

Program EVALPLOT
(Version 2017-1)

by

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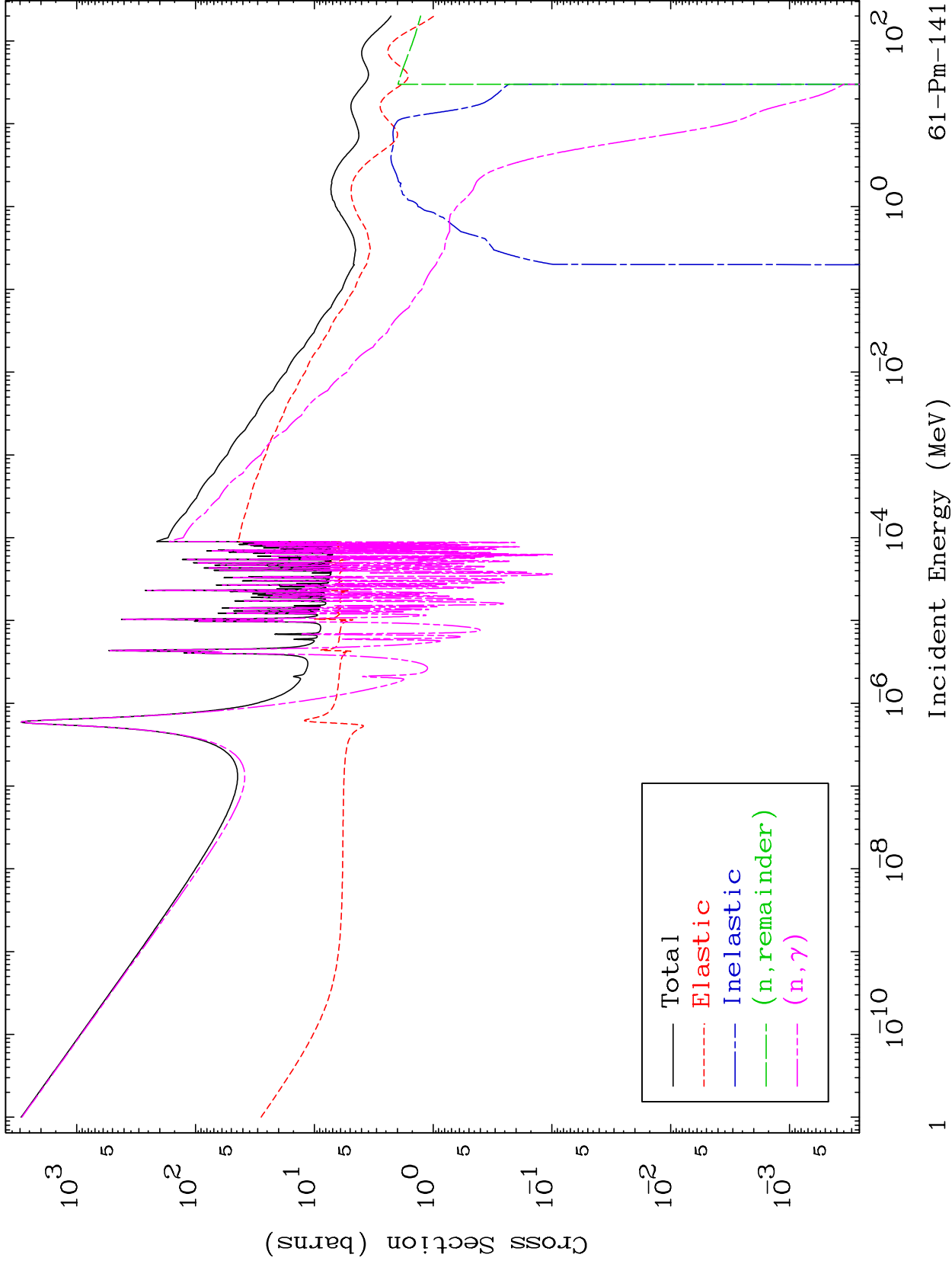
Press Mouse Button to Start

MAT 6131

Major

293 Kelvin Cross Sections

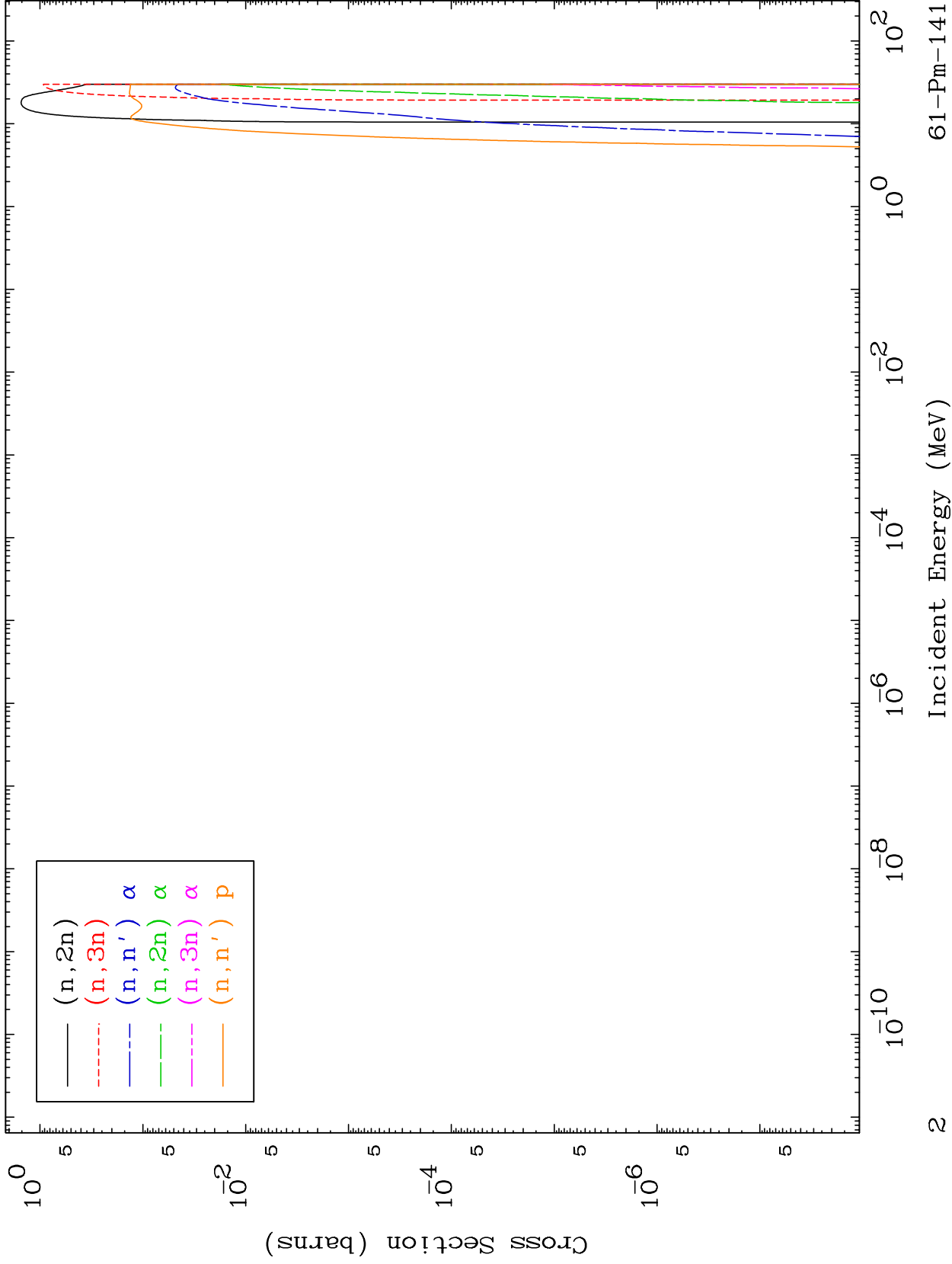
61-Pm-141



MAT 6131

Neutron Production
293 Kelvin Cross Sections

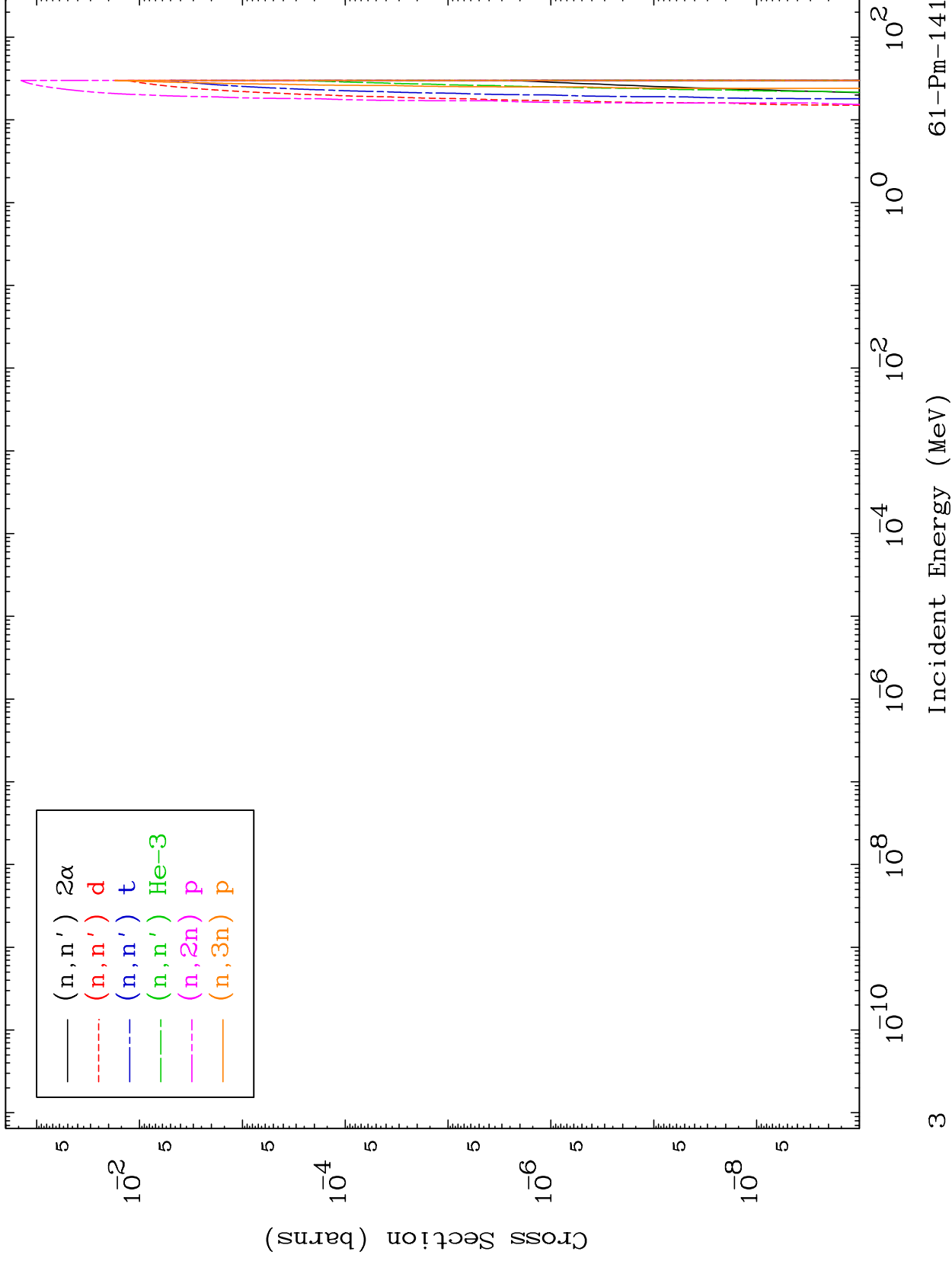
61-Pm-141



MAT 6131

Neutron Production
293 Kelvin Cross Sections

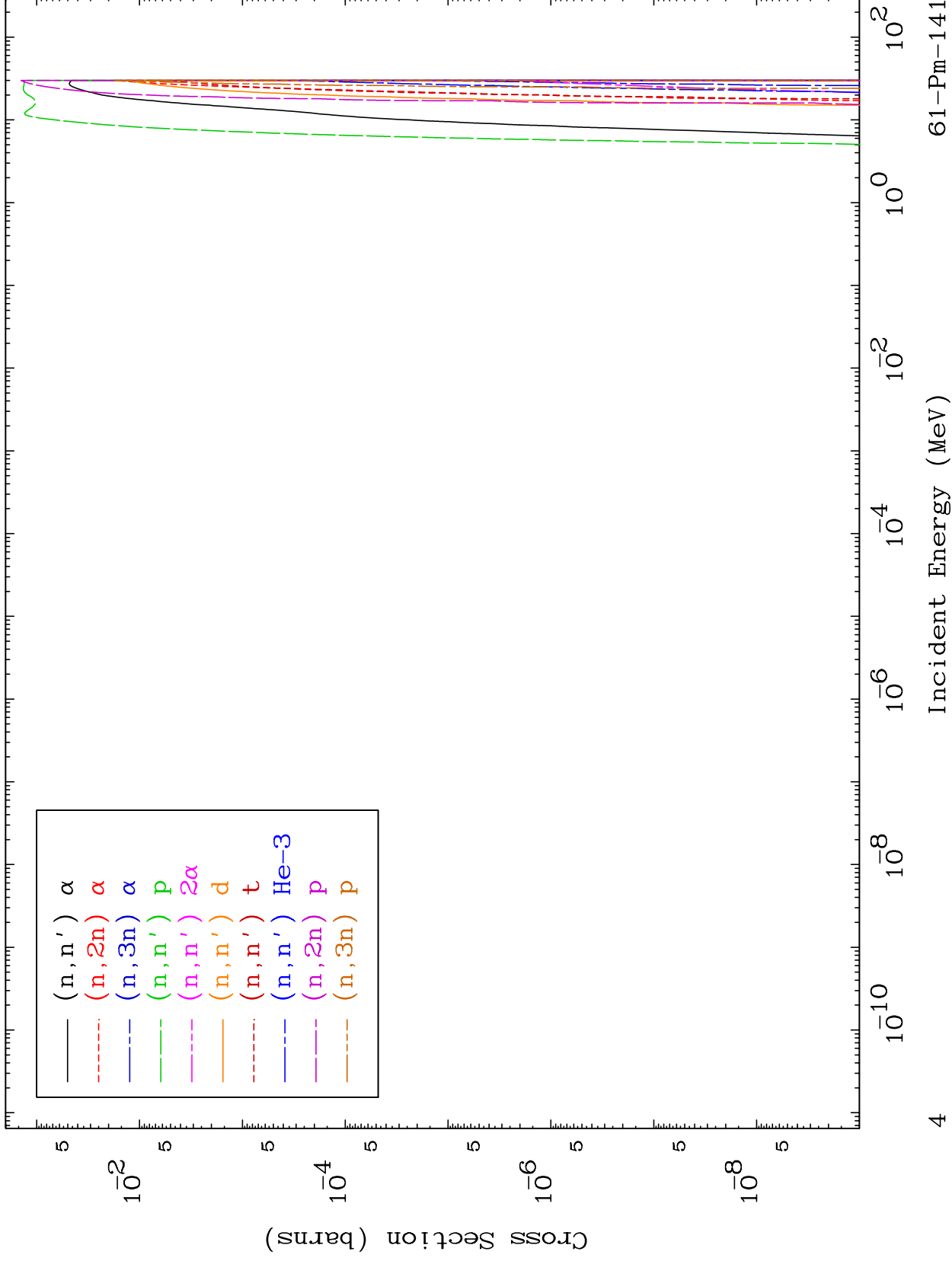
61-Pm-141



MAT 6131

Charged Particle
293 Kelvin Cross Sections

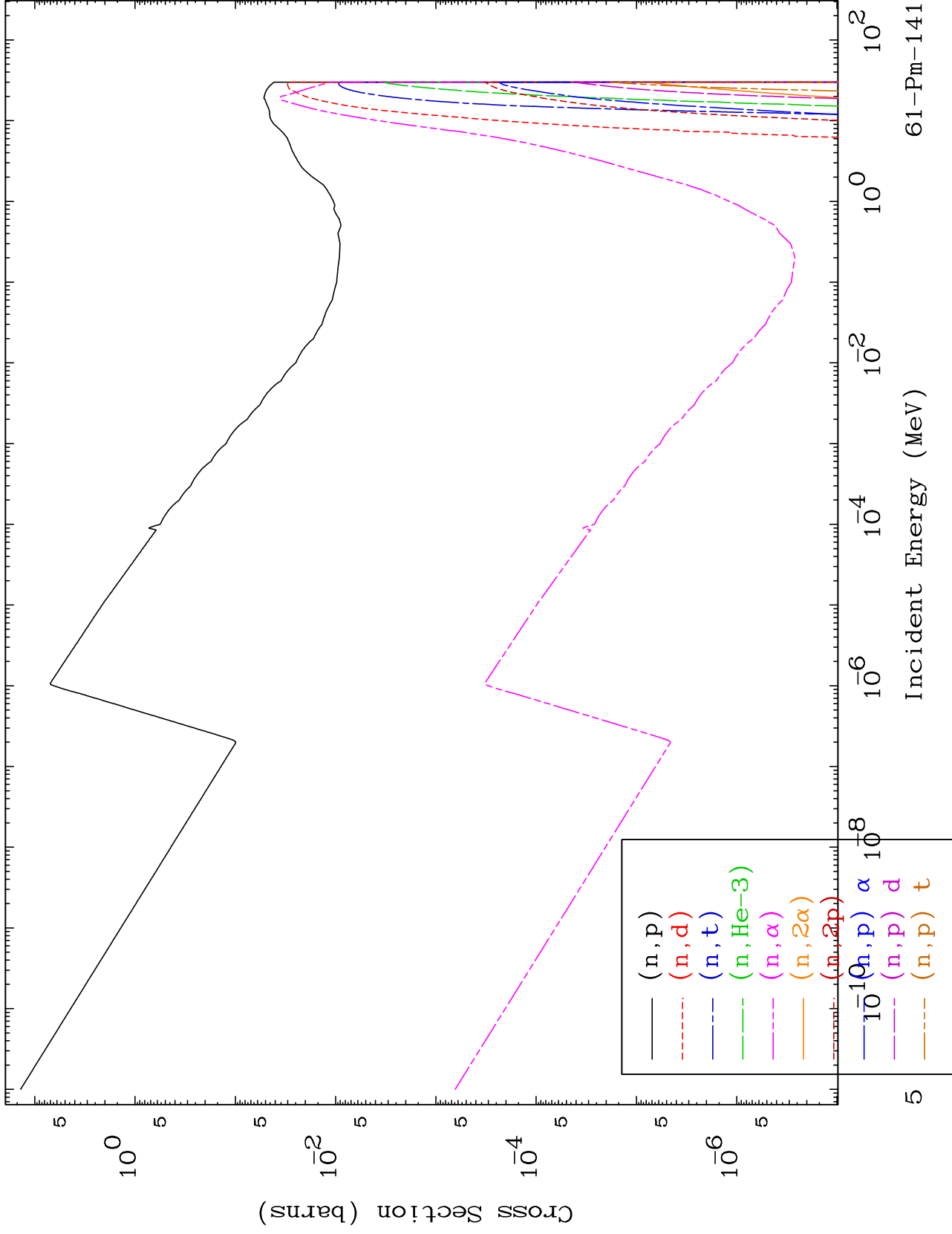
61-Pm-141



MAT 6131

Charged Particle
293 Kelvin Cross Sections

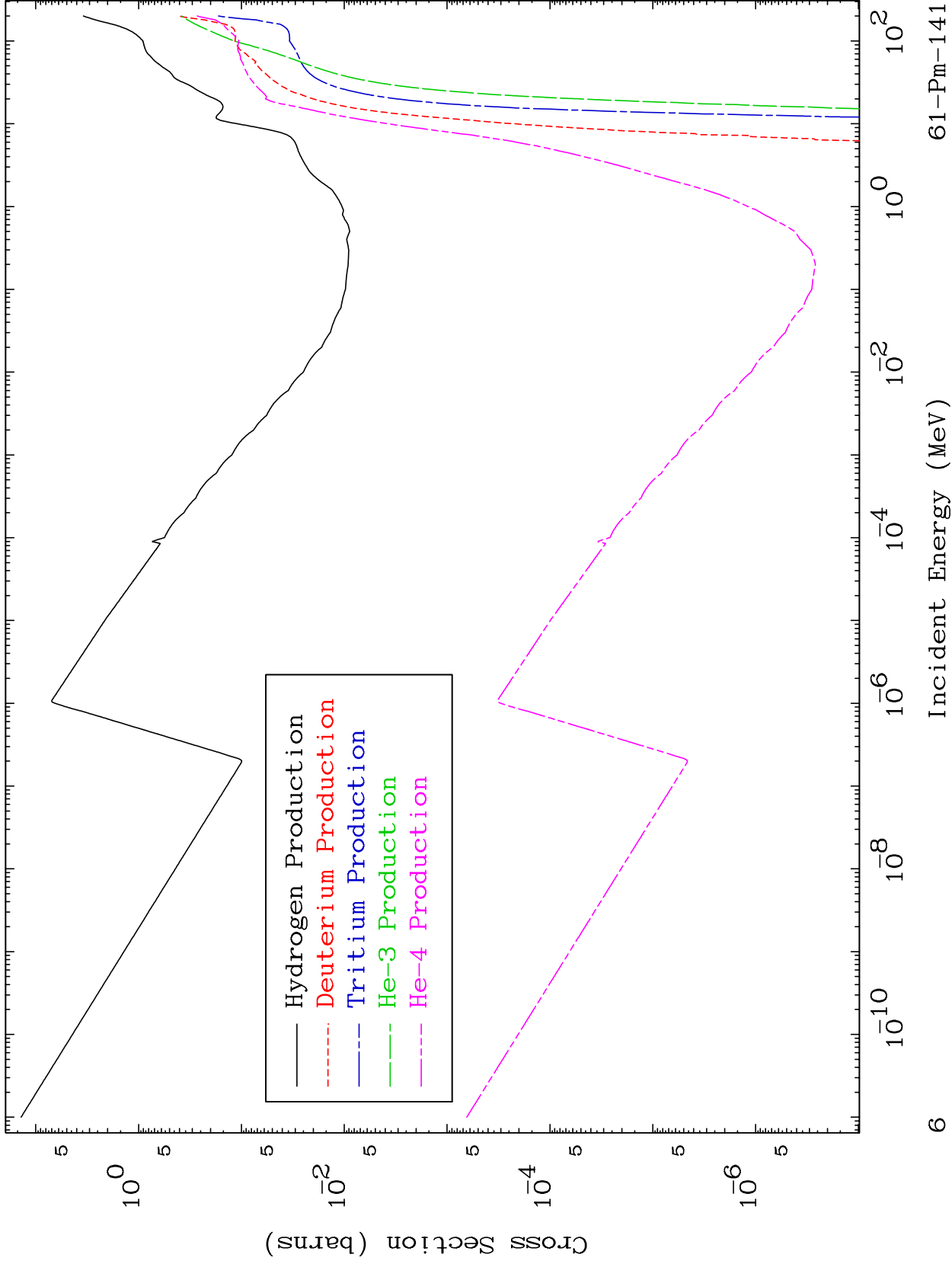
61-Pm-141



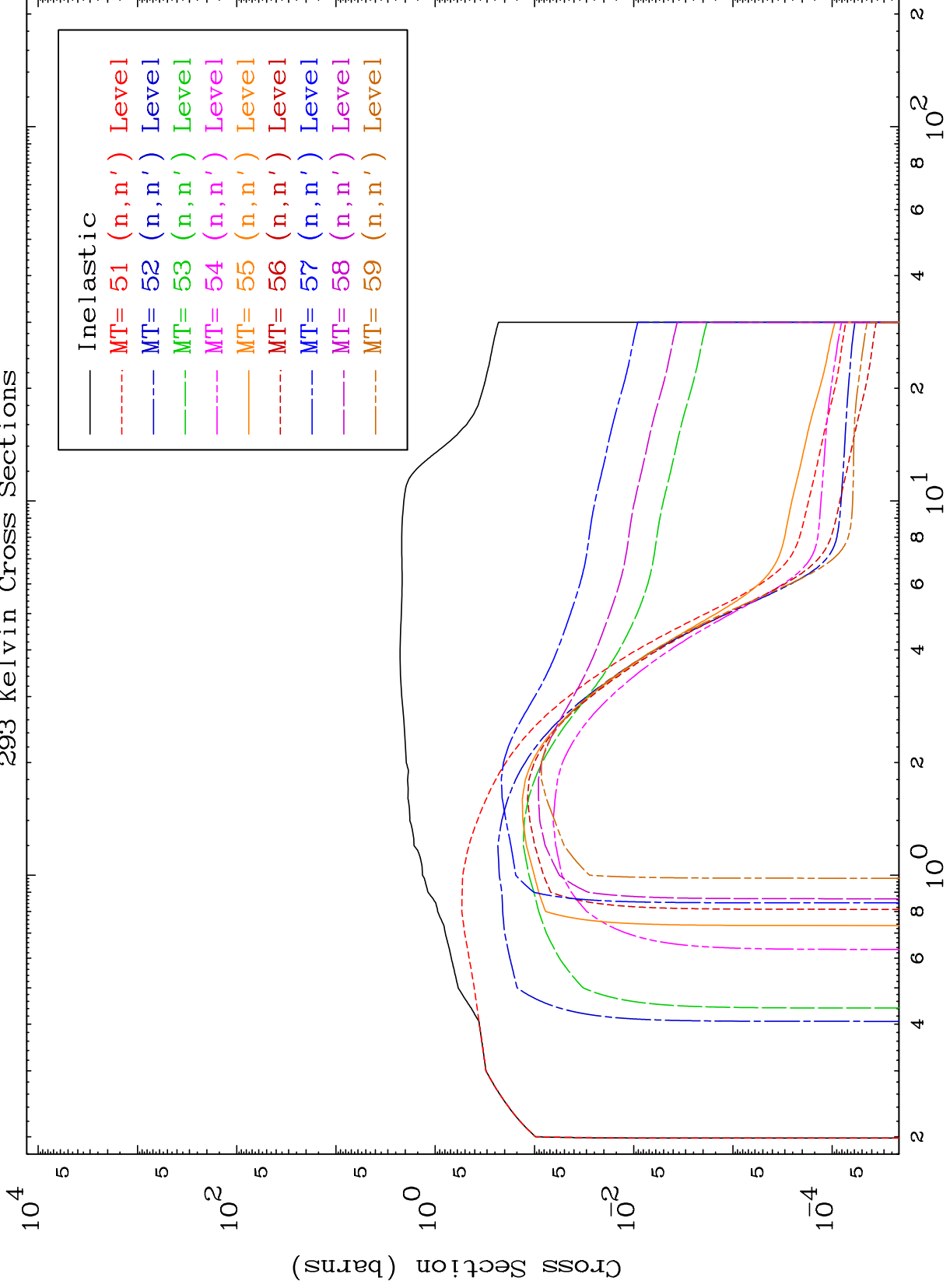
MAT 6131

Particle Production
293 Kelvin Cross Sections

61-Pm-141



293 Kelvin Cross Sections

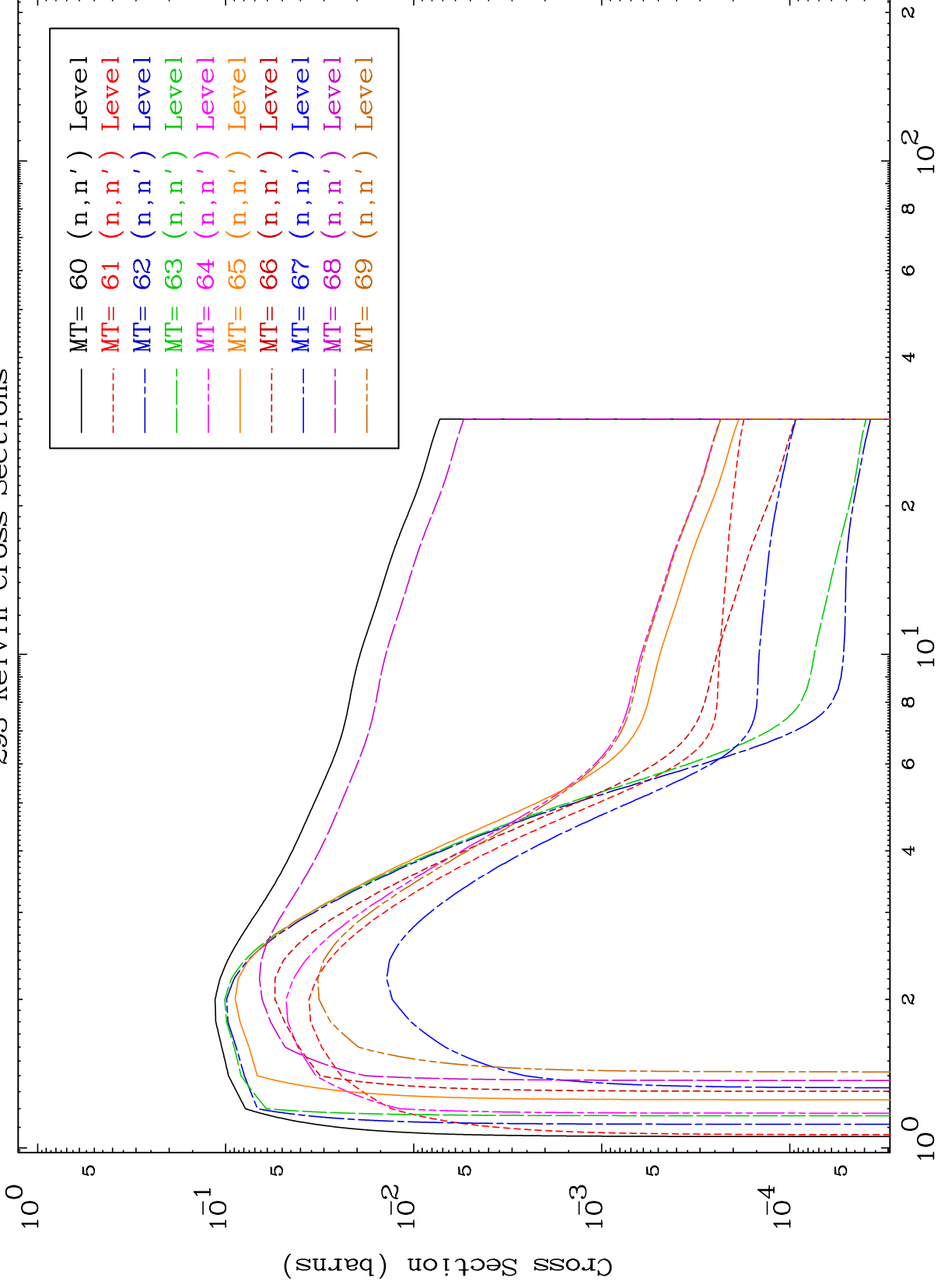


MAT 6131

(n,n') Level

61-Pm-141

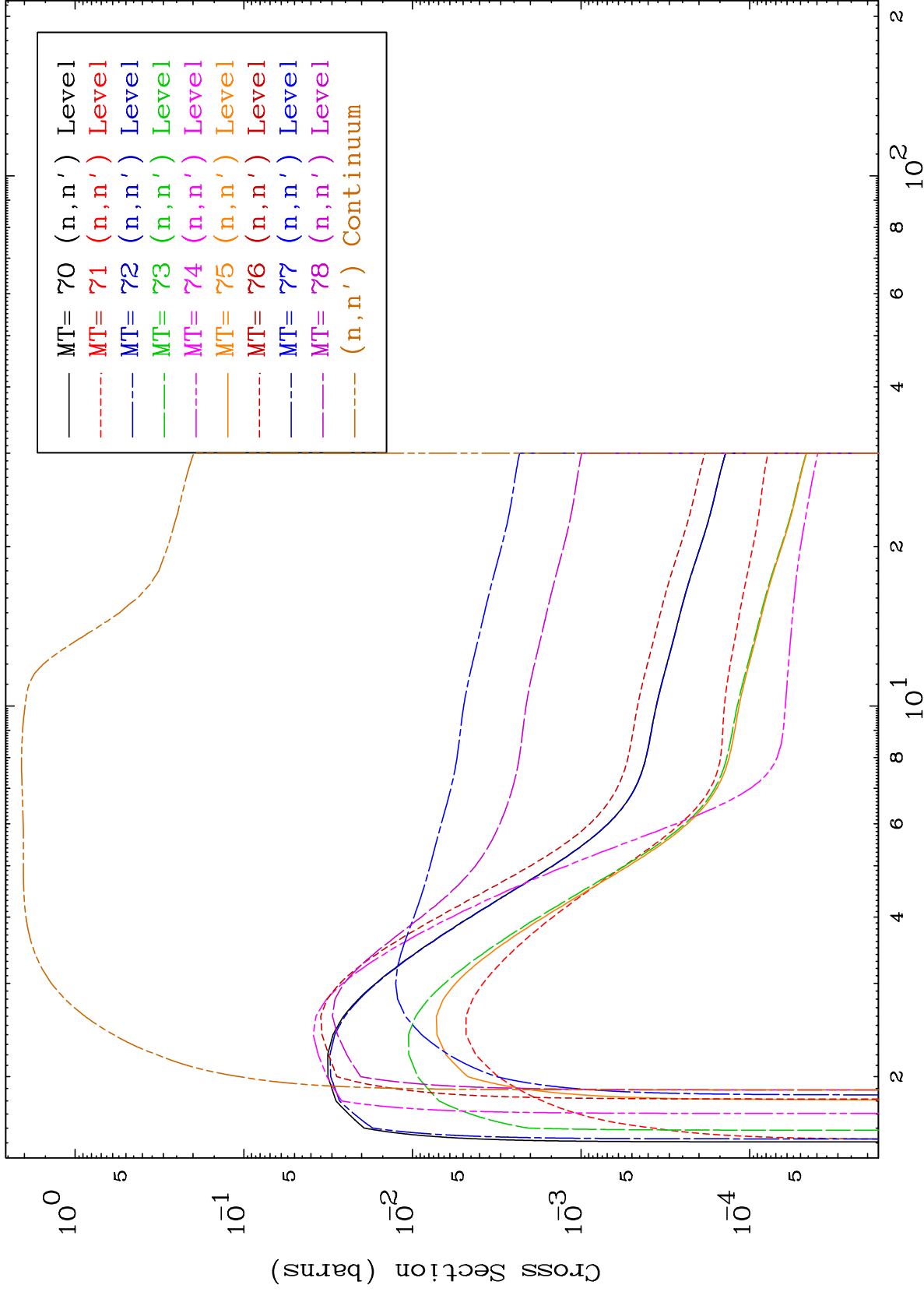
293 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-141

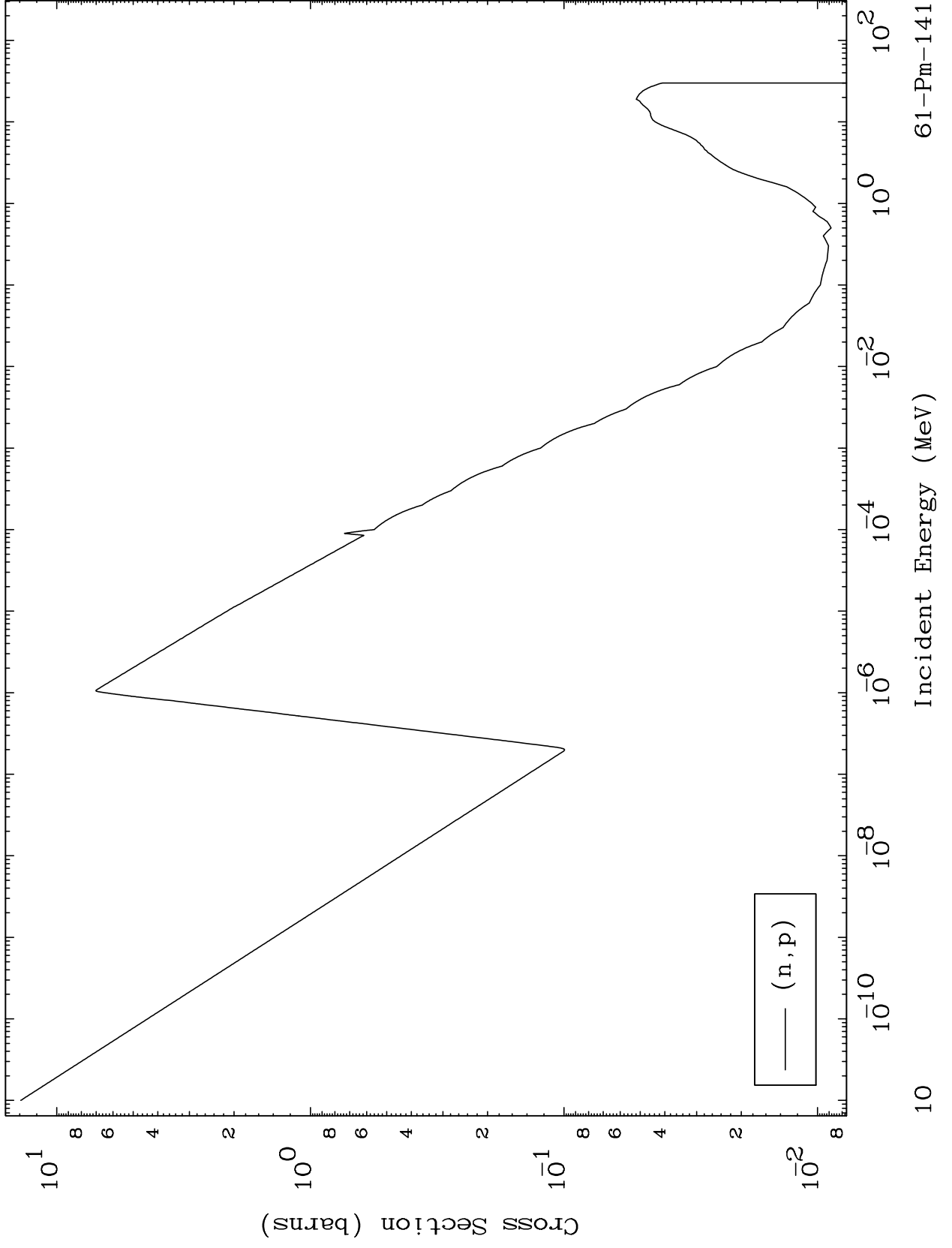
293 Kelvin Cross Sections



MAT 6131

(n,p) Levels
293 Kelvin Cross Sections

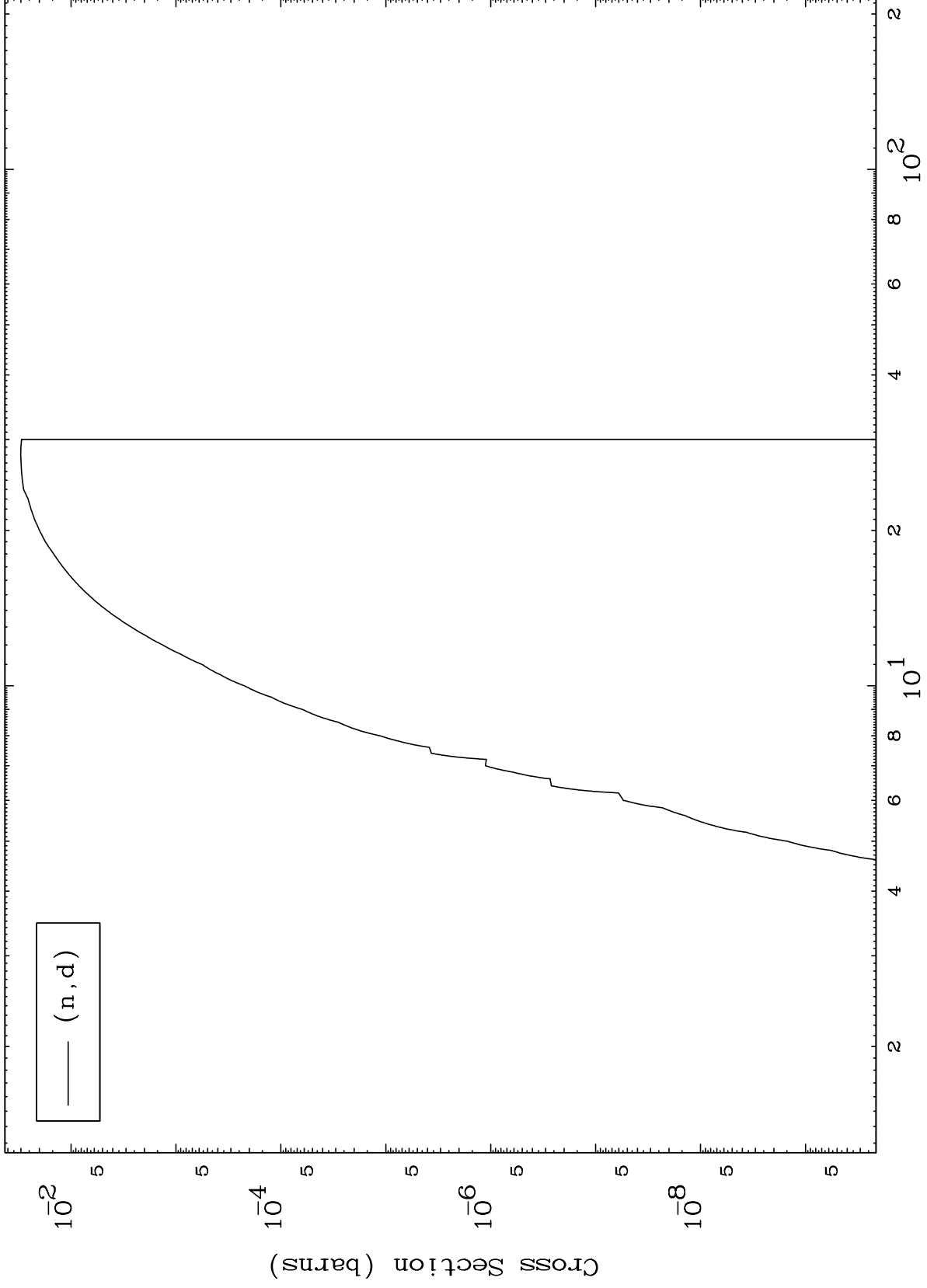
61-Pm-141



MAT 6131

(n,d) Levels
293 Kelvin Cross Sections

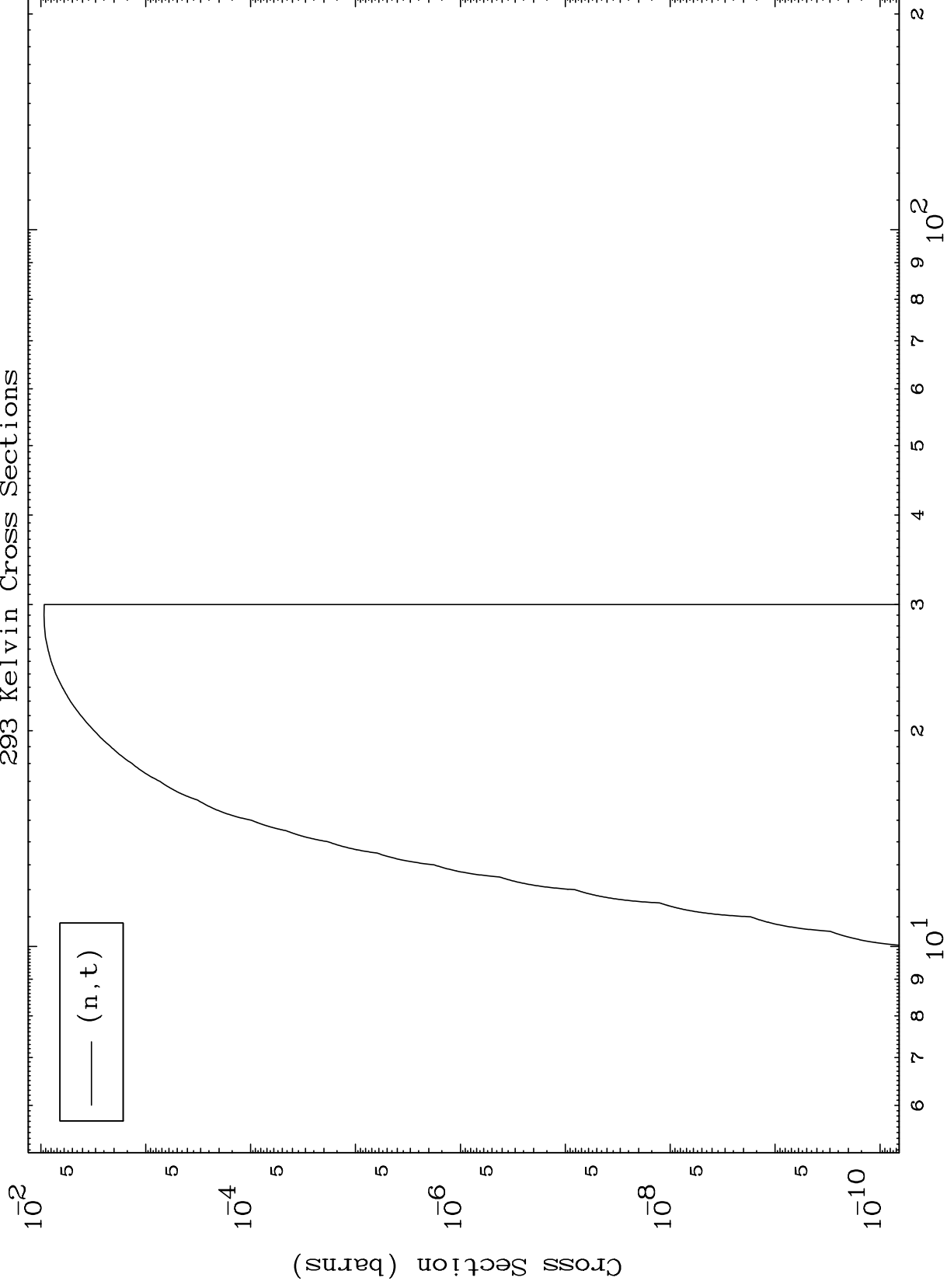
61-Pm-141



MAT 6131

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-141



12

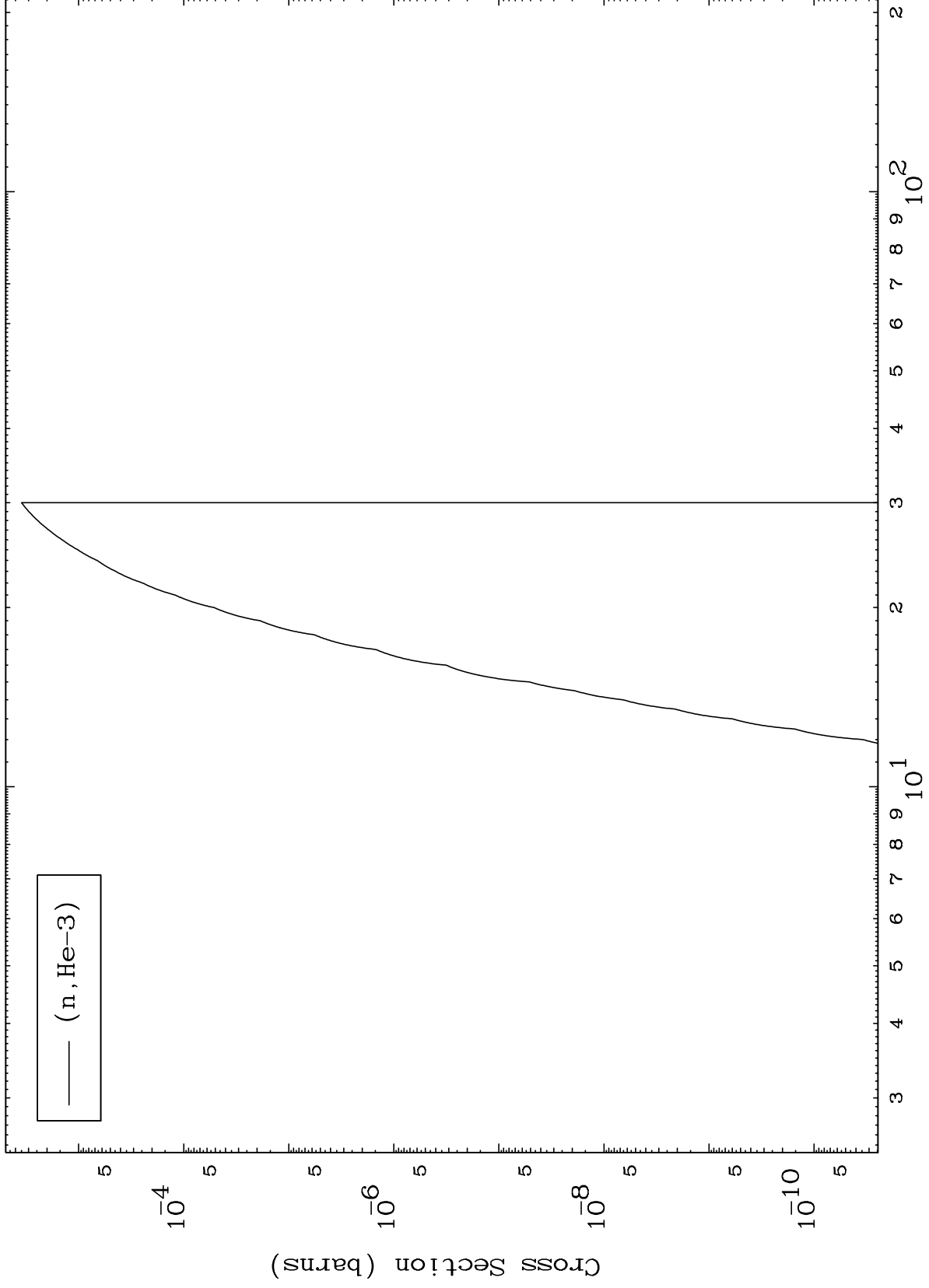
Incident Energy (MeV)

61-Pm-141

MAT 6131

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-141



13

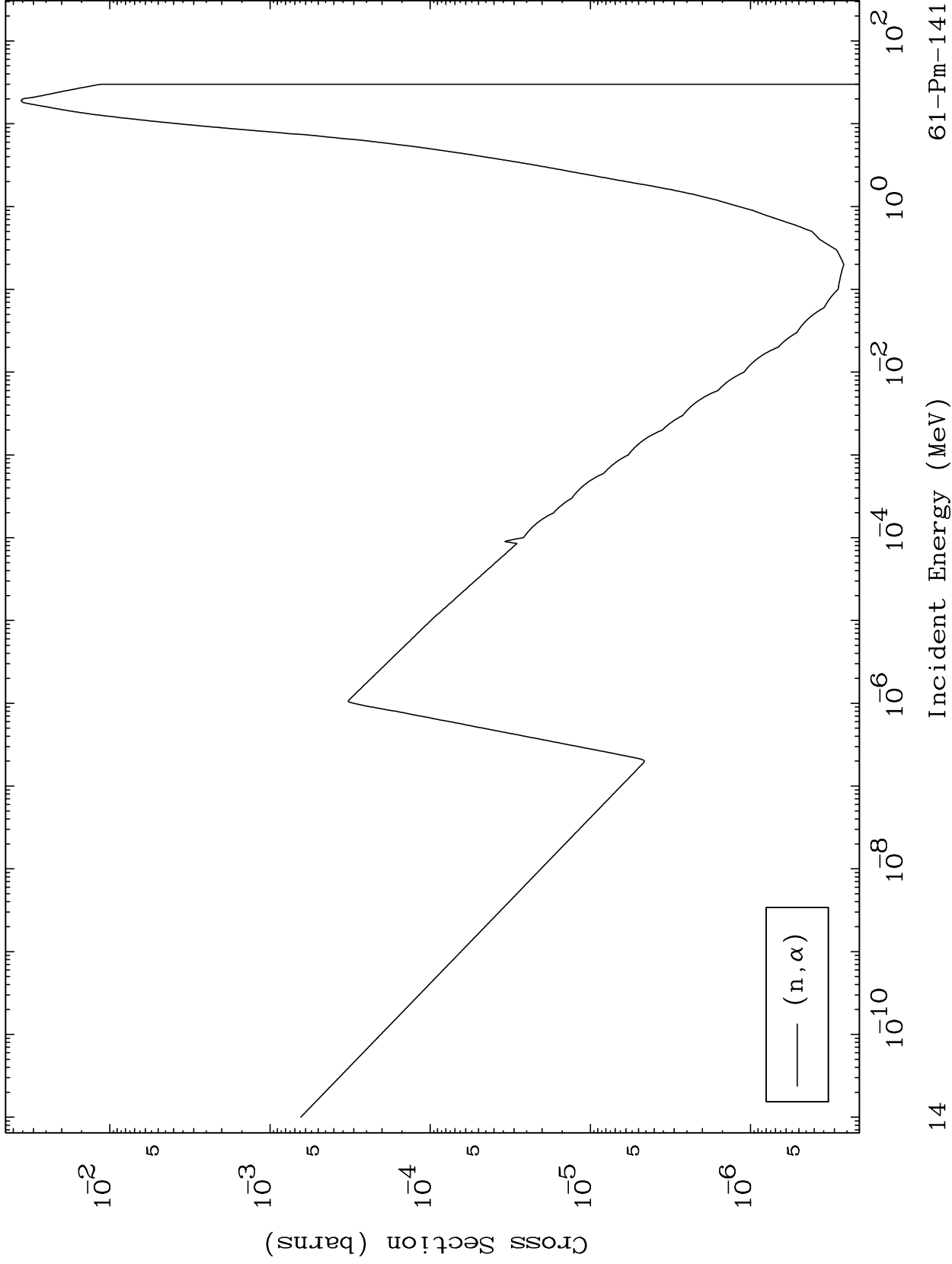
Incident Energy (MeV)

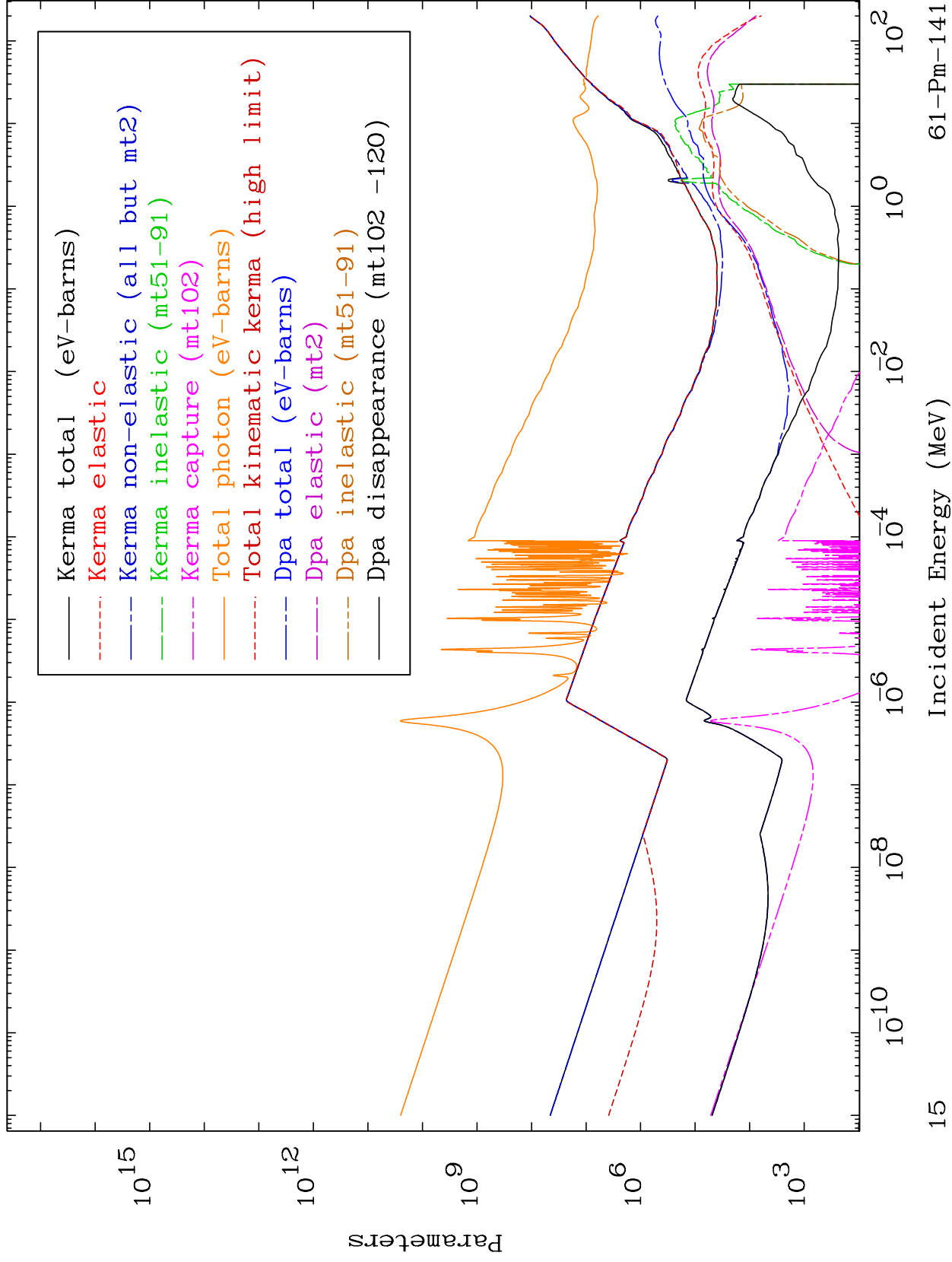
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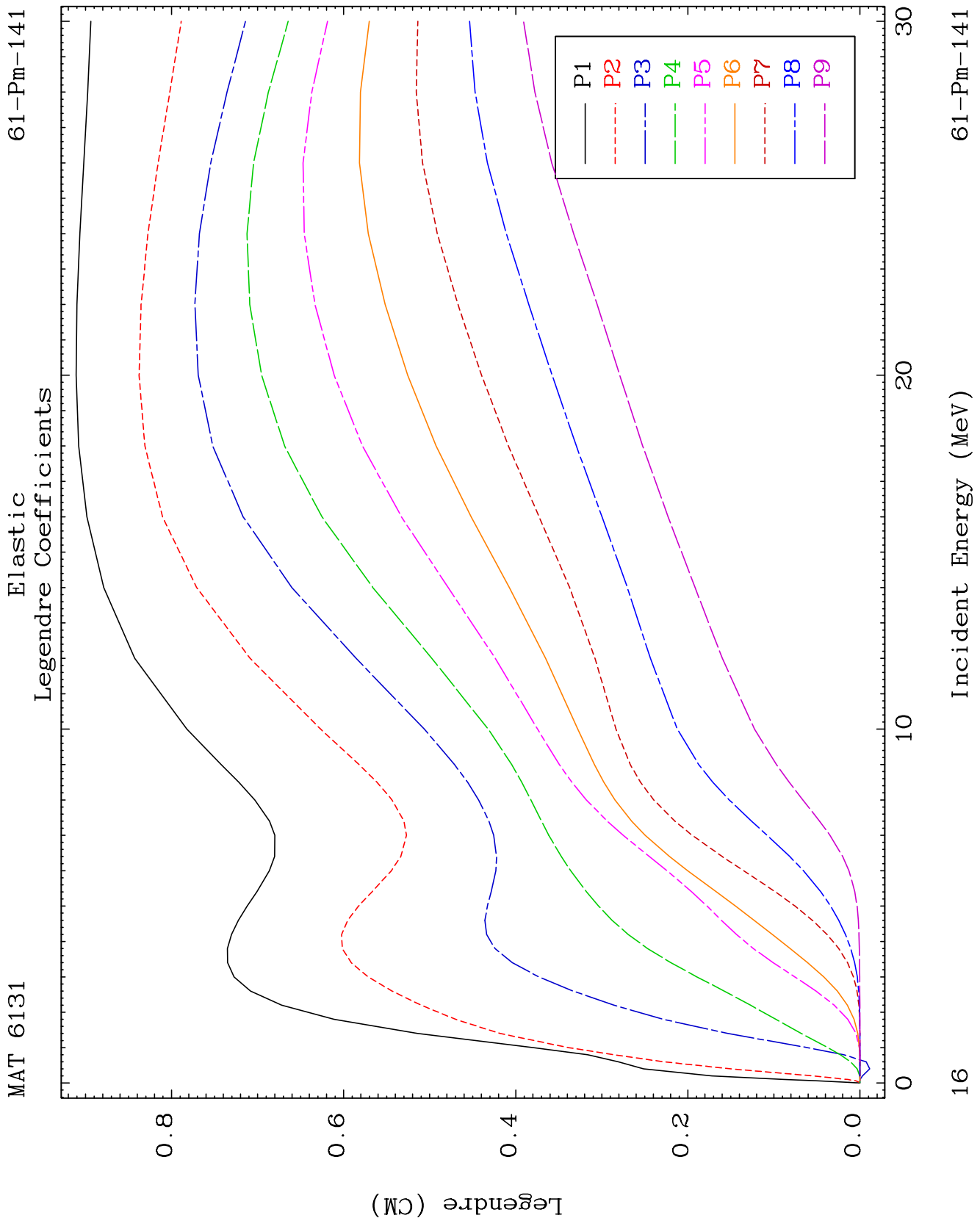
MAT 6131

