

Program EVALPLOT  
(Version 2017-1)

by

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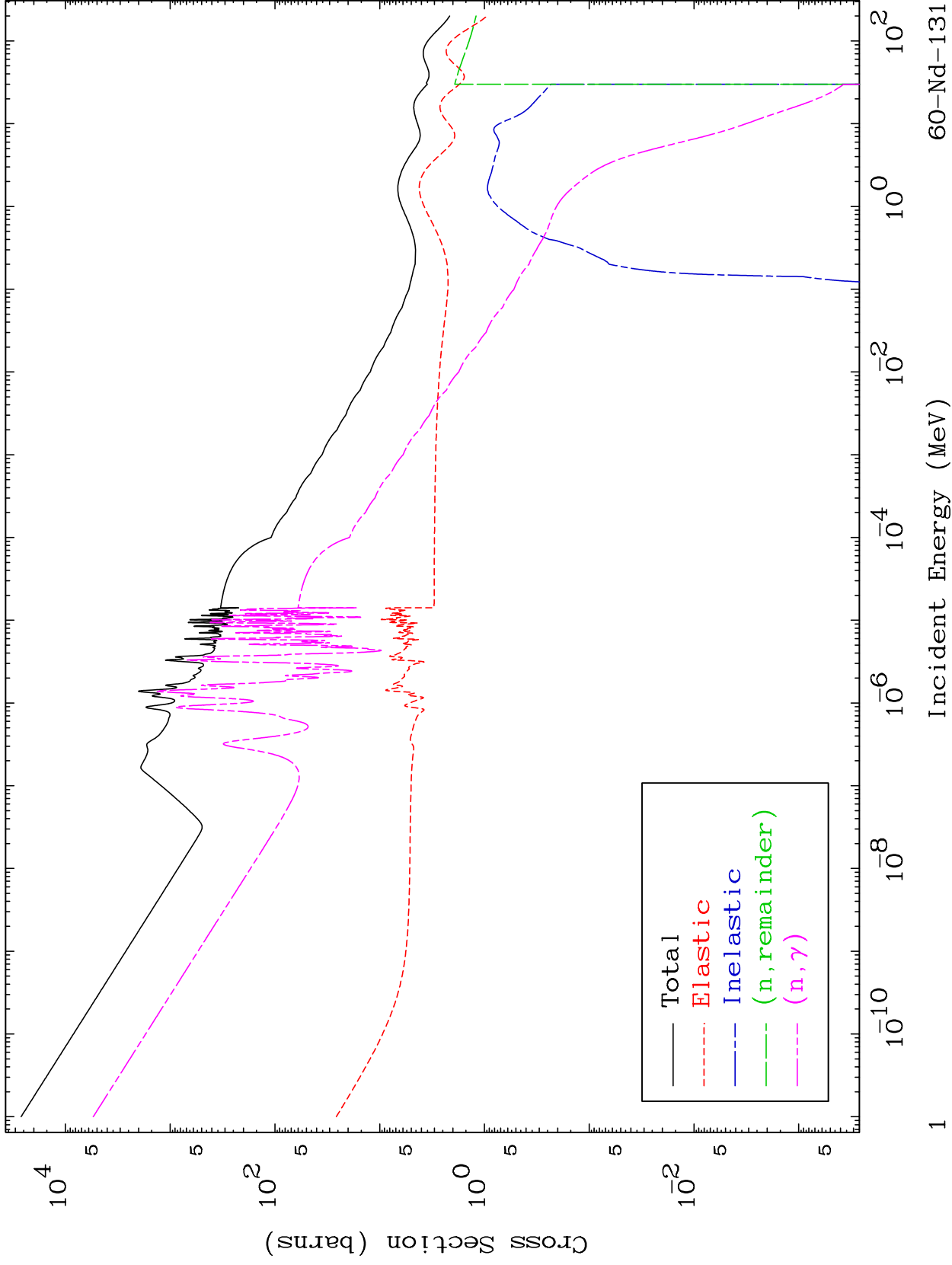
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5992

Major  
293 Kelvin Cross Sections

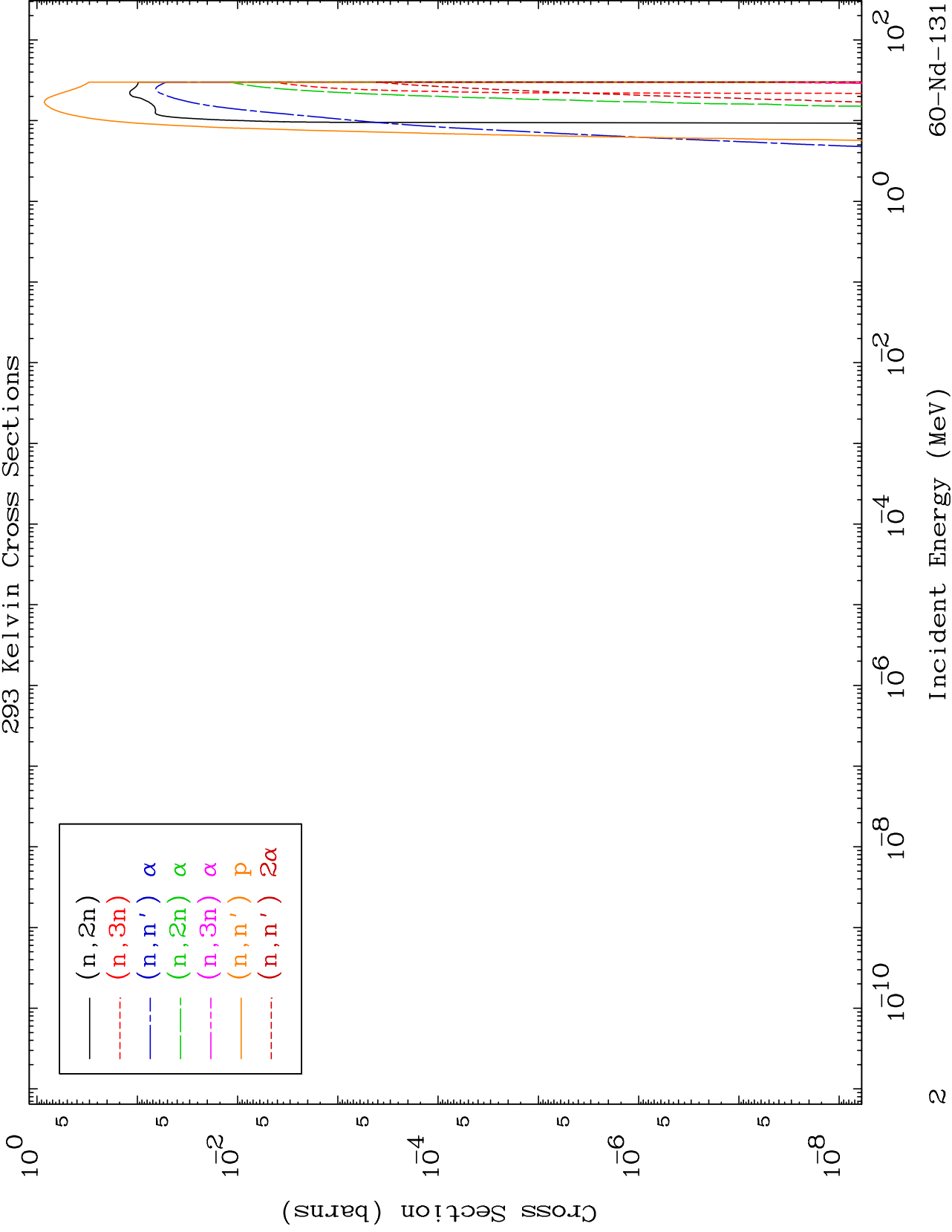
60-Nd-131

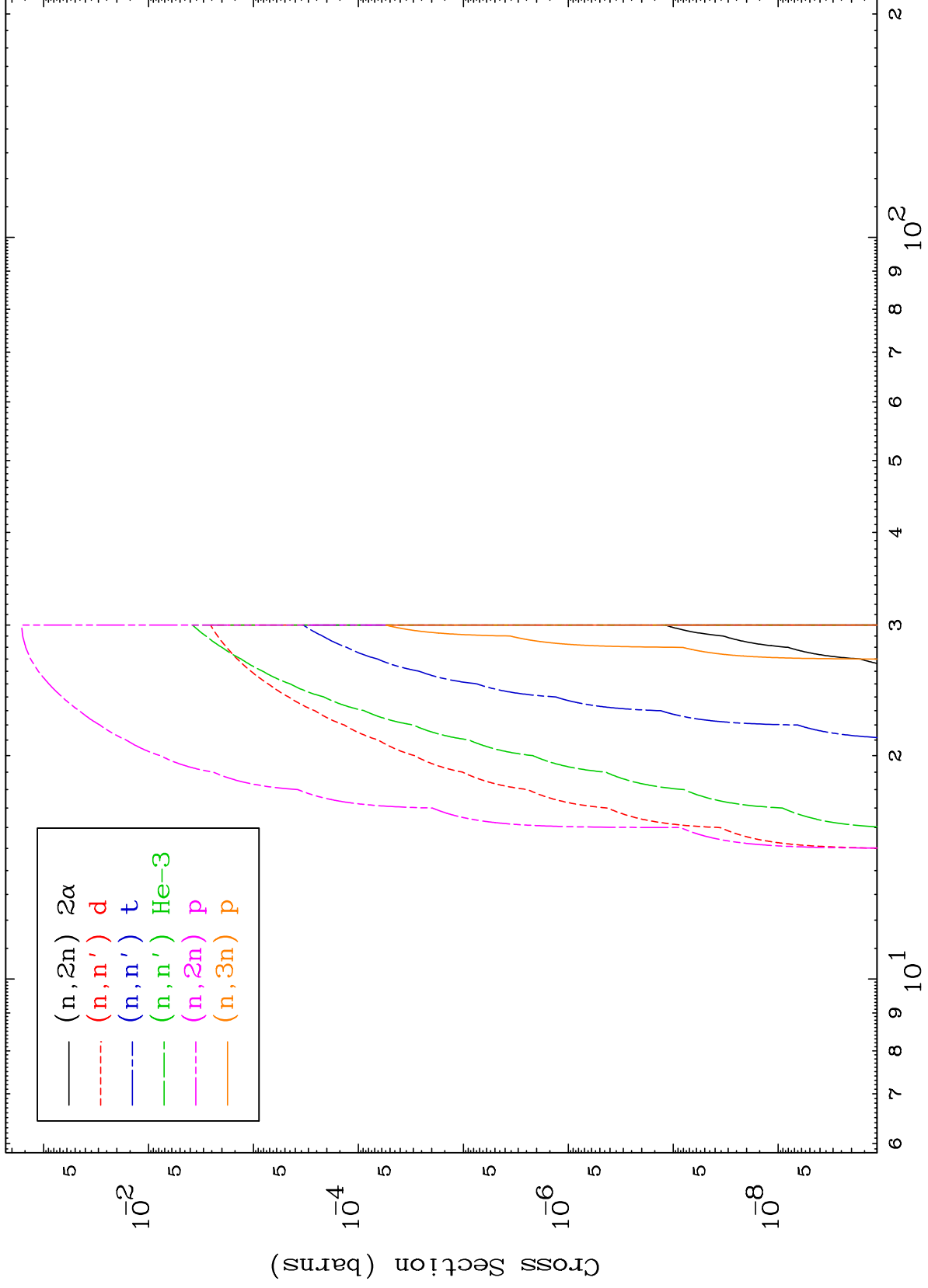


MAT 5992

Neutron Production  
293 Kelvin Cross Sections

60-Nd-131

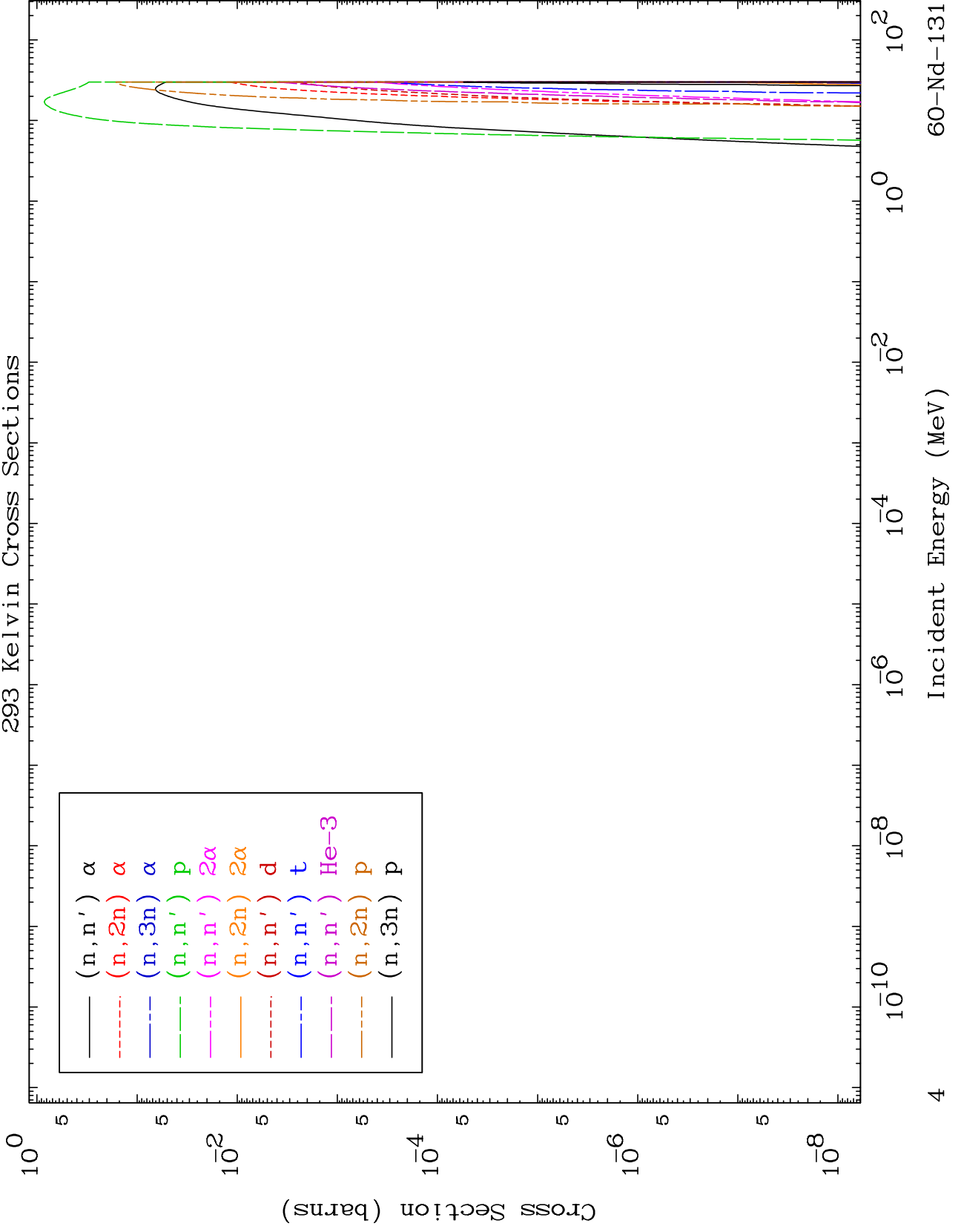


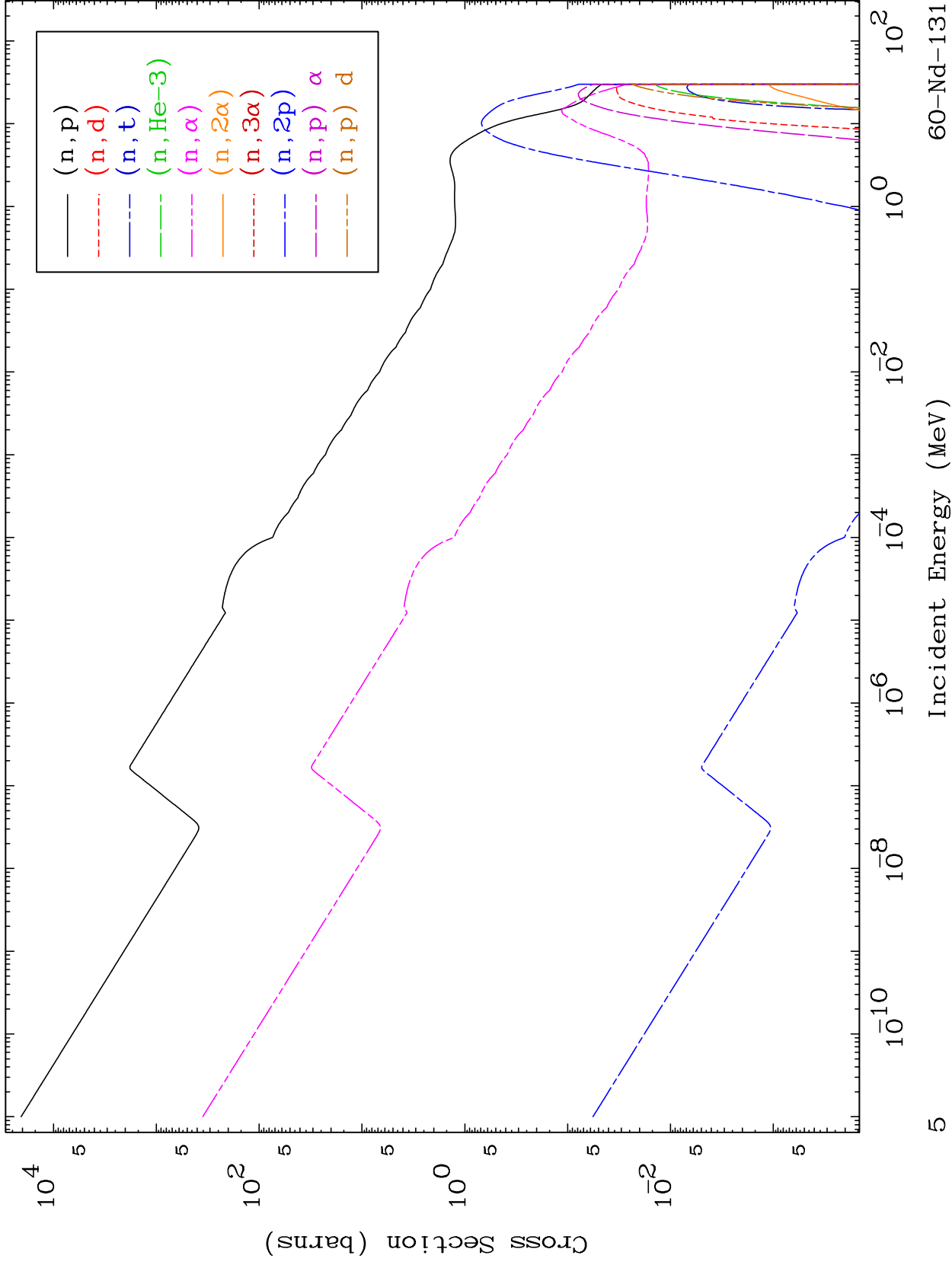


MAT 5992

Charged Particle  
293 Kelvin Cross Sections

60-Nd-131

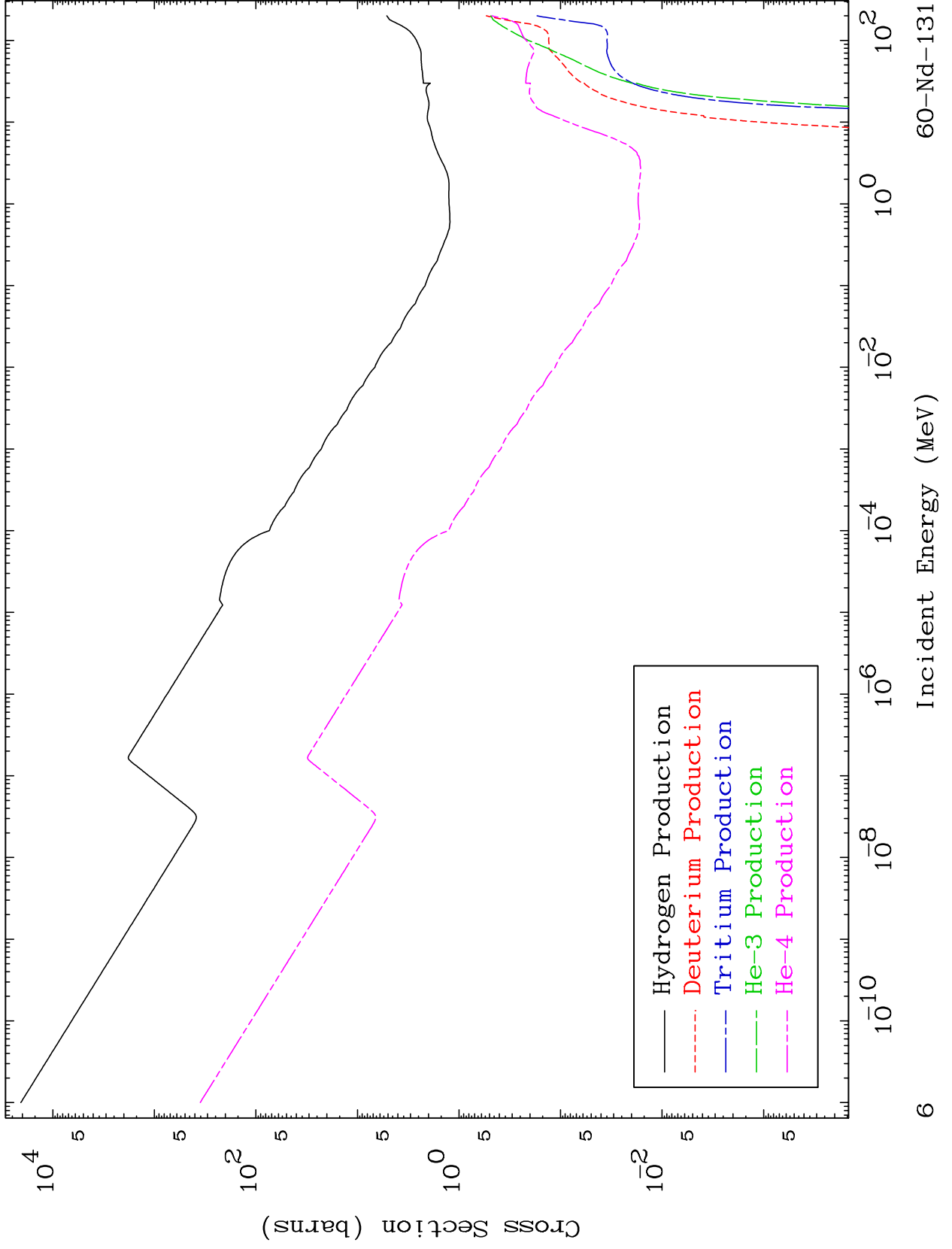




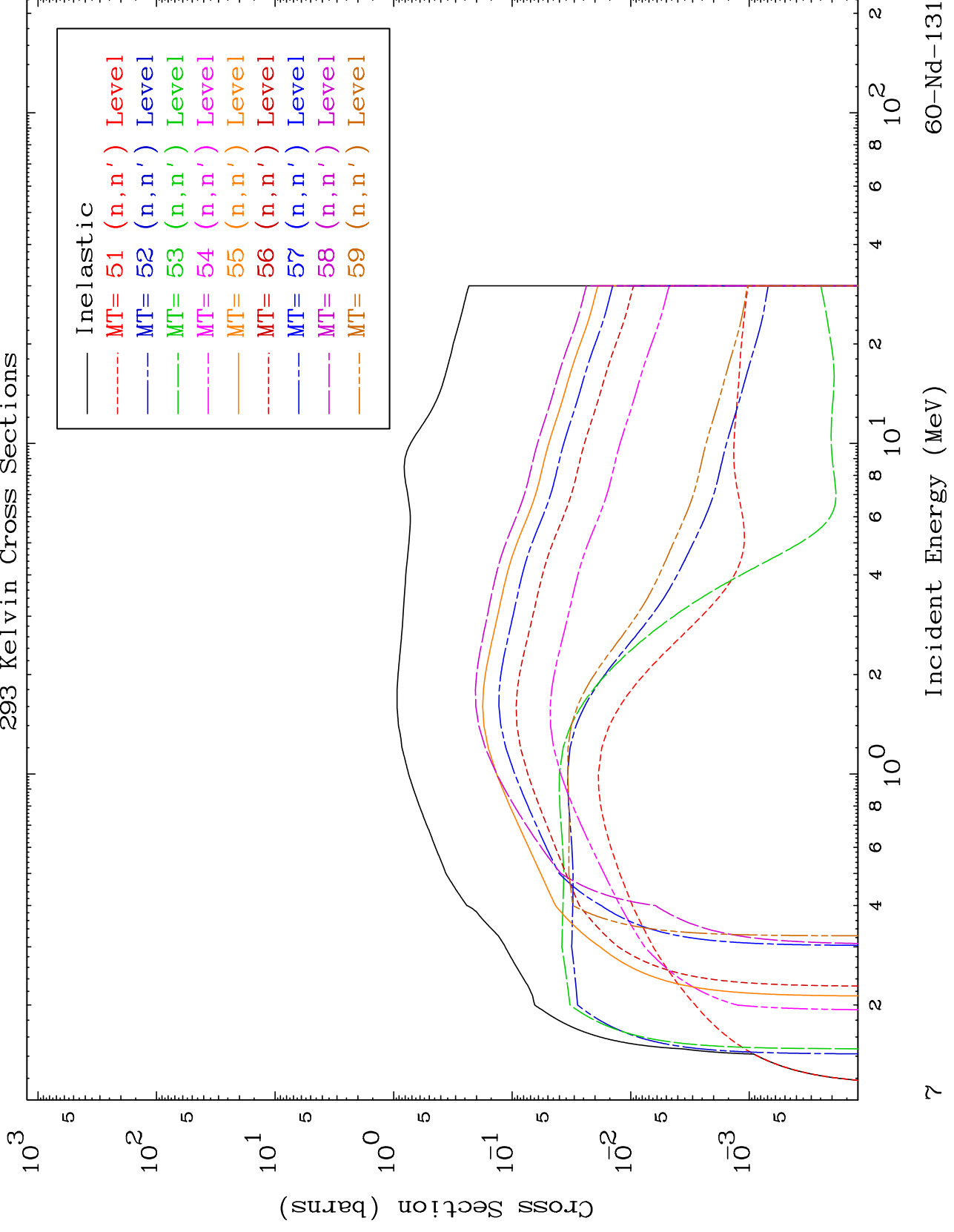
MAT 5992

Particle Production  
293 Kelvin Cross Sections

60-Nd-131

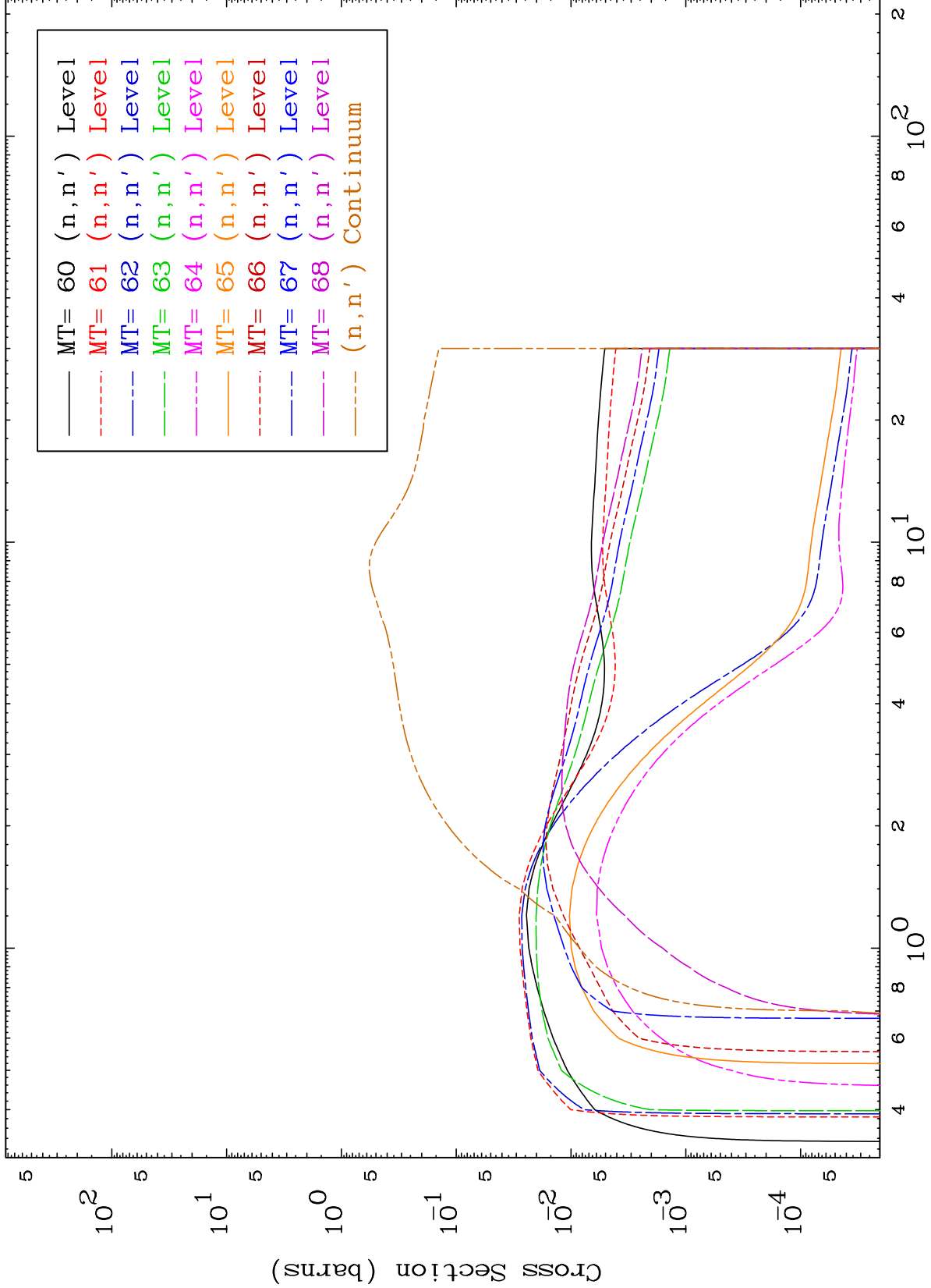


293 Kelvin Cross Sections





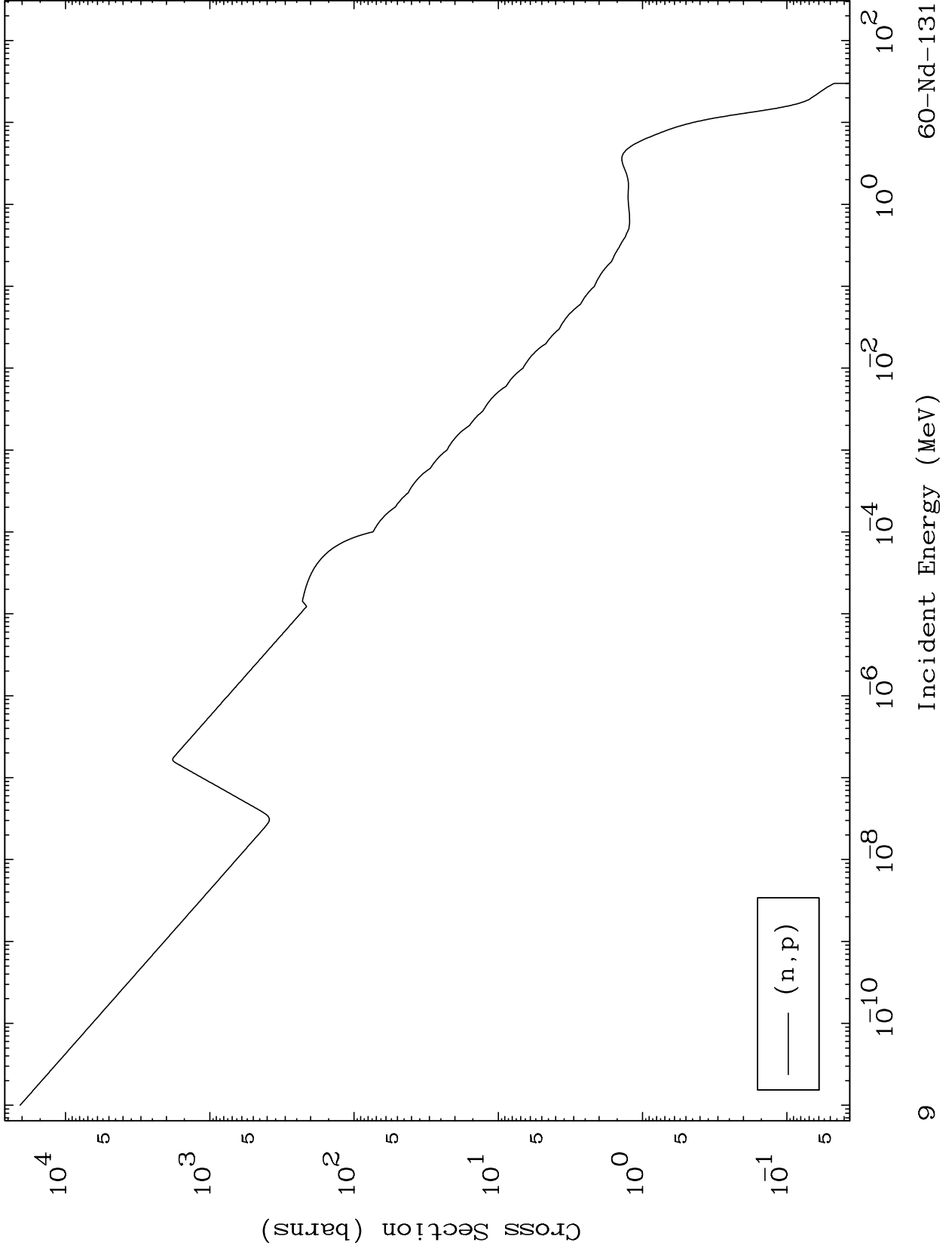
293 Kelvin Cross Sections



MAT 5992

(n,p) Levels  
293 Kelvin Cross Sections

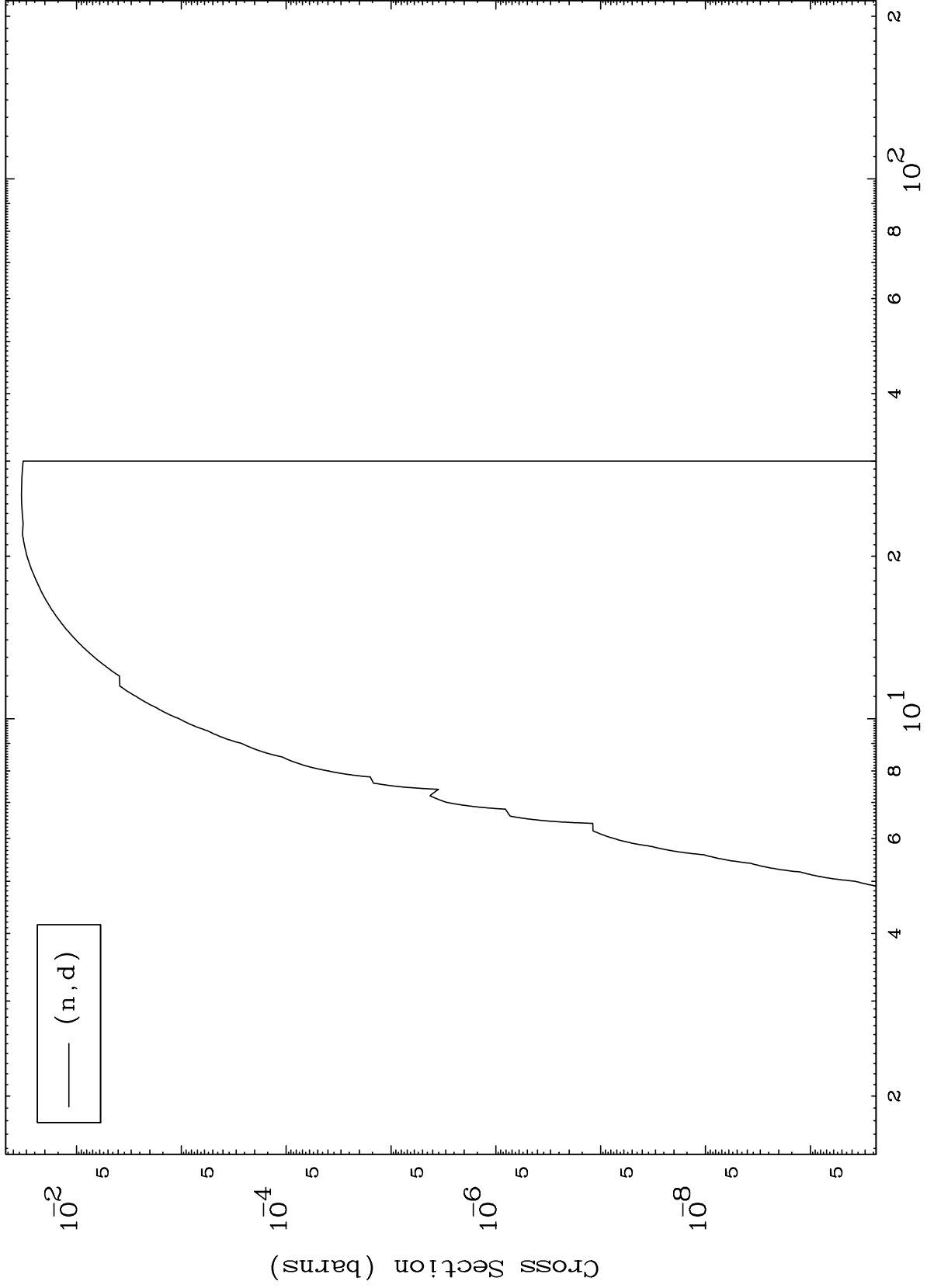
60-Nd-131



MAT 5992

(n,d) Levels  
293 Kelvin Cross Sections

60-Nd-131



10

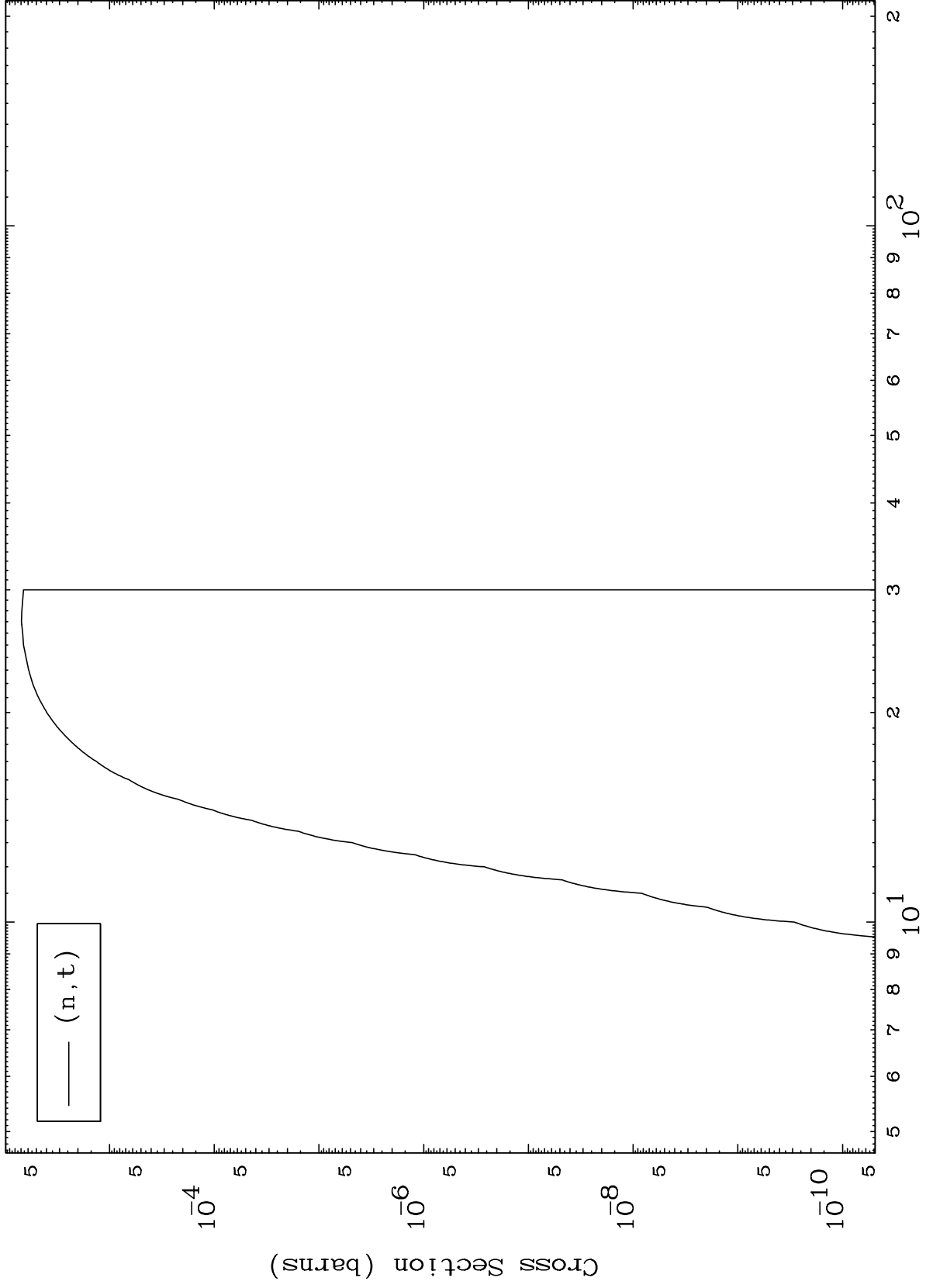
Incident Energy (MeV)

