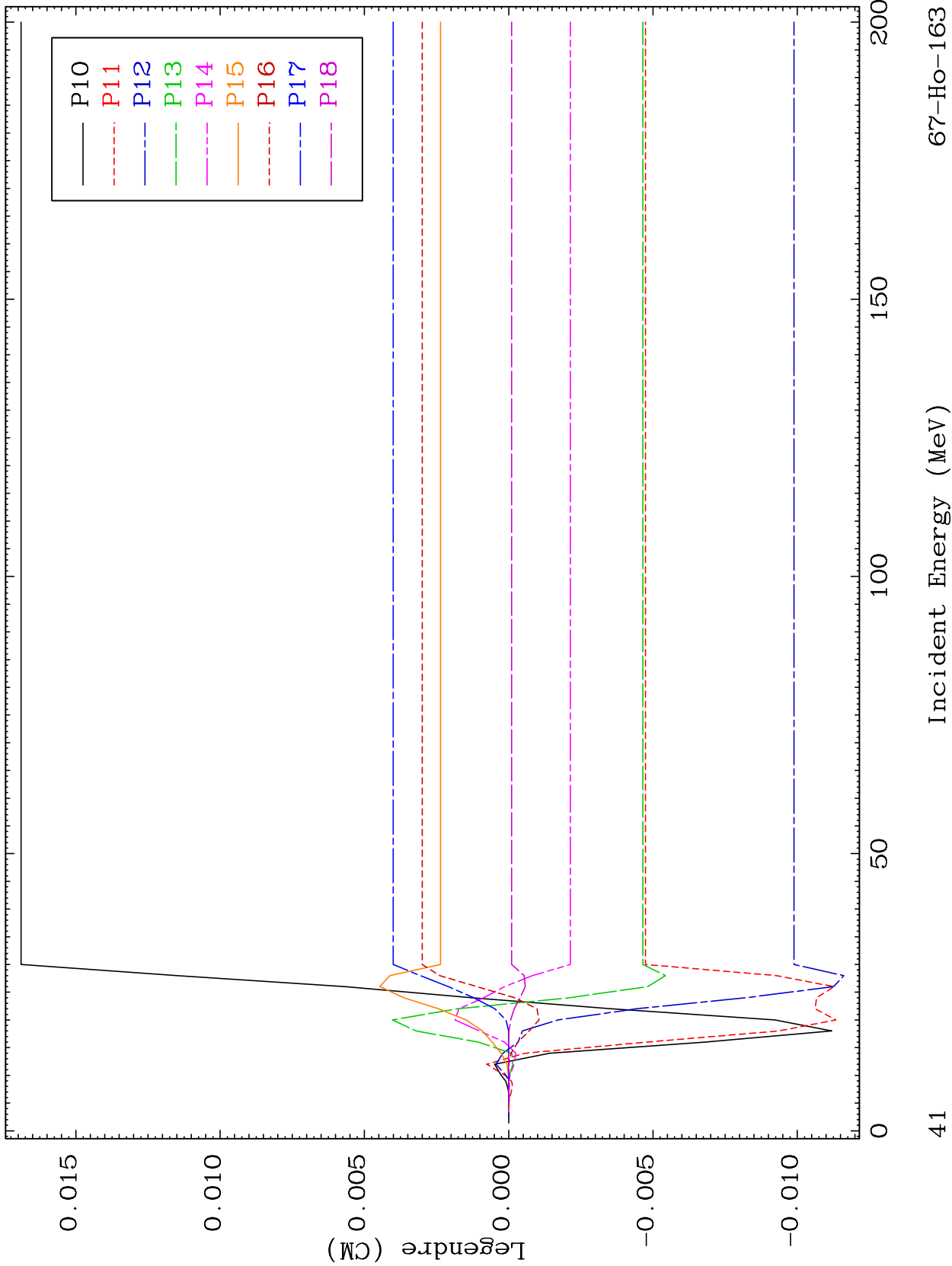
Incident Energy (MeV)

40

MAT 6719

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

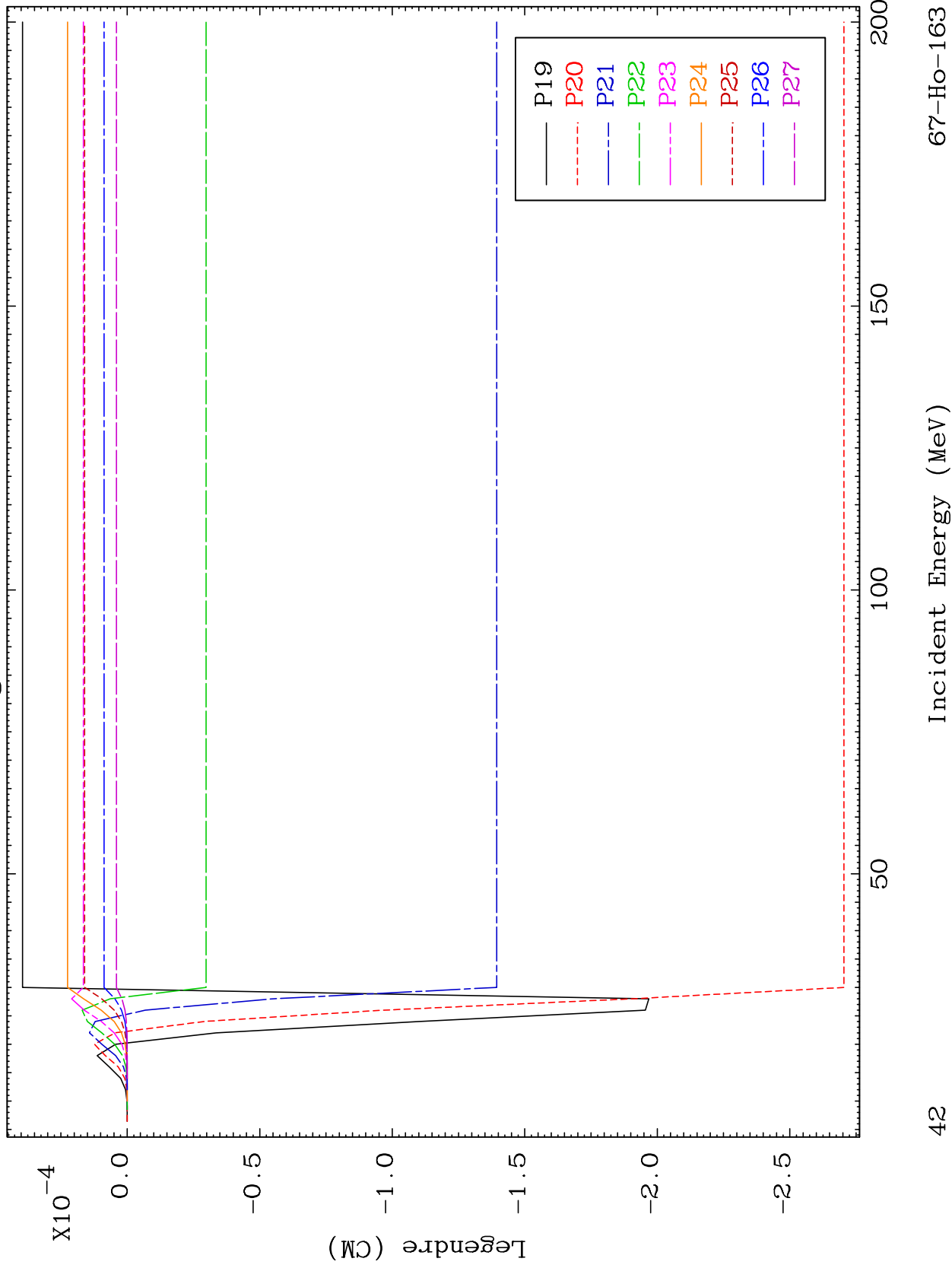
67-Ho-163



41

Incident Energy (MeV)

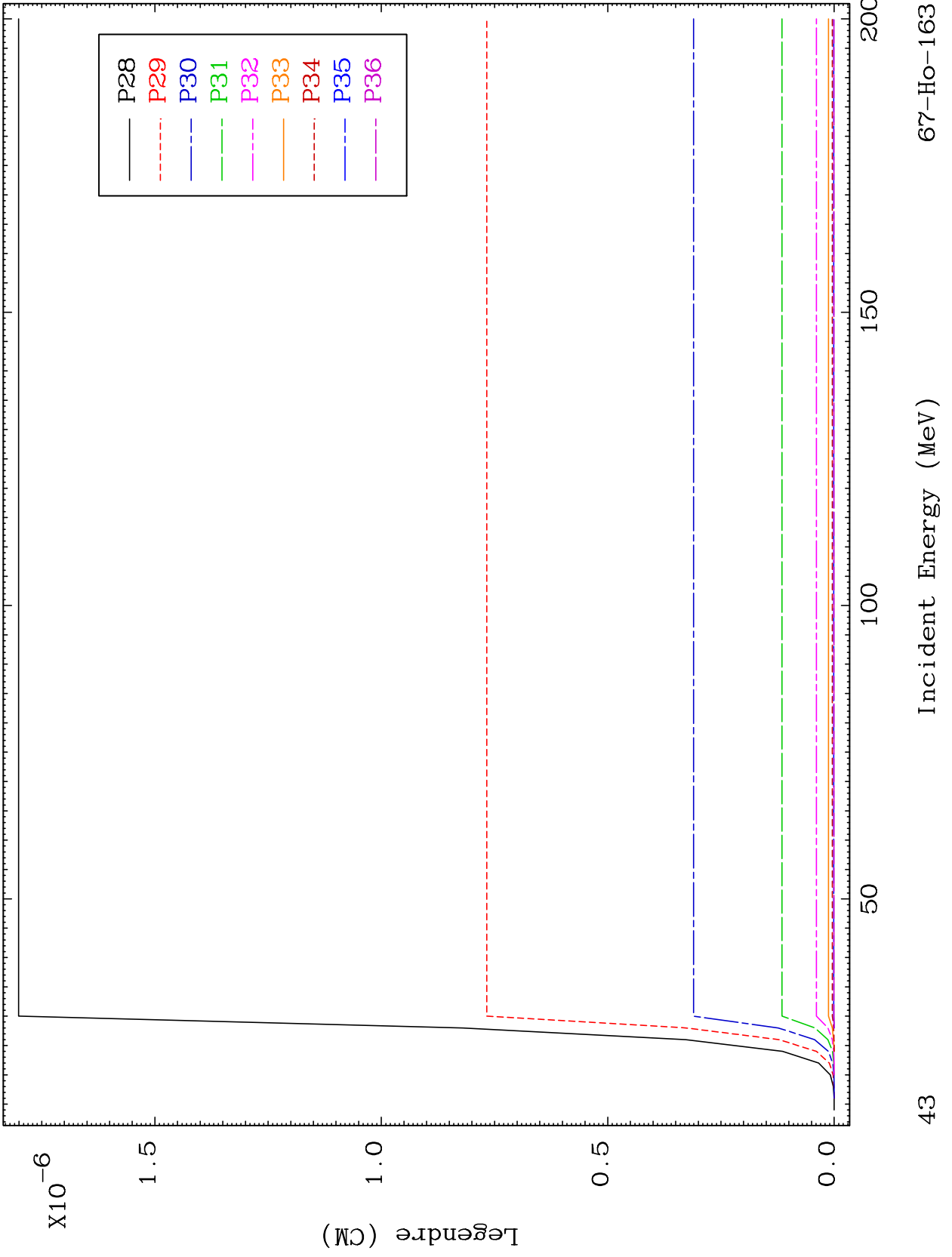
67-Ho-163



MAT 6719

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

67-Ho-163



43

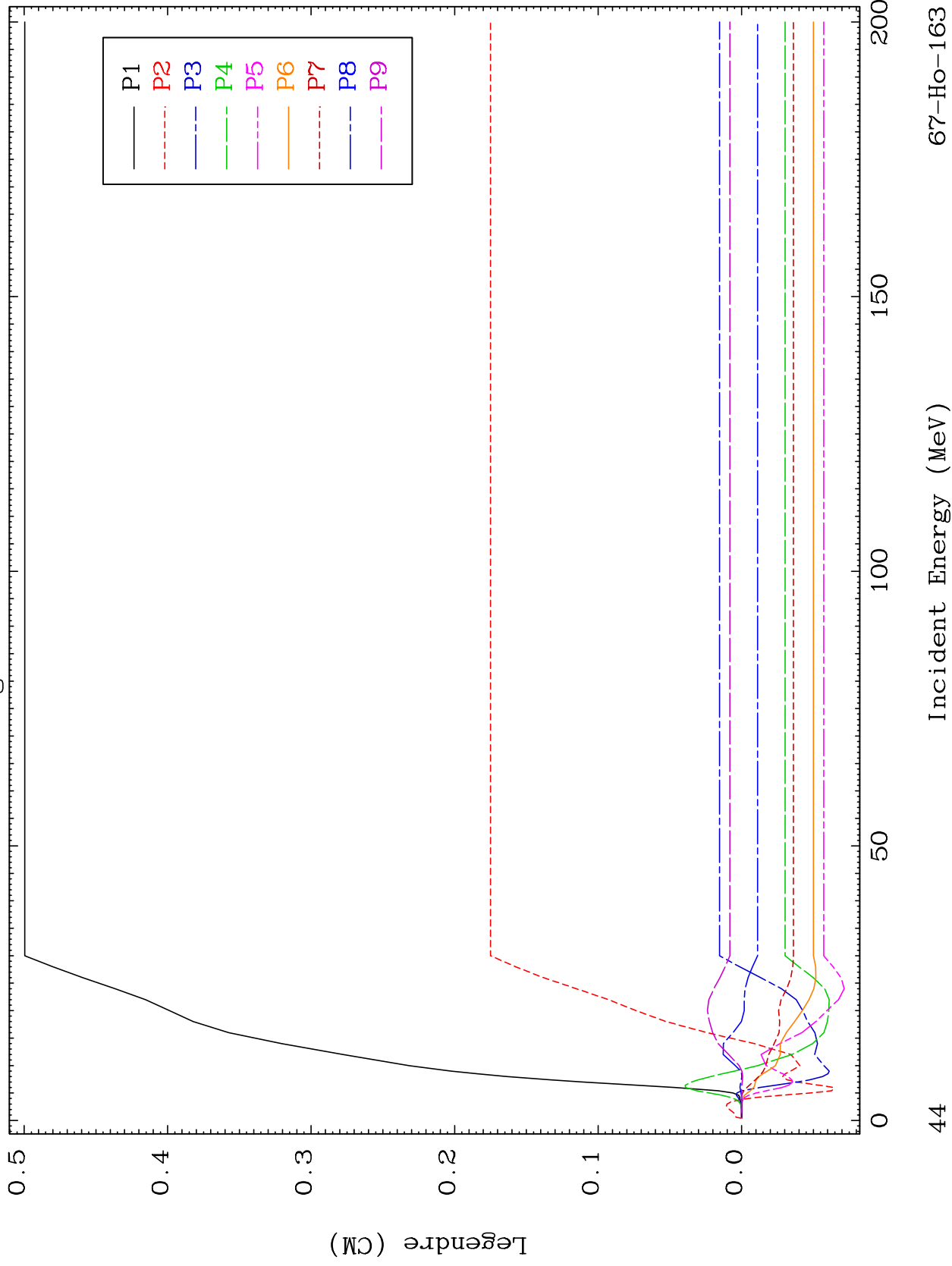
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



67-Ho-163

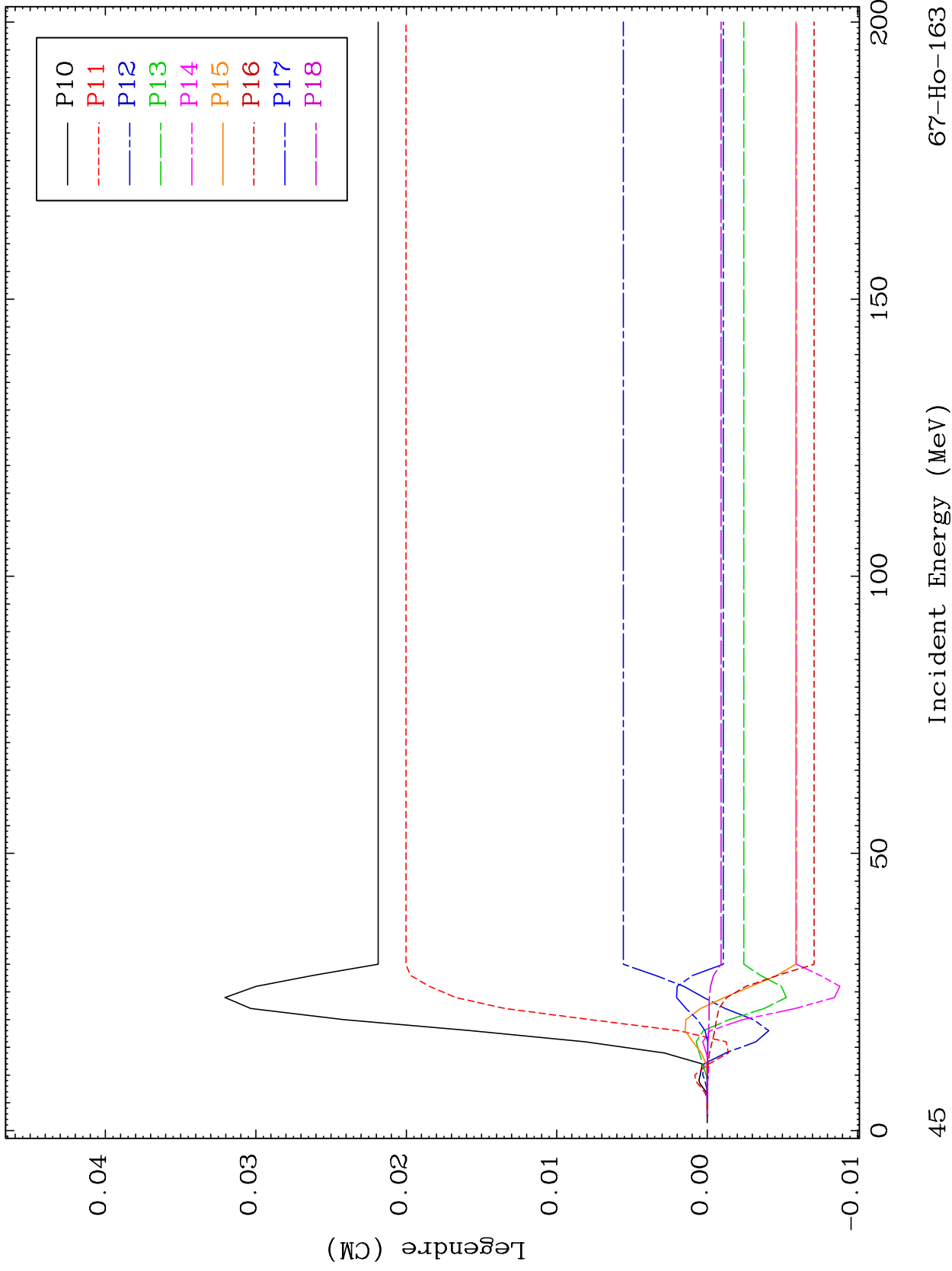
Incident Energy (MeV)

44

MAT 6719

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

67-Ho-163



67-Ho-163

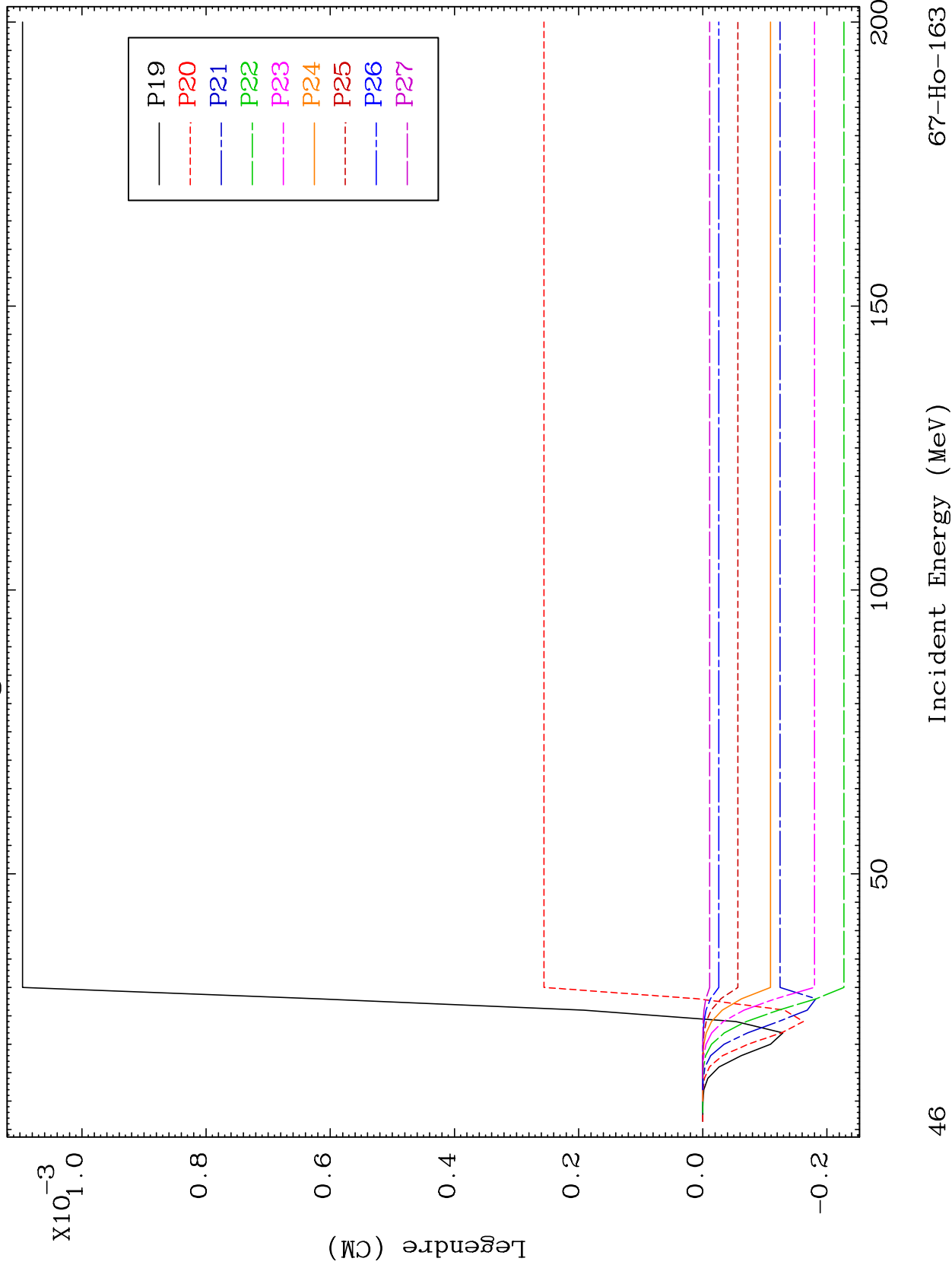
Incident Energy (MeV)

45

MAT 6719

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

67-Ho-163



46

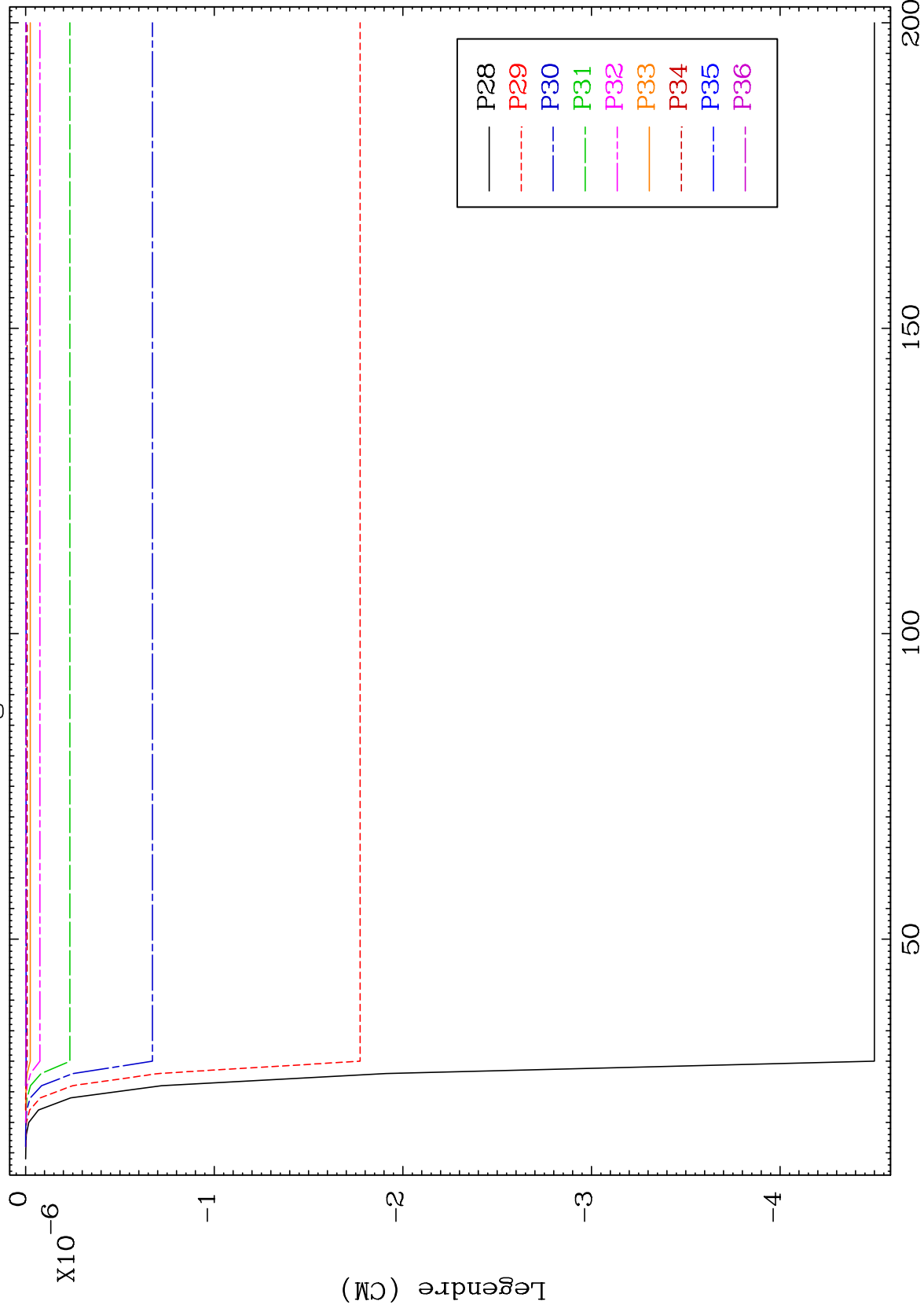
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



47

Incident Energy (MeV)

67-Ho-163

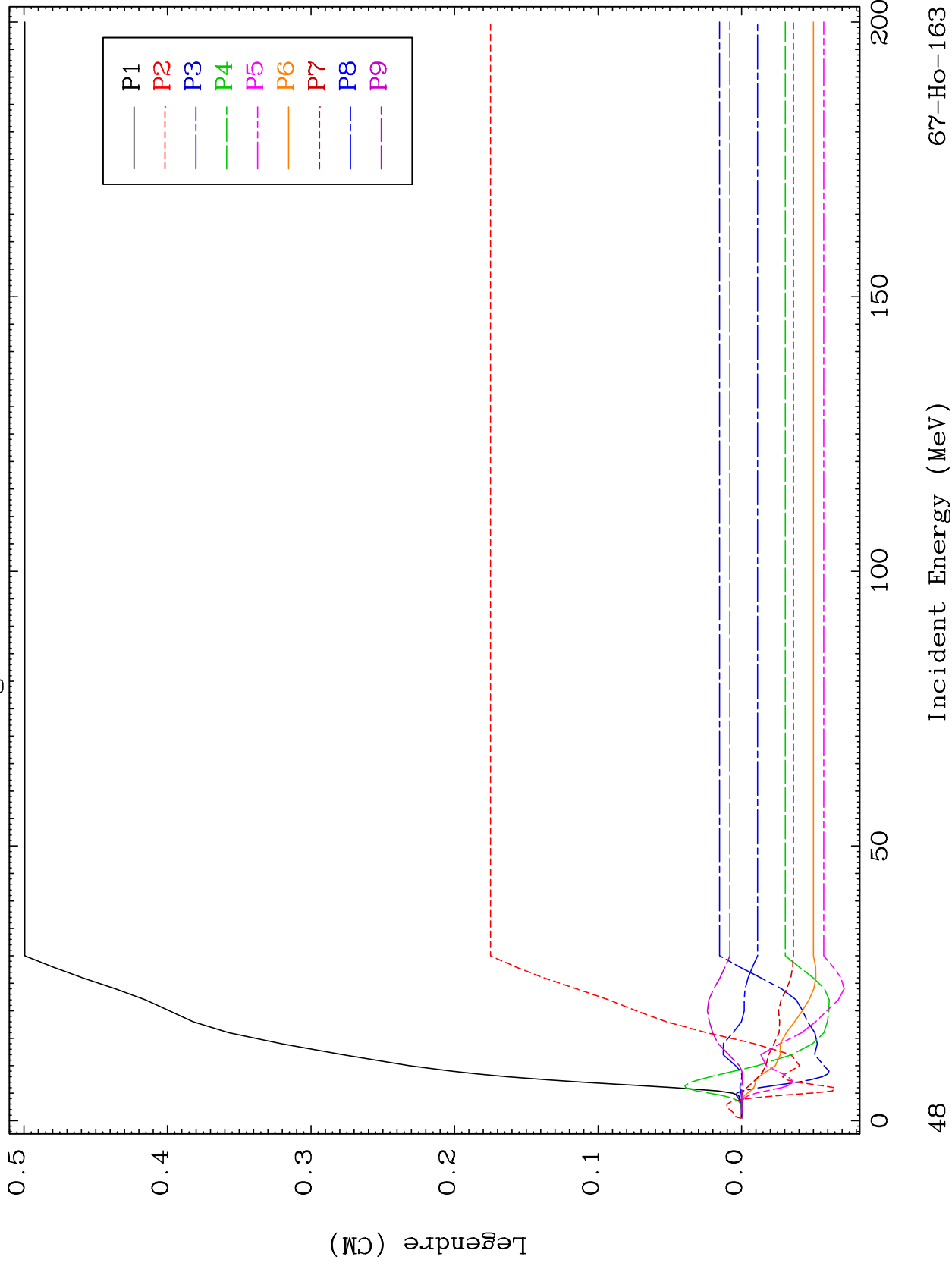


MAT 6719

MT= 58 (n,n') Level

67-Ho-163

Legendre Coefficients



48

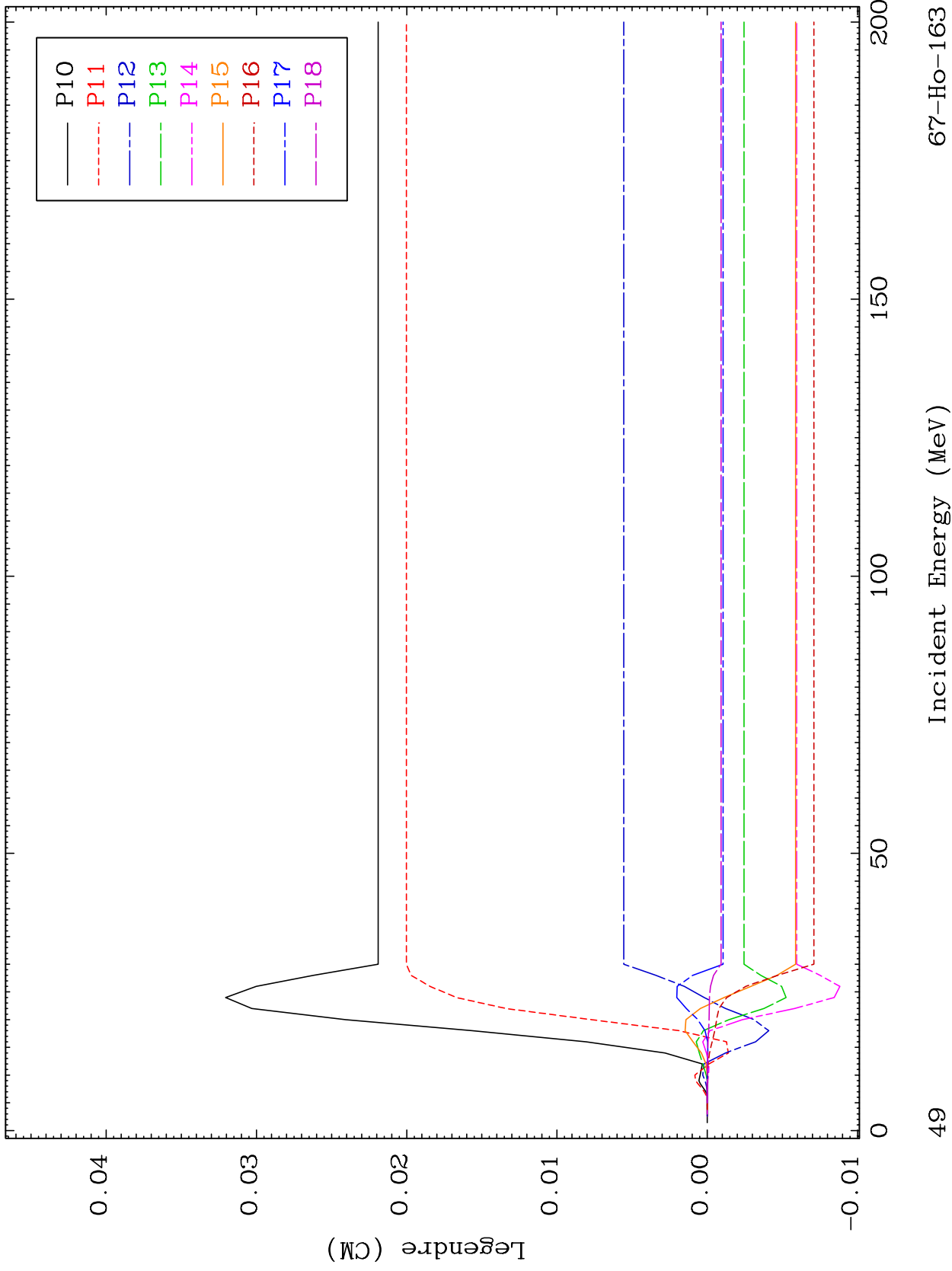
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



67-Ho-163

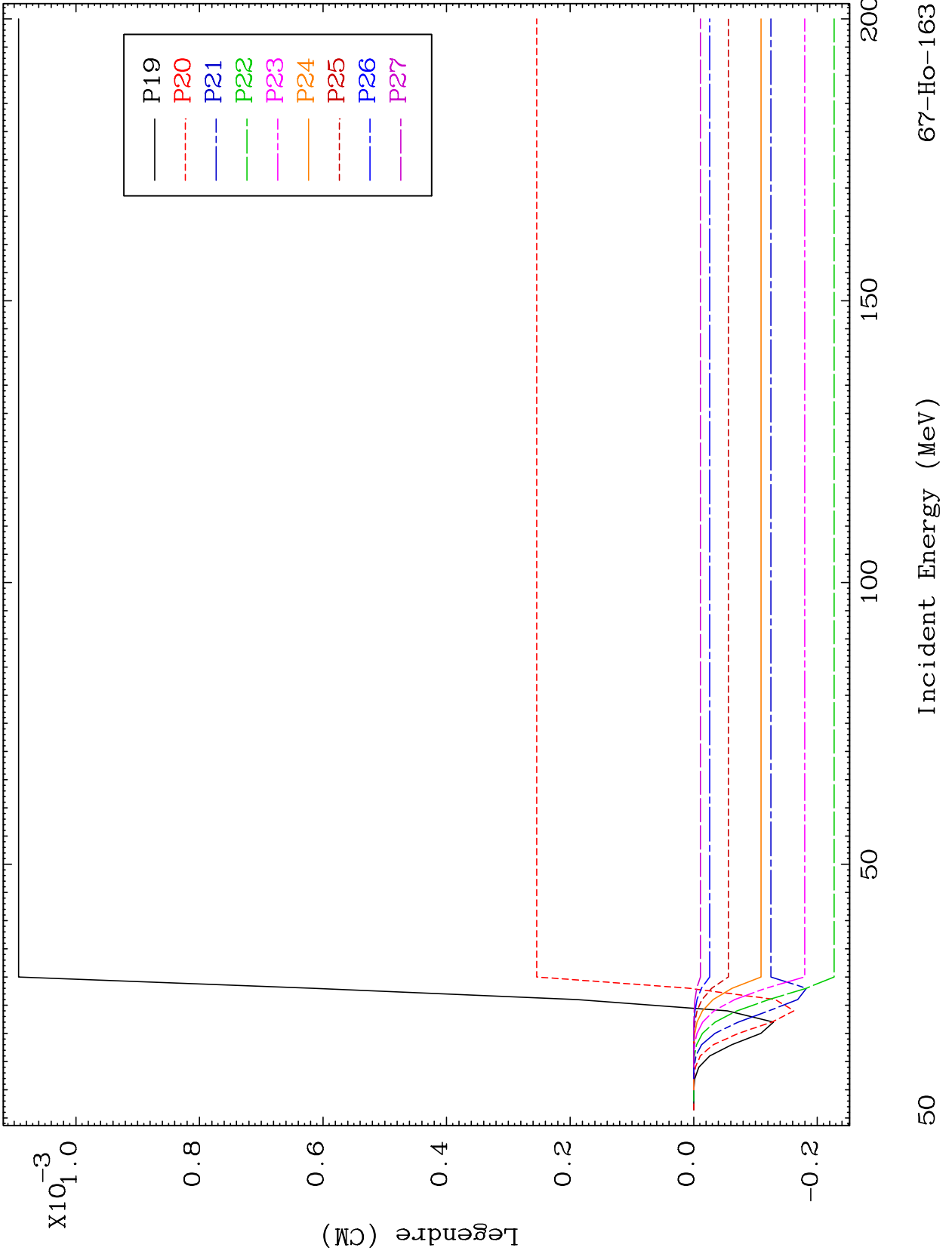
Incident Energy (MeV)

49

MAT 6719

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

67-Ho-163



67-Ho-163

Incident Energy (MeV)

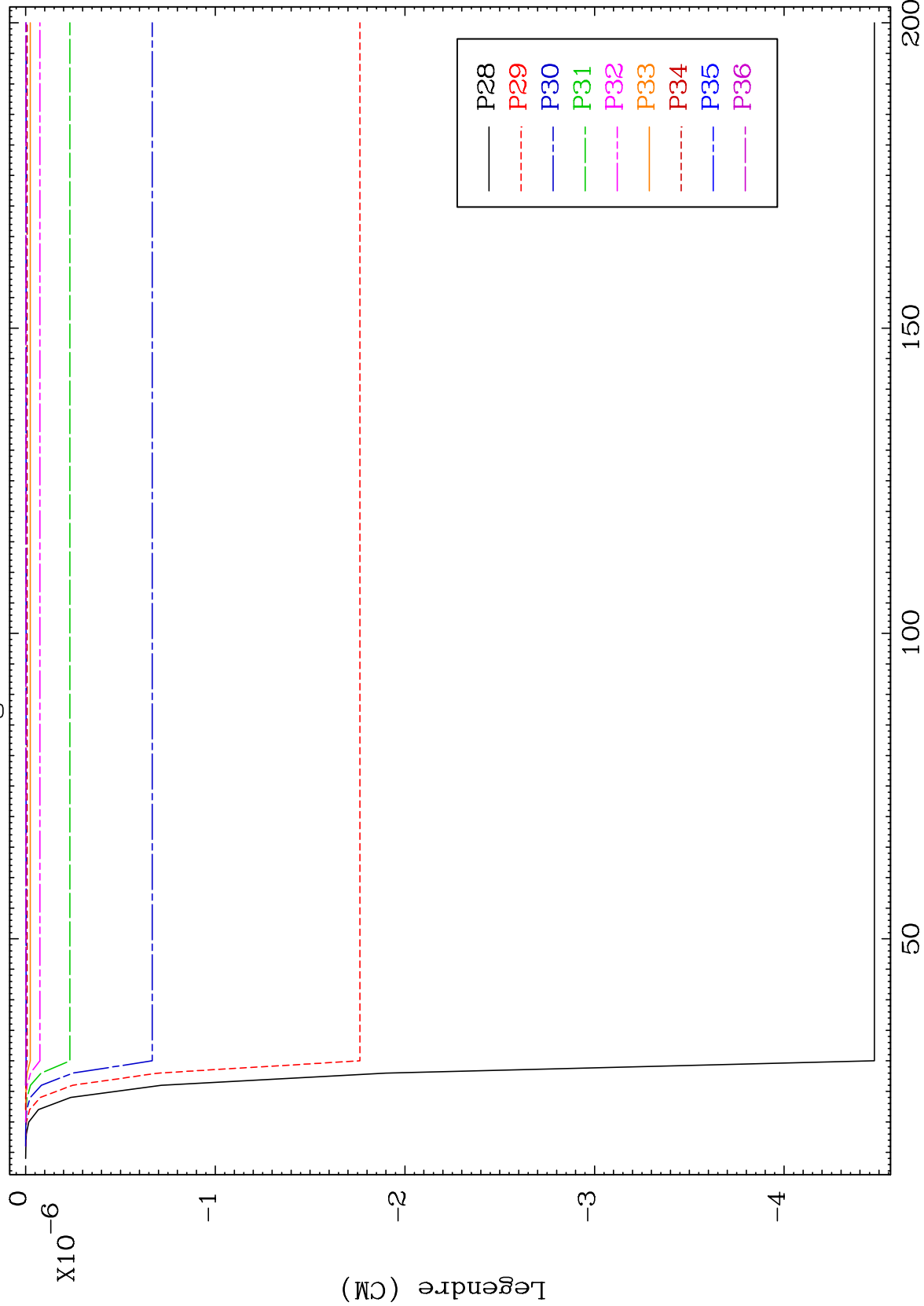
50

MAT 6719

MT= 58 (n,n') Level

67-Ho-163

Legendre Coefficients



67-Ho-163

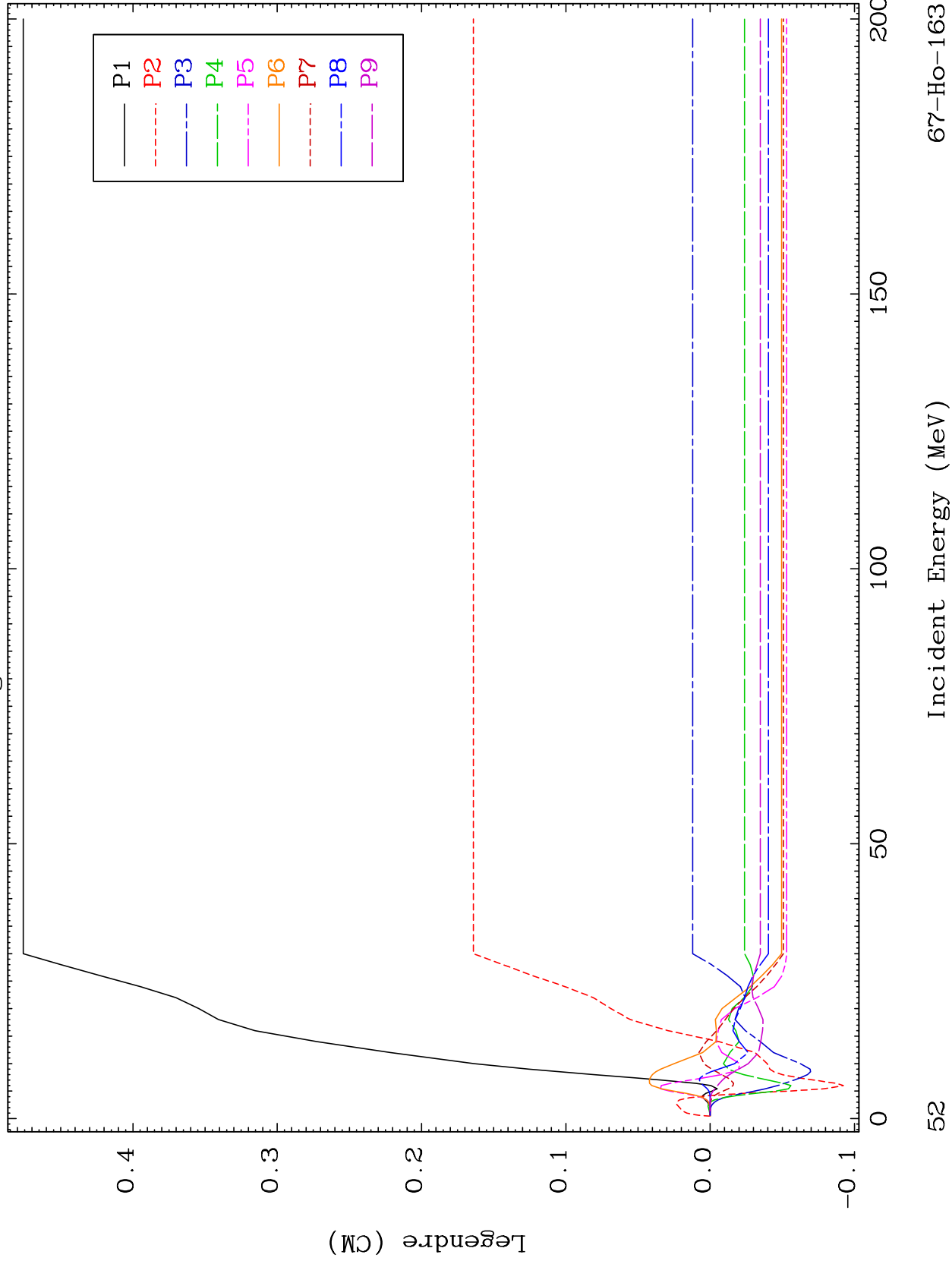
Incident Energy (MeV)

51

MAT 6719

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

67-Ho-163



67-Ho-163

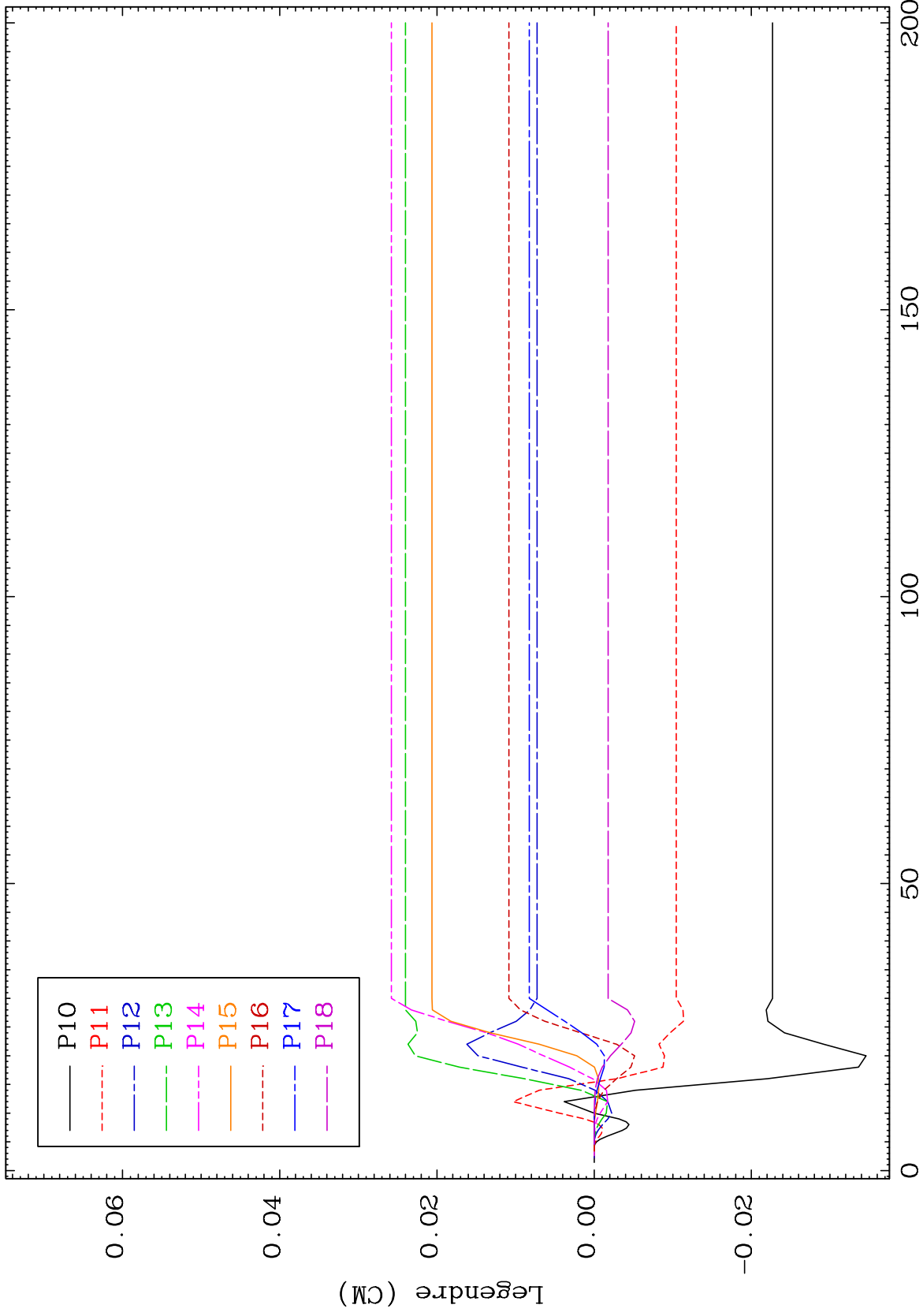
Incident Energy (MeV)

