

Program EVALPLOT  
(Version 2018-1)

by

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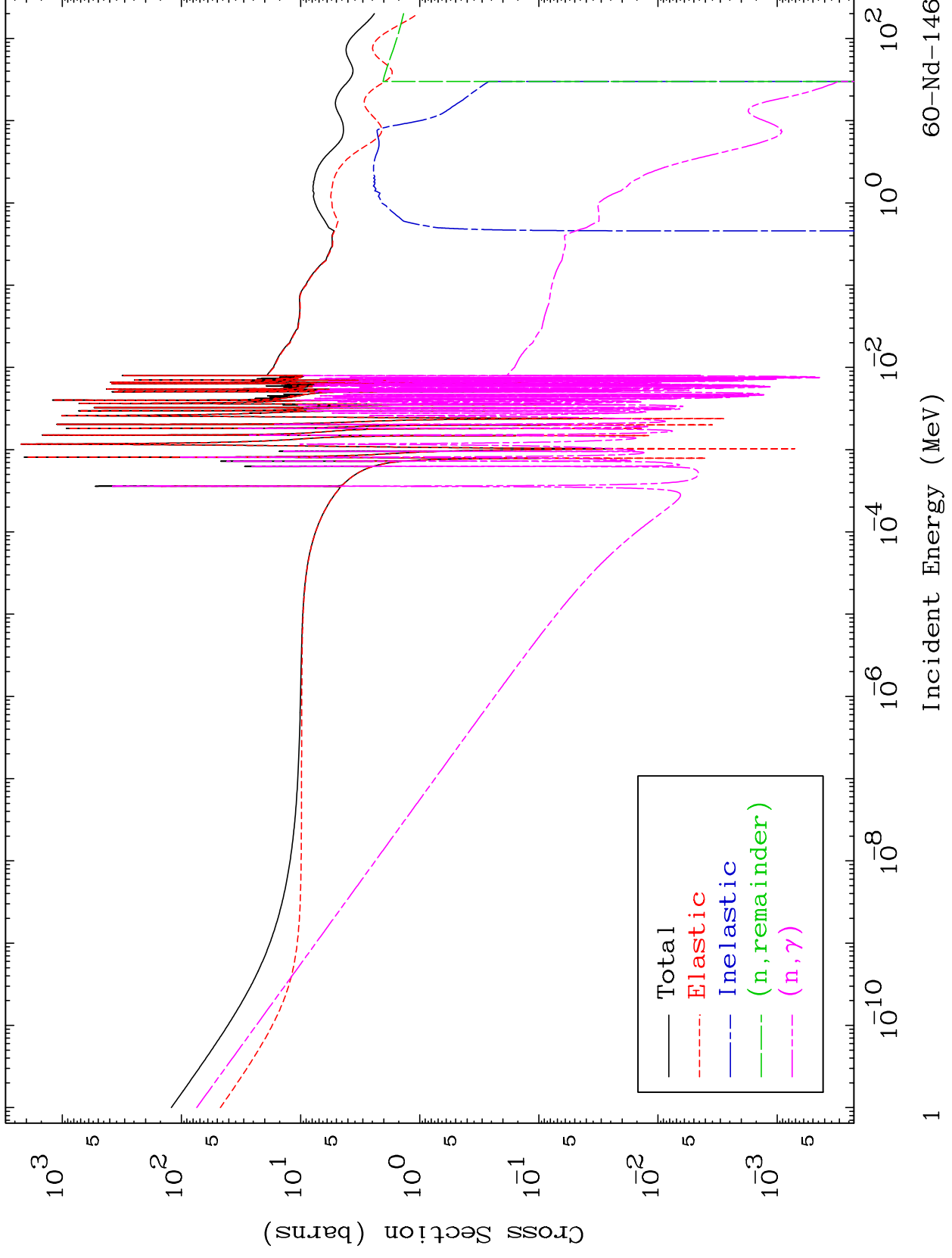
Press Mouse Button to Start

MAT 6037

Major

293 Kelvin Cross Sections

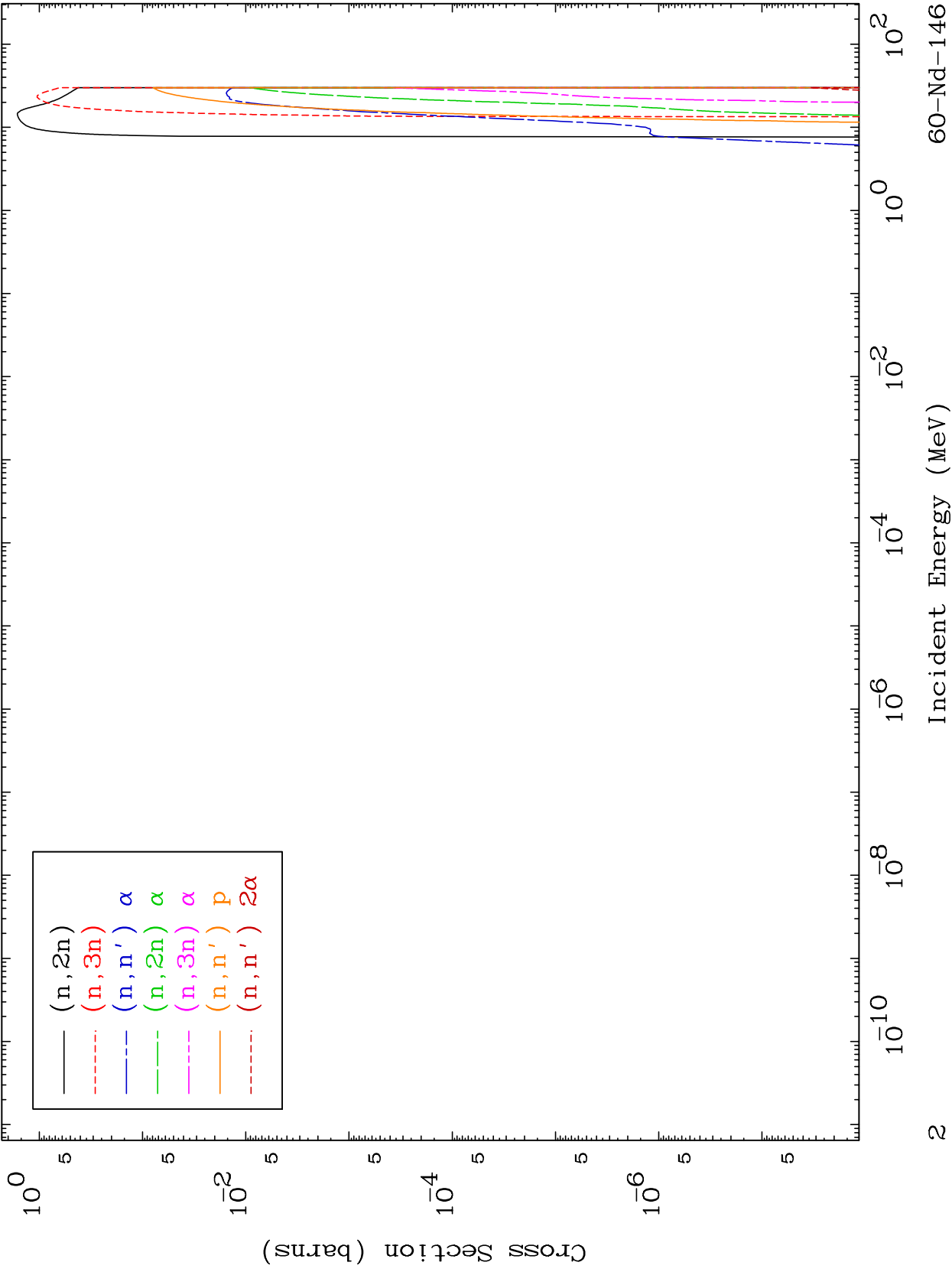
60-Nd-146

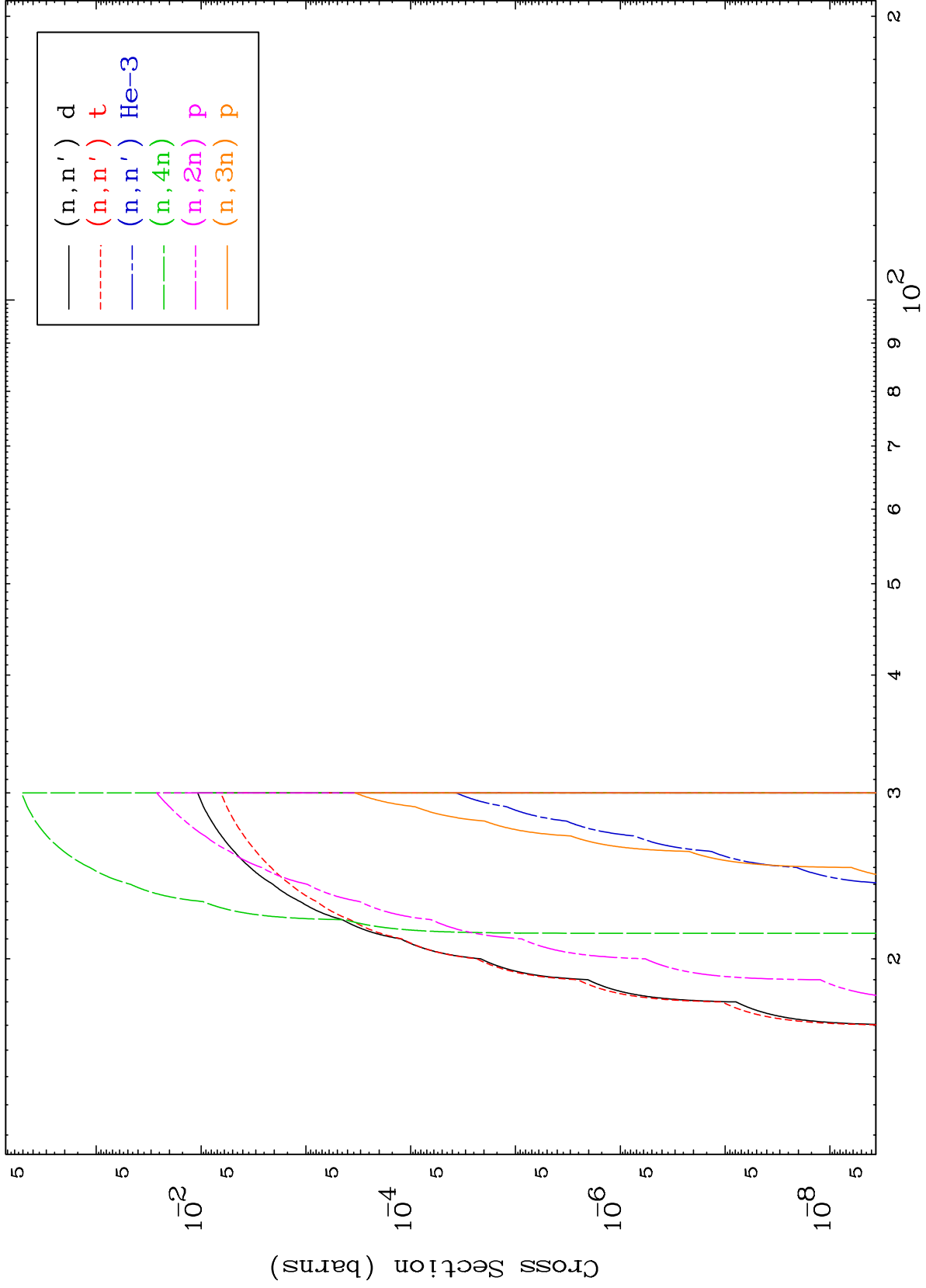


MAT 6037

Neutron Production  
293 Kelvin Cross Sections

60-Nd-146

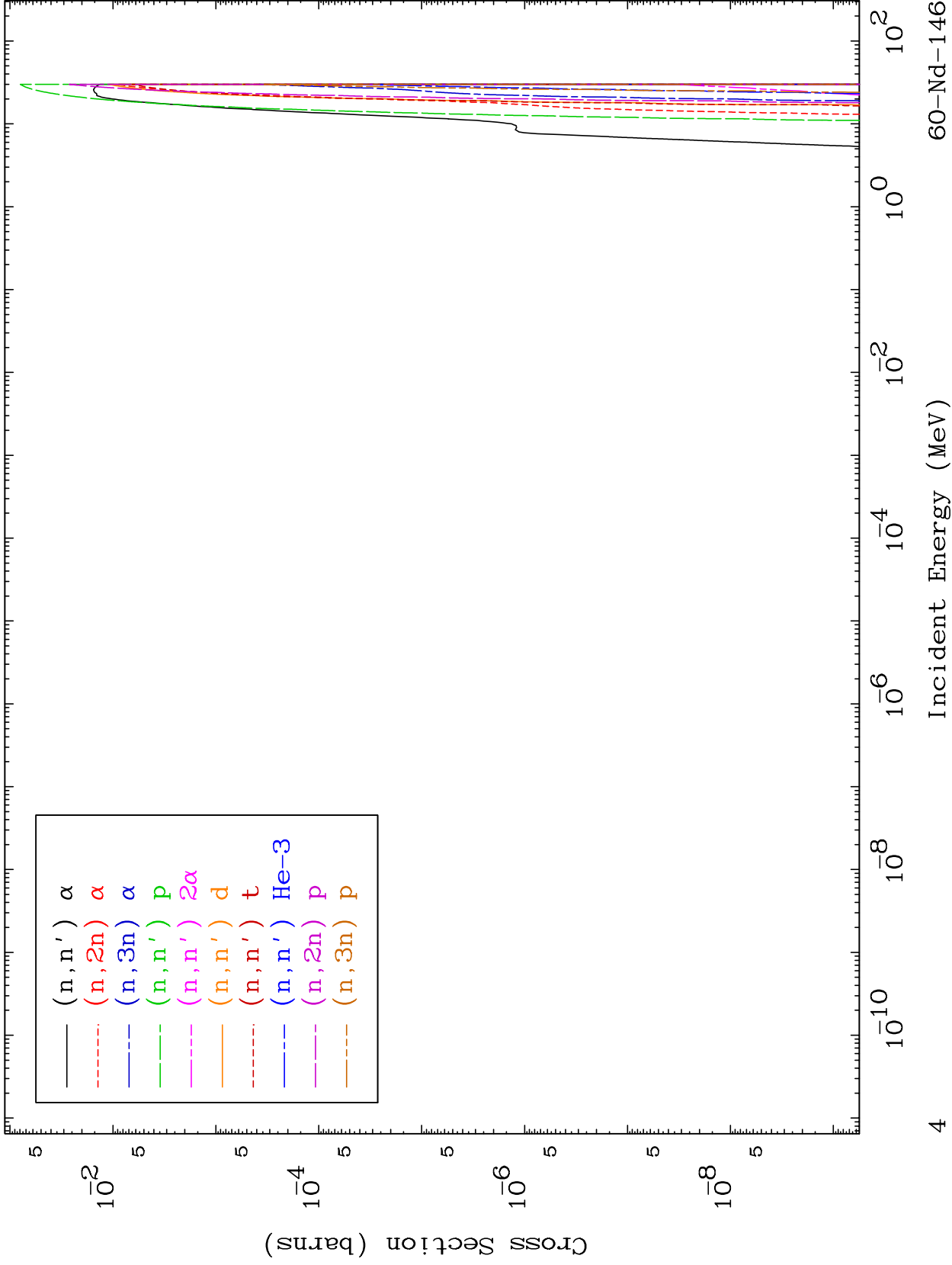




MAT 6037

Charged Particle  
293 Kelvin Cross Sections

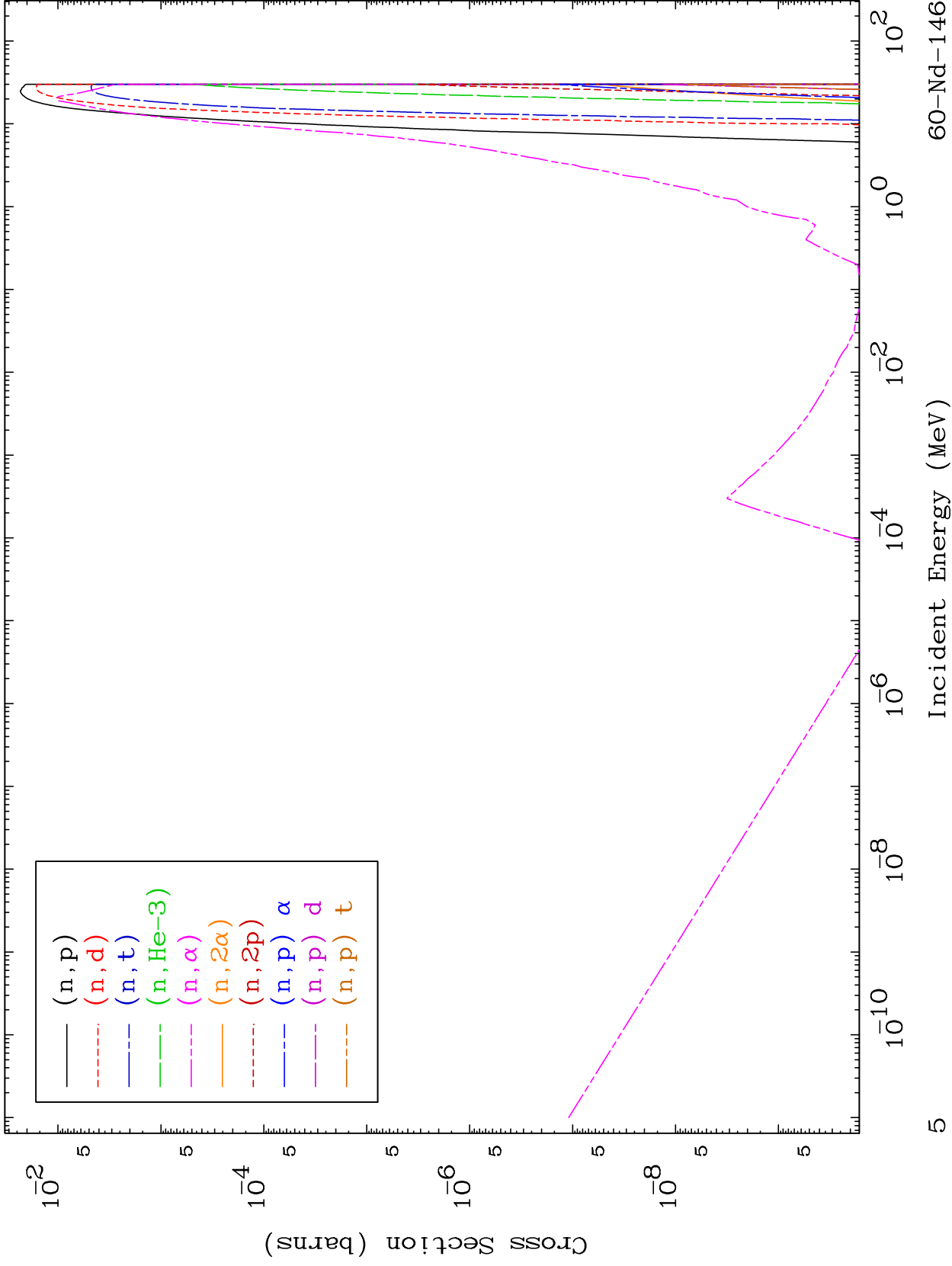
60-Nd-146



MAT 6037

Charged Particle  
293 Kelvin Cross Sections

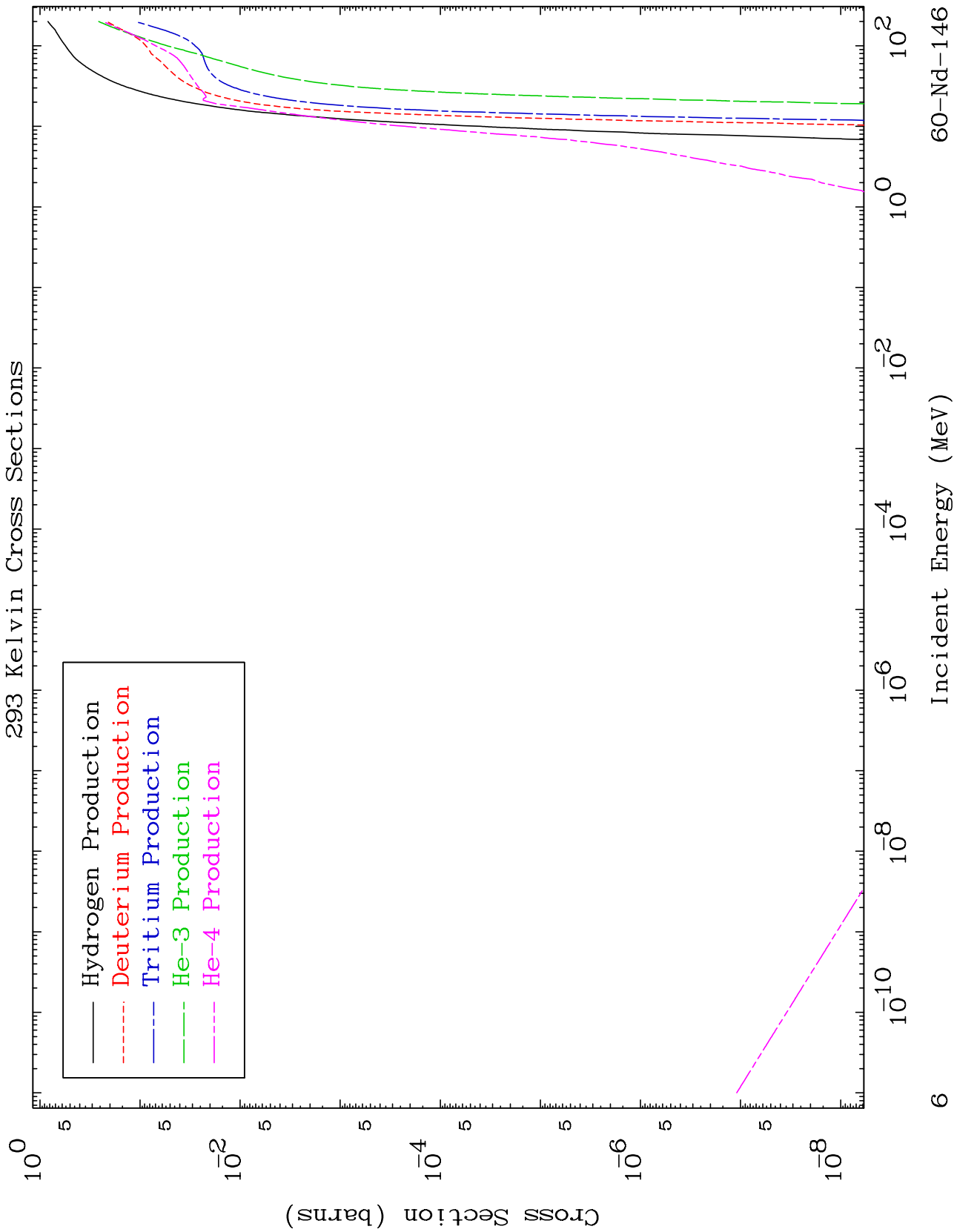
60-Nd-146



MAT 6037

Particle Production  
293 Kelvin Cross Sections

60-Nd-146

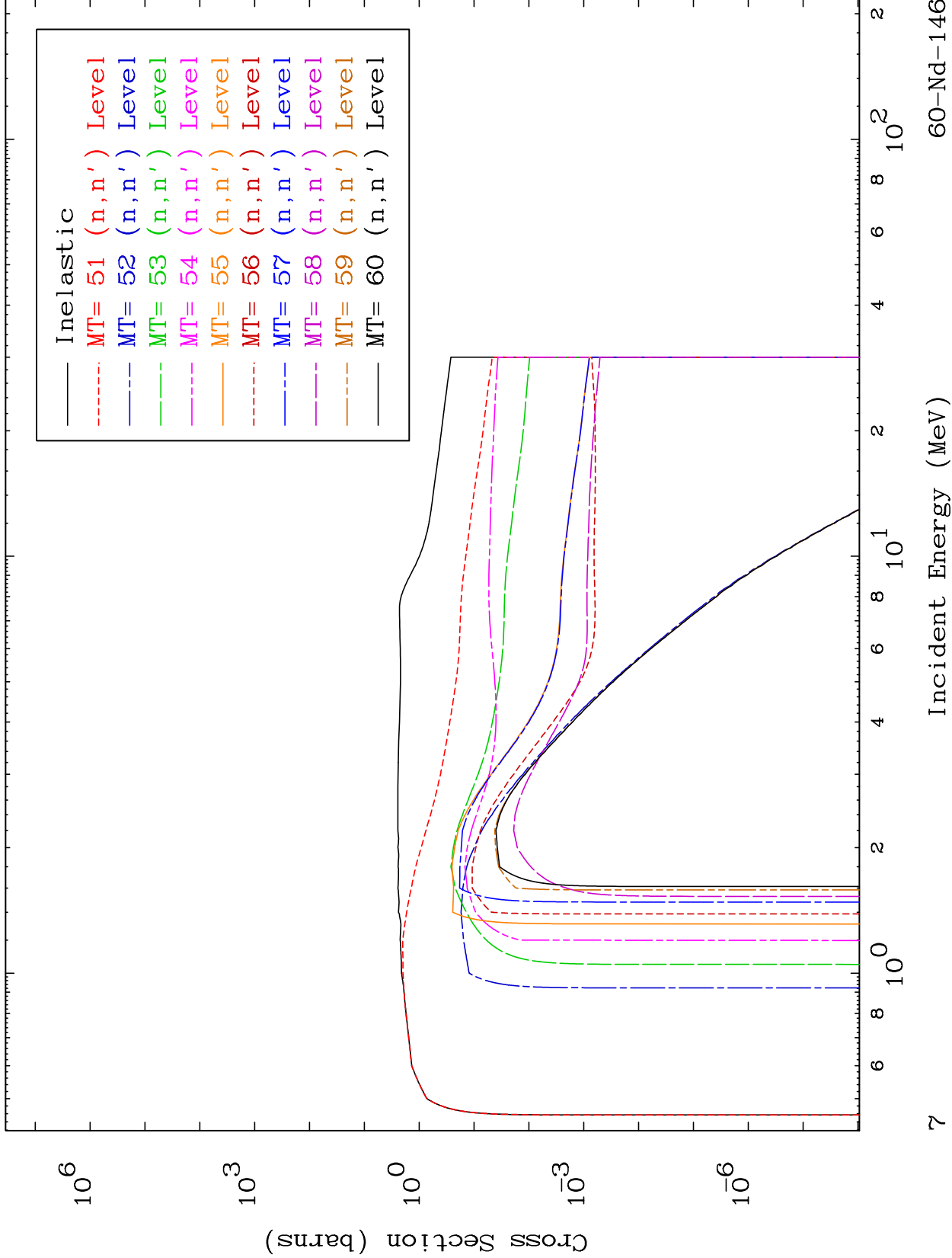


MAT 6037

(n,n') Level

60-Nd-146

293 Kelvin Cross Sections



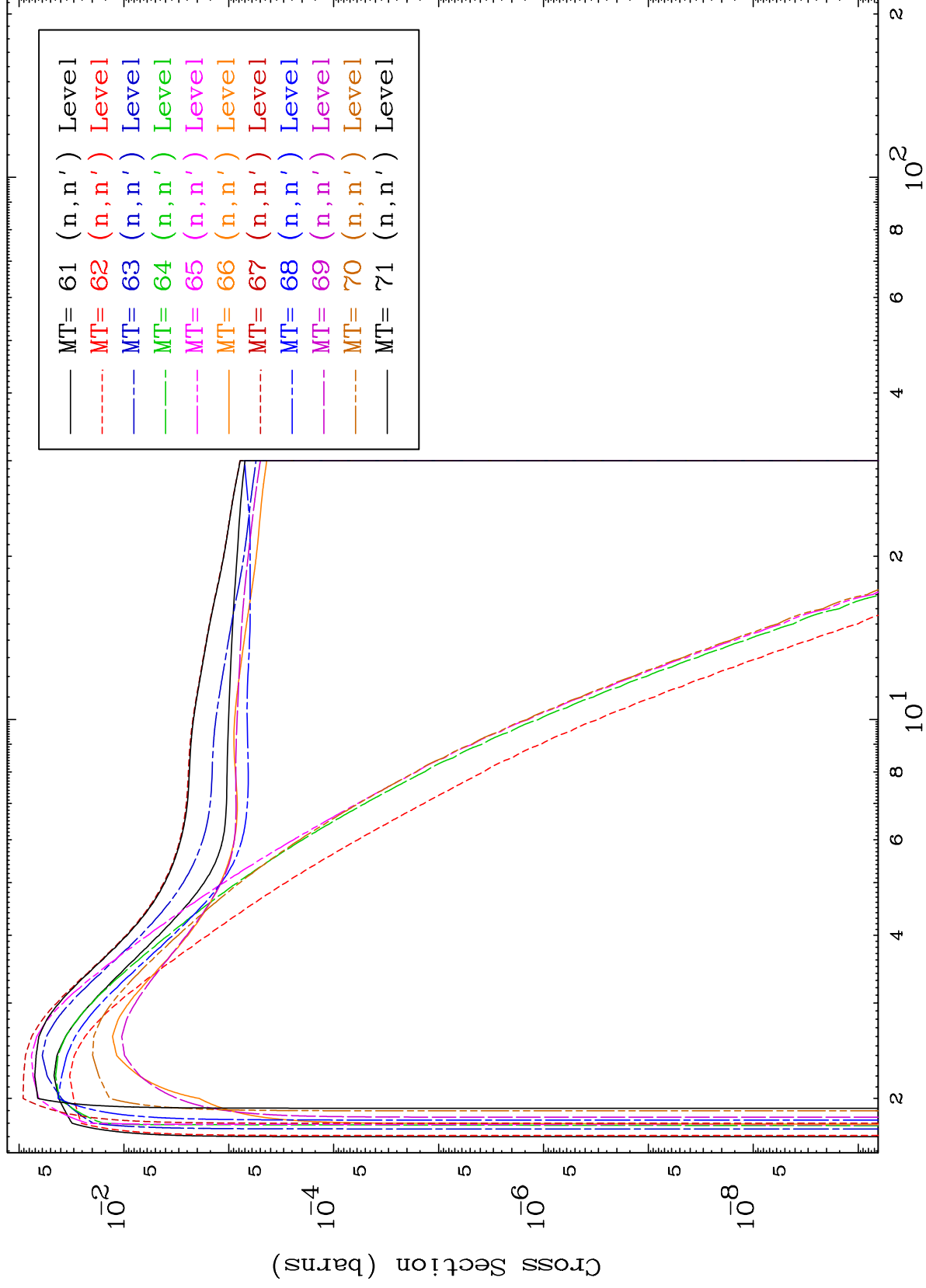


MAT 6037

(n,n') Level

60-Nd-146

293 Kelvin Cross Sections



8

Incident Energy (MeV)

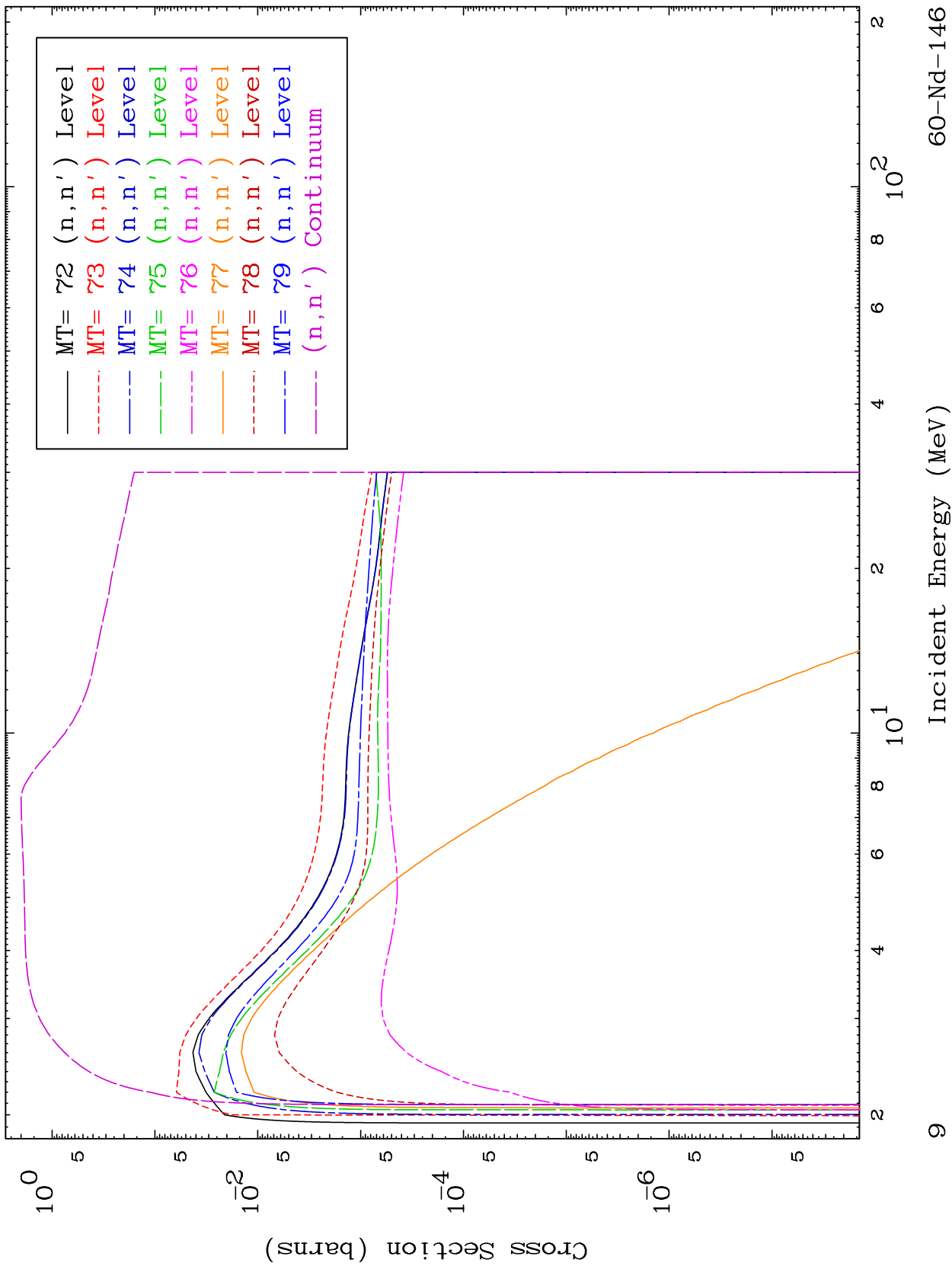
60-Nd-146

MAT 6037

(n,n') Level

60-Nd-146

293 Kelvin Cross Sections



9

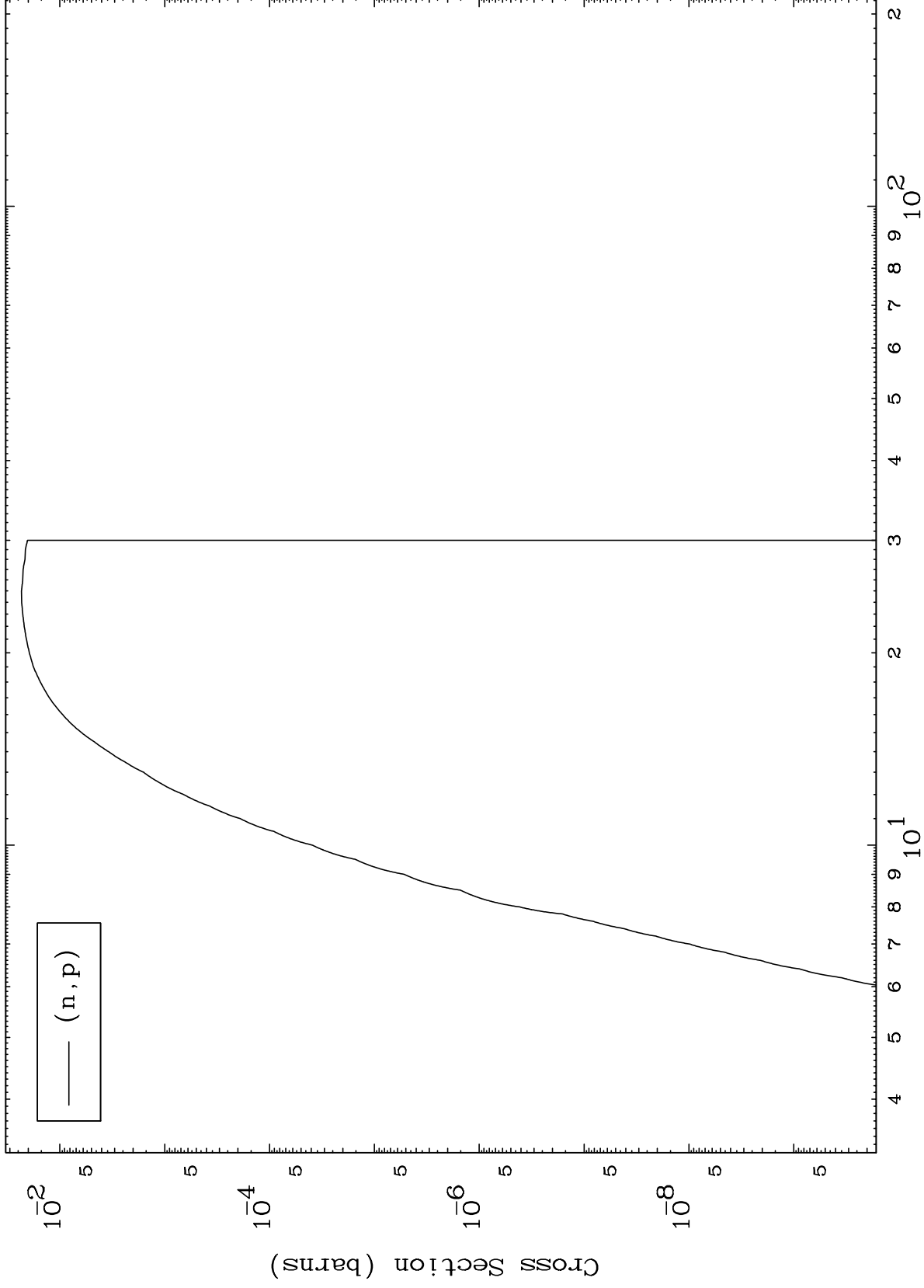
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,p) Levels  
293 Kelvin Cross Sections

60-Nd-146



10

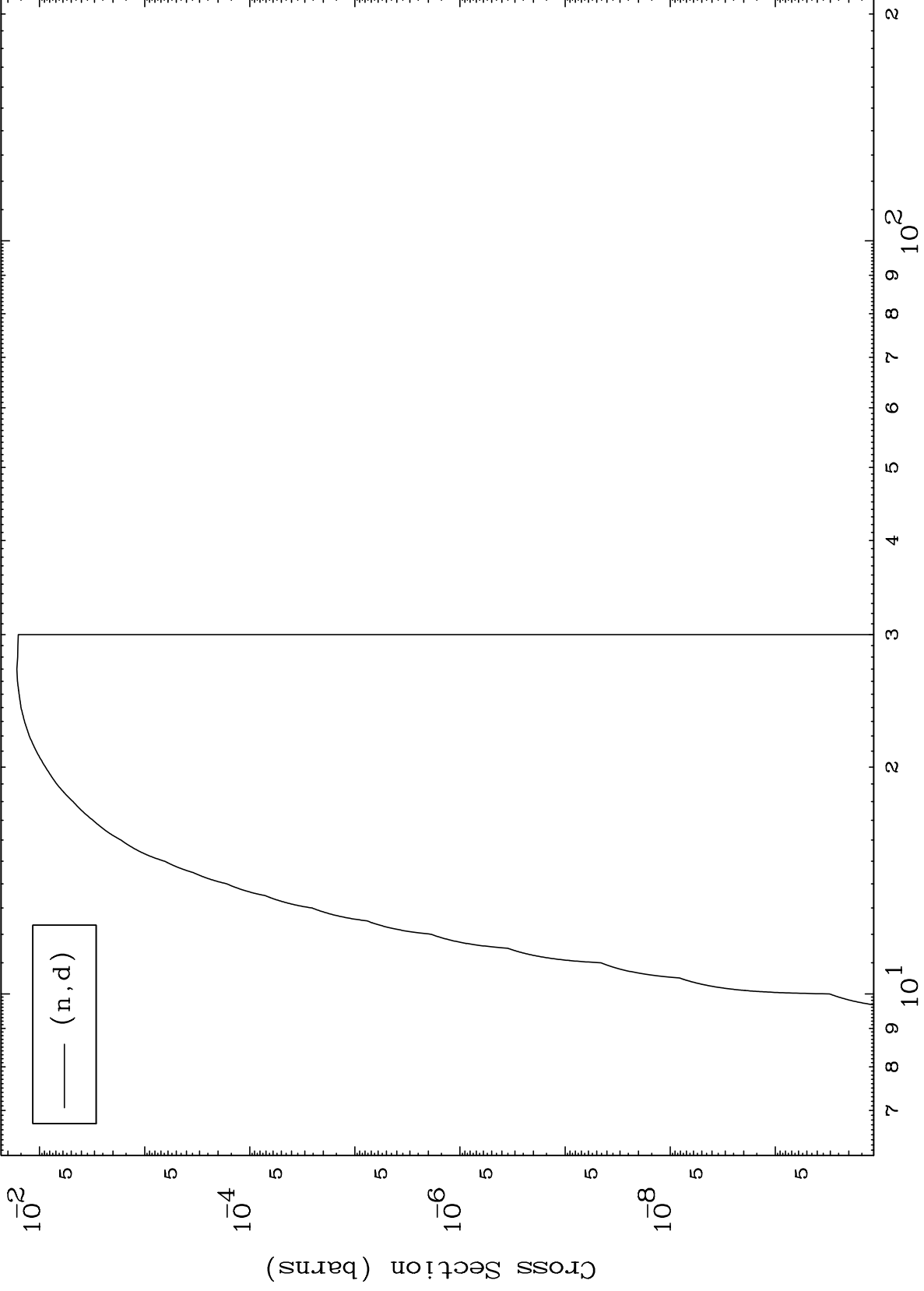
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,d) Levels  
293 Kelvin Cross Sections

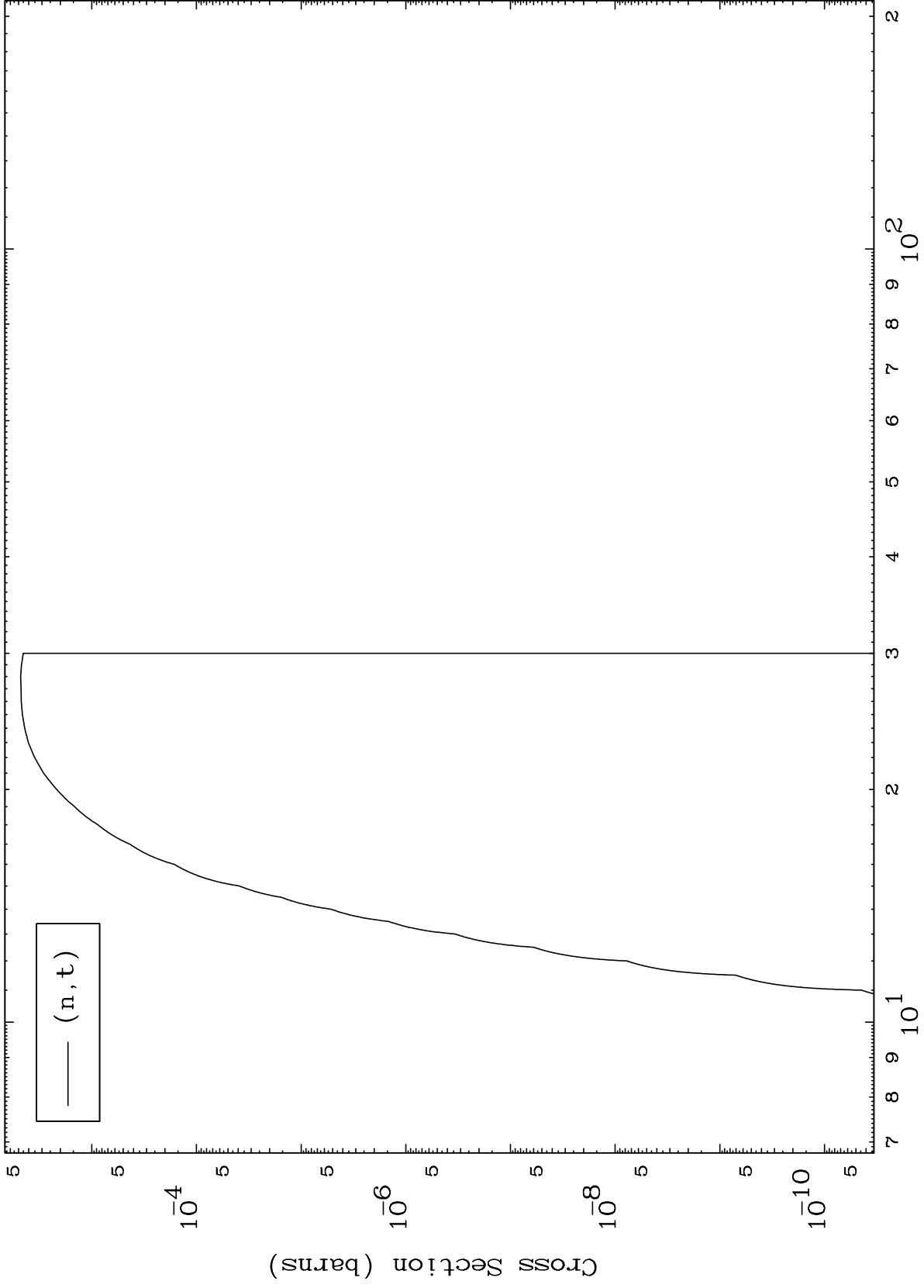
60-Nd-146



MAT 6037

(n,t) Levels  
293 Kelvin Cross Sections

60-Nd-146



12

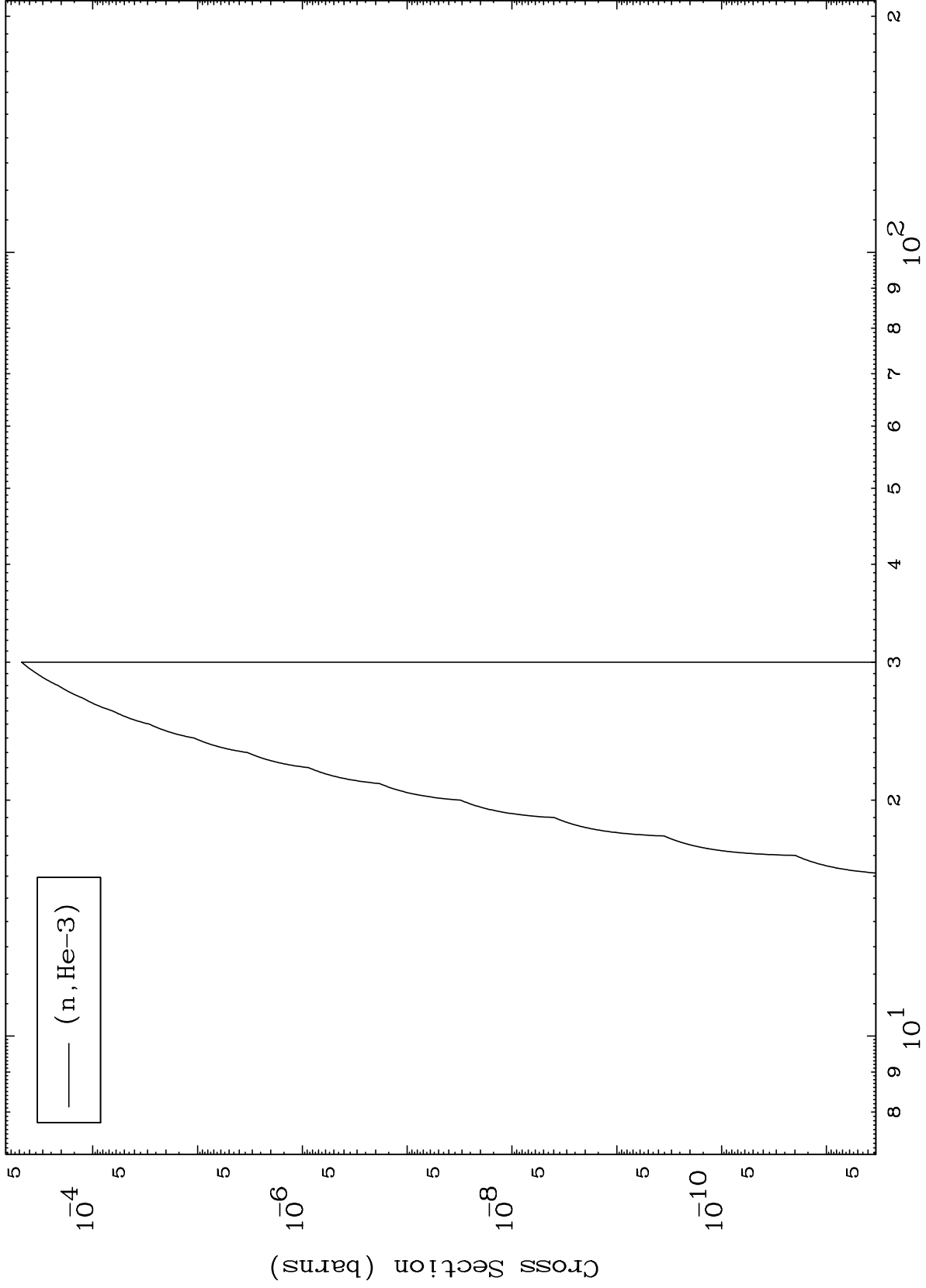
Incident Energy (MeV)

60-Nd-146

MAT 6037

(n,He3) Levels  
293 Kelvin Cross Sections

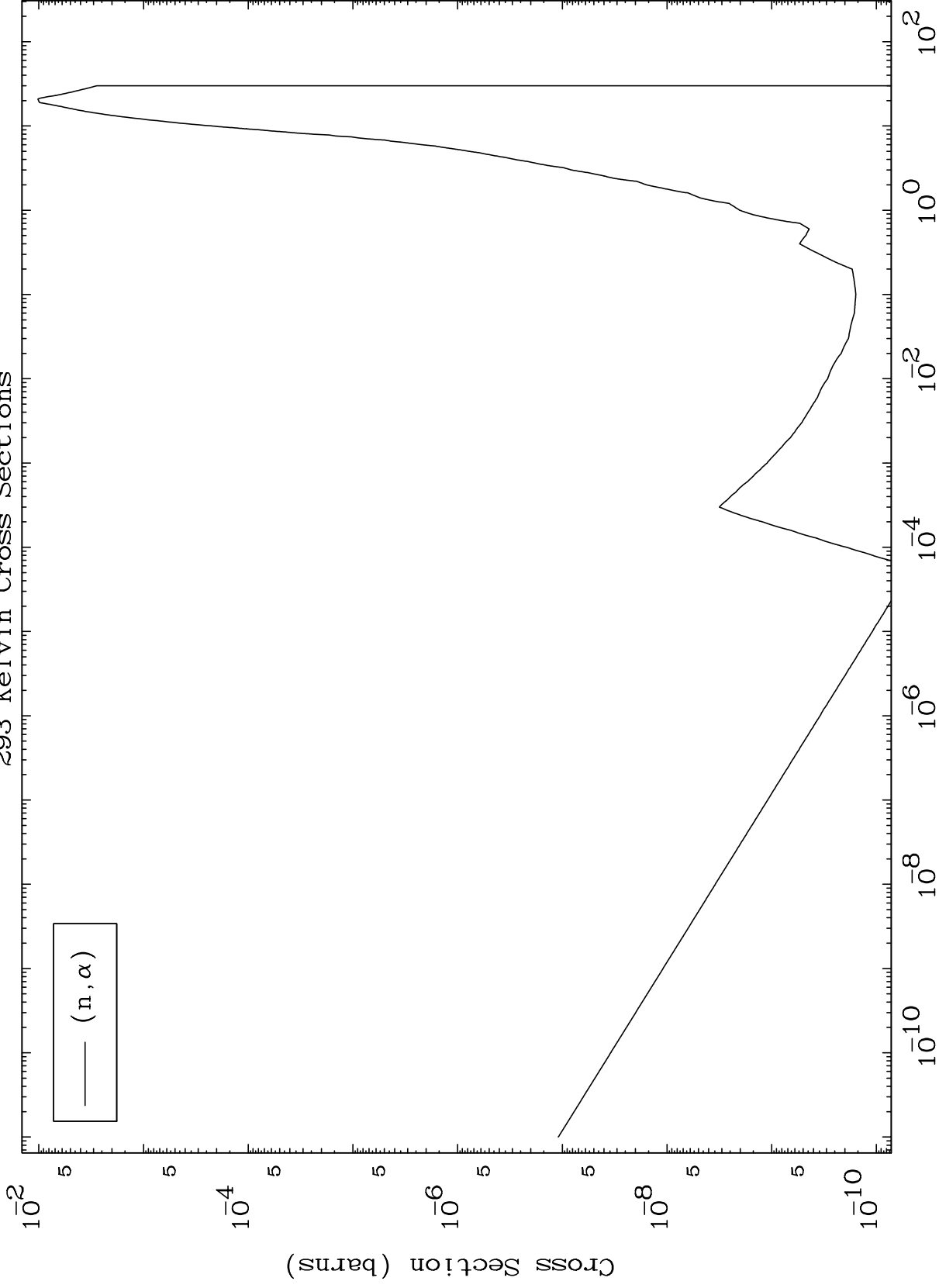
60-Nd-146



MAT 6037

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

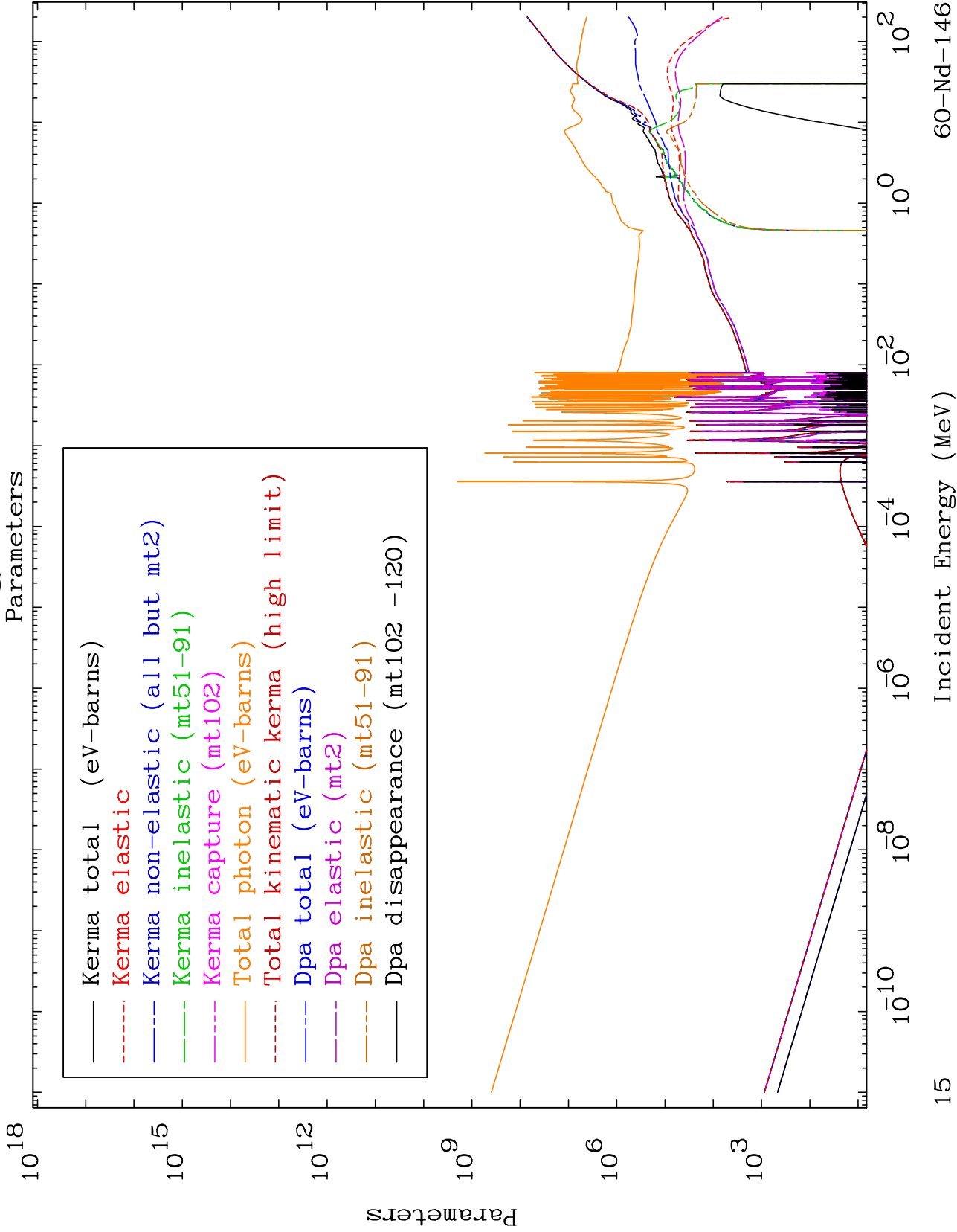
60-Nd-146



60-Nd-146

Incident Energy (MeV)

