

Program EVALPLOT
(Version 2018-1)

by

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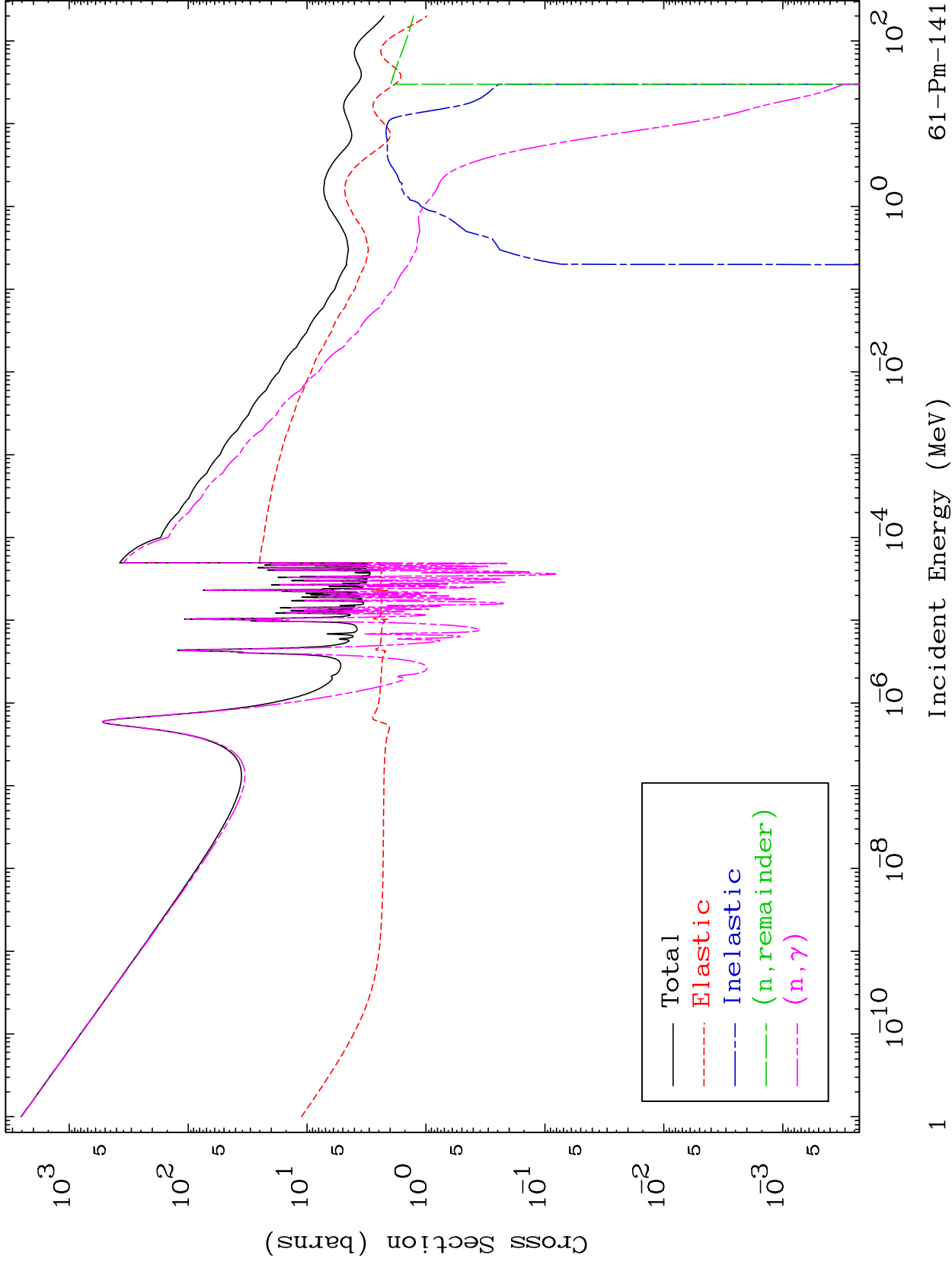
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Press Mouse Button to Start

MAT 6131

Major
293 Kelvin Cross Sections

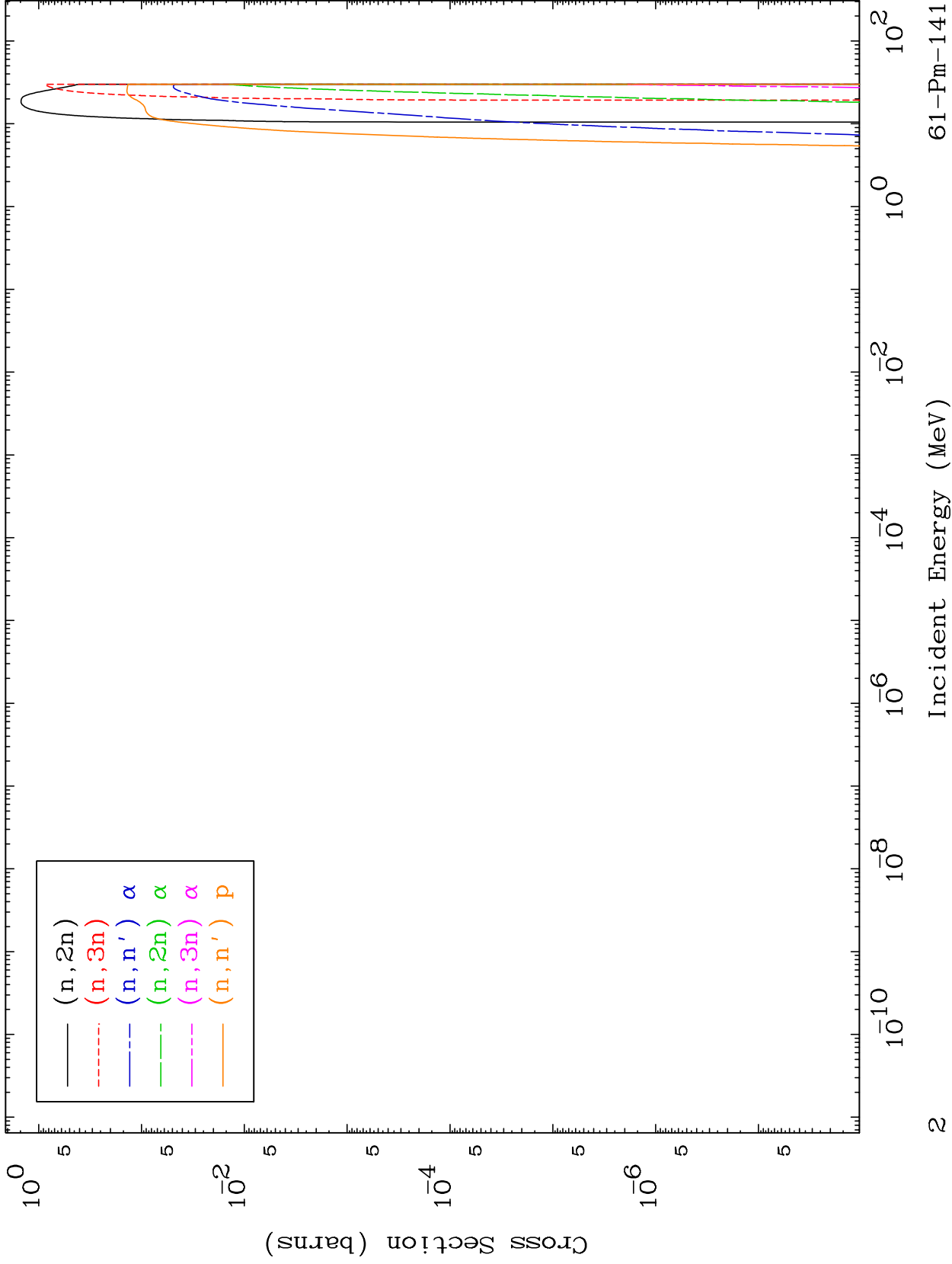
61-Pm-141



MAT 6131

Neutron Production
293 Kelvin Cross Sections

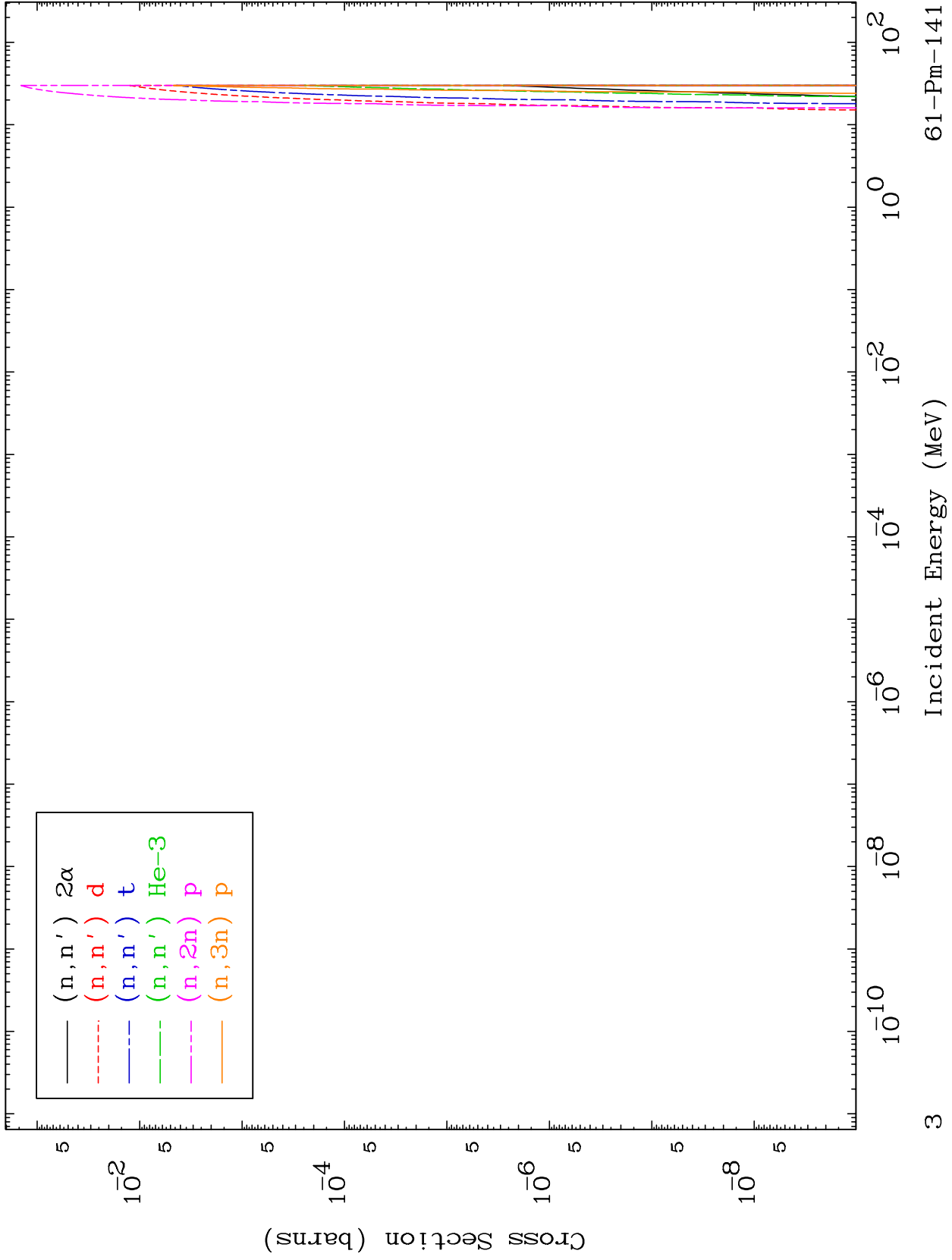
61-Pm-141



MAT 6131

Neutron Production
293 Kelvin Cross Sections

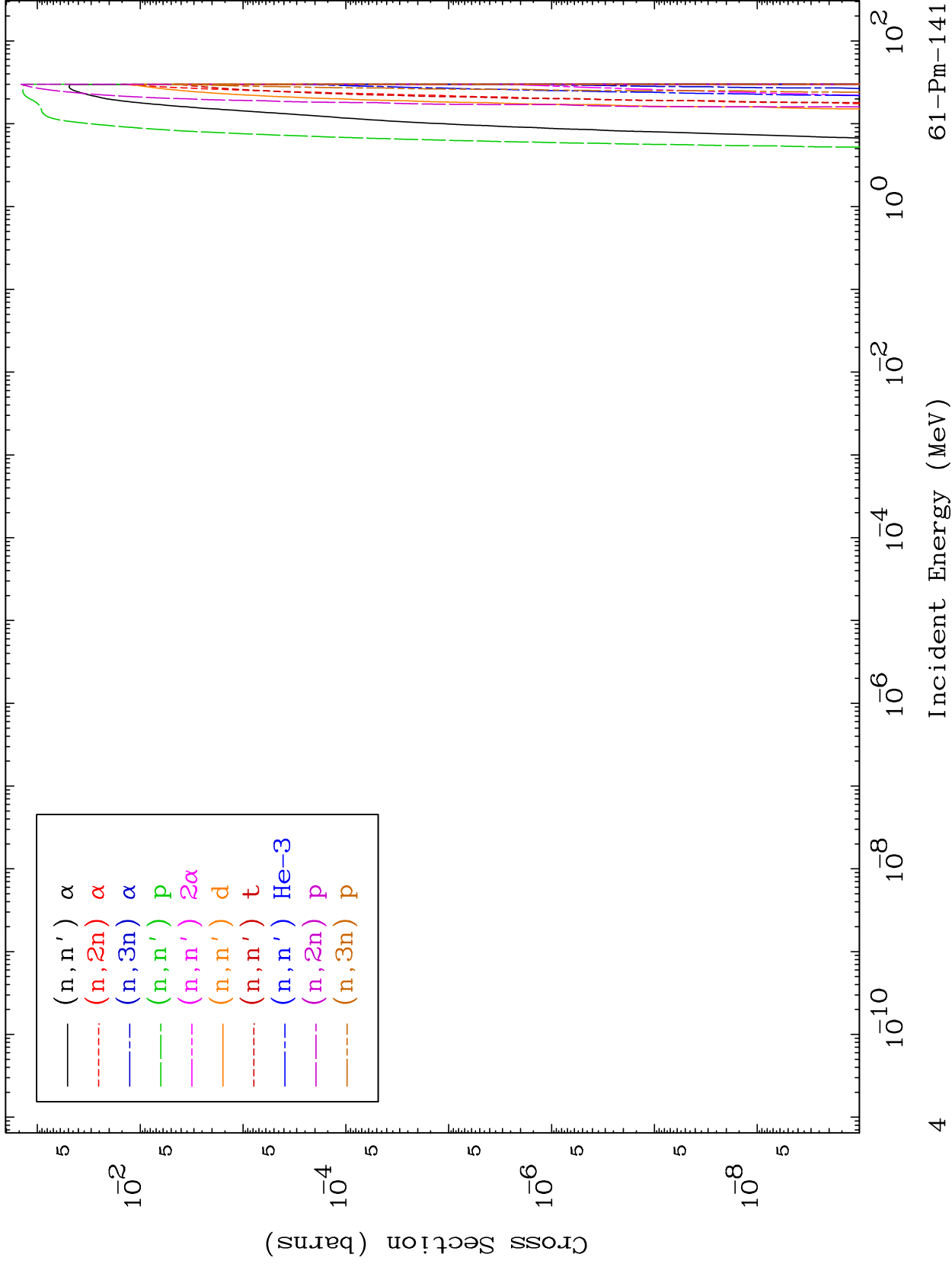
61-Pm-141



MAT 6131

Charged Particle
293 Kelvin Cross Sections

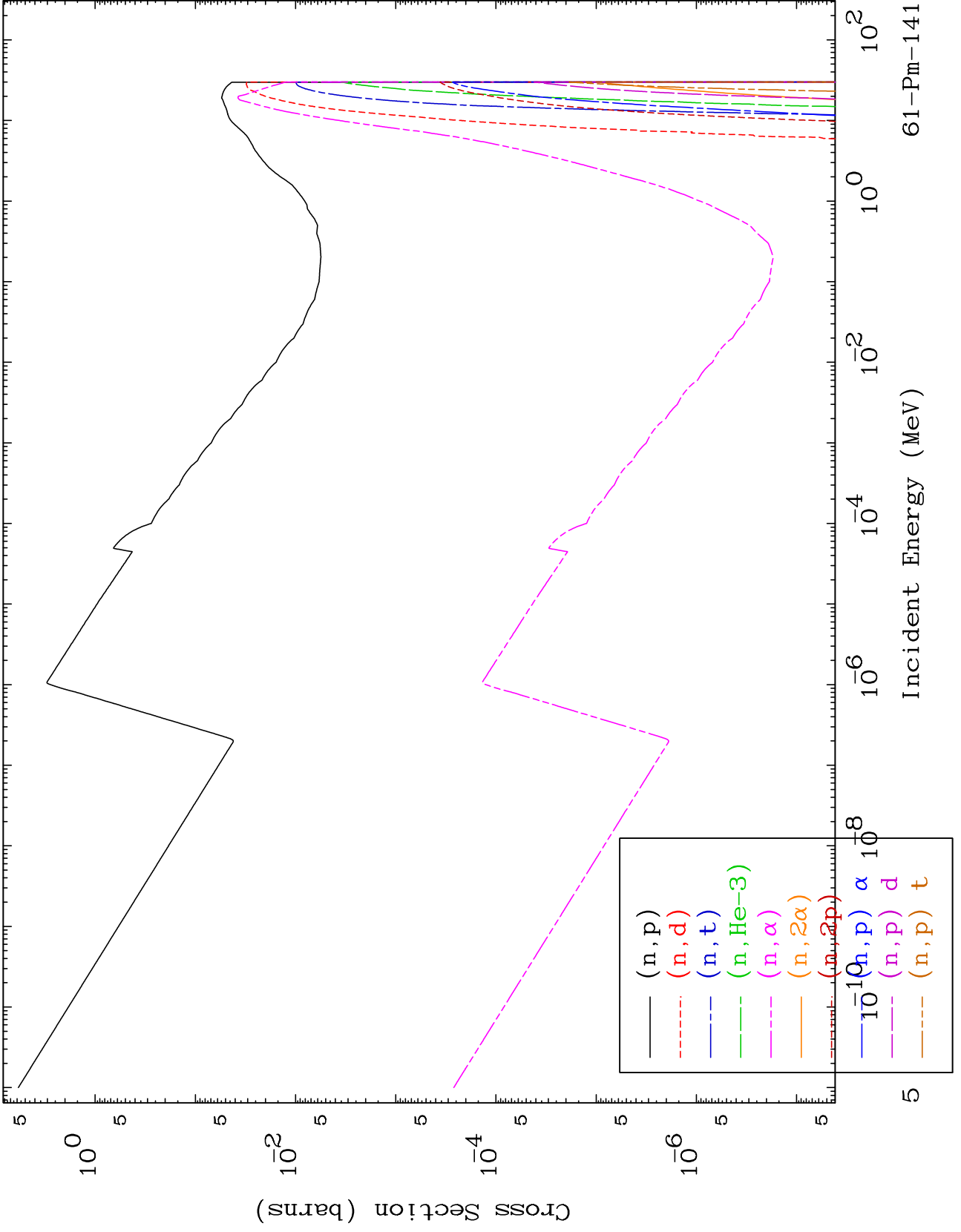
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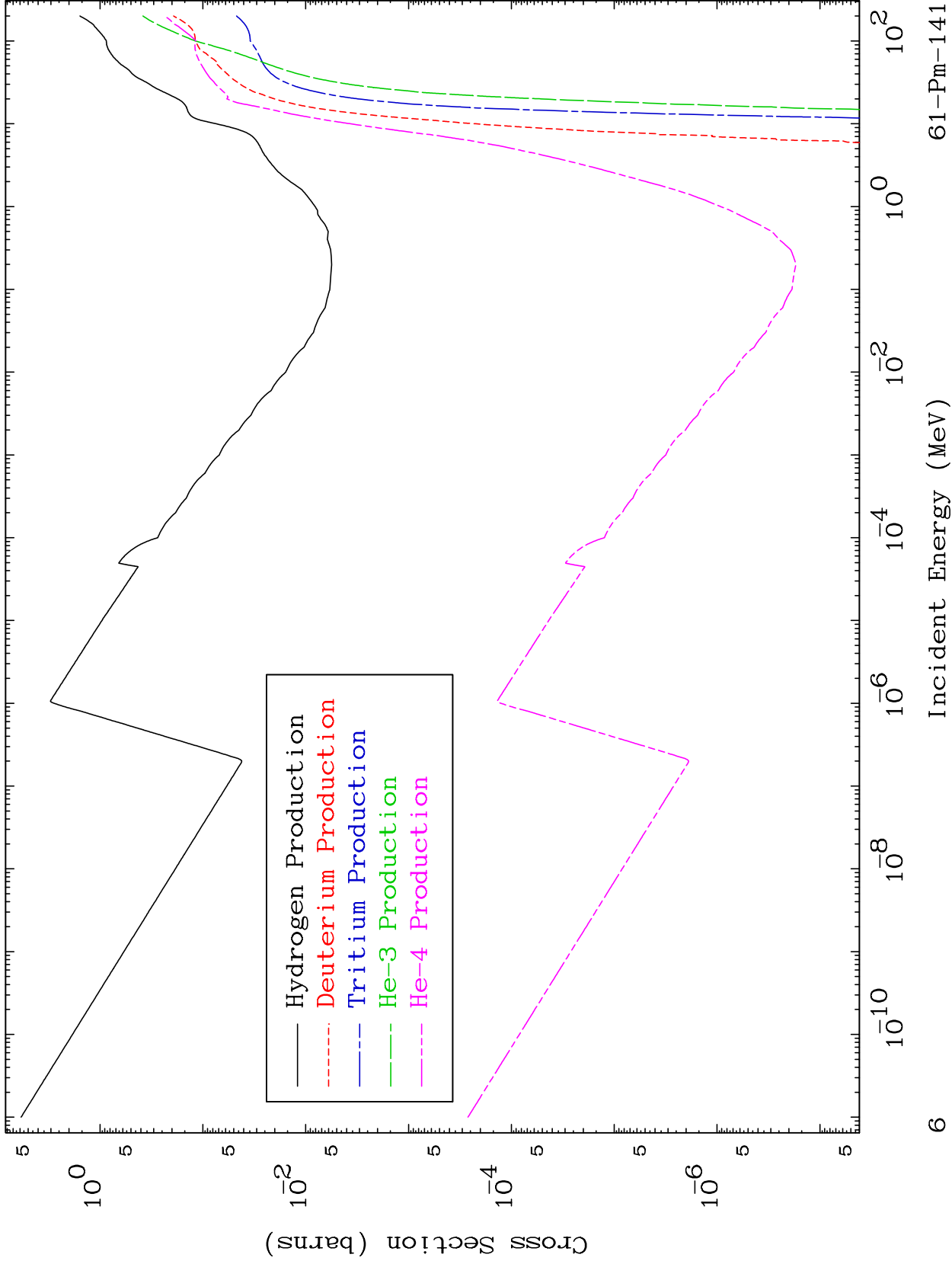
MAT 6131

Charged Particle
293 Kelvin Cross Sections

61-Pm-141



61-Pm-141

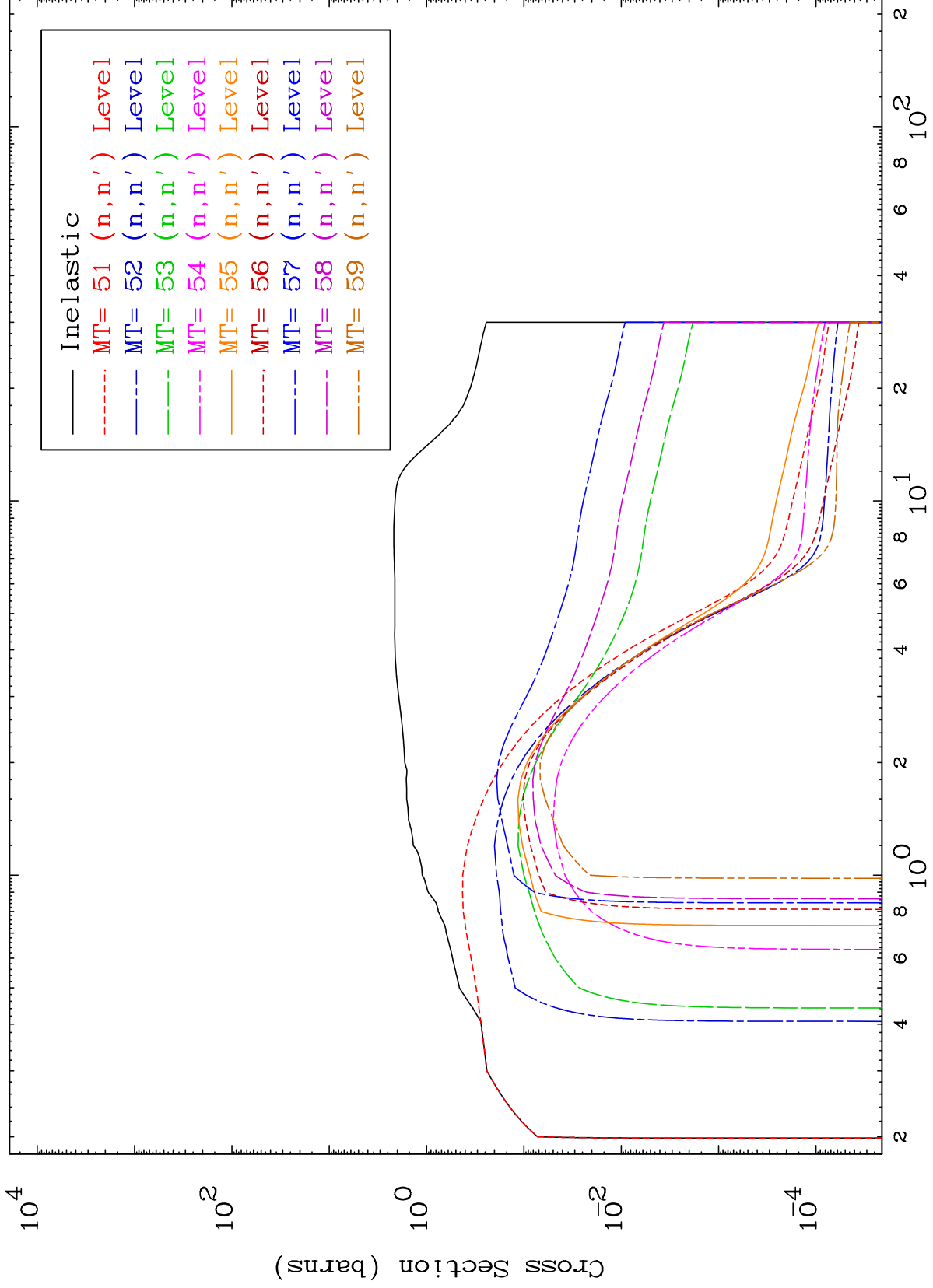


MAT 6131

(n,n') Level

61-Pm-141

293 Kelvin Cross Sections

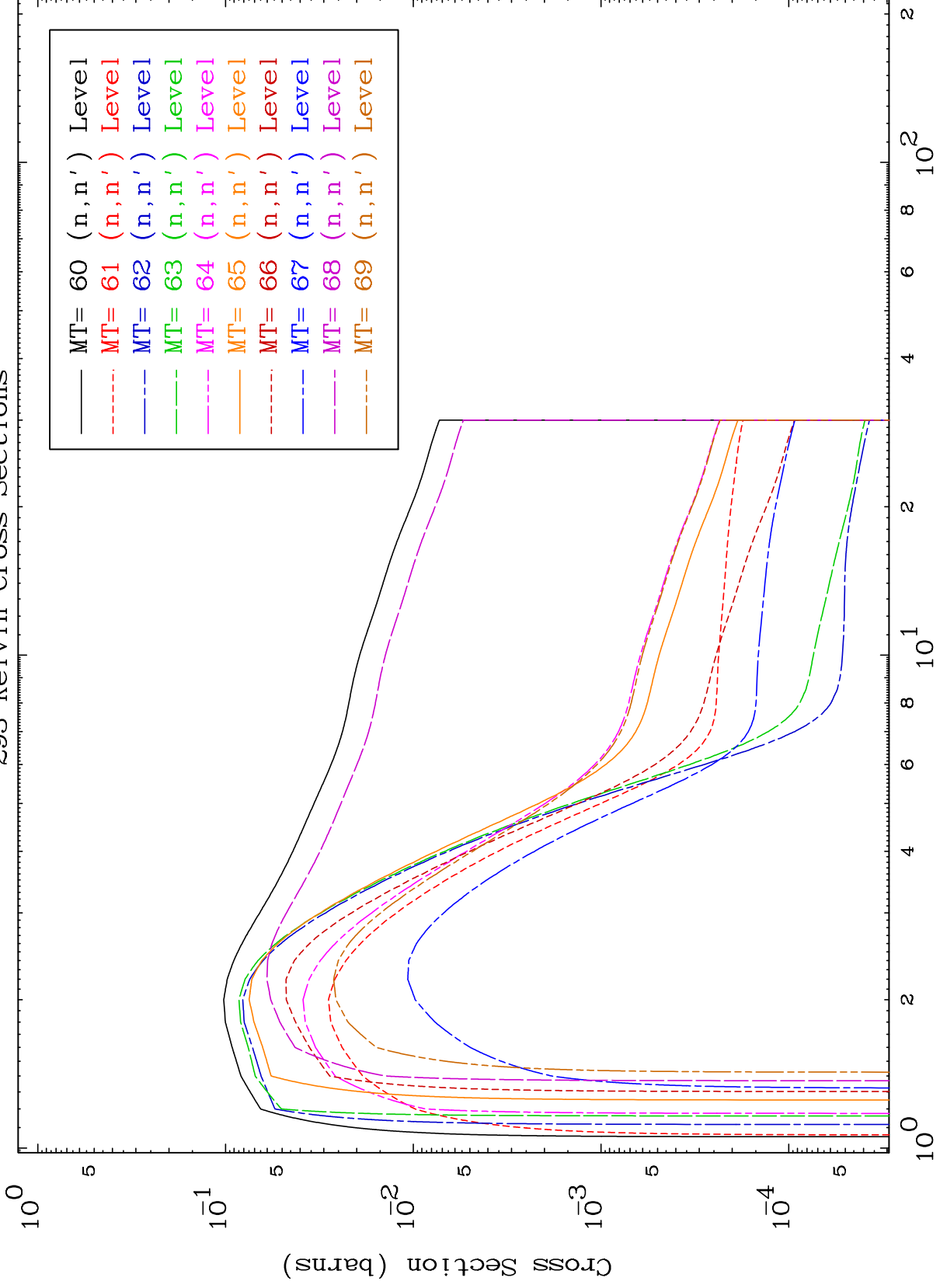


MAT 6131

(n,n') Level

61-Pm-141

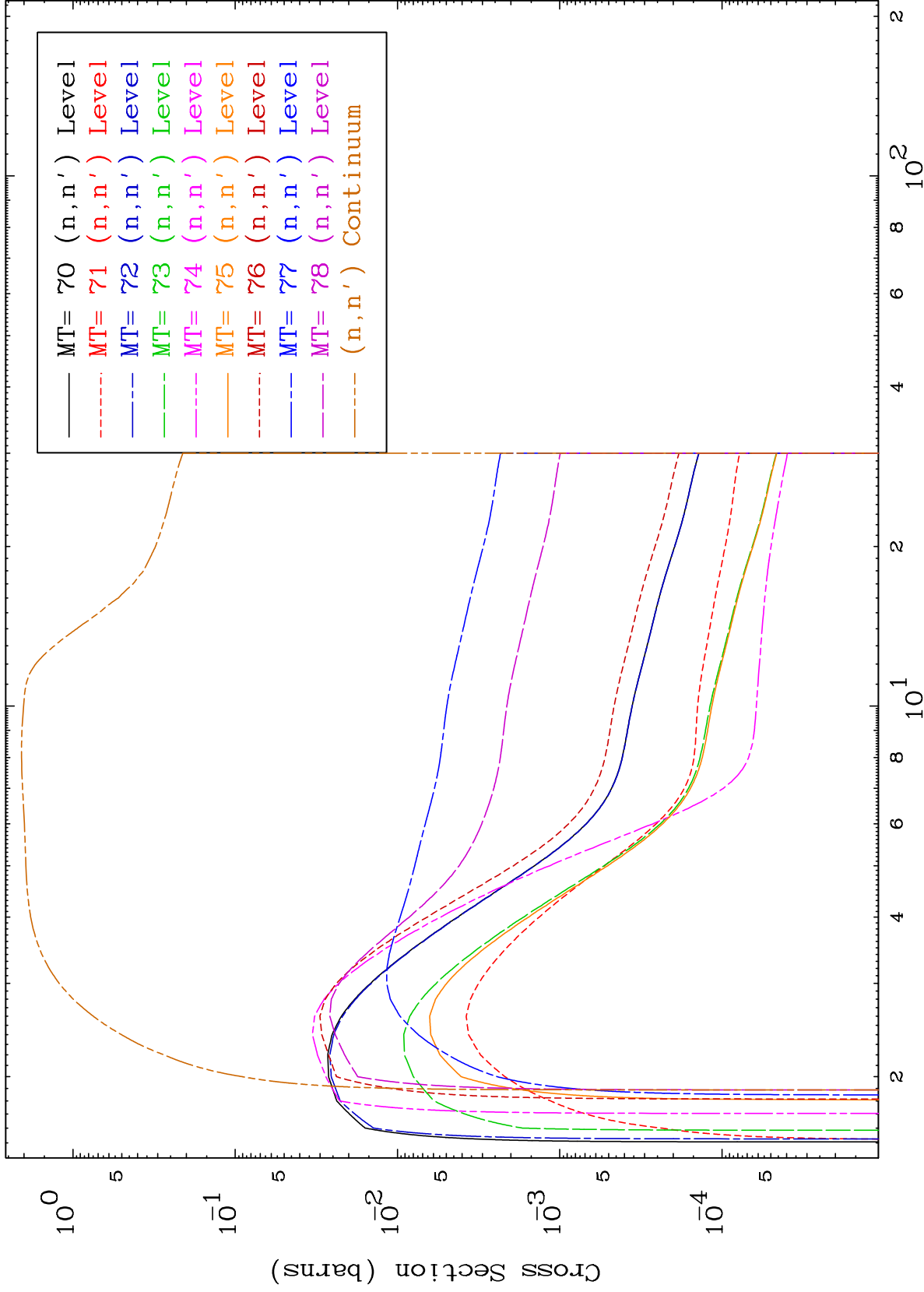
293 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-141

