

Program EVALPLOT
(Version 2015-2)

by

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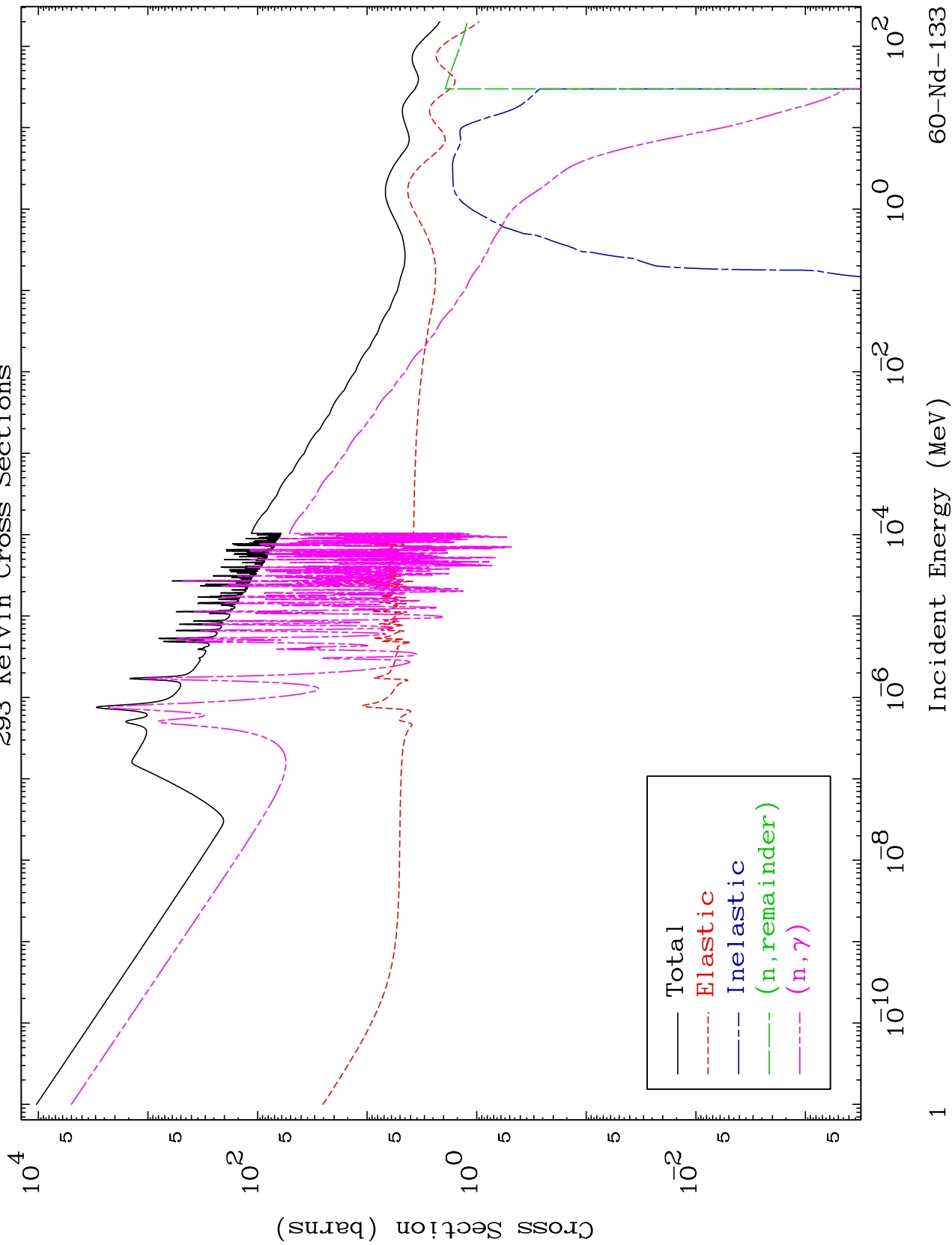
Press Mouse Button to Start

MAT 5998

Major

293 Kelvin Cross Sections

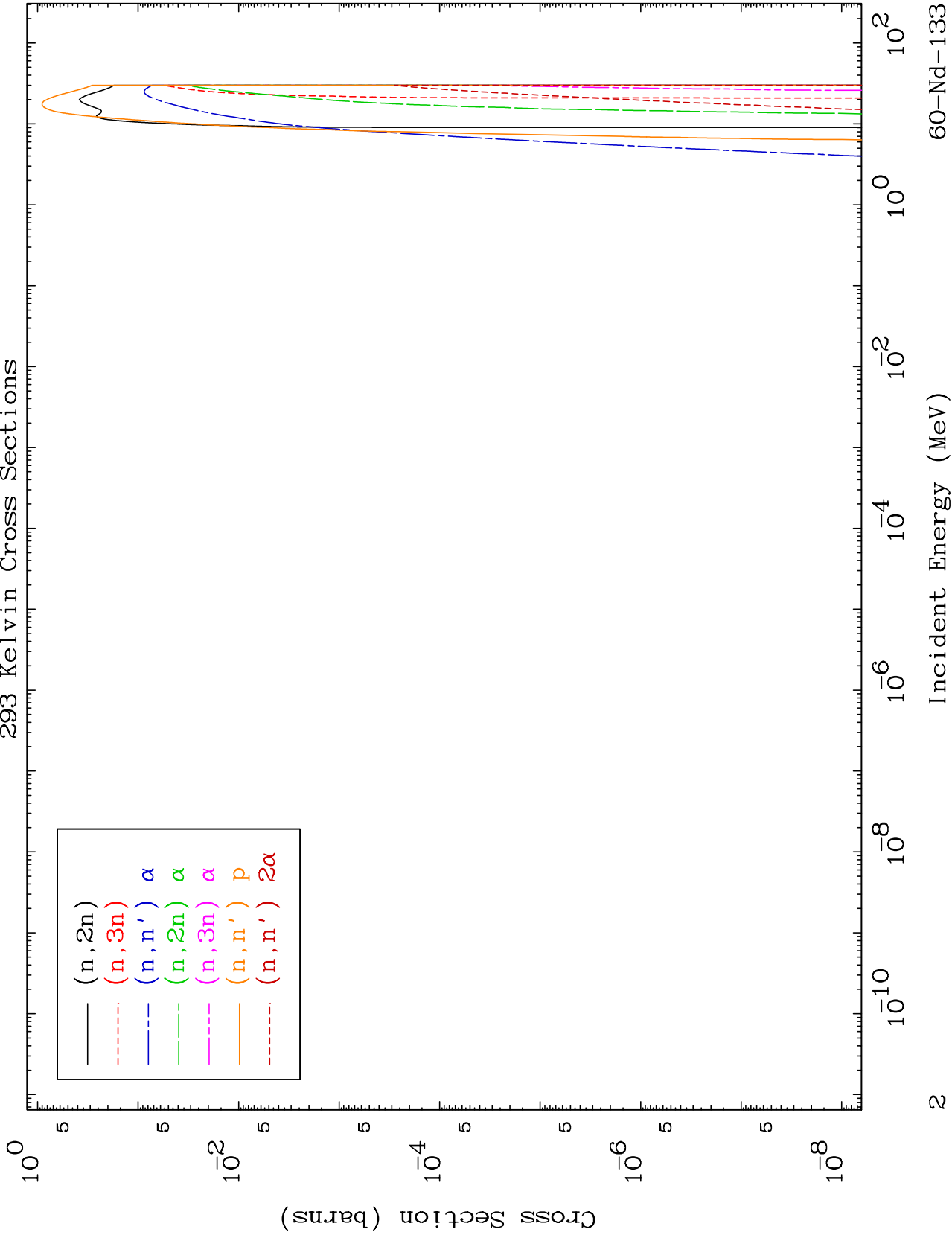
60-Nd-133

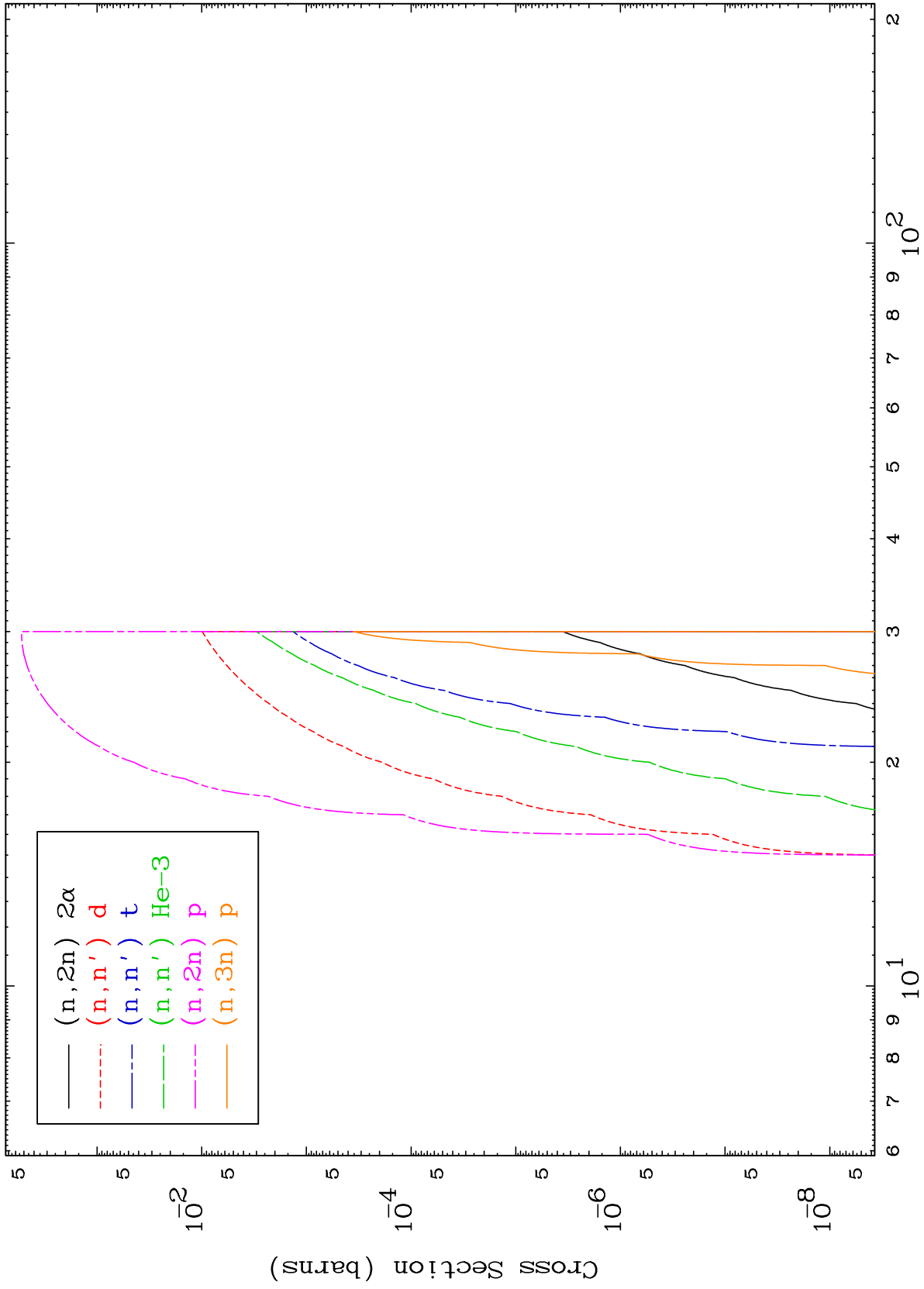


MAT 5998

Neutron Production
293 Kelvin Cross Sections

60-Nd-133

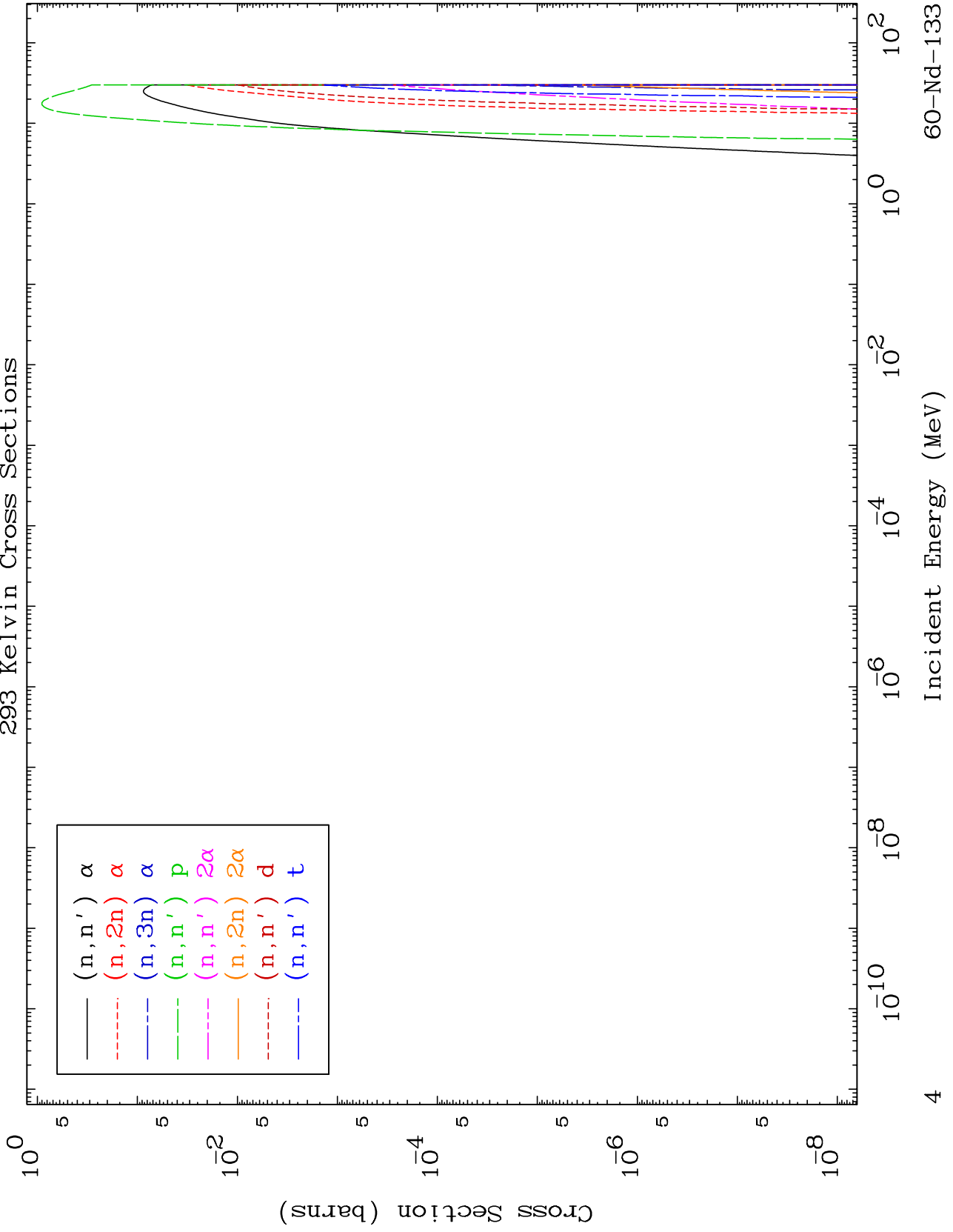




MAT 5998

Charged Particle
293 Kelvin Cross Sections

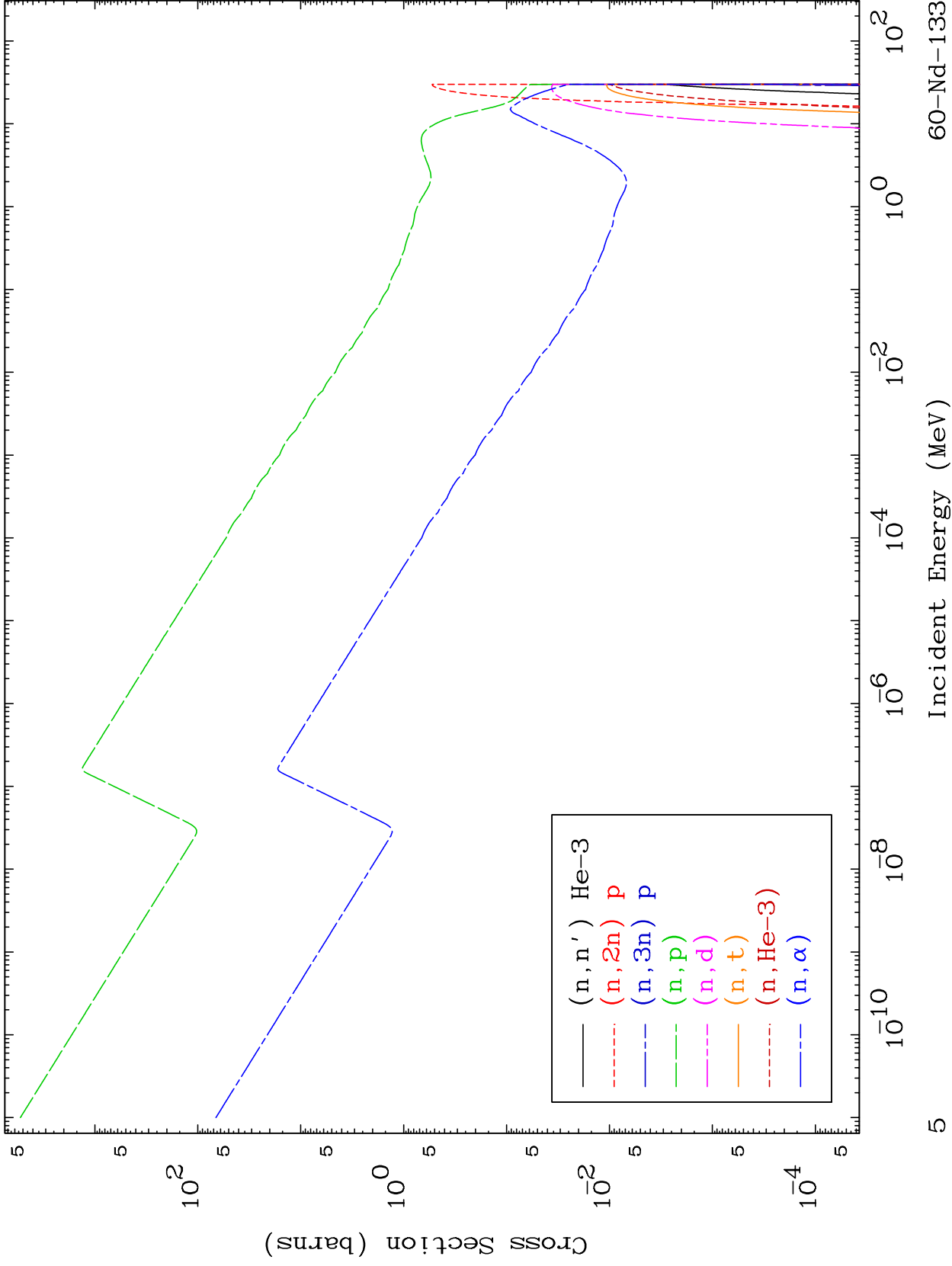
60-Nd-133



MAT 5998

Charged Particle
293 Kelvin Cross Sections

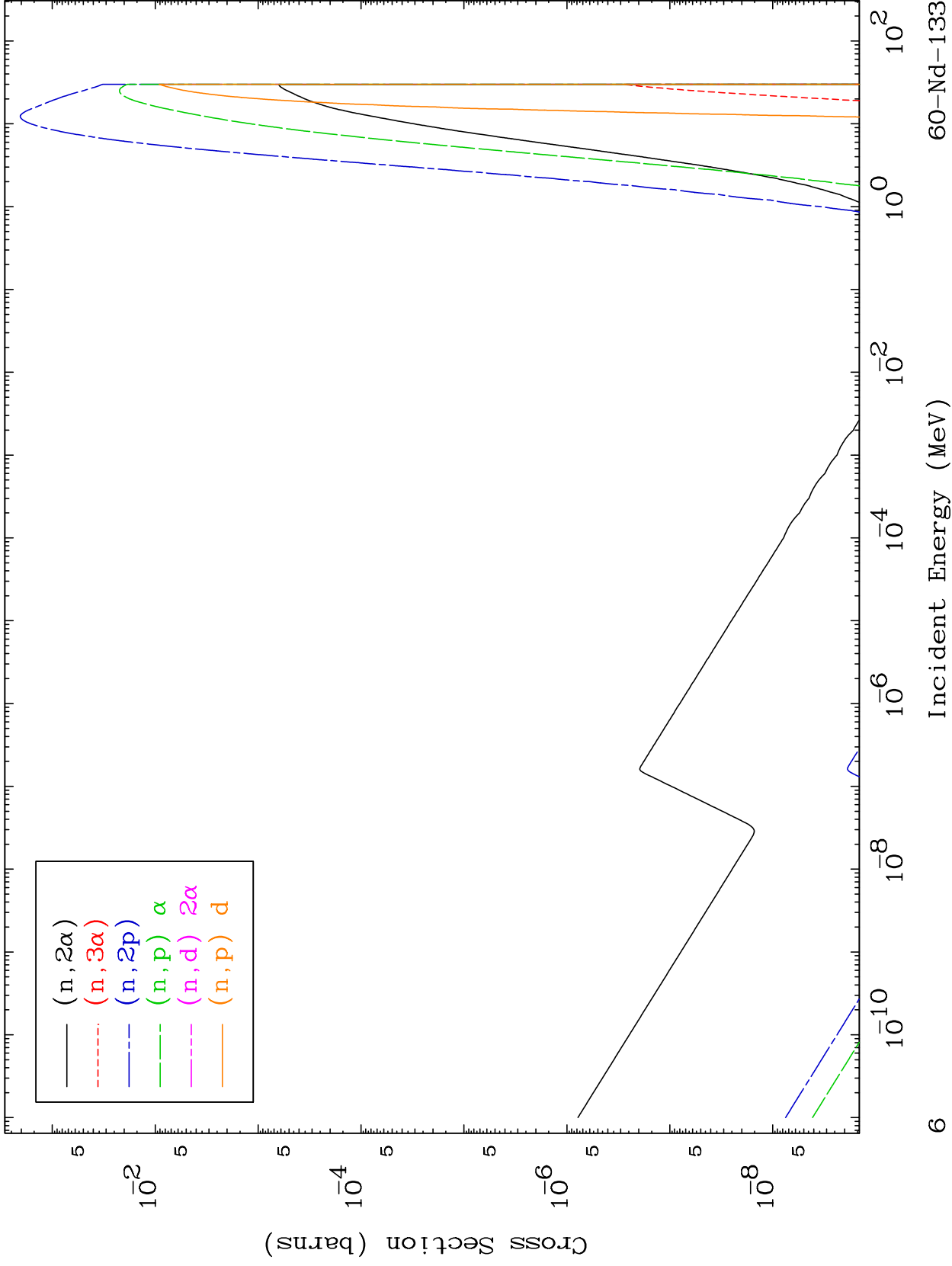
60-Nd-133



MAT 5998

Charged Particle
293 Kelvin Cross Sections

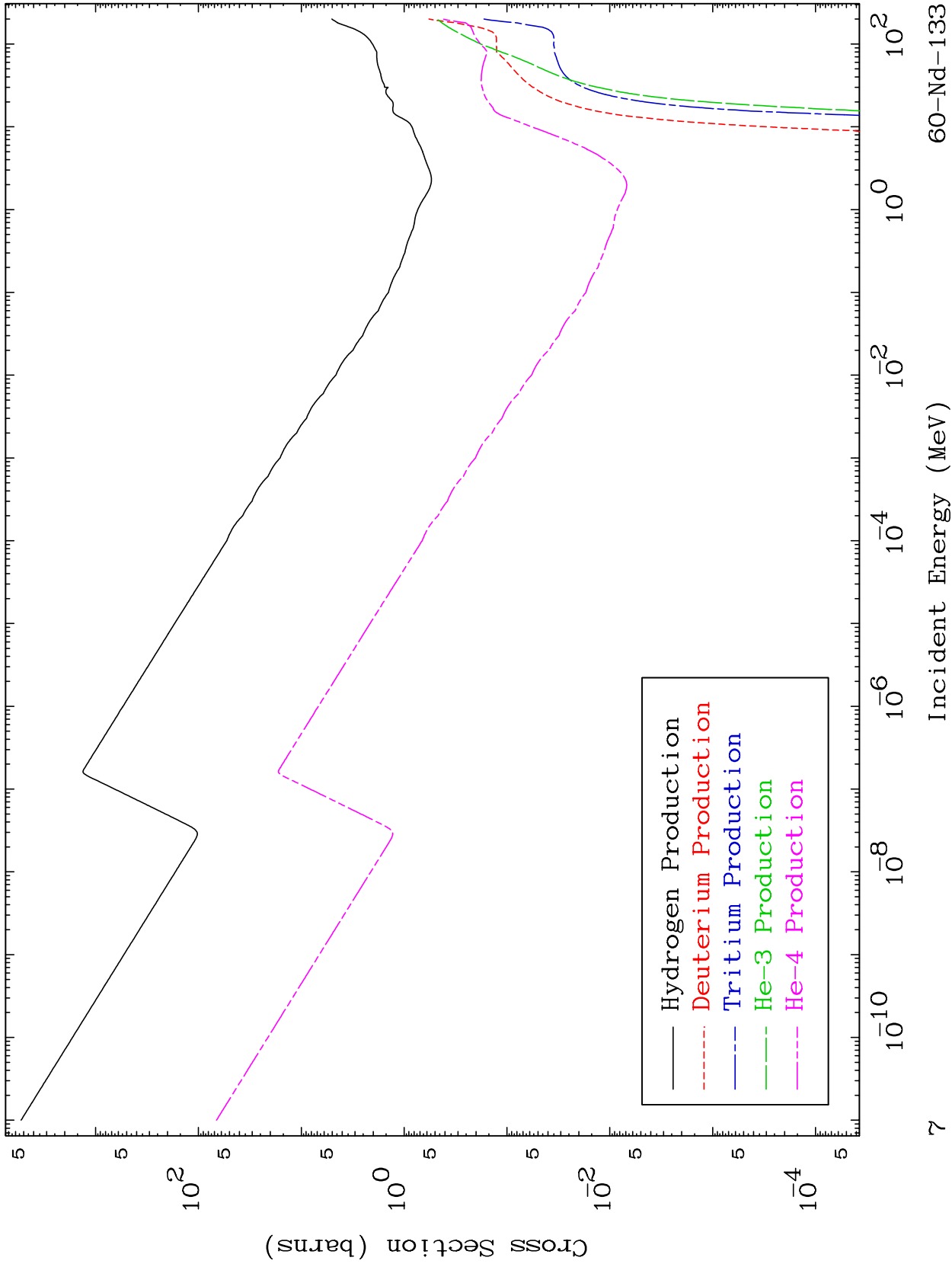
60-Nd-133

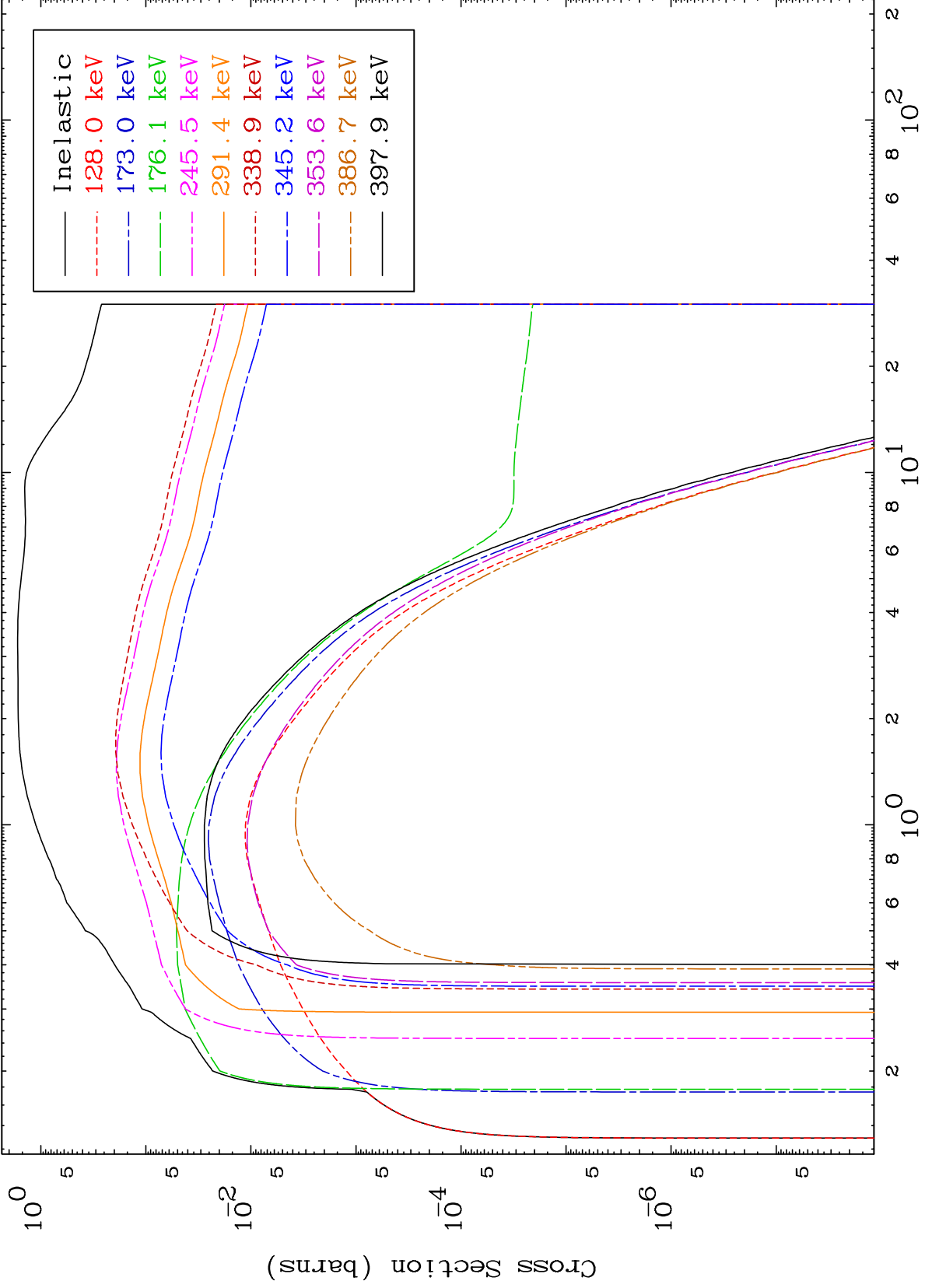


MAT 5998

Particle Production
293 Kelvin Cross Sections

60-Nd-133

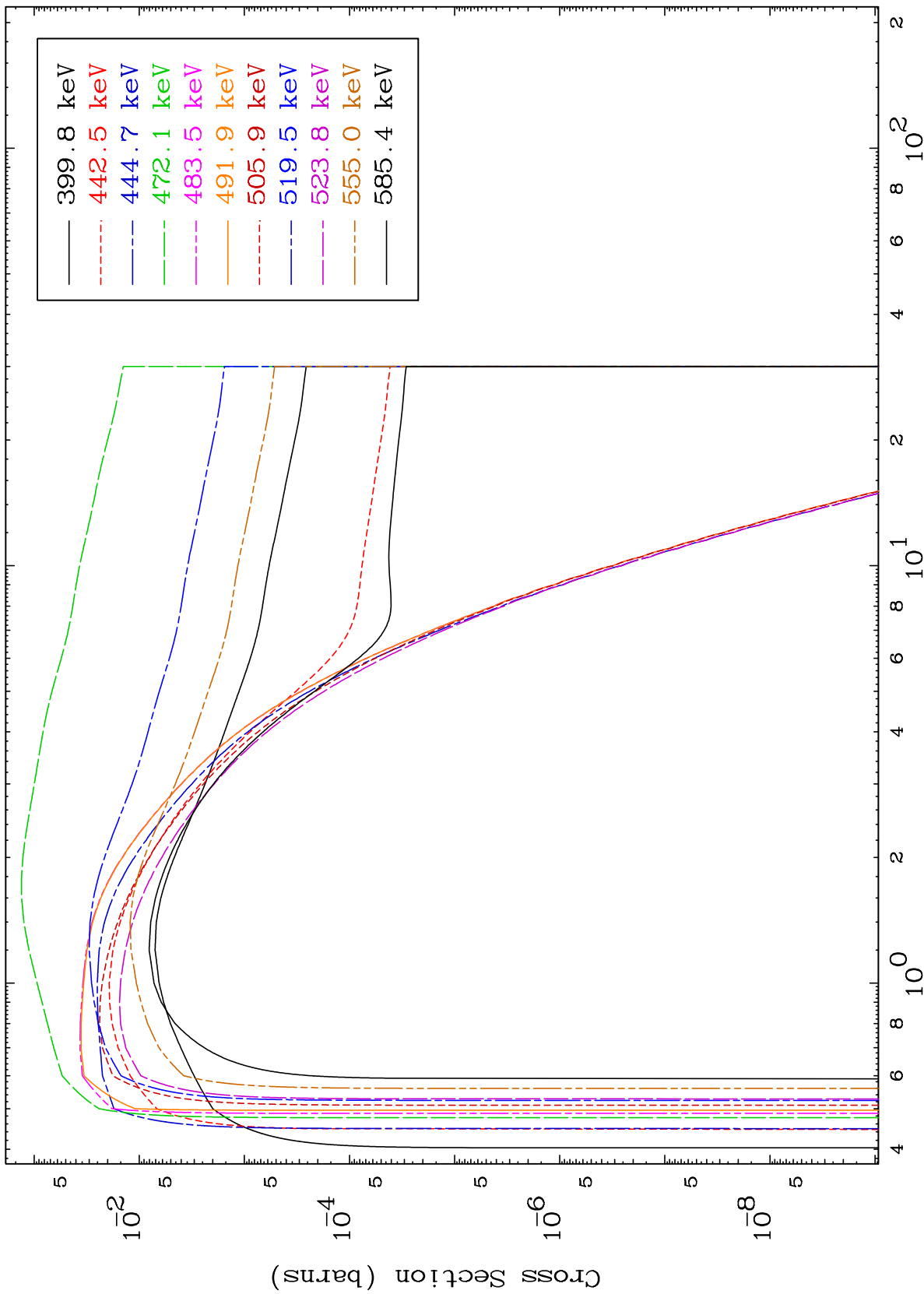




MAT 5998

60-Nd-133

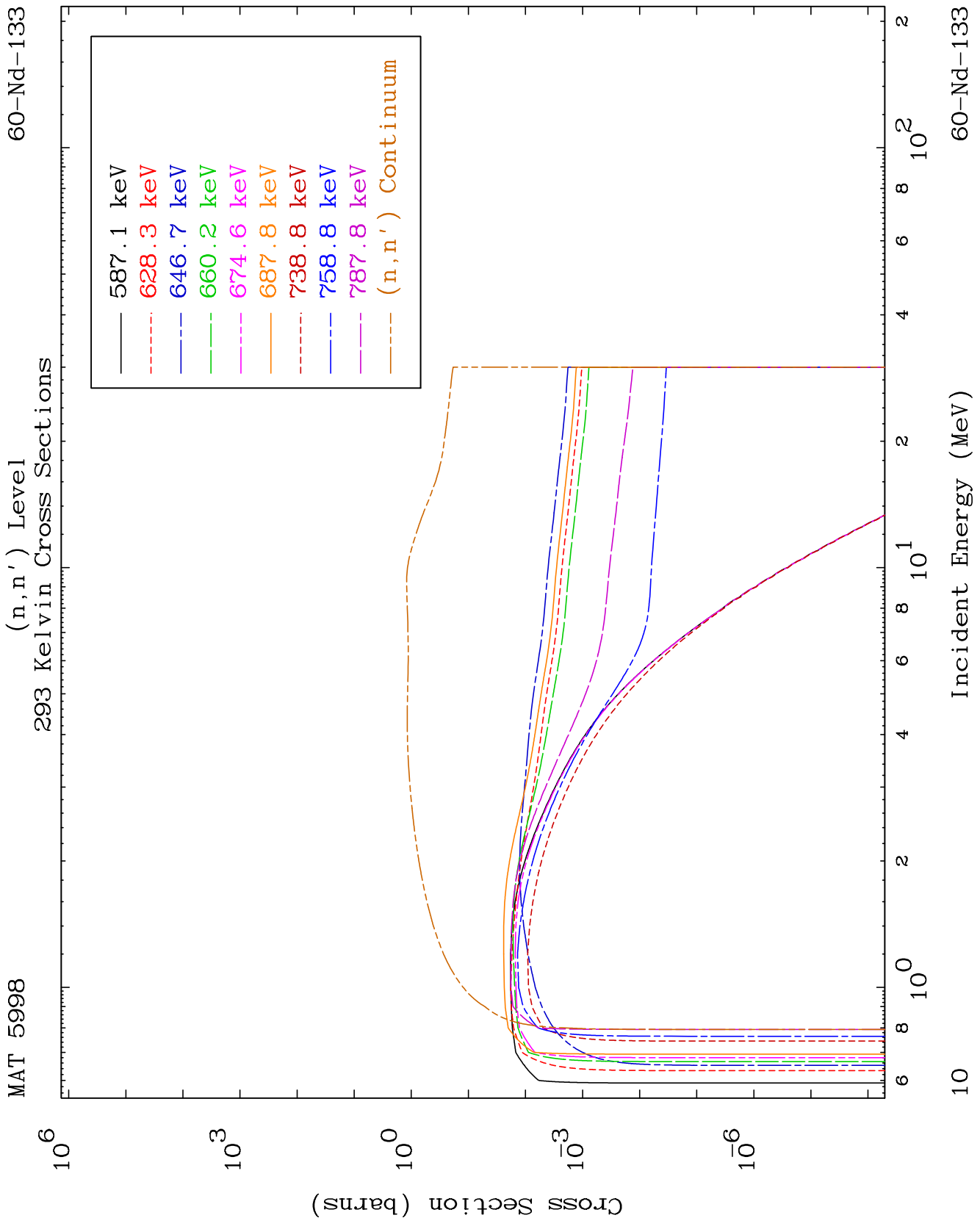
(n,n') Level
293 Kelvin Cross Sections



9

Incident Energy (MeV)

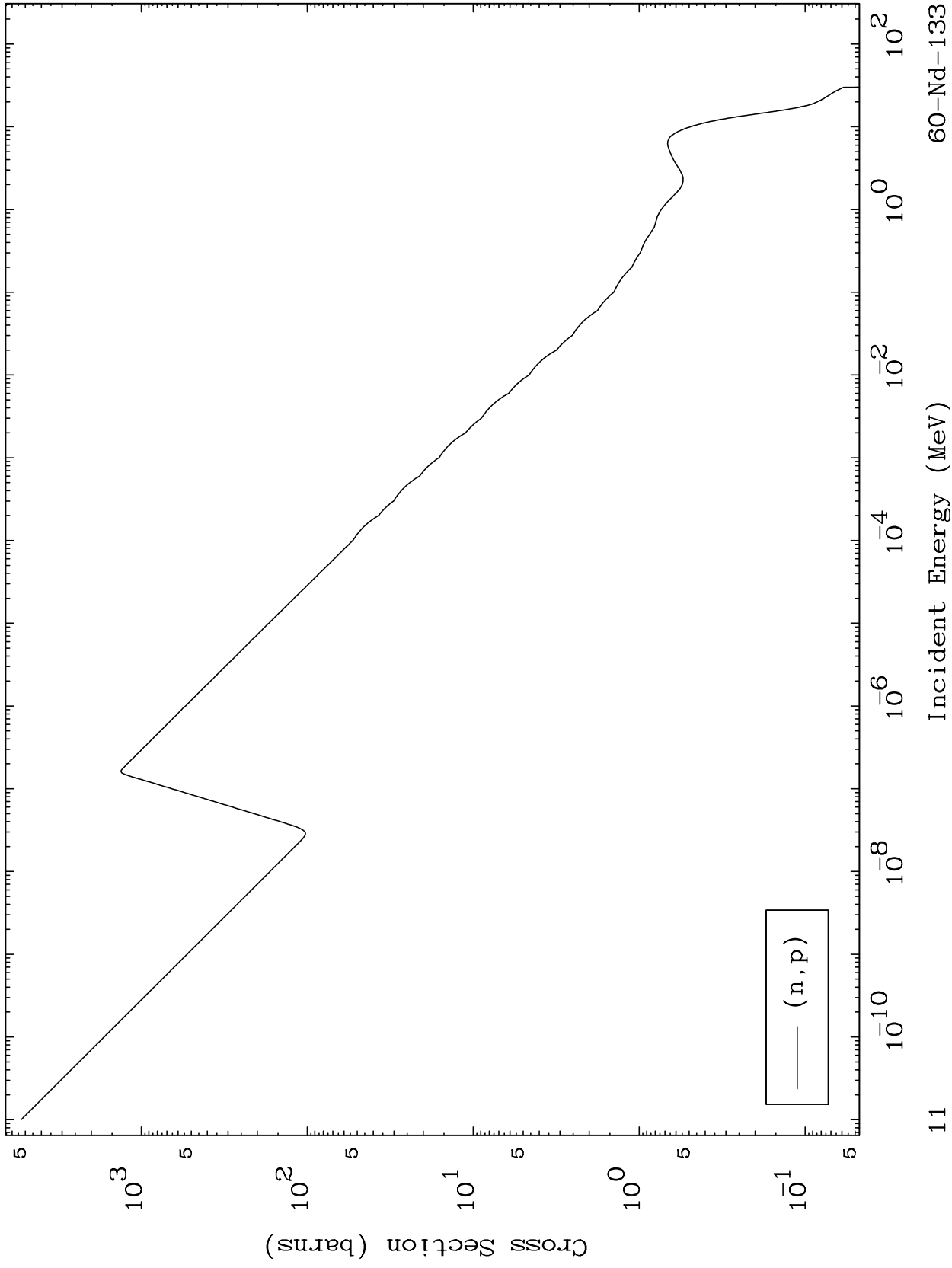
60-Nd-133



MAT 5998

(n,p) Levels
293 Kelvin Cross Sections

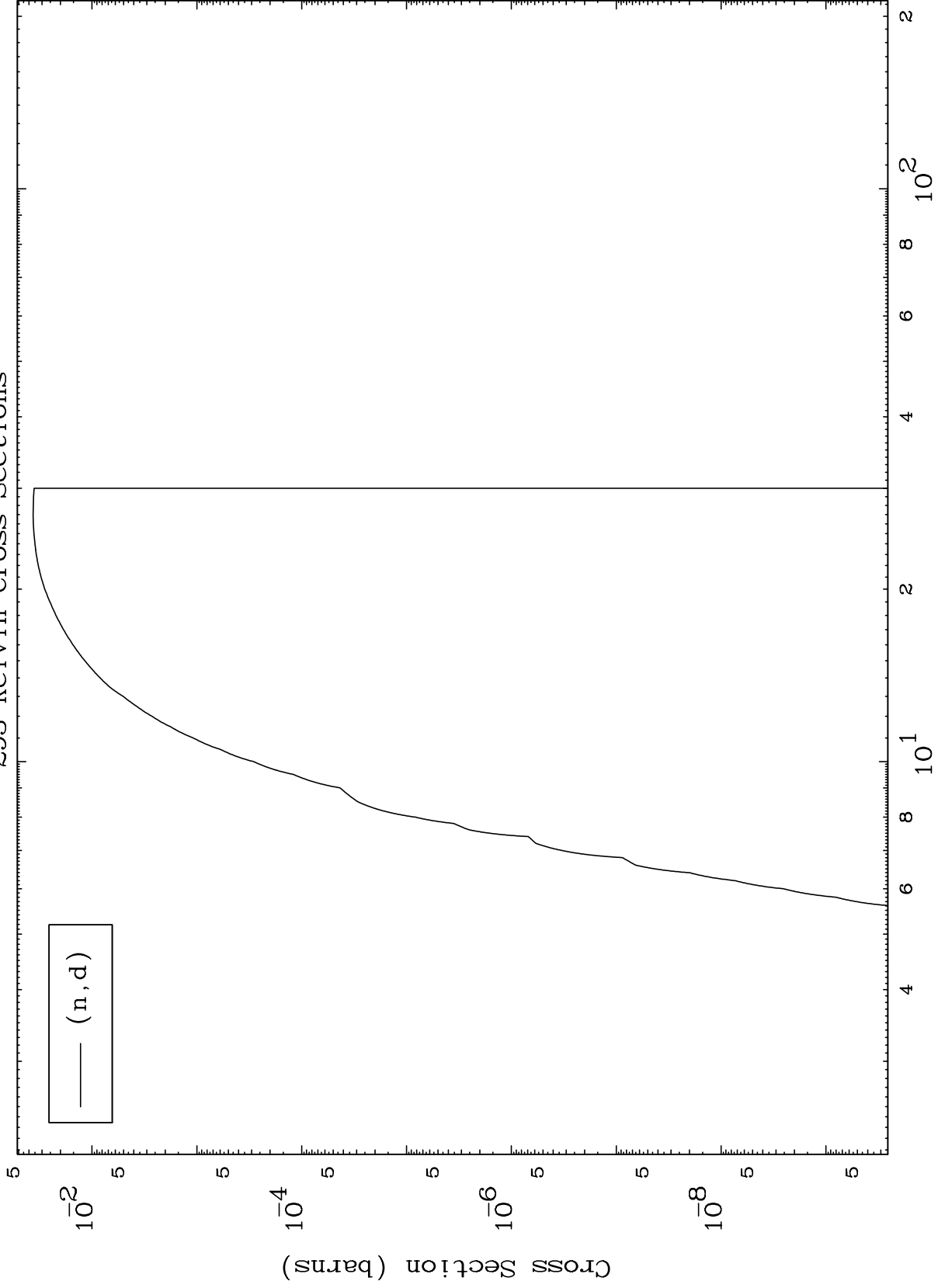
60-Nd-133



MAT 5998

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-133



12

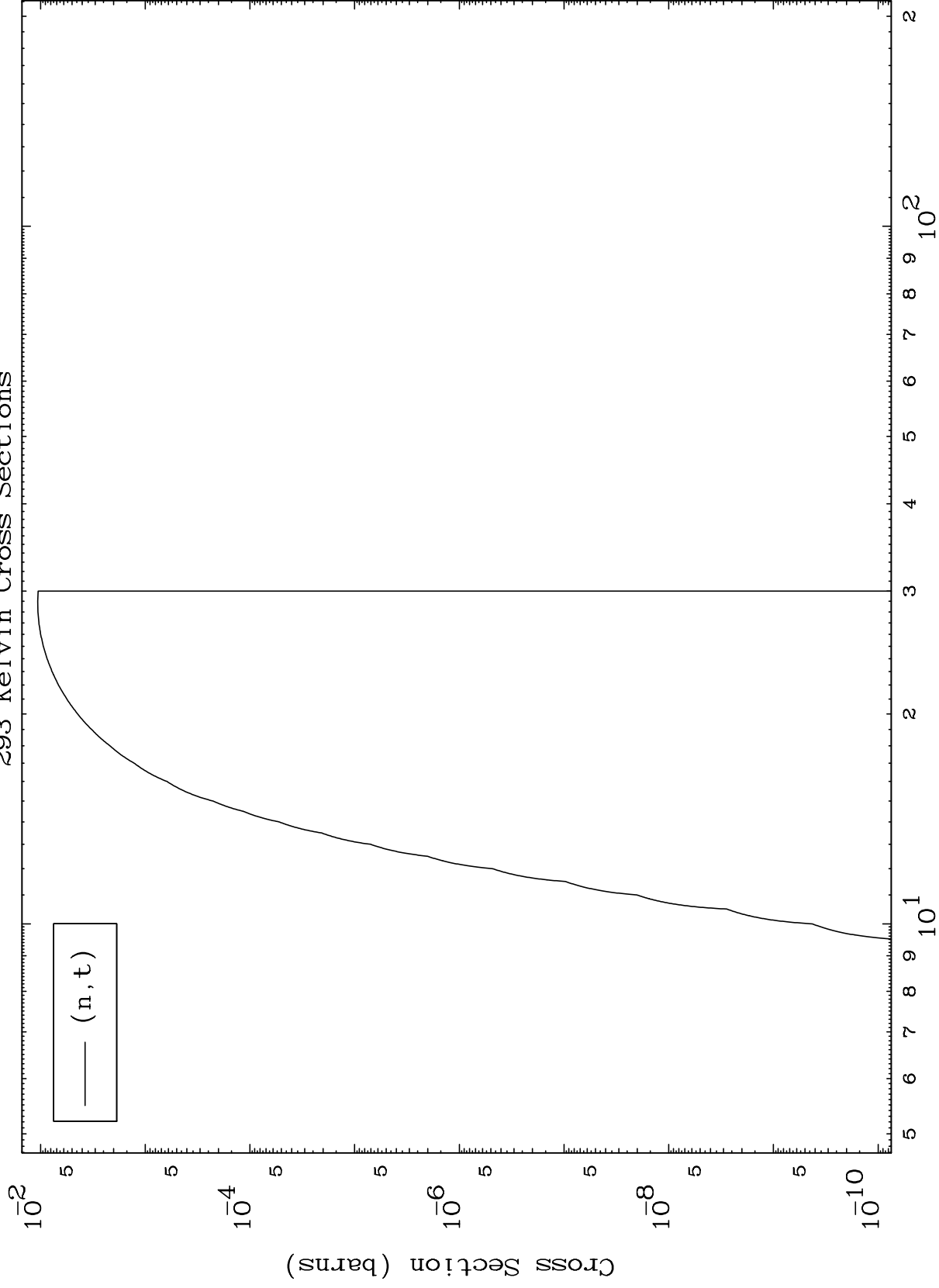
Incident Energy (MeV)

60-Nd-133

MAT 5998

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-133



13

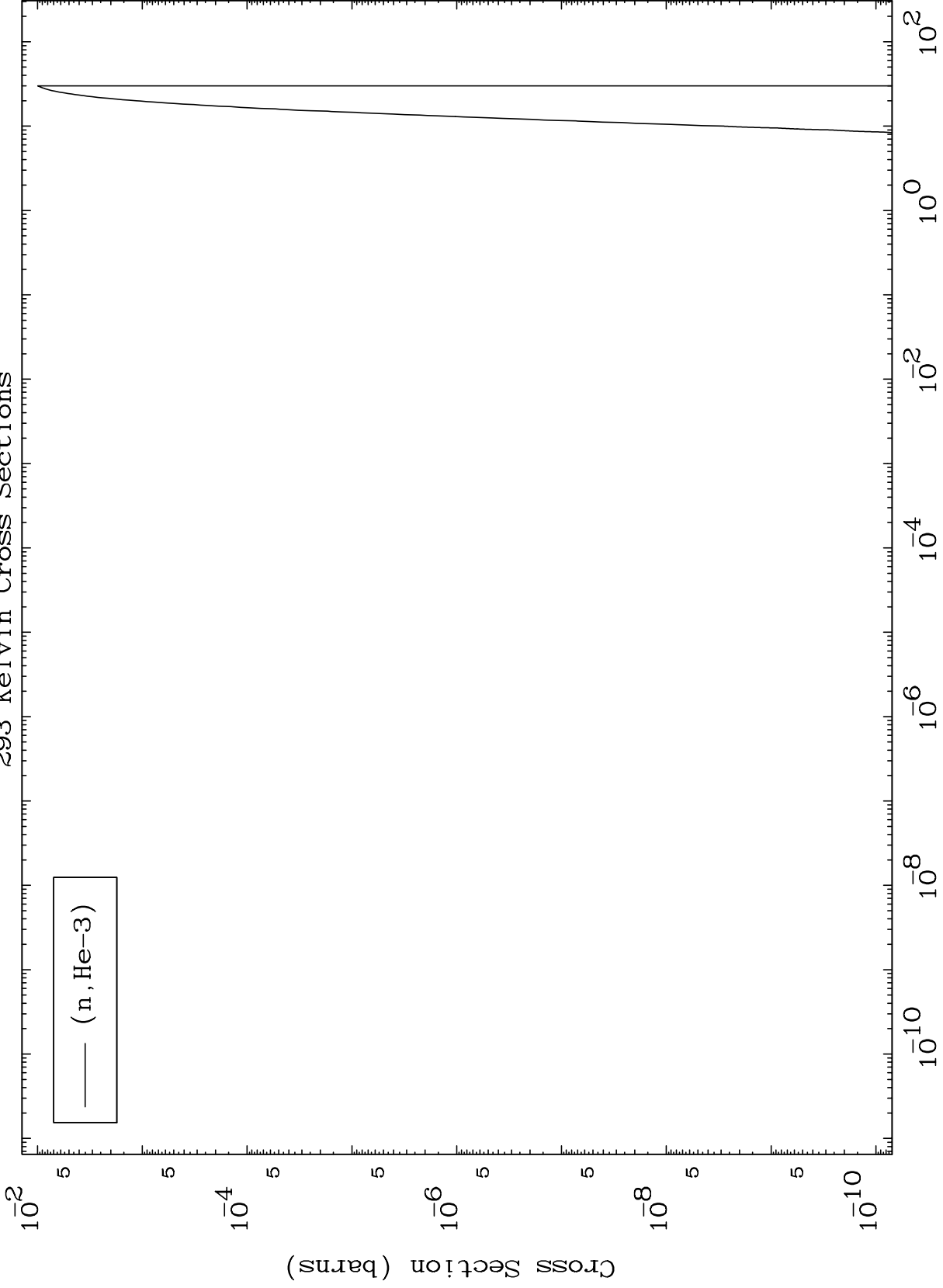
Incident Energy (MeV)

60-Nd-133

MAT 5998

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-133



14

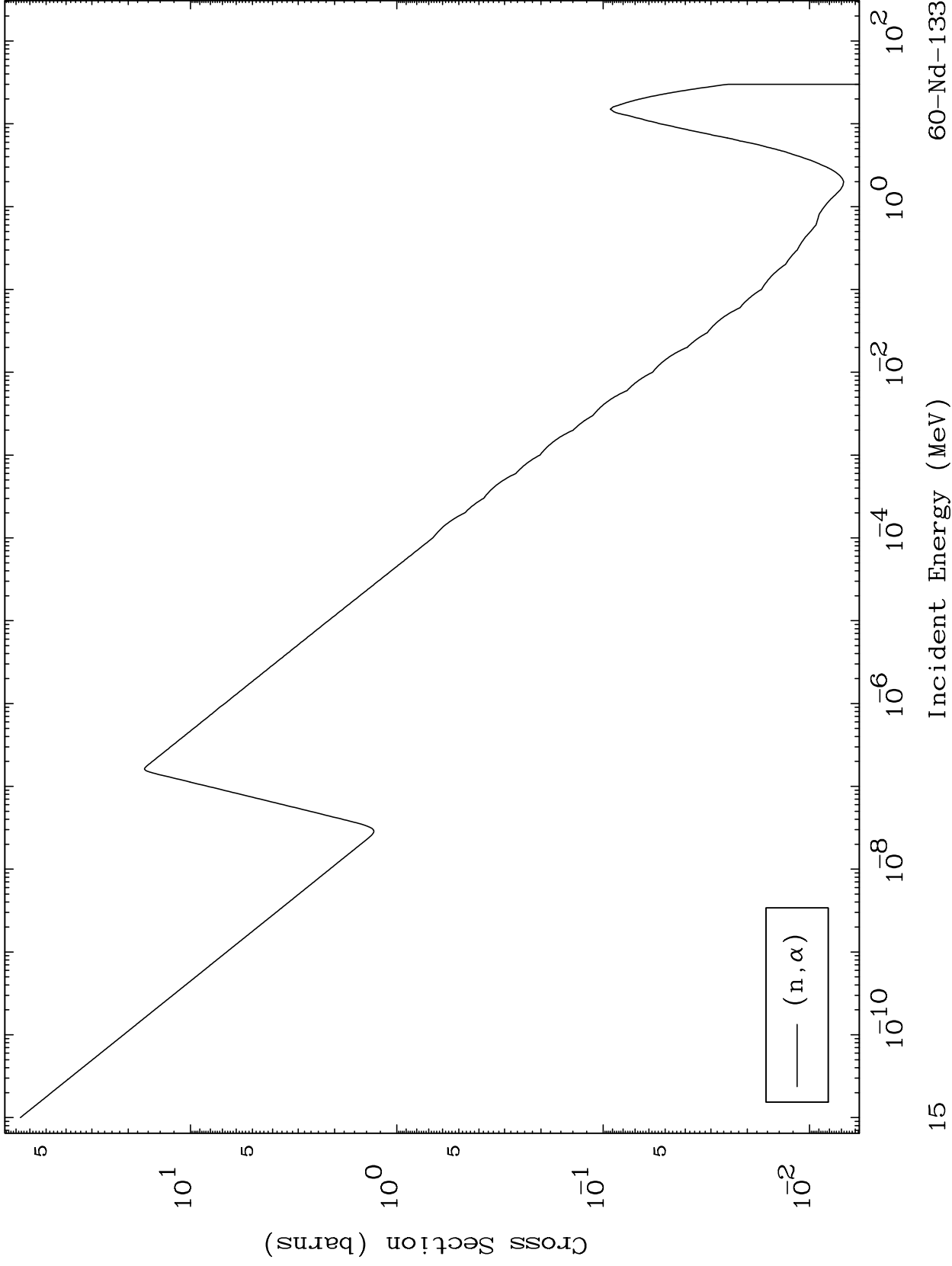
Incident Energy (MeV)

60-Nd-133

MAT 5998

(n,α) Levels
293 Kelvin Cross Sections

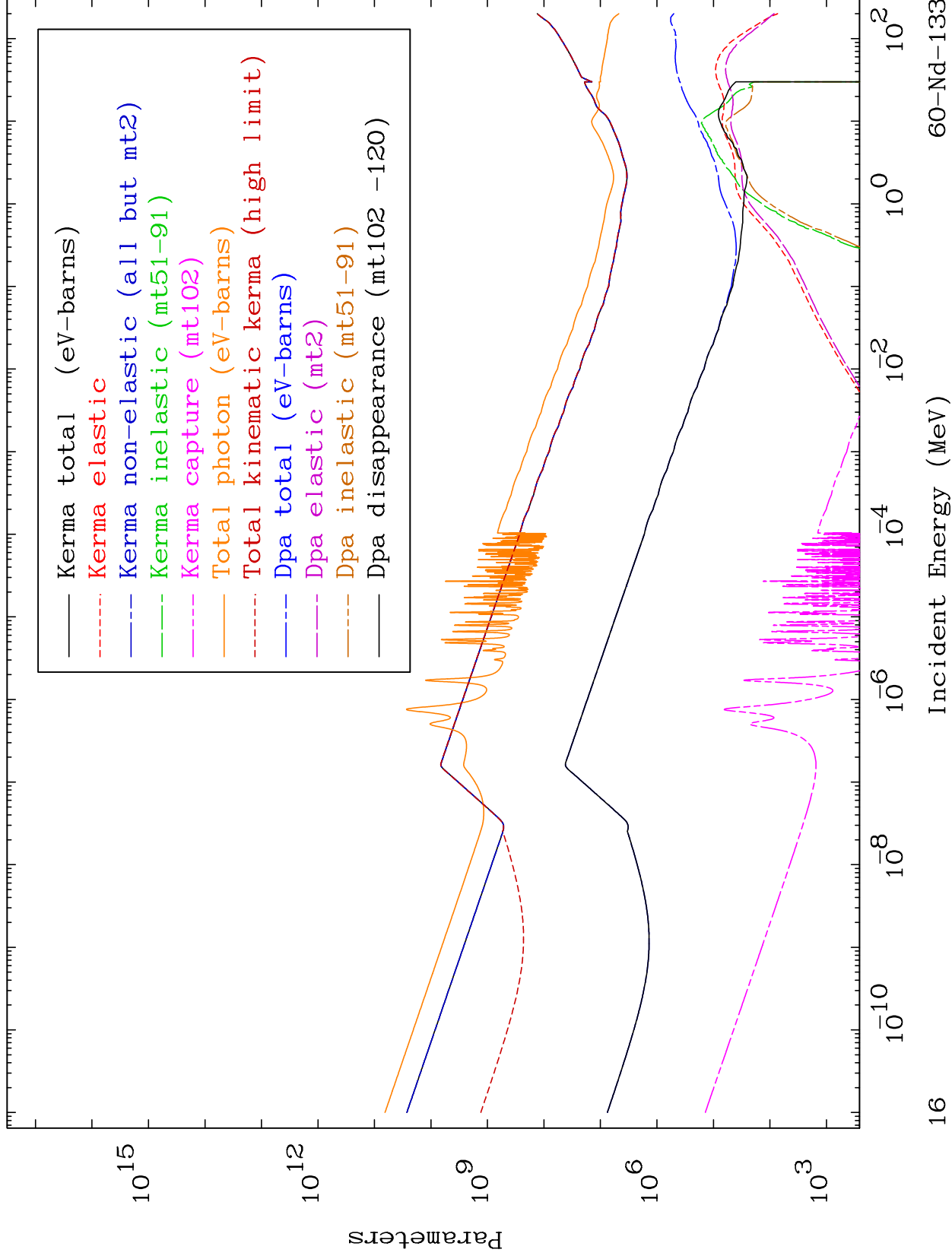
60-Nd-133



15

Incident Energy (MeV)