14

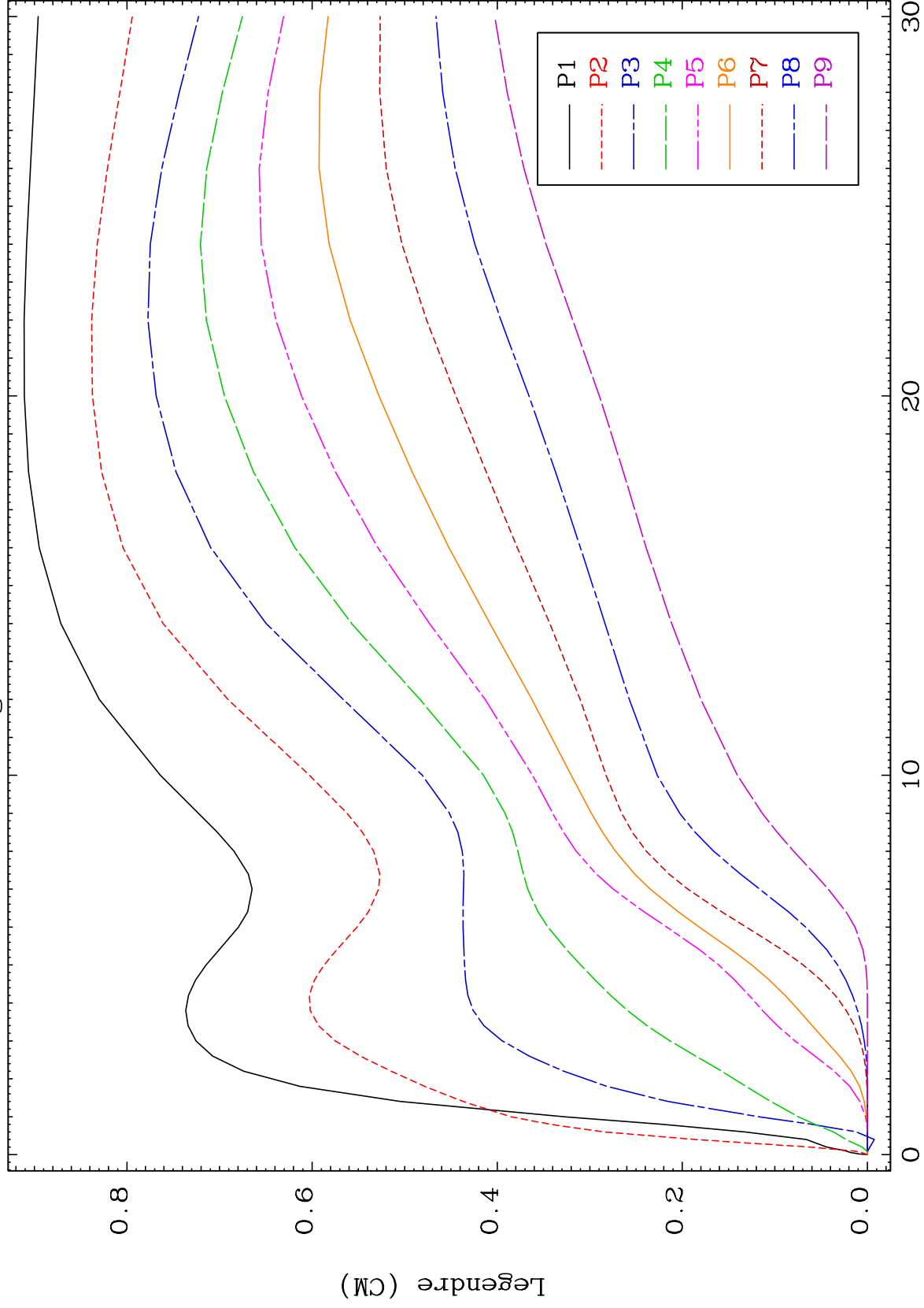




MAT 6037

Elastic Legendre Coefficients

$^{60}\text{Nd-146}$



16

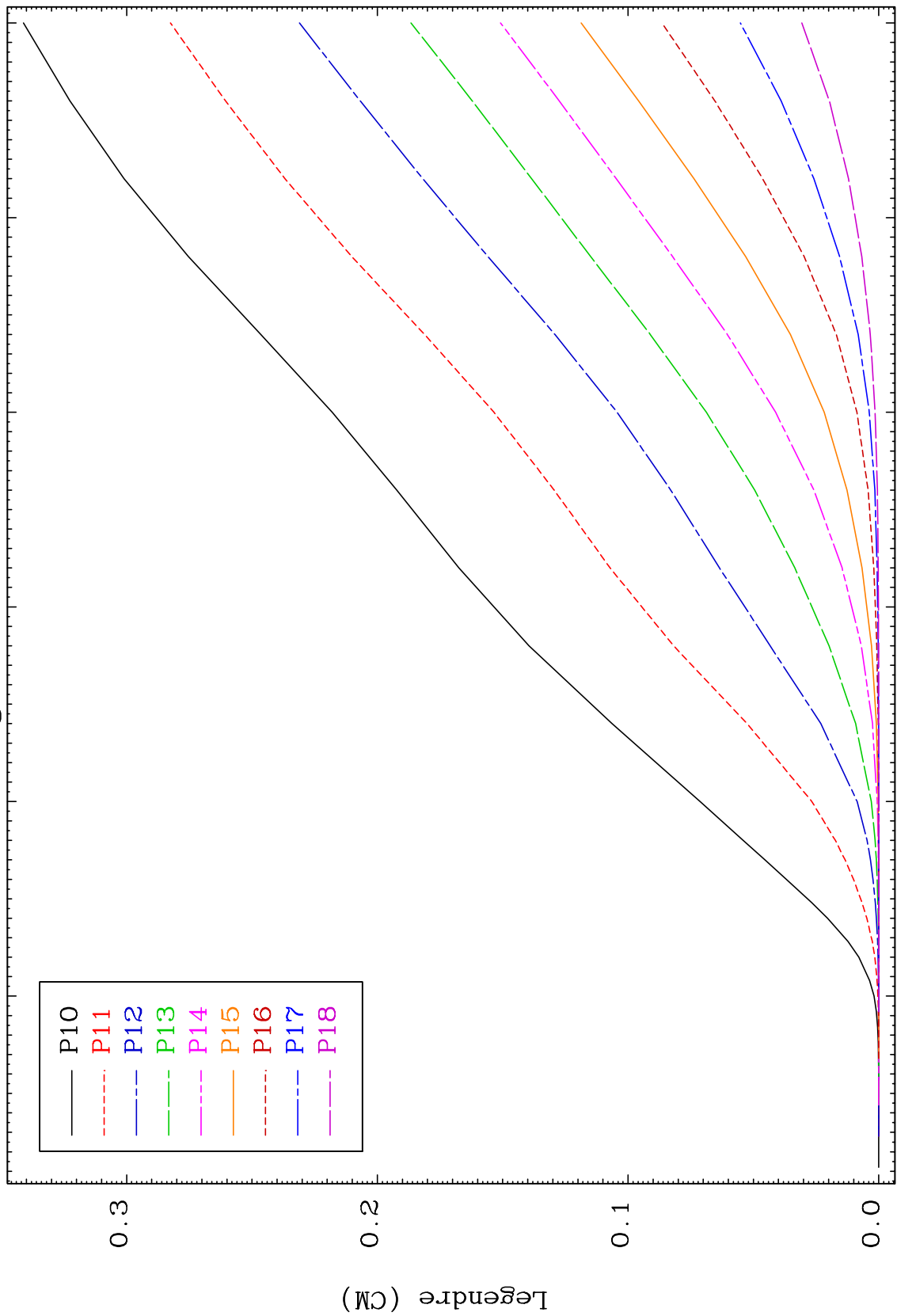
Incident Energy (MeV)

$^{60}\text{Nd-146}$

MAT 6037

Elastic Legendre Coefficients

60-Nd-146



17

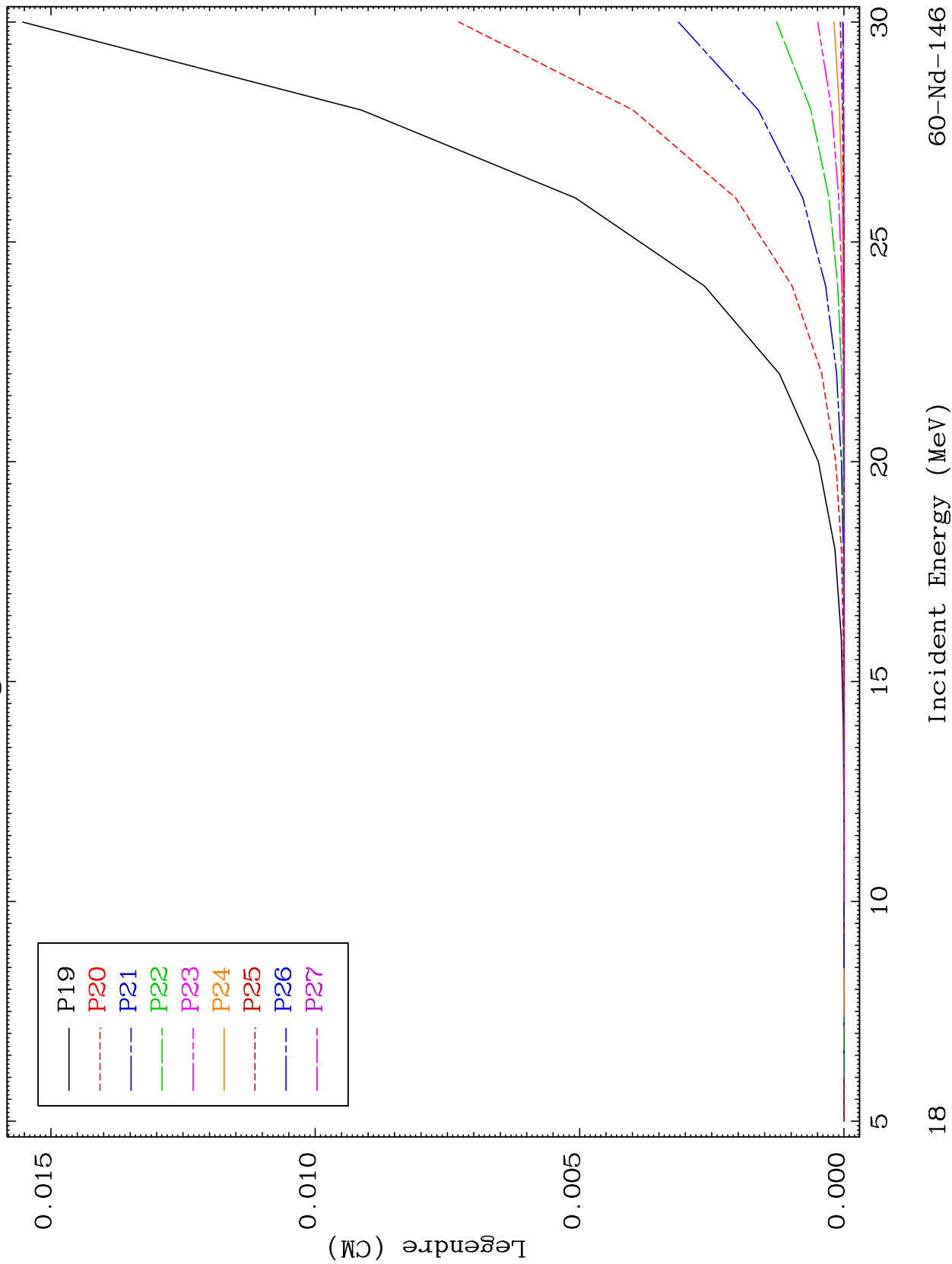
Incident Energy (MeV)

60-Nd-146

MAT 6037

### Elastic Legendre Coefficients

60-Nd-146



60-Nd-146

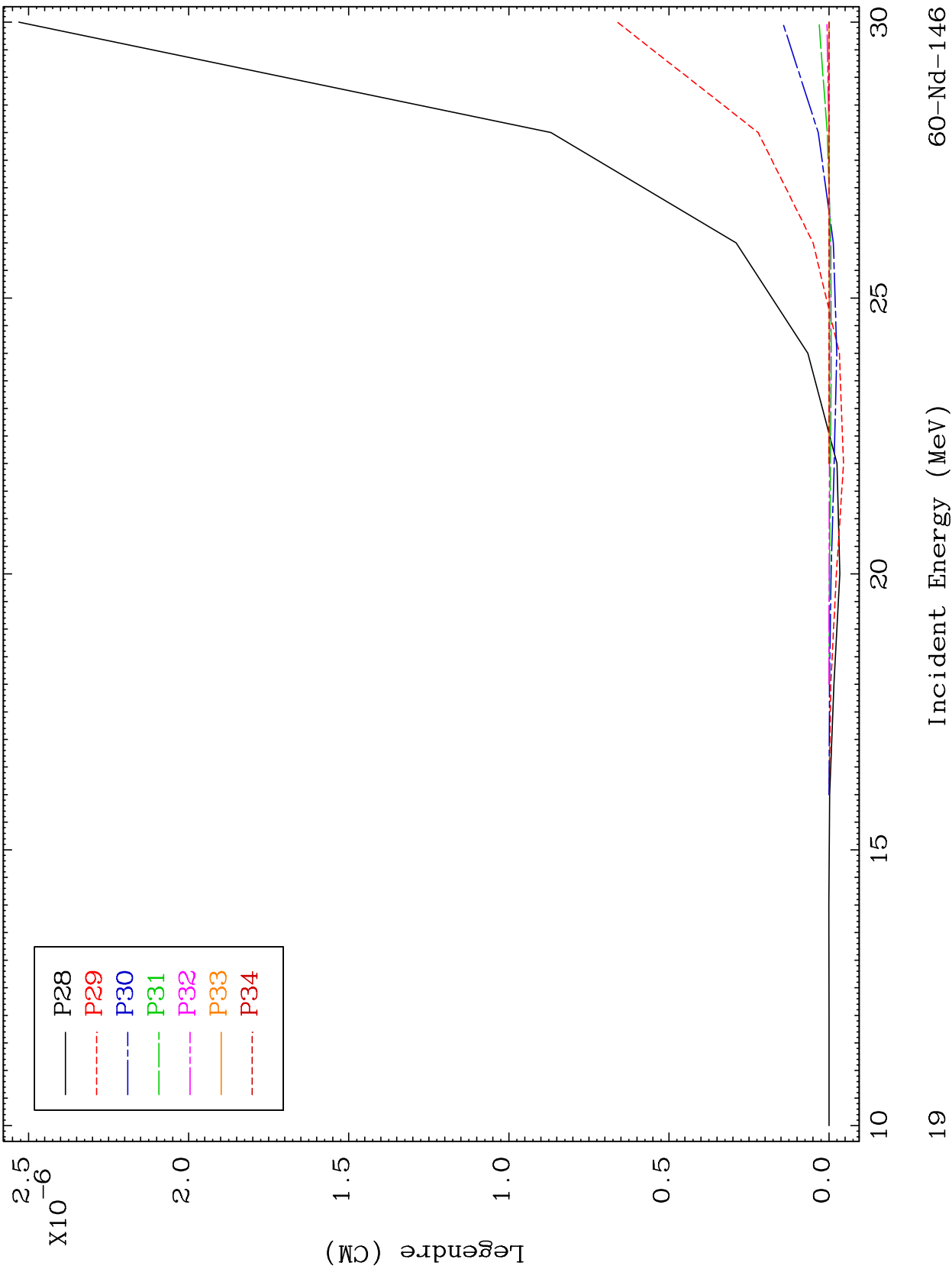
Incident Energy (MeV)

18

MAT 6037

Elastic Legendre Coefficients

<sup>60</sup>Nd-146



19

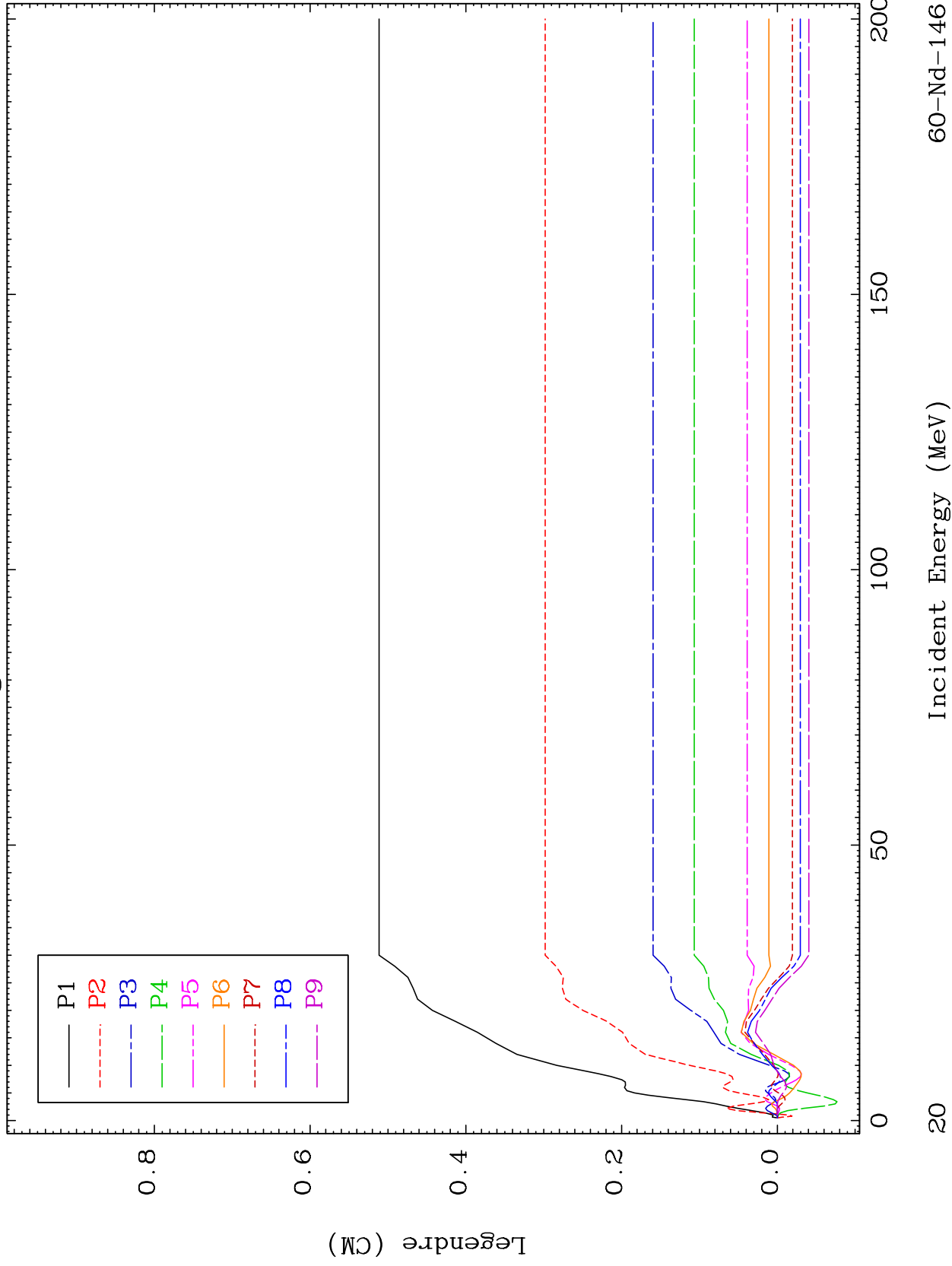
Incident Energy (MeV)

<sup>60</sup>Nd-146

MAT 6037

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

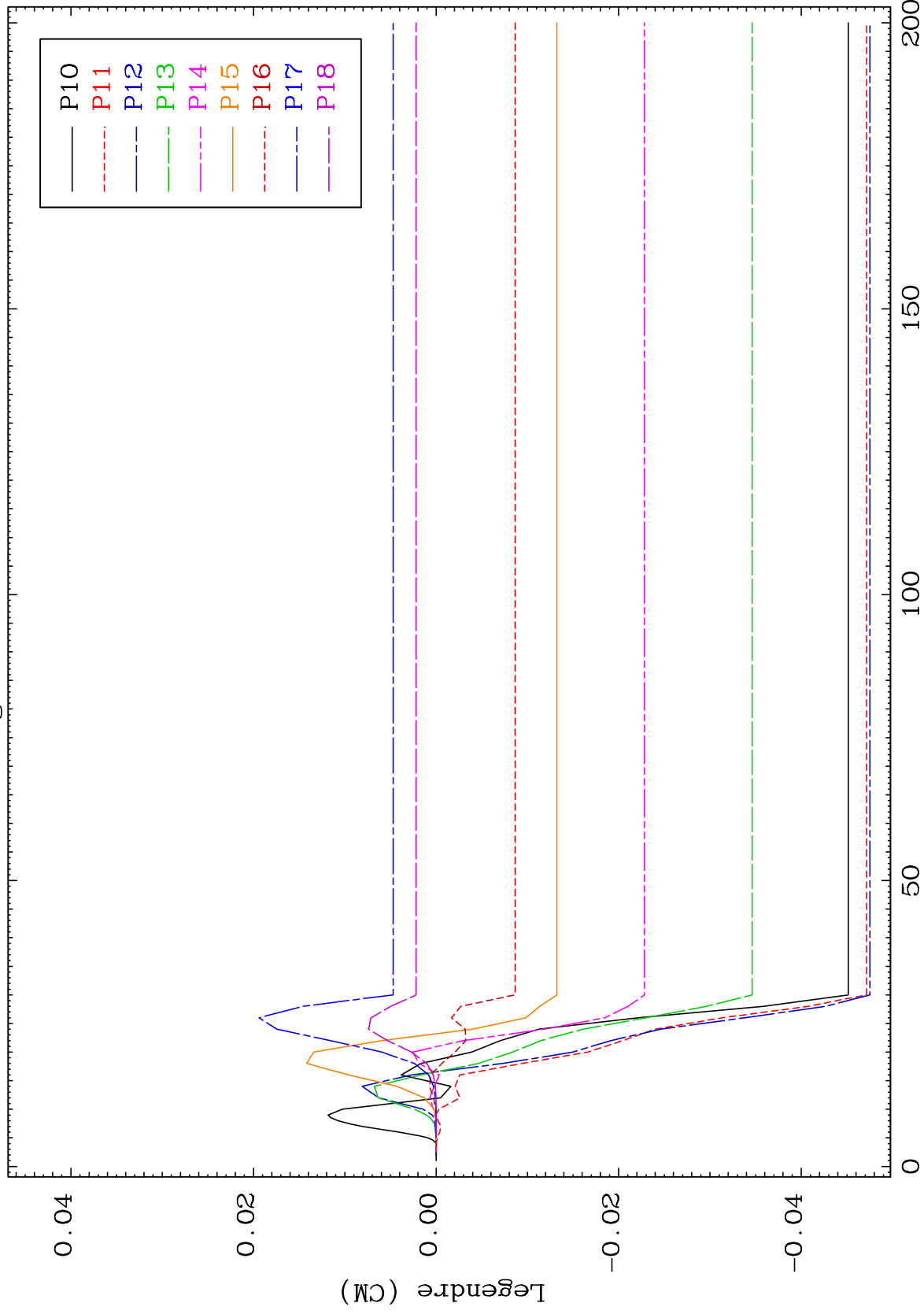
60-Nd-146



MAT 6037

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

60-Nd-146



21

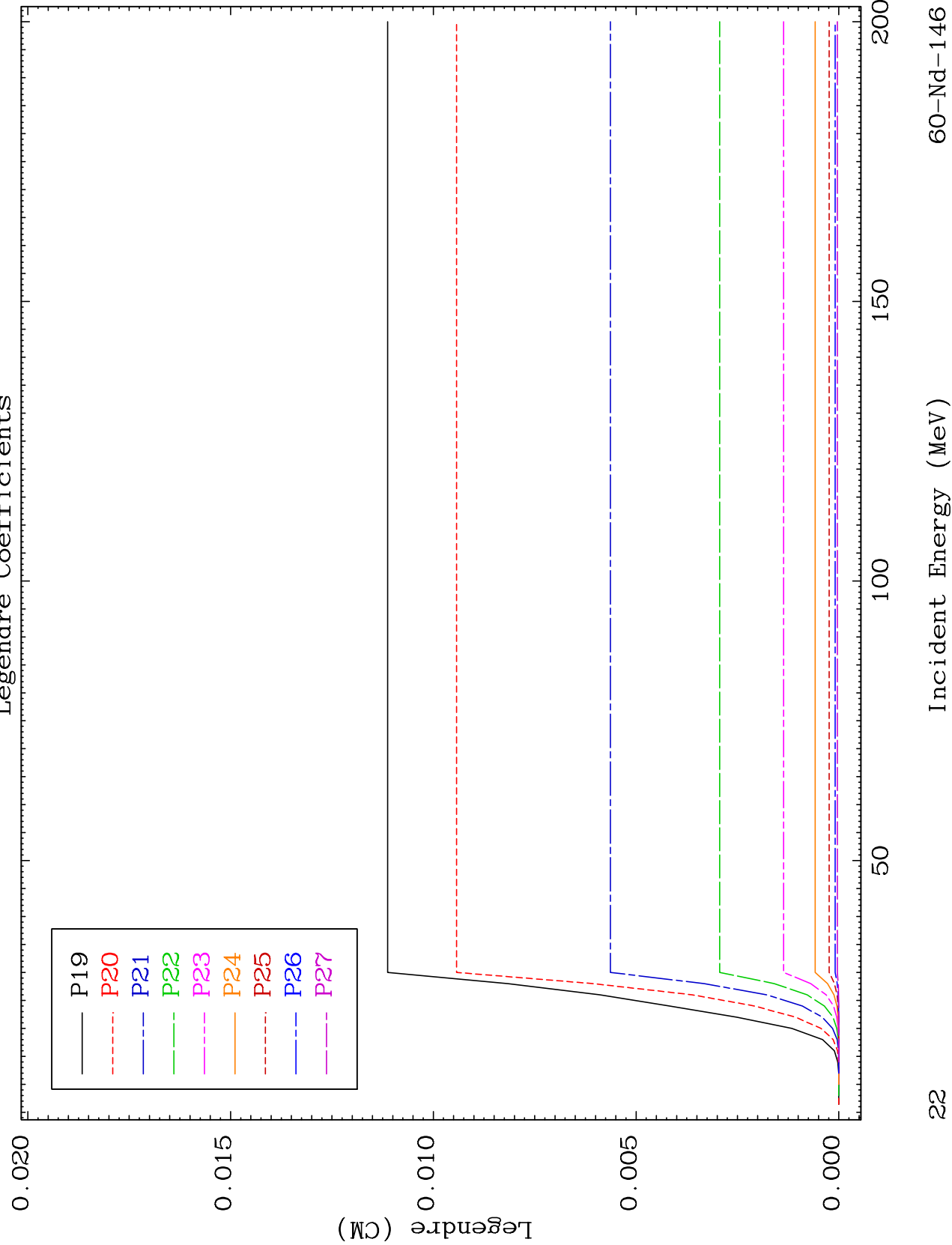
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

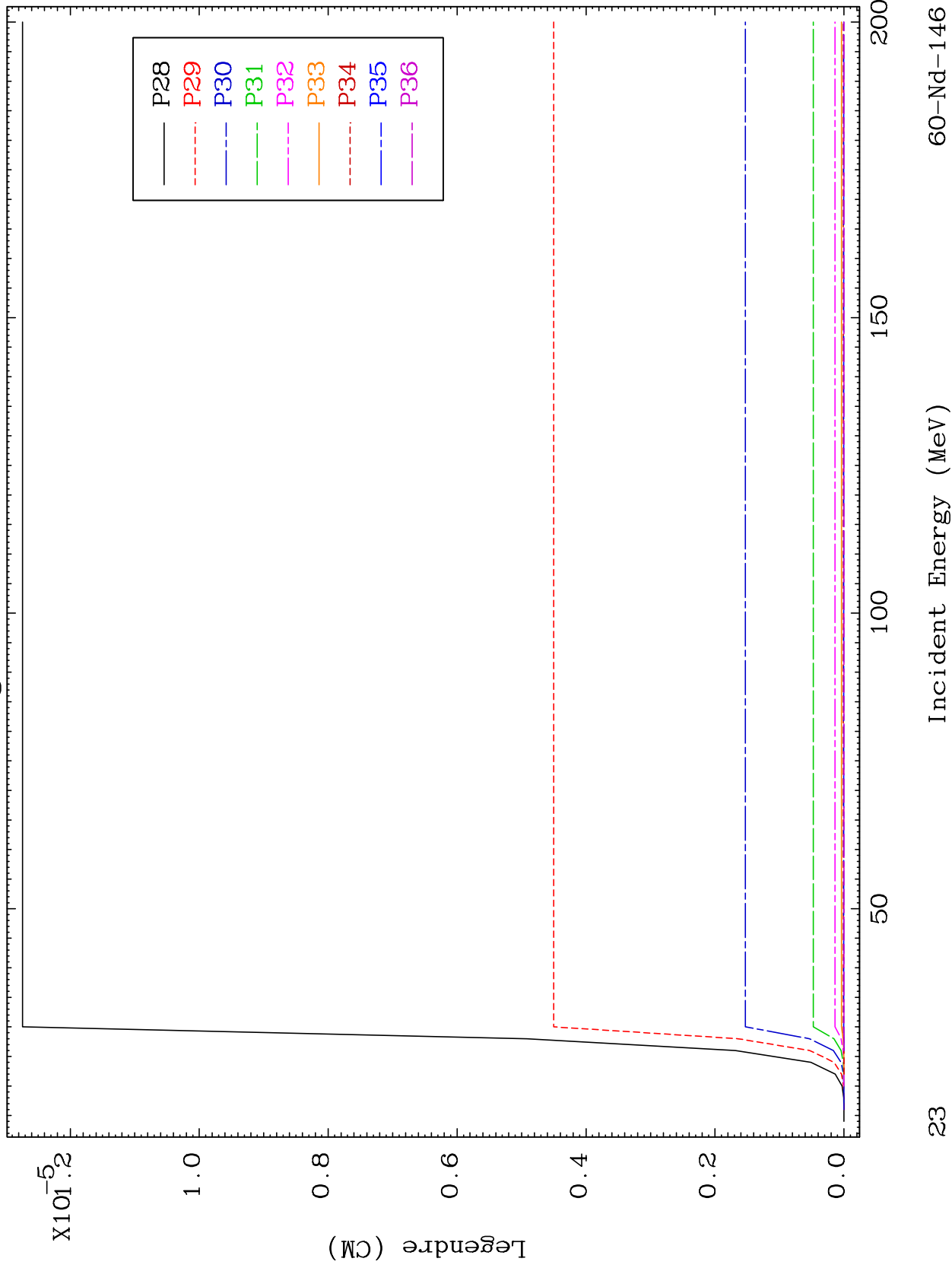
60-Nd-146



MAT 6037

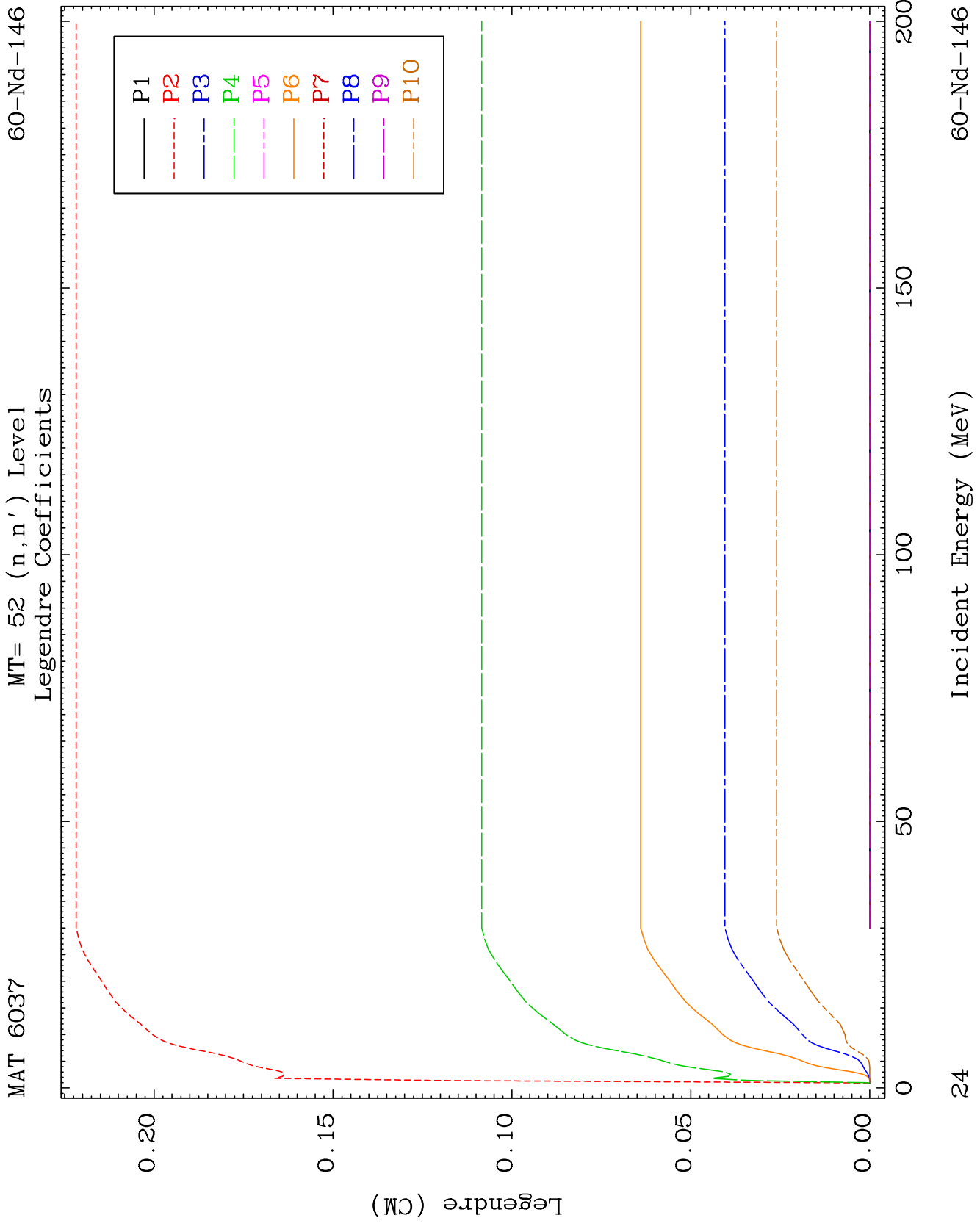
MT= 51 (n,n') Level  
Legendre Coefficients

60-Nd-146



23

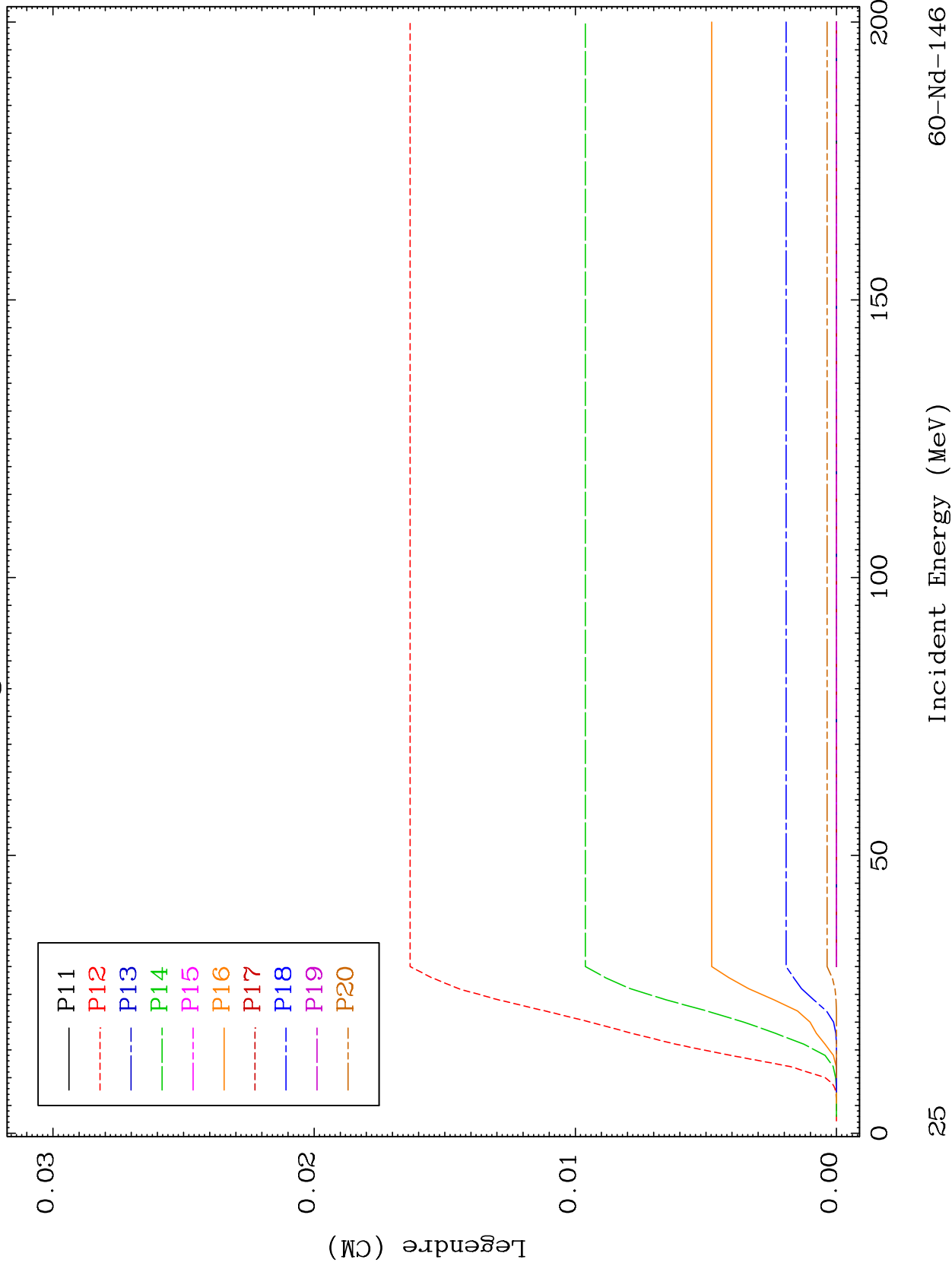




MAT 6037

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

60-Nd-146



60-Nd-146

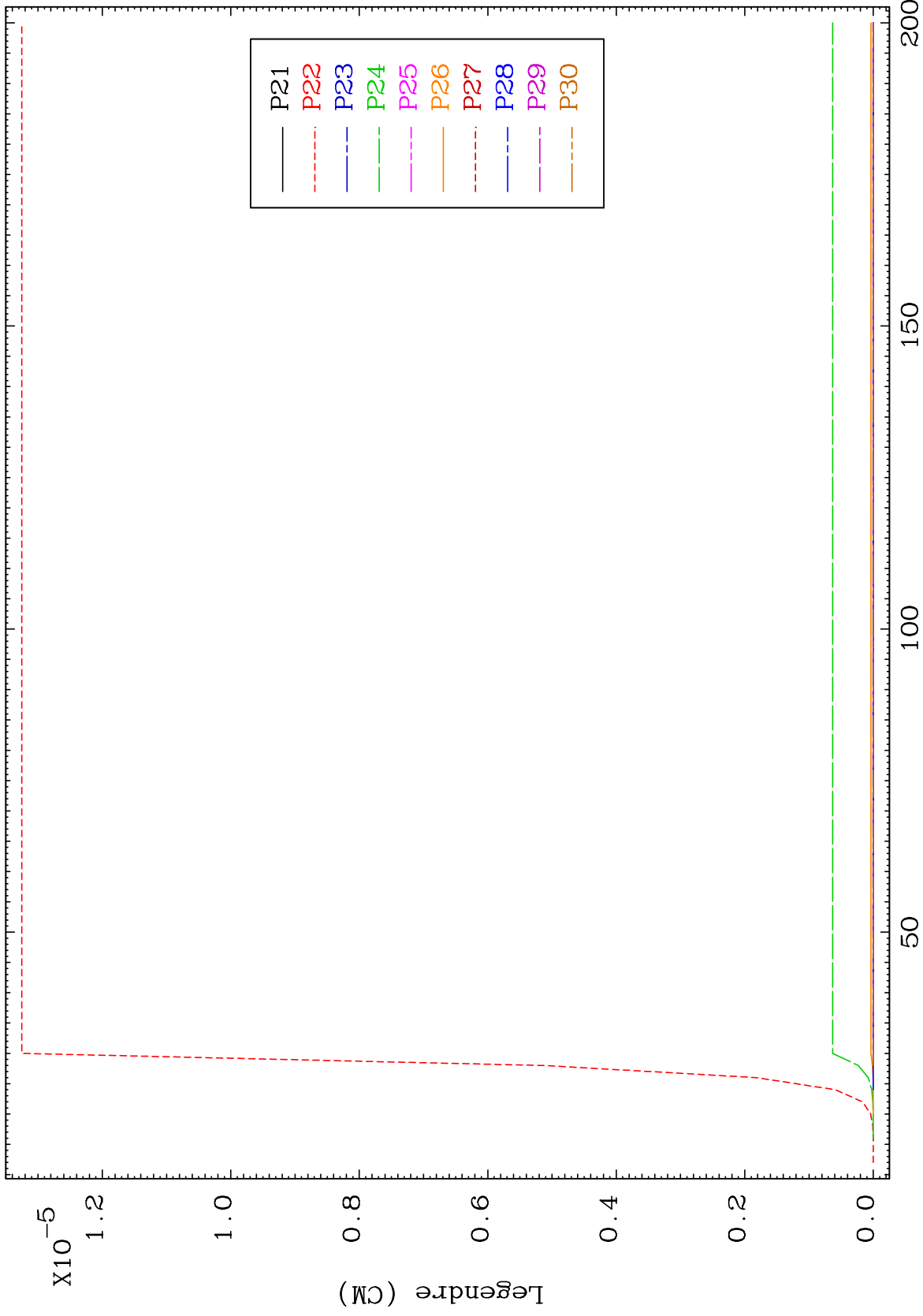
Incident Energy (MeV)

25

MAT 6037

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

60-Nd-146



26

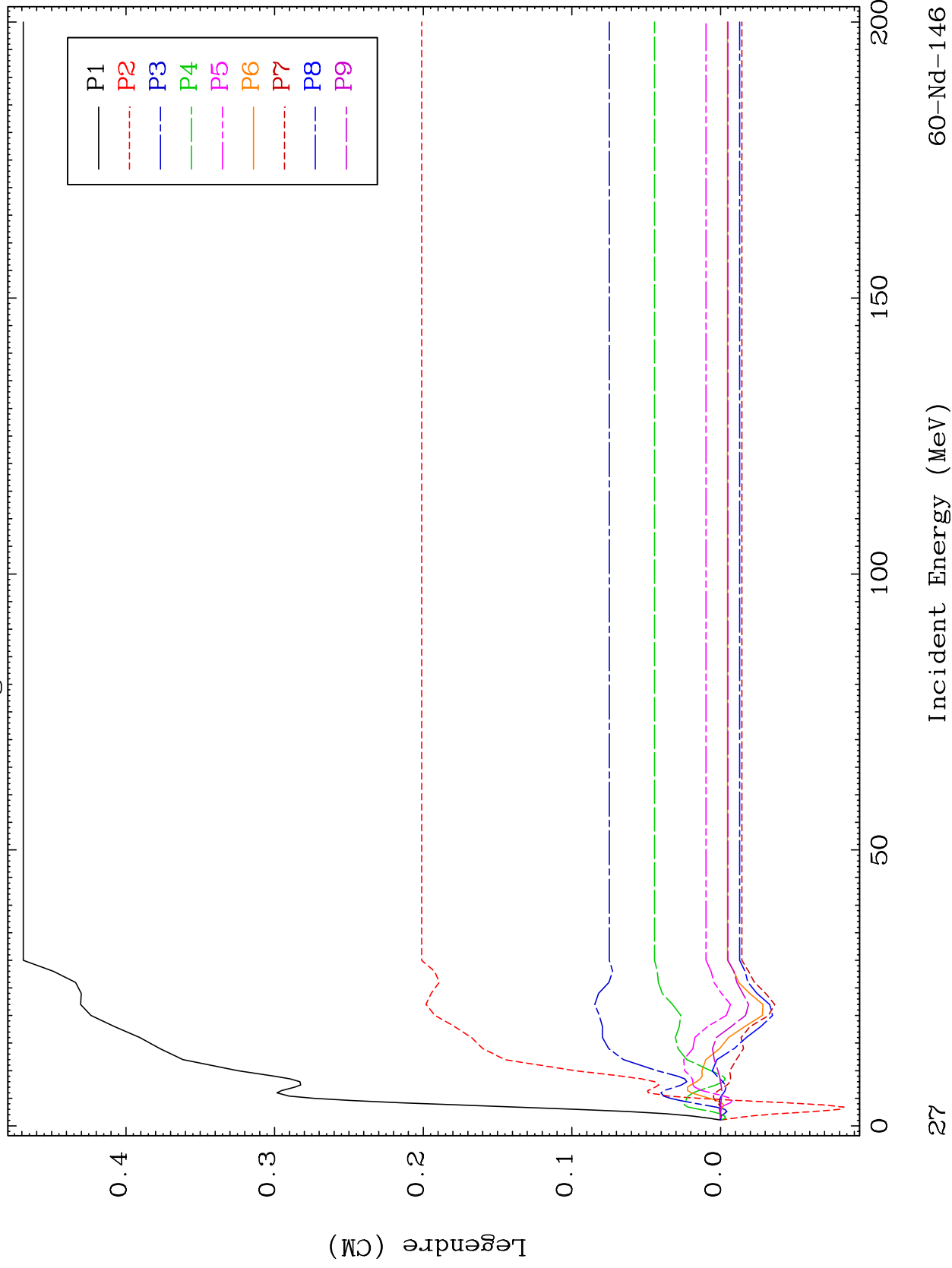
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

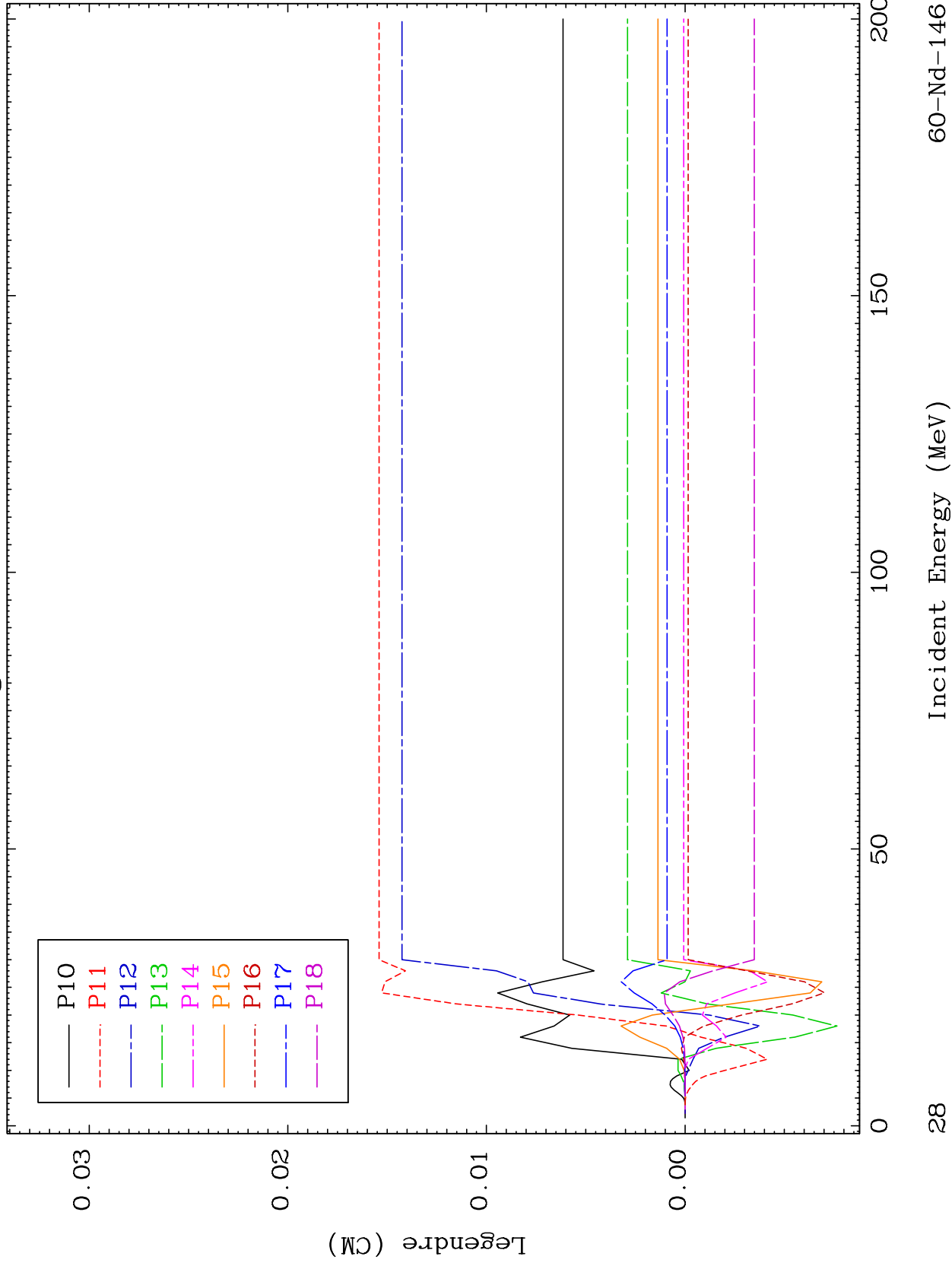
Incident Energy (MeV)

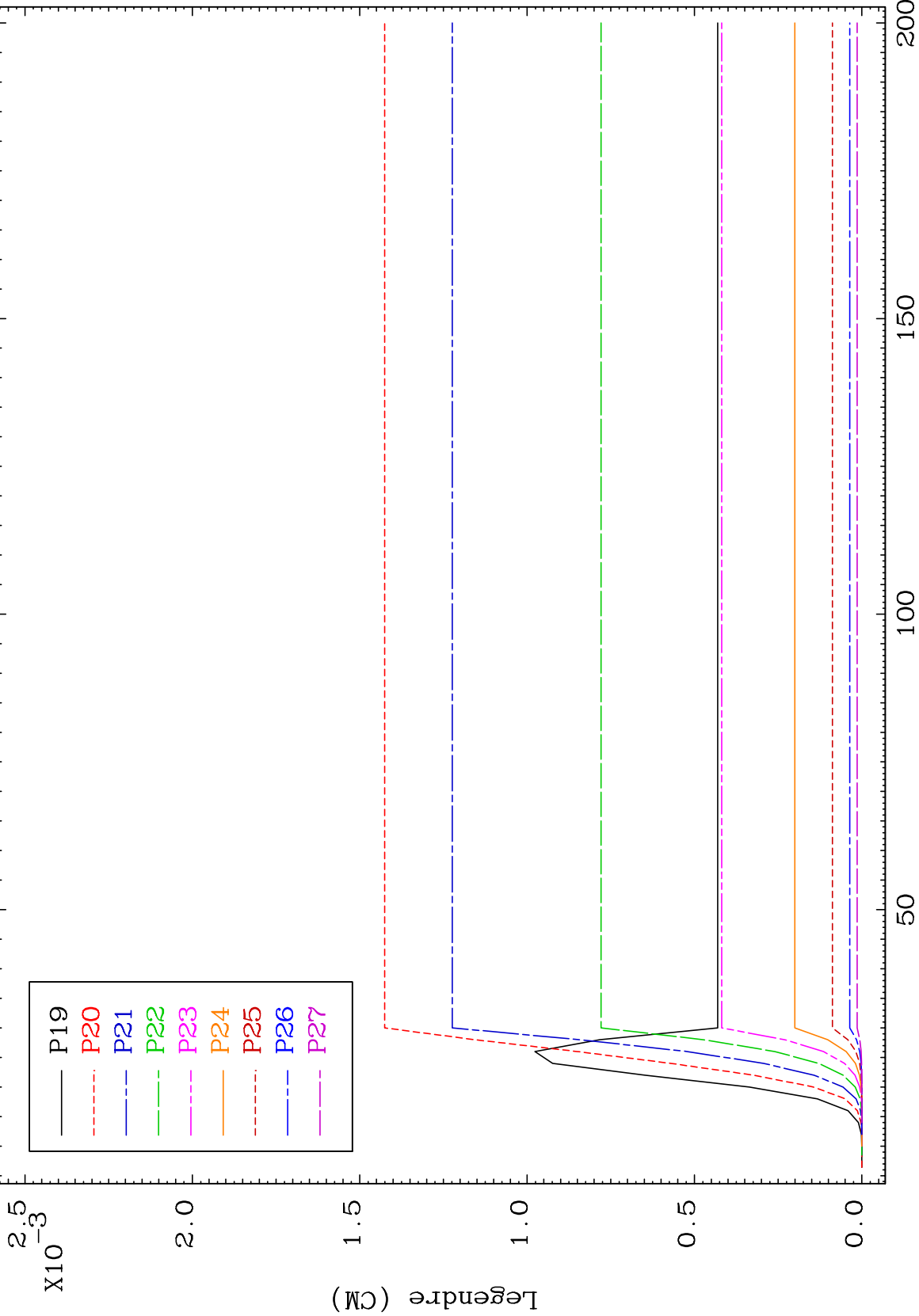
27

MAT 6037

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

60-Nd-146

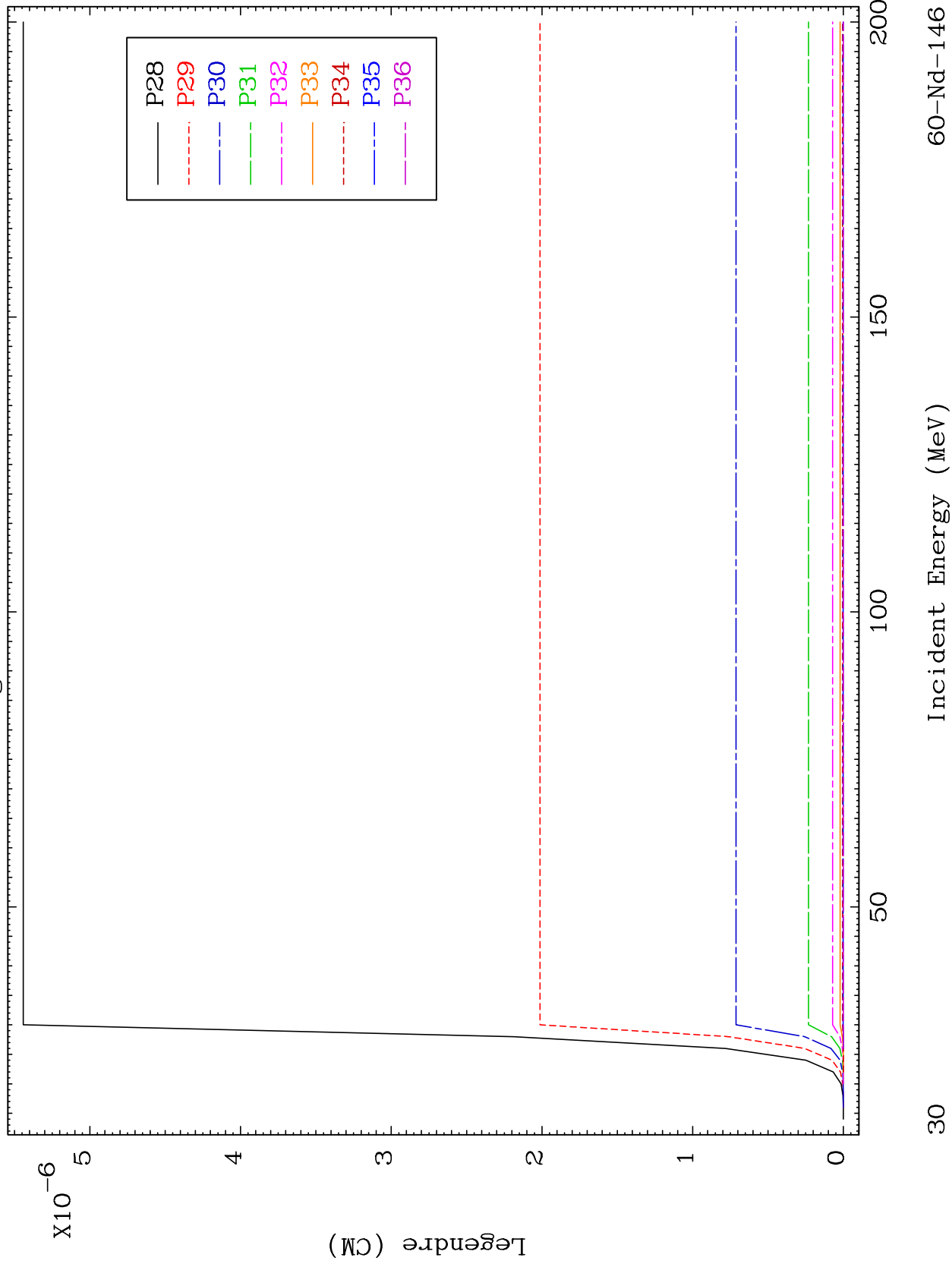




MAT 6037

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

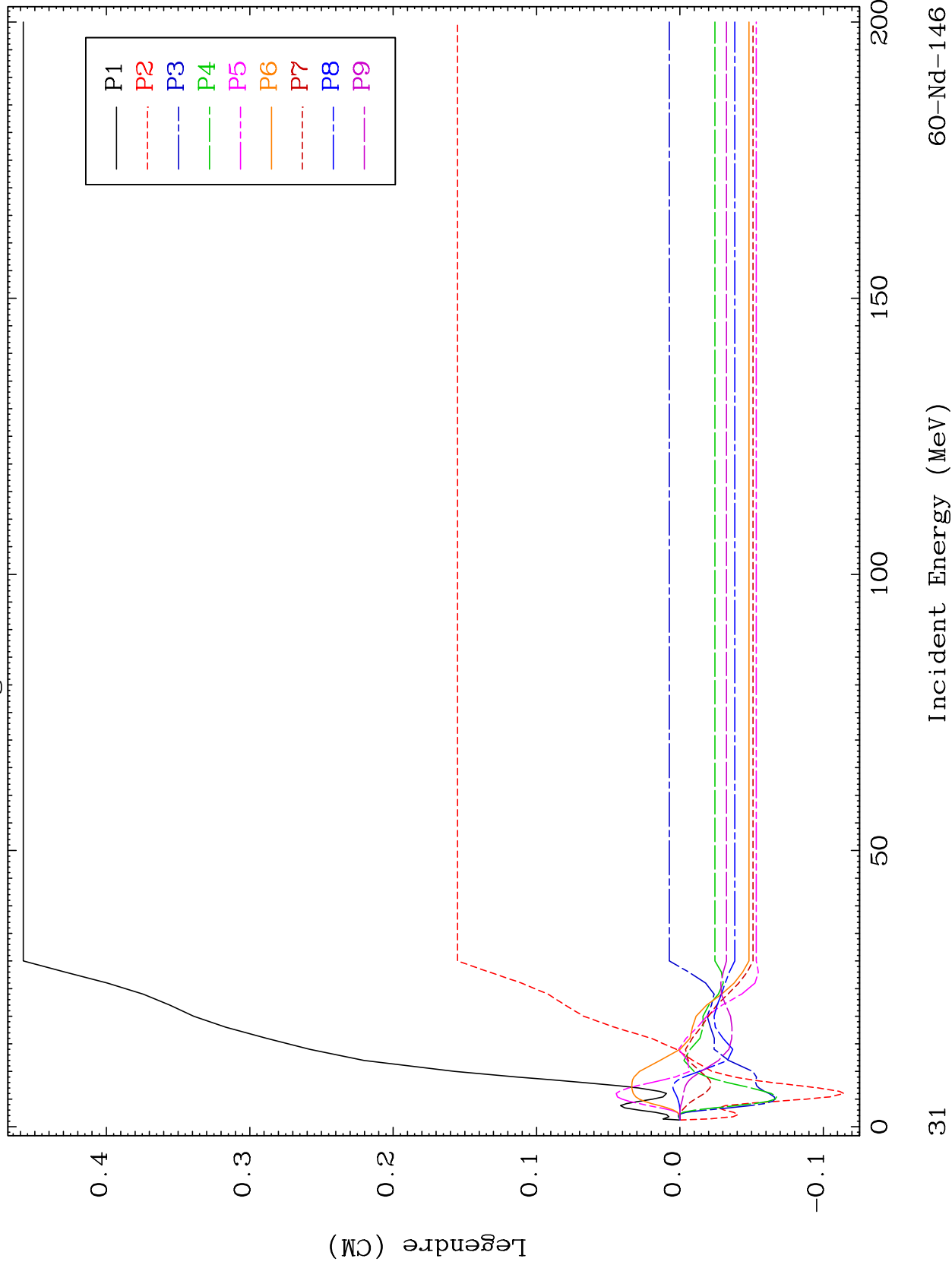
60-Nd-146



MAT 6037

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

60-Nd-146

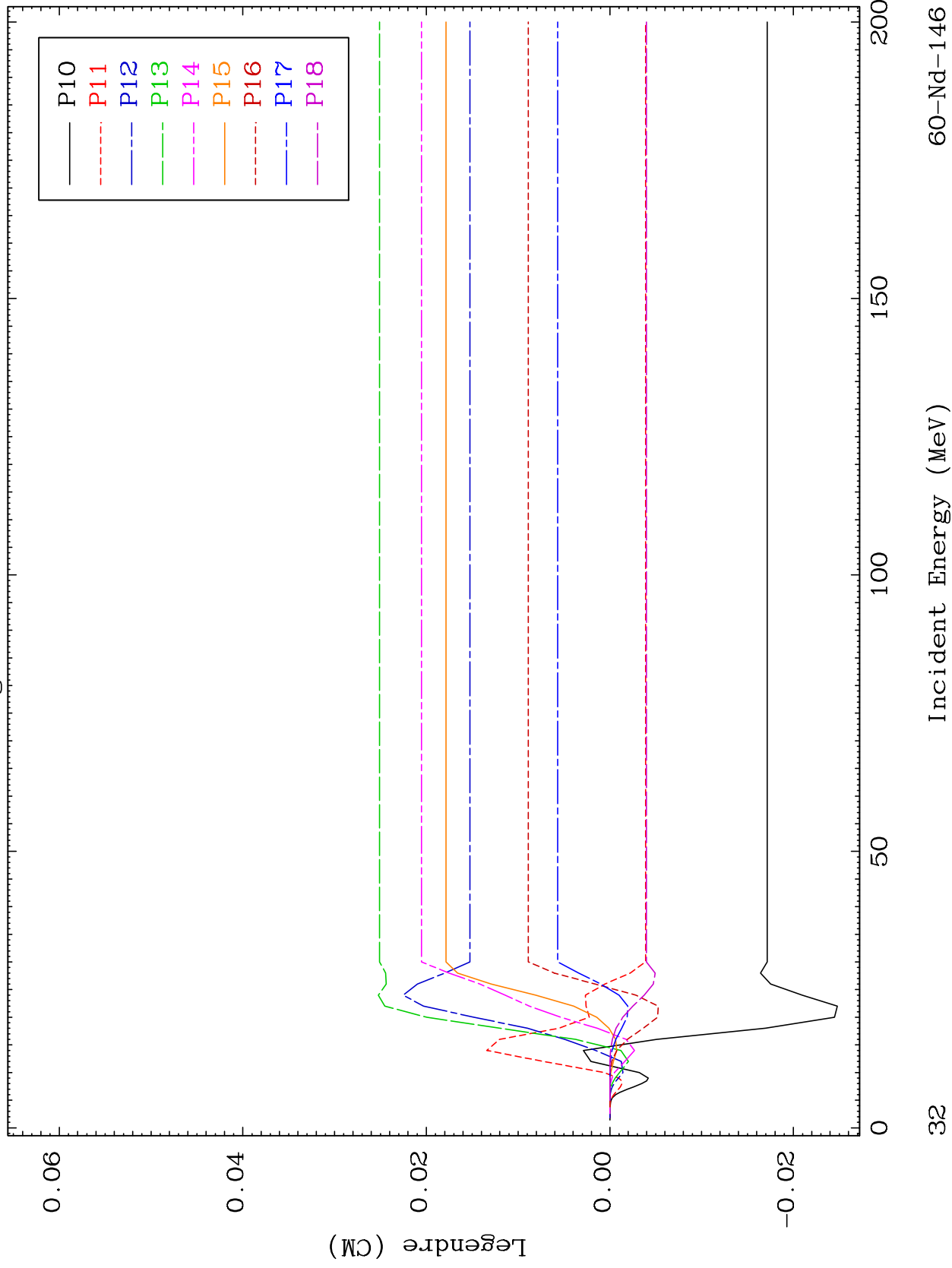




MAT 6037

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

60-Nd-146



60-Nd-146

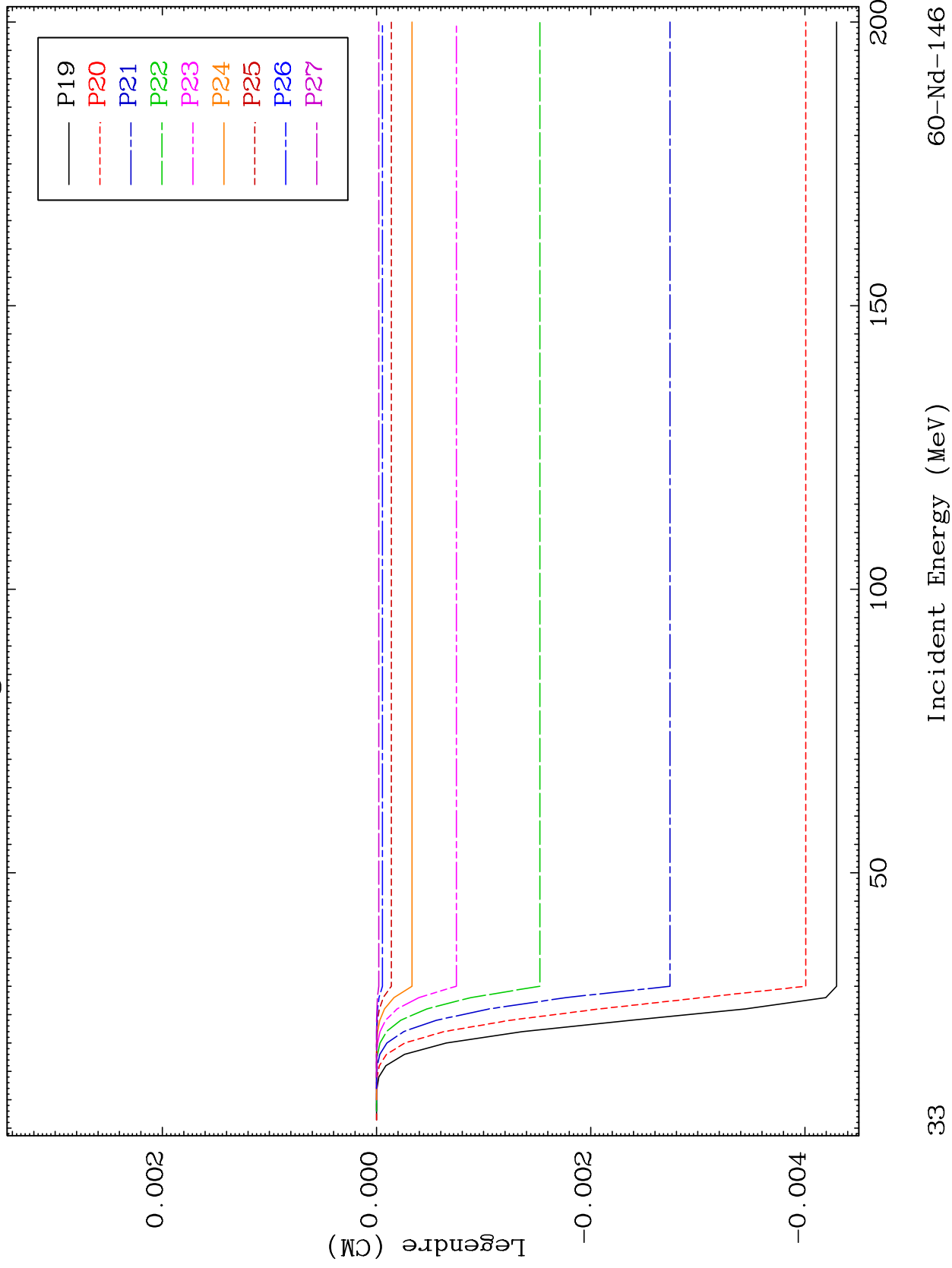
Incident Energy (MeV)

