

Program EVALPLOT  
(Version 2018-1)

by

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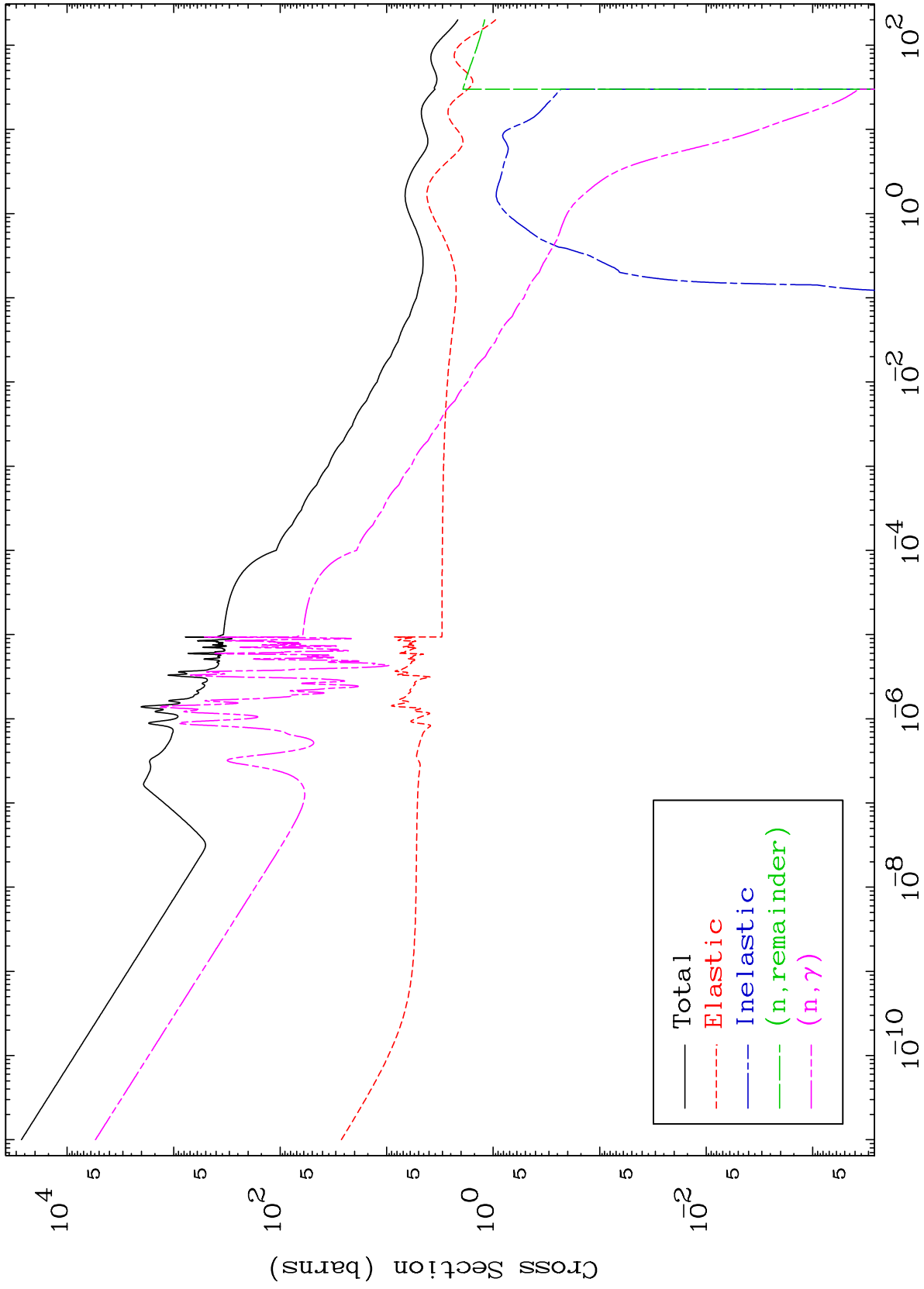
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5992

Major  
293 Kelvin Cross Sections

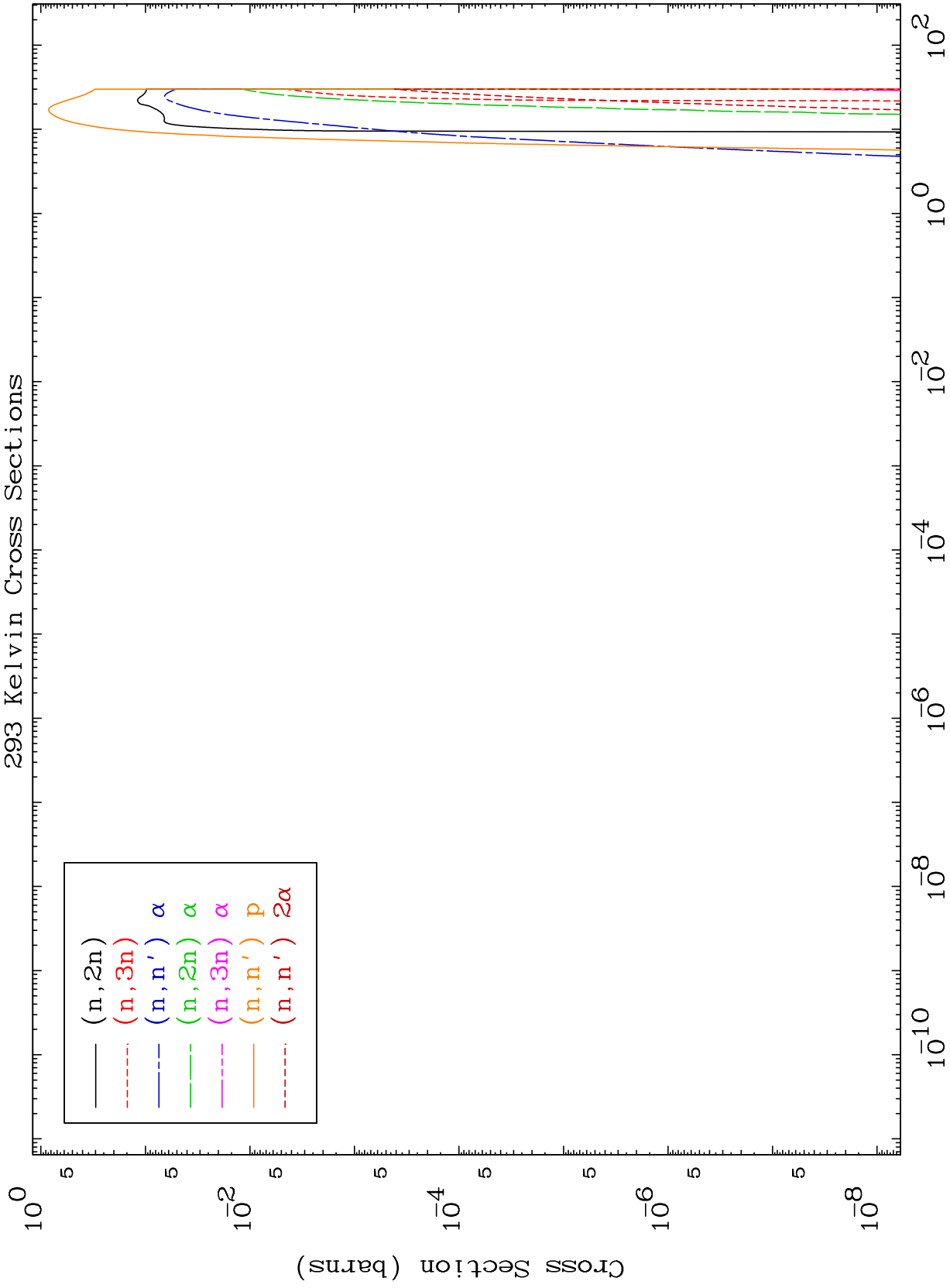
60-Nd-131

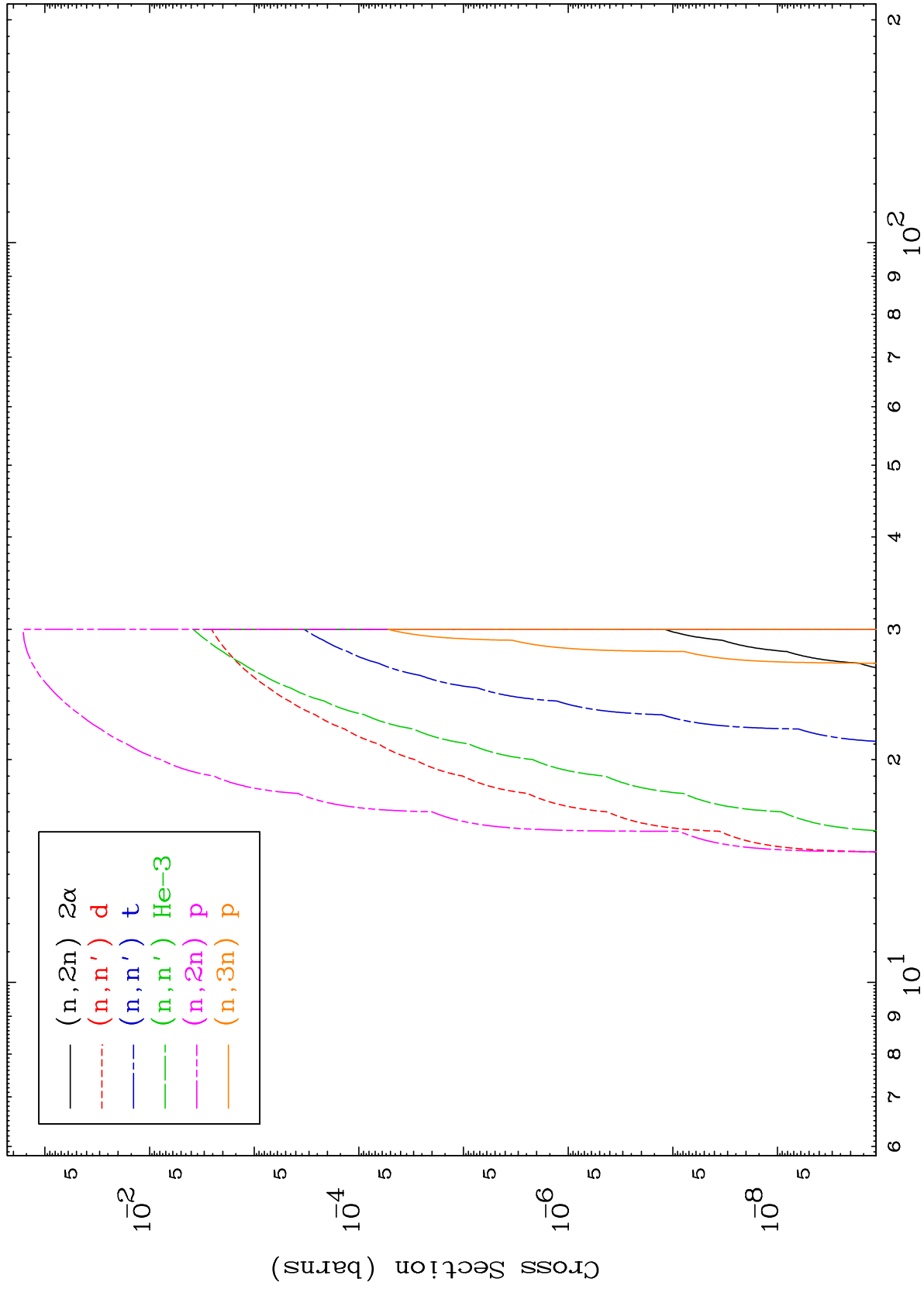


MAT 5992

Neutron Production  
293 Kelvin Cross Sections

60-Nd-131

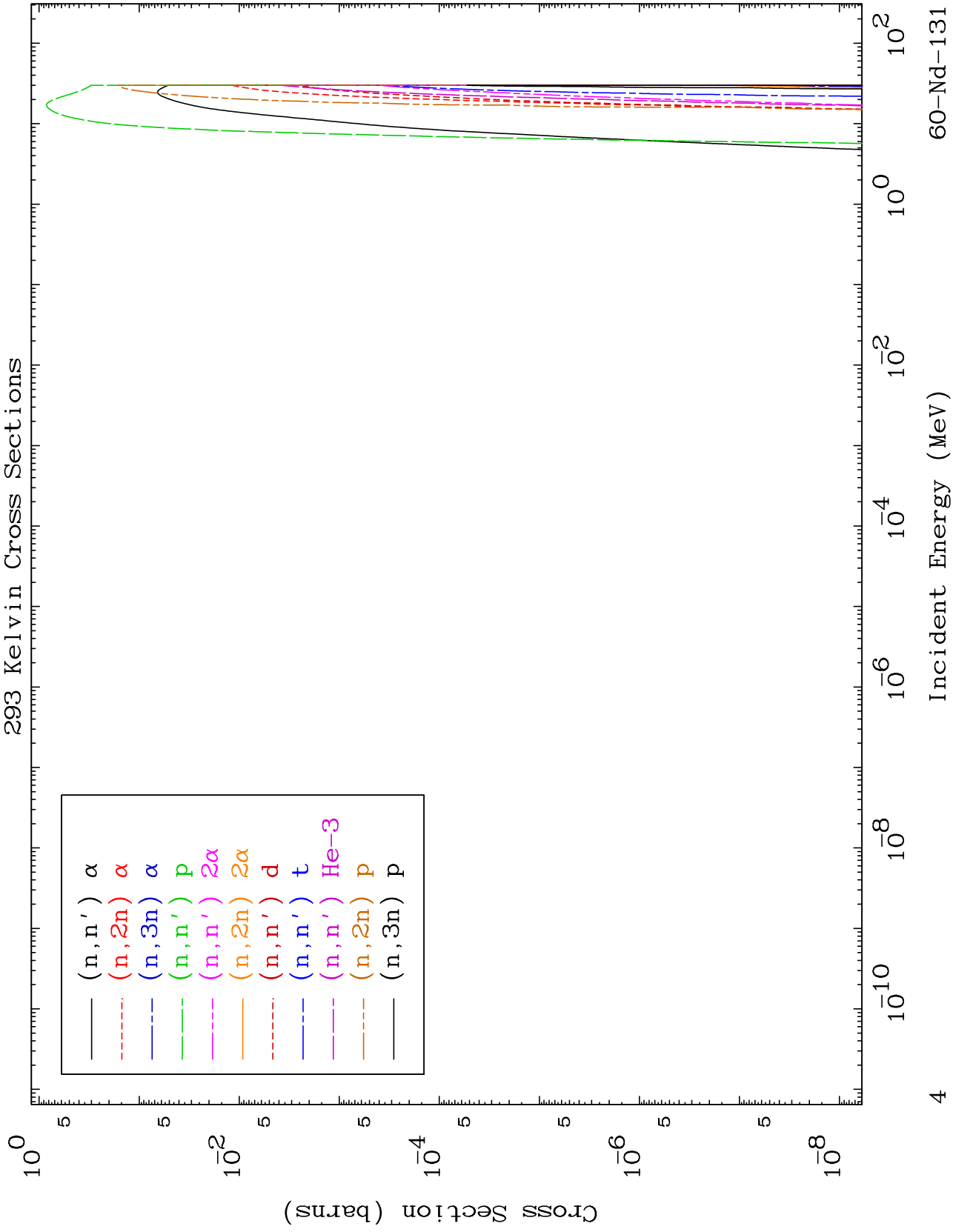




MAT 5992

Charged Particle  
293 Kelvin Cross Sections

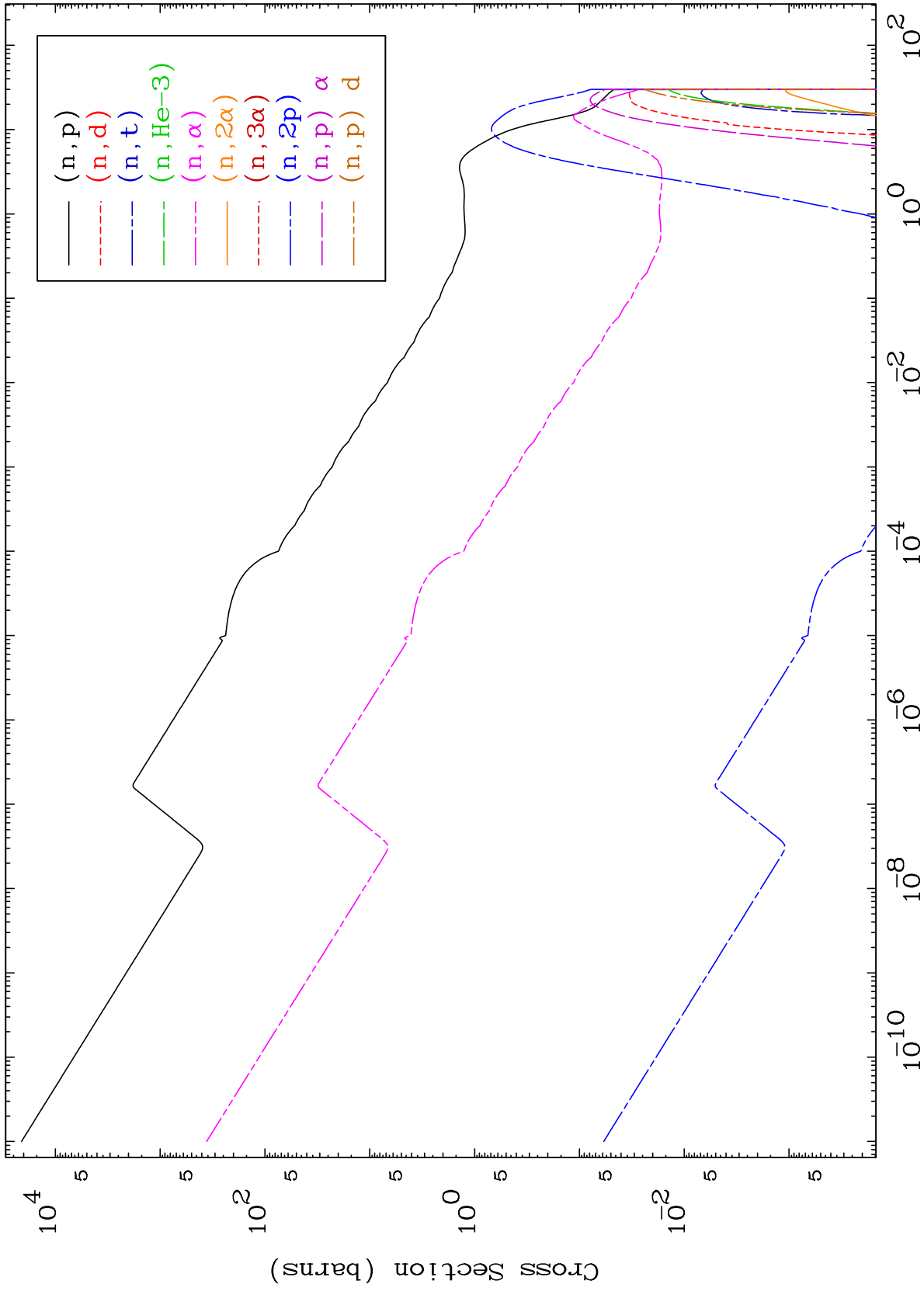
60-Nd-131



MAT 5992

293 Kelvin Cross Sections

60-Nd-131

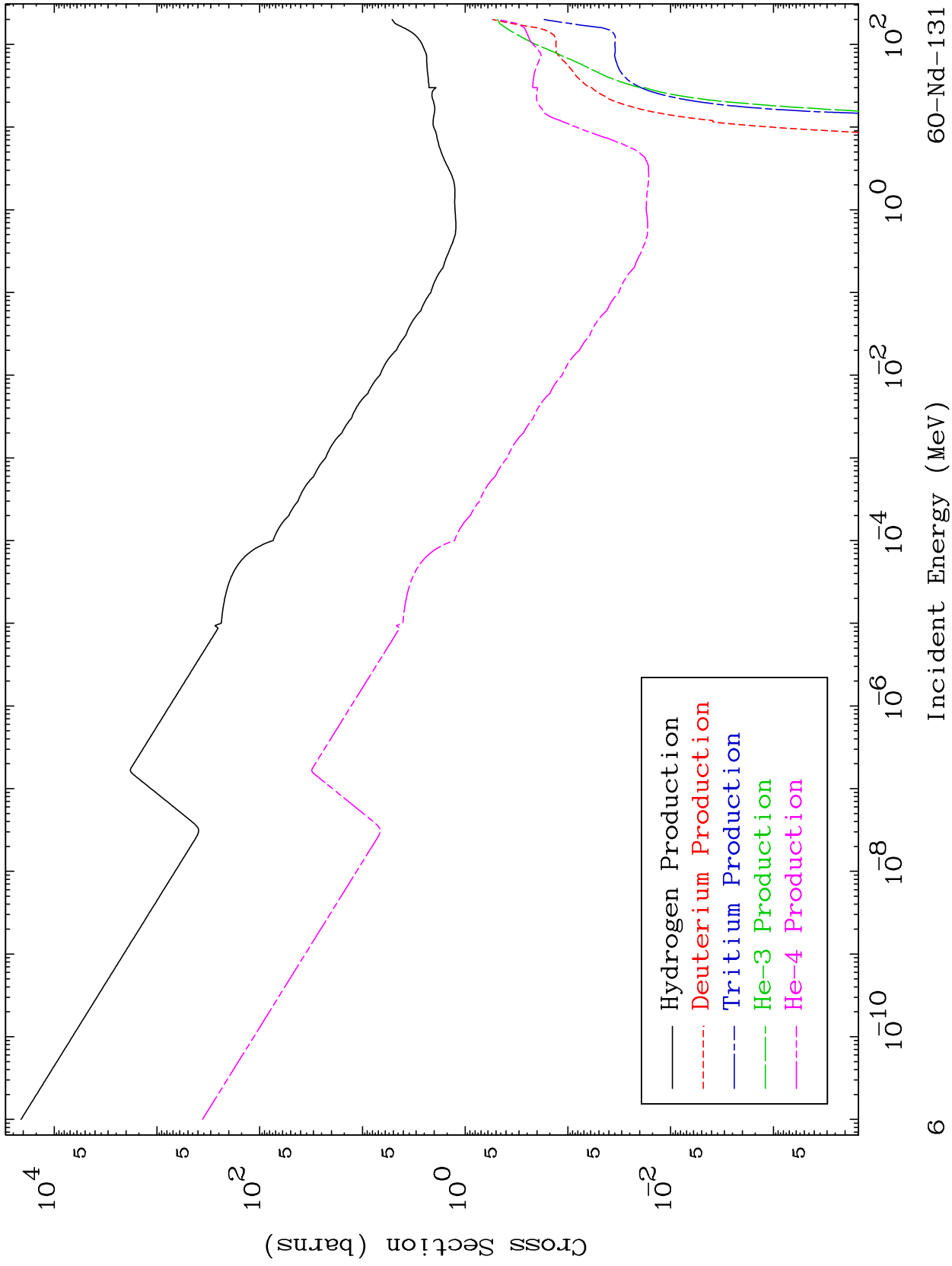


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MAT 5992

Particle Production  
293 Kelvin Cross Sections

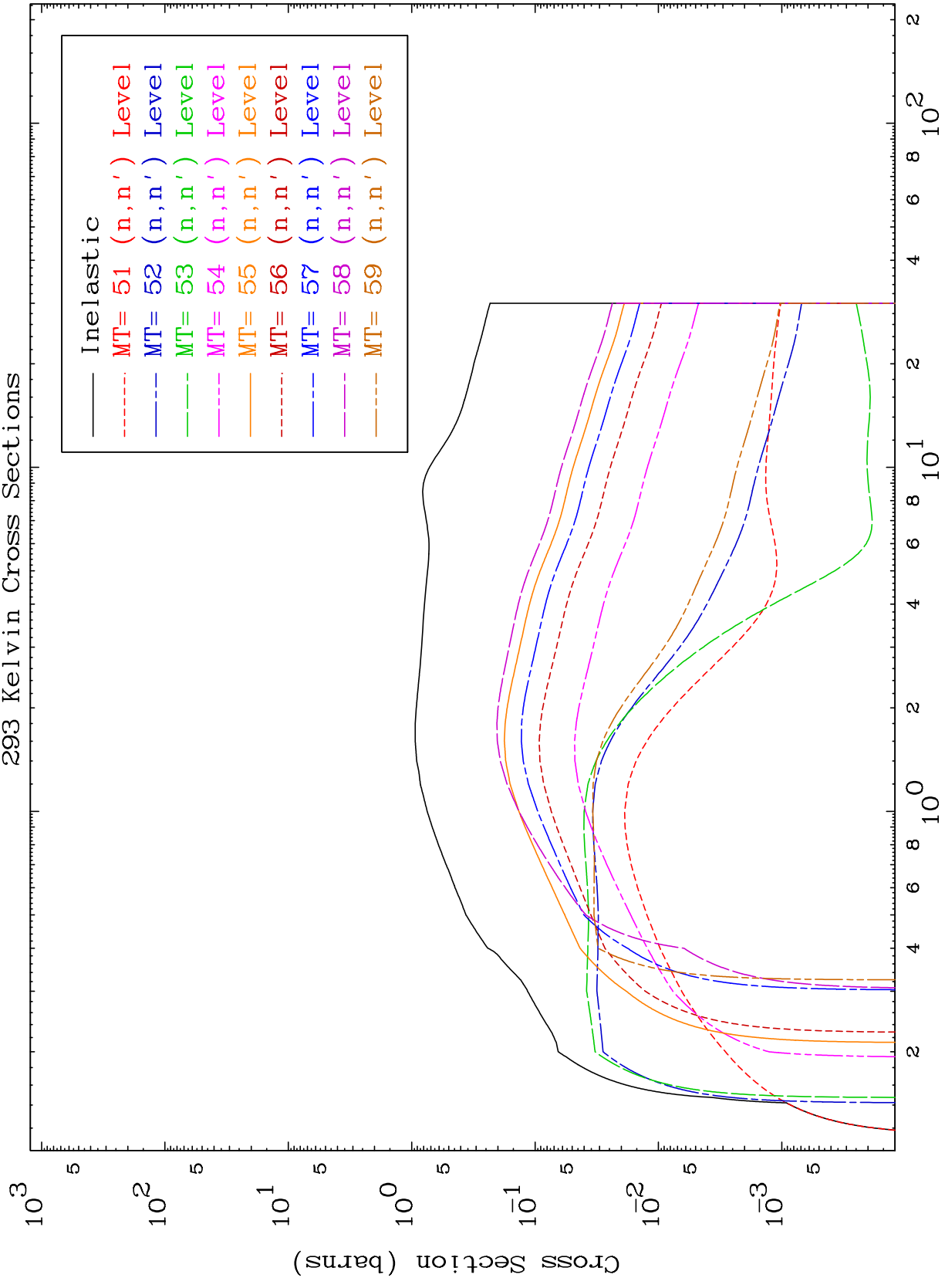
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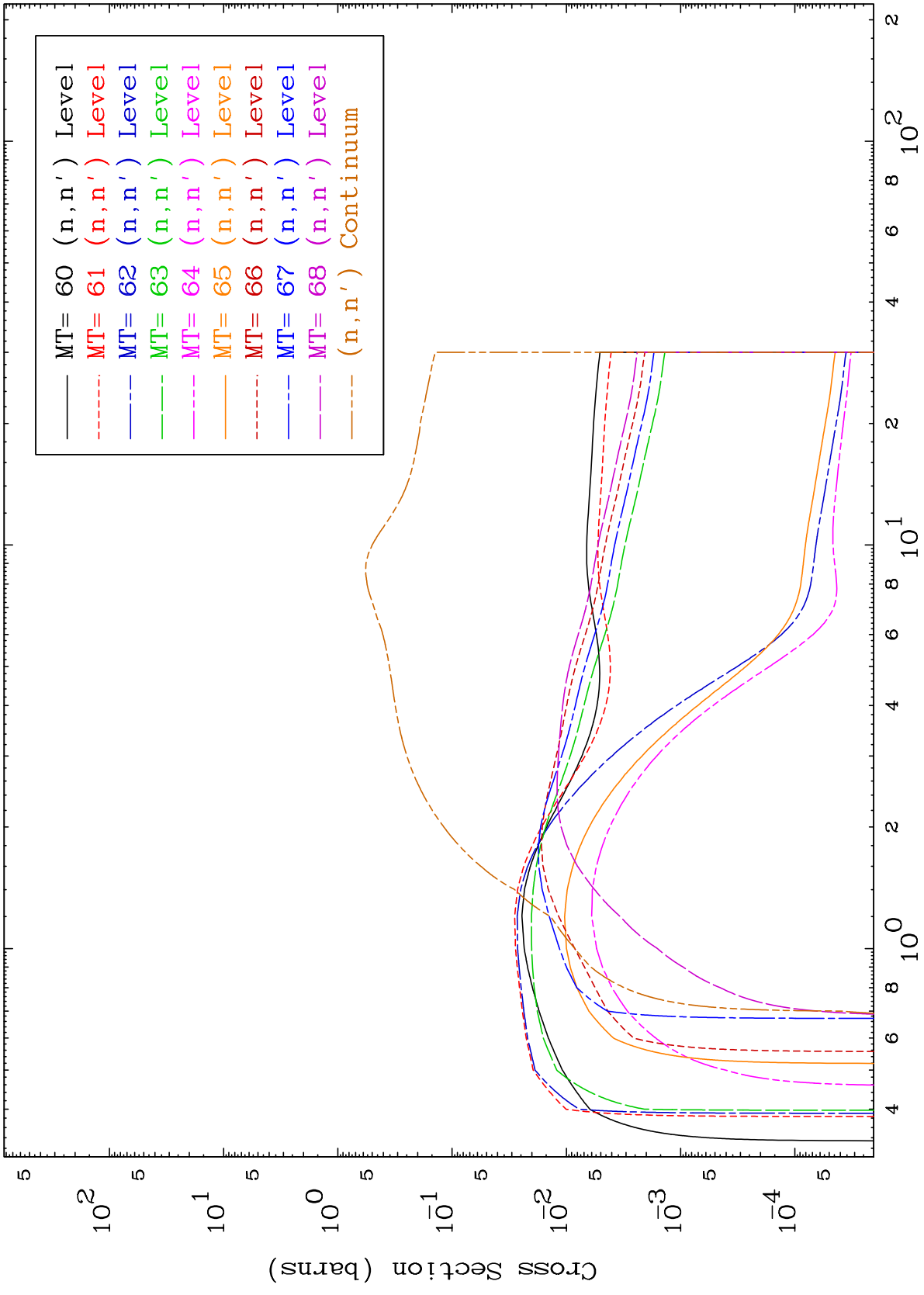


MAT 5992

(n,n') Level  
293 Kelvin Cross Sections

60-Nd-131

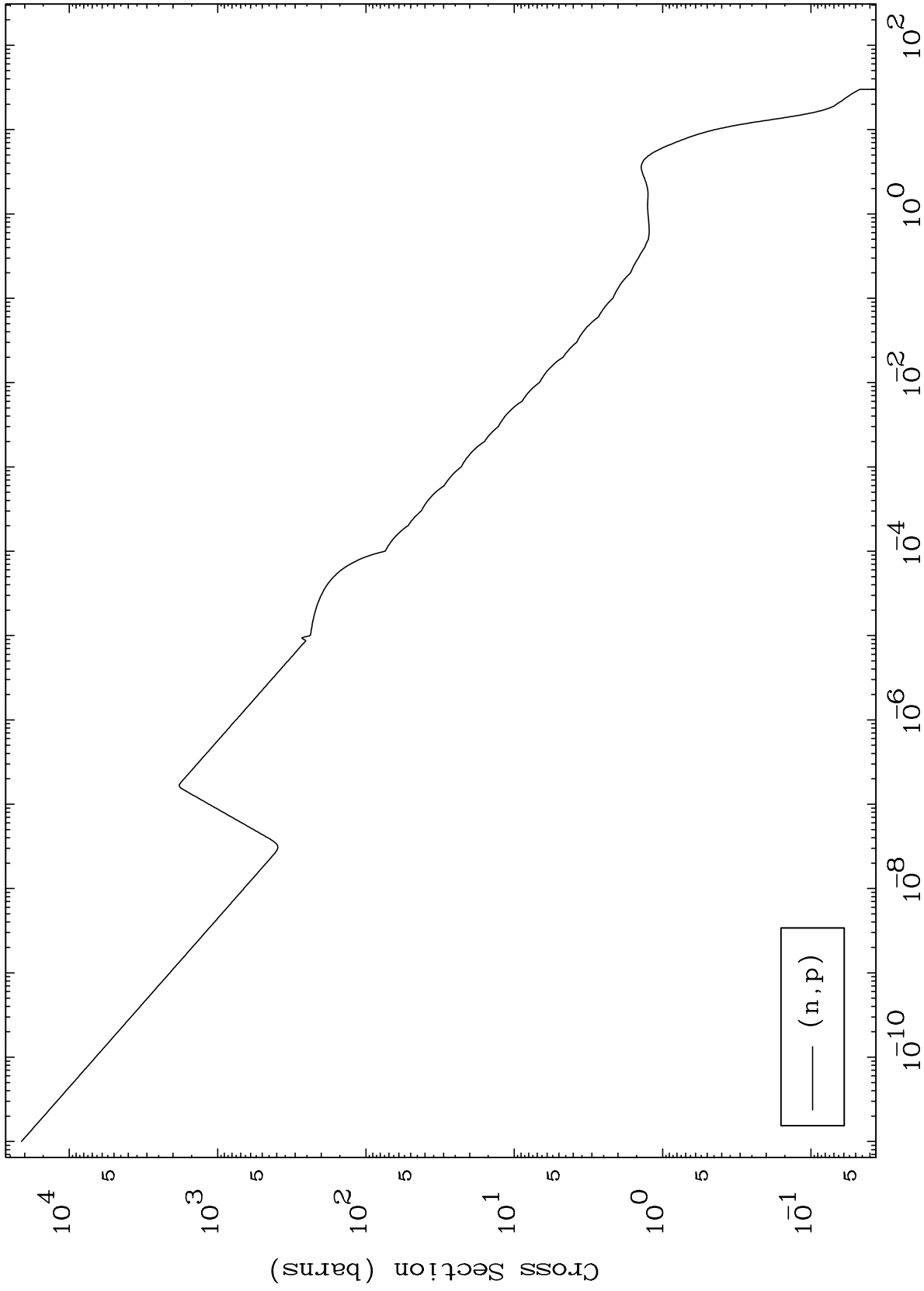




MAT 5992

(n,p) Levels  
293 Kelvin Cross Sections

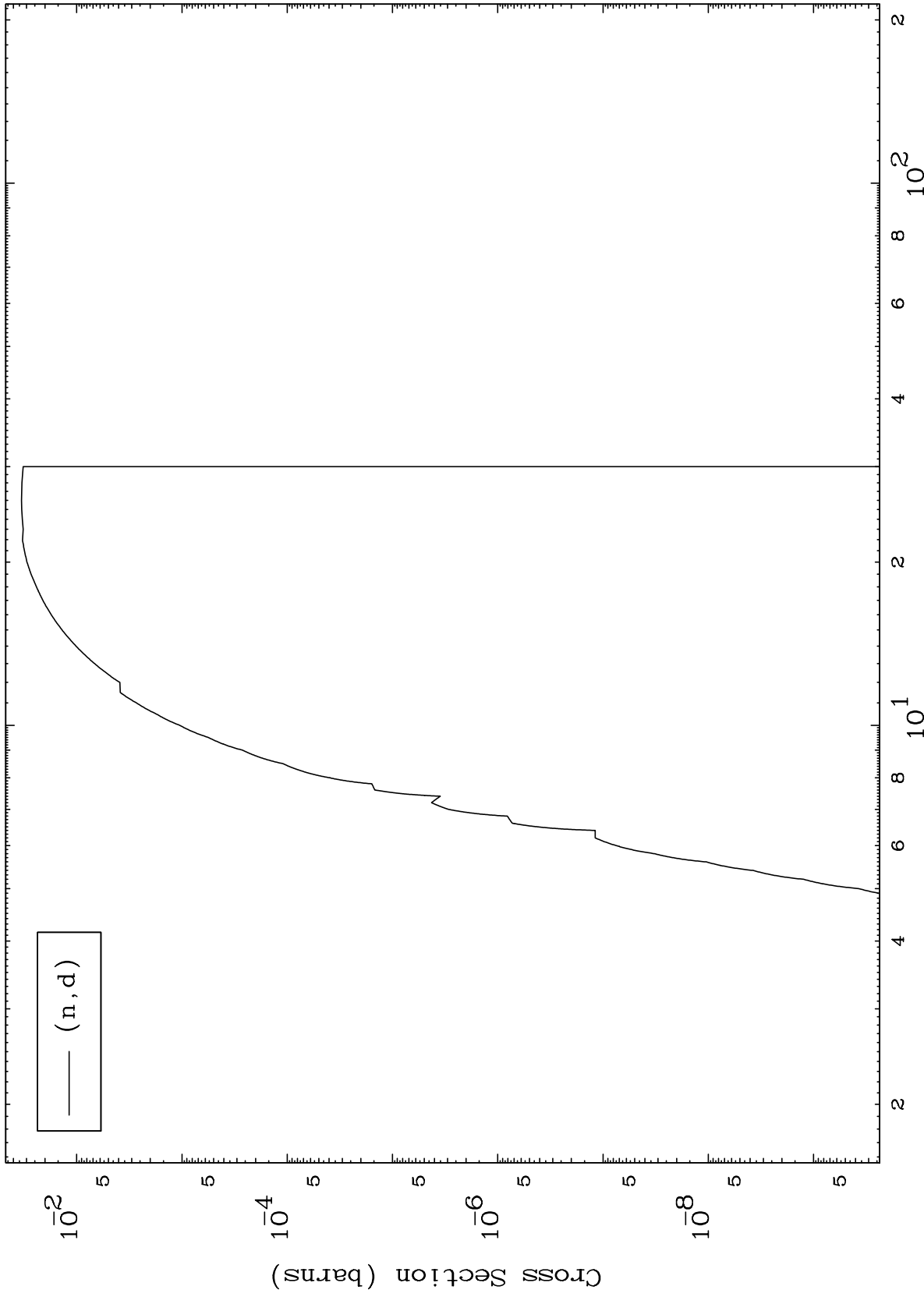
60-Nd-131



MAT 5992

(n,d) Levels  
293 Kelvin Cross Sections

60-Nd-131



10

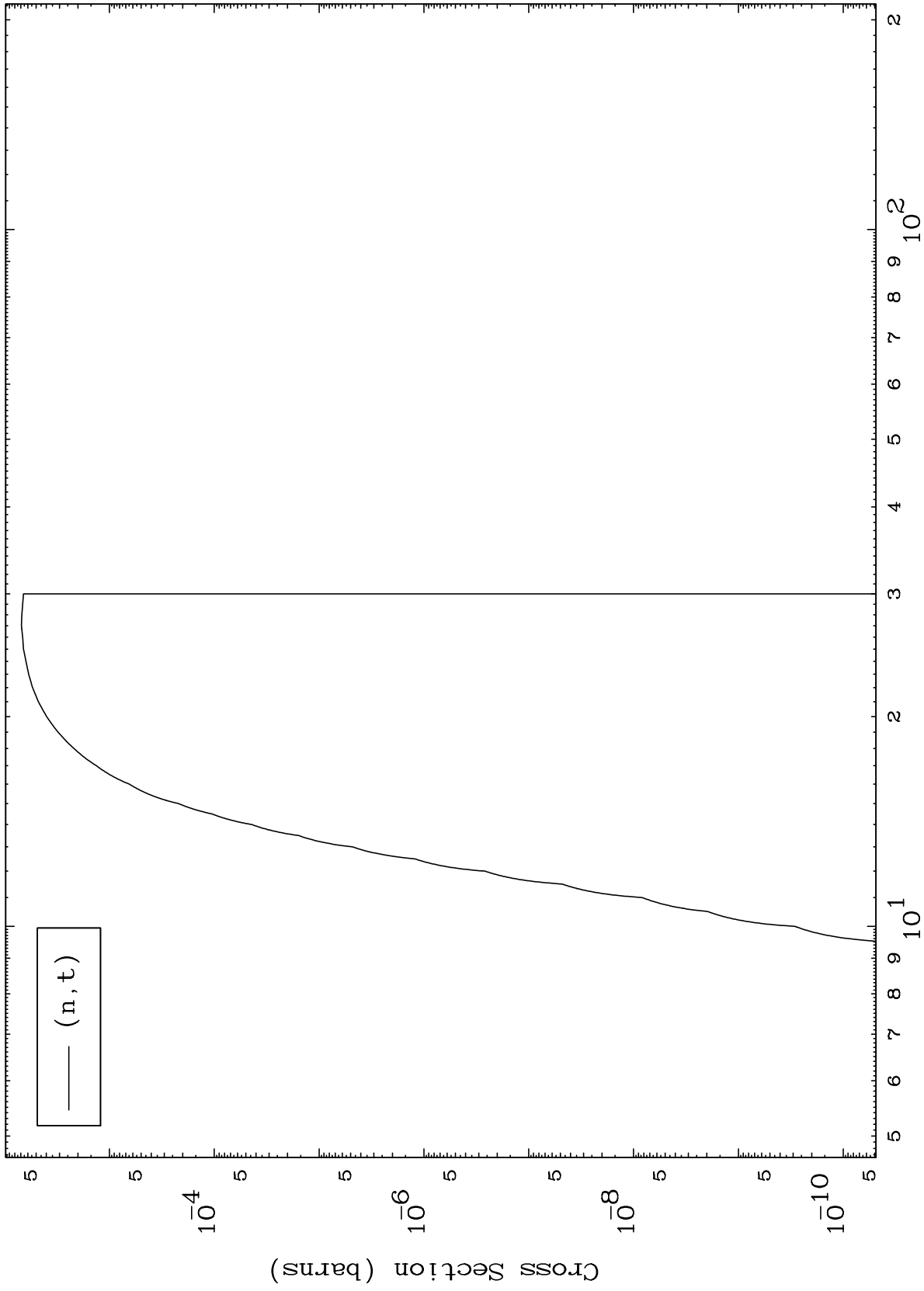
Incident Energy (MeV)

60-Nd-131

MAT 5992

(n,t) Levels  
293 Kelvin Cross Sections

60-Nd-131



11

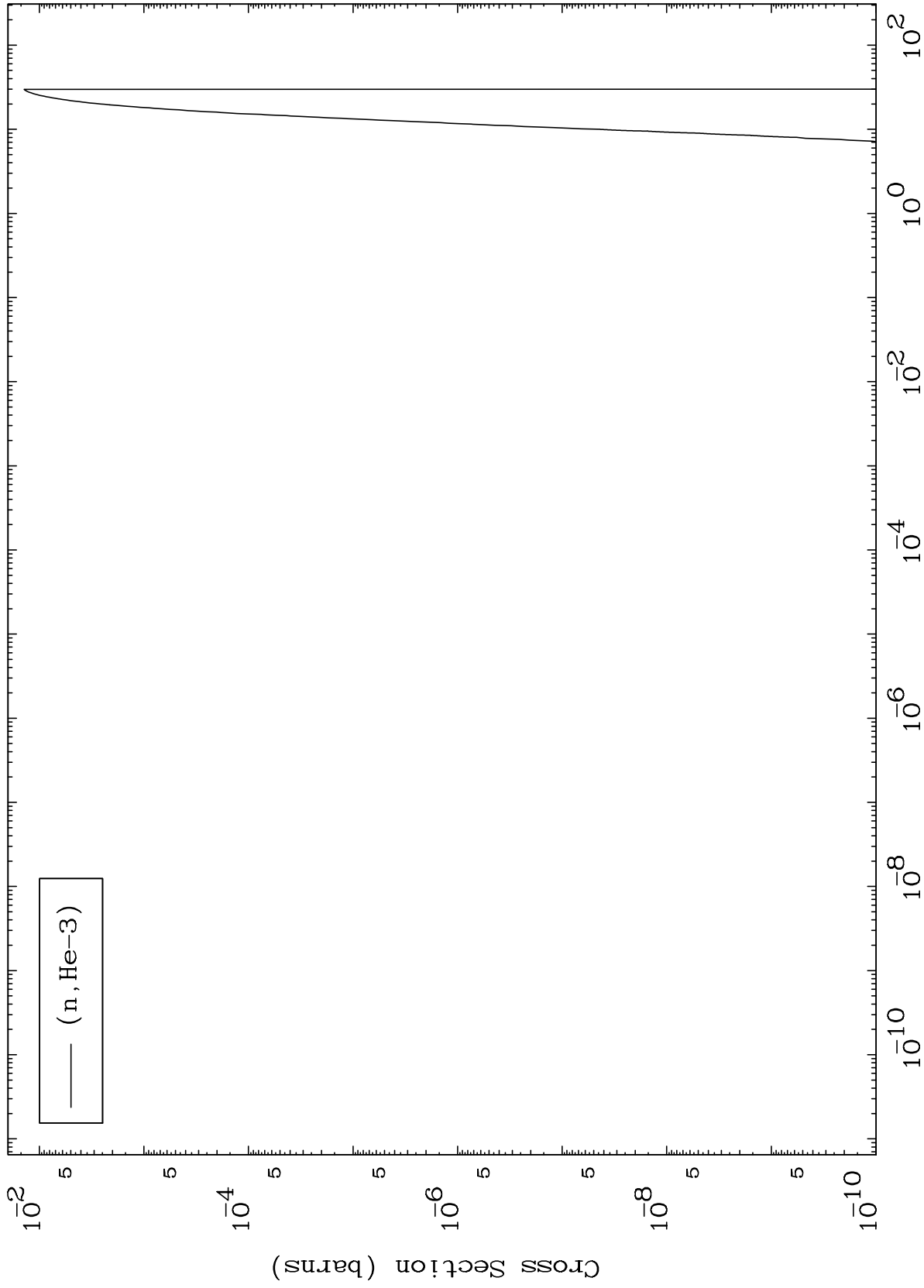
Incident Energy (MeV)

