

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

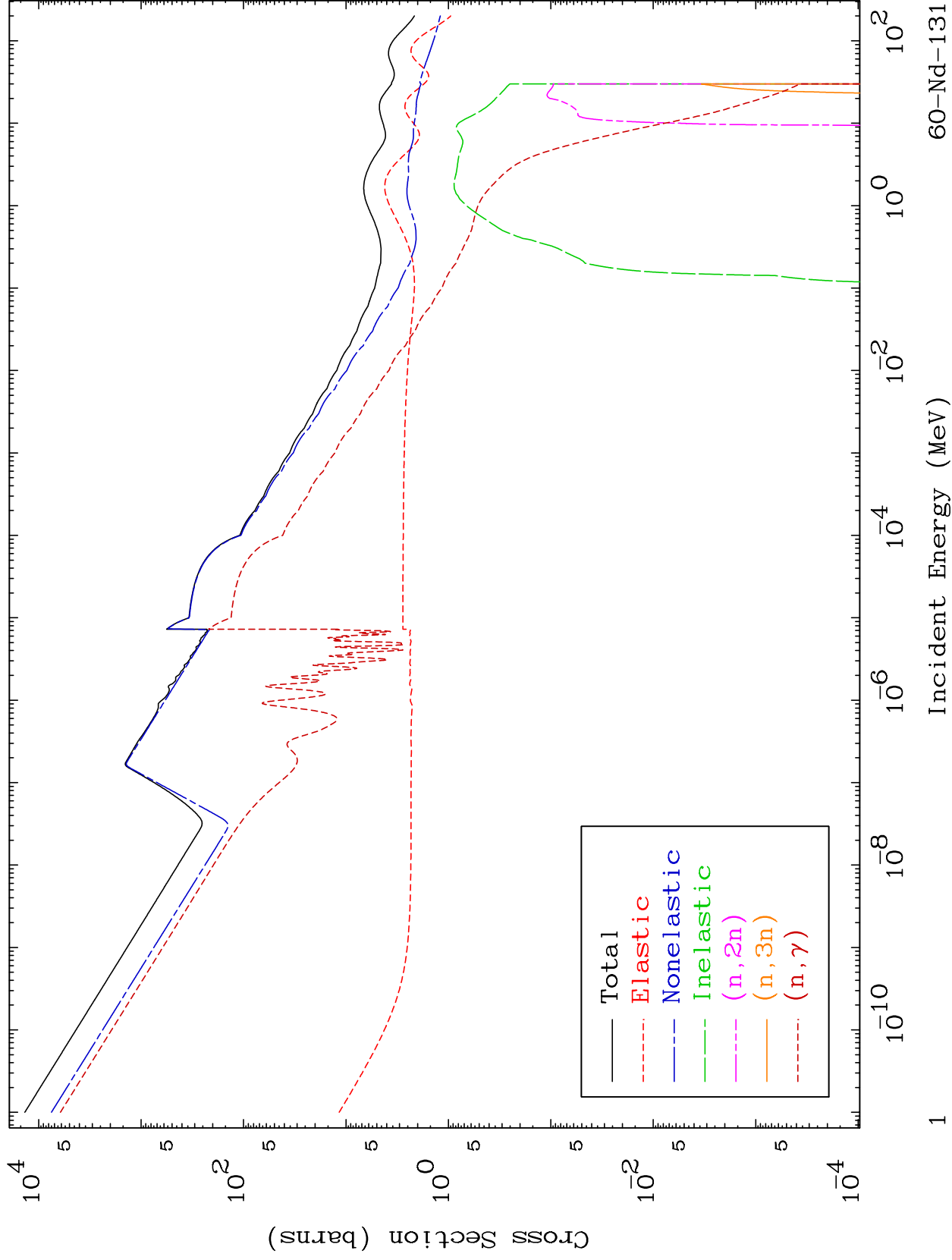
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Press Mouse Button to Start

MAT 5992

Neutron Major
293 Kelvin Cross Sections

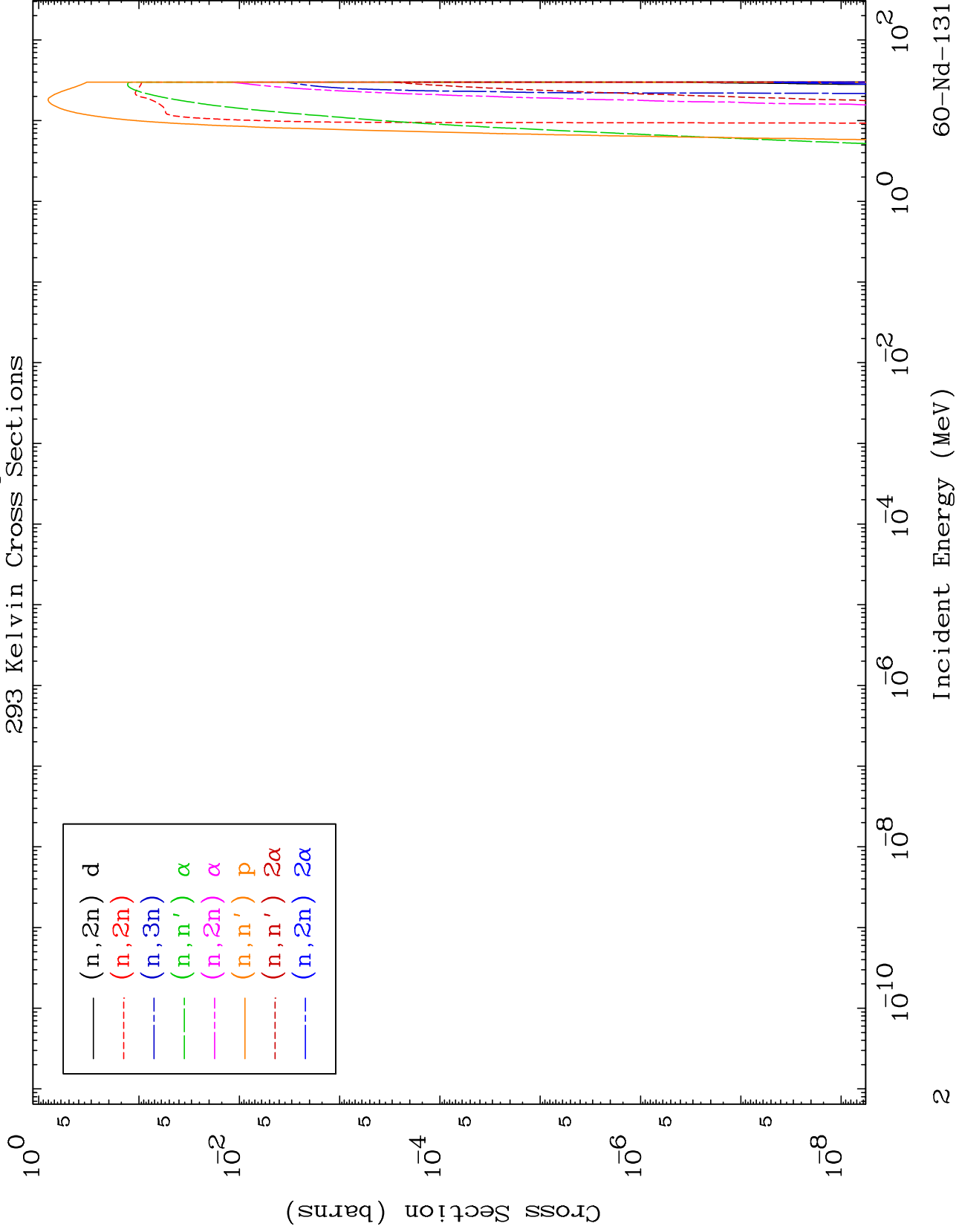
60-Nd-131



MAT 5992

Neutron Absorption
293 Kelvin Cross Sections

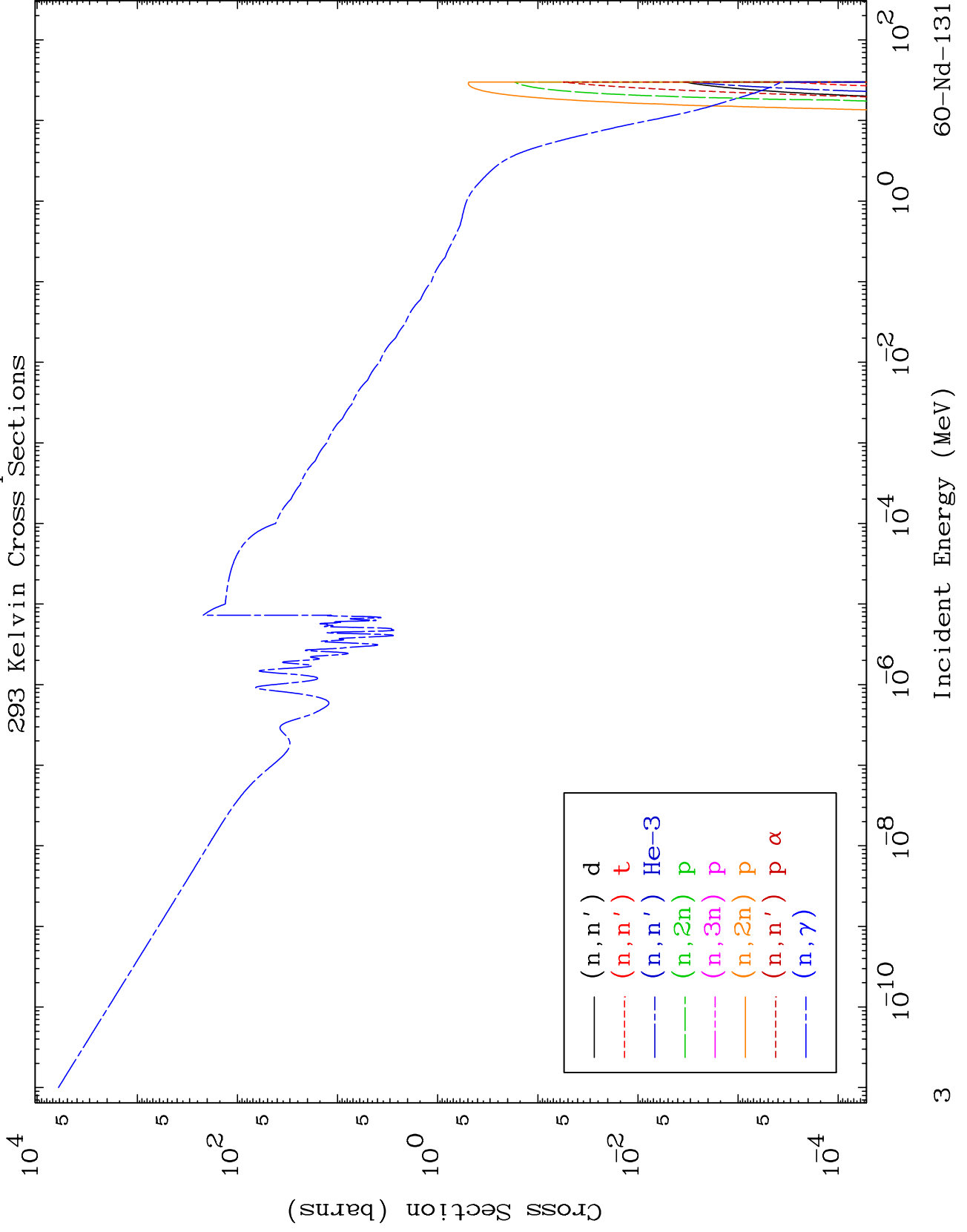
60-Nd-131



MAT 5992

Neutron Absorption
293 Kelvin Cross Sections

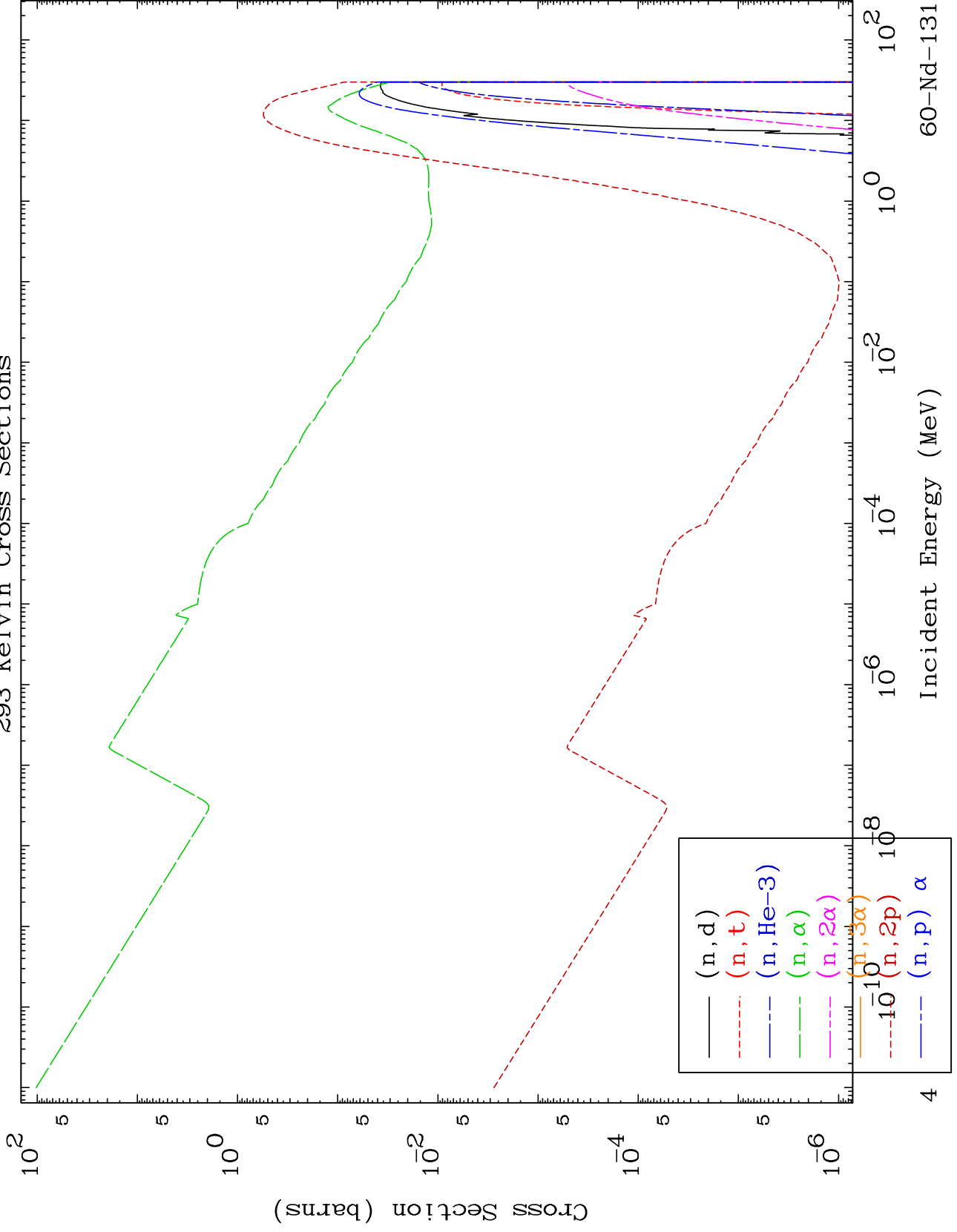
60-Nd-131



MAT 5992

Neutron Absorption
293 Kelvin Cross Sections

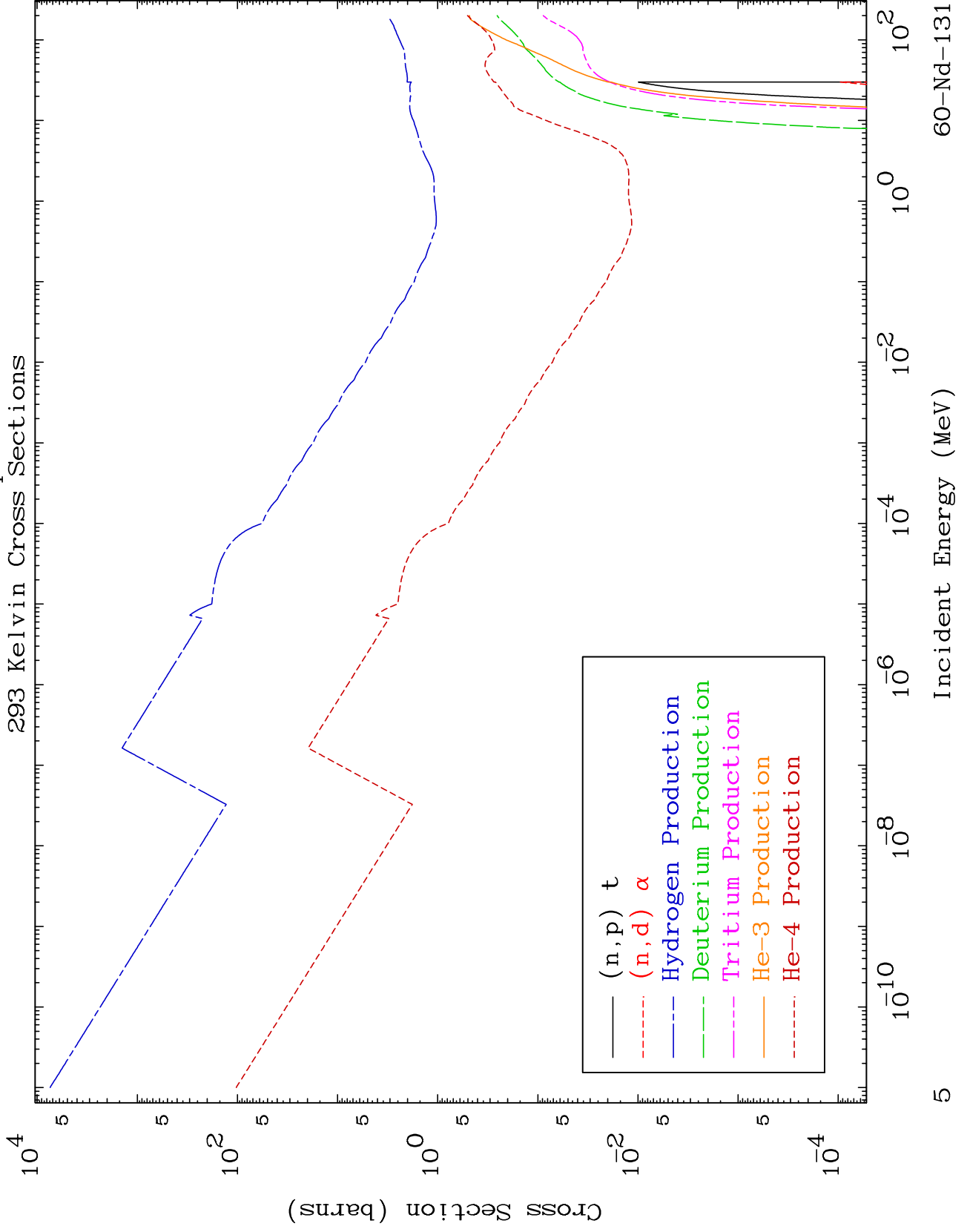
60-Nd-131



MAT 5992

Neutron Absorption
293 Kelvin Cross Sections

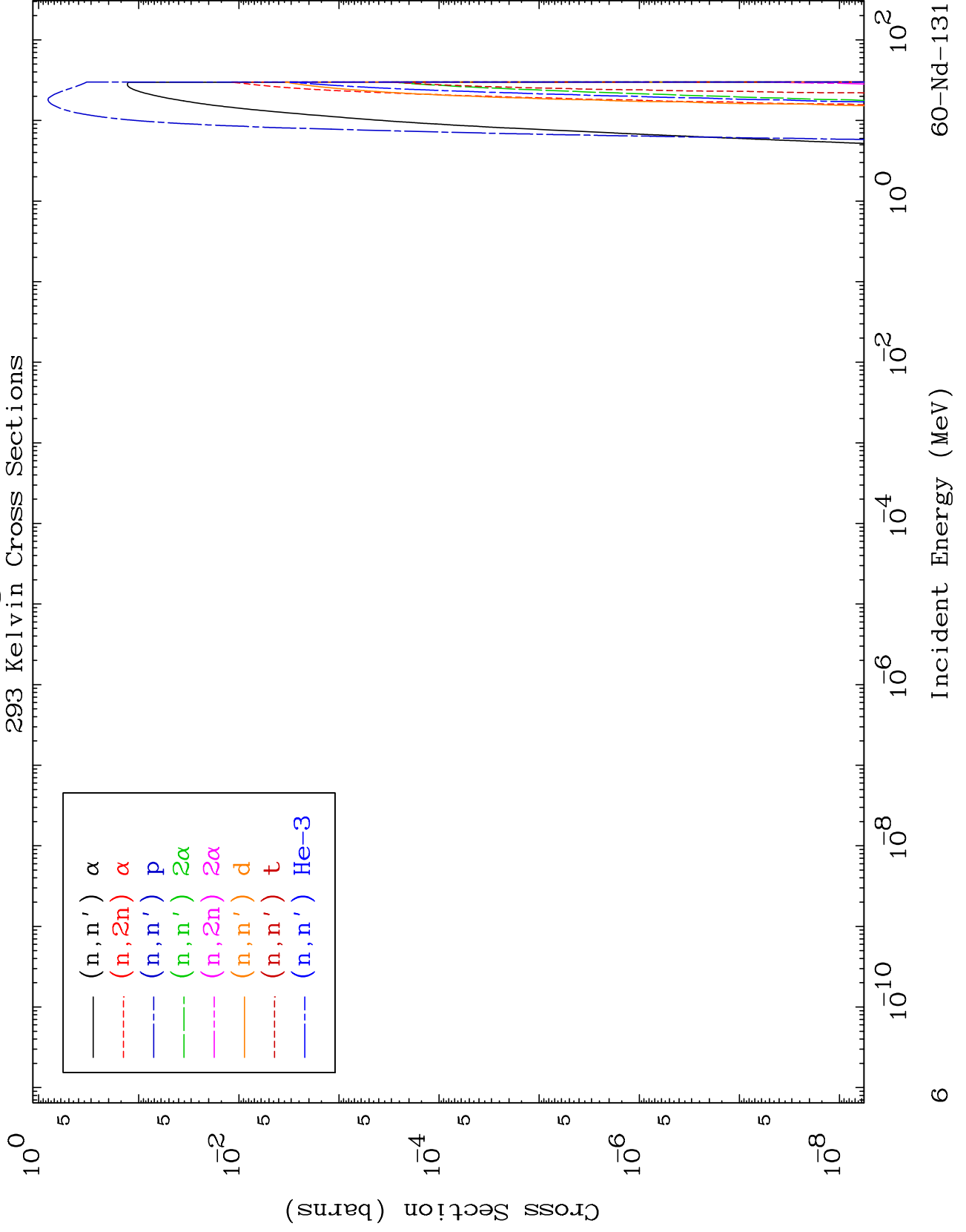
60-Nd-131



MAT 5992

Charged Particle
293 Kelvin Cross Sections

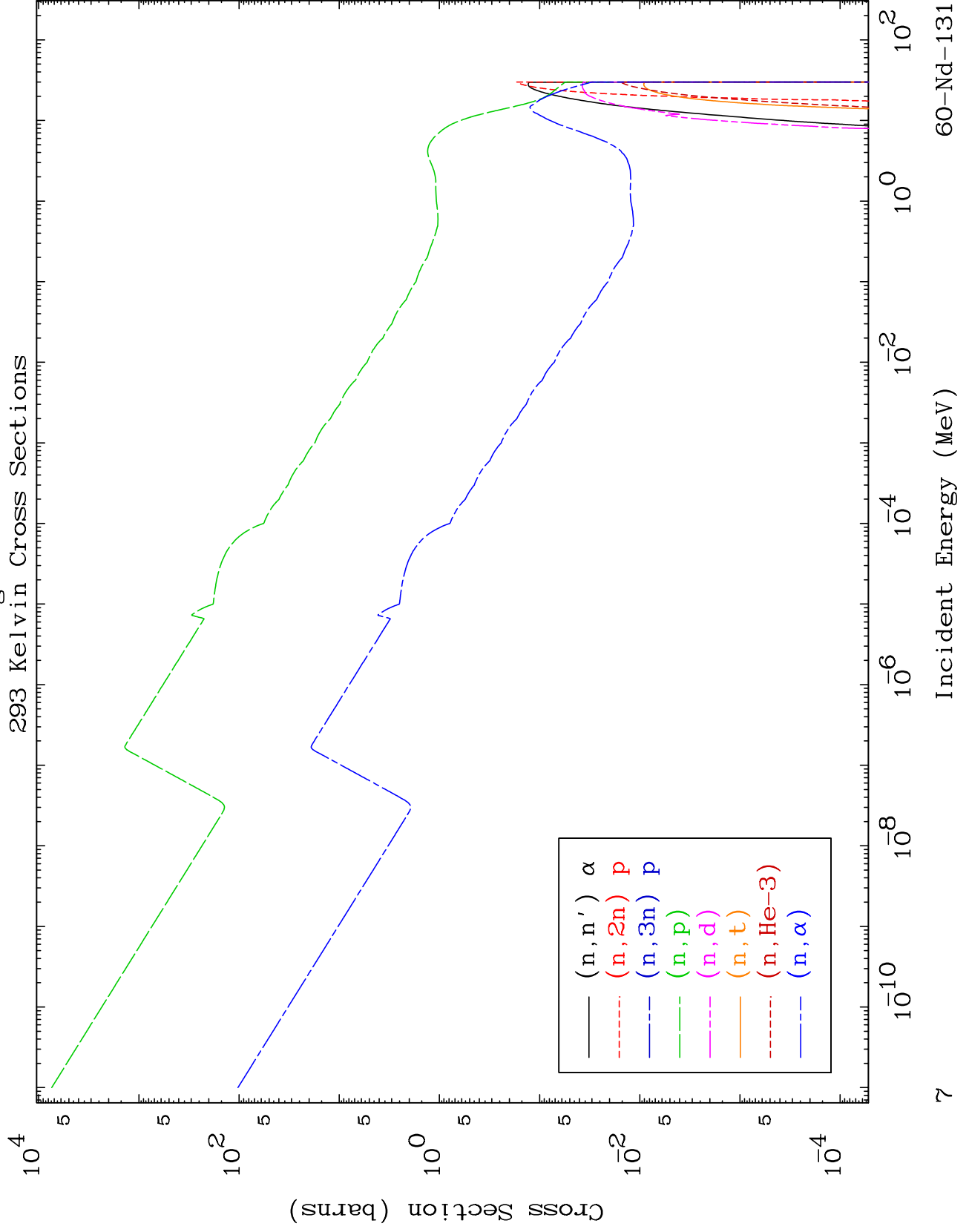
60-Nd-131



MAT 5992

Charged Particle
293 Kelvin Cross Sections

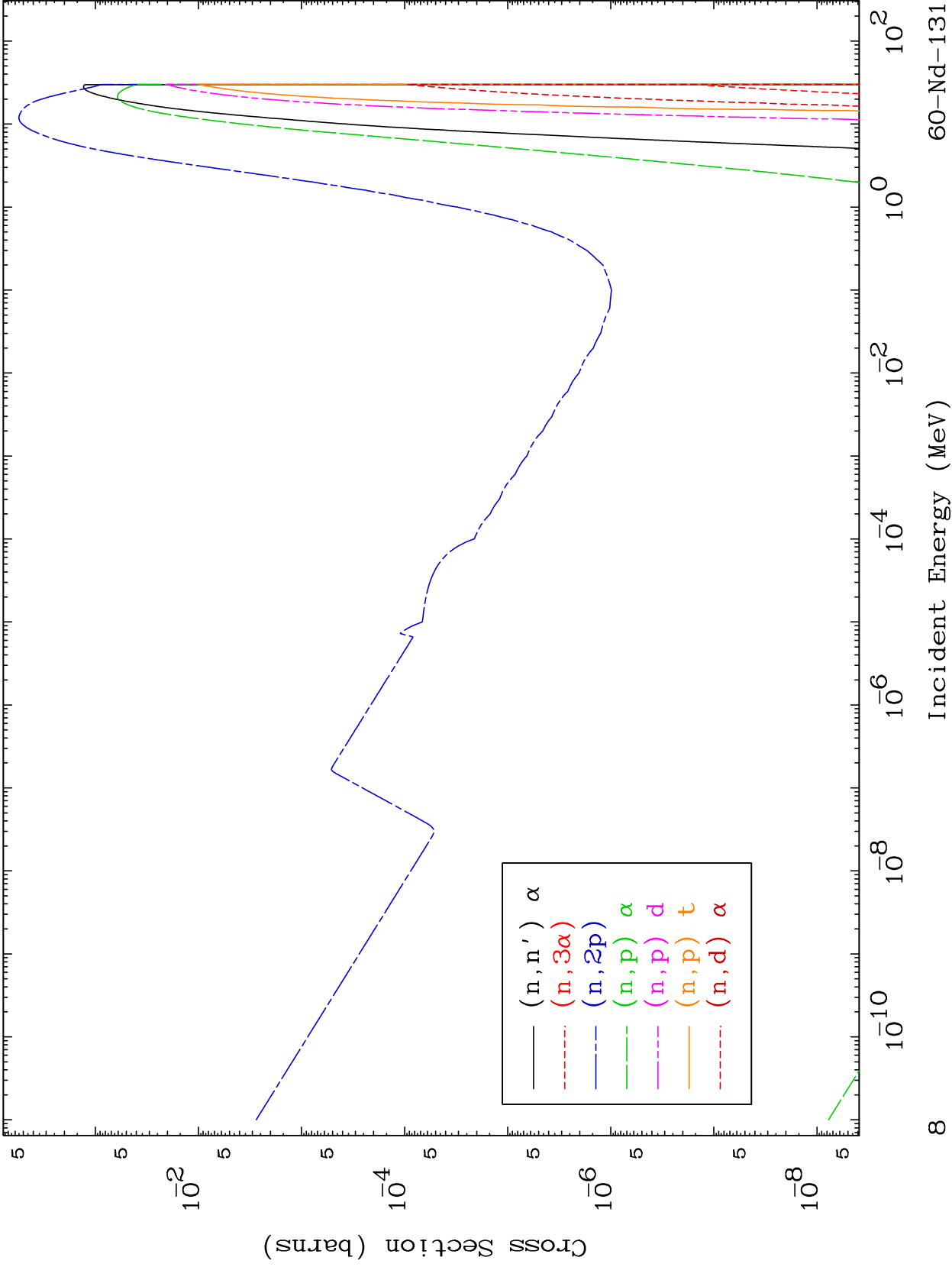
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MAT 5992

Charged Particle
293 Kelvin Cross Sections

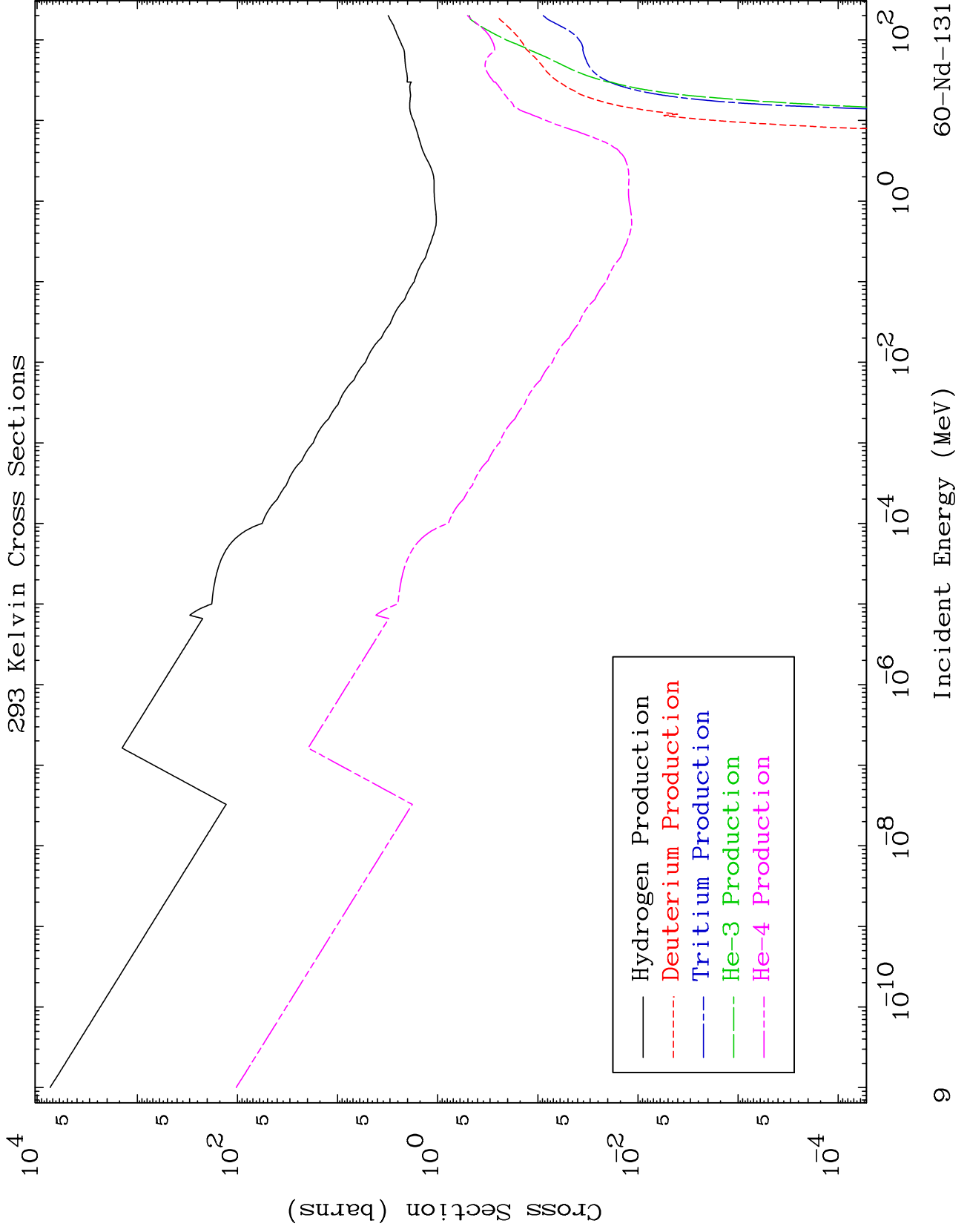
60-Nd-131



MAT 5992

Particle Production
293 Kelvin Cross Sections

60-Nd-131

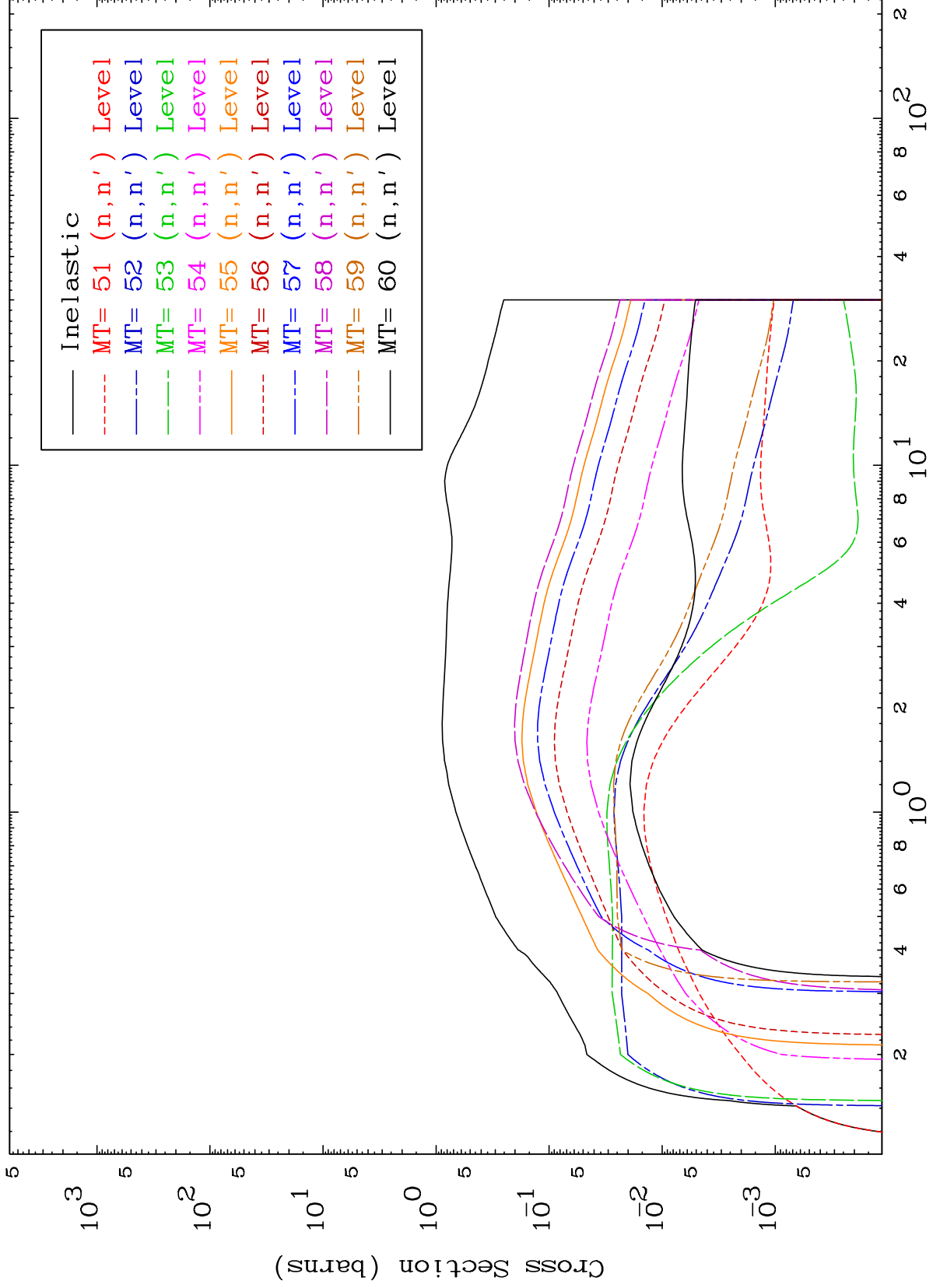


MAT 5992

(n,n') Levels

60-Nd-131

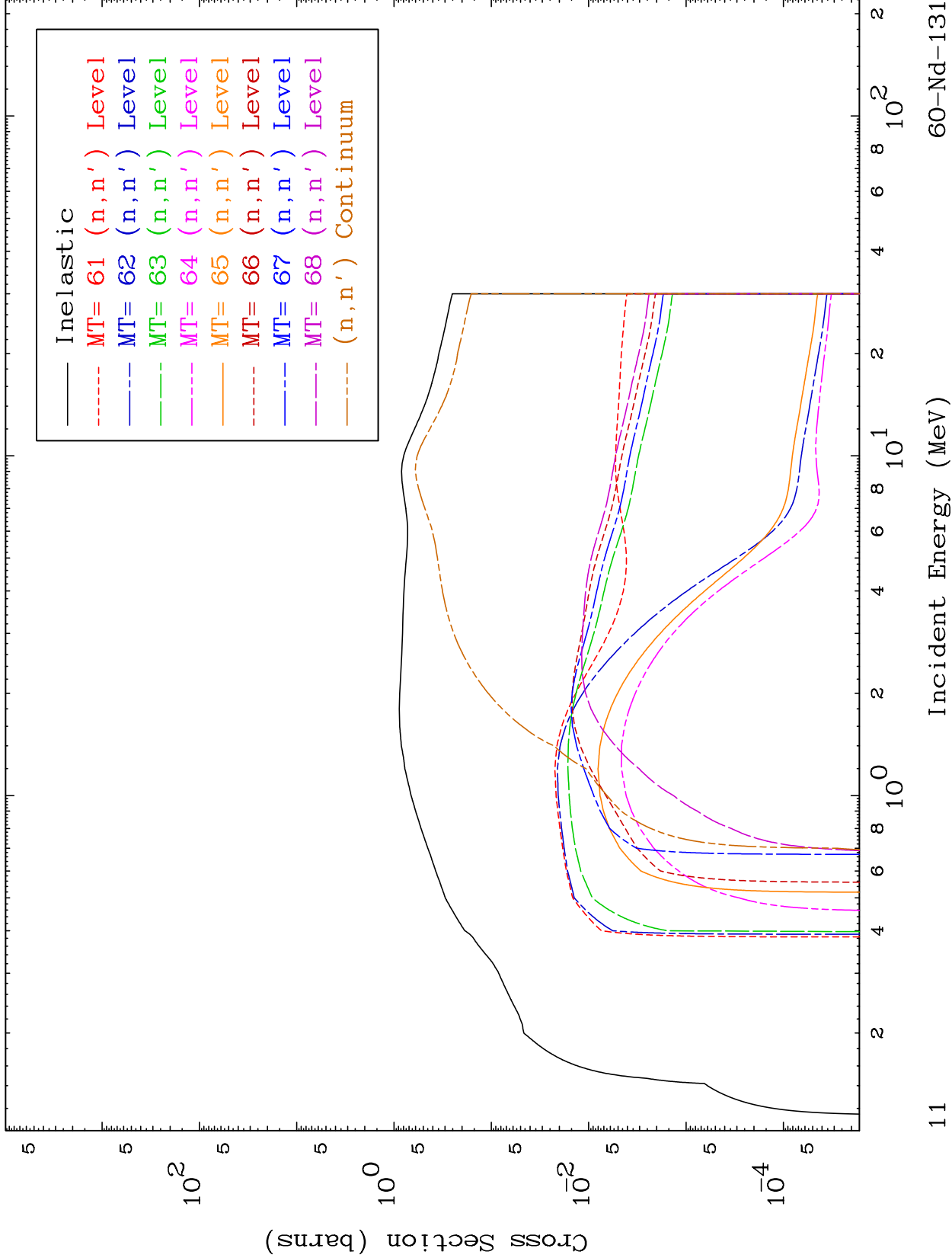
293 Kelvin Cross Sections



10

Incident Energy (MeV)