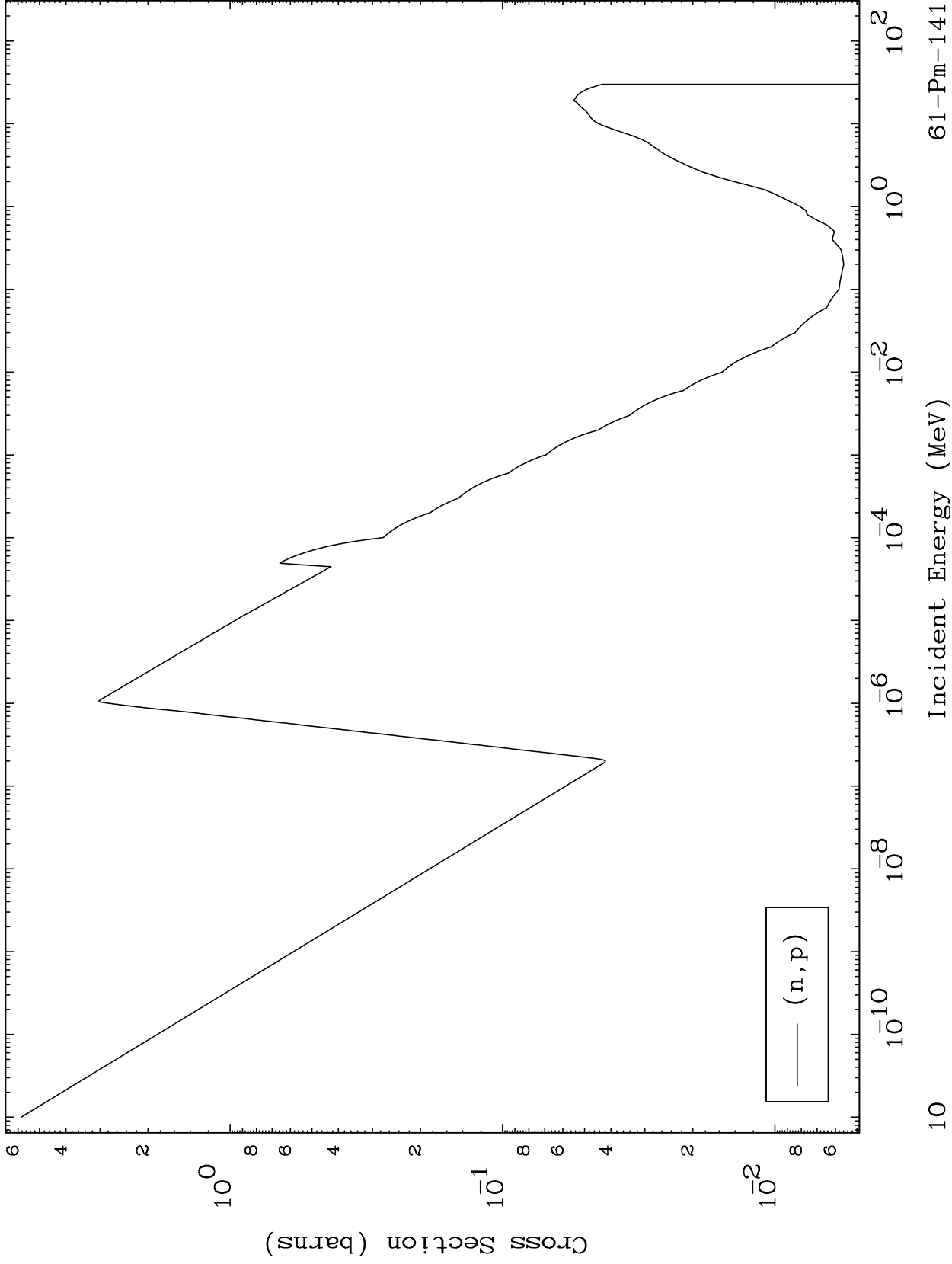
293 Kelvin Cross Sections



MAT 6131

(n,p) Levels
293 Kelvin Cross Sections

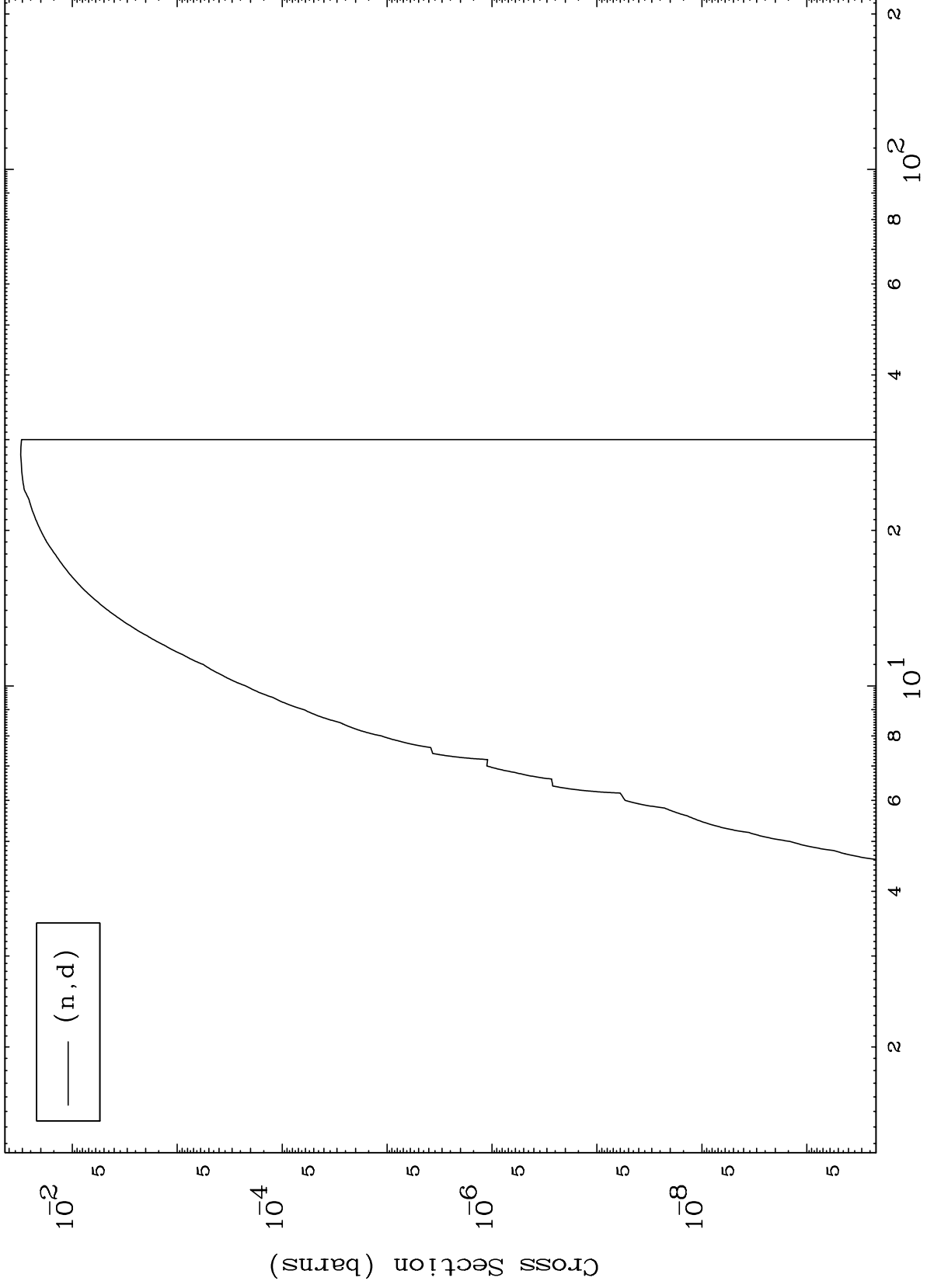
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MAT 6131

(n,d) Levels
293 Kelvin Cross Sections

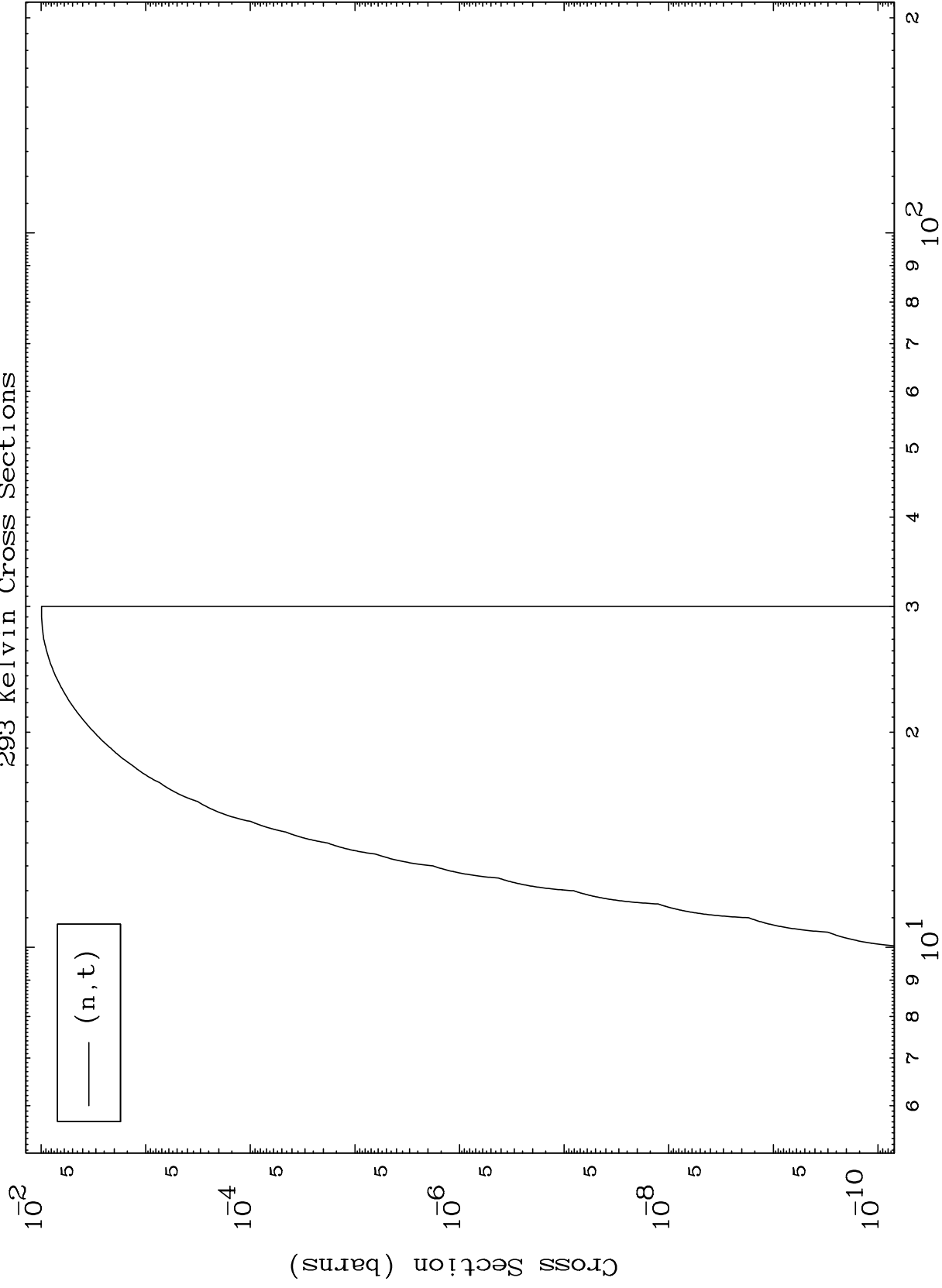
61-Pm-141



MAT 6131

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-141



12

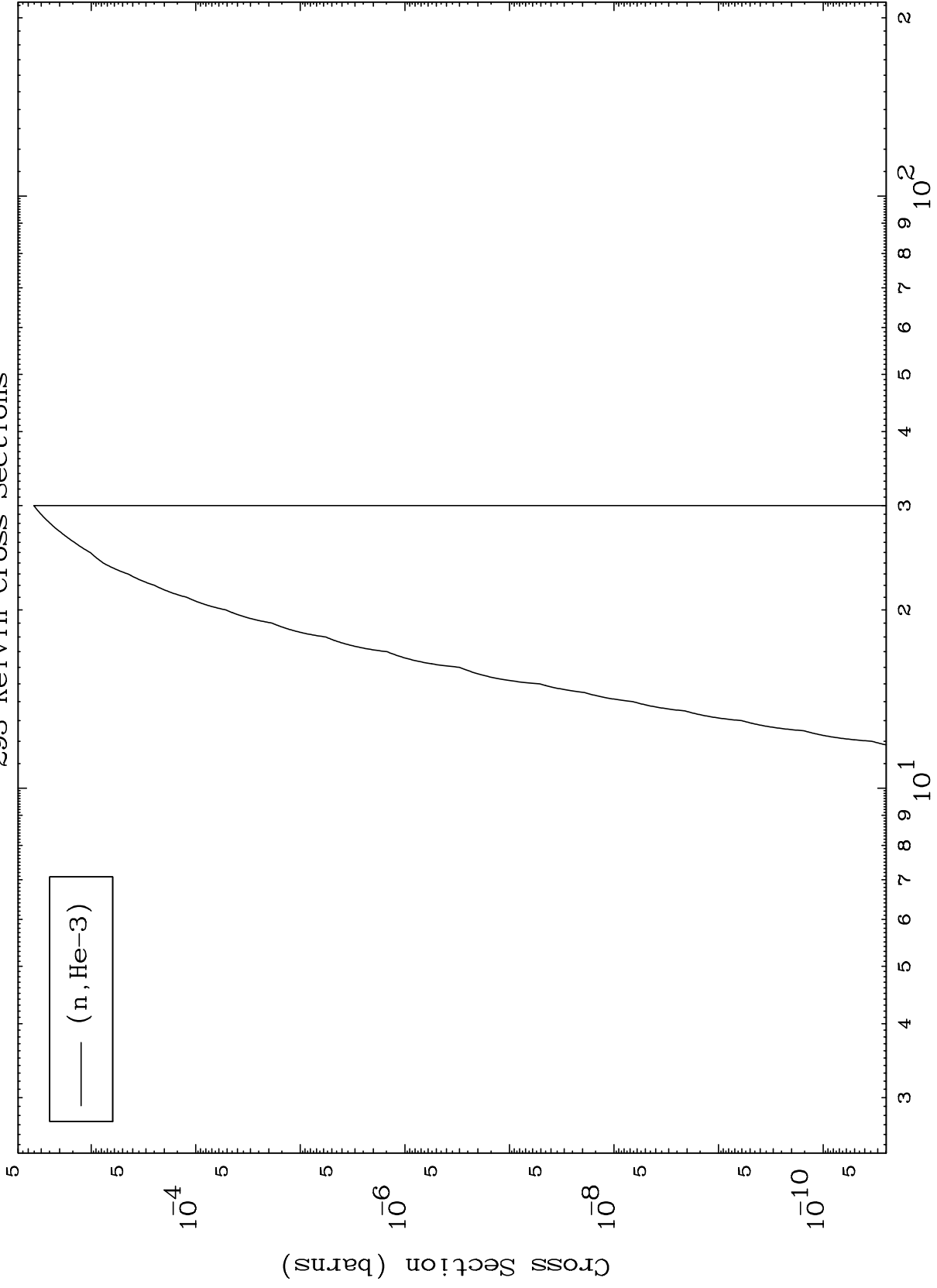
Incident Energy (MeV)

61-Pm-141

MAT 6131

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-141



13

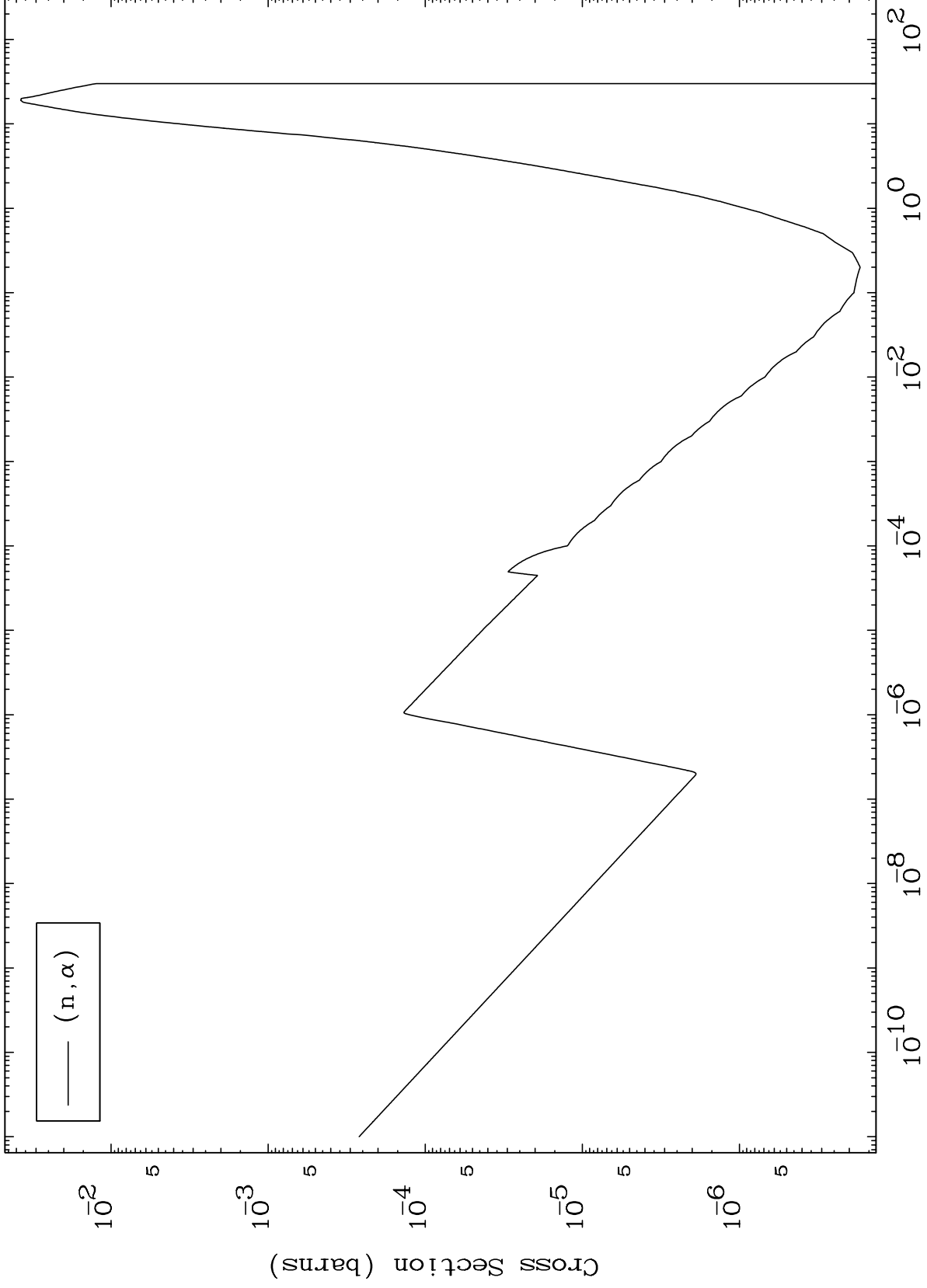
Incident Energy (MeV)

61-Pm-141

MAT 6131

(n, α) Levels
293 Kelvin Cross Sections

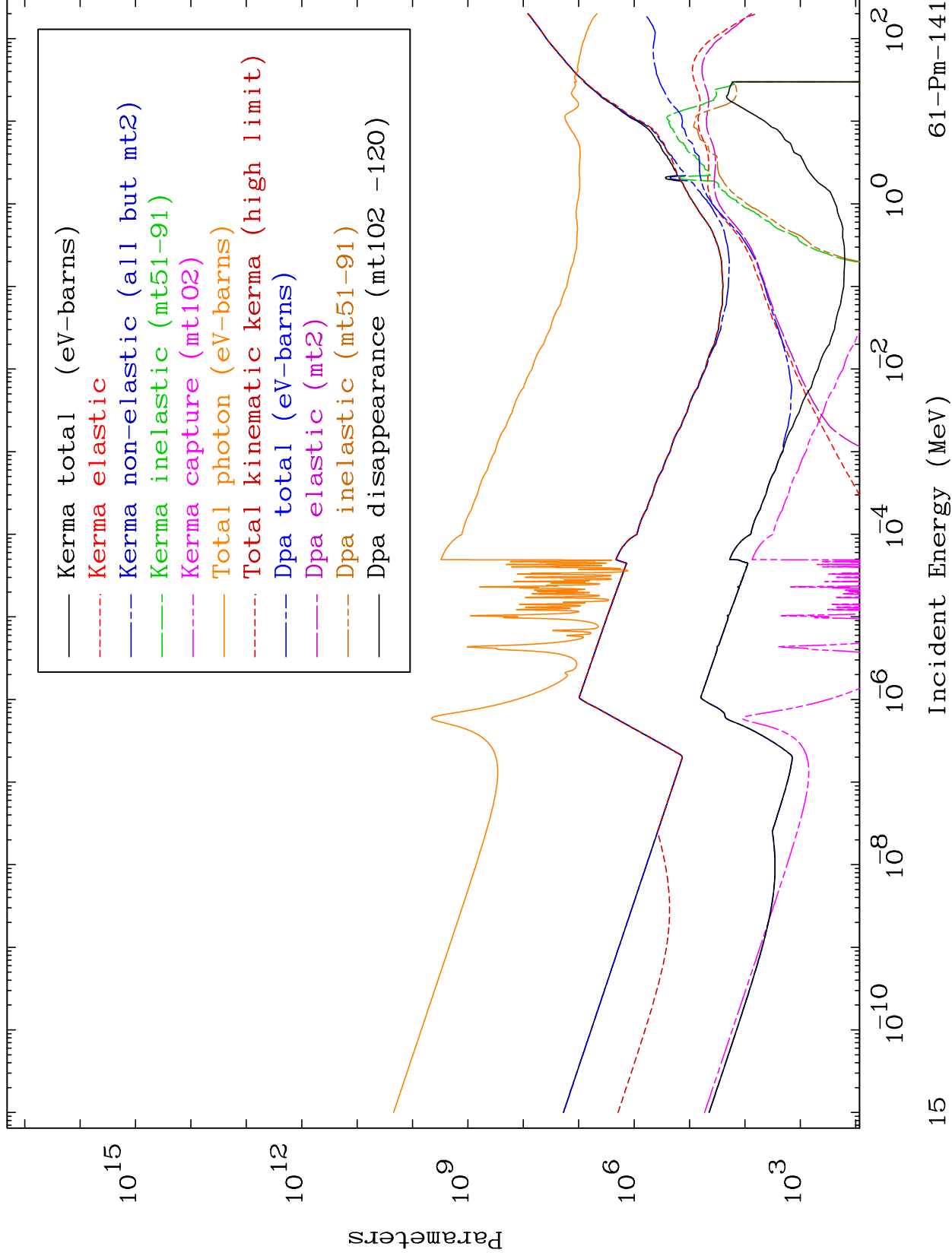
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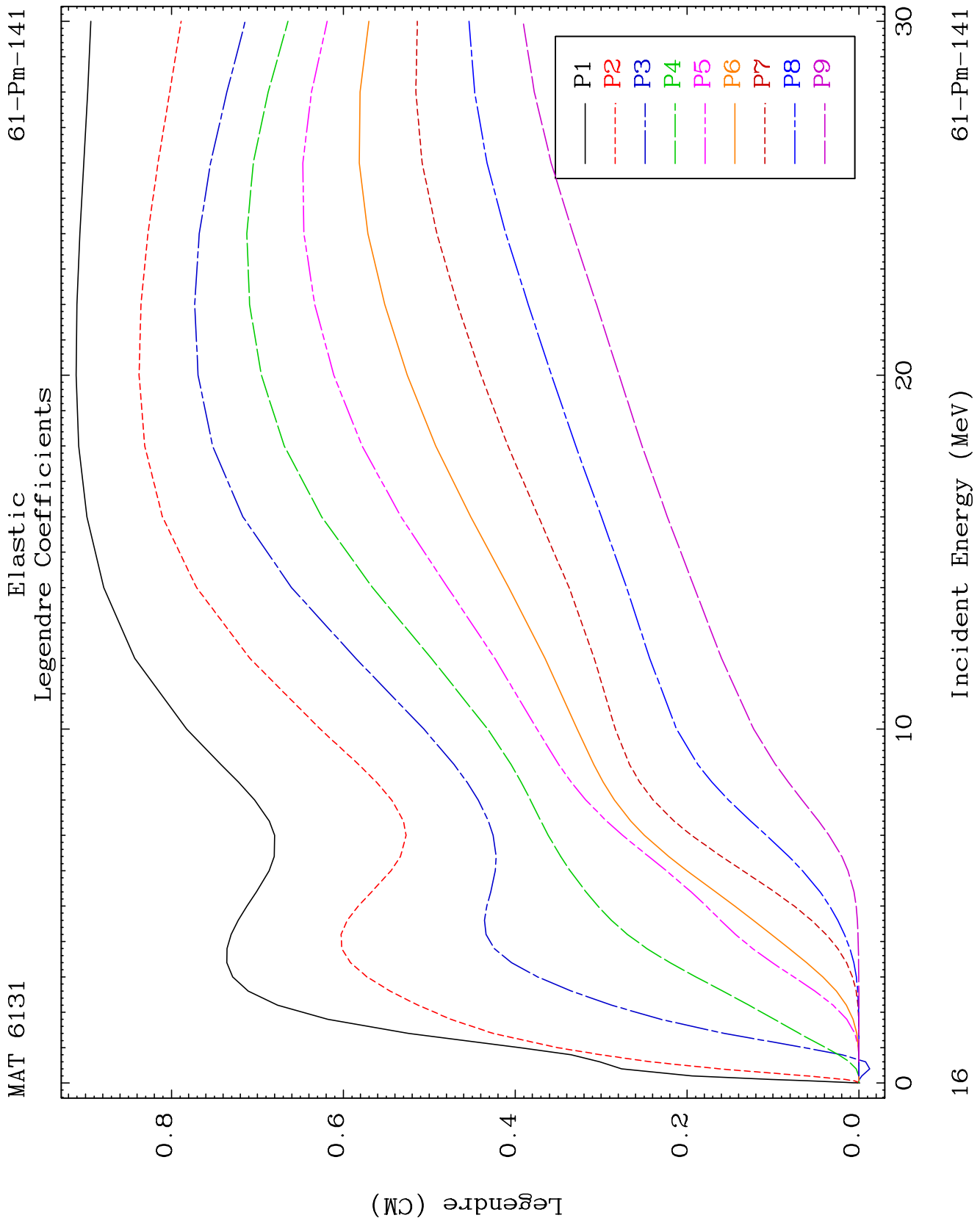


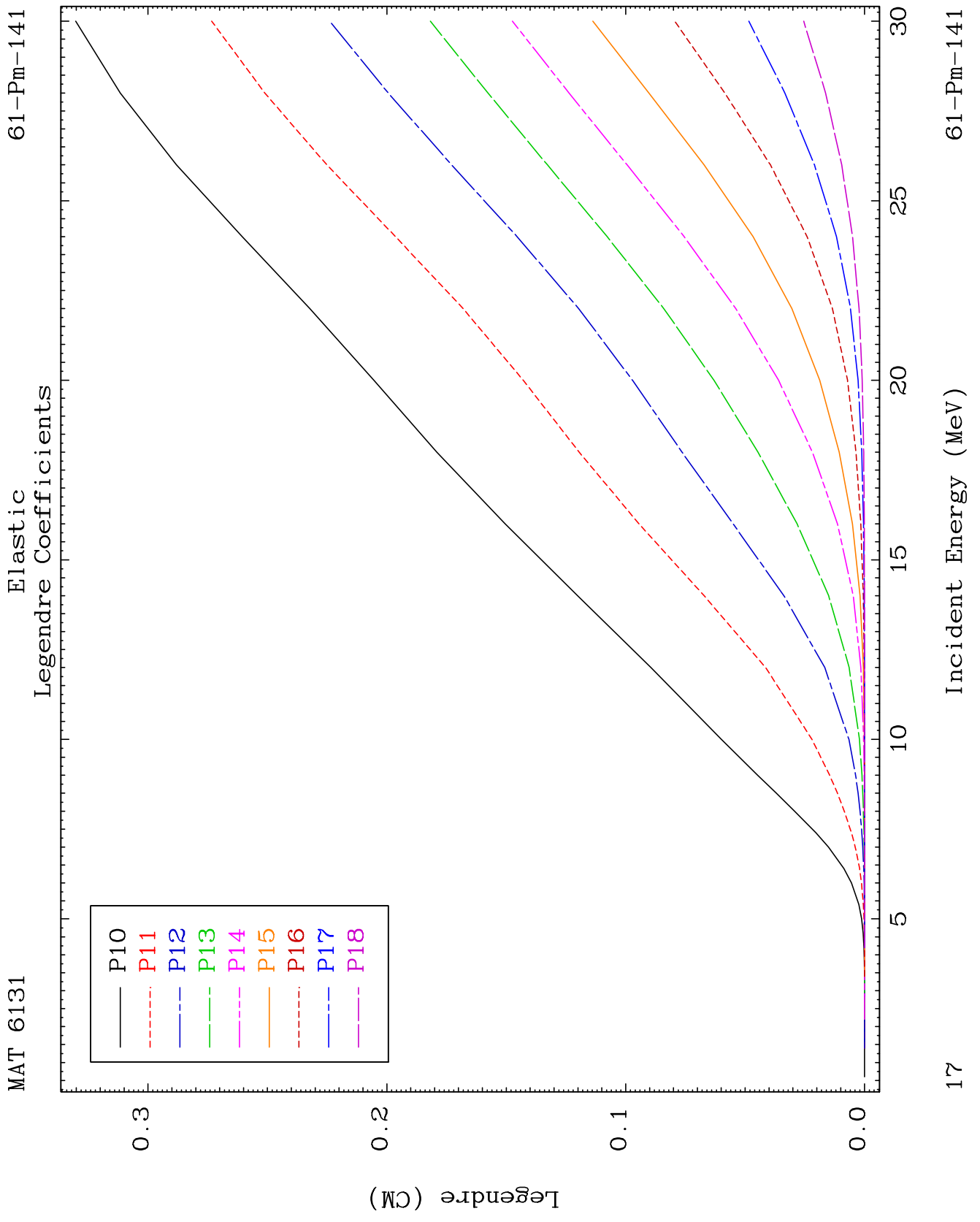
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Incident Energy (MeV)

61-Pm-141



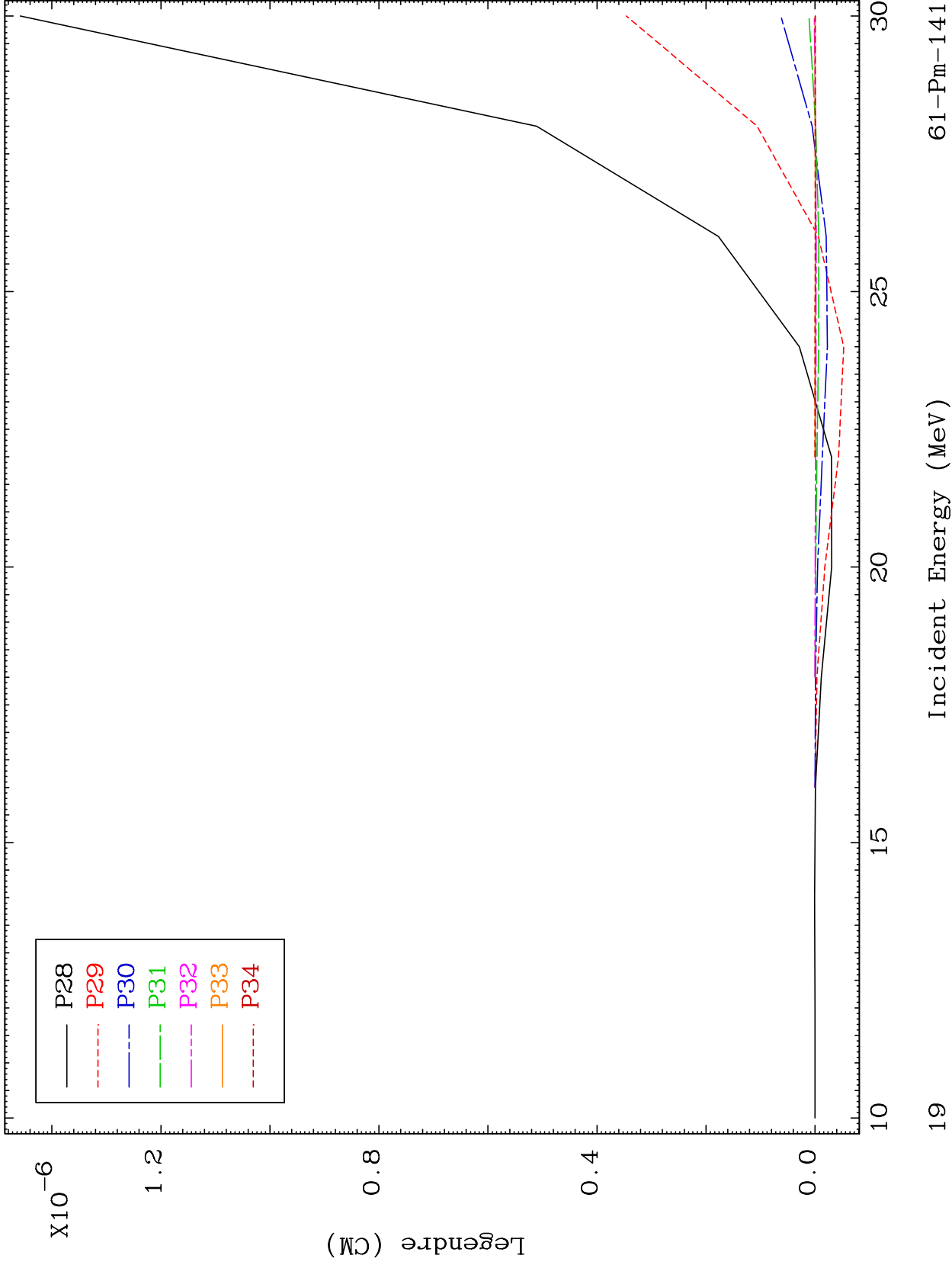




MAT 6131

Elastic
Legendre Coefficients

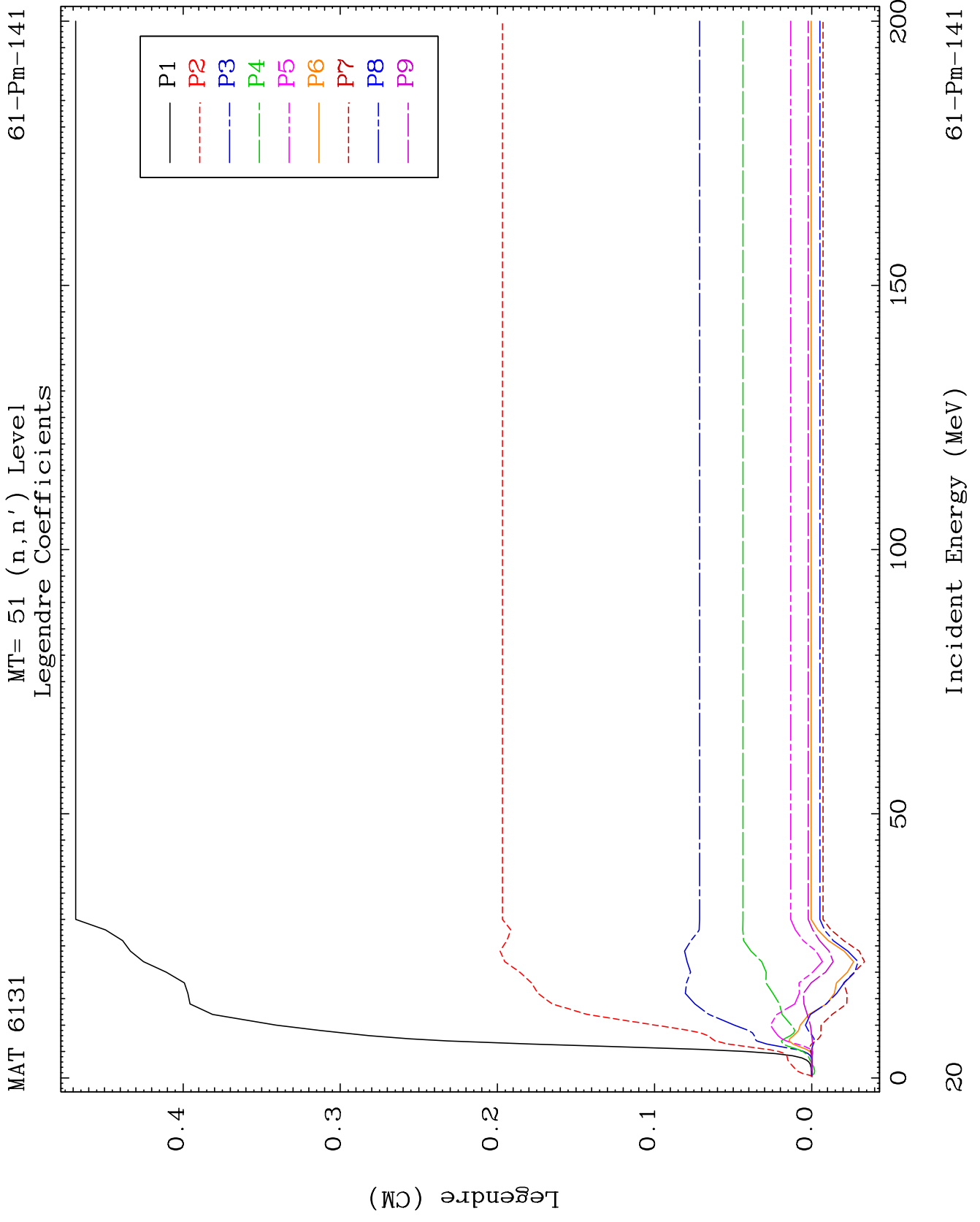
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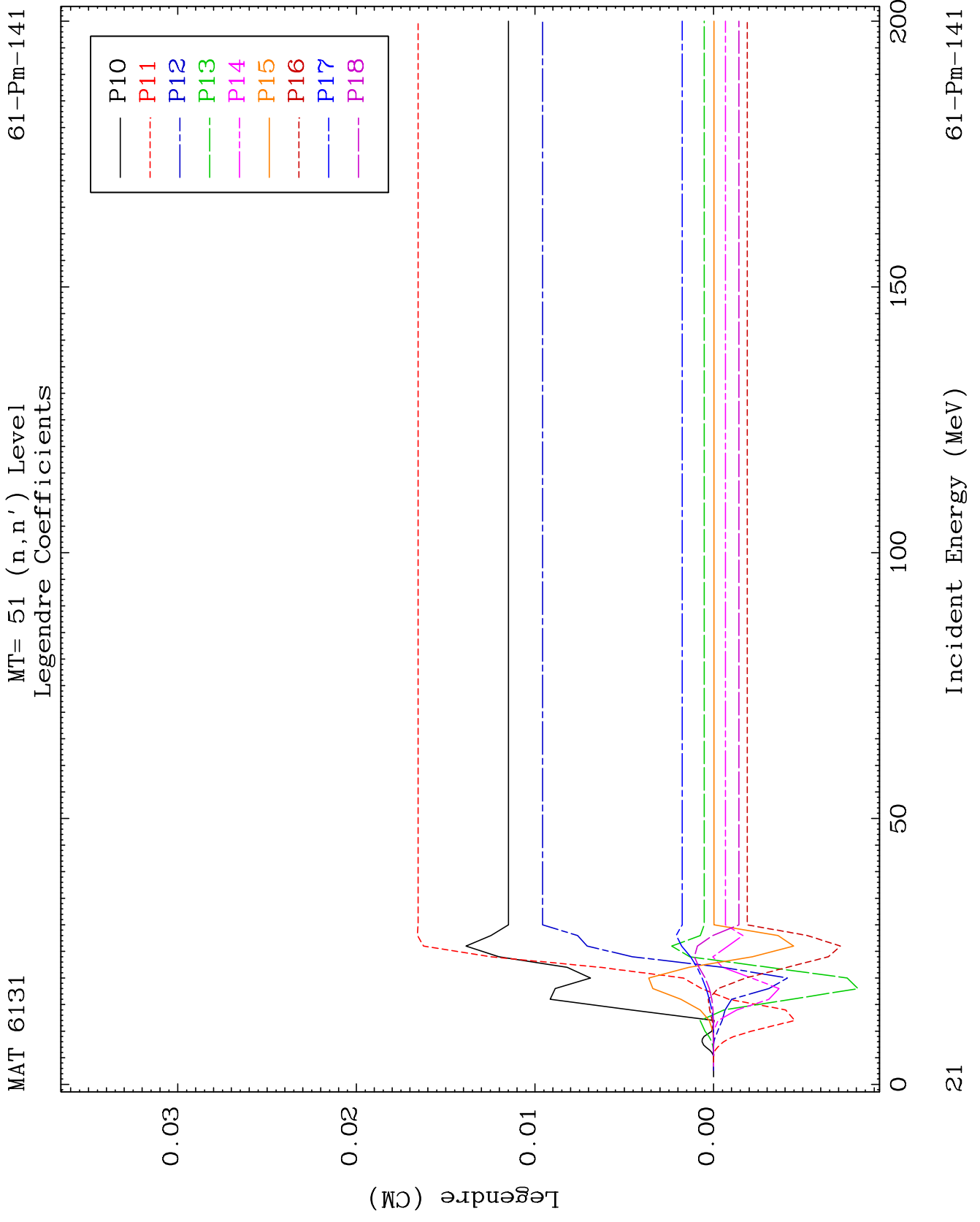