52

MAT 6719

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

67-Ho-163



53

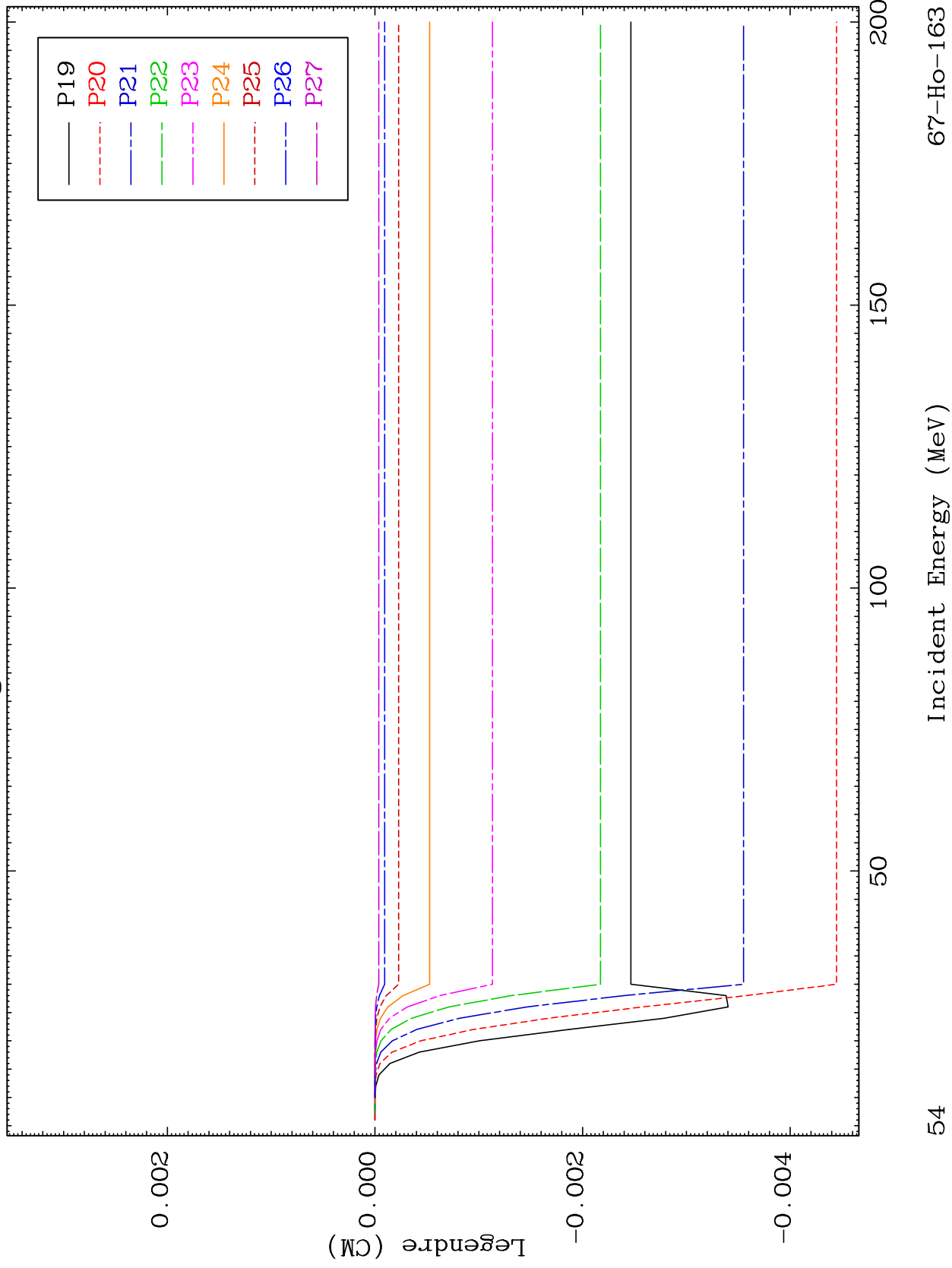
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



54

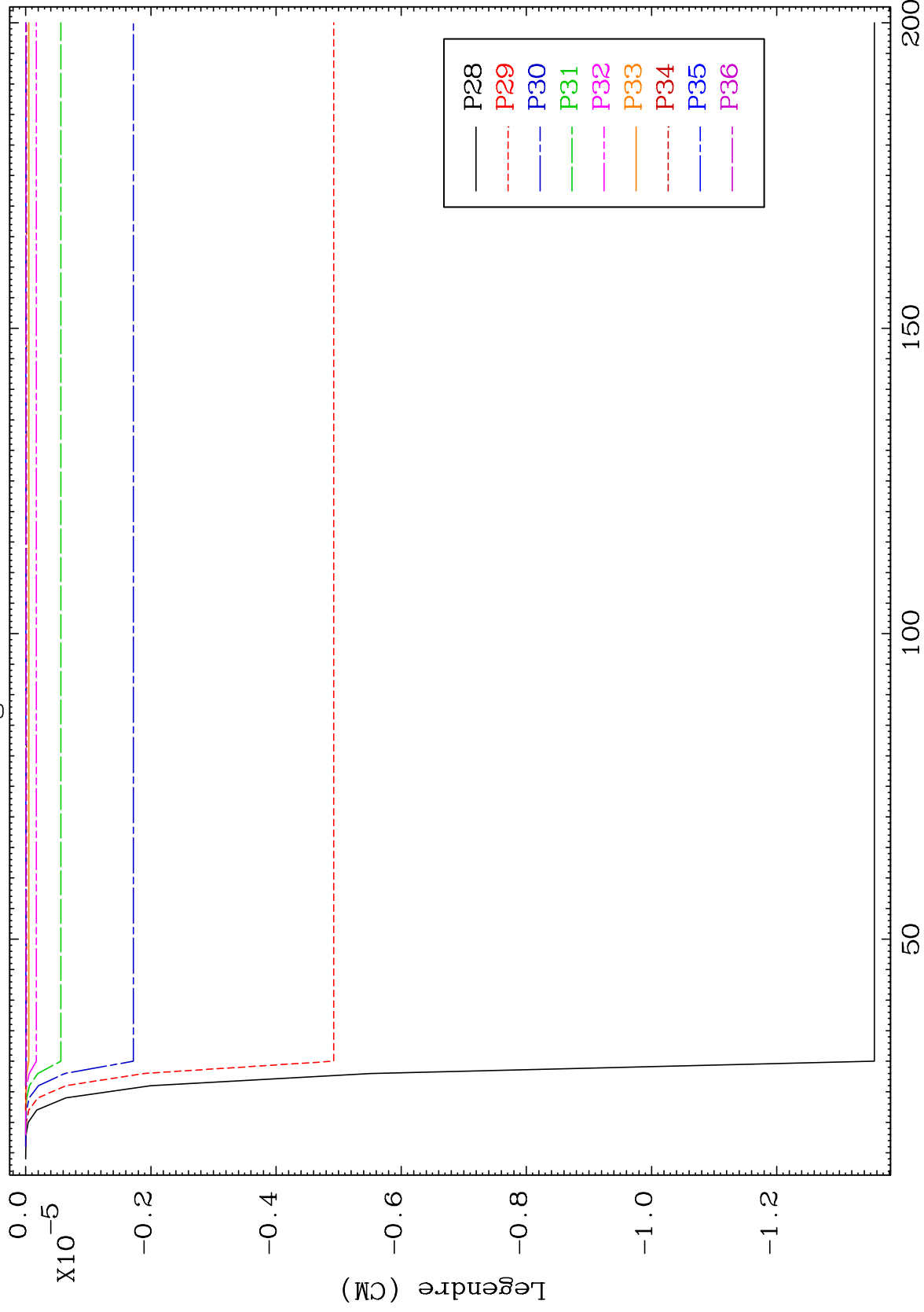
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



55

Incident Energy (MeV)

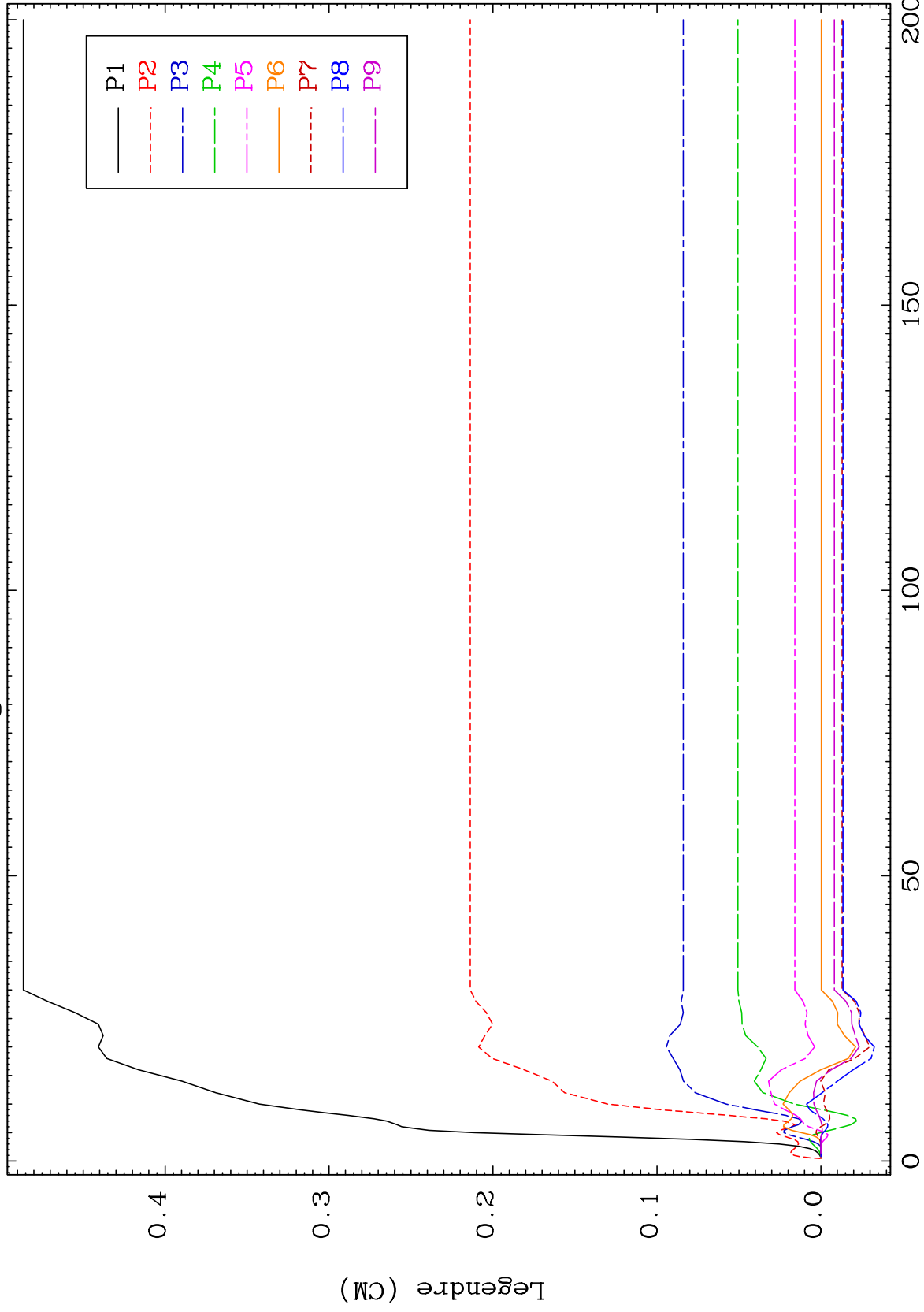
67-Ho-163



MAT 6719

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

67-Ho-163



56

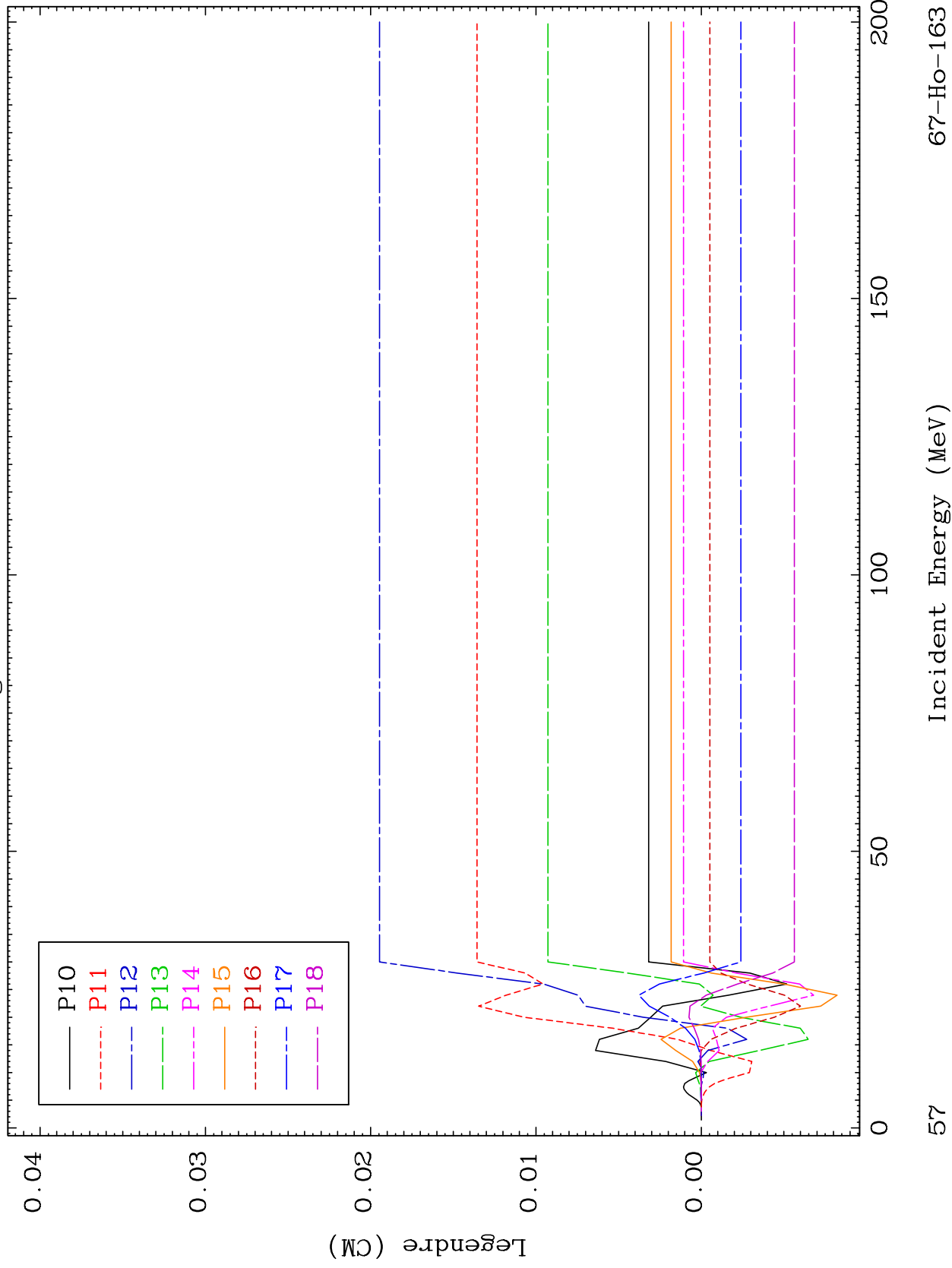
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



57

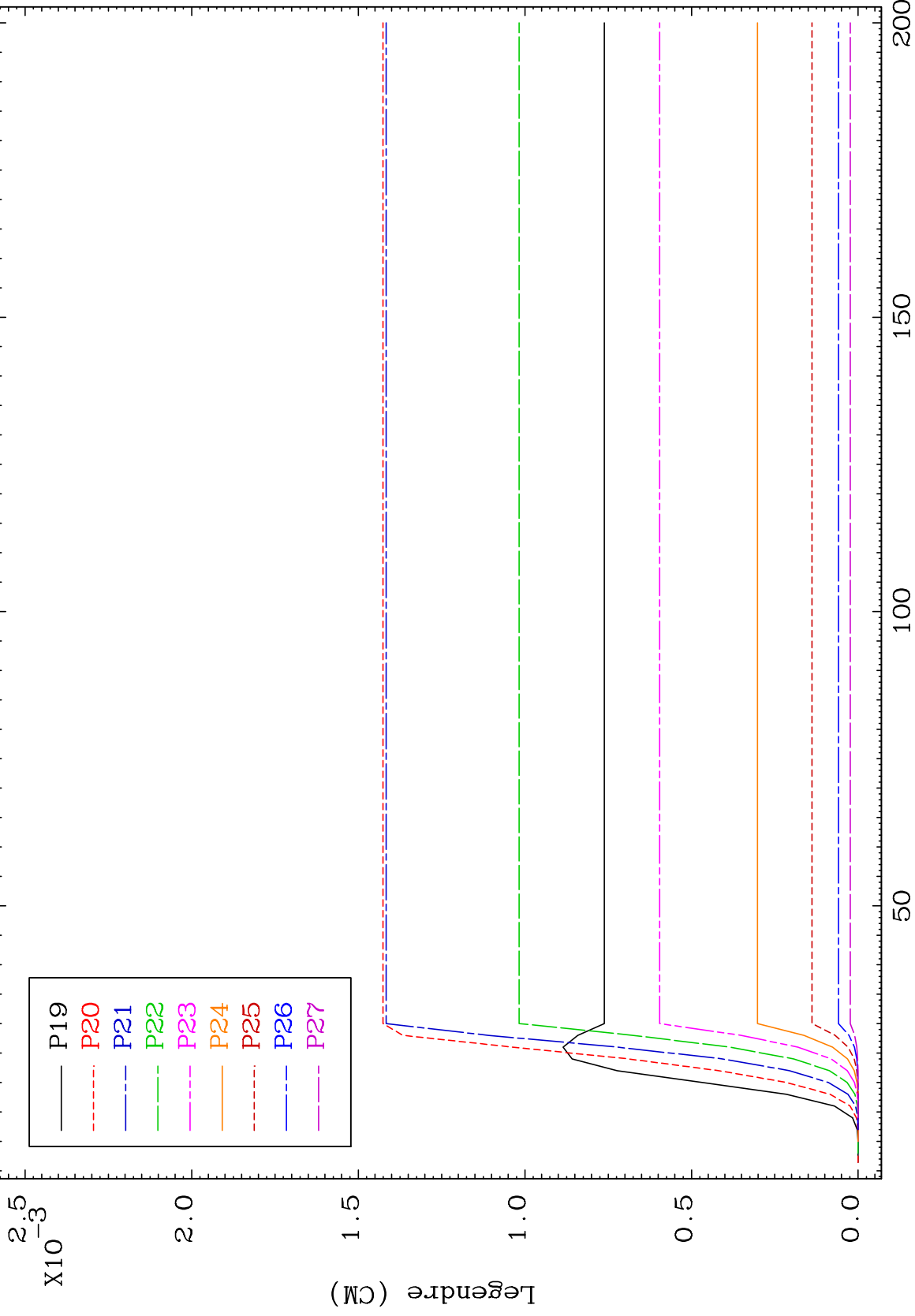
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



58

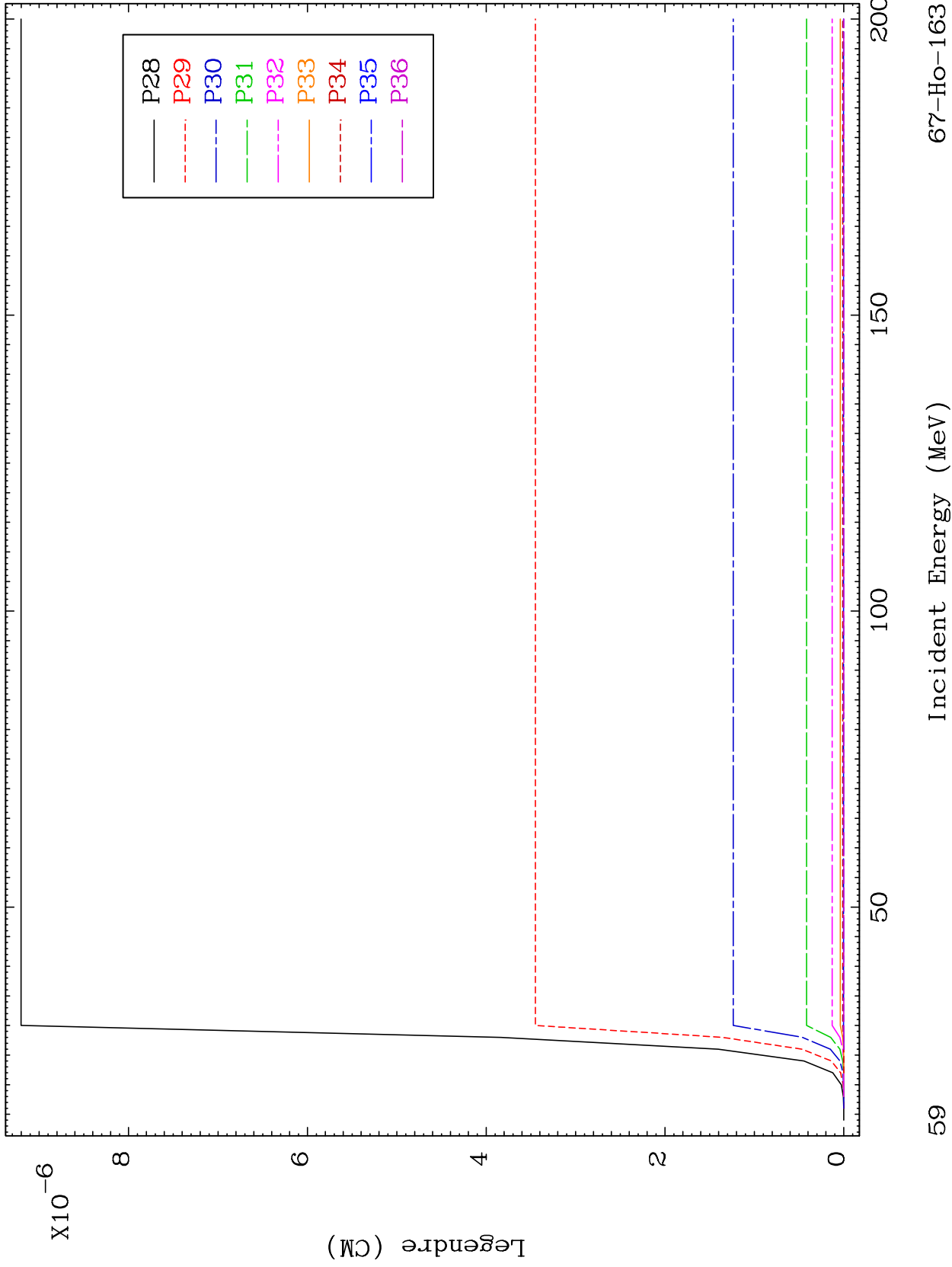
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



59

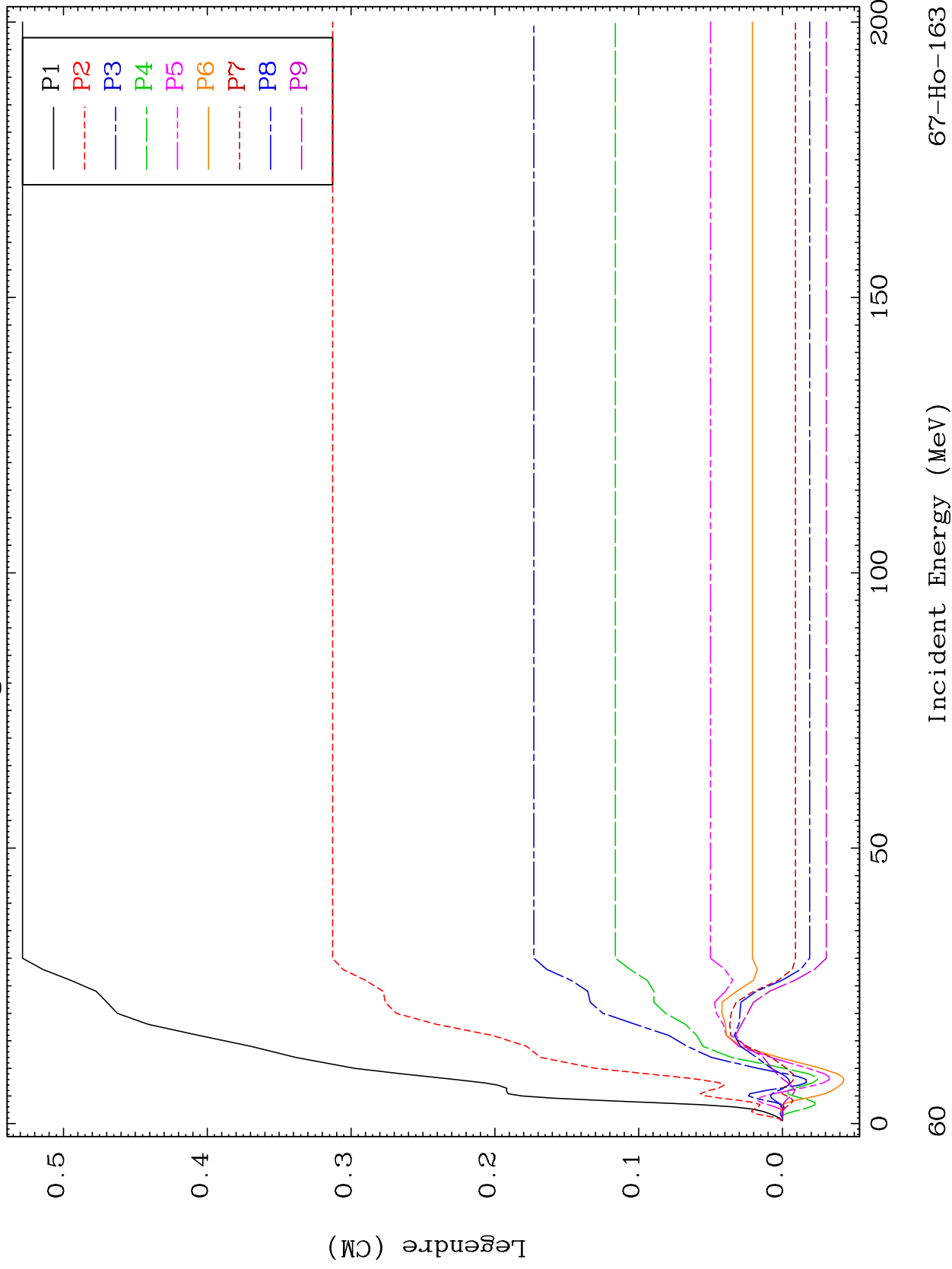
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

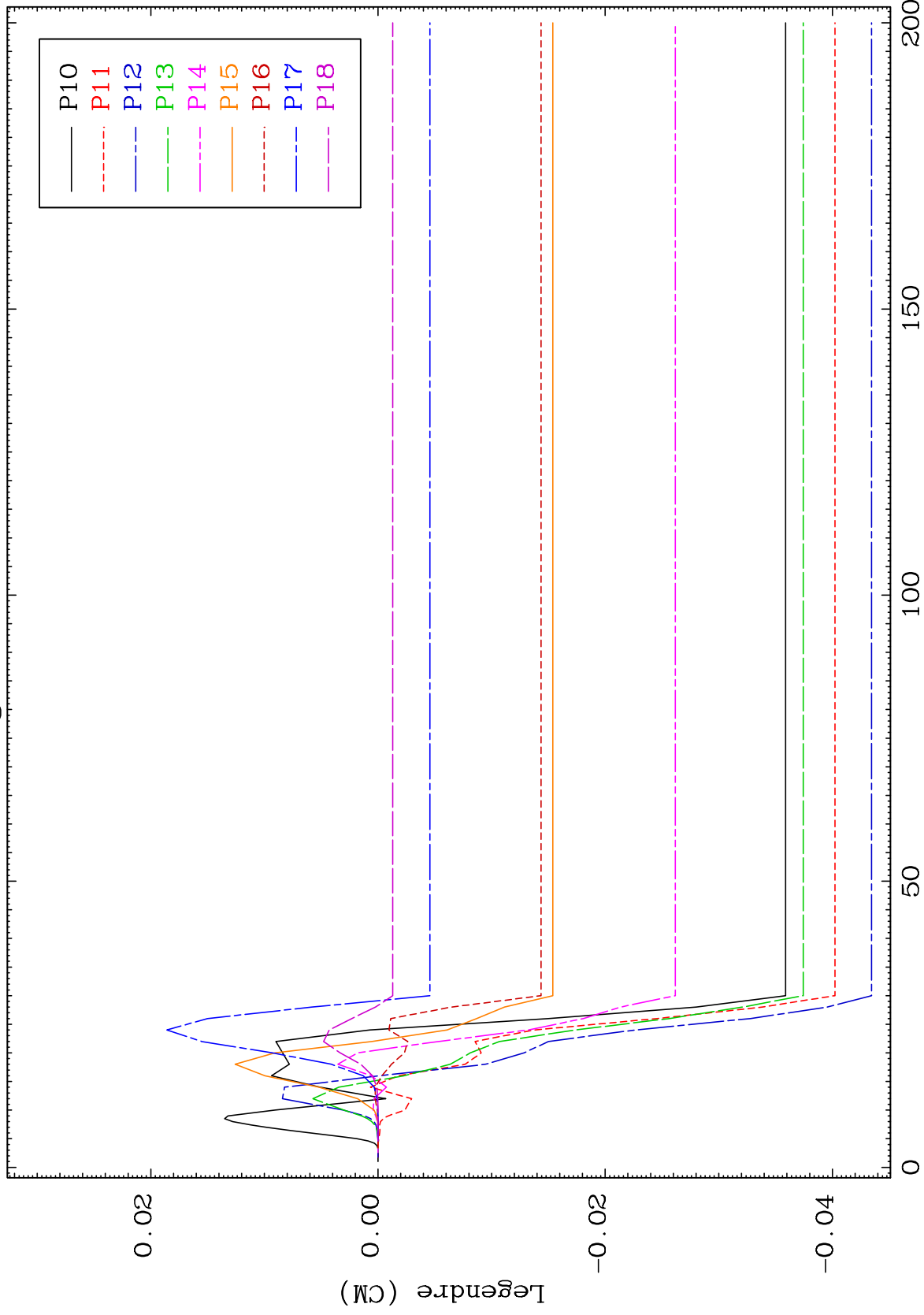
67-Ho-163



MAT 6719

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

67-Ho-163



61

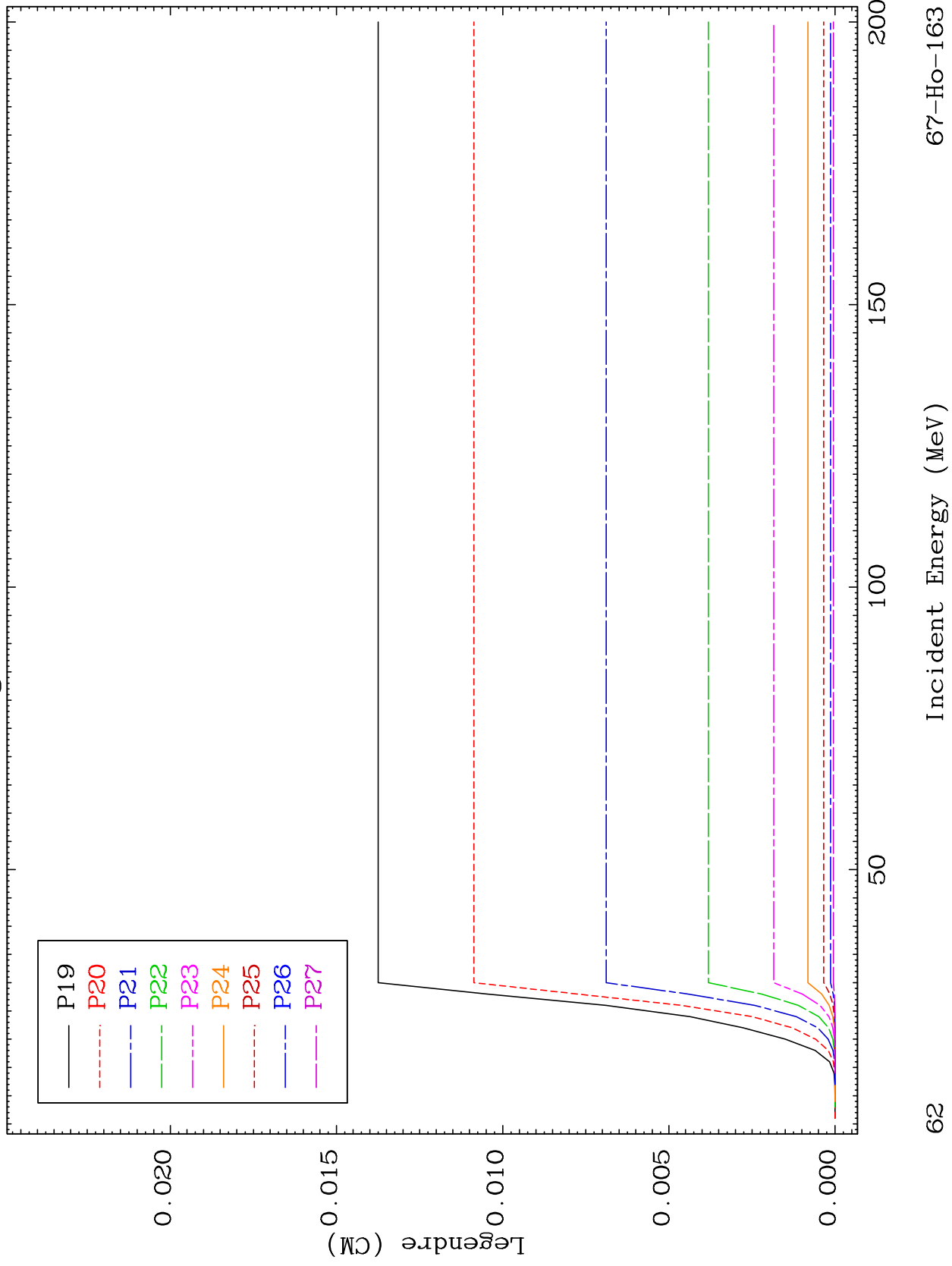
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



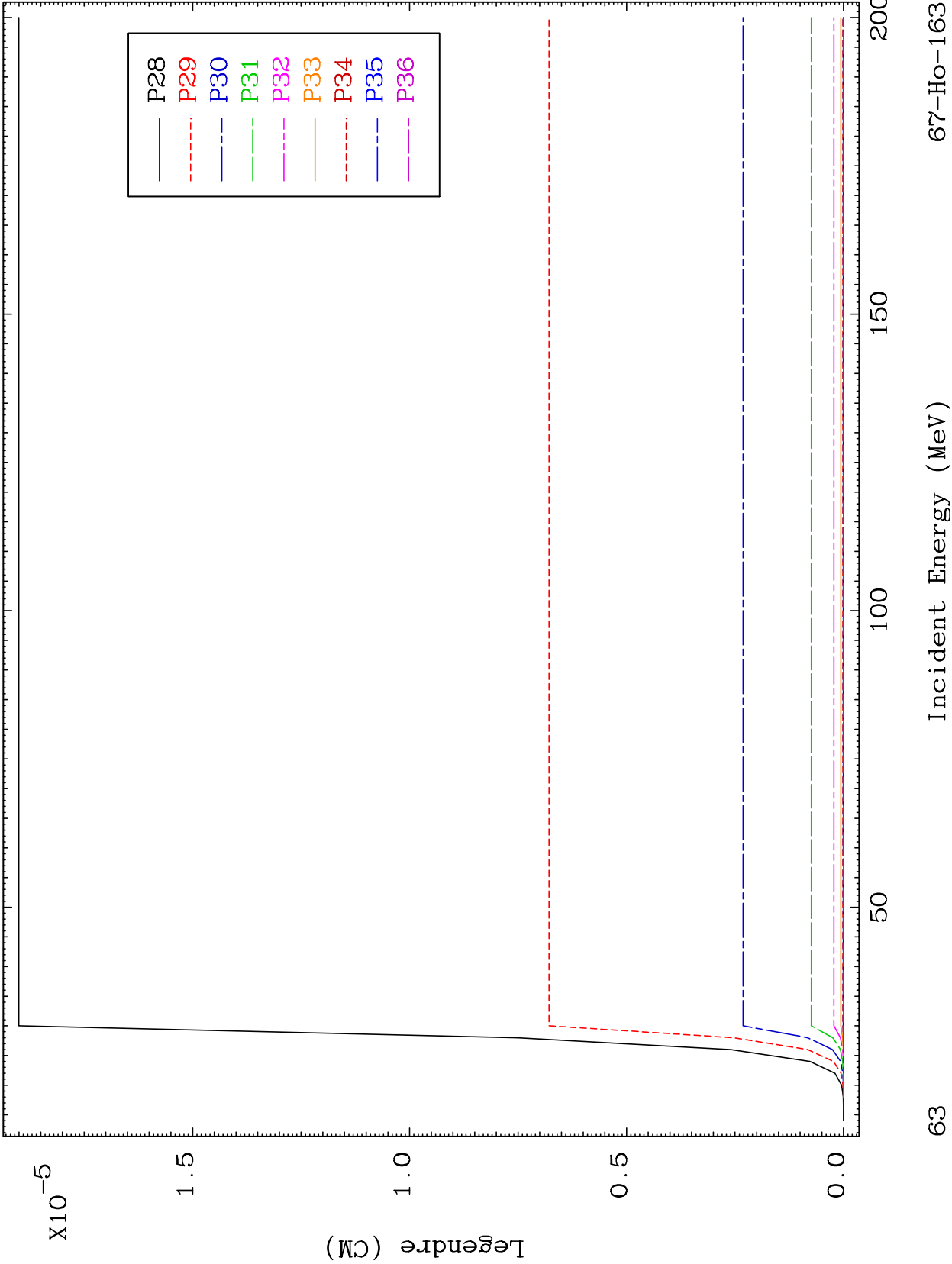
62

67-Ho-163

MAT 6719

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

67-Ho-163

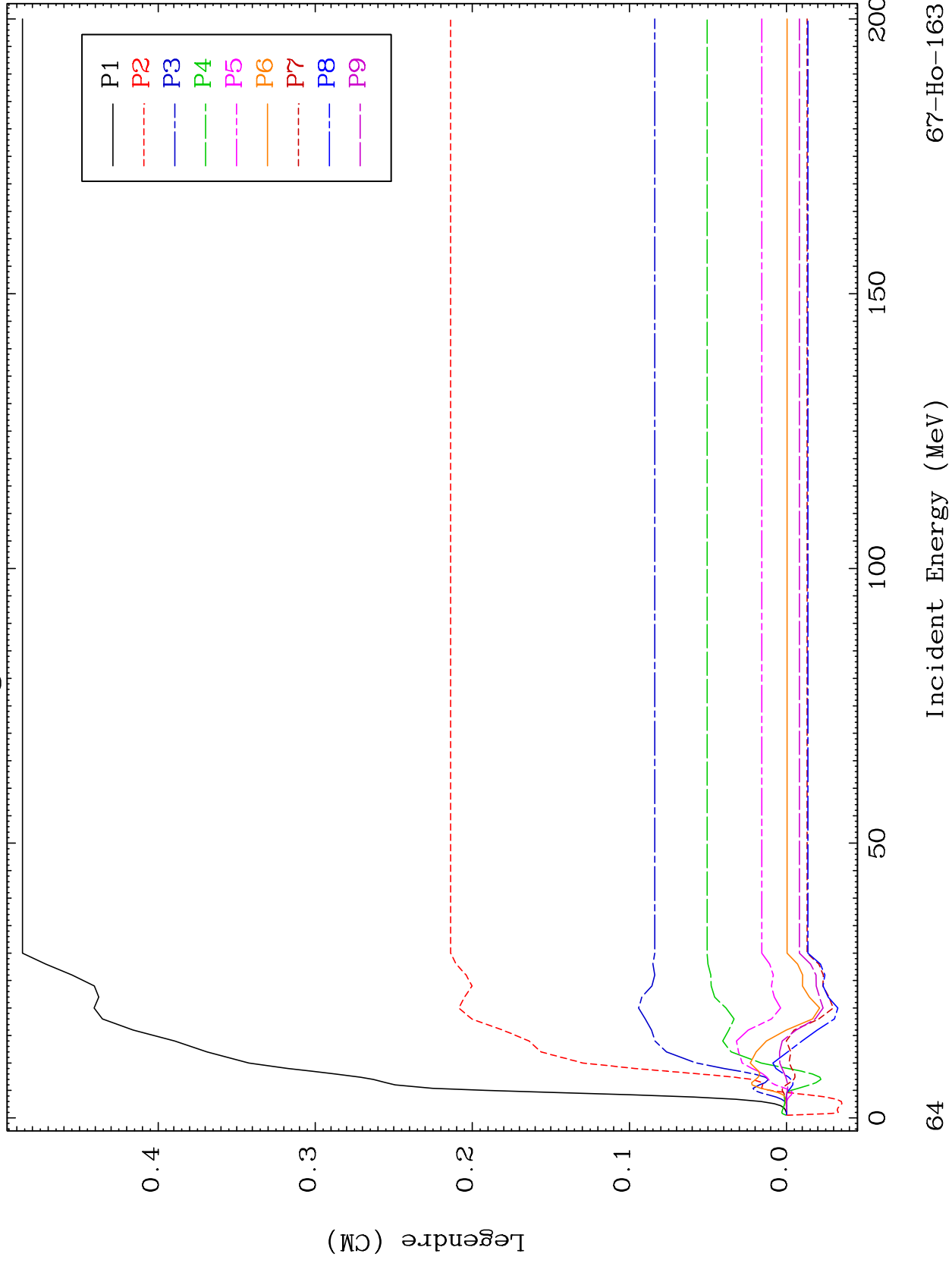




MAT 6719

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

67-Ho-163



67-Ho-163

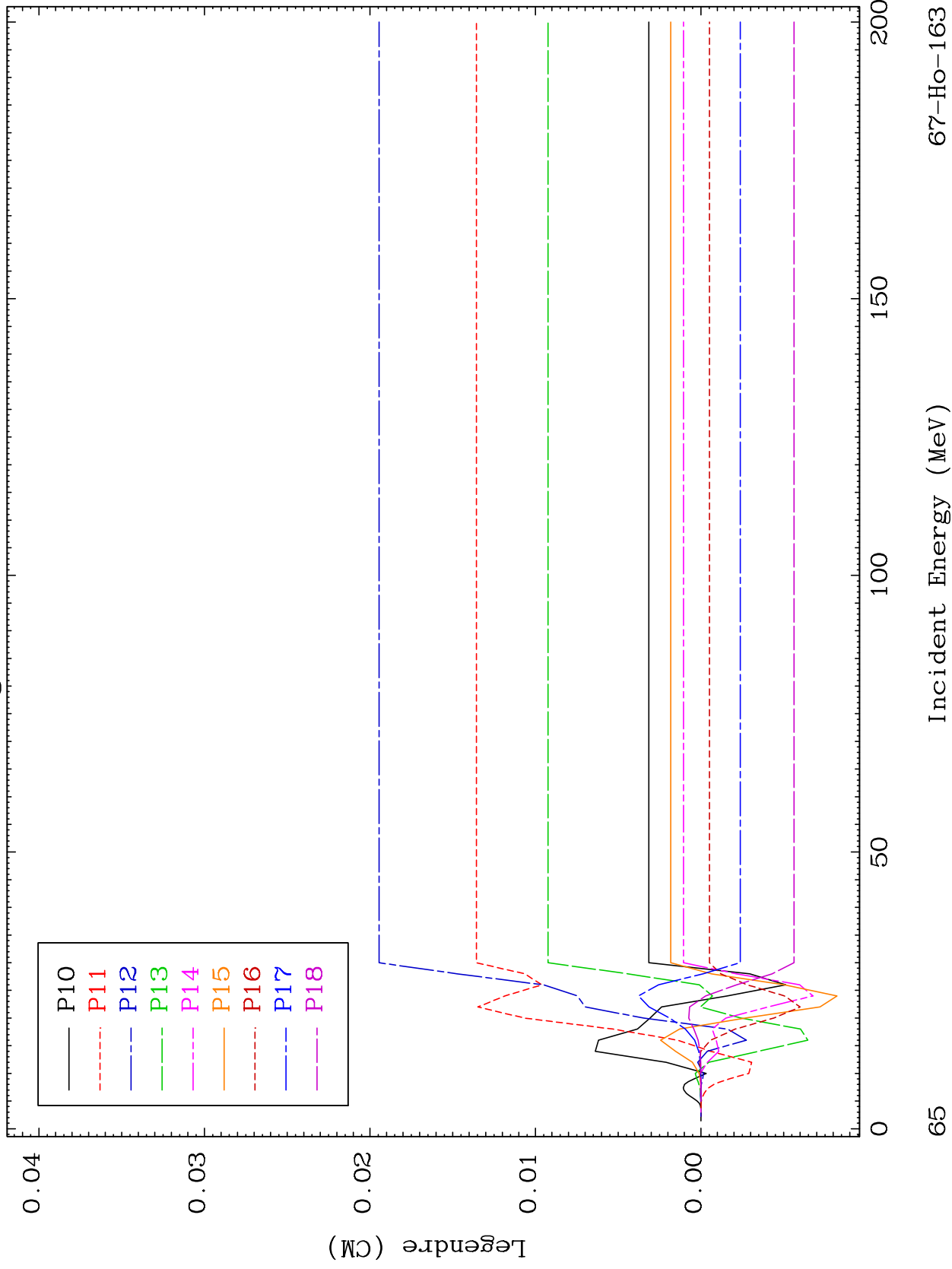
Incident Energy (MeV)