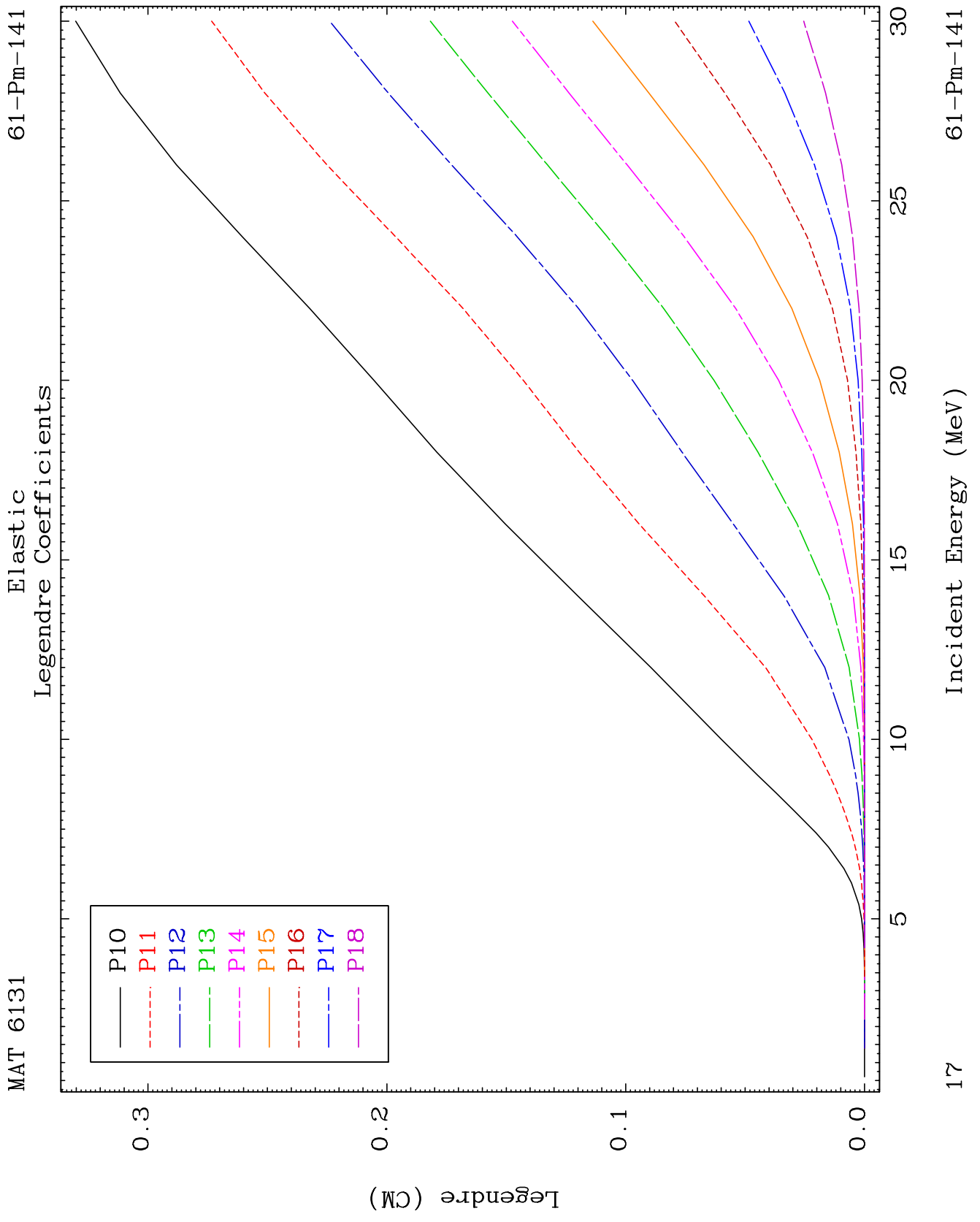
(n,α) Levels
293 Kelvin Cross Sections

61-Pm-141





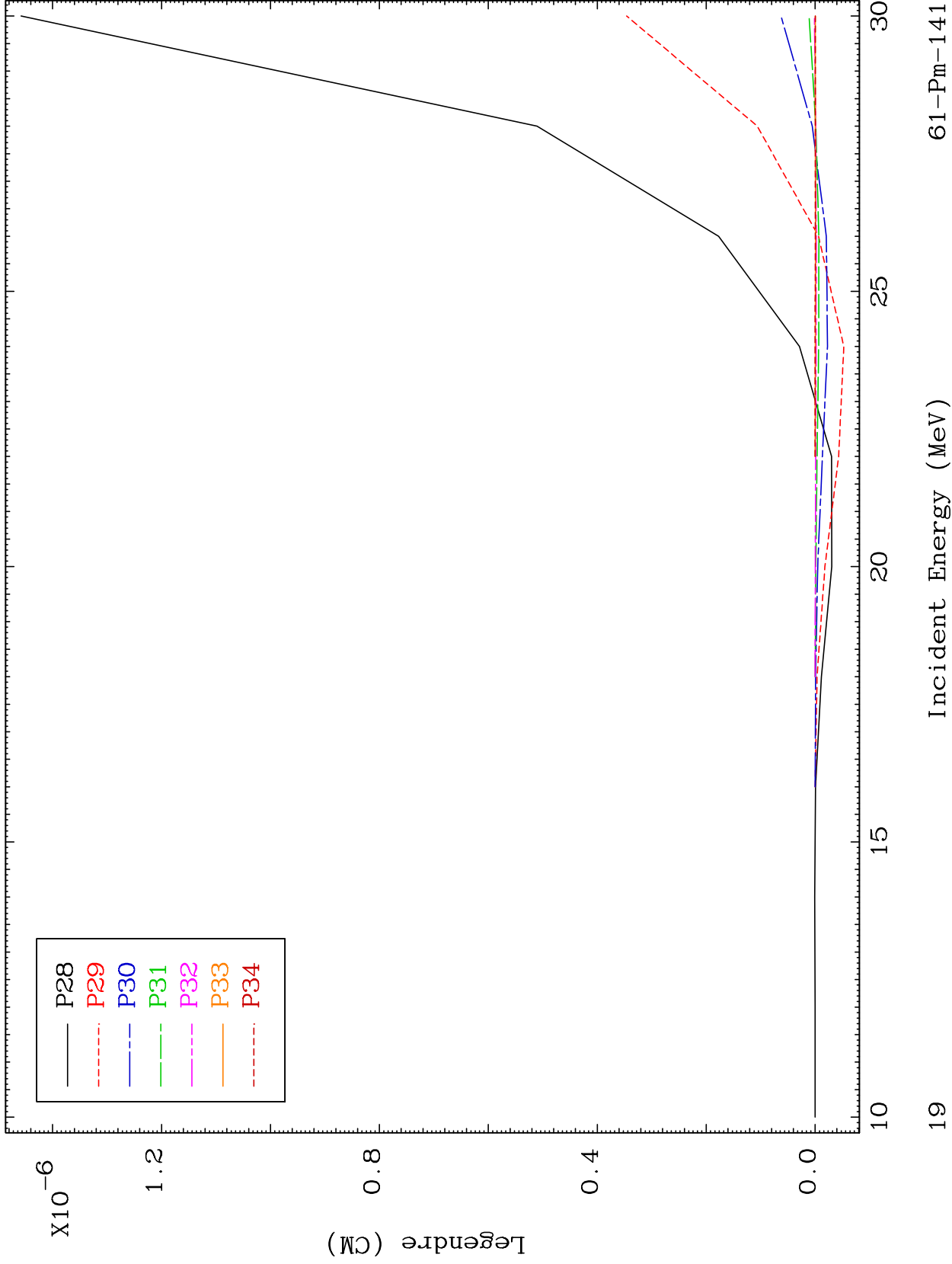




MAT 6131

Elastic
Legendre Coefficients

61-Pm-141



19

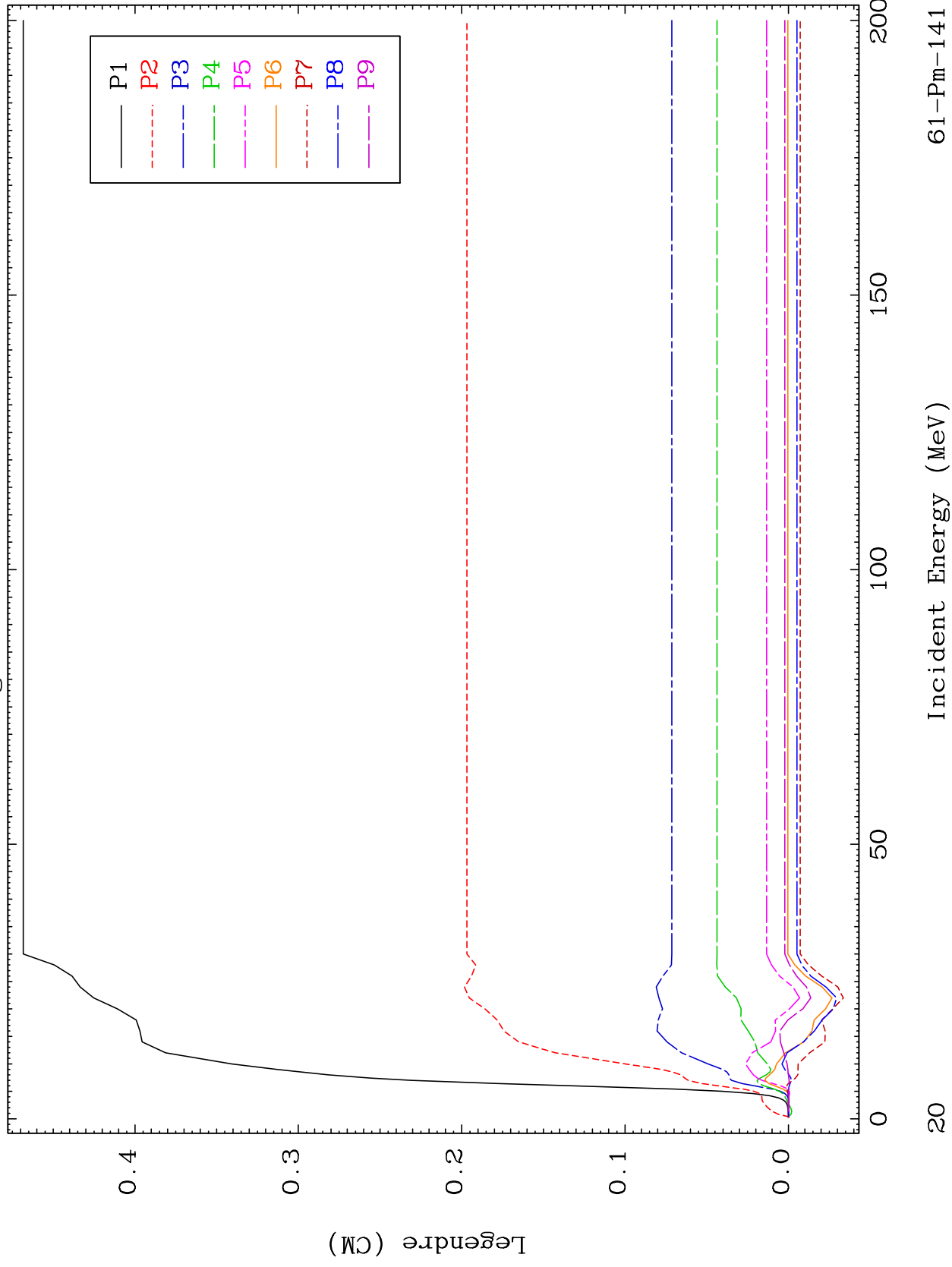
Incident Energy (MeV)

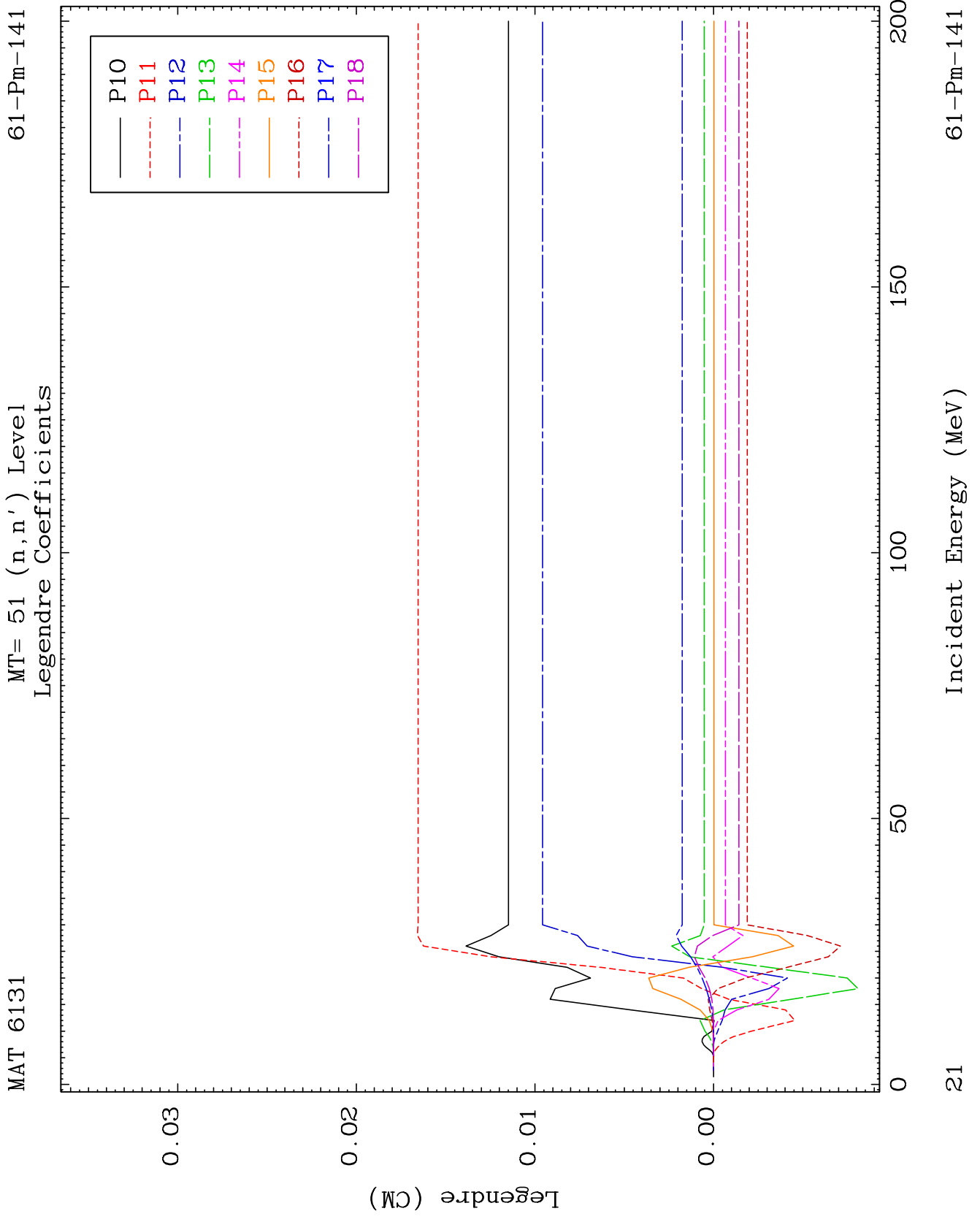
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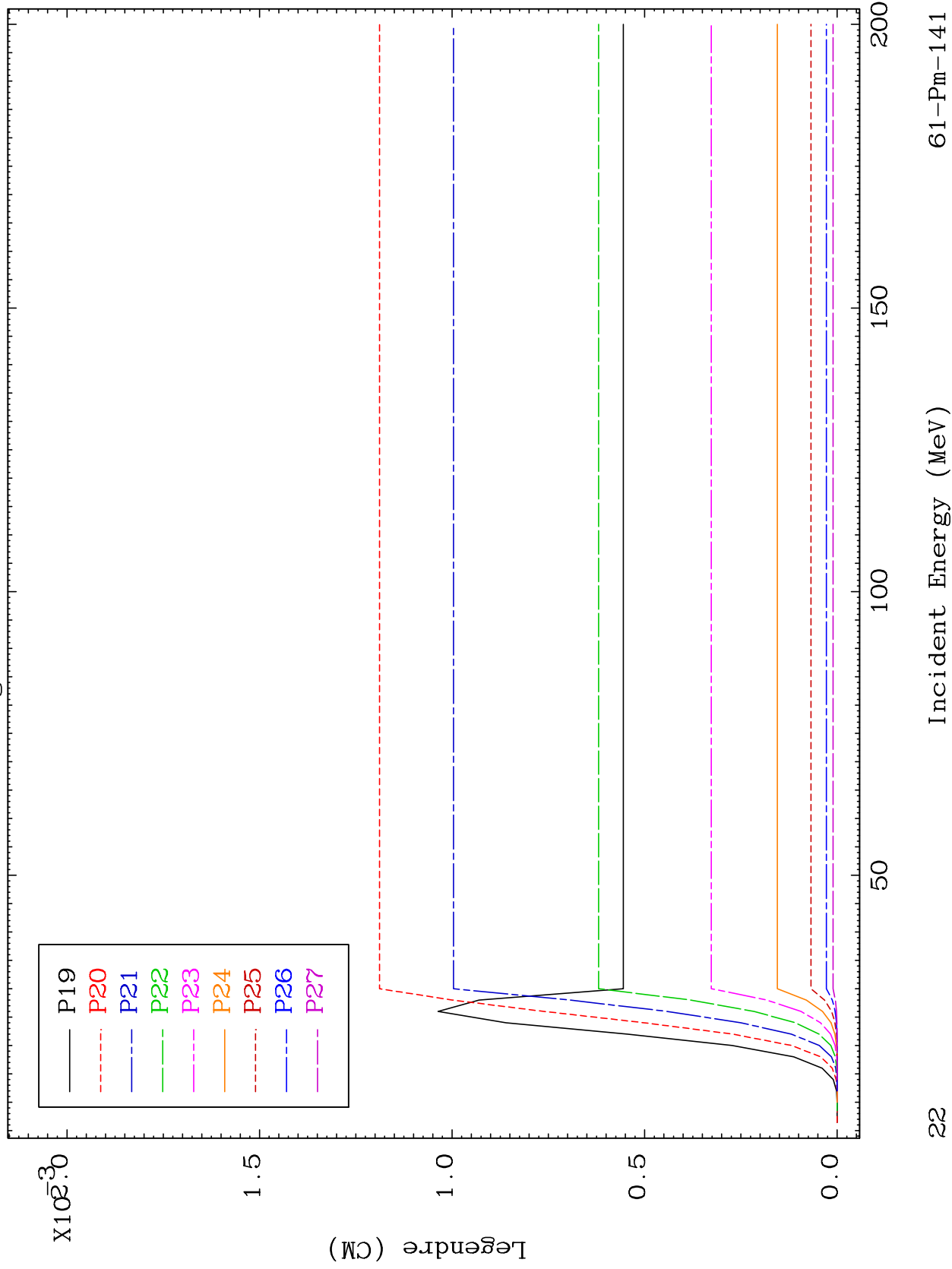
MAT 6131

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

61-Pm-141



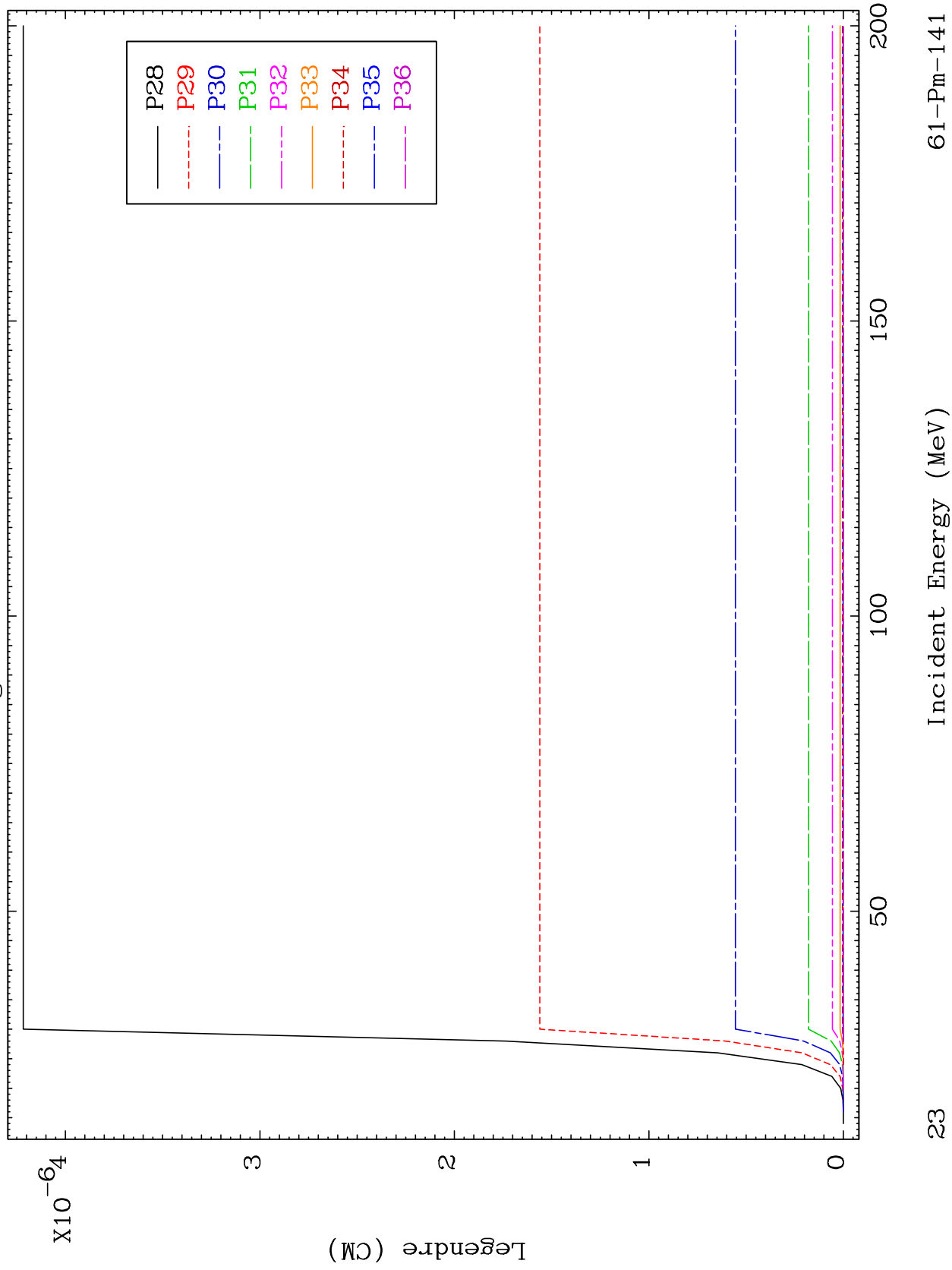




MAT 6131

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

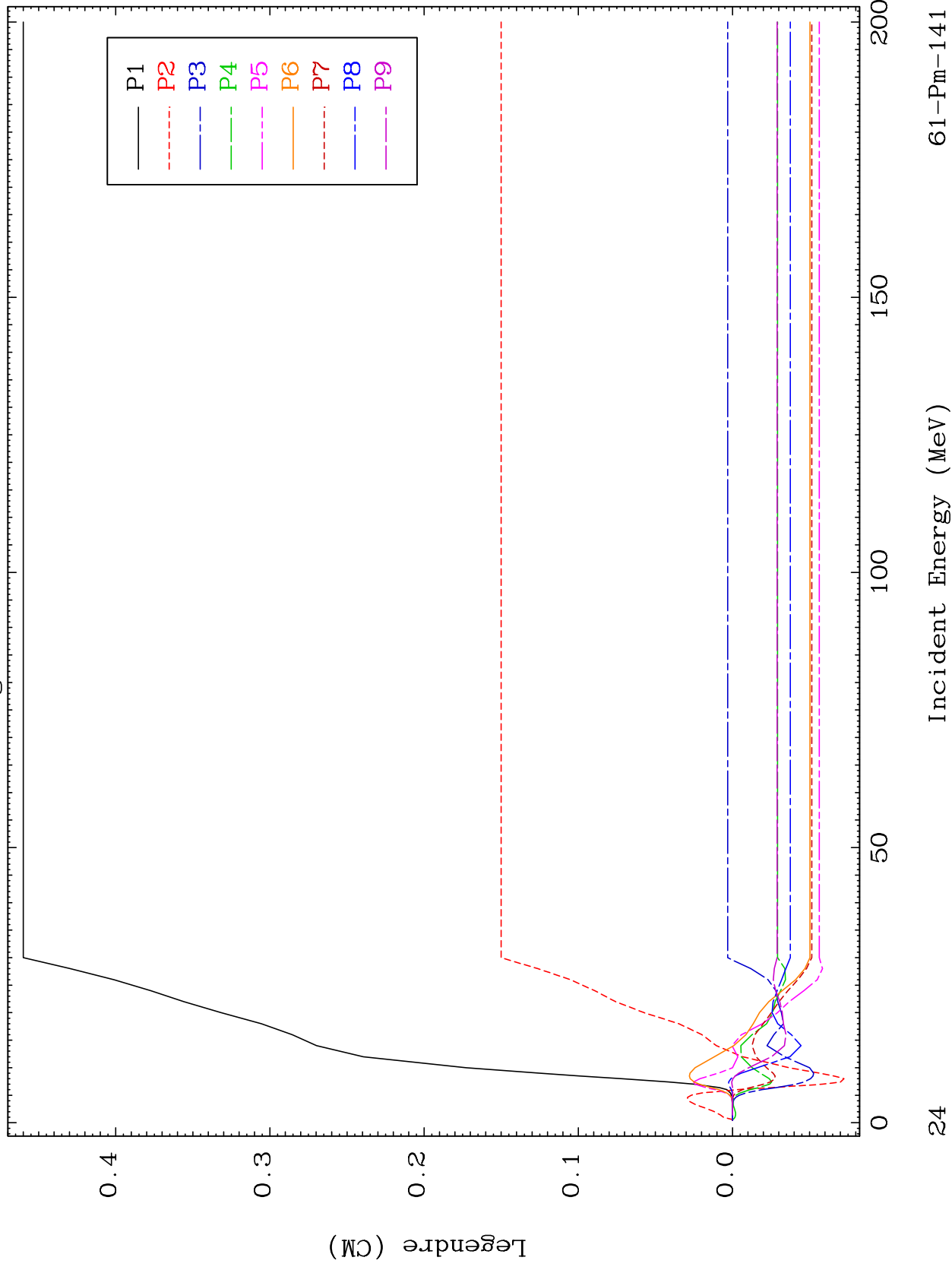
61-Pm-141



MAT 6131

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

61-Pm-141



61-Pm-141

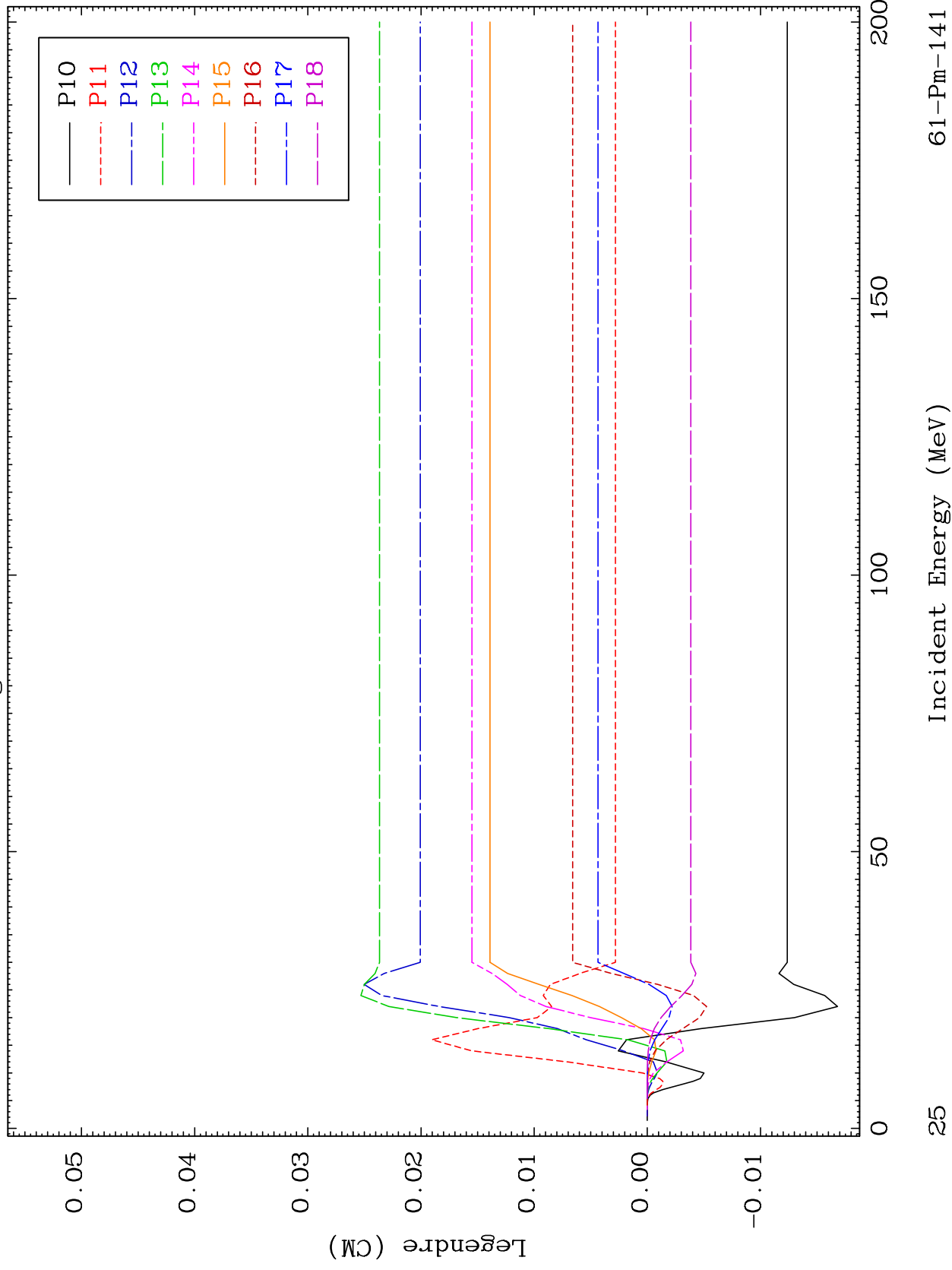
Incident Energy (MeV)

24

MAT 6131

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

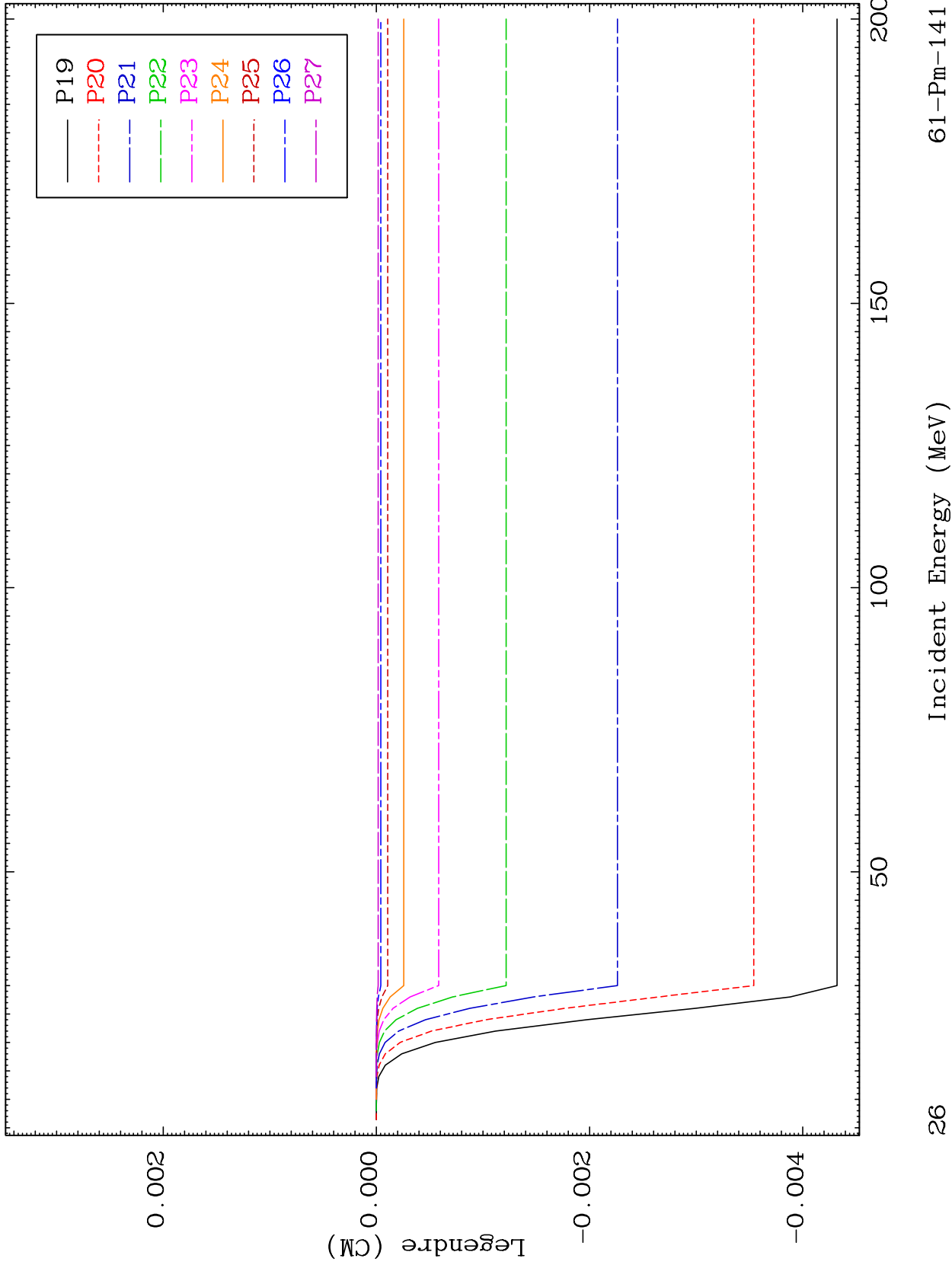
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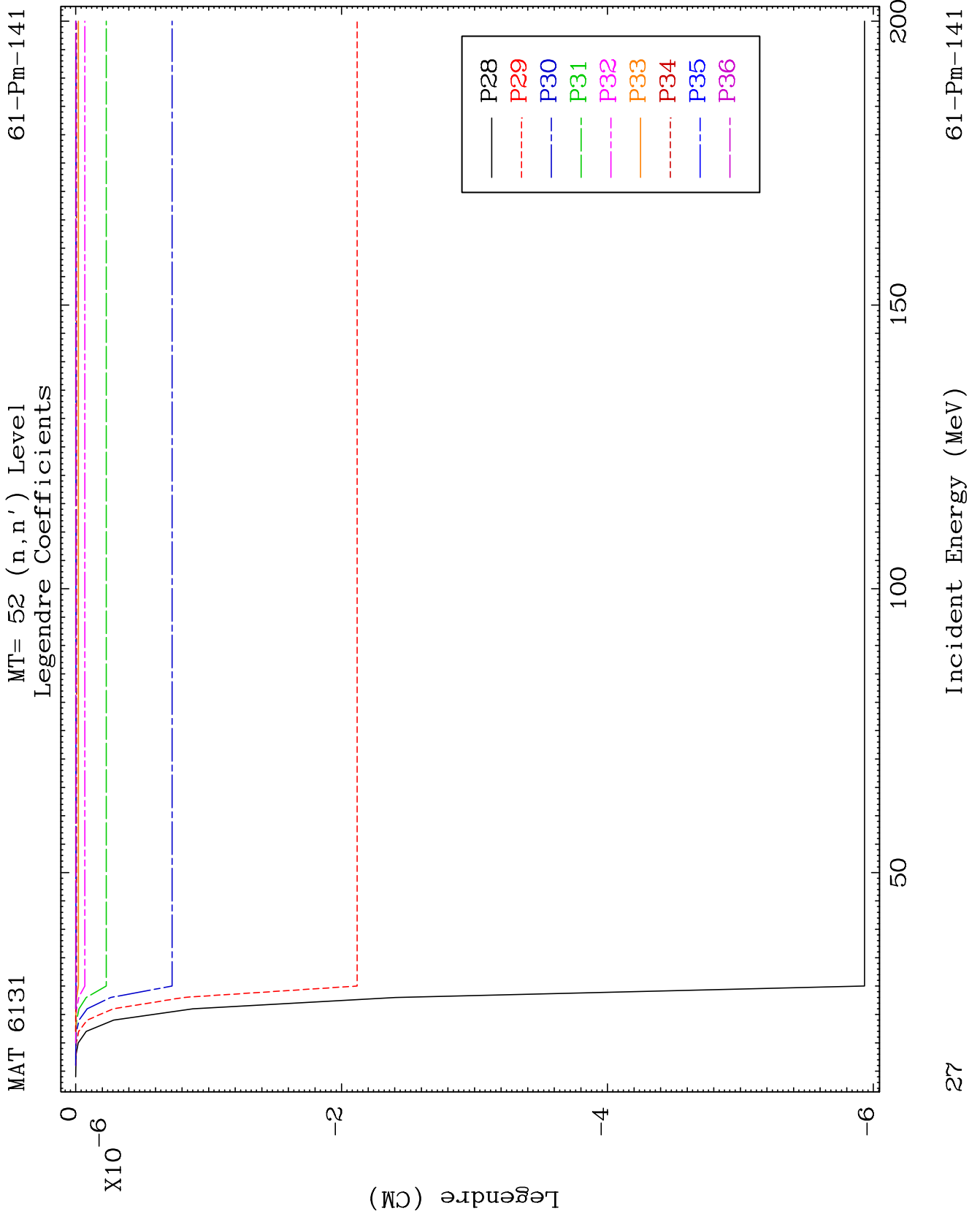


61-Pm-141

Incident Energy (MeV)

25

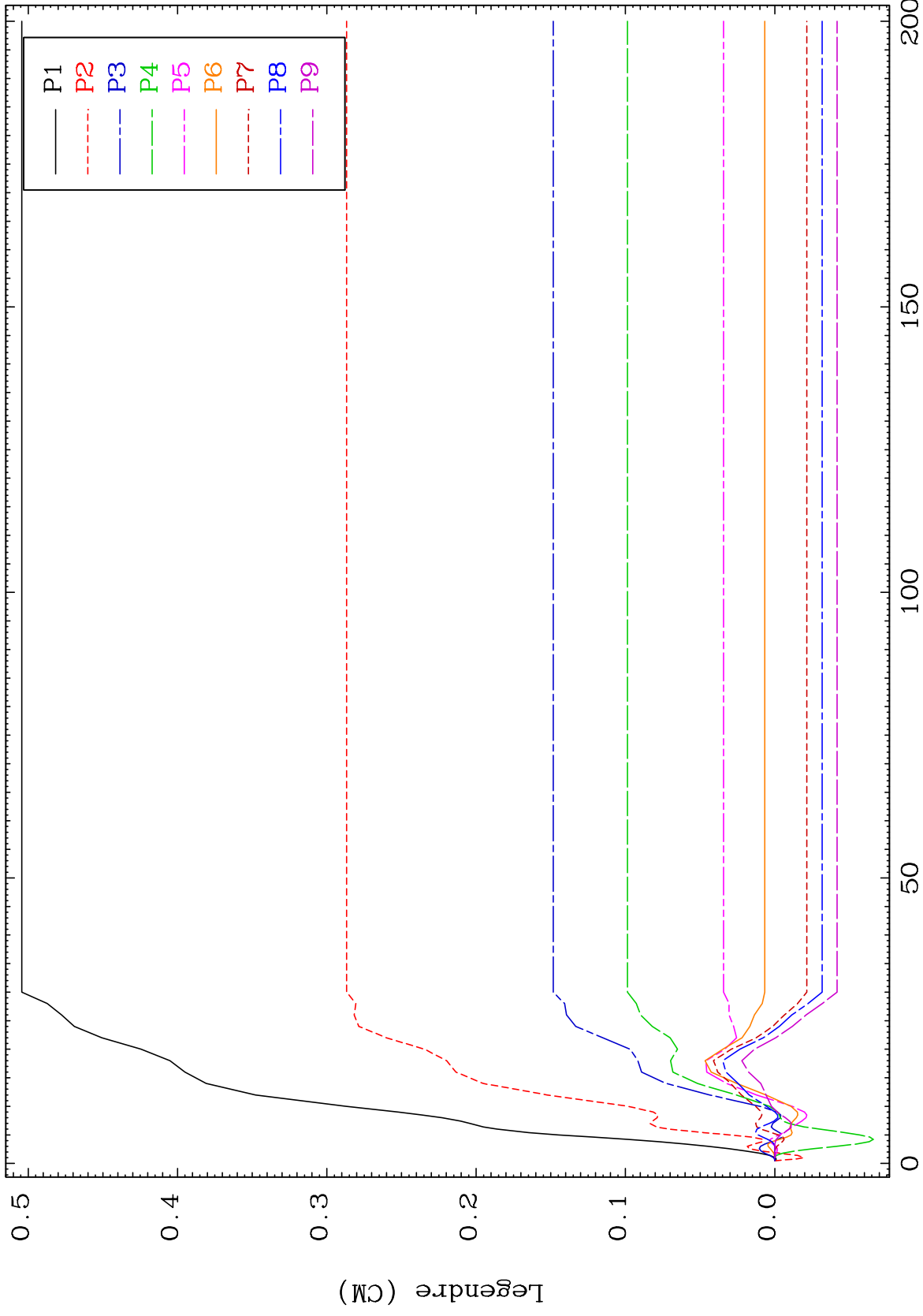




MAT 6131

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

61-Pm-141



28

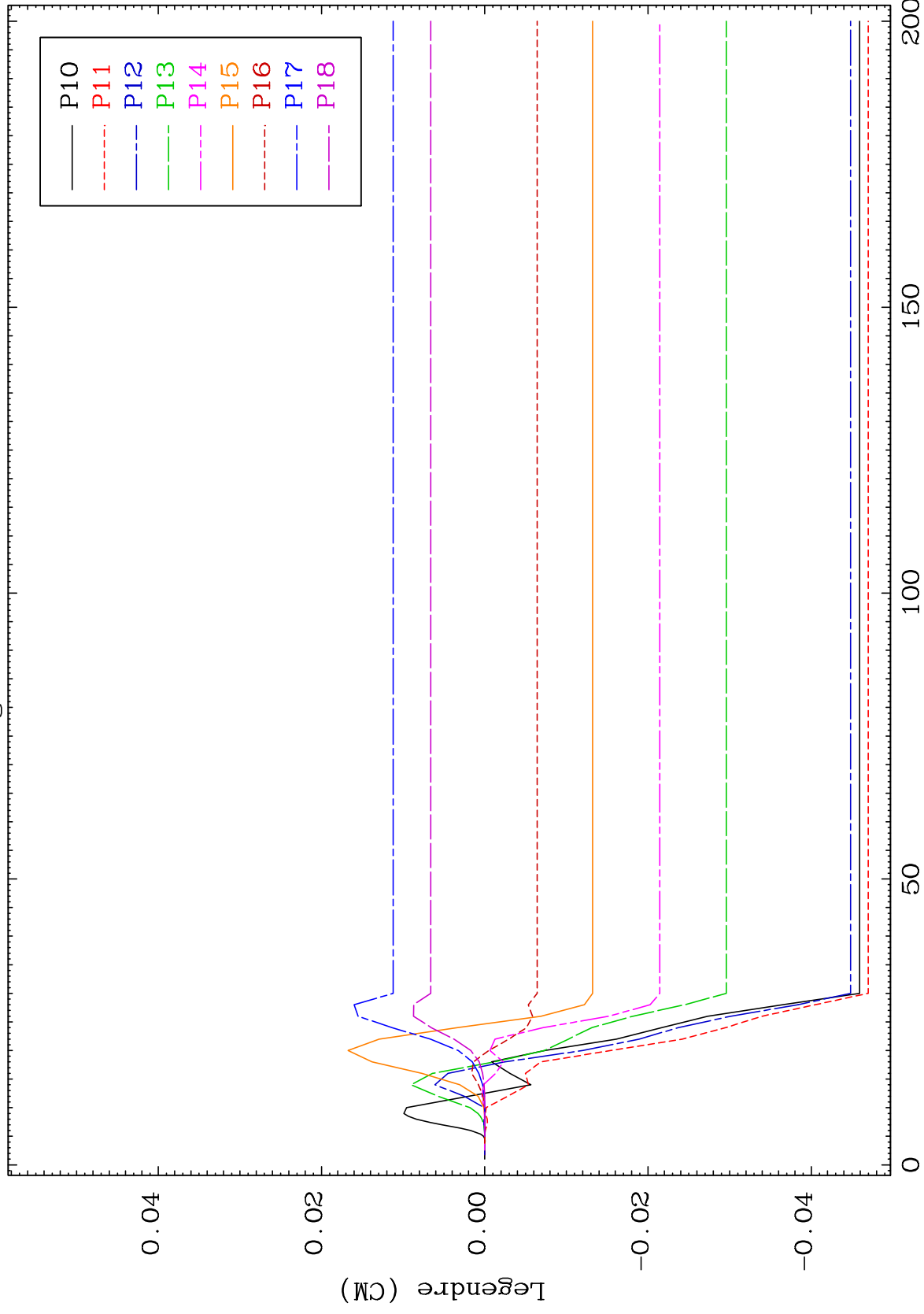
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



29

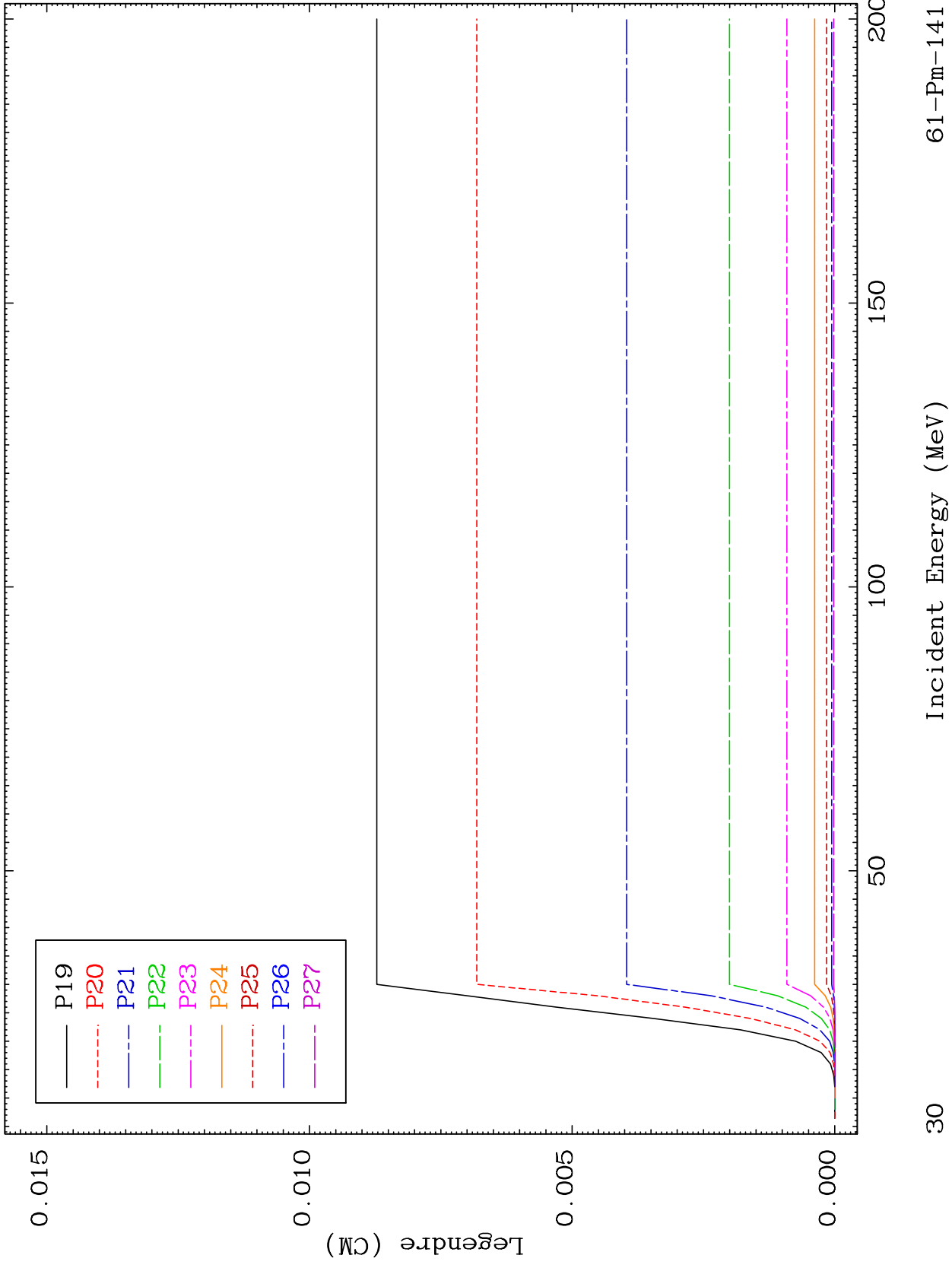
61-Pm-141

61-Pm-141

MAT 6131

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

61-Pm-141



30

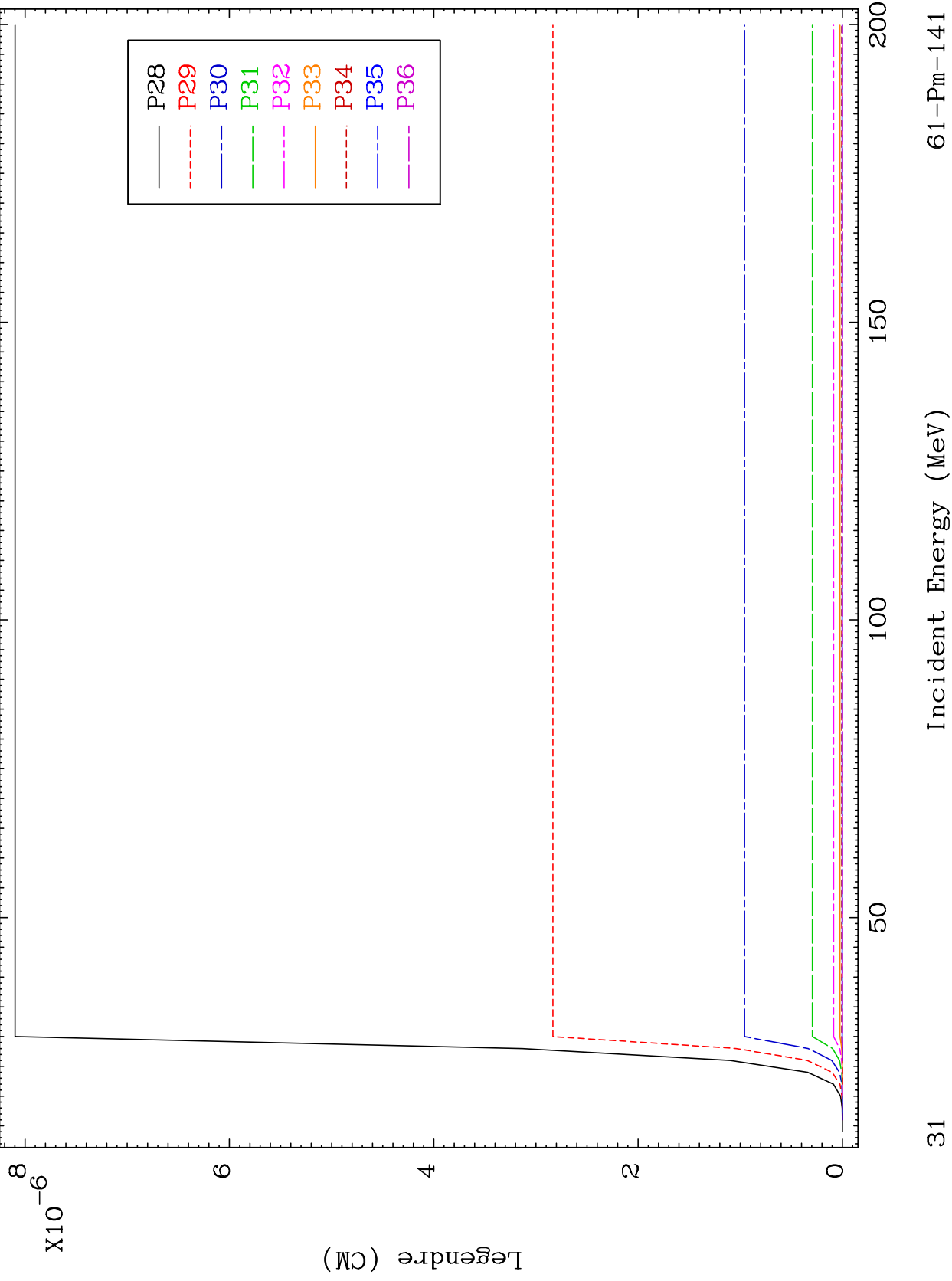
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



31

Incident Energy (MeV)

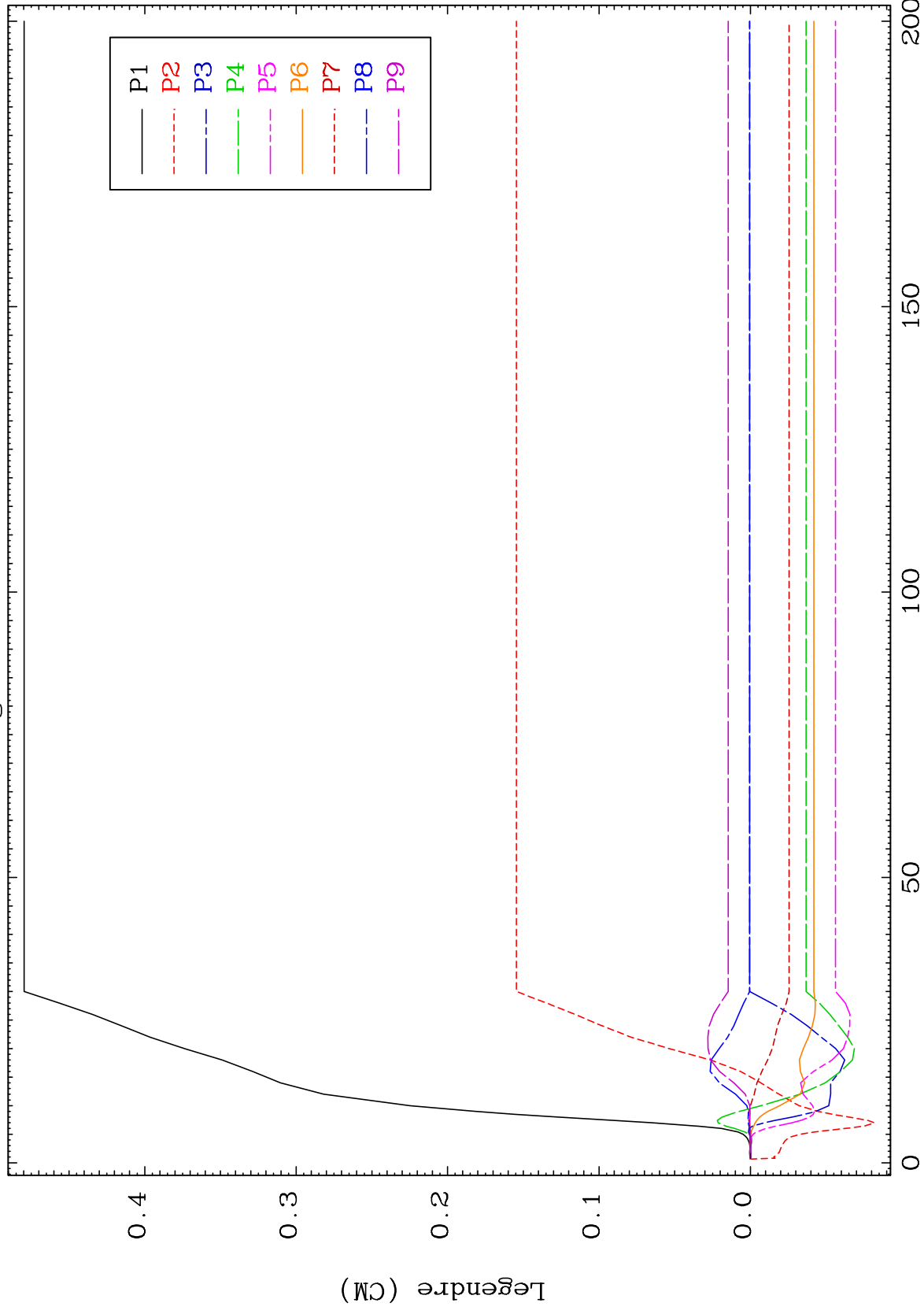
61-Pm-141

MAT 6131

MT= 54 (n,n') Level

61-Pm-141

Legendre Coefficients



32

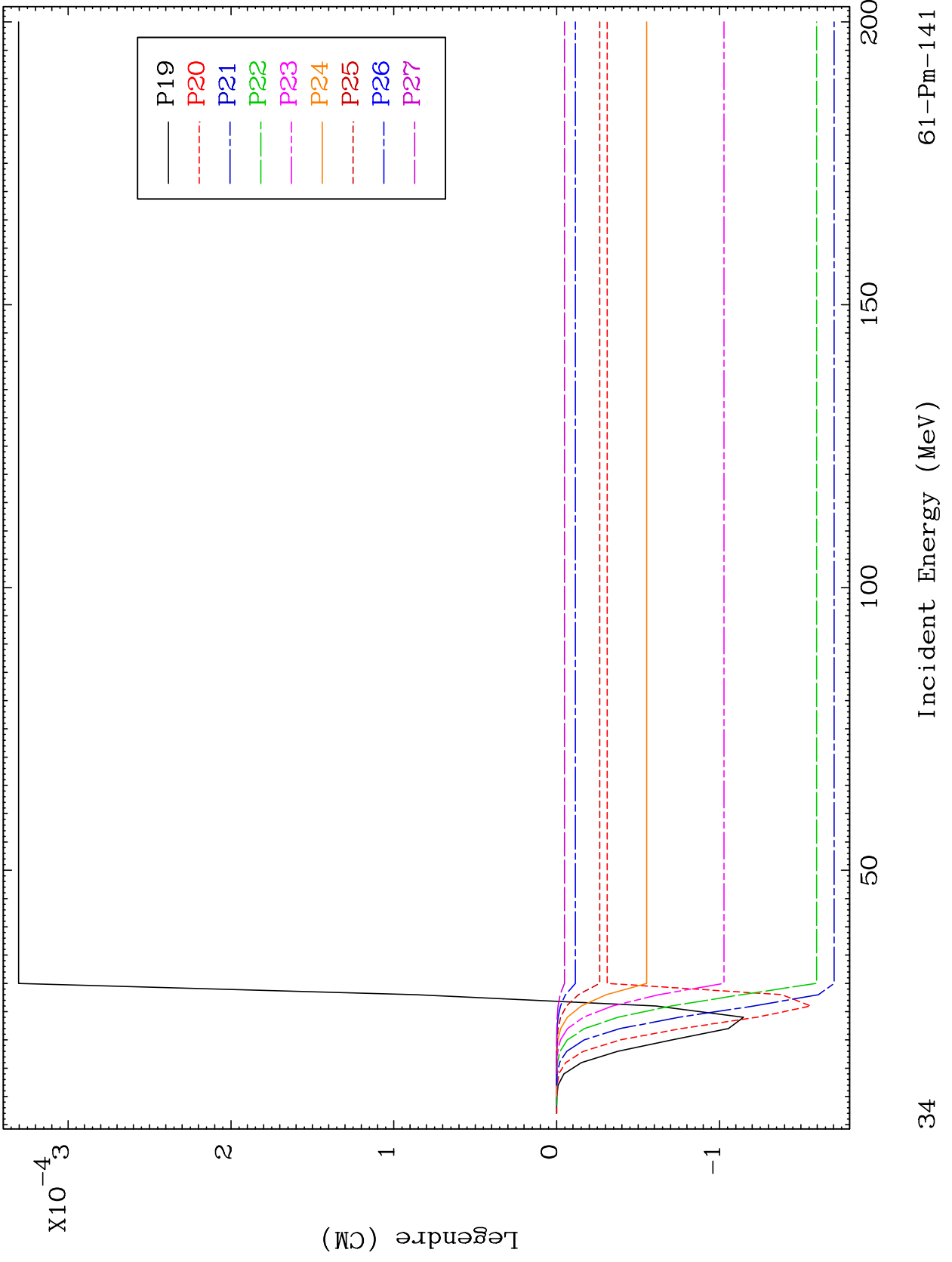
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