60-Nd-131

MAT 5992

(n,t) Levels  
293 Kelvin Cross Sections

60-Nd-131



11

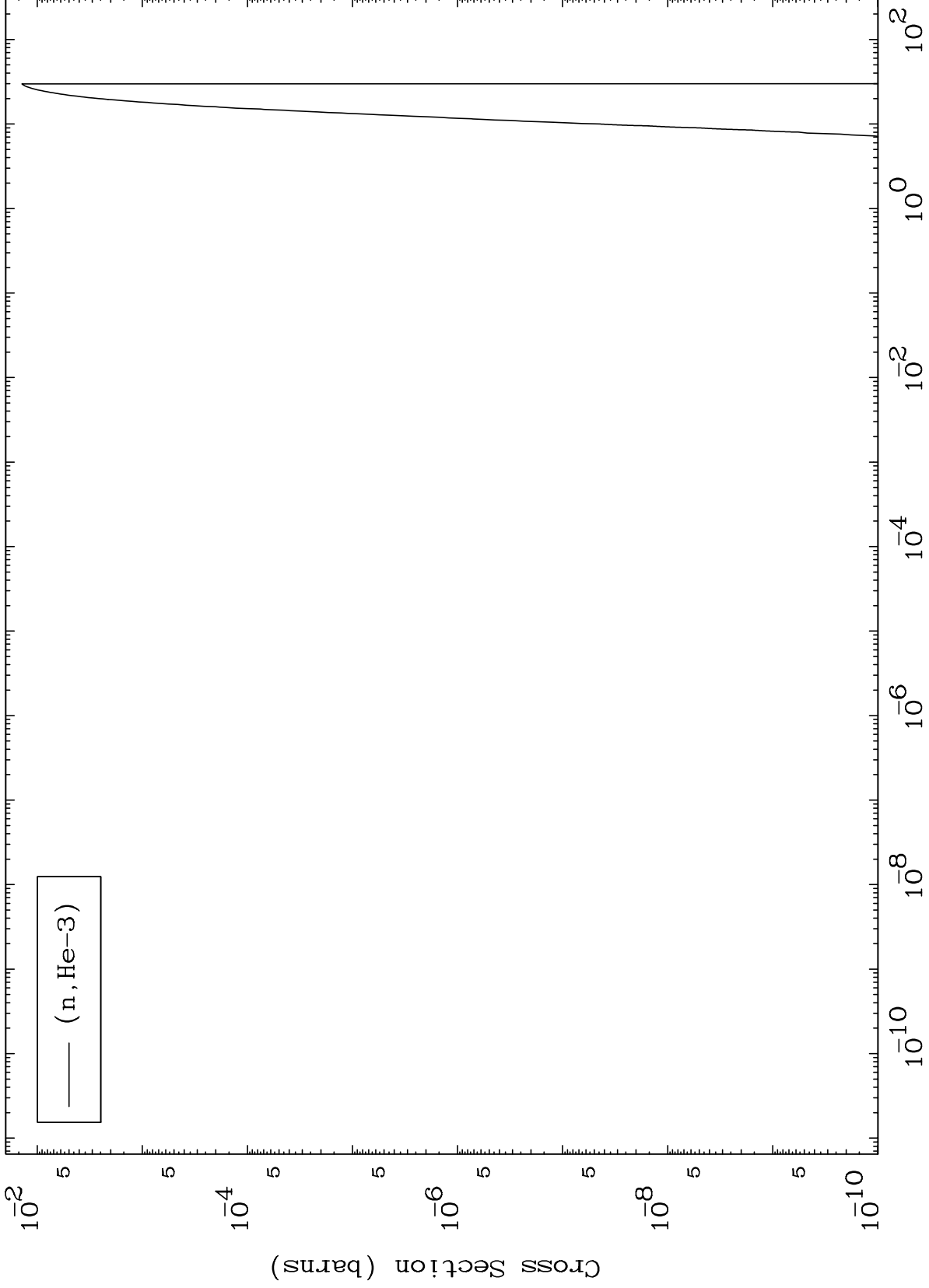
Incident Energy (MeV)

60-Nd-131

MAT 5992

(n,He3) Levels  
293 Kelvin Cross Sections

60-Nd-131



12

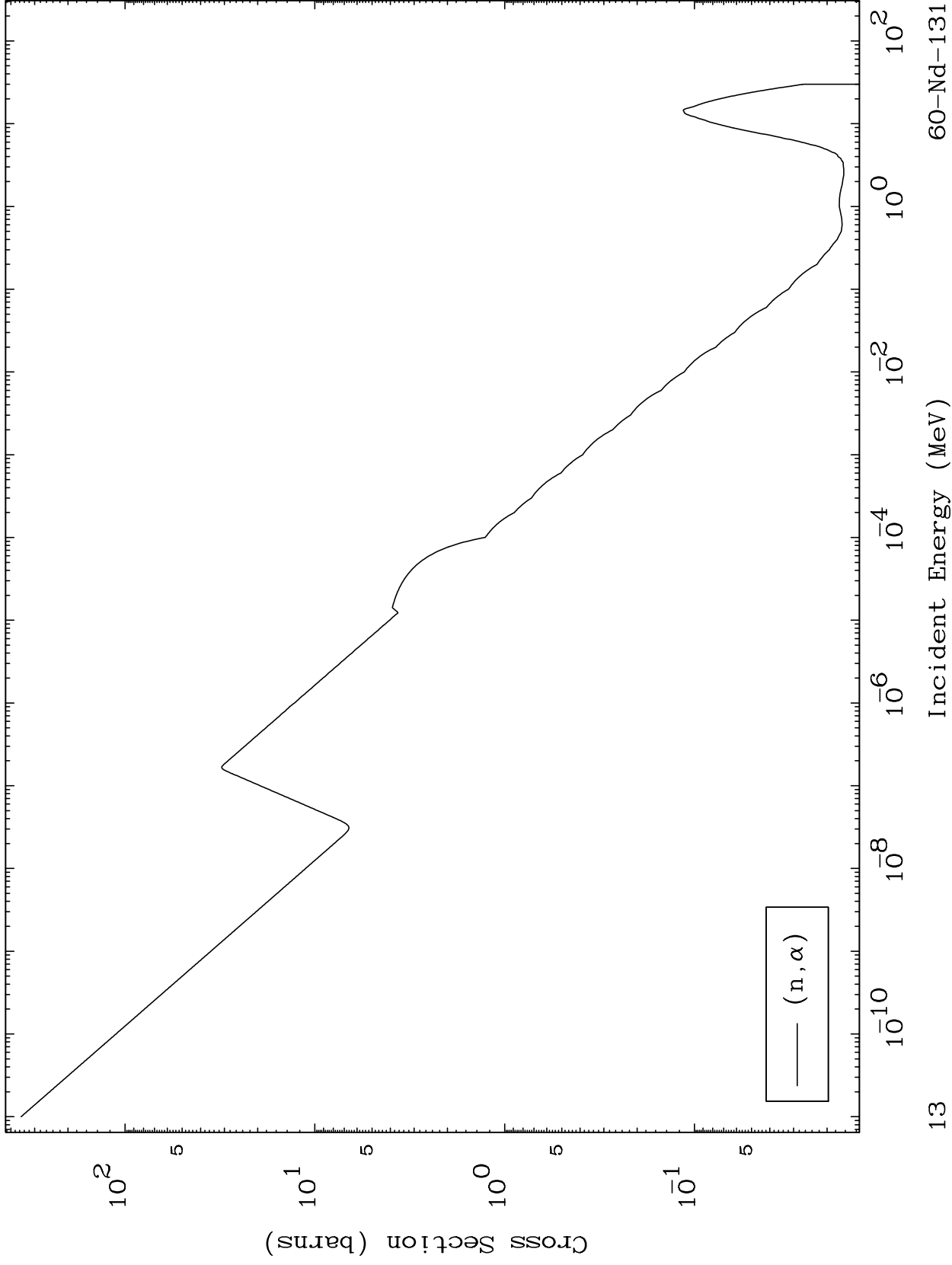
Incident Energy (MeV)

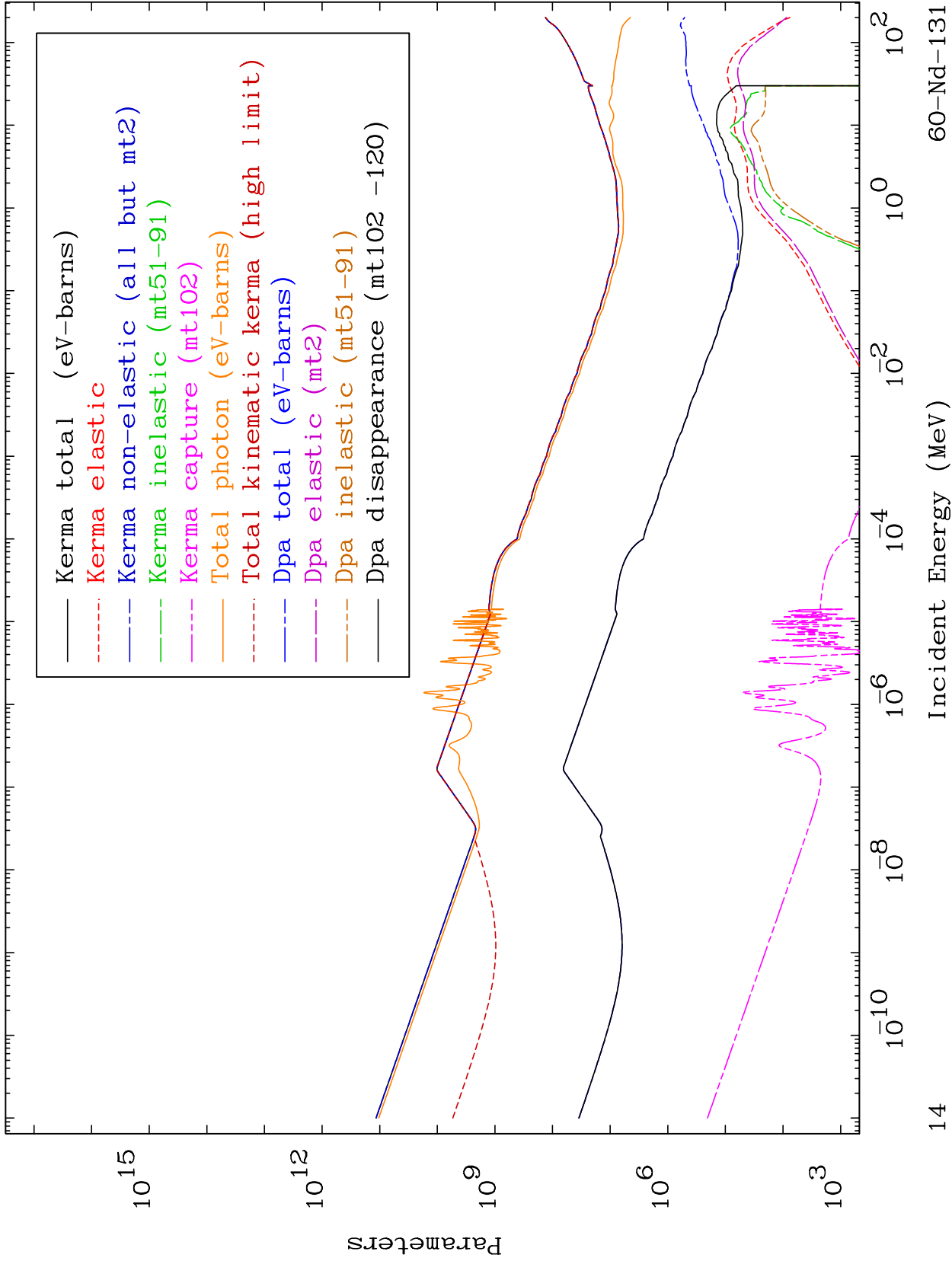
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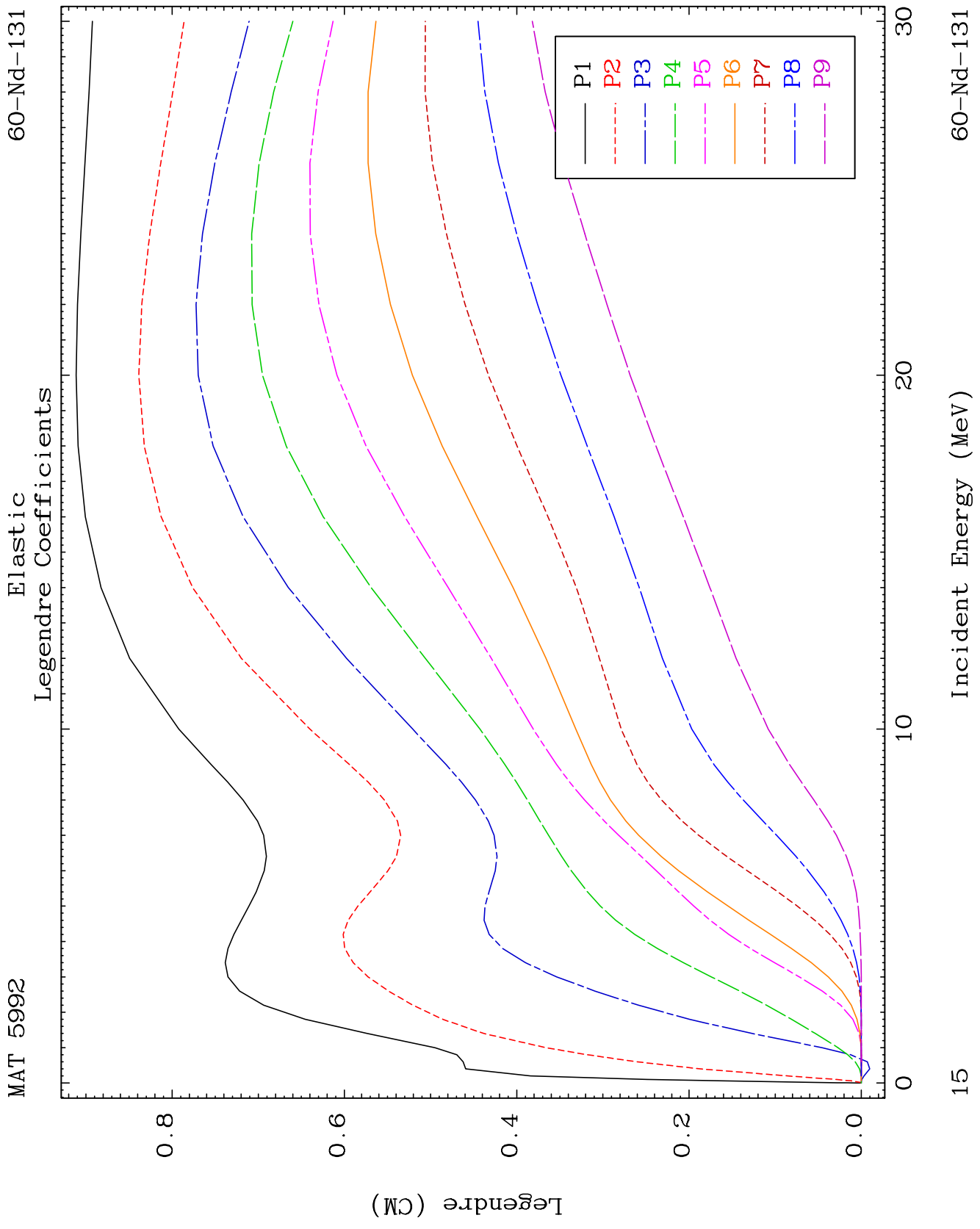
MAT 5992

(n,α) Levels  
293 Kelvin Cross Sections

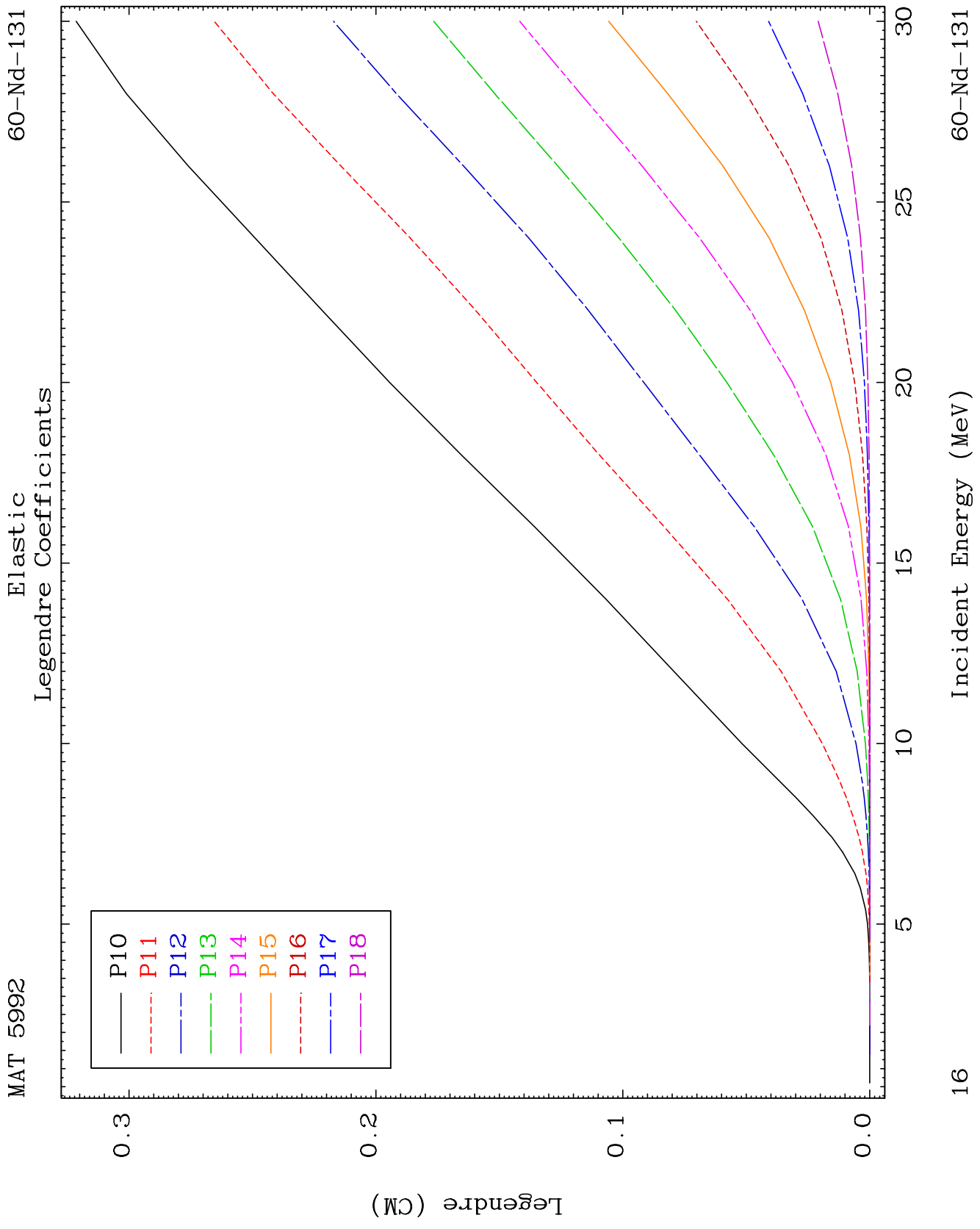
60-Nd-131







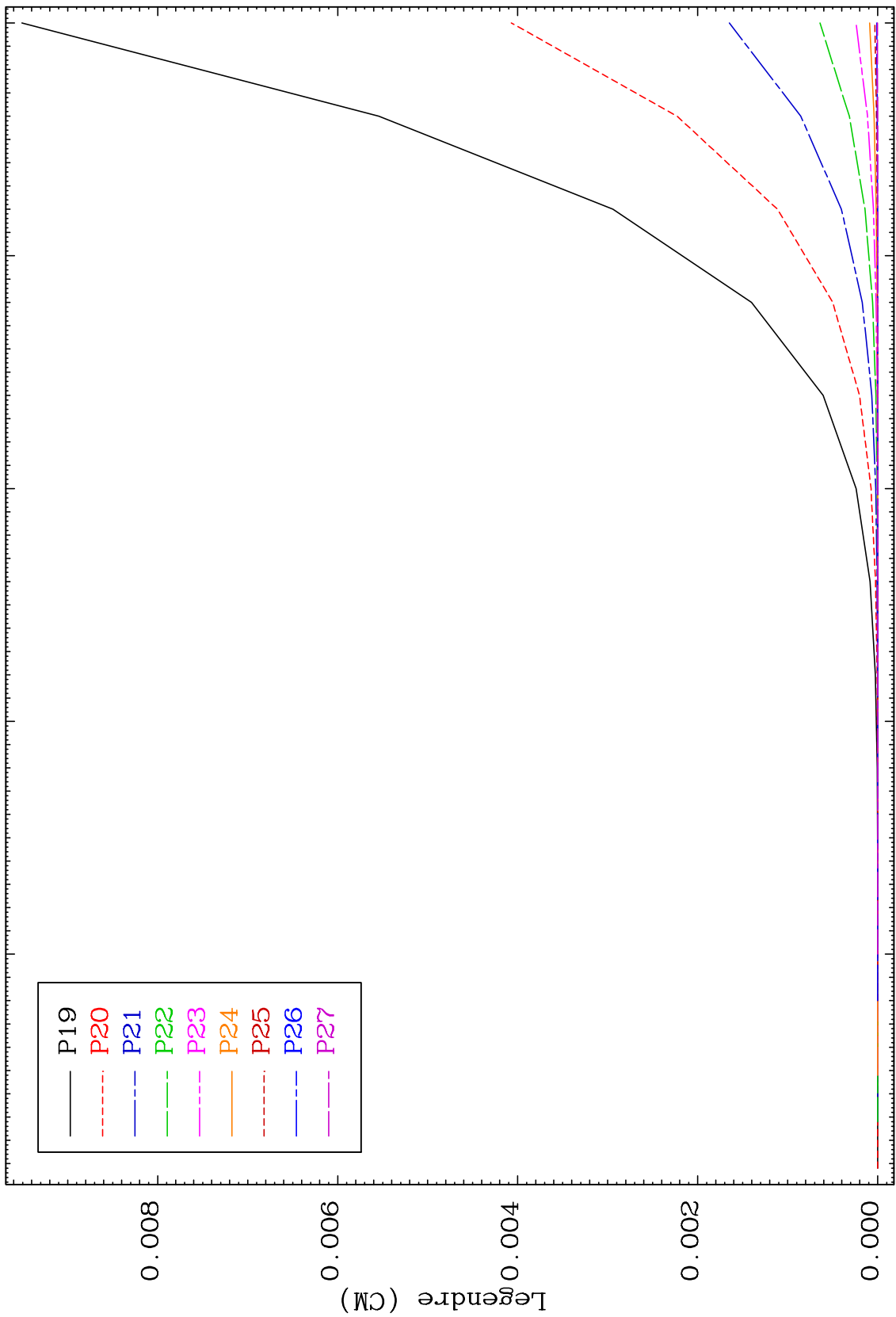




MAT 5992

### Elastic Legendre Coefficients

60-Nd-131



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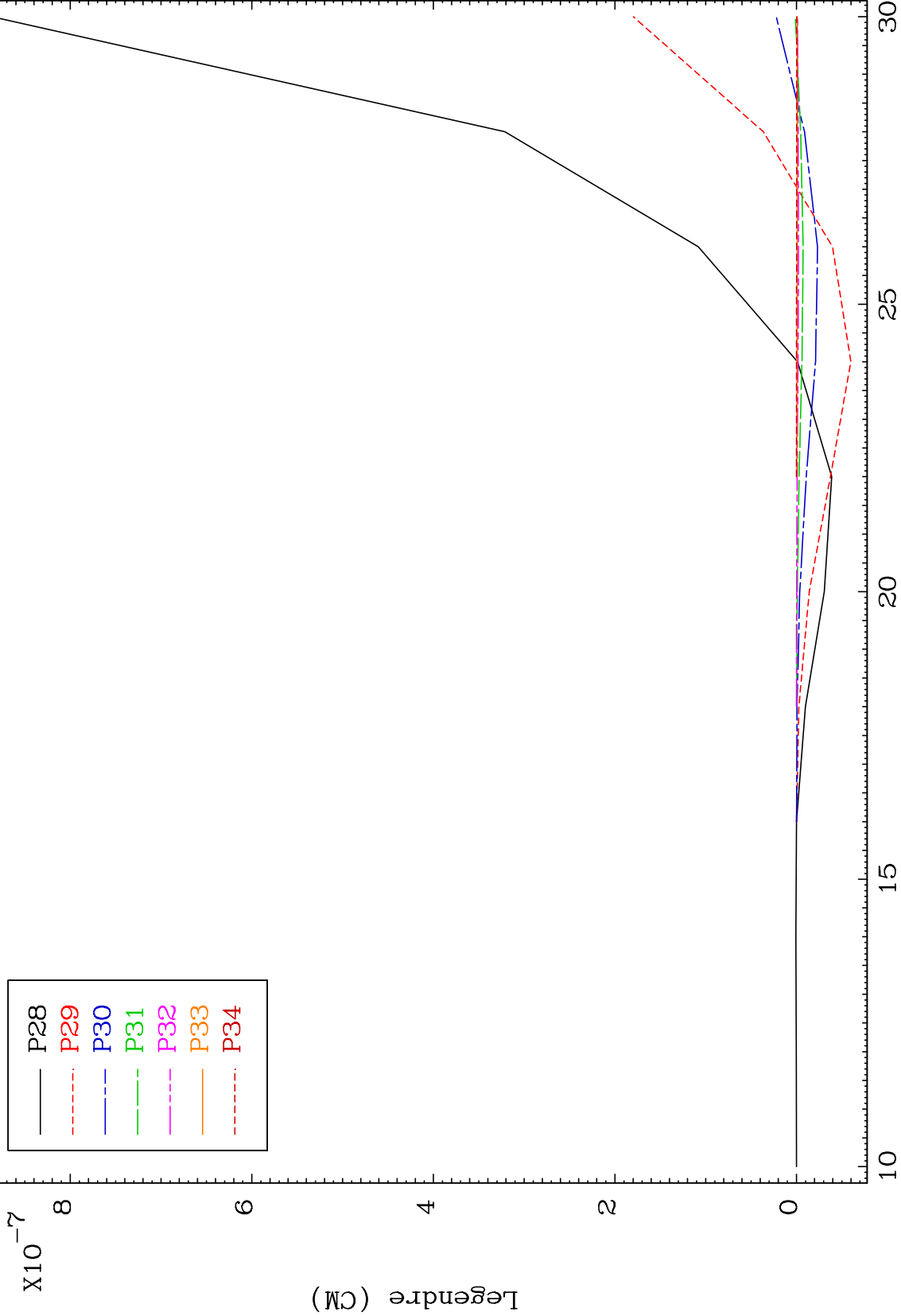
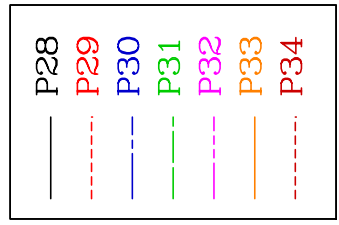
Incident Energy (MeV)

60-Nd-131

MAT 5992

Elastic Legendre Coefficients

60-Nd-131



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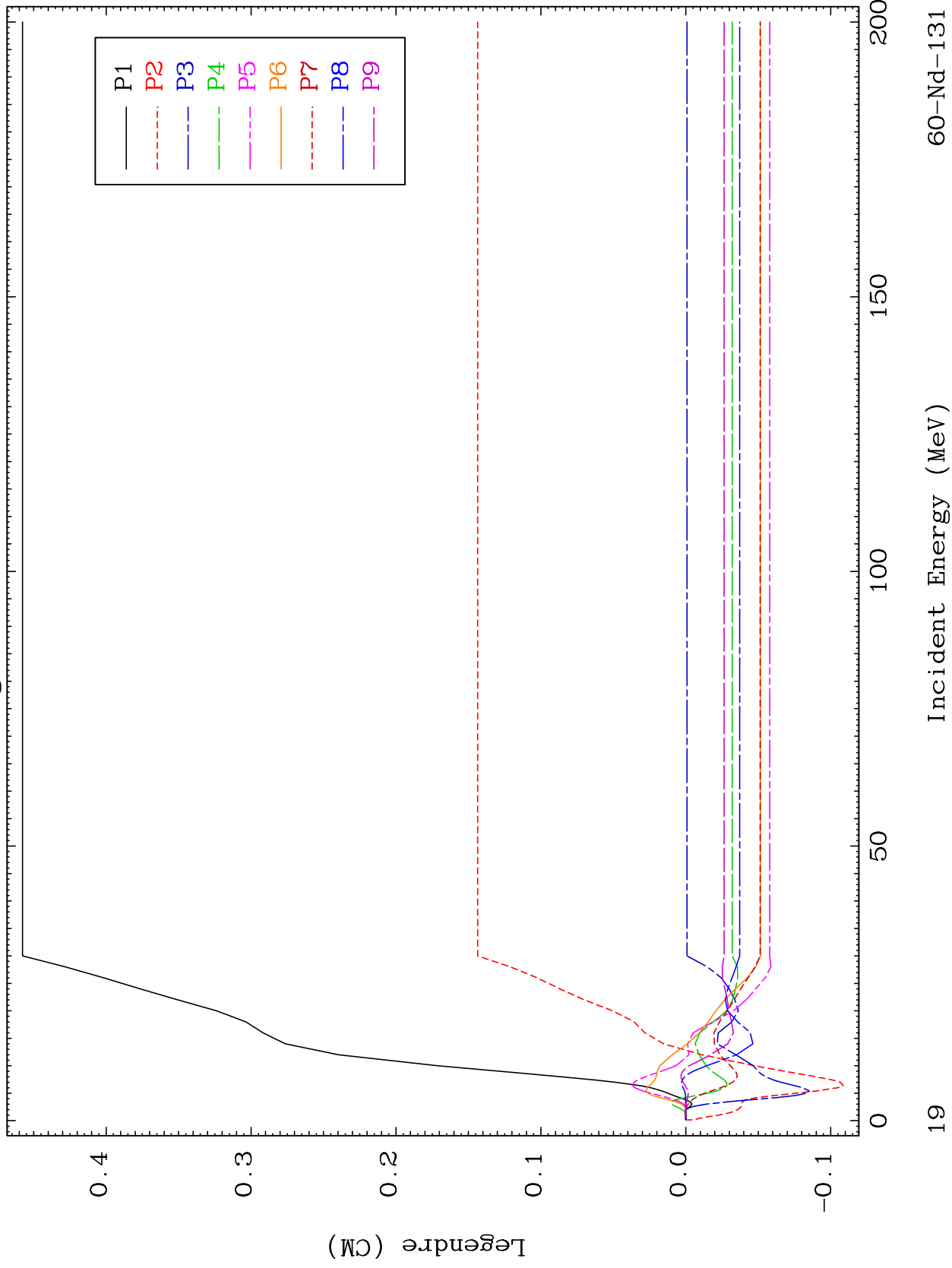
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



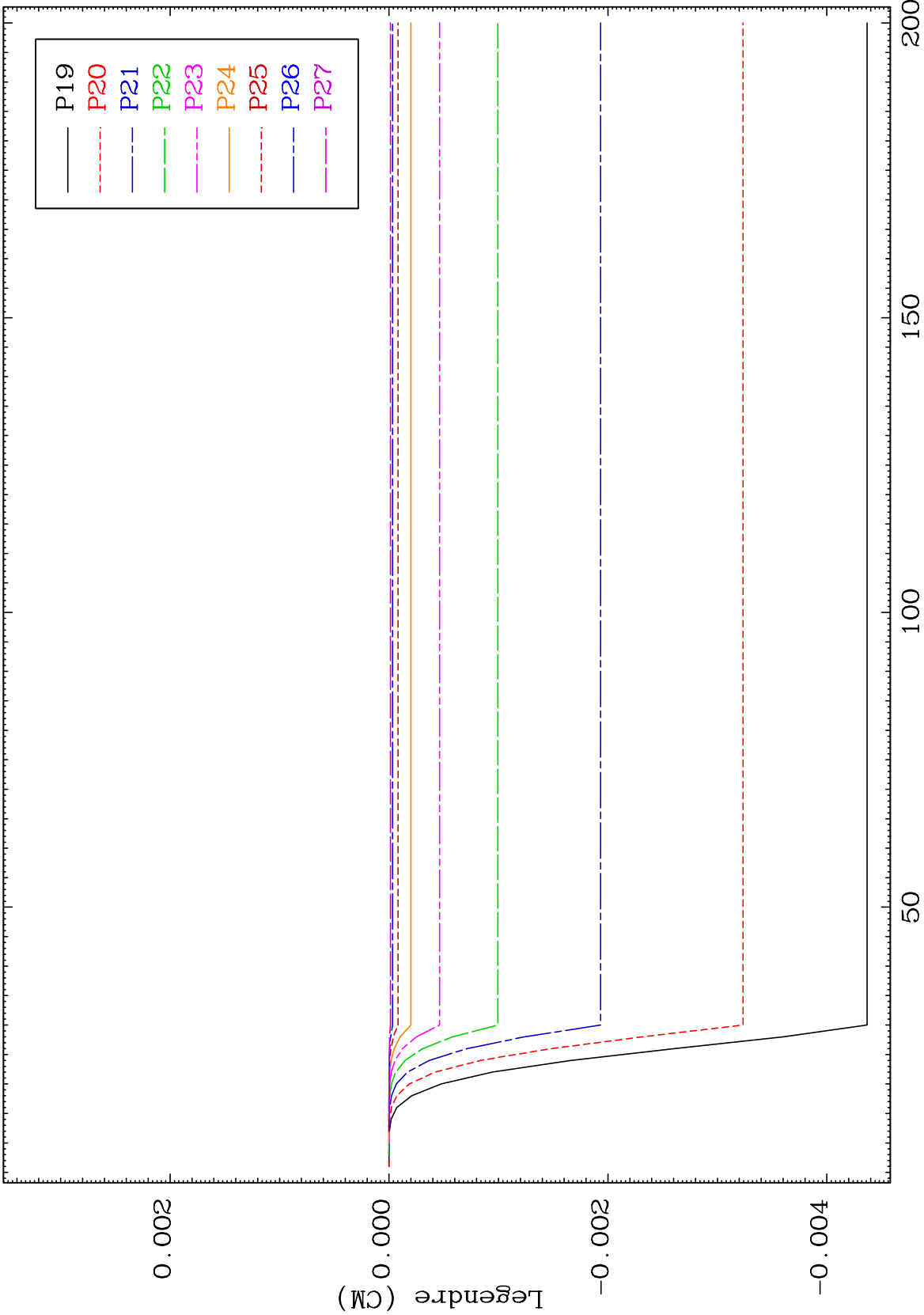
60-Nd-131

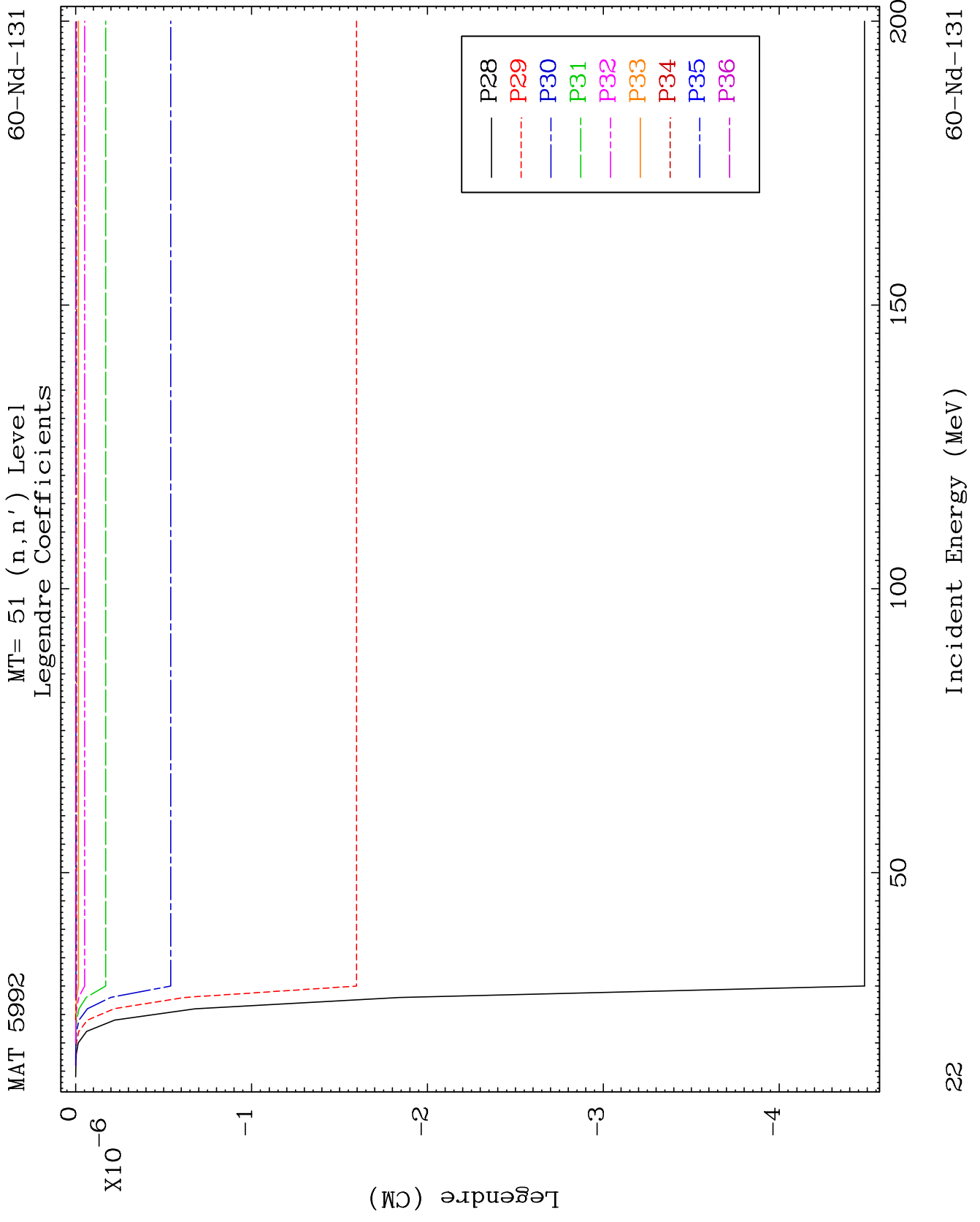


MAT 5992

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

60-Nd-131

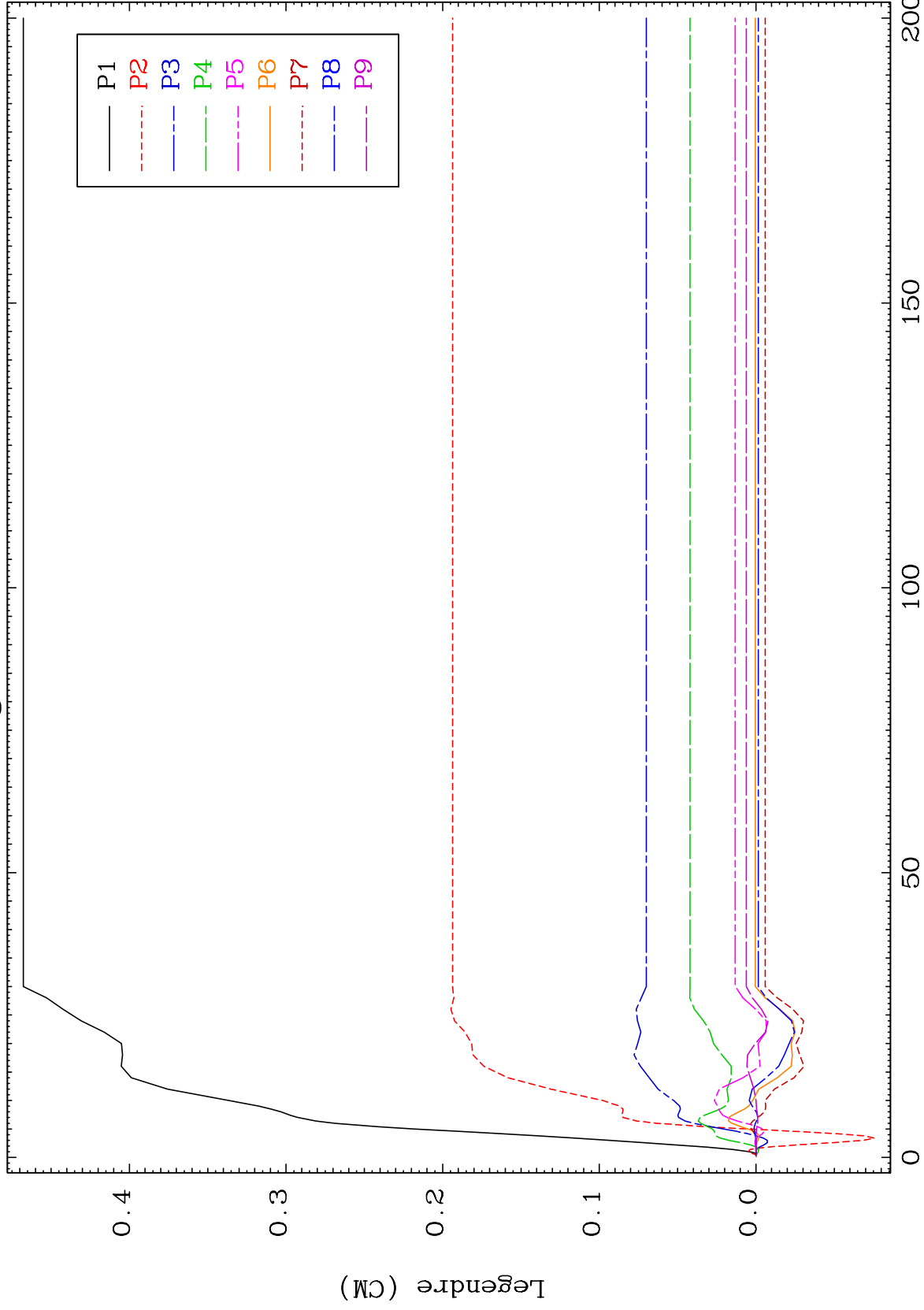




MAT 5992

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

60-Nd-131



60-Nd-131

Incident Energy (MeV)

