

Program EVALPLOT  
(Version 2021-1)

by

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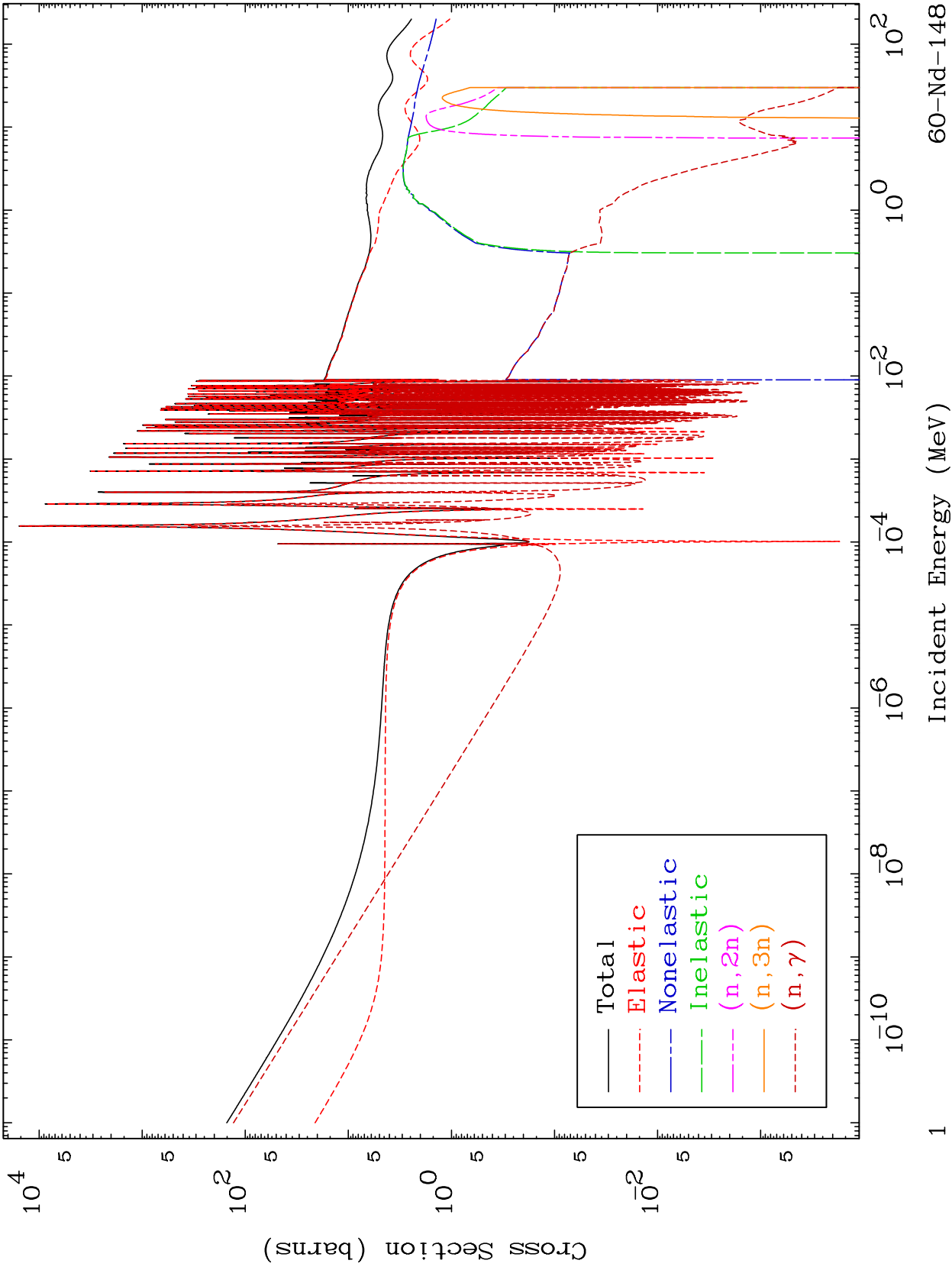
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6043

Neutron Major  
293 Kelvin Cross Sections

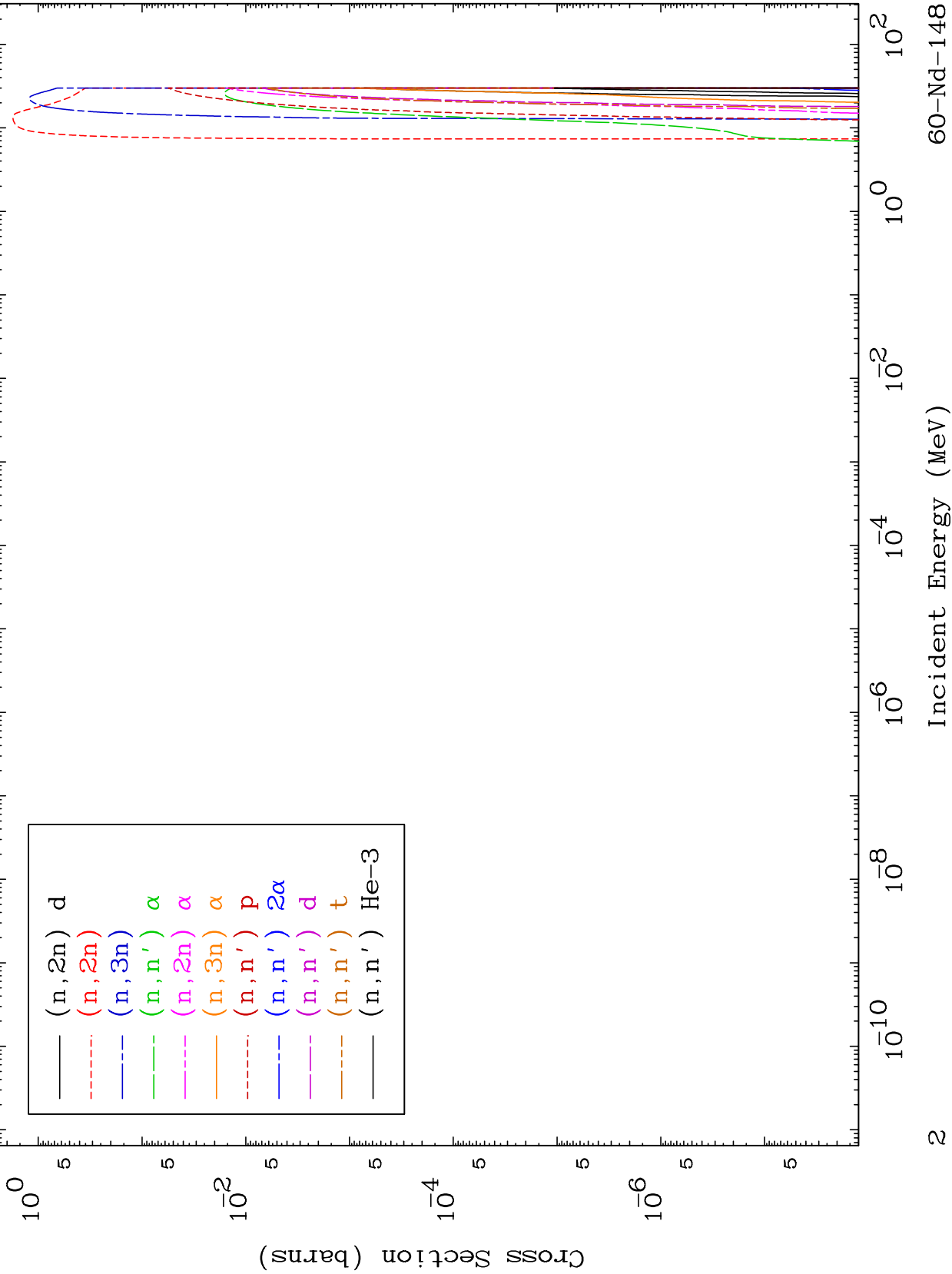
60-Nd-148



MAT 6043

Neutron Absorption  
293 Kelvin Cross Sections

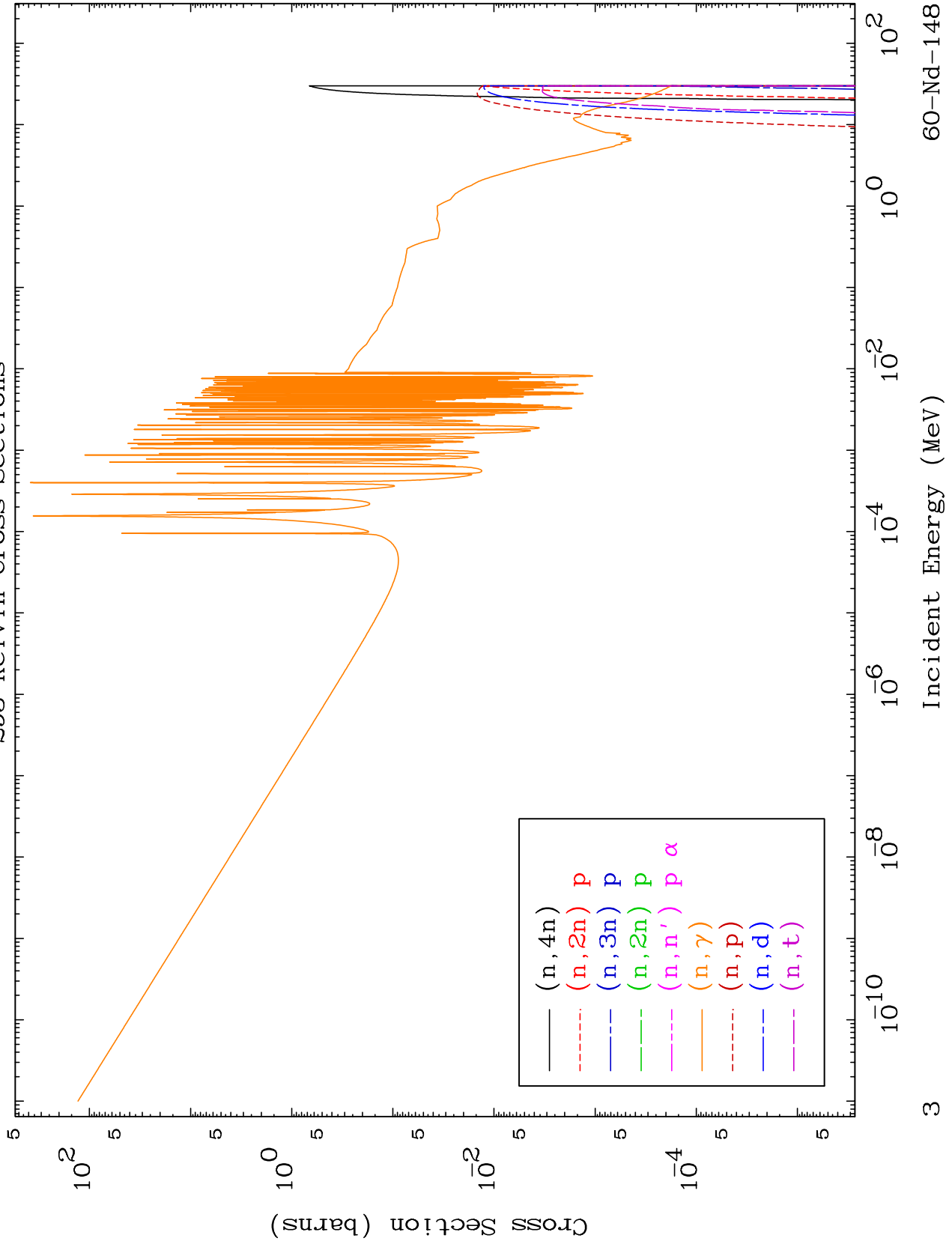
60-Nd-148



MAT 6043

Neutron Absorption  
293 Kelvin Cross Sections

60-Nd-148

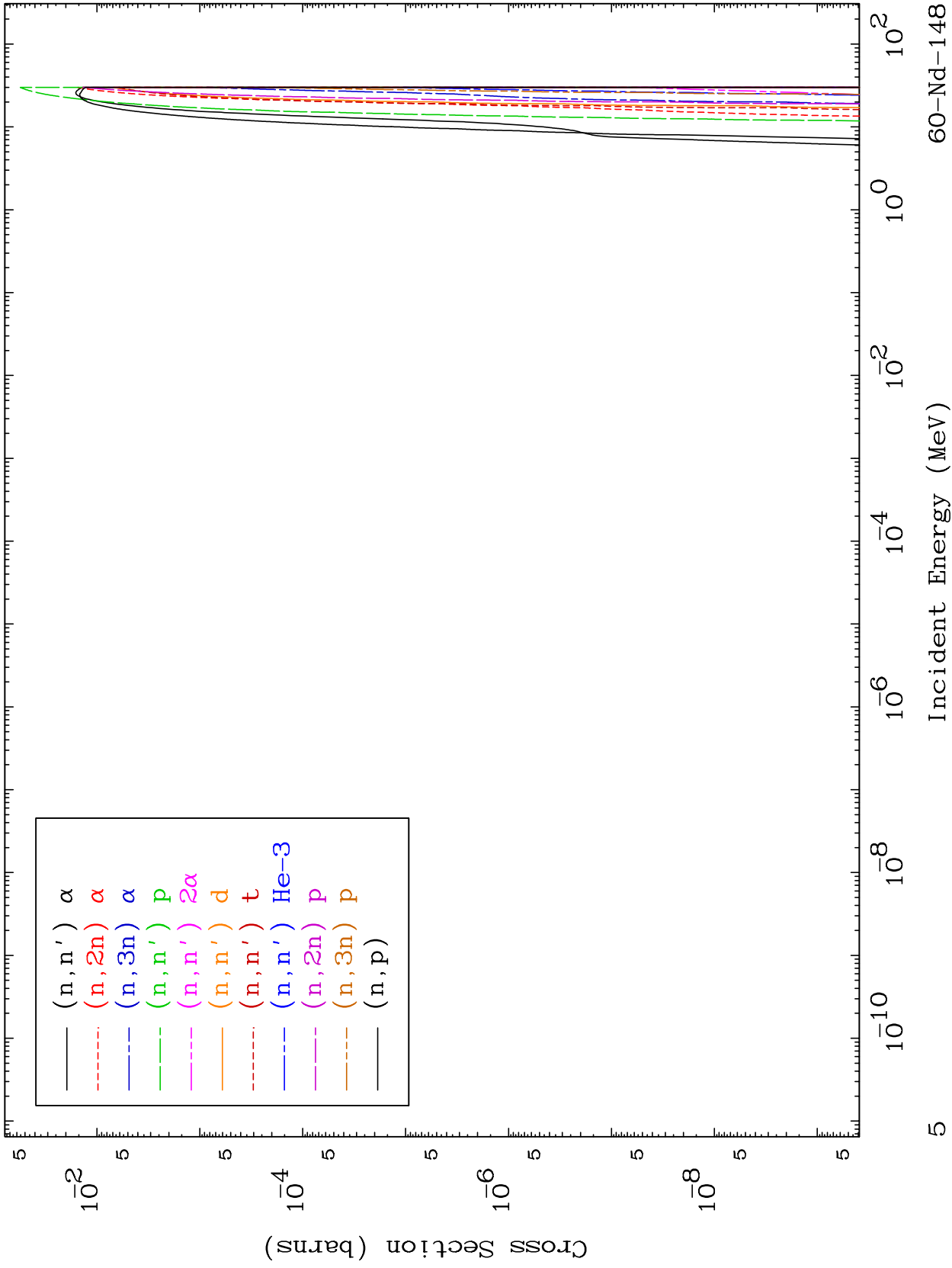




MAT 6043

Charged Particle  
293 Kelvin Cross Sections

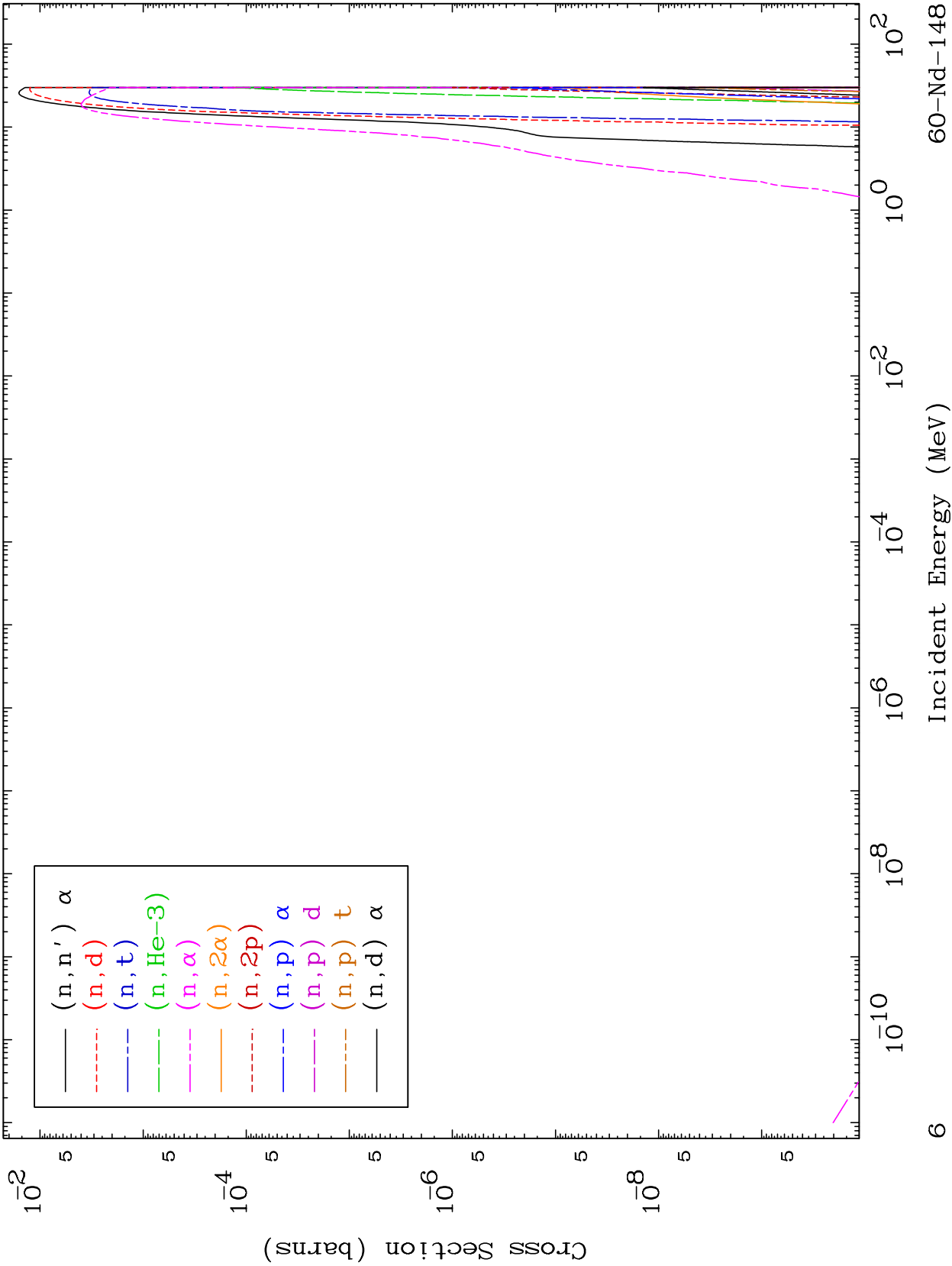
60-Nd-148



MAT 6043

Charged Particle  
293 Kelvin Cross Sections

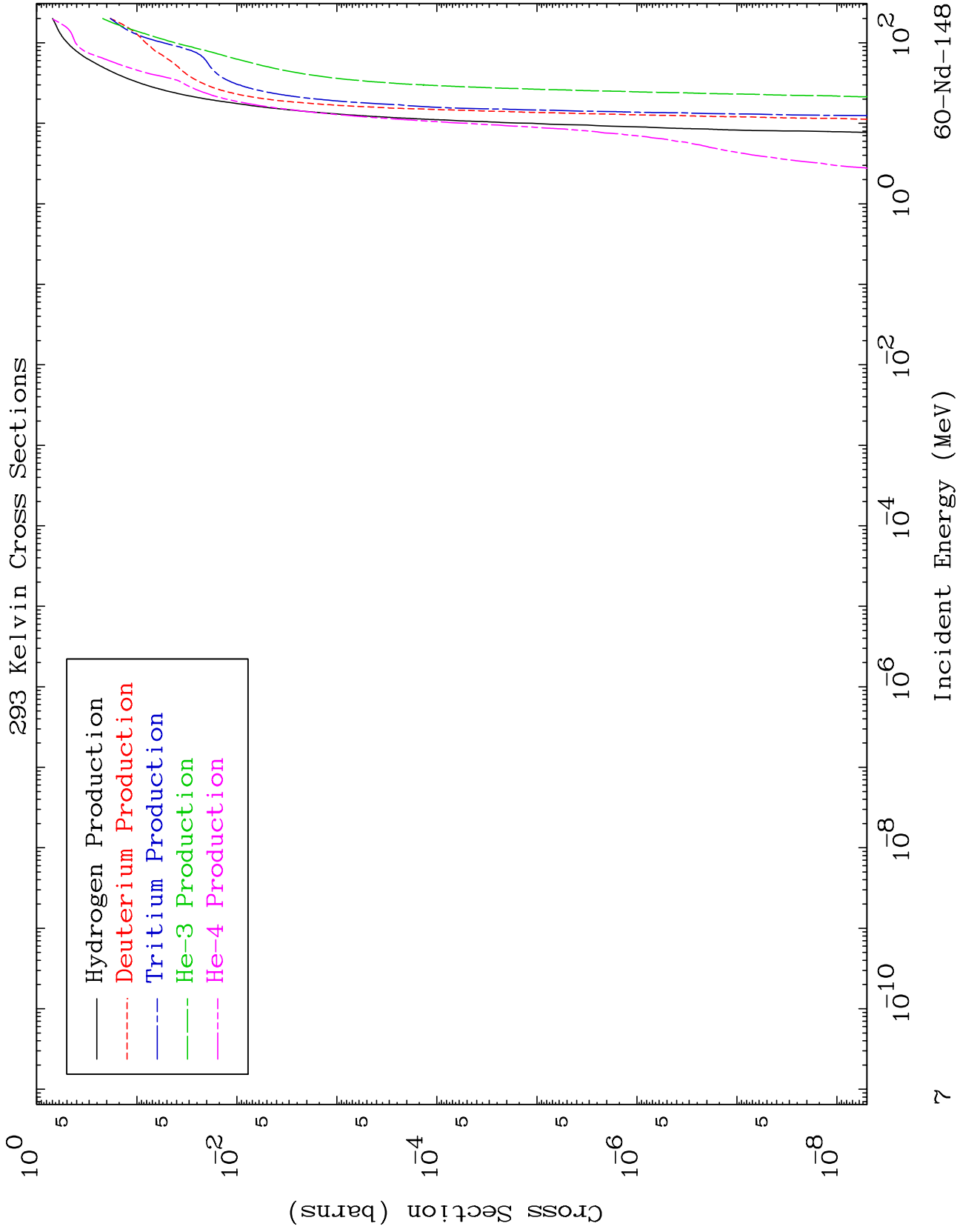
60-Nd-148



MAT 6043

Particle Production  
293 Kelvin Cross Sections

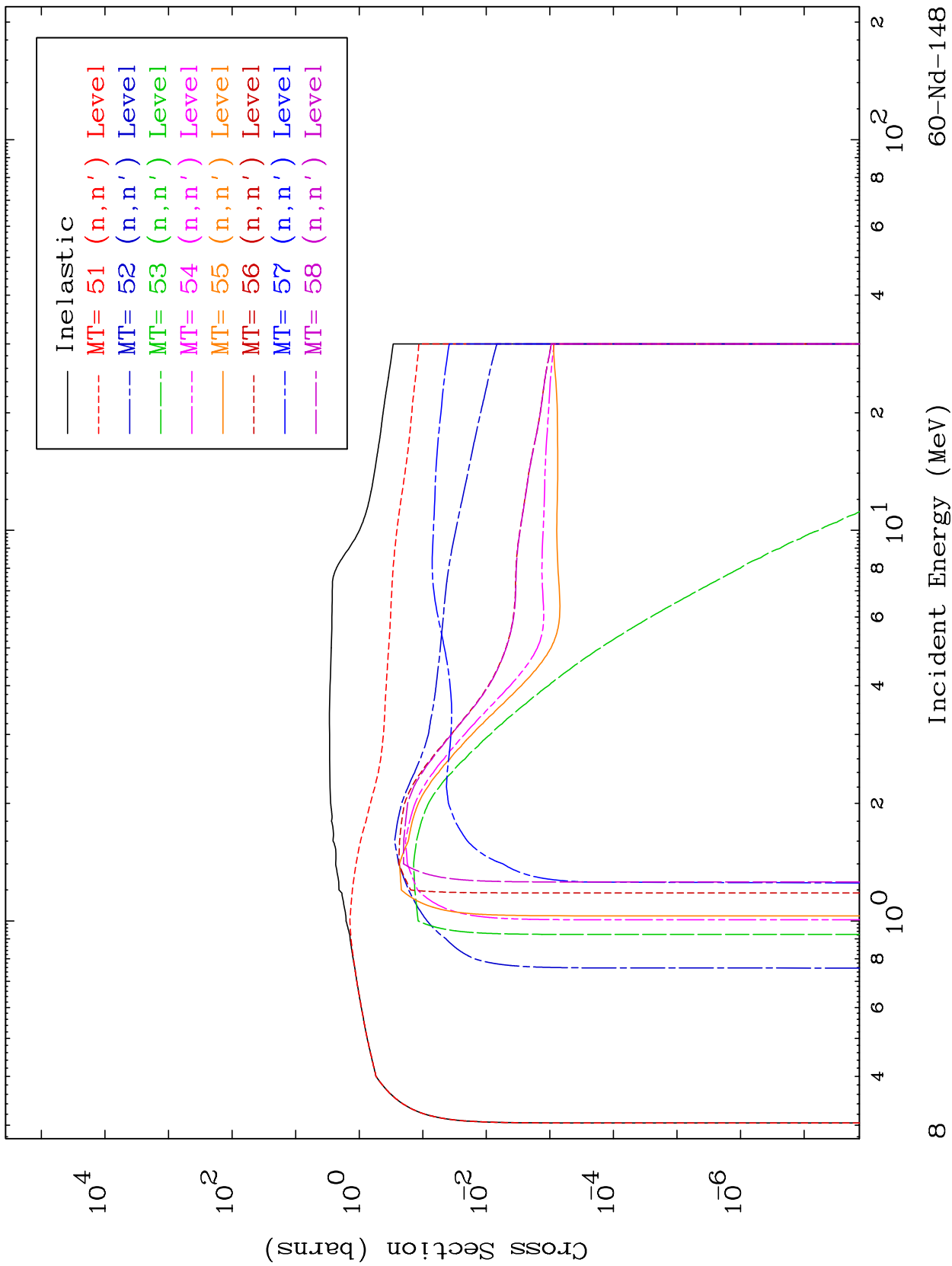
60-Nd-148



MAT 6043

(n,n') Levels  
293 Kelvin Cross Sections

60-Nd-148



8

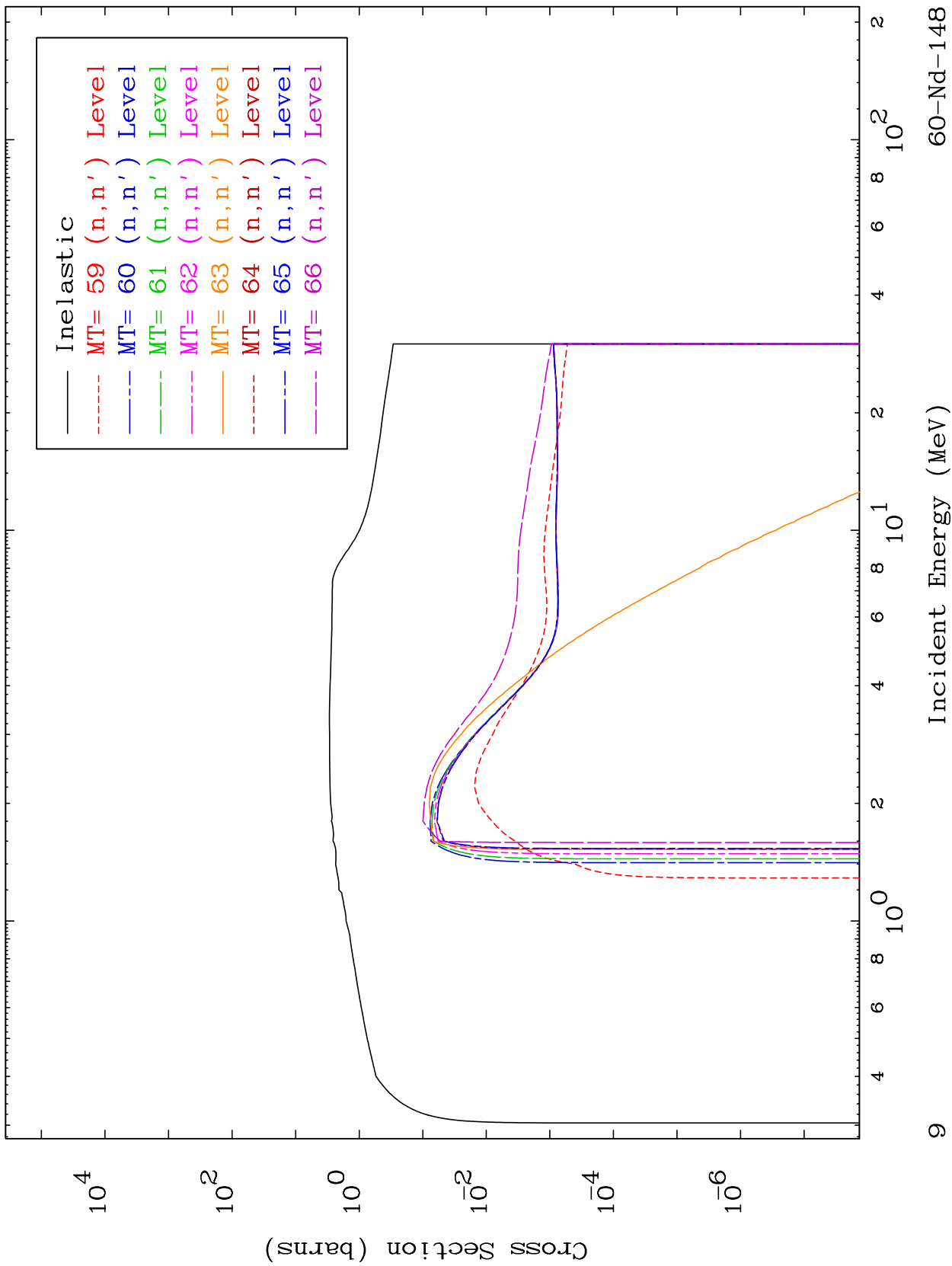
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,n') Levels  
293 Kelvin Cross Sections

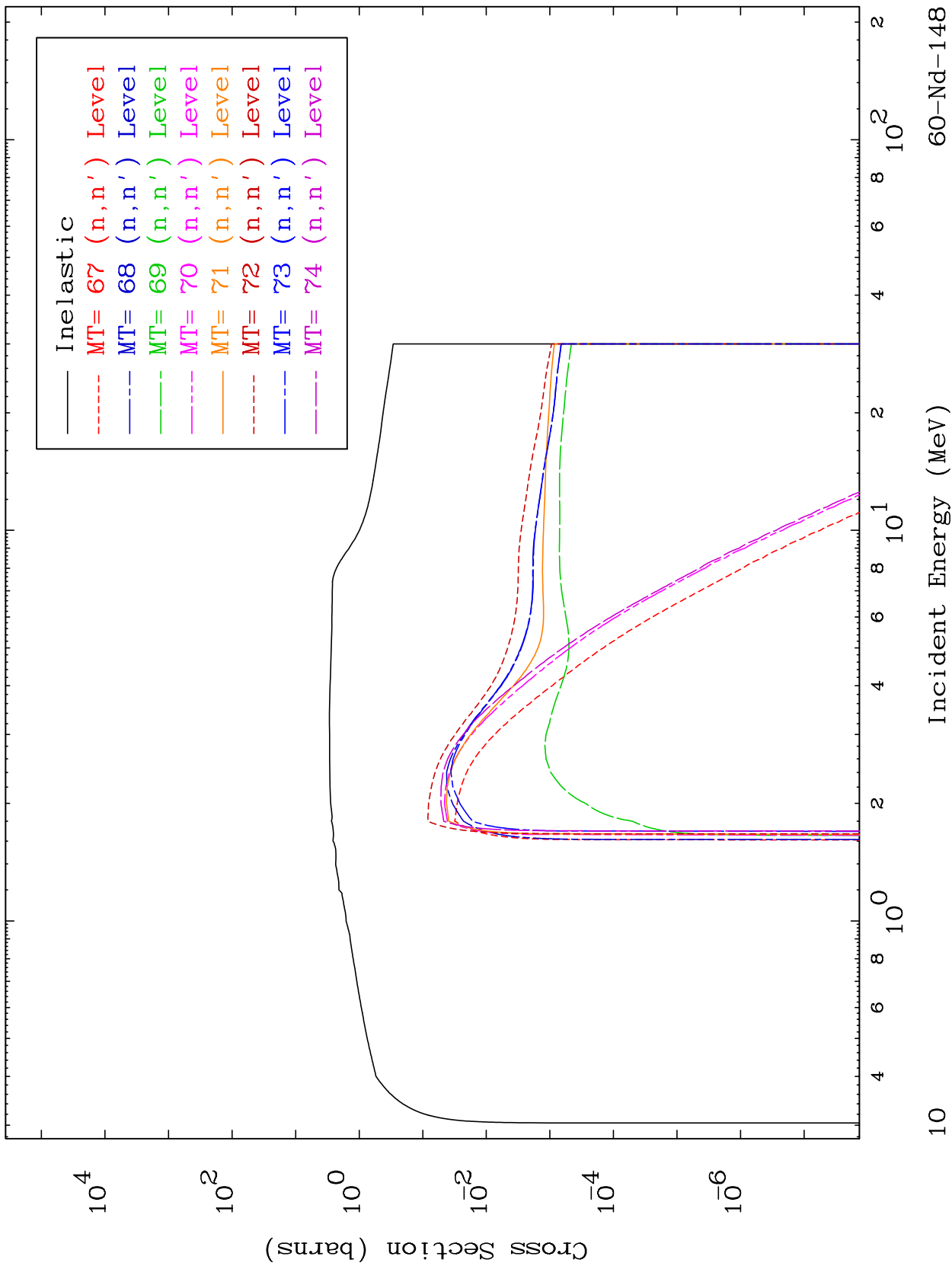
60-Nd-148



MAT 6043

(n,n') Levels  
293 Kelvin Cross Sections

60-Nd-148



10

Incident Energy (MeV)

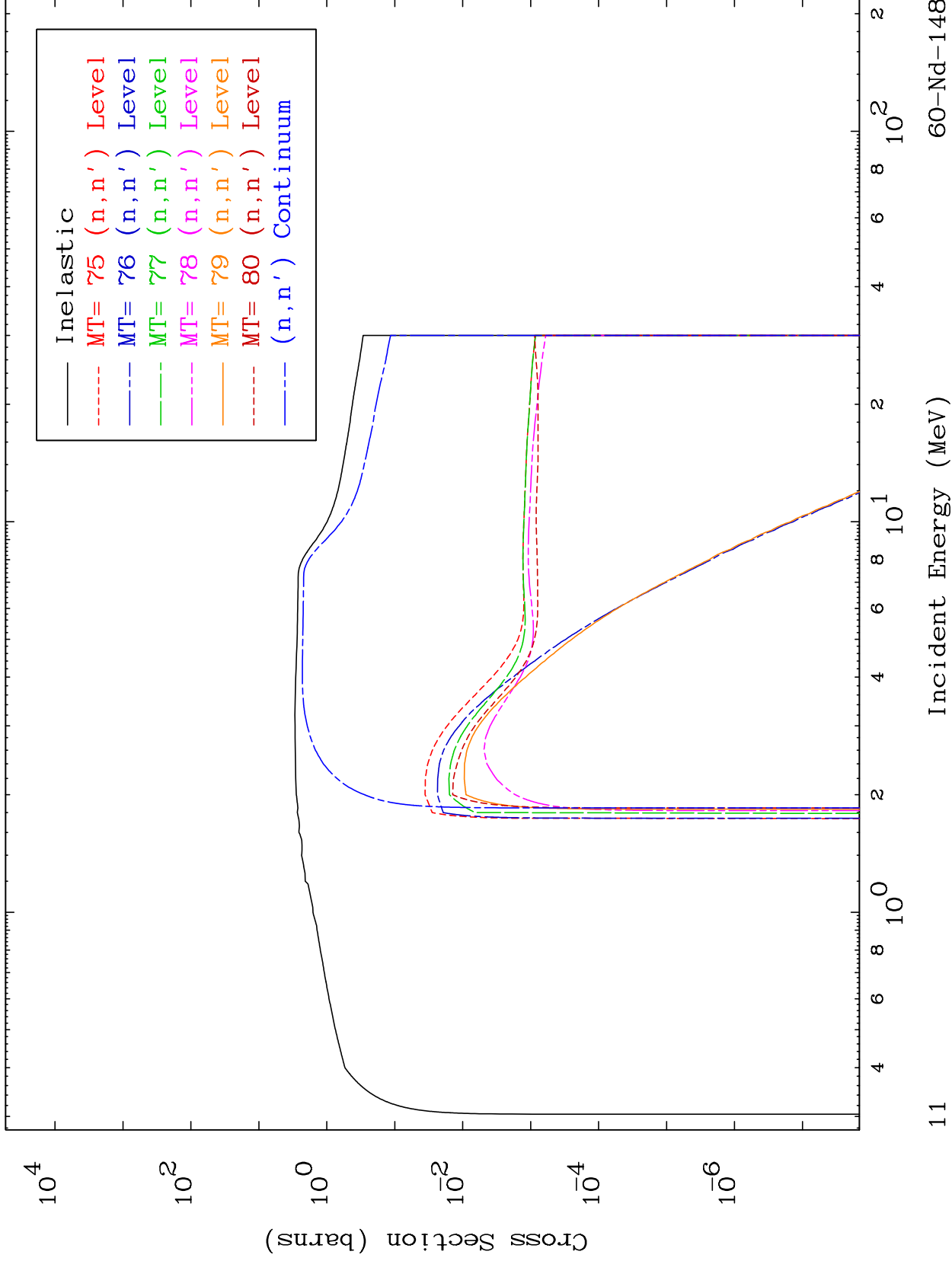
60-Nd-148

MAT 6043

(n,n') Levels

60-Nd-148

293 Kelvin Cross Sections



11

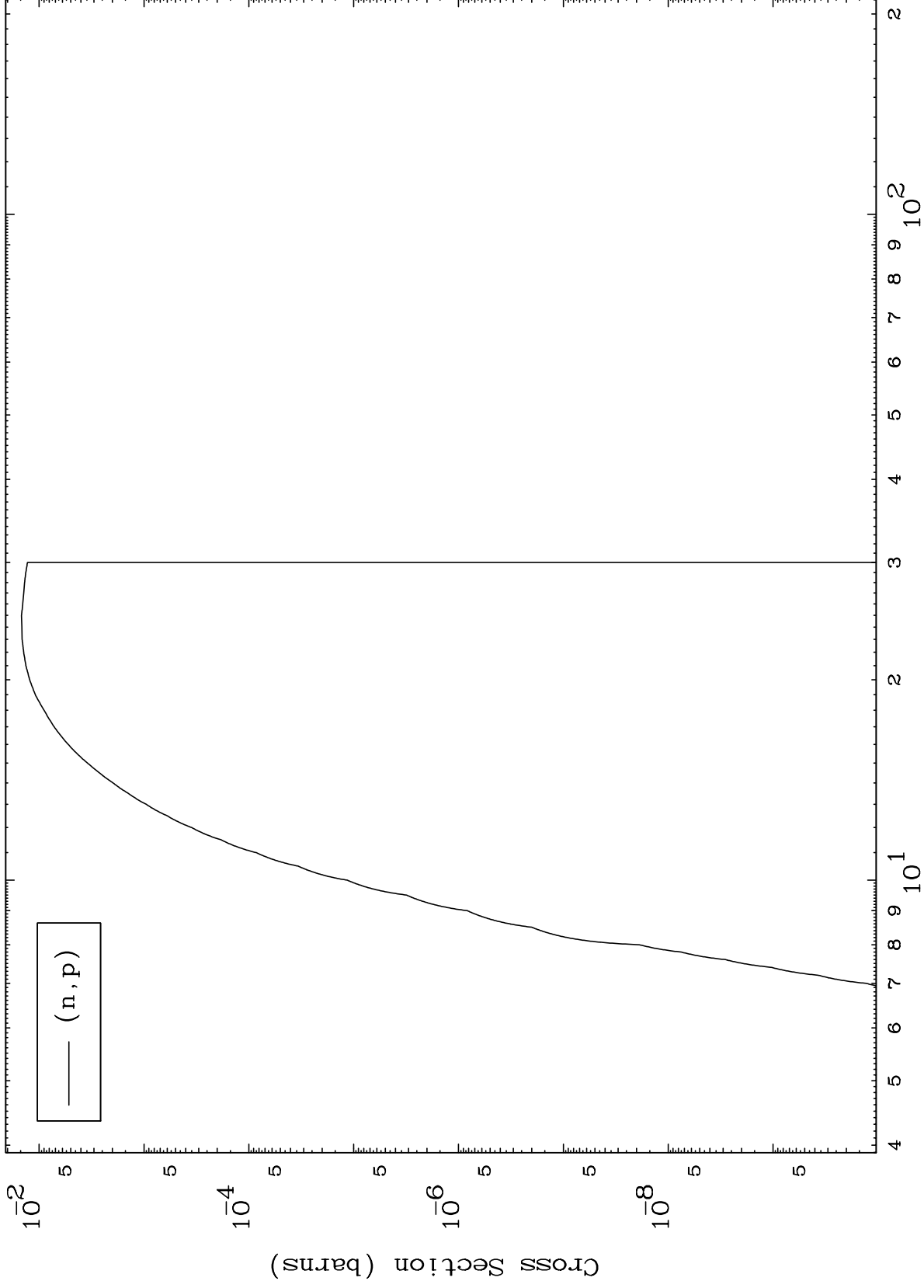
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,p) Levels  
293 Kelvin Cross Sections

60-Nd-148



12

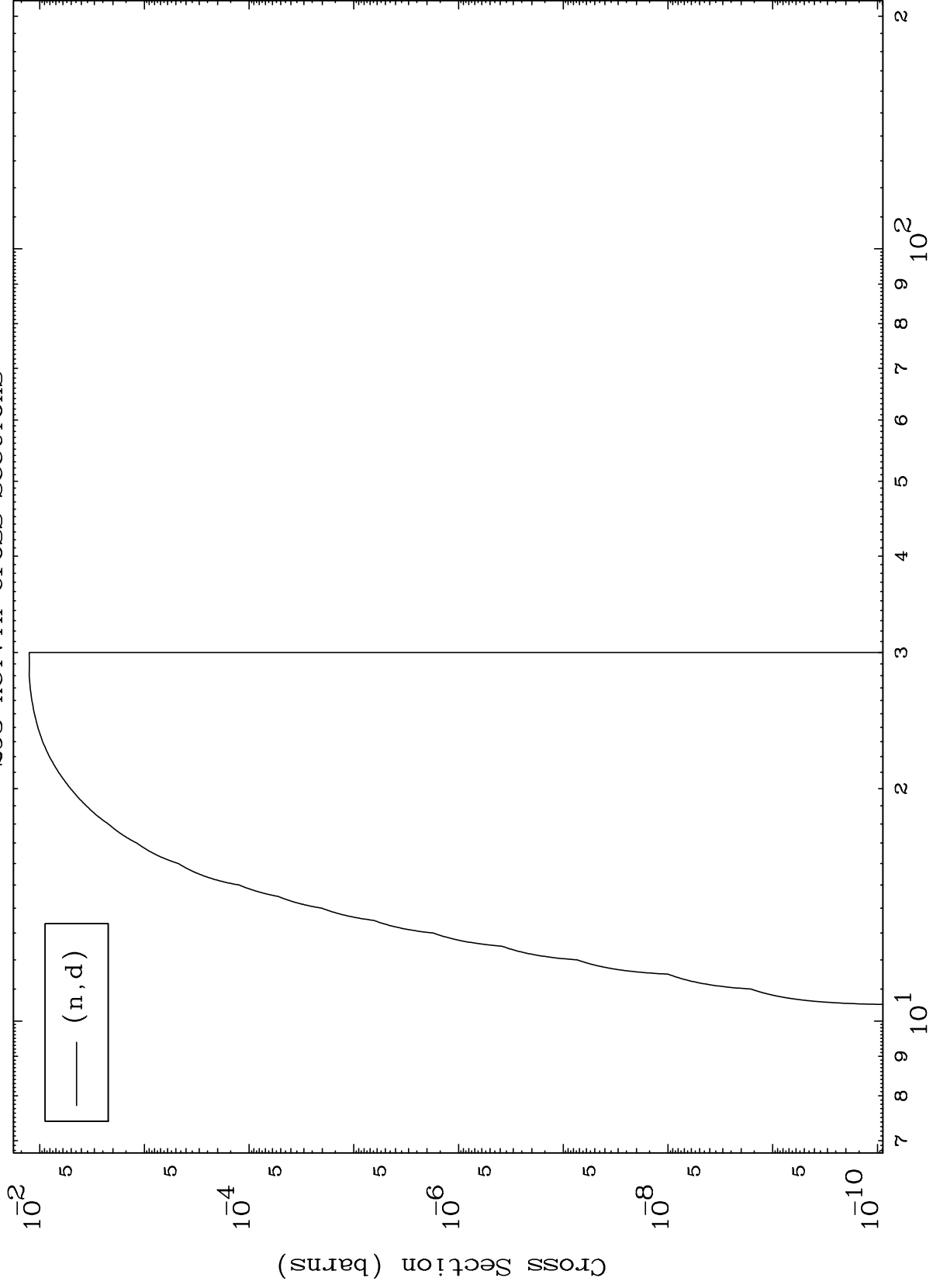
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,d) Levels  
293 Kelvin Cross Sections

60-Nd-148



13

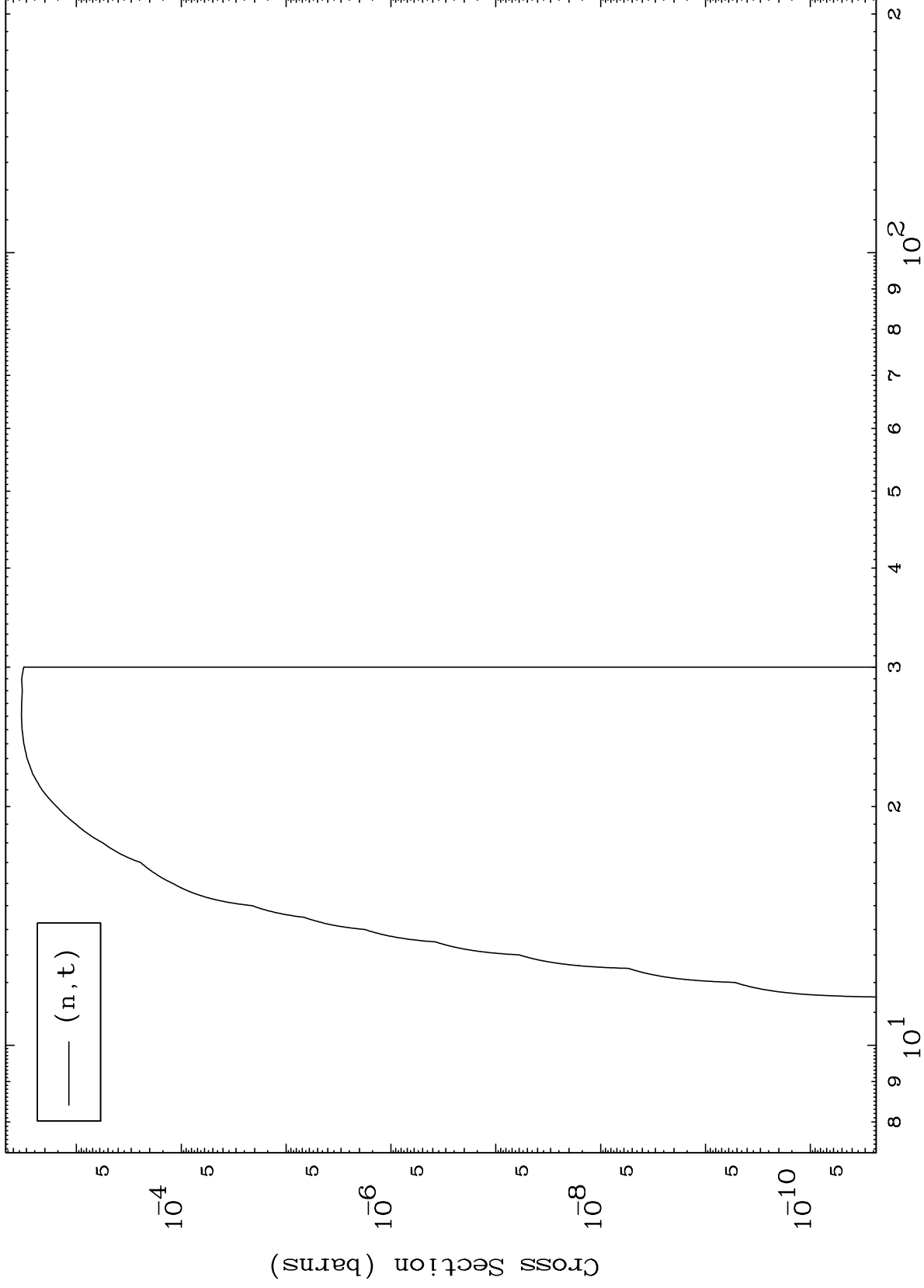
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,t) Levels  
293 Kelvin Cross Sections

60-Nd-148



14

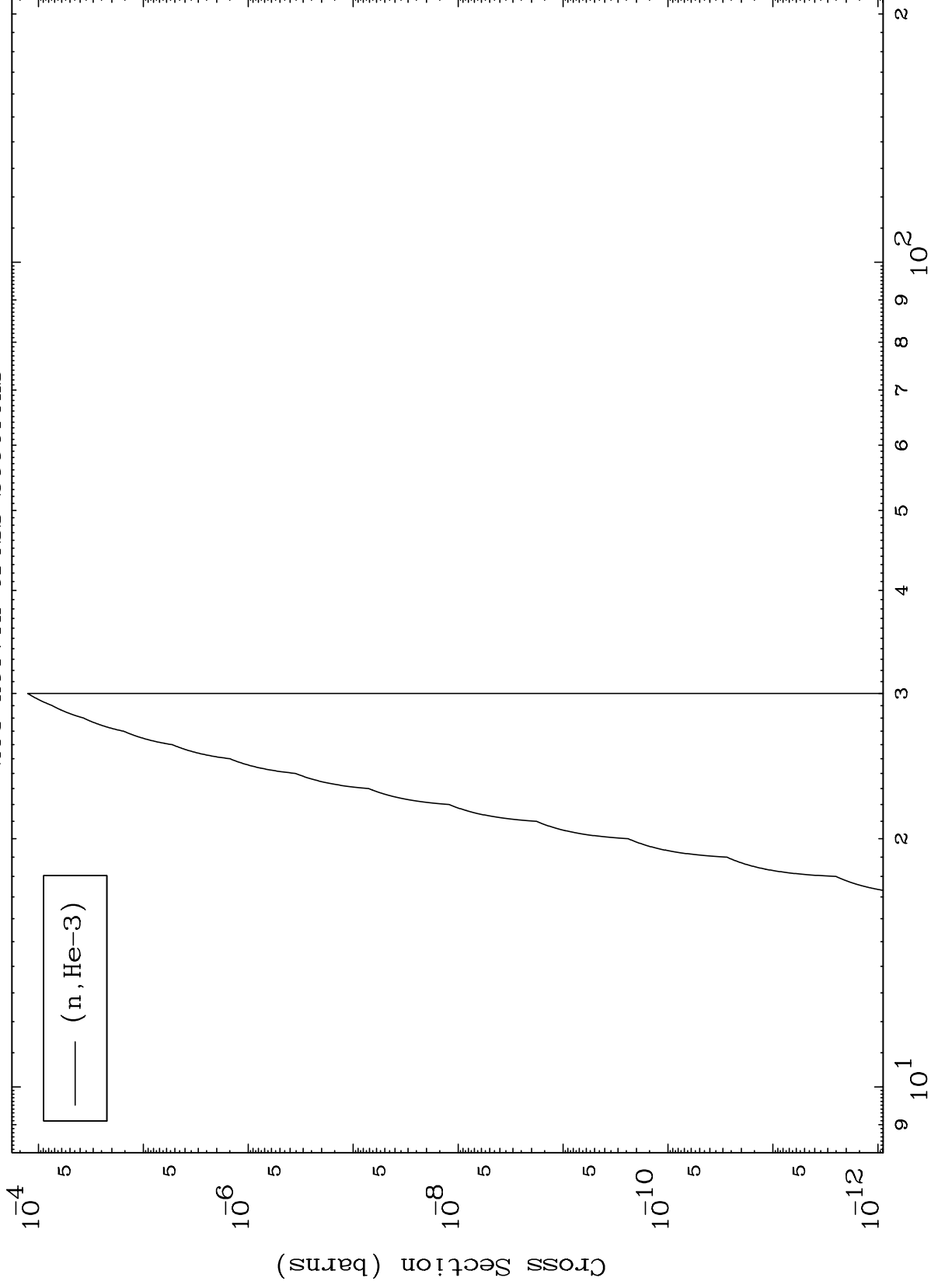
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,He3) Levels  
293 Kelvin Cross Sections

60-Nd-148



15

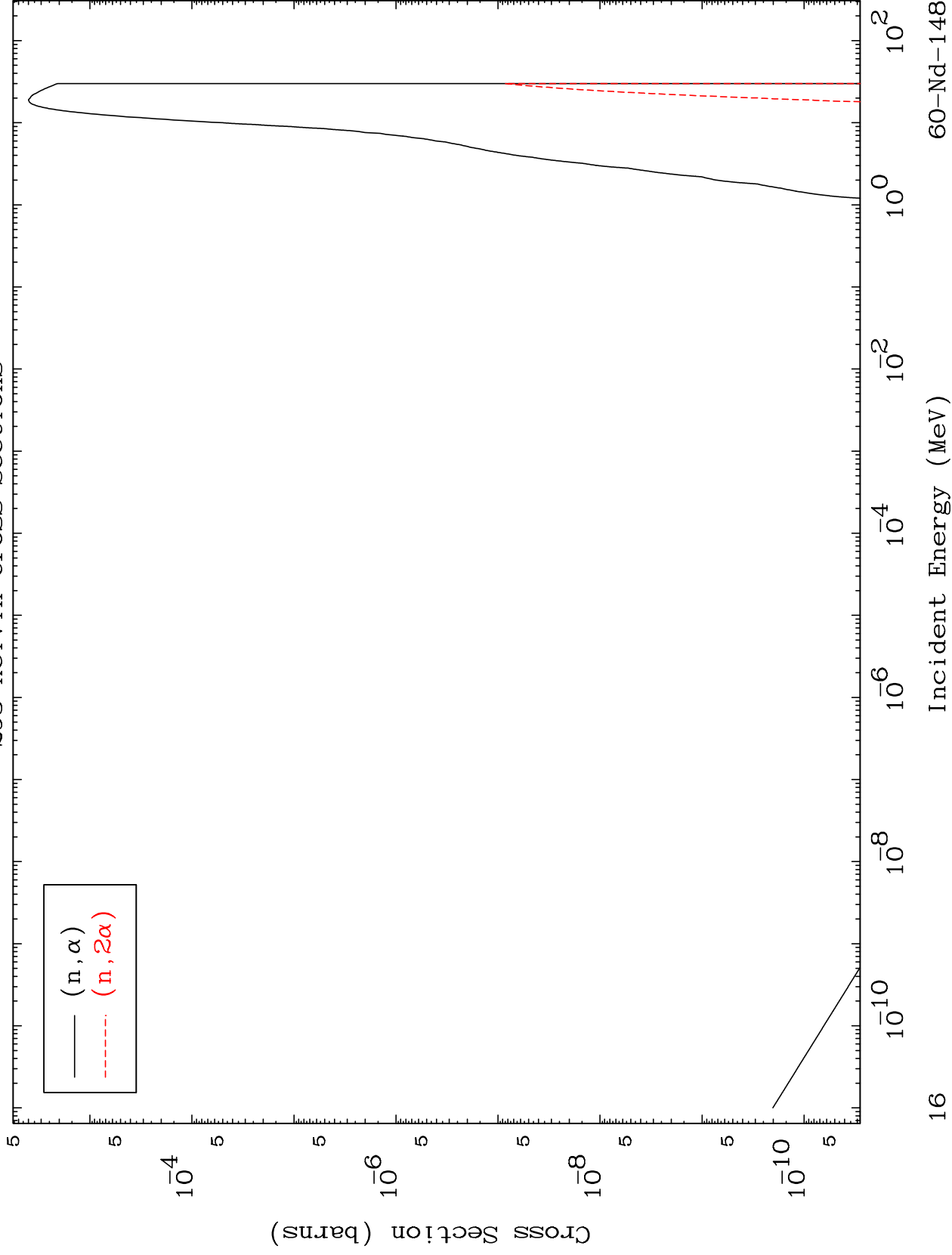
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