34

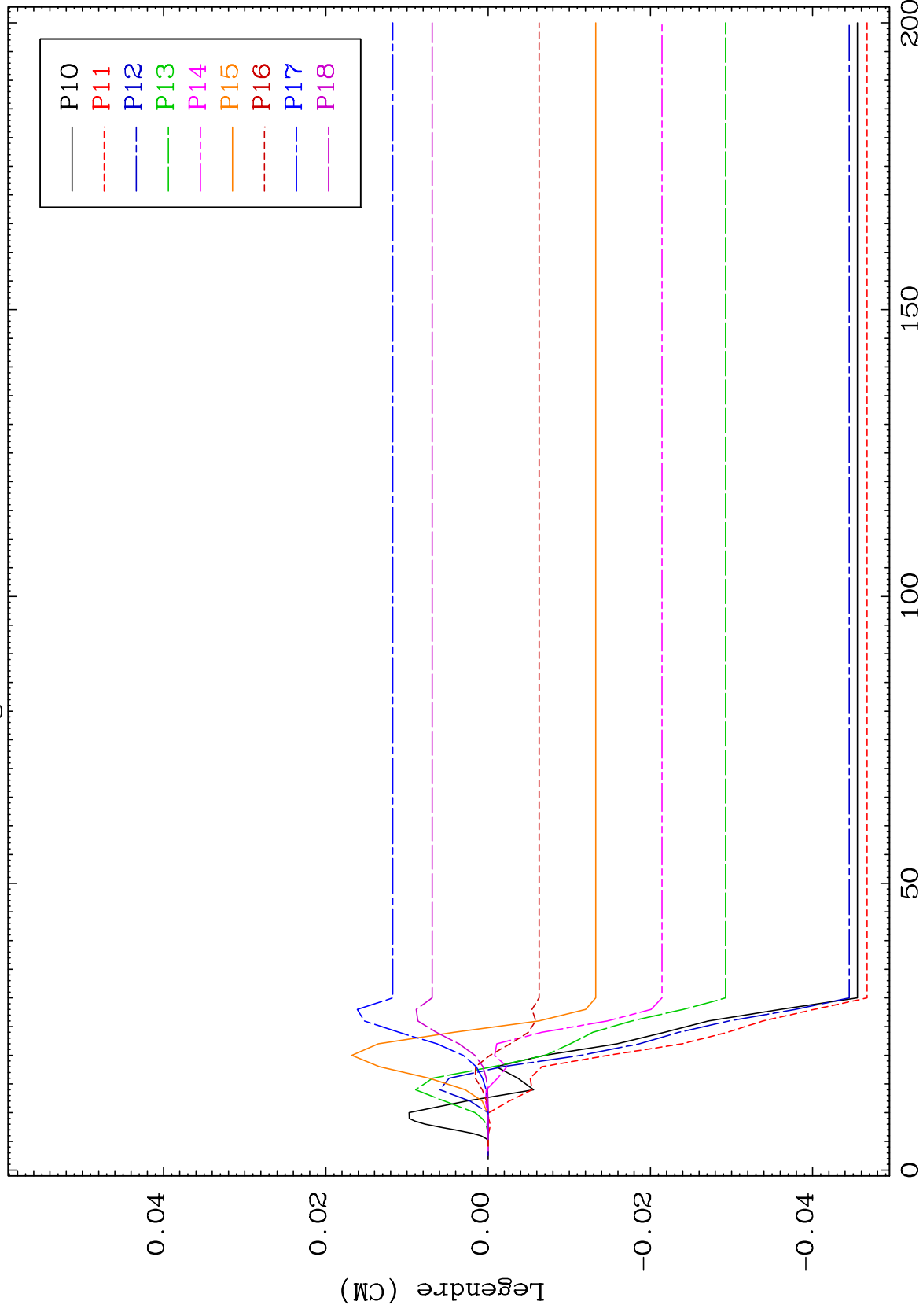
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

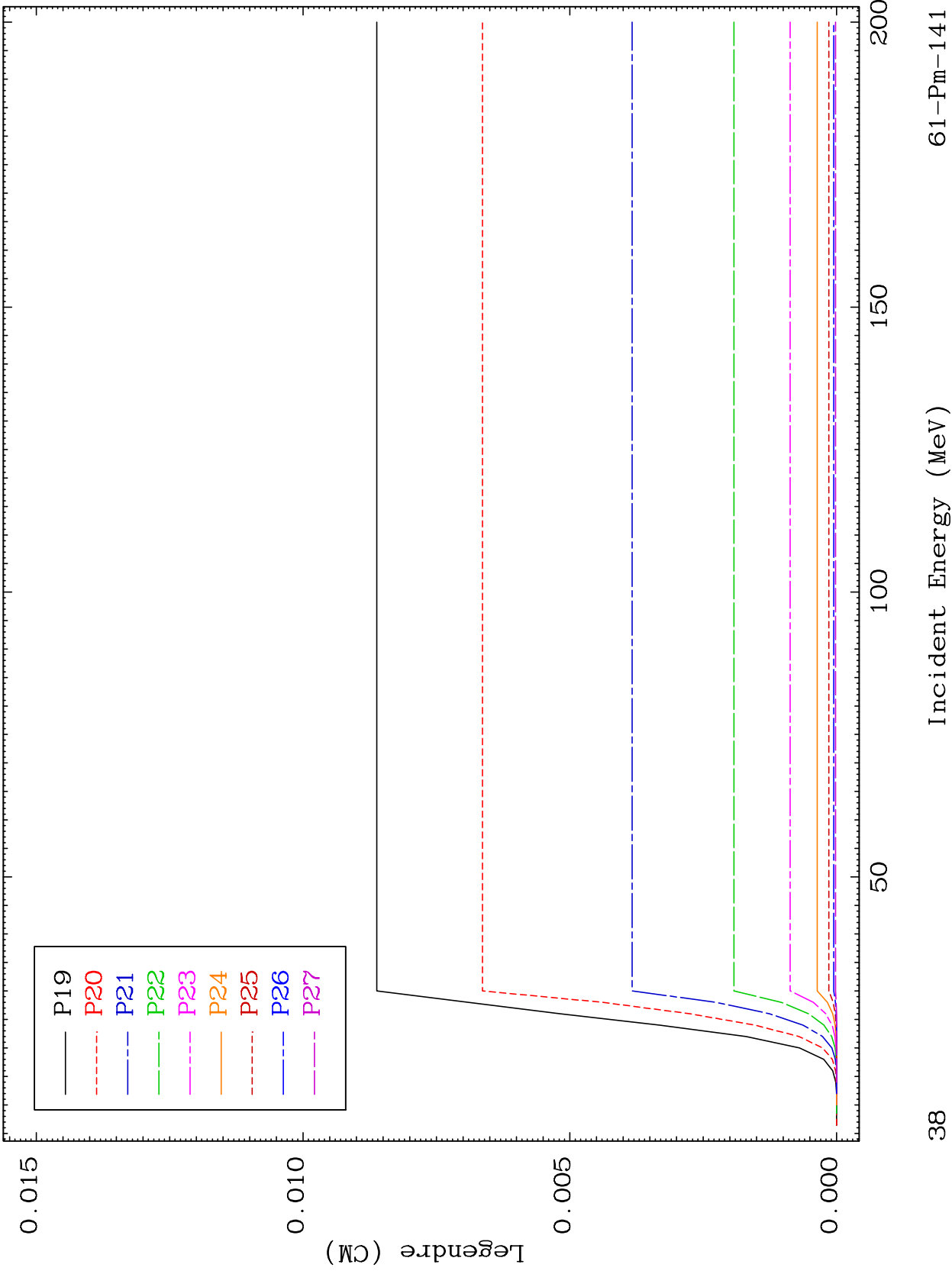
61-Pm-141



37

Incident Energy (MeV)

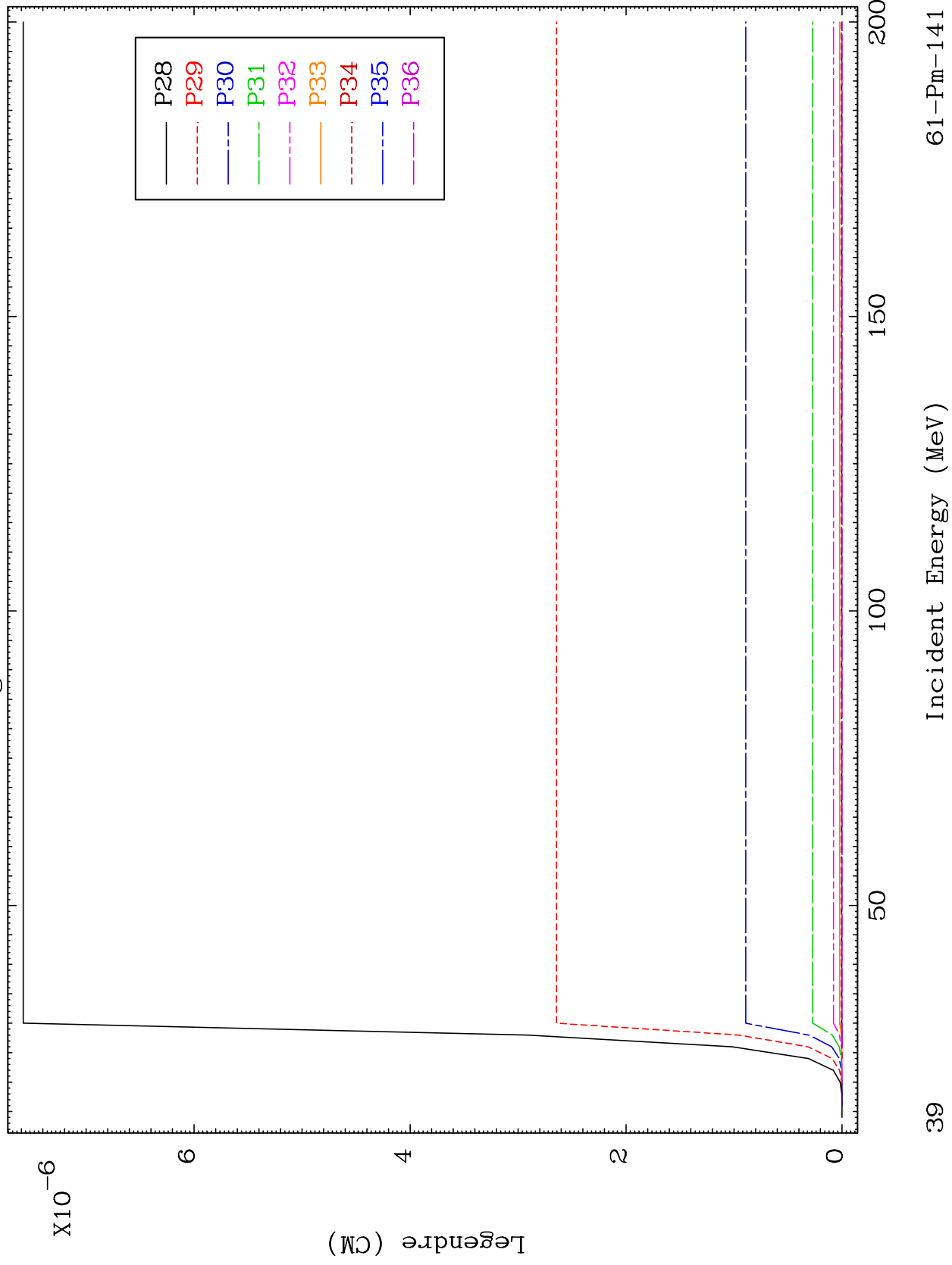
61-Pm-141



MAT 6131

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

61-Pm-141



39

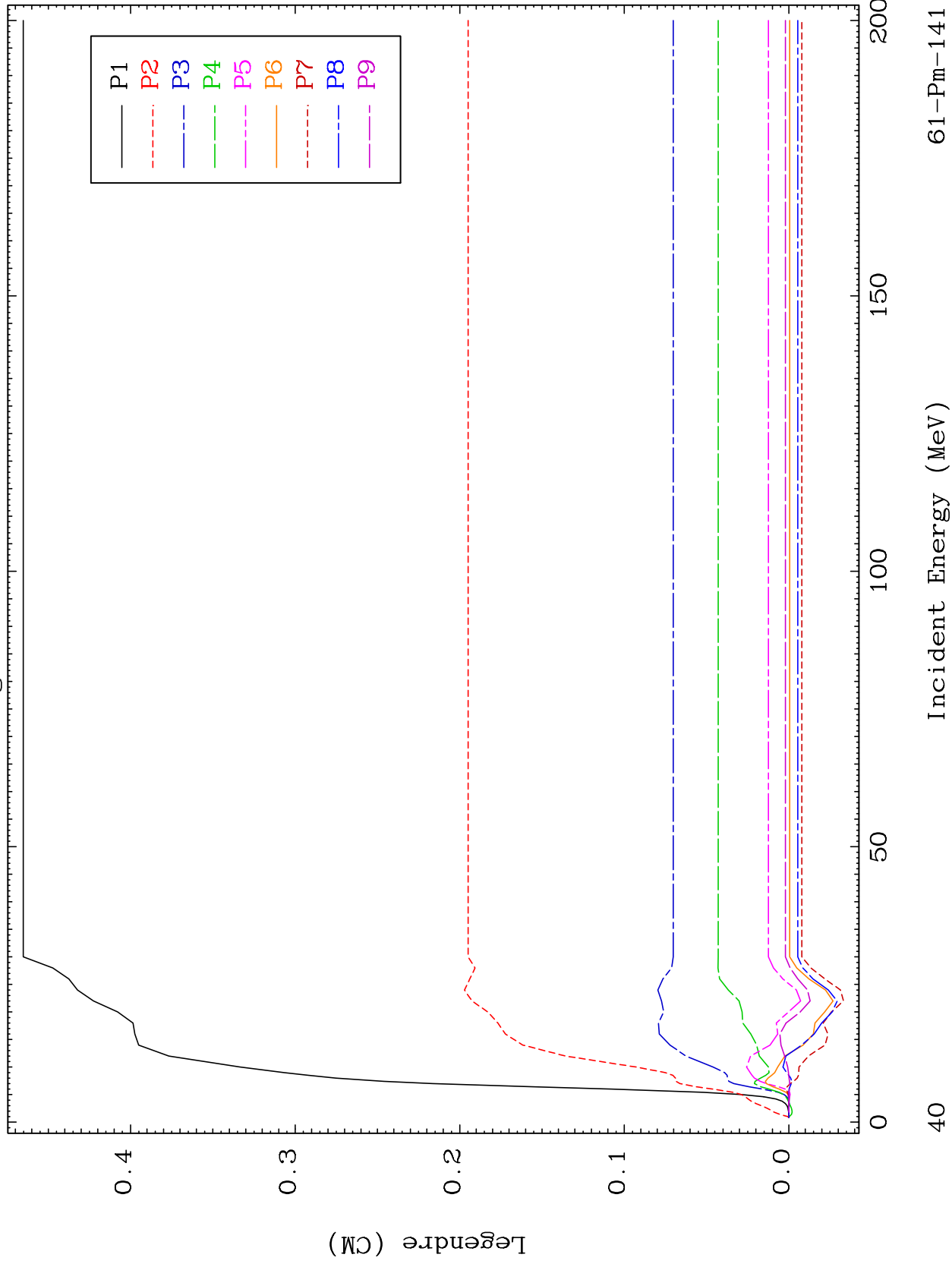
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

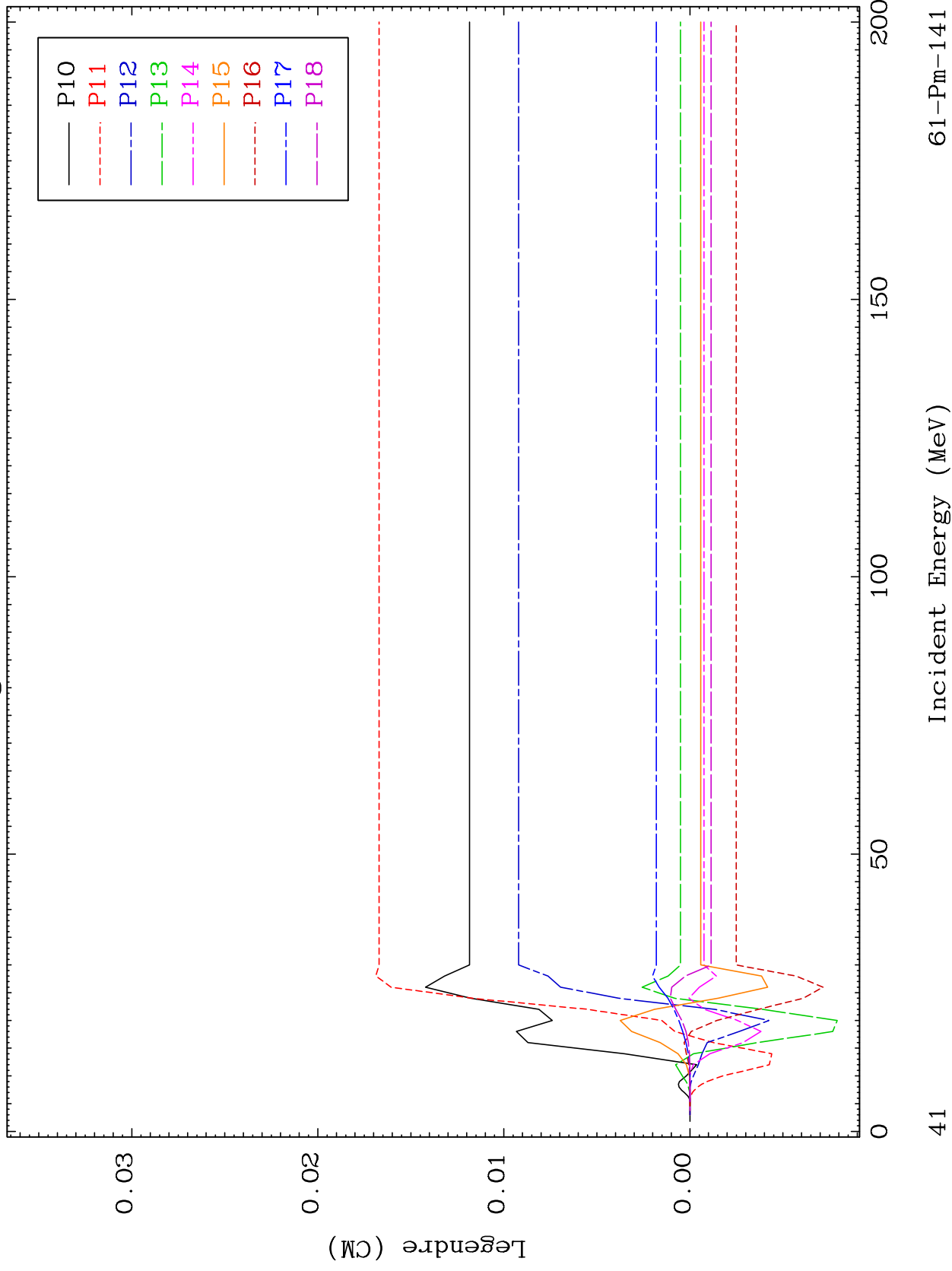
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MAT 6131

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

61-Pm-141



41

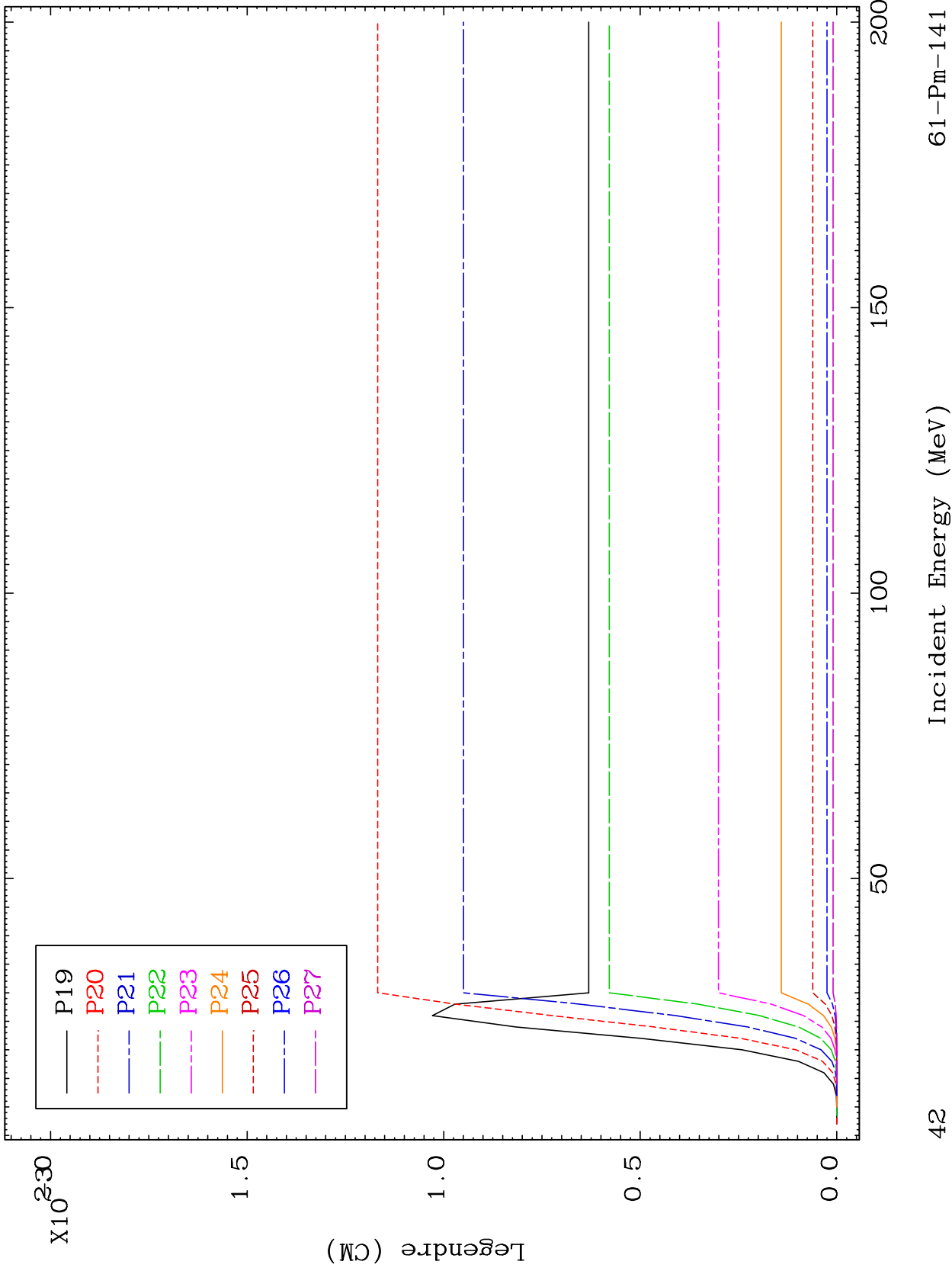
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



42

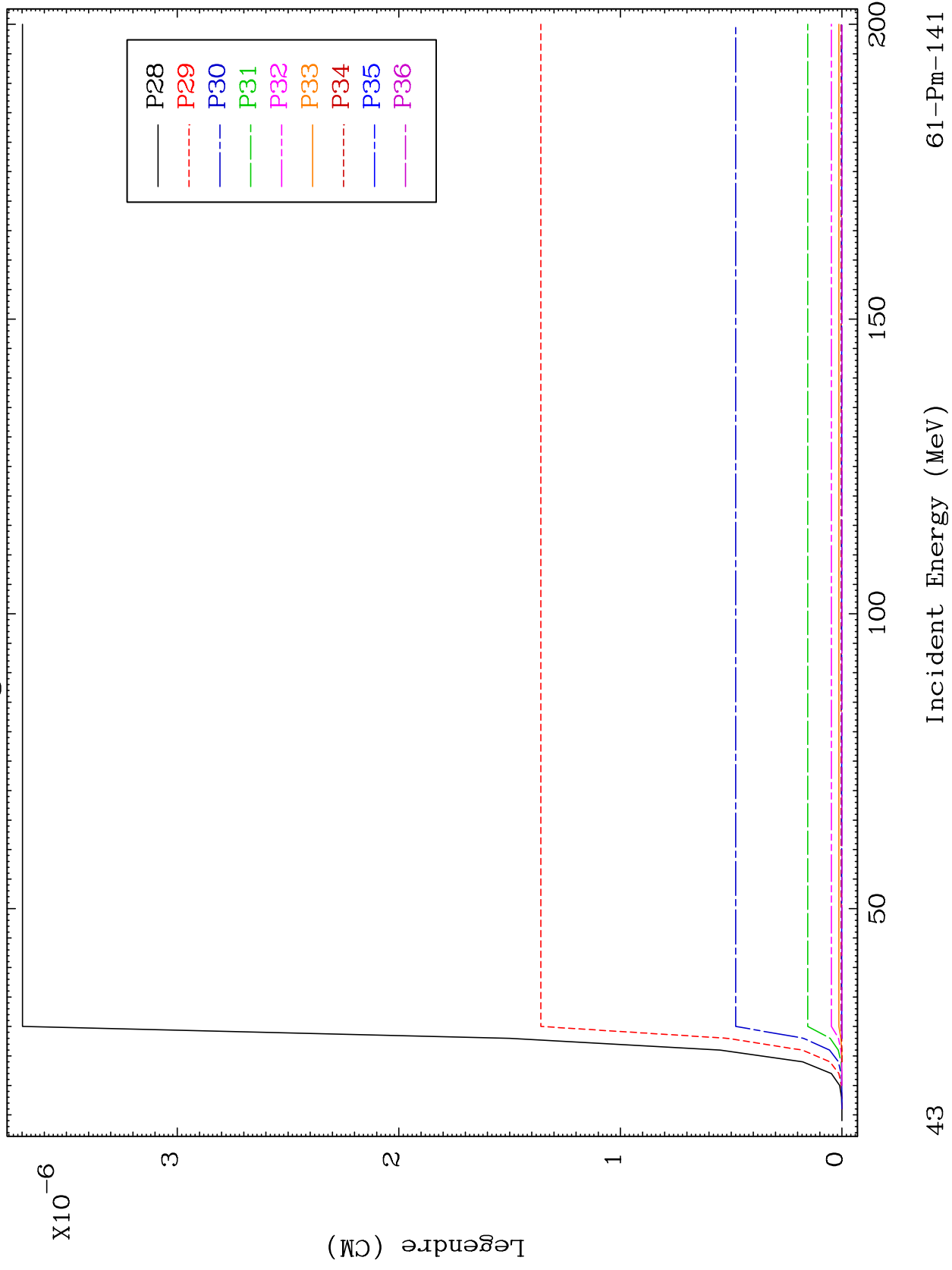
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

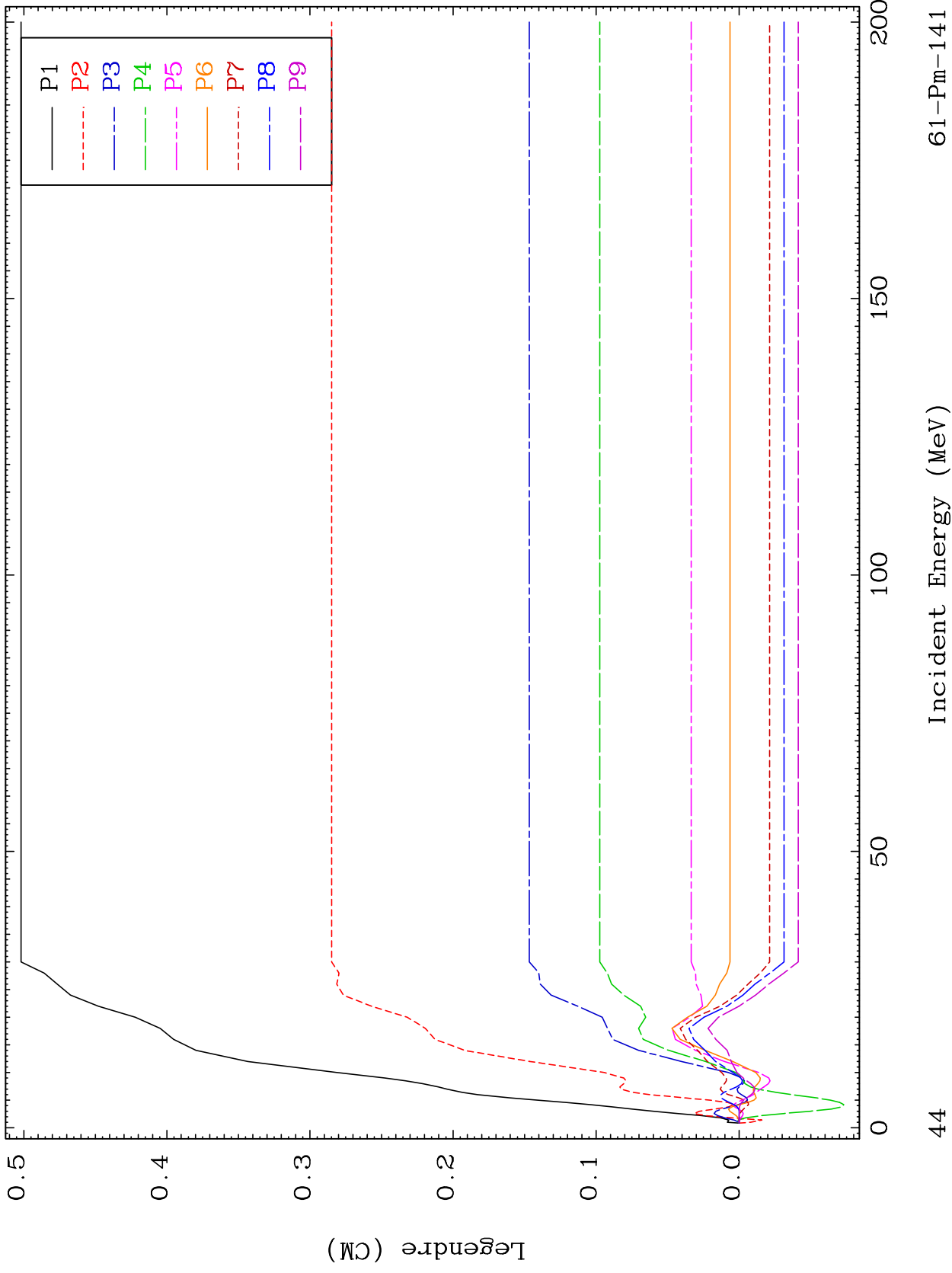
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MAT 6131

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

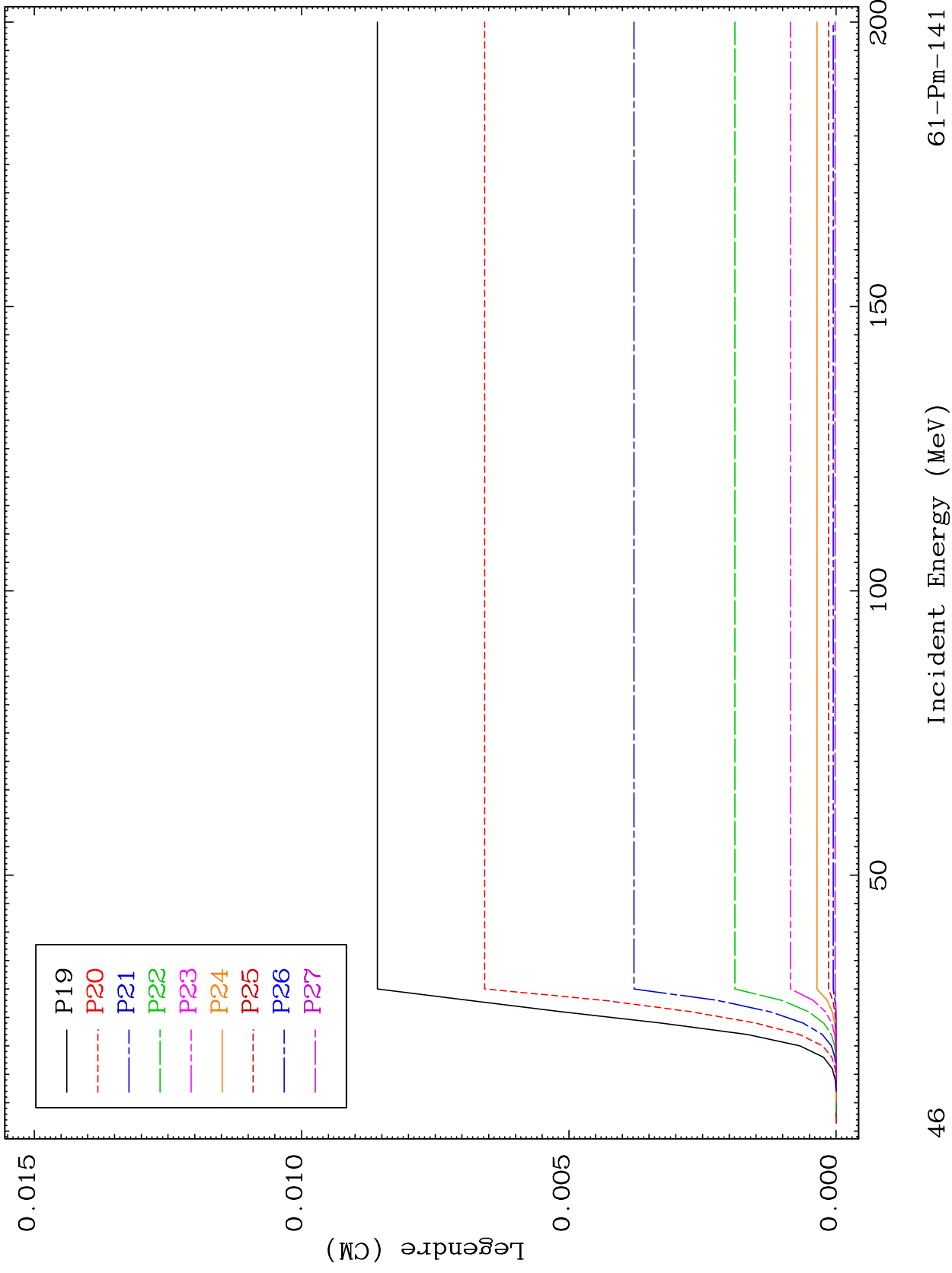
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MAT 6131

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

61-Pm-141



46

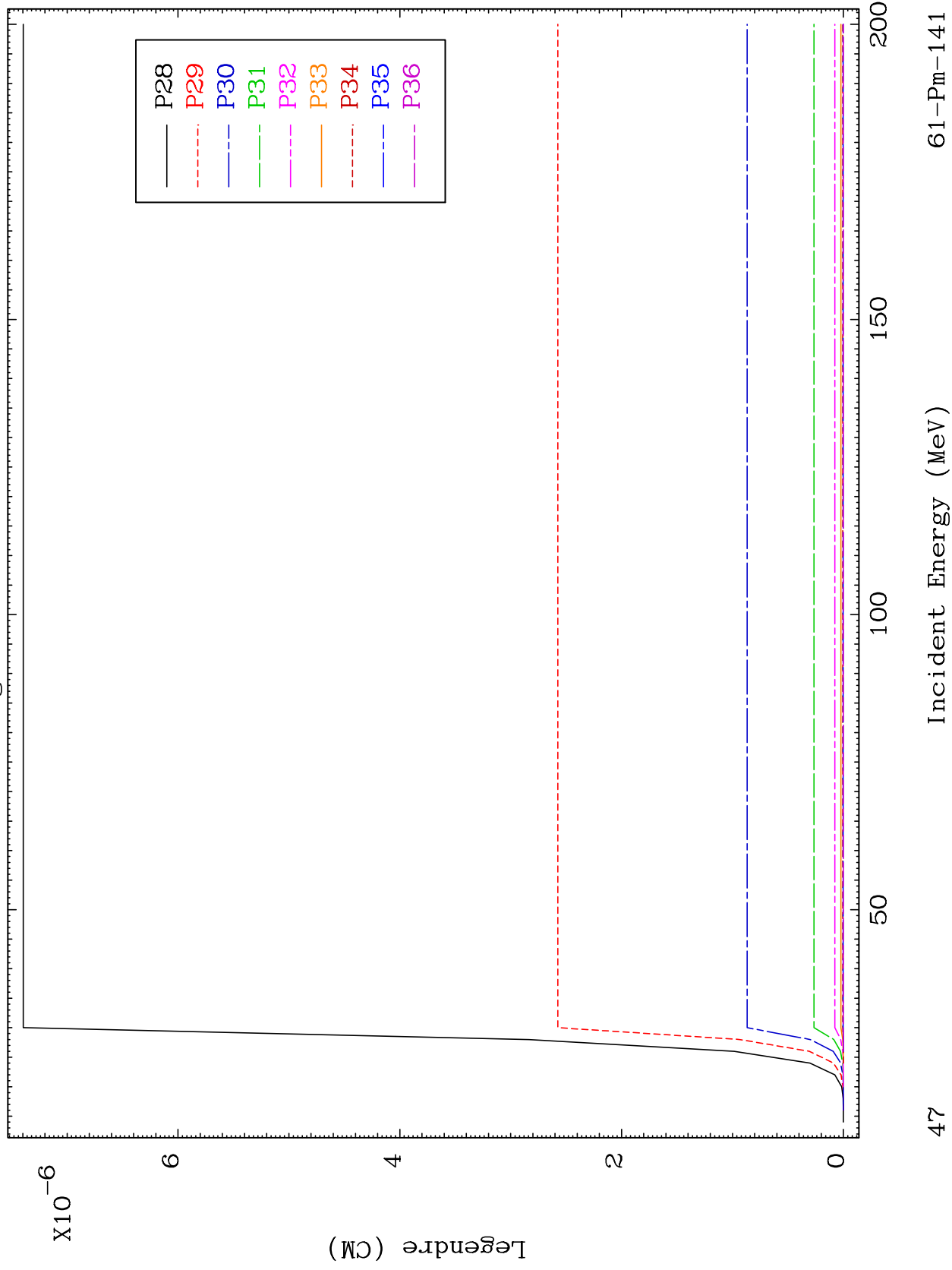
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



47

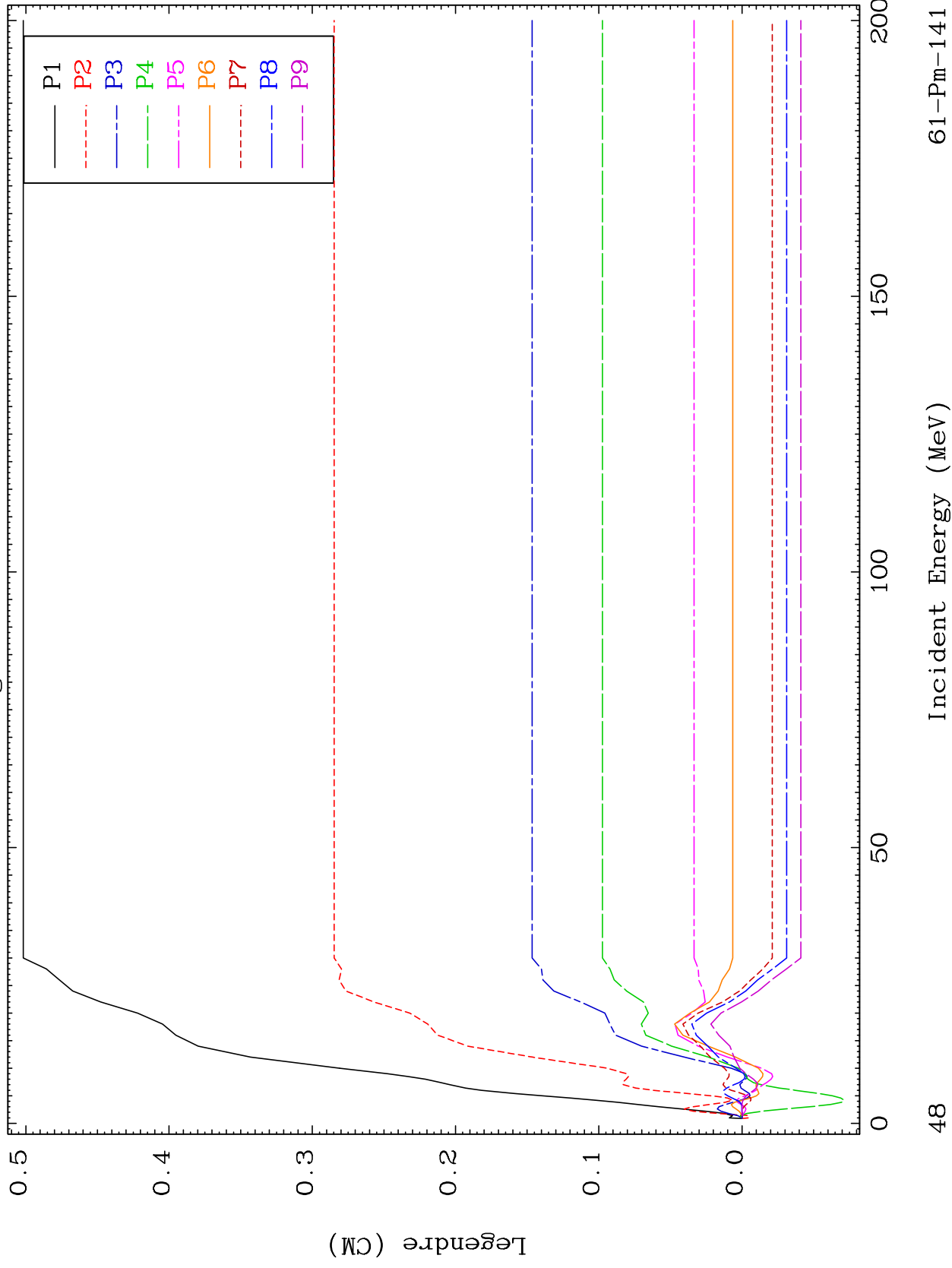
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



61-Pm-141

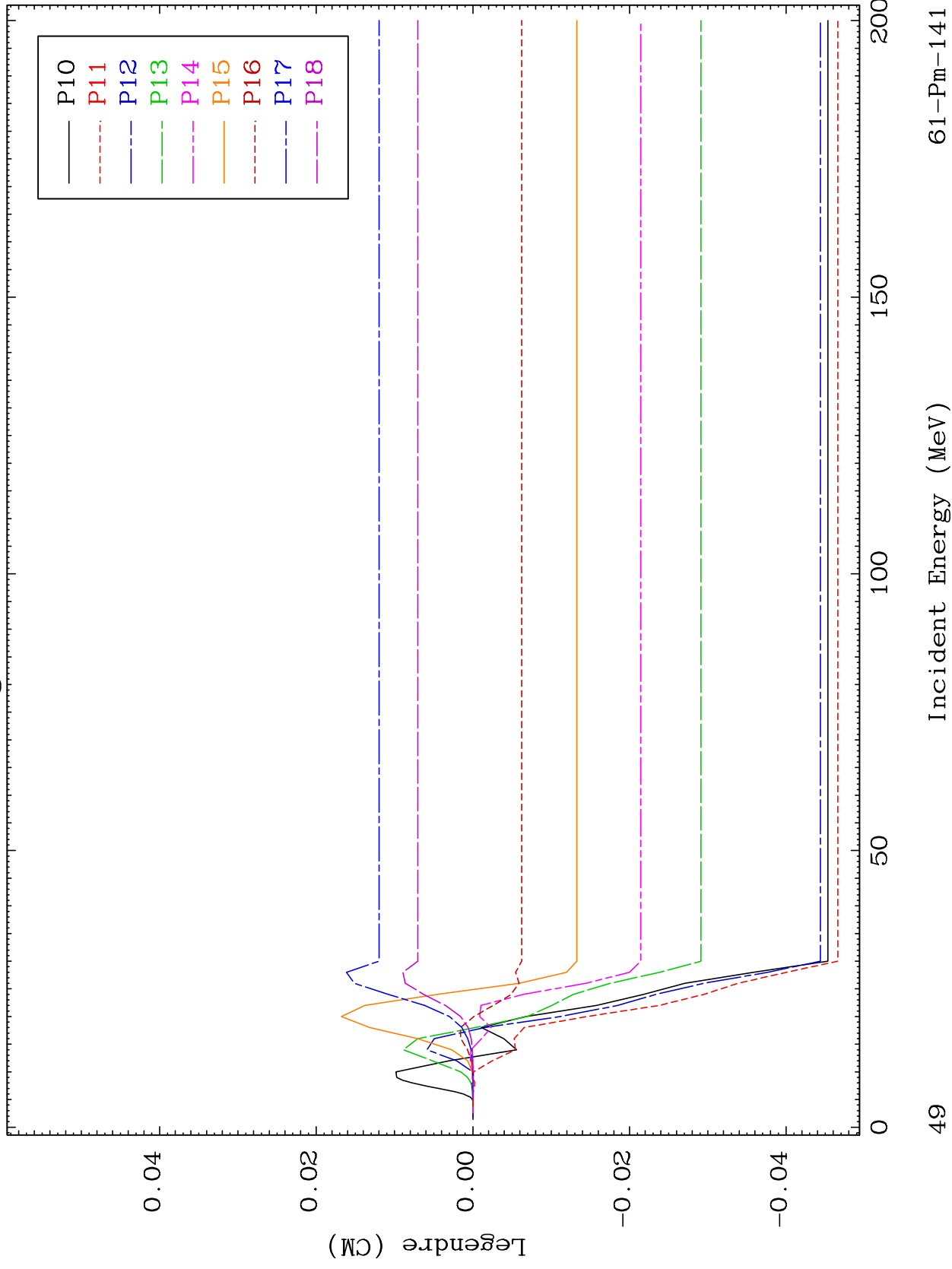
Incident Energy (MeV)

48

MAT 6131

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

61-Pm-141



49

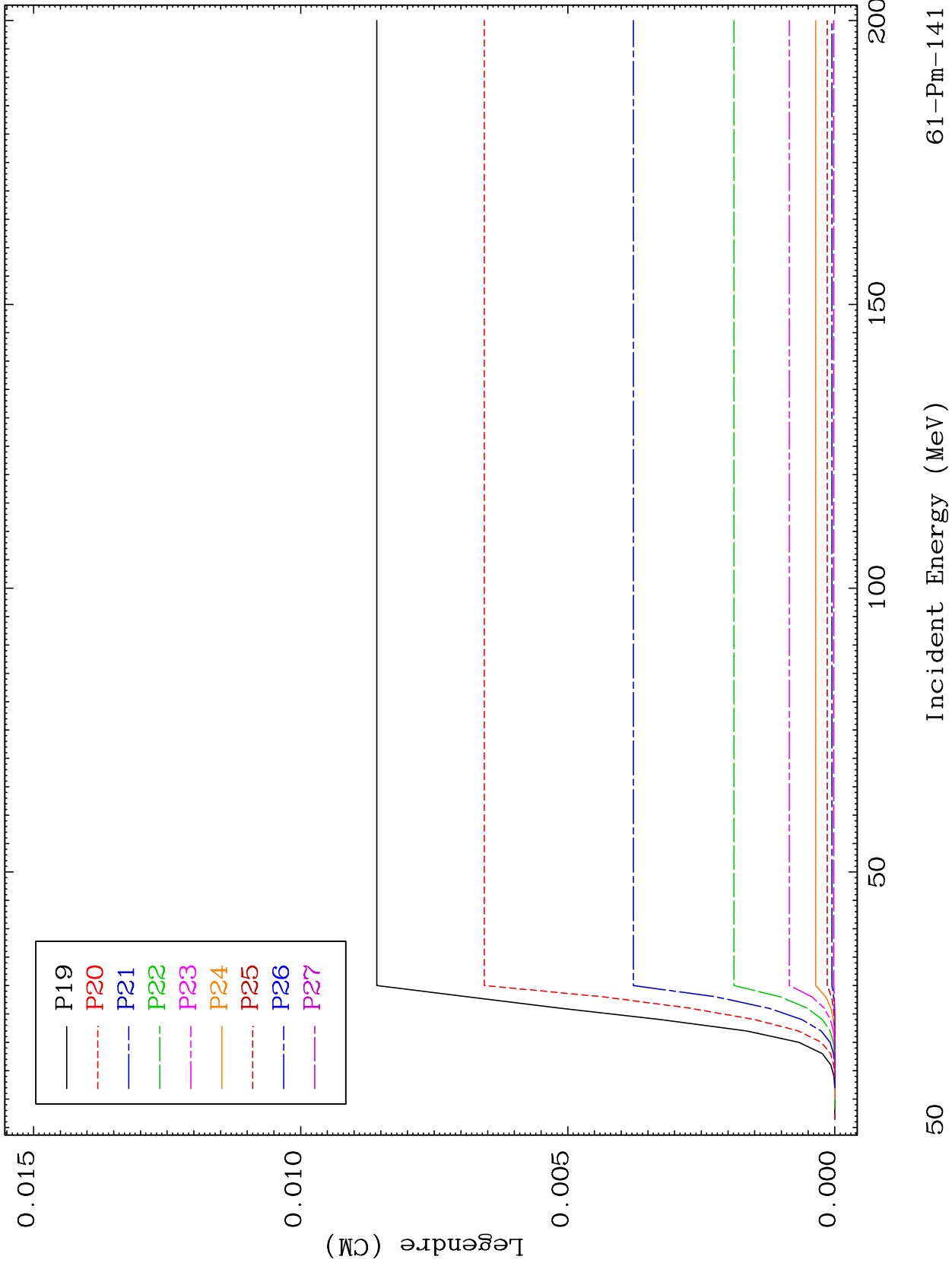
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

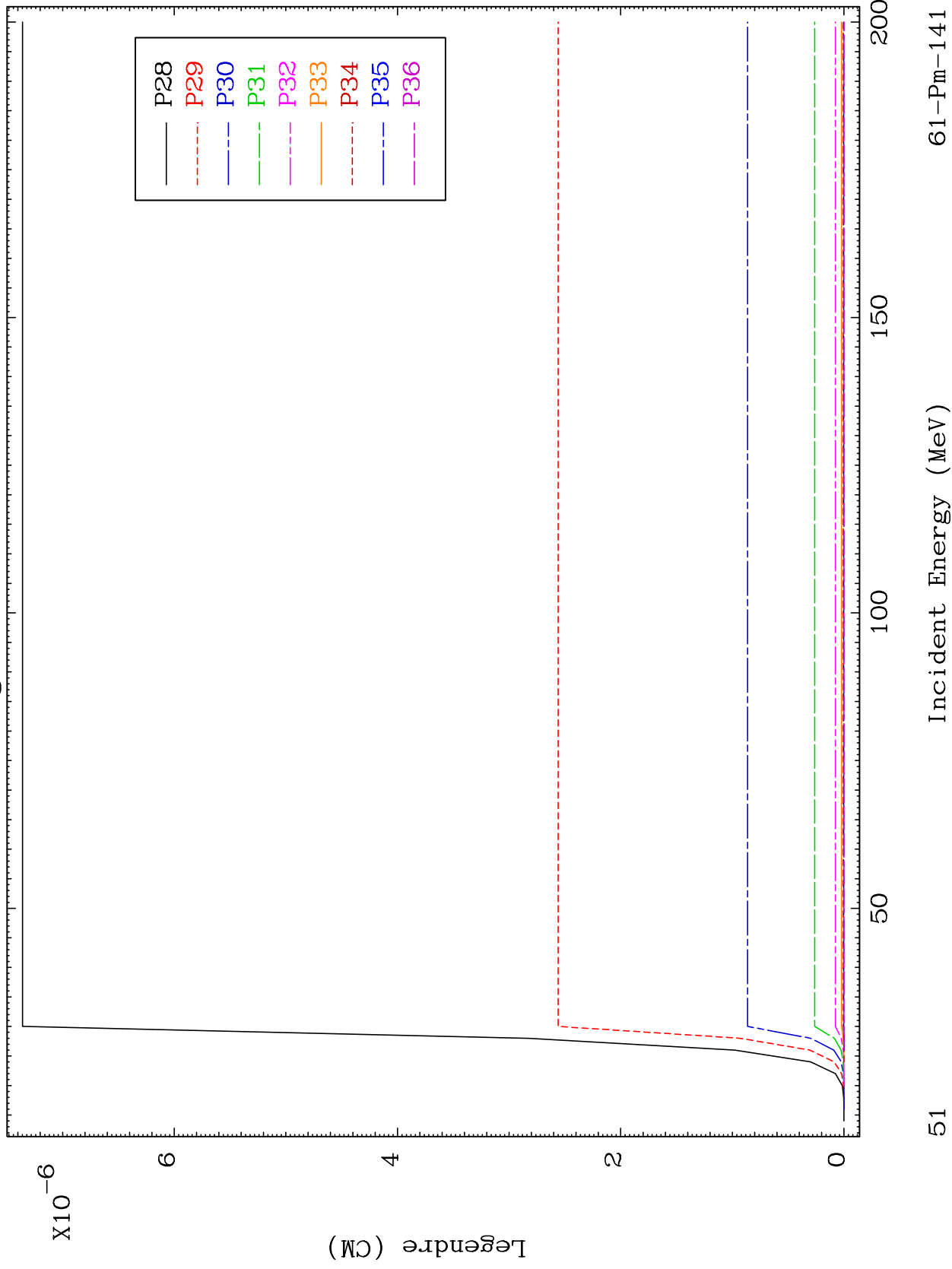
61-Pm-141



MAT 6131

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

61-Pm-141



51

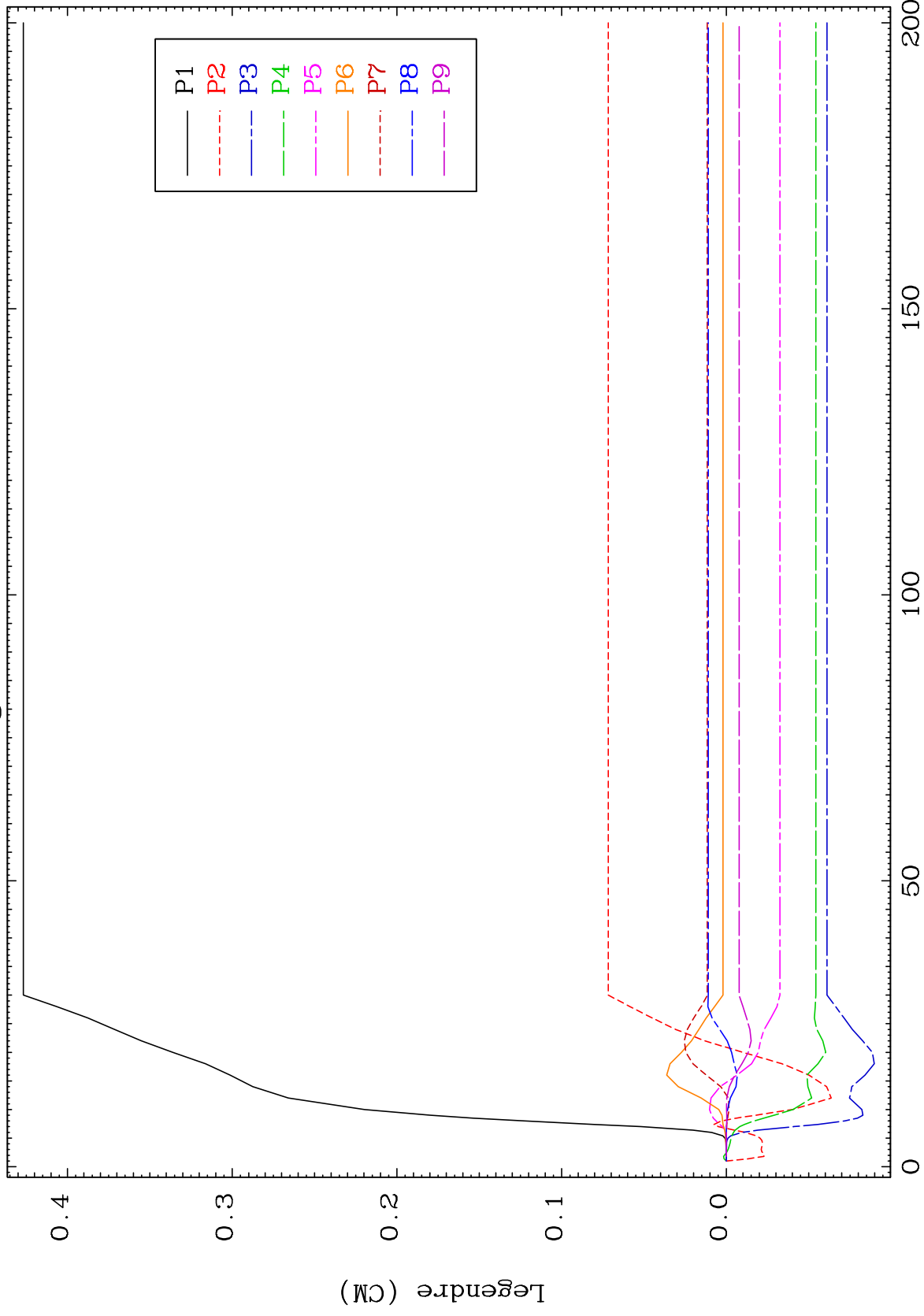
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