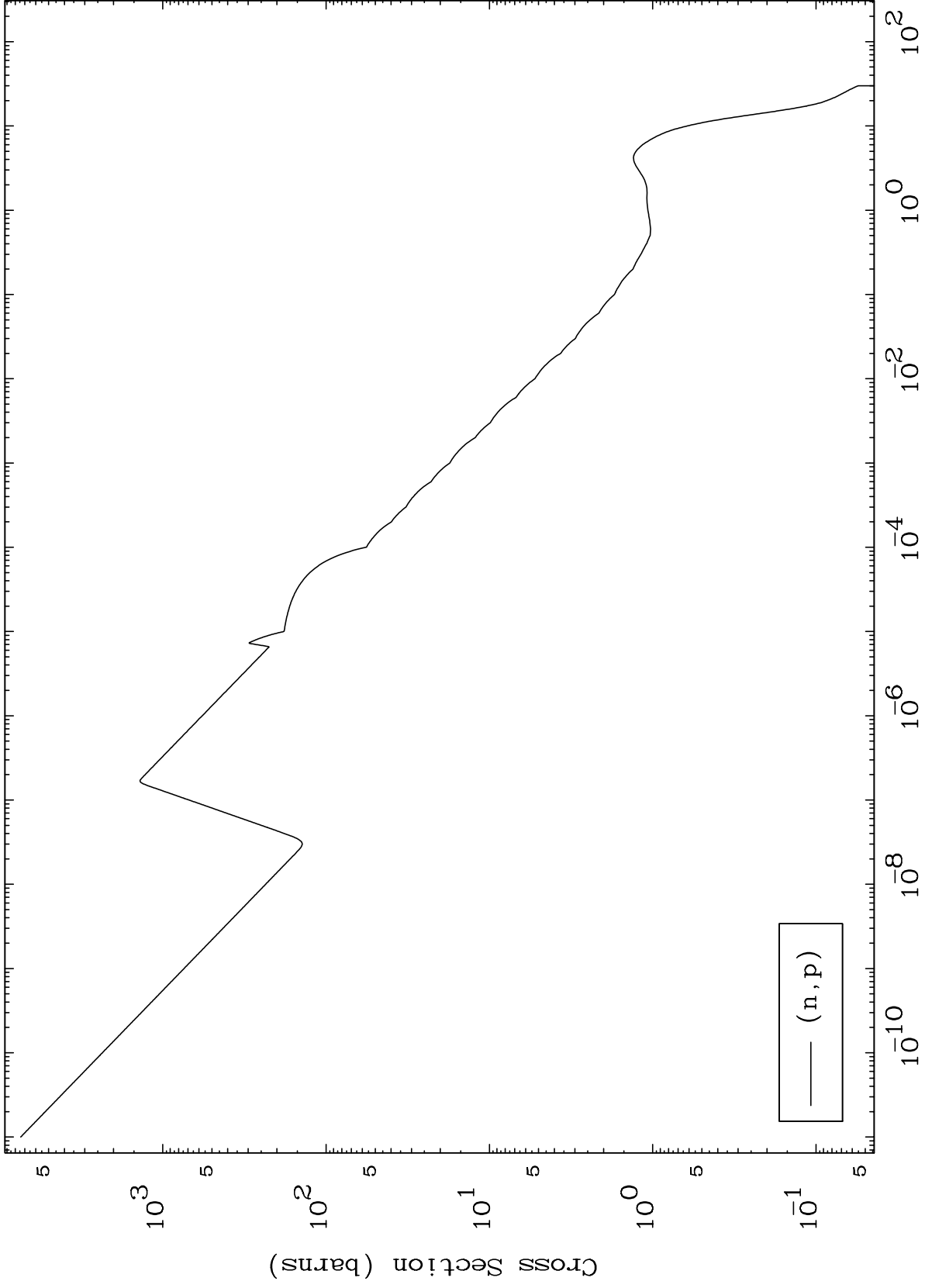
60-Nd-131



MAT 5992

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-131



12

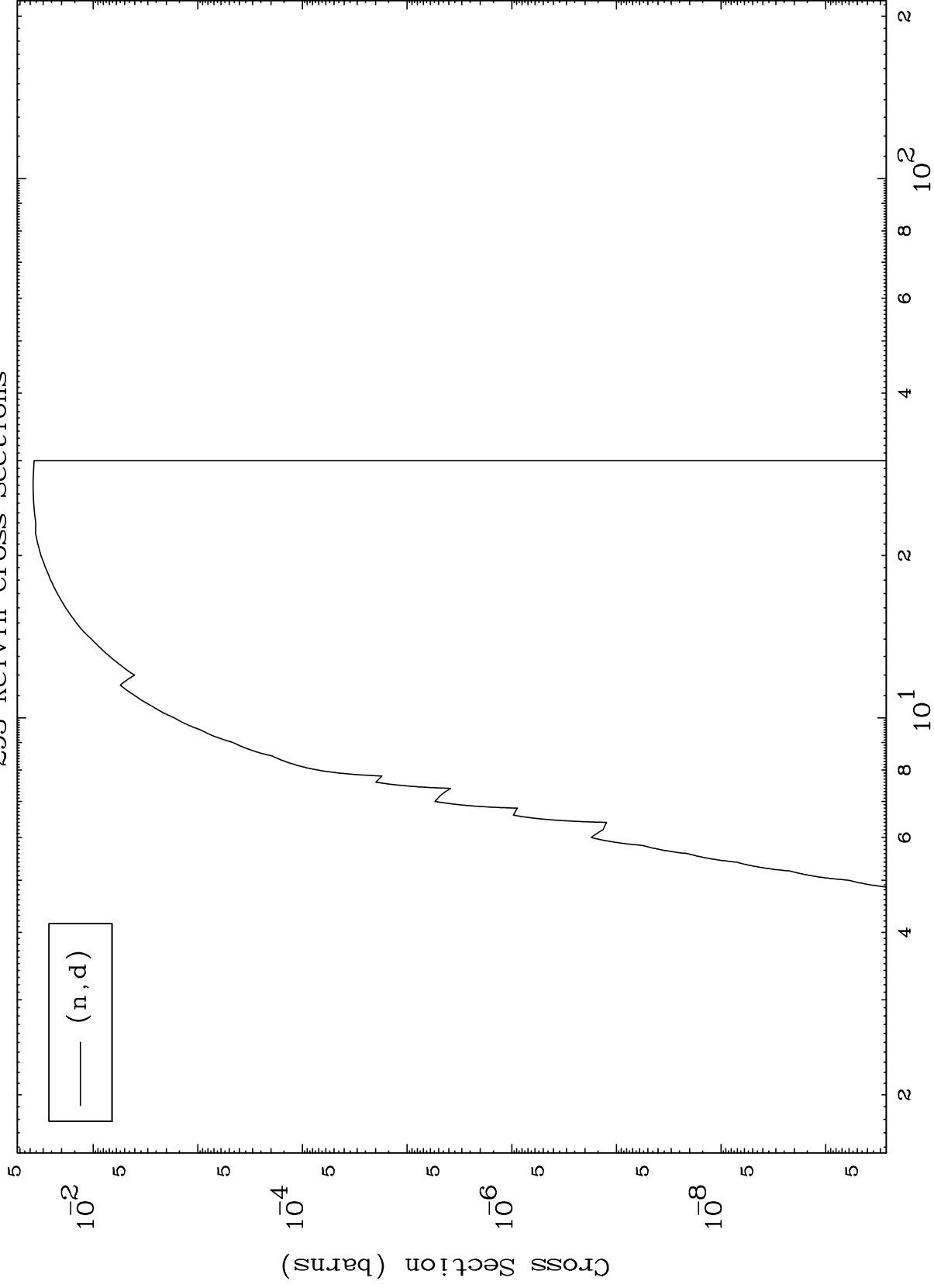
Incident Energy (MeV)

60-Nd-131

MAT 5992

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-131



13

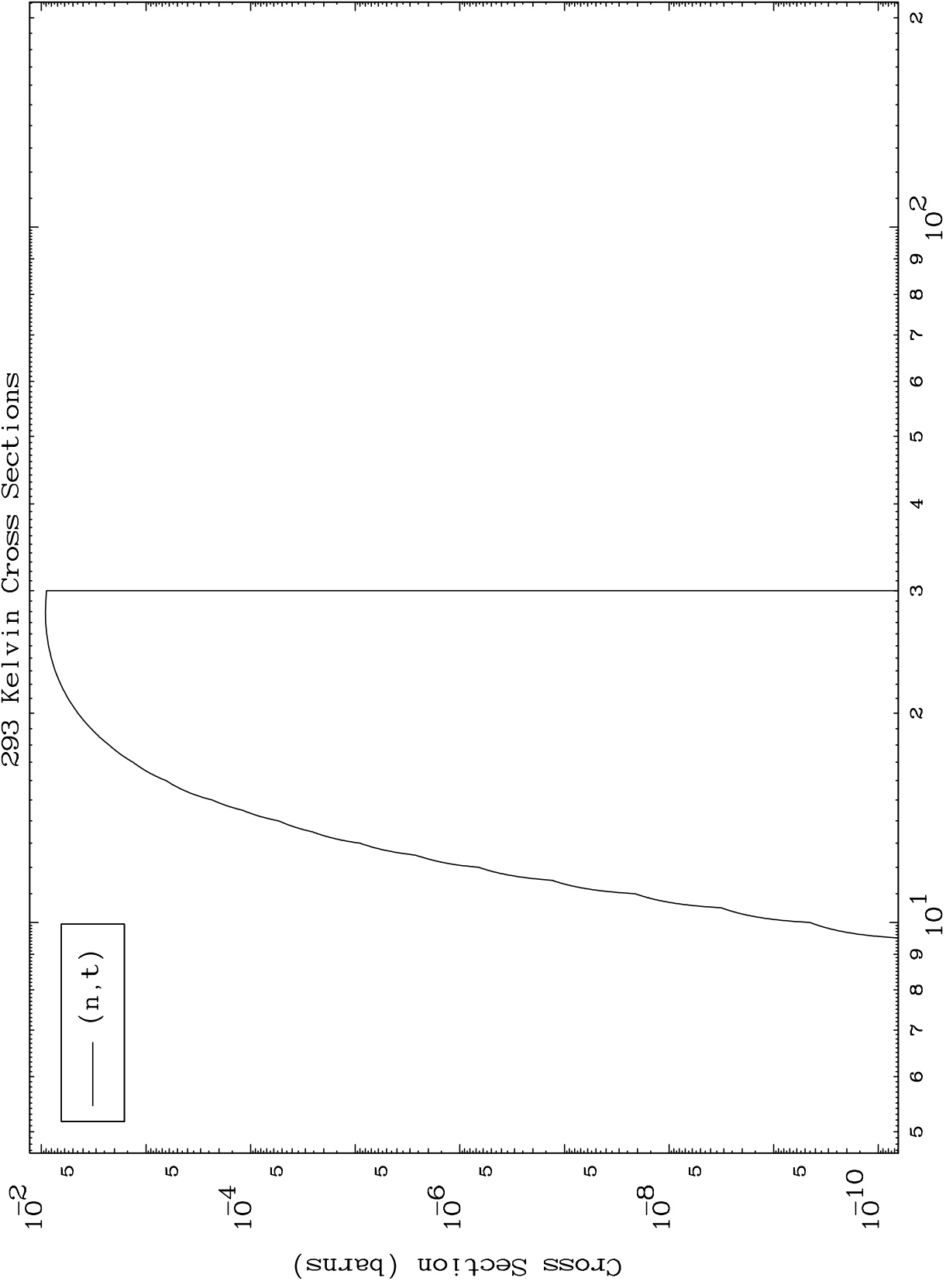
Incident Energy (MeV)

60-Nd-131

MAT 5992

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-131



14

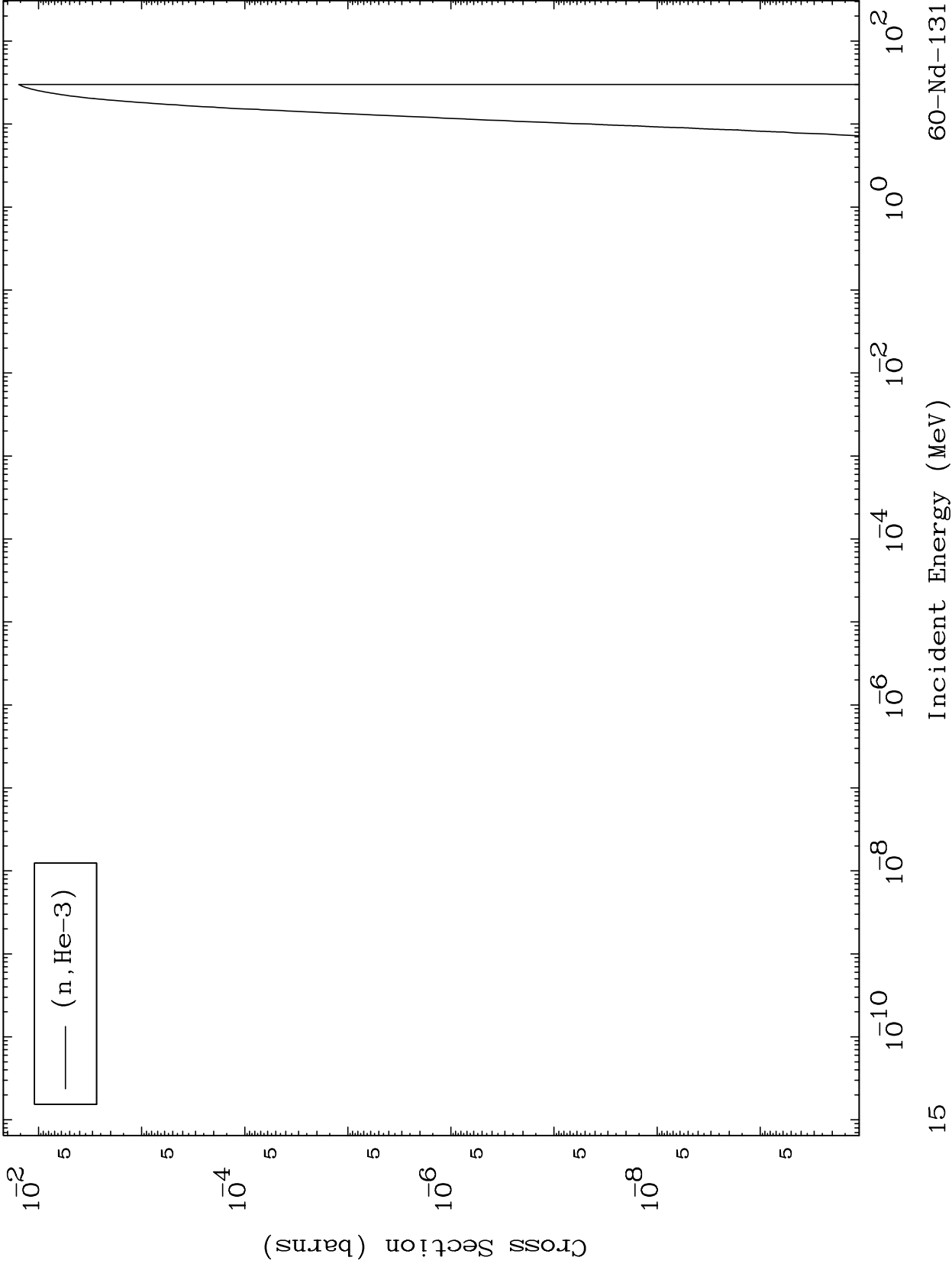
Incident Energy (MeV)

60-Nd-131

MAT 5992

(n,He3) Levels
293 Kelvin Cross Sections

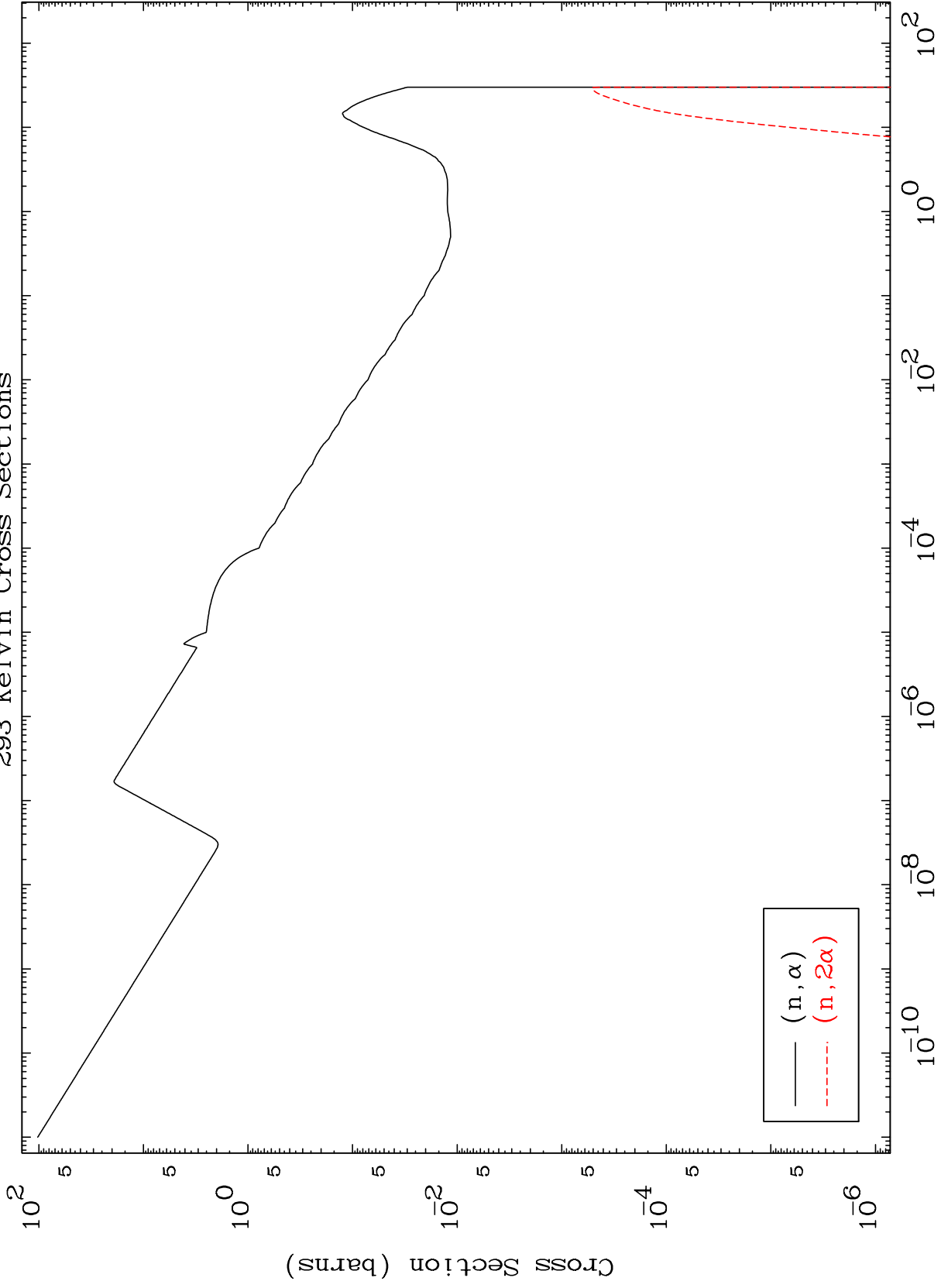
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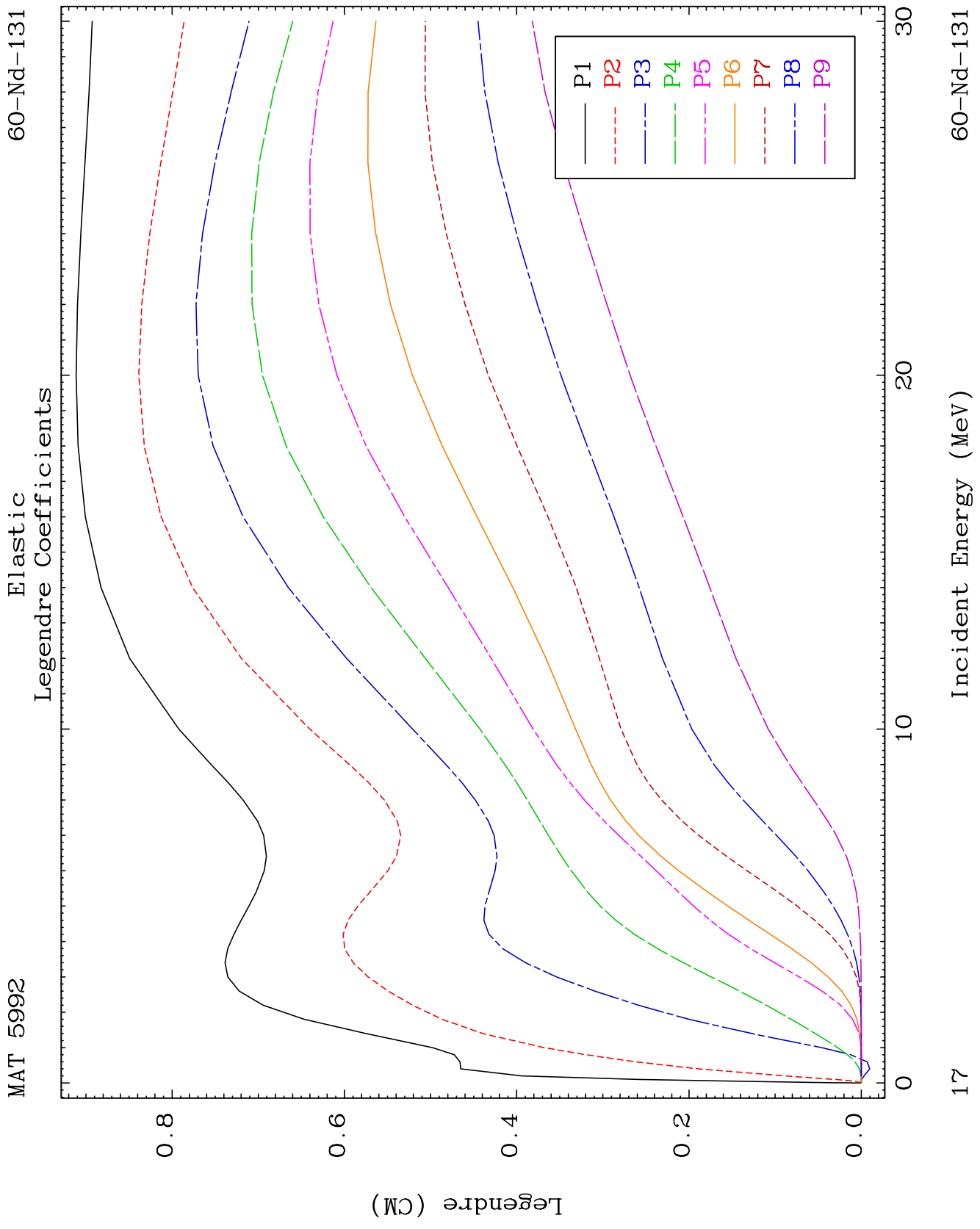


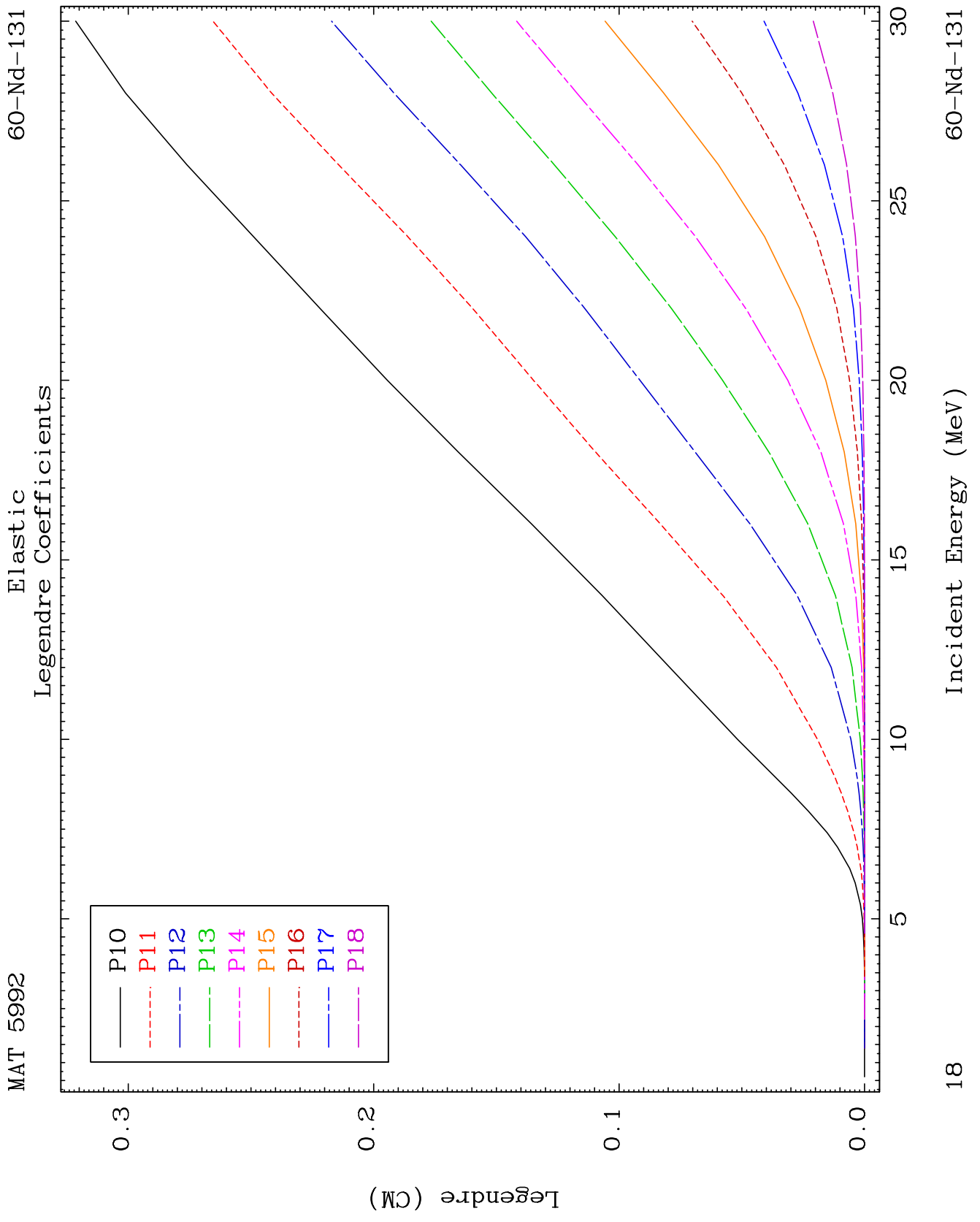
MAT 5992

(n,α) Levels
293 Kelvin Cross Sections

60-Nd-131



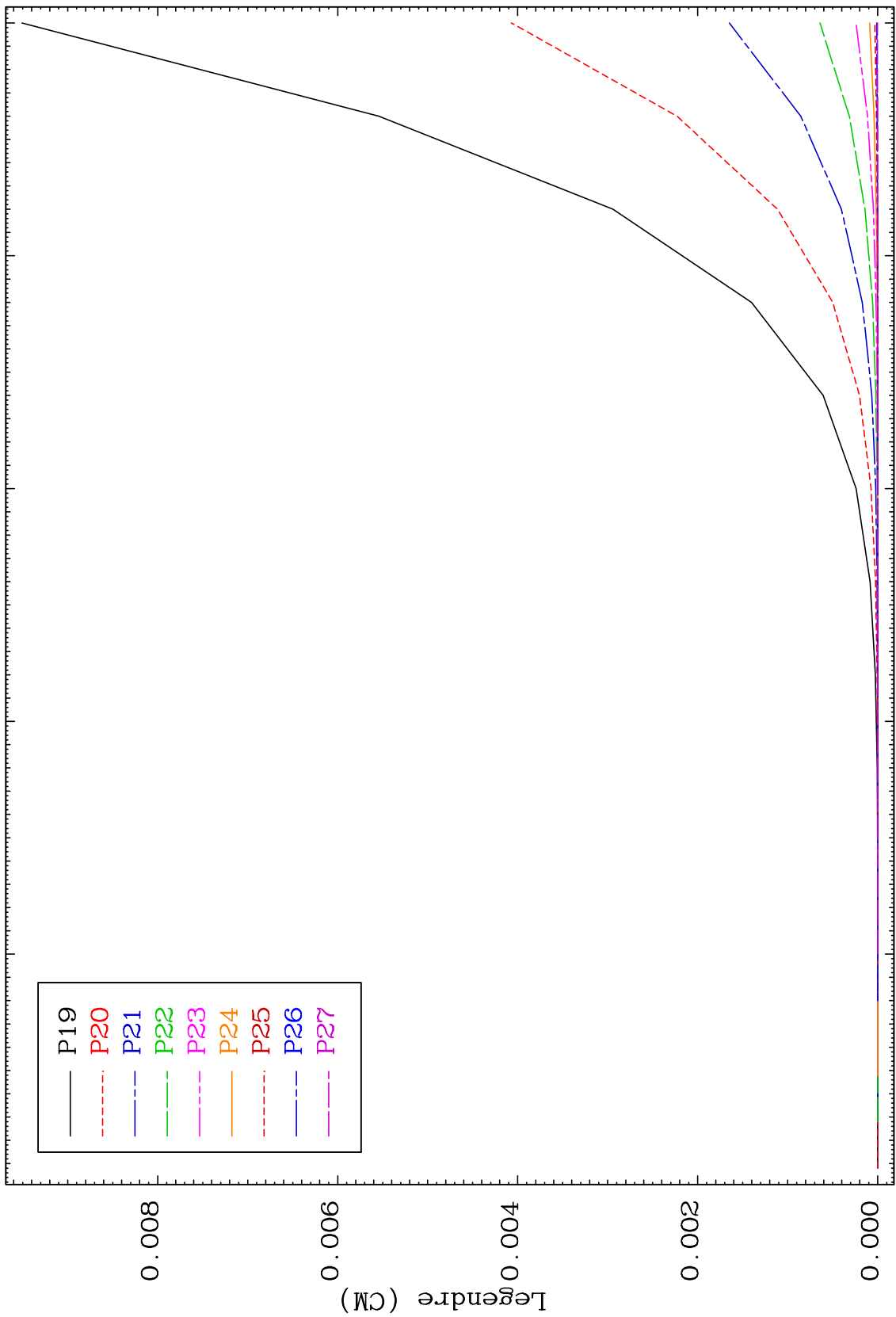




MAT 5992

Elastic Legendre Coefficients

60-Nd-131



19

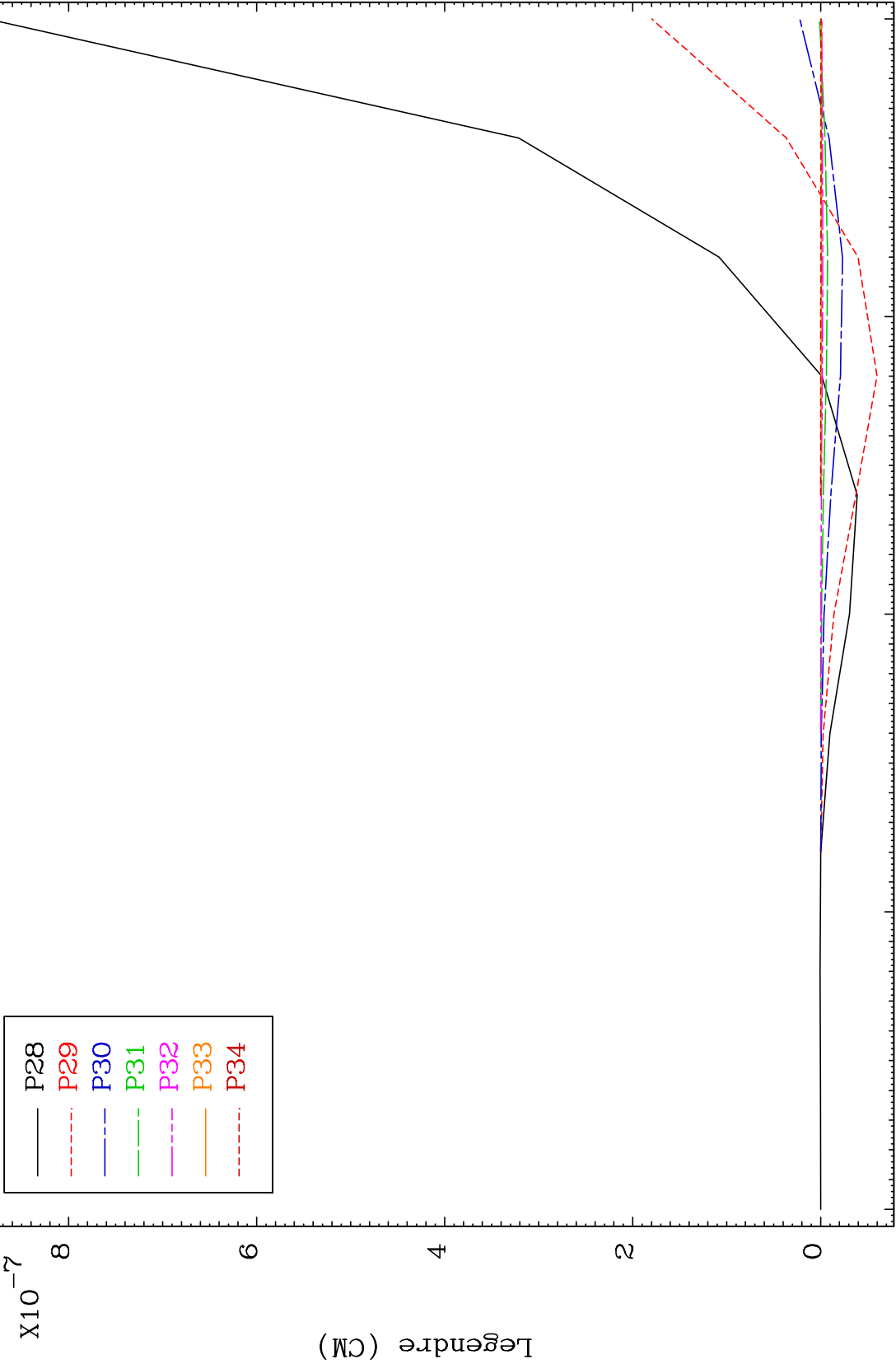
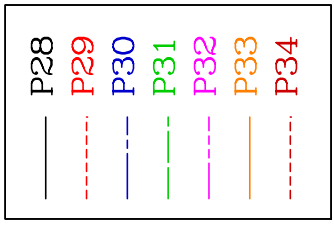
Incident Energy (MeV)

60-Nd-131

MAT 5992

Elastic Legendre Coefficients

60-Nd-131



60-Nd-131

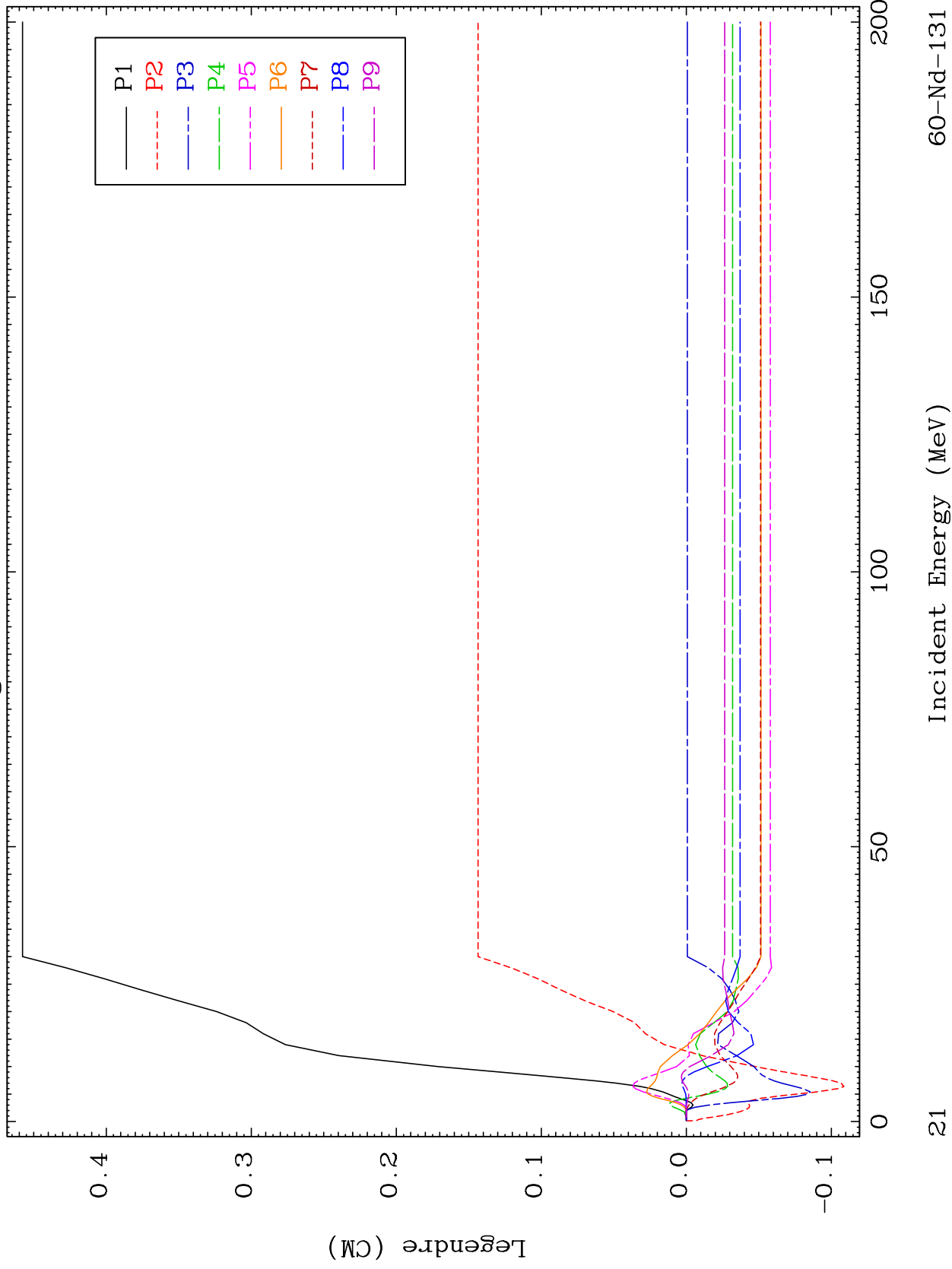
Incident Energy (MeV)

20

MAT 5992

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

60-Nd-131



60-Nd-131

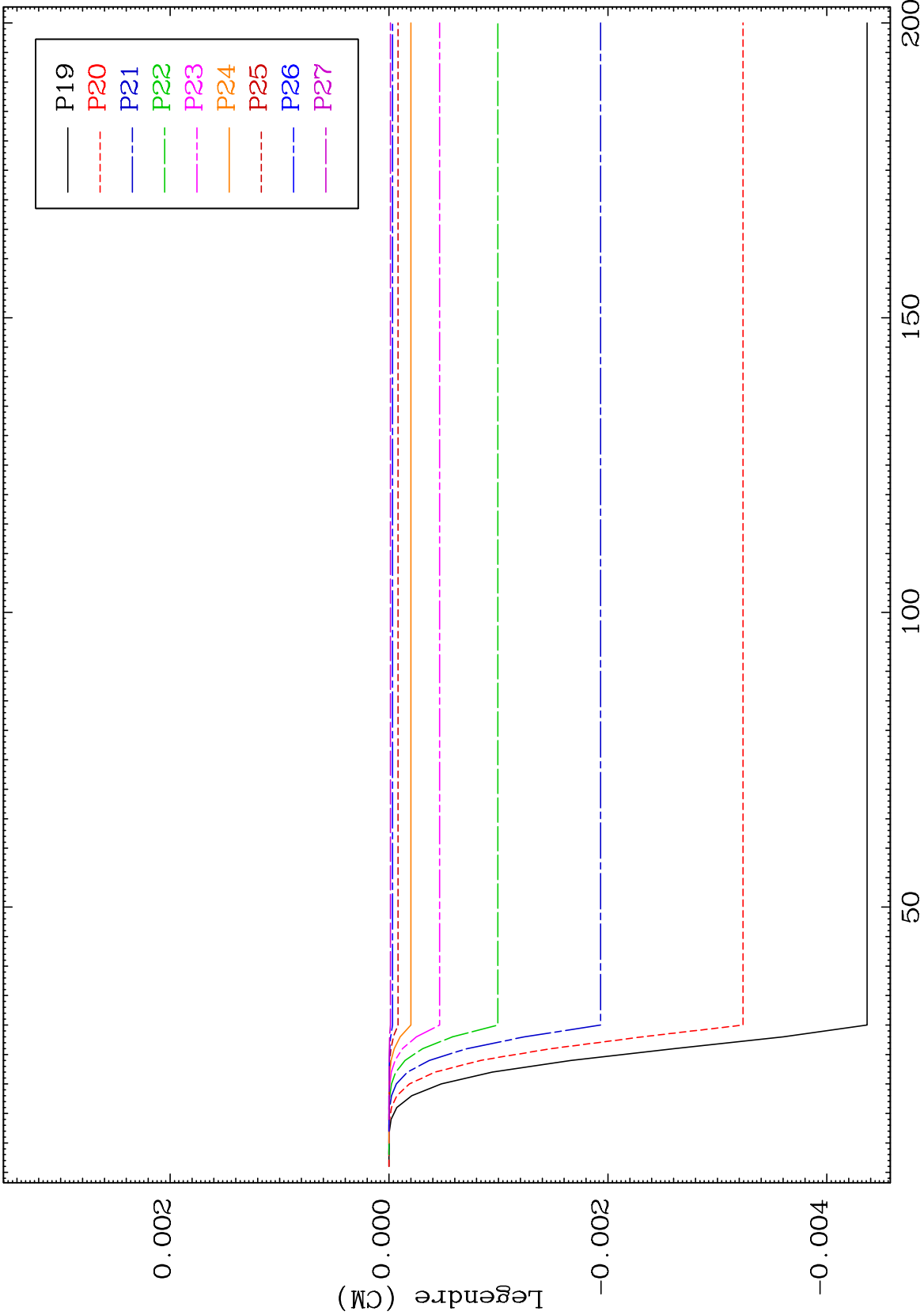
Incident Energy (MeV)

21

MAT 5992

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

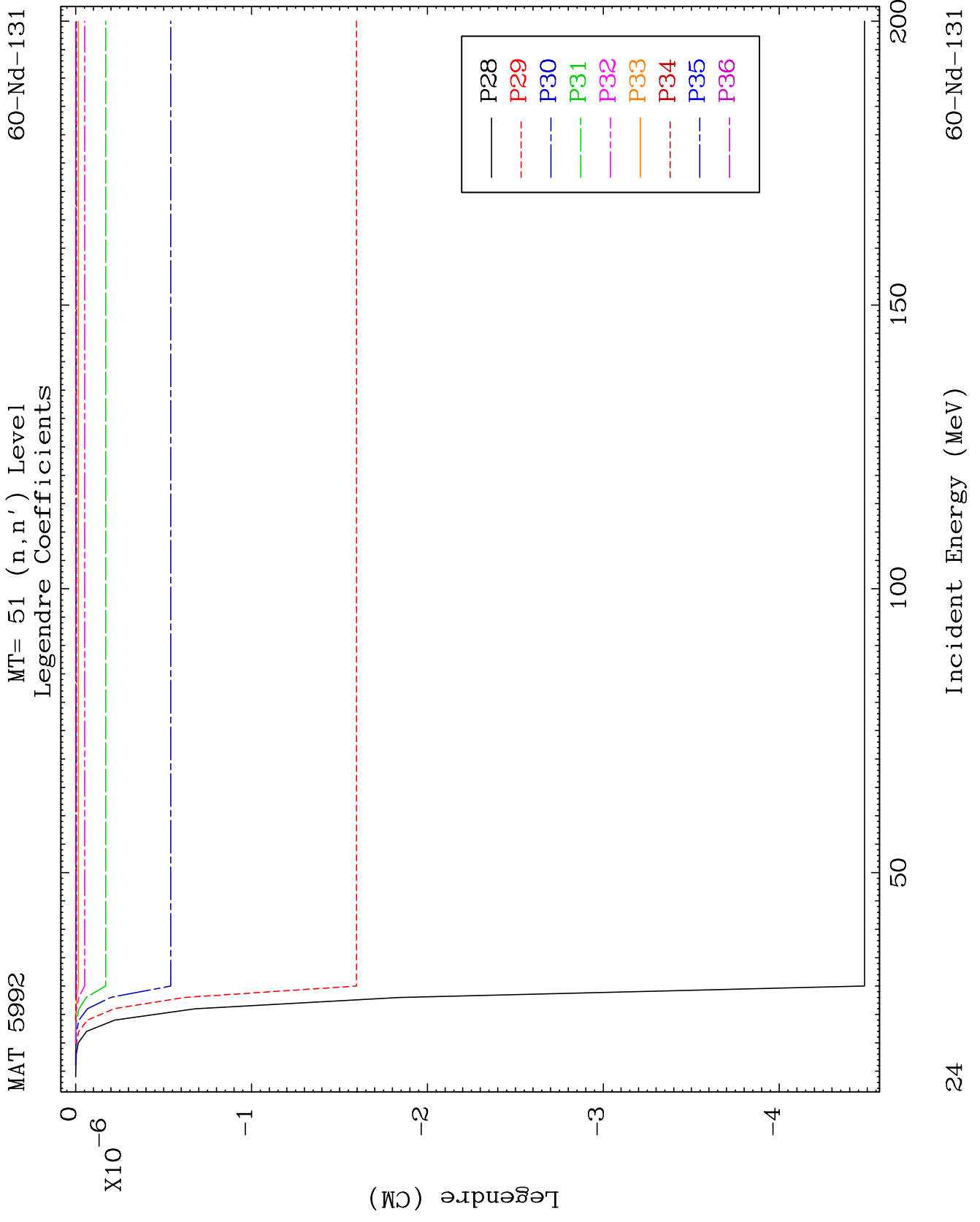
60-Nd-131



23

Incident Energy (MeV)