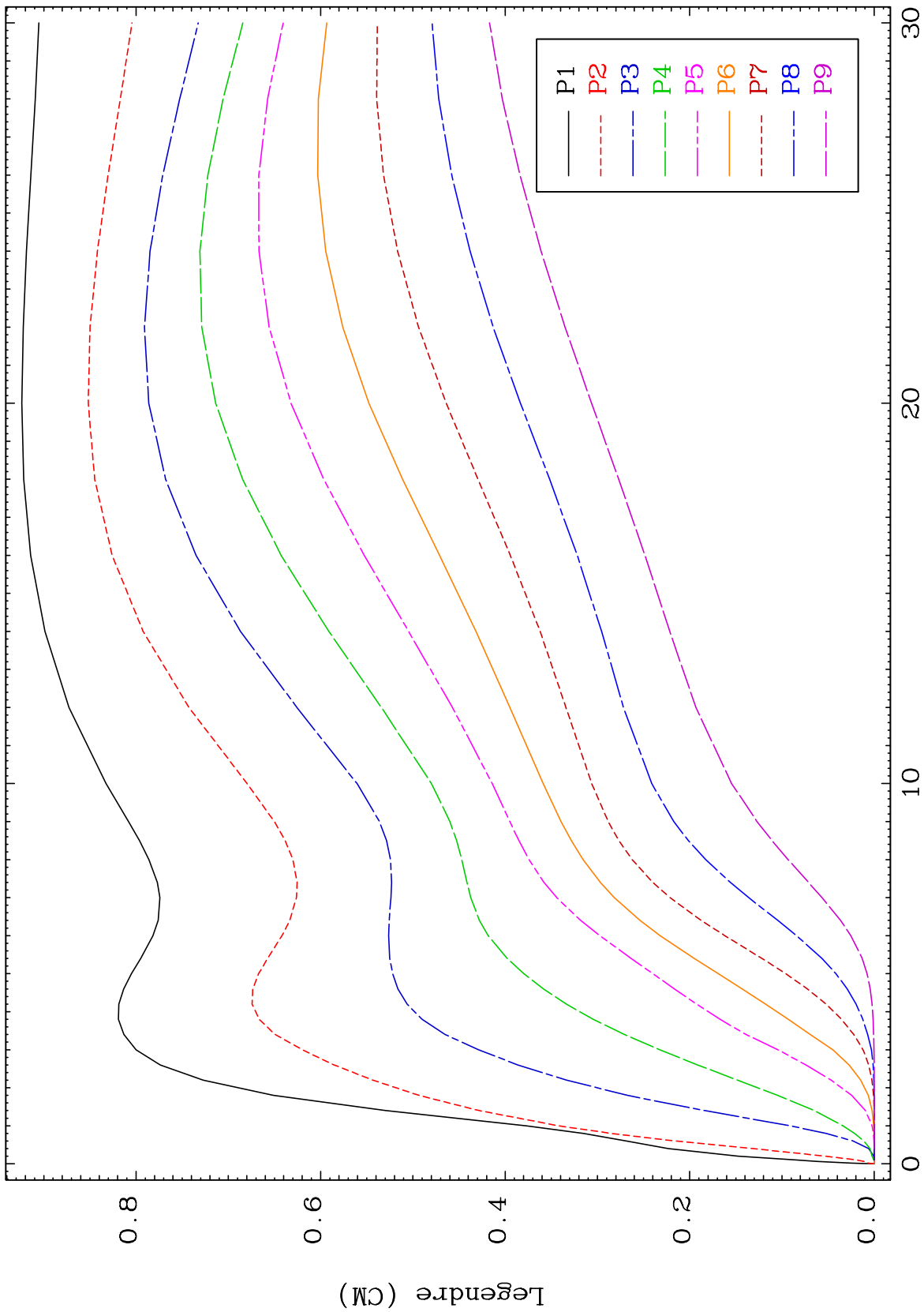
60-Nd-148



MAT 6043

60-Nd-148

Elastic Legendre Coefficients



17

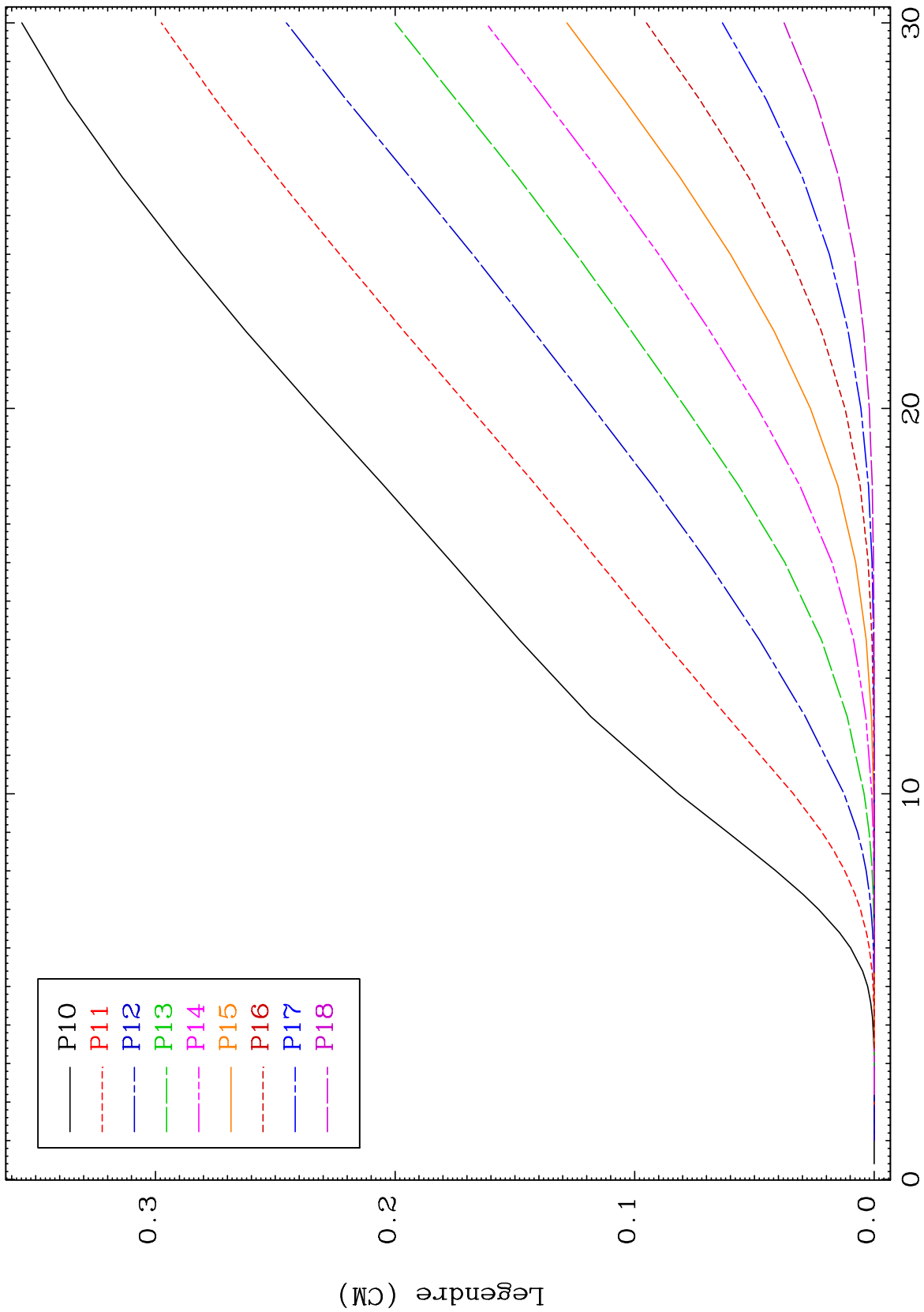
Incident Energy (MeV)

60-Nd-148

MAT 6043

Elastic Legendre Coefficients

60-Nd-148



18

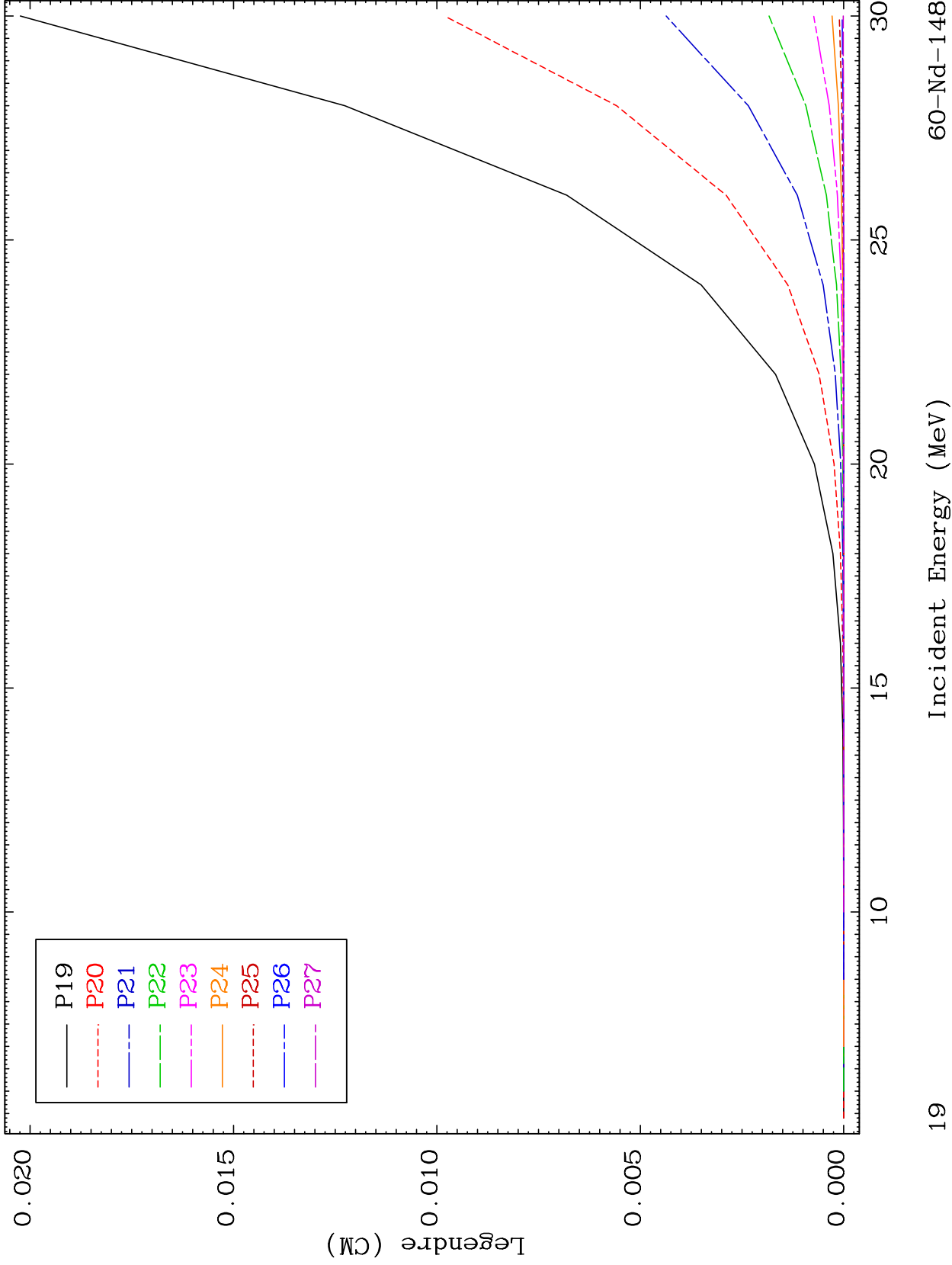
Incident Energy (MeV)

60-Nd-148

MAT 6043

### Elastic Legendre Coefficients

<sup>60</sup>Nd-148



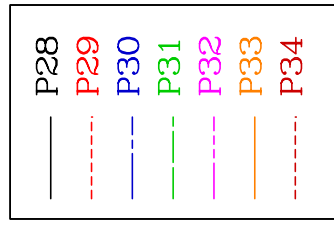
19

<sup>60</sup>Nd-148

MAT 6043

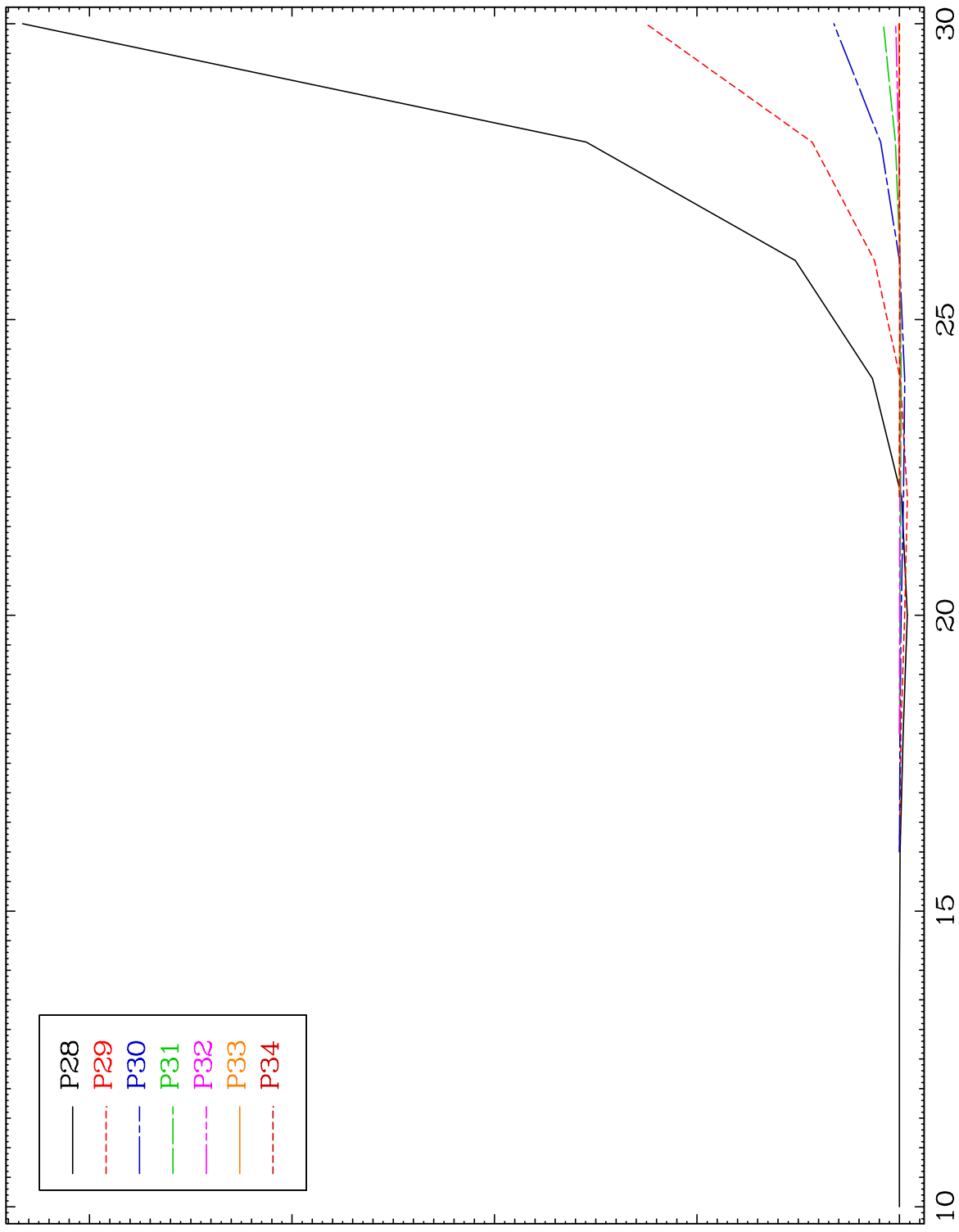
Elastic  
Legendre Coefficients

60-Nd-148



$\times 10^{-6}$

Legendre (CM)



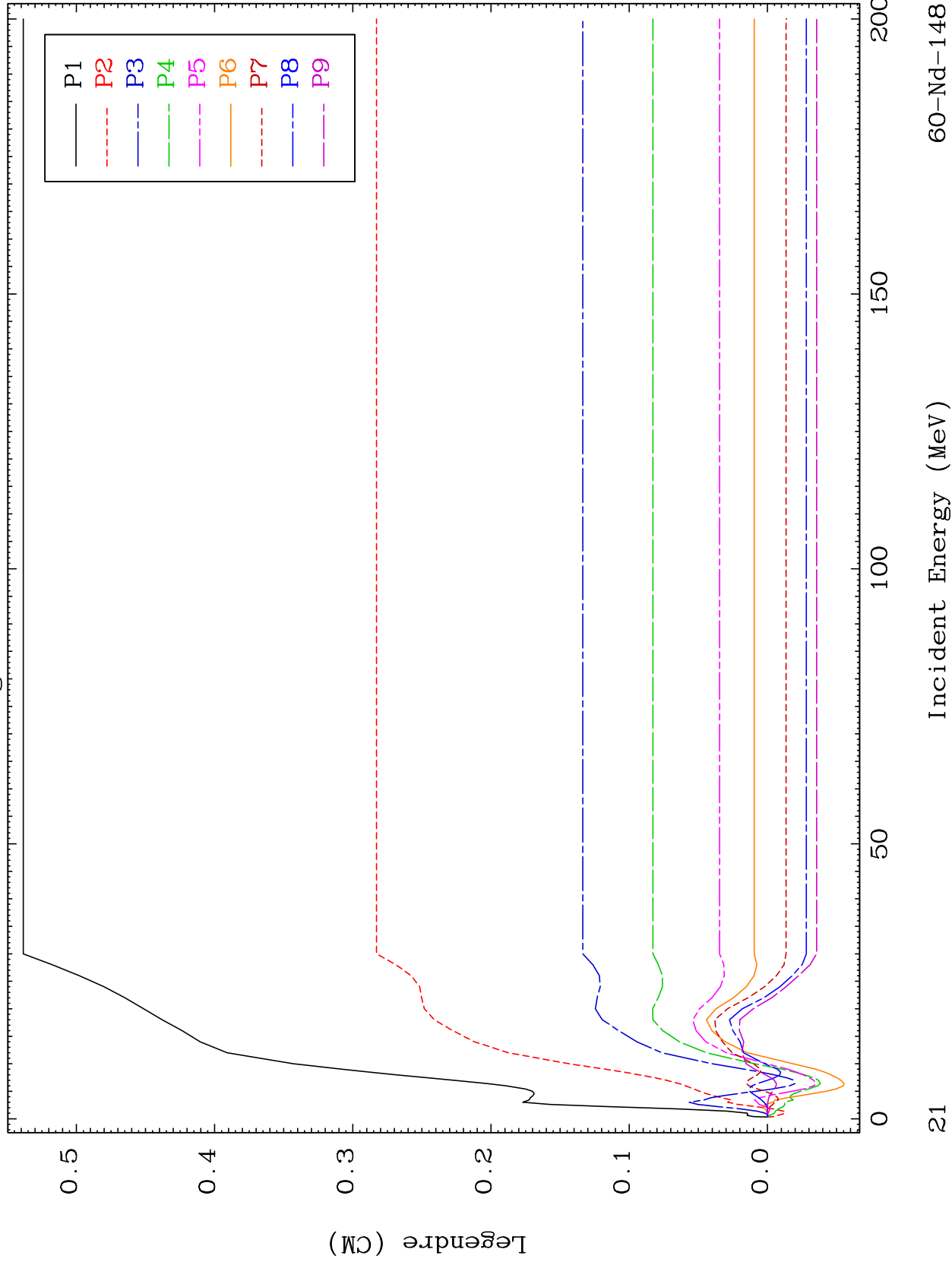
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

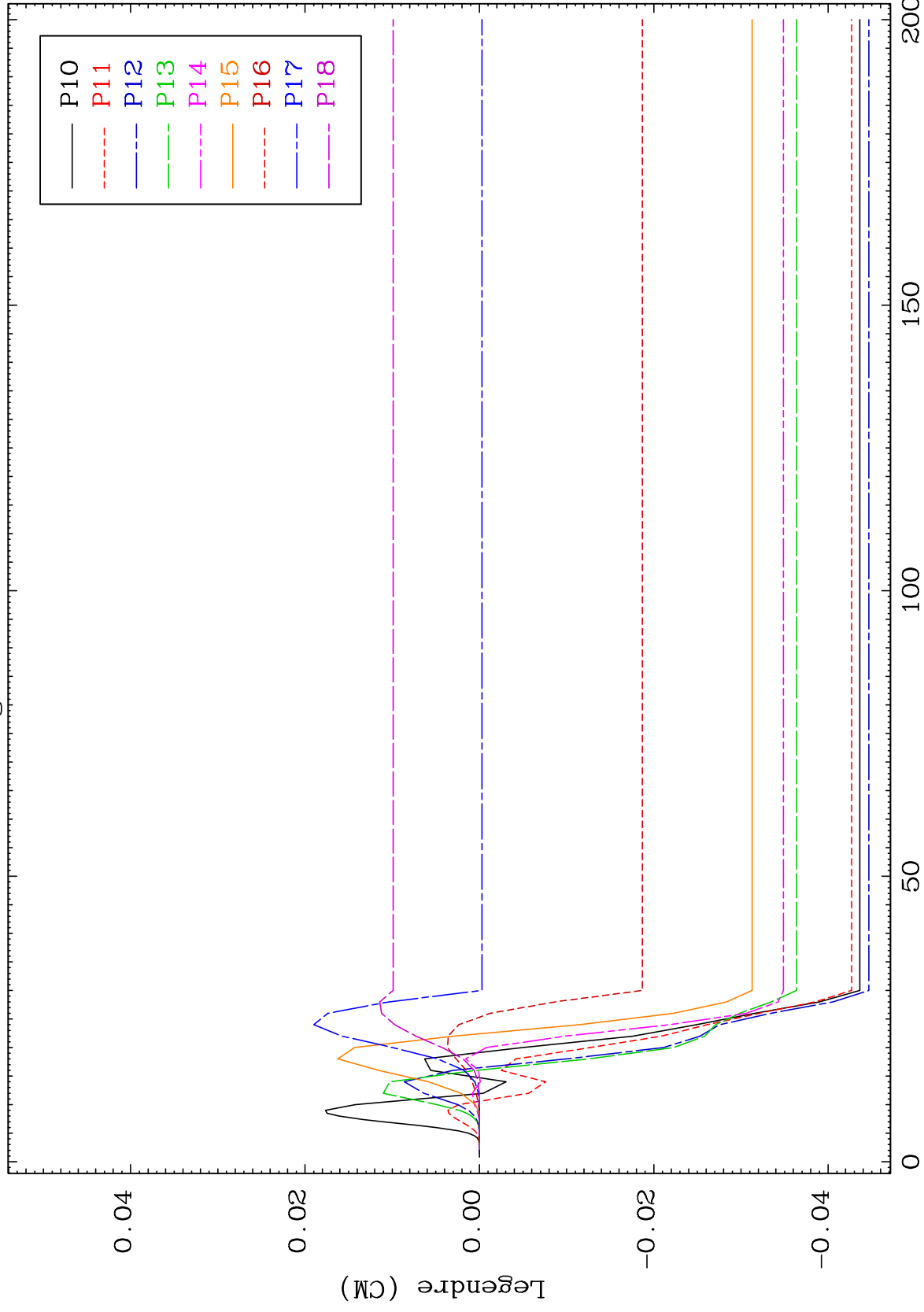
60-Nd-148



MAT 6043

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

60-Nd-148



22

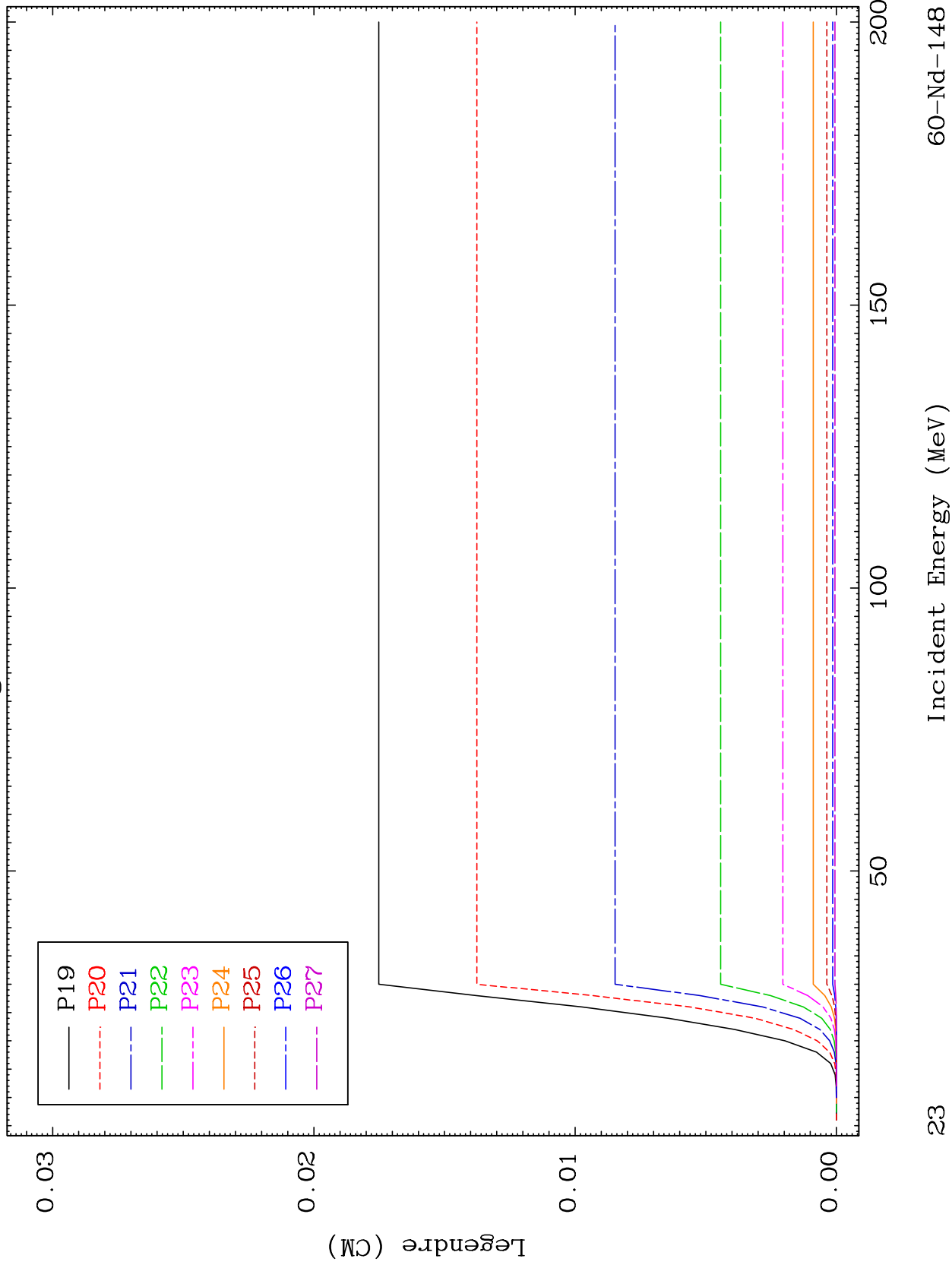
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



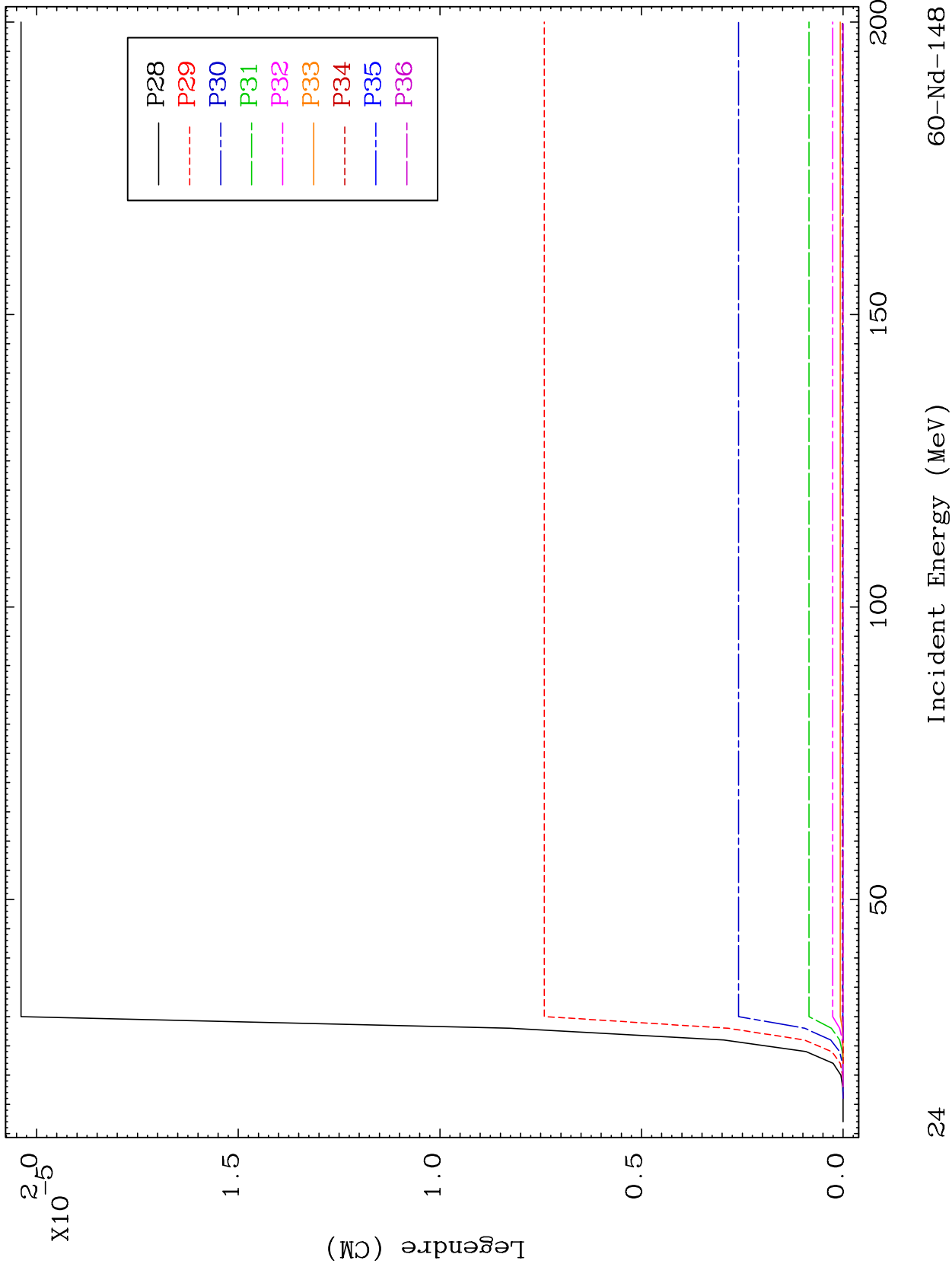
23

60-Nd-148

MAT 6043

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

60-Nd-148



24

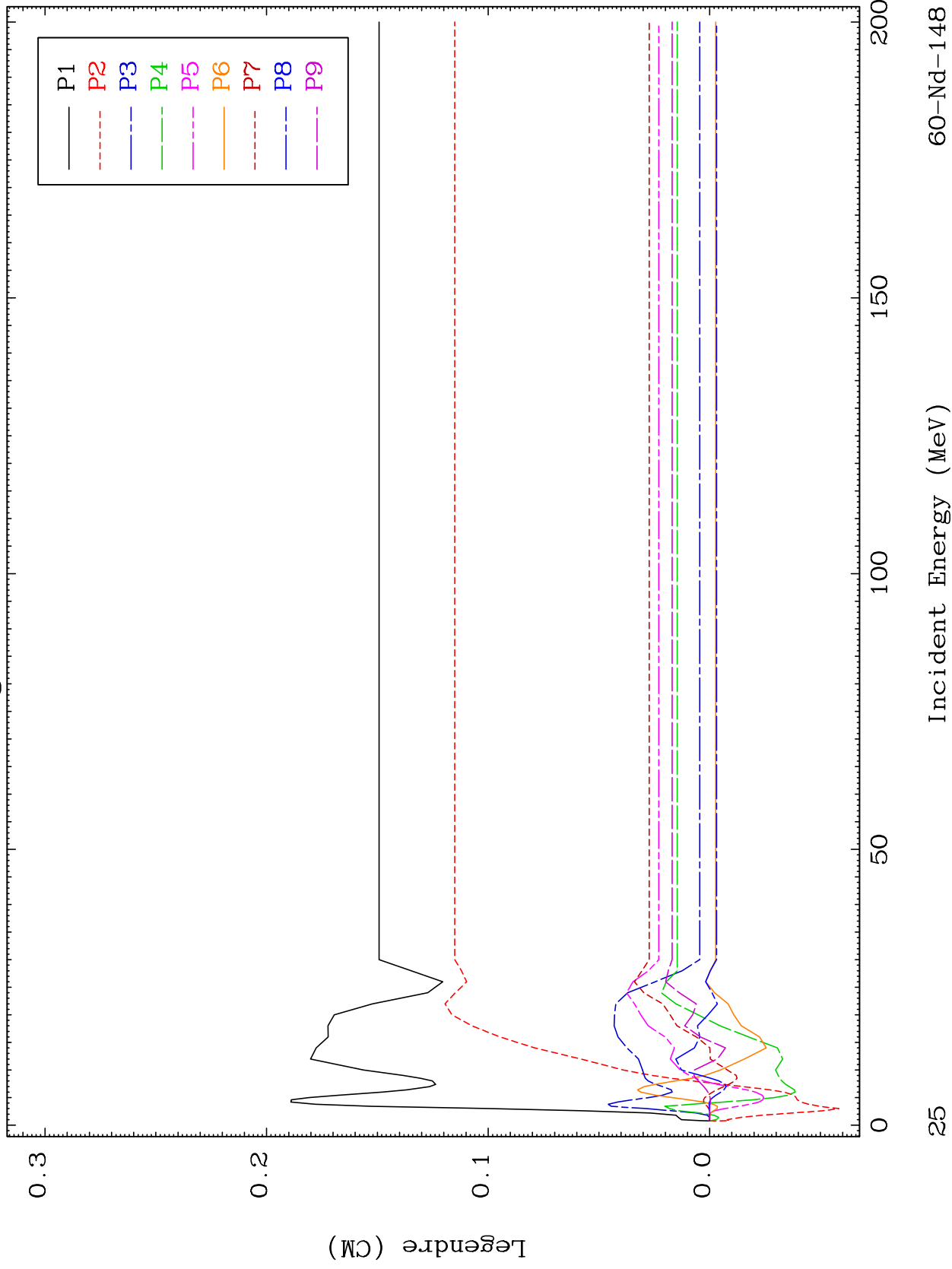
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

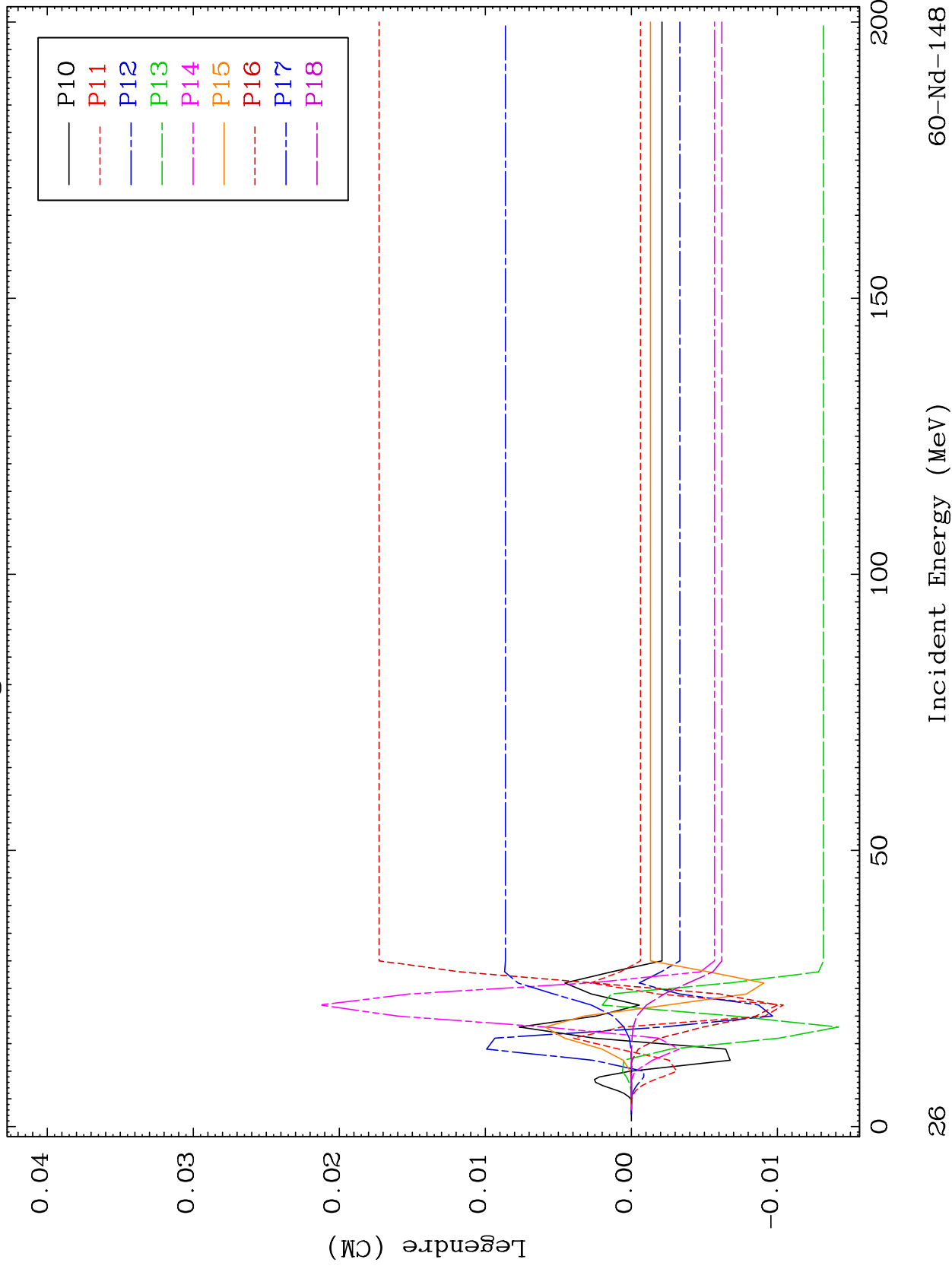
Incident Energy (MeV)

25

MAT 6043

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

60-Nd-148



60-Nd-148

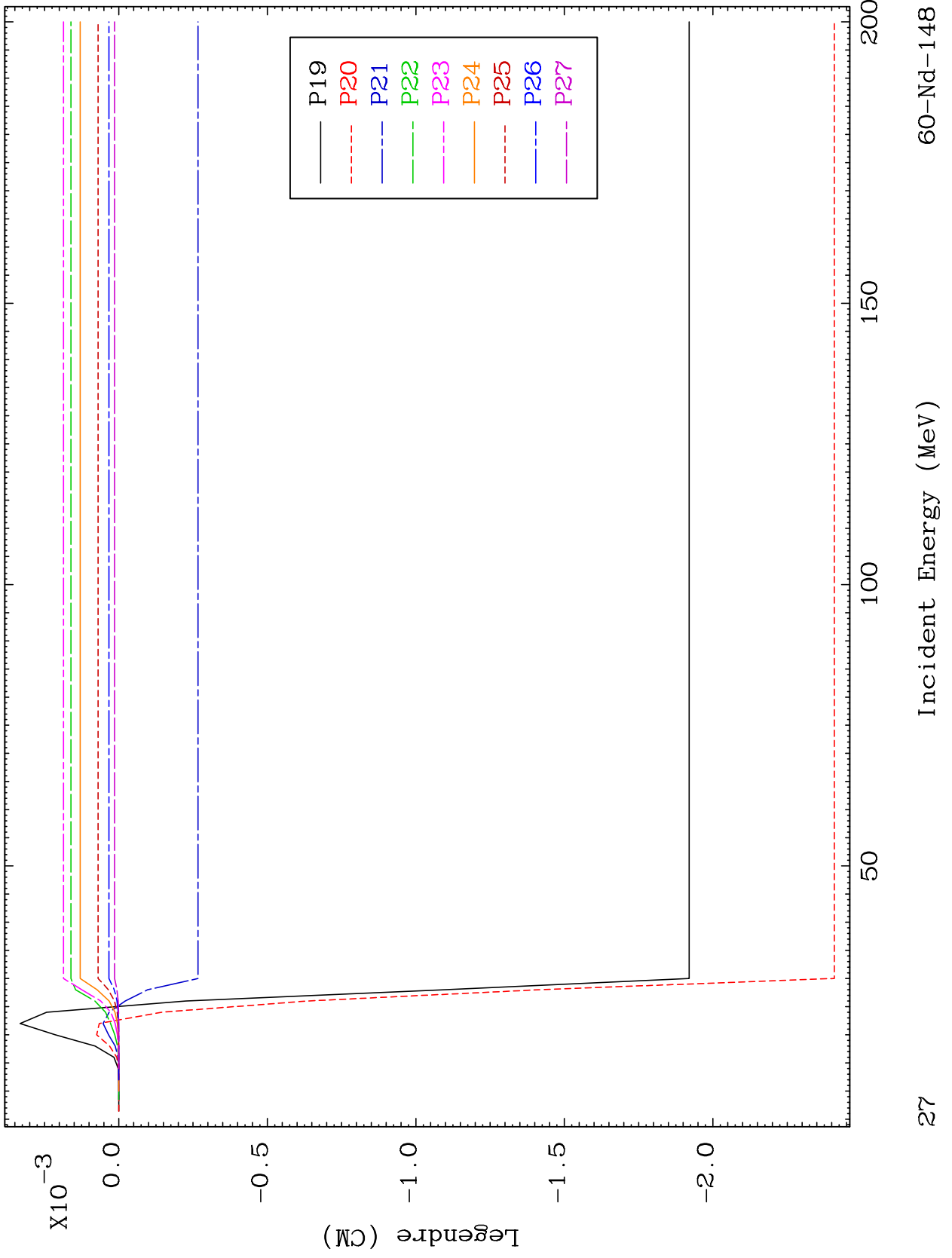
Incident Energy (MeV)

26

MAT 6043

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

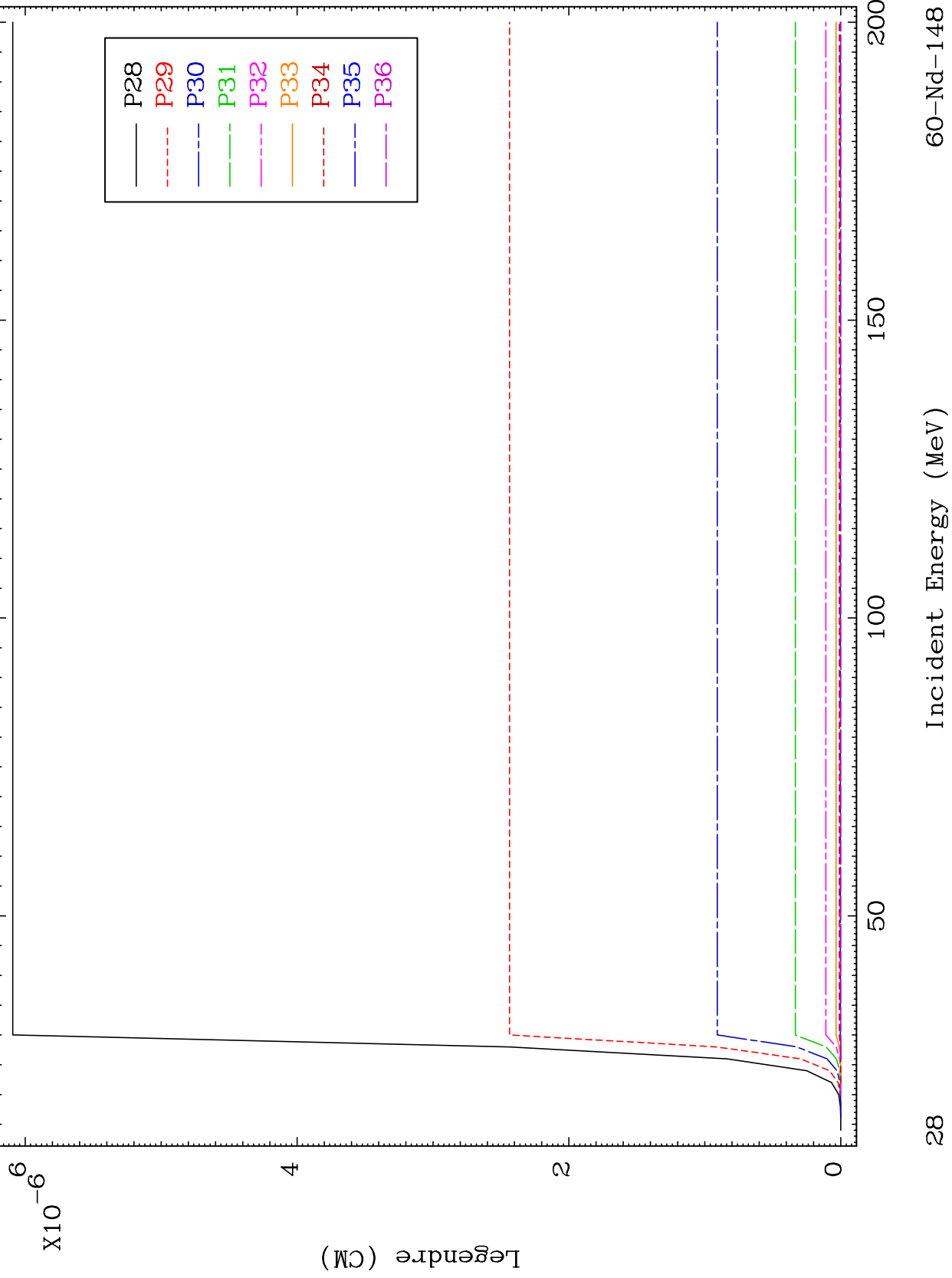
60-Nd-148



MAT 6043

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

60-Nd-148



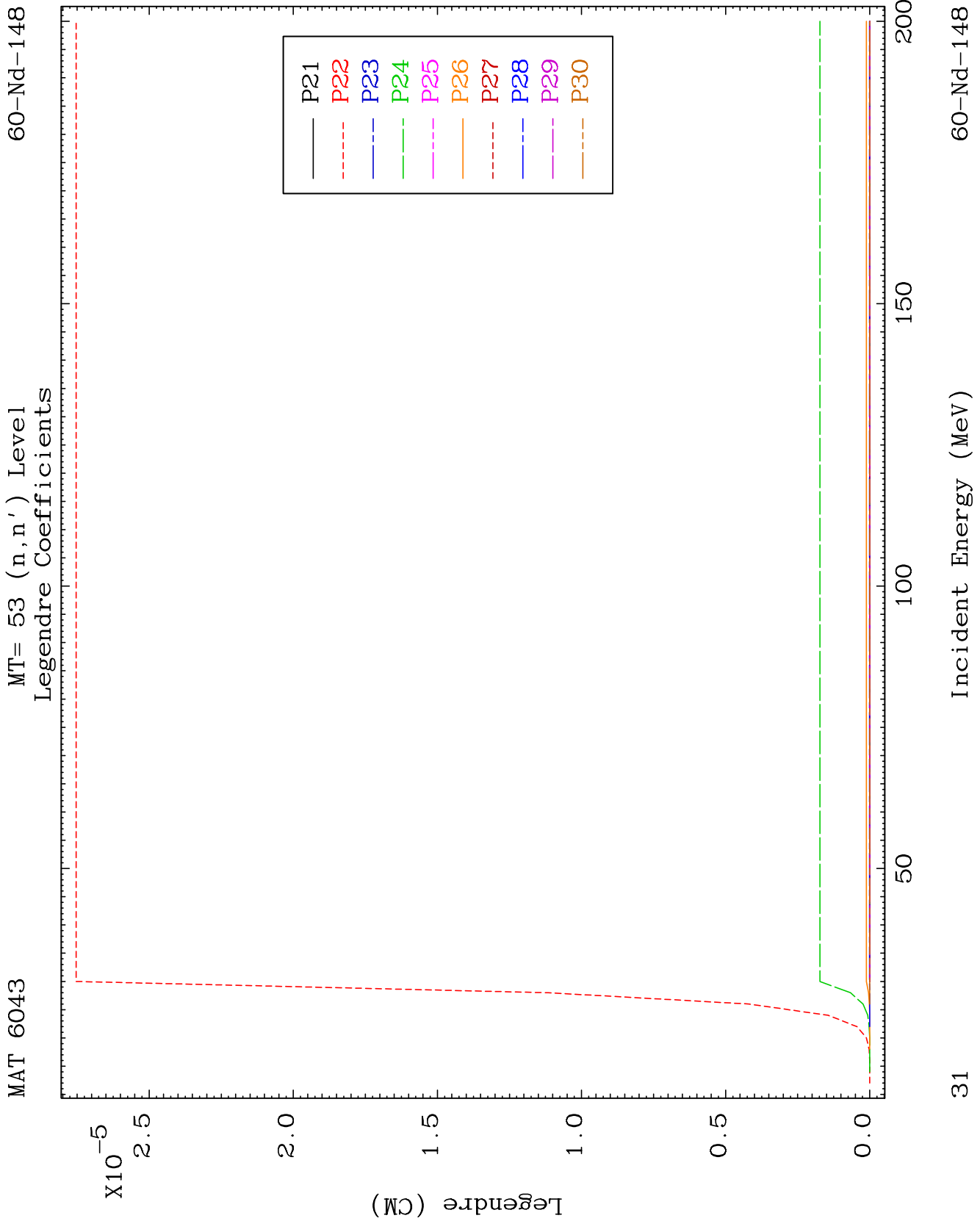
28

Incident Energy (MeV)

60-Nd-148



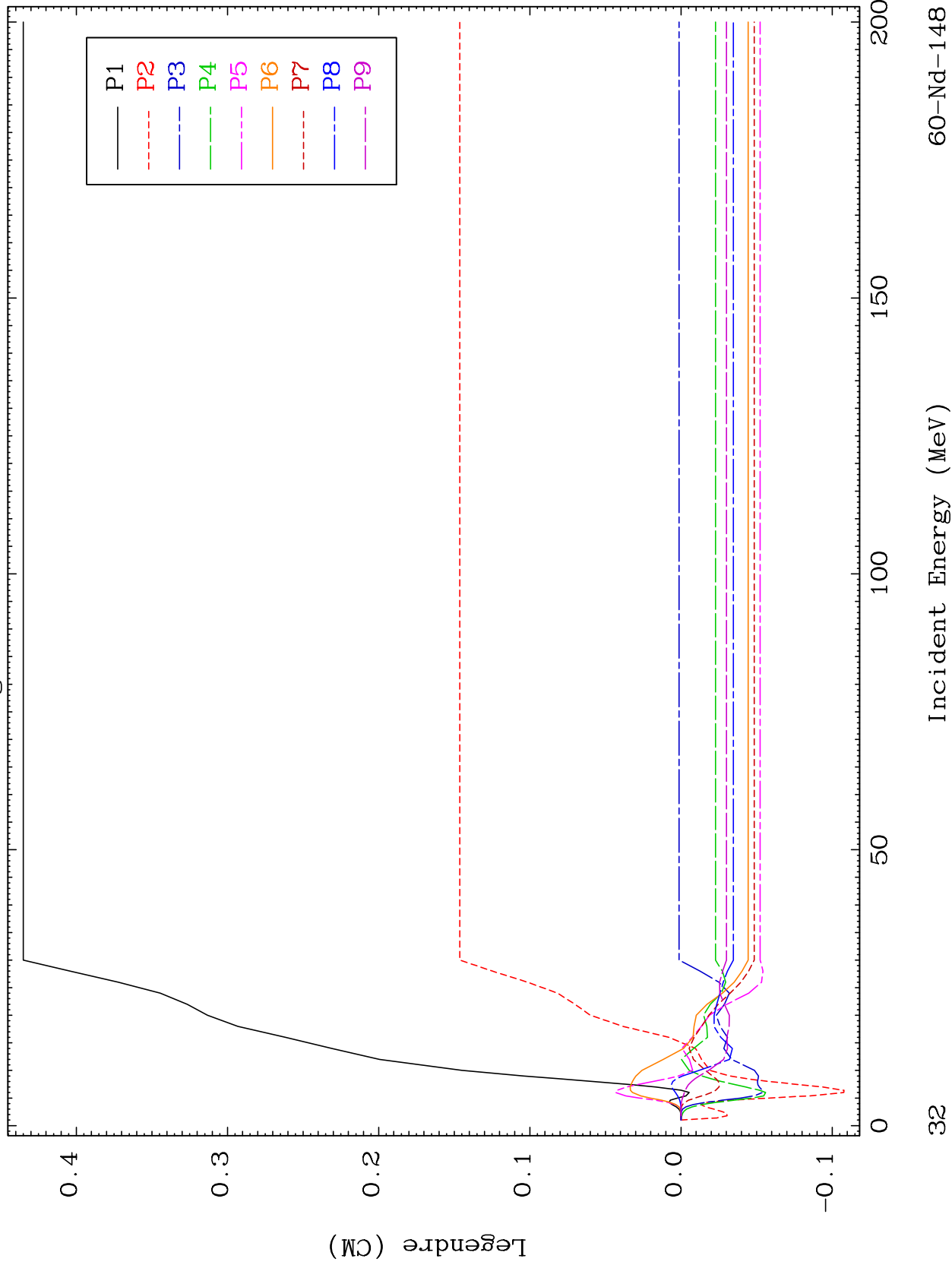




MAT 6043

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

60-Nd-148



60-Nd-148

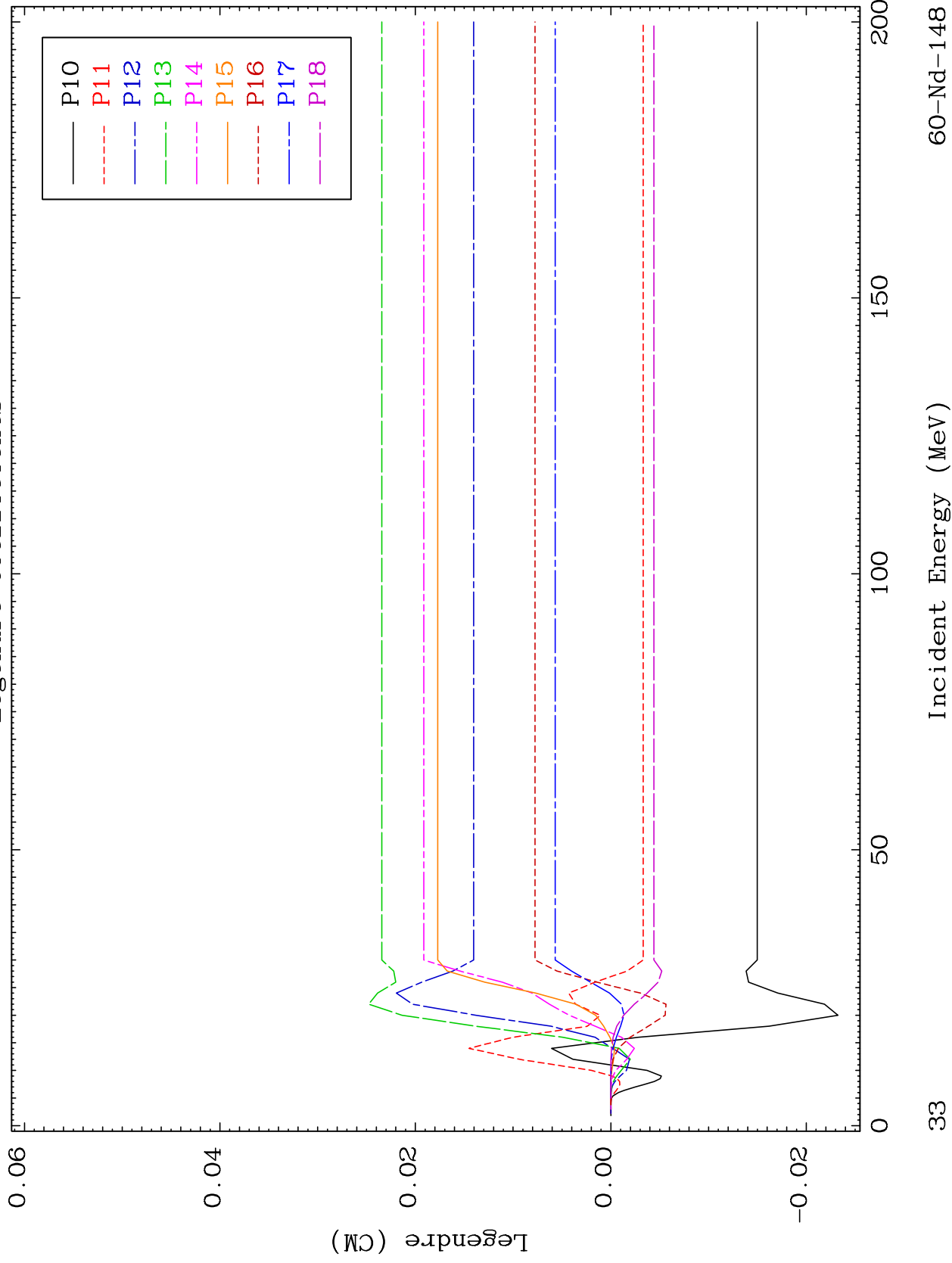
Incident Energy (MeV)