52

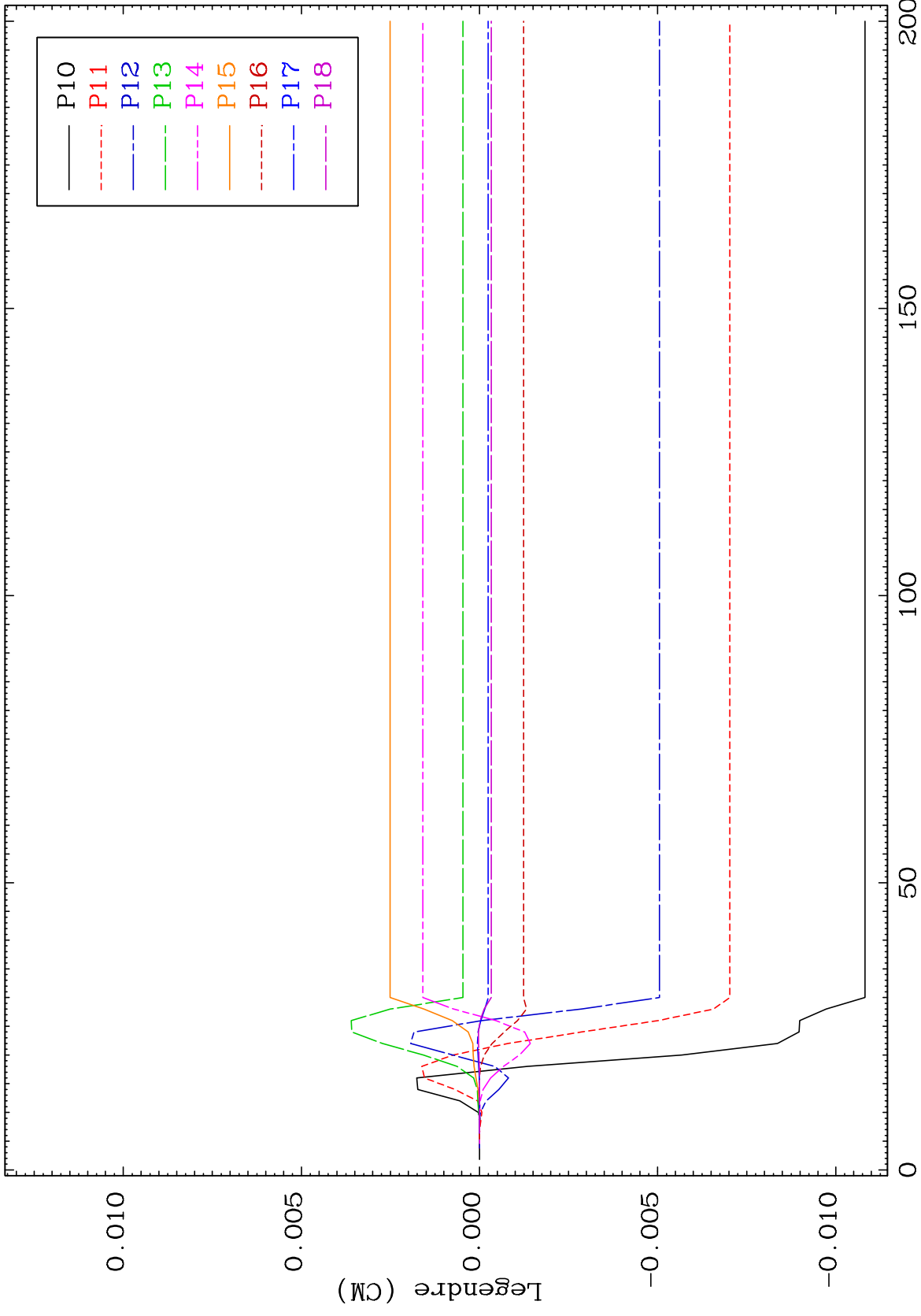
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

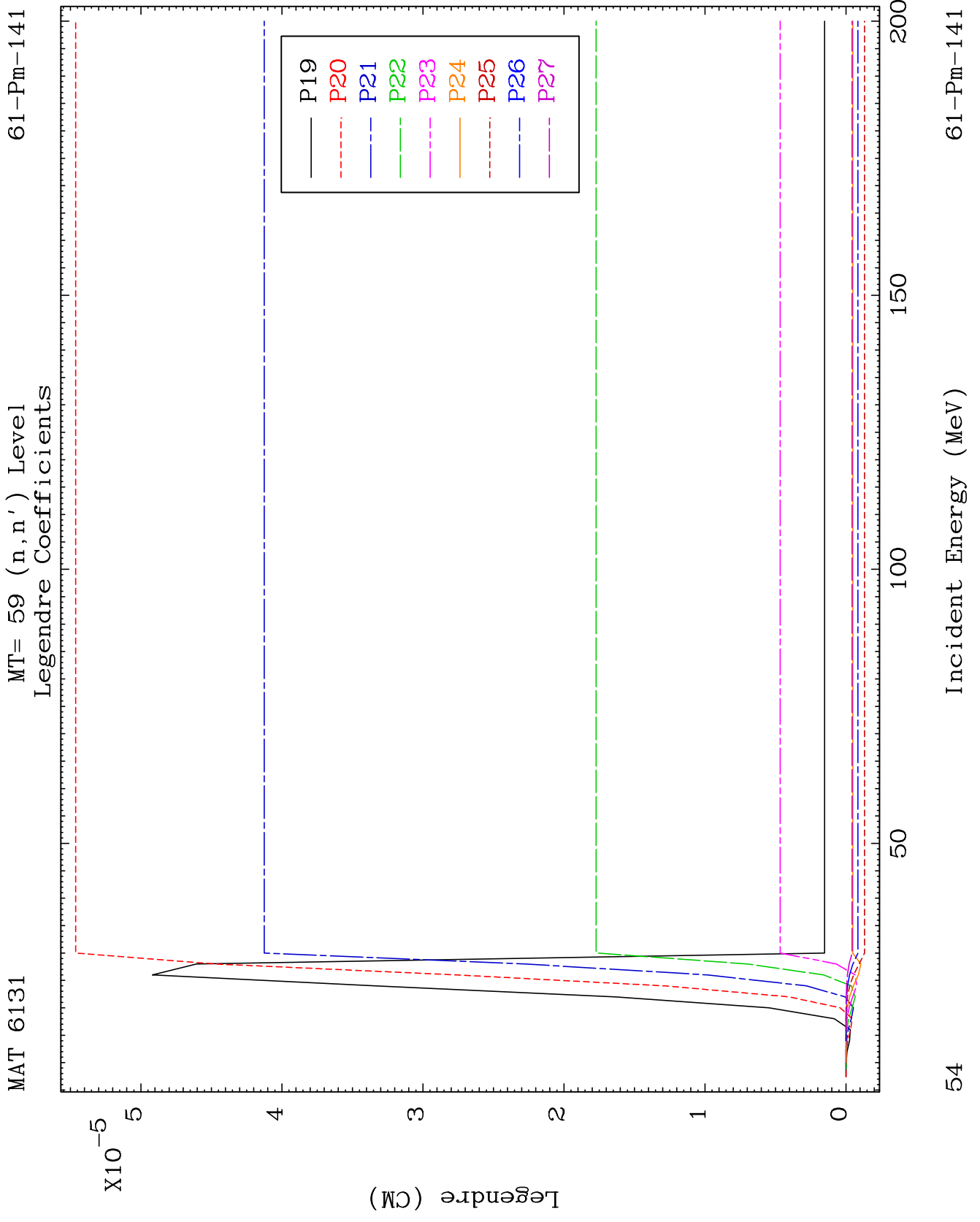
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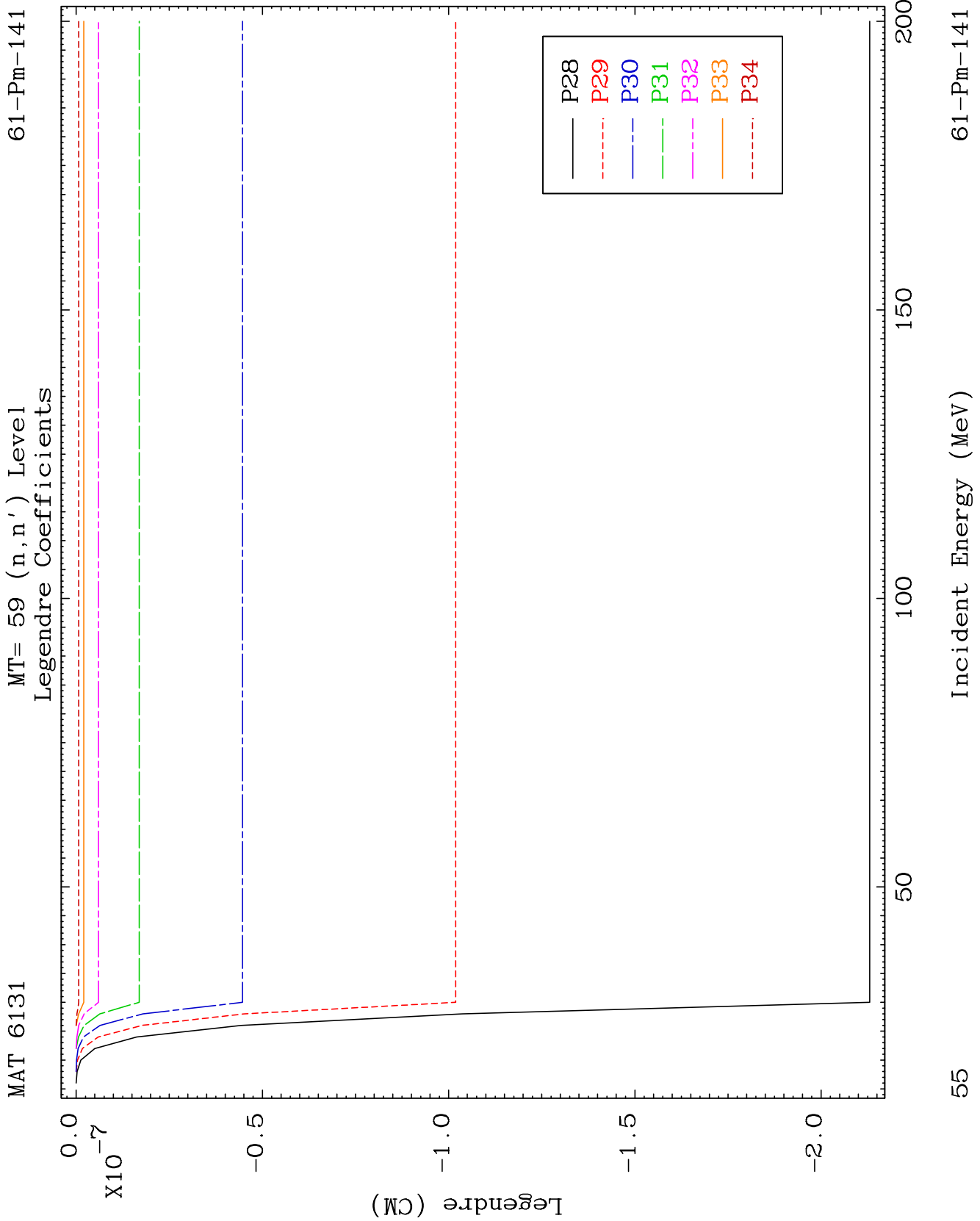


53

Incident Energy (MeV)

61-Pm-141

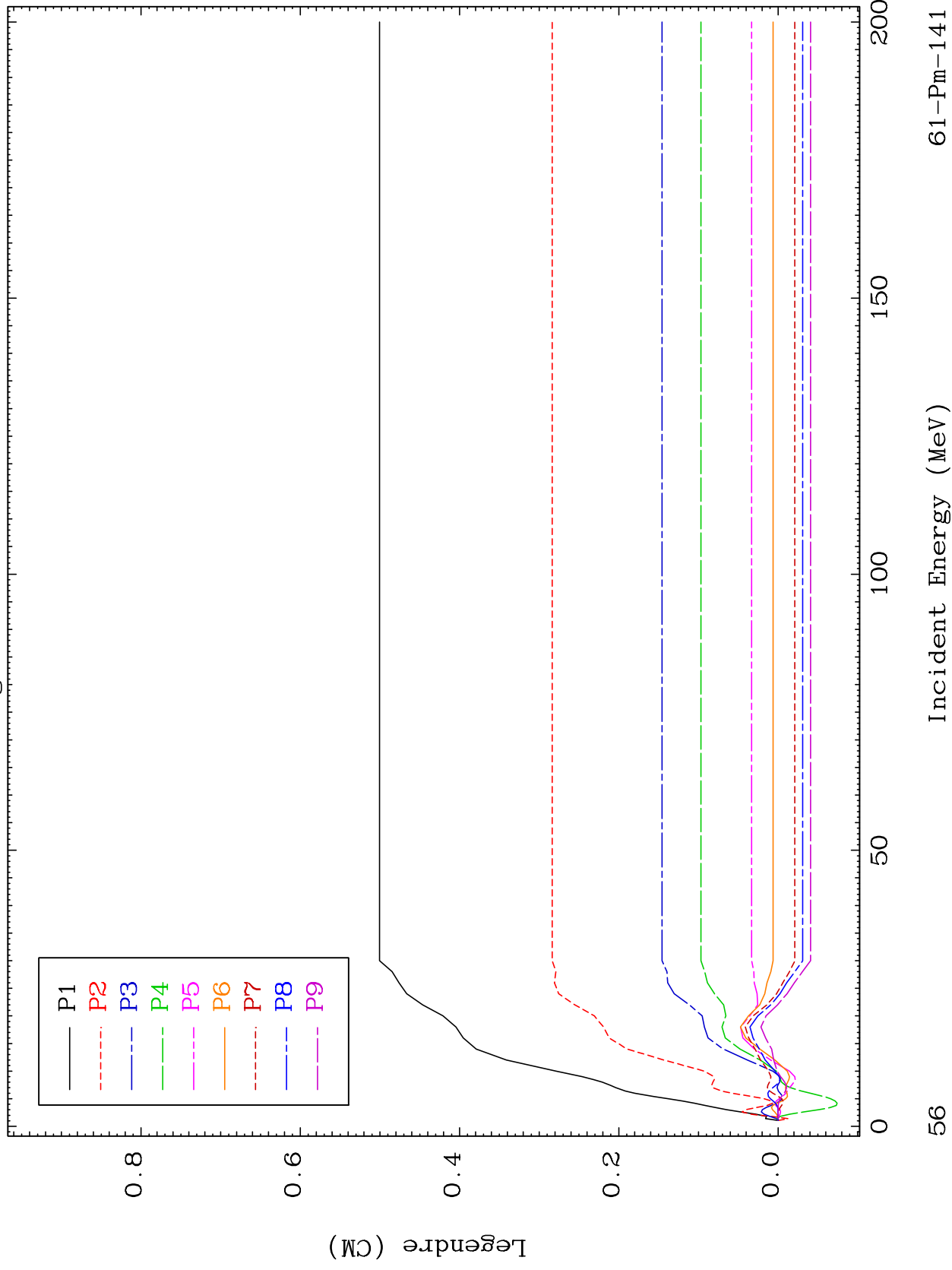




MAT 6131

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

61-Pm-141



61-Pm-141

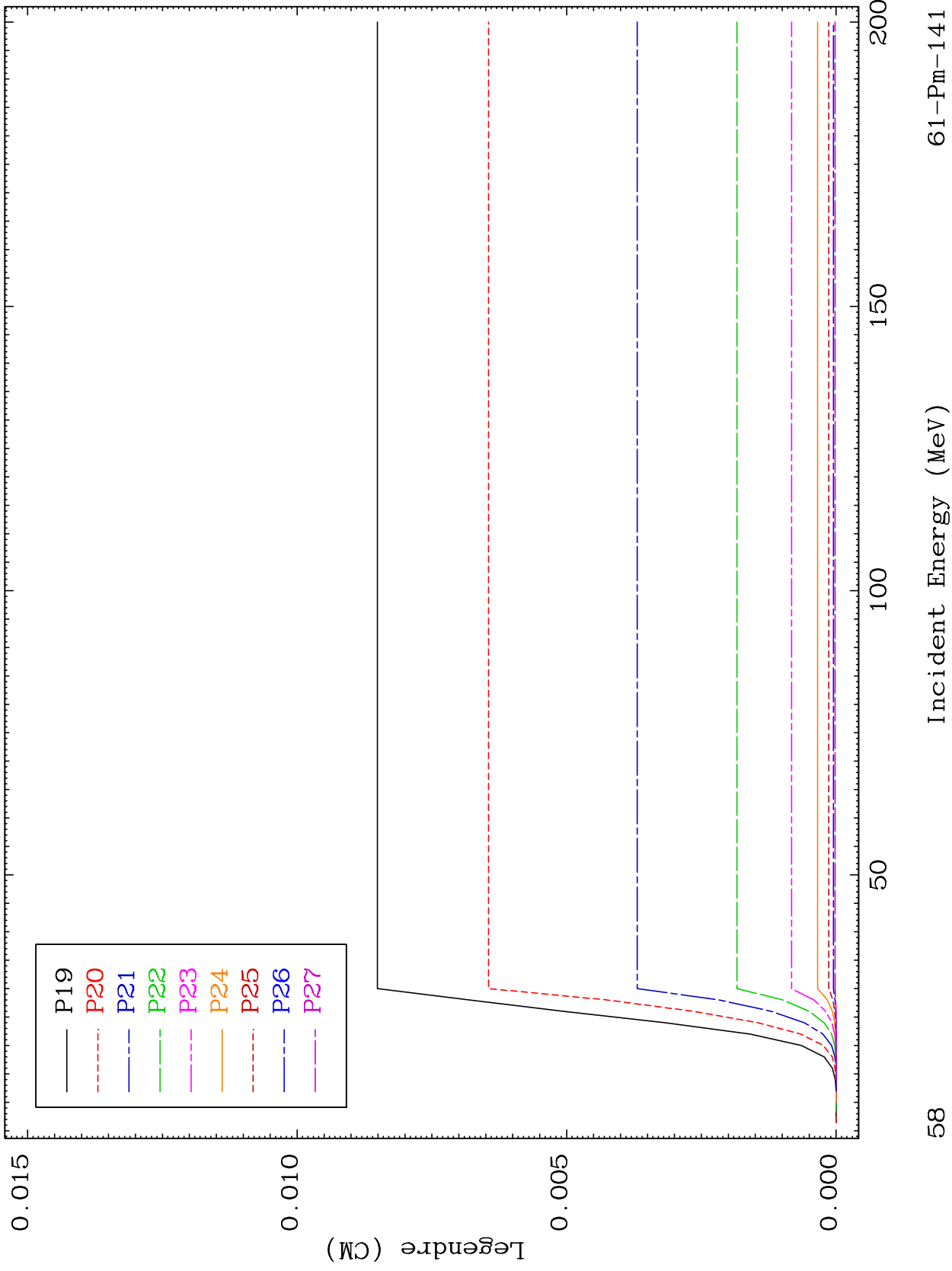
Incident Energy (MeV)

56

MAT 6131

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

61-Pm-141



58

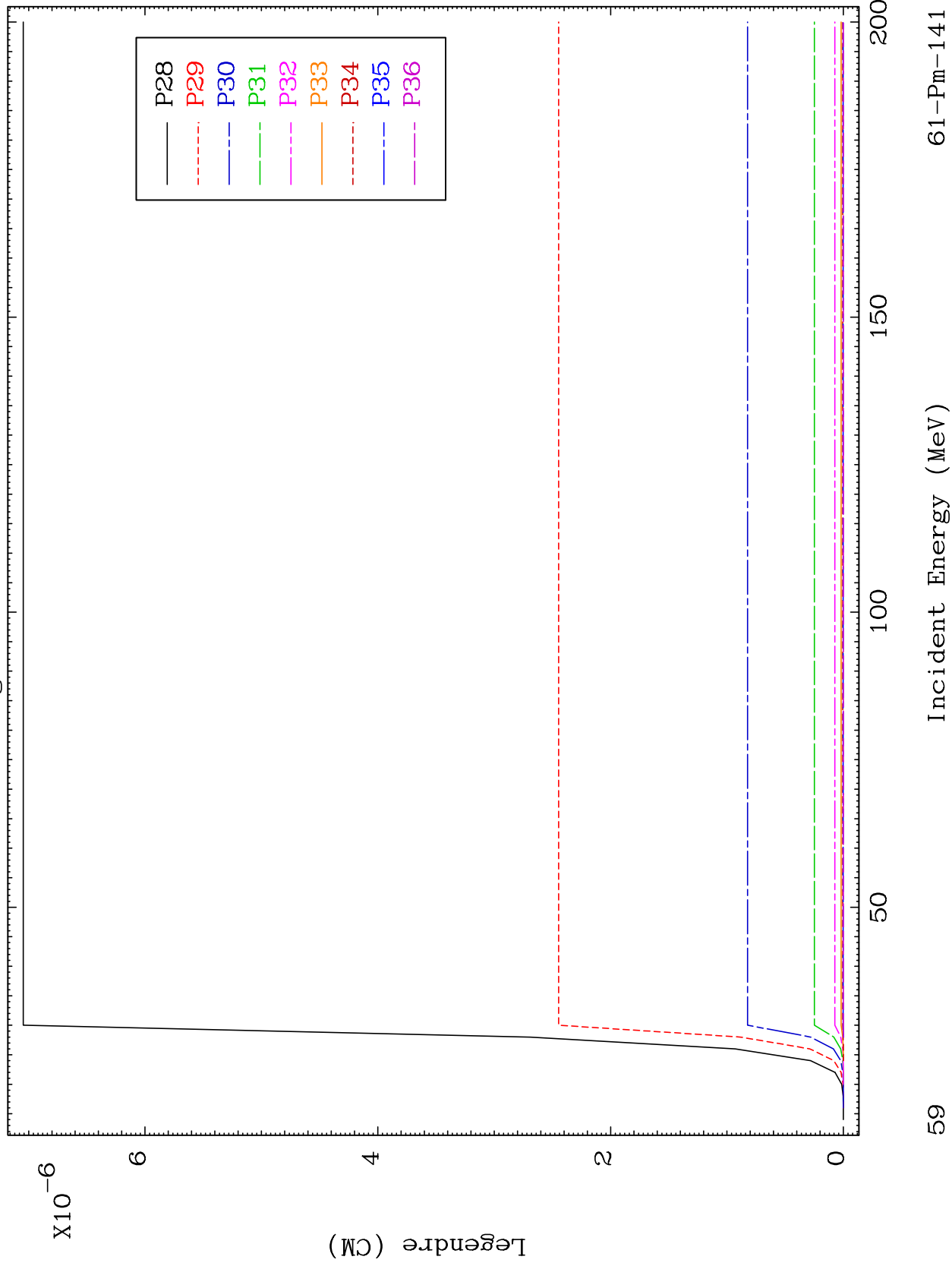
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



59

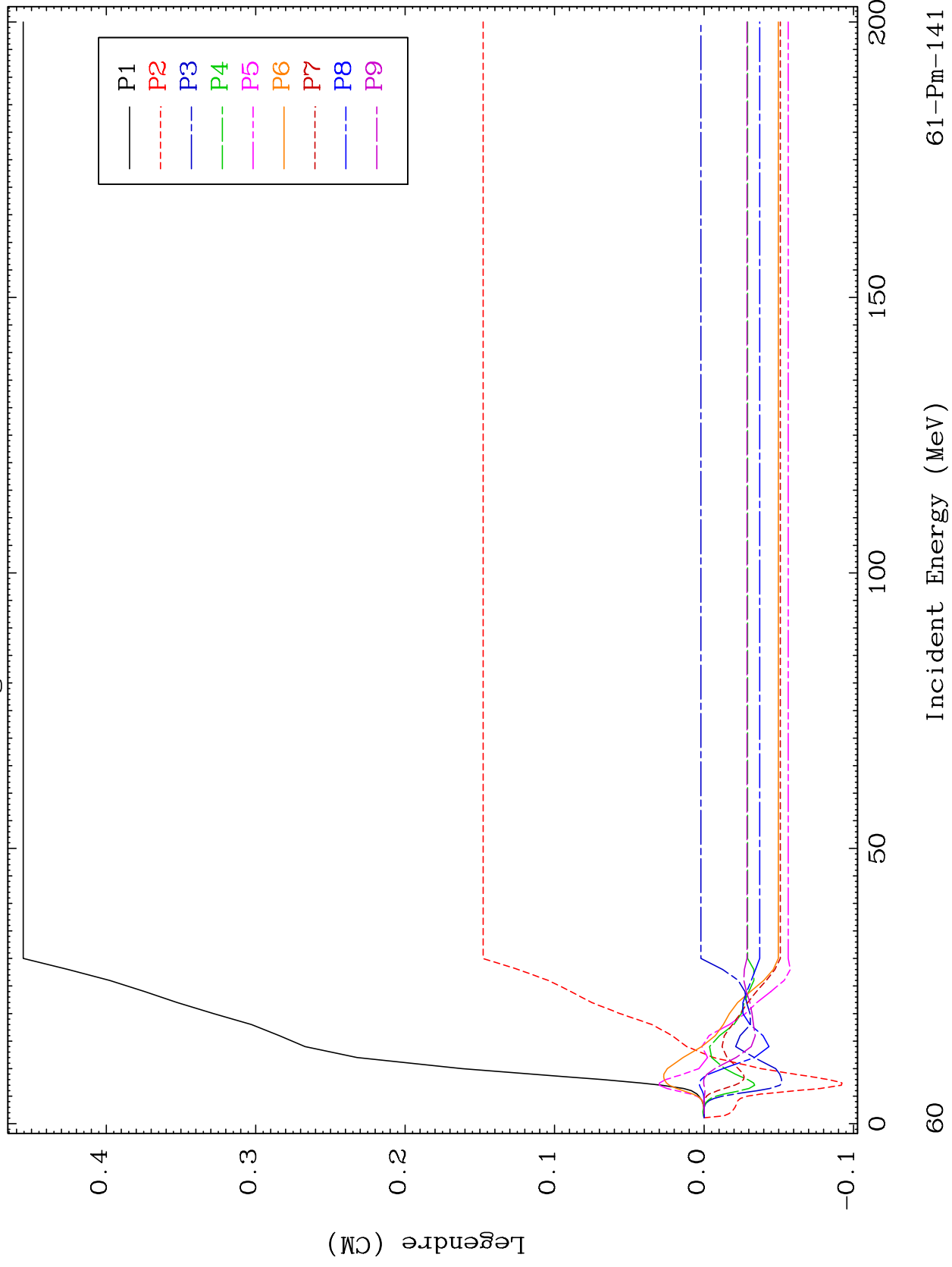
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



61-Pm-141

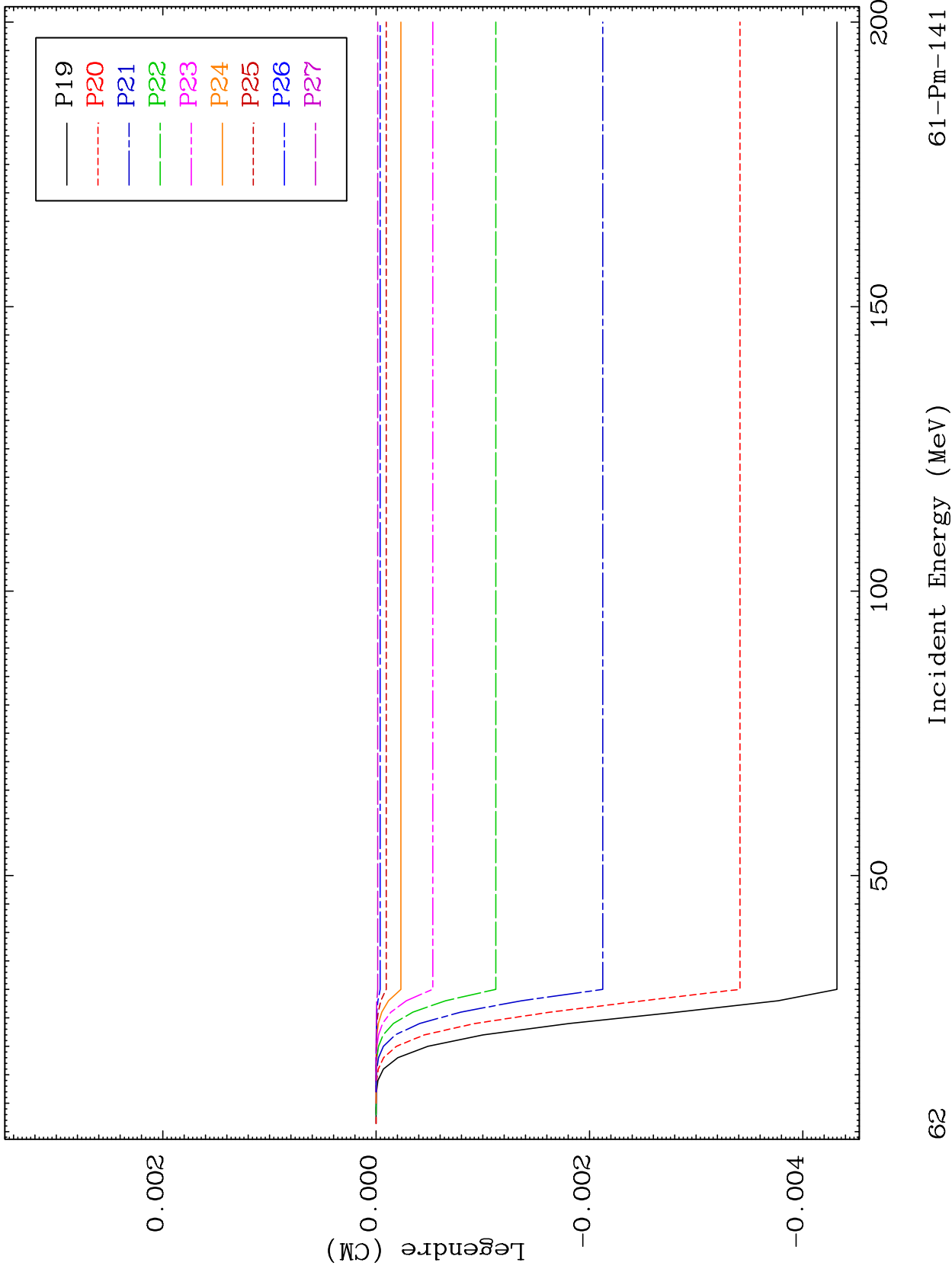
Incident Energy (MeV)

60

MAT 6131

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

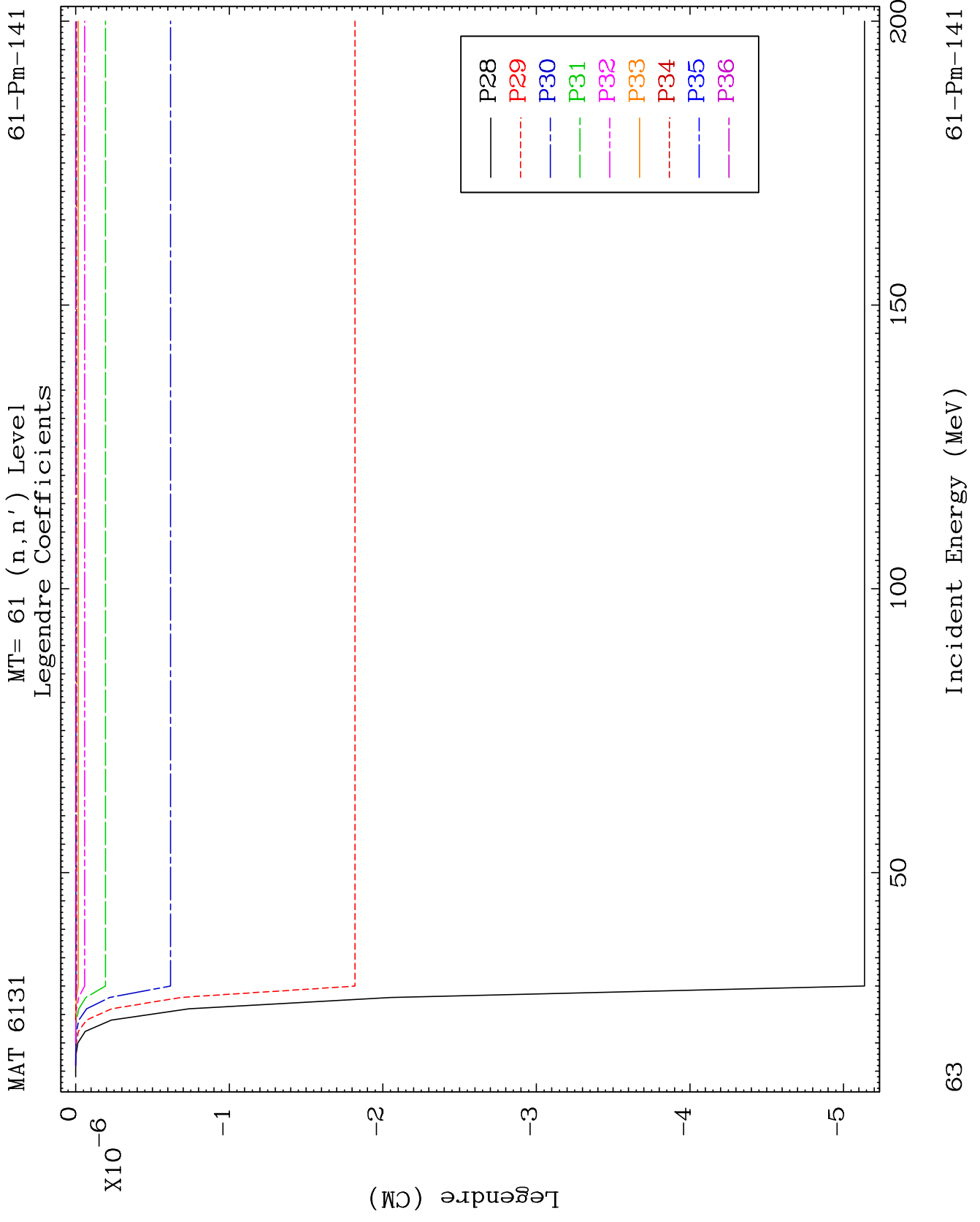
61-Pm-141



62

Incident Energy (MeV)

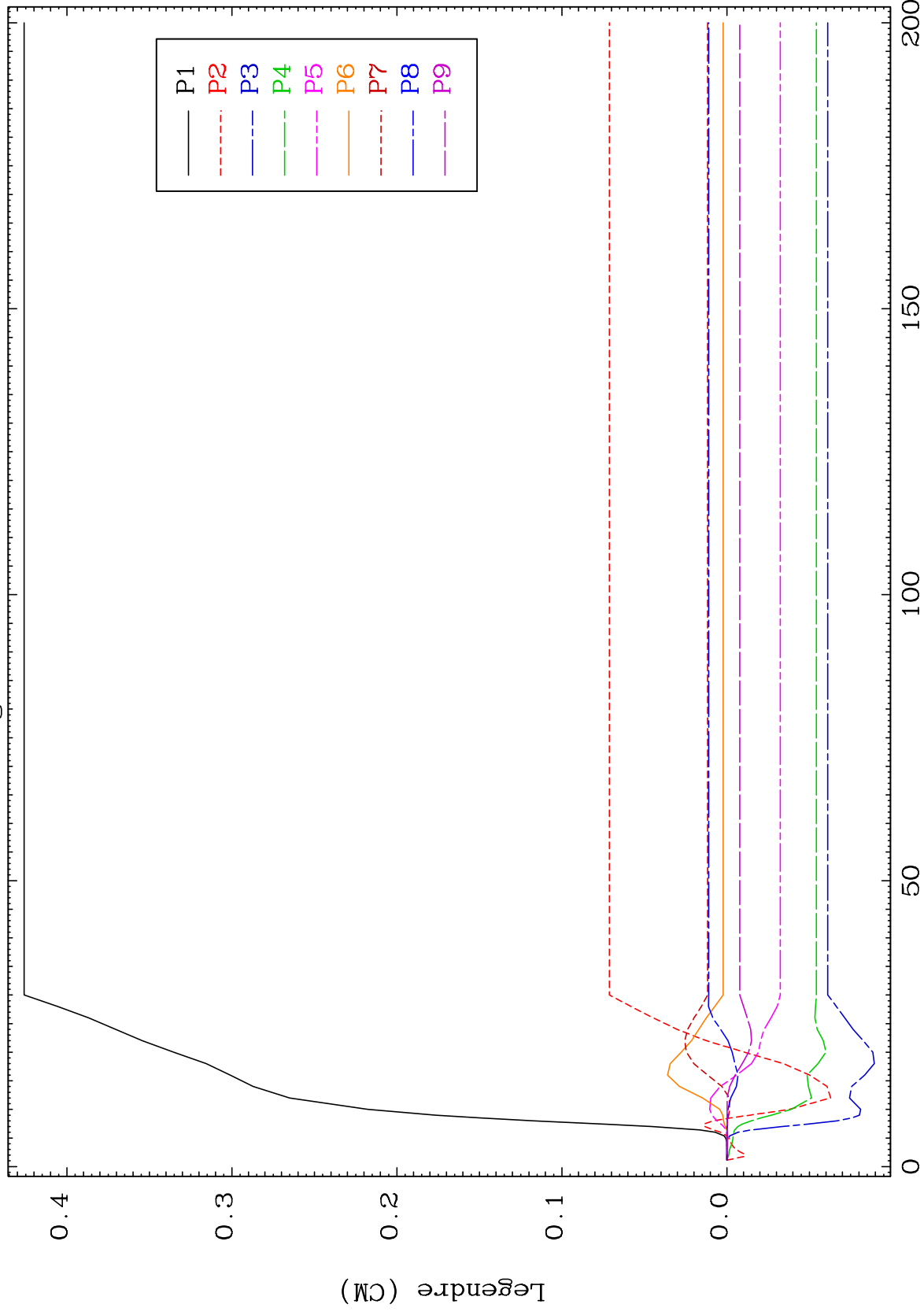
61-Pm-141



MAT 6131

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

61-Pm-141



64

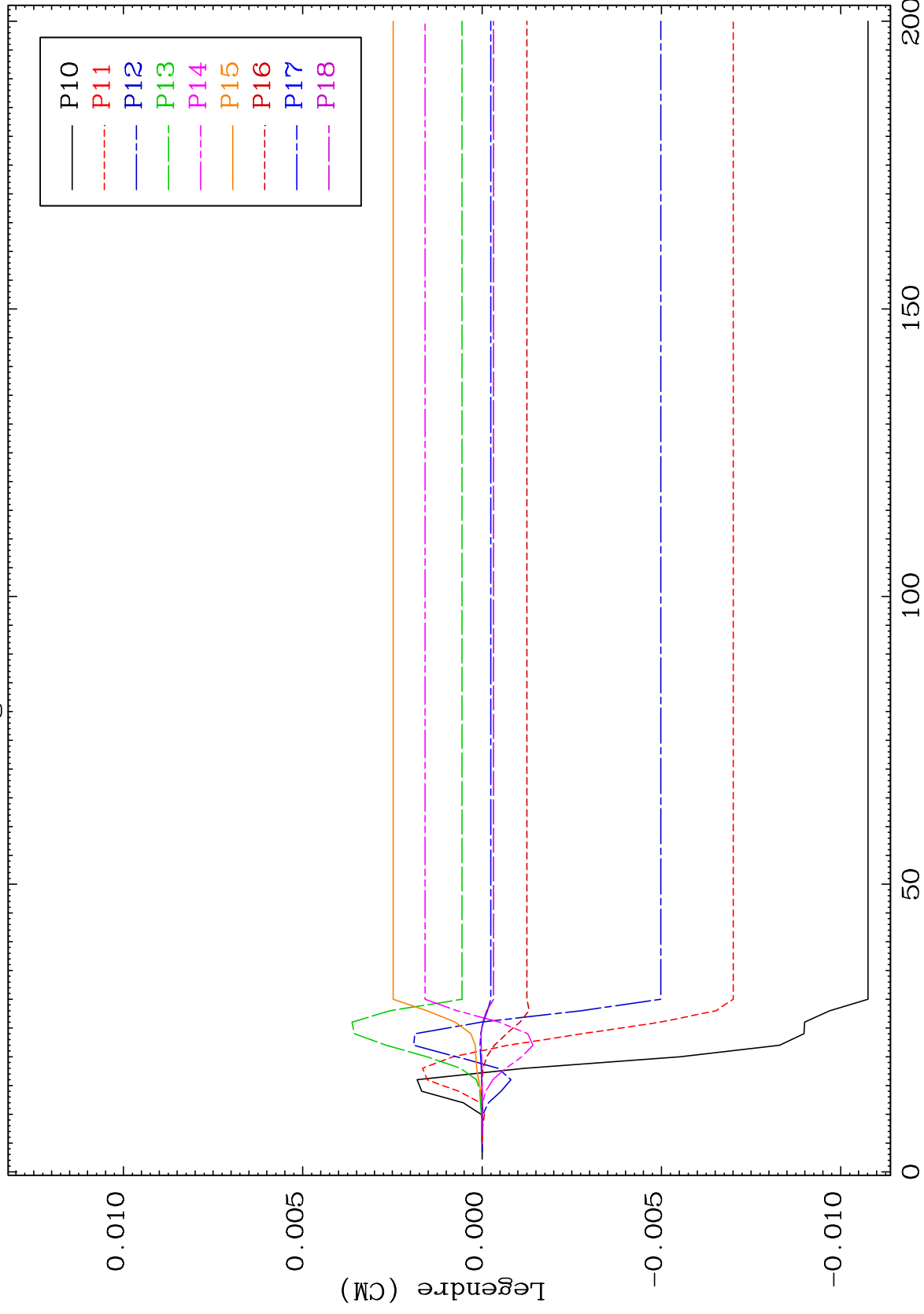
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

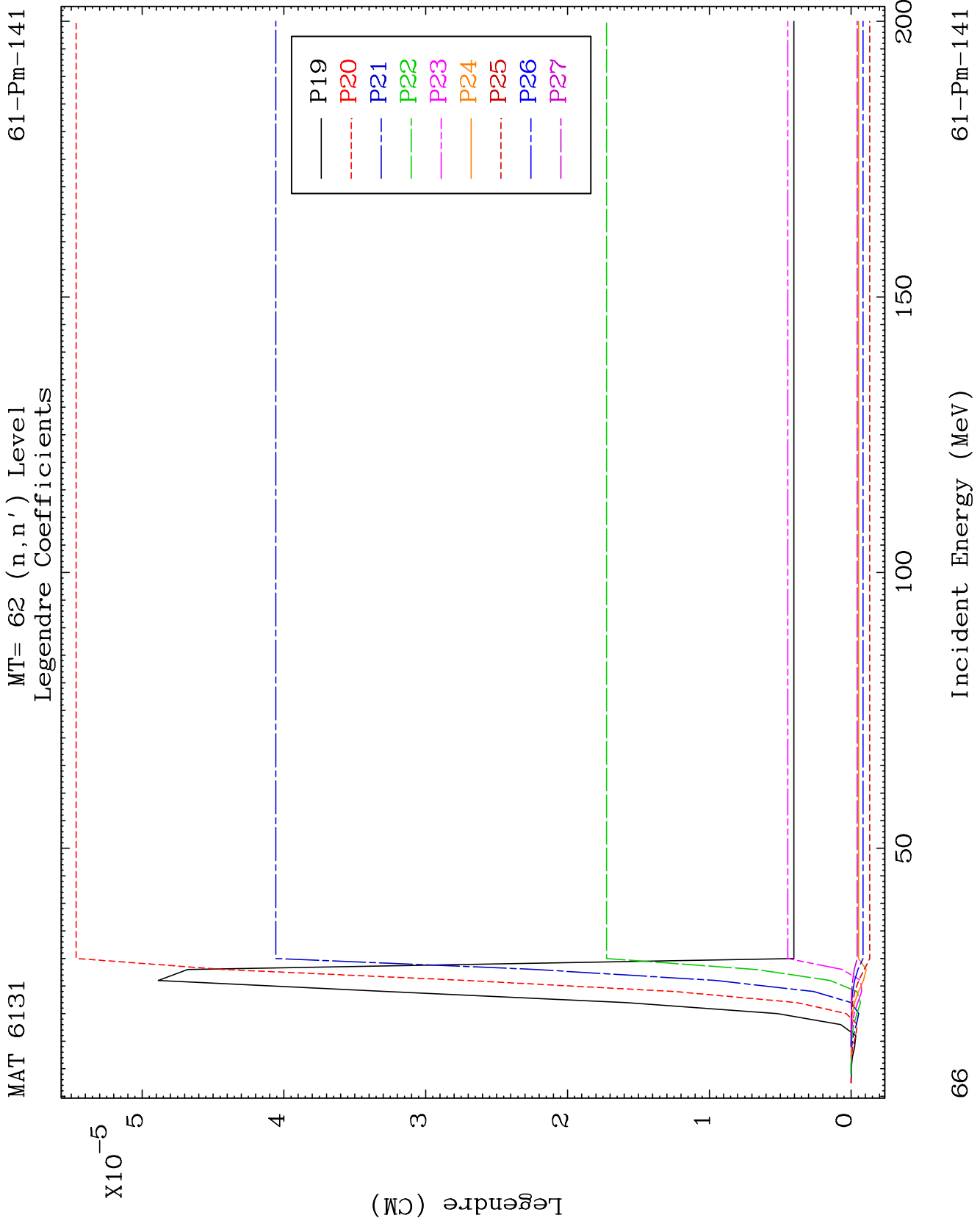
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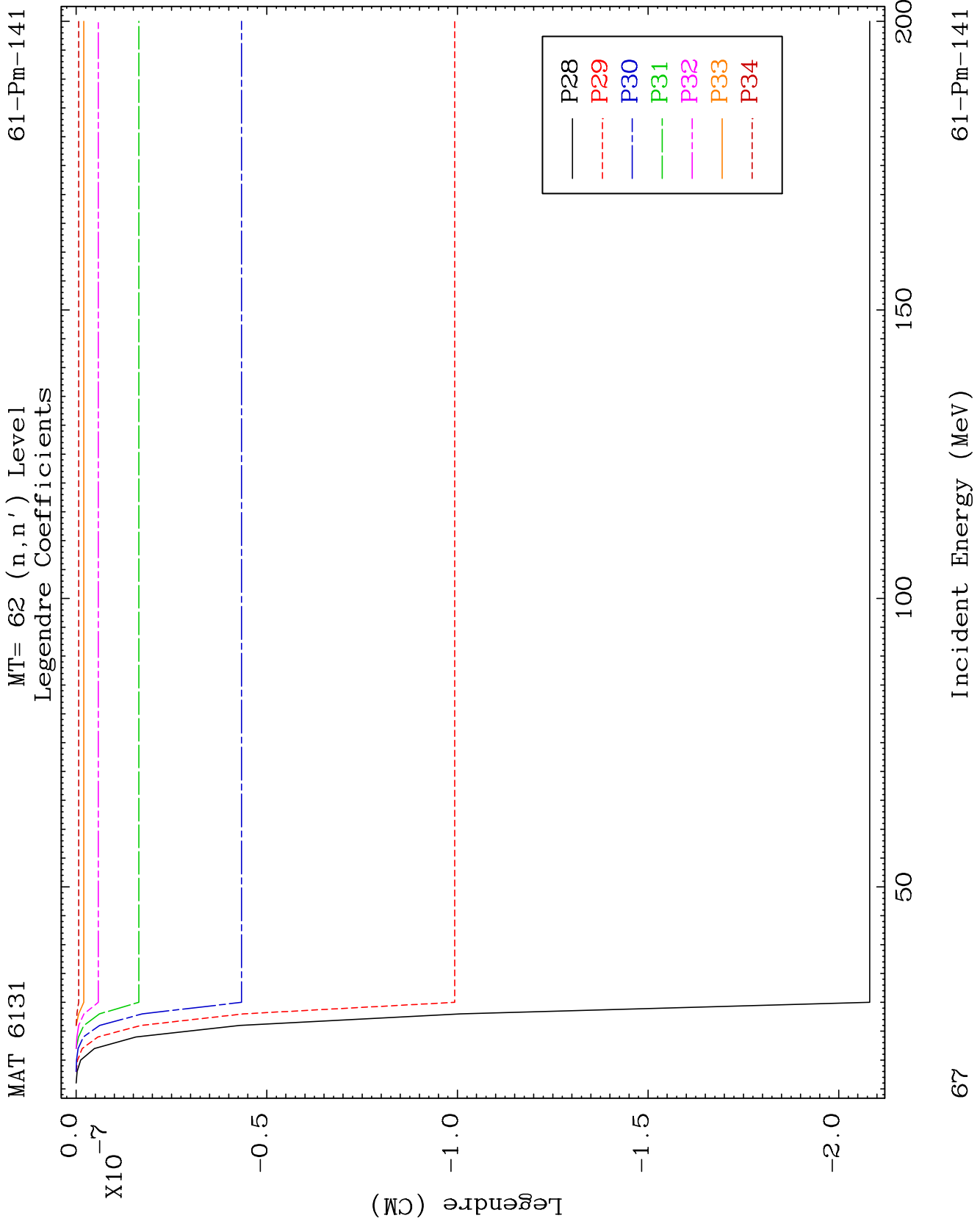


65

Incident Energy (MeV)

61-Pm-141

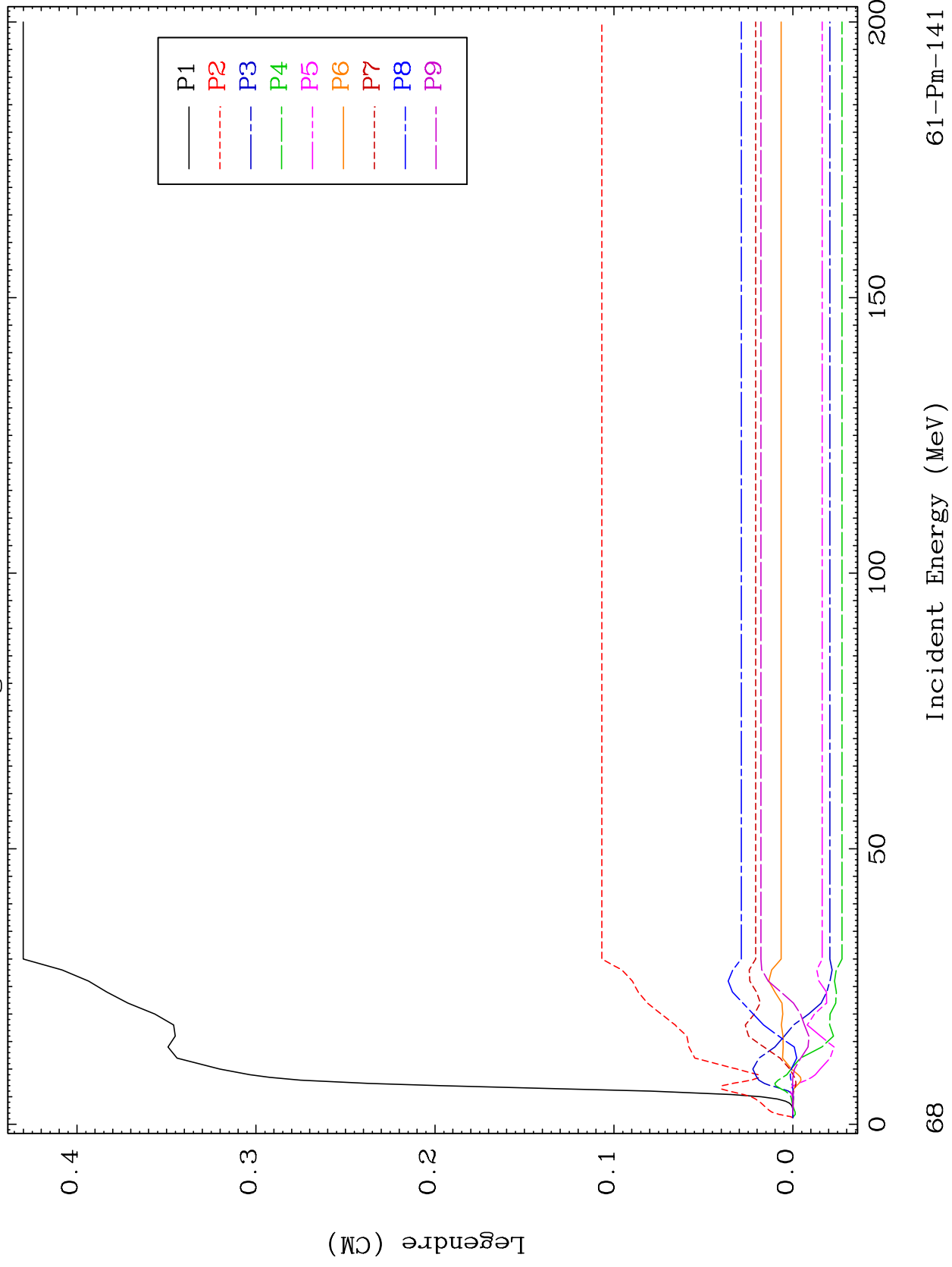




MAT 6131

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

61-Pm-141



61-Pm-141

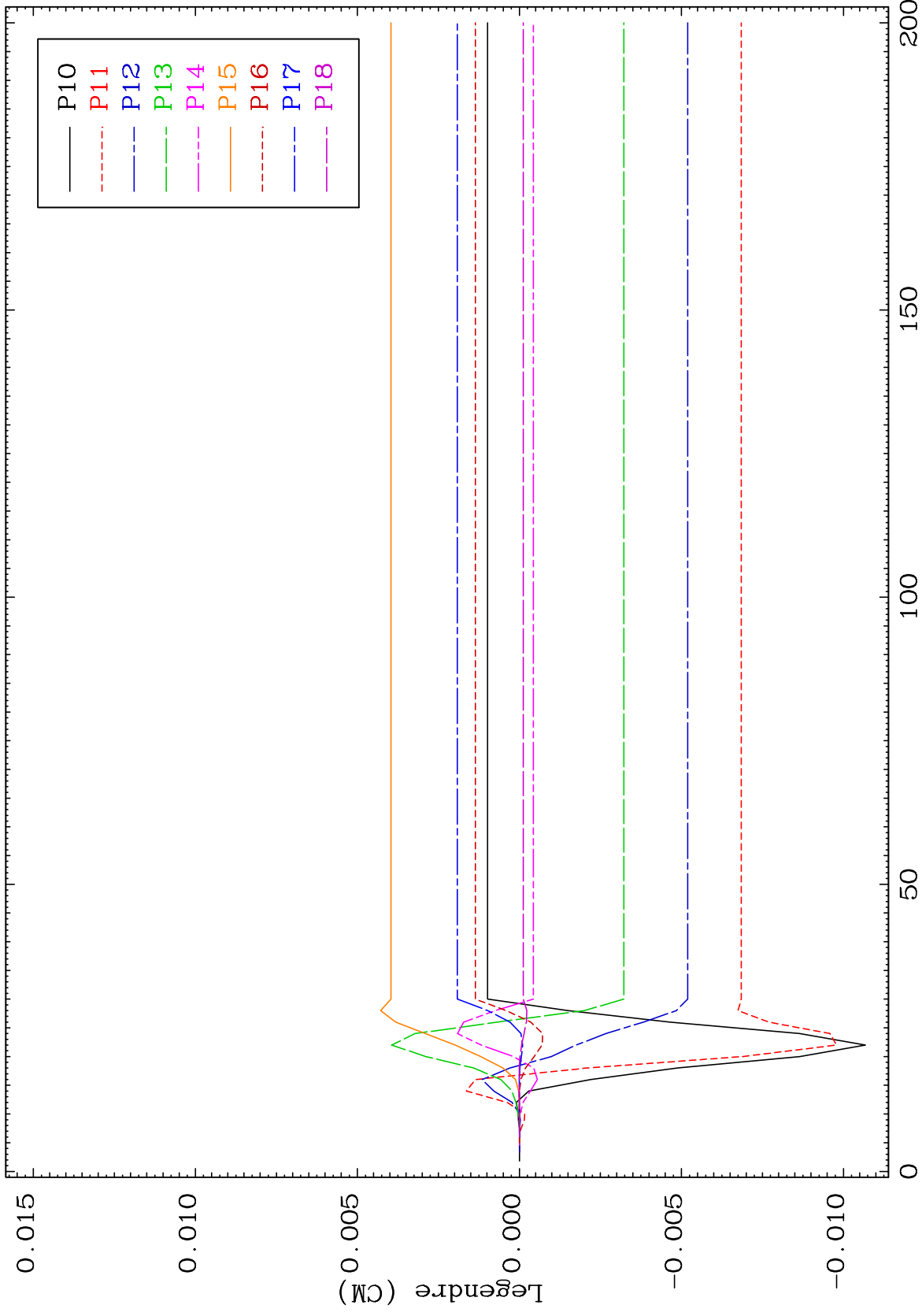
Incident Energy (MeV)