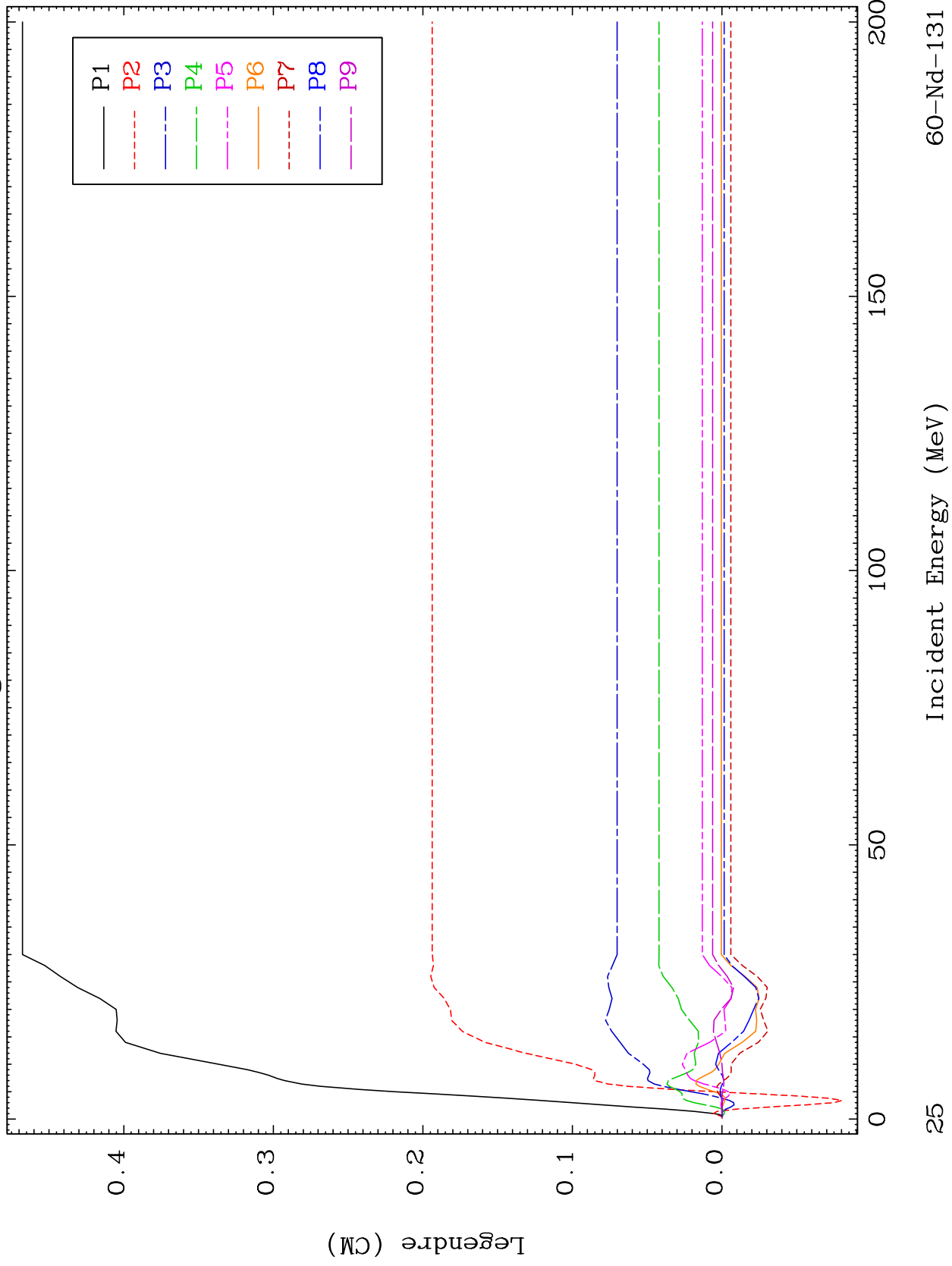
60-Nd-131



MAT 5992

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

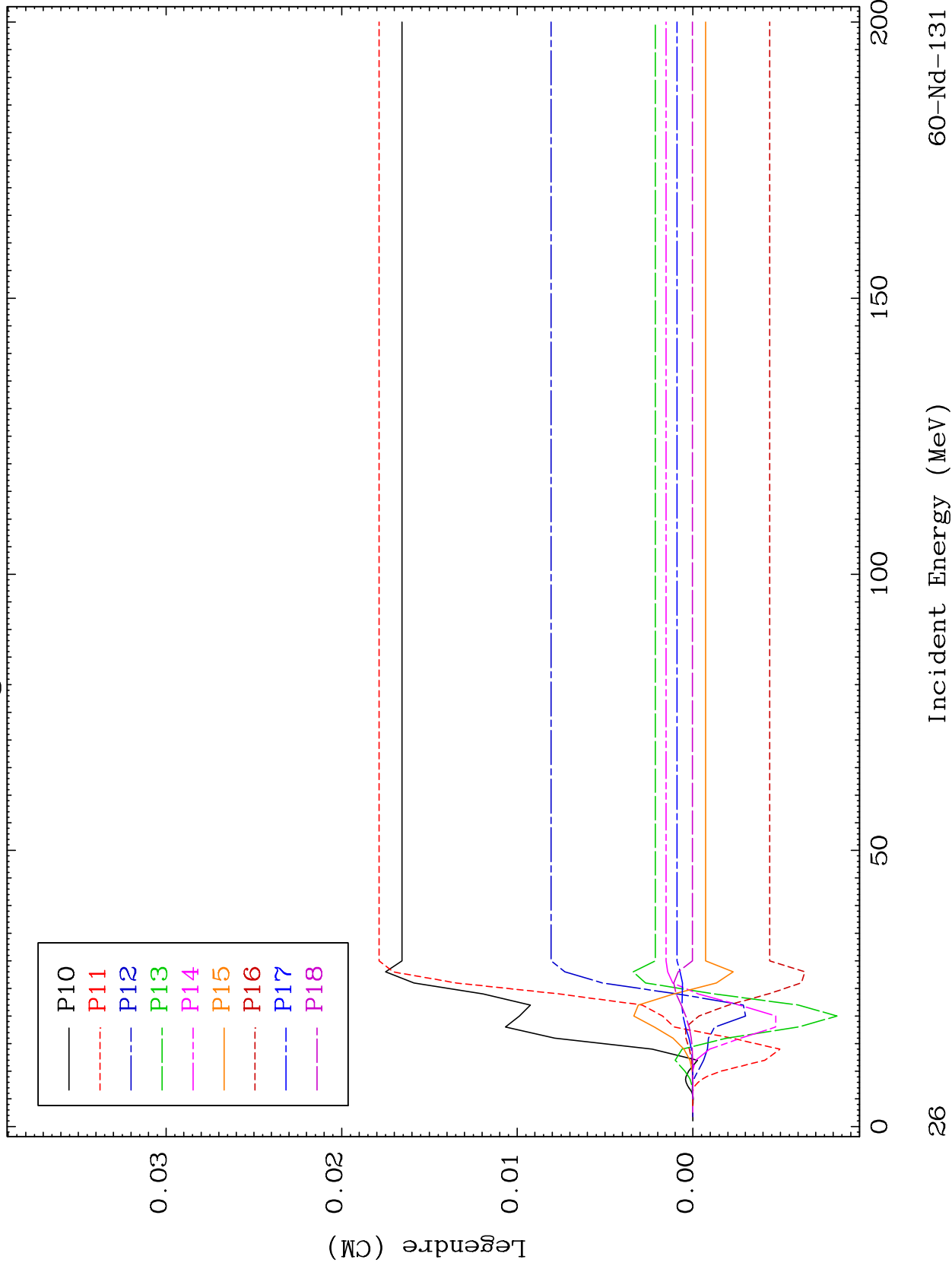
60-Nd-131



MAT 5992

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

60-Nd-131



26

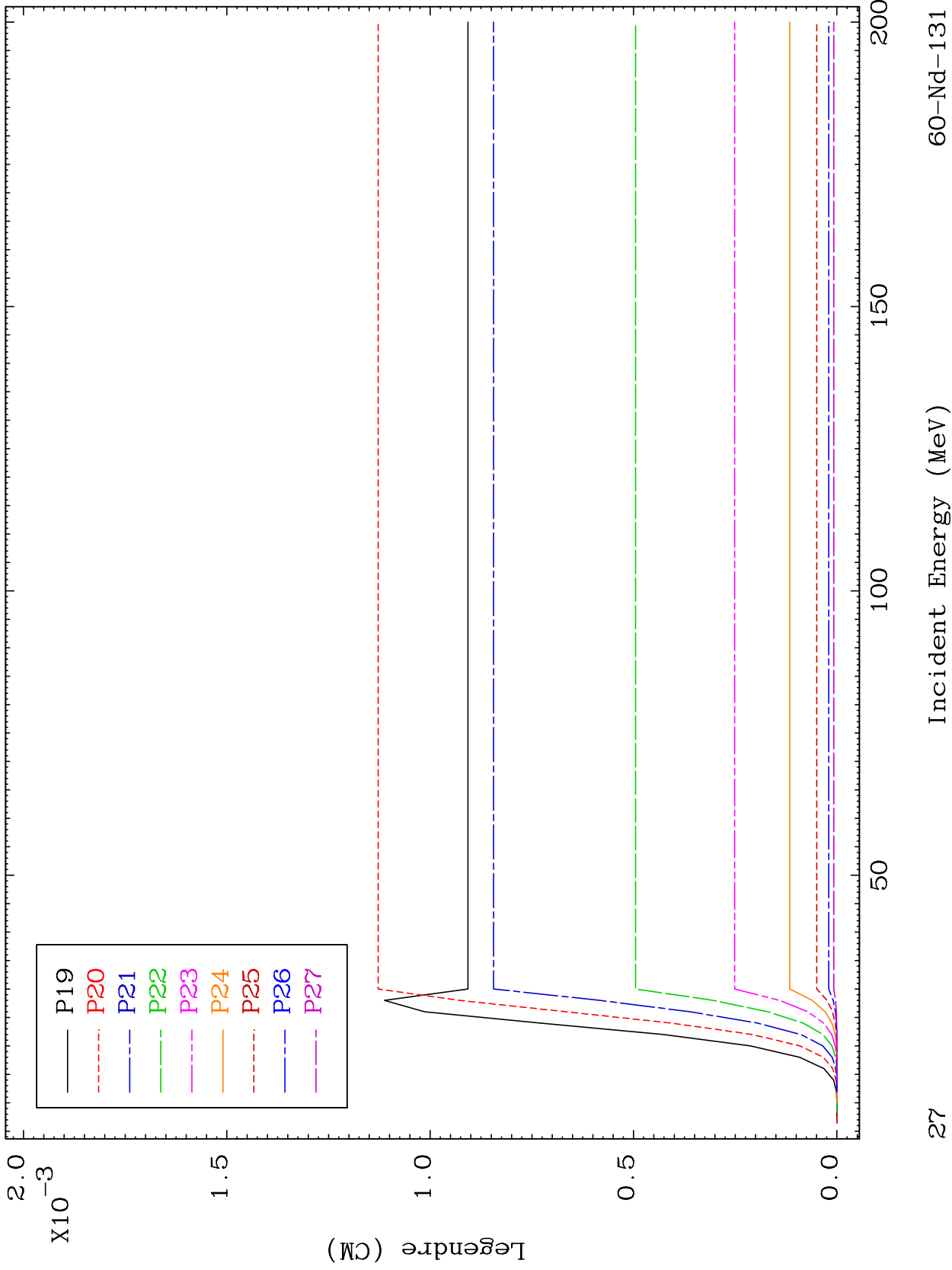
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

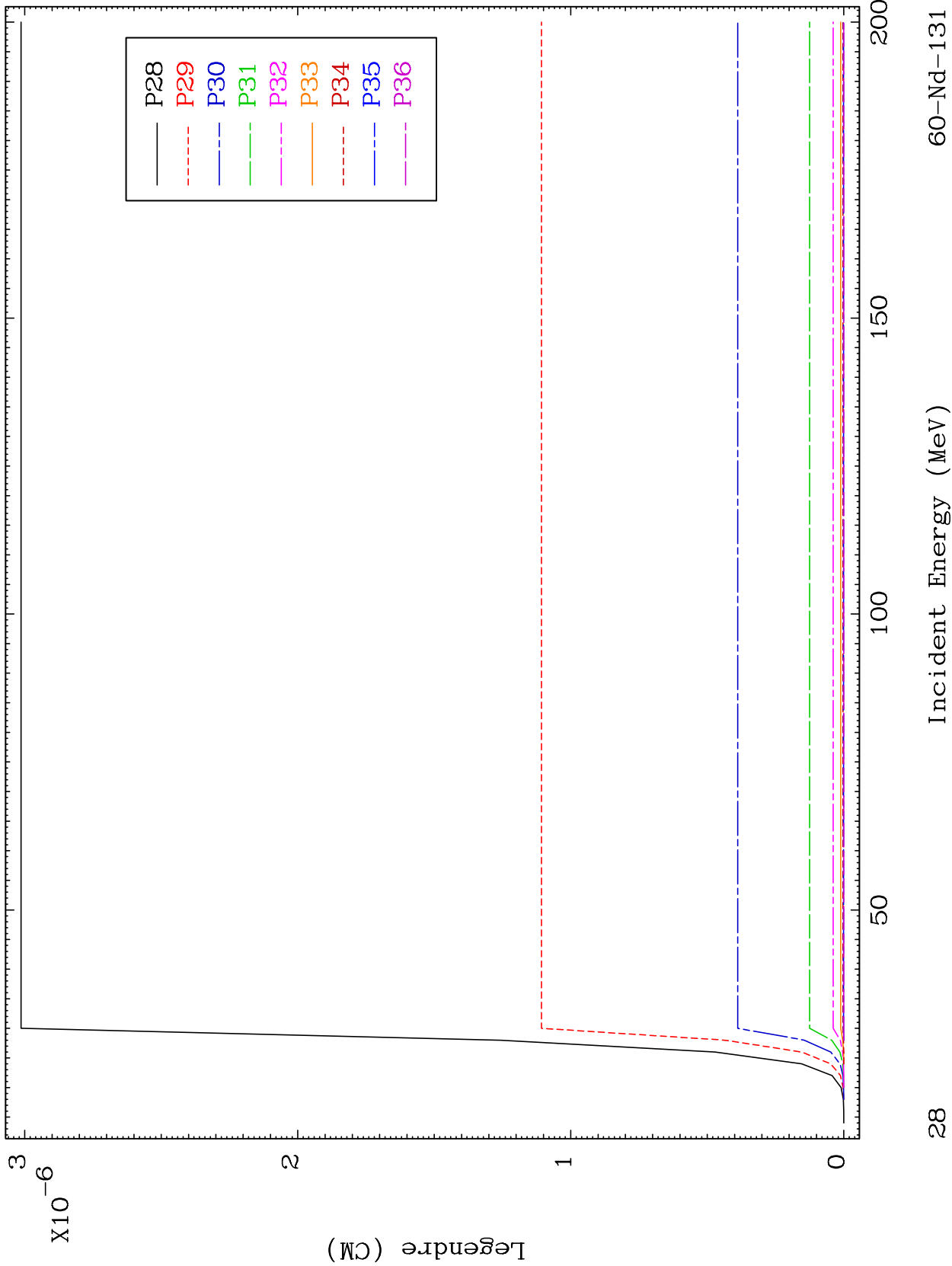
60-Nd-131



MAT 5992

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

60-Nd-131



28

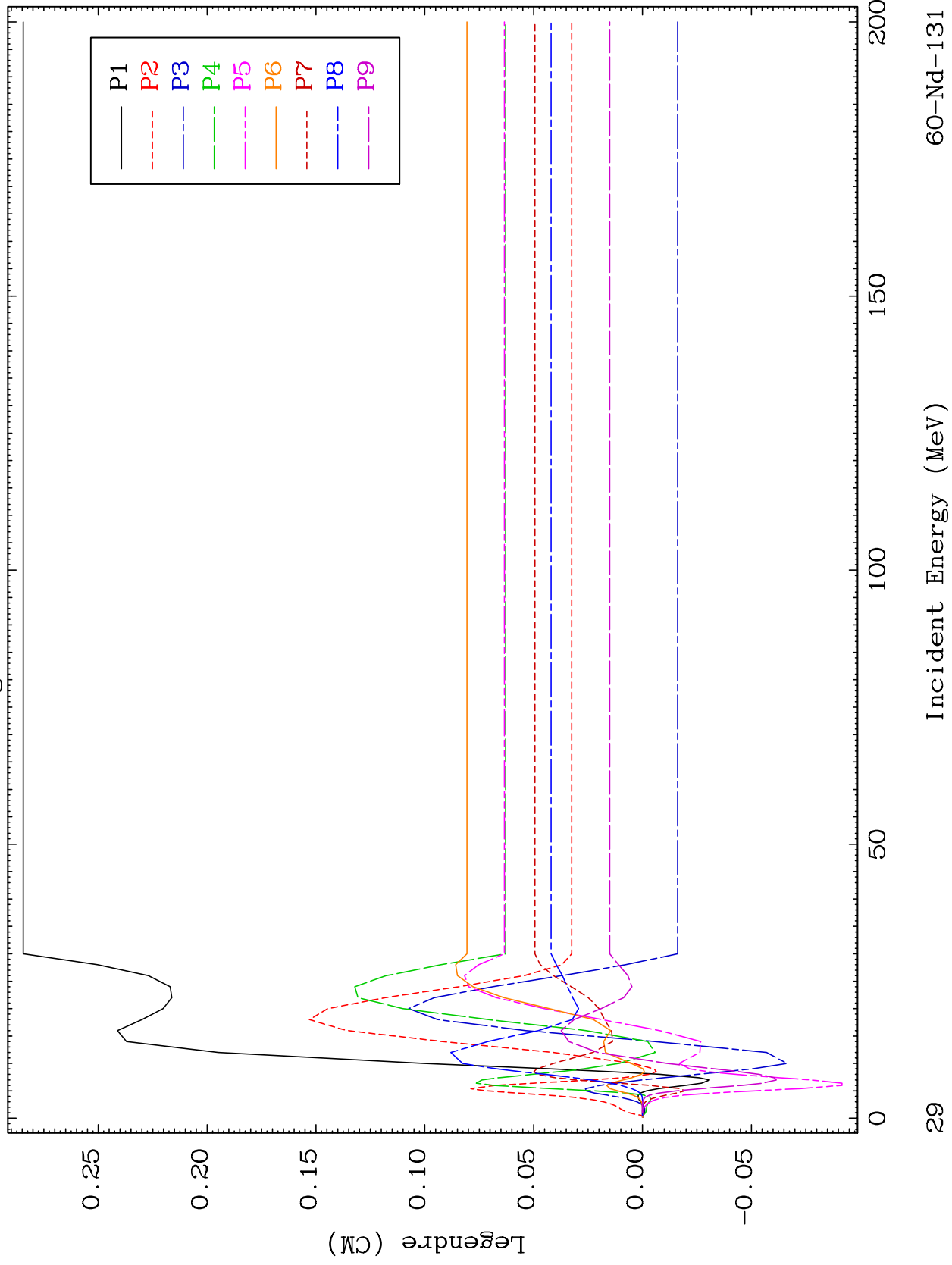
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



60-Nd-131

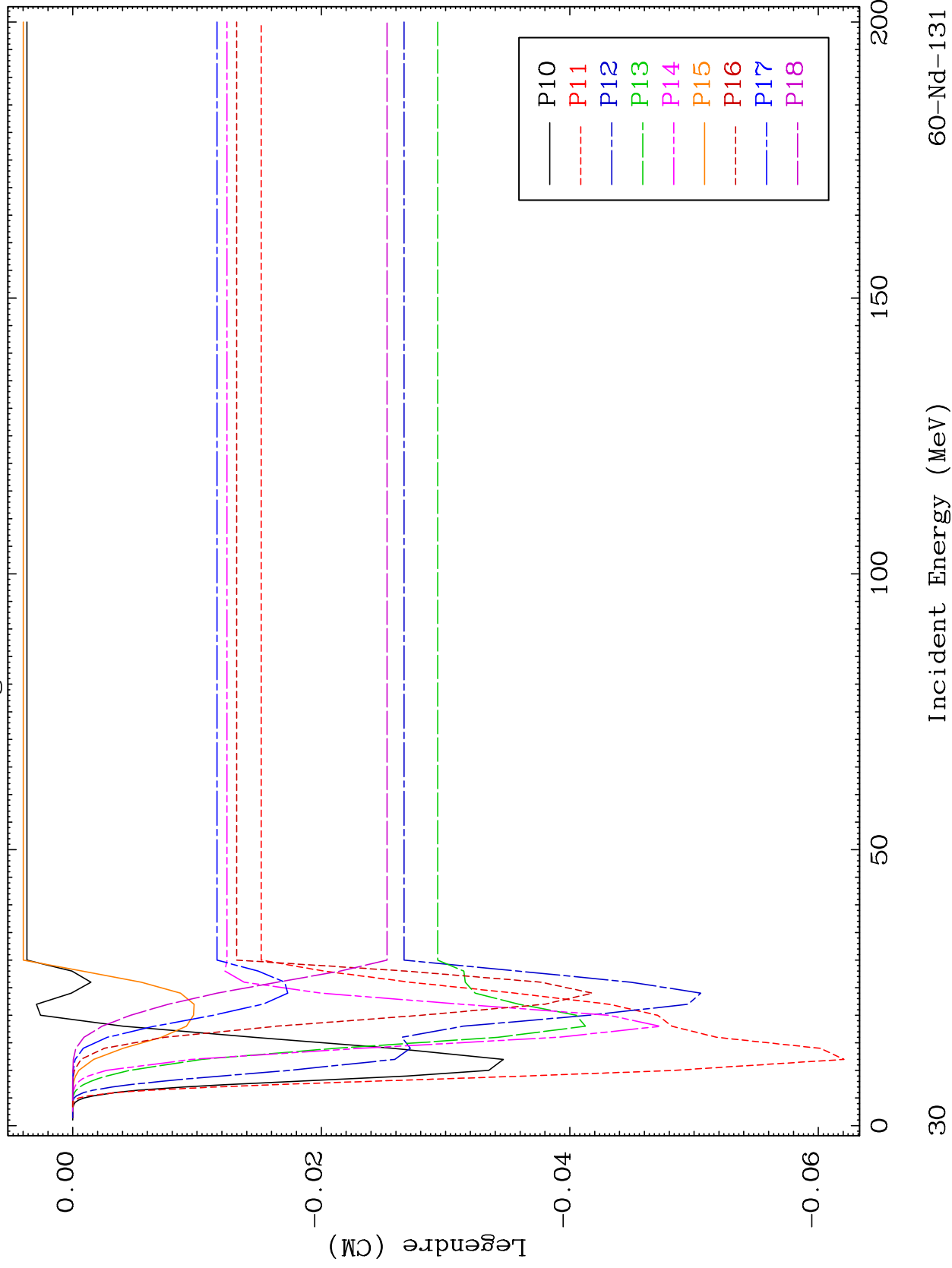
Incident Energy (MeV)

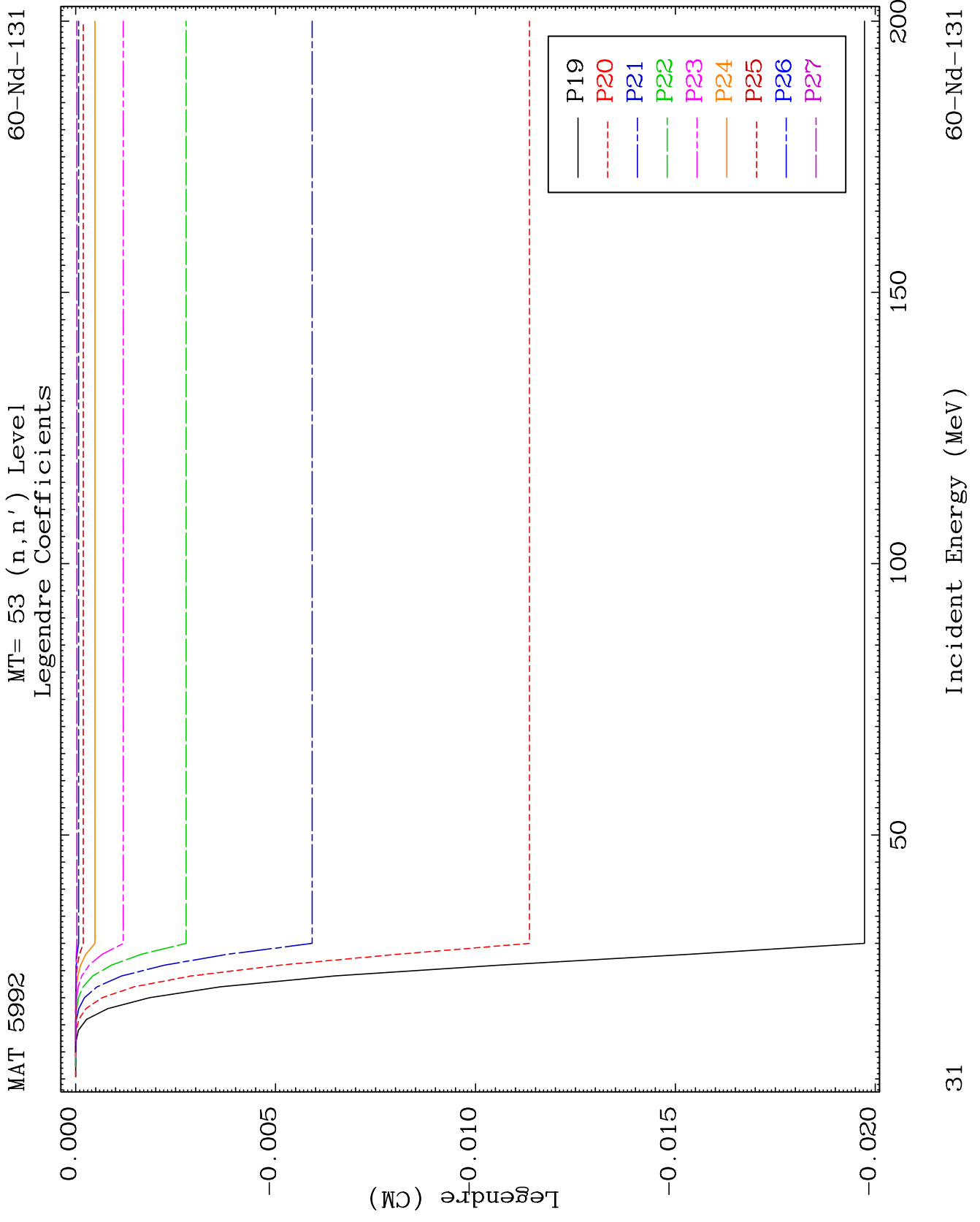
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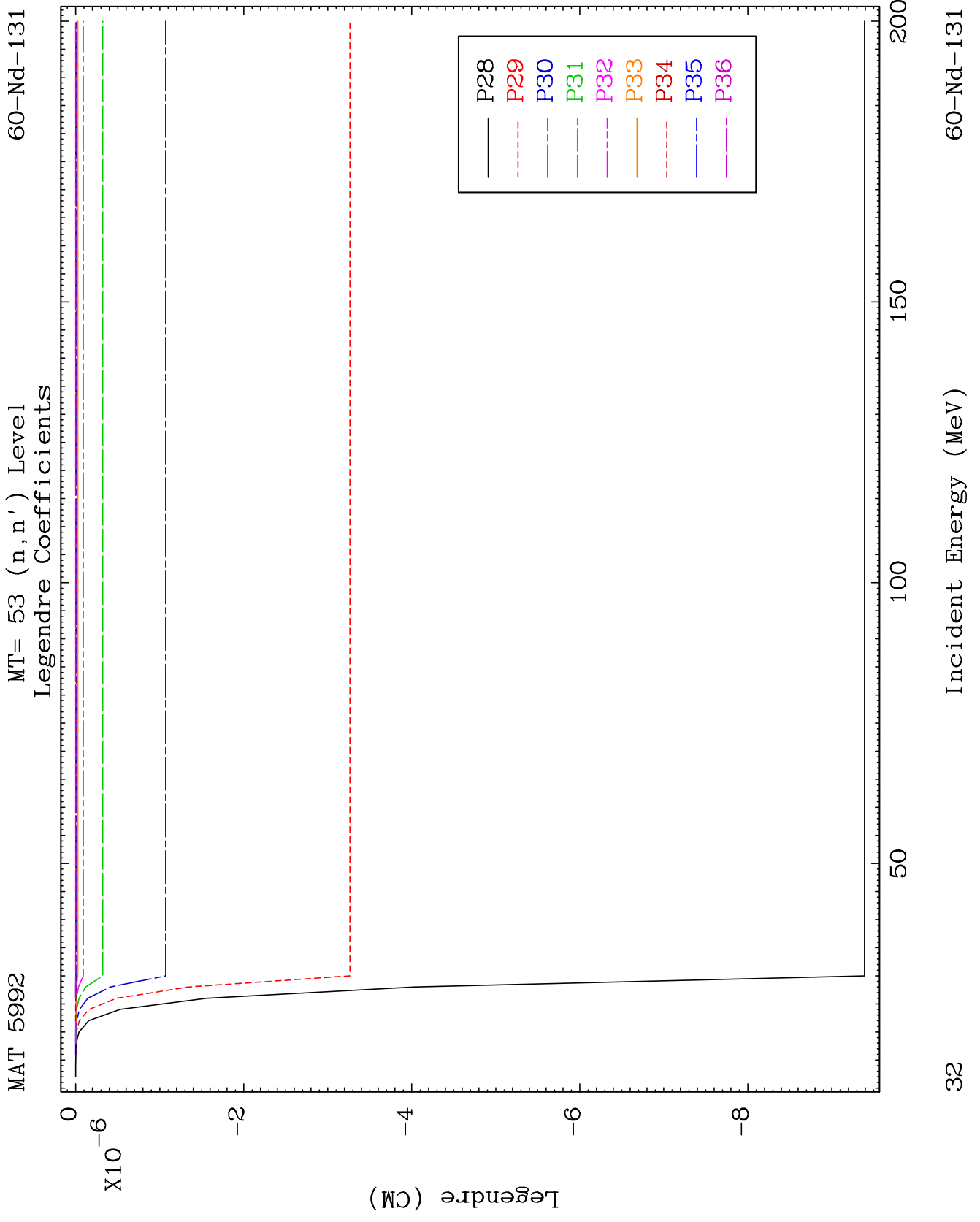
MAT 5992

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

60-Nd-131



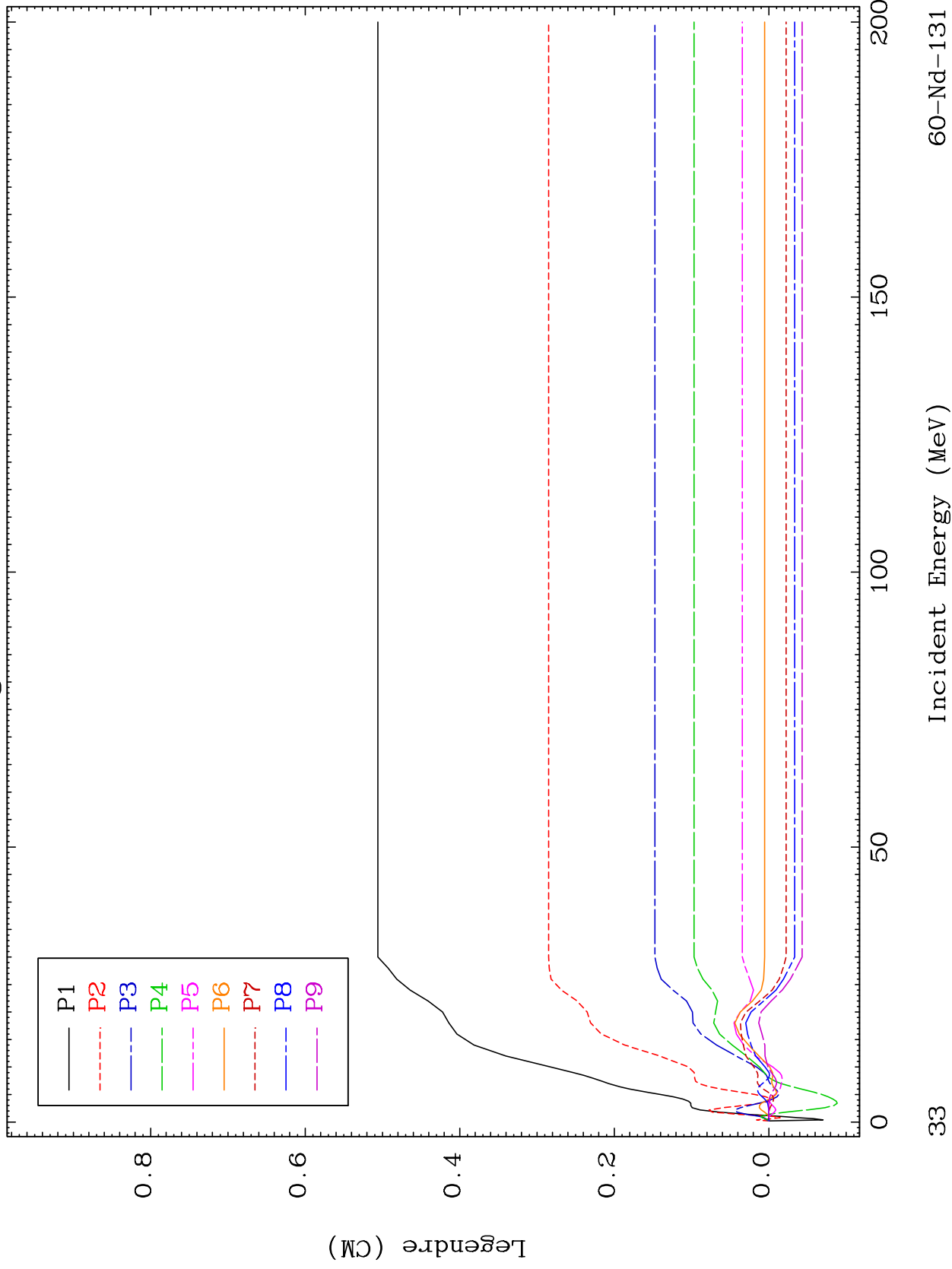




MAT 5992

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

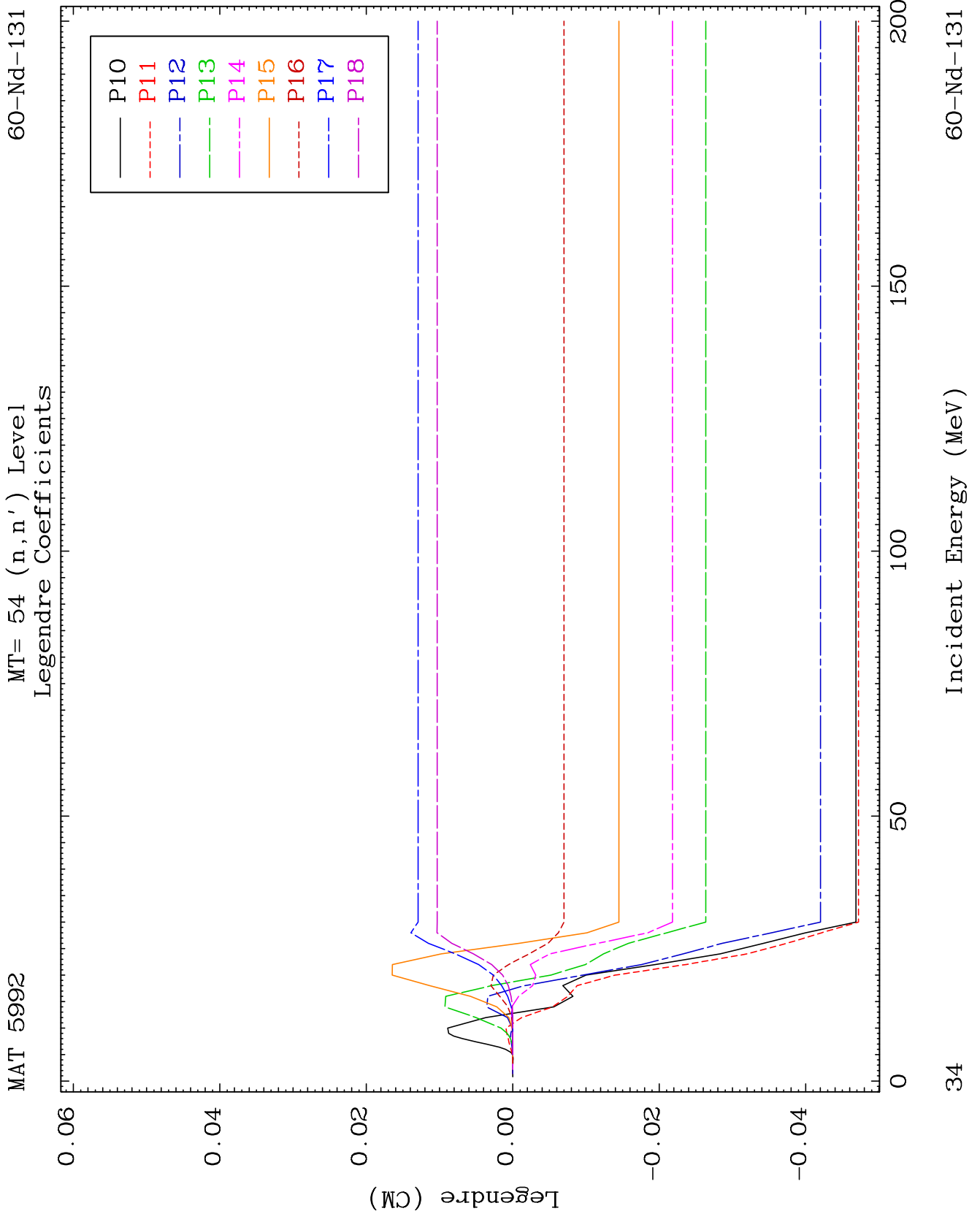
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33

Incident Energy (MeV)

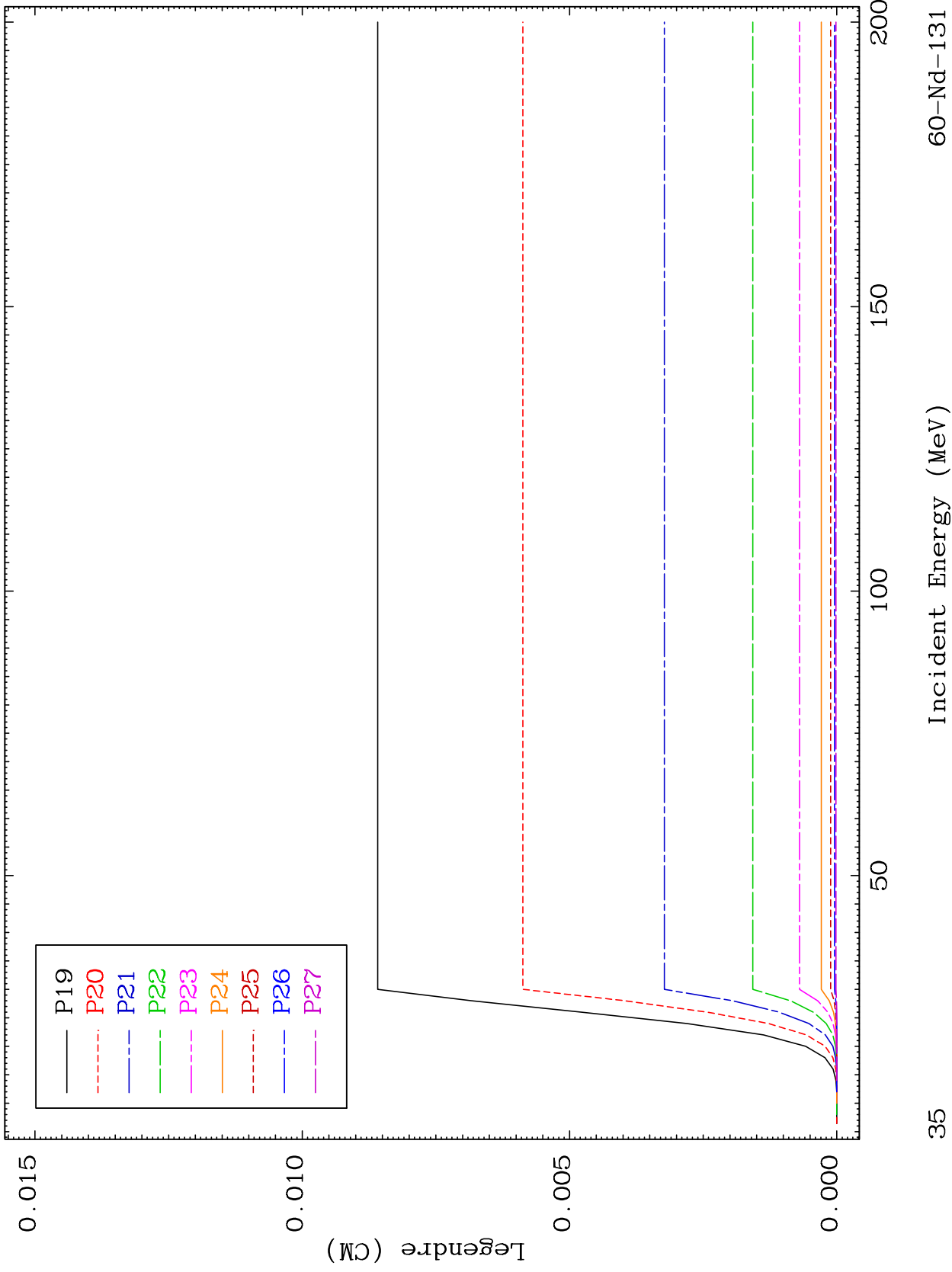
60-Nd-131



MAT 5992

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

60-Nd-131



35

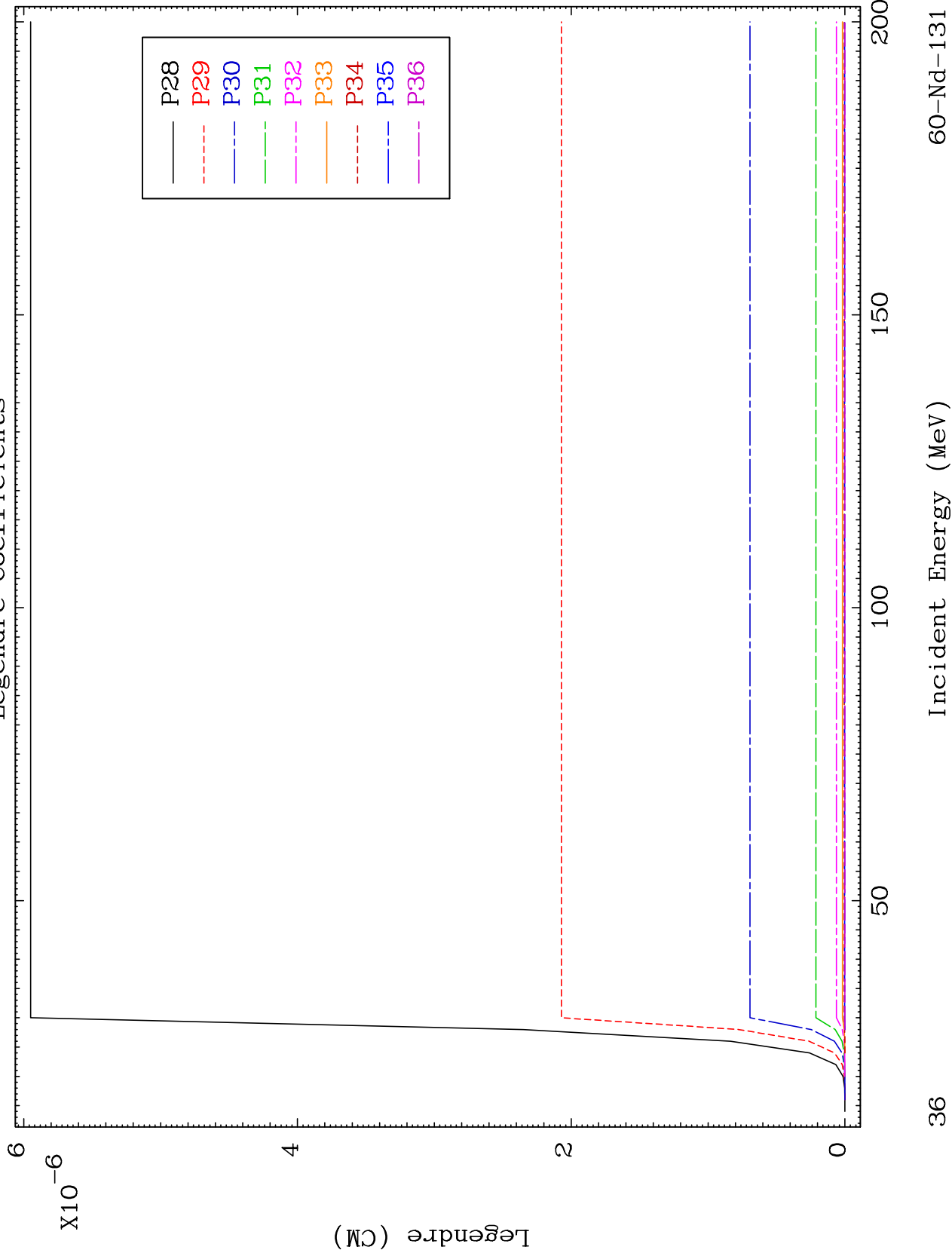
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