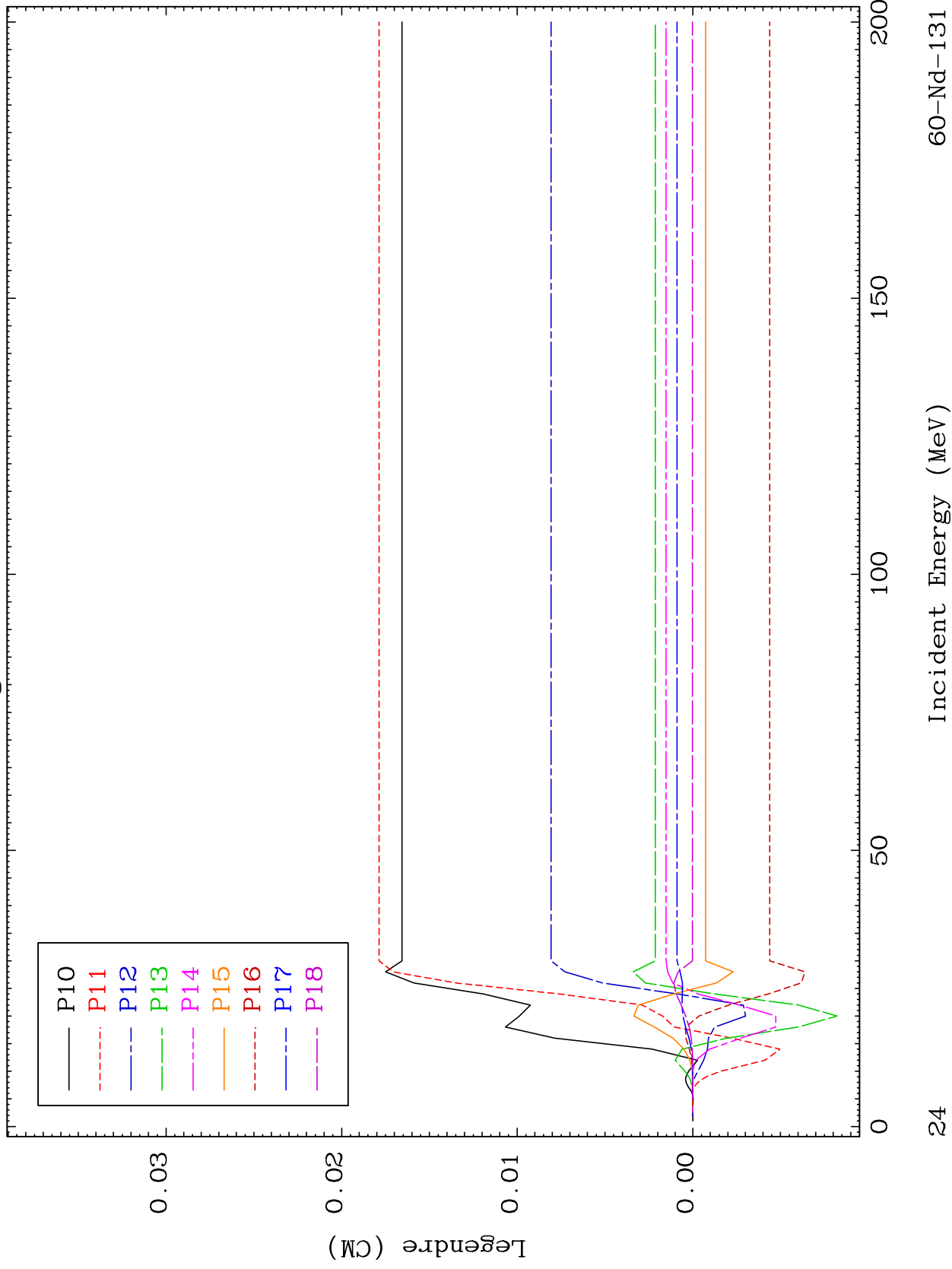
23



MAT 5992

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

60-Nd-131



24

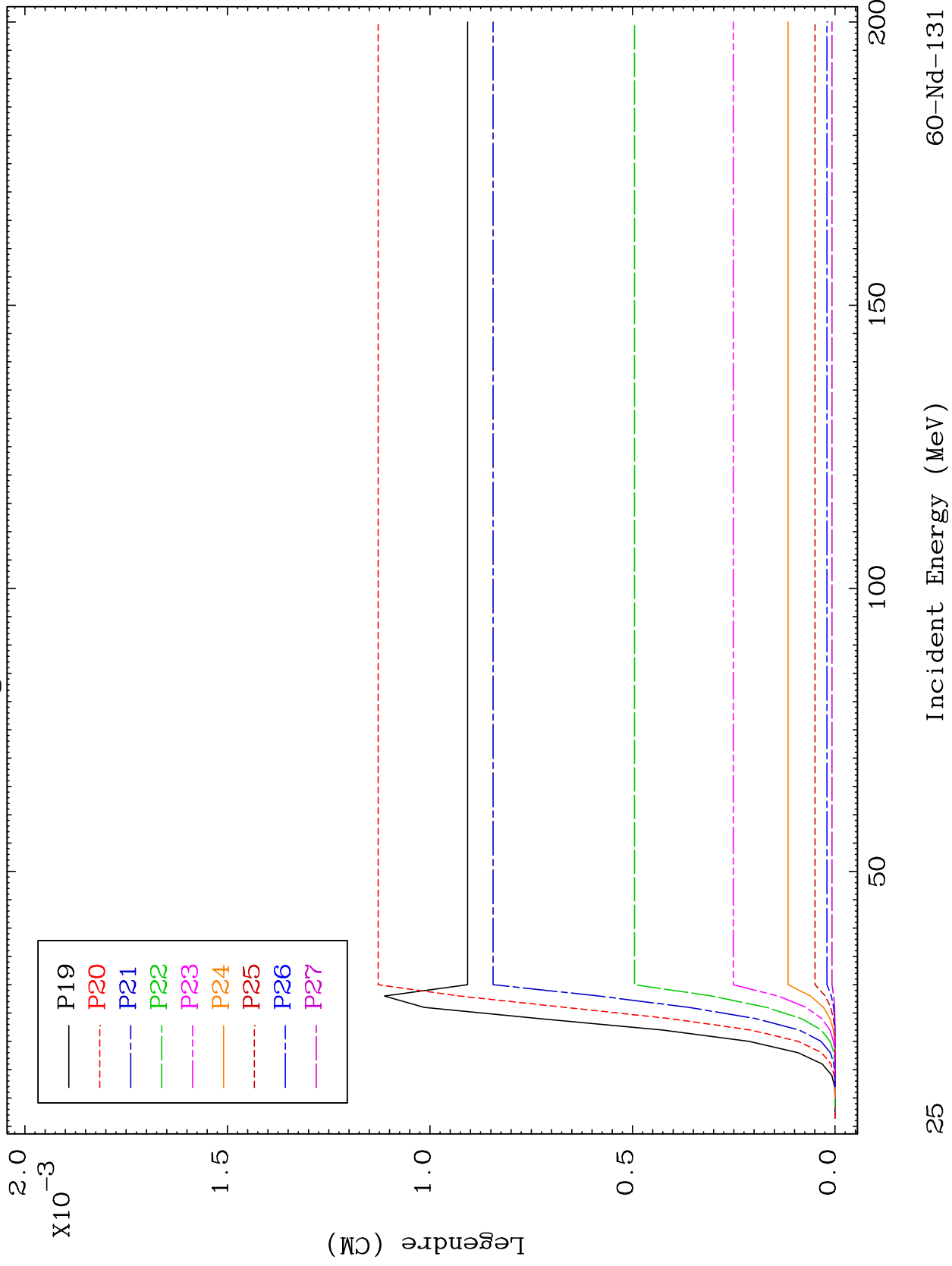
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



25

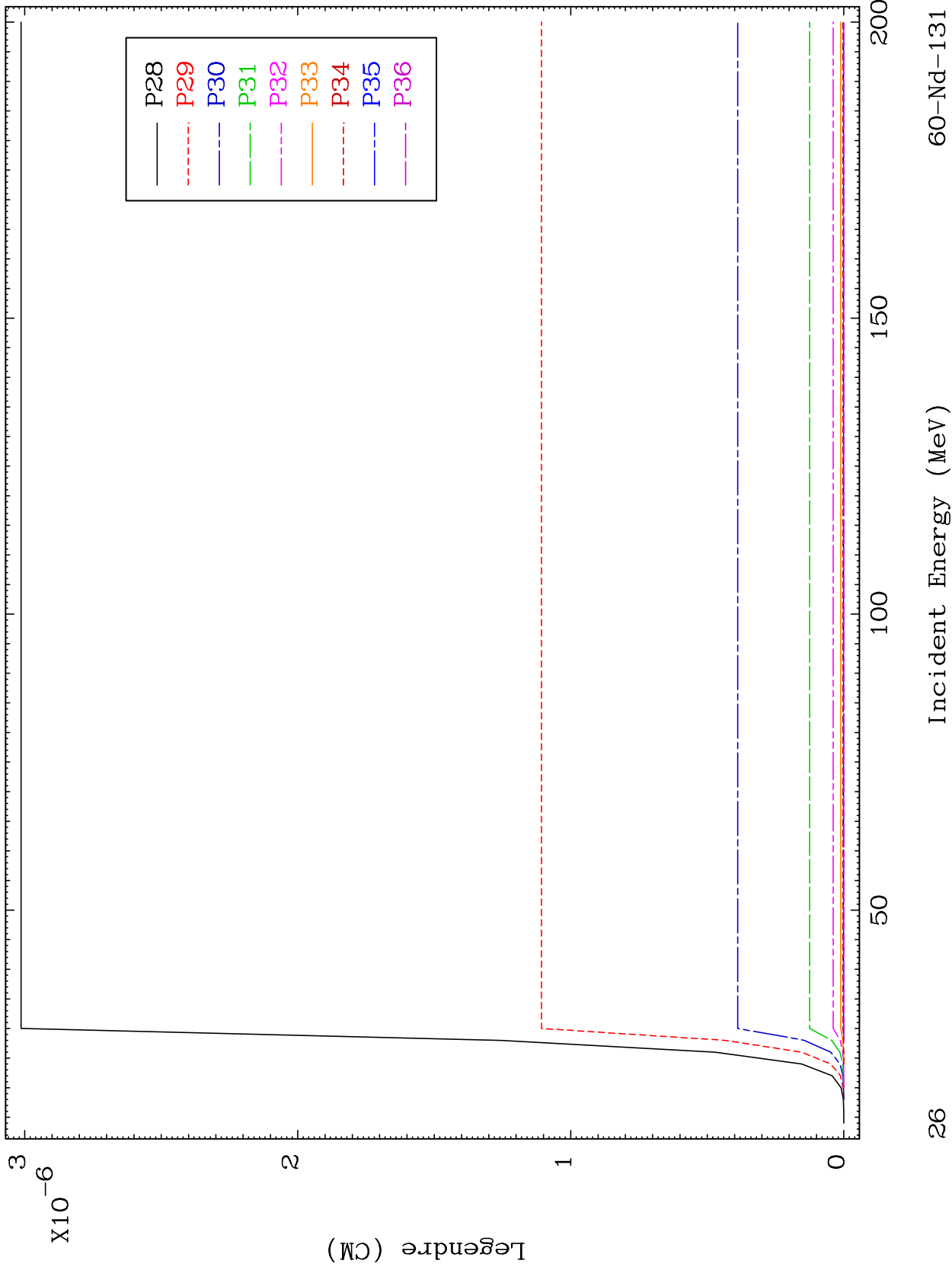
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



26

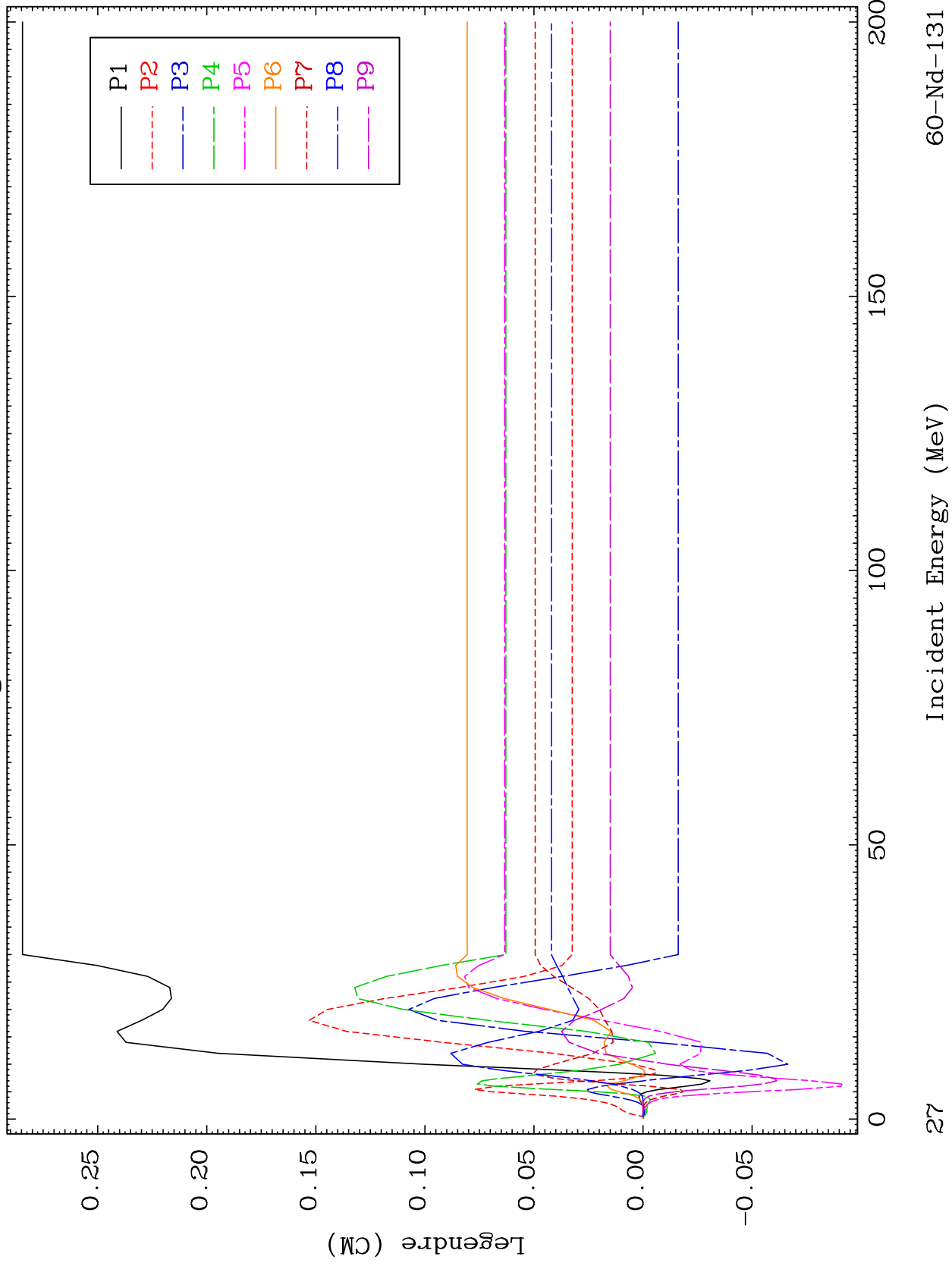
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



60-Nd-131

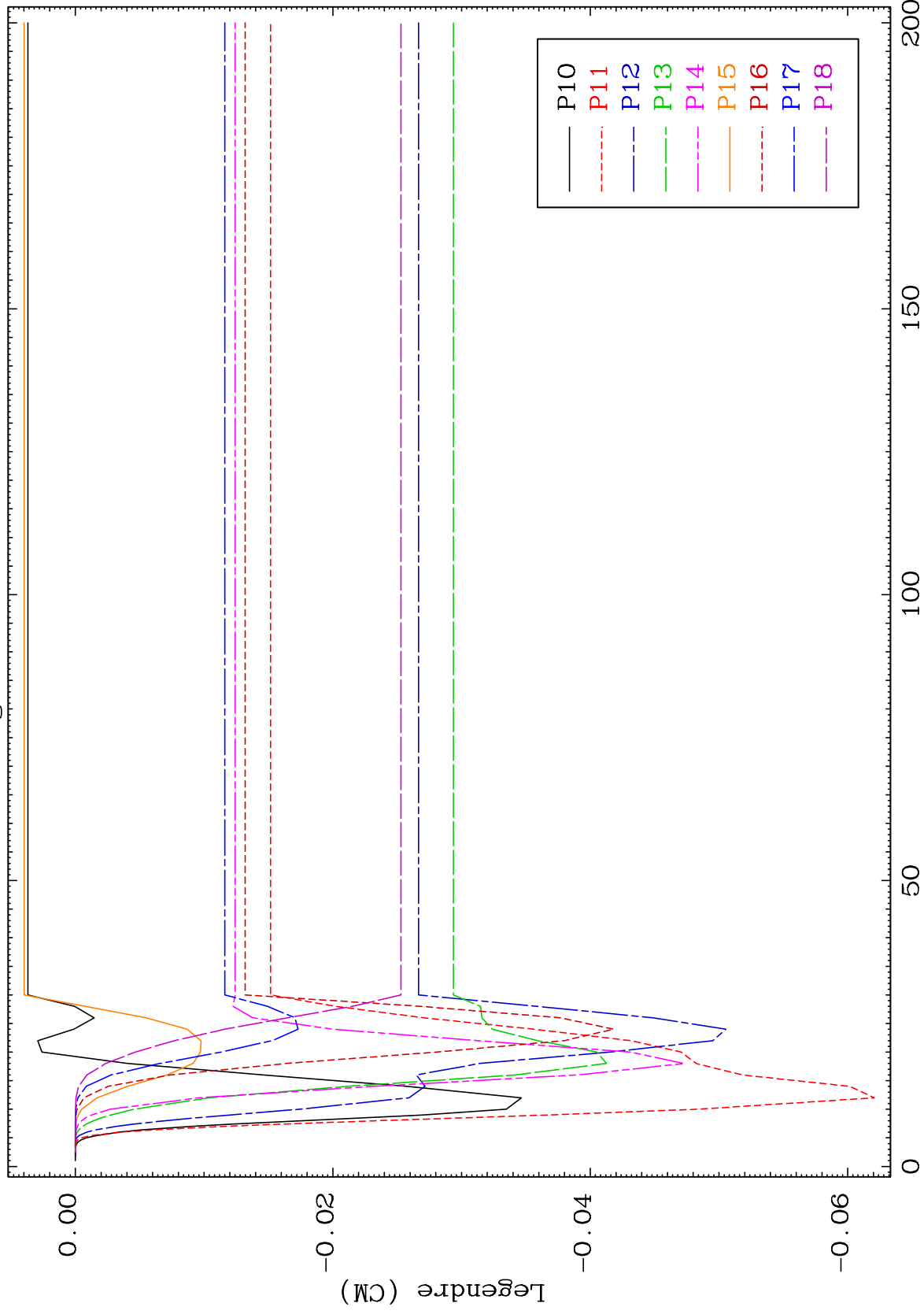
Incident Energy (MeV)

27

MAT 5992

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

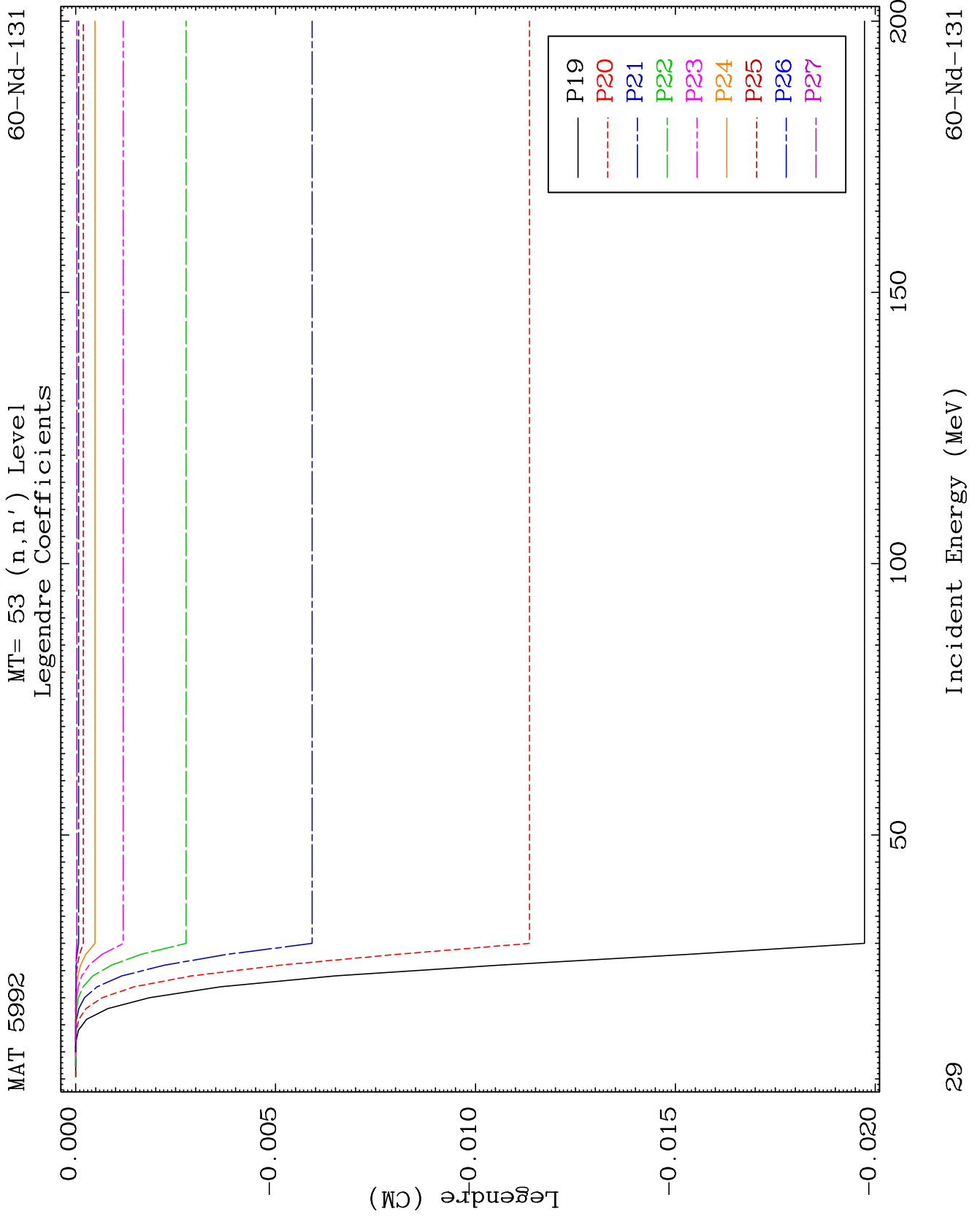
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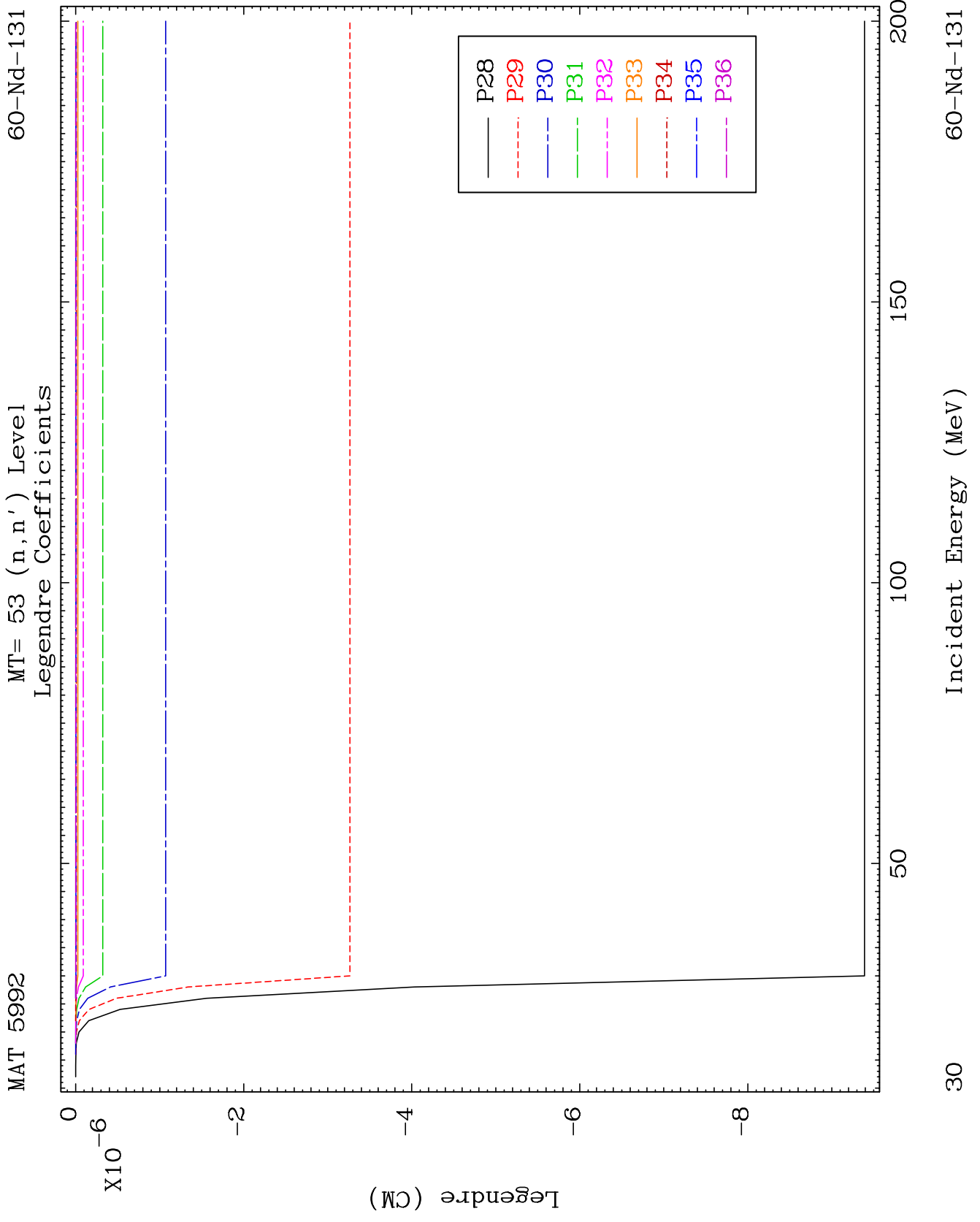


28

Incident Energy (MeV)

60-Nd-131

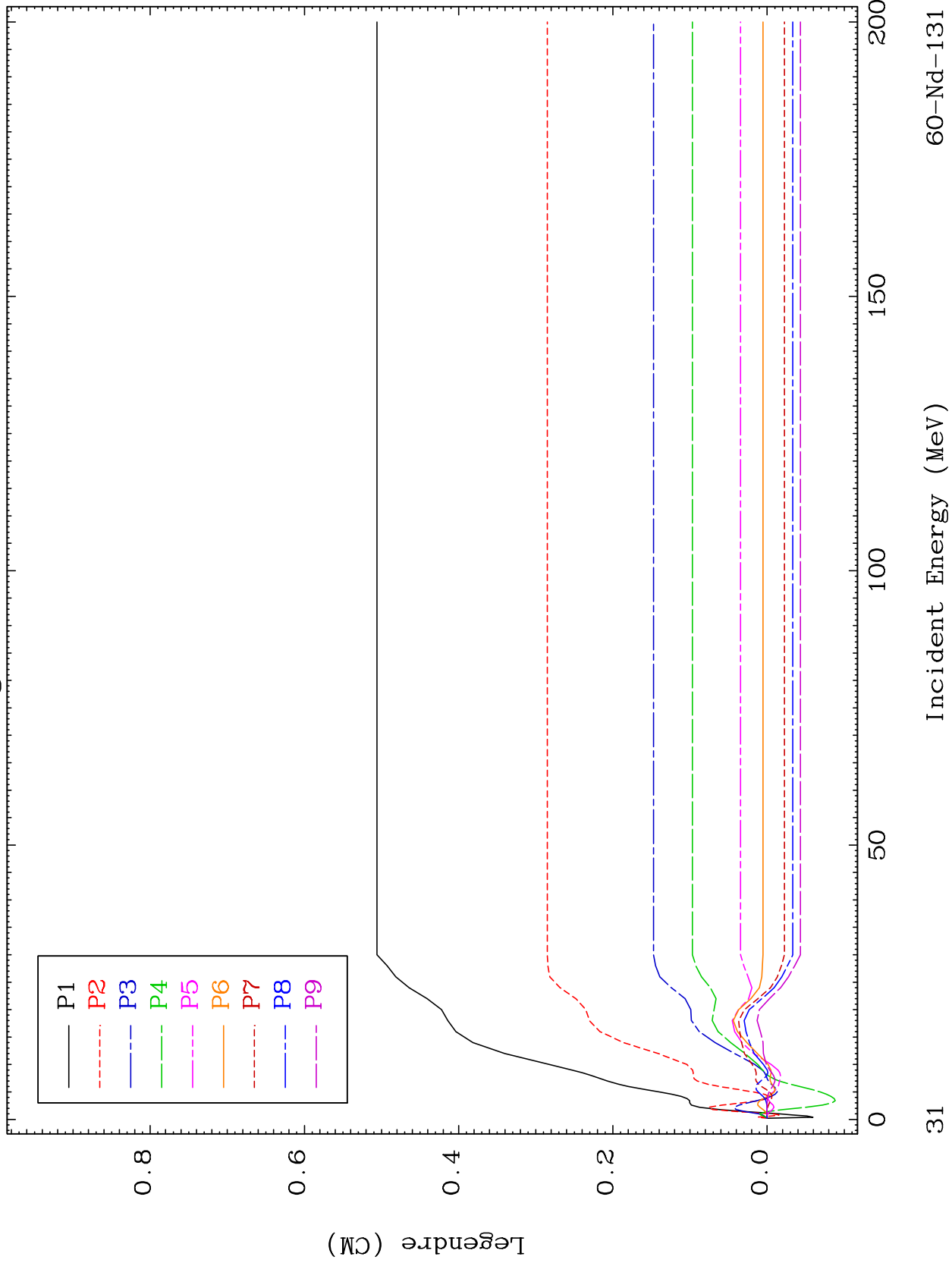




MAT 5992

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

60-Nd-131



31

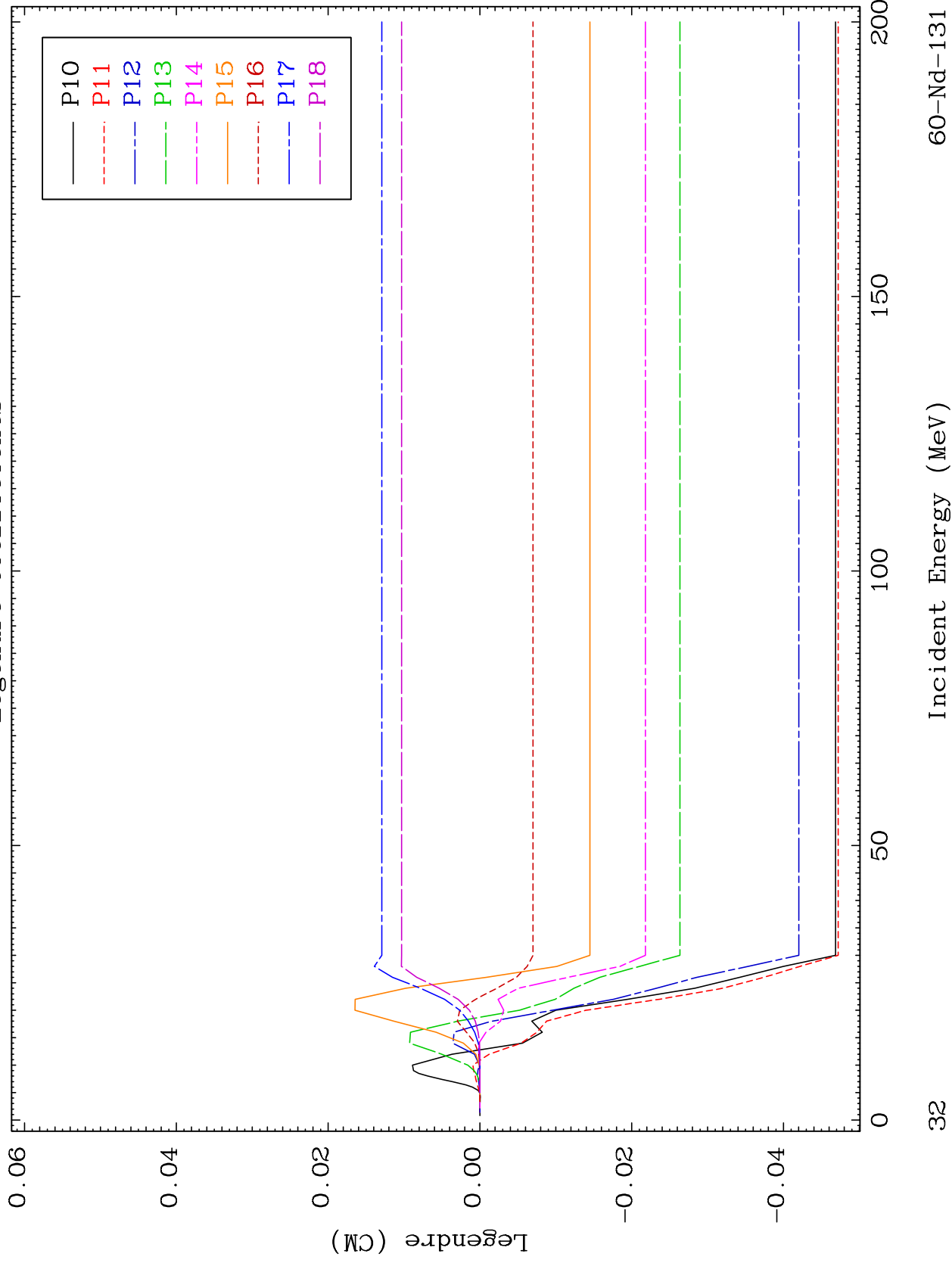
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MAT 5992

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

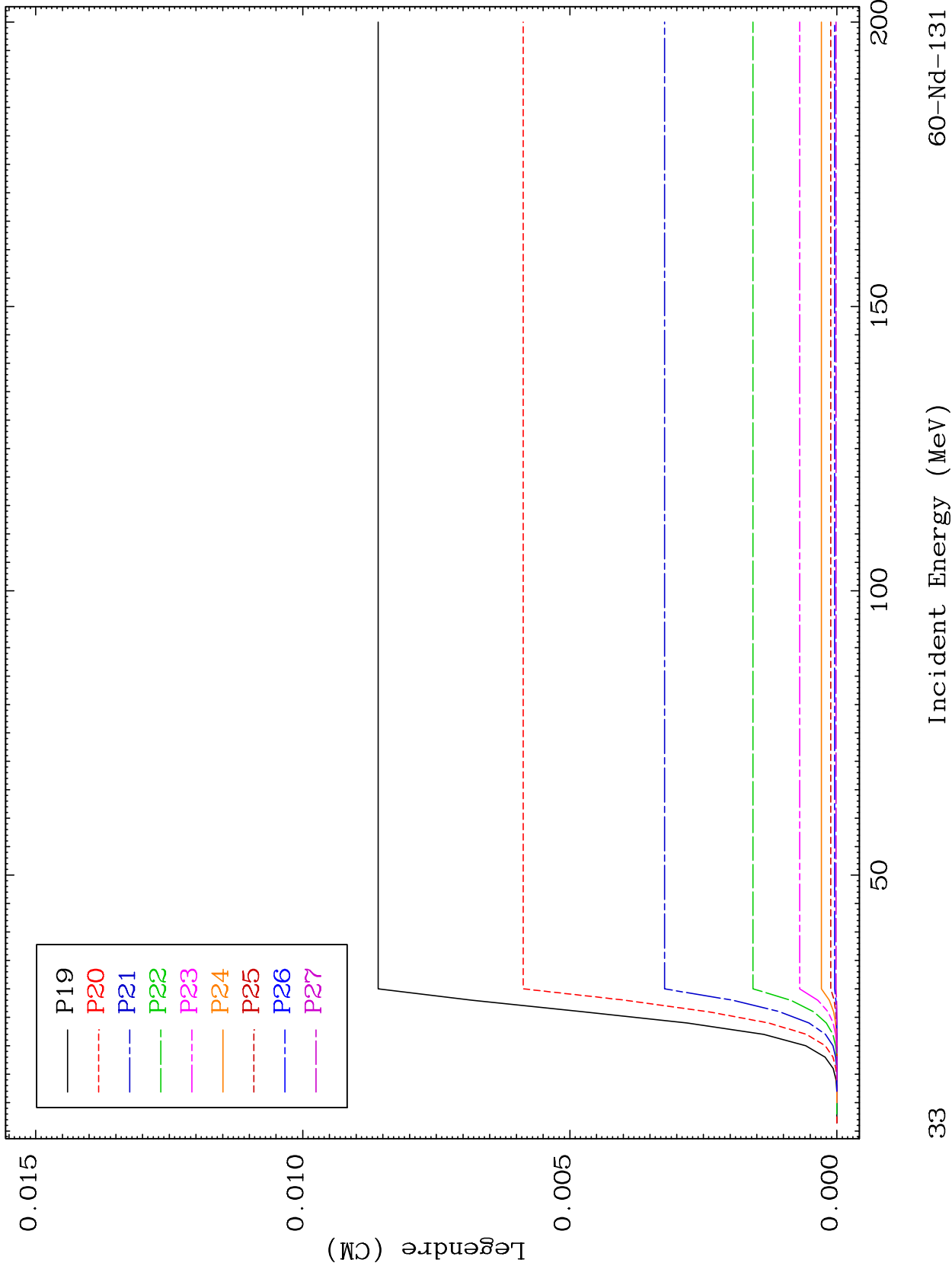
60-Nd-131



60-Nd-131

Incident Energy (MeV)

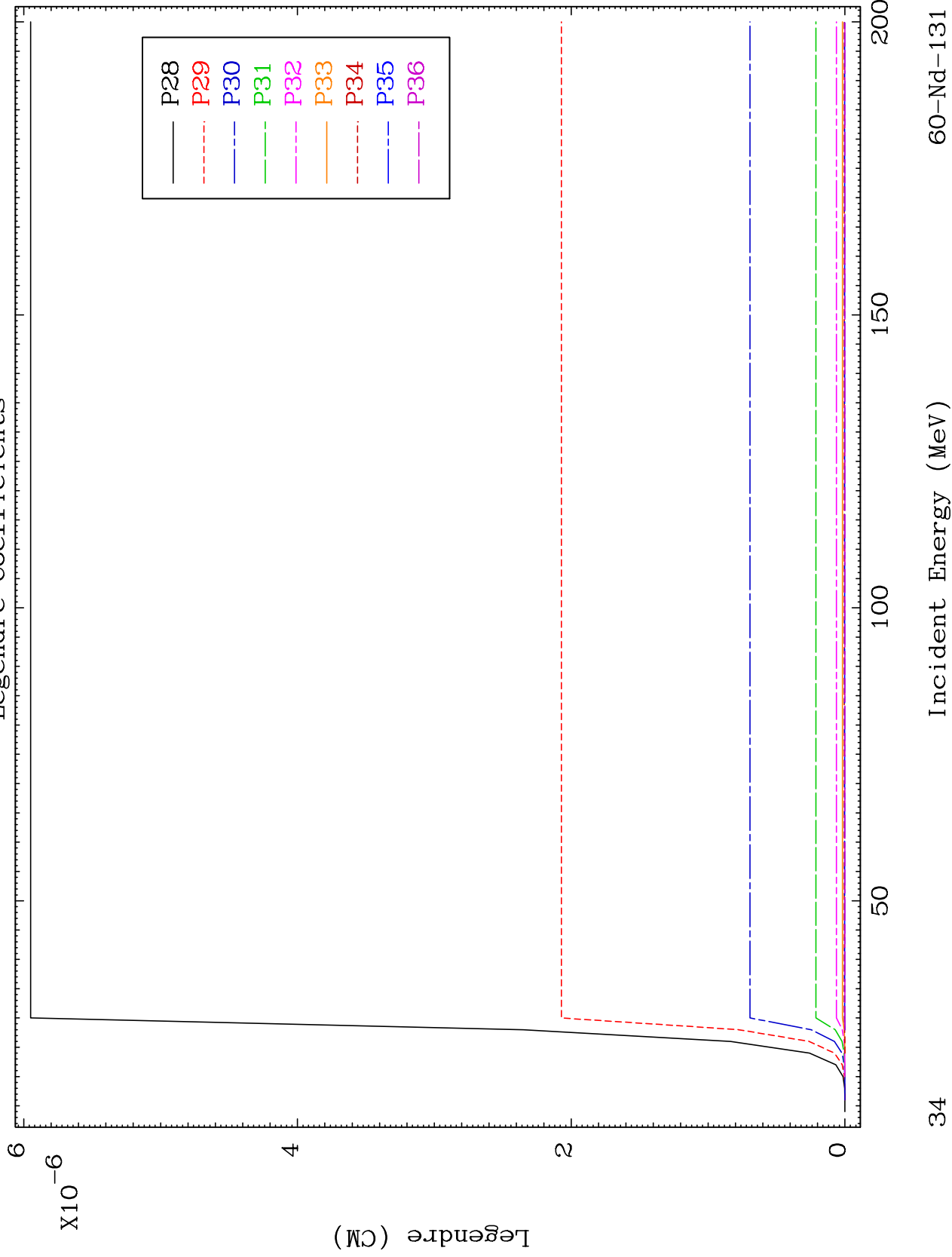
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MAT 5992

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

60-Nd-131



34

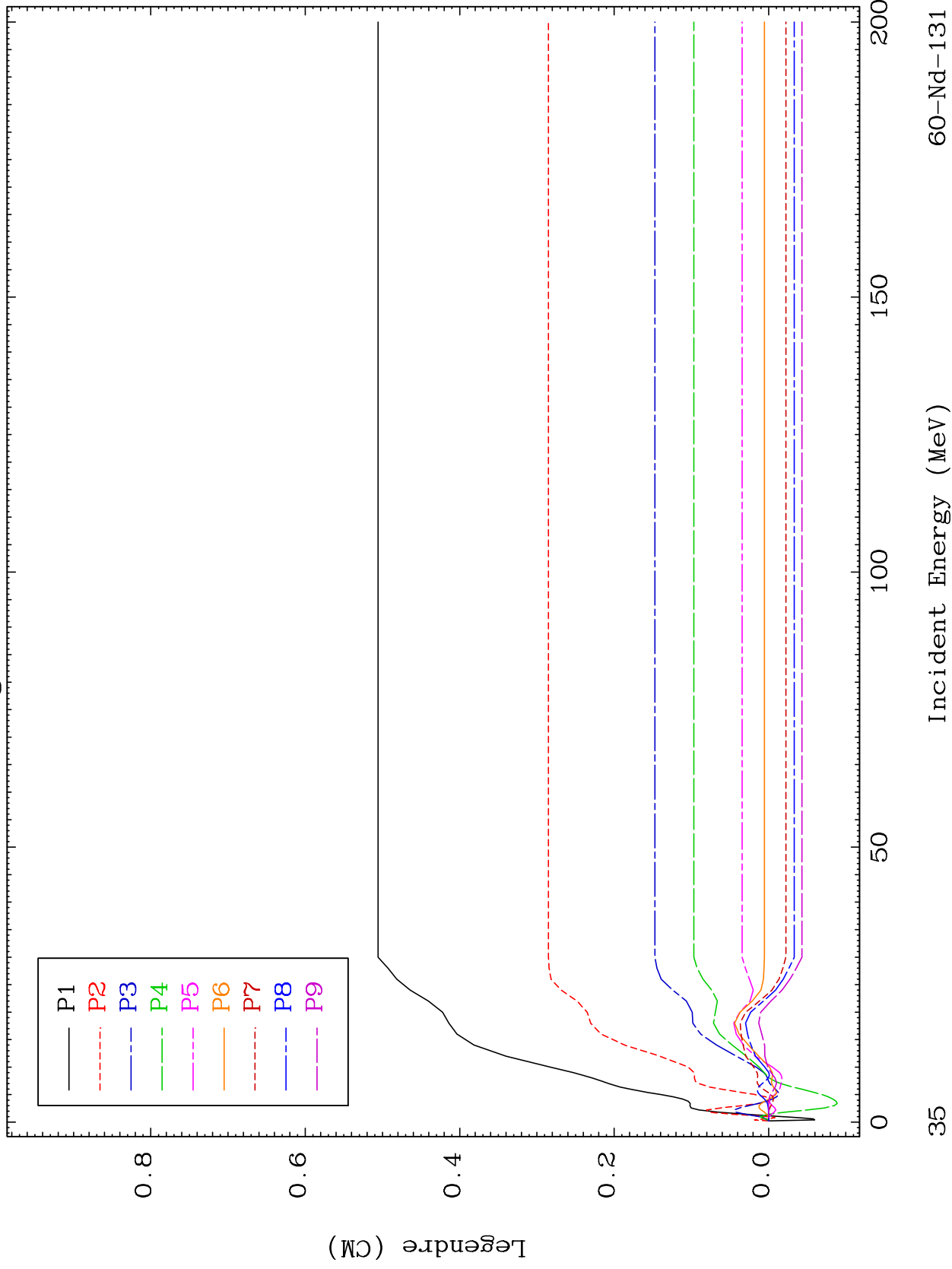
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