60-Nd-131

MAT 5992

(n,He3) Levels  
293 Kelvin Cross Sections

60-Nd-131



12

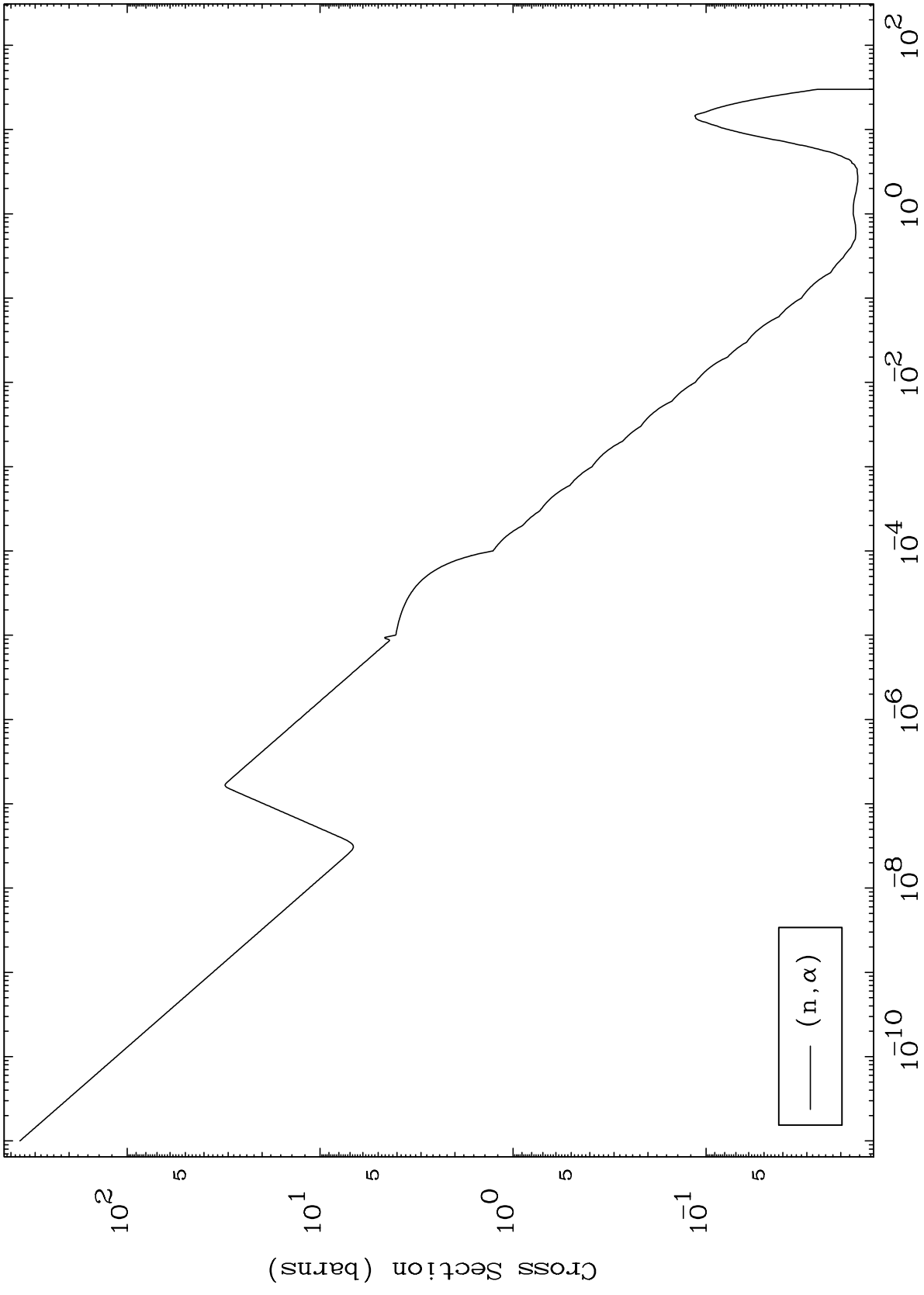
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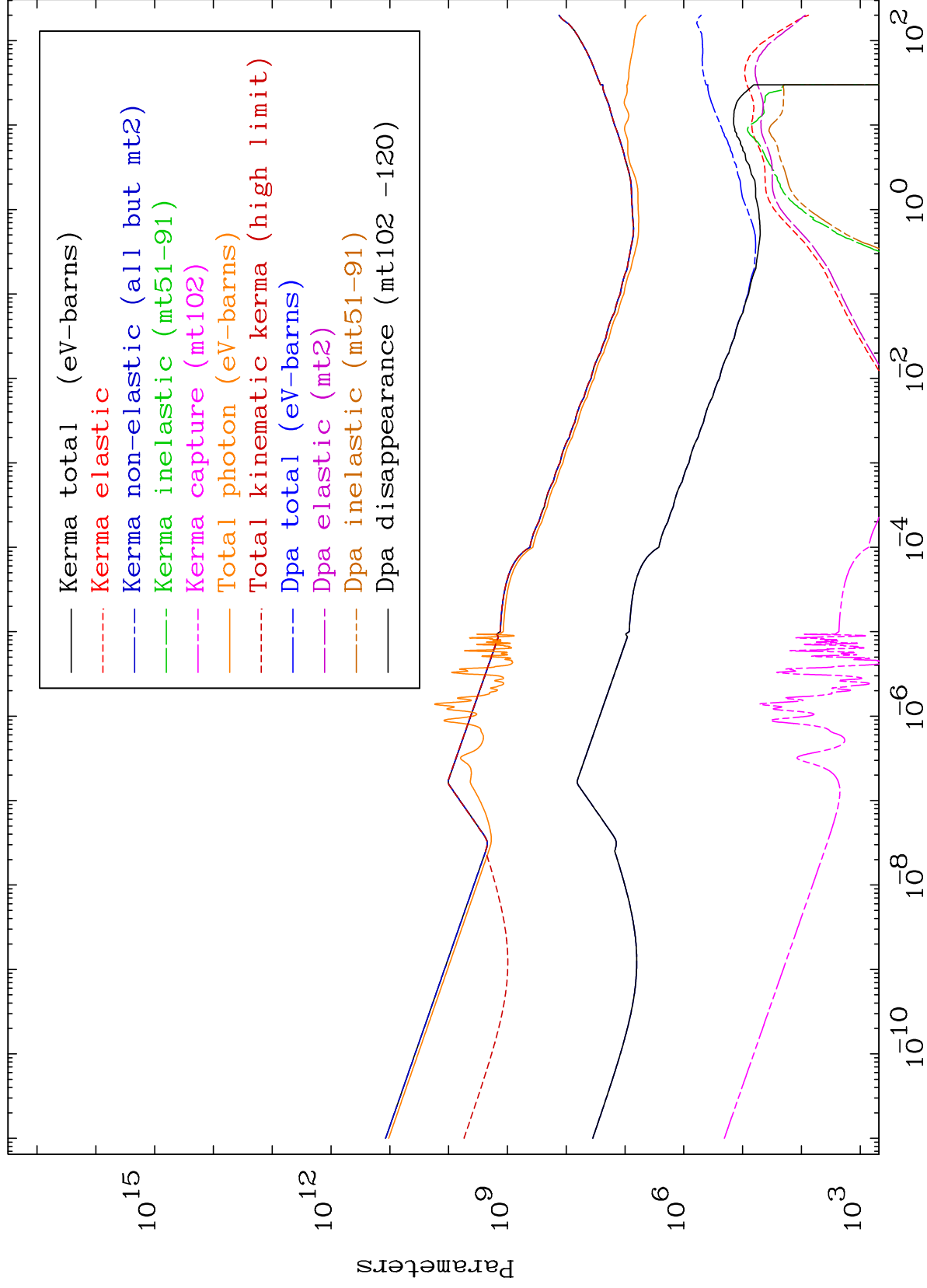
60-Nd-131

MAT 5992

(n,α) Levels  
293 Kelvin Cross Sections

60-Nd-131

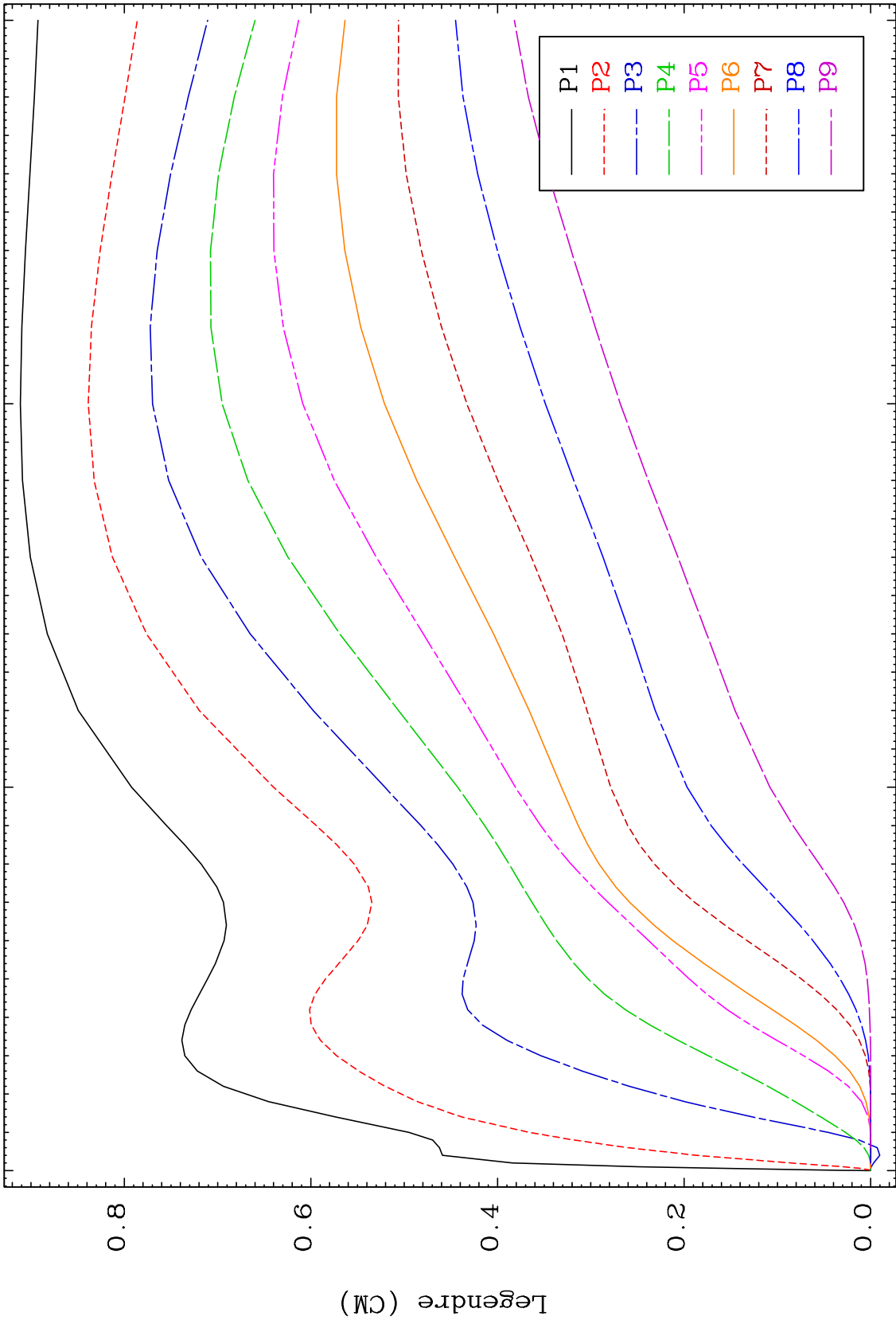




MAT 5992

Elastic Legendre Coefficients

$^{60}\text{Nd-131}$



15

Incident Energy (MeV)

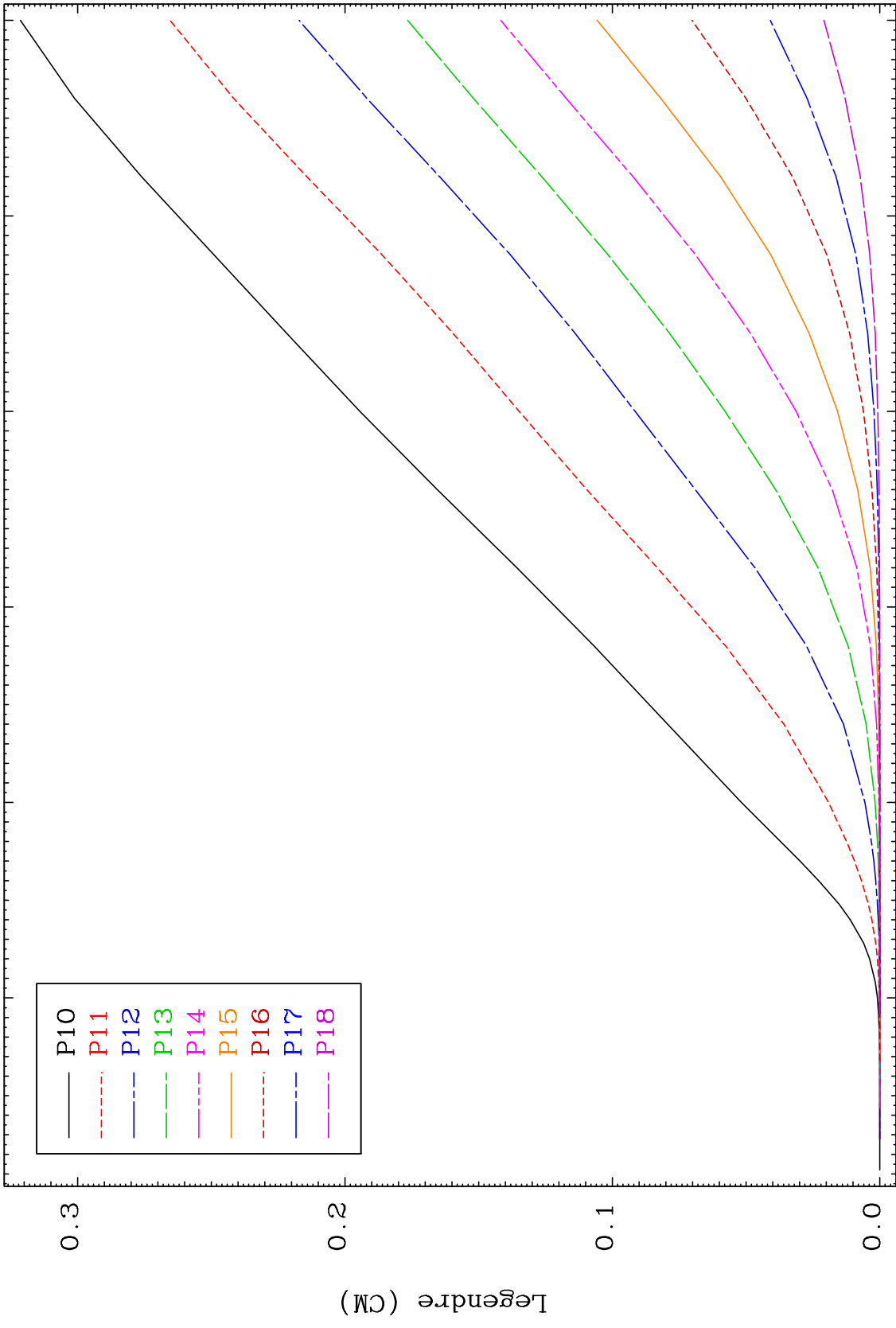
$^{60}\text{Nd-131}$

30

MAT 5992

Elastic Legendre Coefficients

60-Nd-131



Legendre (CM)

16

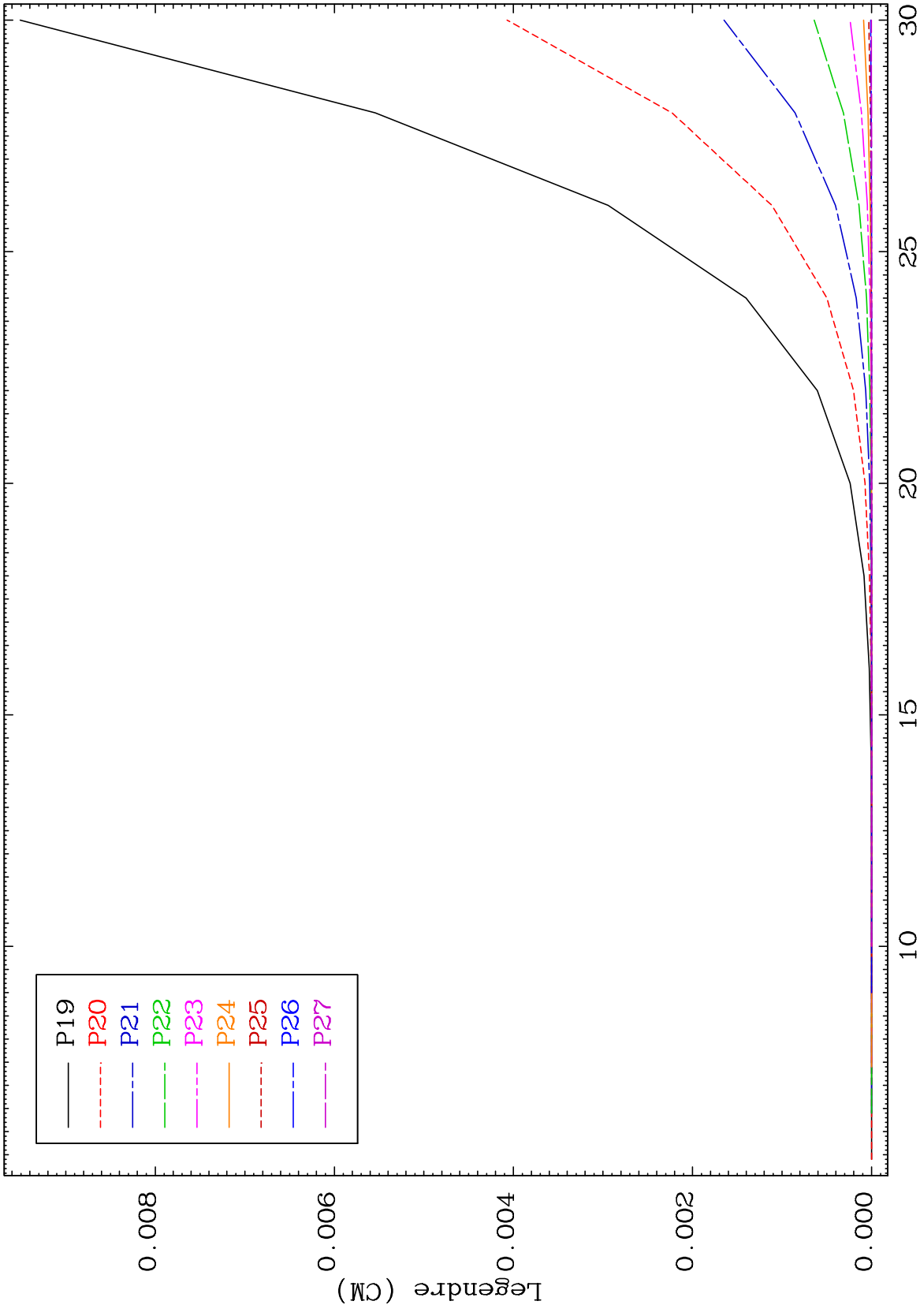
Incident Energy (MeV)

60-Nd-131

MAT 5992

### Elastic Legendre Coefficients

60-Nd-131



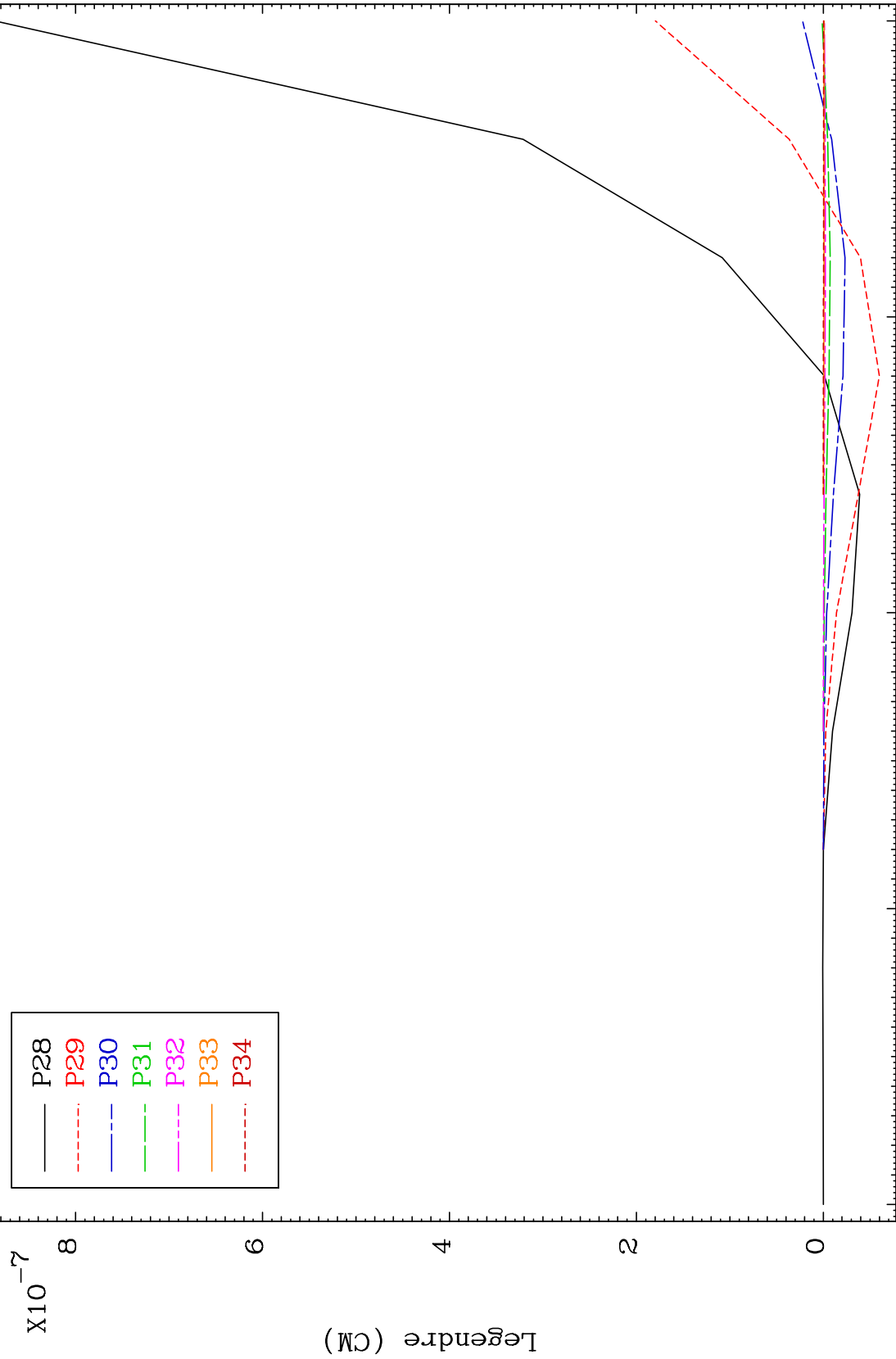
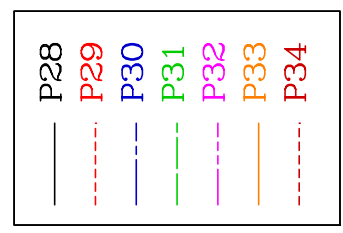
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60-Nd-131

MAT 5992

Elastic Legendre Coefficients

60-Nd-131



18

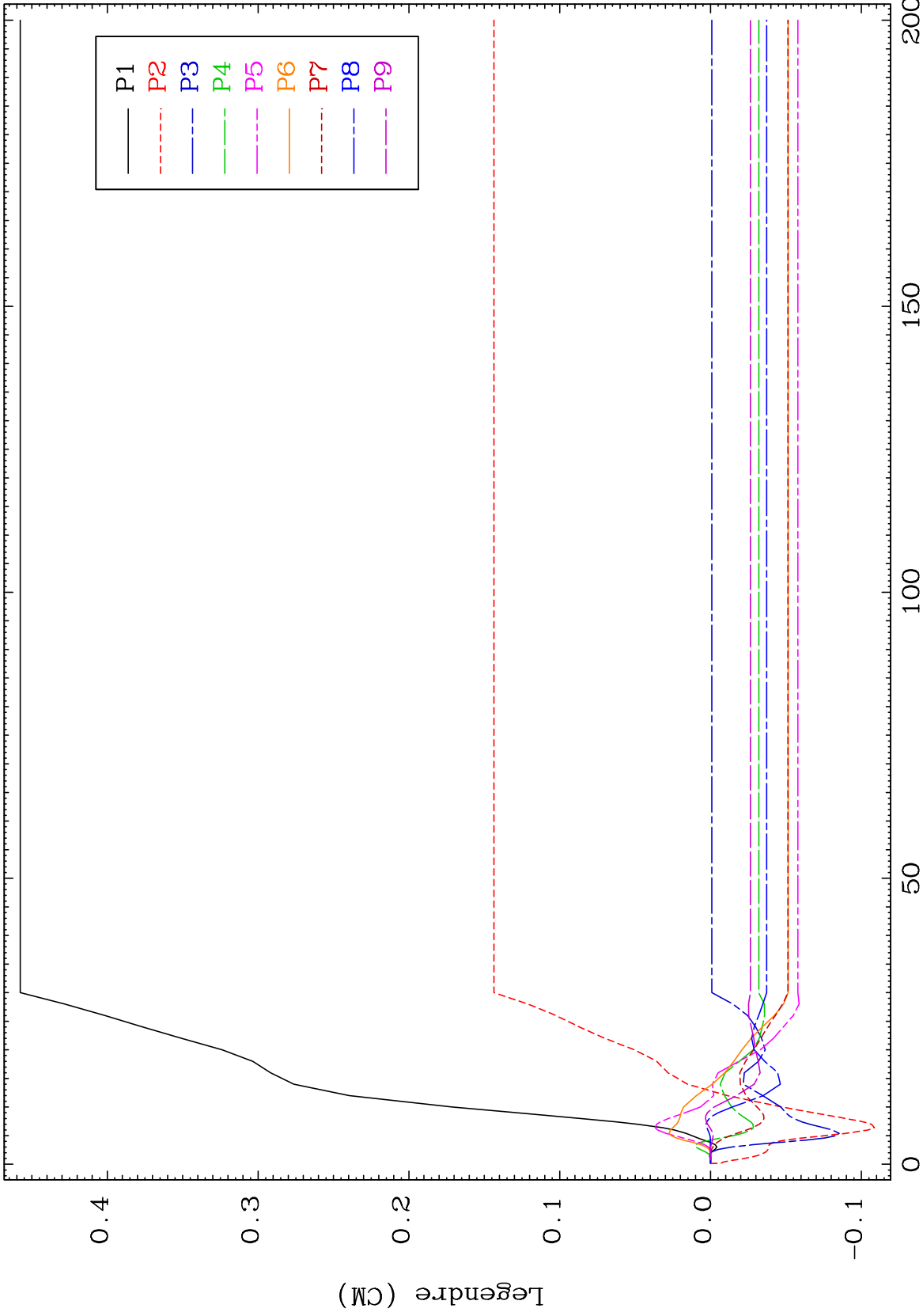
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



19

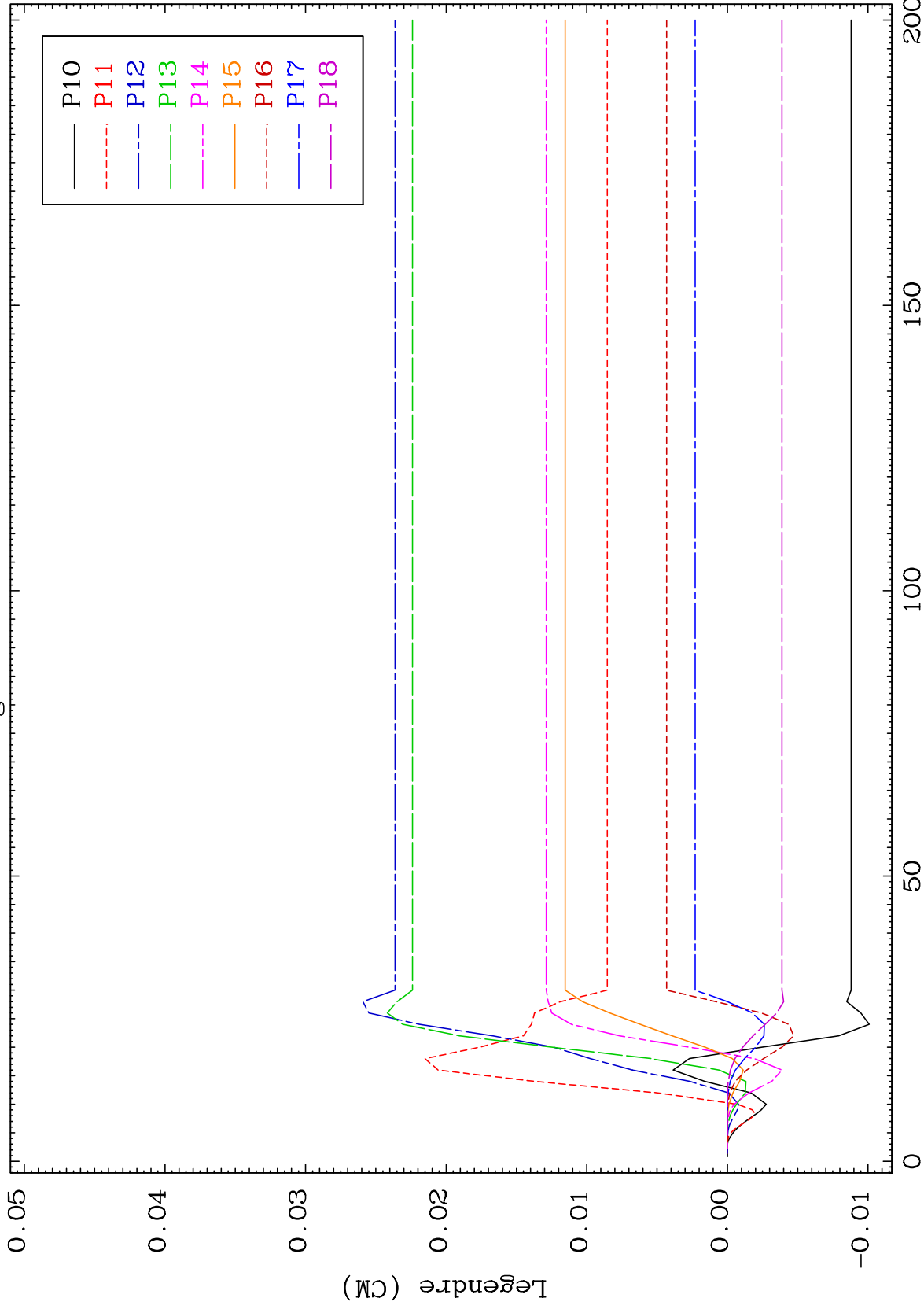
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



60-Nd-131

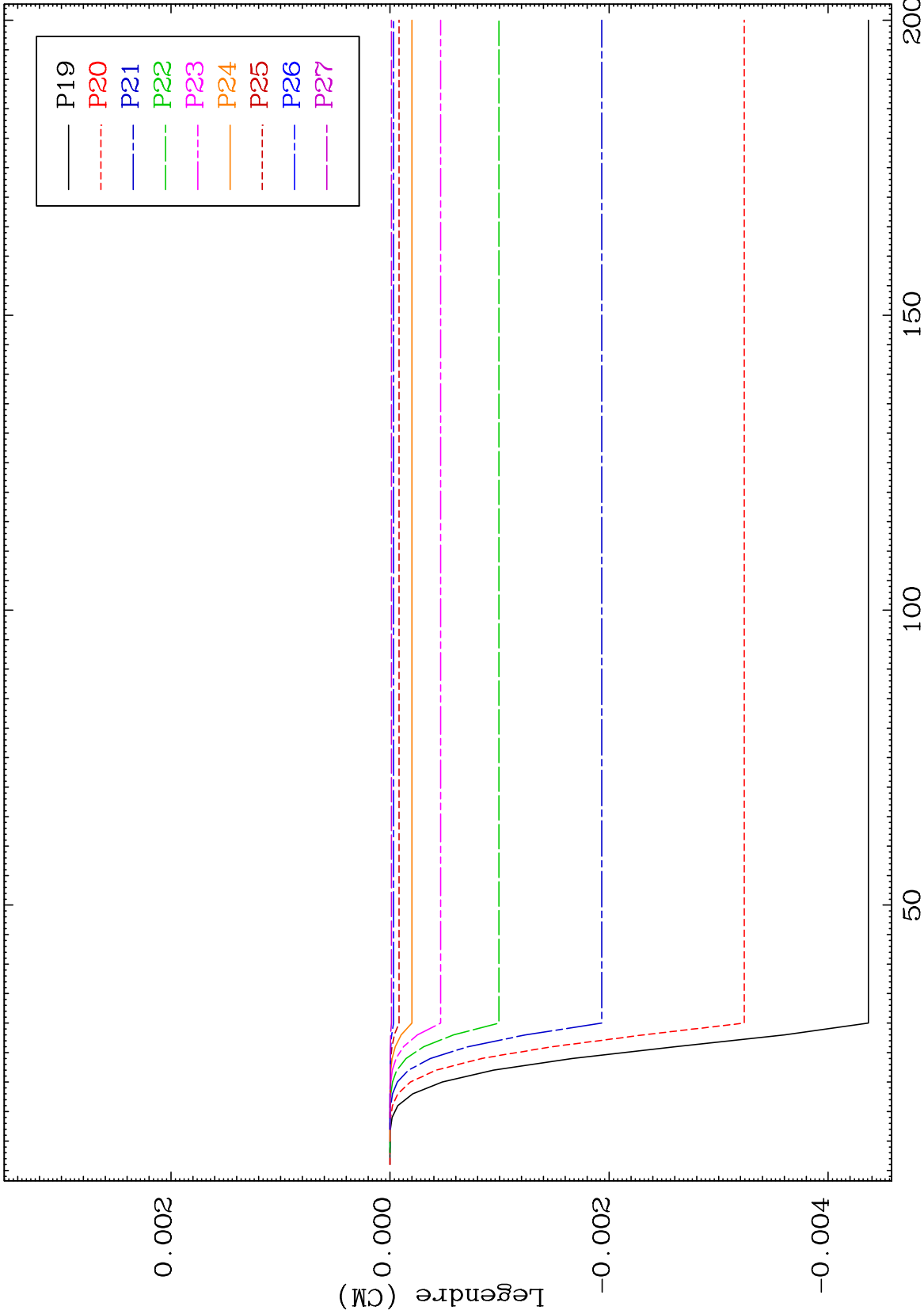
Incident Energy (MeV)

Legendre (CM)

MAT 5992

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

60-Nd-131



21

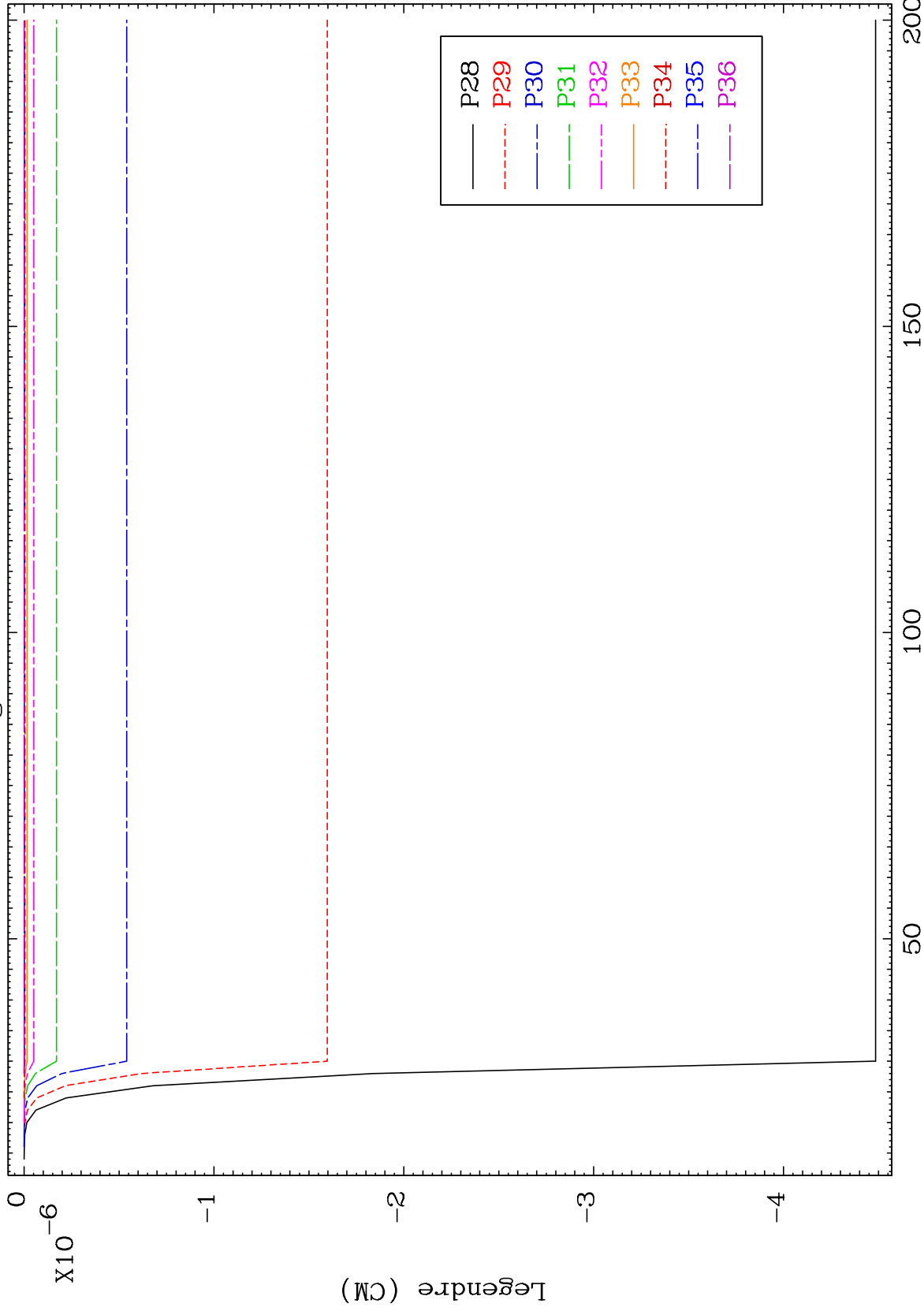
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



60-Nd-131

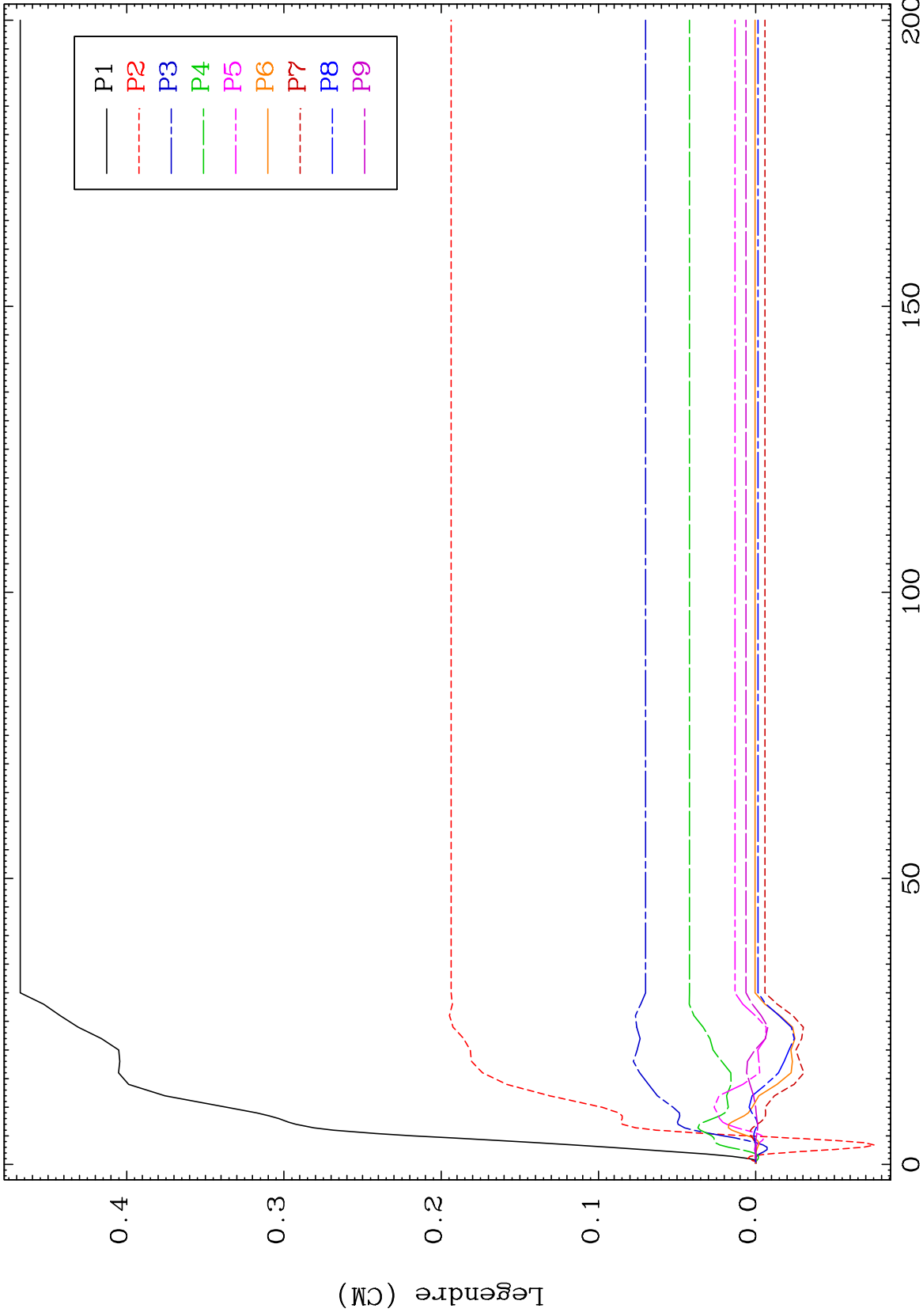
Incident Energy (MeV)