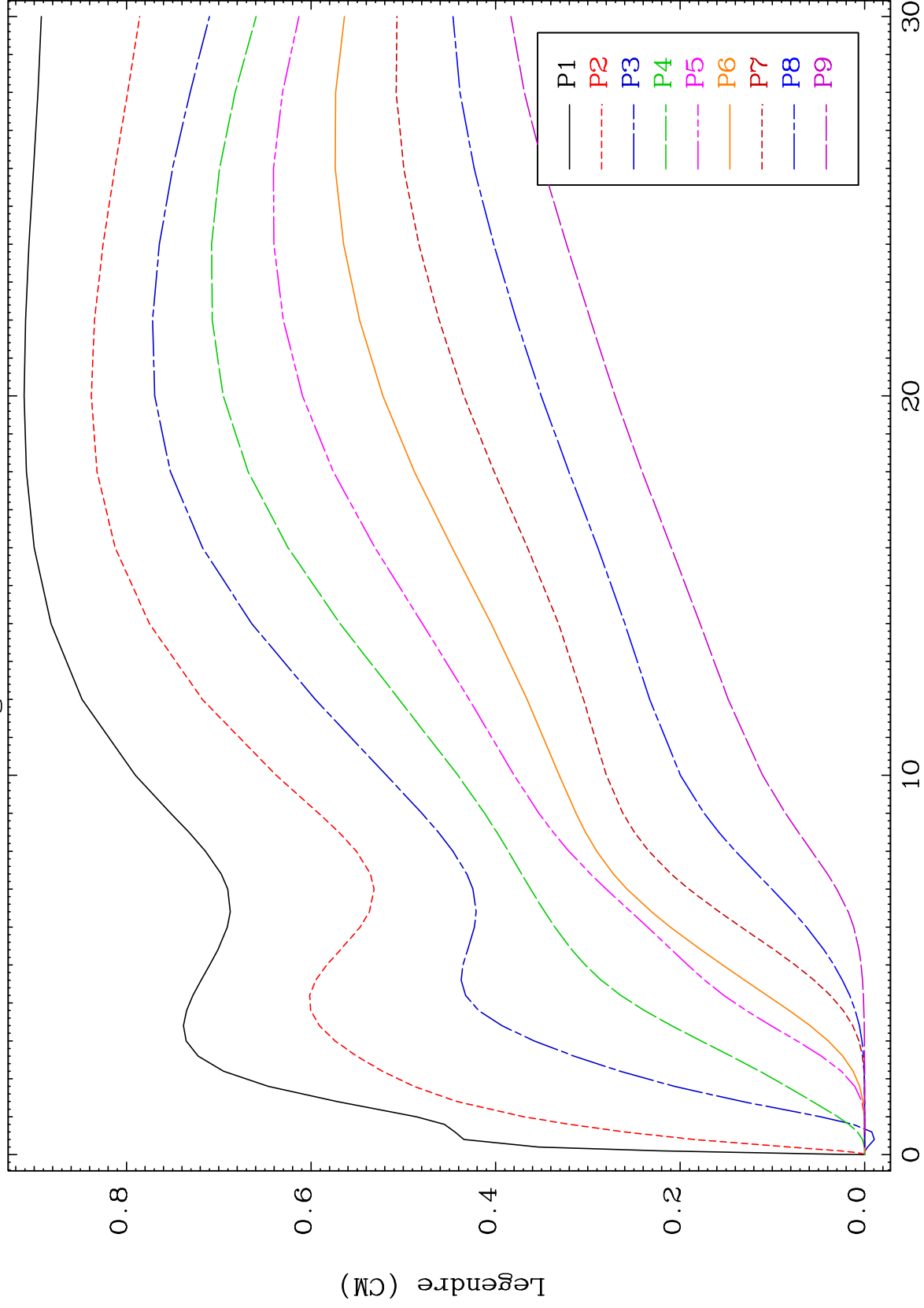
60-Nd-133



MAT 5998

Elastic Legendre Coefficients

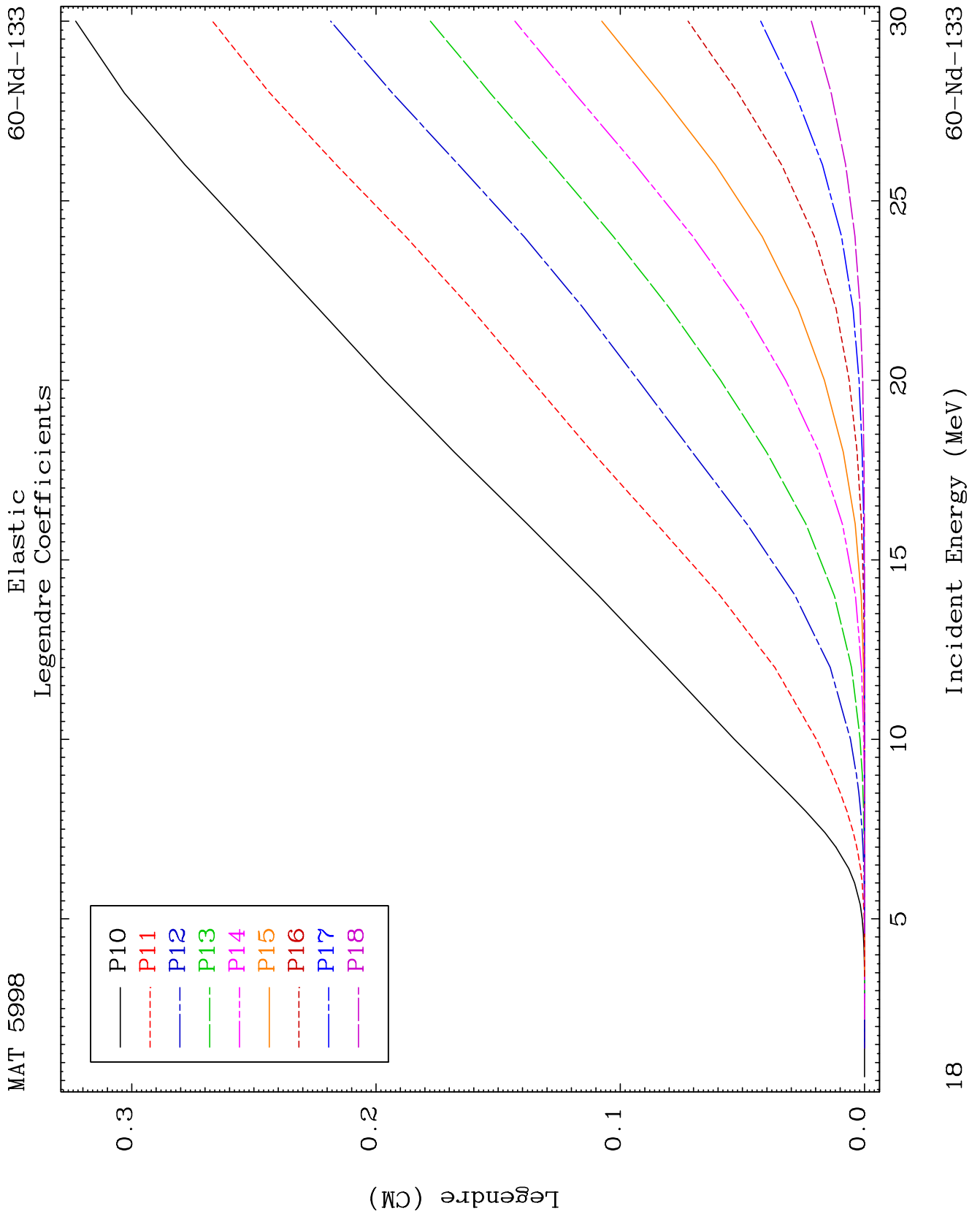
60-Nd-133



17

Incident Energy (MeV)

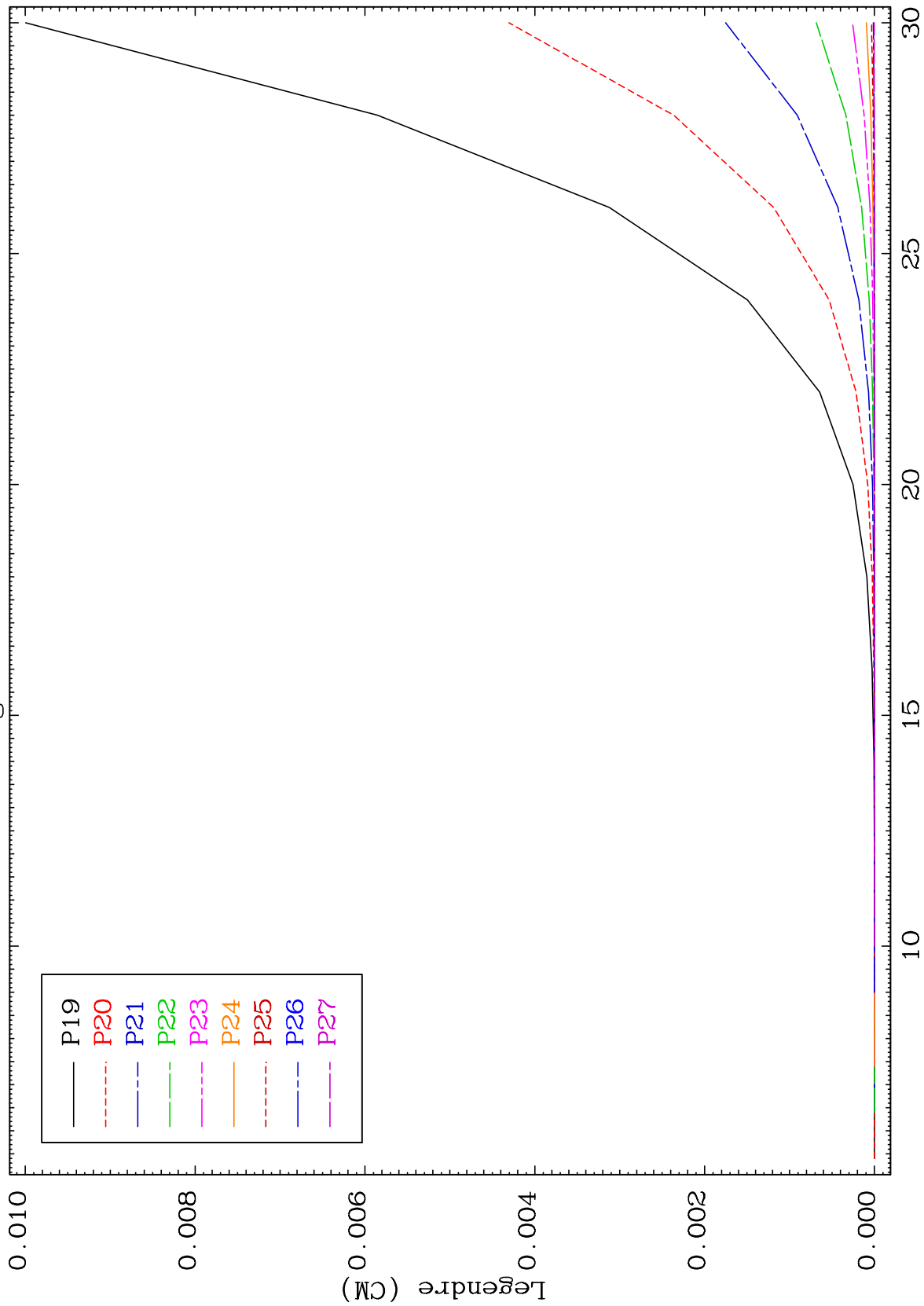
60-Nd-133



MAT 5998

Elastic Legendre Coefficients

60-Nd-133



19

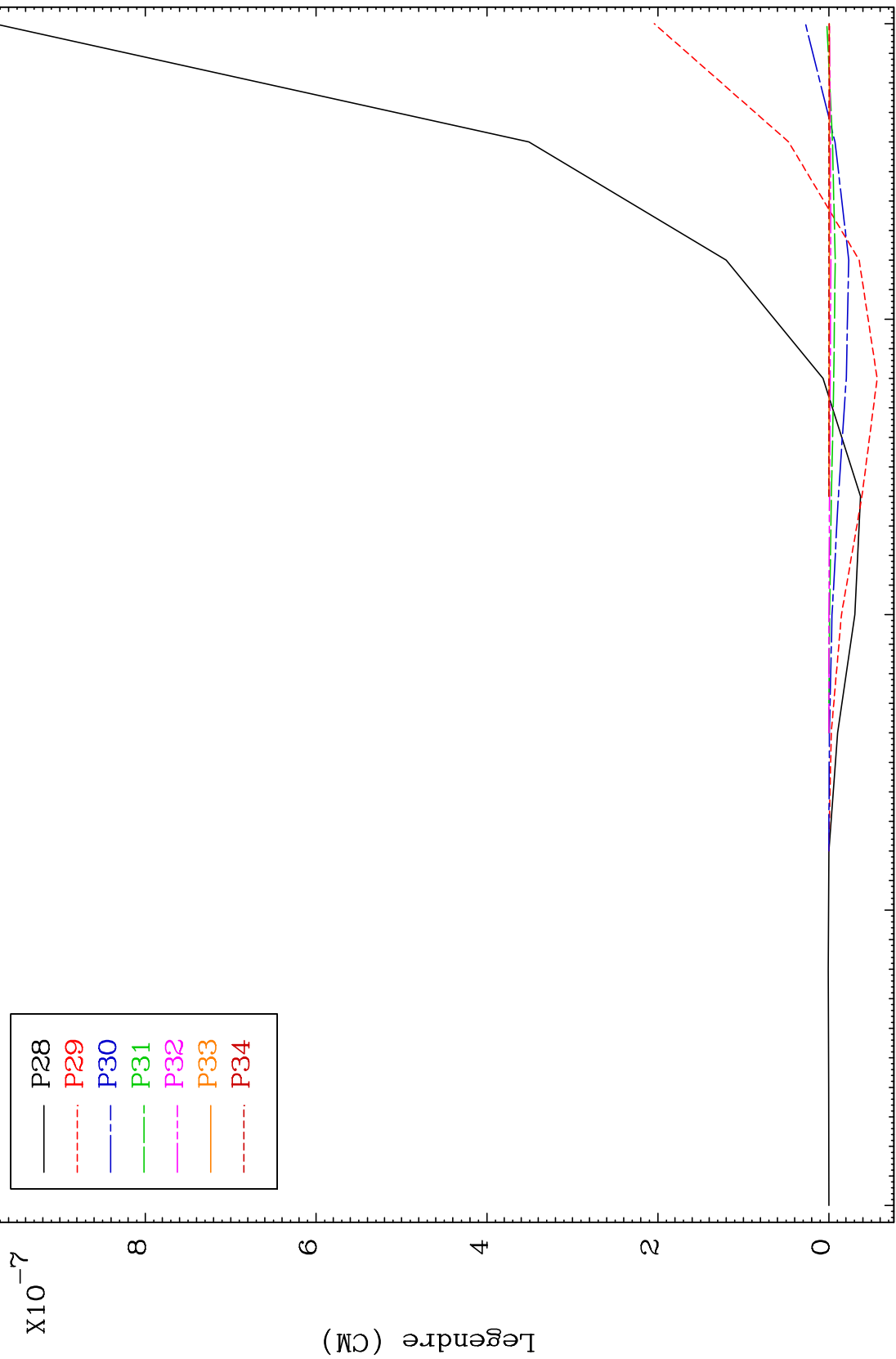
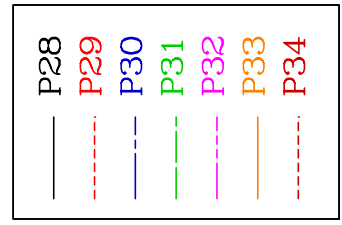
Incident Energy (MeV)

60-Nd-133

MAT 5998

Elastic
Legendre Coefficients

60-Nd-133



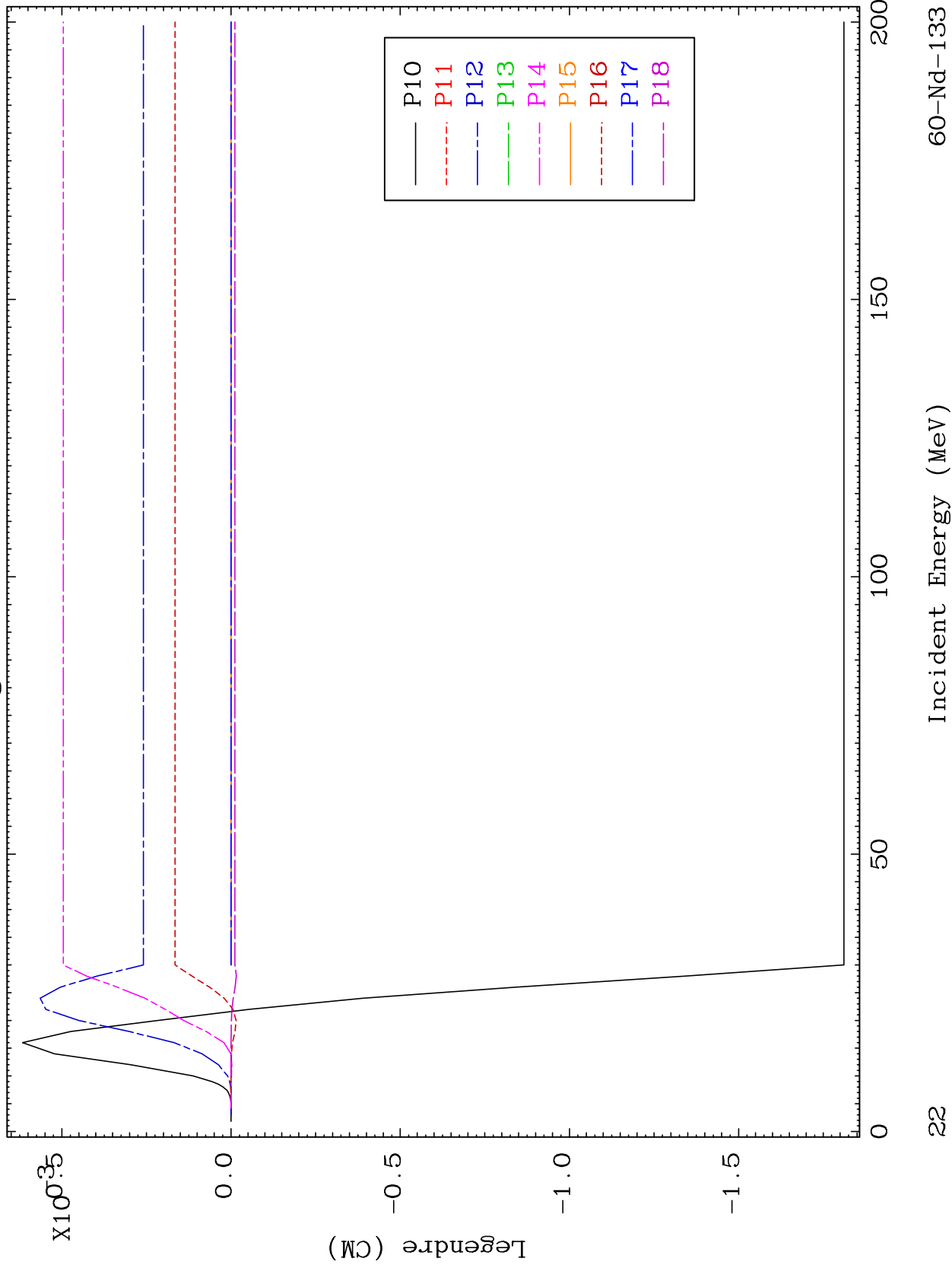
Incident Energy (MeV)

60-Nd-133

MAT 5998

128.0 keV (n,n') Level
Legendre Coefficients

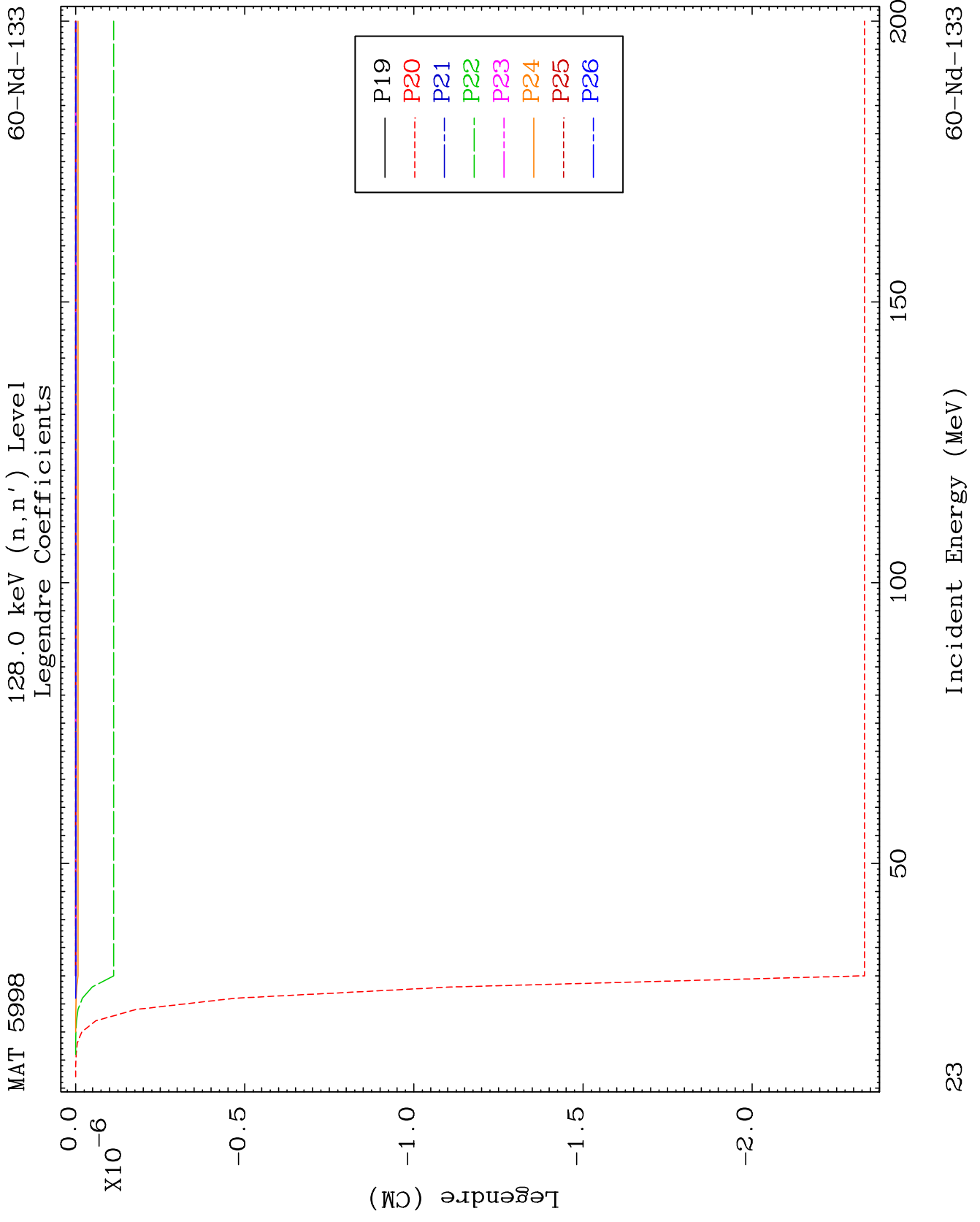
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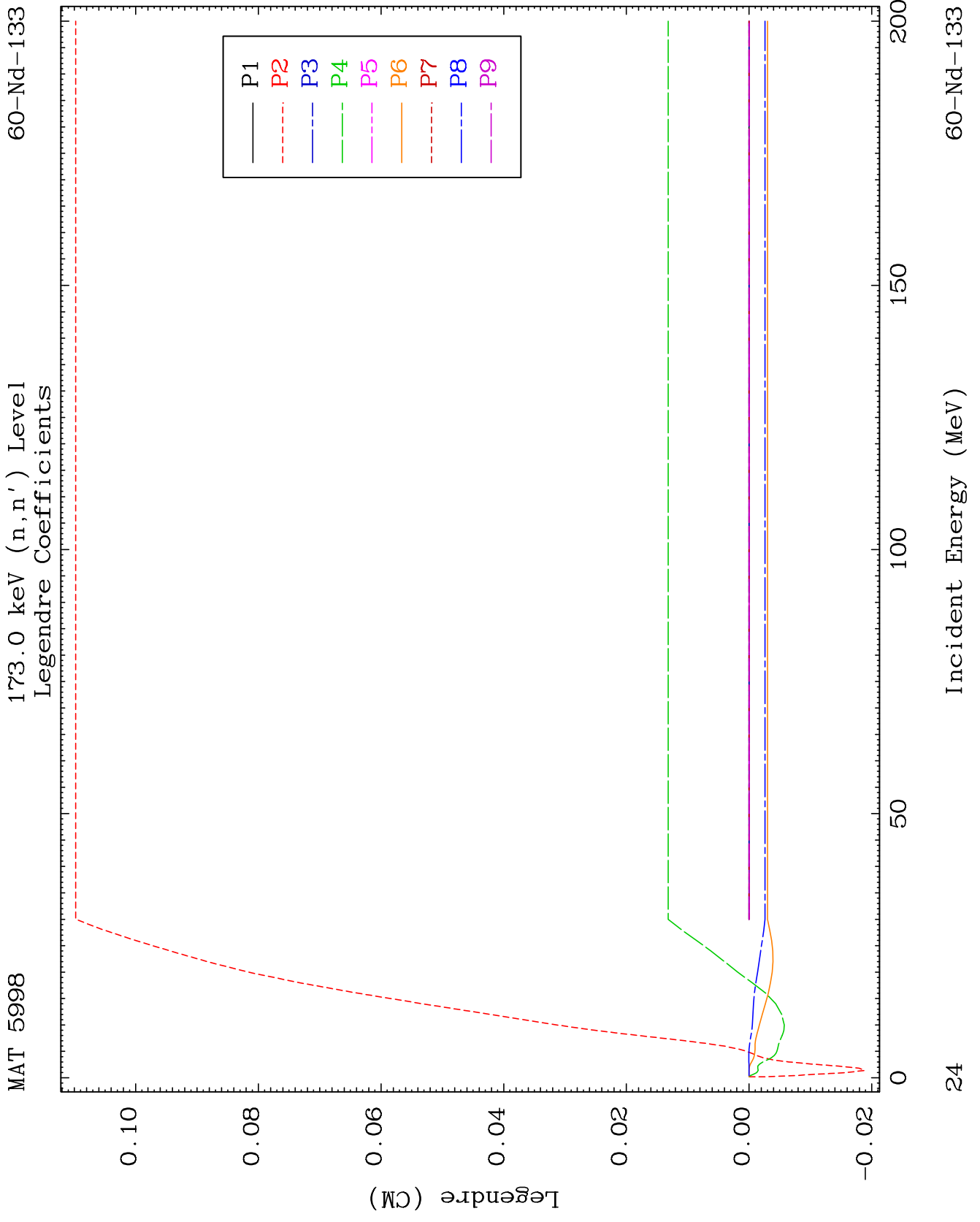


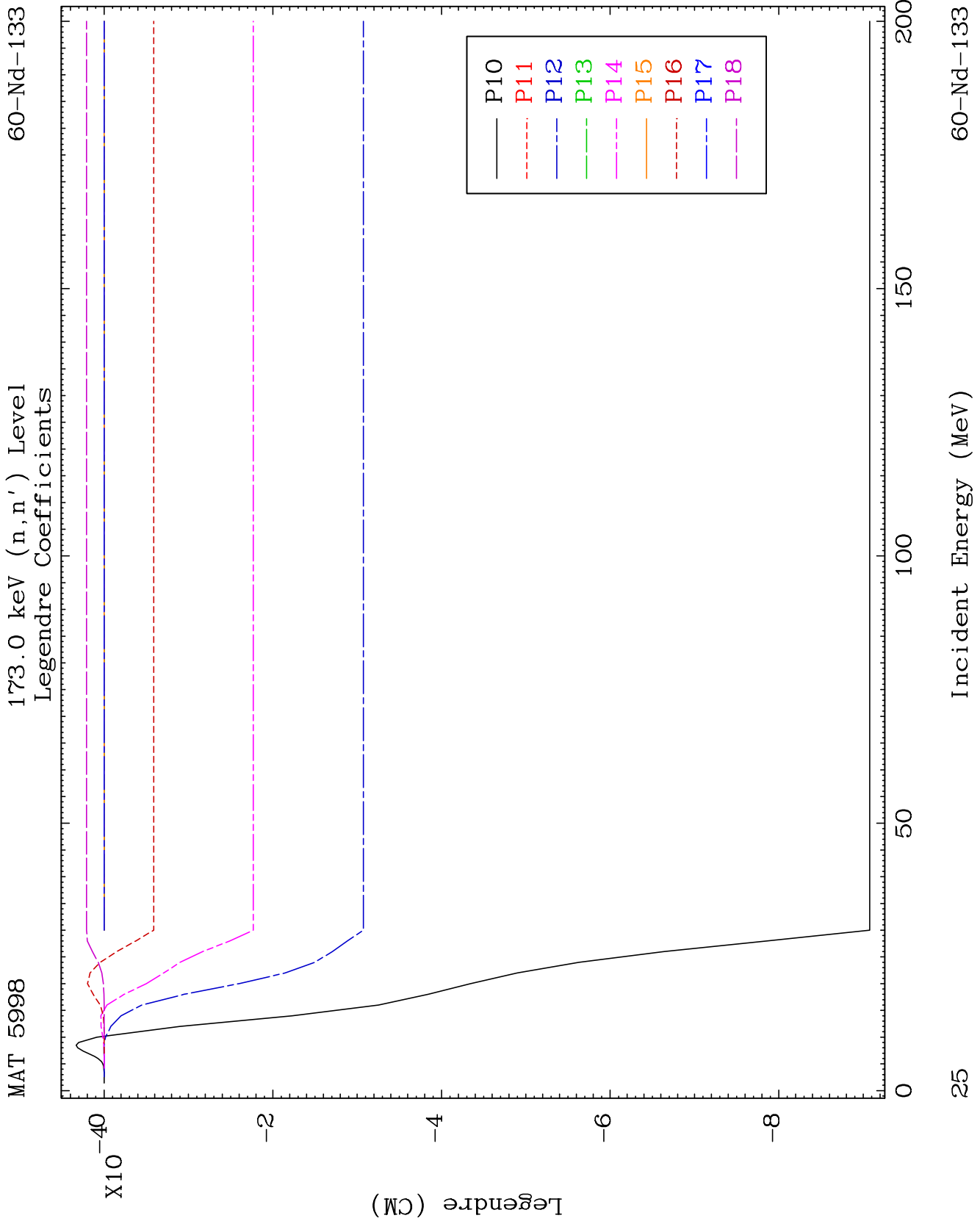
60-Nd-133

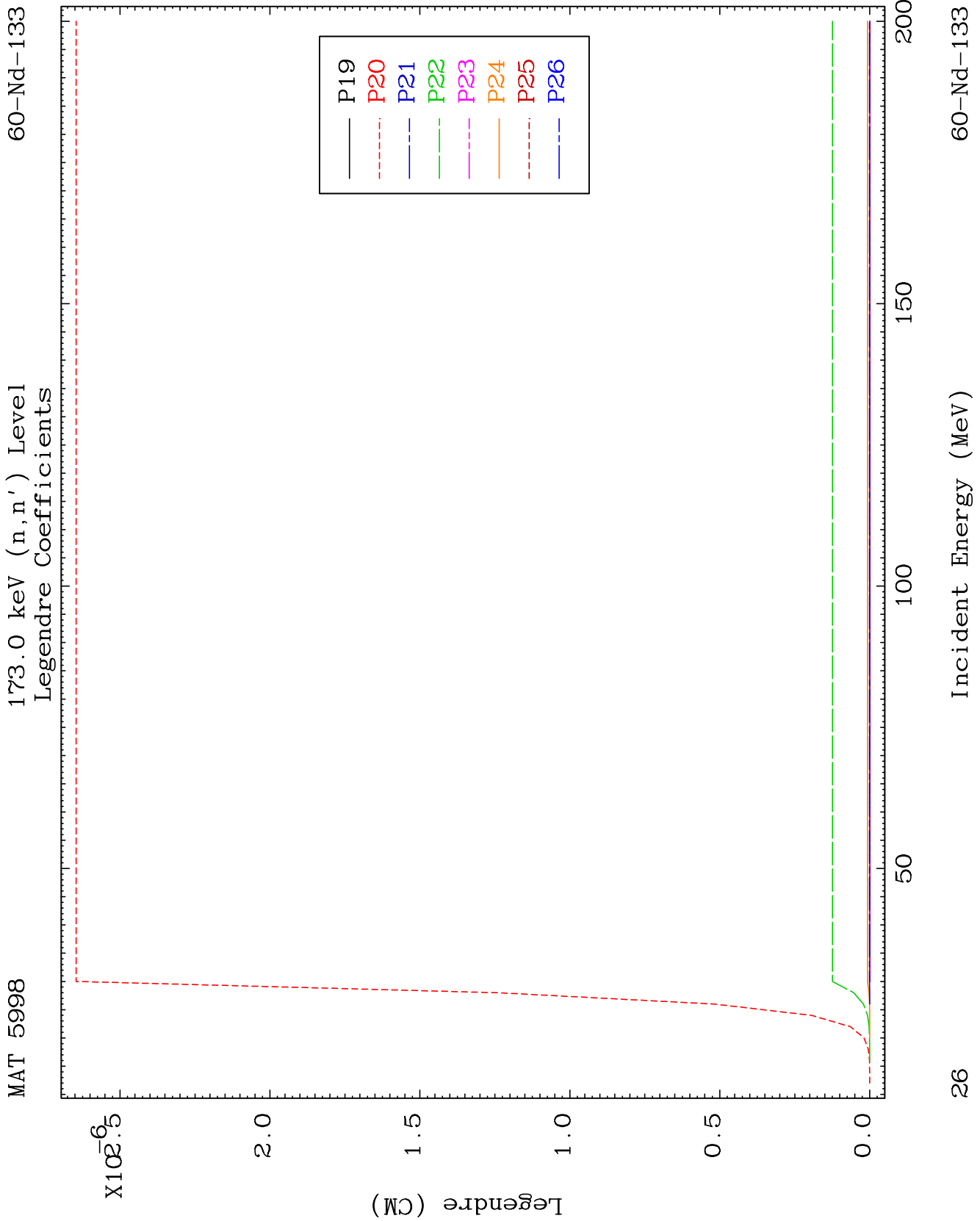
Incident Energy (MeV)

22





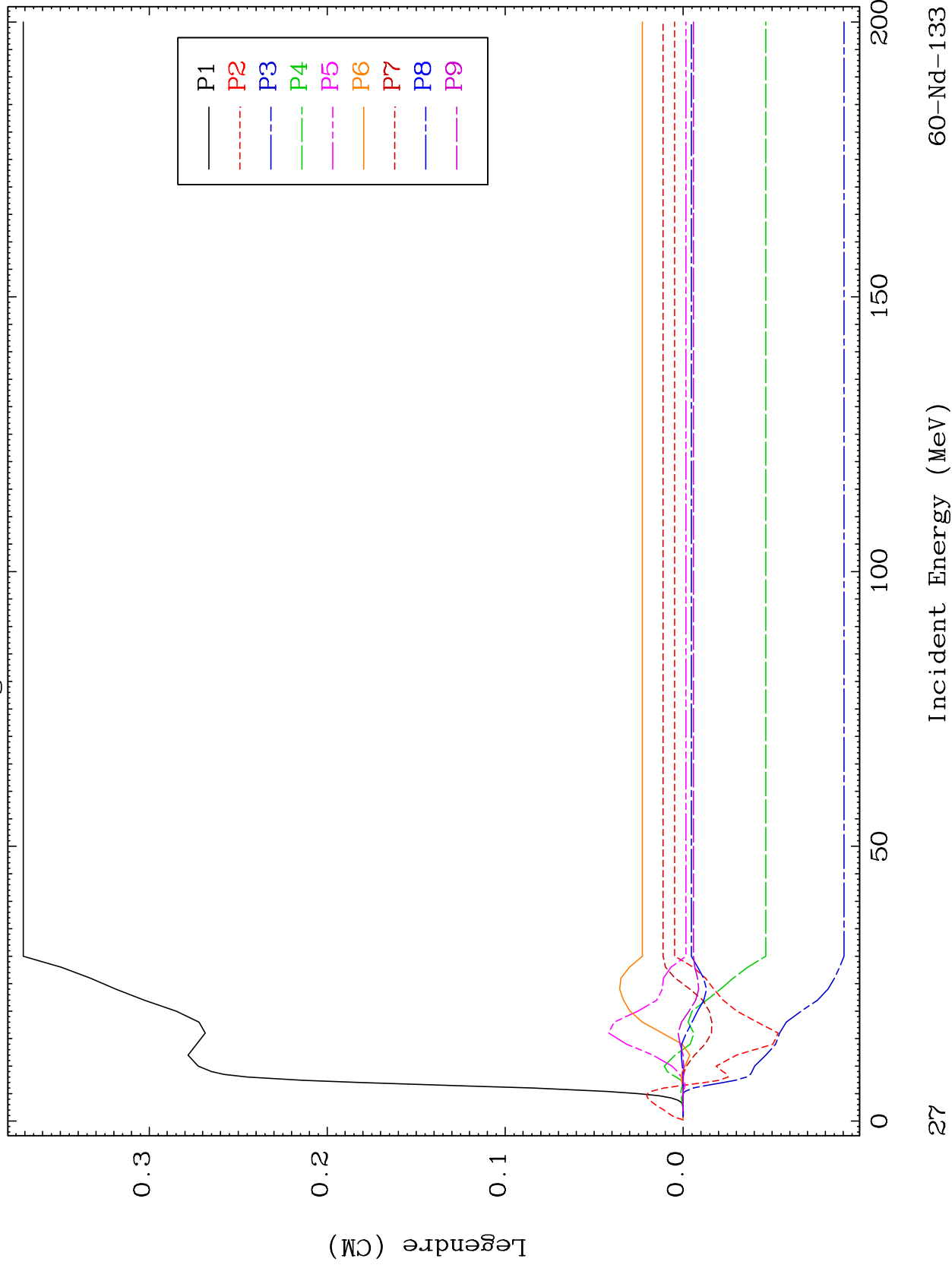




MAT 5998

176.1 keV (n,n') Level
Legendre Coefficients

60-Nd-133



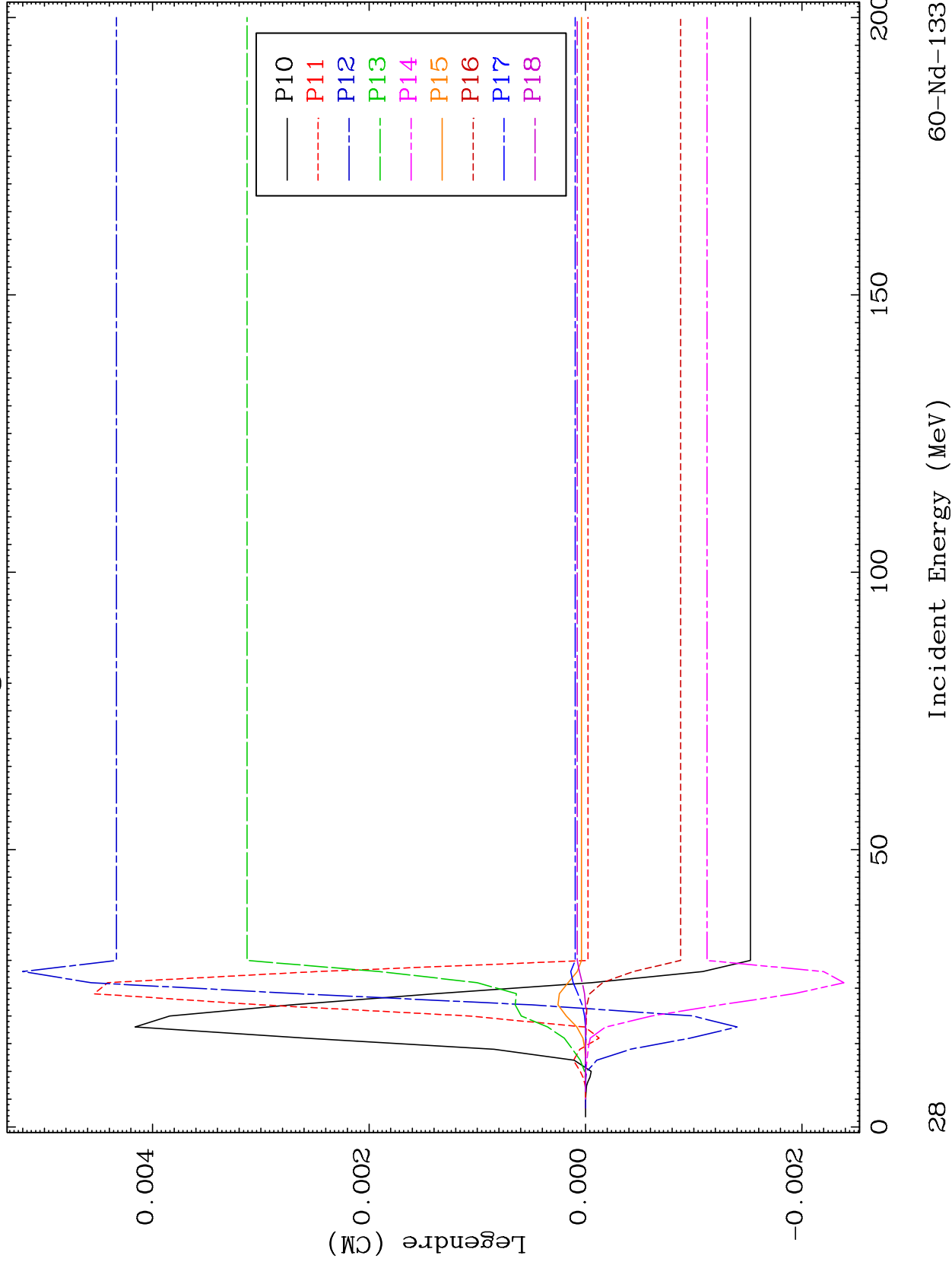
27

60-Nd-133

MAT 5998

176.1 keV (n,n') Level
Legendre Coefficients

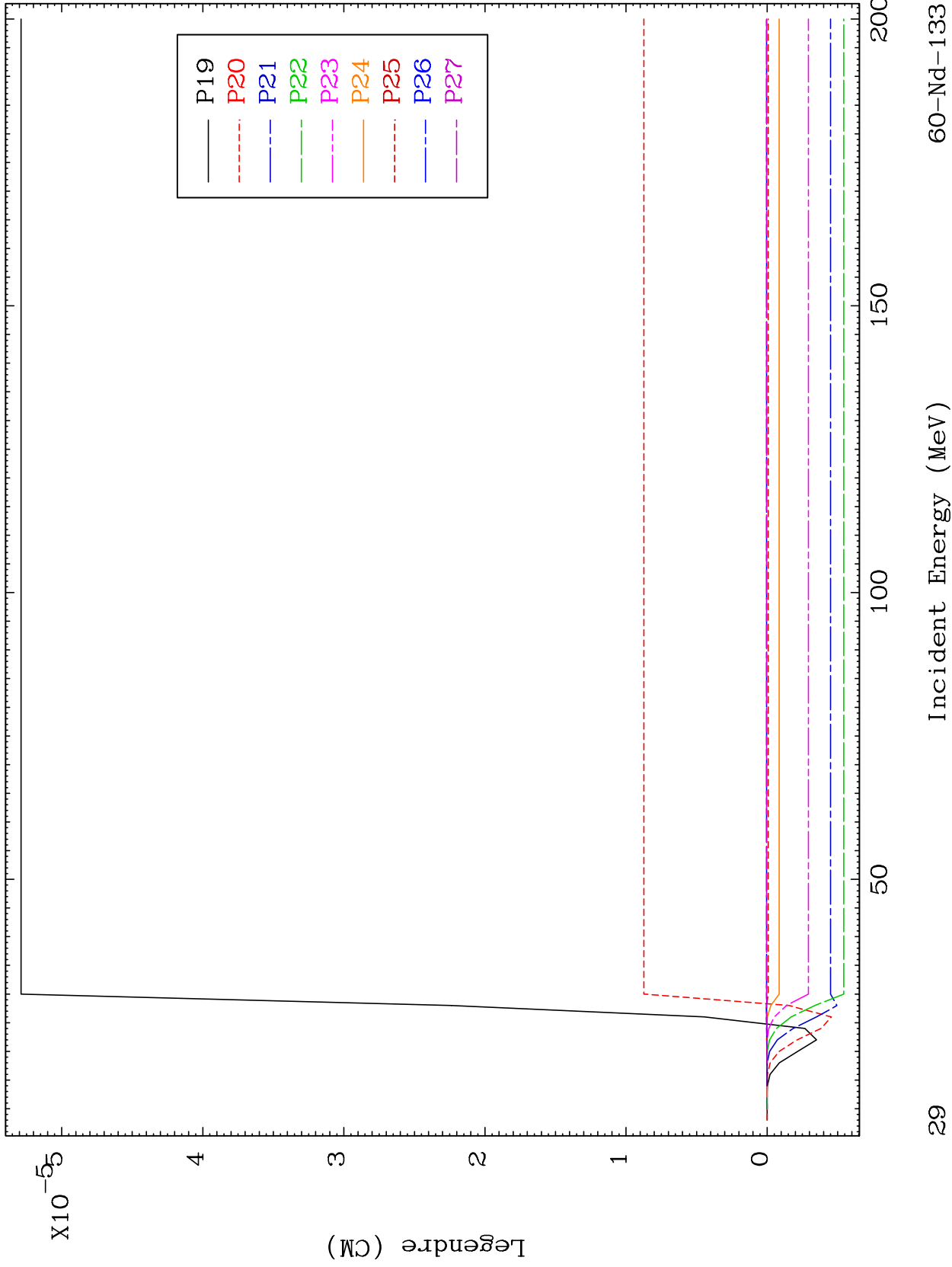
60-Nd-133

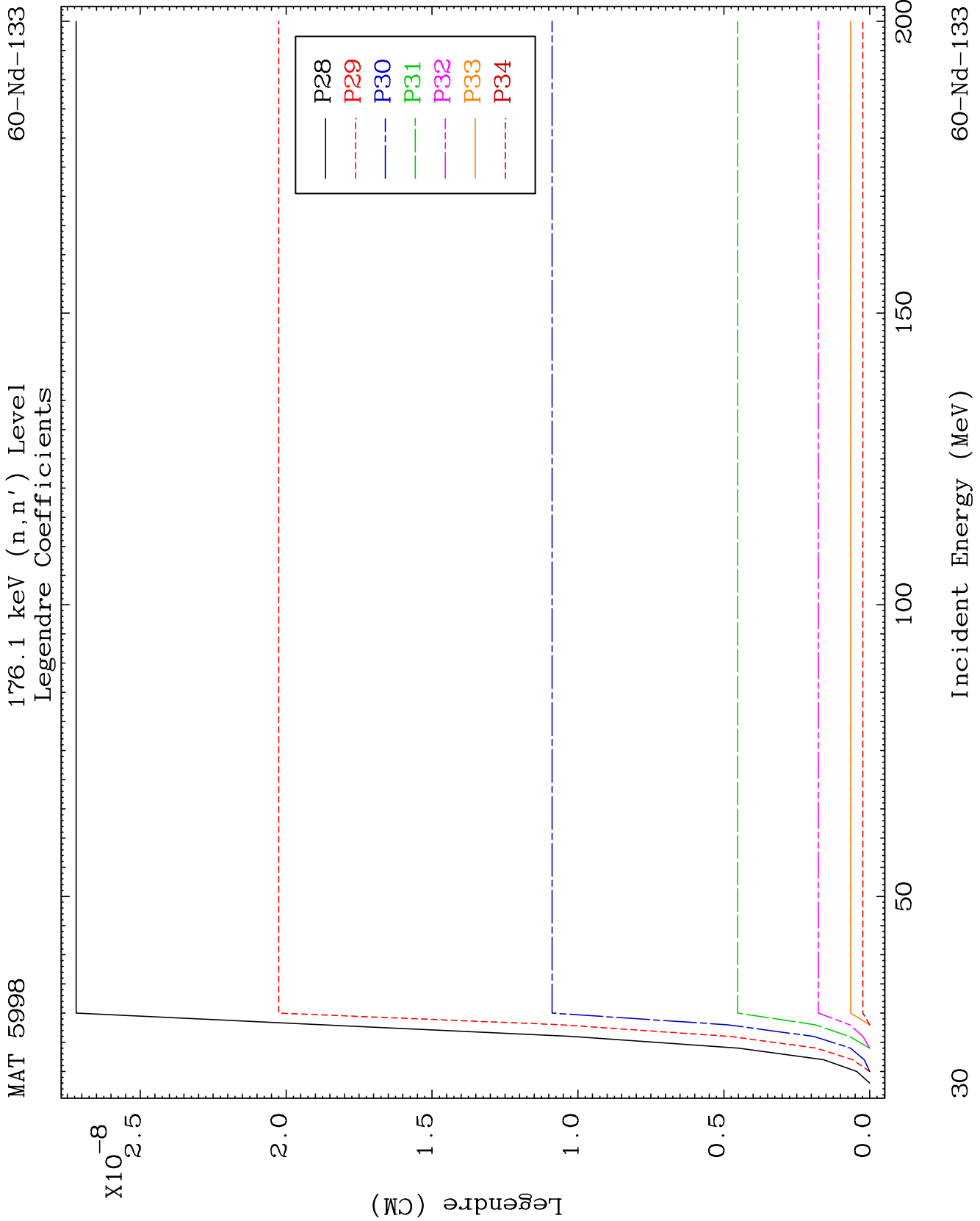


60-Nd-133

Incident Energy (MeV)

28

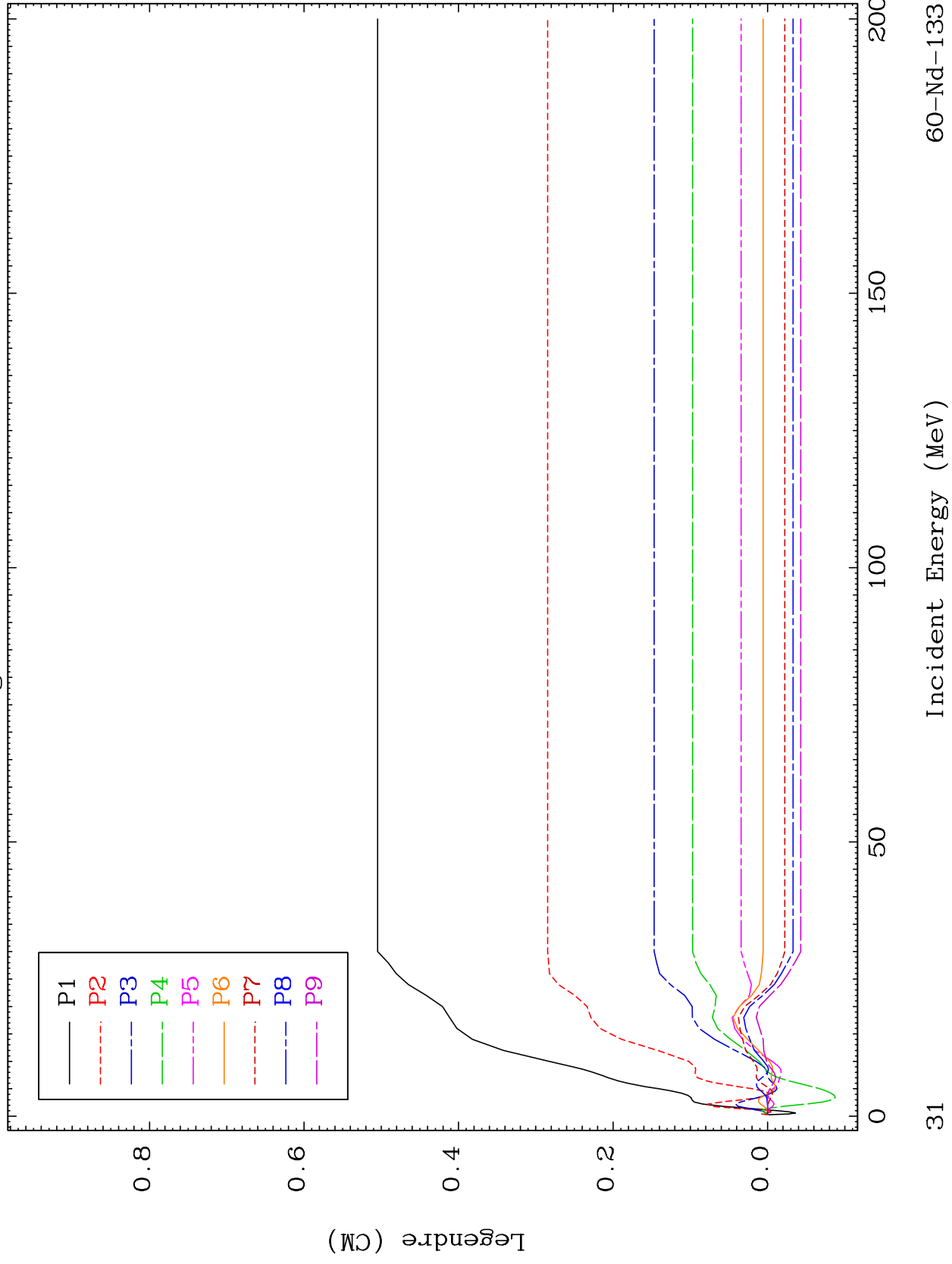




MAT 5998

245.5 keV (n,n') Level
Legendre Coefficients

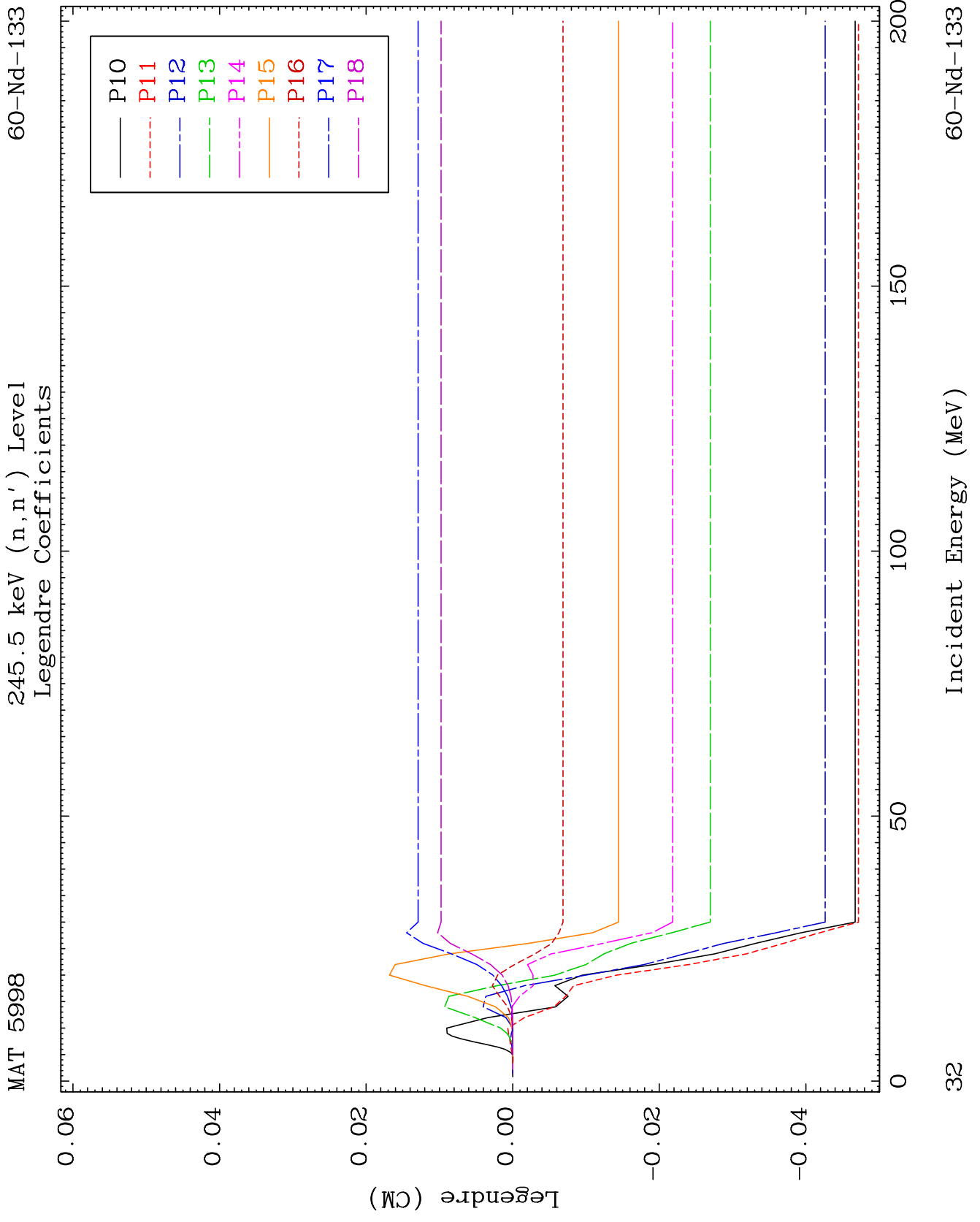
60-Nd-133

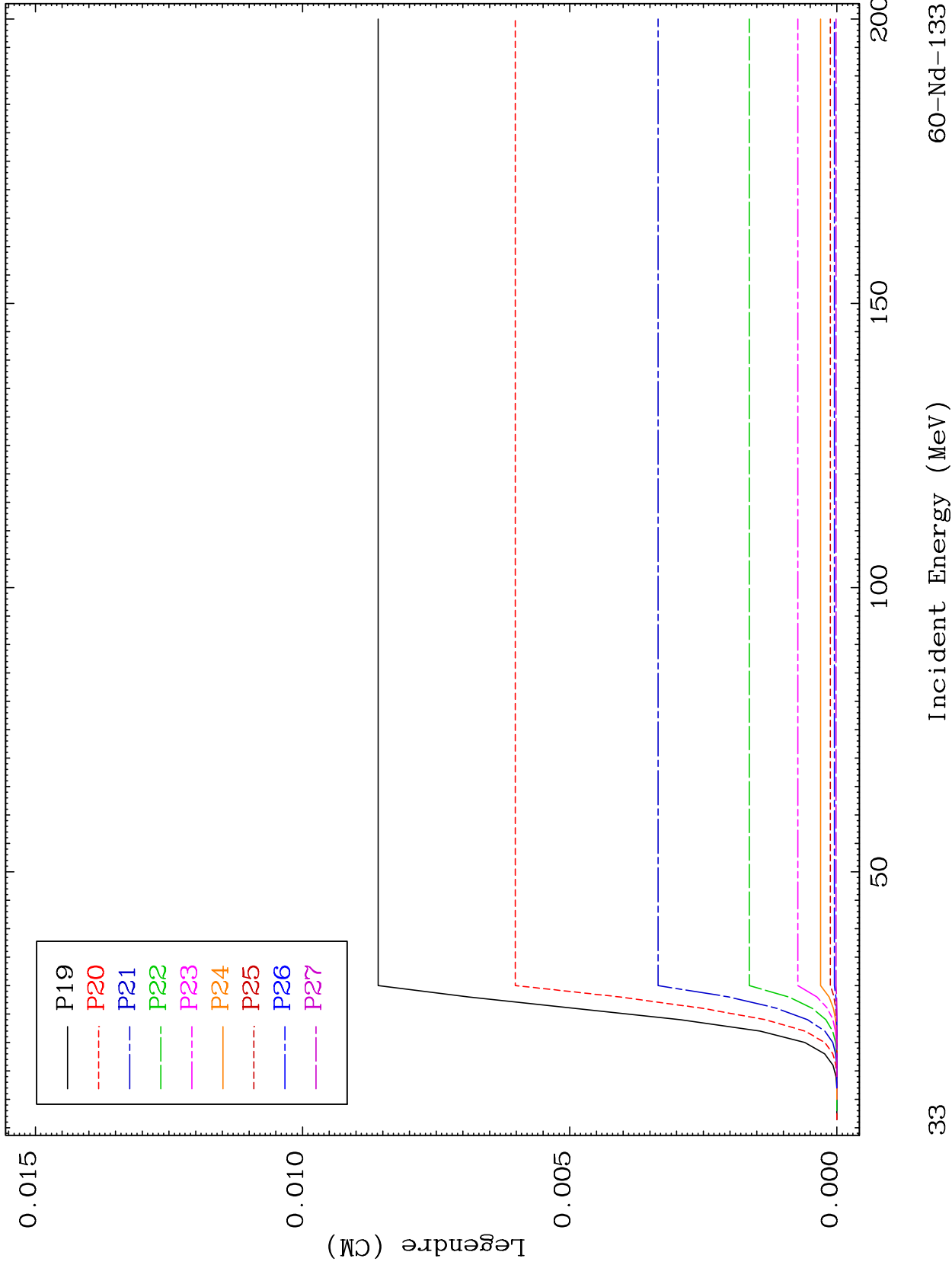


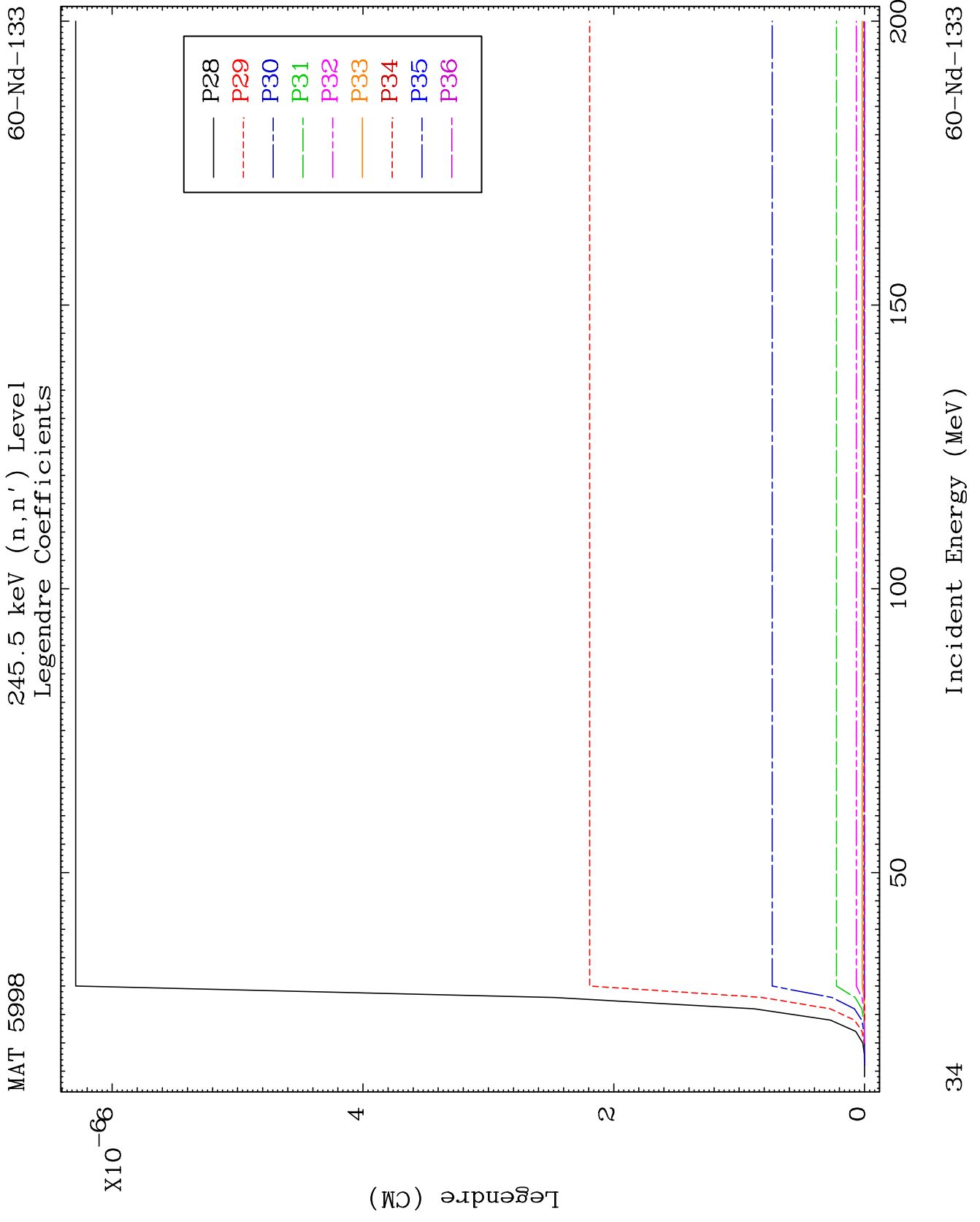
60-Nd-133

Incident Energy (MeV)