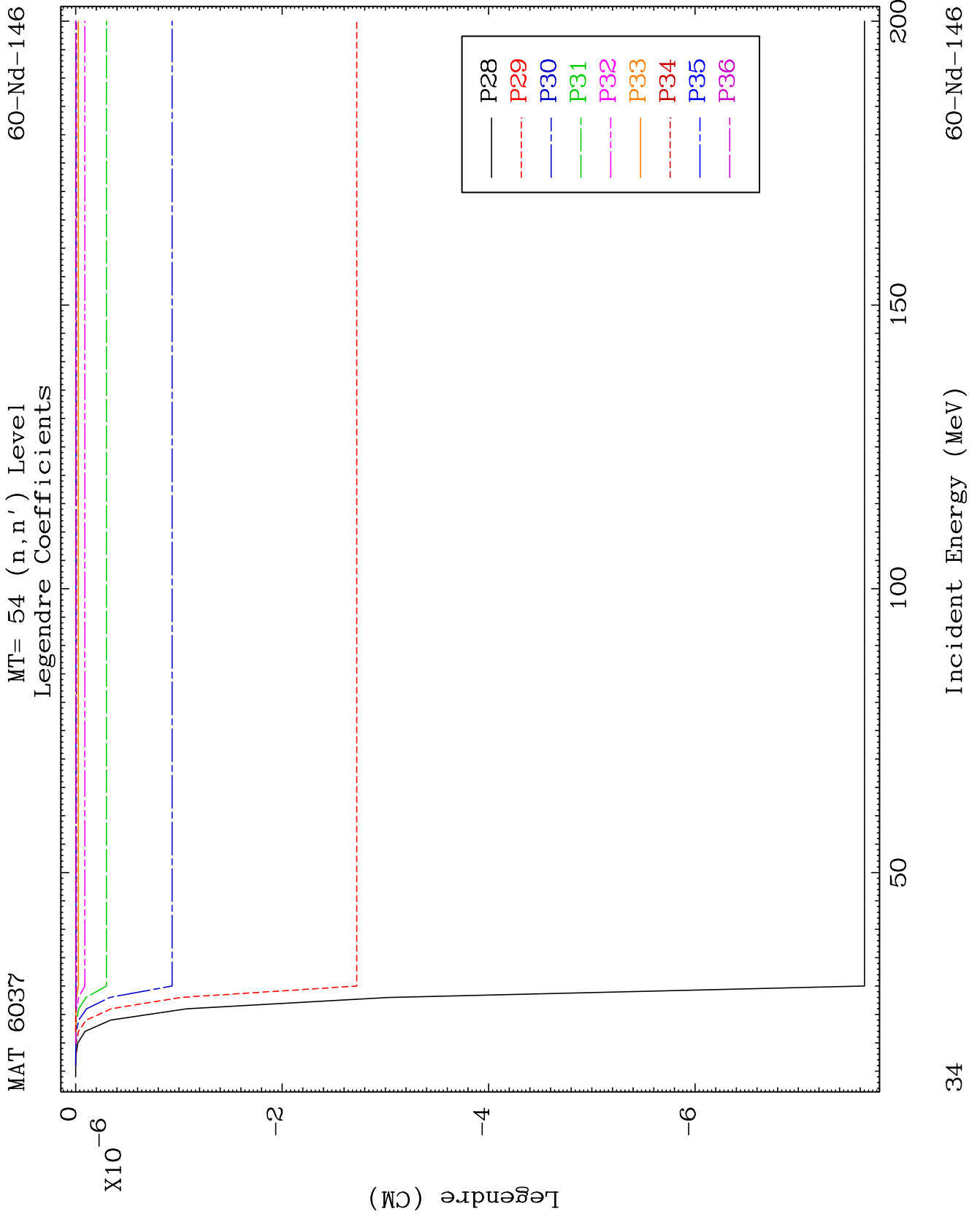
32

MAT 6037

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

60-Nd-146

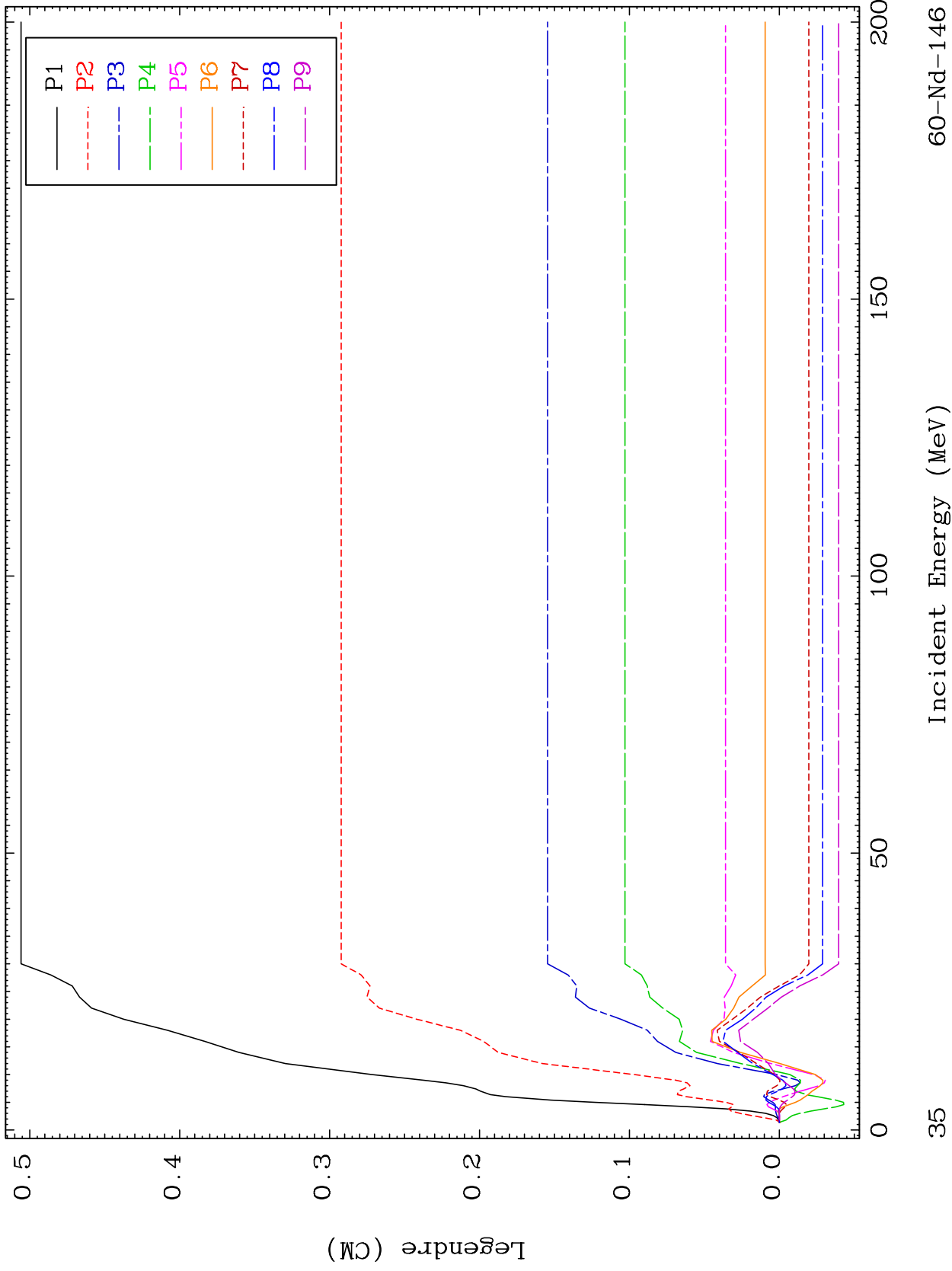




MAT 6037

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

60-Nd-146



60-Nd-146

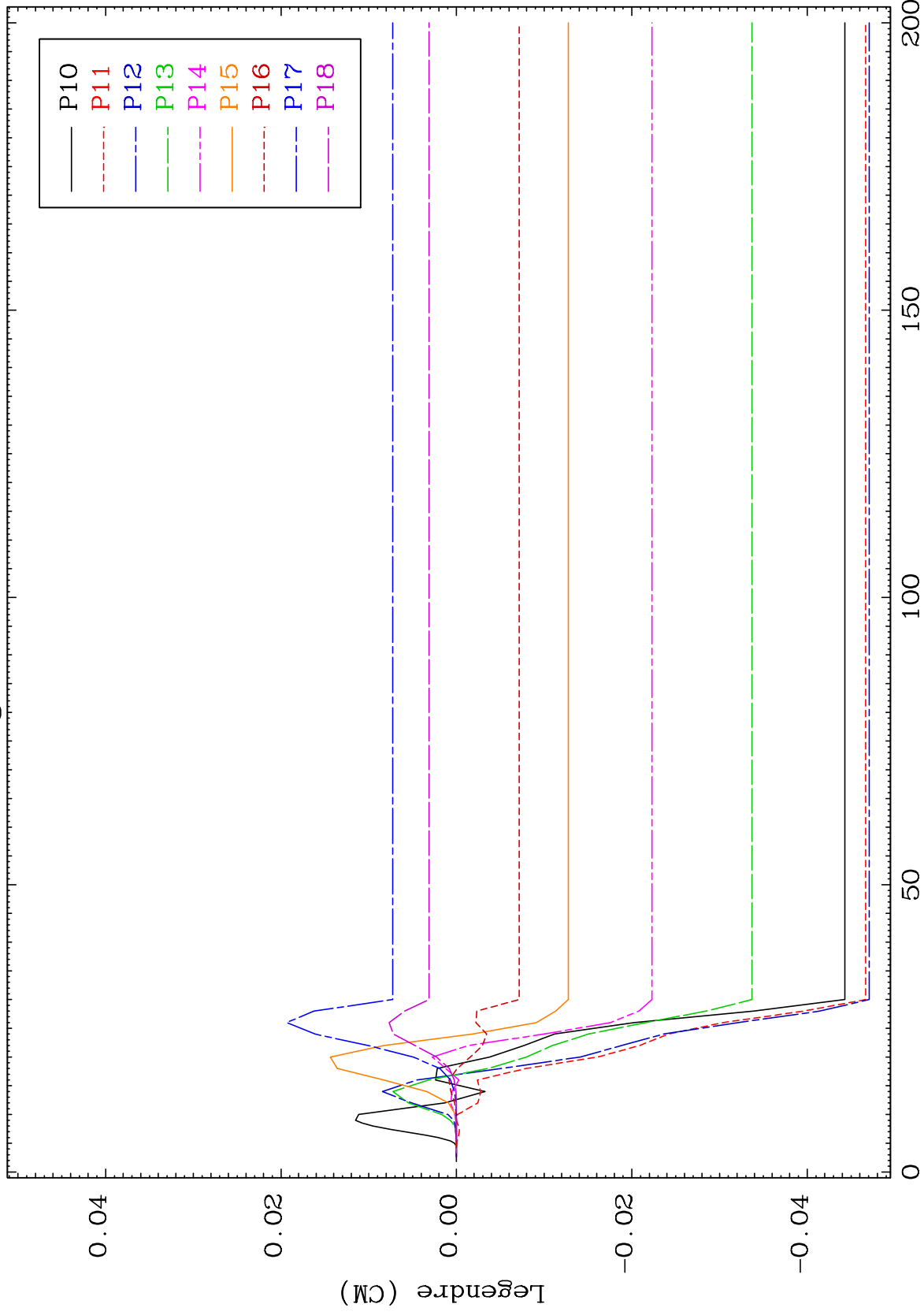
Incident Energy (MeV)

35

MAT 6037

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

60-Nd-146



36

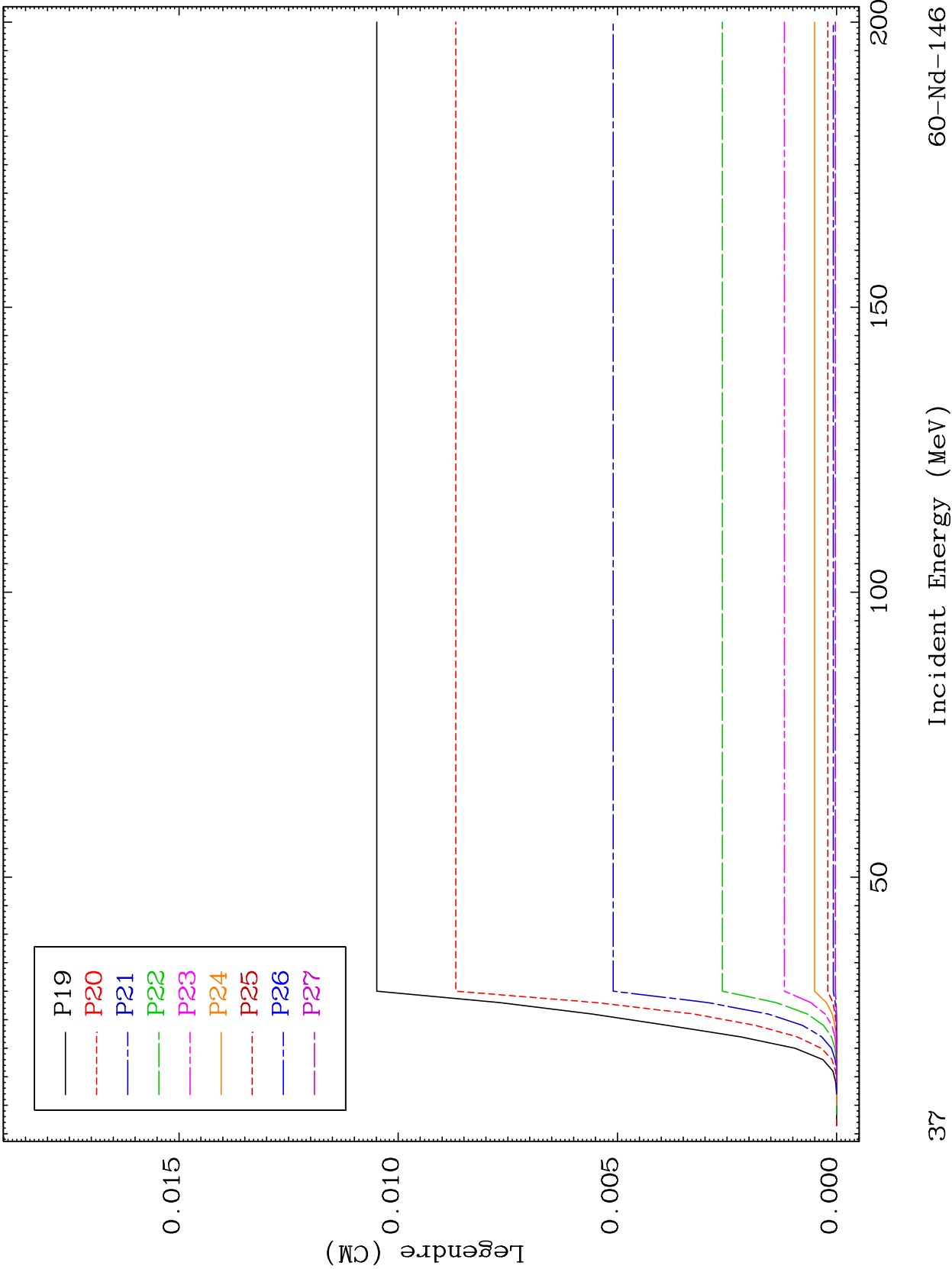
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



37

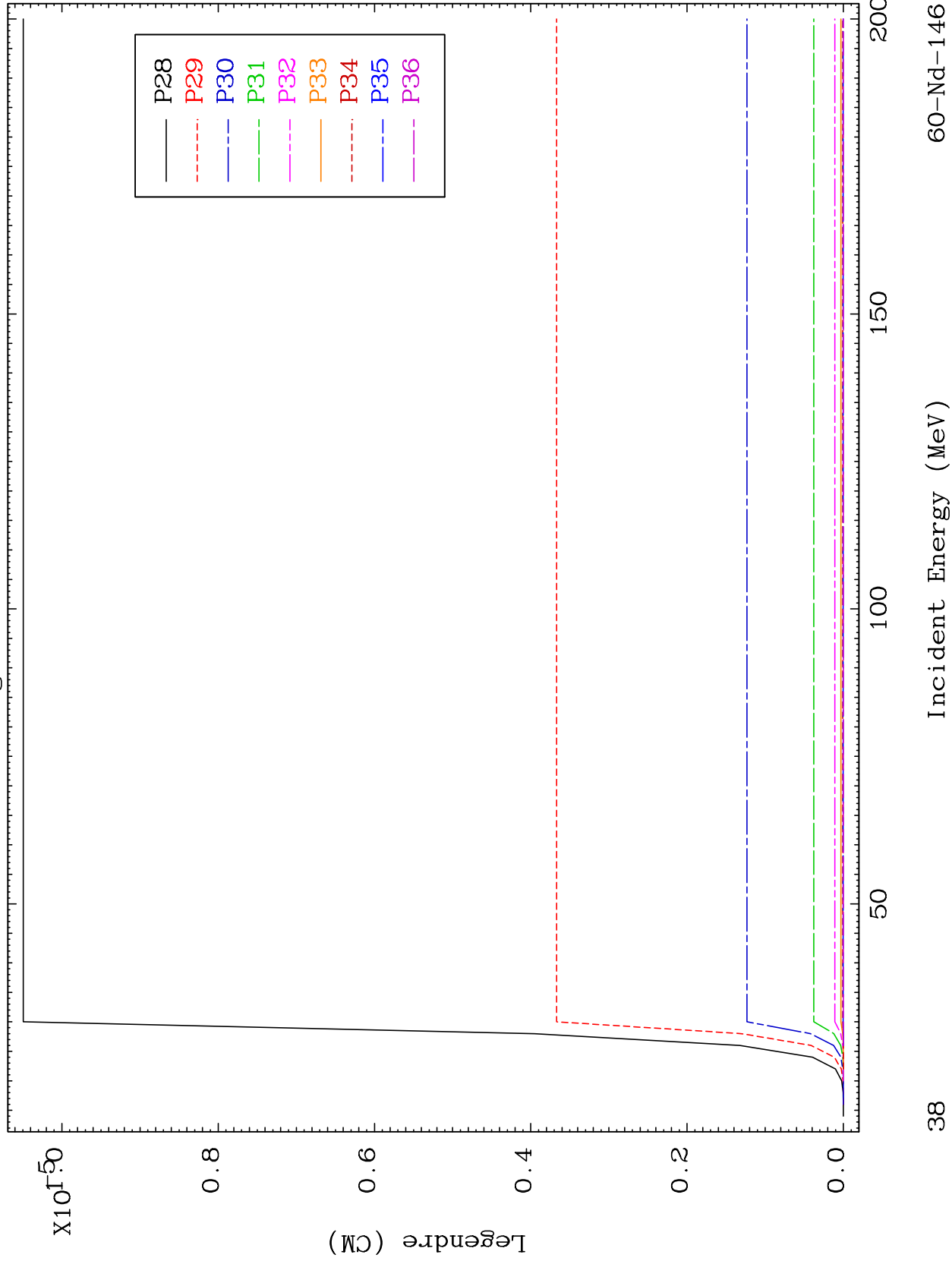
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146

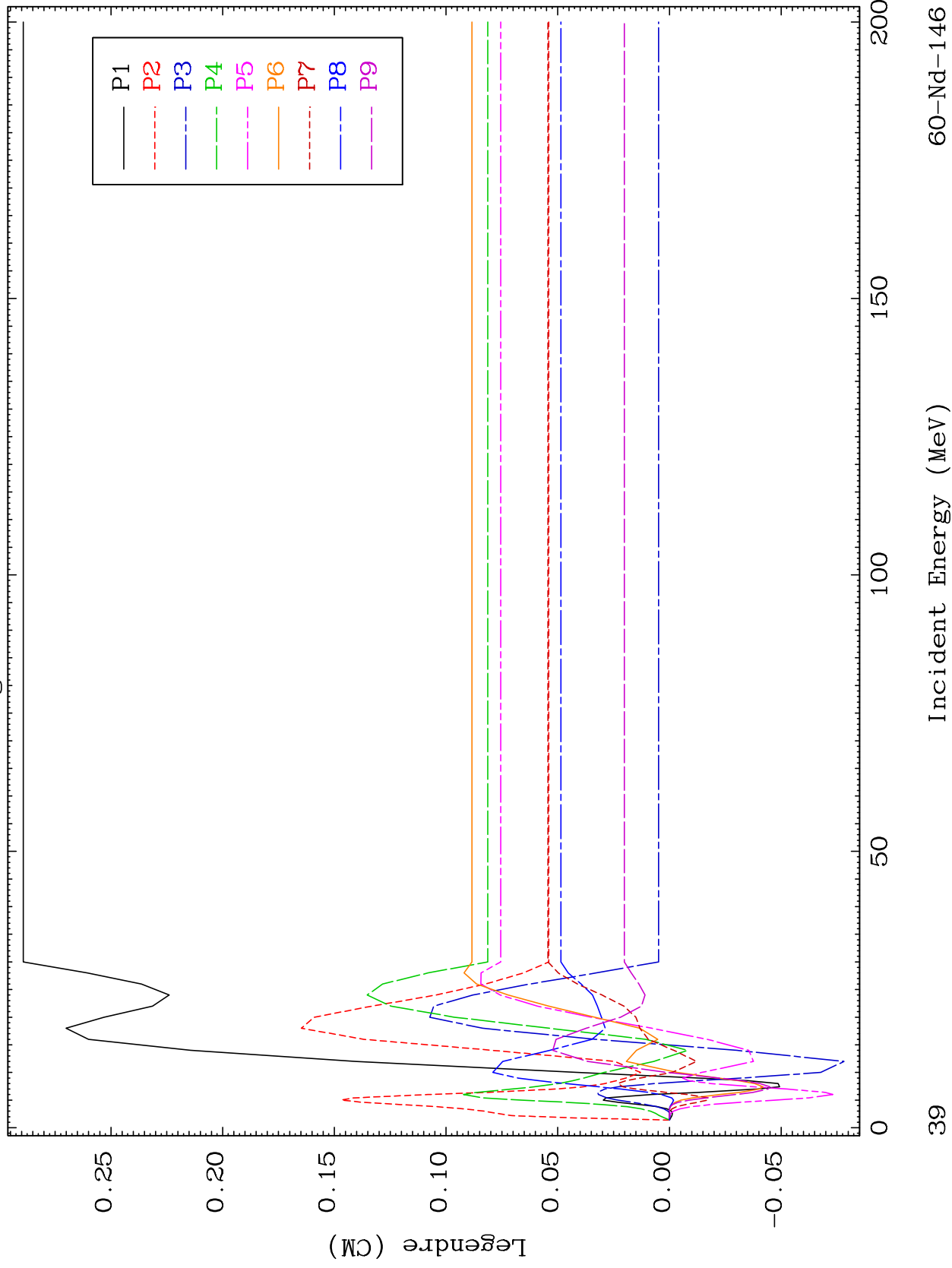


38

MAT 6037

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

60-Nd-146



60-Nd-146

Incident Energy (MeV)

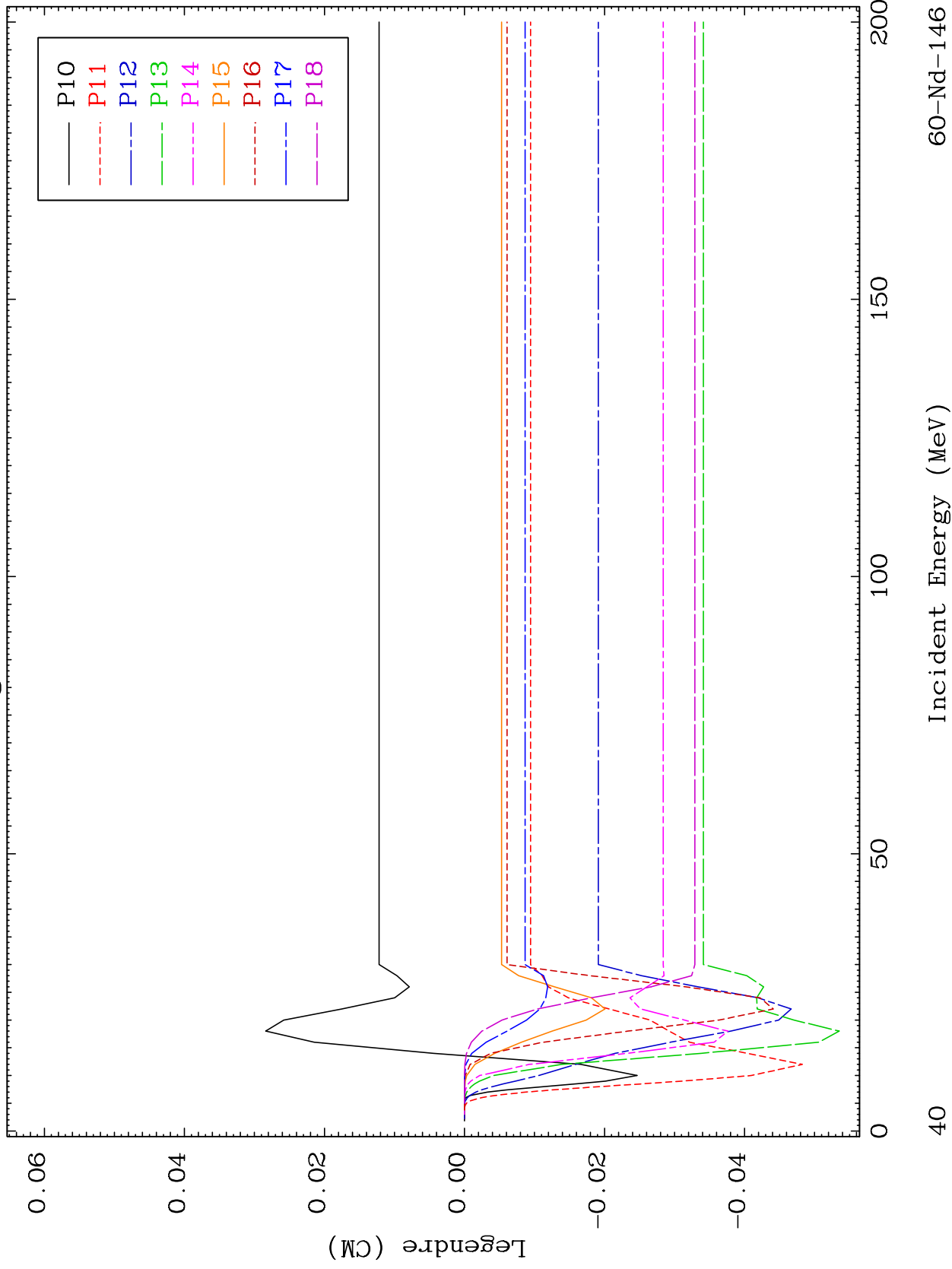
39



MAT 6037

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

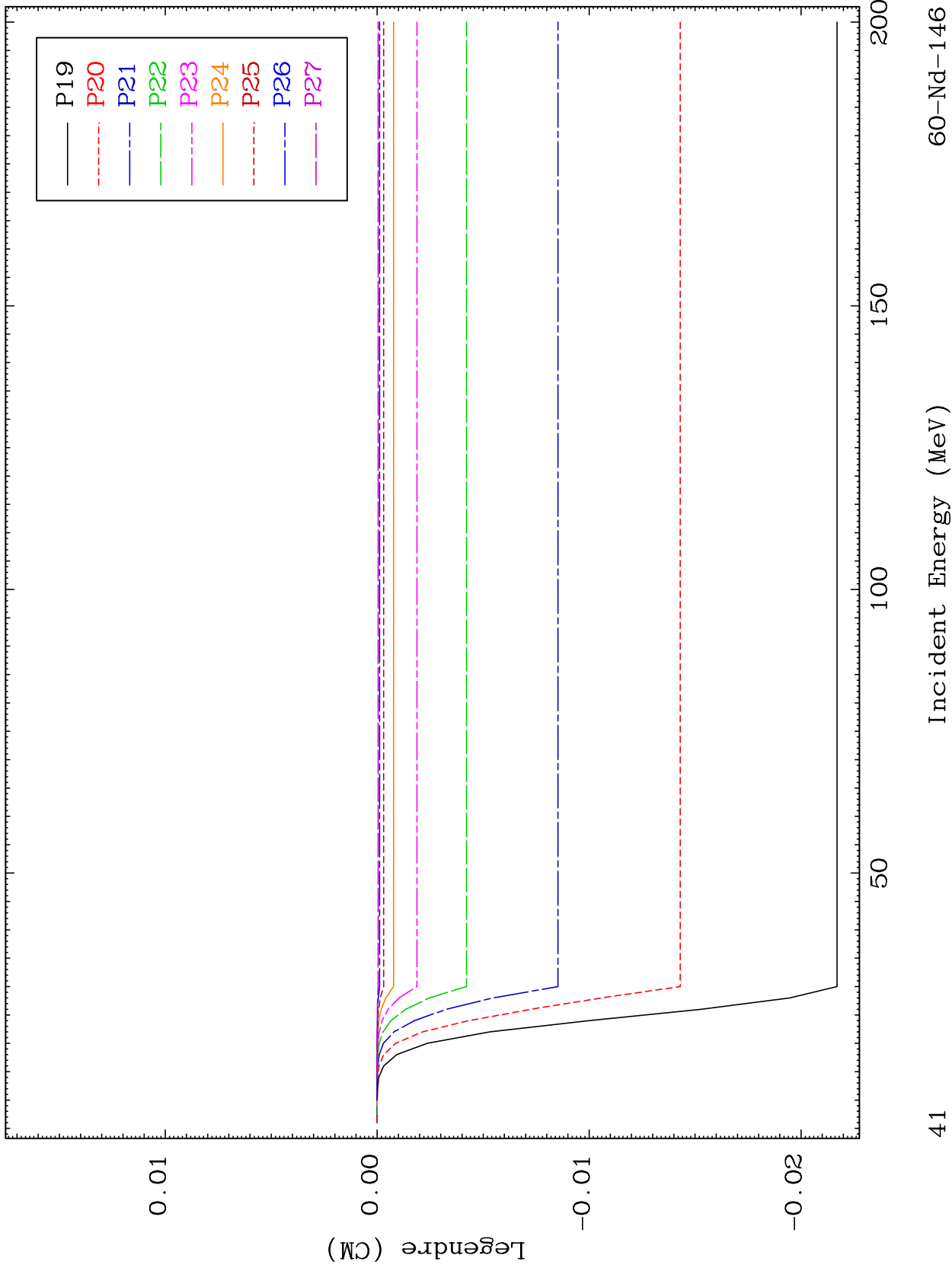
60-Nd-146



MAT 6037

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

60-Nd-146

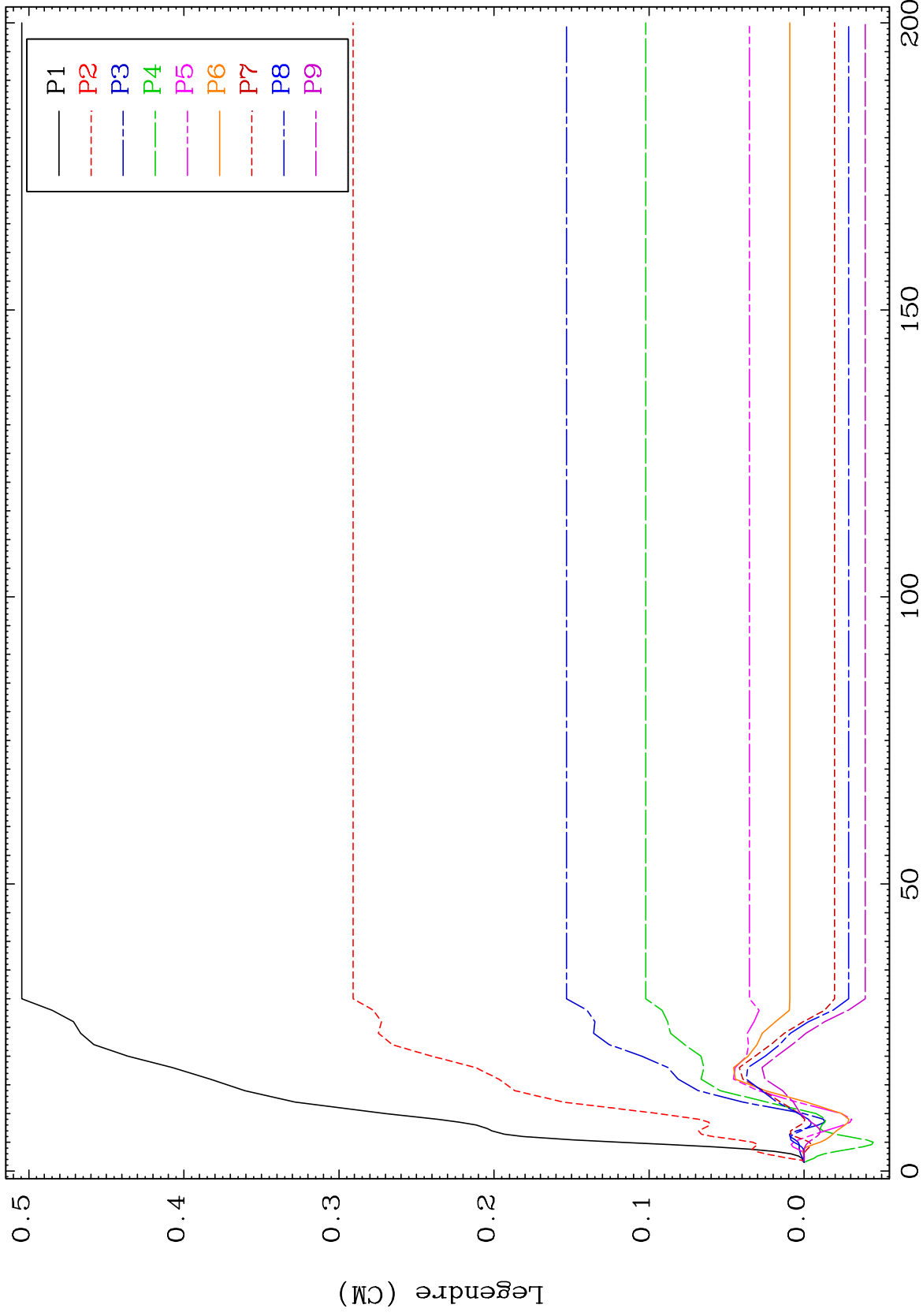




MAT 6037

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

60-Nd-146



60-Nd-146

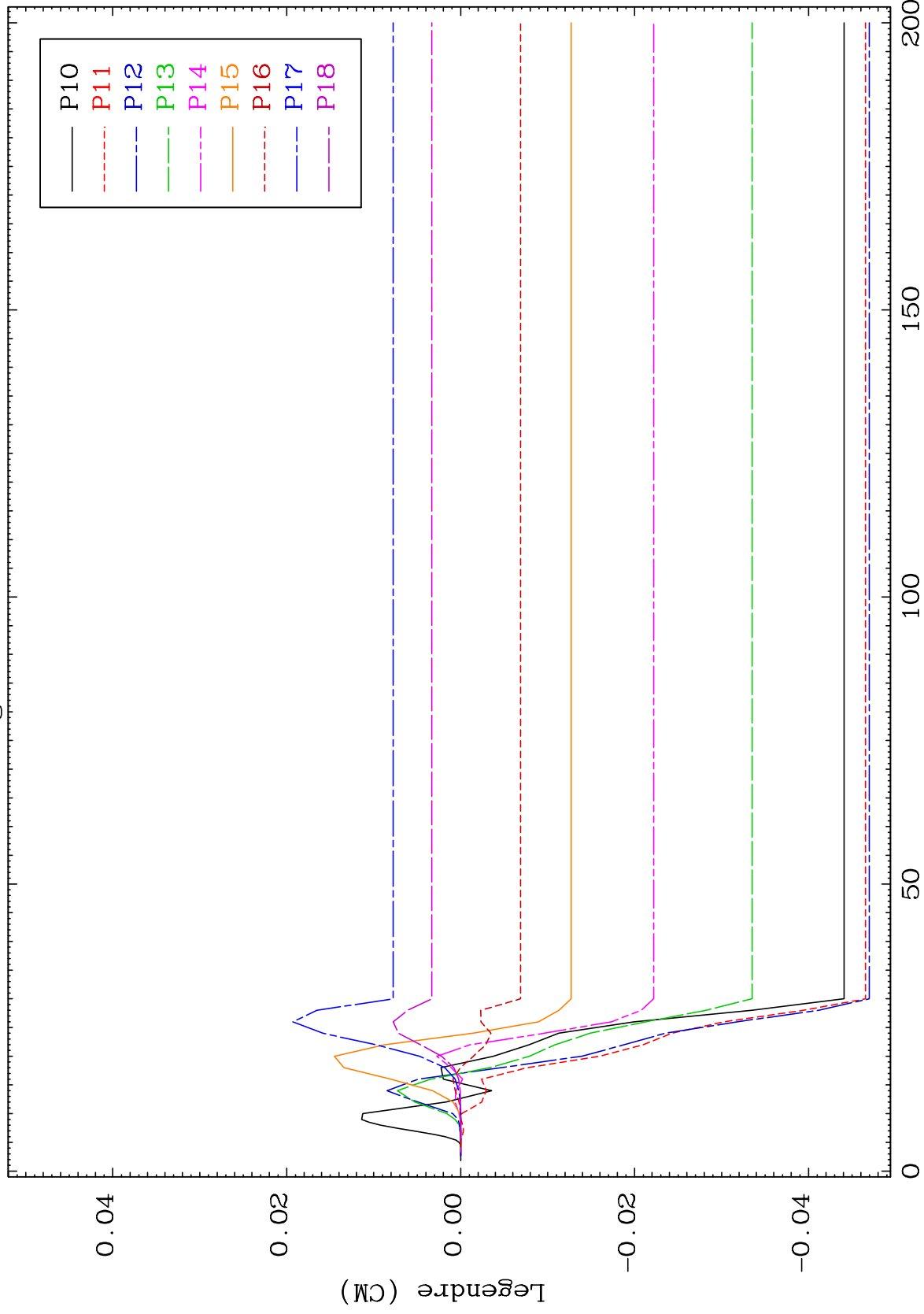
Incident Energy (MeV)

43

MAT 6037

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

60-Nd-146



44

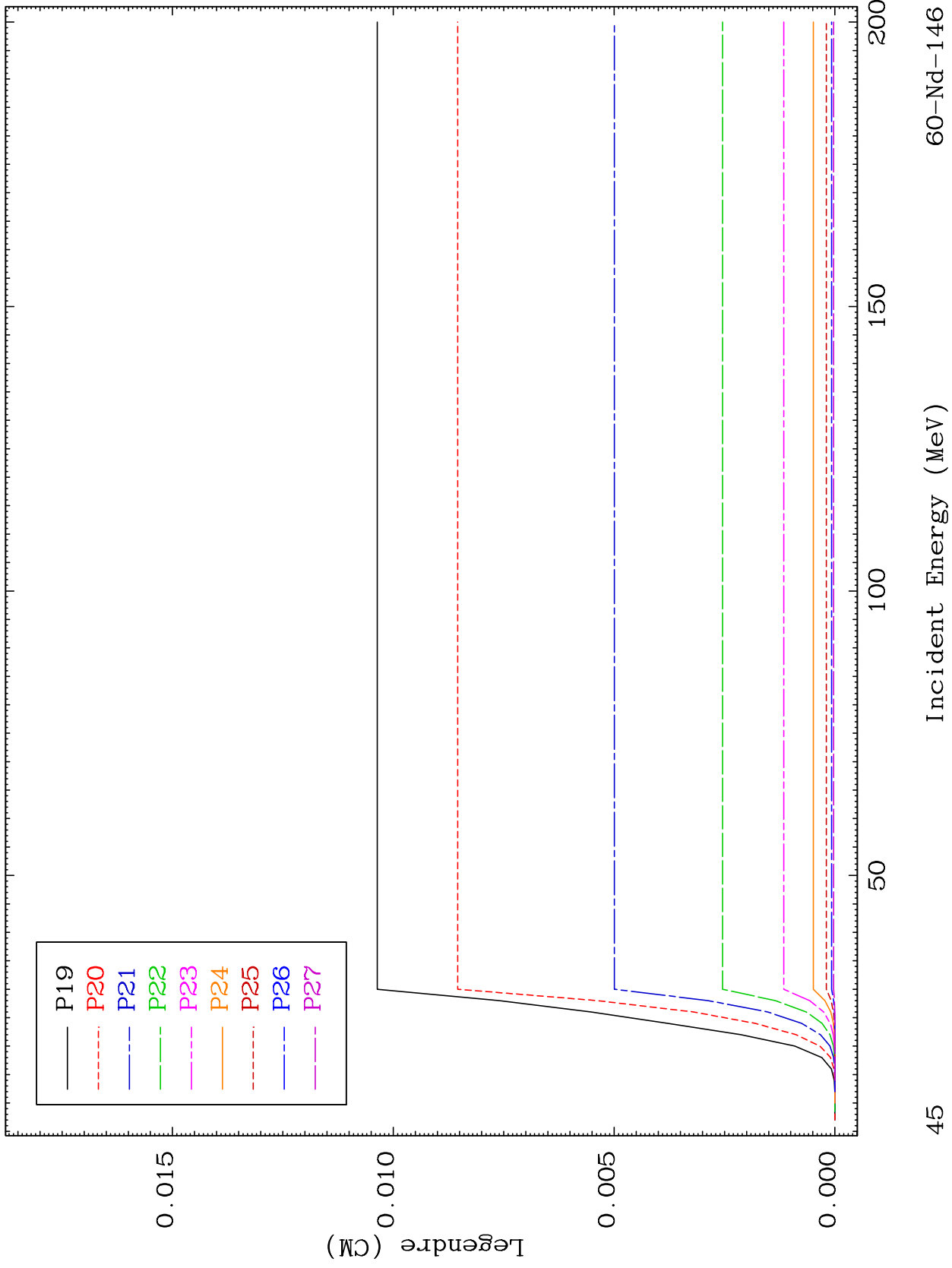
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



45

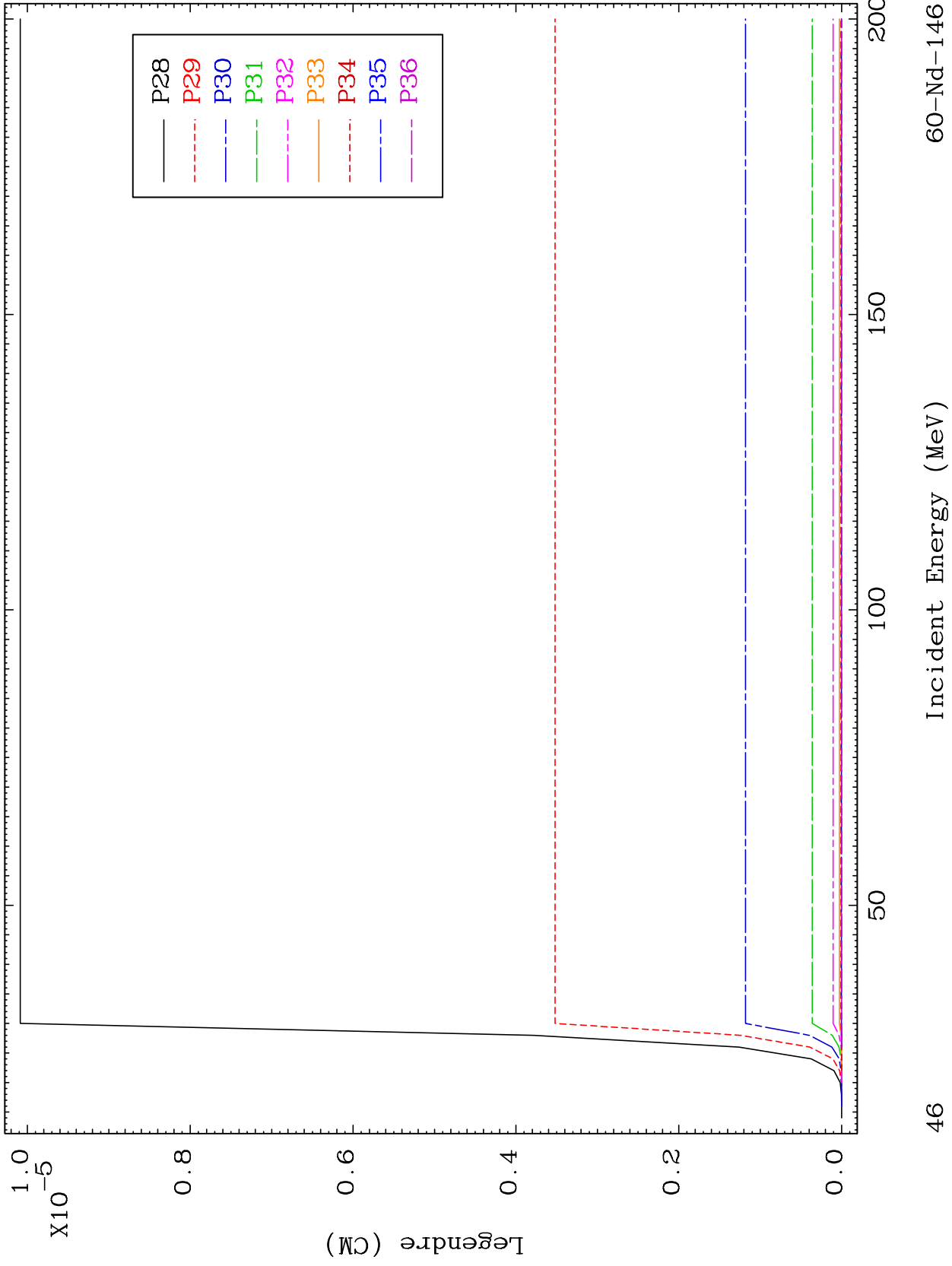
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



46

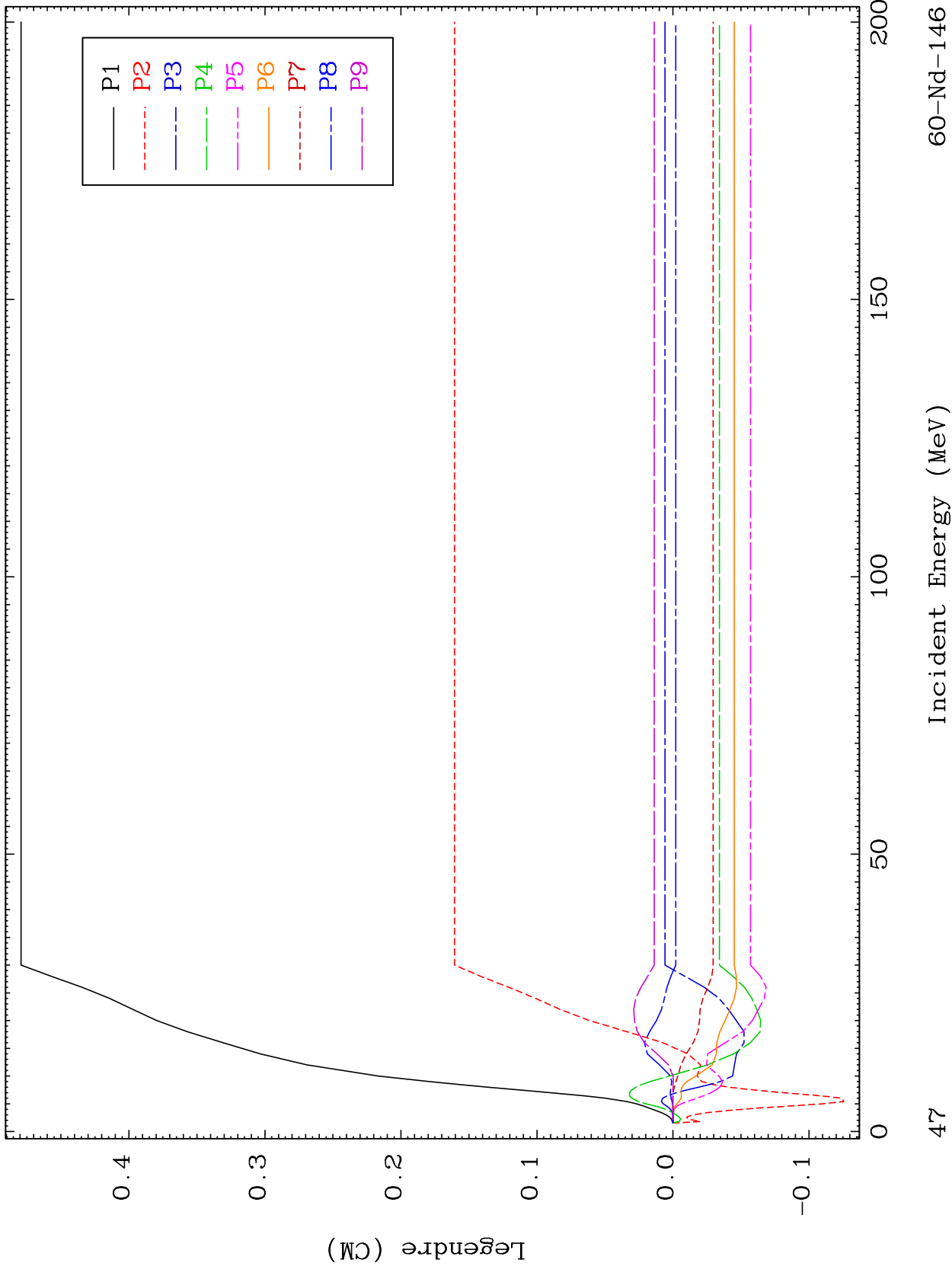
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

Incident Energy (MeV)

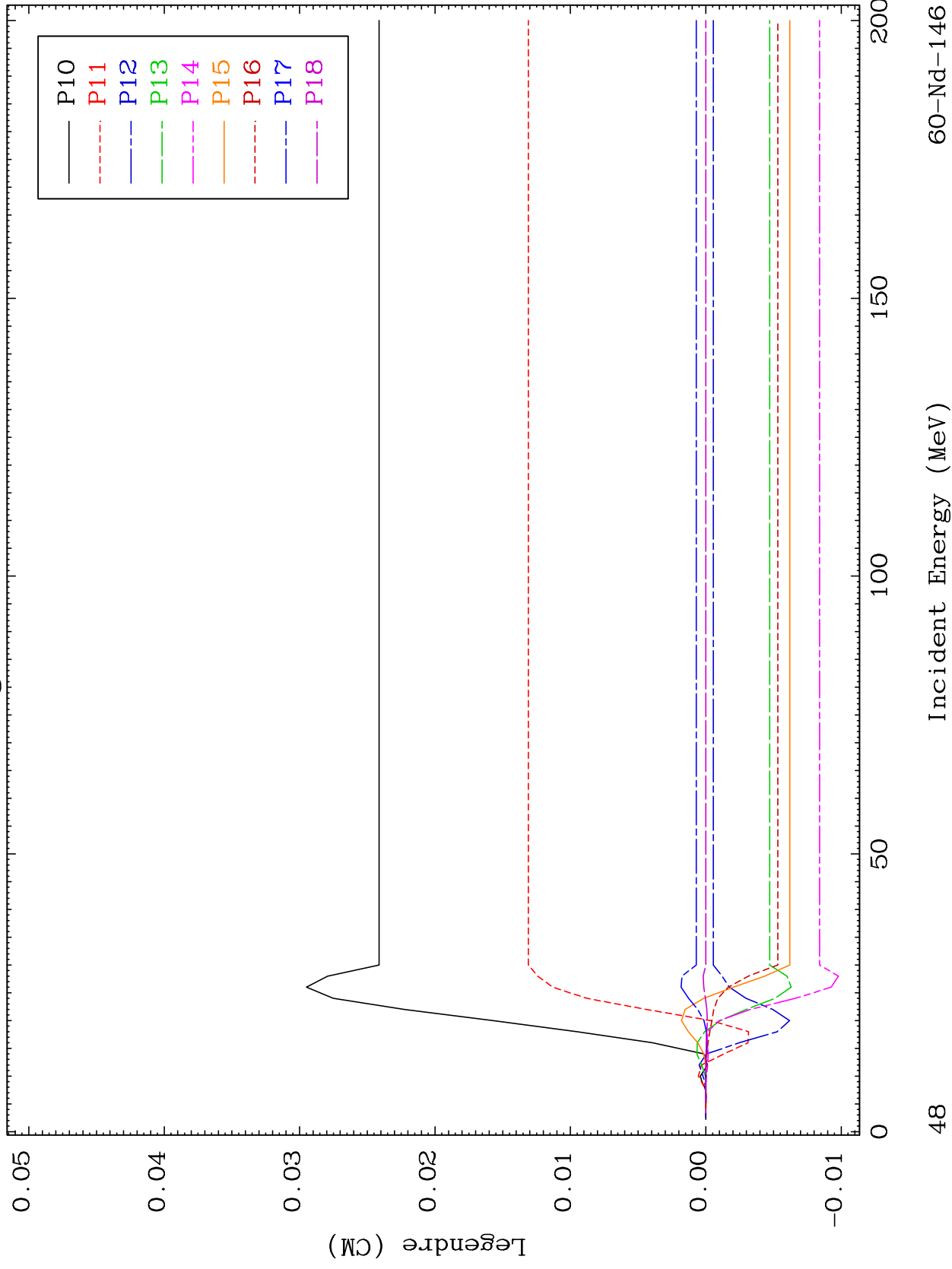
47



MAT 6037

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

60-Nd-146



60-Nd-146

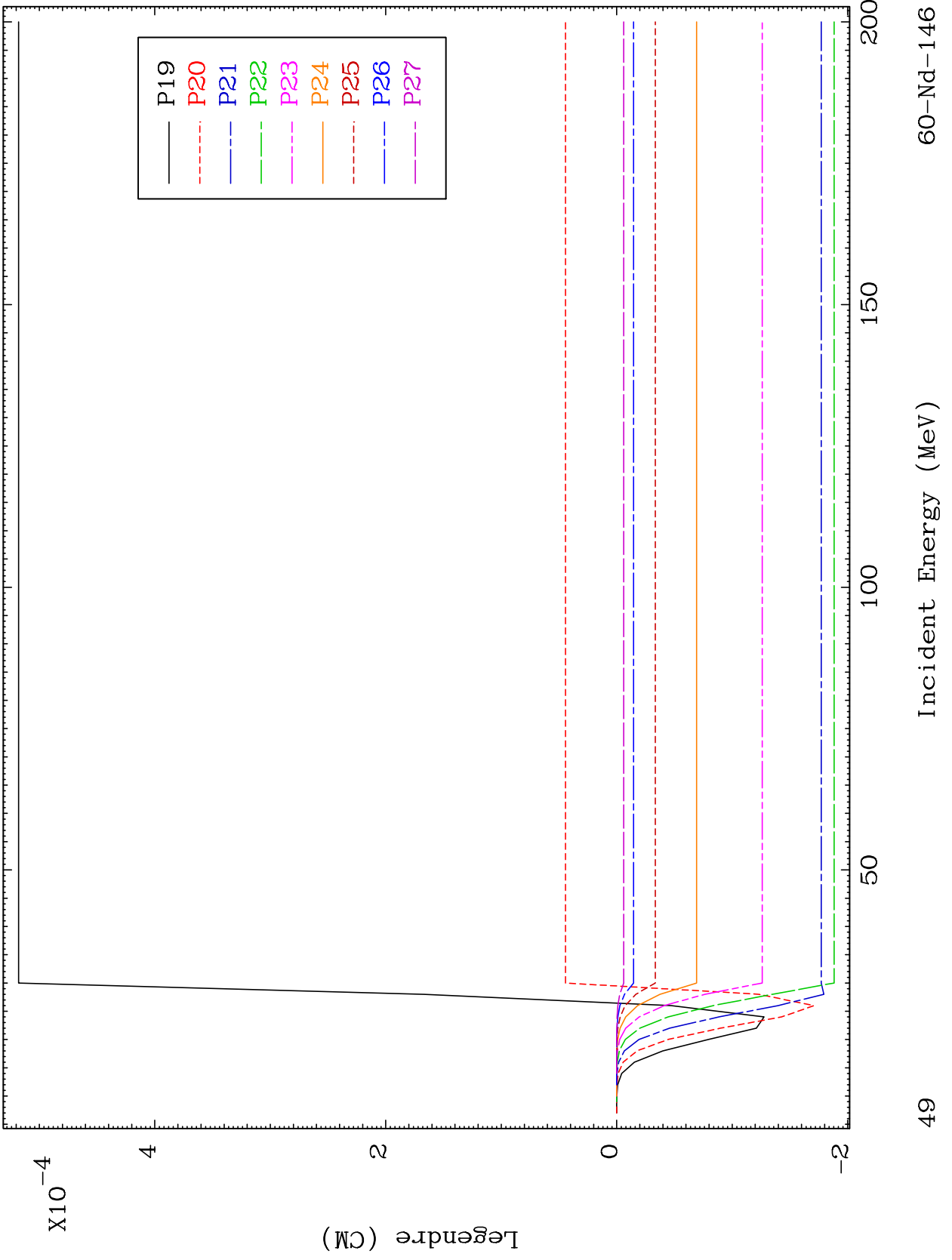
Incident Energy (MeV)