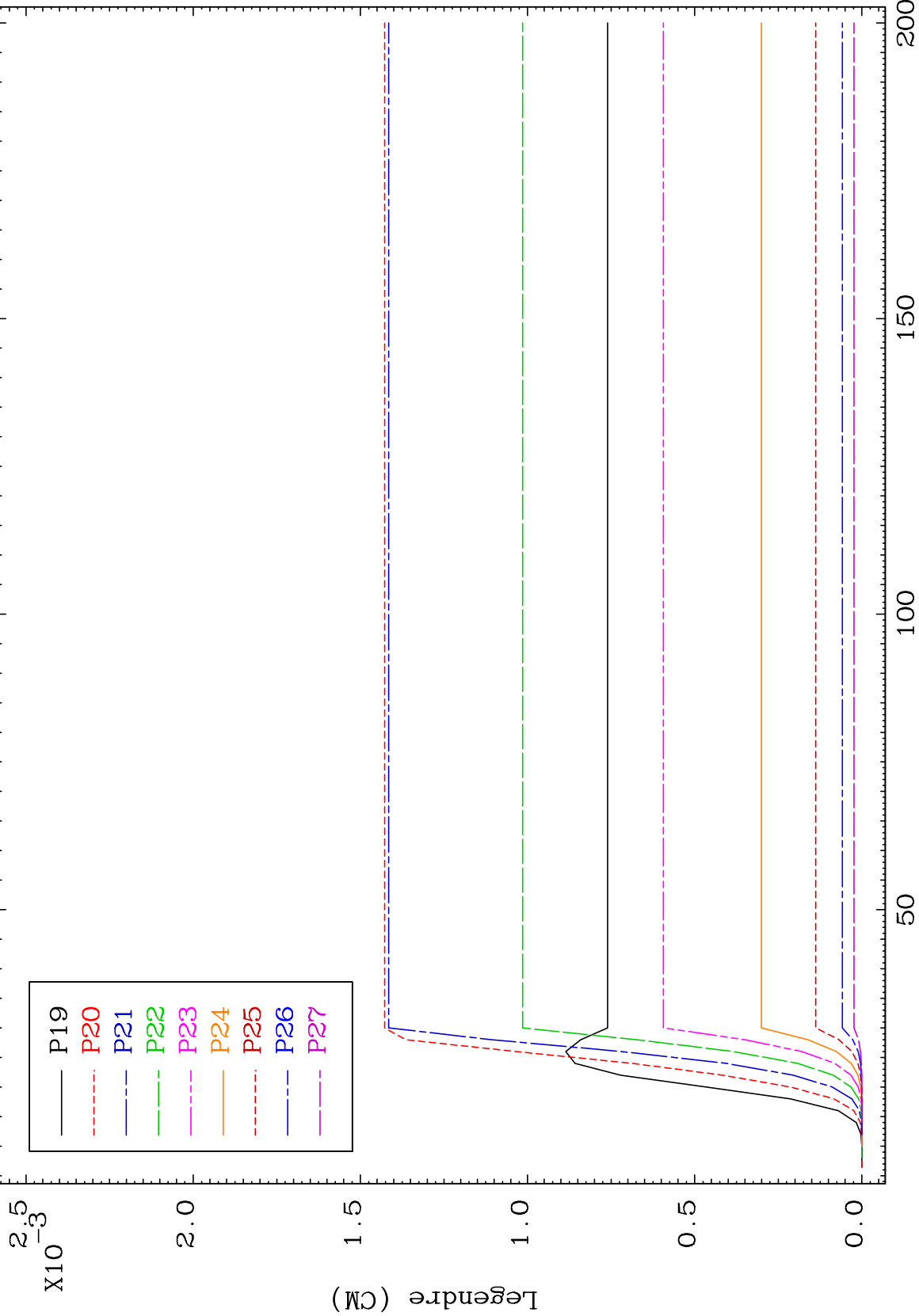
64

MAT 6719

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

67-Ho-163

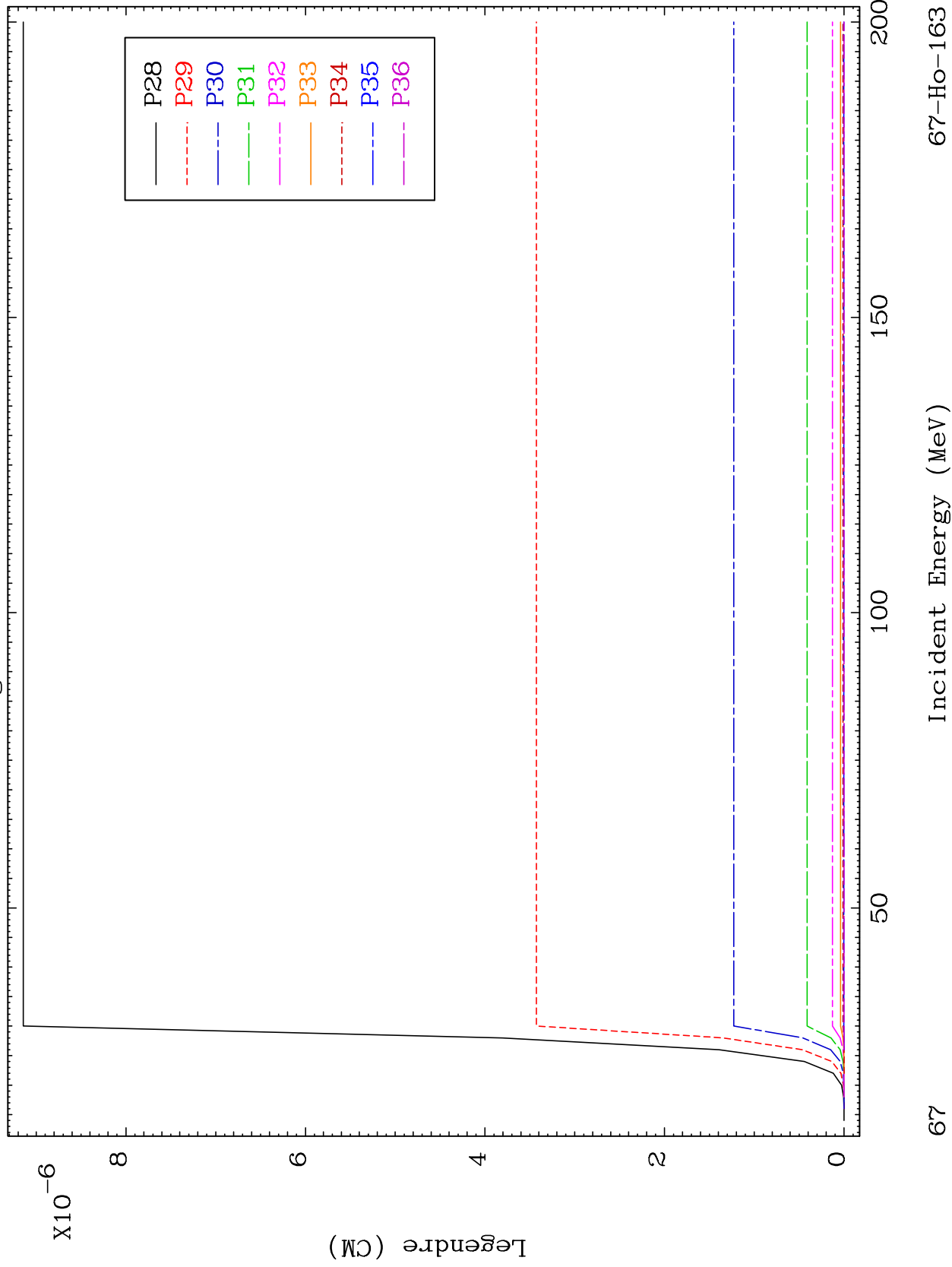




MAT 6719

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

67-Ho-163



67

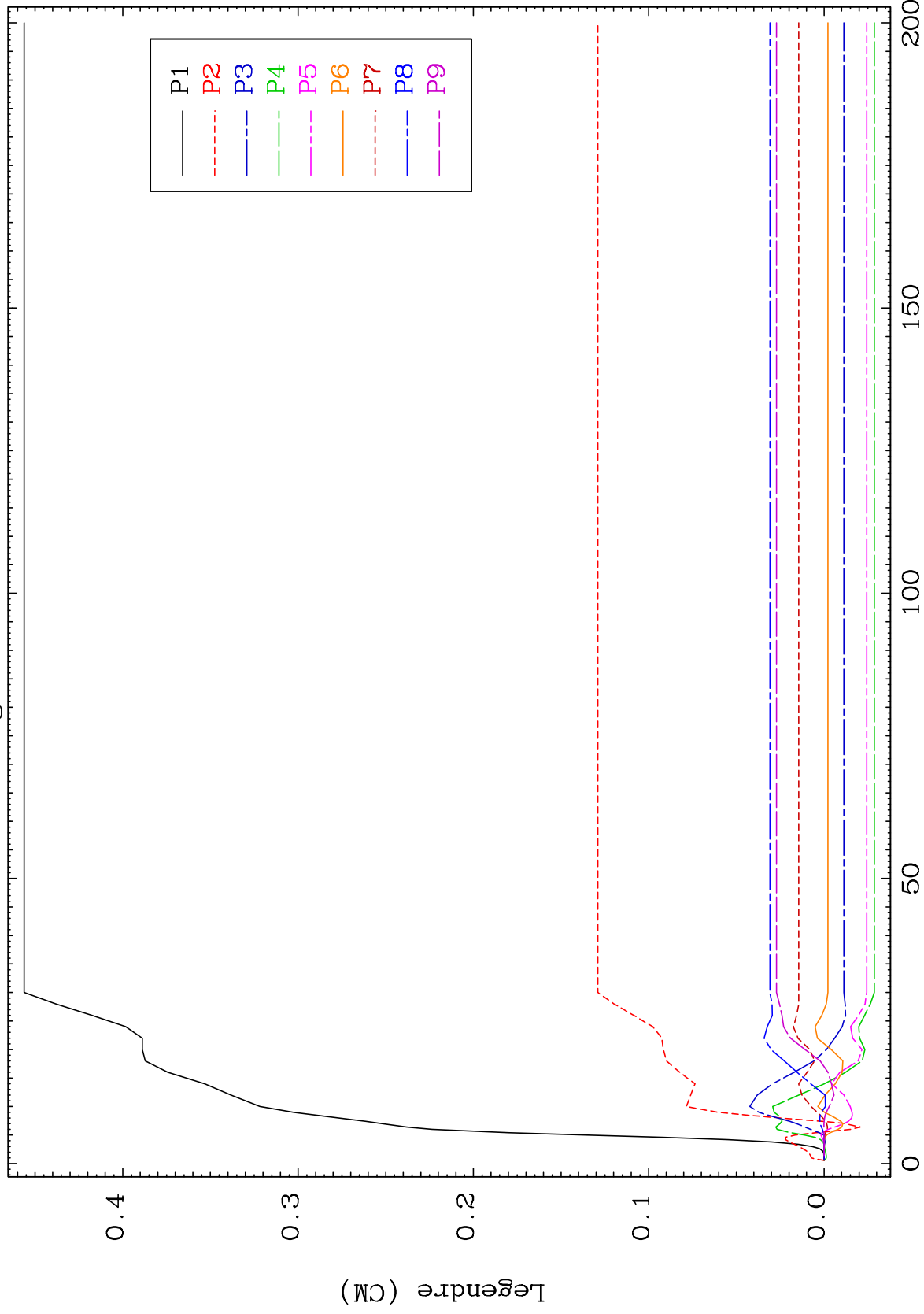
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



68

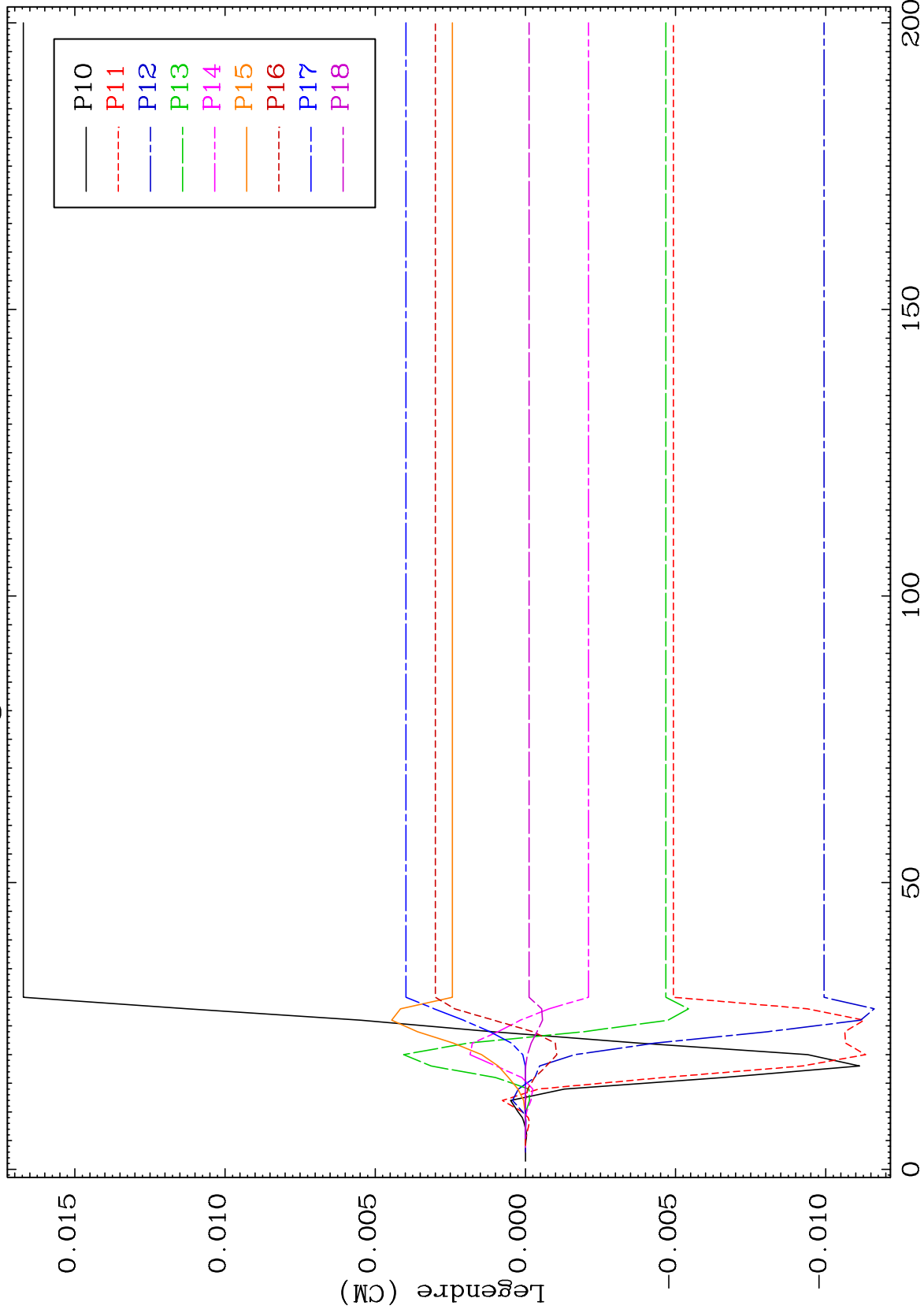
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

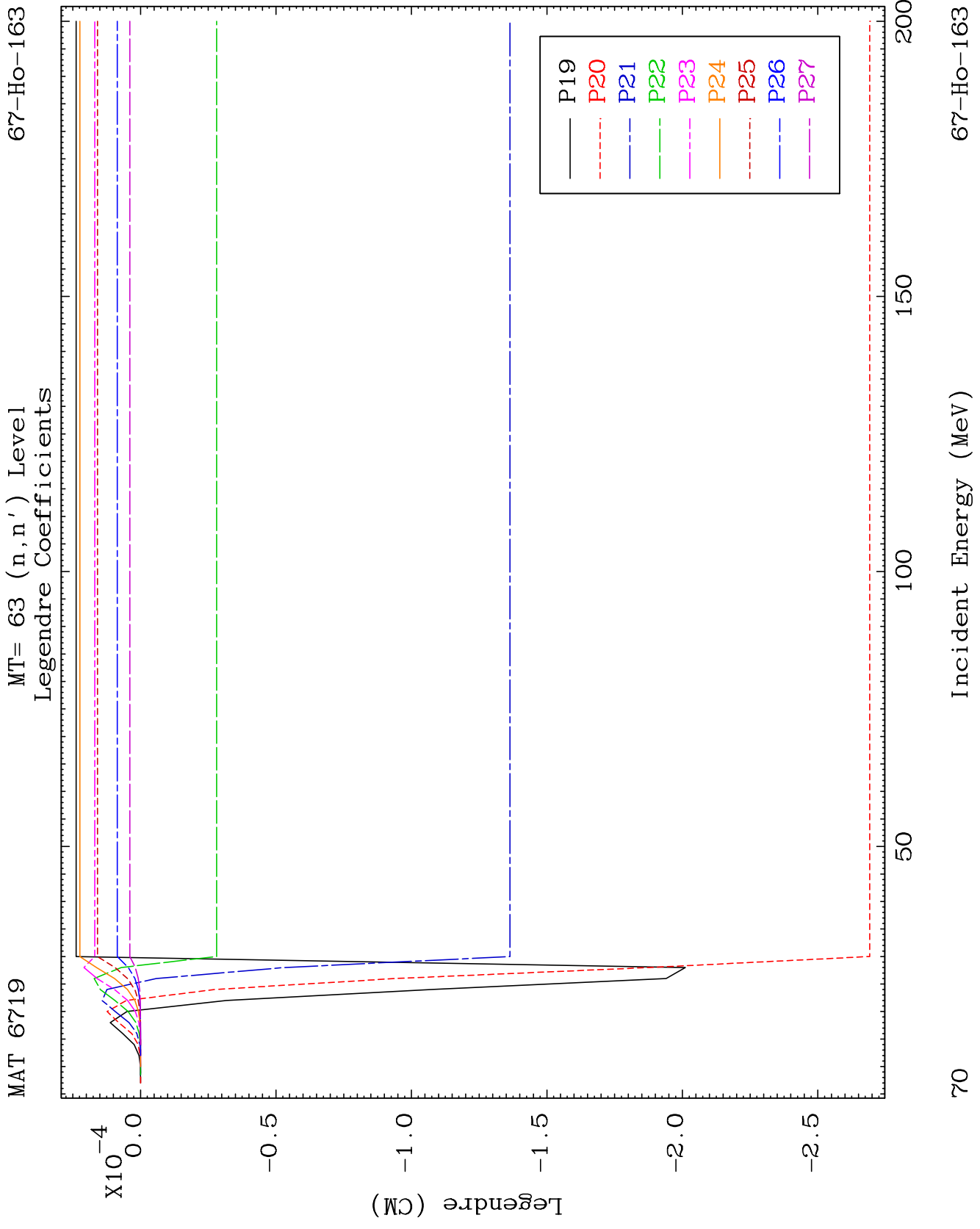
67-Ho-163



69

Incident Energy (MeV)

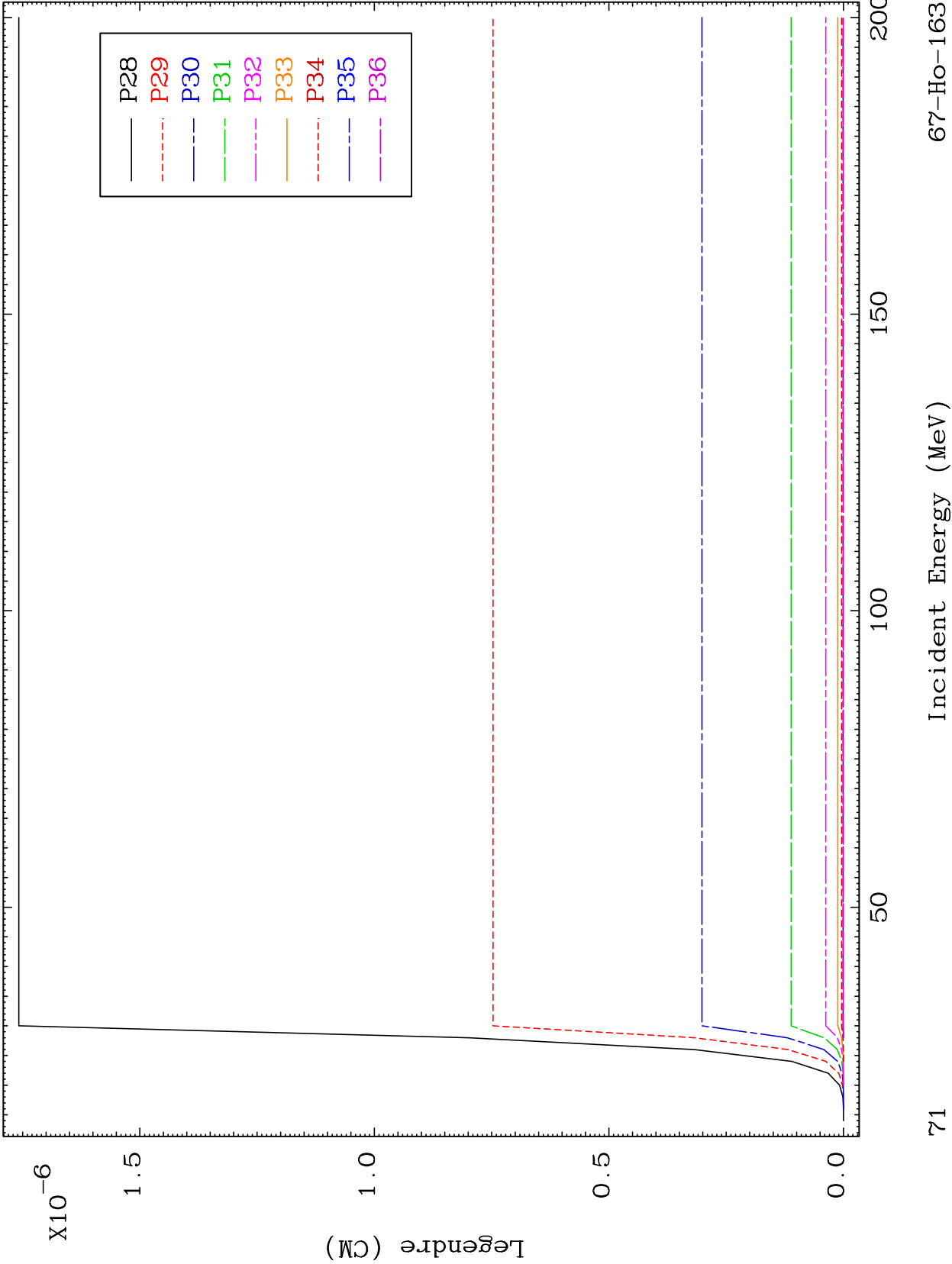
67-Ho-163



MAT 6719

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

67-Ho-163



71

Incident Energy (MeV)

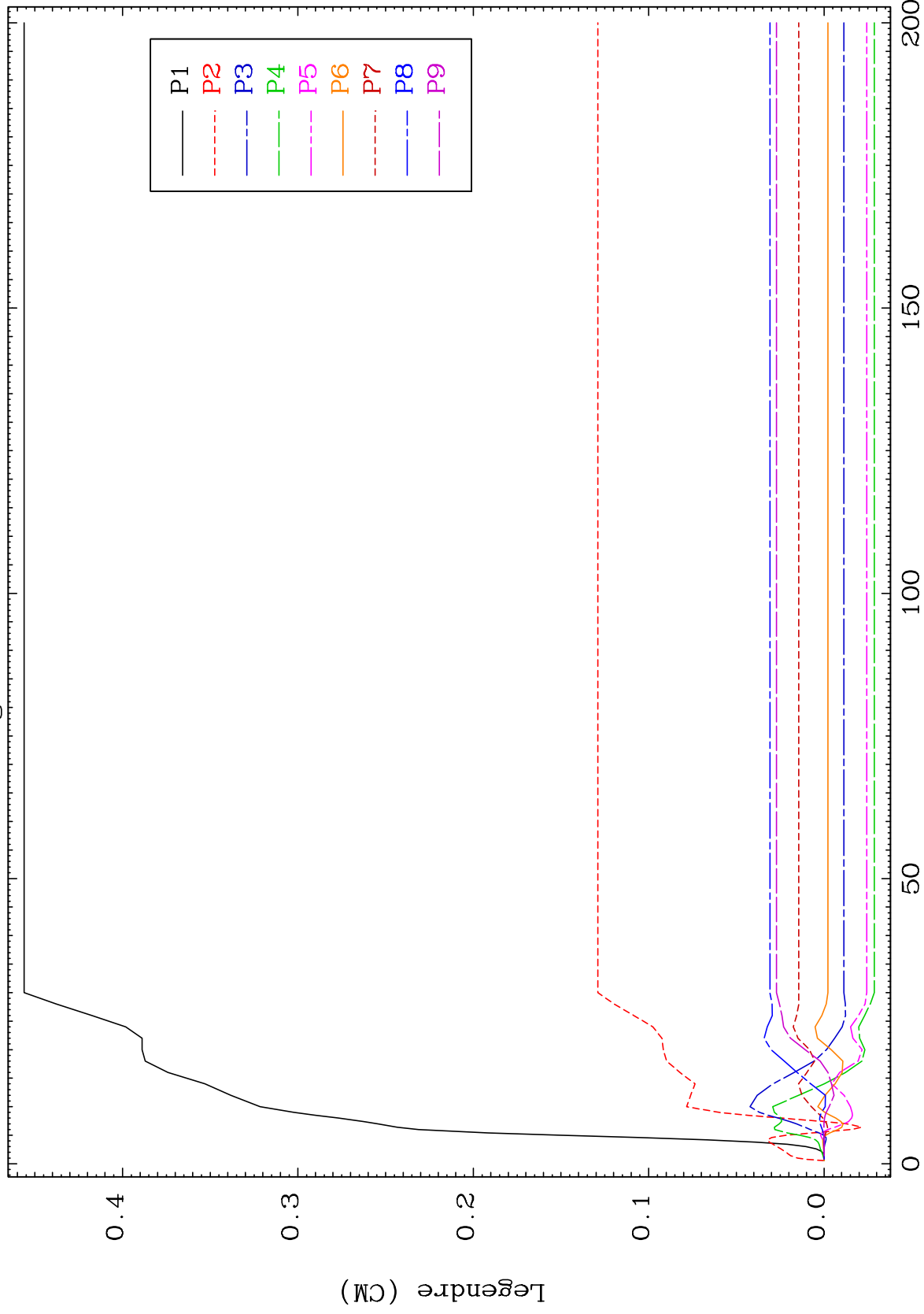
67-Ho-163



MAT 6719

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

67-Ho-163



72

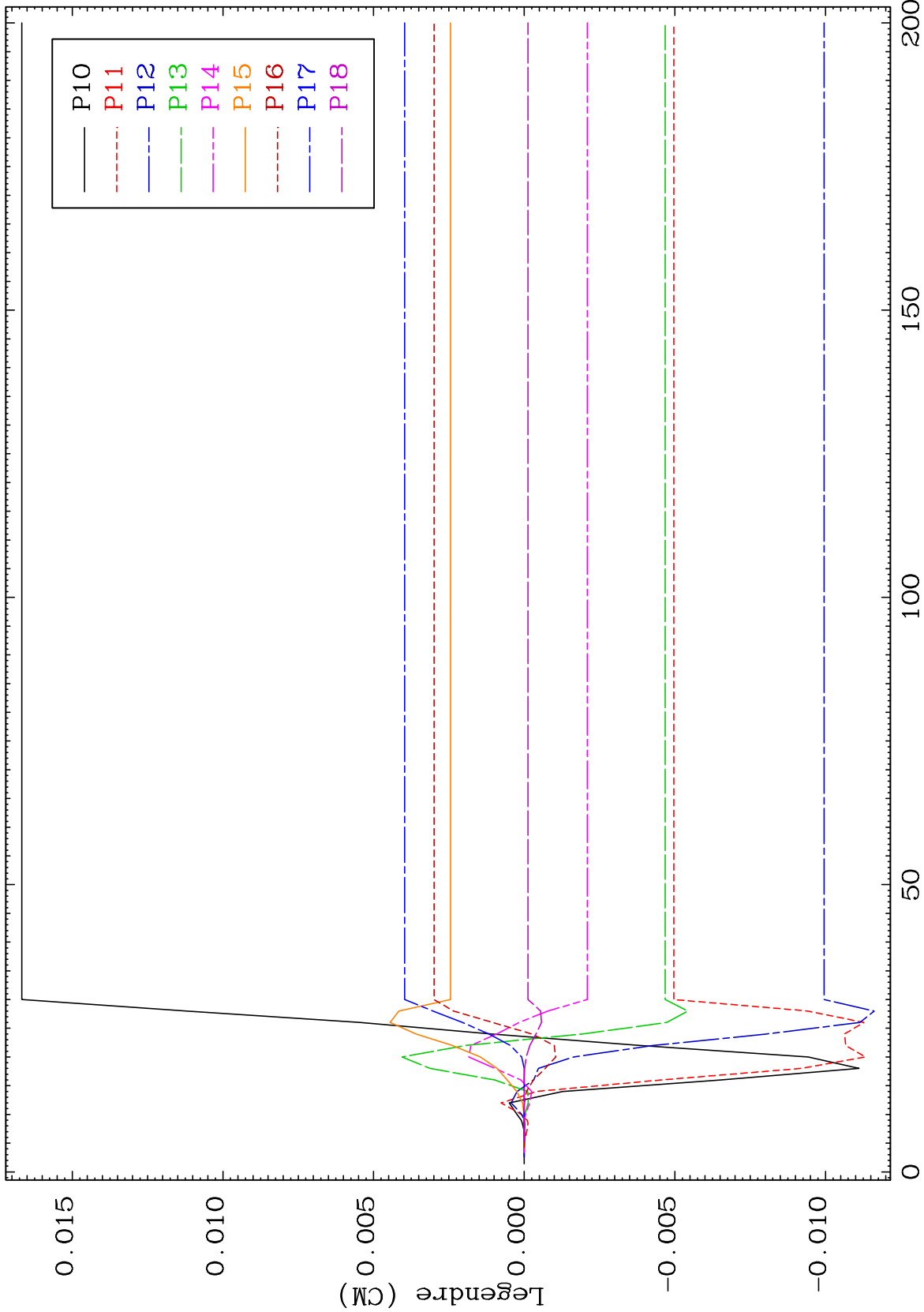
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



73

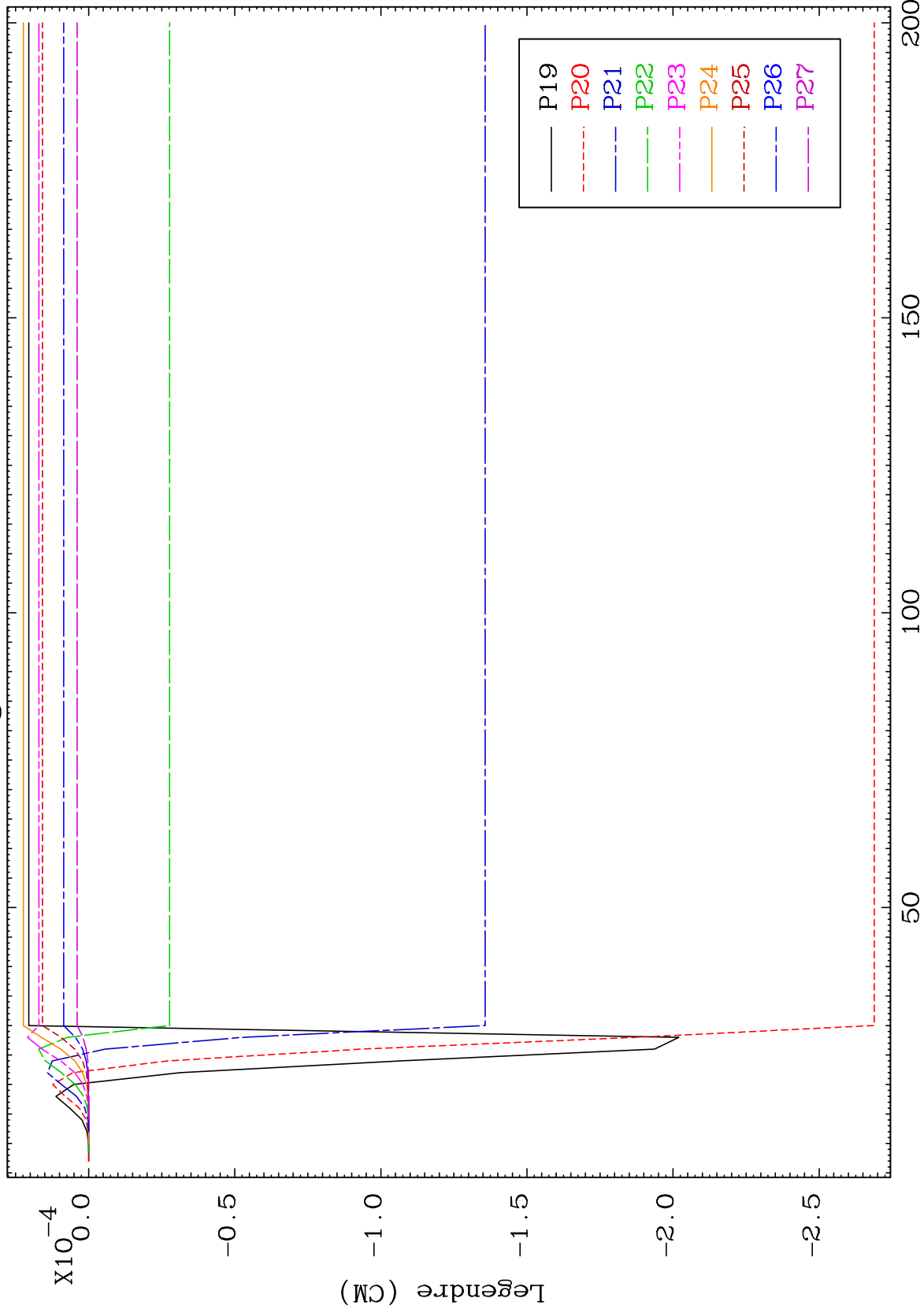
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



74

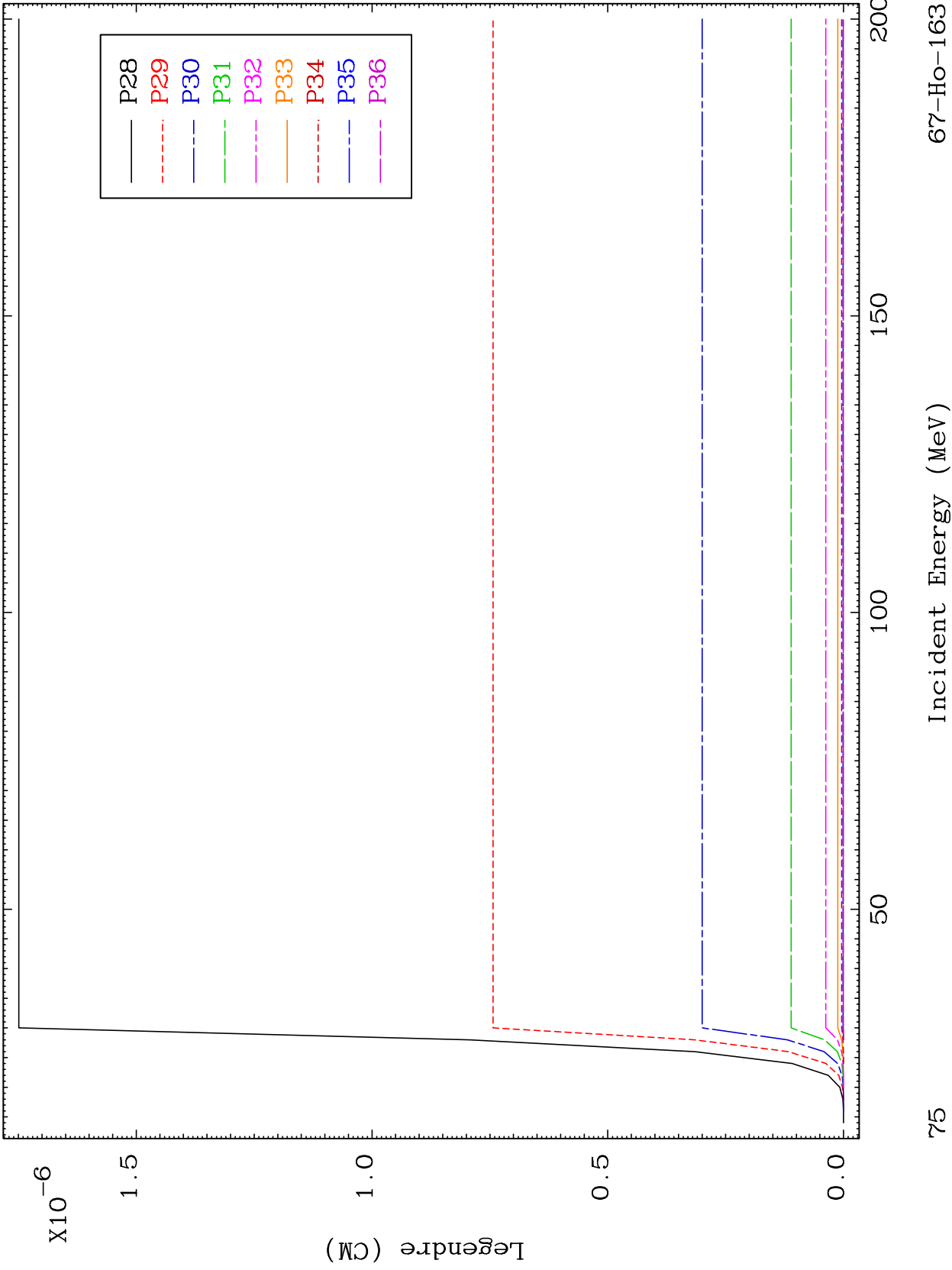
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



75

Incident Energy (MeV)

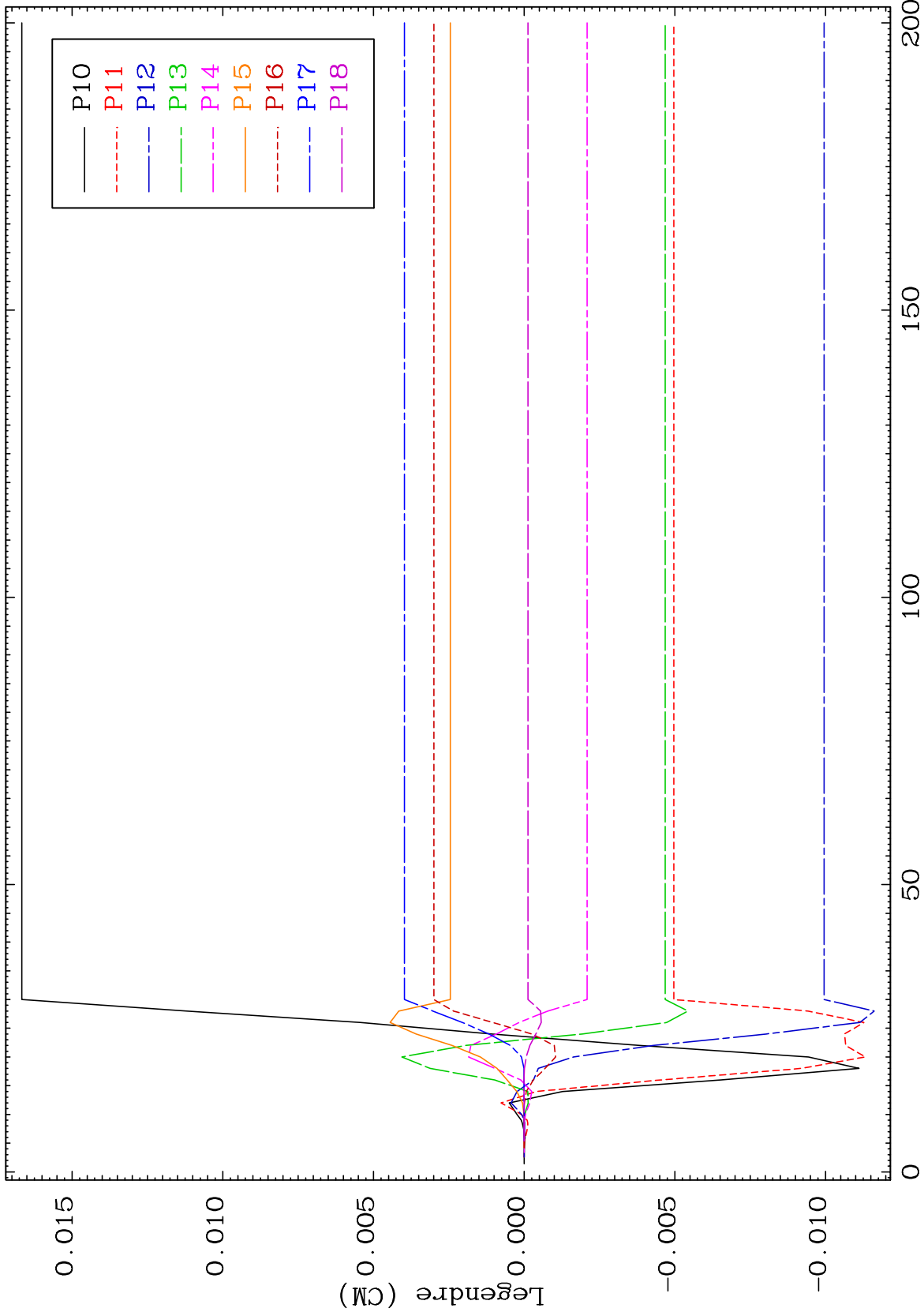
67-Ho-163



MAT 6719

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

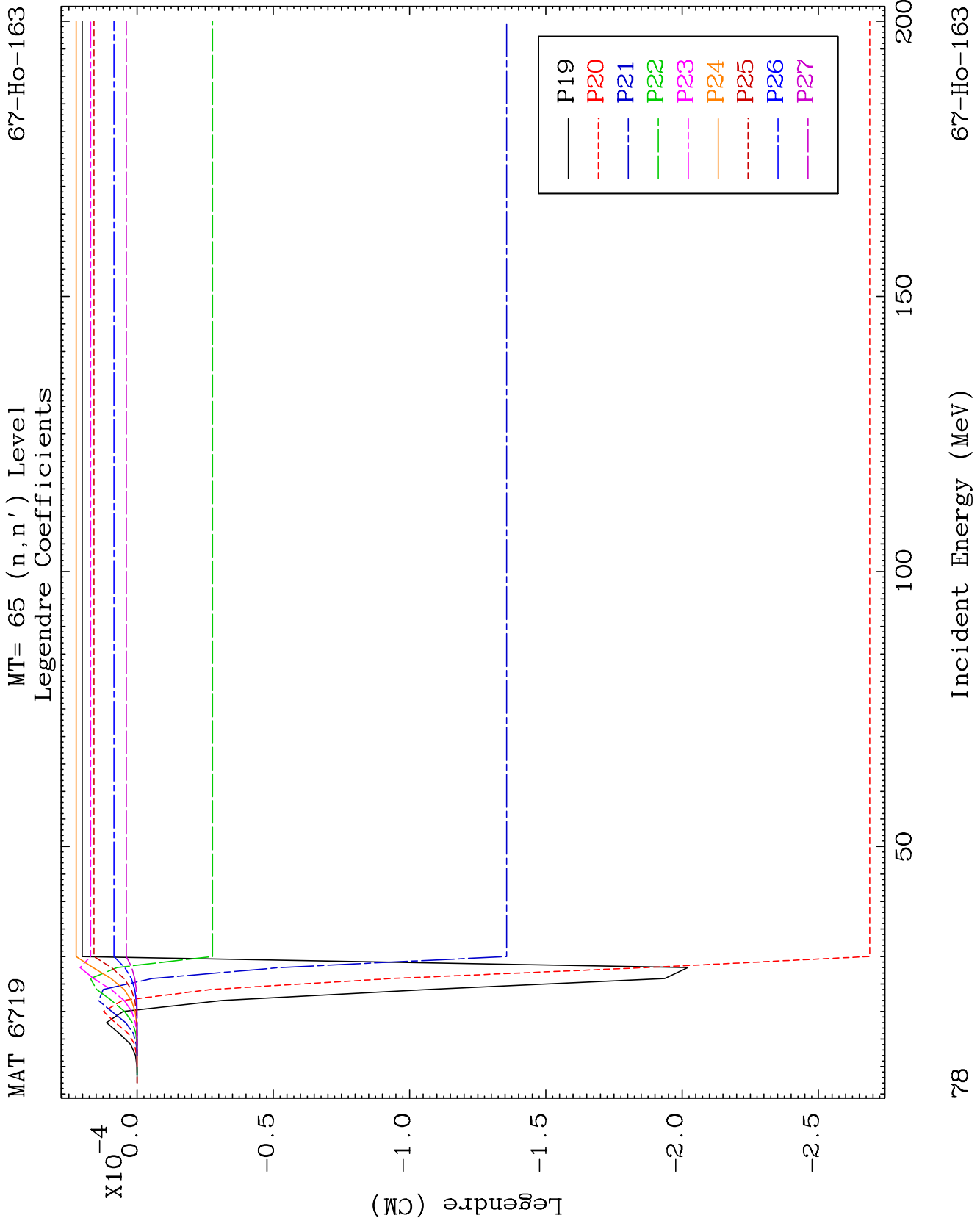
67-Ho-163



77

Incident Energy (MeV)