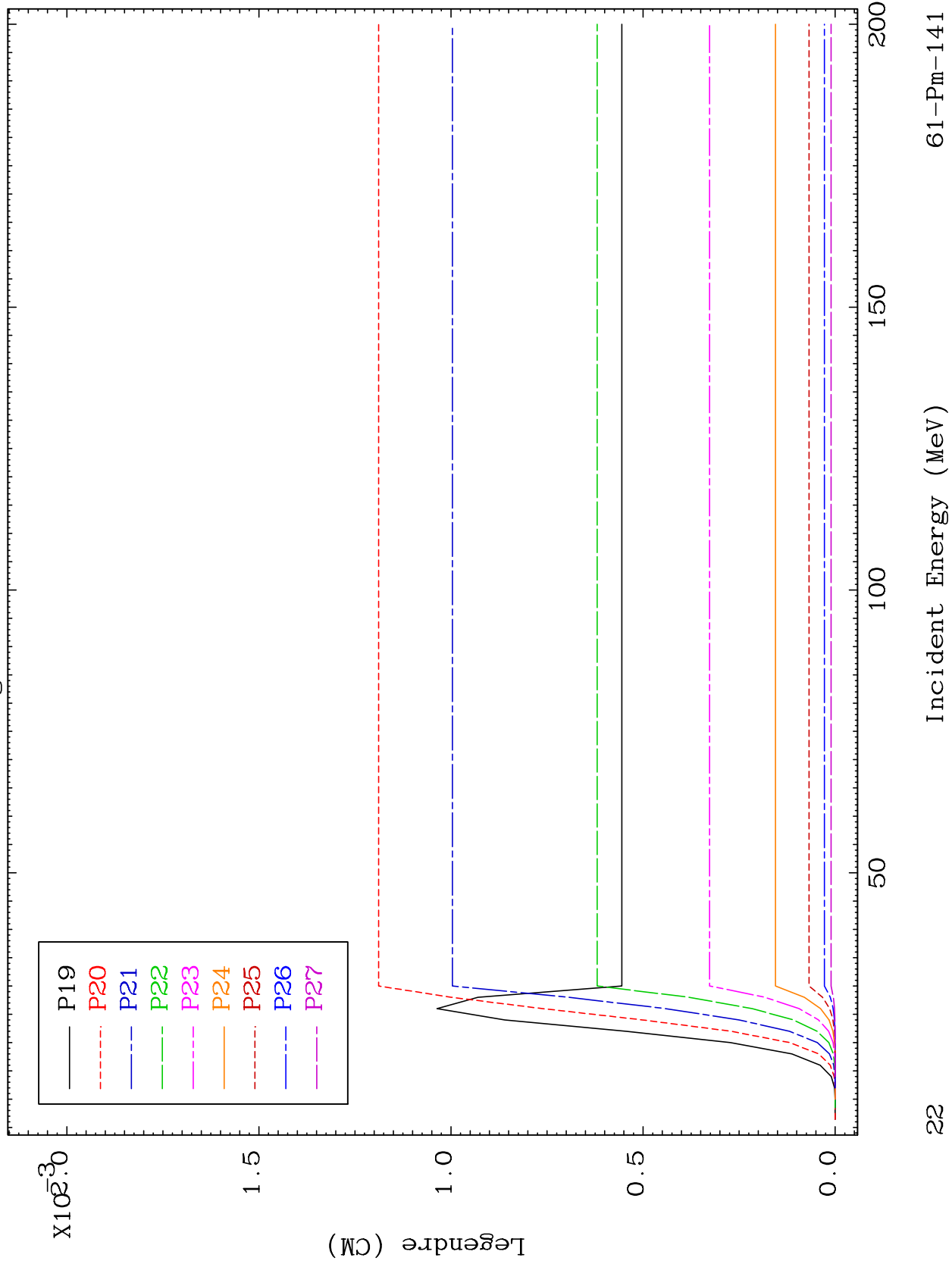
19

Incident Energy (MeV)

61-Pm-141



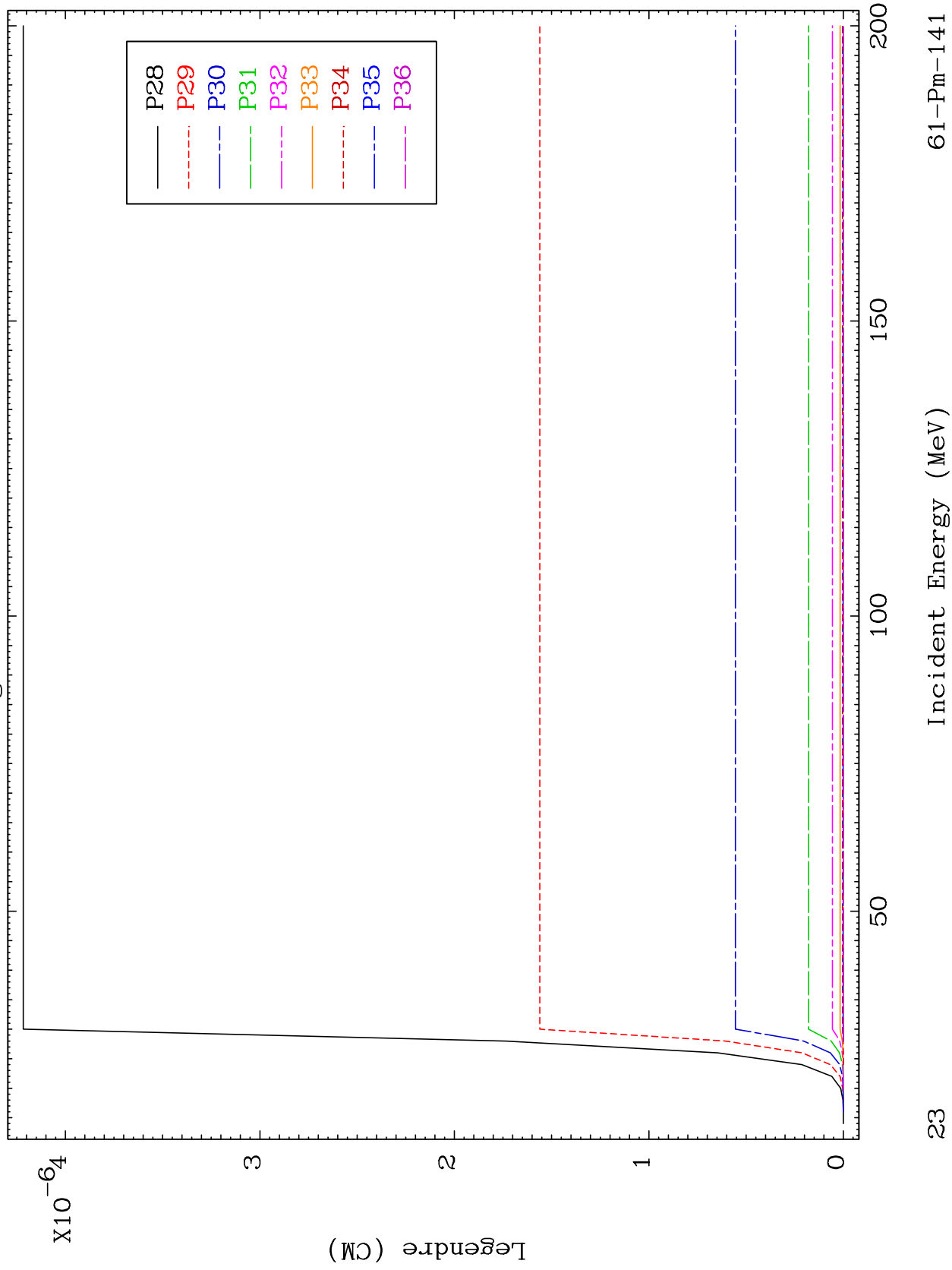




MAT 6131

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

61-Pm-141



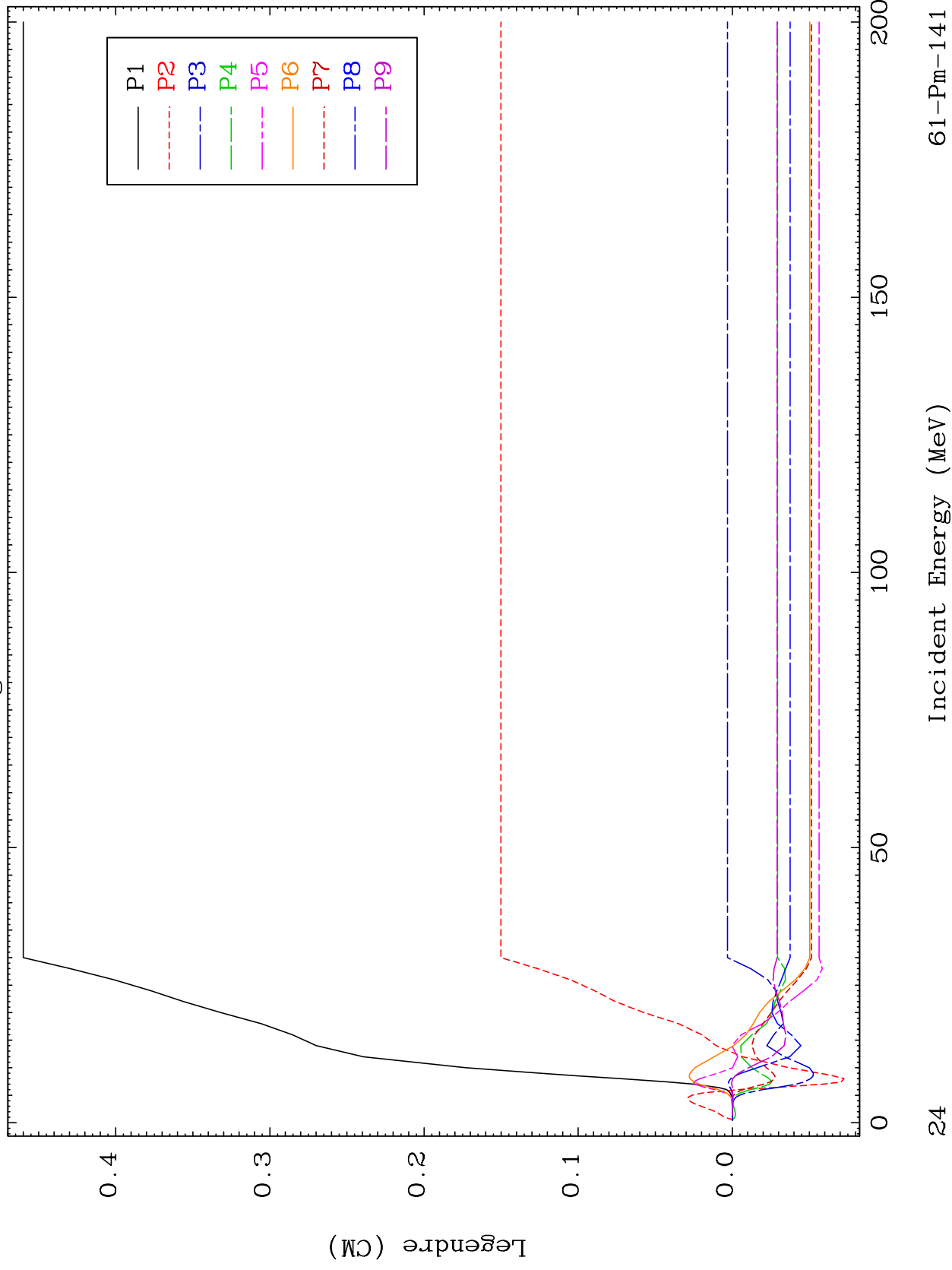
23

61-Pm-141

MAT 6131

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

61-Pm-141



61-Pm-141

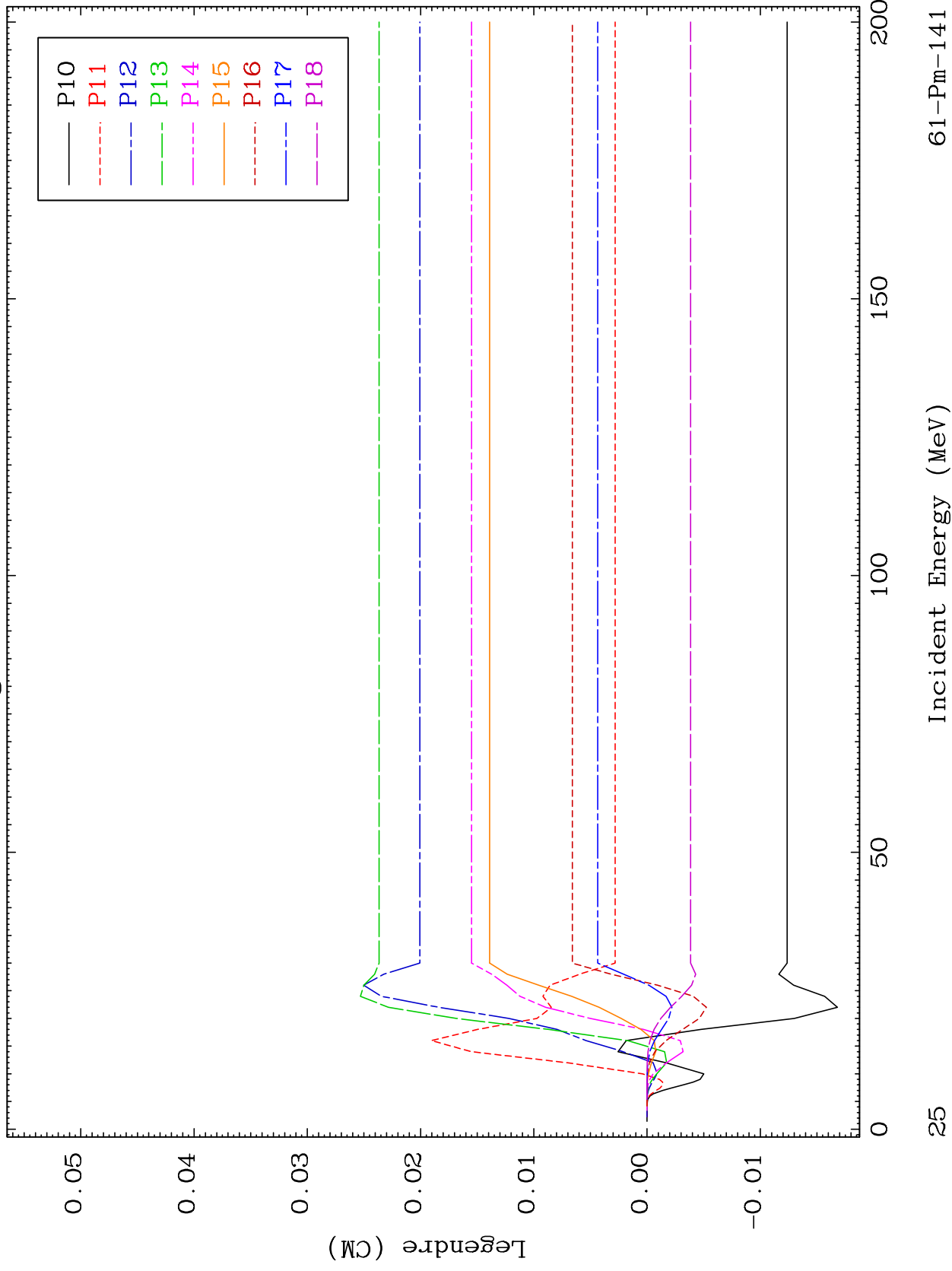
Incident Energy (MeV)

24

MAT 6131

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

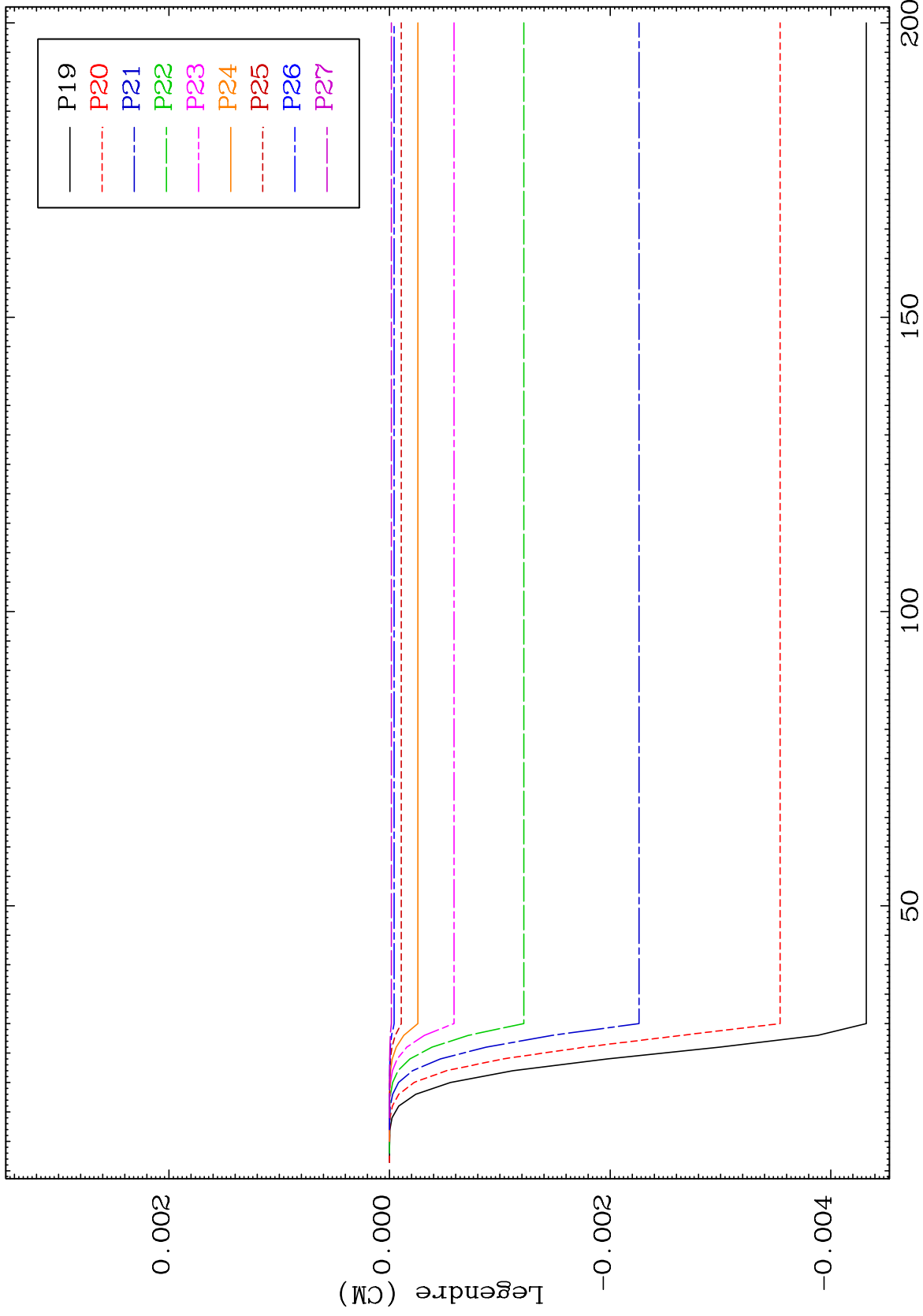
61-Pm-141



61-Pm-141

Incident Energy (MeV)

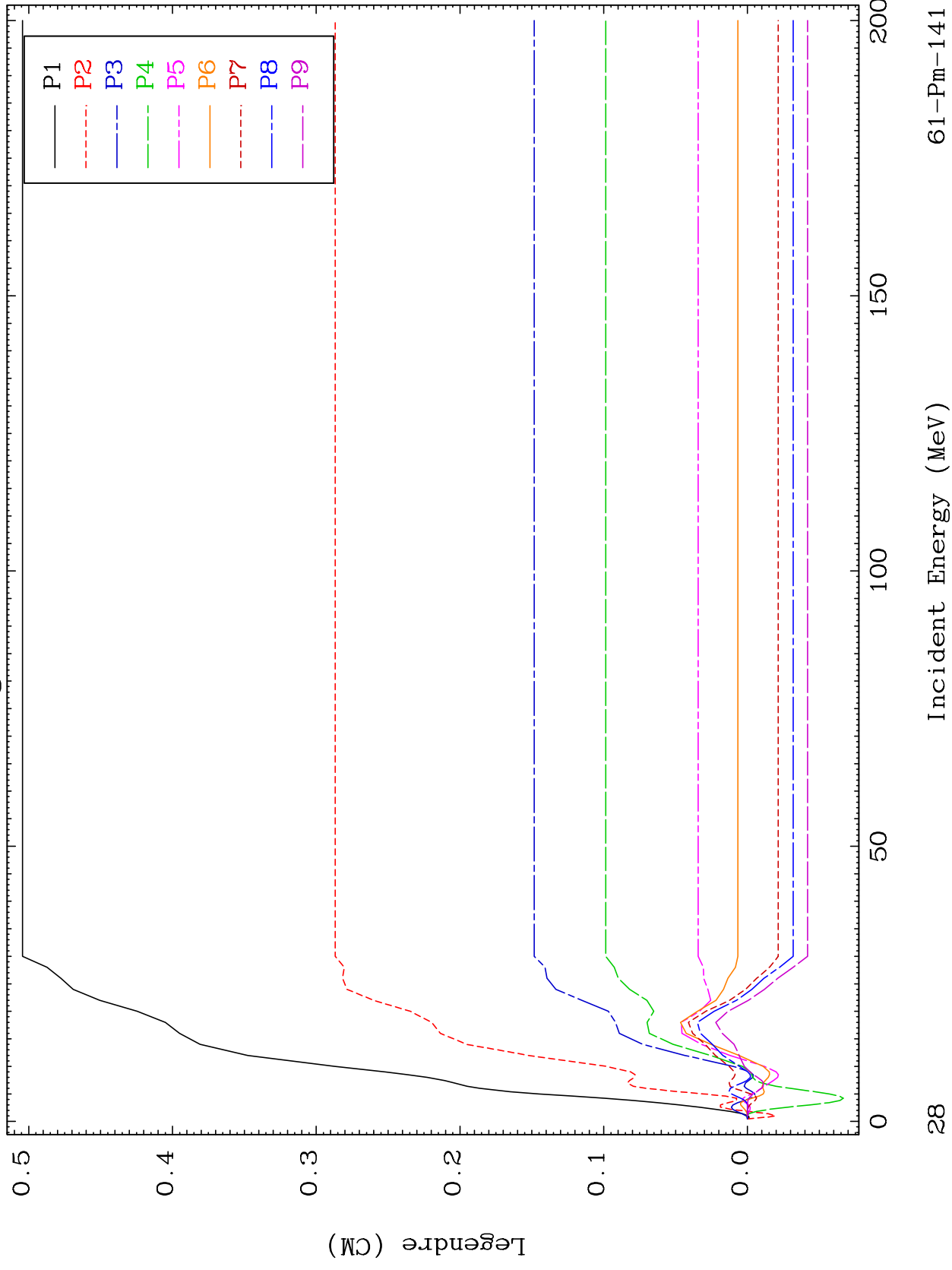
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MAT 6131

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

61-Pm-141

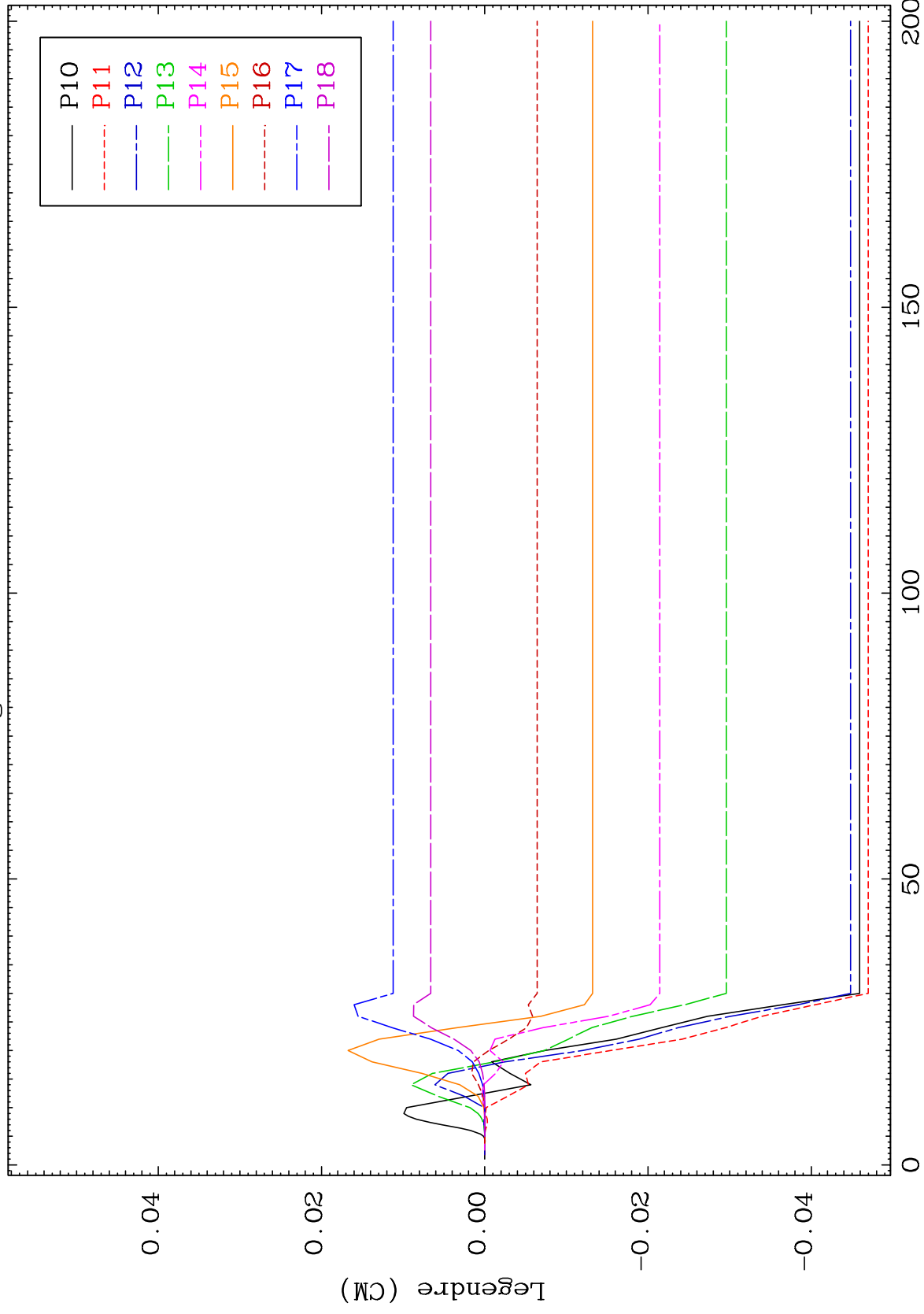


28

MAT 6131

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

61-Pm-141



29

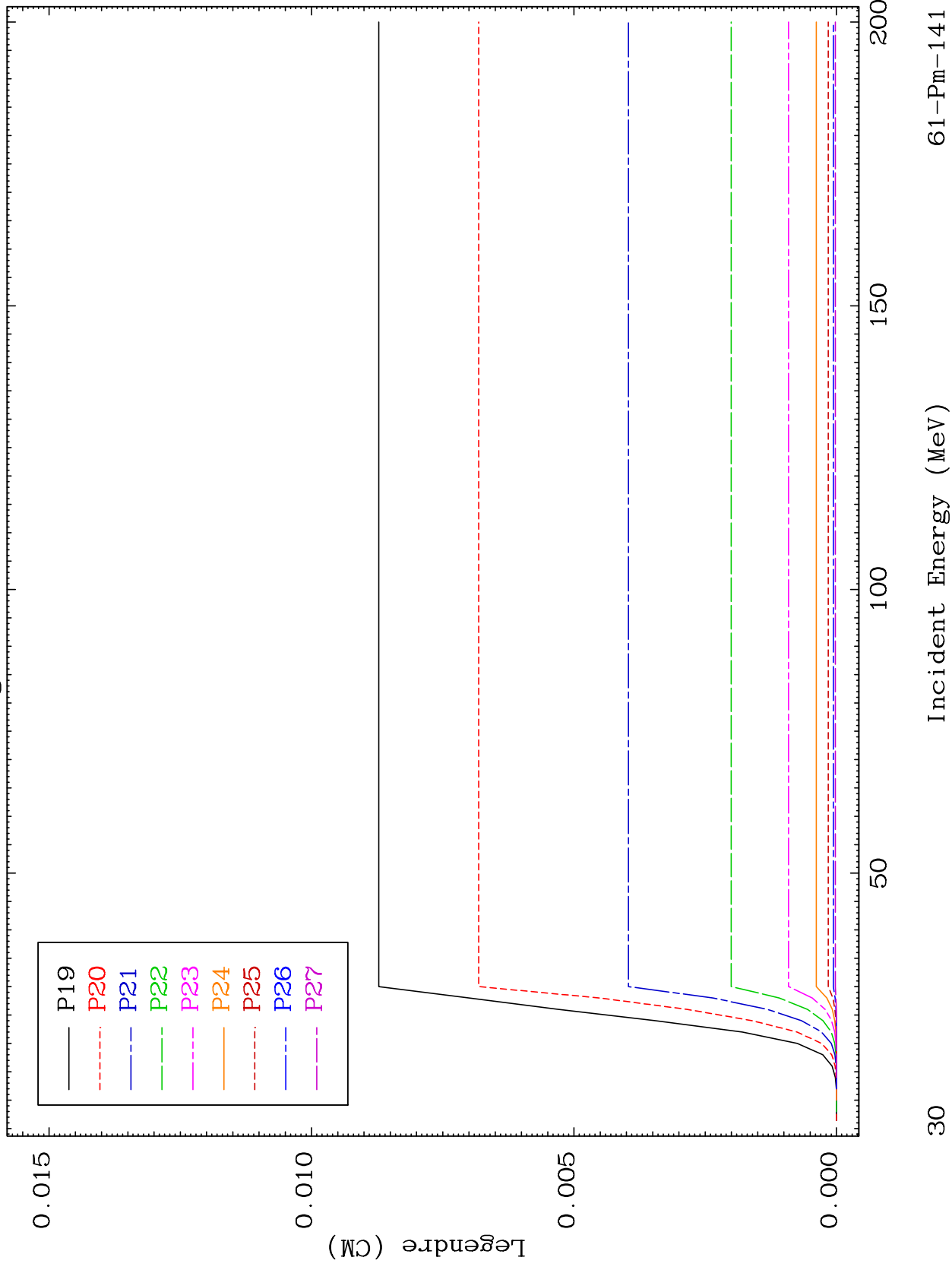
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



61-Pm-141

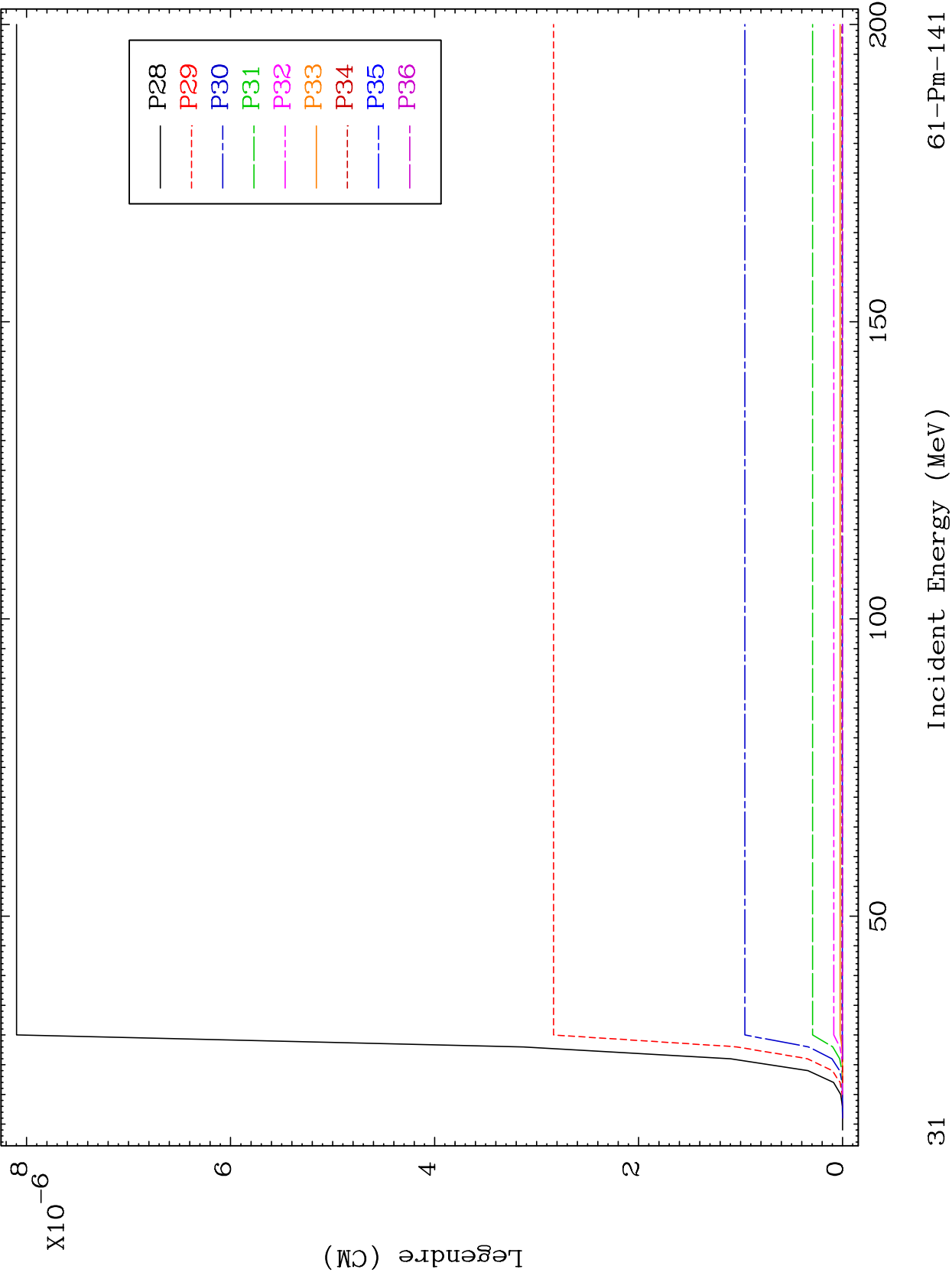
Incident Energy (MeV)

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MAT 6131

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

61-Pm-141



31

Incident Energy (MeV)