48

MAT 6037

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

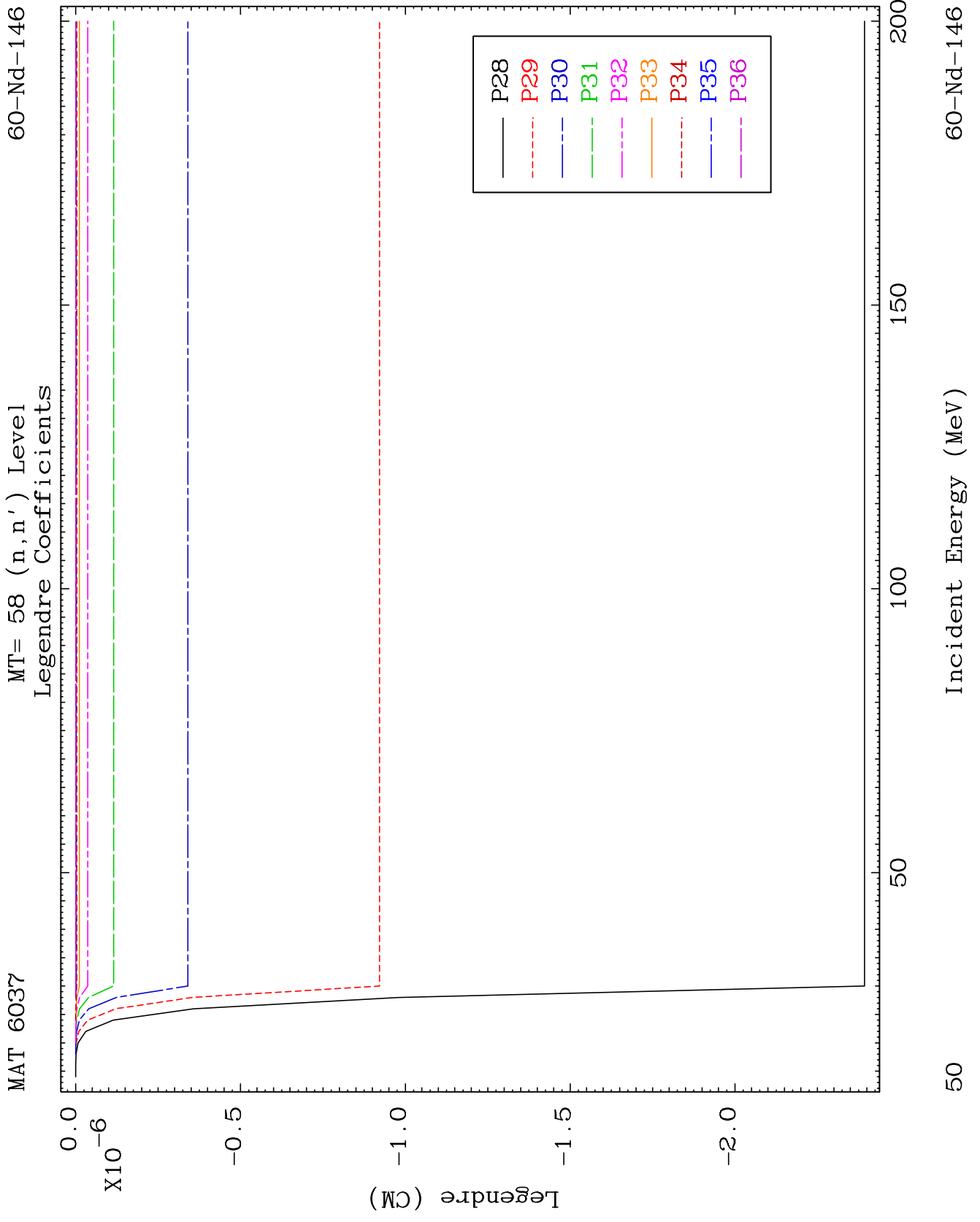
60-Nd-146

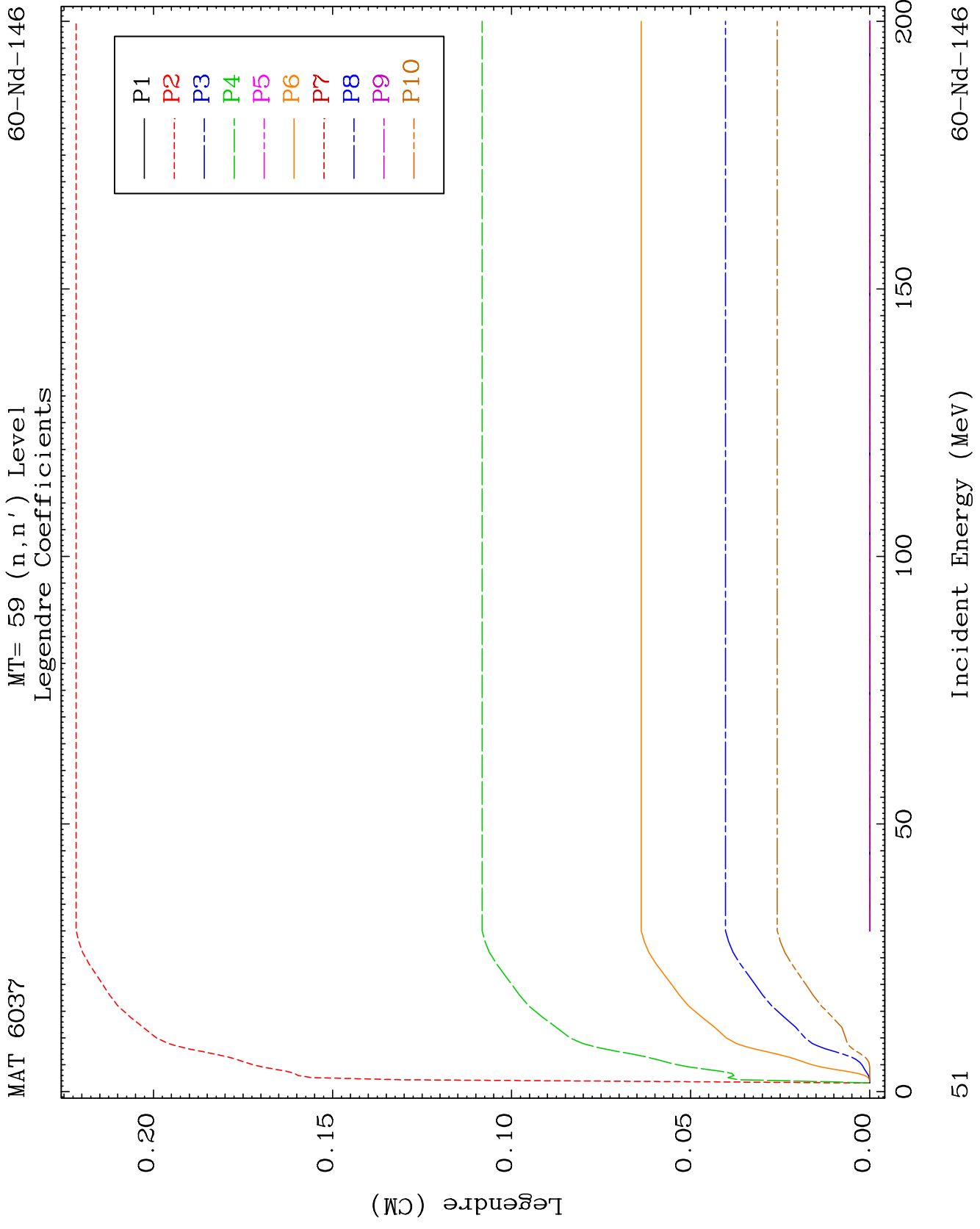


49

Incident Energy (MeV)

60-Nd-146

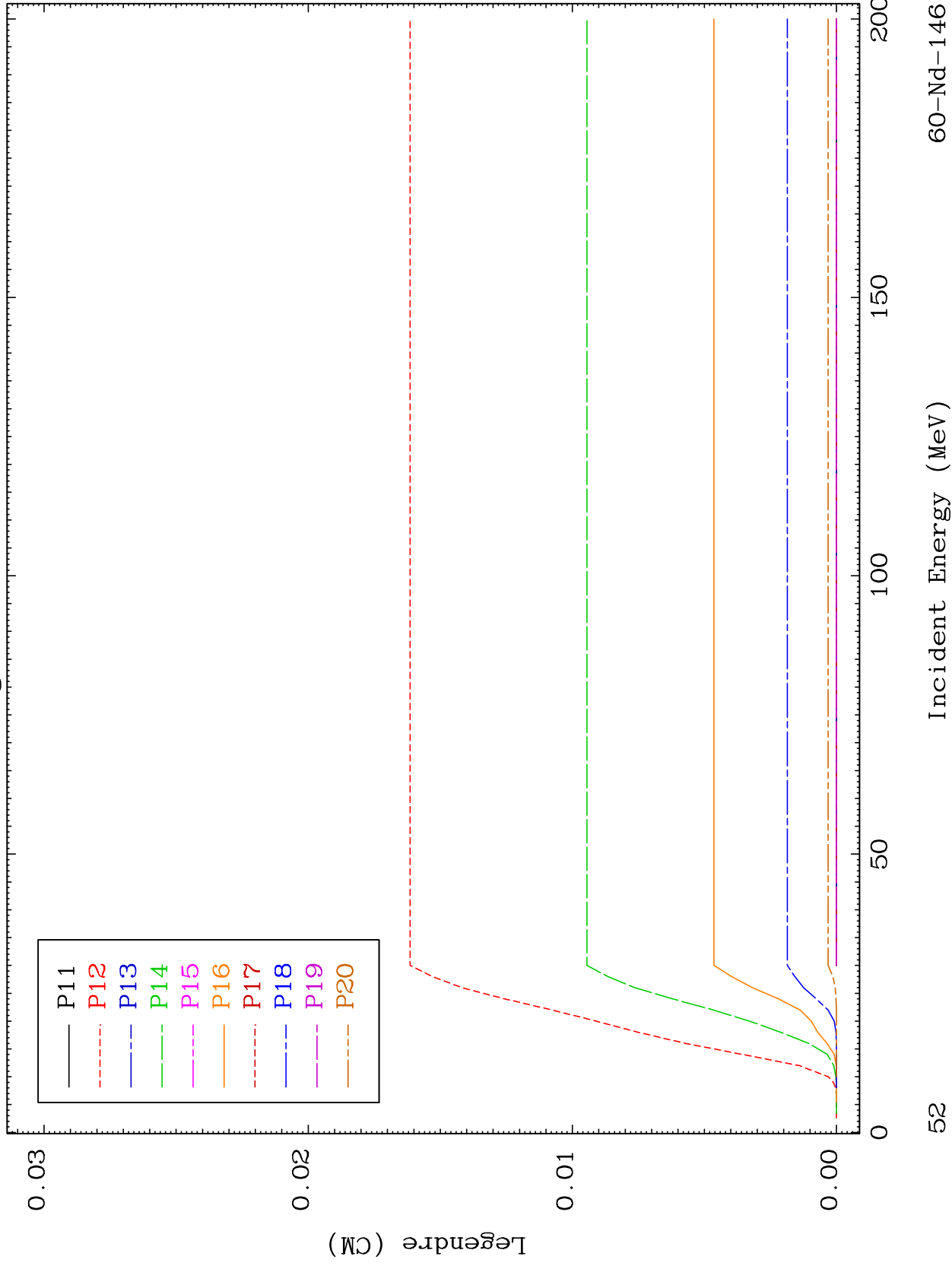




MAT 6037

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

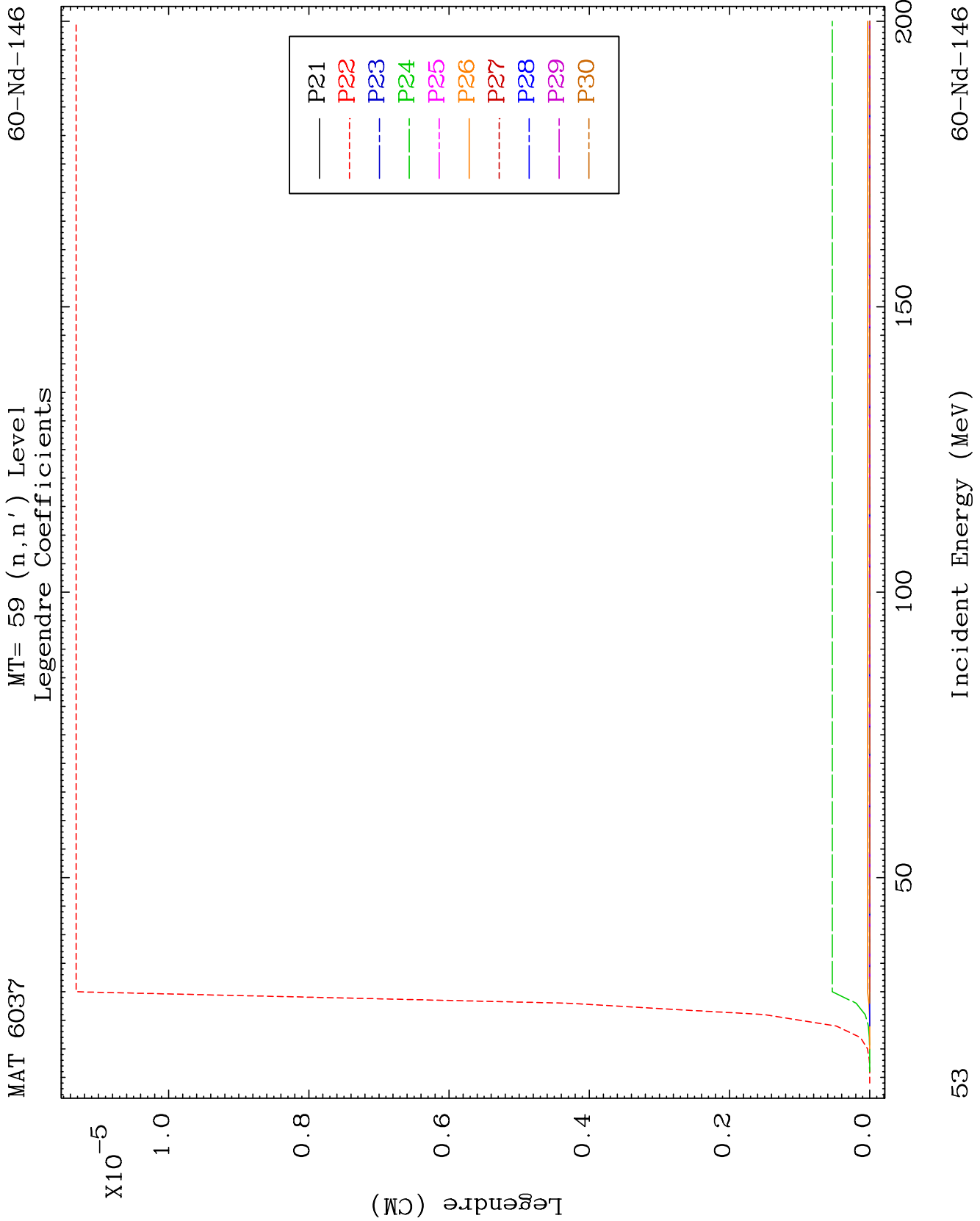
60-Nd-146

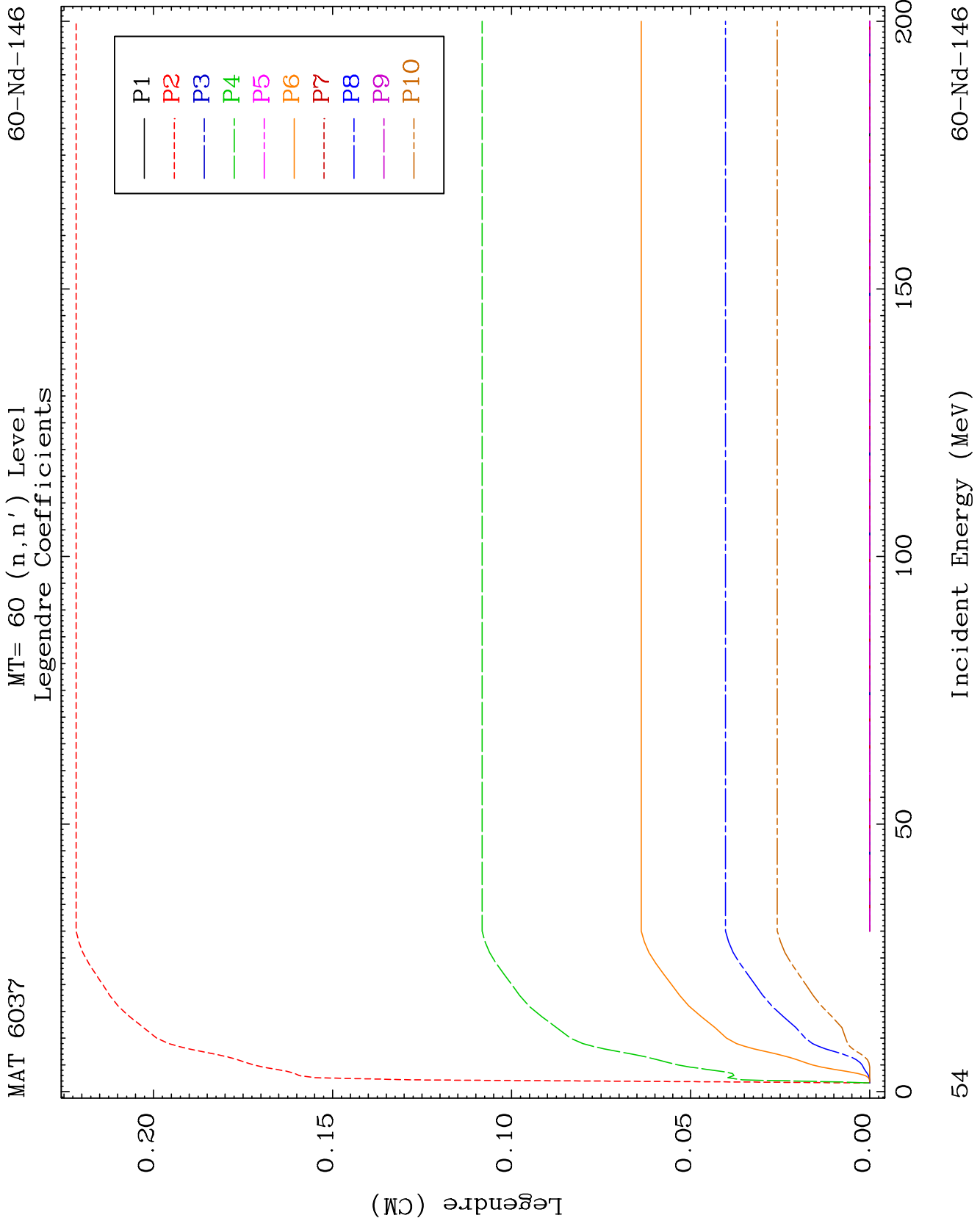


60-Nd-146

Incident Energy (MeV)

52

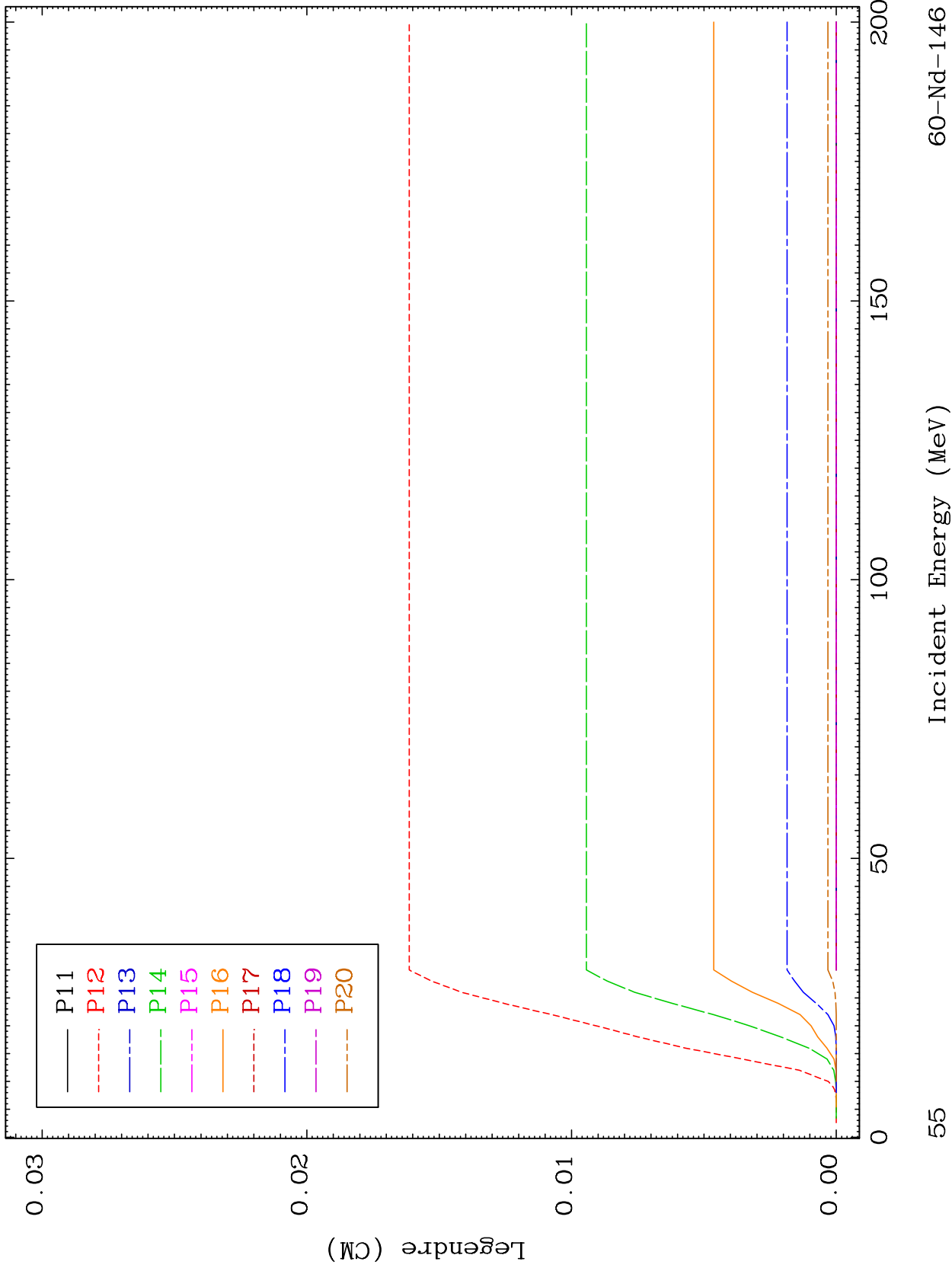




MAT 6037

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

60-Nd-146

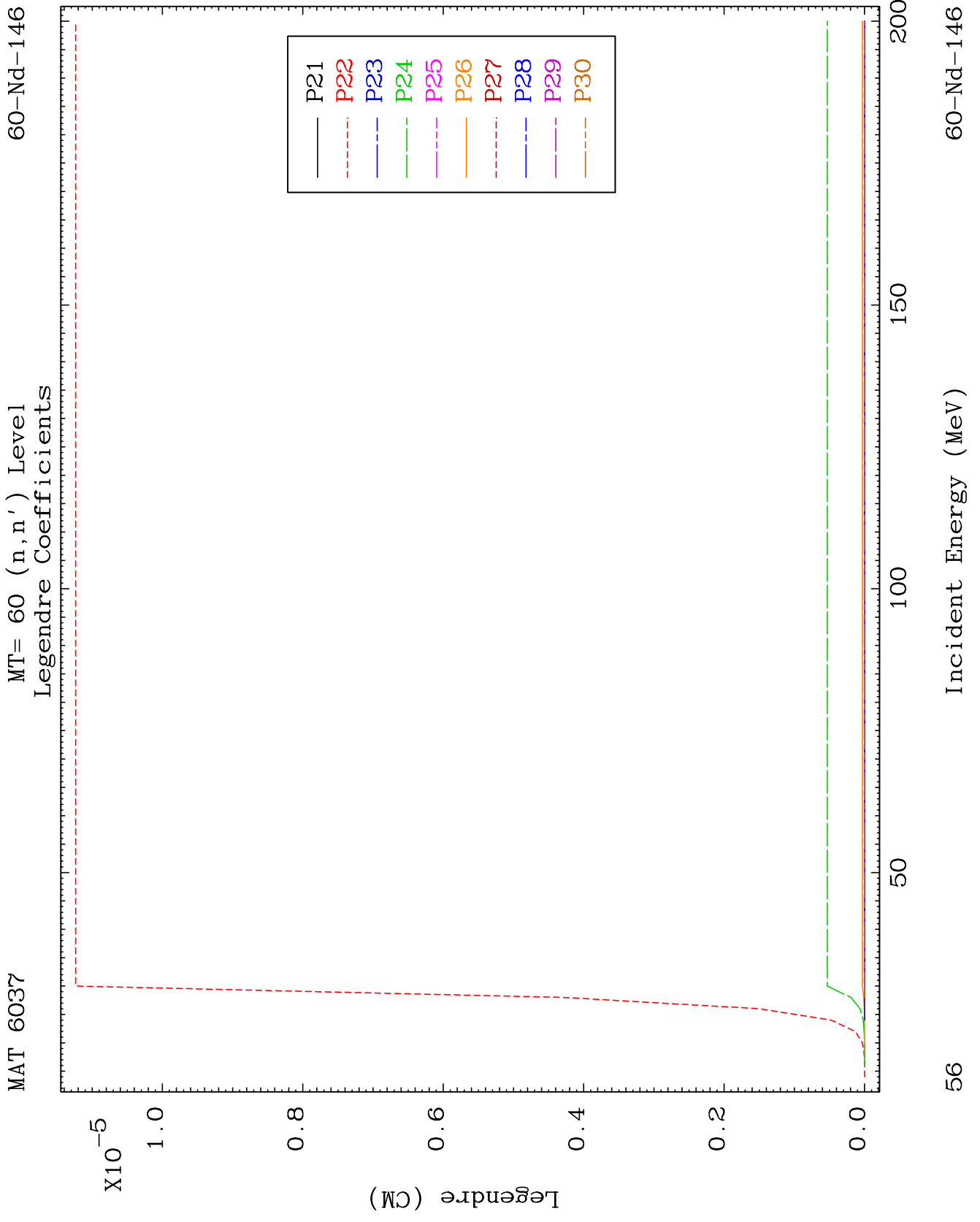


60-Nd-146

Incident Energy (MeV)

55

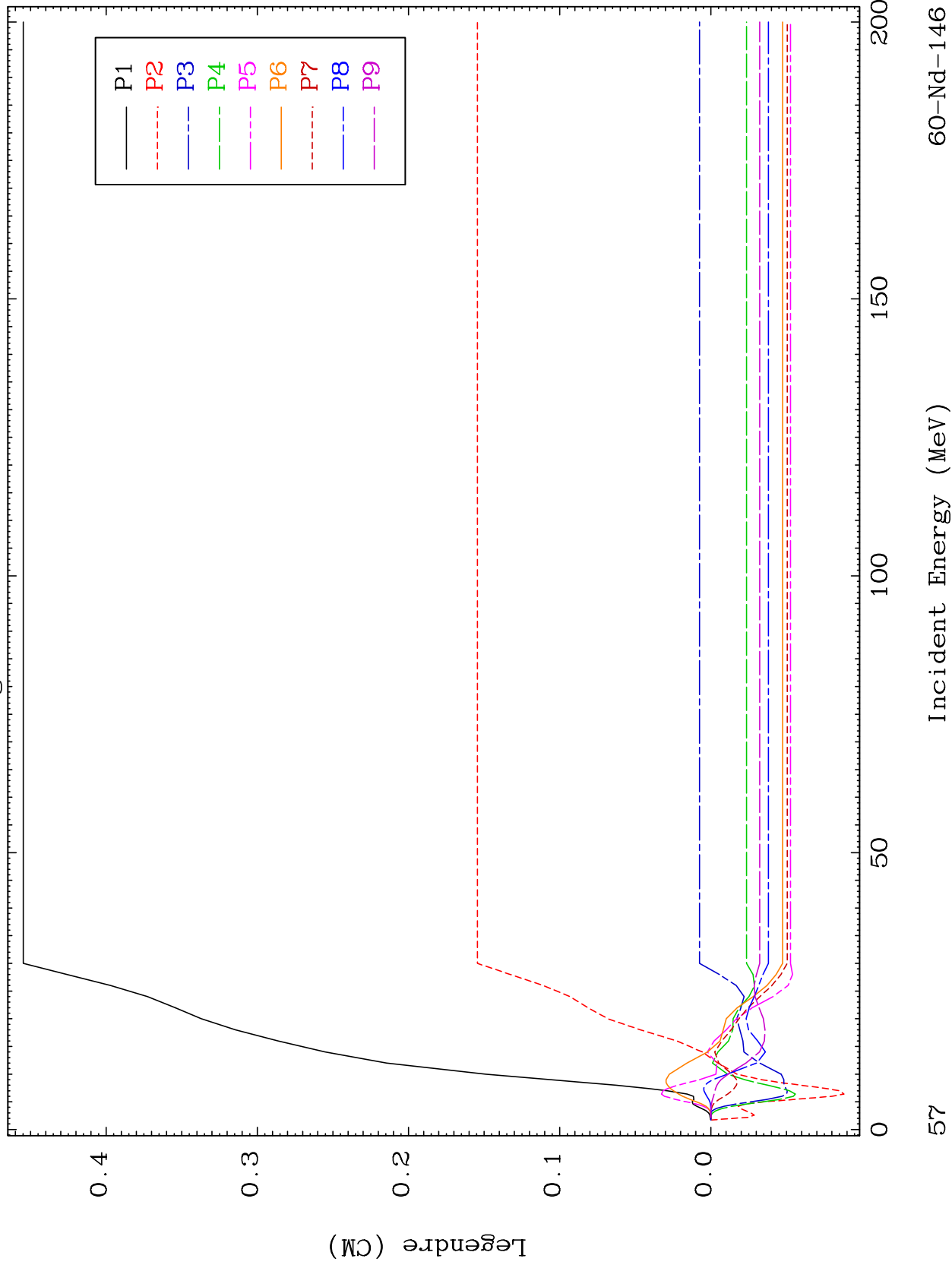




MAT 6037

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

60-Nd-146



60-Nd-146

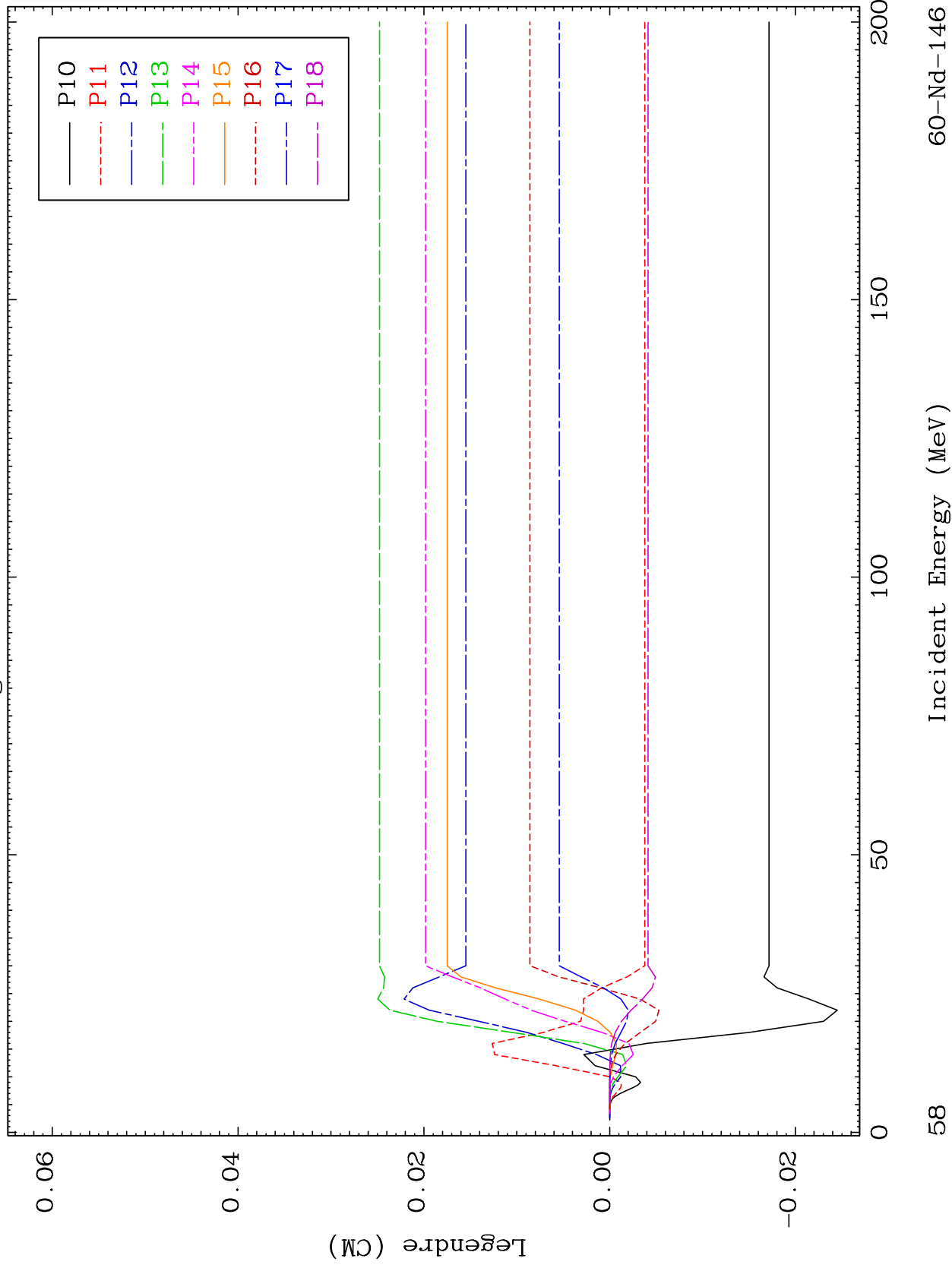
Incident Energy (MeV)

57

MAT 6037

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

60-Nd-146



60-Nd-146

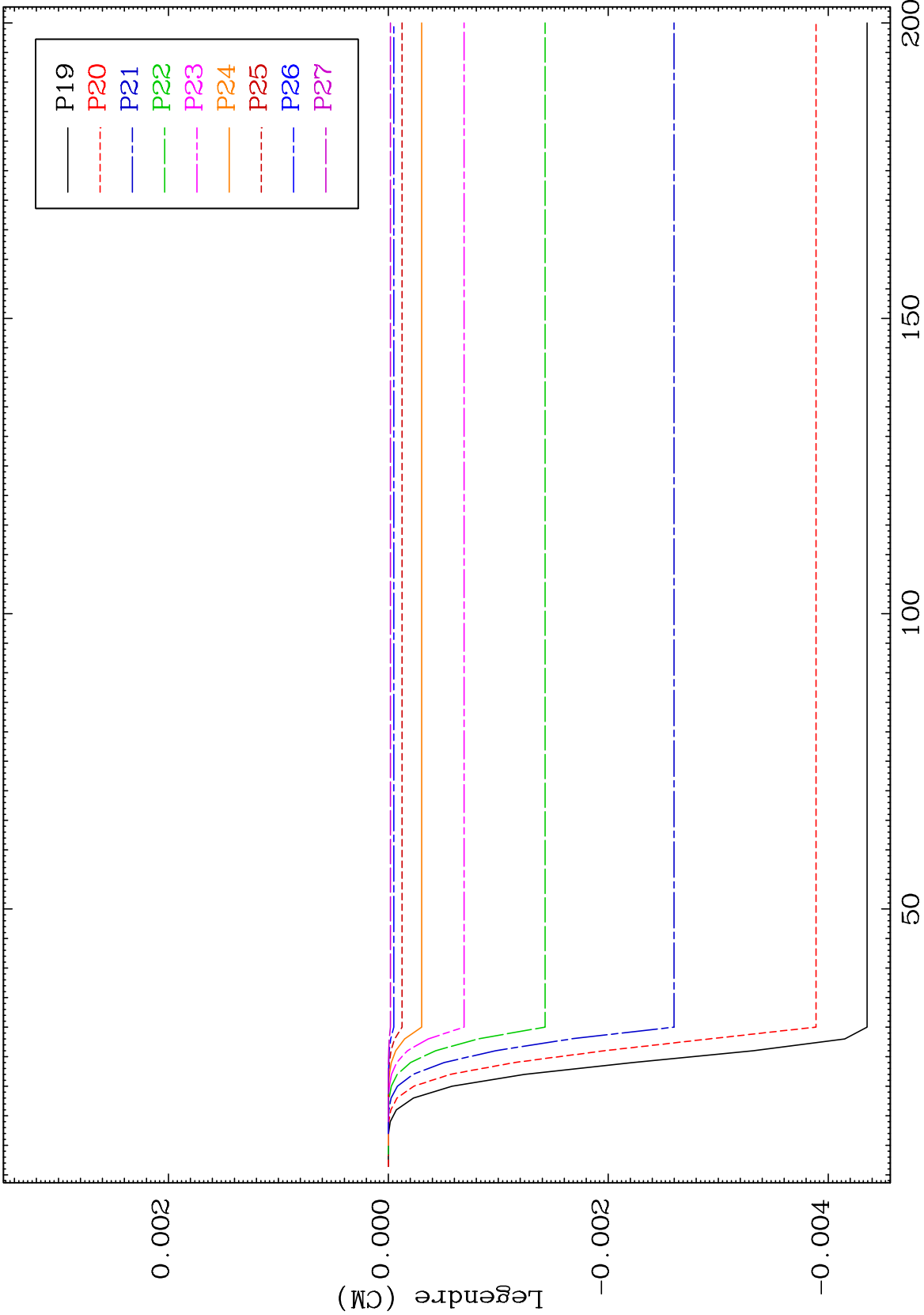
Incident Energy (MeV)

58

MAT 6037

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

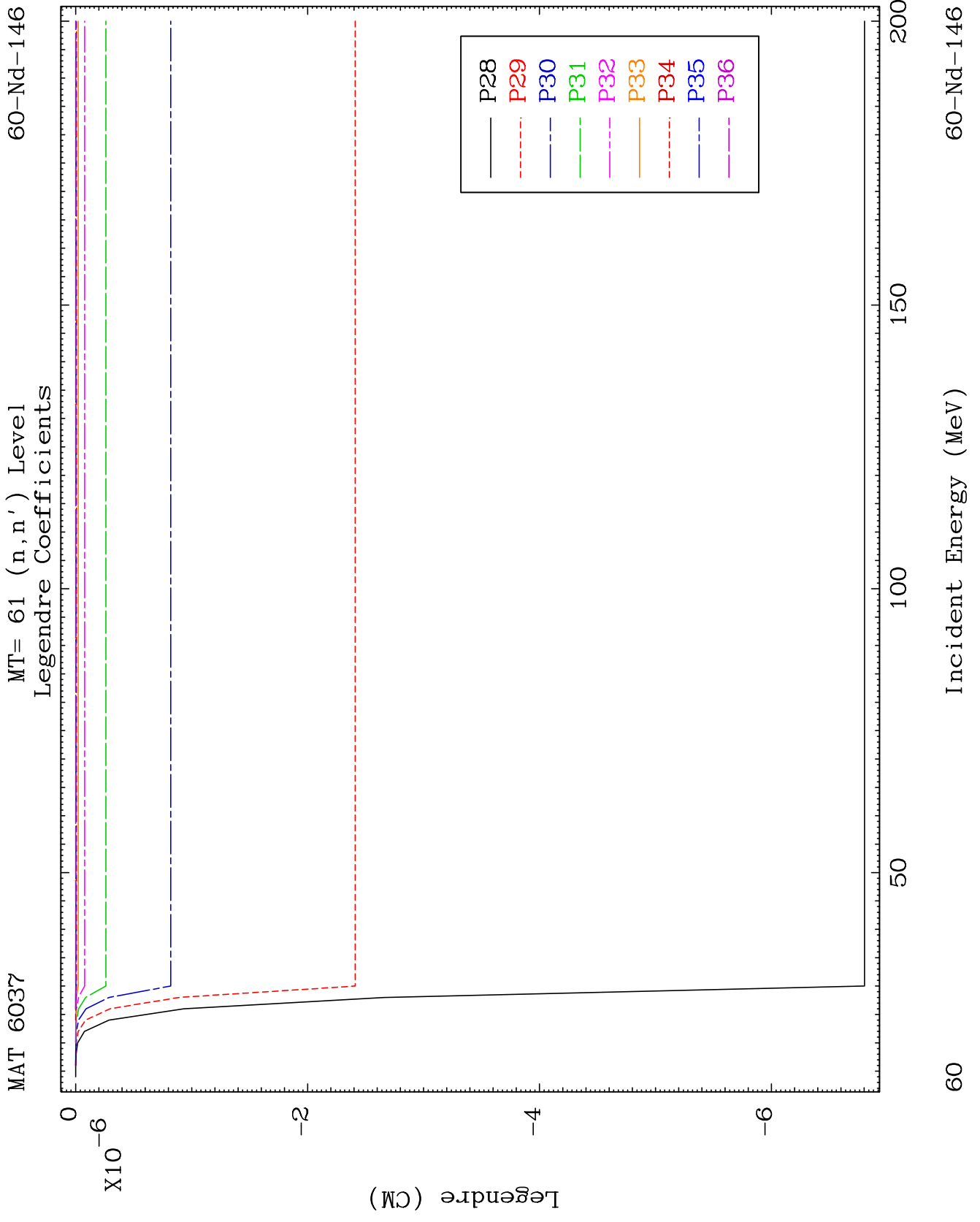
60-Nd-146

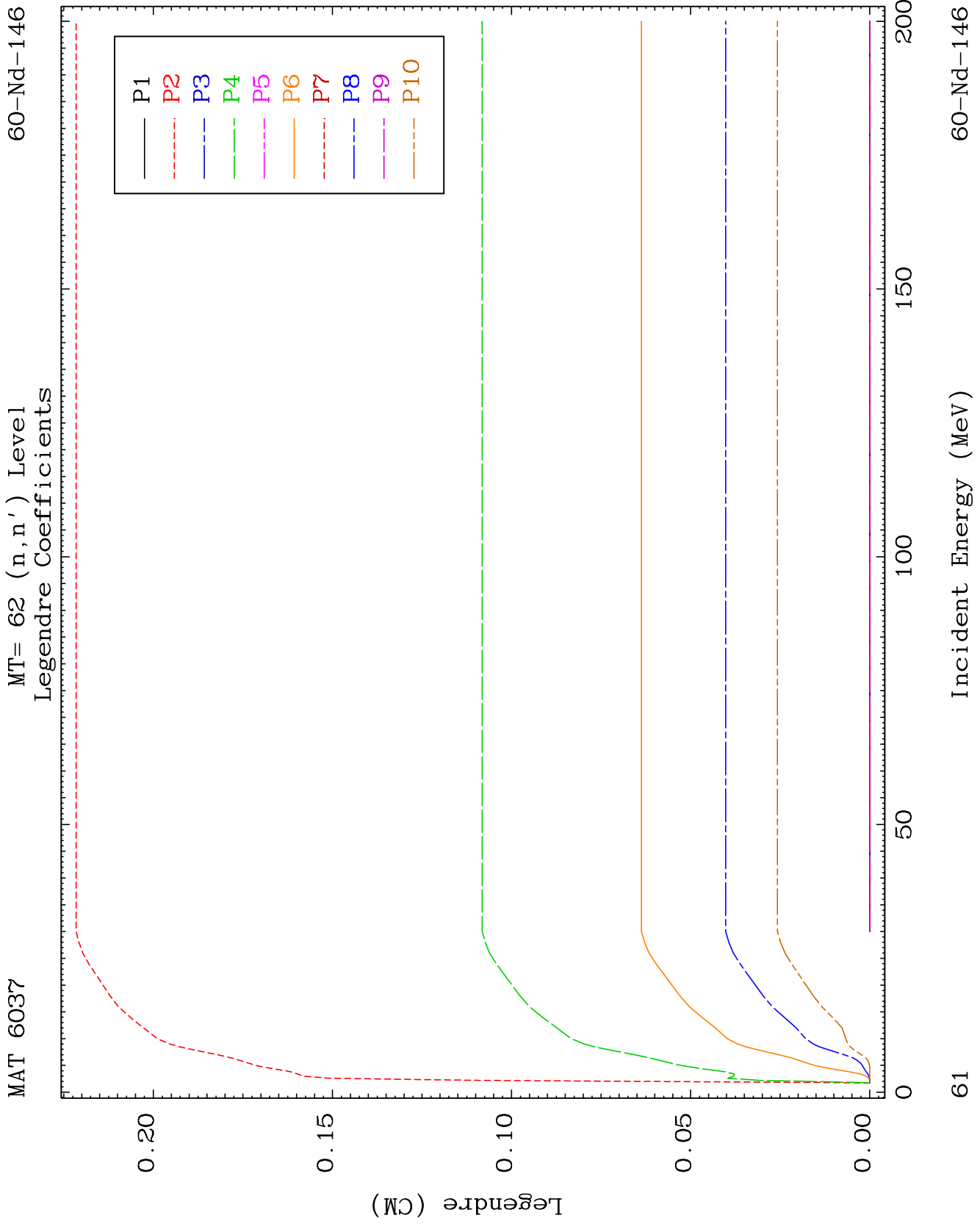


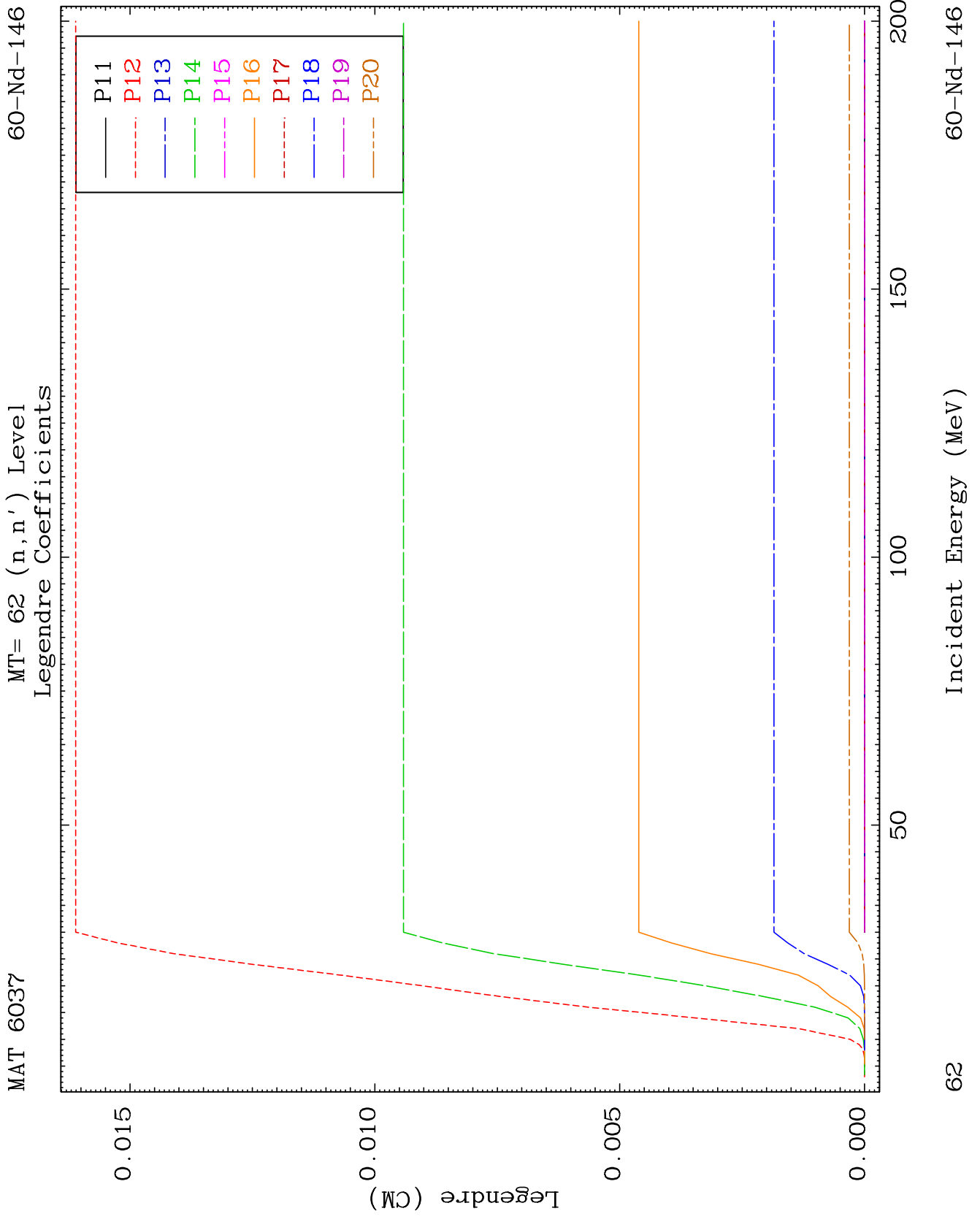
59

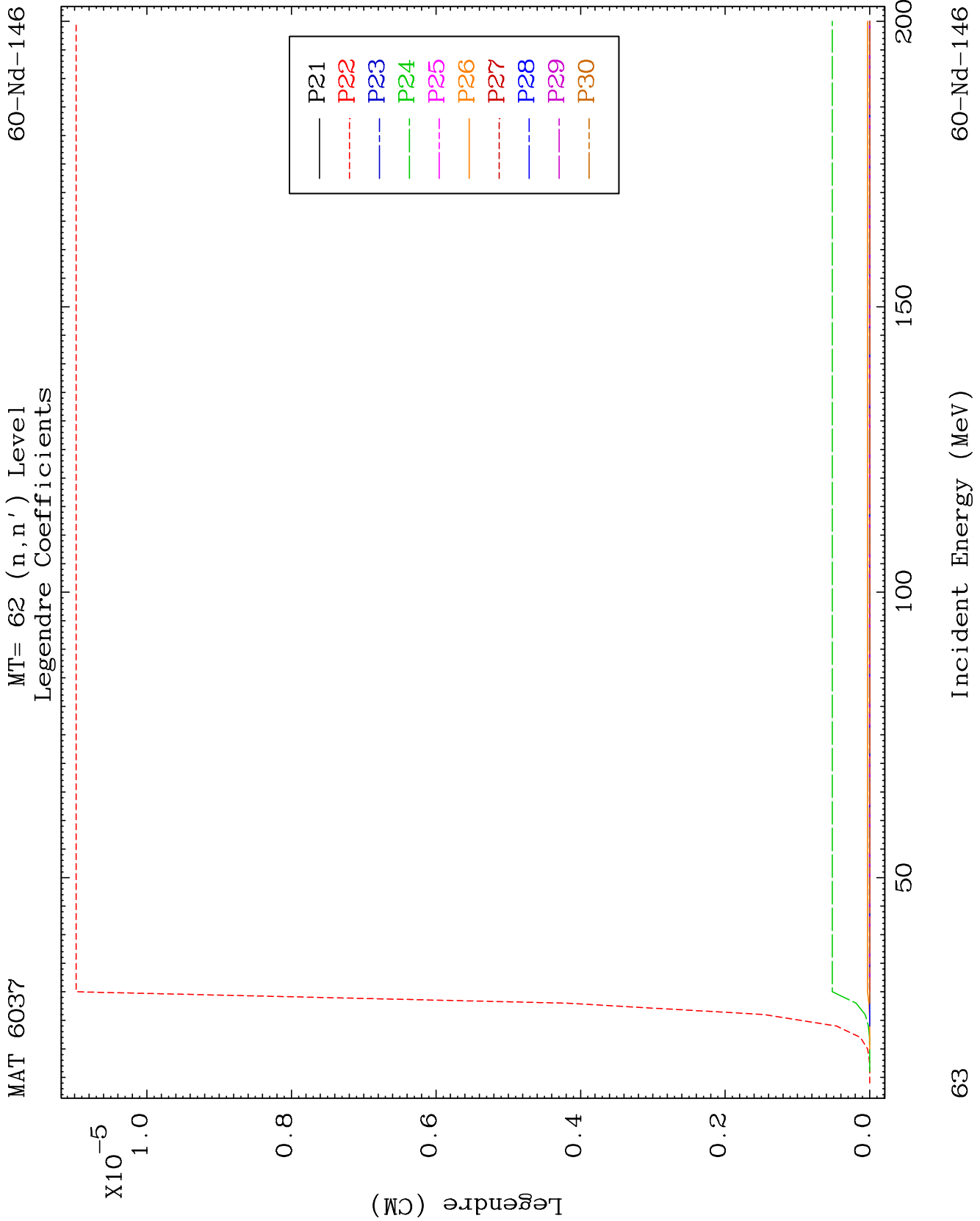
Incident Energy (MeV)

60-Nd-146







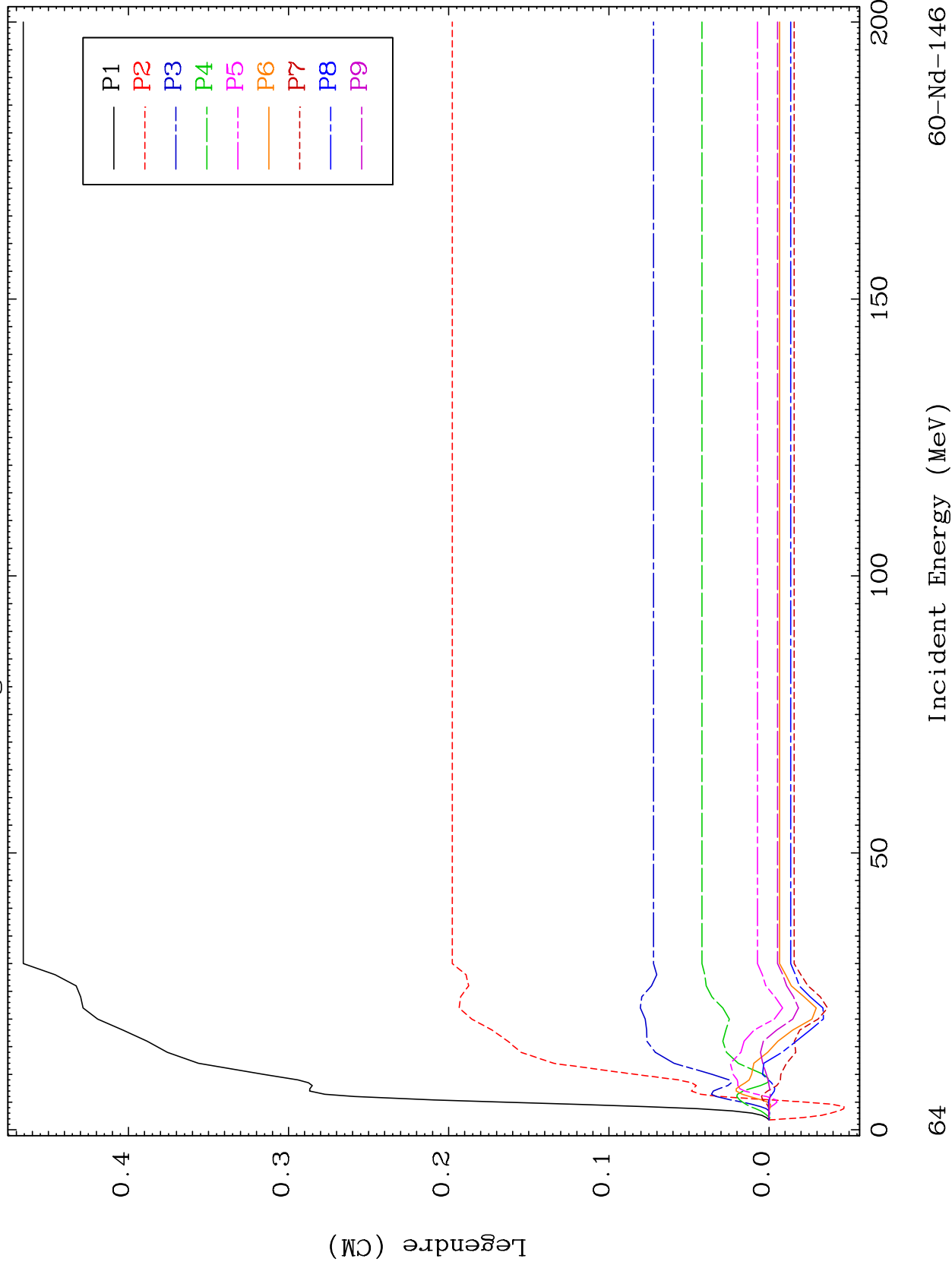




MAT 6037

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

60-Nd-146



60-Nd-146

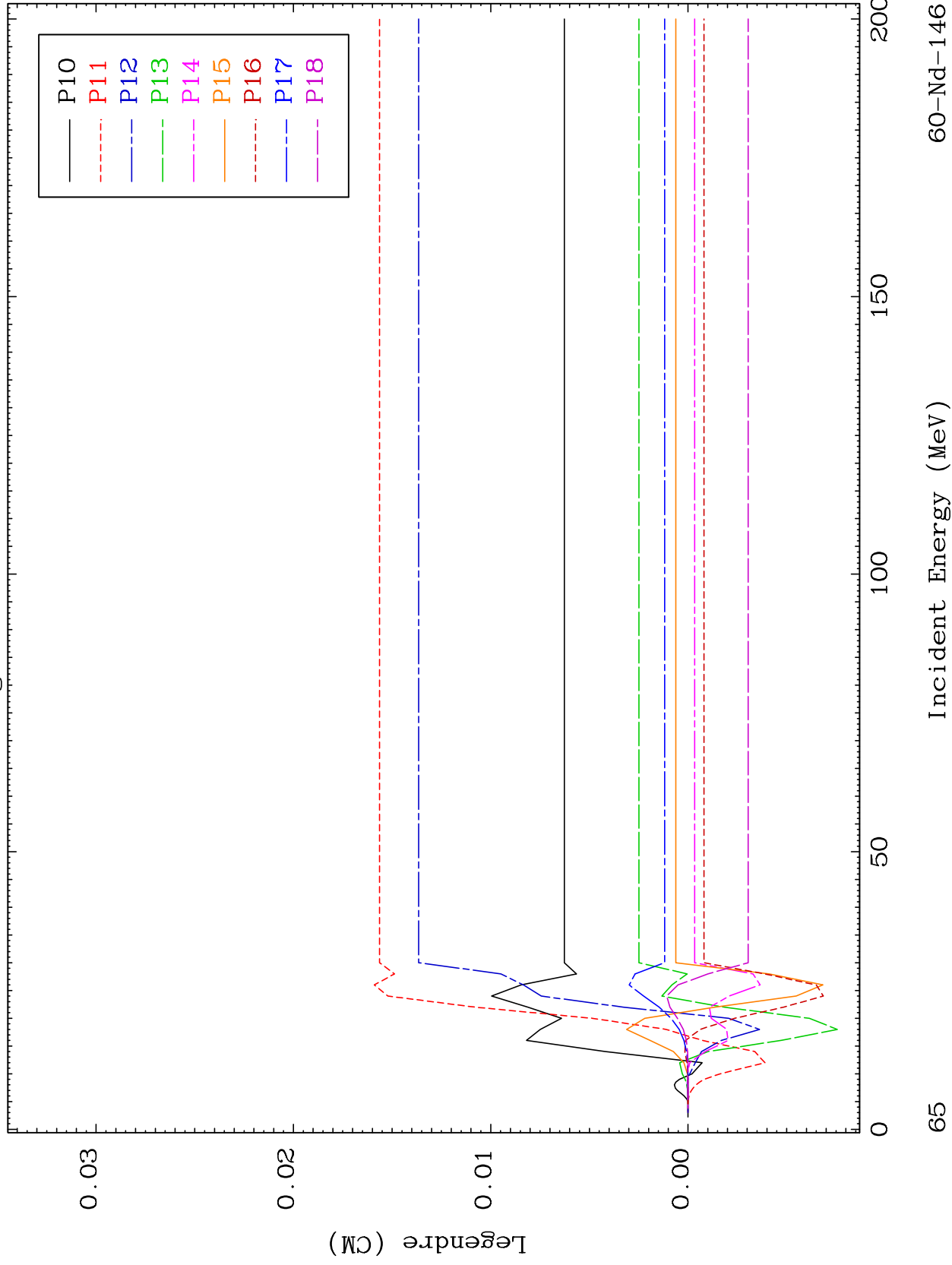
Incident Energy (MeV)