36

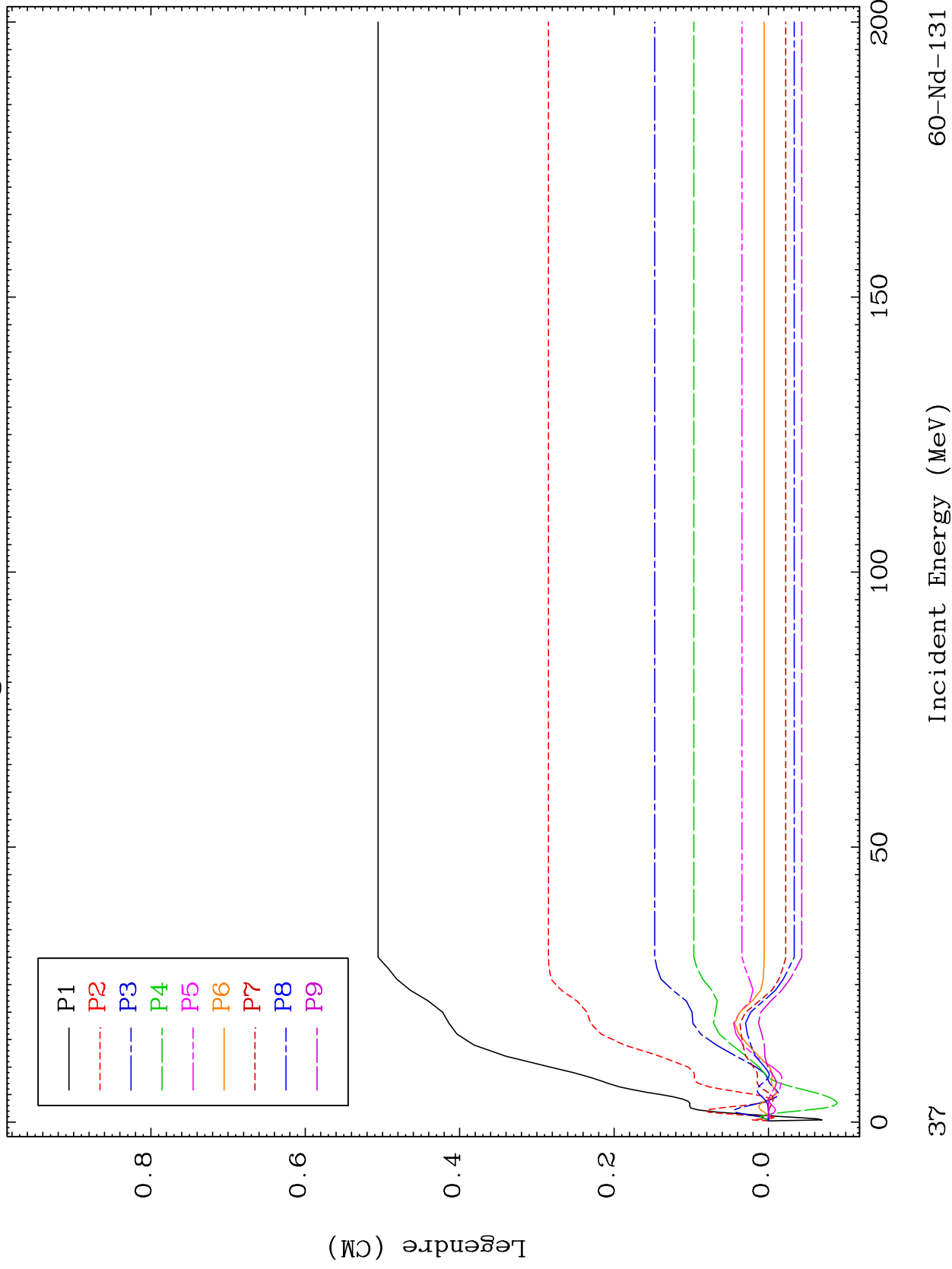
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

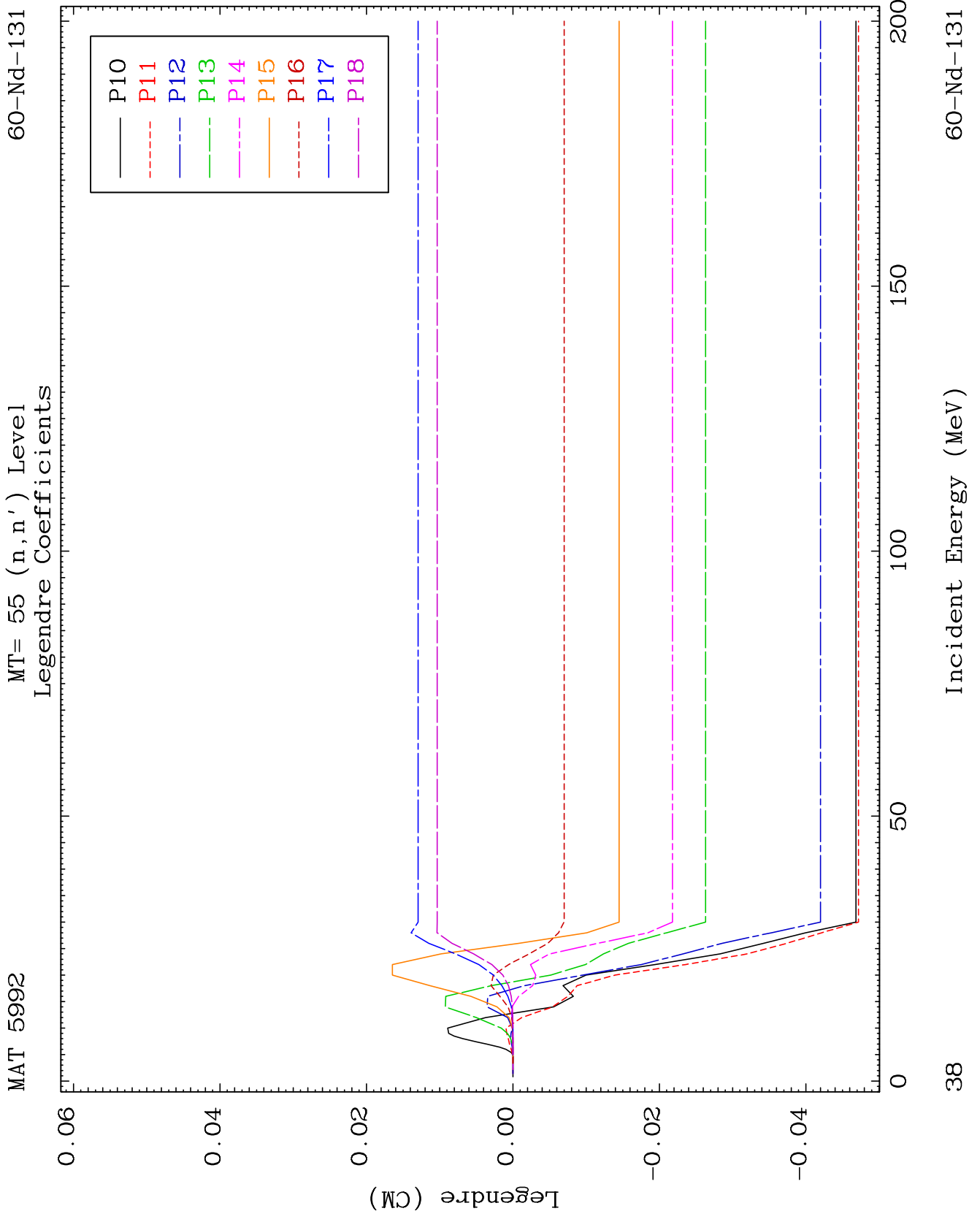
60-Nd-131



37

Incident Energy (MeV)

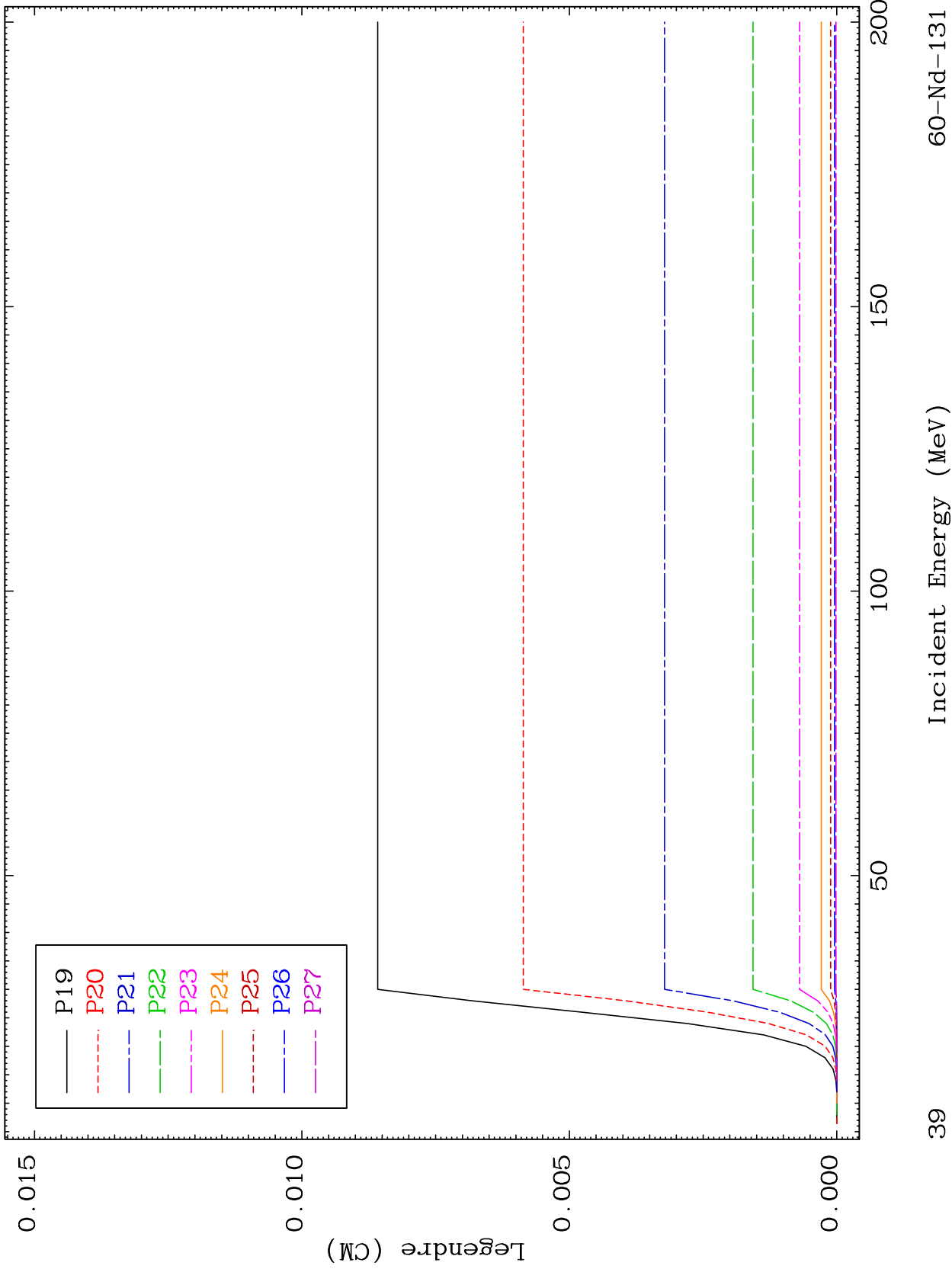
60-Nd-131



MAT 5992

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

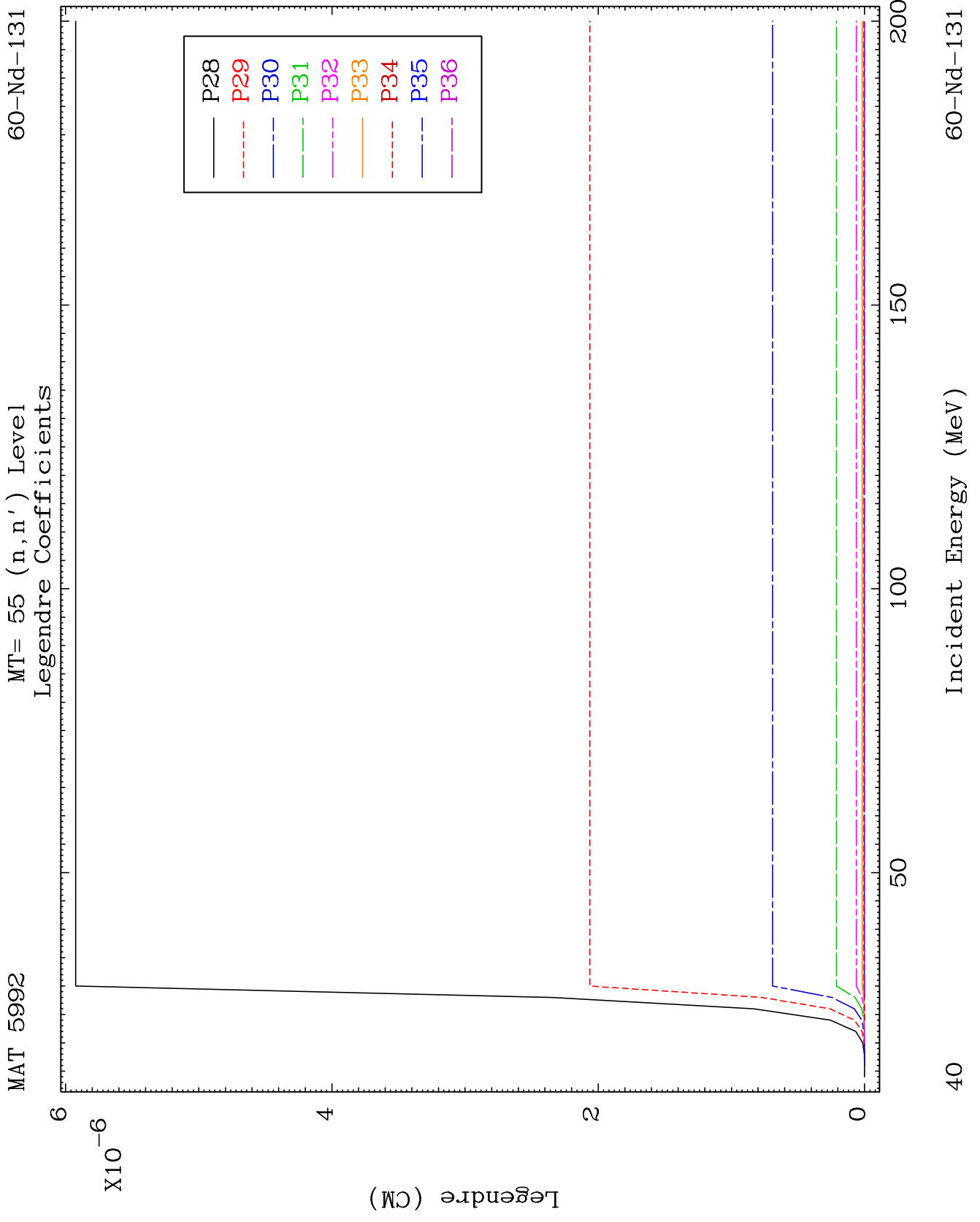
60-Nd-131



39

60-Nd-131

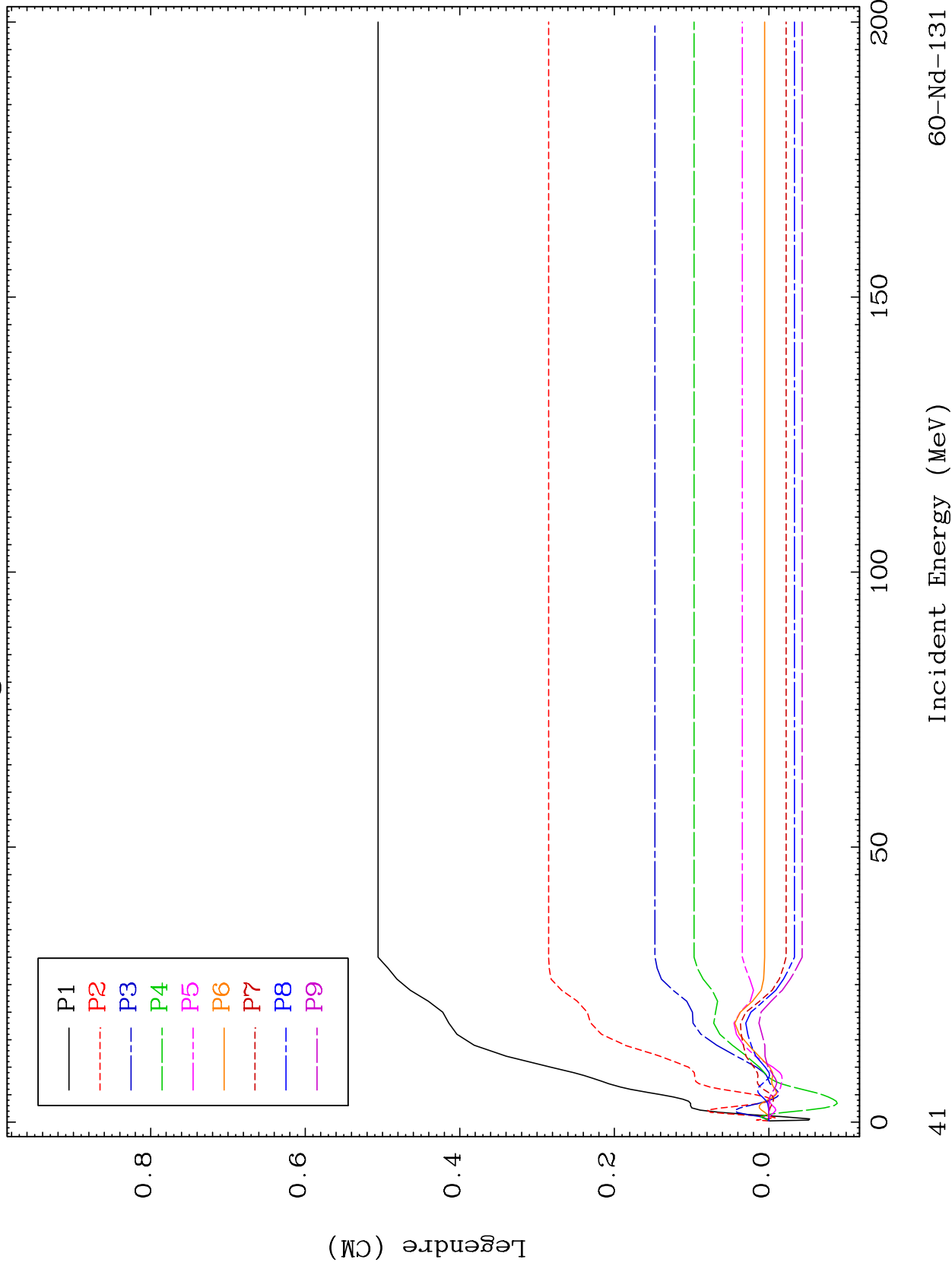
Incident Energy (MeV)



MAT 5992

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

60-Nd-131



41

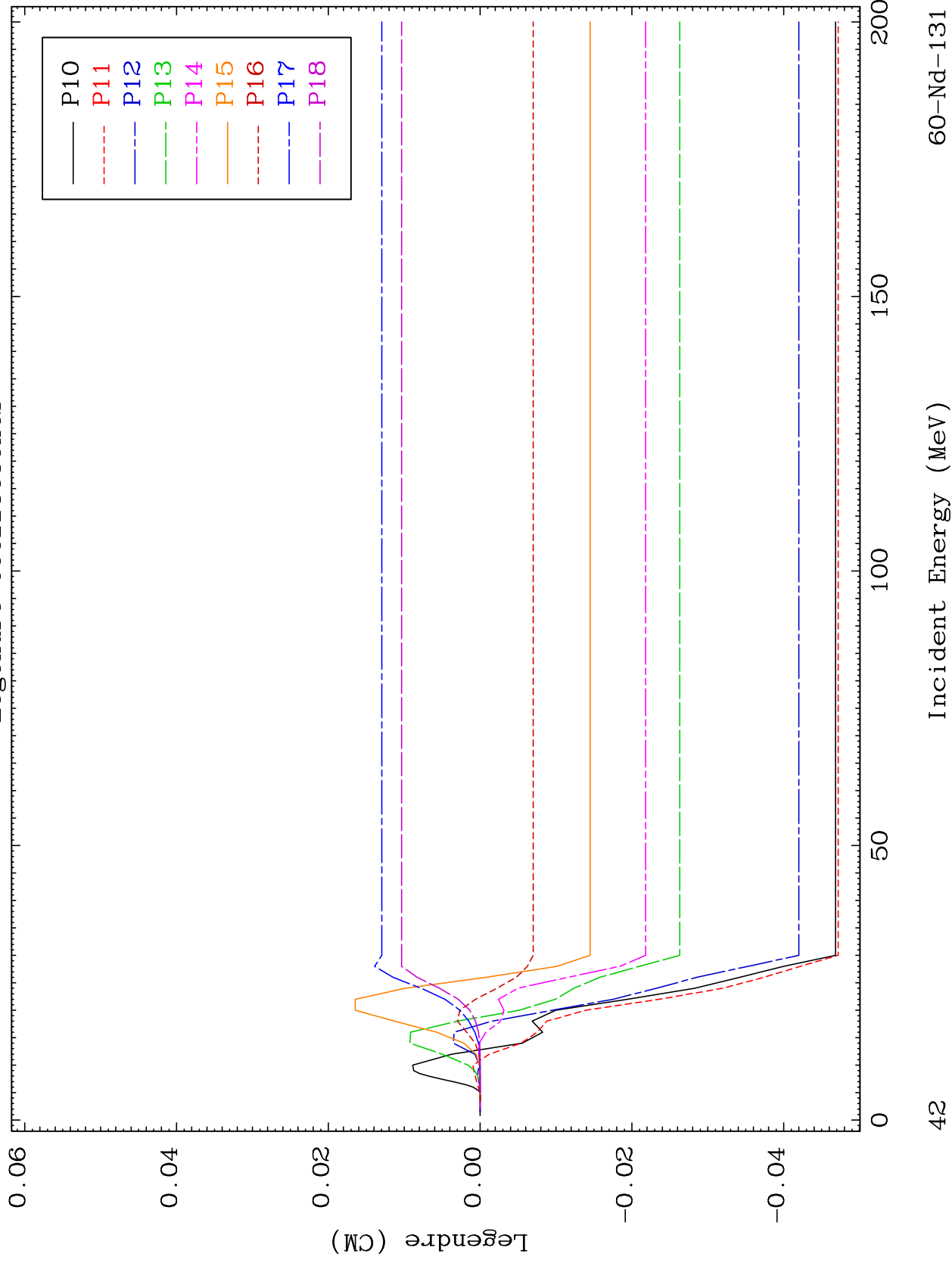
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



60-Nd-131

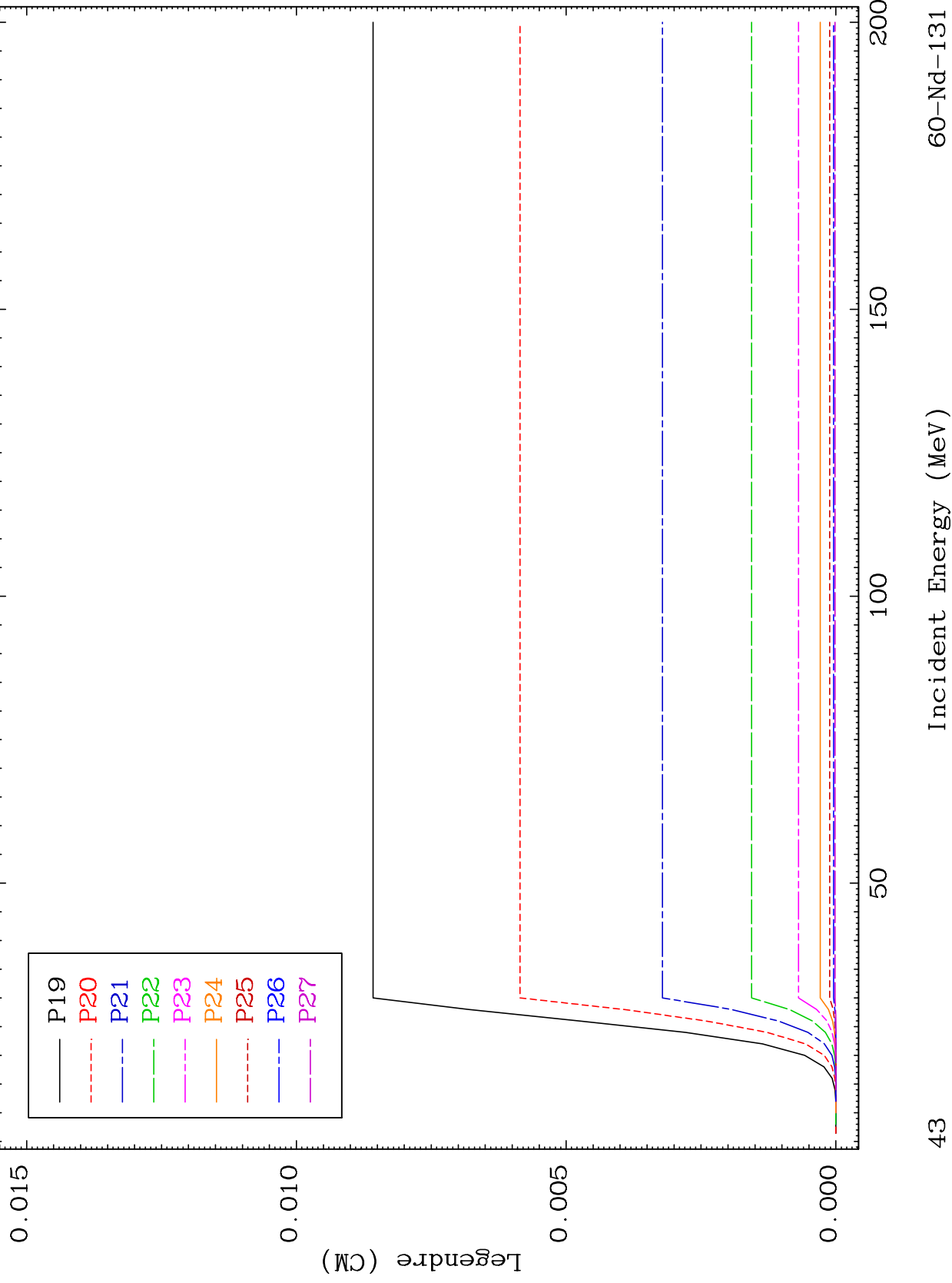
Incident Energy (MeV)

42

MAT 5992

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

60-Nd-131



43

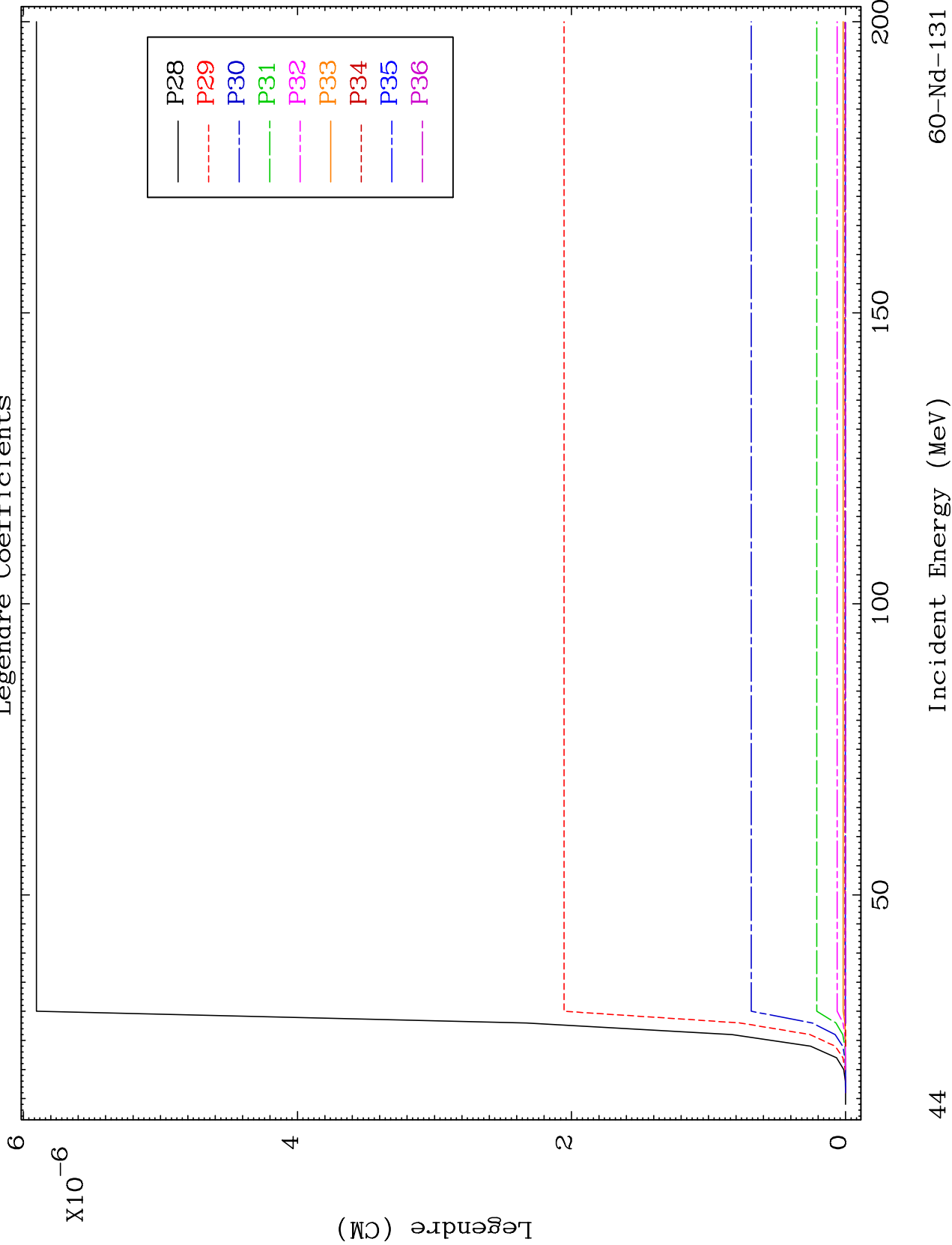
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



44

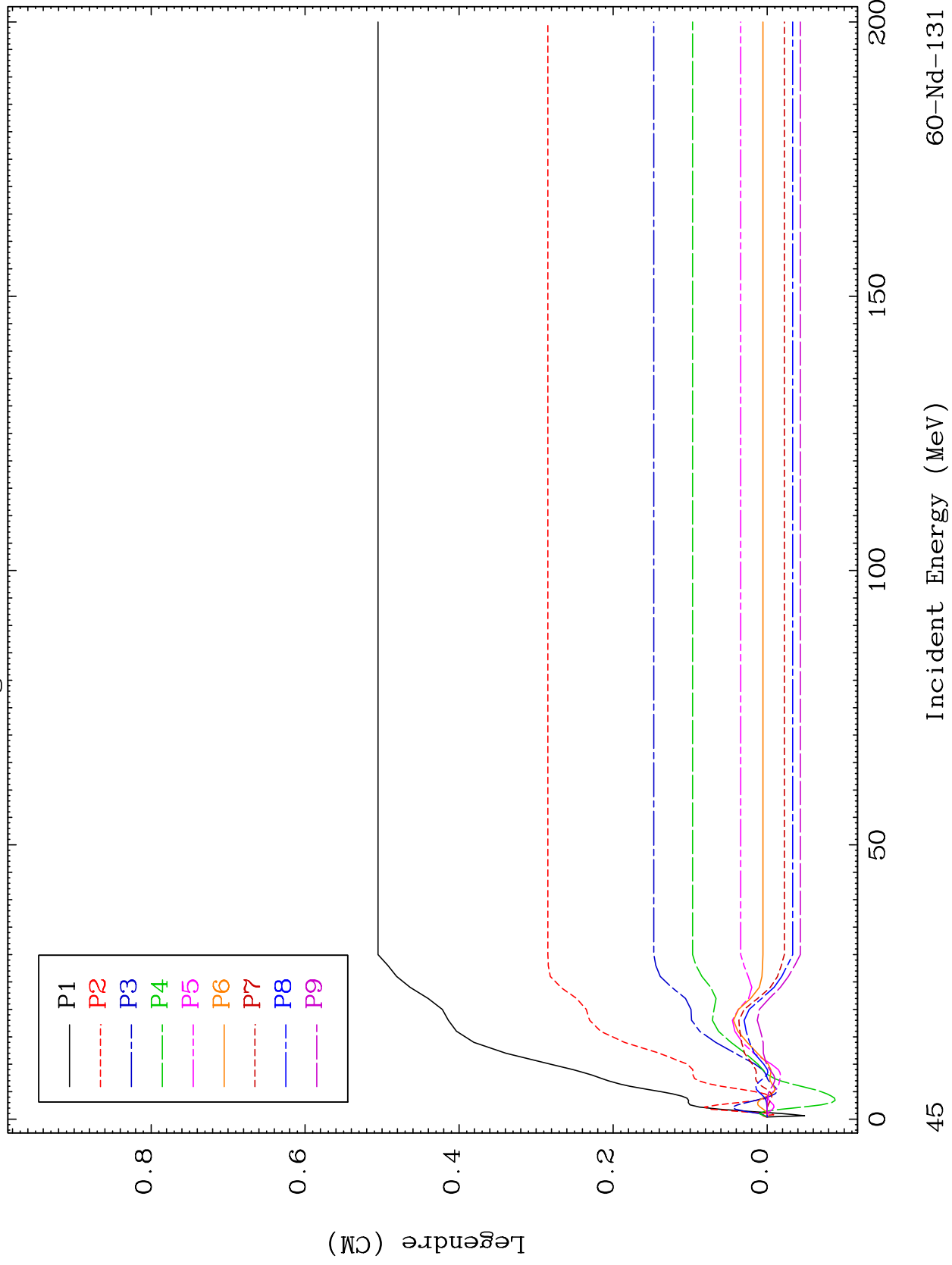
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

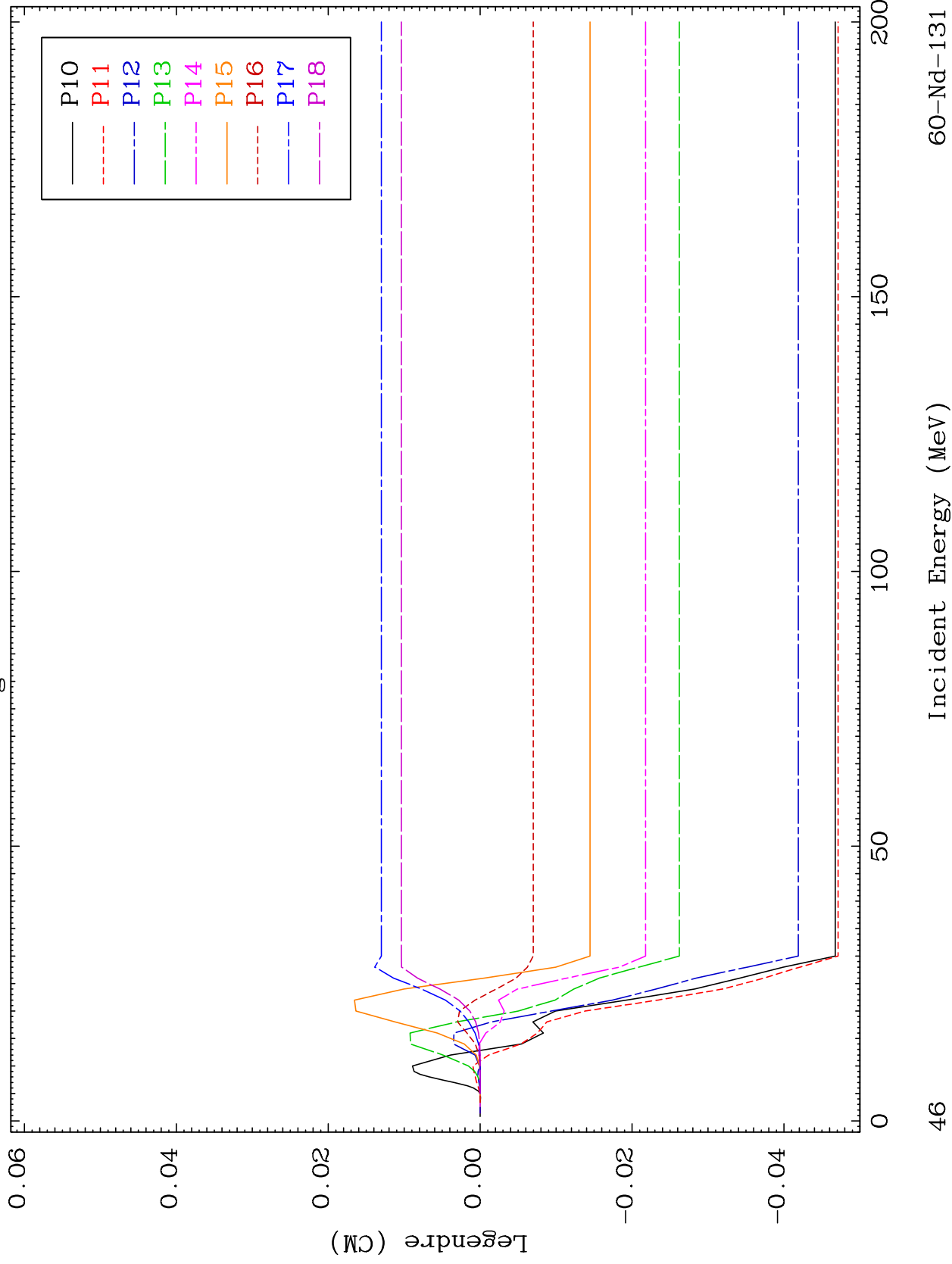
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MAT 5992

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

60-Nd-131



46

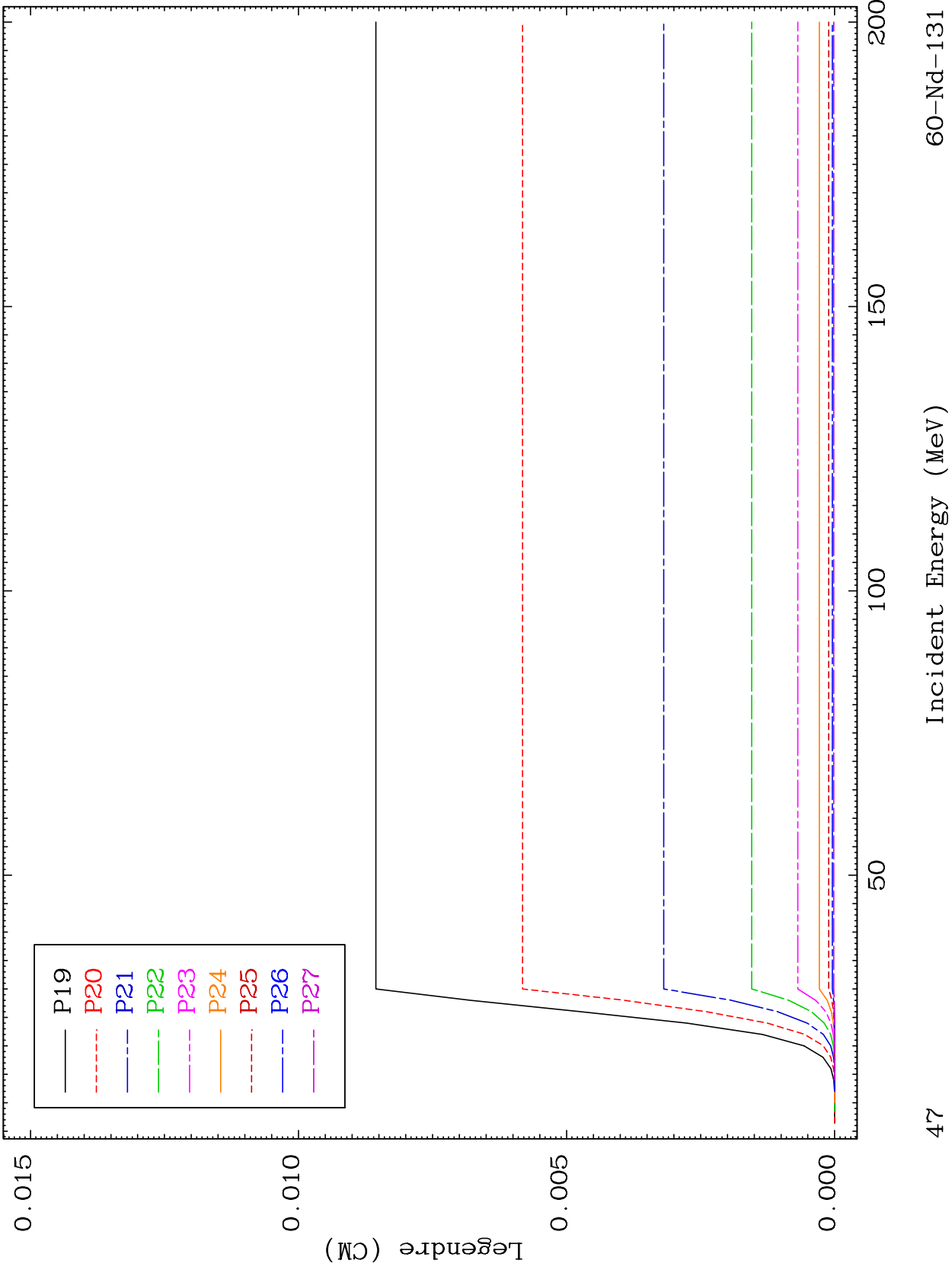
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