22

MAT 5992

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

60-Nd-131



23

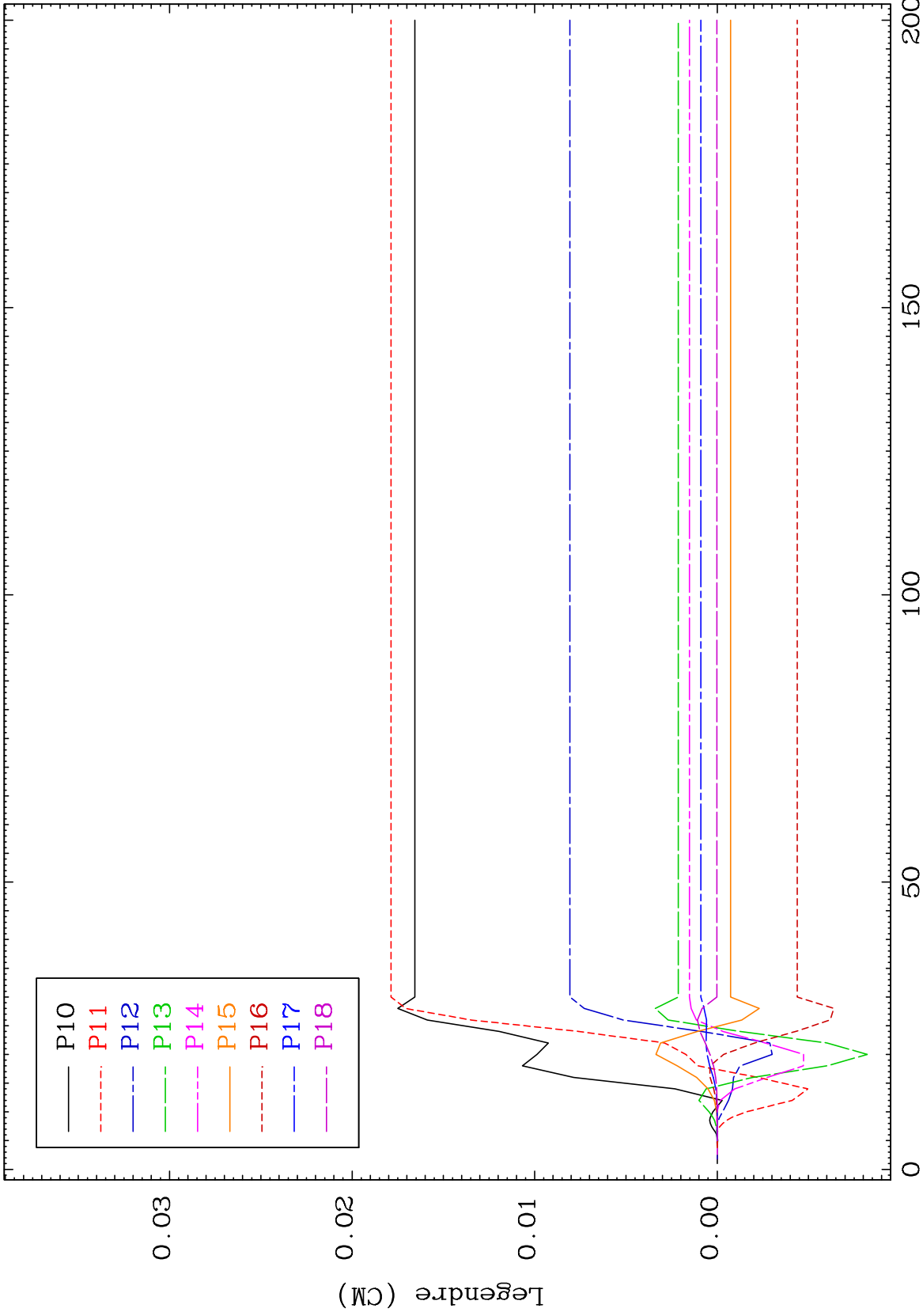
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



24

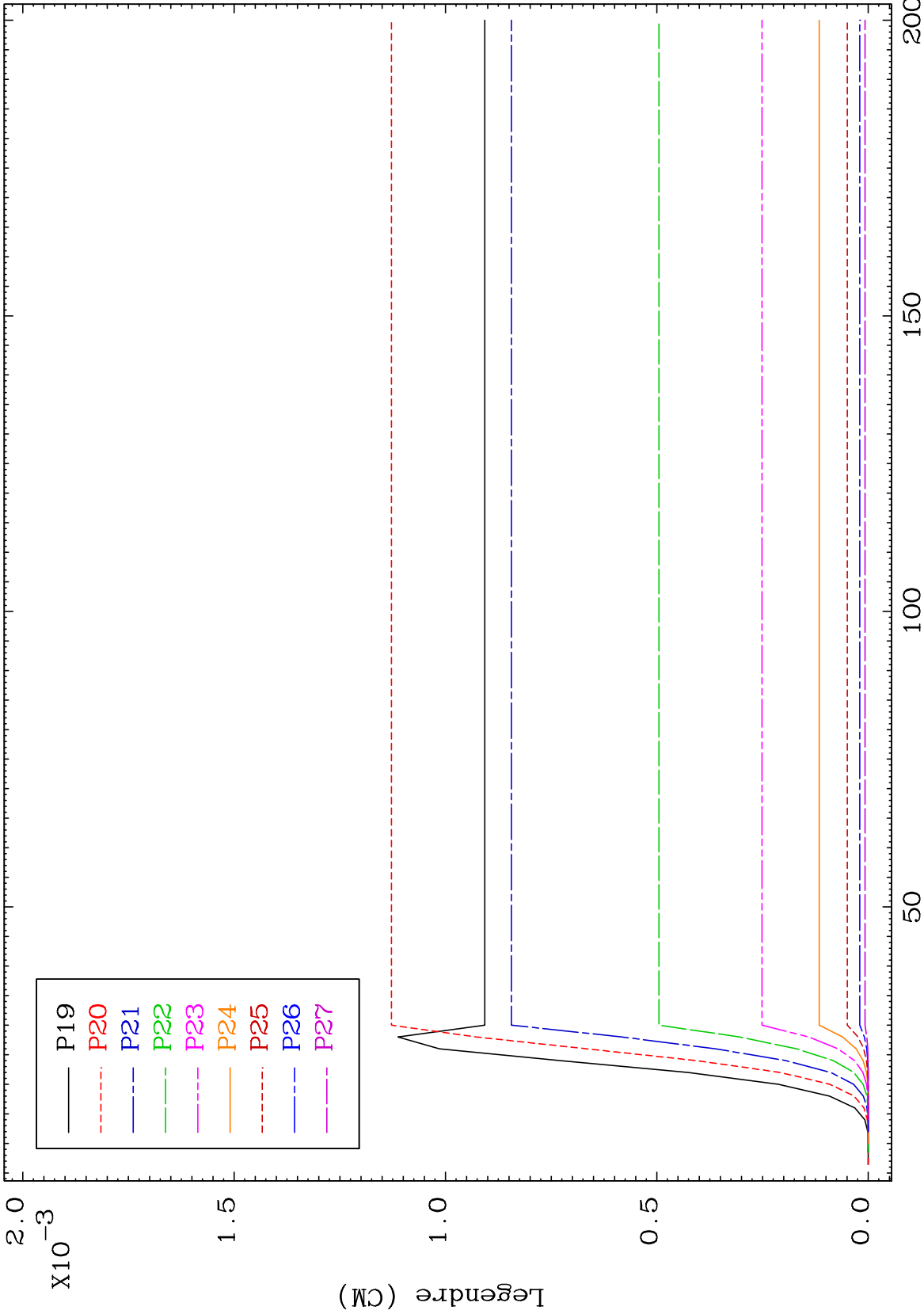
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



25

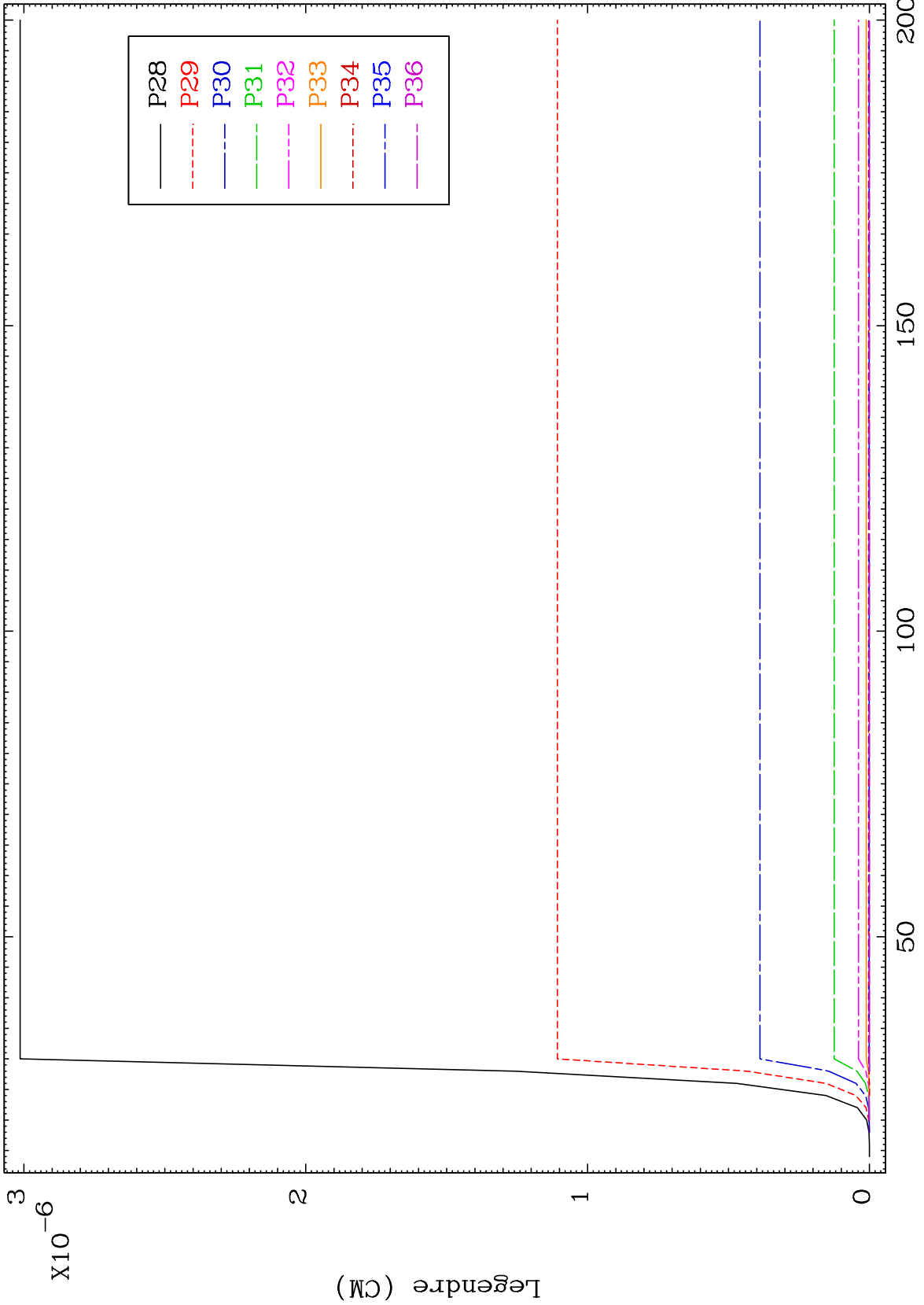
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



26

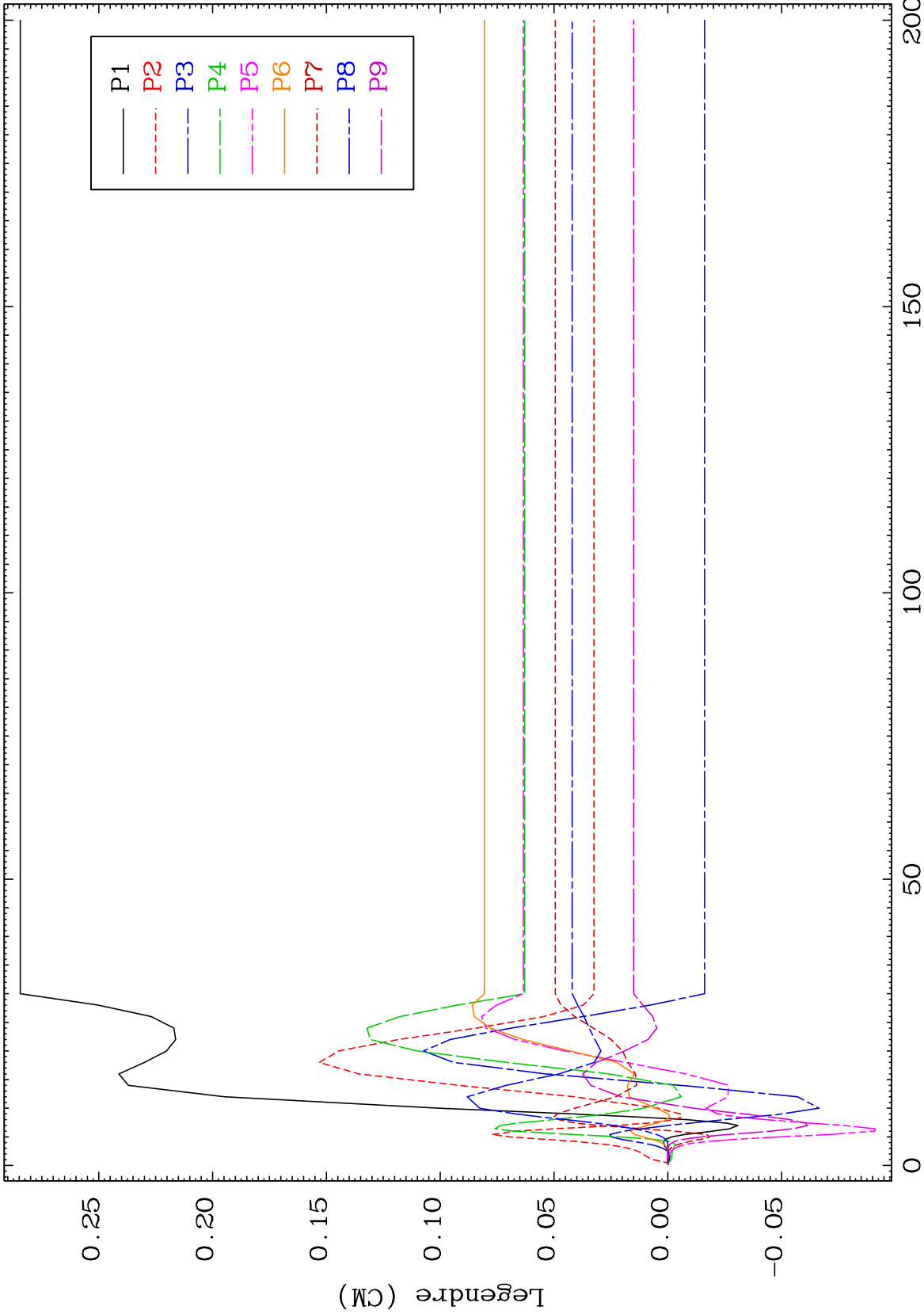
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131

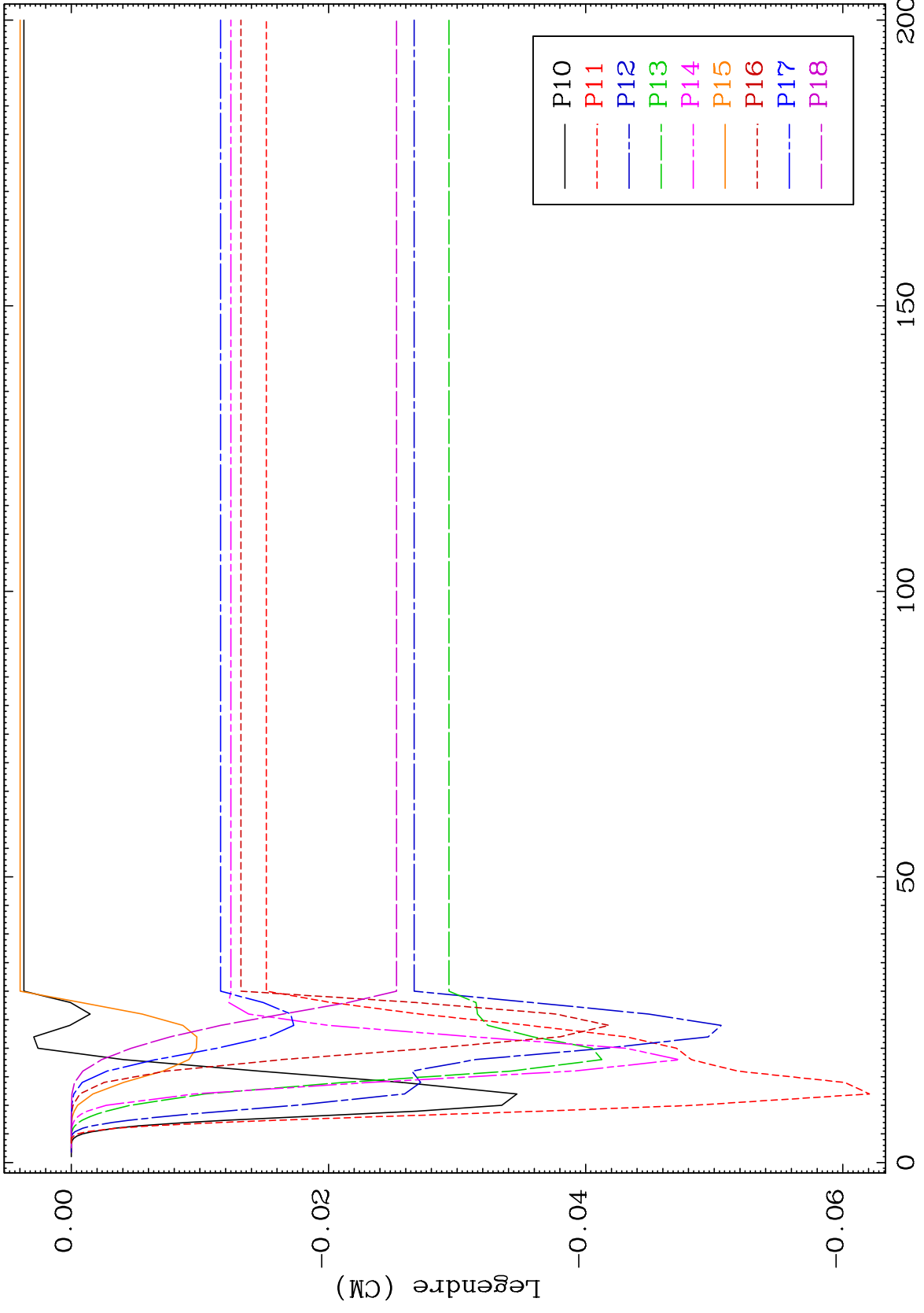


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Incident Energy (MeV)

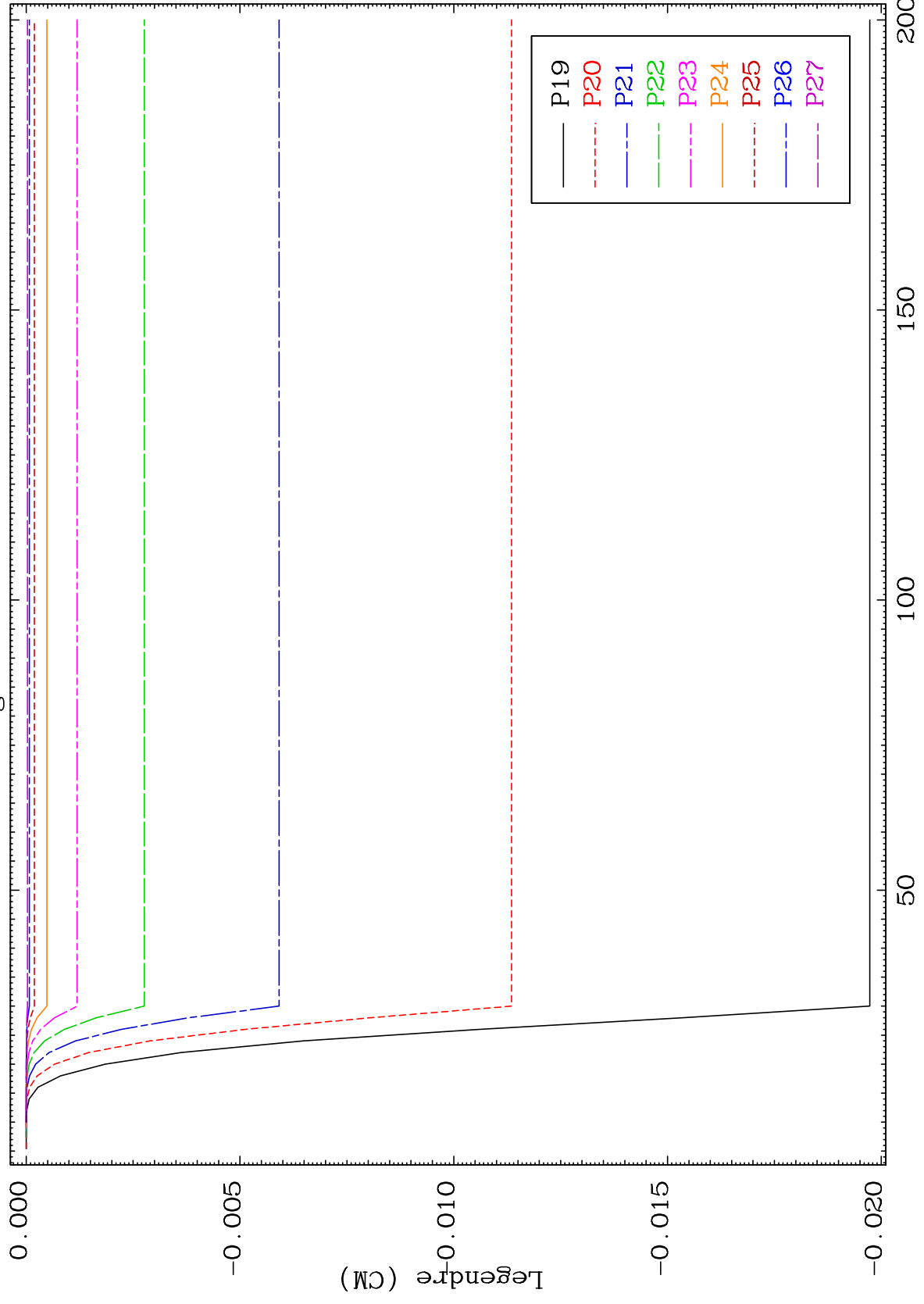
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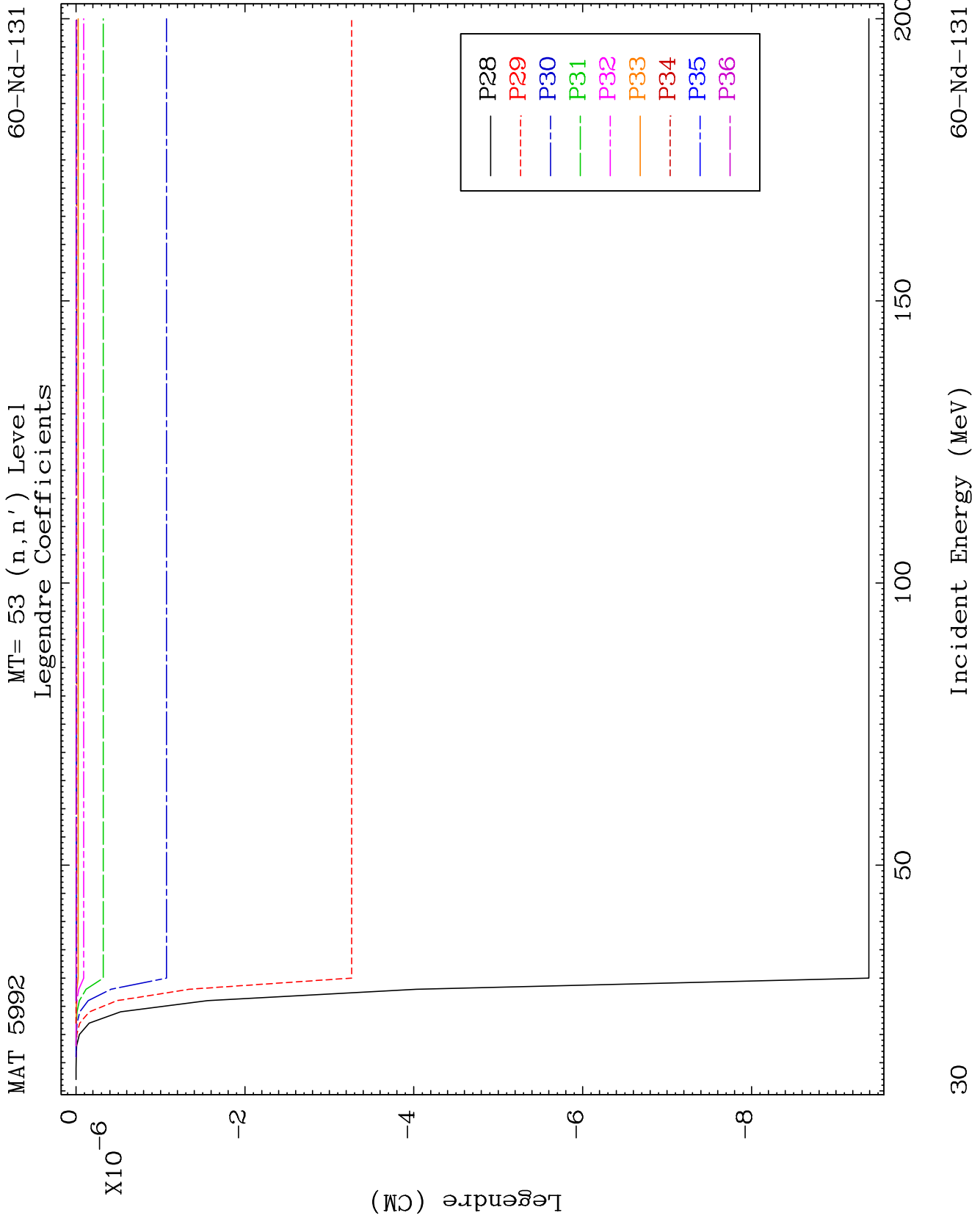
MAT 5992 MT= 53 (n,n') Level Legendre Coefficients 60-Nd-131



28 Incident Energy (MeV) 60-Nd-131

MAT 5992 MT= 53 (n,n') Level Legendre Coefficients 60-Nd-131

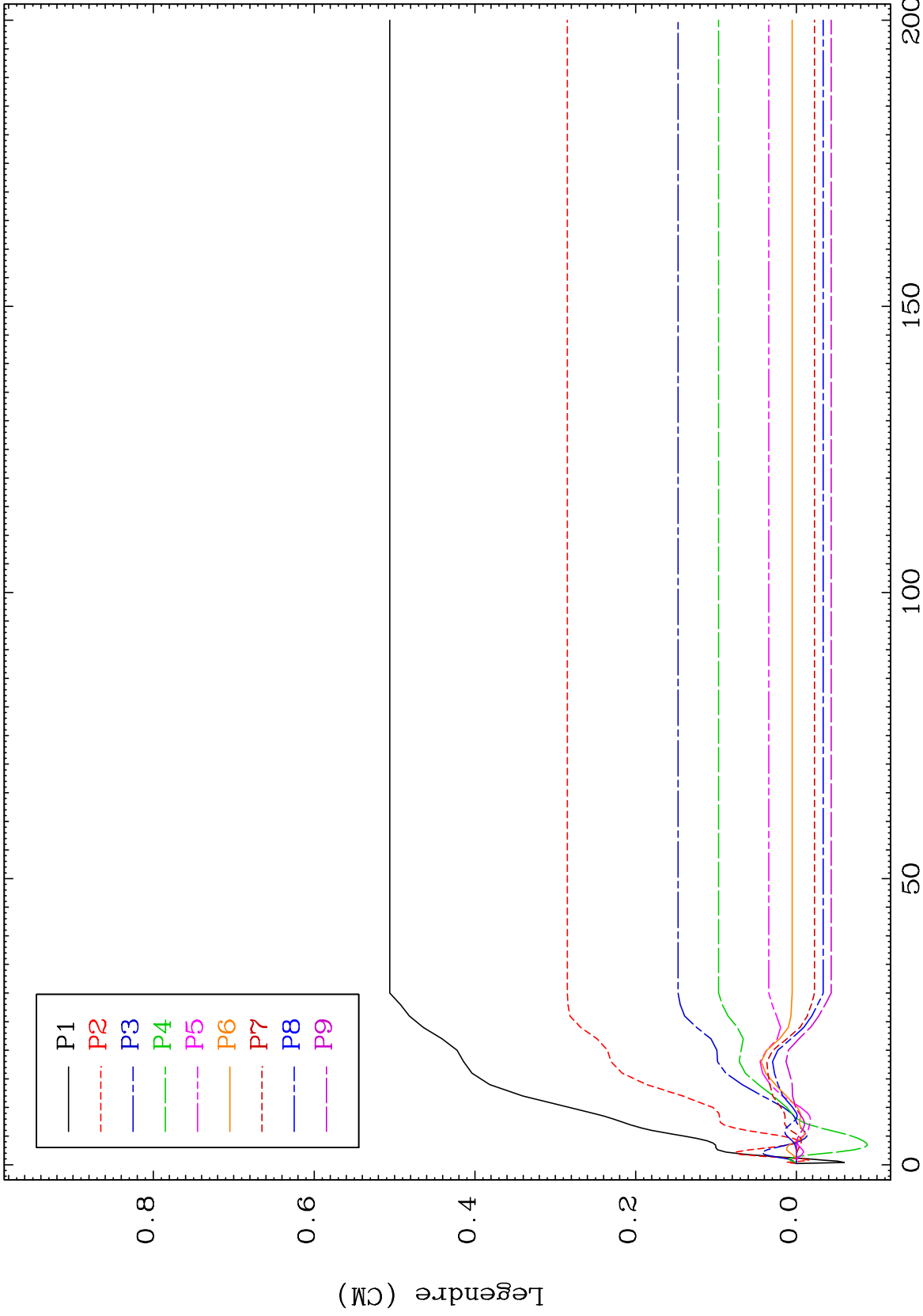




MAT 5992

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

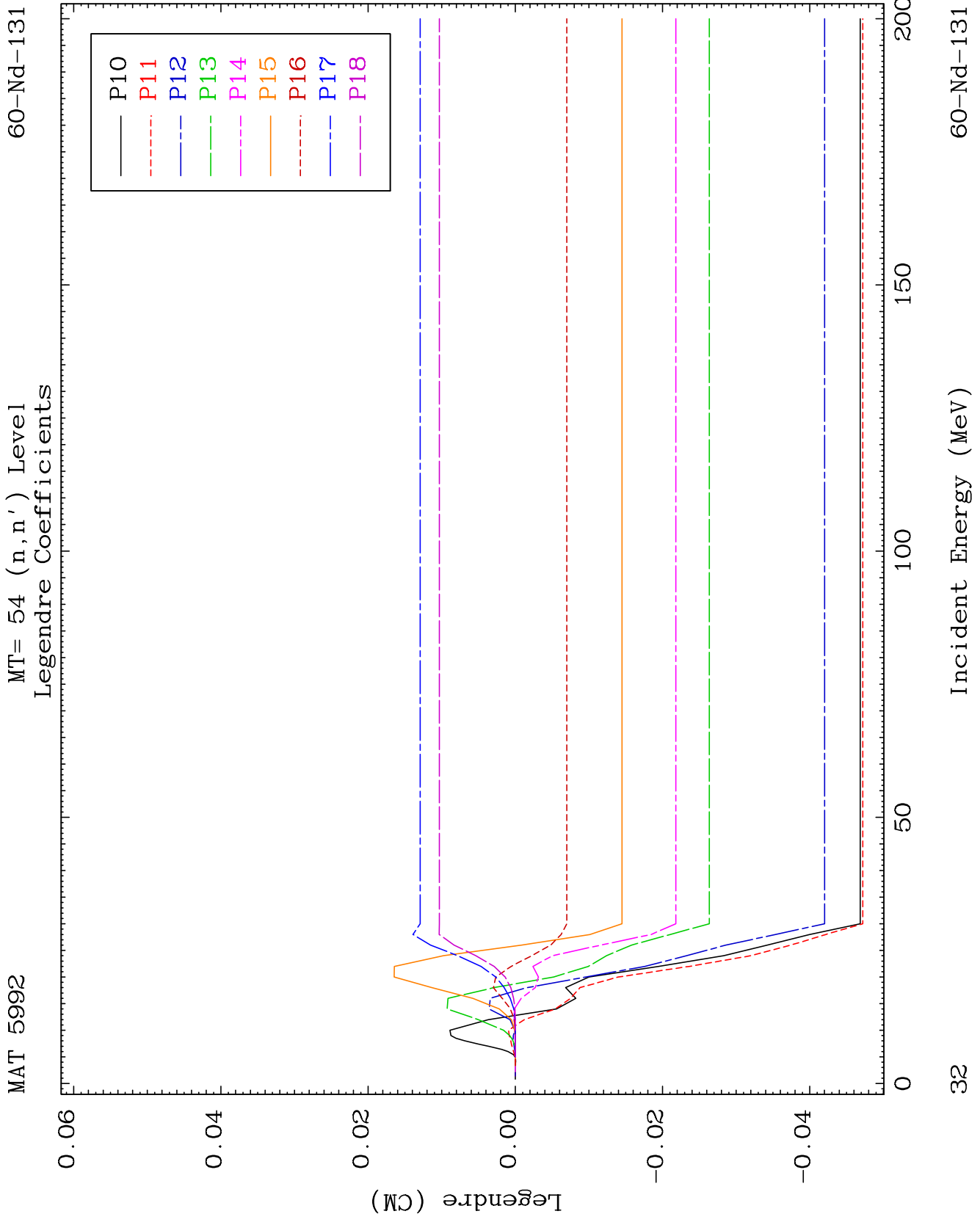
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Incident Energy (MeV)

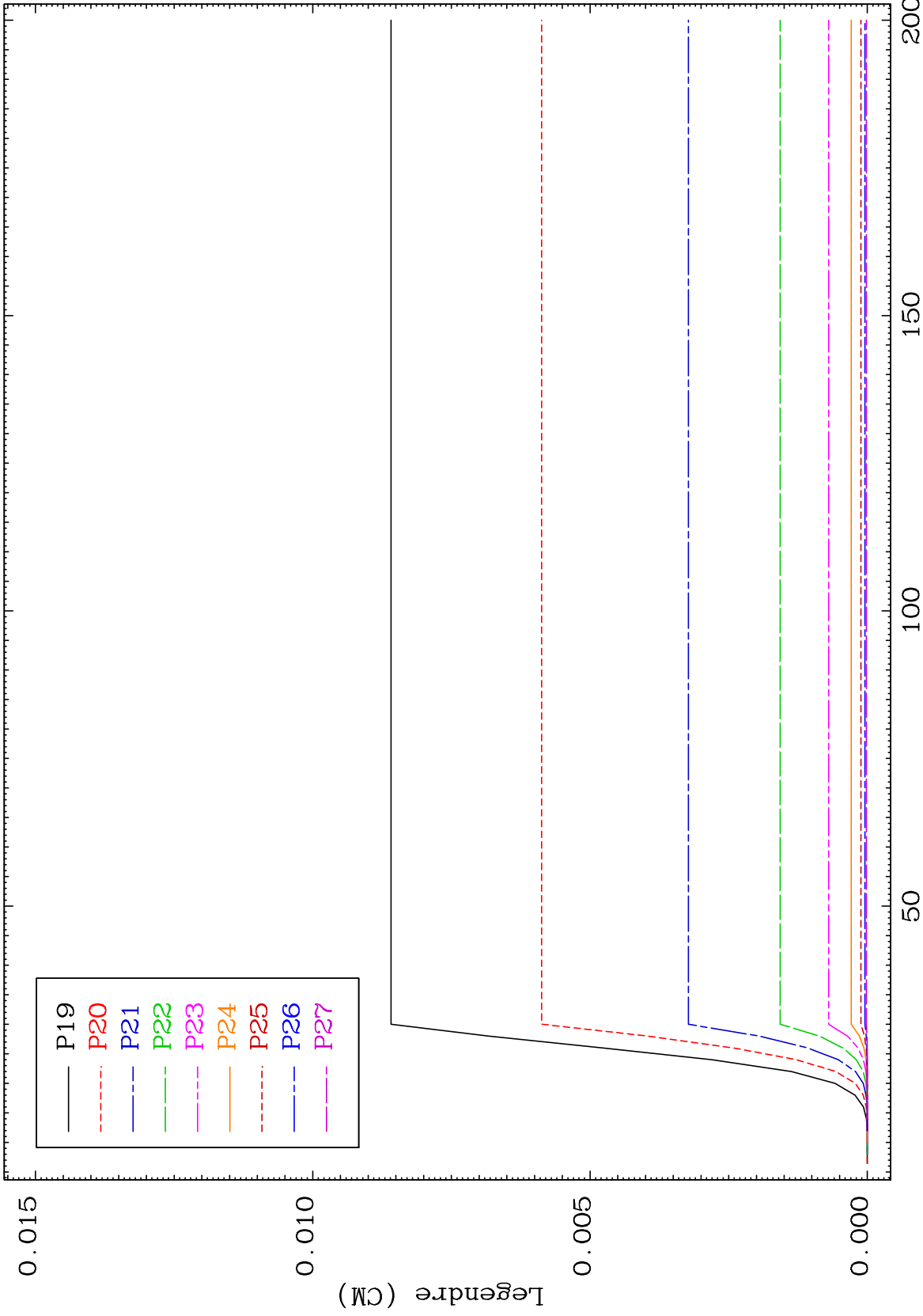
60-Nd-131



MAT 5992

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

60-Nd-131



33

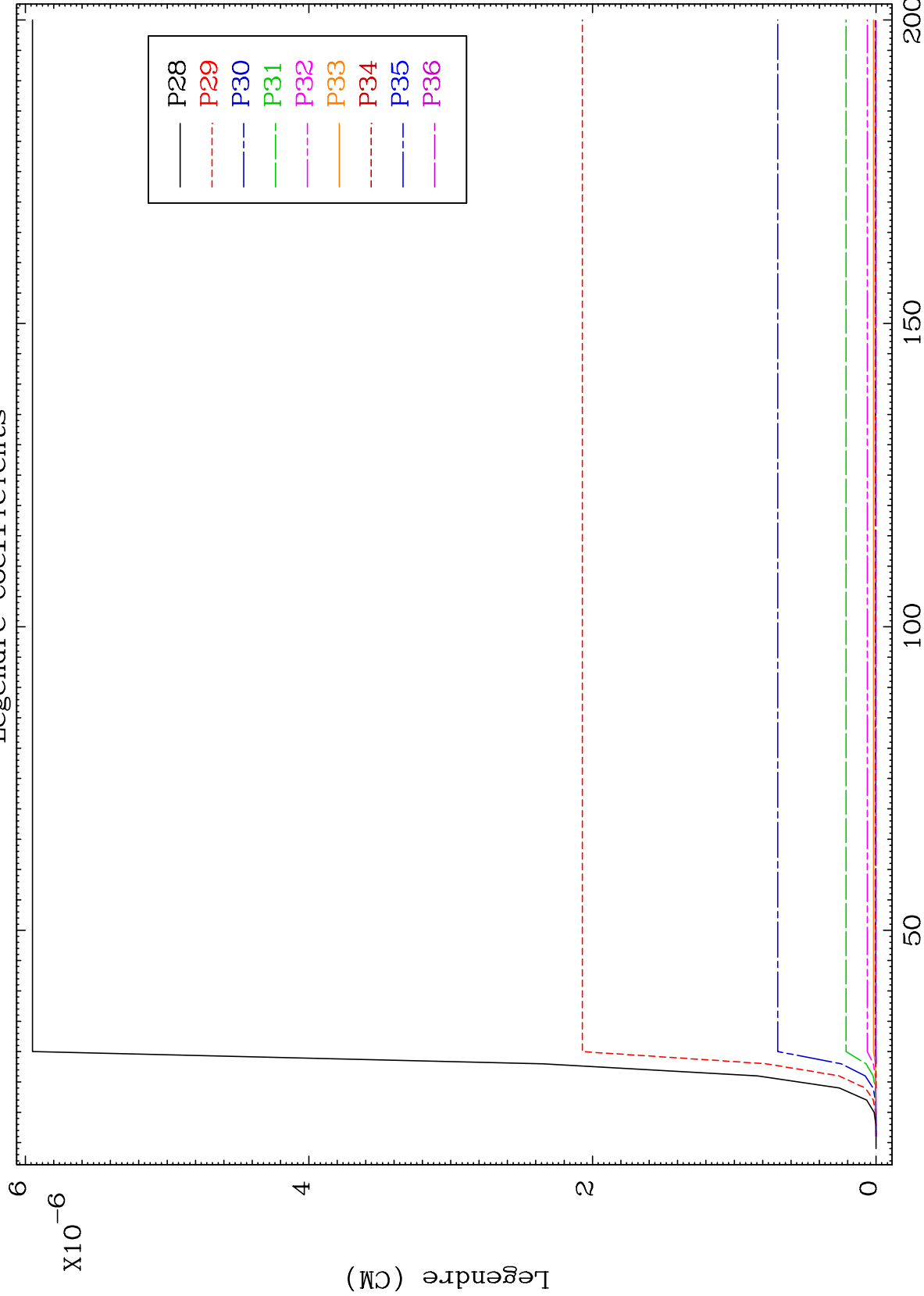
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



34

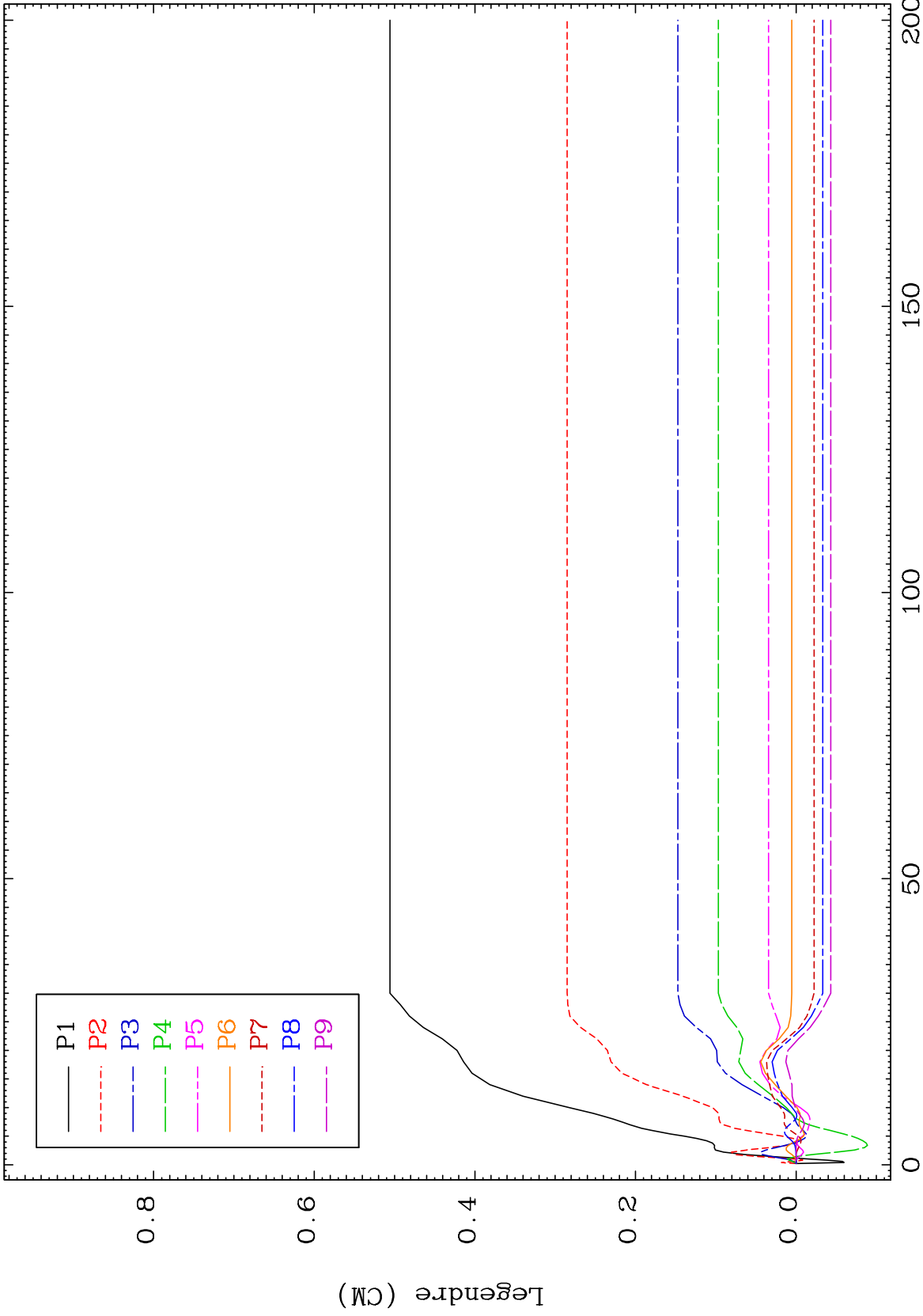
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