68

MAT 6131

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

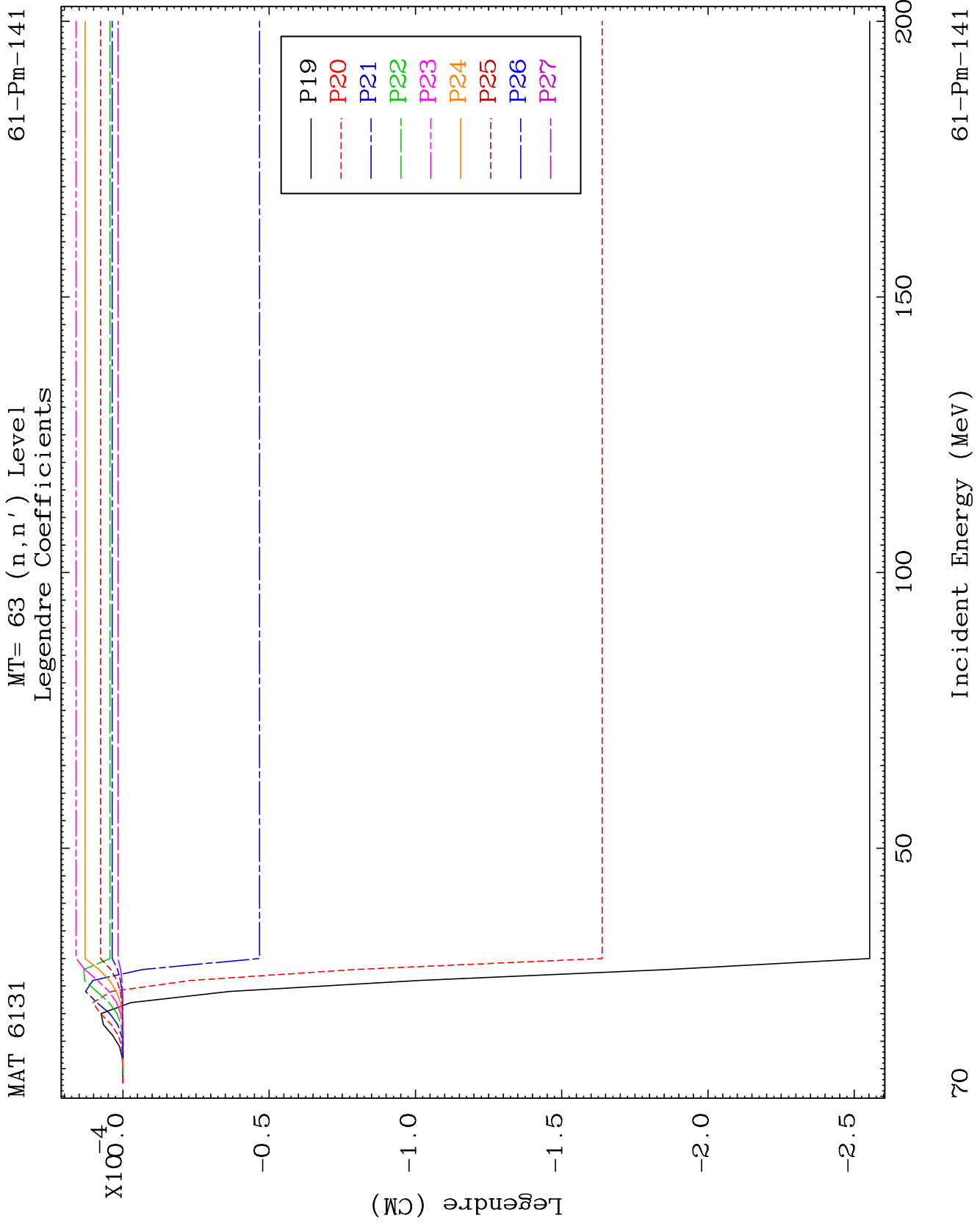
61-Pm-141



69

Incident Energy (MeV)

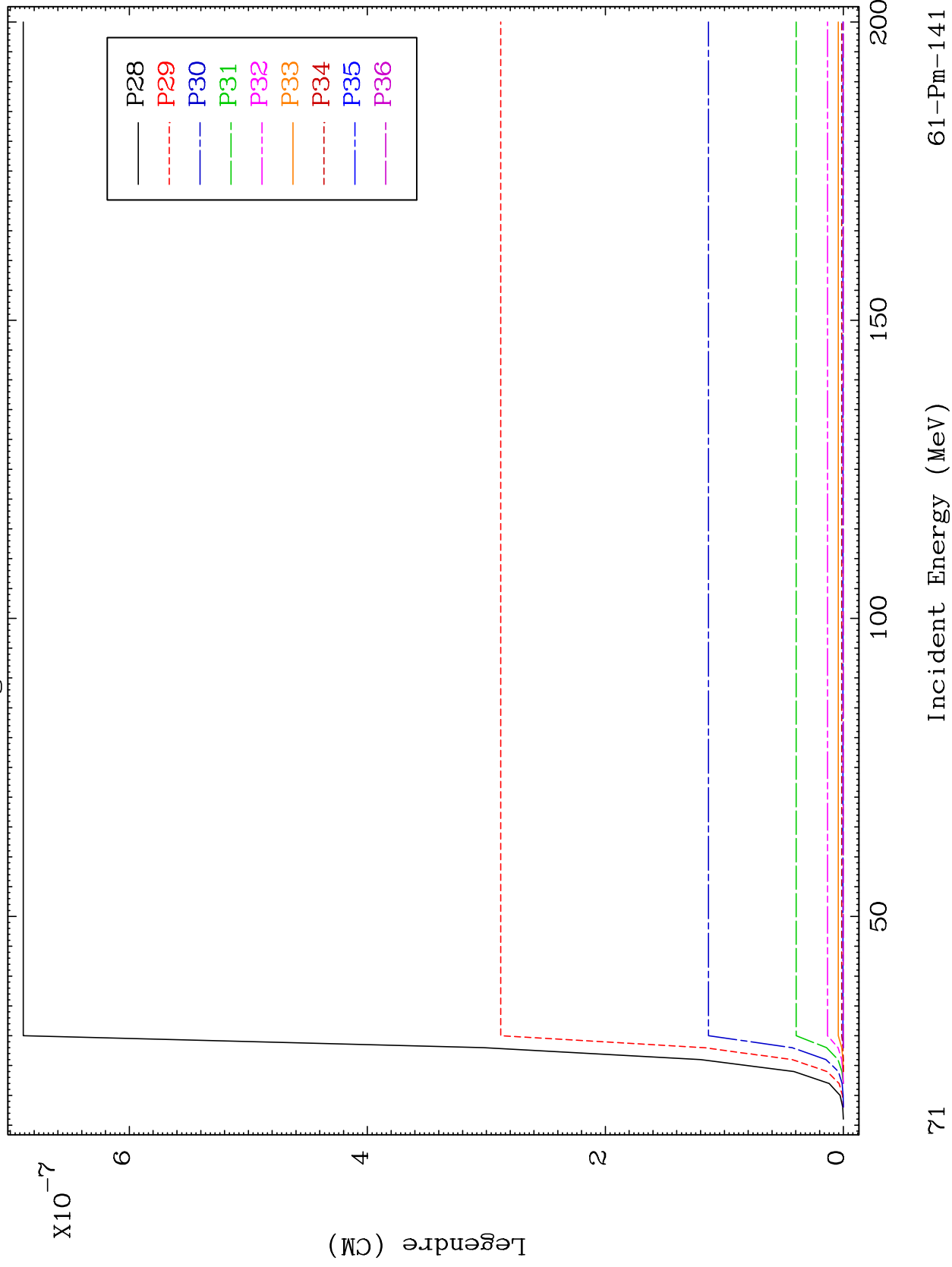
61-Pm-141



MAT 6131

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

61-Pm-141



71

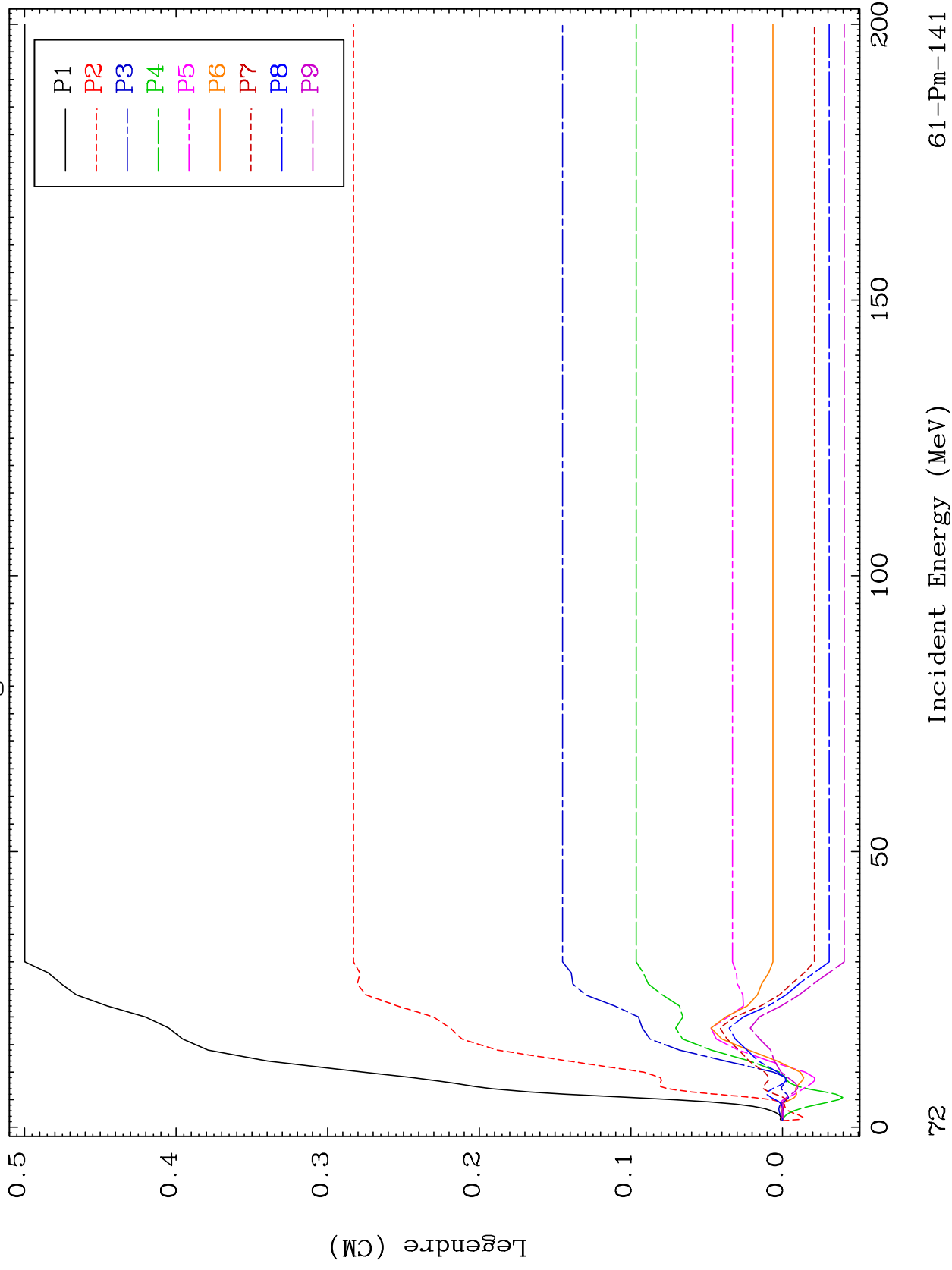
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



72

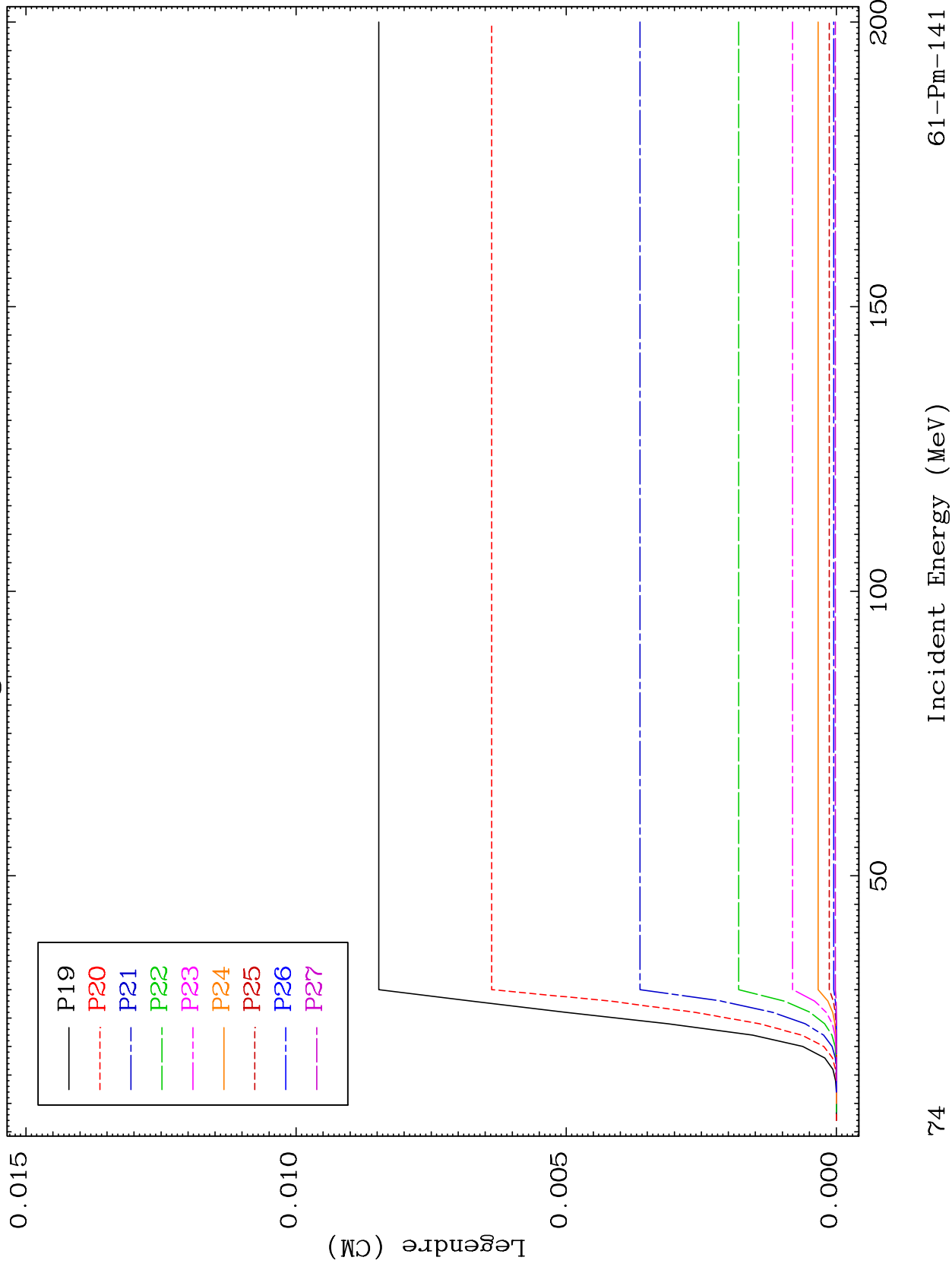
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



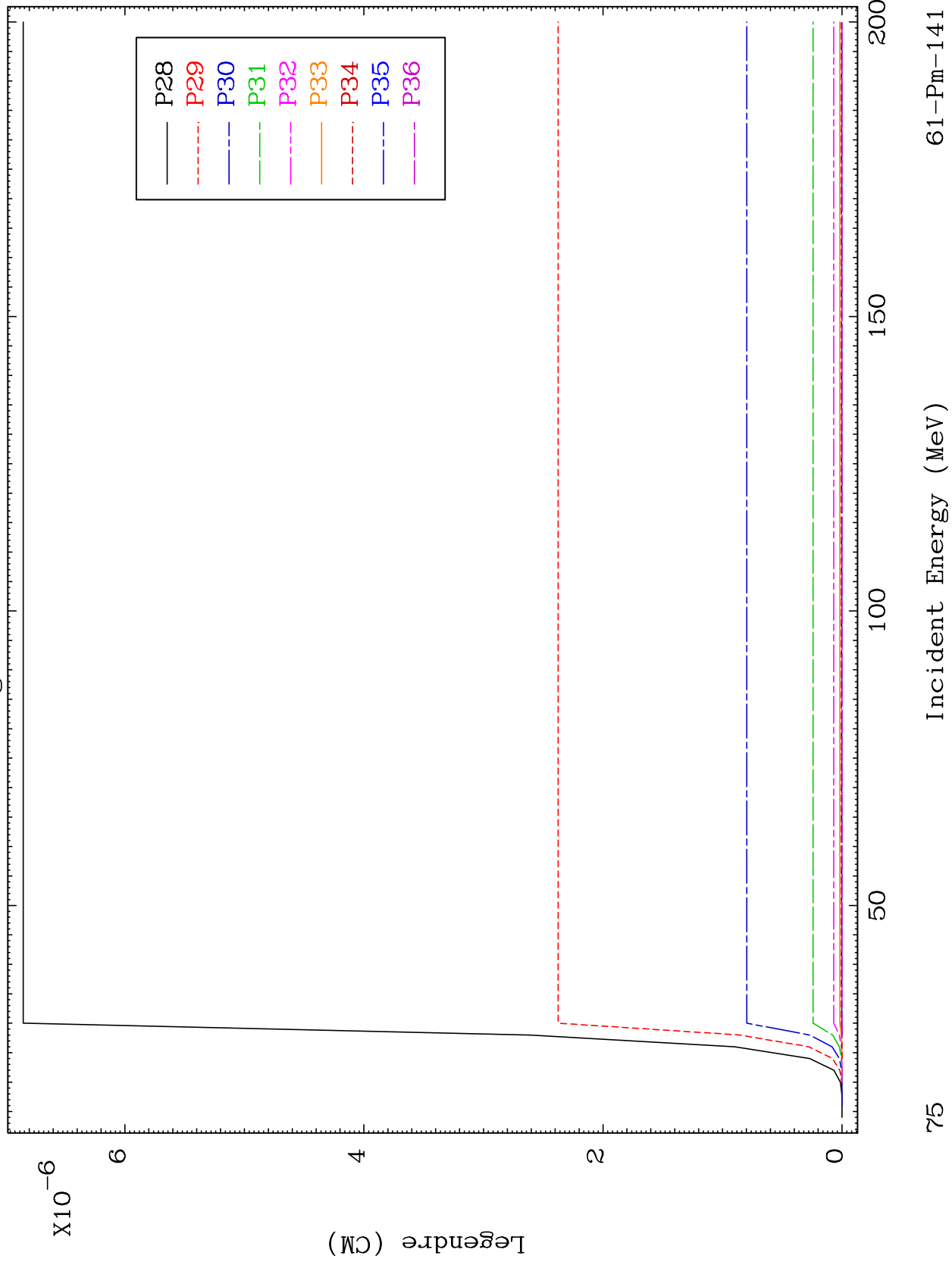
74

61-Pm-141

MAT 6131

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

61-Pm-141



75

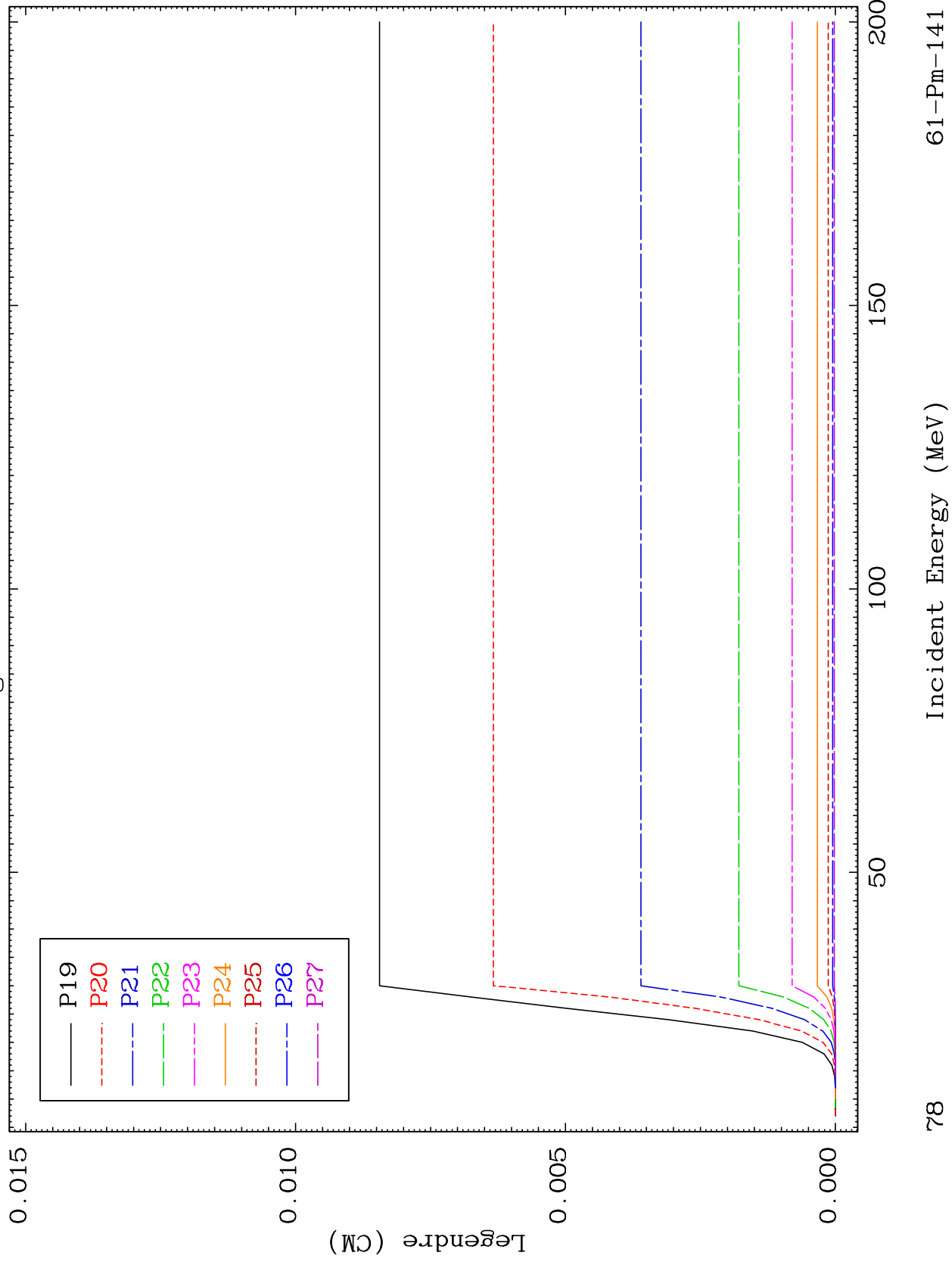
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



78

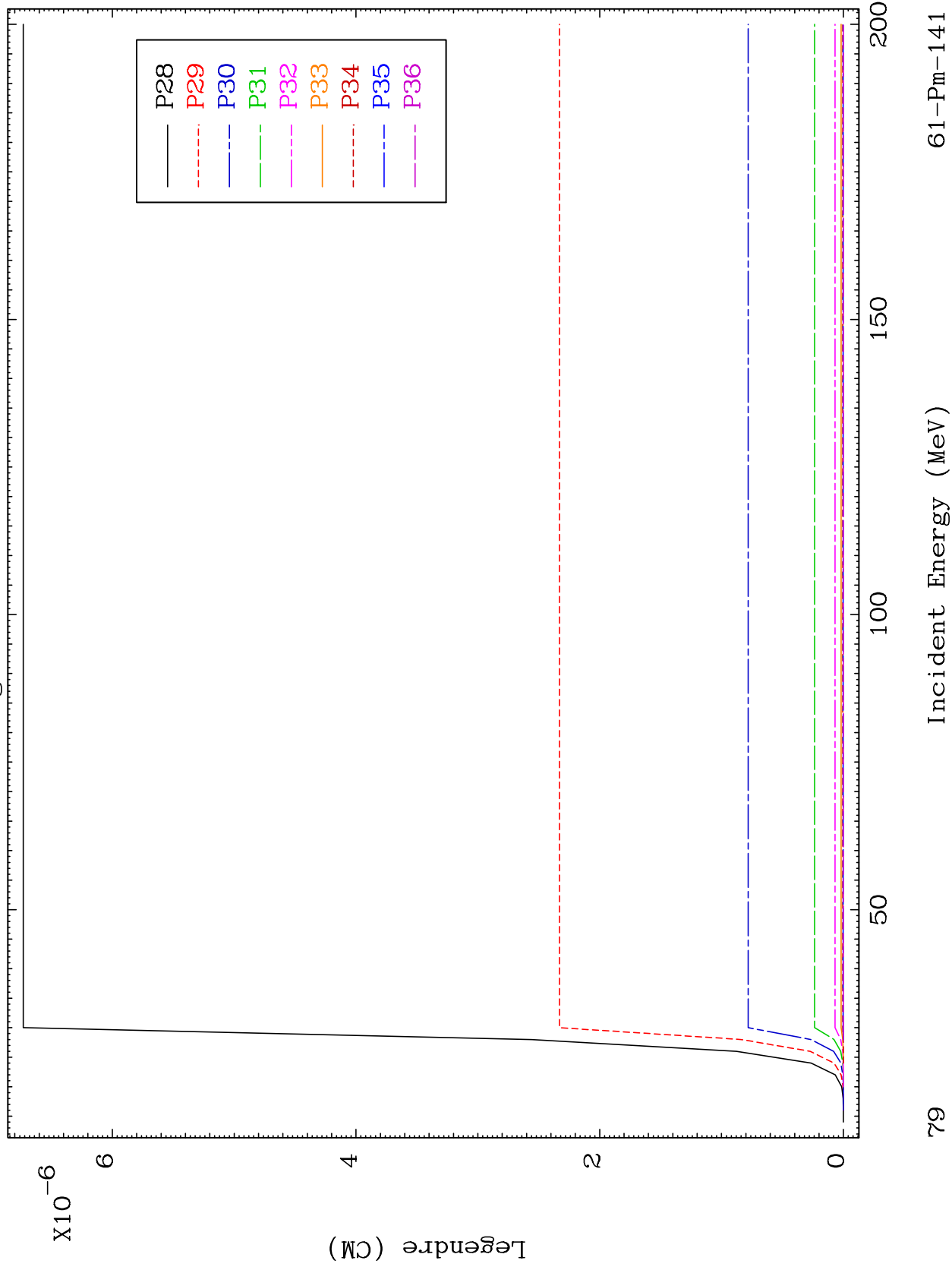
Incident Energy (MeV)

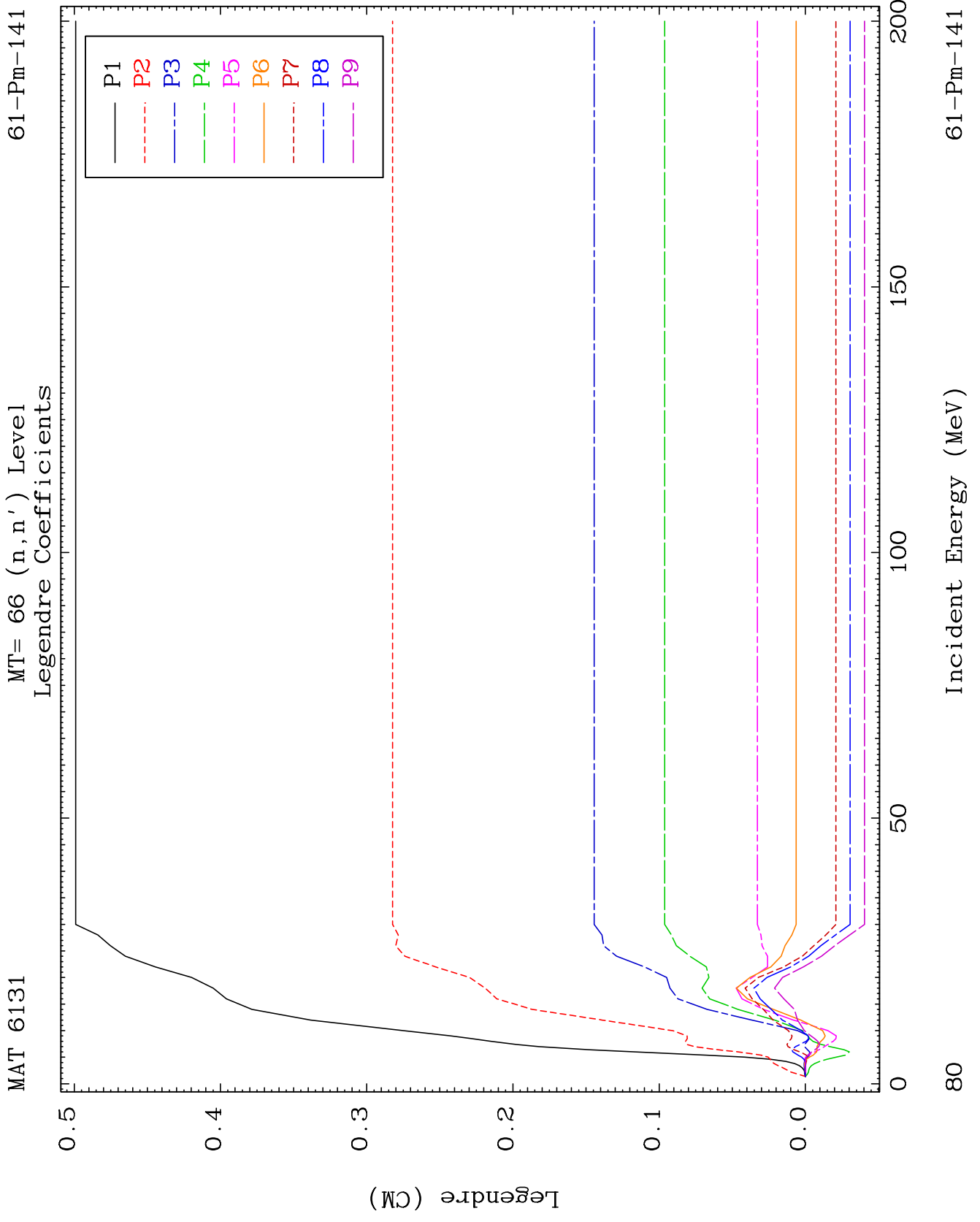
61-Pm-141

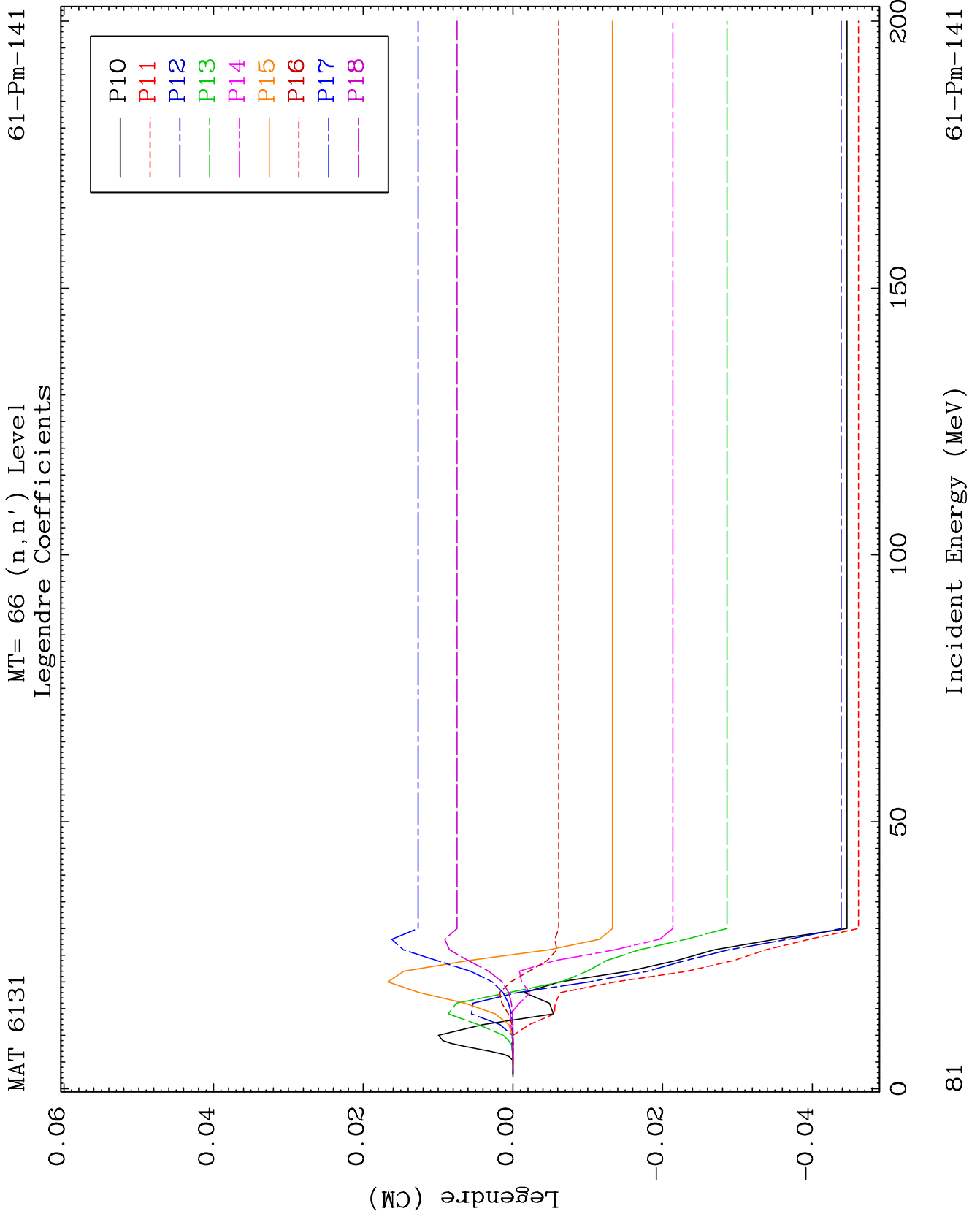
MAT 6131

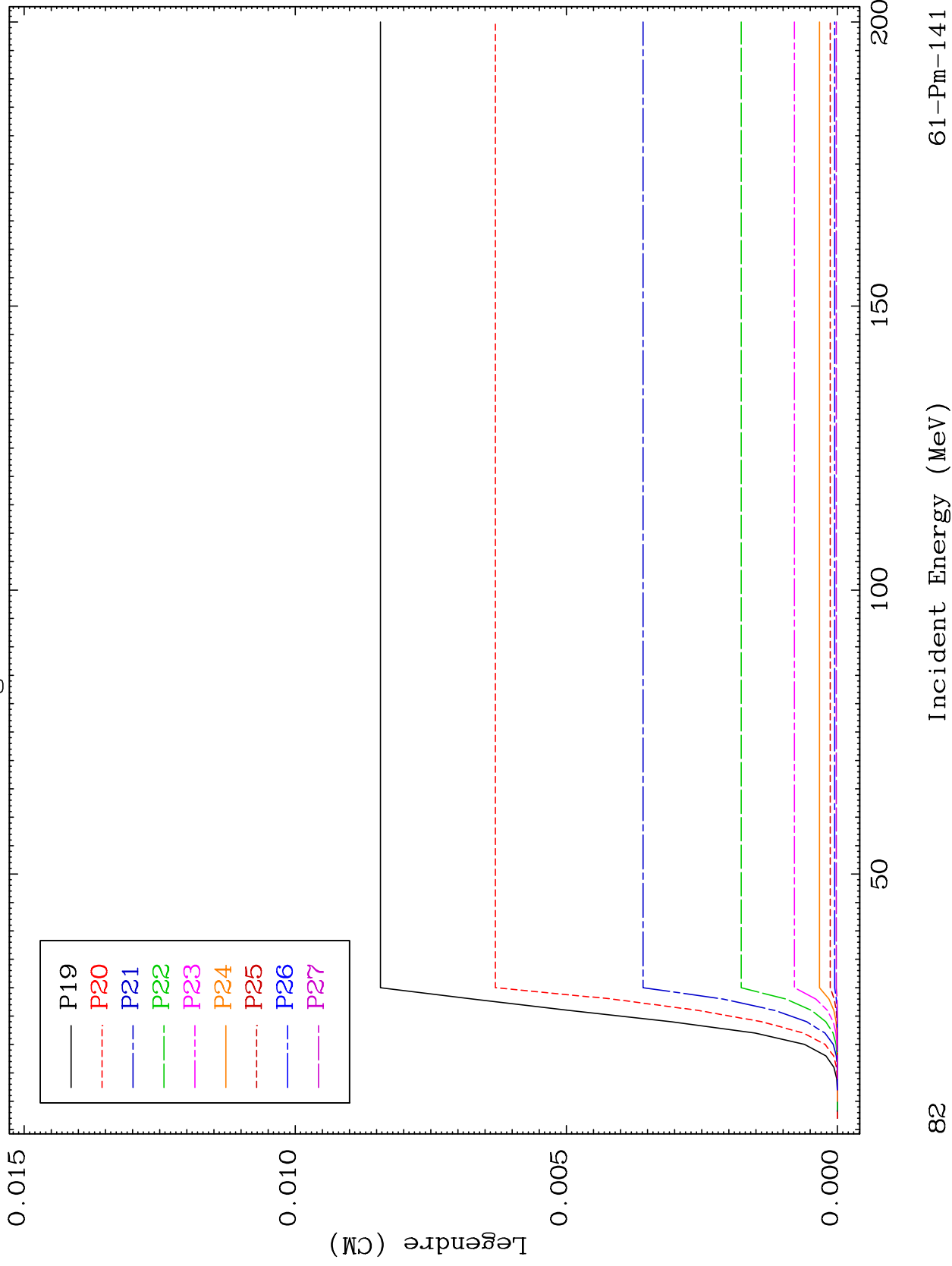
MT= 65 (n,n') Level
Legendre Coefficients

61-Pm-141





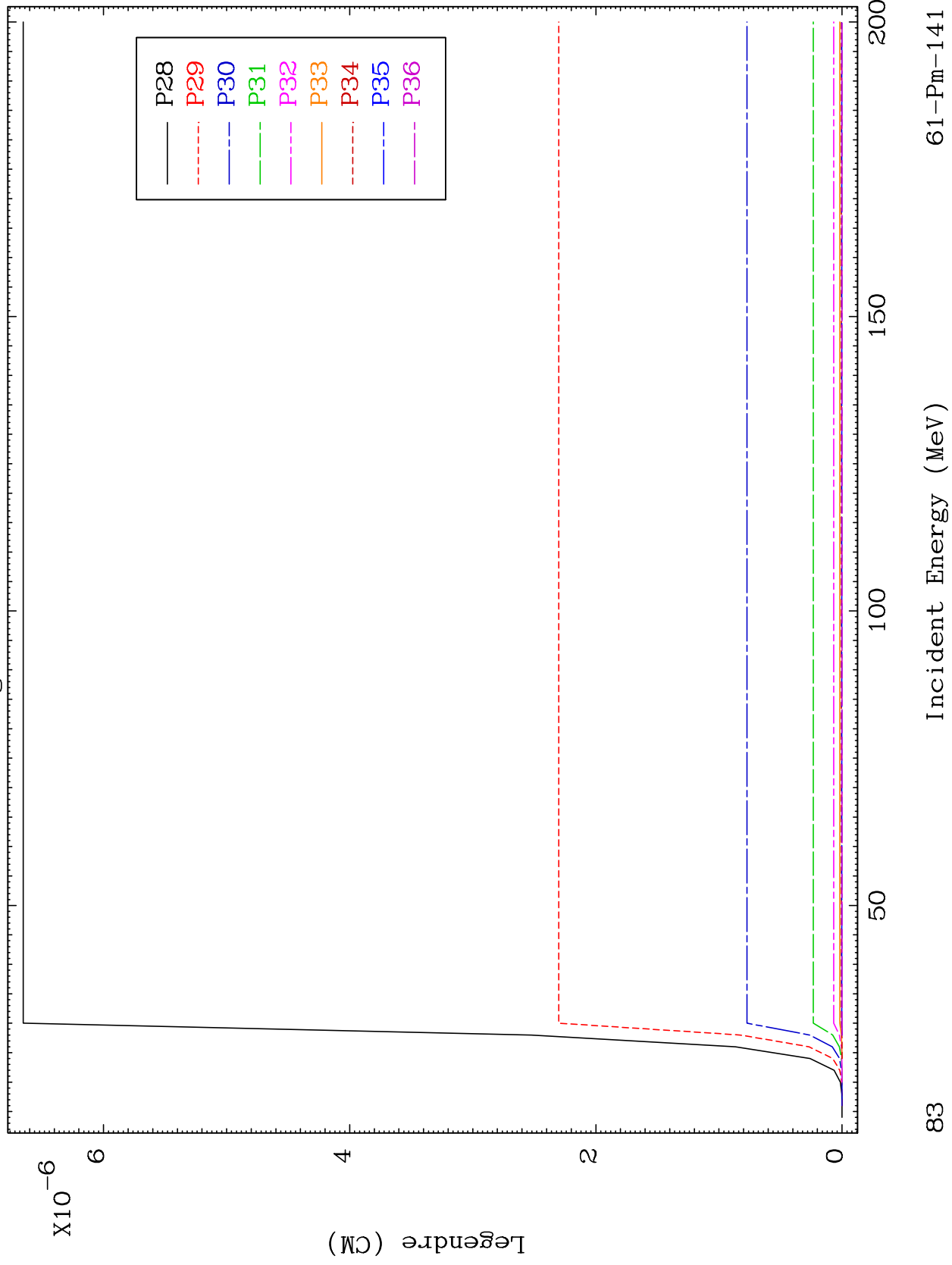




MAT 6131

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

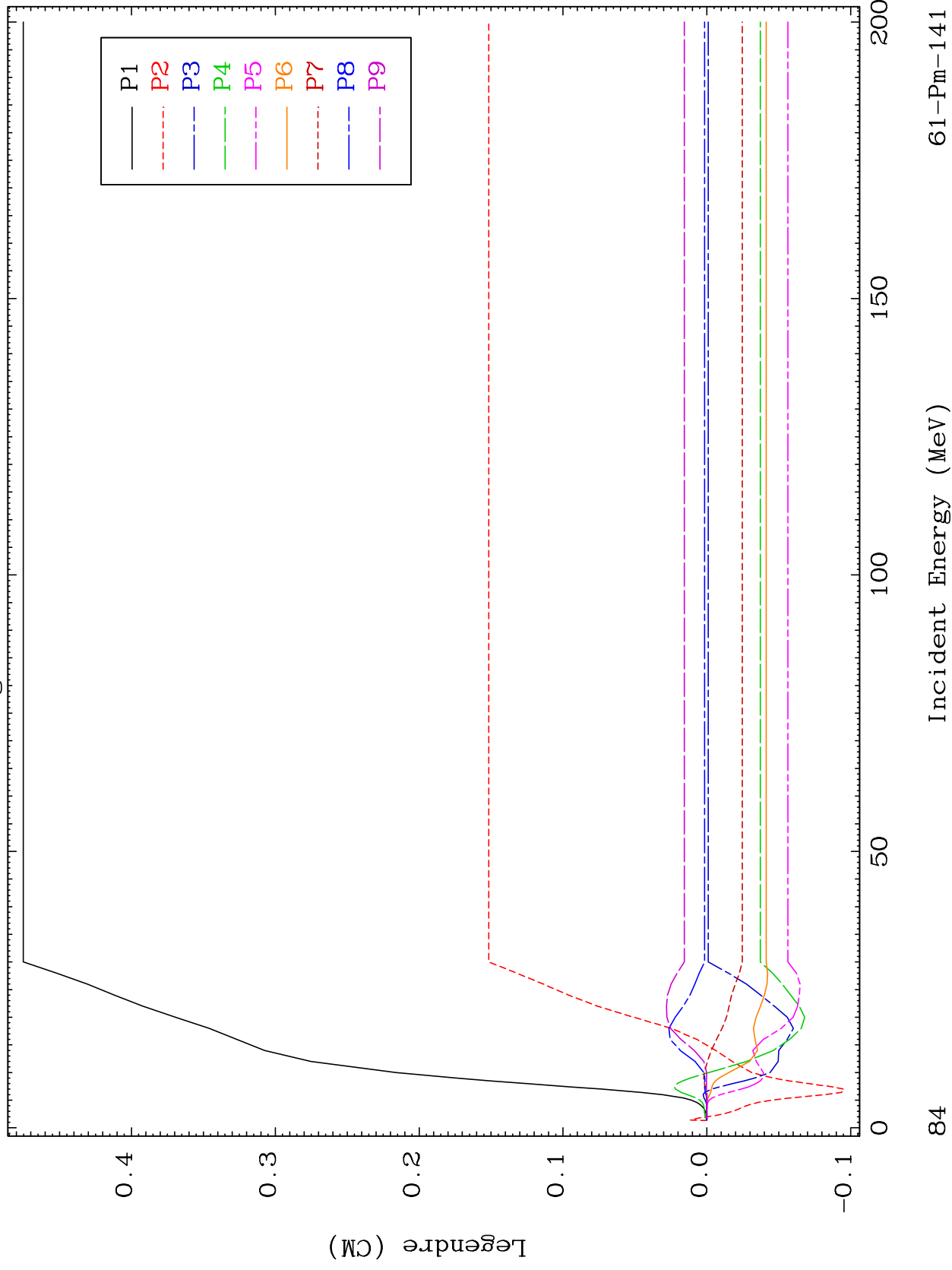
61-Pm-141



MAT 6131

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

61-Pm-141



61-Pm-141

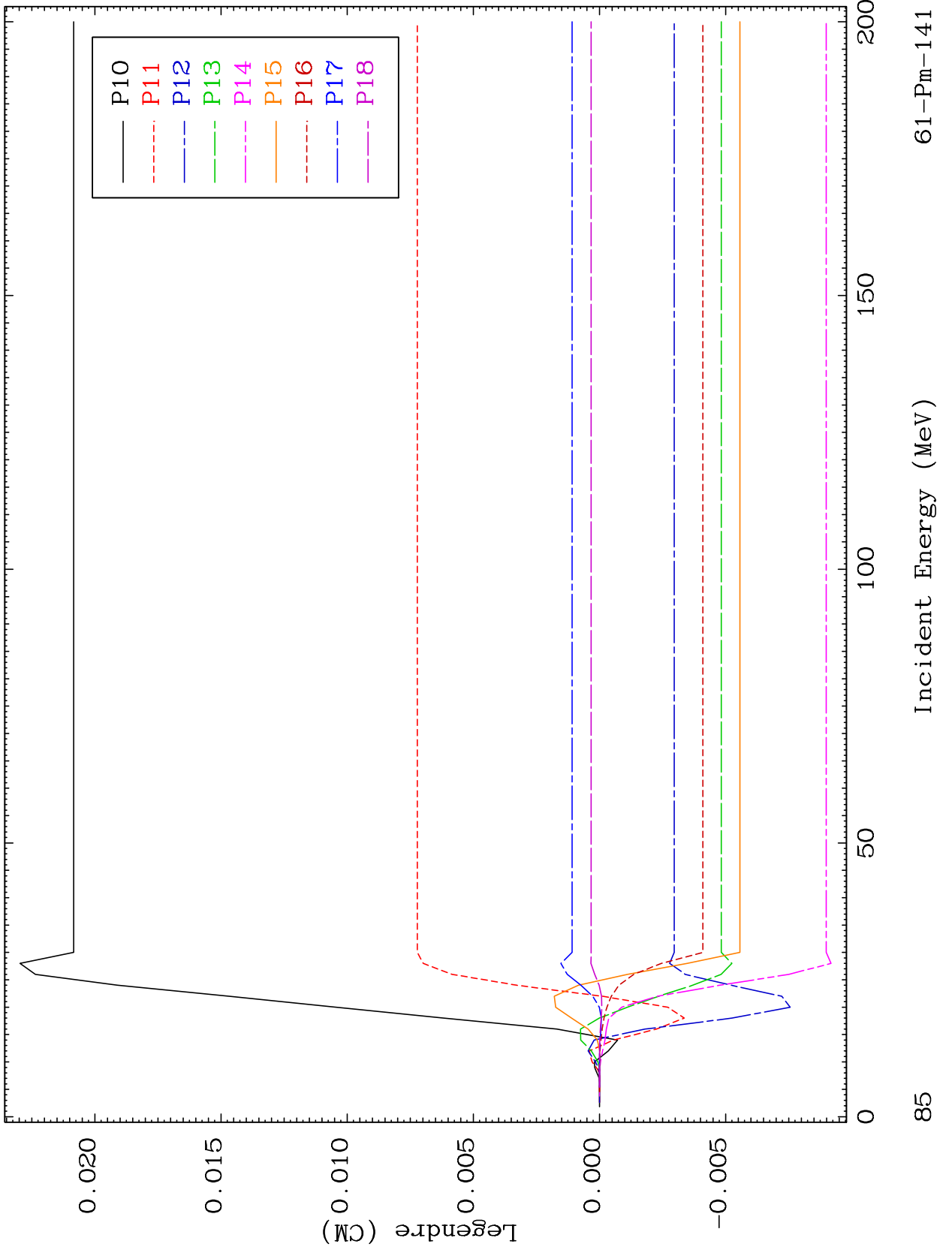
Incident Energy (MeV)

84

MAT 6131

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

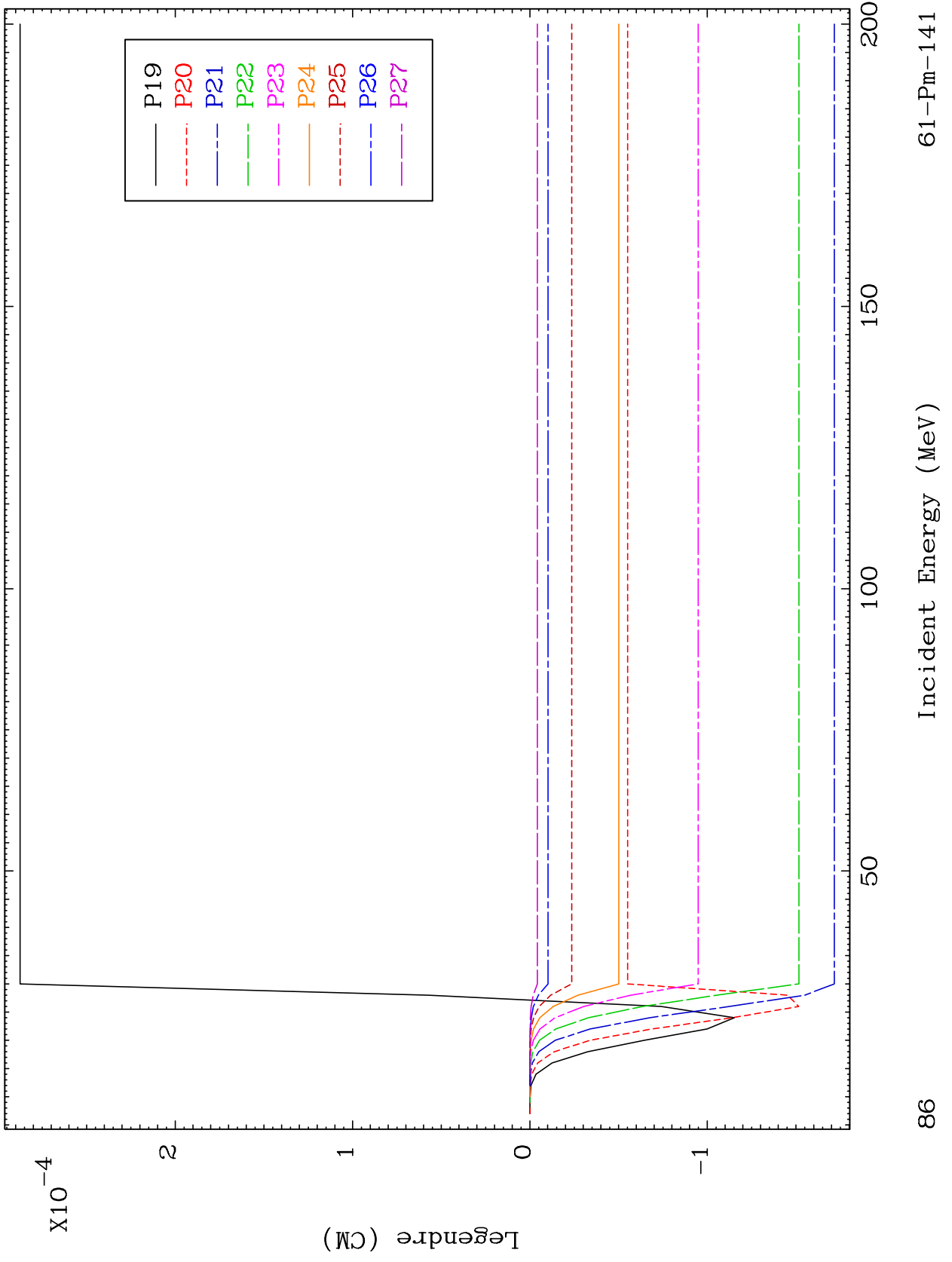
61-Pm-141



61-Pm-141

Incident Energy (MeV)