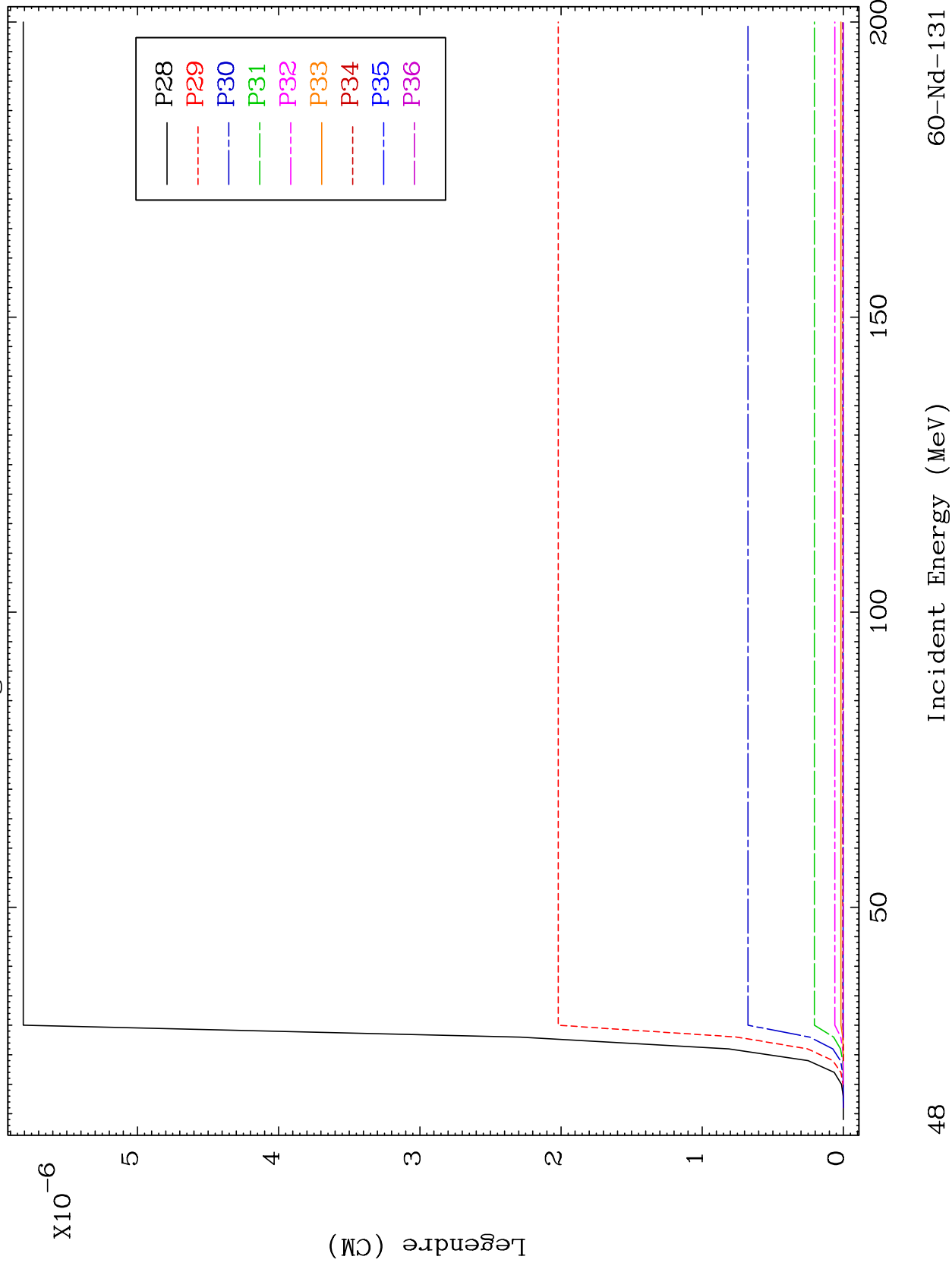
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60-Nd-131

MAT 5992

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

60-Nd-131



48

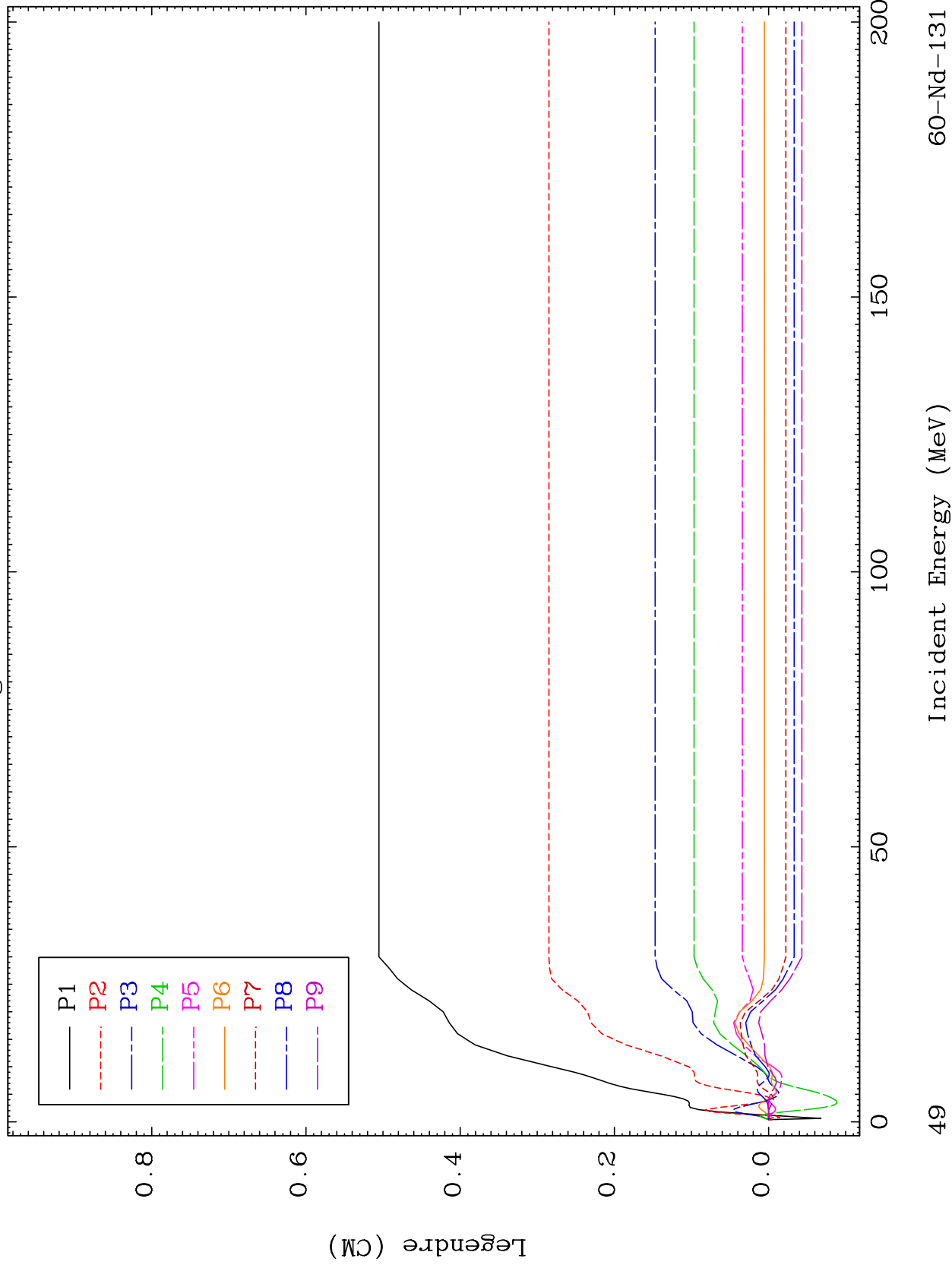
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



60-Nd-131

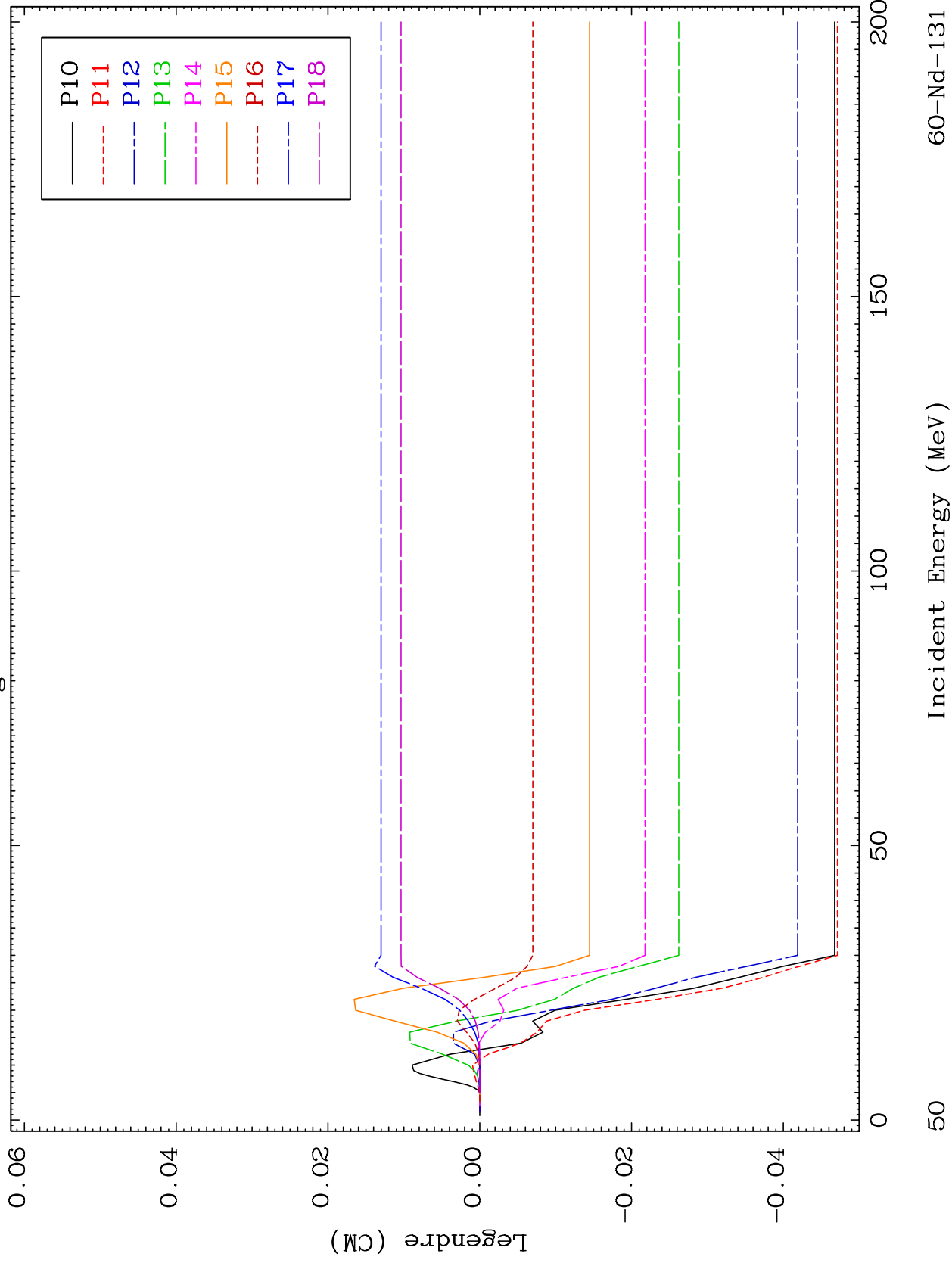
Incident Energy (MeV)

49

MAT 5992

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

60-Nd-131



60-Nd-131

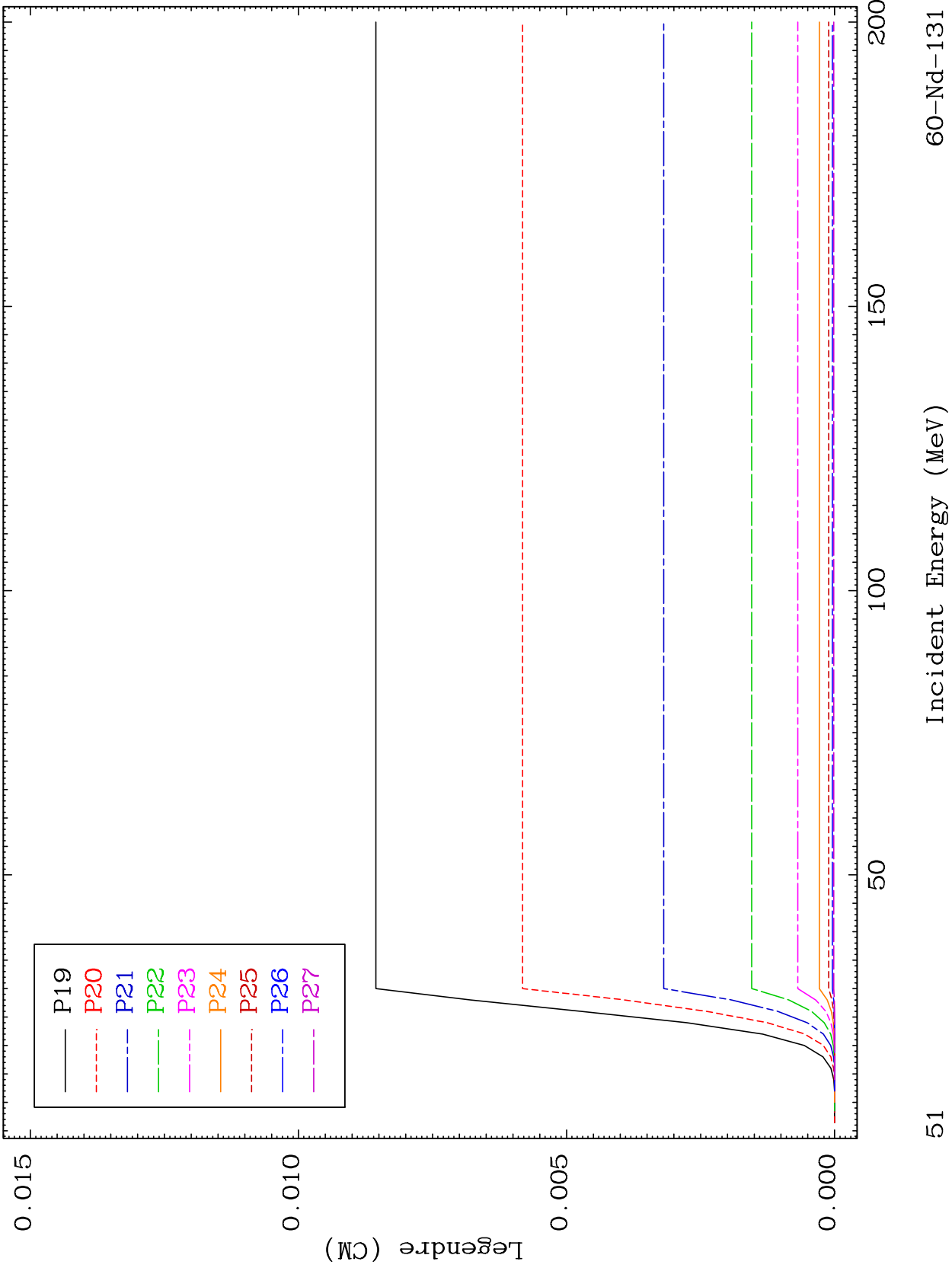
Incident Energy (MeV)

50

MAT 5992

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

60-Nd-131



51

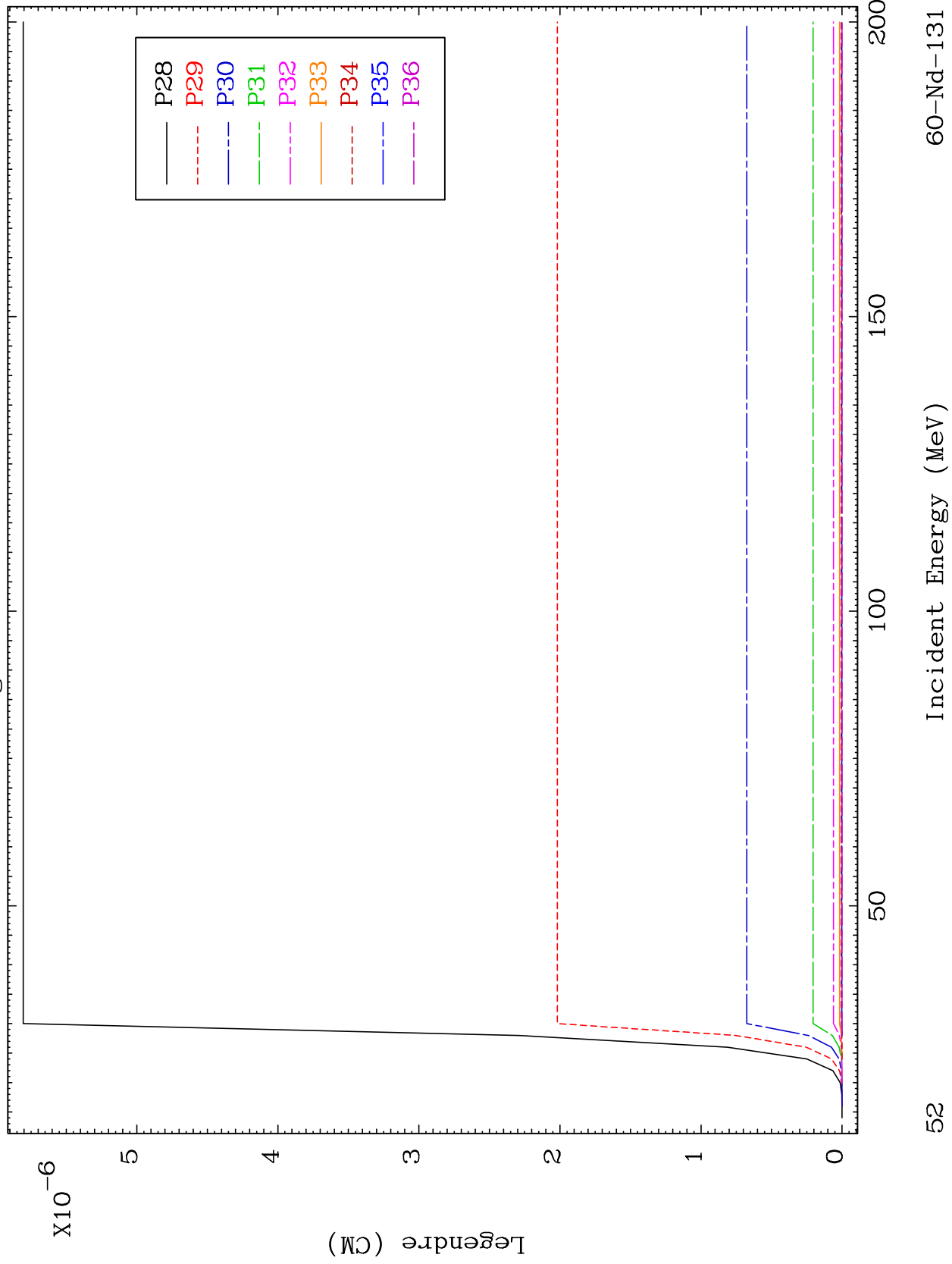
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



52

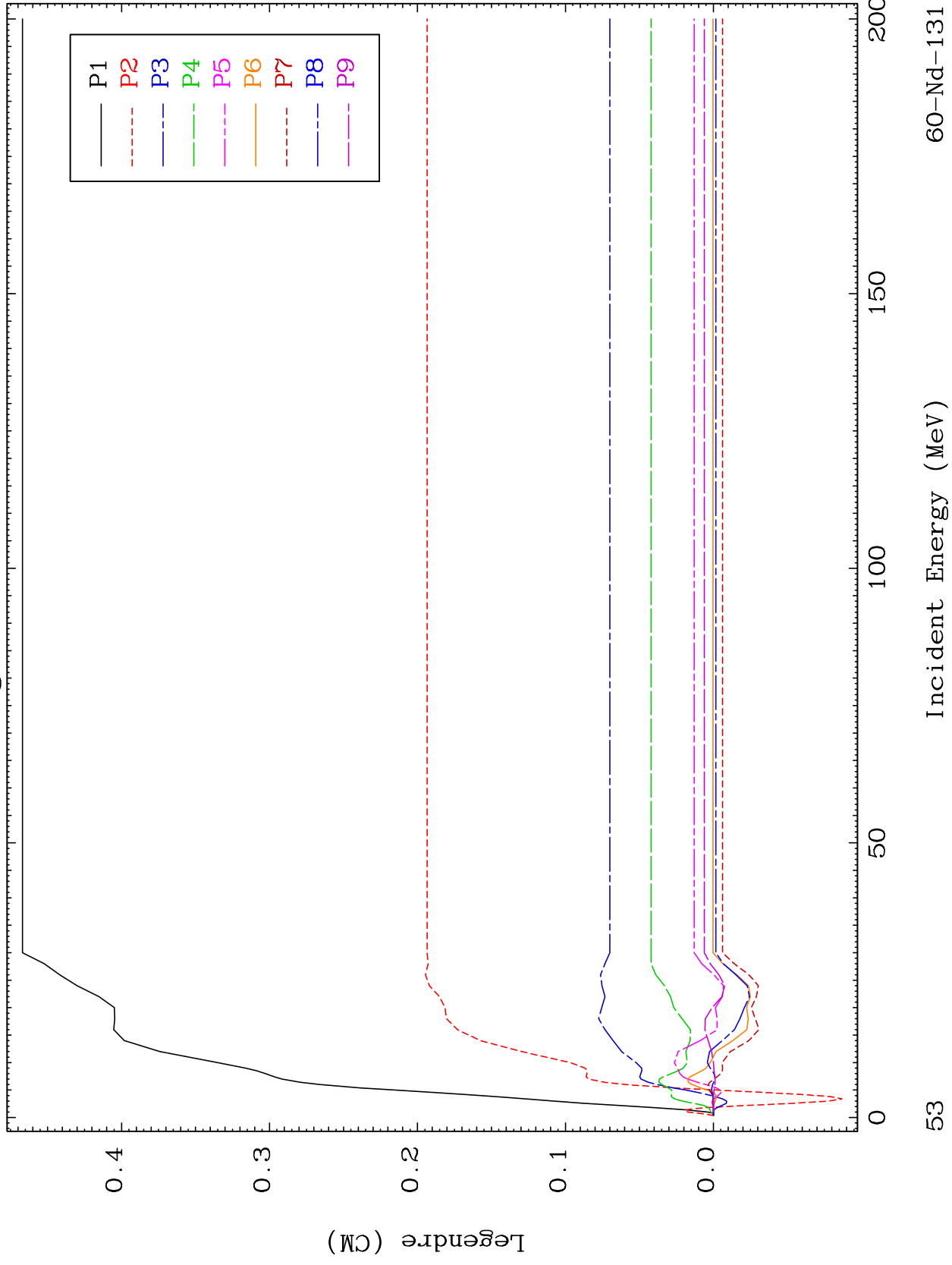
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



53

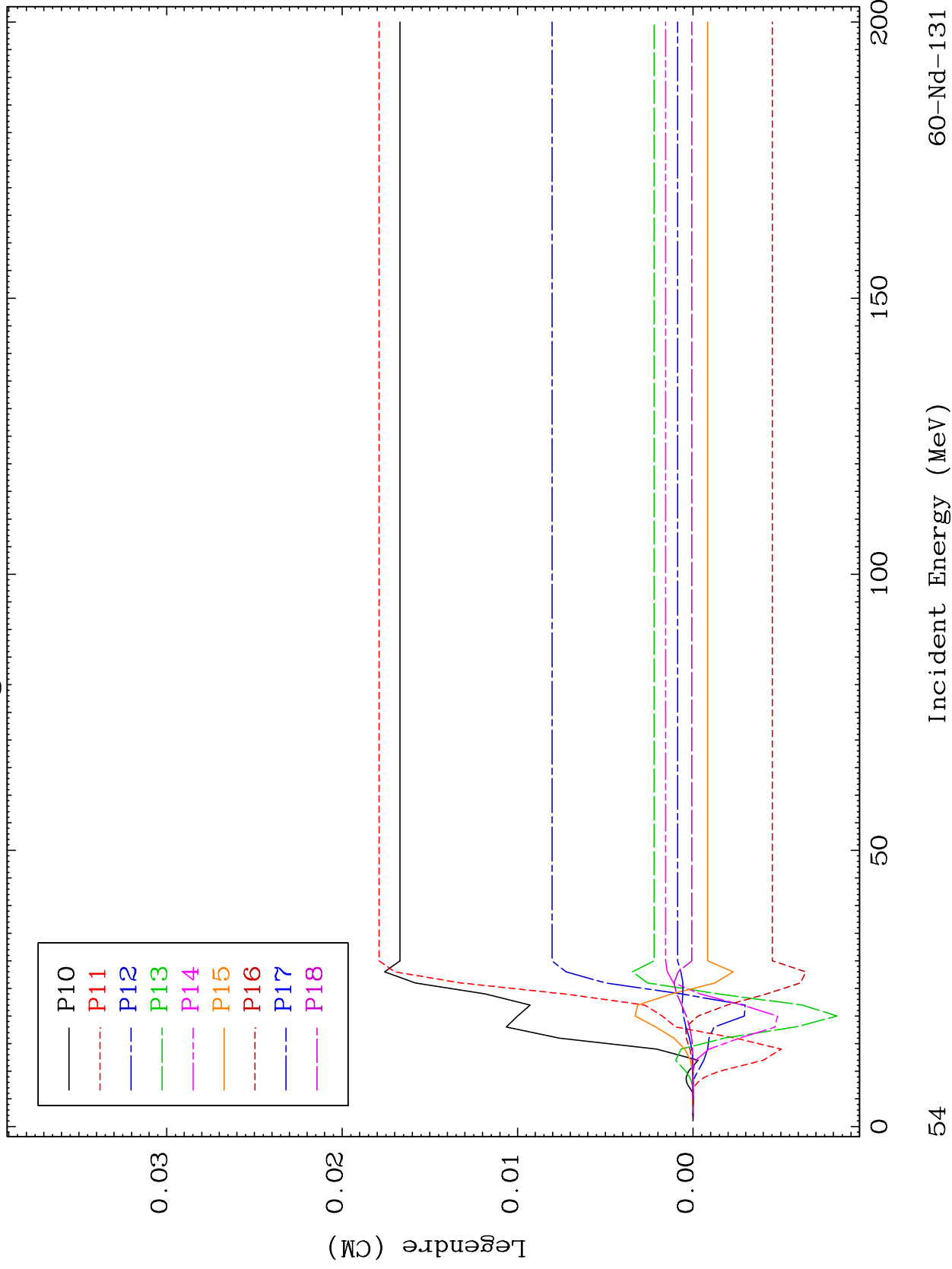
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



54

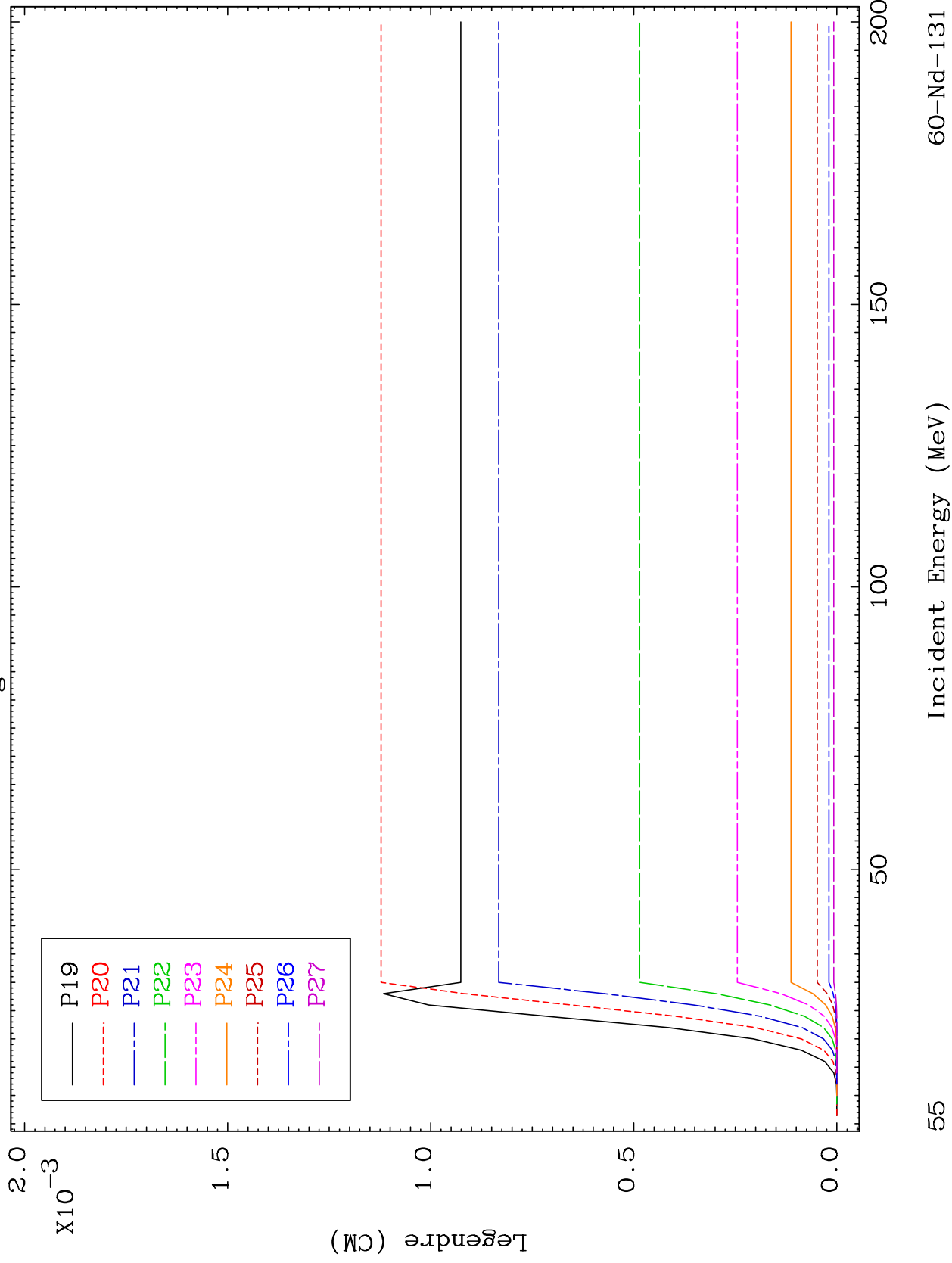
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



55

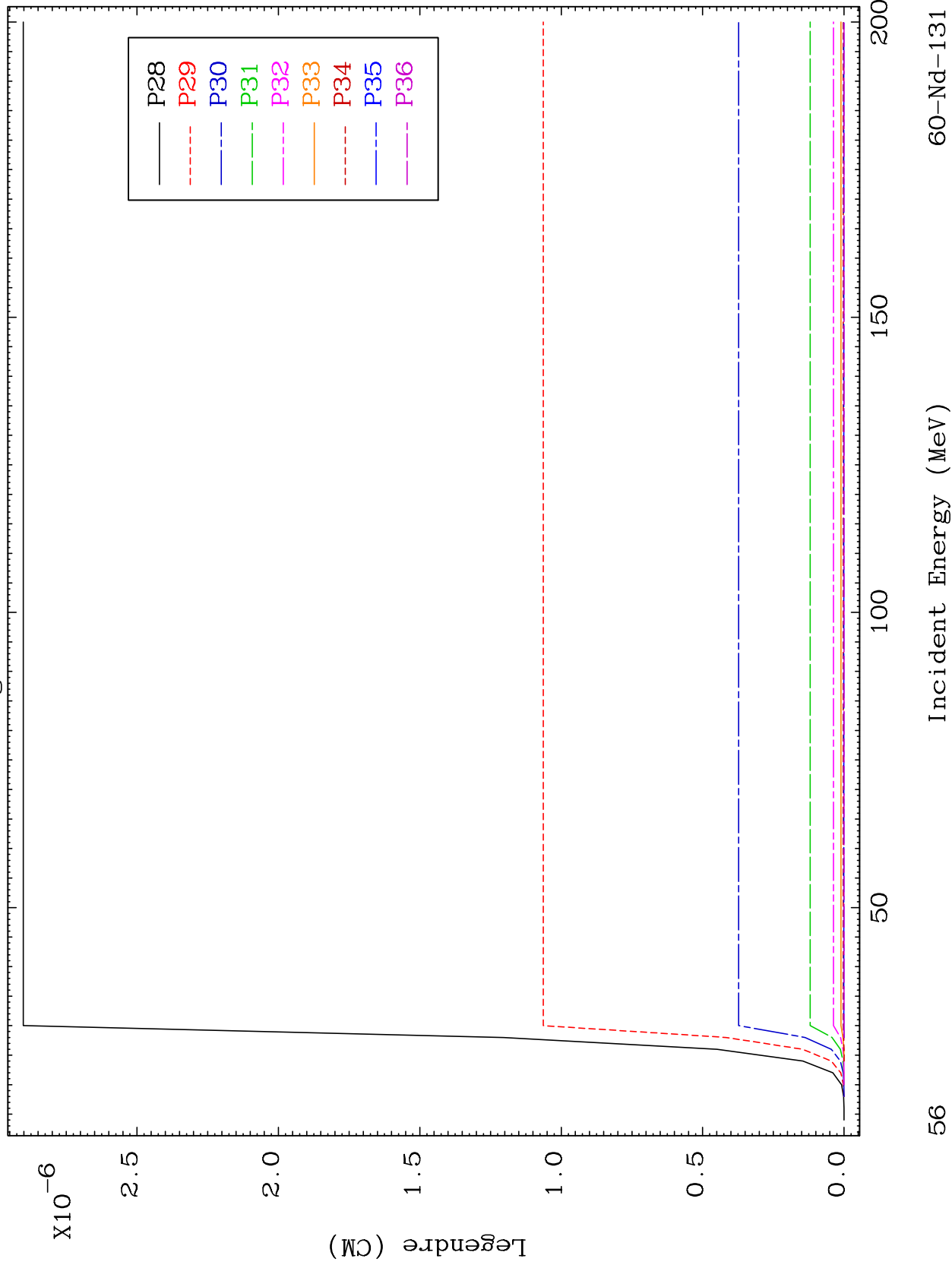
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



56

Incident Energy (MeV)

60-Nd-131

200

150

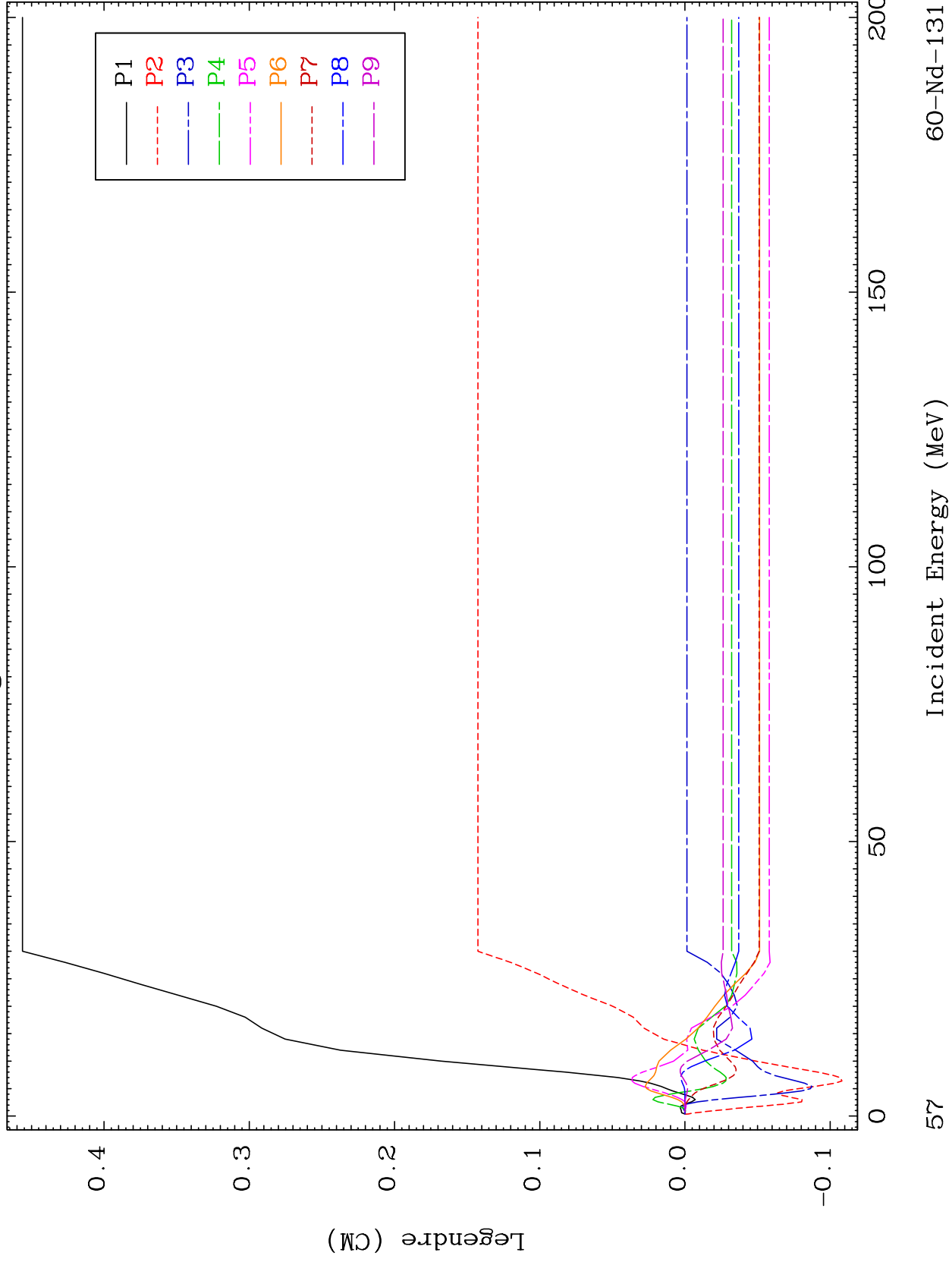
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50

MAT 5992

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

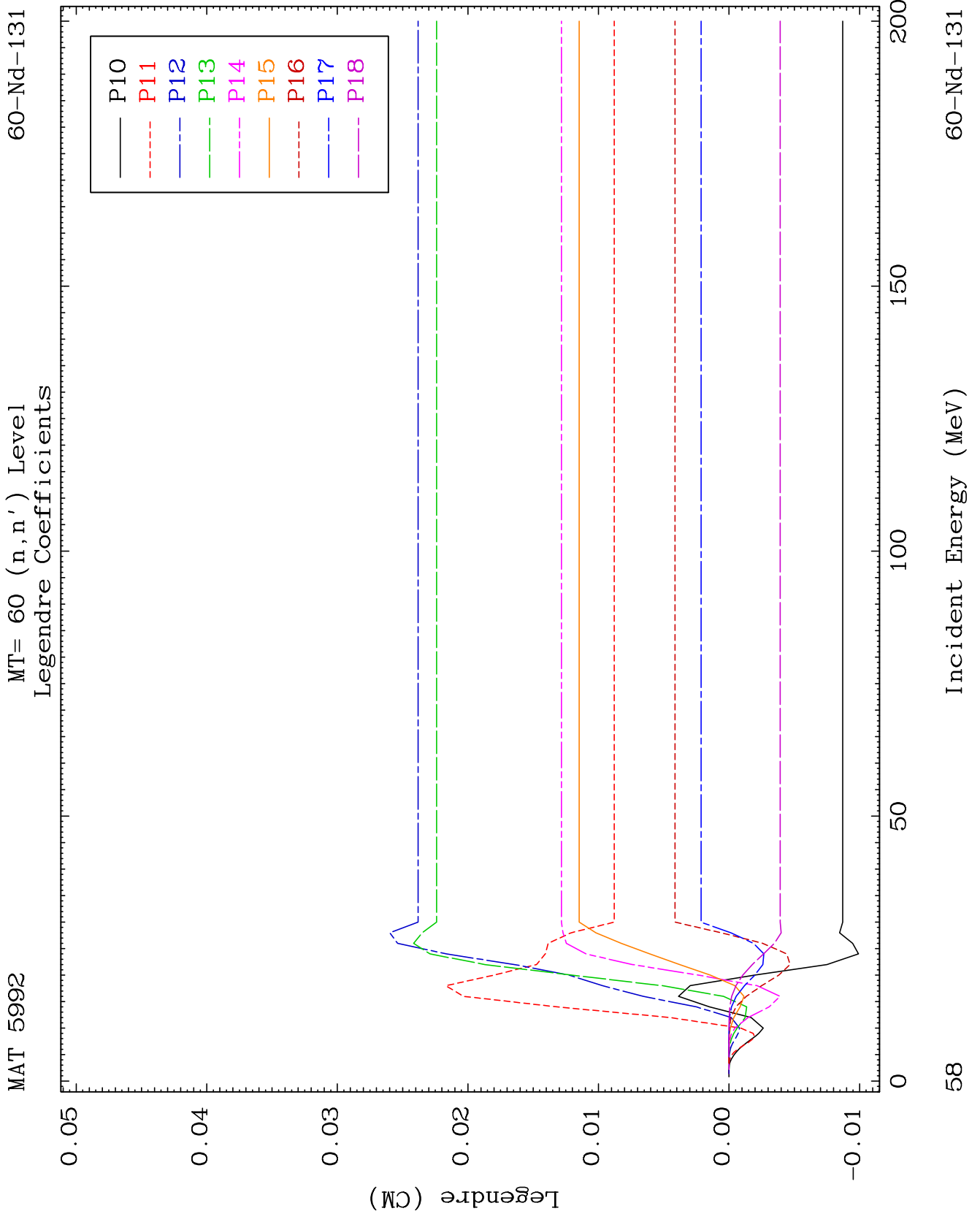
60-Nd-131



60-Nd-131

Incident Energy (MeV)