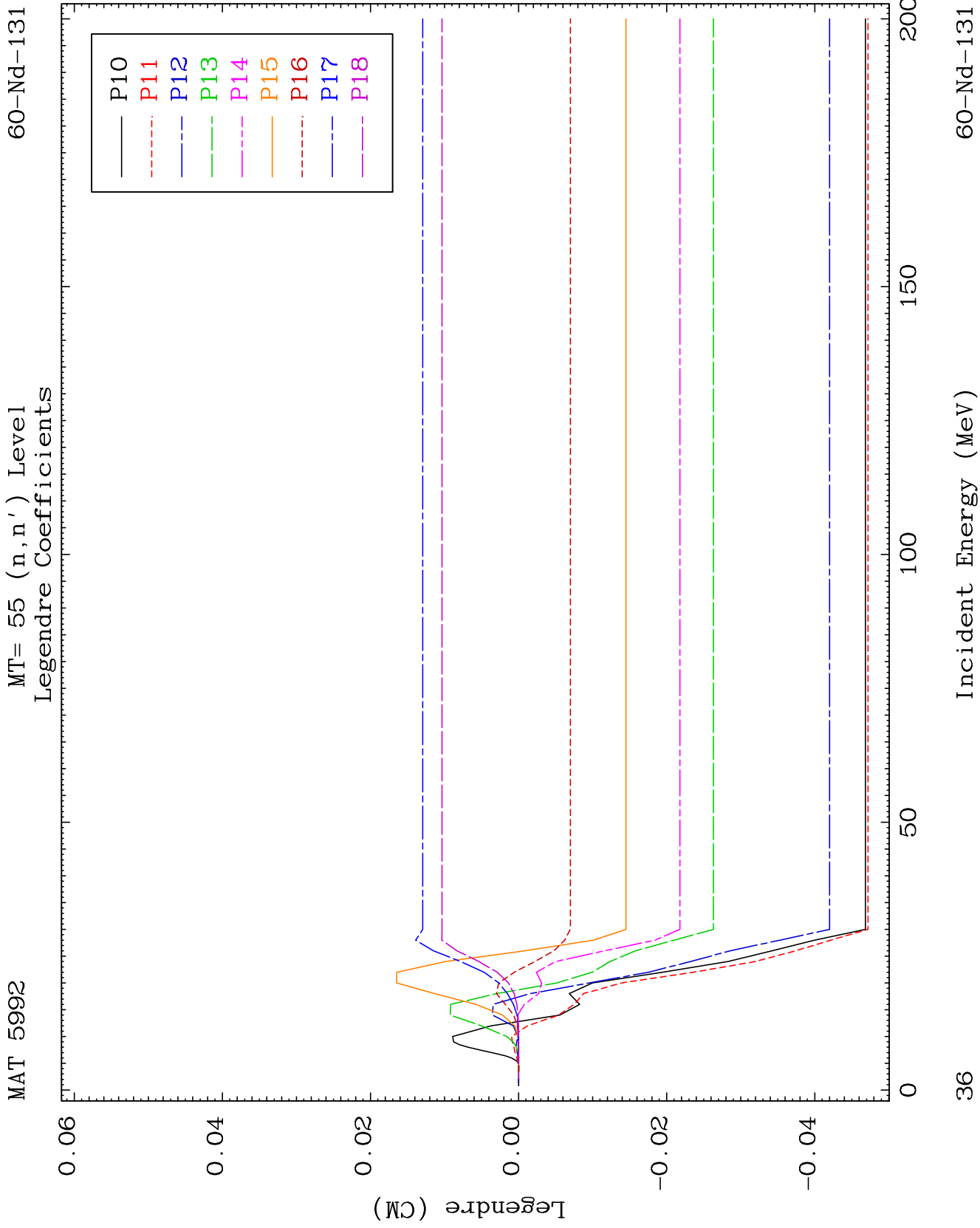
60-Nd-131



60-Nd-131

Incident Energy (MeV)

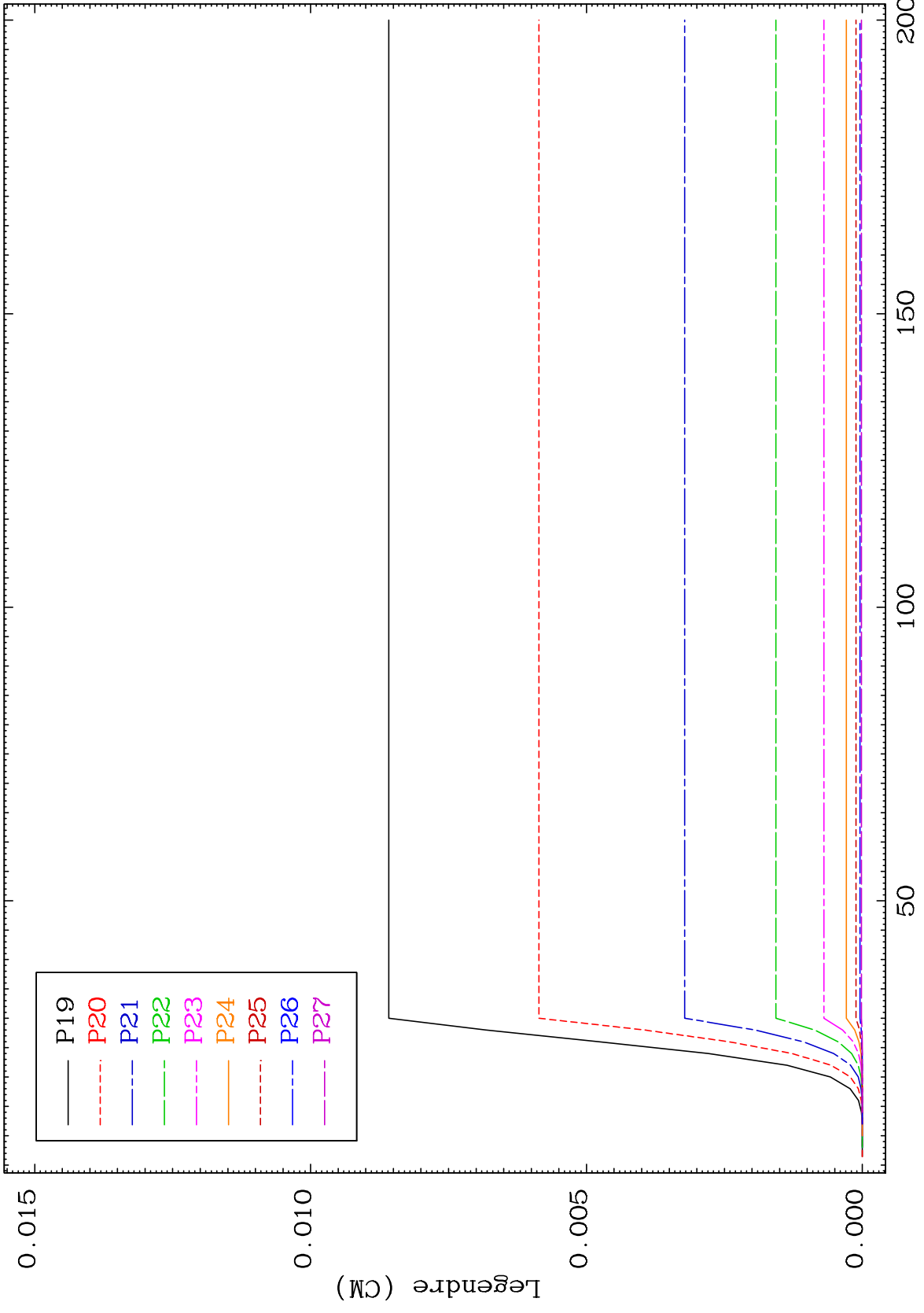
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MAT 5992

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

60-Nd-131

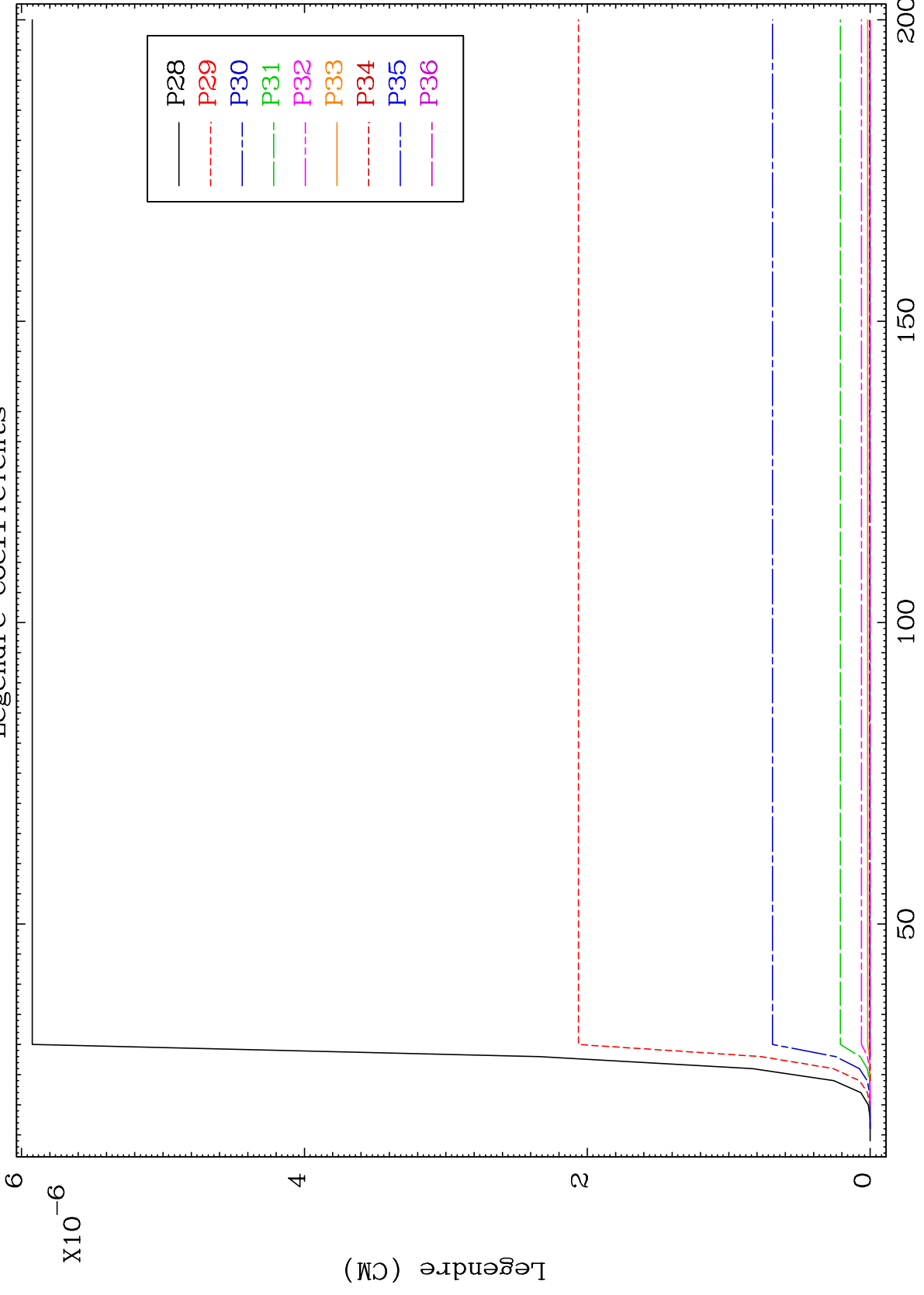


37

Incident Energy (MeV)

60-Nd-131

MAT 5992 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-131



38

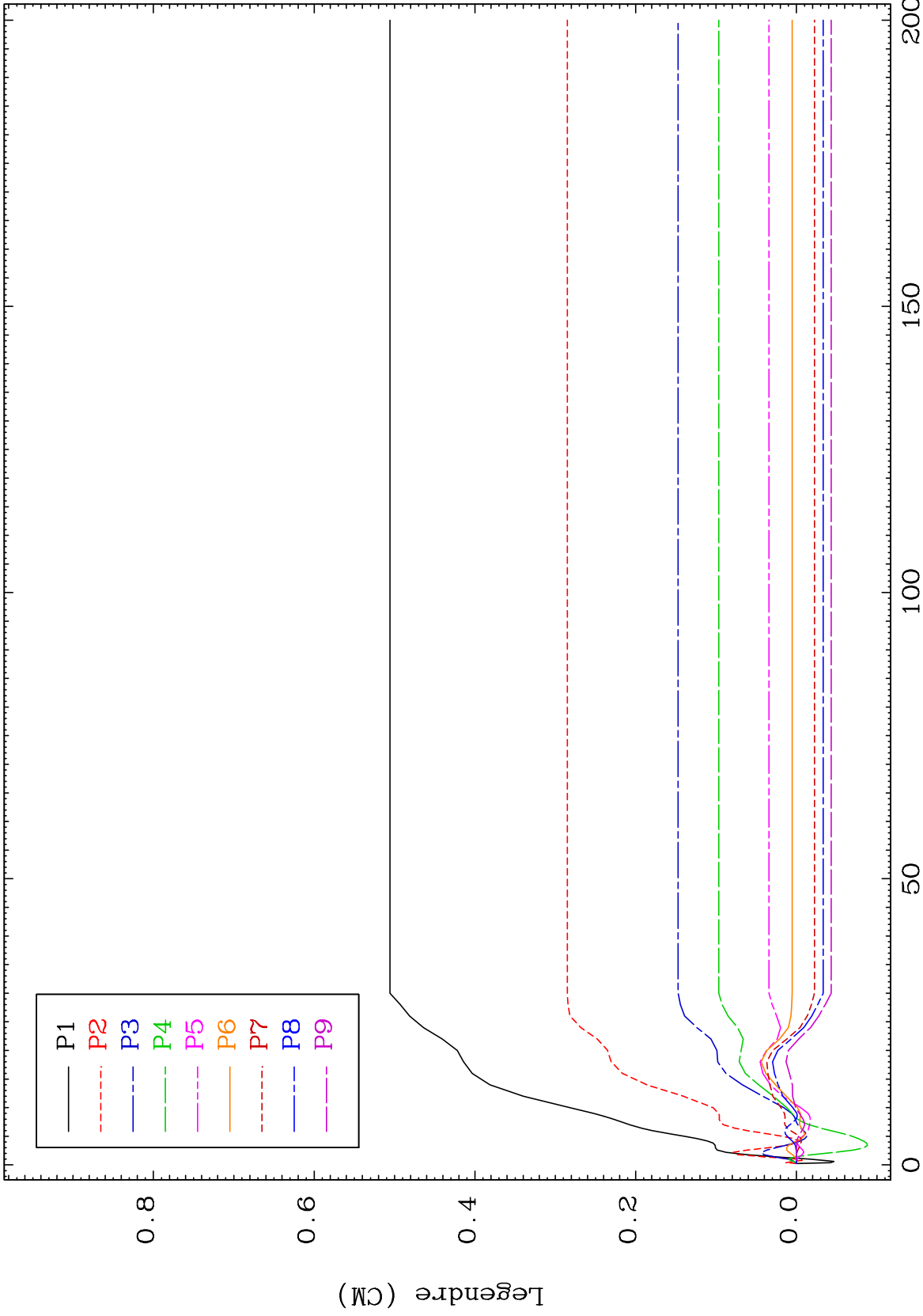
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



39

Incident Energy (MeV)

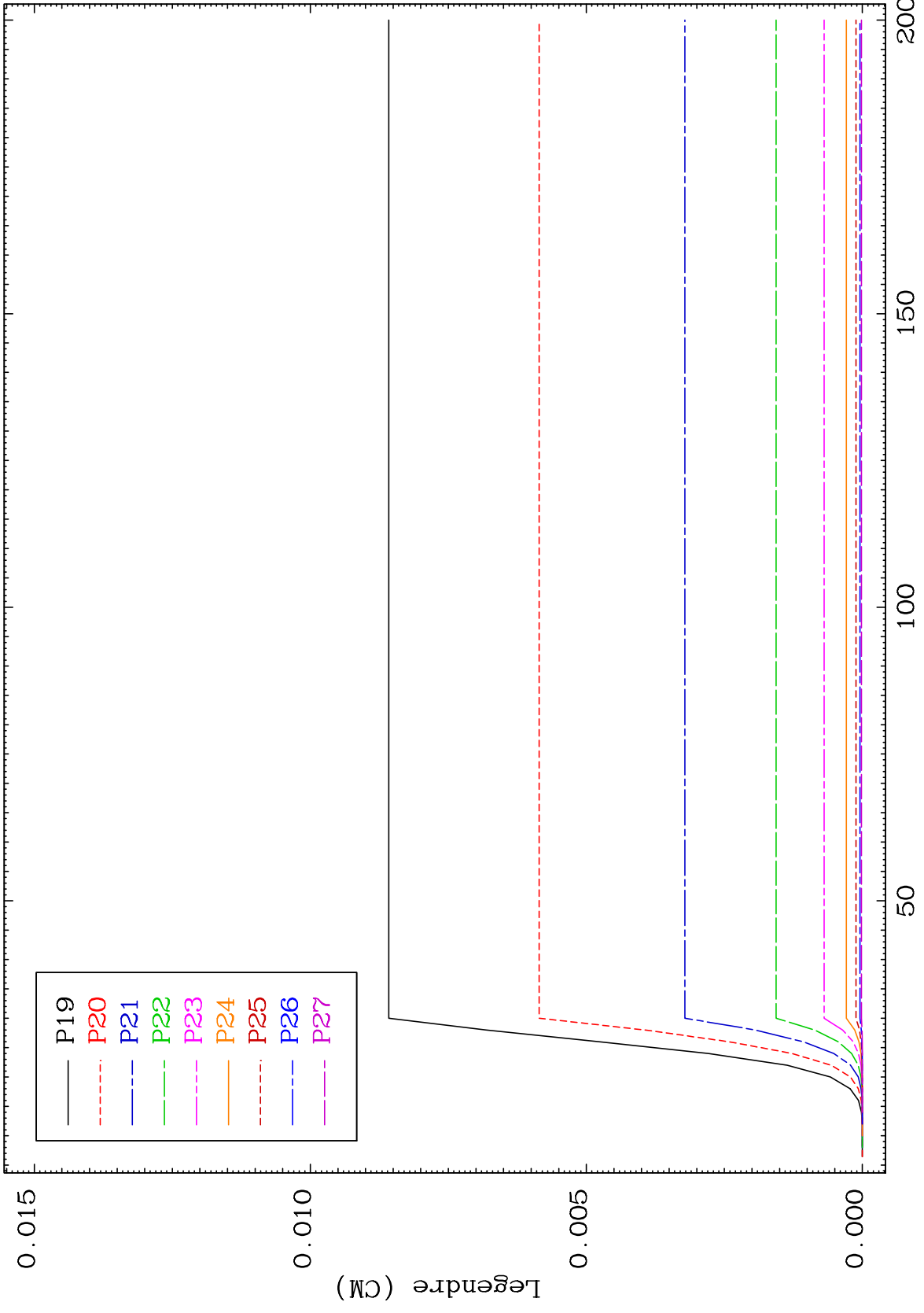
60-Nd-131



MAT 5992

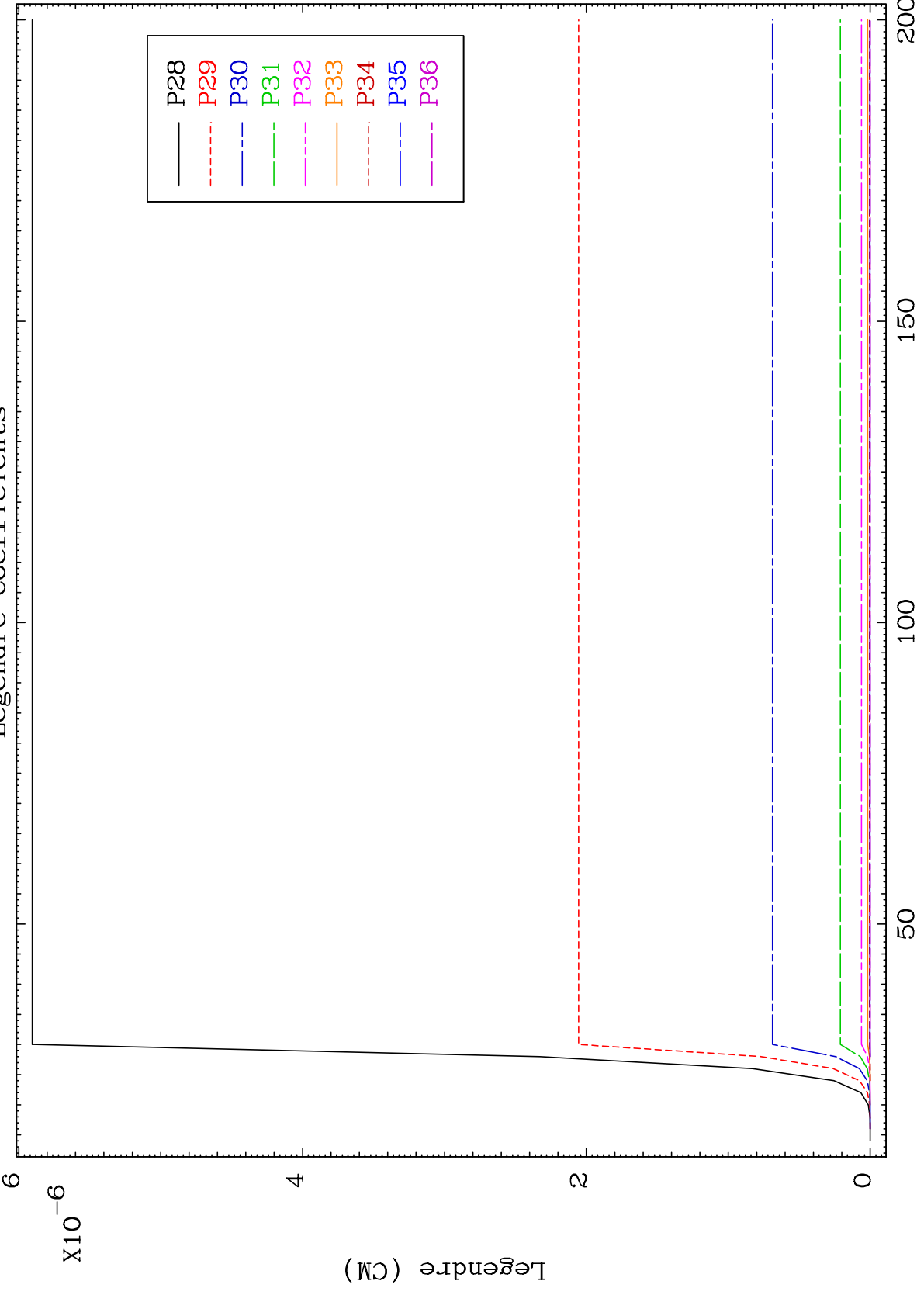
MT= 56 (n,n') Level  
Legendre Coefficients

60-Nd-131



60-Nd-131

MAT 5992 MT= 56 (n,n') Level Legendre Coefficients 60-Nd-131

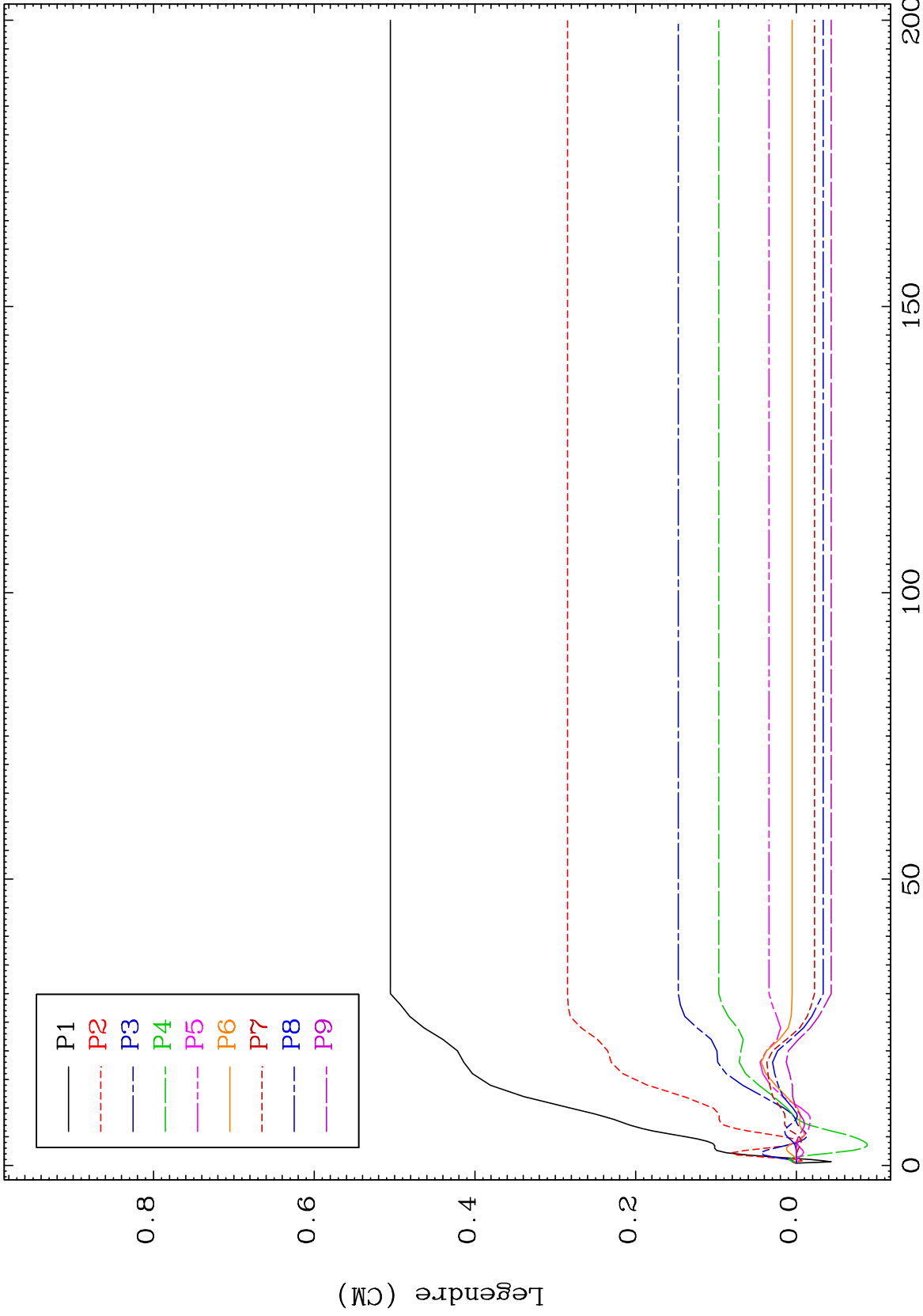


42 Incident Energy (MeV) 60-Nd-131

MAT 5992

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

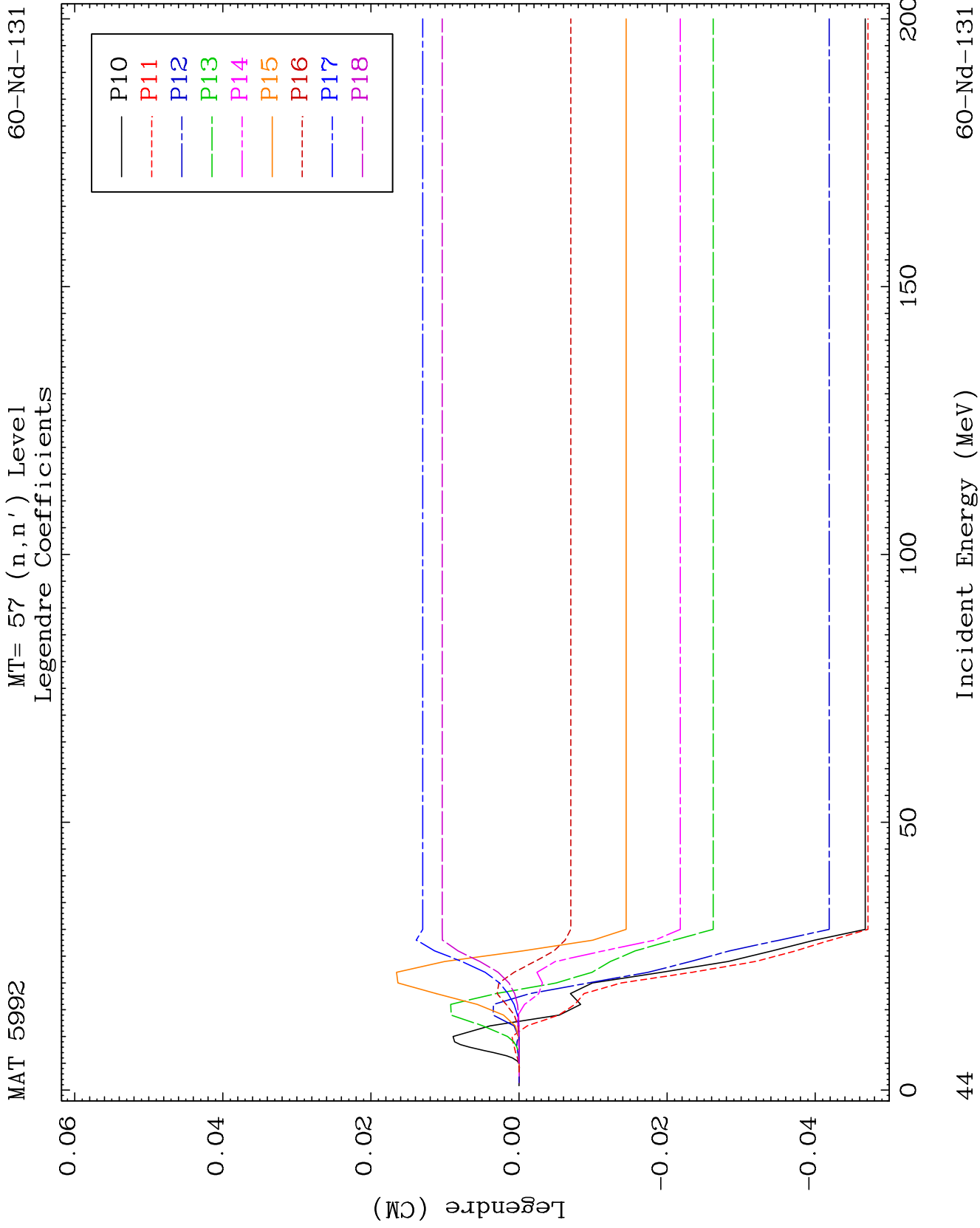
60-Nd-131



43

Incident Energy (MeV)

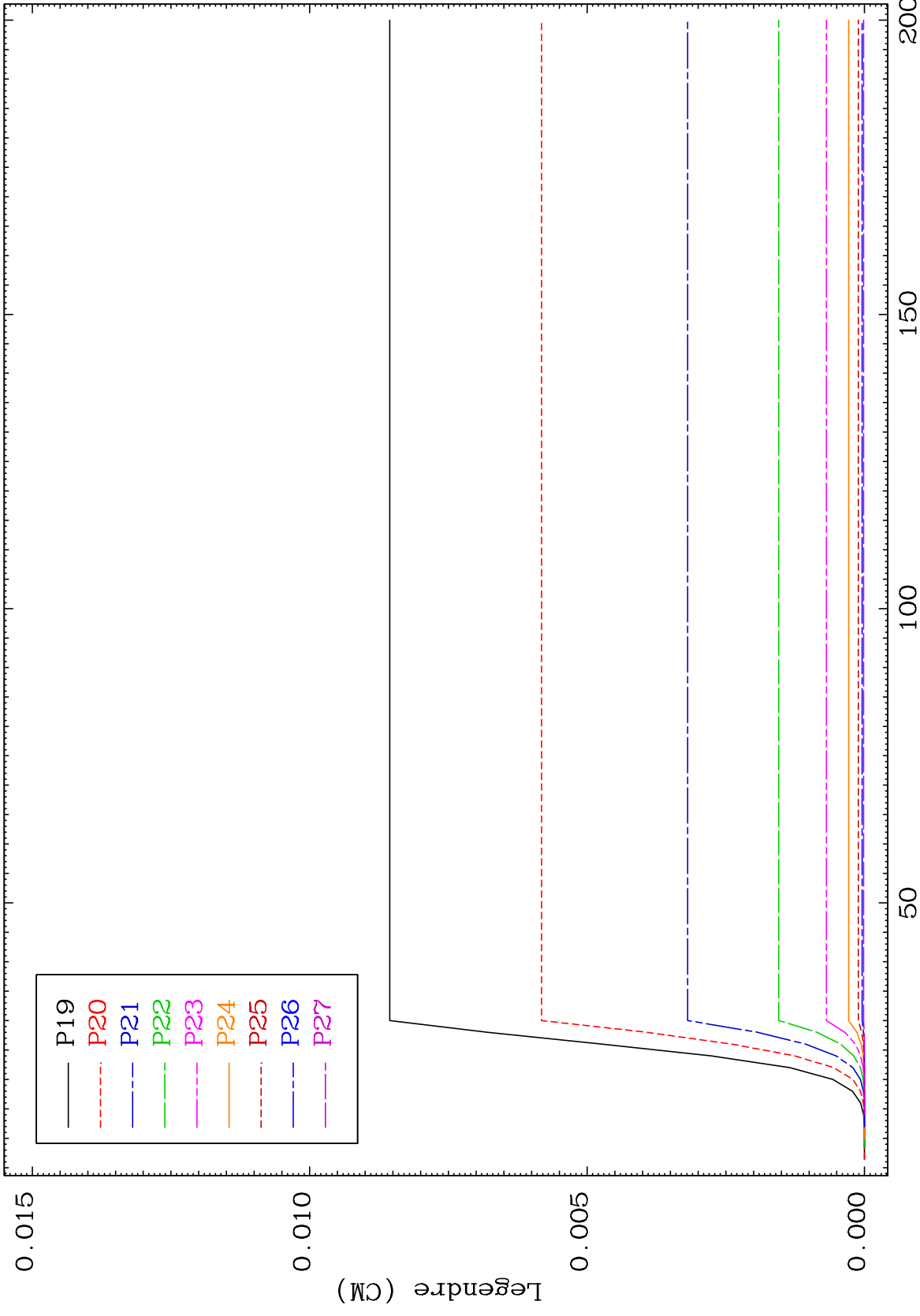
60-Nd-131



MAT 5992

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

60-Nd-131



45

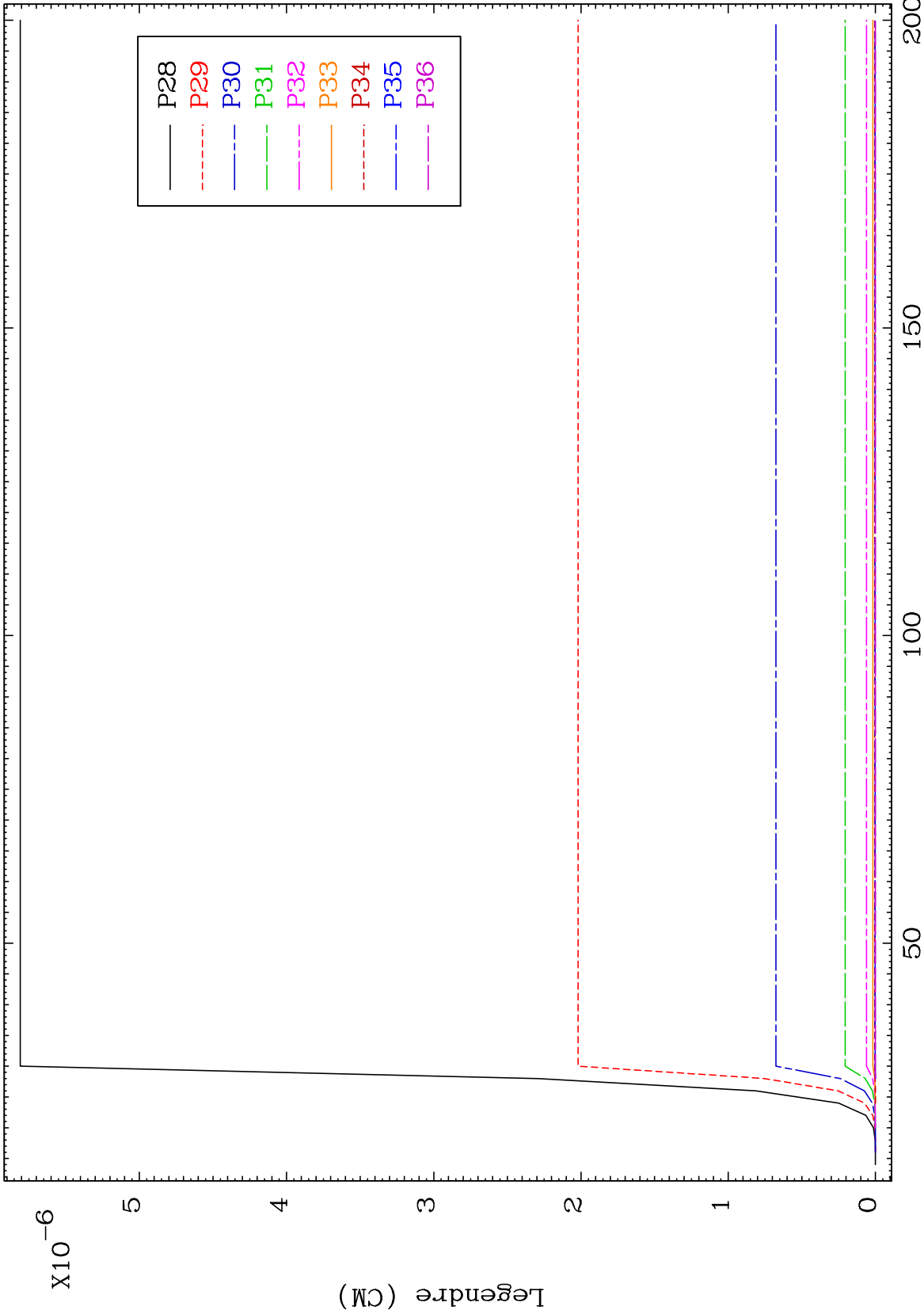
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



46

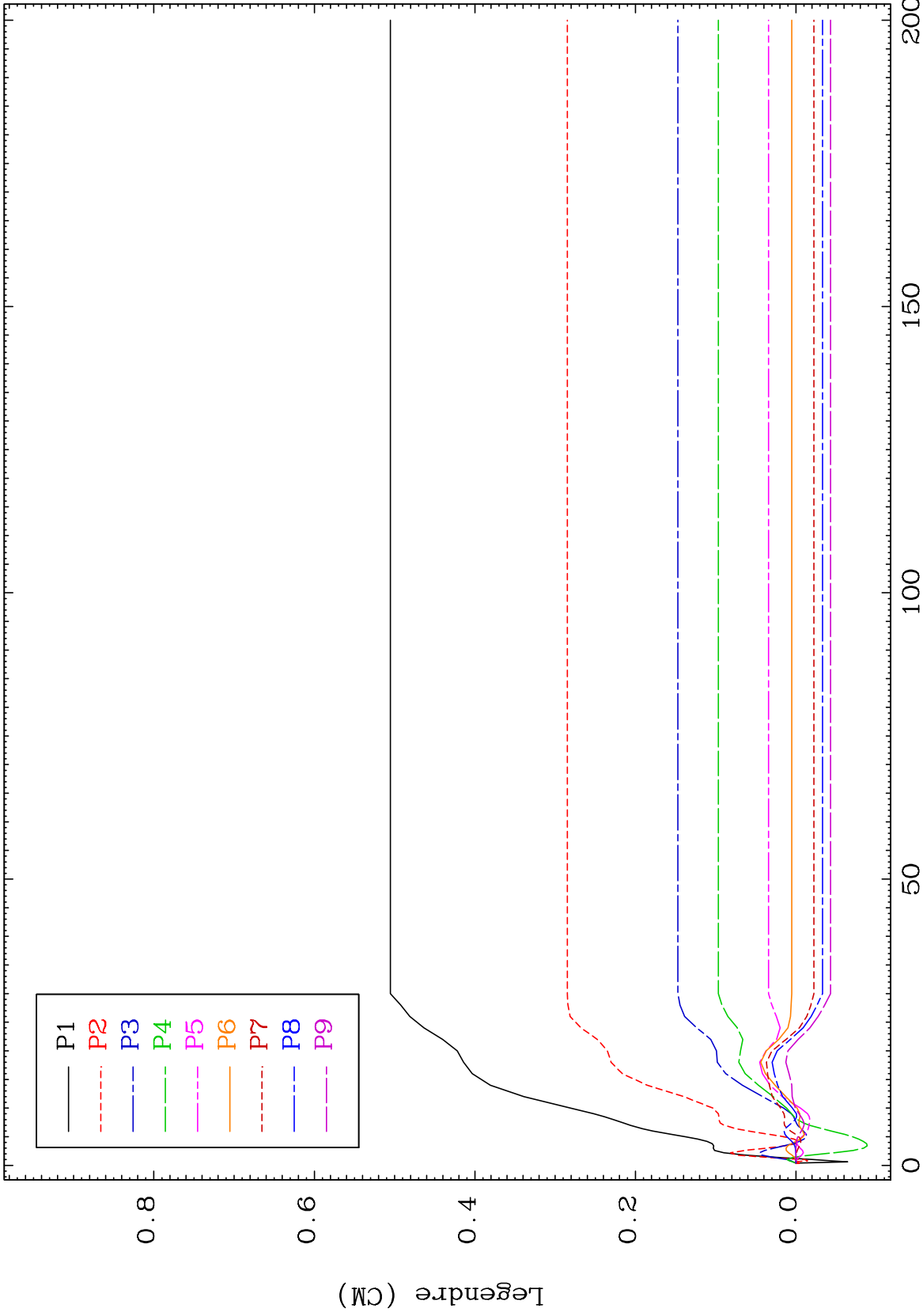
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