31



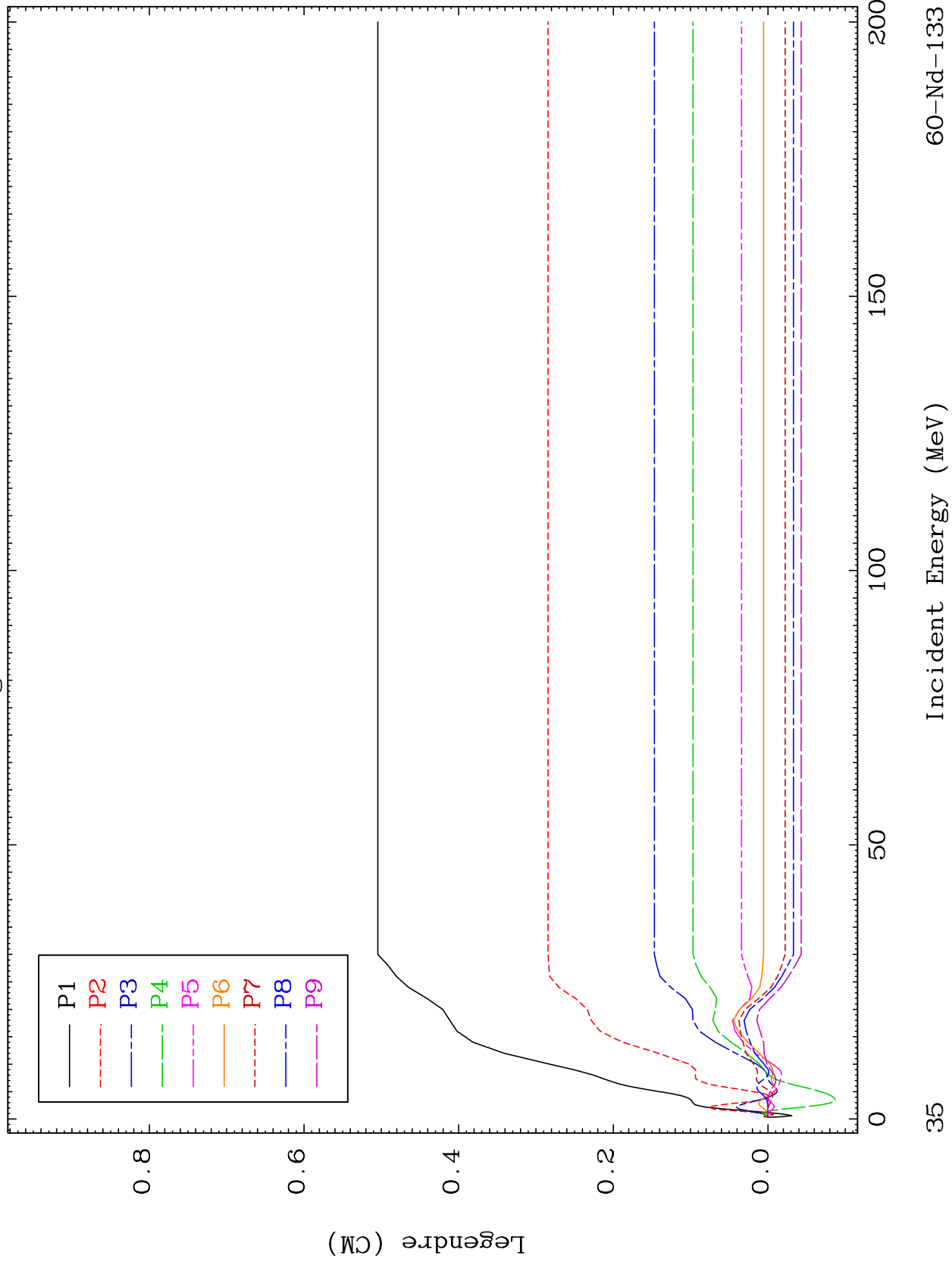




MAT 5998

291.4 keV (n,n') Level
Legendre Coefficients

60-Nd-133



60-Nd-133

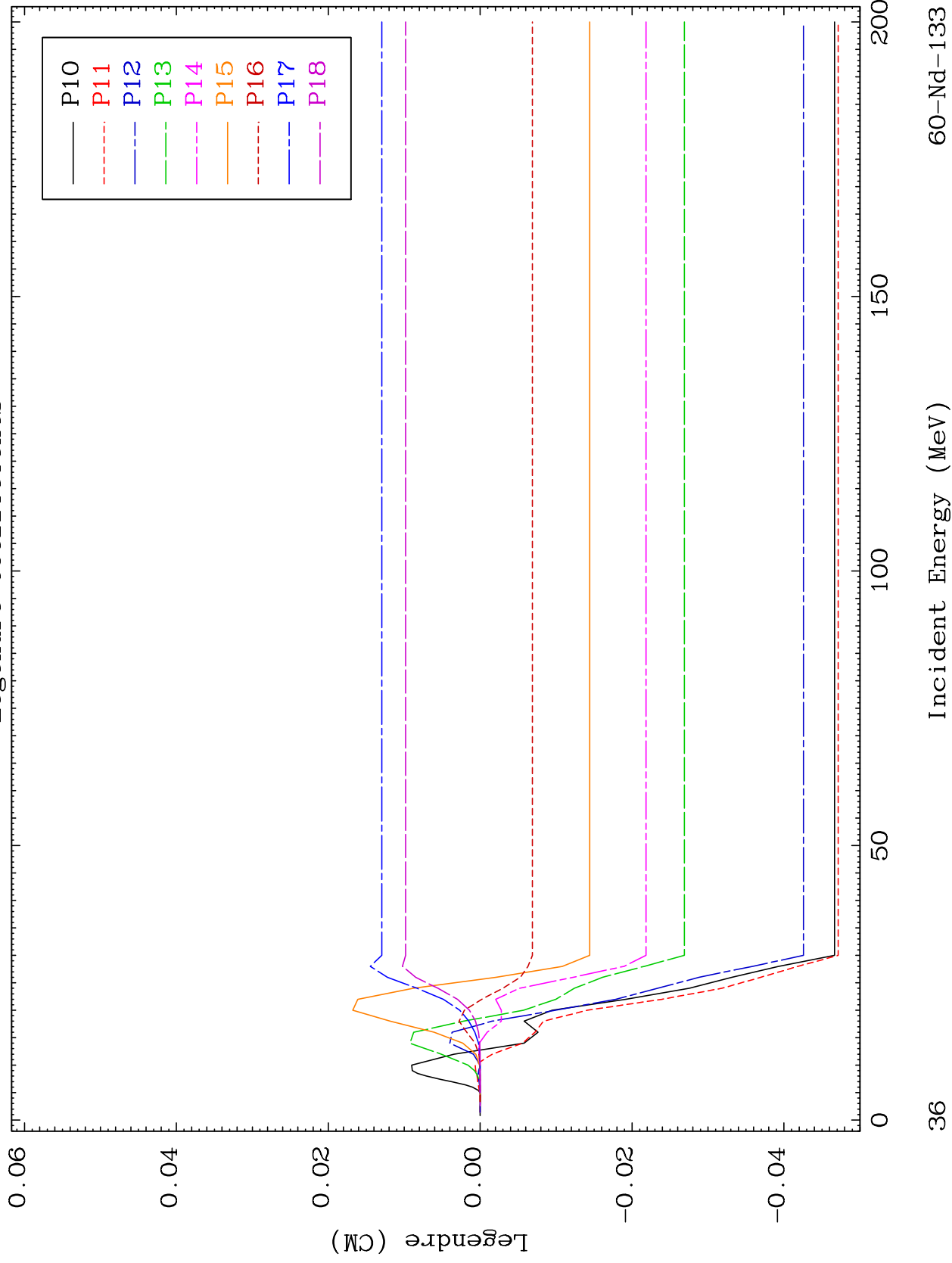
Incident Energy (MeV)

35

MAT 5998

291.4 keV (n,n') Level
Legendre Coefficients

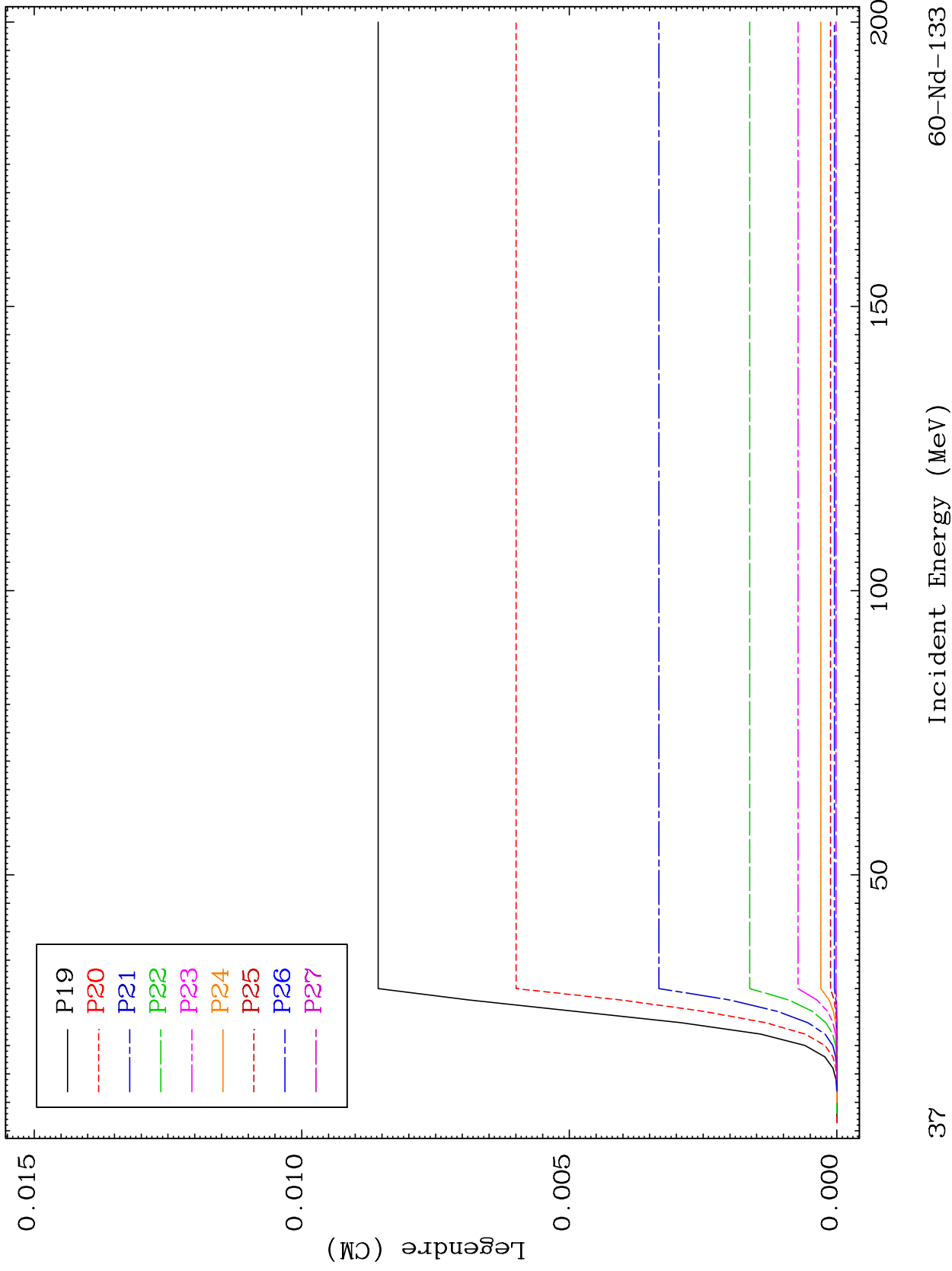
60-Nd-133



60-Nd-133

Incident Energy (MeV)

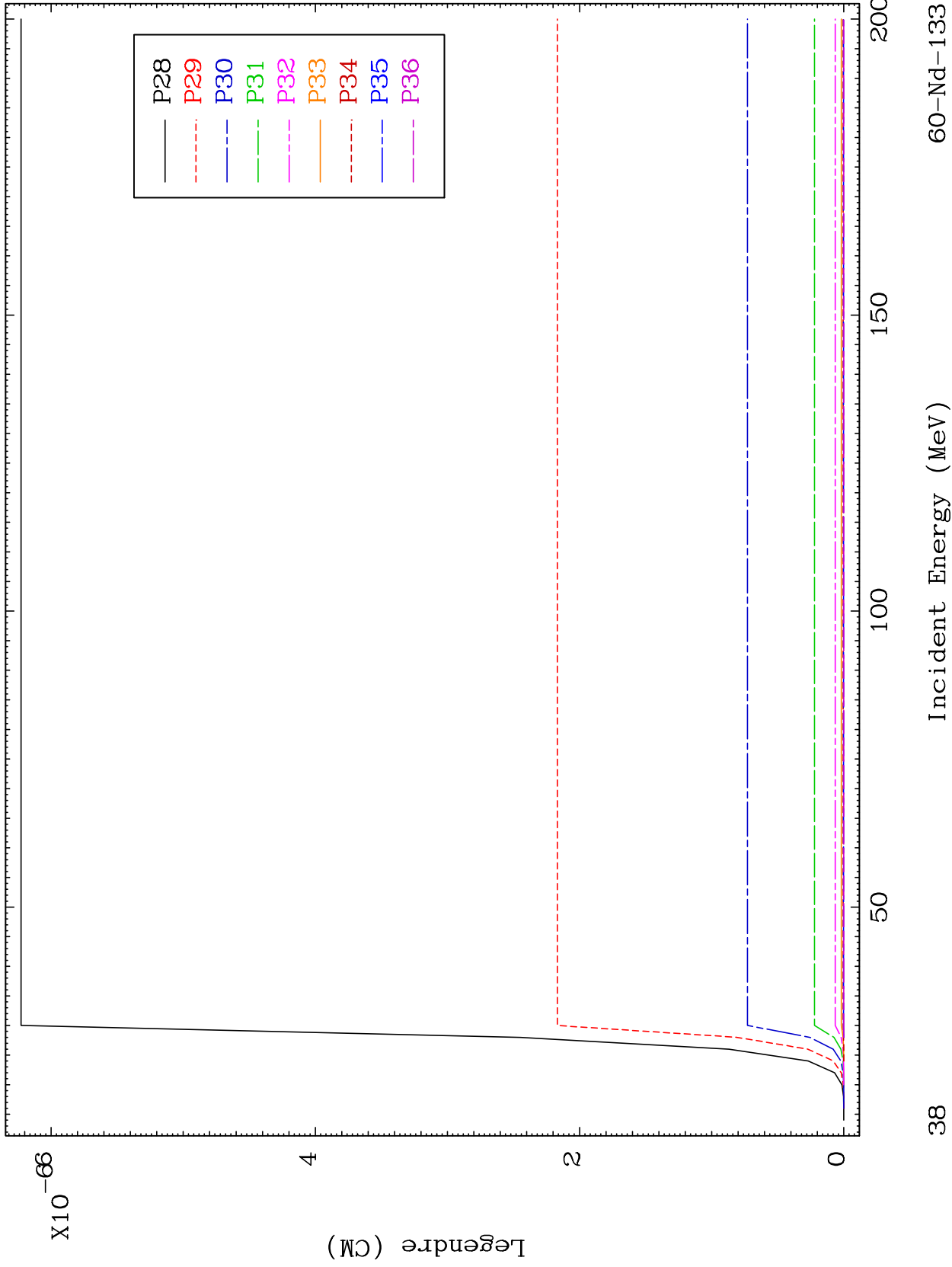
36



MAT 5998

291.4 keV (n,n') Level
Legendre Coefficients

60-Nd-133



38

Incident Energy (MeV)

60-Nd-133

200

150

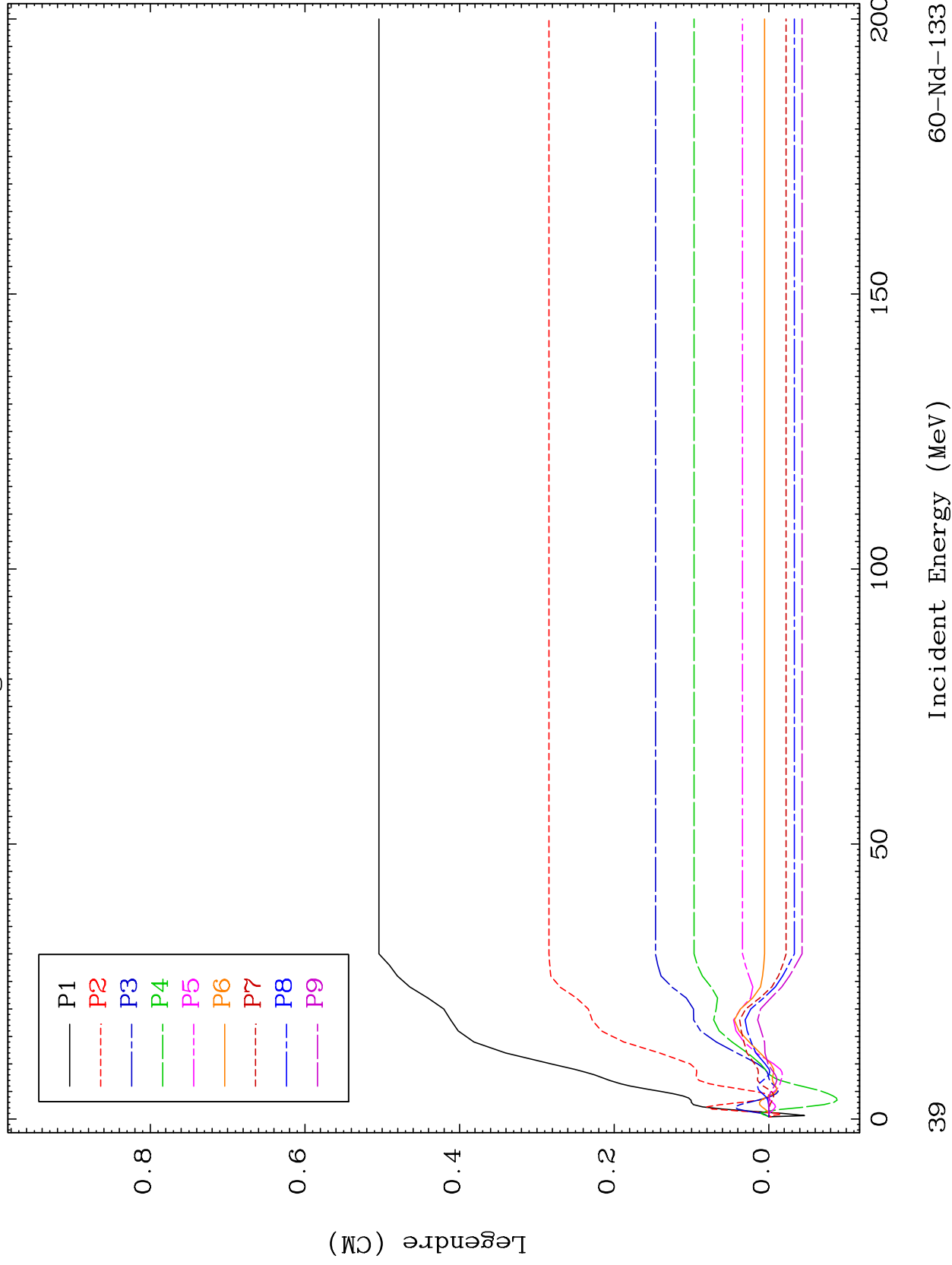
100

50

MAT 5998

338.9 keV (n,n') Level
Legendre Coefficients

60-Nd-133



60-Nd-133

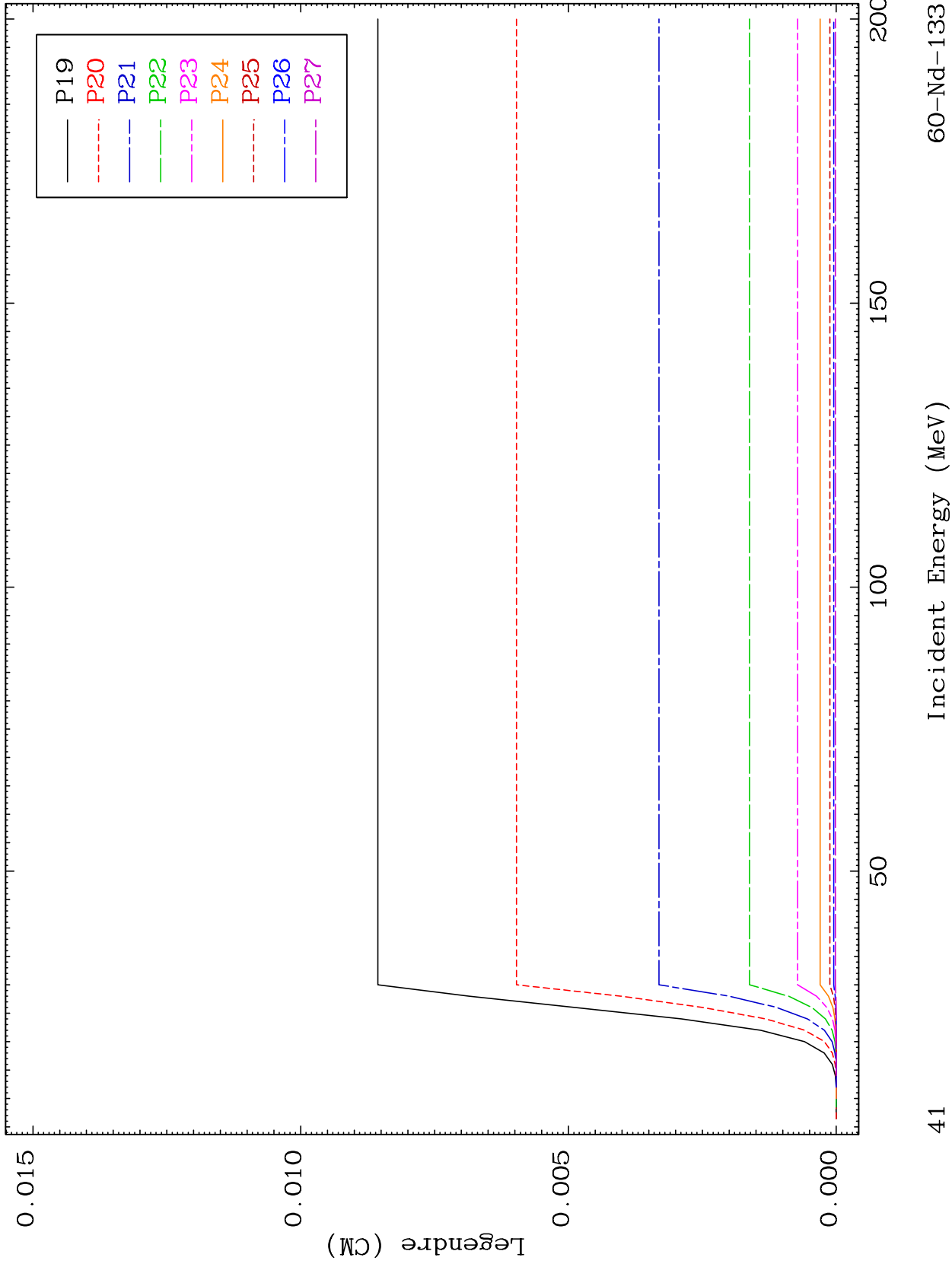
Incident Energy (MeV)

39

MAT 5998

338.9 keV (n,n') Level
Legendre Coefficients

60-Nd-133



41

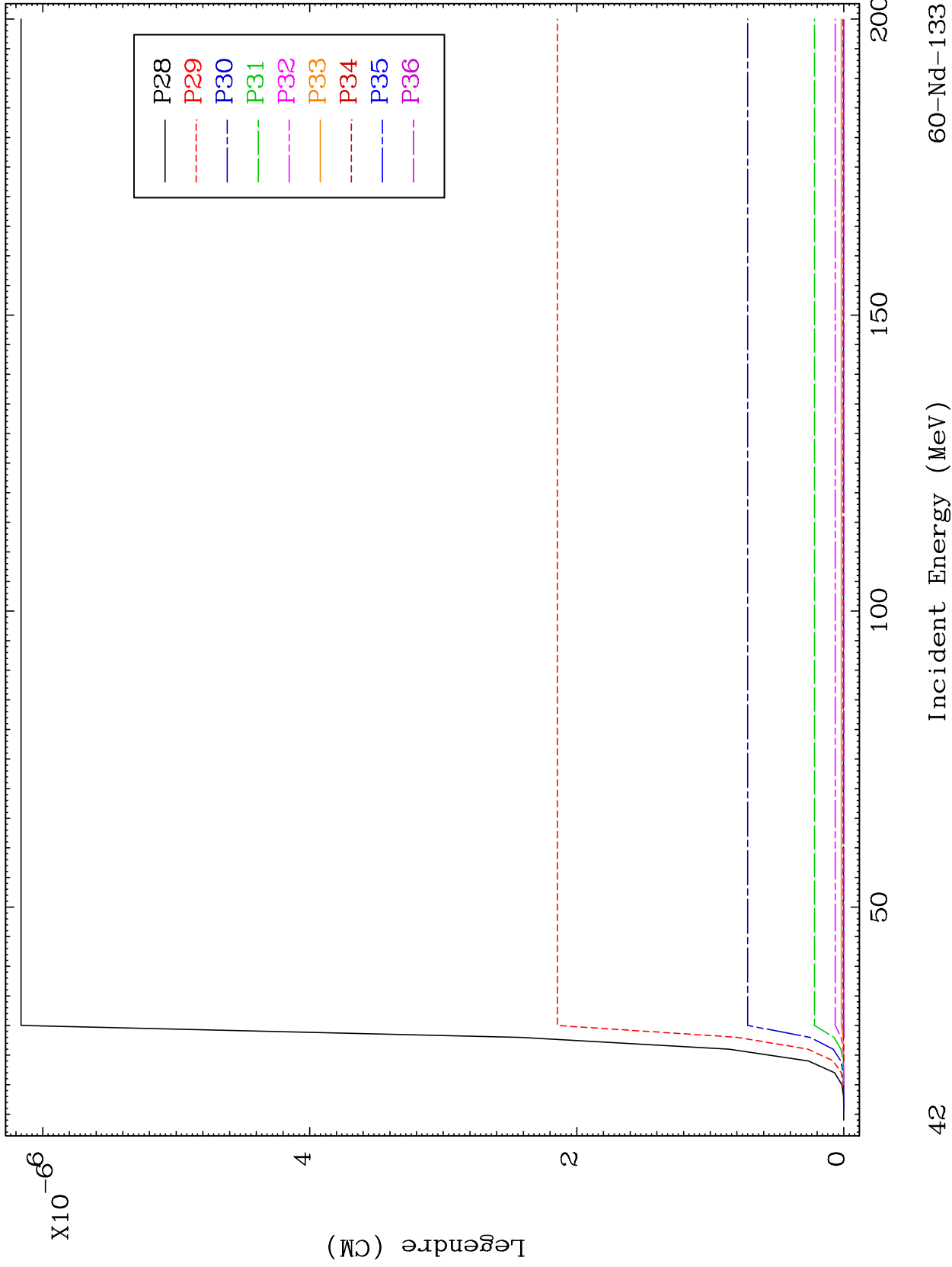
Incident Energy (MeV)

60-Nd-133

MAT 5998

338.9 keV (n,n') Level
Legendre Coefficients

60-Nd-133



42

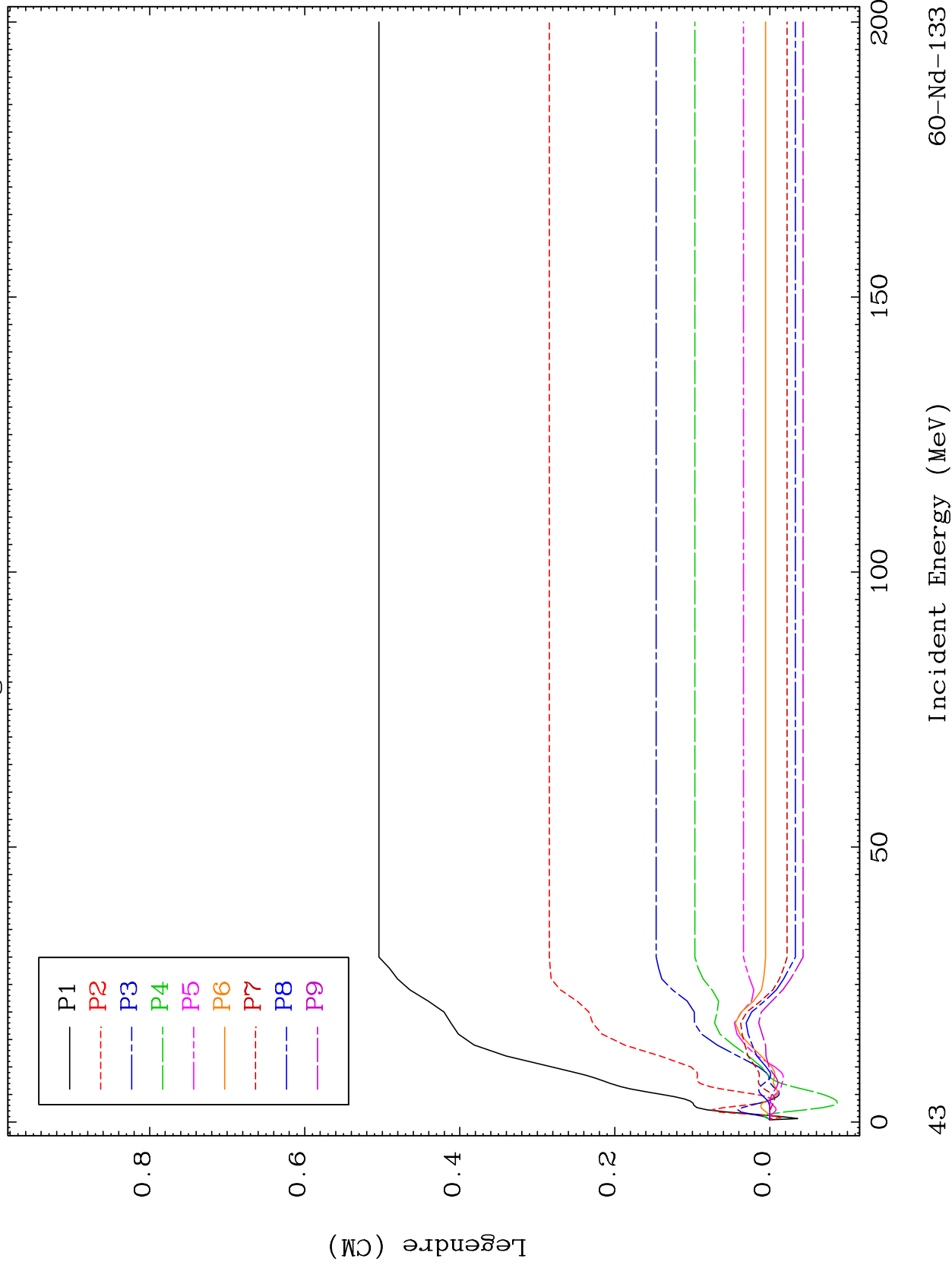
Incident Energy (MeV)

60-Nd-133

MAT 5998

345.2 keV (n,n') Level
Legendre Coefficients

60-Nd-133



60-Nd-133

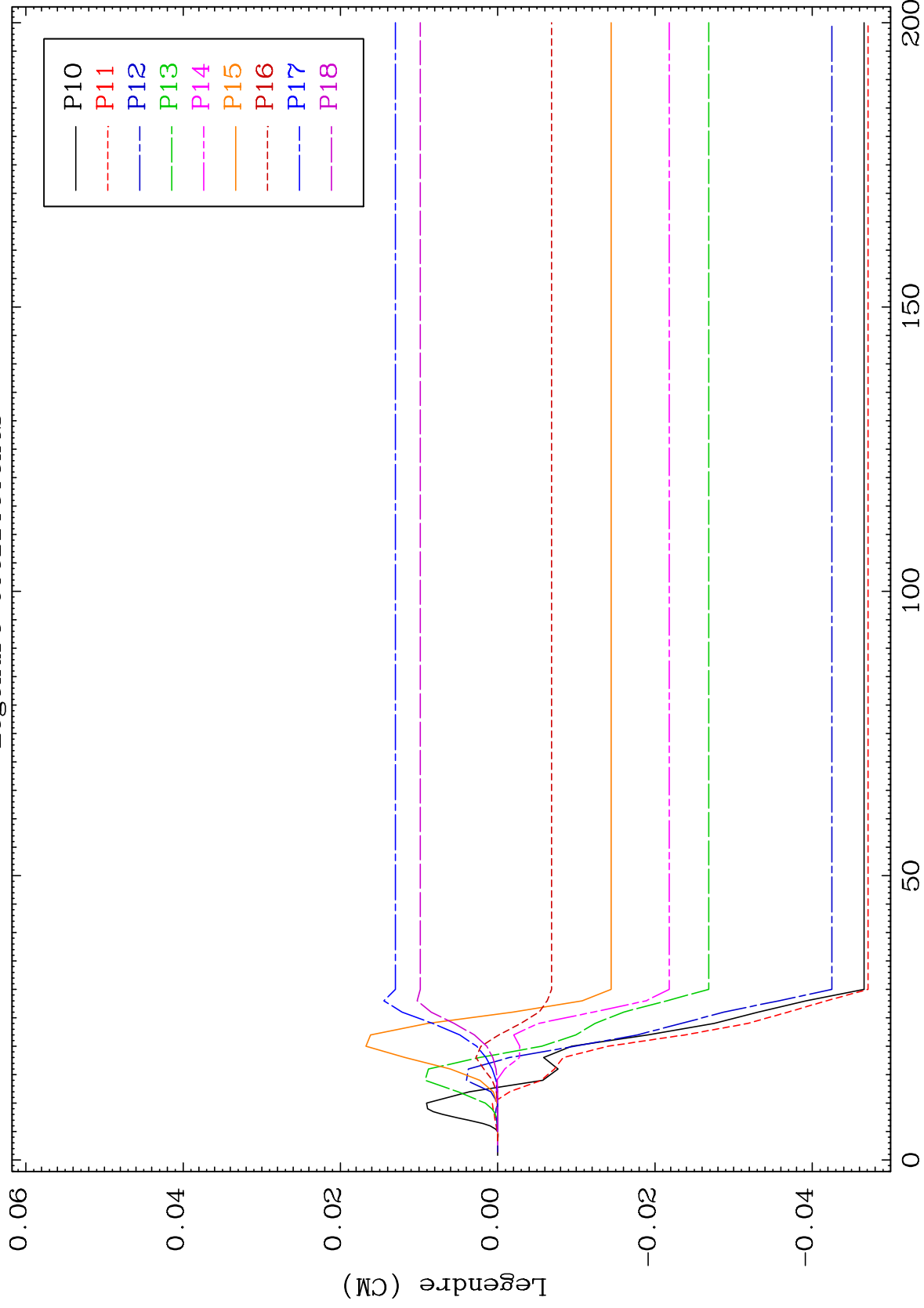
Incident Energy (MeV)

43

MAT 5998

345.2 keV (n,n') Level
Legendre Coefficients

60-Nd-133



44

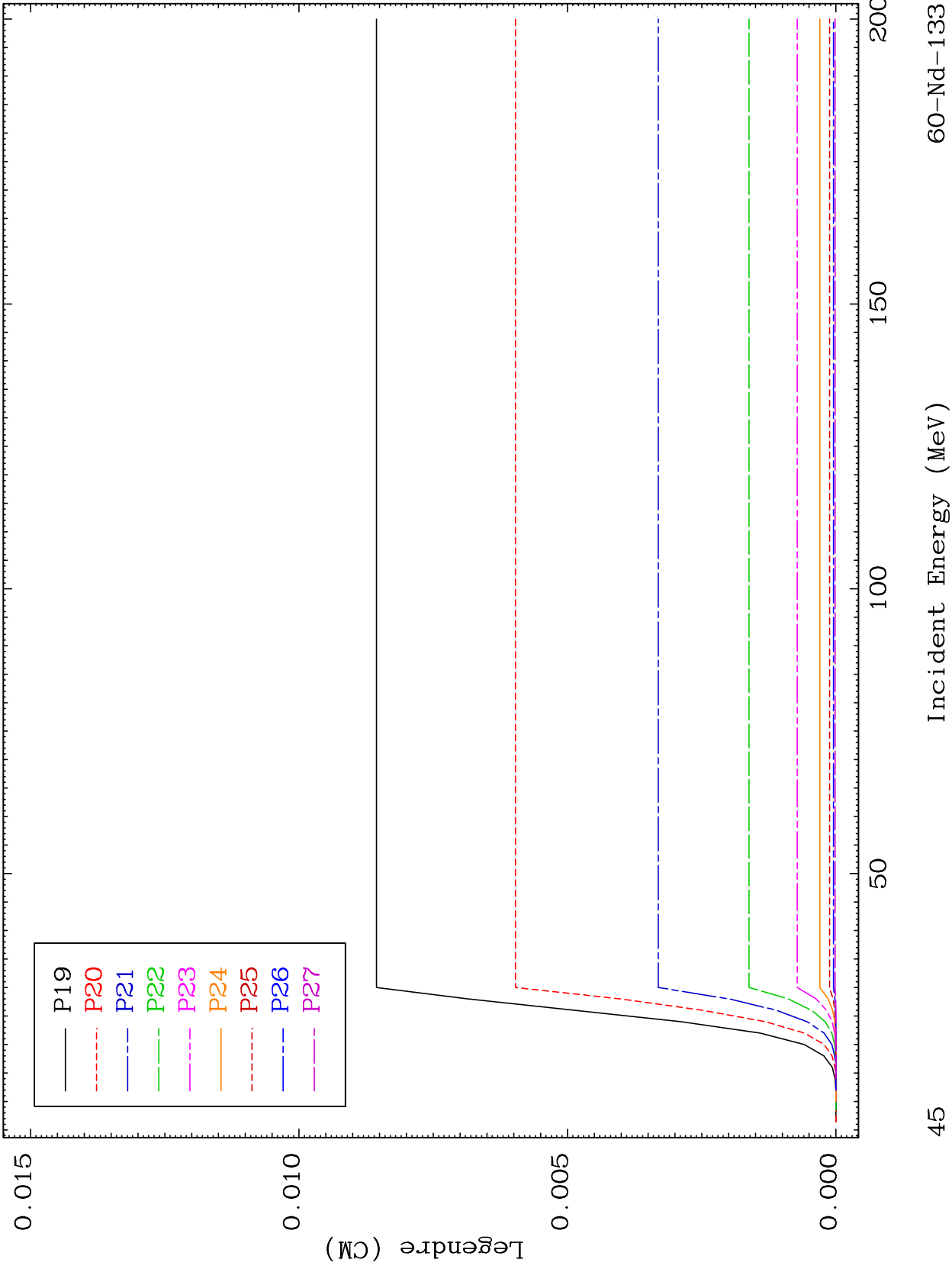
Incident Energy (MeV)

60-Nd-133

MAT 5998

345.2 keV (n,n') Level
Legendre Coefficients

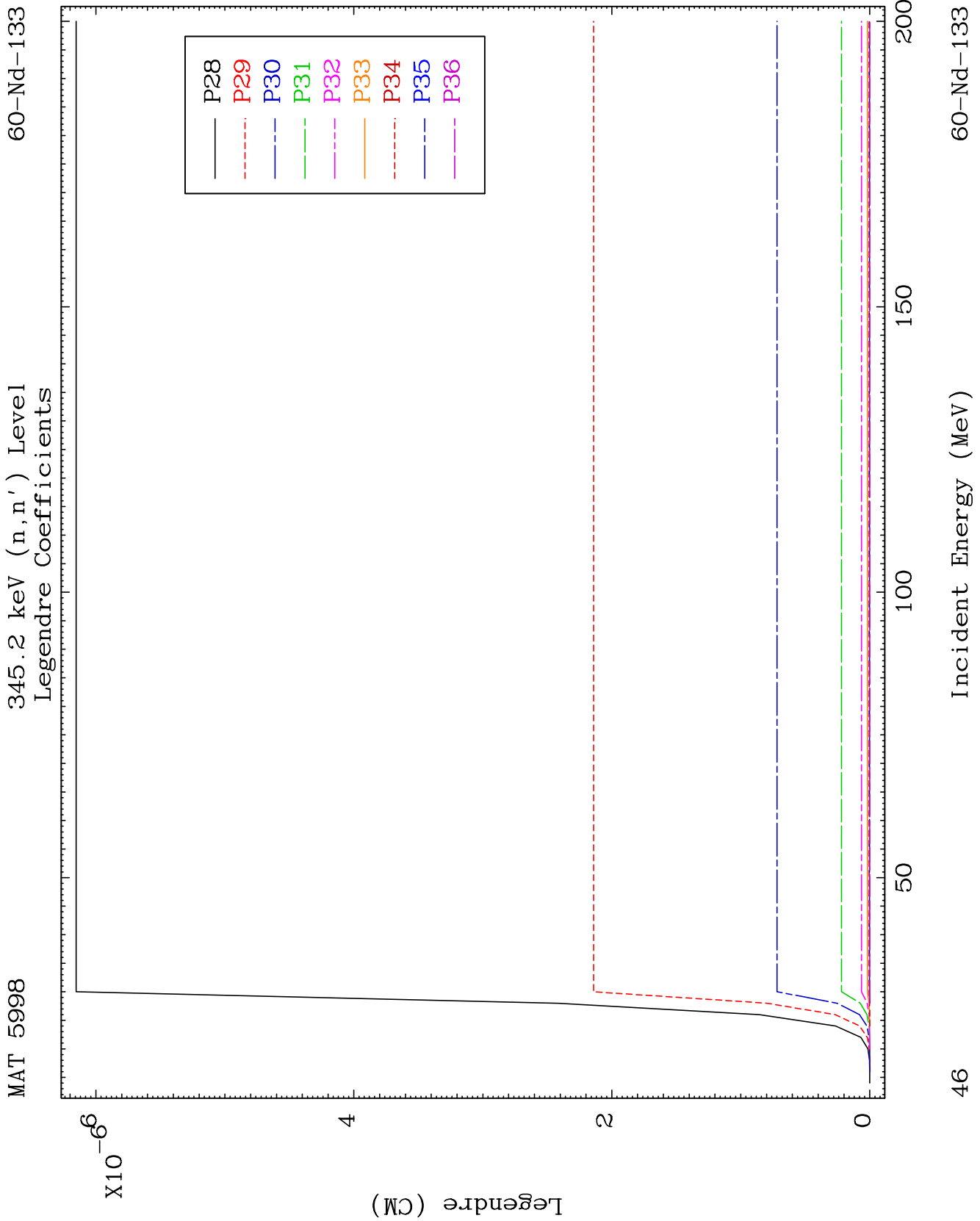
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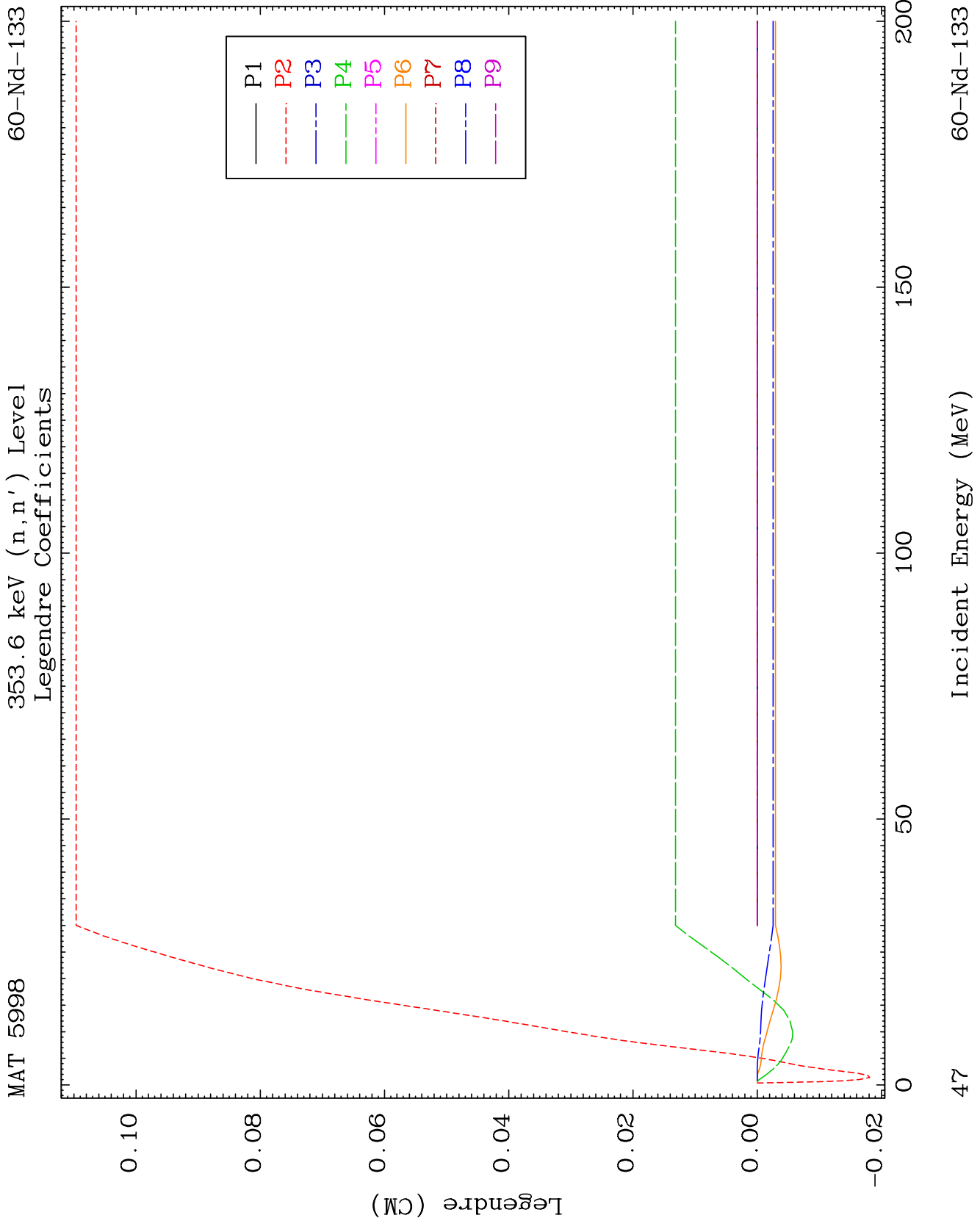


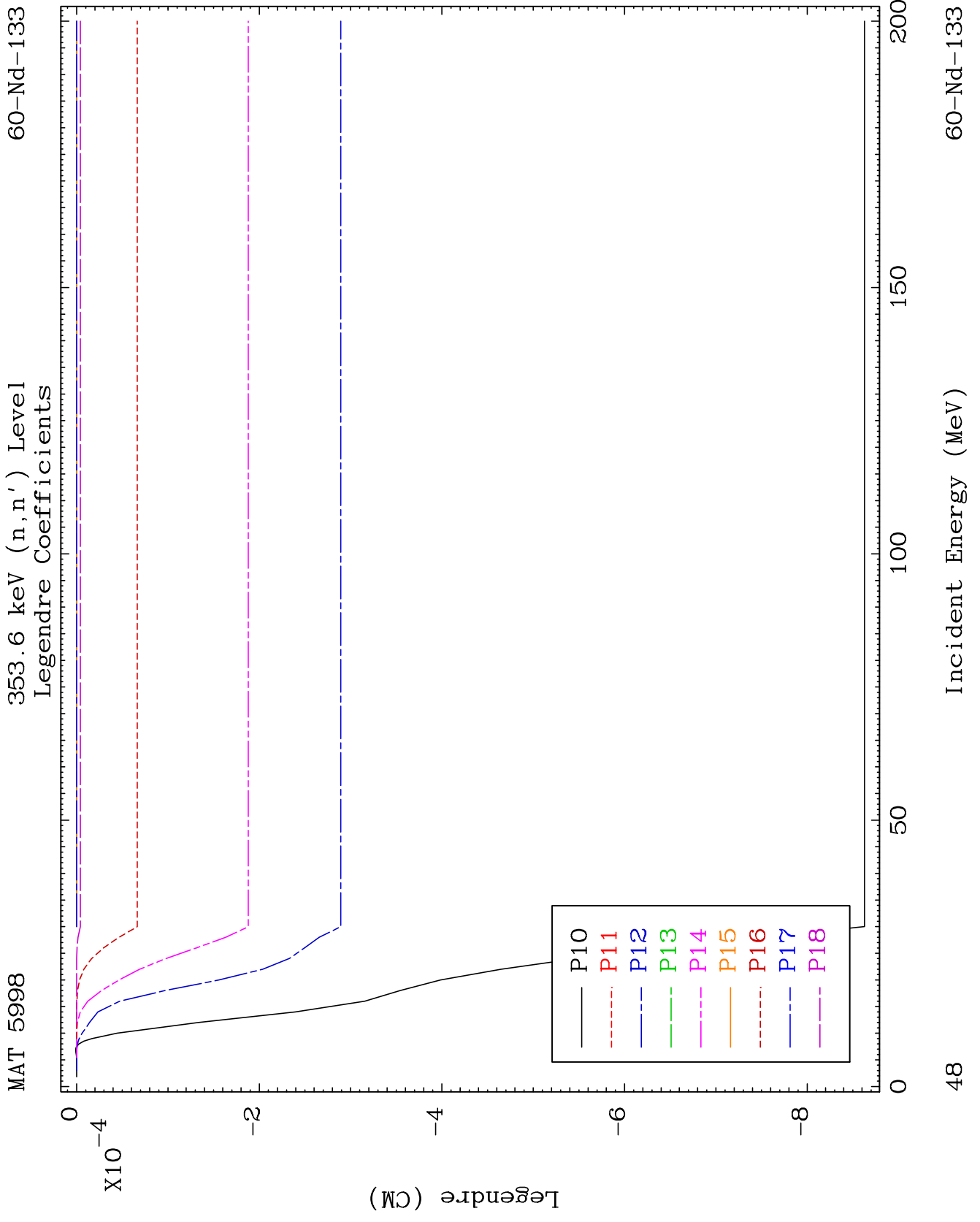
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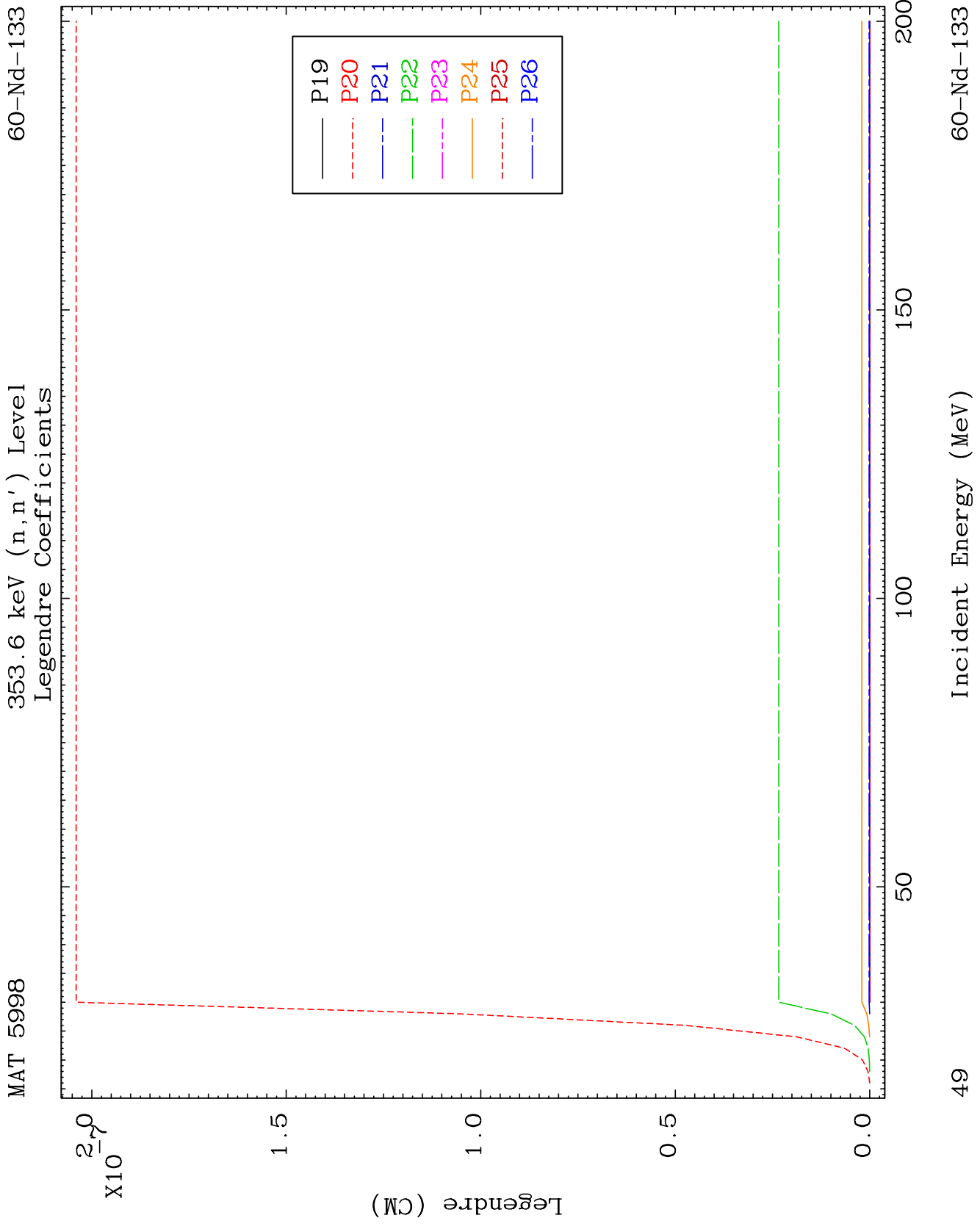
Incident Energy (MeV)