32

MAT 6043

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

60-Nd-148



60-Nd-148

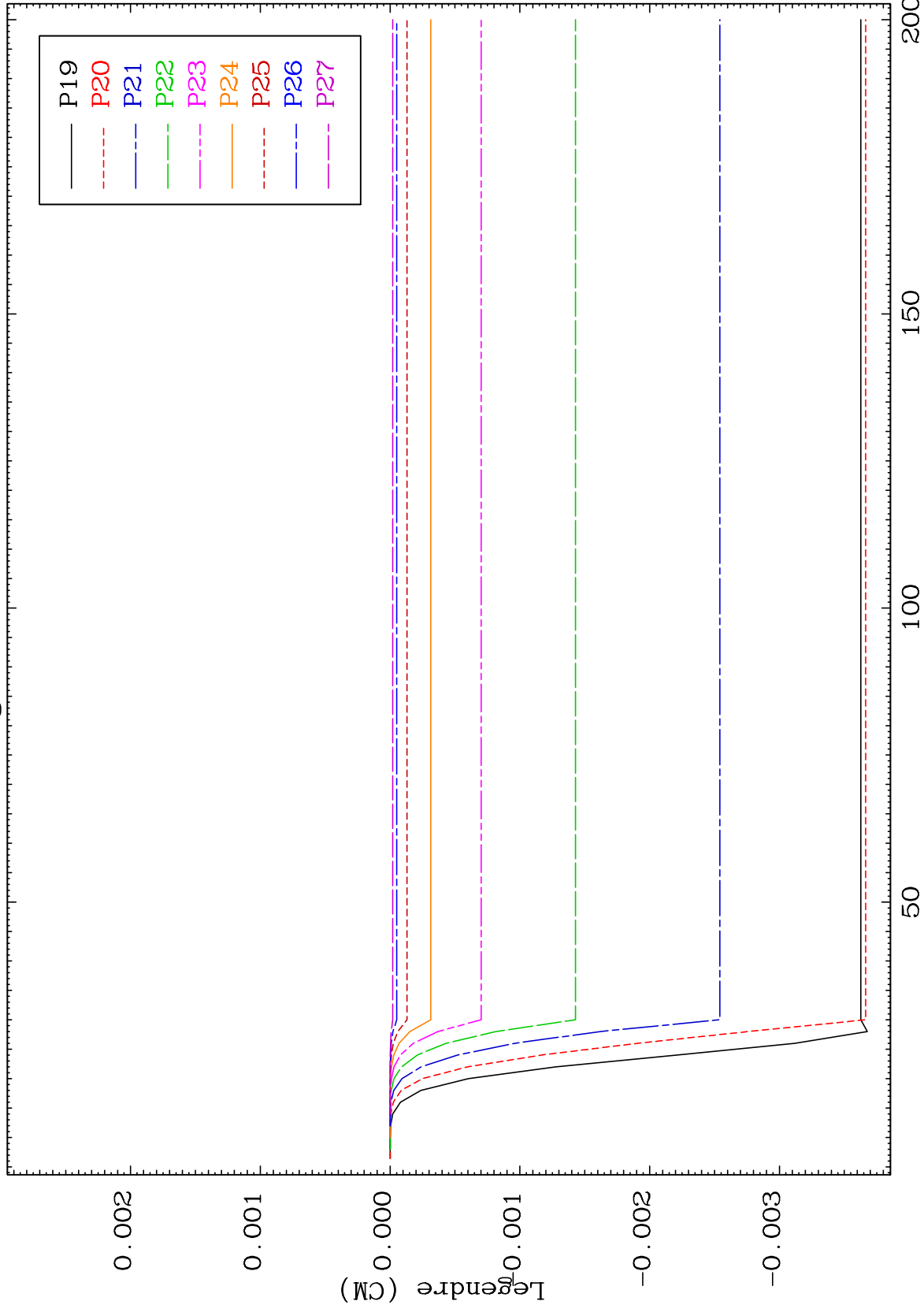
Incident Energy (MeV)

33

MAT 6043

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

60-Nd-148



34

Incident Energy (MeV)

60-Nd-148

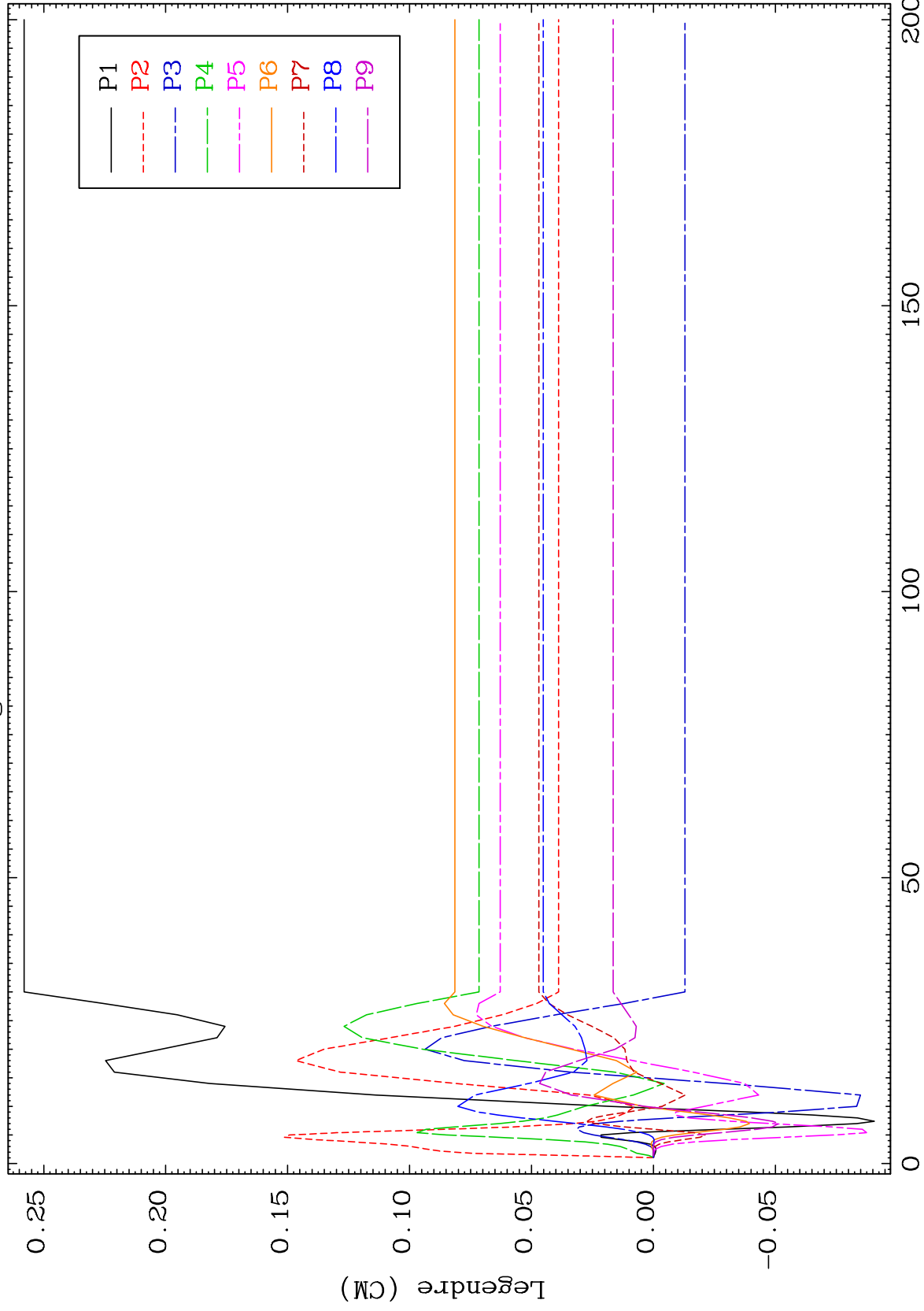


MAT 6043

MT= 55 (n,n') Level

60-Nd-148

Legendre Coefficients



36

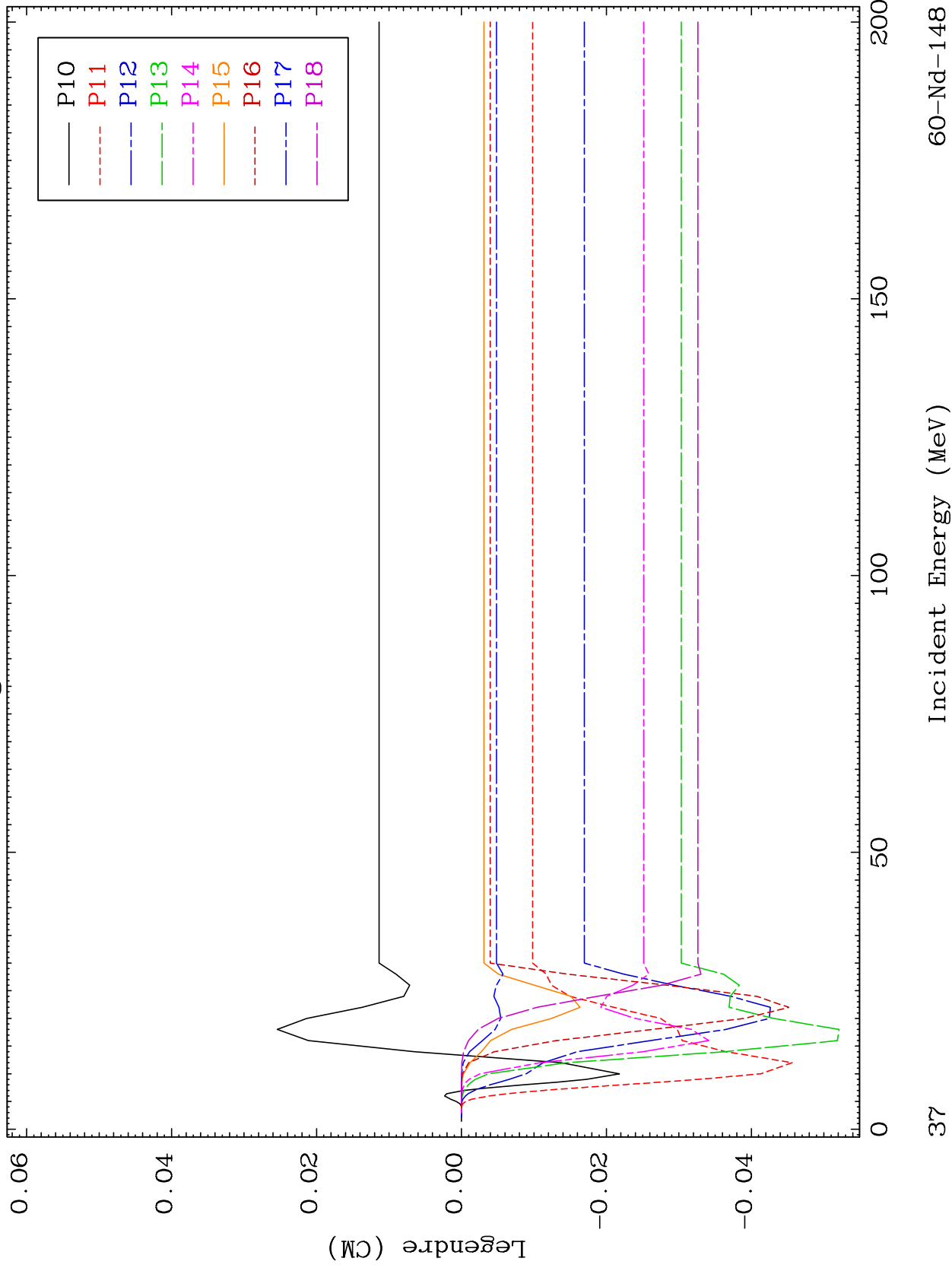
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



37

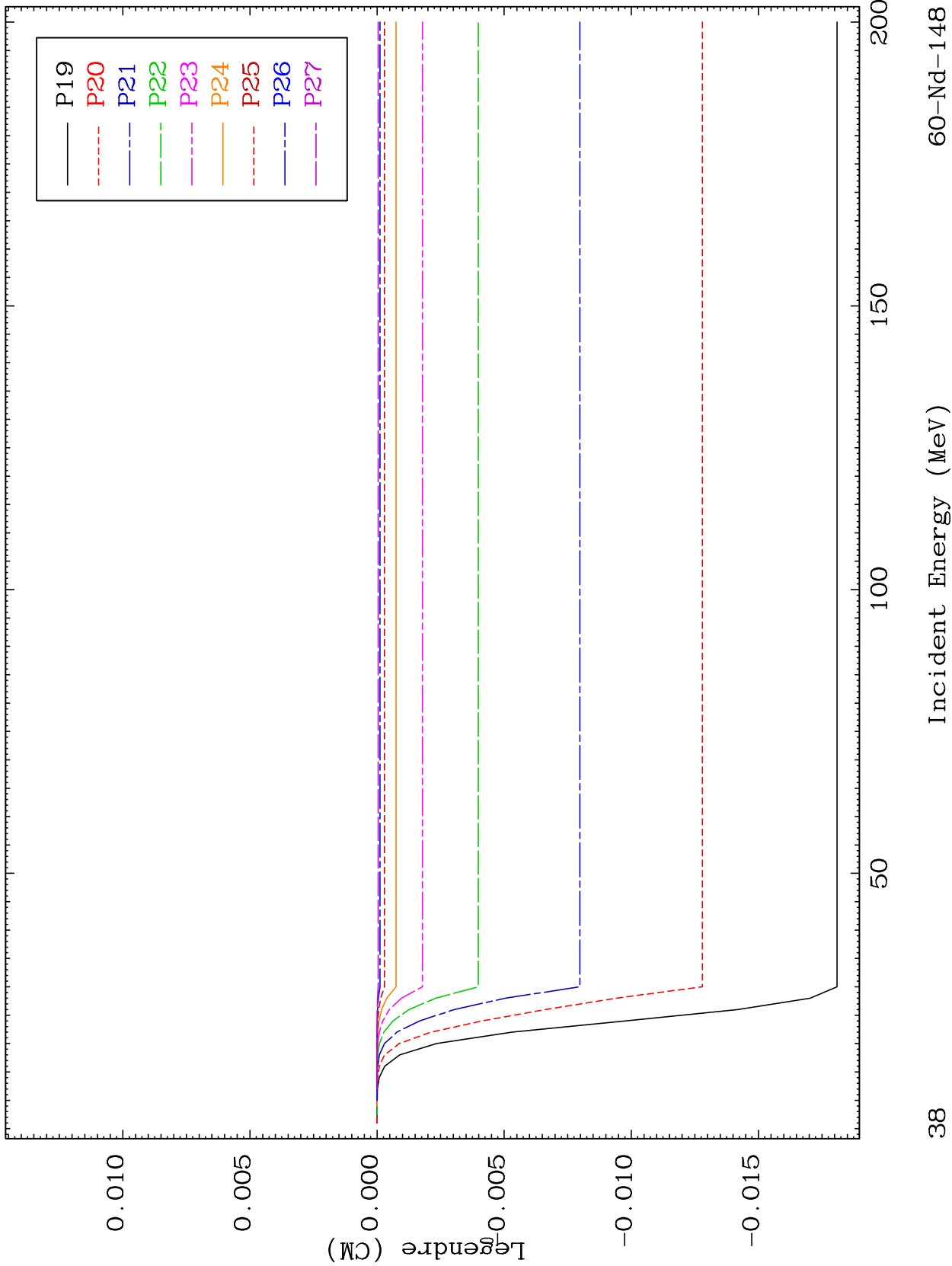
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



38

Incident Energy (MeV)

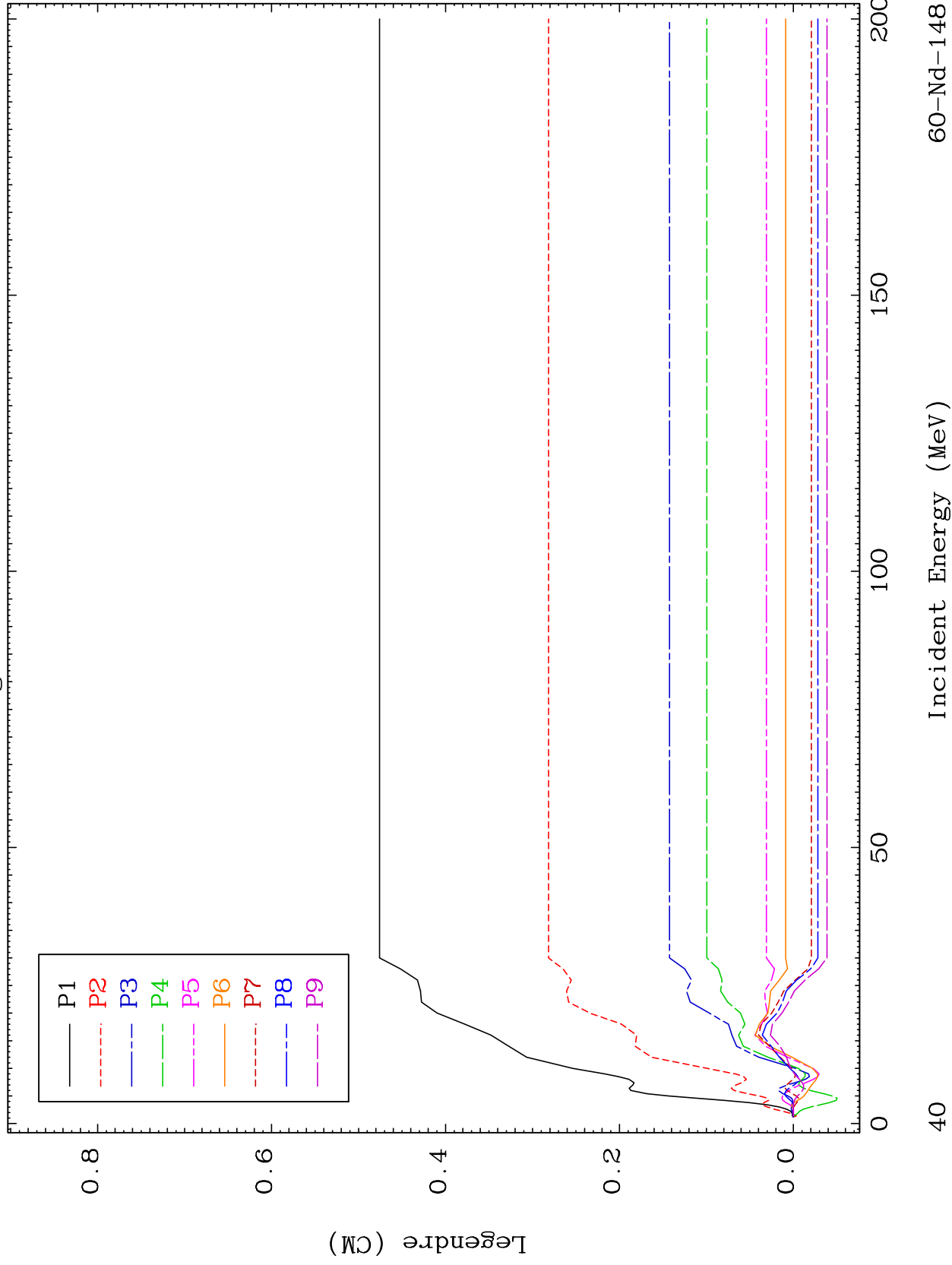
60-Nd-148



MAT 6043

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

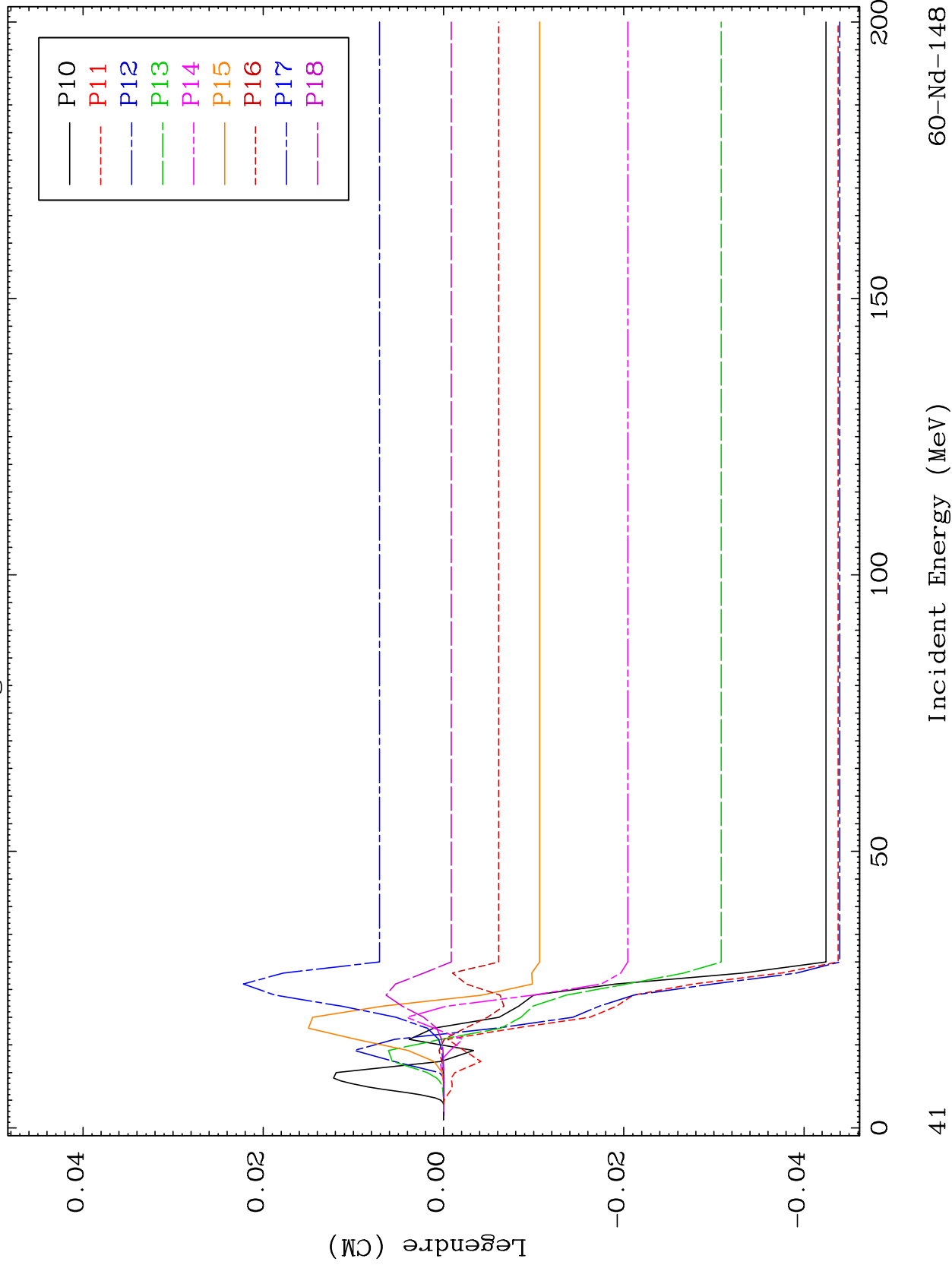
60-Nd-148



MAT 6043

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

60-Nd-148



41

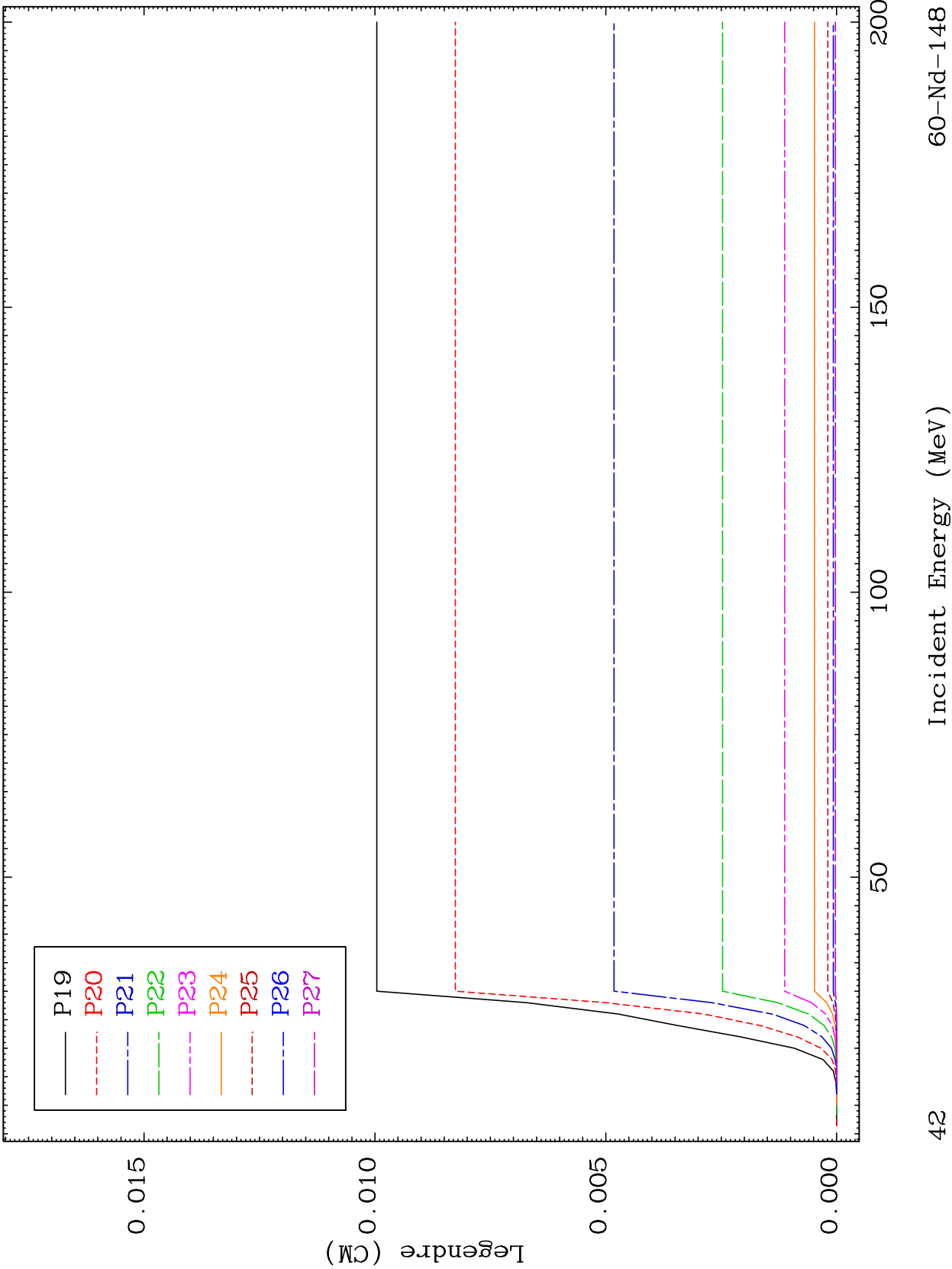
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



42

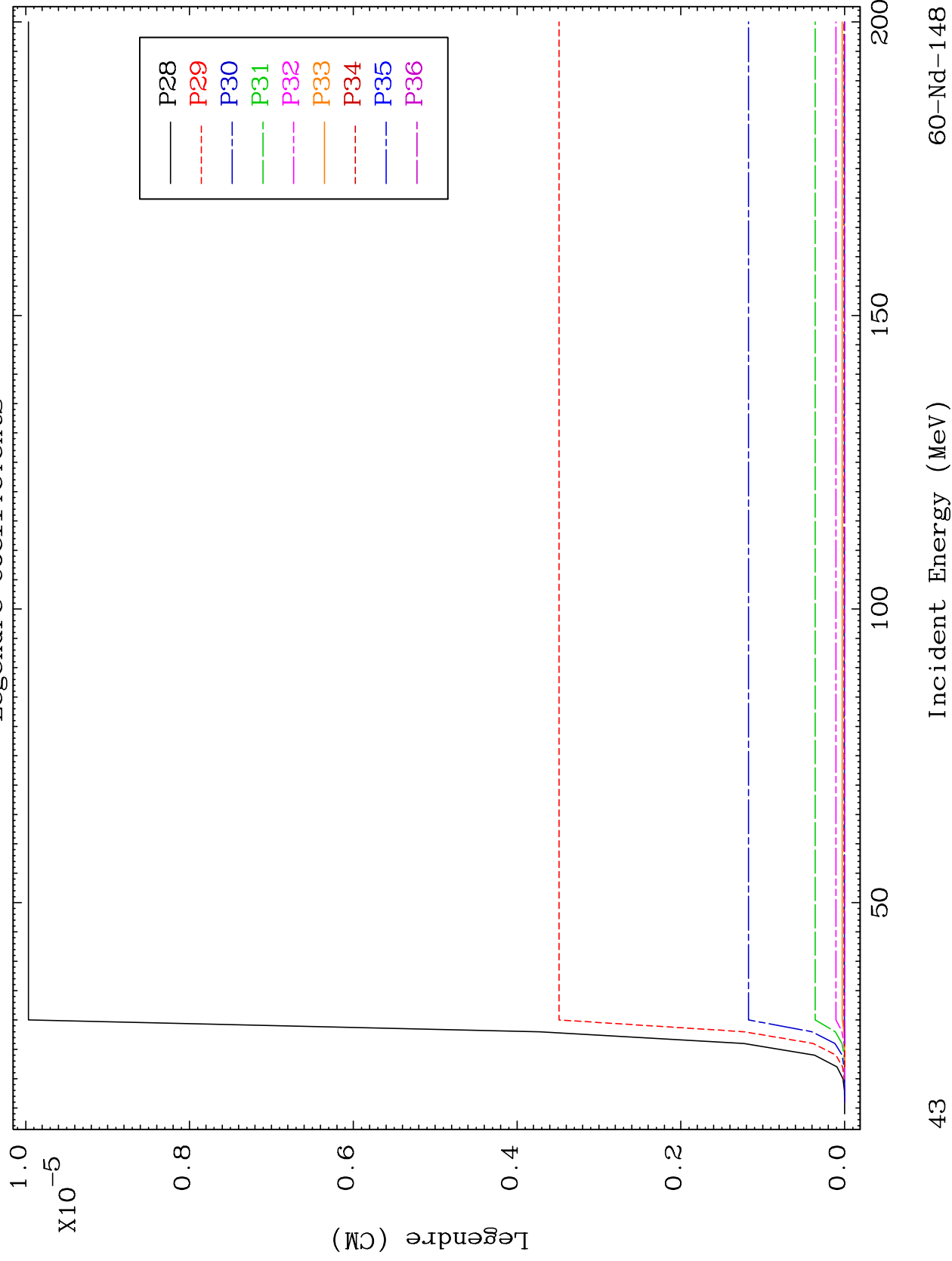
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

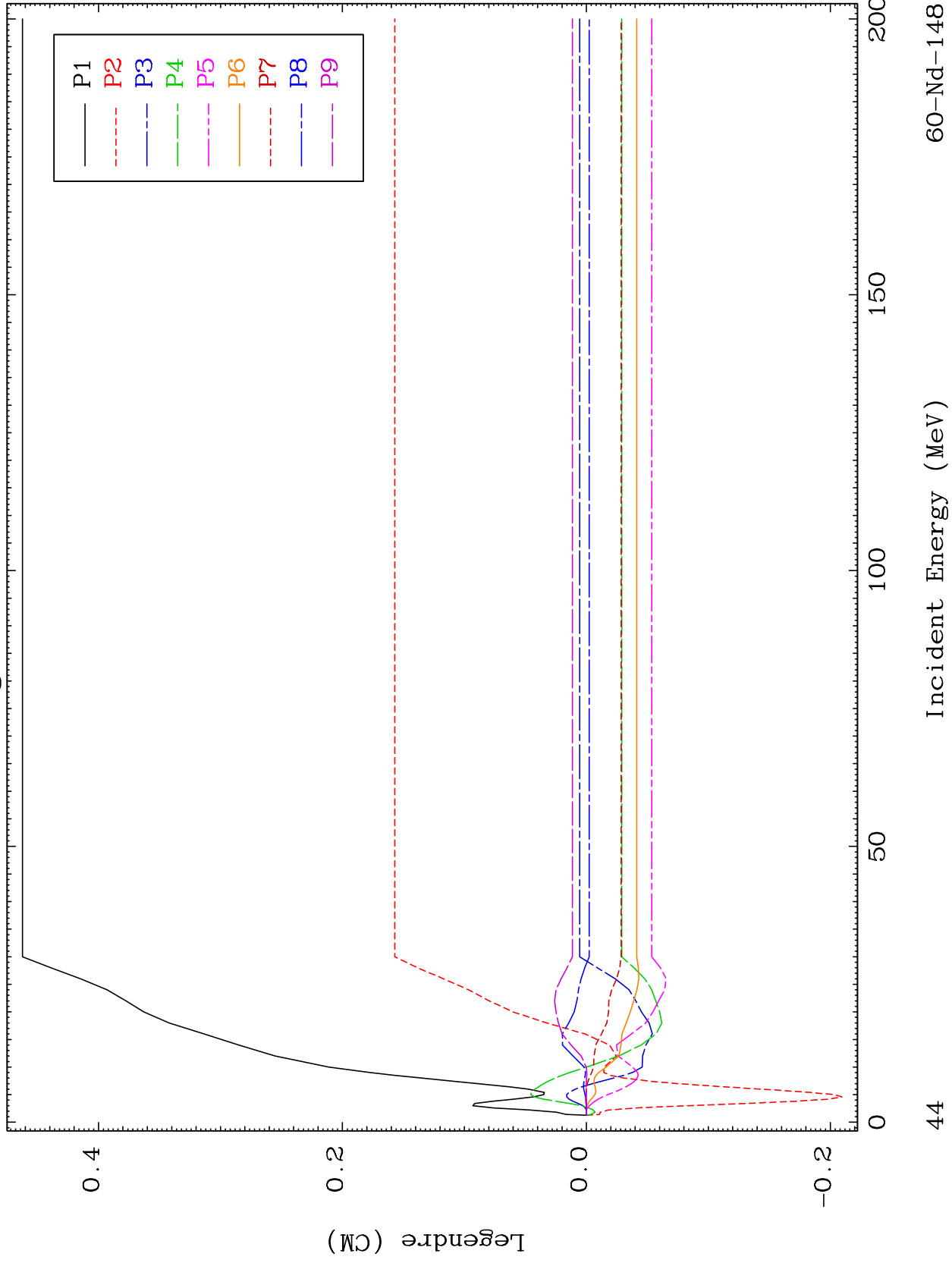
60-Nd-148



MAT 6043

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

60-Nd-148



60-Nd-148

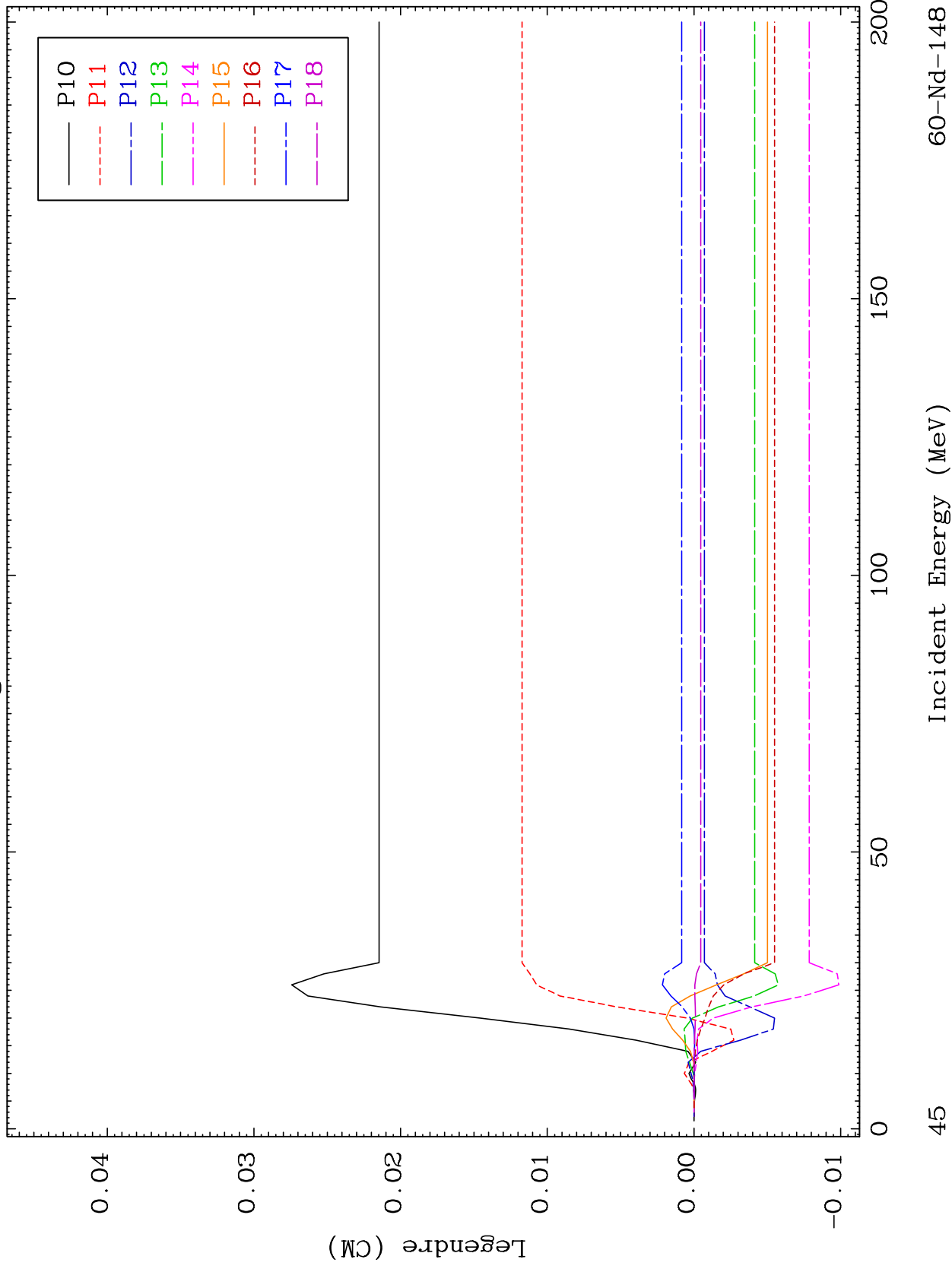
Incident Energy (MeV)

44

MAT 6043

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

60-Nd-148



60-Nd-148

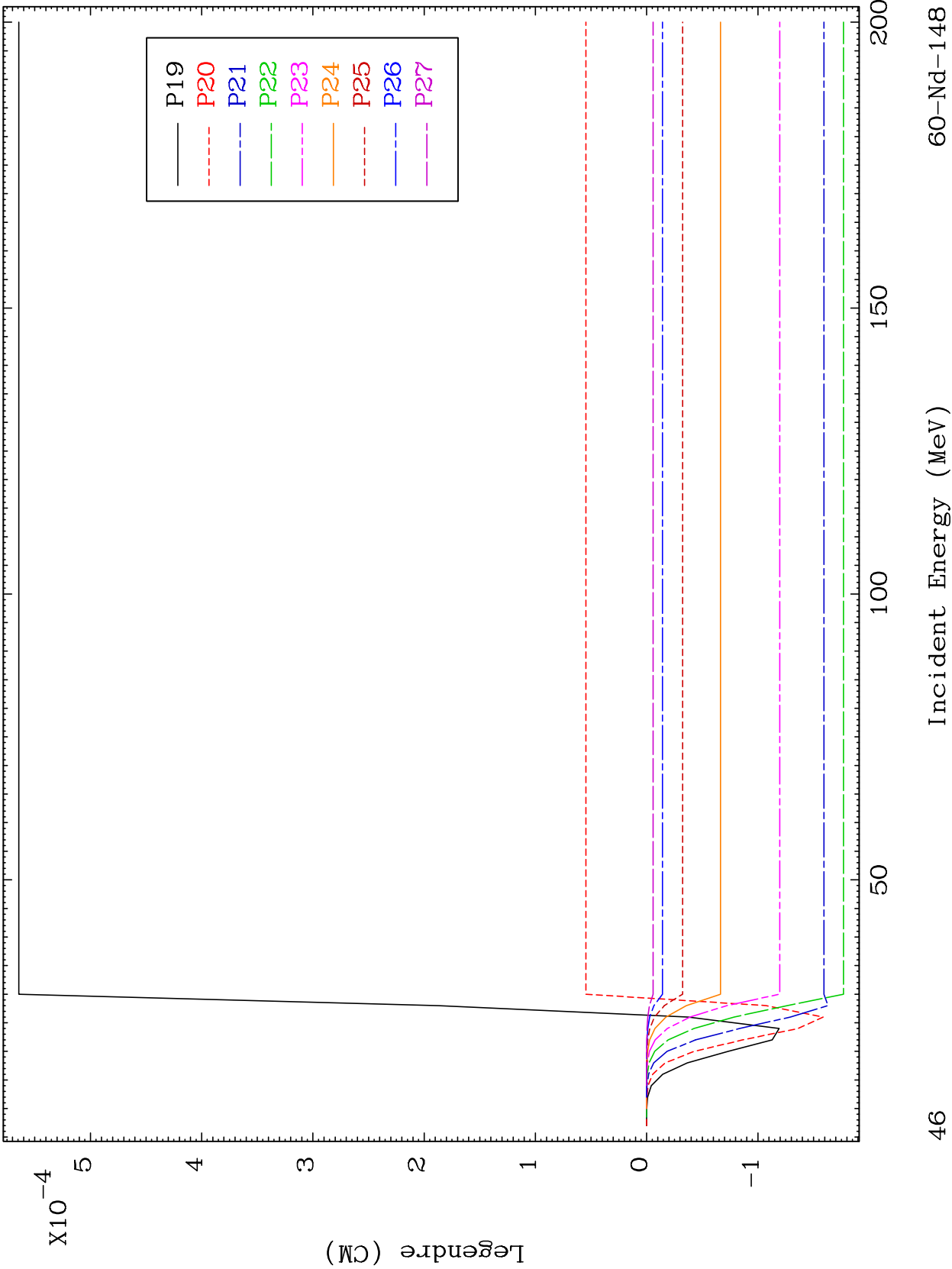
Incident Energy (MeV)

45

MAT 6043

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

60-Nd-148

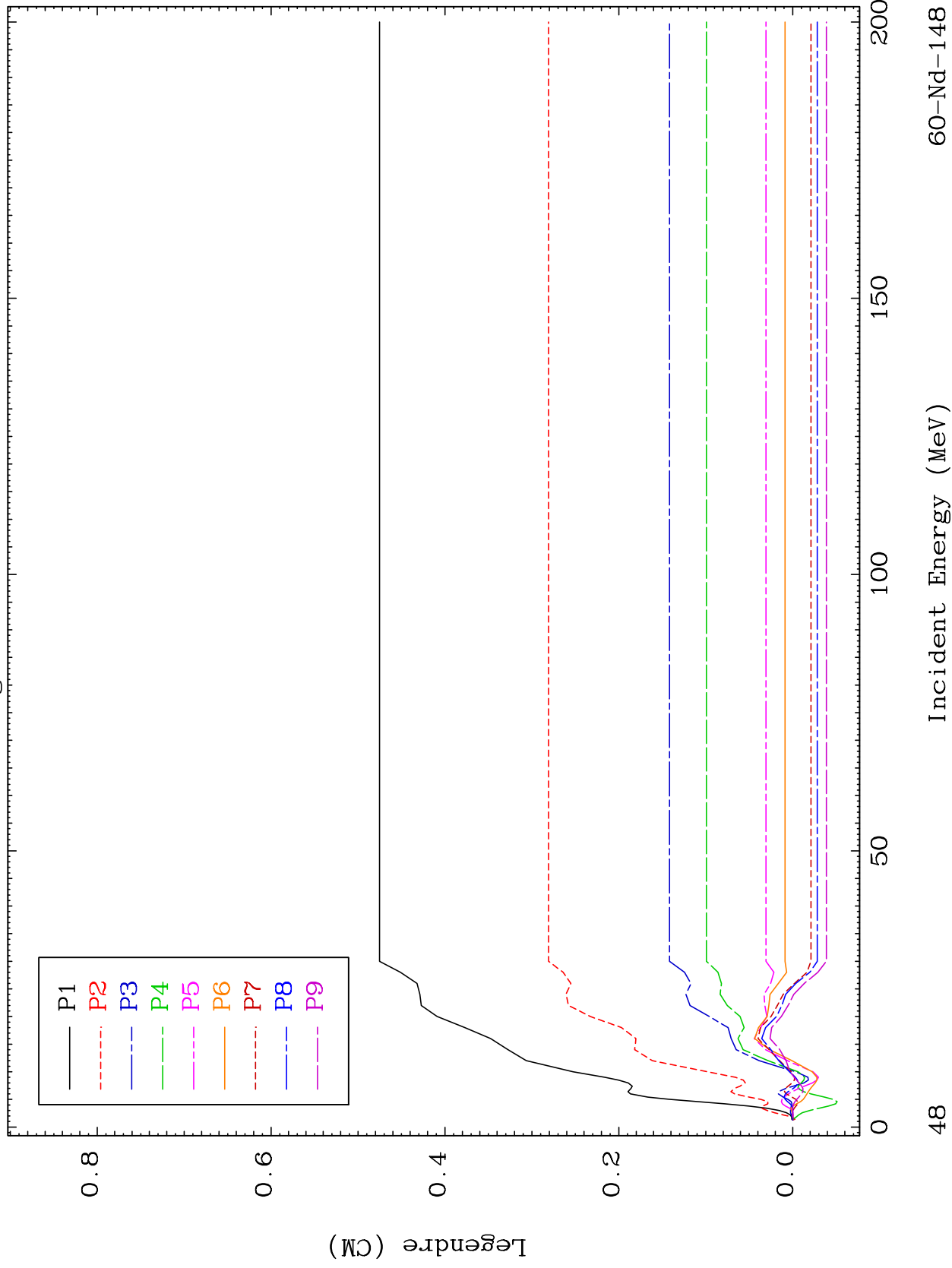




MAT 6043

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

60-Nd-148



60-Nd-148

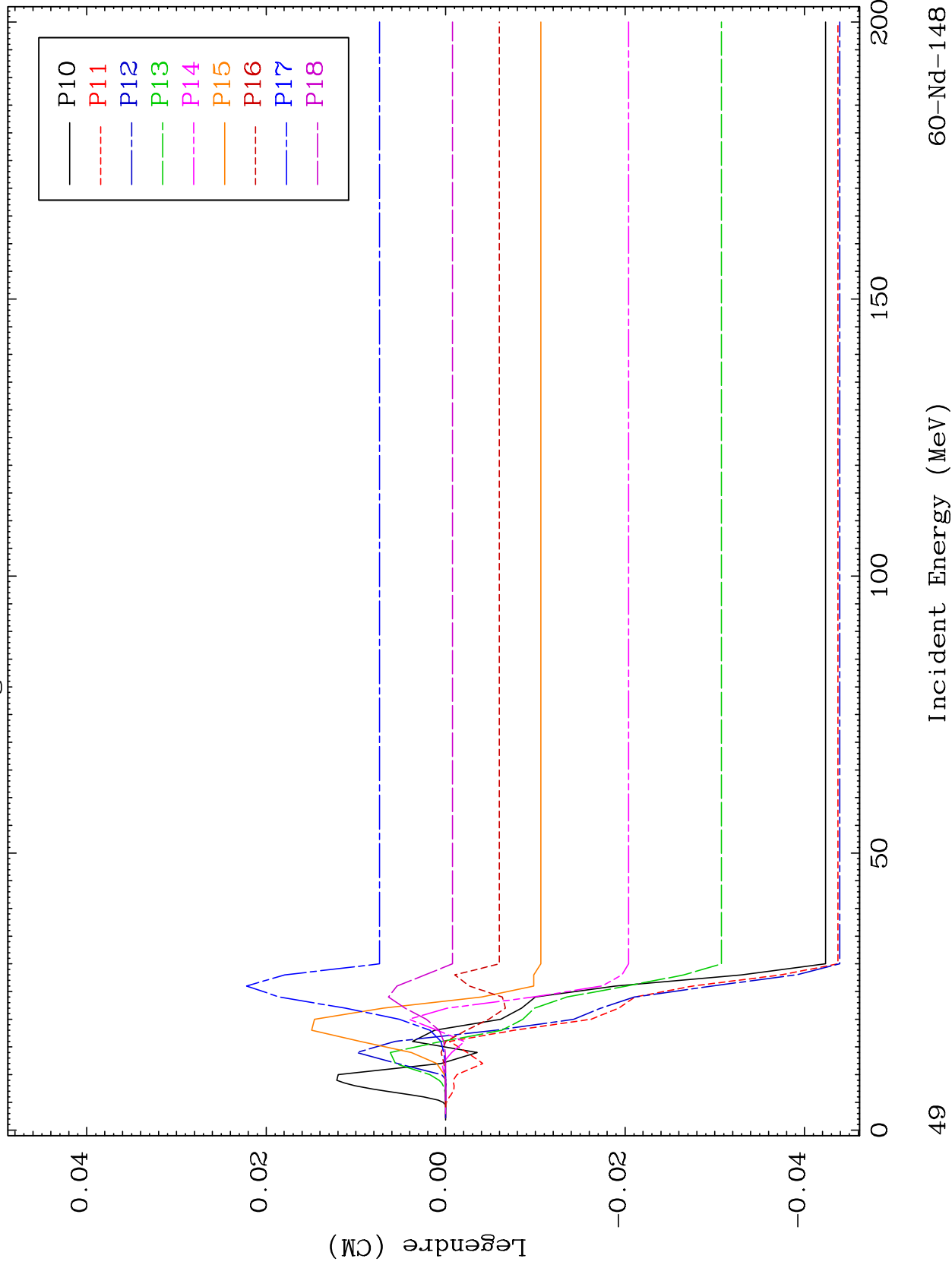
Incident Energy (MeV)

48

MAT 6043

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

60-Nd-148



60-Nd-148

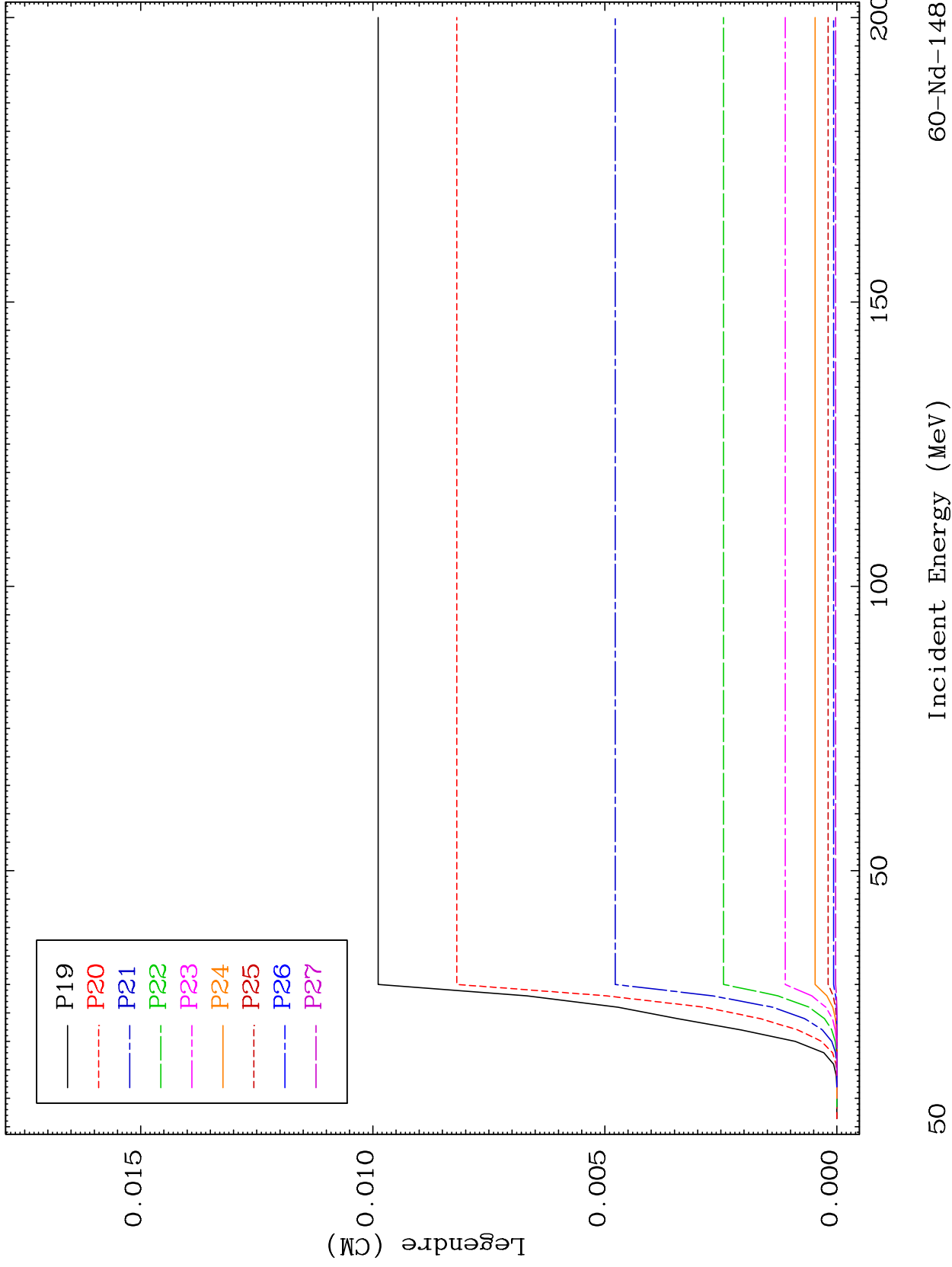
Incident Energy (MeV)