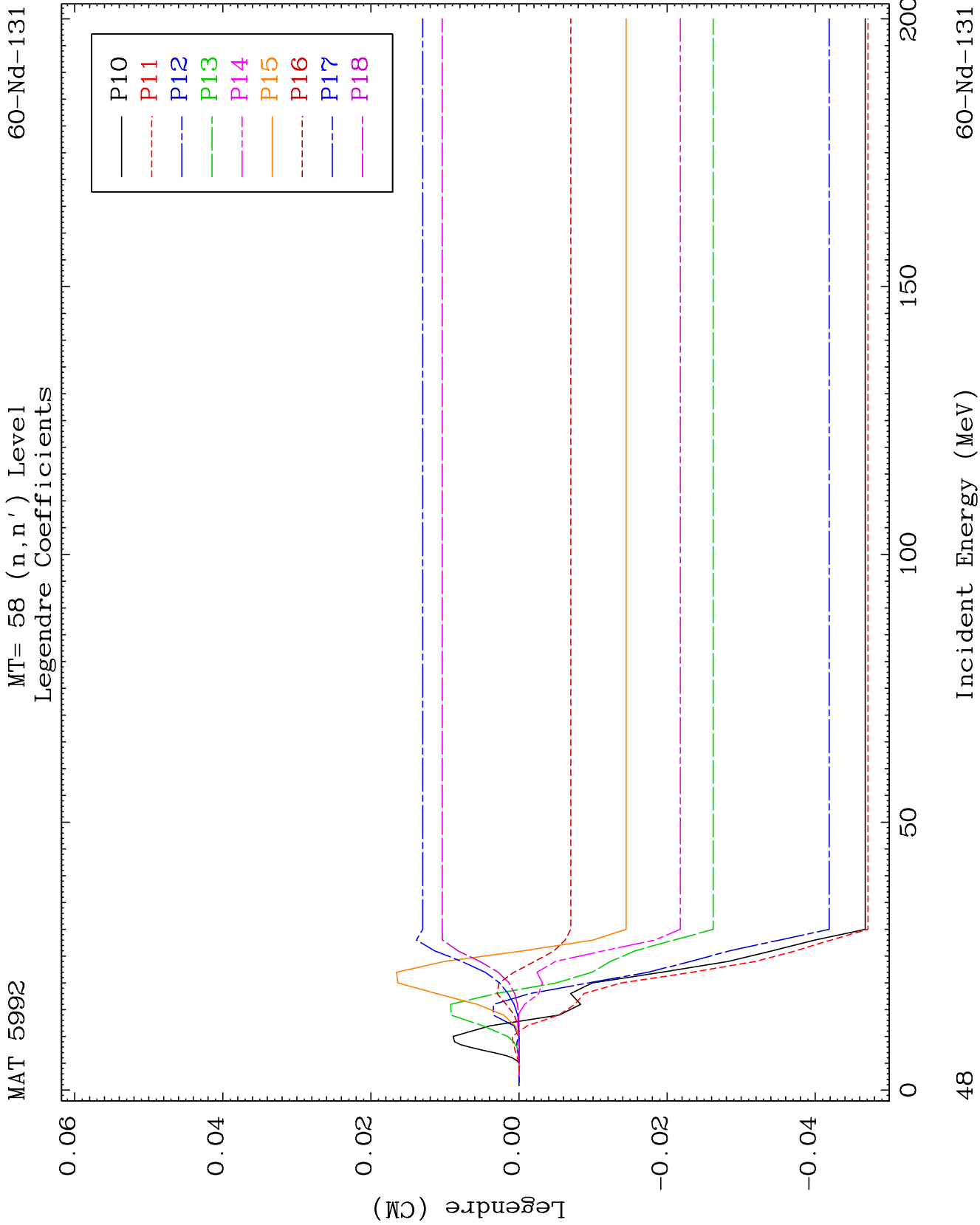
60-Nd-131



47

Incident Energy (MeV)

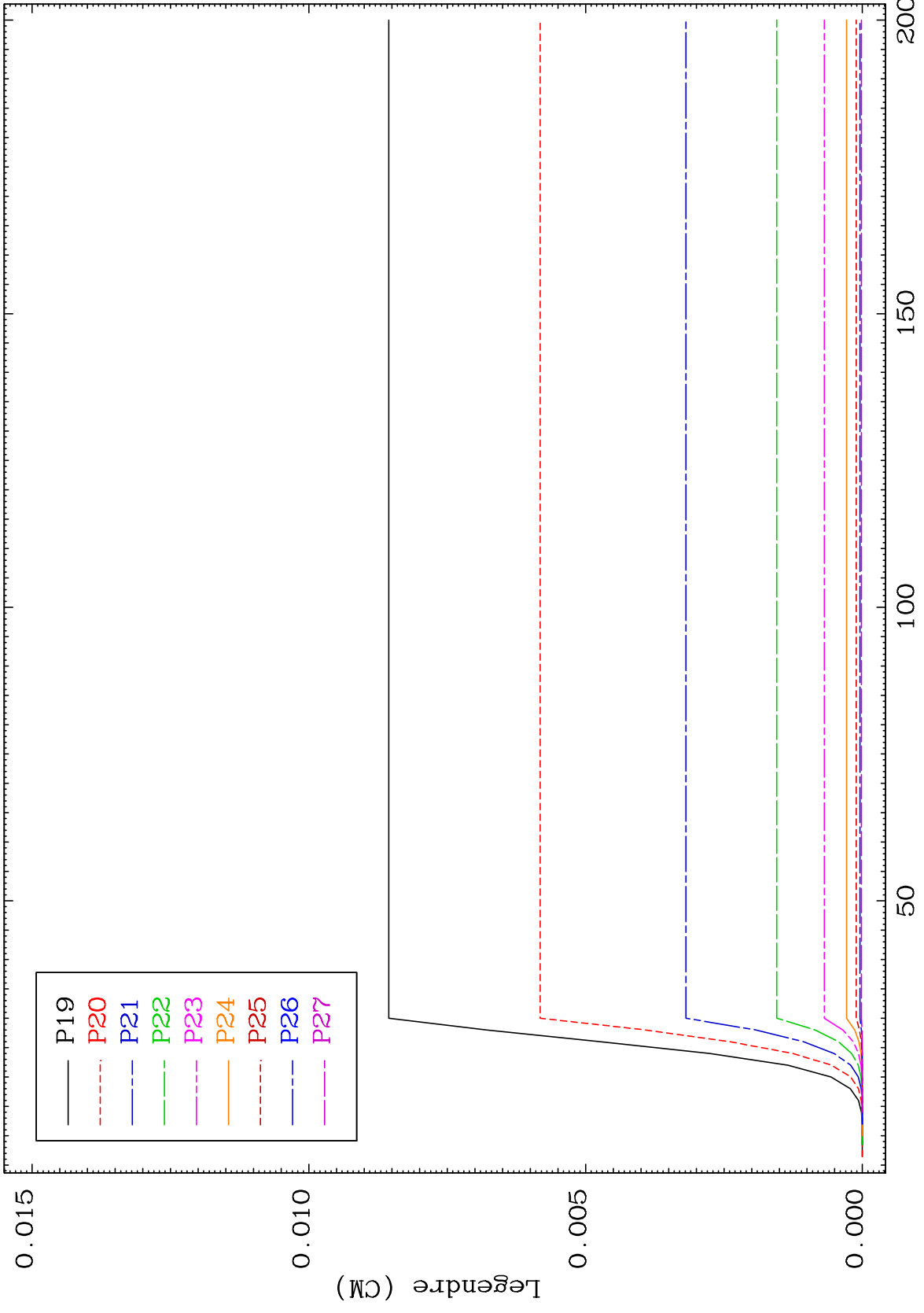
60-Nd-131



MAT 5992

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

60-Nd-131



49

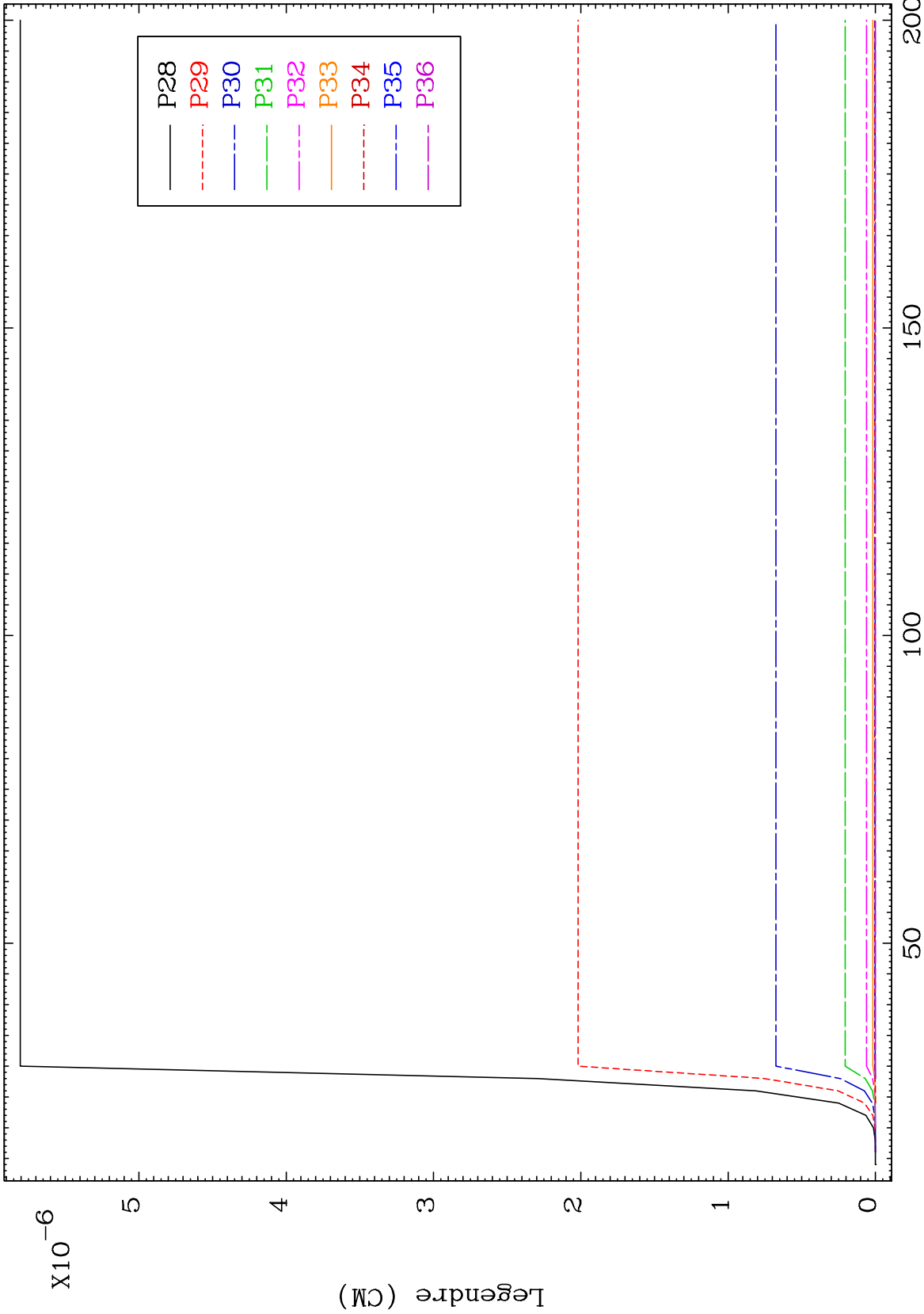
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



50

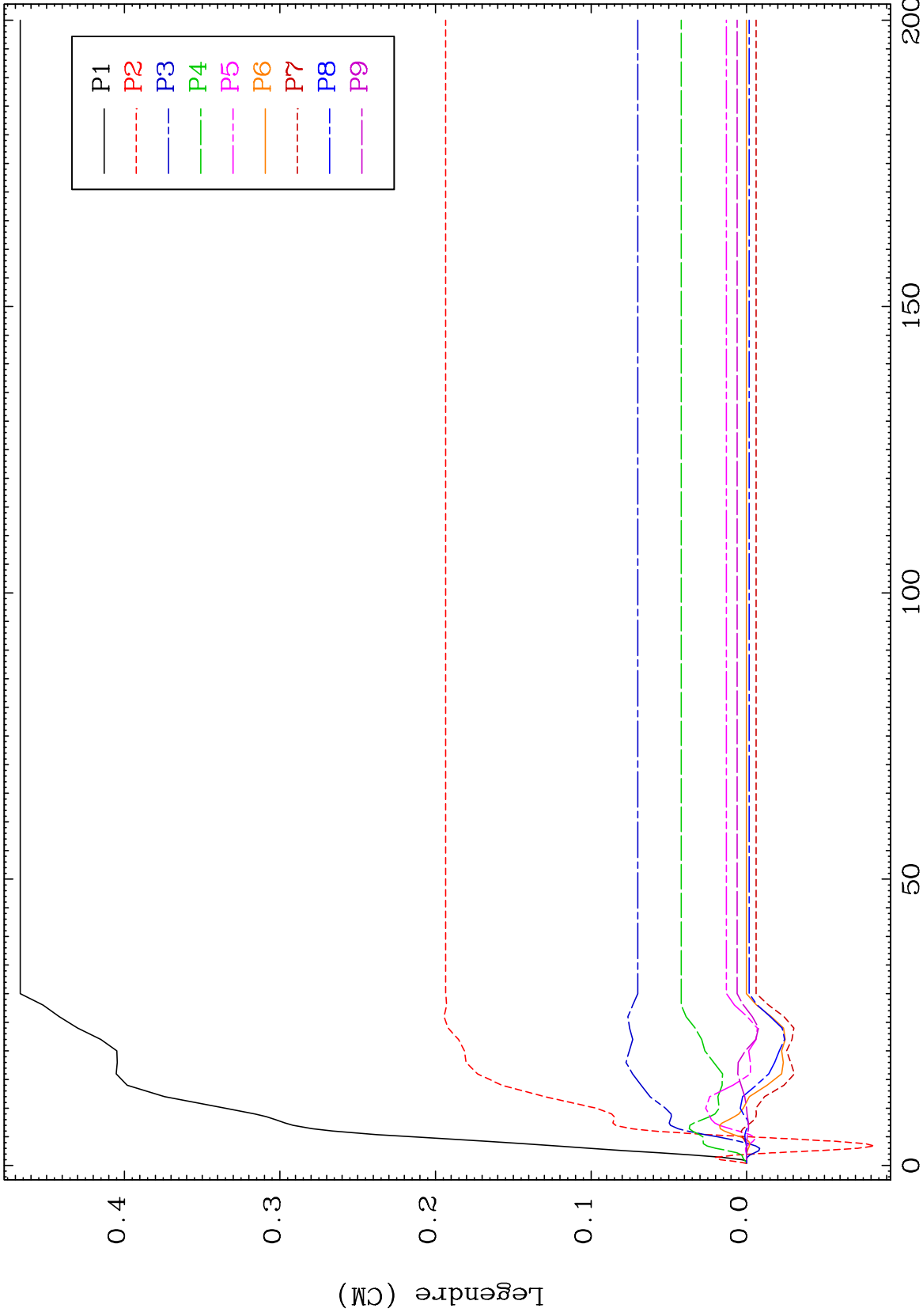
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



51

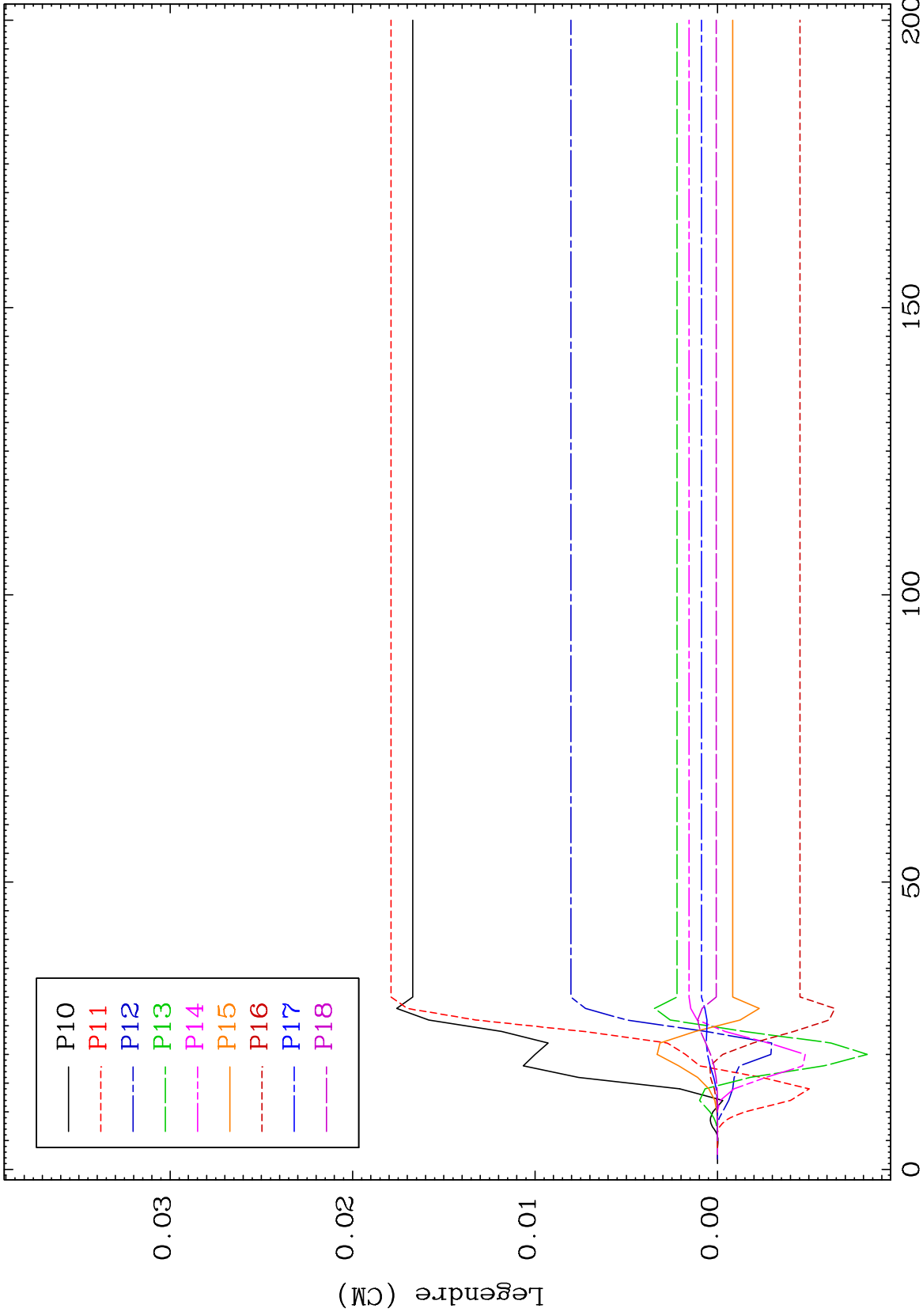
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



52

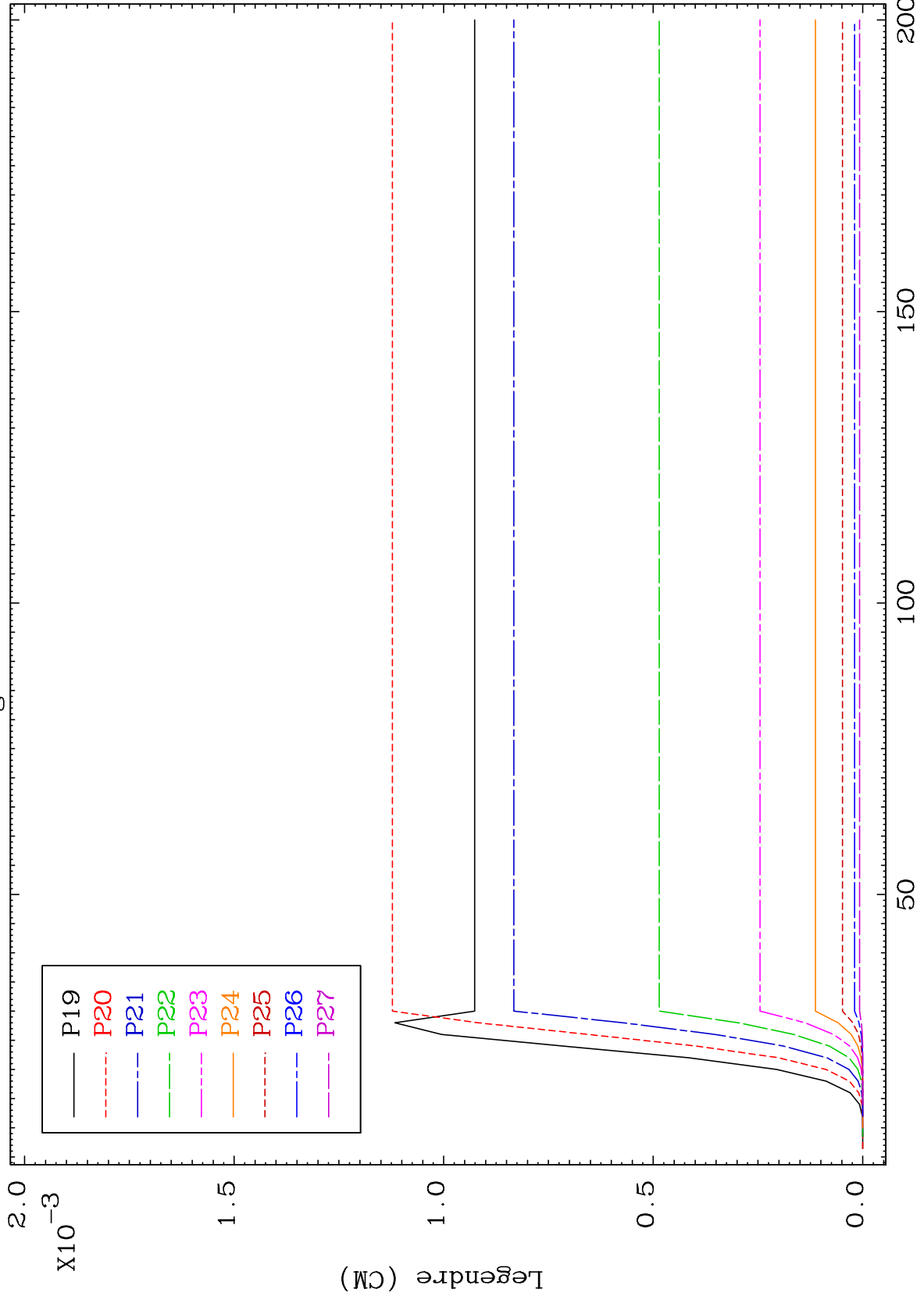
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



53

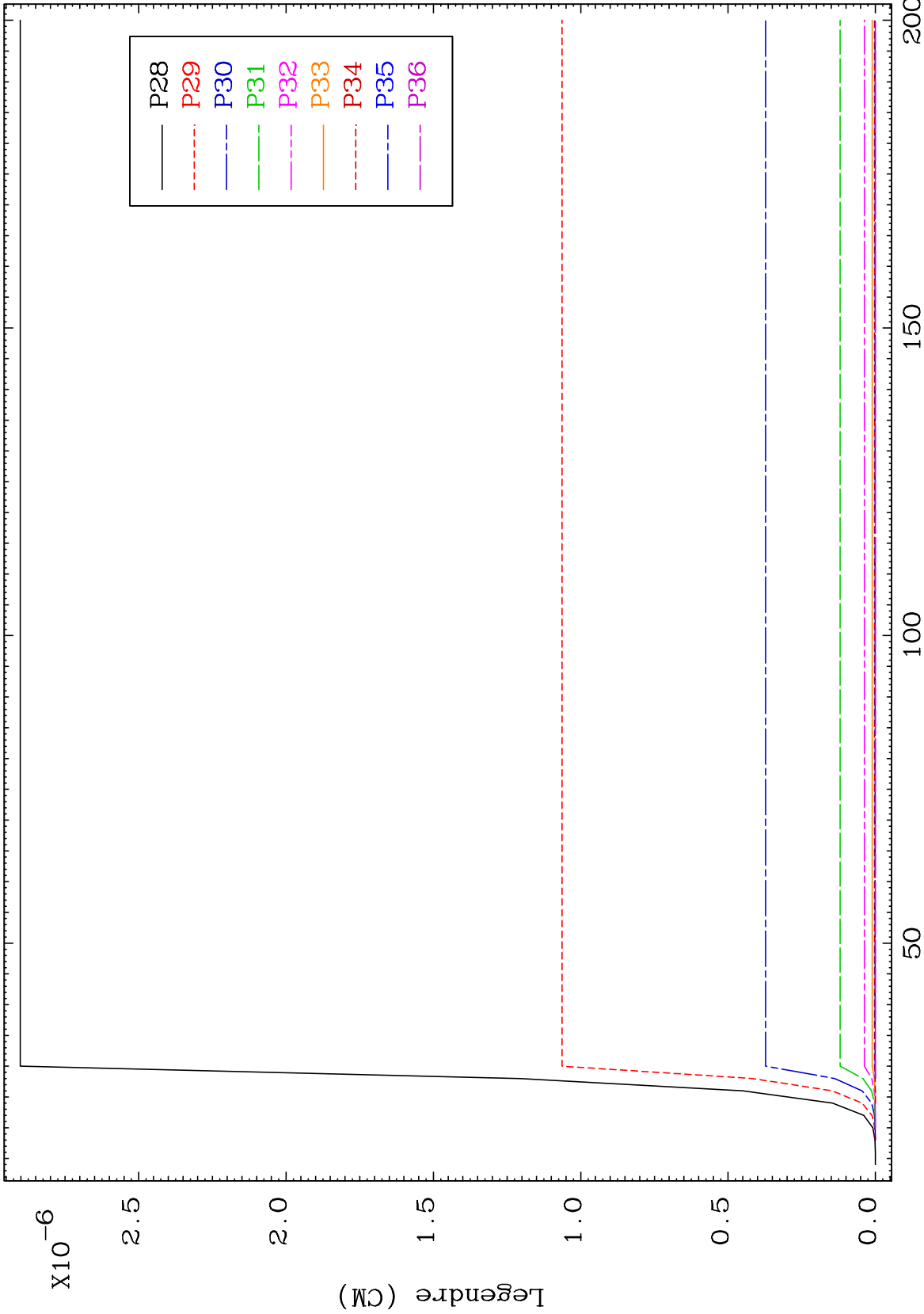
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



54

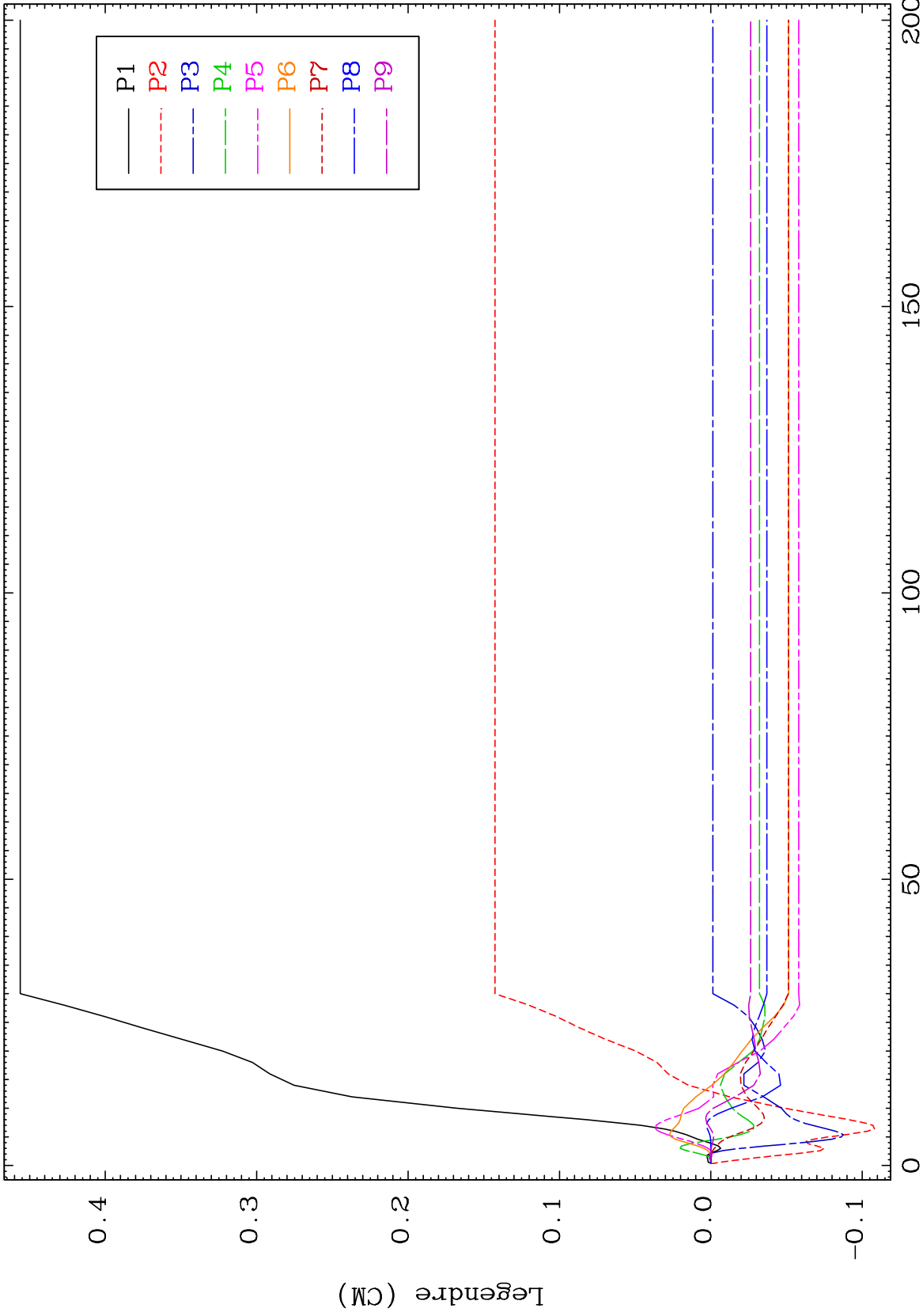
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



60-Nd-131

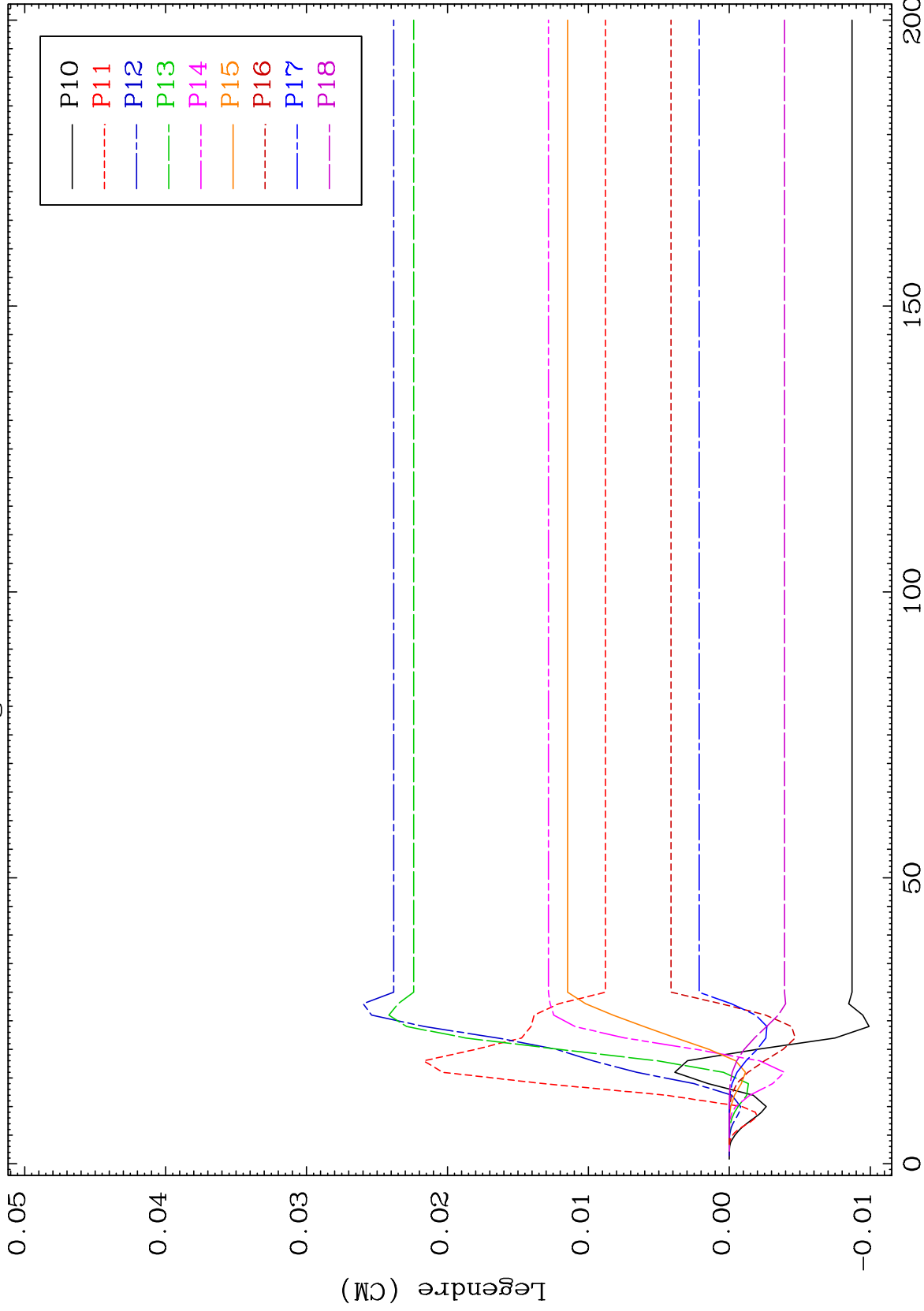
Incident Energy (MeV)

55

MAT 5992

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

60-Nd-131



56

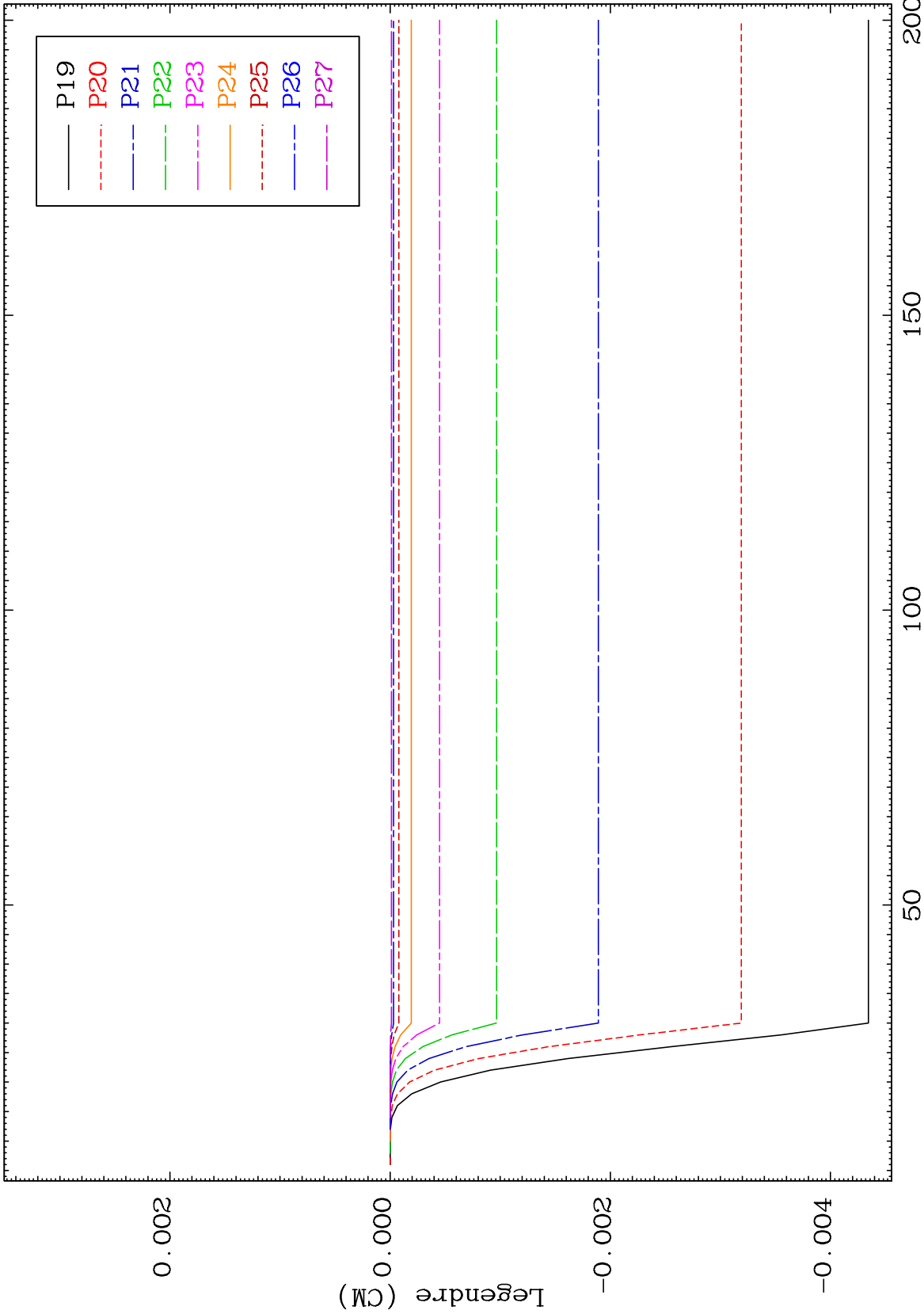
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

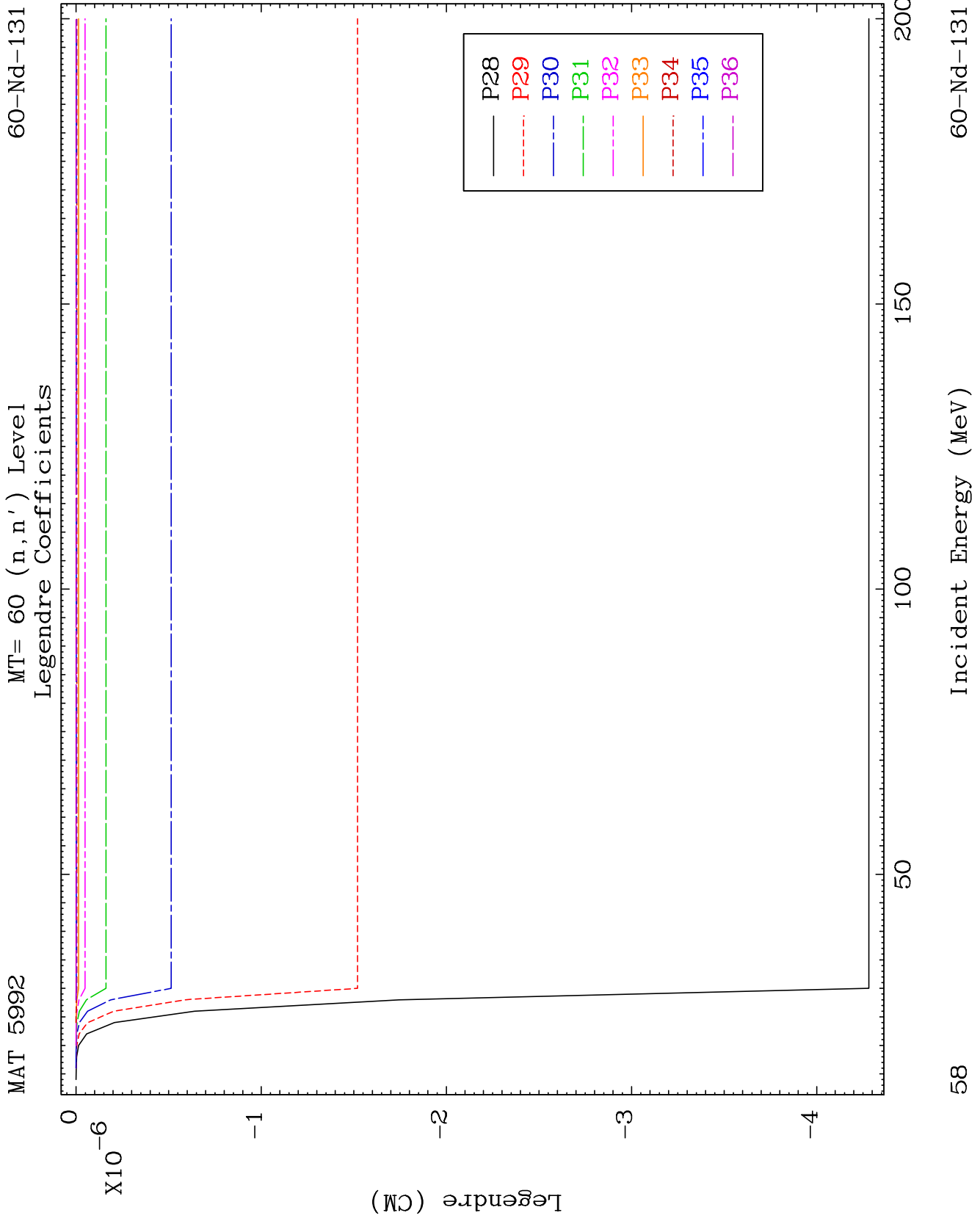
60-Nd-131



57

Incident Energy (MeV)

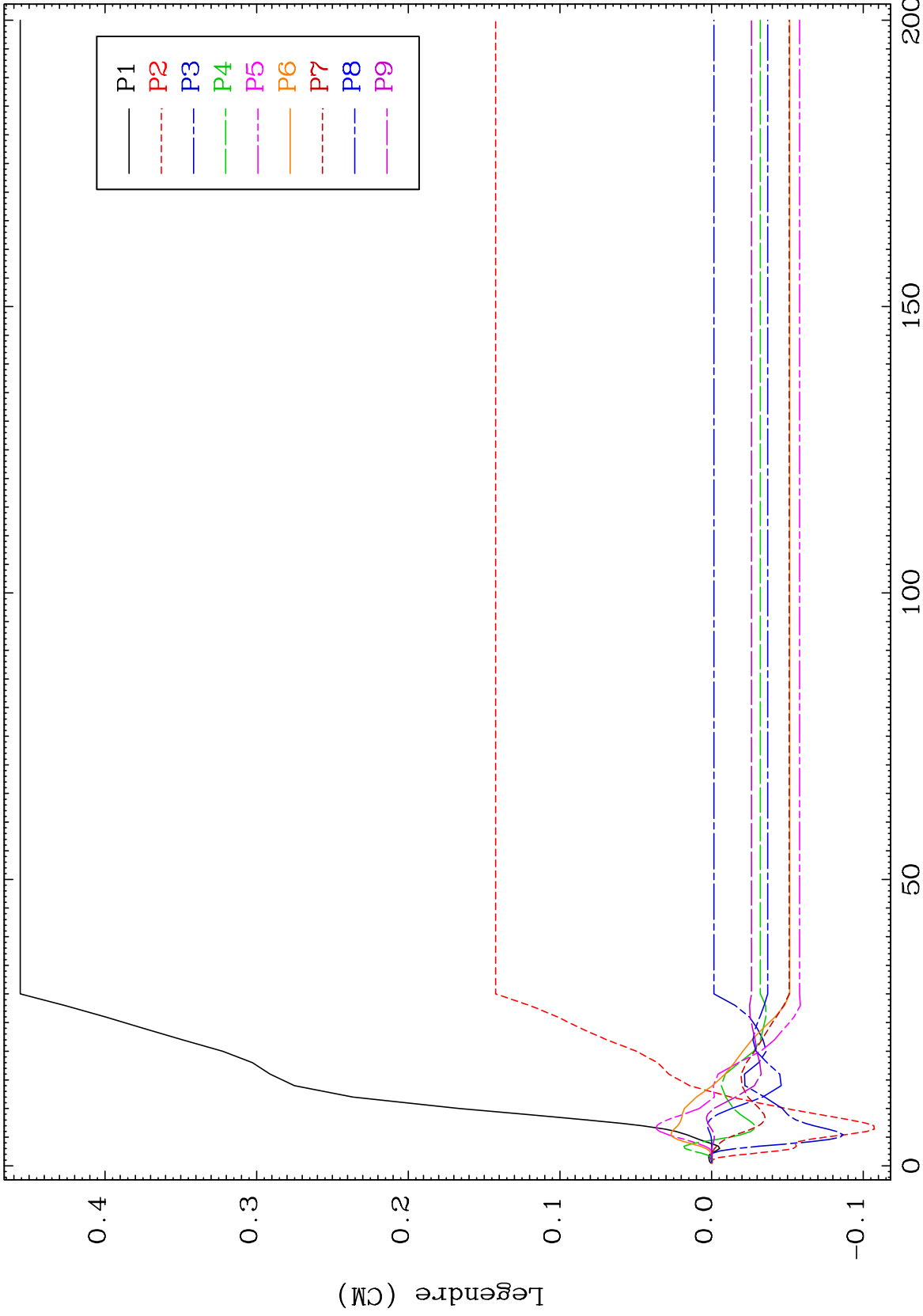
60-Nd-131



MAT 5992

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

60-Nd-131



59

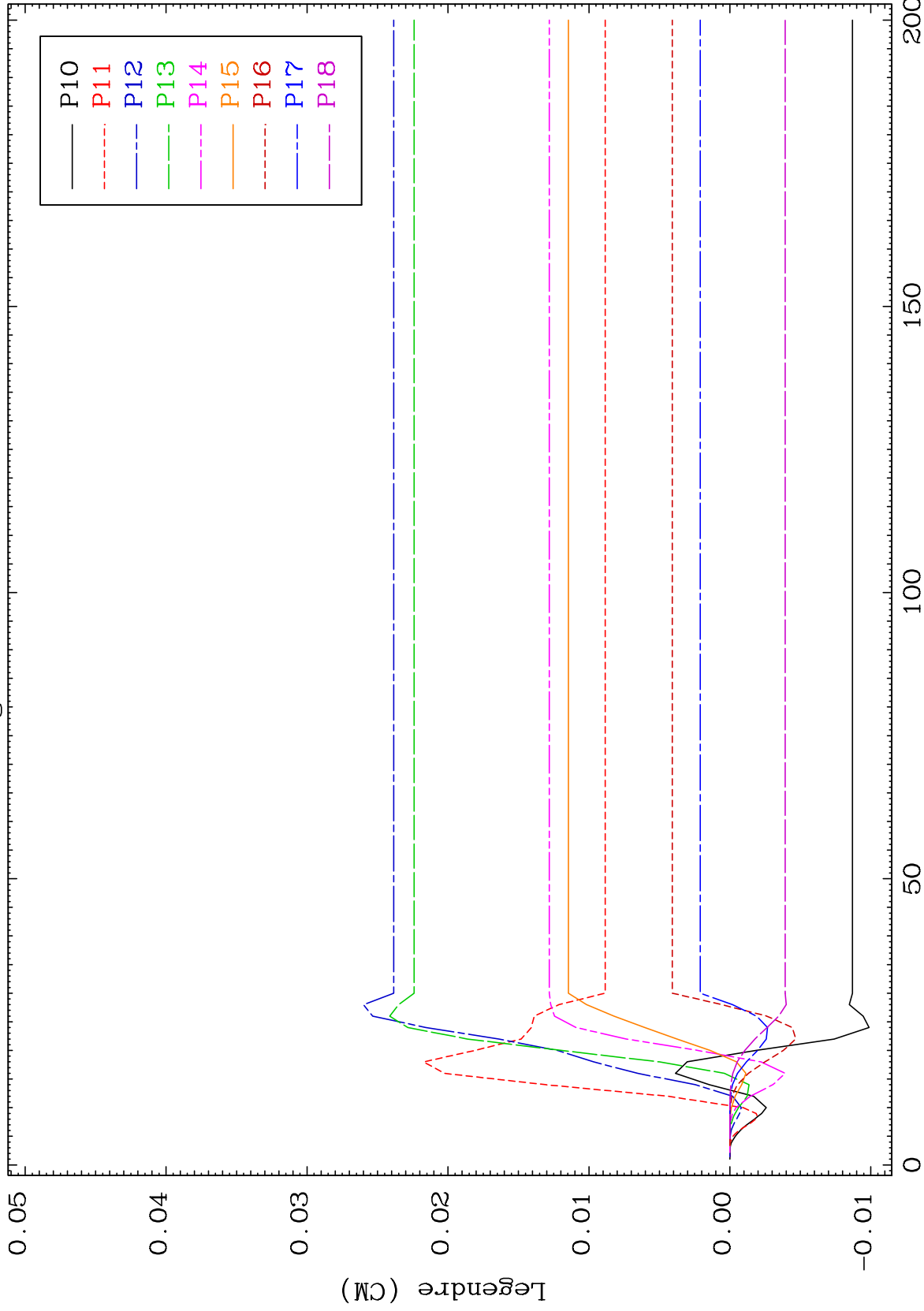
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