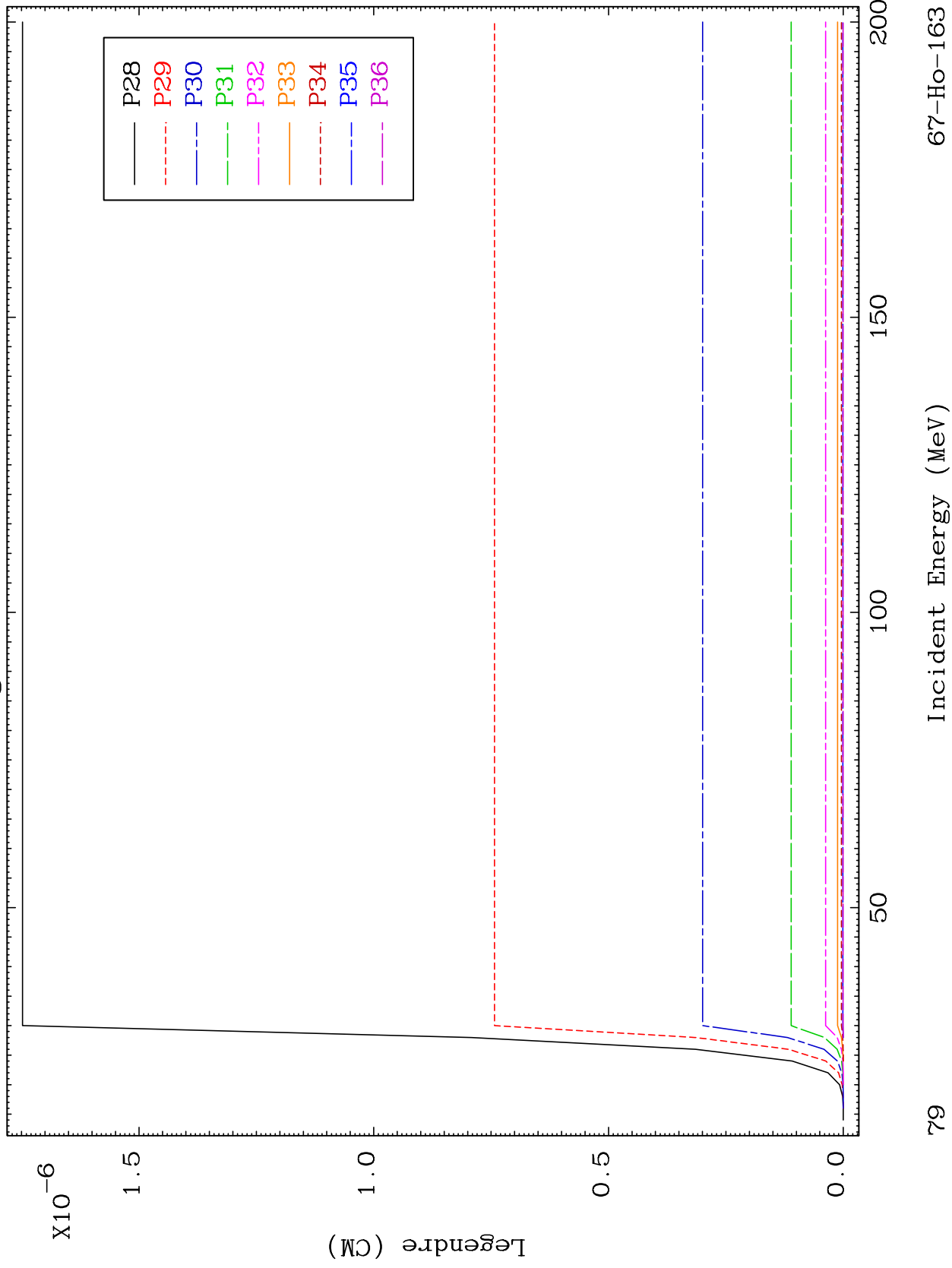
67-Ho-163



MAT 6719

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

67-Ho-163



79

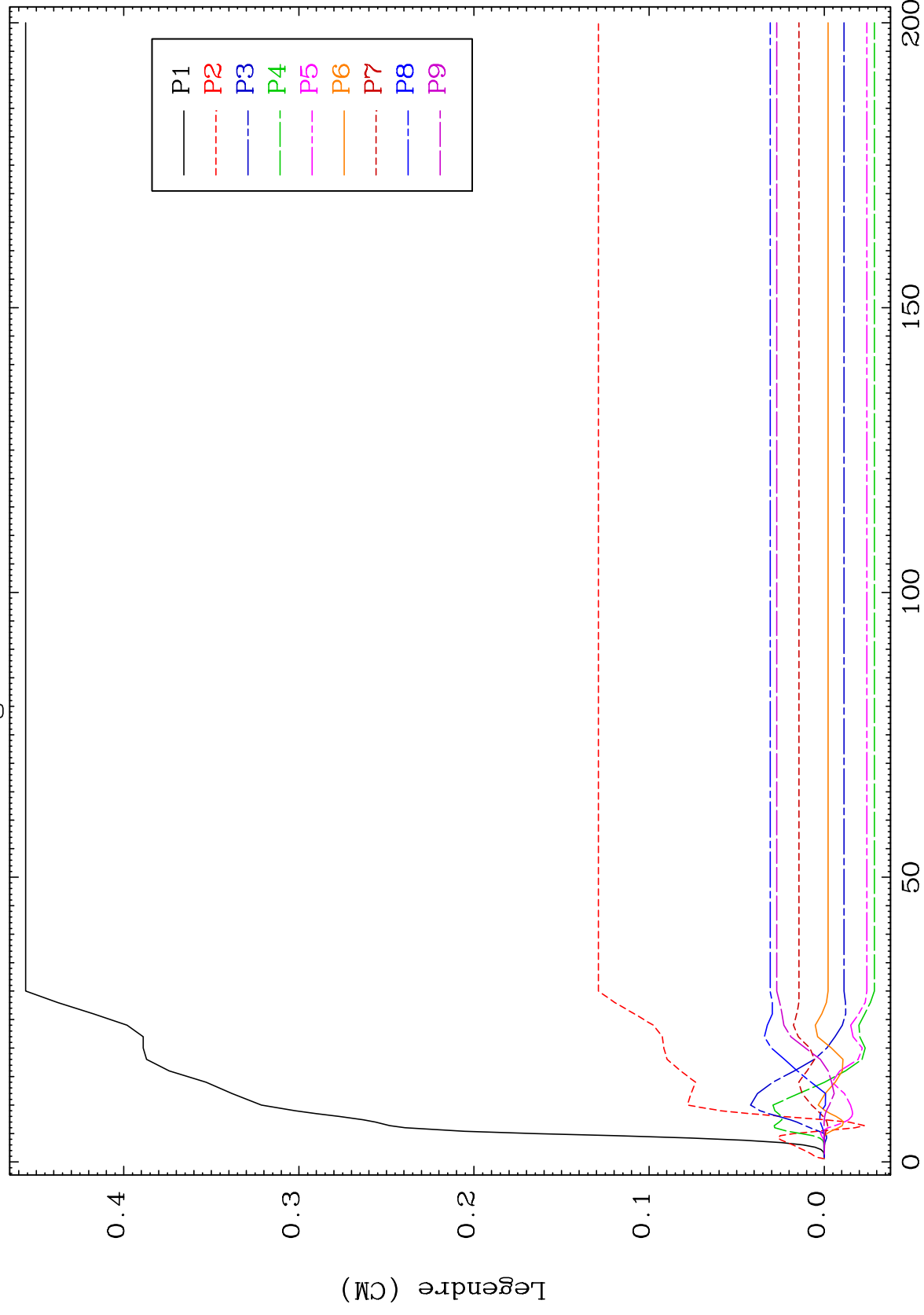
67-Ho-163



MAT 6719

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

67-Ho-163



67-Ho-163

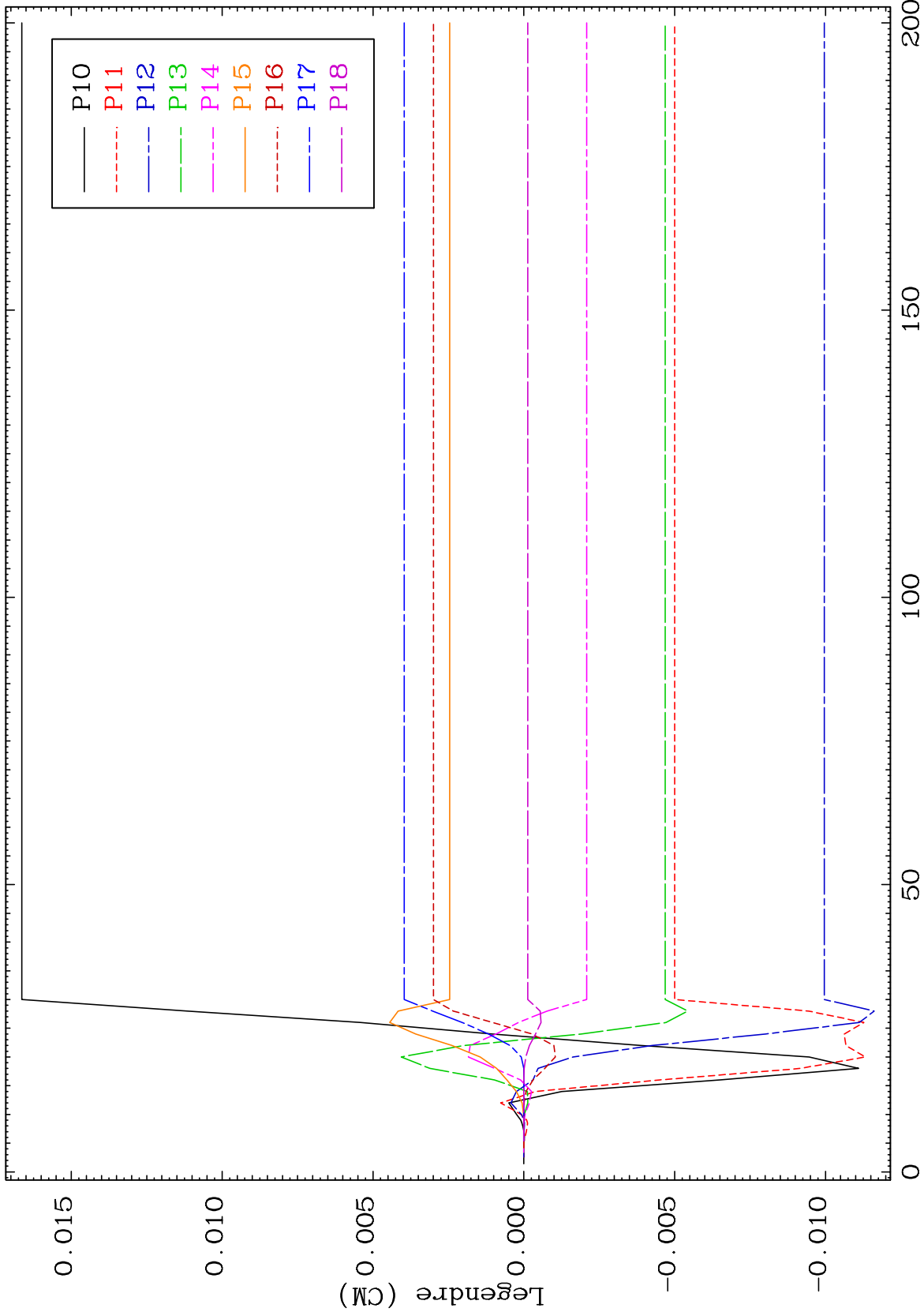
Incident Energy (MeV)

80

MAT 6719

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

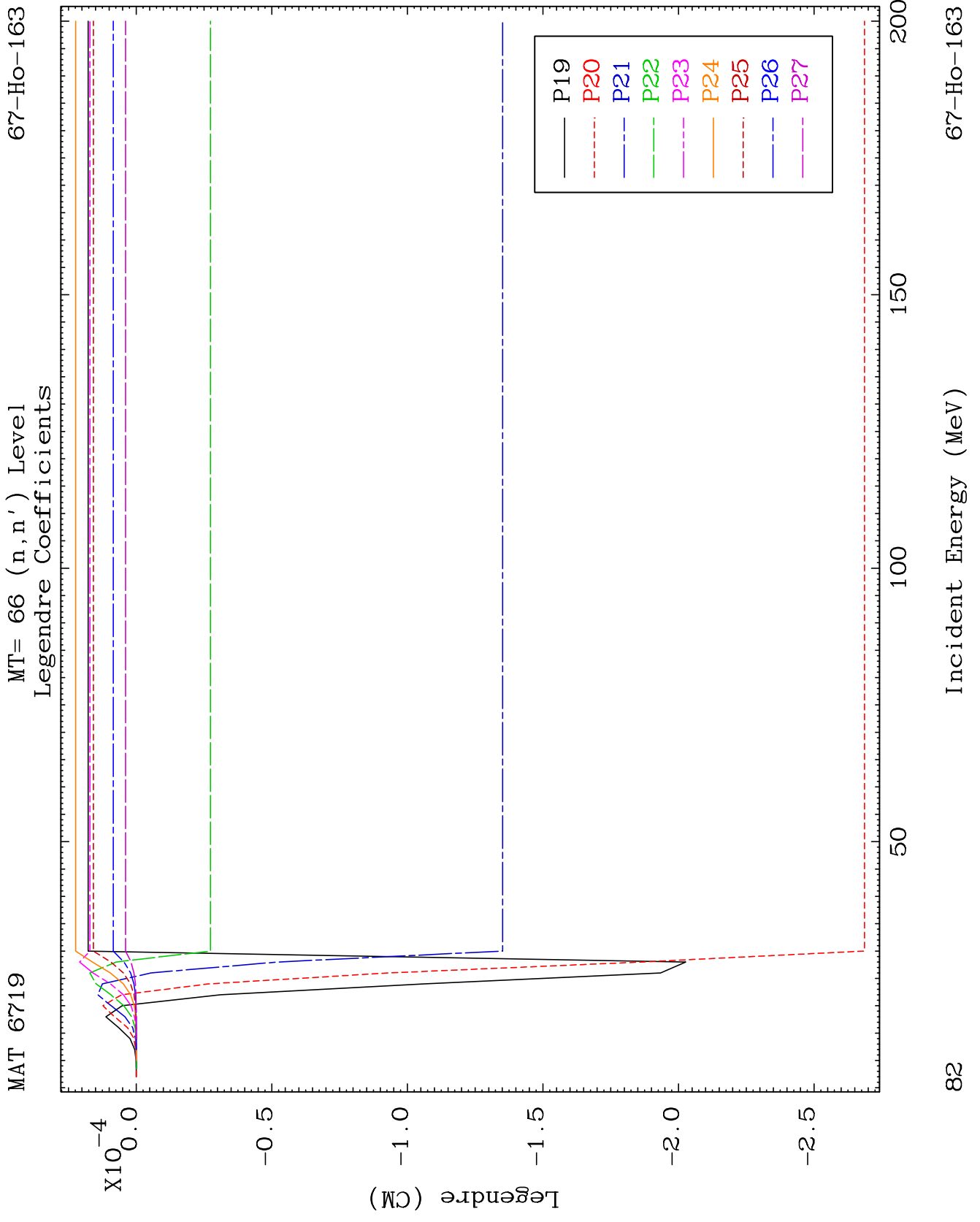
67-Ho-163



81

Incident Energy (MeV)

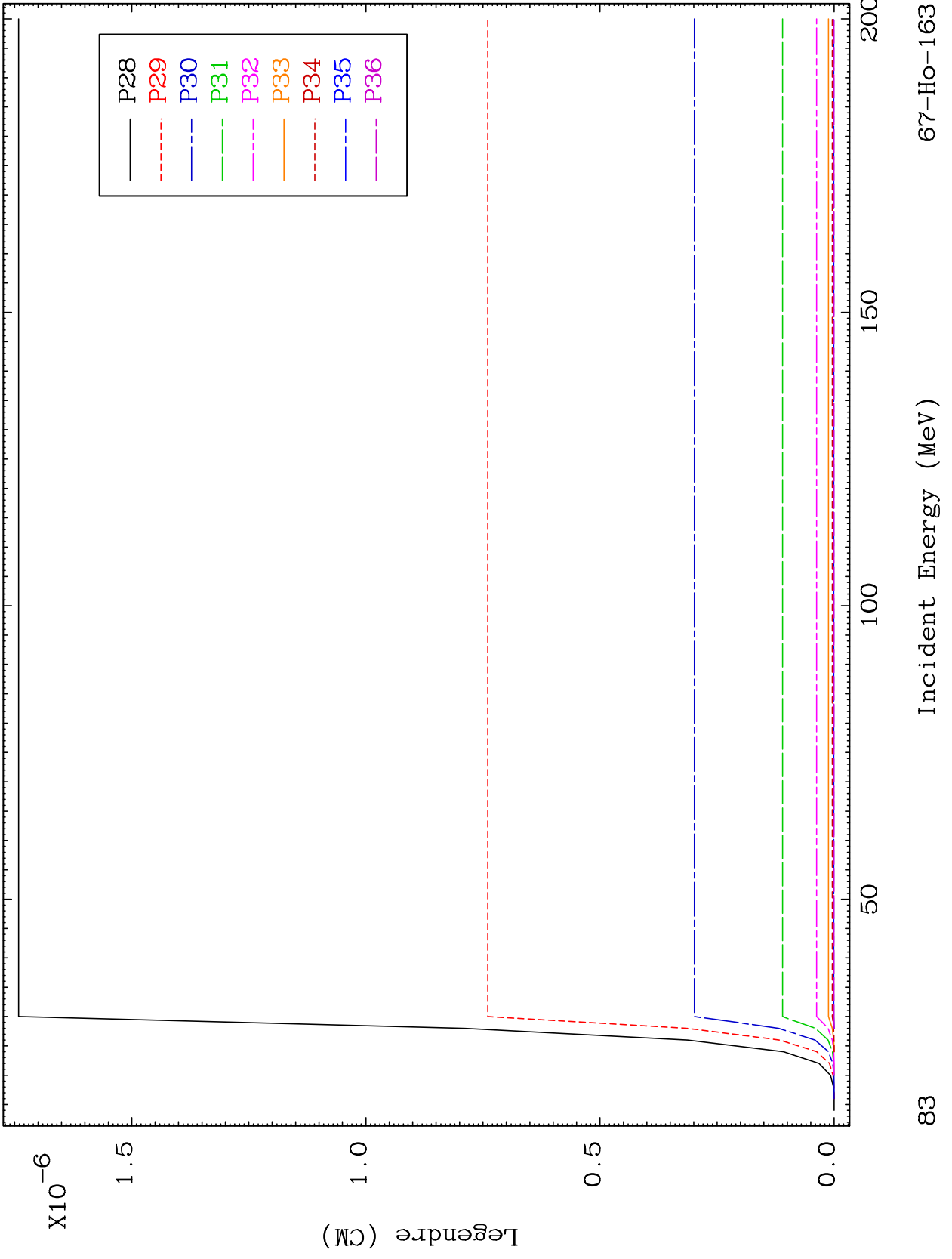
67-Ho-163



MAT 6719

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

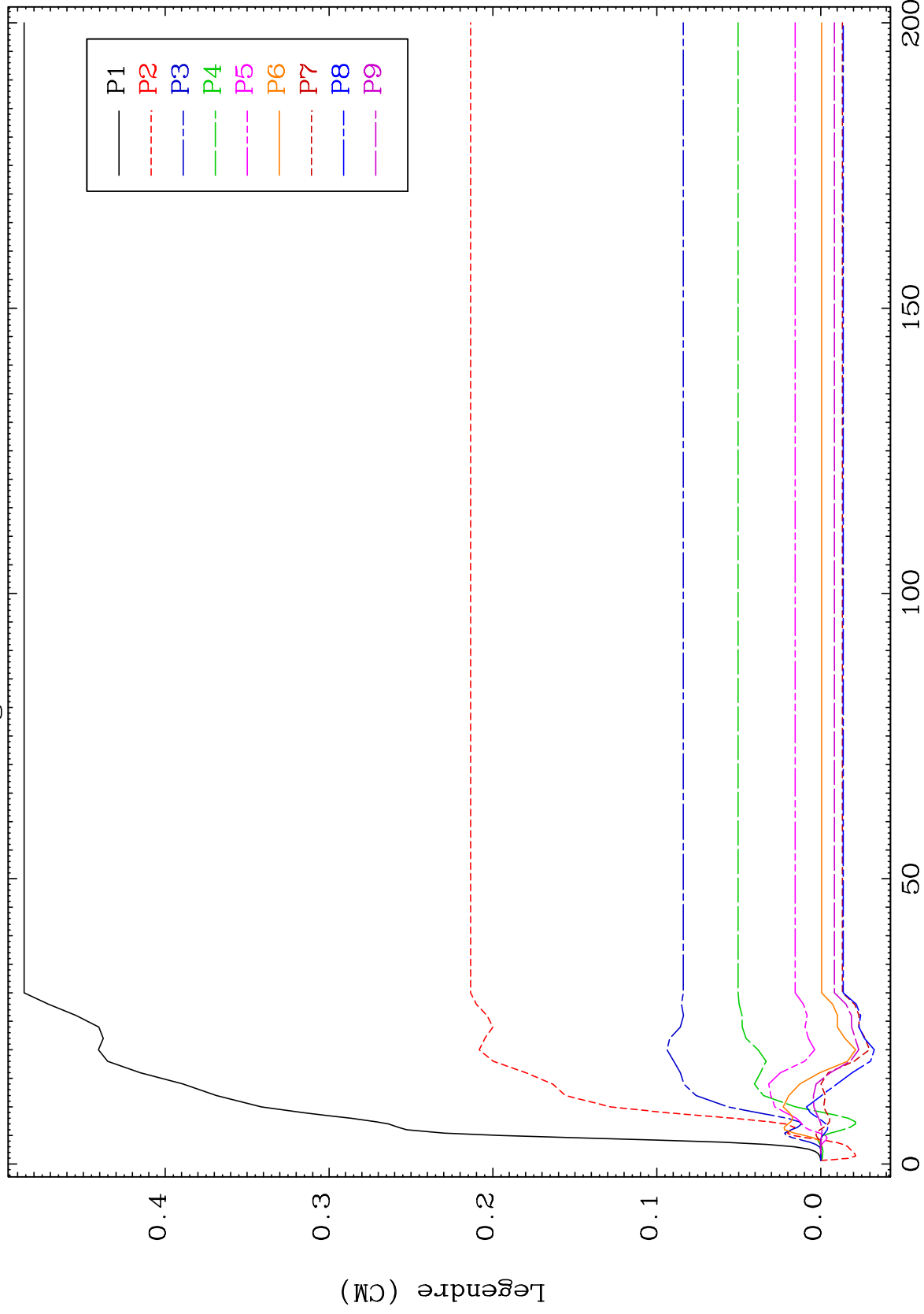
67-Ho-163



MAT 6719

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

67-Ho-163



84

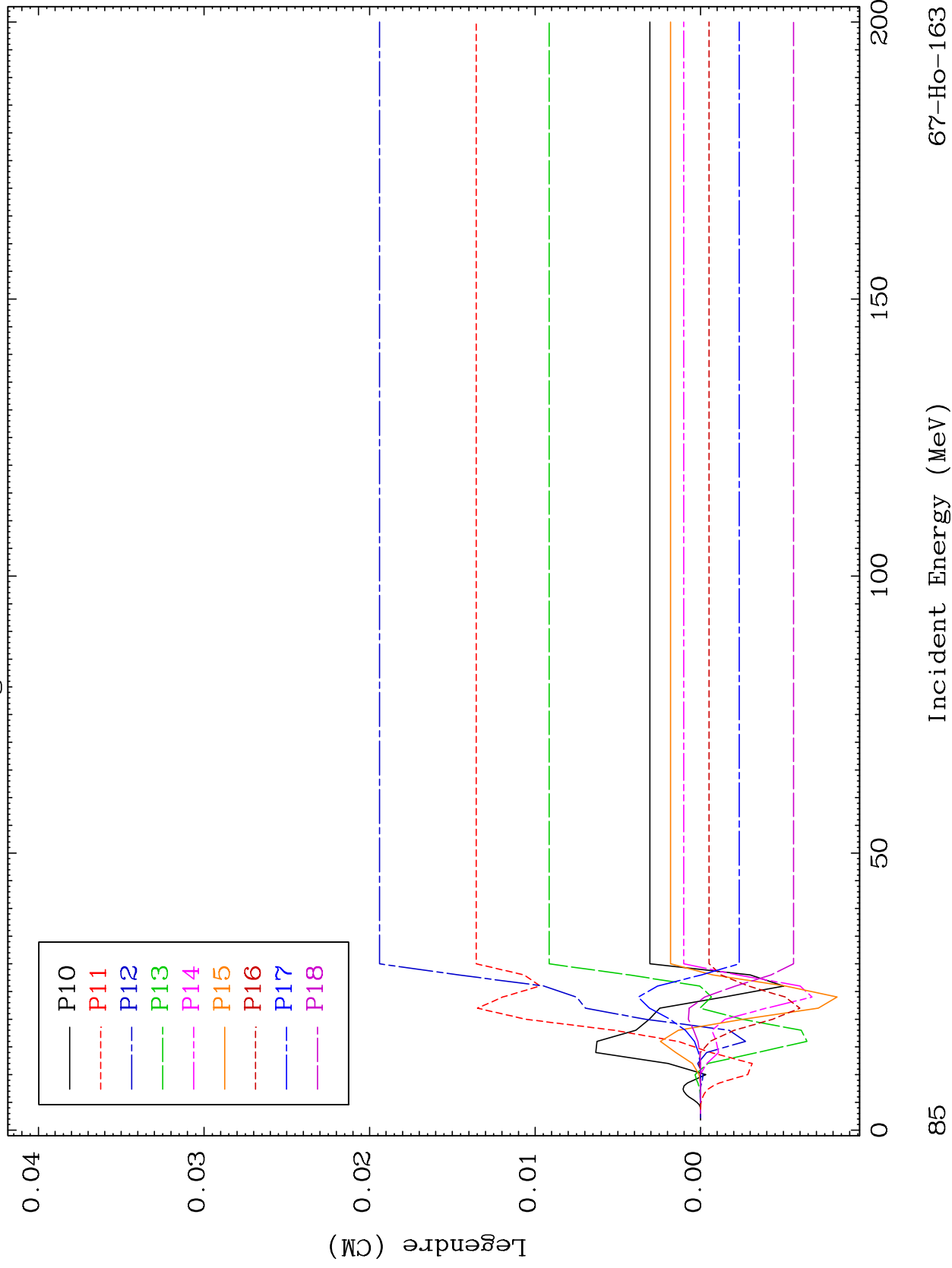
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



67-Ho-163

Incident Energy (MeV)

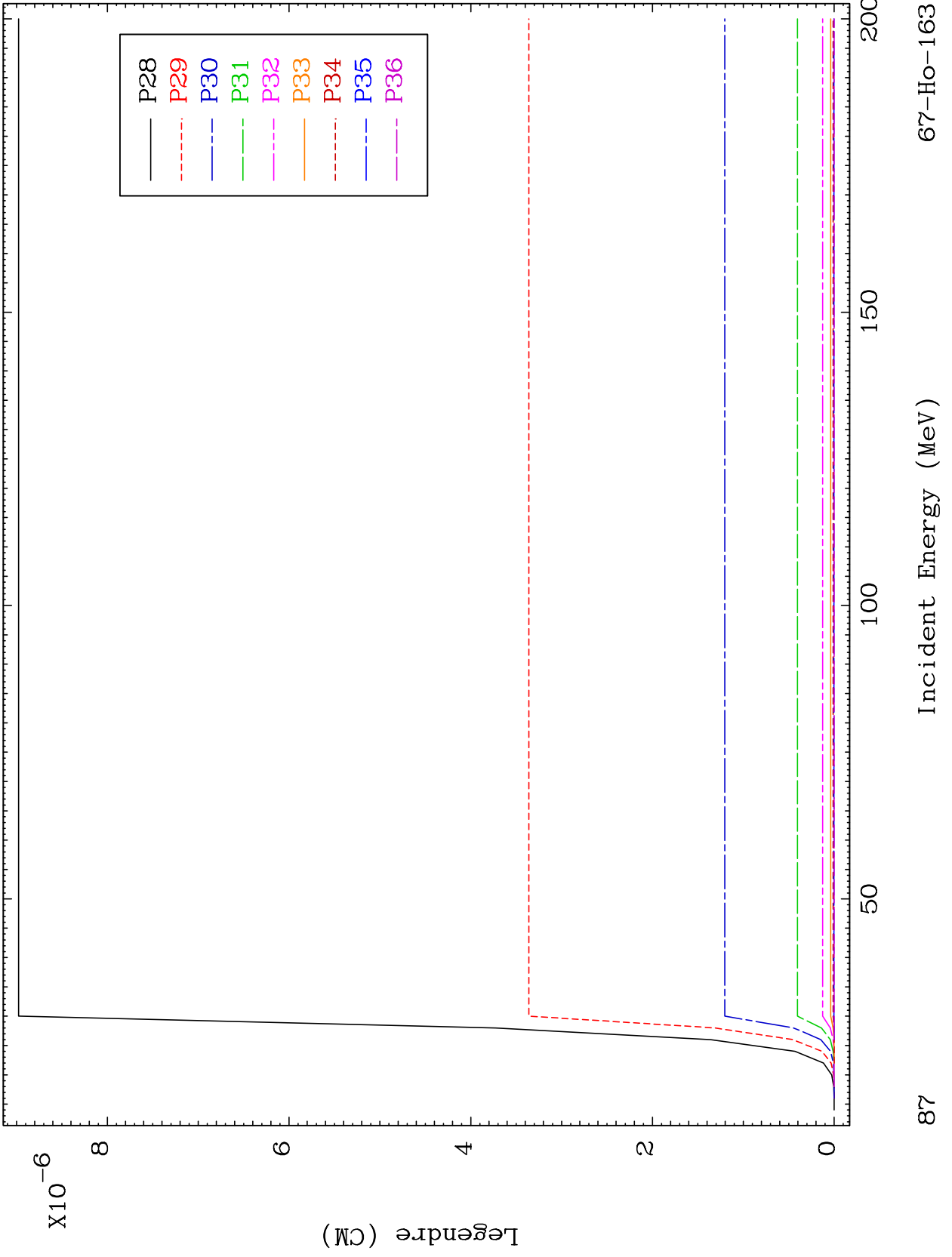
85



MAT 6719

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

67-Ho-163



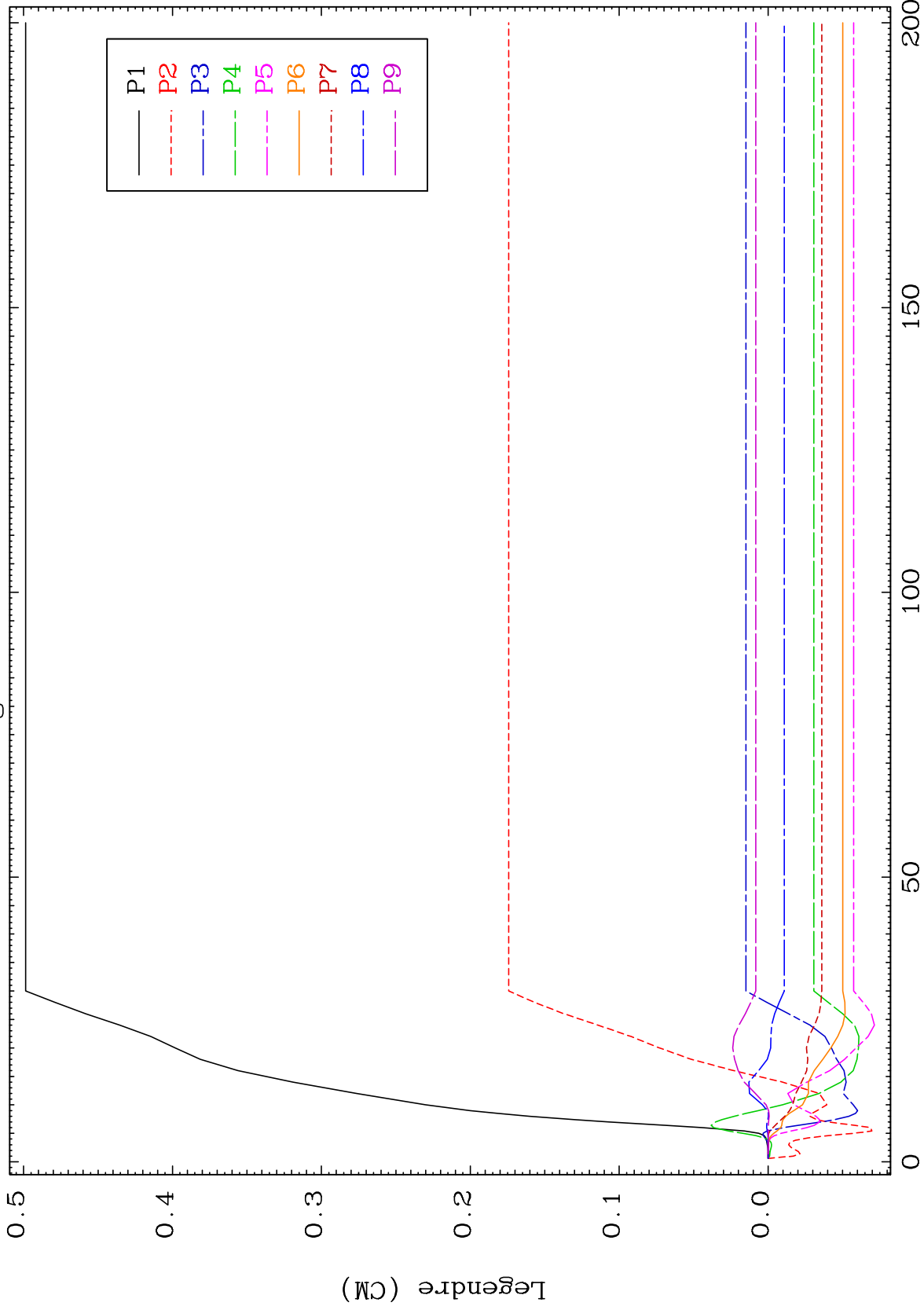


MAT 6719

MT= 68 (n,n') Level

67-Ho-163

Legendre Coefficients



88

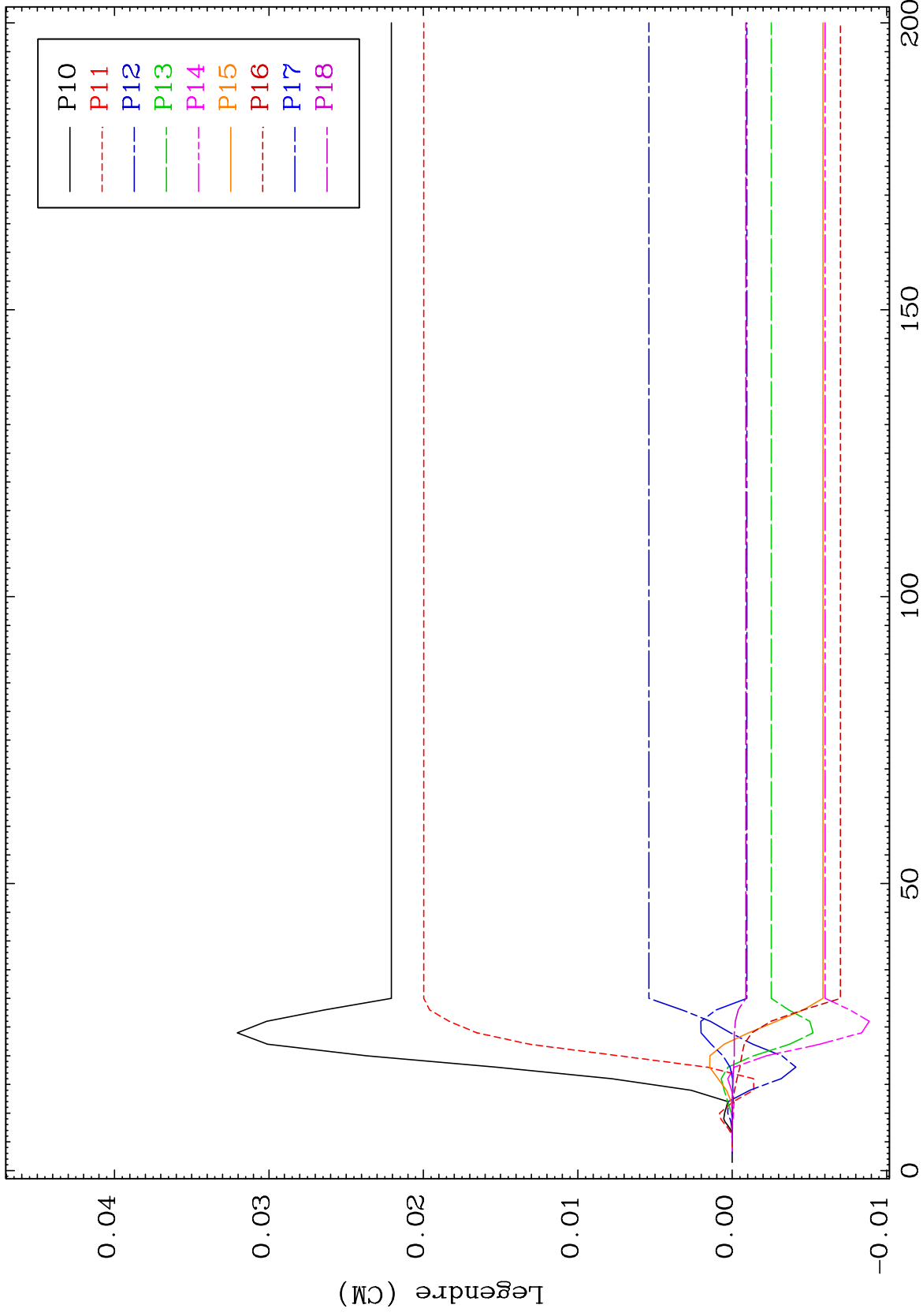
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



89

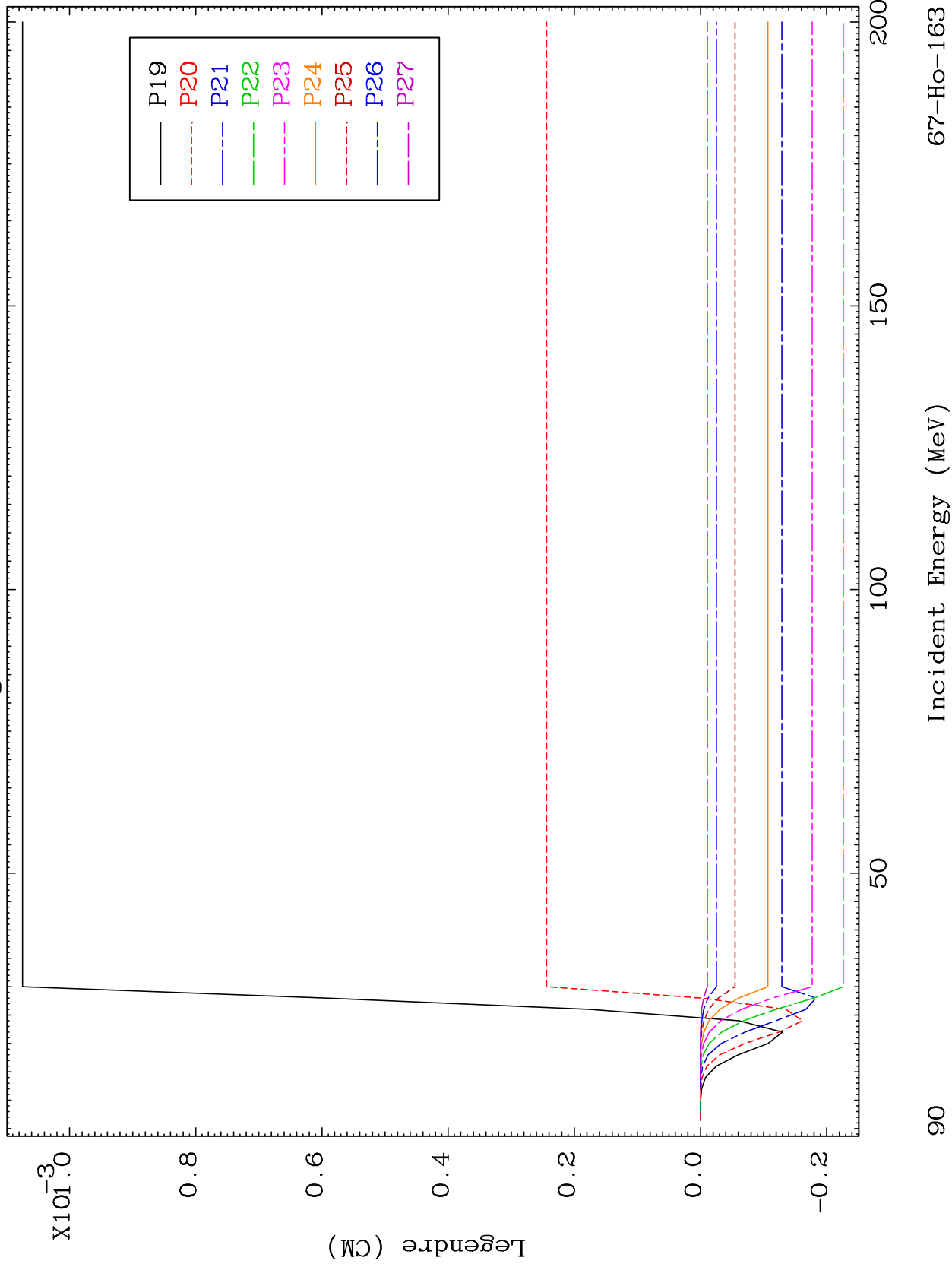
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

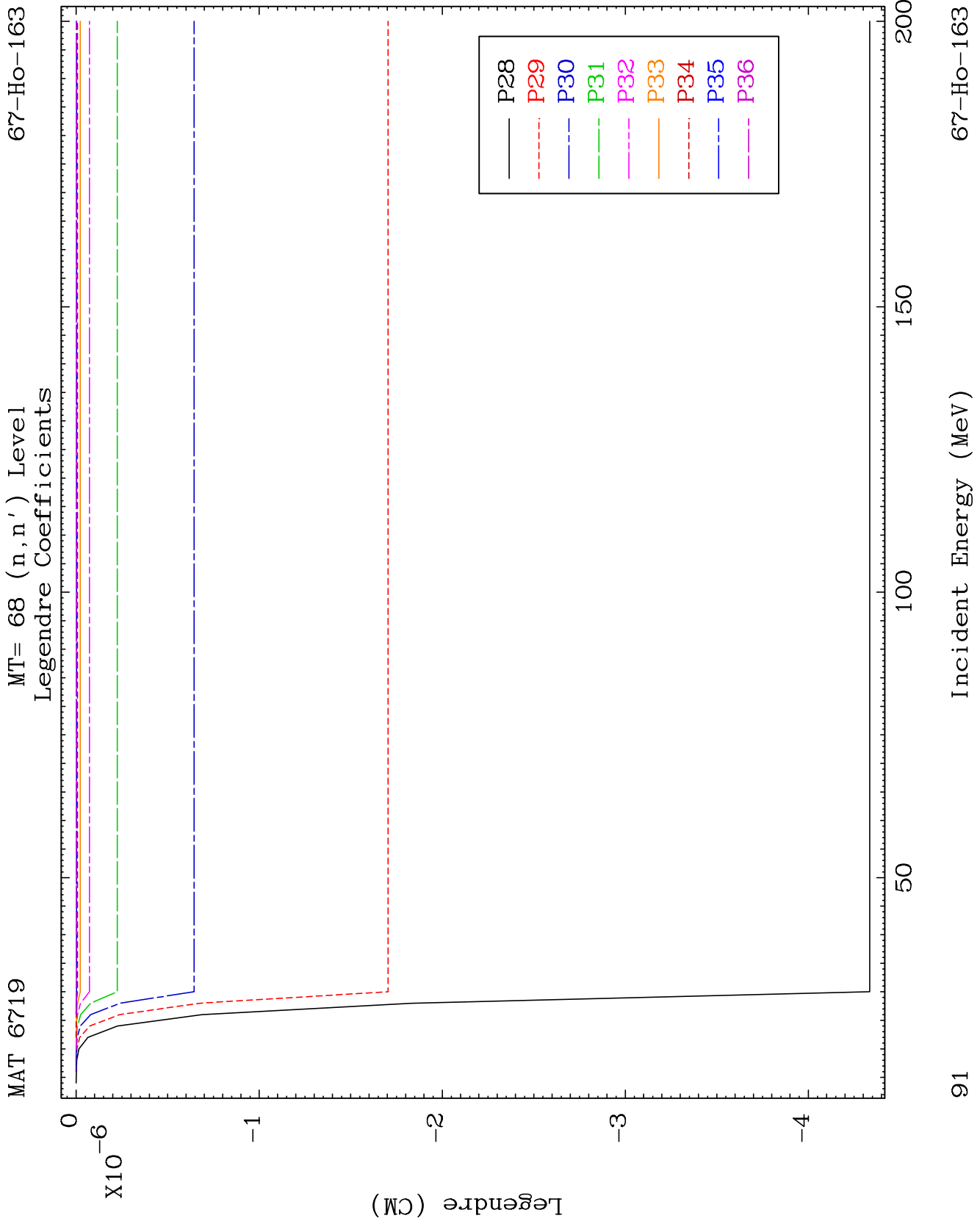
67-Ho-163



90

Incident Energy (MeV)

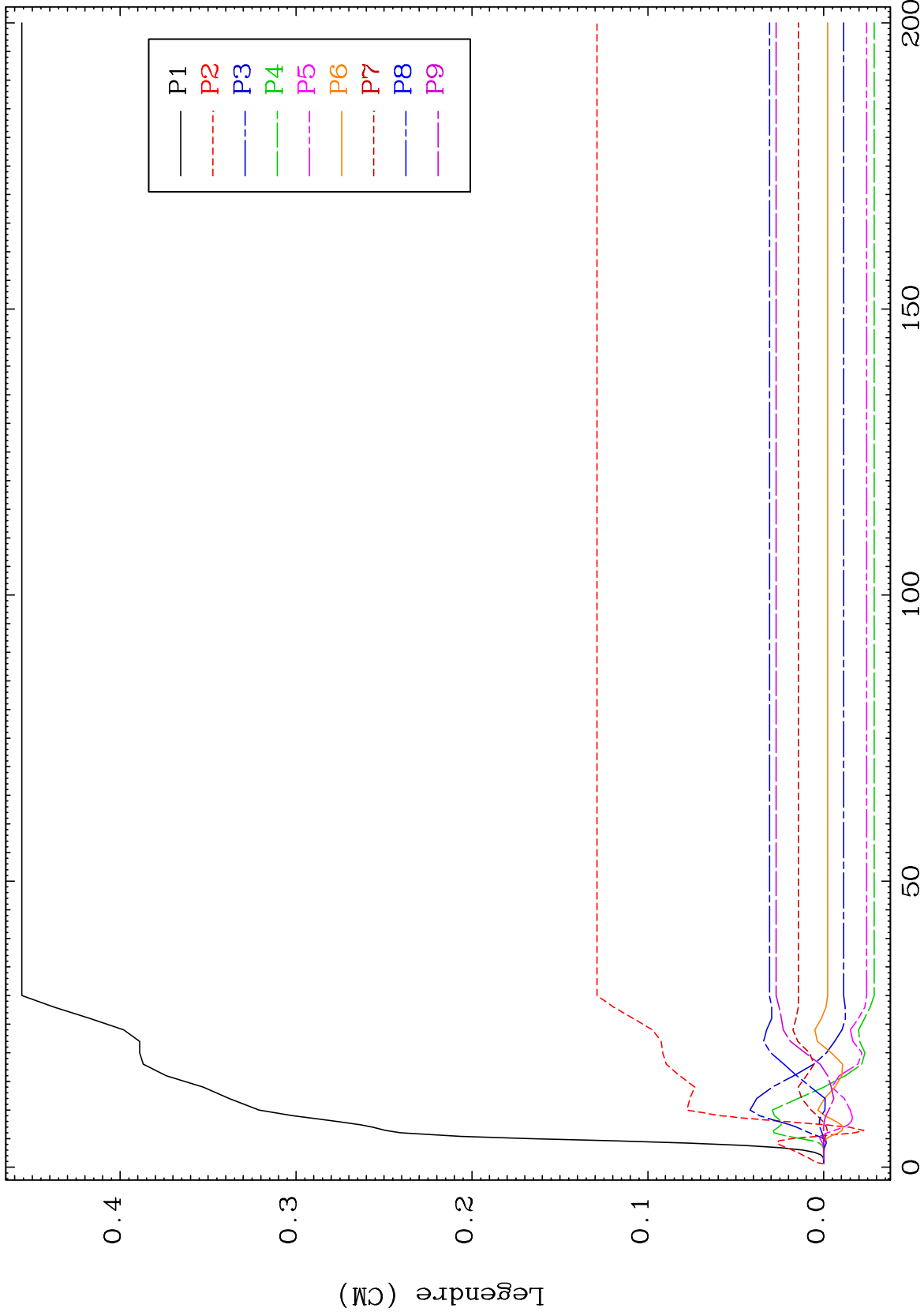
67-Ho-163



MAT 6719

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

67-Ho-163



92

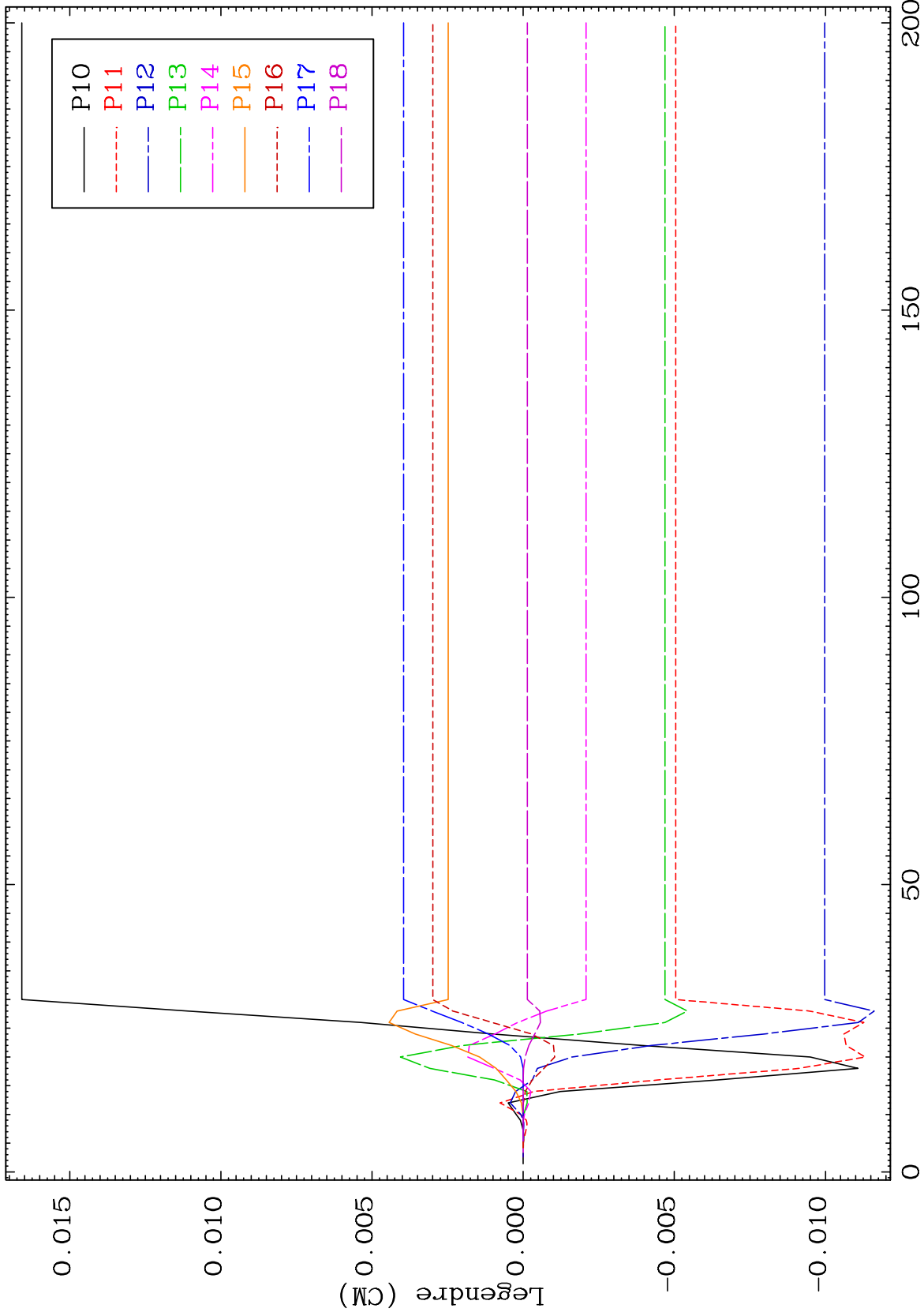
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