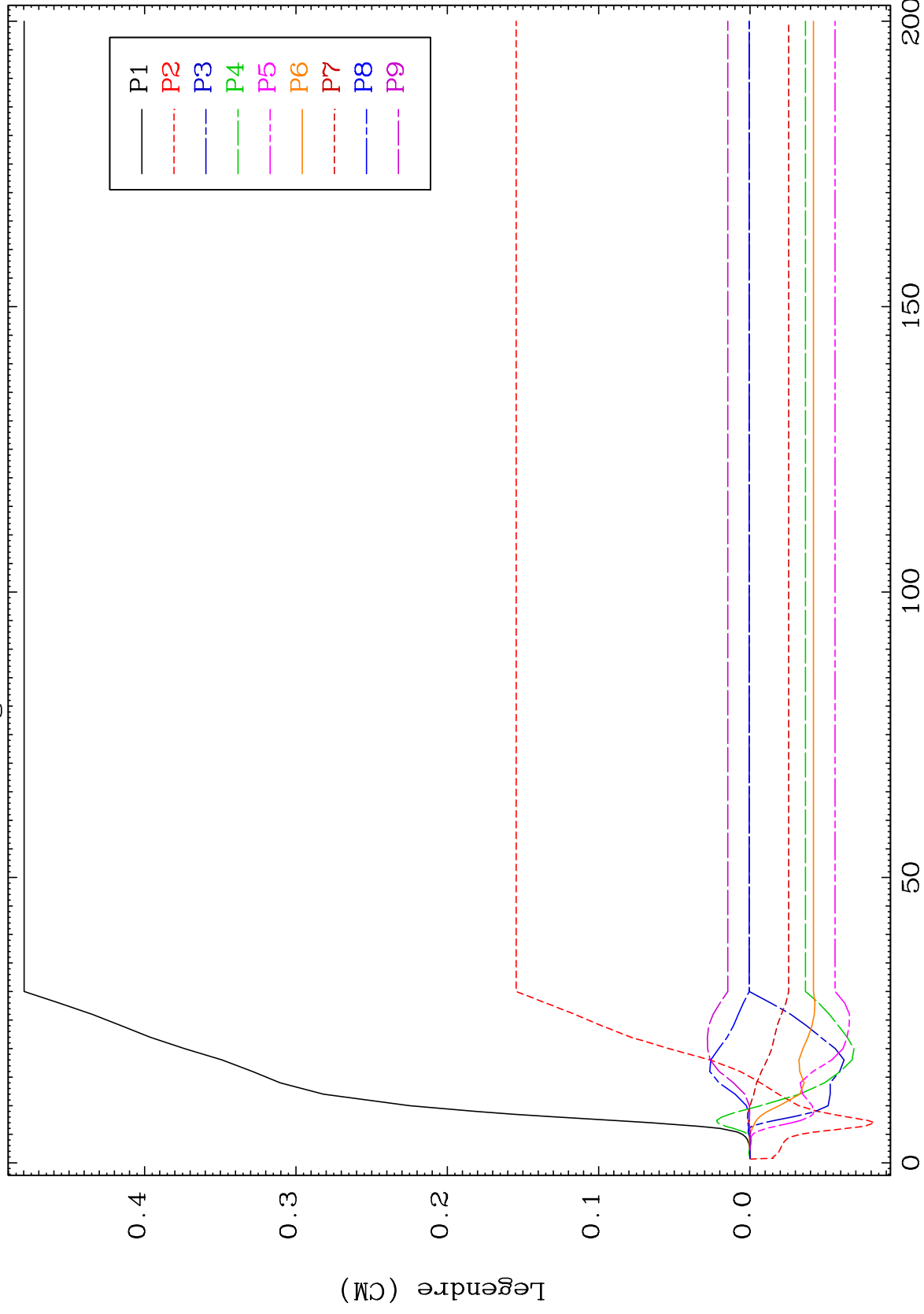
61-Pm-141

MAT 6131

MT= 54 (n,n') Level

61-Pm-141

Legendre Coefficients



32

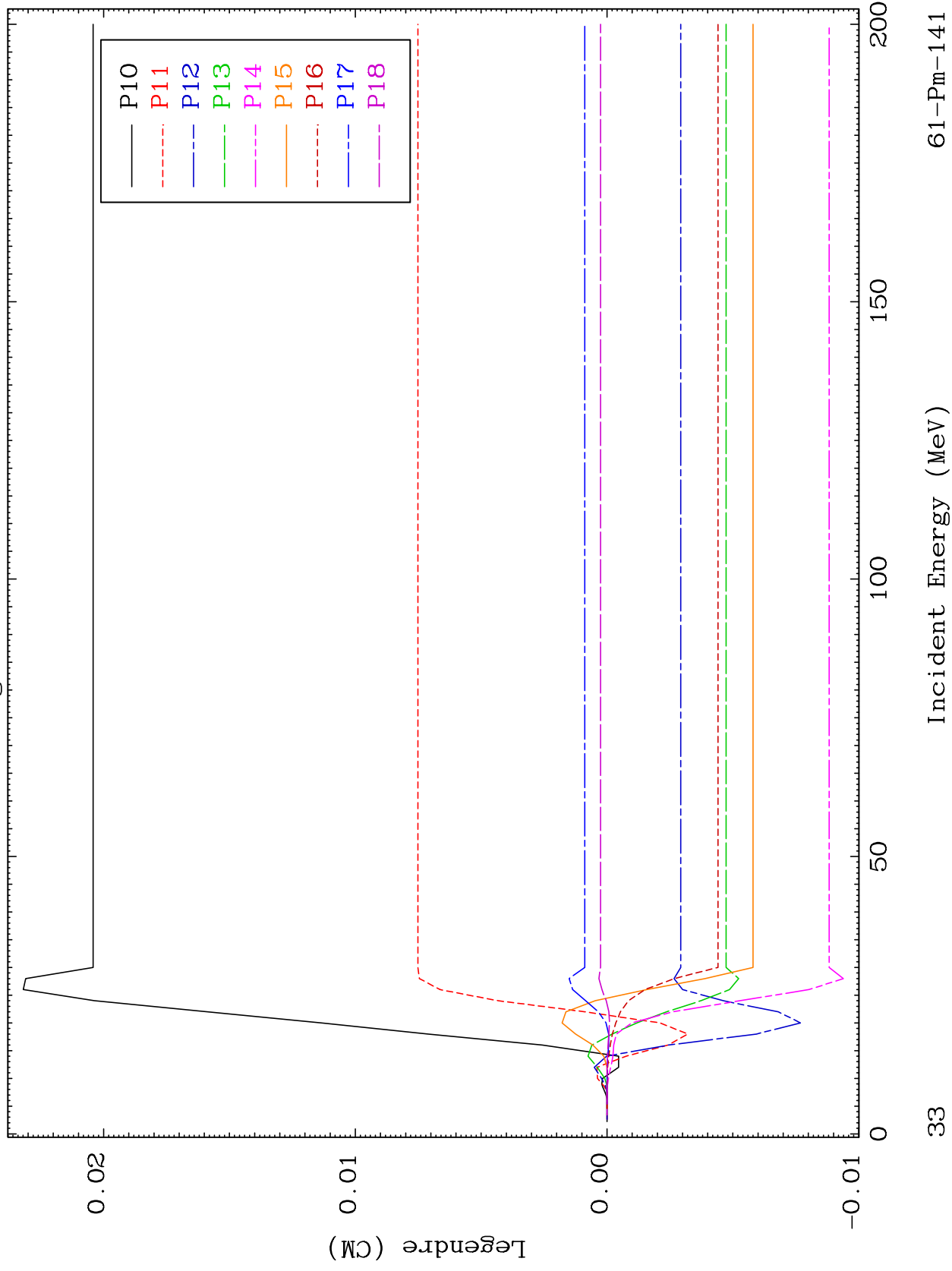
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



33

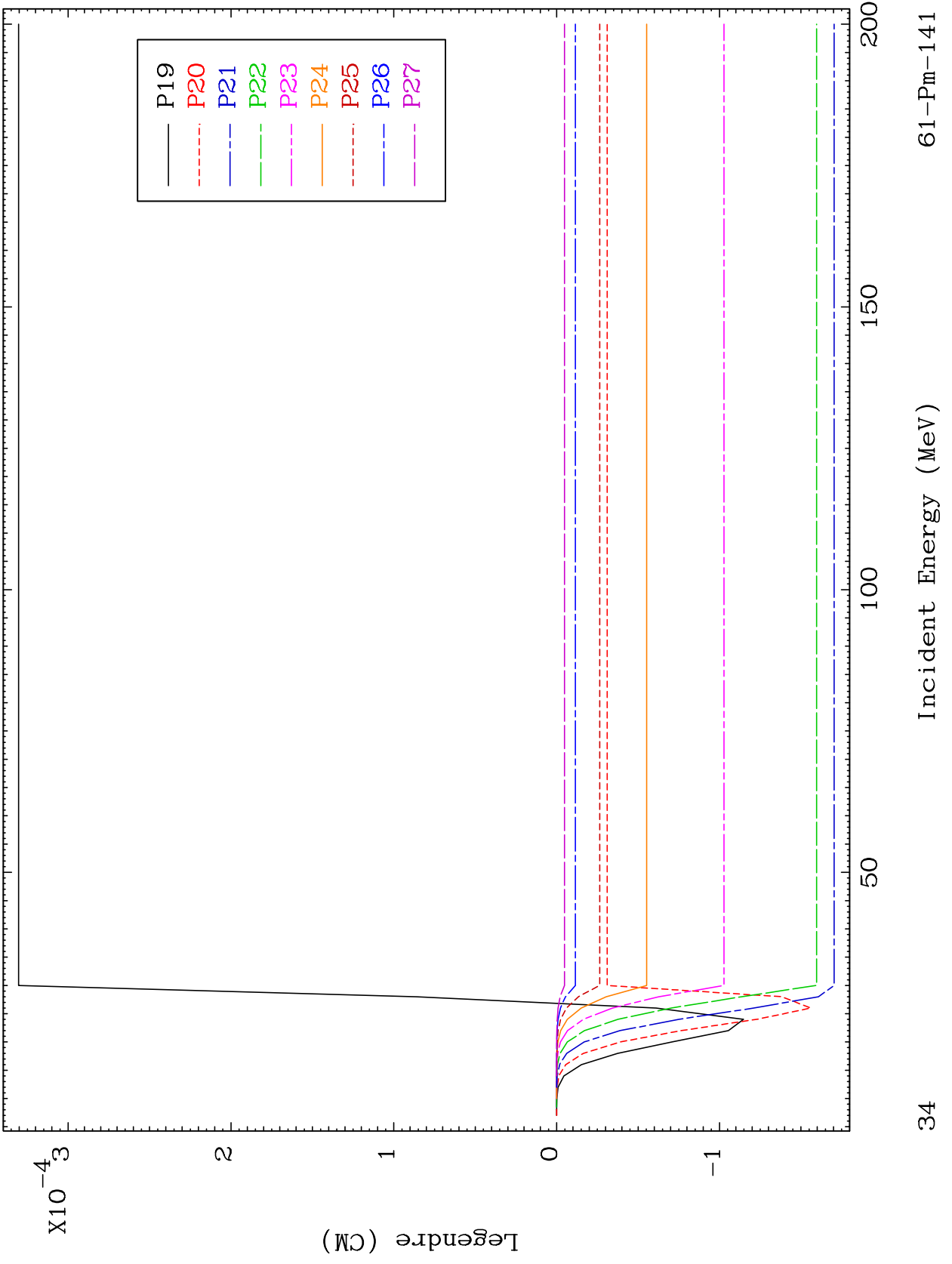
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

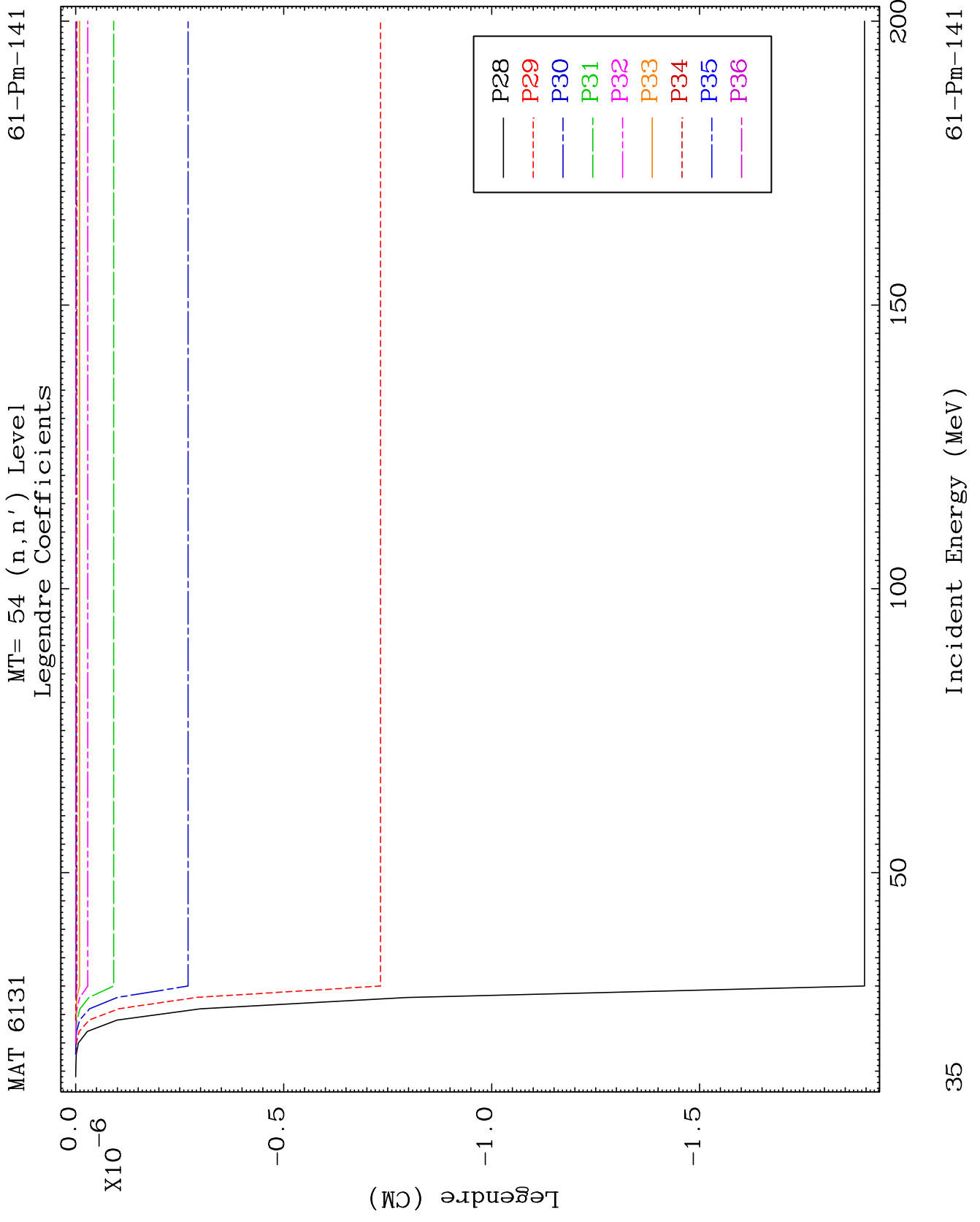
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34

Incident Energy (MeV)

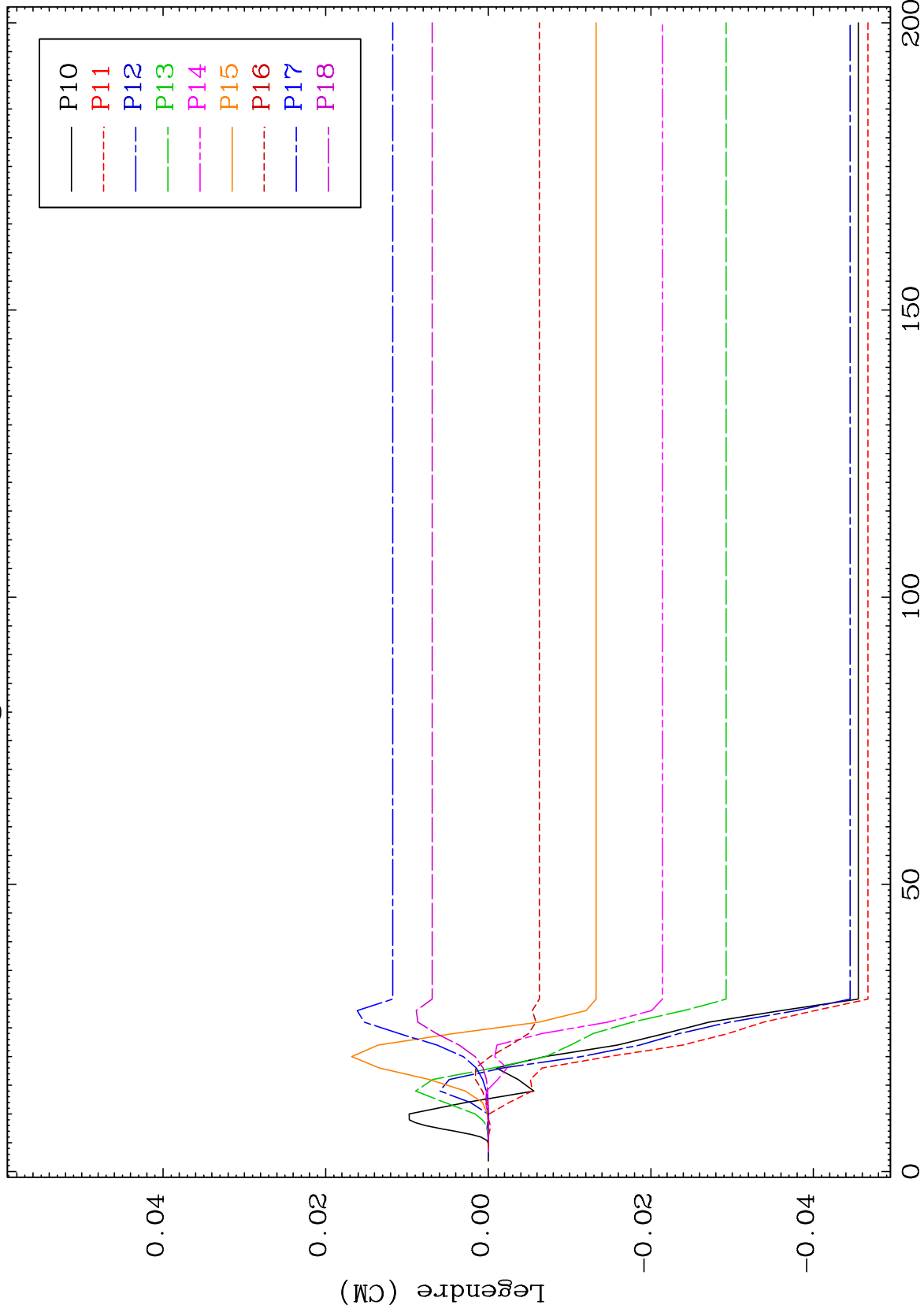
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MAT 6131

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

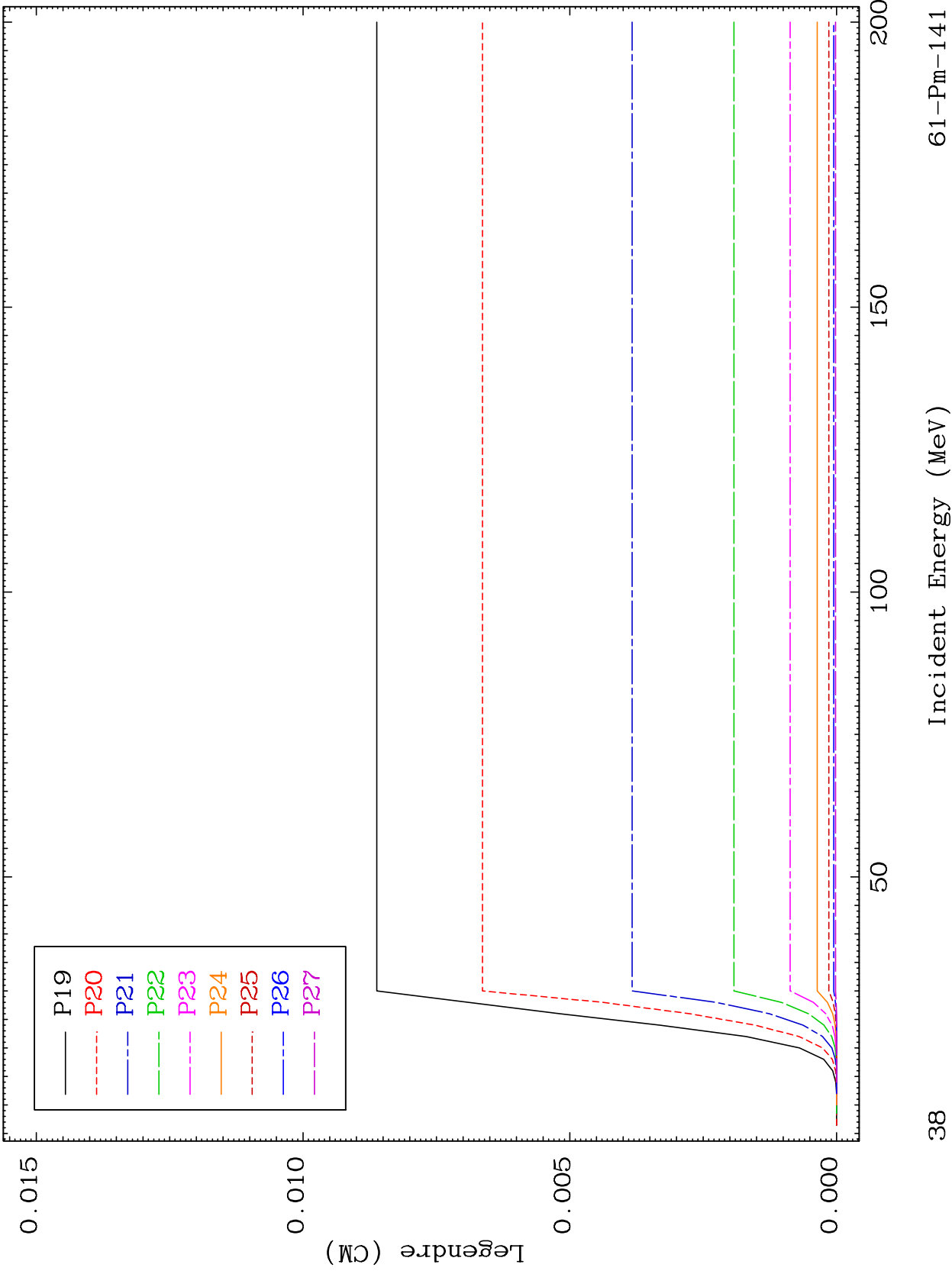
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Incident Energy (MeV)

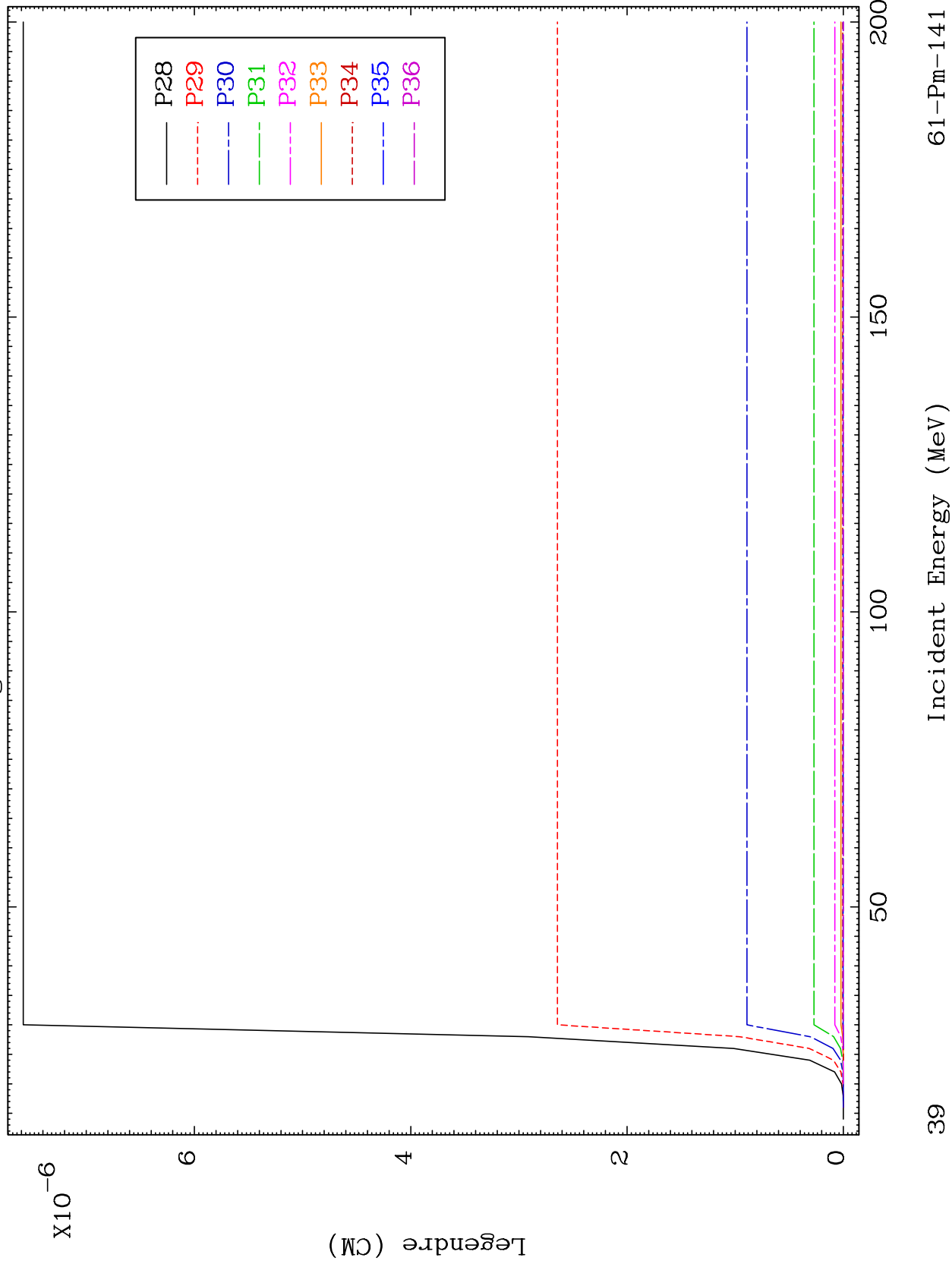
61-Pm-141



MAT 6131

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

61-Pm-141



39

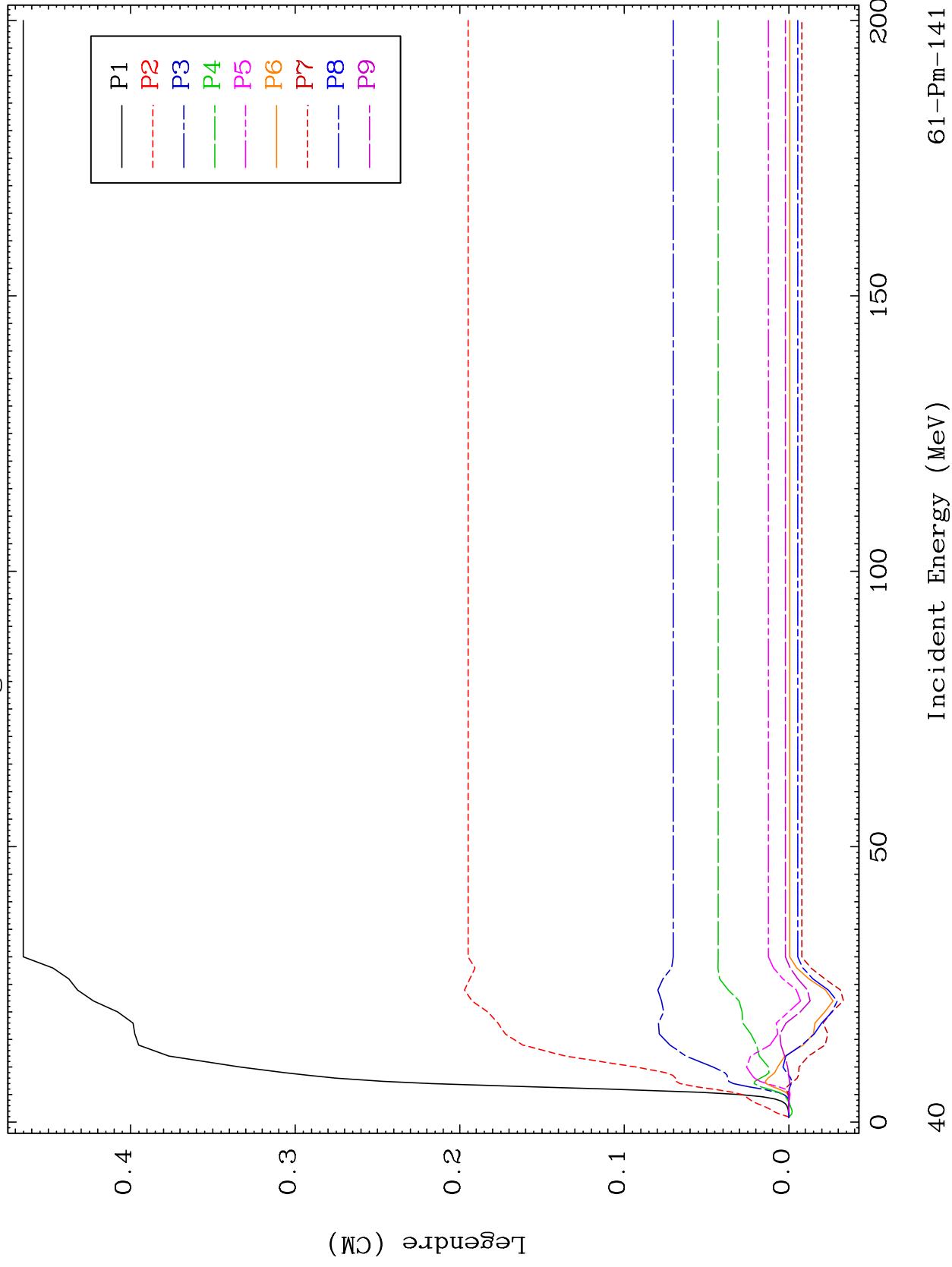
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

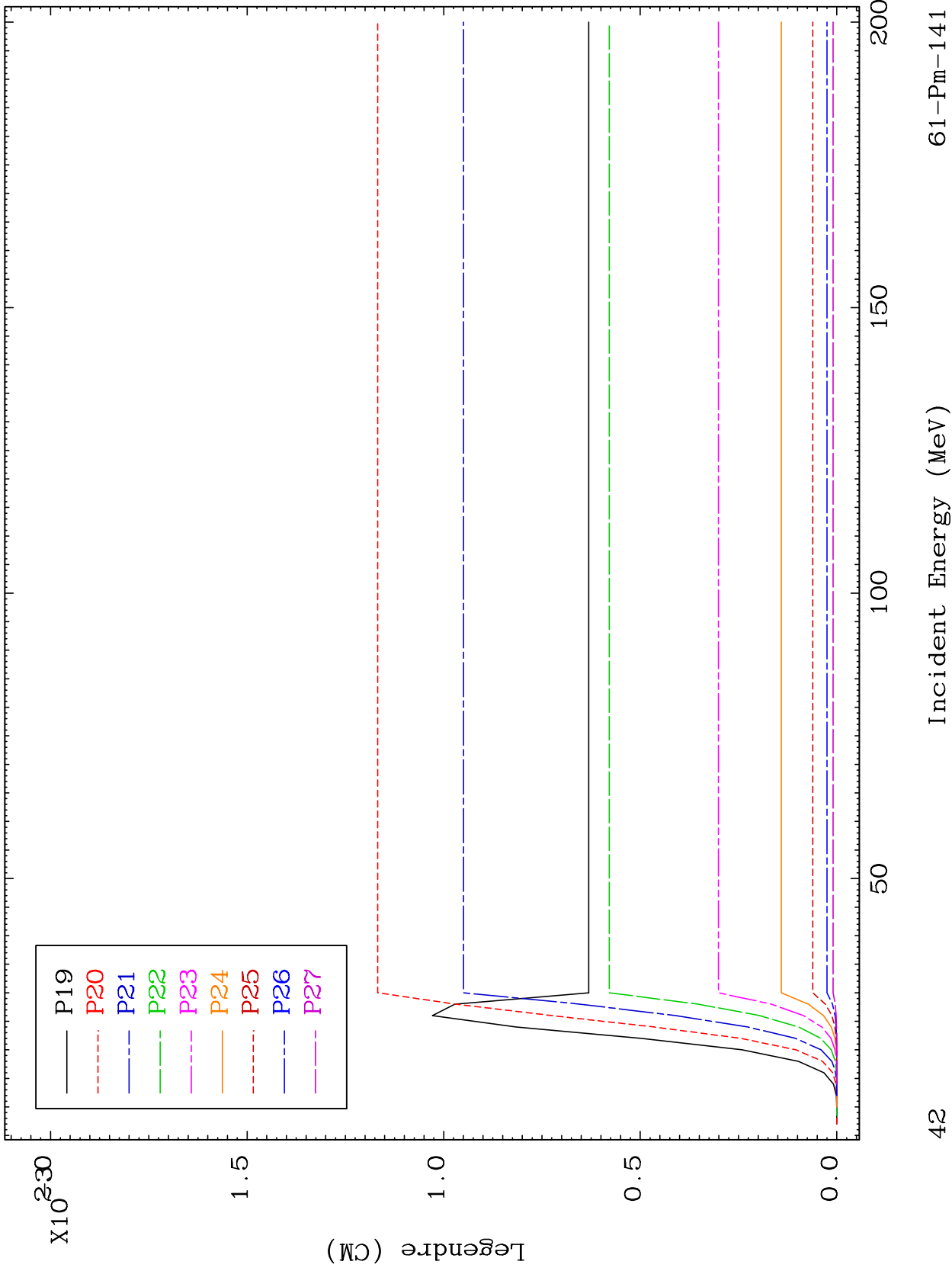
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MAT 6131

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

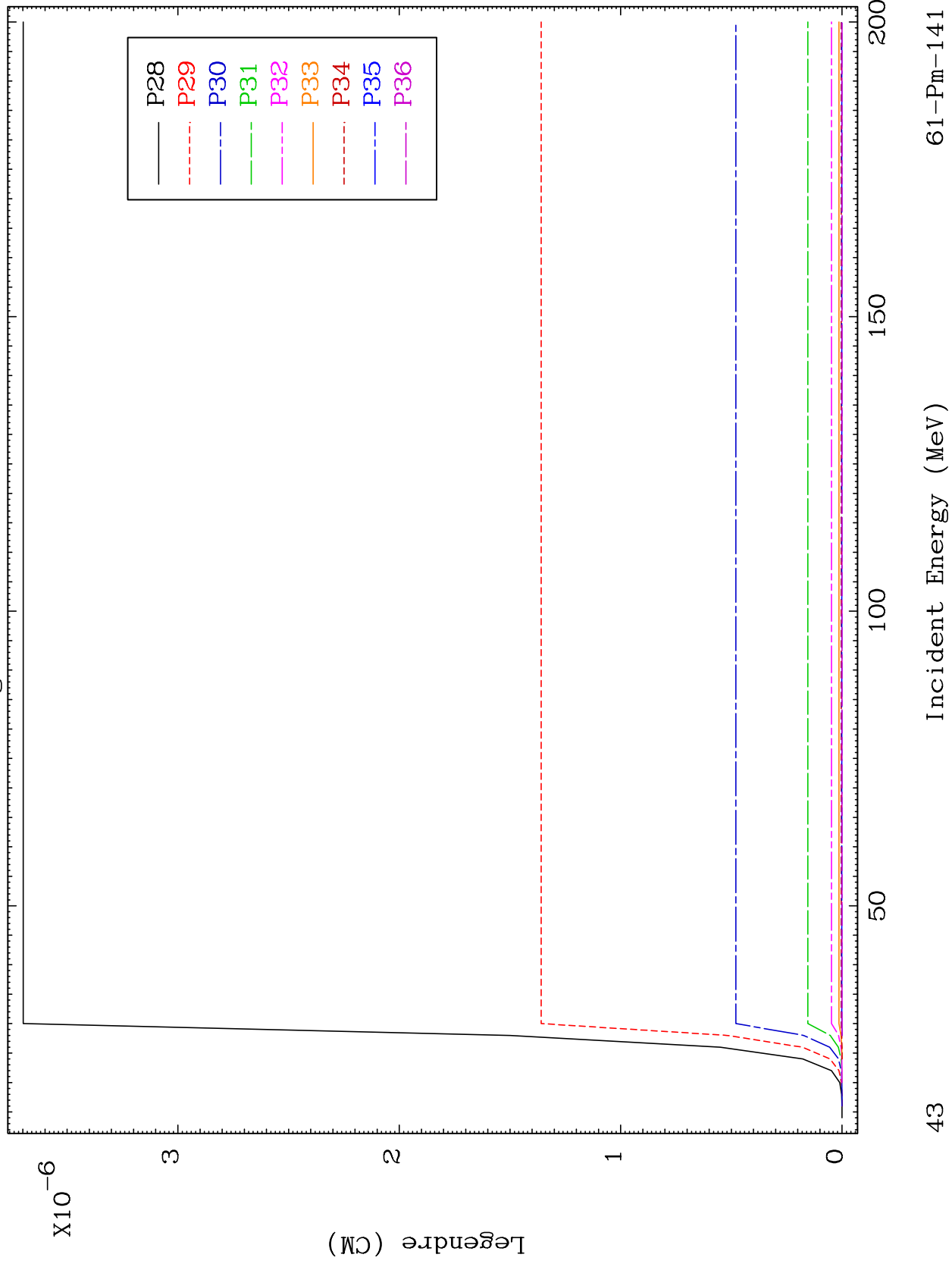
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MAT 6131