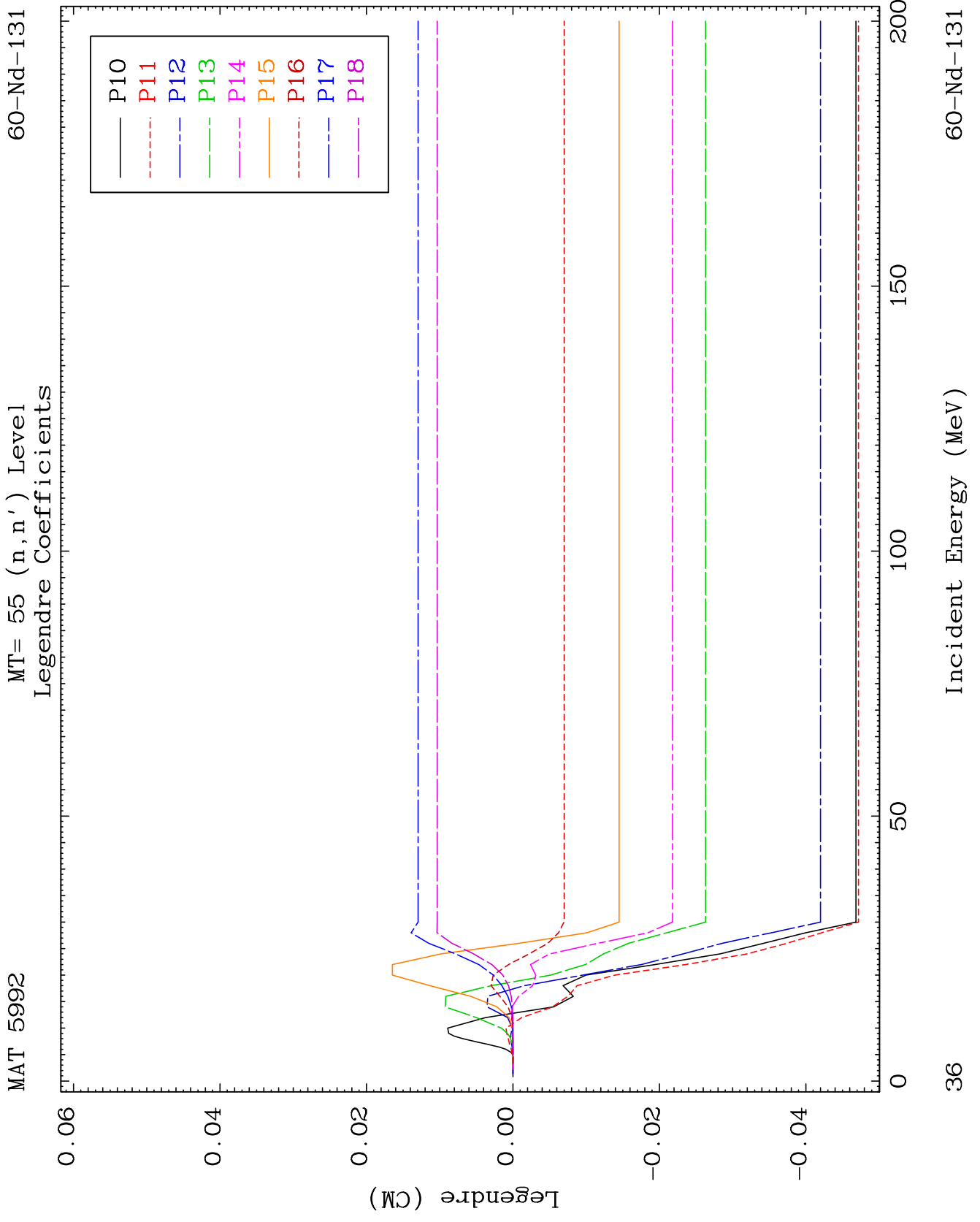
60-Nd-131



60-Nd-131

Incident Energy (MeV)

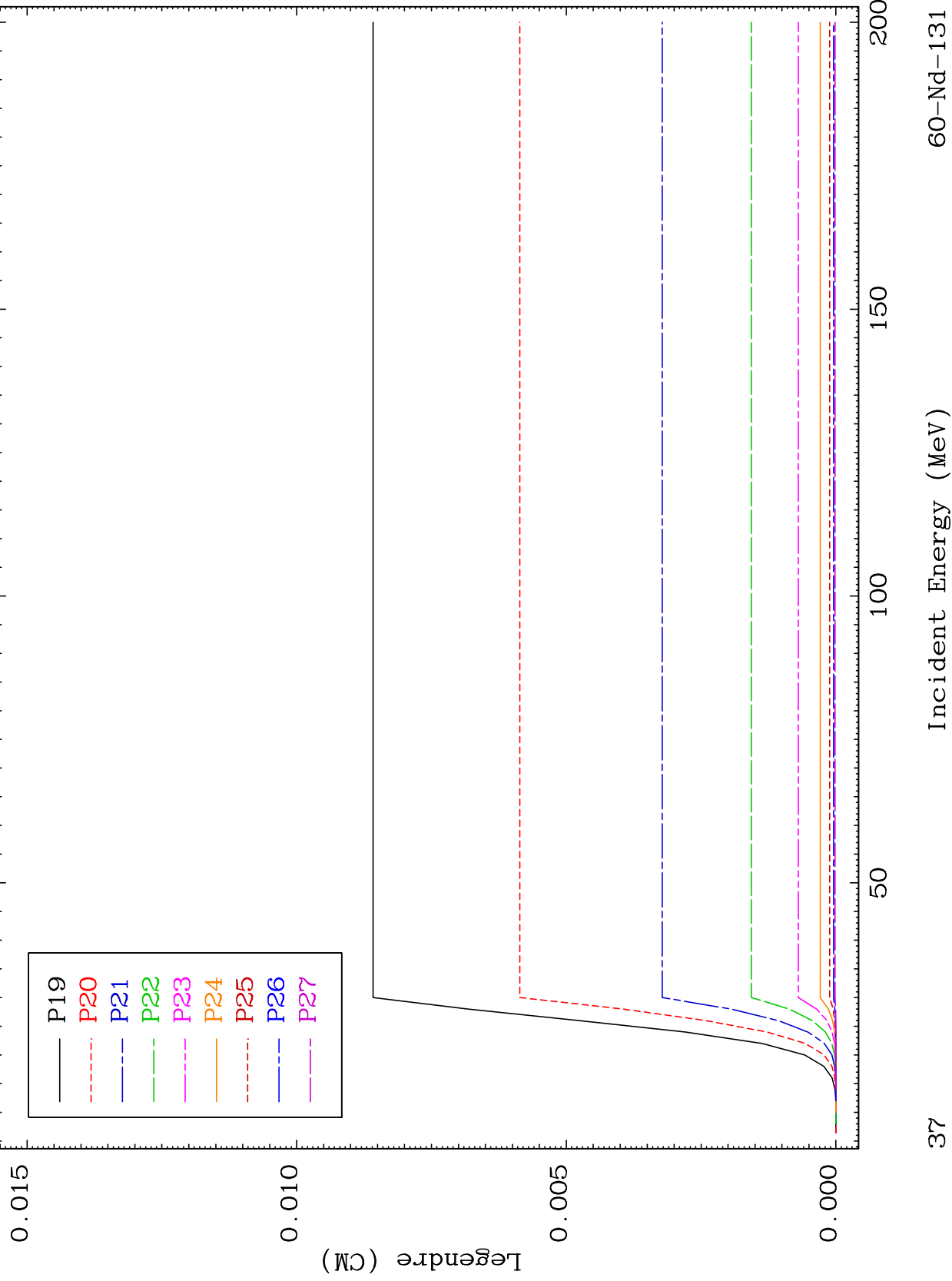
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MAT 5992

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

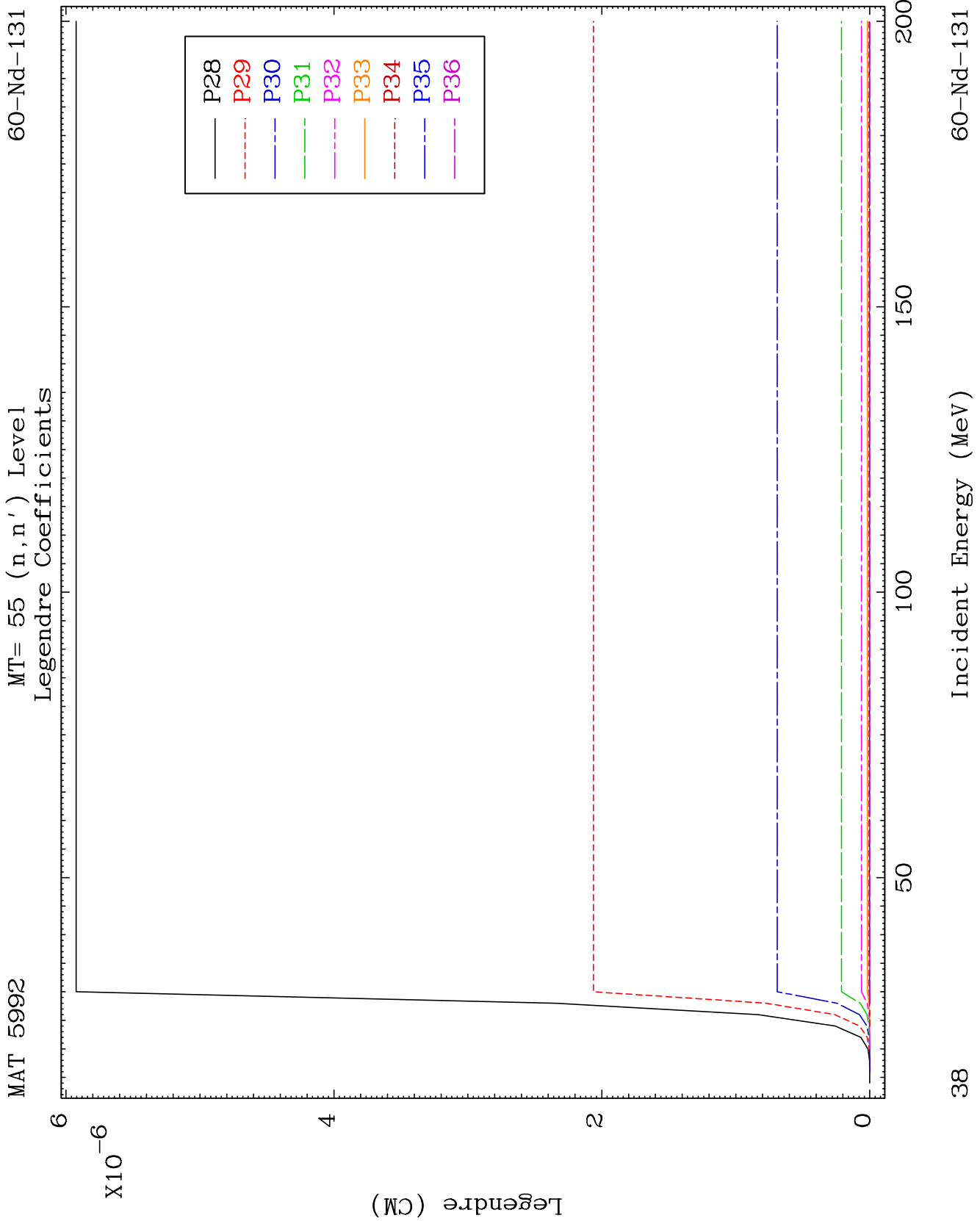
60-Nd-131



37

Incident Energy (MeV)

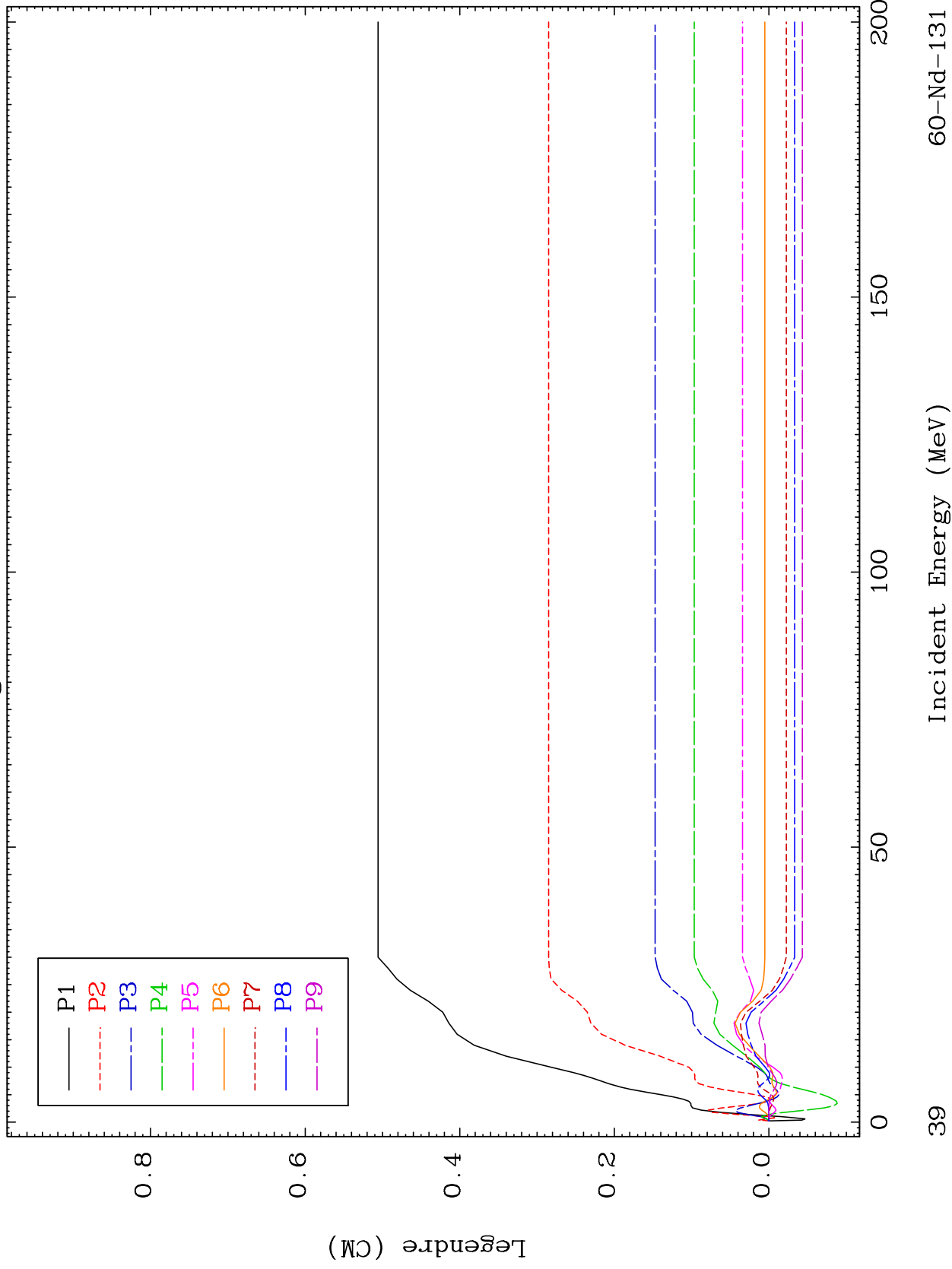
60-Nd-131



MAT 5992

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

60-Nd-131

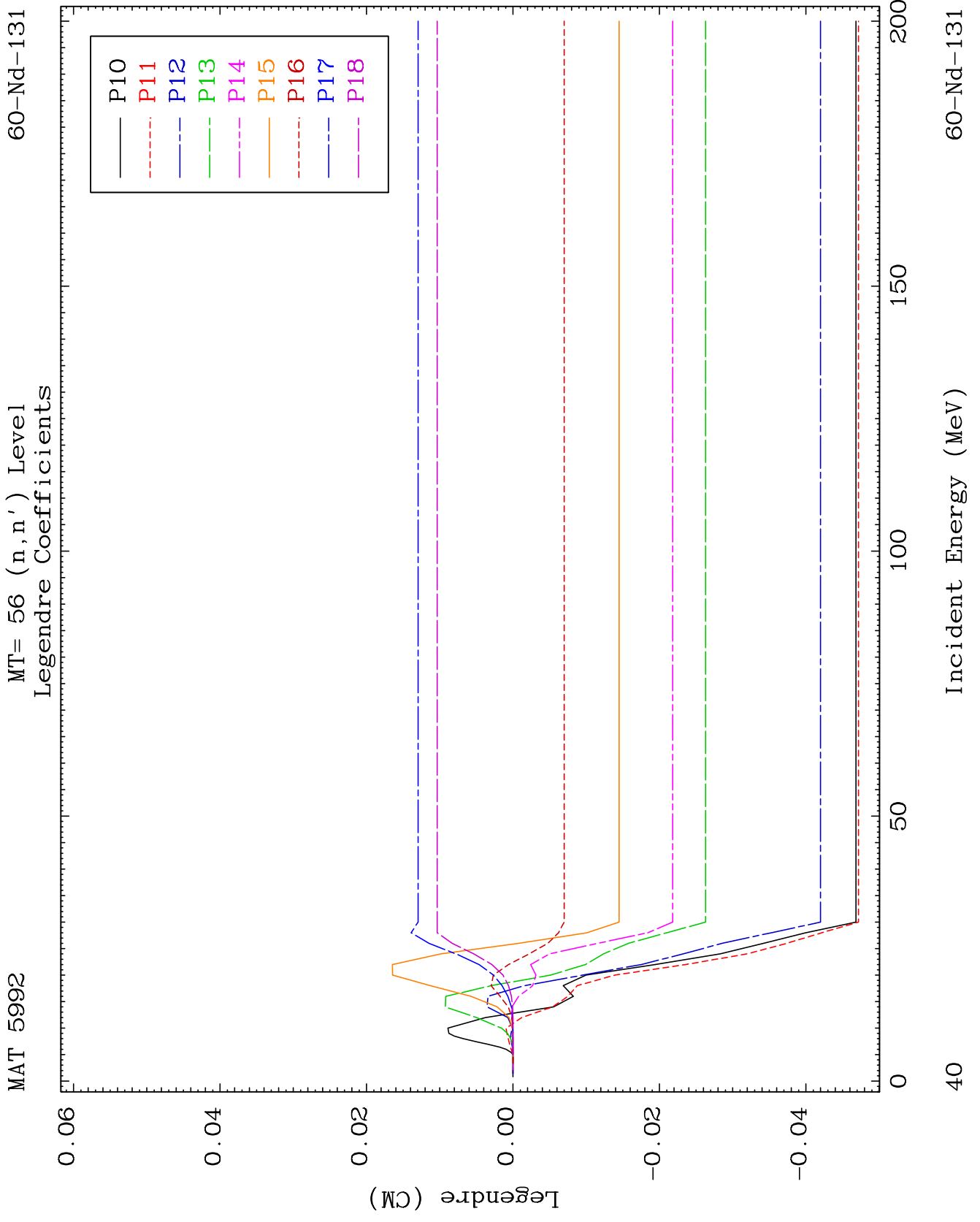


60-Nd-131

Incident Energy (MeV)

39

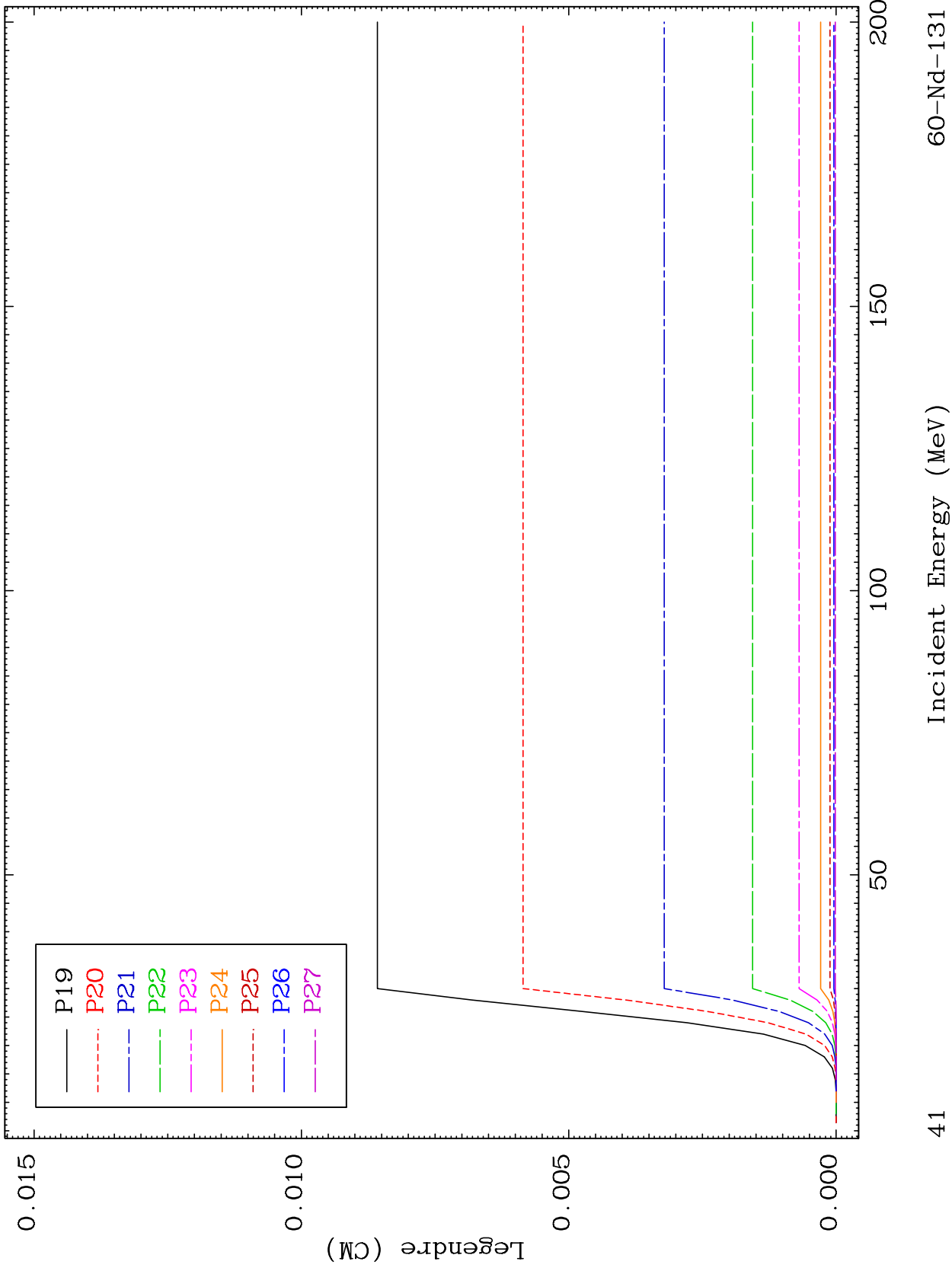




MAT 5992

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

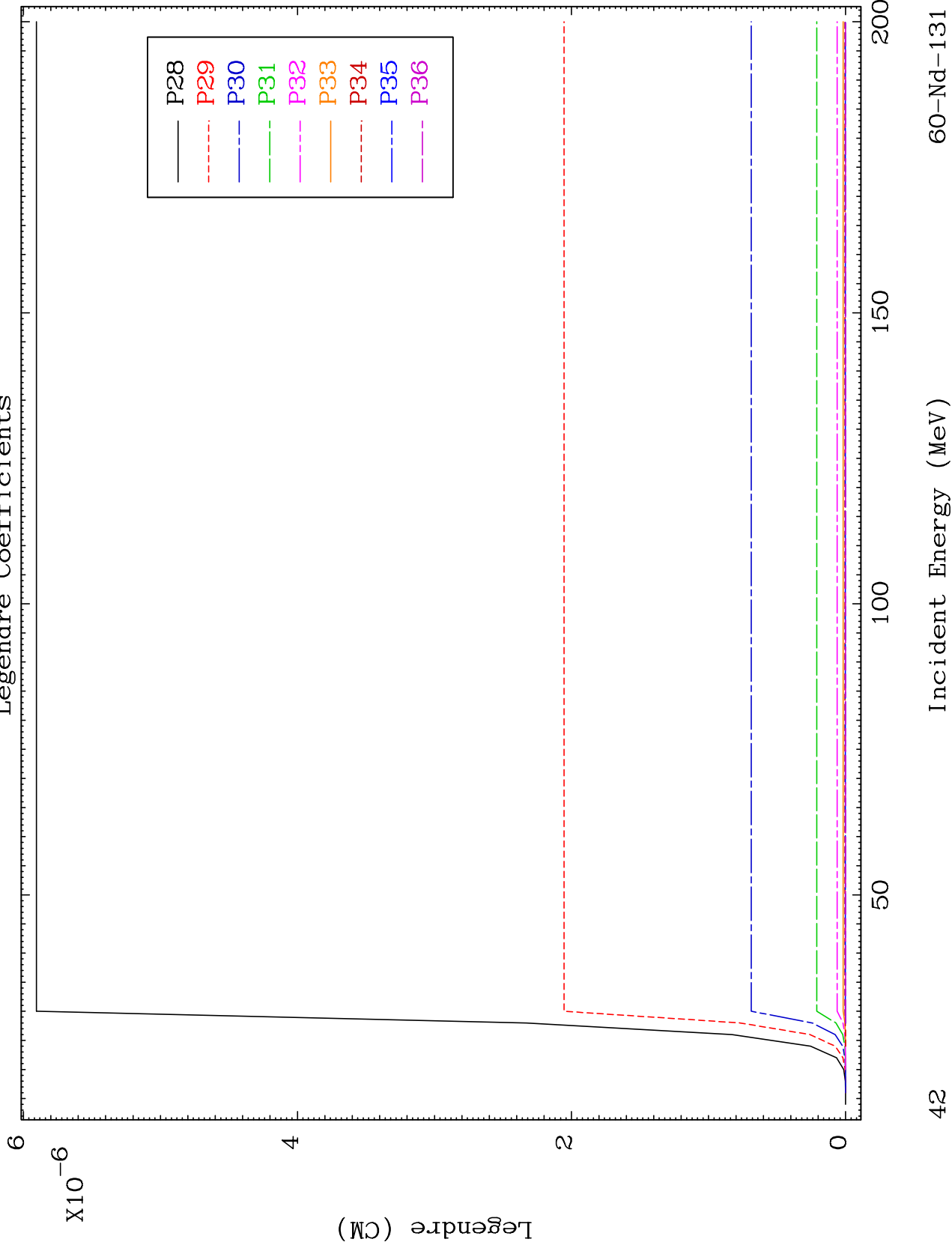
60-Nd-131



MAT 5992

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

60-Nd-131



42

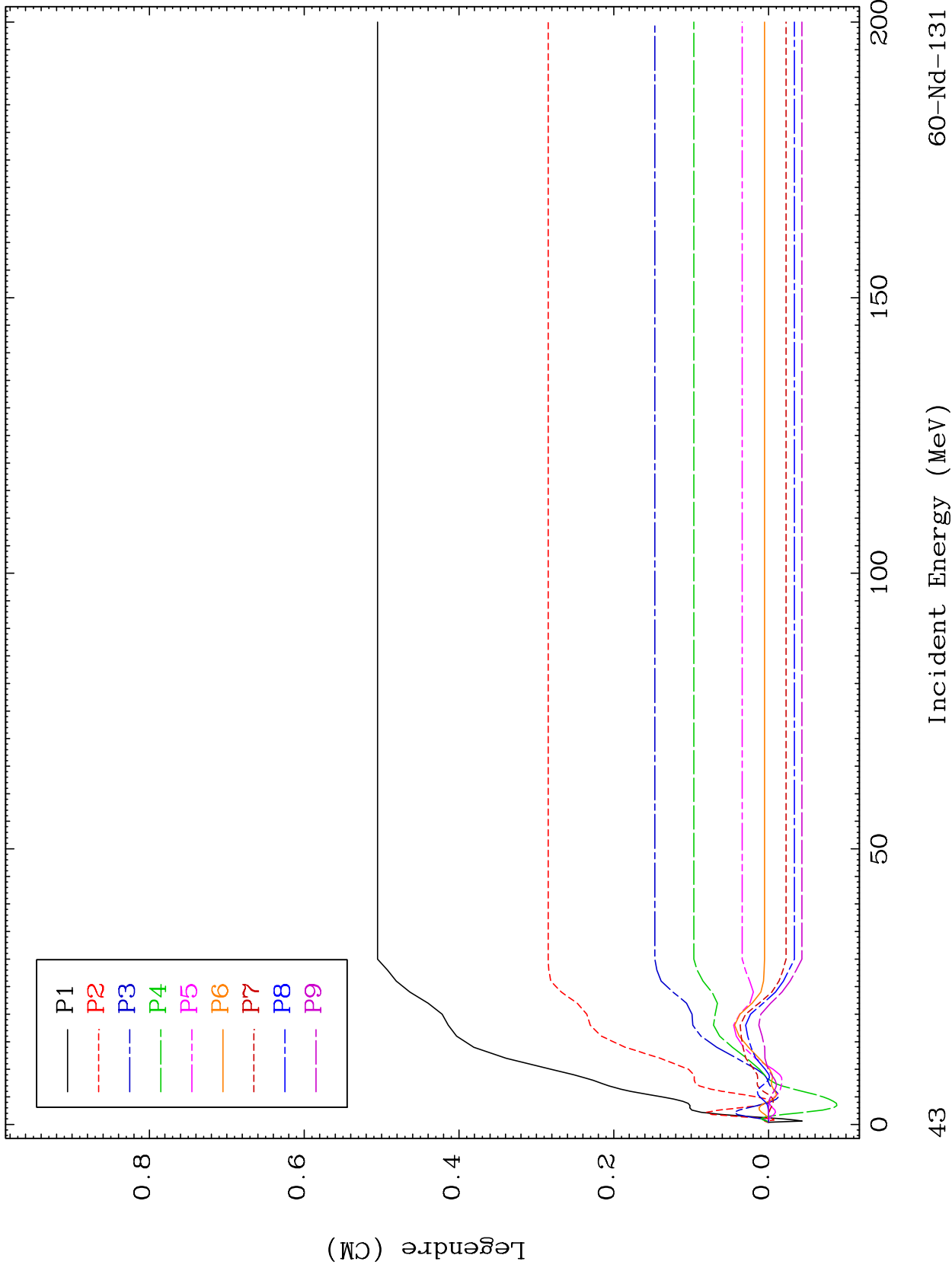
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



60-Nd-131

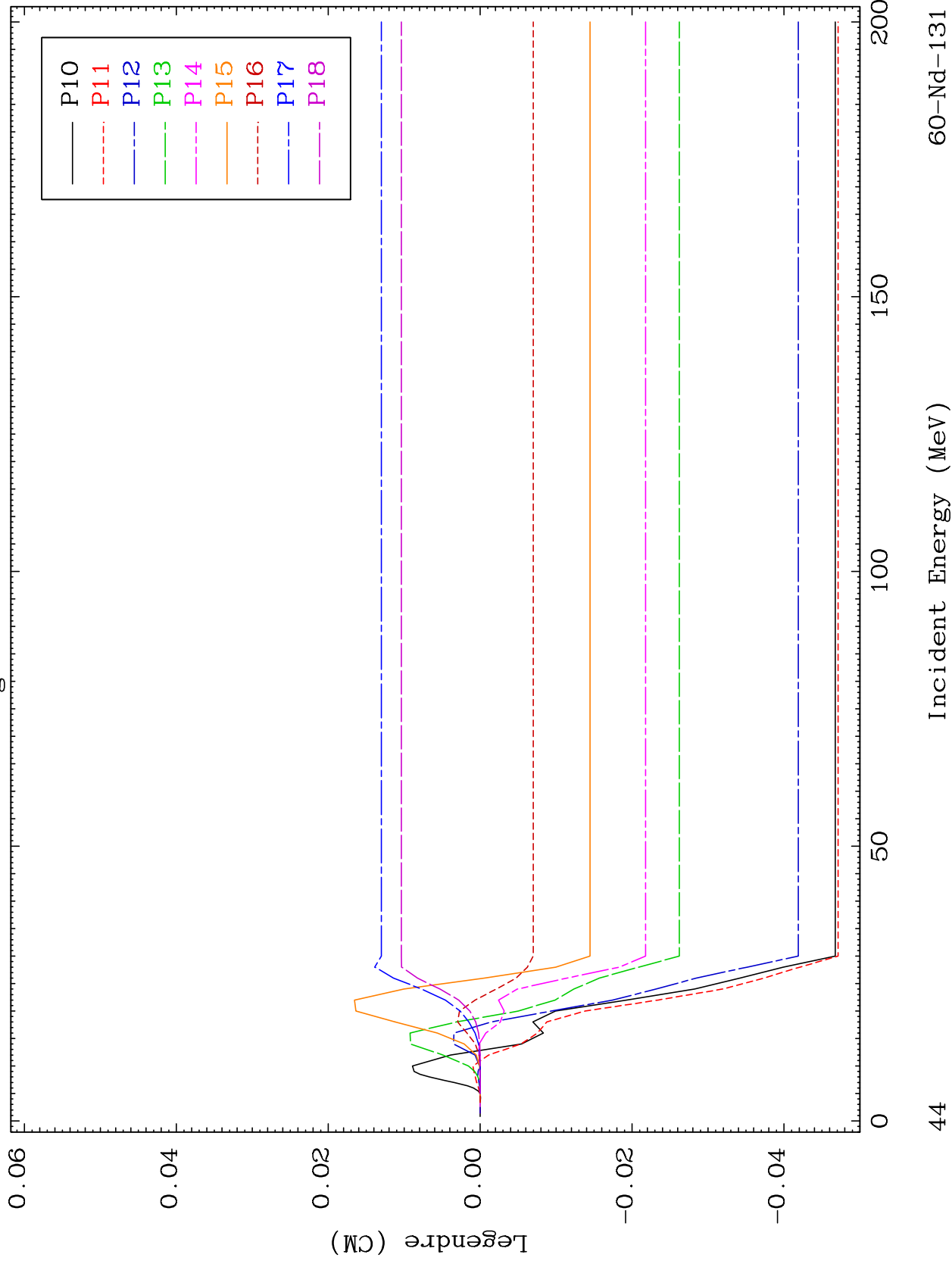
Incident Energy (MeV)

43

MAT 5992

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

60-Nd-131



44

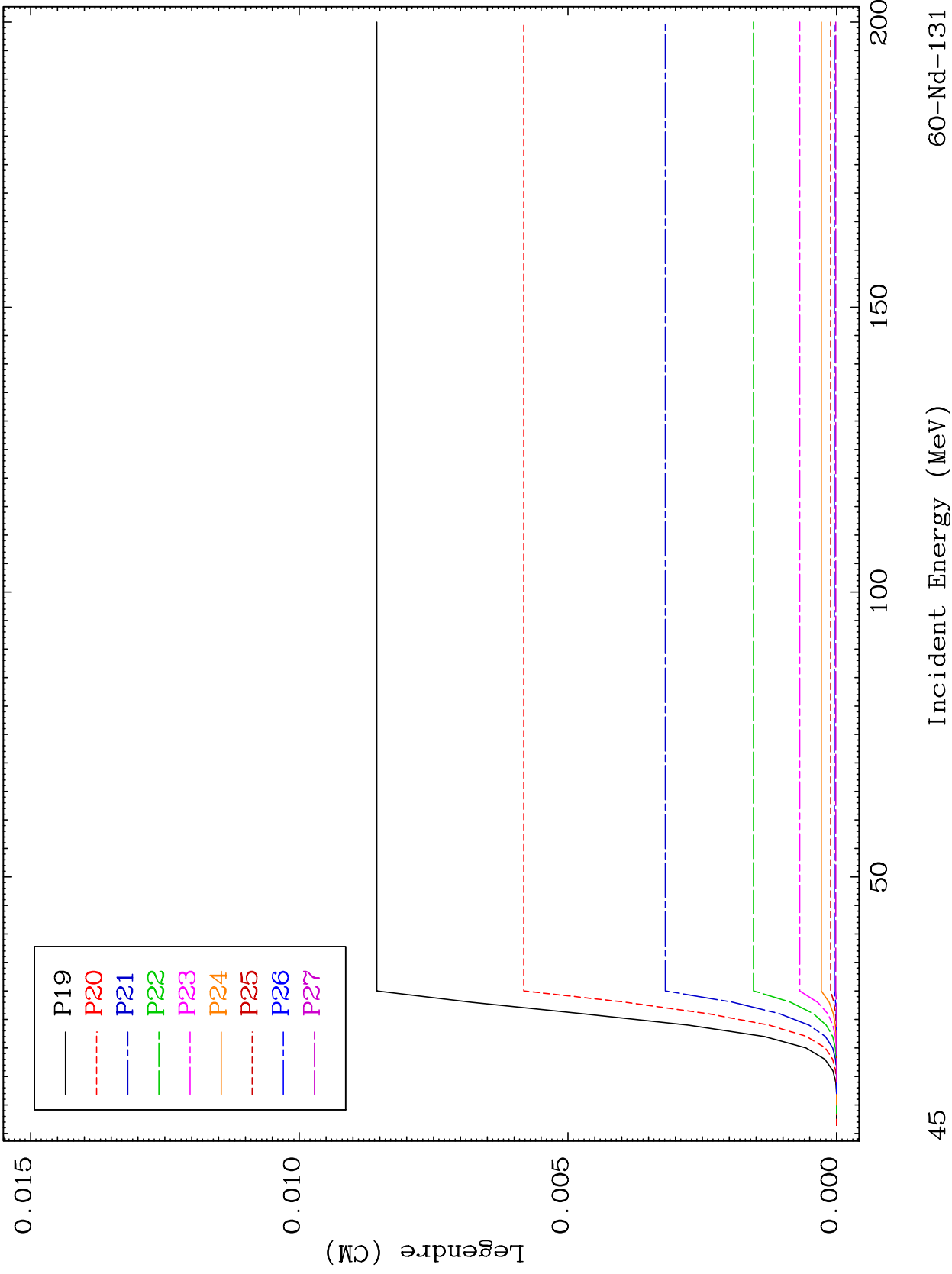
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



60-Nd-131

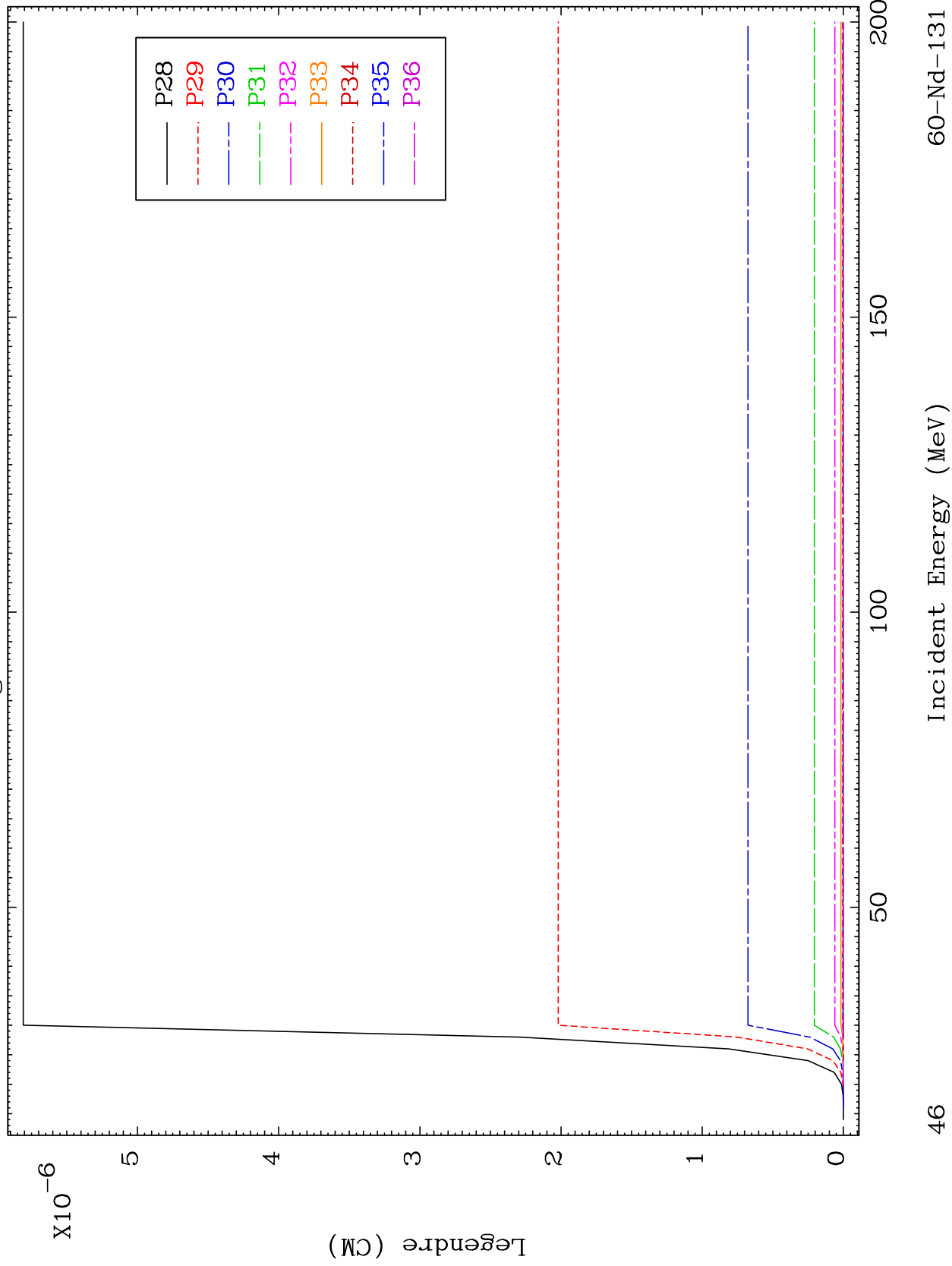
Incident Energy (MeV)

45

MAT 5992

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

60-Nd-131



46

Incident Energy (MeV)