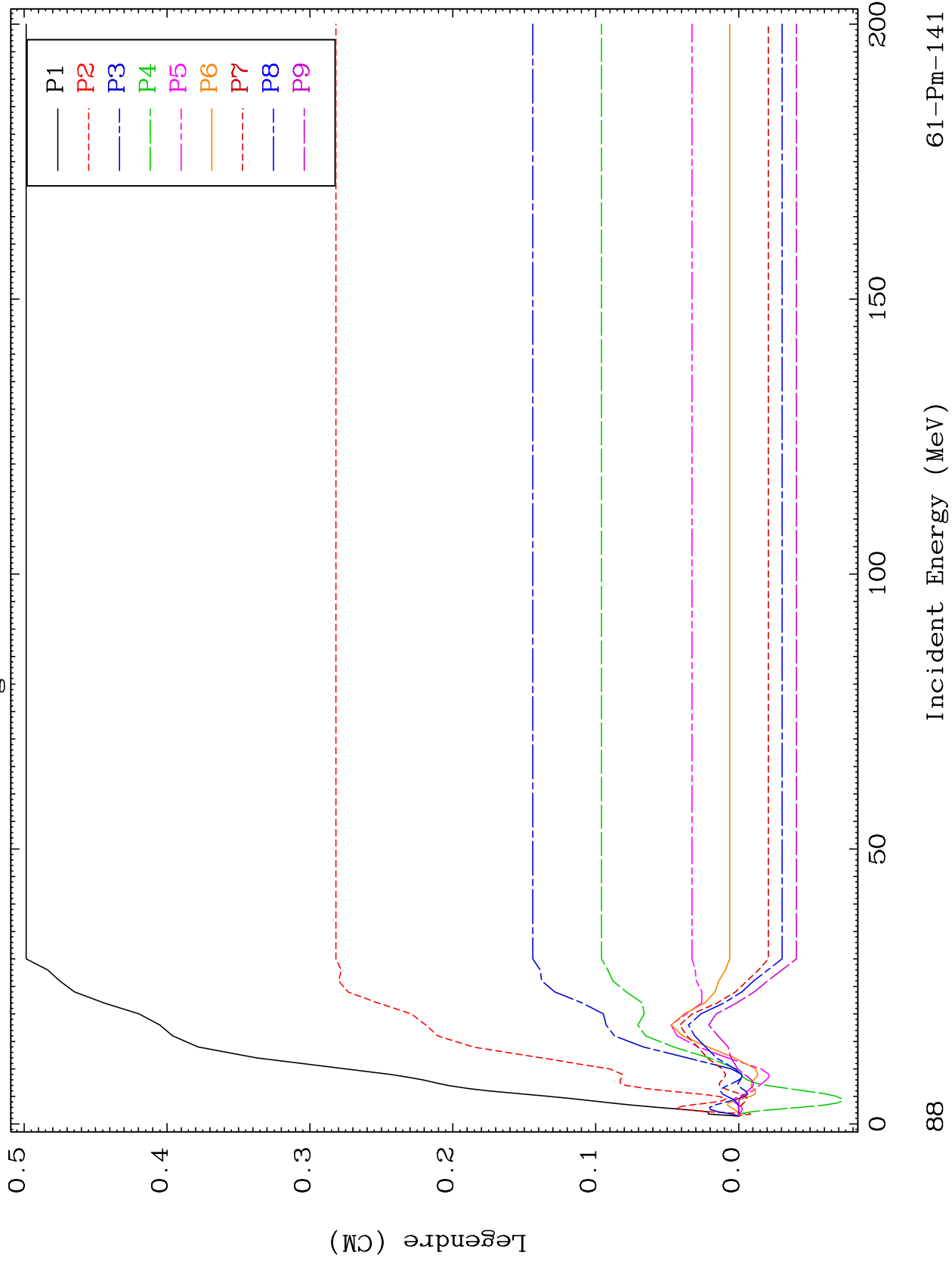
85

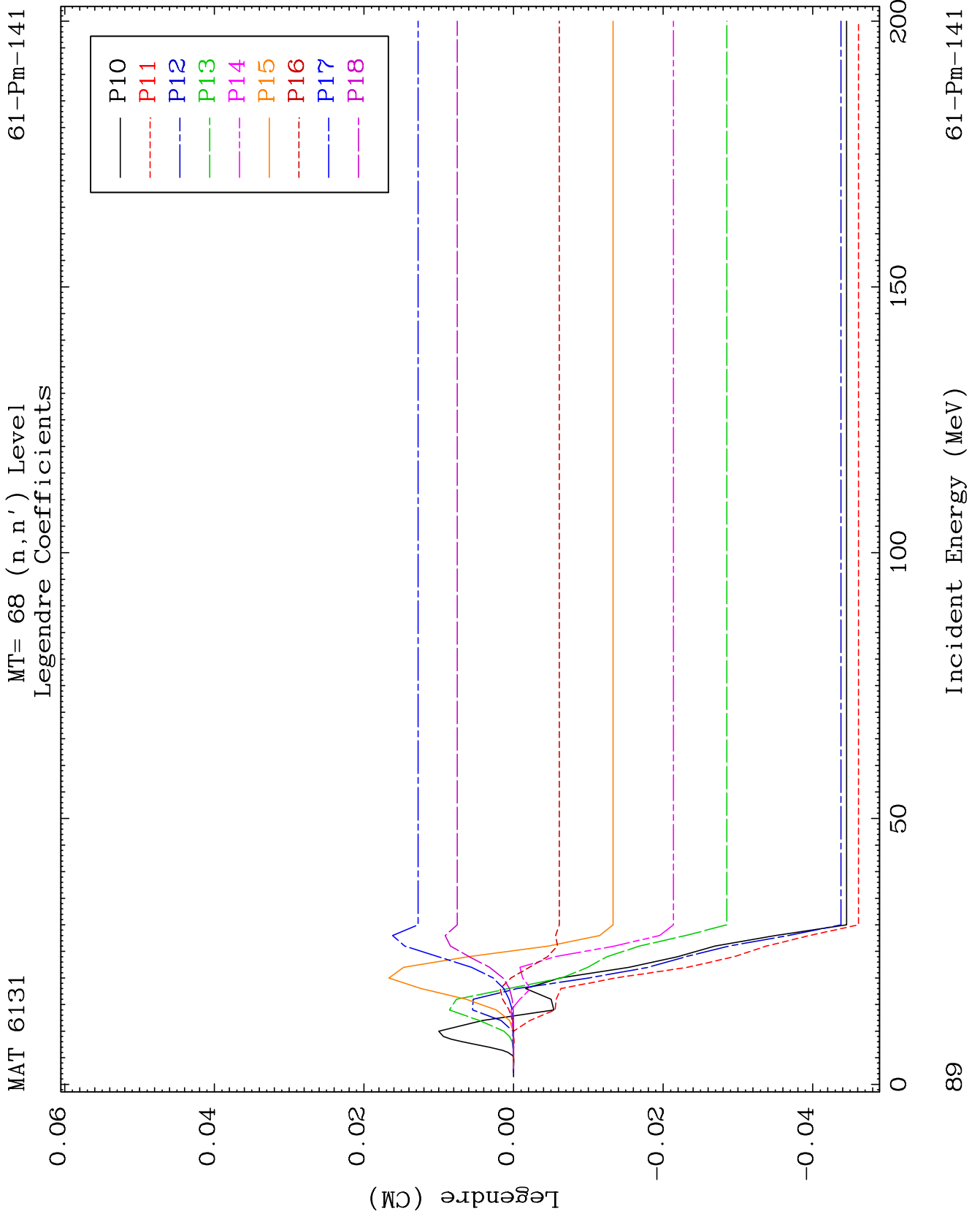


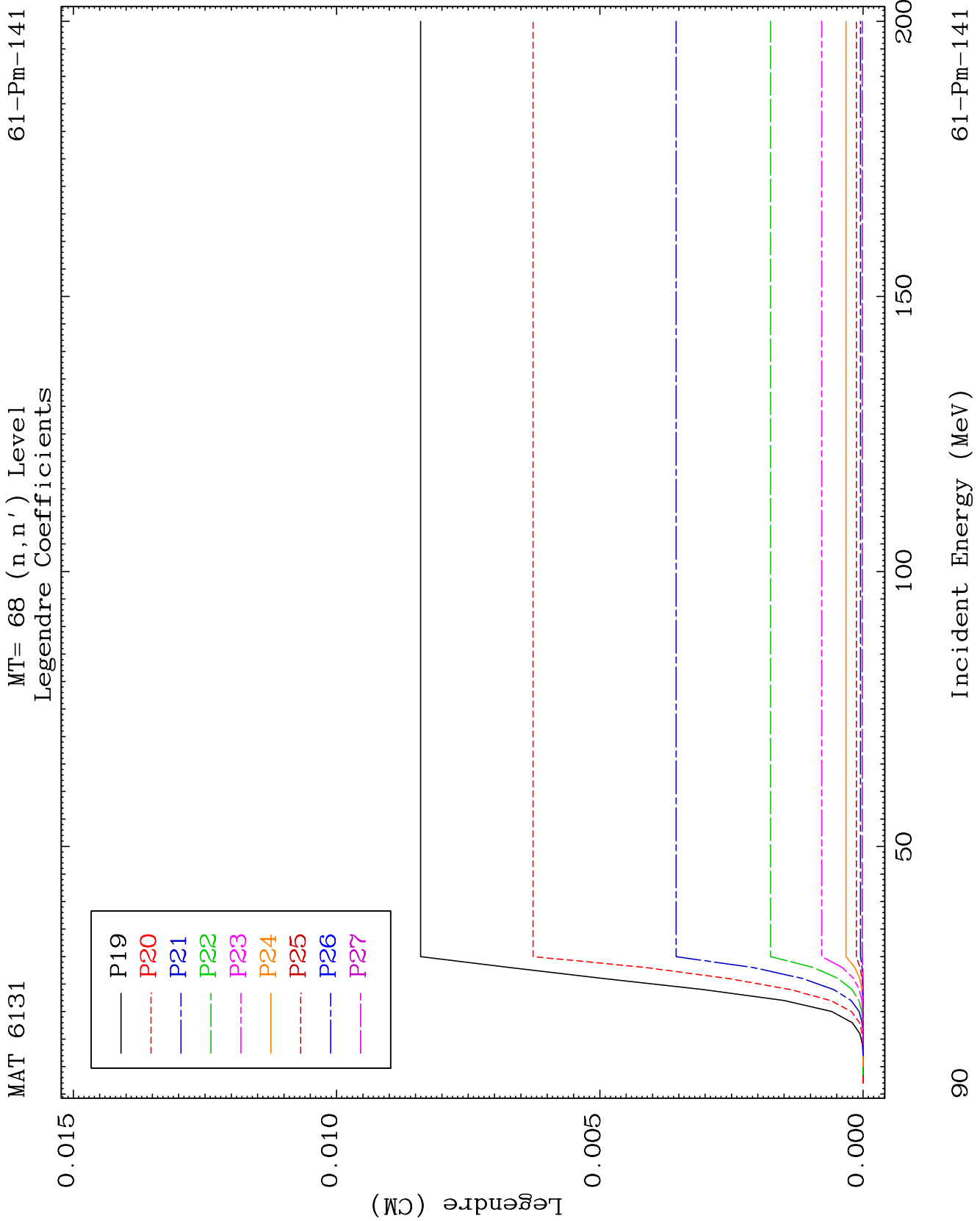
MAT 6131

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

61-Pm-141



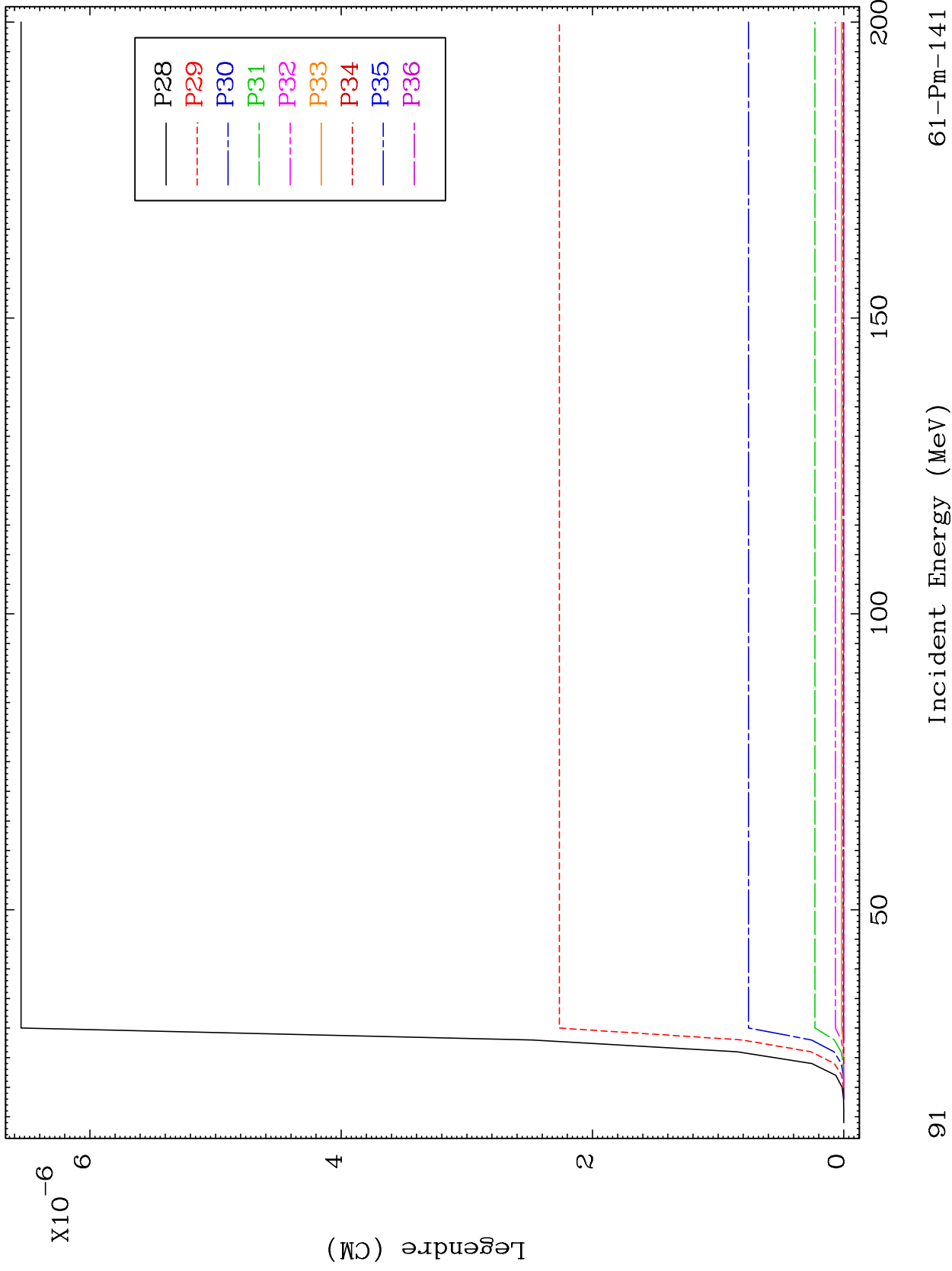




MAT 6131

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

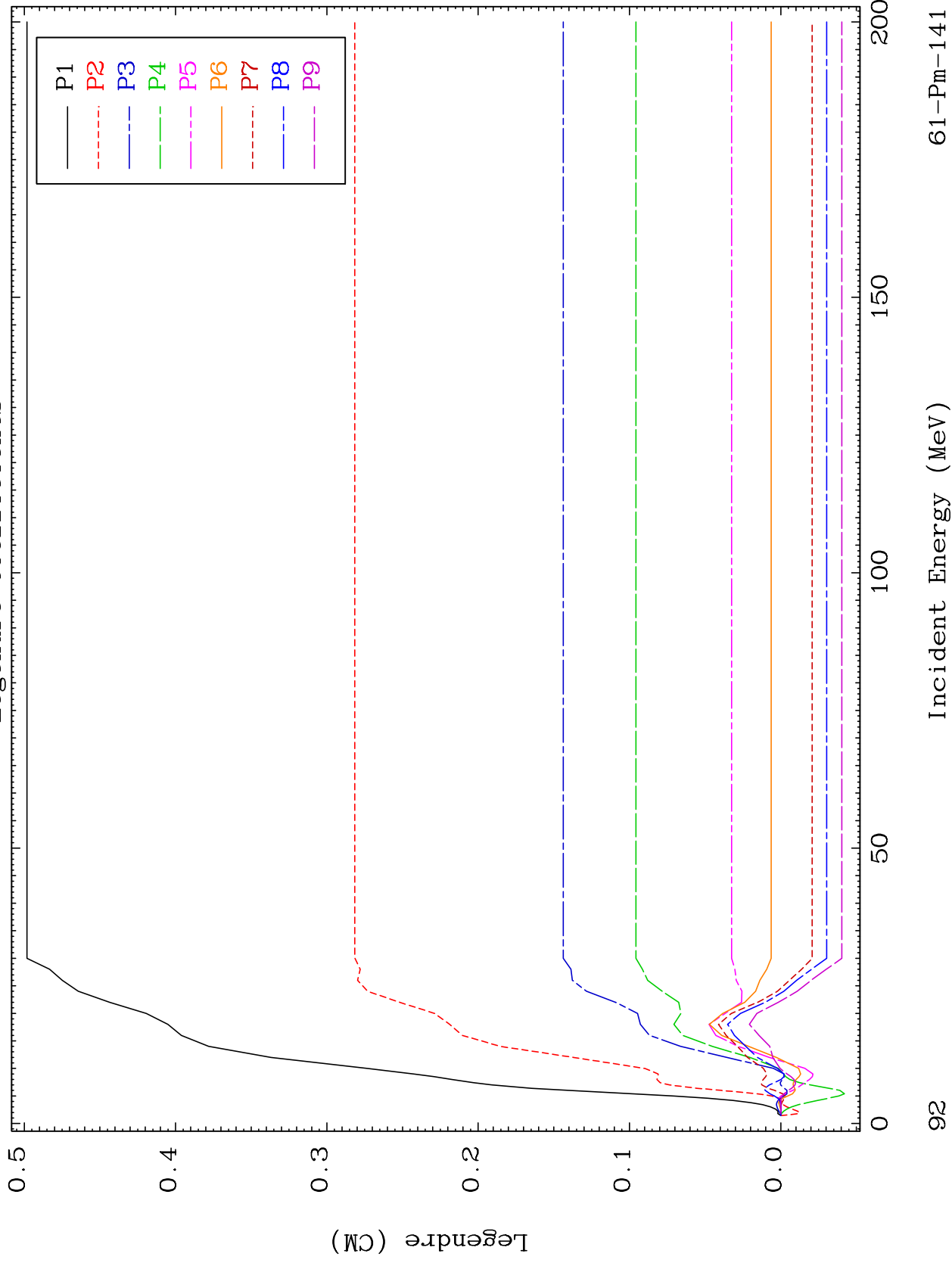
61-Pm-141



MAT 6131

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

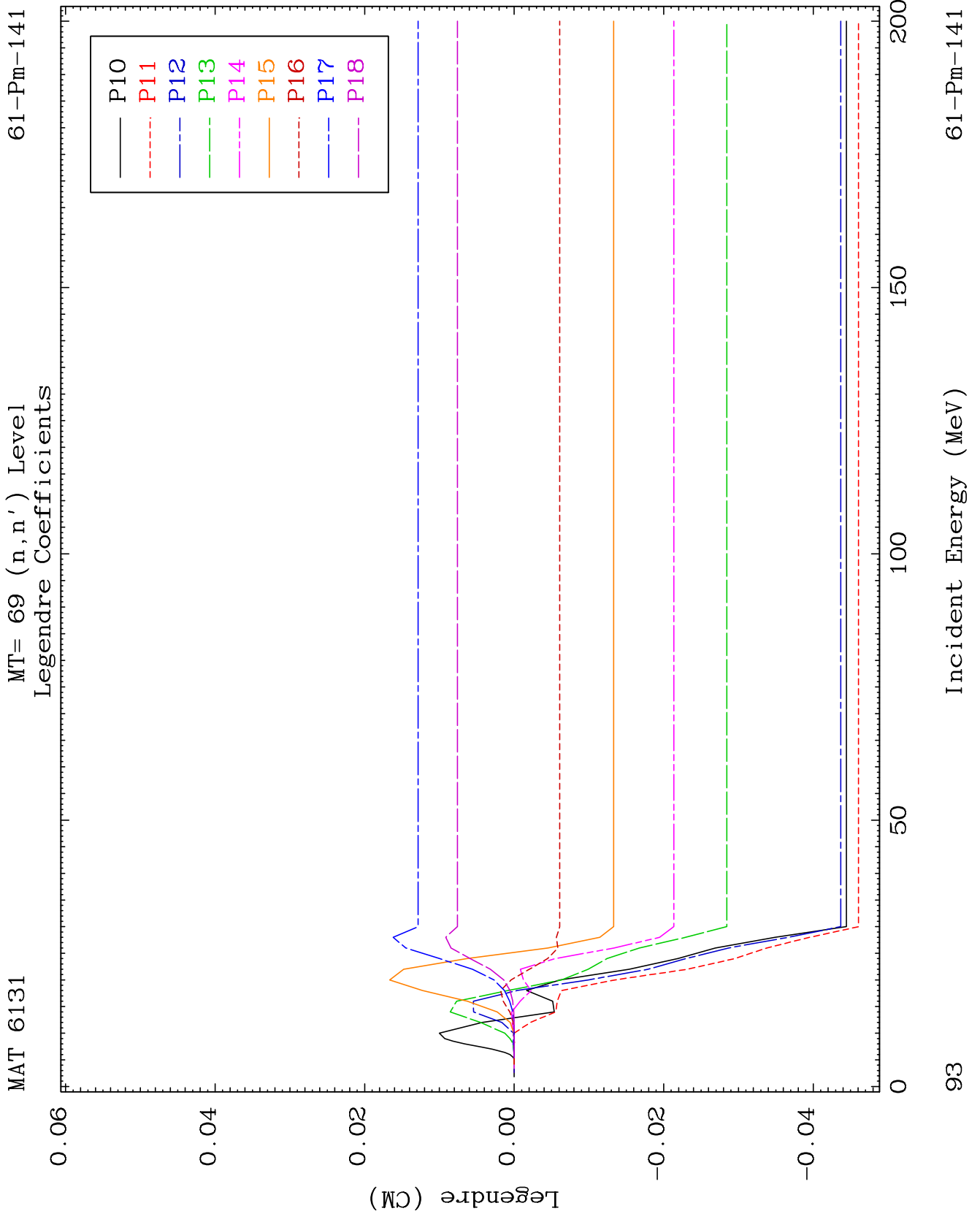
61-Pm-141



61-Pm-141

Incident Energy (MeV)

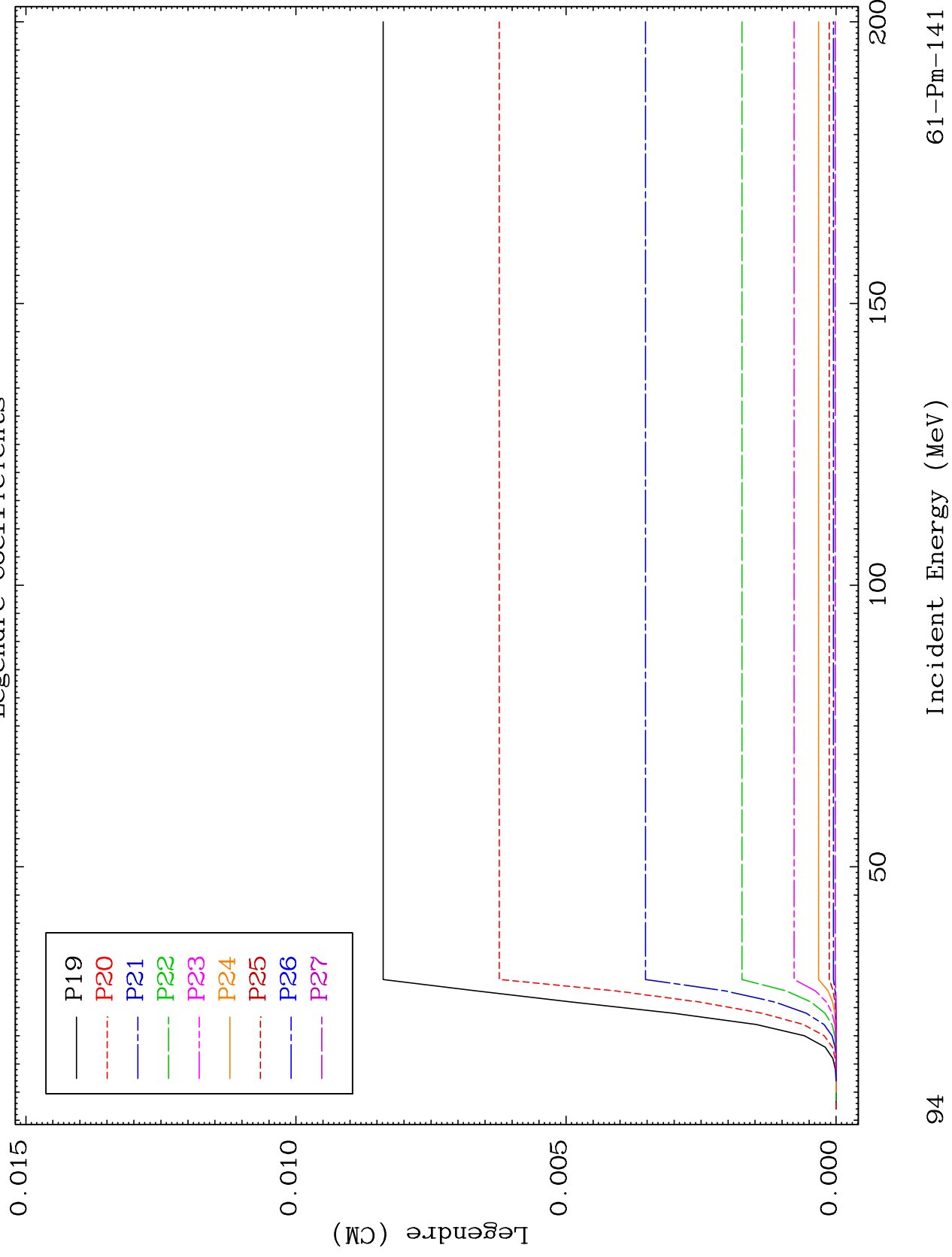
92



MAT 6131

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

61-Pm-141



94

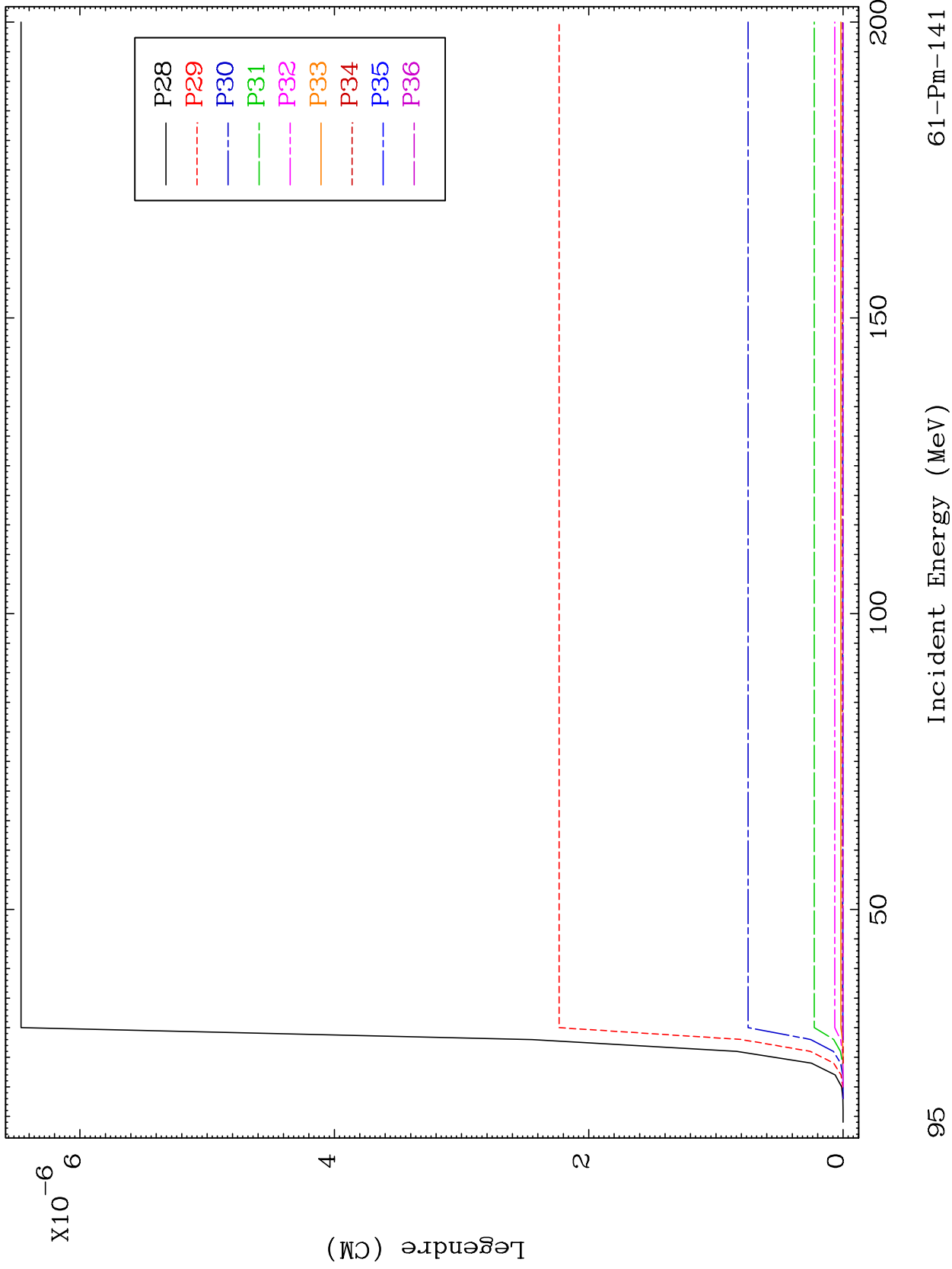
Incident Energy (MeV)

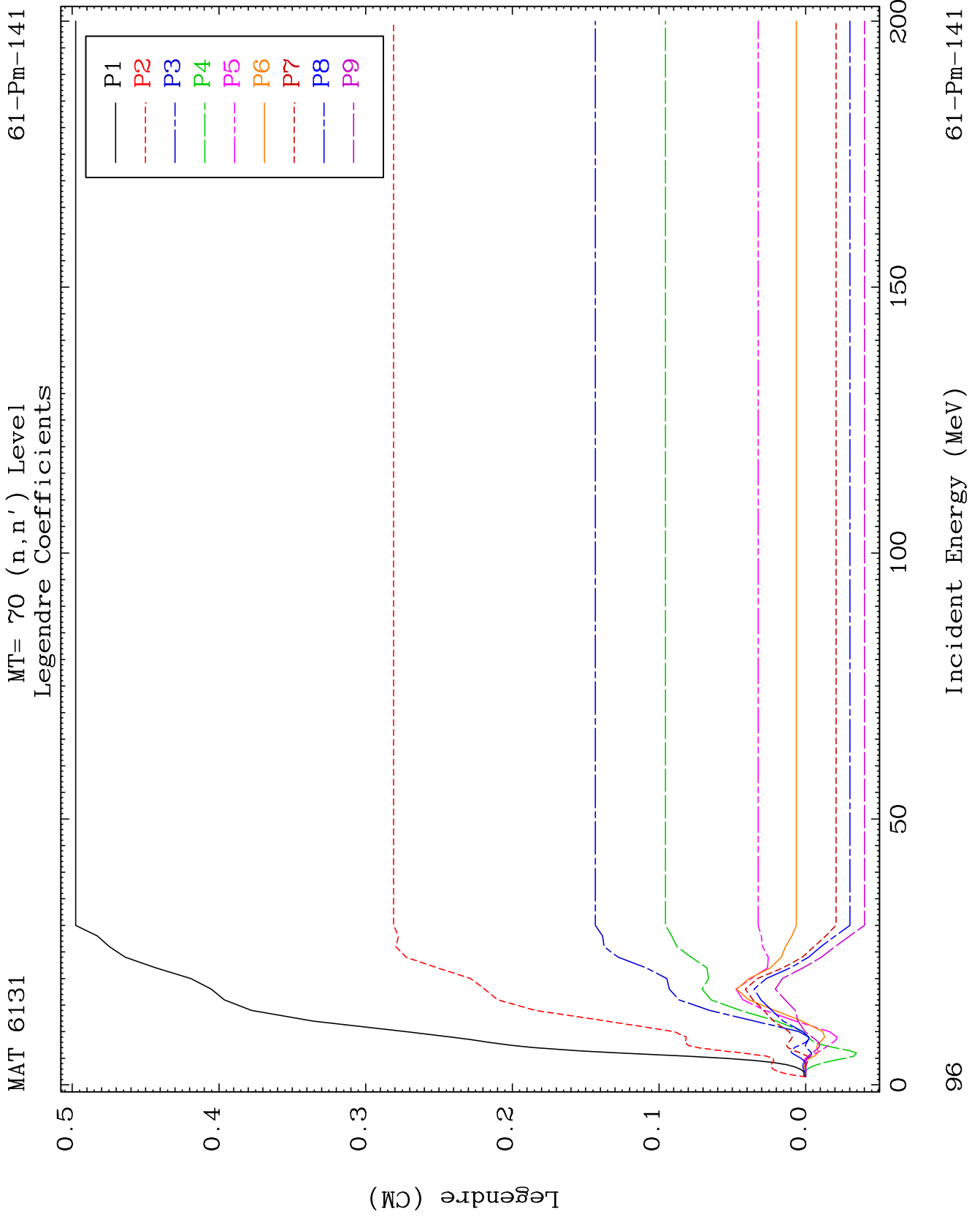
61-Pm-141

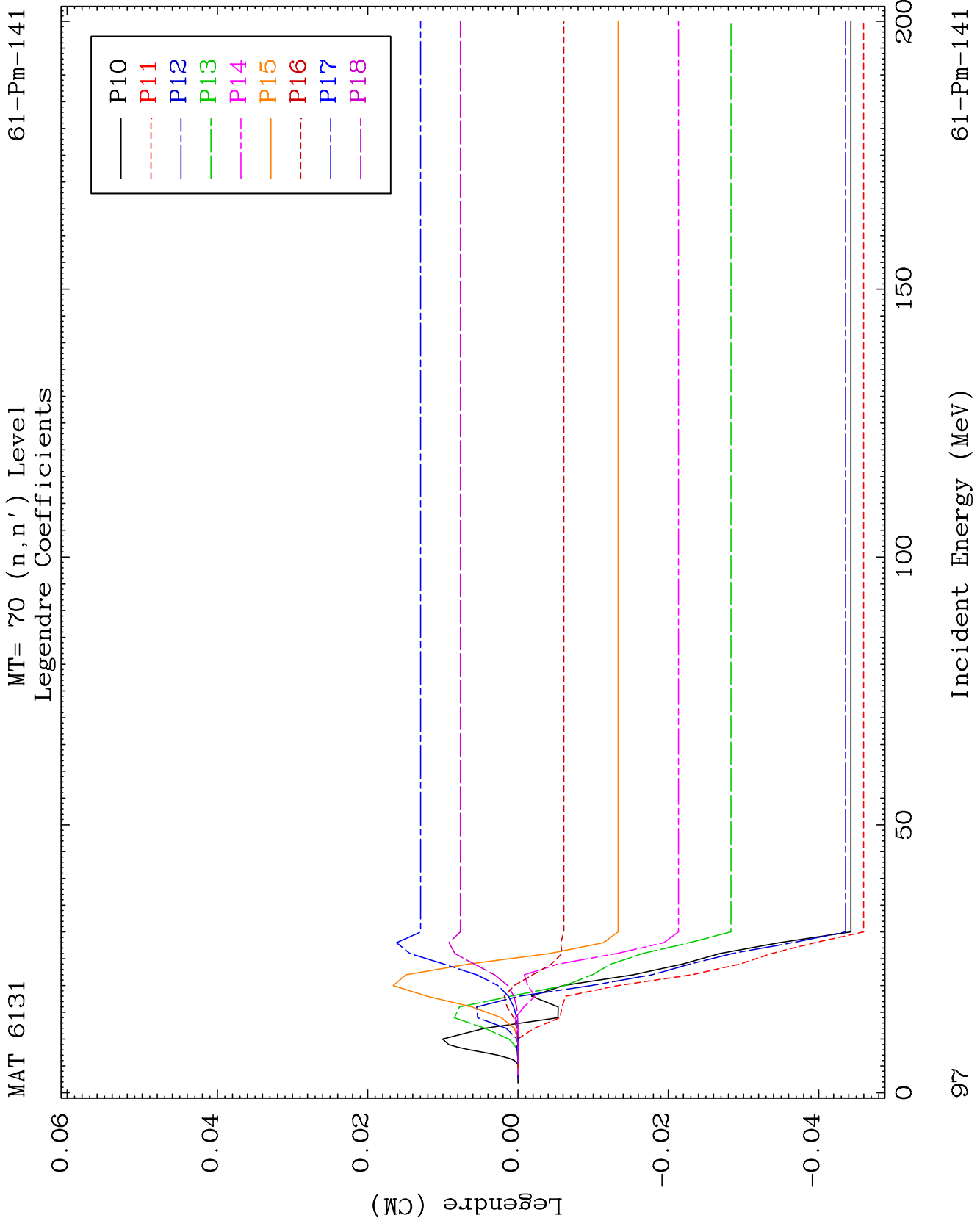
MAT 6131

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

61-Pm-141



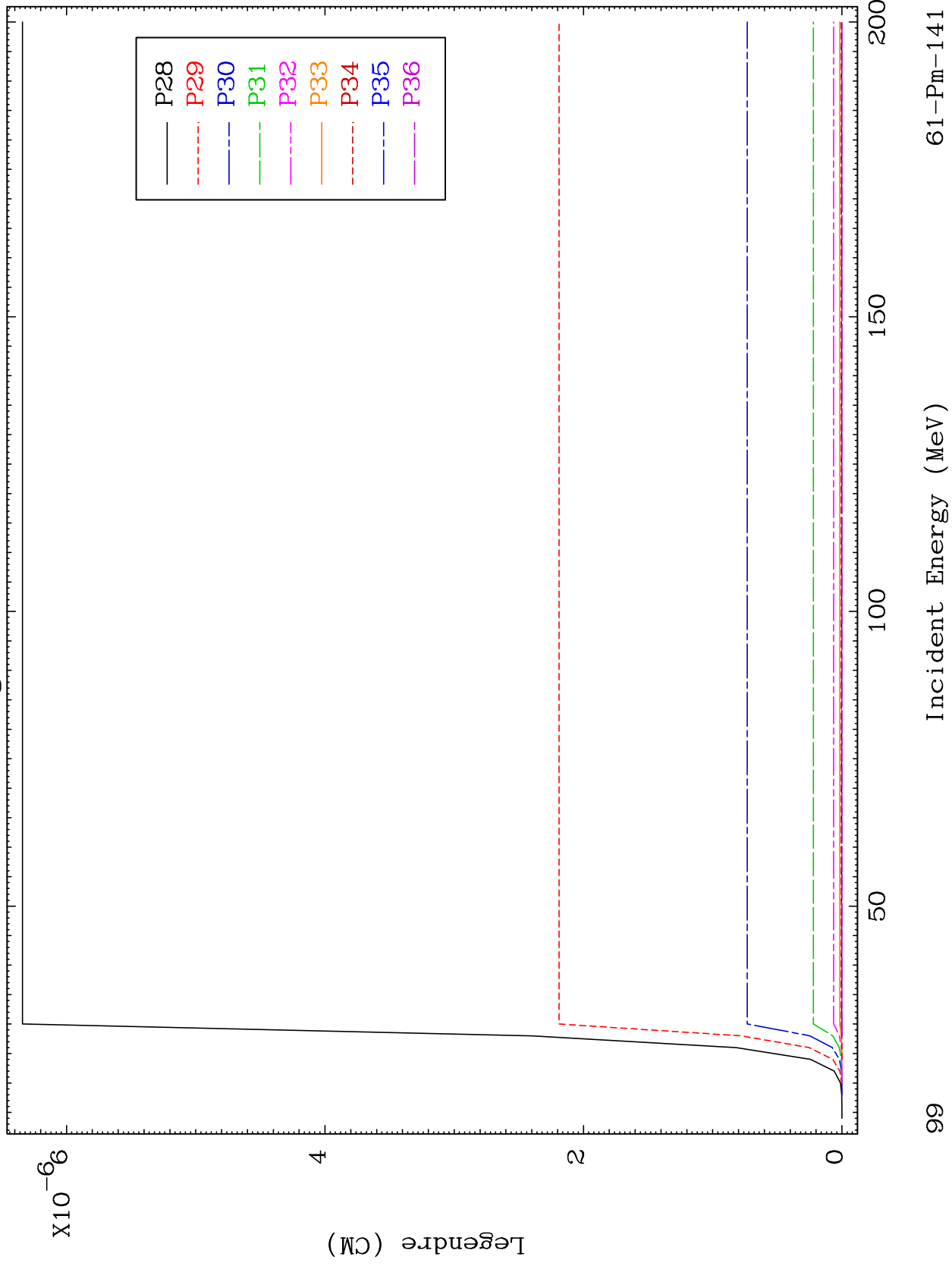




MAT 6131

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

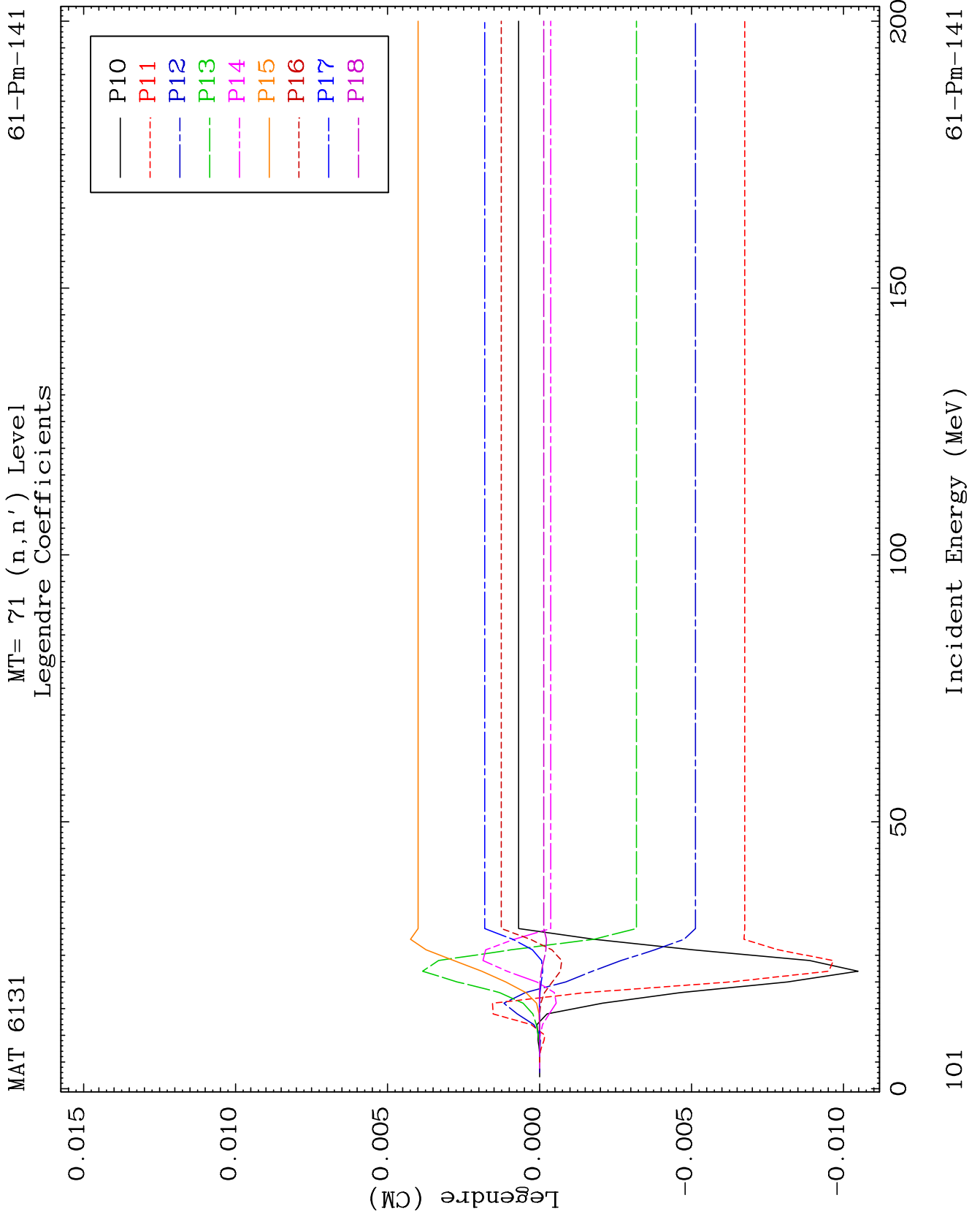
61-Pm-141



99

Incident Energy (MeV)

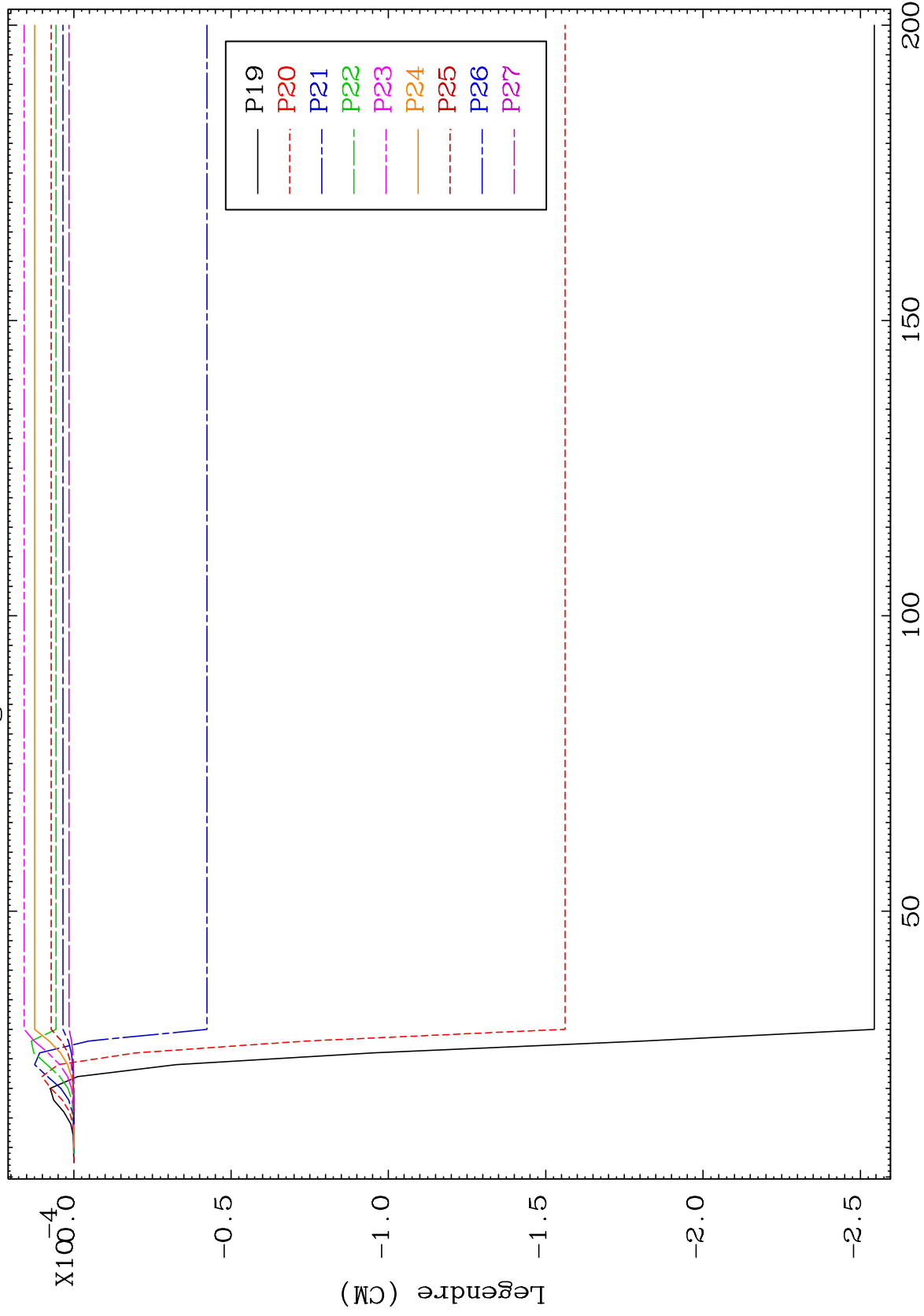
61-Pm-141



MAT 6131

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

61-Pm-141



102

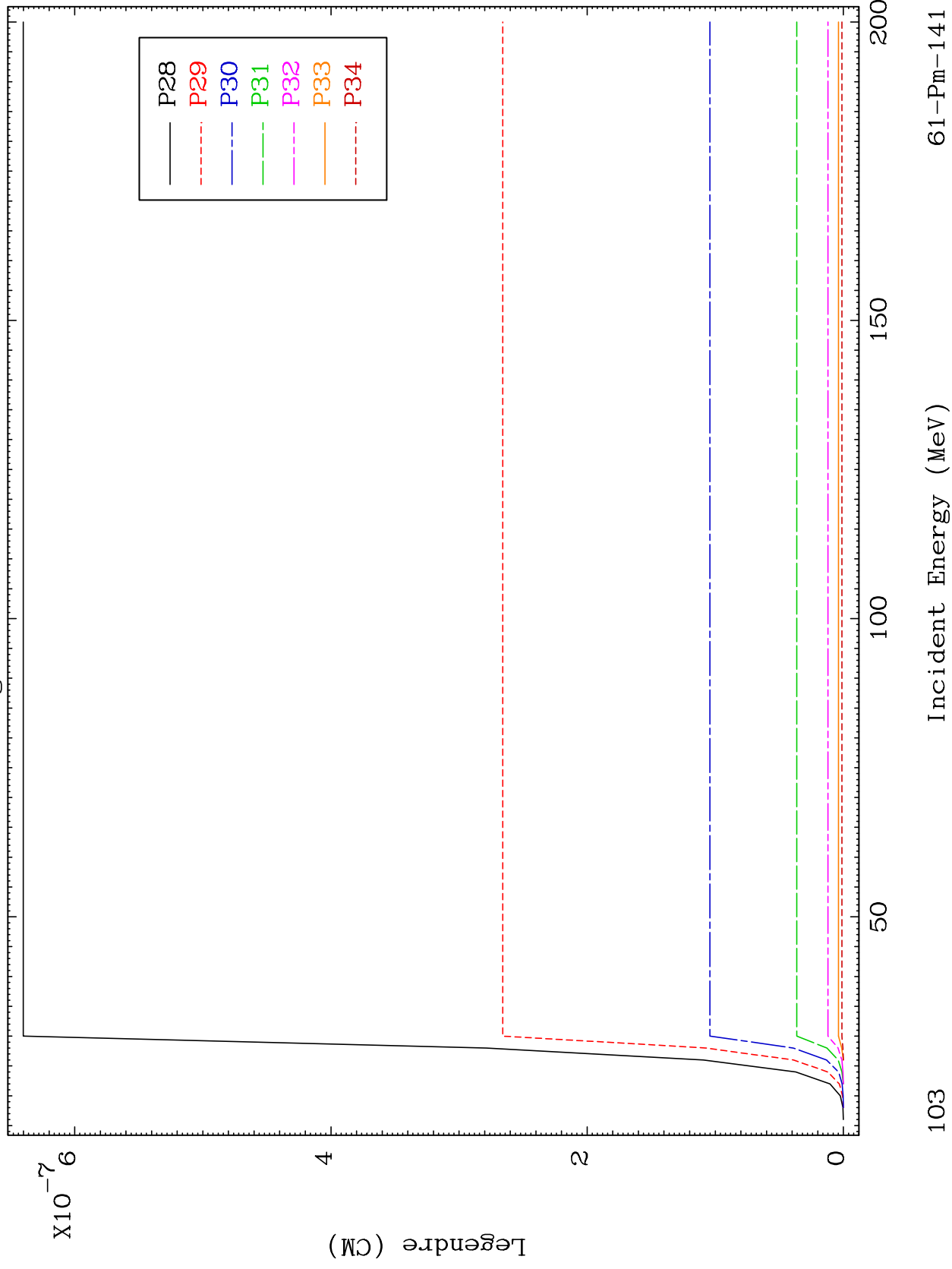
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

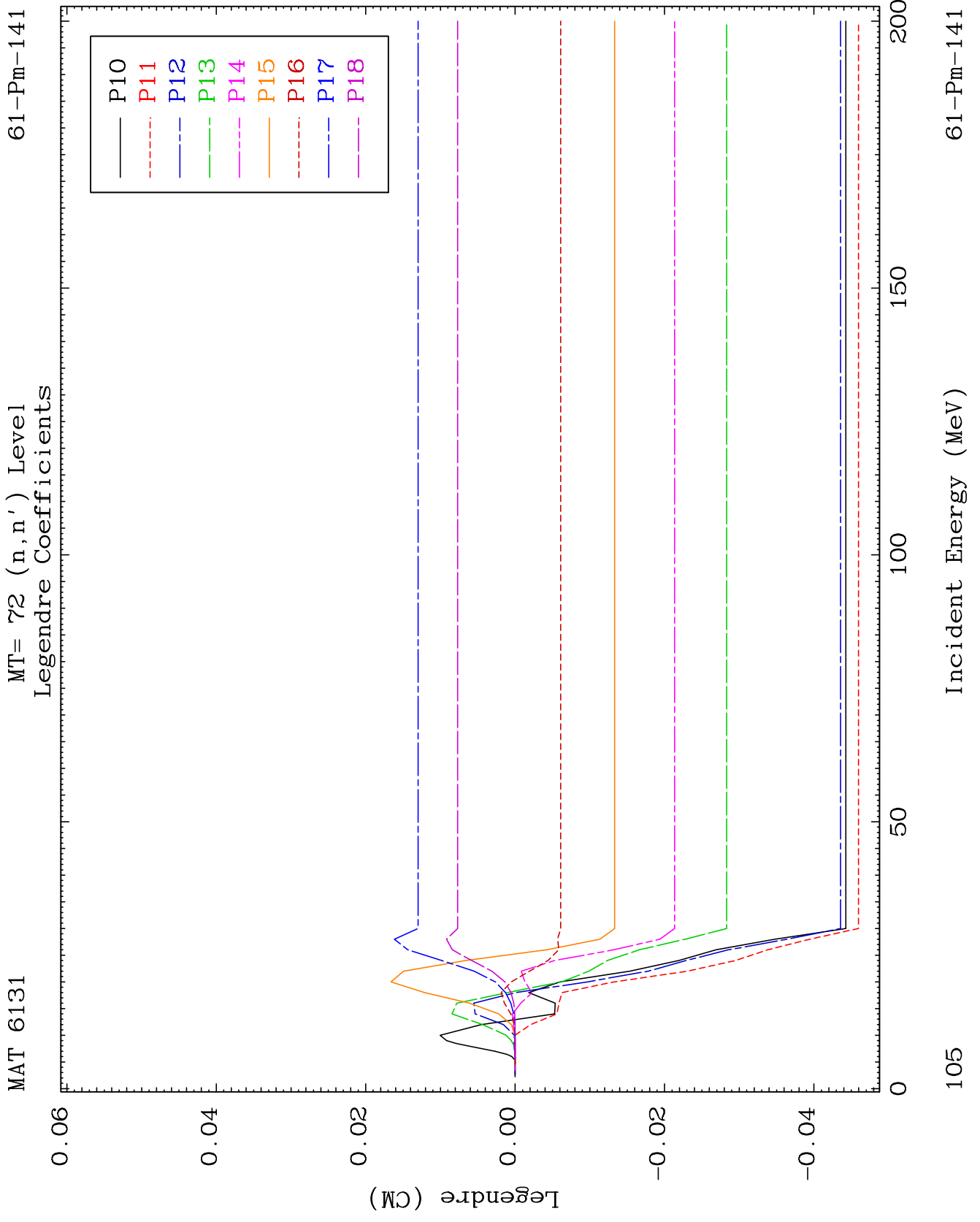
61-Pm-141



103

Incident Energy (MeV)

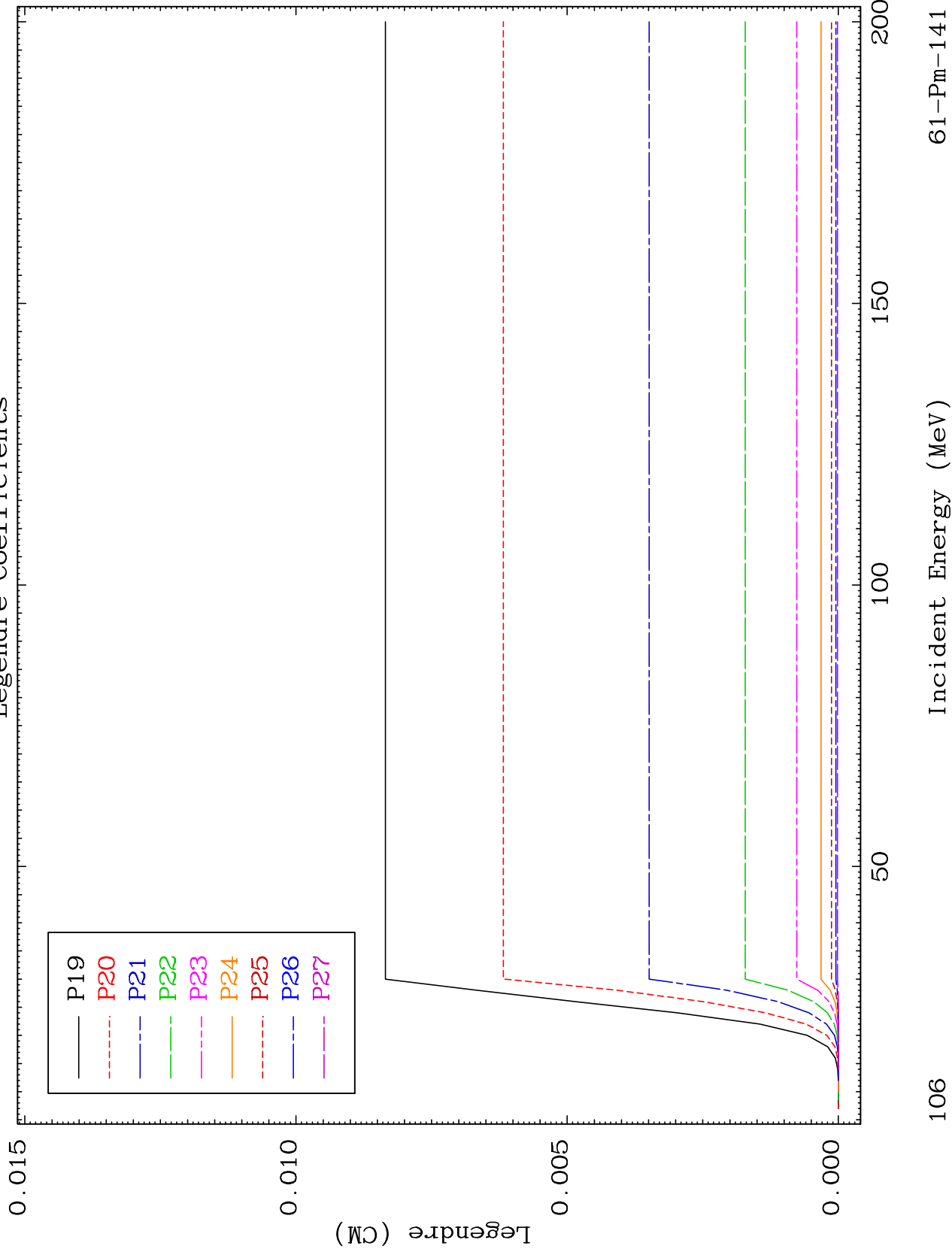
61-Pm-141



MAT 6131

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

61-Pm-141

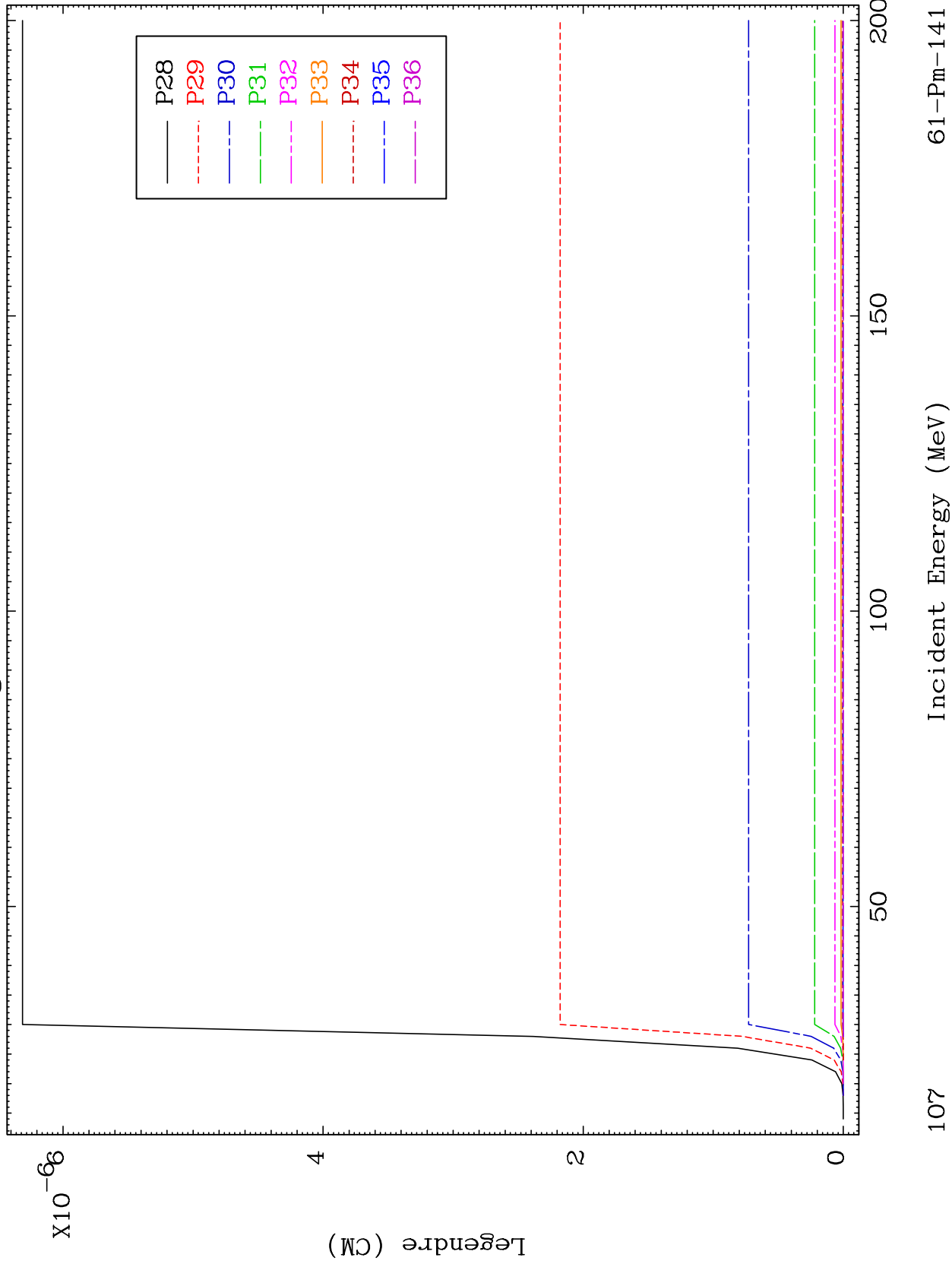


106

MAT 6131

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

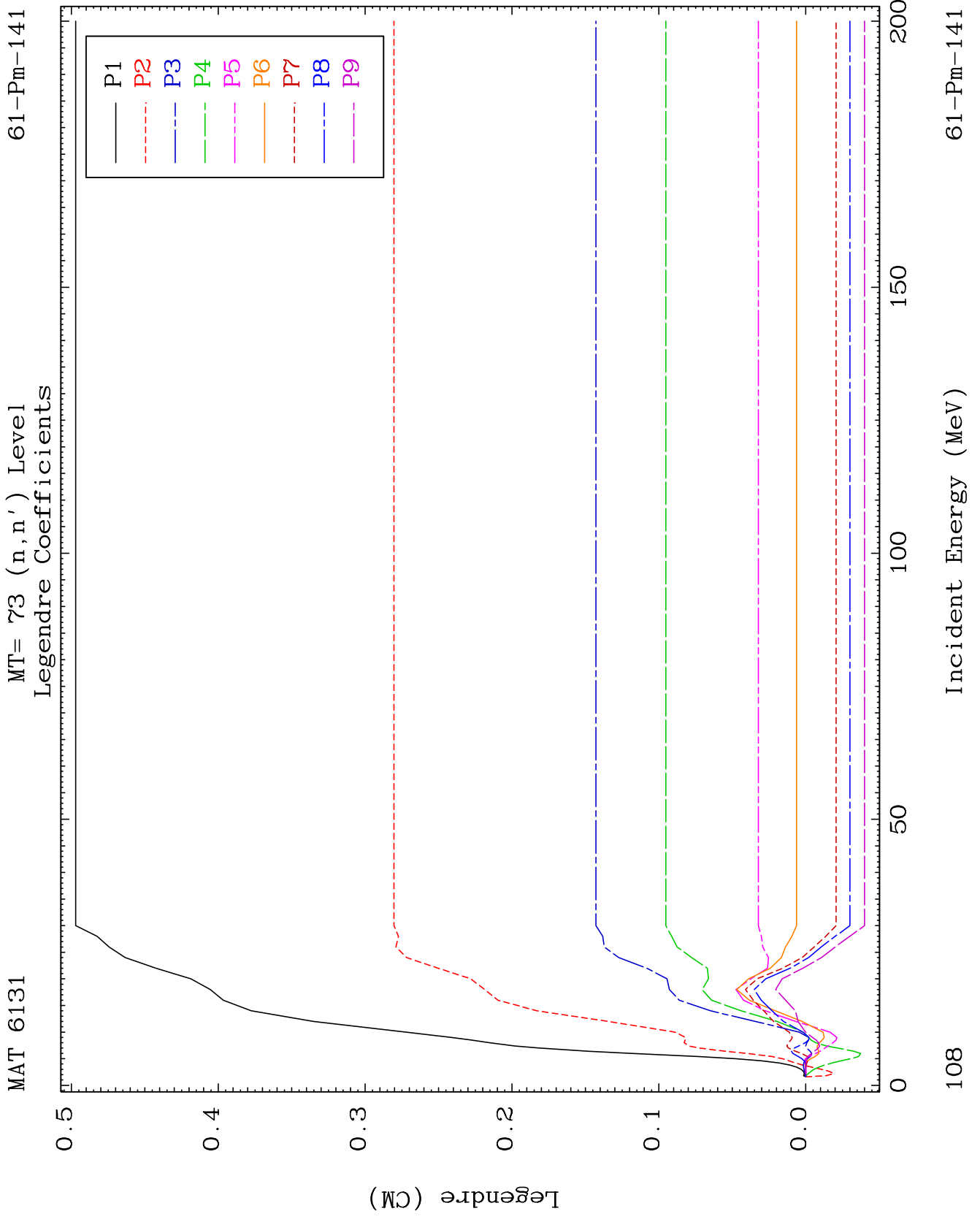
61-Pm-141

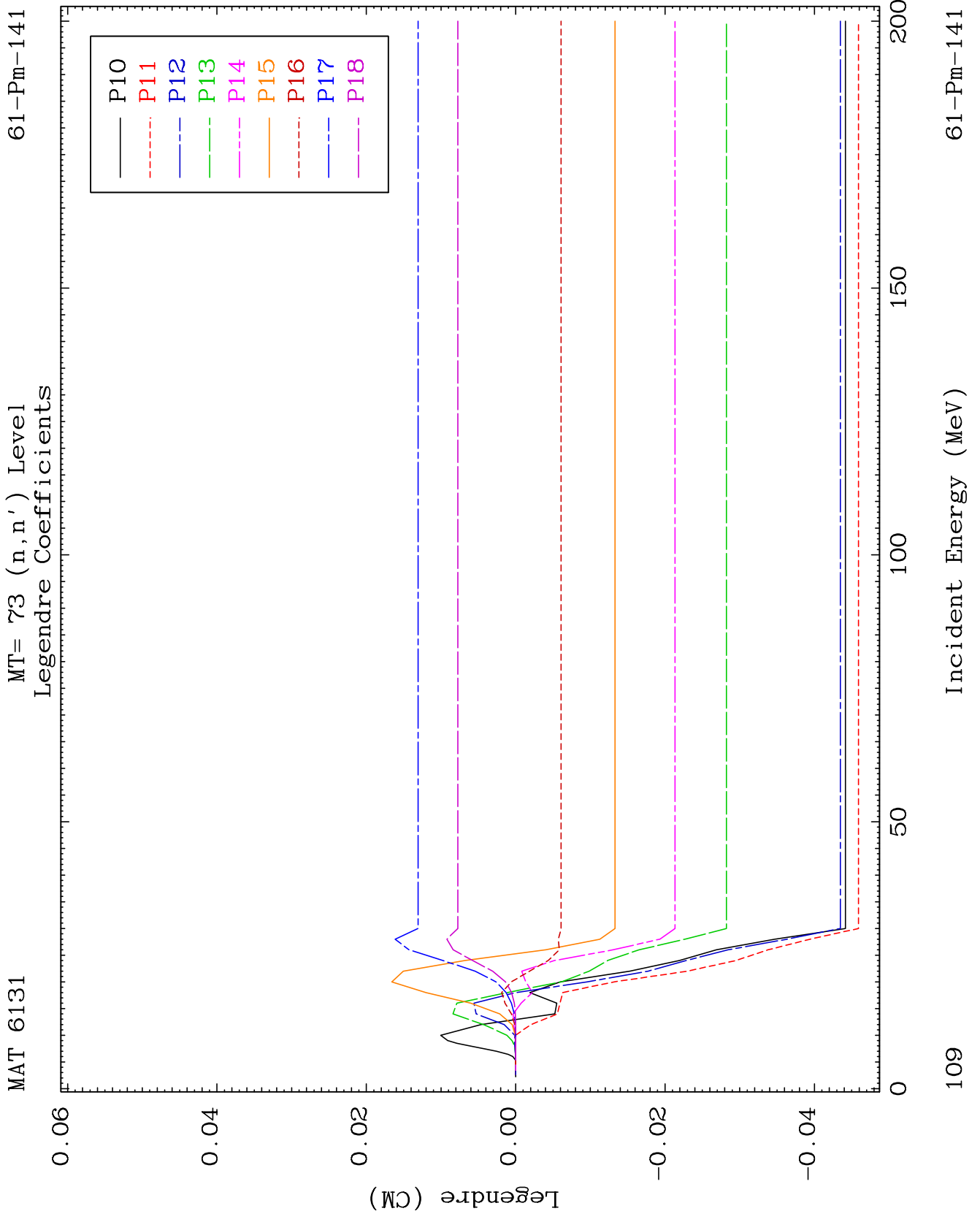


107

Incident Energy (MeV)