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

61-Pm-141



43

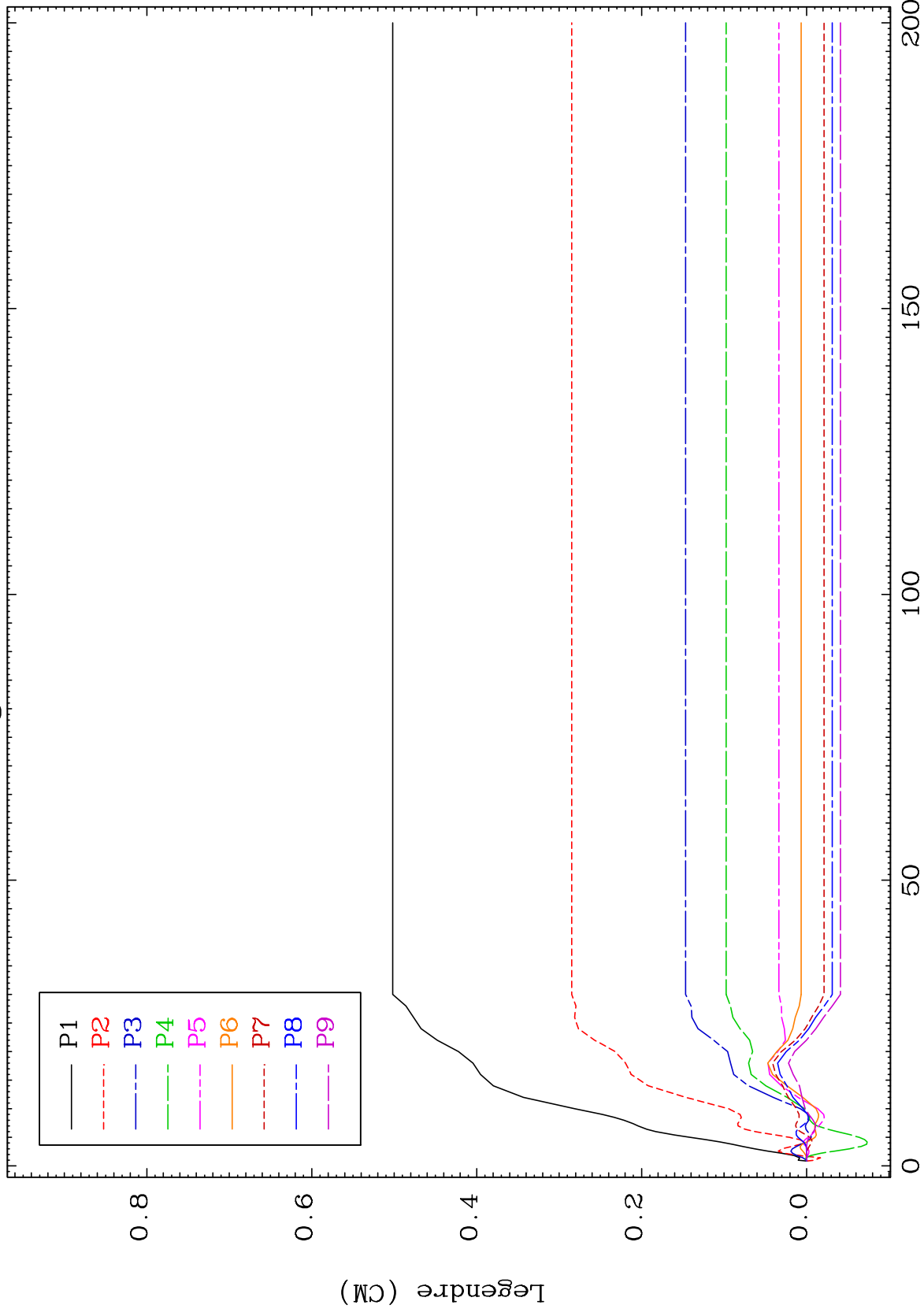
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



44

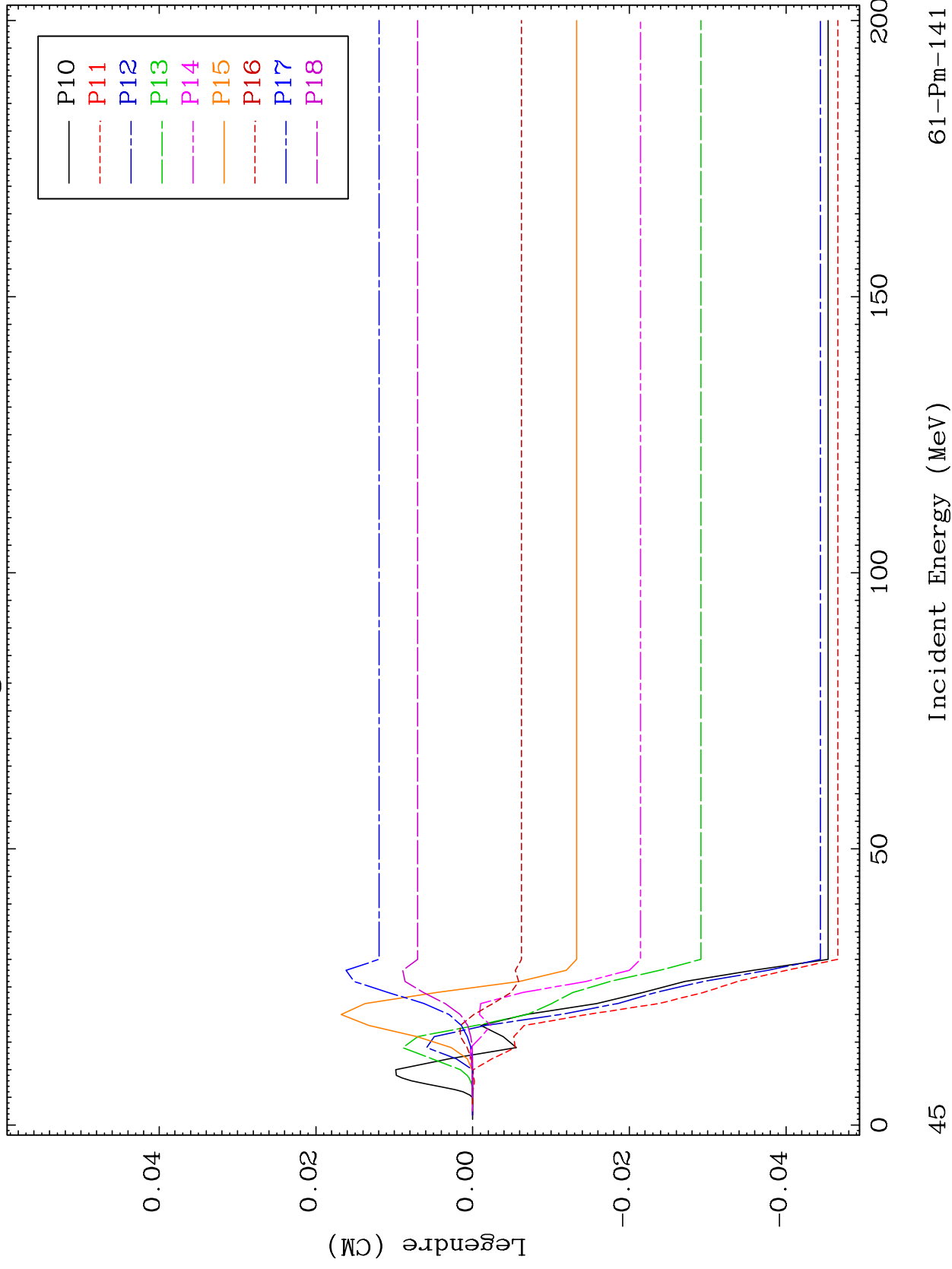
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



61-Pm-141

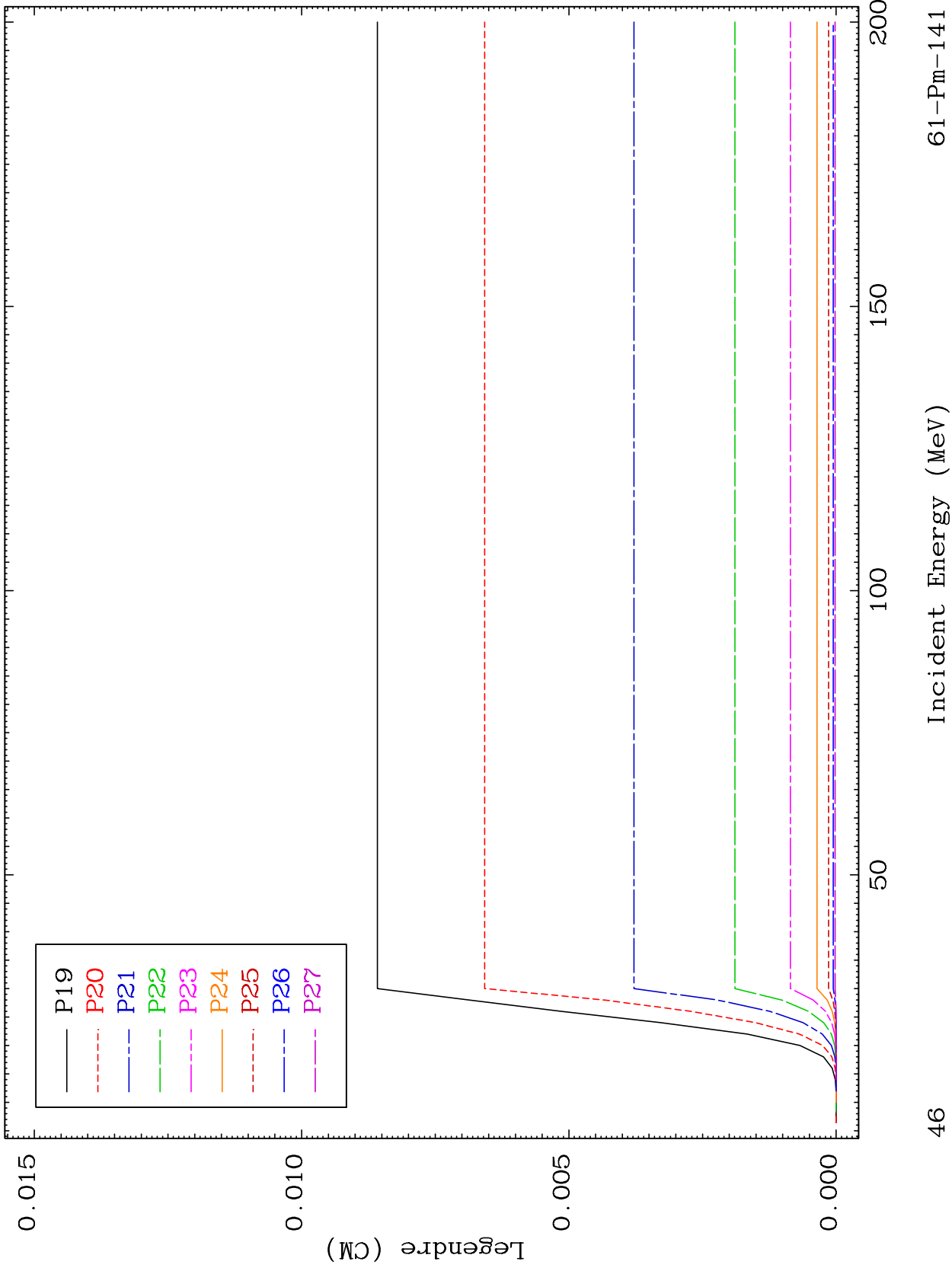
Incident Energy (MeV)

45

MAT 6131

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

61-Pm-141



46

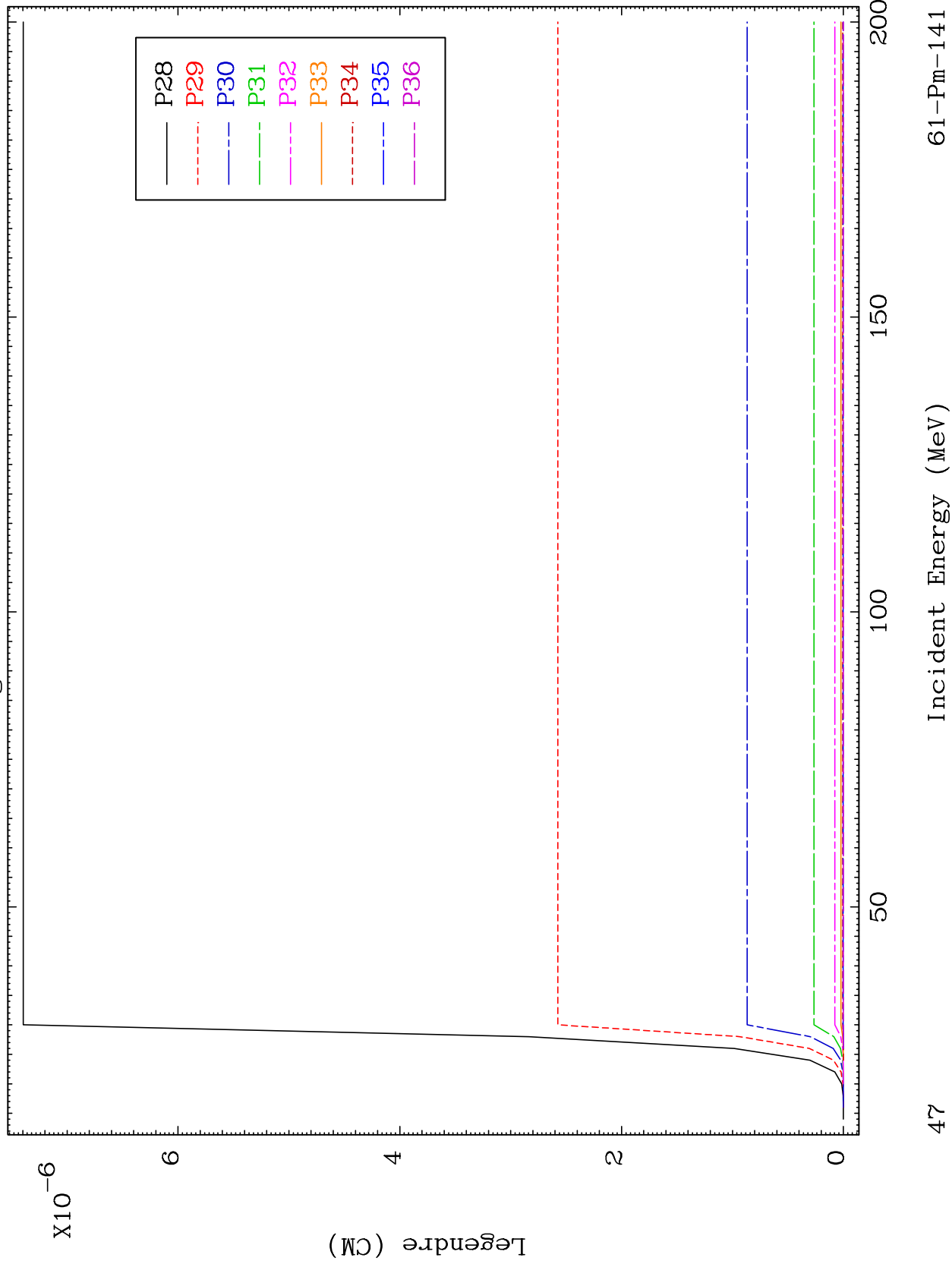
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61-Pm-141

MAT 6131

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

61-Pm-141



47

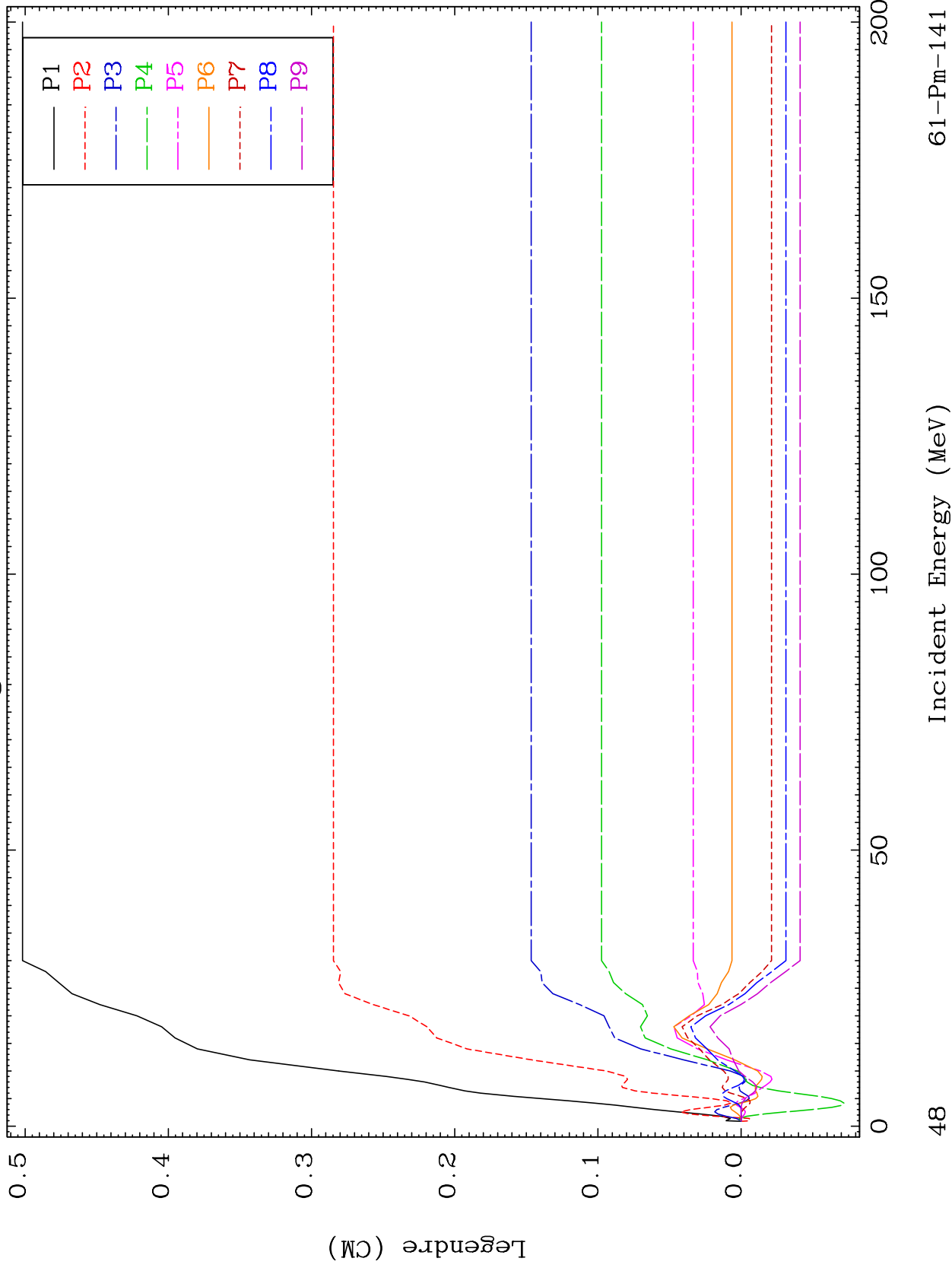
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



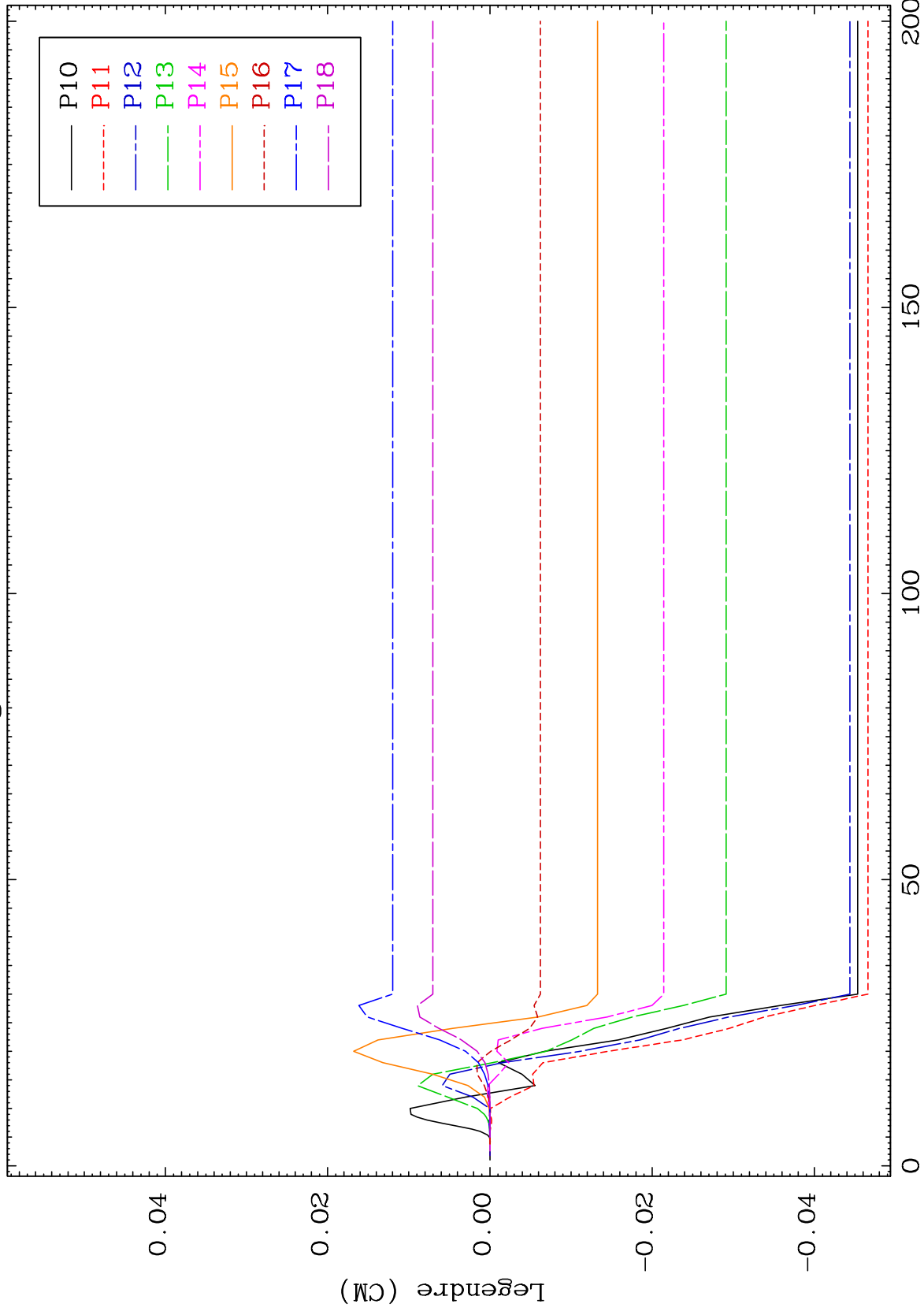
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61-Pm-141

MAT 6131

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

61-Pm-141



49

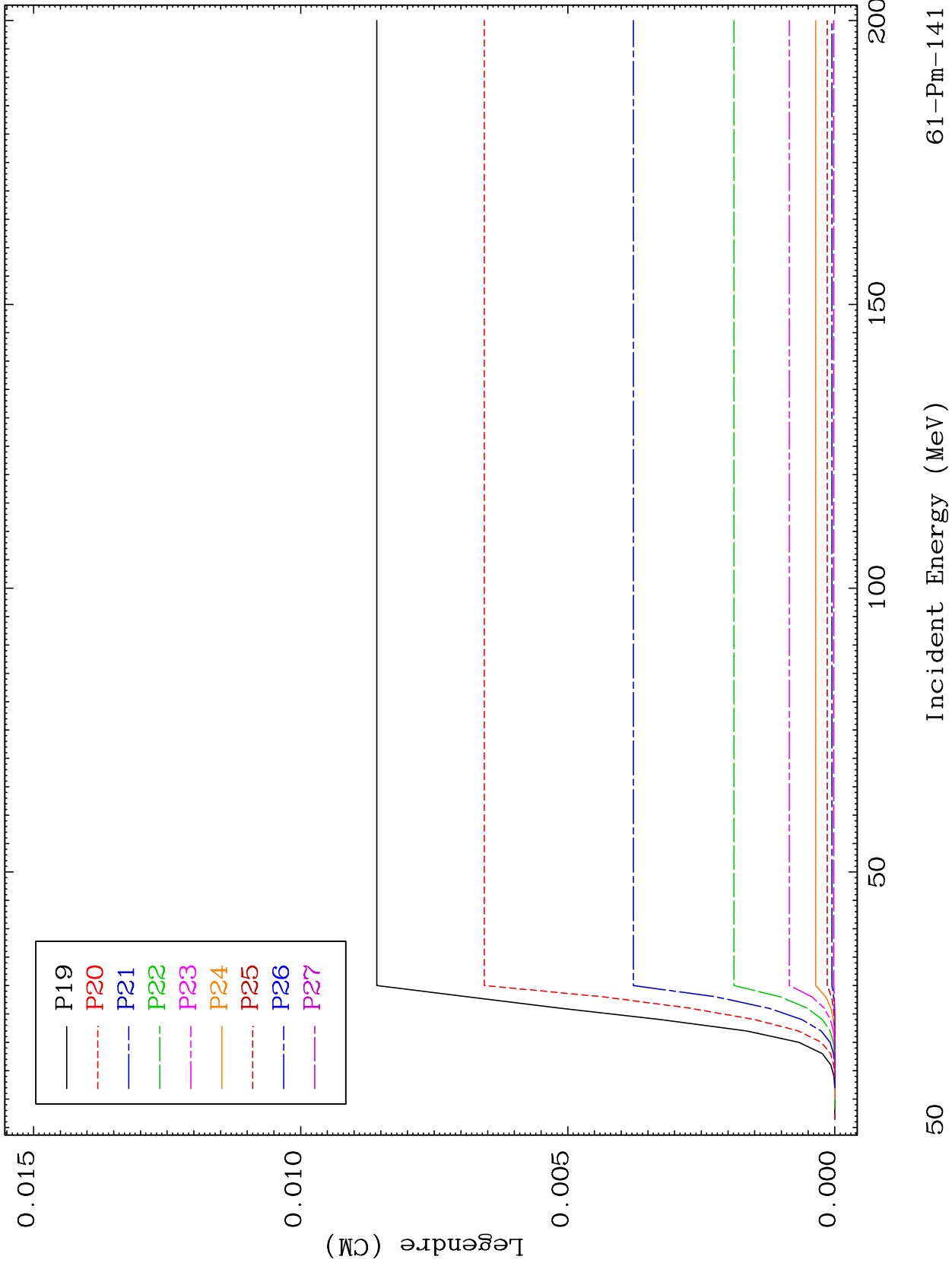
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



61-Pm-141

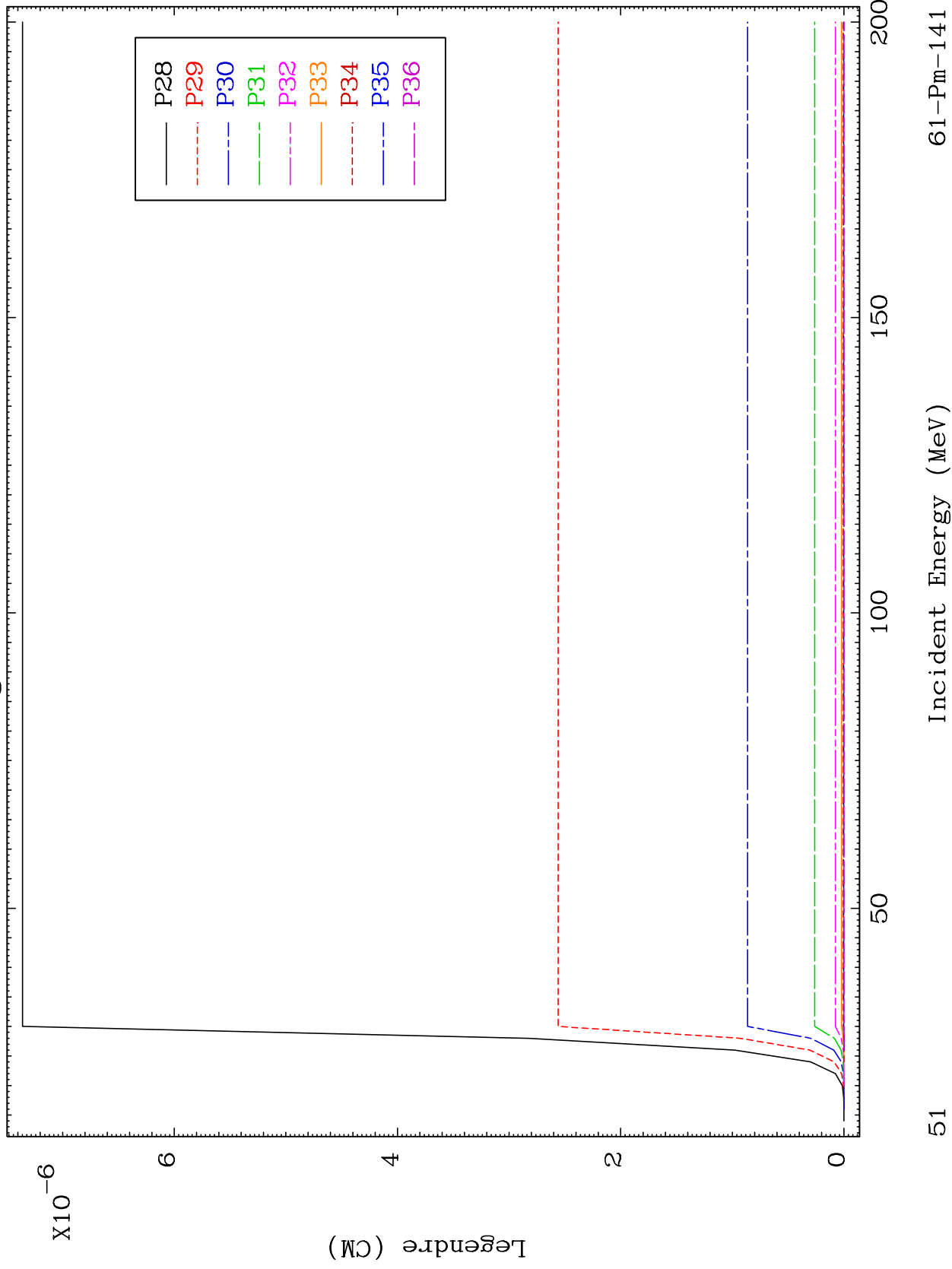
Incident Energy (MeV)

50

MAT 6131

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

61-Pm-141



51

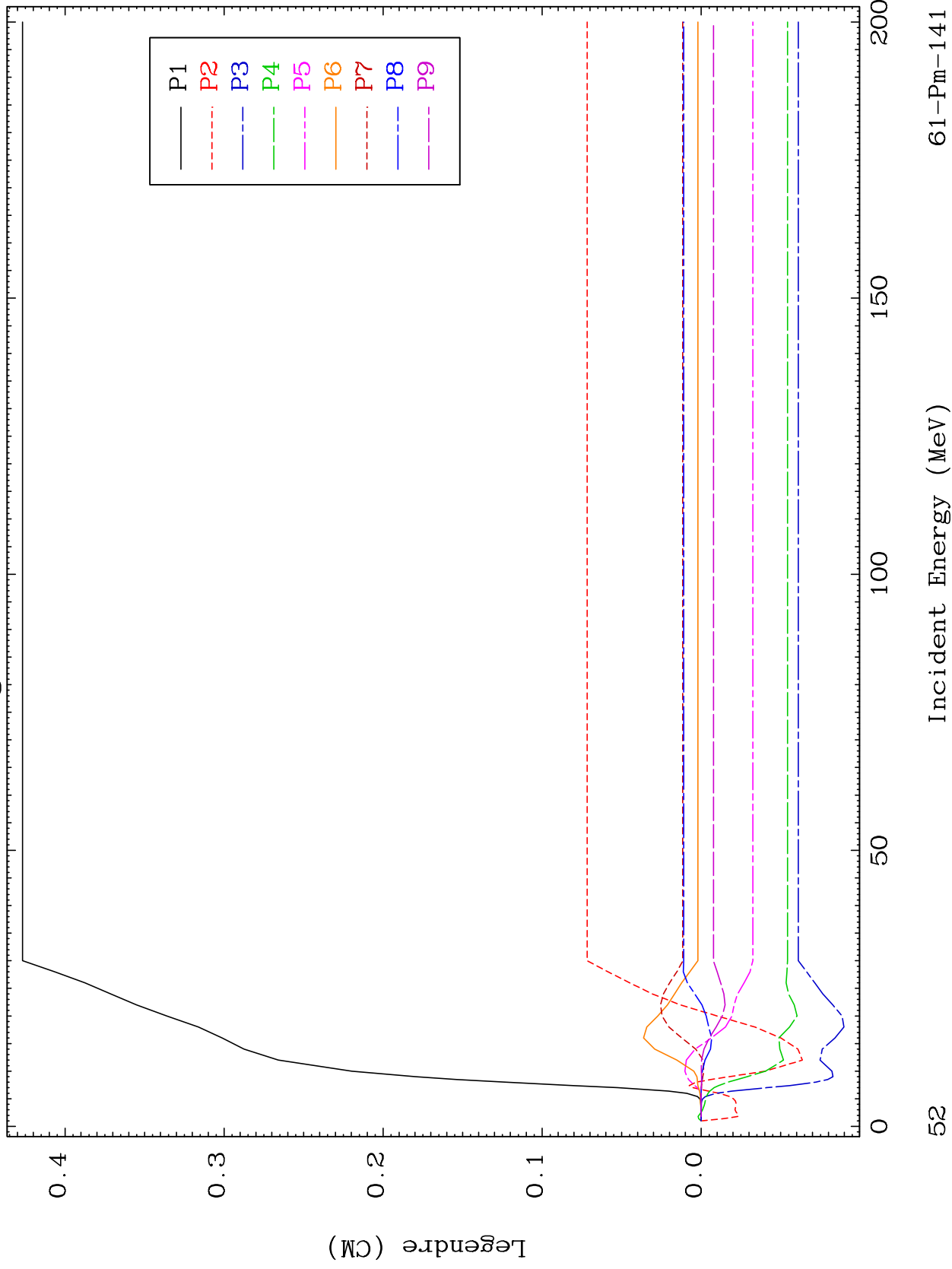
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

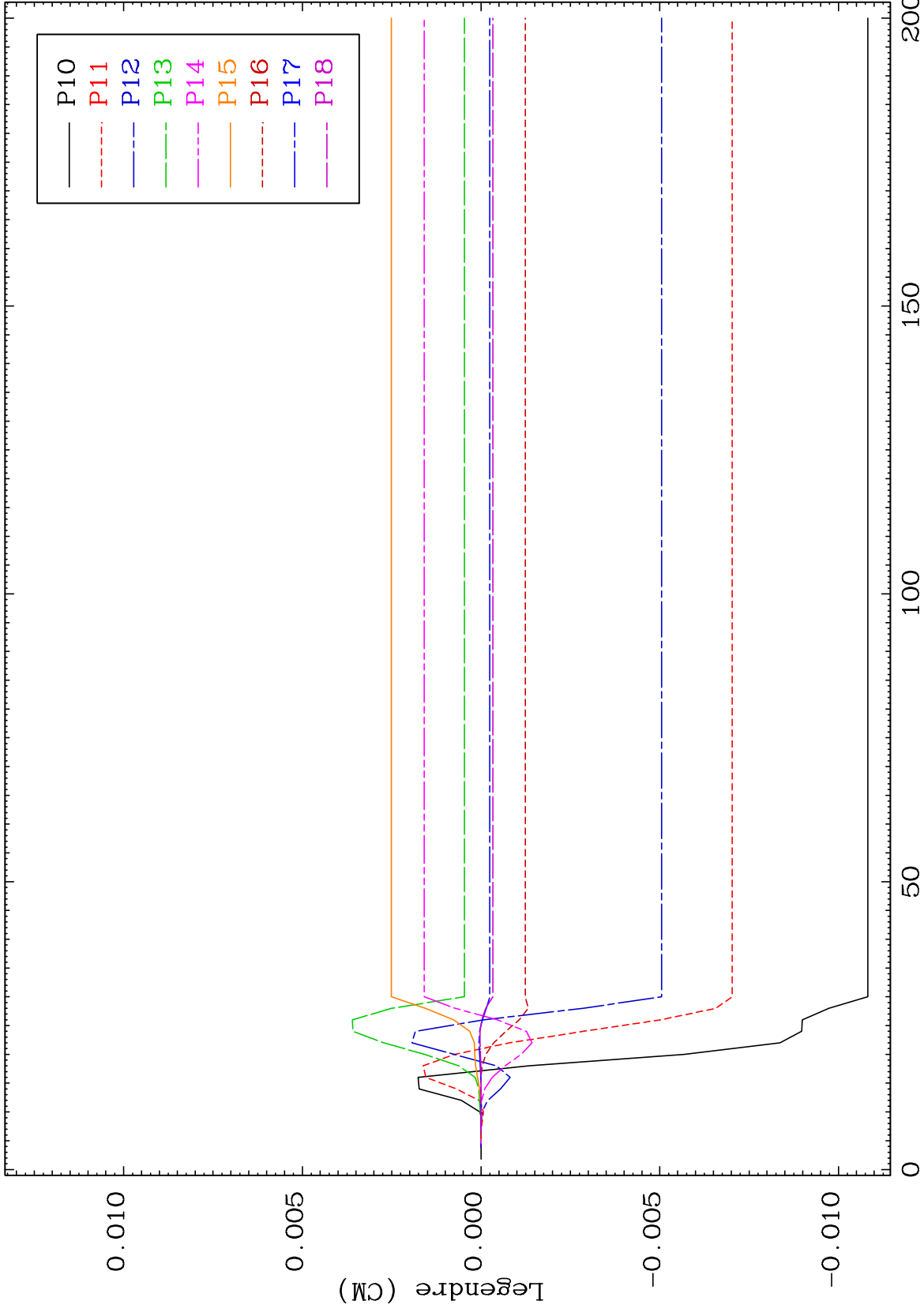
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MAT 6131