60-Nd-131

200

150

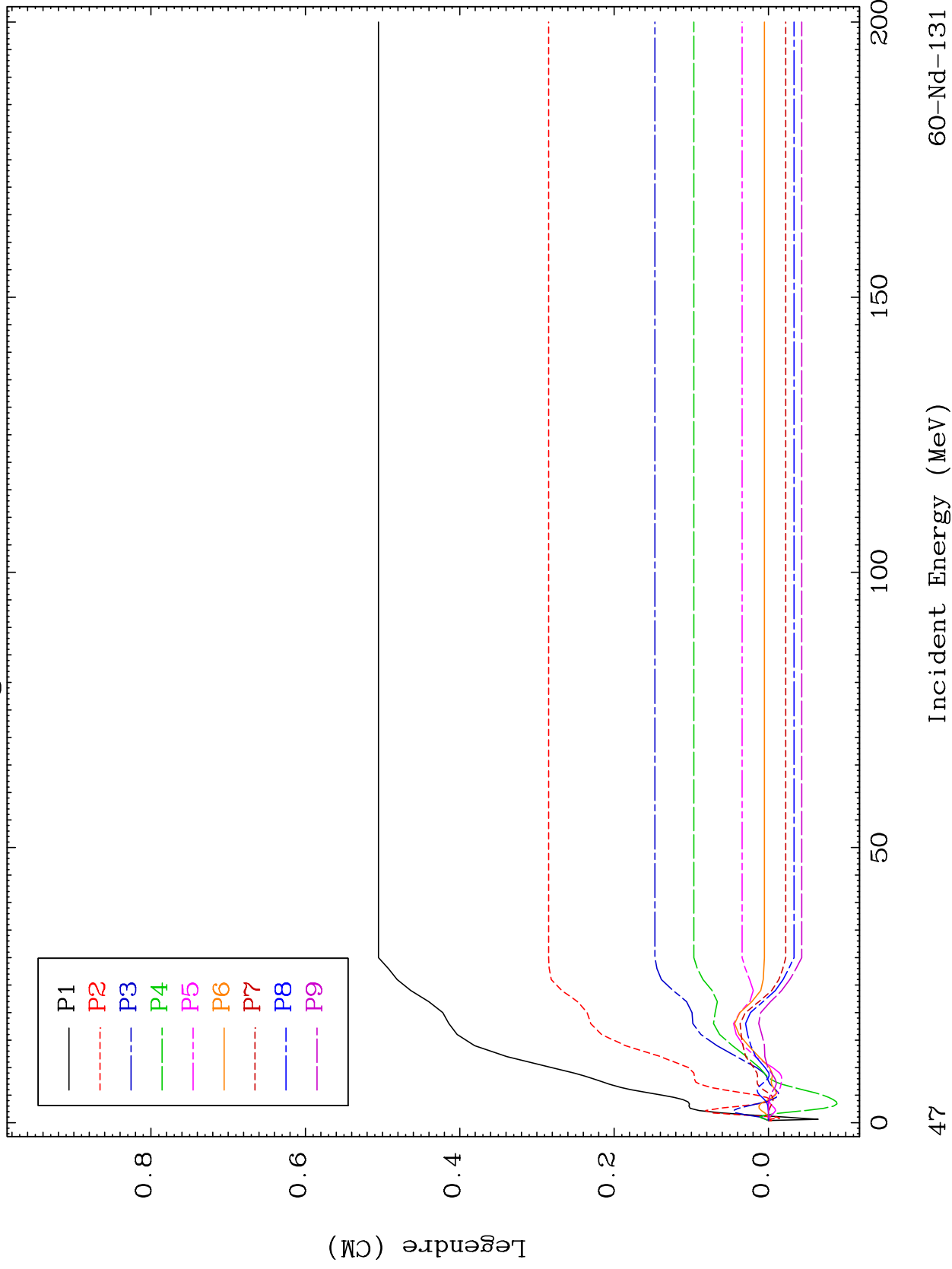
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50

MAT 5992

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

60-Nd-131

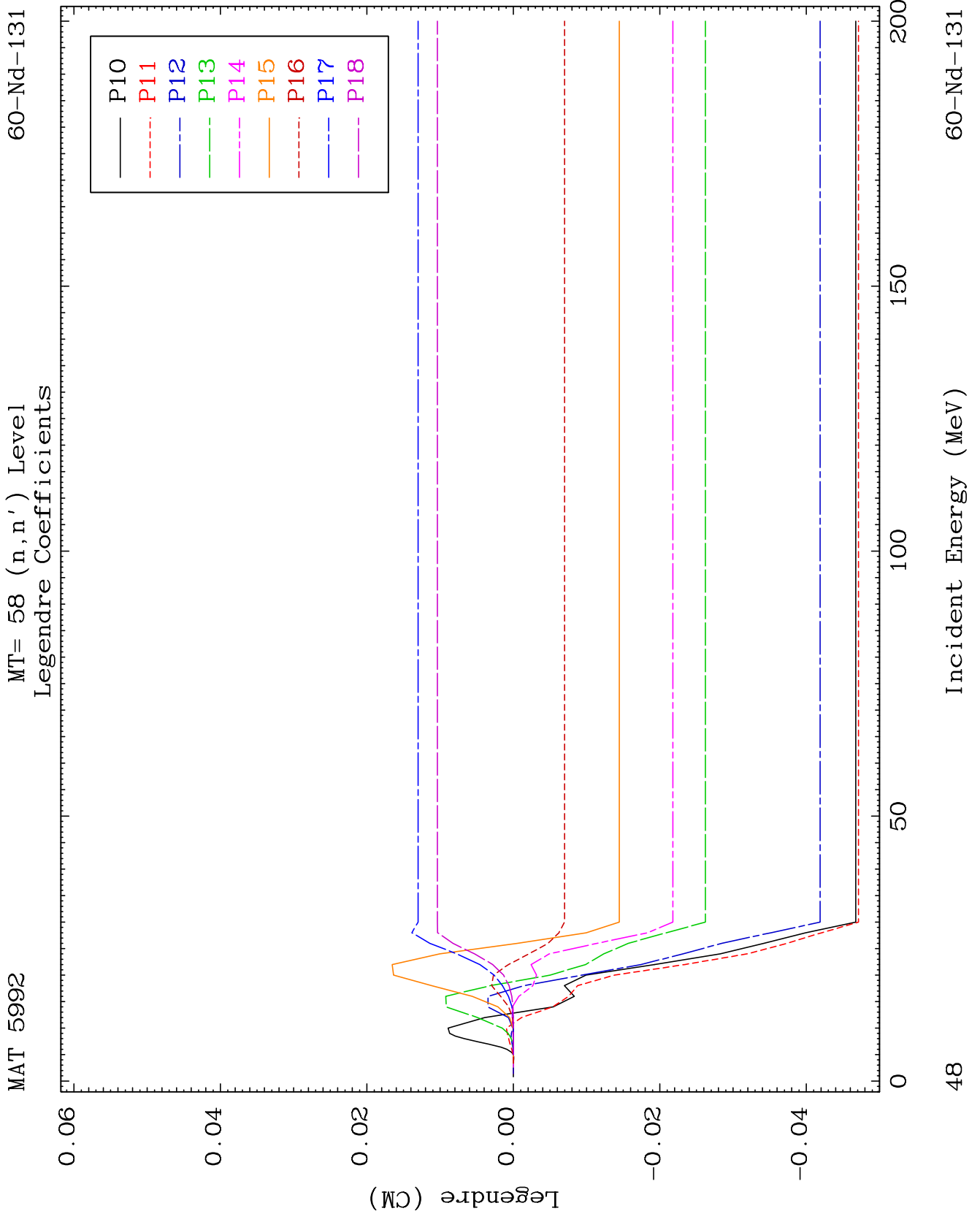


60-Nd-131

Incident Energy (MeV)

47





60-Nd-131

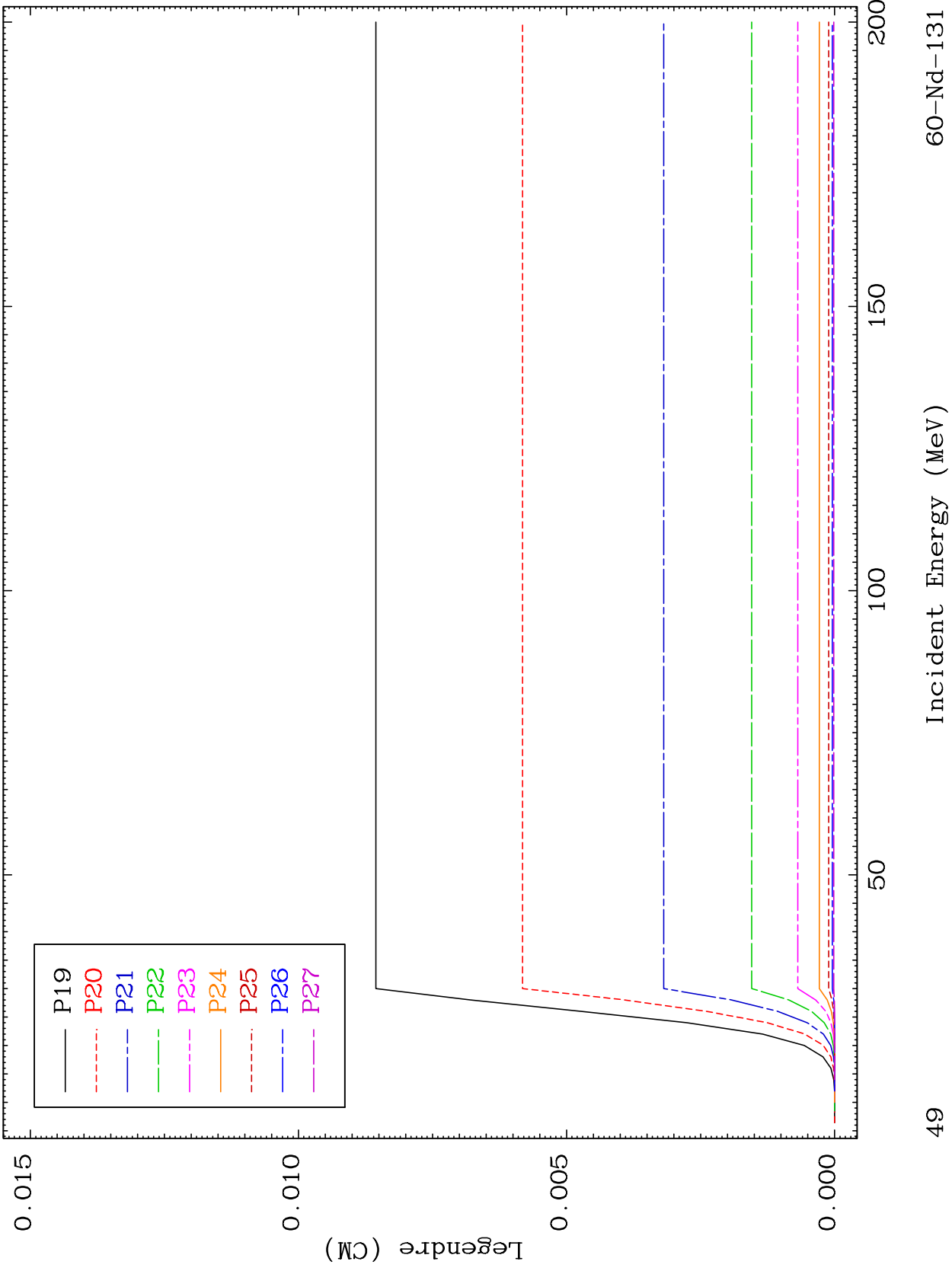
Incident Energy (MeV)

48

MAT 5992

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

60-Nd-131



49

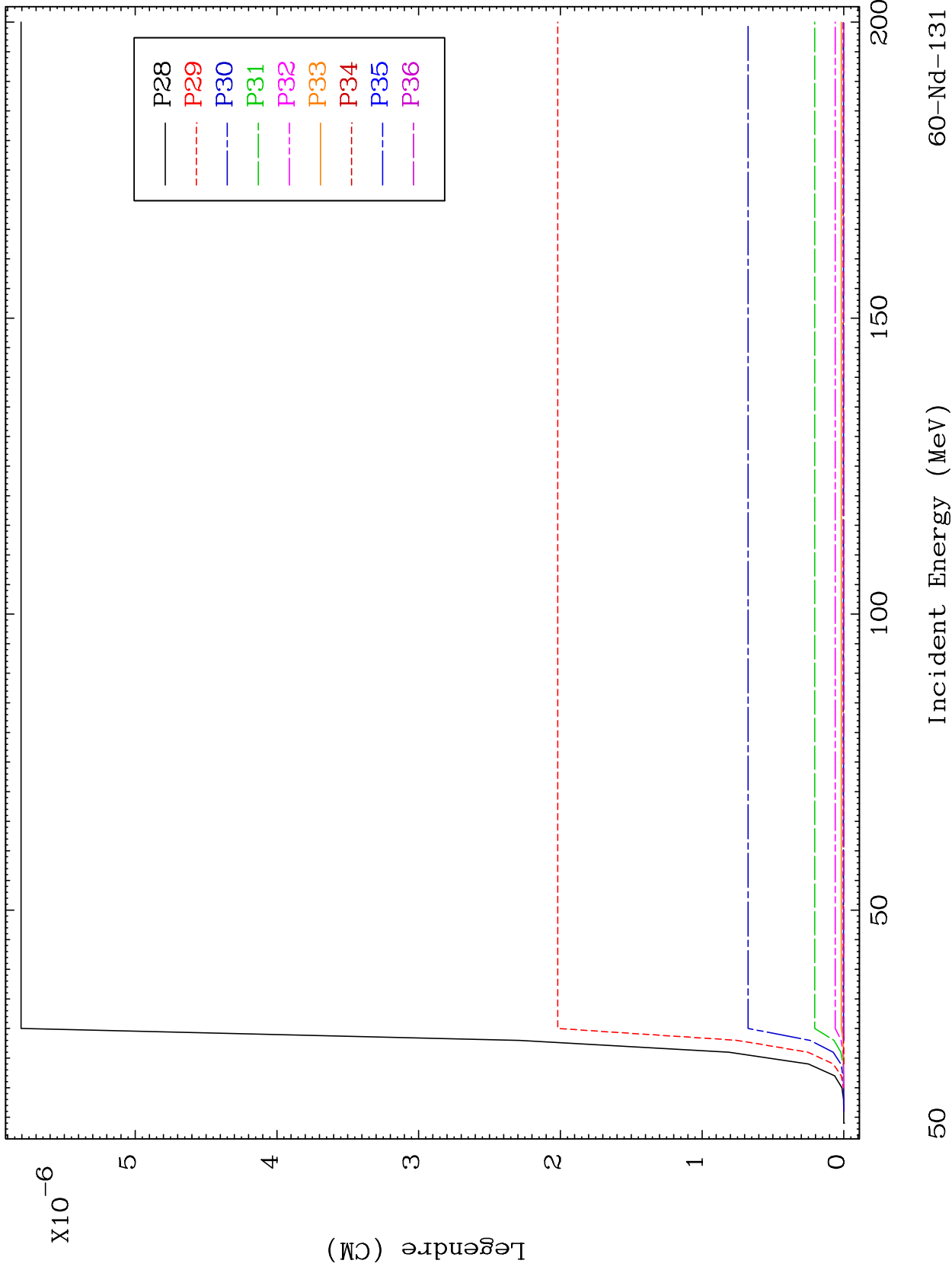
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

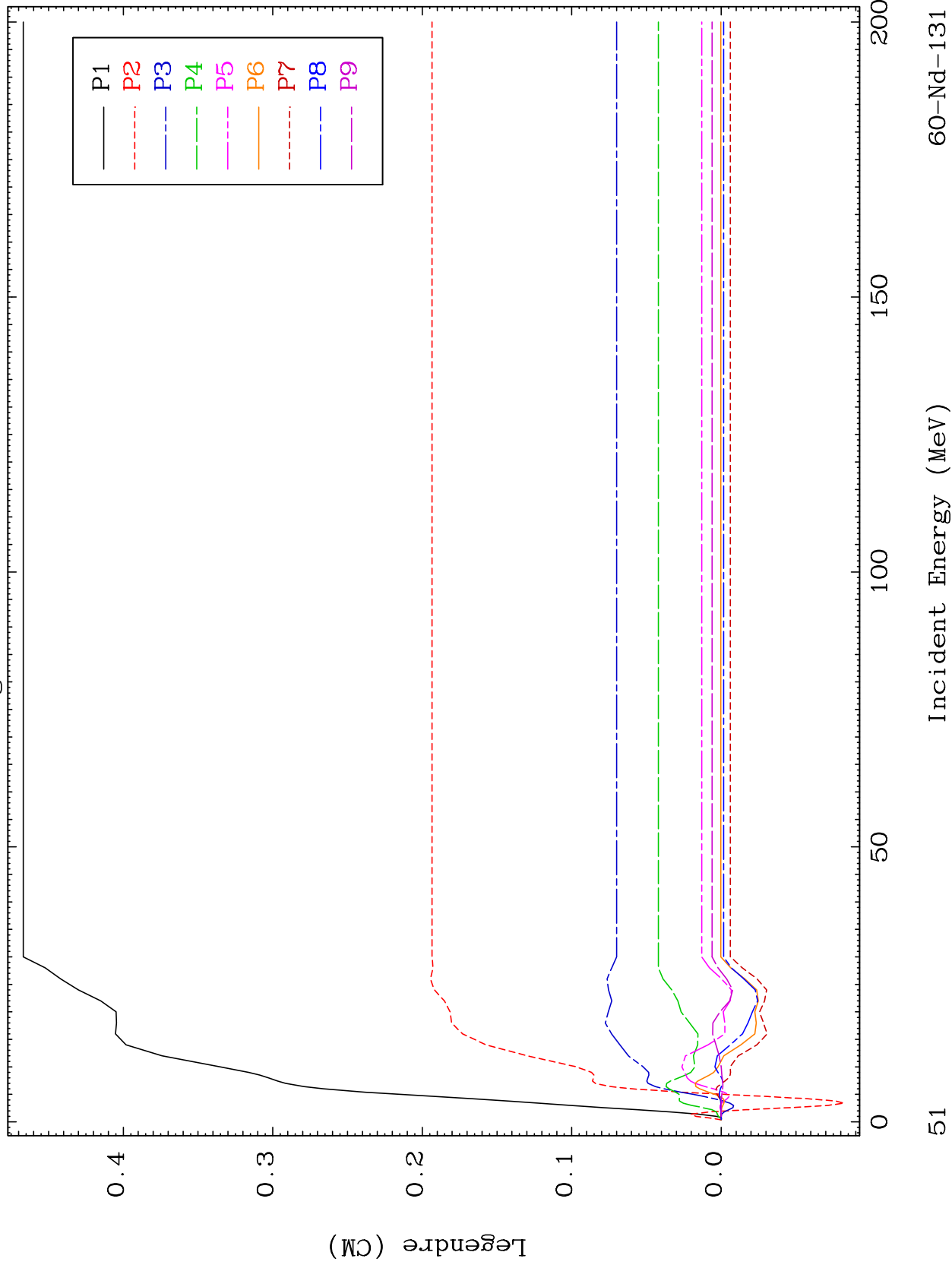
60-Nd-131



MAT 5992

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

60-Nd-131



51

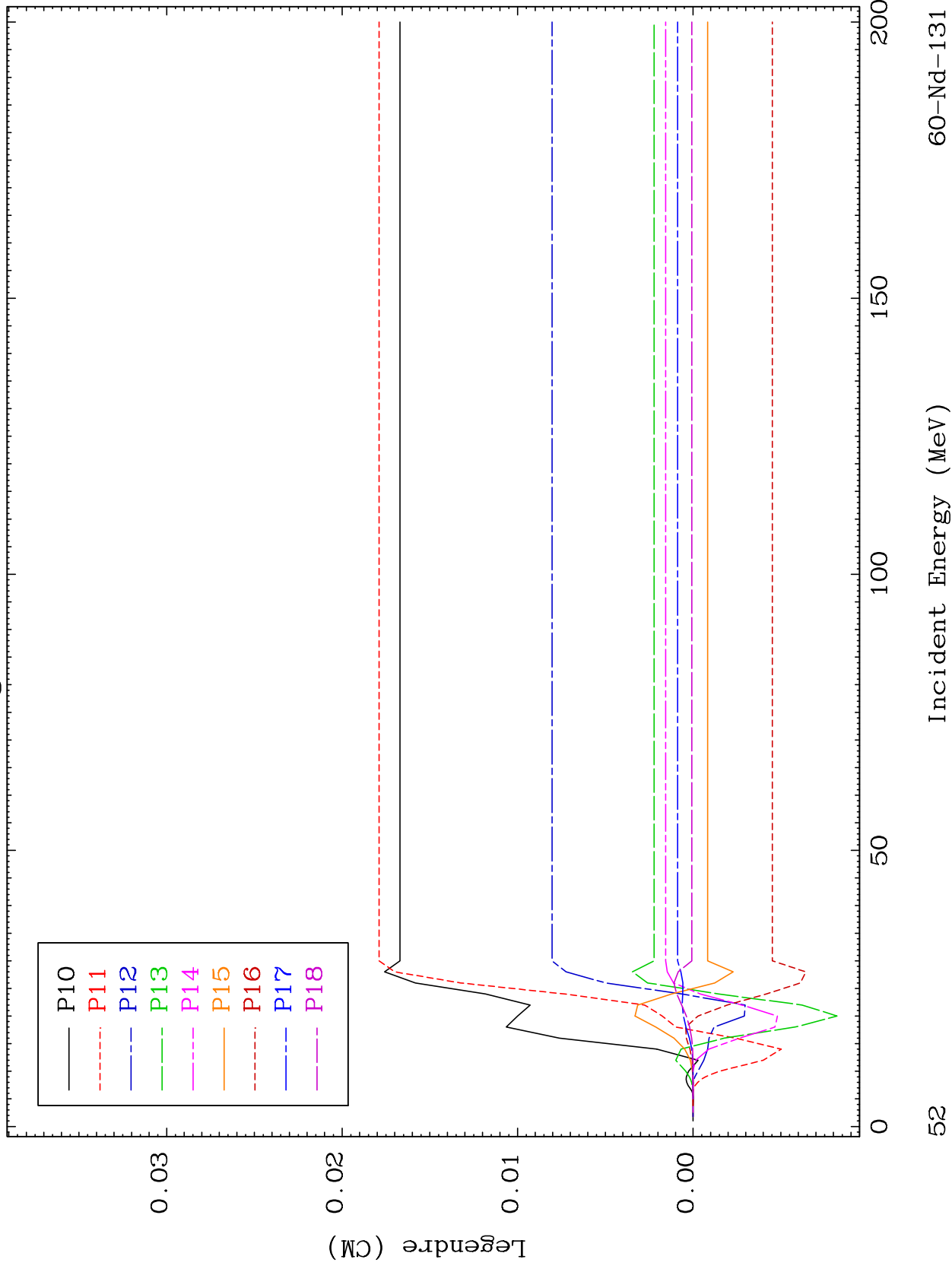
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

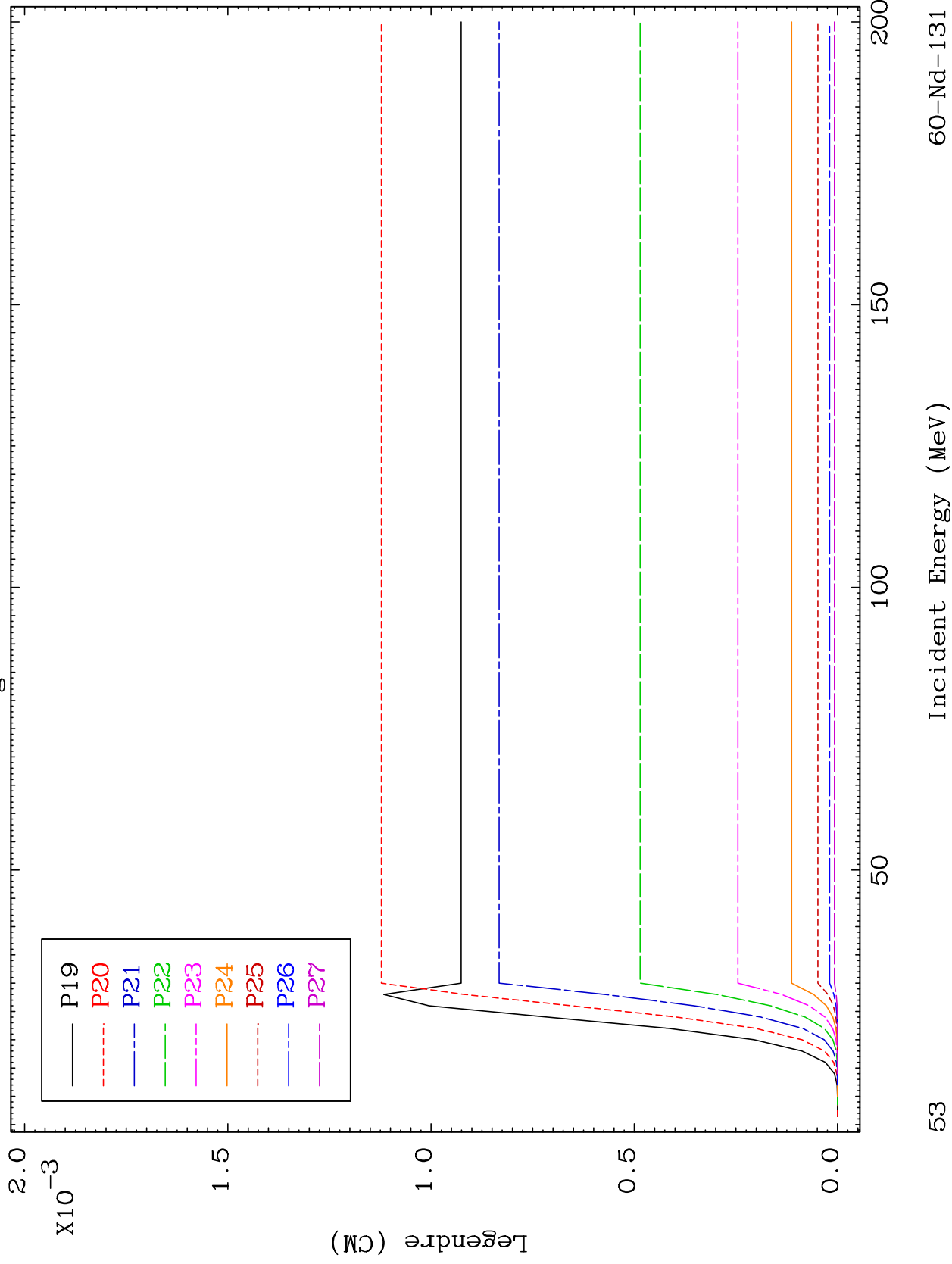
60-Nd-131



52

Incident Energy (MeV)

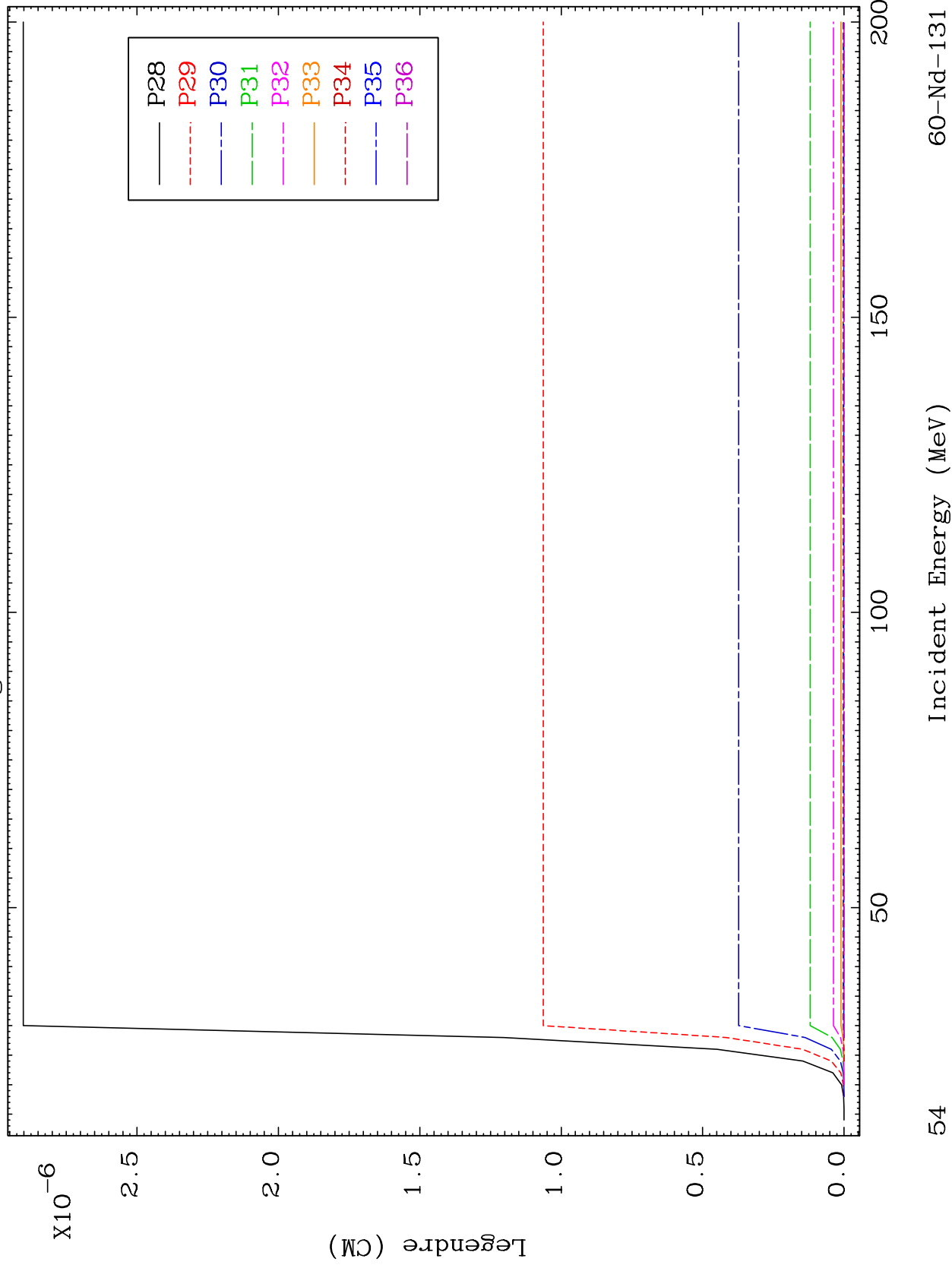
60-Nd-131



MAT 5992

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

60-Nd-131



54

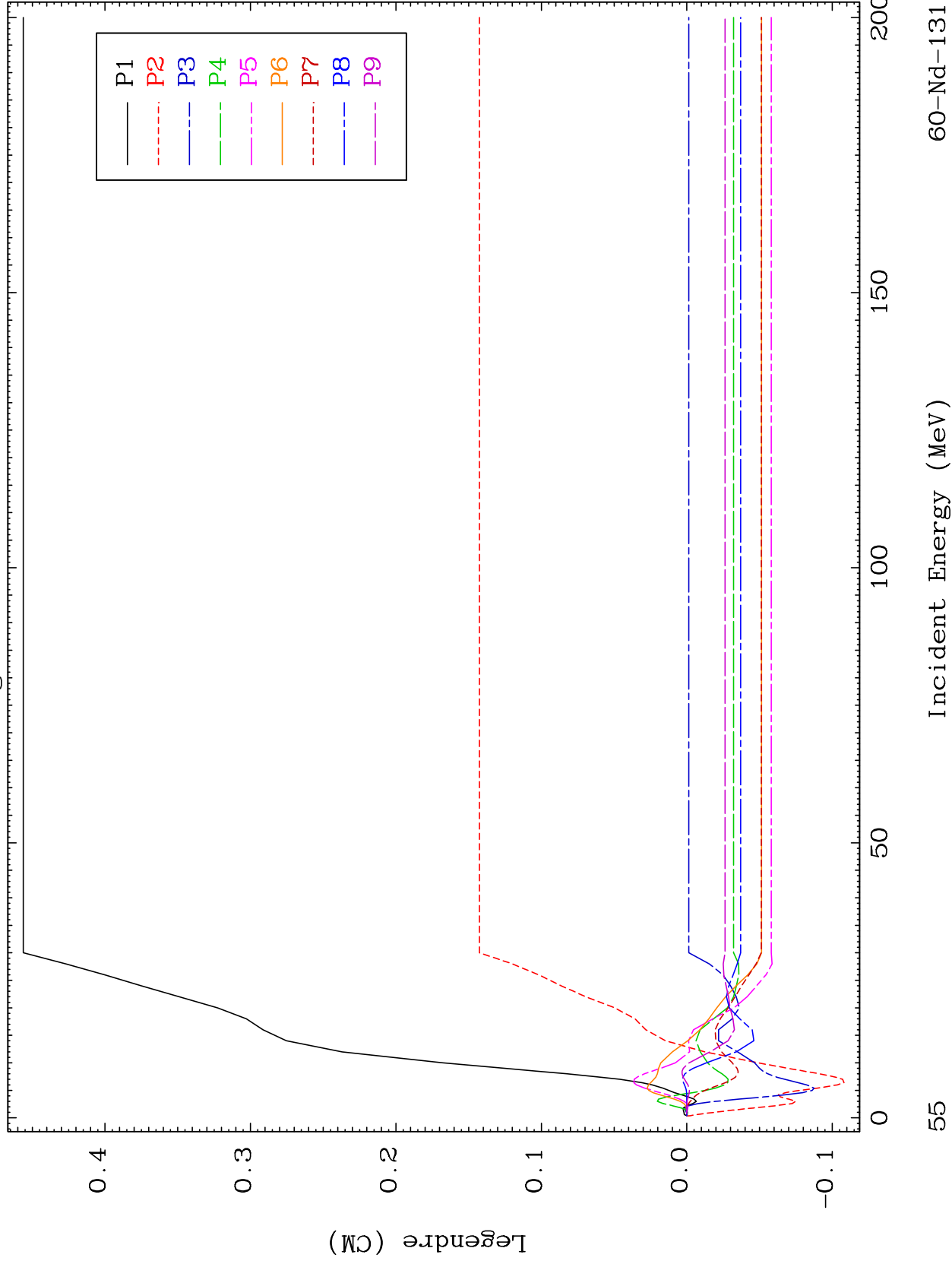
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131

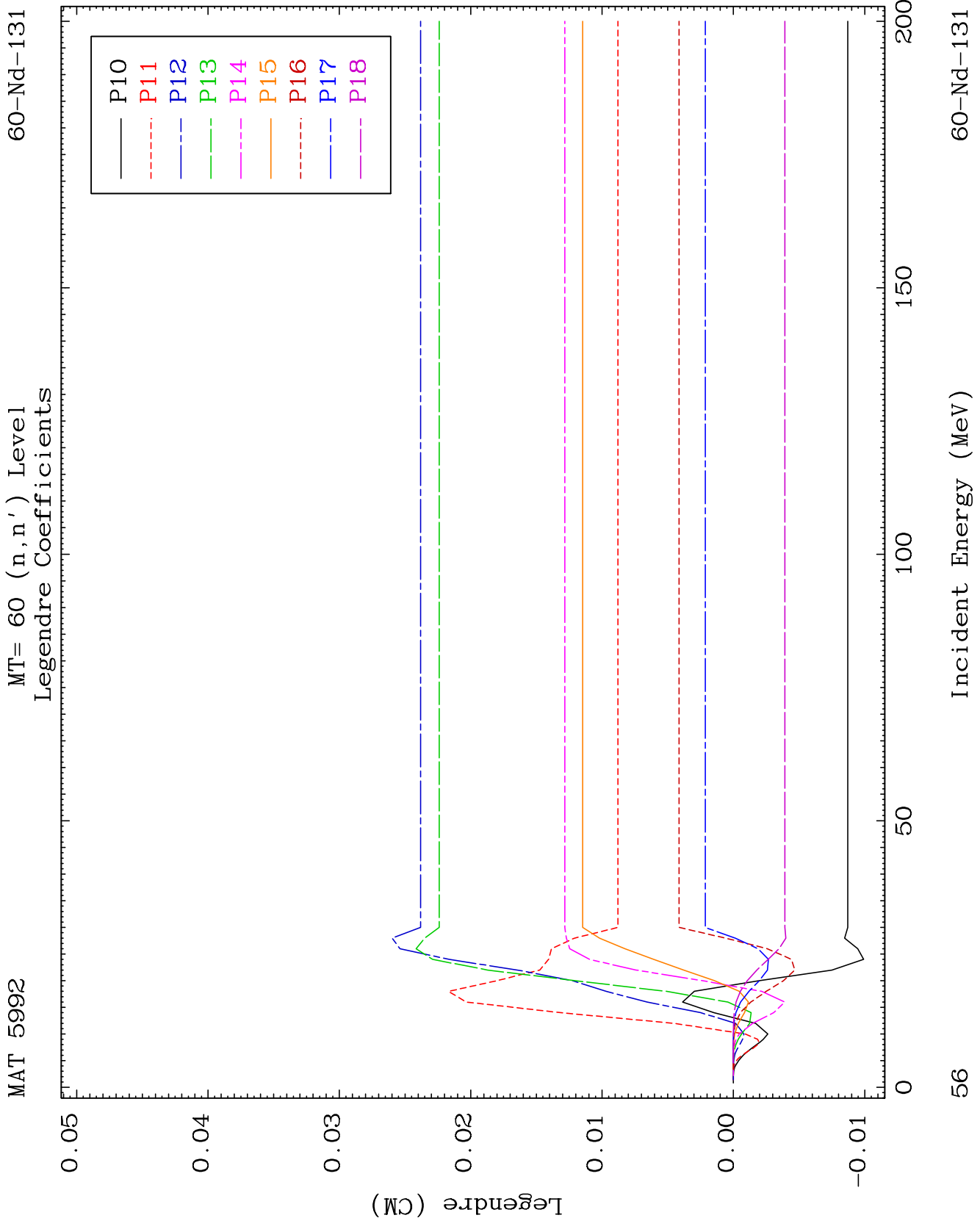


60-Nd-131

Incident Energy (MeV)

55

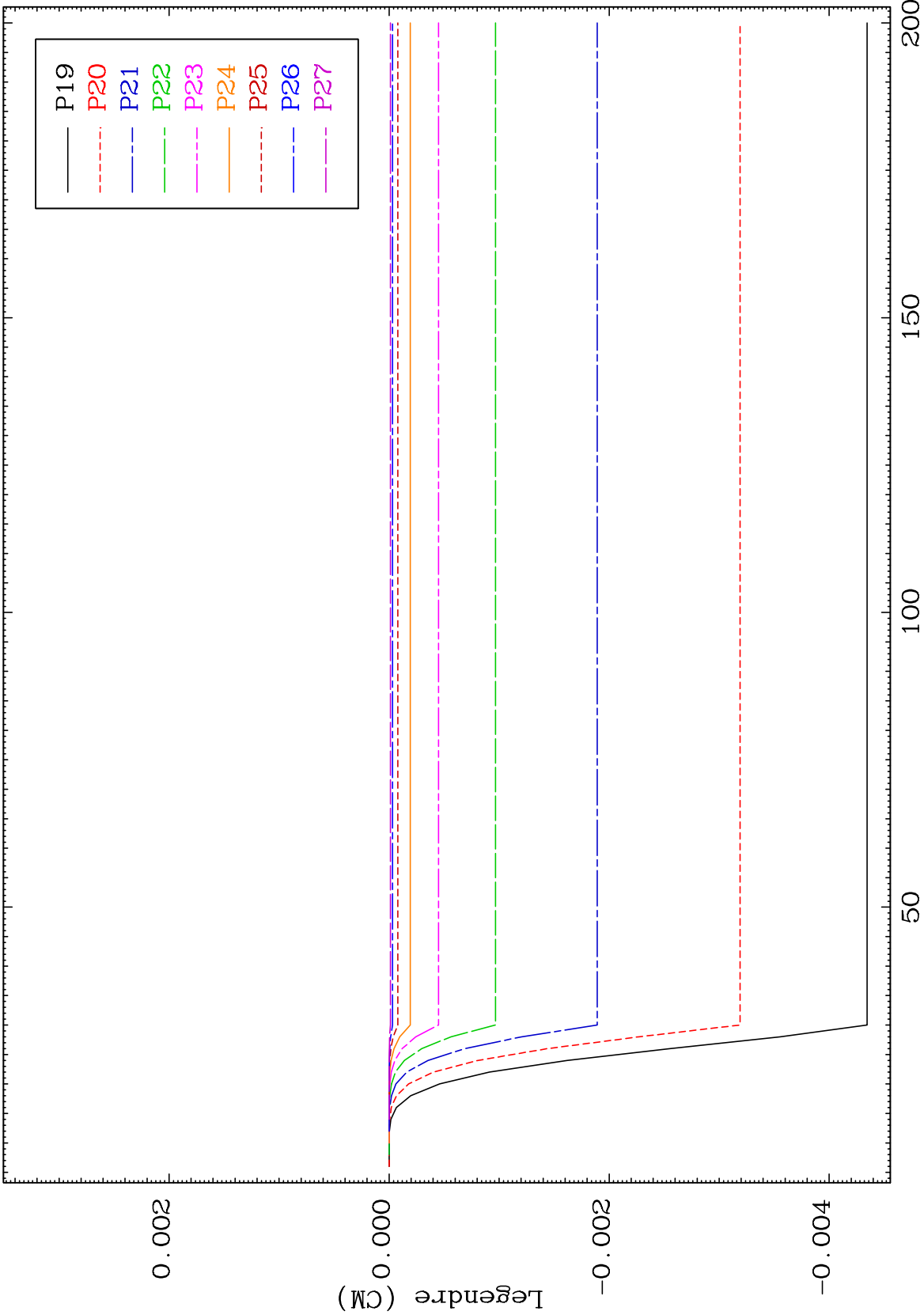




MAT 5992

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

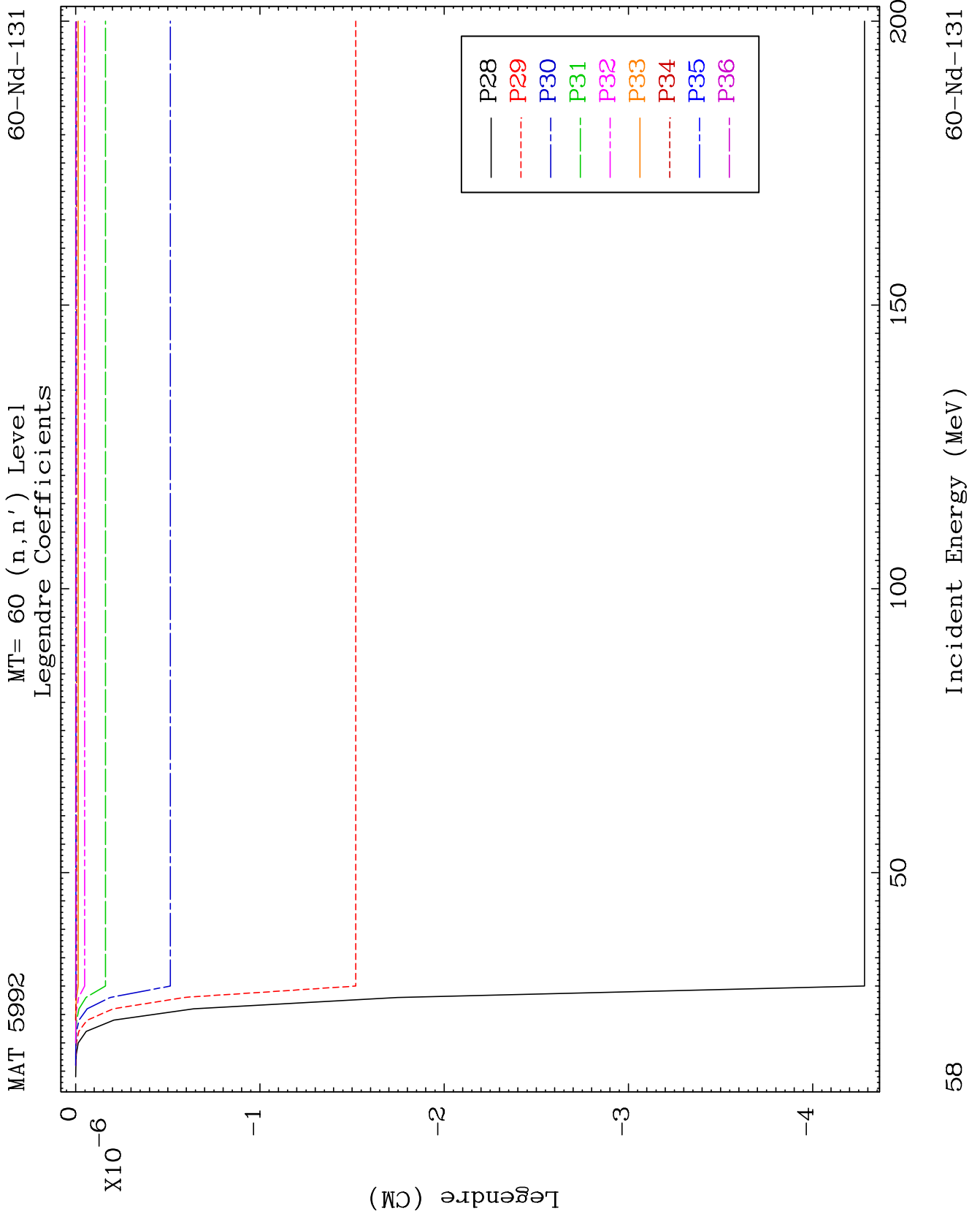
60-Nd-131



57

Incident Energy (MeV)