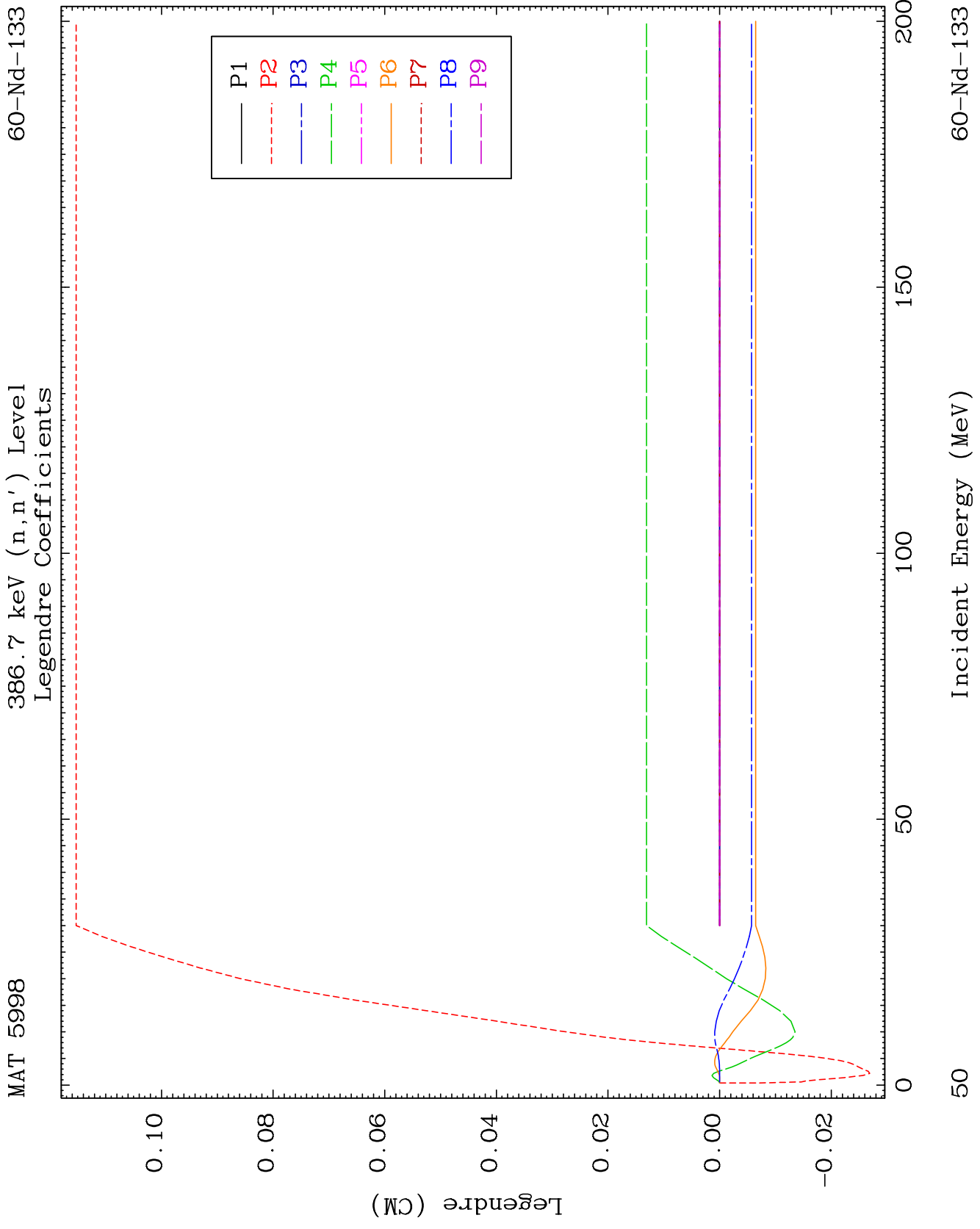
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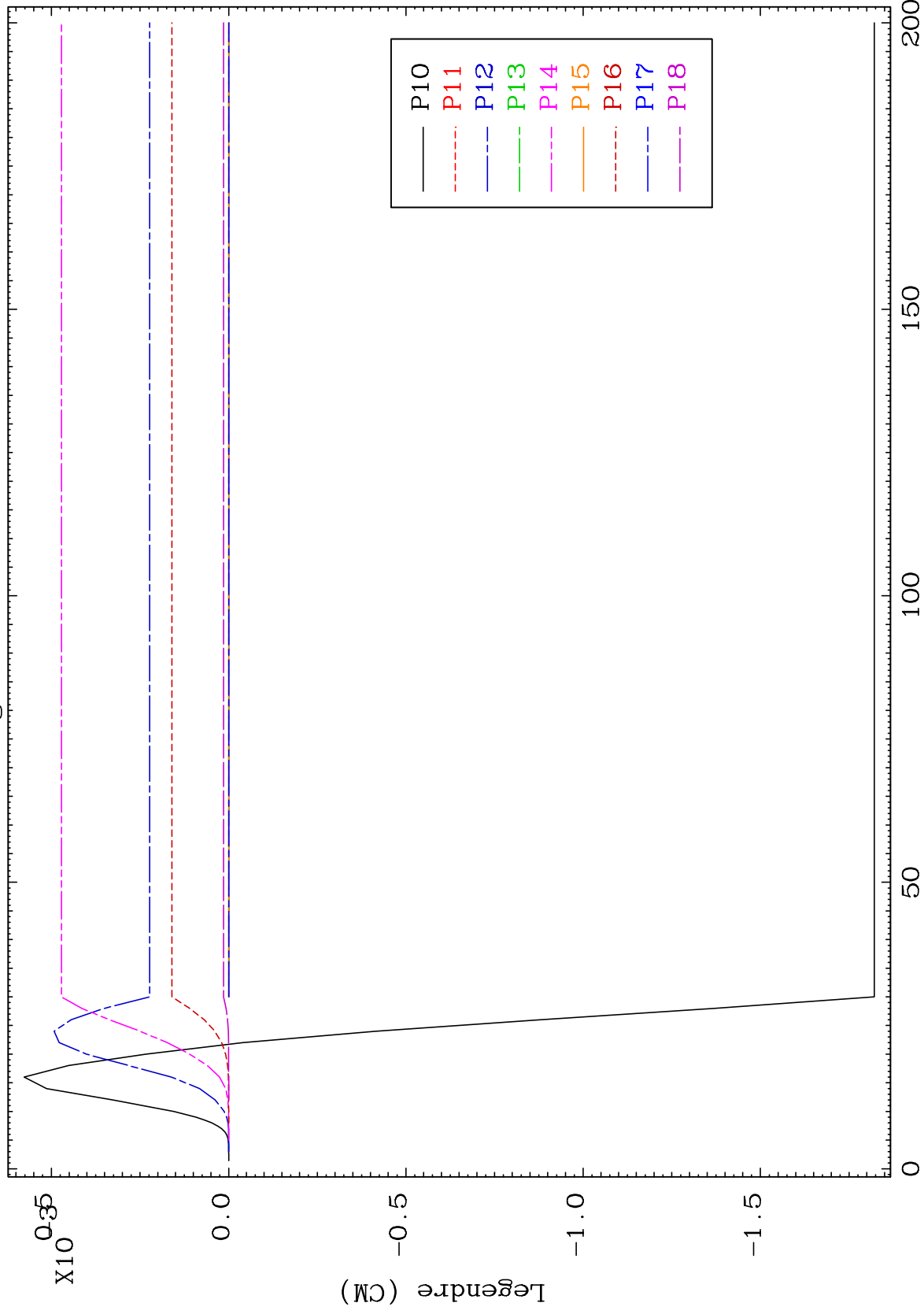




MAT 5998

386.7 keV (n,n') Level
Legendre Coefficients

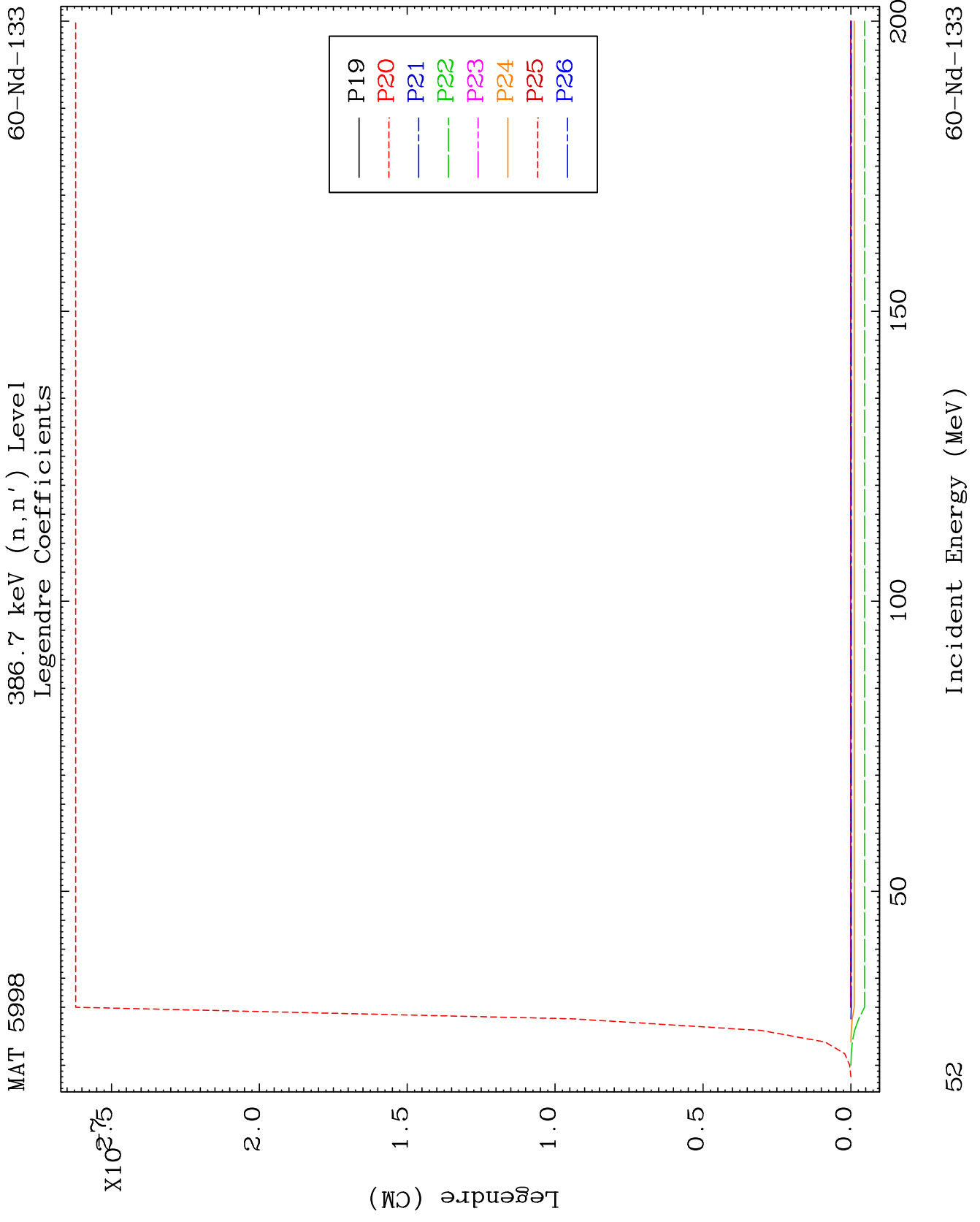
60-Nd-133

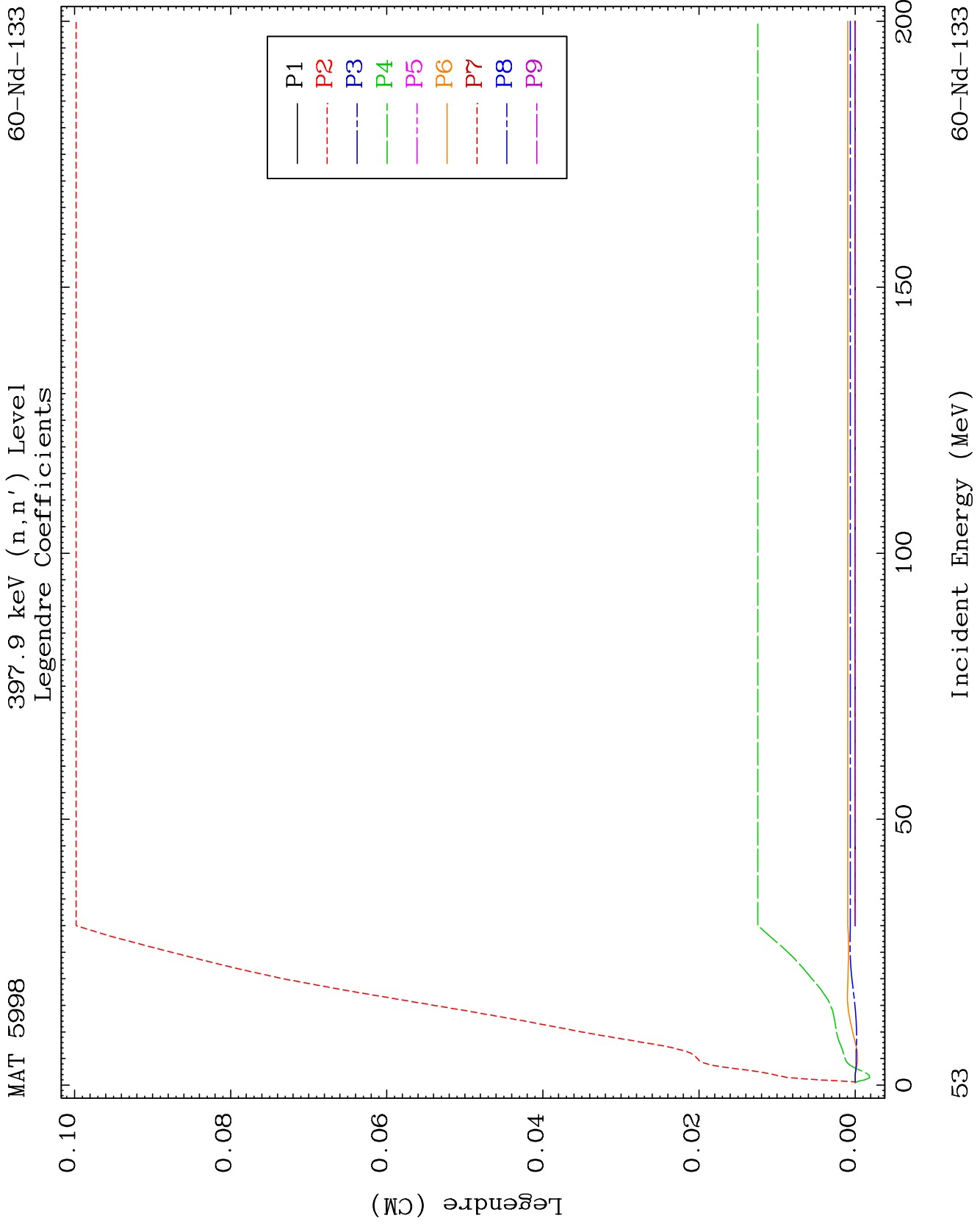


51

Incident Energy (MeV)

60-Nd-133

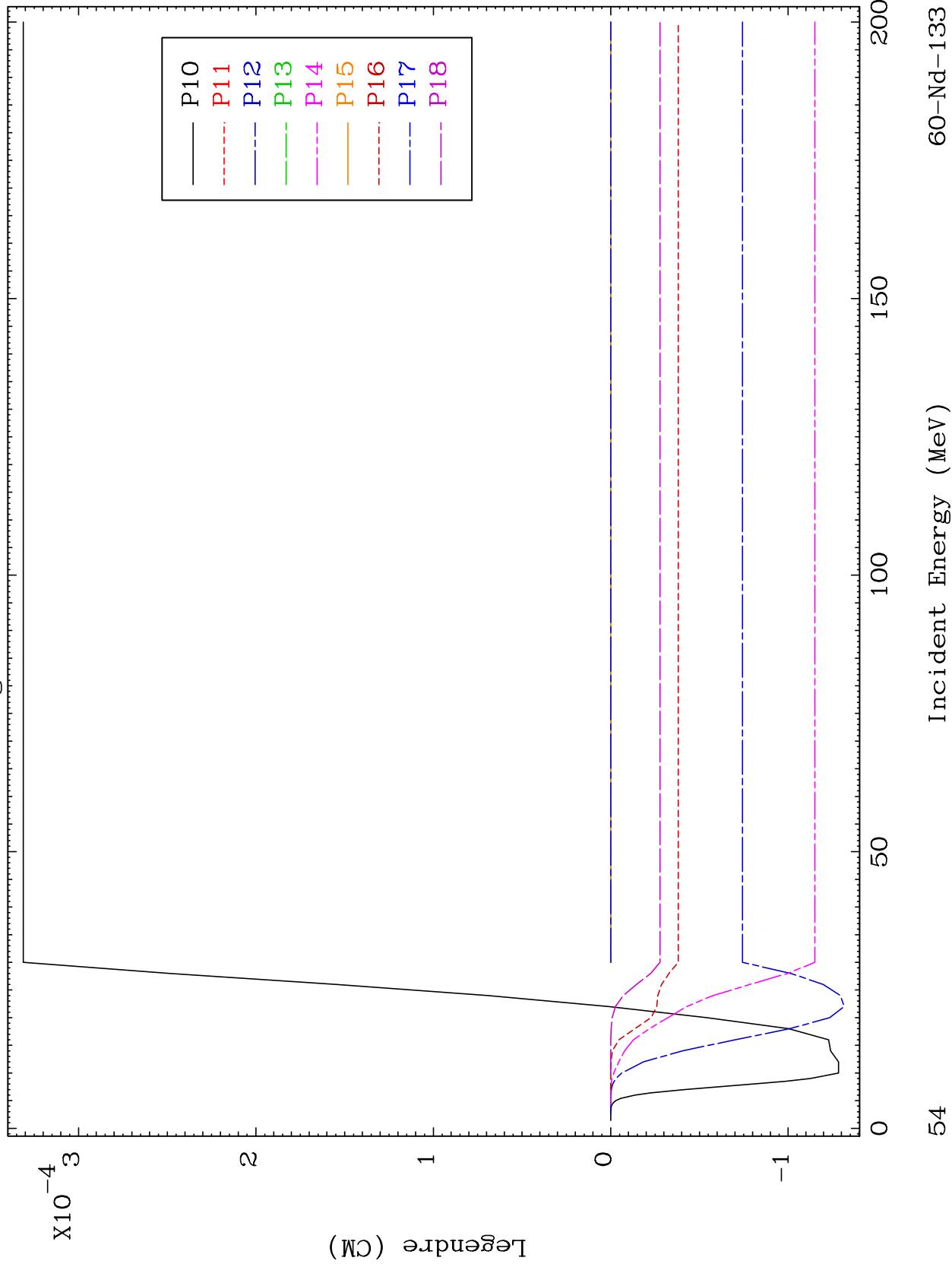




MAT 5998

397.9 keV (n,n') Level
Legendre Coefficients

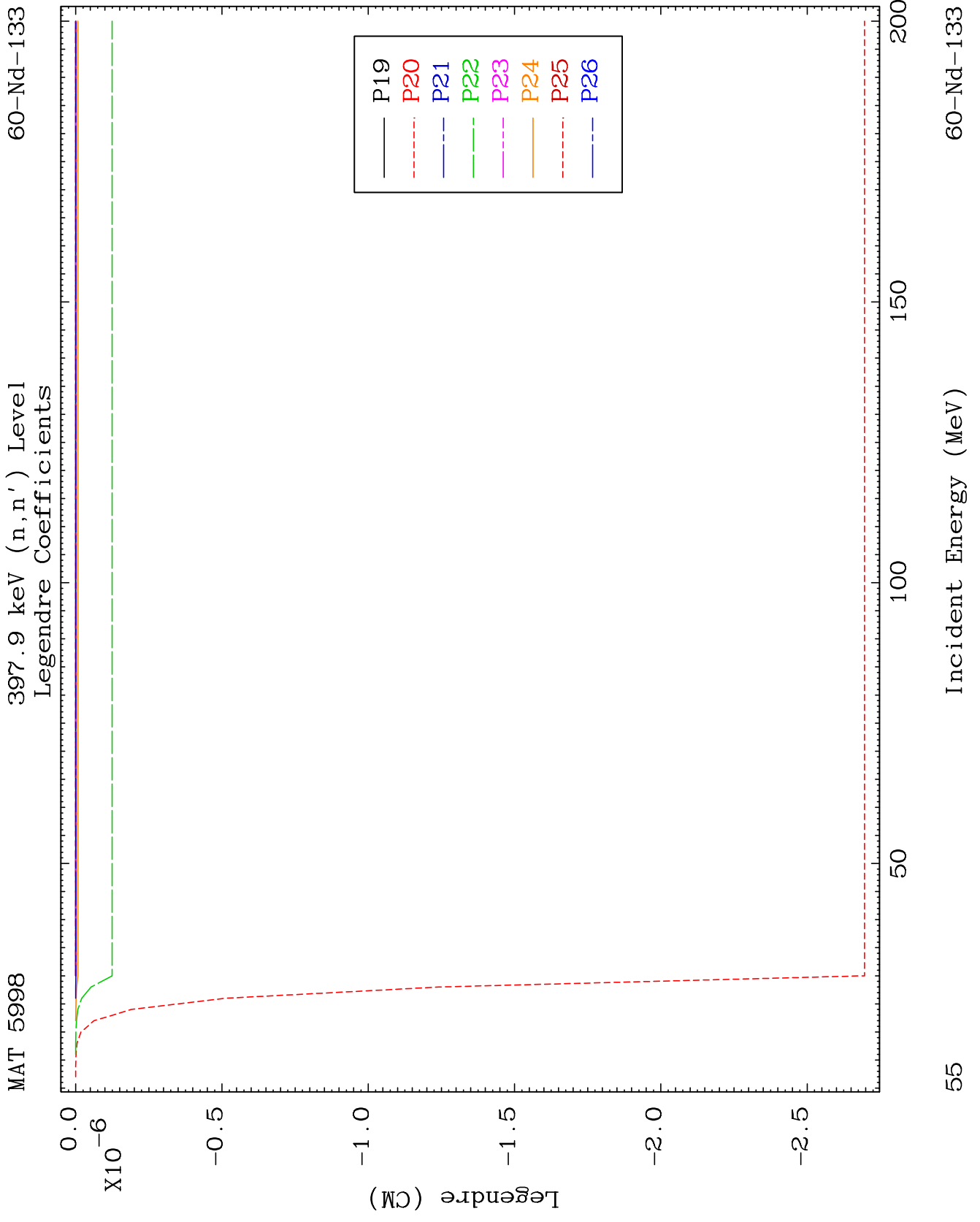
60-Nd-133

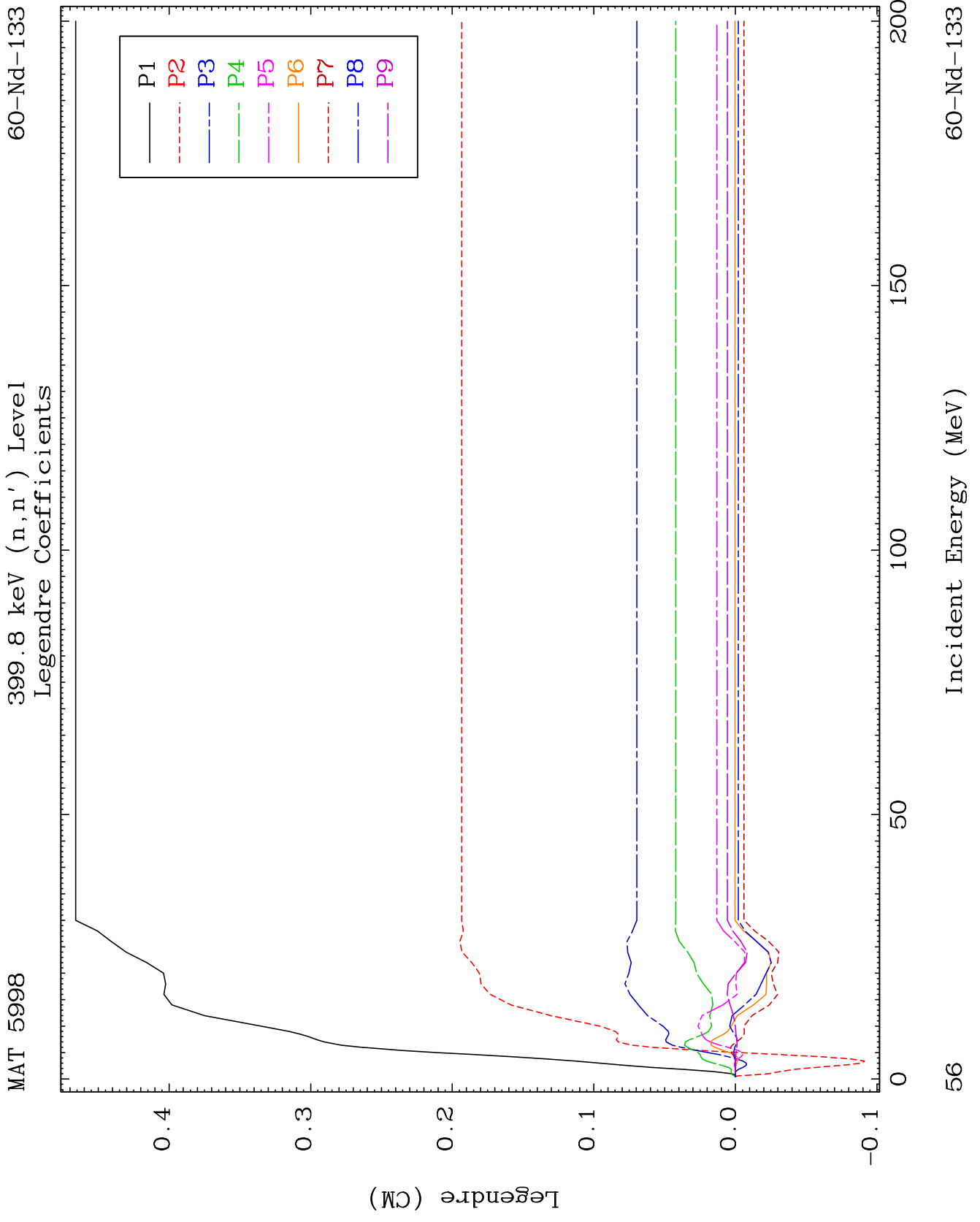


54

Incident Energy (MeV)

60-Nd-133

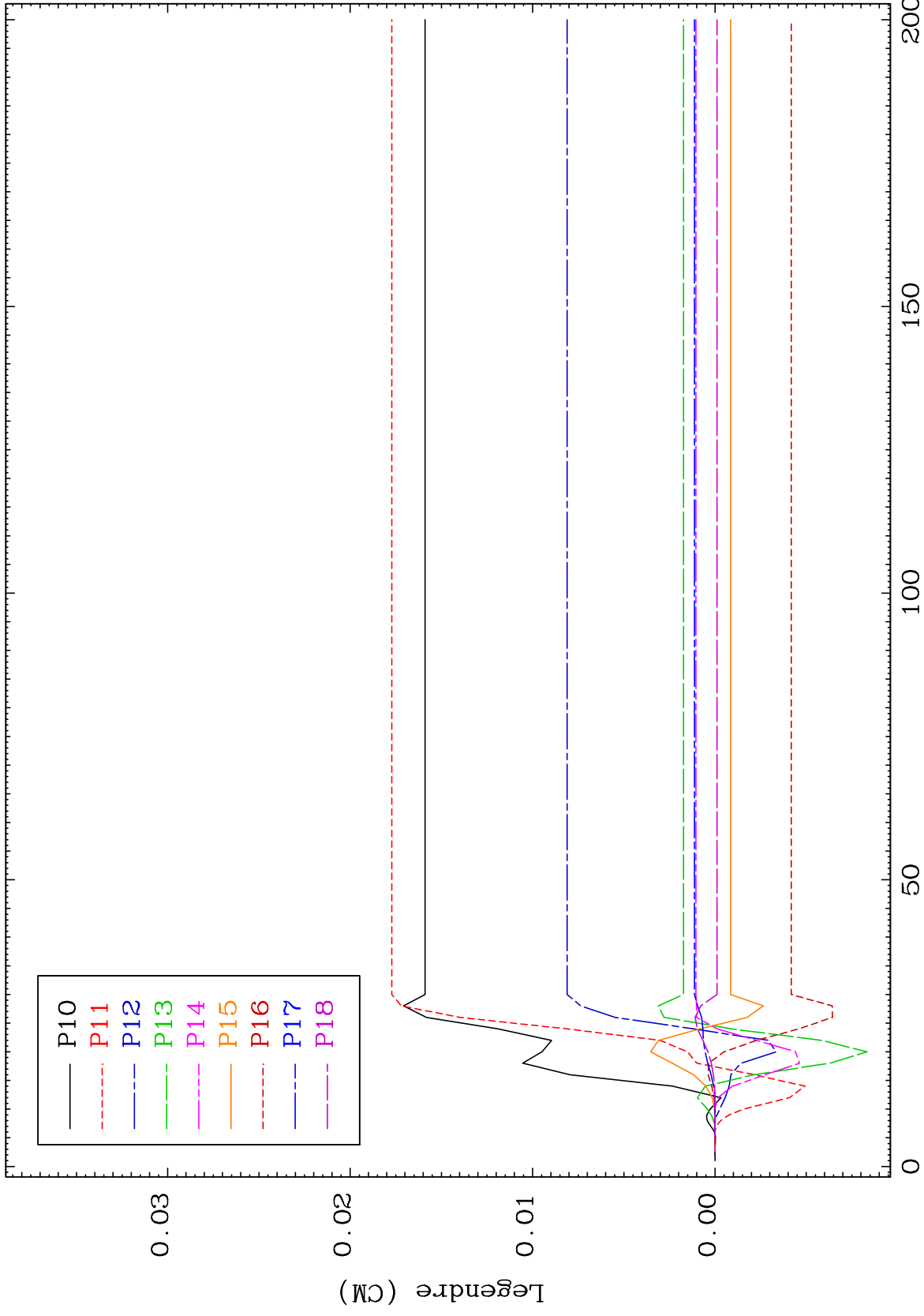




MAT 5998

399.8 keV (n, n') Level
Legendre Coefficients

60-Nd-133



57

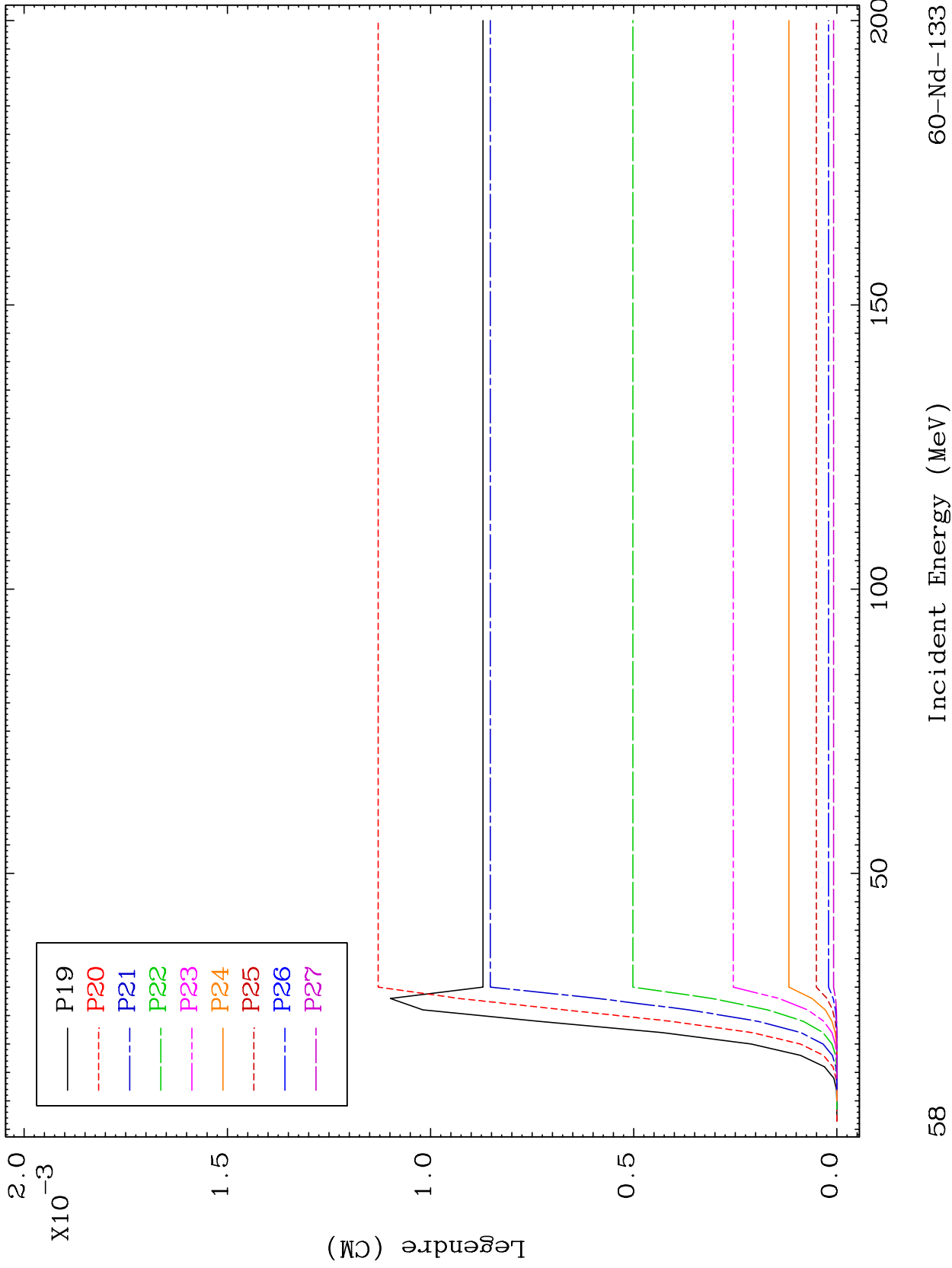
Incident Energy (MeV)

60-Nd-133

MAT 5998

399.8 keV (n,n') Level
Legendre Coefficients

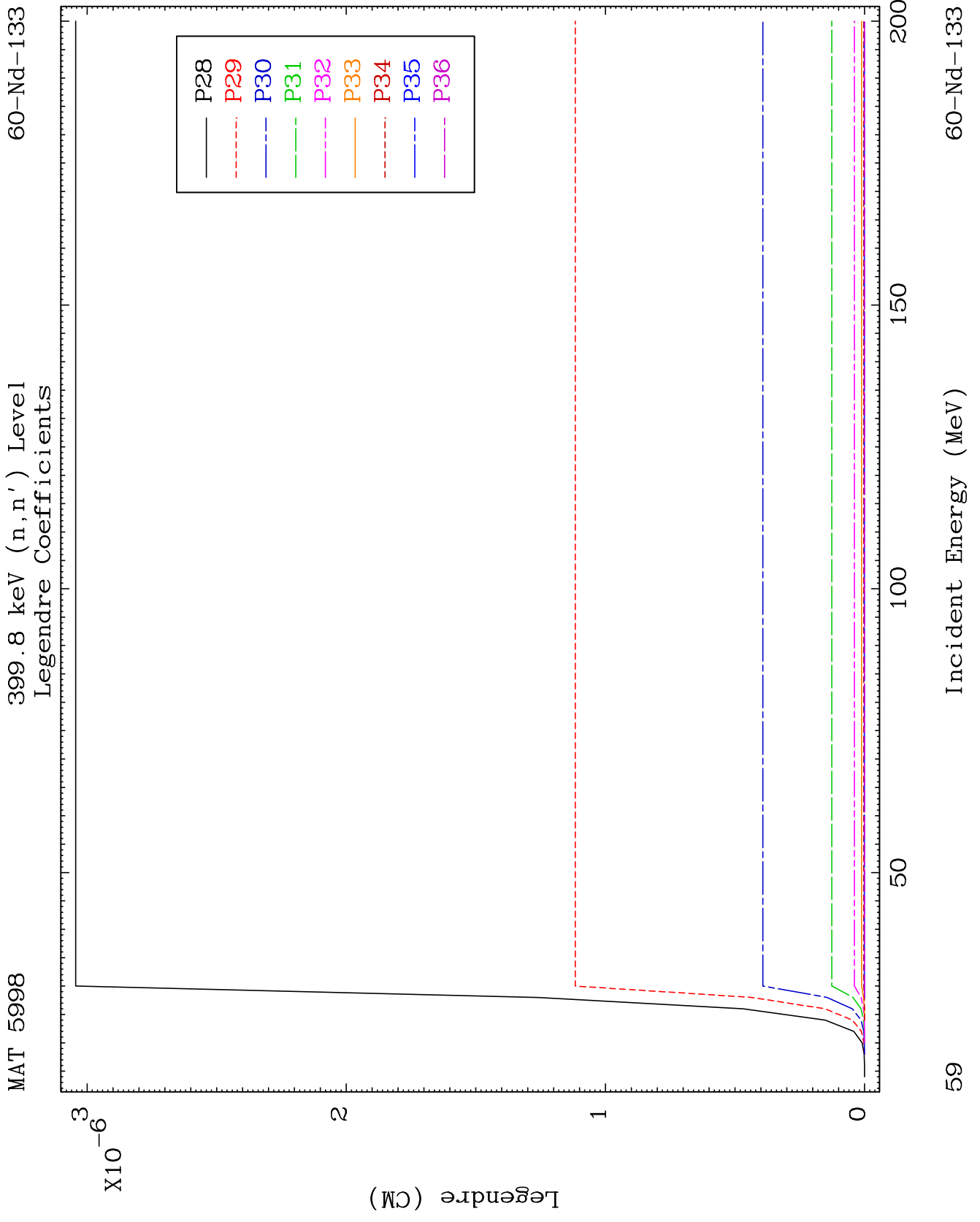
60-Nd-133



58

Incident Energy (MeV)

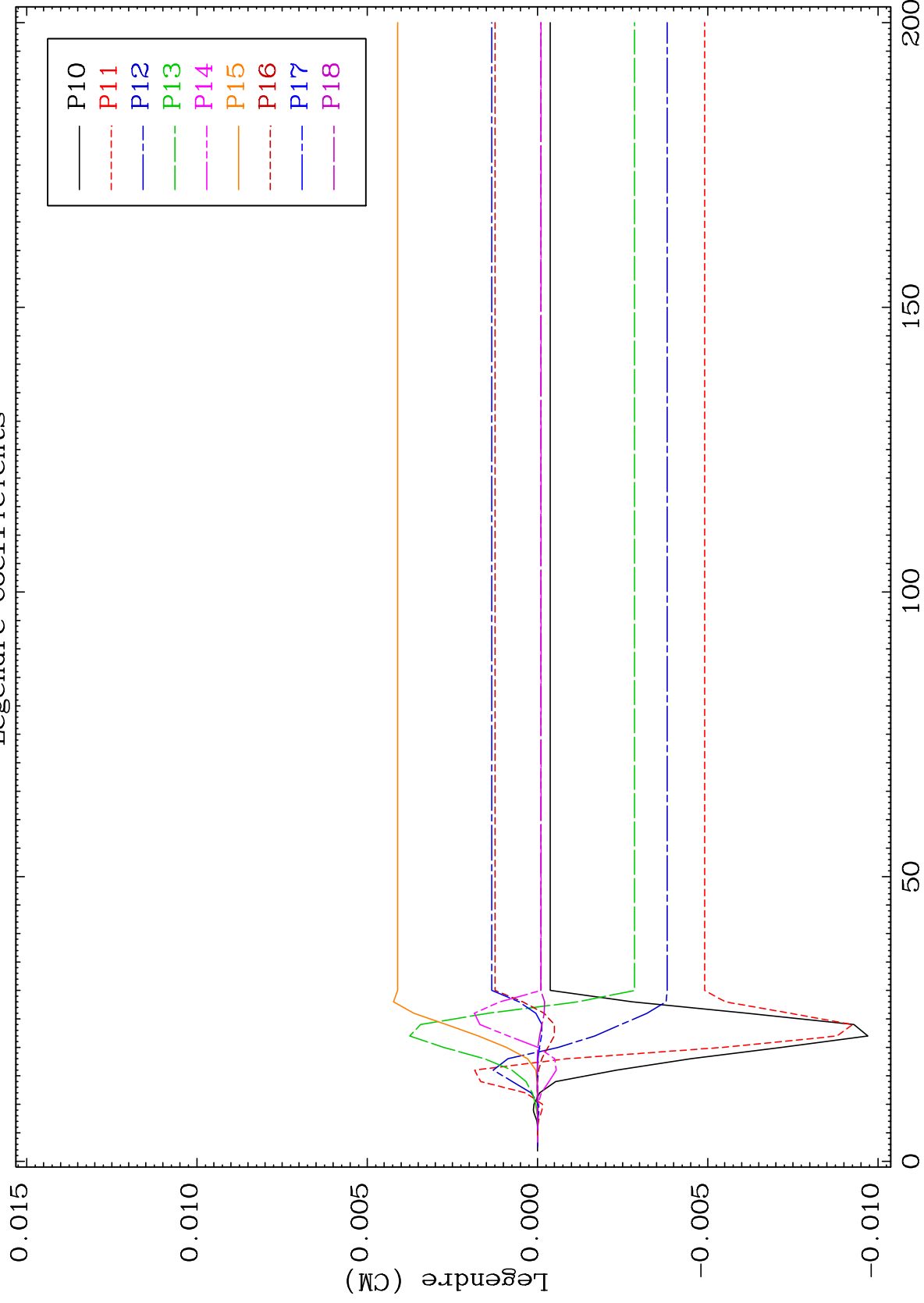
60-Nd-133



MAT 5998

442.5 keV (n,n') Level
Legendre Coefficients

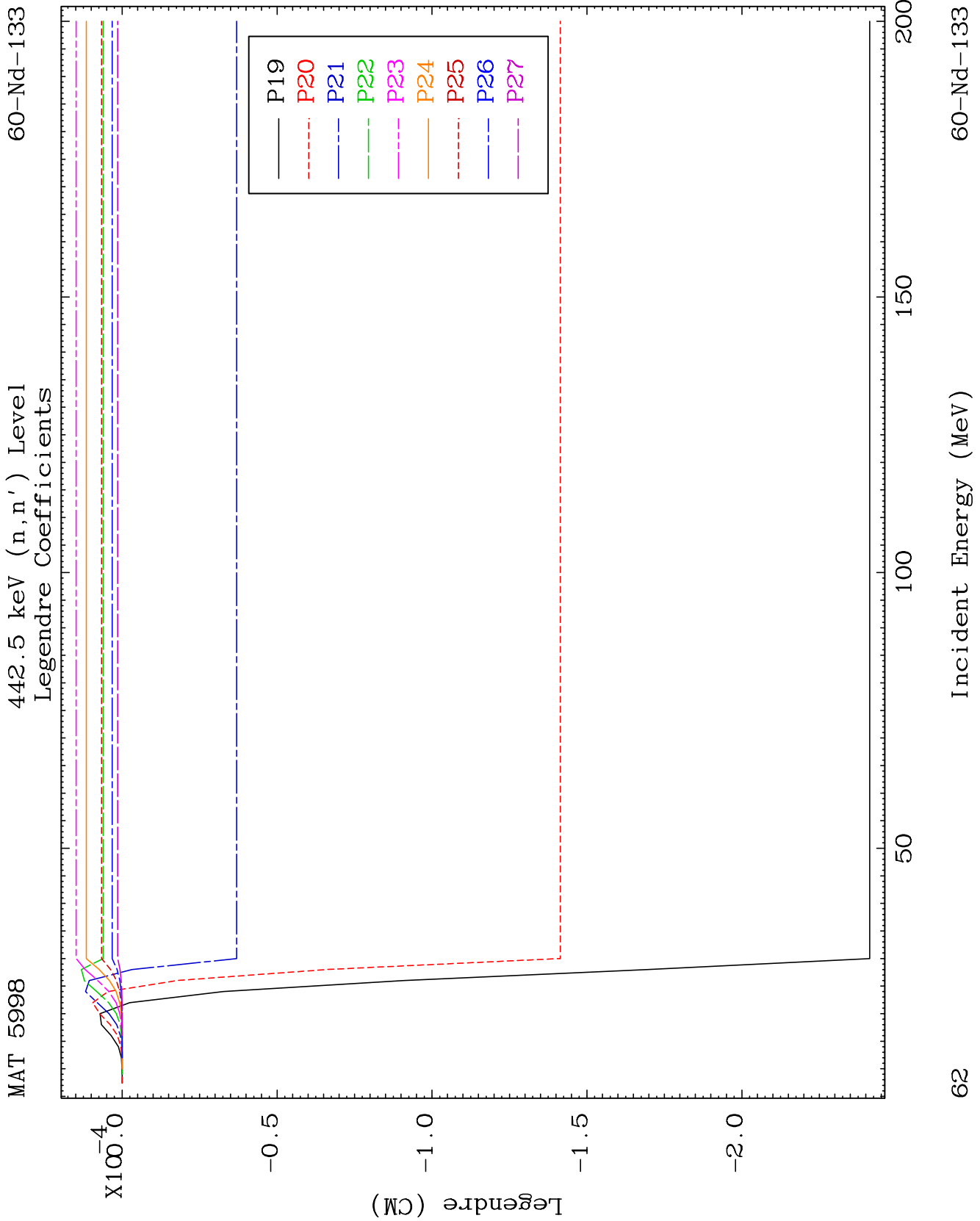
60-Nd-133



61

Incident Energy (MeV)

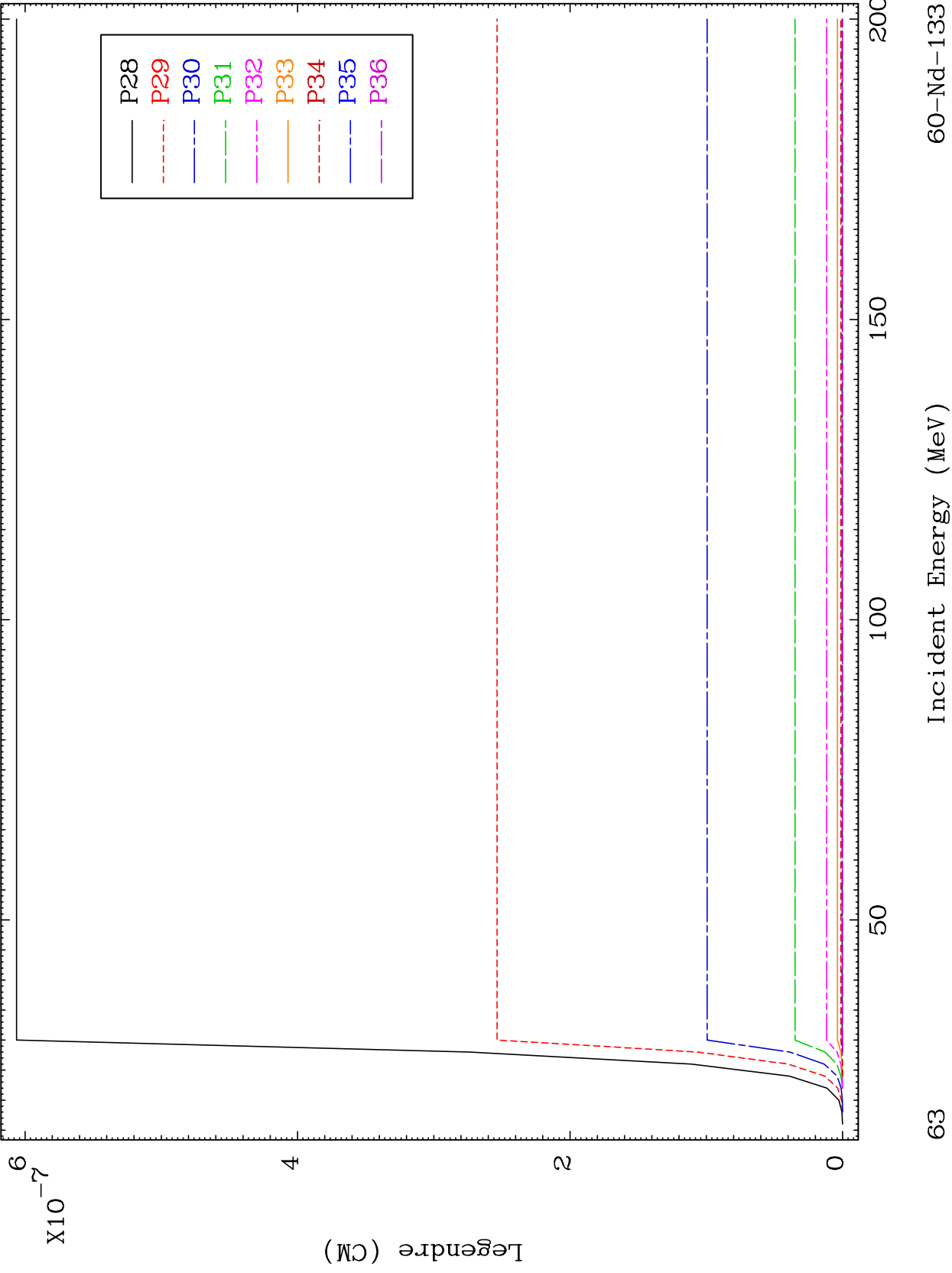
60-Nd-133



MAT 5998

442.5 keV (n,n') Level
Legendre Coefficients

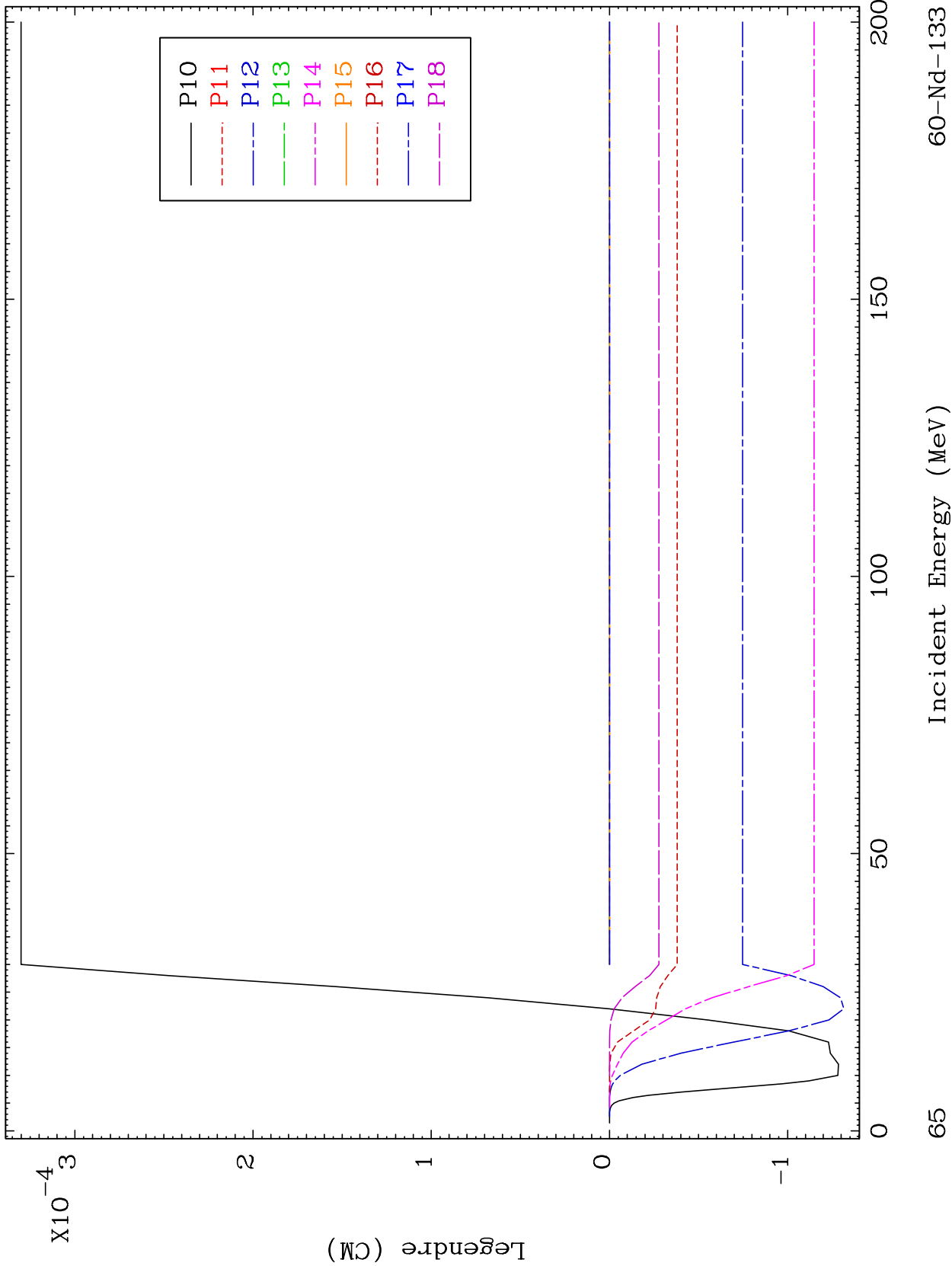
60-Nd-133



MAT 5998

444.7 keV (n,n') Level
Legendre Coefficients

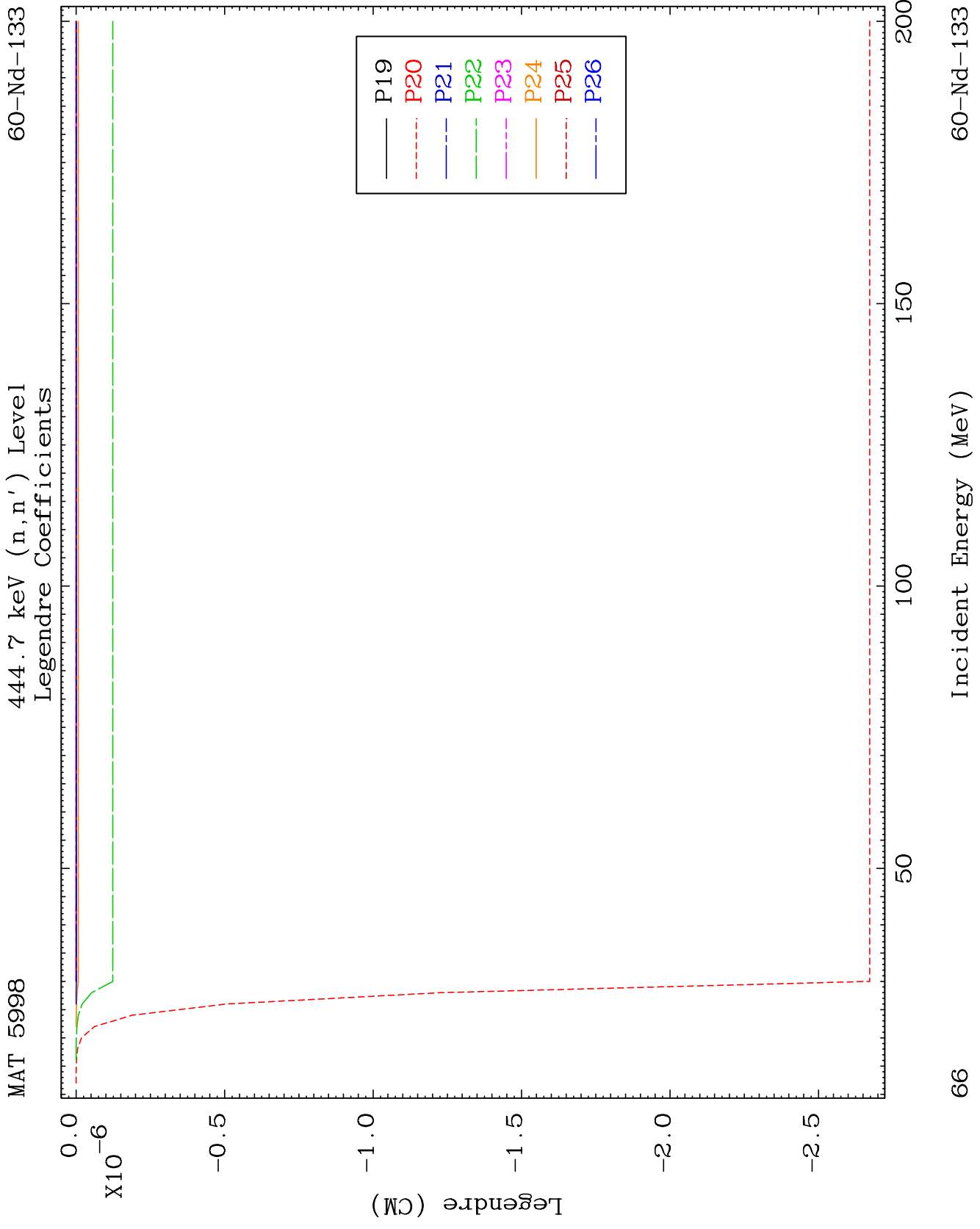
60-Nd-133



65

Incident Energy (MeV)

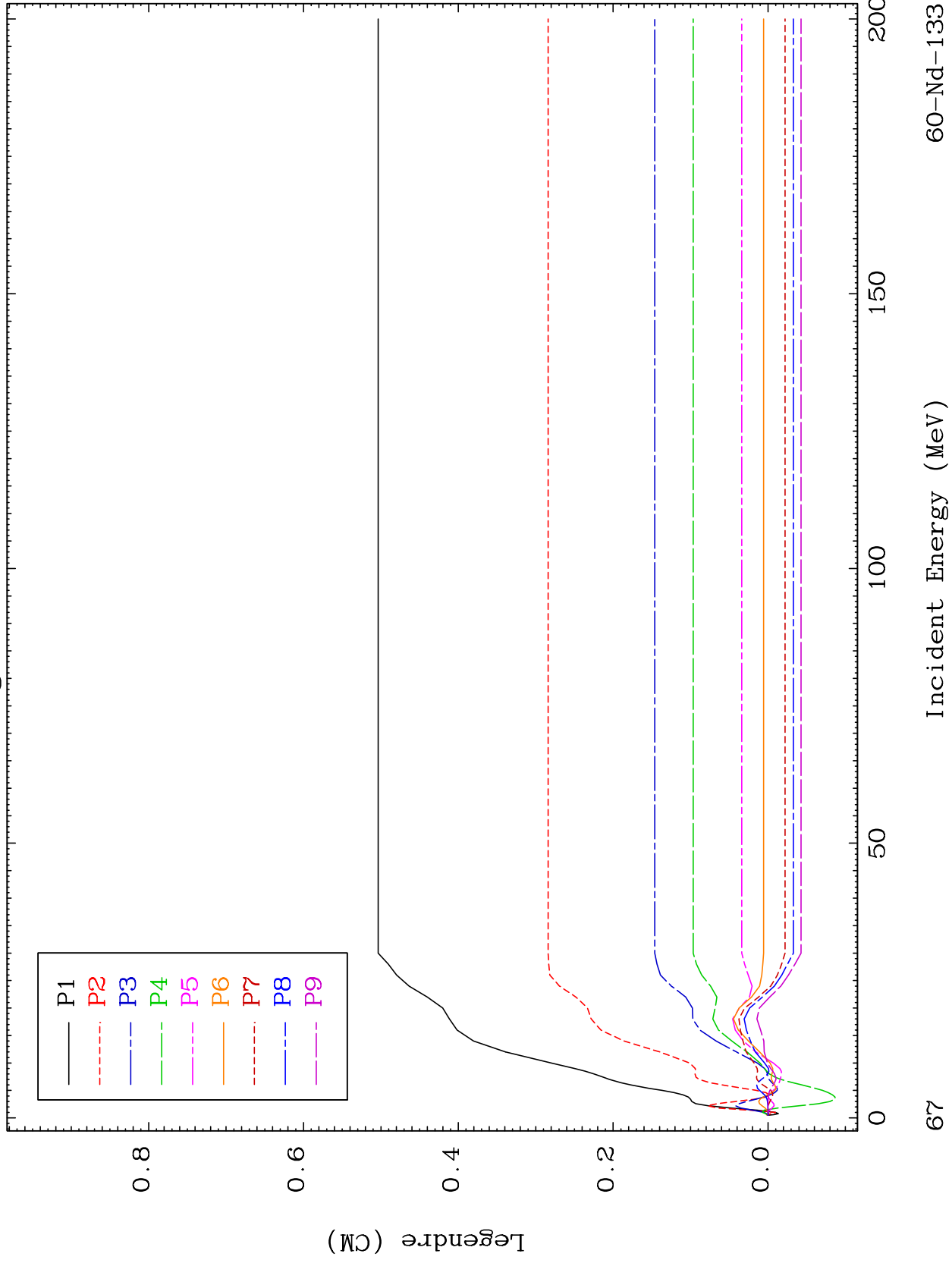
60-Nd-133



MAT 5998

472.1 keV (n,n') Level
Legendre Coefficients

60-Nd-133



60-Nd-133

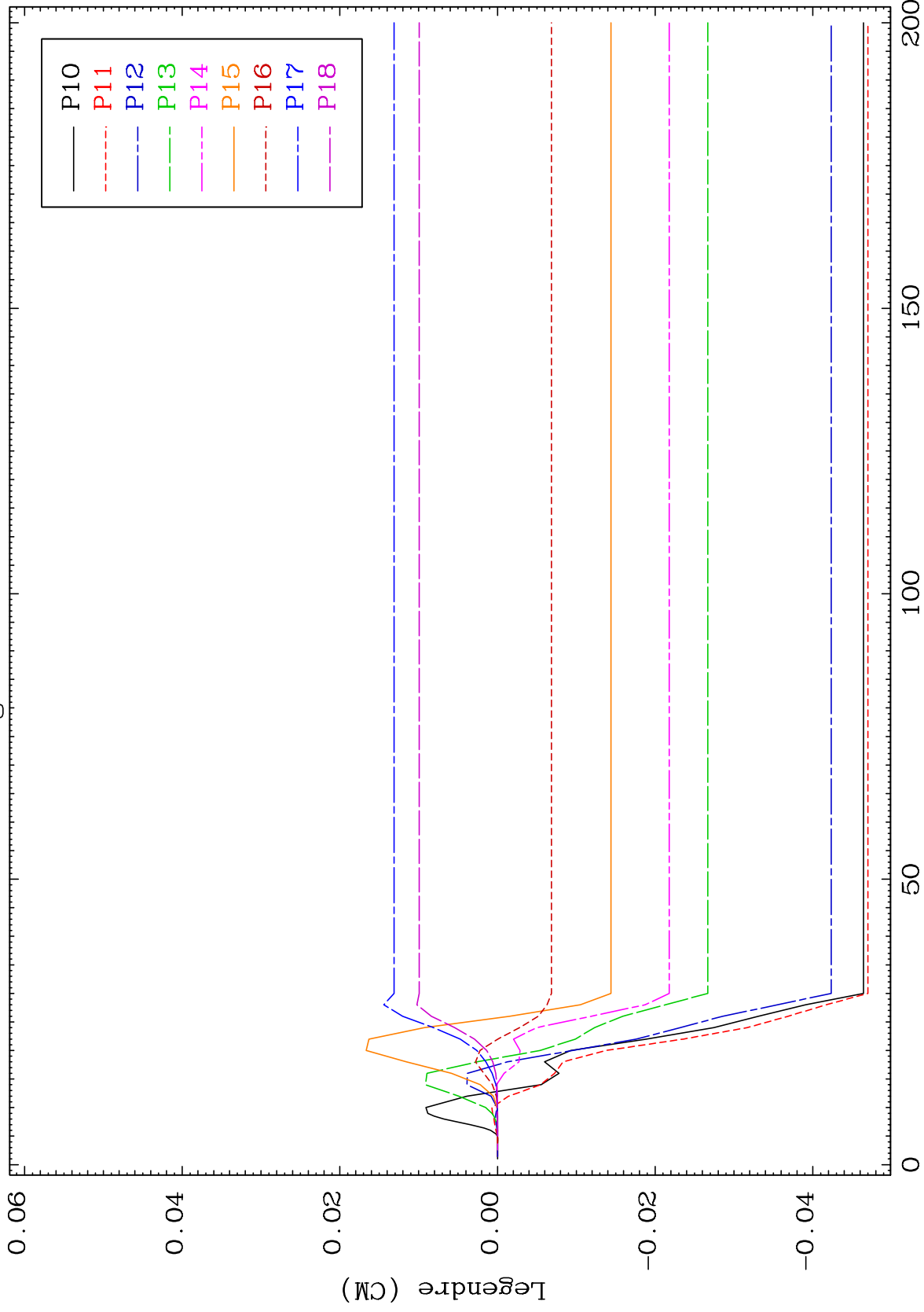
Incident Energy (MeV)