64

MAT 6037

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

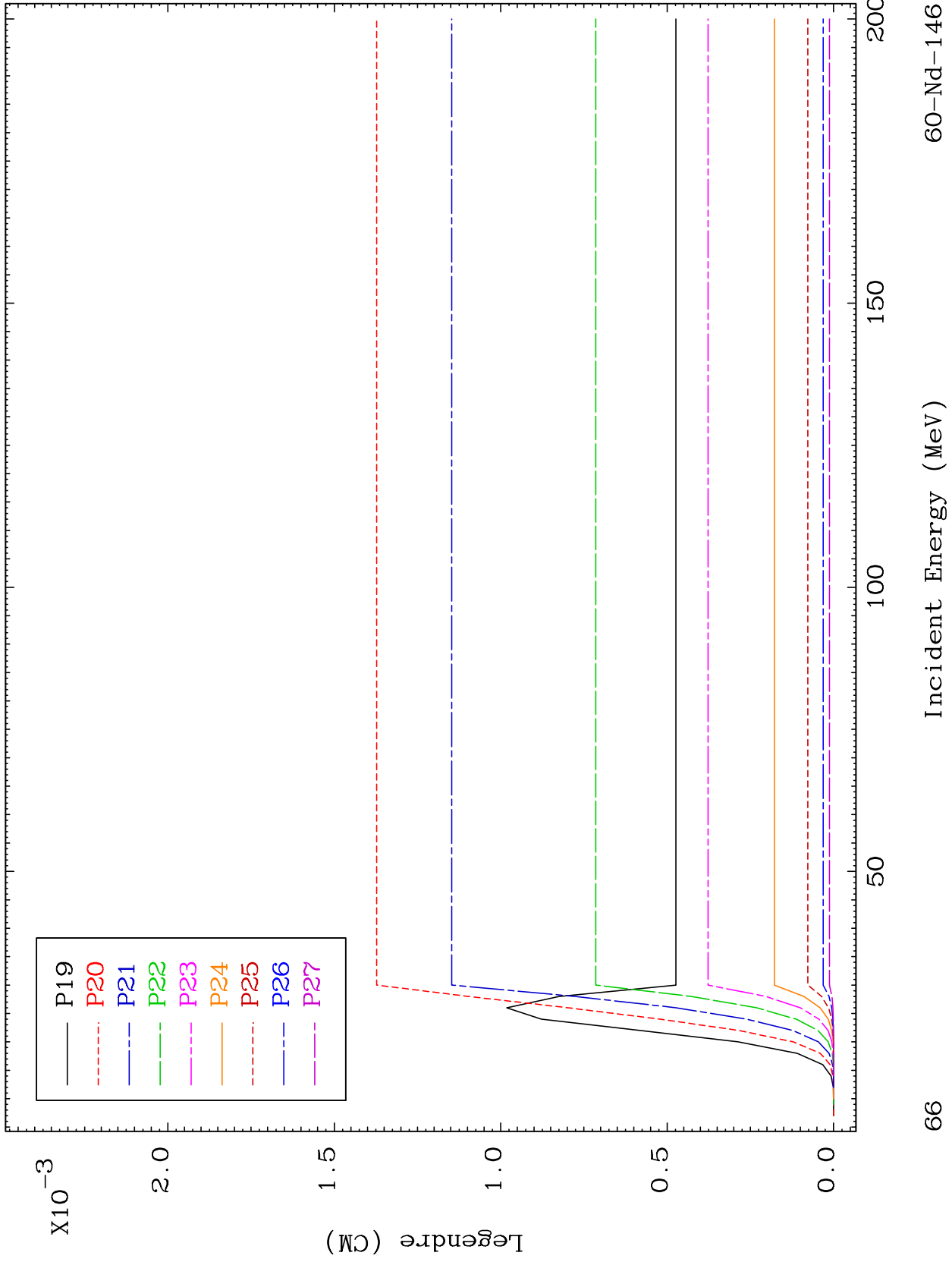
60-Nd-146



60-Nd-146

Incident Energy (MeV)

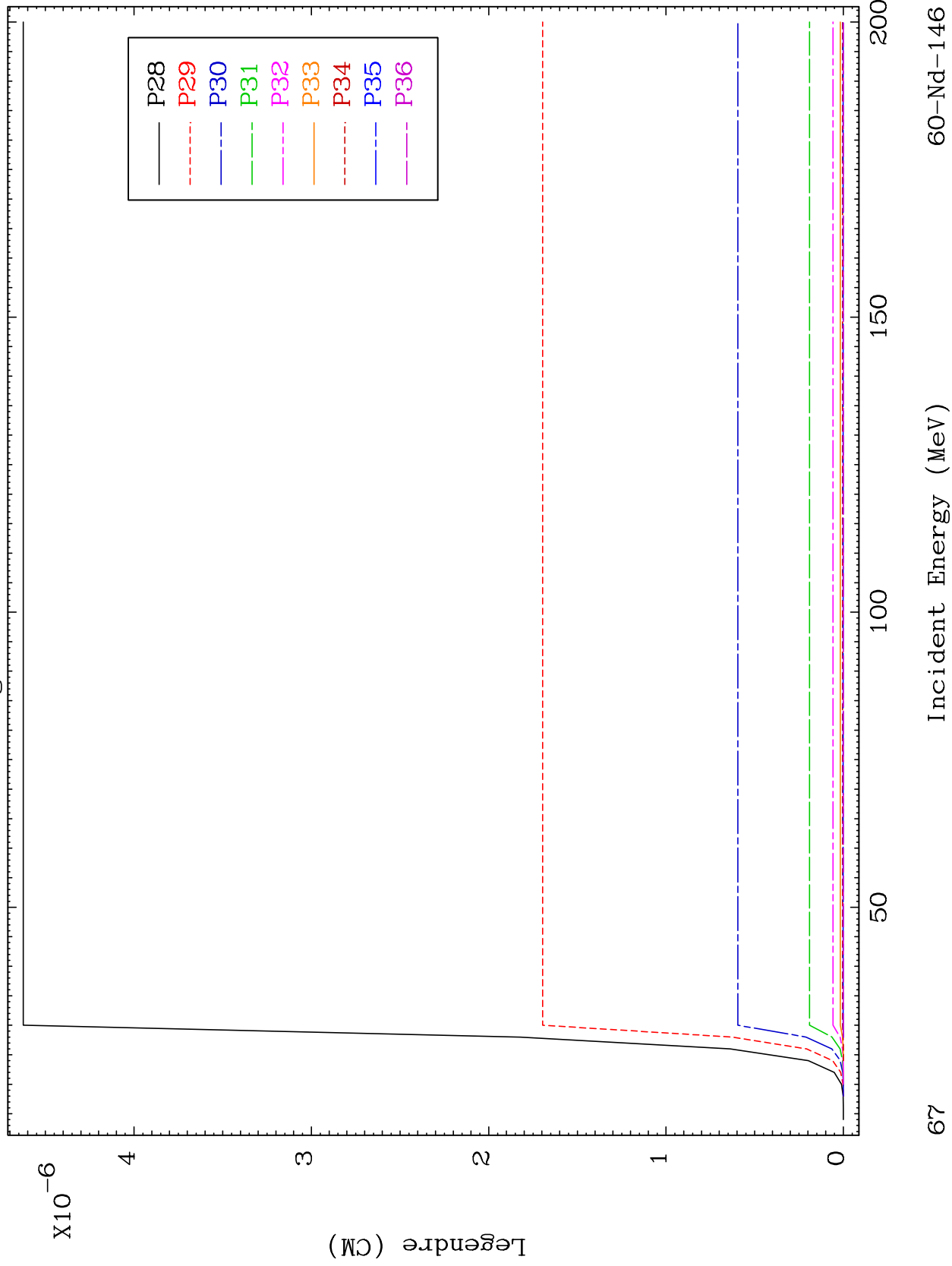
65



MAT 6037

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

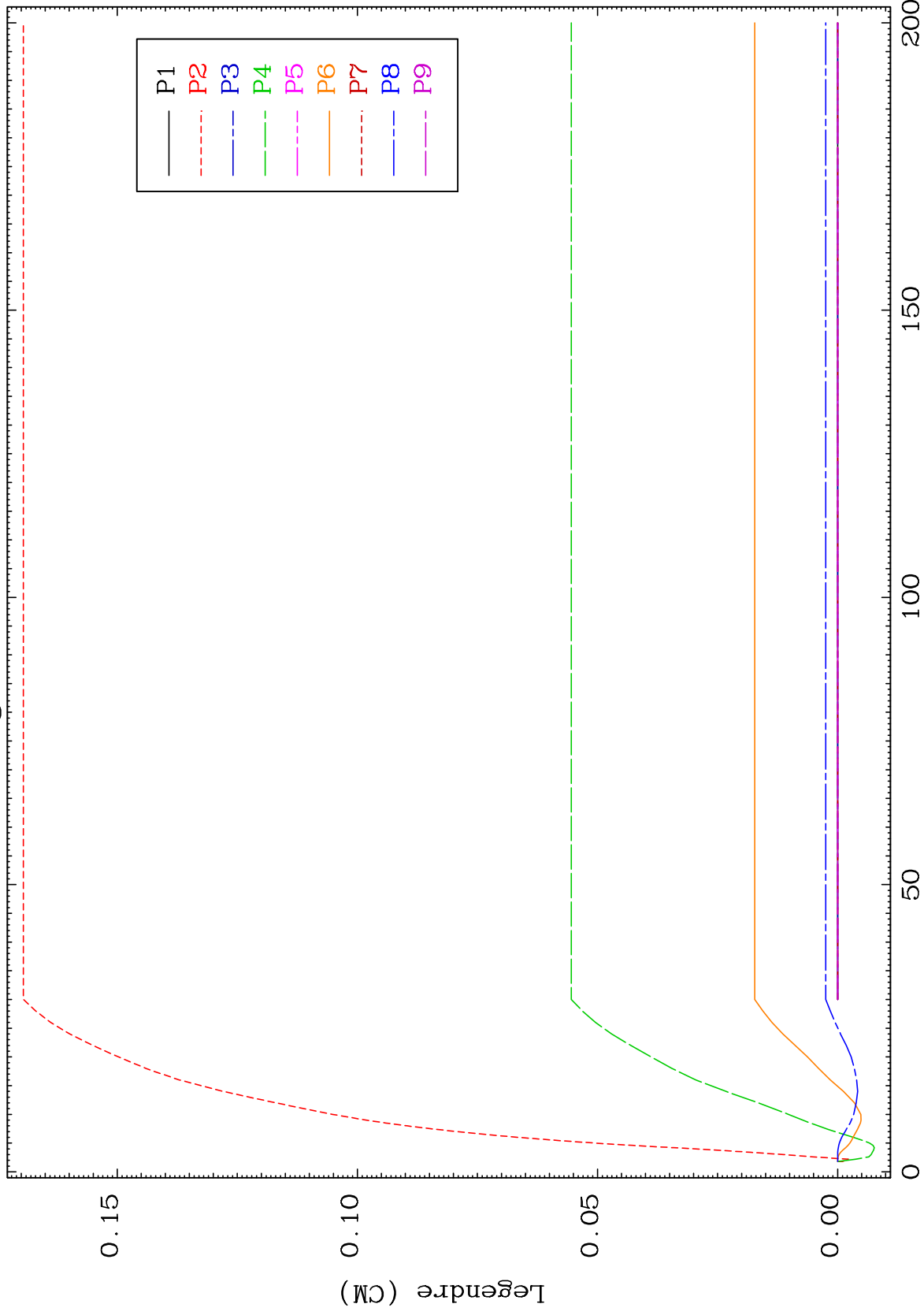
60-Nd-146



MAT 6037

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

60-Nd-146



68

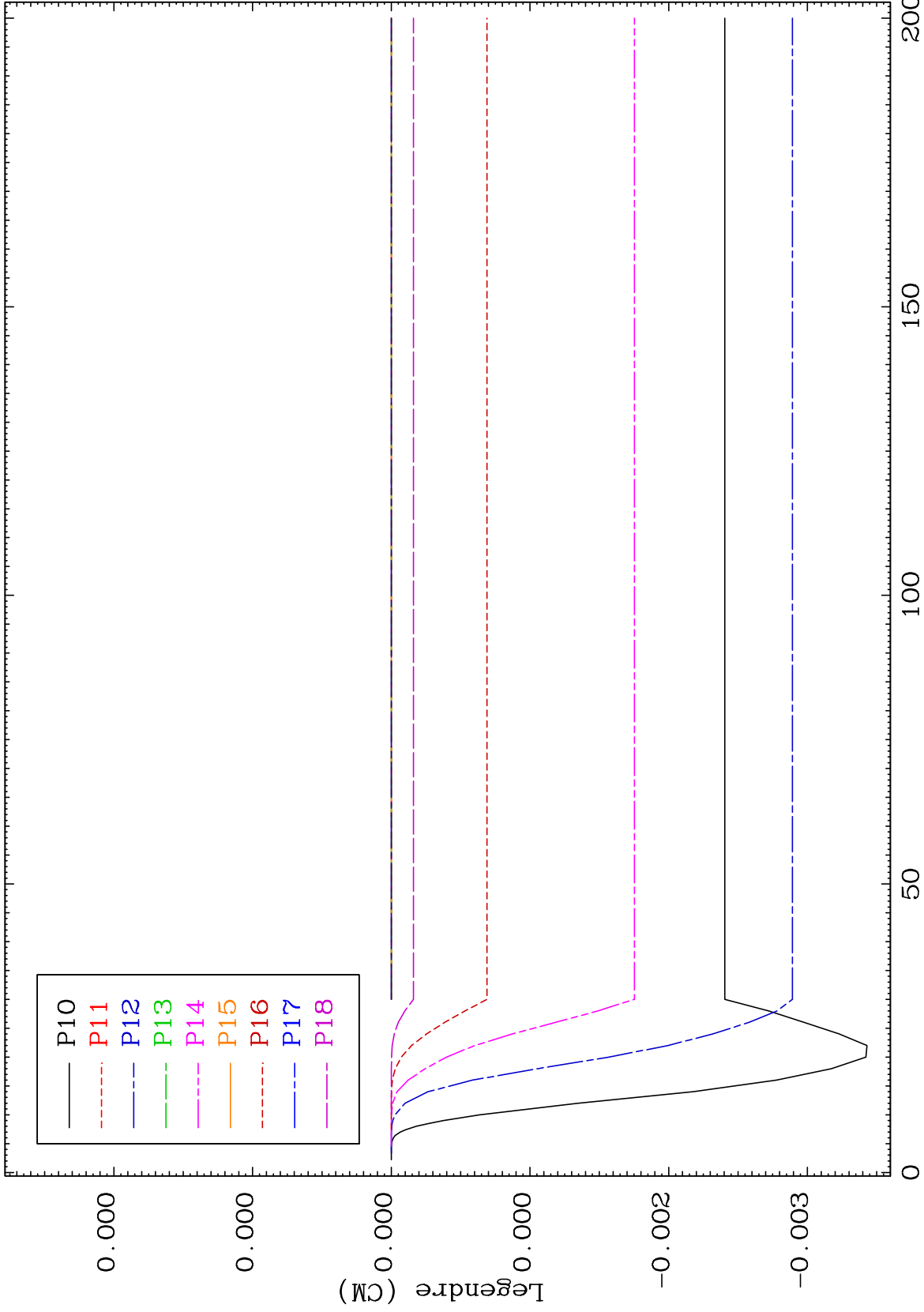
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

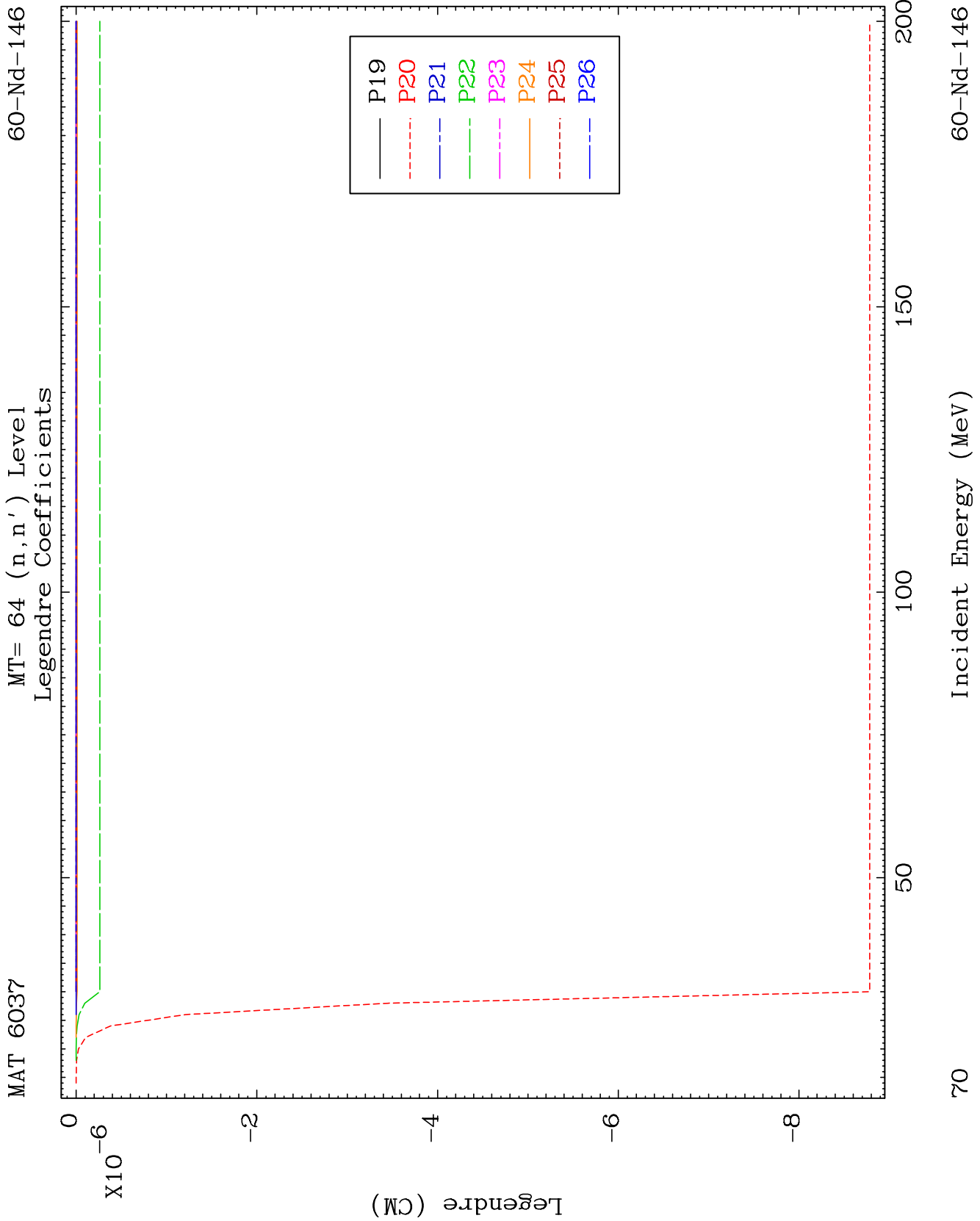
60-Nd-146



69

Incident Energy (MeV)

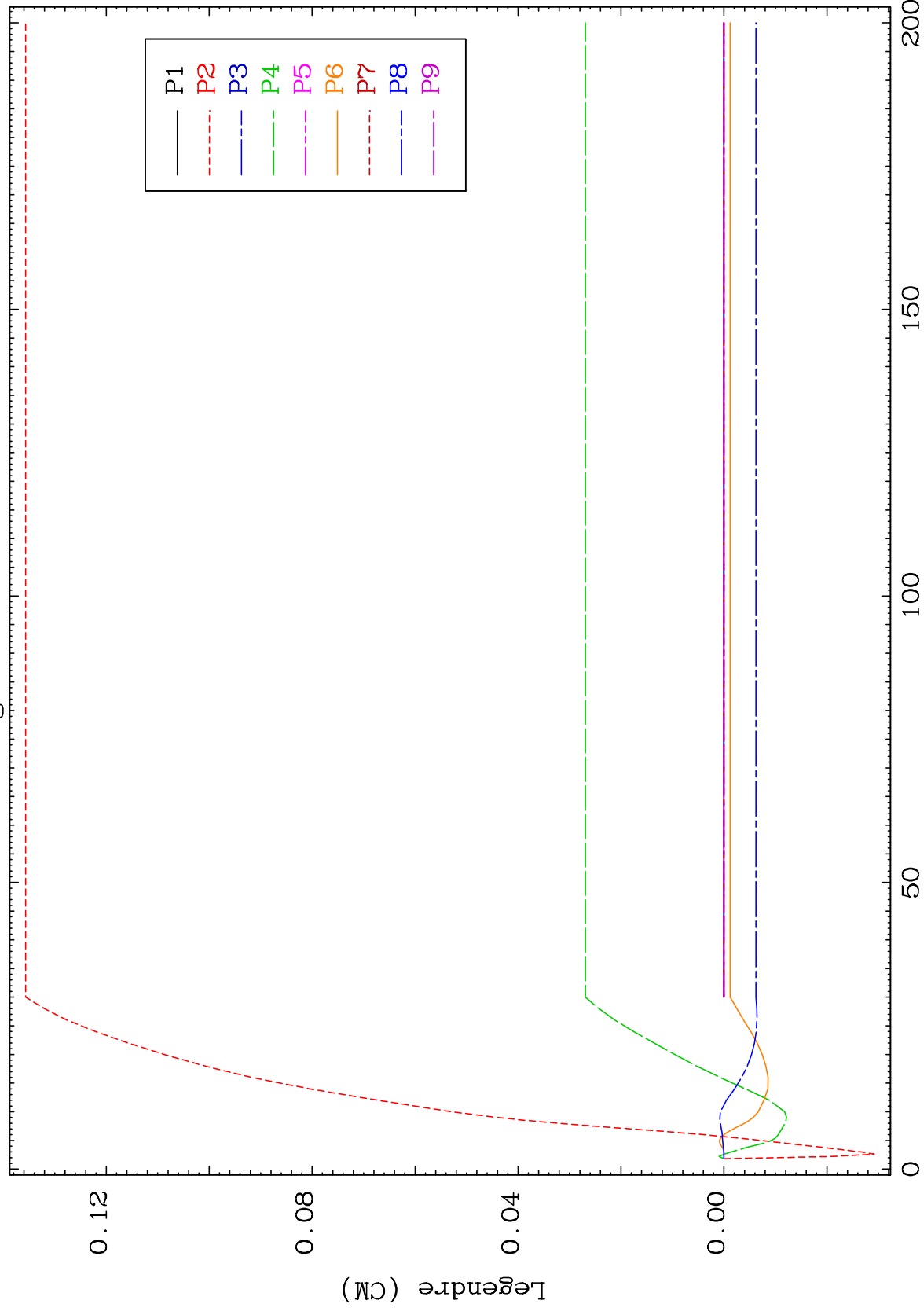
60-Nd-146



MAT 6037

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

60-Nd-146



71

Incident Energy (MeV)

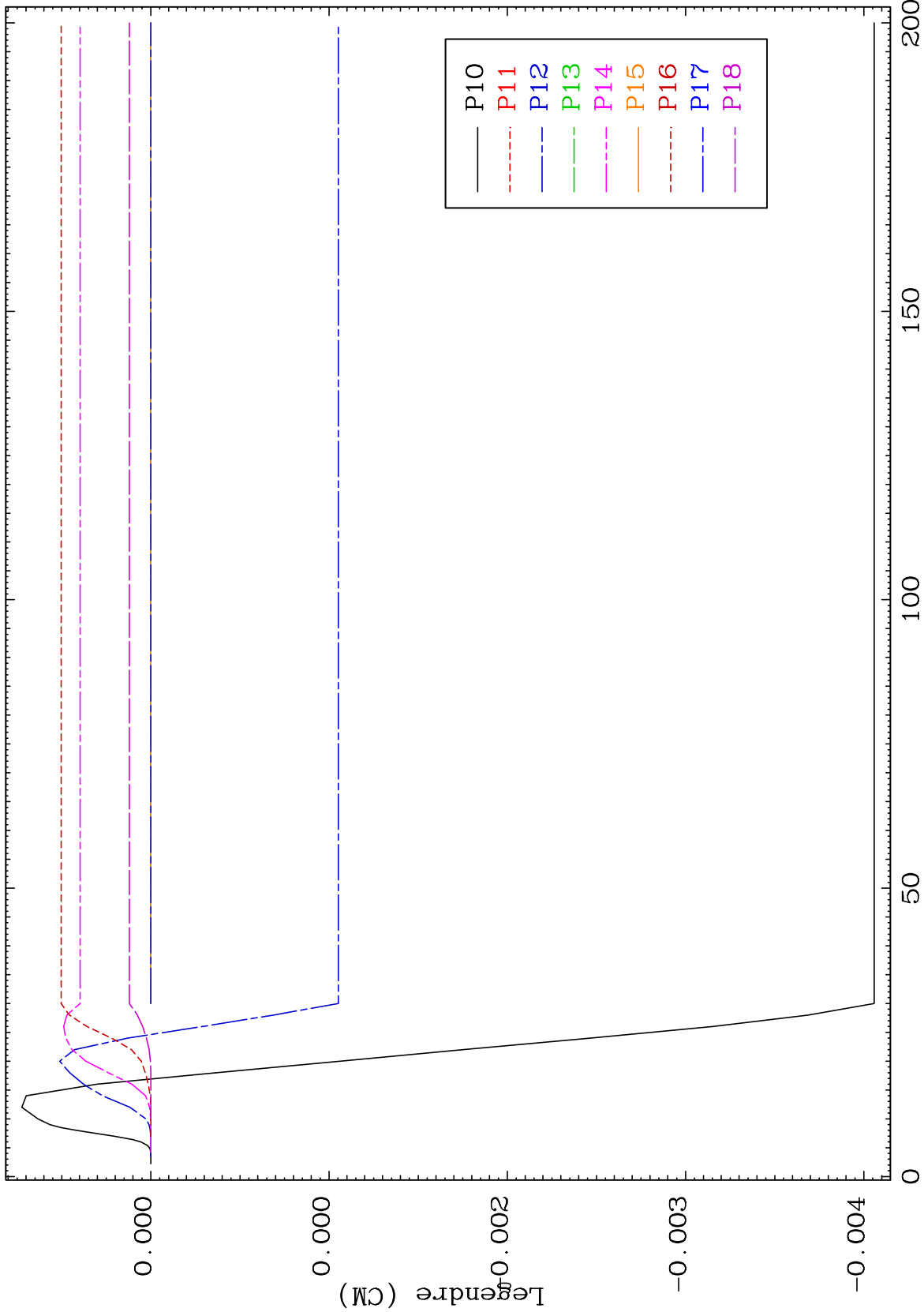
60-Nd-146



MAT 6037

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

60-Nd-146



72

Incident Energy (MeV)

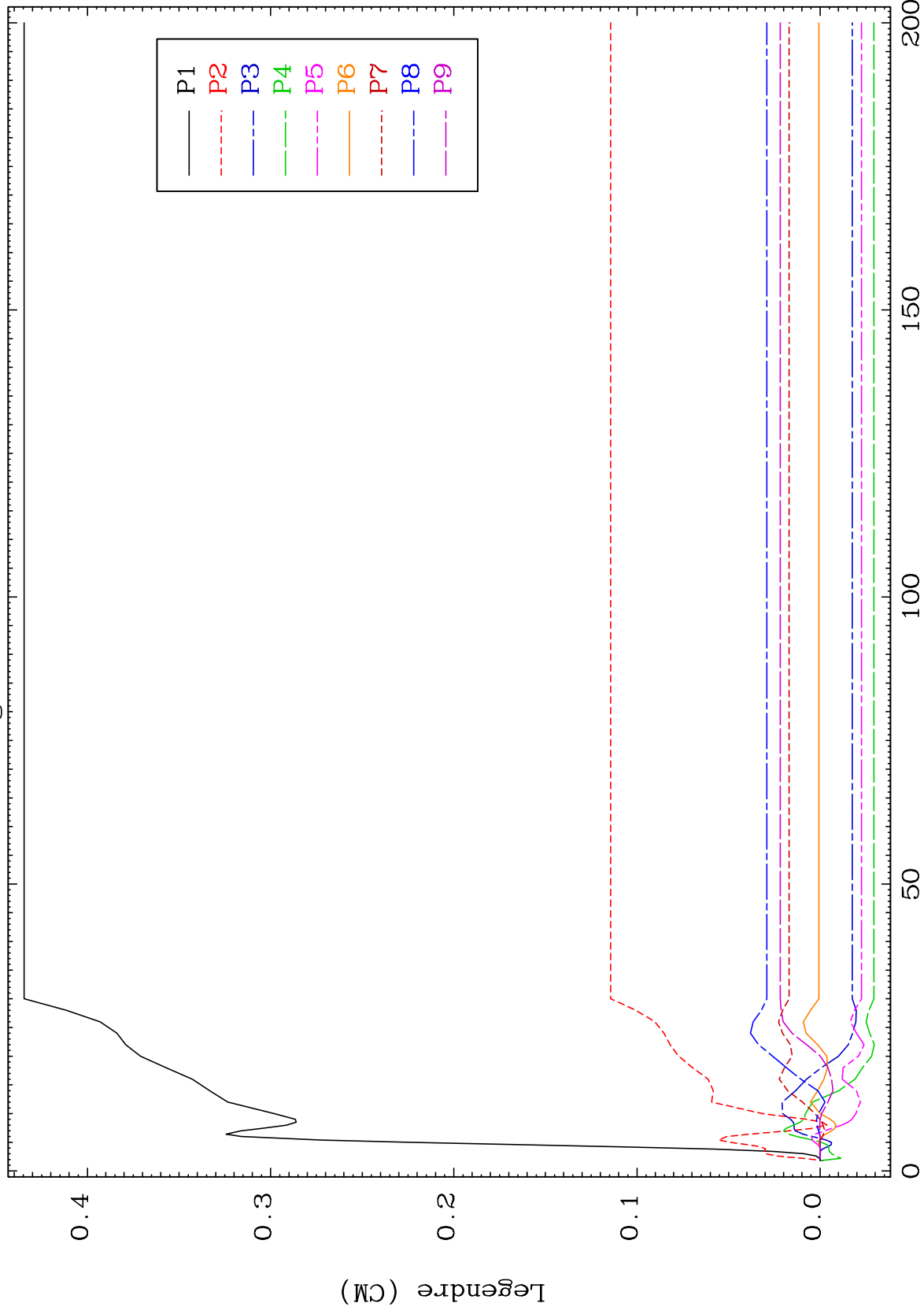
60-Nd-146



MAT 6037

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

60-Nd-146



74

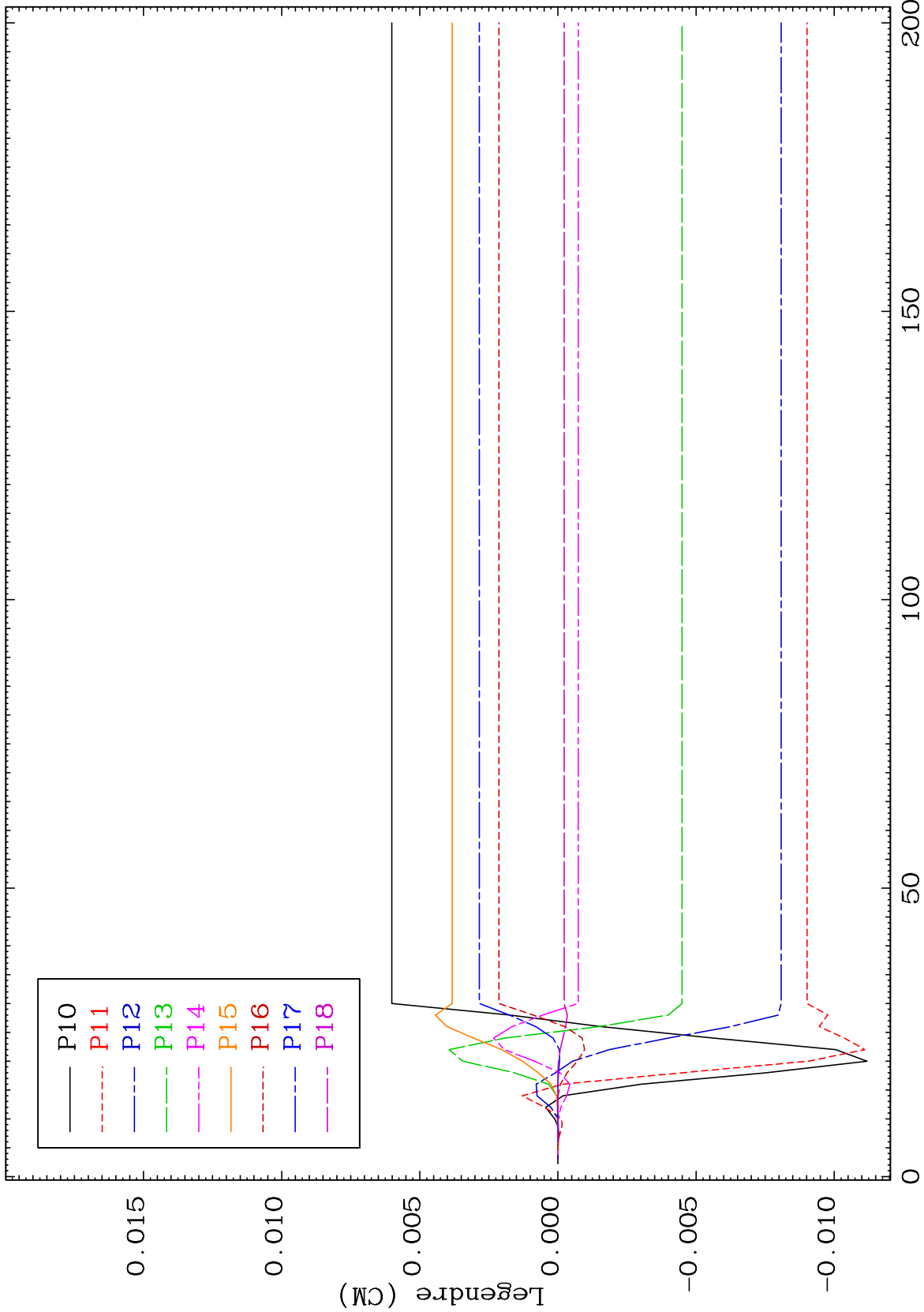
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



75

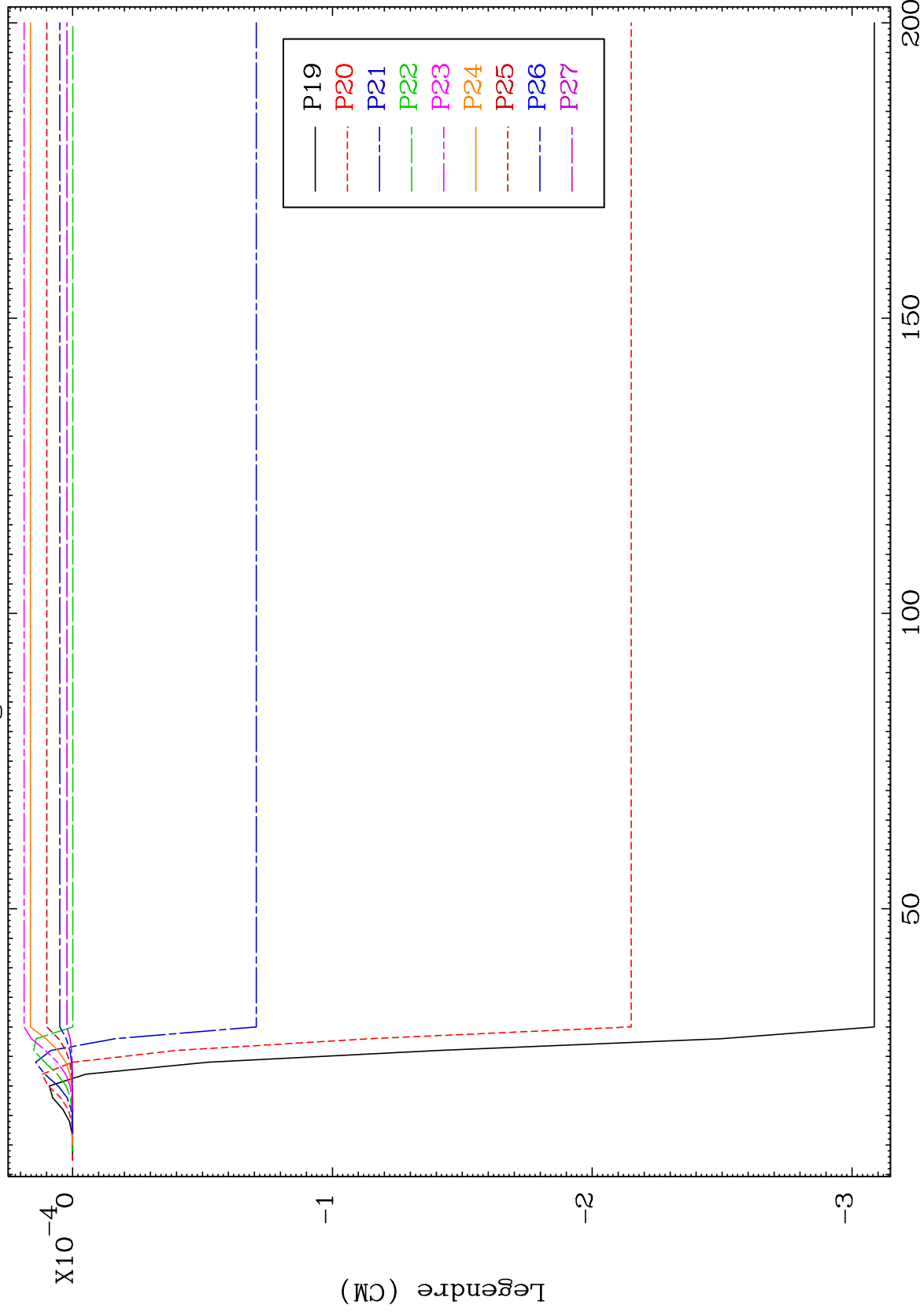
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



76

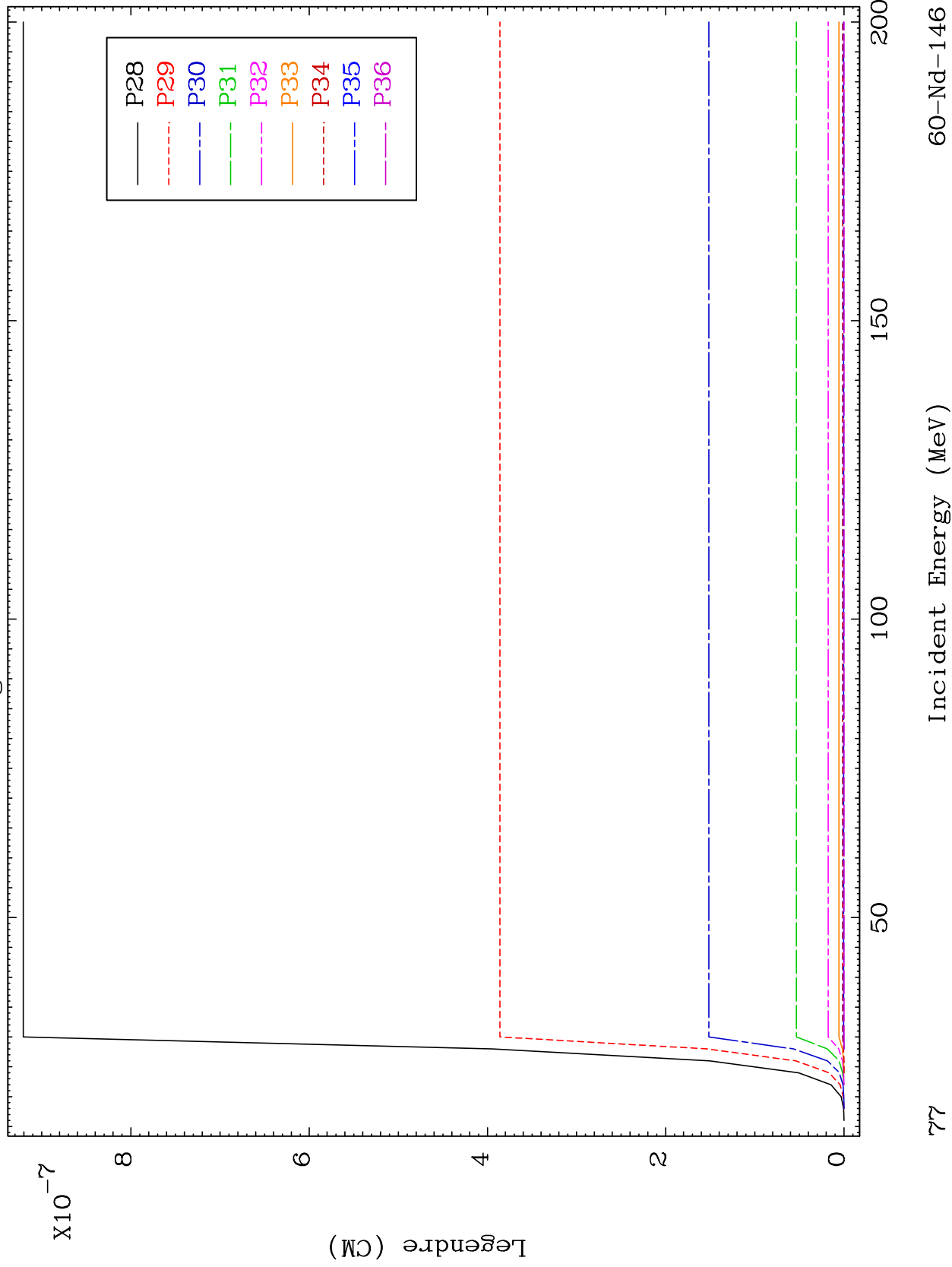
Incident Energy (MeV)

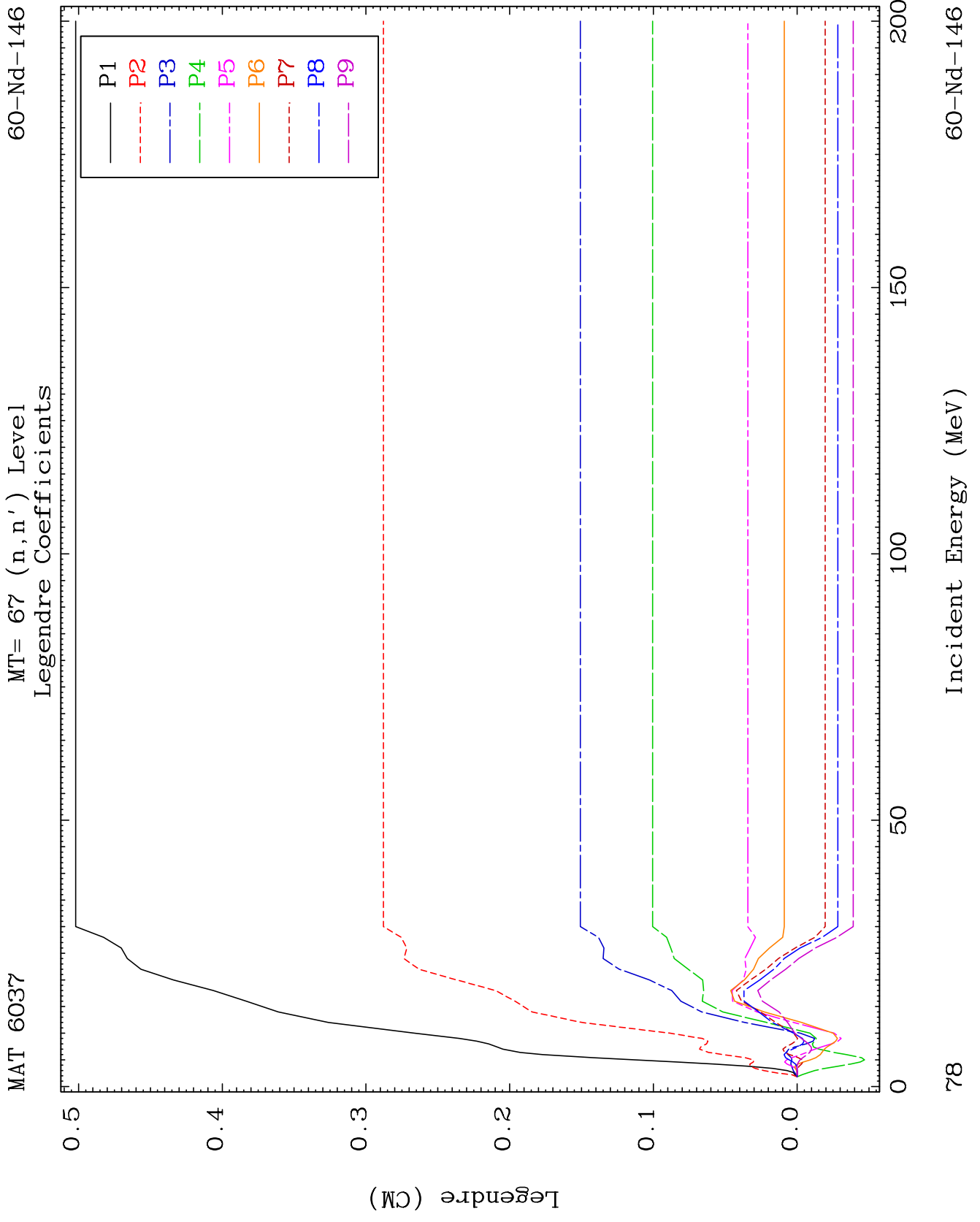
60-Nd-146

MAT 6037

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

60-Nd-146

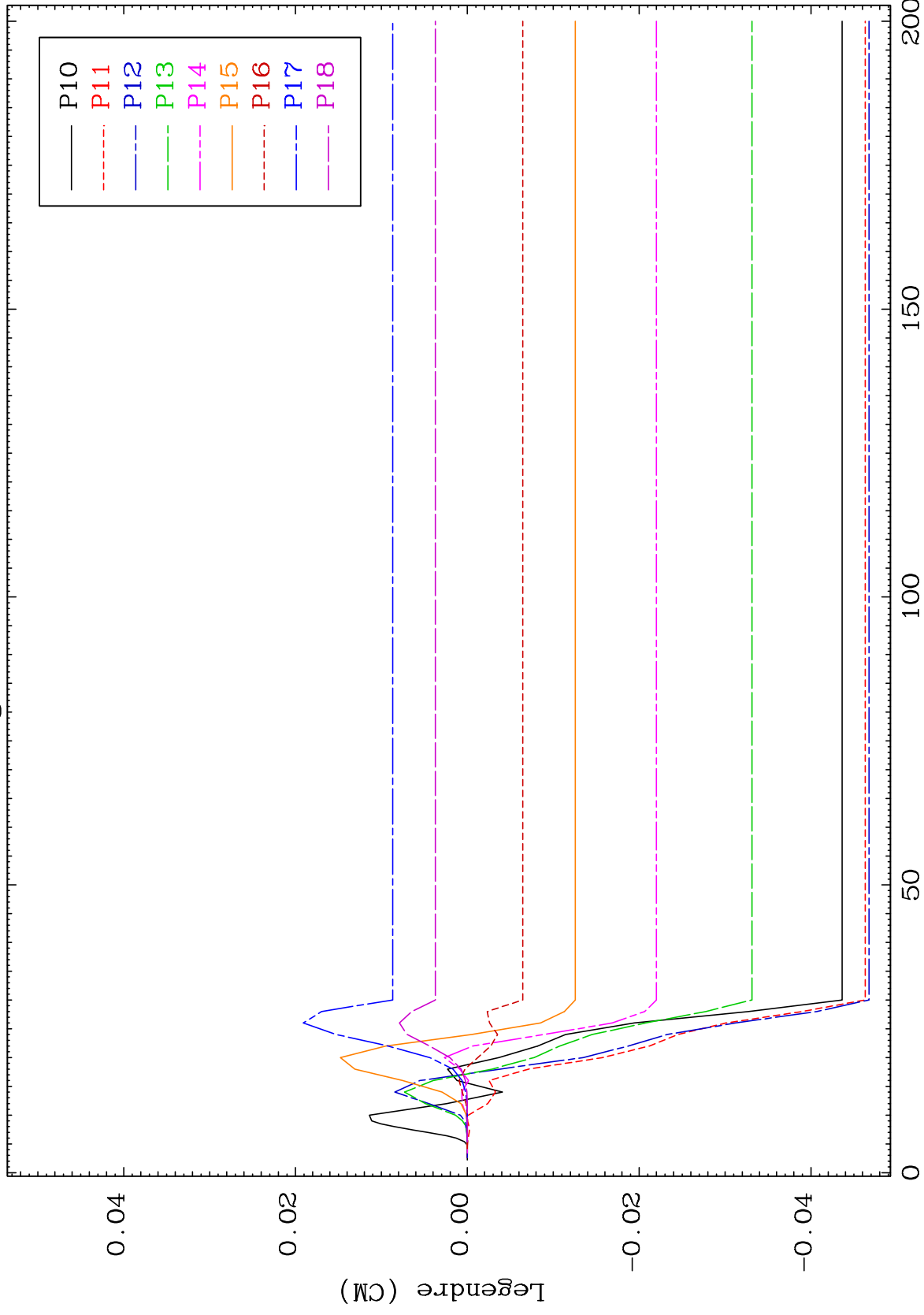




MAT 6037

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

60-Nd-146



79

Incident Energy (MeV)

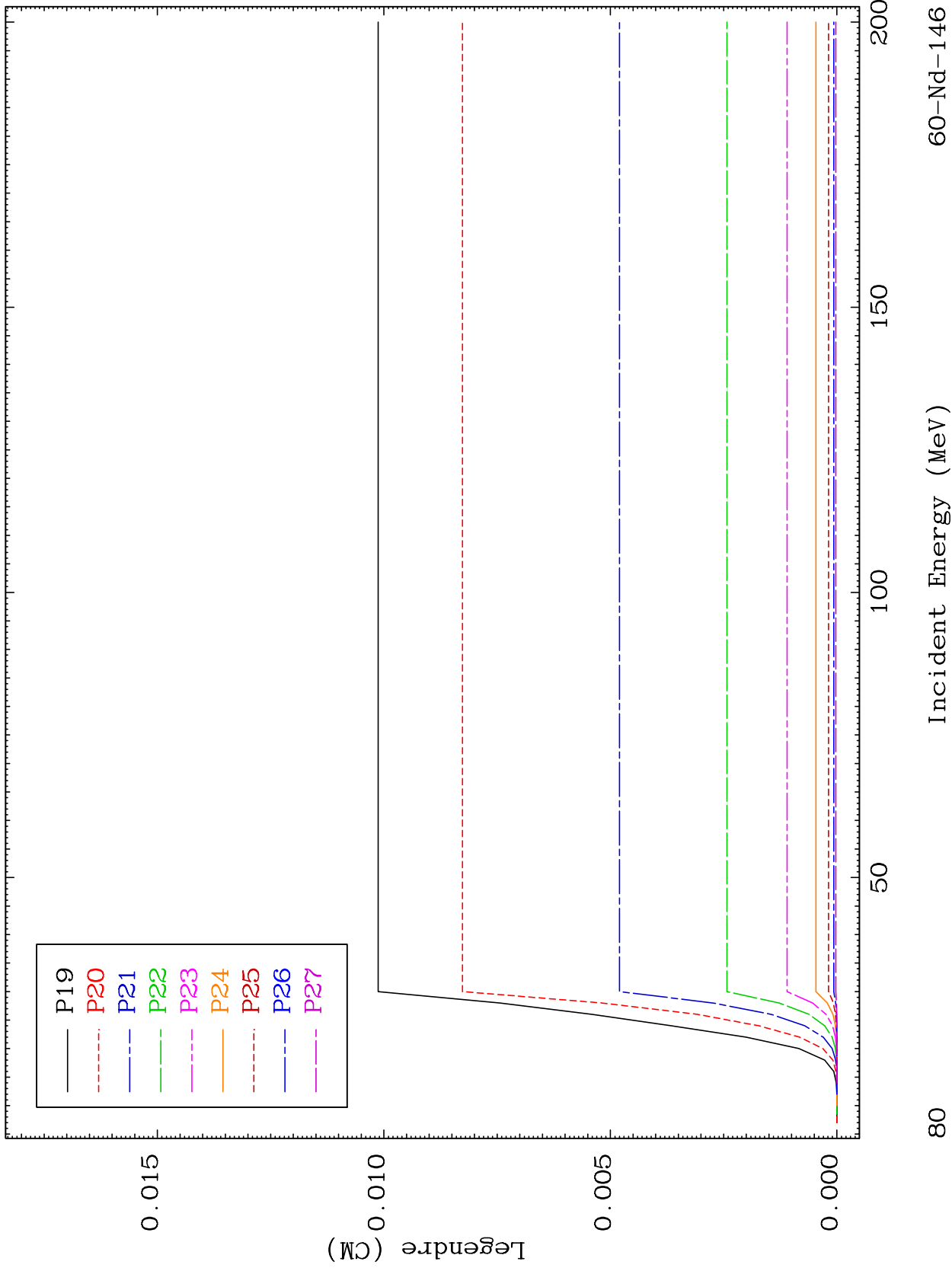
60-Nd-146



MAT 6037

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

60-Nd-146



80

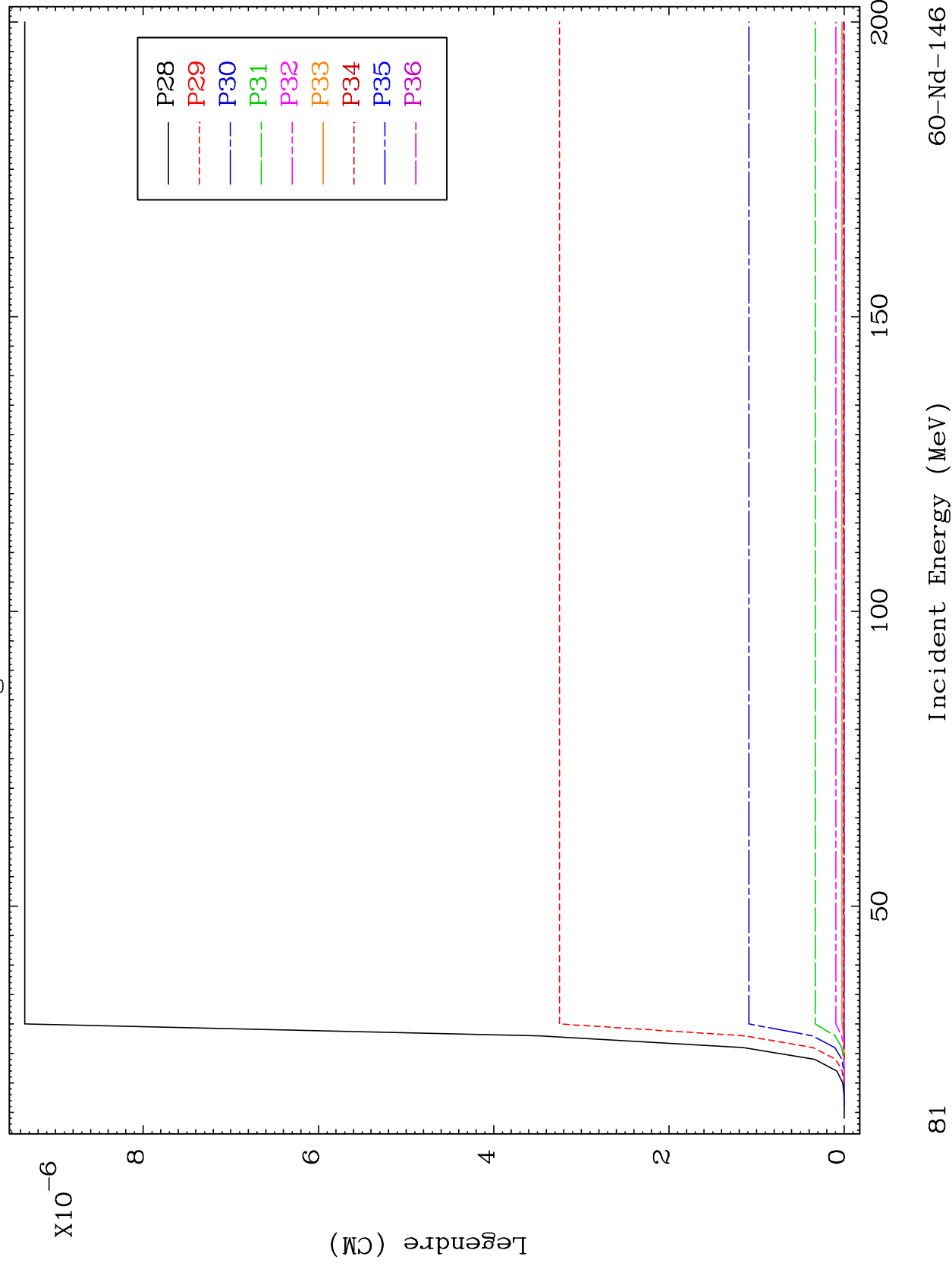
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