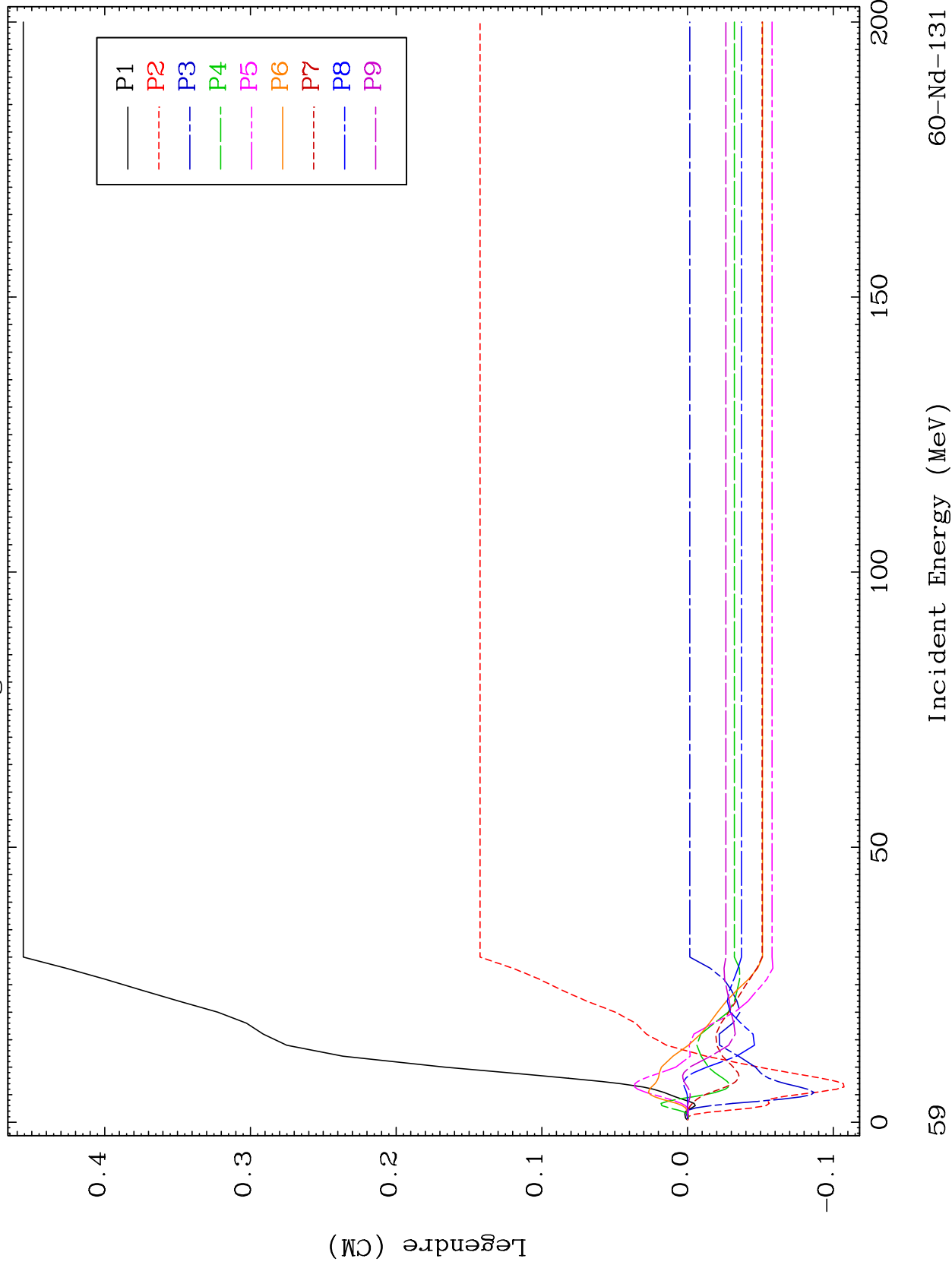
60-Nd-131



MAT 5992

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

60-Nd-131

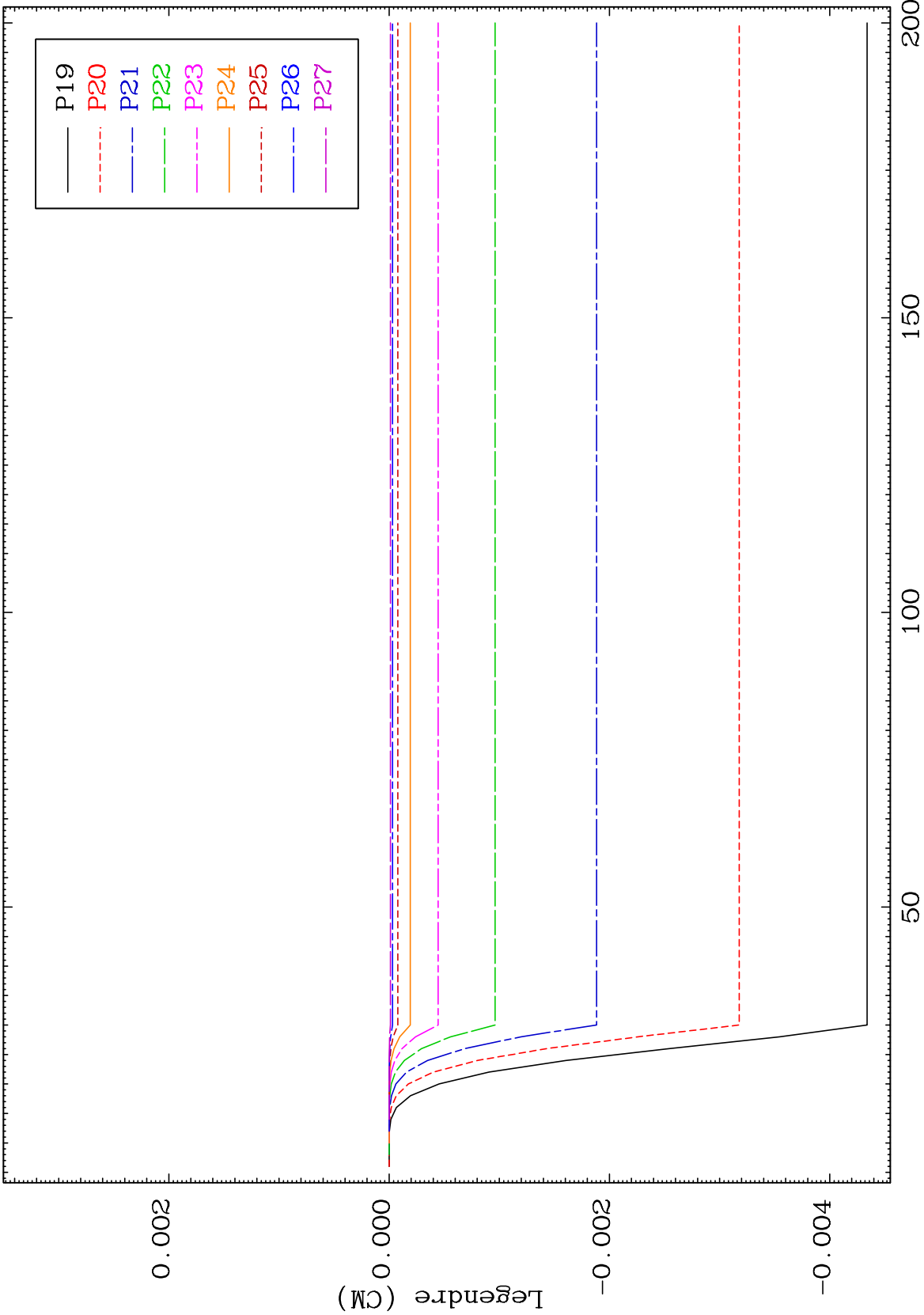




MAT 5992

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

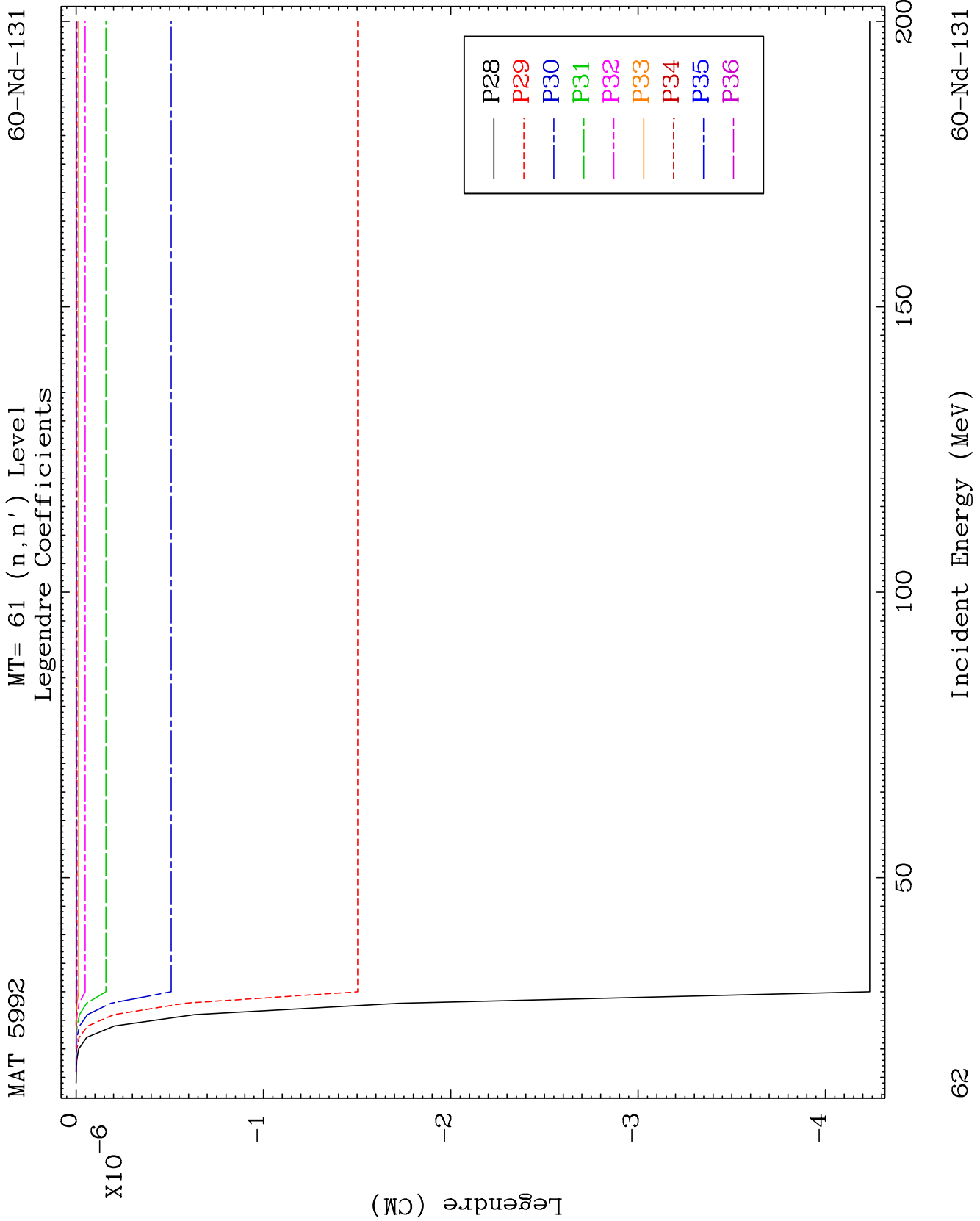
60-Nd-131



61

Incident Energy (MeV)

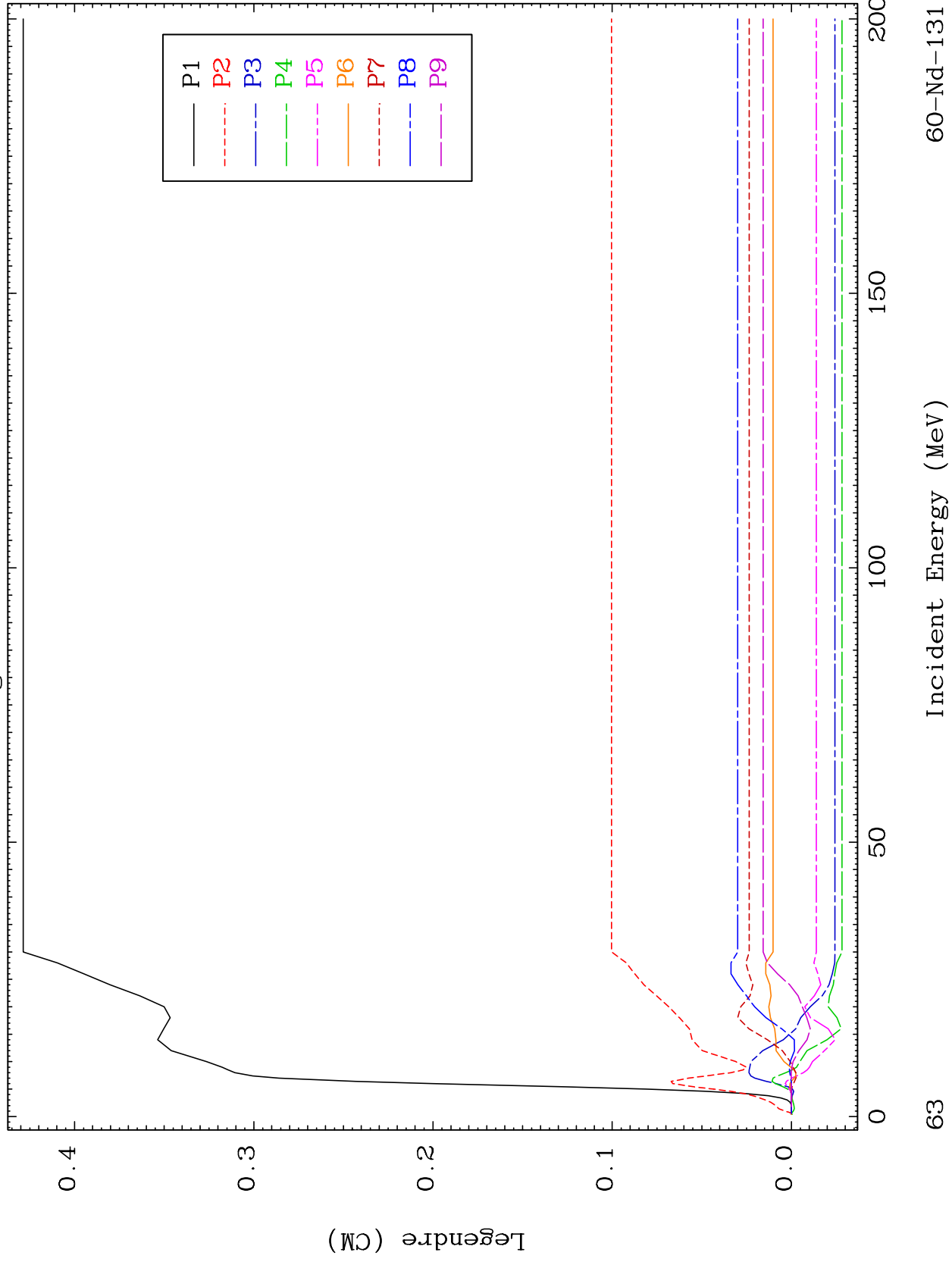
60-Nd-131



MAT 5992

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

60-Nd-131



60-Nd-131

Incident Energy (MeV)

63



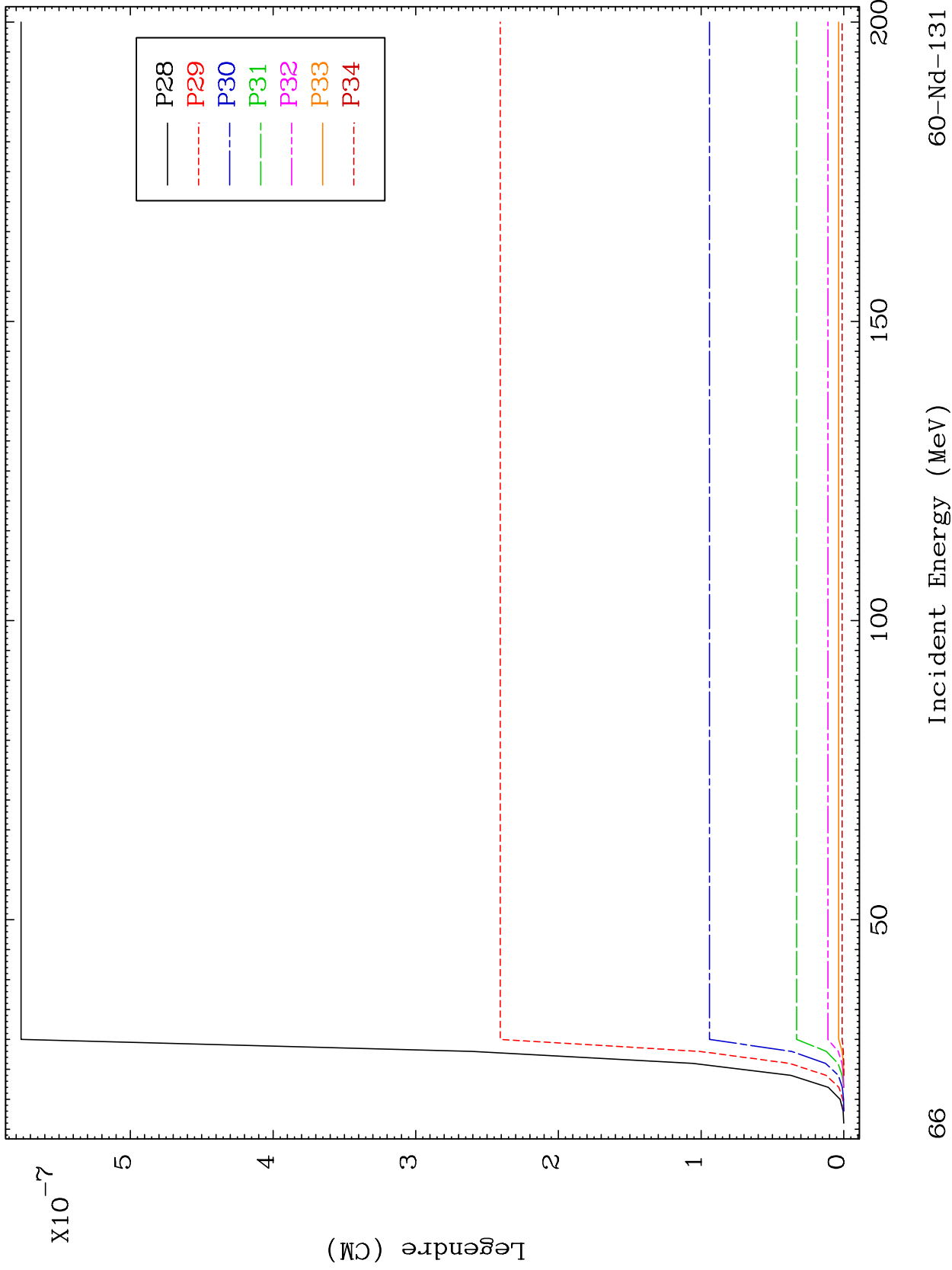




MAT 5992

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

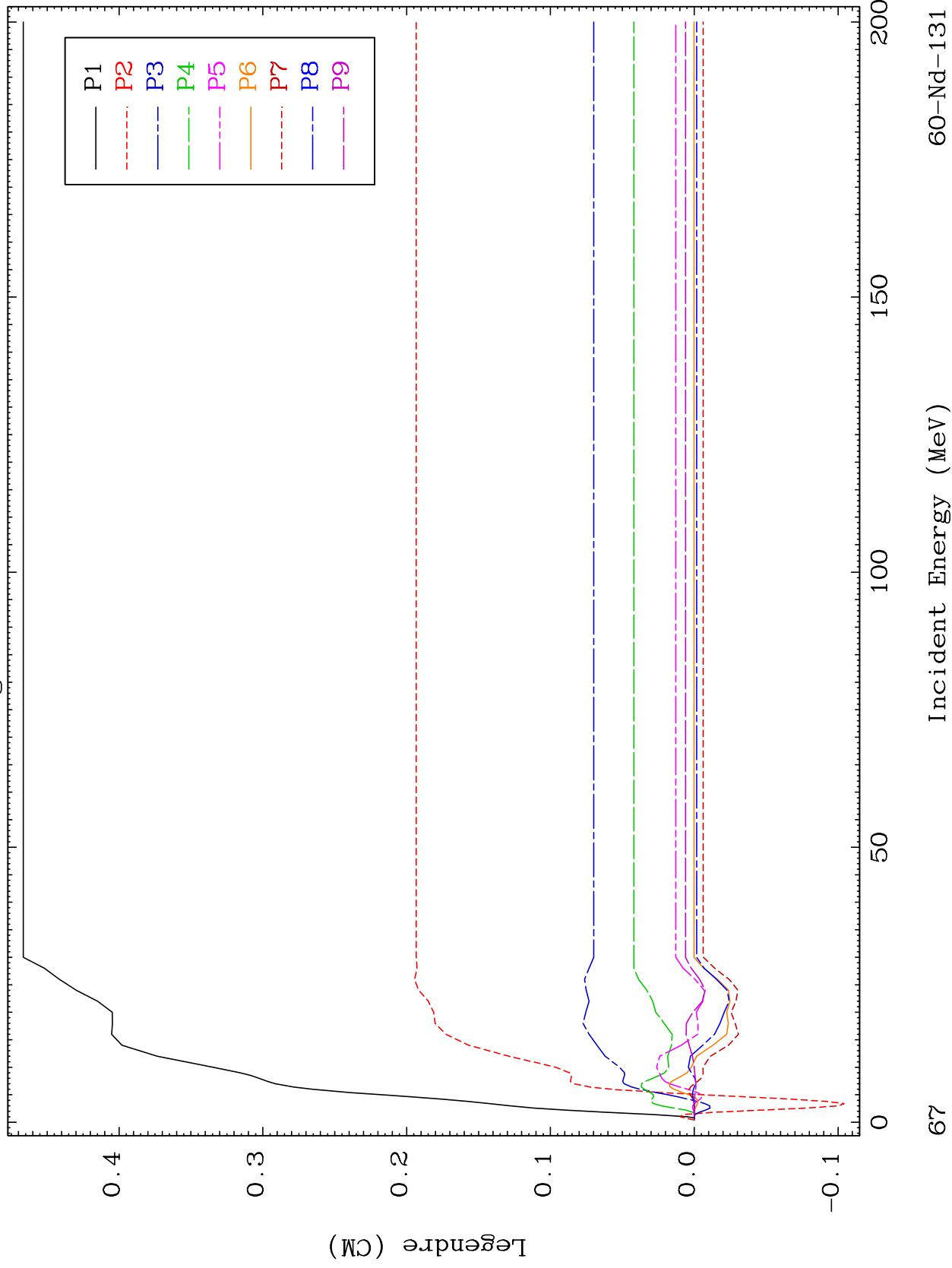
60-Nd-131



MAT 5992

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

60-Nd-131



60-Nd-131

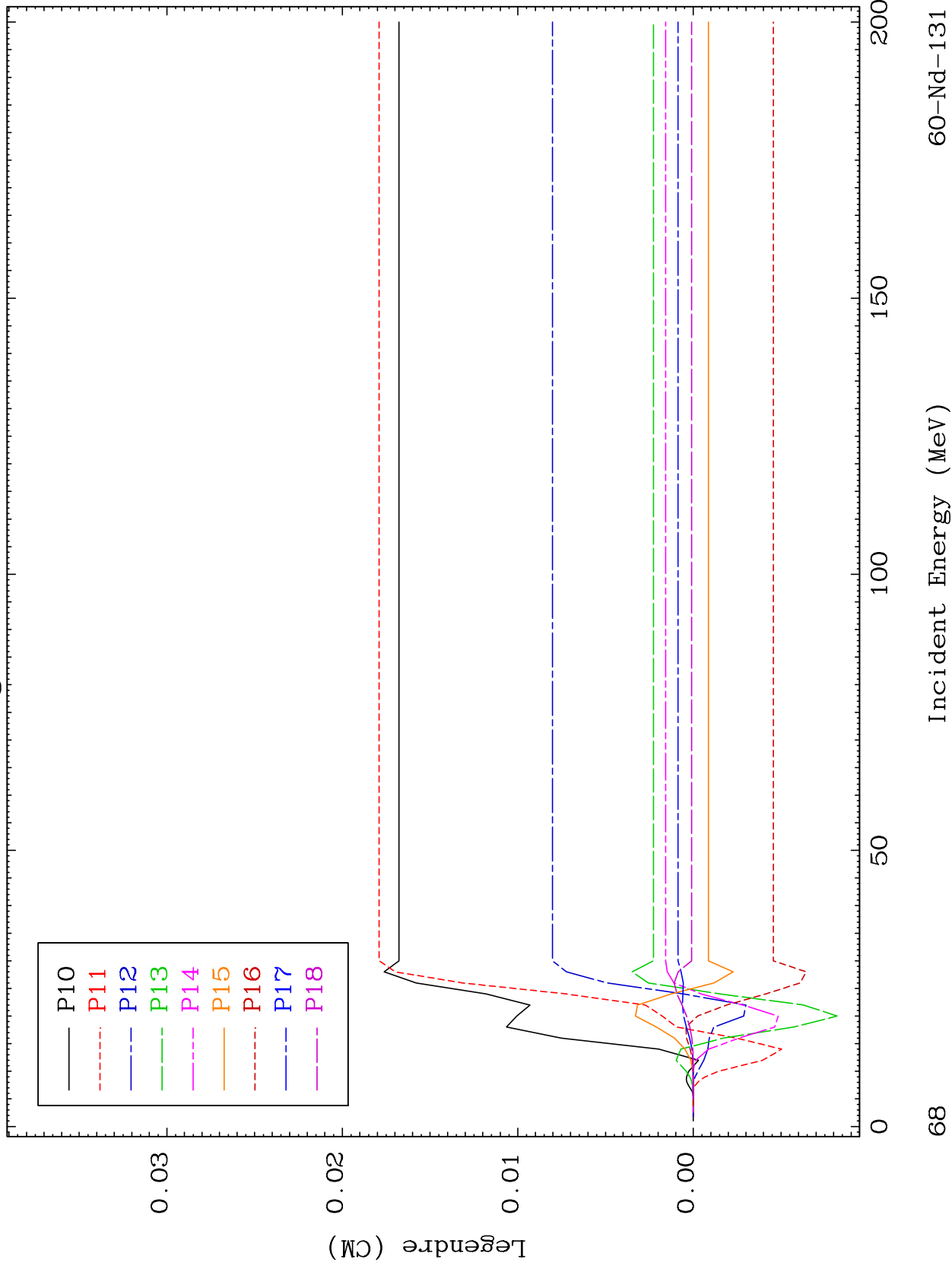
Incident Energy (MeV)

67

MAT 5992

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

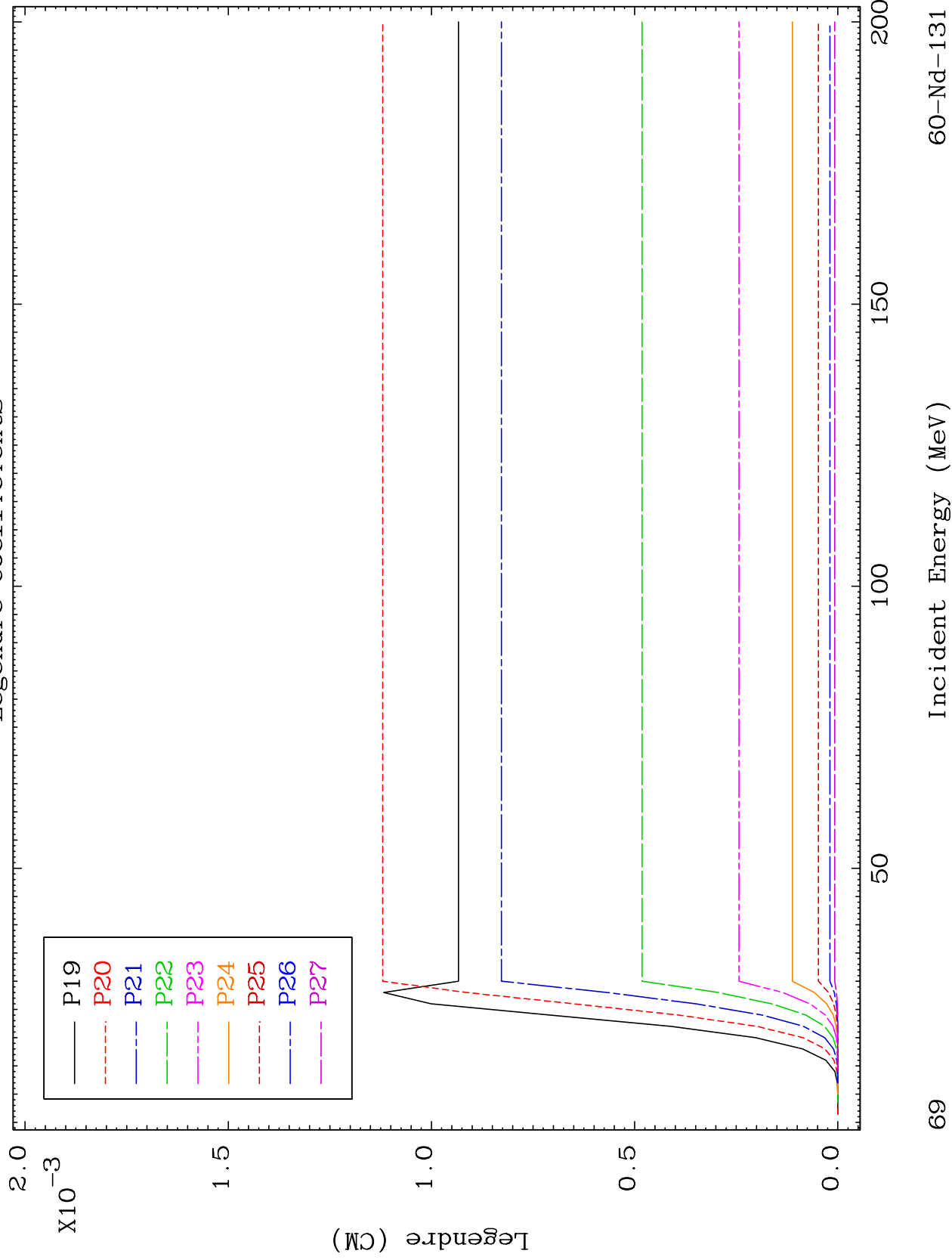
60-Nd-131



60-Nd-131

Incident Energy (MeV)

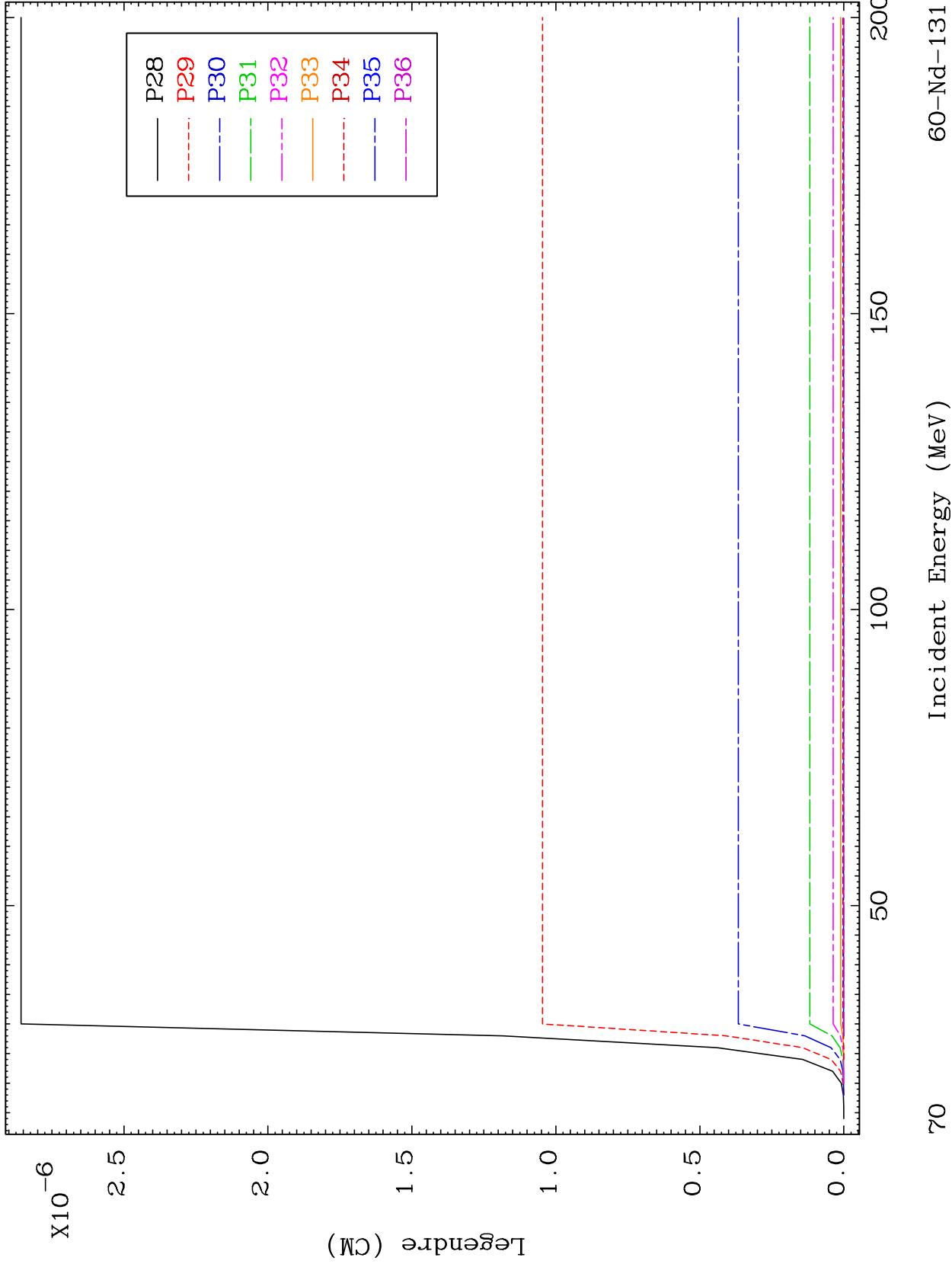
68



MAT 5992

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

60-Nd-131



70

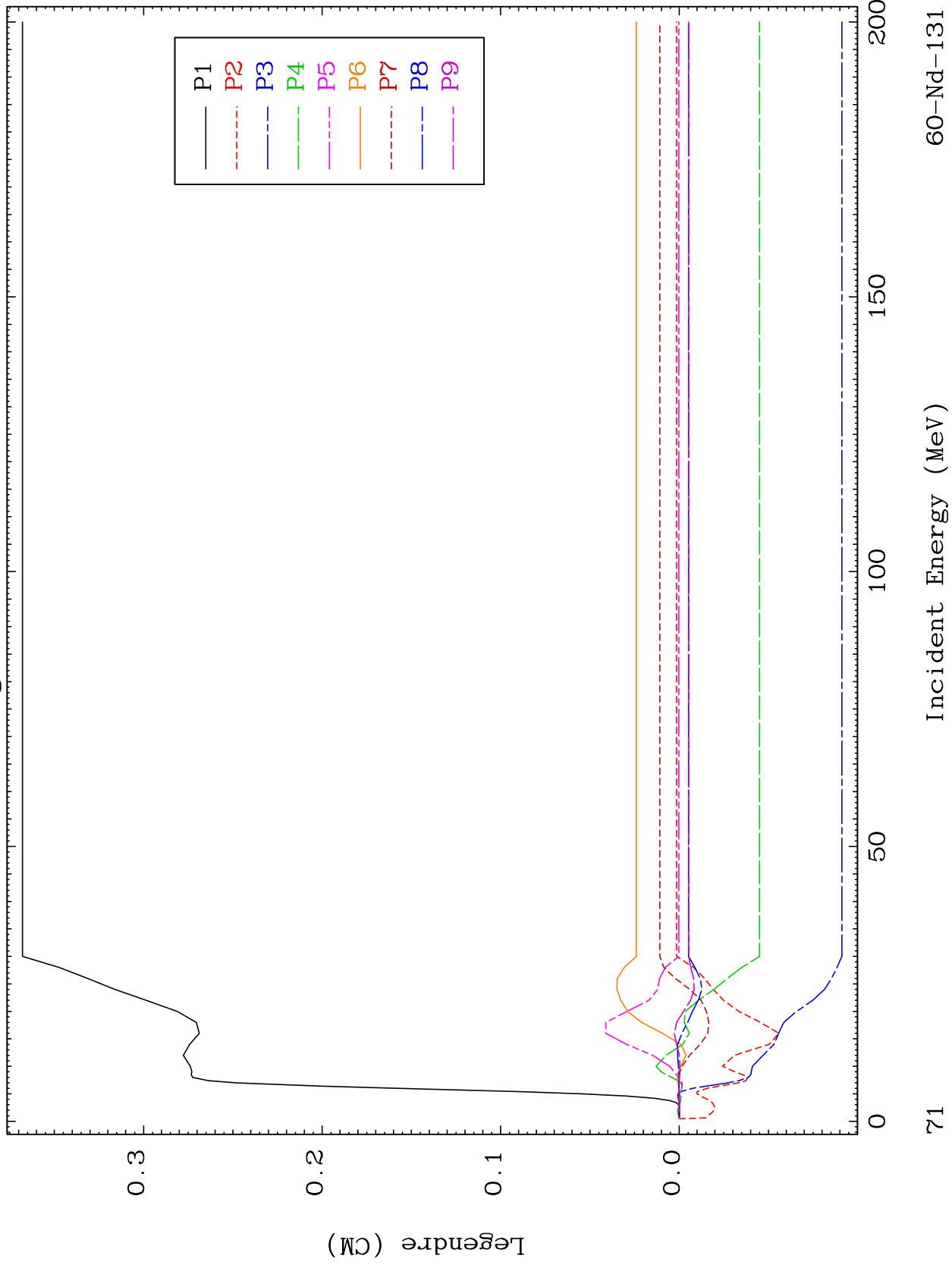
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



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Incident Energy (MeV)