93

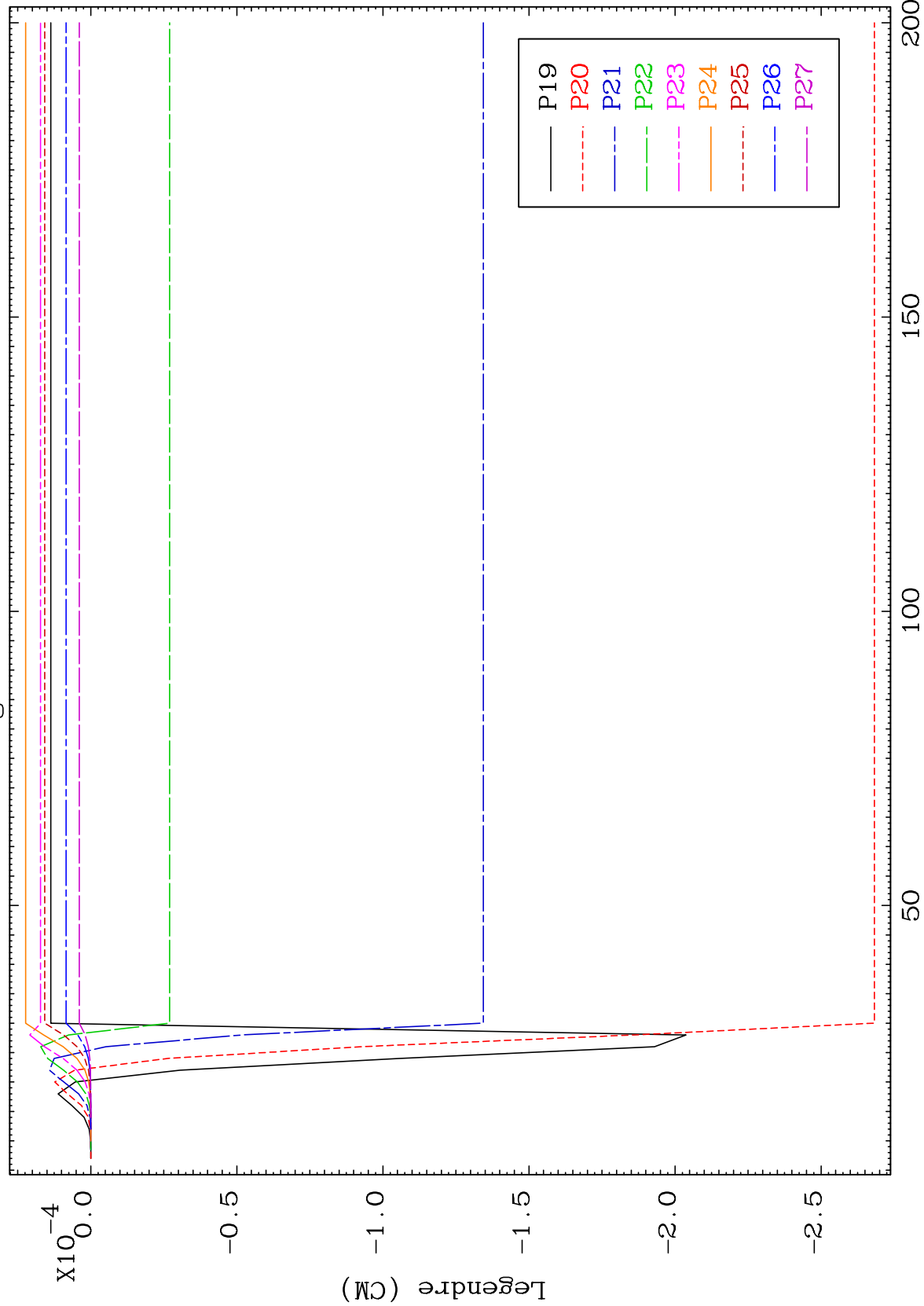
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



94

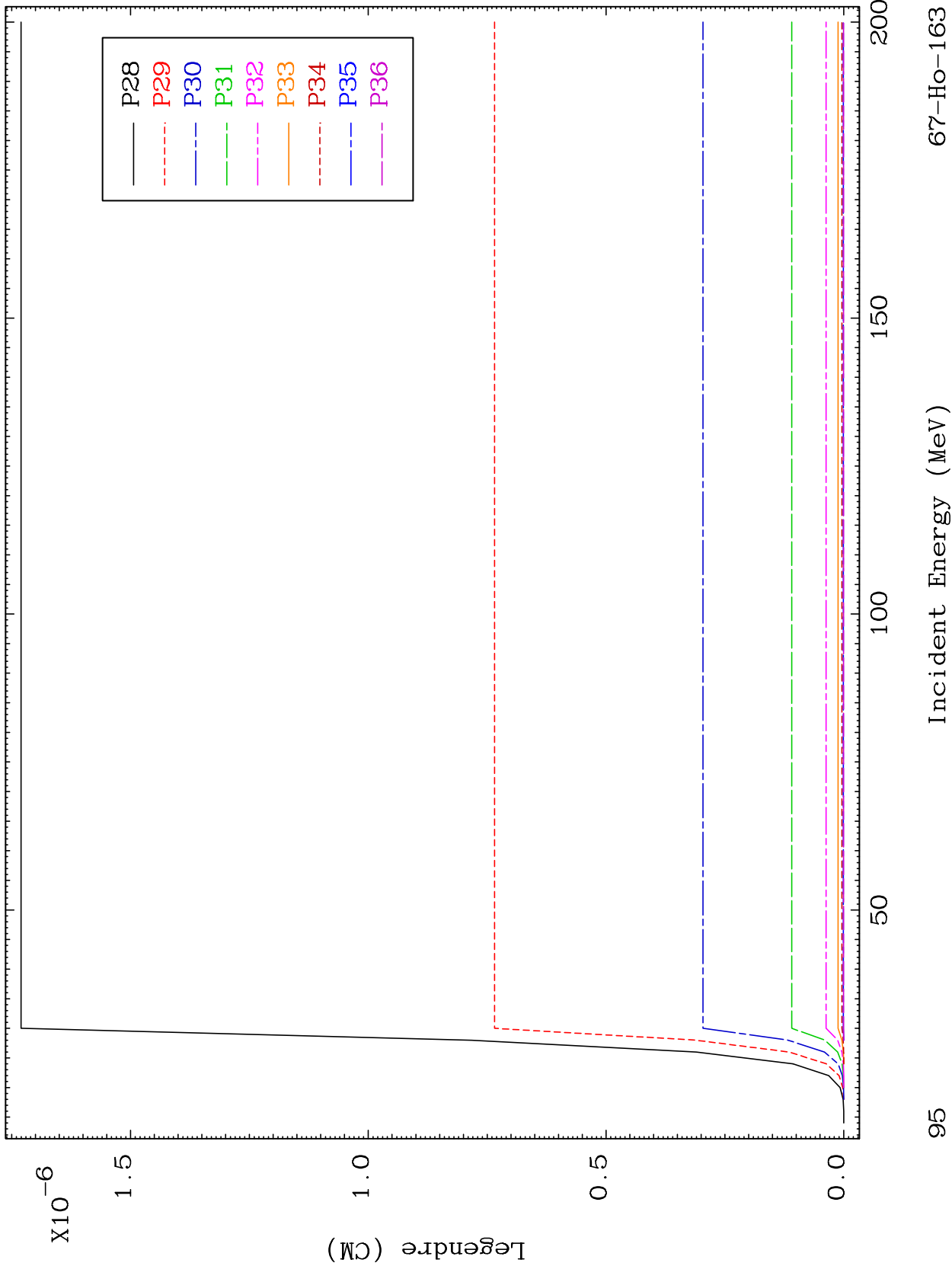
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



95

Incident Energy (MeV)

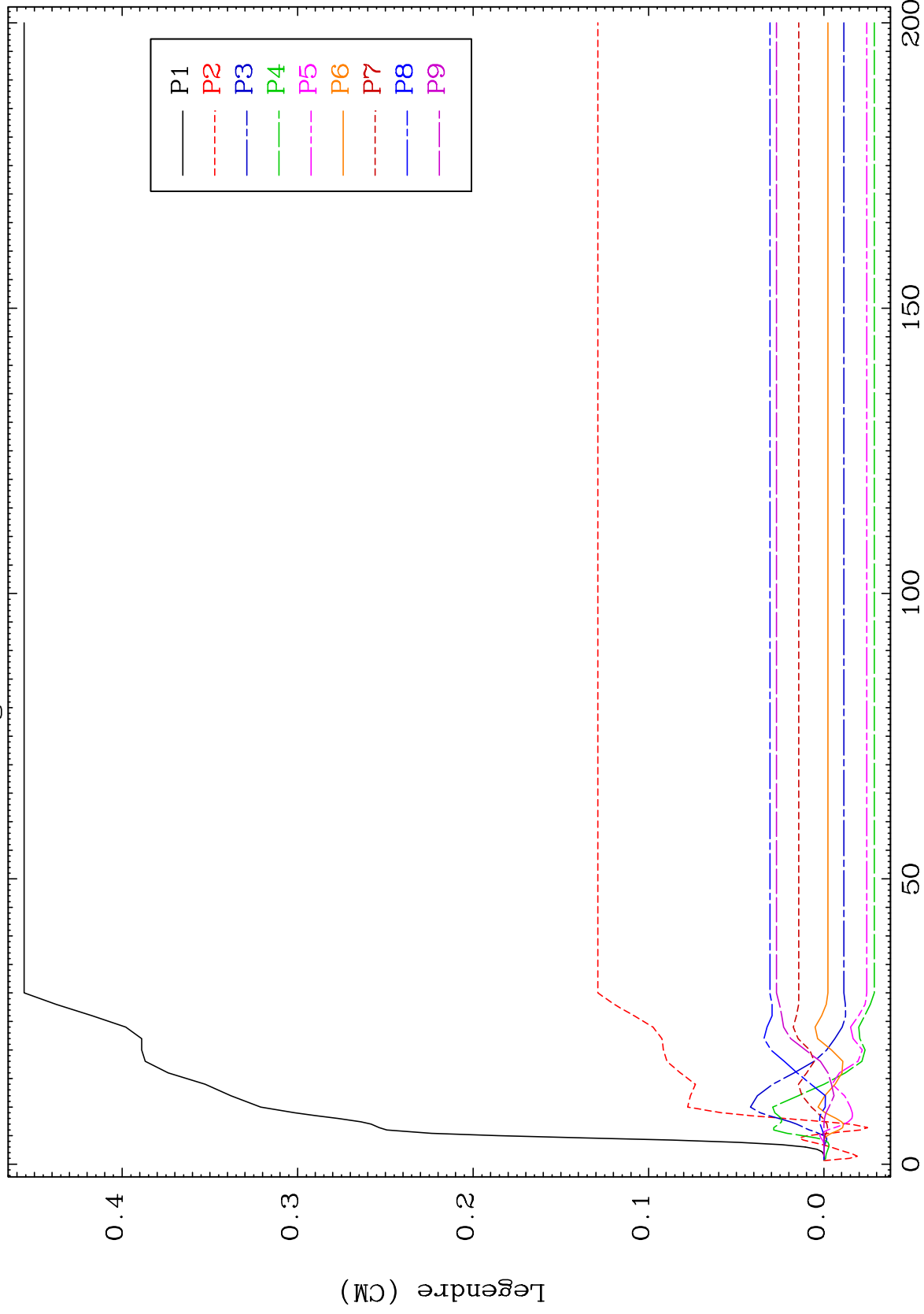
67-Ho-163



MAT 6719

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

67-Ho-163



96

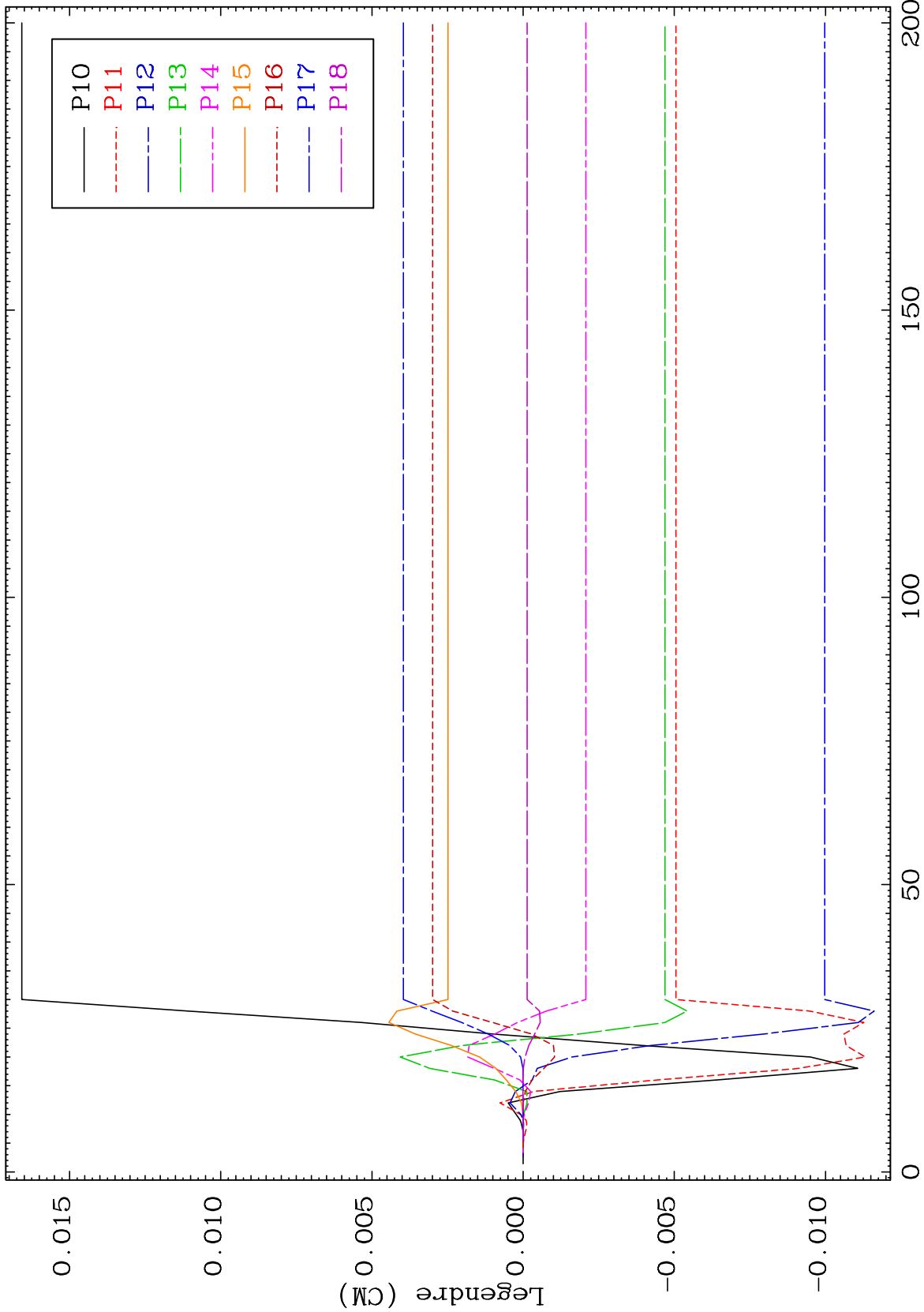
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

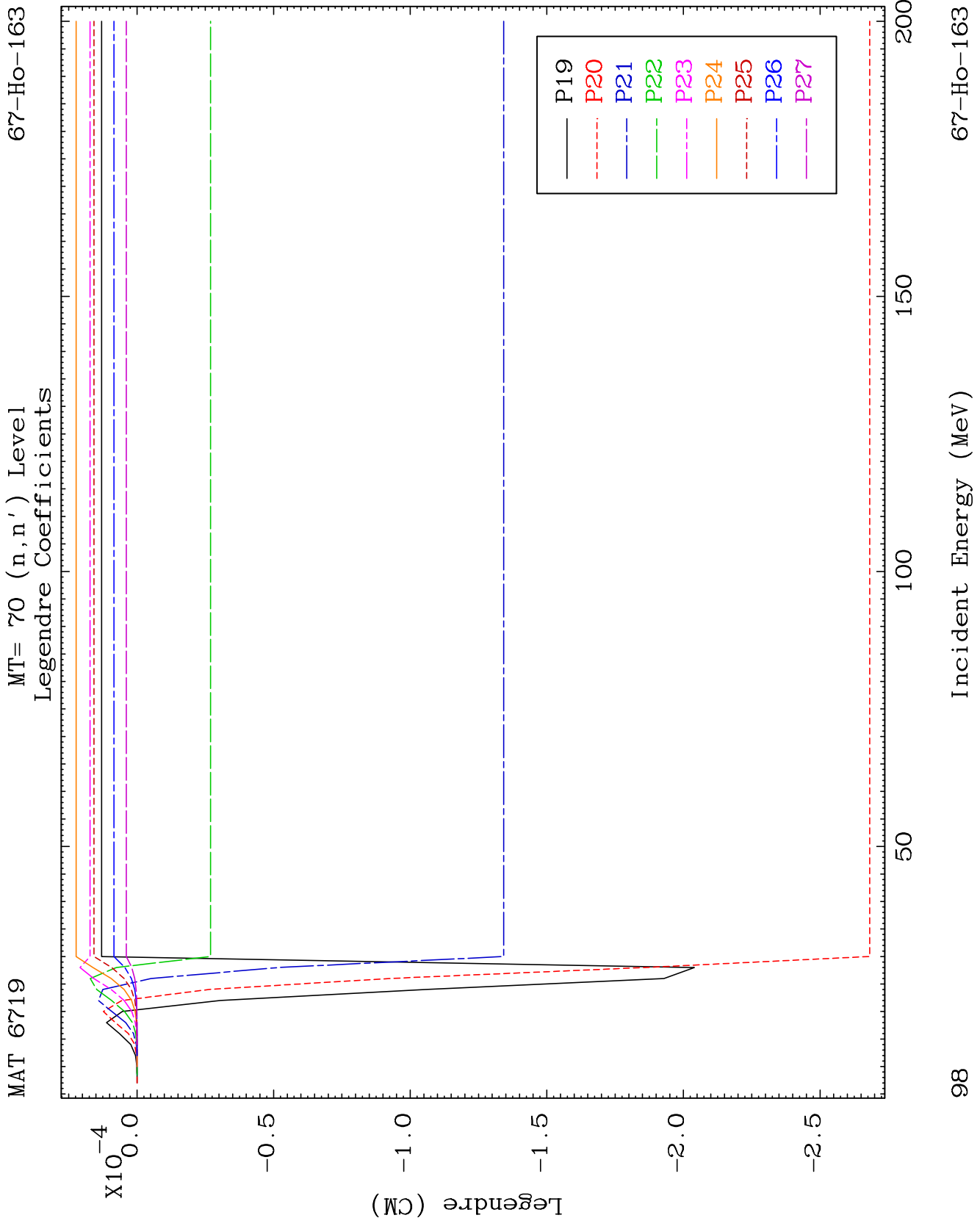
67-Ho-163



97

Incident Energy (MeV)

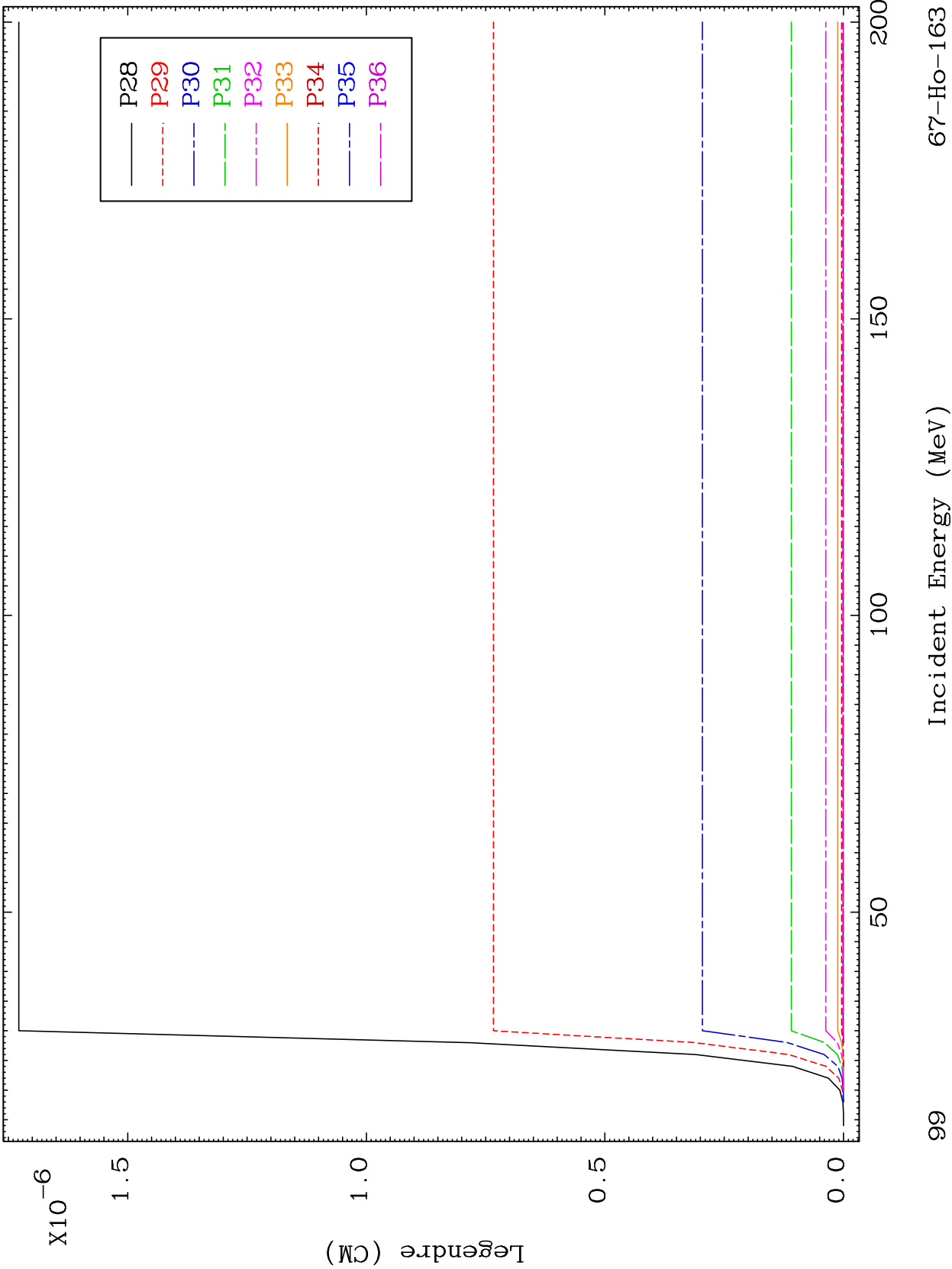
67-Ho-163



MAT 6719

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

67-Ho-163



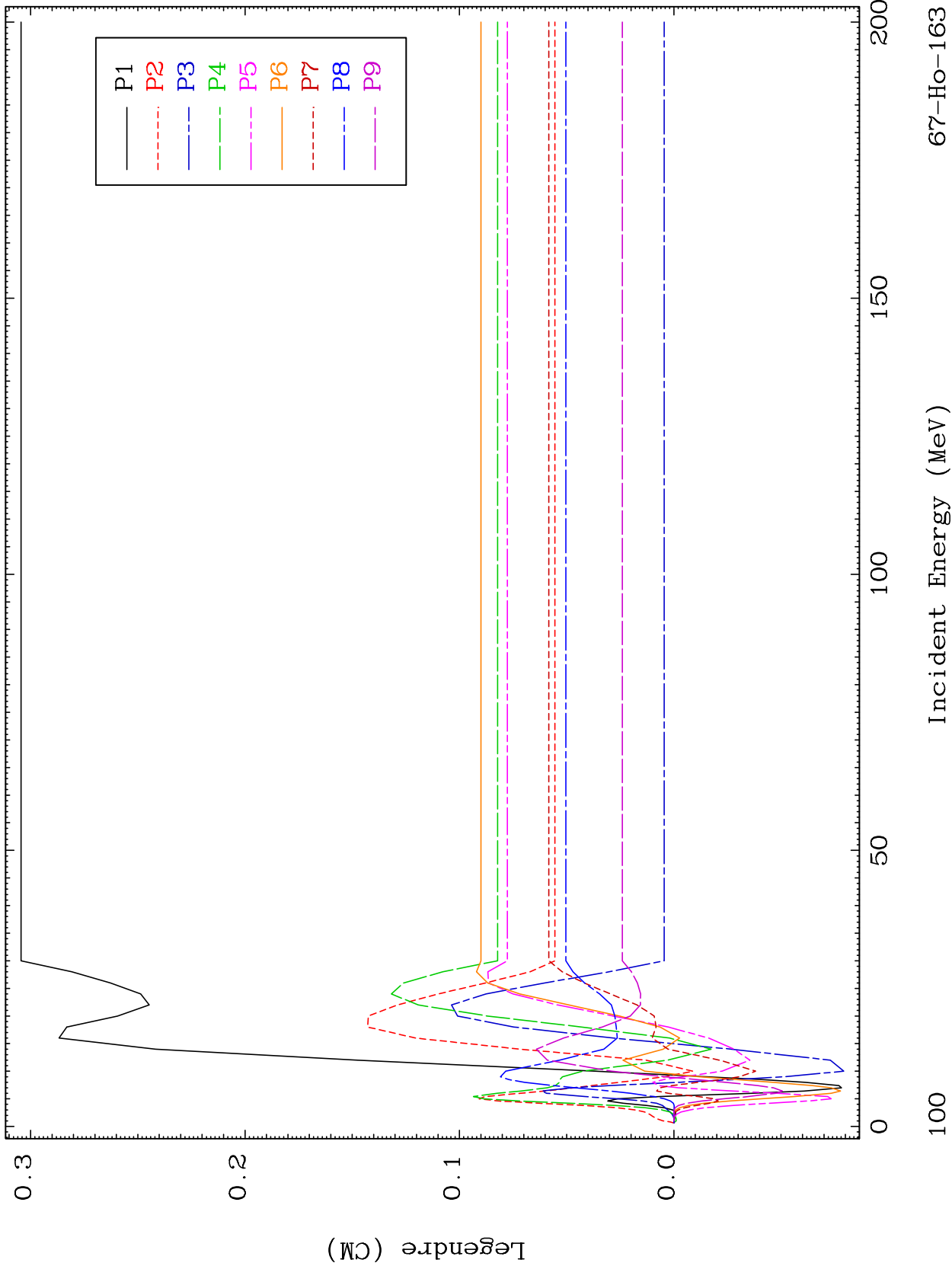
99

67-Ho-163

MAT 6719

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

67-Ho-163



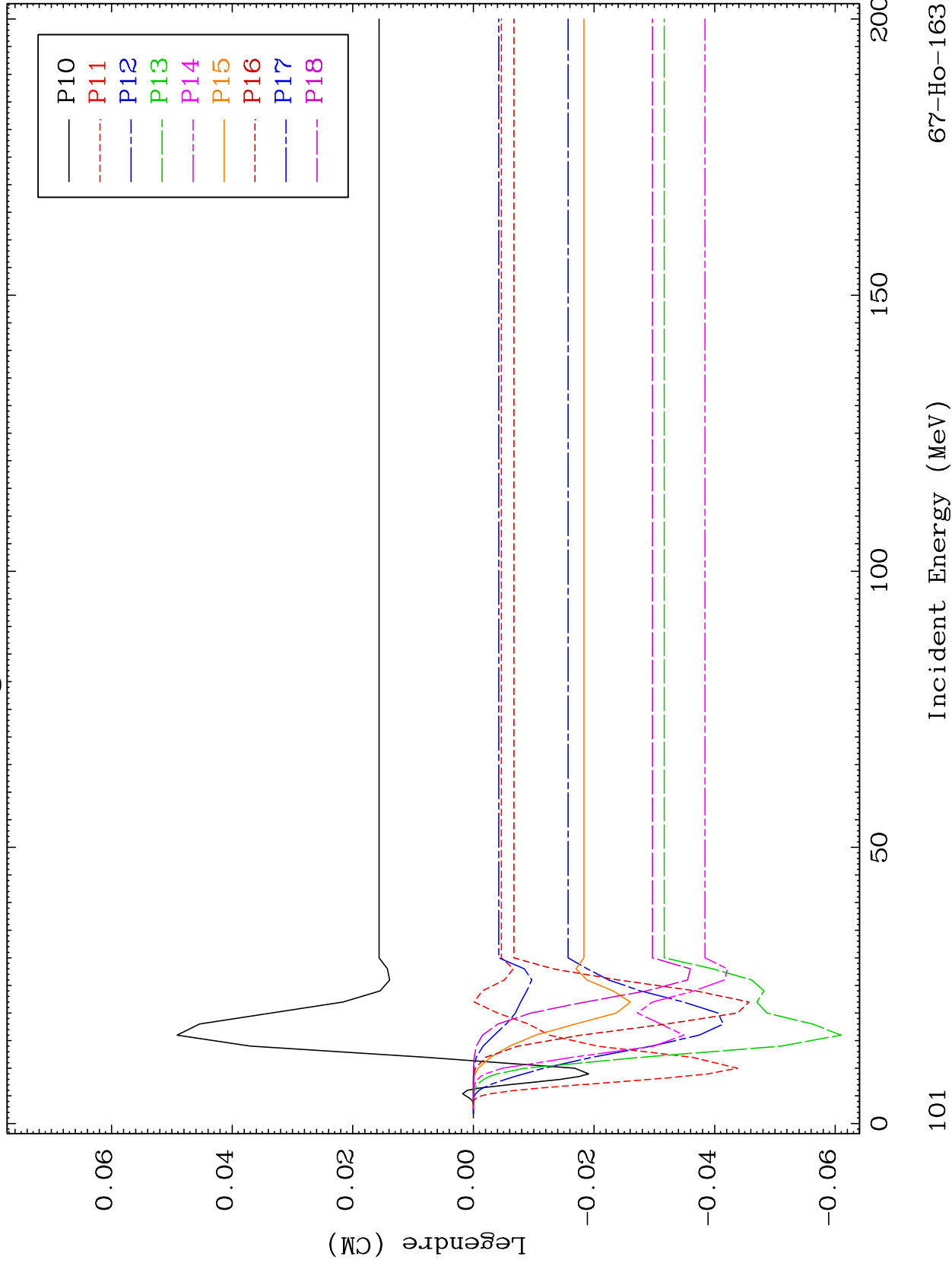
67-Ho-163

Incident Energy (MeV)

MAT 6719

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

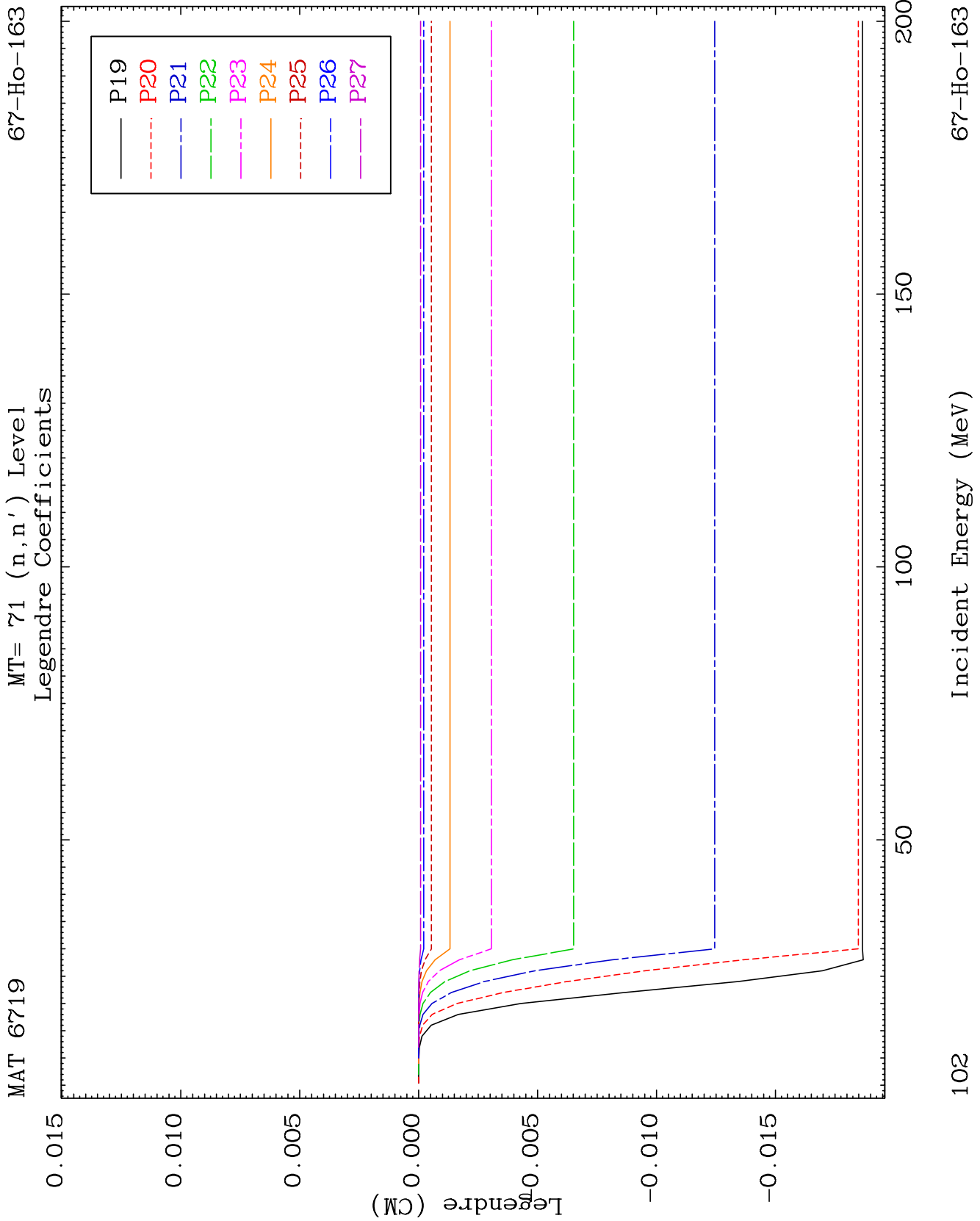
67-Ho-163

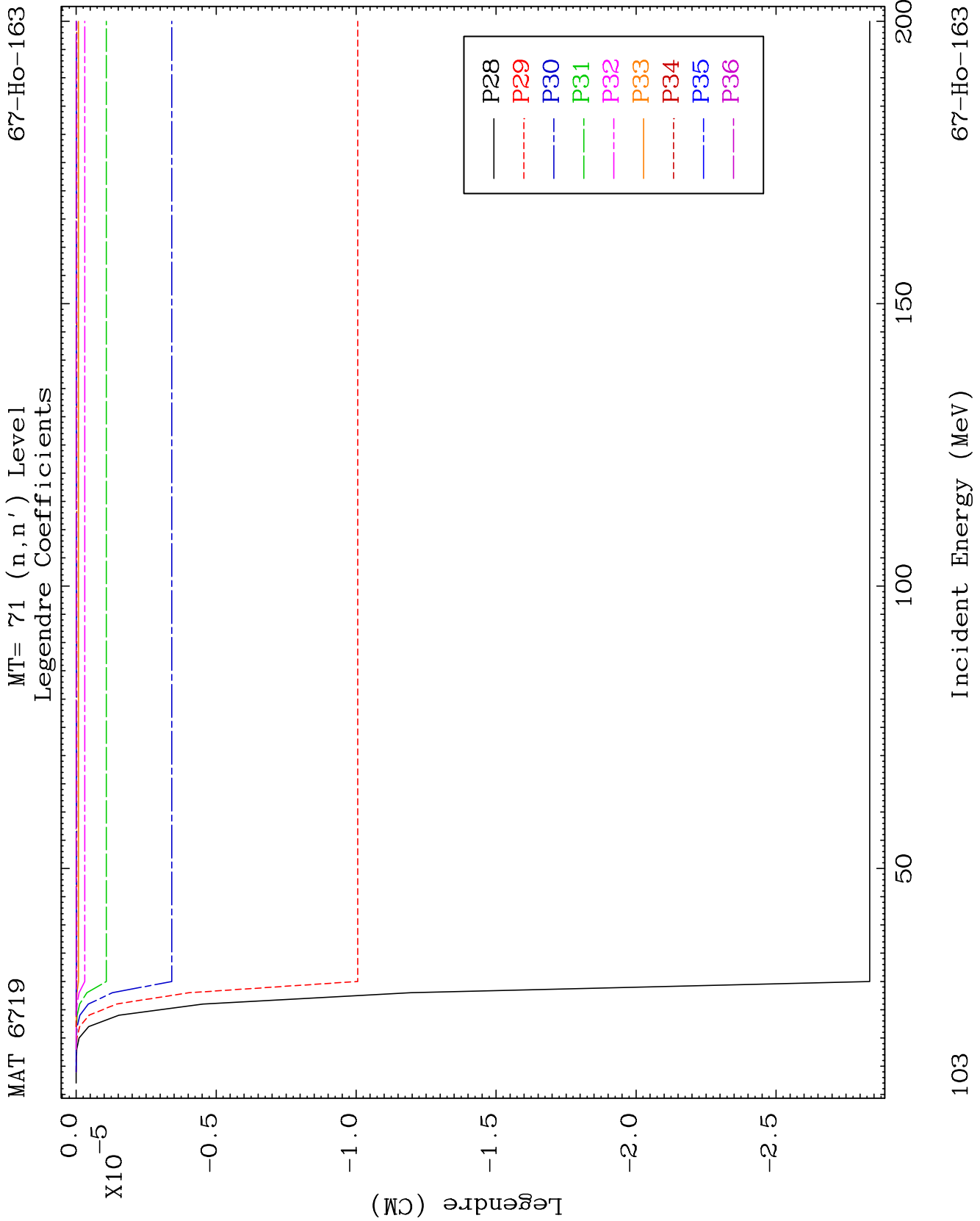


67-Ho-163

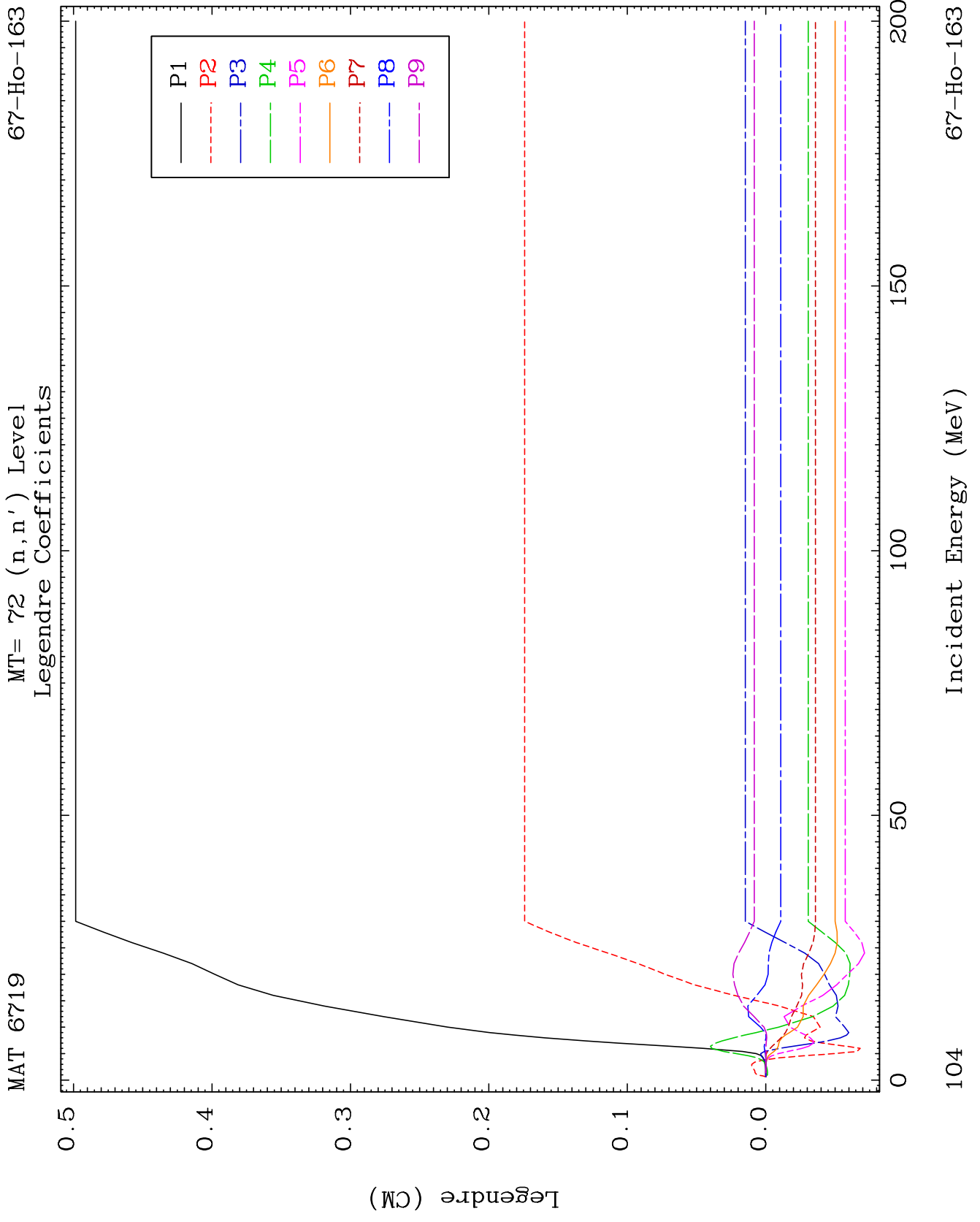
Incident Energy (MeV)

101





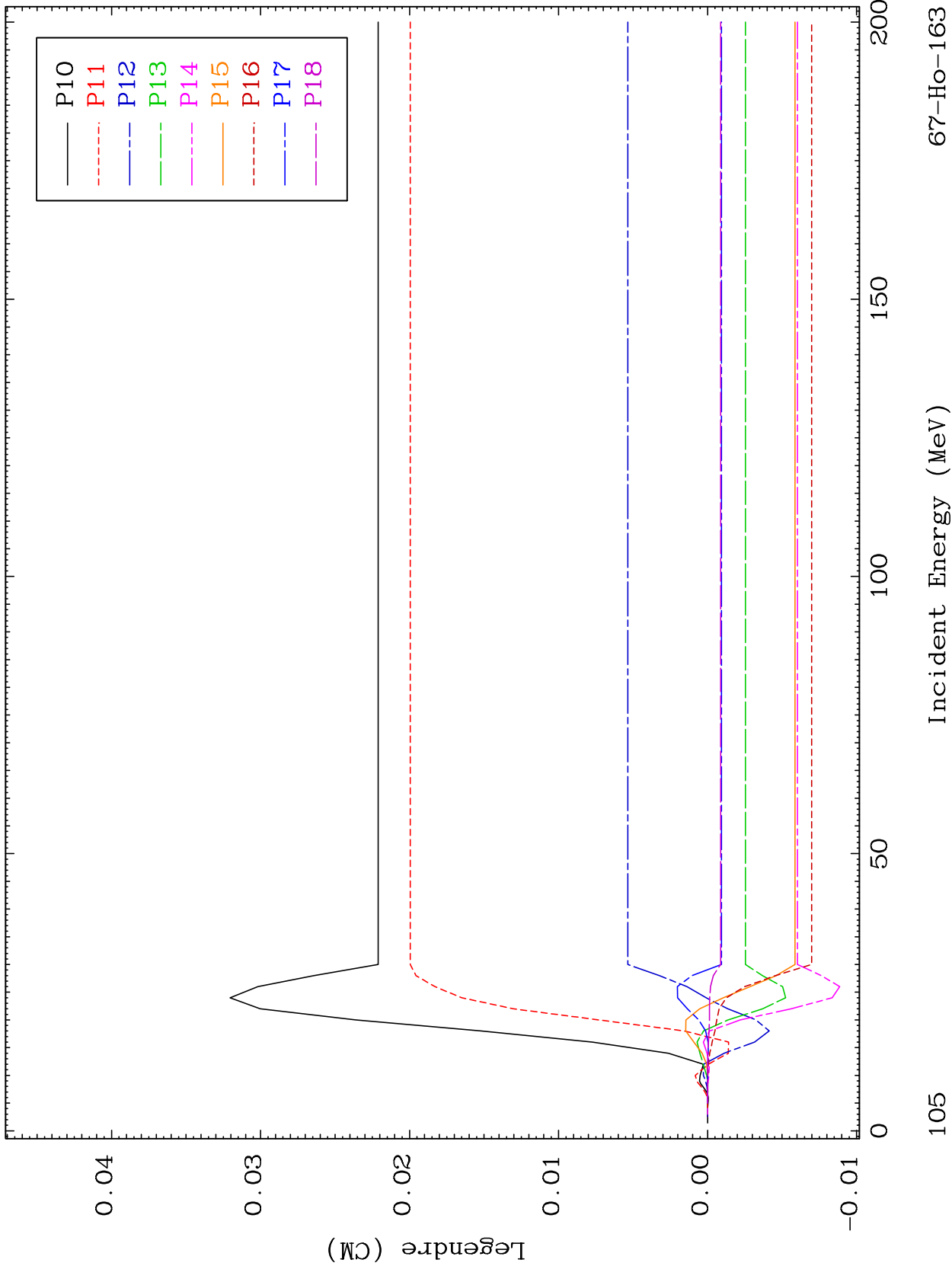




MAT 6719

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

67-Ho-163



105

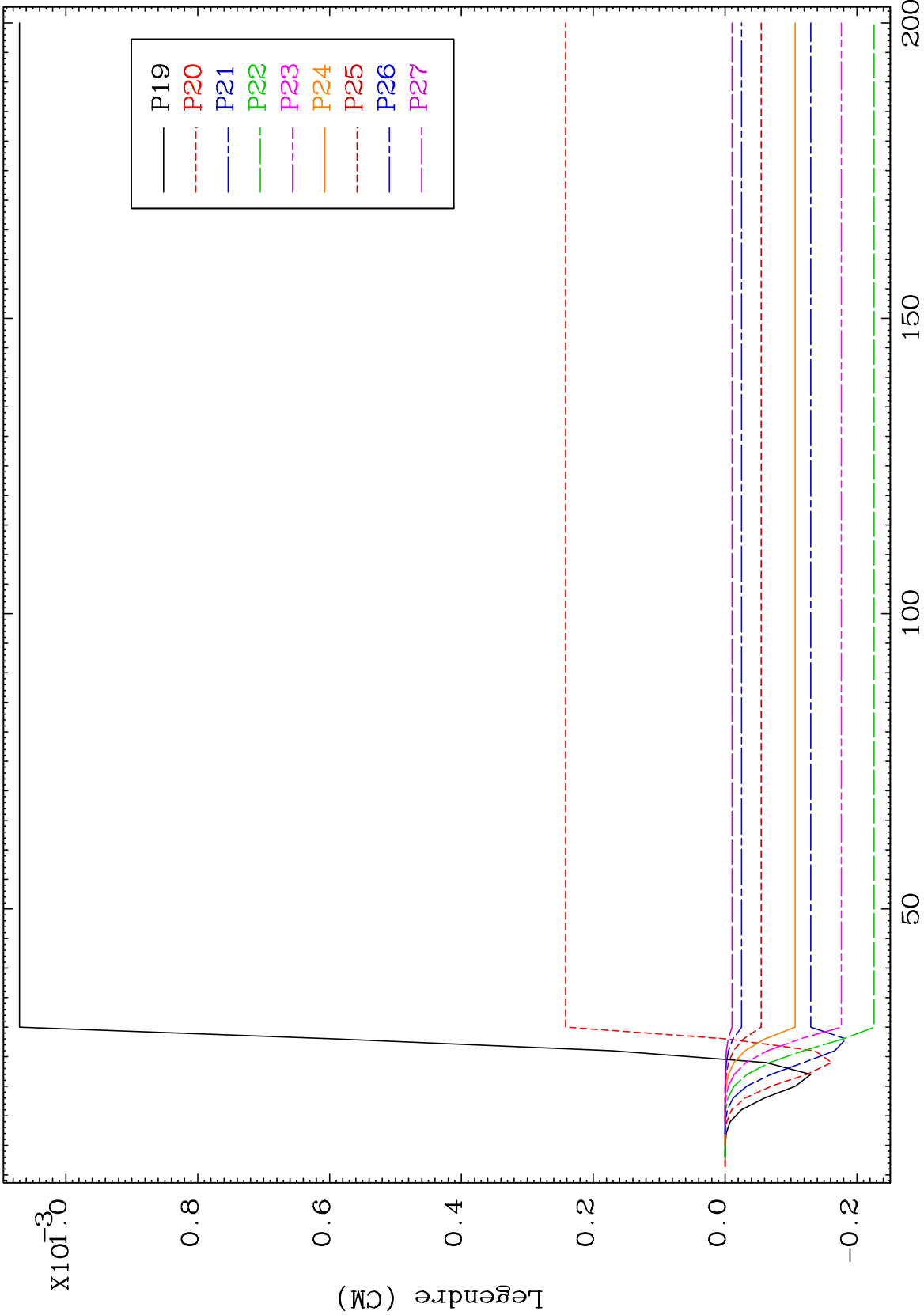
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