49

MAT 6043

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

60-Nd-148



60-Nd-148

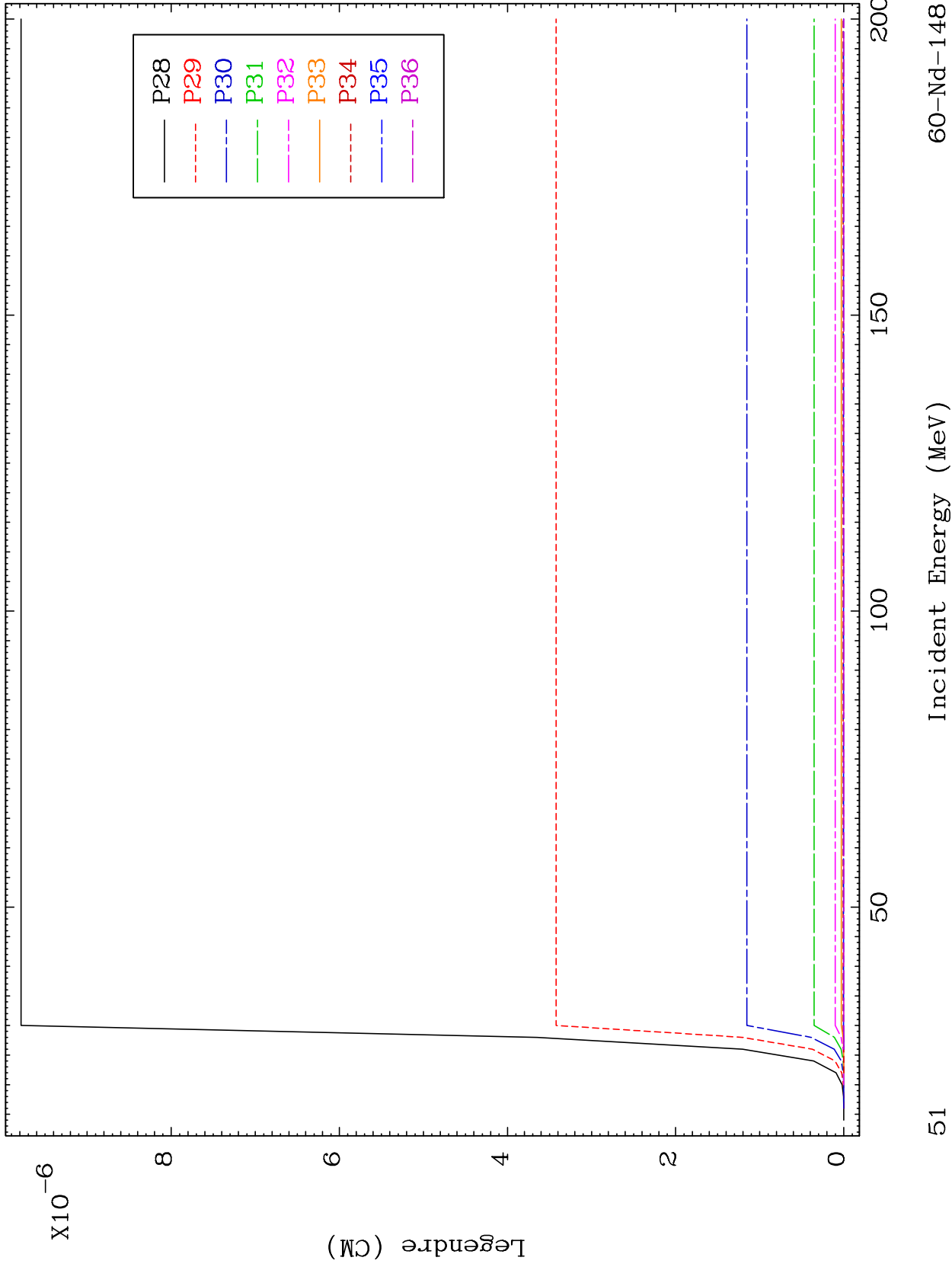
Incident Energy (MeV)

50

MAT 6043

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

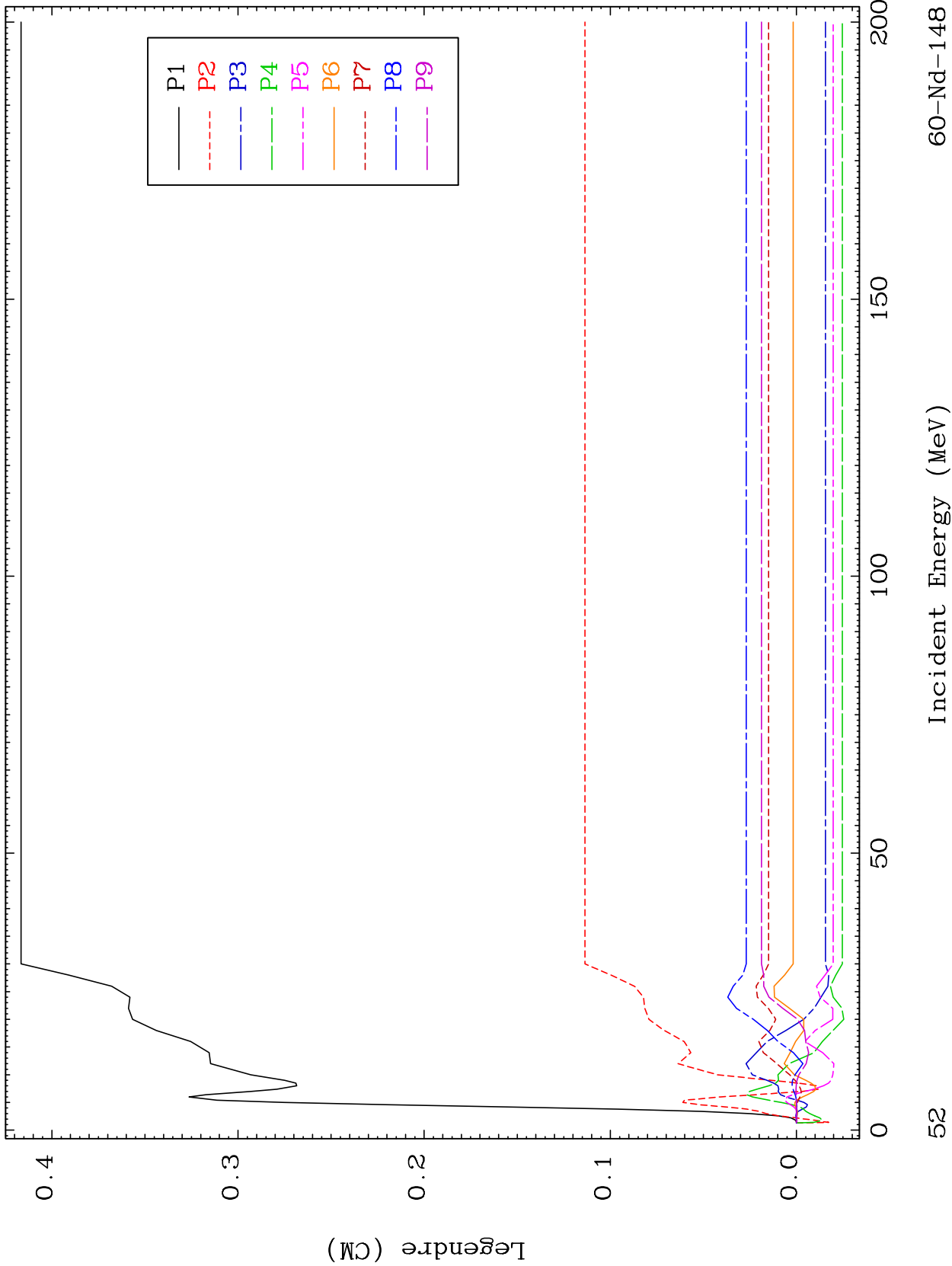
60-Nd-148



MAT 6043

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

60-Nd-148



60-Nd-148

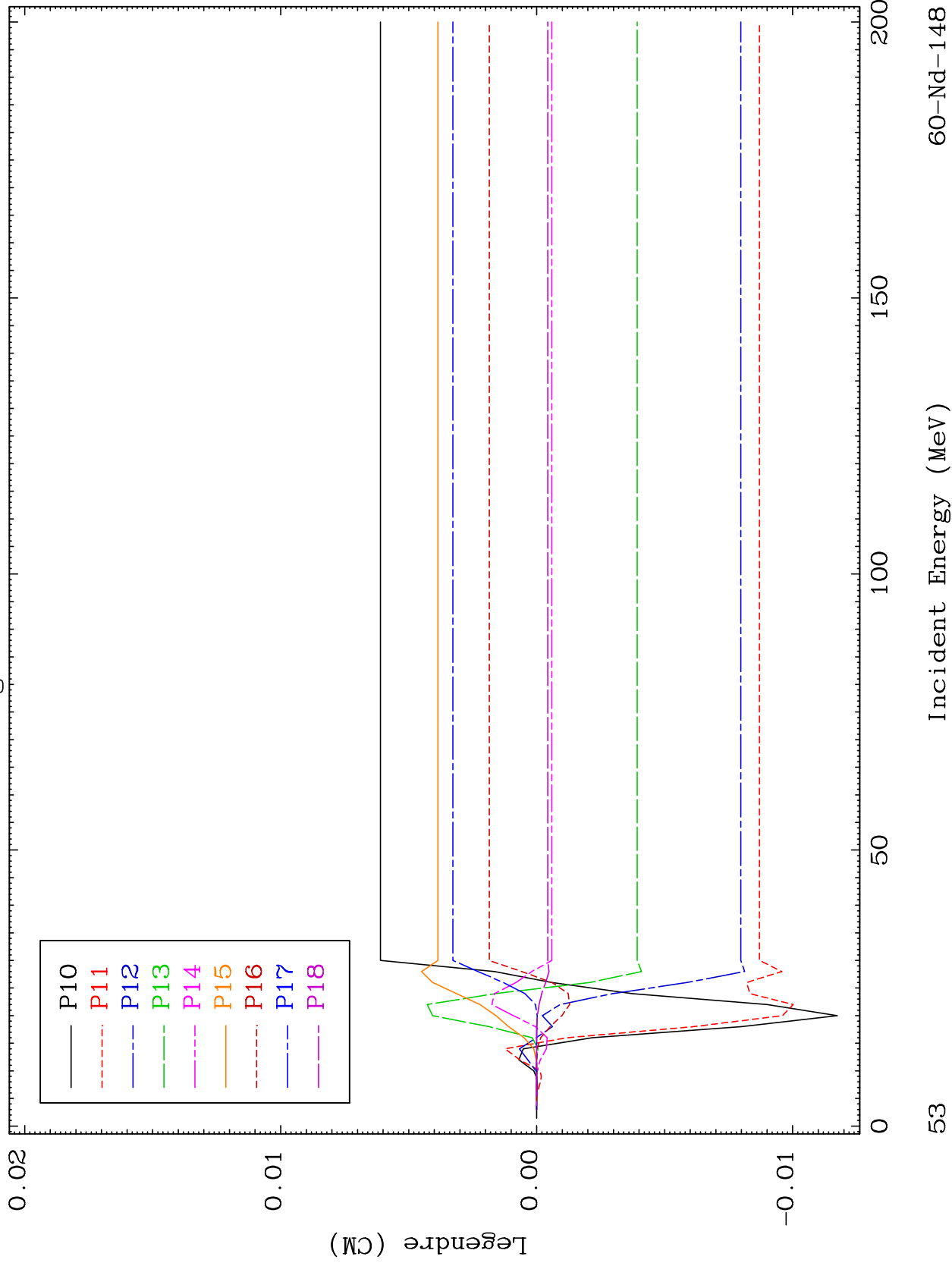
Incident Energy (MeV)

52

MAT 6043

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

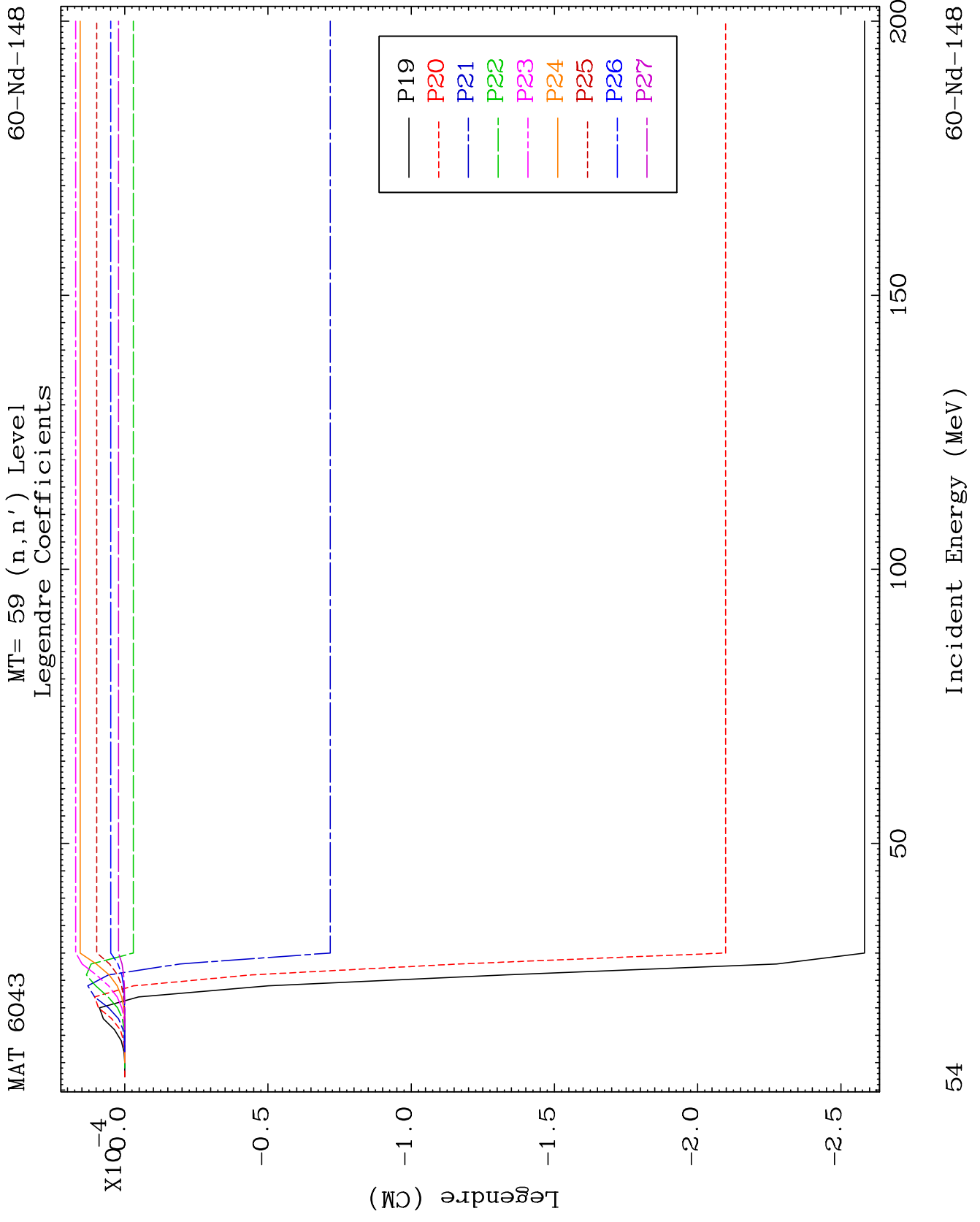
60-Nd-148



53

Incident Energy (MeV)

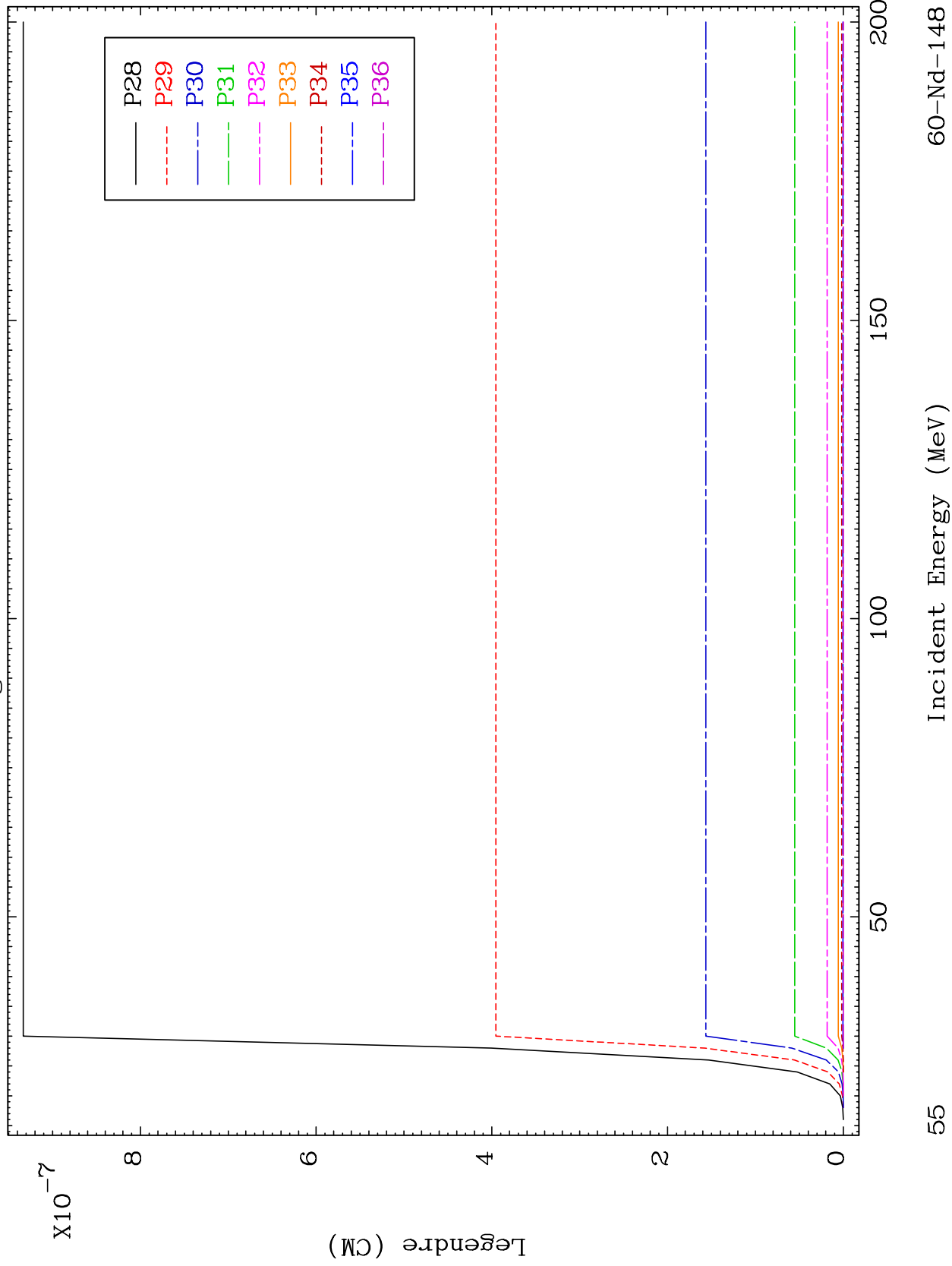
60-Nd-148



MAT 6043

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

60-Nd-148



60-Nd-148

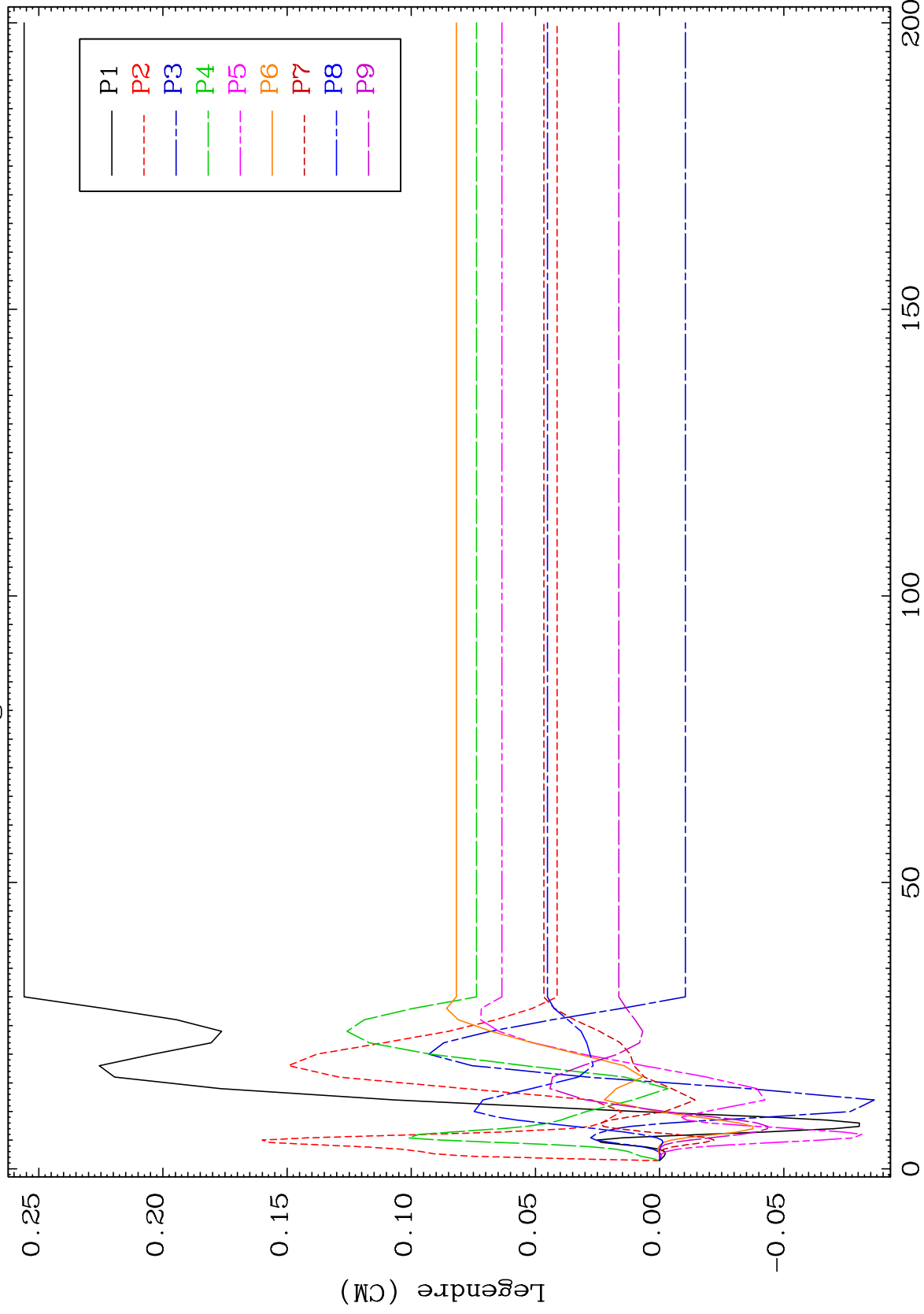
Incident Energy (MeV)

55

MAT 6043

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

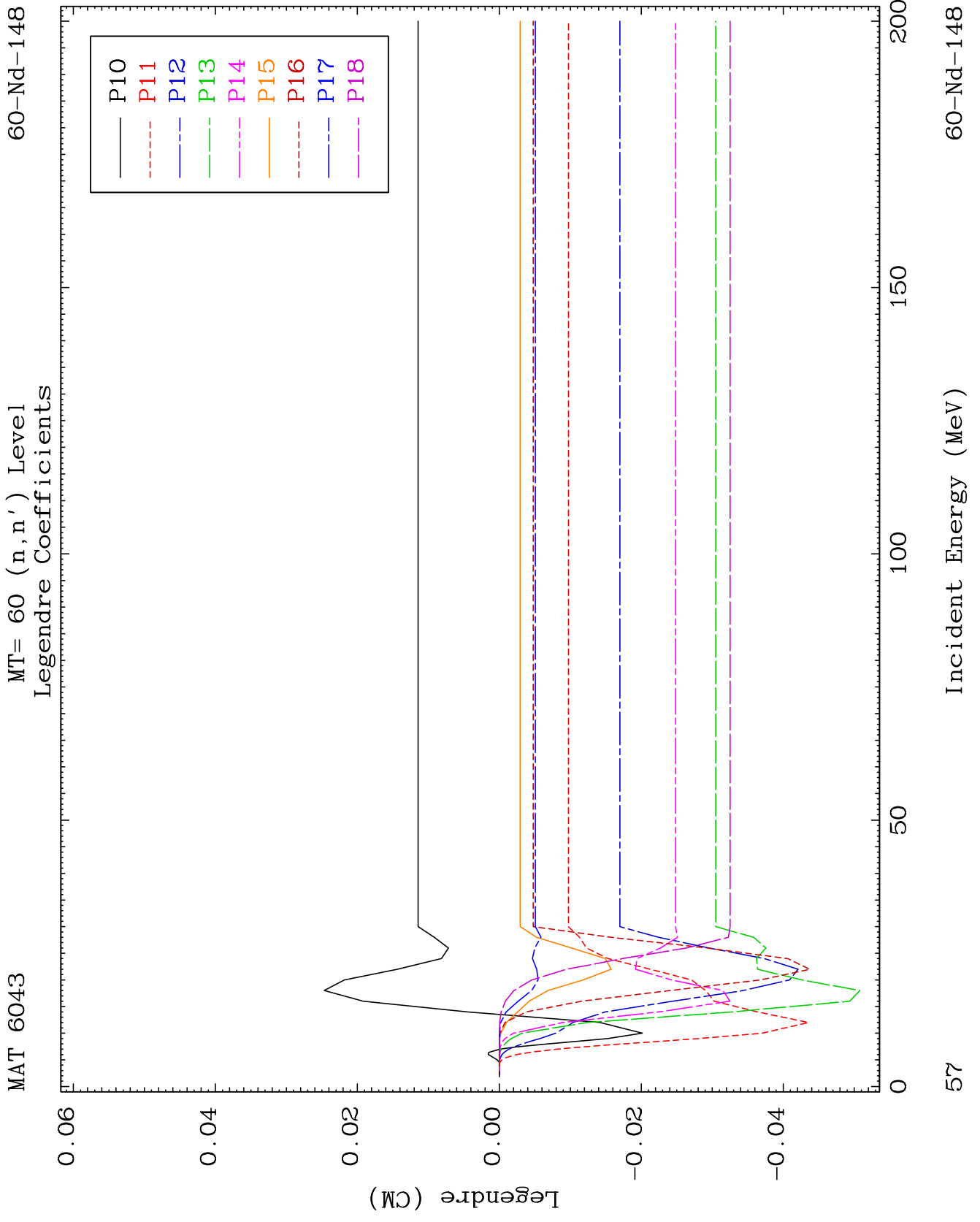
60-Nd-148



60-Nd-148

Incident Energy (MeV)

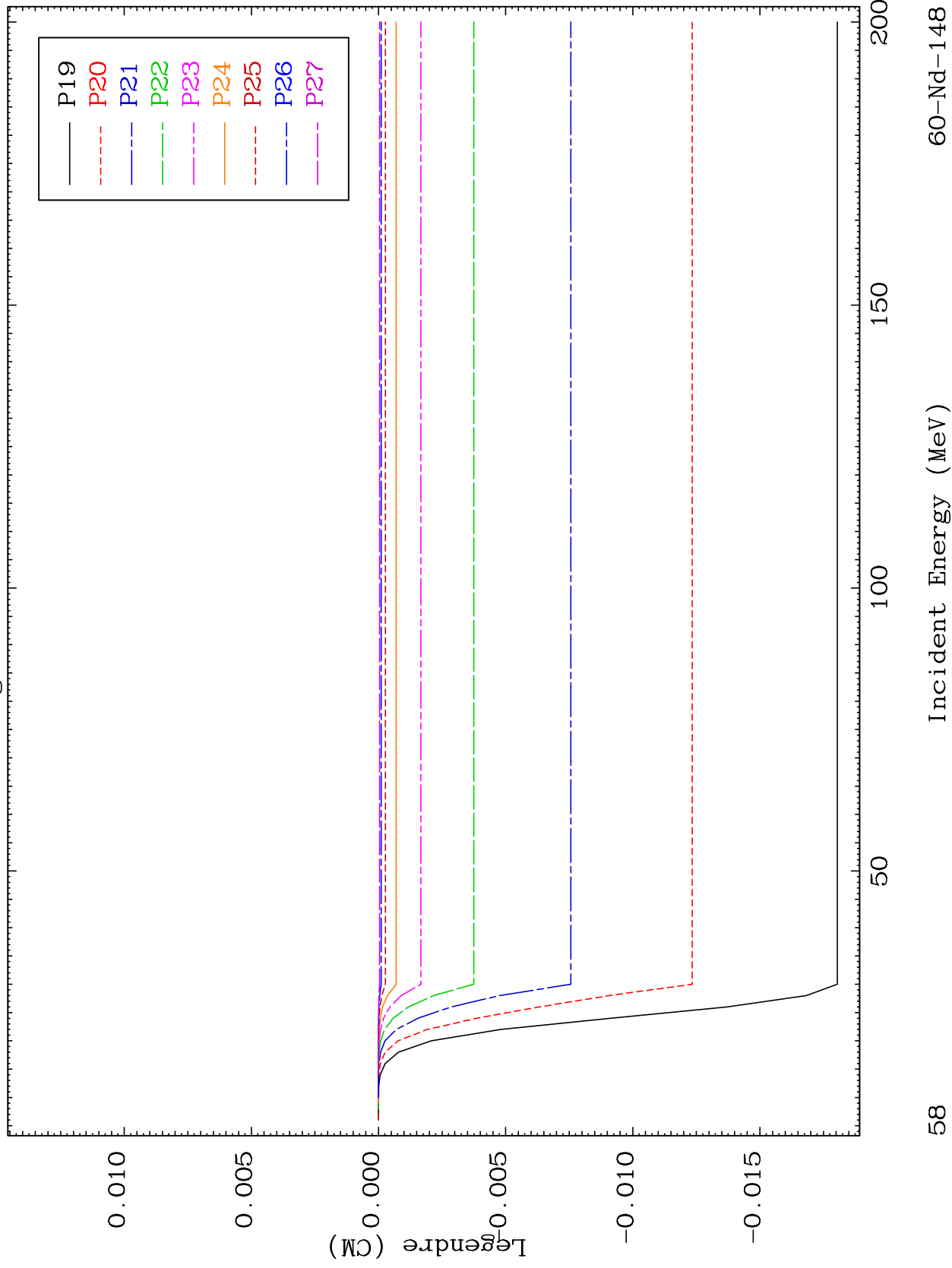
56



MAT 6043

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

60-Nd-148

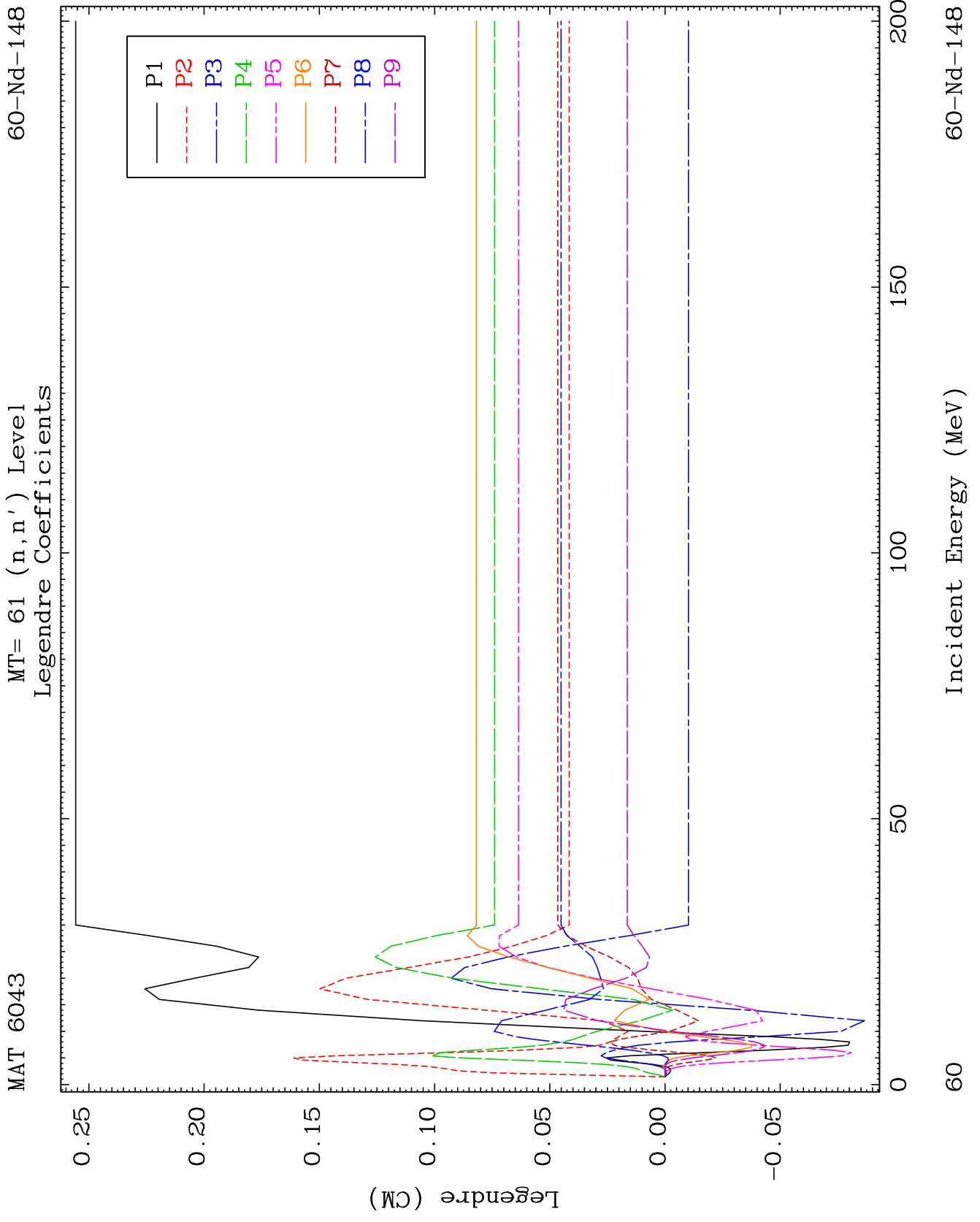


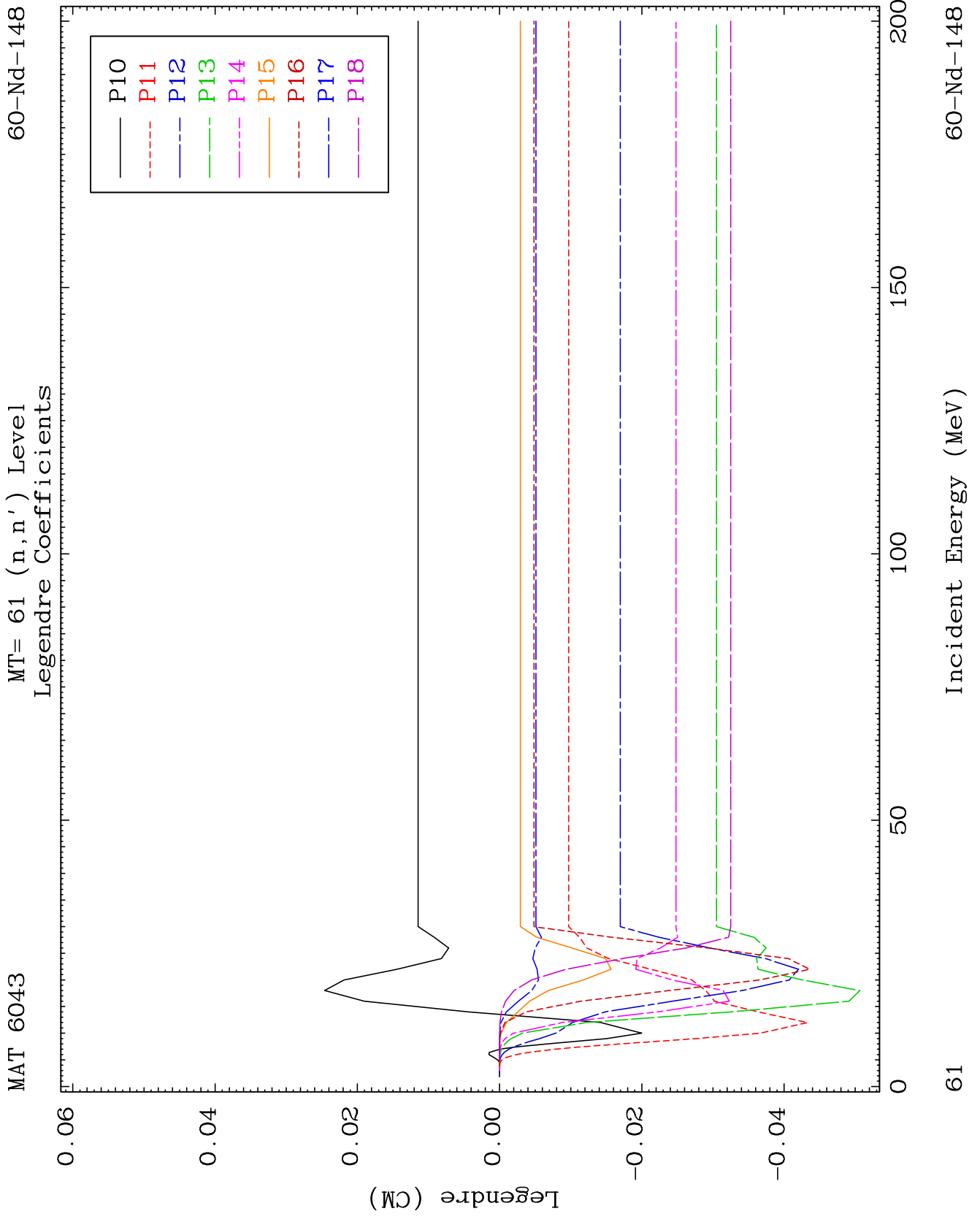
58

Incident Energy (MeV)

60-Nd-148



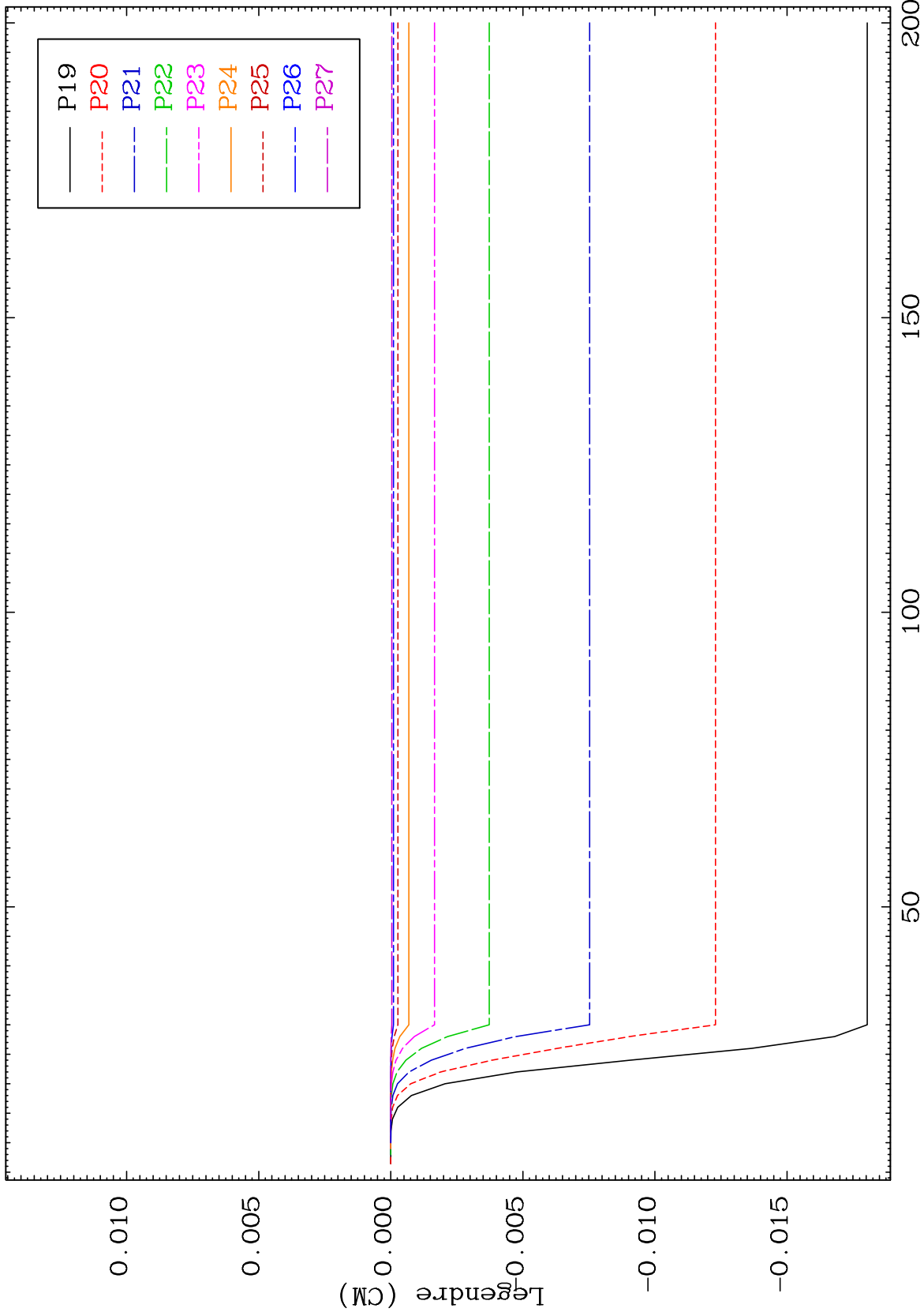




MAT 6043

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

60-Nd-148



62

Incident Energy (MeV)

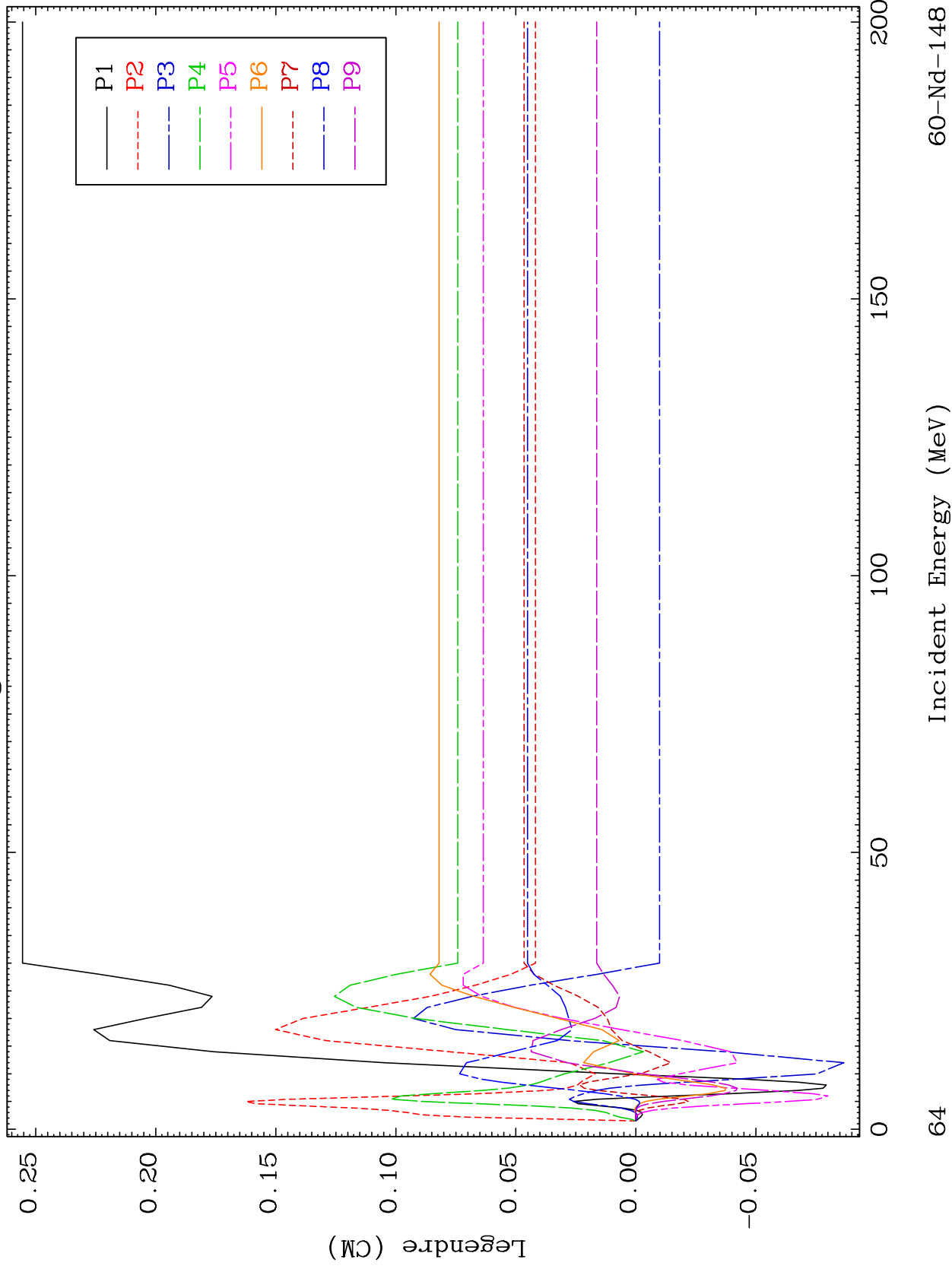
60-Nd-148

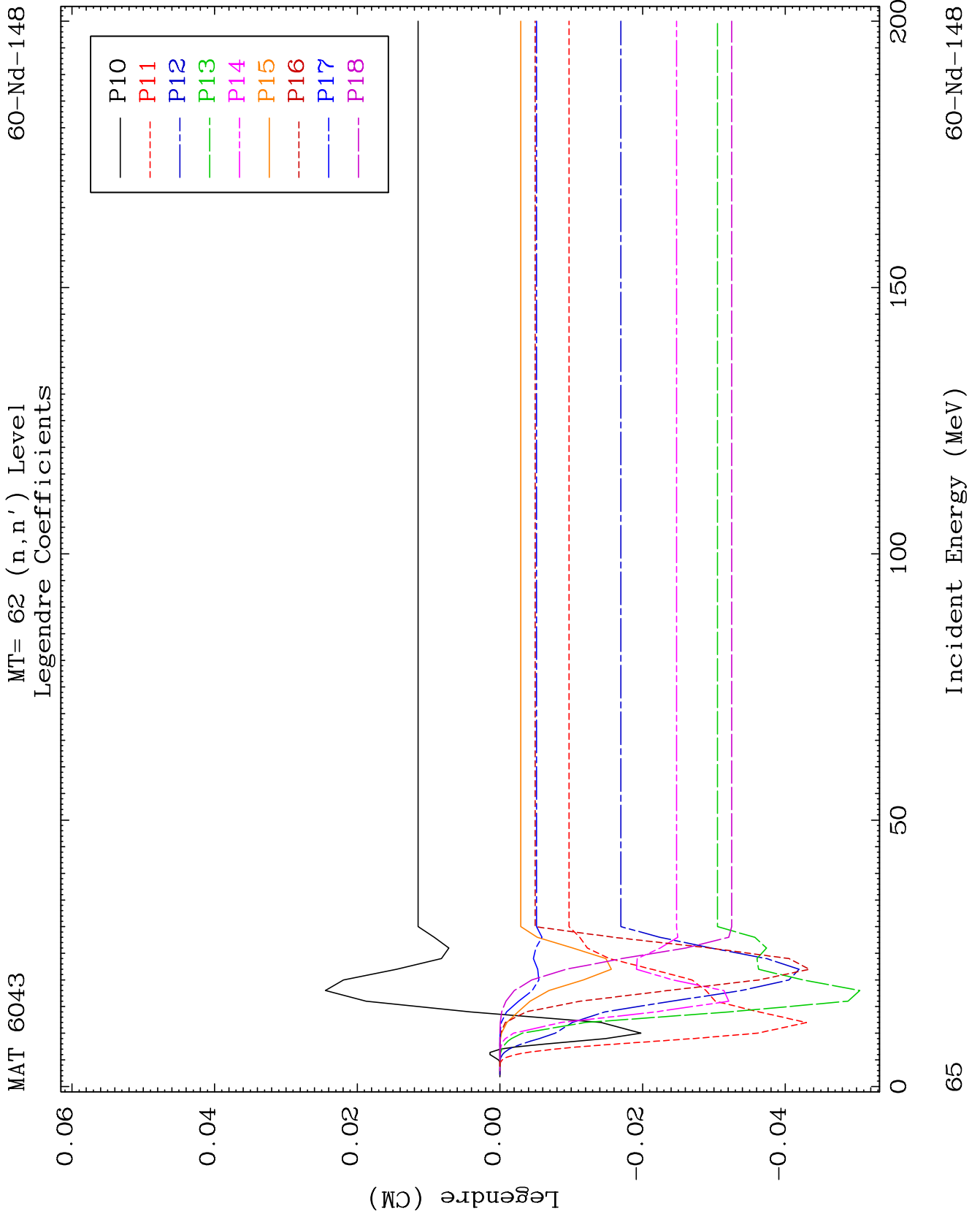


MAT 6043

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

60-Nd-148

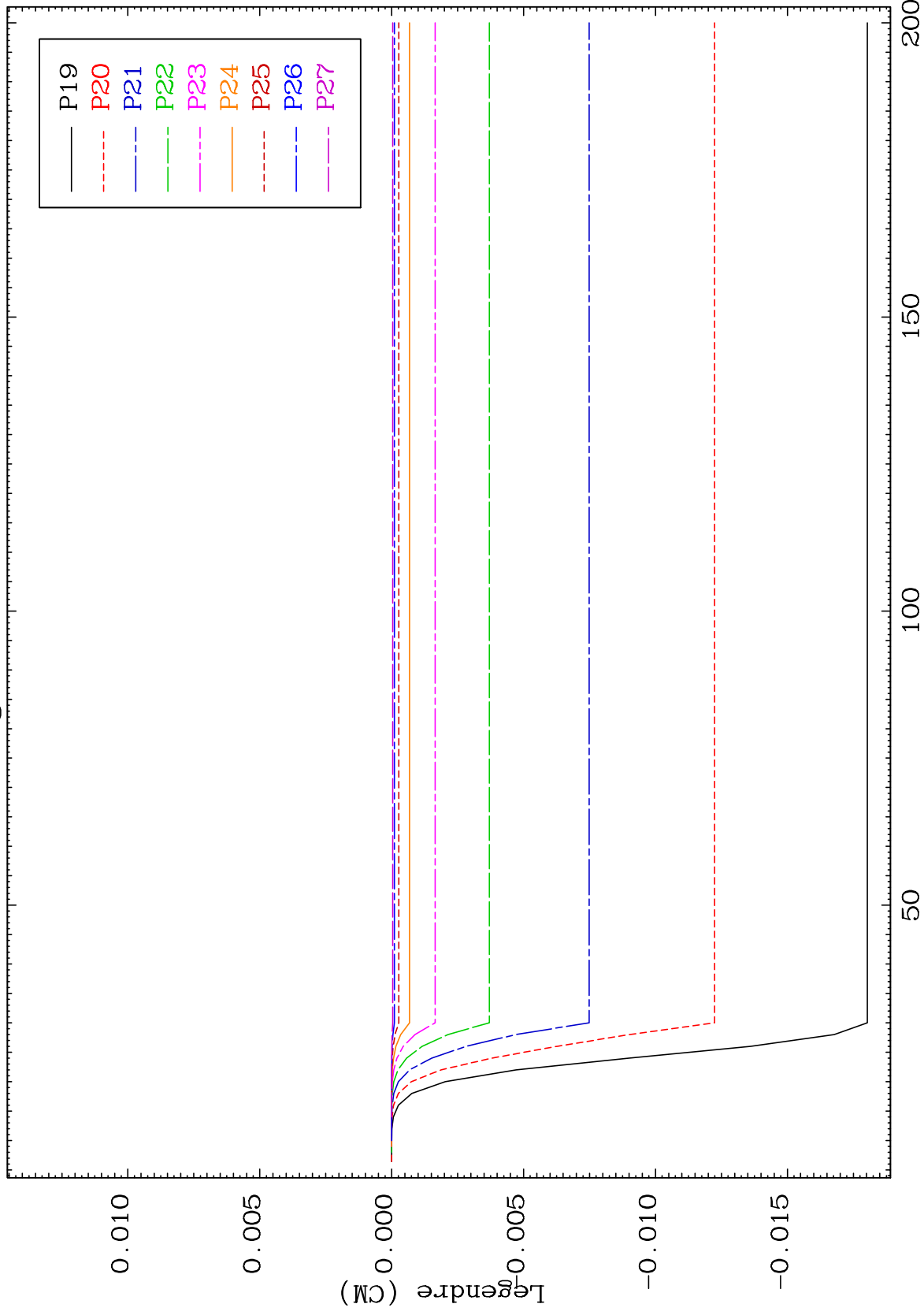




MAT 6043

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

60-Nd-148



66

Incident Energy (MeV)