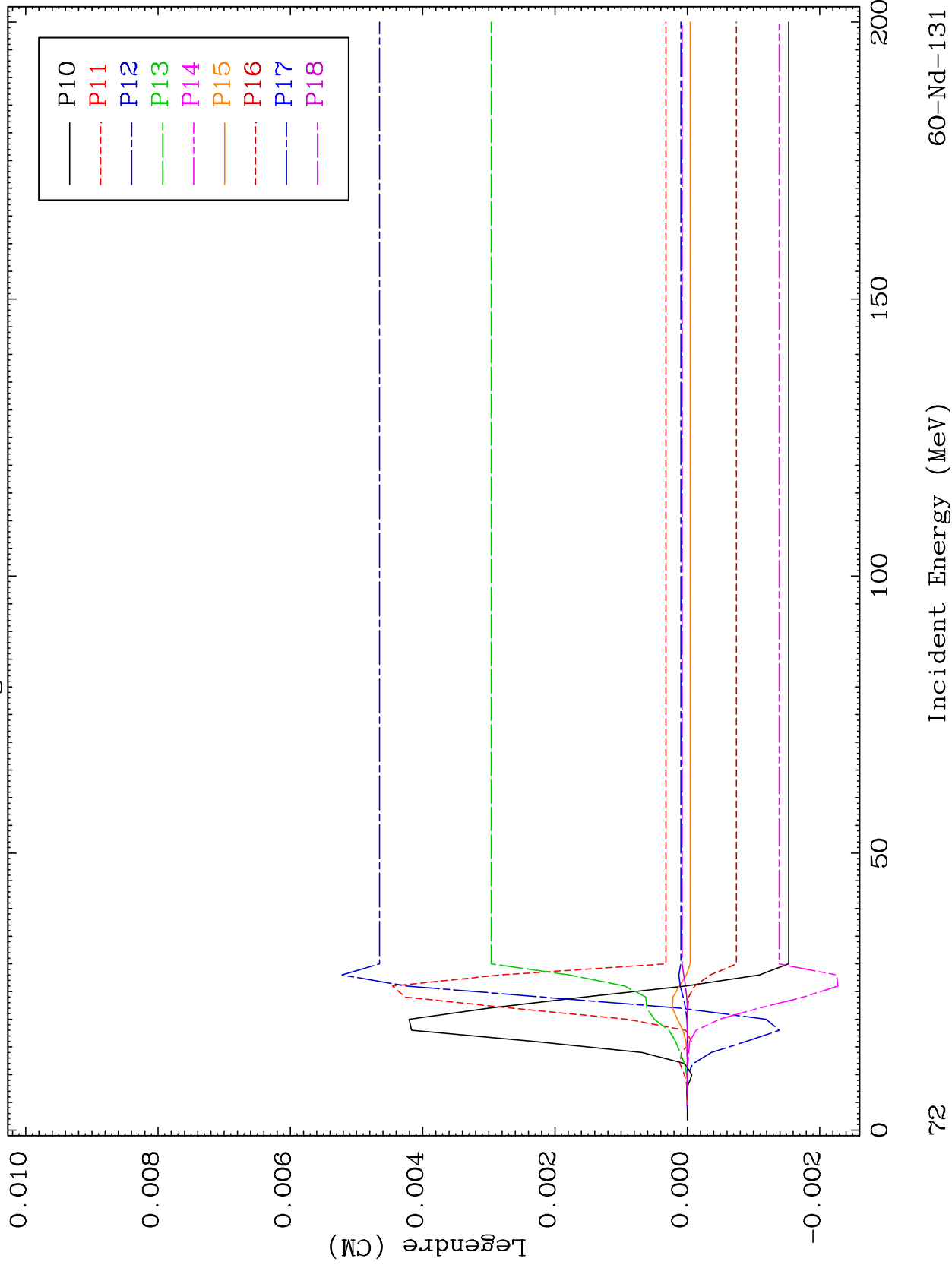
60-Nd-131



MAT 5992

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

60-Nd-131



72

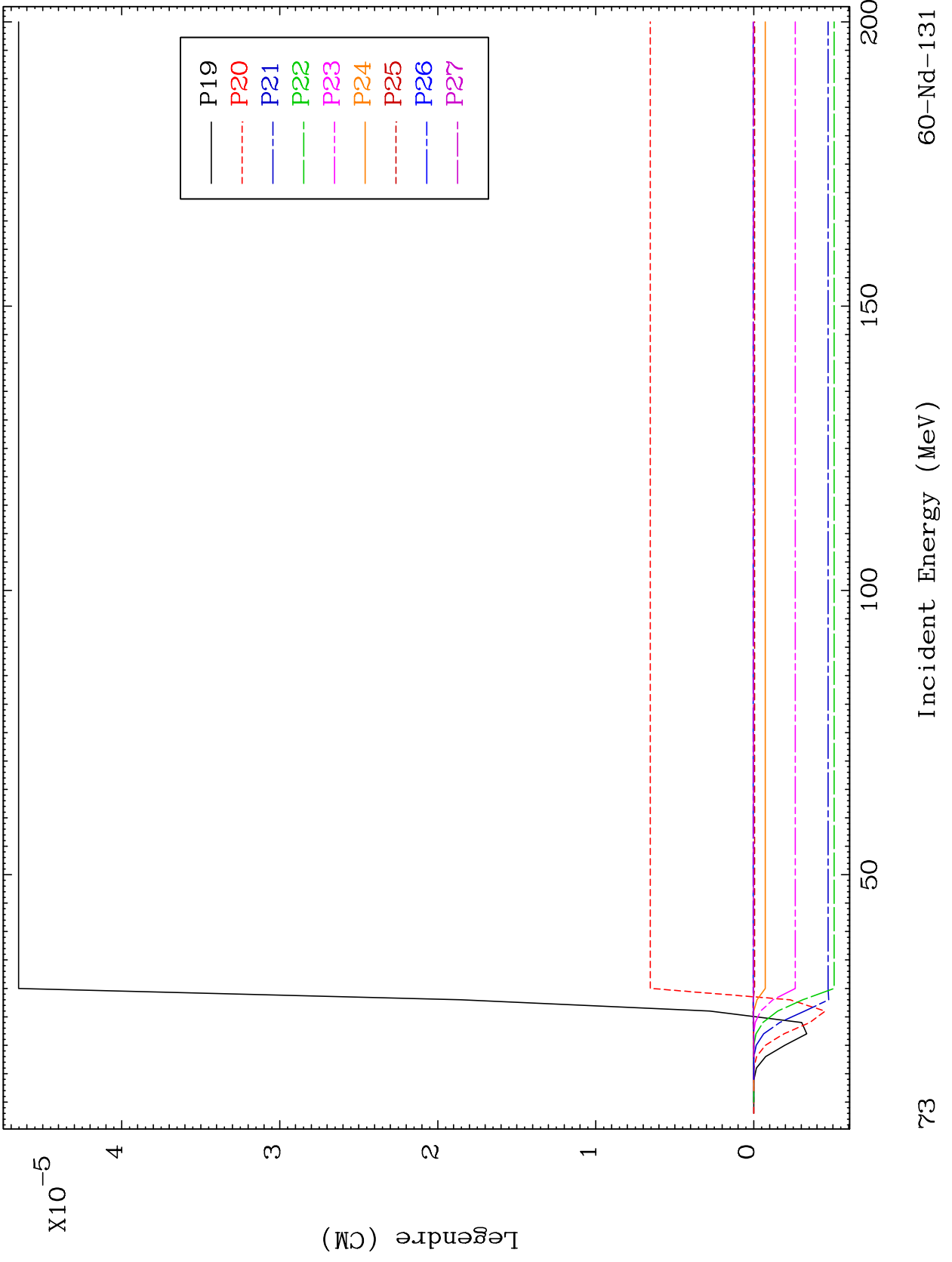
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

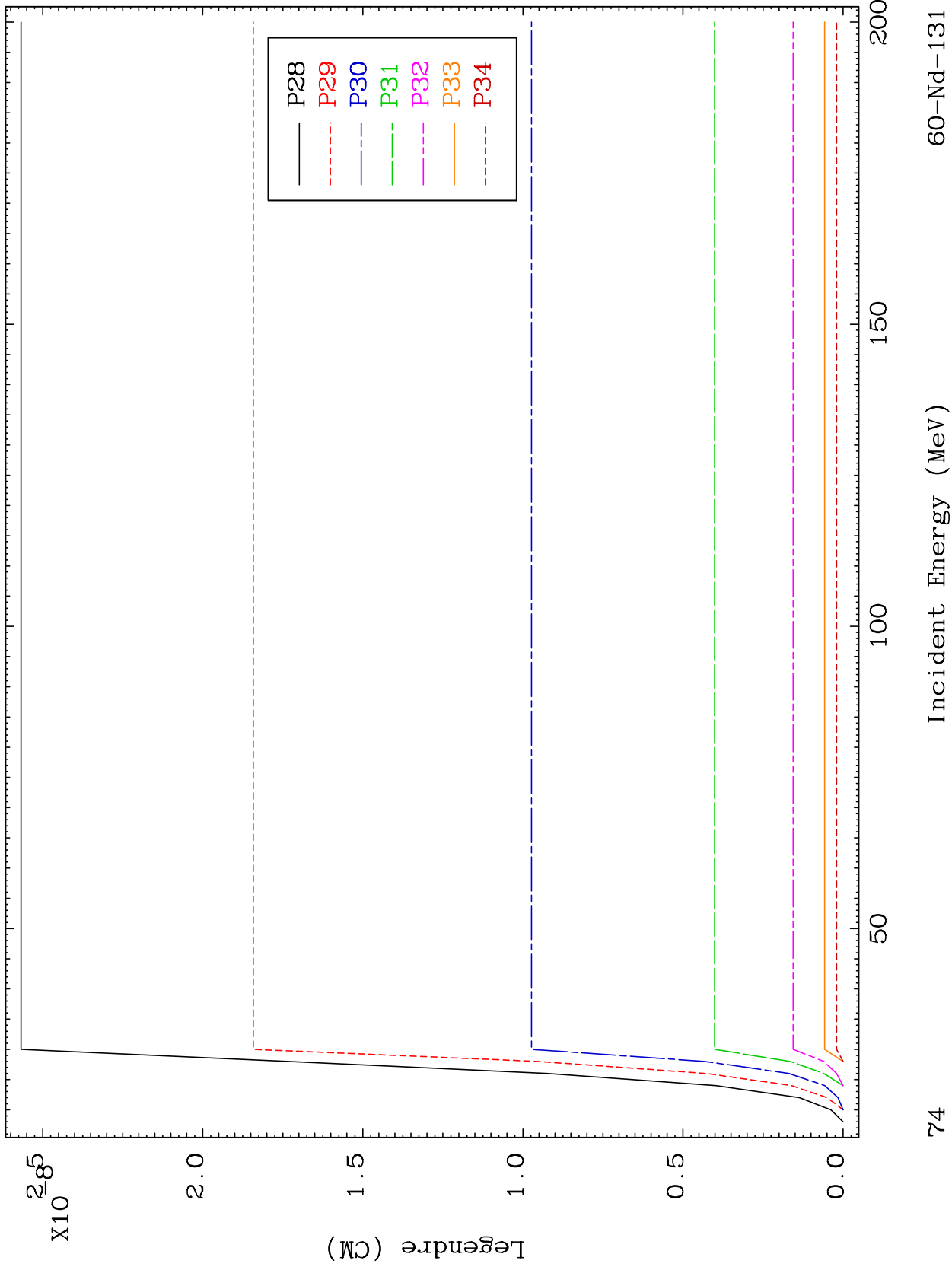
60-Nd-131



MAT 5992

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

60-Nd-131



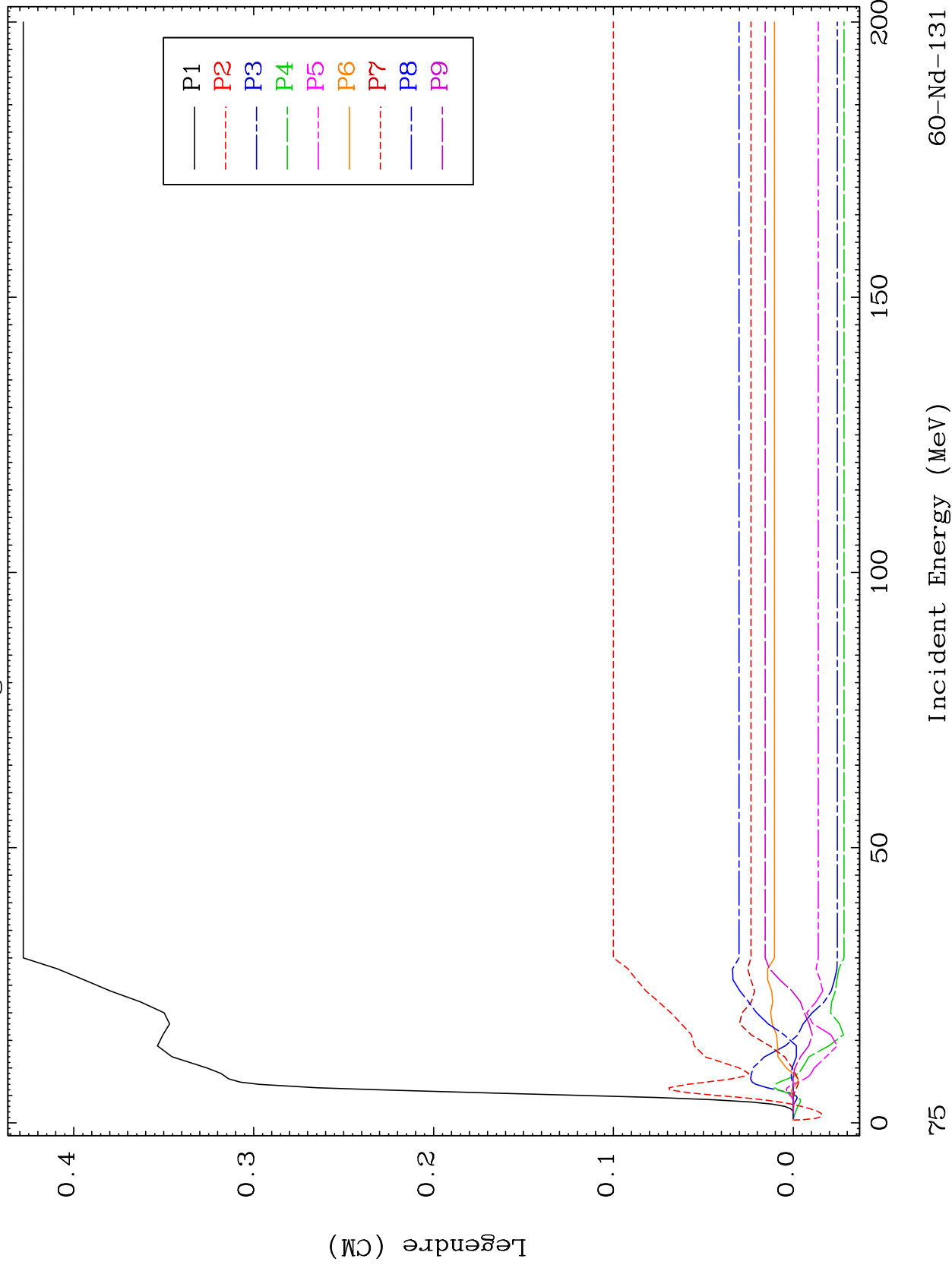
74

60-Nd-131

MAT 5992

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

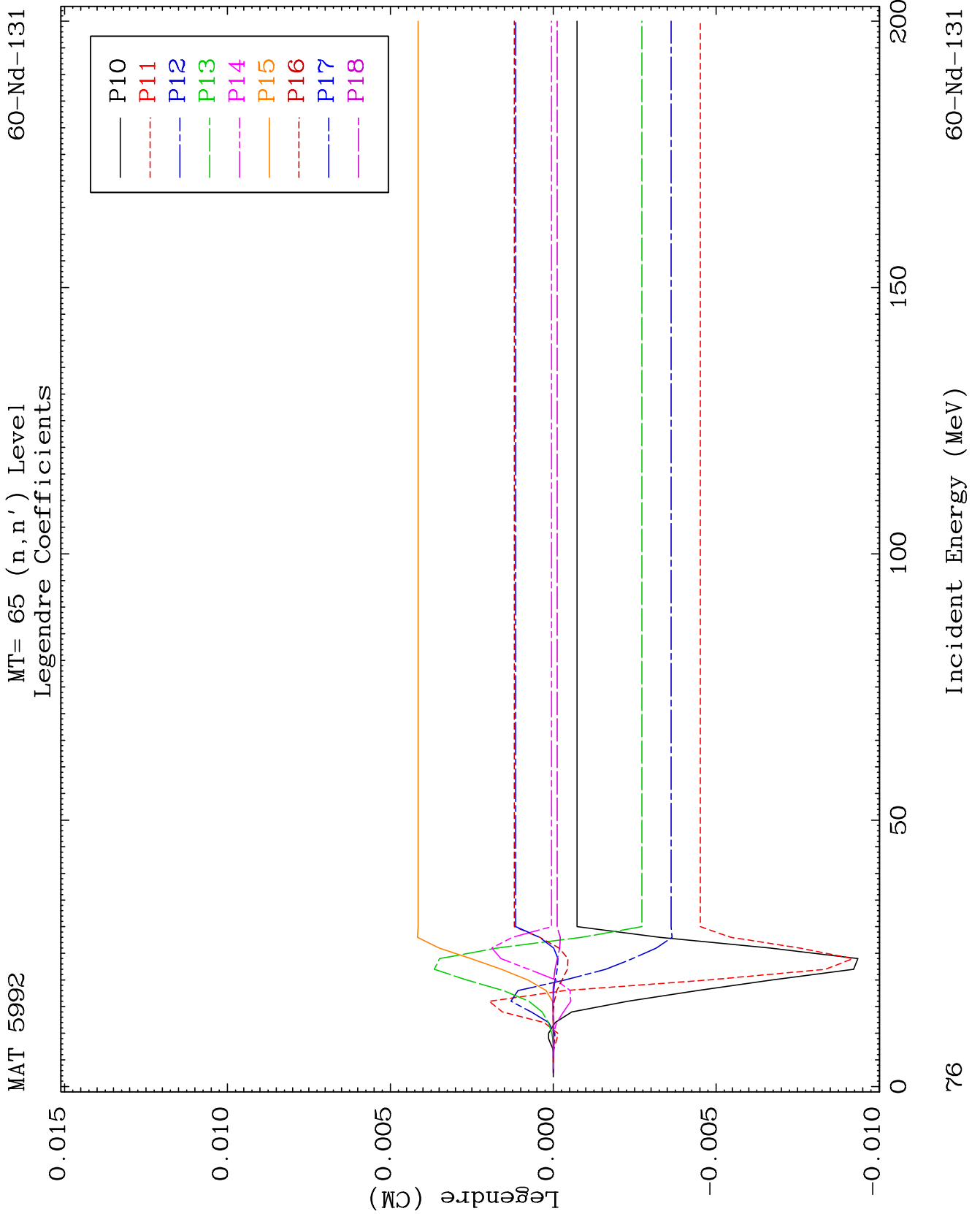
60-Nd-131

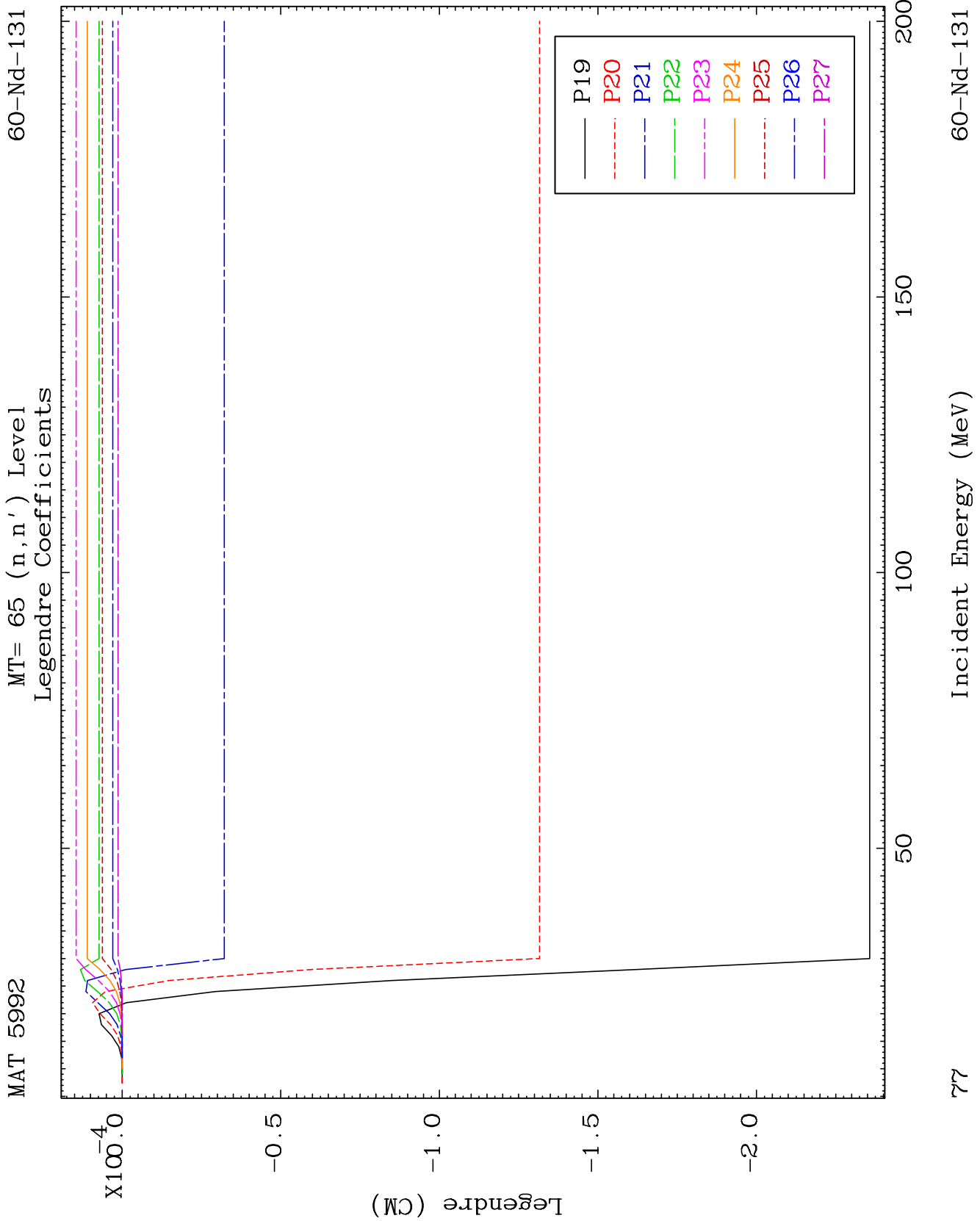


60-Nd-131

Incident Energy (MeV)

75

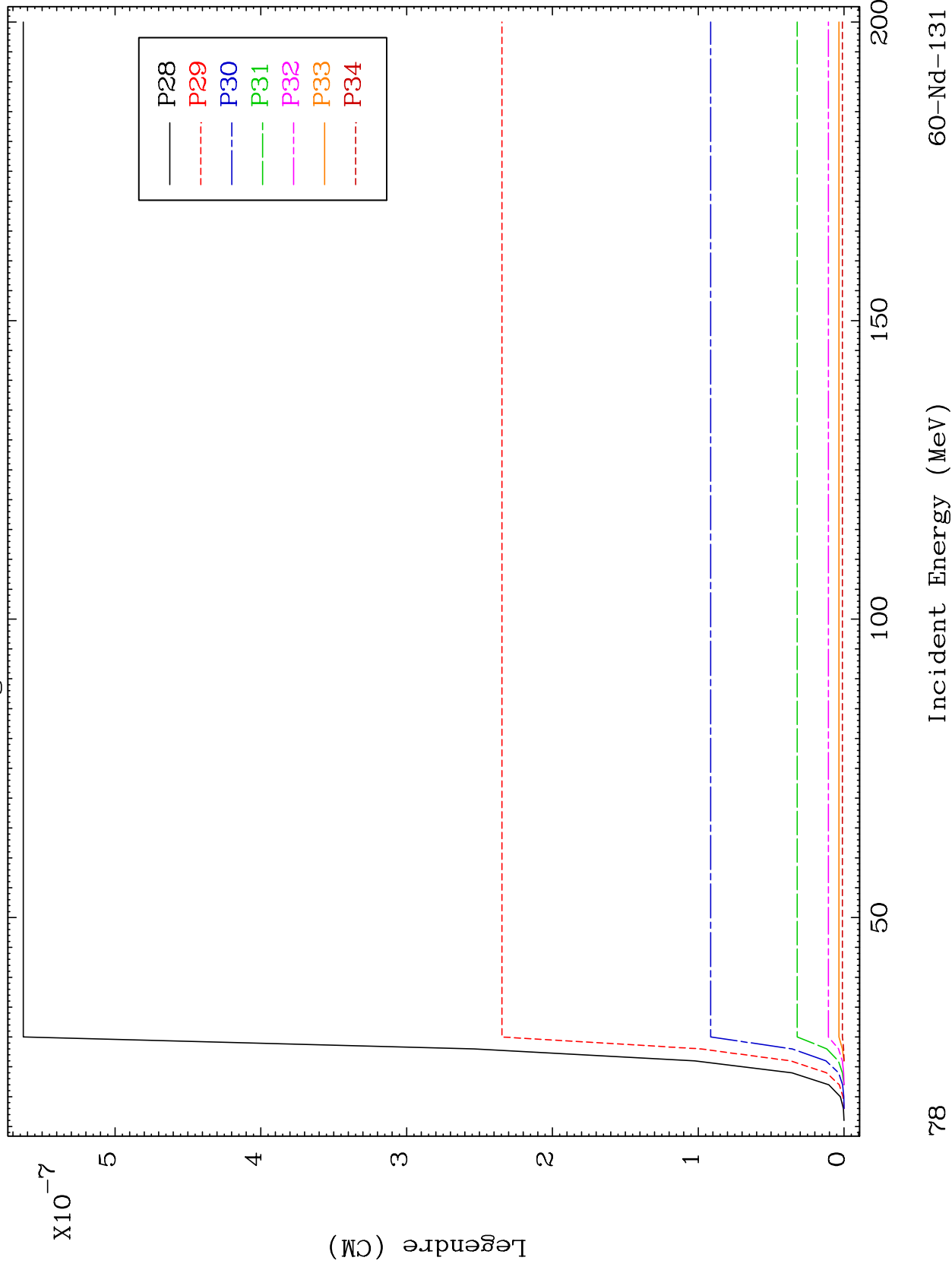




MAT 5992

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

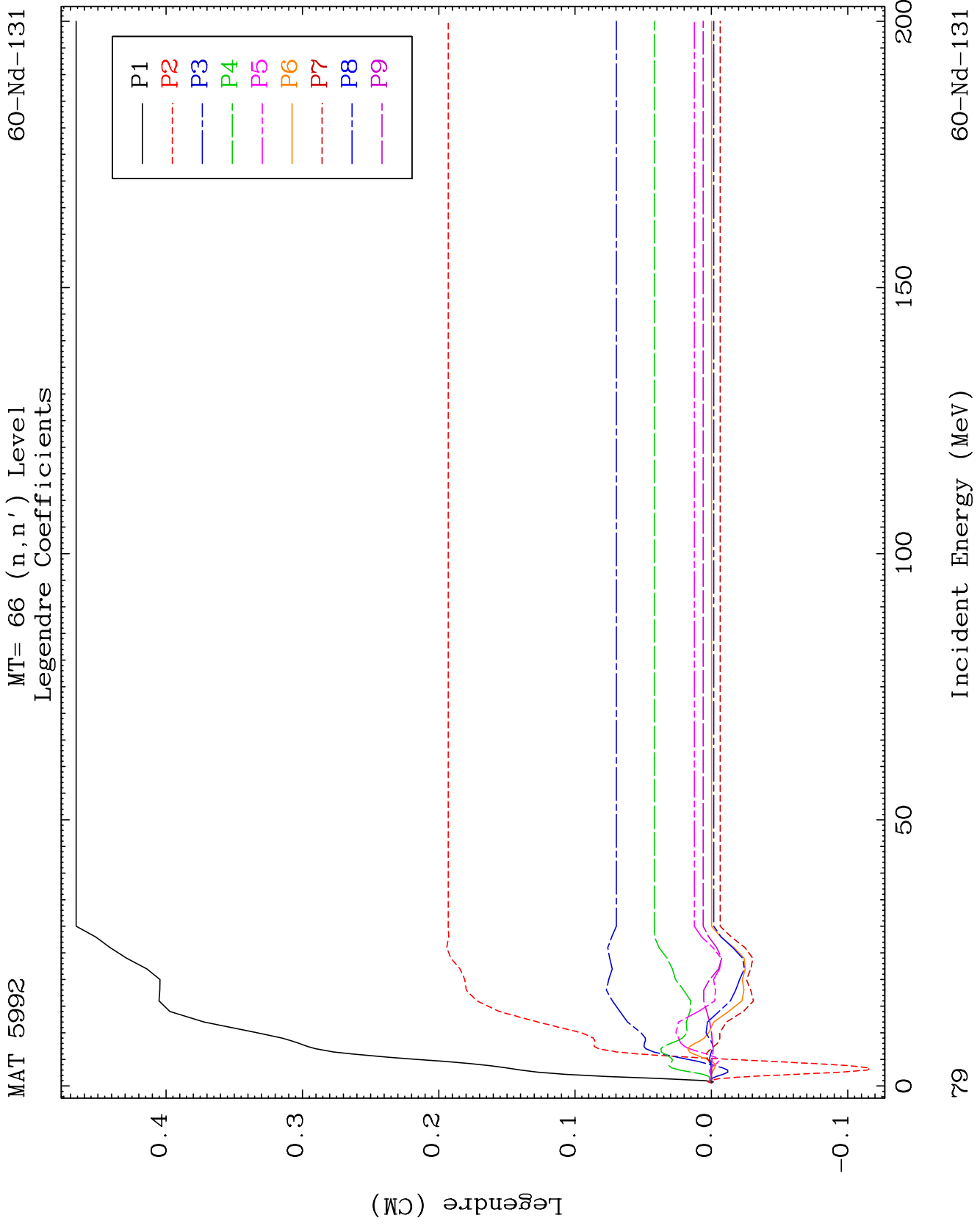
60-Nd-131



78

Incident Energy (MeV)

60-Nd-131

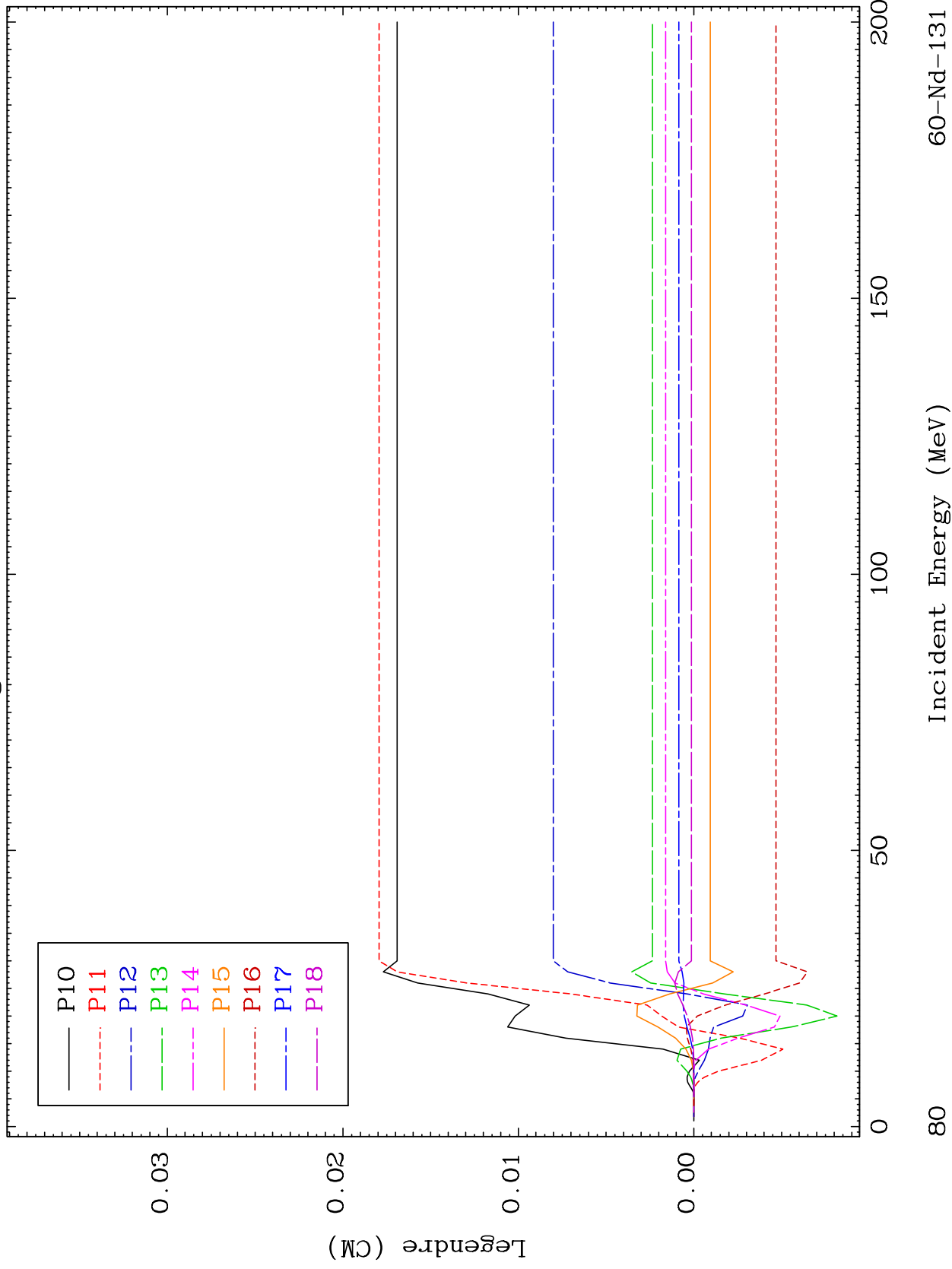




MAT 5992

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

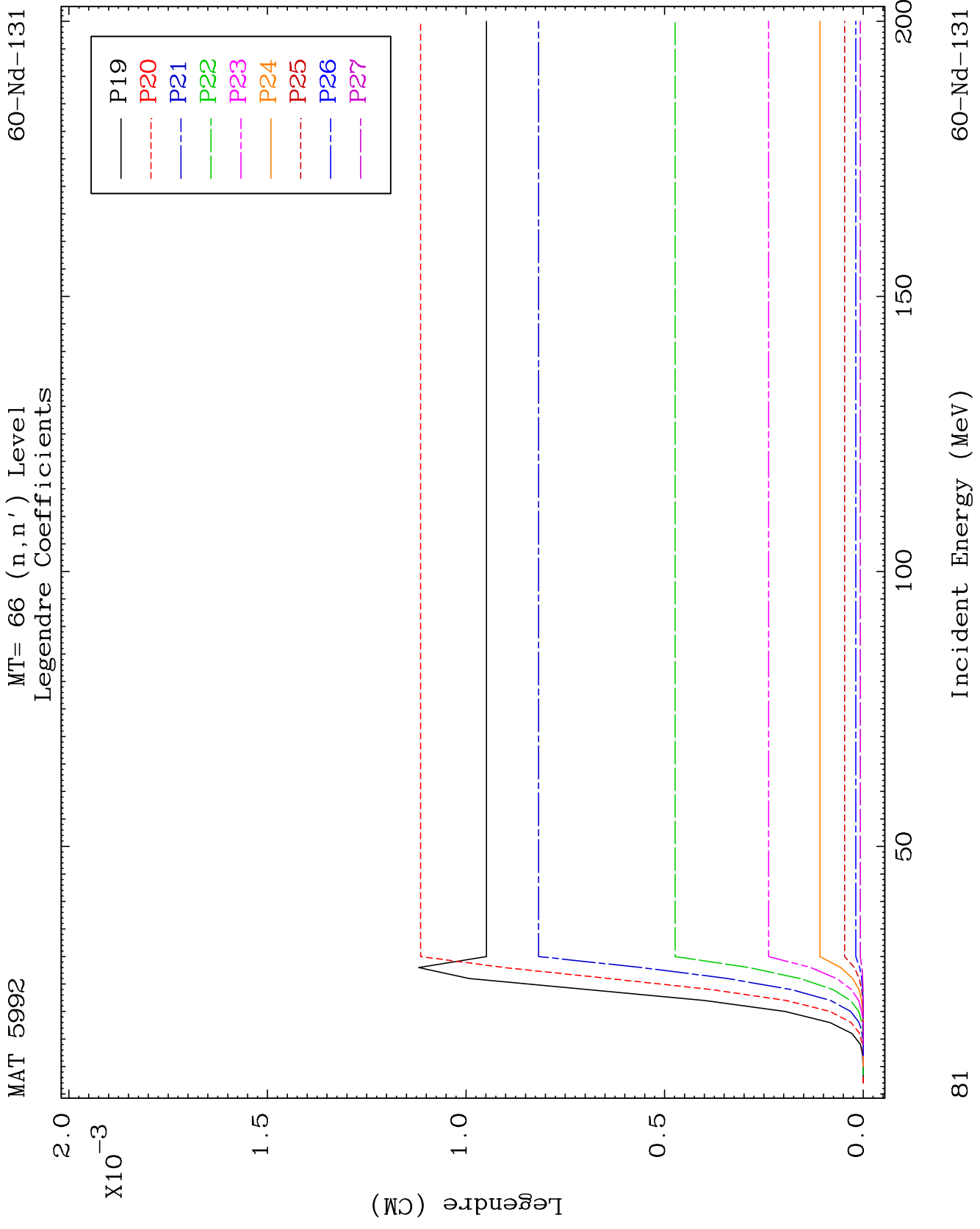
60-Nd-131



60-Nd-131

Incident Energy (MeV)

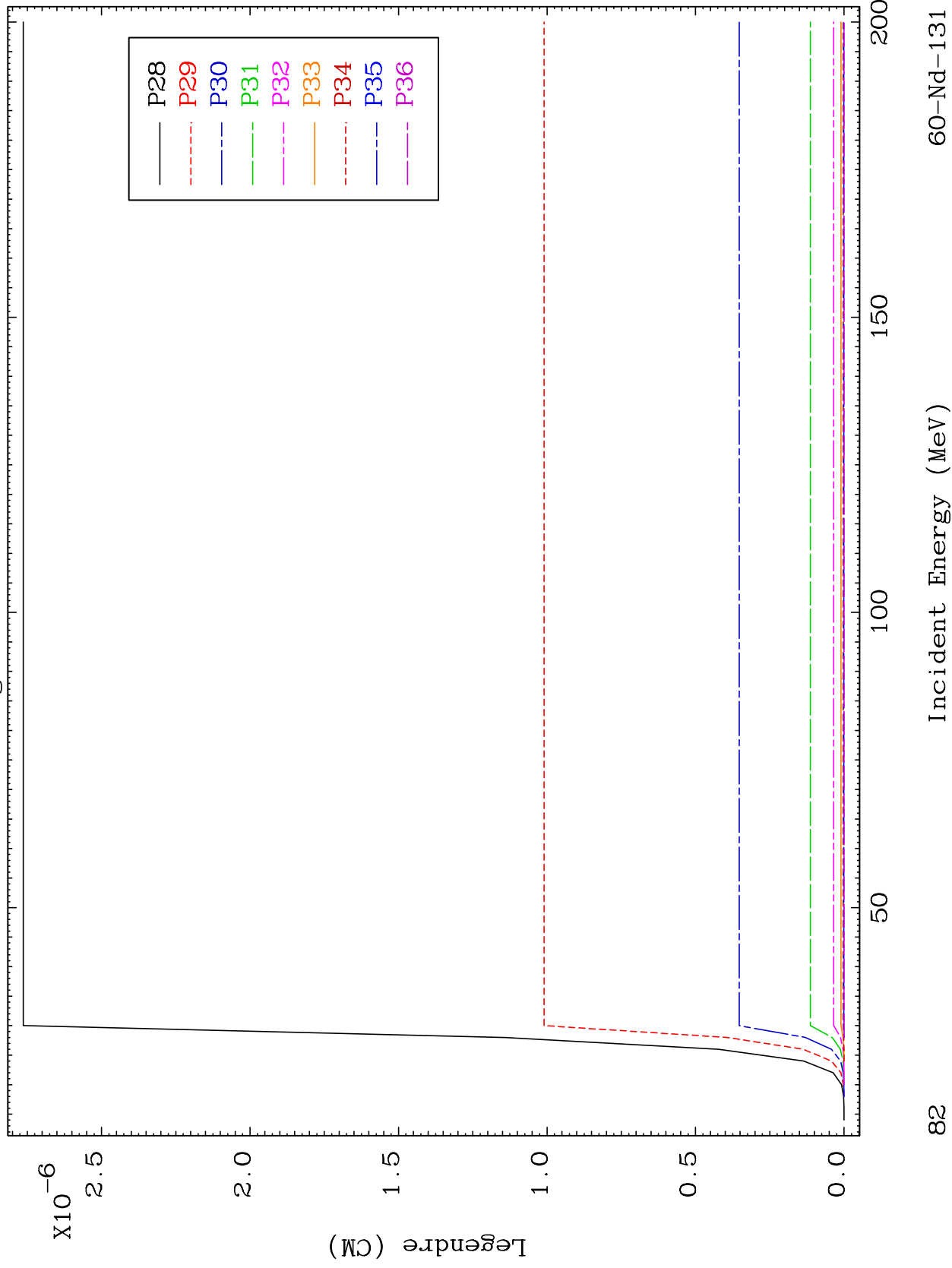
80



MAT 5992

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

60-Nd-131

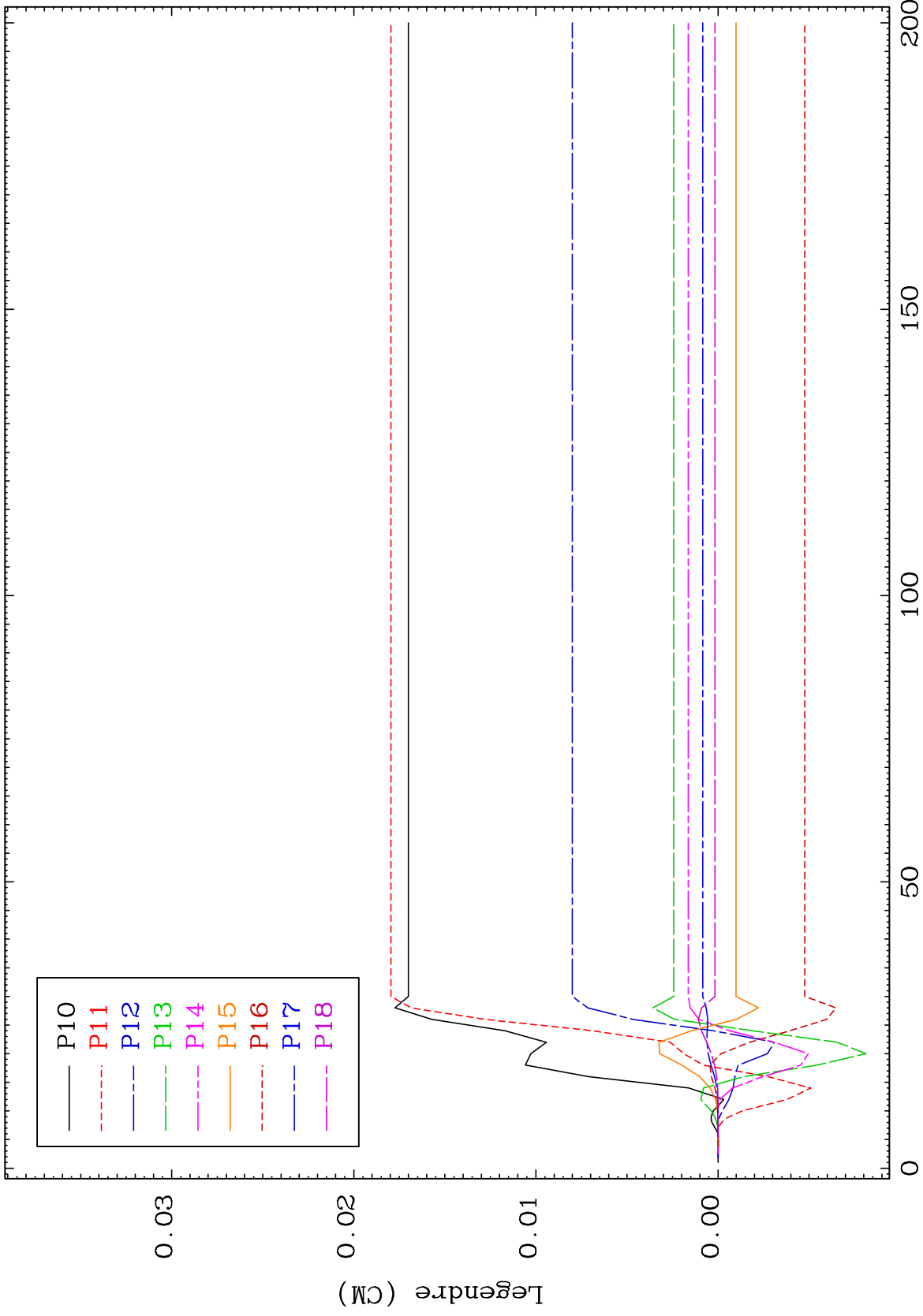




MAT 5992

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

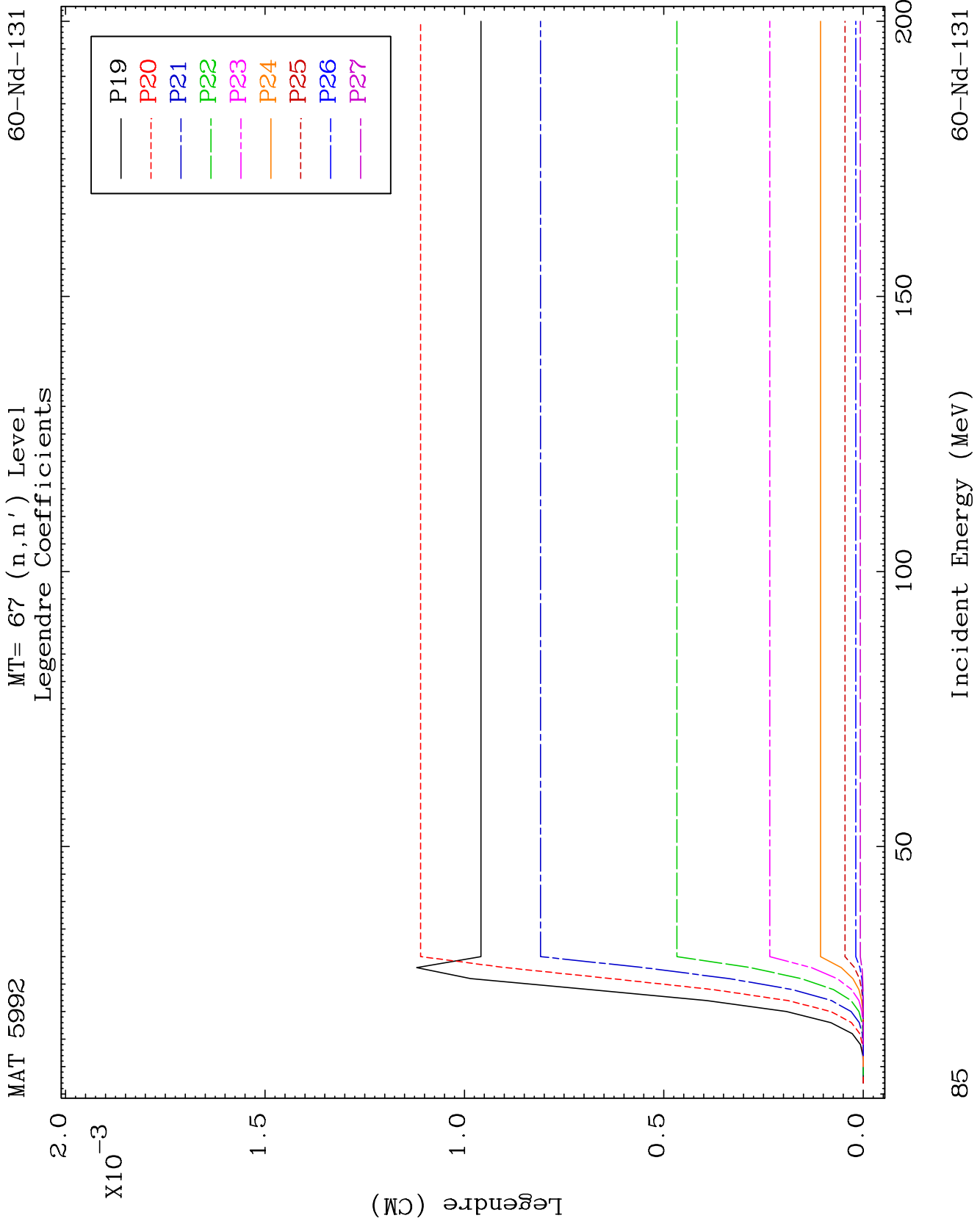
60-Nd-131



84

Incident Energy (MeV)