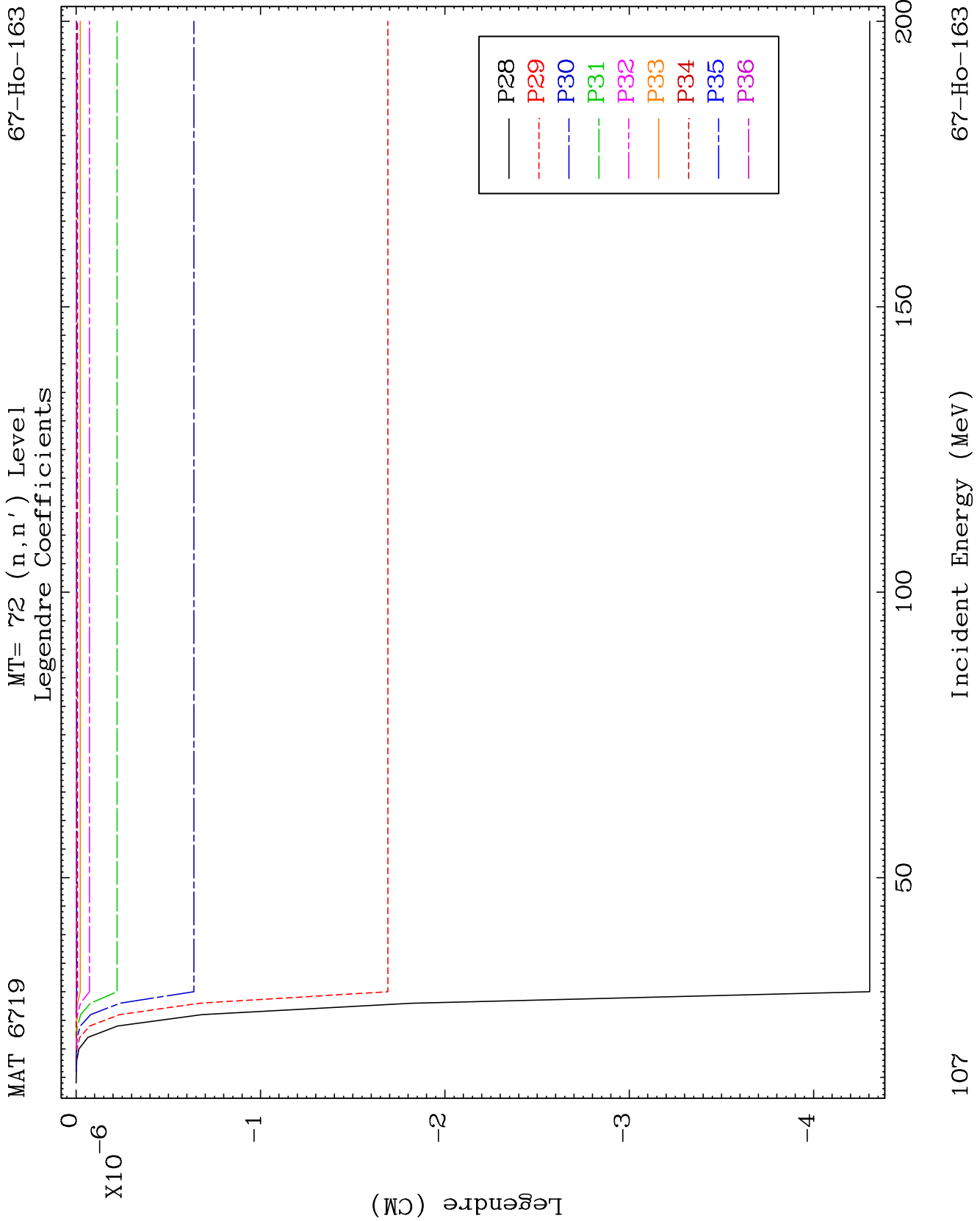
67-Ho-163



106

Incident Energy (MeV)

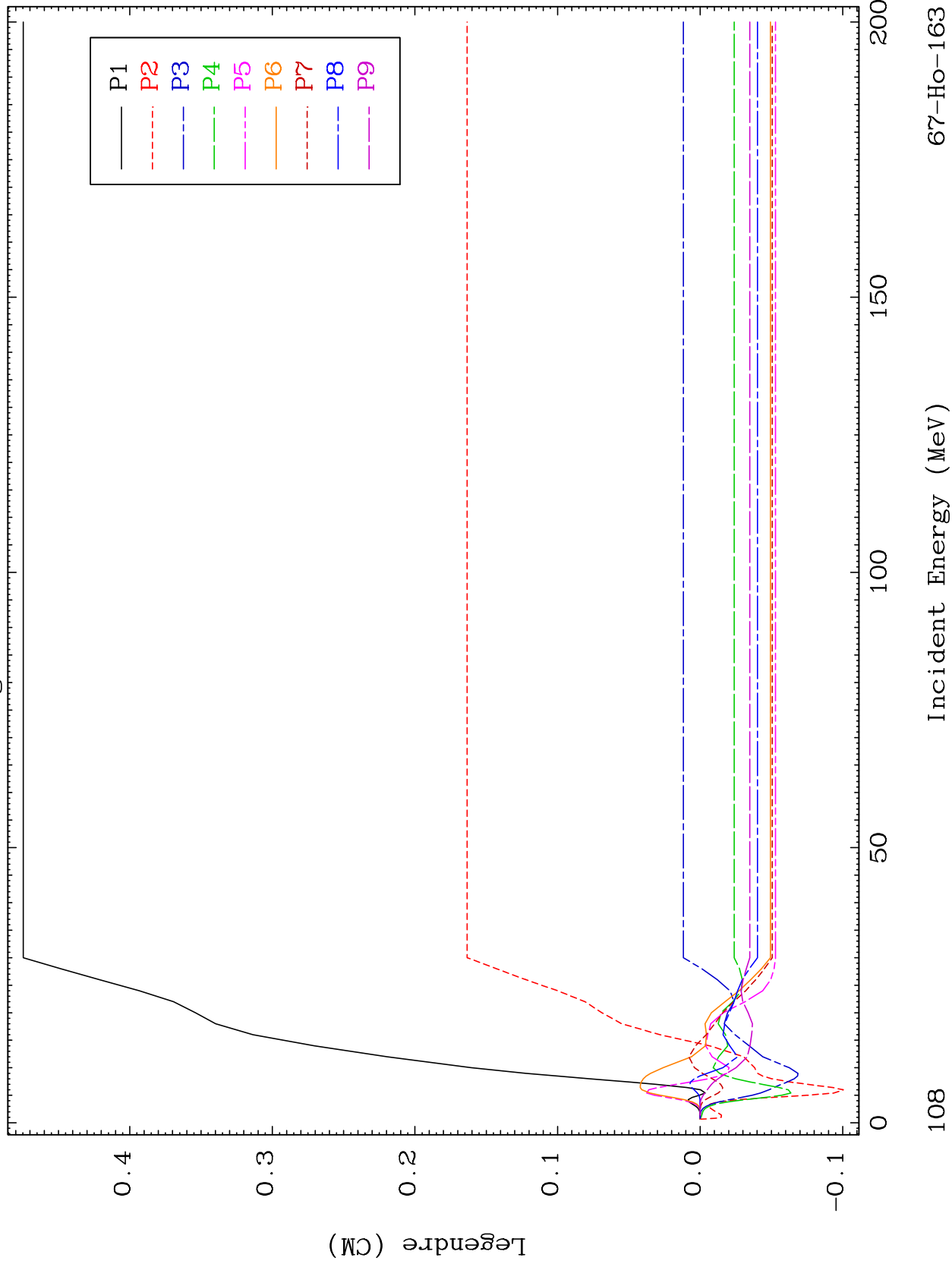
67-Ho-163



MAT 6719

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

67-Ho-163



67-Ho-163

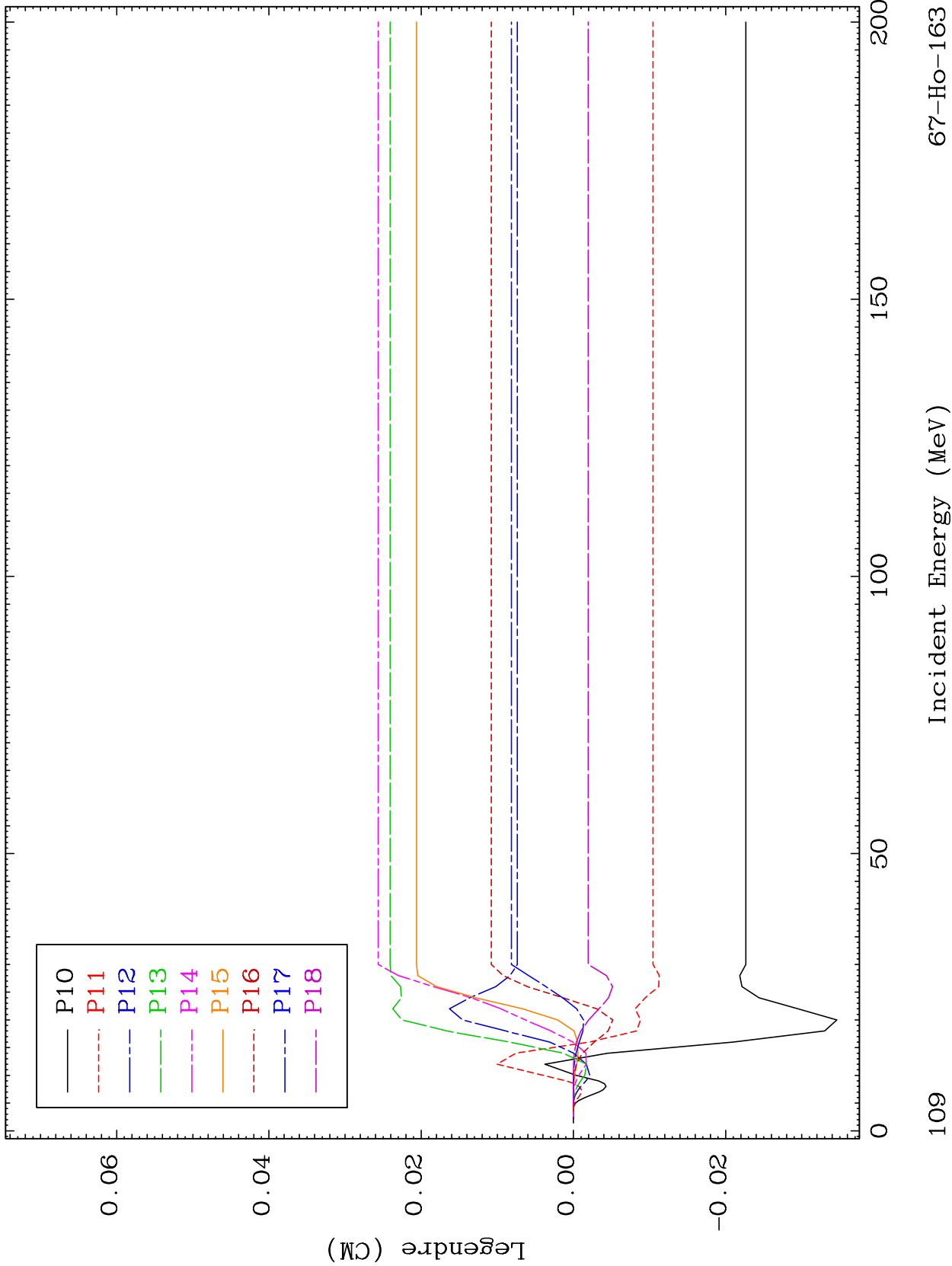
Incident Energy (MeV)

108

MAT 6719

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

67-Ho-163



109

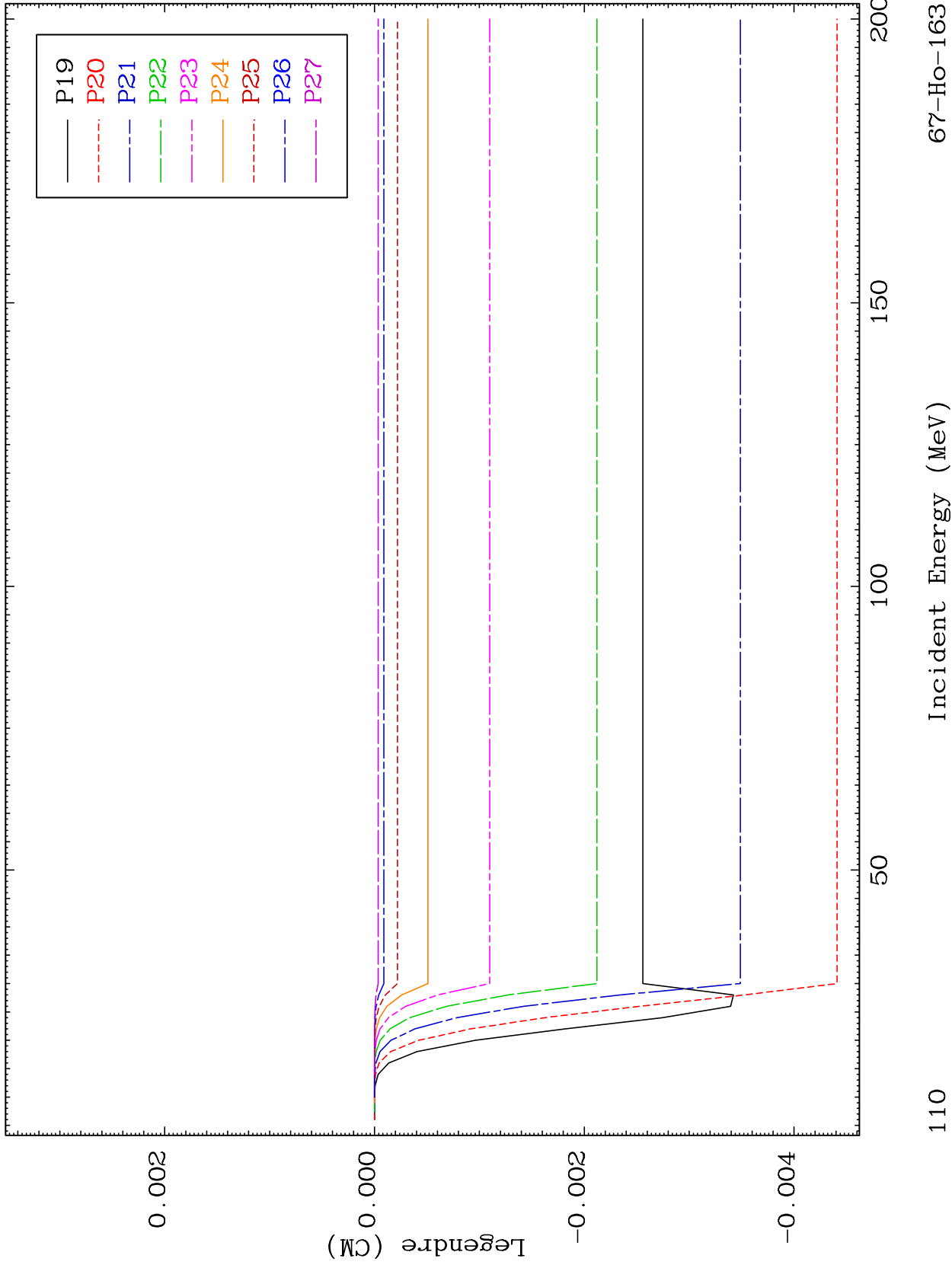
Incident Energy (MeV)

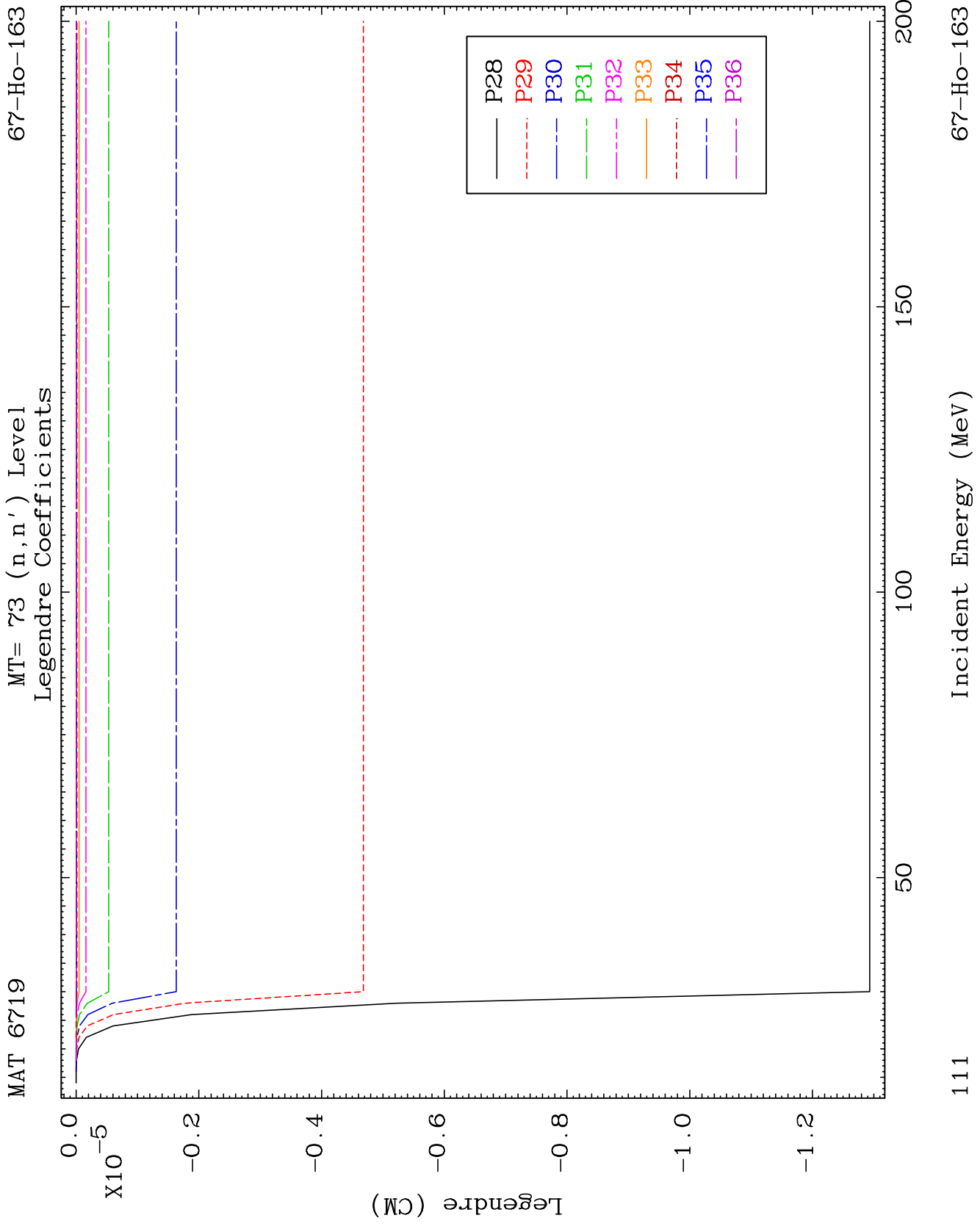
67-Ho-163

MAT 6719

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

67-Ho-163



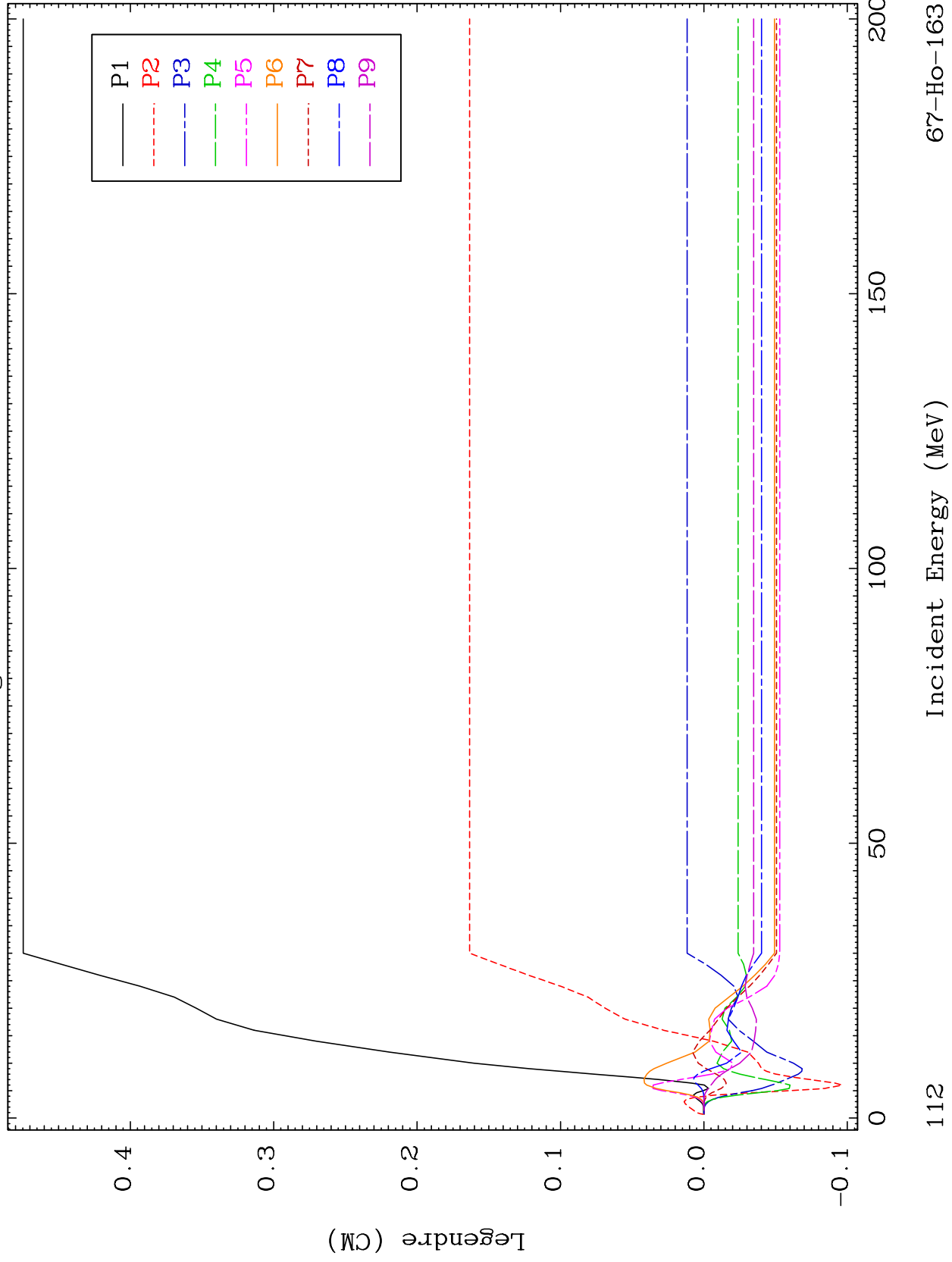




MAT 6719

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

67-Ho-163



67-Ho-163

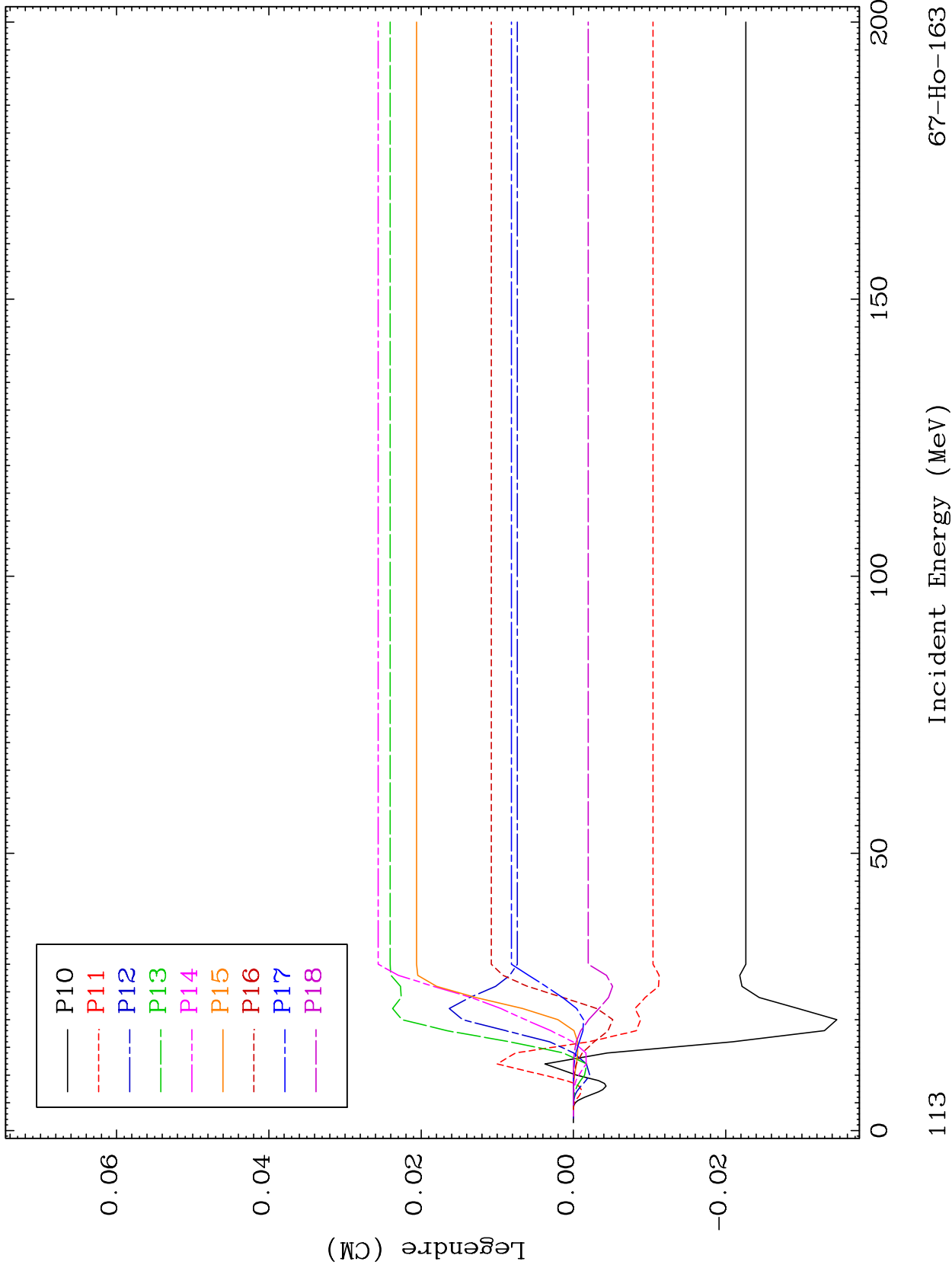
Incident Energy (MeV)

112

MAT 6719

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

67-Ho-163



113

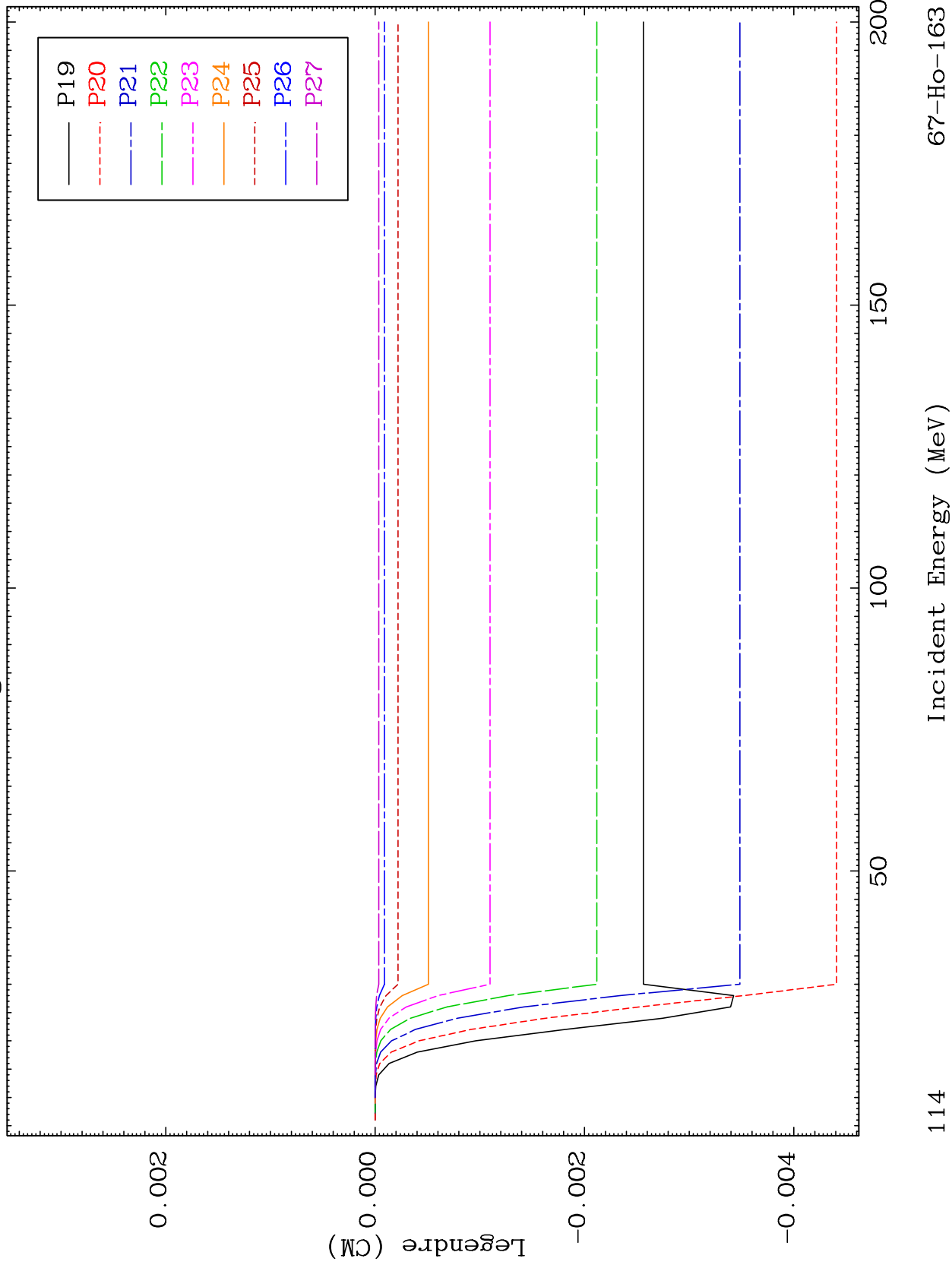
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



114

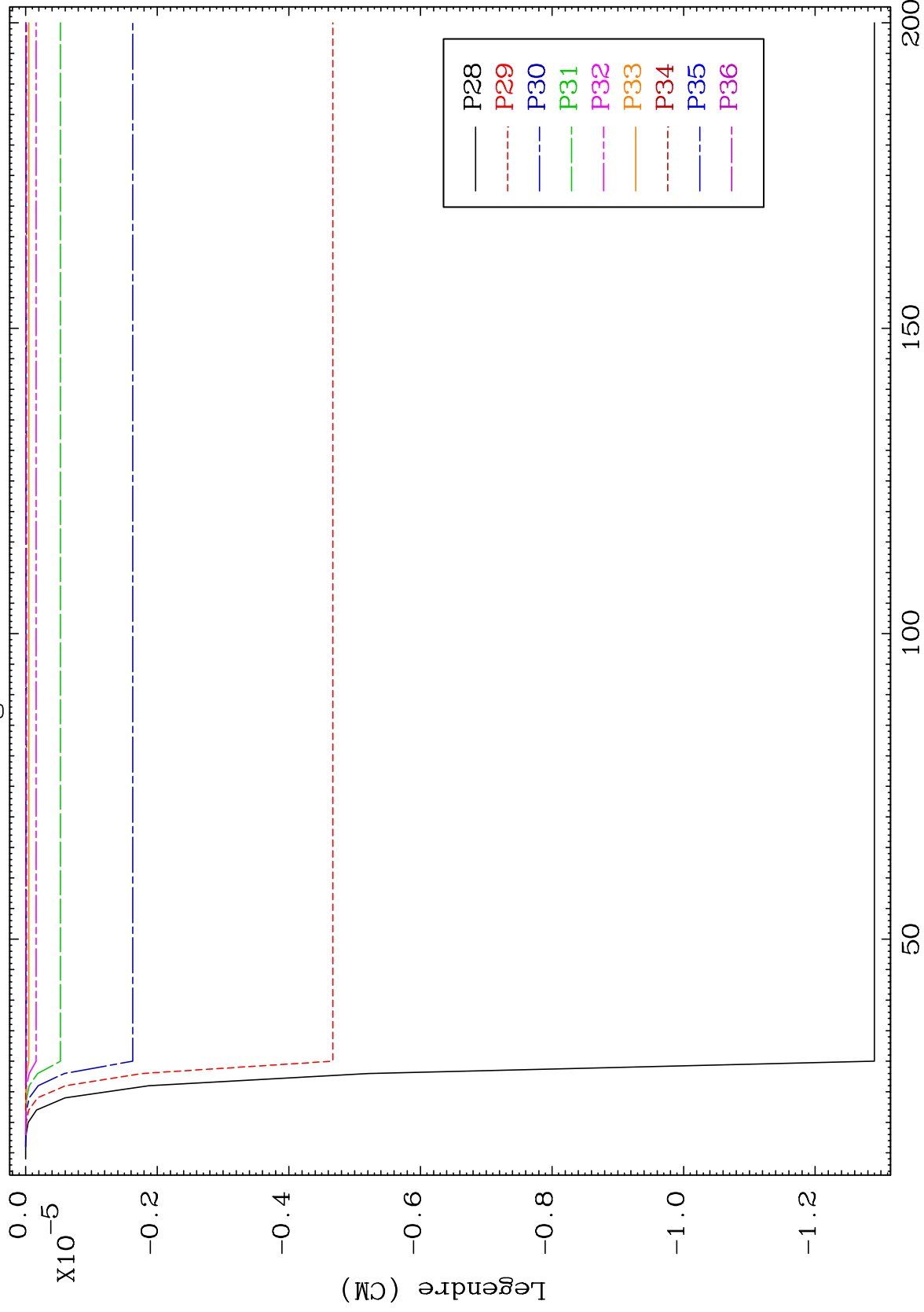
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



115

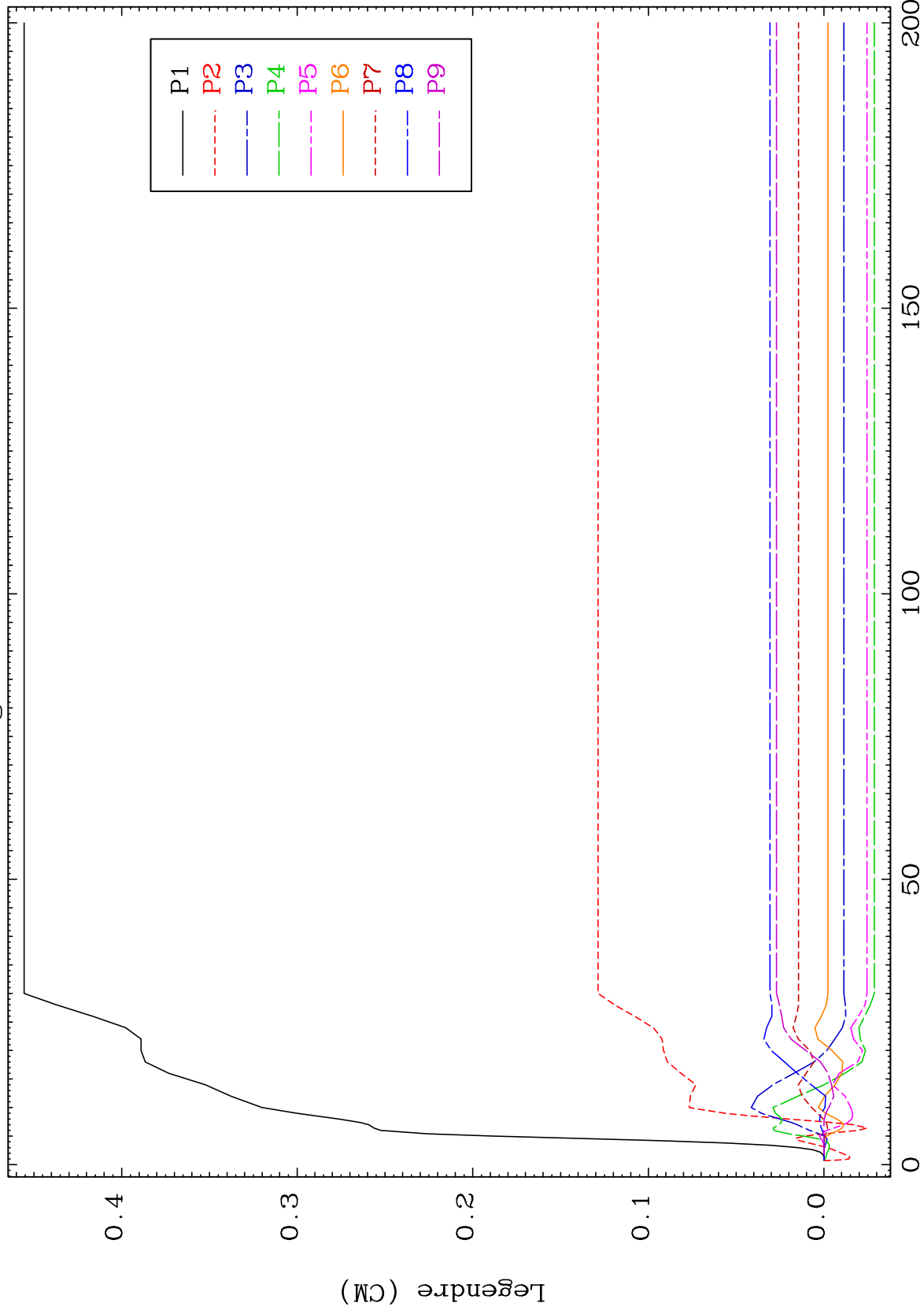
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



116

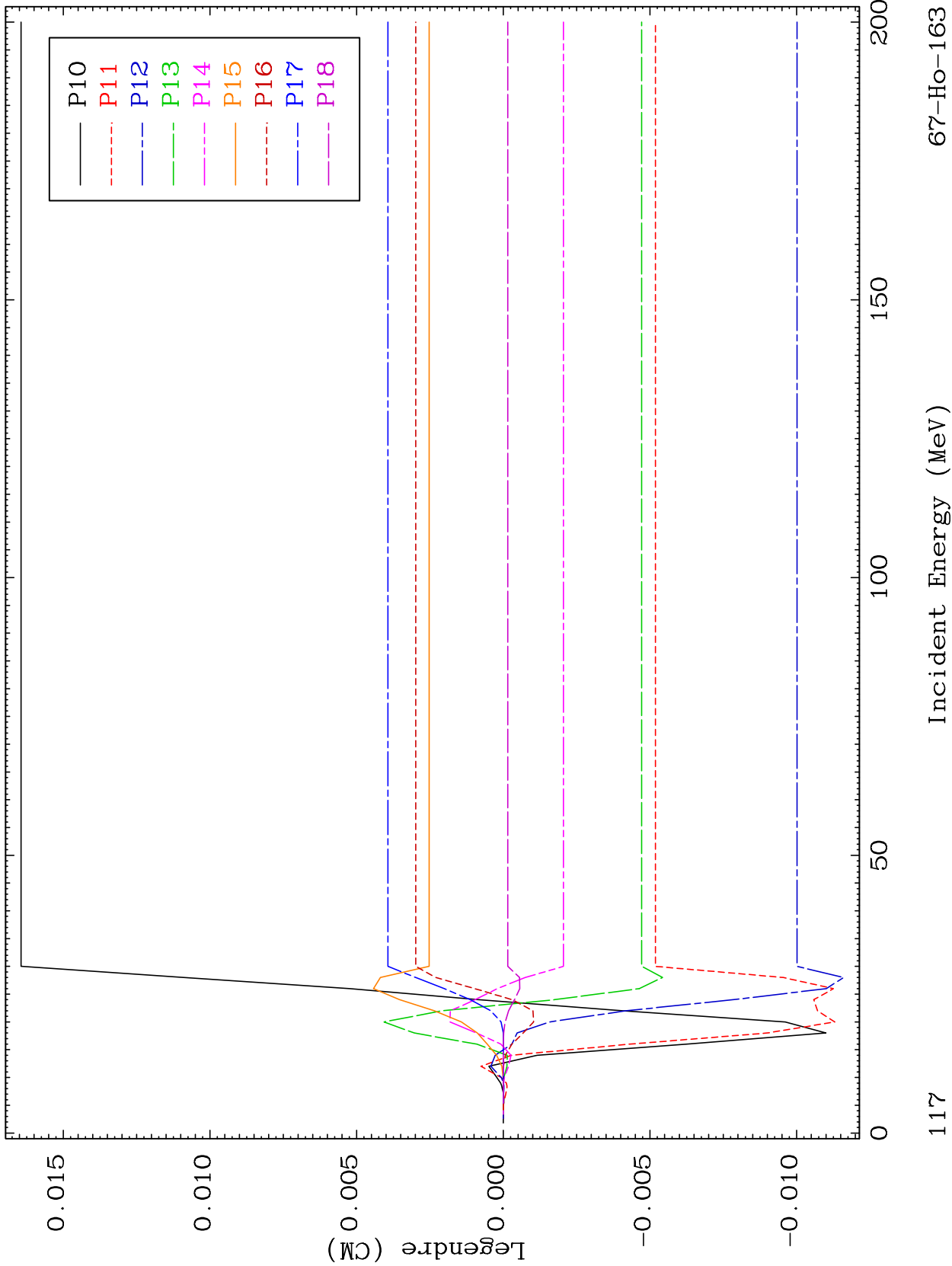
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



117

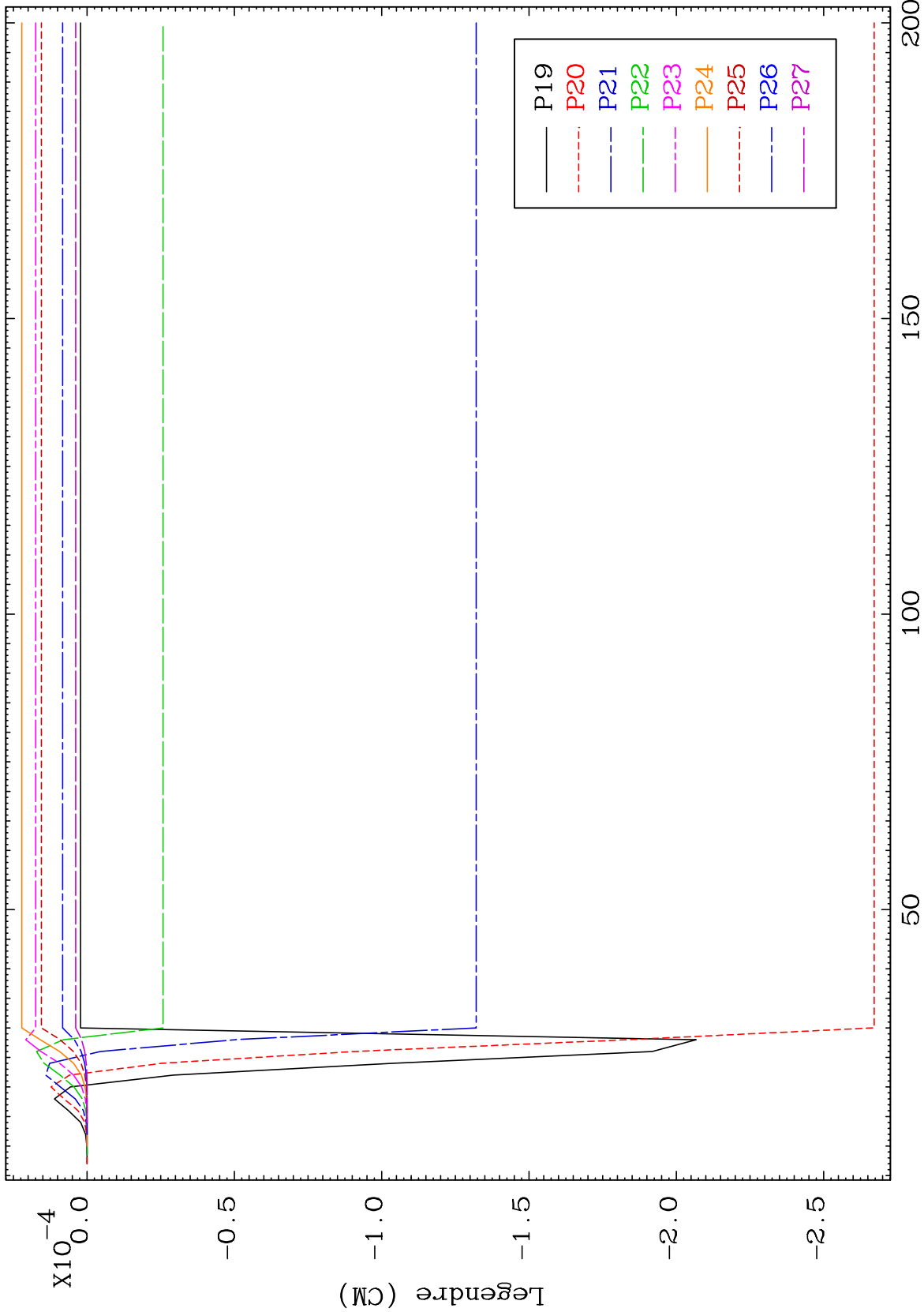
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