60-Nd-148

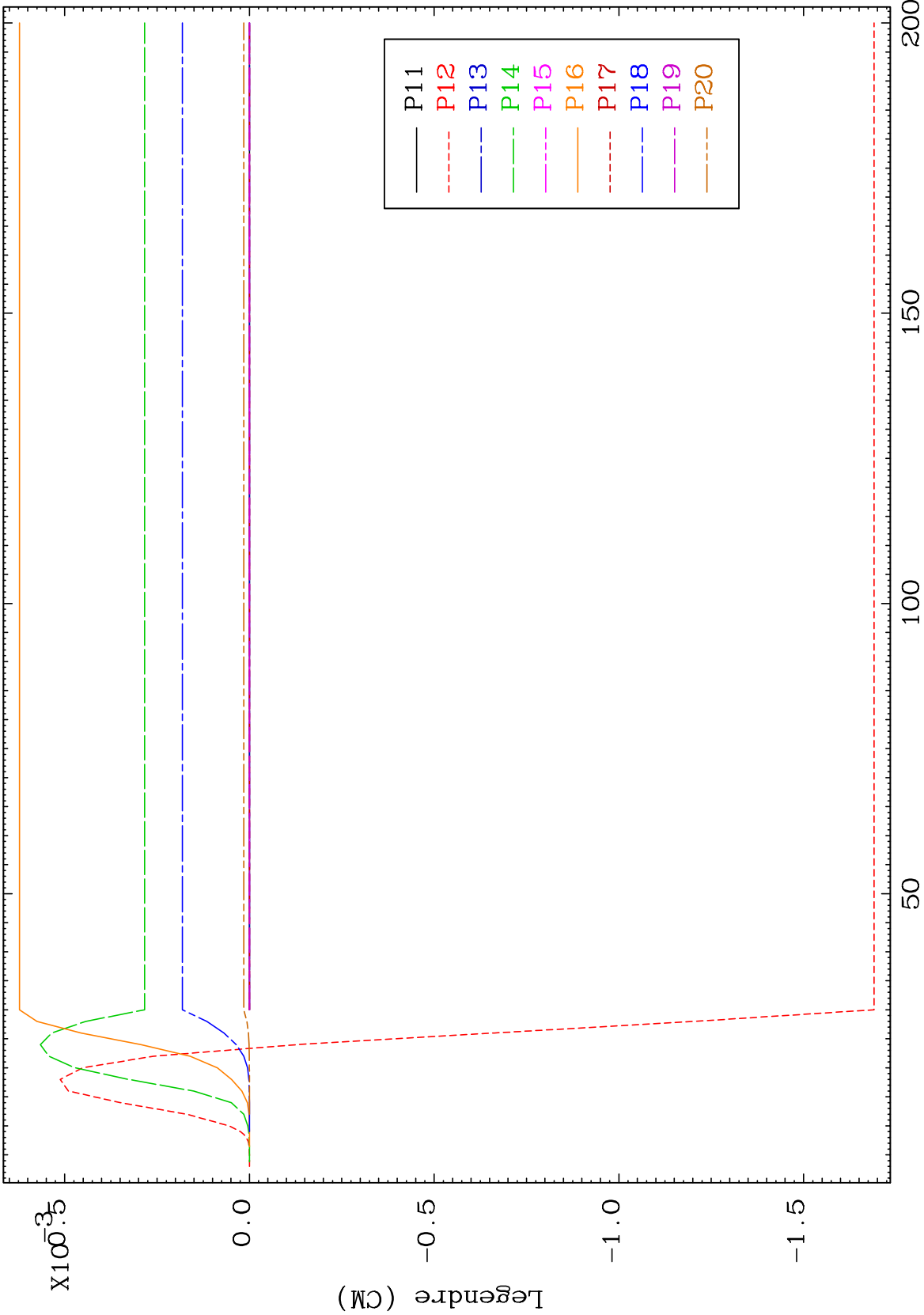




MAT 6043

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

60-Nd-148



69

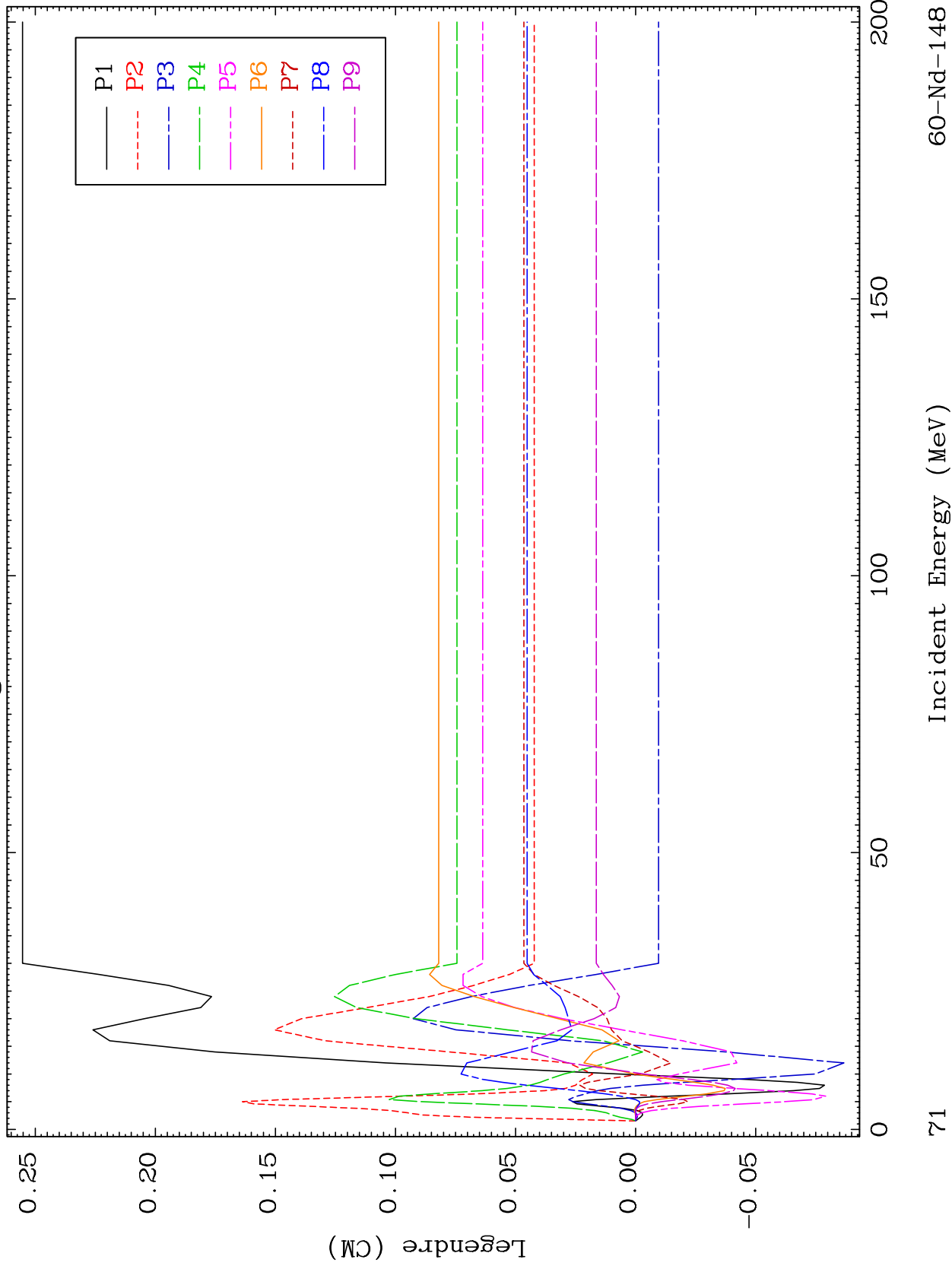
60-Nd-148



MAT 6043

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

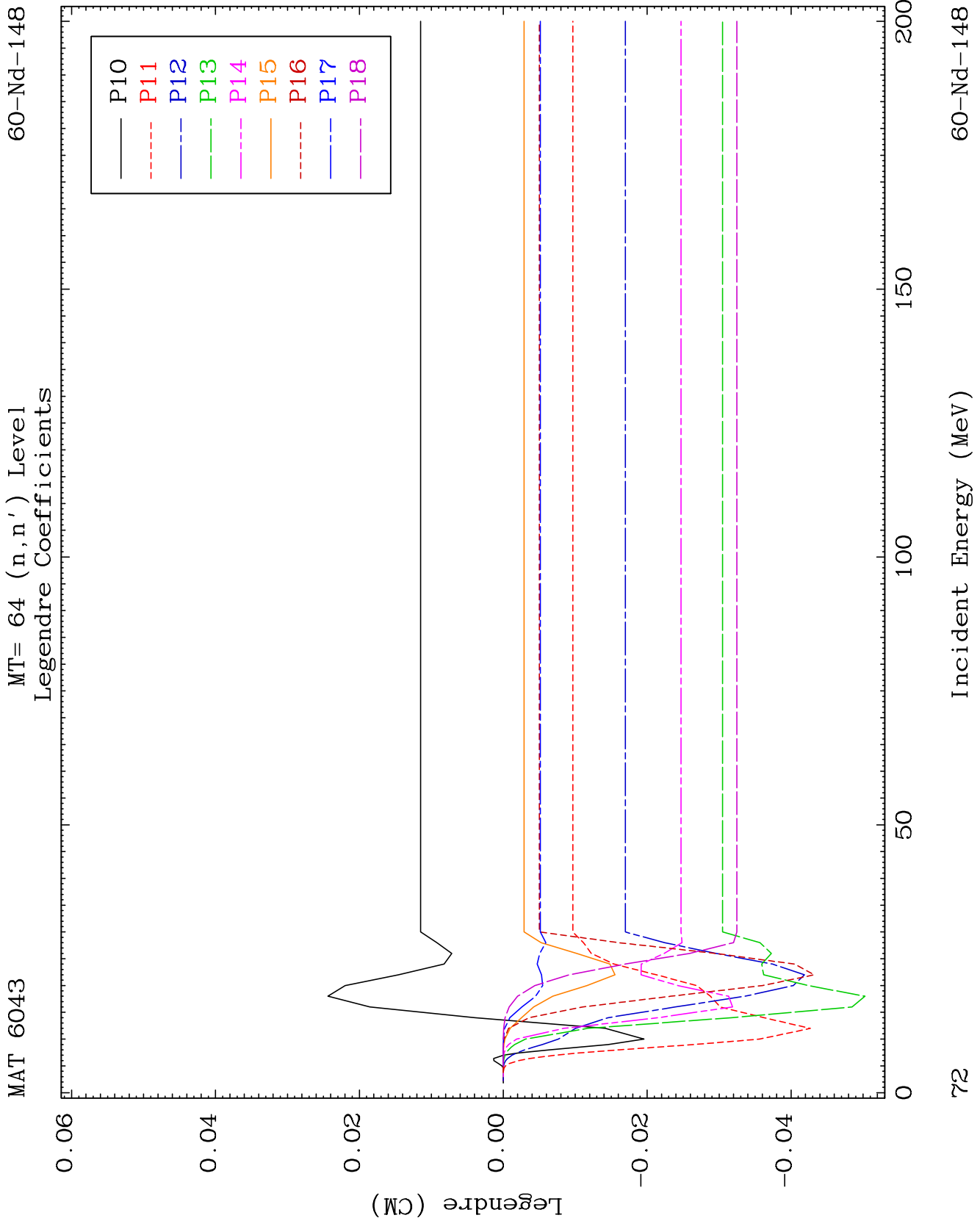
60-Nd-148



71

Incident Energy (MeV)

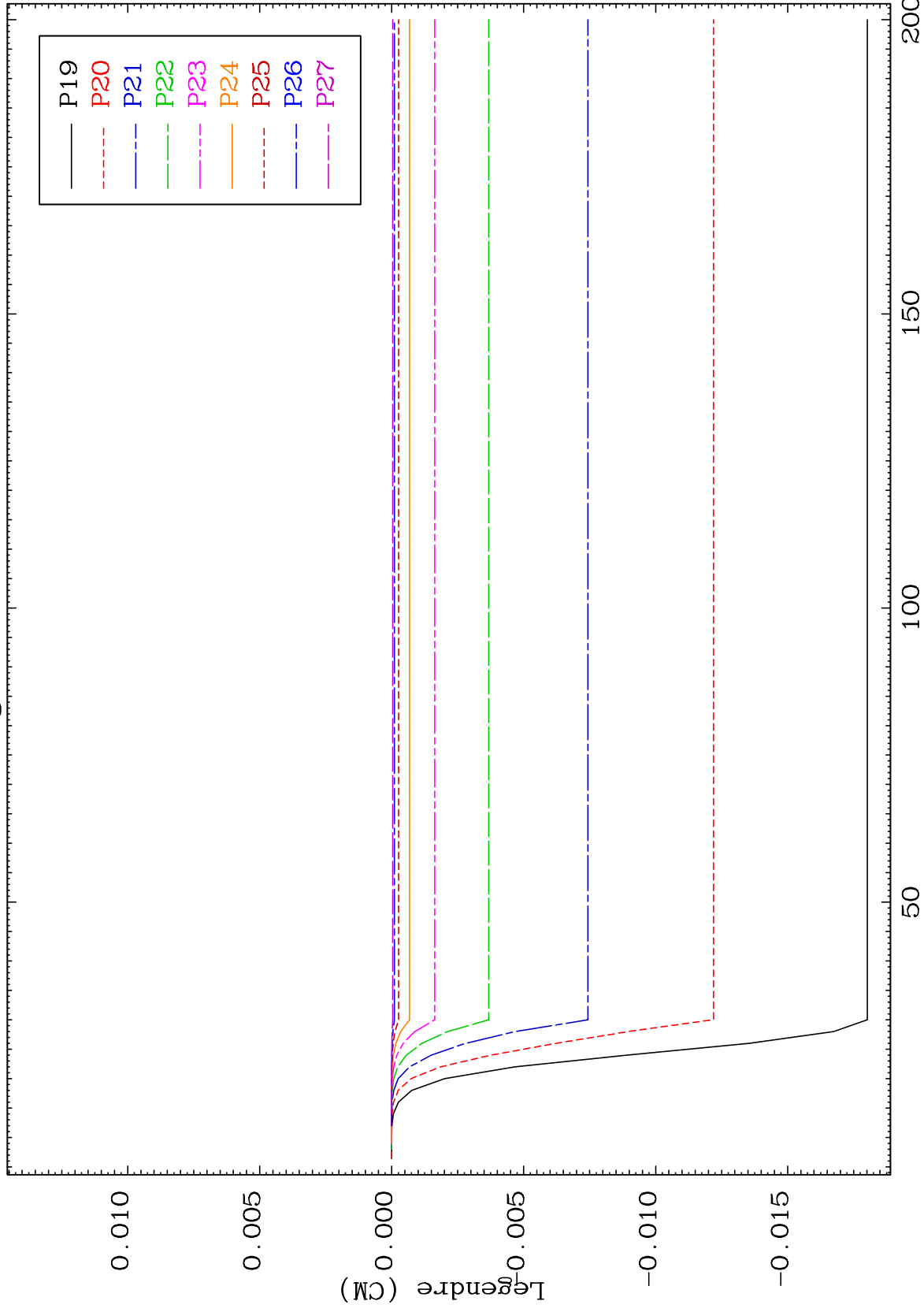
60-Nd-148



MAT 6043

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

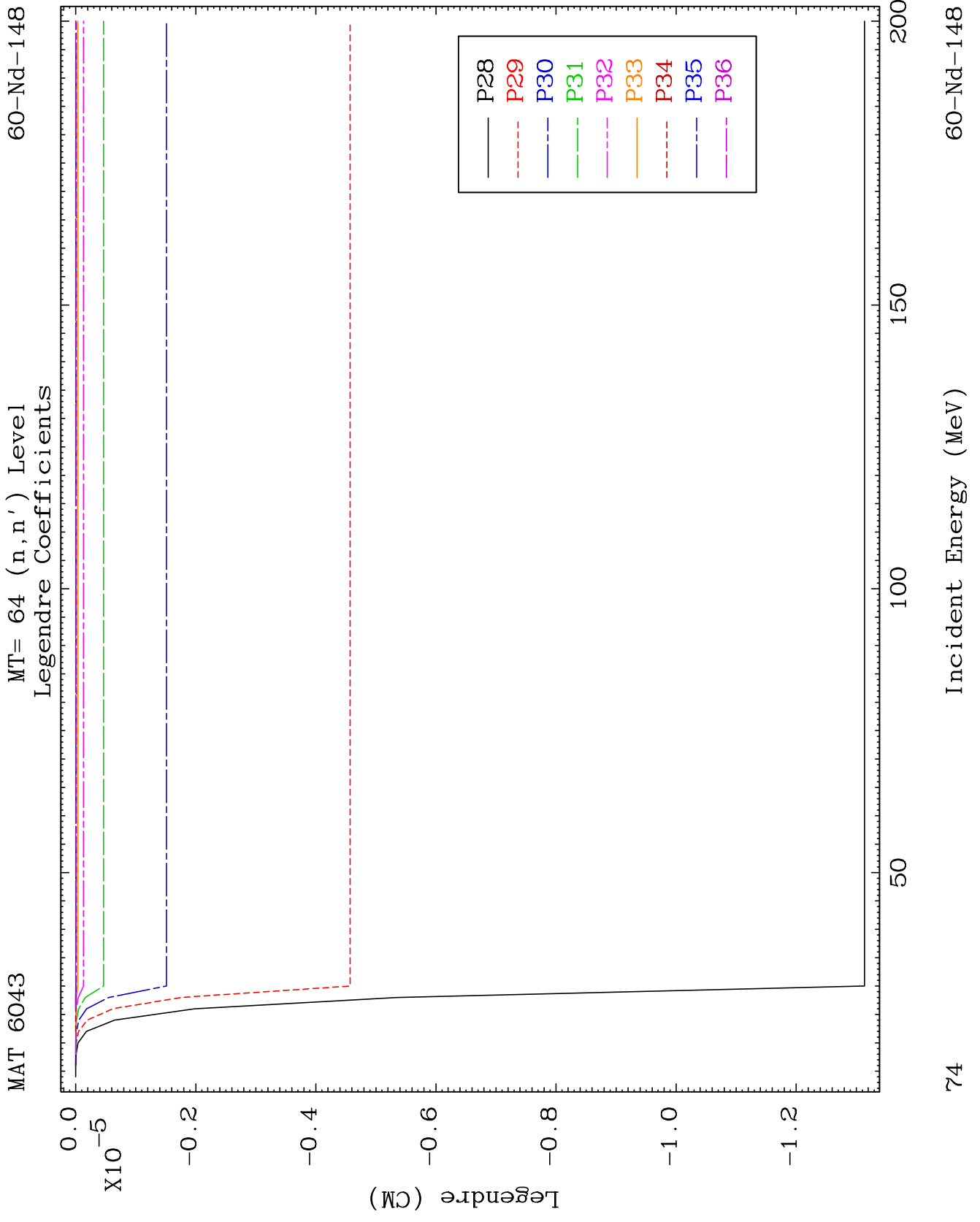
60-Nd-148



73

Incident Energy (MeV)

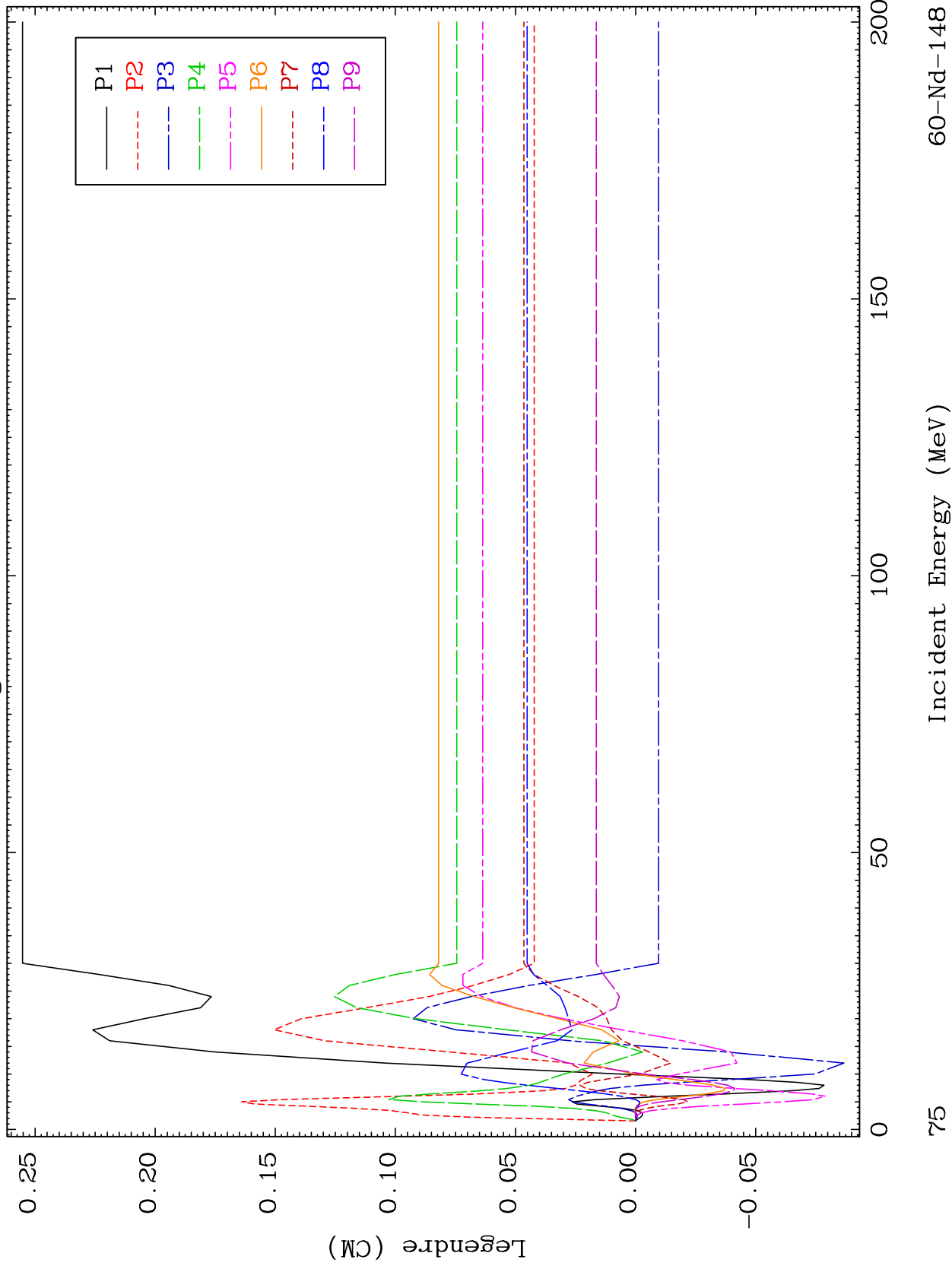
60-Nd-148



MAT 6043

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

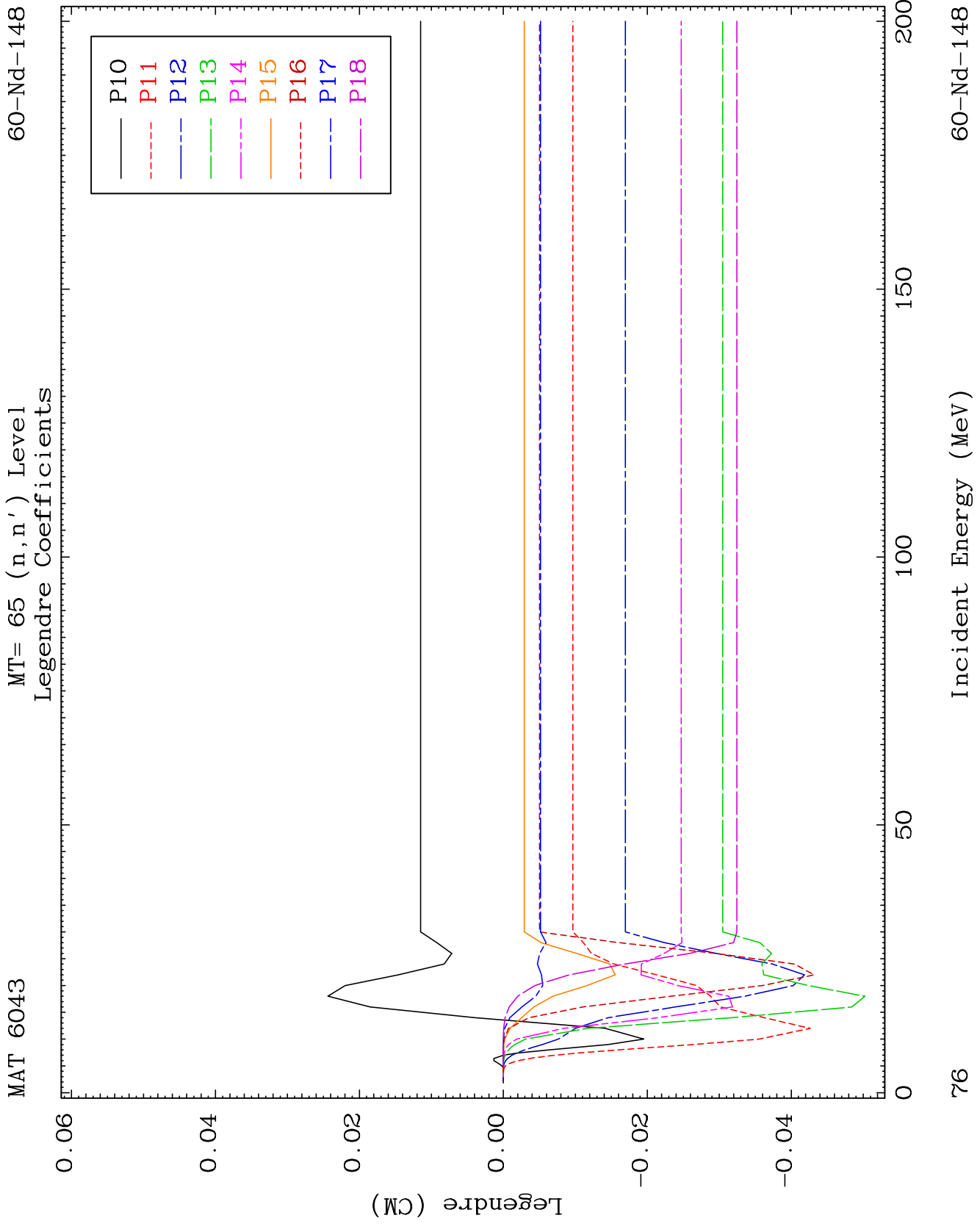
60-Nd-148



60-Nd-148

Incident Energy (MeV)

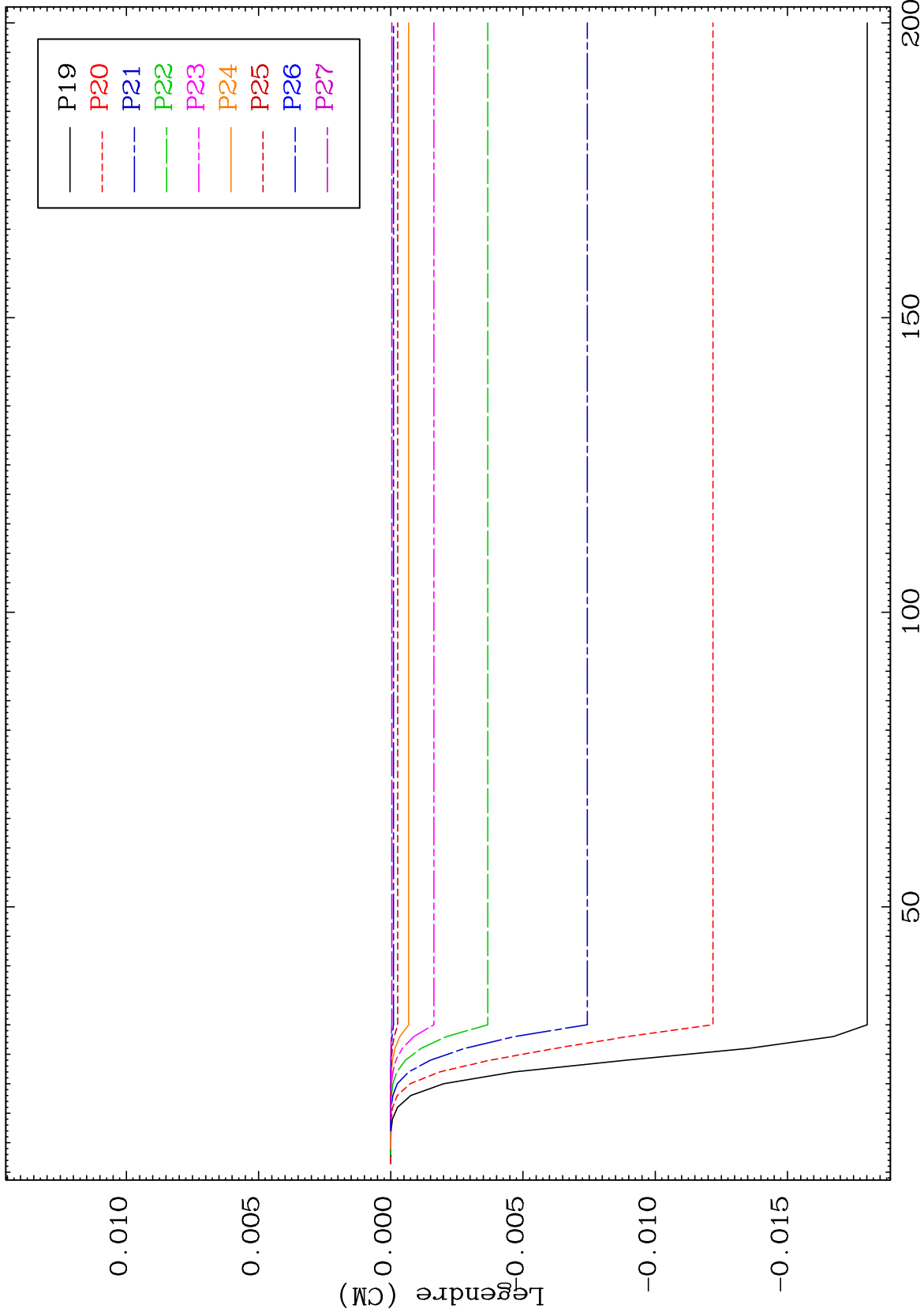
75



MAT 6043

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

60-Nd-148

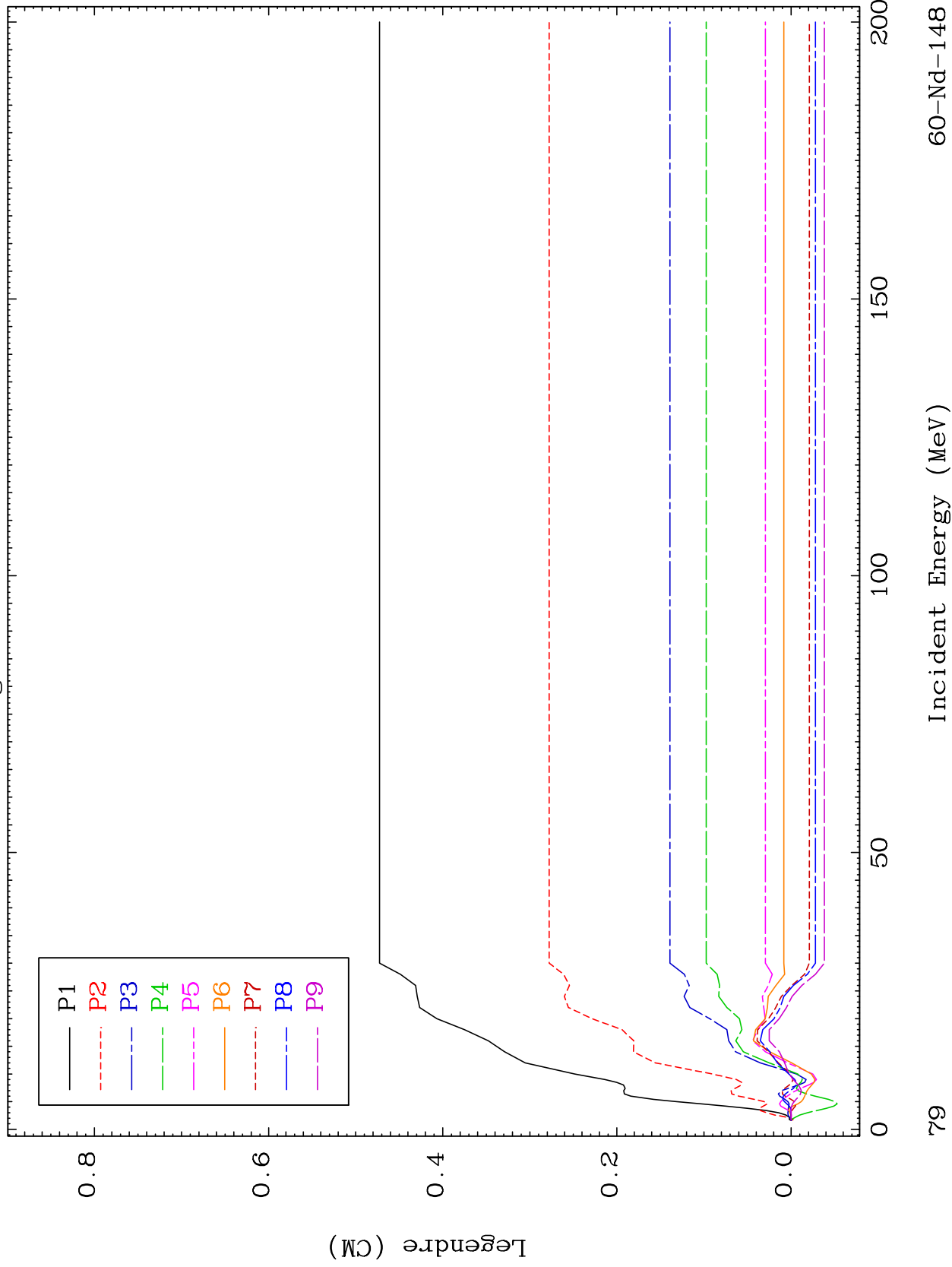




MAT 6043

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

60-Nd-148



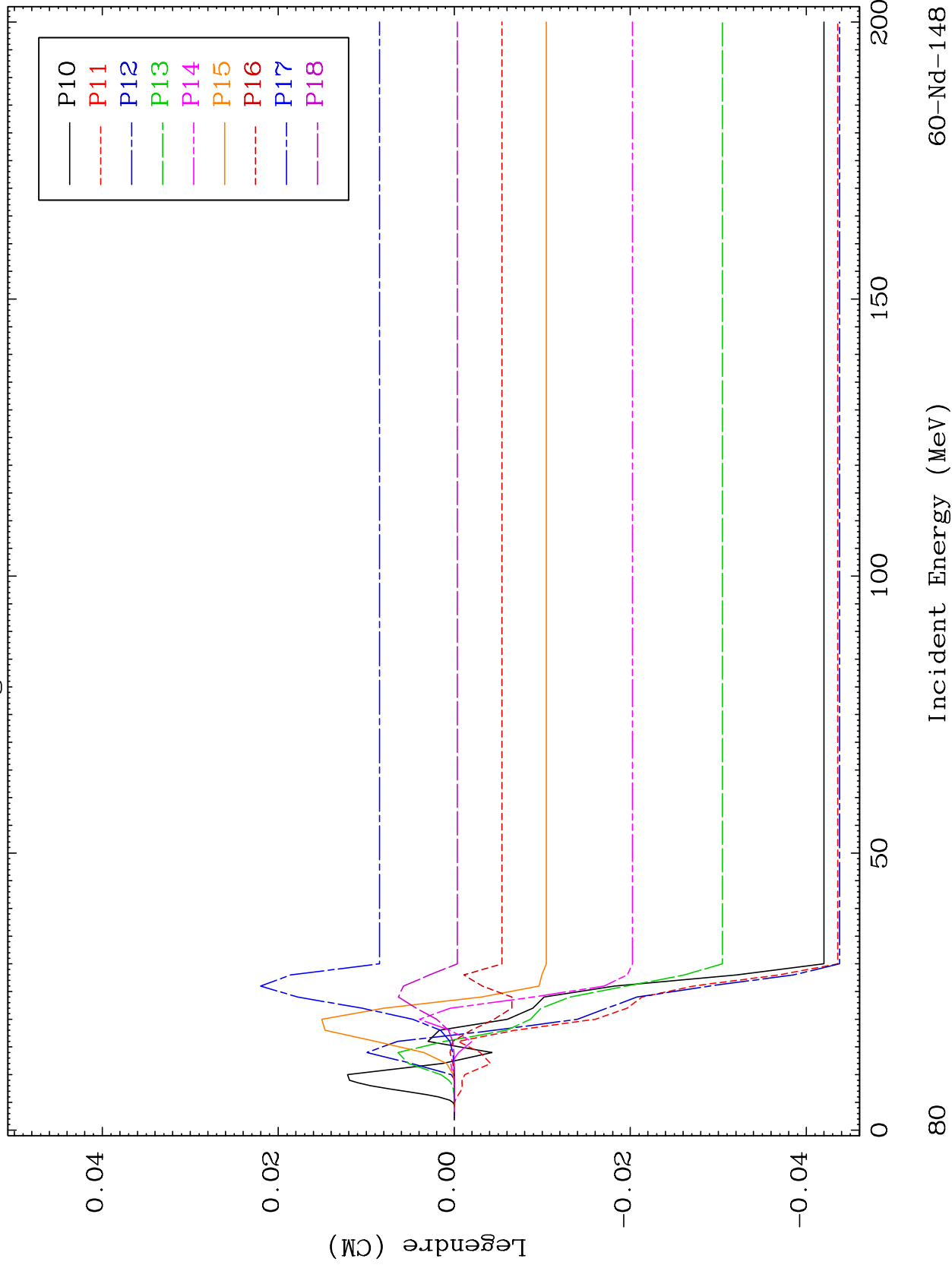
79

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

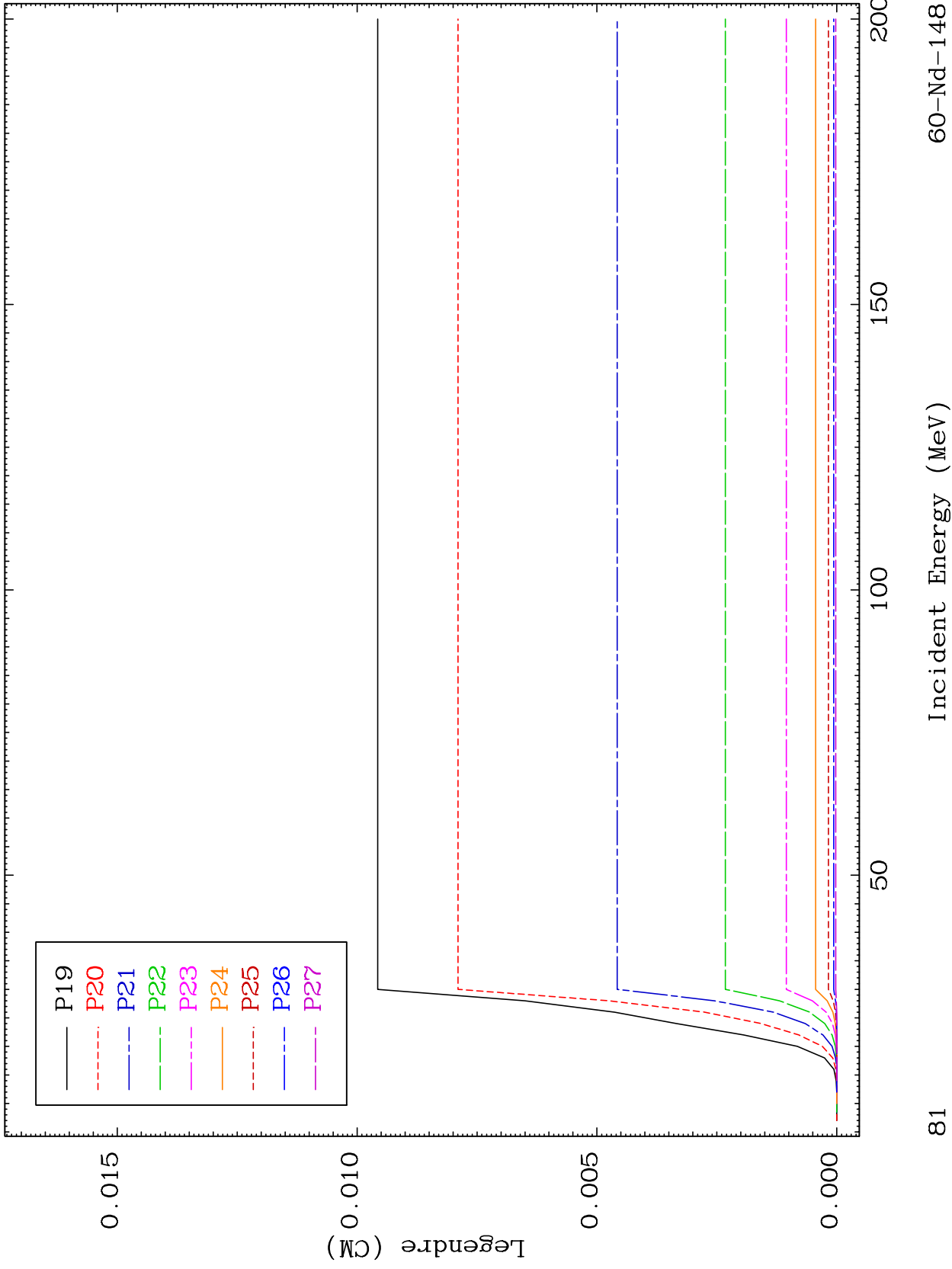
Incident Energy (MeV)

80

MAT 6043

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

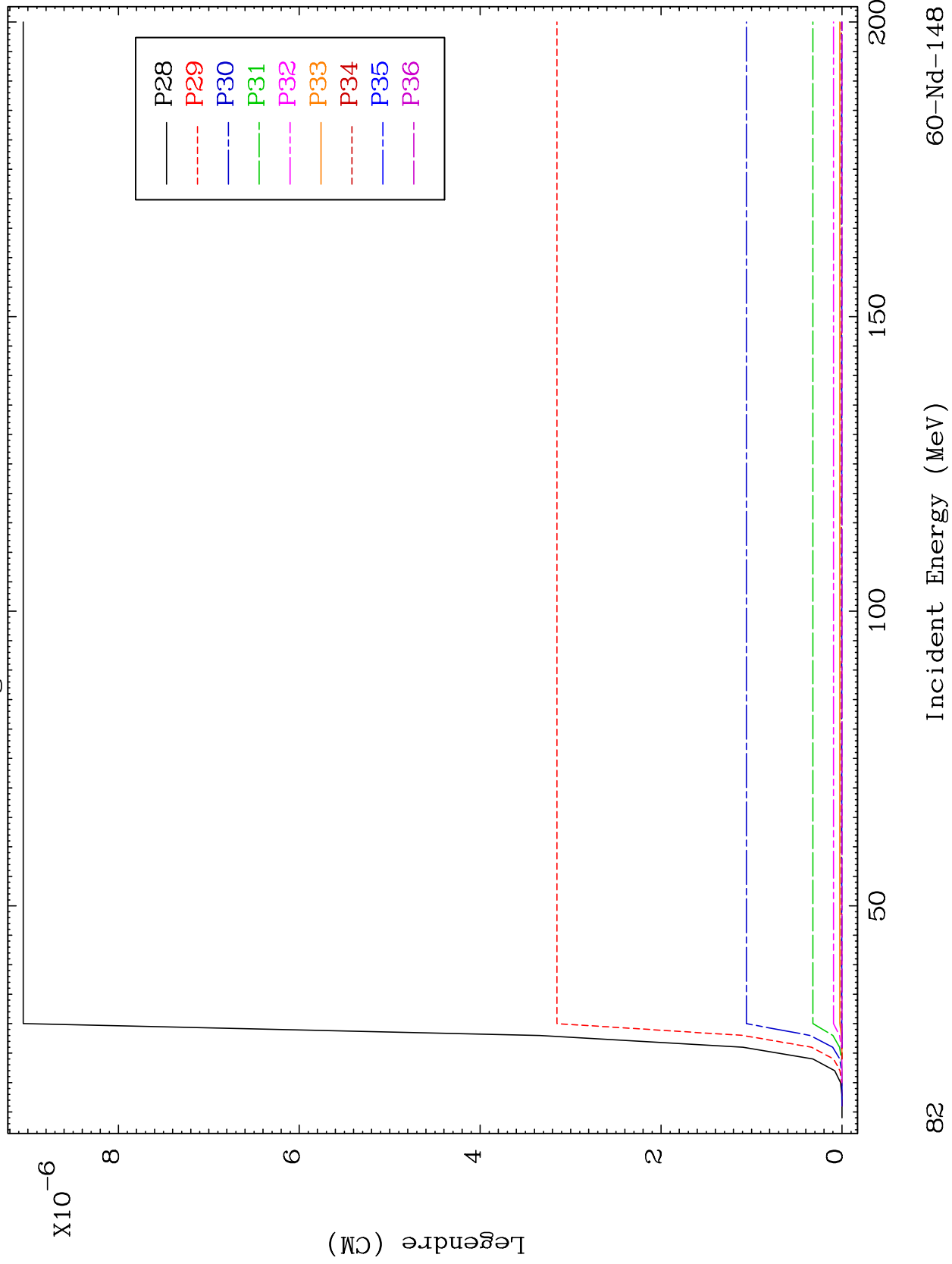
60-Nd-148

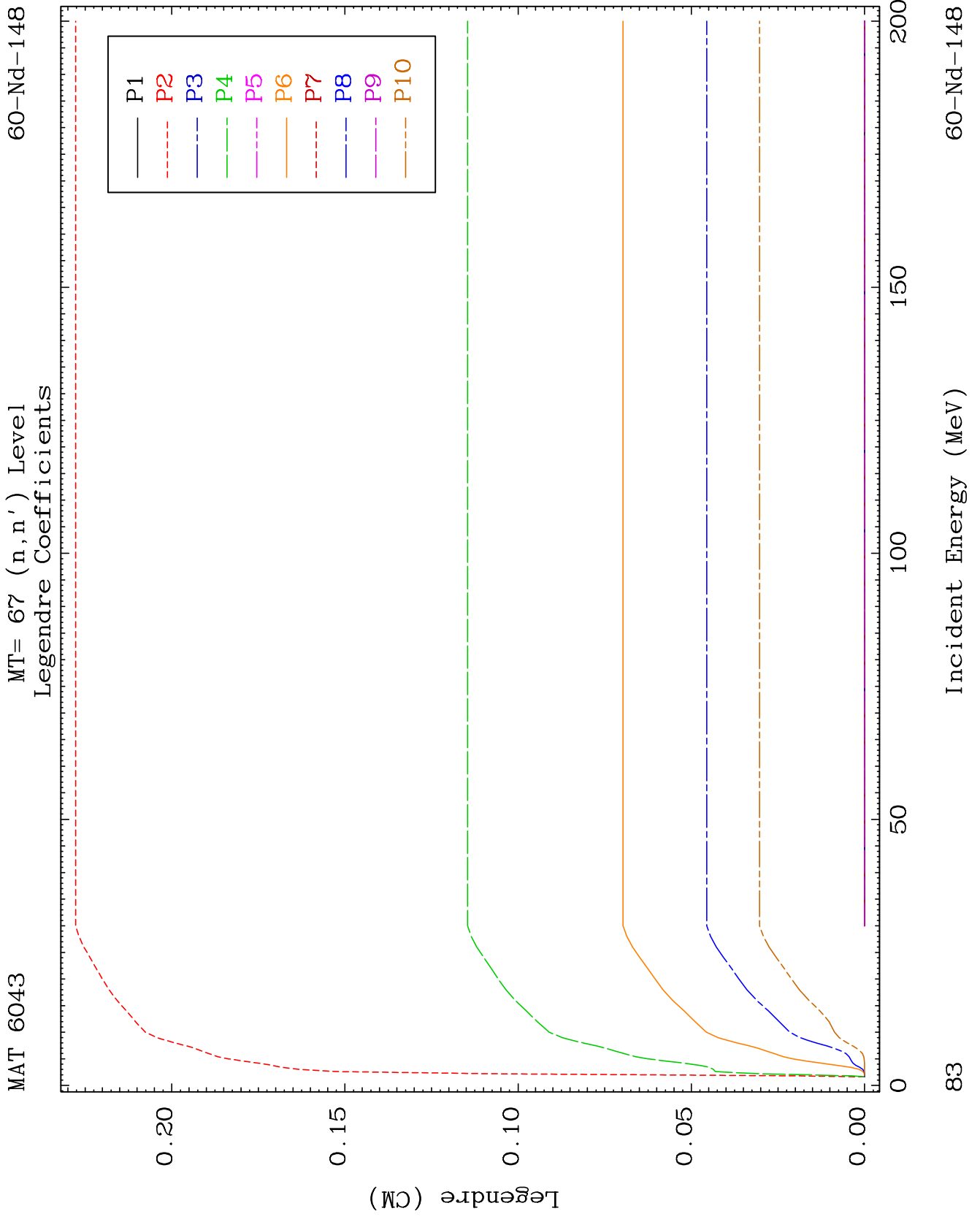


MAT 6043

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

60-Nd-148

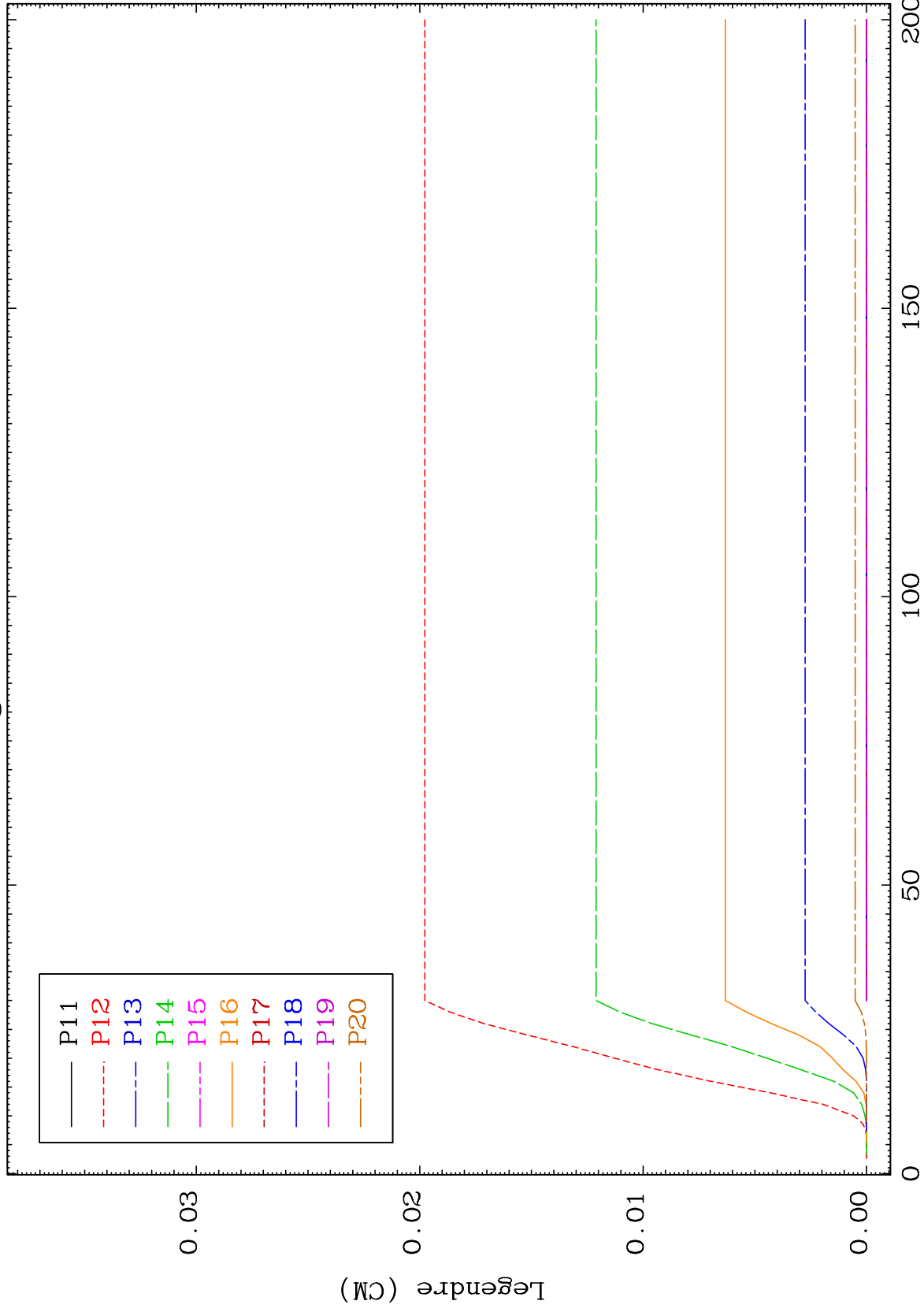




MAT 6043

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

60-Nd-148



84

Incident Energy (MeV)

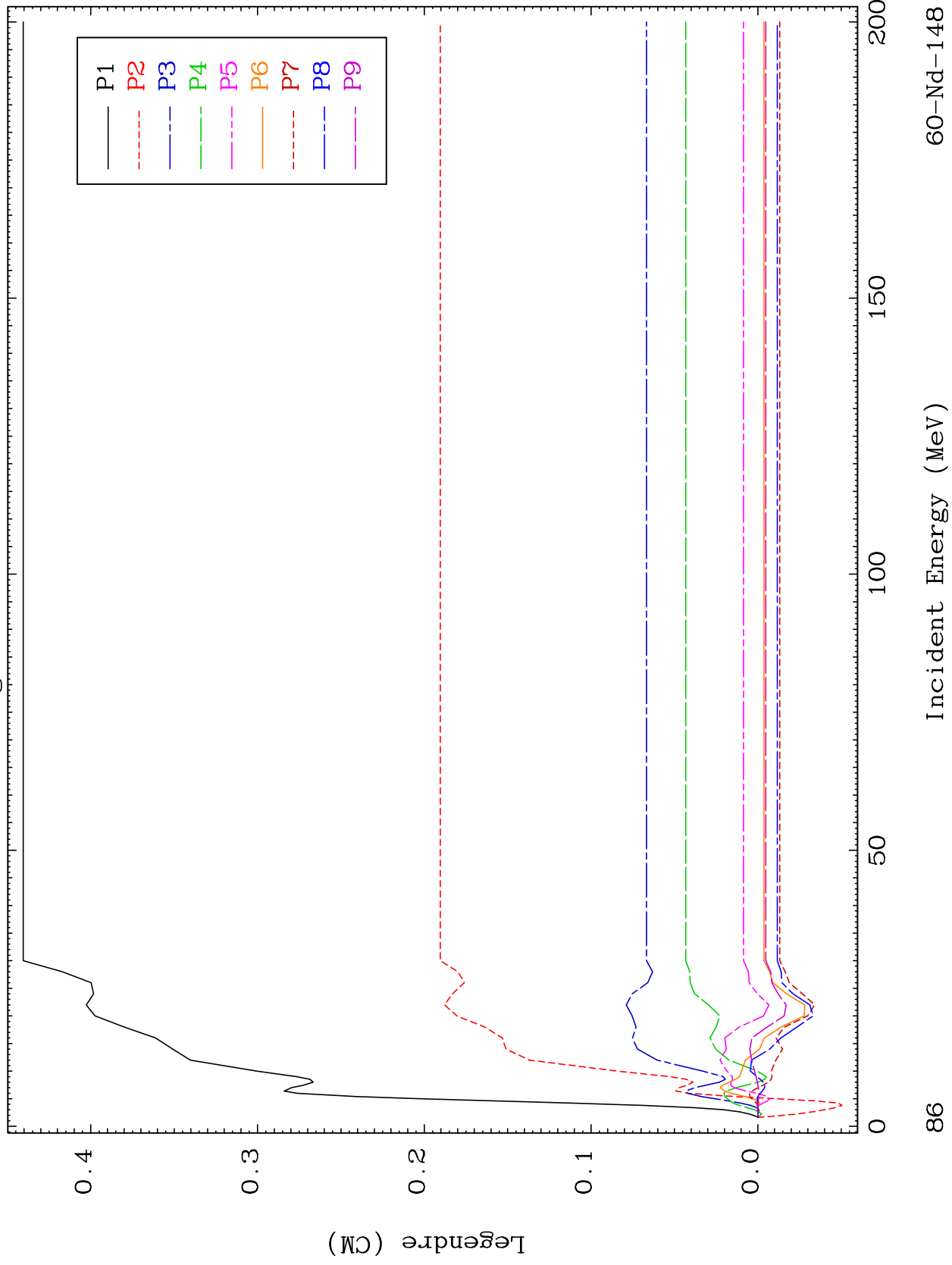
60-Nd-148



MAT 6043

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

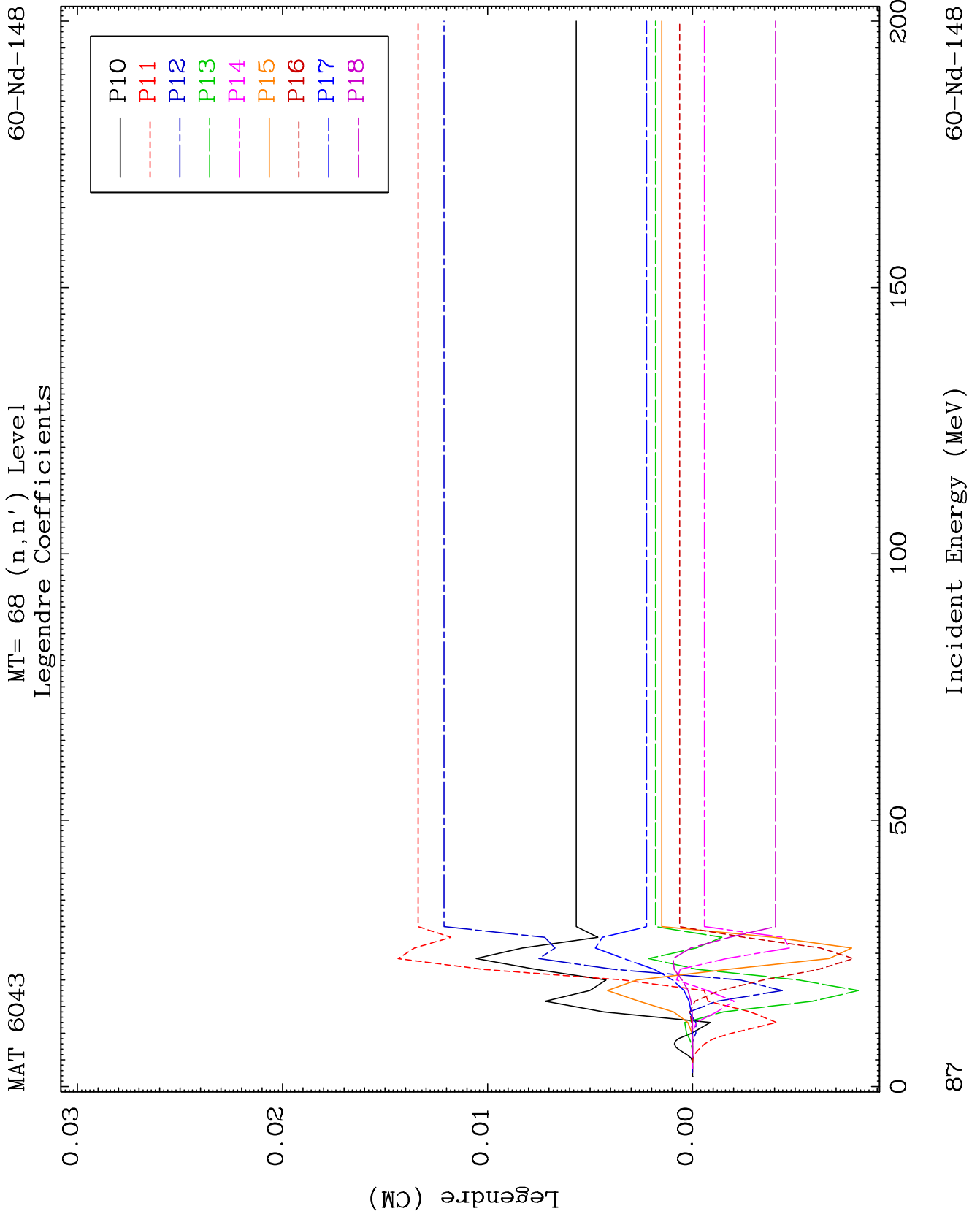
60-Nd-148



60-Nd-148

Incident Energy (MeV)