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

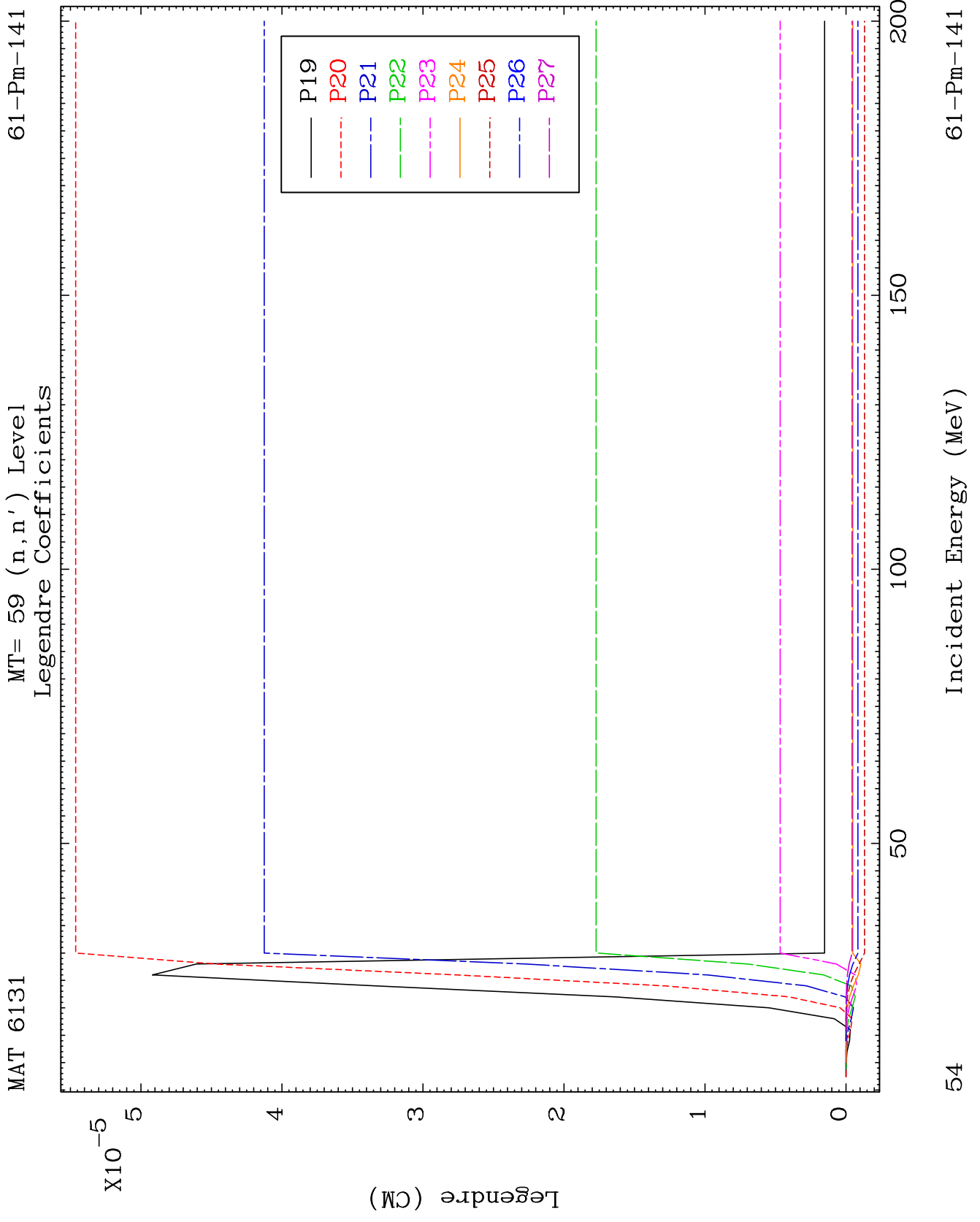
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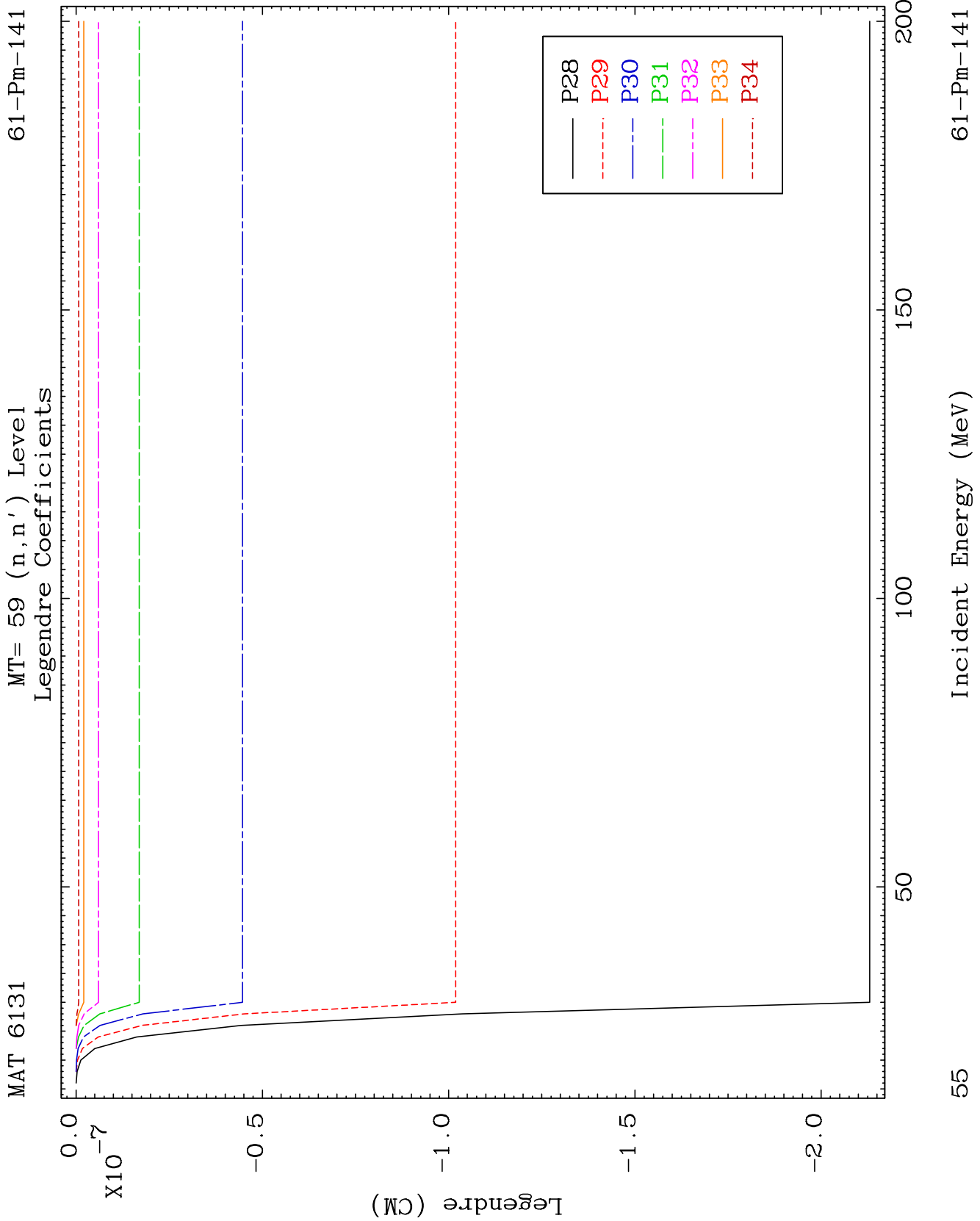


53

Incident Energy (MeV)

61-Pm-141

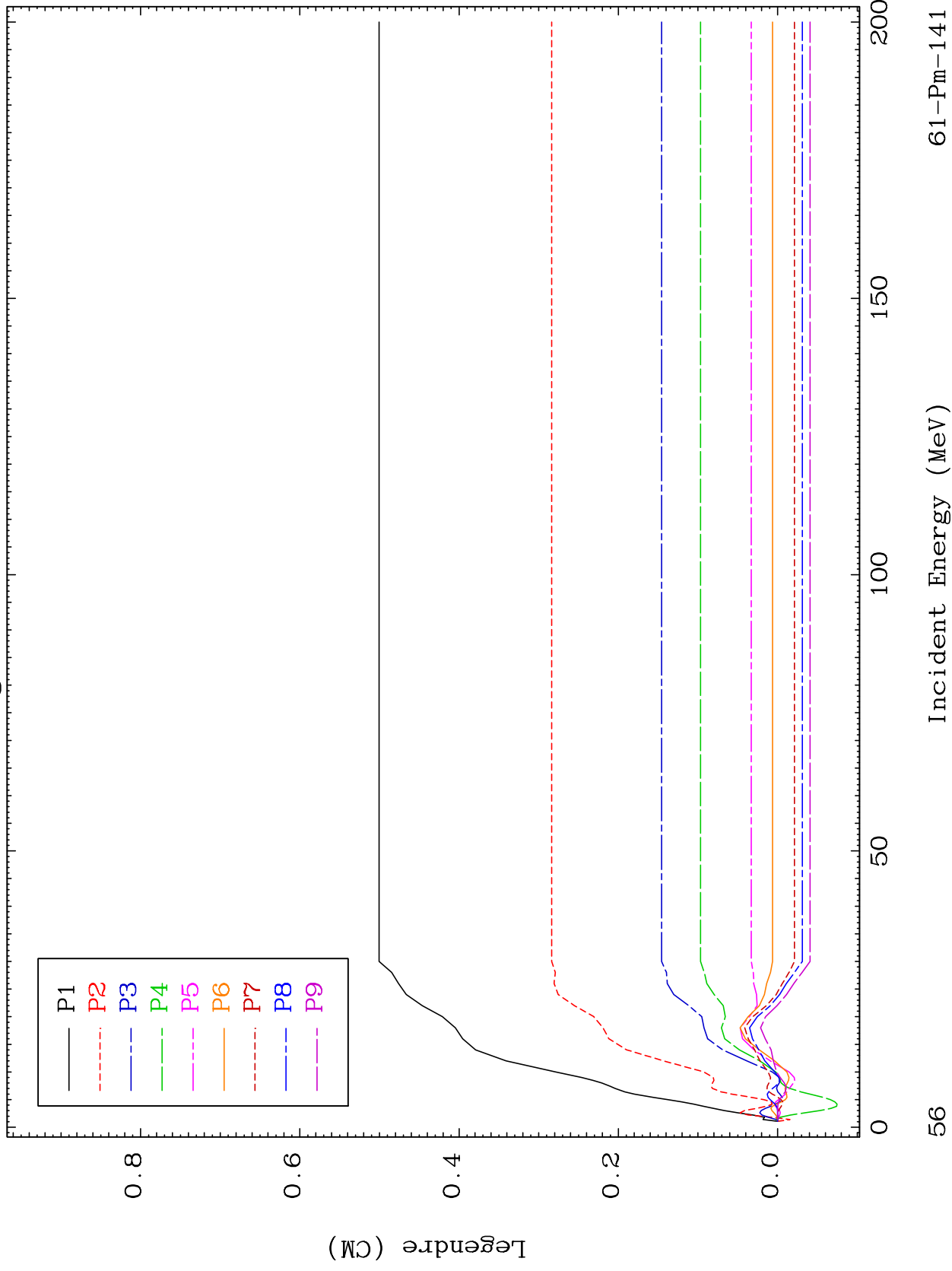




MAT 6131

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

61-Pm-141



61-Pm-141

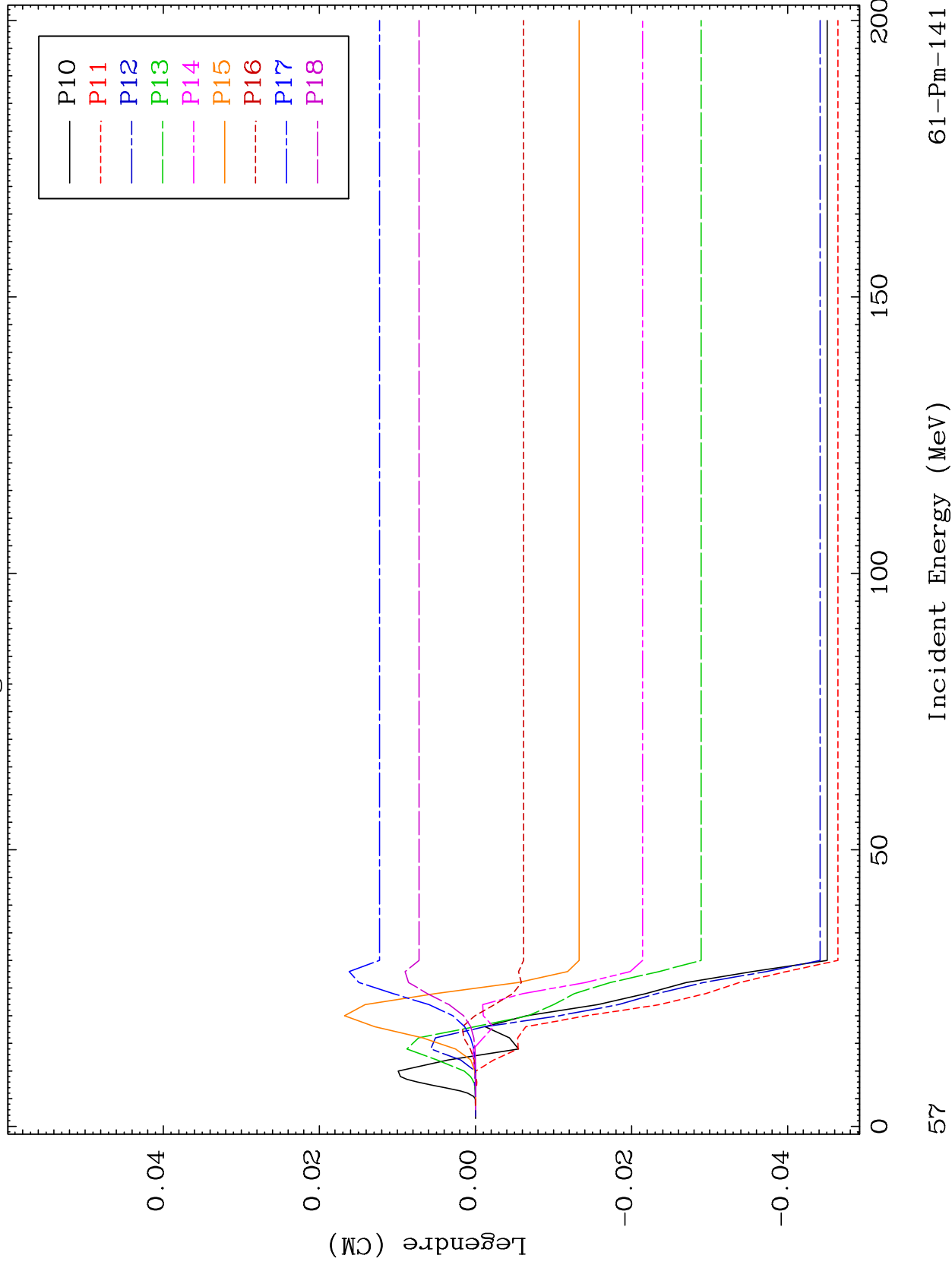
Incident Energy (MeV)

56

MAT 6131

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

61-Pm-141



57

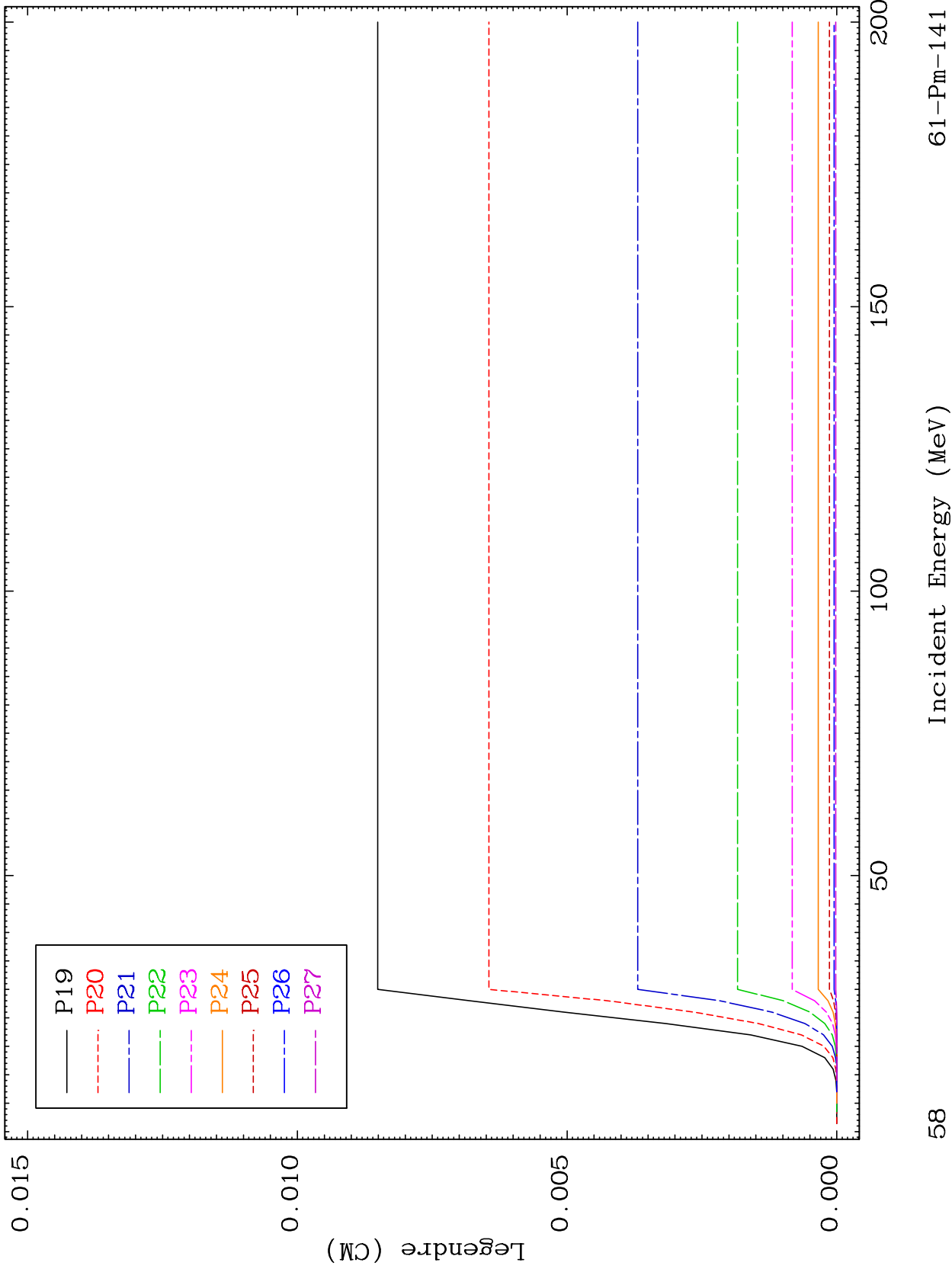
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



58

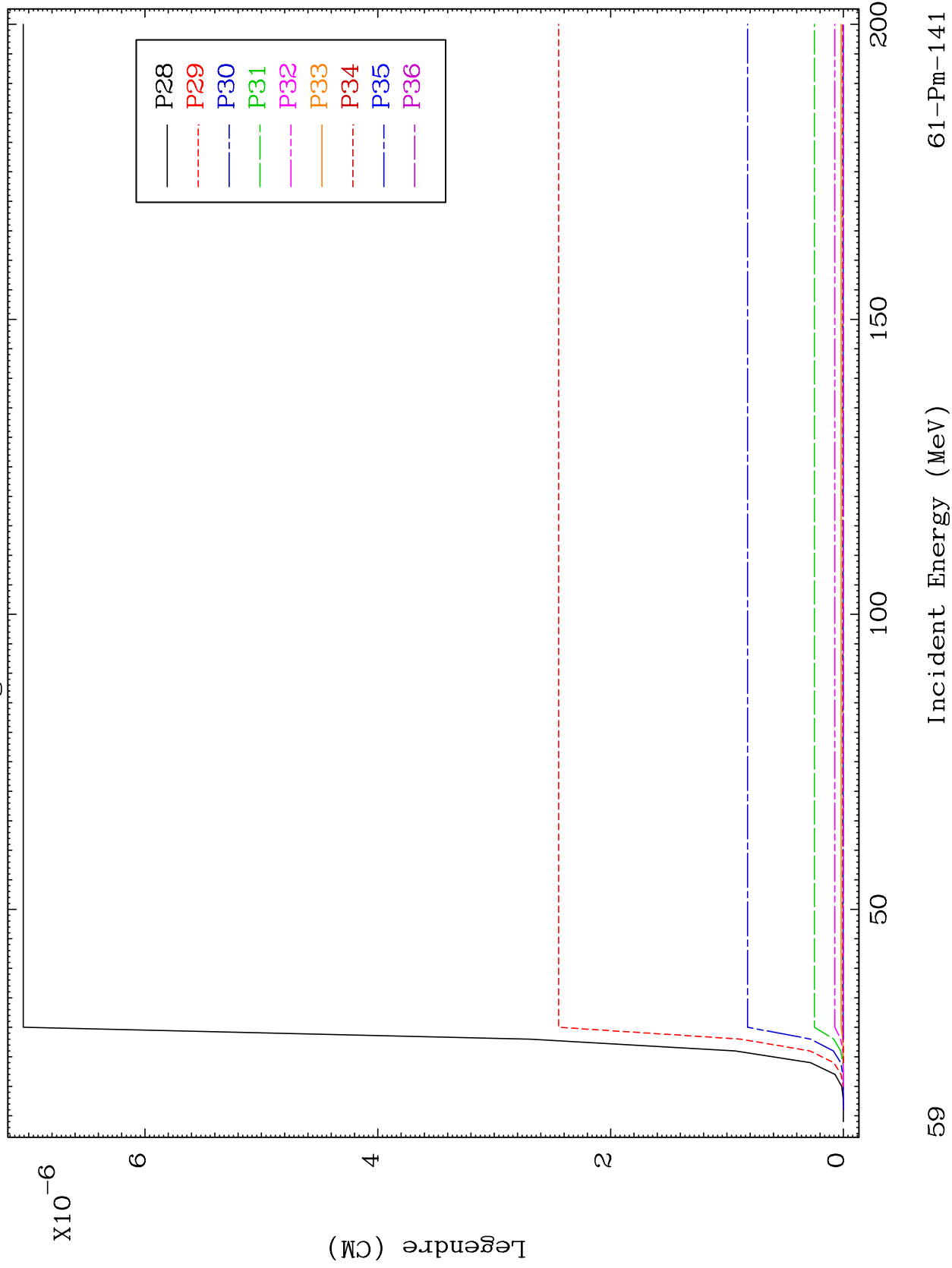
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



59

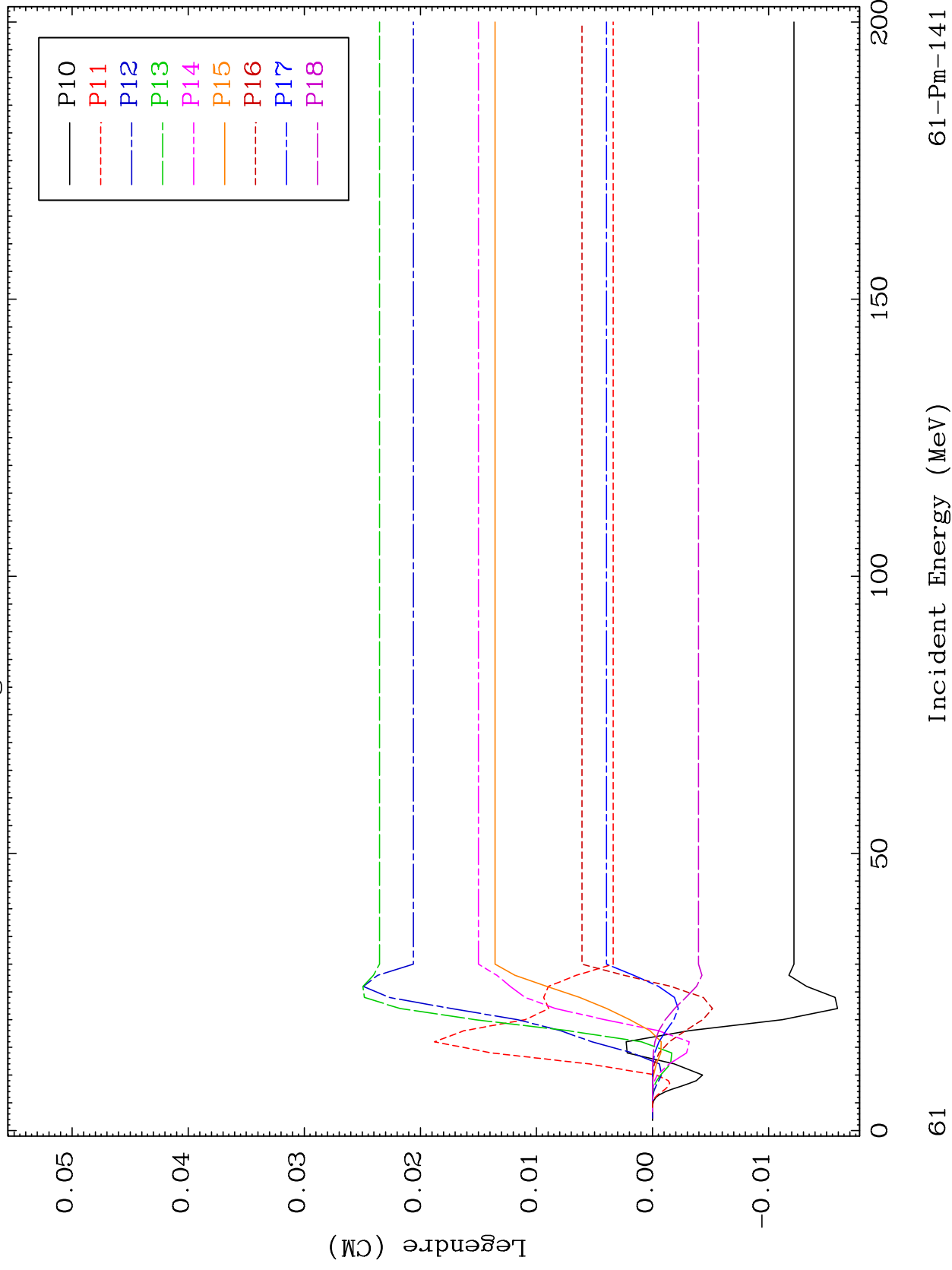
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



61-Pm-141

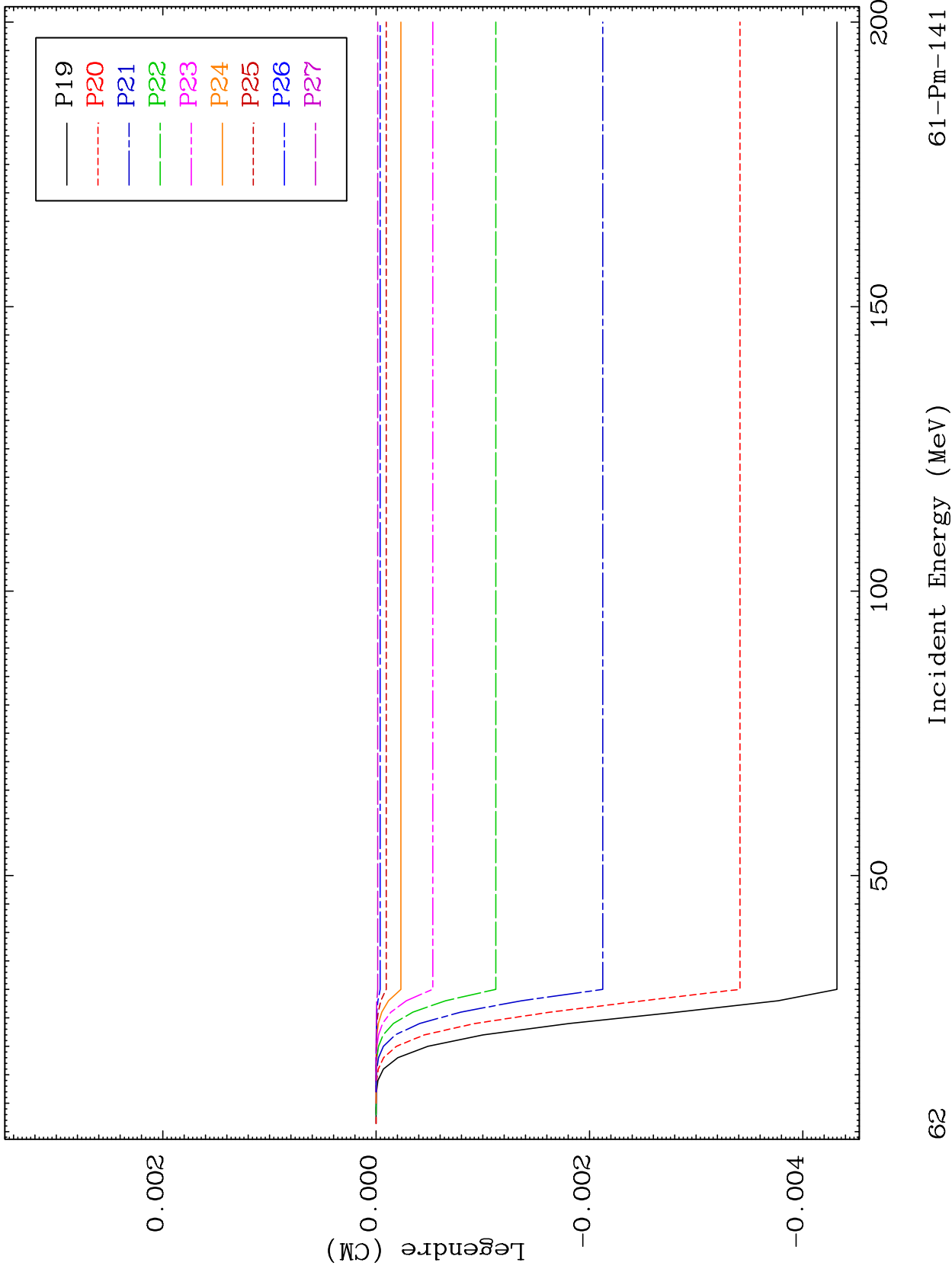
Incident Energy (MeV)

61

MAT 6131

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

61-Pm-141



62

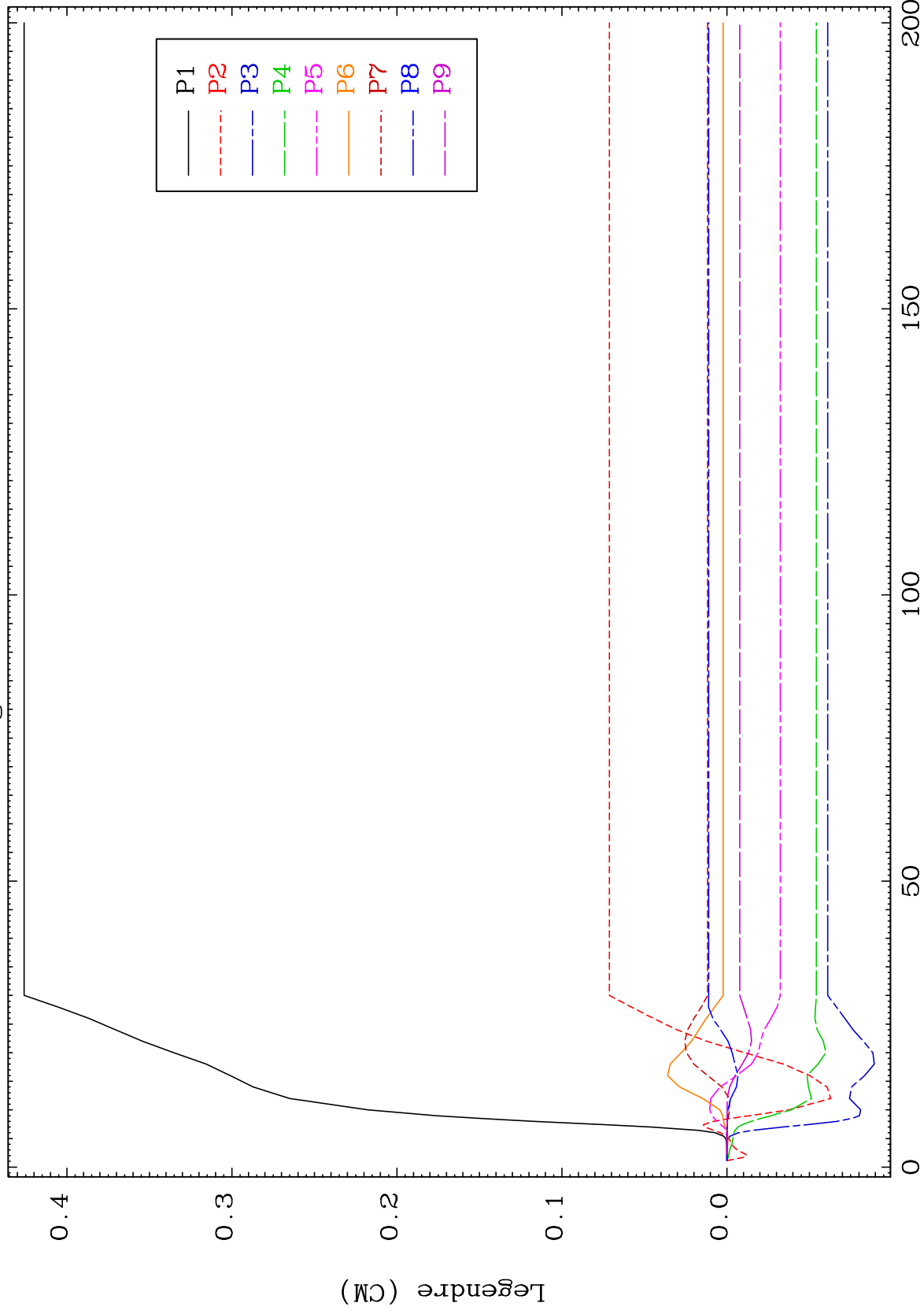
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



64

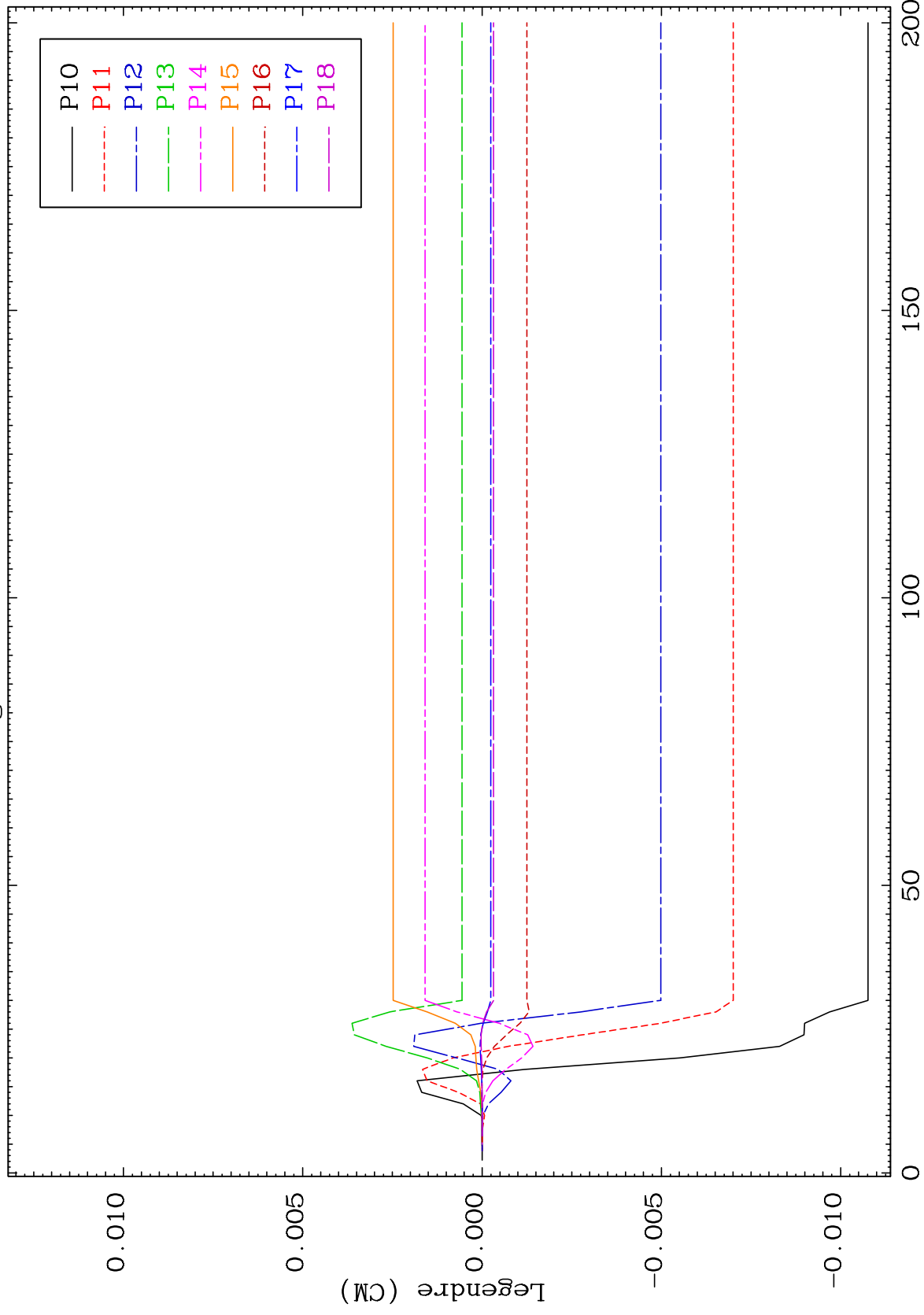
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