118

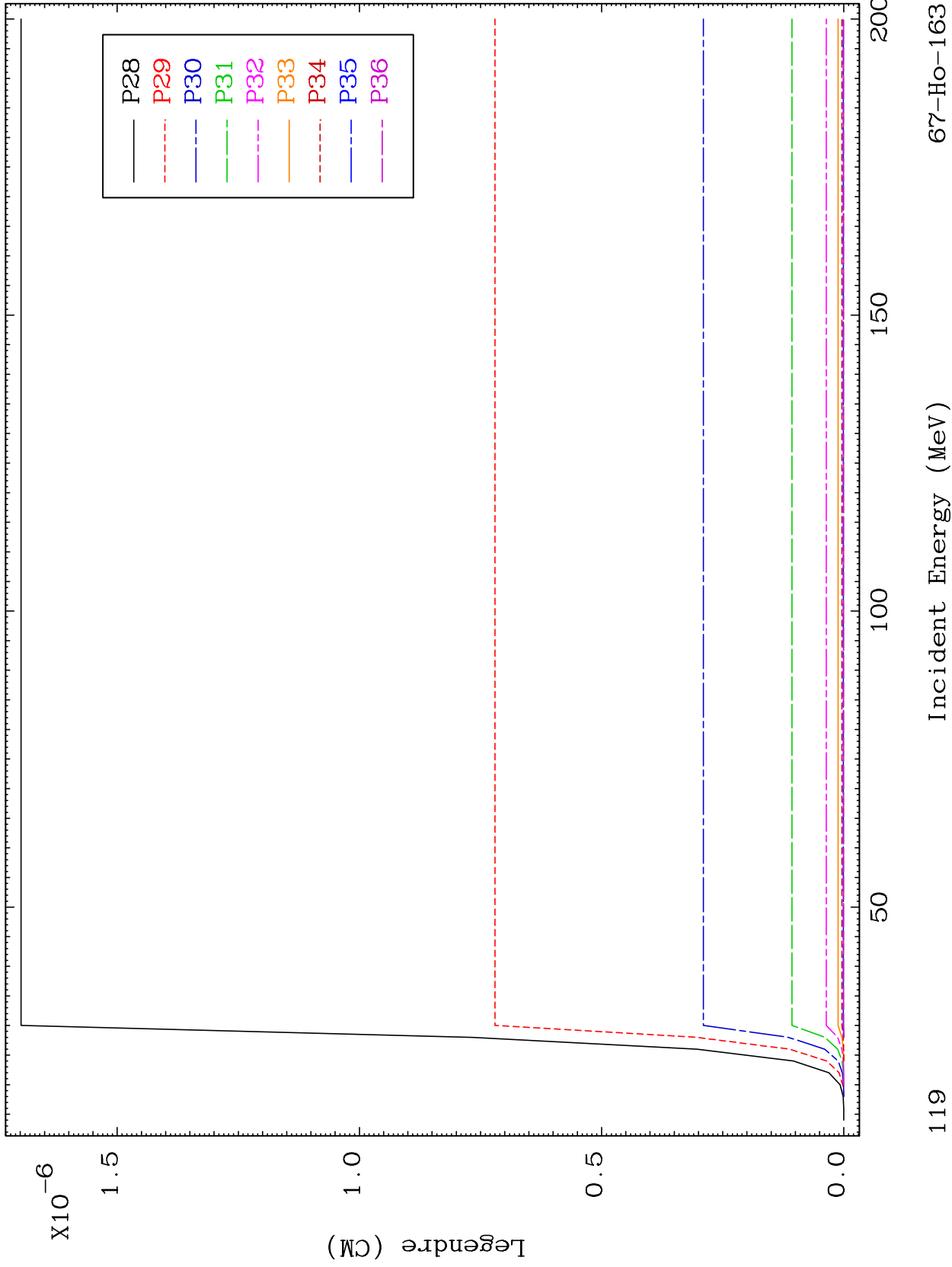
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



119

Incident Energy (MeV)

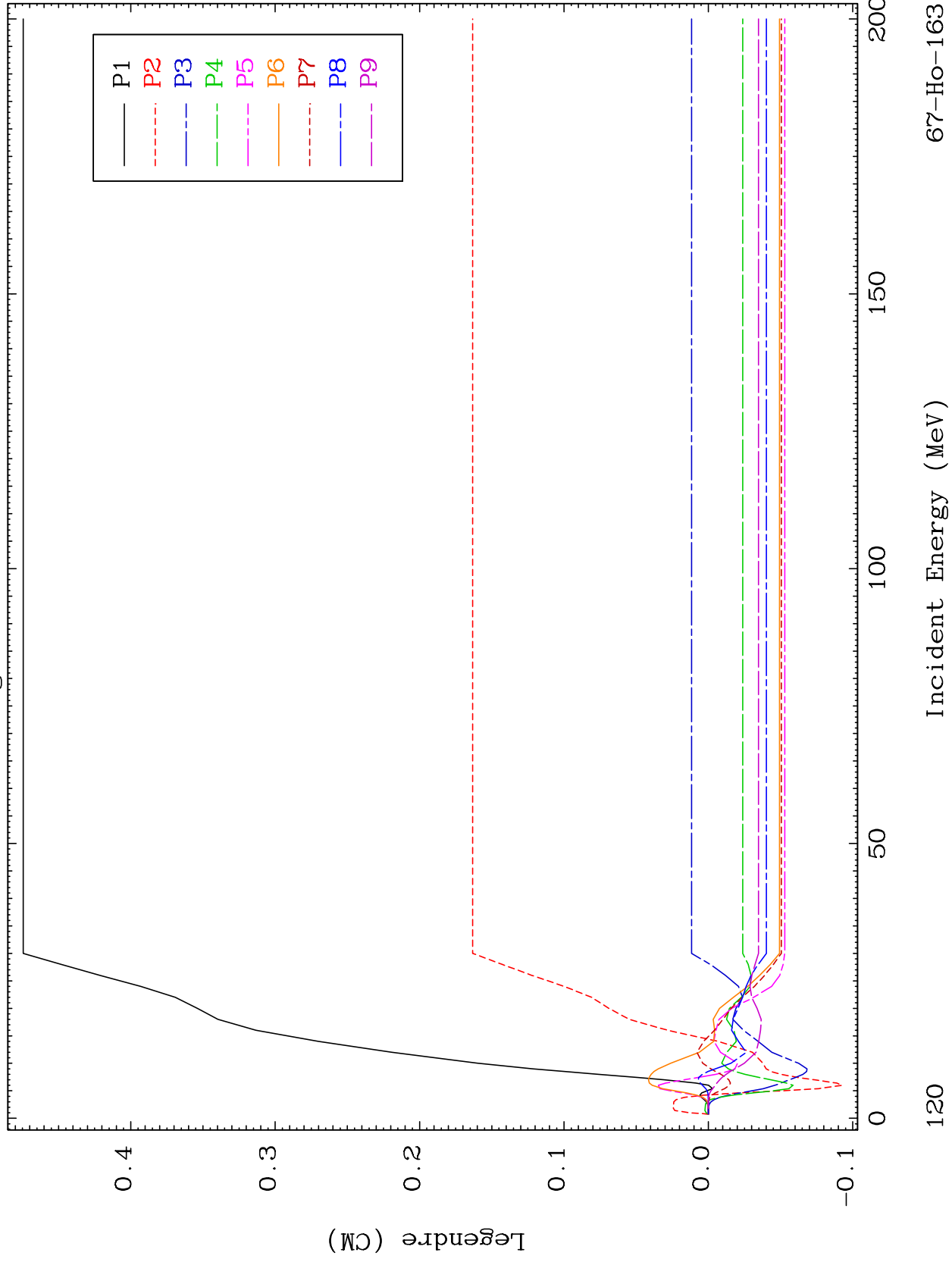
67-Ho-163



MAT 6719

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

67-Ho-163



67-Ho-163

Incident Energy (MeV)

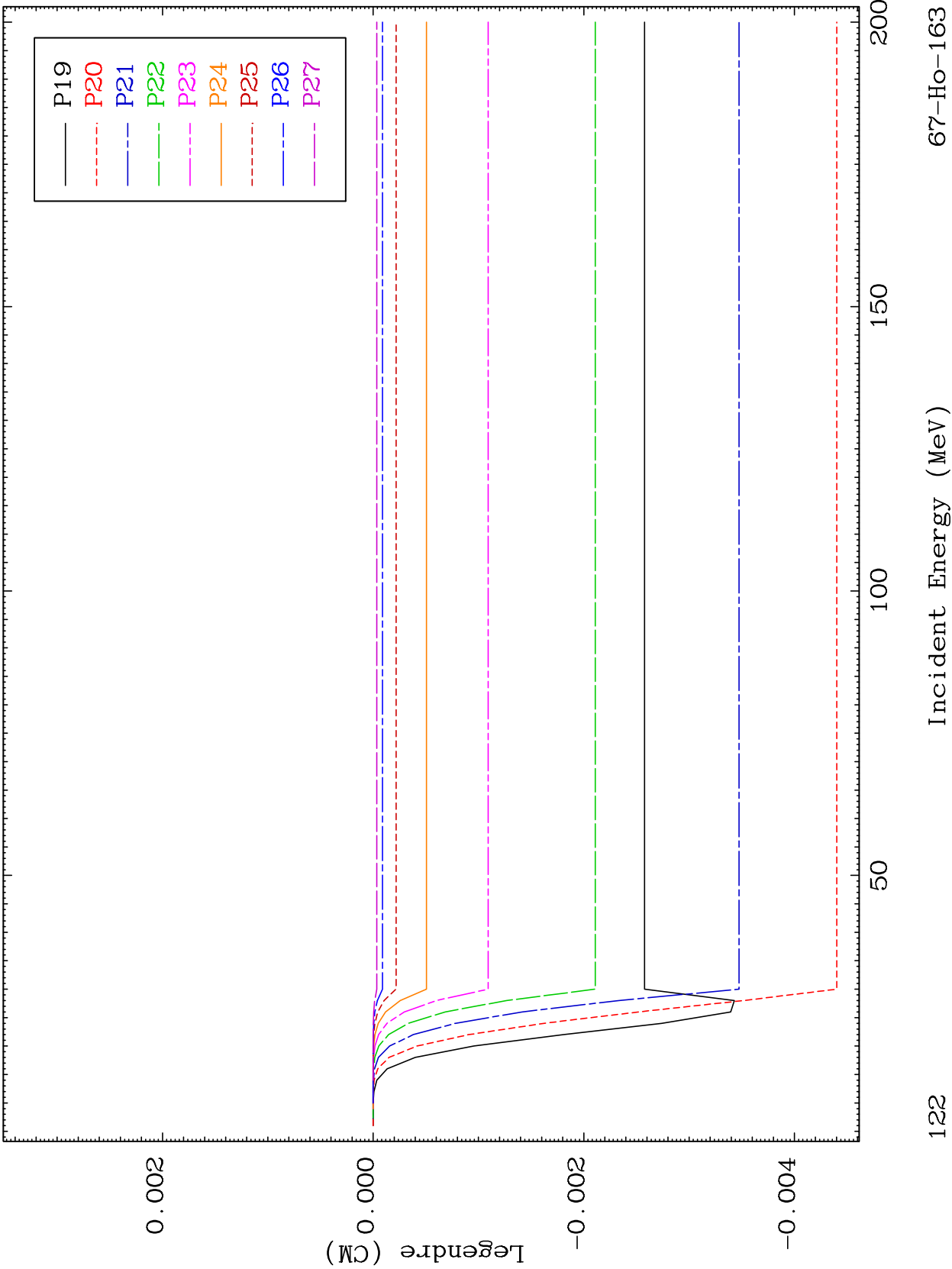
120



MAT 6719

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

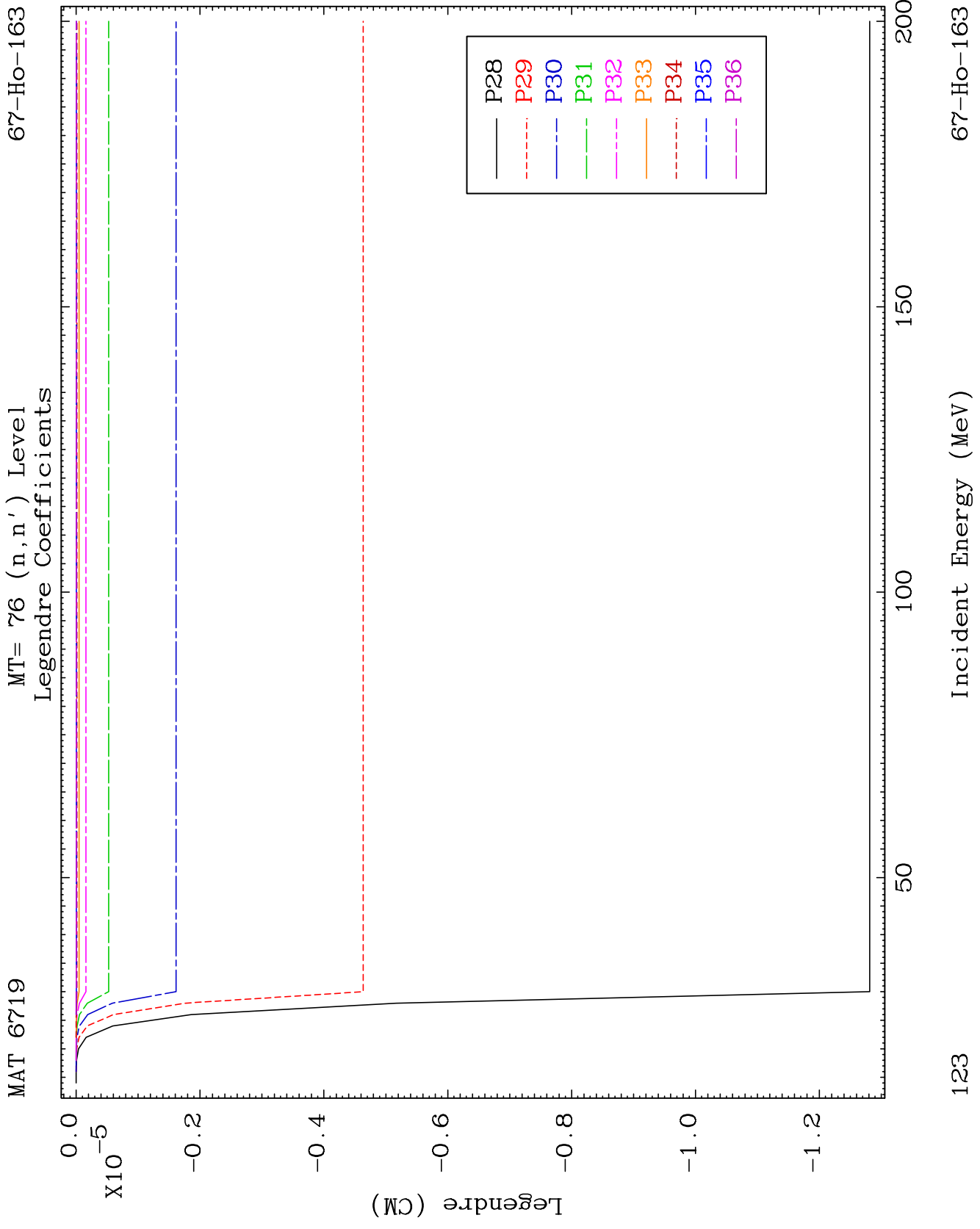
67-Ho-163



122

Incident Energy (MeV)

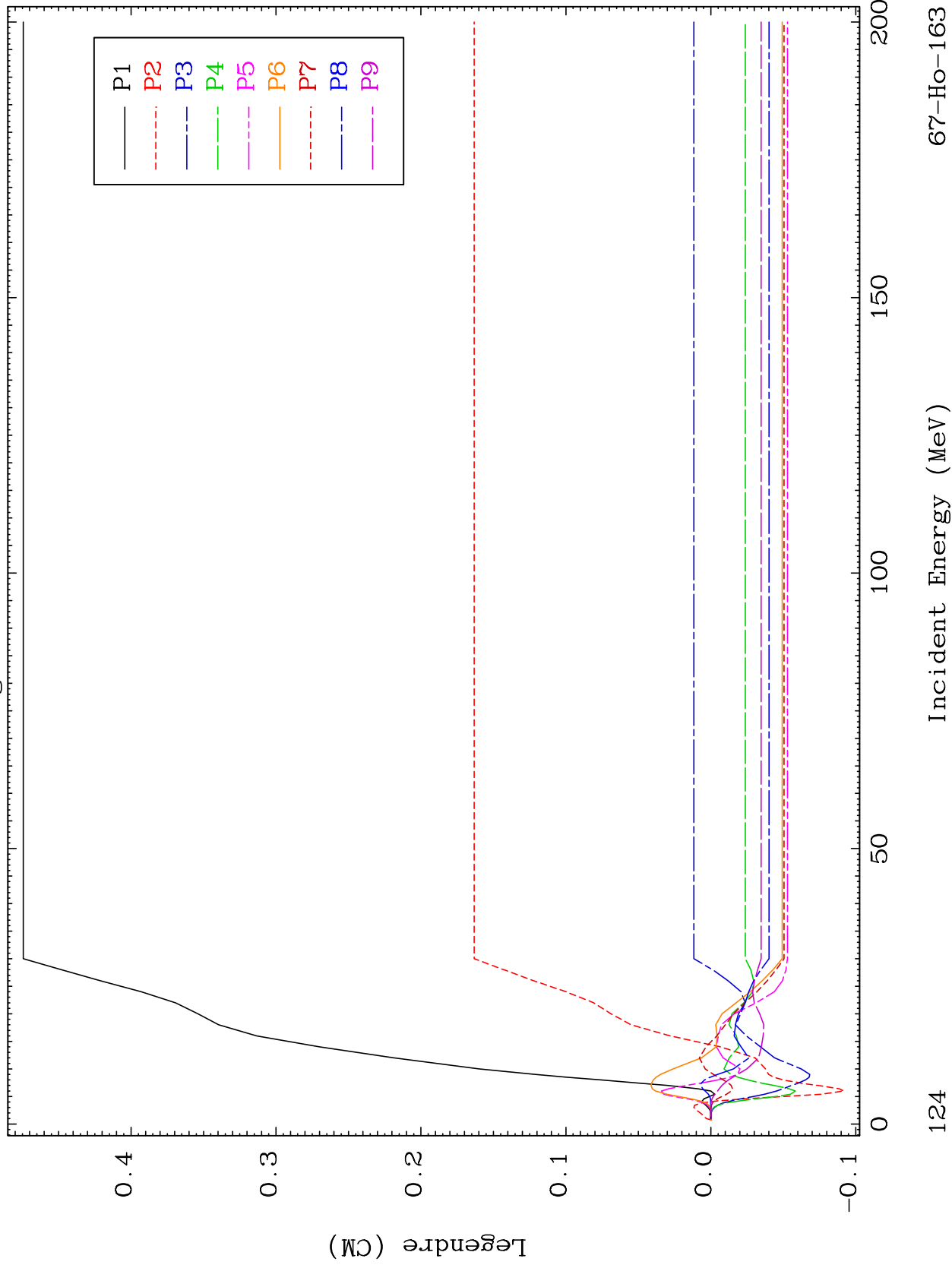
67-Ho-163



MAT 6719

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

67-Ho-163



67-Ho-163

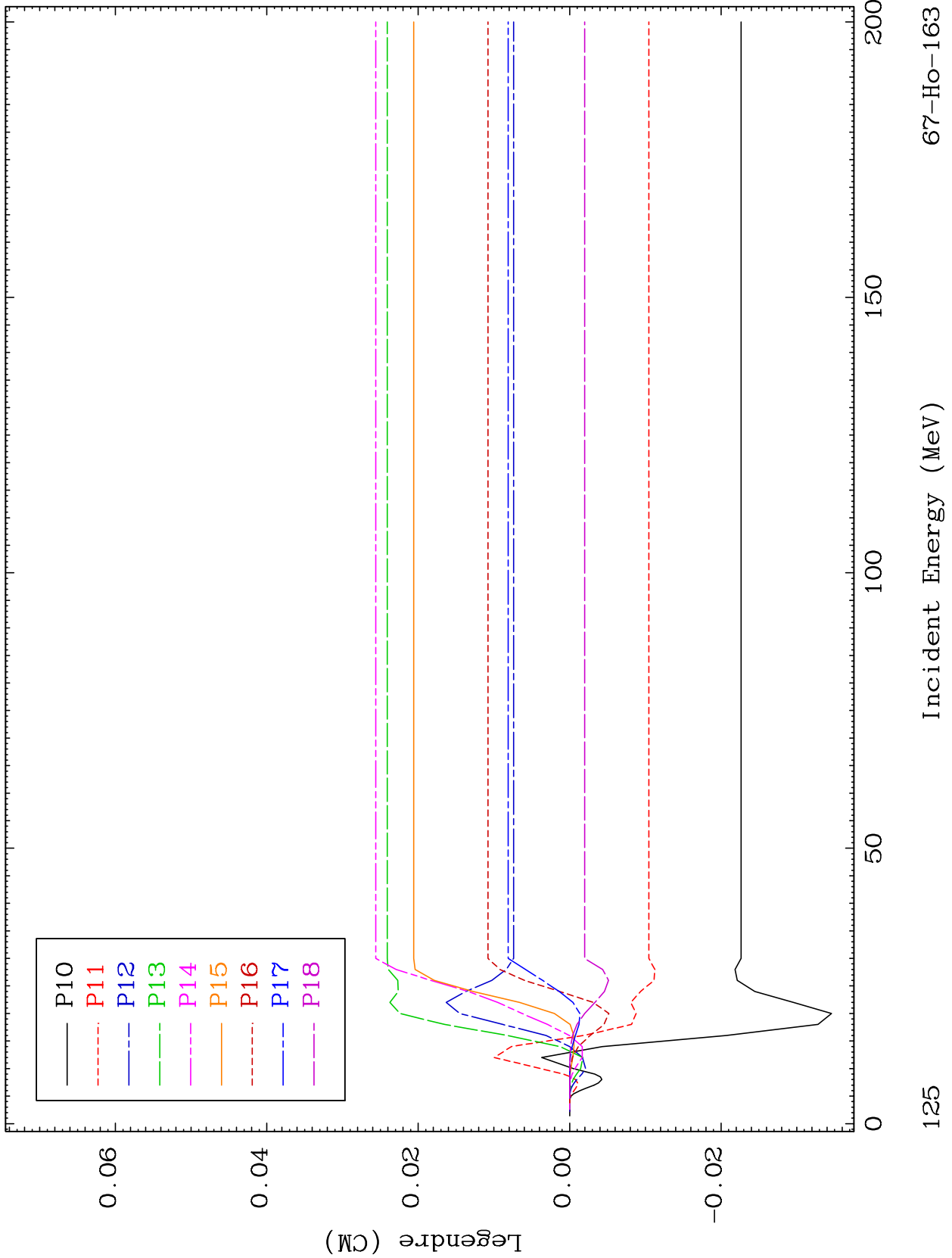
Incident Energy (MeV)

124

MAT 6719

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

67-Ho-163



67-Ho-163

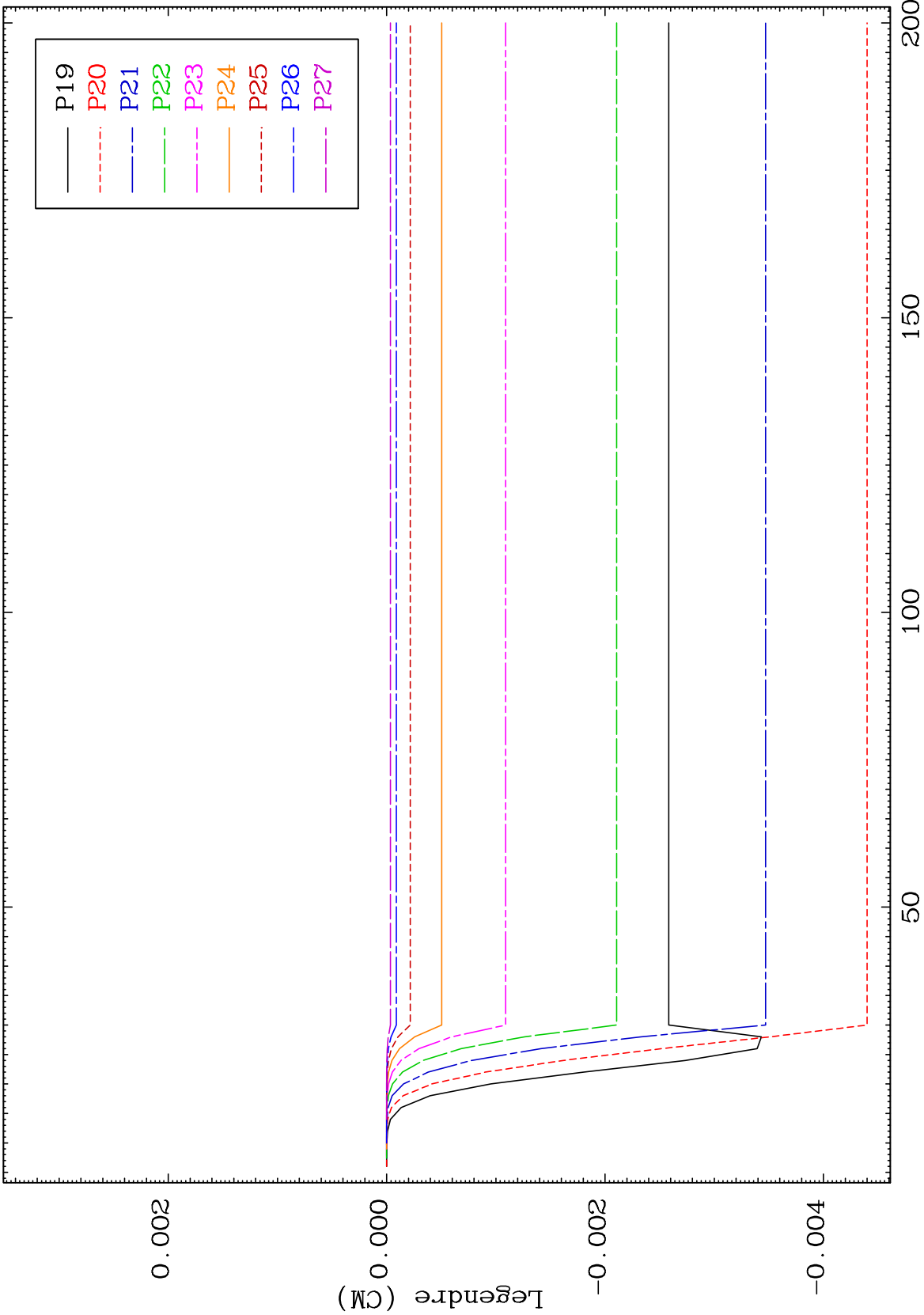
Incident Energy (MeV)

125

MAT 6719

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

67-Ho-163



126

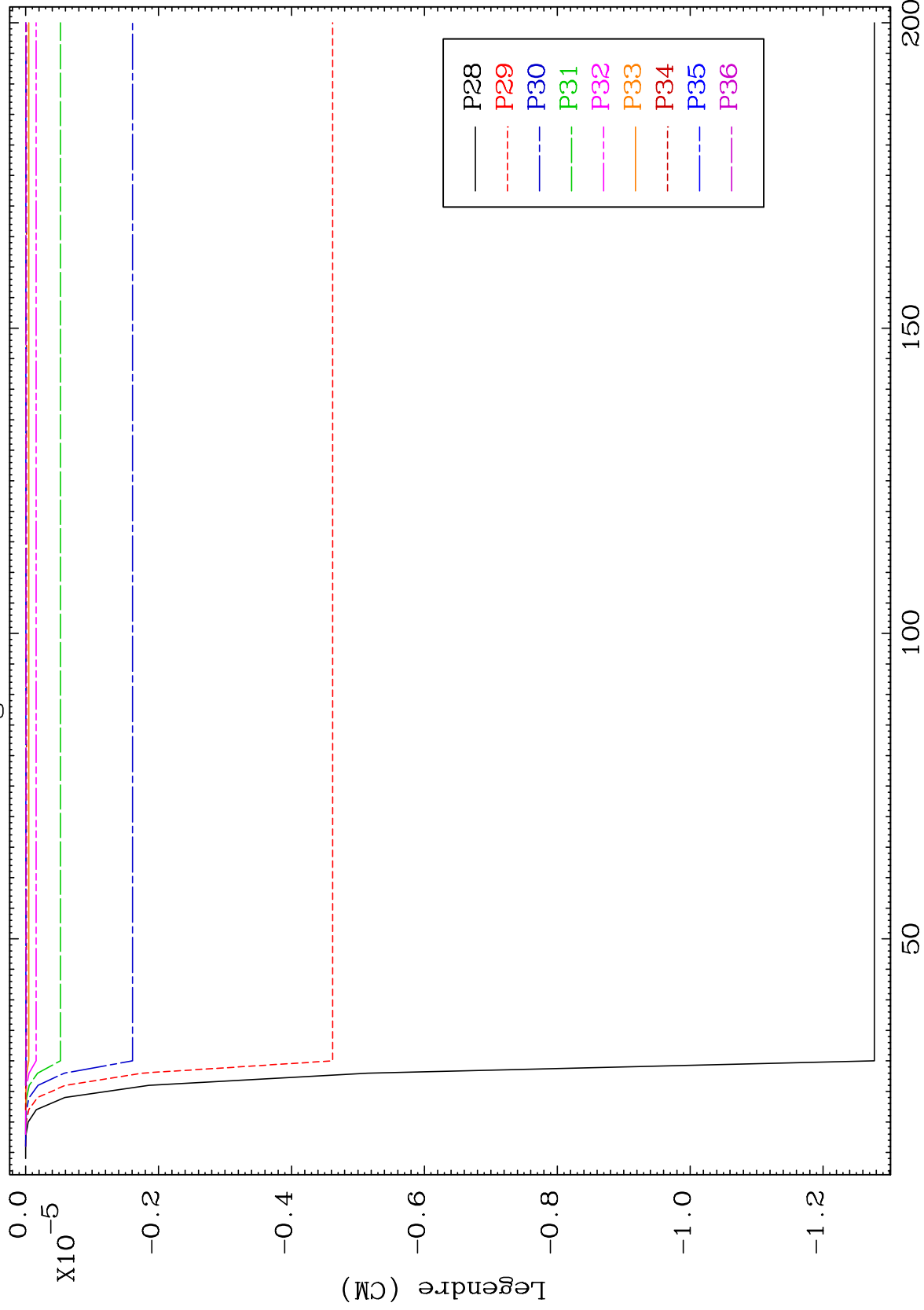
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

67-Ho-163



127

Incident Energy (MeV)

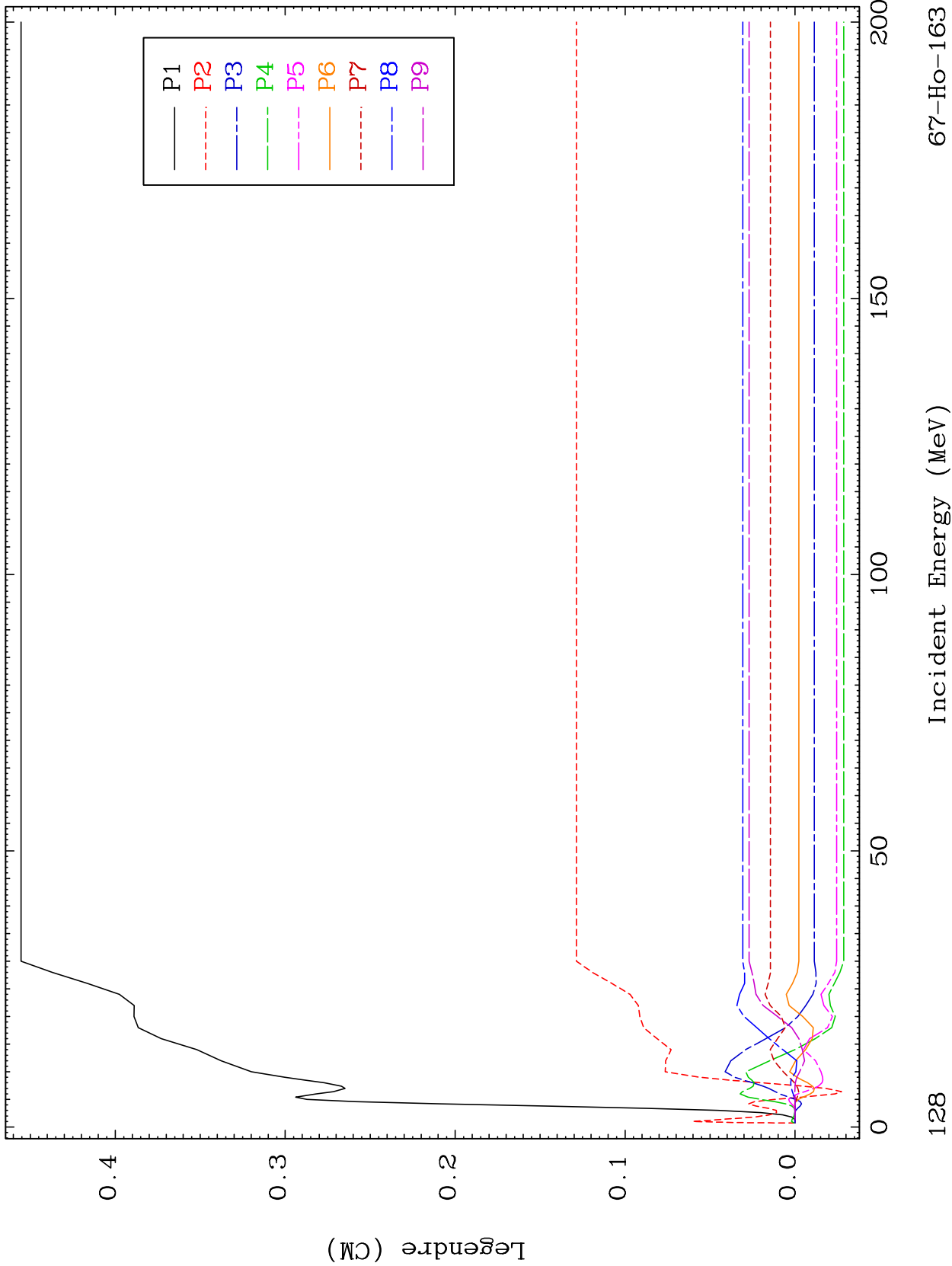
67-Ho-163



MAT 6719

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

67-Ho-163



67-Ho-163

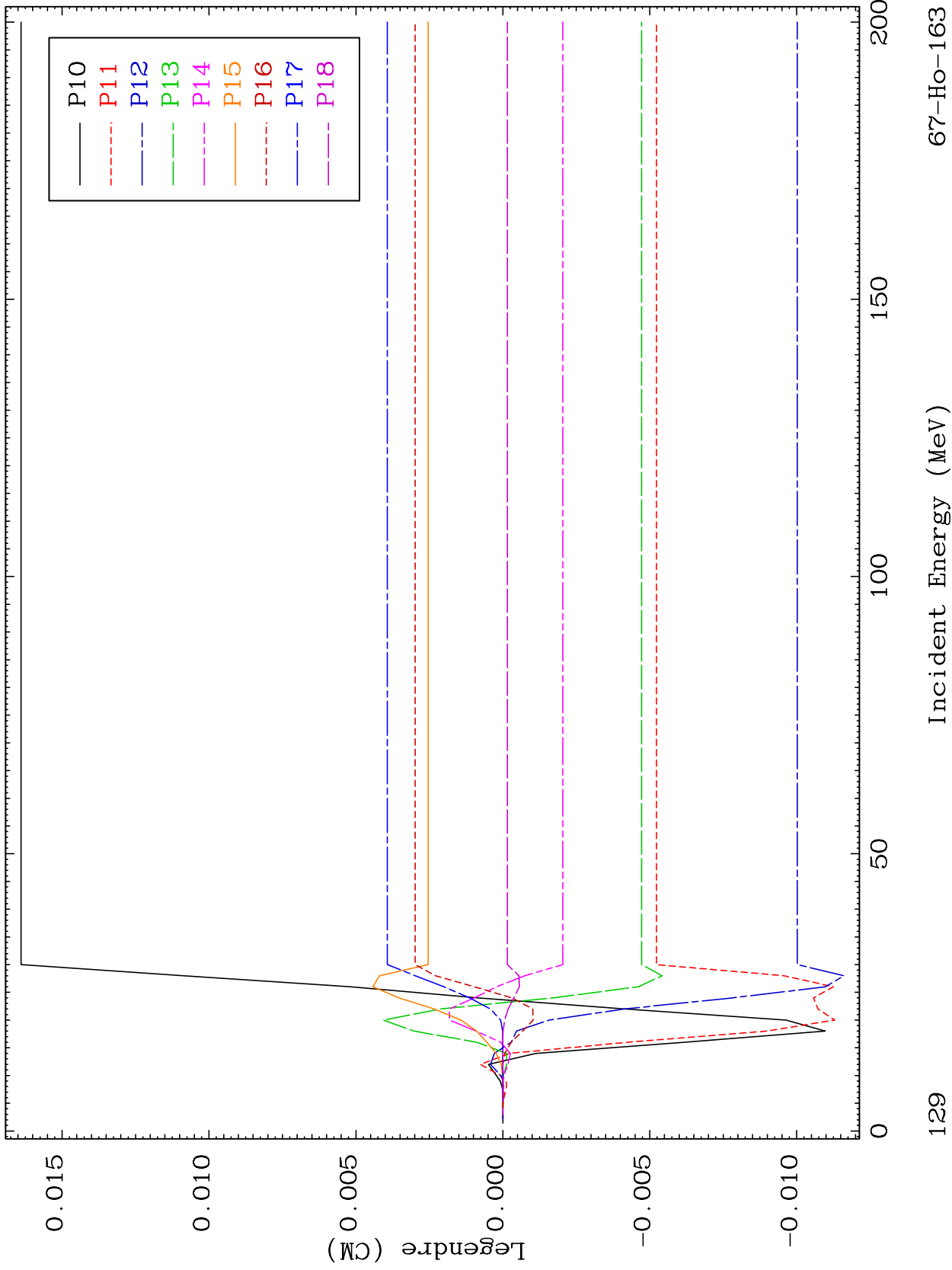
Incident Energy (MeV)

128

MAT 6719

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

67-Ho-163



67-Ho-163

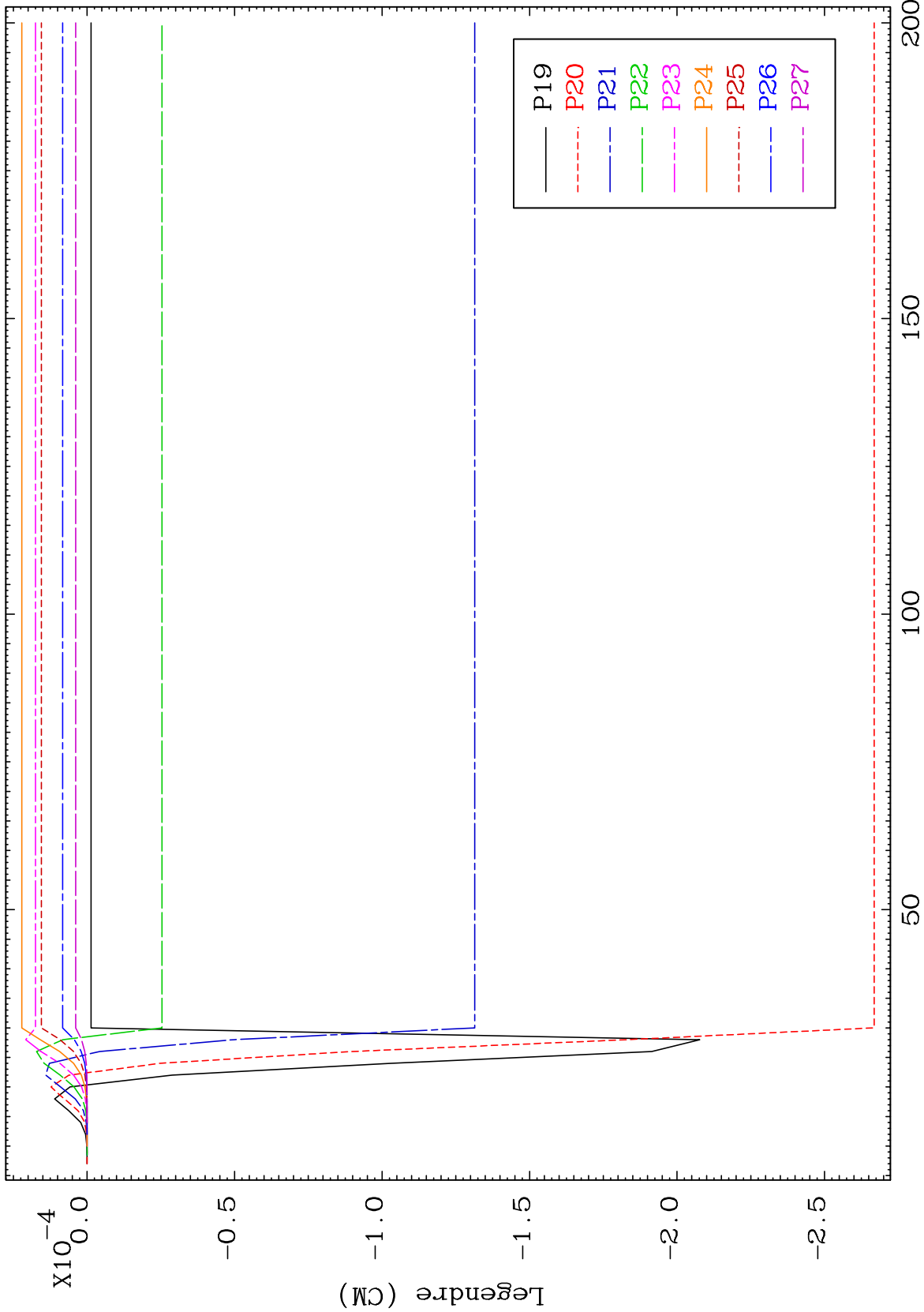
Incident Energy (MeV)

129

MAT 6719

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

67-Ho-163



130

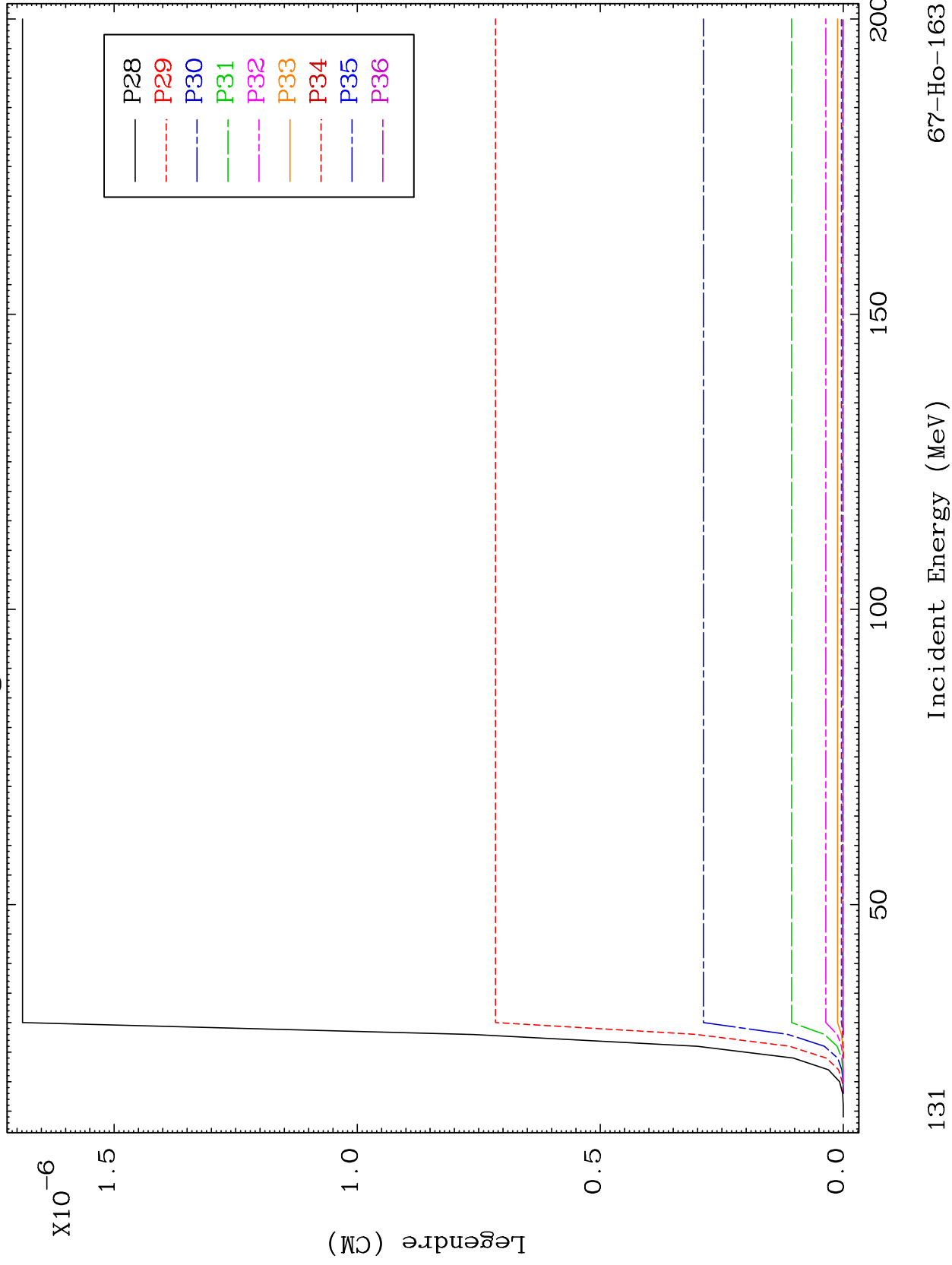
Incident Energy (MeV)