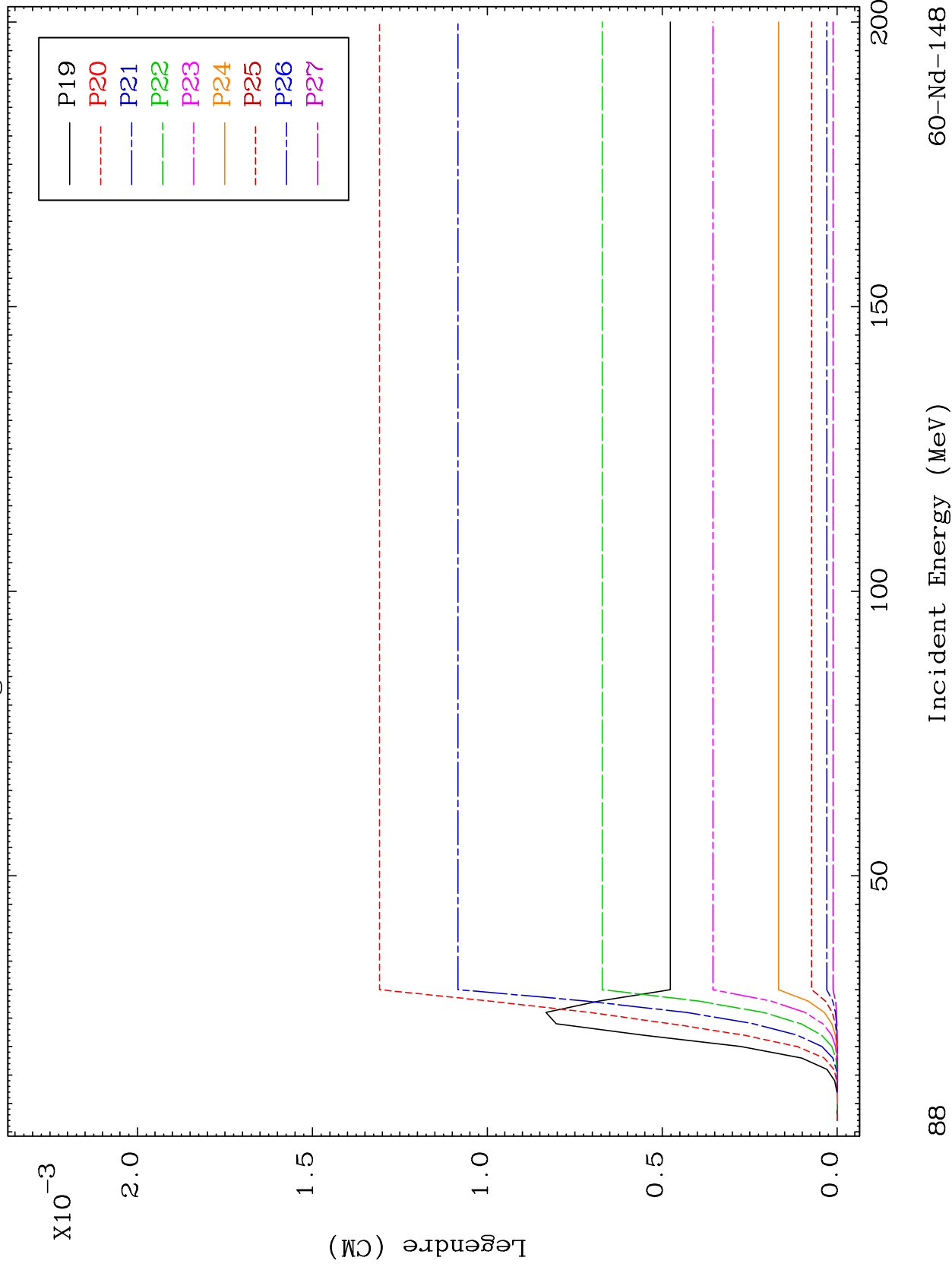
86



MAT 6043

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

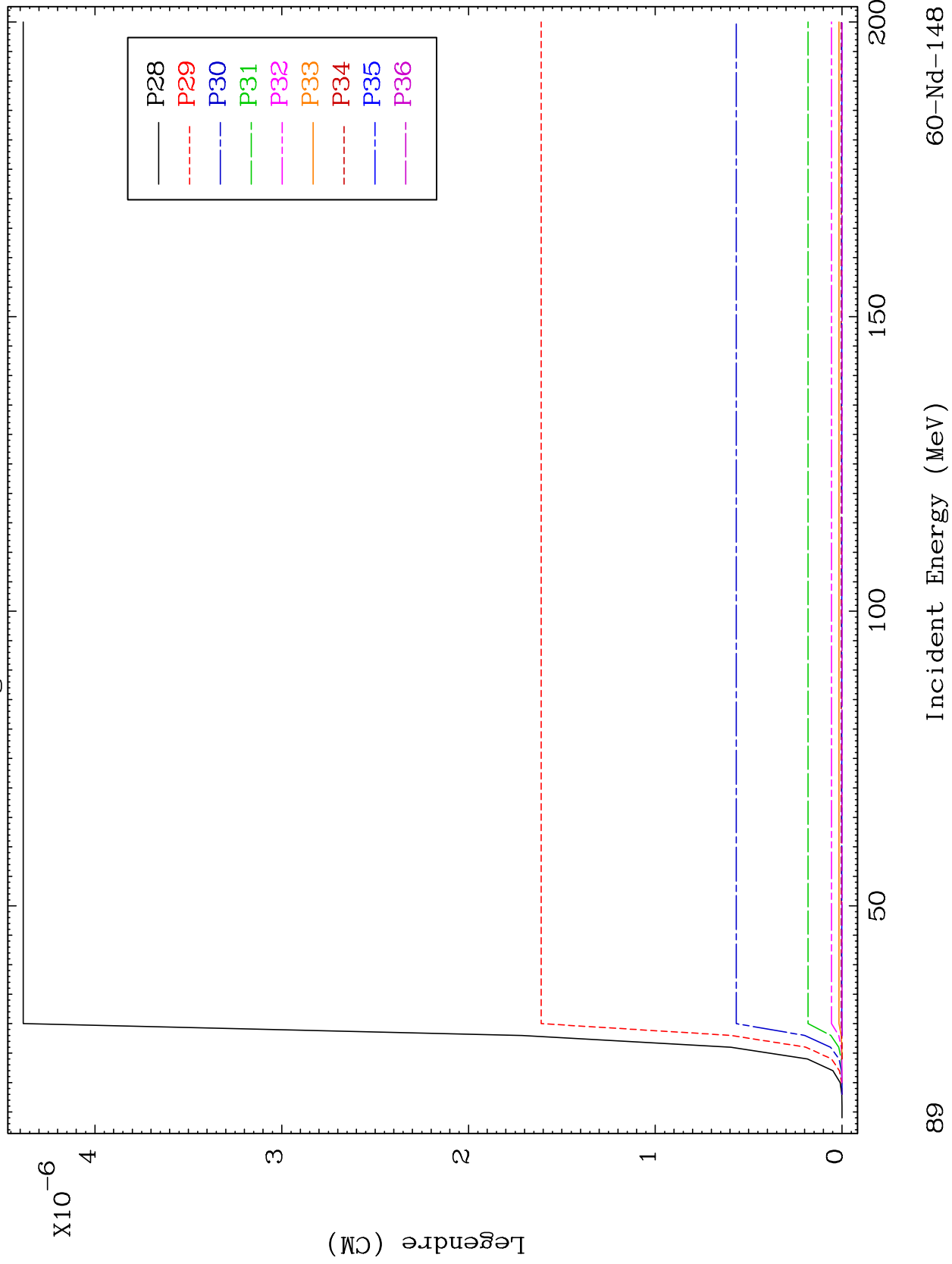
60-Nd-148



MAT 6043

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

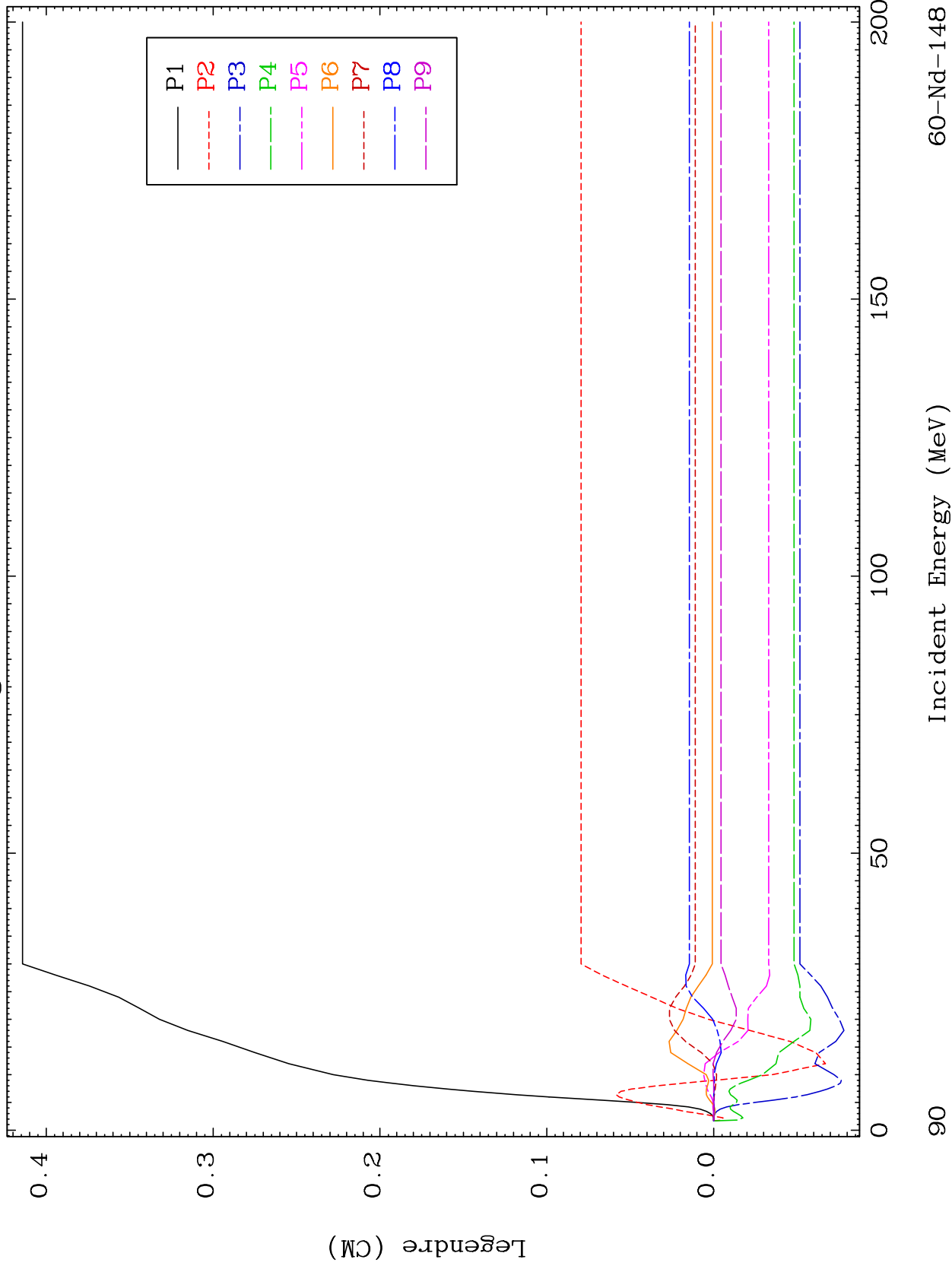
60-Nd-148



MAT 6043

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

60-Nd-148

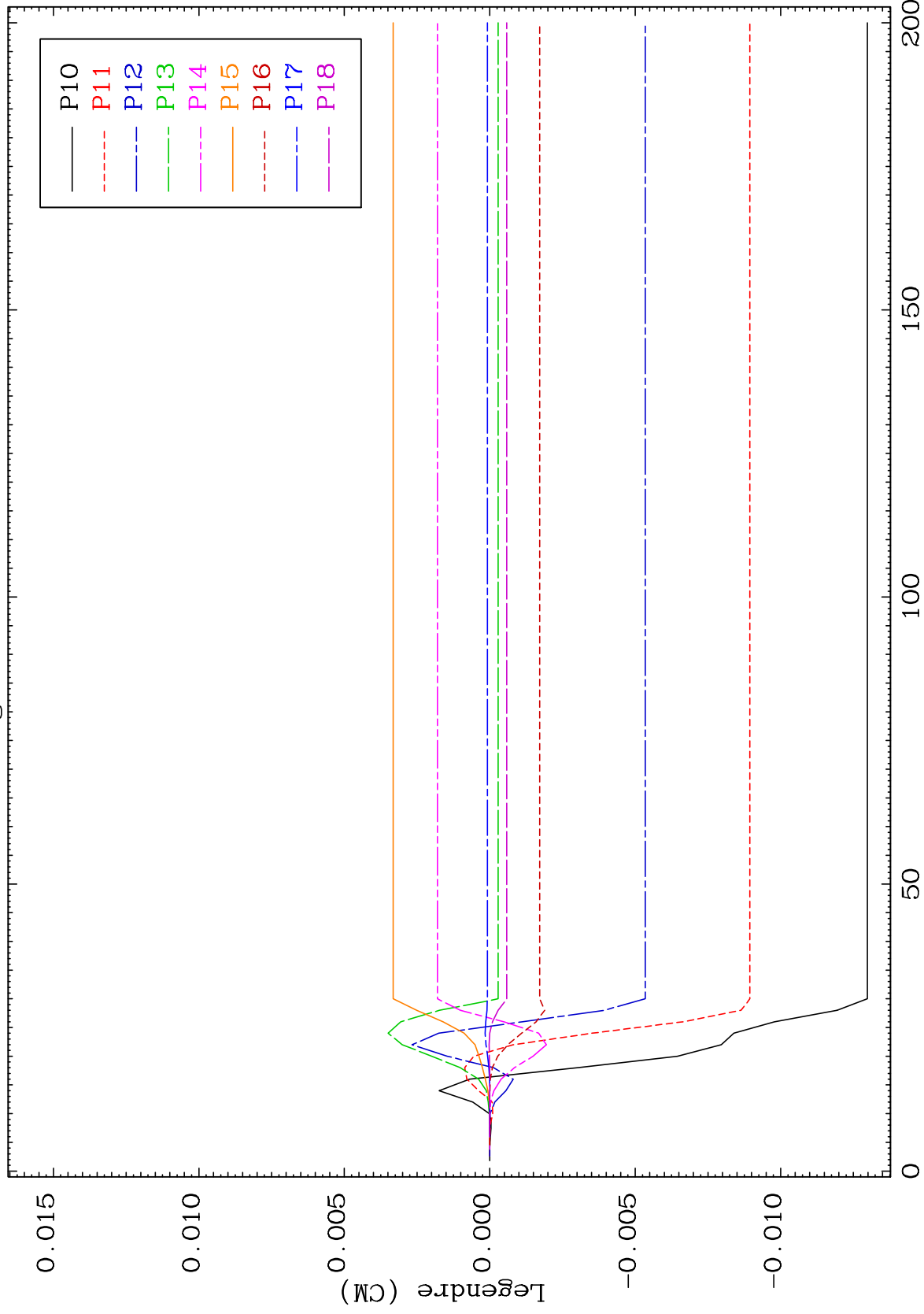


60-Nd-148

MAT 6043

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

60-Nd-148



91

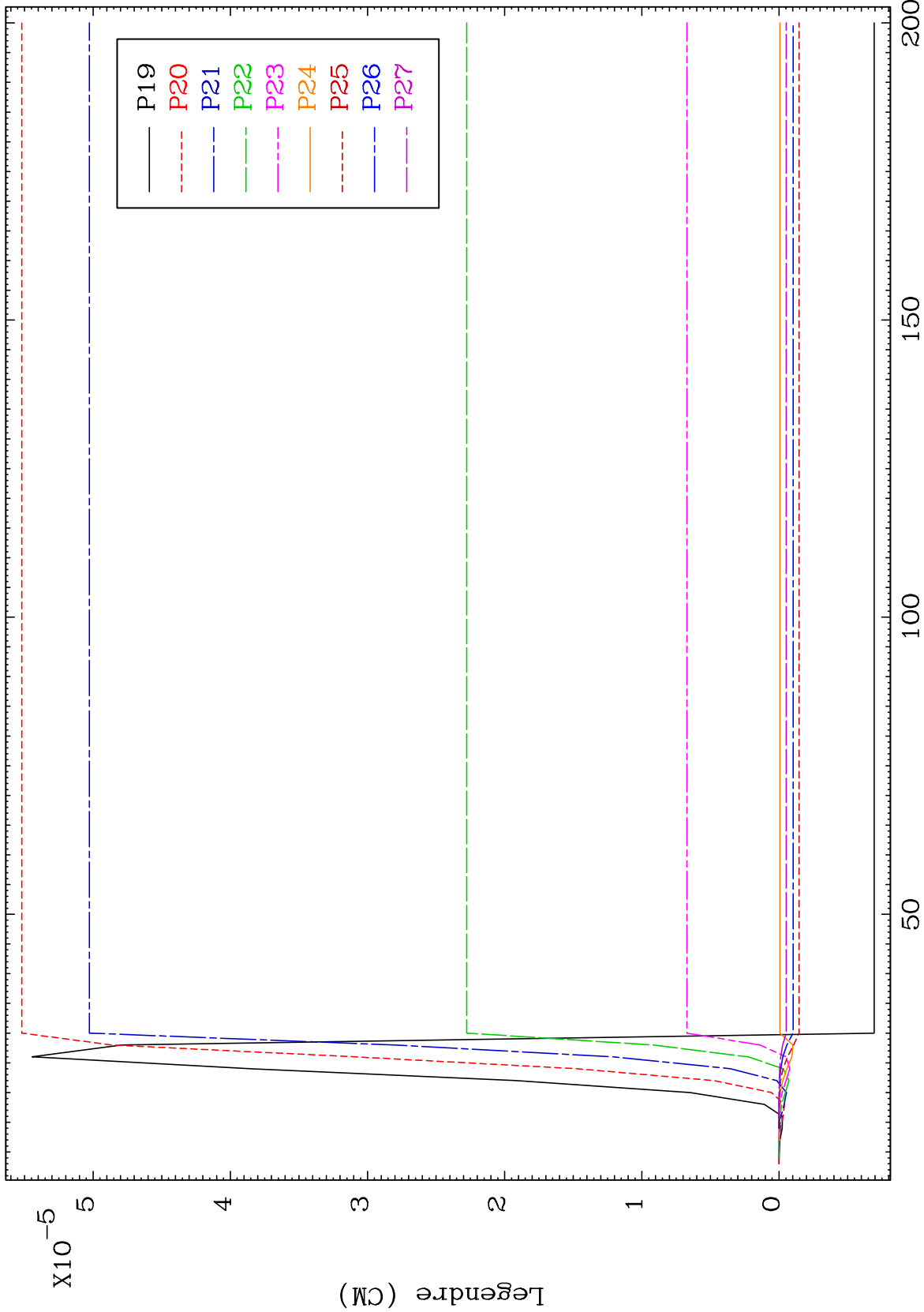
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

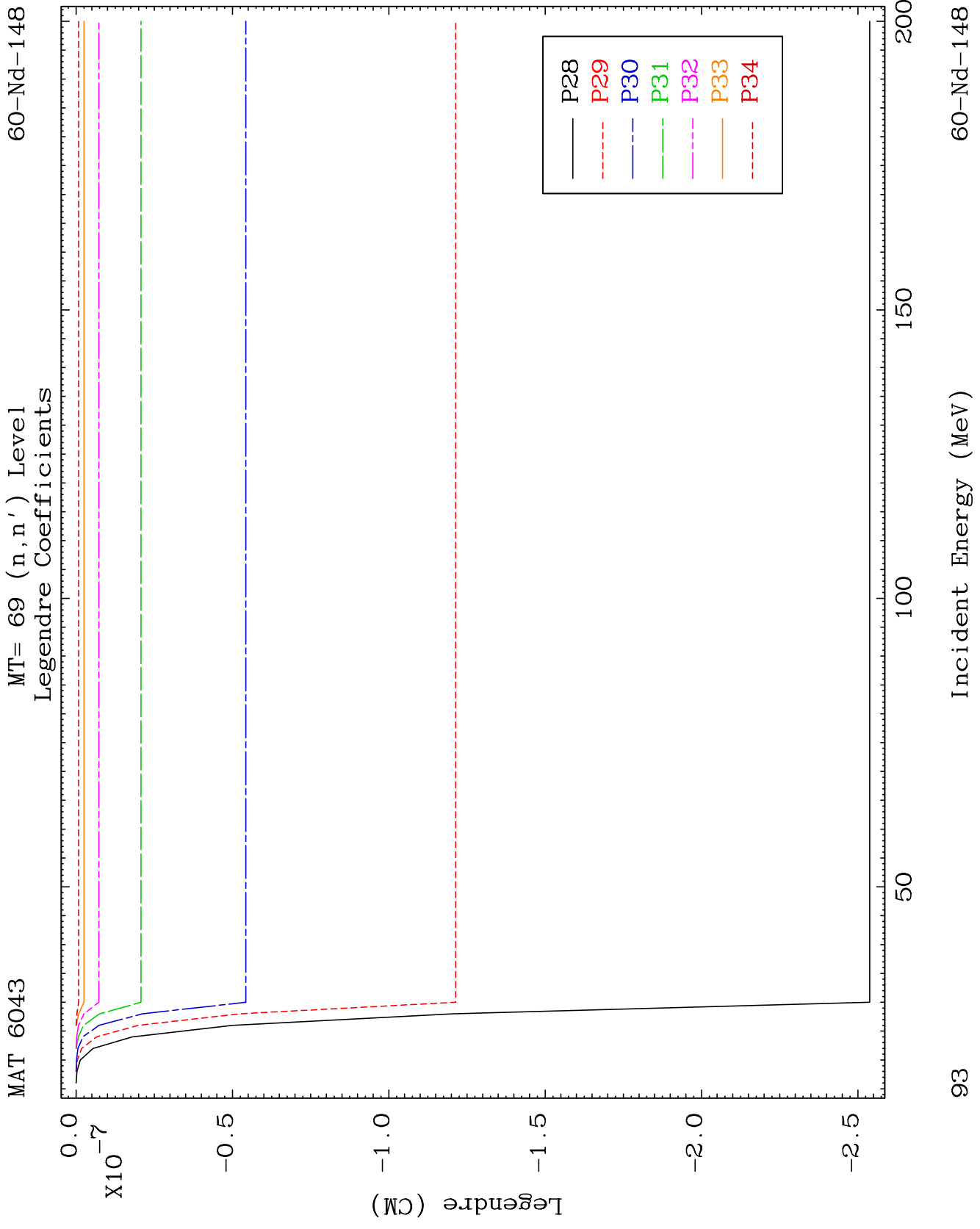
60-Nd-148



92

Incident Energy (MeV)

60-Nd-148

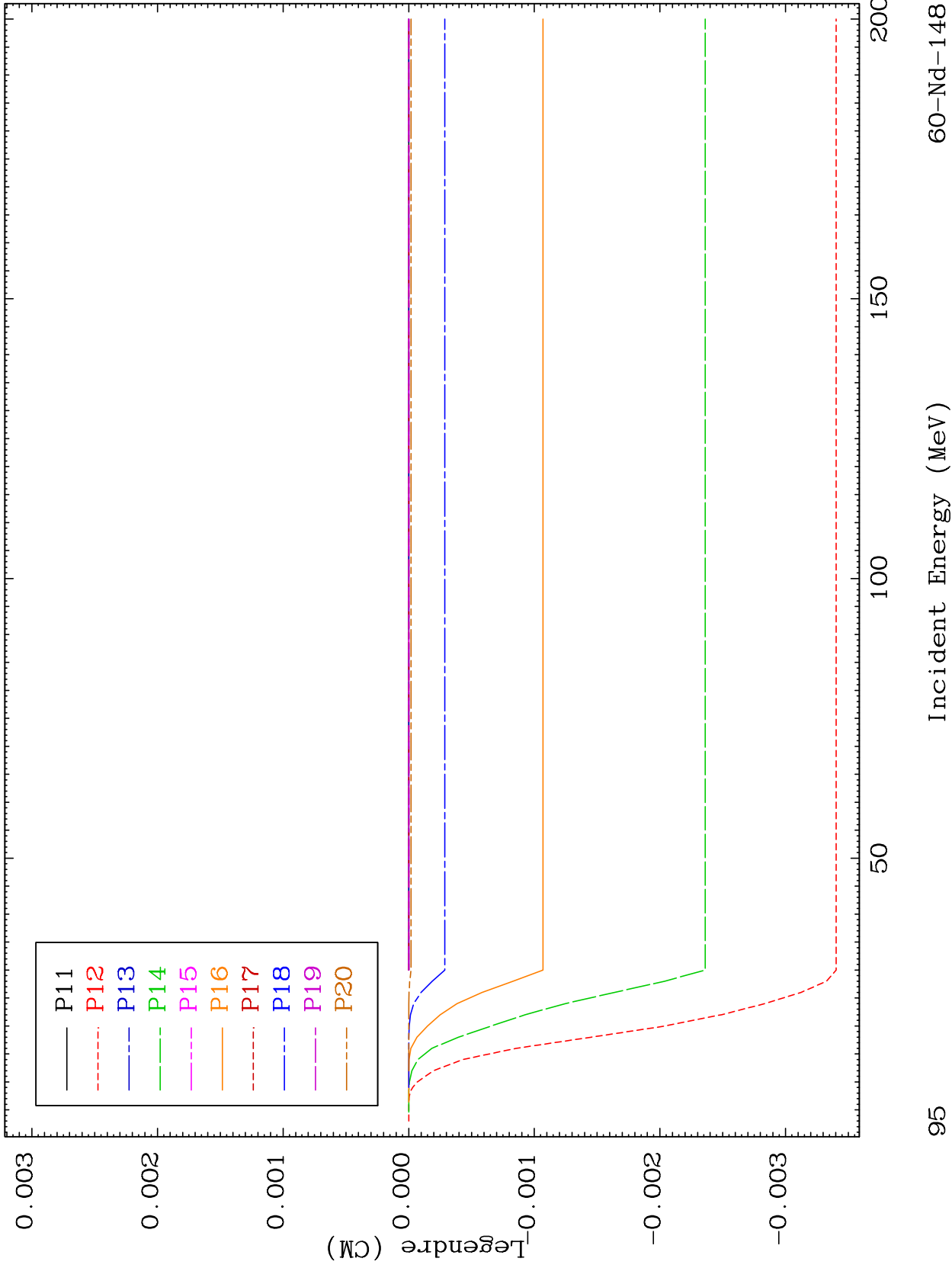




MAT 6043

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

60-Nd-148



95

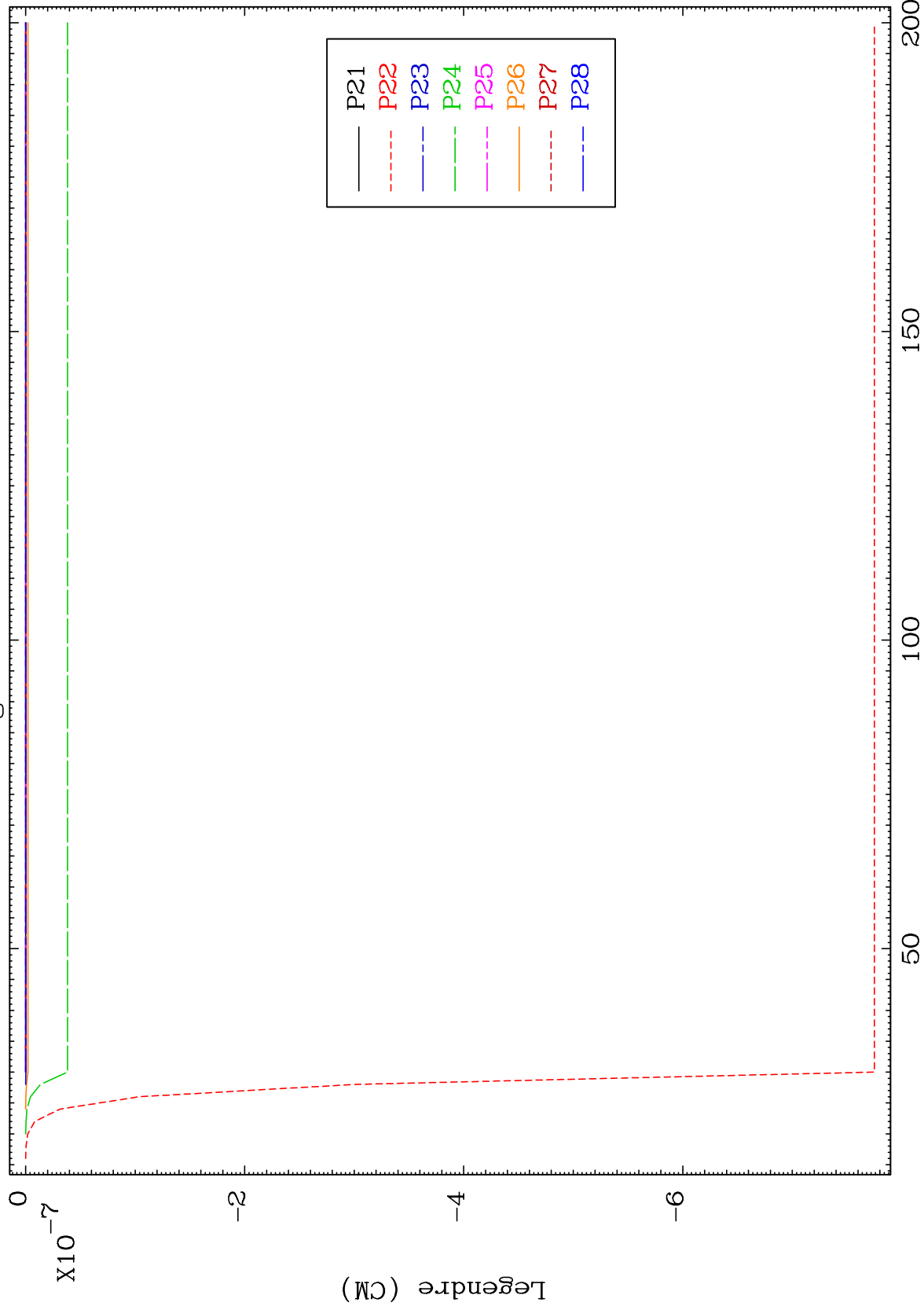
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



96

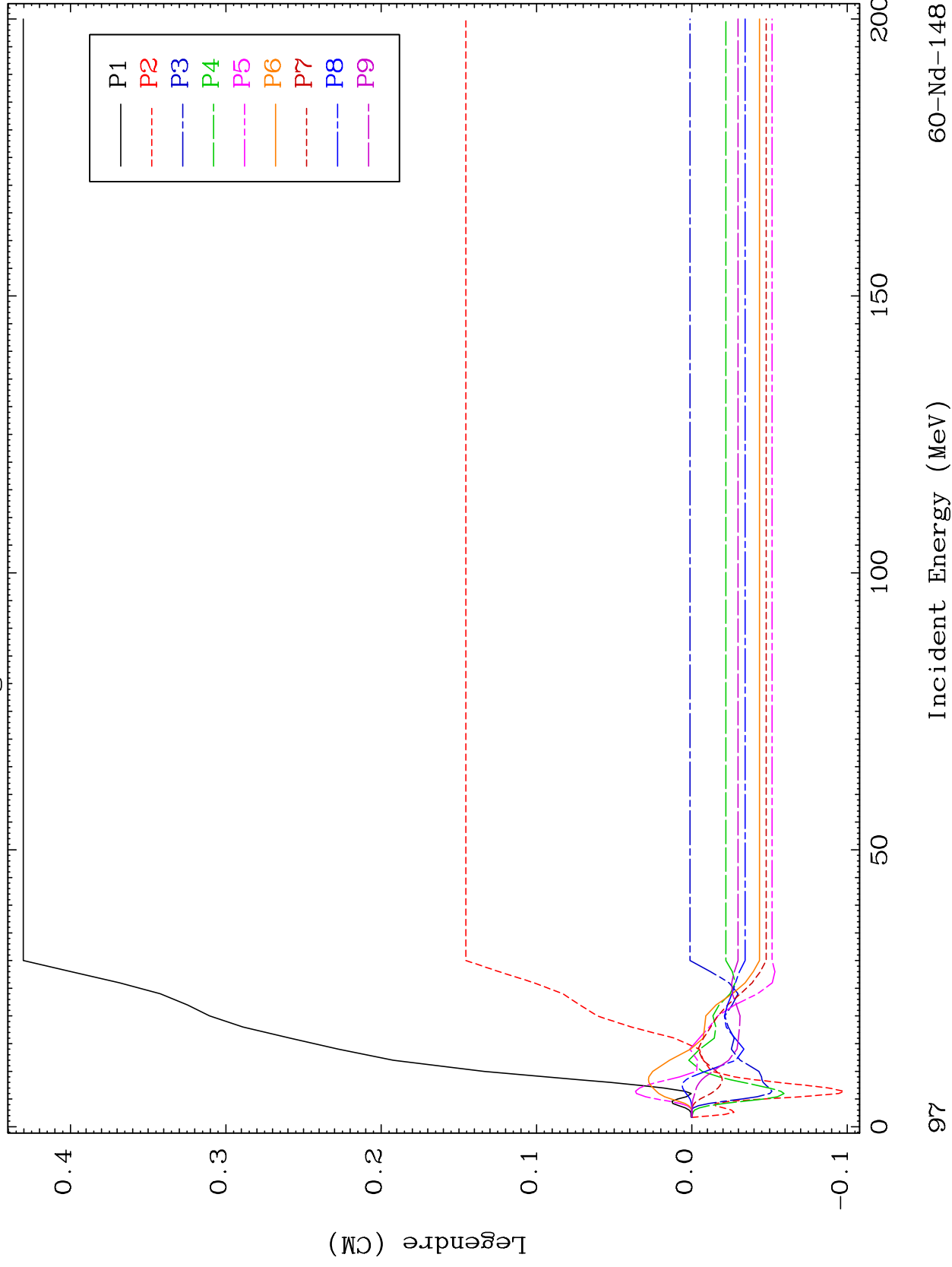
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

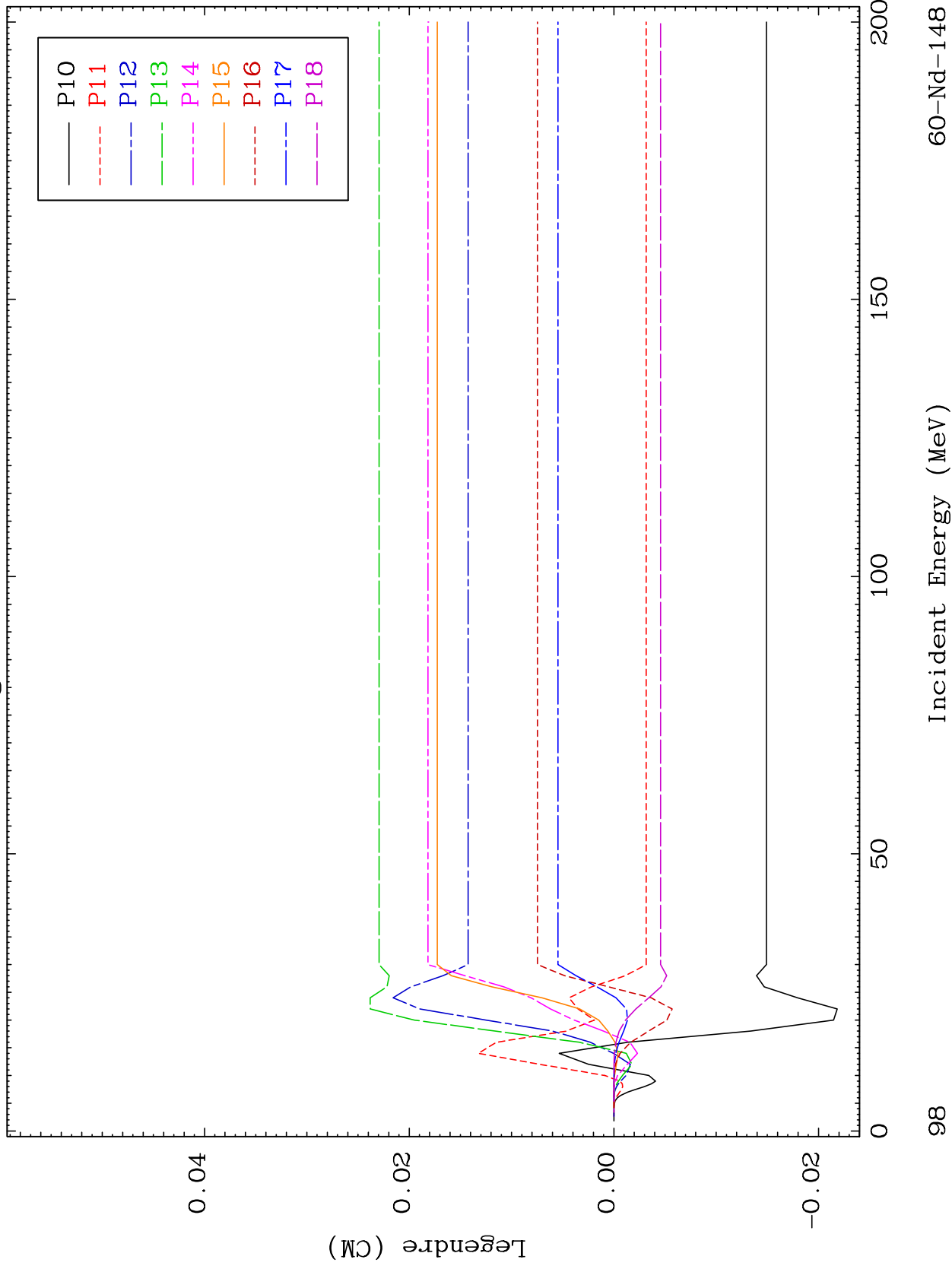
Incident Energy (MeV)

97

MAT 6043

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

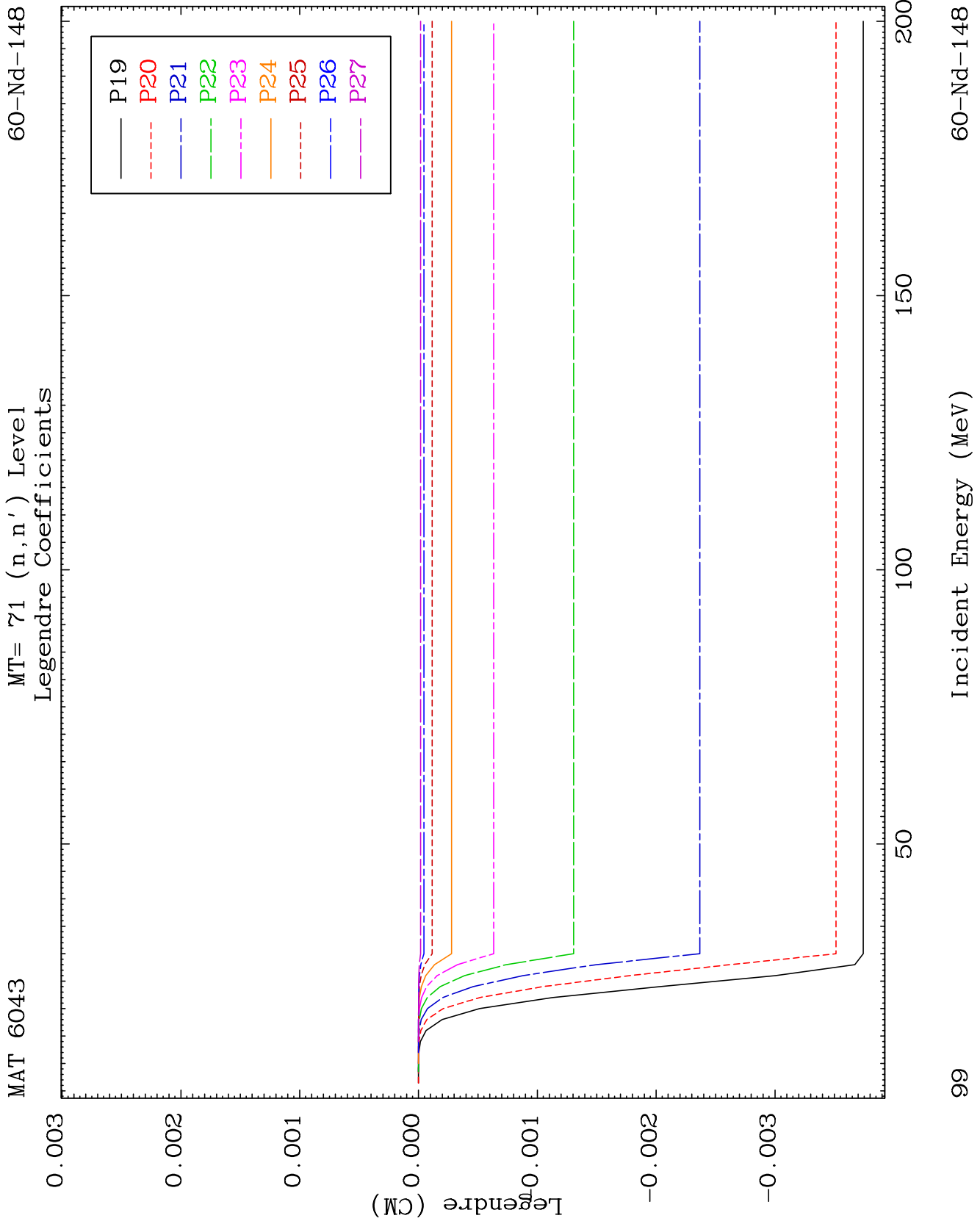
60-Nd-148

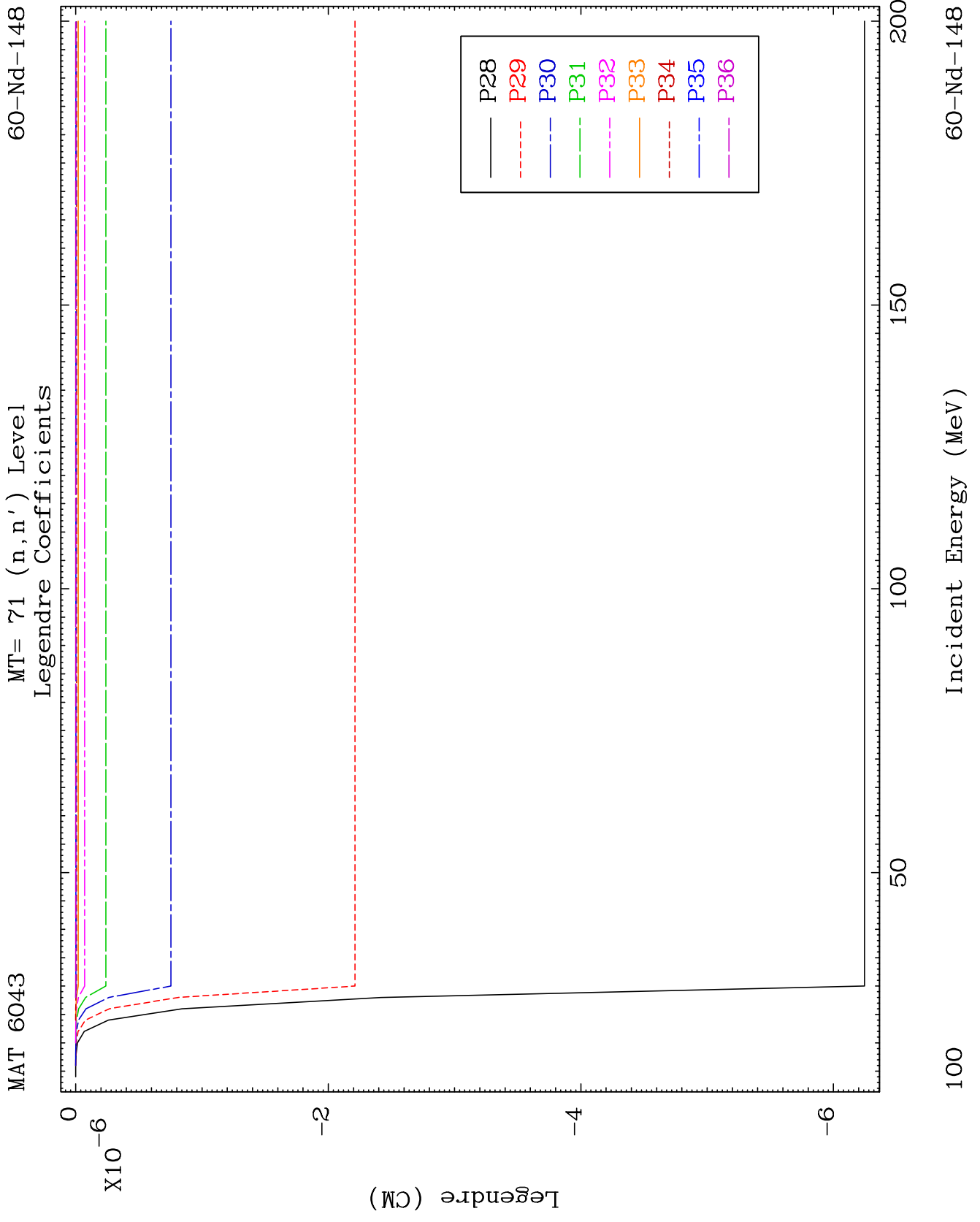


60-Nd-148

Incident Energy (MeV)

98



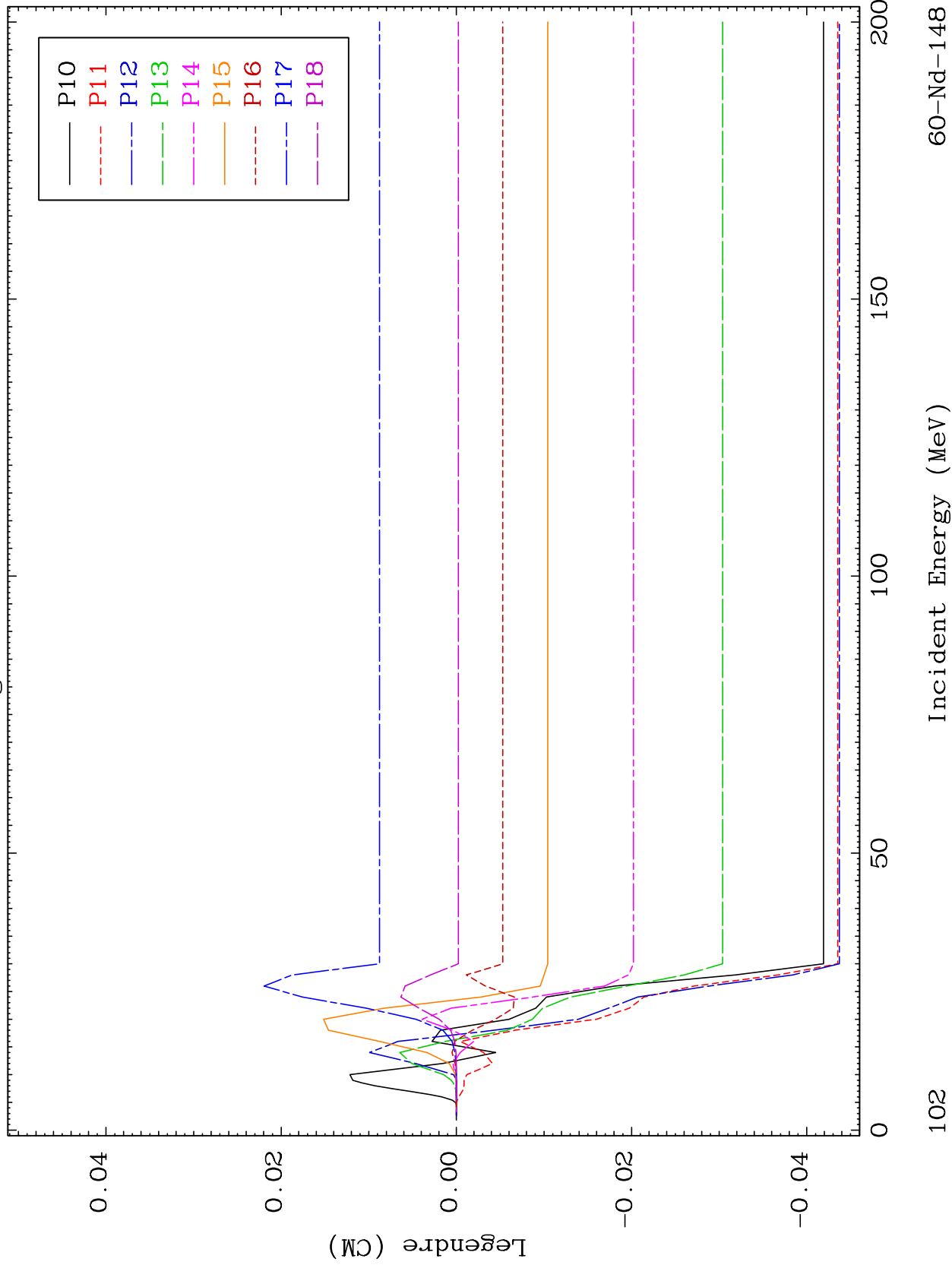




MAT 6043

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

60-Nd-148



60-Nd-148

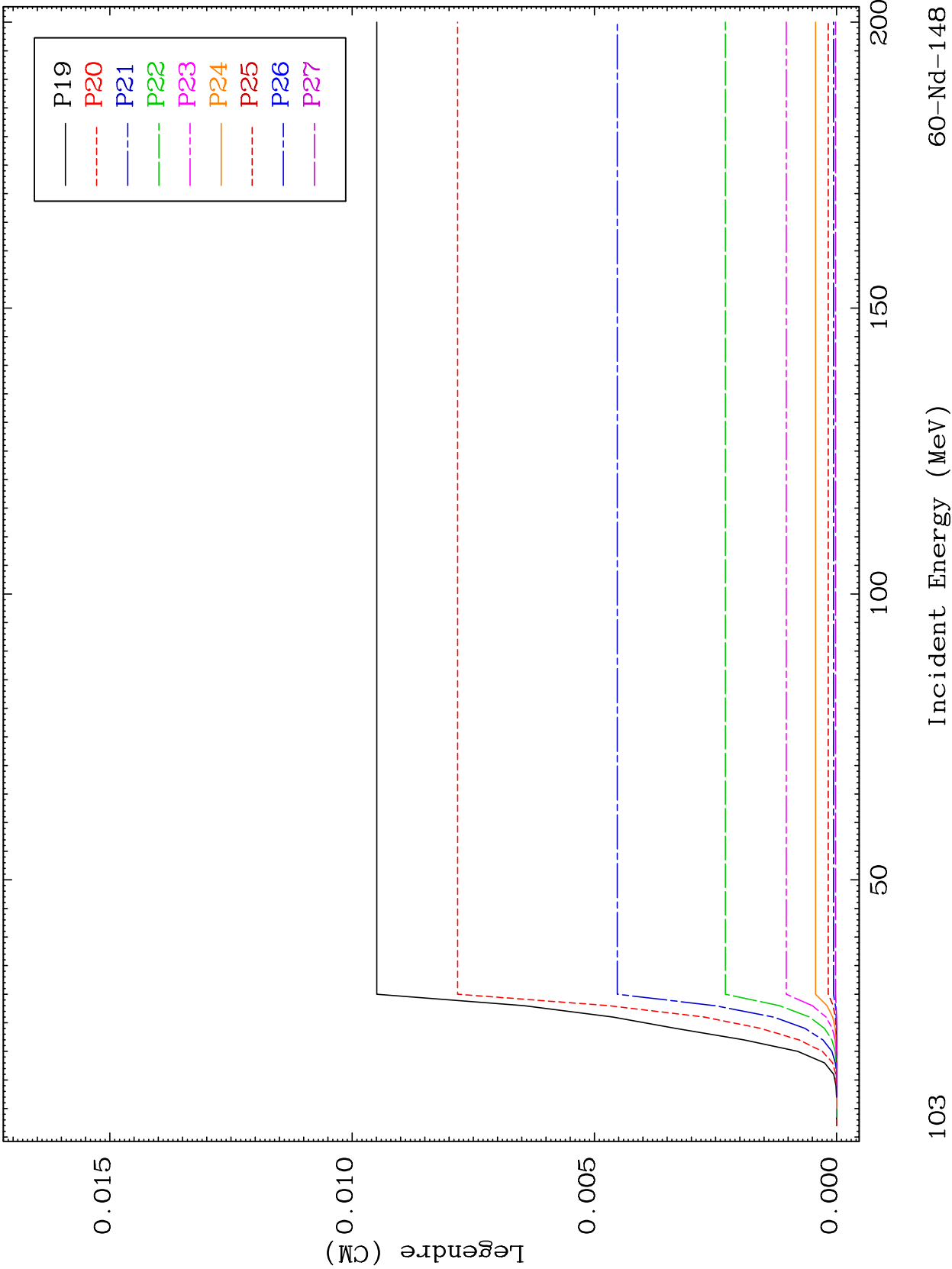
Incident Energy (MeV)