81

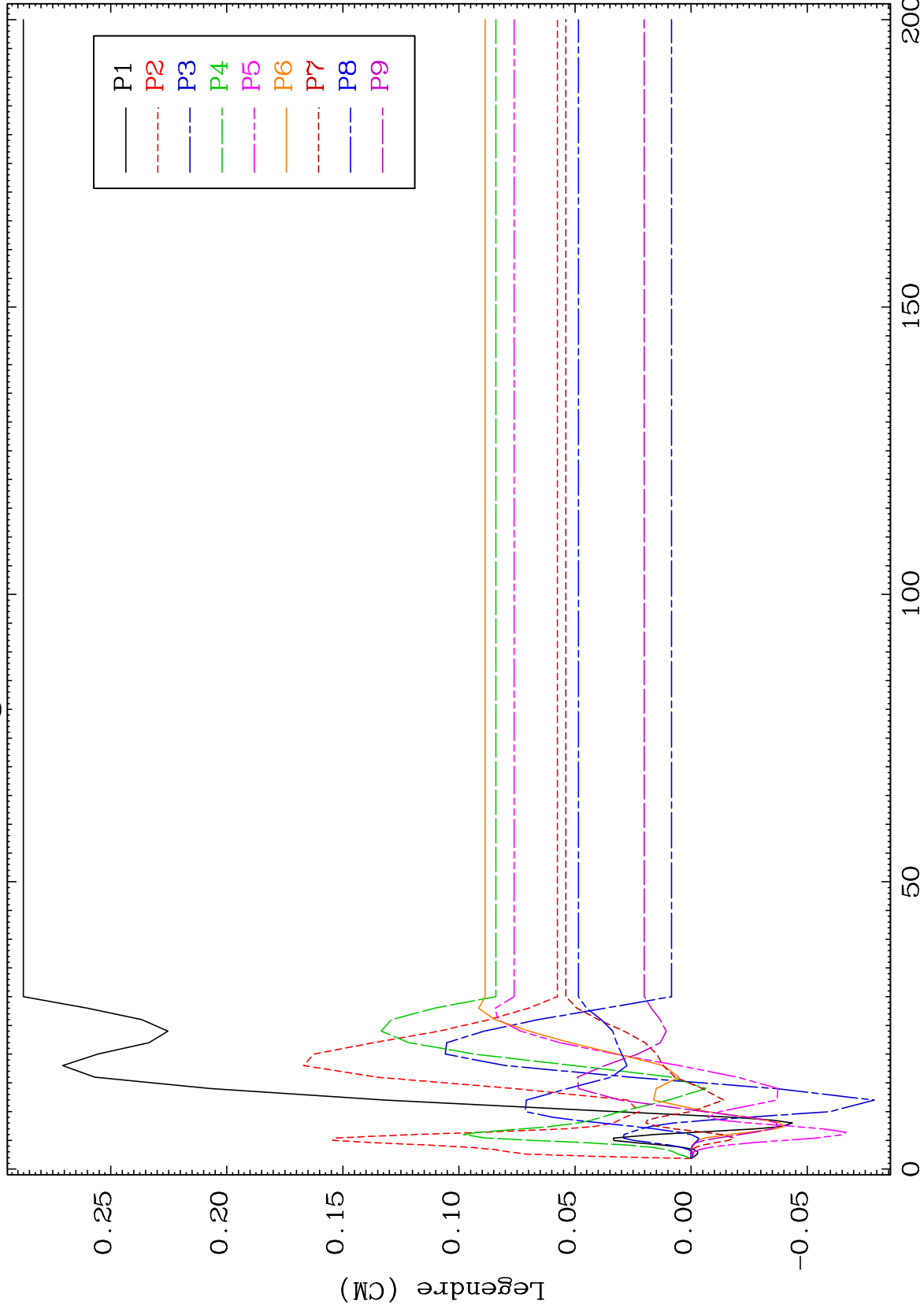
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



60-Nd-146

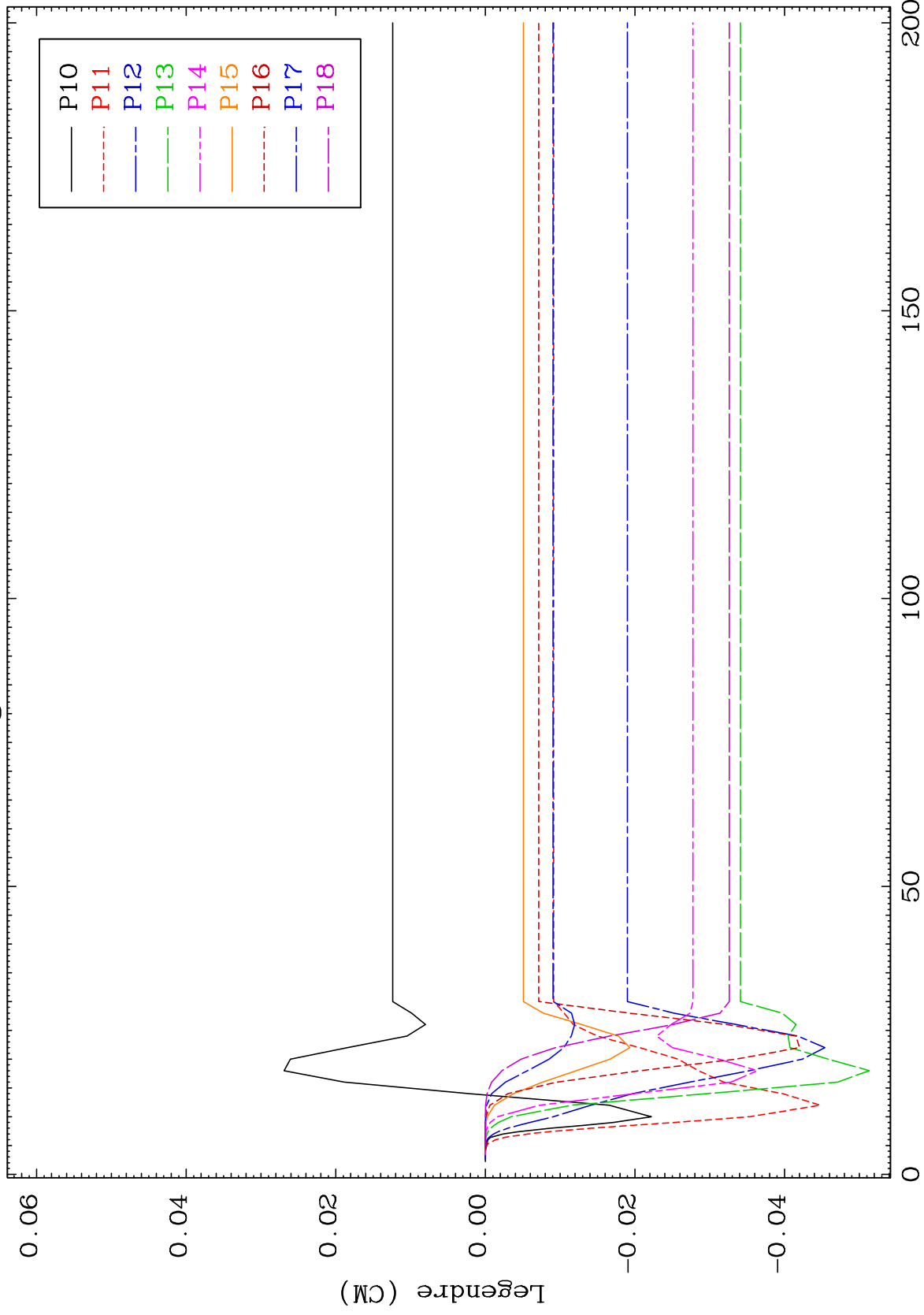
Incident Energy (MeV)

82

MAT 6037

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

60-Nd-146



83

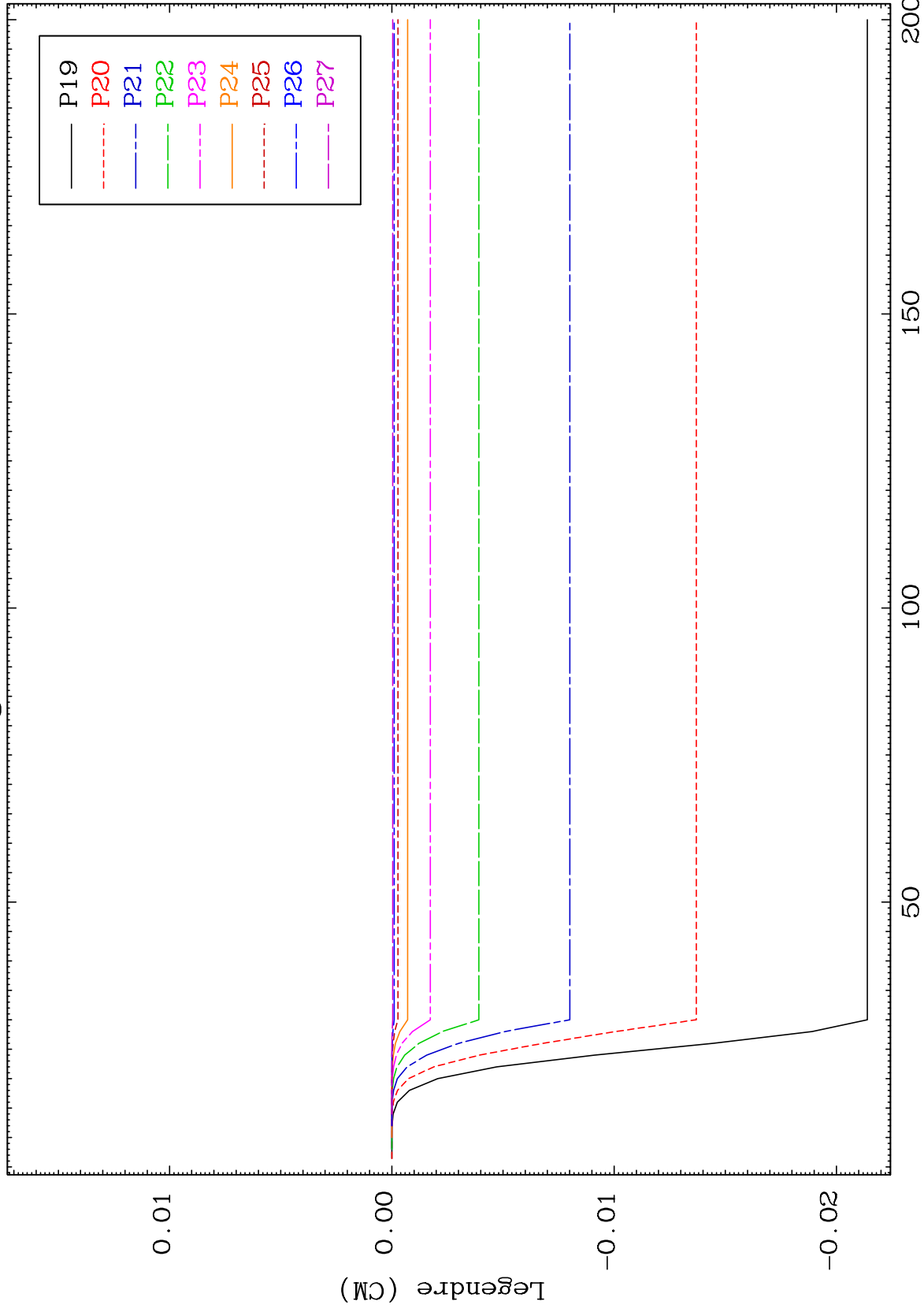
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

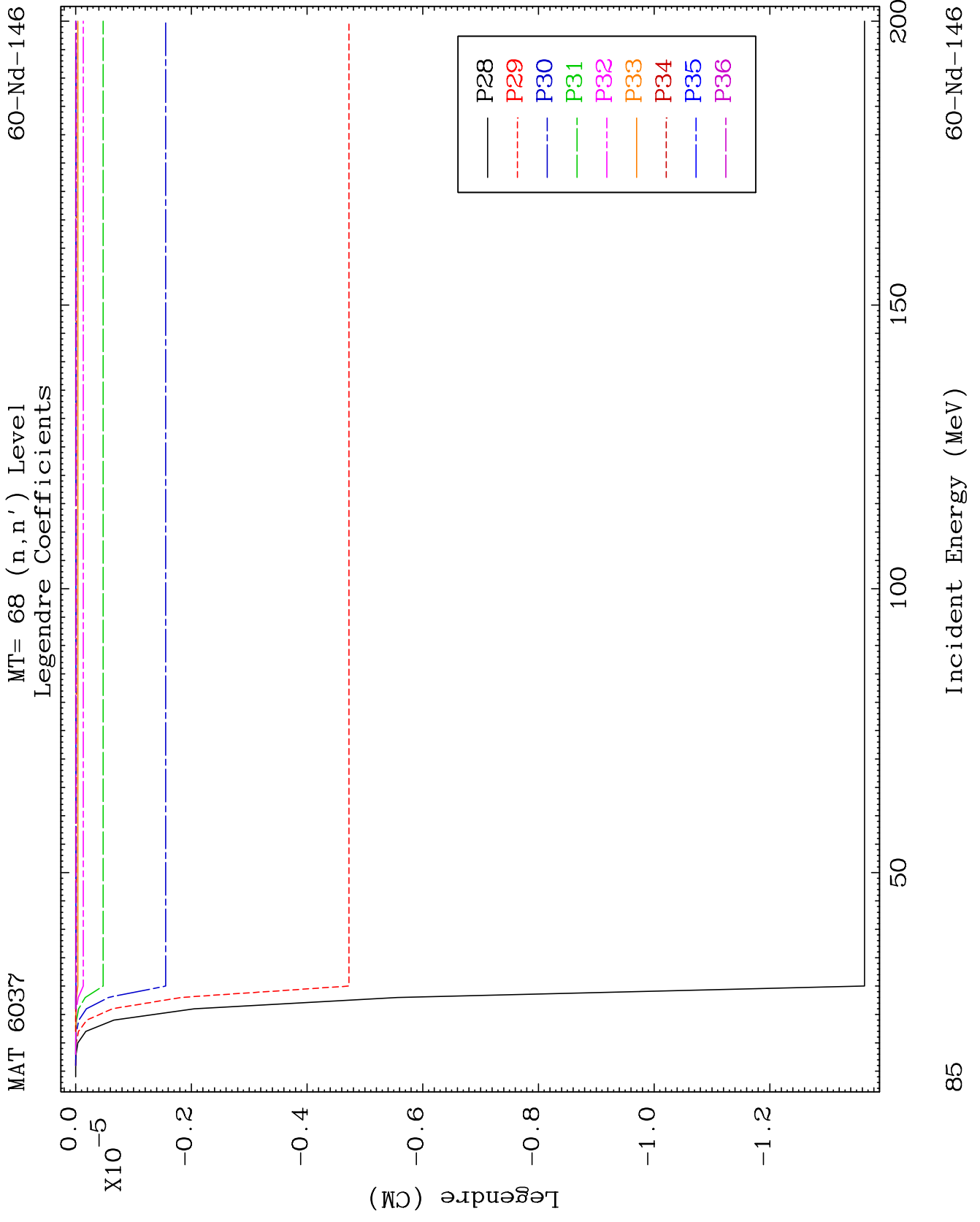
60-Nd-146



84

Incident Energy (MeV)

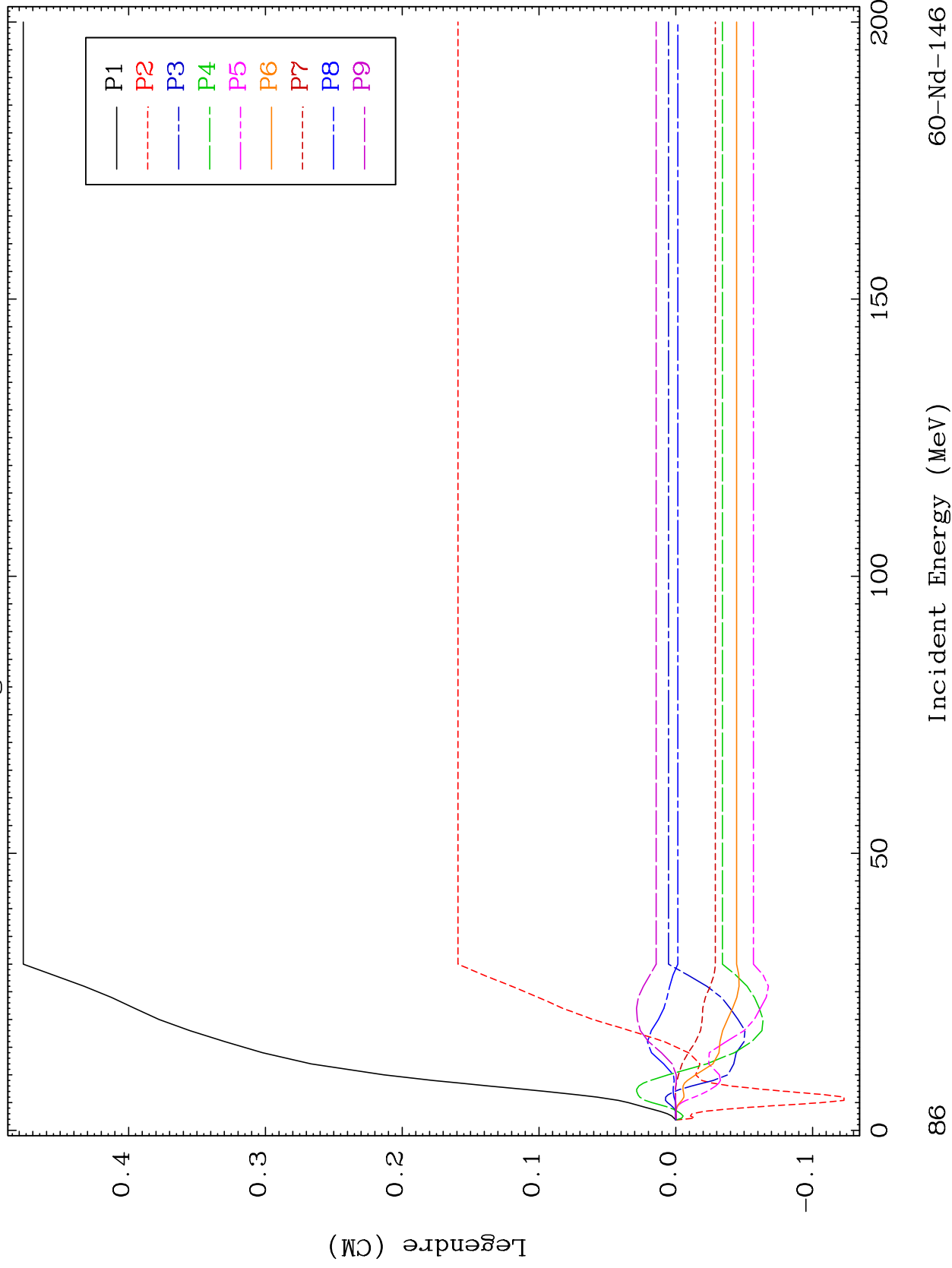
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

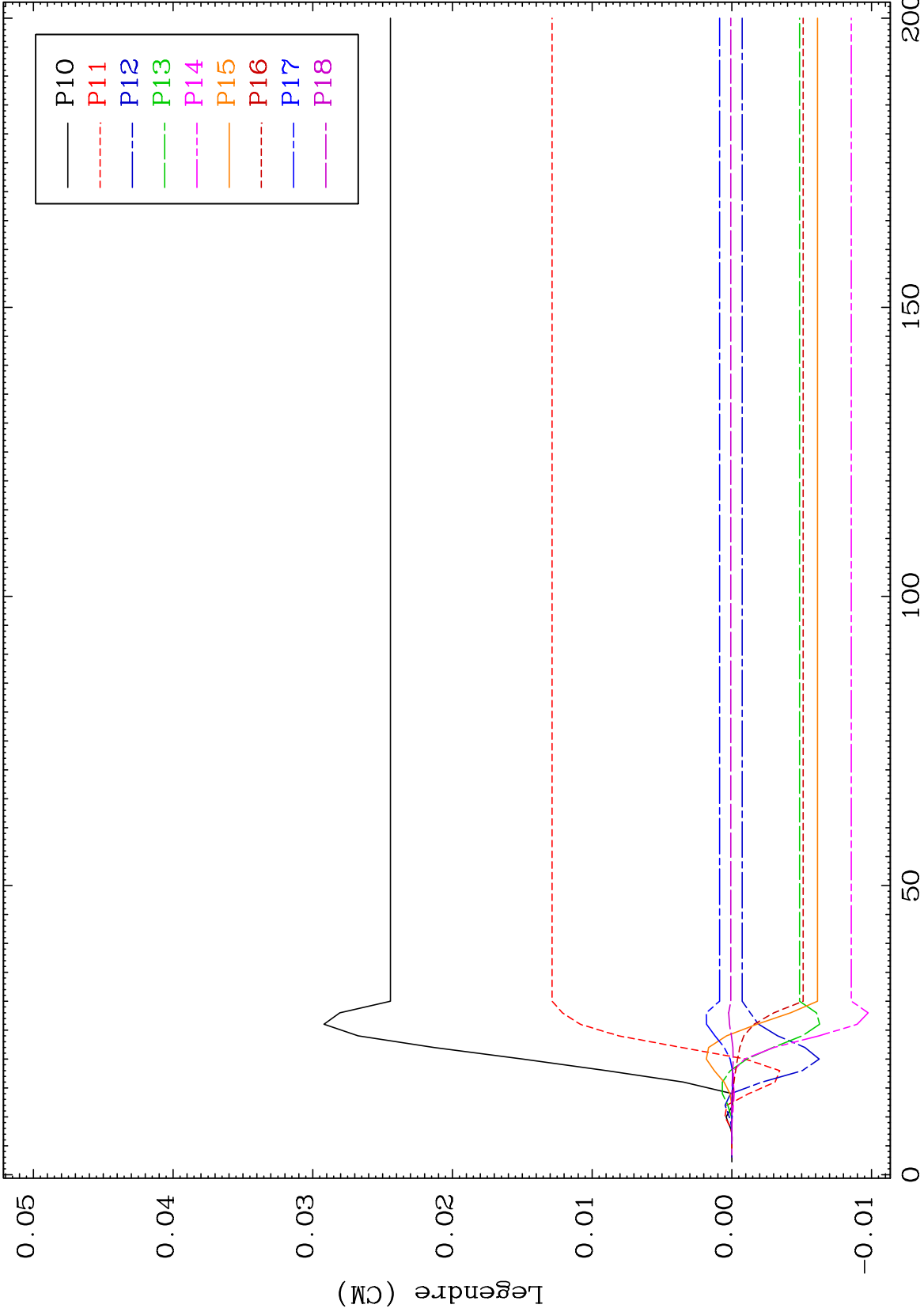
Incident Energy (MeV)

86

MAT 6037

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

60-Nd-146

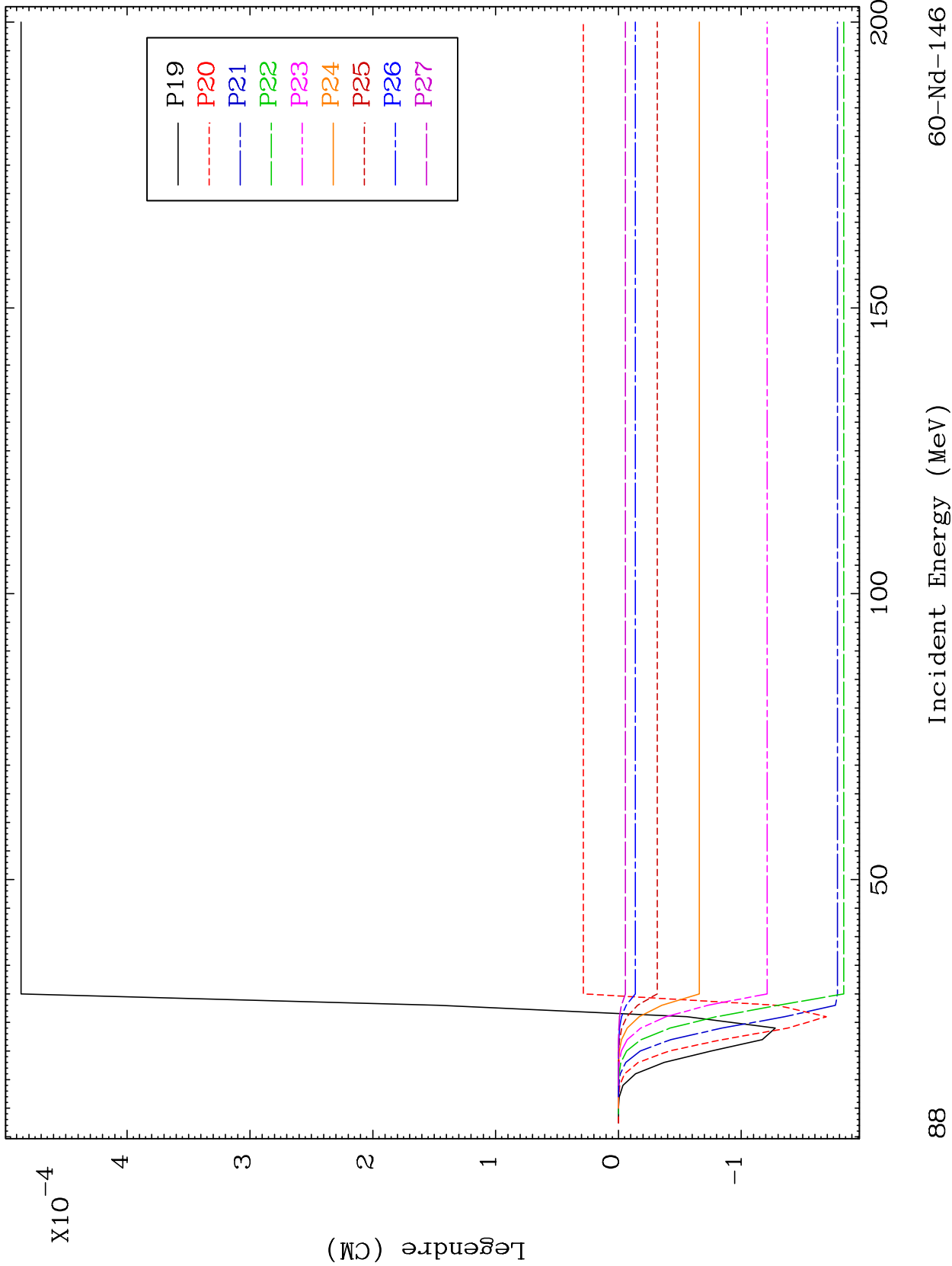


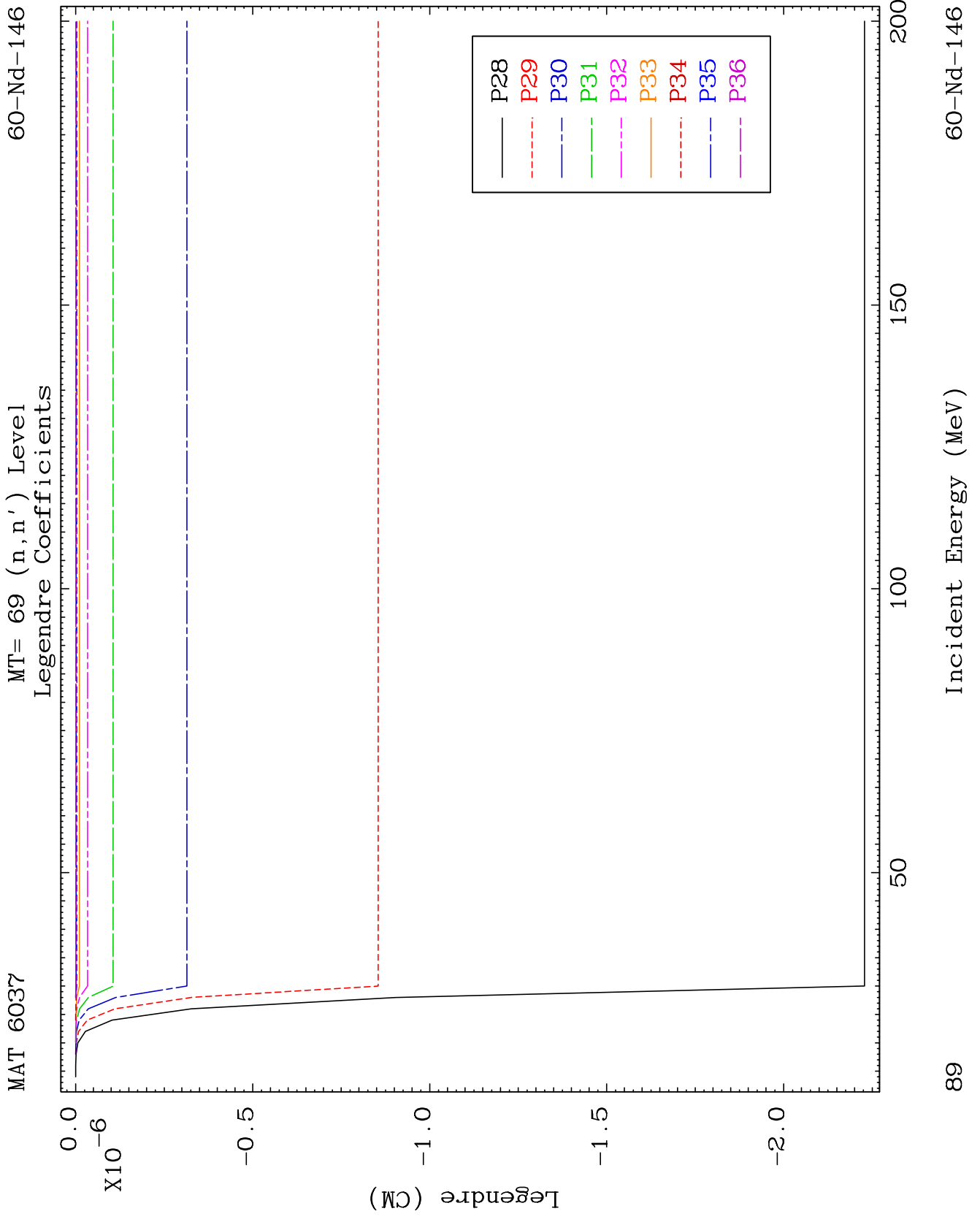
87

Incident Energy (MeV)

60-Nd-146



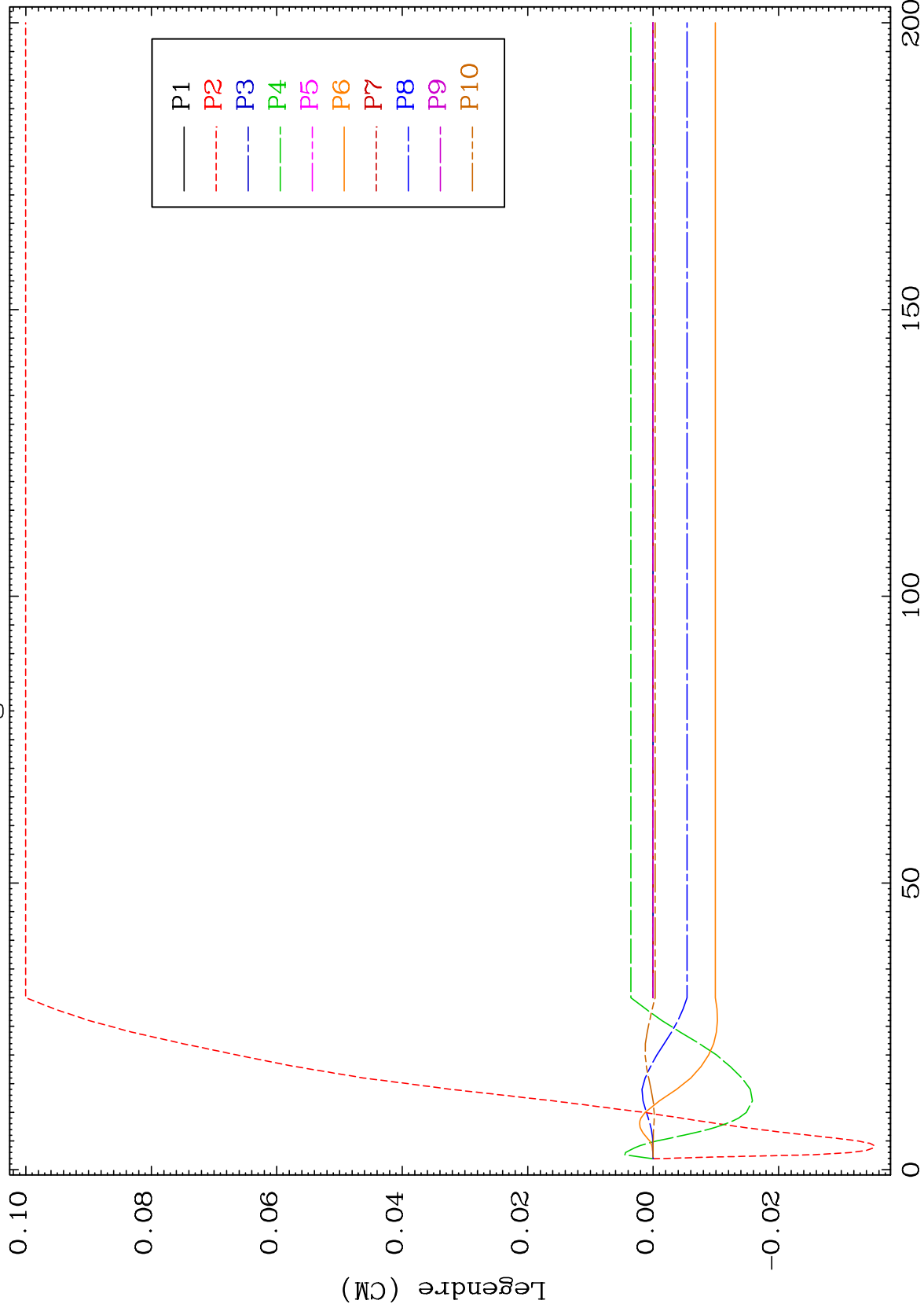




MAT 6037

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

60-Nd-146



60-Nd-146

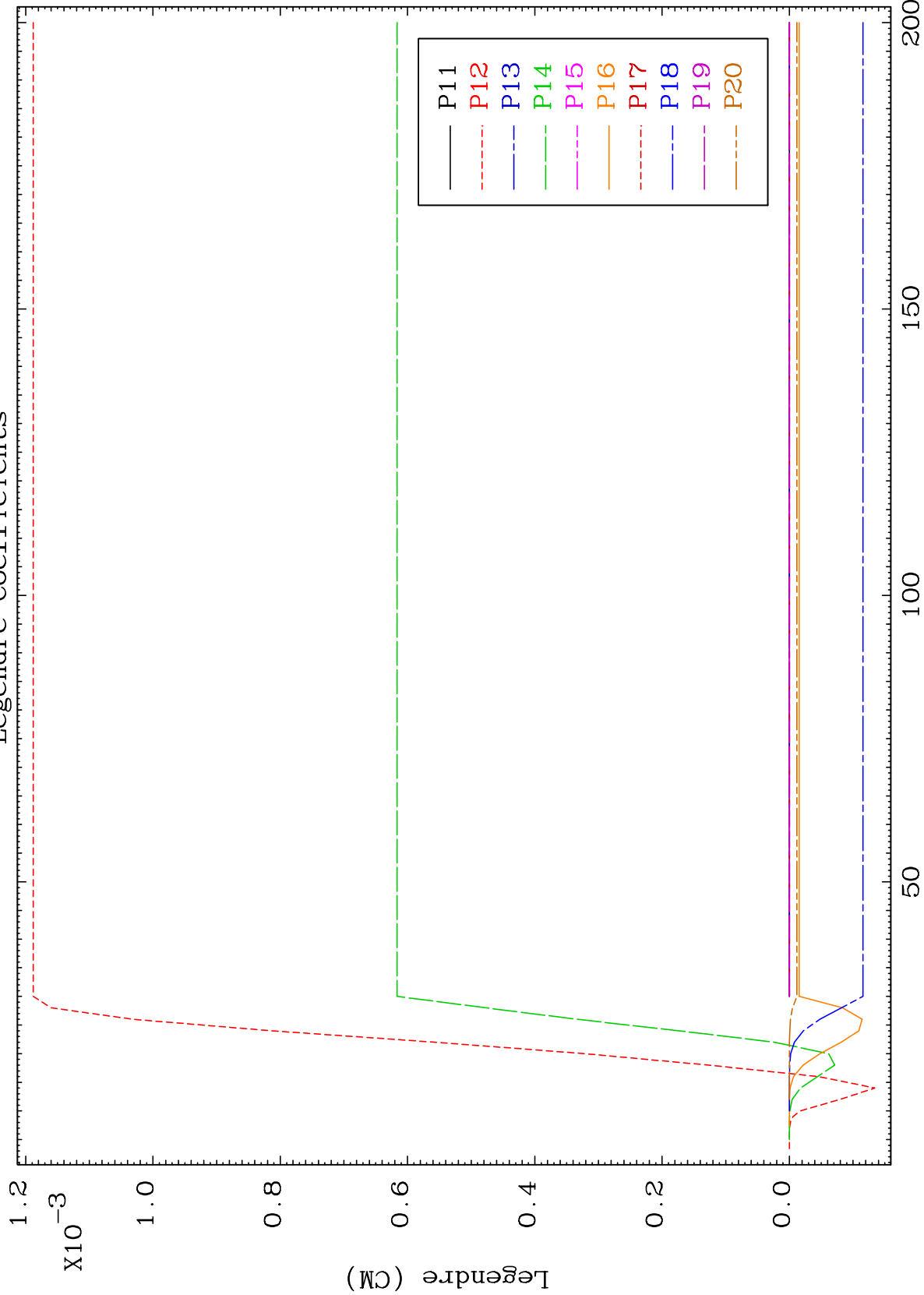
Incident Energy (MeV)

90

MAT 6037

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

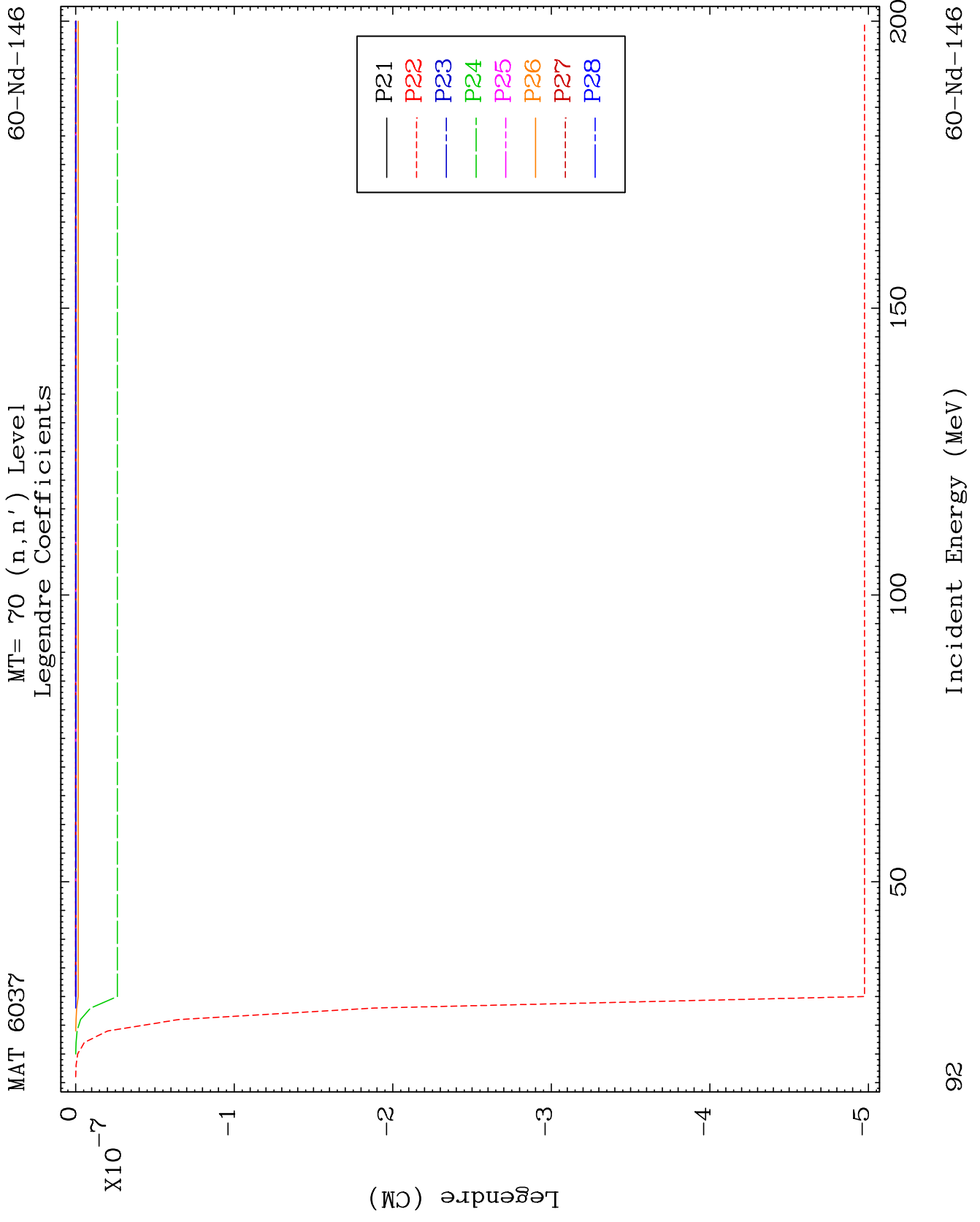
60-Nd-146



91

Incident Energy (MeV)

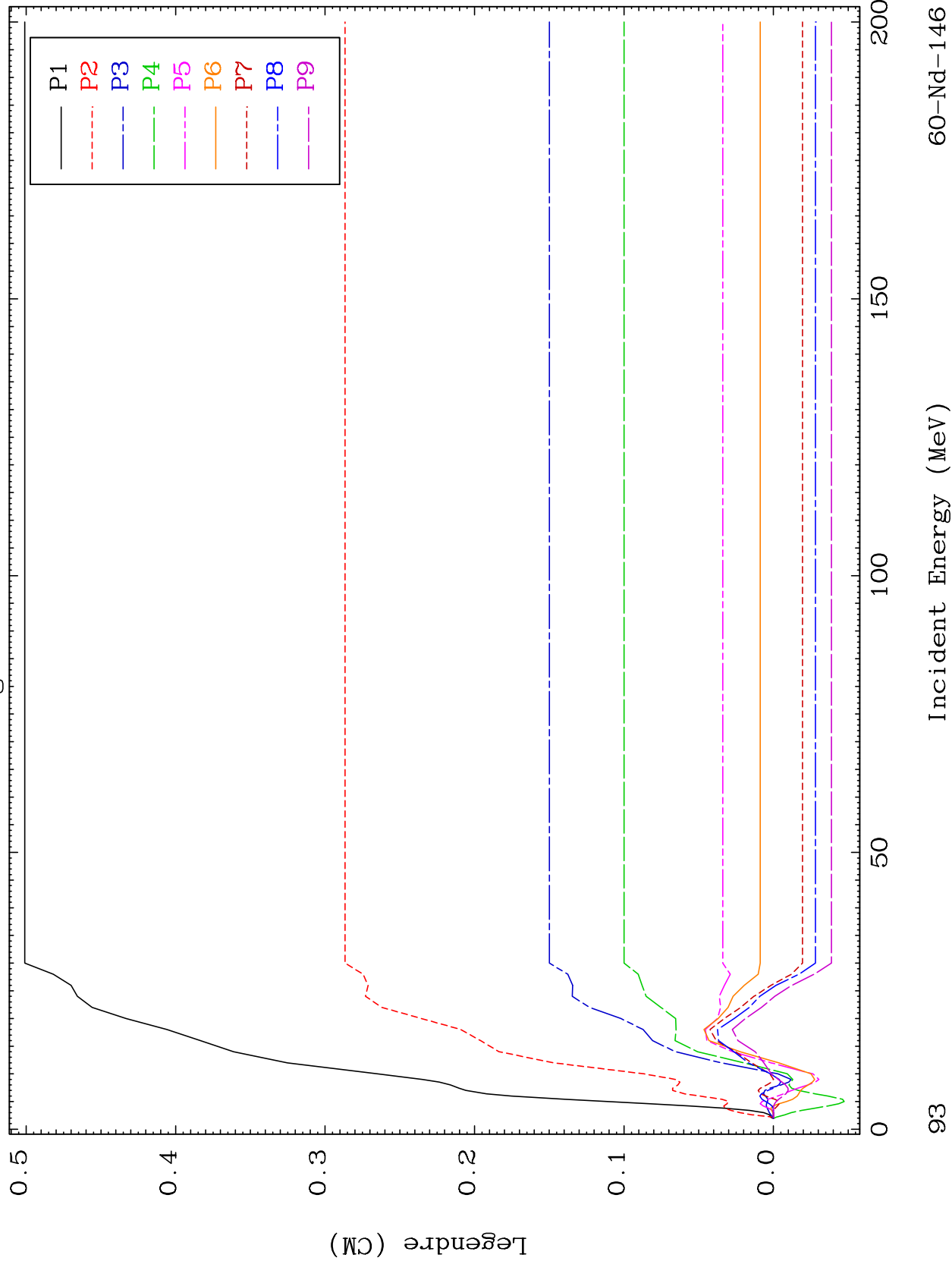
60-Nd-146



MAT 6037

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

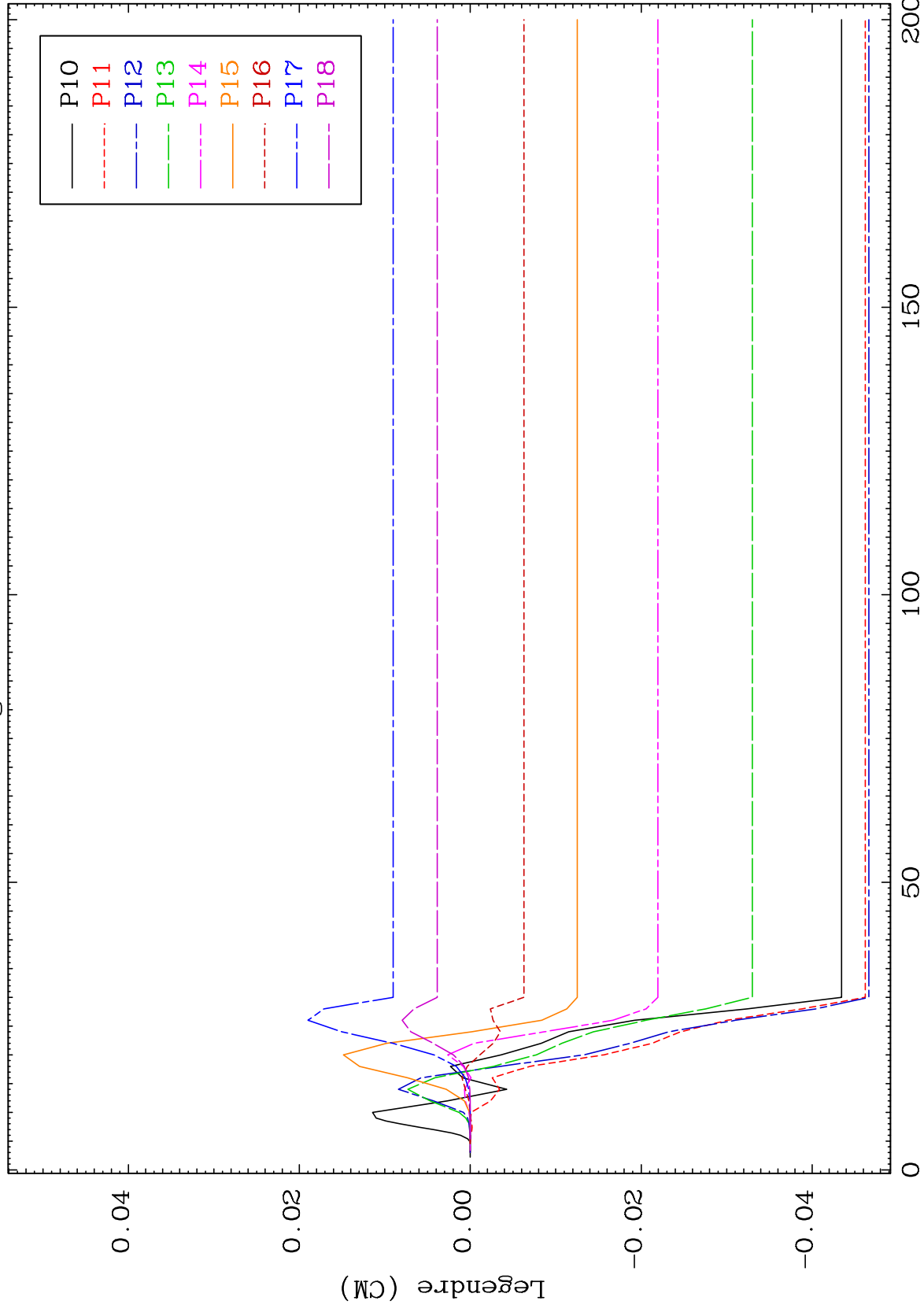
60-Nd-146



MAT 6037

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

60-Nd-146



94

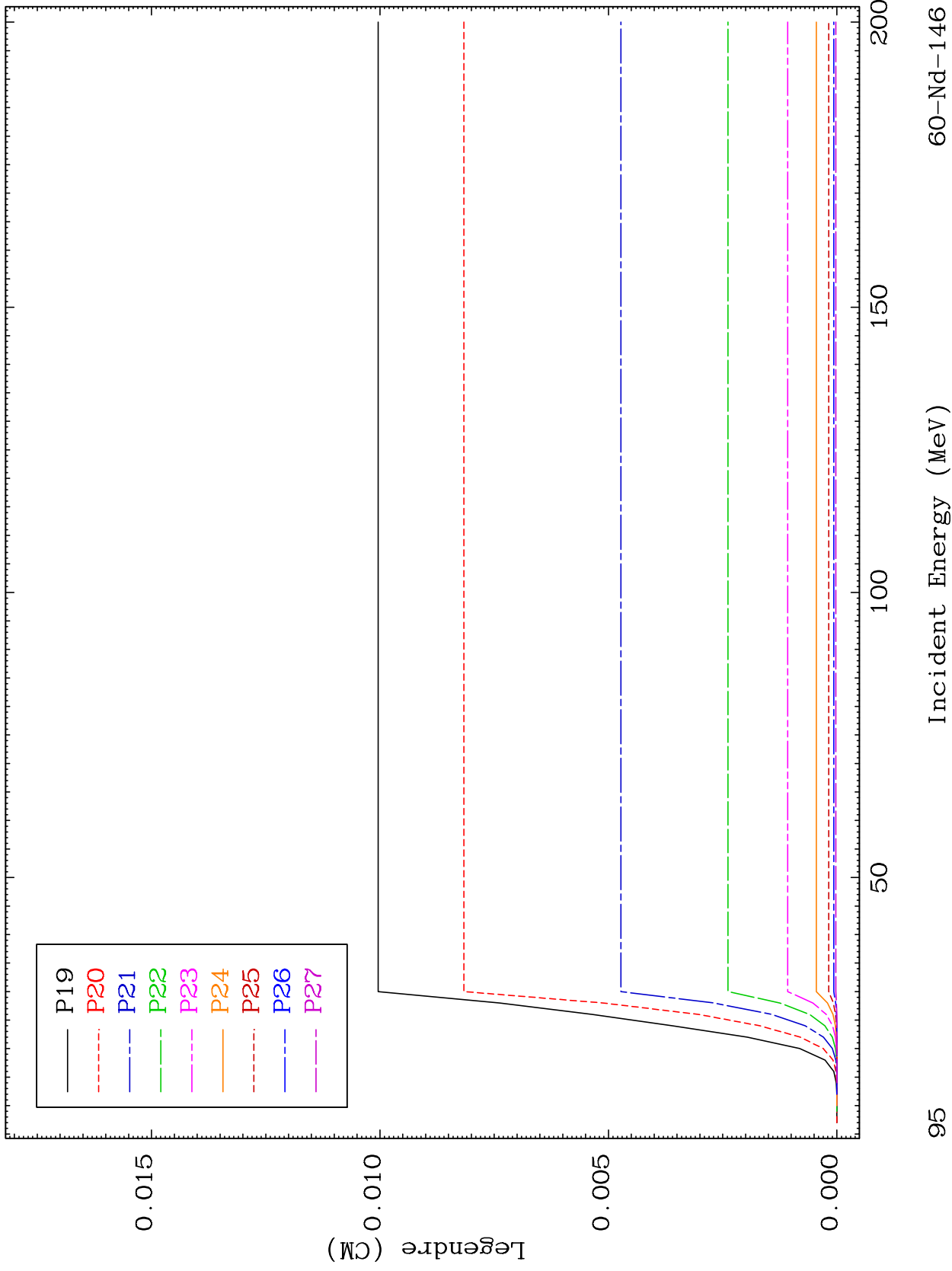
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



95

Incident Energy (MeV)

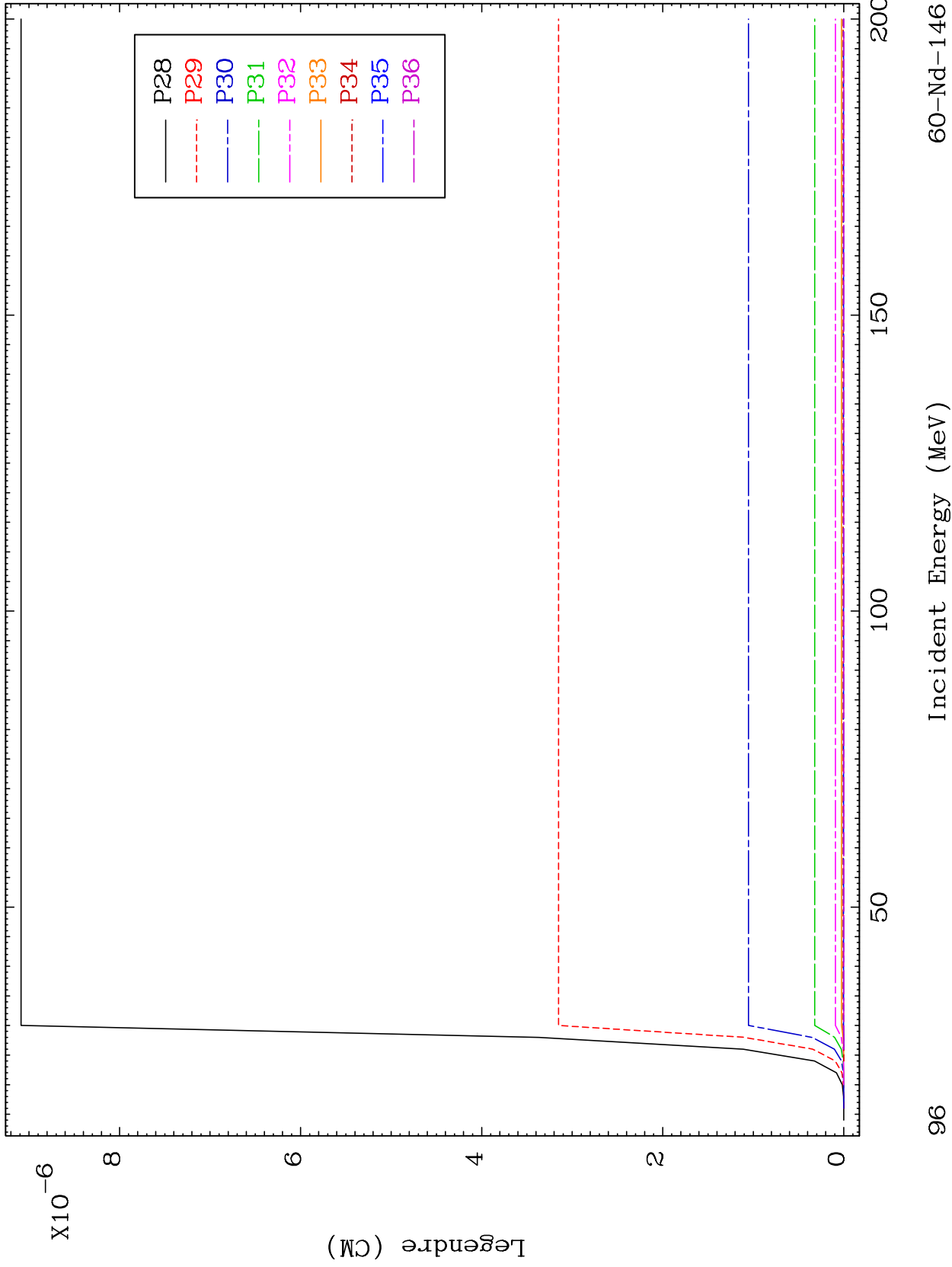
60-Nd-146



MAT 6037

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

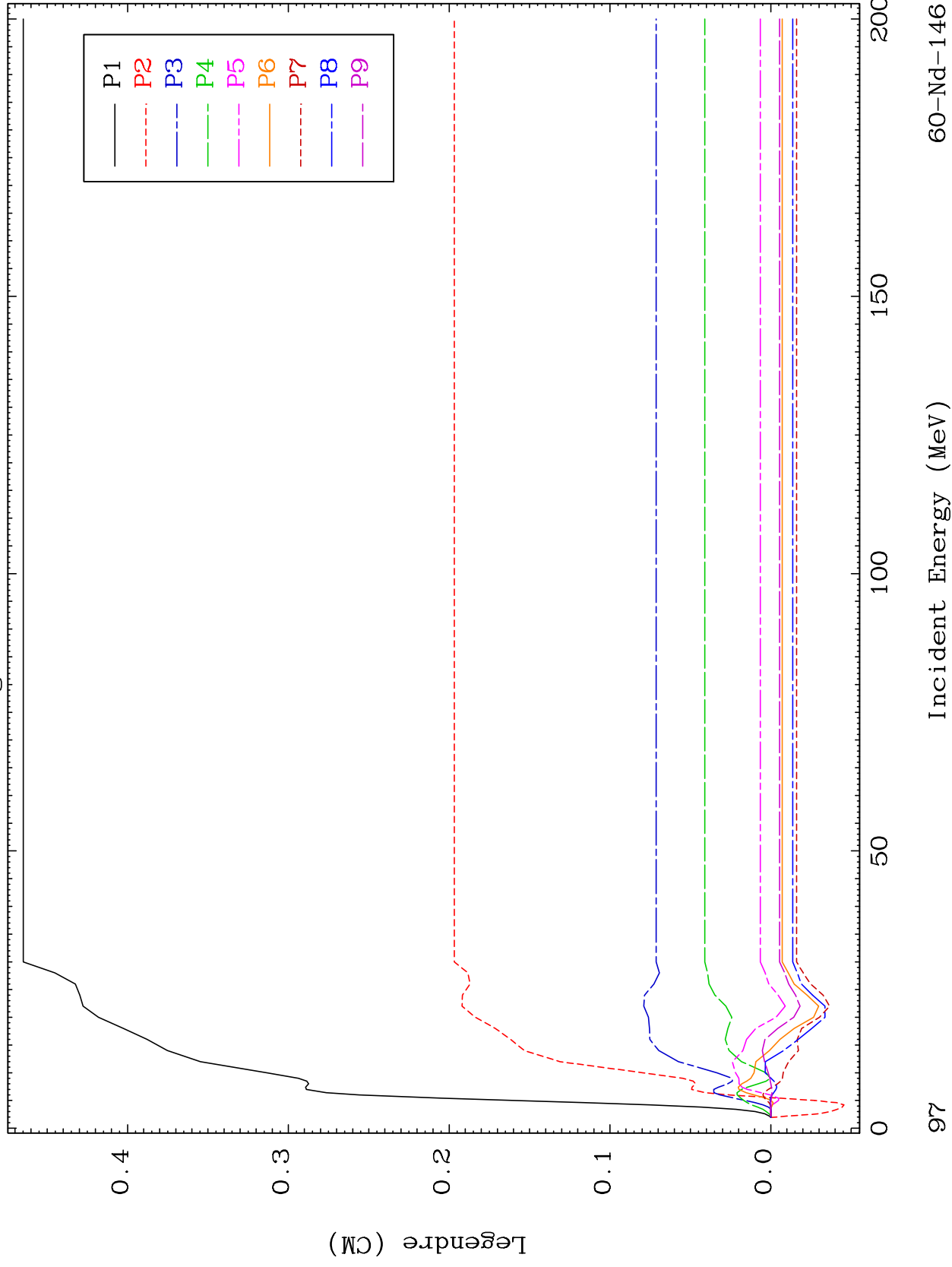
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