67-Ho-163

MAT 6719

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

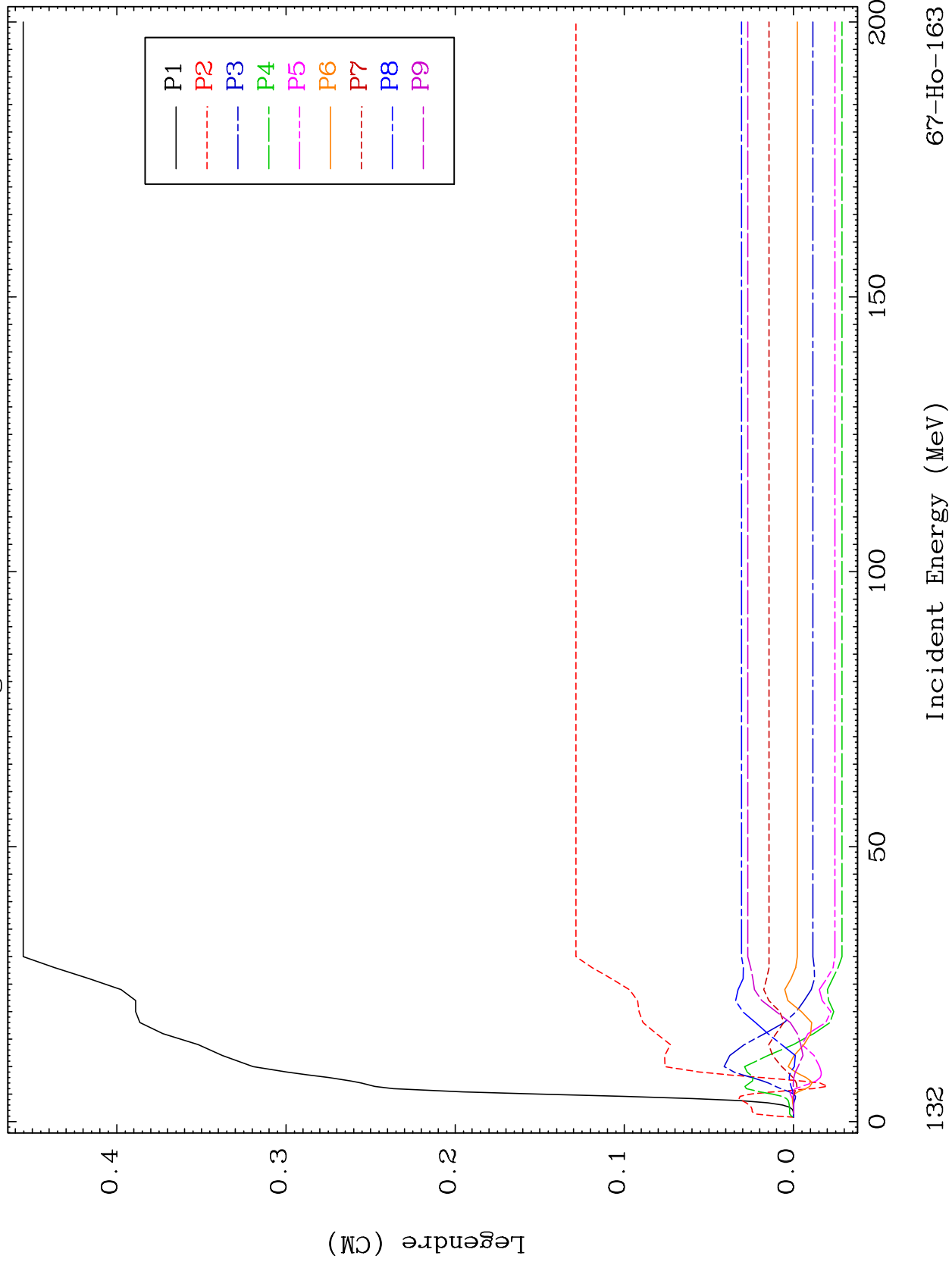
67-Ho-163



MAT 6719

MT= 79 (n,n') Level  
Legendre Coefficients

67-Ho-163



67-Ho-163

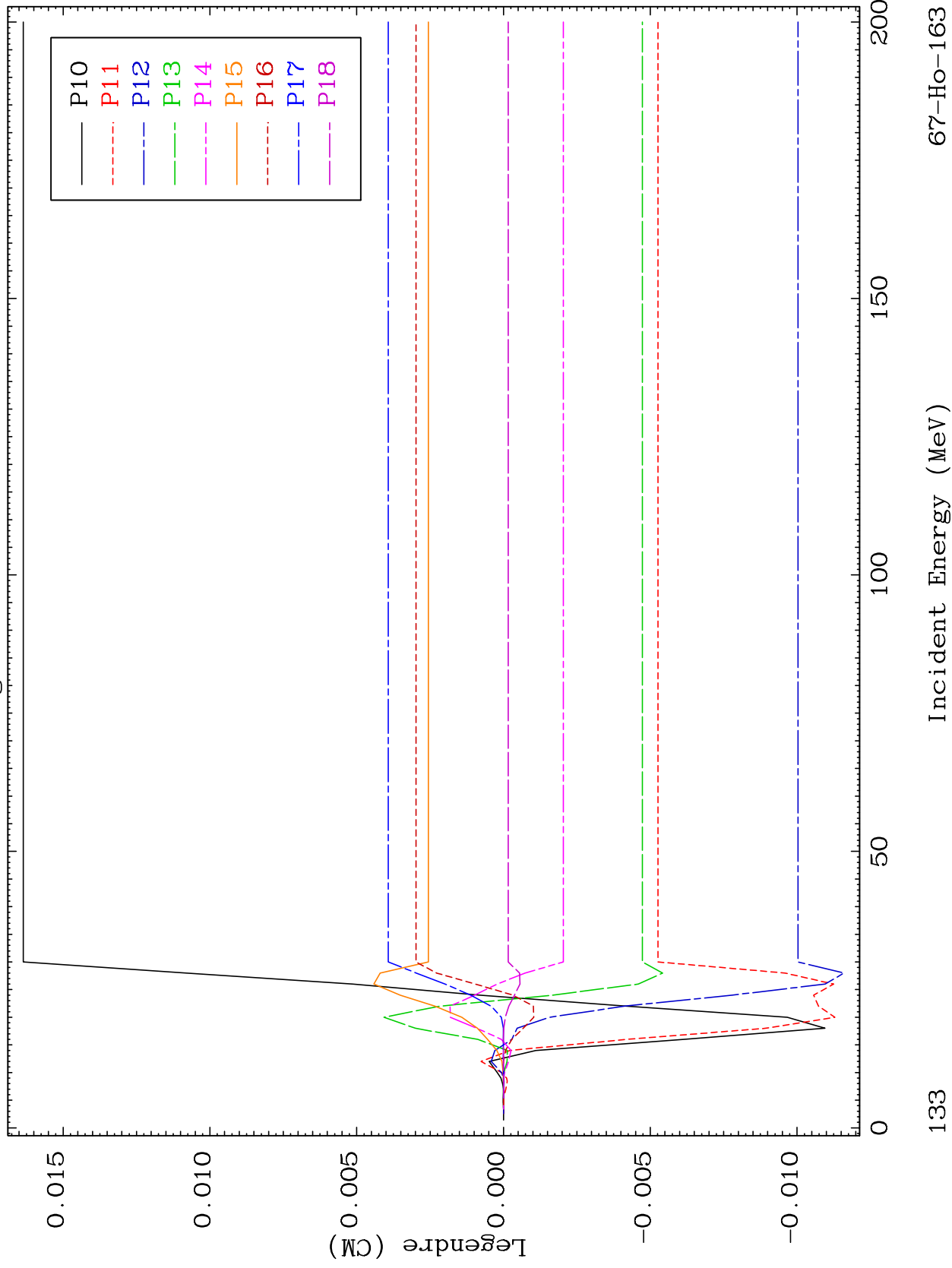
Incident Energy (MeV)

132

MAT 6719

MT= 79 (n,n') Level  
Legendre Coefficients

67-Ho-163



133

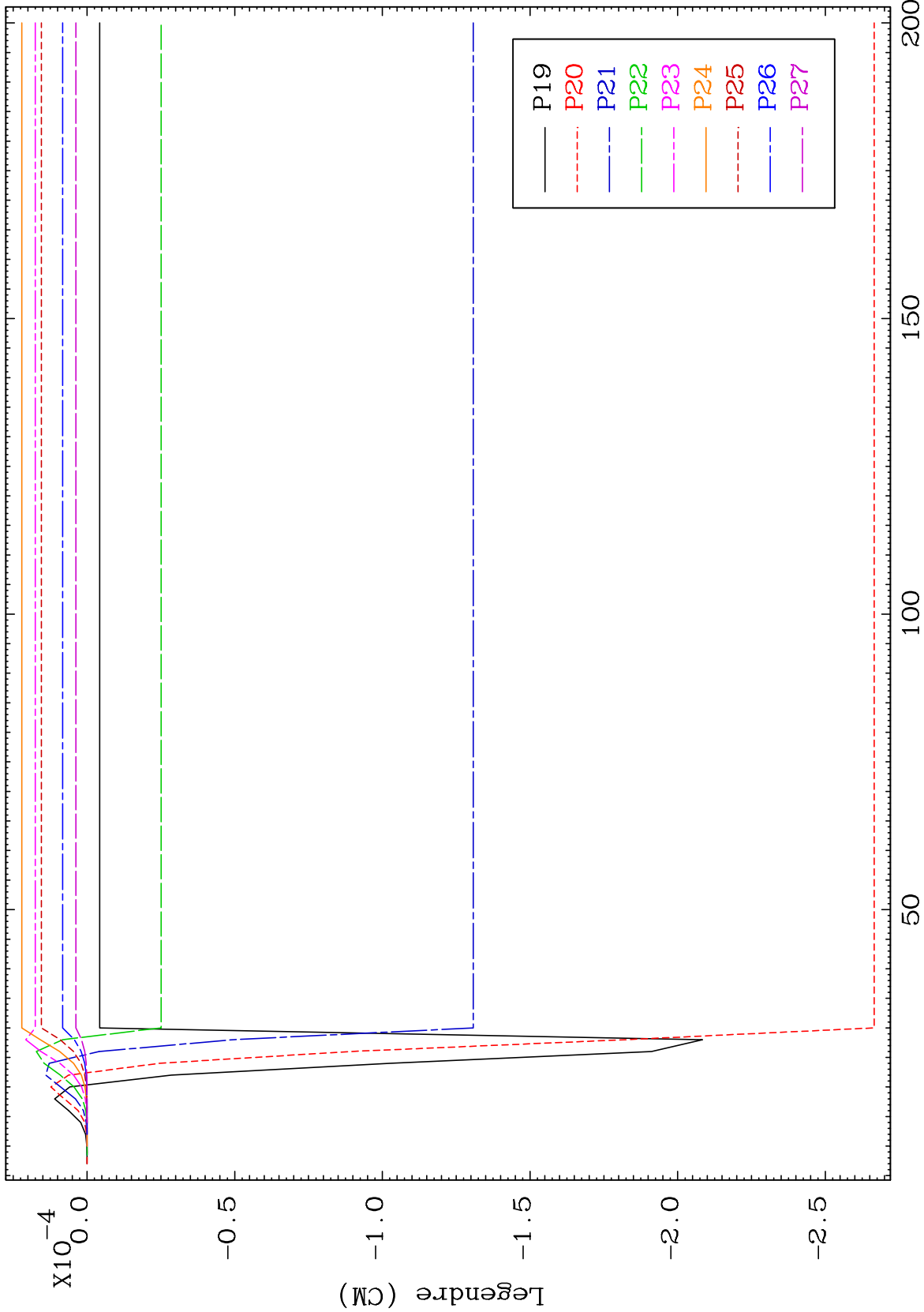
Incident Energy (MeV)

67-Ho-163

MAT 6719

MT= 79 (n,n') Level  
Legendre Coefficients

67-Ho-163



134

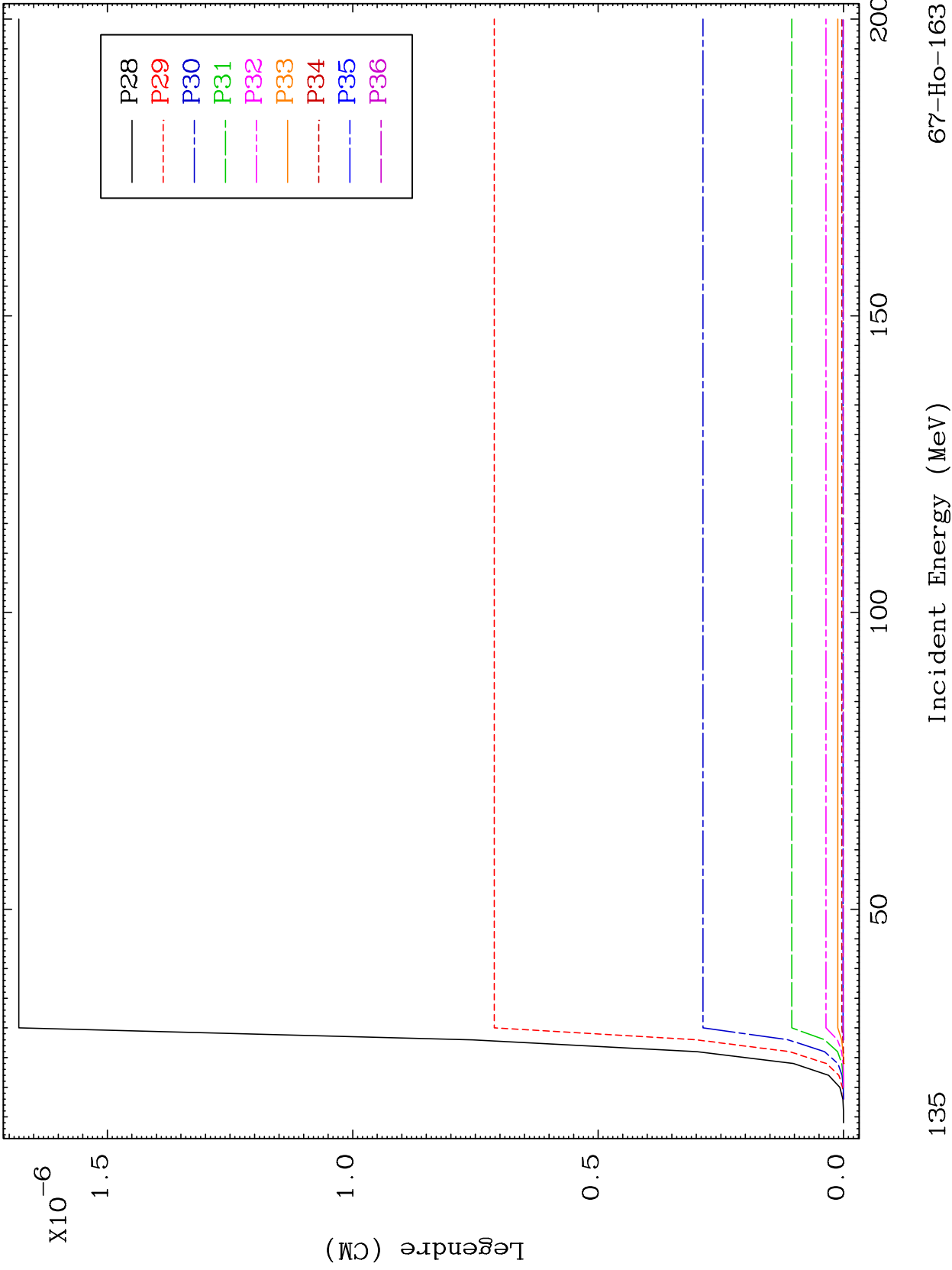
Incident Energy (MeV)

67-Ho-163

MAT 6719

MT= 79 (n,n') Level  
Legendre Coefficients

67-Ho-163



135

Incident Energy (MeV)

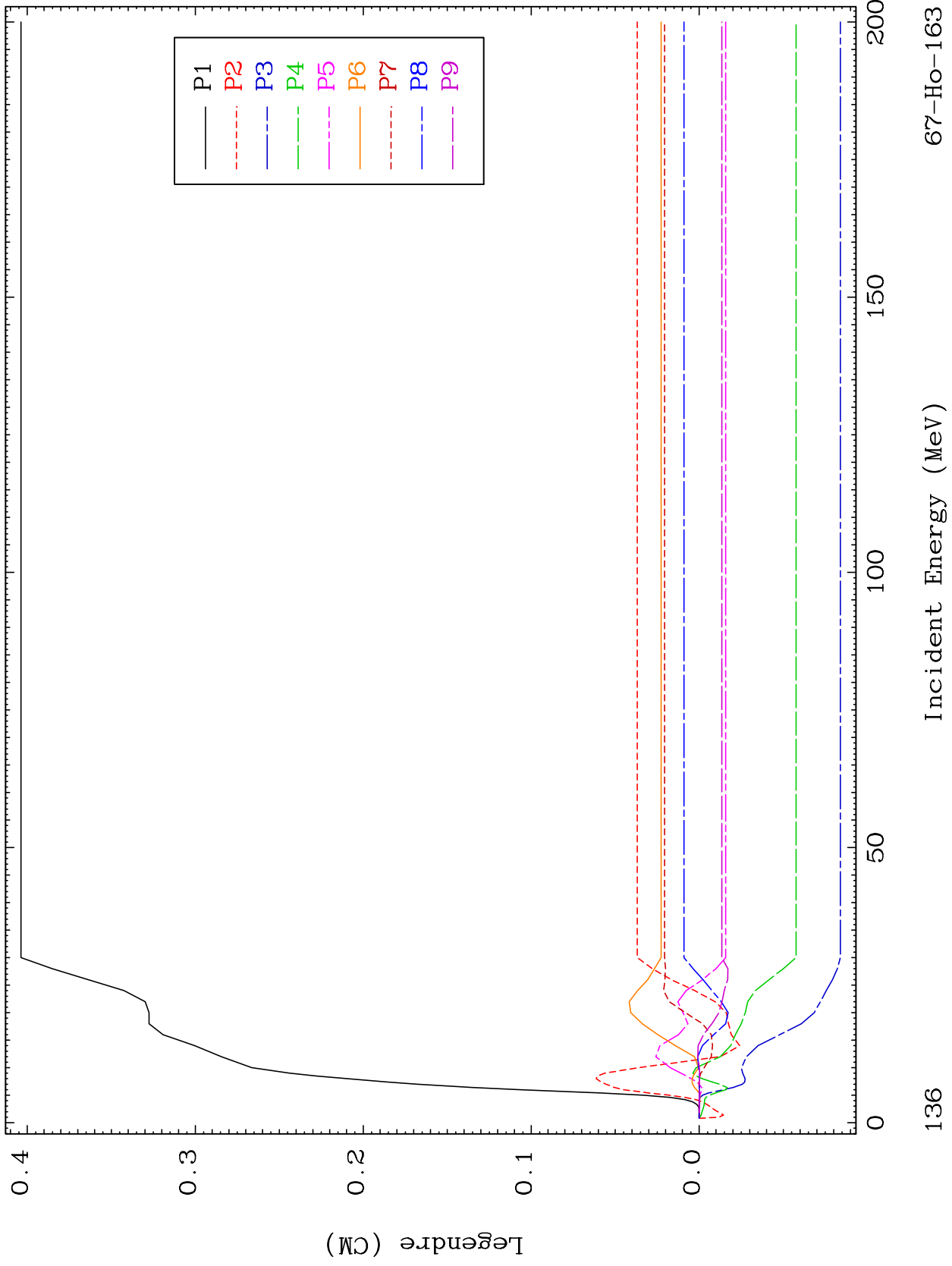
67-Ho-163



MAT 6719

MT= 80 (n,n') Level  
Legendre Coefficients

67-Ho-163



67-Ho-163

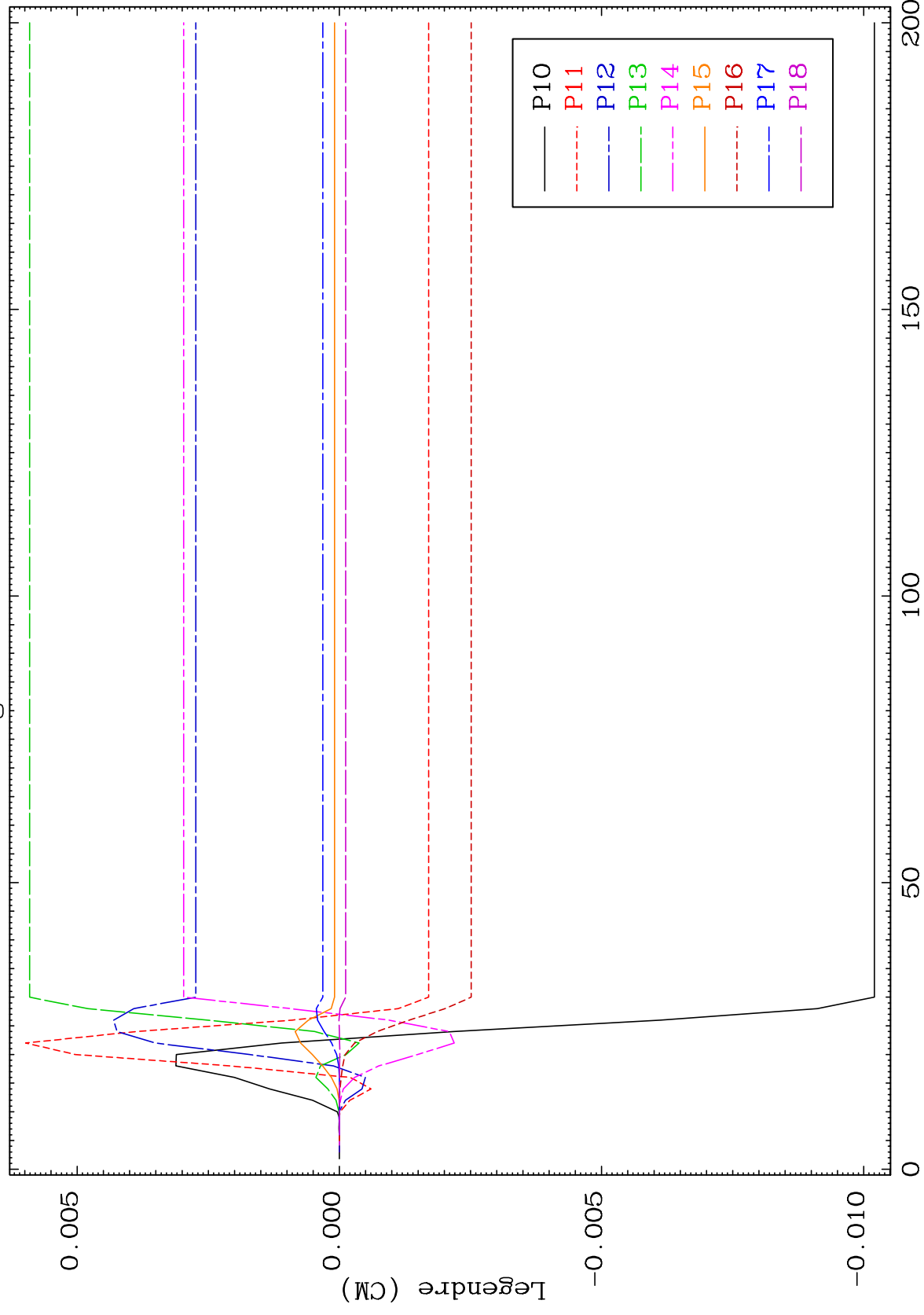
Incident Energy (MeV)

136

MAT 6719

MT= 80 (n,n') Level  
Legendre Coefficients

67-Ho-163



137

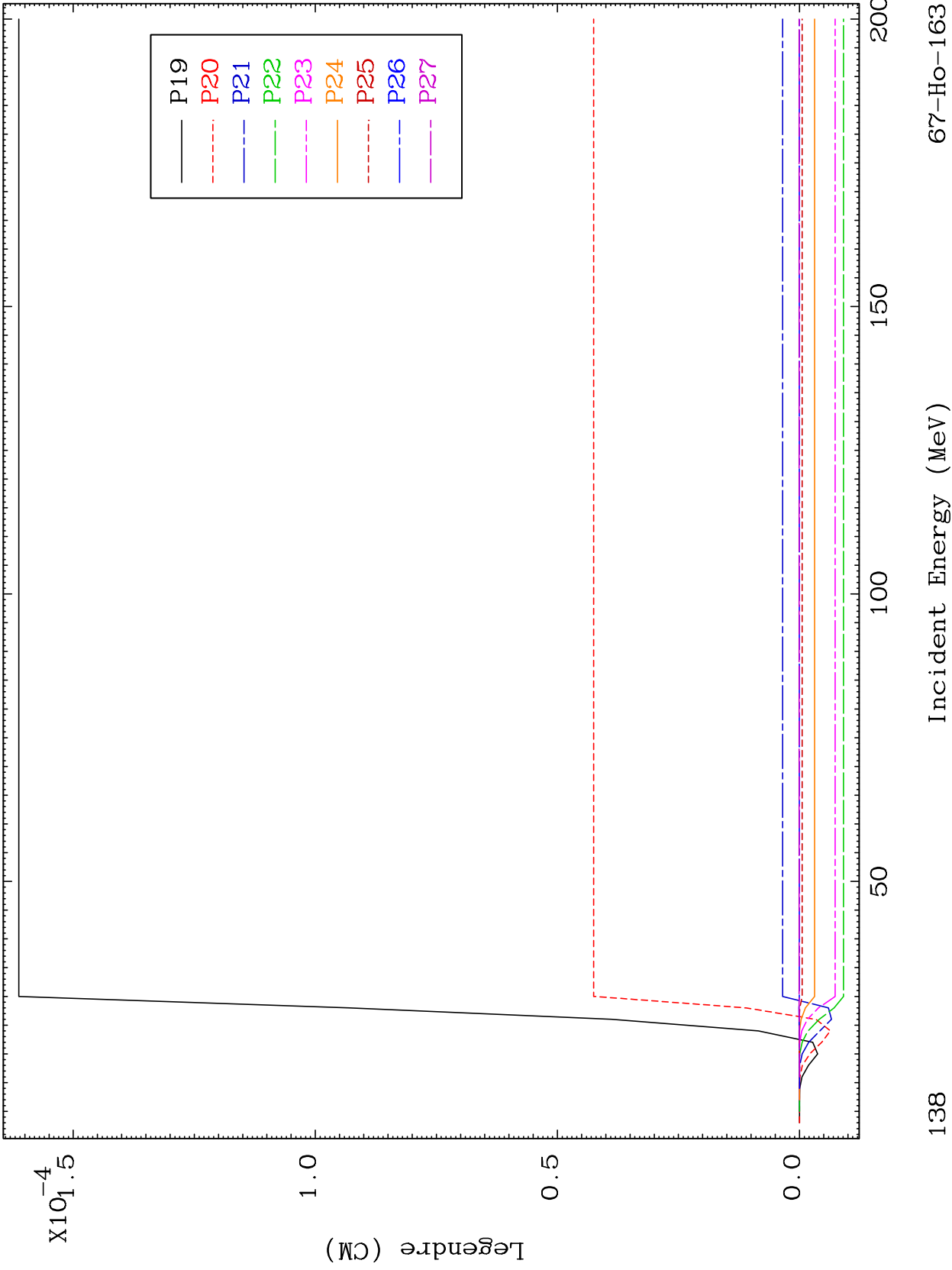
Incident Energy (MeV)

67-Ho-163

MAT 6719

MT= 80 (n,n') Level  
Legendre Coefficients

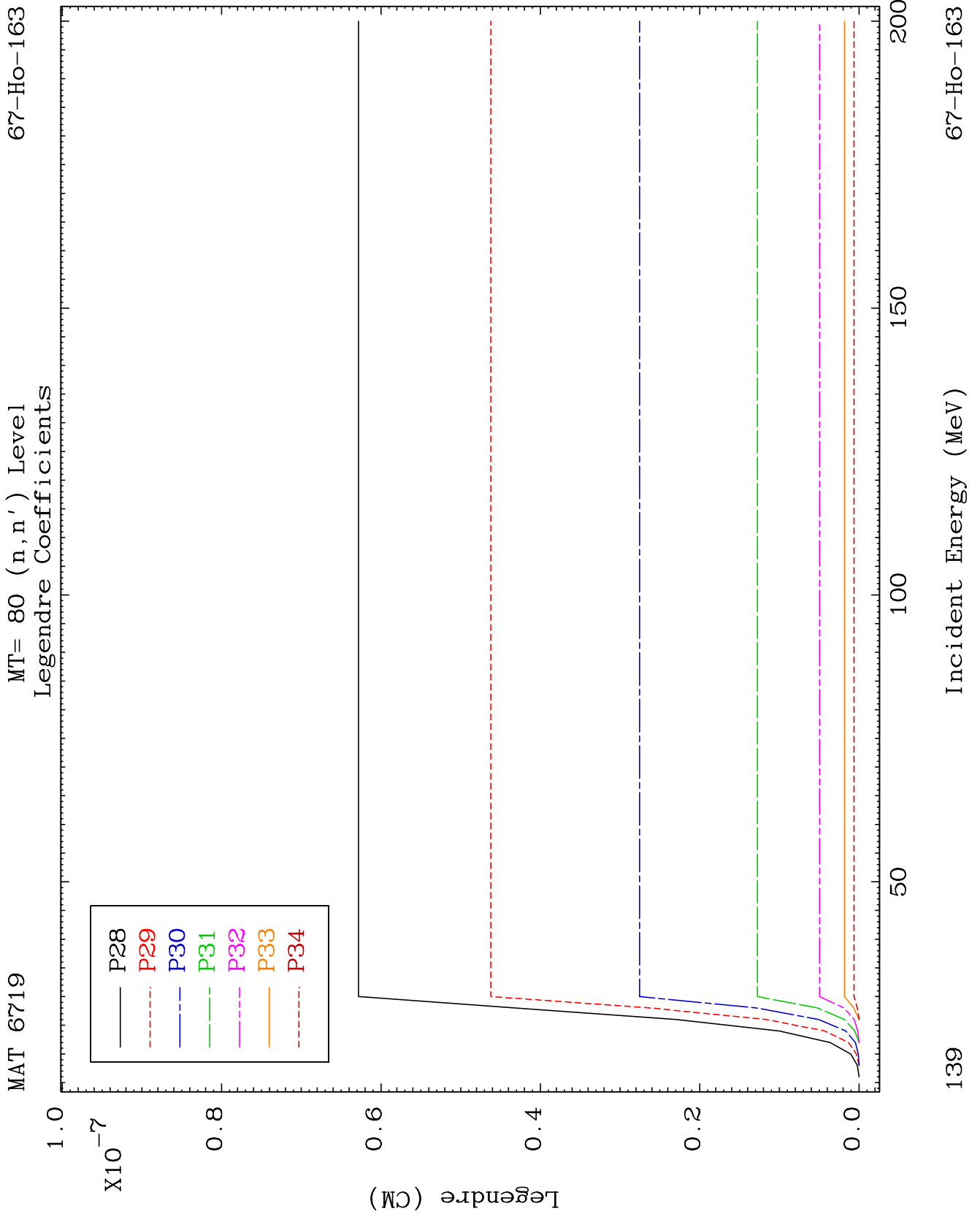
67-Ho-163



138

Incident Energy (MeV)

67-Ho-163

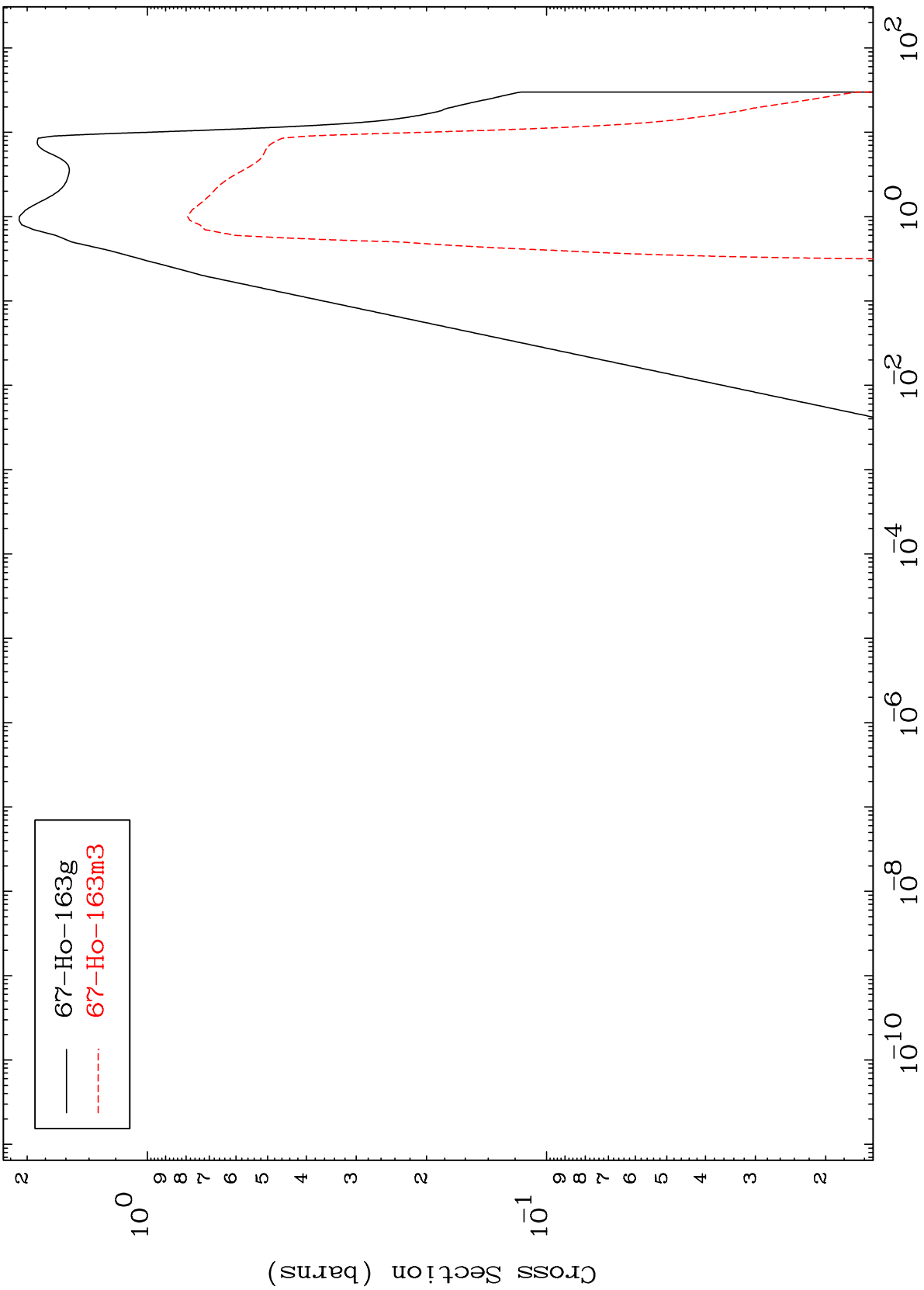


MAT 6719

Inelastic

<sup>67</sup>Ho-163

Radionuclide Production Cross Section



140

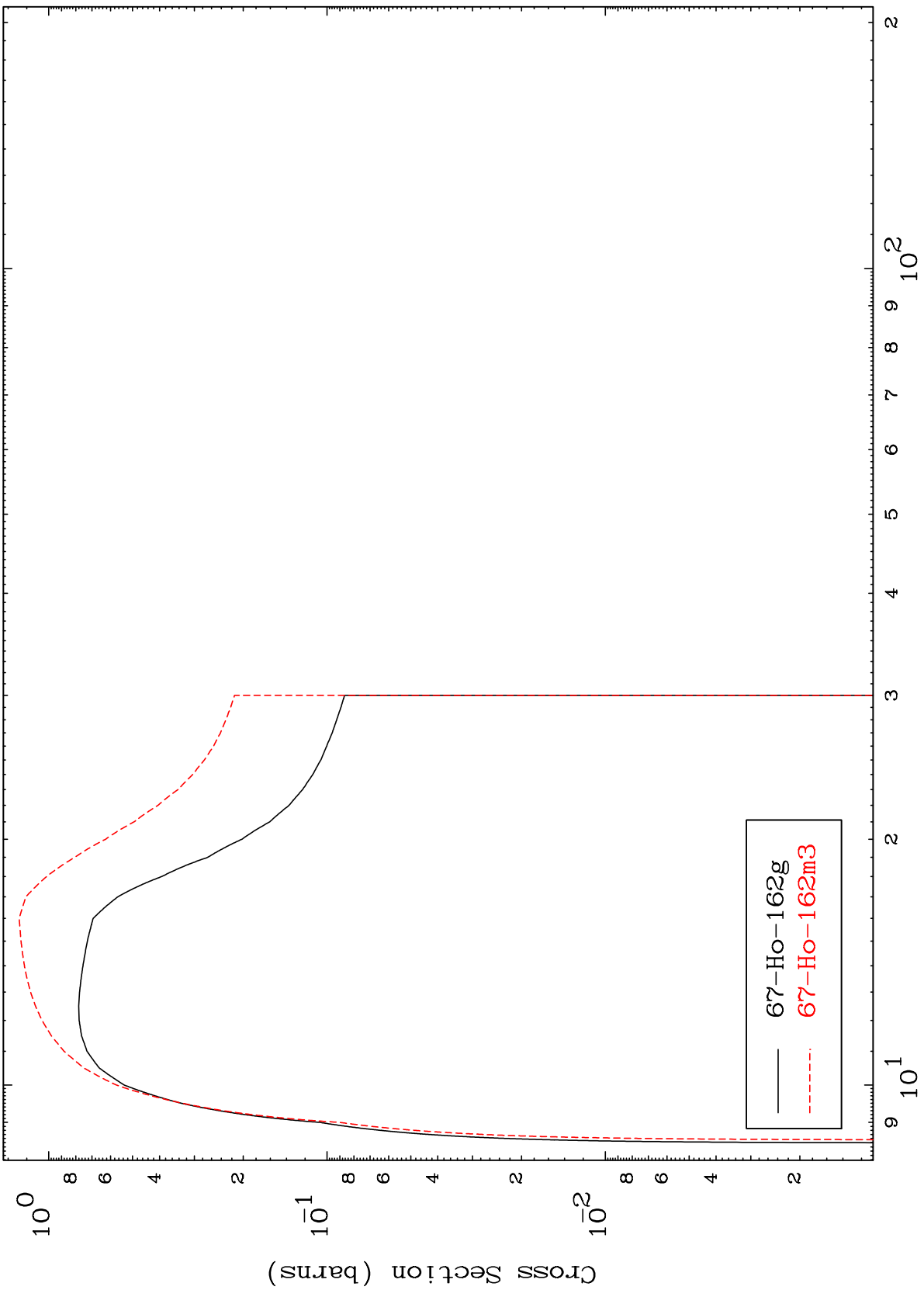
Incident Energy (MeV)

<sup>67</sup>Ho-163

MAT 6719

67-Ho-163

(n,2n)  
Radionuclide Production Cross Section



141

Incident Energy (MeV)

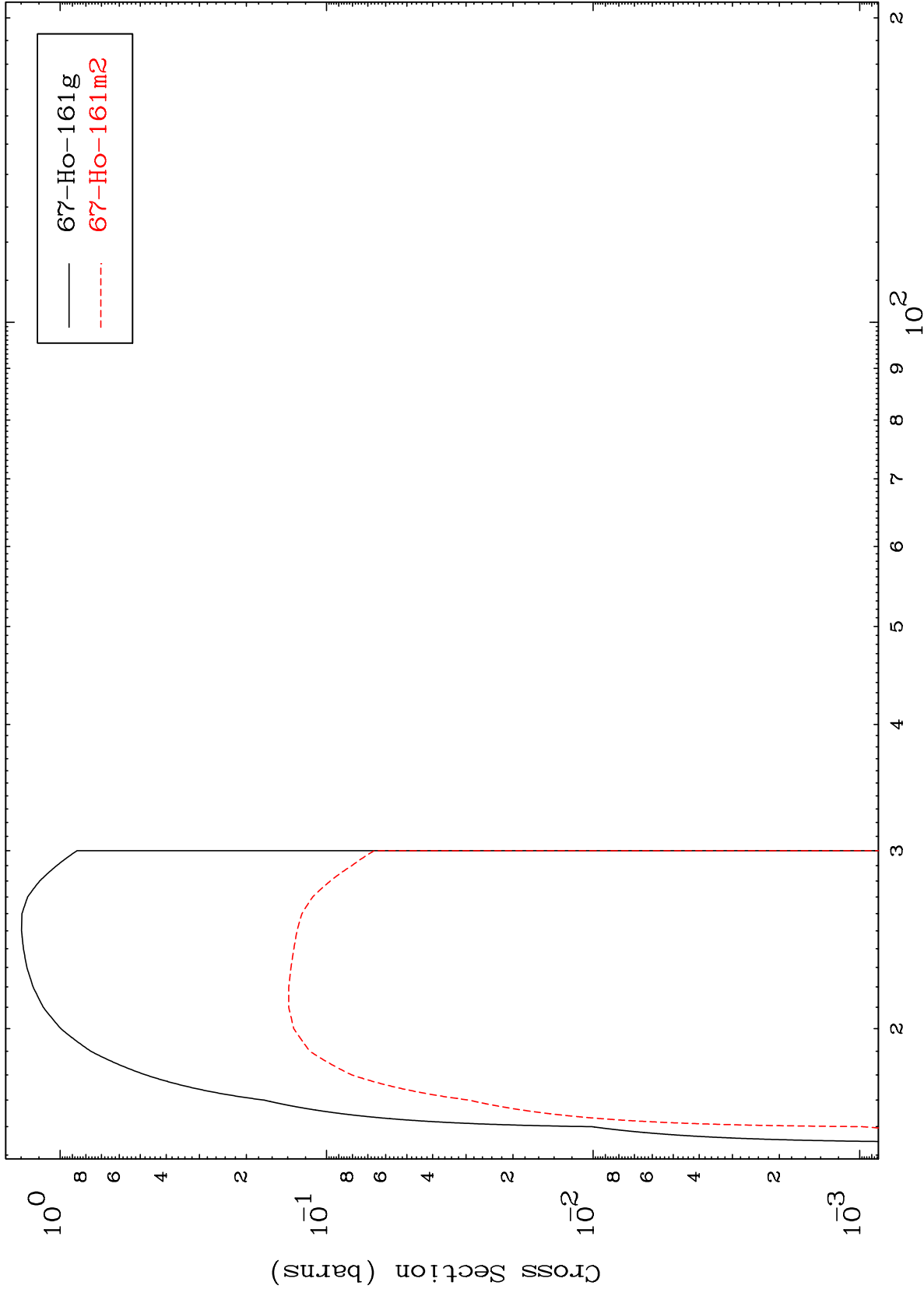
67-Ho-163

MAT 6719

(n,3n)

67-Ho-163

Radionuclide Production Cross Section



142

Incident Energy (MeV)

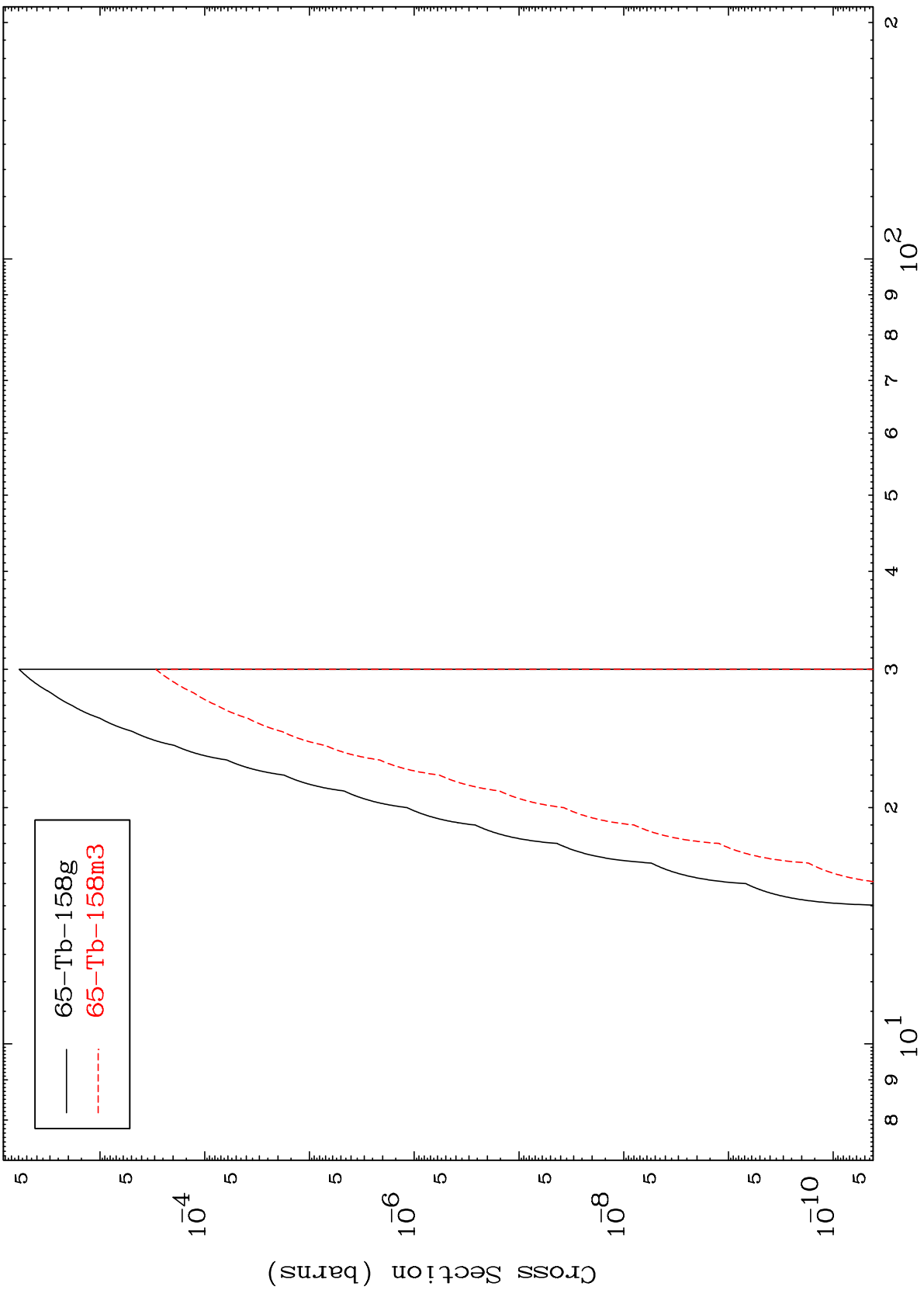
67-Ho-163

MAT 6719

(n,2n)  $\alpha$

67-Ho-163

Radionuclide Production Cross Section



65-Tb-158g  
65-Tb-158m3

143

Incident Energy (MeV)

67-Ho-163

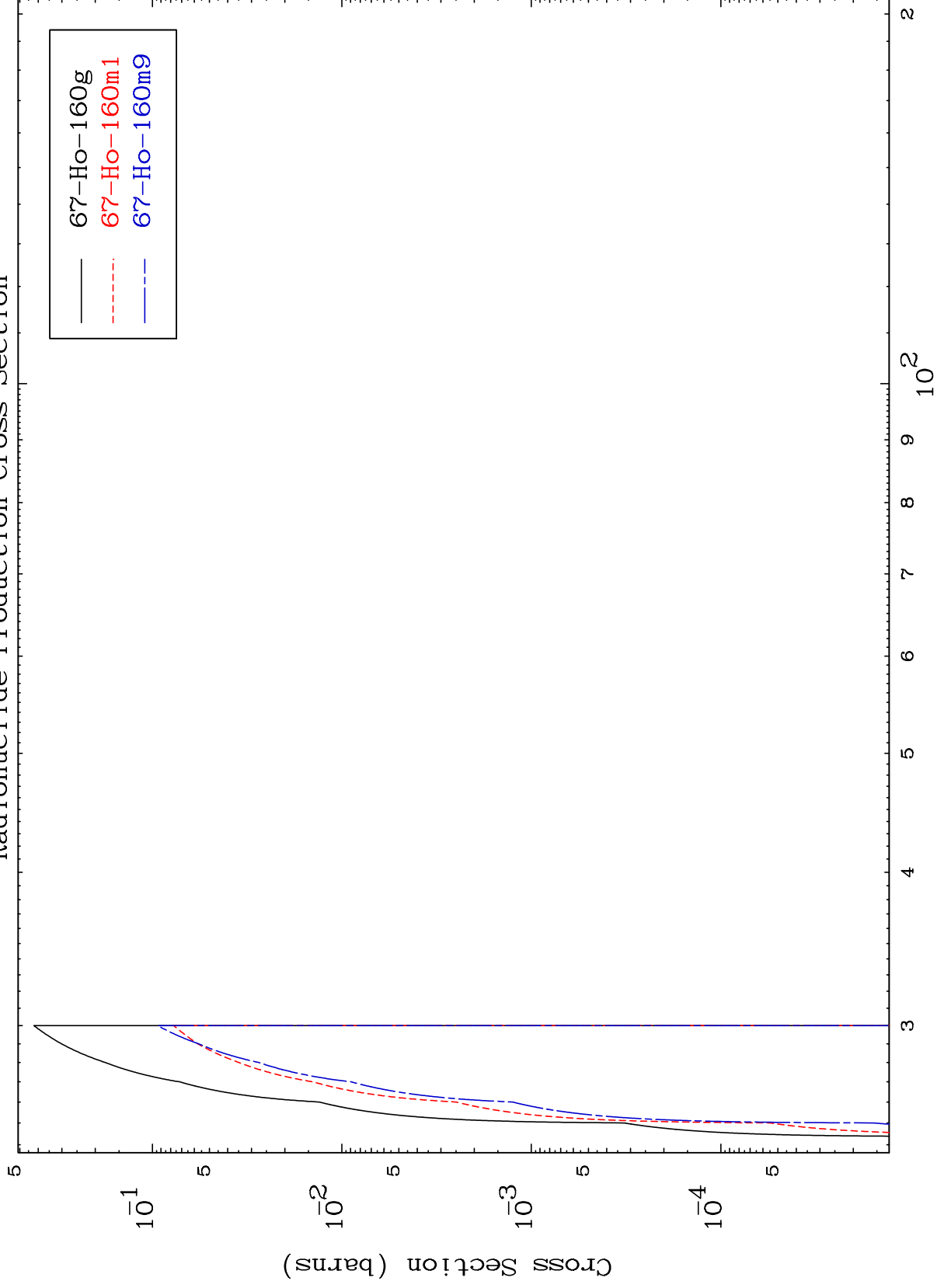


MAT 6719

(n,4n)

67-Ho-163

Radionuclide Production Cross Section



144

Incident Energy (MeV)

67-Ho-163

MAT 6719

67-Ho-163