102

MAT 6043

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

60-Nd-148



103

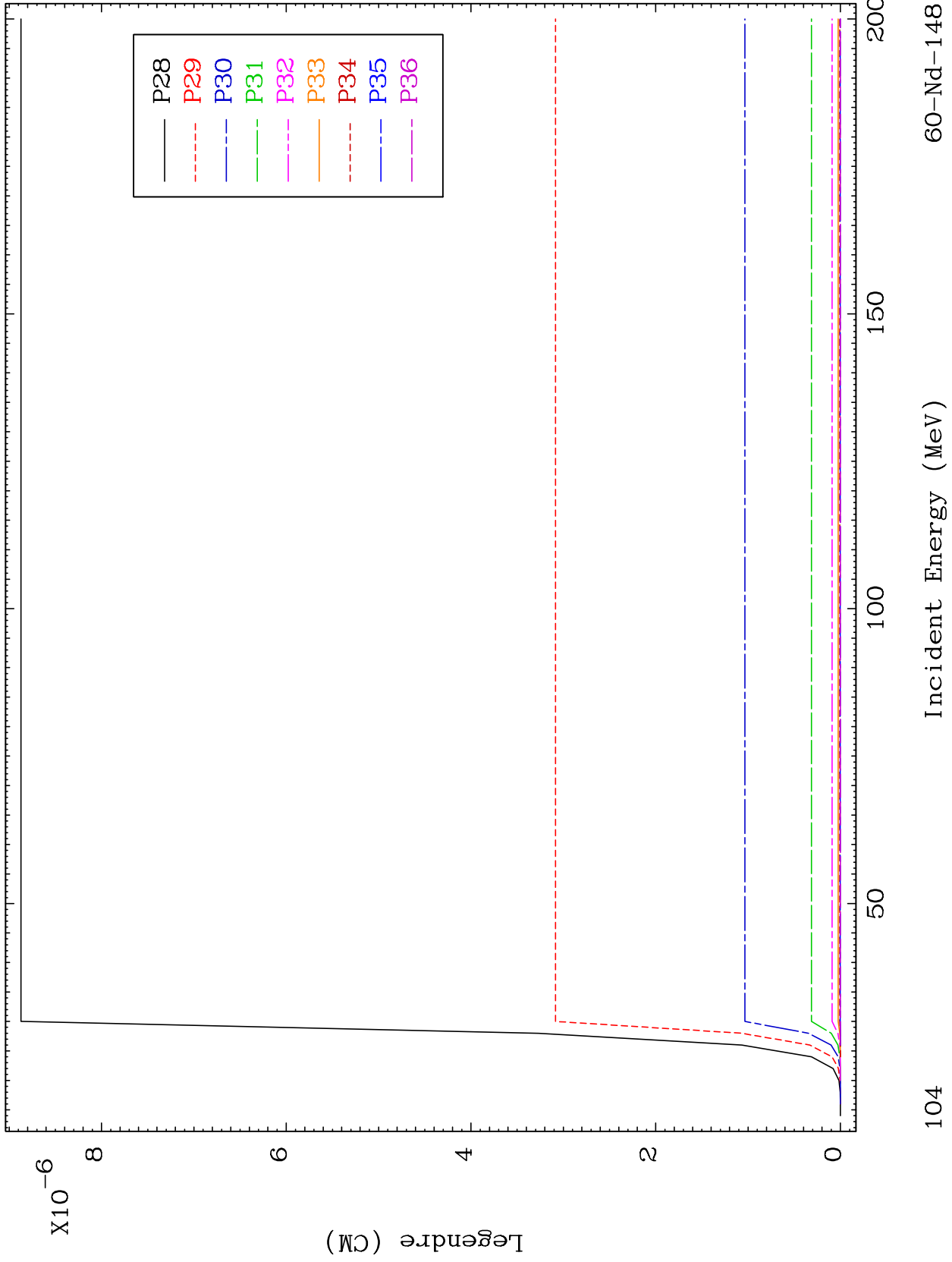
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

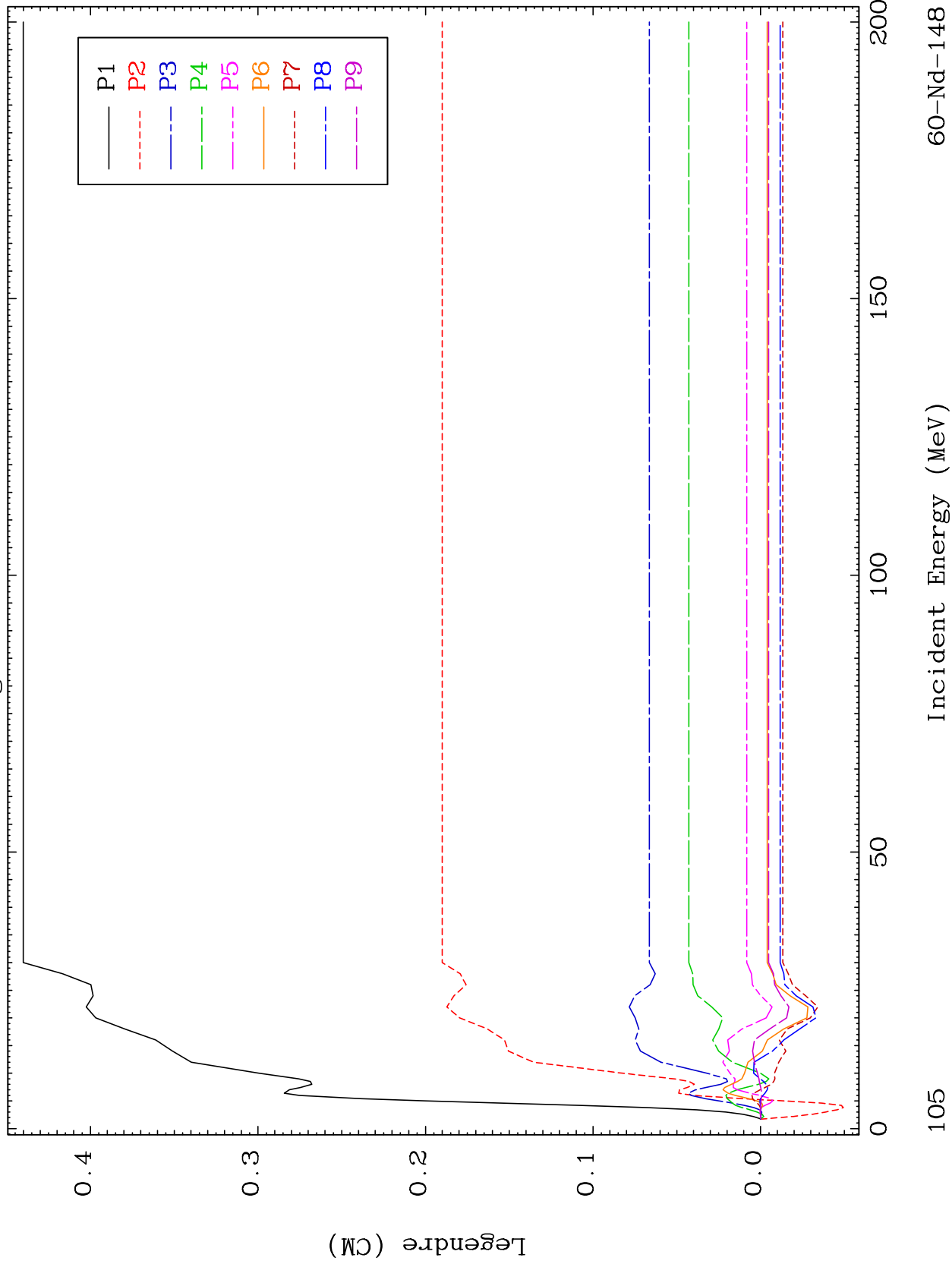


104

MAT 6043

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

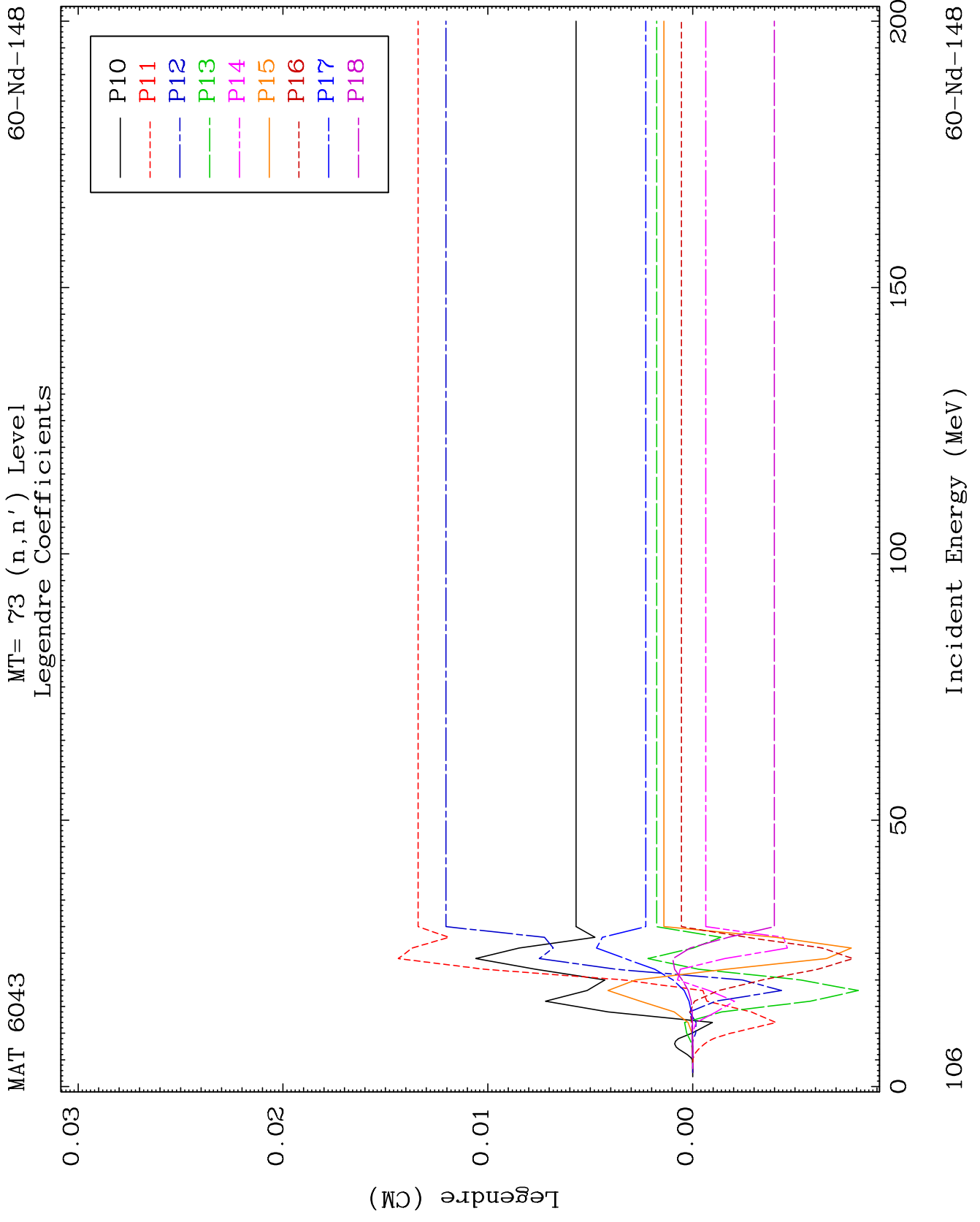
60-Nd-148



60-Nd-148

Incident Energy (MeV)

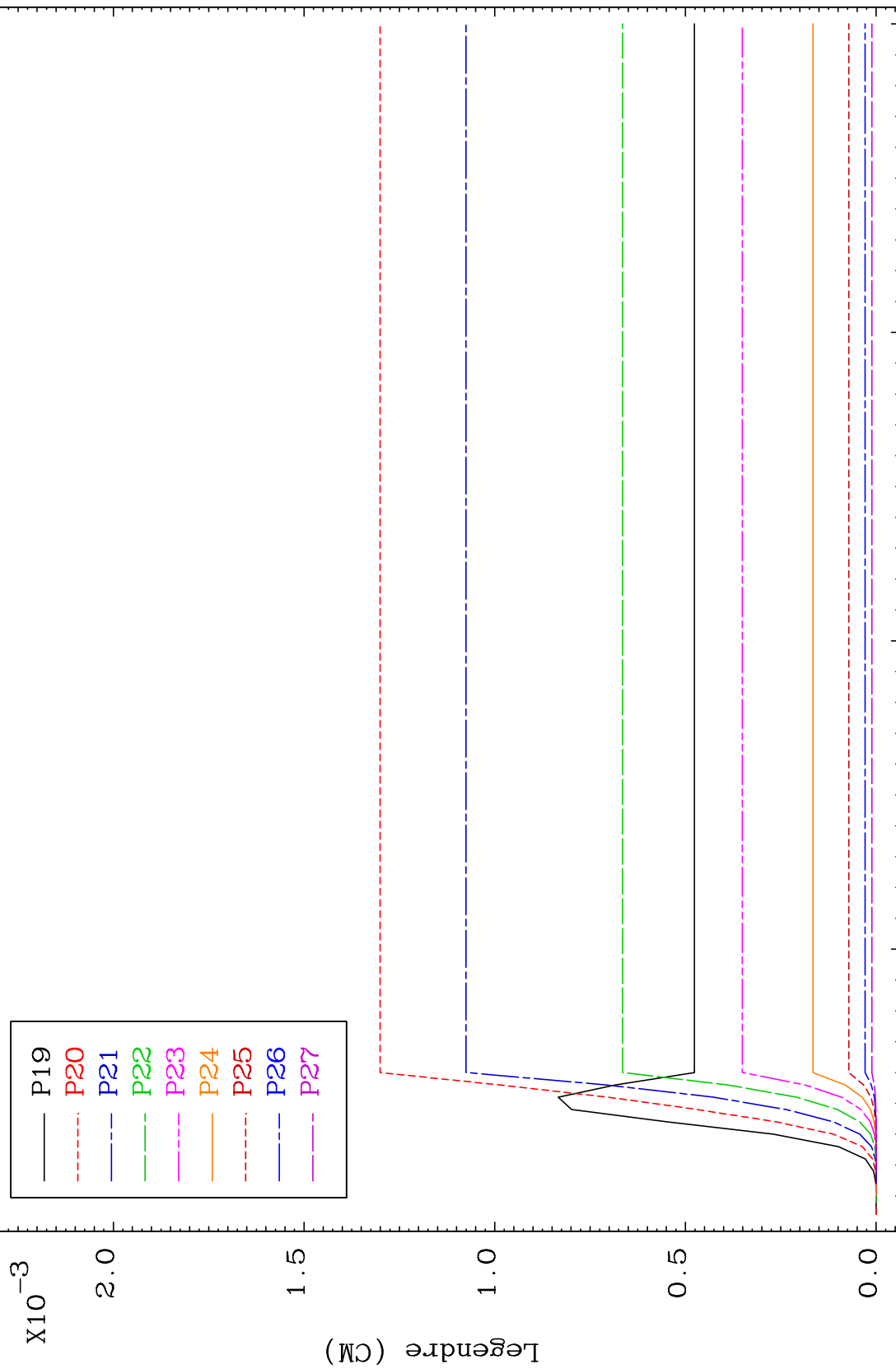
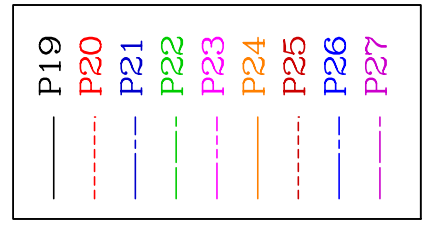
Legendre (CM)



MAT 6043

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

60-Nd-148



107

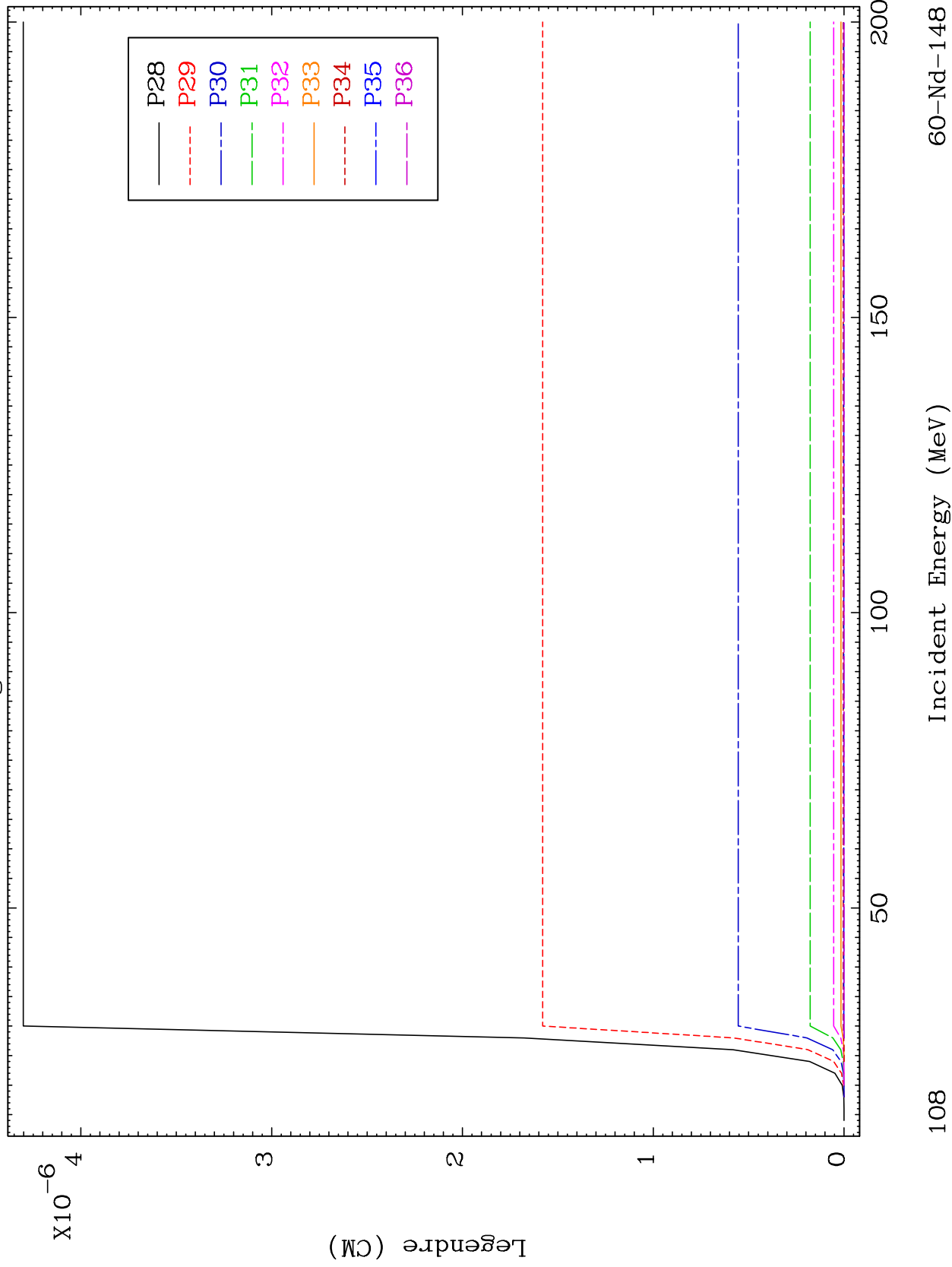
Incident Energy (MeV)

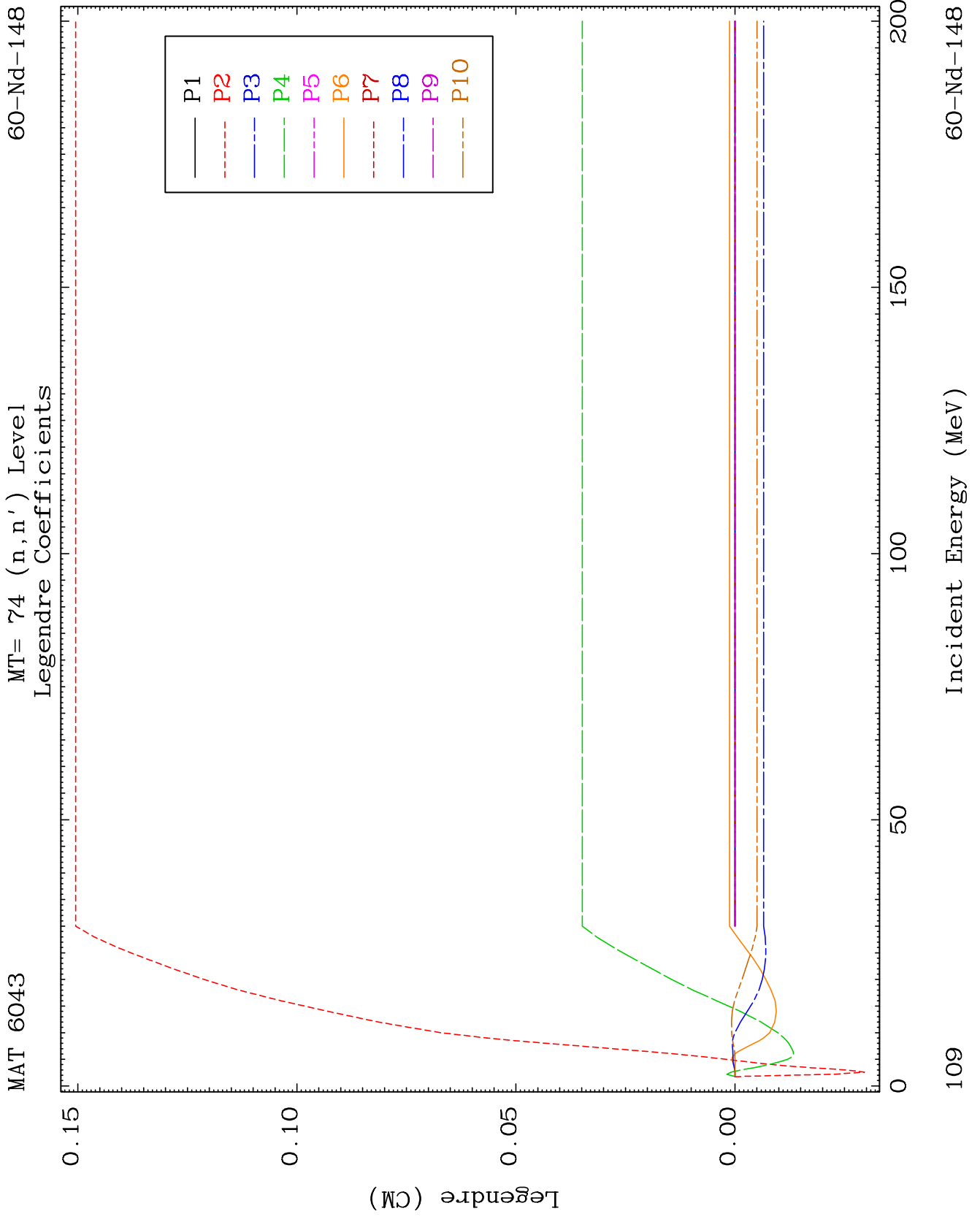
60-Nd-148

MAT 6043

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

60-Nd-148



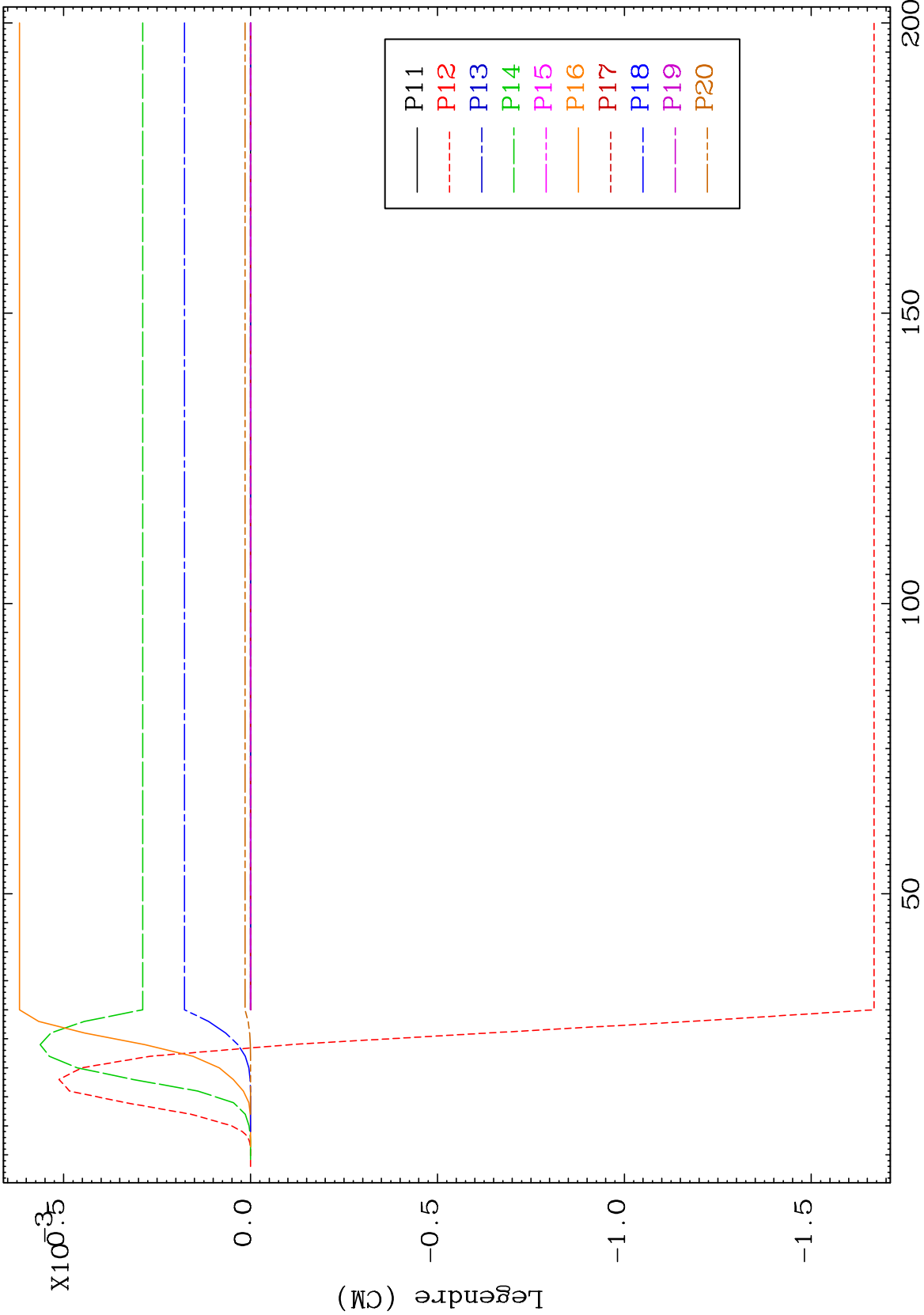


MAT 6043

MT= 74 (n,n') Level

60-Nd-148

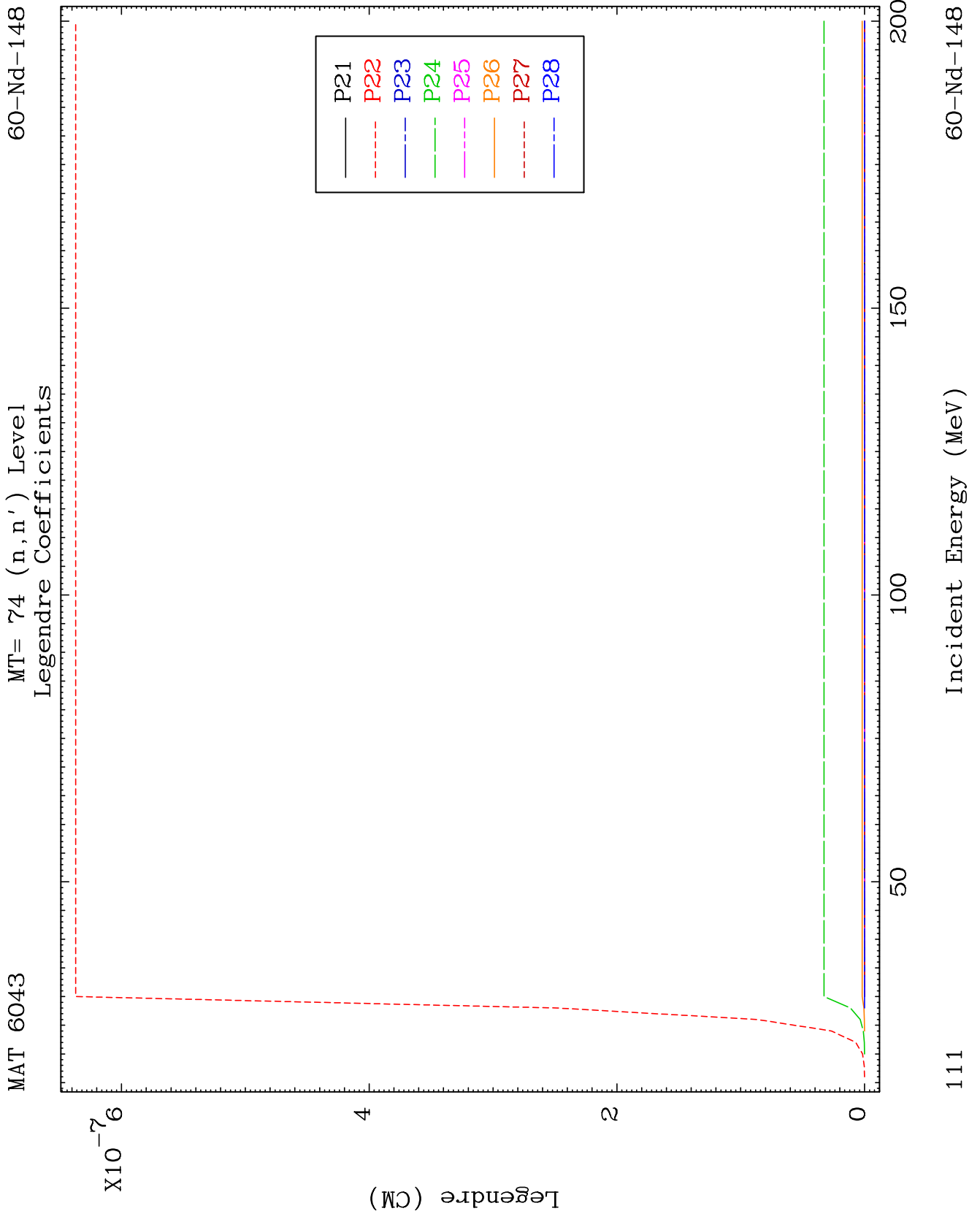
Legendre Coefficients



110

Incident Energy (MeV)

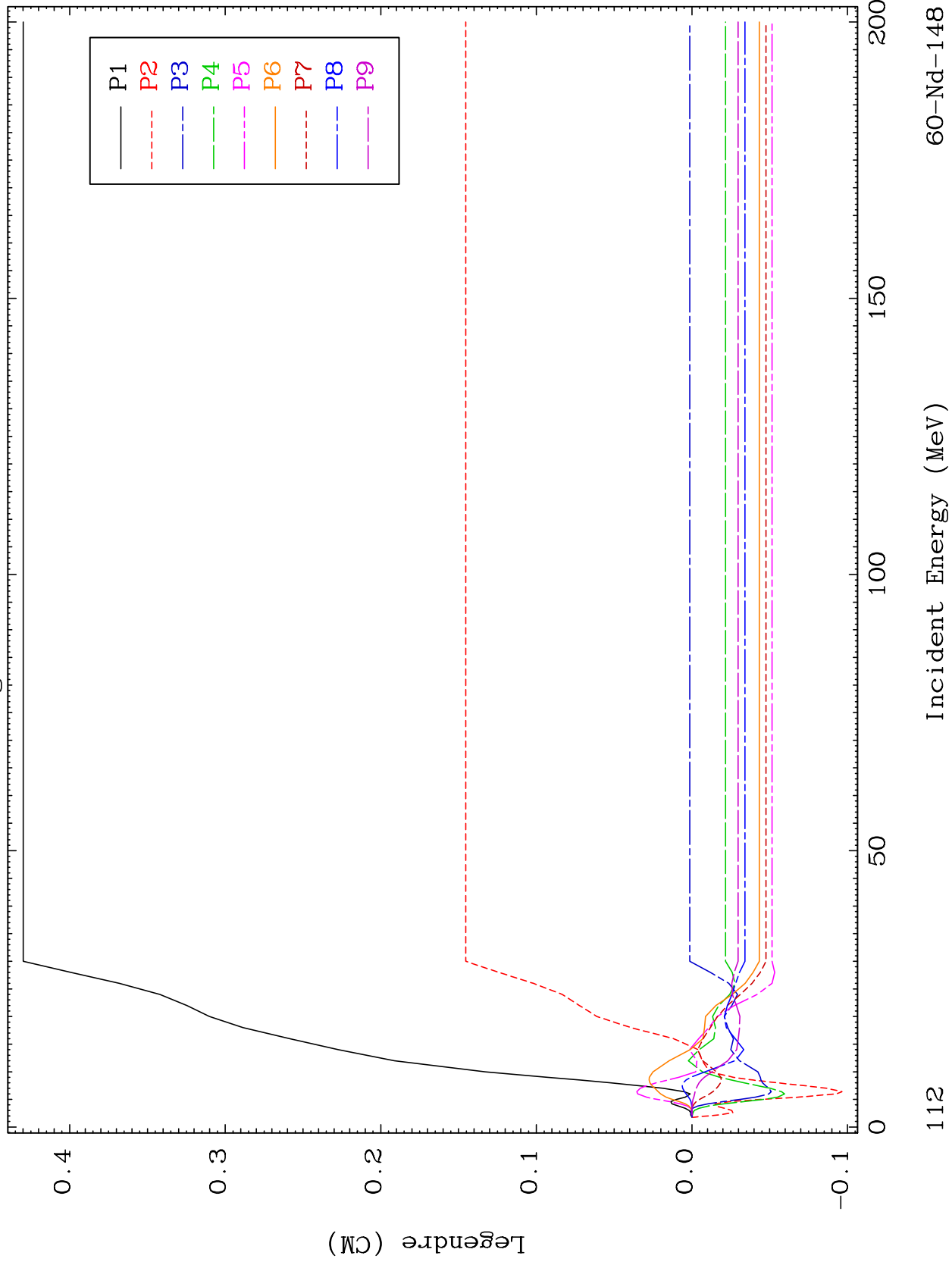
60-Nd-148



MAT 6043

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

60-Nd-148



60-Nd-148

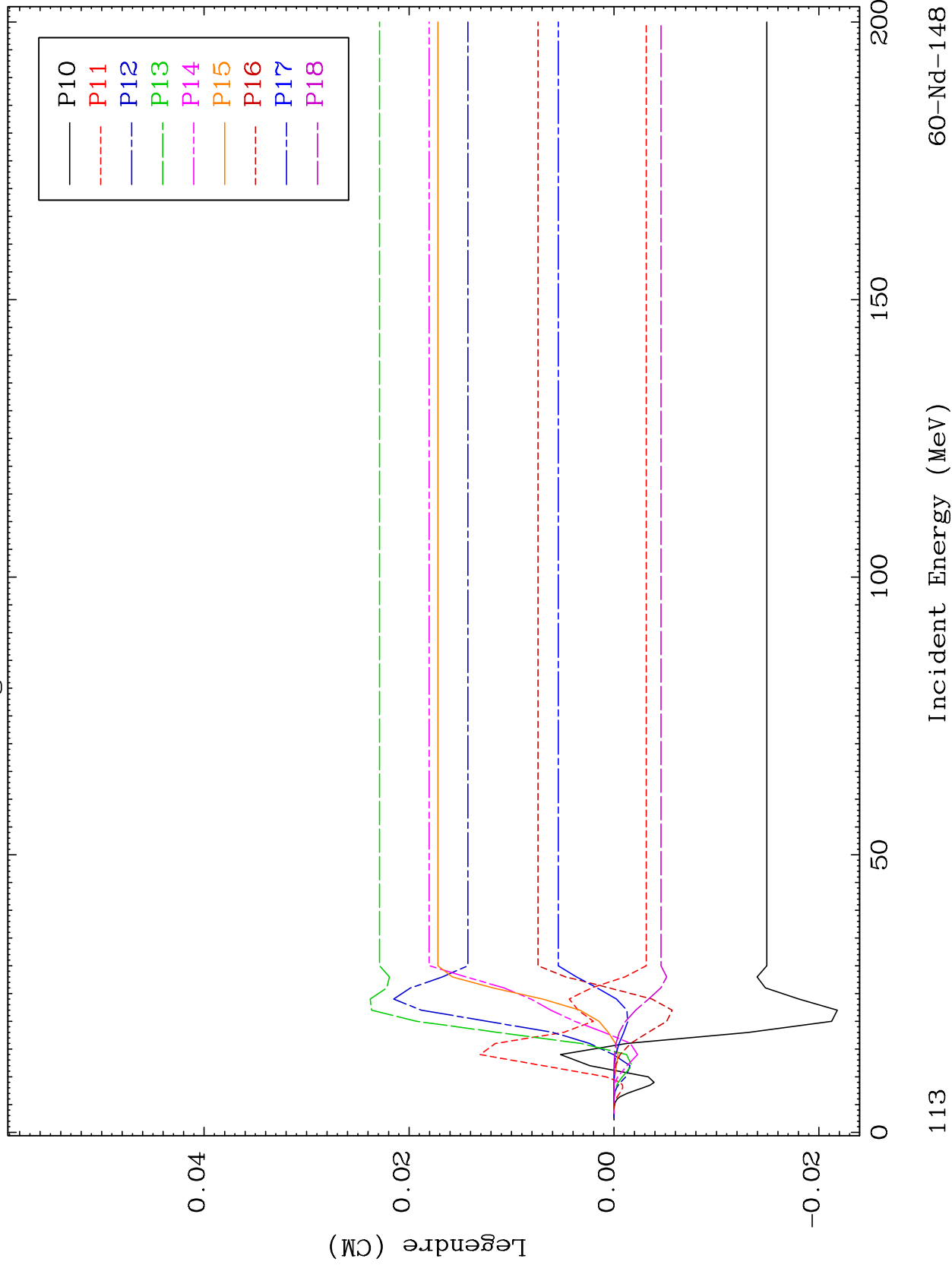
Incident Energy (MeV)

112

MAT 6043

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

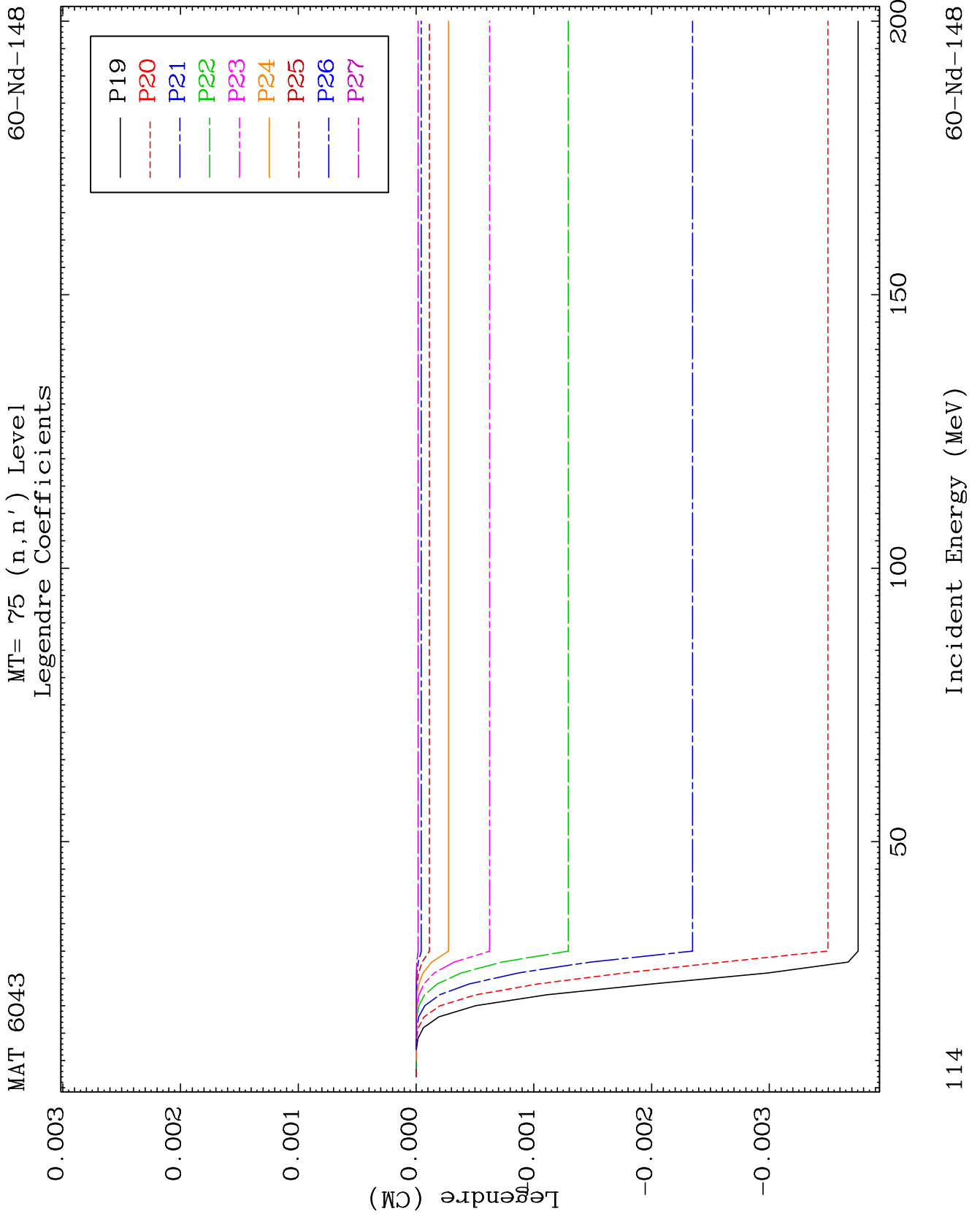
60-Nd-148



60-Nd-148

Incident Energy (MeV)

113

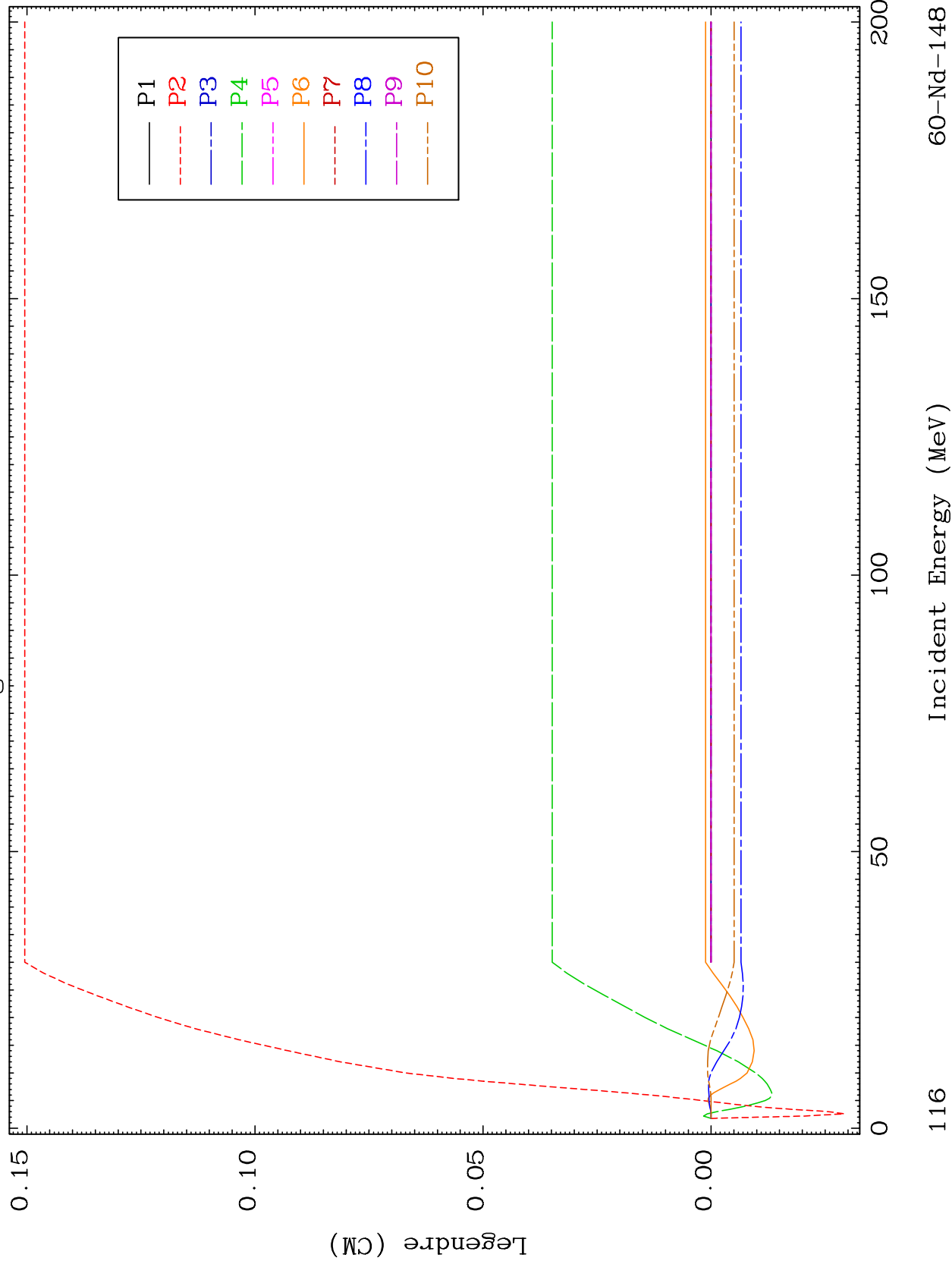




MAT 6043

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

60-Nd-148



116

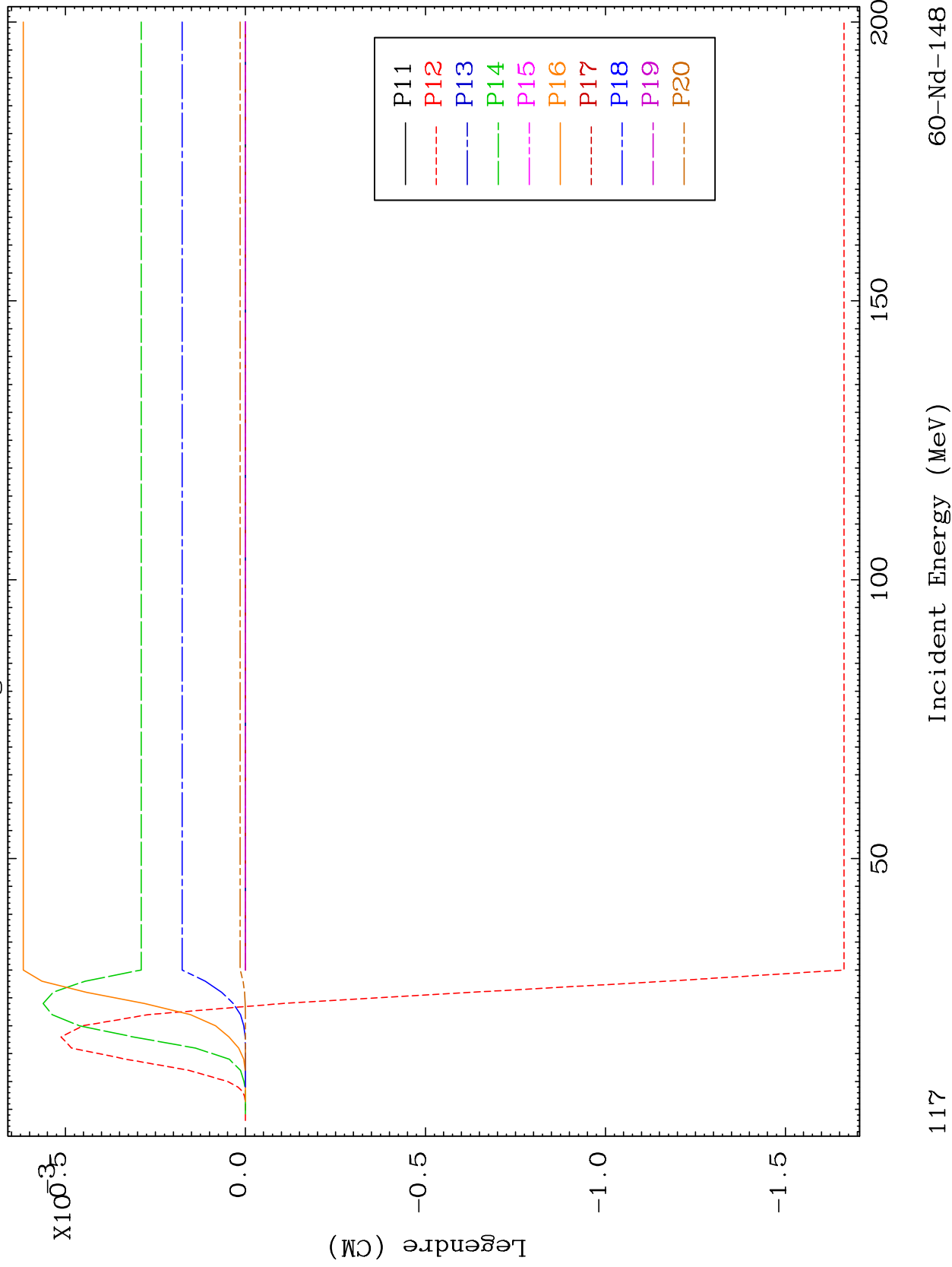
60-Nd-148

MAT 6043

MT= 76 (n,n') Level

60-Nd-148

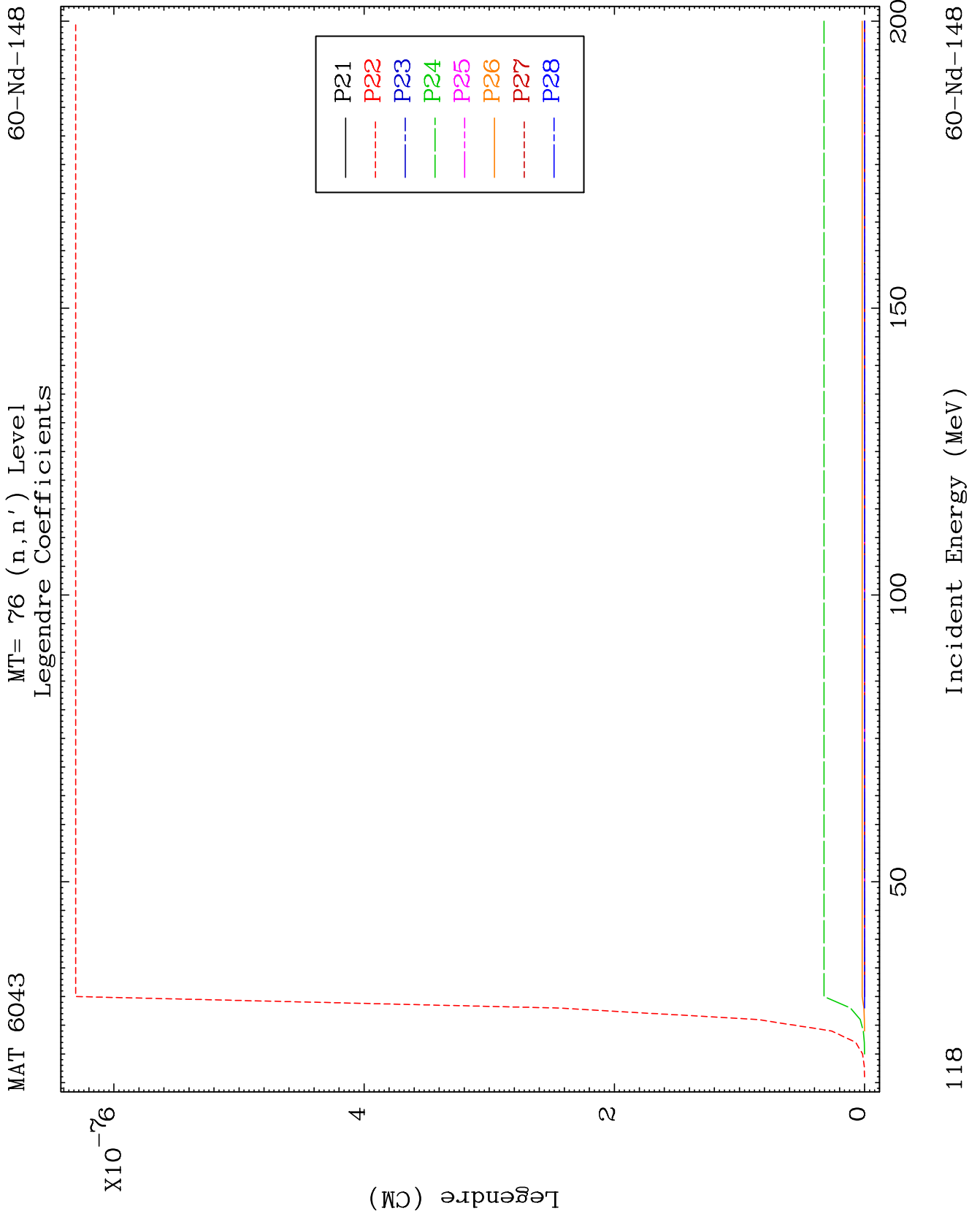
Legendre Coefficients



117

Incident Energy (MeV)