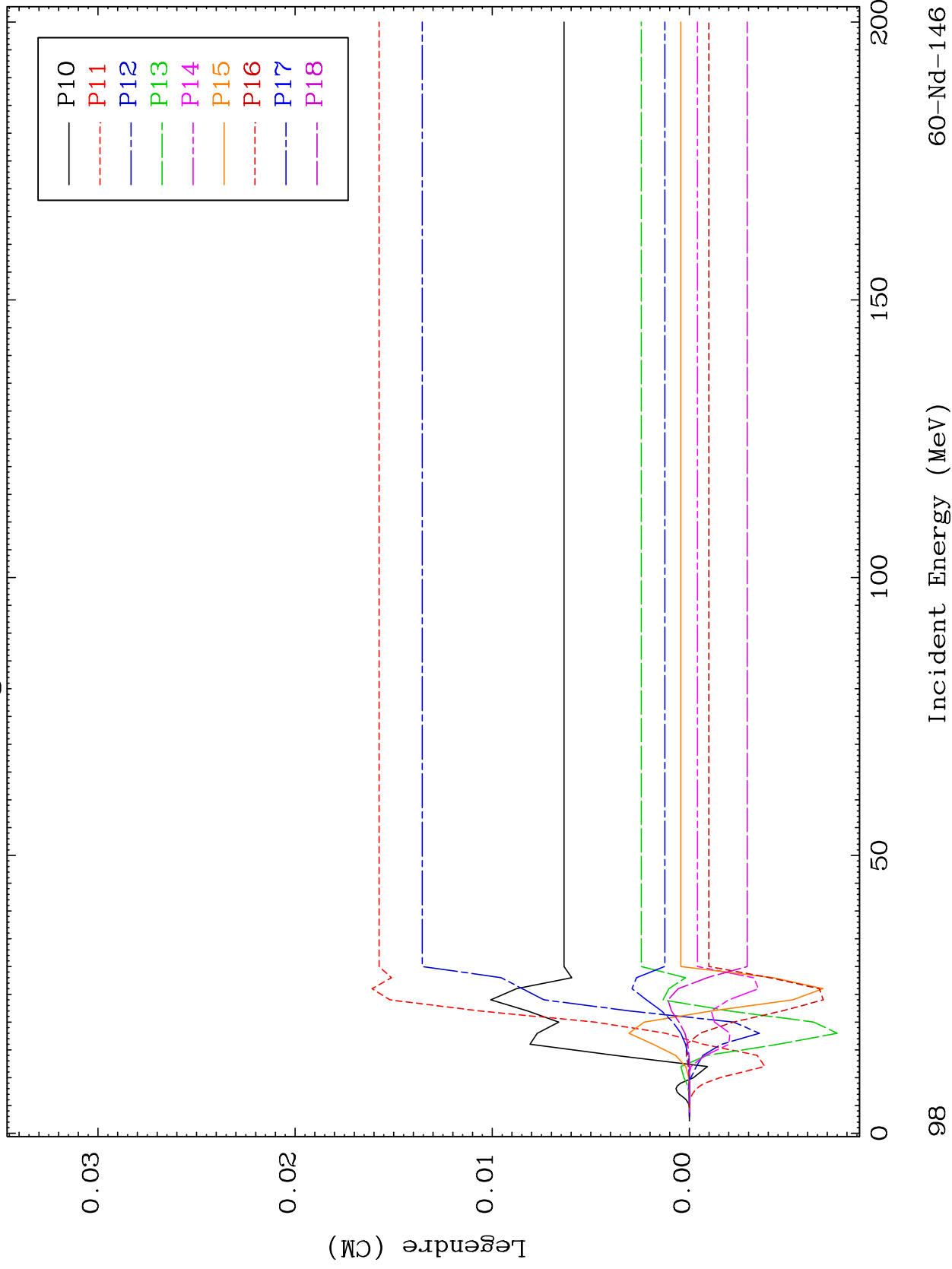
Incident Energy (MeV)

97

MAT 6037

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

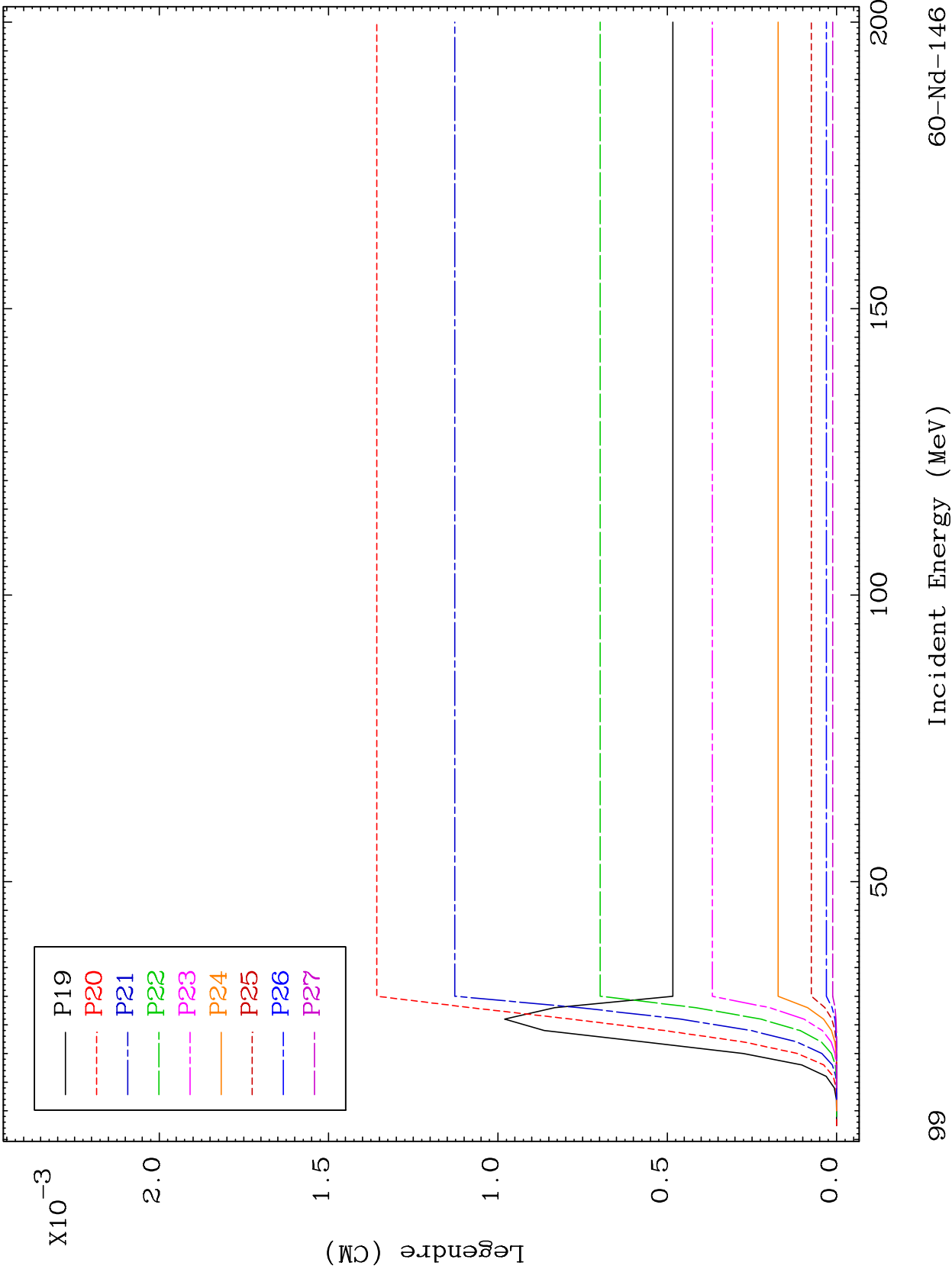
60-Nd-146



60-Nd-146

Incident Energy (MeV)

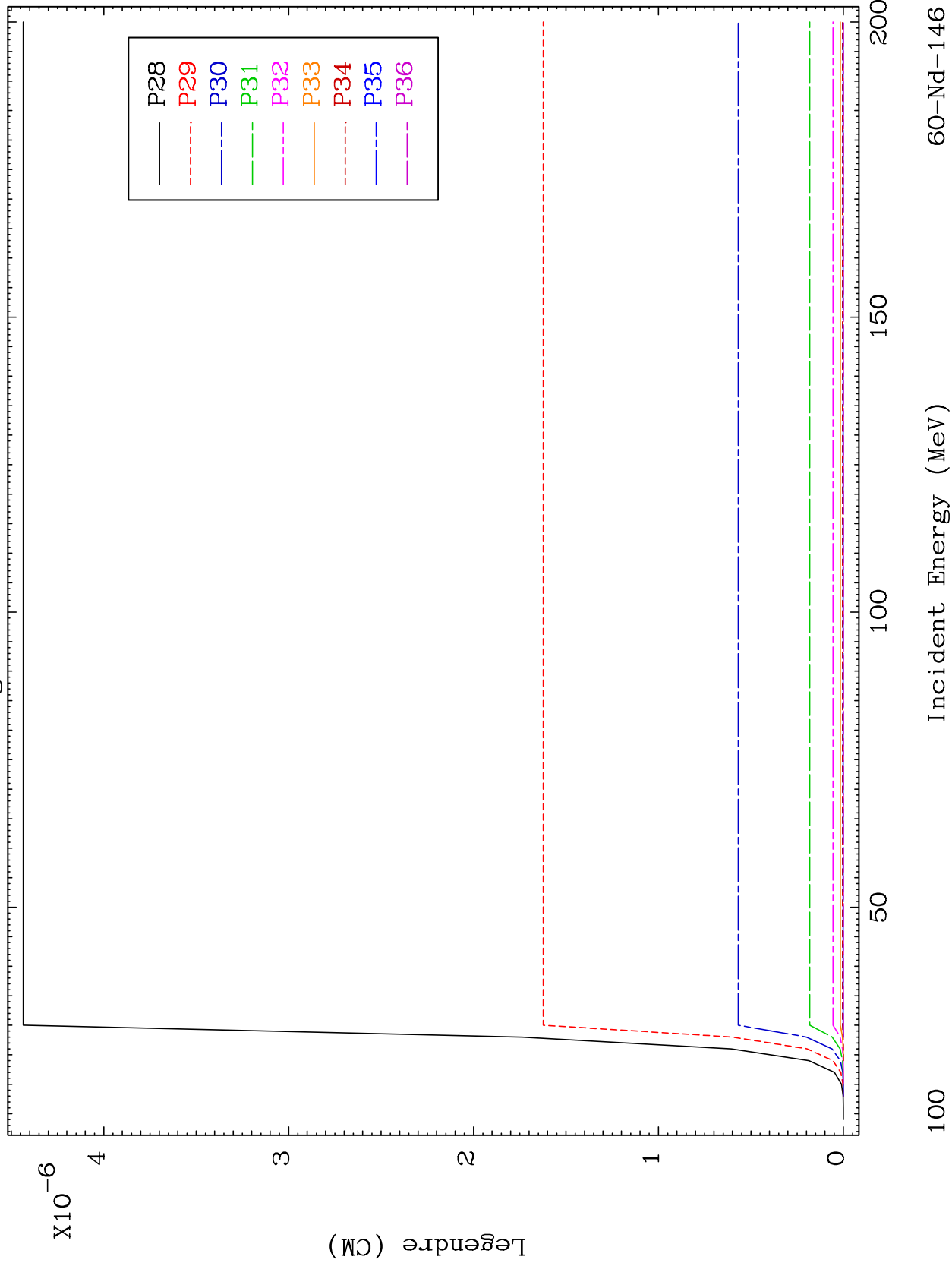
98



MAT 6037

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

60-Nd-146



60-Nd-146

Incident Energy (MeV)

100

200

150

100

50

$10^{-6}$

4

3

2

1

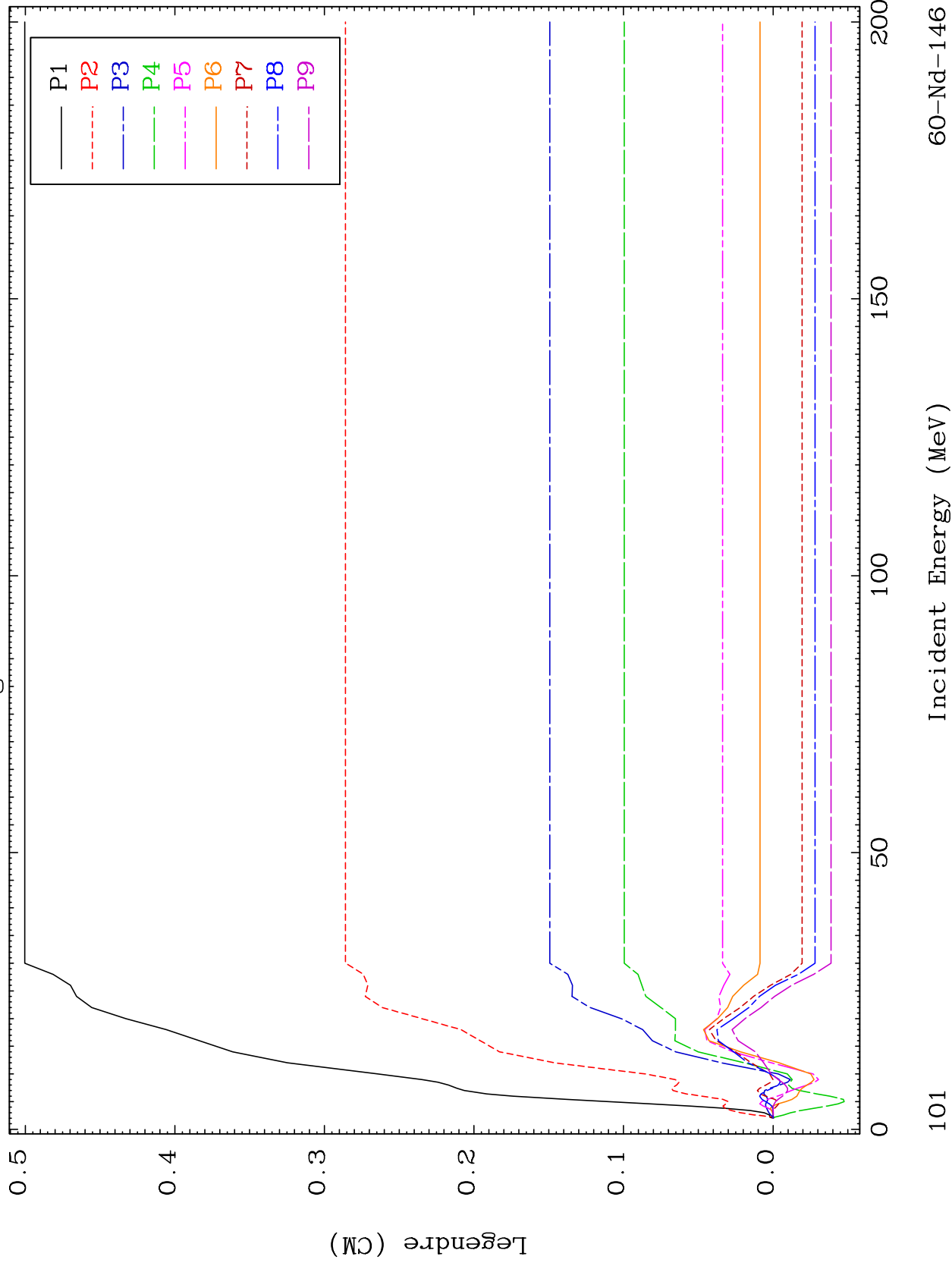
0

Legendre (CM)

MAT 6037

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

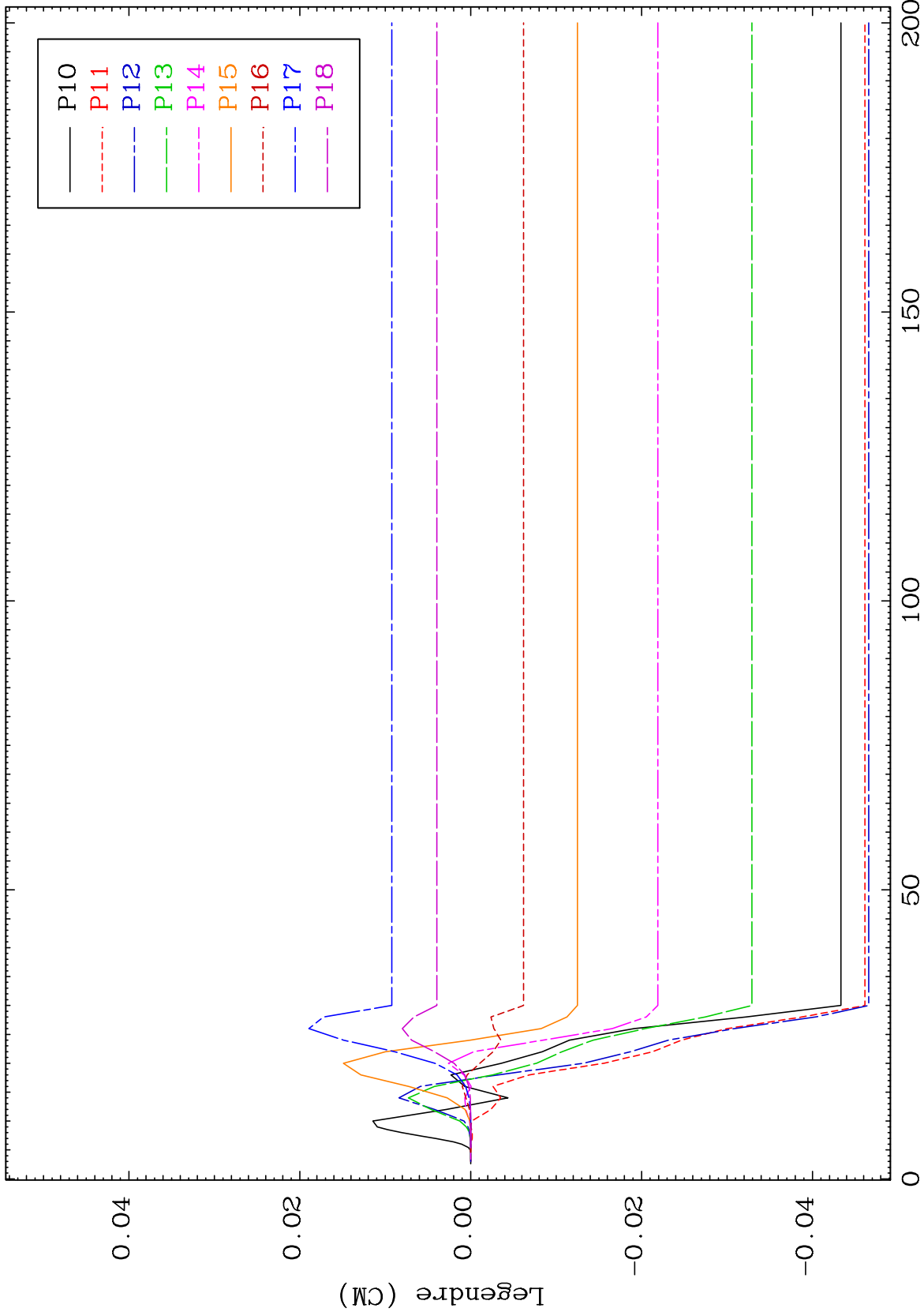
60-Nd-146



MAT 6037

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

60-Nd-146



102

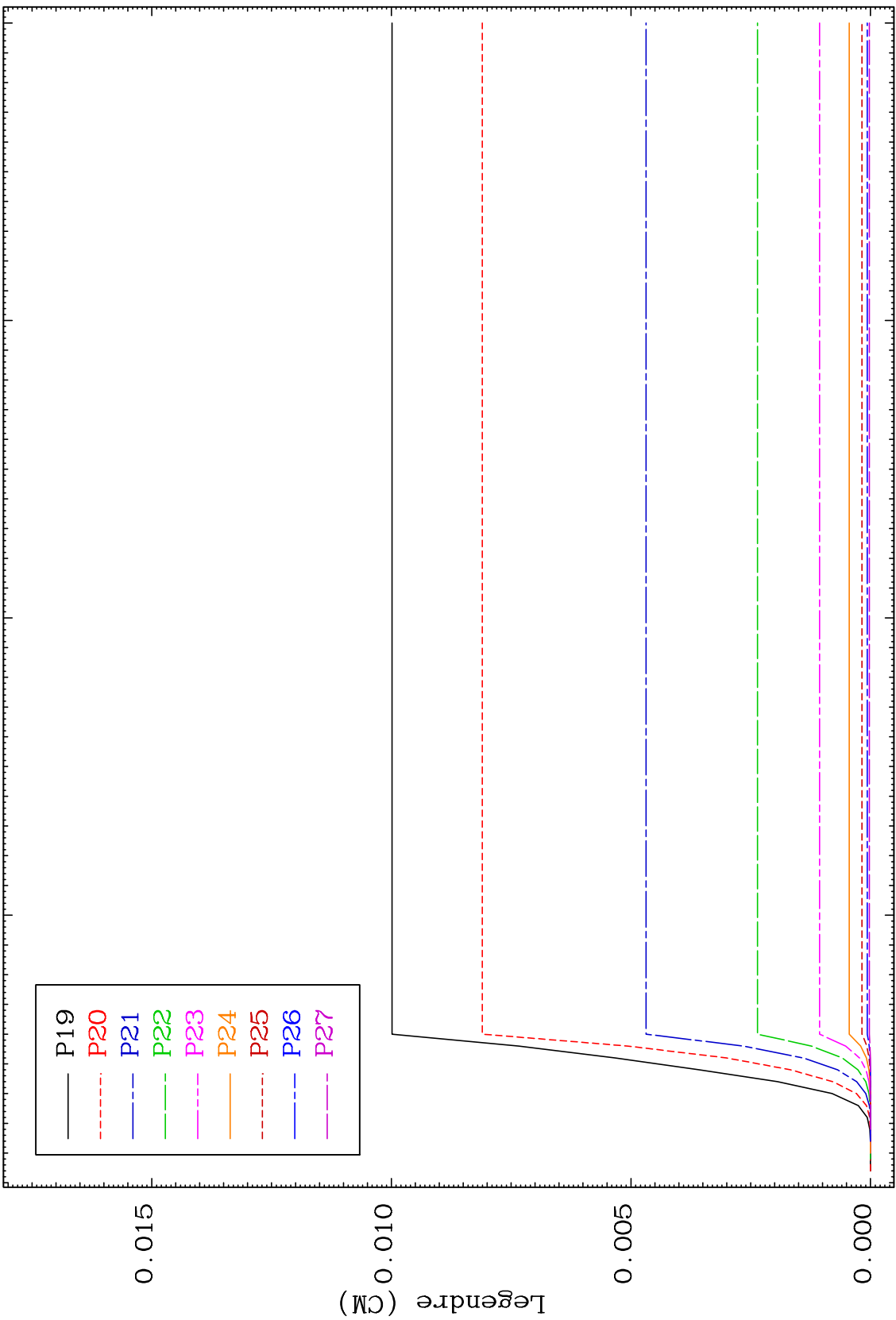
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



103

Incident Energy (MeV)

60-Nd-146

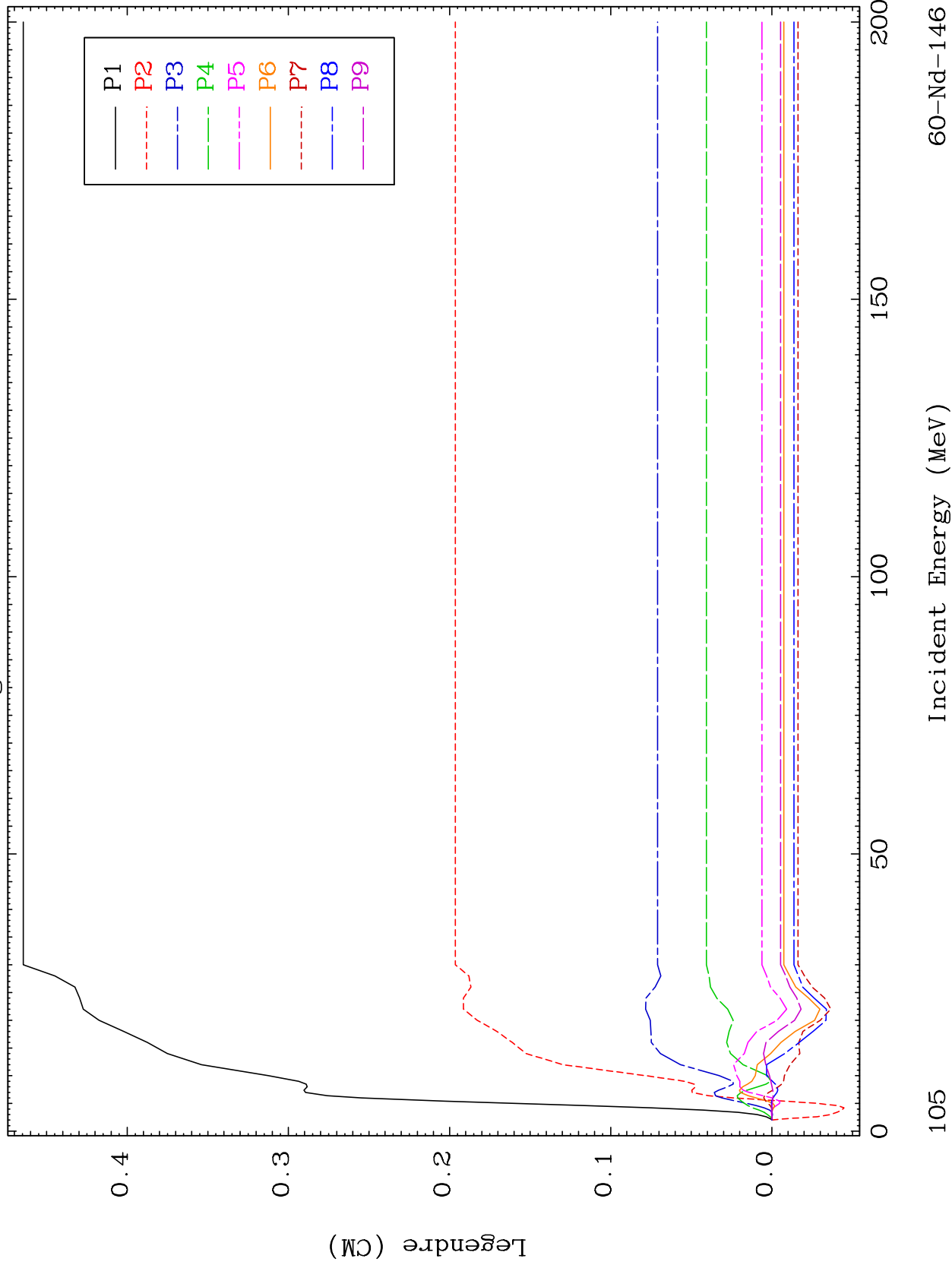




MAT 6037

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

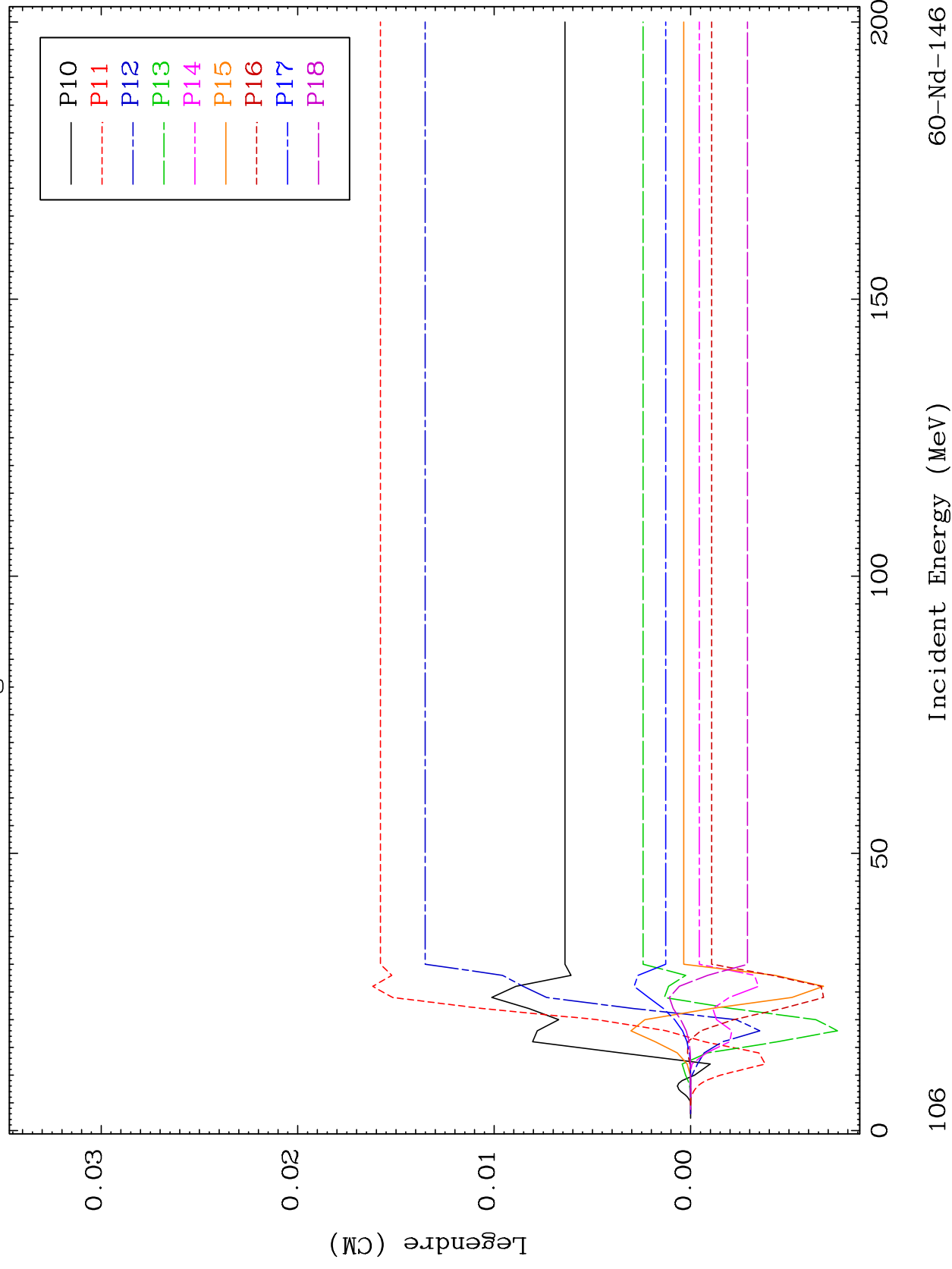
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

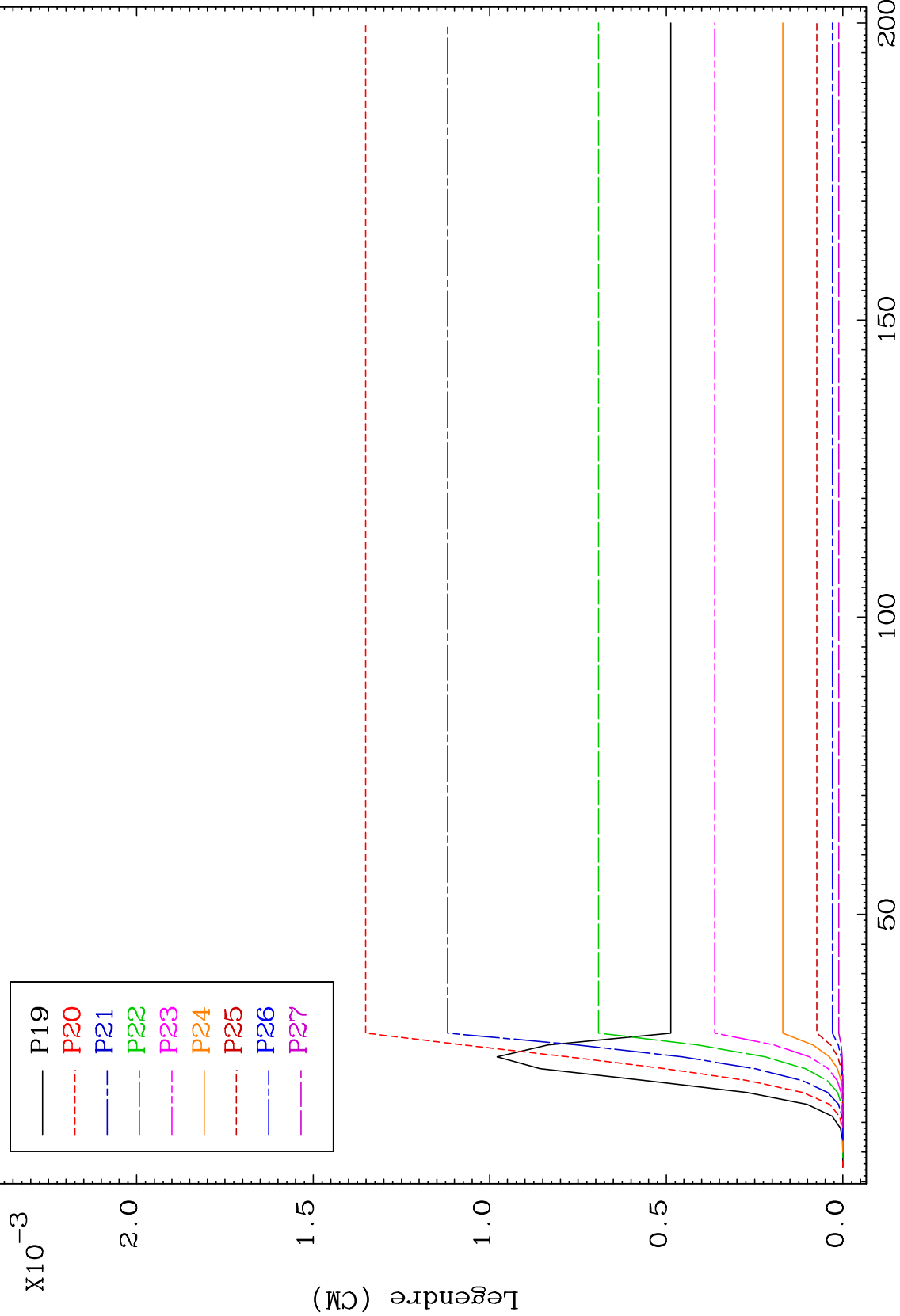
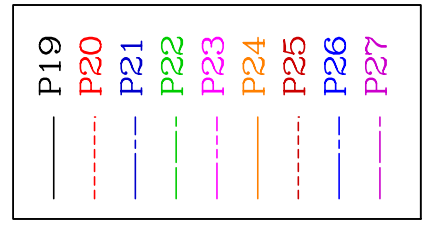
Incident Energy (MeV)

106

MAT 6037

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

60-Nd-146



107

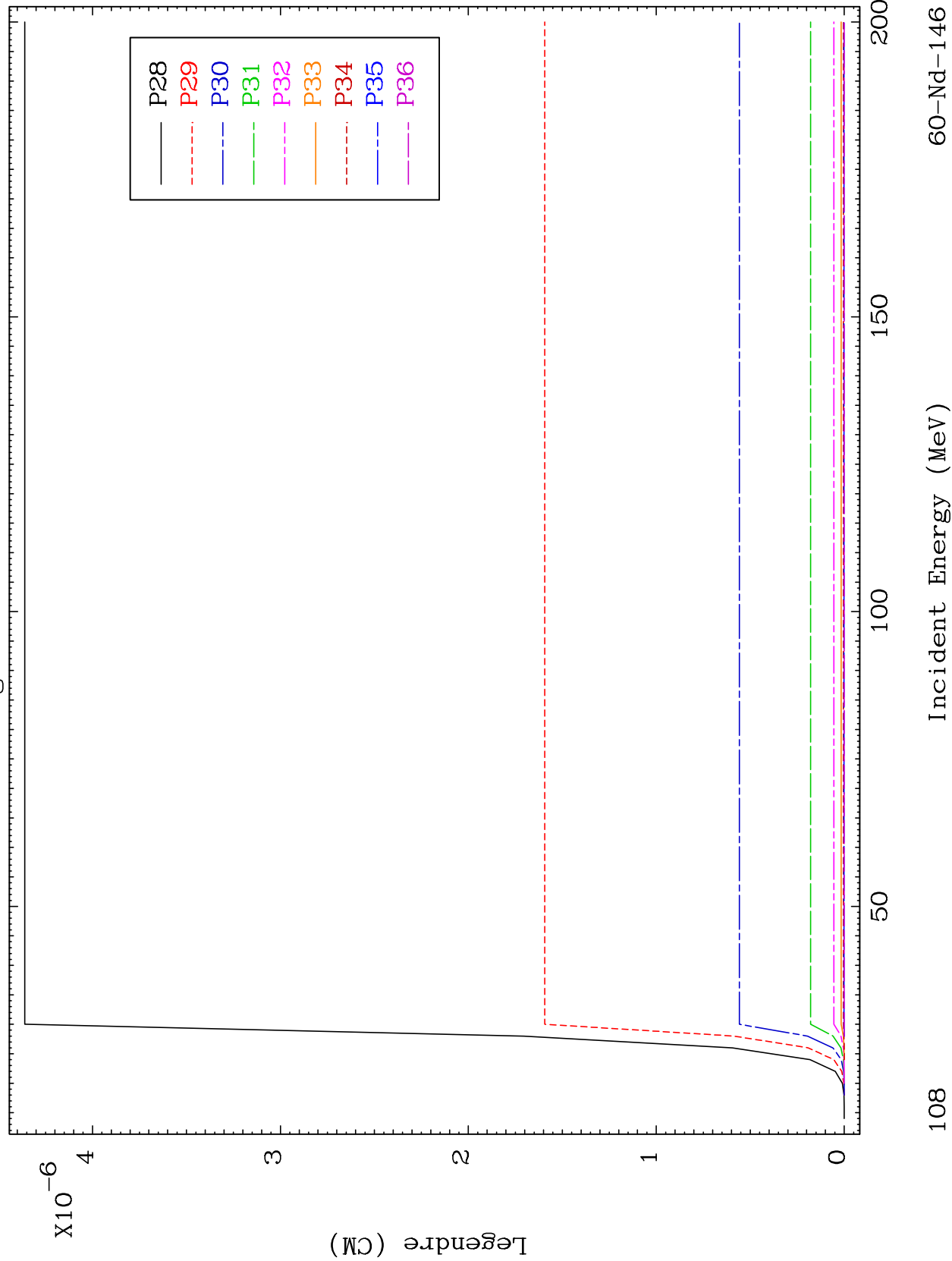
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

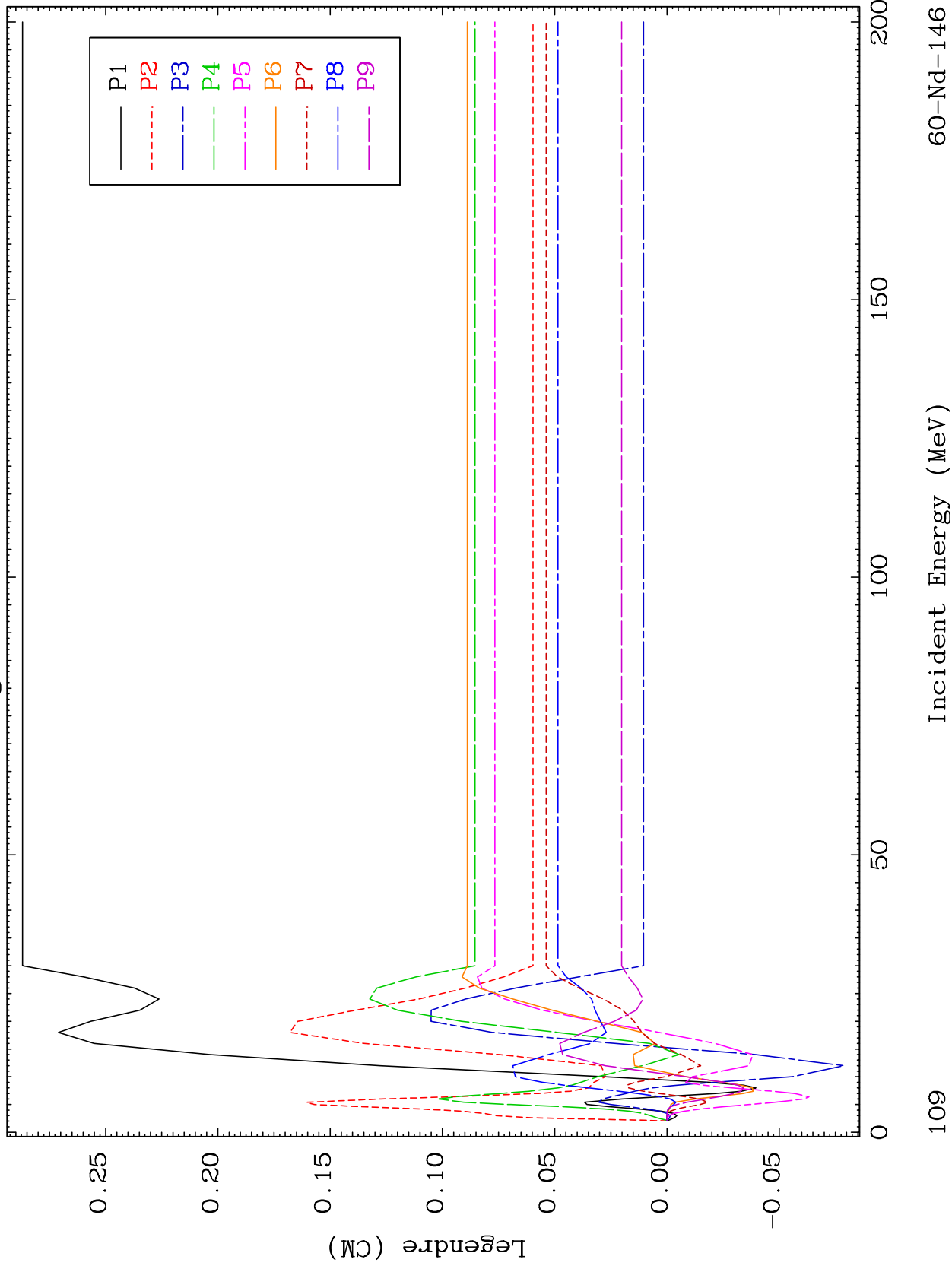
60-Nd-146



MAT 6037

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

60-Nd-146



60-Nd-146

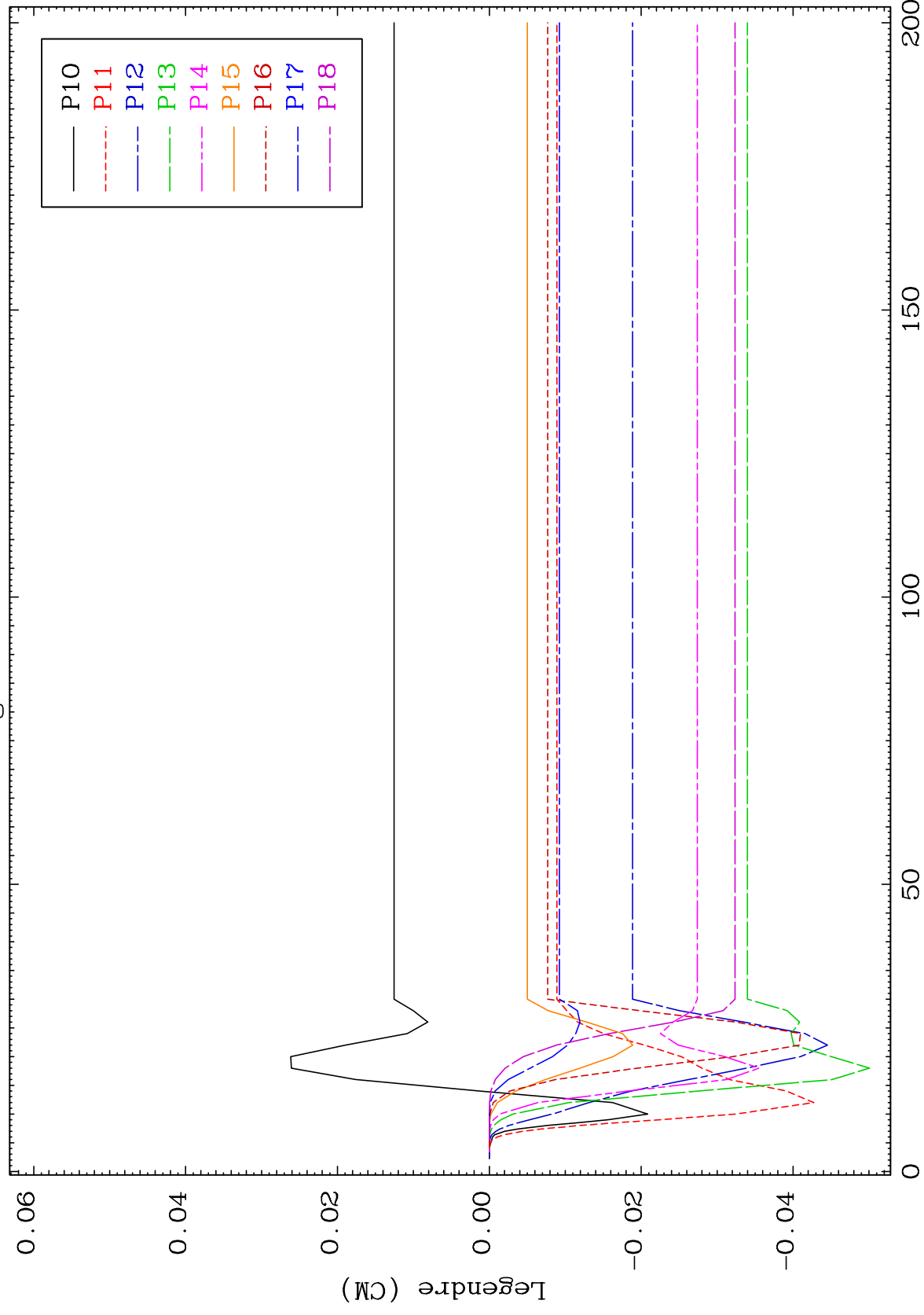
Incident Energy (MeV)

109

MAT 6037

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

60-Nd-146



60-Nd-146

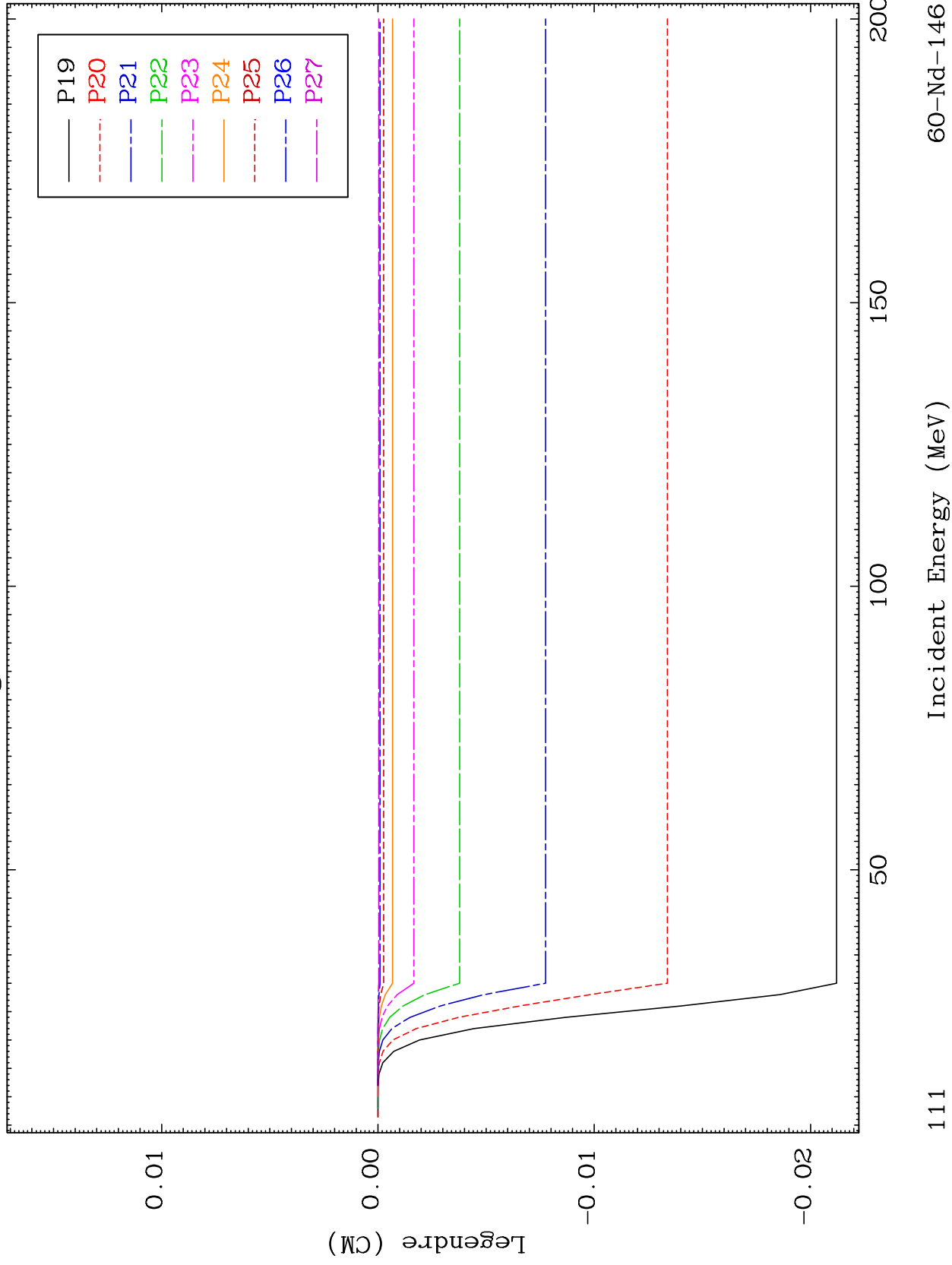
Incident Energy (MeV)

110

MAT 6037

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

60-Nd-146

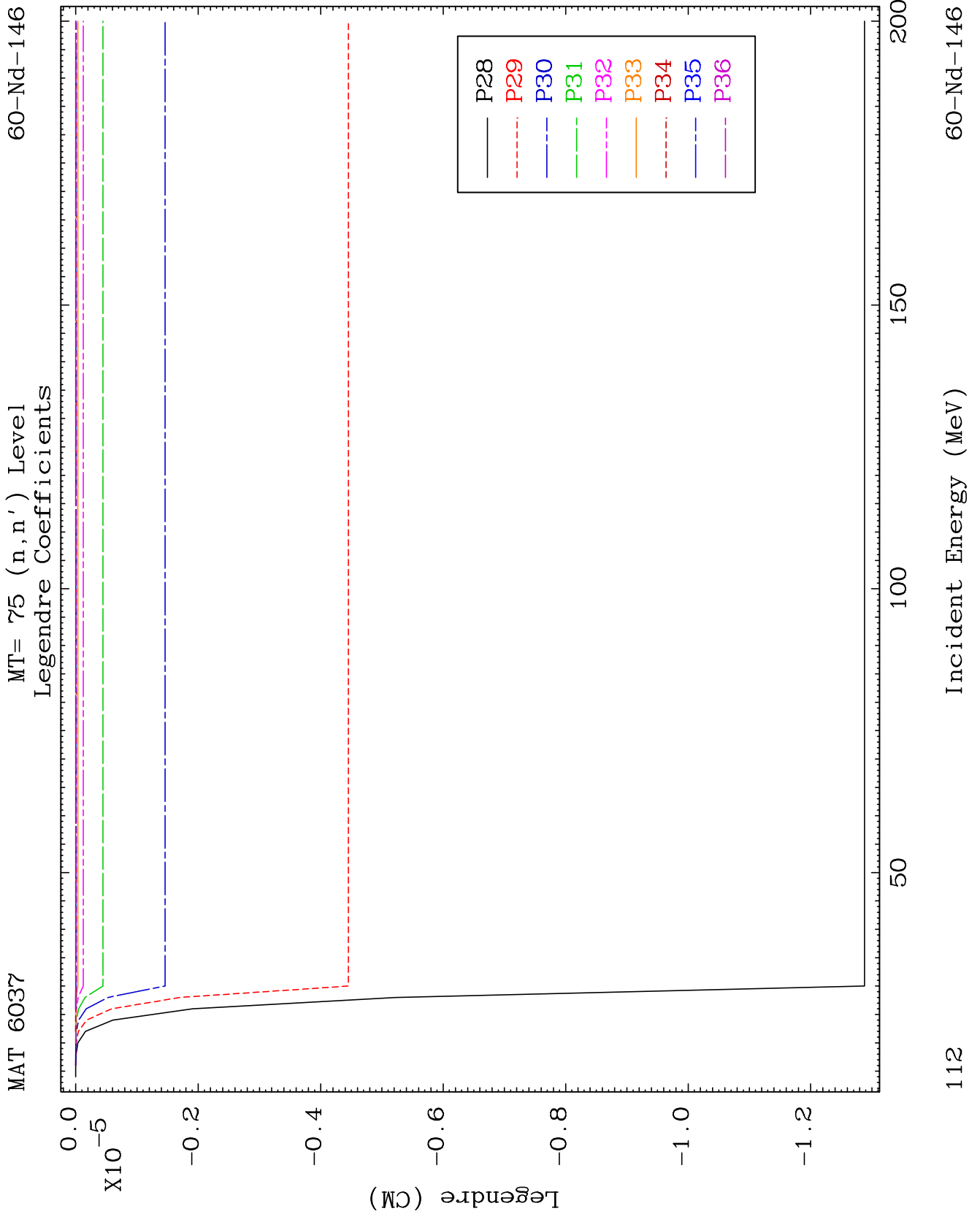


111

Incident Energy (MeV)

60-Nd-146

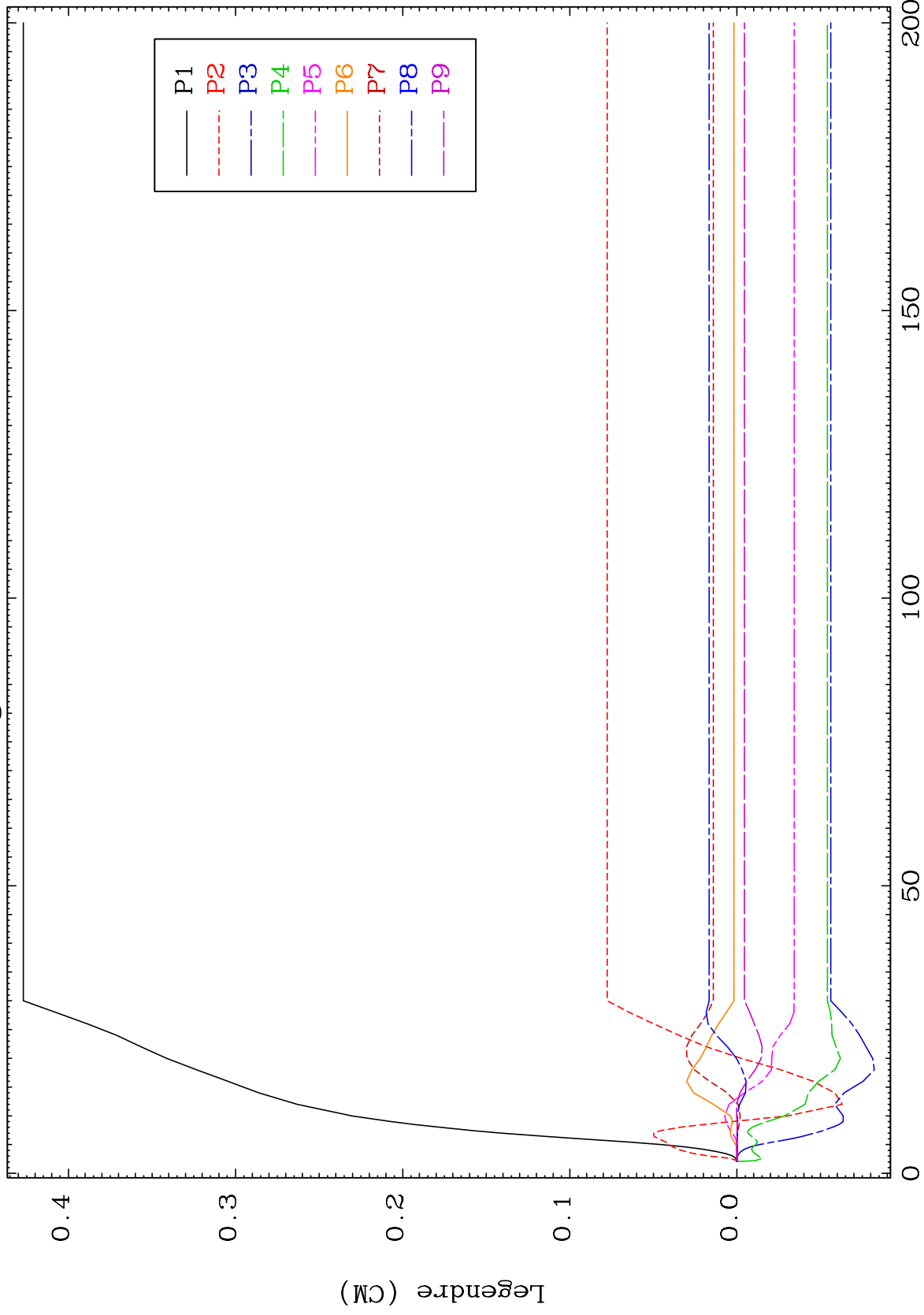




MAT 6037

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

60-Nd-146



113

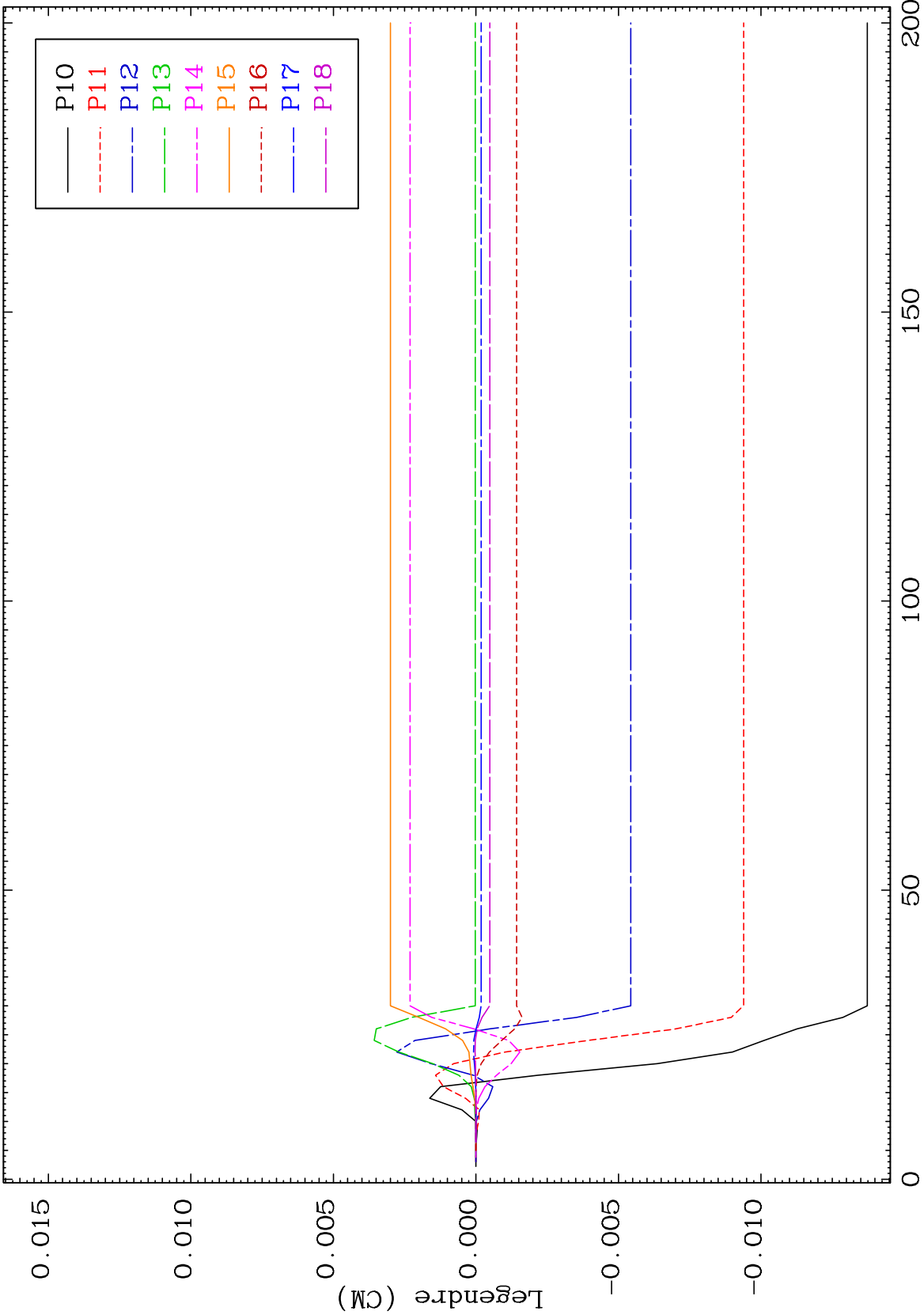
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