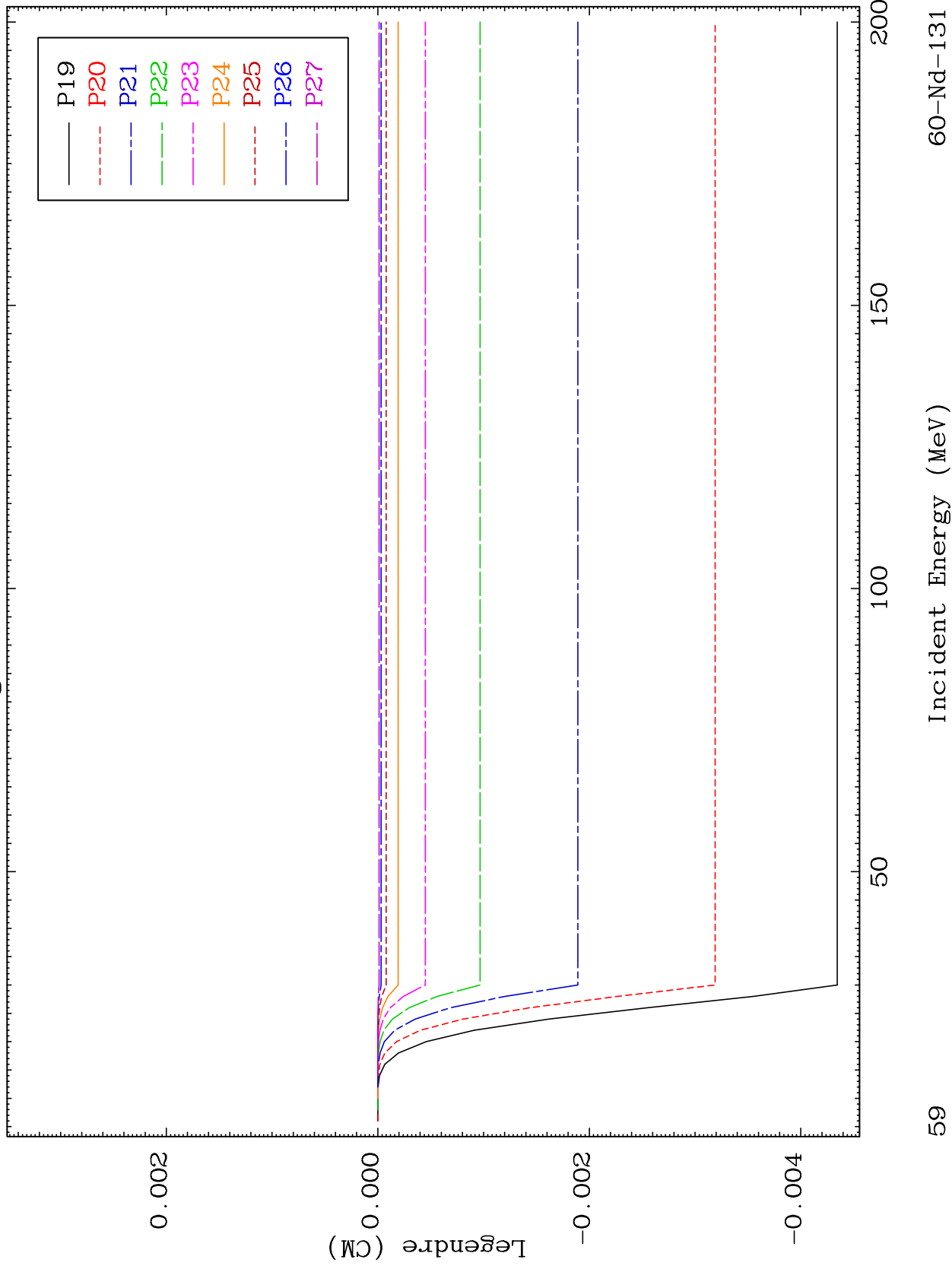
57



MAT 5992

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

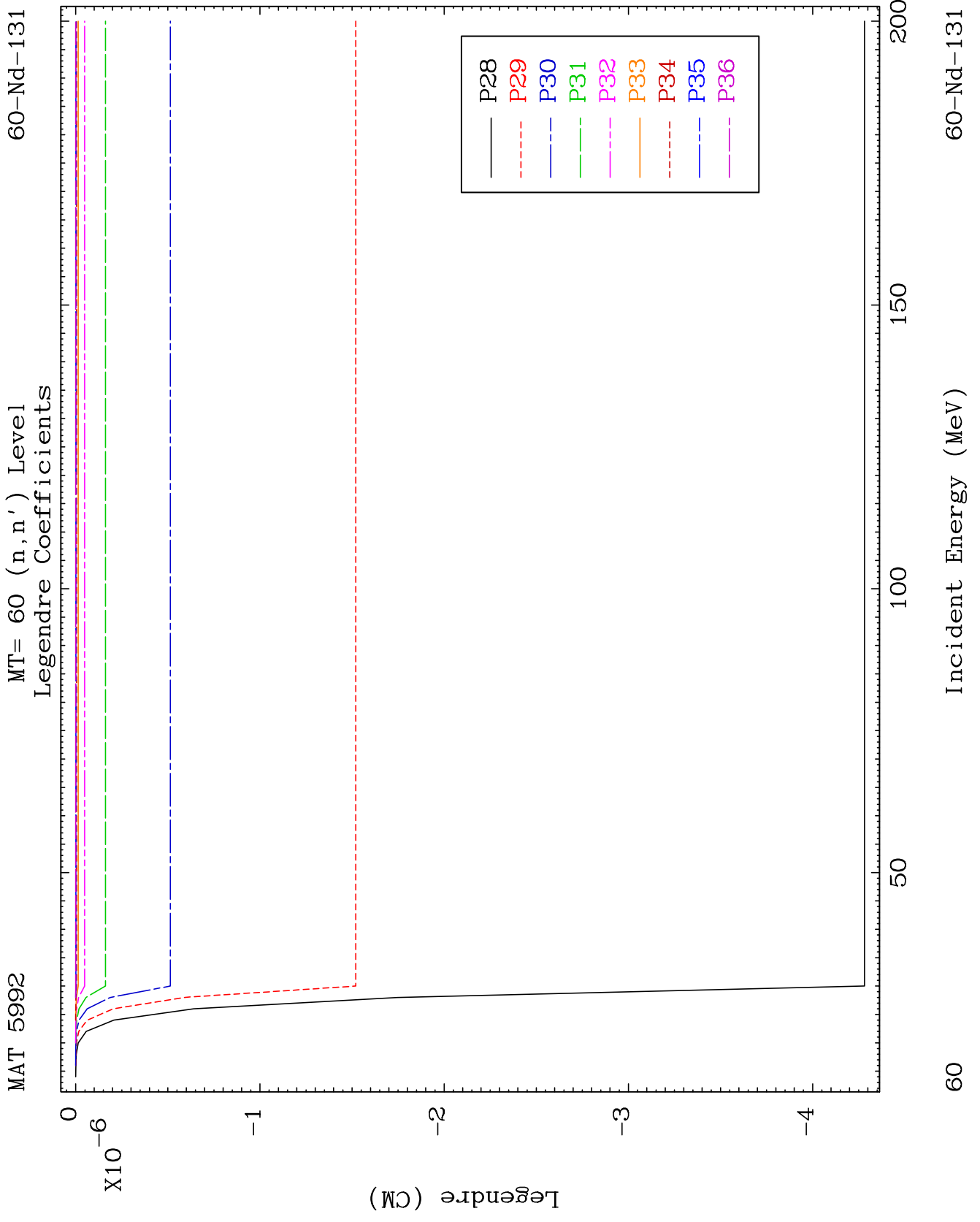
60-Nd-131



59

Incident Energy (MeV)

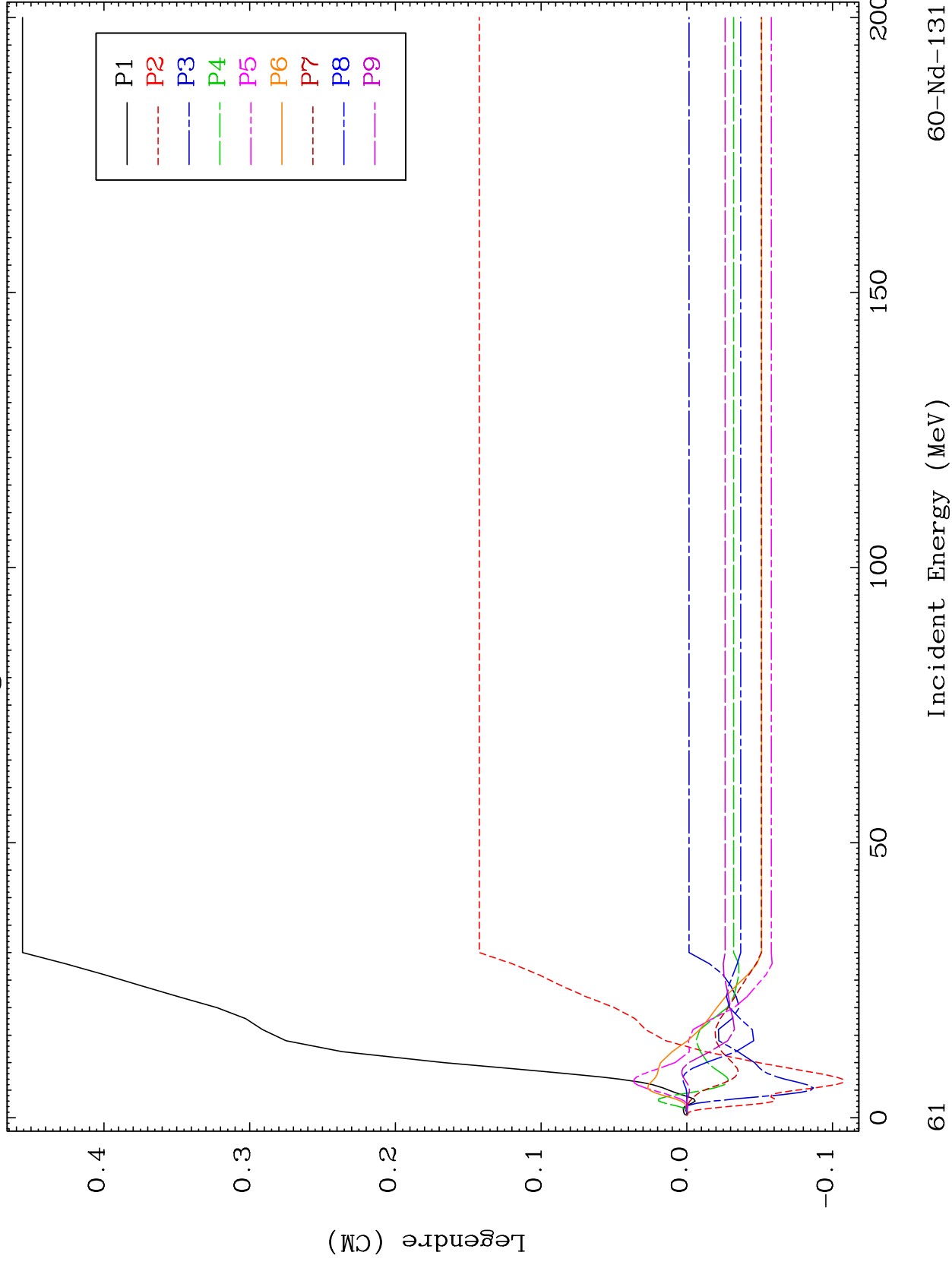
60-Nd-131



MAT 5992

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

60-Nd-131



60-Nd-131

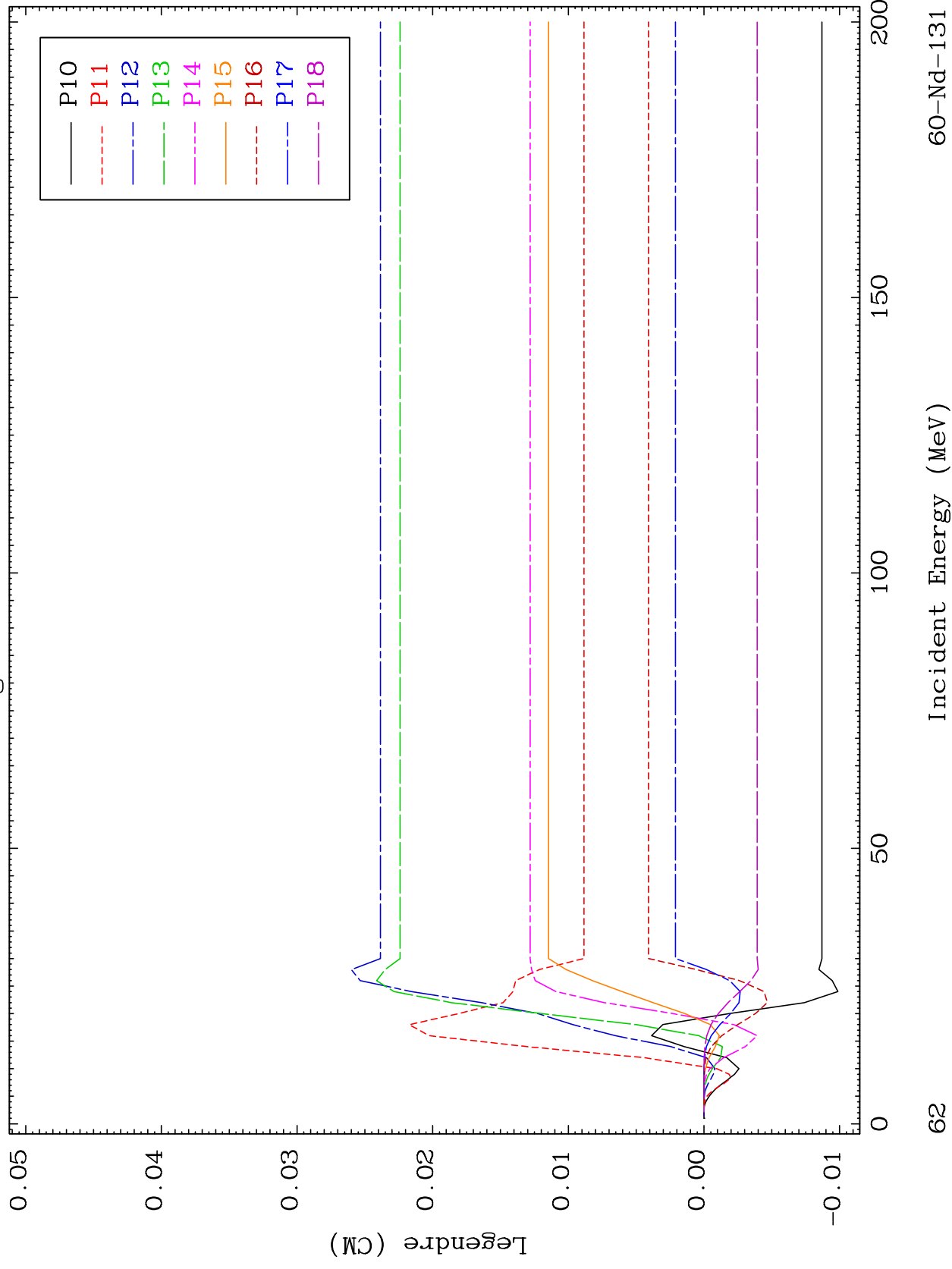
Incident Energy (MeV)

61

MAT 5992

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

60-Nd-131



62

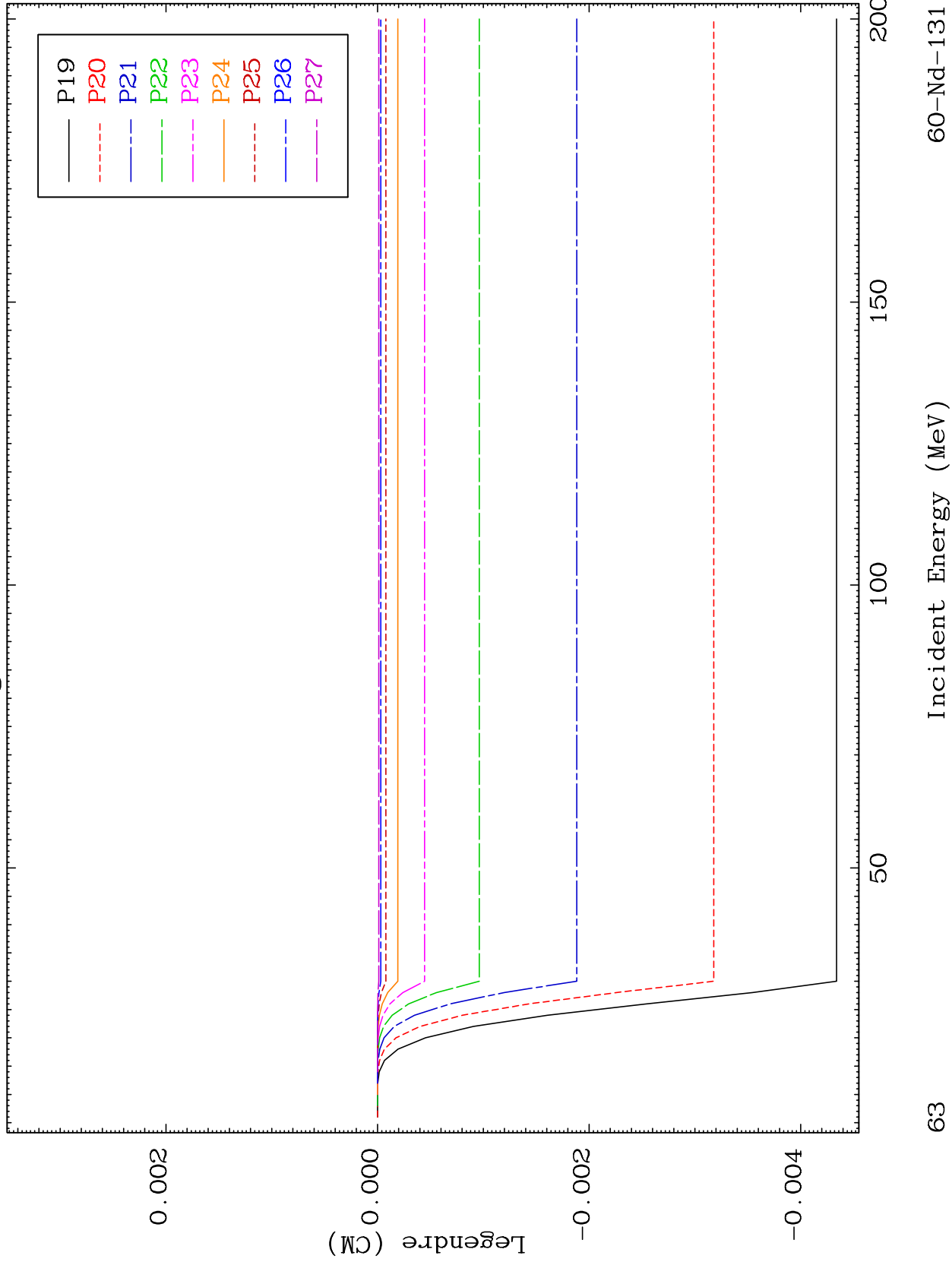
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

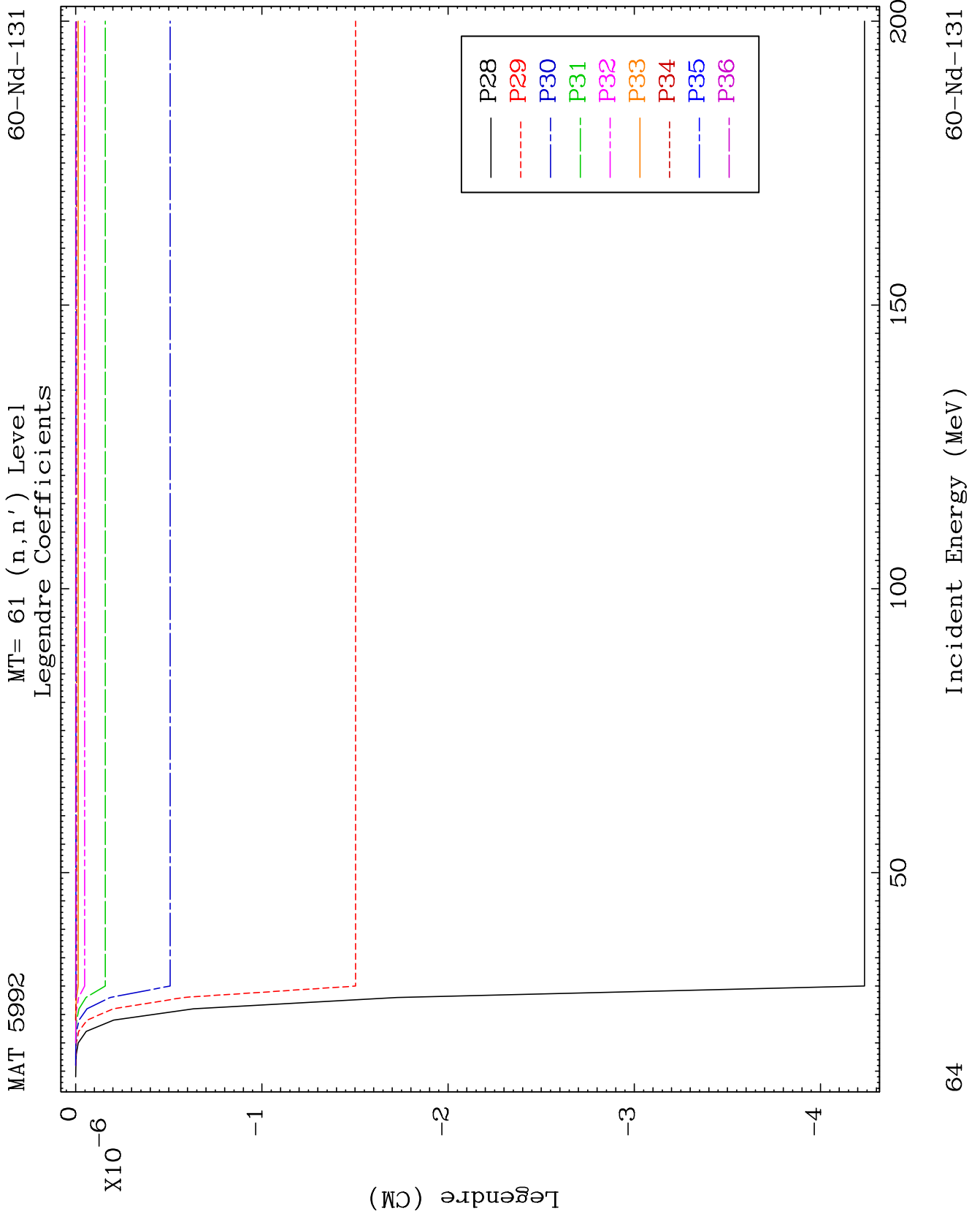
60-Nd-131



63

Incident Energy (MeV)

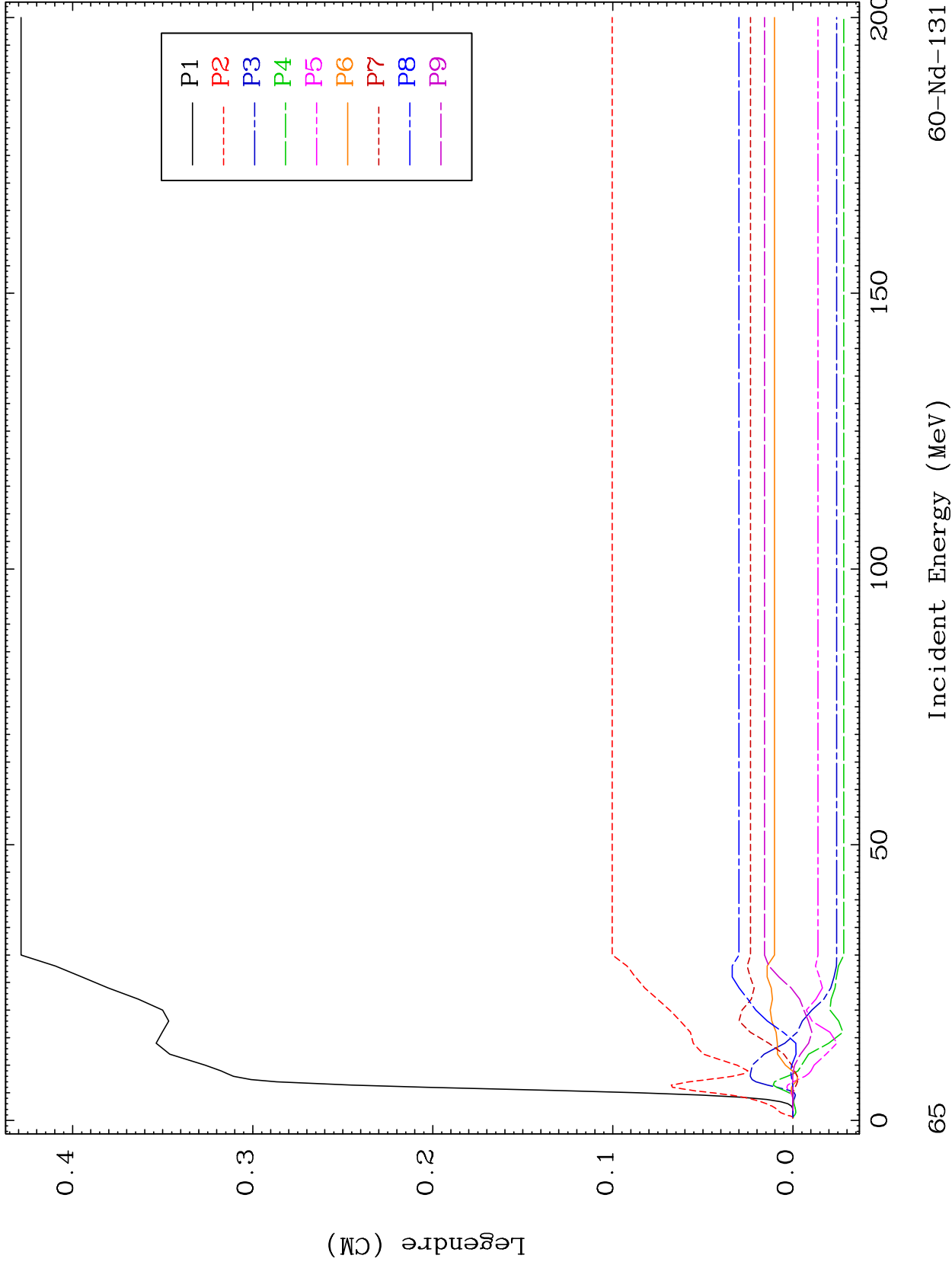
60-Nd-131



MAT 5992

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

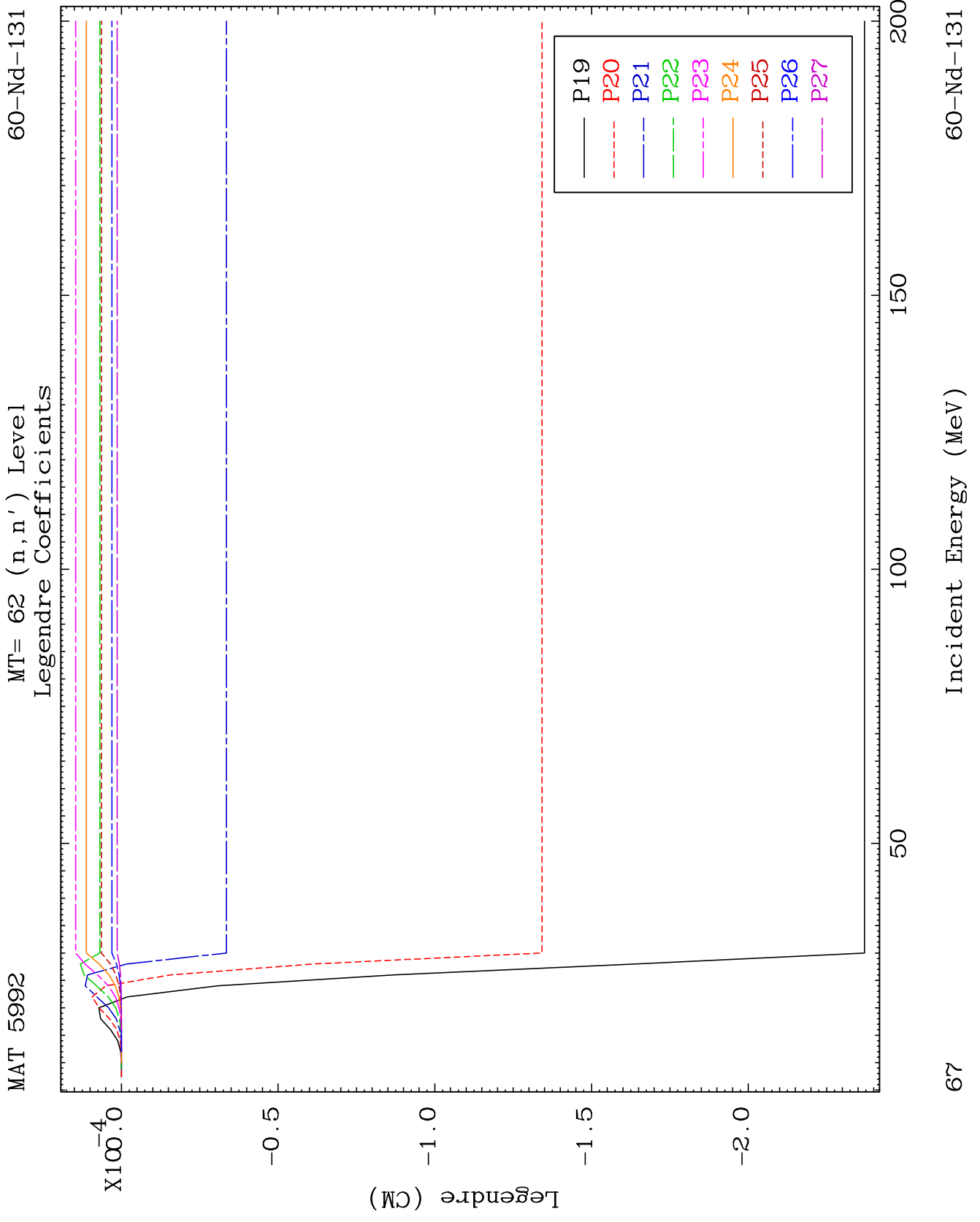
60-Nd-131



60-Nd-131

Incident Energy (MeV)

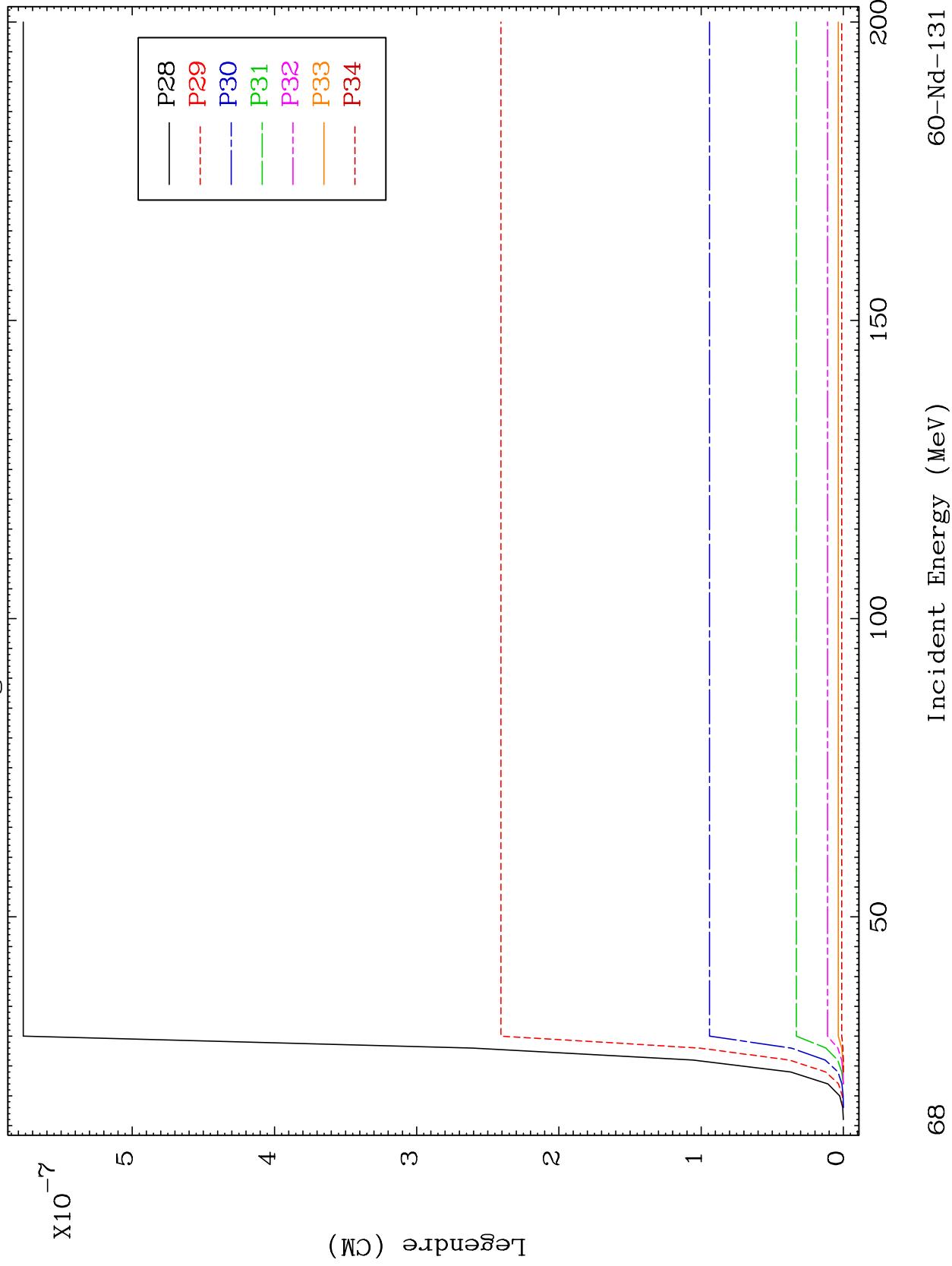
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MAT 5992

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

60-Nd-131

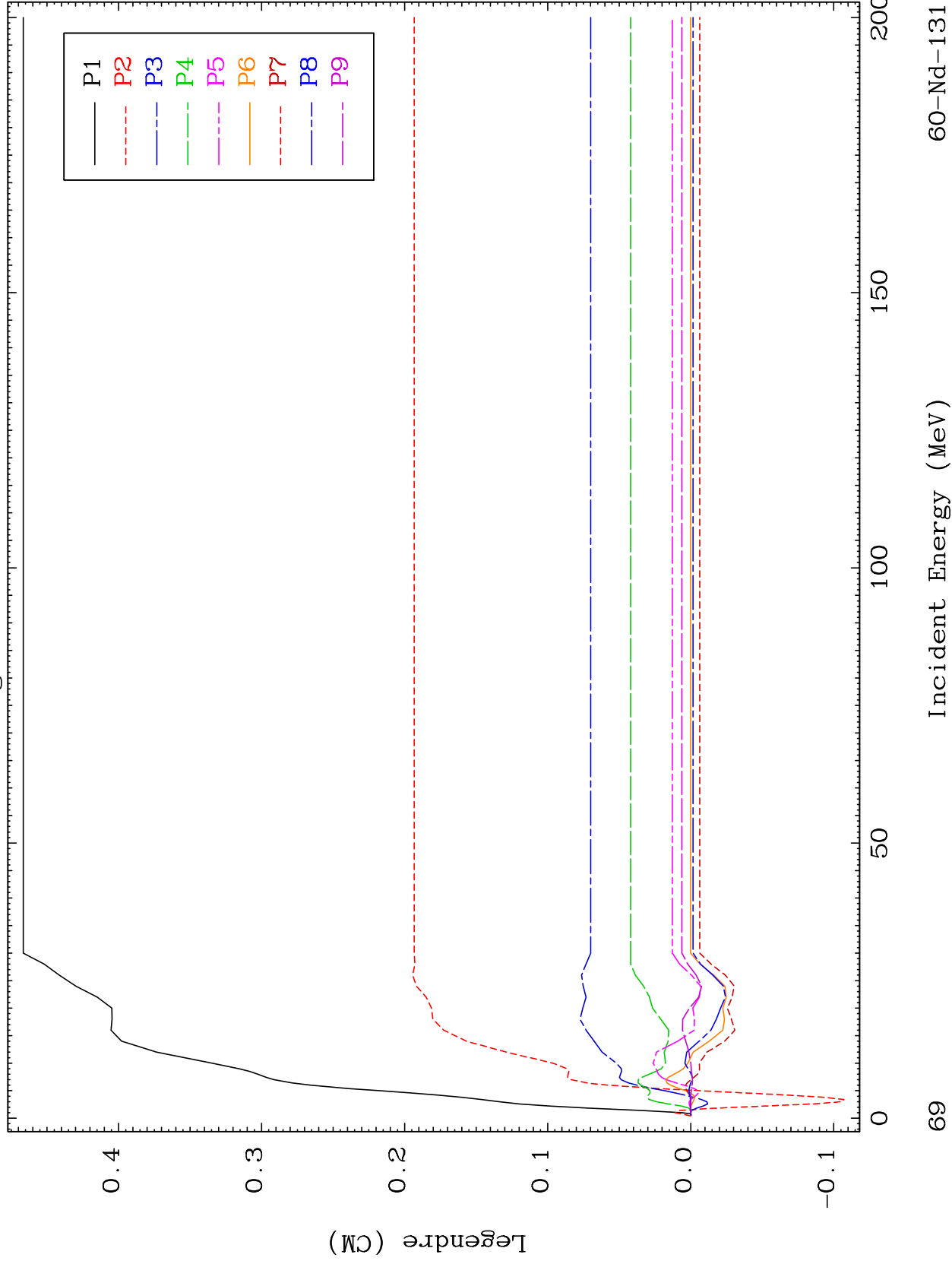


68

MAT 5992

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

60-Nd-131



60-Nd-131

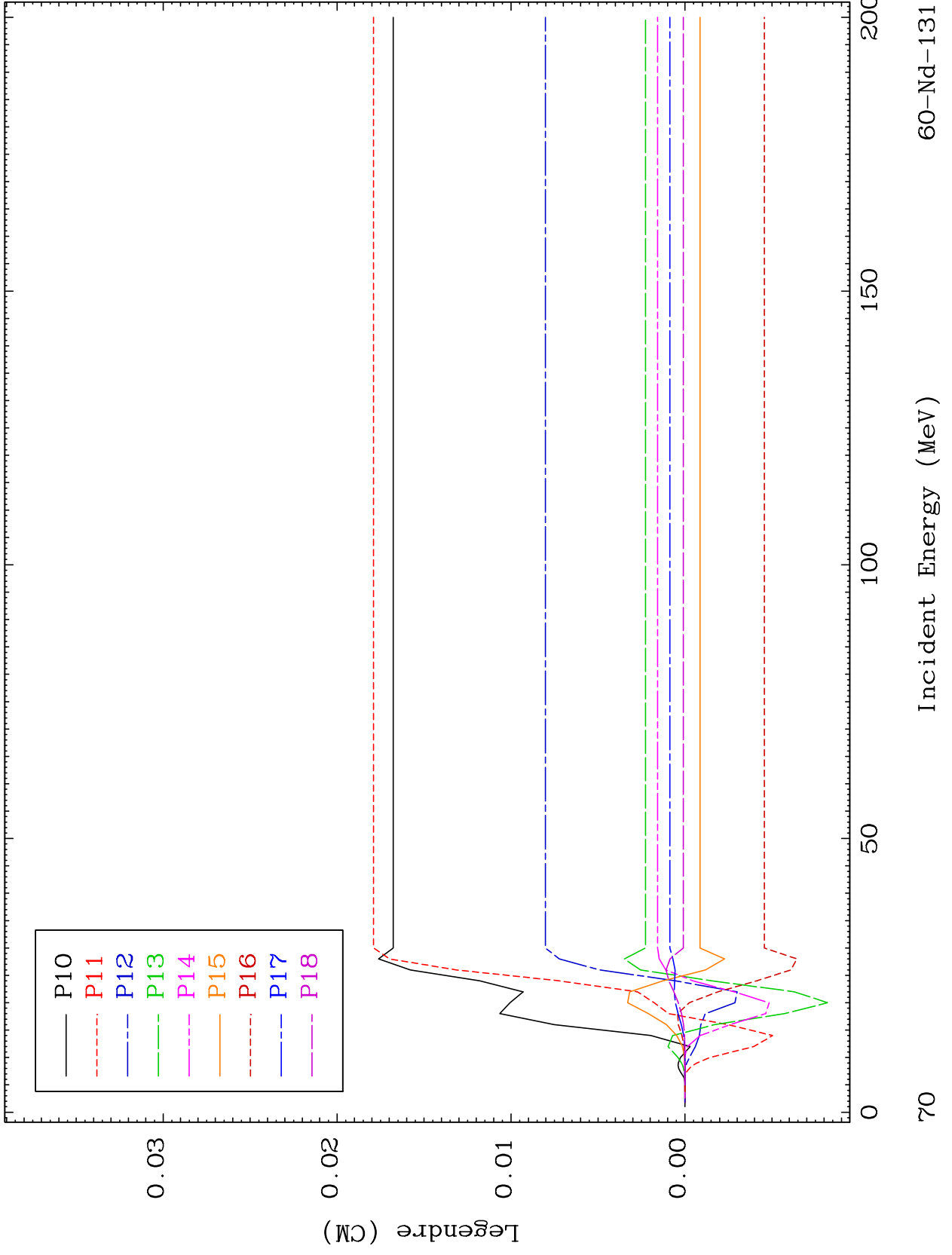
Incident Energy (MeV)

69

MAT 5992

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

60-Nd-131



60-Nd-131

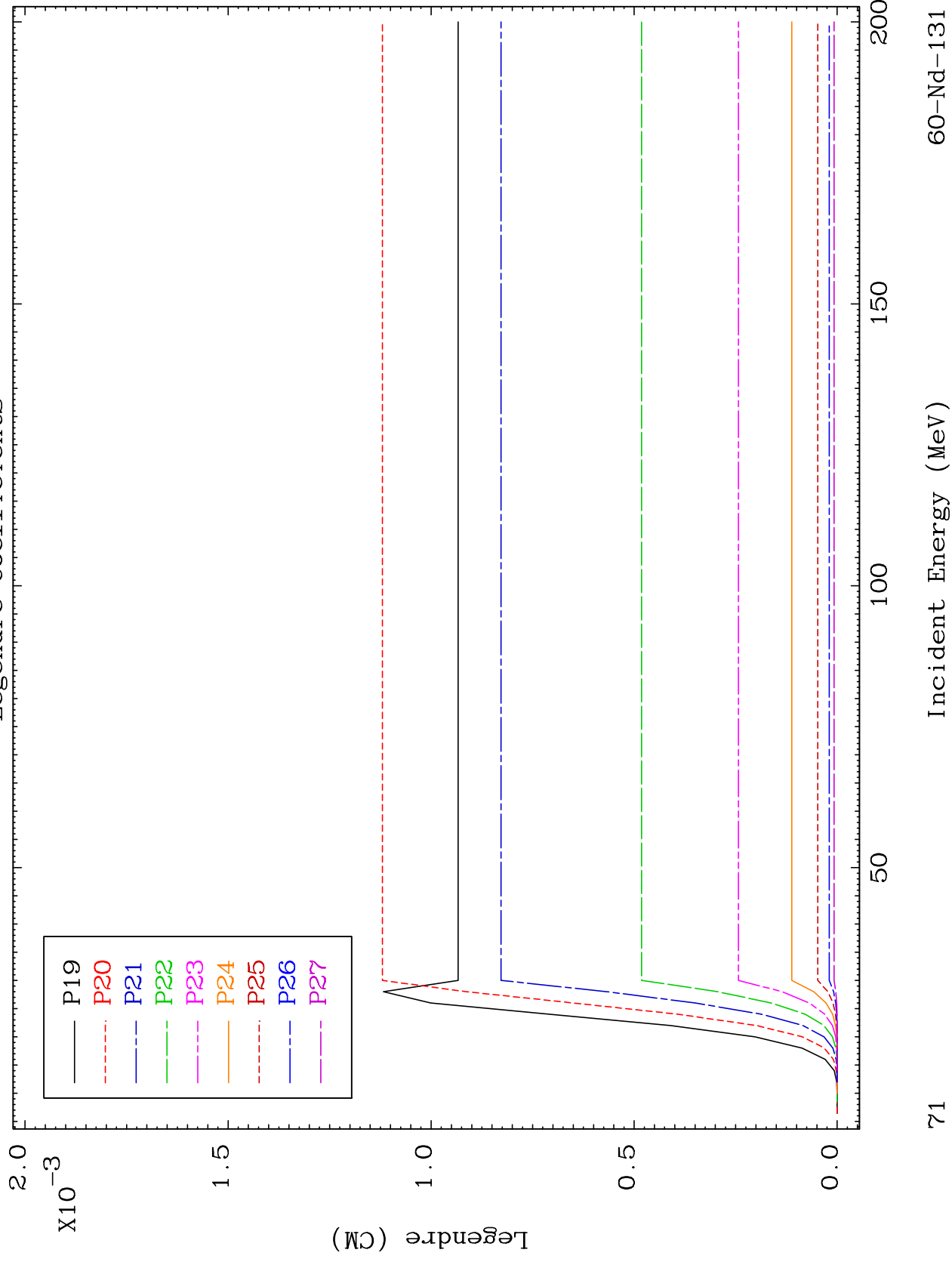
Incident Energy (MeV)