67

MAT 5998

472.1 keV (n,n') Level
Legendre Coefficients

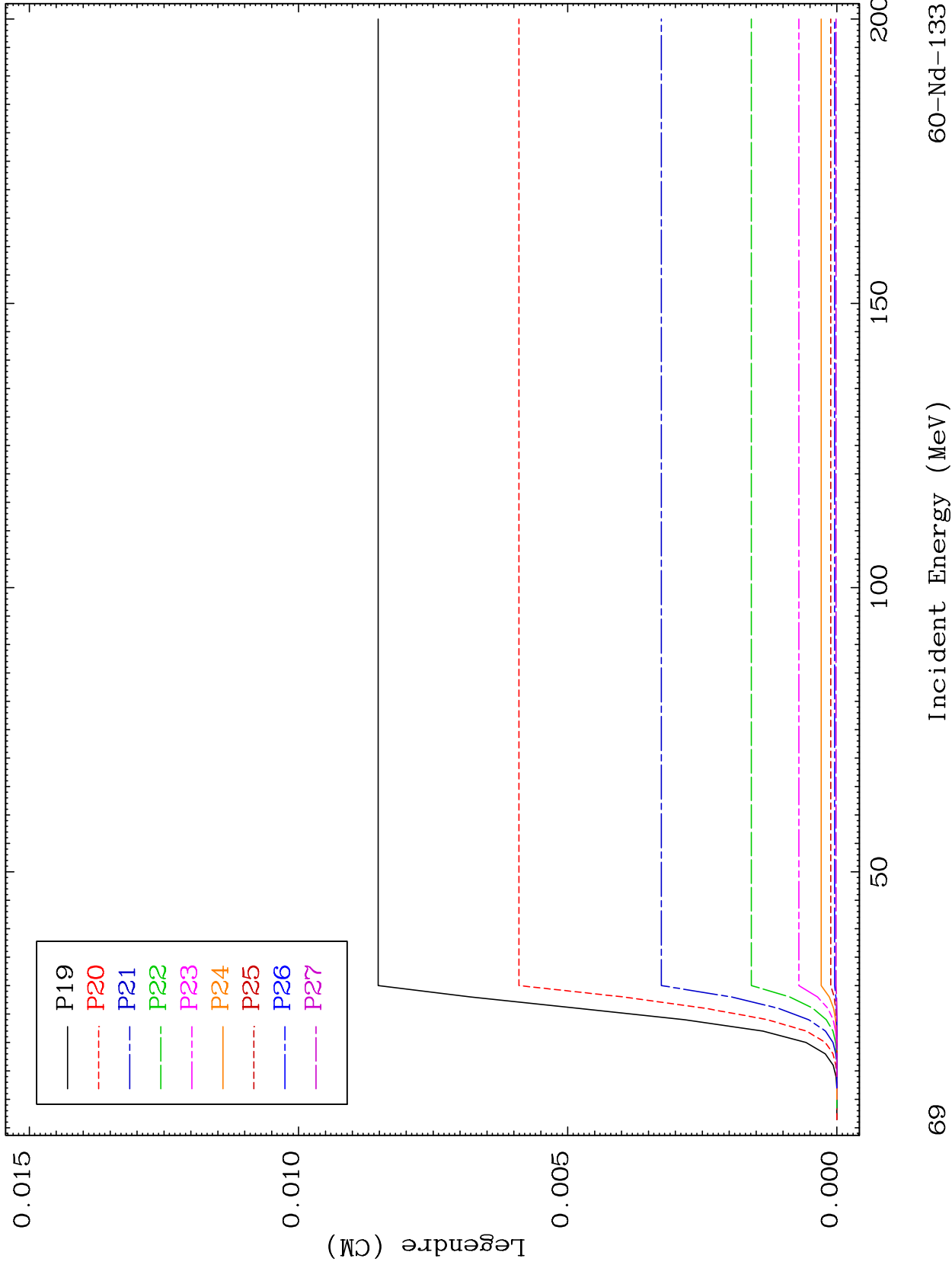
60-Nd-133



68

Incident Energy (MeV)

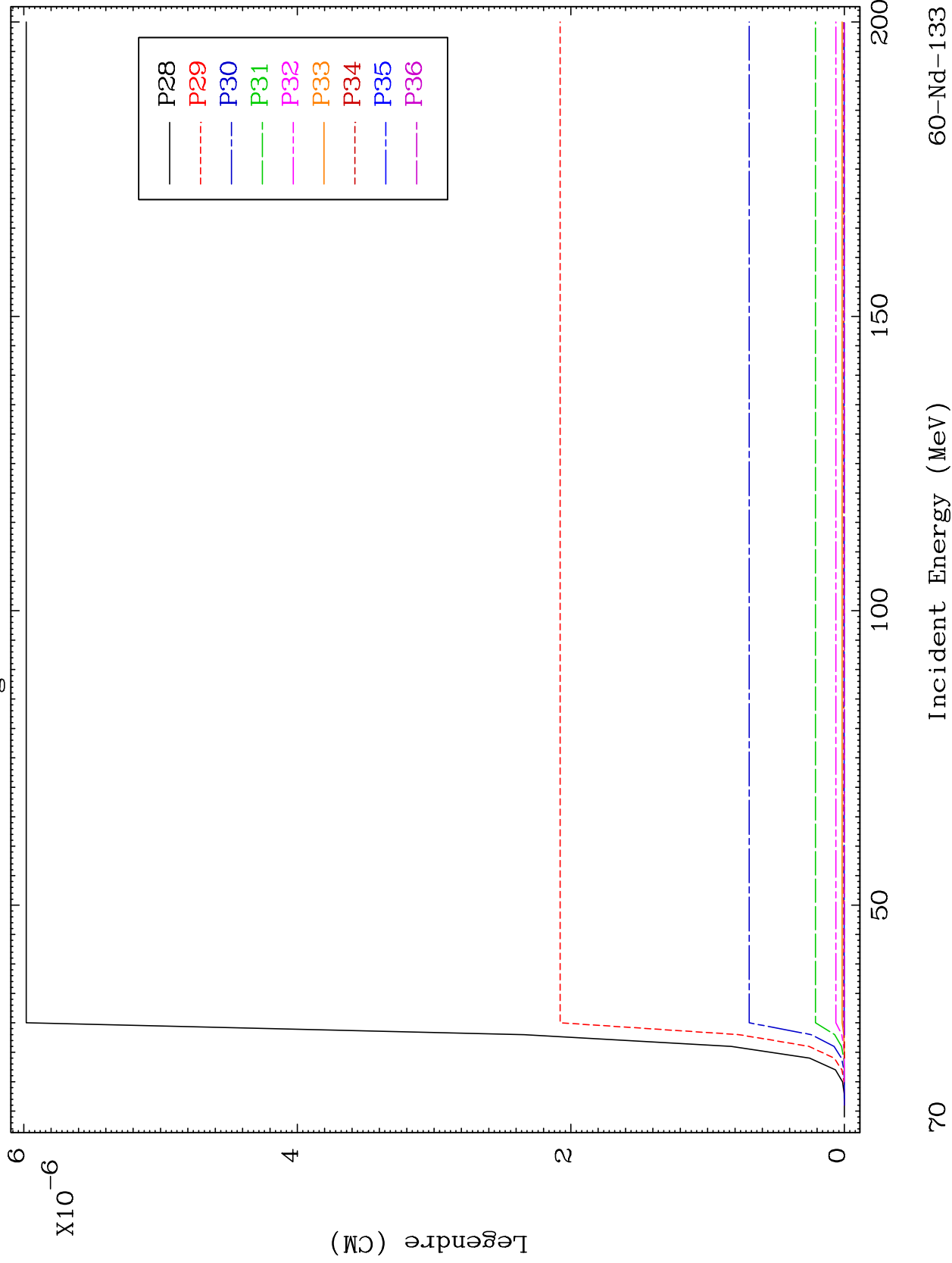
60-Nd-133



MAT 5998

472.1 keV (n,n') Level
Legendre Coefficients

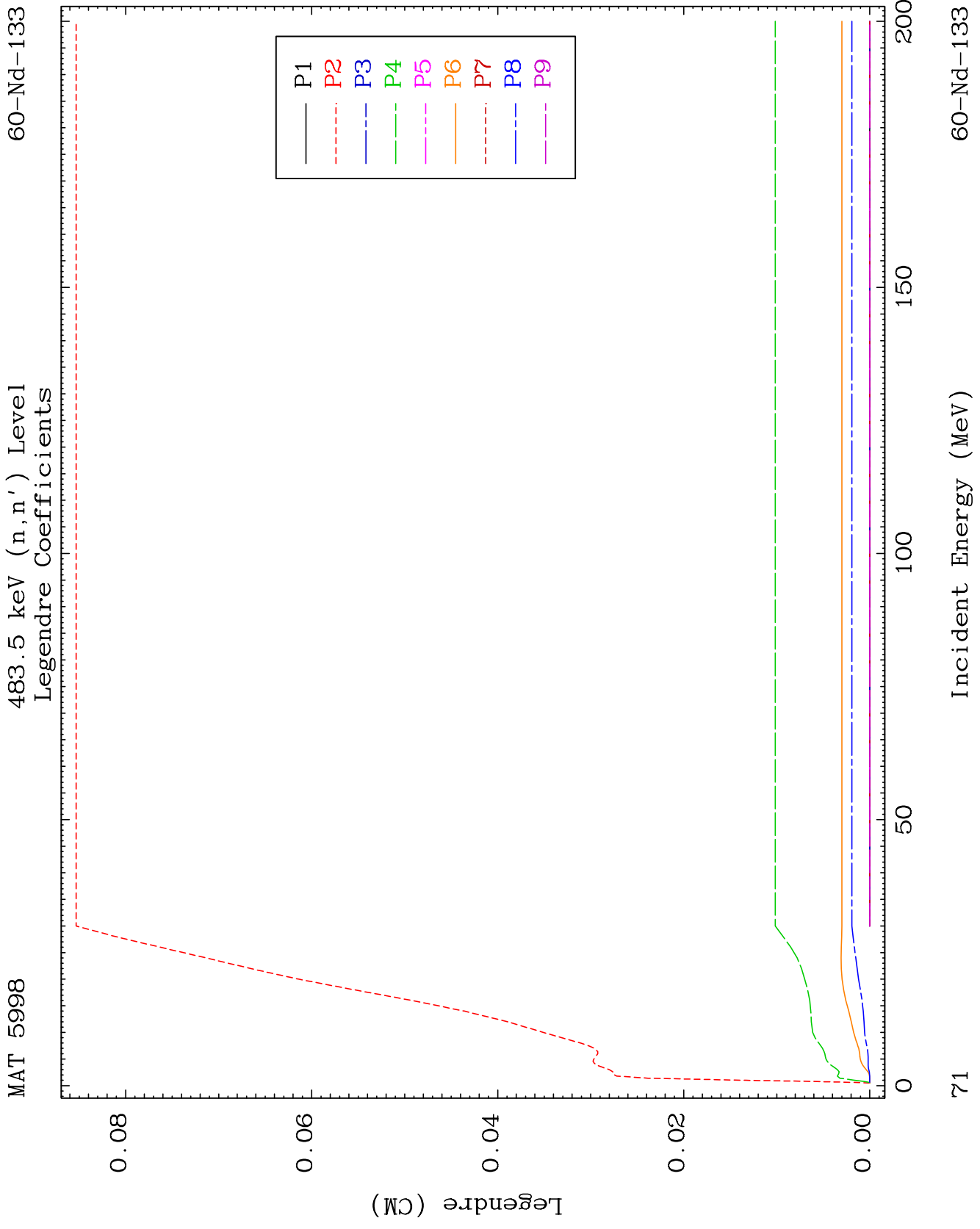
60-Nd-133



70

Incident Energy (MeV)

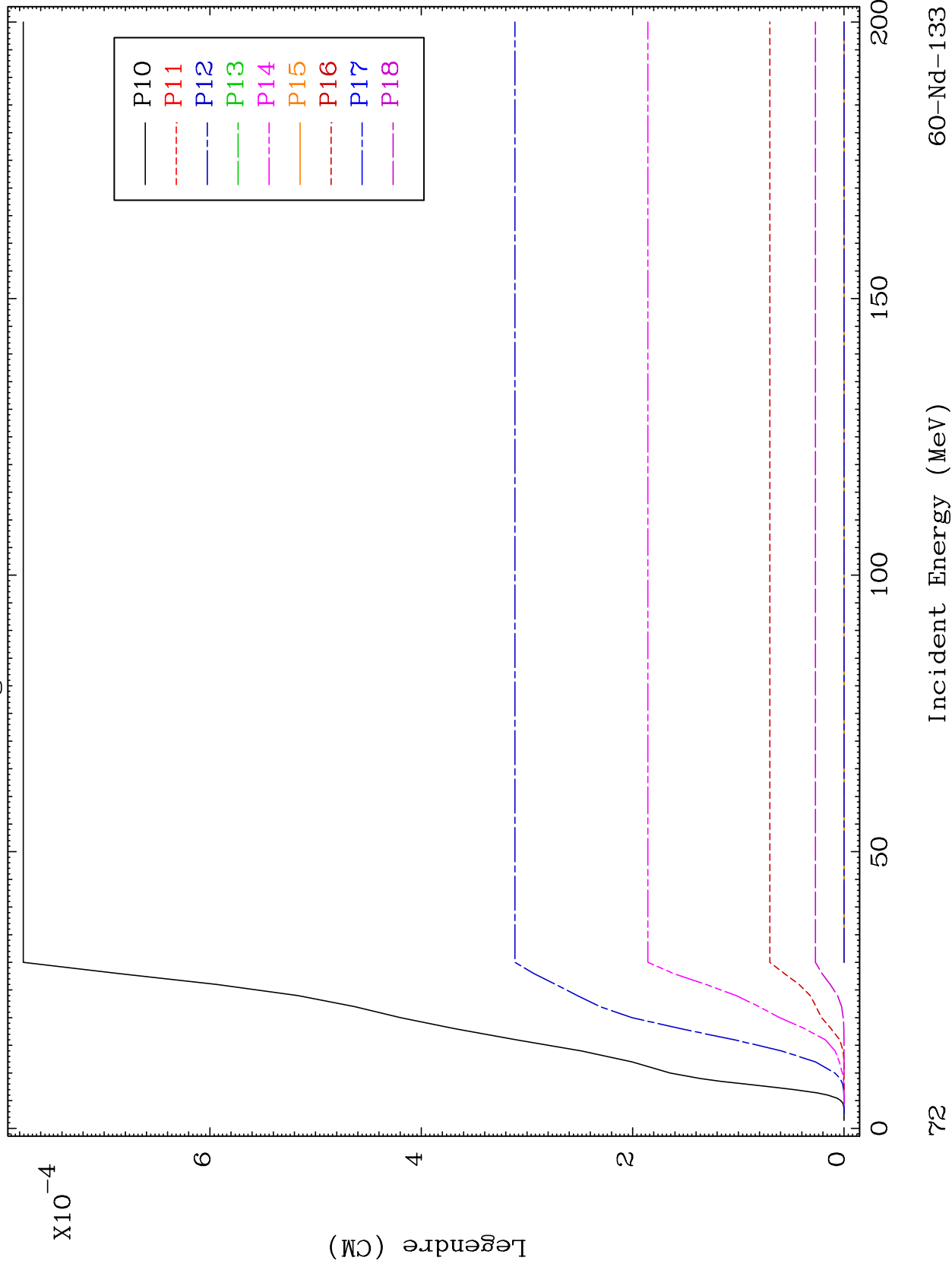
60-Nd-133



MAT 5998

483.5 keV (n,n') Level
Legendre Coefficients

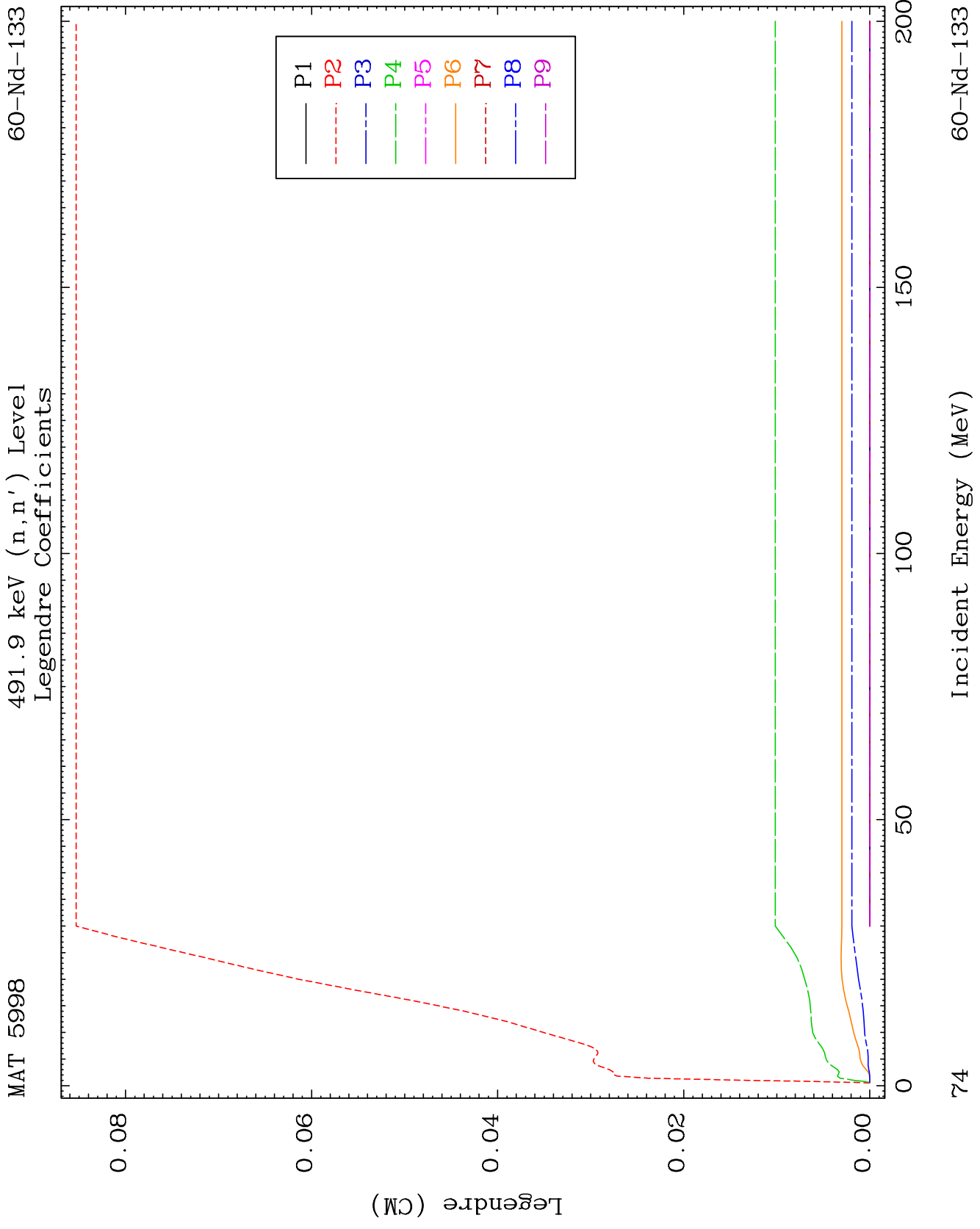
60-Nd-133



60-Nd-133

Incident Energy (MeV)

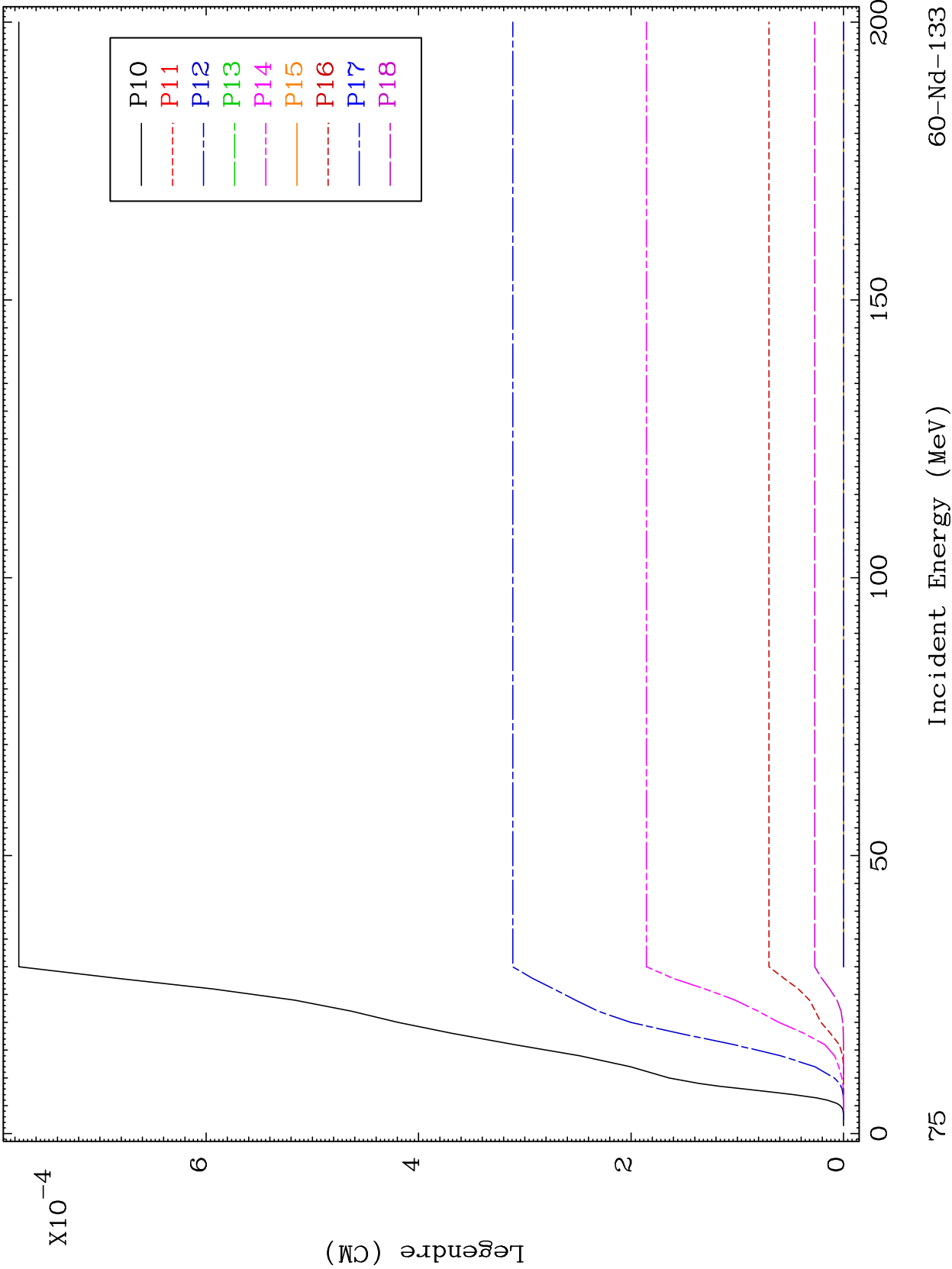
72

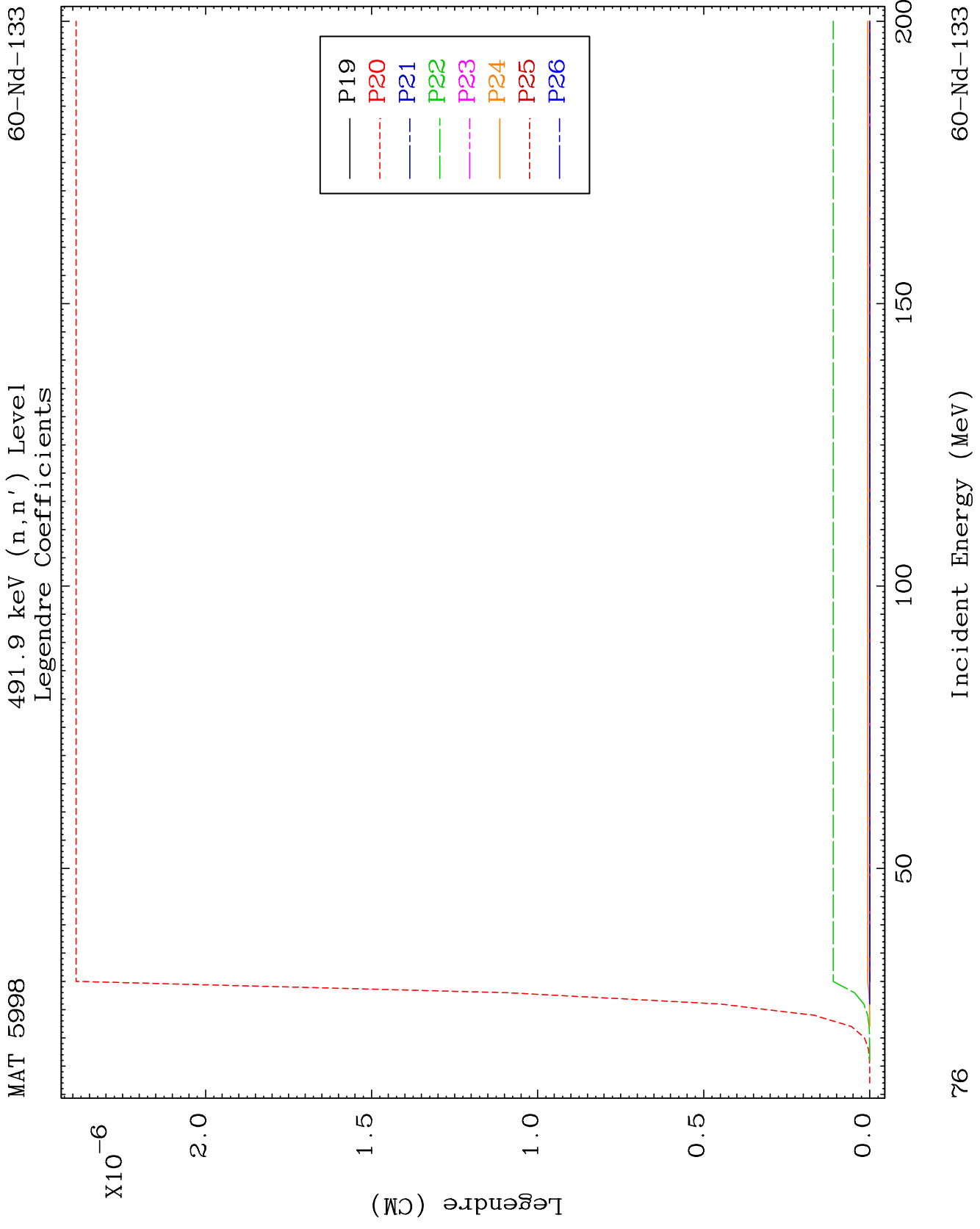


MAT 5998

491.9 keV (n,n') Level
Legendre Coefficients

60-Nd-133

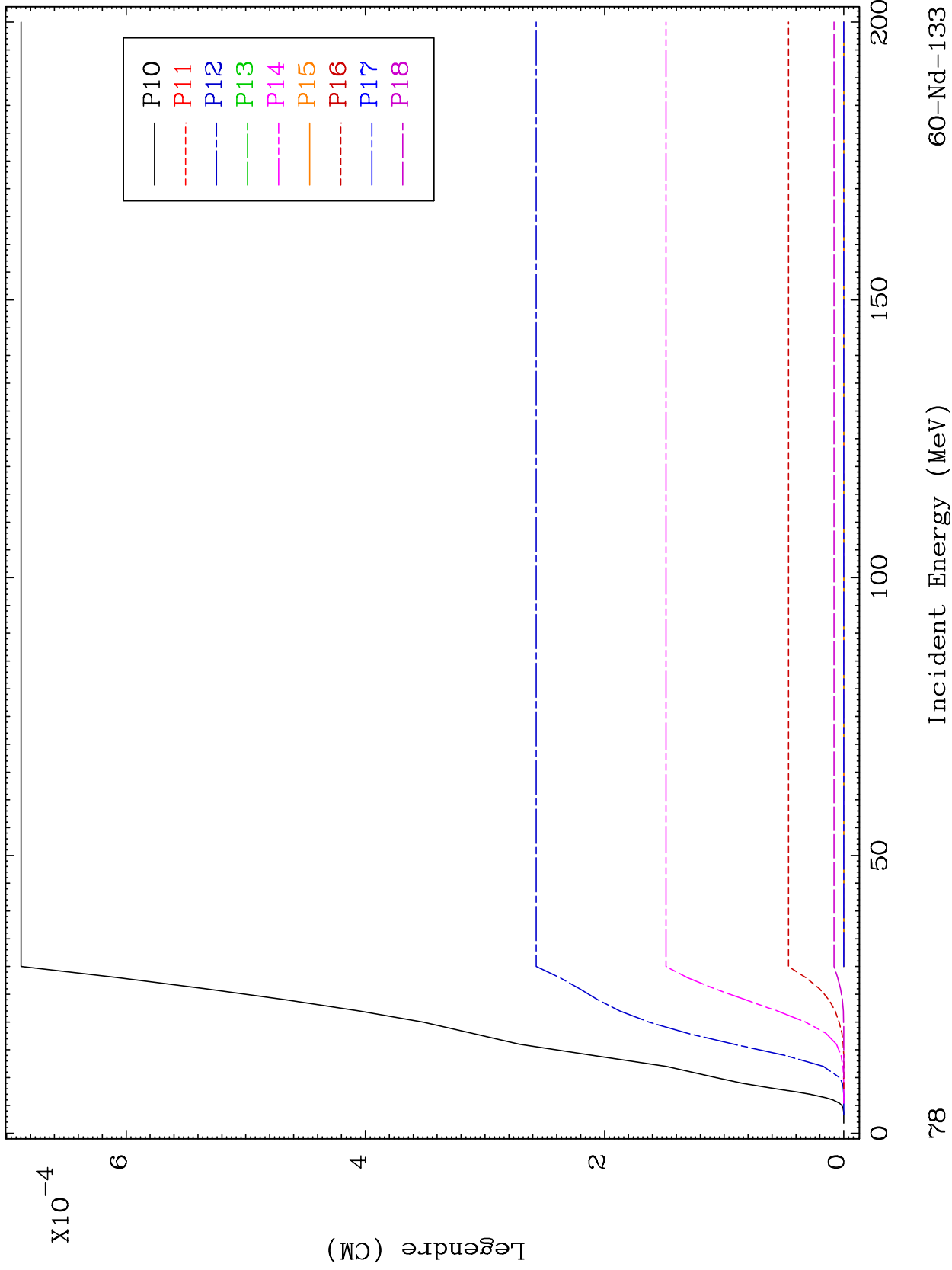




MAT 5998

505.9 keV (n,n') Level
Legendre Coefficients

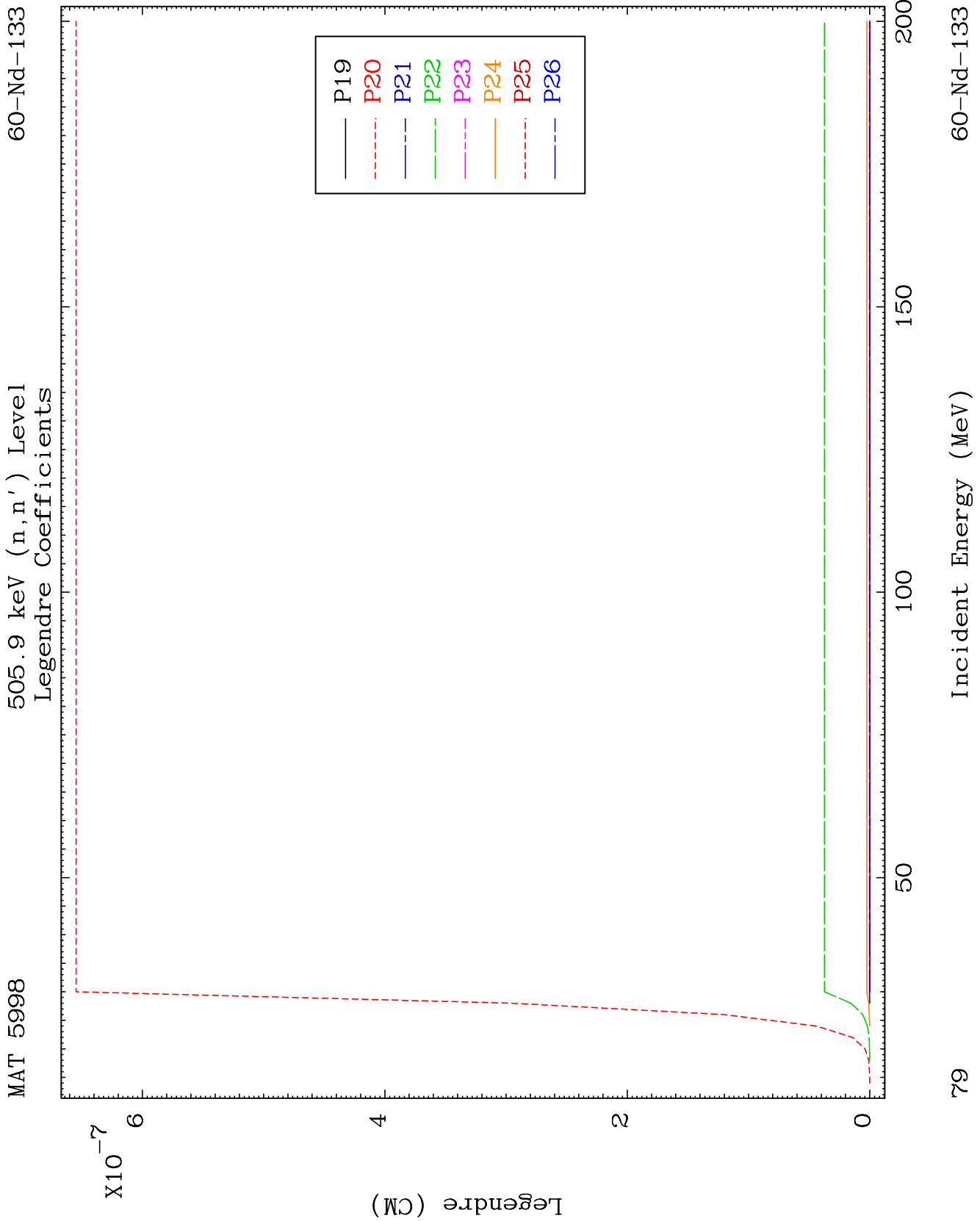
60-Nd-133

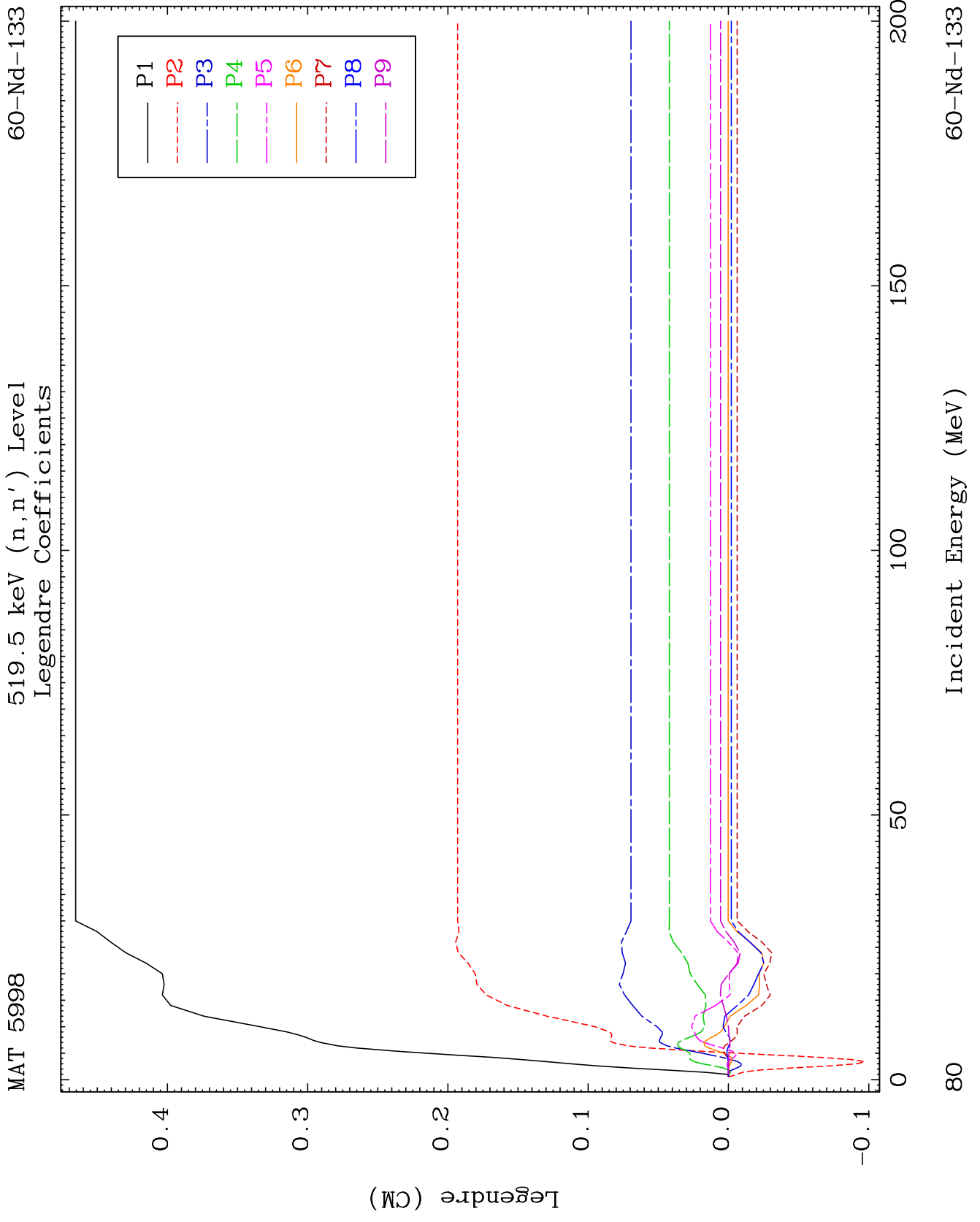


60-Nd-133

Incident Energy (MeV)

78

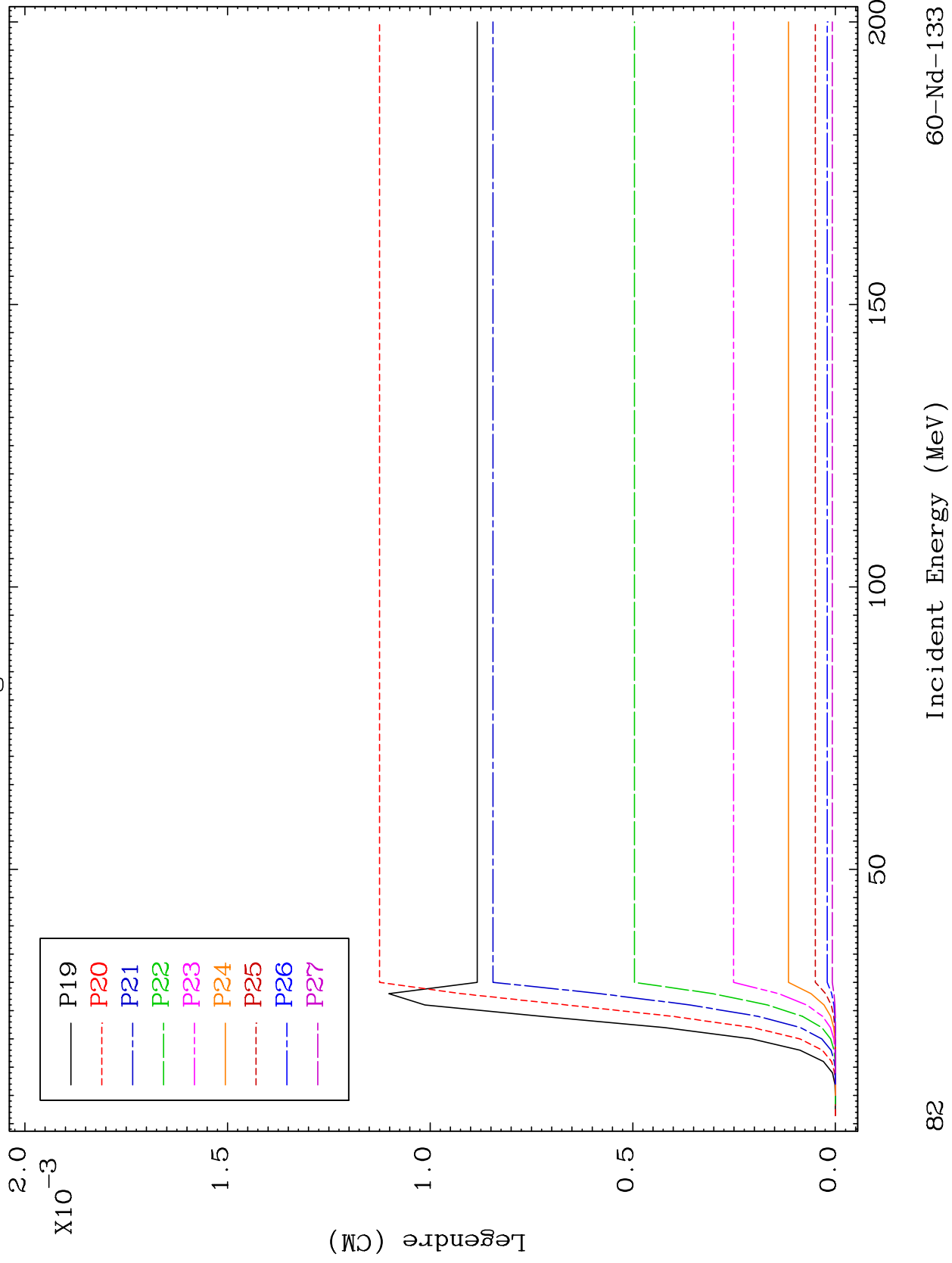




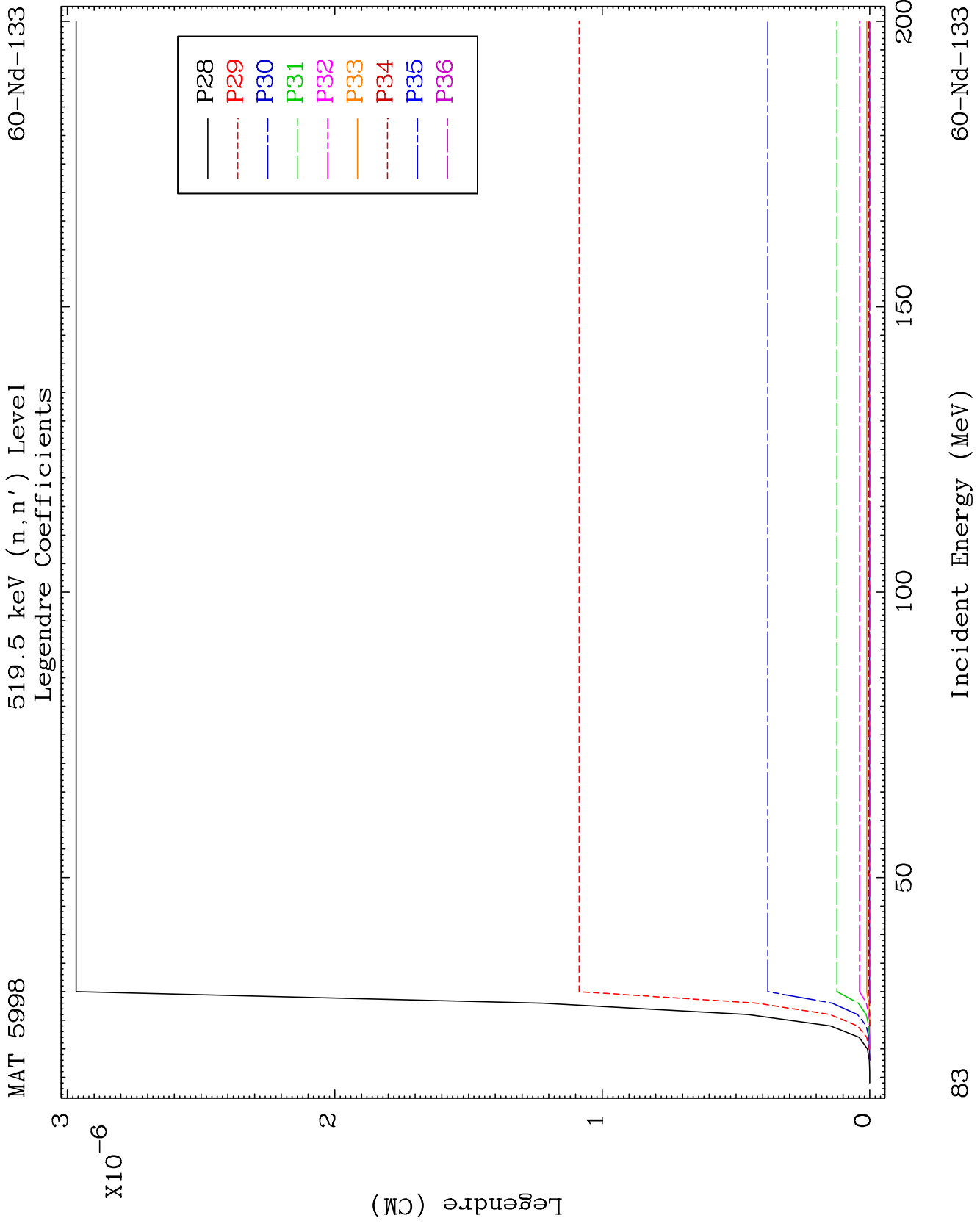
MAT 5998

519.5 keV (n,n') Level
Legendre Coefficients

60-Nd-133



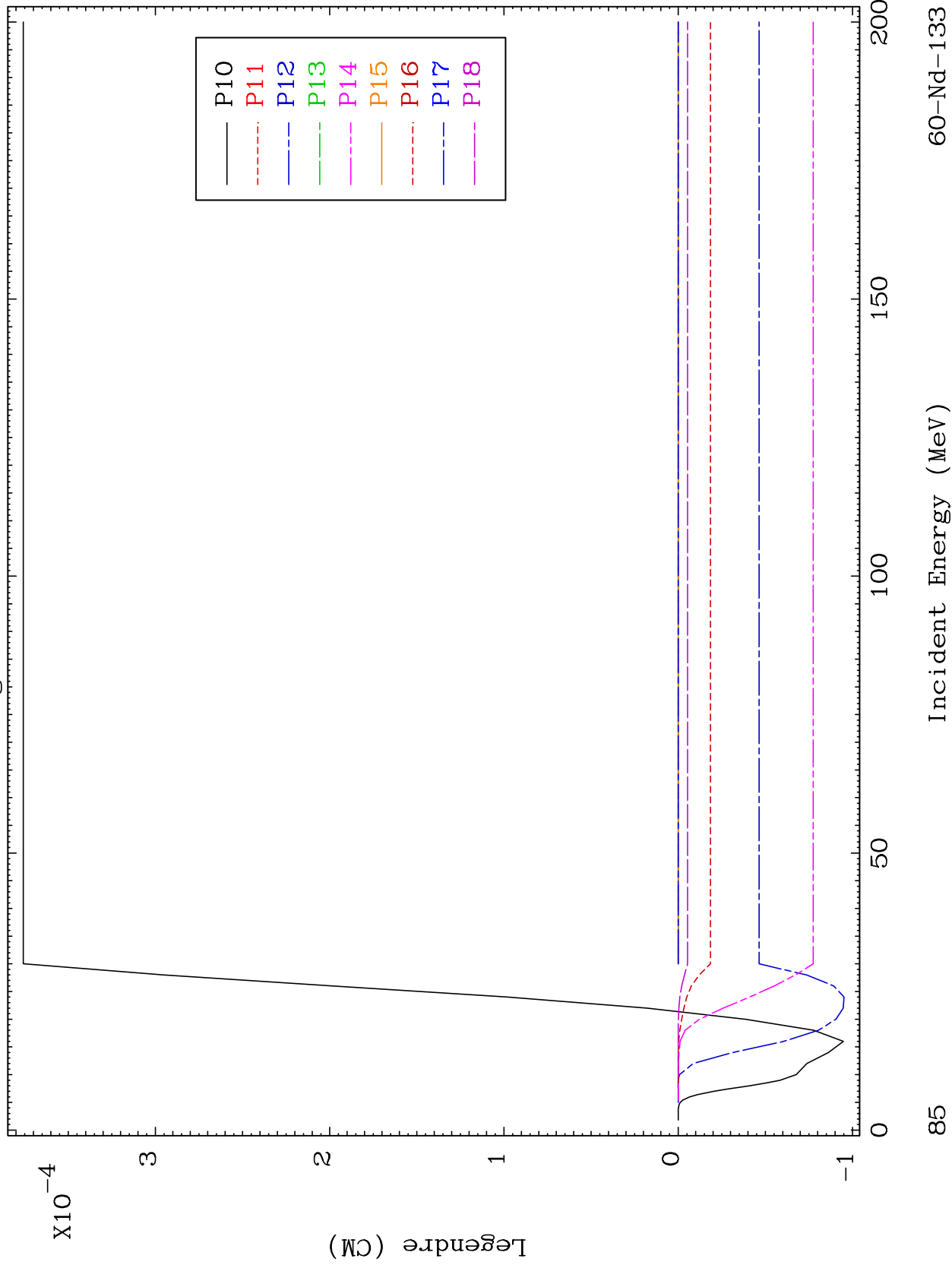
82

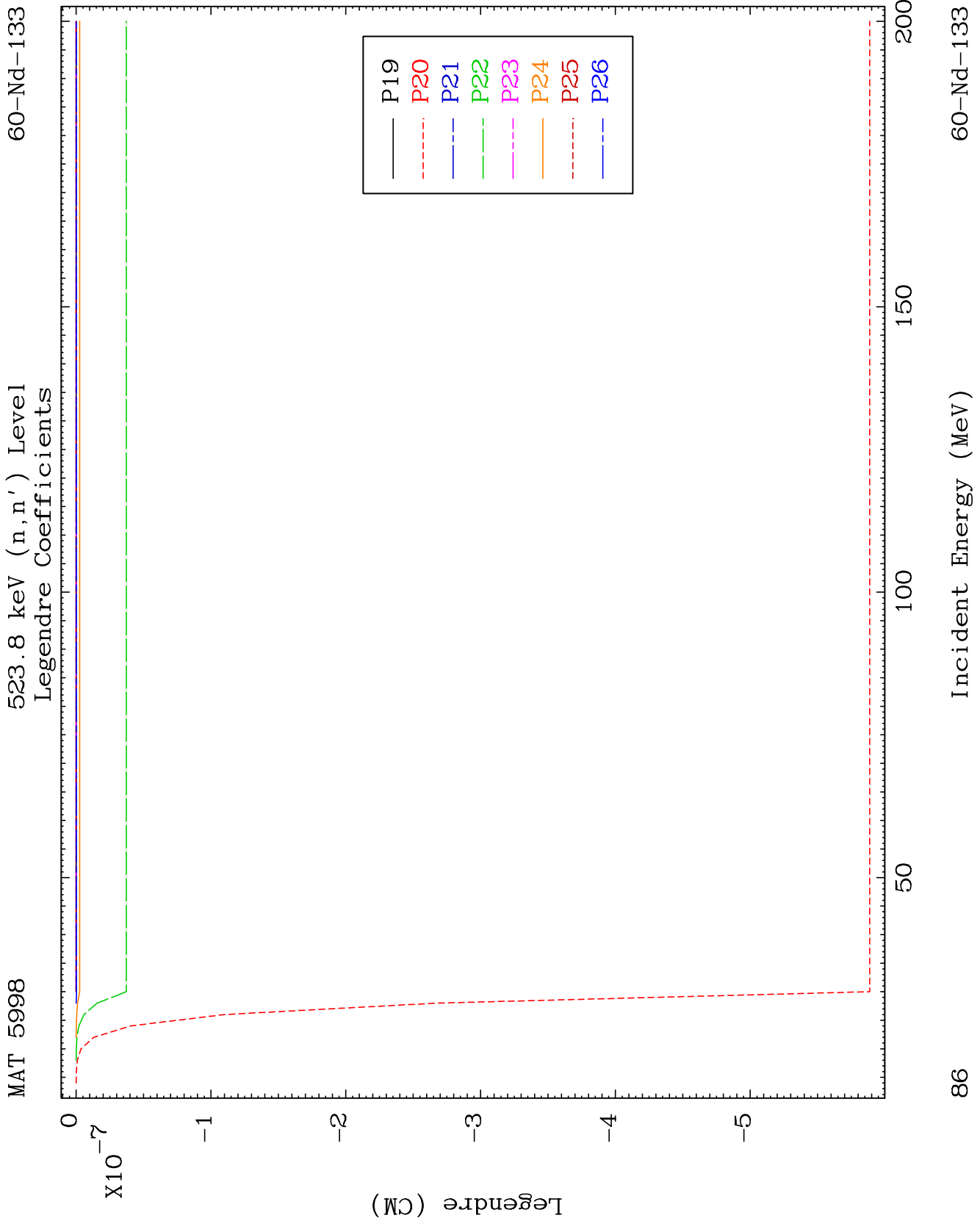


MAT 5998

523.8 keV (n,n') Level
Legendre Coefficients

60-Nd-133

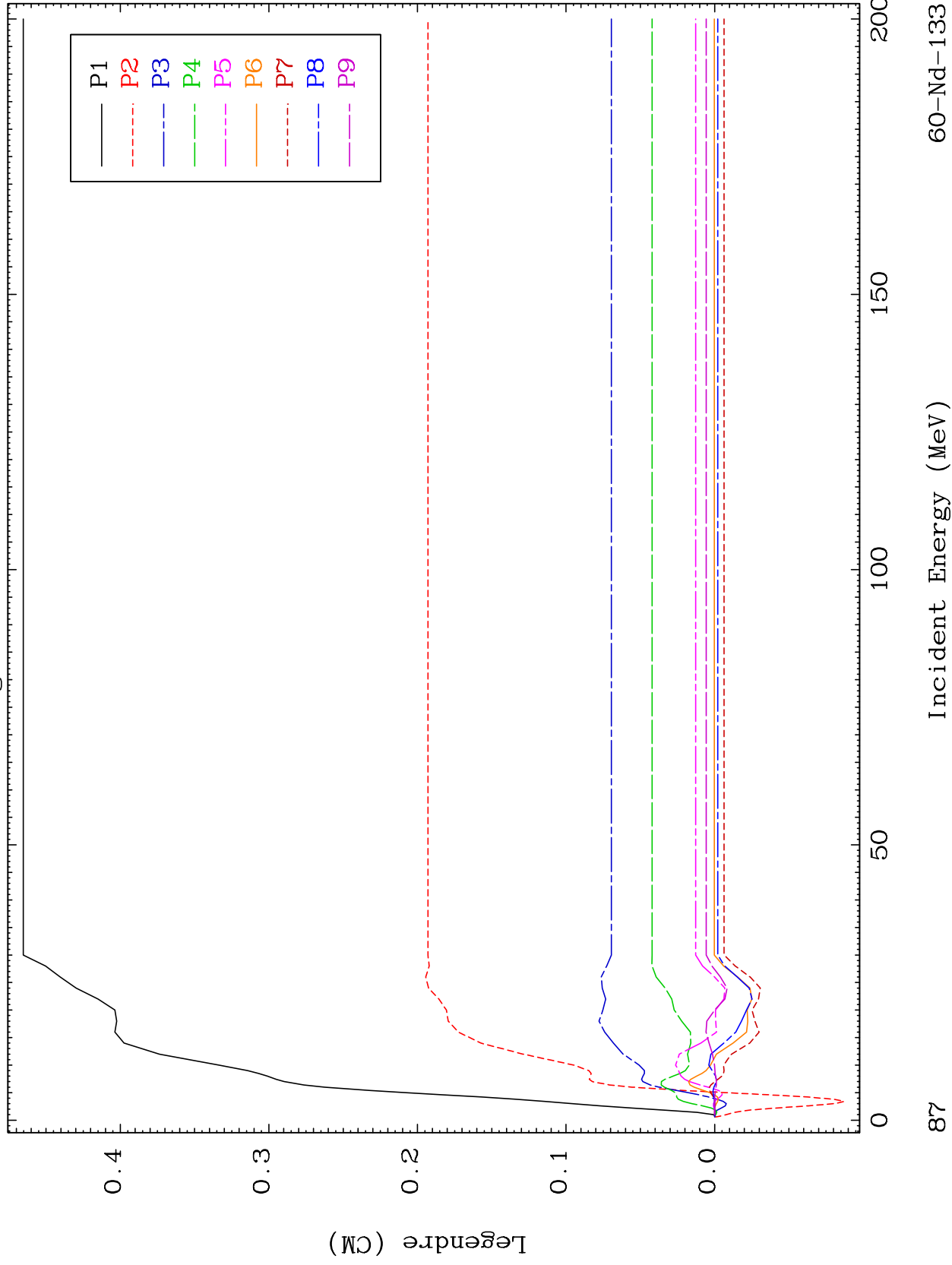




MAT 5998

555.0 keV (n,n') Level
Legendre Coefficients

60-Nd-133



60-Nd-133

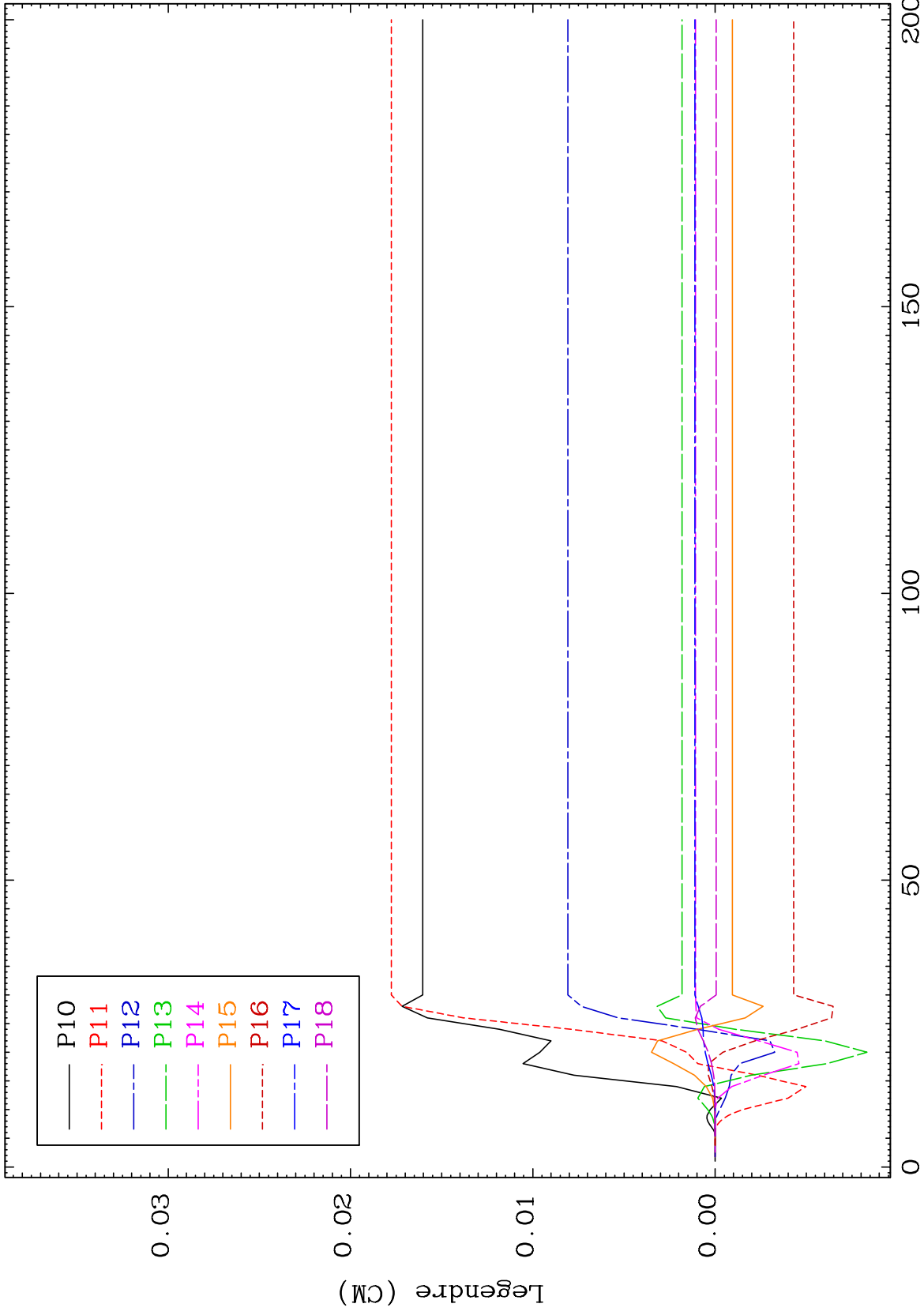
Incident Energy (MeV)