60-Nd-131

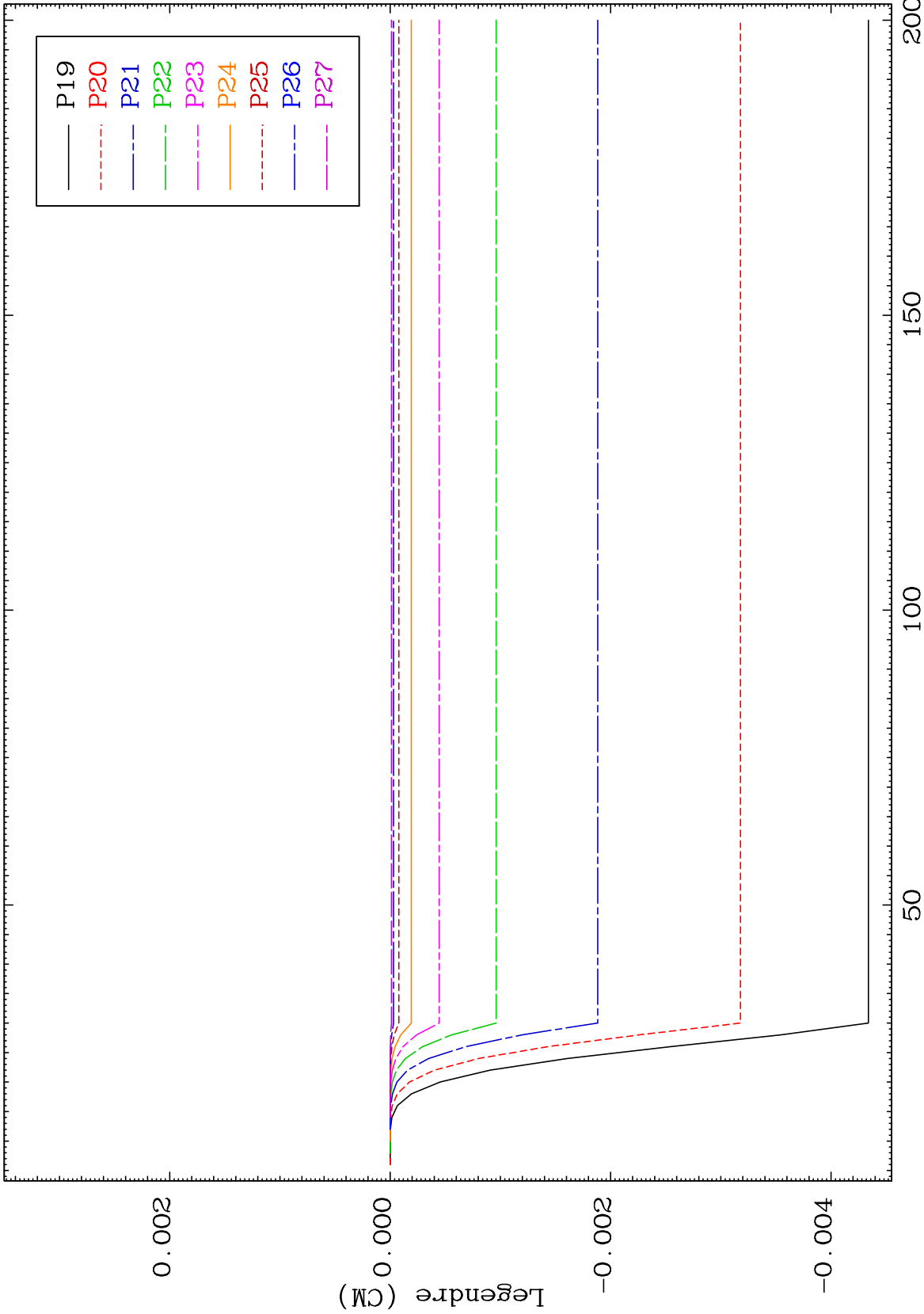
Incident Energy (MeV)

60

MAT 5992

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

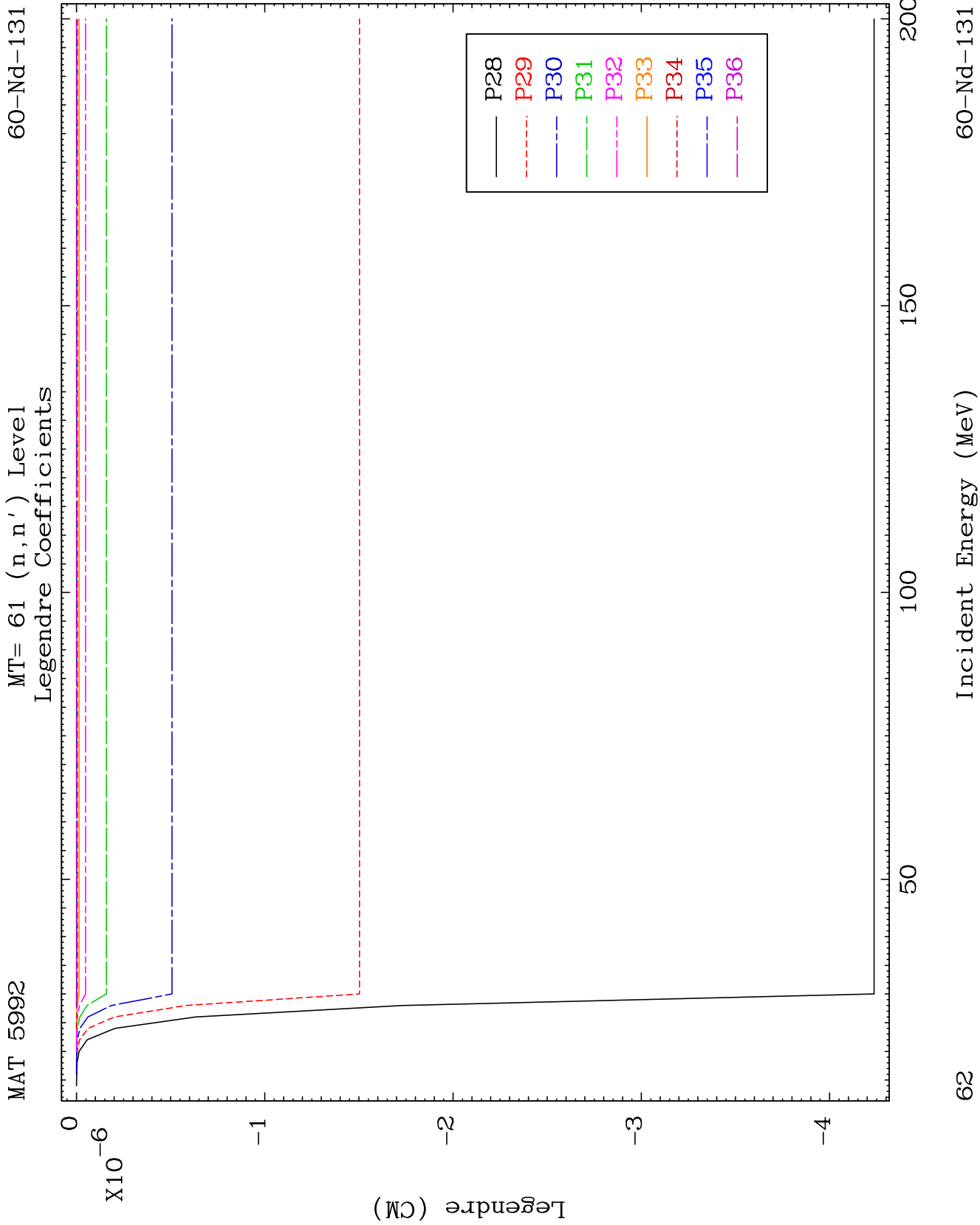
60-Nd-131



61

Incident Energy (MeV)

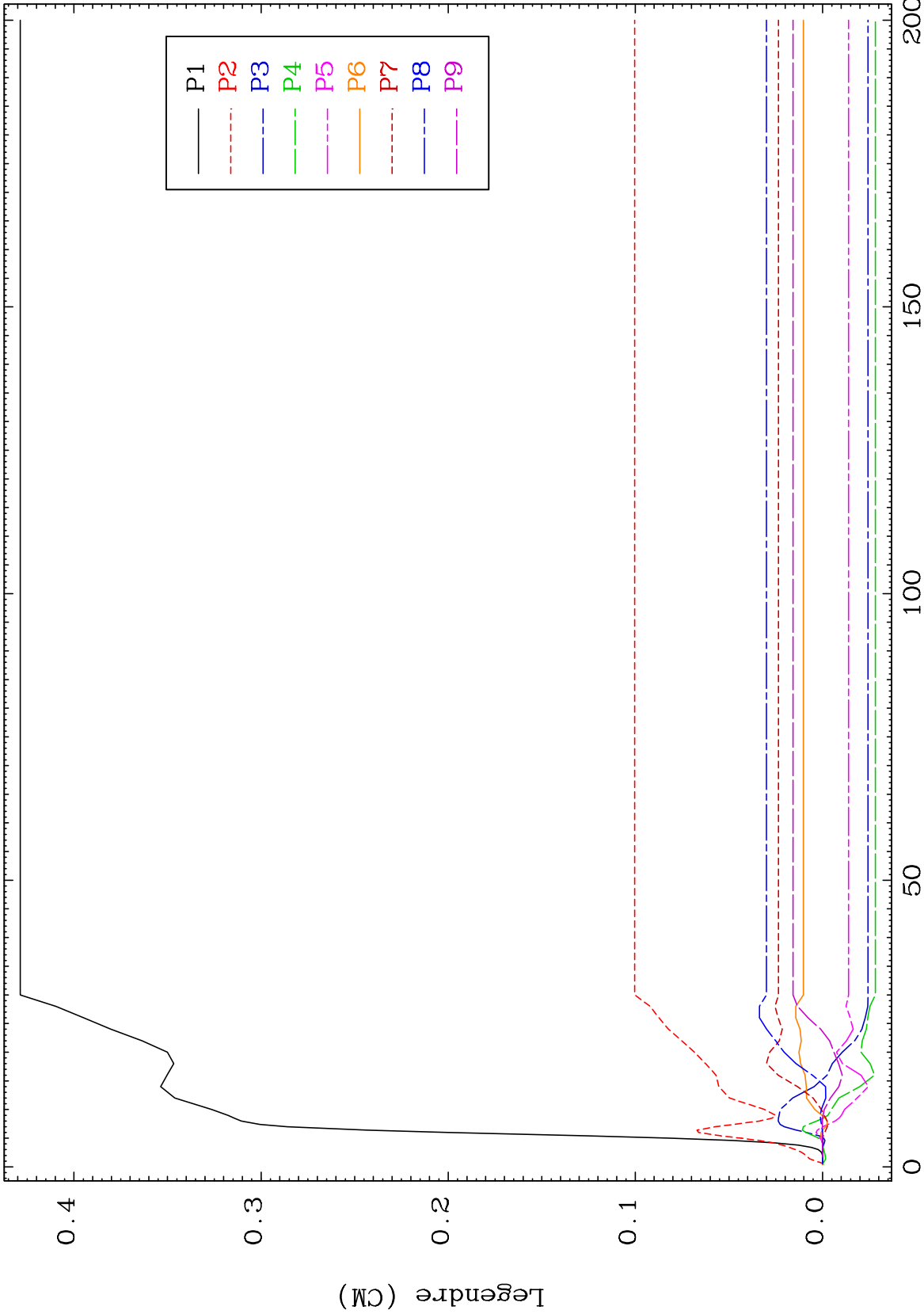
60-Nd-131



MAT 5992

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

60-Nd-131



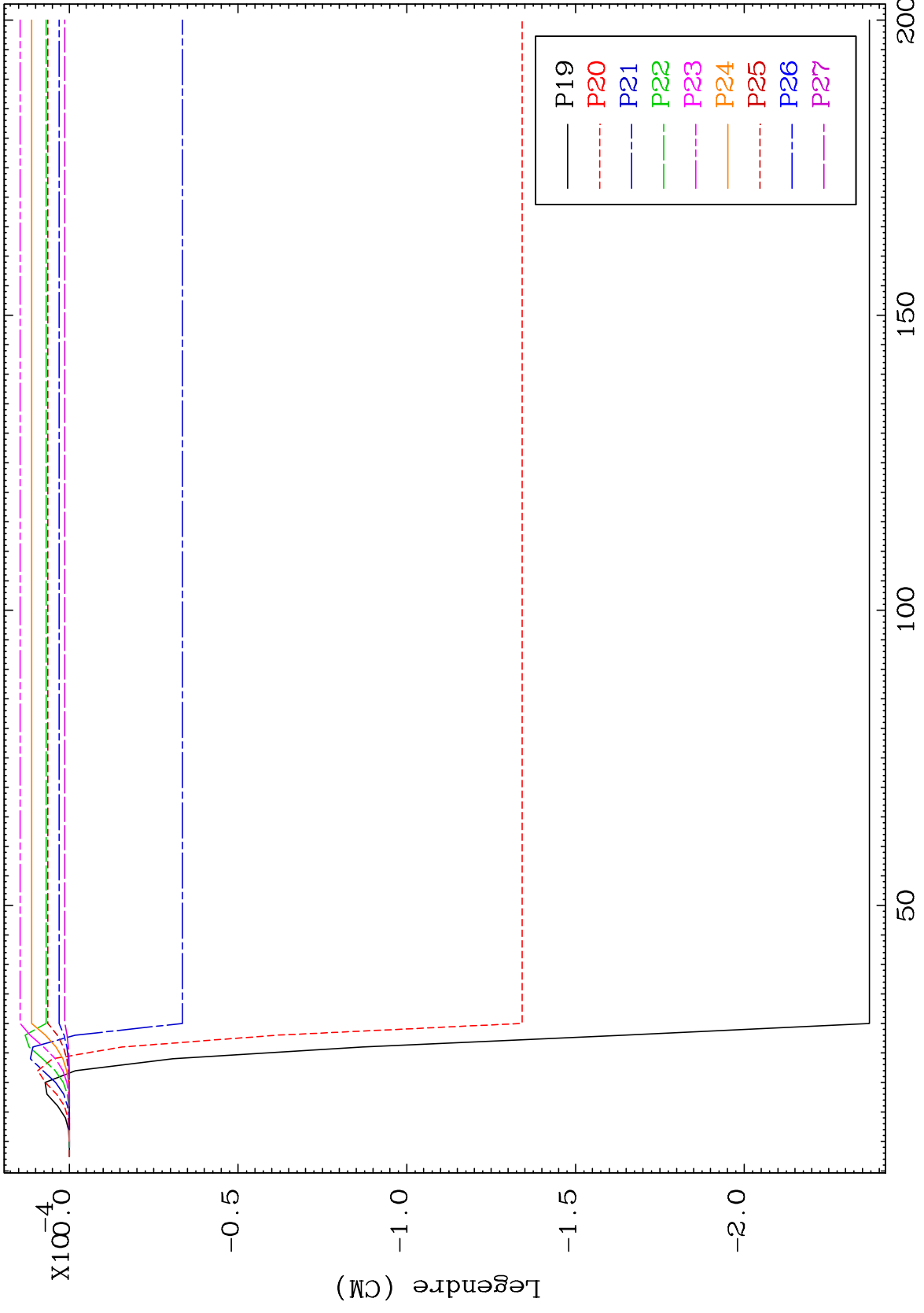
63

Incident Energy (MeV)

60-Nd-131



MAT 5992 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-131

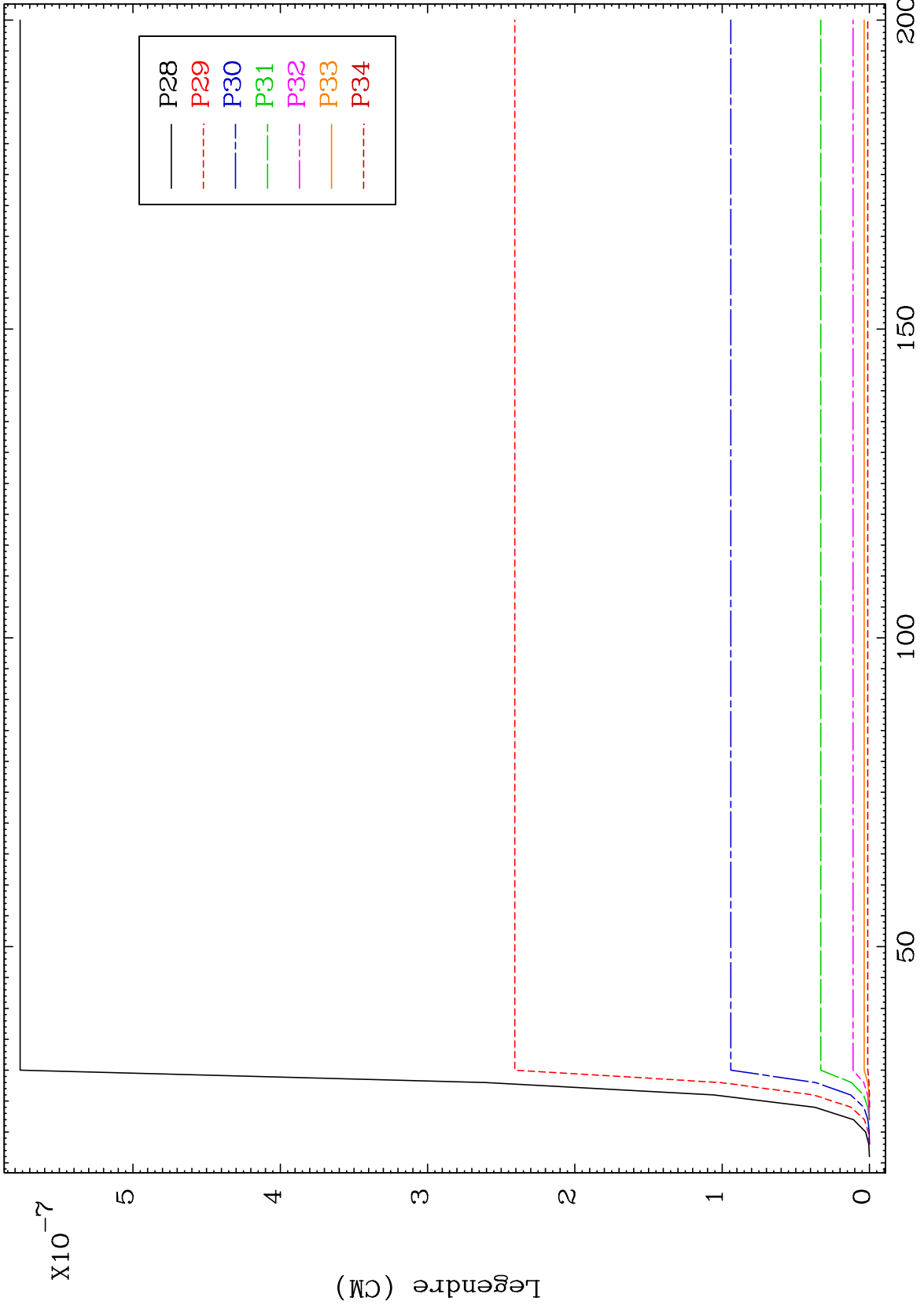


65 60-Nd-131 Incident Energy (MeV)

MAT 5992

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

60-Nd-131



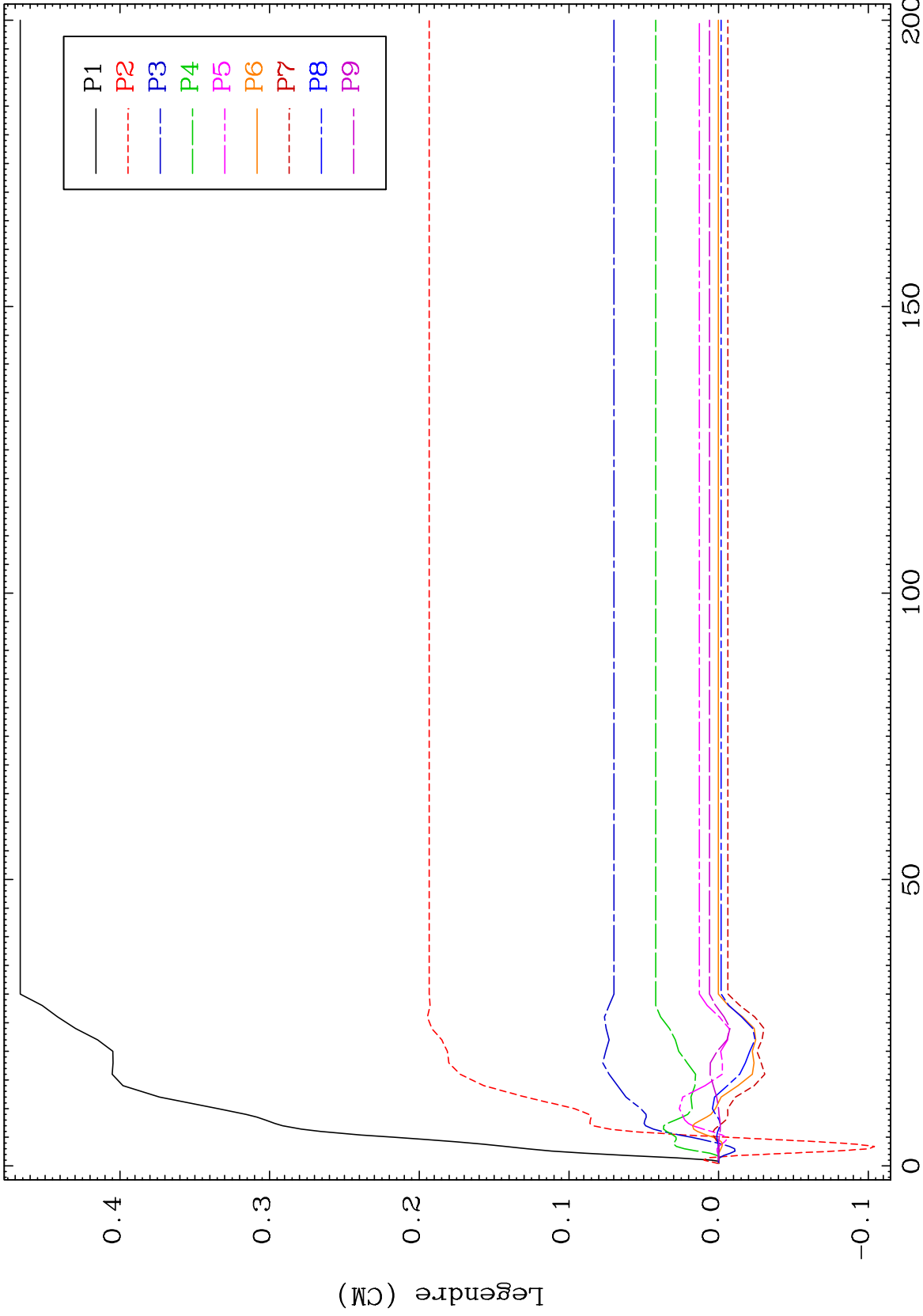
66

60-Nd-131

MAT 5992

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

60-Nd-131



67

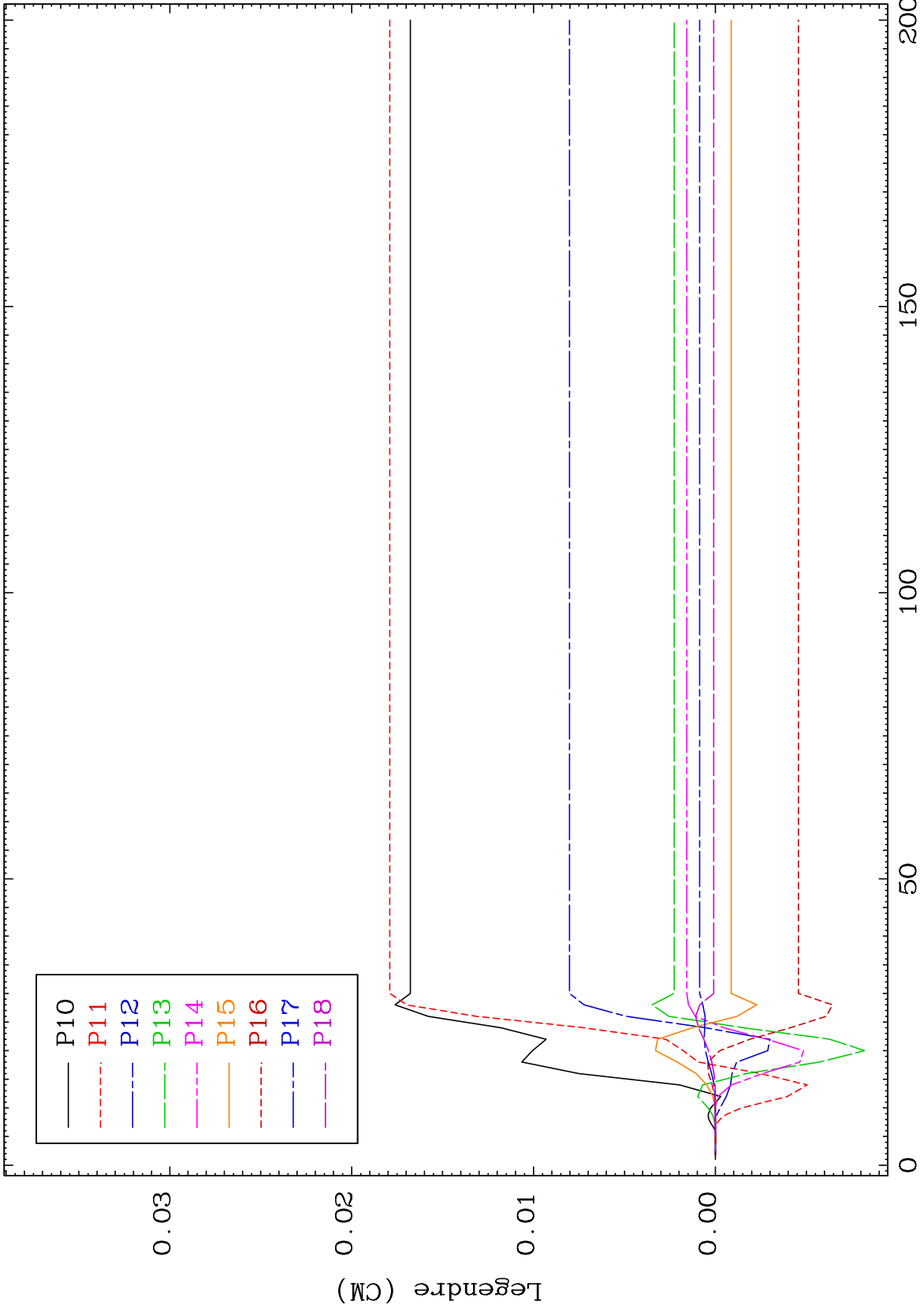
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



68

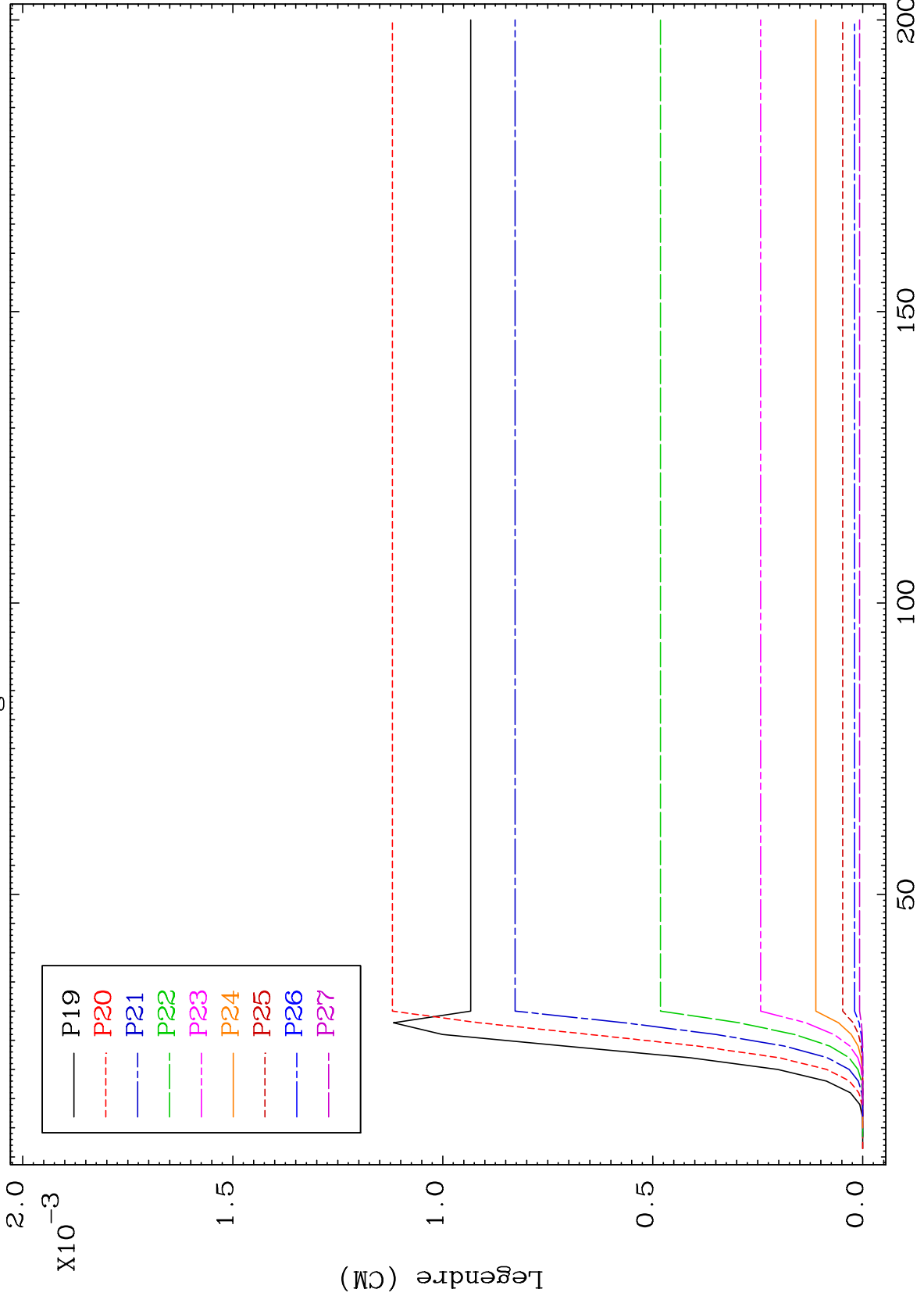
Incident Energy (MeV)

60-Nd-131

MAT 5992 MT= 63 (n,n') Level Legendre Coefficients

60-Nd-131

60-Nd-131

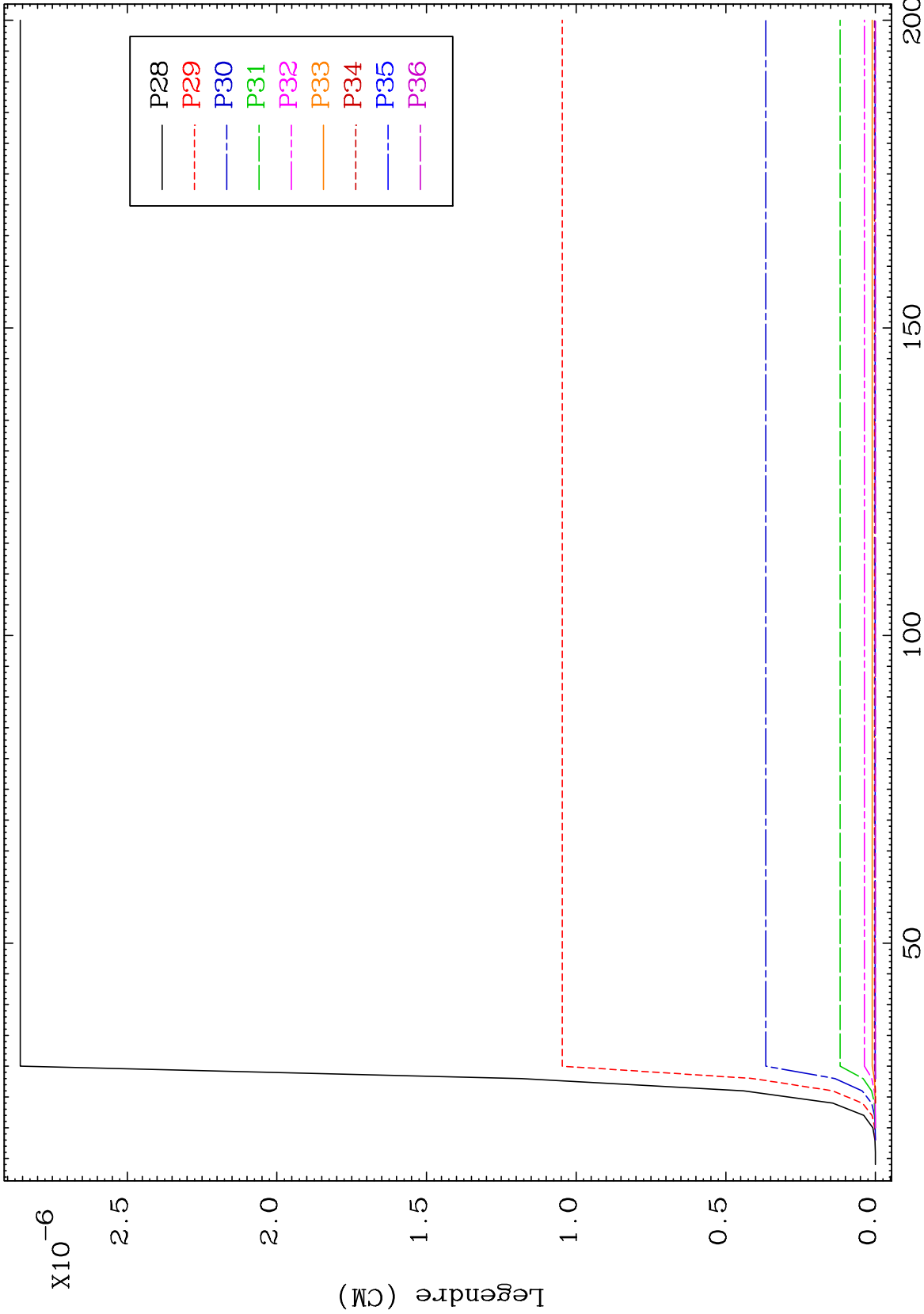


69

MAT 5992

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

60-Nd-131



70

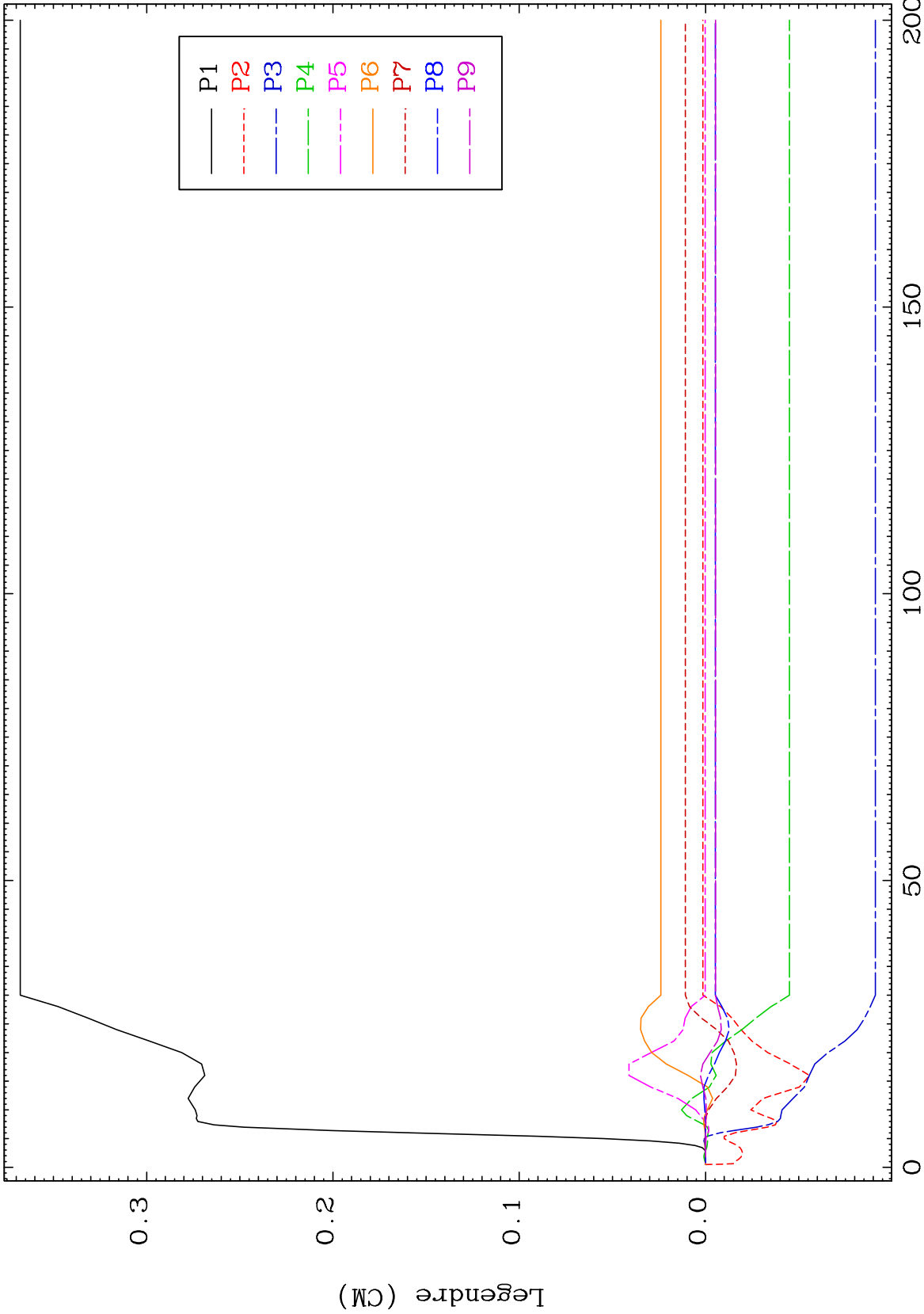
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



71

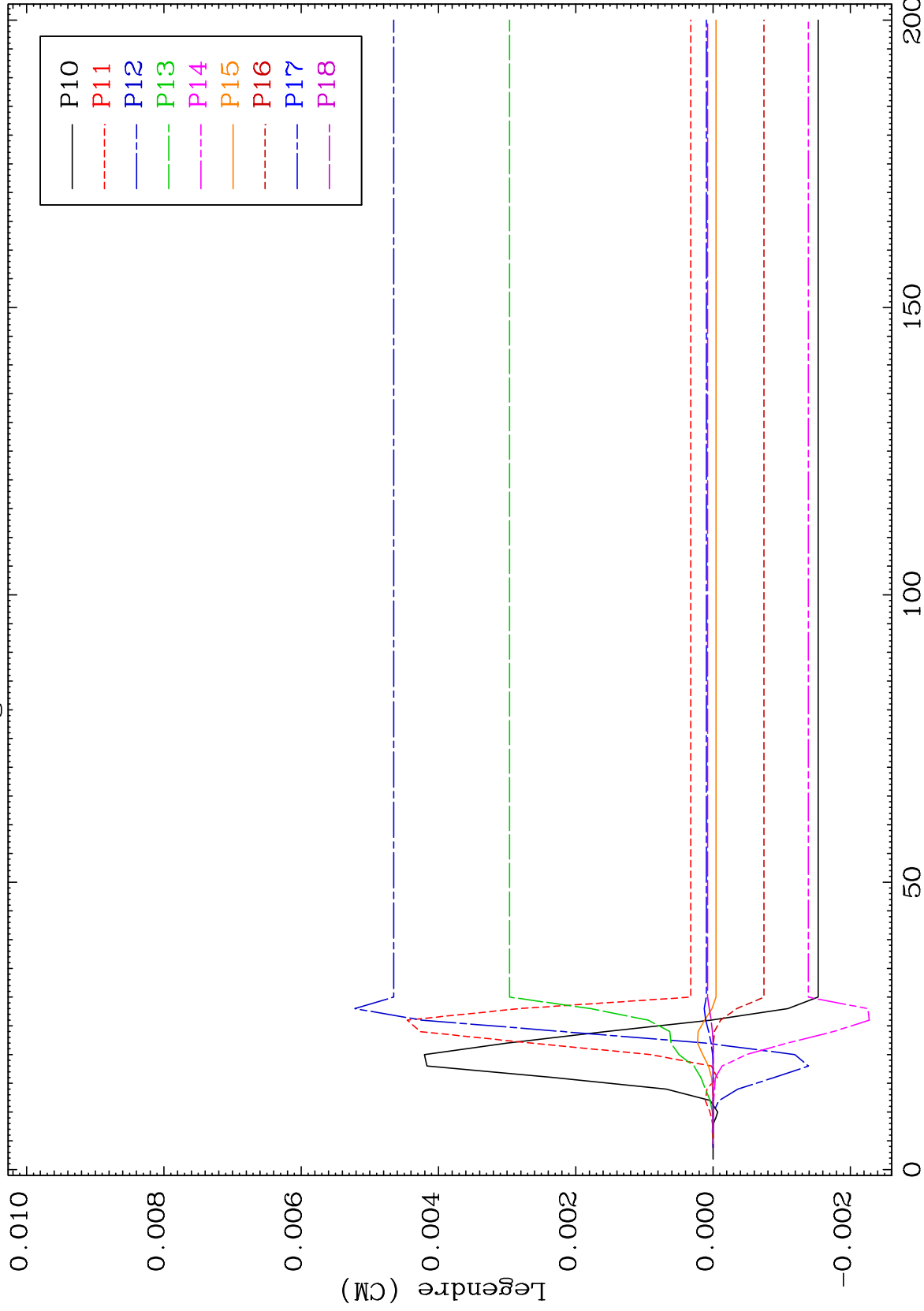
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