70

MAT 5992

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

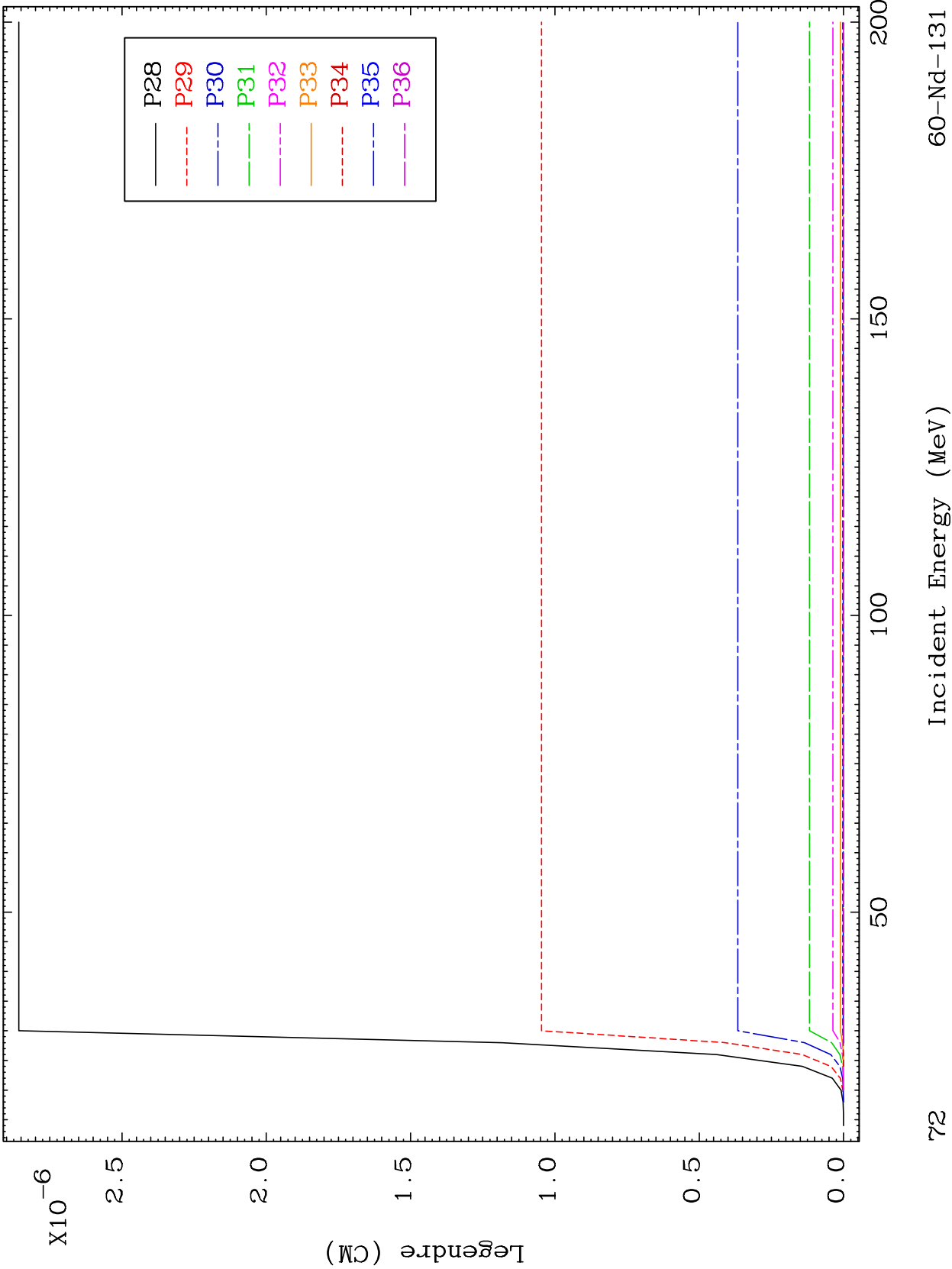
60-Nd-131



MAT 5992

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

60-Nd-131



72

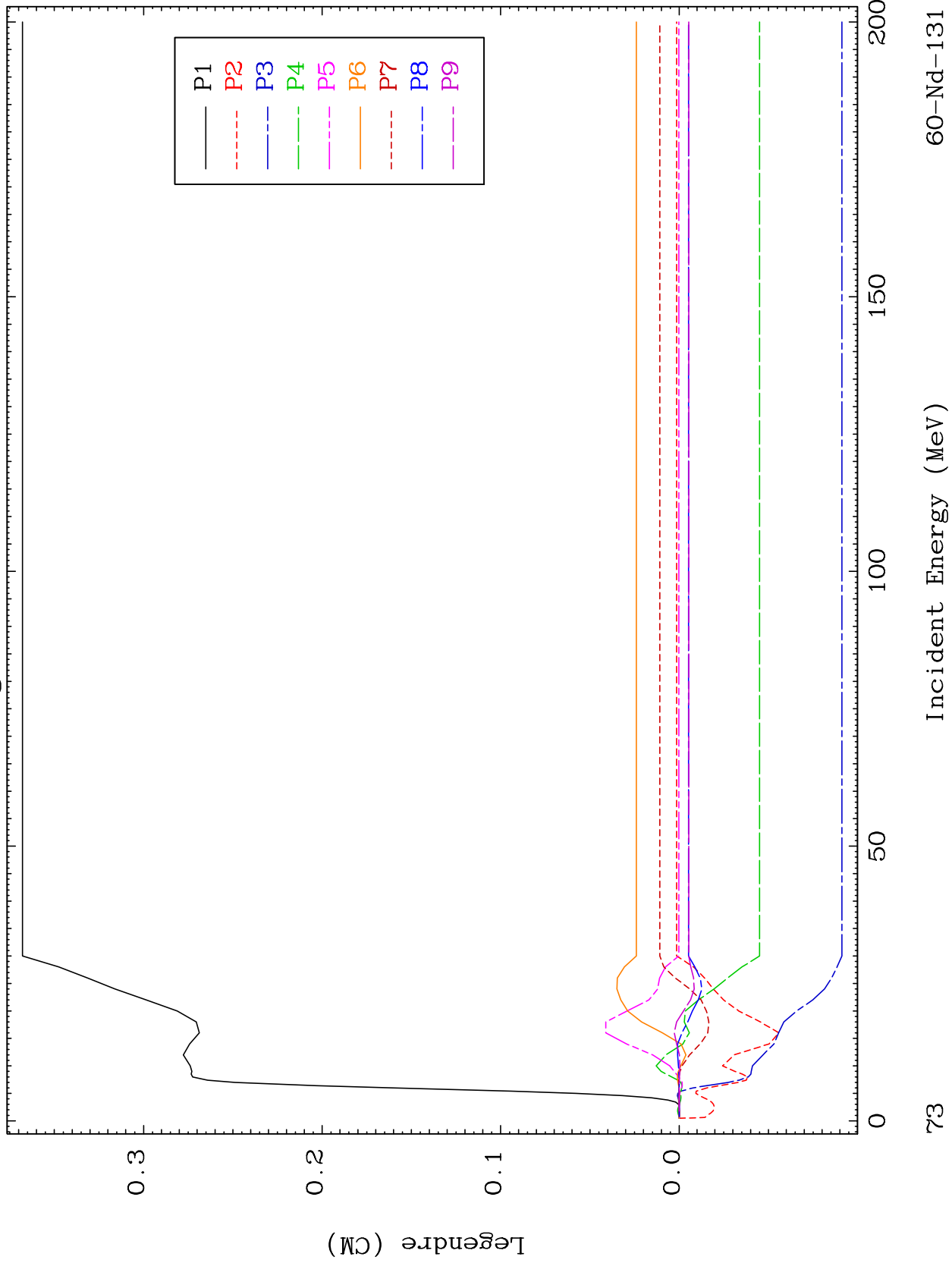
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



60-Nd-131

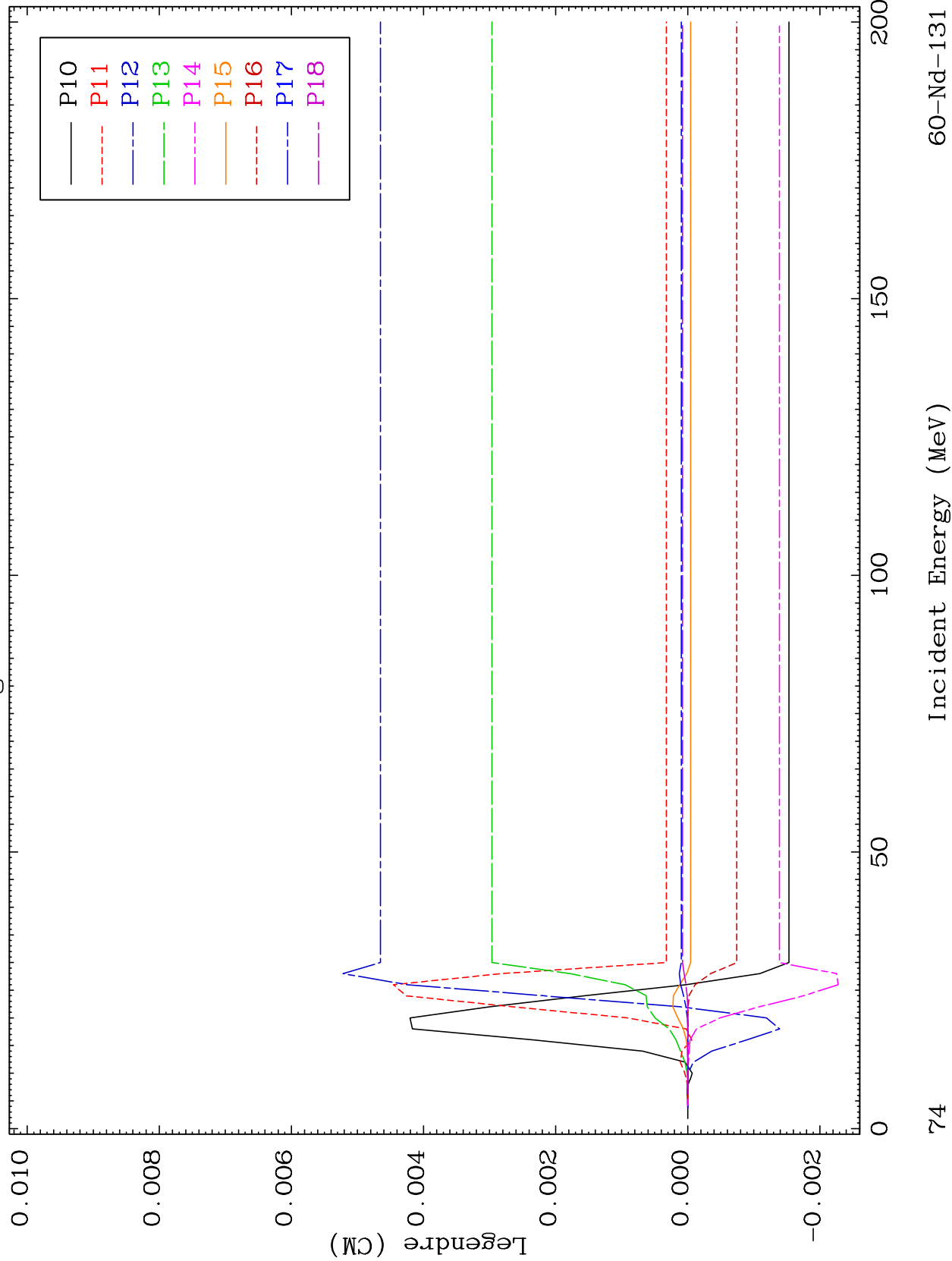
Incident Energy (MeV)

73

MAT 5992

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

60-Nd-131



74

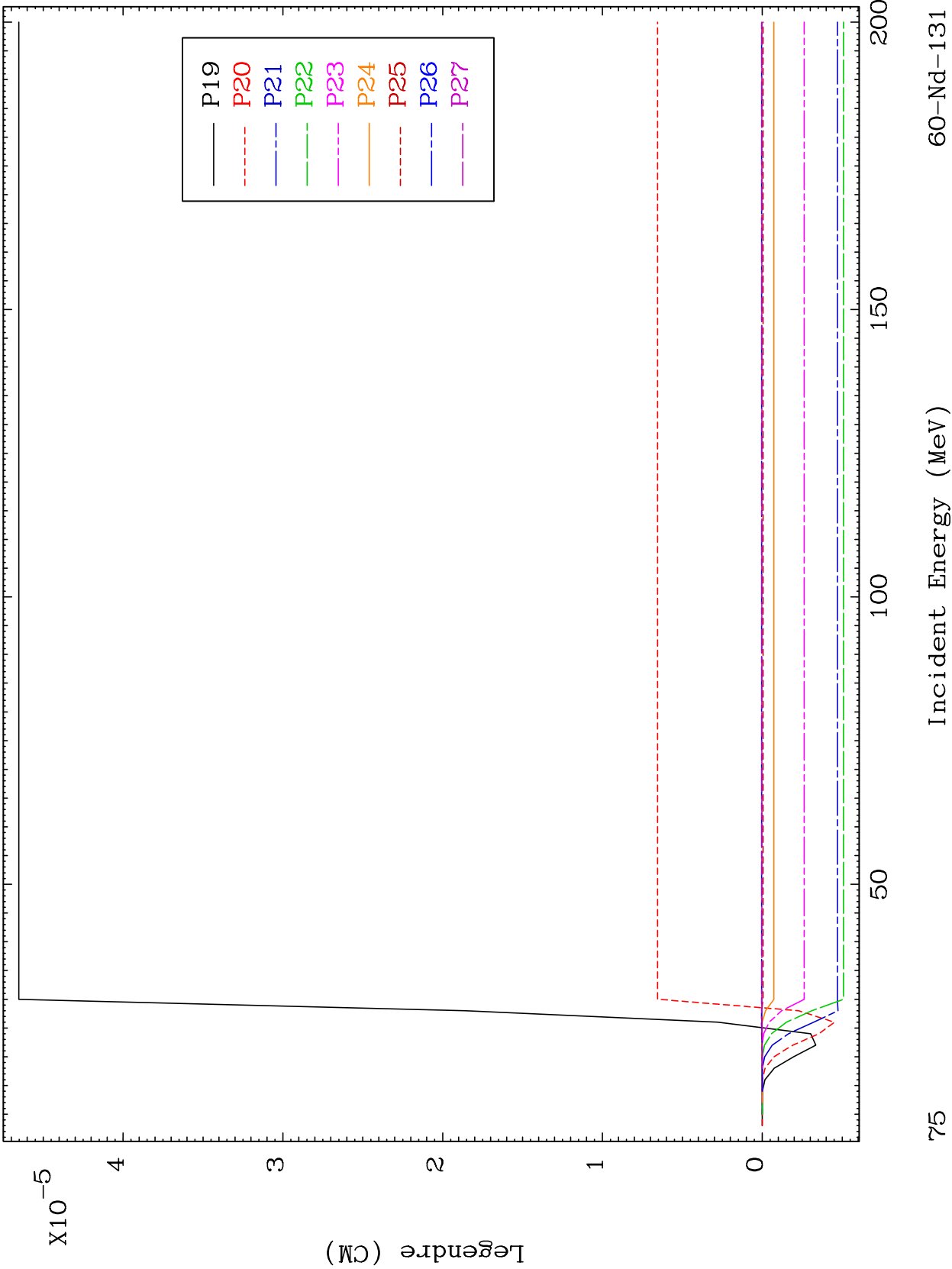
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

60-Nd-131



75

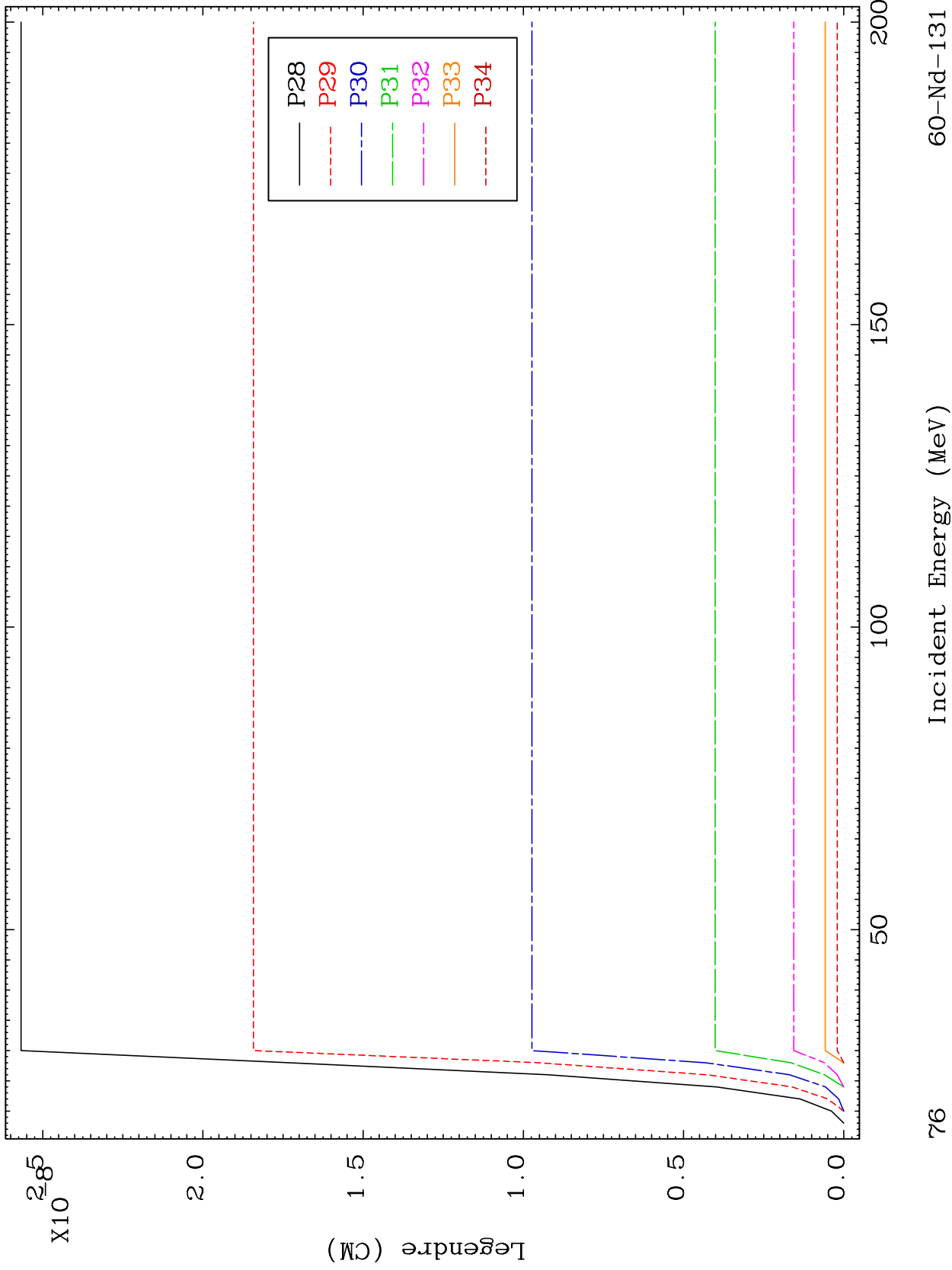
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

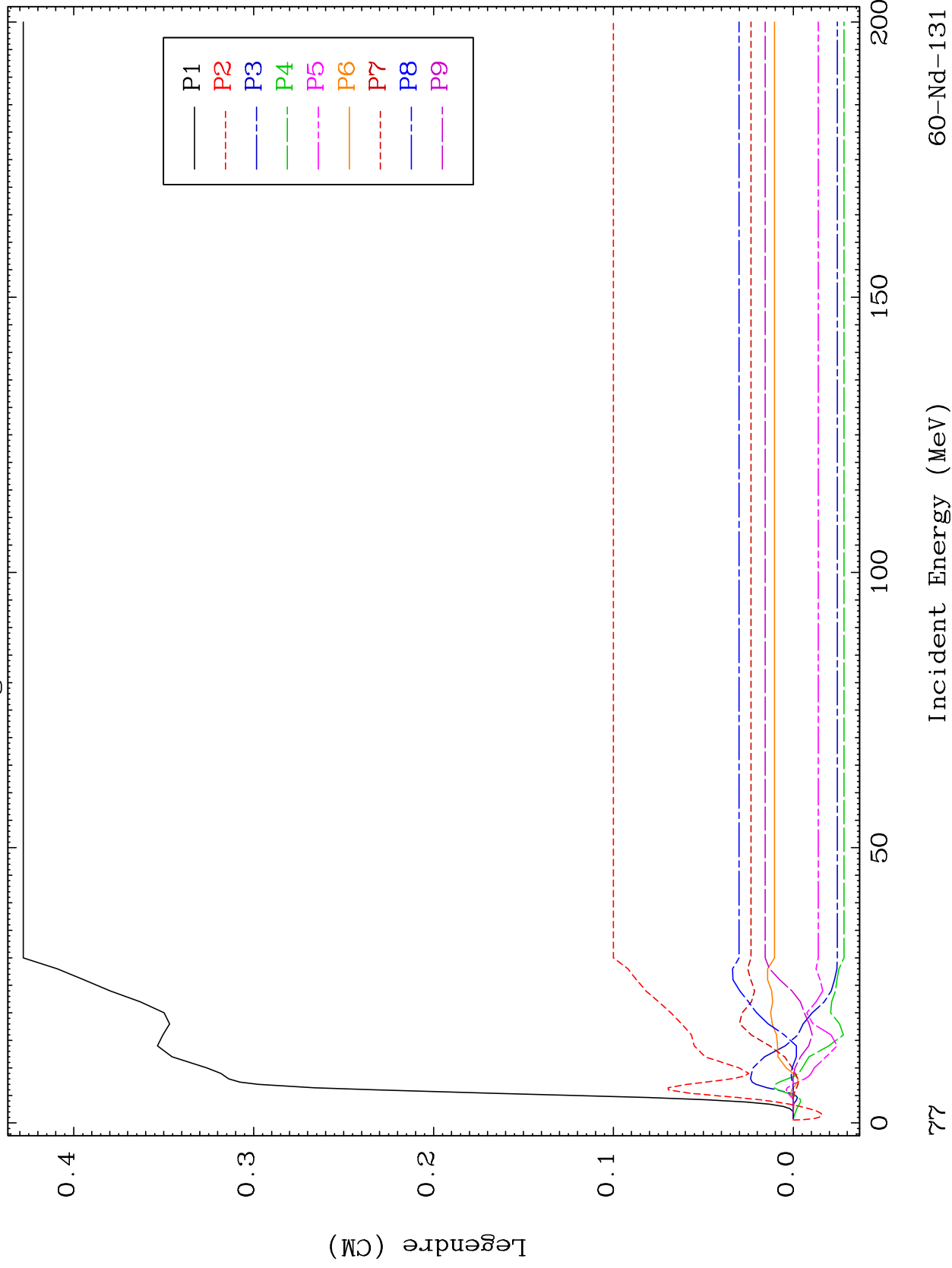
60-Nd-131



MAT 5992

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

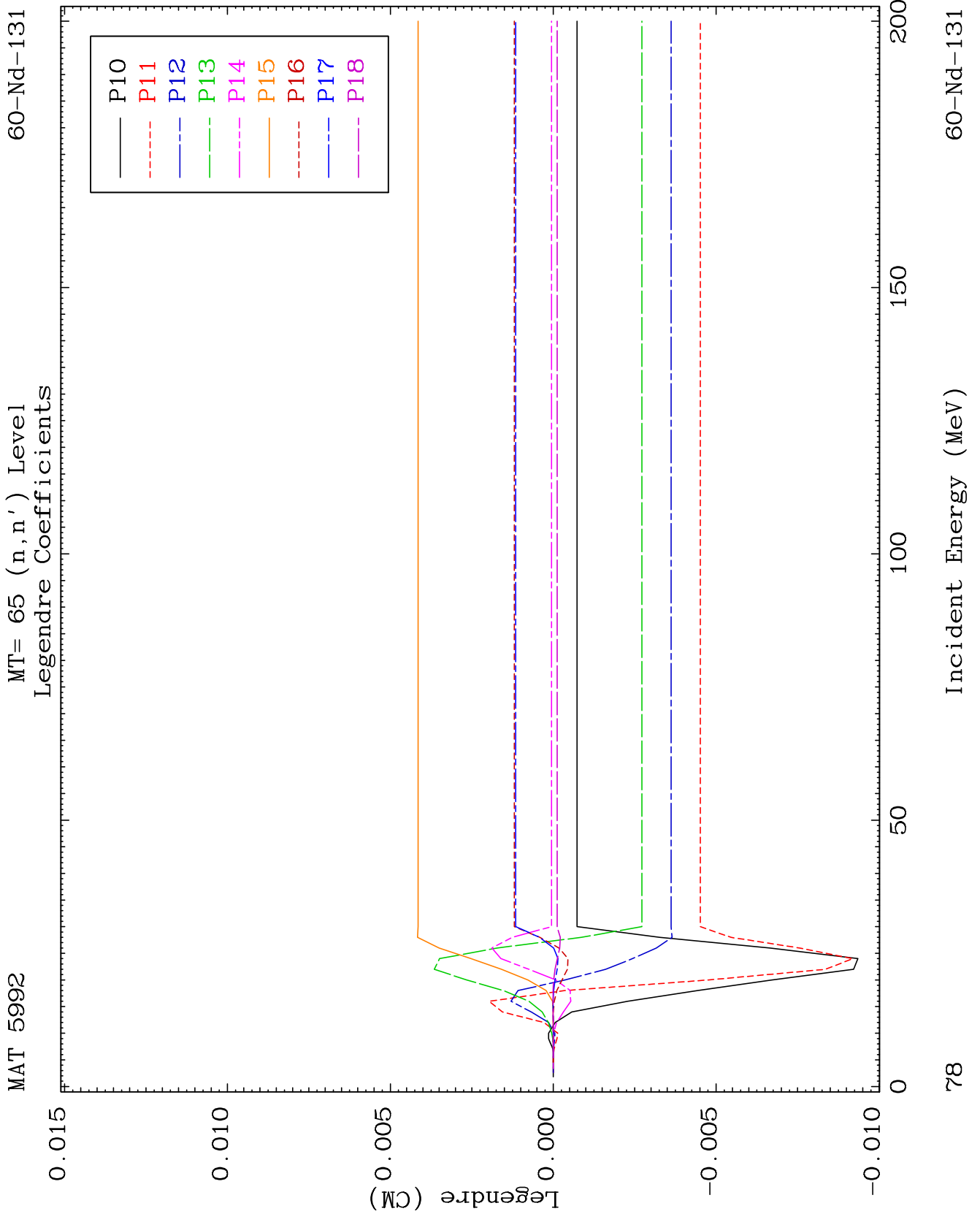
60-Nd-131



77

Incident Energy (MeV)

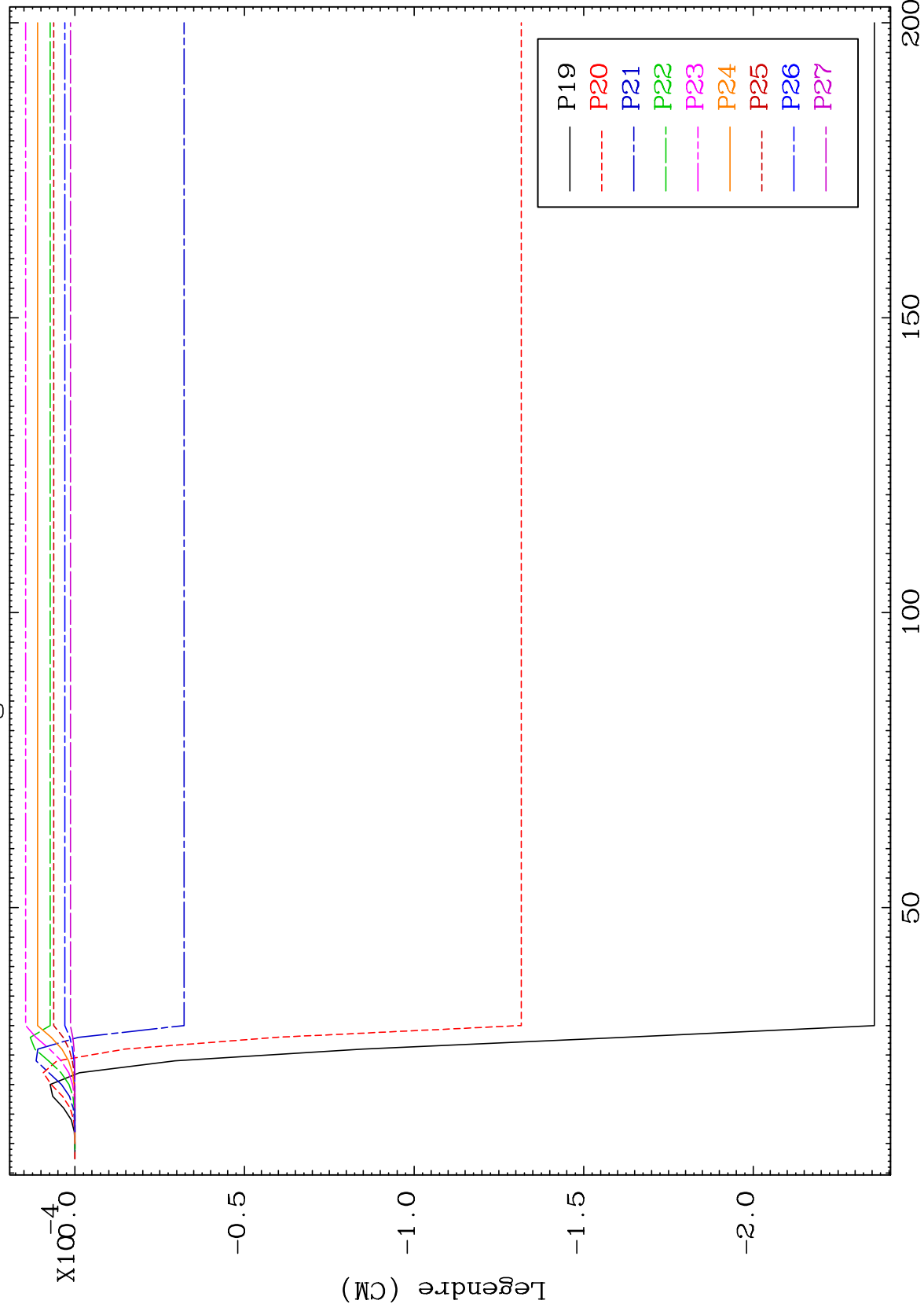
60-Nd-131



MAT 5992

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

60-Nd-131



79

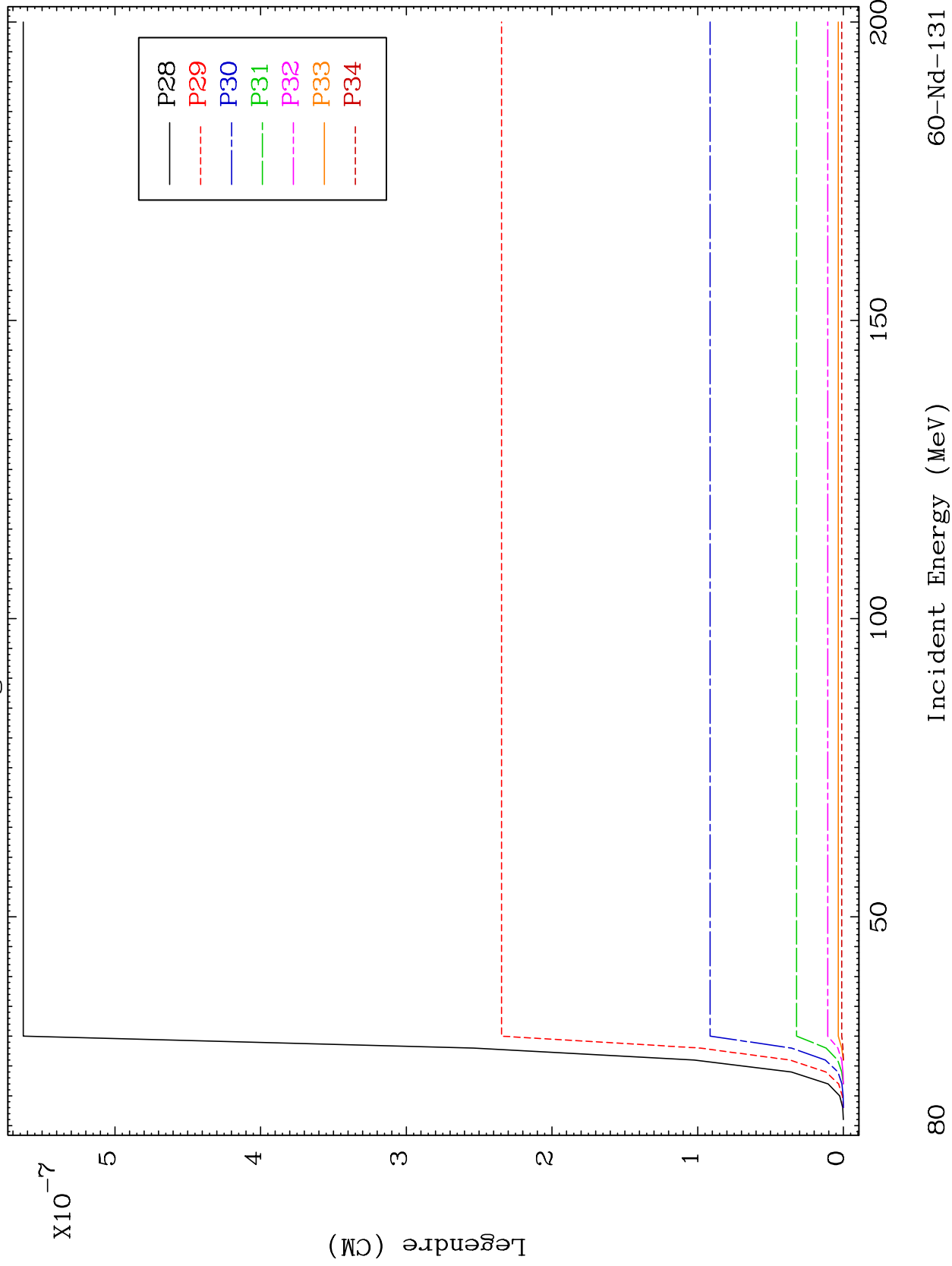
Incident Energy (MeV)

60-Nd-131

MAT 5992

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

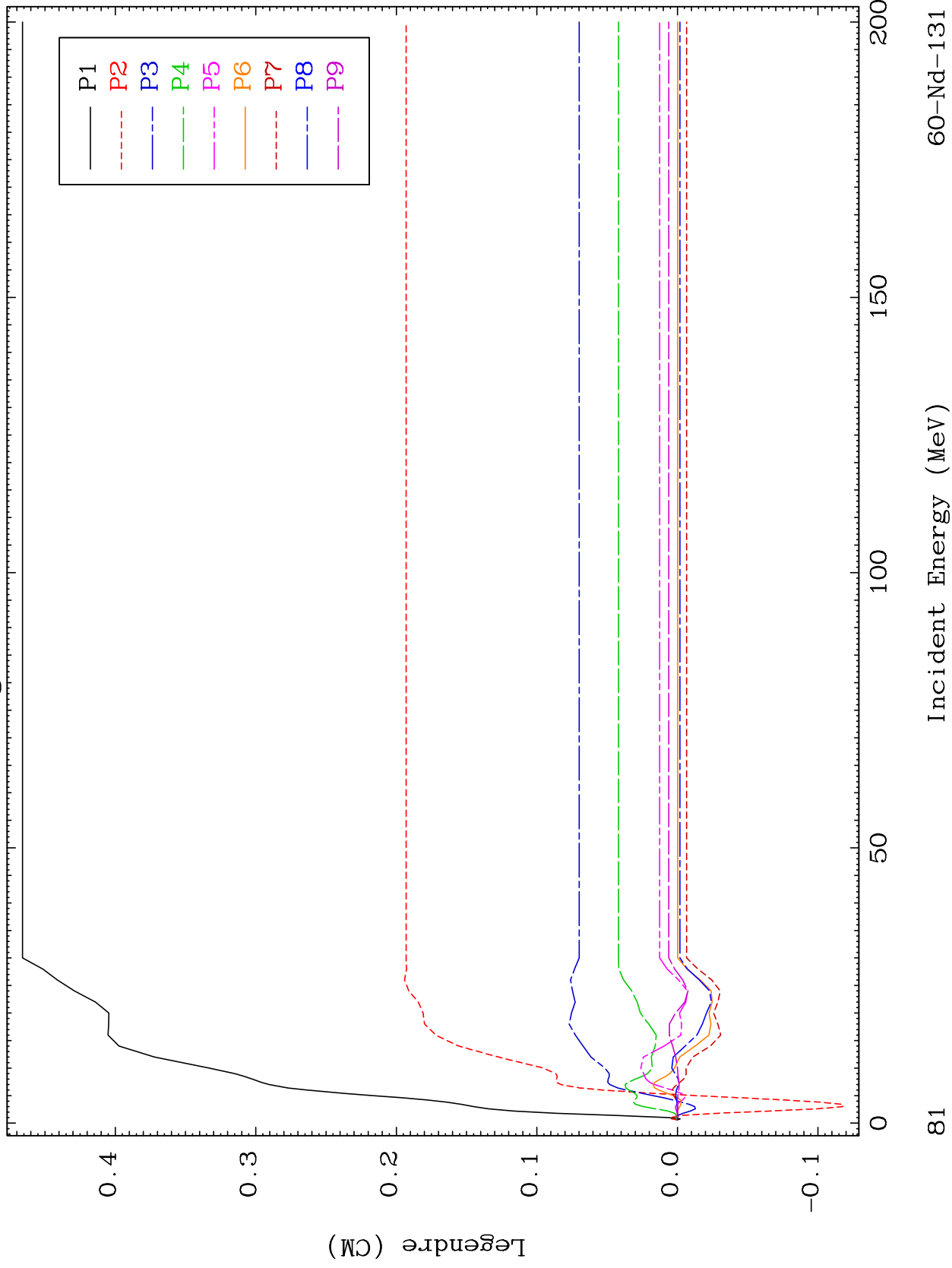
60-Nd-131



MAT 5992

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

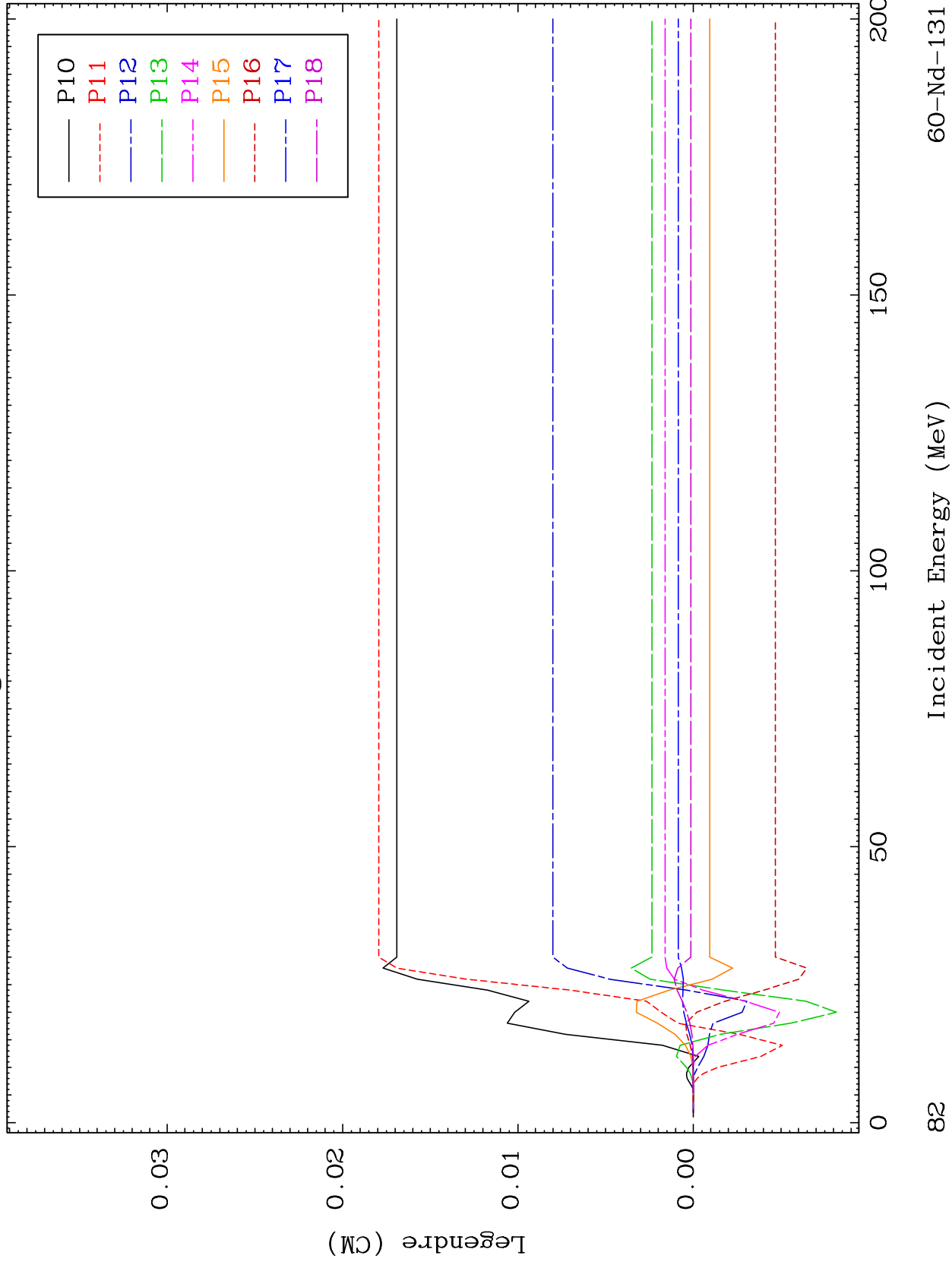
60-Nd-131



MAT 5992

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

60-Nd-131



60-Nd-131

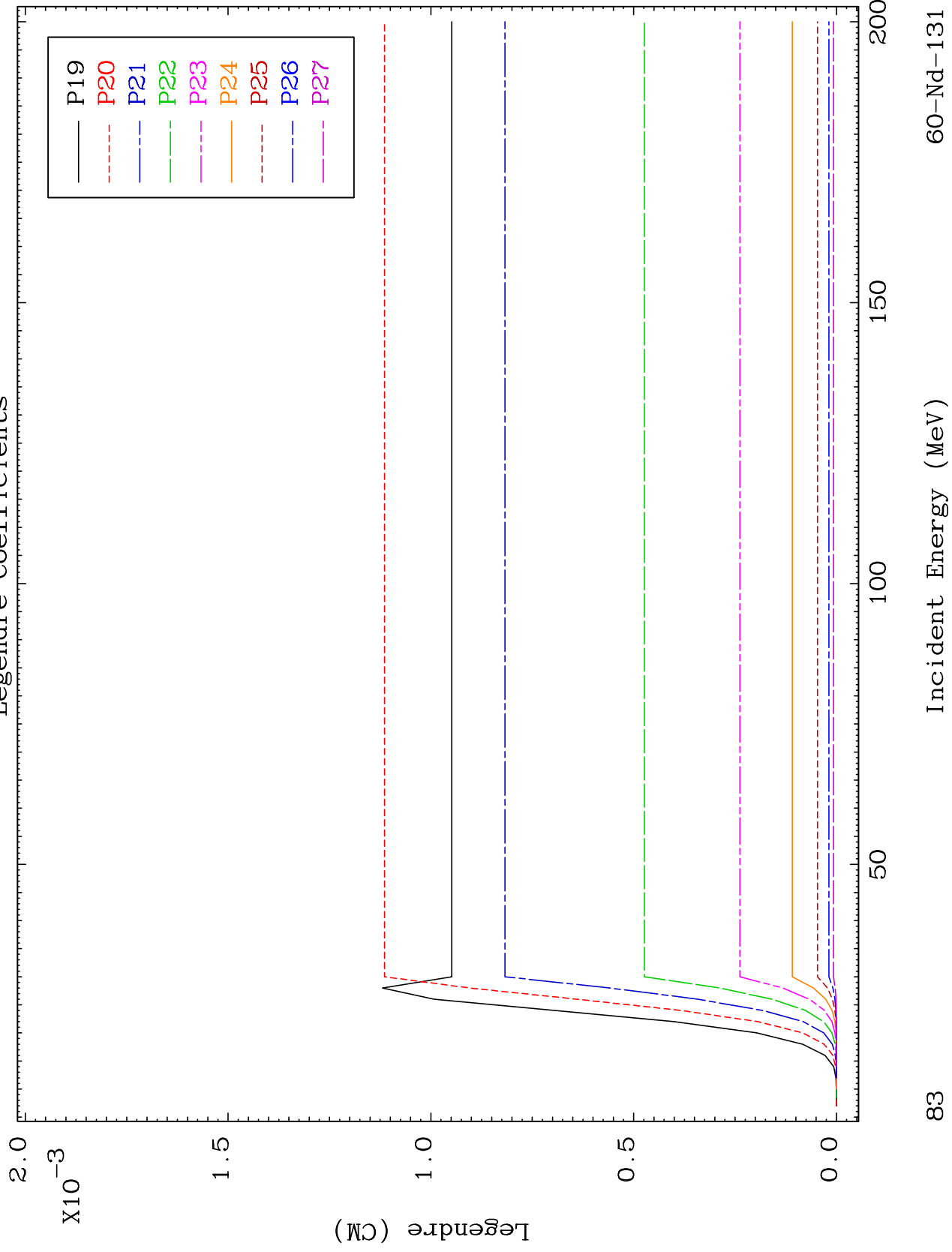
Incident Energy (MeV)