87

MAT 5998

555.0 keV (n, n') Level
Legendre Coefficients

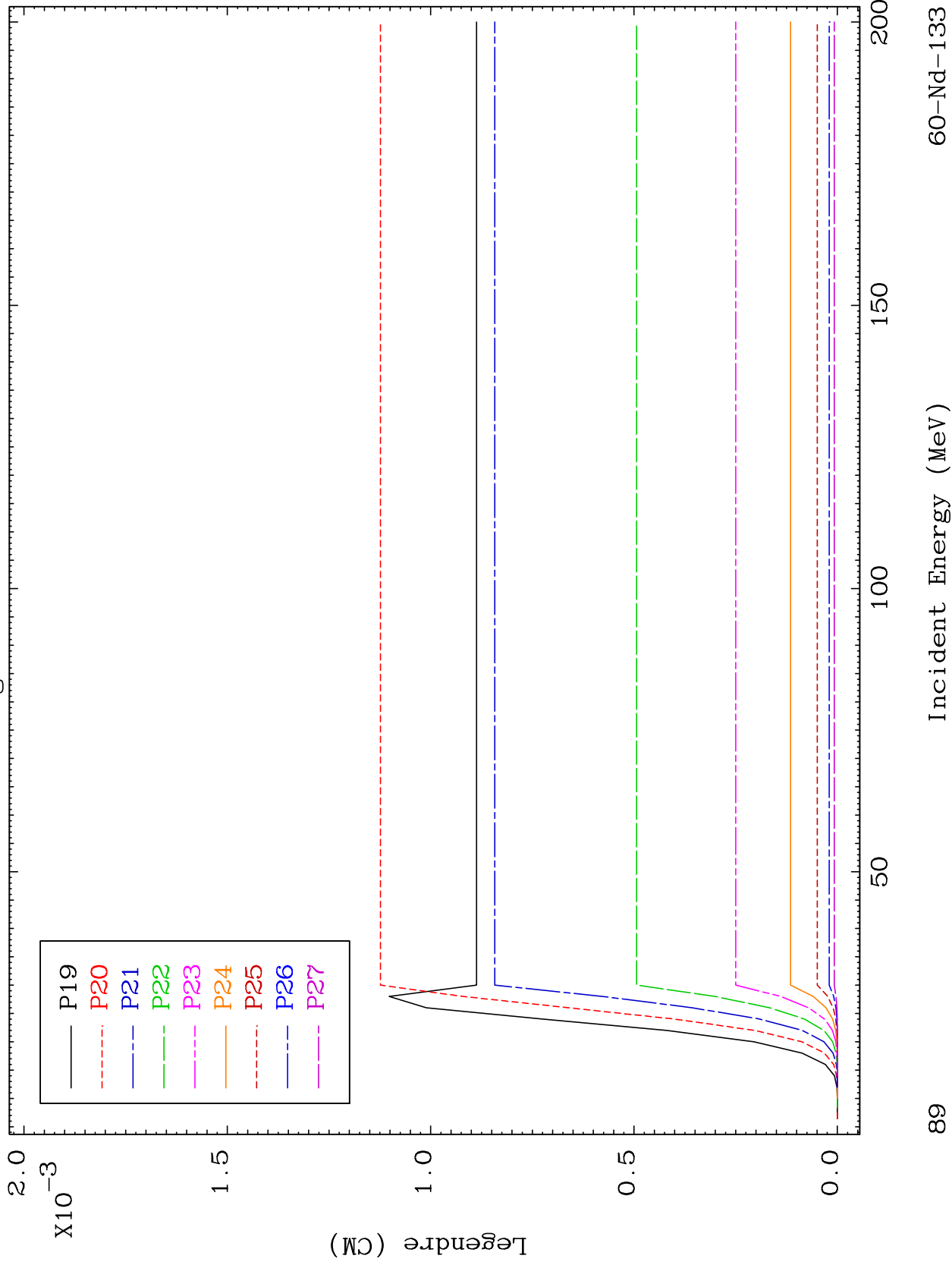
60-Nd-133



88

Incident Energy (MeV)

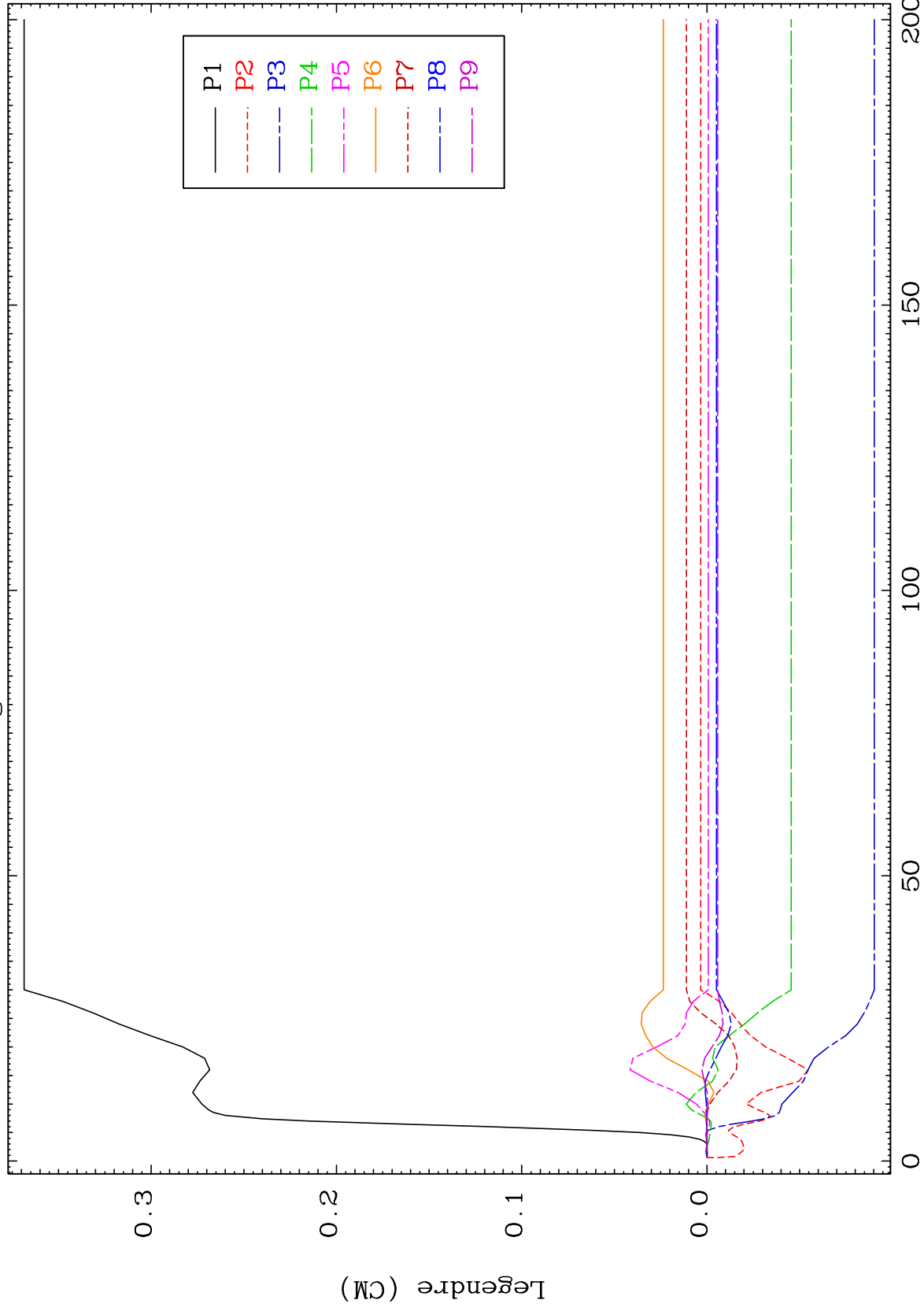
60-Nd-133



MAT 5998

585.4 keV (n,n') Level
Legendre Coefficients

60-Nd-133



91

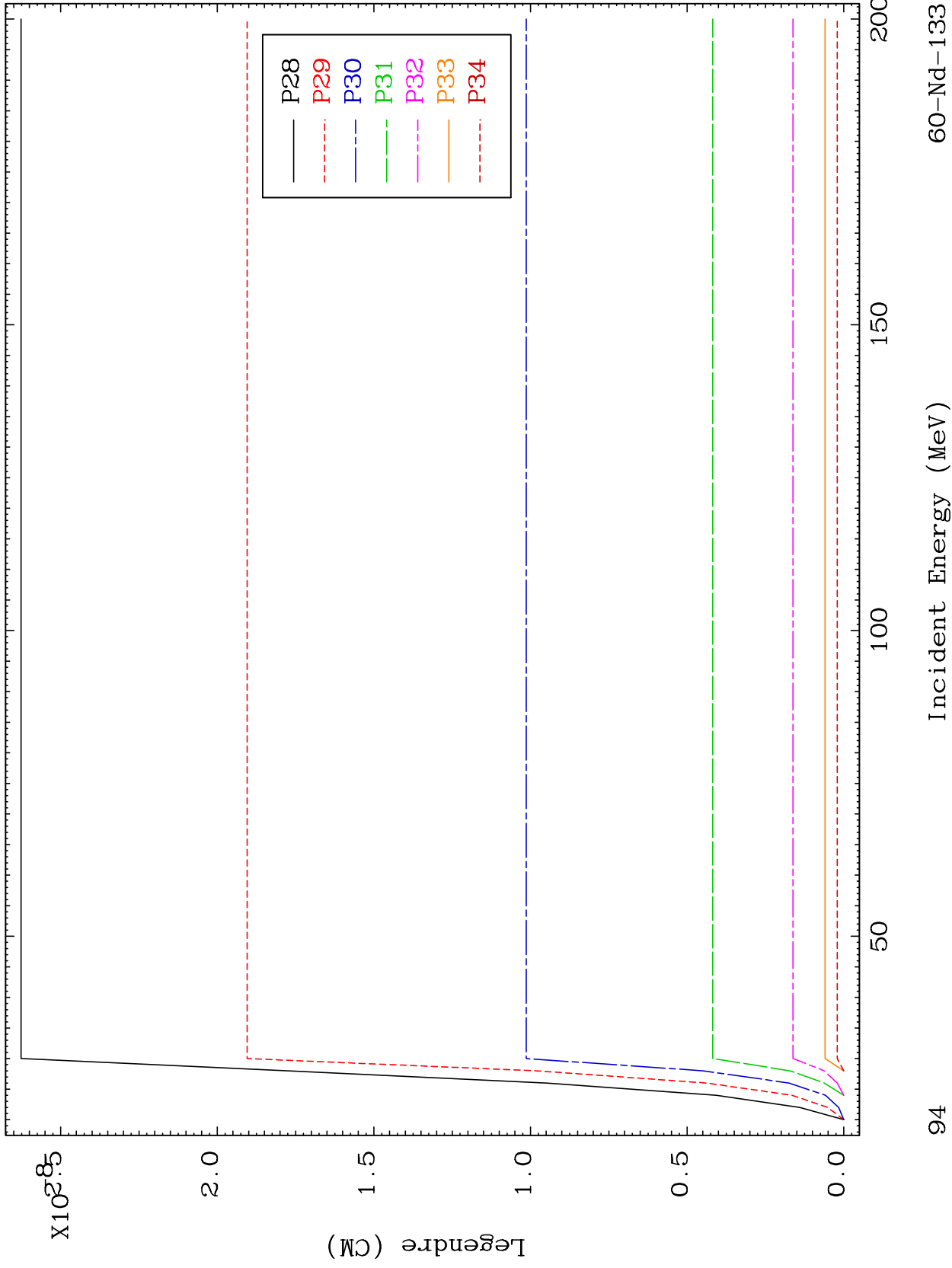
Incident Energy (MeV)

60-Nd-133

MAT 5998

585.4 keV (n,n') Level
Legendre Coefficients

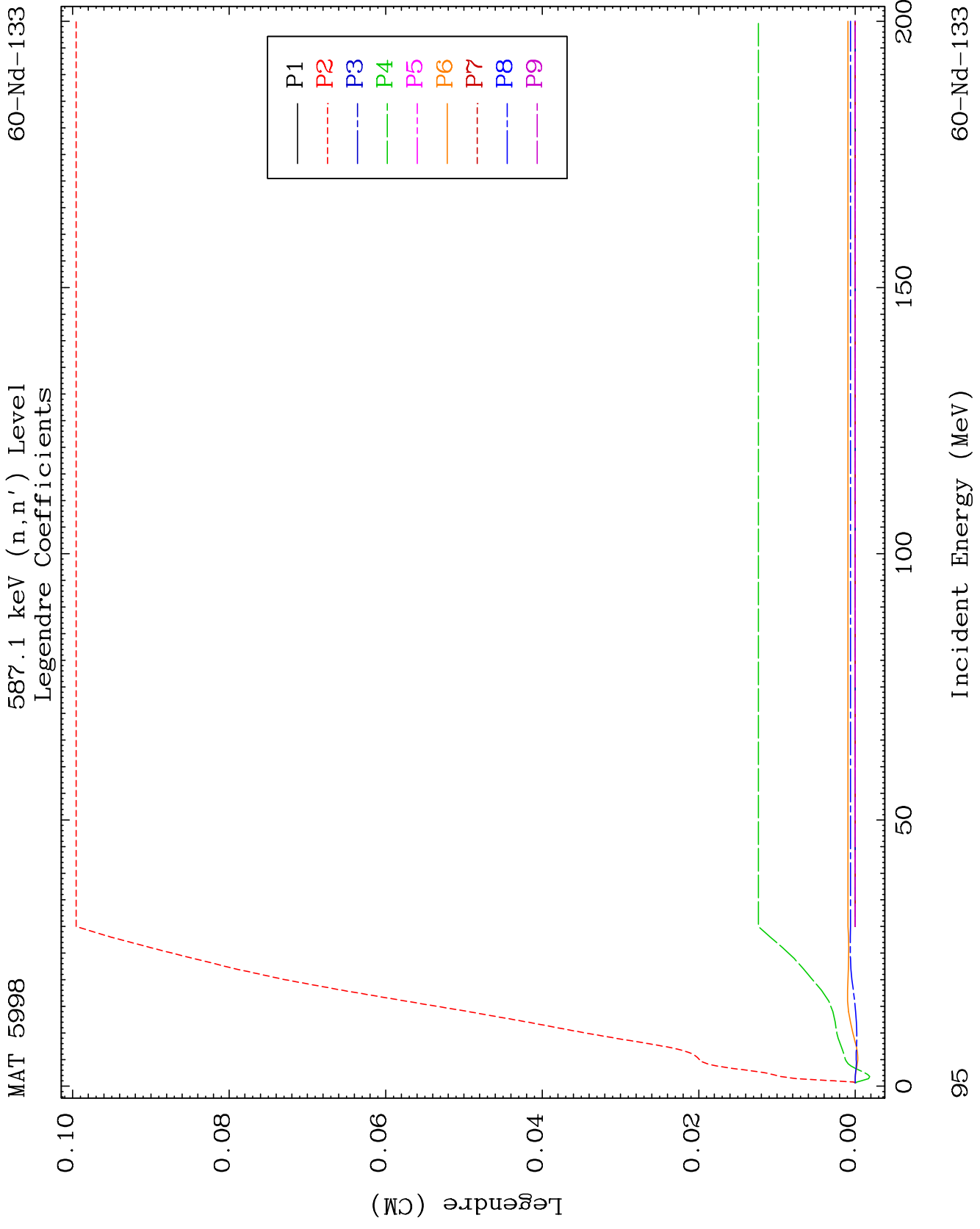
60-Nd-133



94

Incident Energy (MeV)

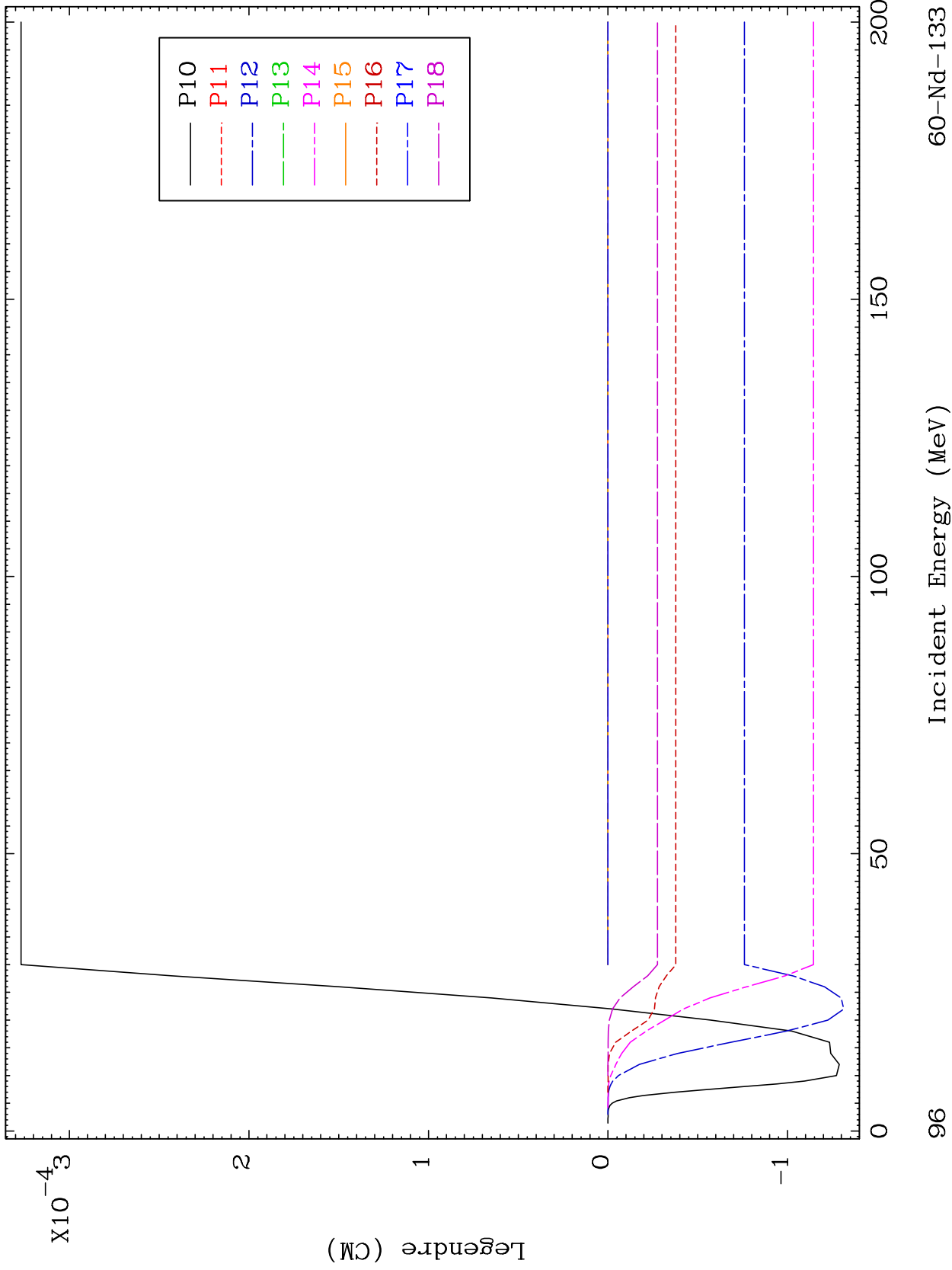
60-Nd-133



MAT 5998

587.1 keV (n,n') Level
Legendre Coefficients

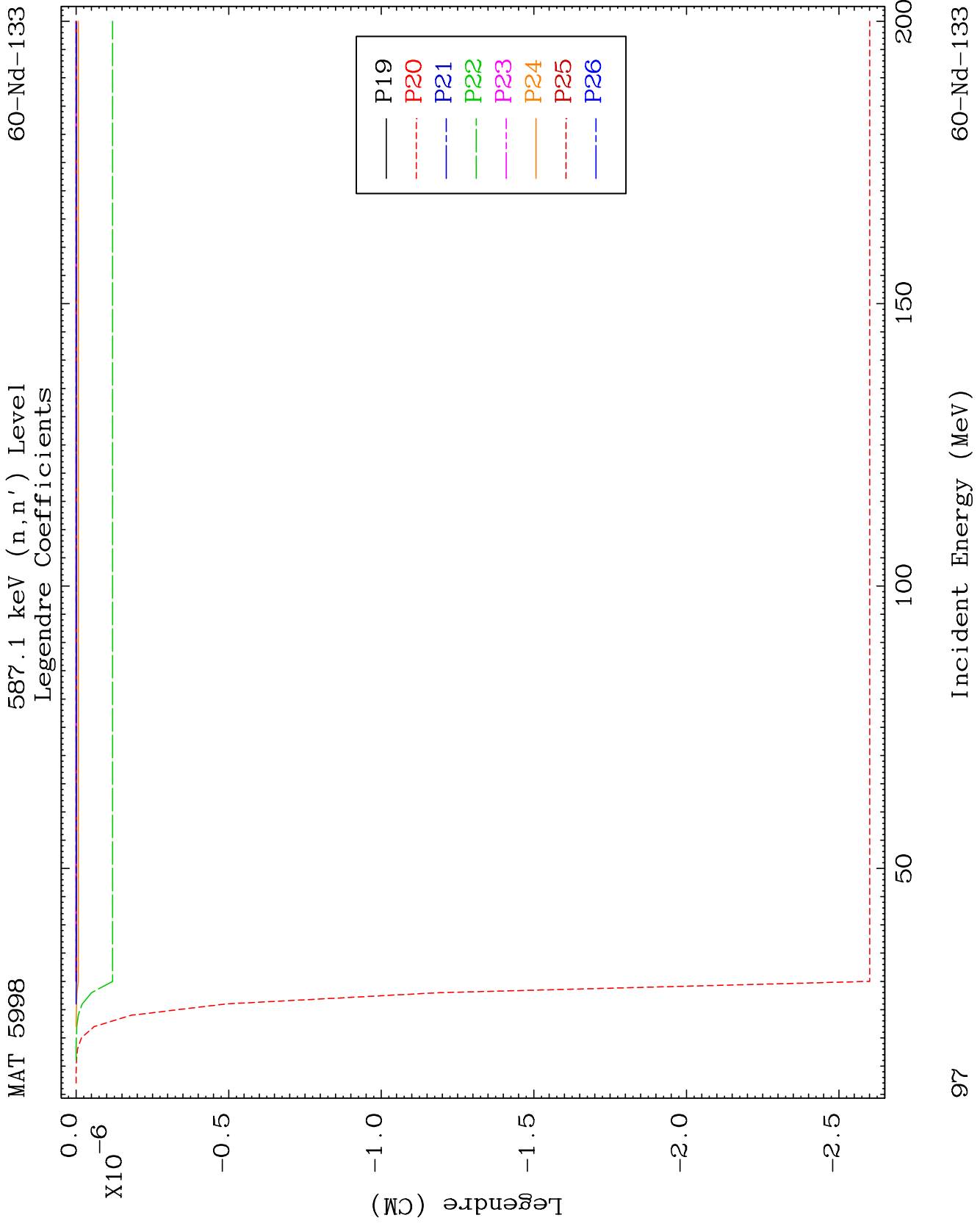
60-Nd-133



96

Incident Energy (MeV)

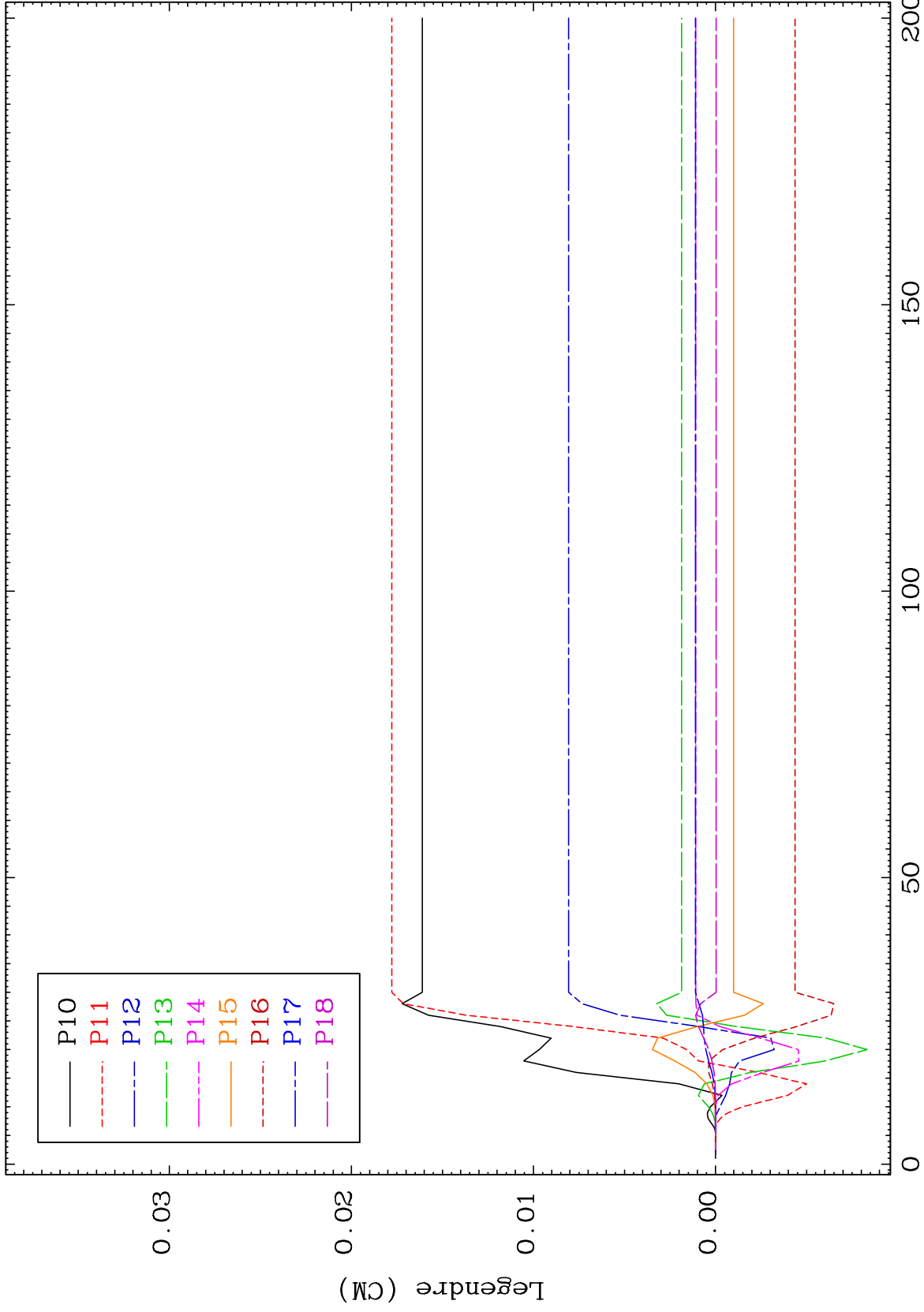
60-Nd-133



MAT 5998

628.3 keV (n, n') Level
Legendre Coefficients

60-Nd-133



99

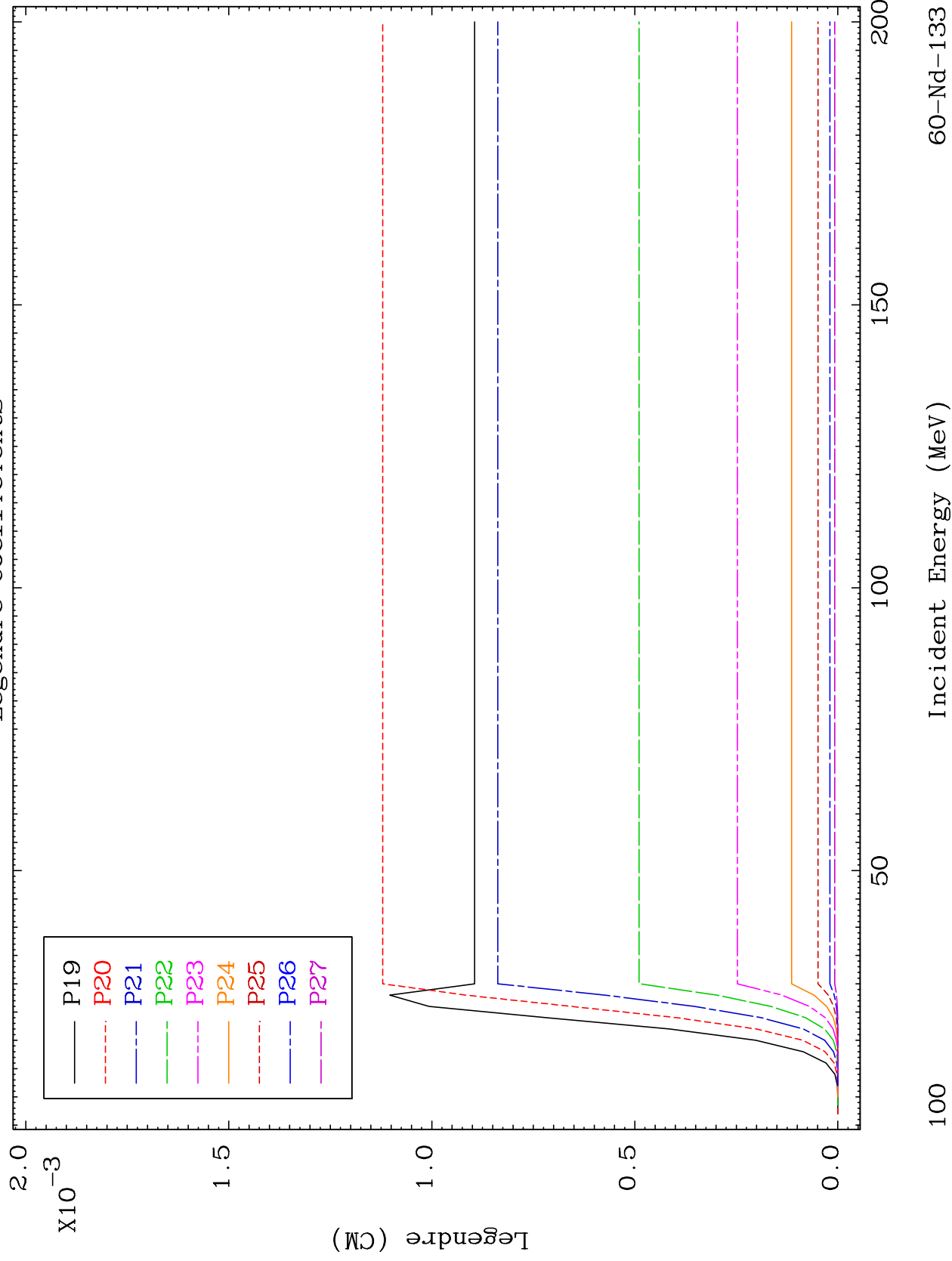
Incident Energy (MeV)

60-Nd-133

MAT 5998

628.3 keV (n,n') Level
Legendre Coefficients

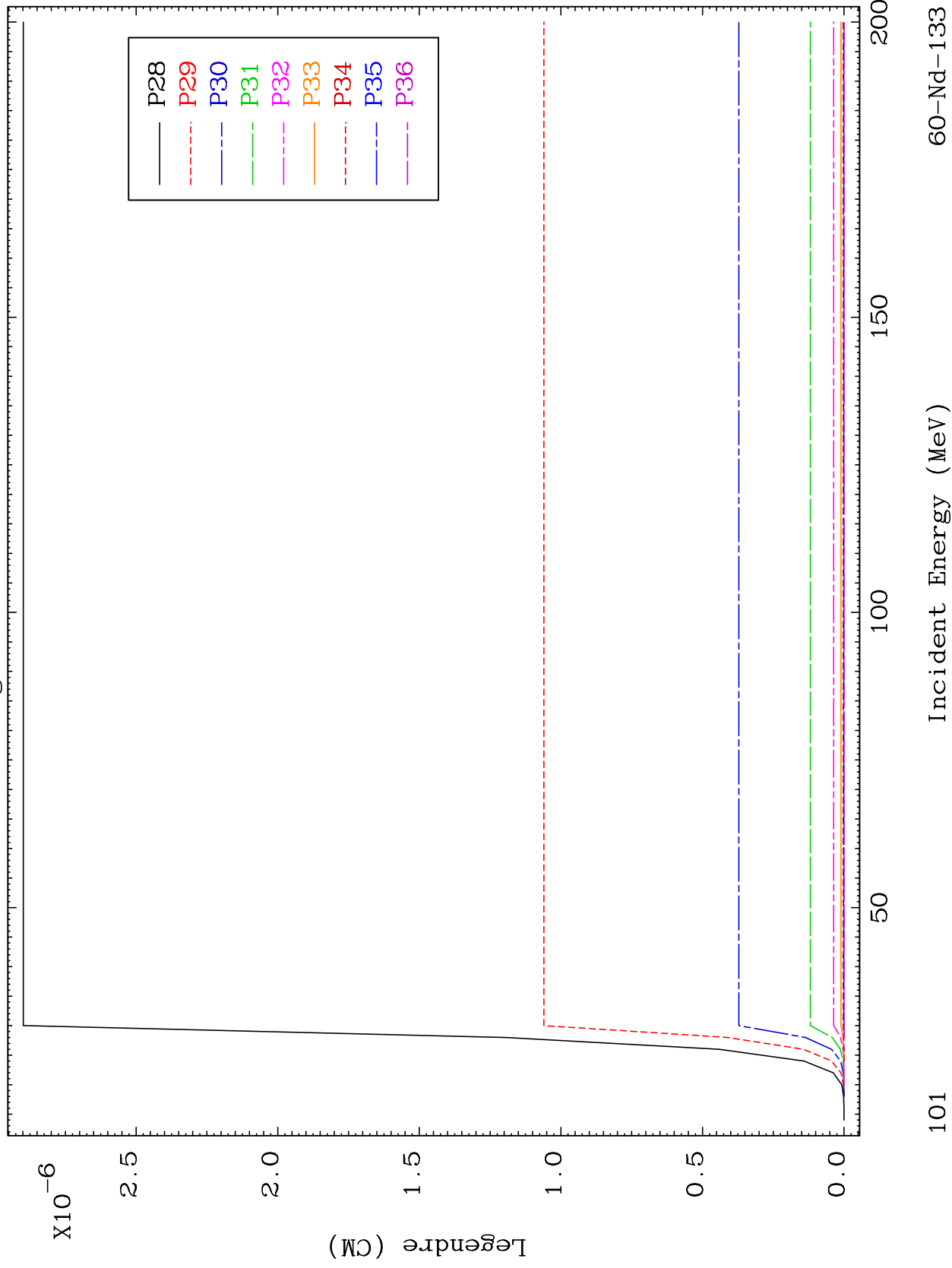
60-Nd-133



MAT 5998

628.3 keV (n,n') Level
Legendre Coefficients

60-Nd-133



101

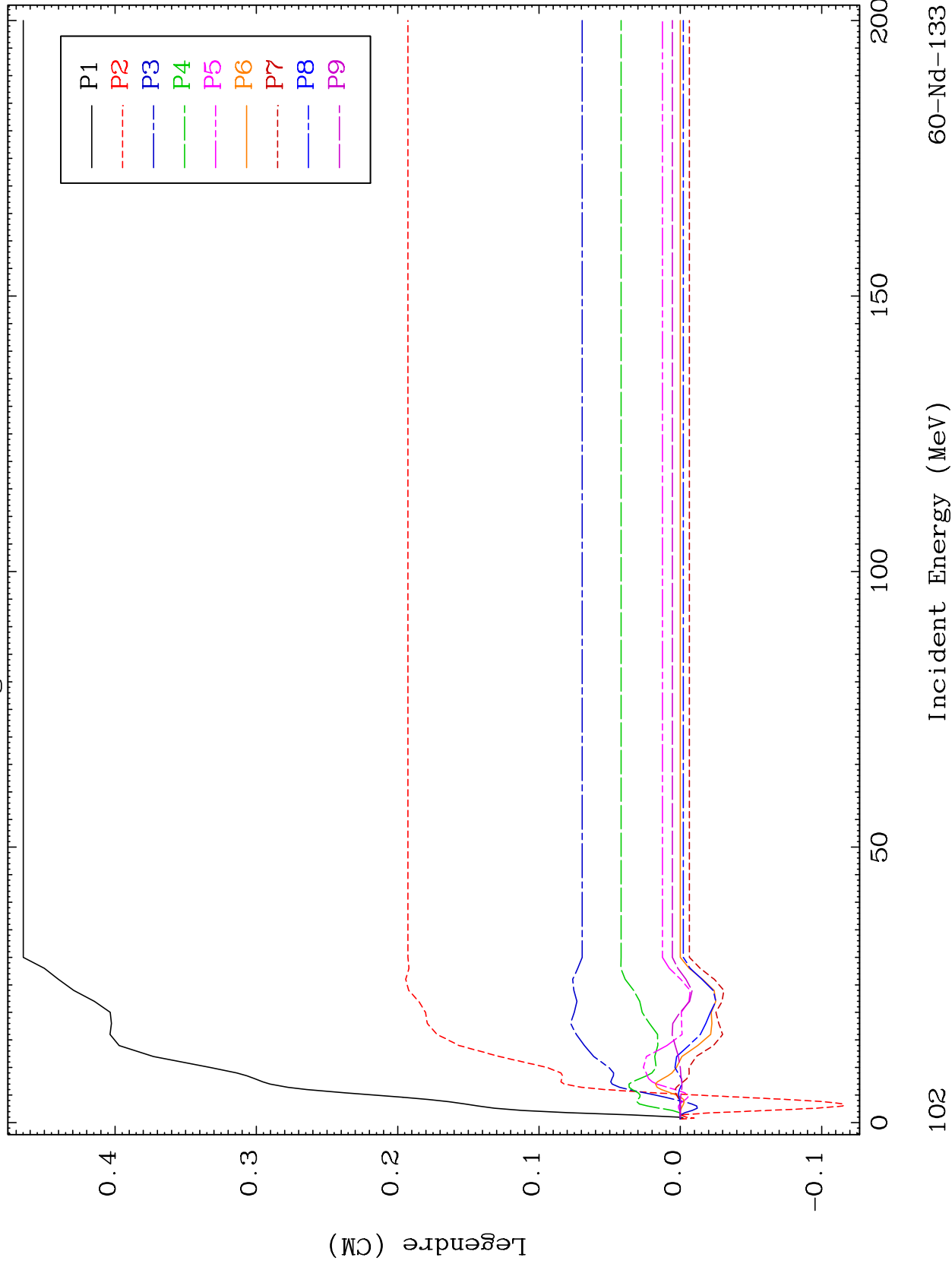
Incident Energy (MeV)

60-Nd-133

MAT 5998

646.7 keV (n,n') Level
Legendre Coefficients

60-Nd-133



60-Nd-133

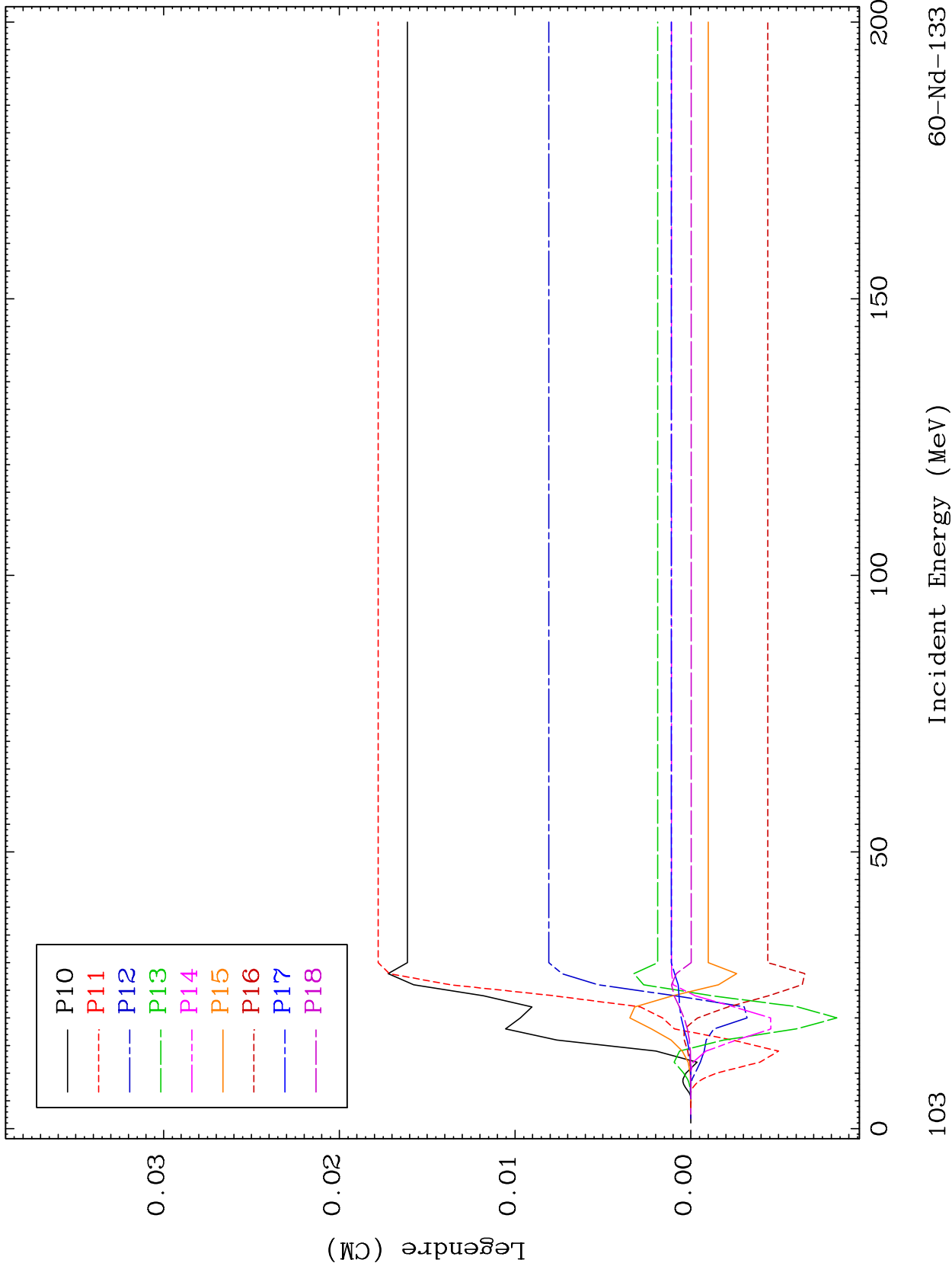
Incident Energy (MeV)

102

MAT 5998

646.7 keV (n, n') Level
Legendre Coefficients

60-Nd-133



103

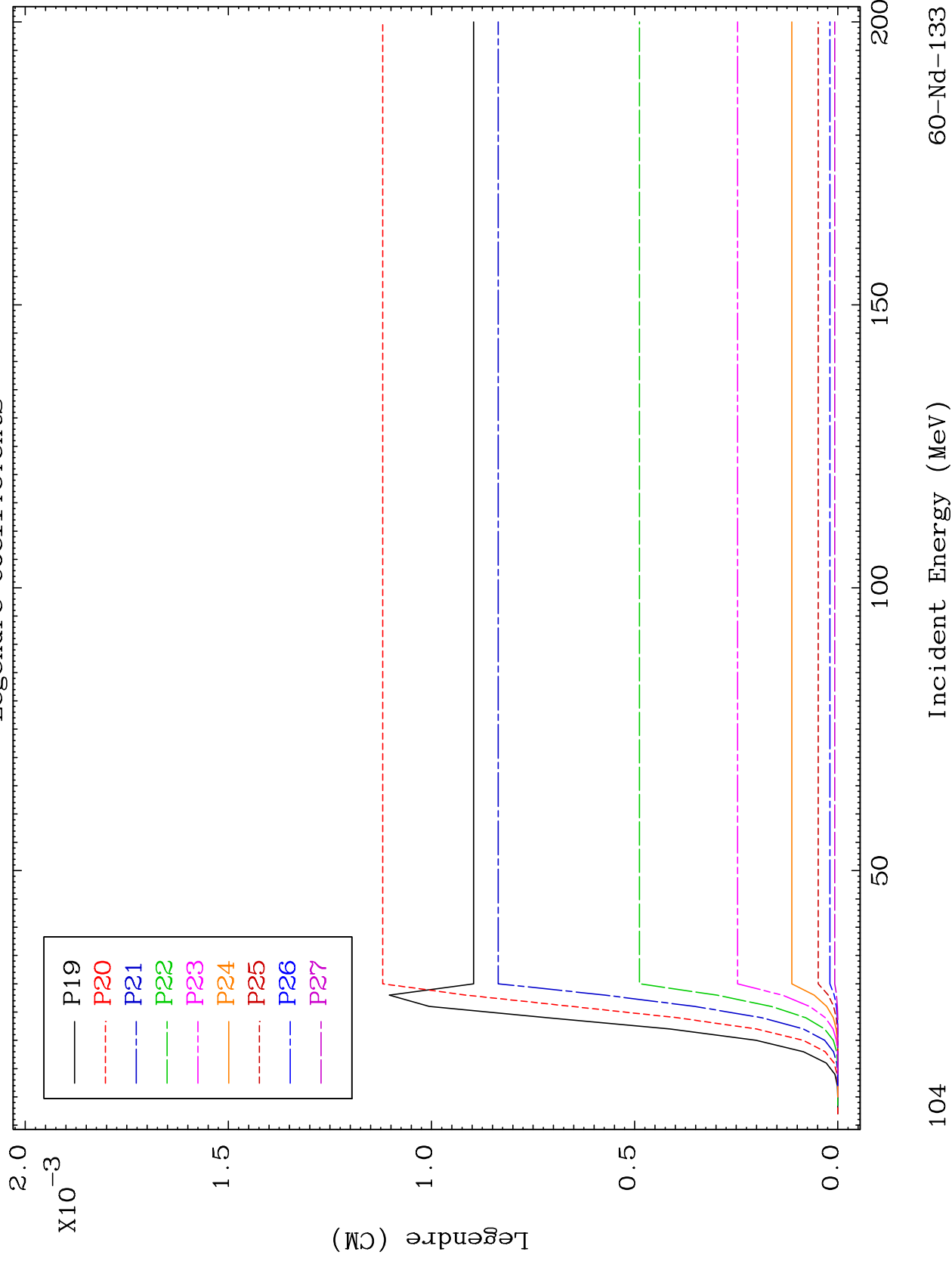
Incident Energy (MeV)

60-Nd-133

MAT 5998

646.7 keV (n,n') Level
Legendre Coefficients

60-Nd-133



104

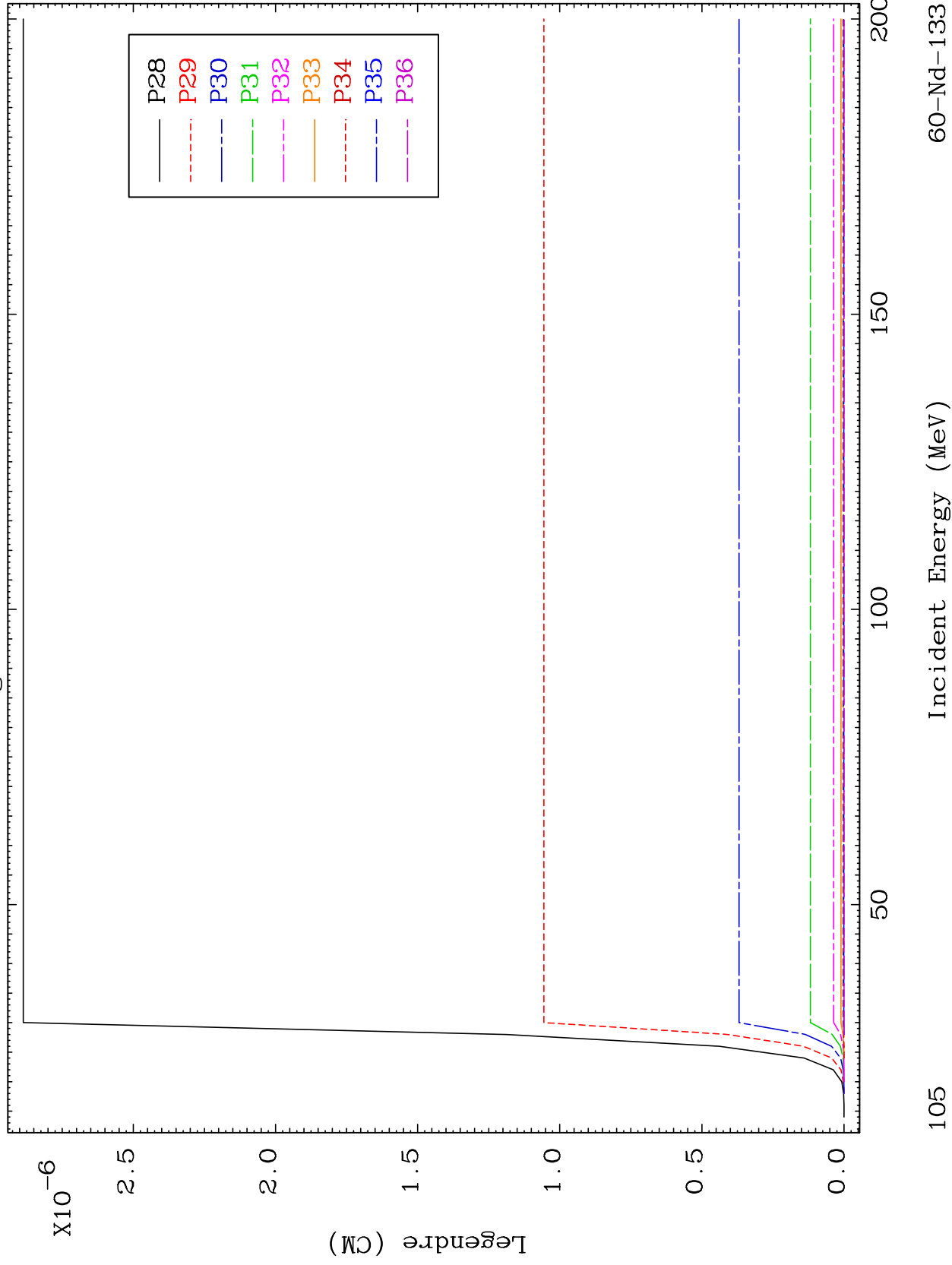
Incident Energy (MeV)

60-Nd-133

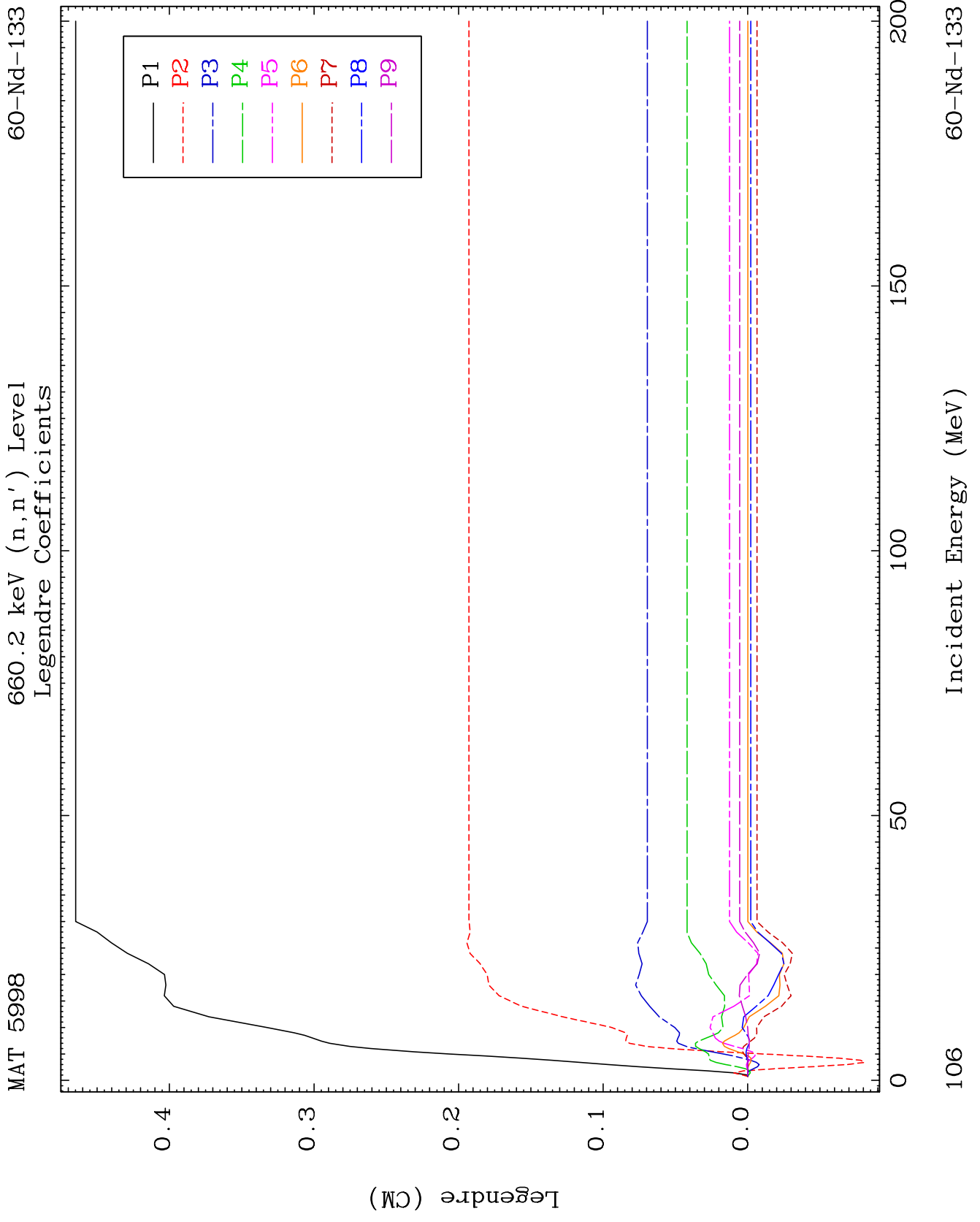
MAT 5998

646.7 keV (n,n') Level
Legendre Coefficients

60-Nd-133



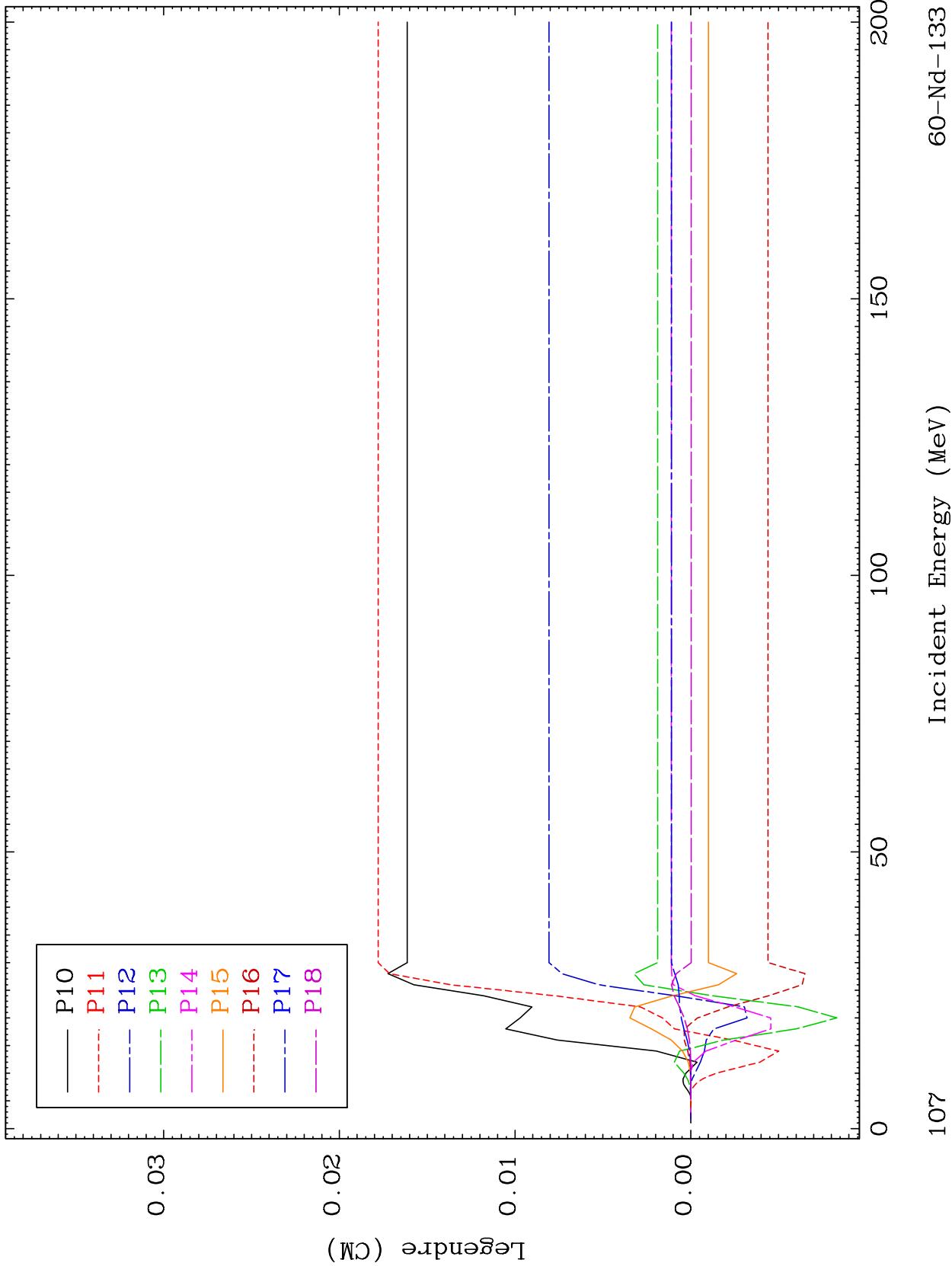
60-Nd-133



MAT 5998

660.2 keV (n,n') Level
Legendre Coefficients

60-Nd-133



107

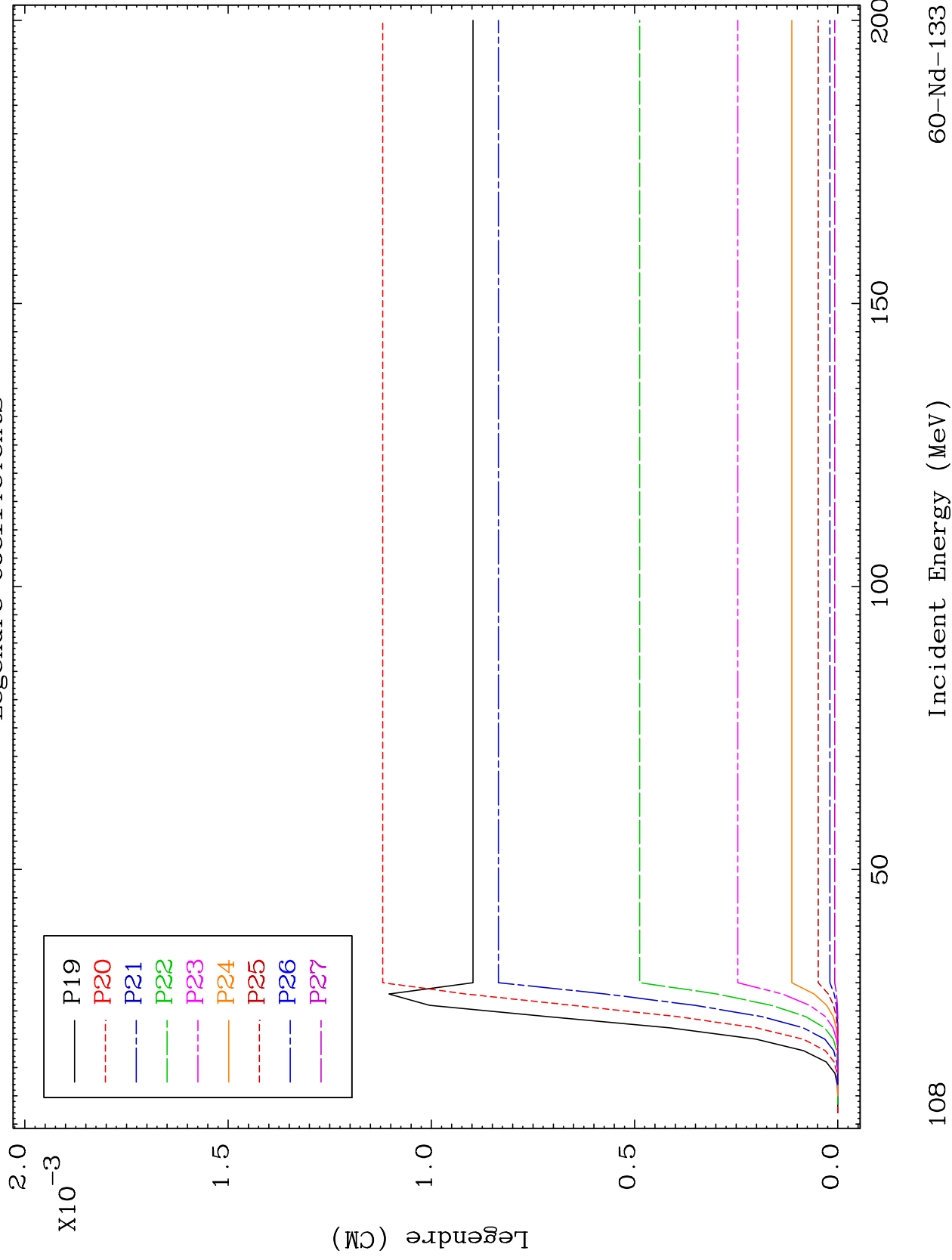
Incident Energy (MeV)