61-Pm-141

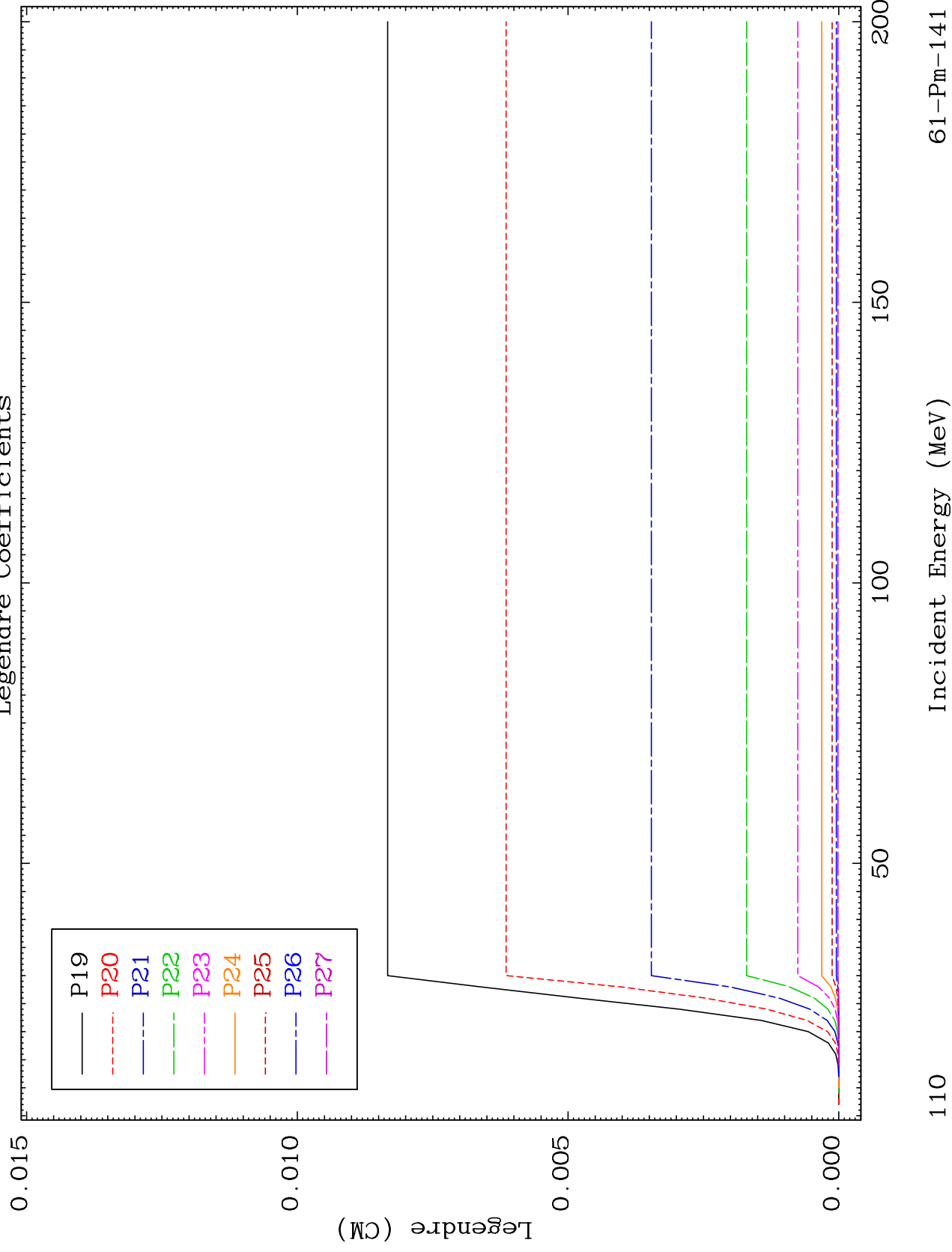




MAT 6131

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

61-Pm-141



110

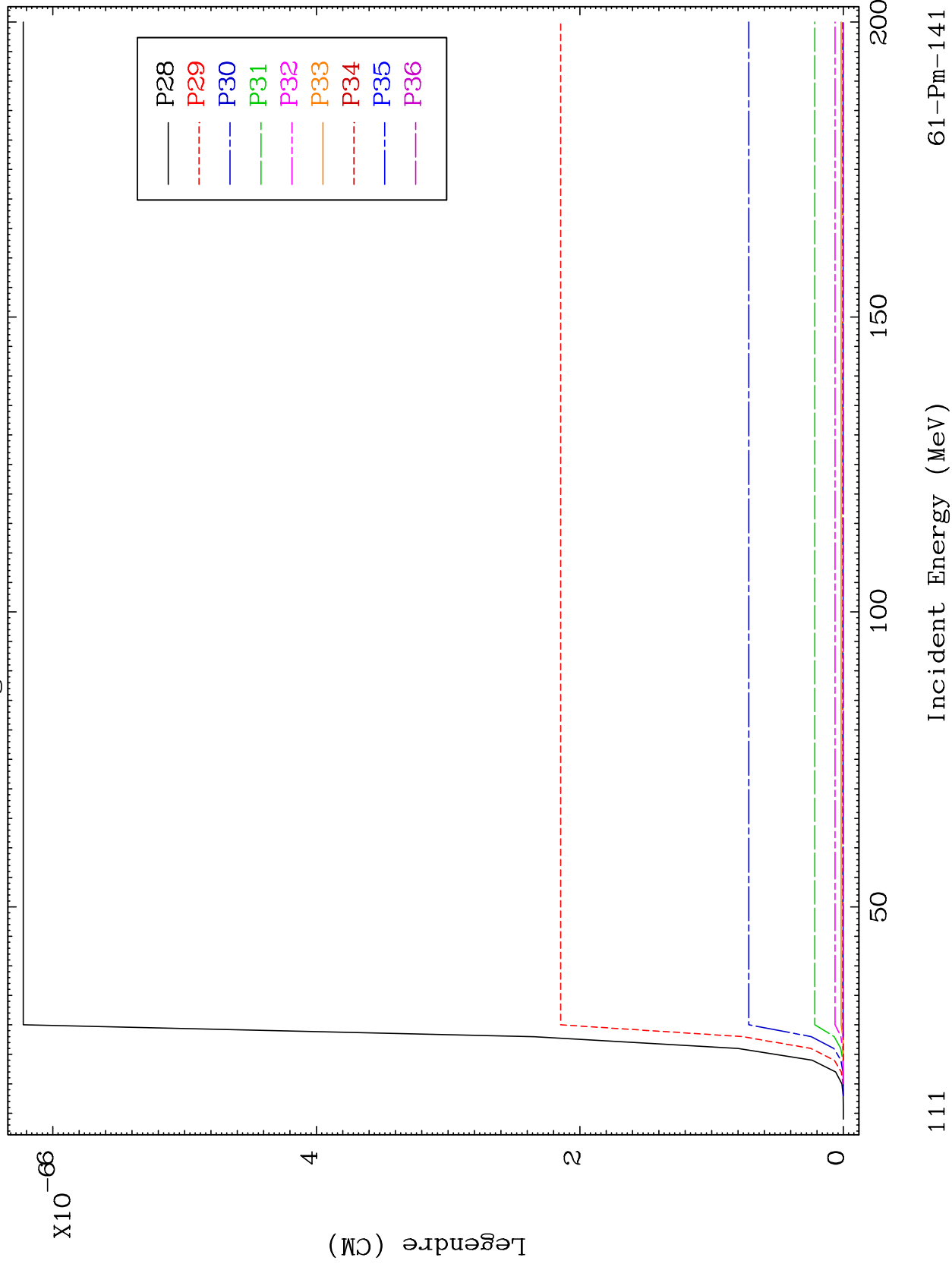
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

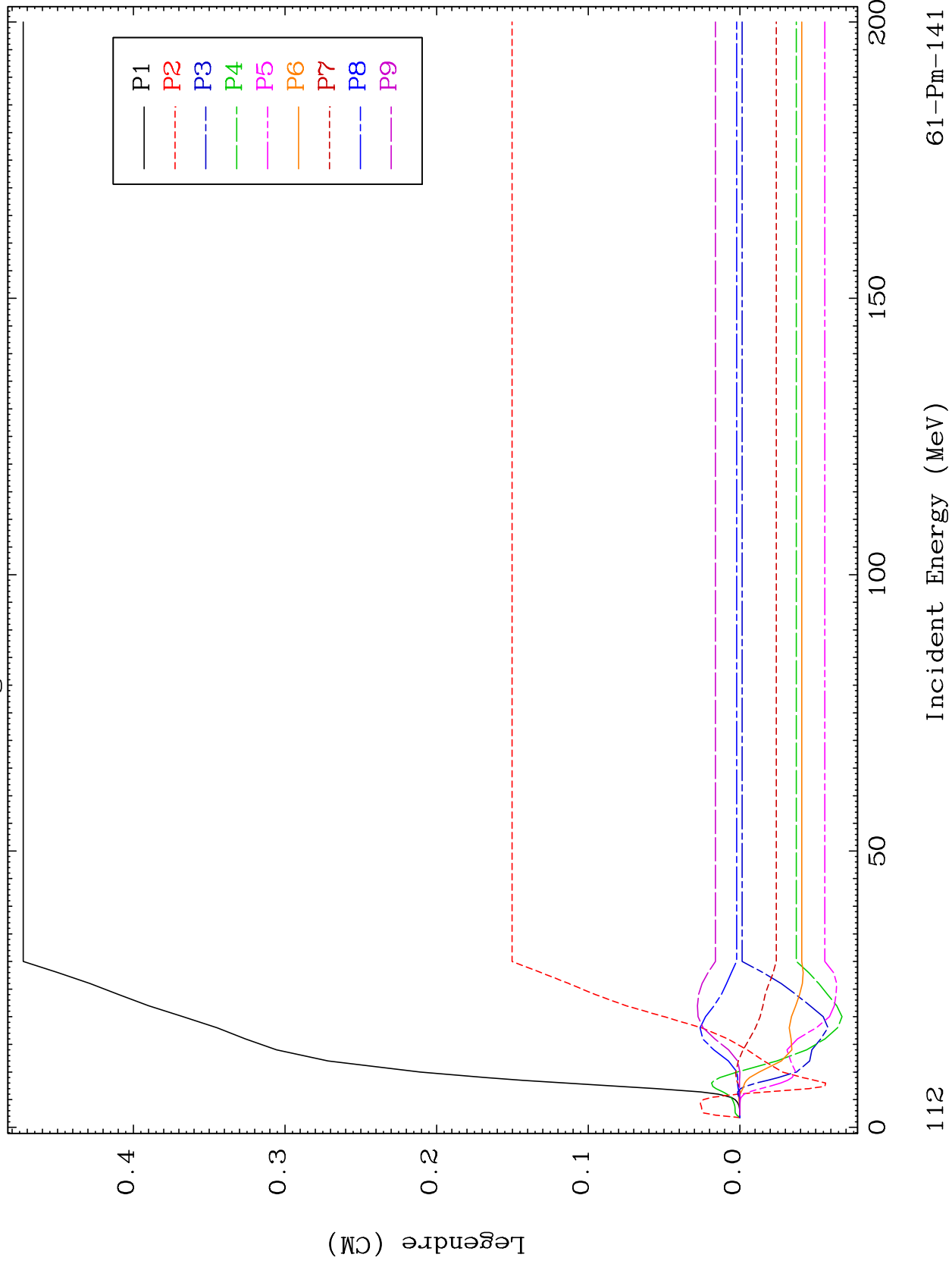
61-Pm-141



MAT 6131

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

61-Pm-141



61-Pm-141

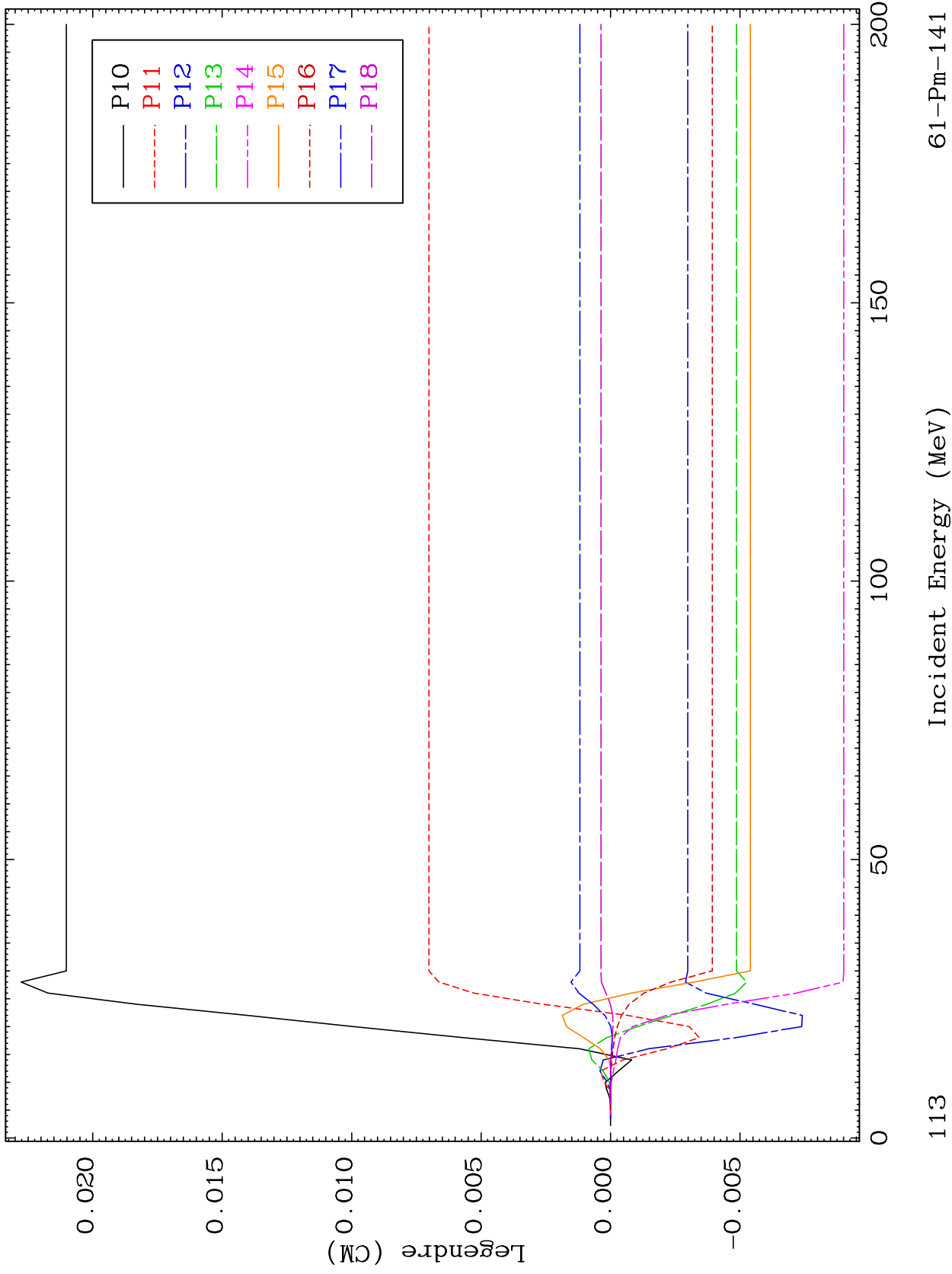
Incident Energy (MeV)

112

MAT 6131

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

61-Pm-141



113

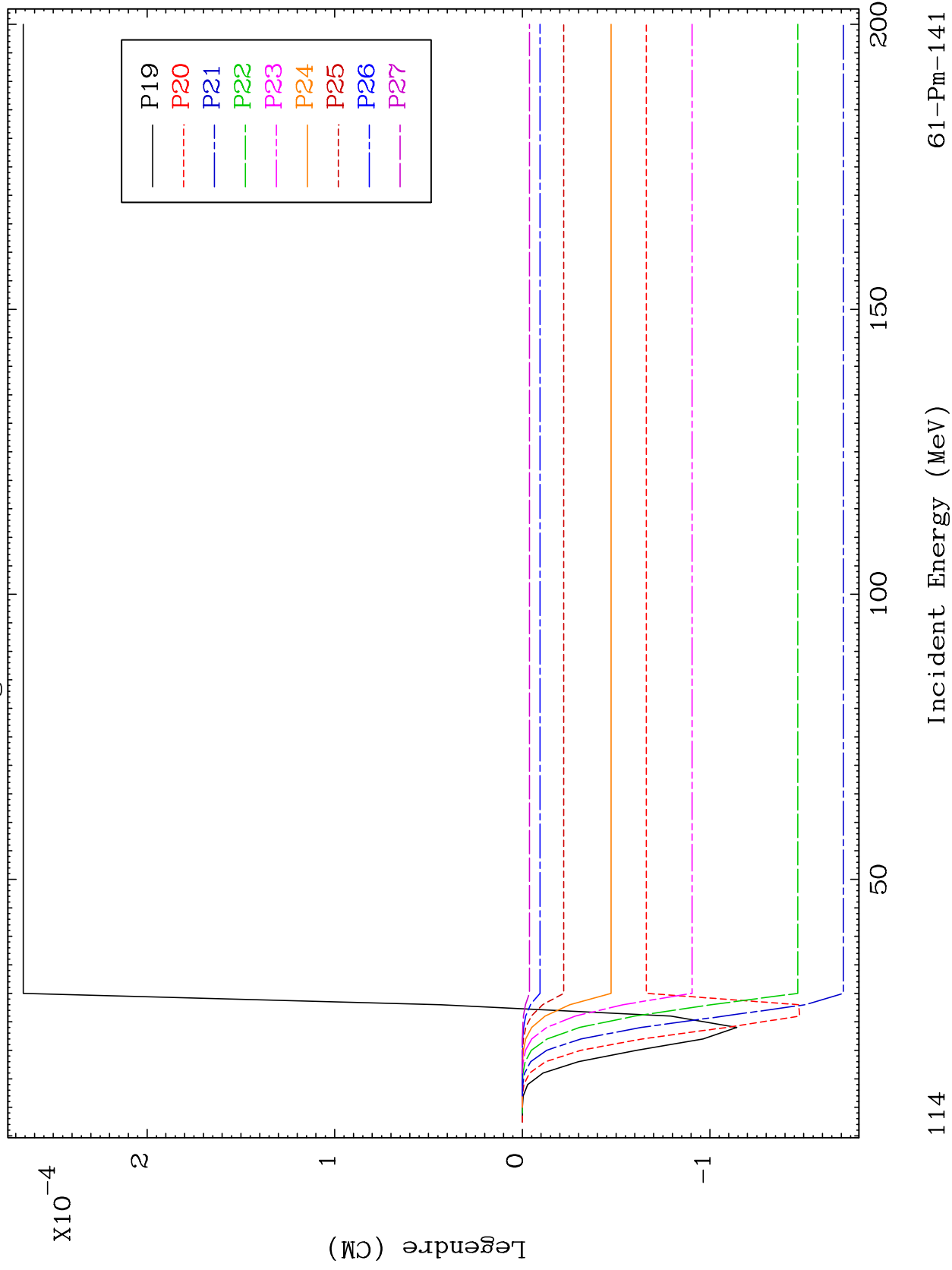
Incident Energy (MeV)

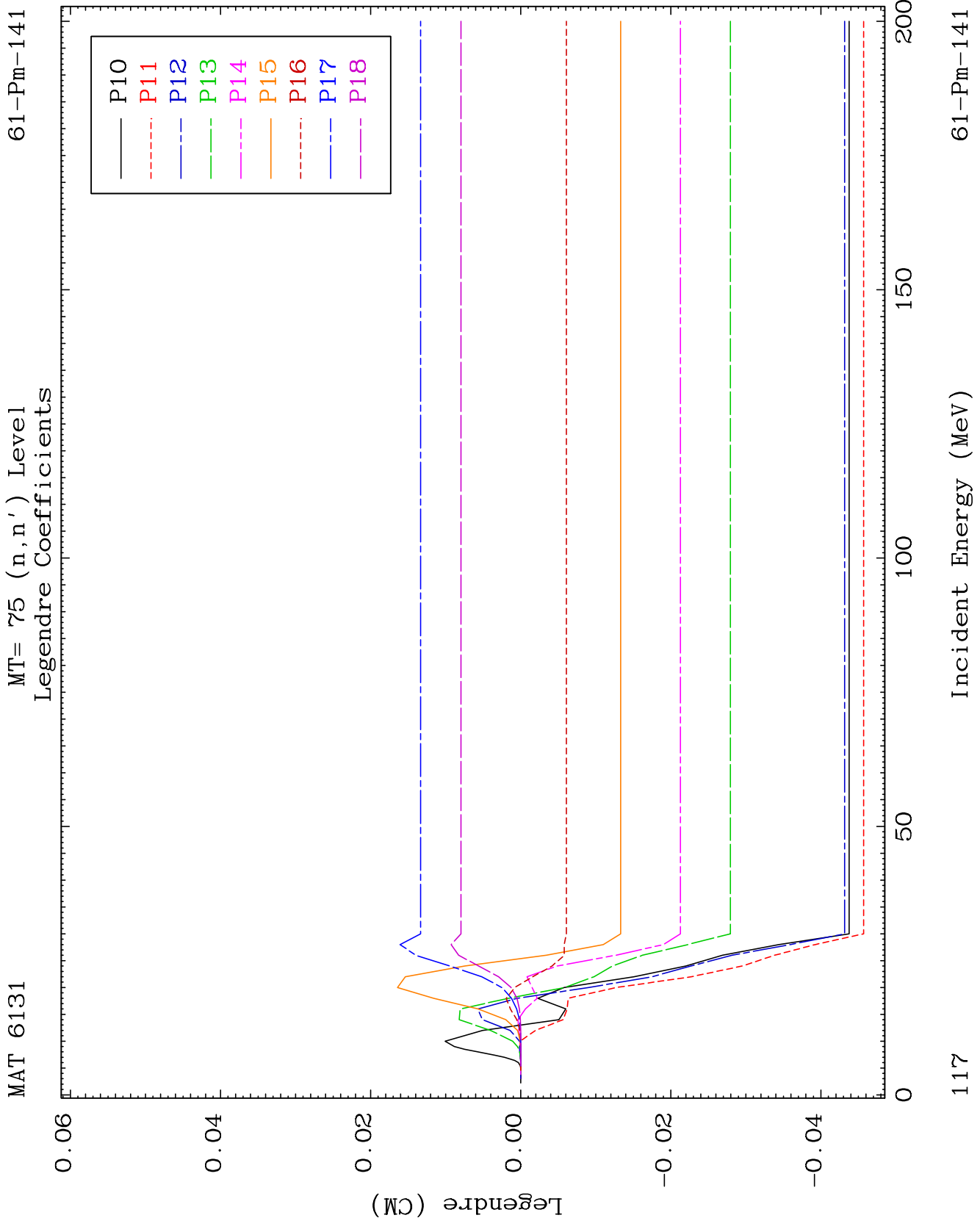
61-Pm-141

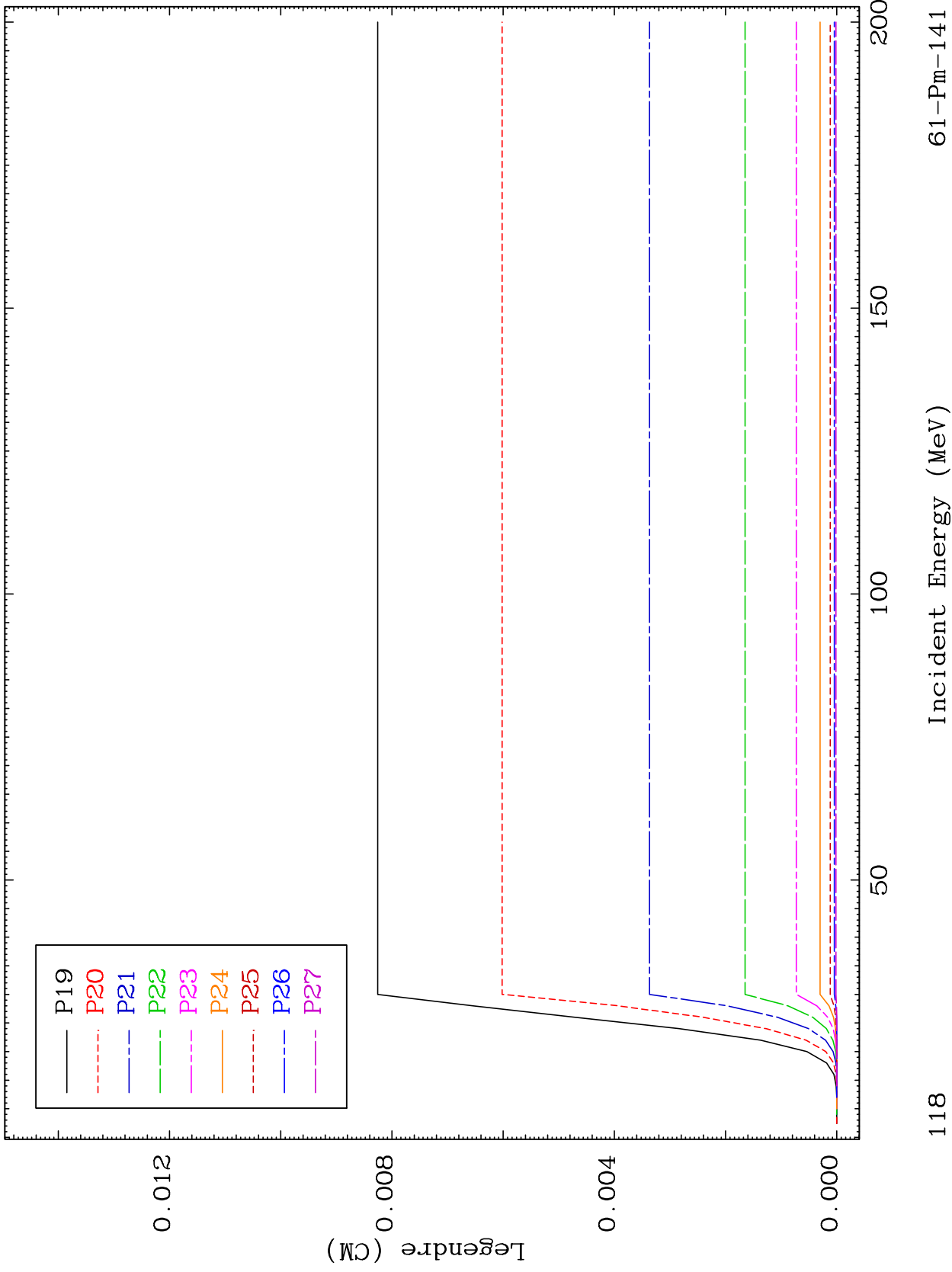
MAT 6131

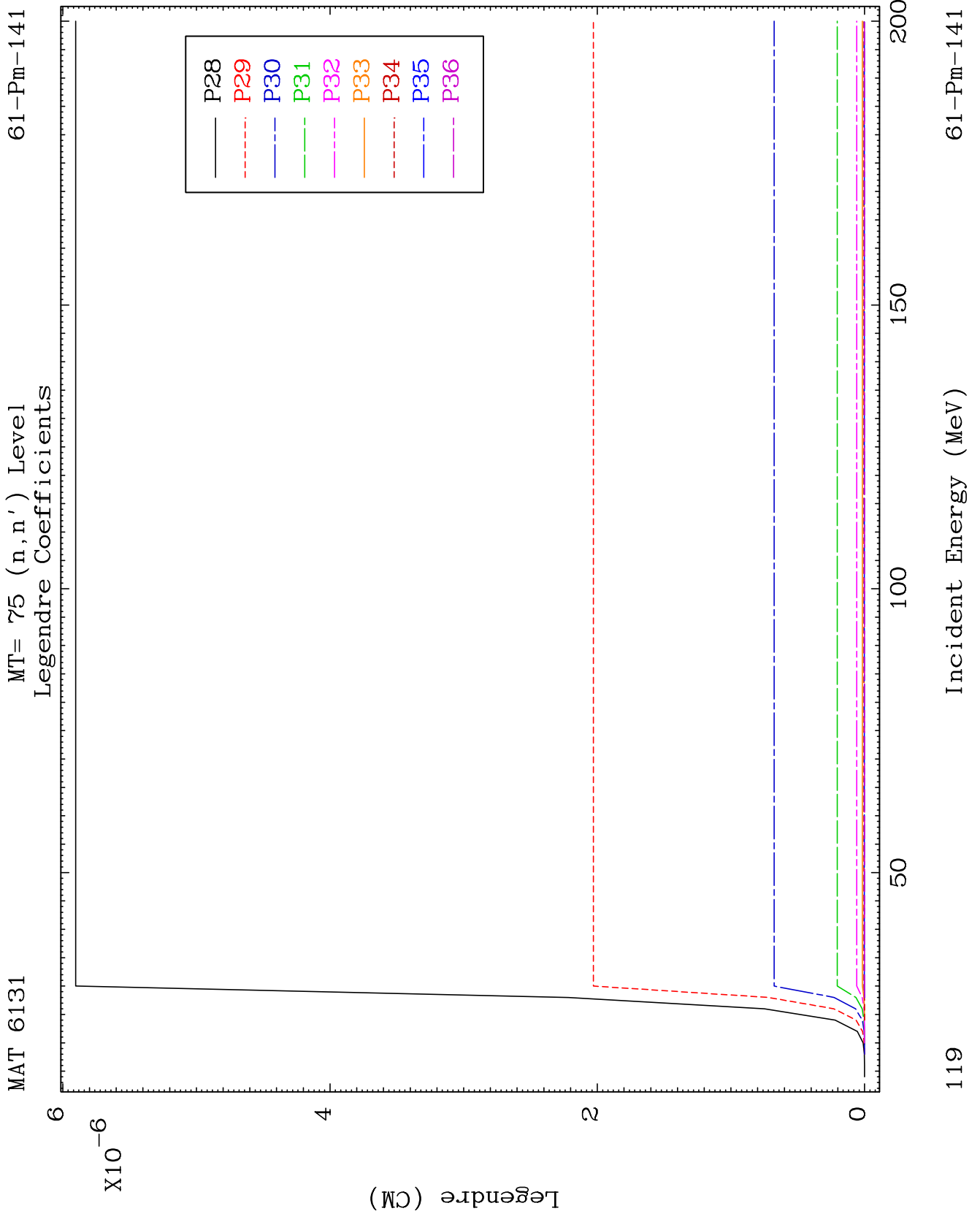
MT= 74 (n,n') Level
Legendre Coefficients

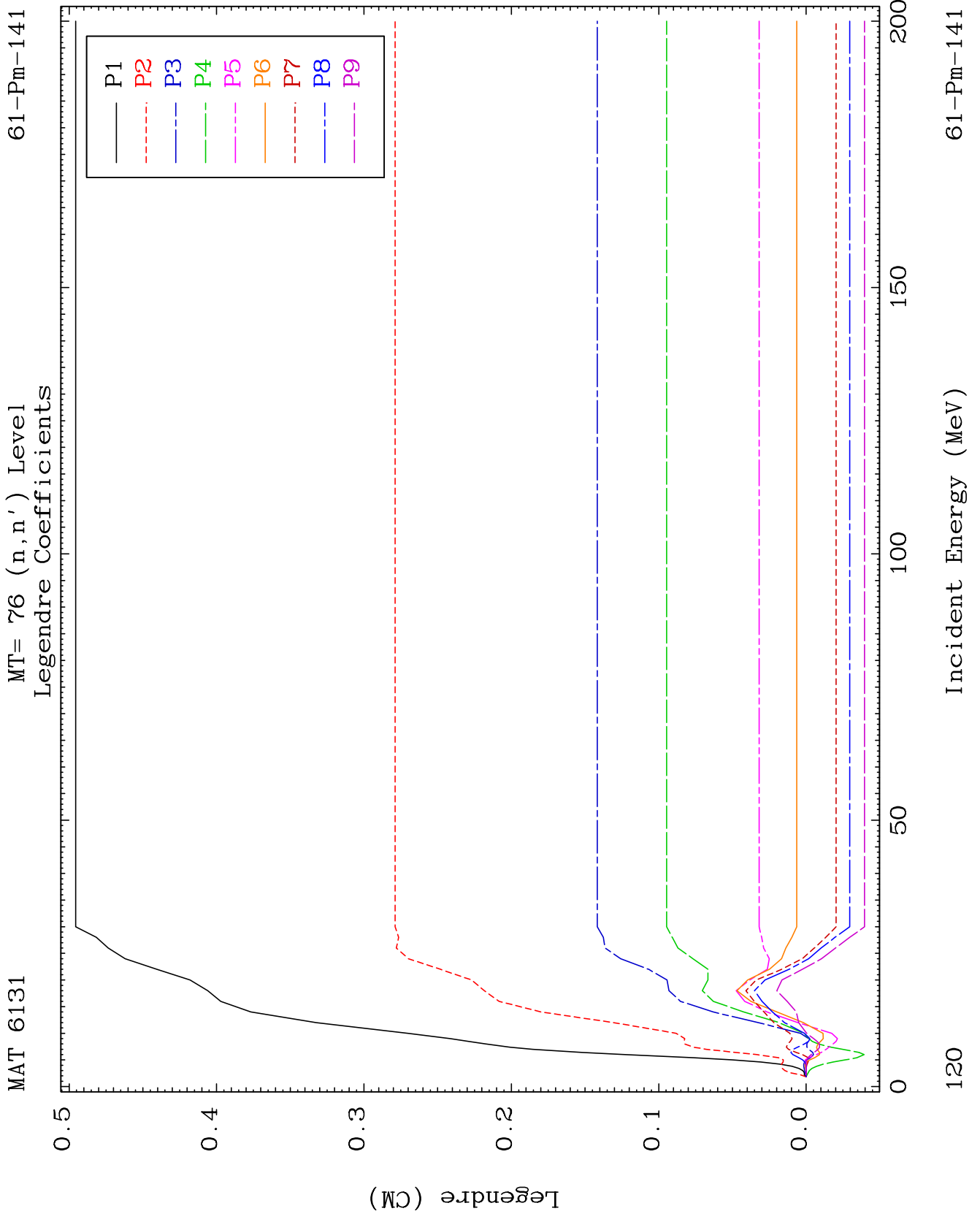
61-Pm-141

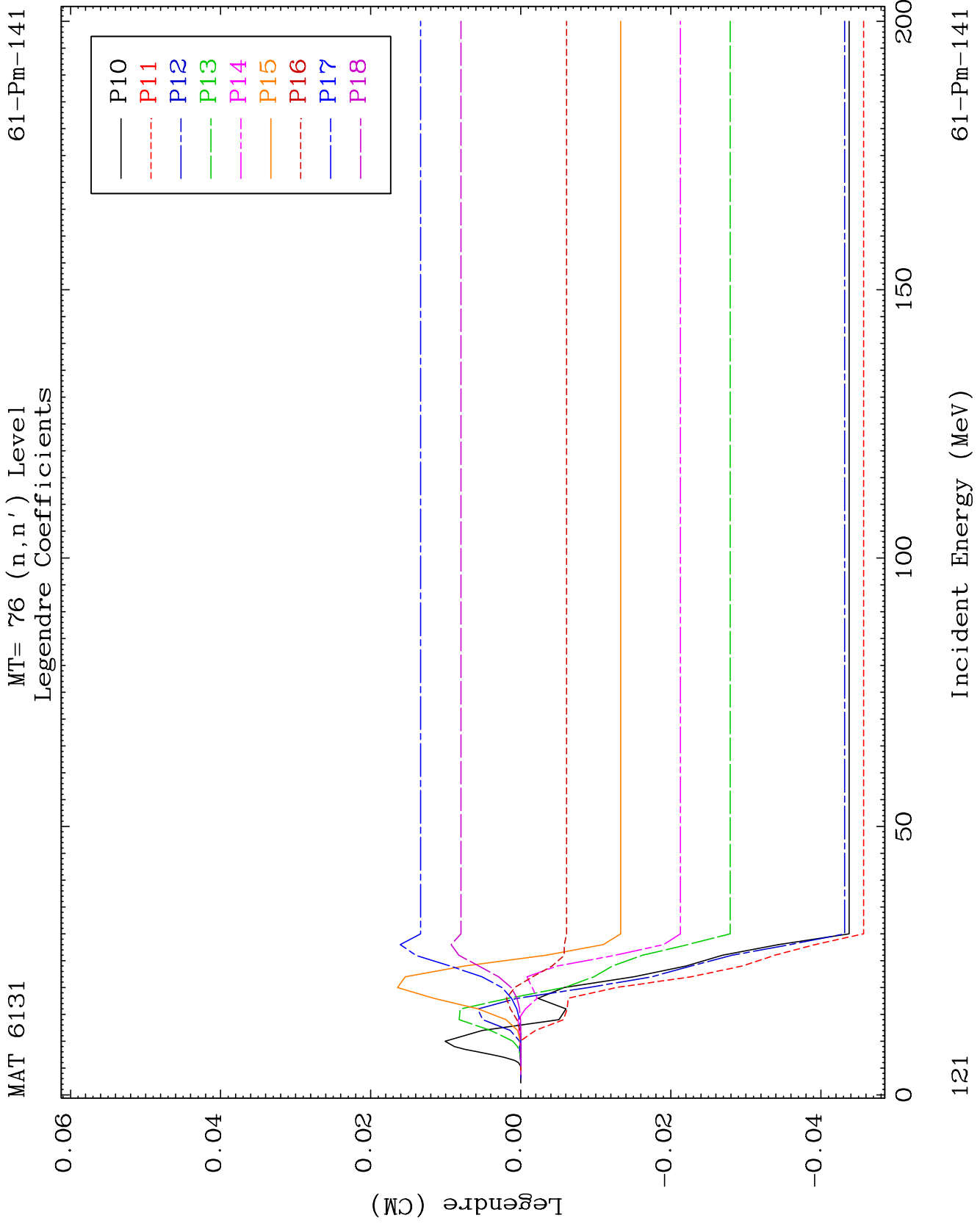








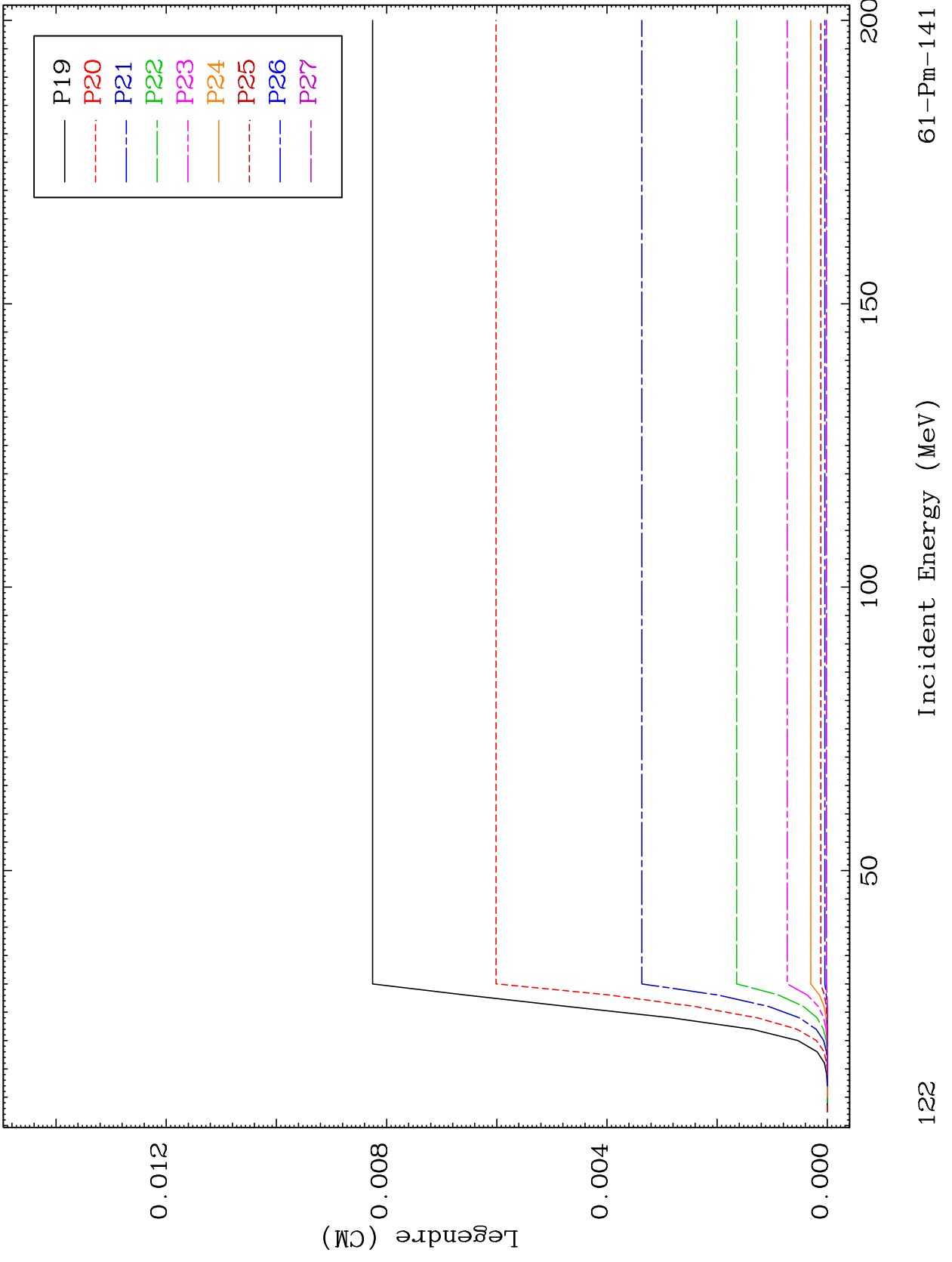




MAT 6131

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

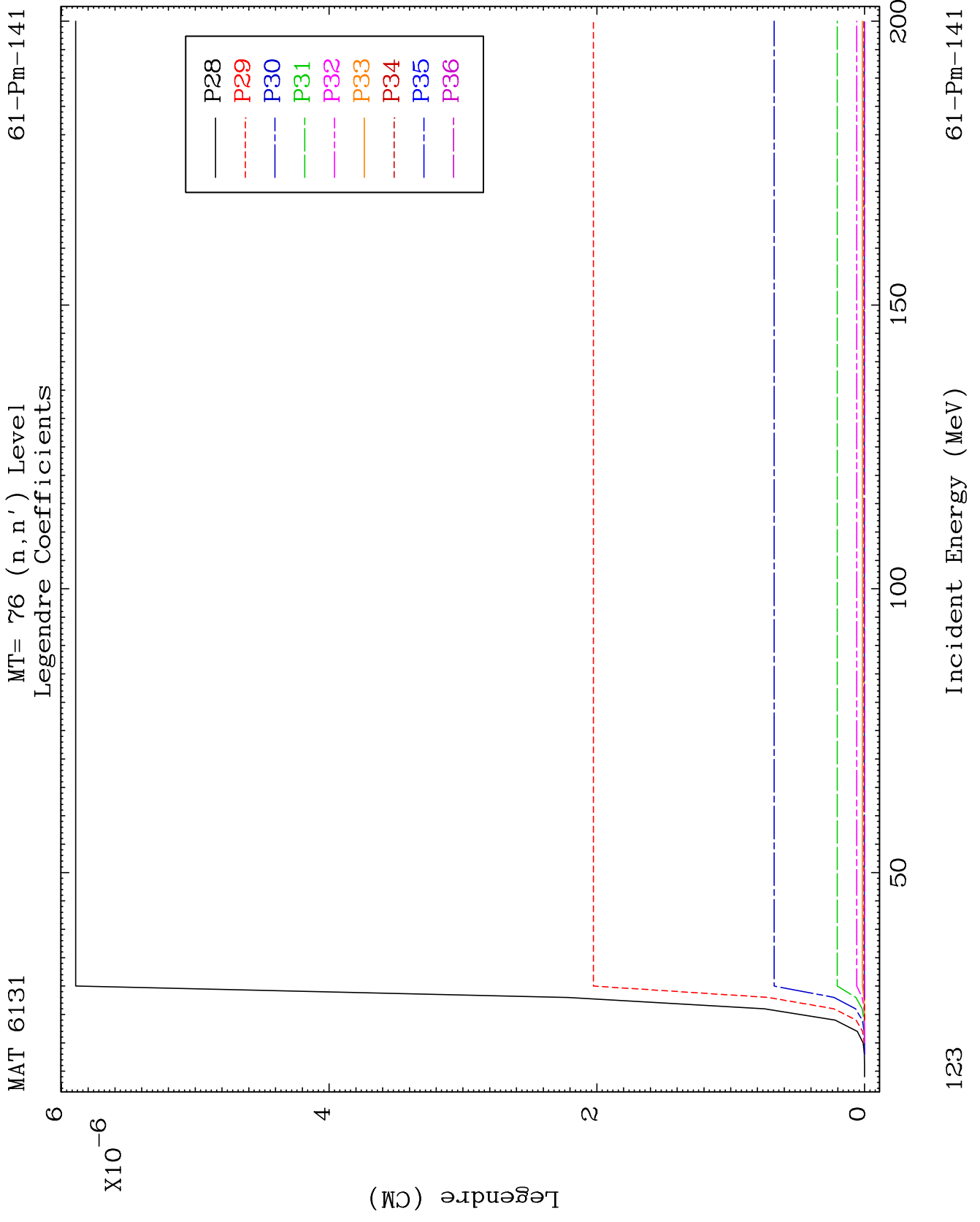
61-Pm-141



122

Incident Energy (MeV)

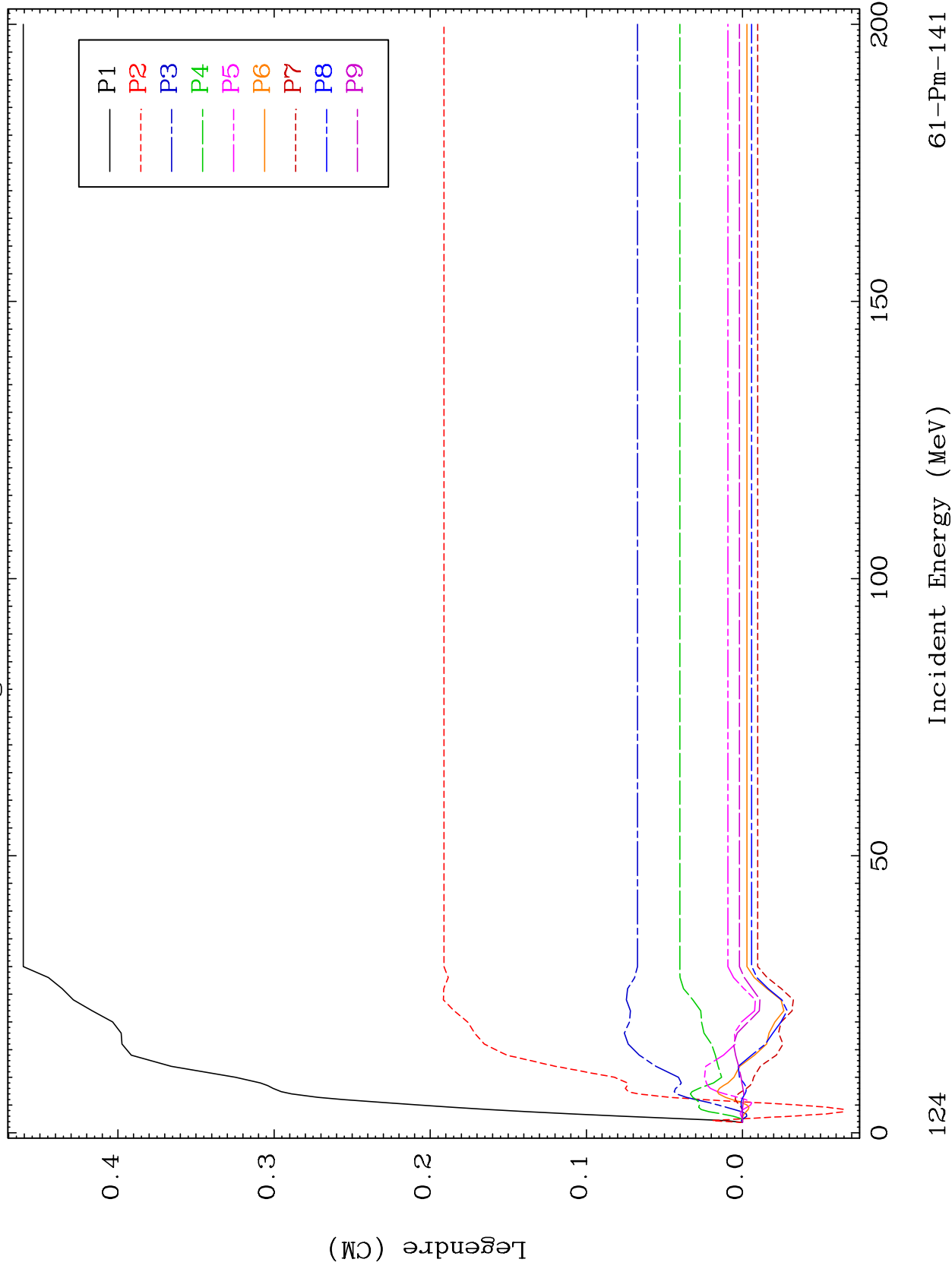
61-Pm-141



MAT 6131

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

61-Pm-141



124

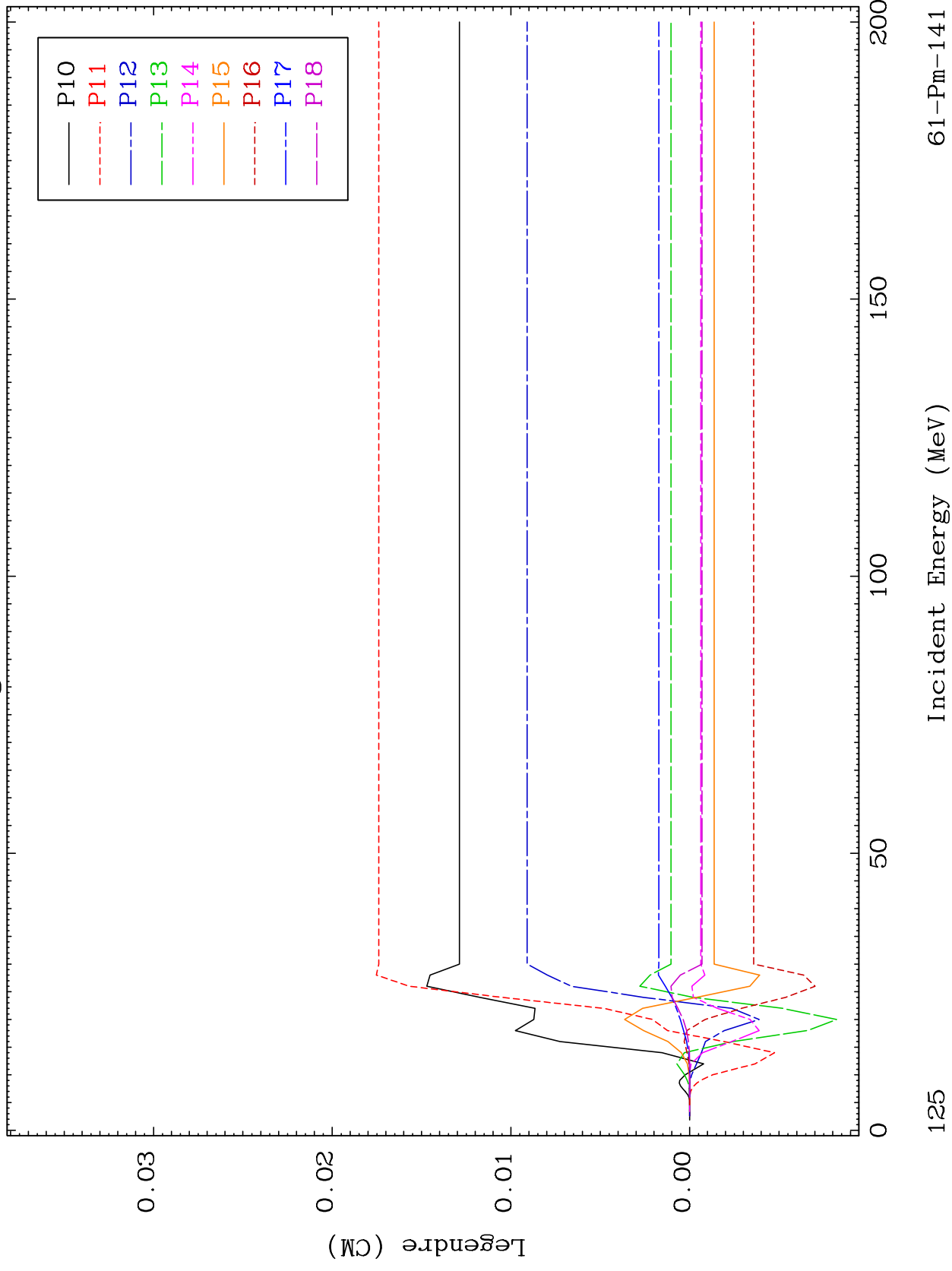
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

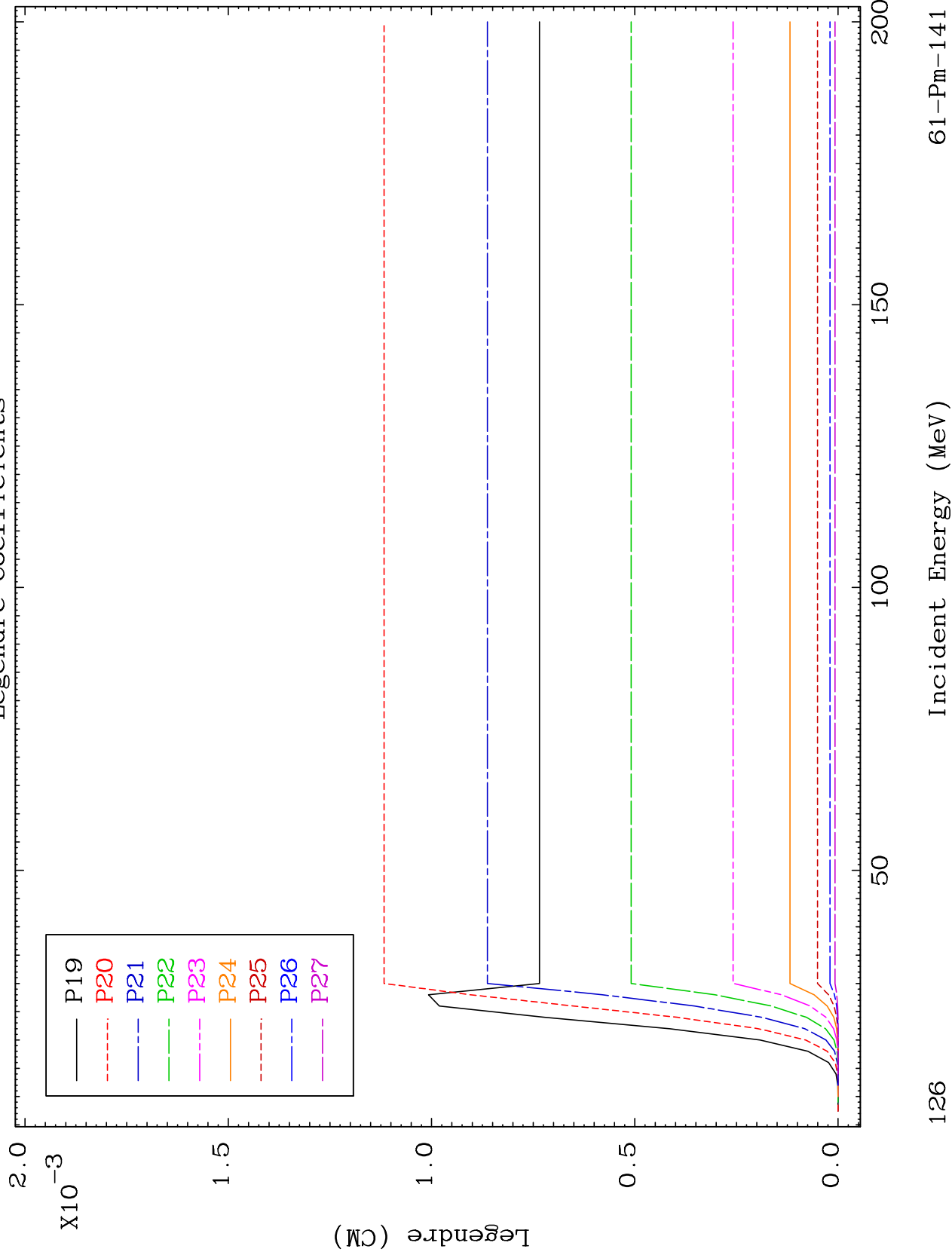
61-Pm-141



61-Pm-141

Incident Energy (MeV)