82

MAT 5992

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

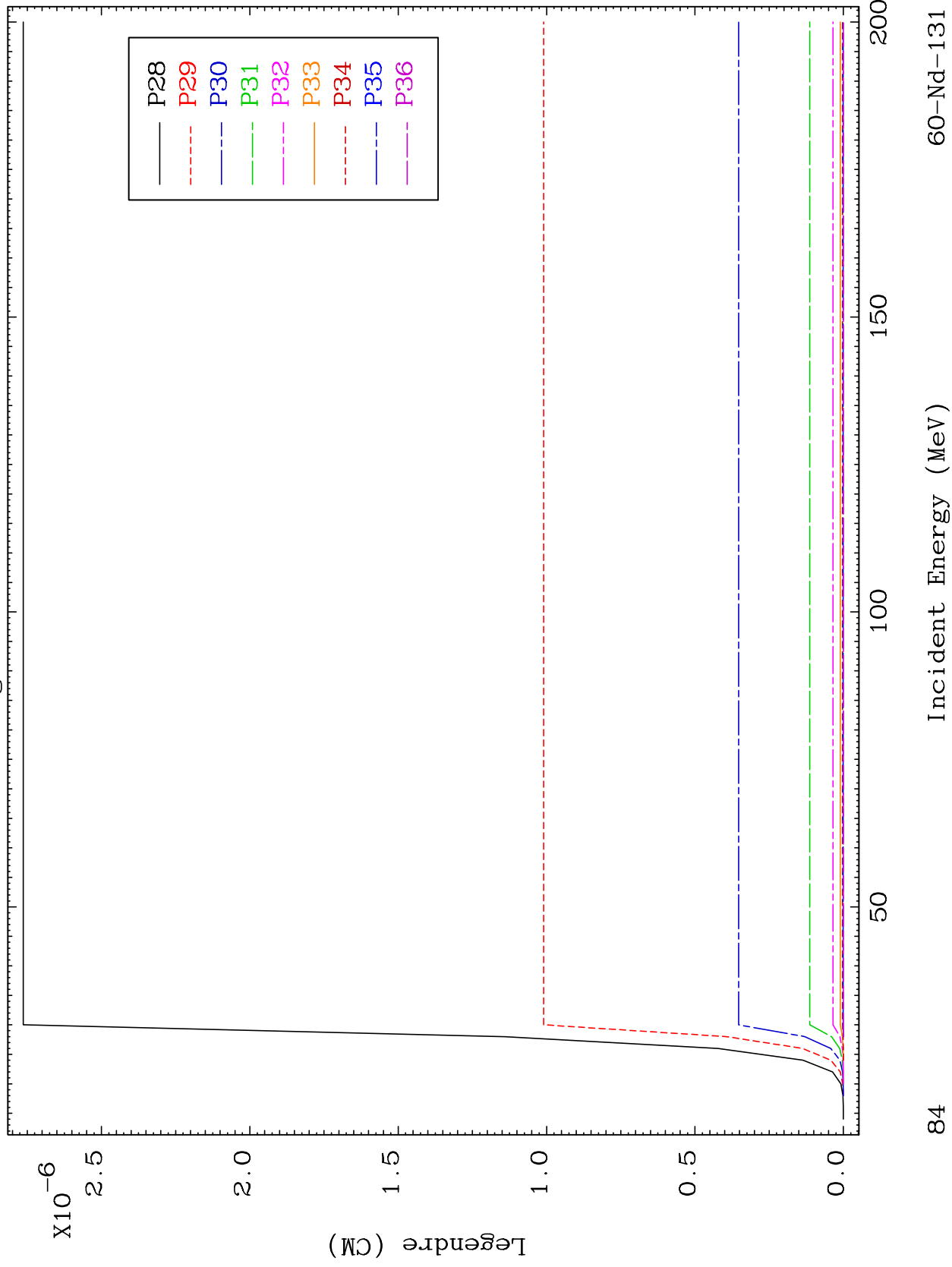
60-Nd-131



MAT 5992

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

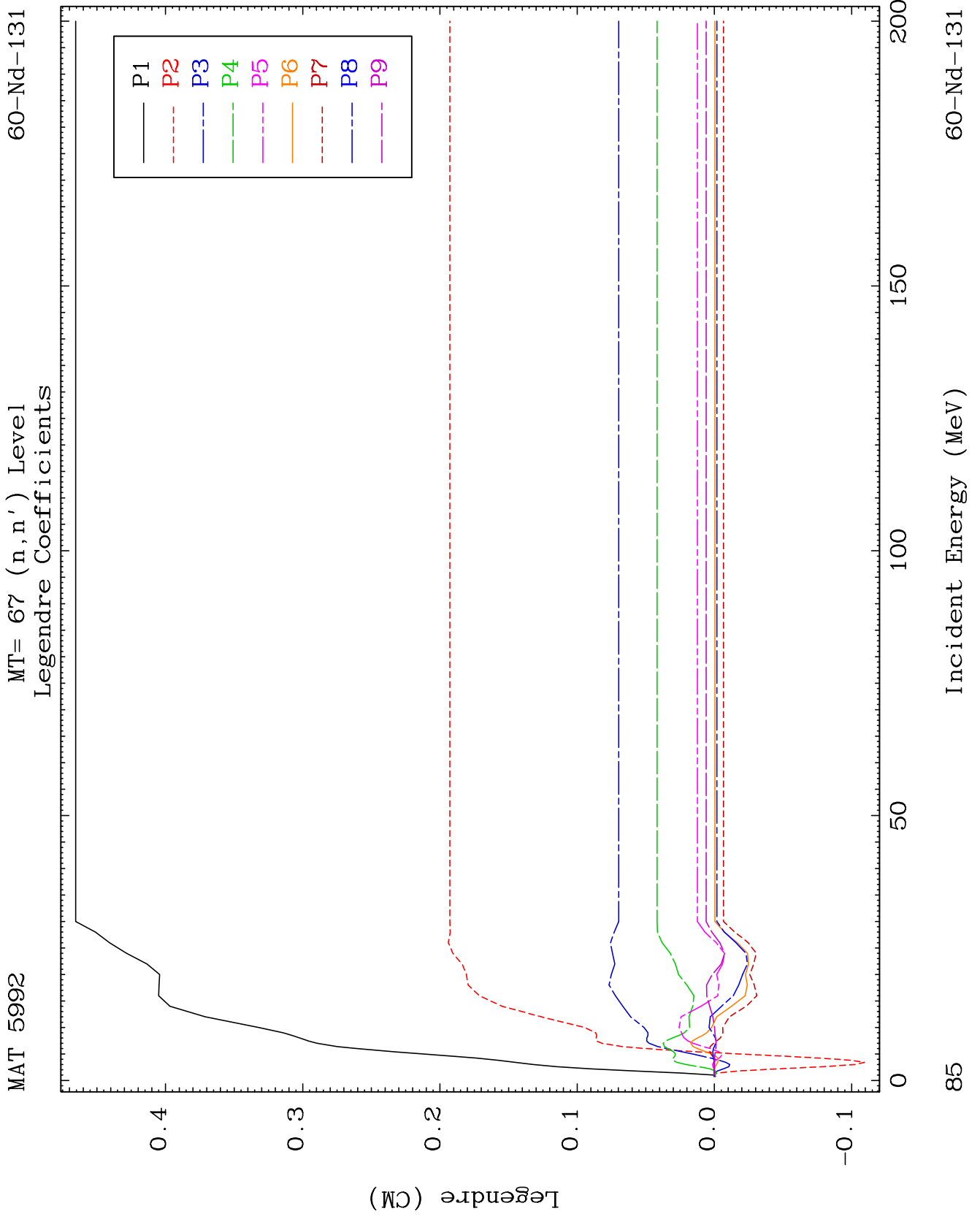
60-Nd-131



84

Incident Energy (MeV)

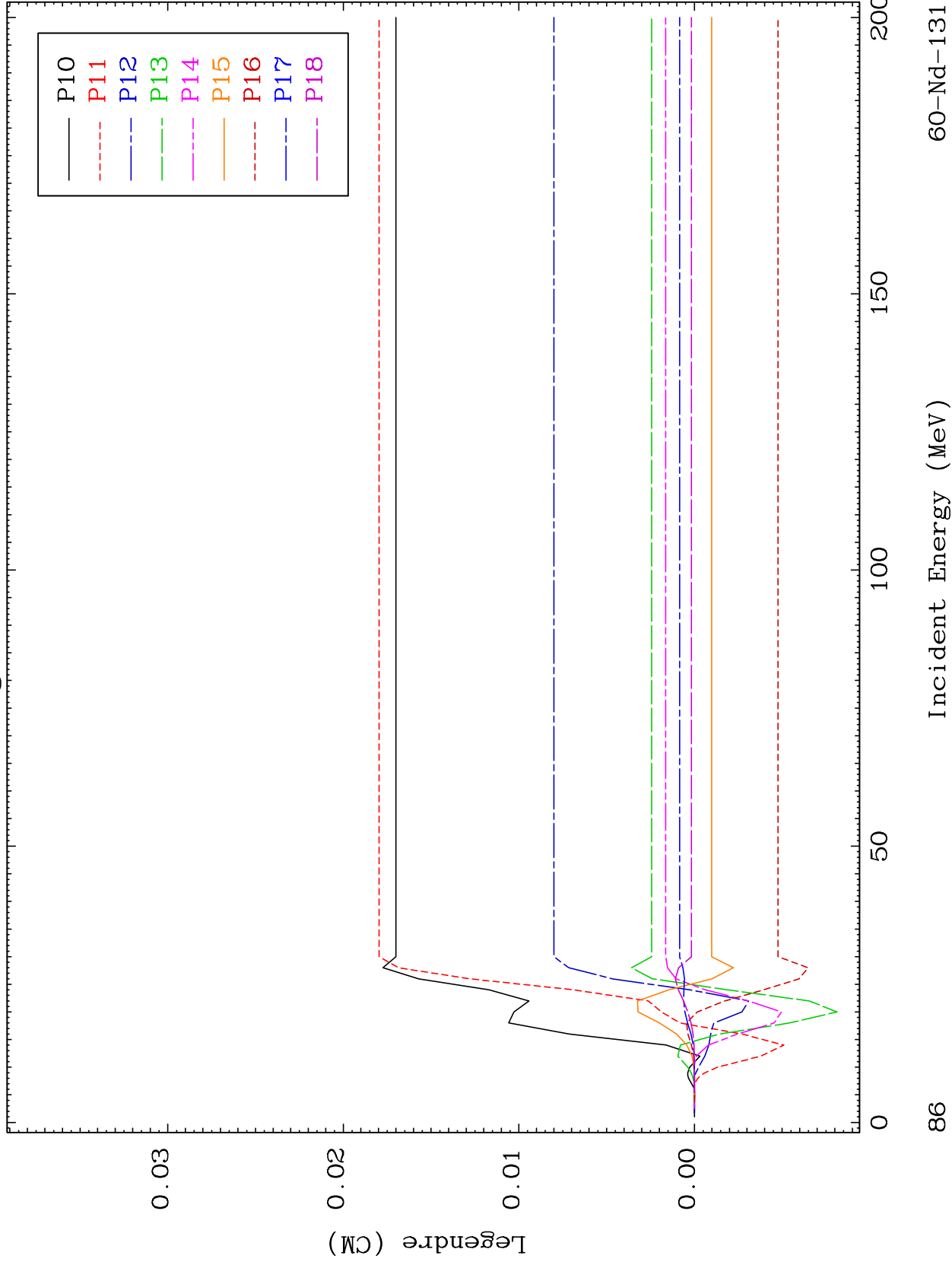
60-Nd-131



MAT 5992

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

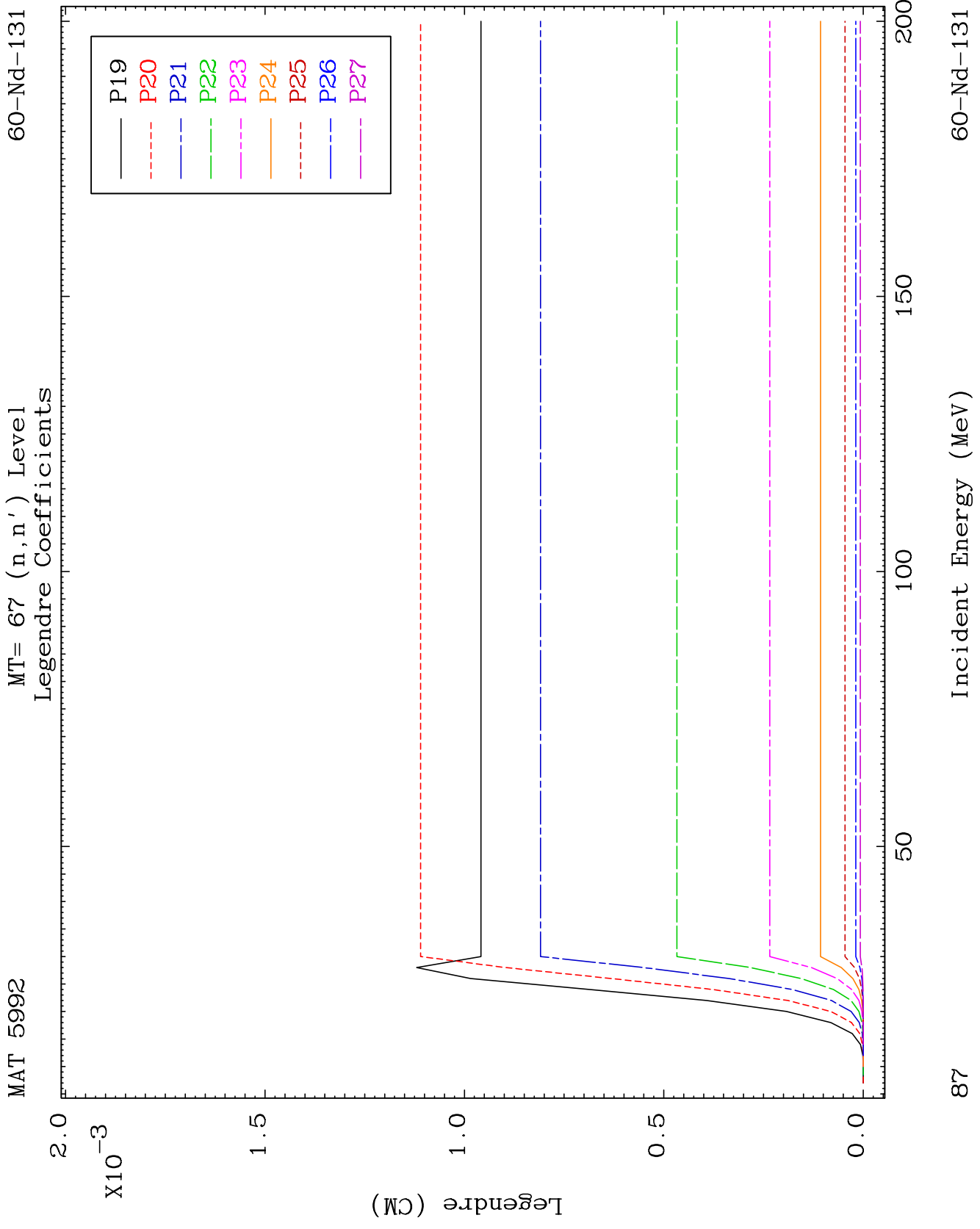
60-Nd-131



86

Incident Energy (MeV)

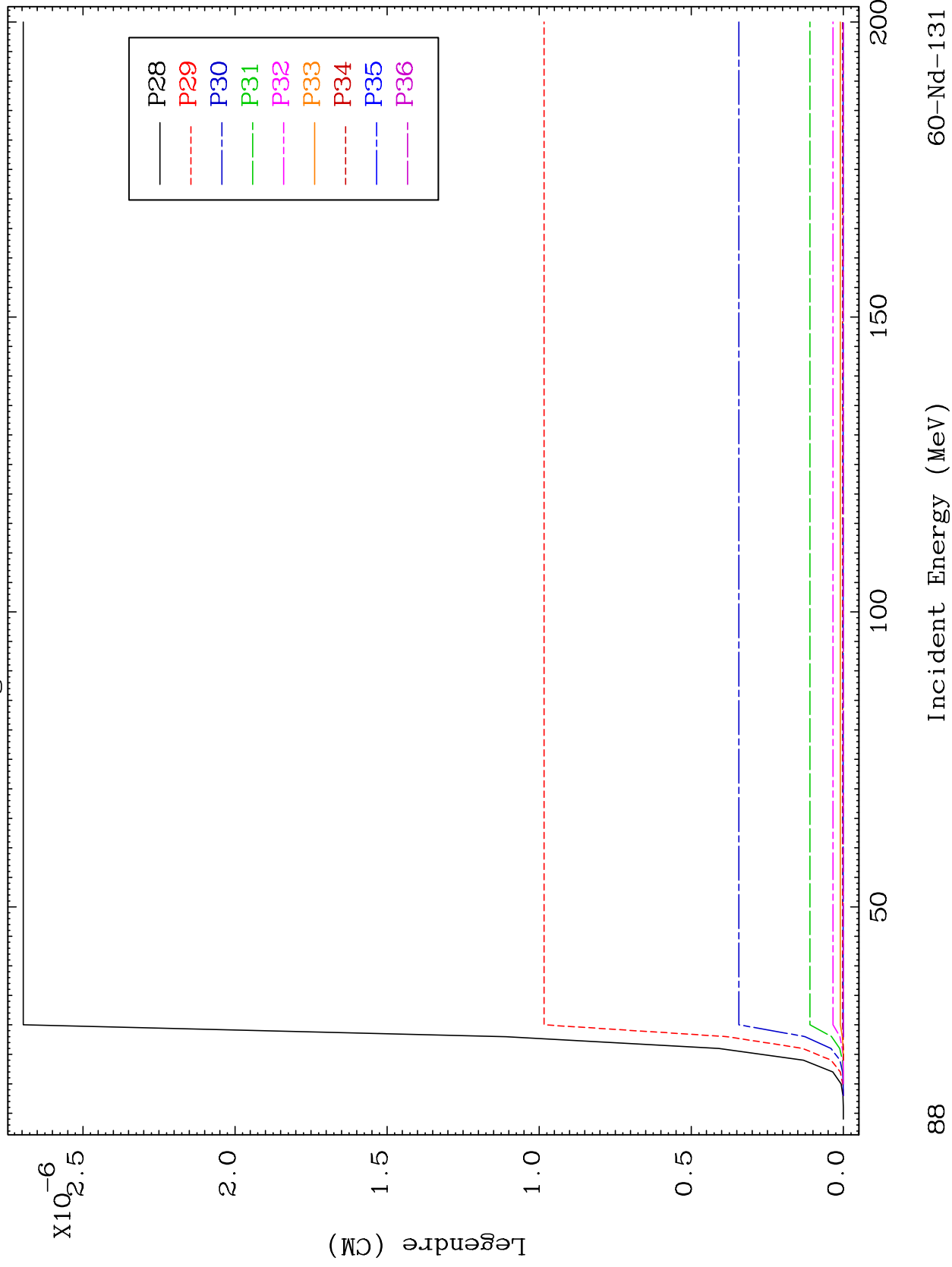
60-Nd-131

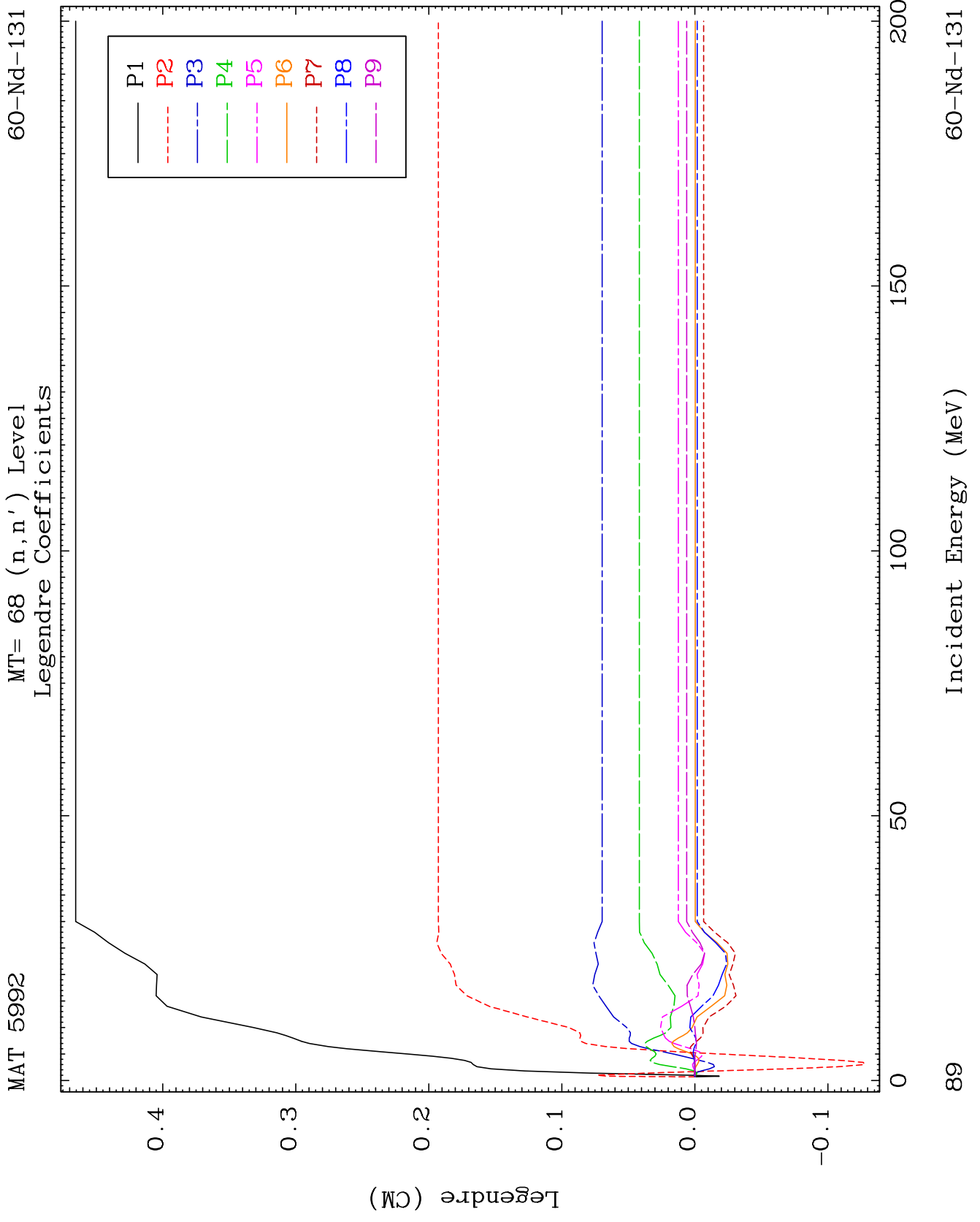


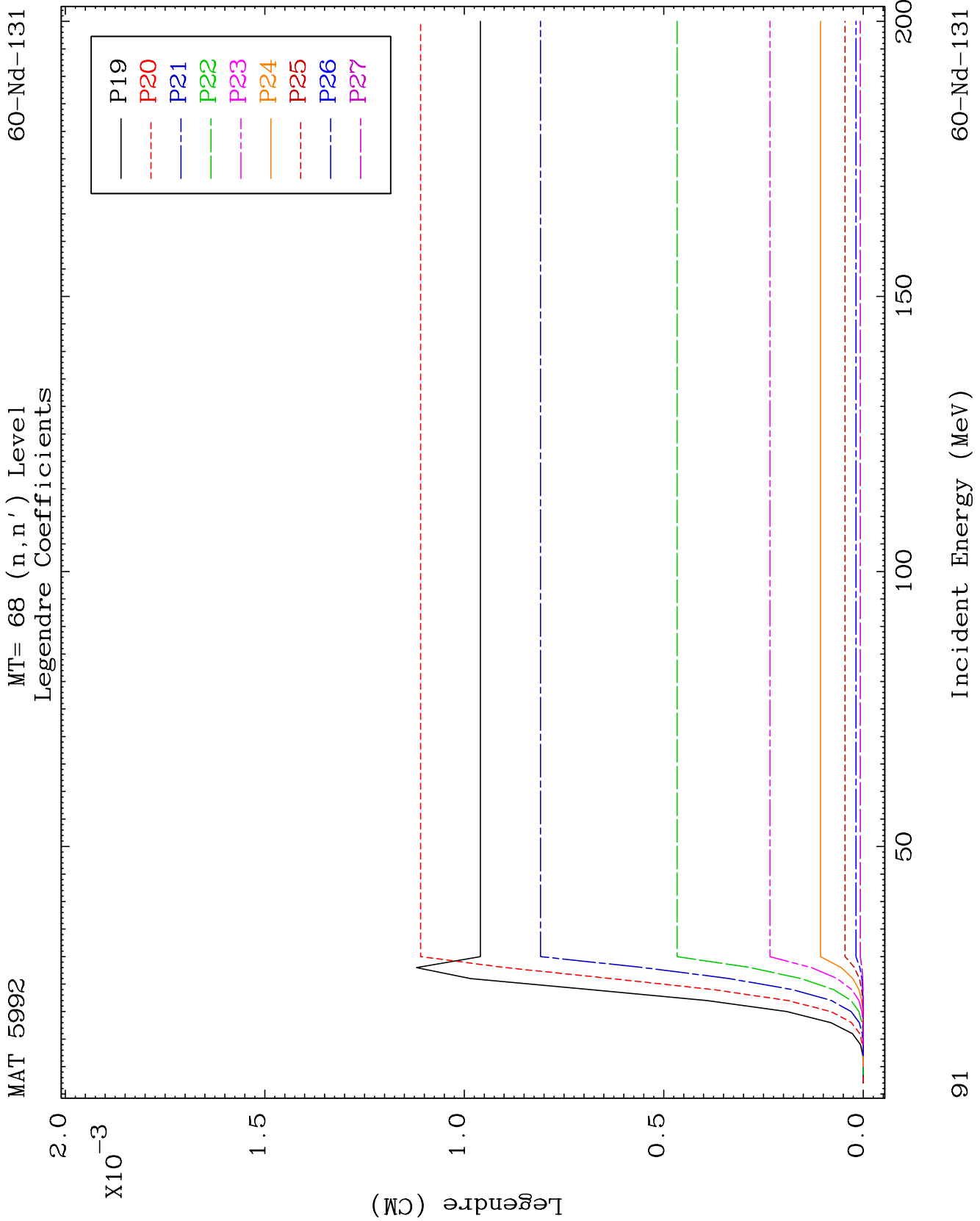
MAT 5992

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

60-Nd-131



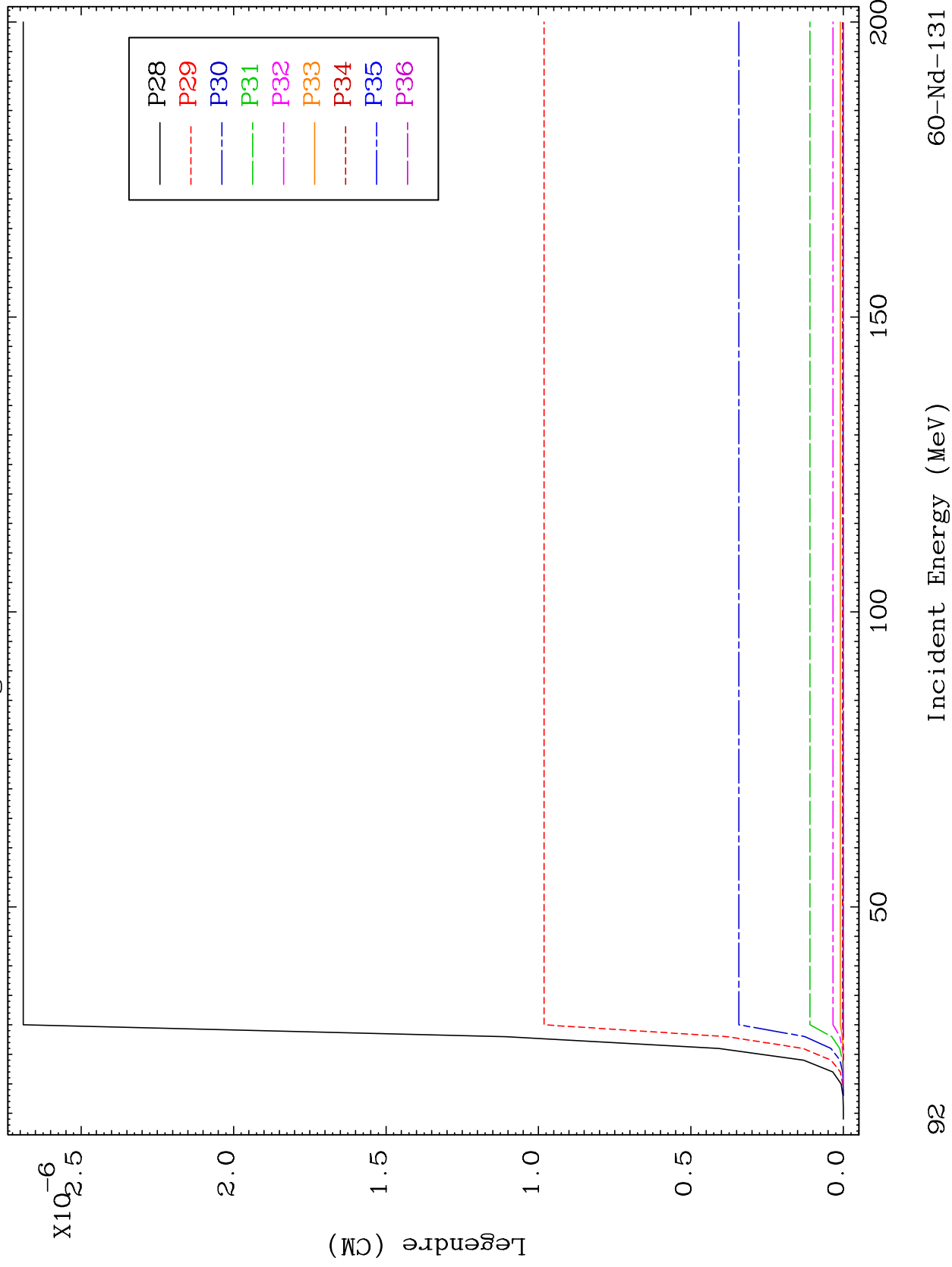




MAT 5992

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

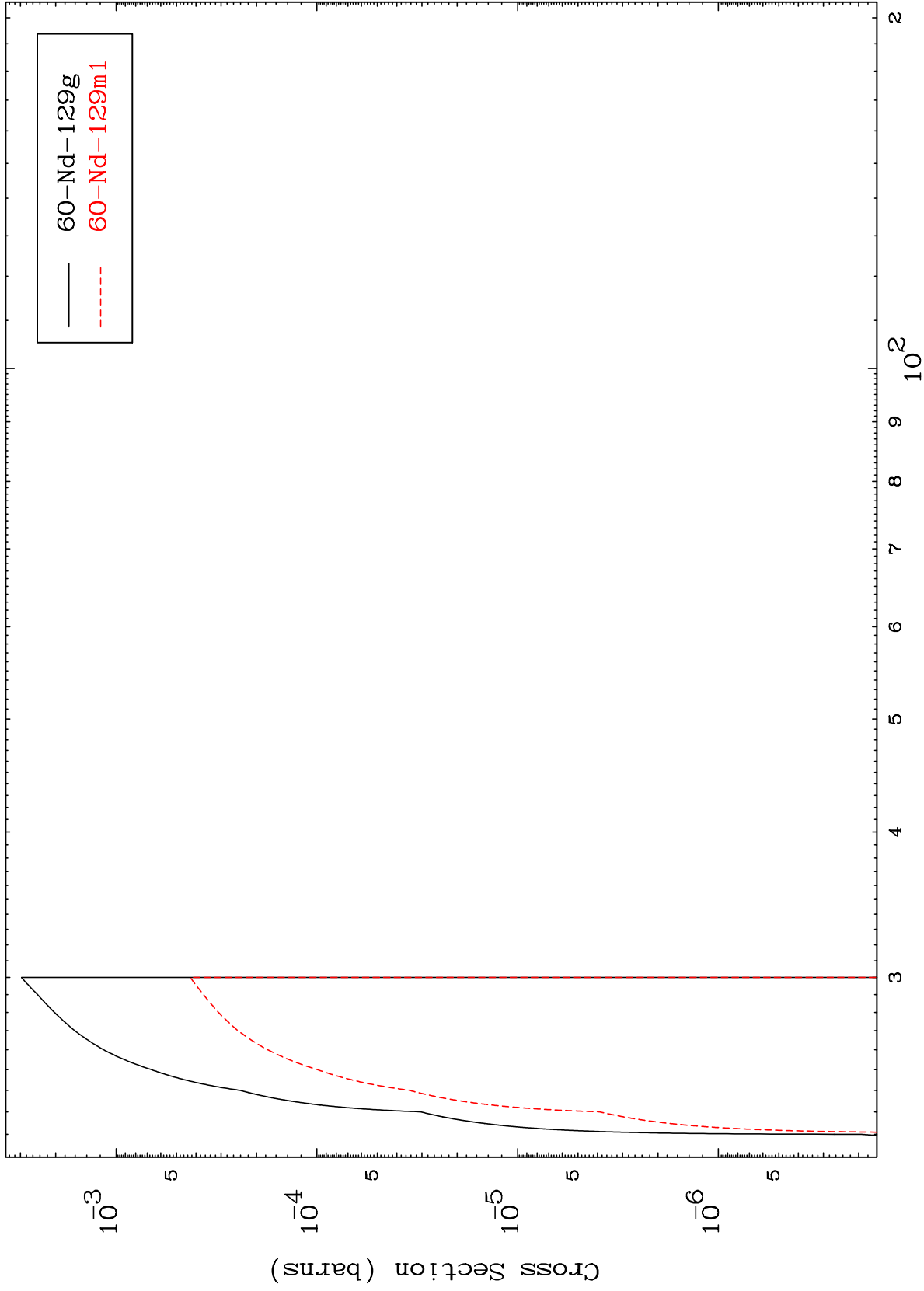
60-Nd-131



MAT 5992

60-Nd-131

(n,3n)
Radionuclide Production Cross Section



93

Incident Energy (MeV)

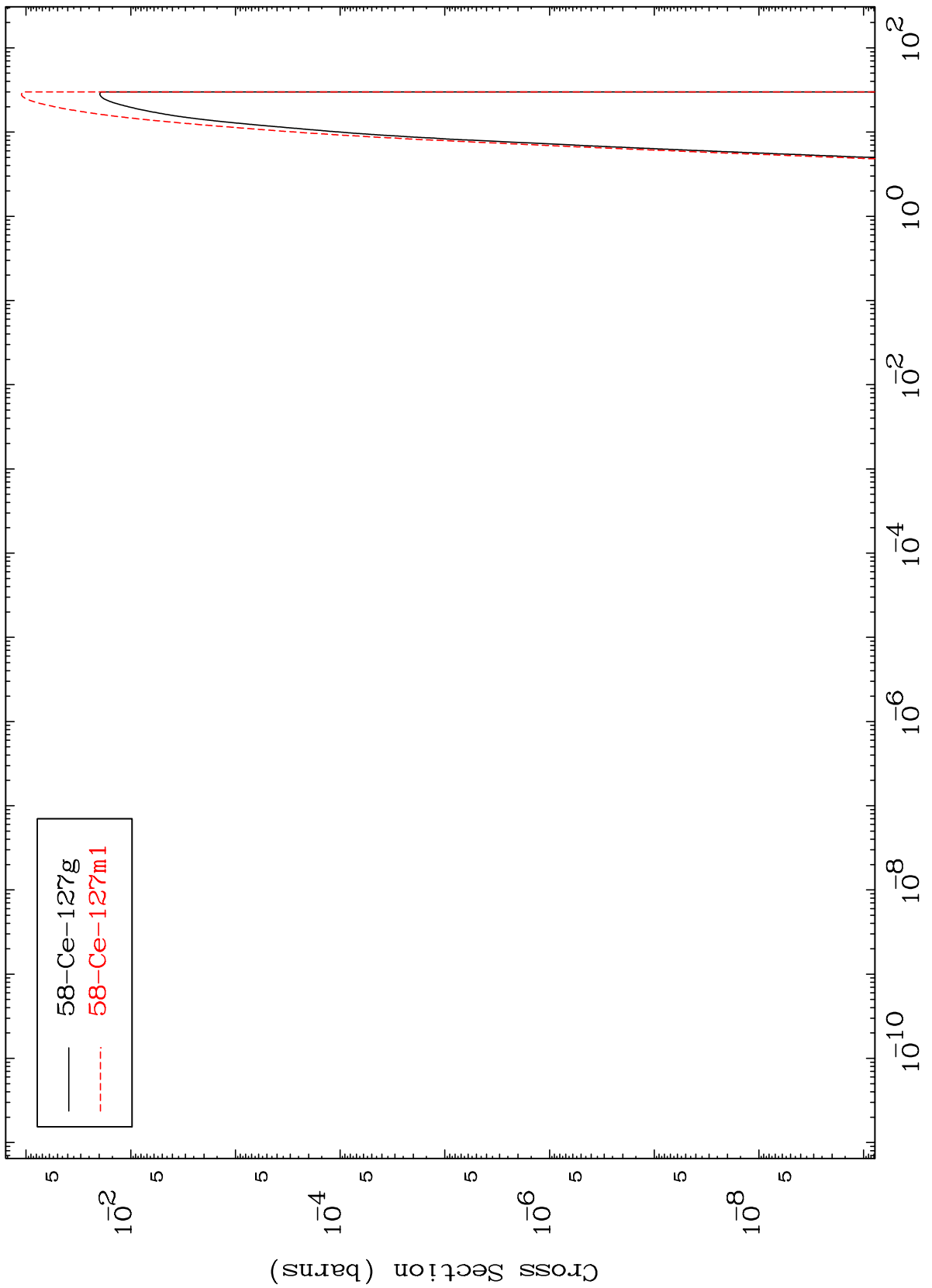
60-Nd-131

MAT 5992

(n,n') α

60-Nd-131

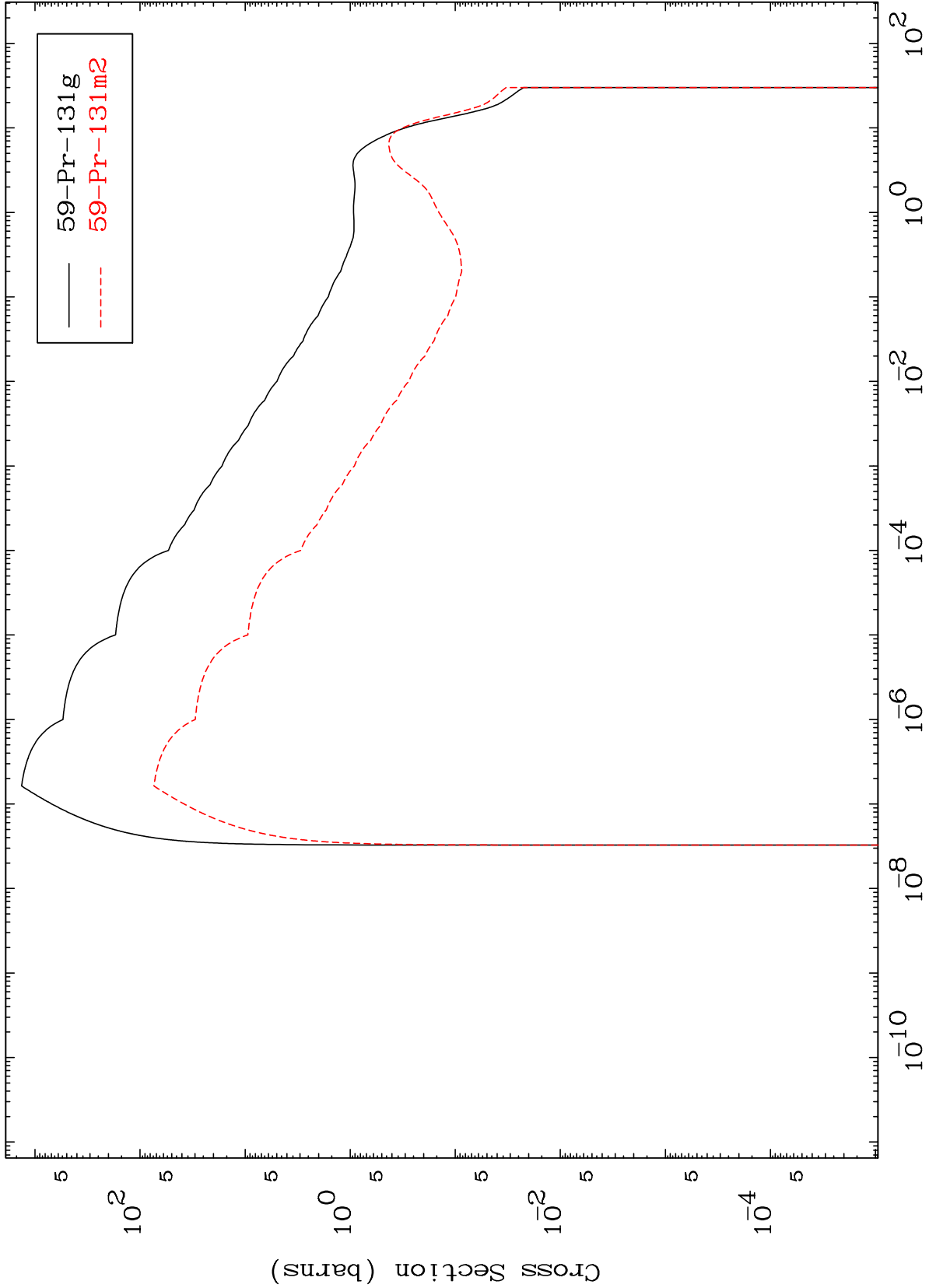
Radionuclide Production Cross Section



MAT 5992

60-Nd-131

(n,p)
Radionuclide Production Cross Section



95

60-Nd-131

Incident Energy (MeV)

MAT 5992

(n,p) α

60-Nd-131

Radionuclide Production Cross Section