114

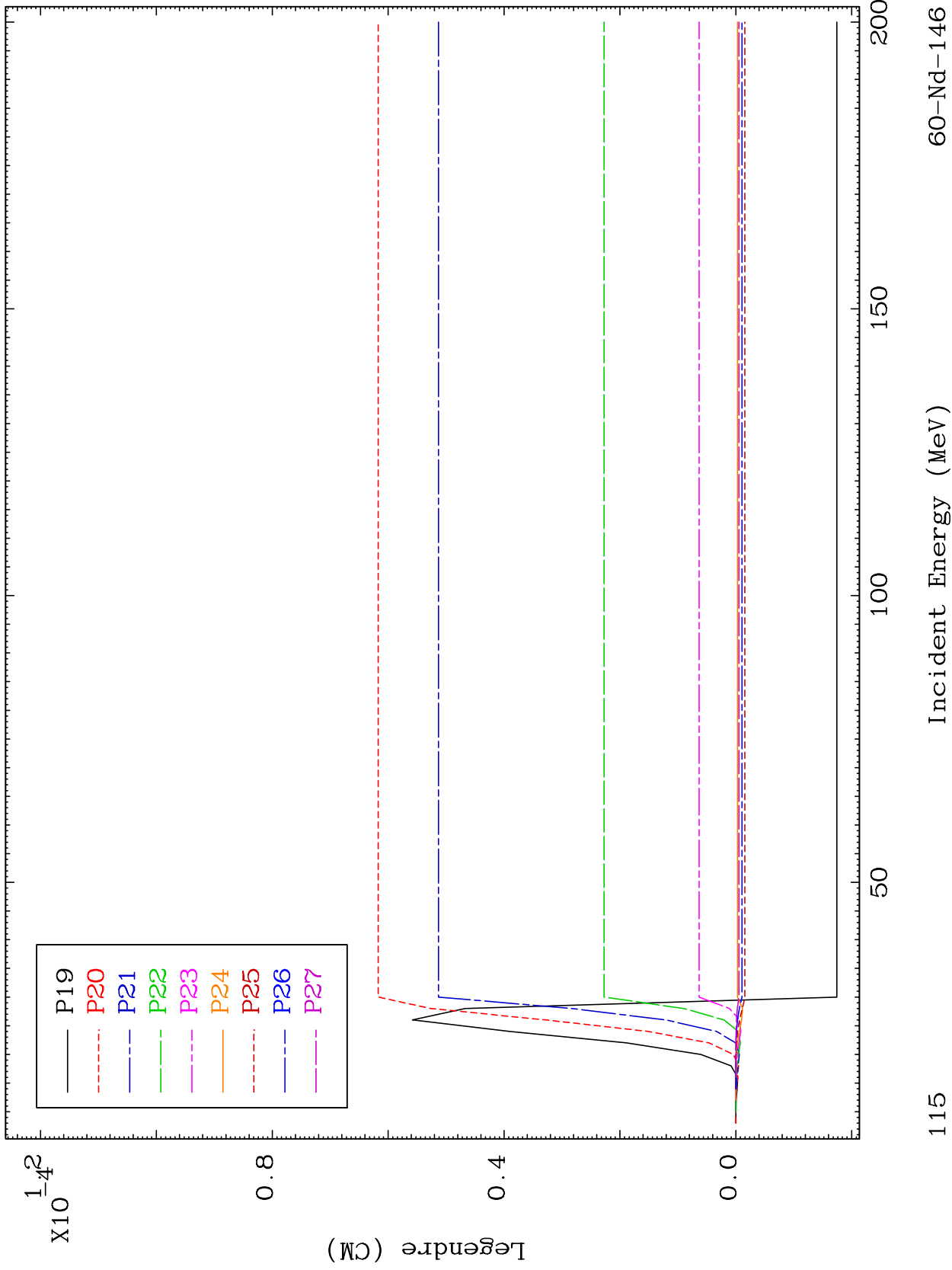
Incident Energy (MeV)

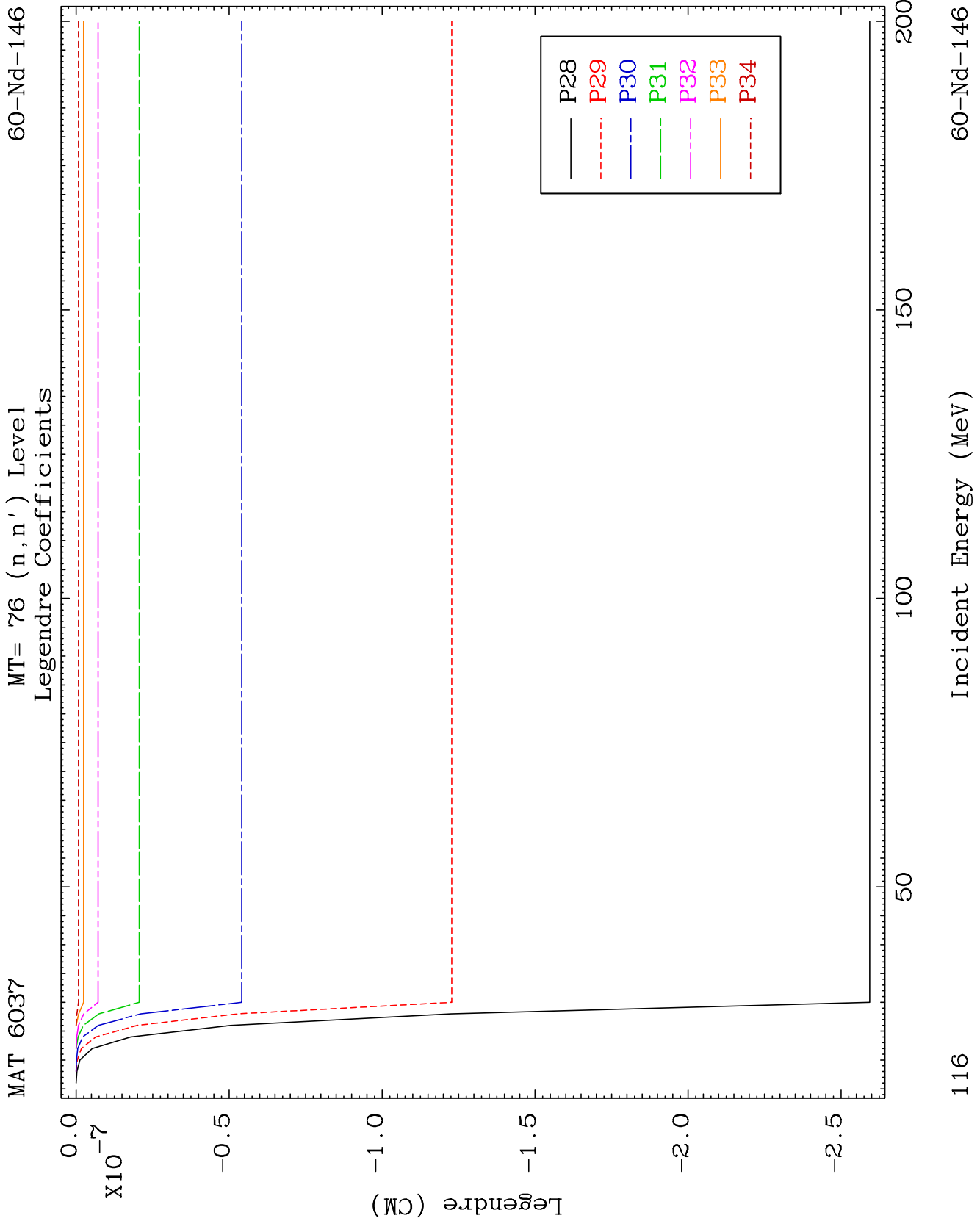
60-Nd-146

MAT 6037

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

60-Nd-146

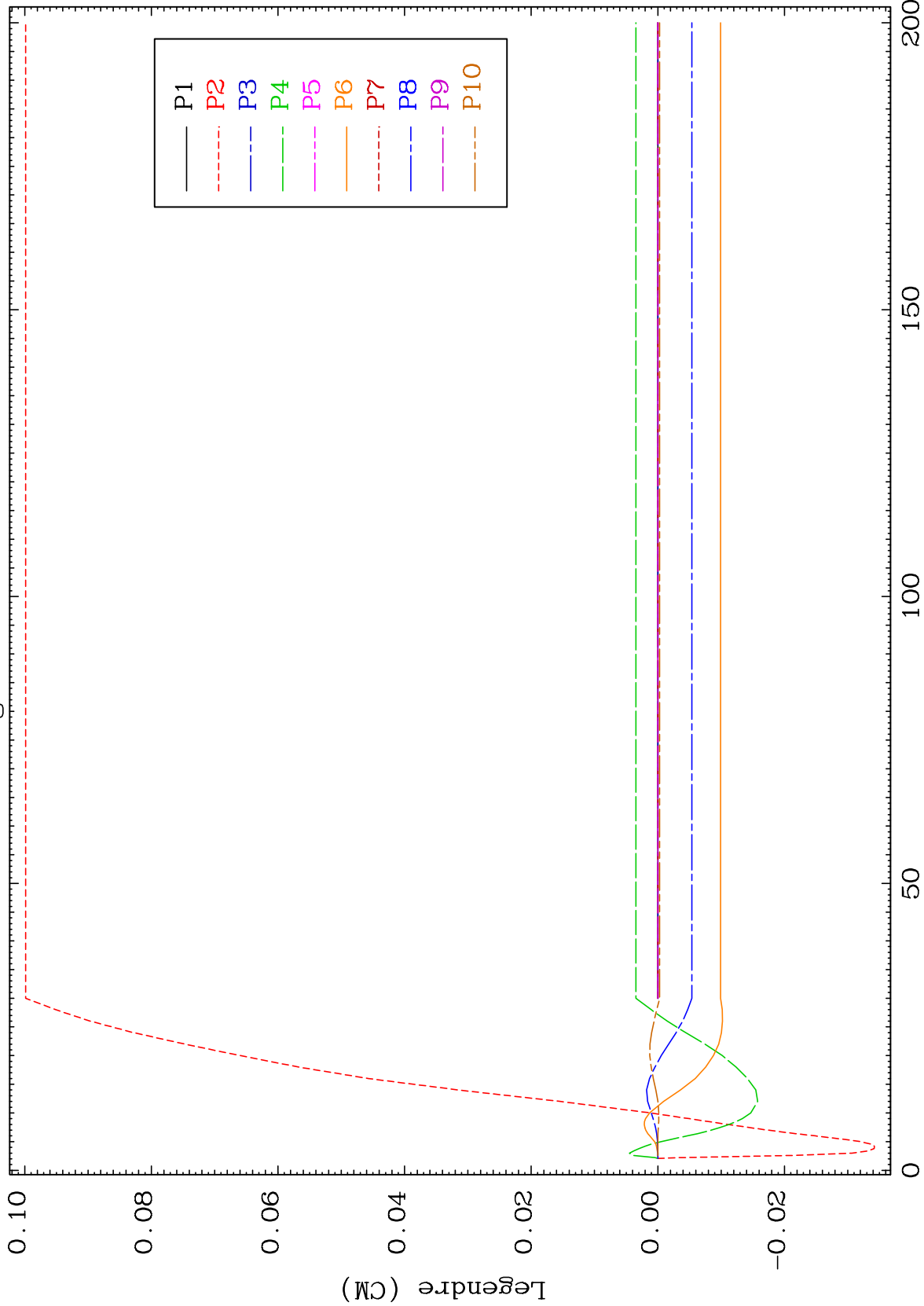




MAT 6037

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

60-Nd-146



117

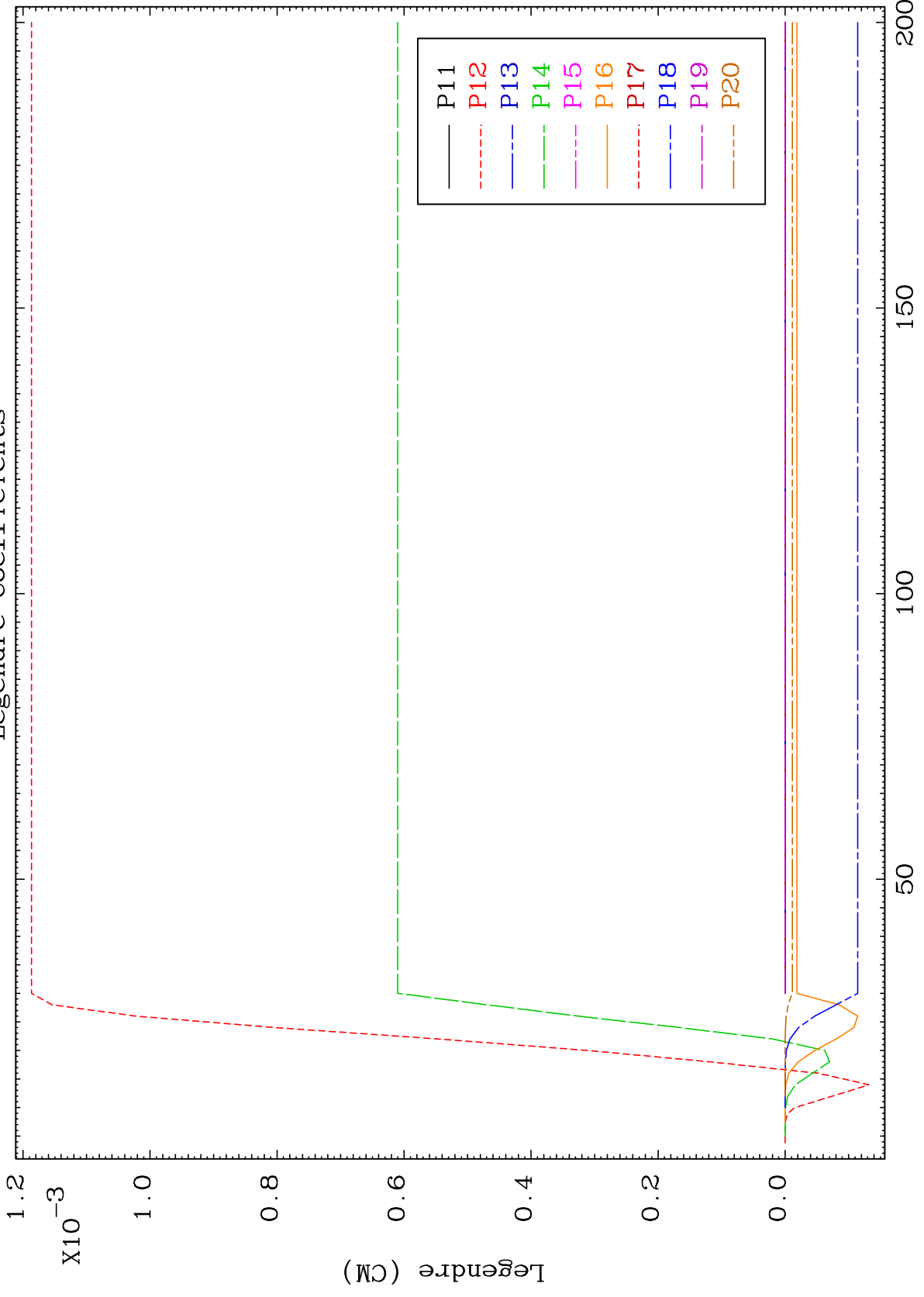
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



118

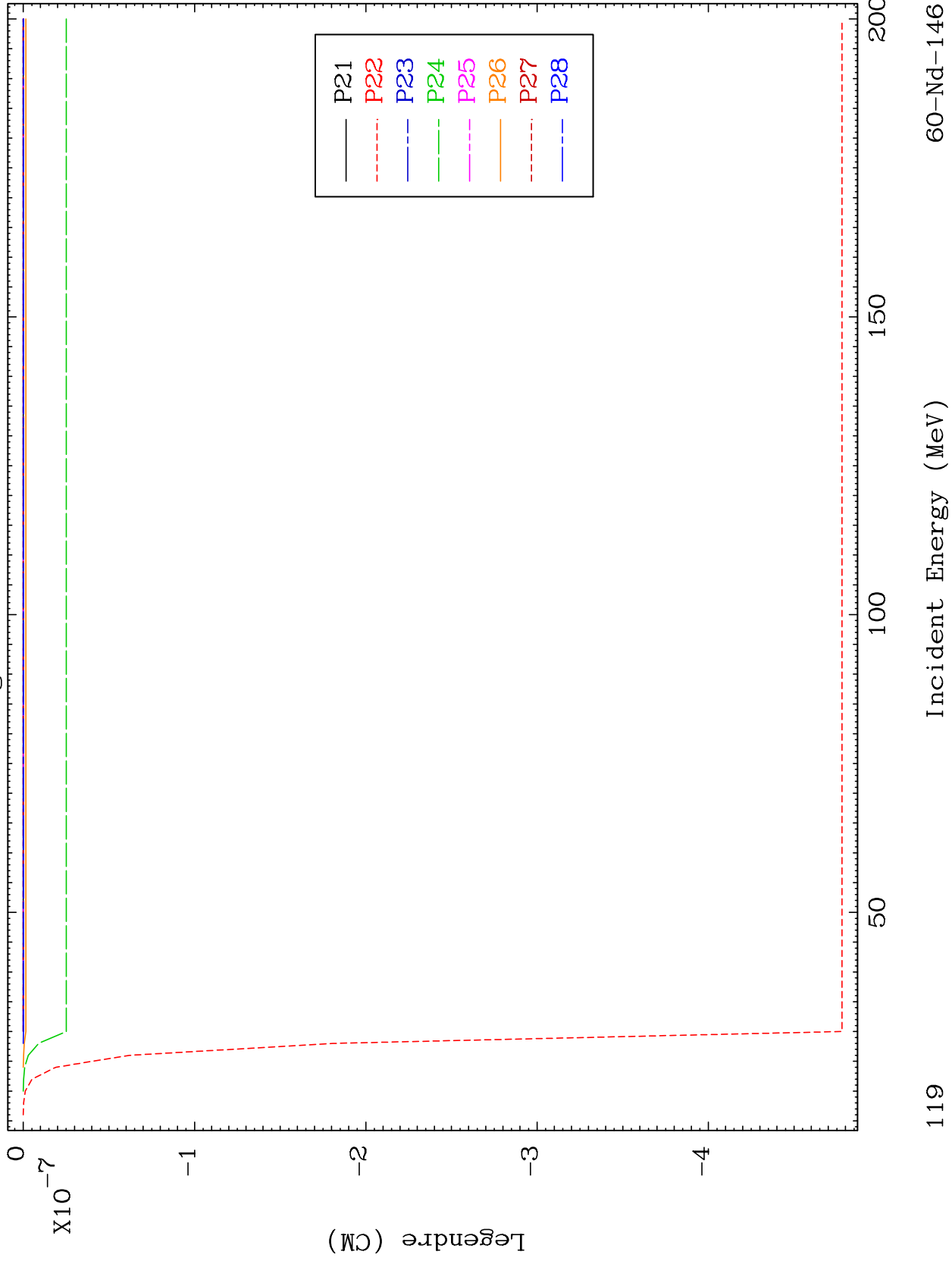
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

60-Nd-146



119

Incident Energy (MeV)

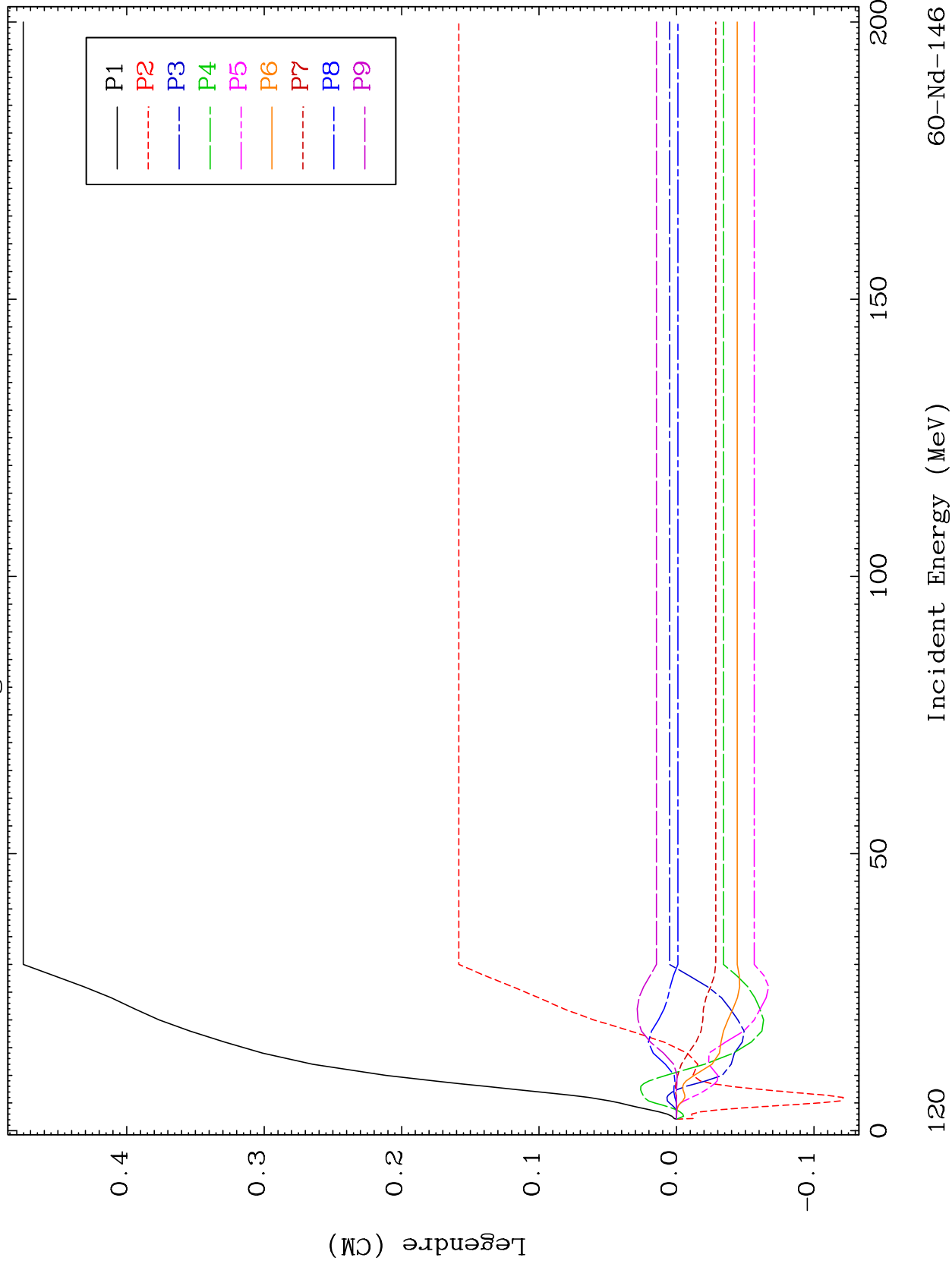
60-Nd-146



MAT 6037

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

60-Nd-146

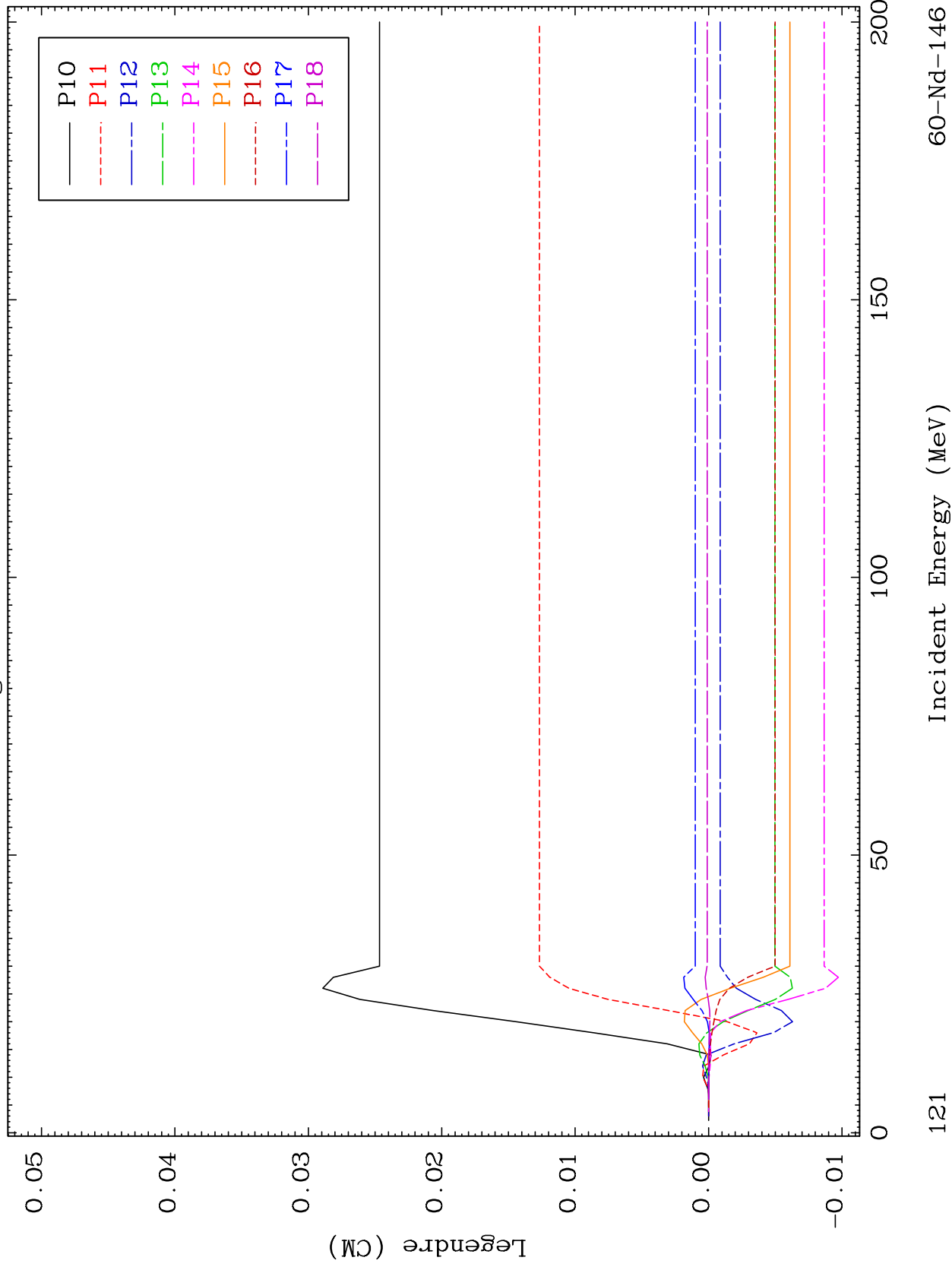


60-Nd-146

MAT 6037

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

60-Nd-146



121

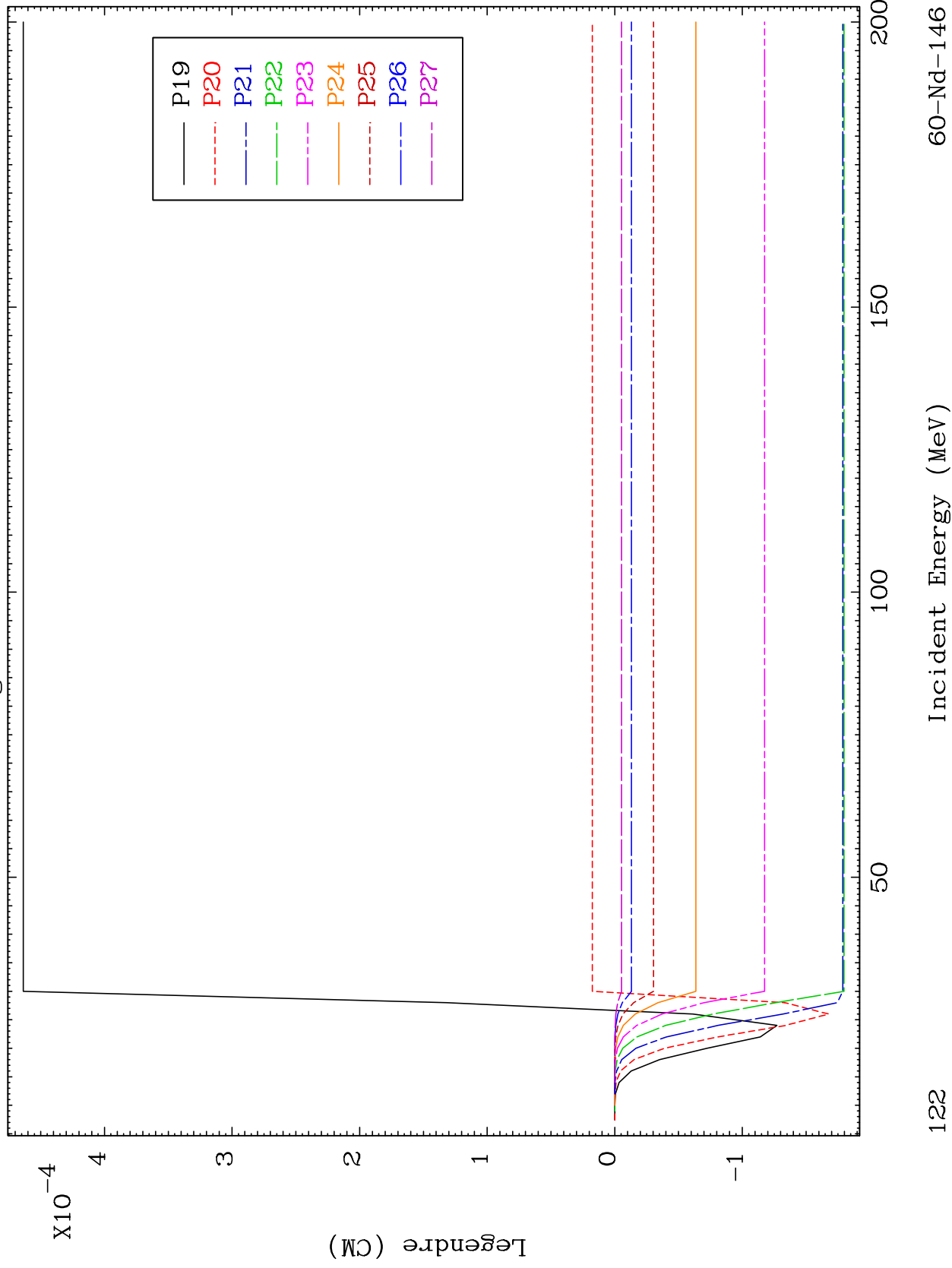
Incident Energy (MeV)

60-Nd-146

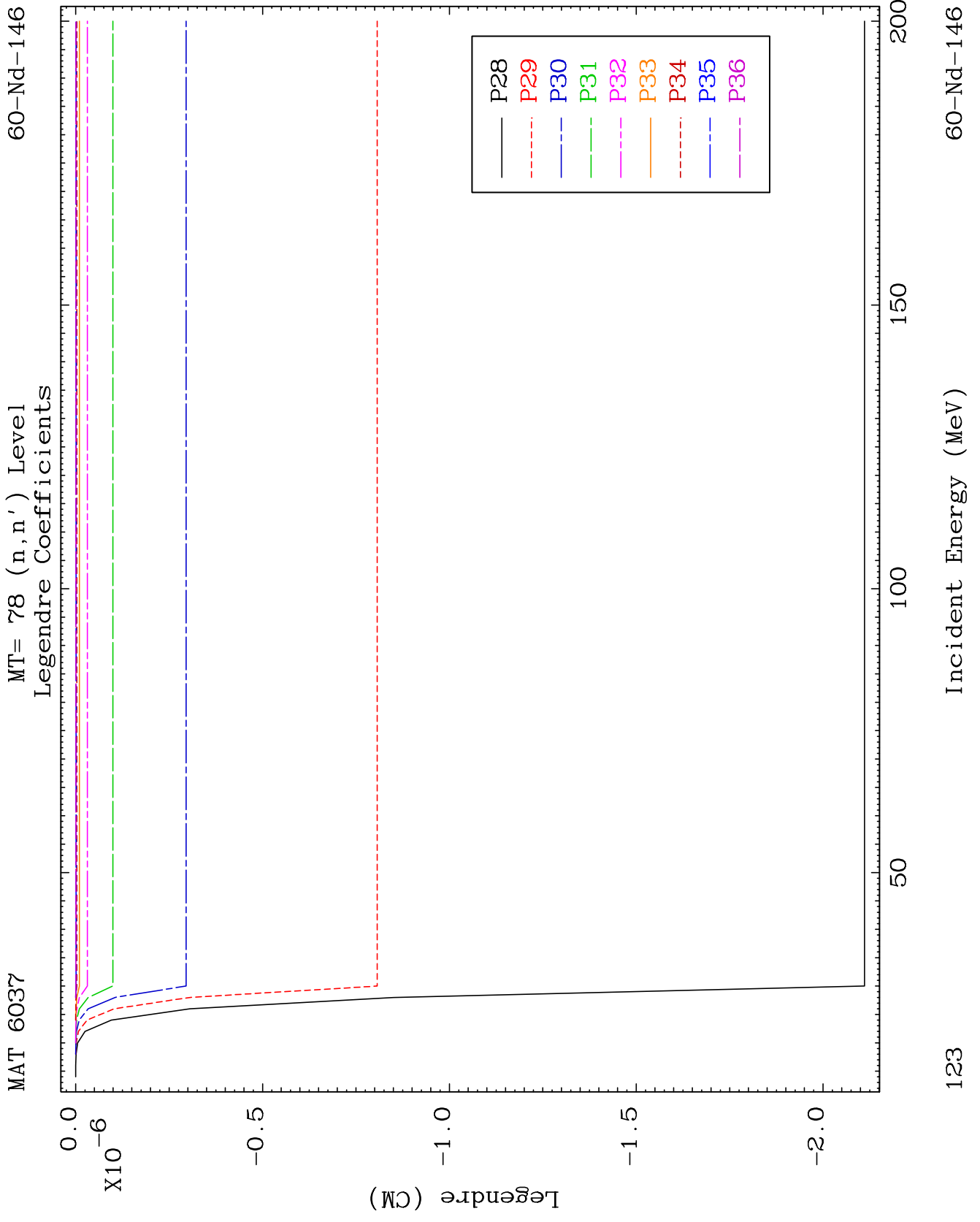
MAT 6037

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

60-Nd-146



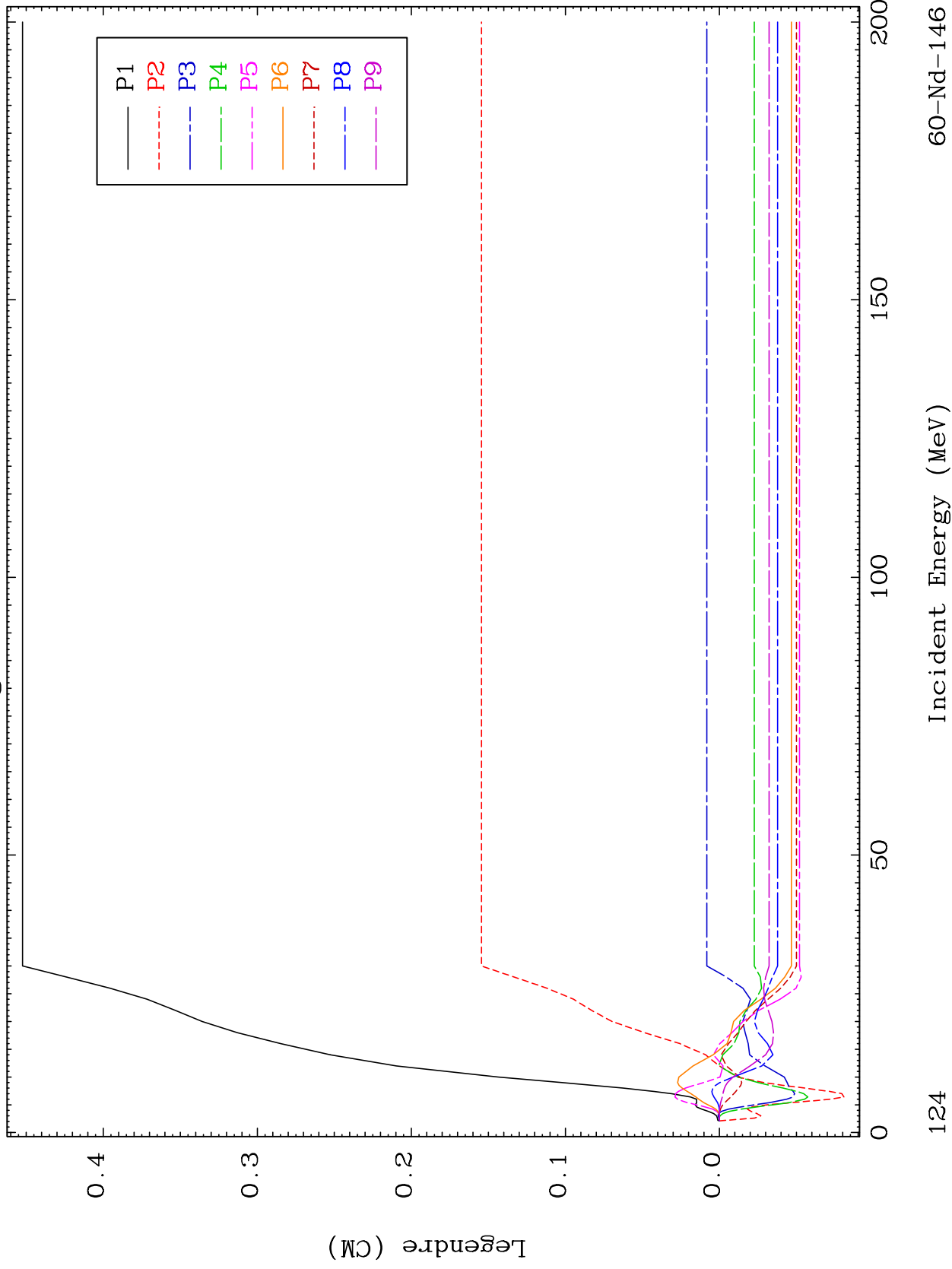
122



MAT 6037

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

60-Nd-146



60-Nd-146

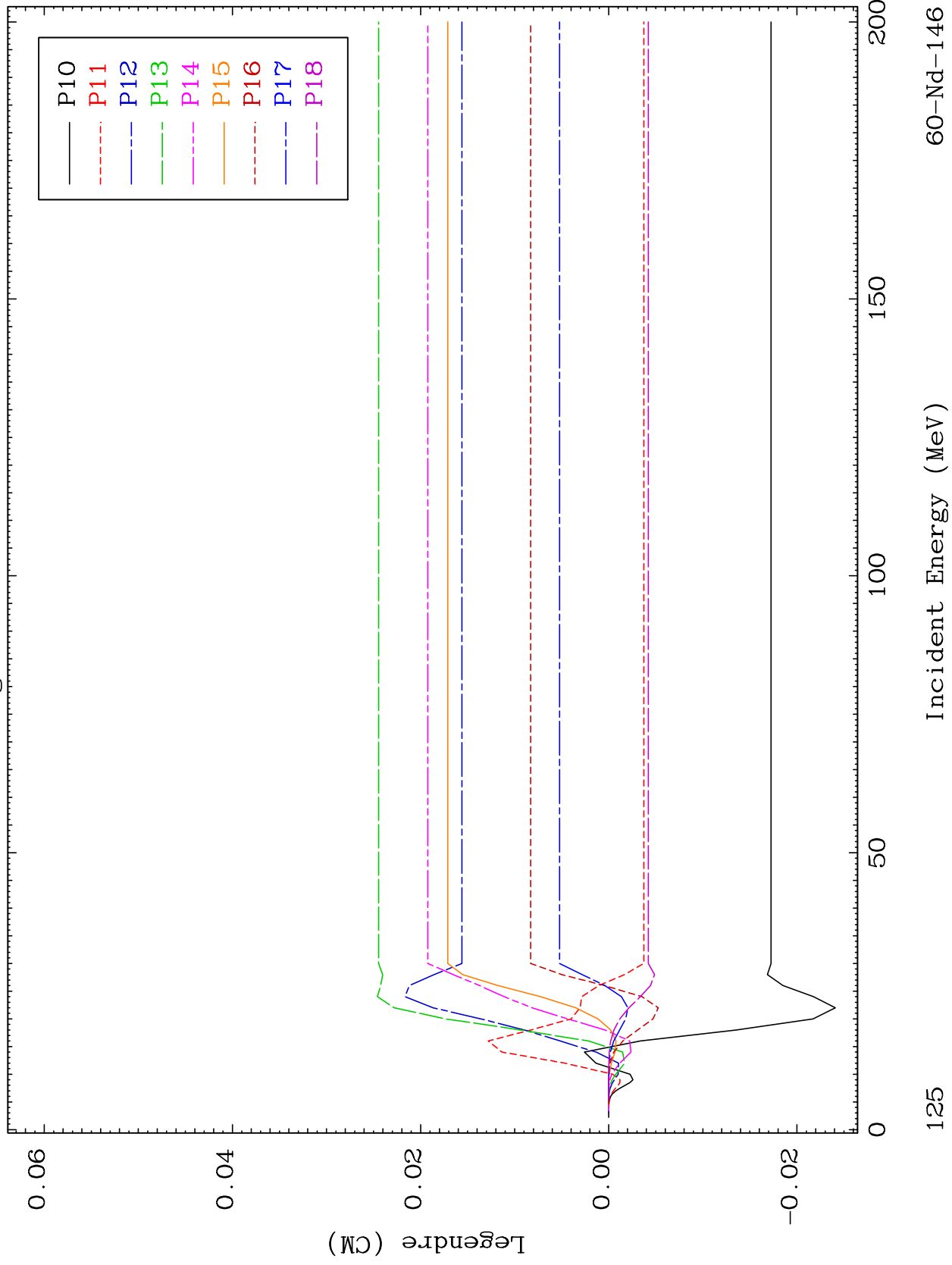
Incident Energy (MeV)

124

MAT 6037

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

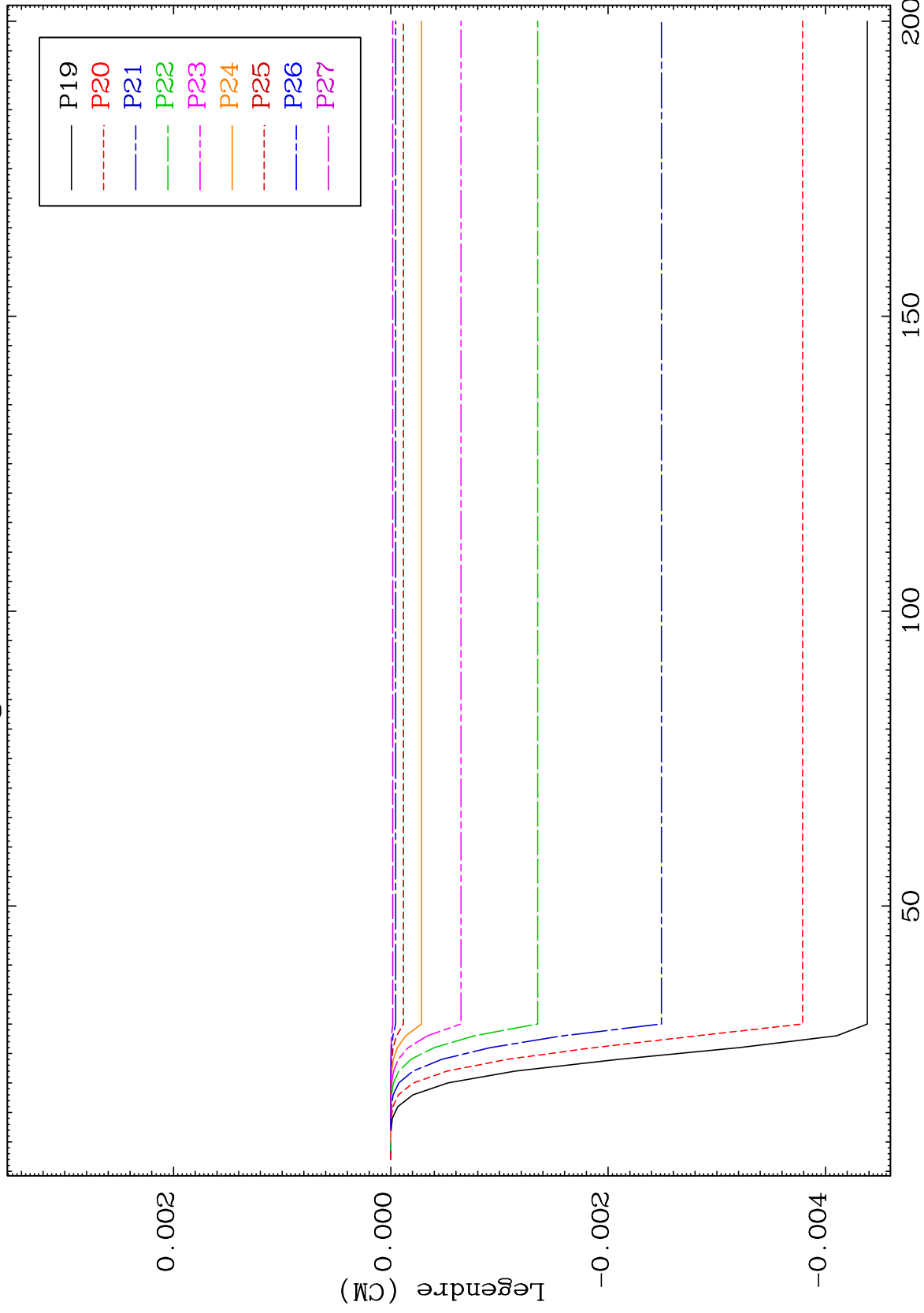
60-Nd-146



MAT 6037

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

60-Nd-146



126

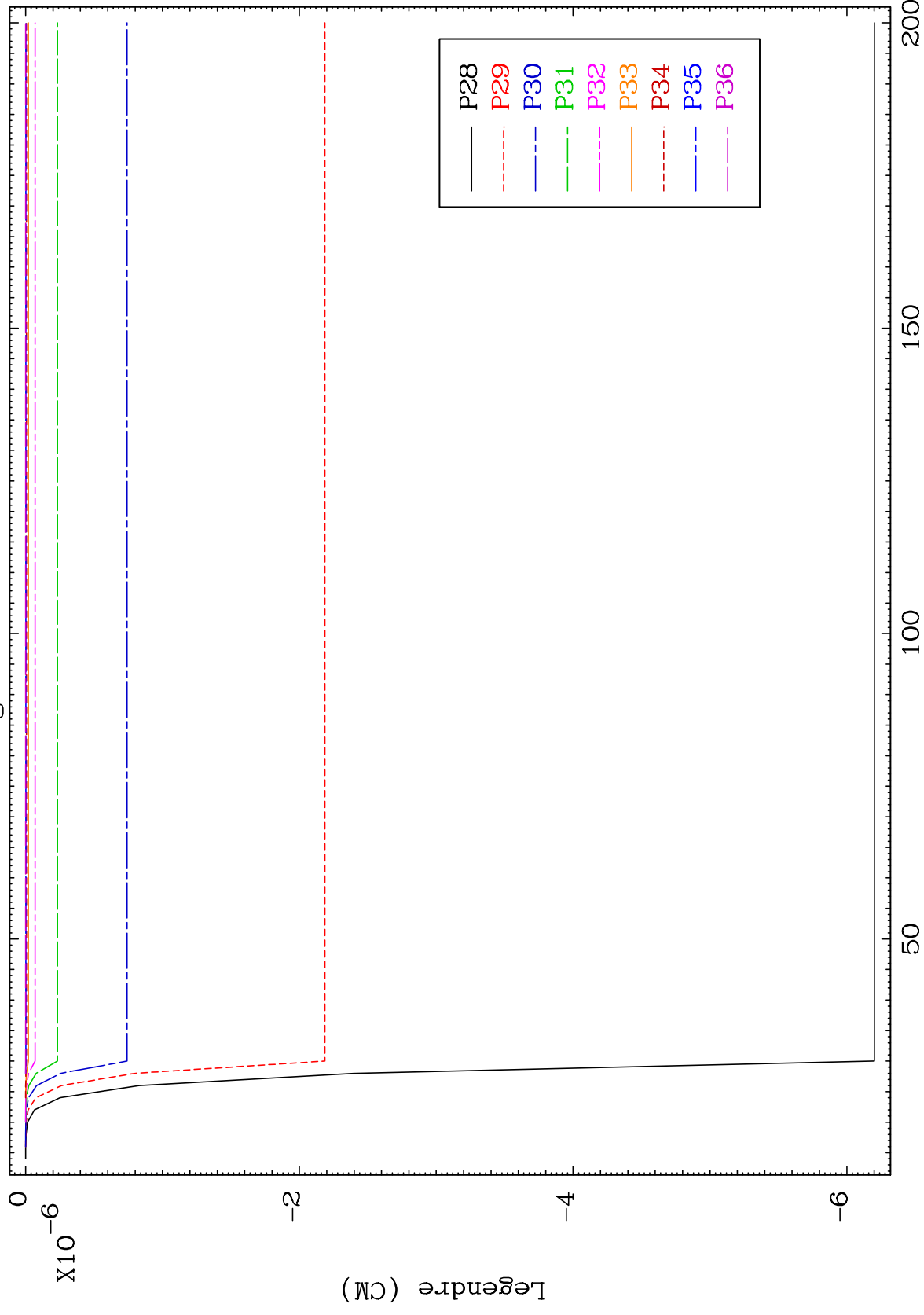
Incident Energy (MeV)

60-Nd-146

MAT 6037

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

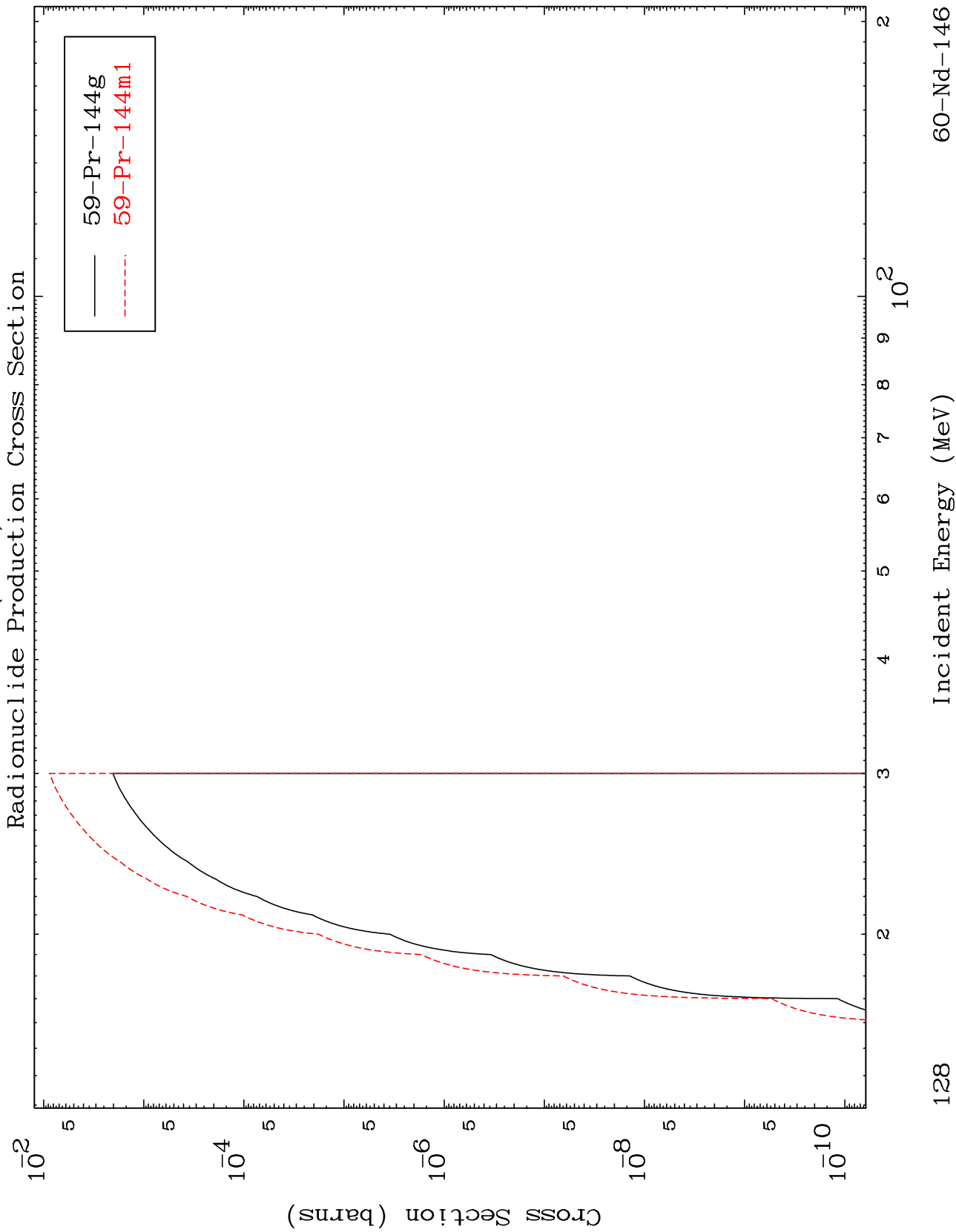
60-Nd-146



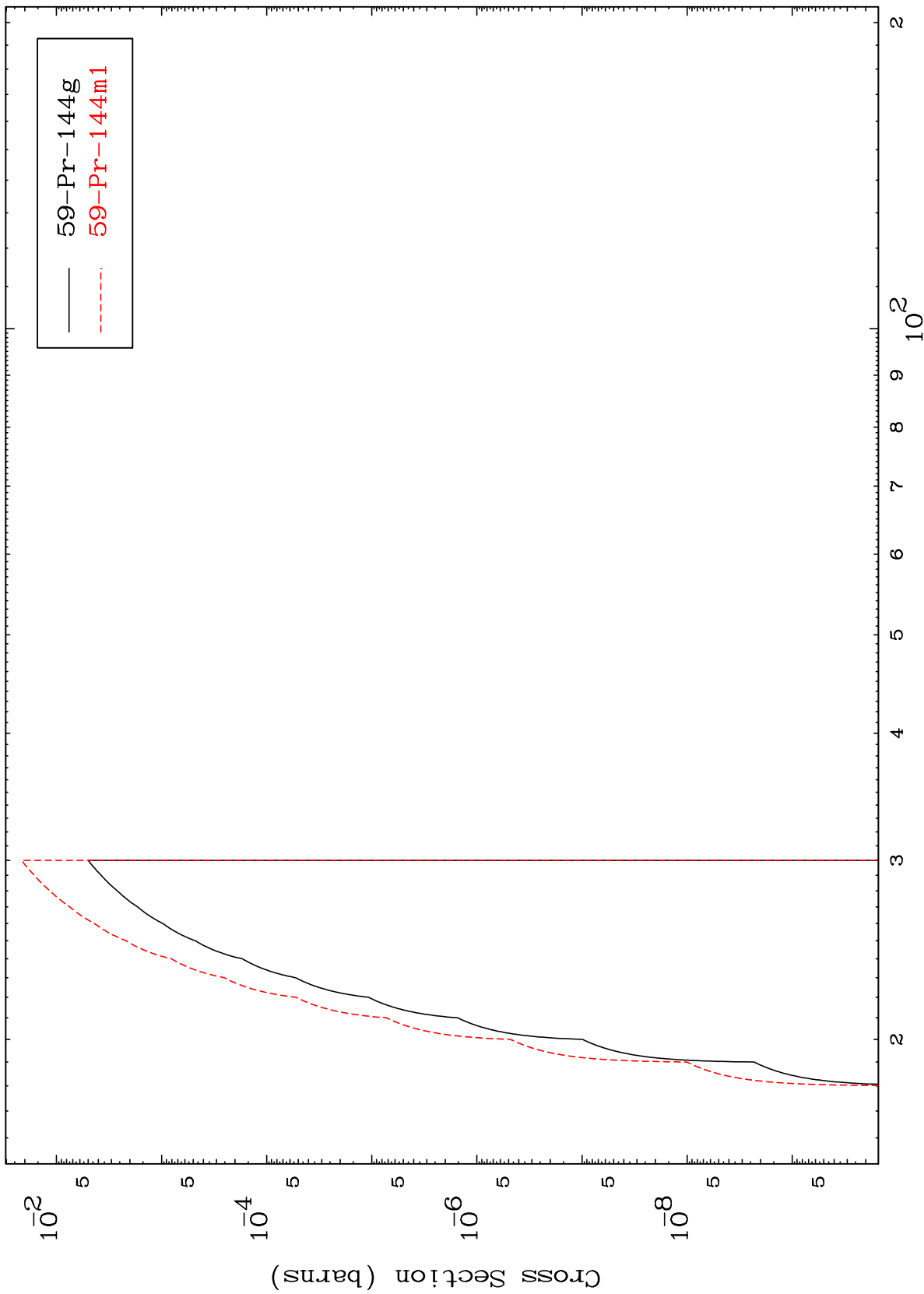
127

60-Nd-146





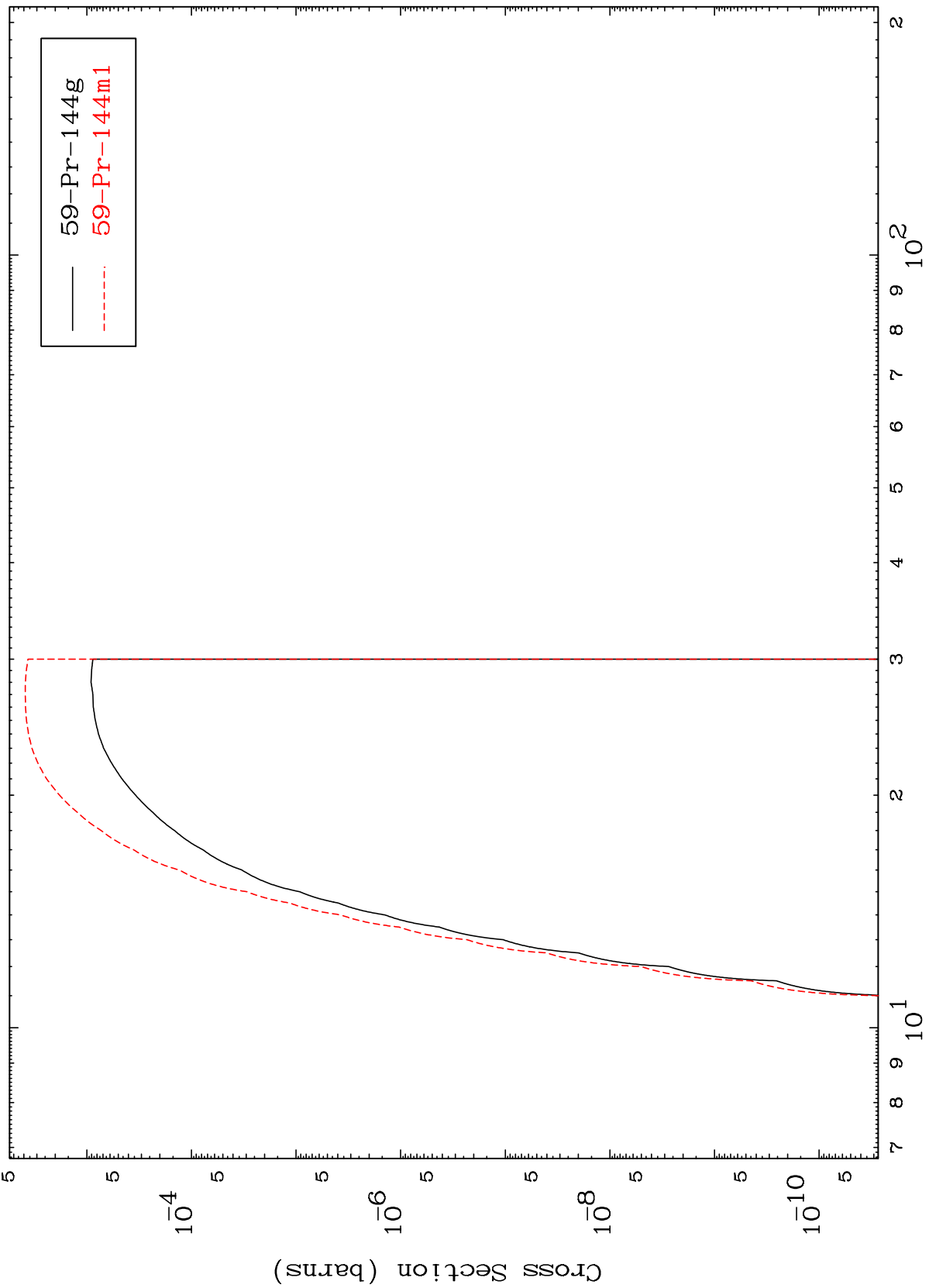
Radionuclide Production Cross Section



MAT 6037

60-Nd-146

(n, t)  
Radionuclide Production Cross Section



130

Incident Energy (MeV)

60-Nd-146