60-Nd-133

MAT 5998

660.2 keV (n,n') Level
Legendre Coefficients

60-Nd-133



108

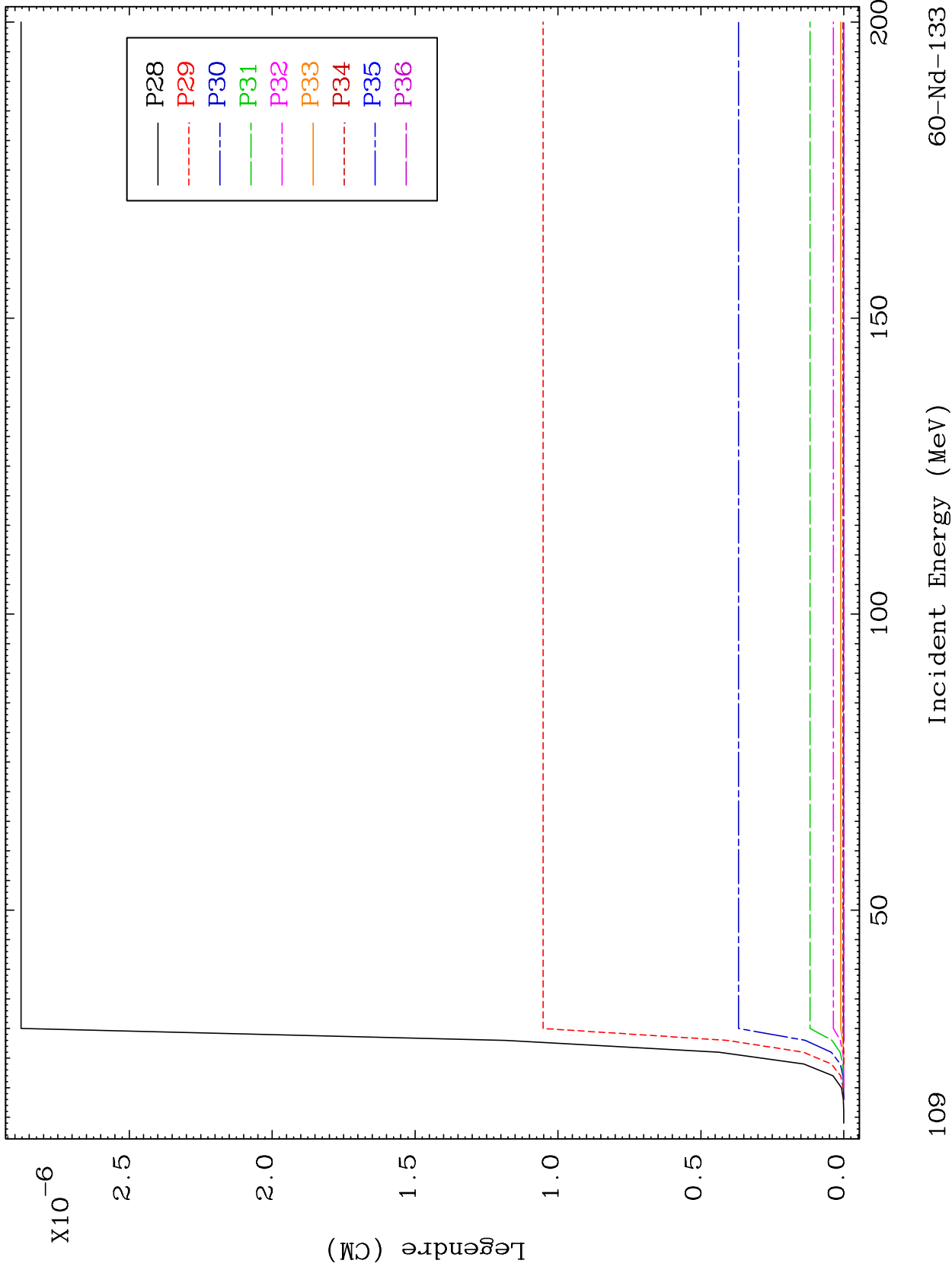
Incident Energy (MeV)

60-Nd-133

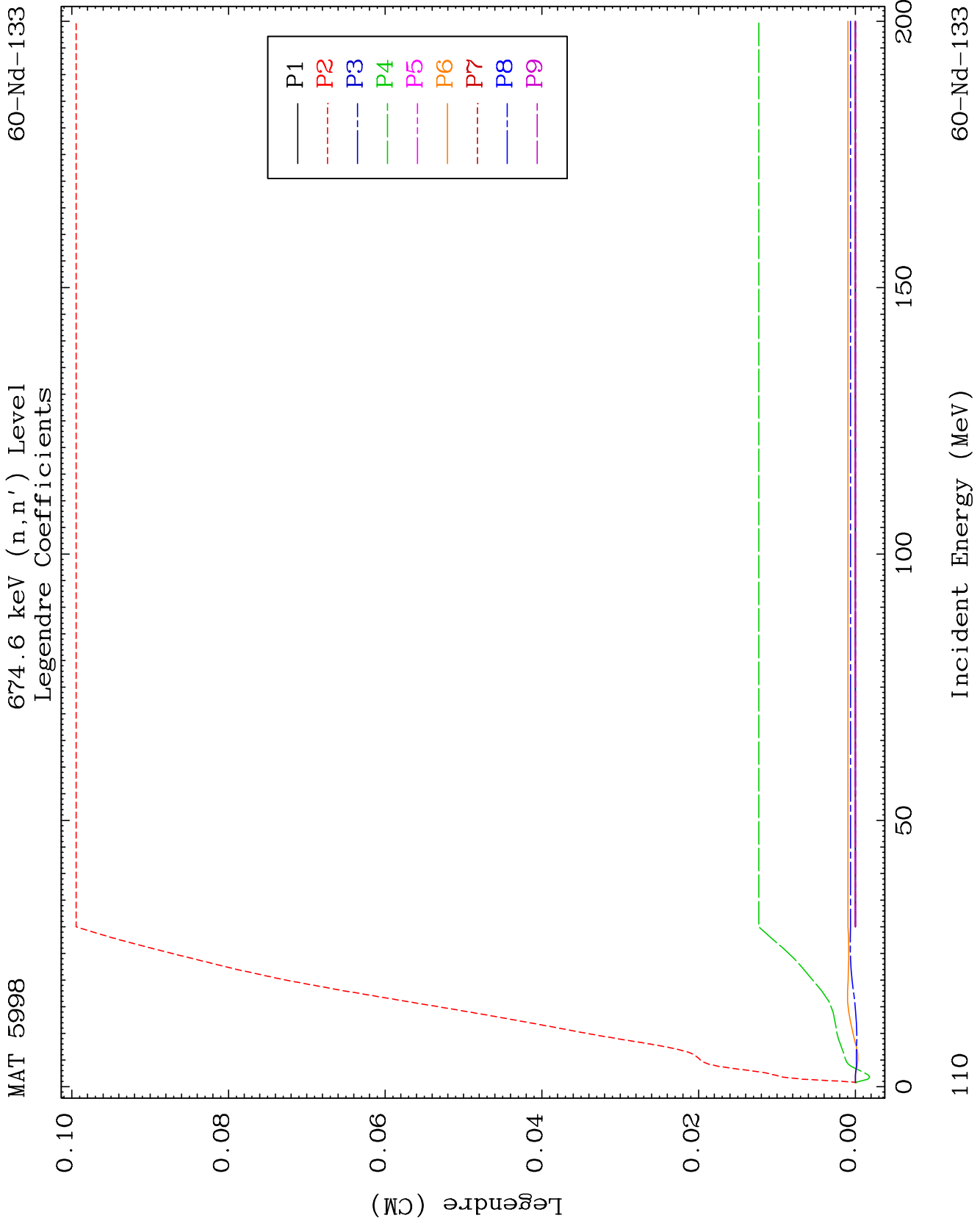
MAT 5998

660.2 keV (n,n') Level
Legendre Coefficients

60-Nd-133



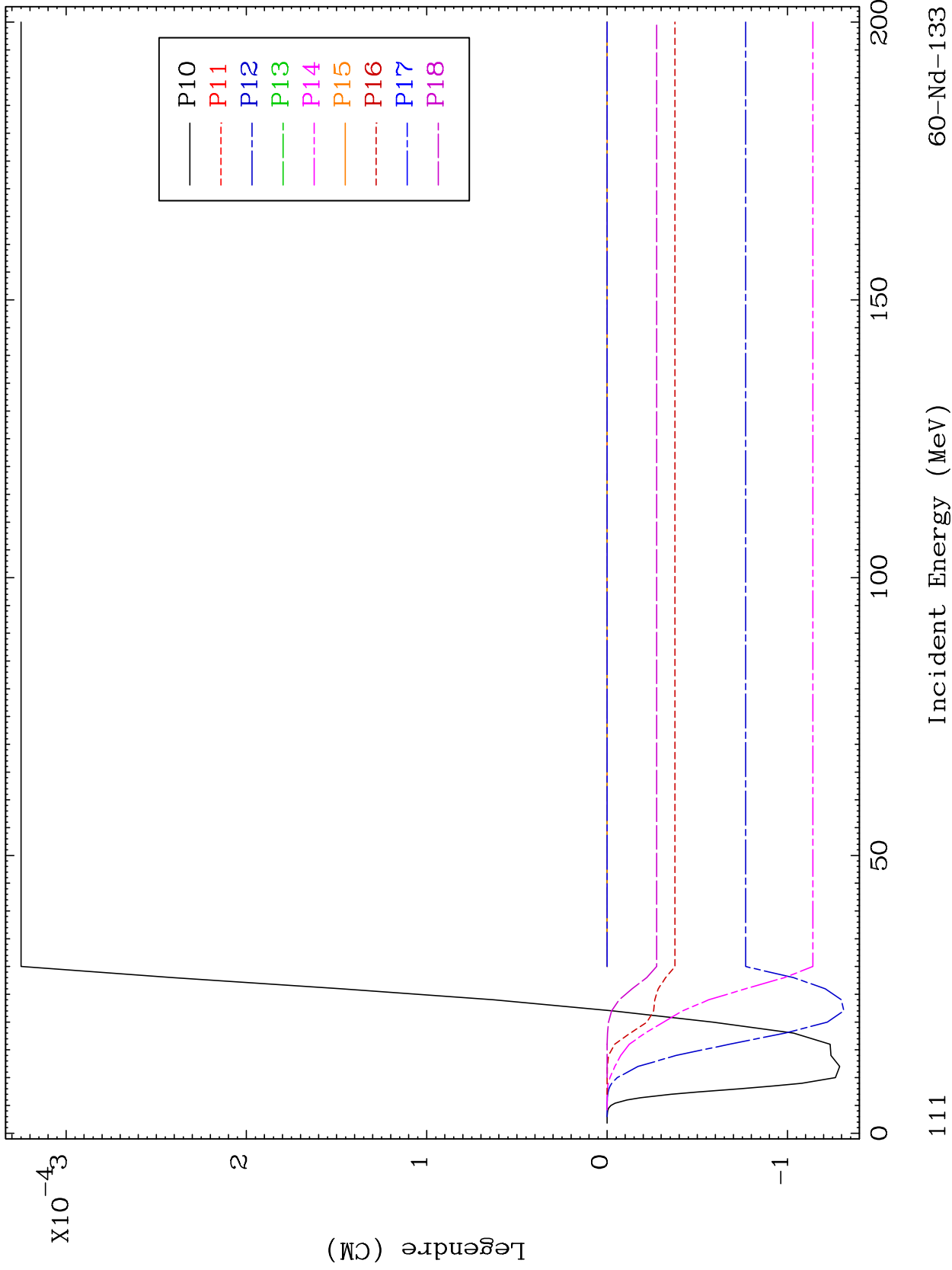
109



MAT 5998

674.6 keV (n,n') Level
Legendre Coefficients

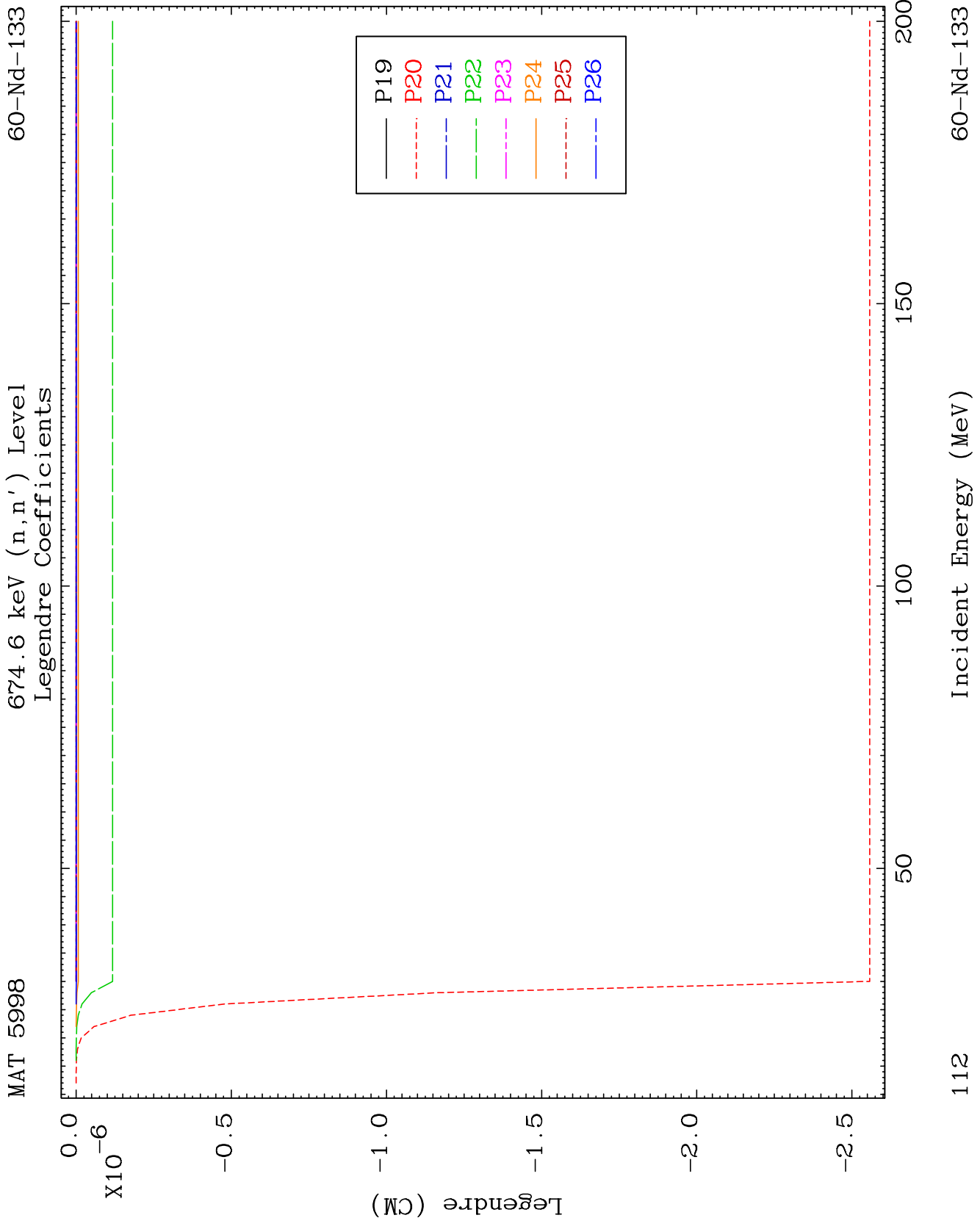
60-Nd-133



60-Nd-133

Incident Energy (MeV)

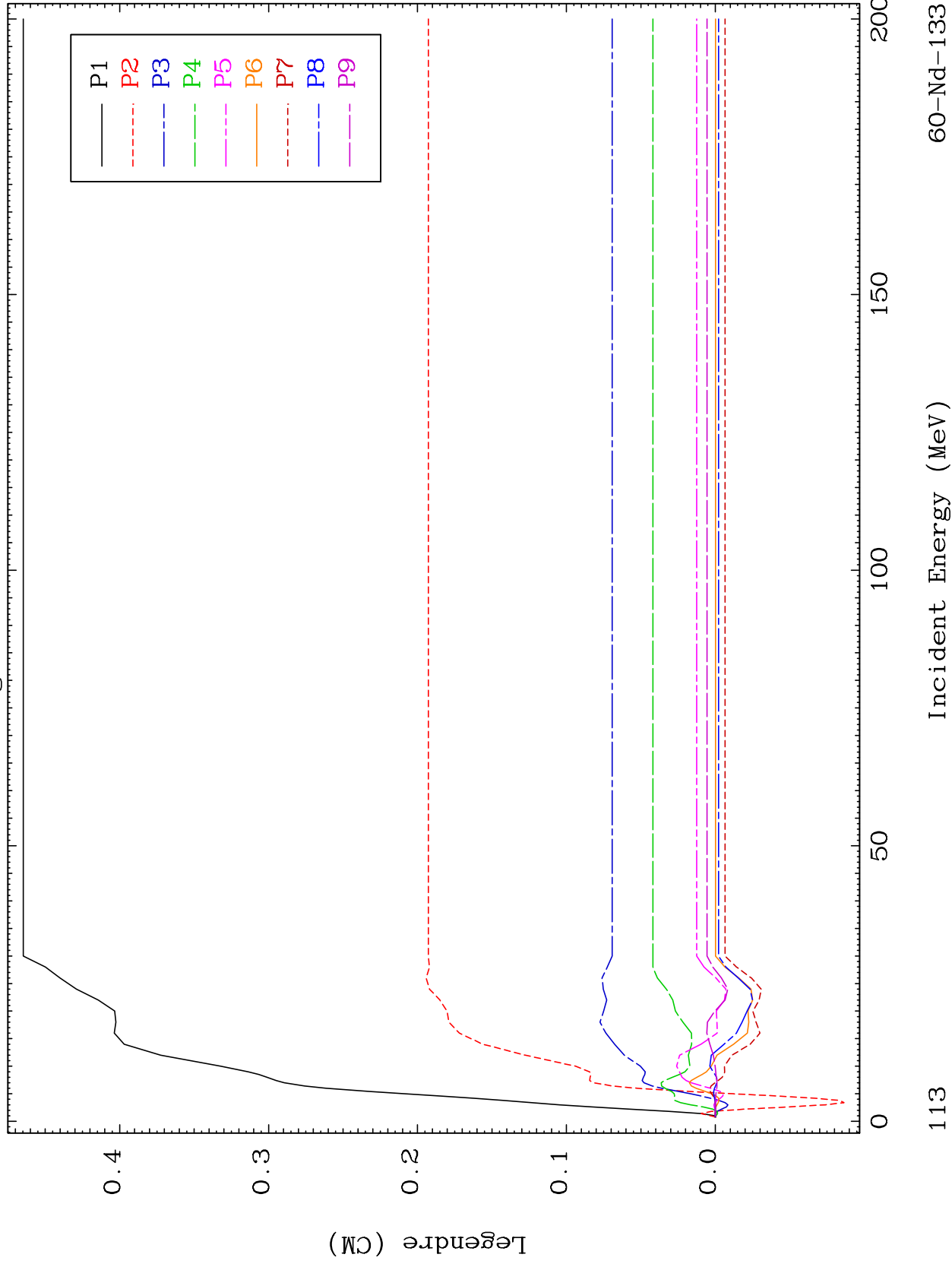
111



MAT 5998

687.8 keV (n,n') Level
Legendre Coefficients

60-Nd-133

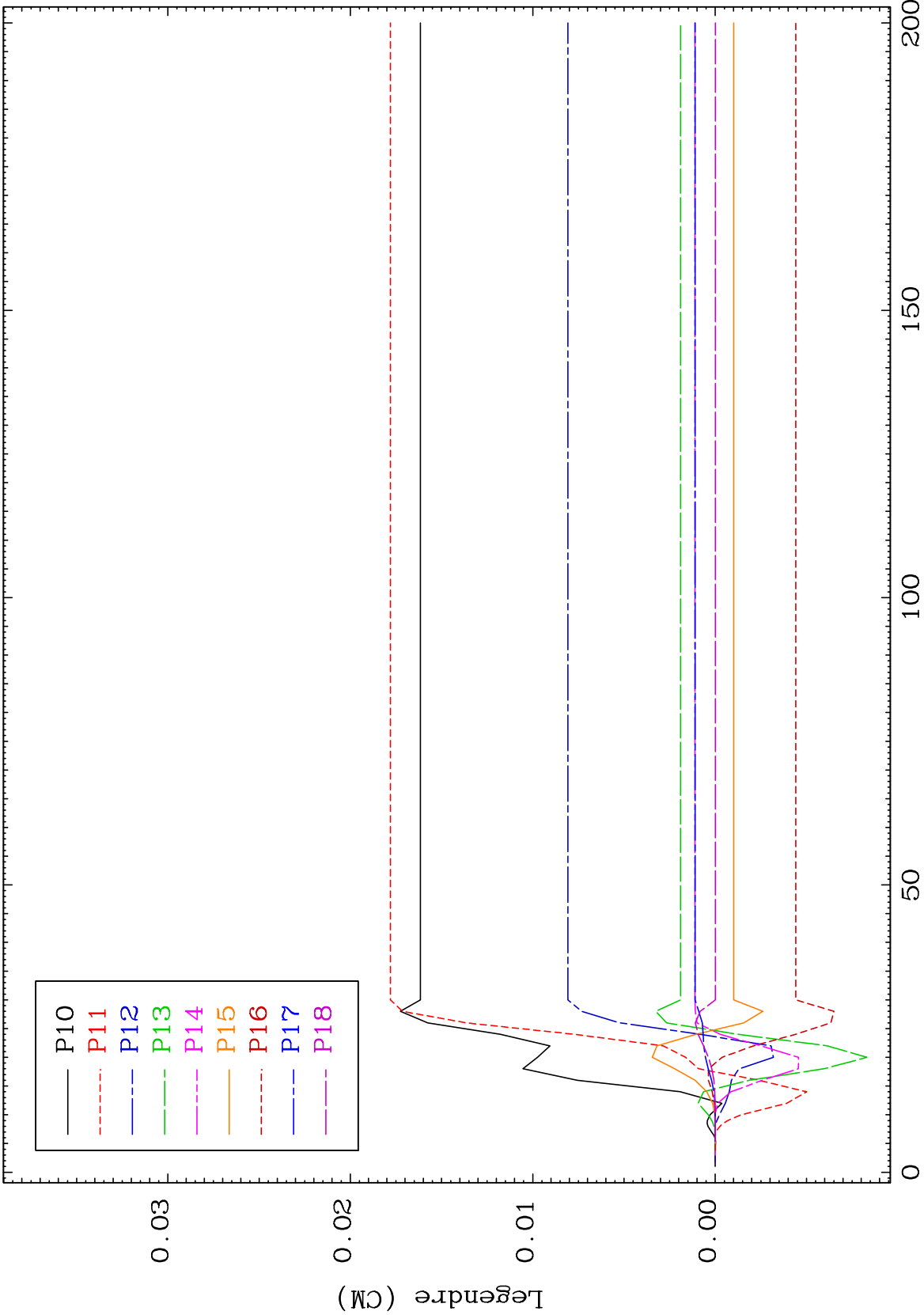


113

MAT 5998

687.8 keV (n, n') Level
Legendre Coefficients

60-Nd-133



114

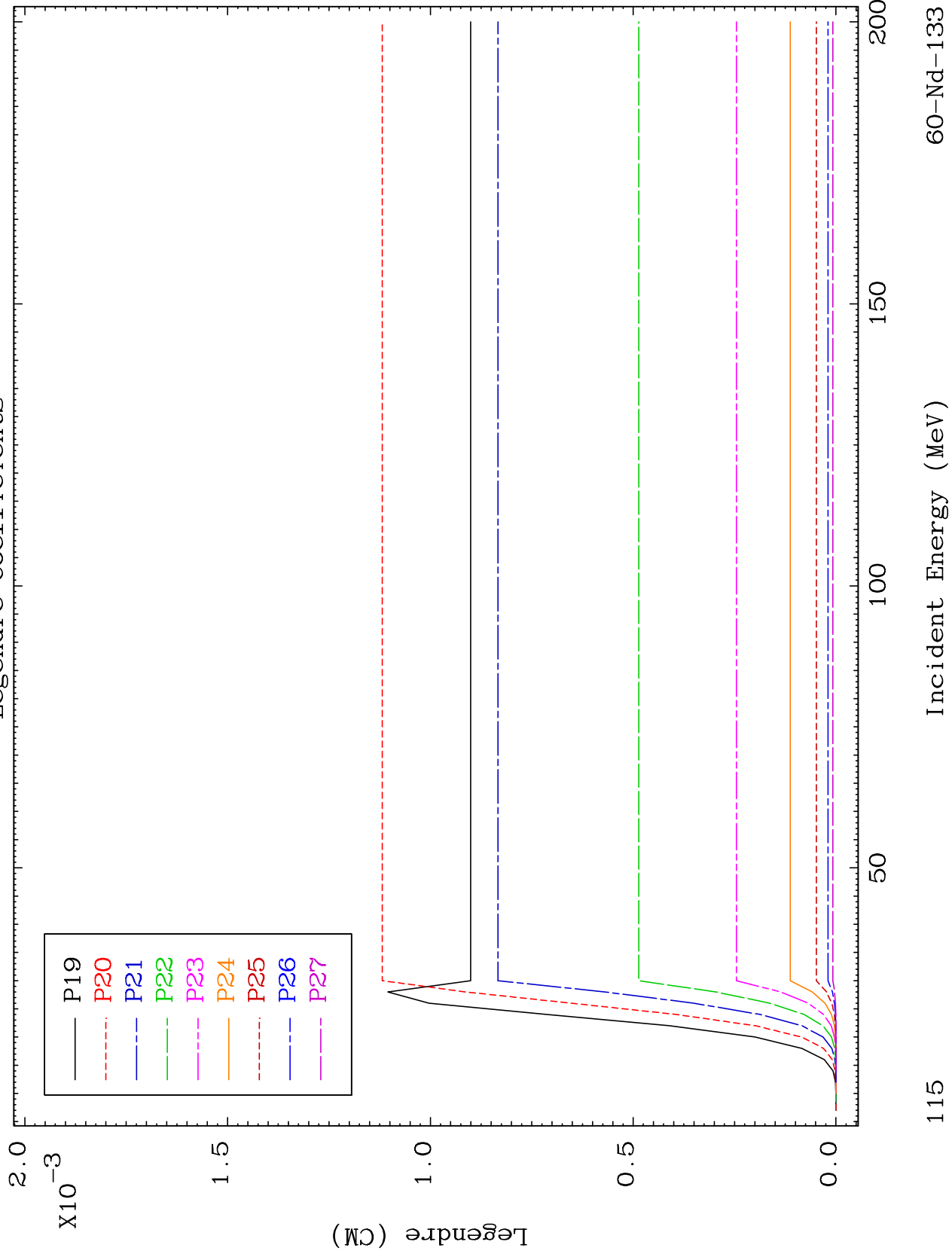
Incident Energy (MeV)

60-Nd-133

MAT 5998

687.8 keV (n,n') Level
Legendre Coefficients

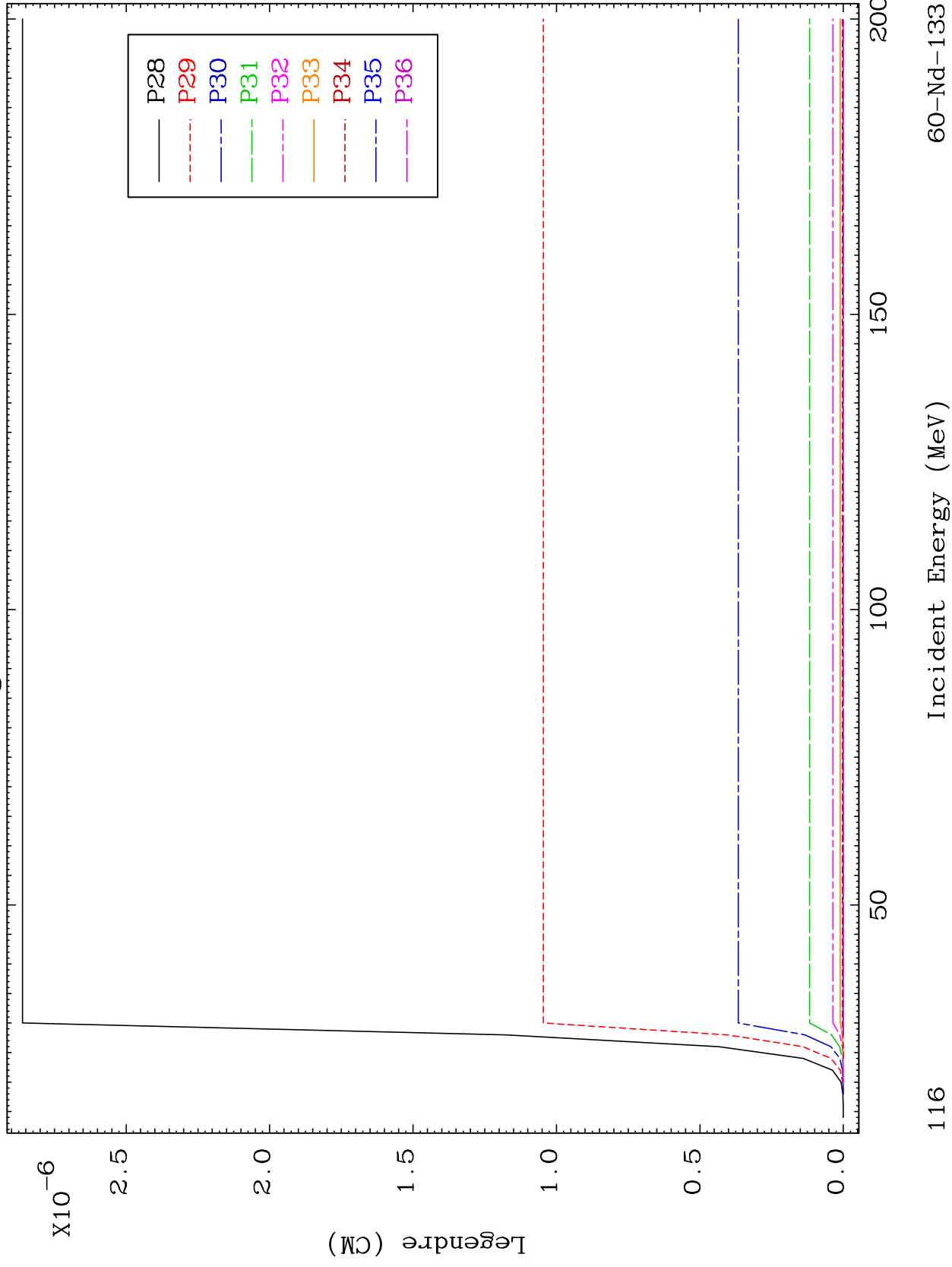
60-Nd-133



MAT 5998

687.8 keV (n,n') Level
Legendre Coefficients

60-Nd-133

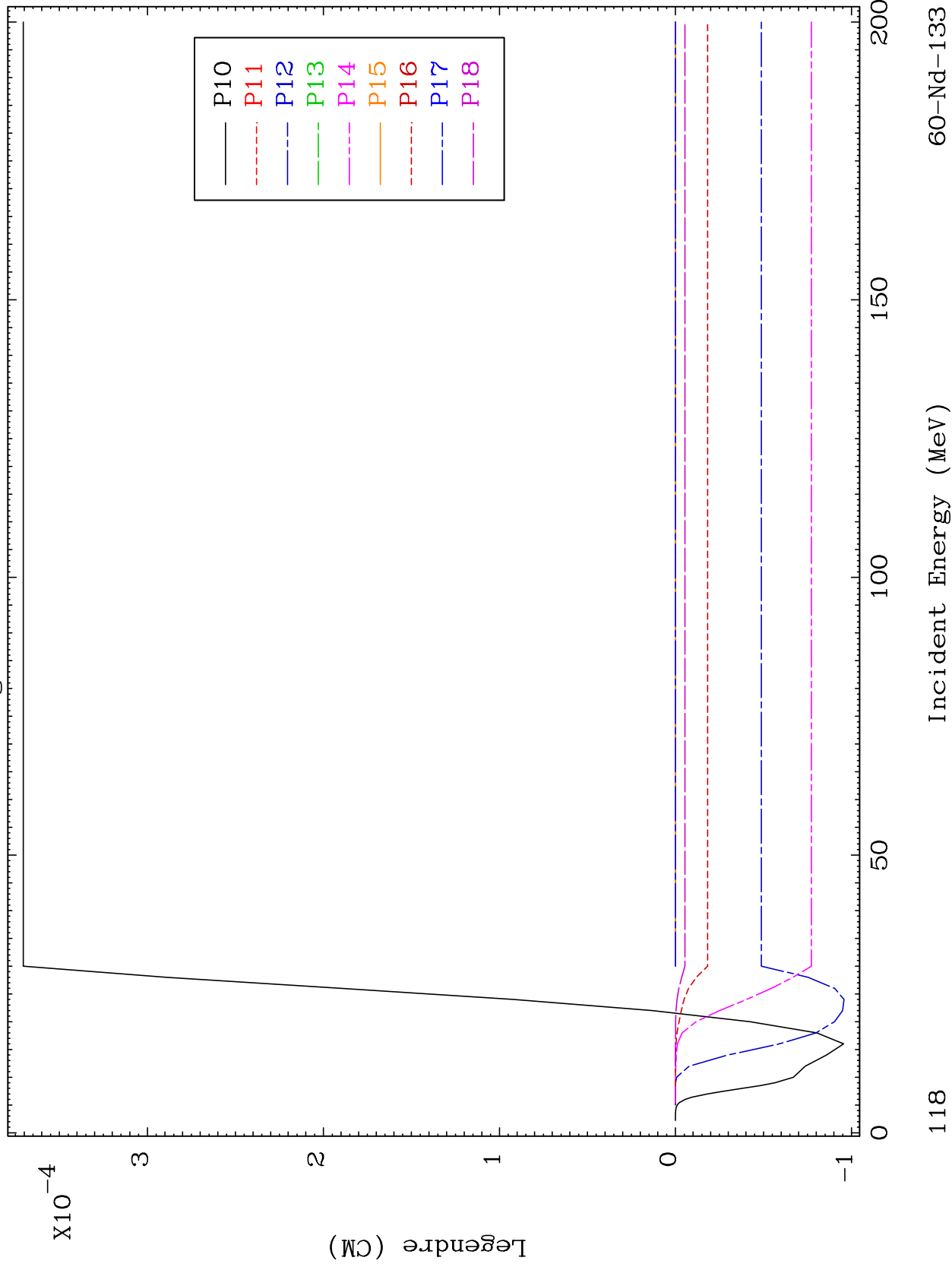


116

MAT 5998

738.8 keV (n,n') Level
Legendre Coefficients

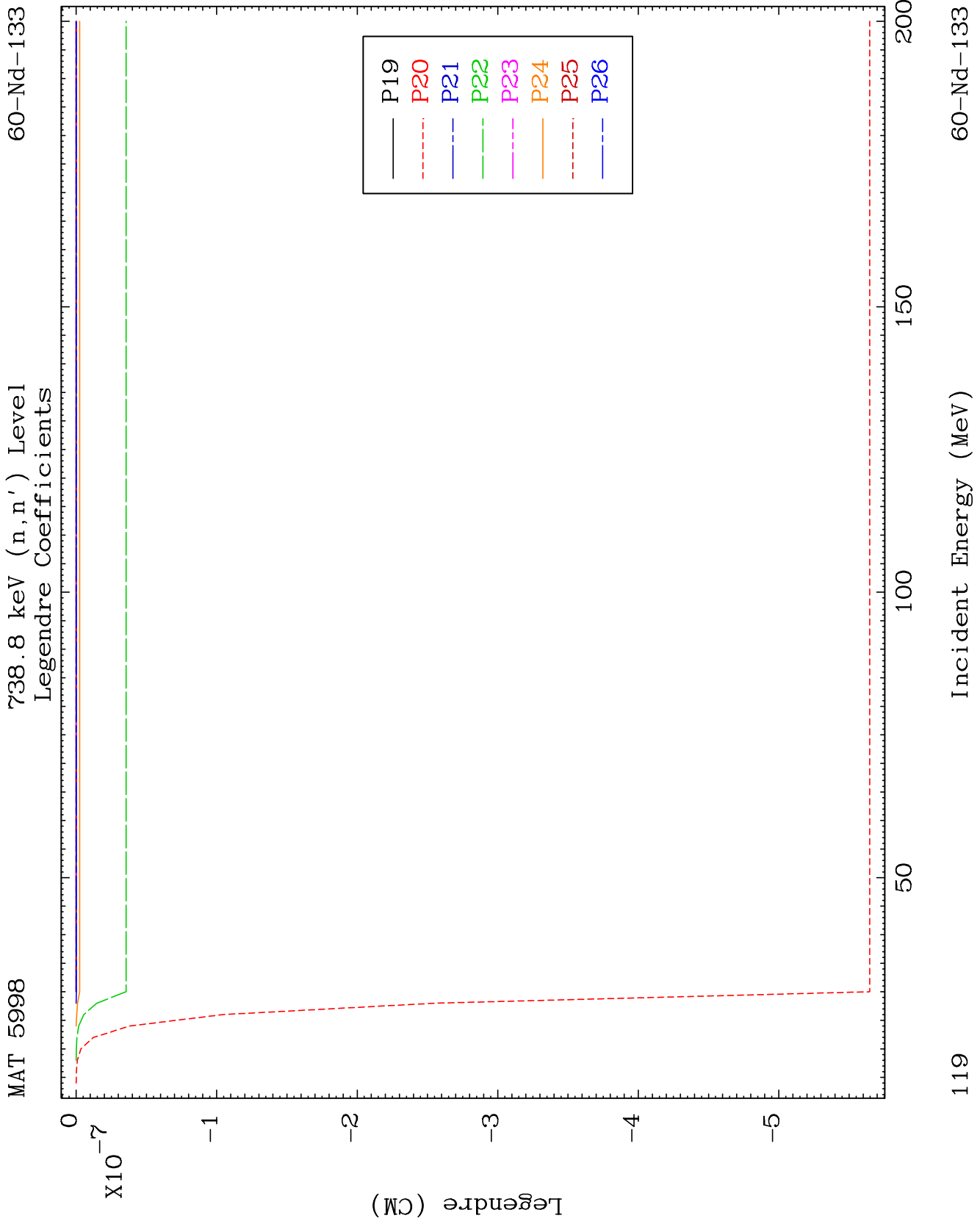
60-Nd-133

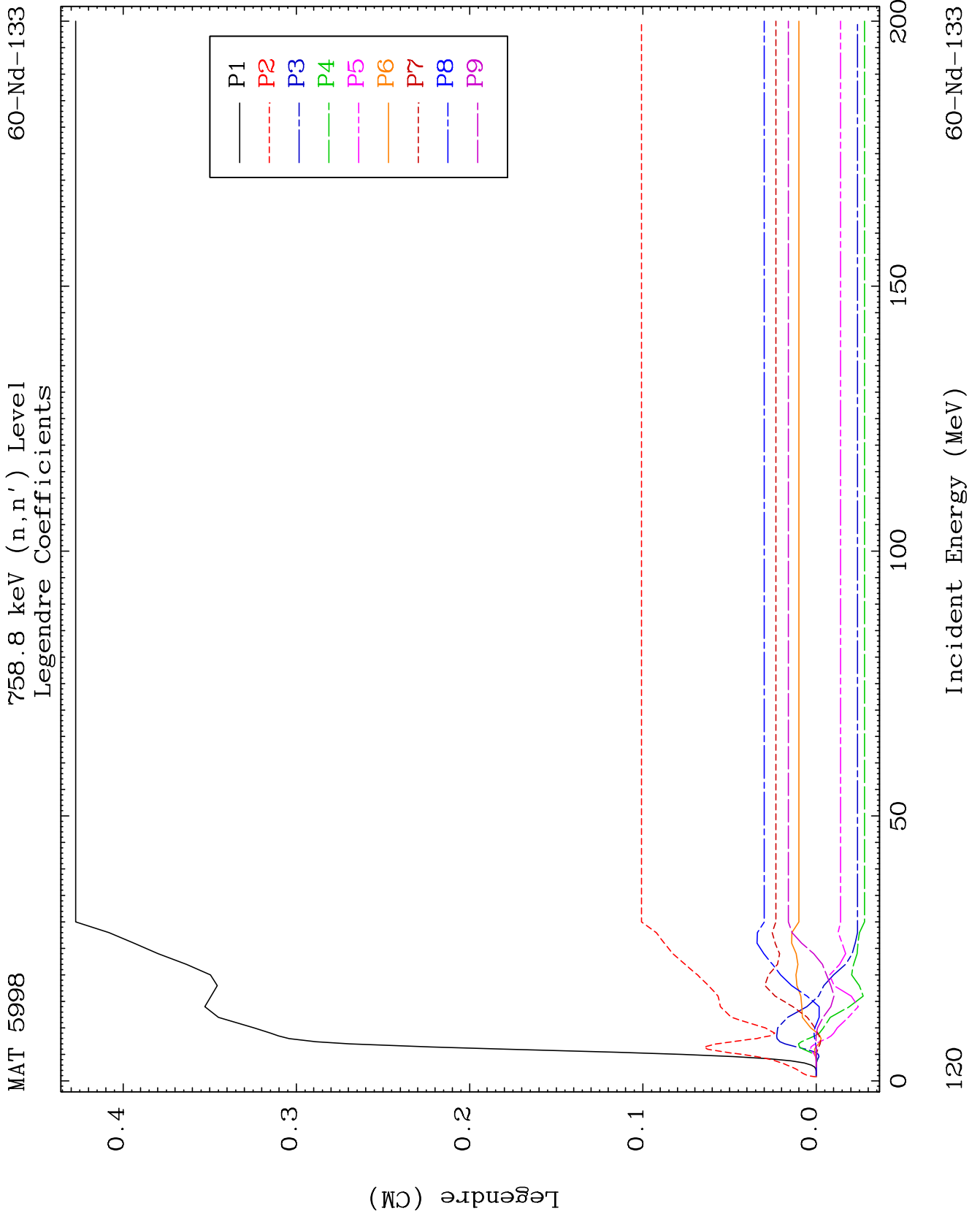


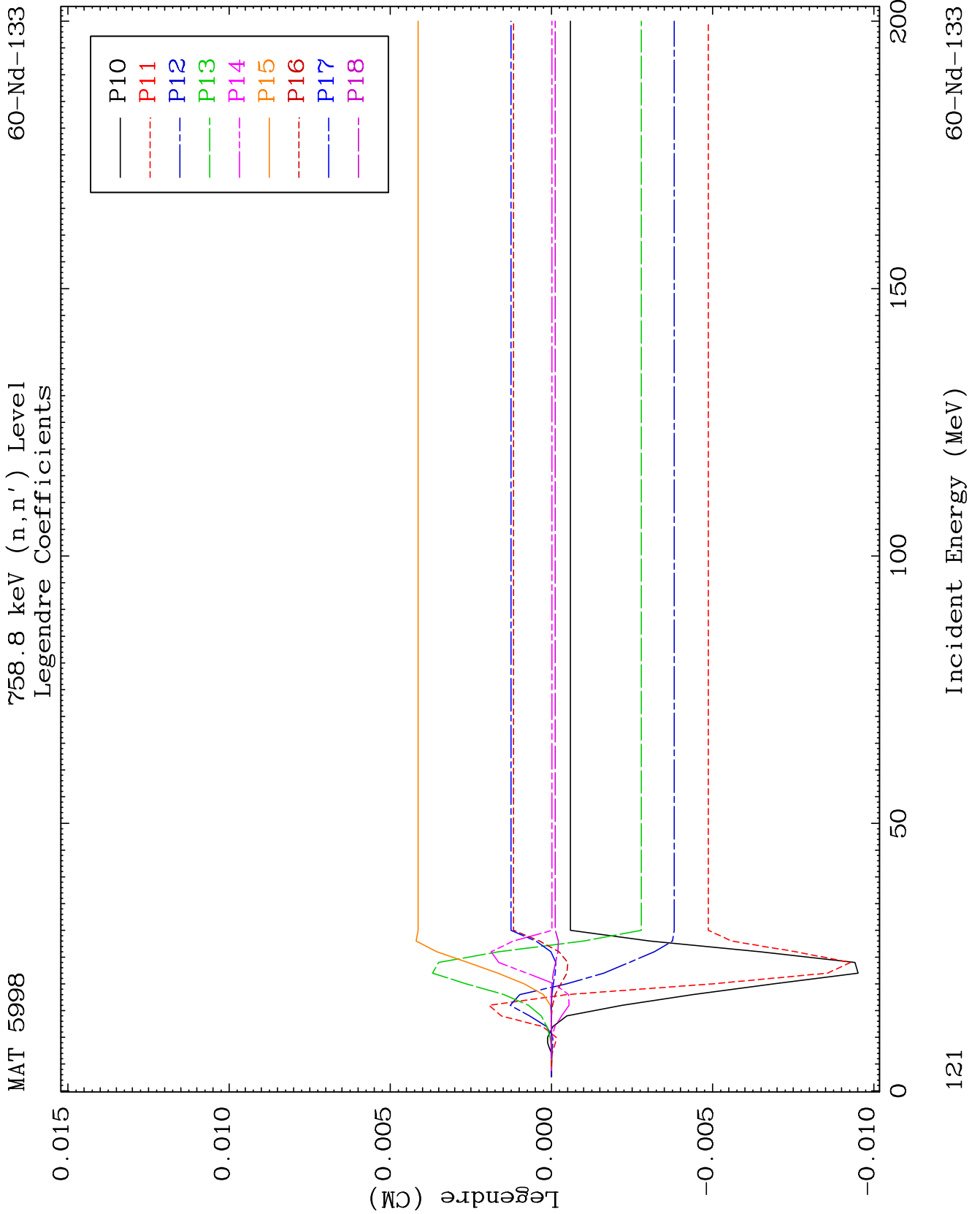
118

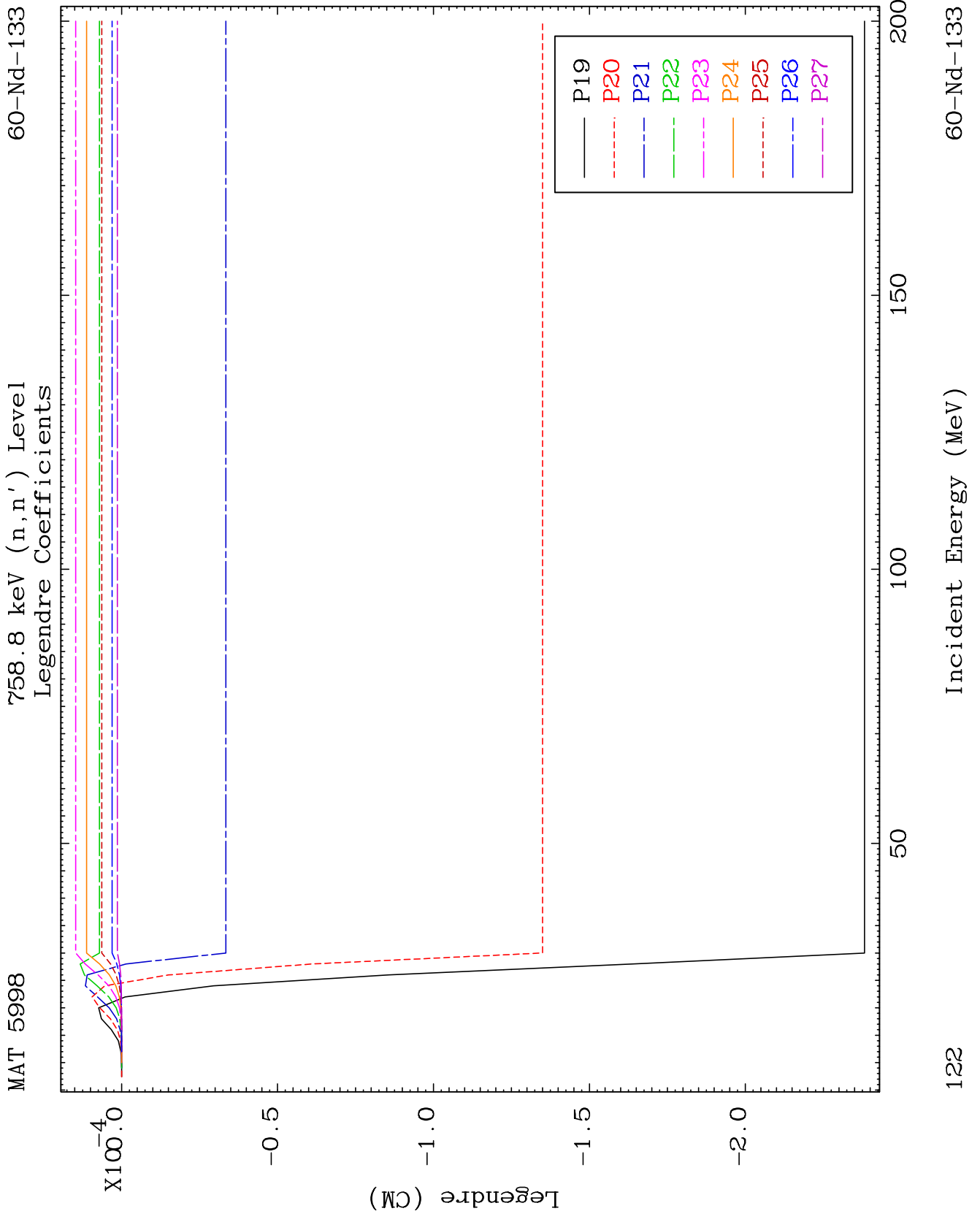
Incident Energy (MeV)

60-Nd-133





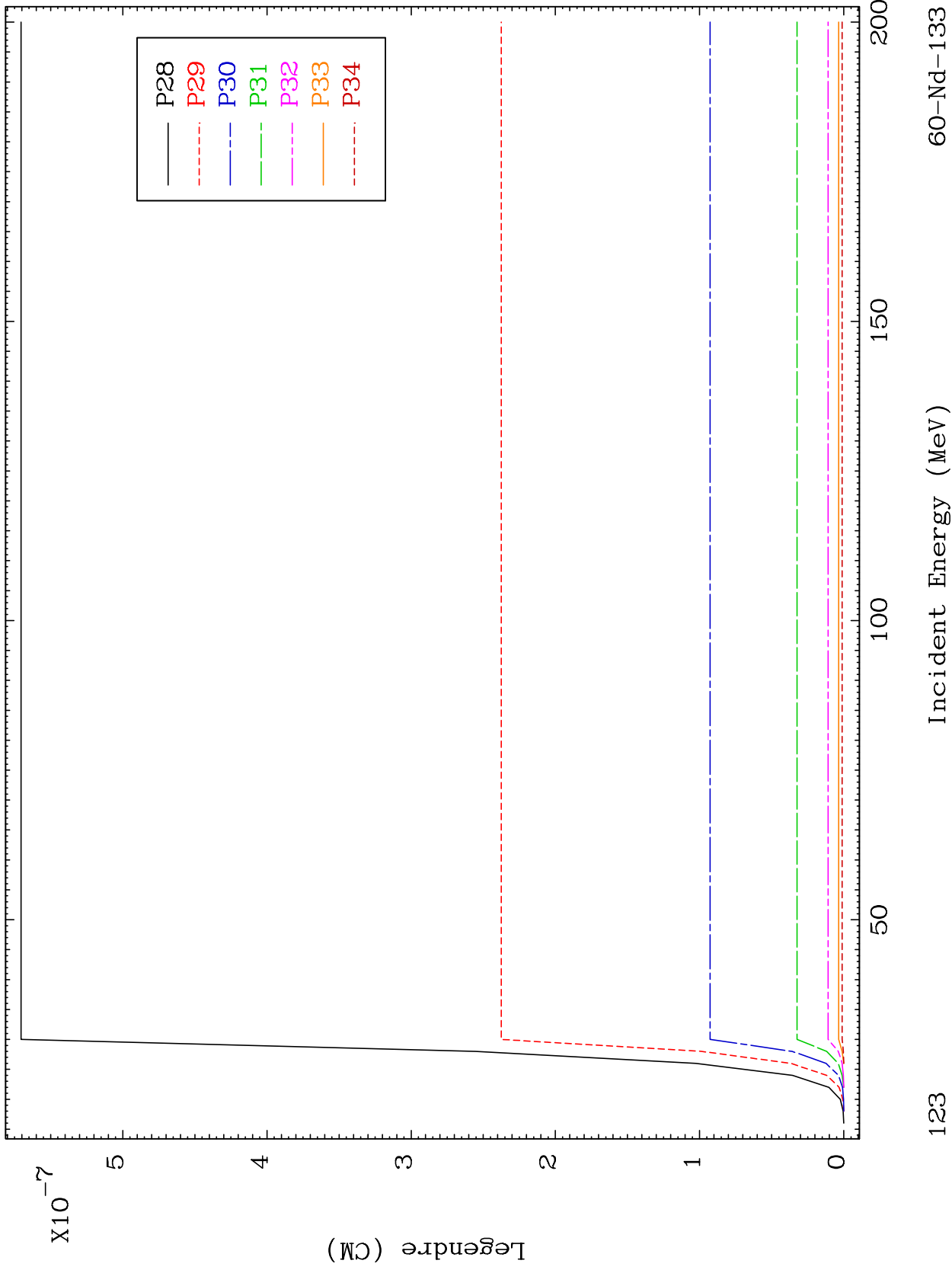




MAT 5998

758.8 keV (n,n') Level
Legendre Coefficients

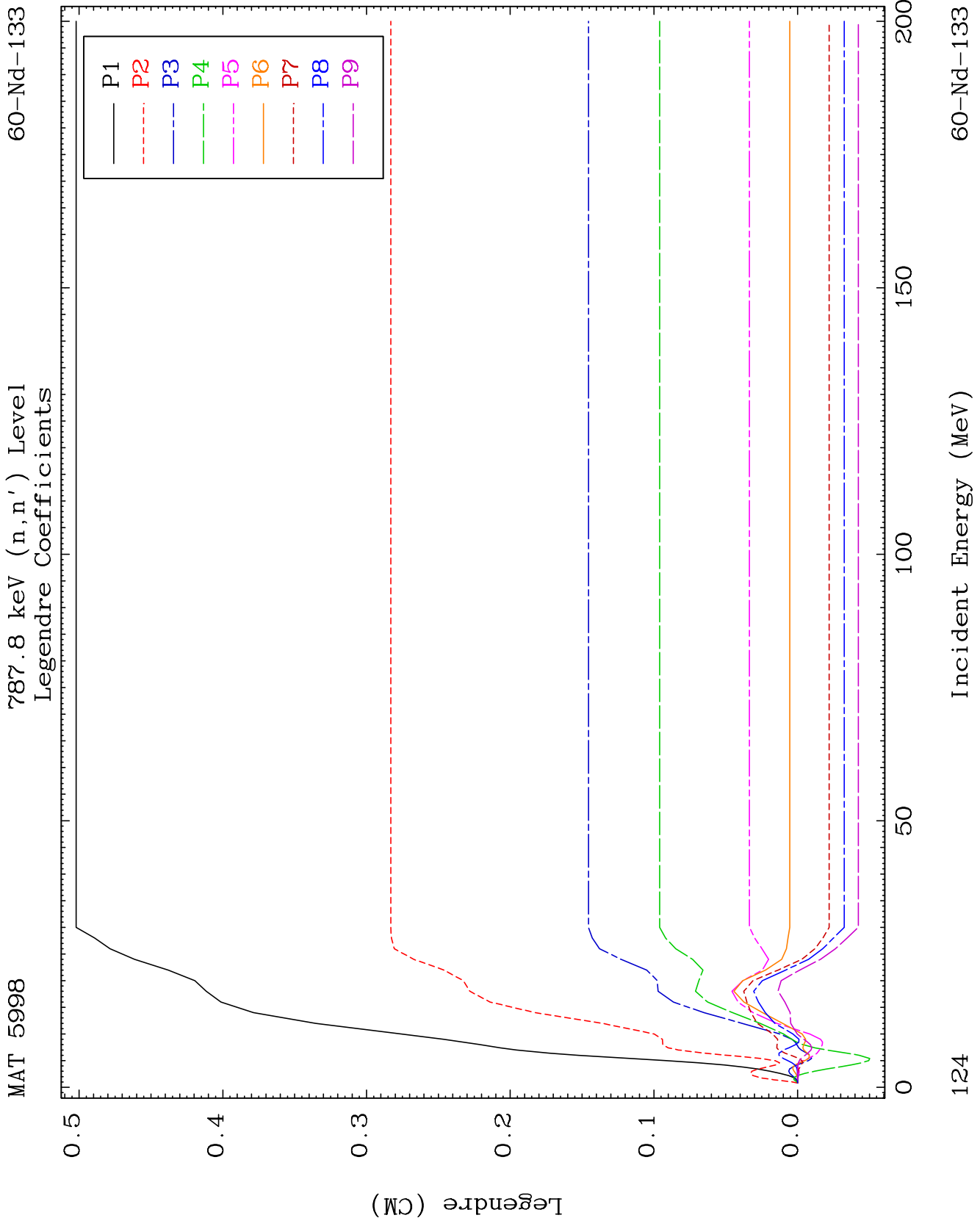
60-Nd-133

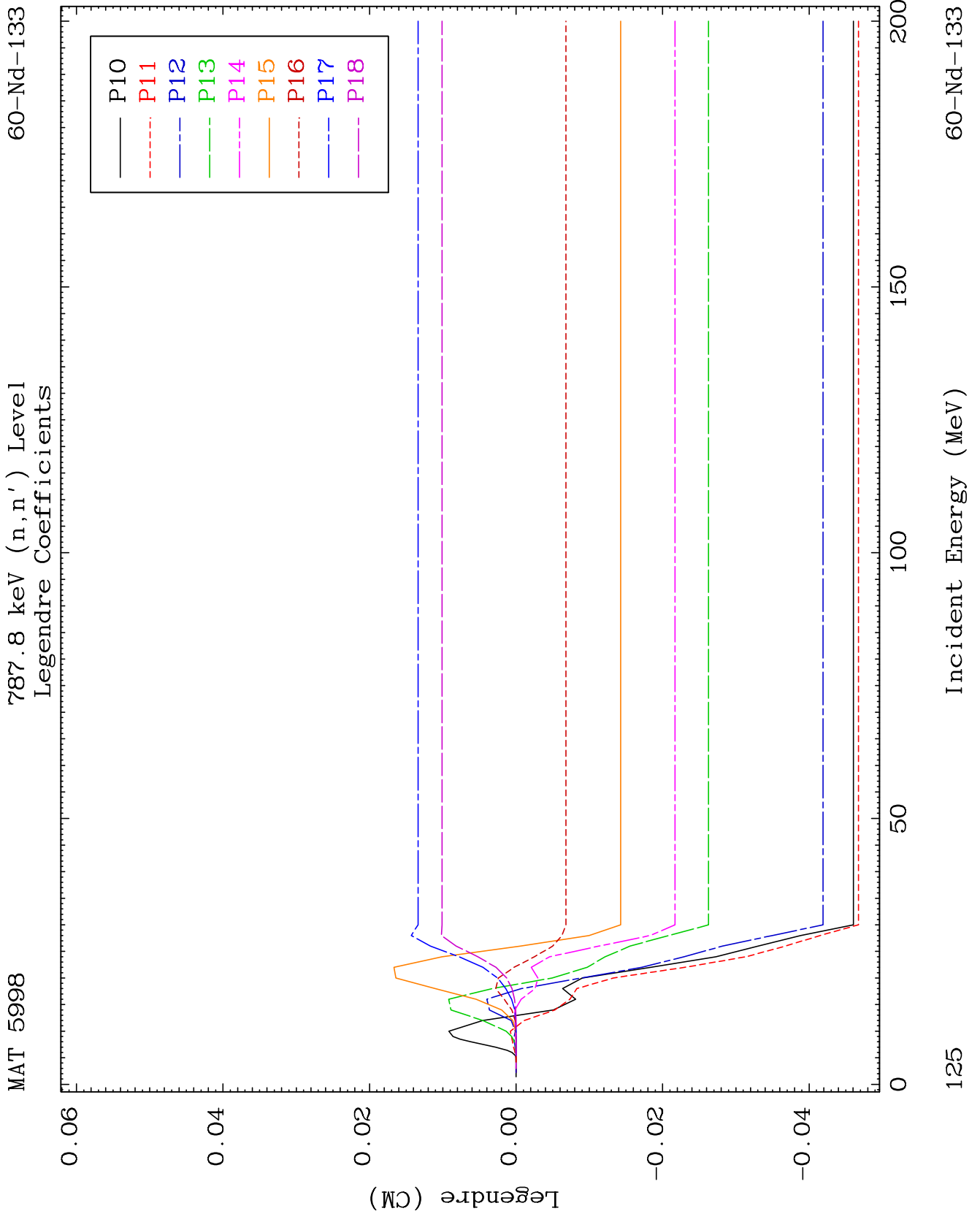


123

Incident Energy (MeV)