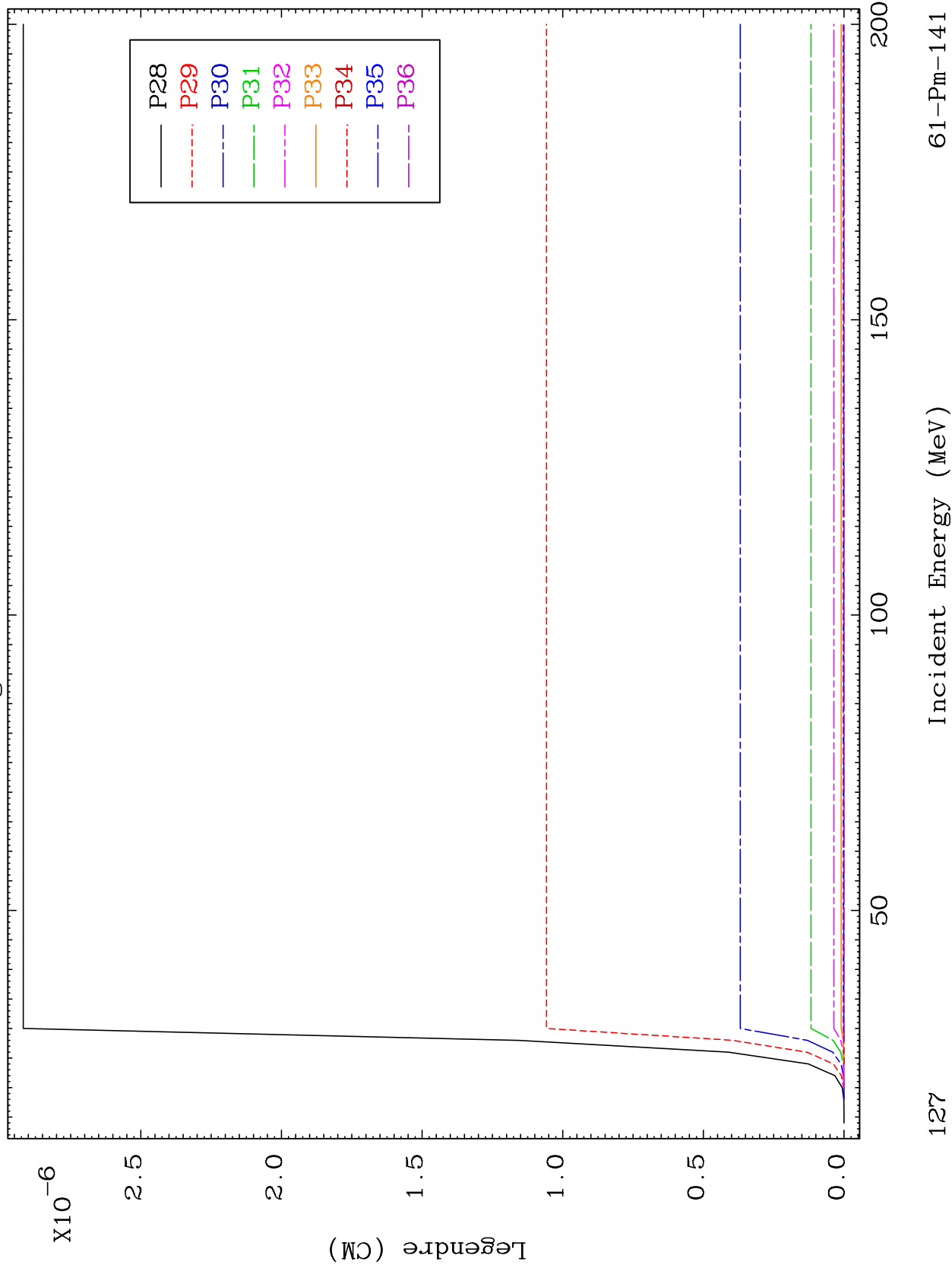
125



MAT 6131

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

61-Pm-141

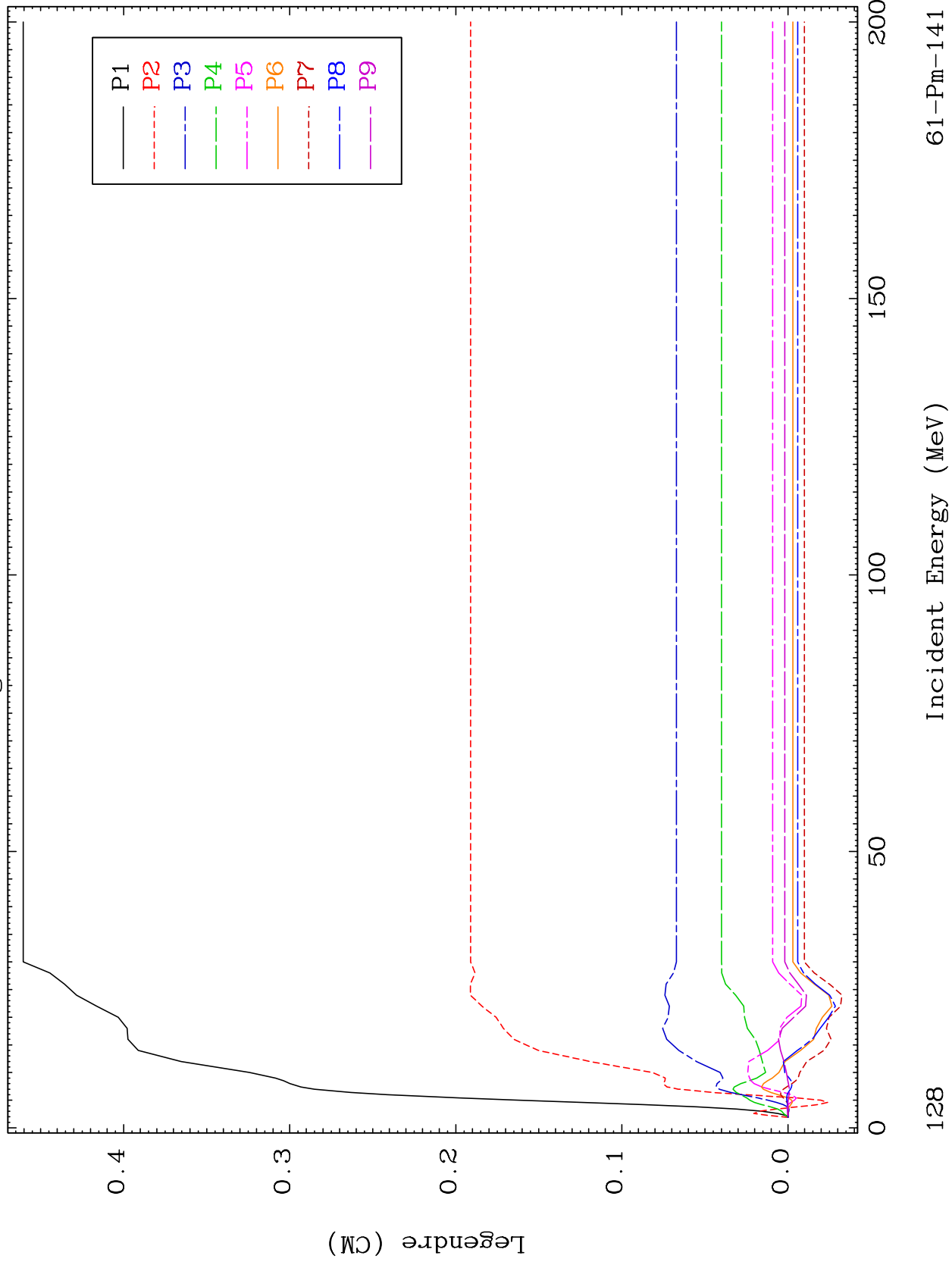


127

MAT 6131

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

61-Pm-141



61-Pm-141

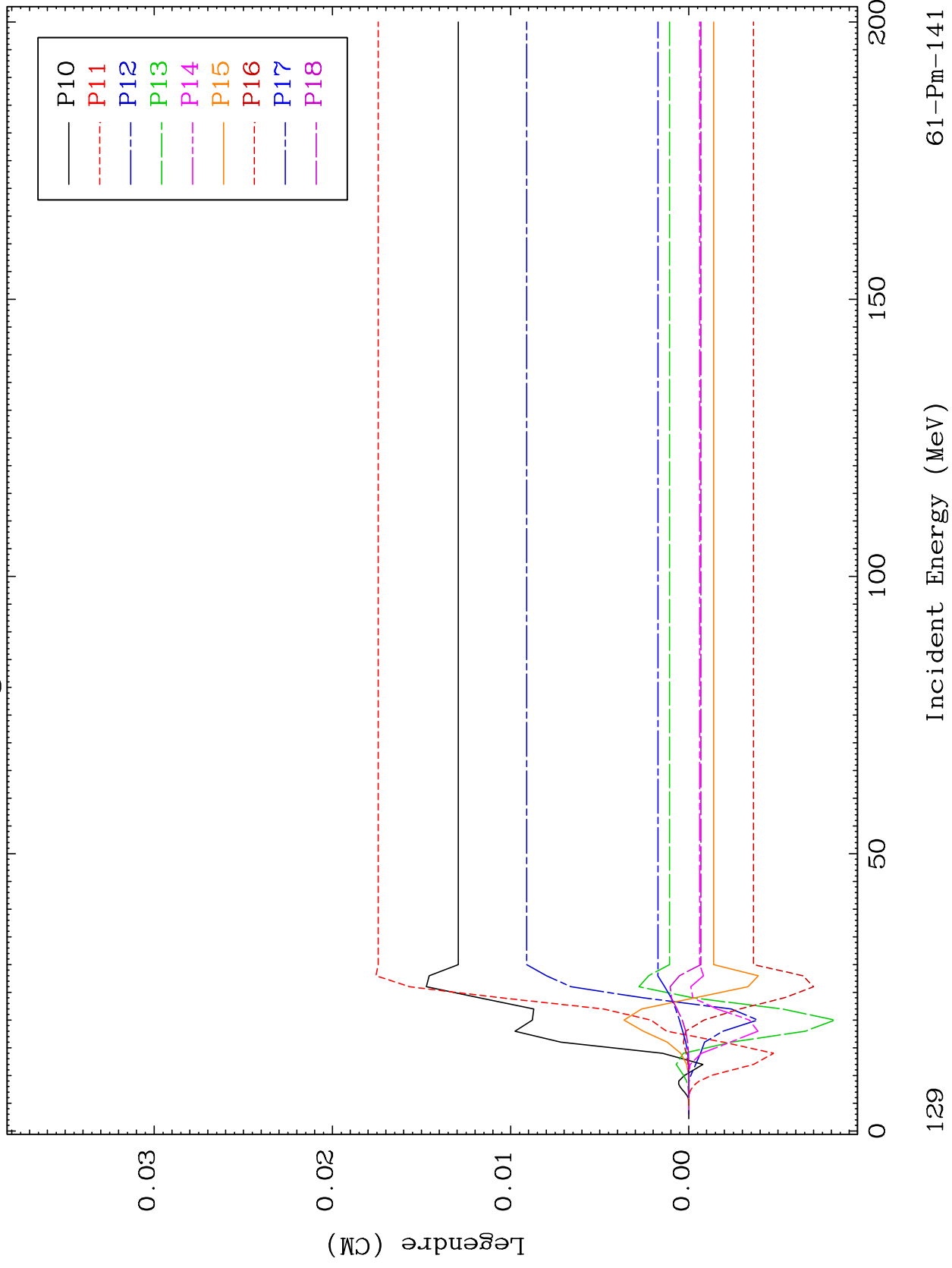
Incident Energy (MeV)

128

MAT 6131

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

61-Pm-141



61-Pm-141

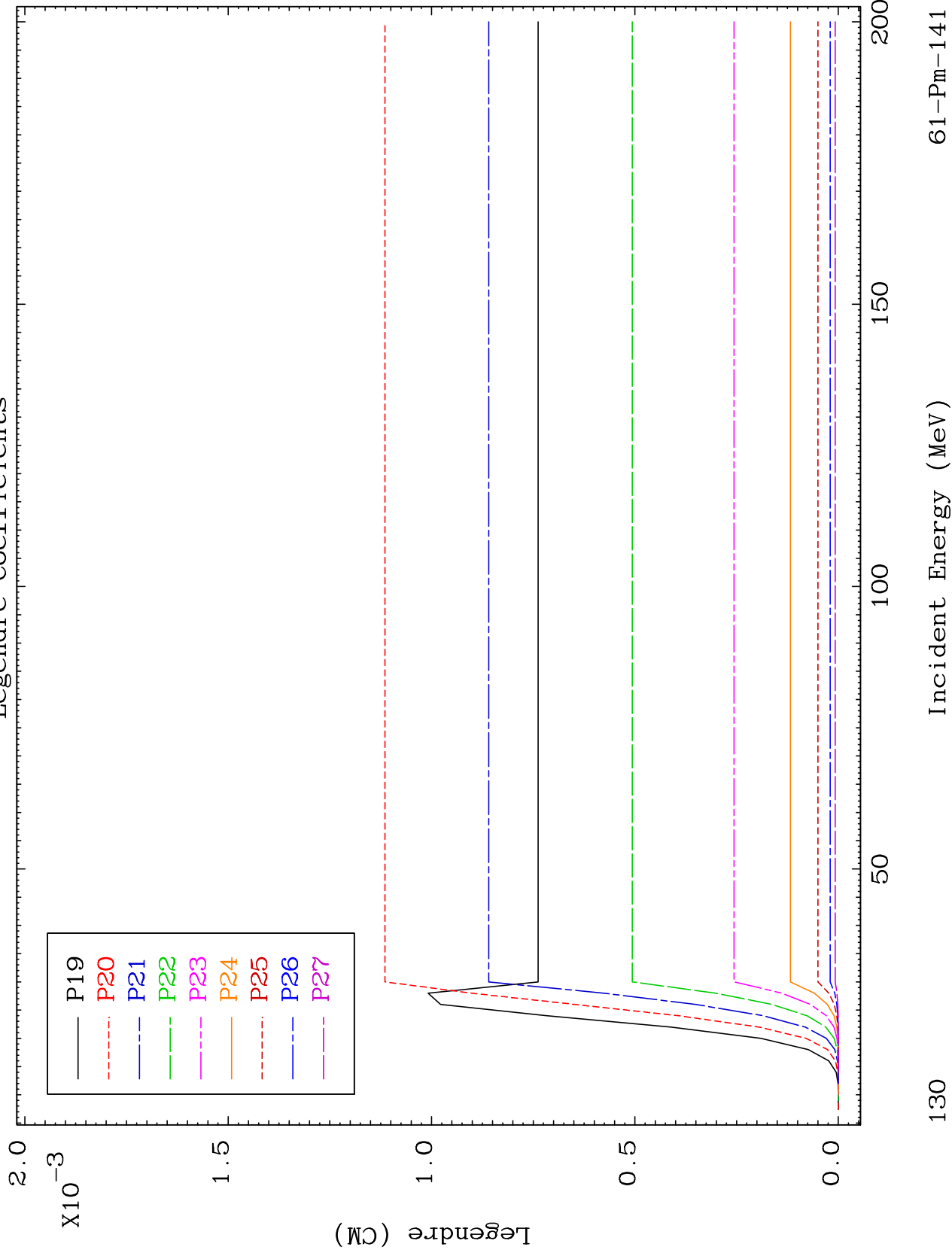
Incident Energy (MeV)

129

MAT 6131

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

61-Pm-141



130

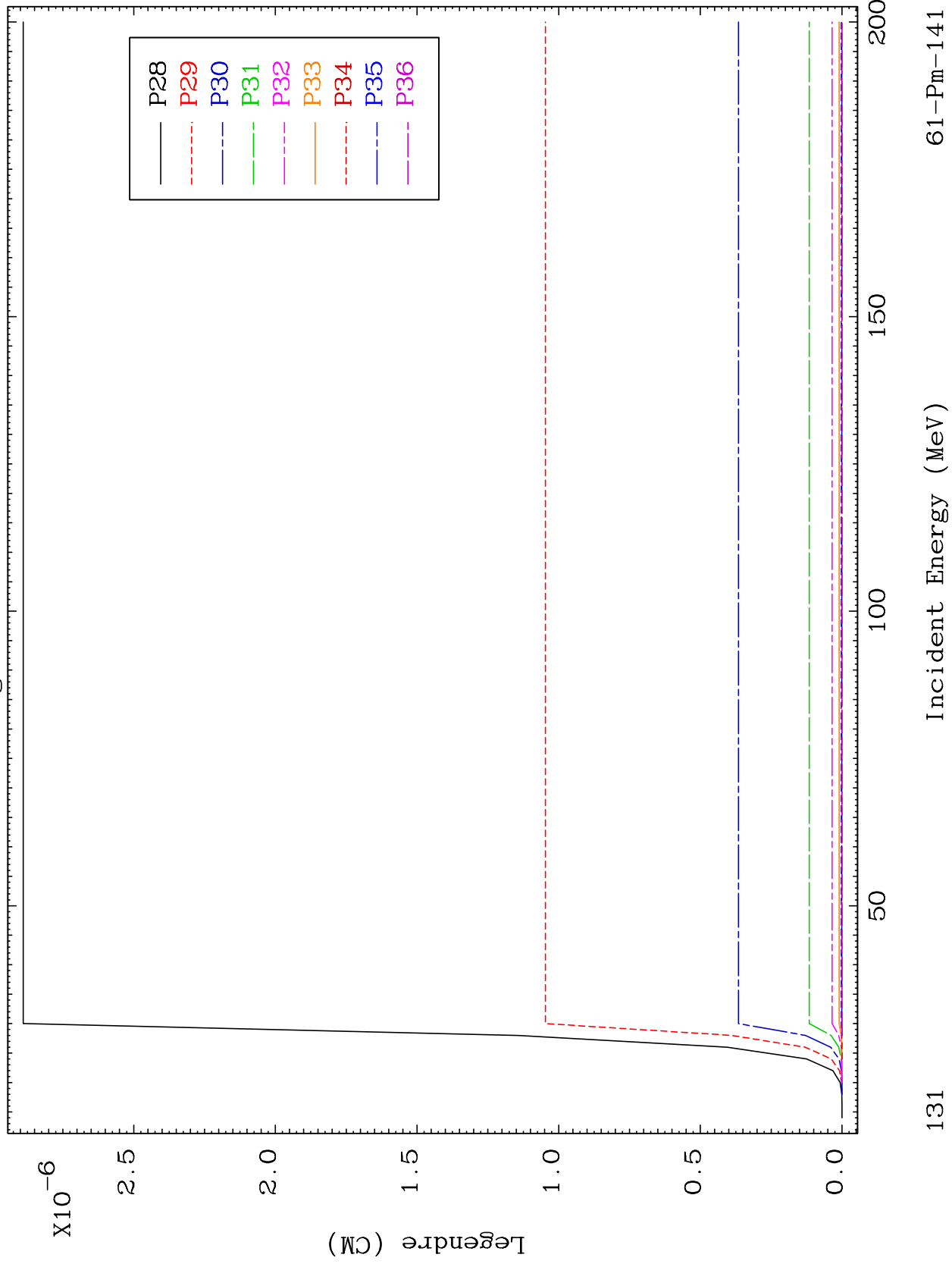
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

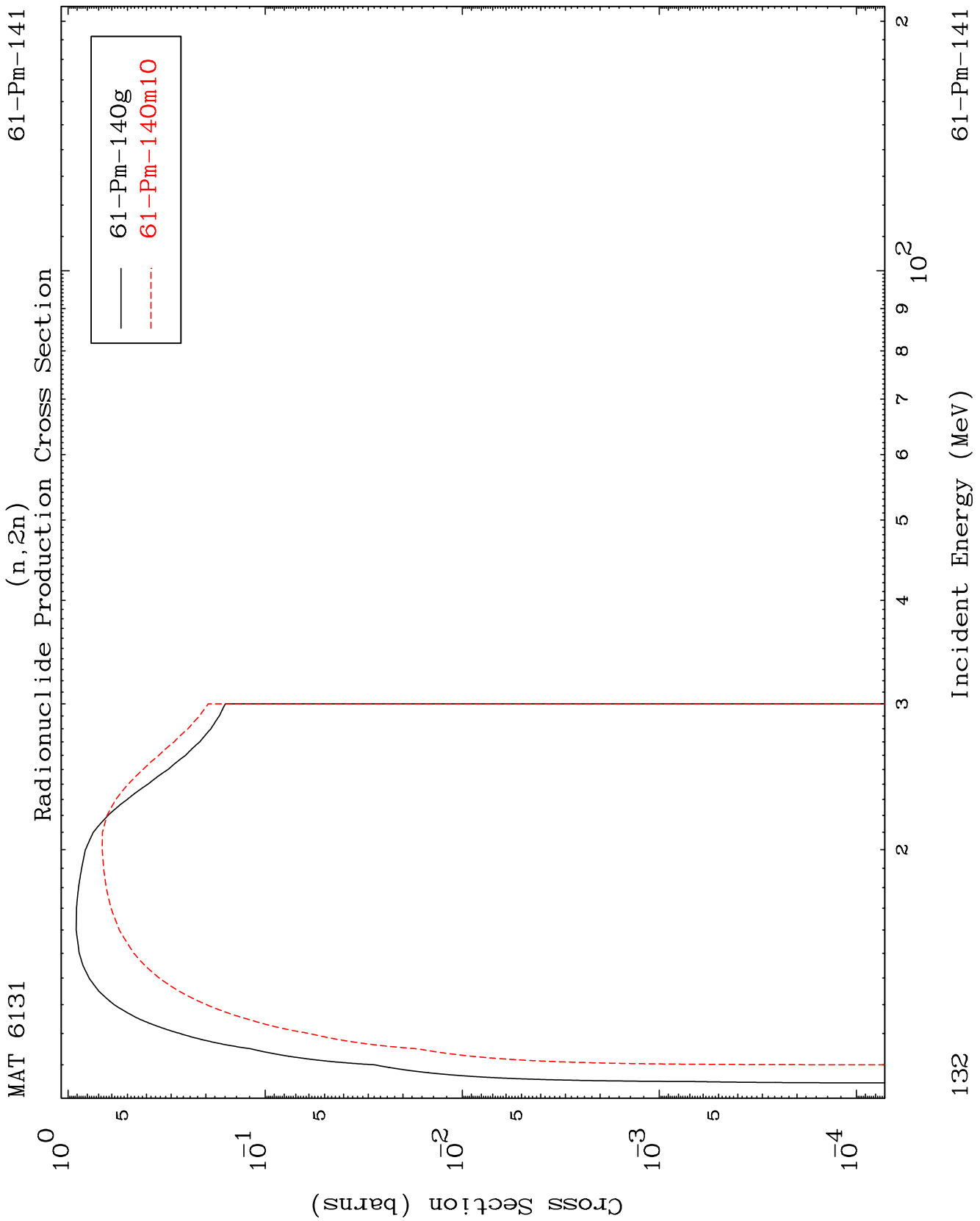
61-Pm-141



131

Incident Energy (MeV)

61-Pm-141

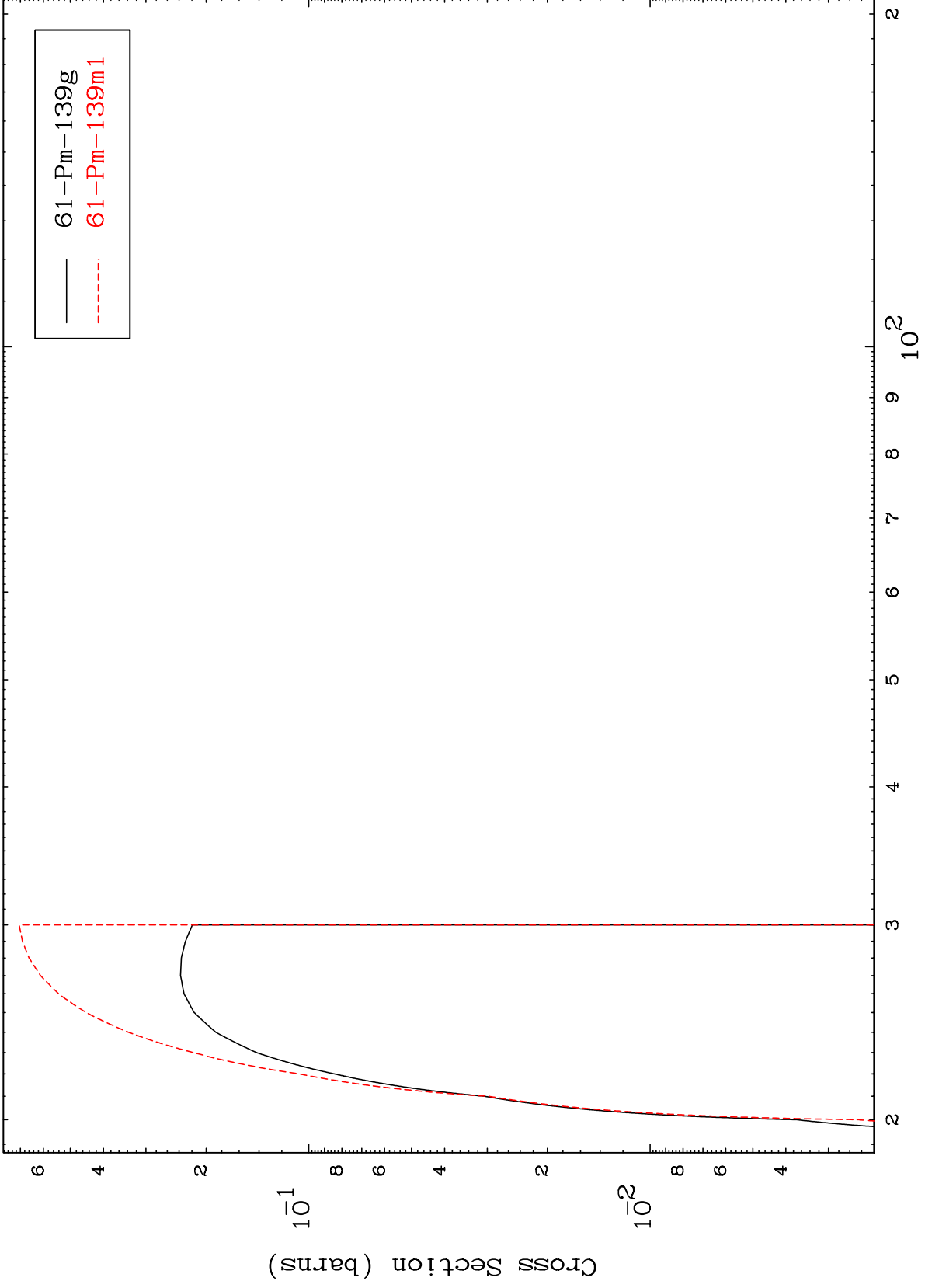


MAT 6131

(n,3n)

61-Pm-141

Radionuclide Production Cross Section



133

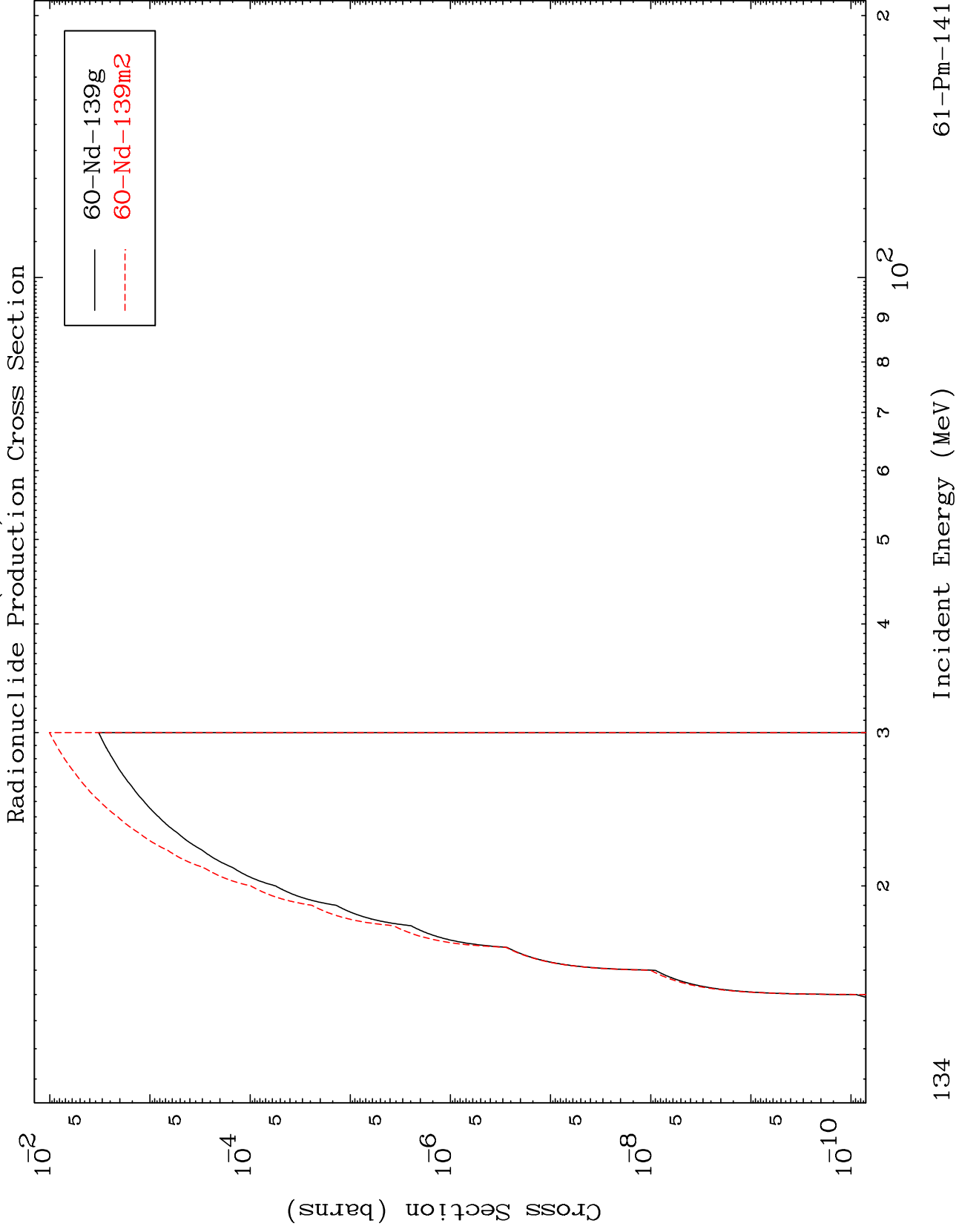
Incident Energy (MeV)

61-Pm-141

MAT 6131

(n,n') d

61-Pm-141



61-Pm-141

Incident Energy (MeV)

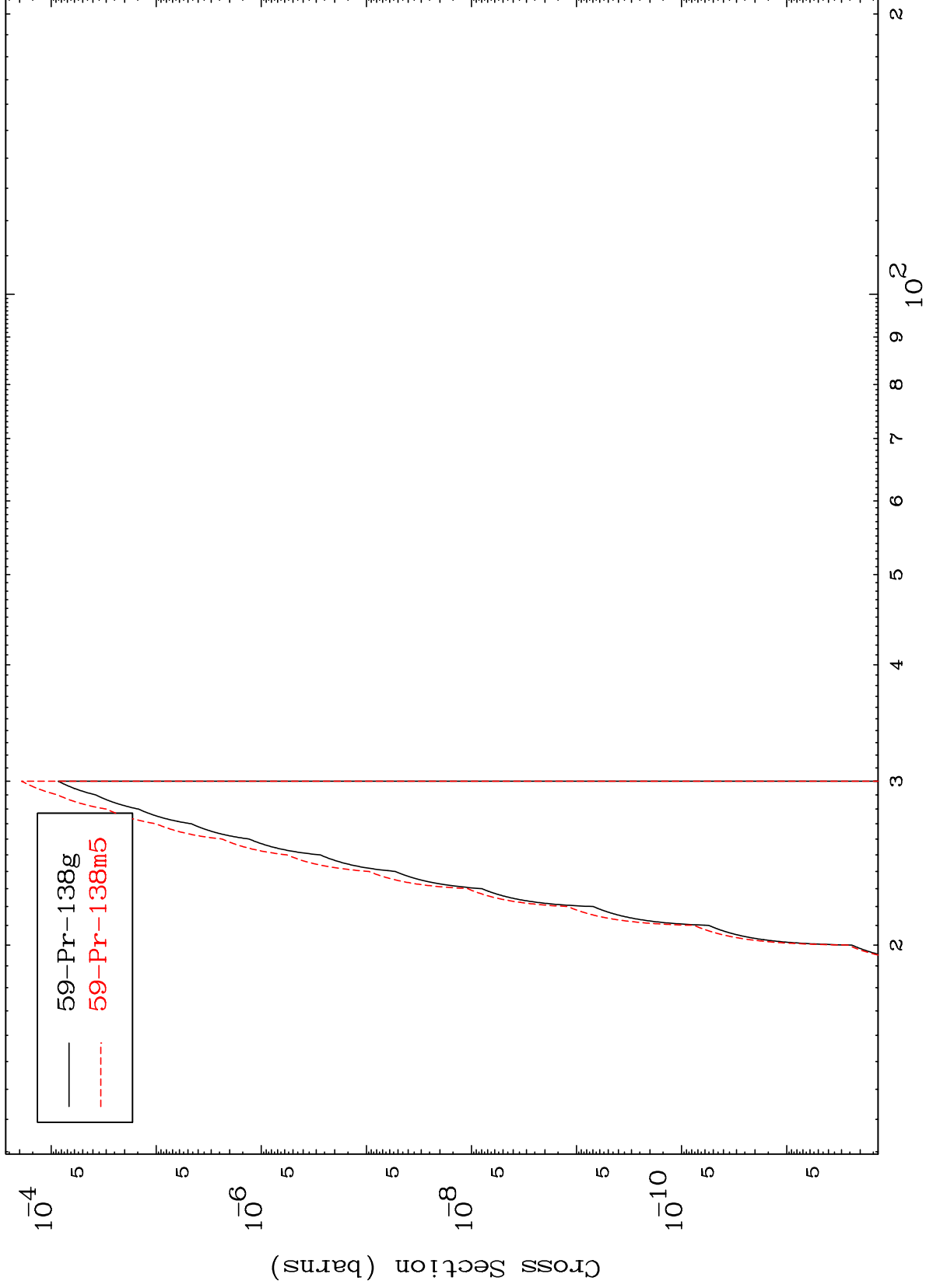
134

MAT 6131

(n,n') He-3

61-Pm-141

Radionuclide Production Cross Section



135

Incident Energy (MeV)

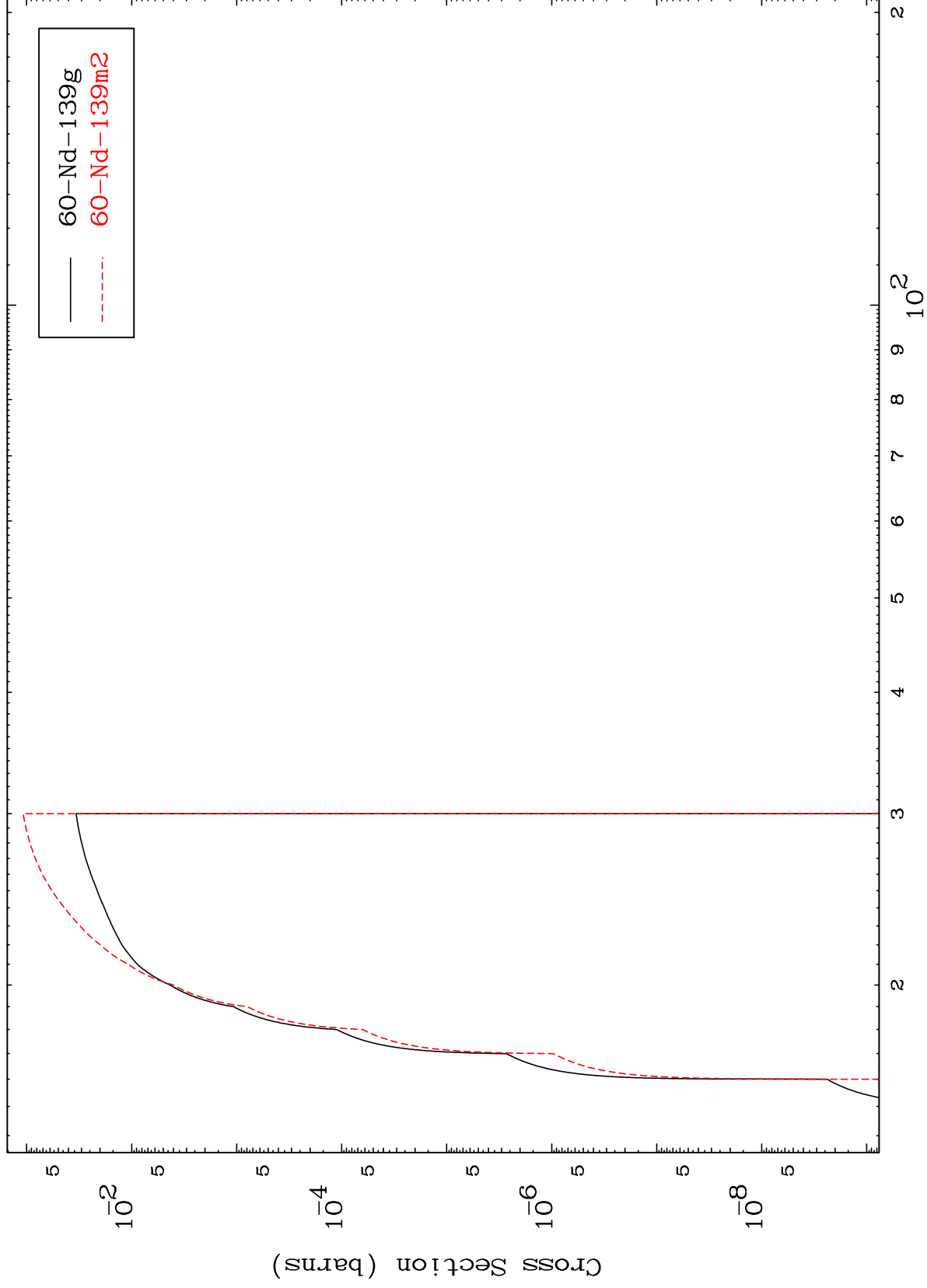
61-Pm-141

MAT 6131

(n,2n) p

61-Pm-141

Radionuclide Production Cross Section



136

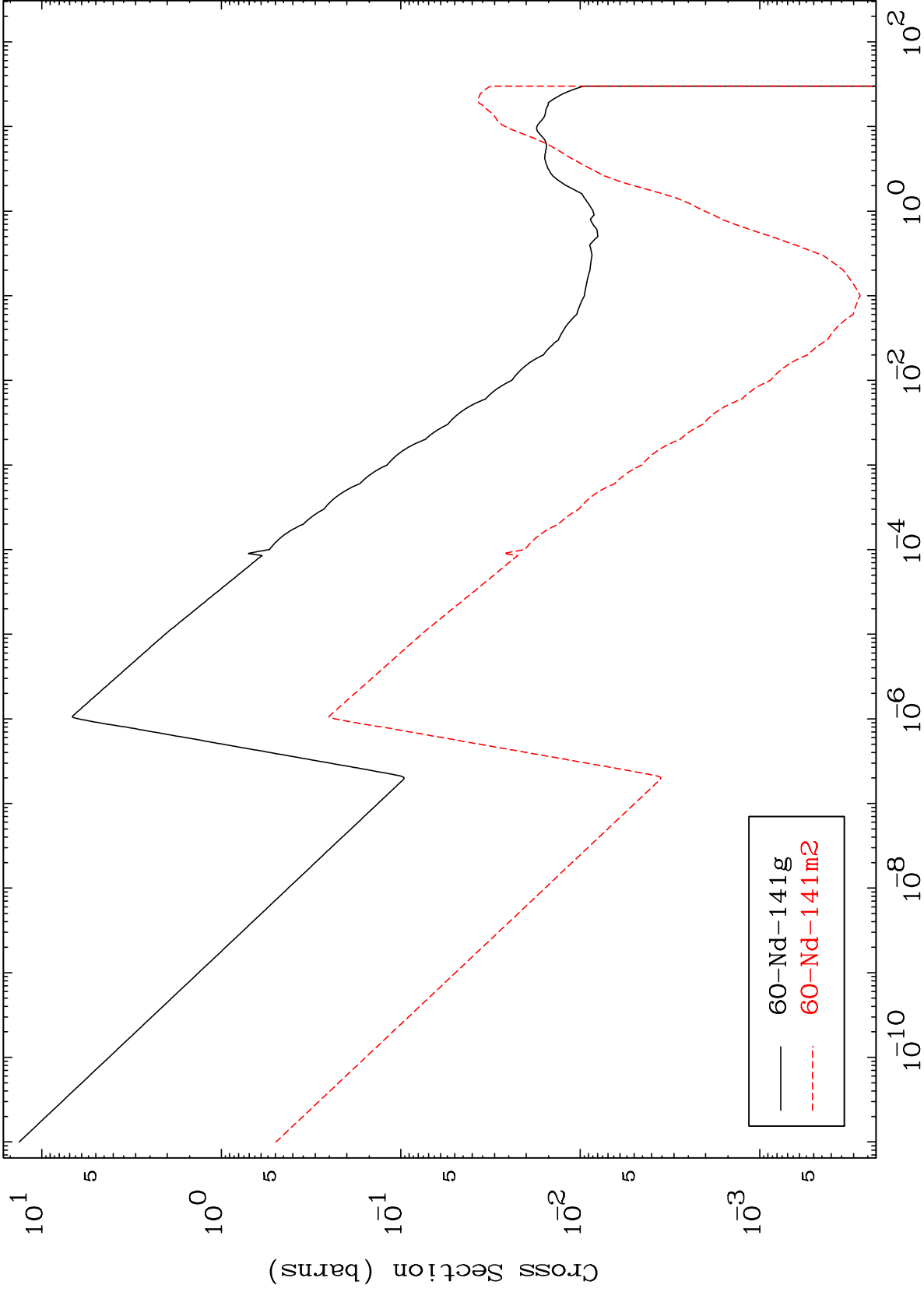
Incident Energy (MeV)

61-Pm-141

MAT 6131

61-Pm-141

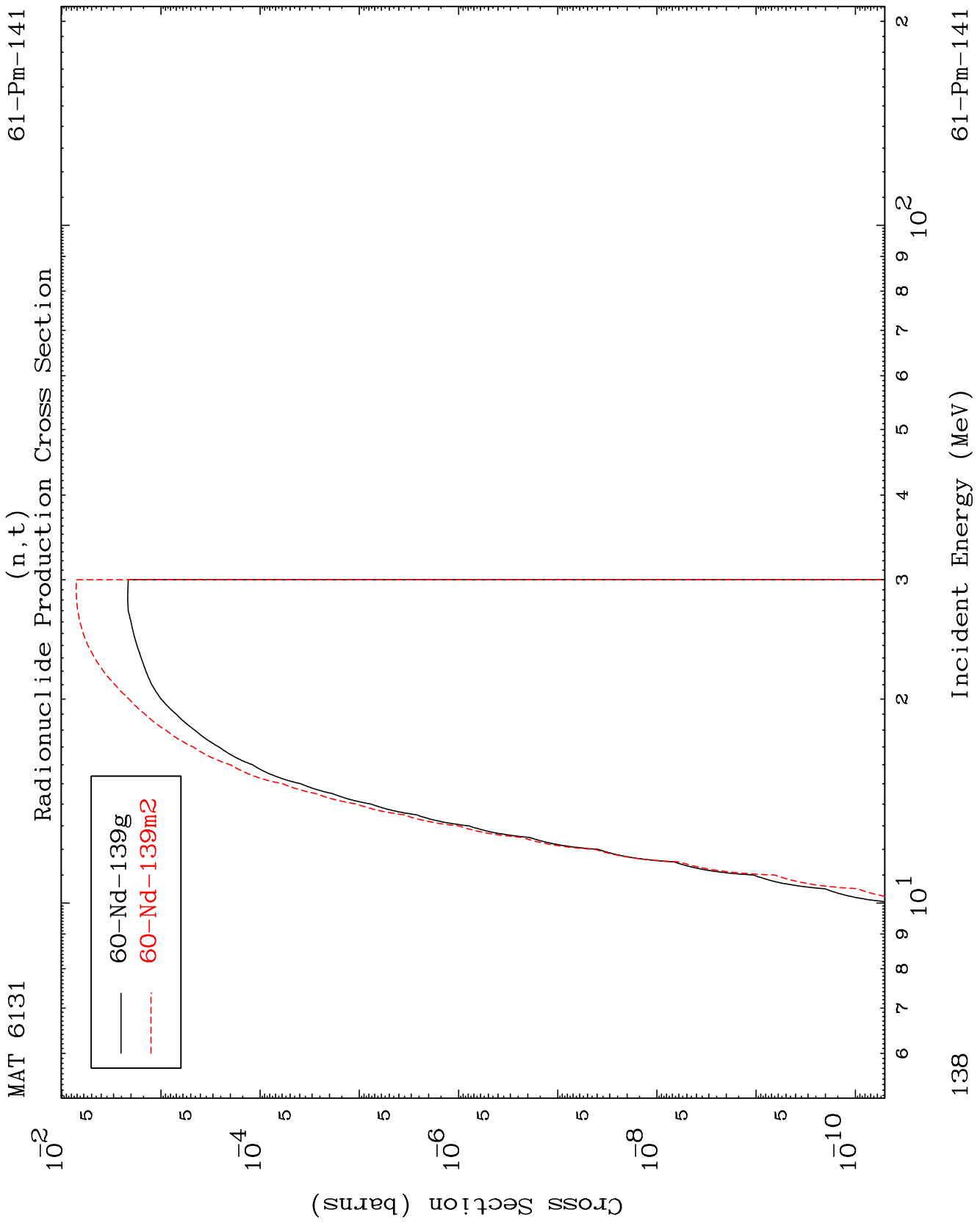
(n,p)
Radionuclide Production Cross Section



137

61-Pm-141

Incident Energy (MeV)

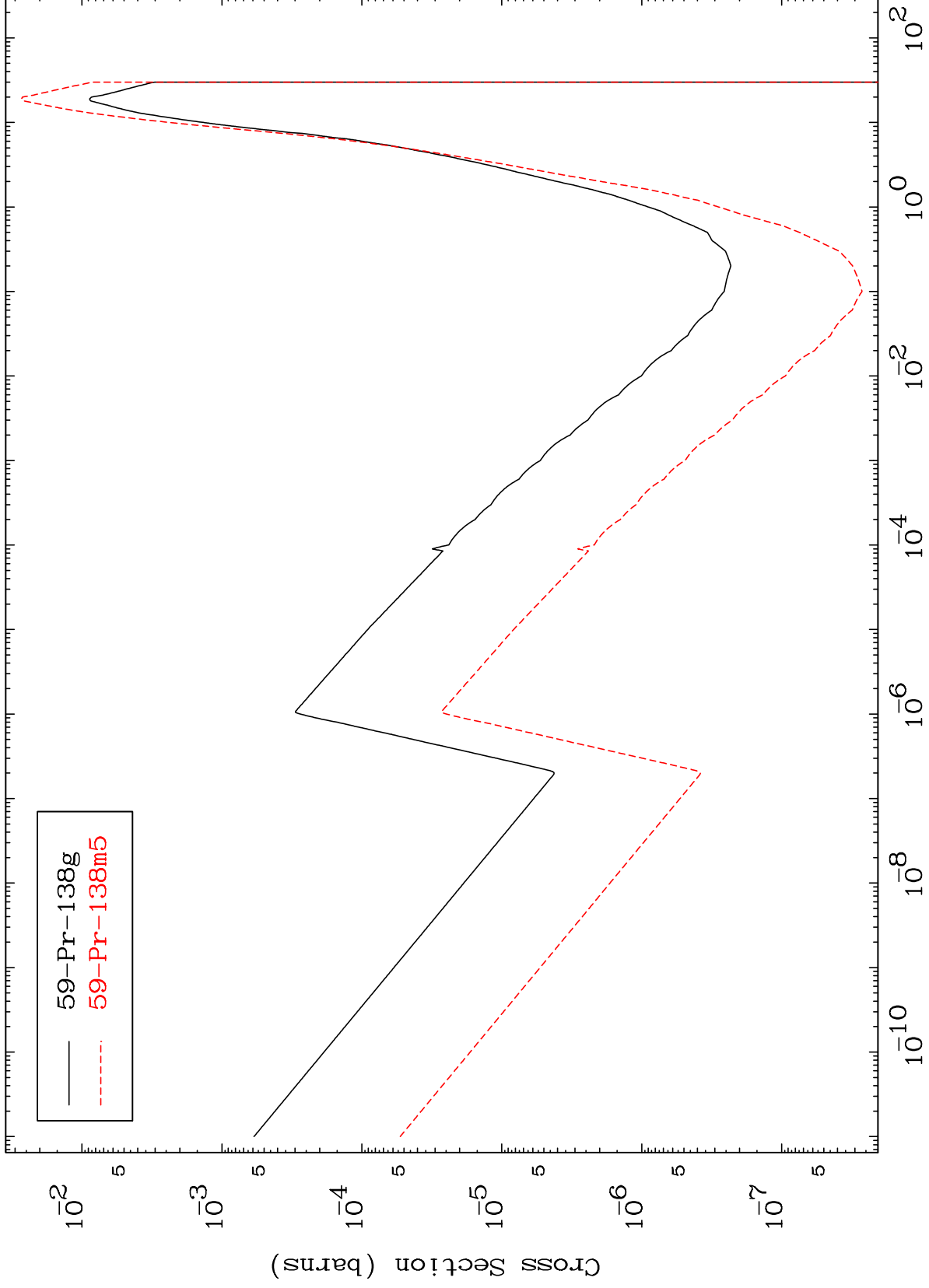


MAT 6131

(n, α)

61-Pm-141

Radionuclide Production Cross Section



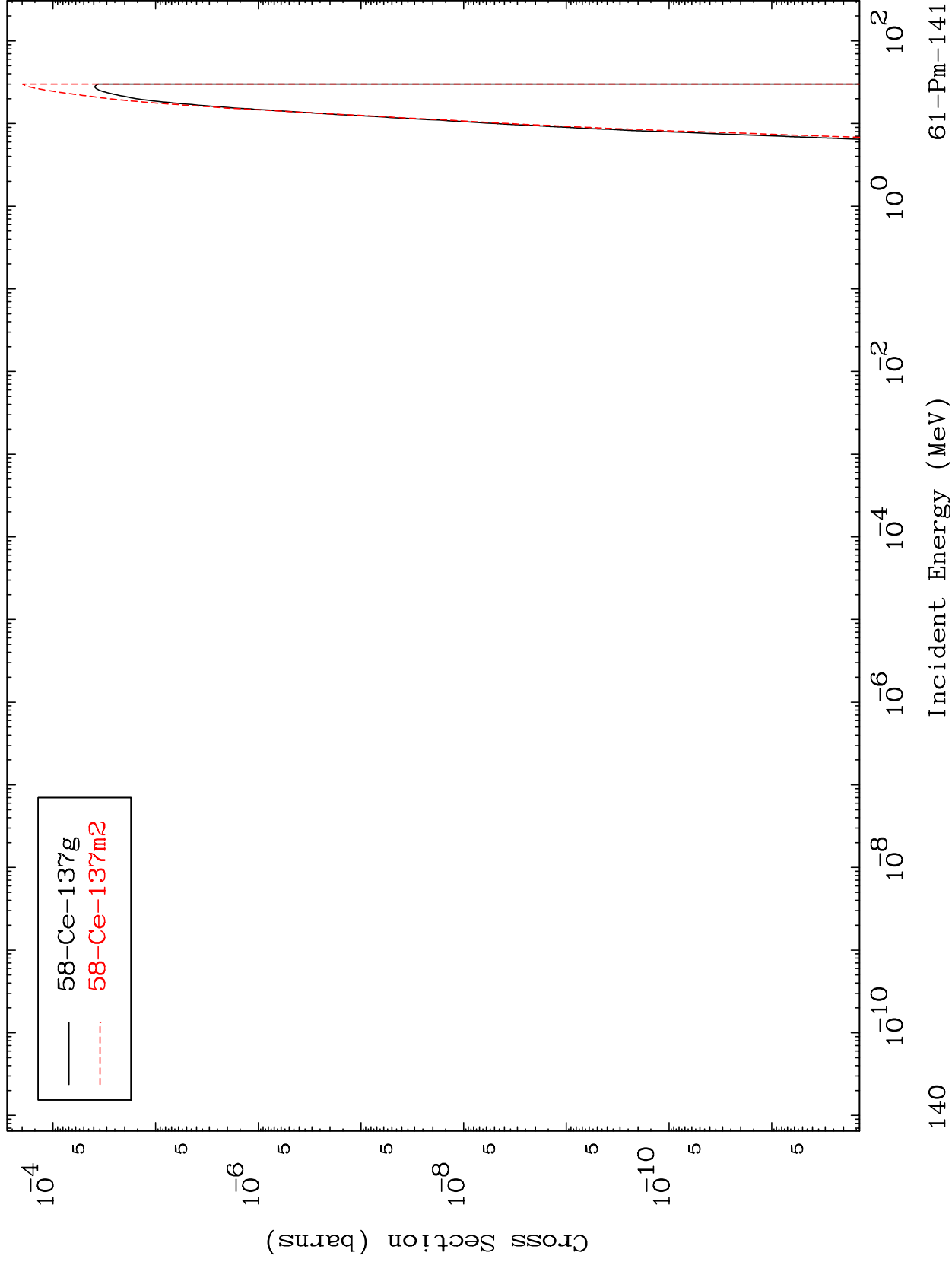
— 59-Pr-138g
- - - 59-Pr-138m5

MAT 6131

(n,p) α

61-Pm-141

Radionuclide Production Cross Section



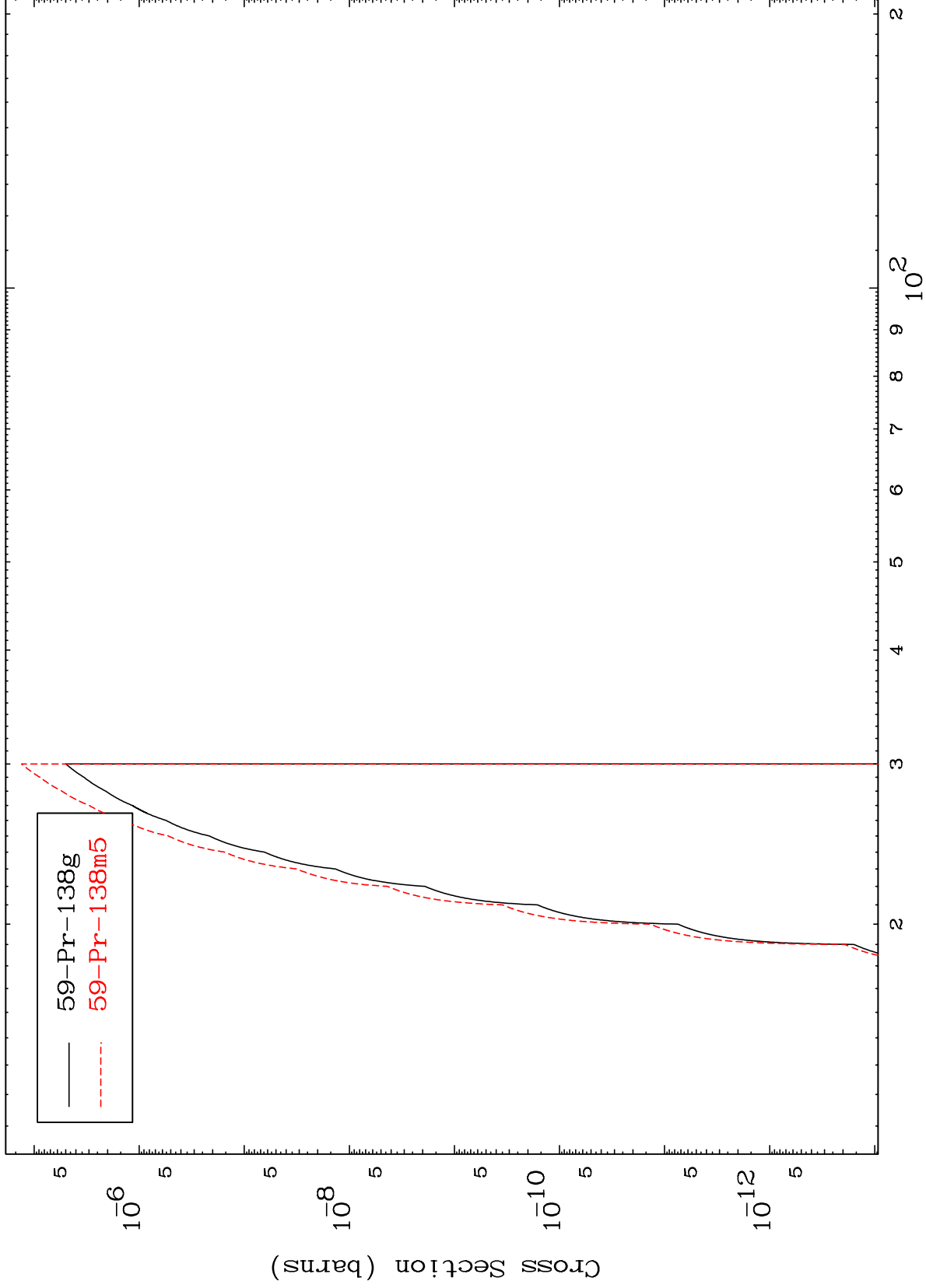
140

MAT 6131

(n,p) t

61-Pm-141

Radionuclide Production Cross Section



141

Incident Energy (MeV)

61-Pm-141