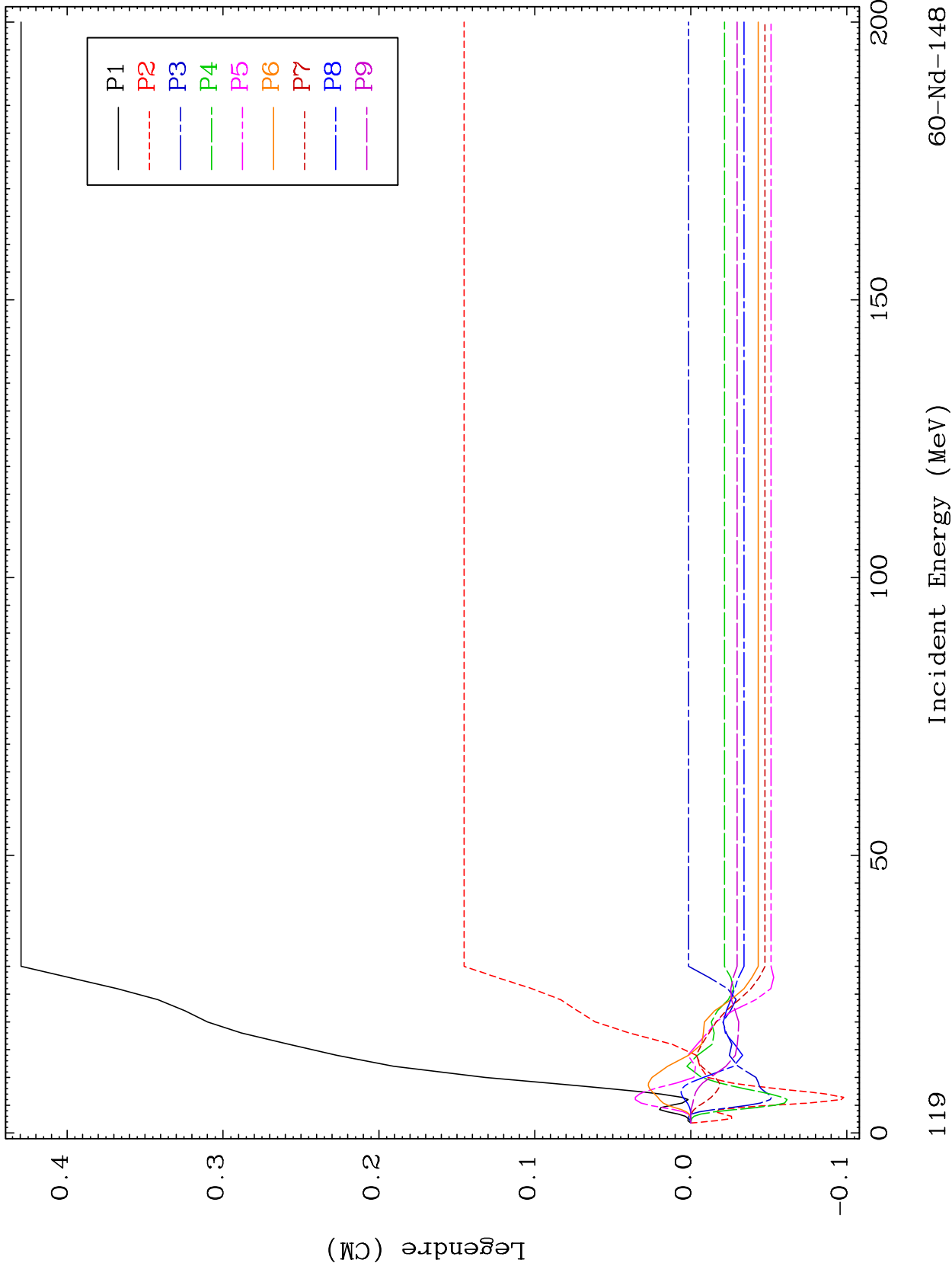
60-Nd-148



MAT 6043

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

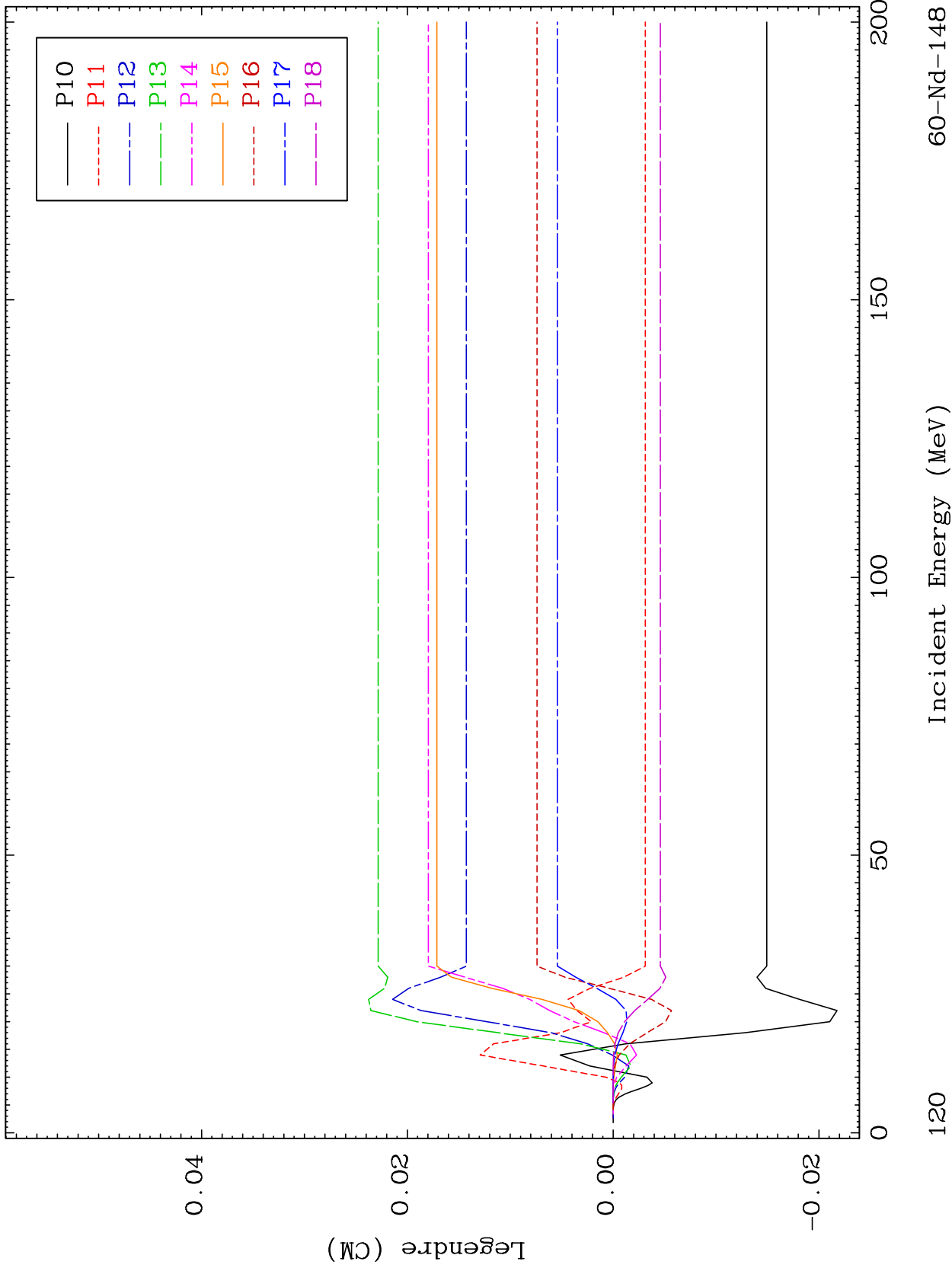
60-Nd-148



MAT 6043

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

60-Nd-148



60-Nd-148

Incident Energy (MeV)

120

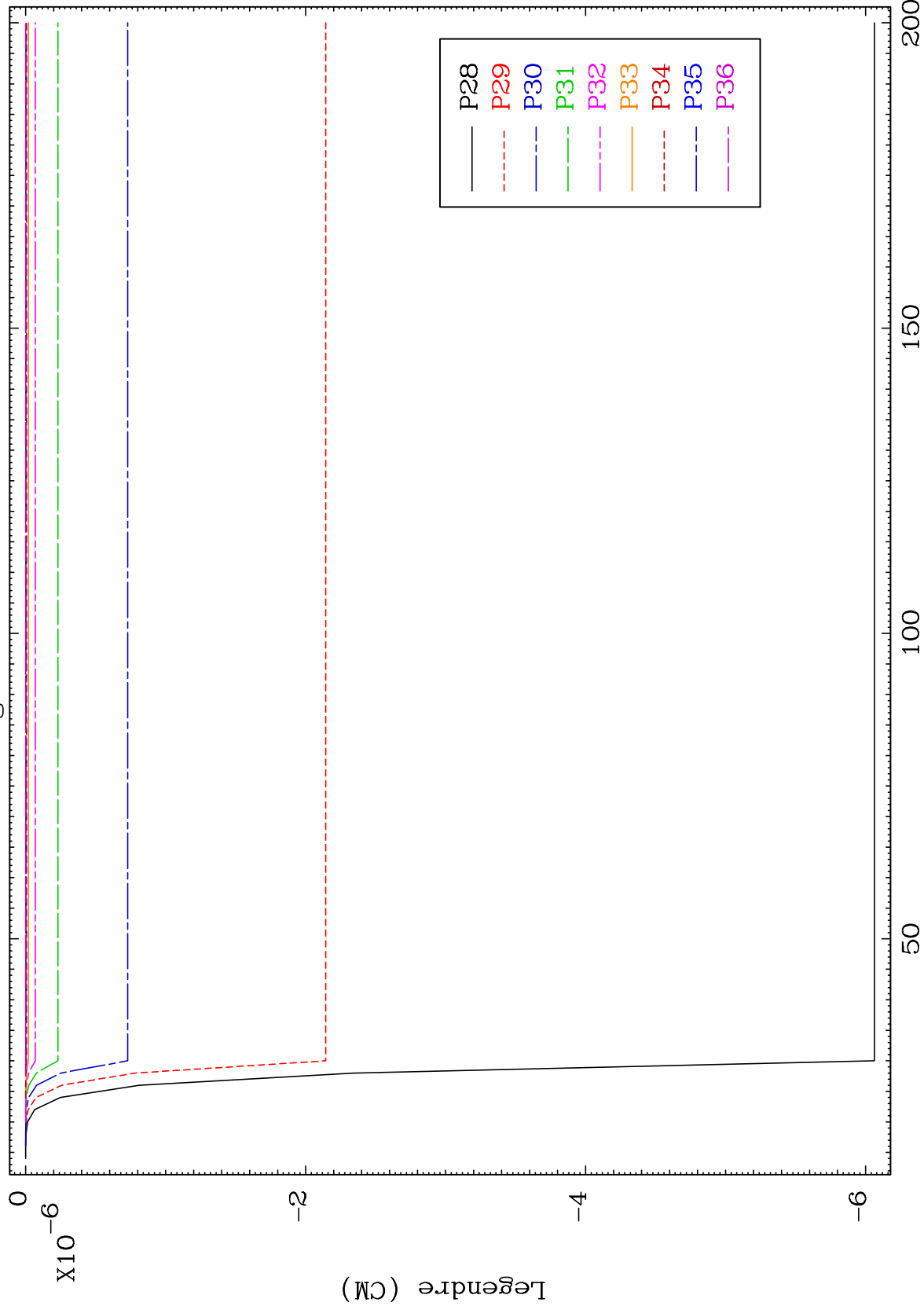


MAT 6043

MT= 77 (n,n') Level

60-Nd-148

Legendre Coefficients



60-Nd-148

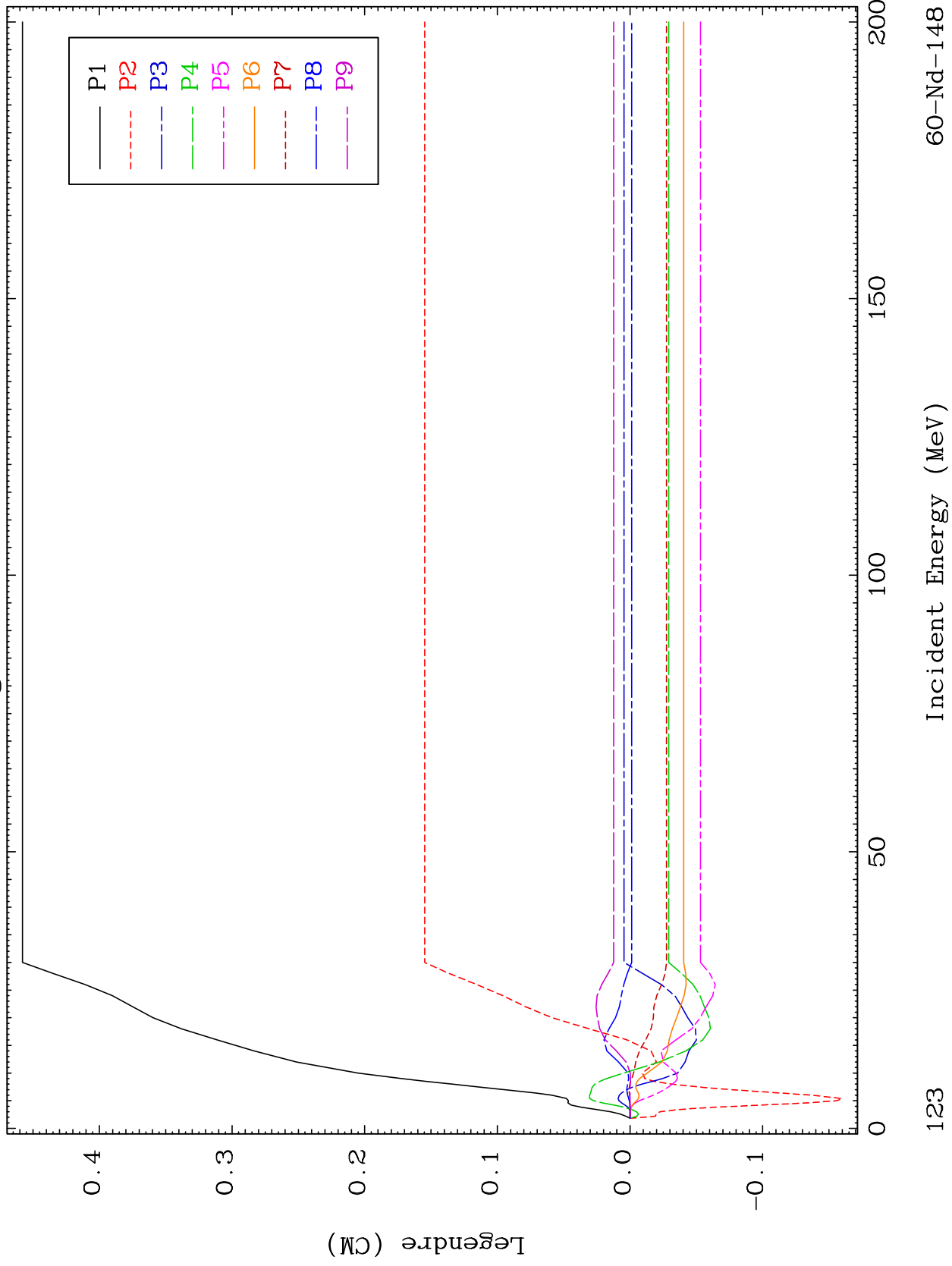
Incident Energy (MeV)

122

MAT 6043

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

60-Nd-148



60-Nd-148

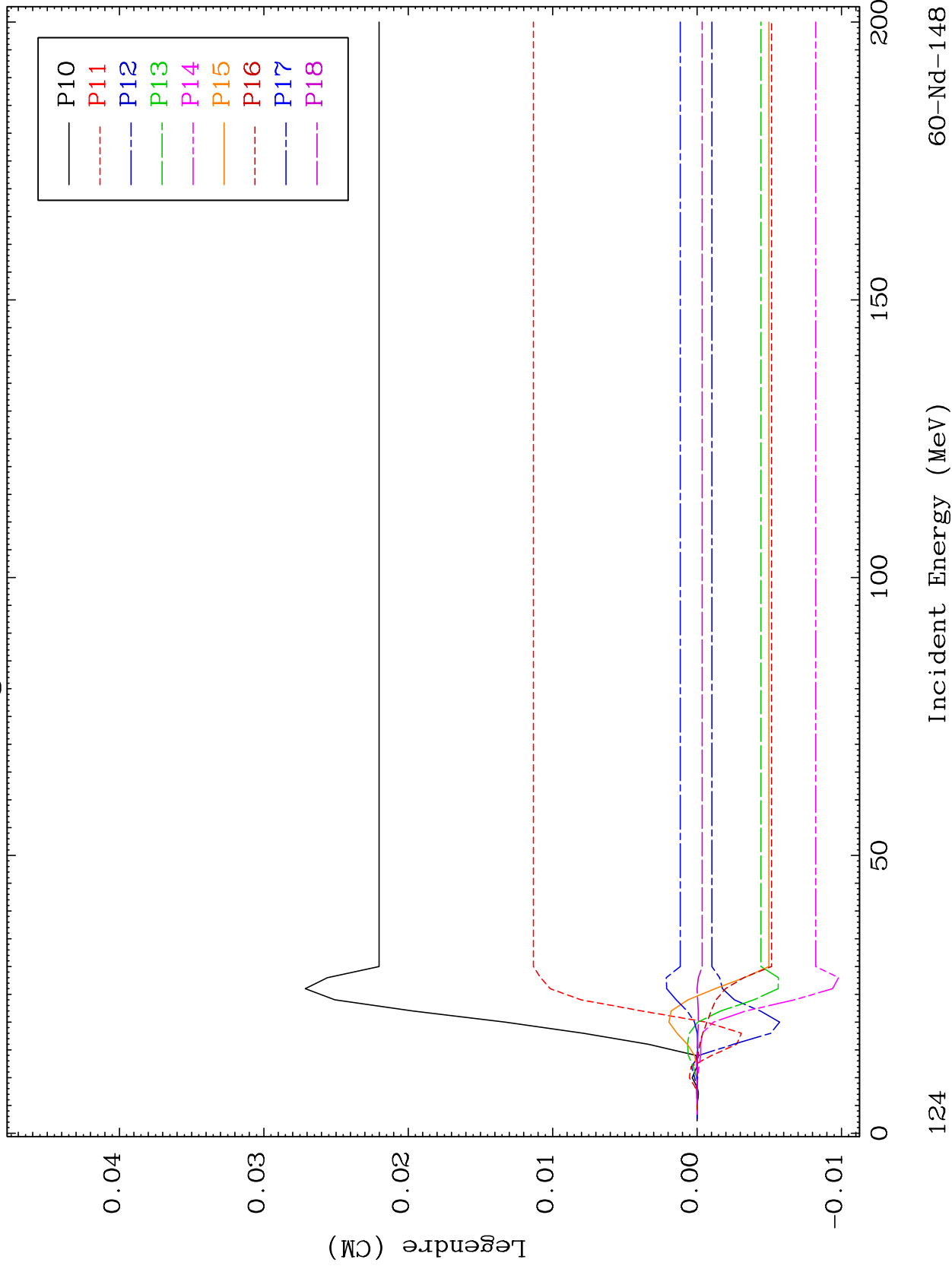
Incident Energy (MeV)

123

MAT 6043

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

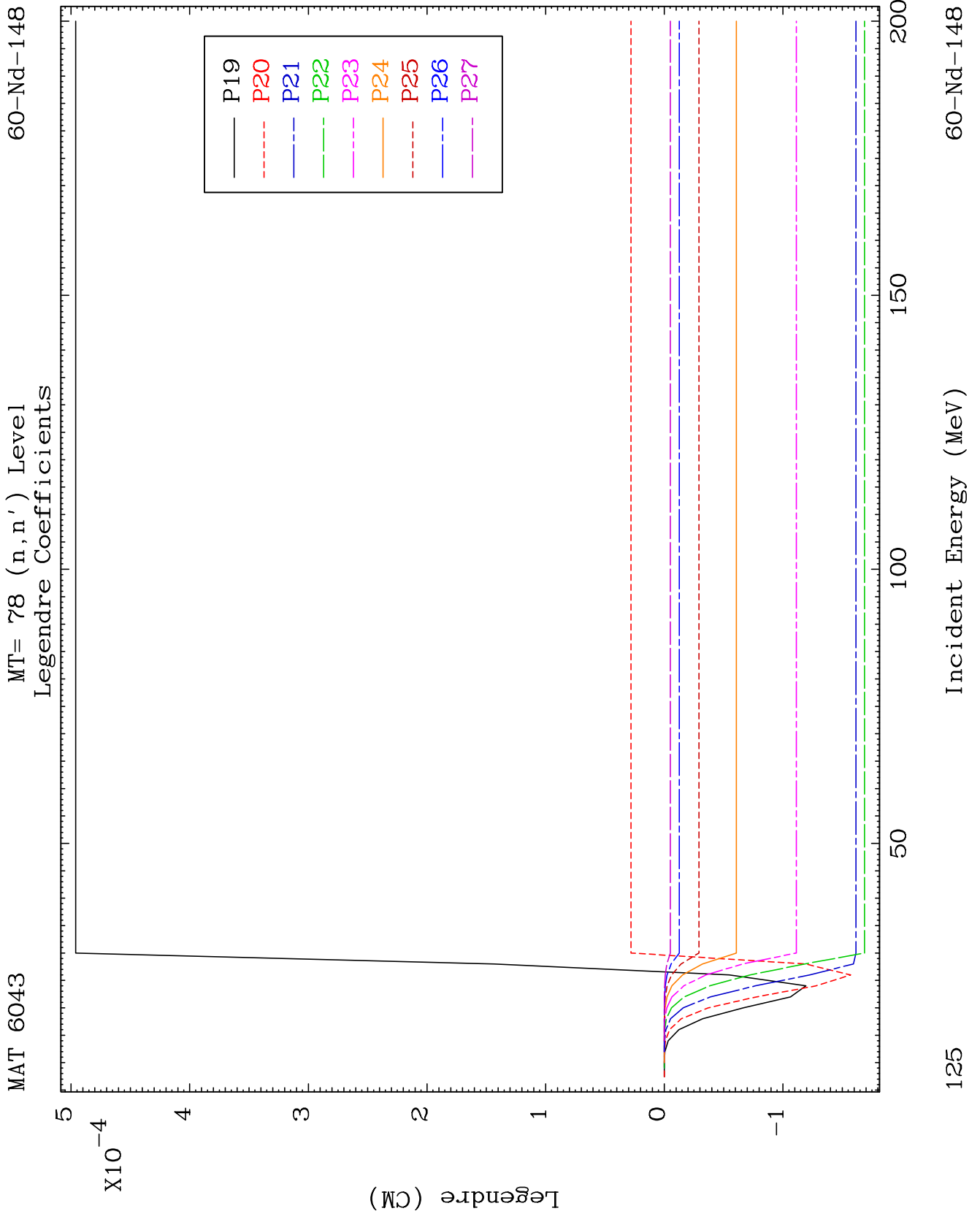
60-Nd-148

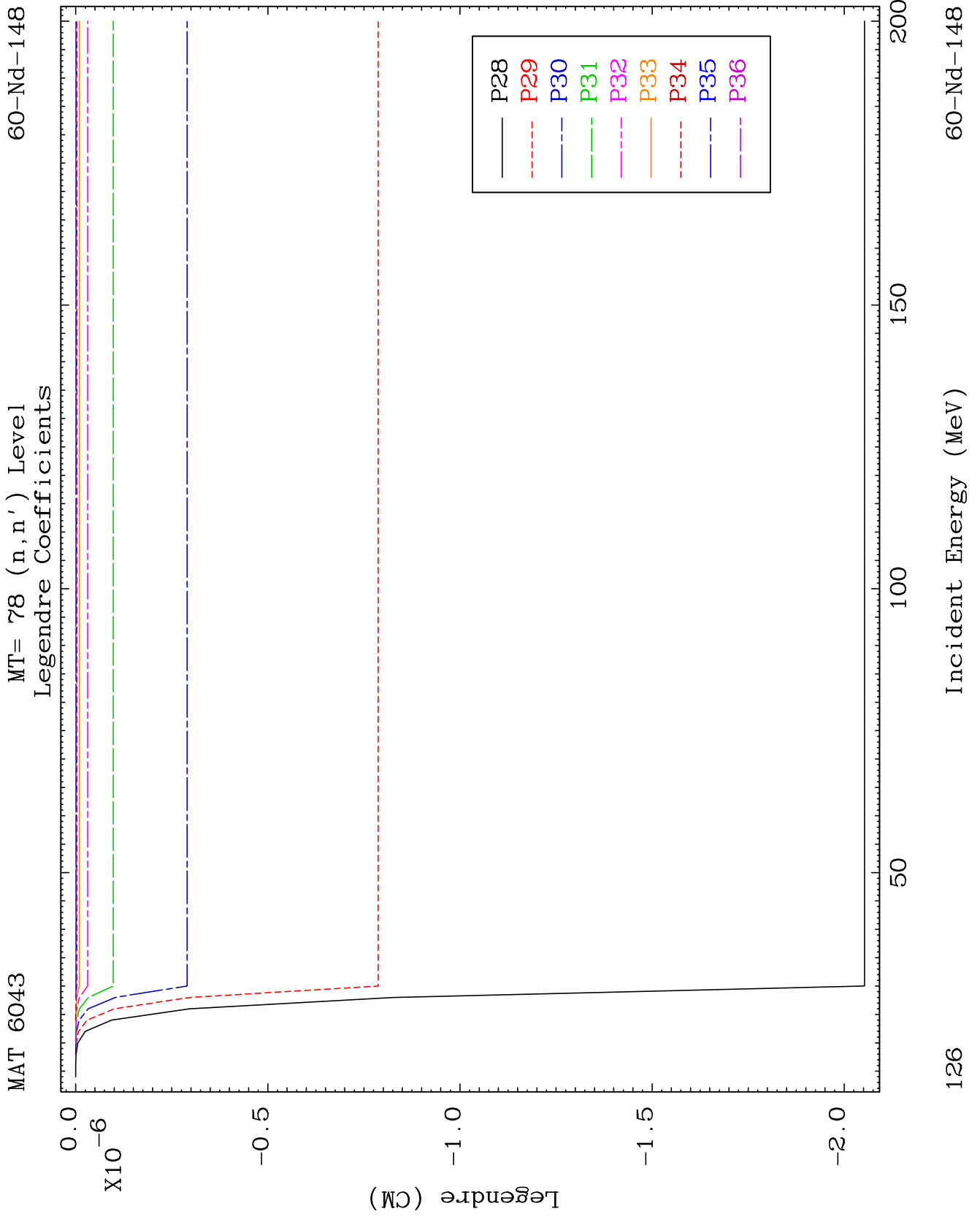


60-Nd-148

Incident Energy (MeV)

124

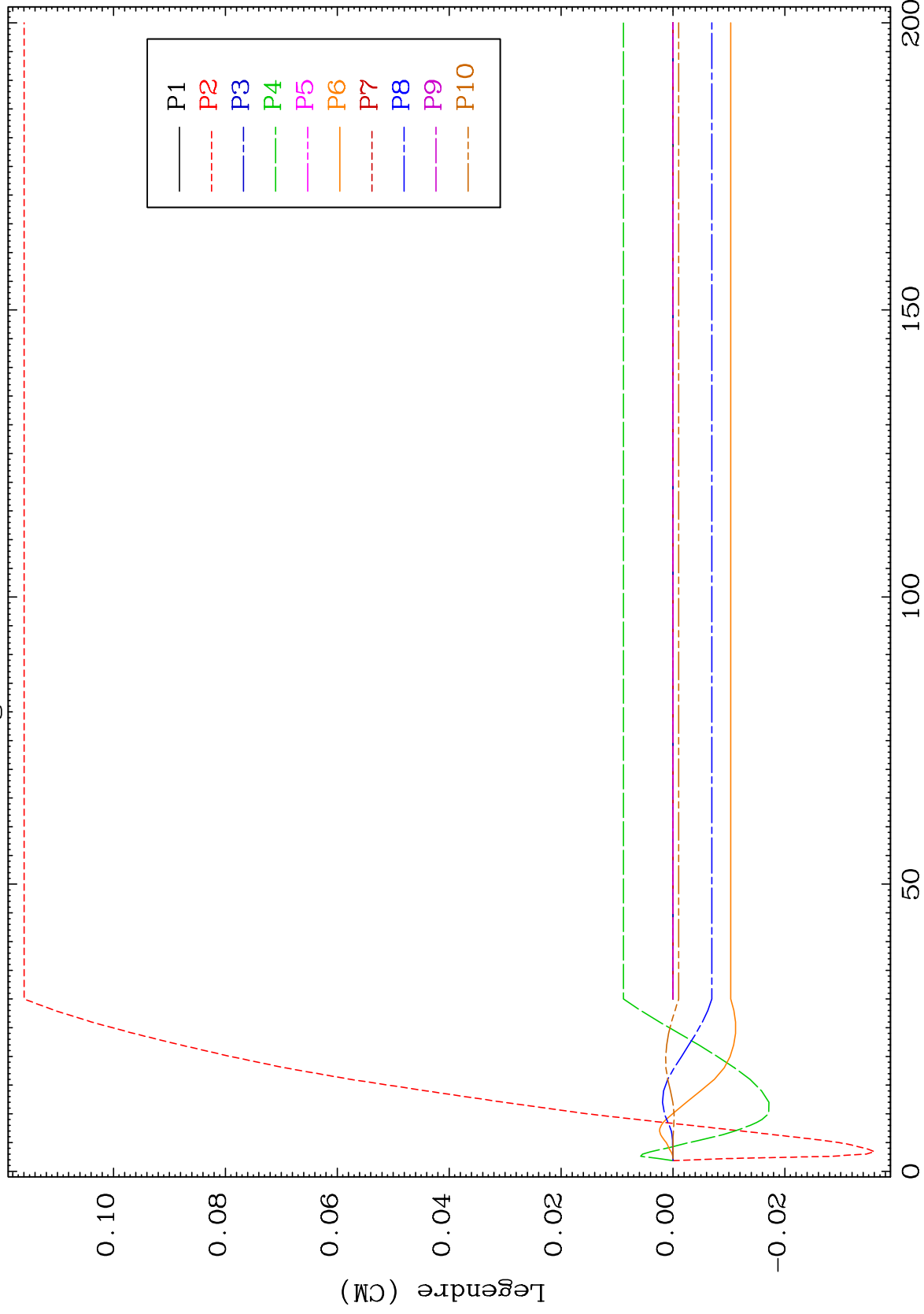




MAT 6043

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

60-Nd-148



60-Nd-148

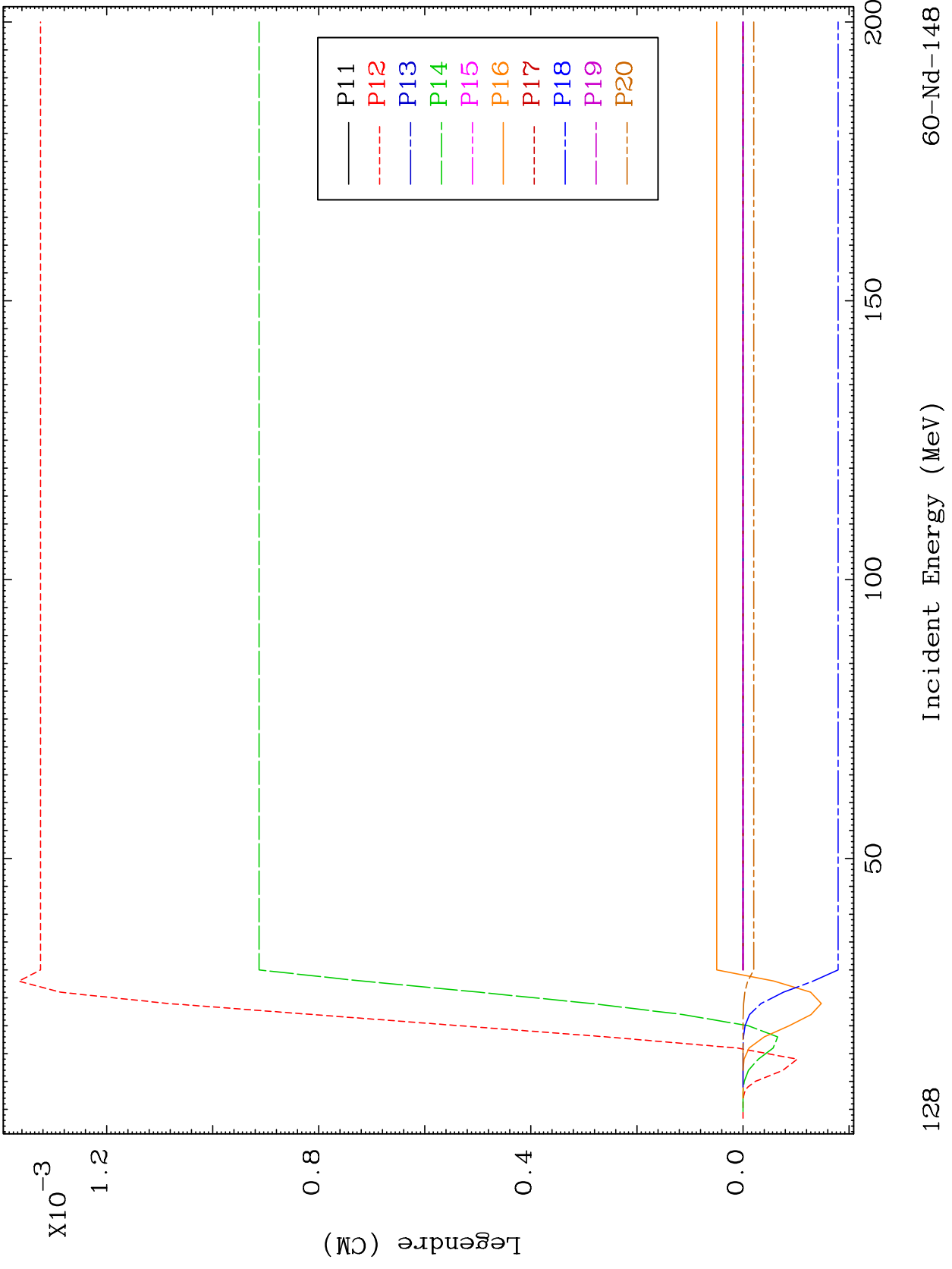
Incident Energy (MeV)

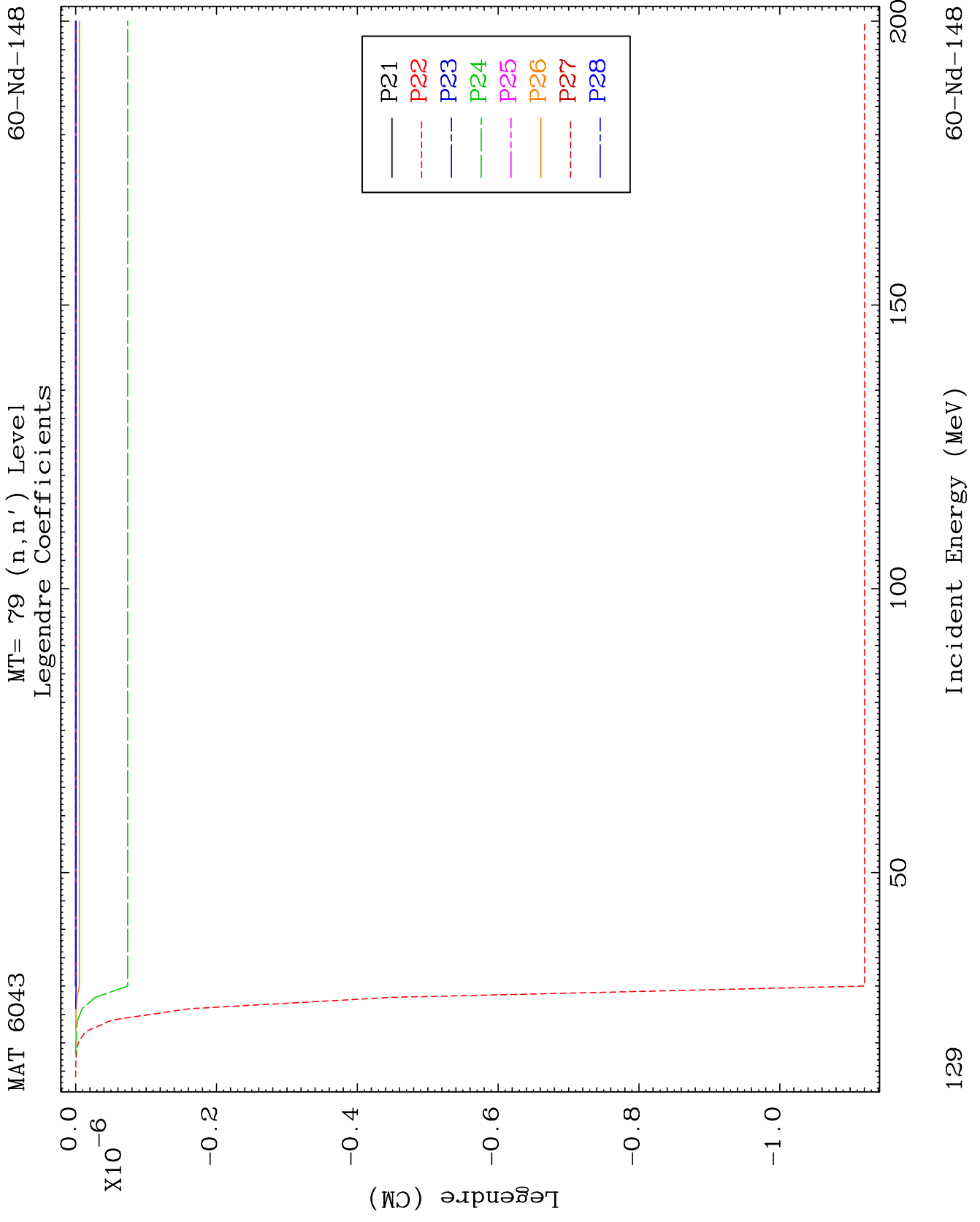
127

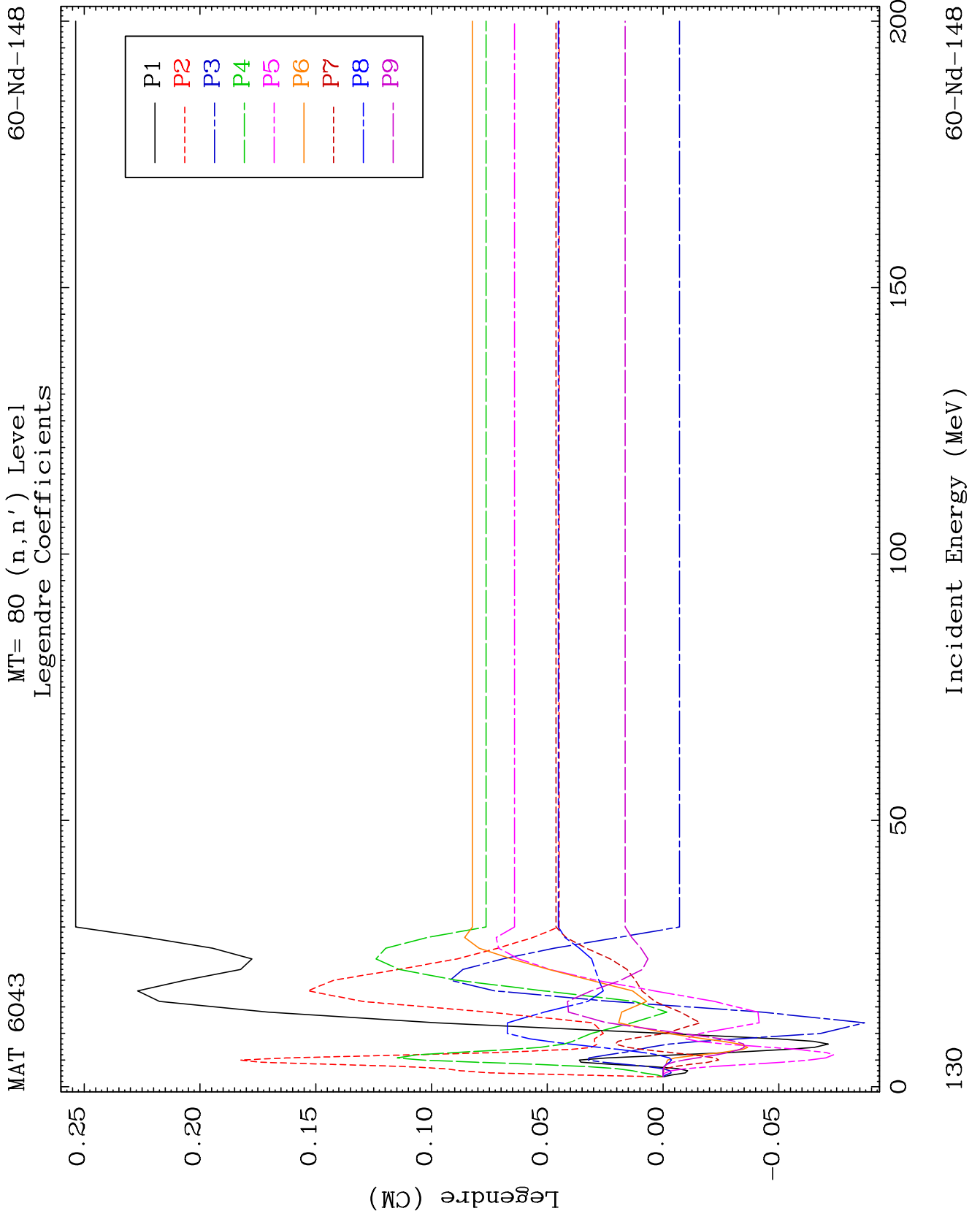
MAT 6043

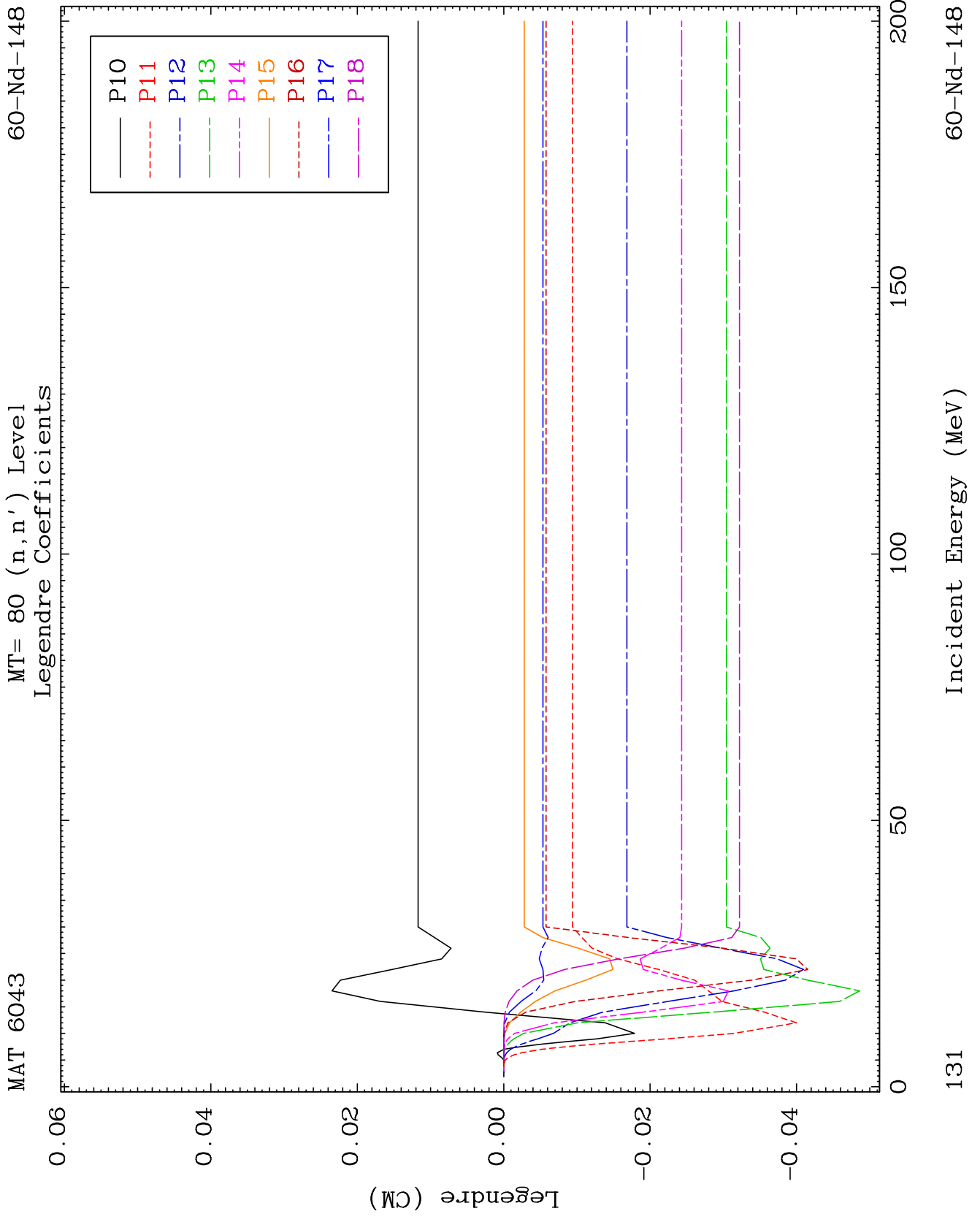
MT= 79 (n,n') Level  
Legendre Coefficients

60-Nd-148





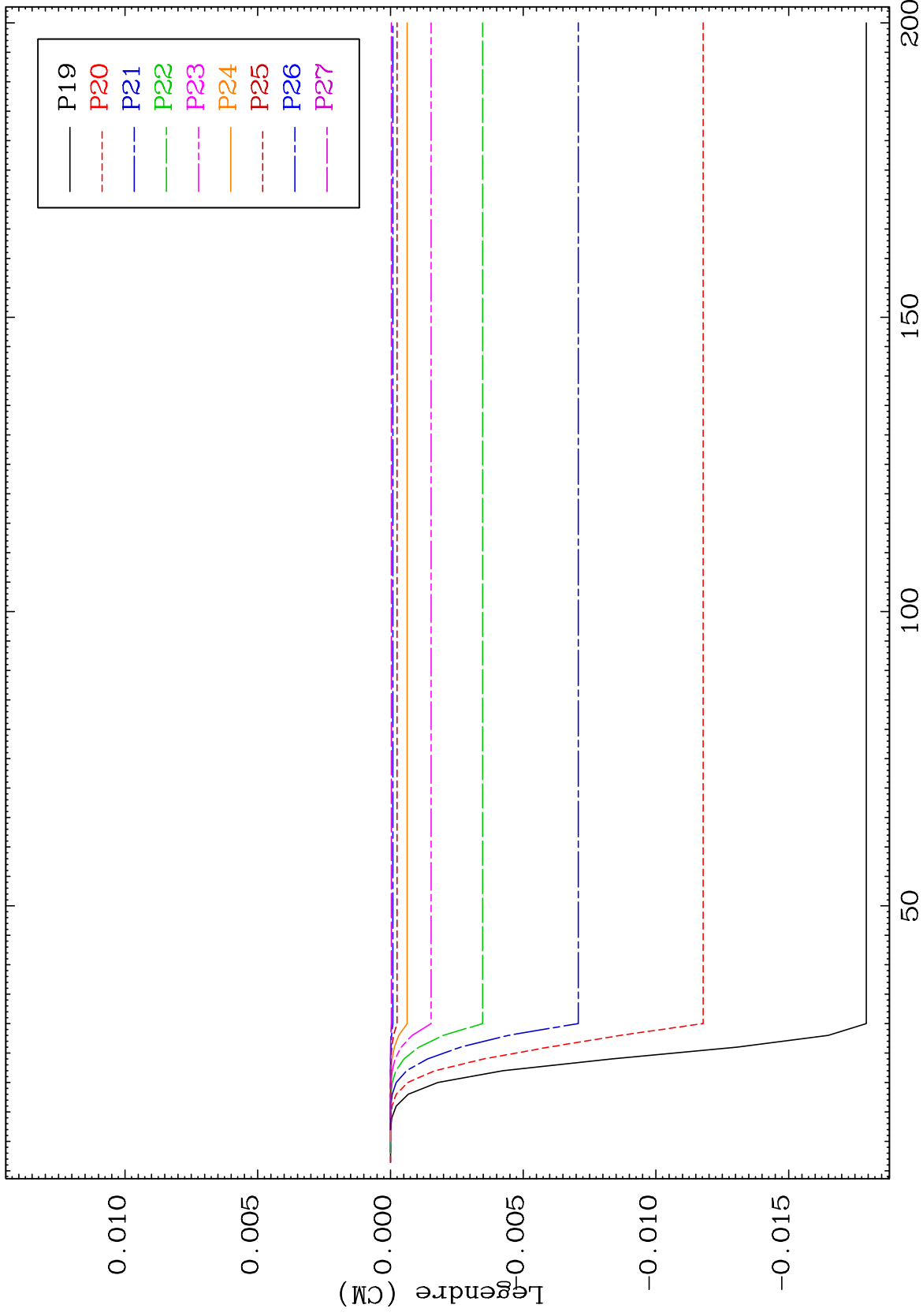




MAT 6043

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

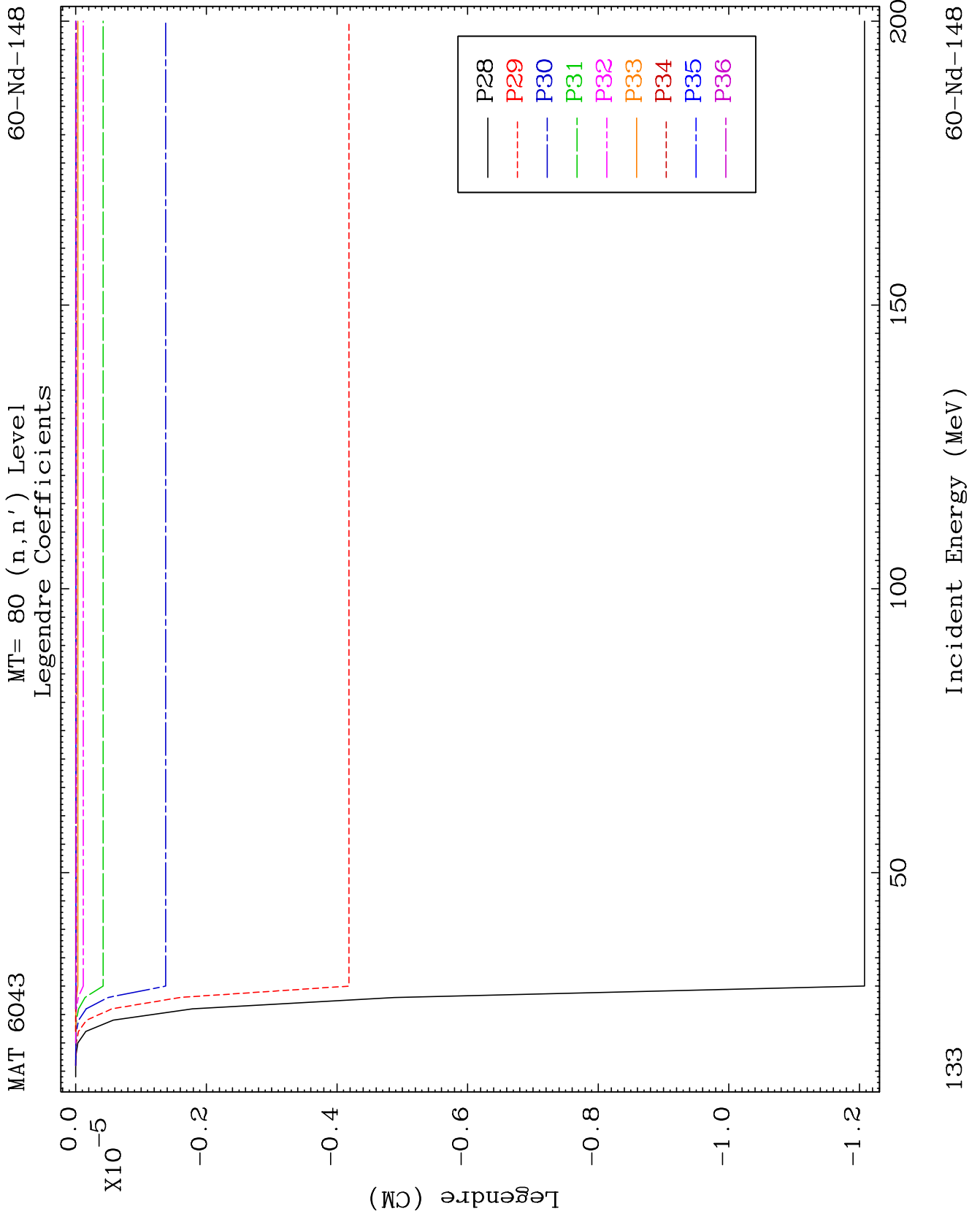
60-Nd-148



132

Incident Energy (MeV)

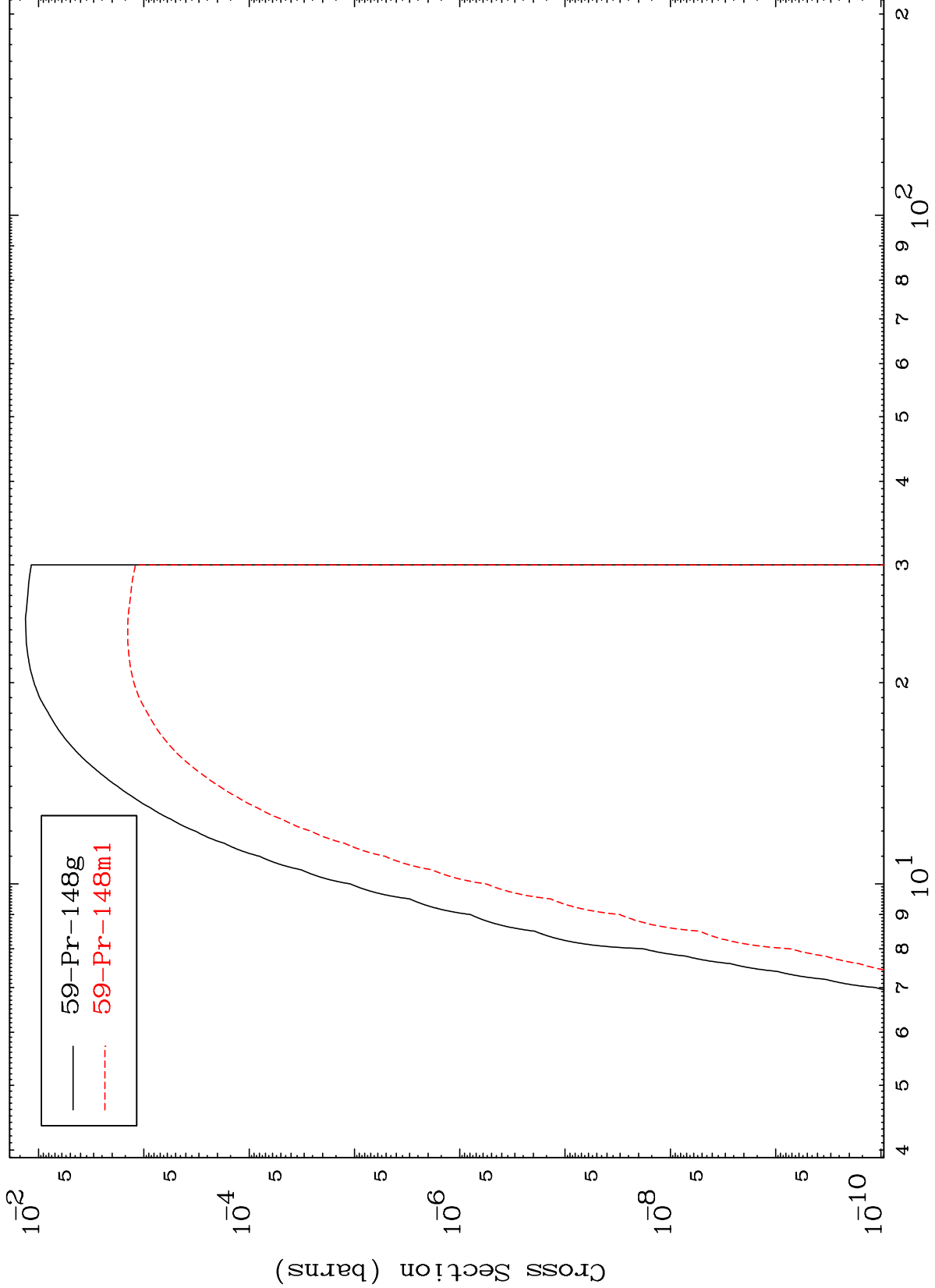
60-Nd-148



MAT 6043

60-Nd-148

(n,p)  
Radionuclide Production Cross Section



59-Pr-148g  
59-Pr-148m1

134

Incident Energy (MeV)

60-Nd-148