60-Nd-133

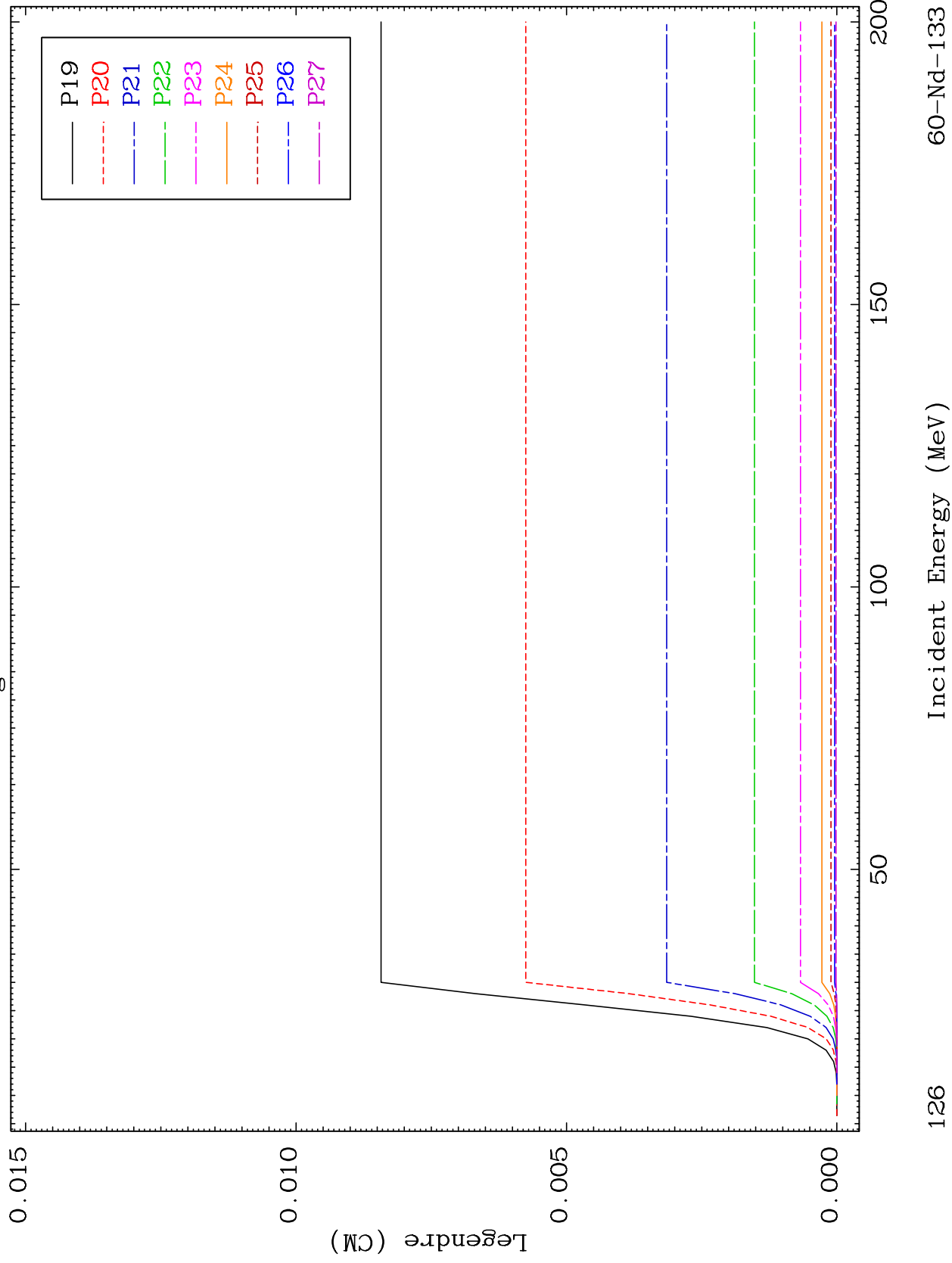




MAT 5998

787.8 keV (n,n') Level
Legendre Coefficients

60-Nd-133



126

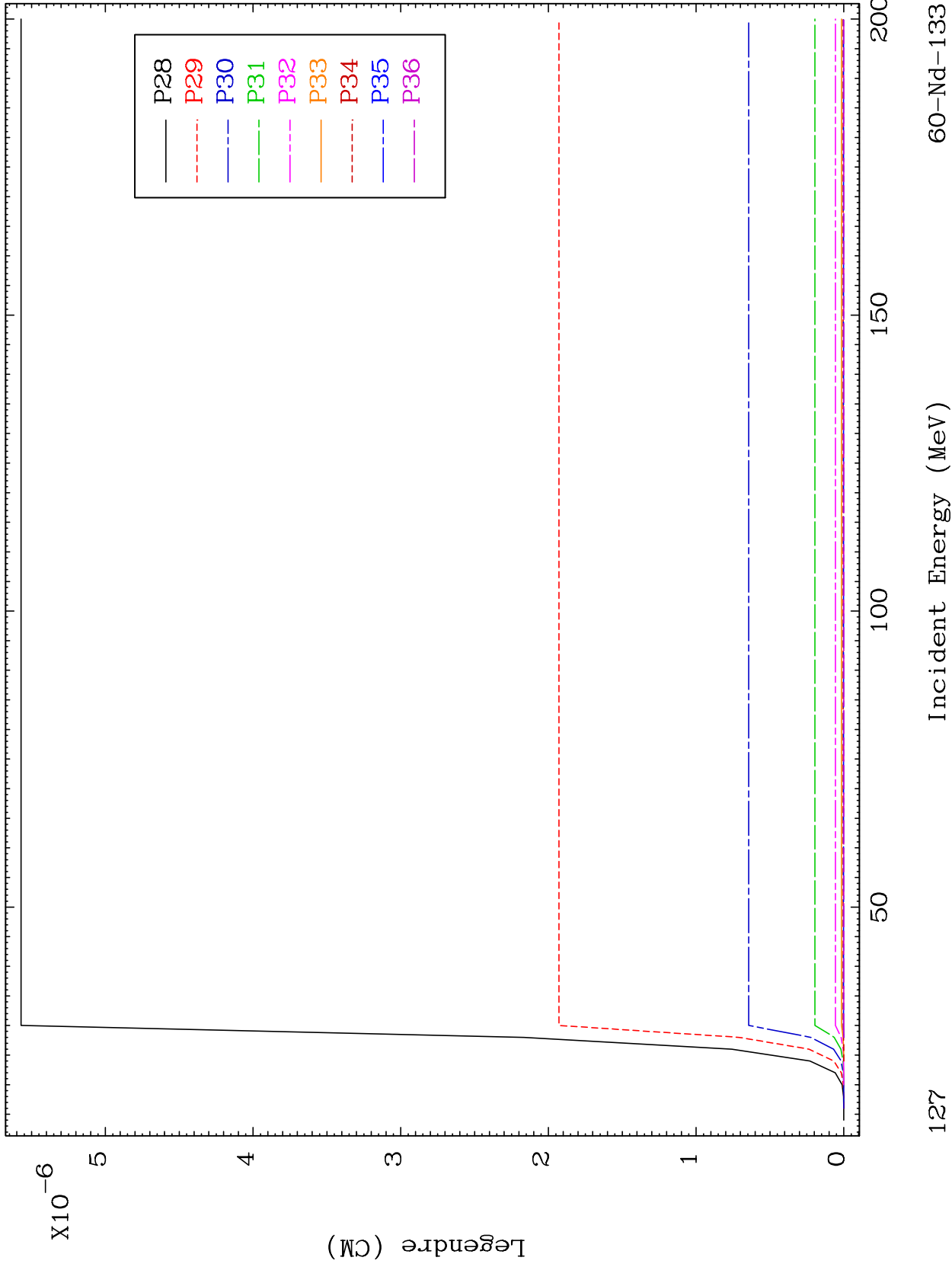
Incident Energy (MeV)

60-Nd-133

MAT 5998

787.8 keV (n,n') Level
Legendre Coefficients

60-Nd-133



127

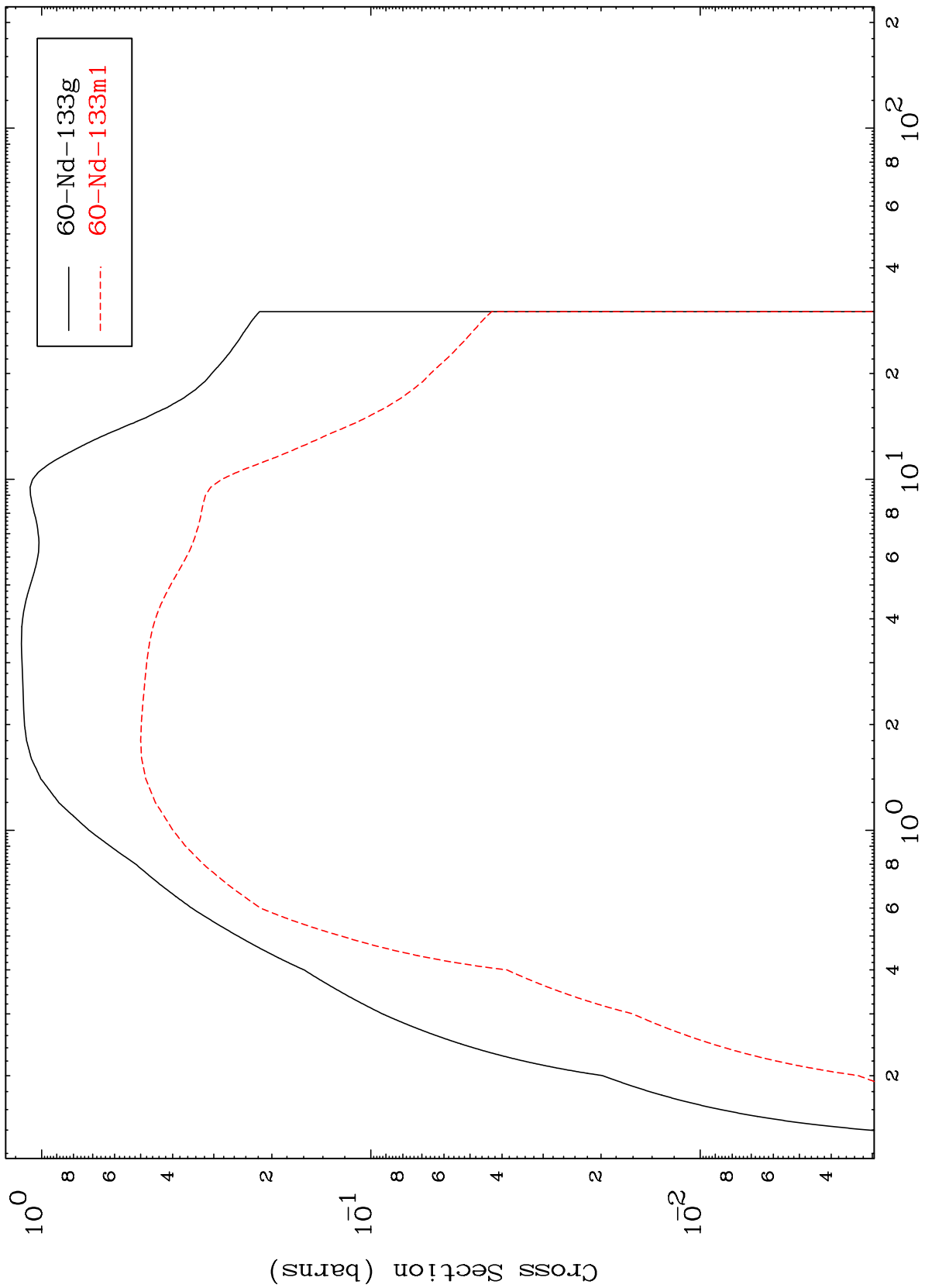
Incident Energy (MeV)

60-Nd-133

MAT 5998

60-Nd-133

Inelastic
Radionuclide Production Cross Section



128

60-Nd-133

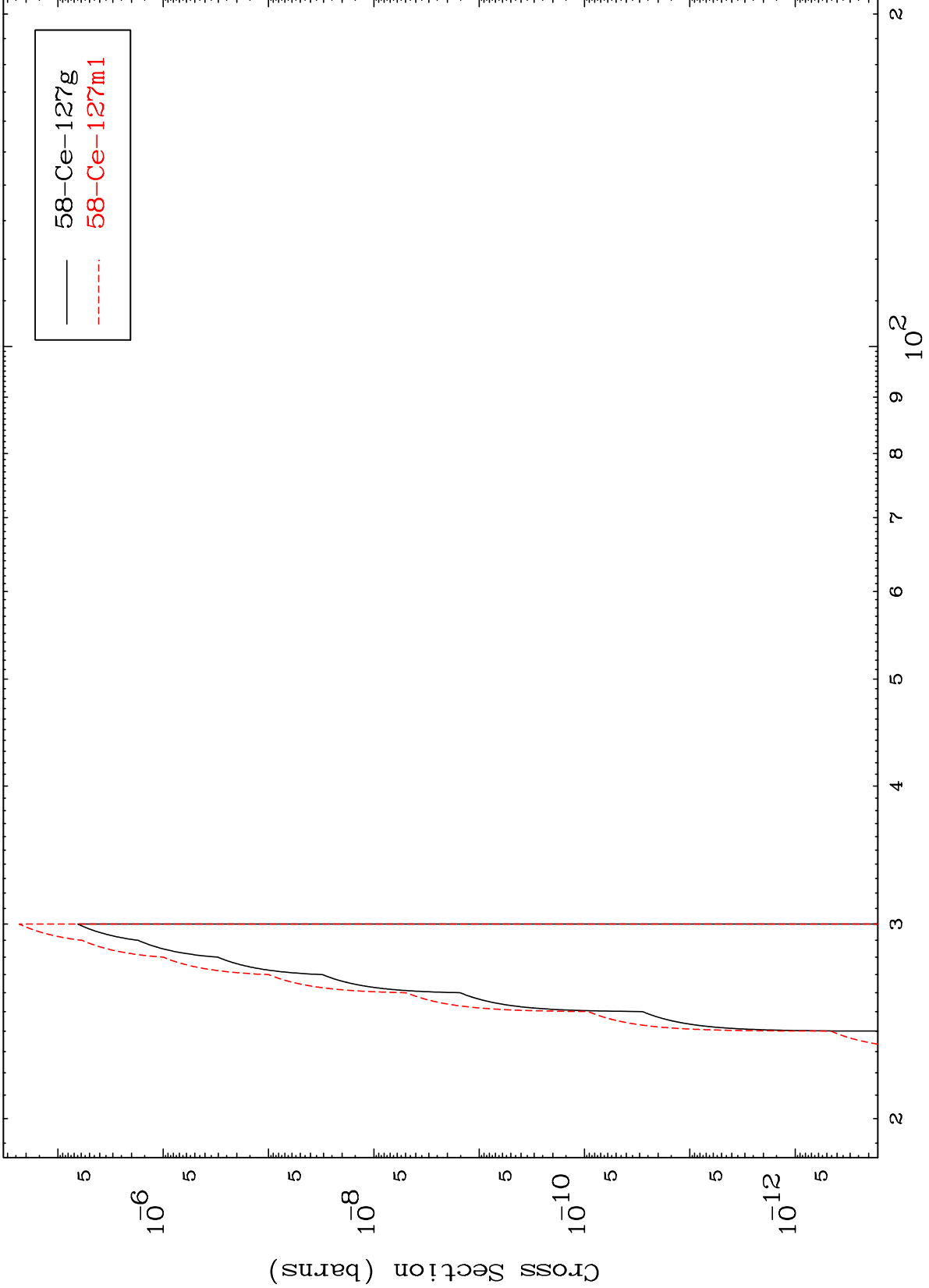
Incident Energy (MeV)

MAT 5998

(n,3n) α

60-Nd-133

Radionuclide Production Cross Section



129

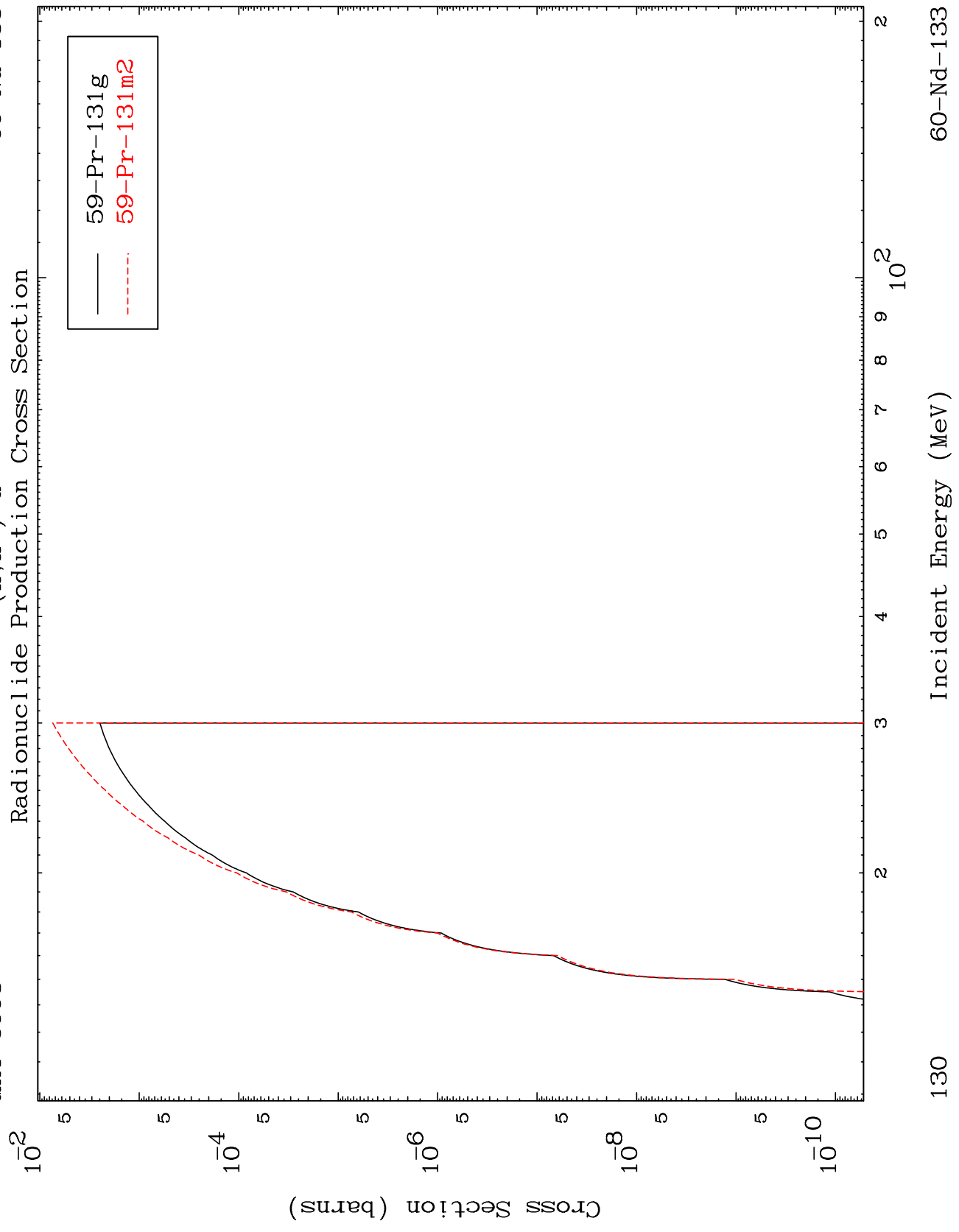
Incident Energy (MeV)

60-Nd-133

MAT 5998

(n,n') d

60-Nd-133



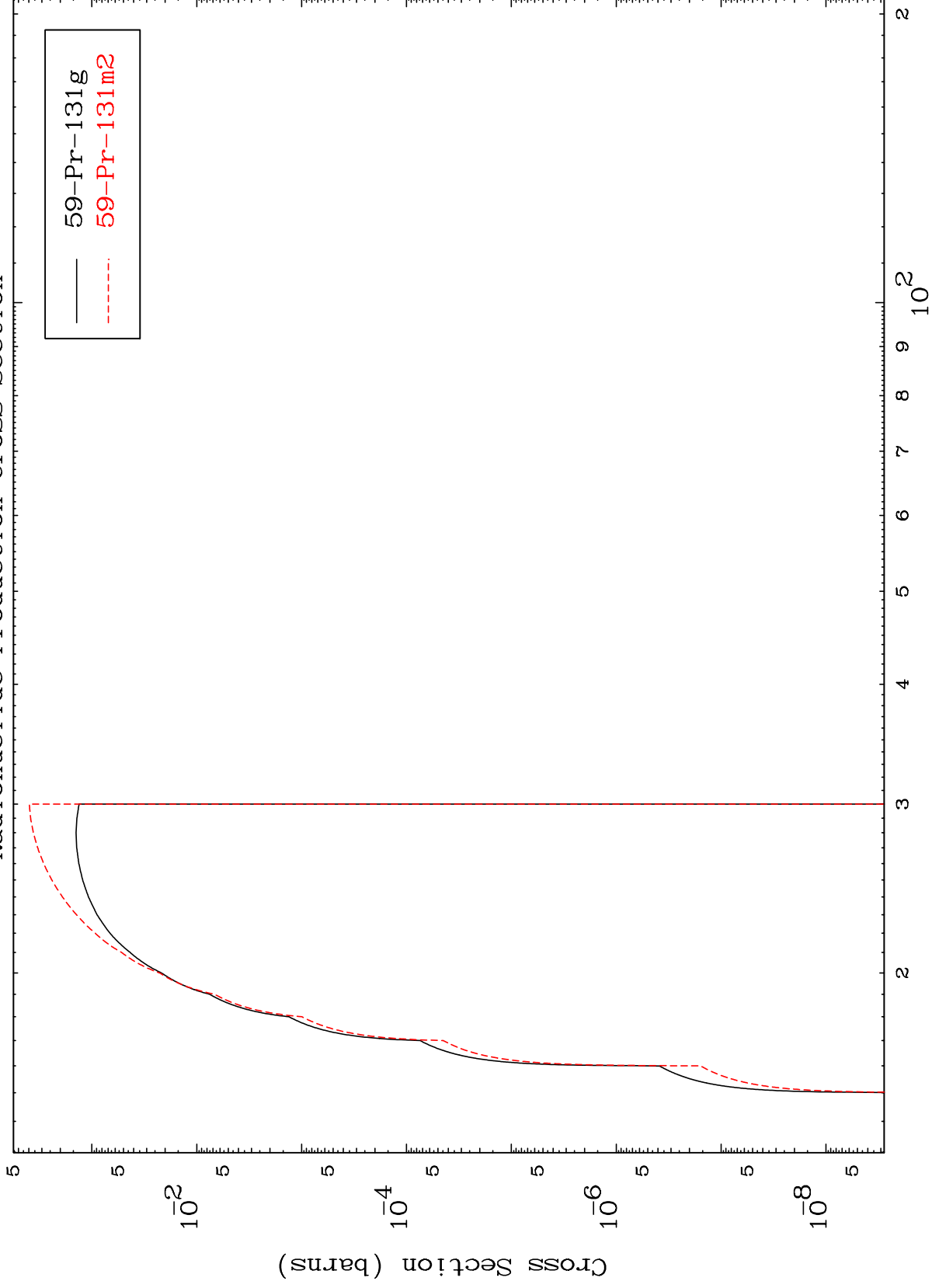
130

MAT 5998

(n,2n) p

60-Nd-133

Radionuclide Production Cross Section



131

Incident Energy (MeV)

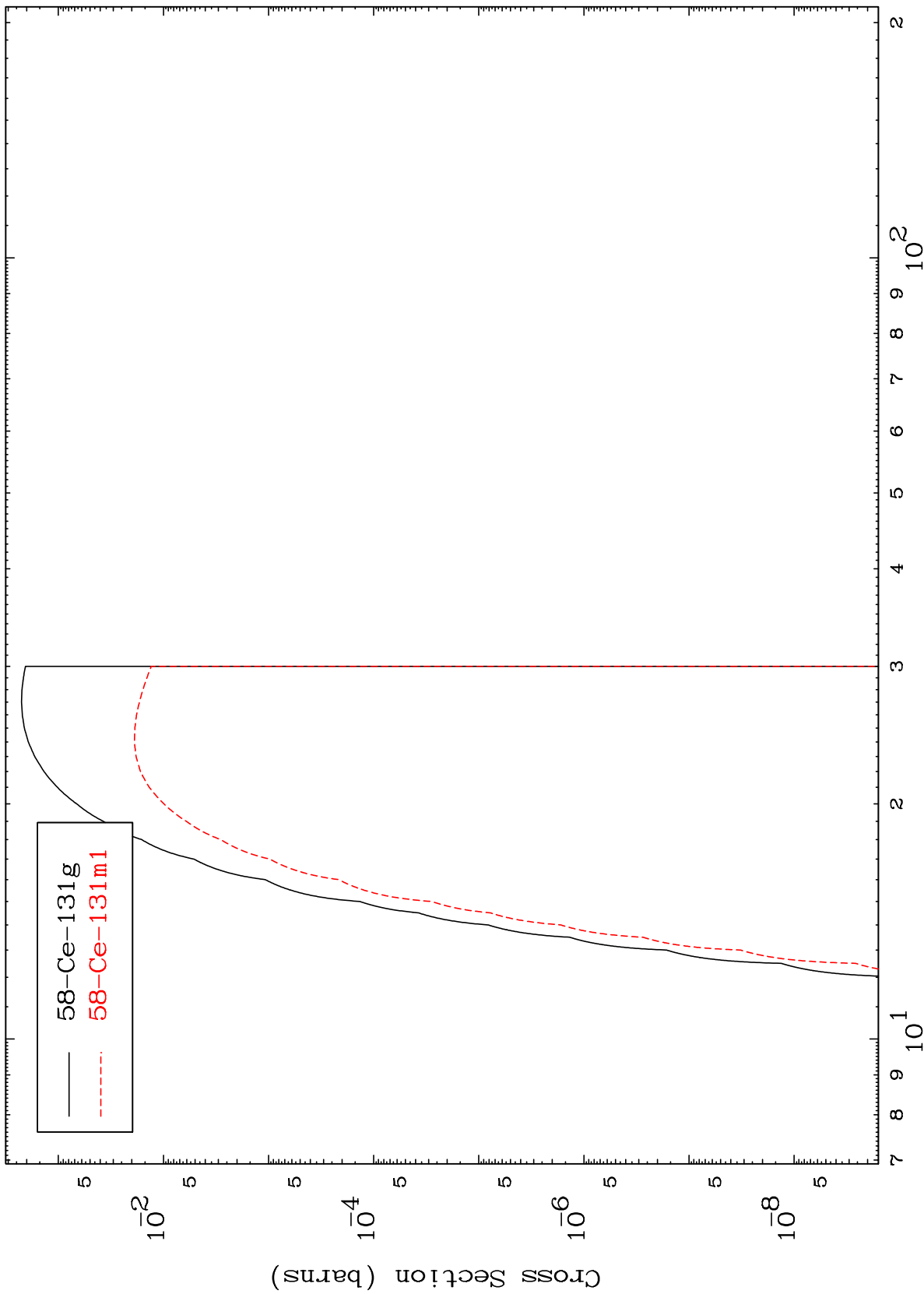
60-Nd-133

MAT 5998

(n,2n) p

60-Nd-133

Radionuclide Production Cross Section



132

Incident Energy (MeV)

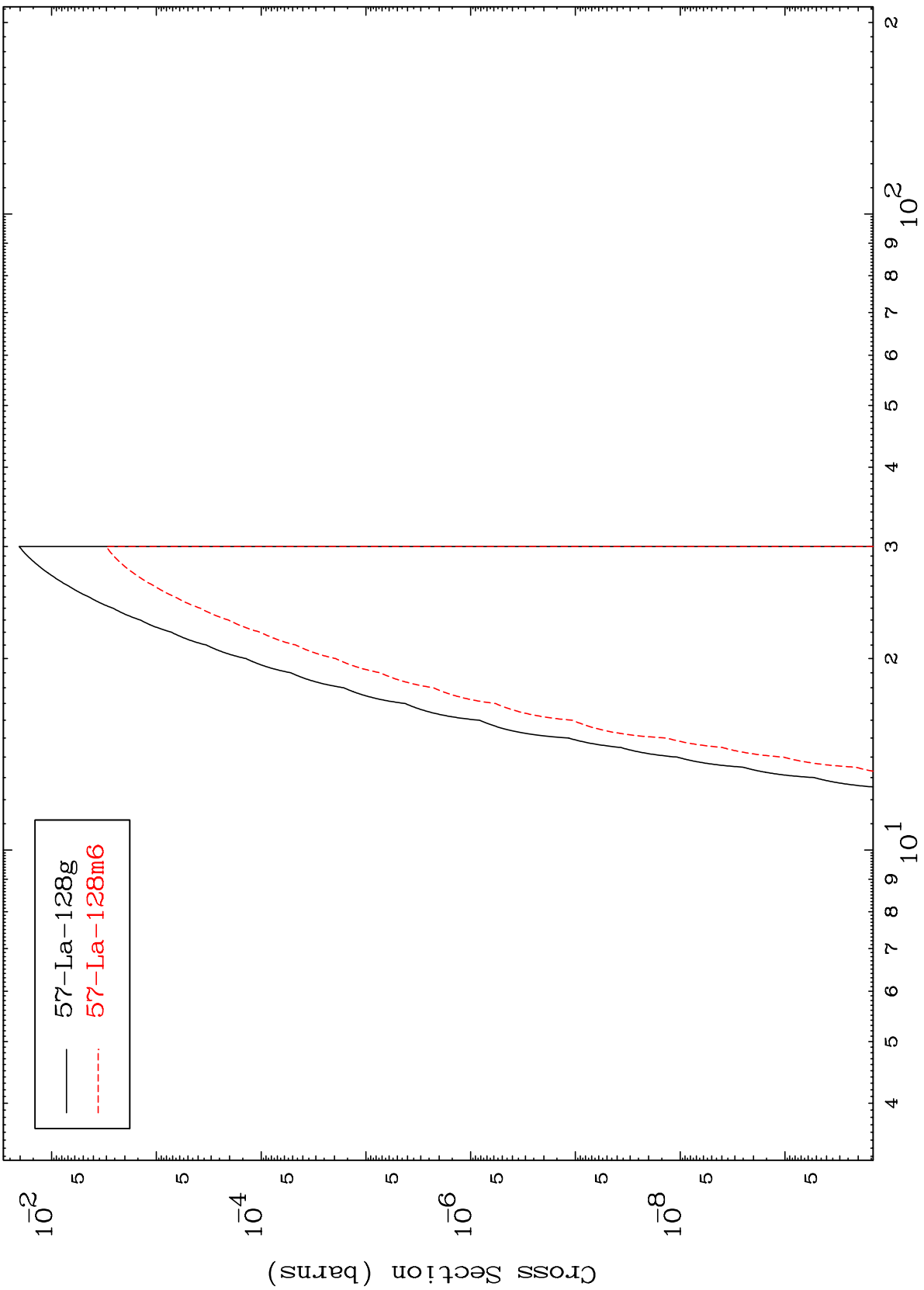
60-Nd-133

MAT 5998

(n,n') p α

60-Nd-133

Radionuclide Production Cross Section



57-La-128g
57-La-128m6

133

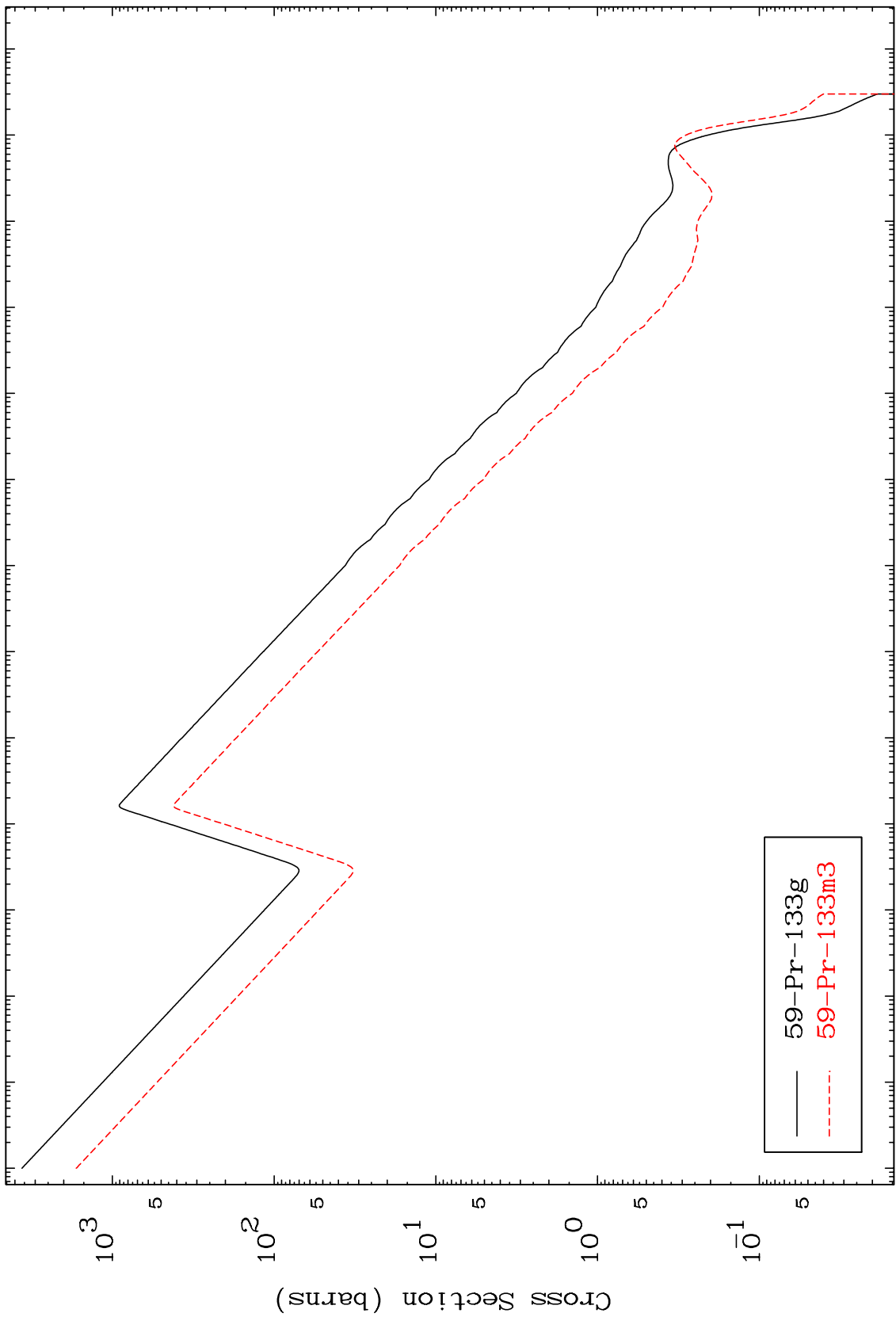
Incident Energy (MeV)

60-Nd-133

MAT 5998

60-Nd-133

(n,p)
Radionuclide Production Cross Section



— 59-Pr-133g
- - - 59-Pr-133m3

134

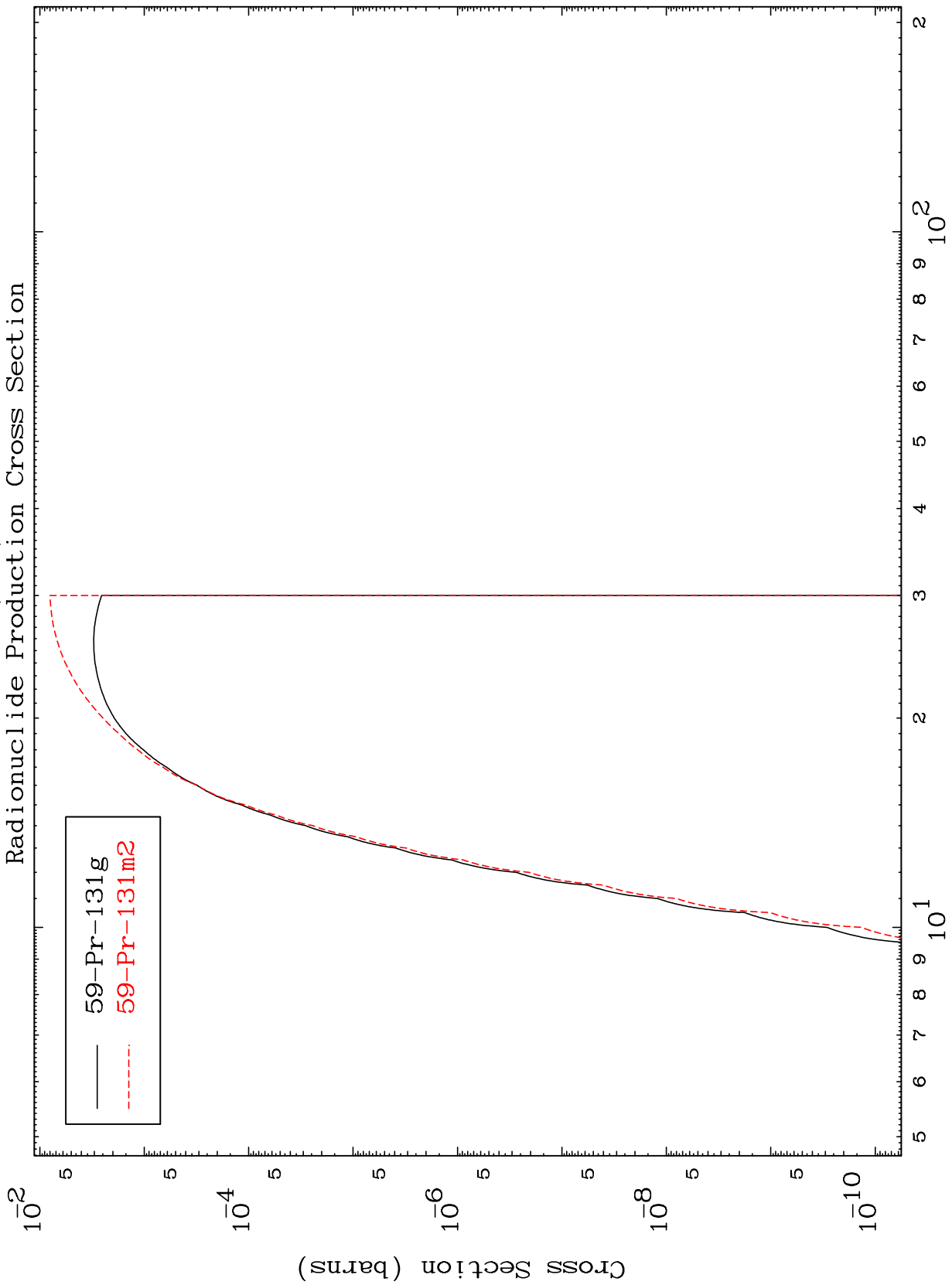
60-Nd-133

Incident Energy (MeV)

MAT 5998

60-Nd-133

(n,t)
Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

60-Nd-133

Incident Energy (MeV)

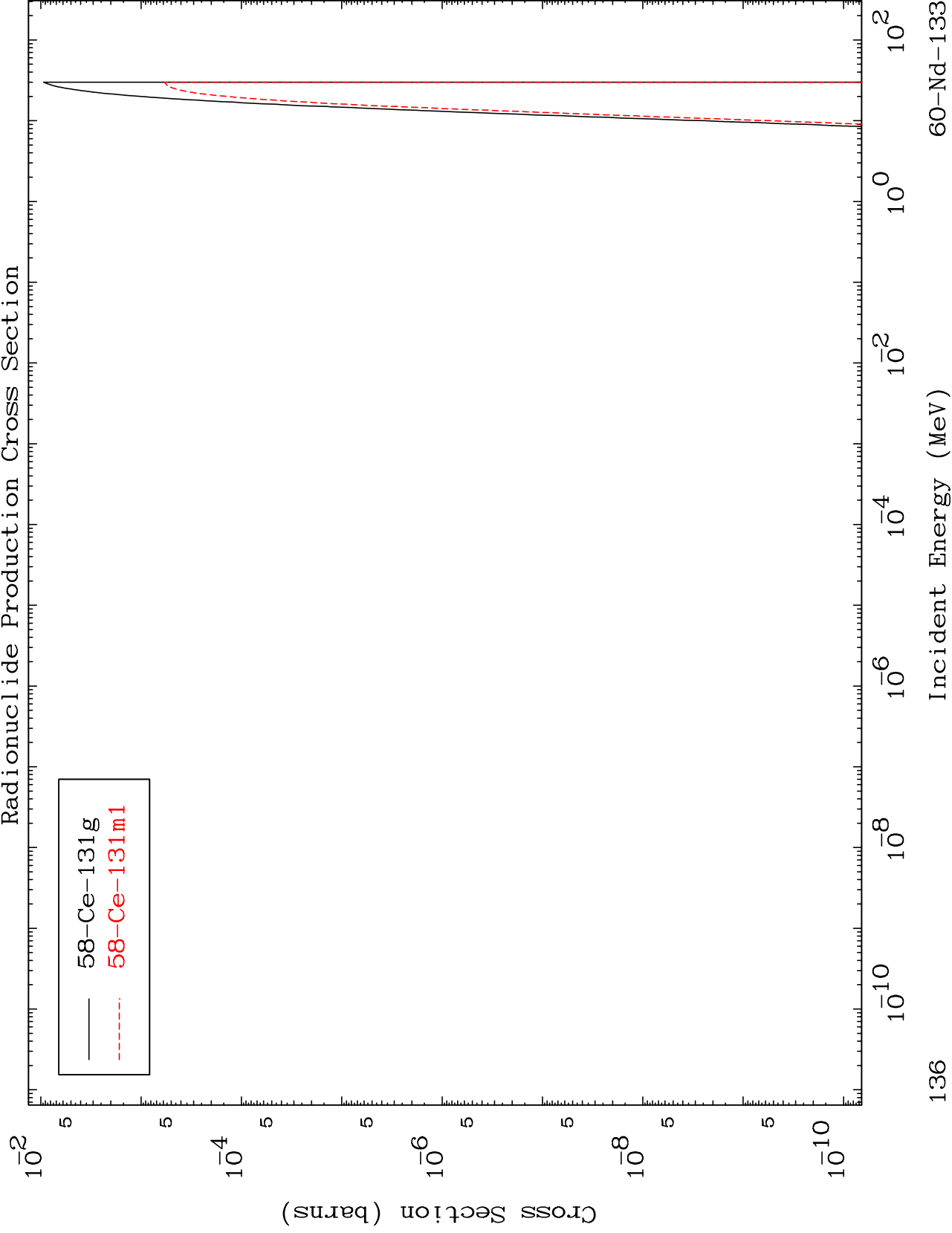
135

MAT 5998

(n,He-3)

60-Nd-133

Radionuclide Production Cross Section



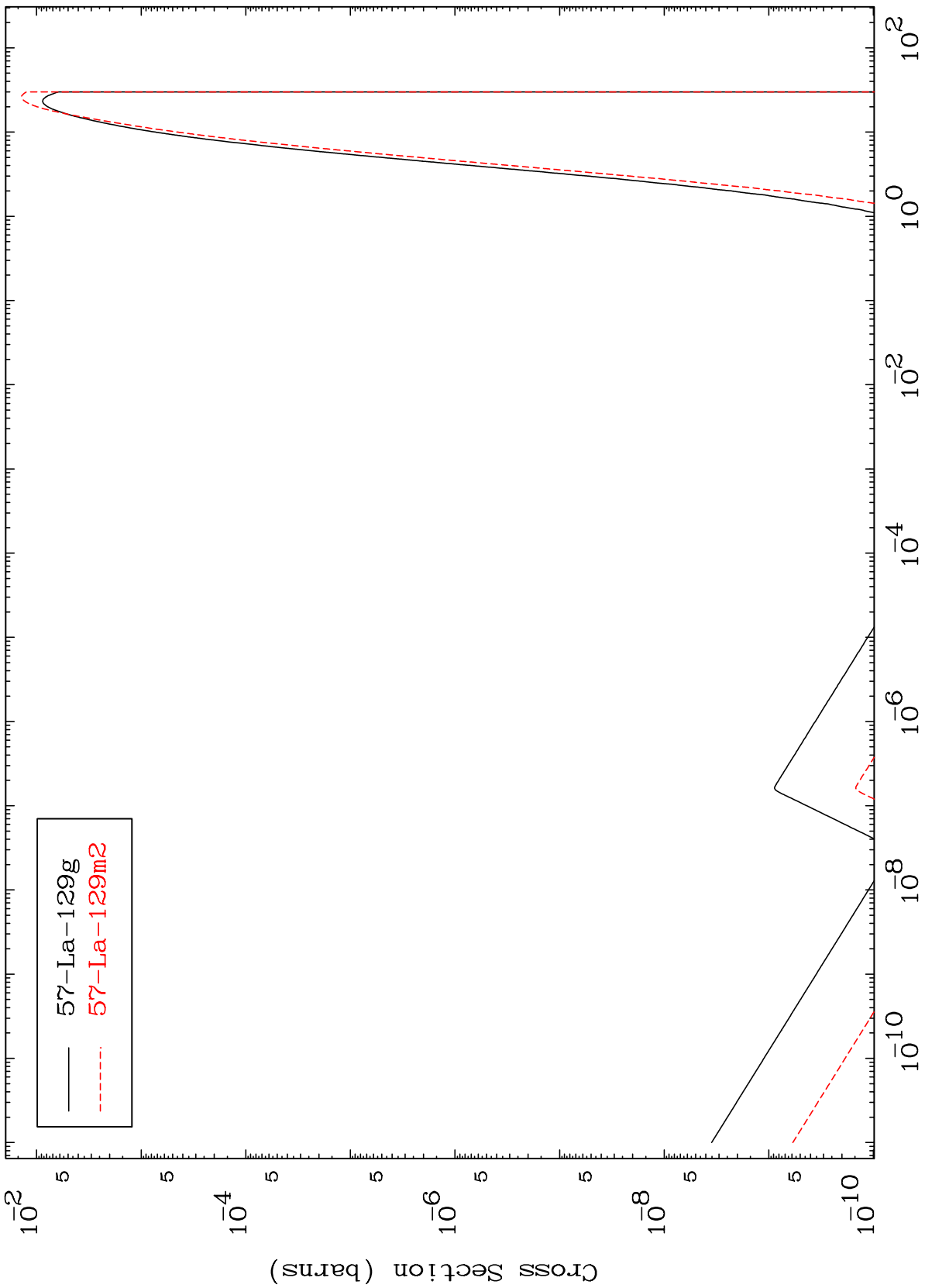
136

MAT 5998

(n,p) α

60-Nd-133

Radionuclide Production Cross Section



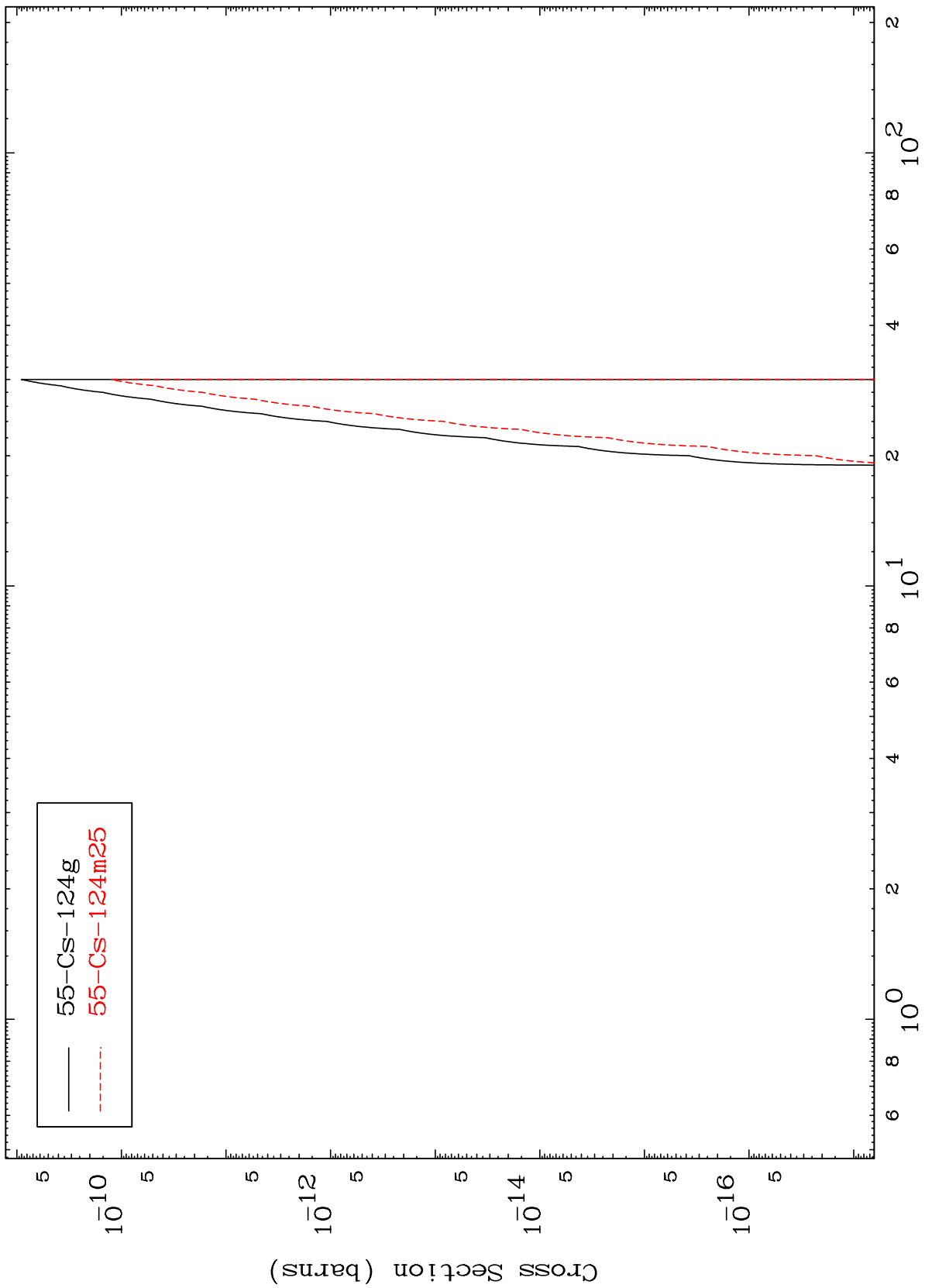
— 57-La-129g
- - - 57-La-129m2

MAT 5998

(n,d) 2 α

60-Nd-133

Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m25

138

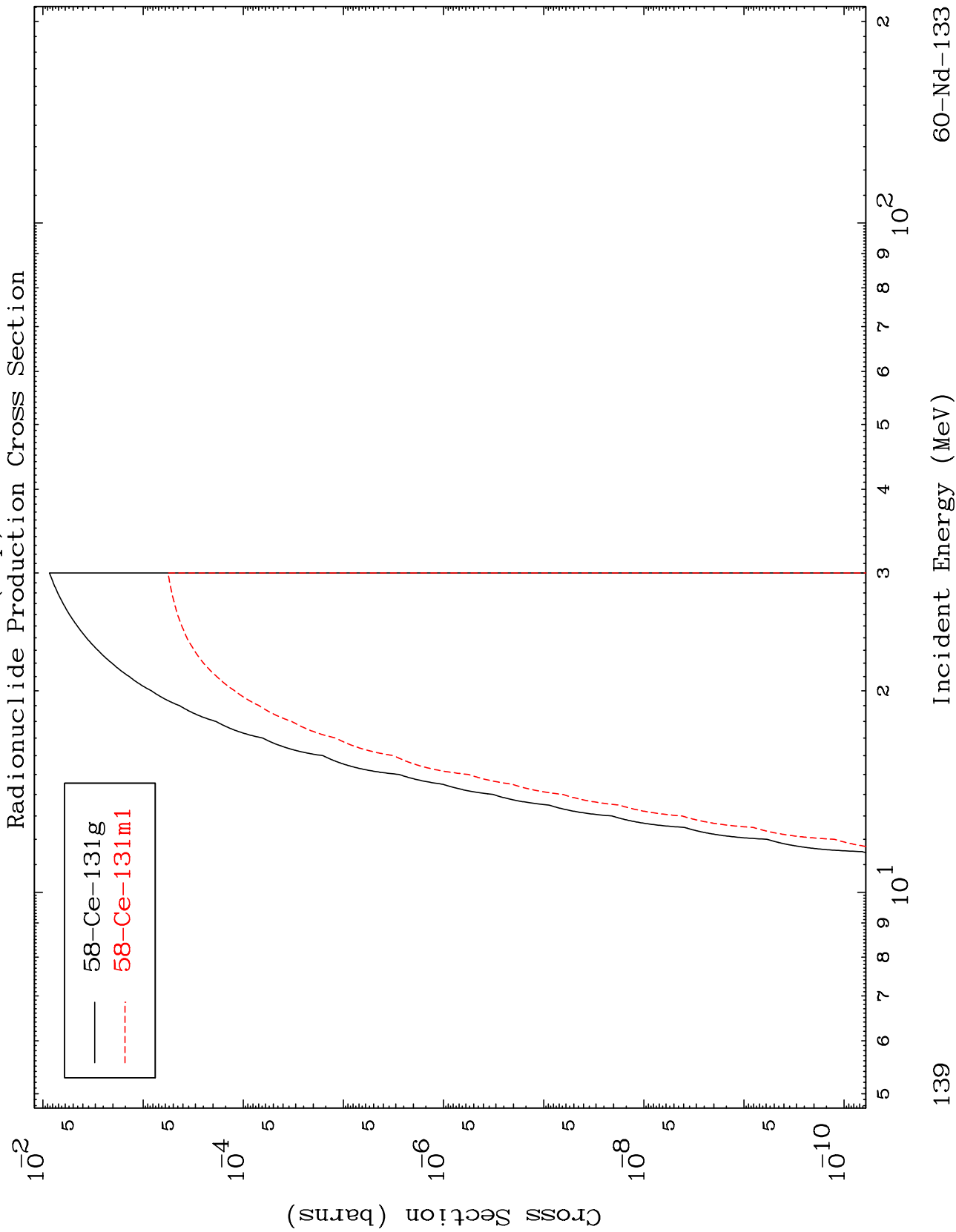
Incident Energy (MeV)

60-Nd-133

MAT 5998

(n,p) d

60-Nd-133

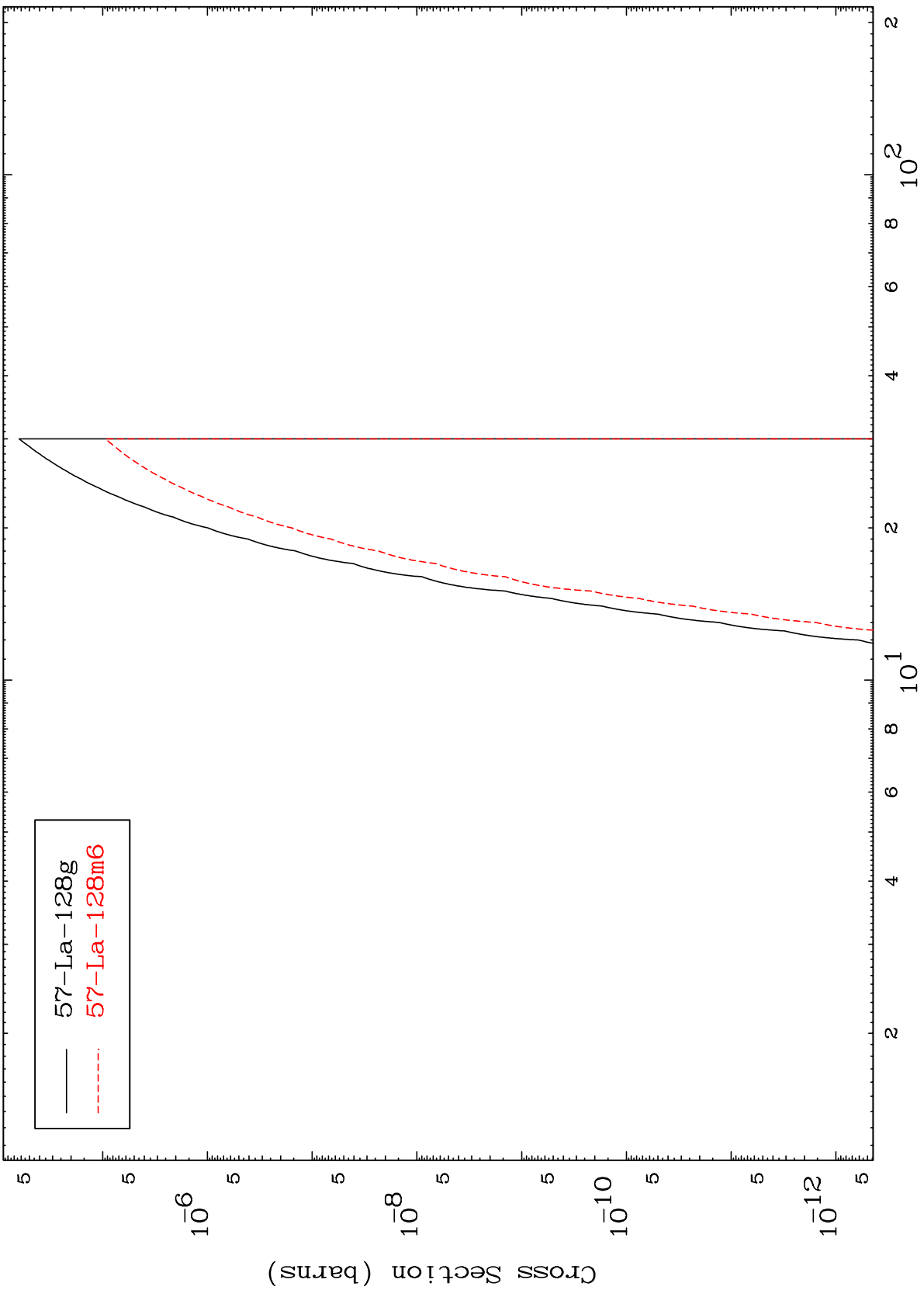


MAT 5998

(n,d) α

60-Nd-133

Radionuclide Production Cross Section



140

Incident Energy (MeV)

60-Nd-133