72

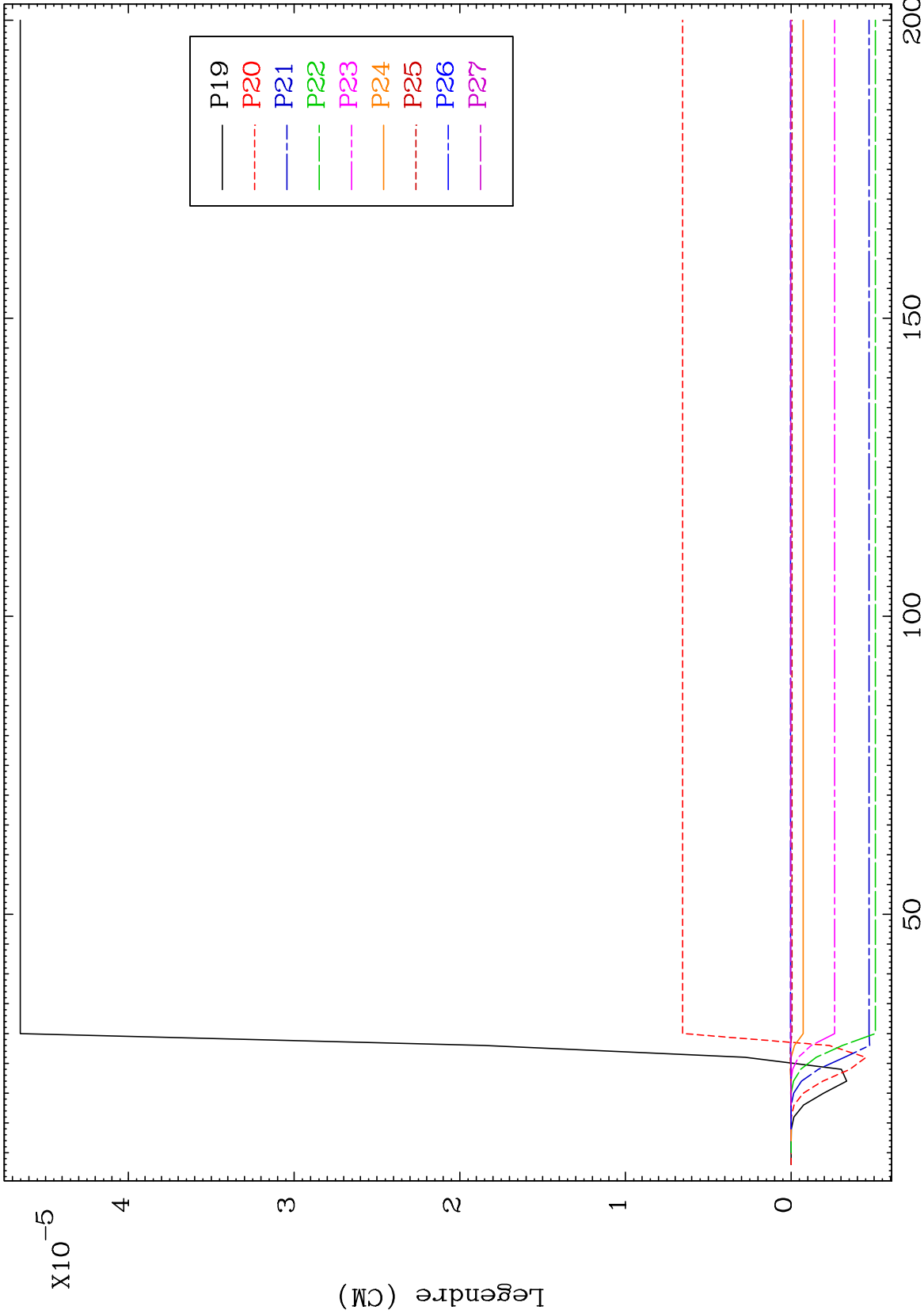
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



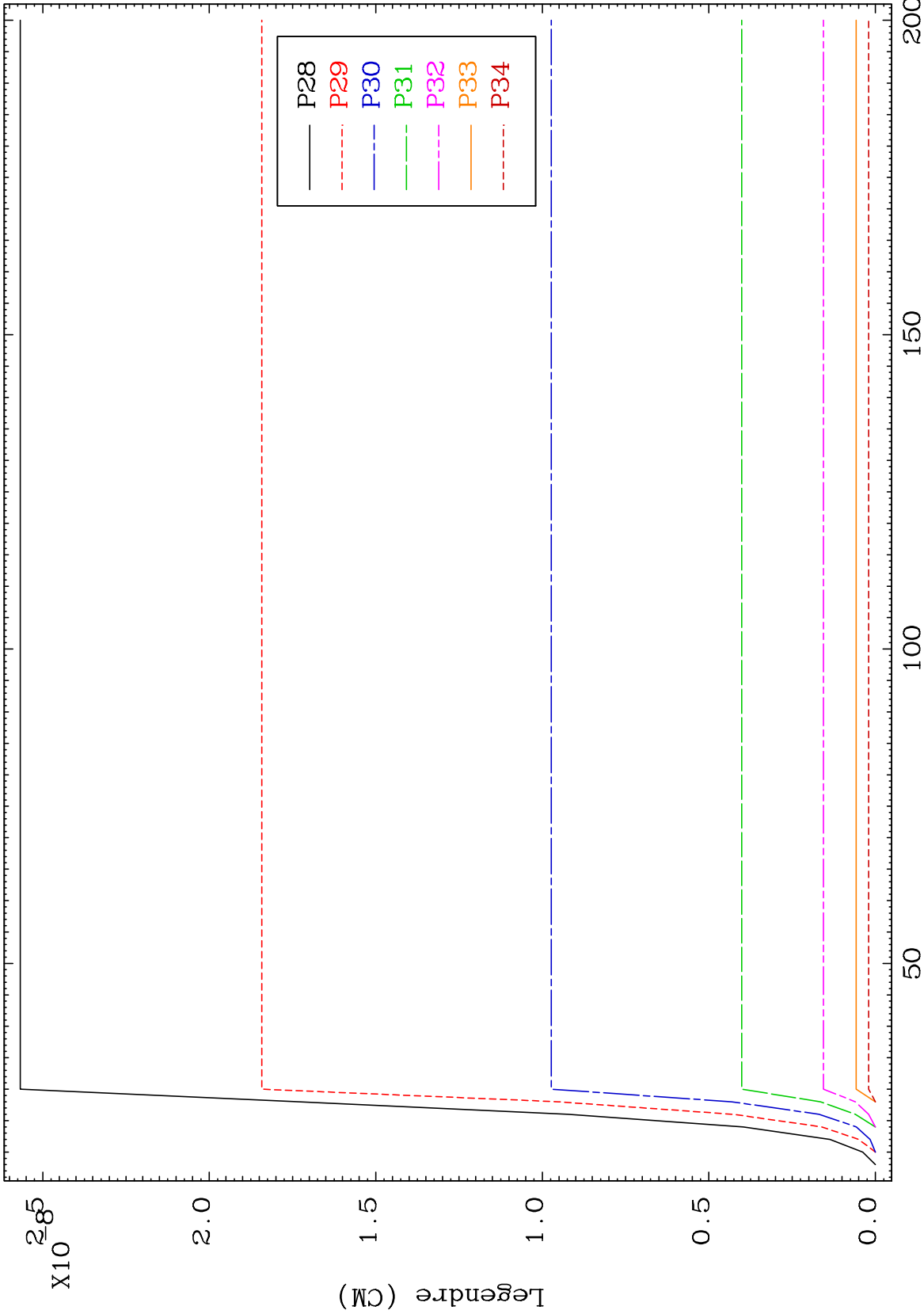
73

60-Nd-131

MAT 5992

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

60-Nd-131



74

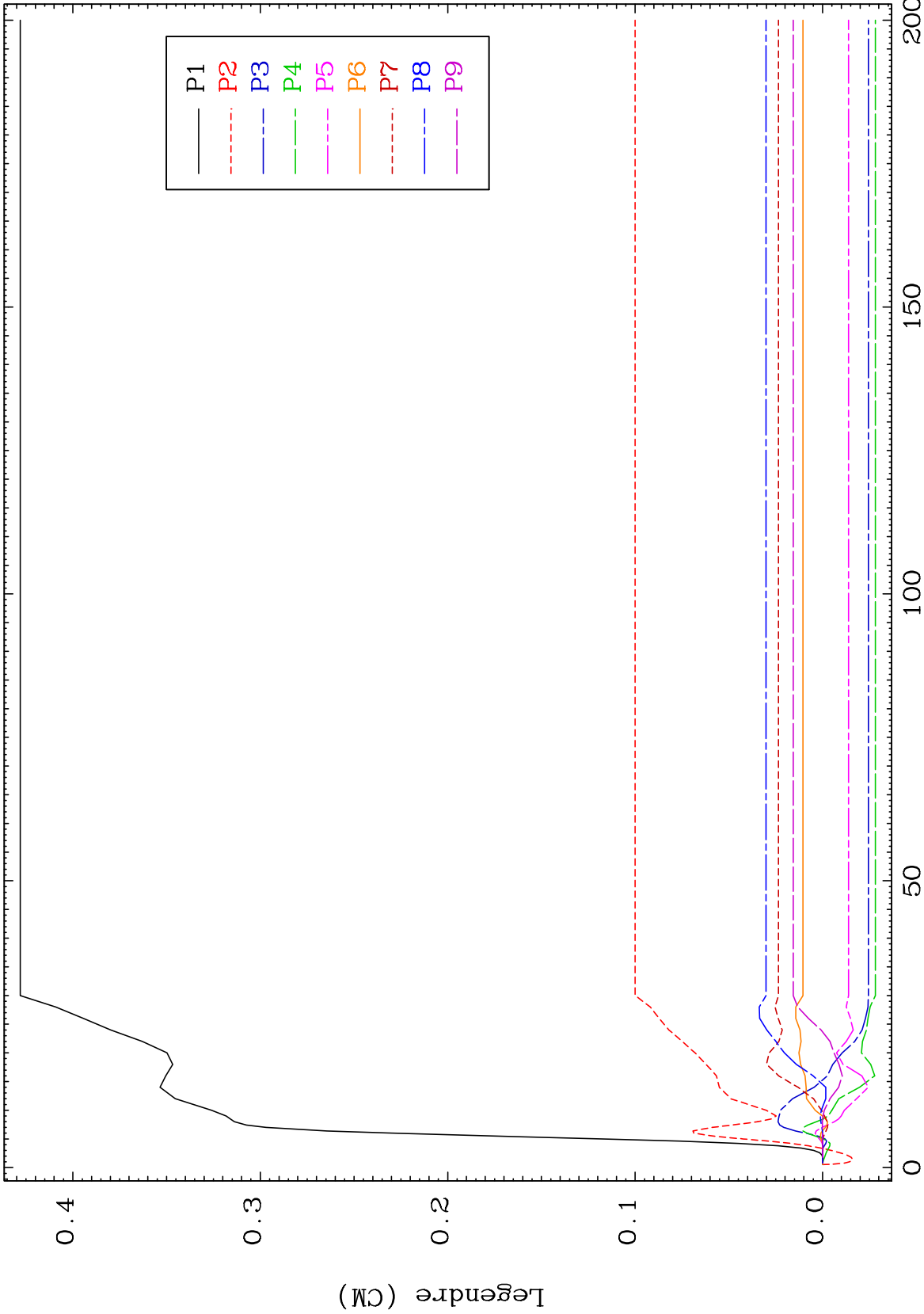
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

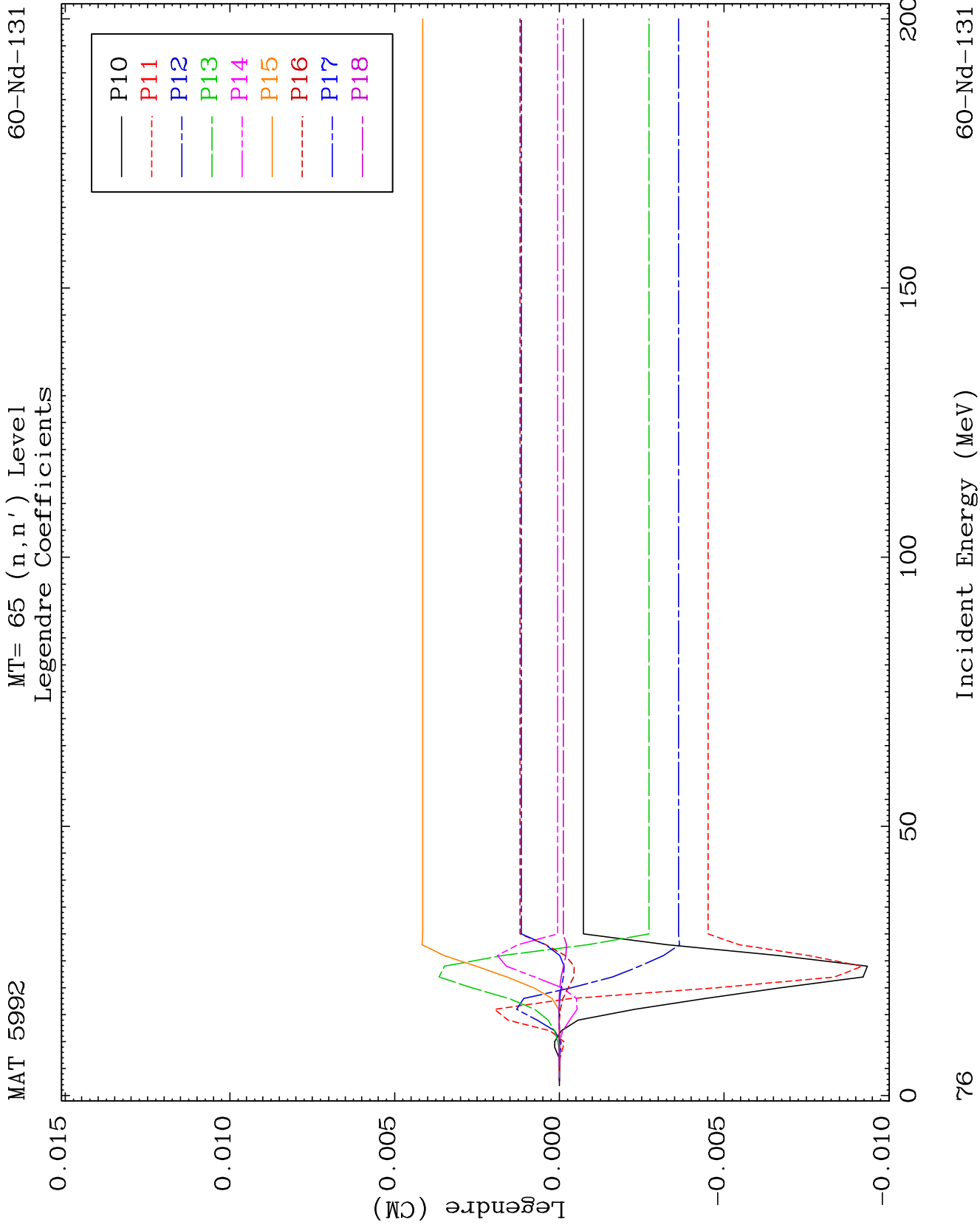
60-Nd-131



75

Incident Energy (MeV)

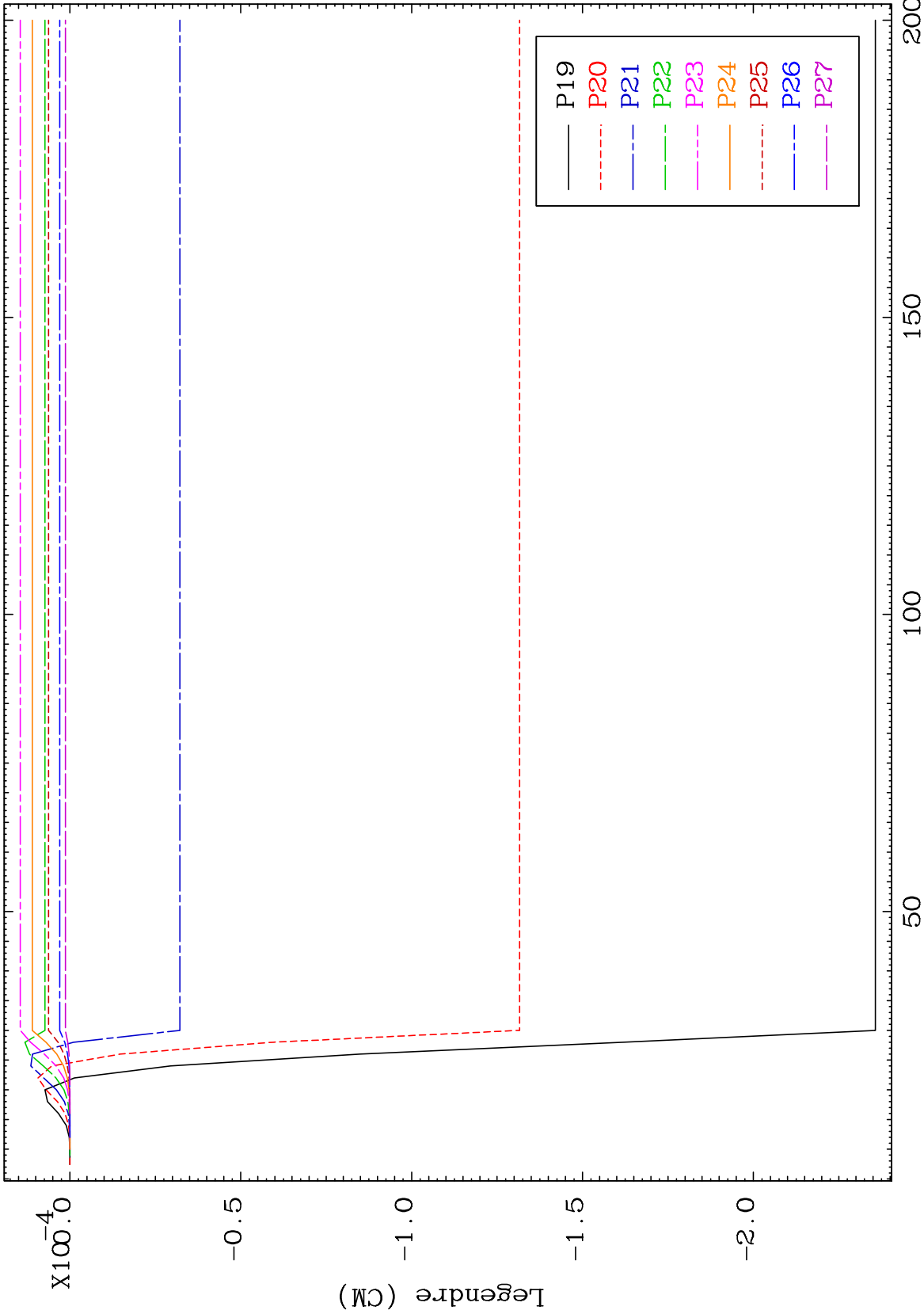
60-Nd-131



MAT 5992

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

60-Nd-131



60-Nd-131

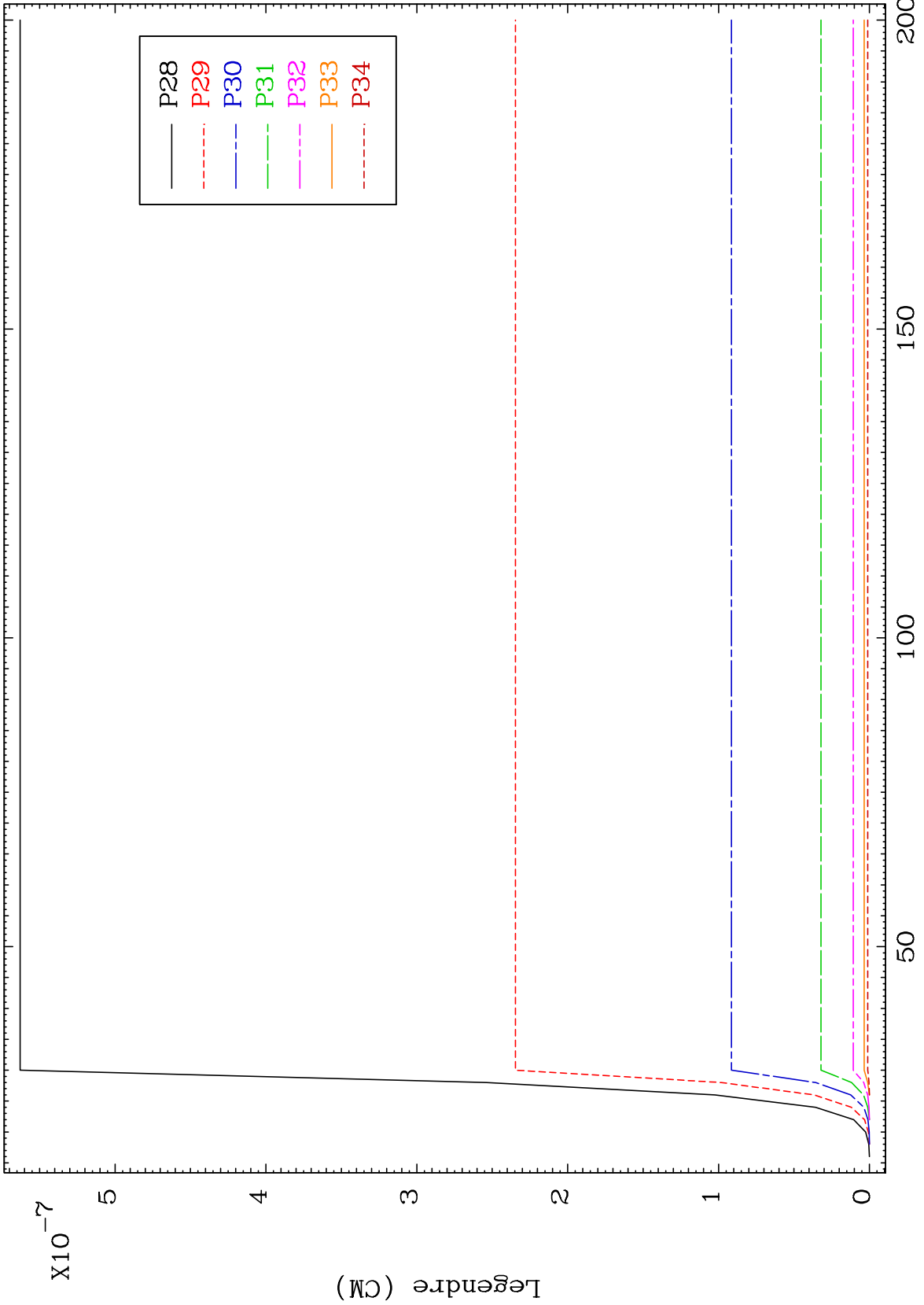
Incident Energy (MeV)

77

MAT 5992

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

60-Nd-131



78

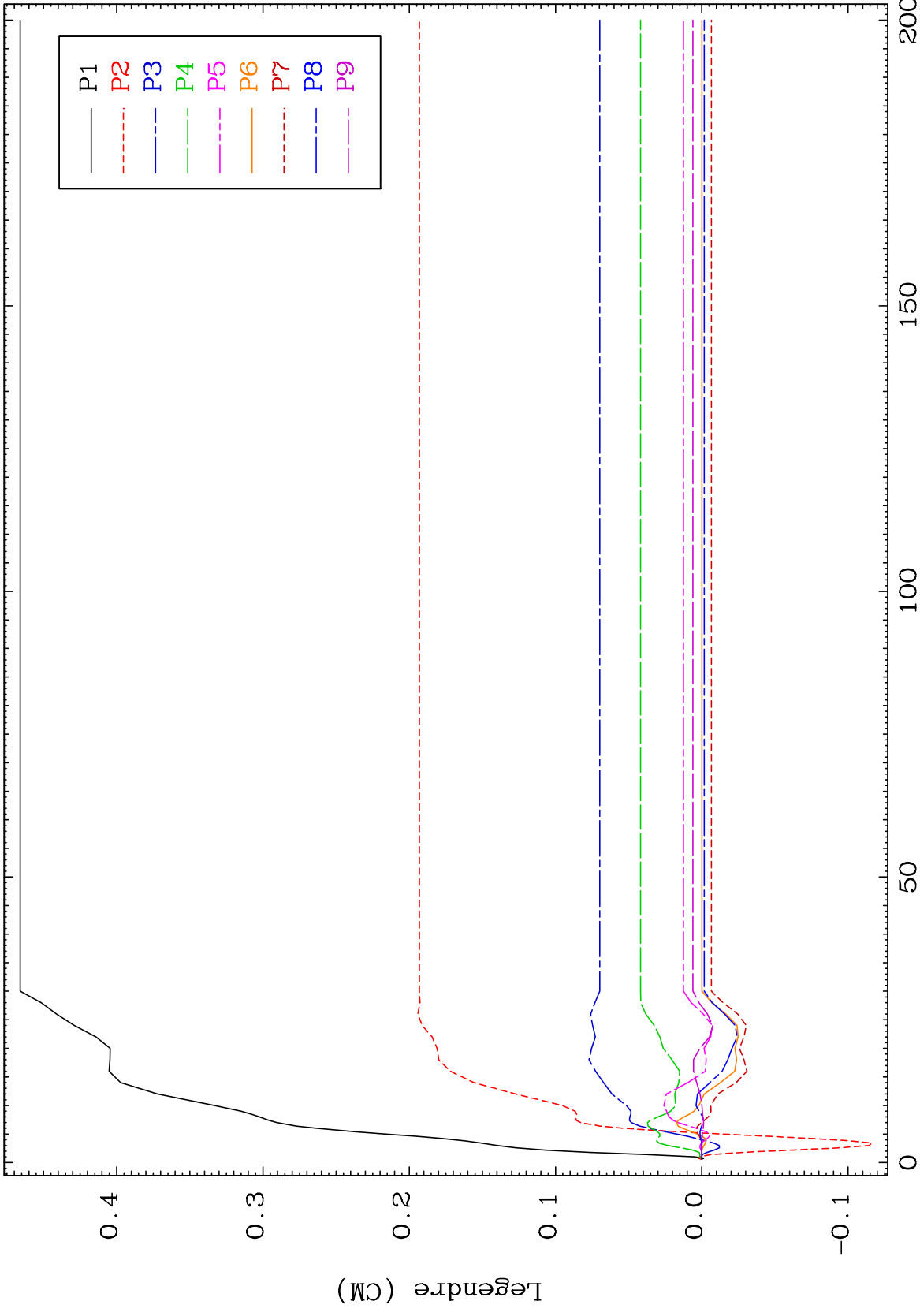
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



79

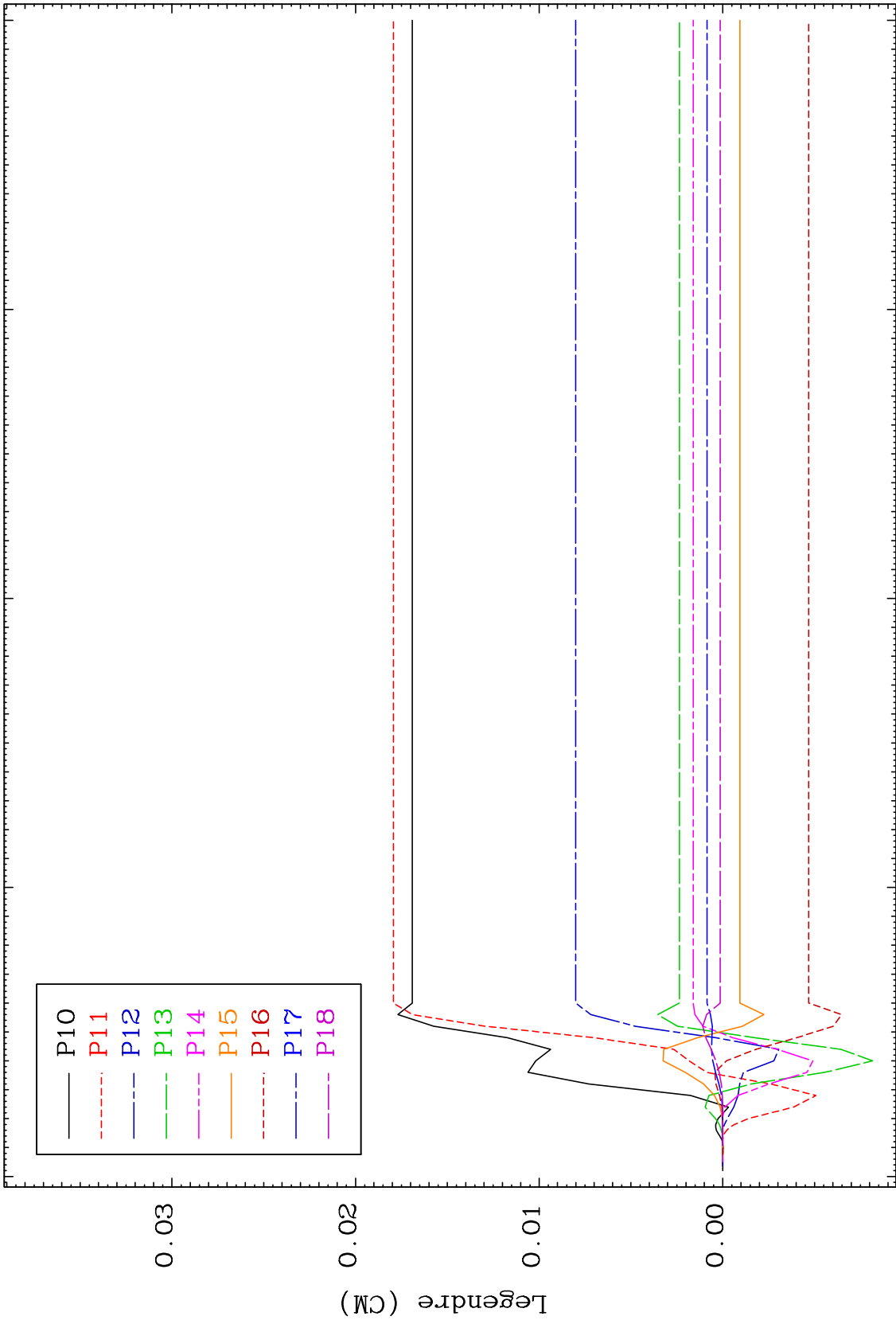
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131

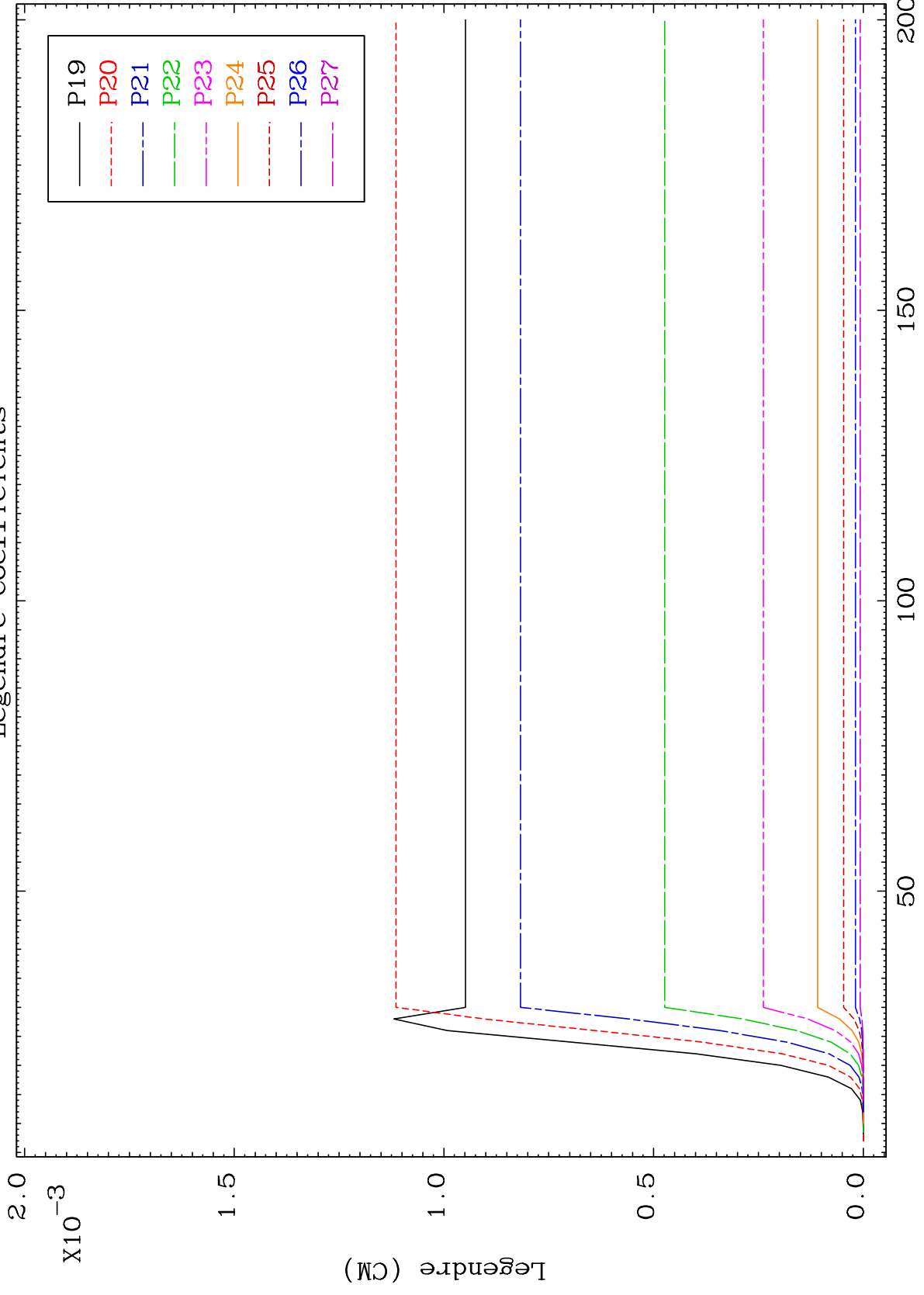


80

Incident Energy (MeV)

60-Nd-131

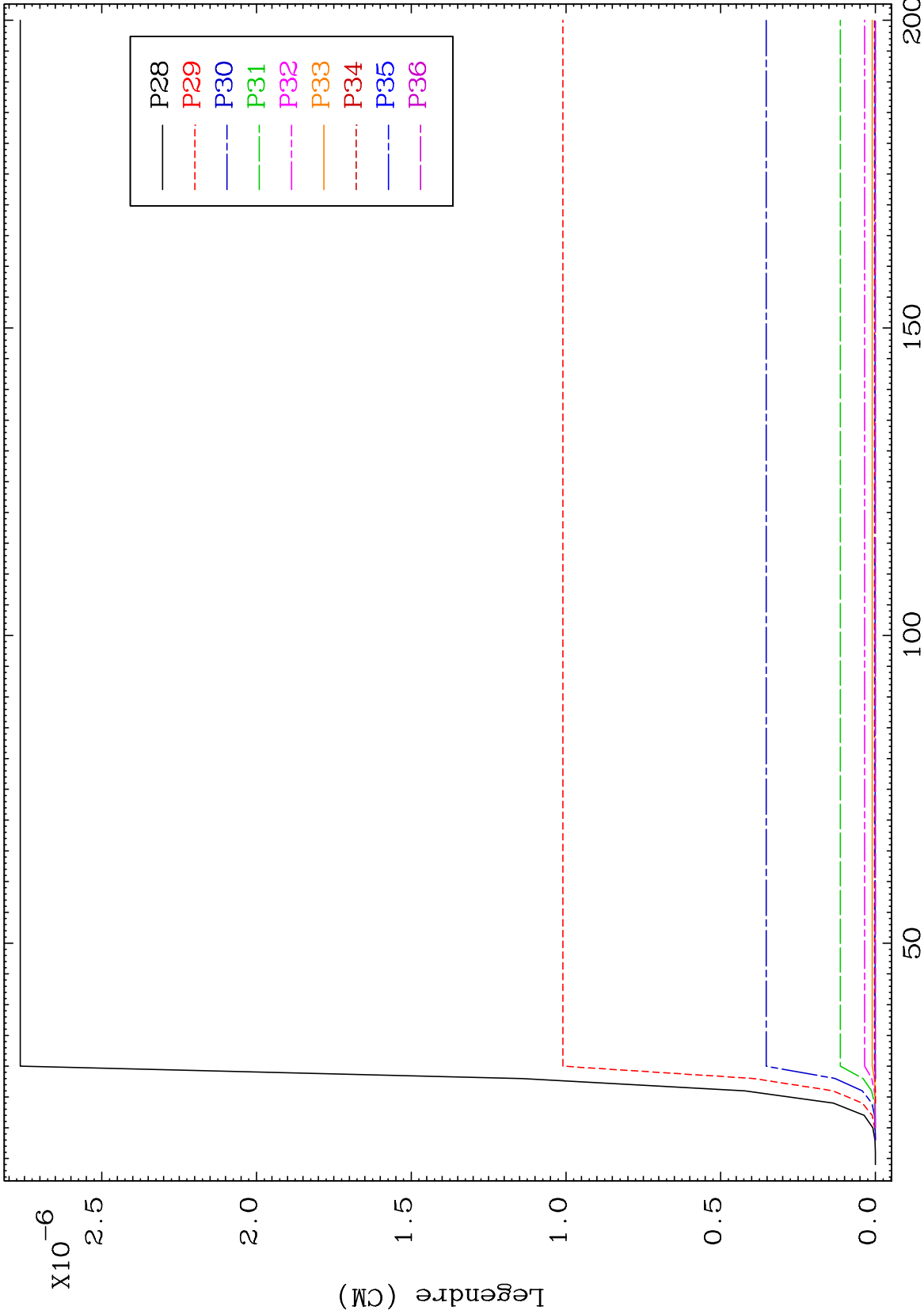
MAT 5992 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-131



MAT 5992

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

60-Nd-131



82

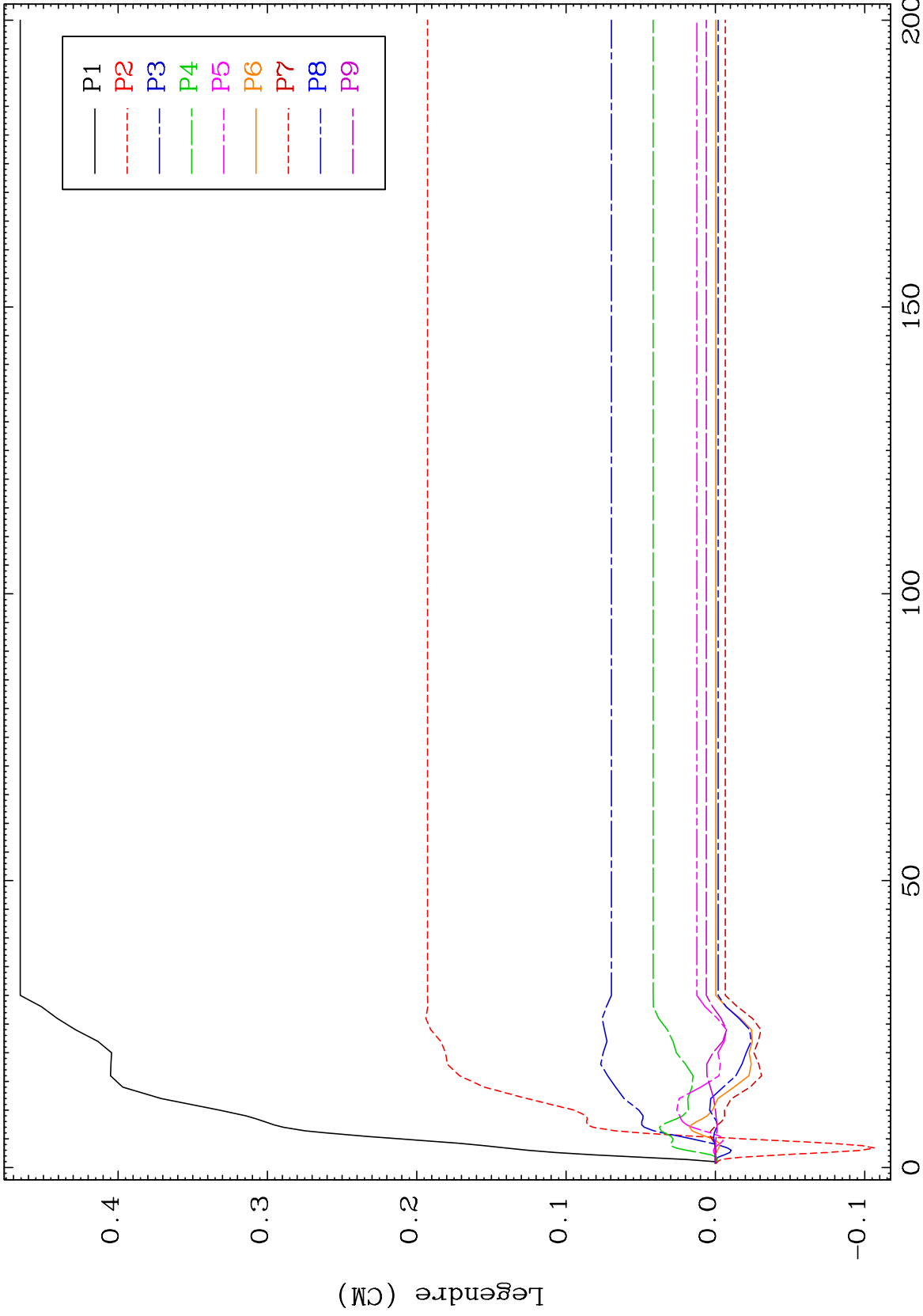
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



83

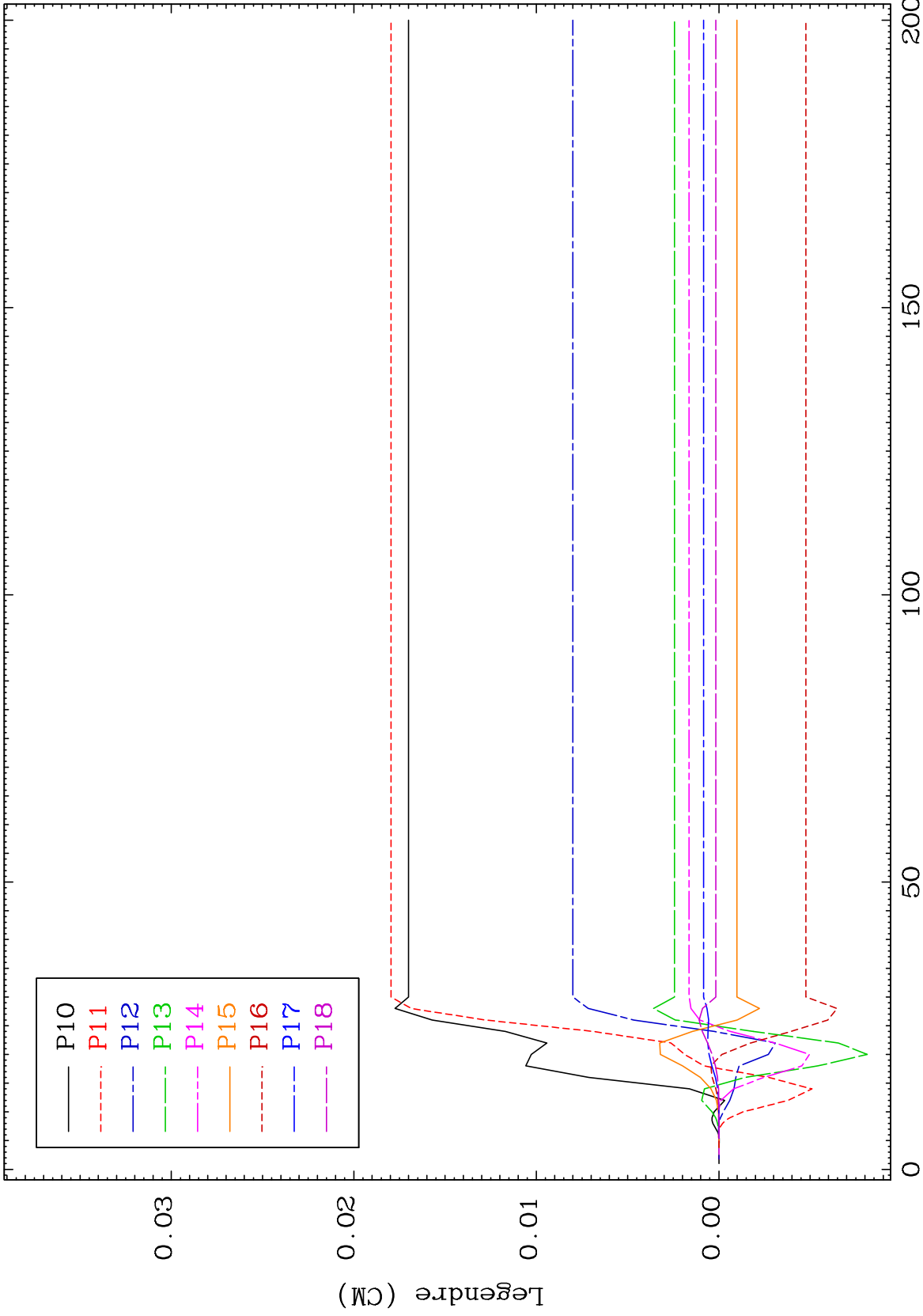
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