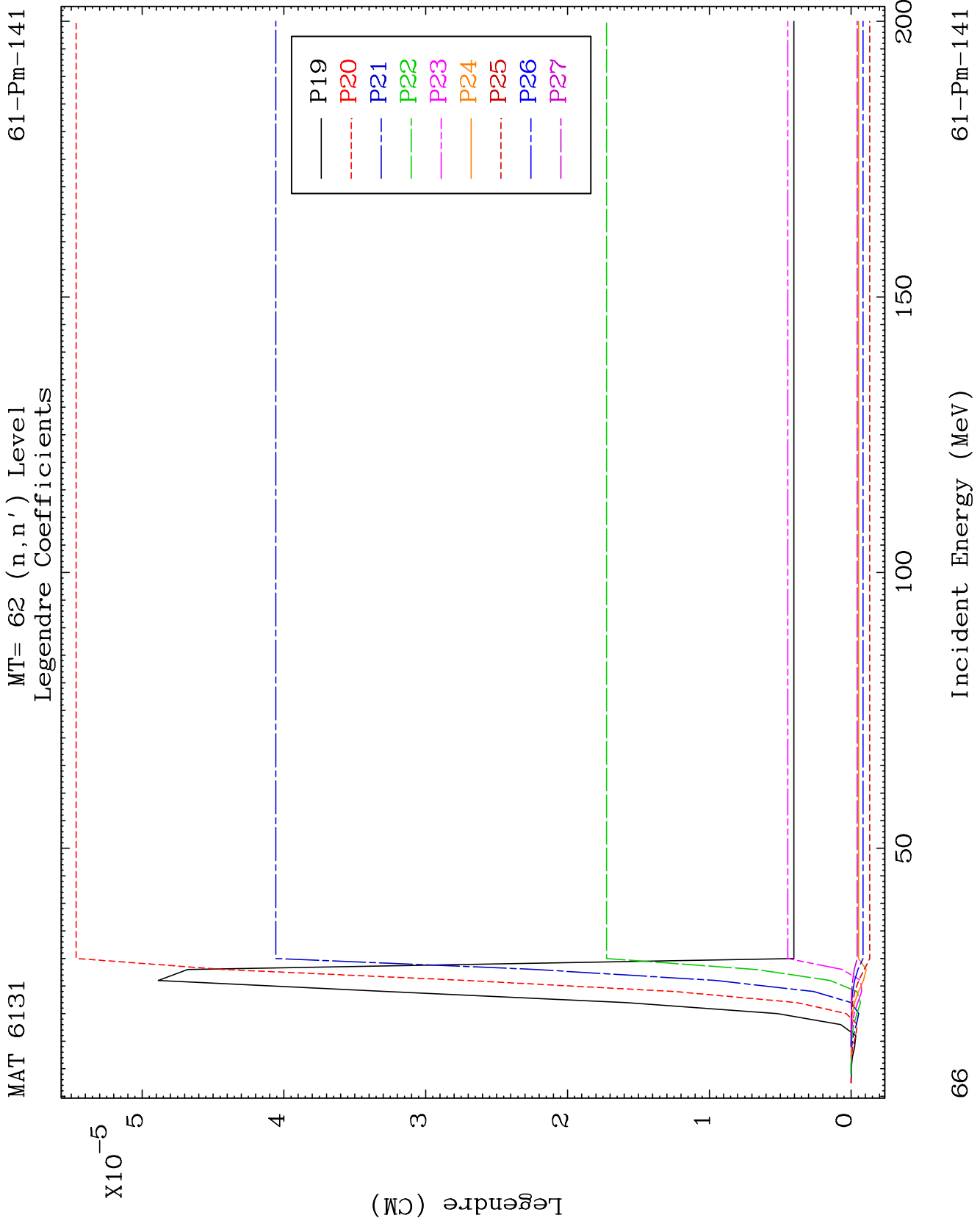
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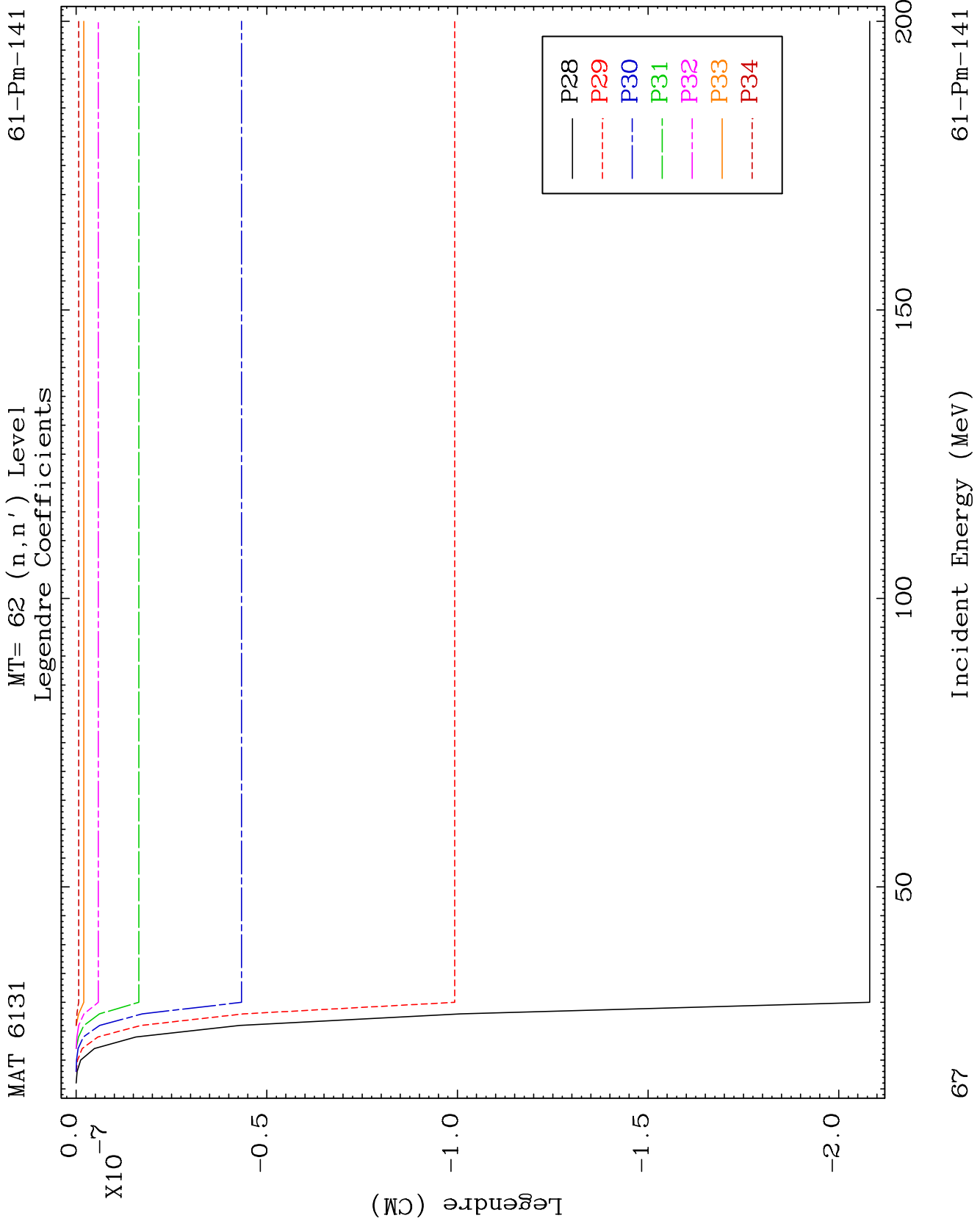


65

Incident Energy (MeV)

61-Pm-141

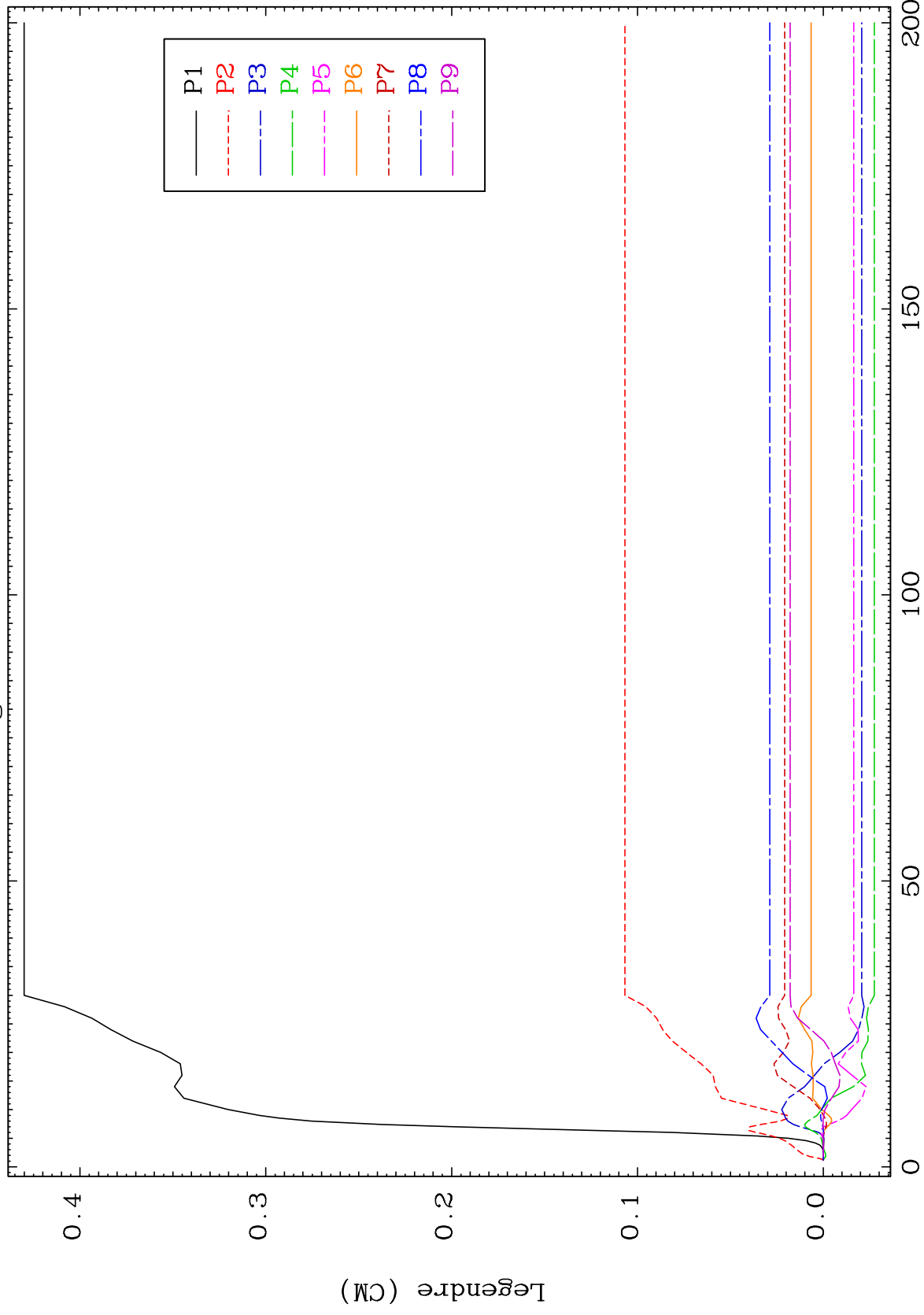




MAT 6131

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

61-Pm-141



68

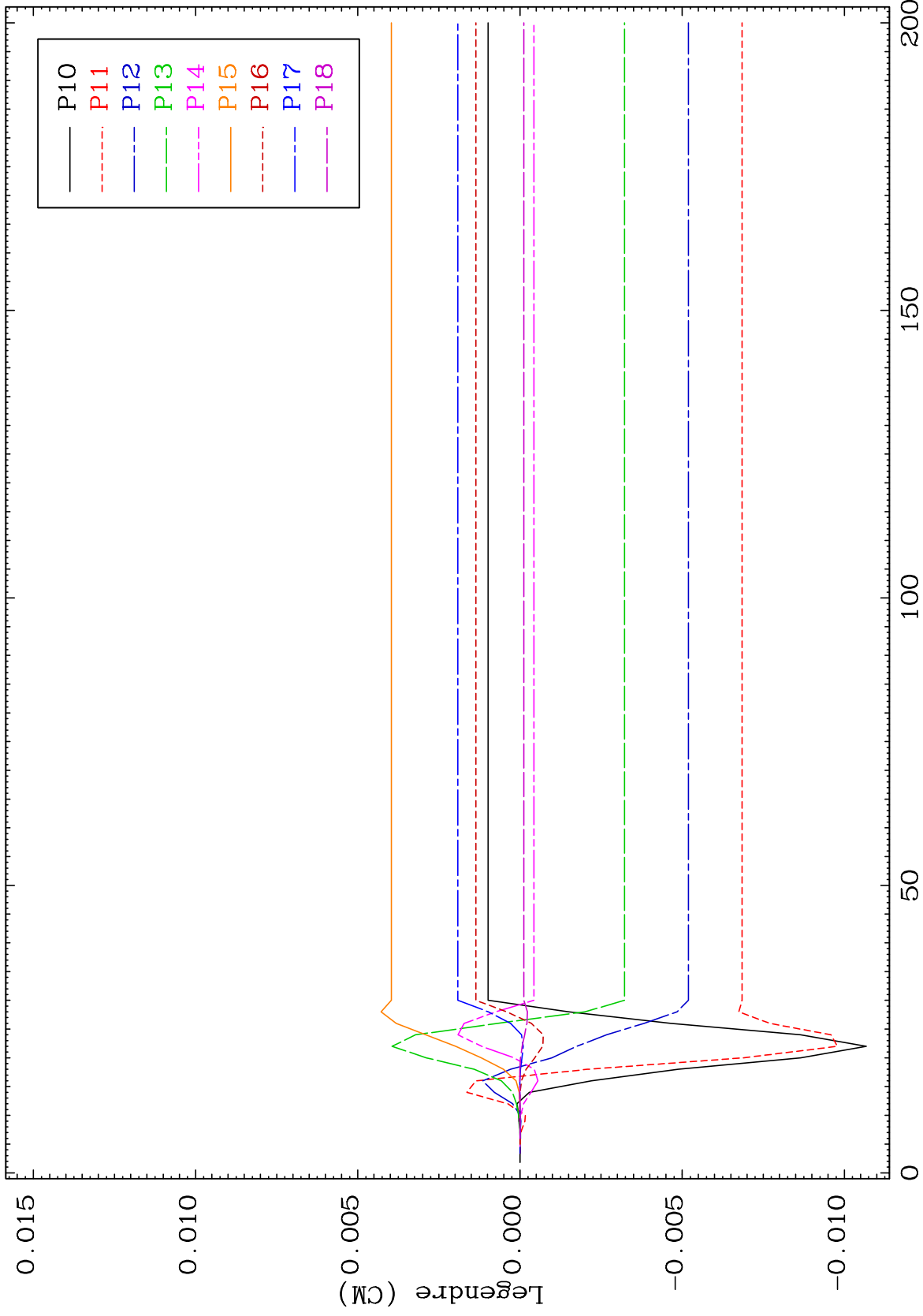
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

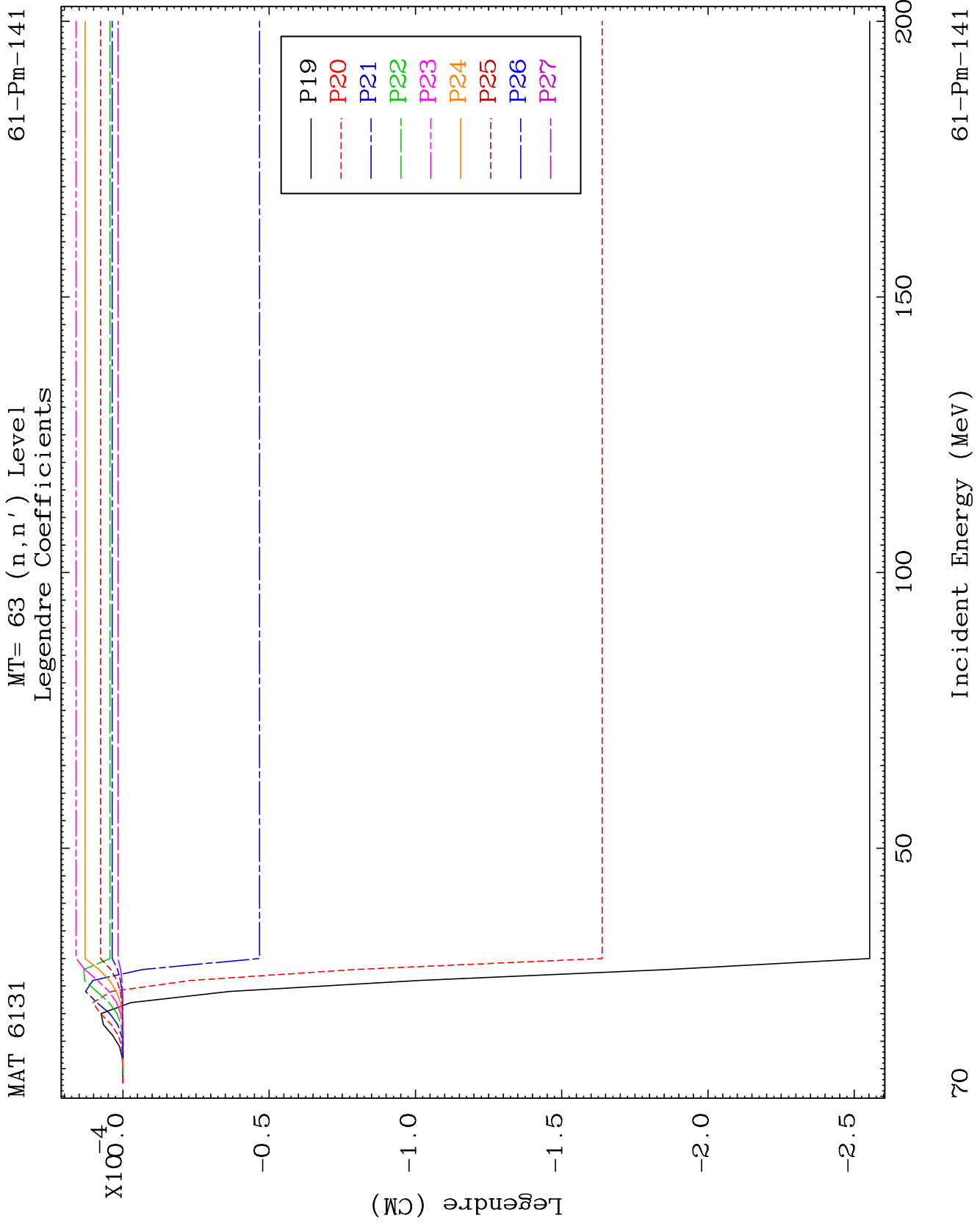
61-Pm-141



69

Incident Energy (MeV)

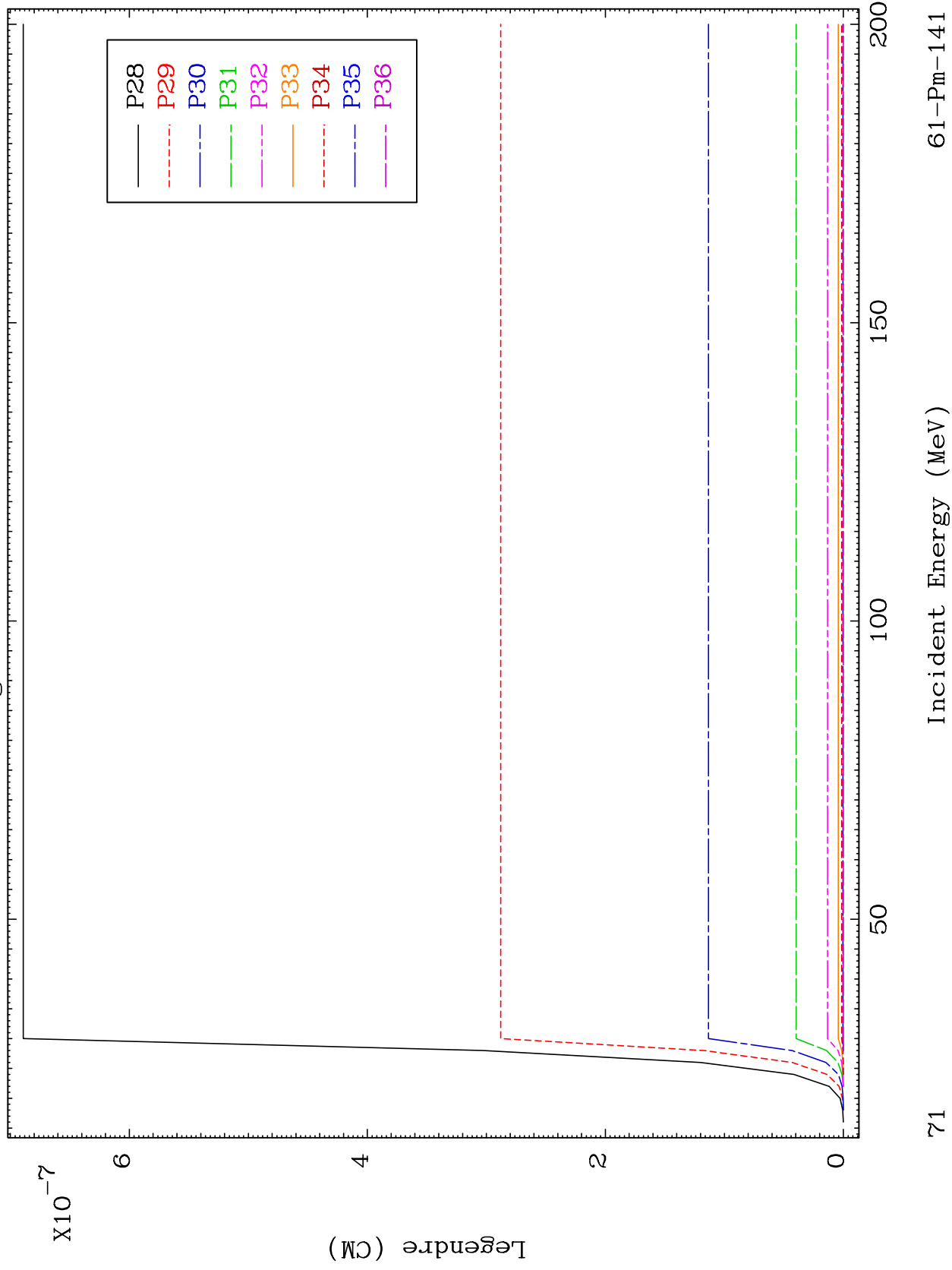
61-Pm-141



MAT 6131

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

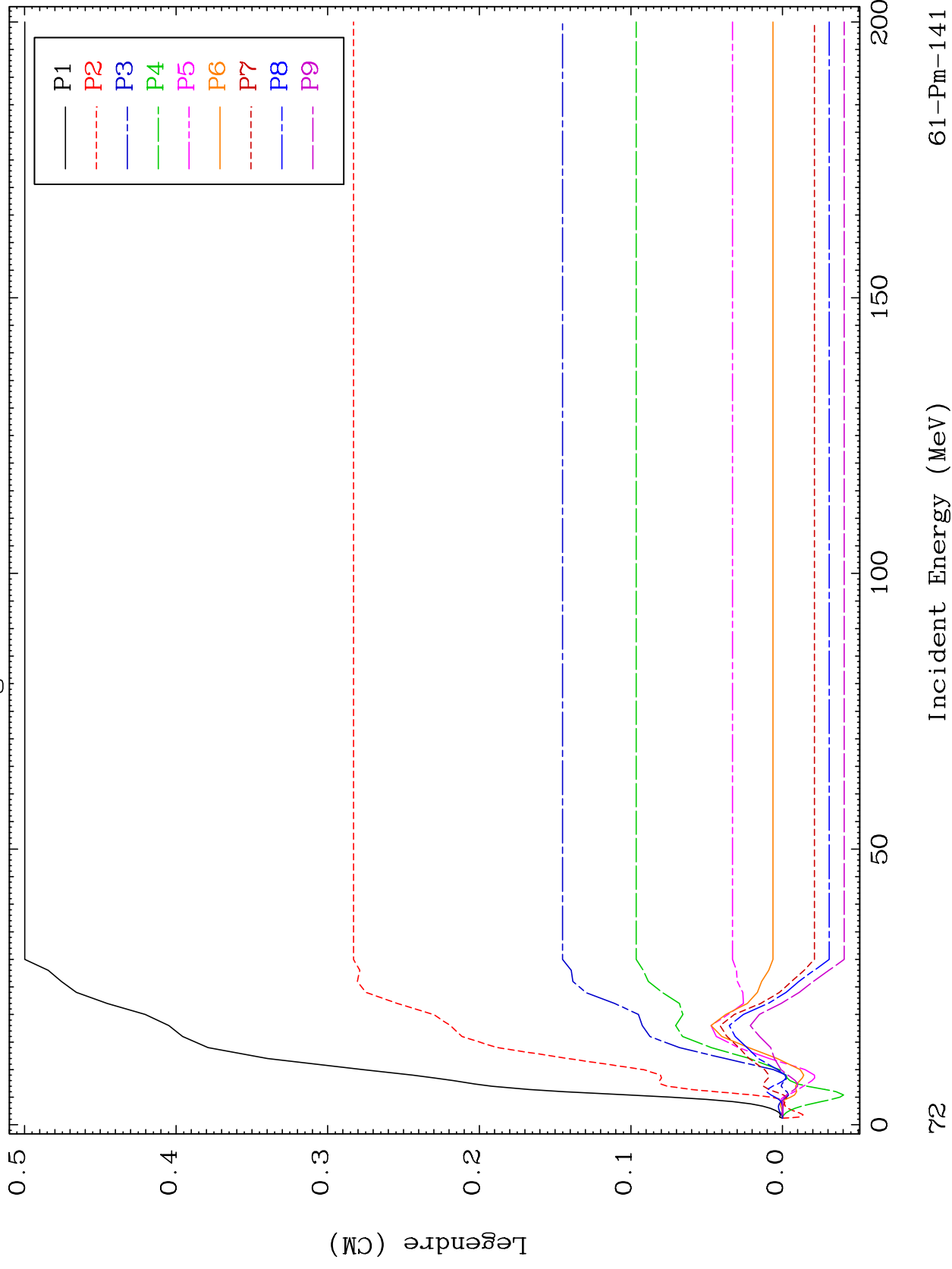
61-Pm-141



MAT 6131

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

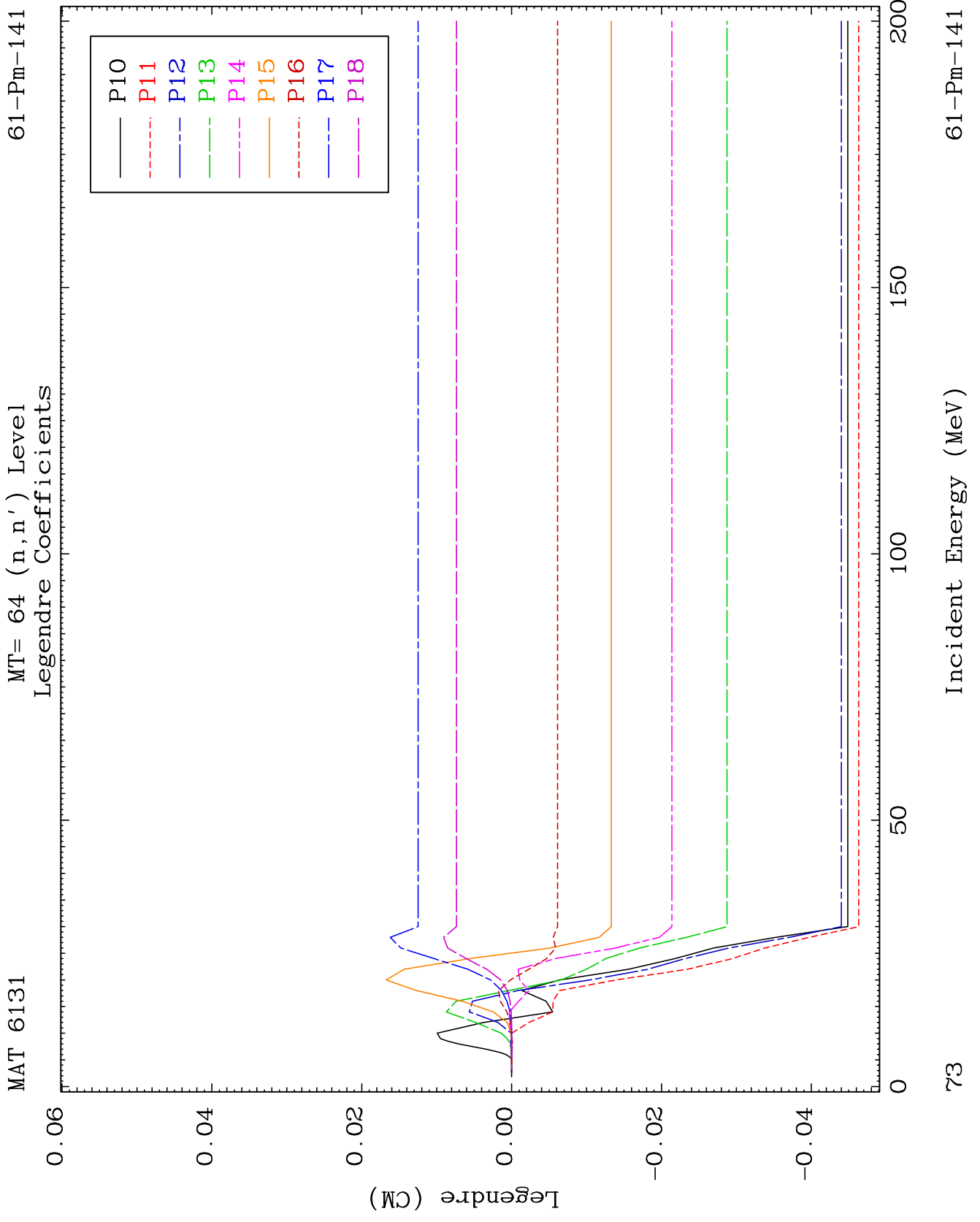
61-Pm-141



61-Pm-141

Incident Energy (MeV)

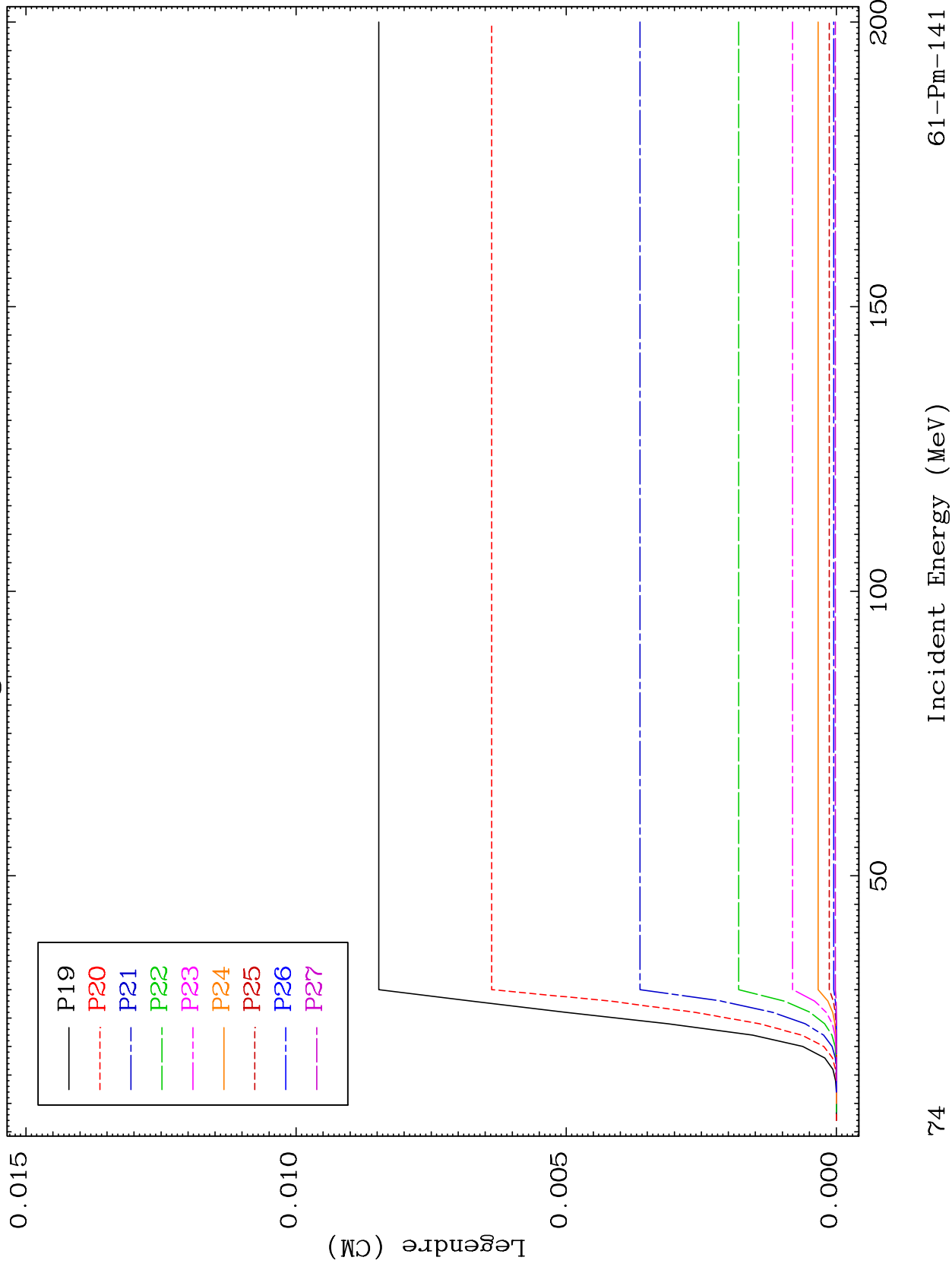
72



MAT 6131

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

61-Pm-141



74

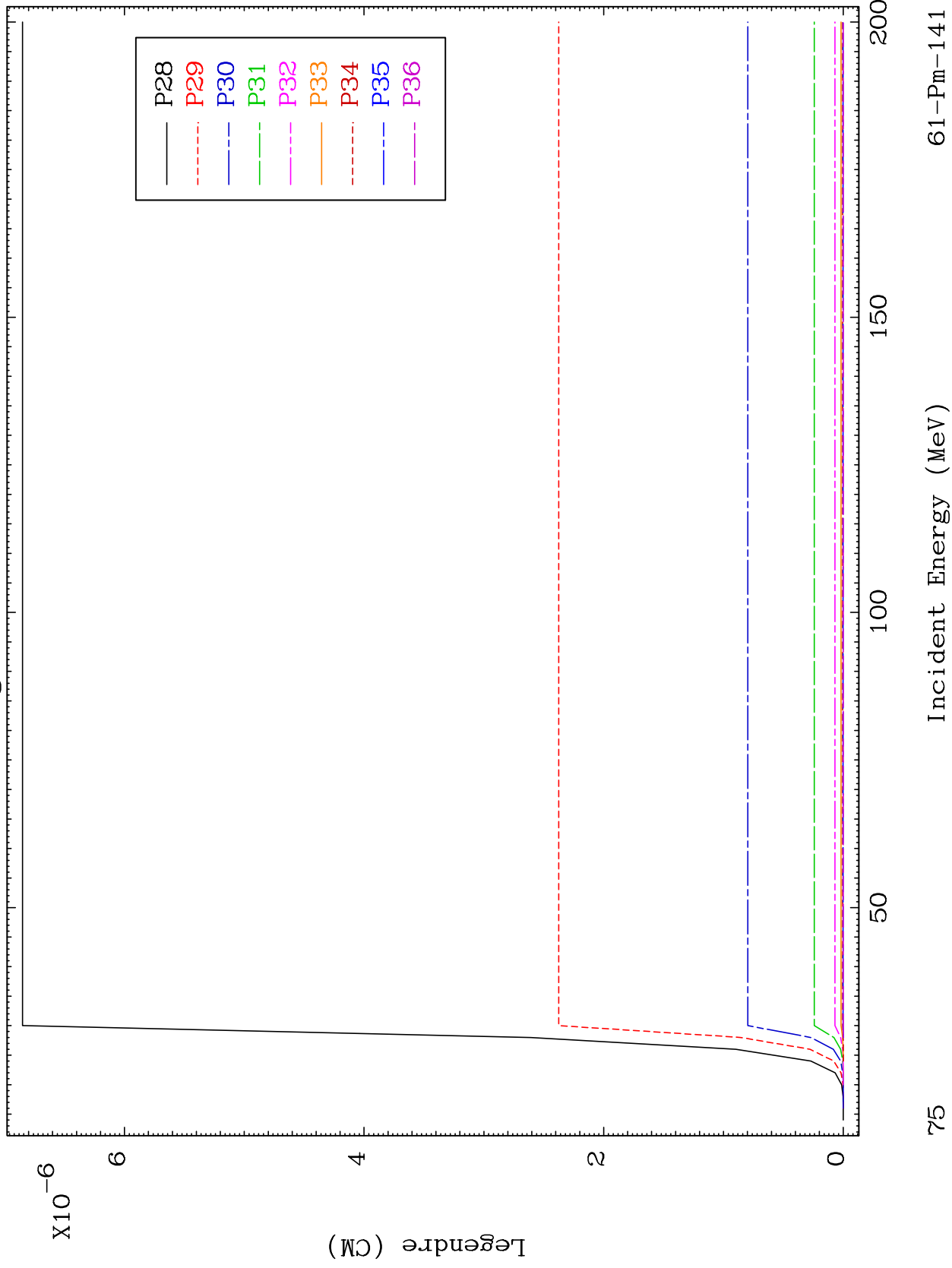
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