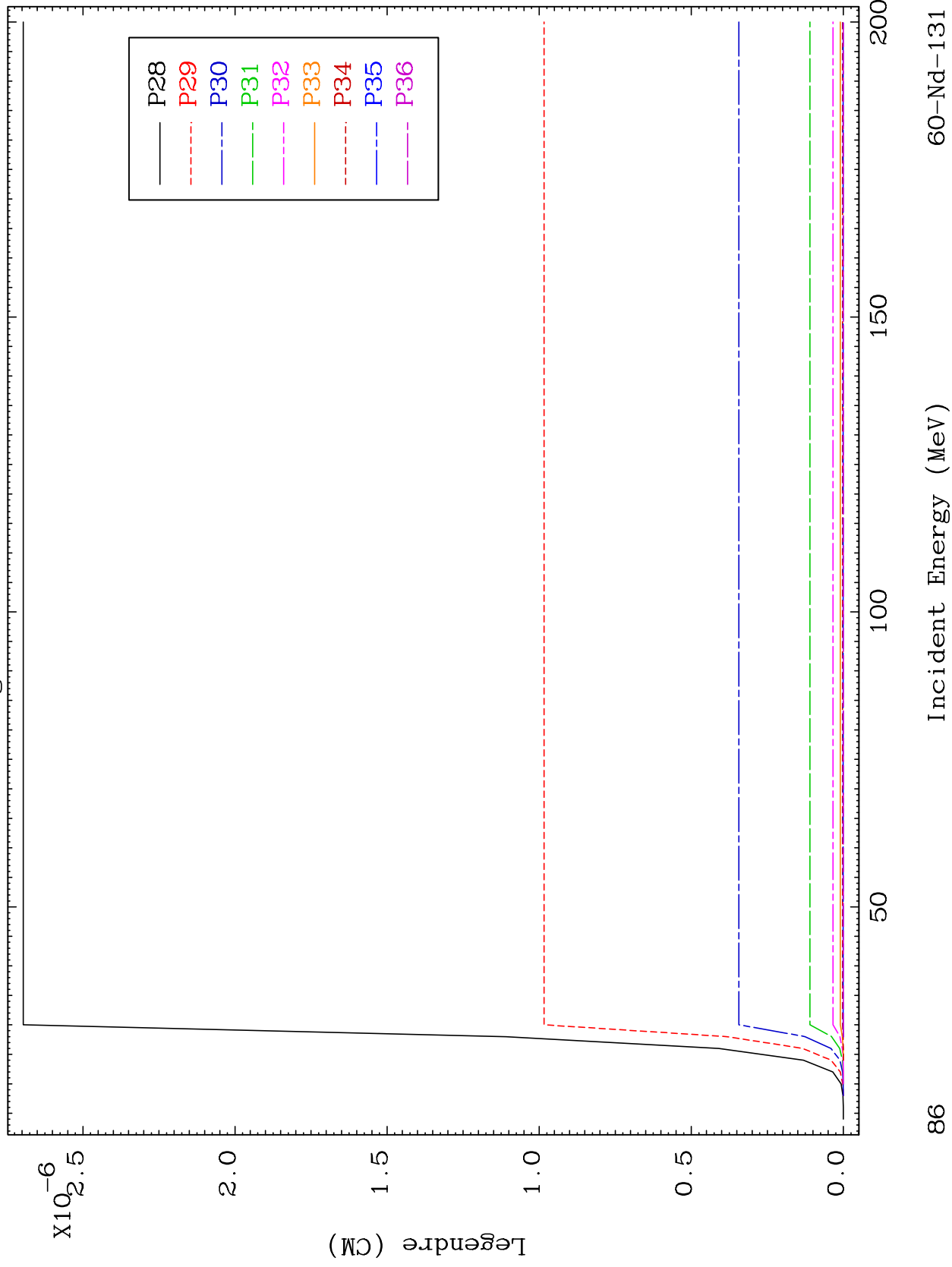
60-Nd-131



MAT 5992

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

60-Nd-131

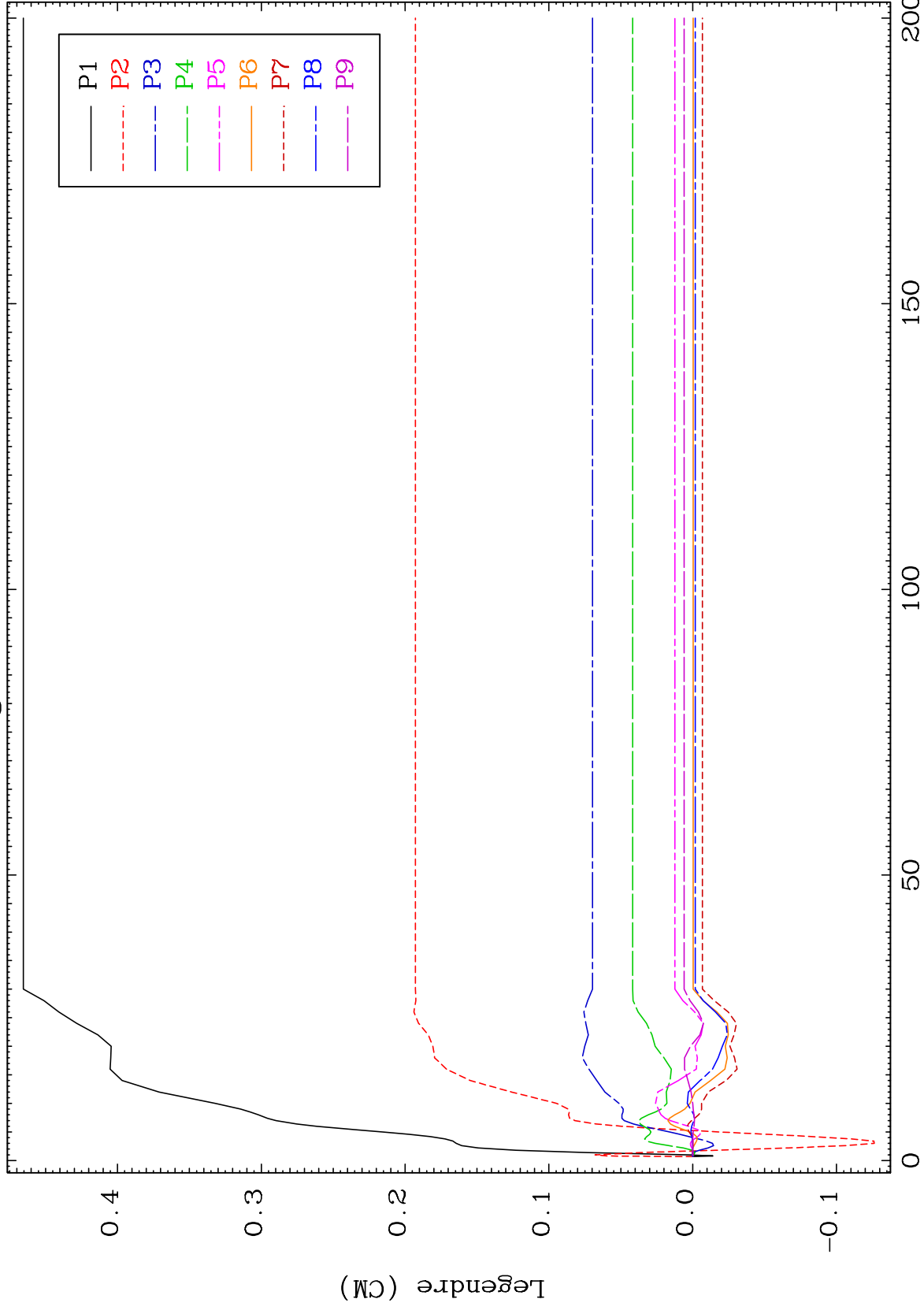


86

MAT 5992

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

60-Nd-131



60-Nd-131

Incident Energy (MeV)

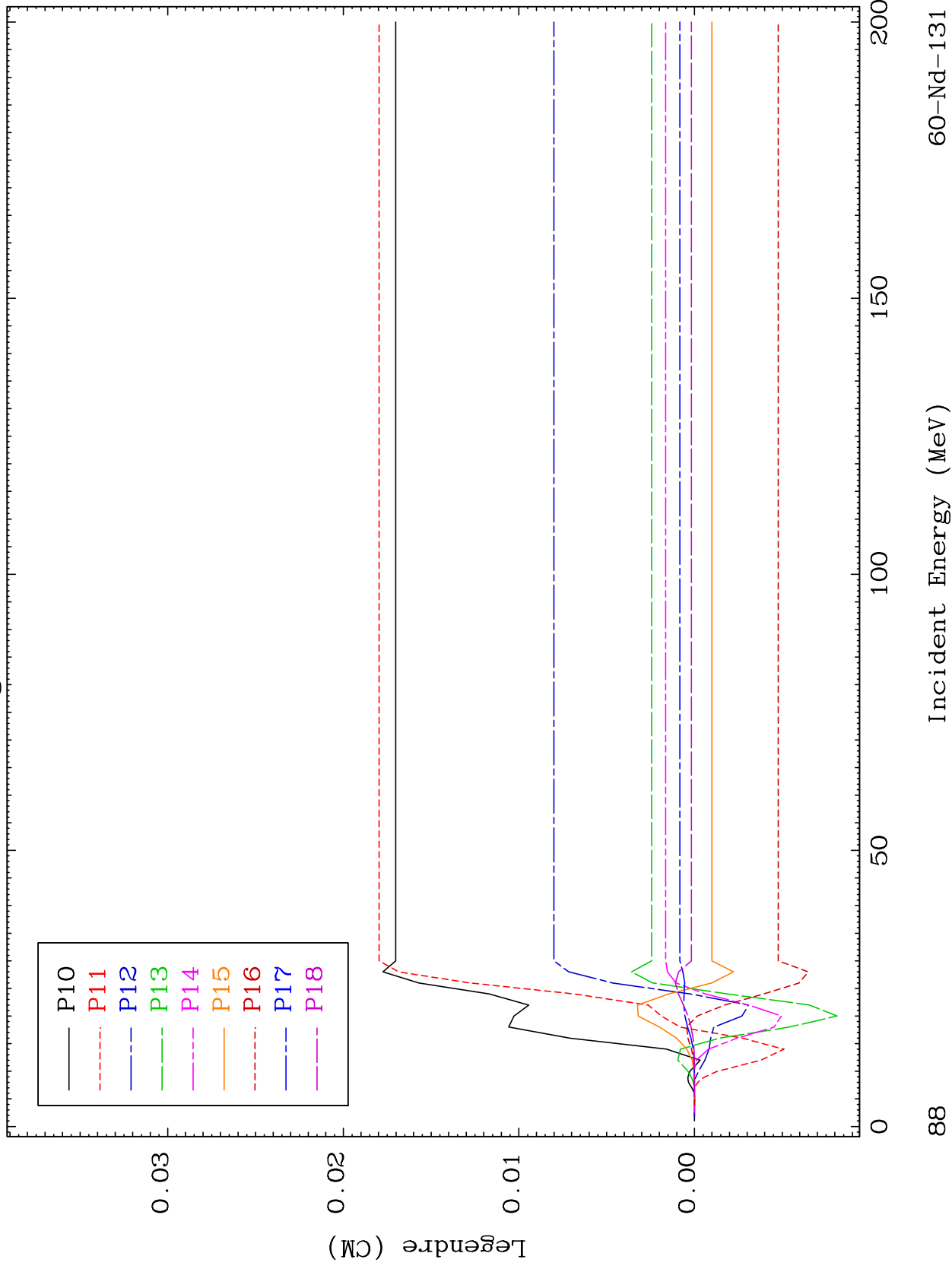
87



MAT 5992

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

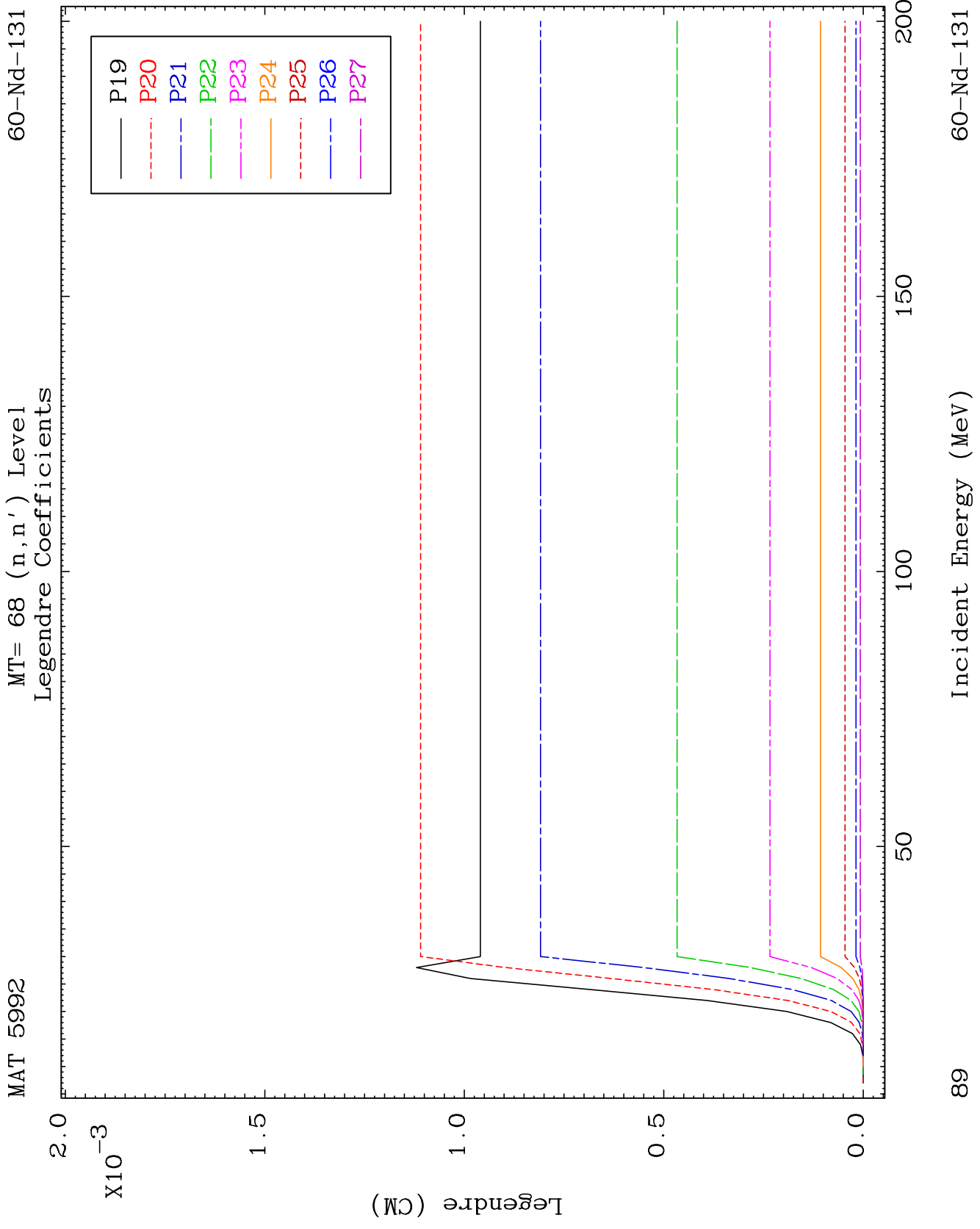
60-Nd-131



60-Nd-131

Incident Energy (MeV)

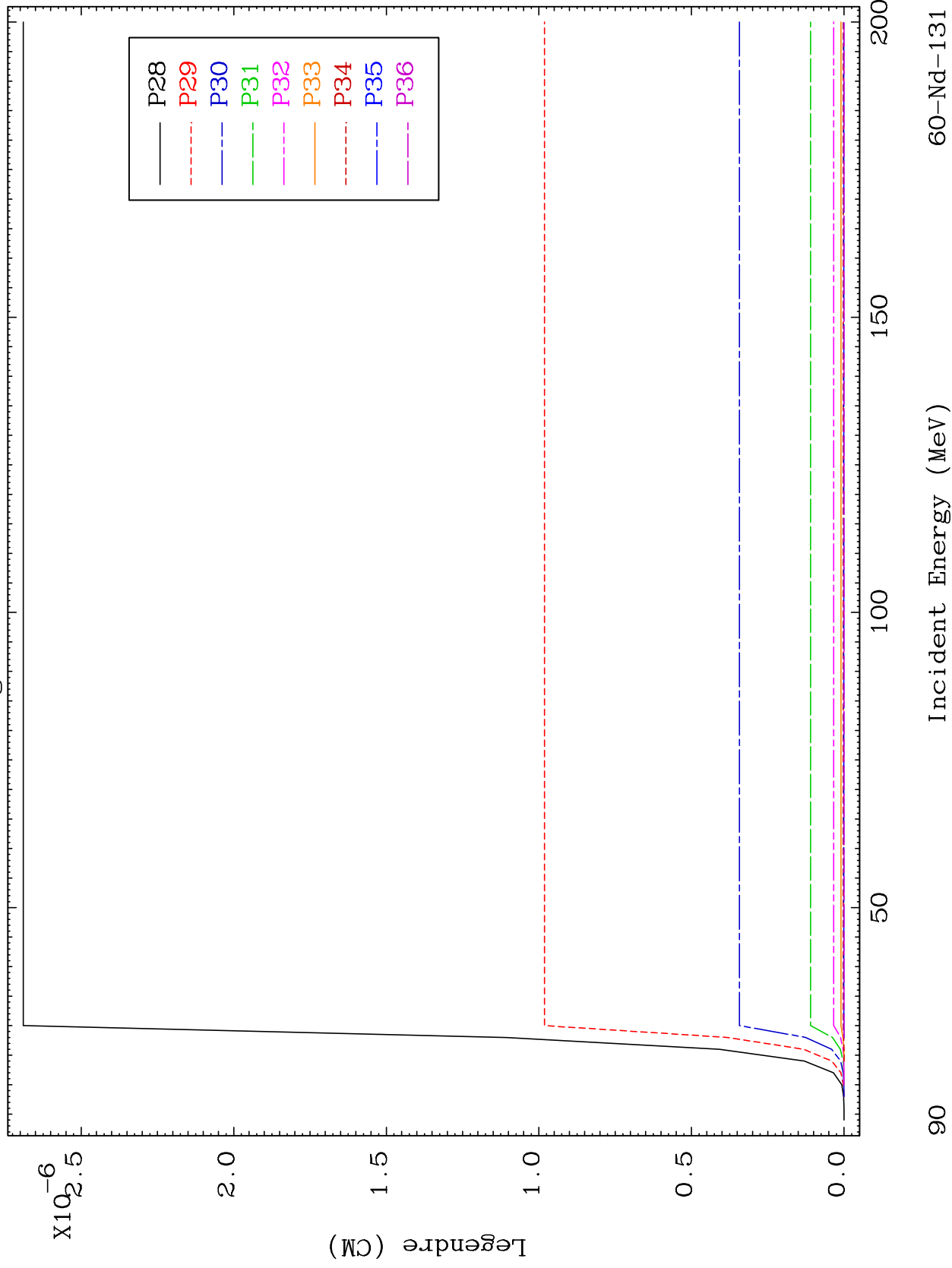
88



MAT 5992

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

60-Nd-131

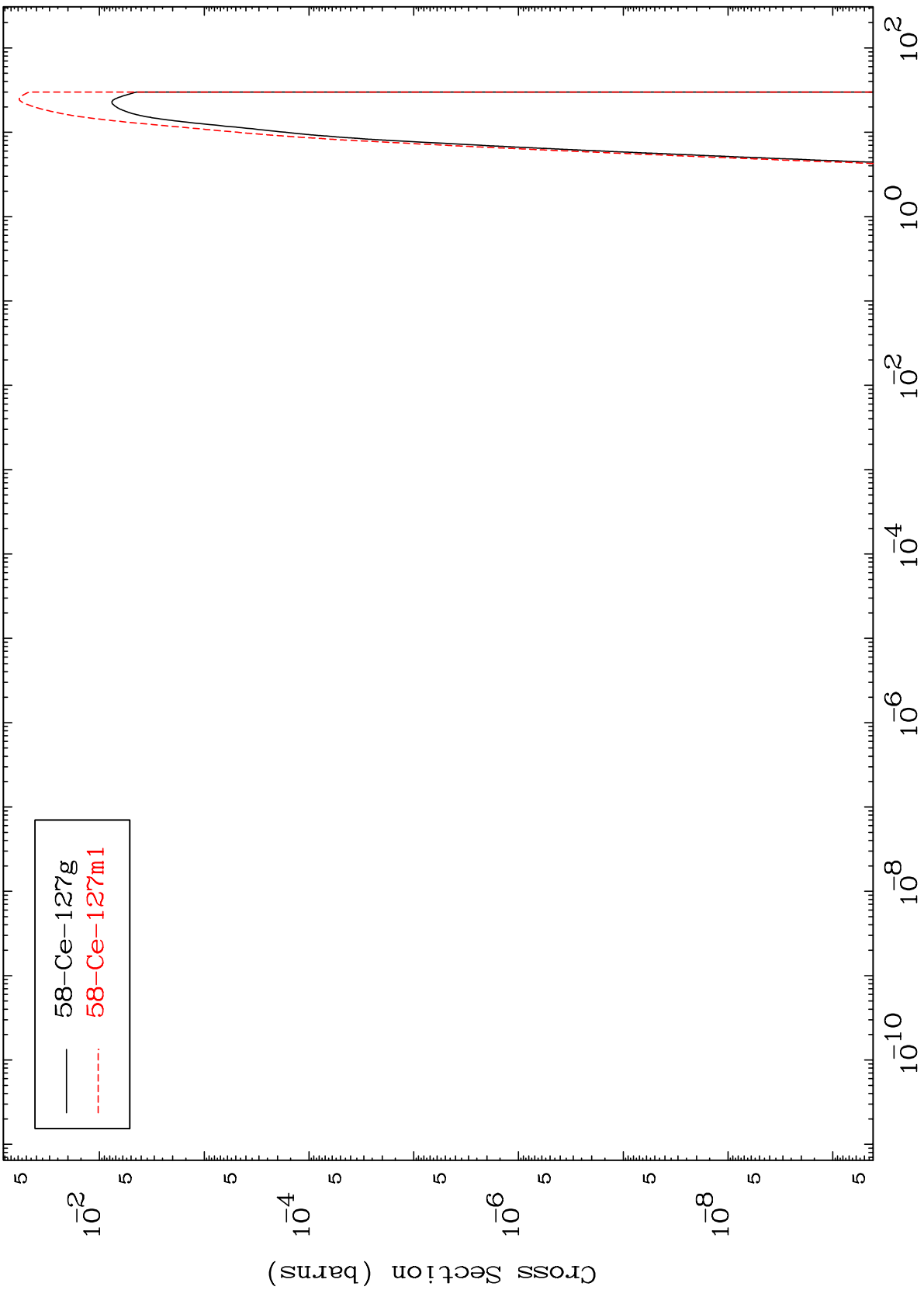


MAT 5992

$(n, n')$   $\alpha$

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

Radionuclide Production Cross Section

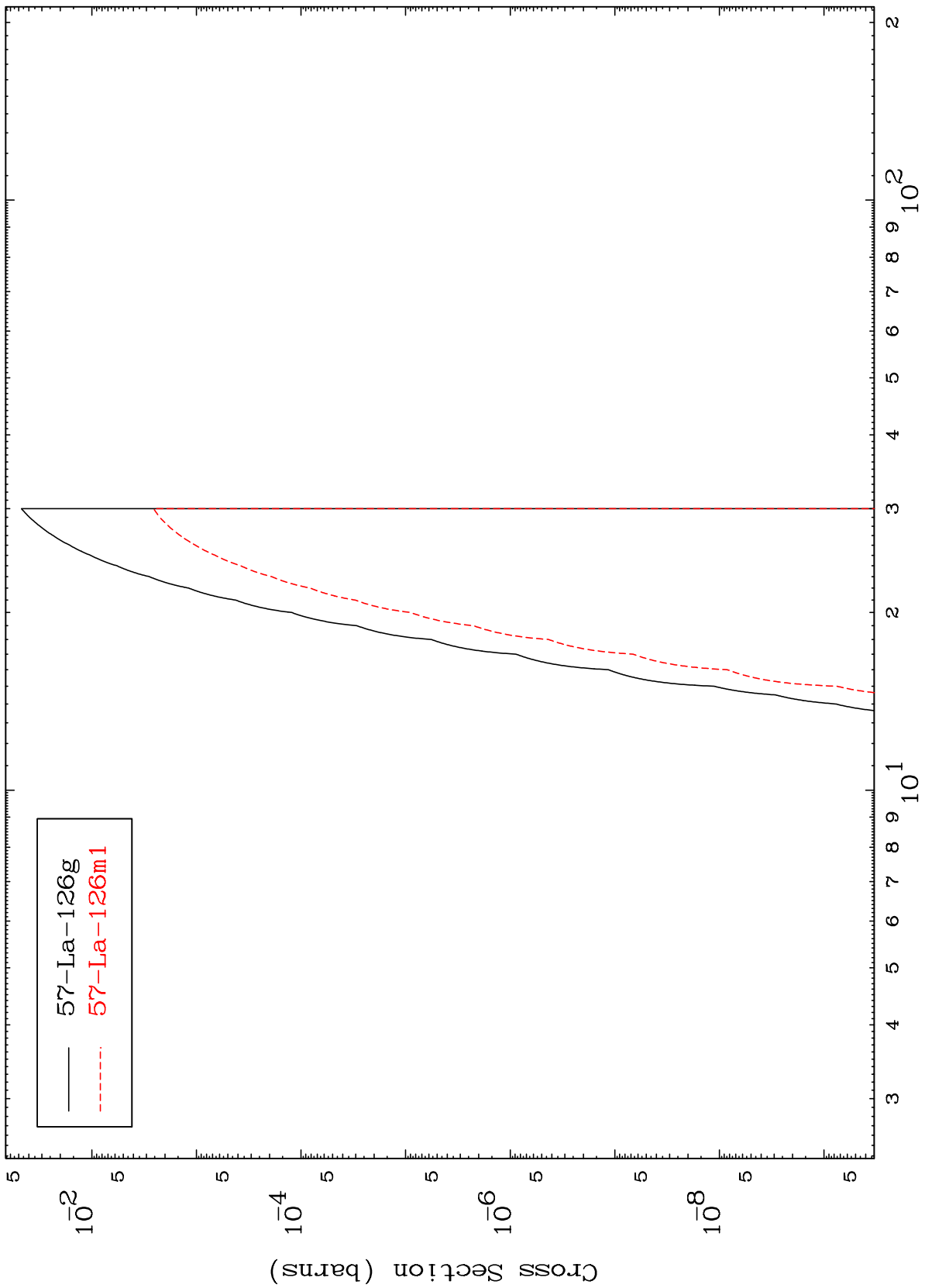


MAT 5992

(n,n') p  $\alpha$

60-Nd-131

Radionuclide Production Cross Section



57-La-126g  
57-La-126m1

92

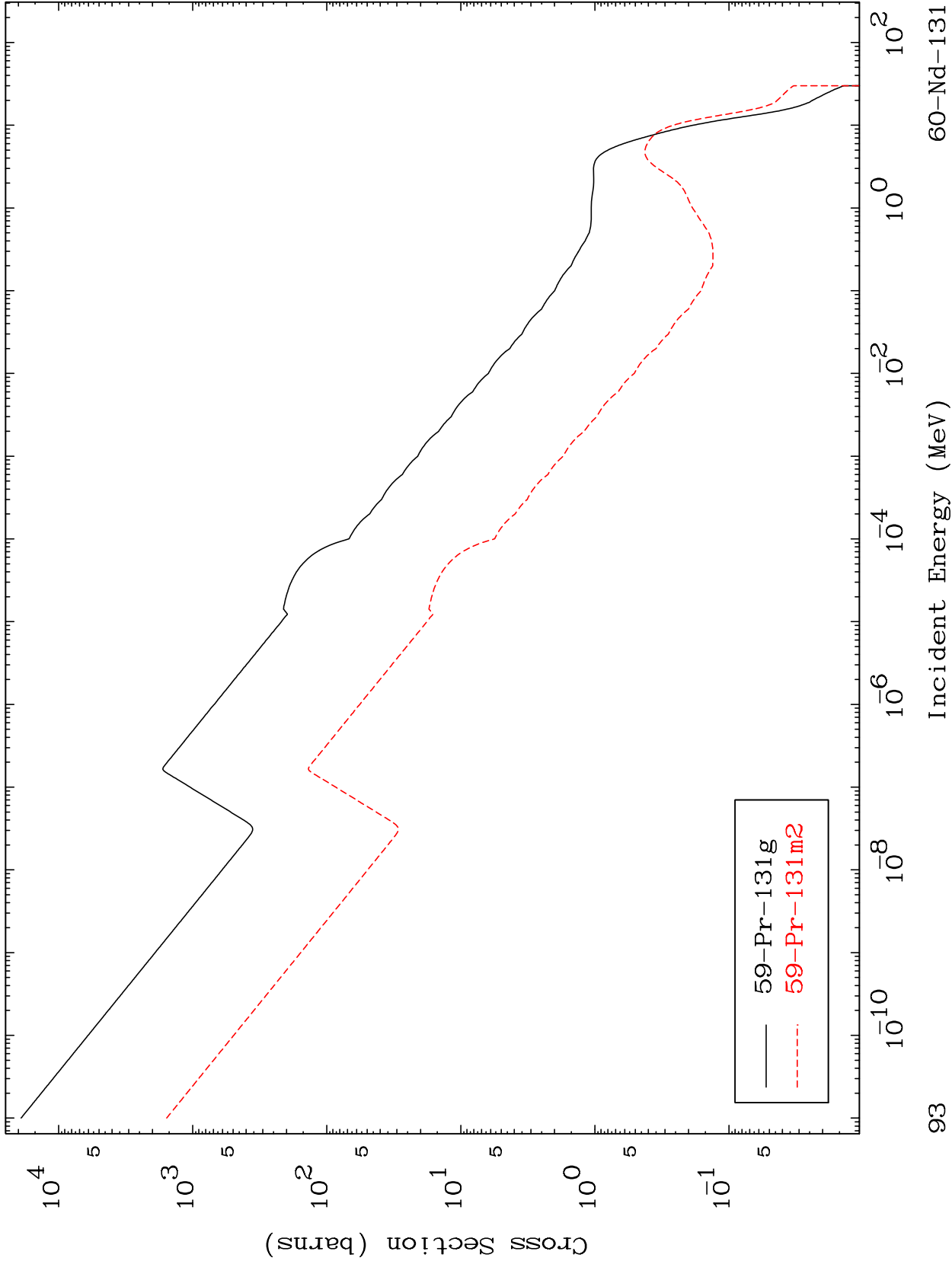
Incident Energy (MeV)

60-Nd-131

MAT 5992

60-Nd-131

(n,p)  
Radionuclide Production Cross Section



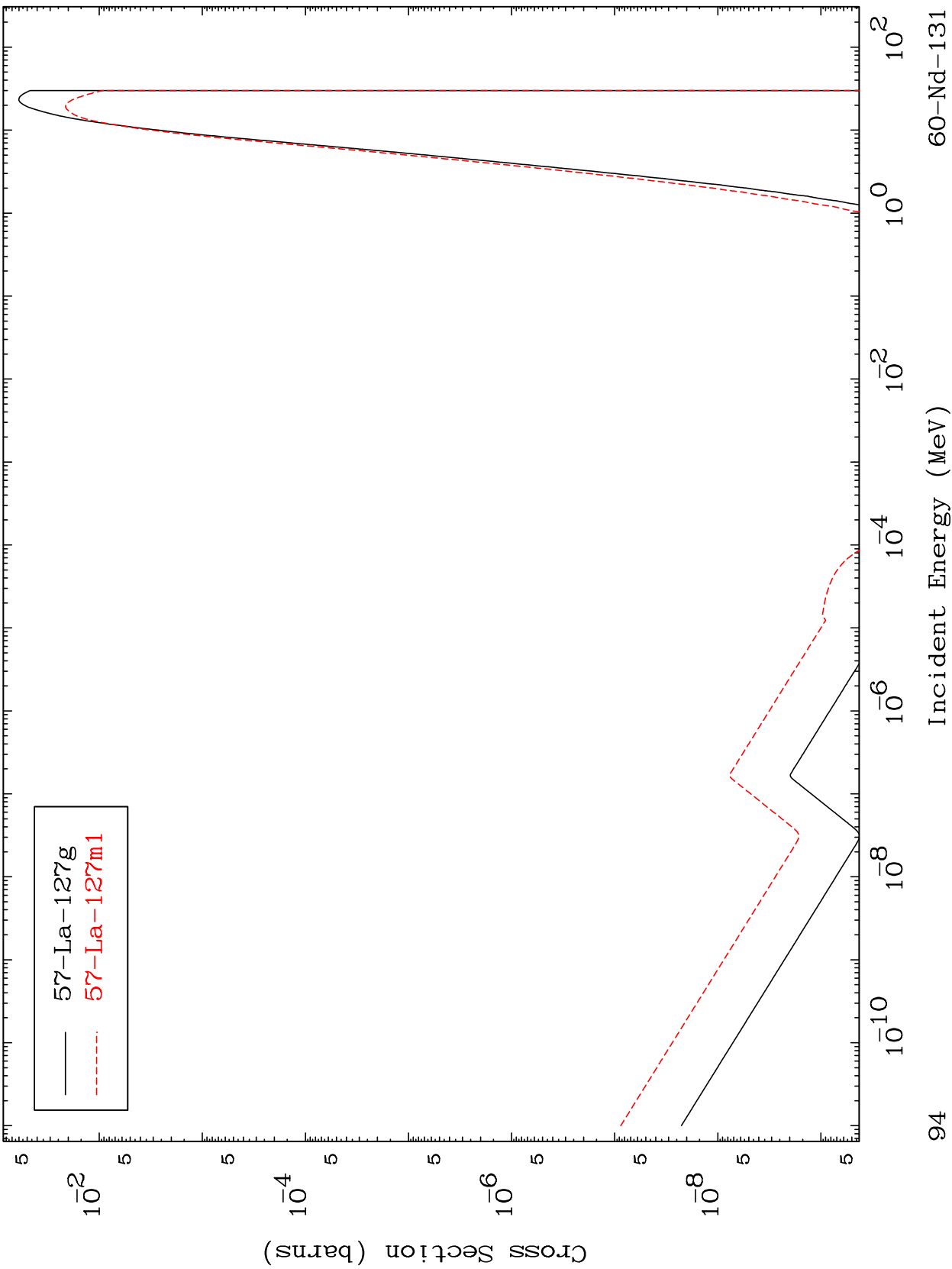
— 59-Pr-131g  
- - - 59-Pr-131m2

MAT 5992

(n,p)  $\alpha$

60-Nd-131

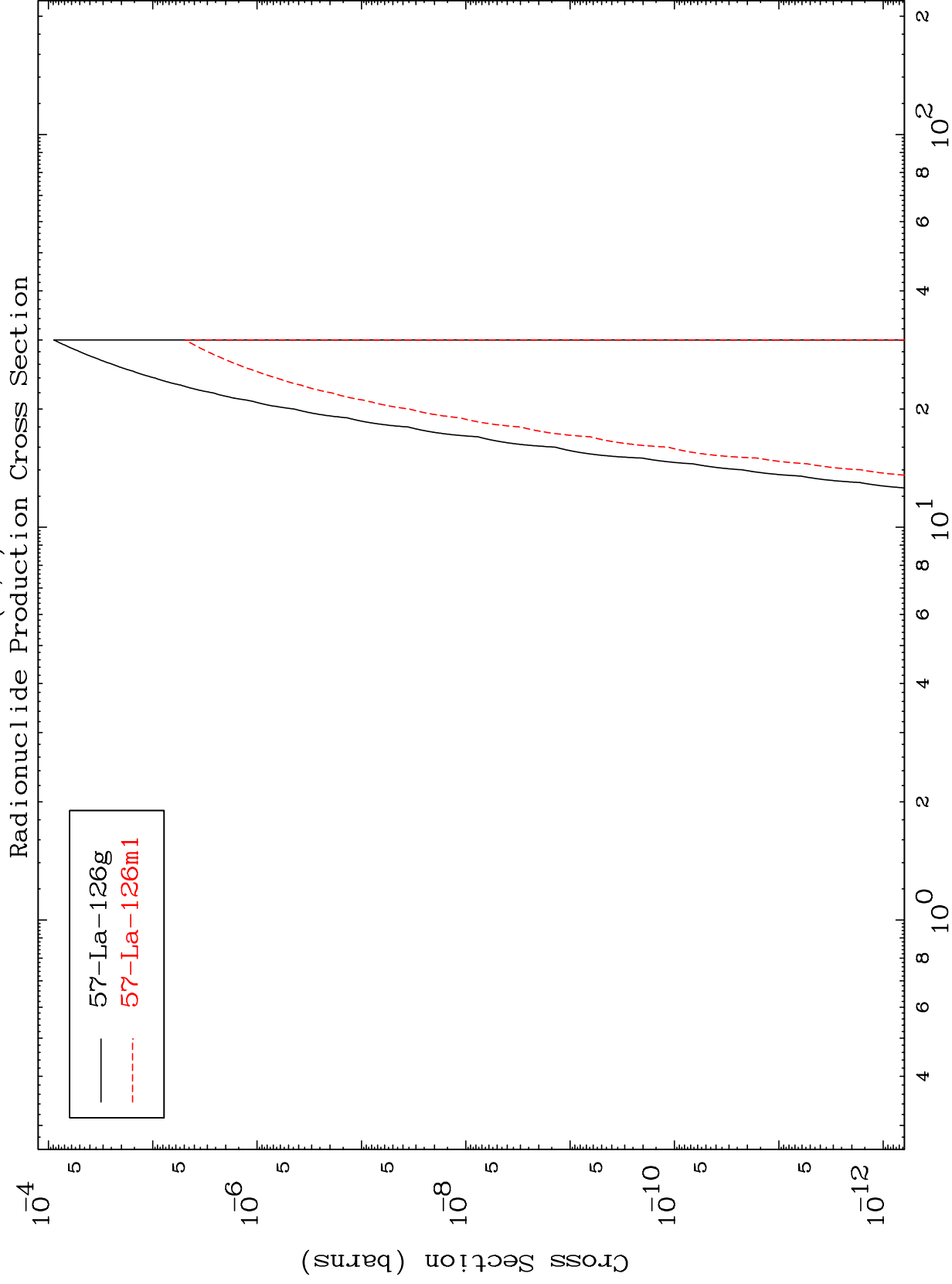
Radionuclide Production Cross Section



MAT 5992

(n,d)  $\alpha$

60-Nd-131



95

Incident Energy (MeV)

60-Nd-131