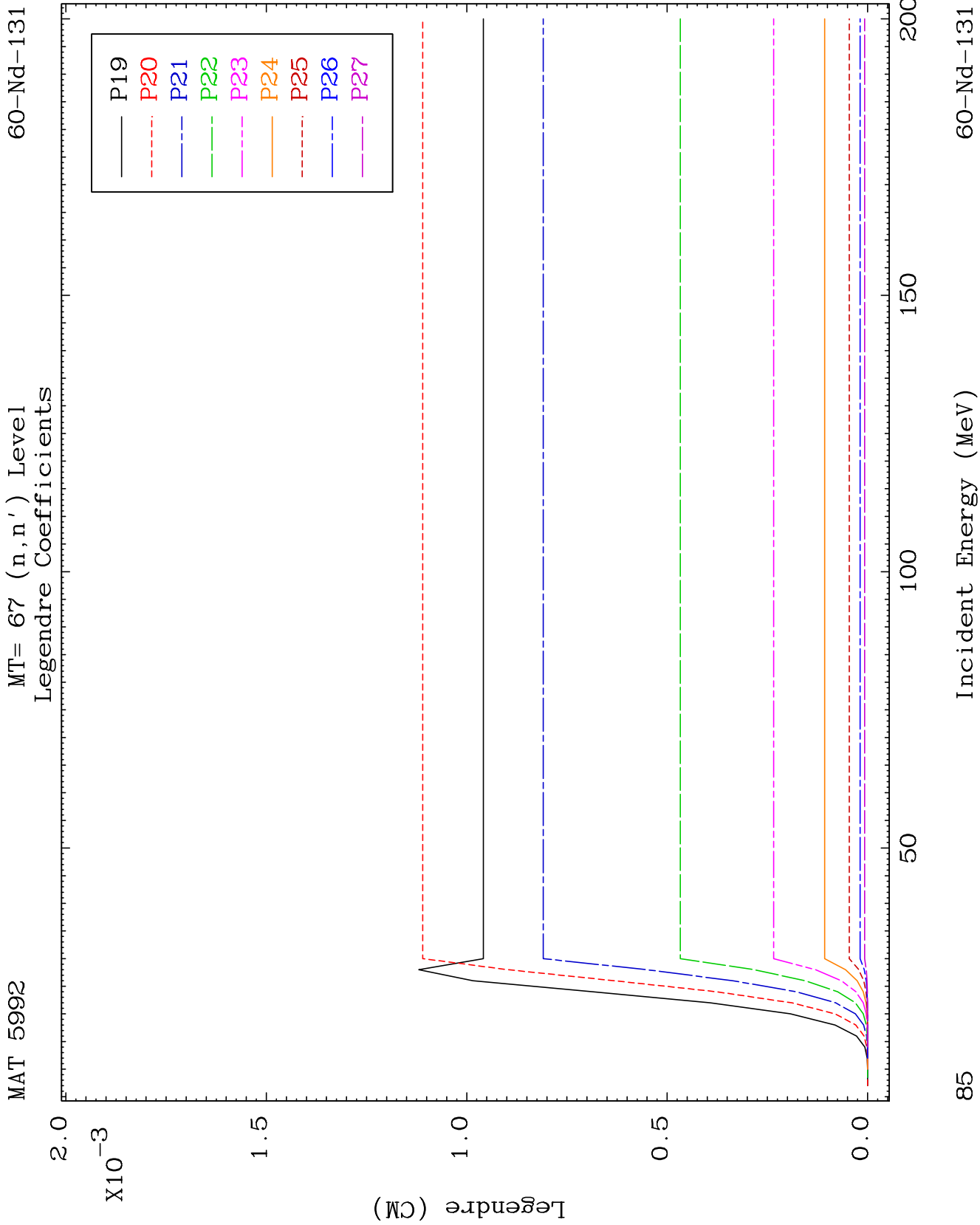
60-Nd-131



84

Incident Energy (MeV)

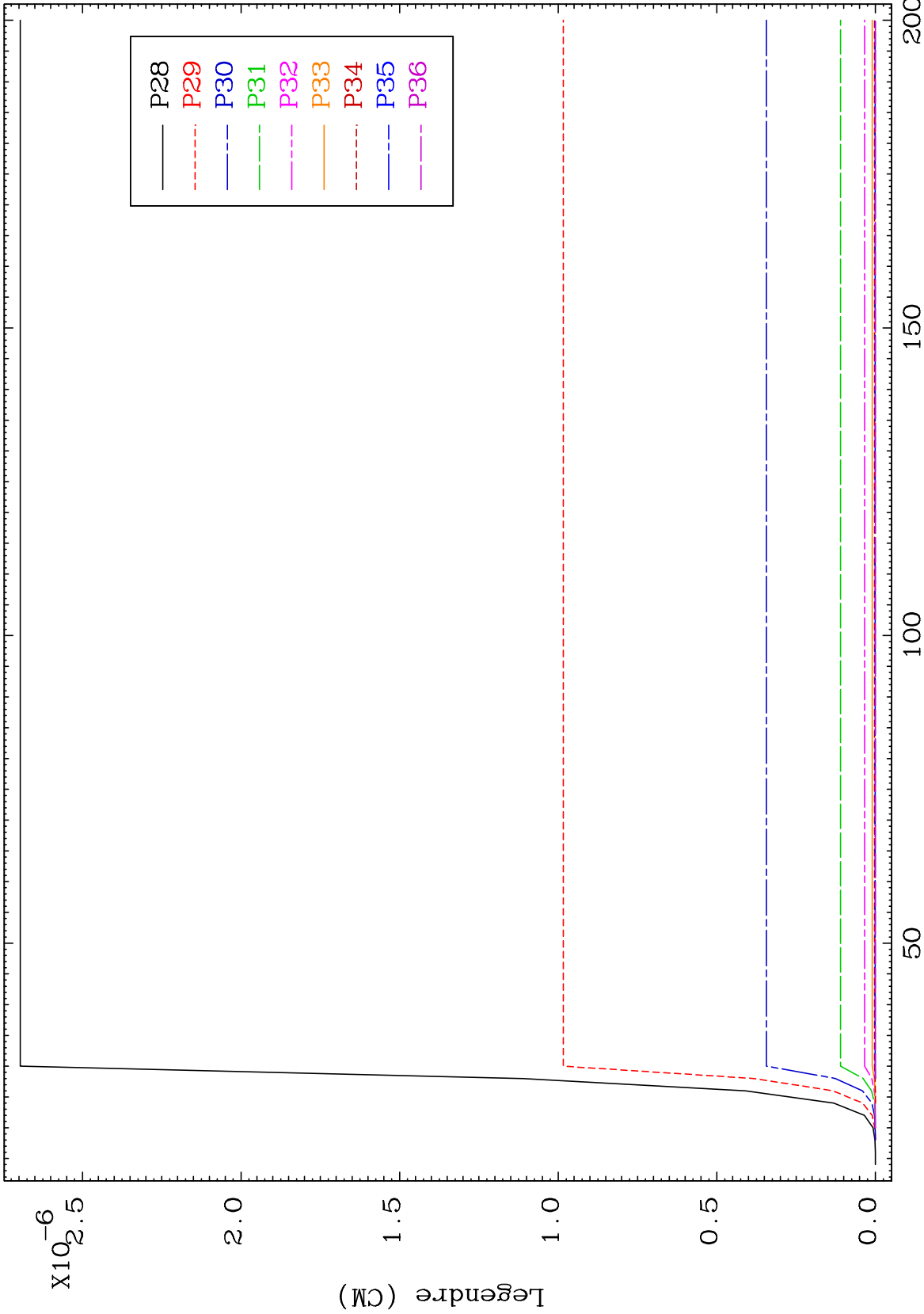
60-Nd-131



MAT 5992

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

60-Nd-131

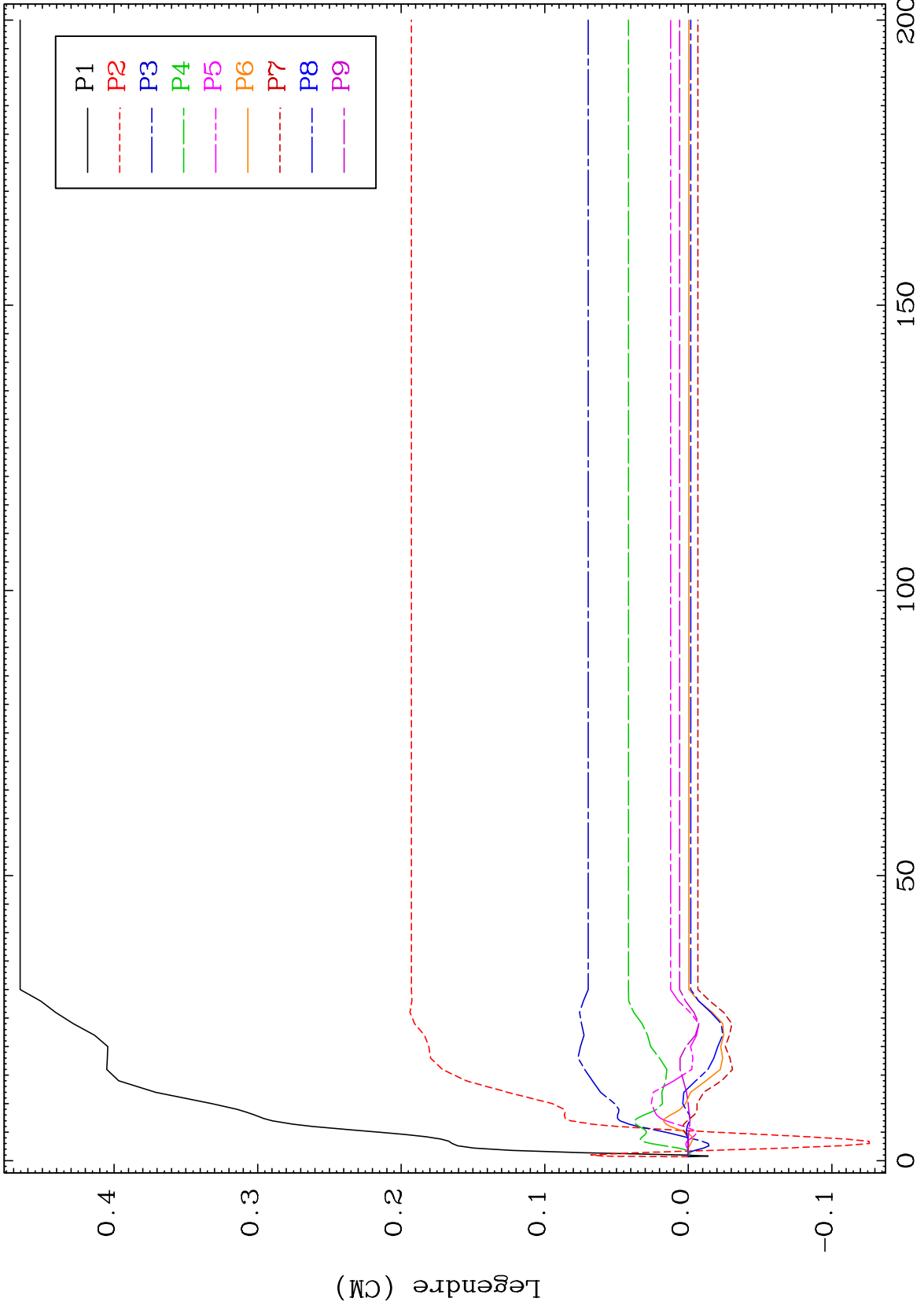


86

Incident Energy (MeV)

60-Nd-131

MAT 5992 MT= 68 (n,n') Level Legendre Coefficients 60-Nd-131

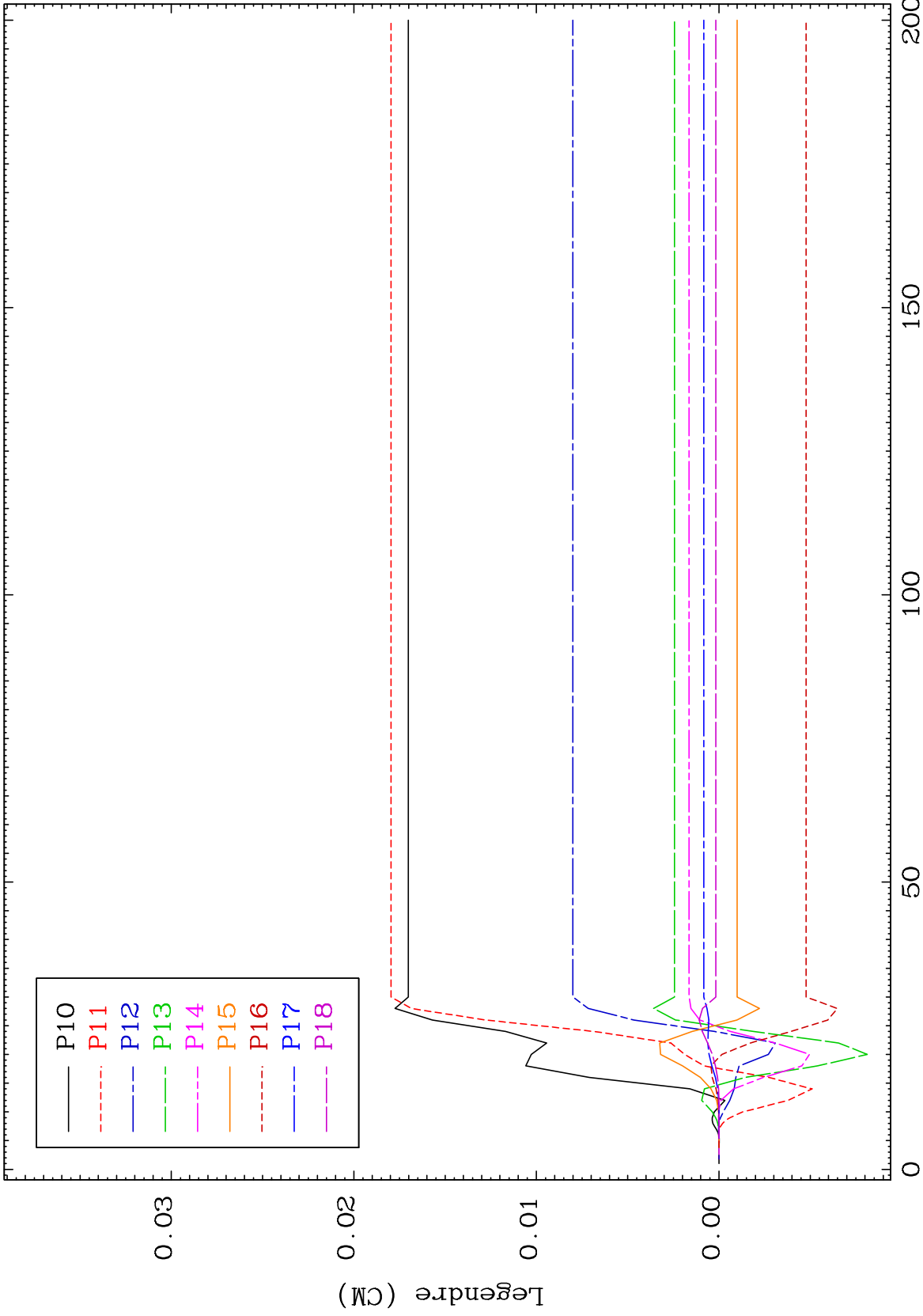


87 Incident Energy (MeV) 60-Nd-131

MAT 5992

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

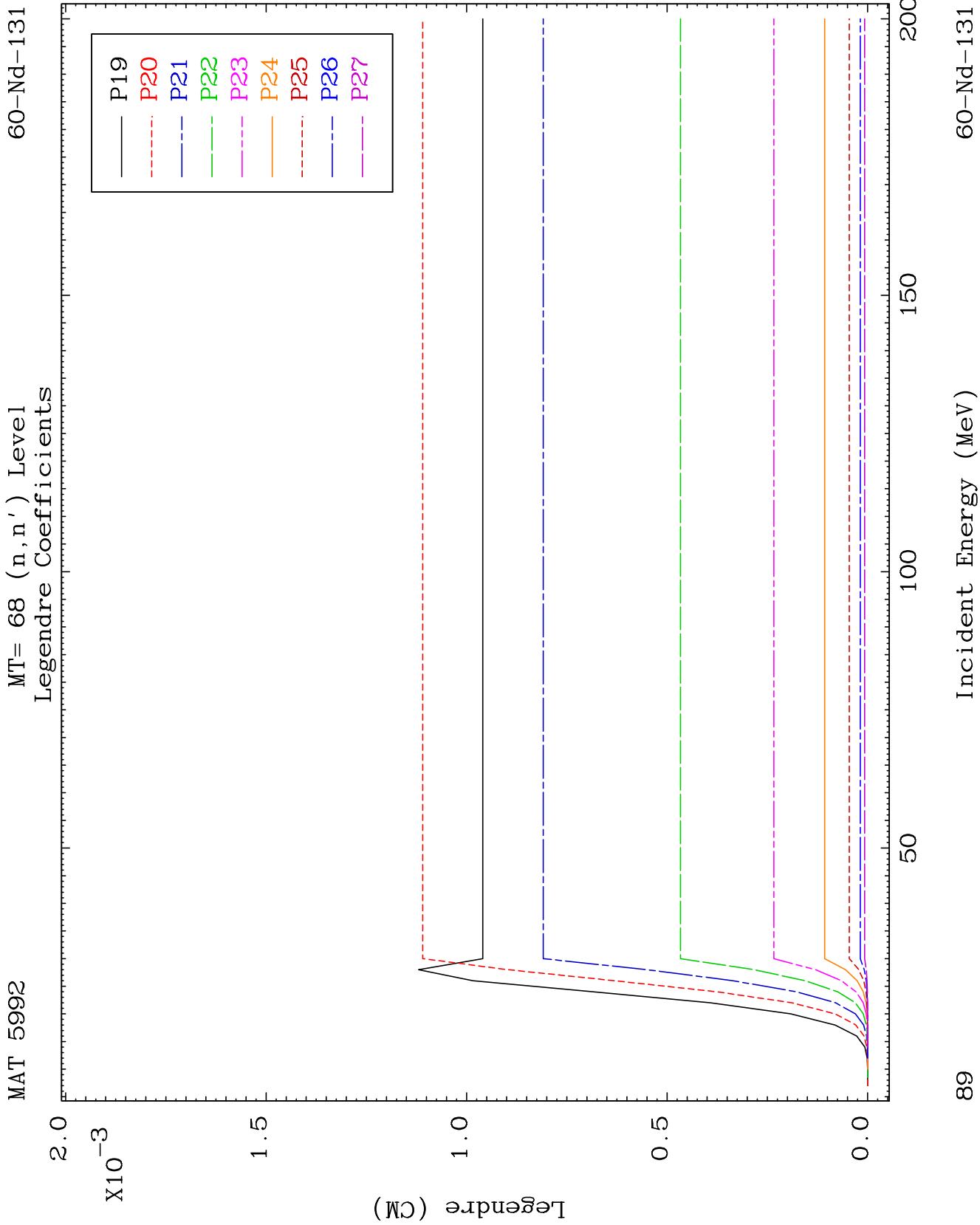
60-Nd-131



88

Incident Energy (MeV)

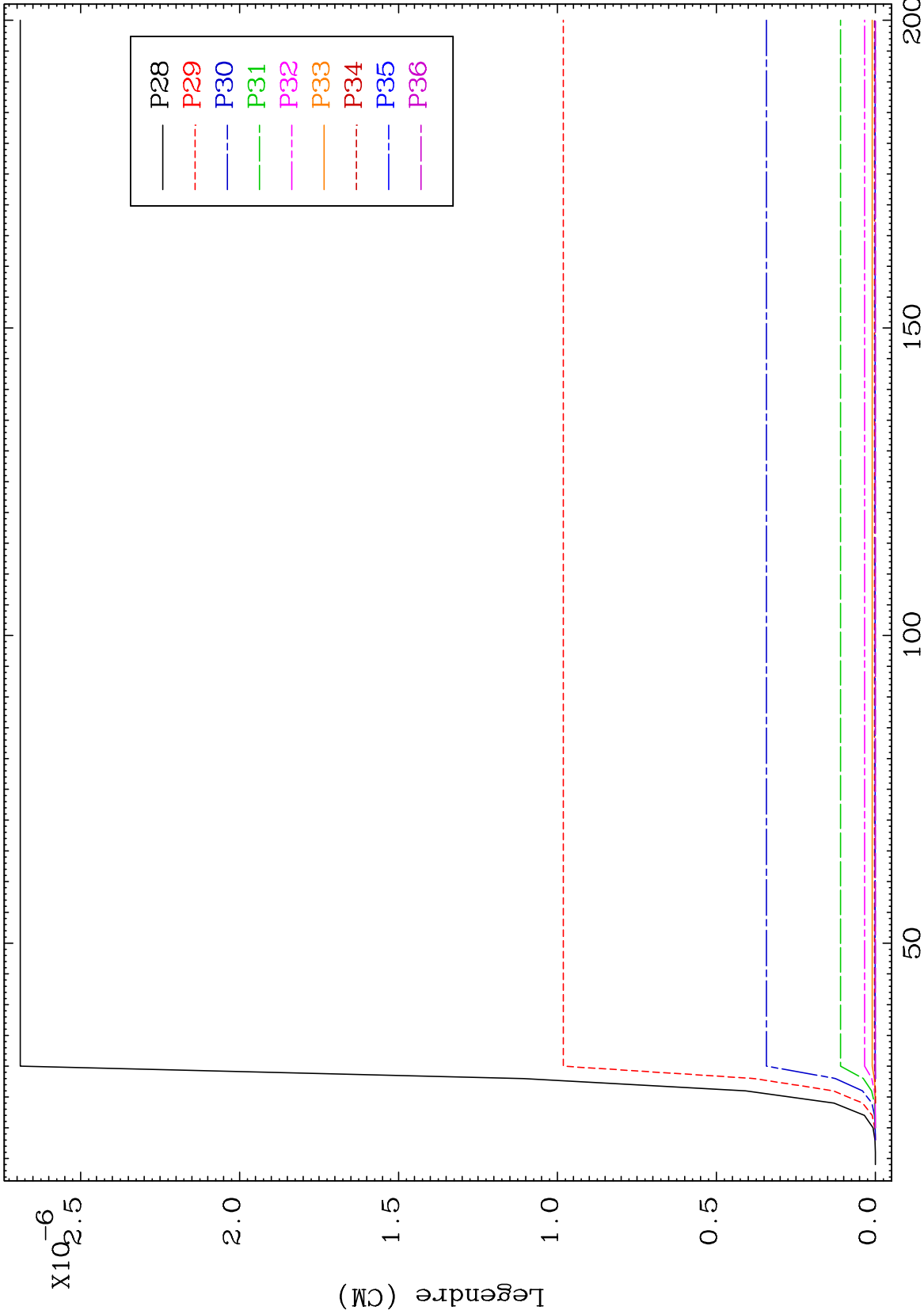
60-Nd-131



MAT 5992

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

60-Nd-131



90

Incident Energy (MeV)

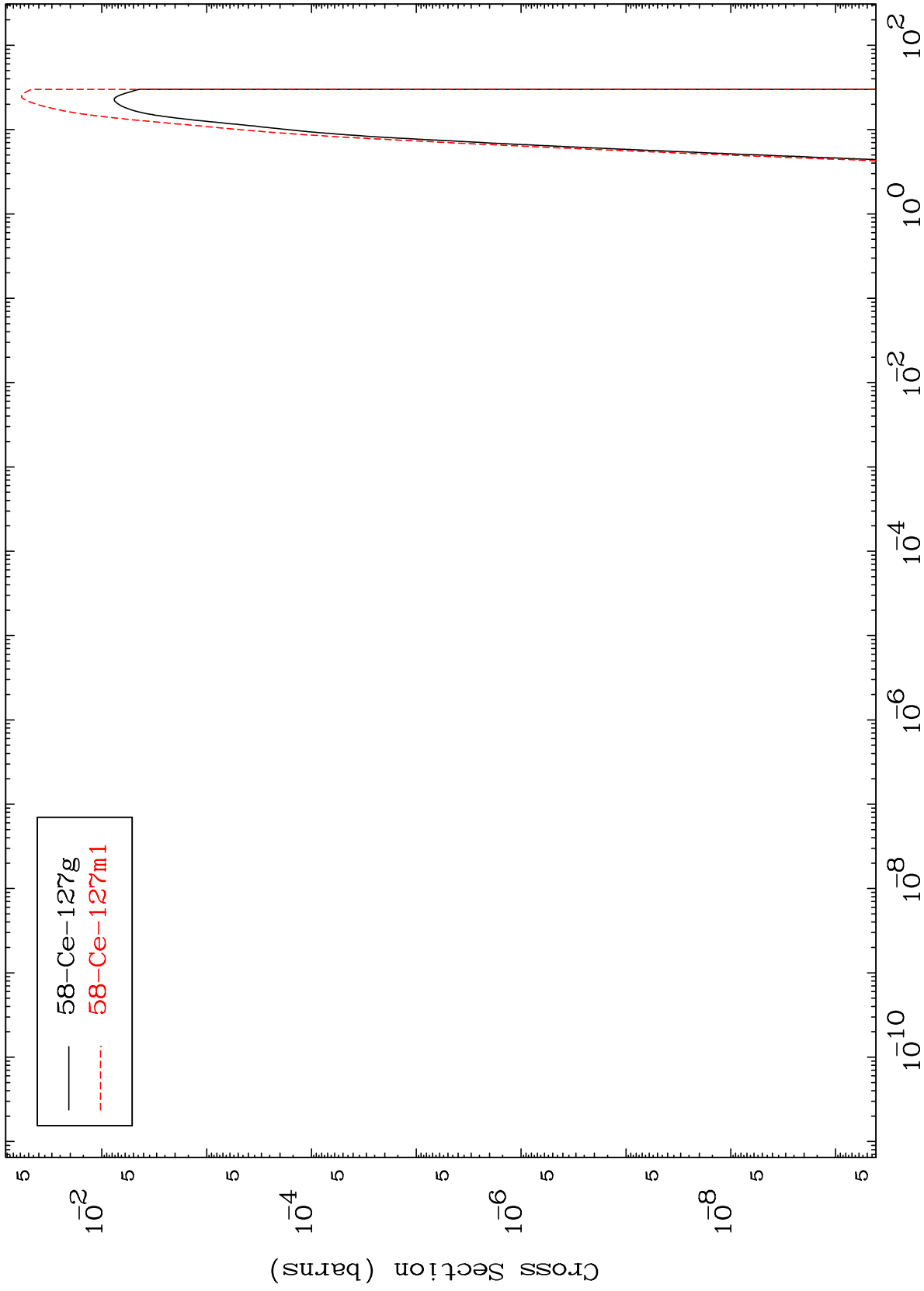
60-Nd-131

MAT 5992

(n,n')  $\alpha$

60-Nd-131

Radionuclide Production Cross Section



91

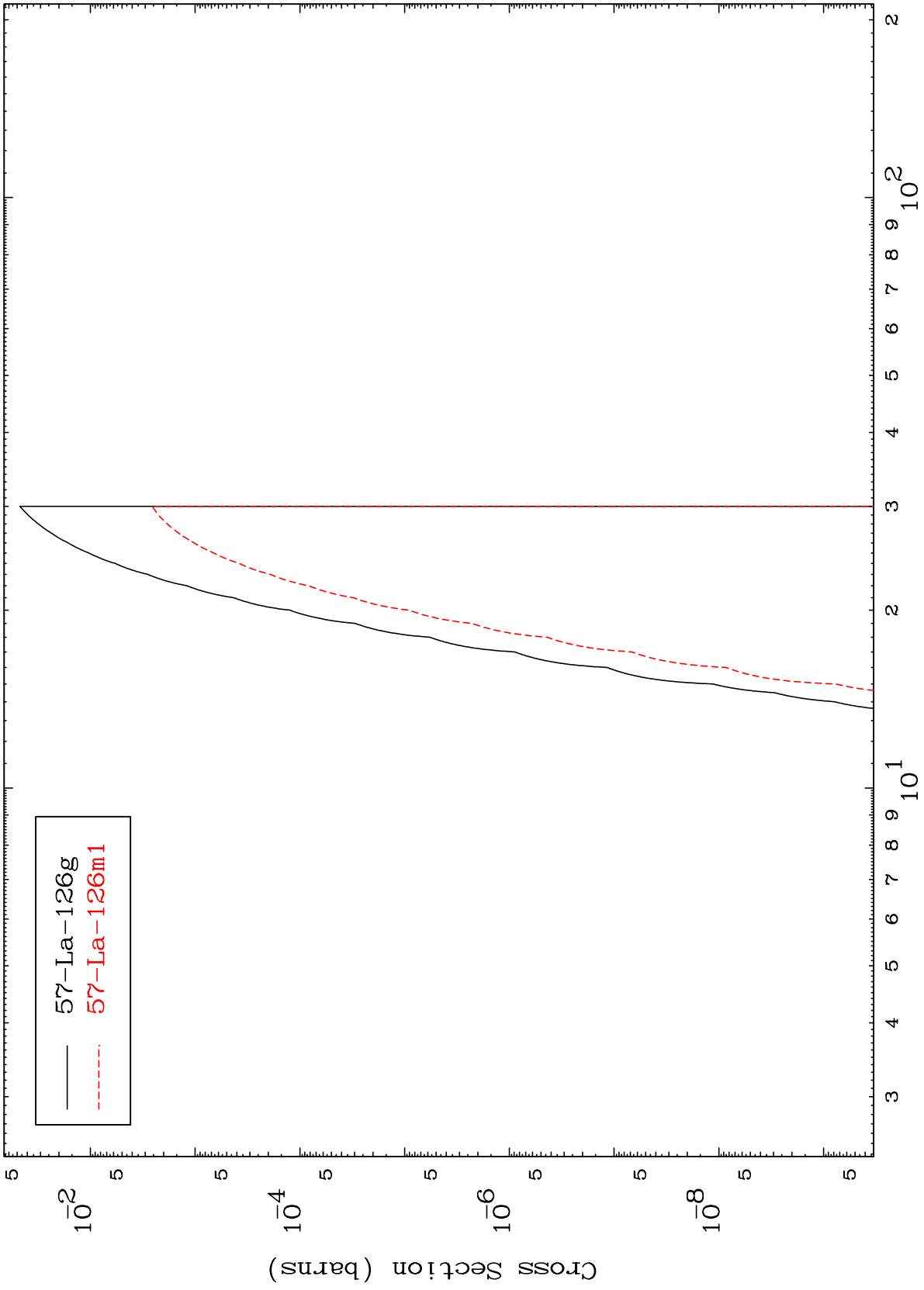
Incident Energy (MeV)

60-Nd-131

MAT 5992

(n,n') p  $\alpha$   
Radionuclide Production Cross Section

60-Nd-131



92

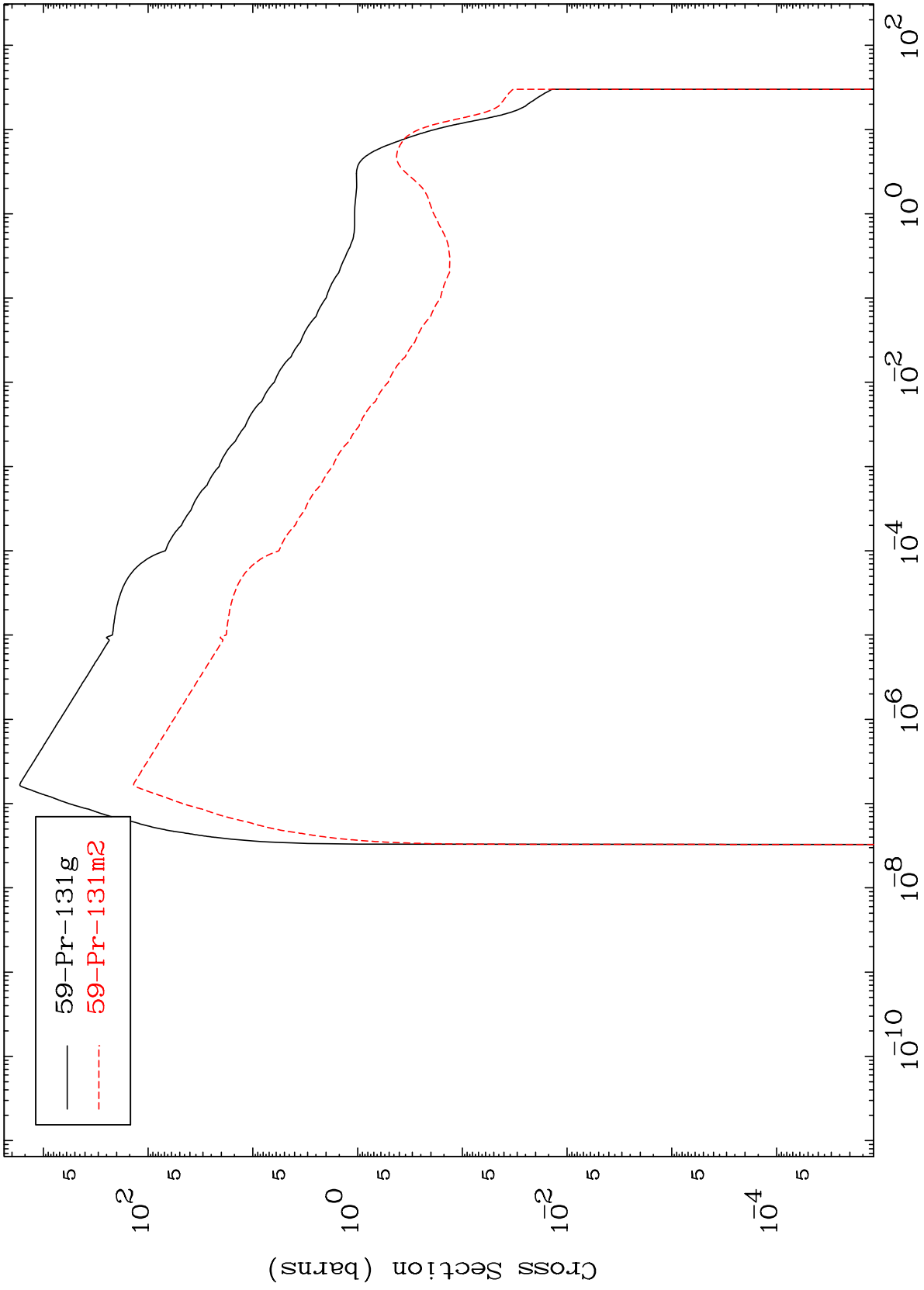
Incident Energy (MeV)

60-Nd-131

MAT 5992

60-Nd-131

Radionuclide Production Cross Section (n,p)



93

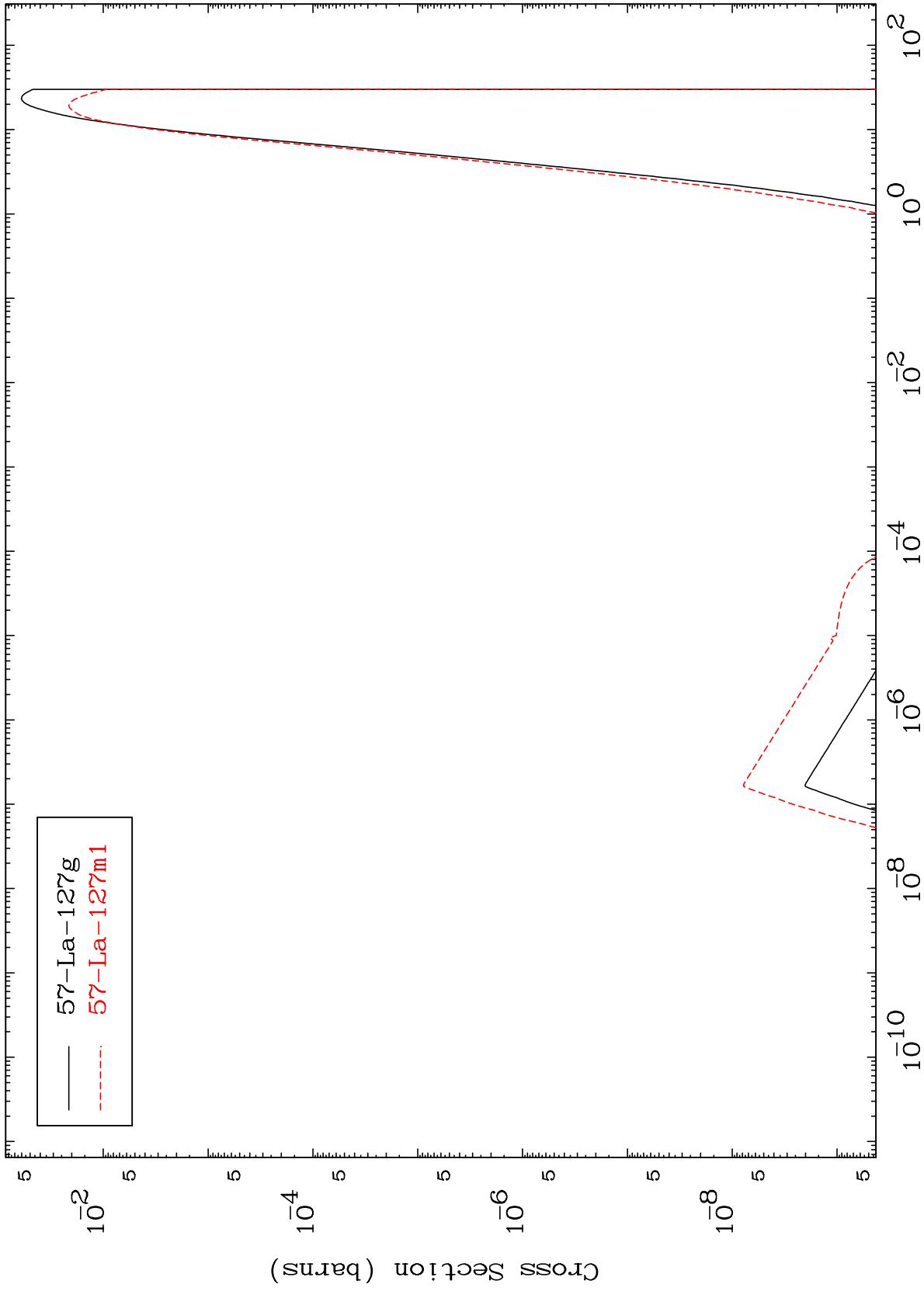
60-Nd-131

MAT 5992

(n,p)  $\alpha$

60-Nd-131

Radionuclide Production Cross Section



94

Incident Energy (MeV)

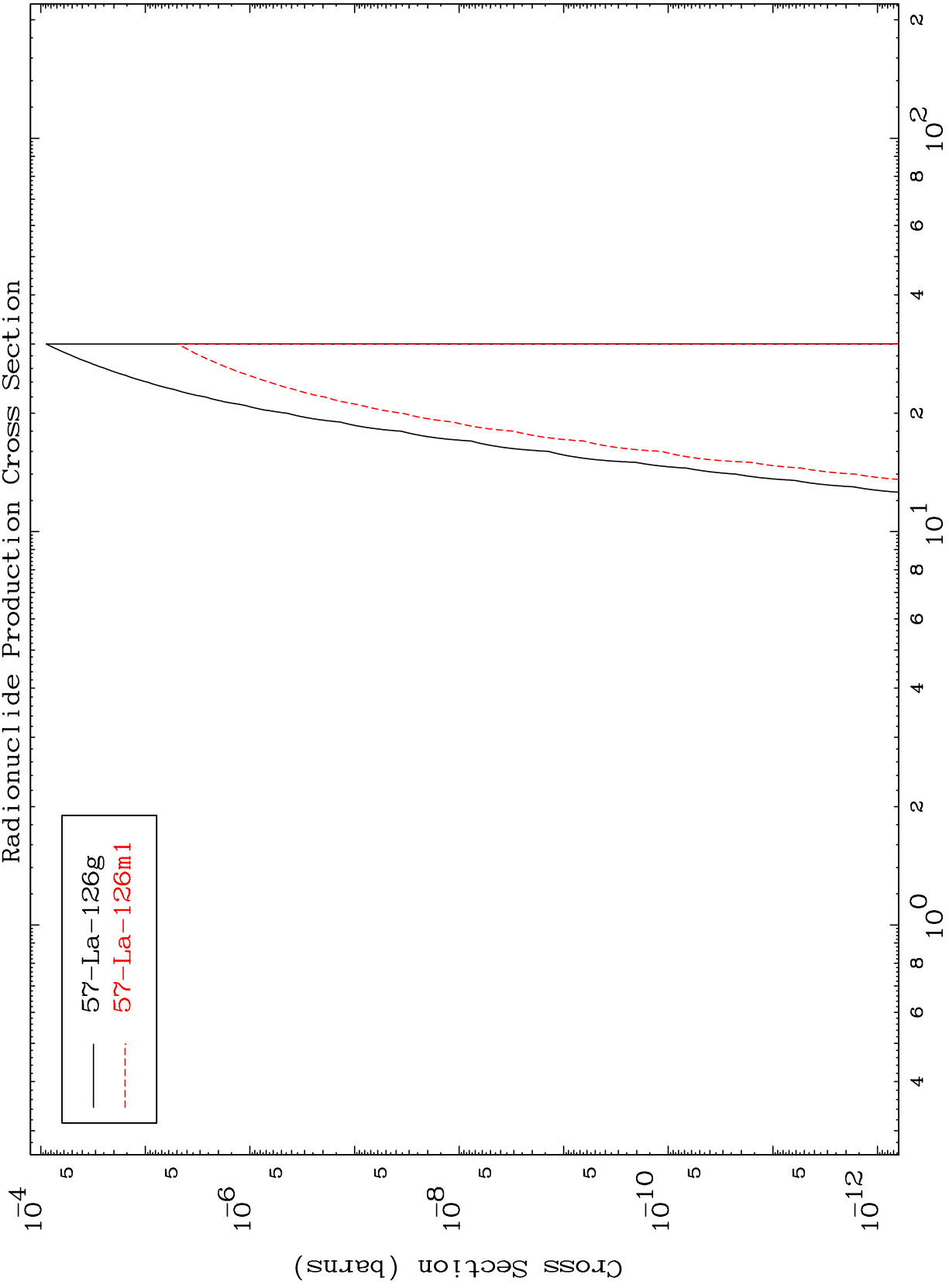
60-Nd-131

MAT 5992

(n,d)  $\alpha$

60-Nd-131

Radionuclide Production Cross Section



95

Incident Energy (MeV)

60-Nd-131