75

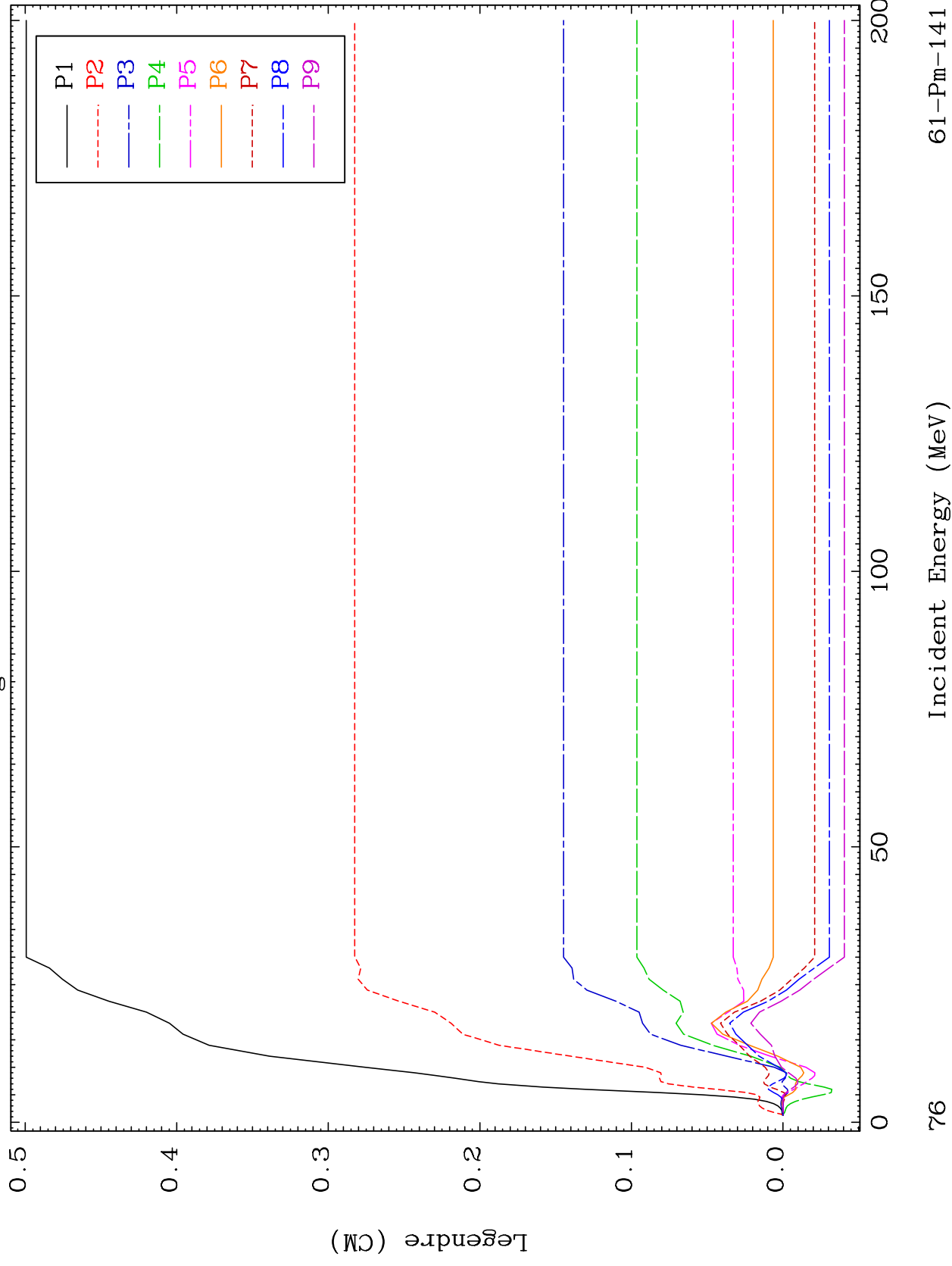
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

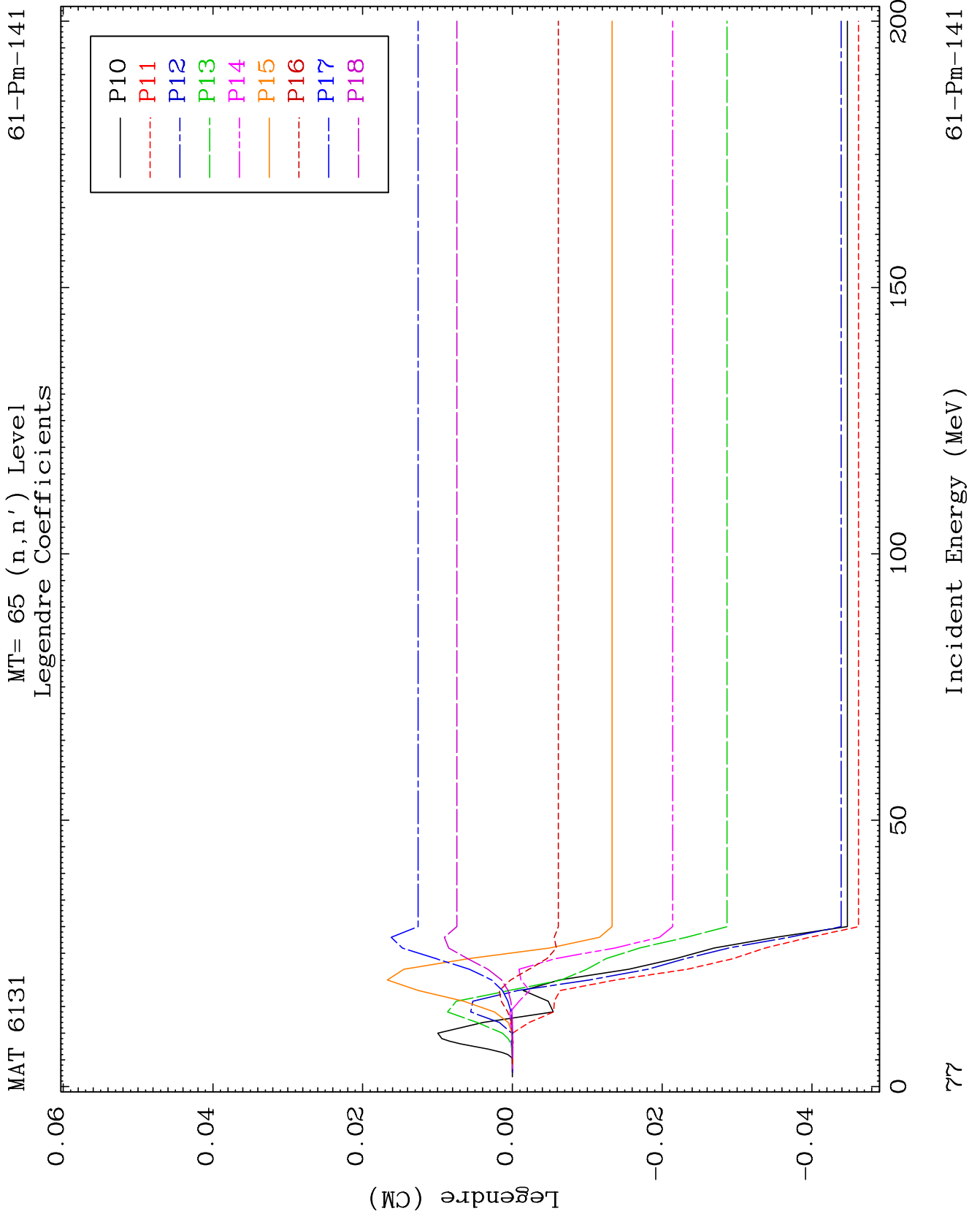
61-Pm-141



61-Pm-141

Incident Energy (MeV)

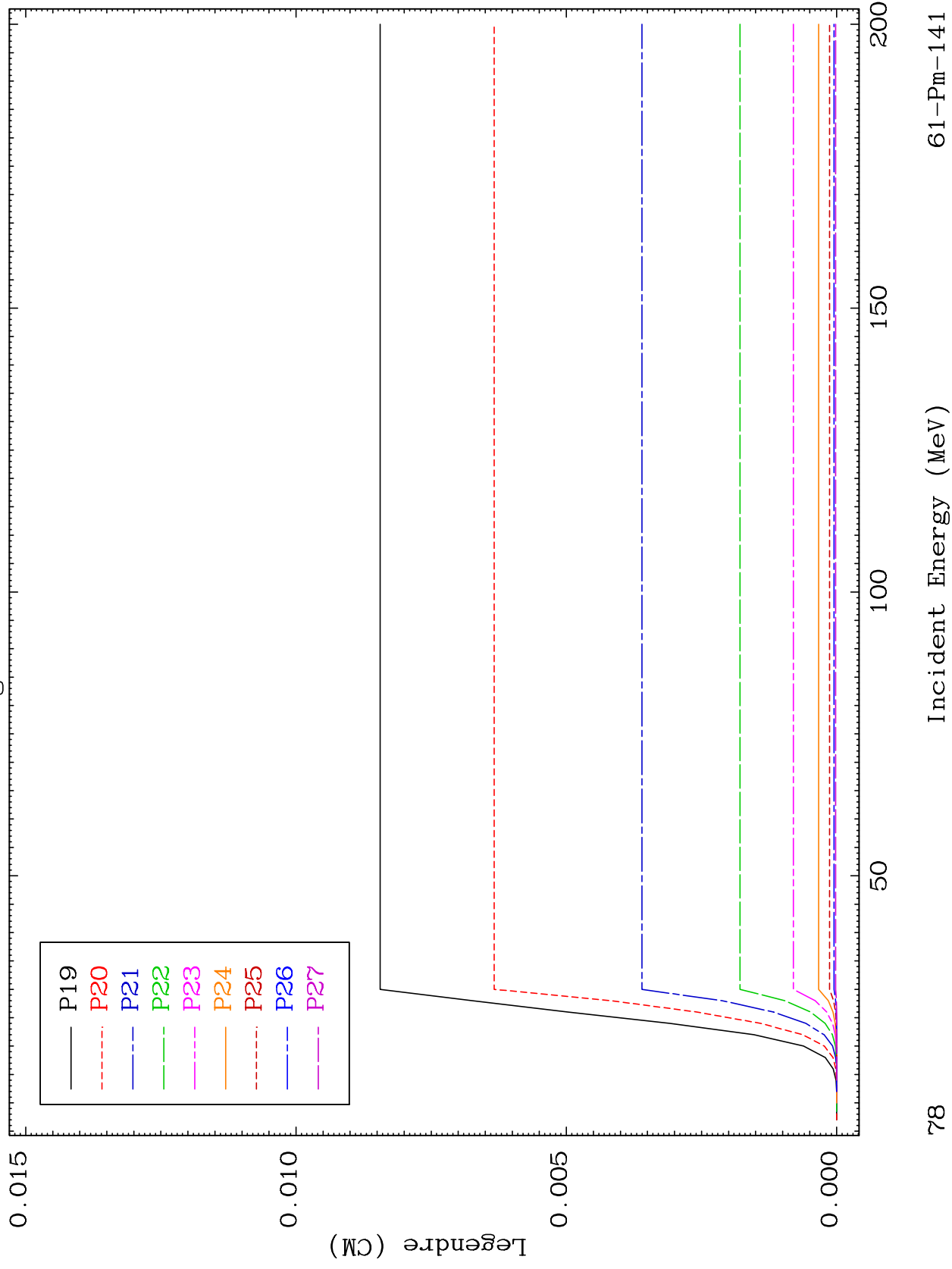
76



MAT 6131

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

61-Pm-141



78

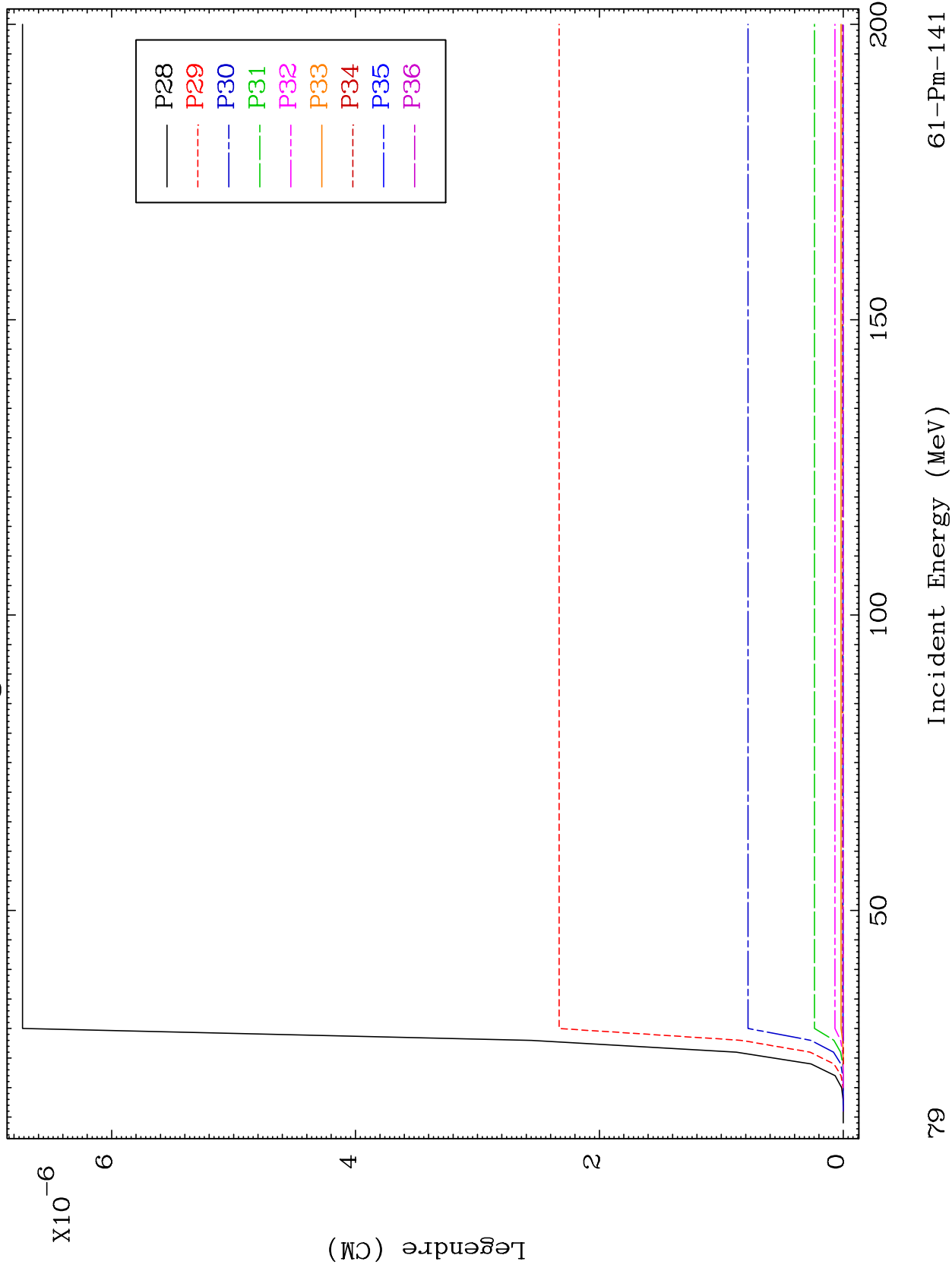
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

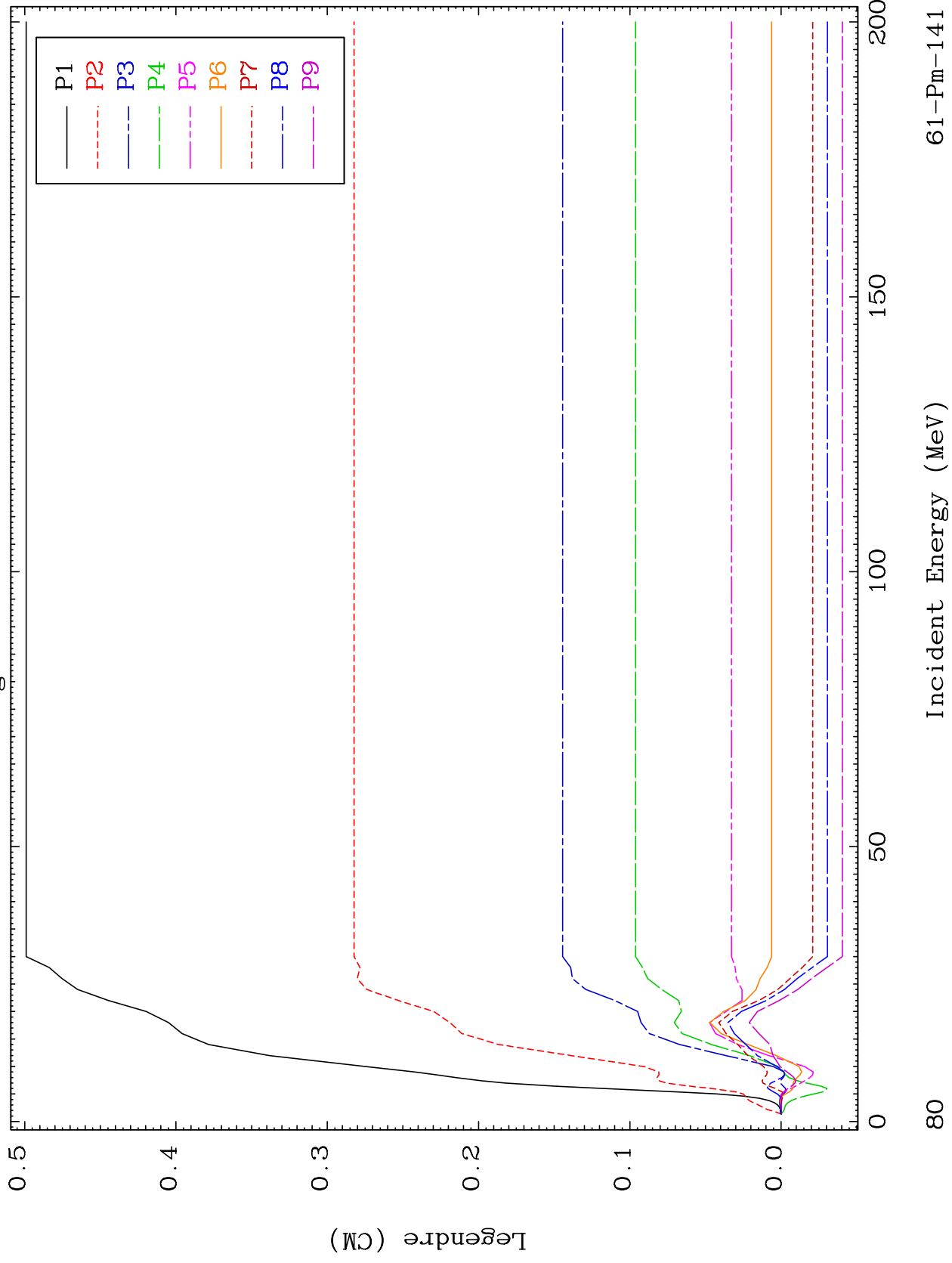
61-Pm-141



MAT 6131

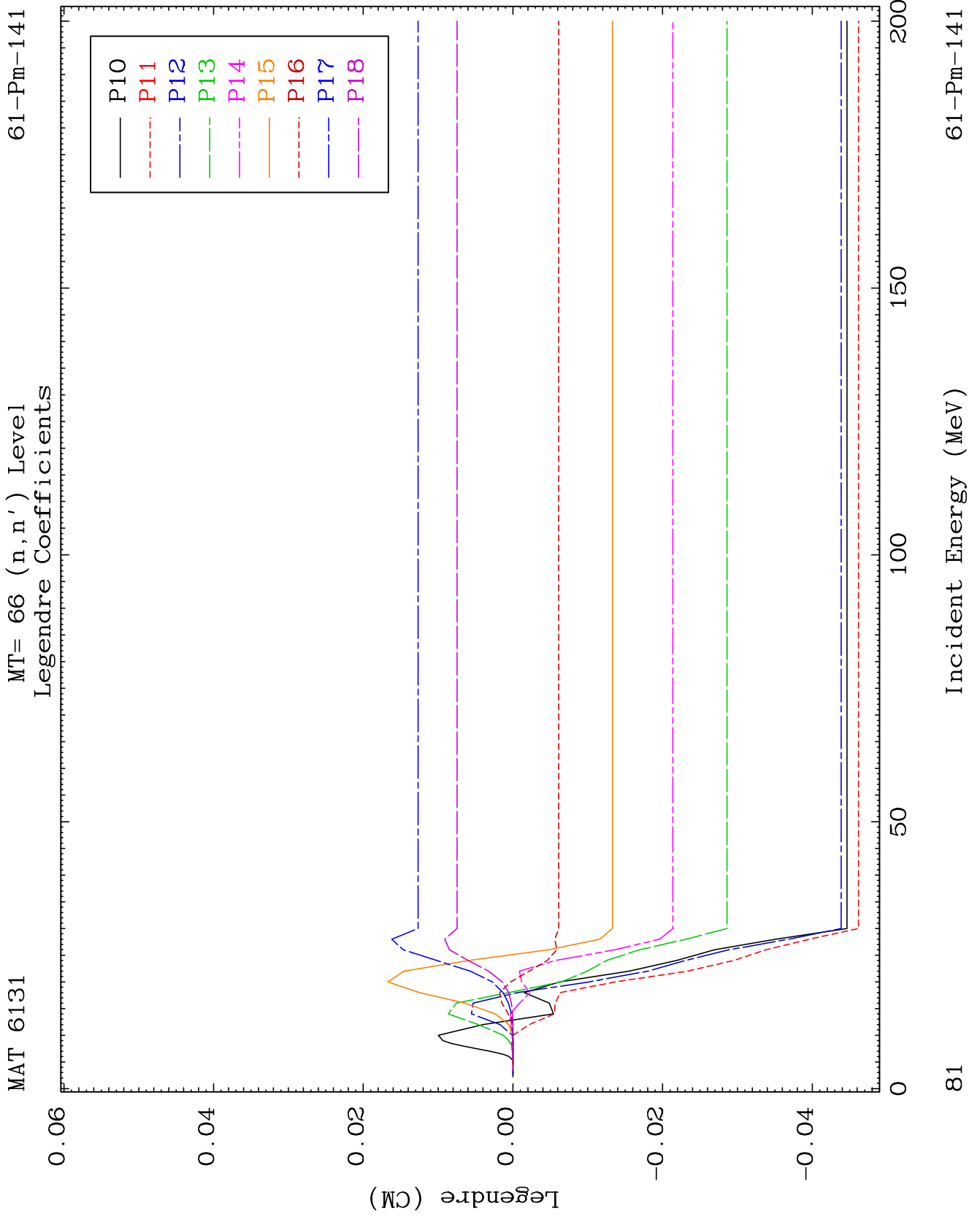
MT= 66 (n,n') Level
Legendre Coefficients

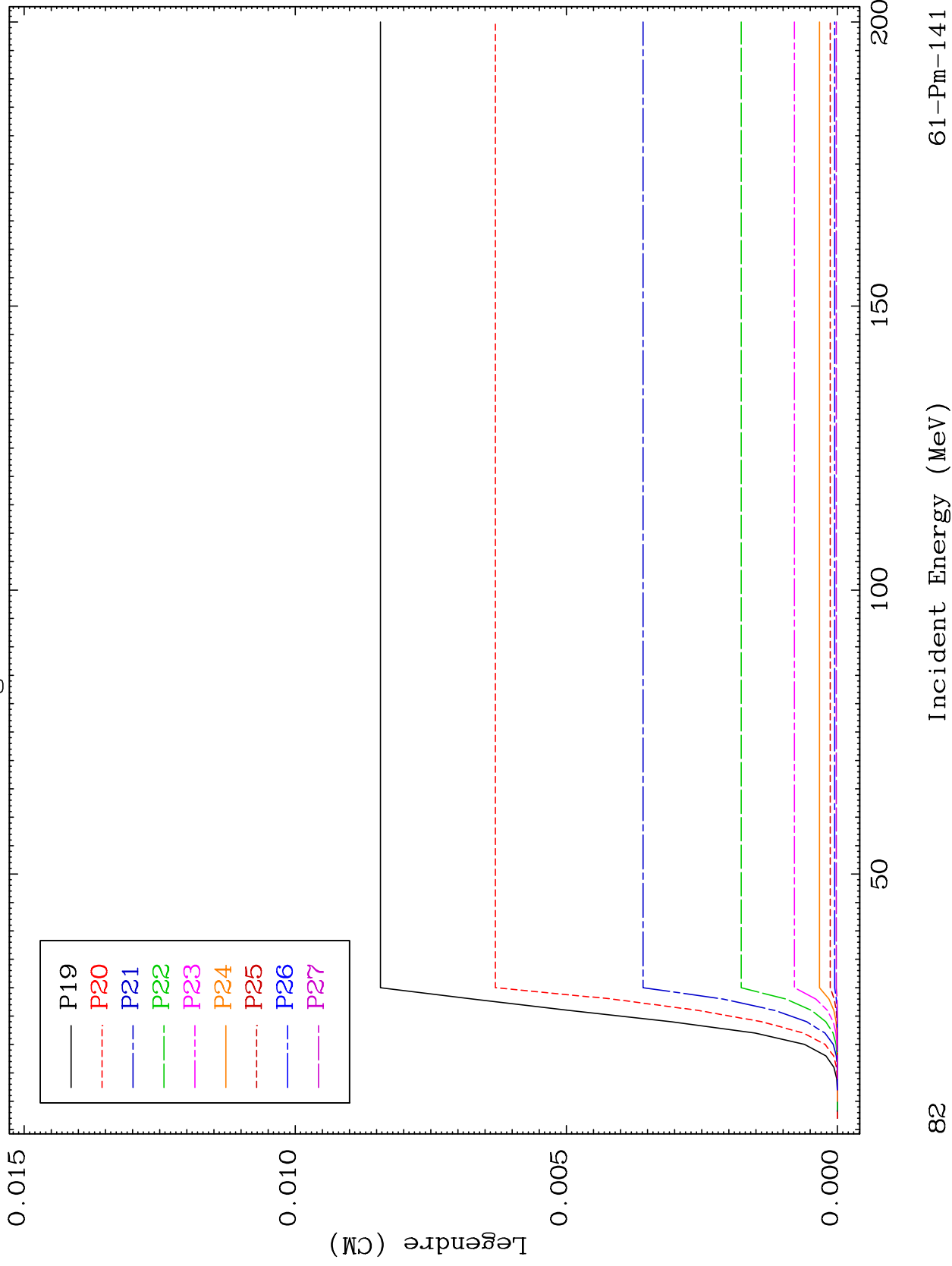
61-Pm-141



61-Pm-141

Incident Energy (MeV)

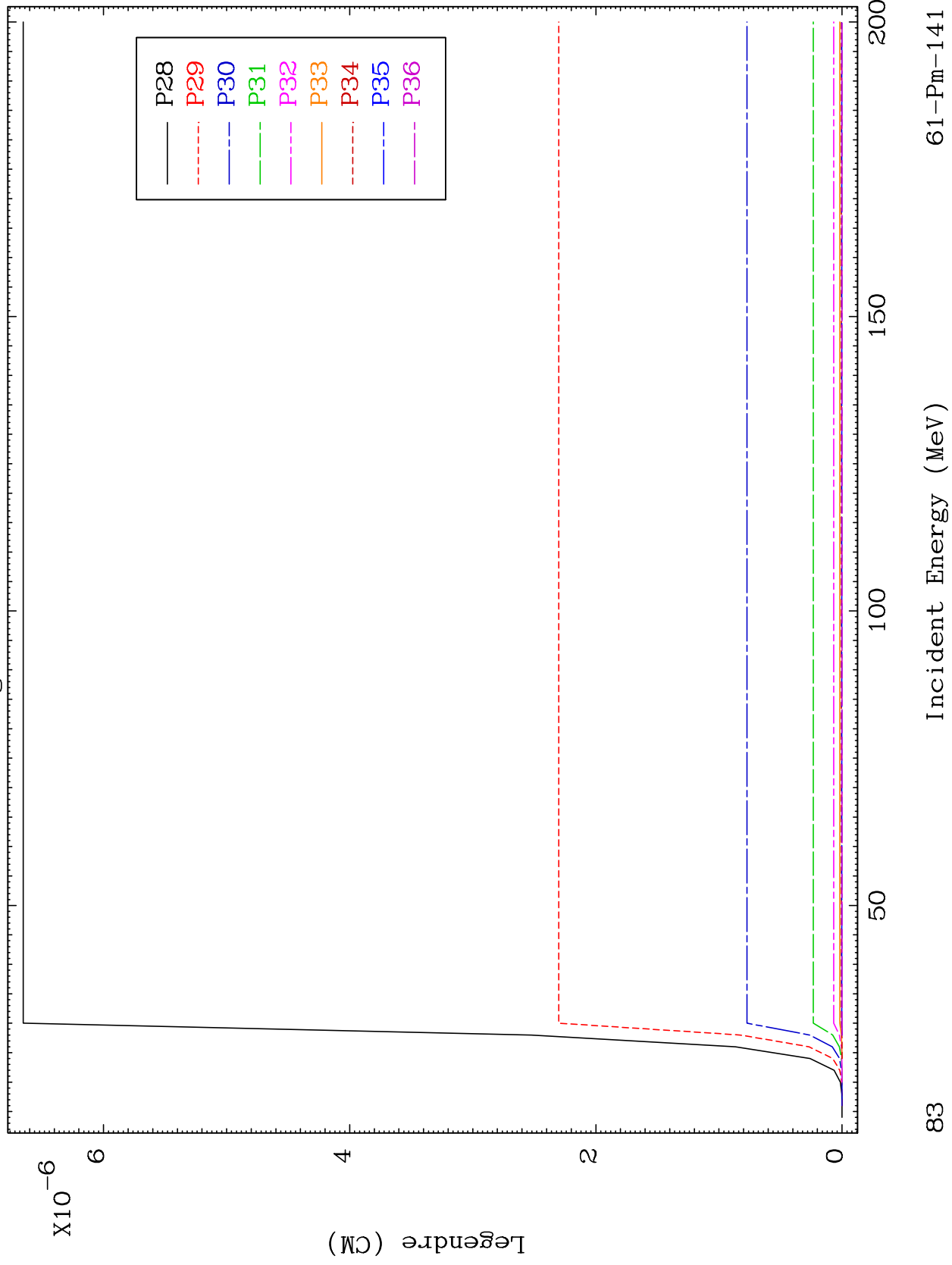




MAT 6131

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

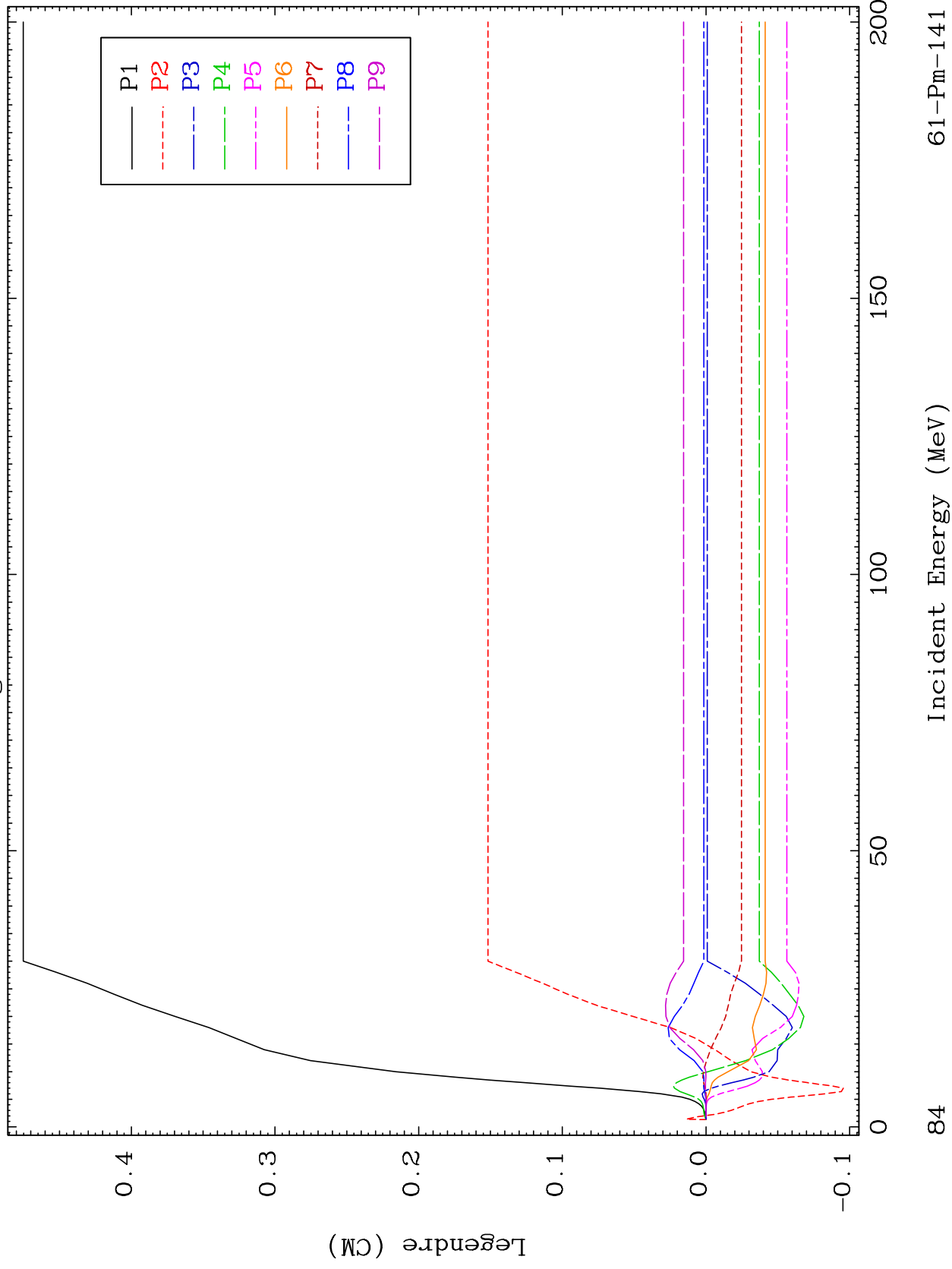
61-Pm-141



MAT 6131

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

61-Pm-141



61-Pm-141

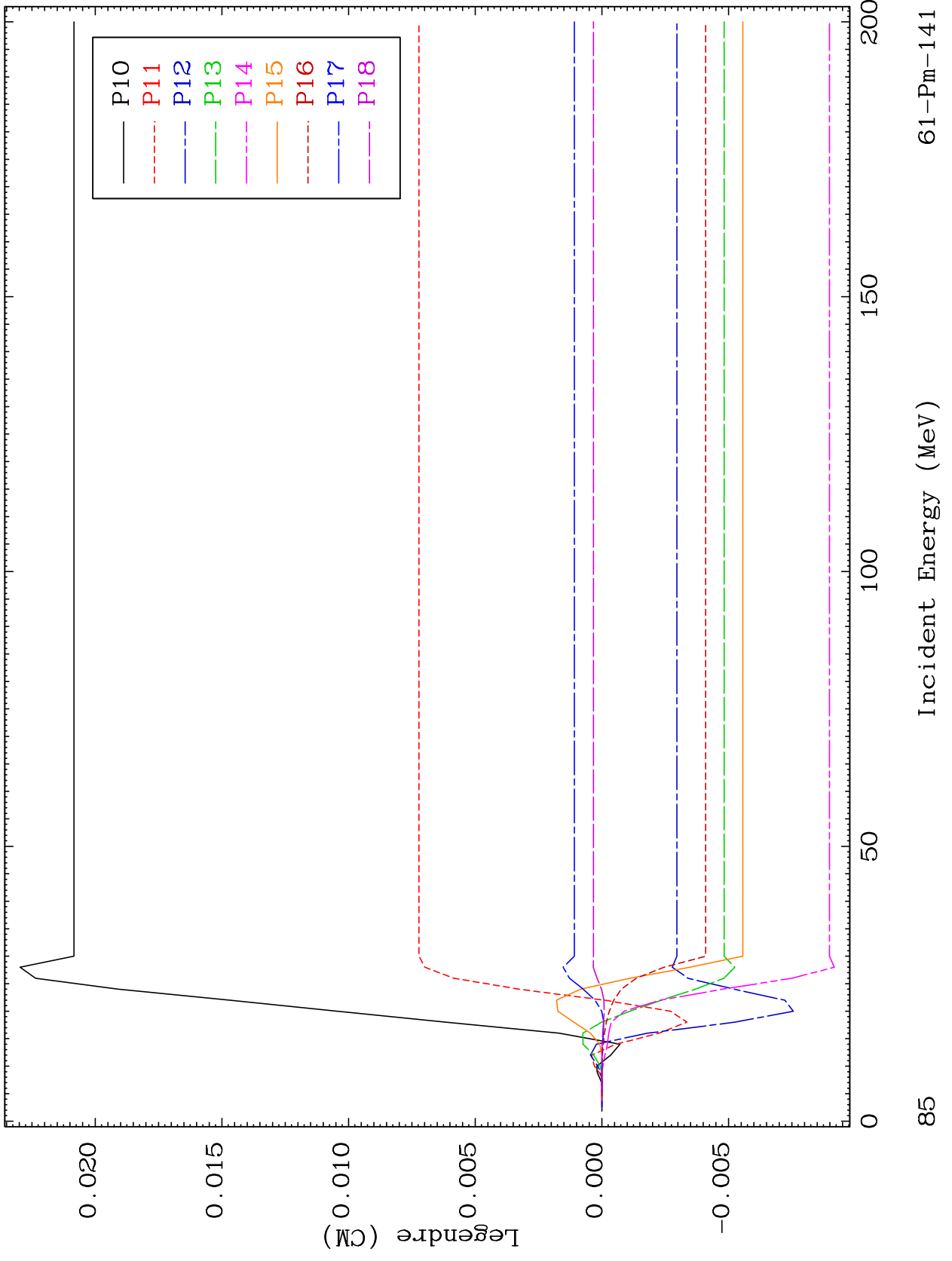
Incident Energy (MeV)

84

MAT 6131

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

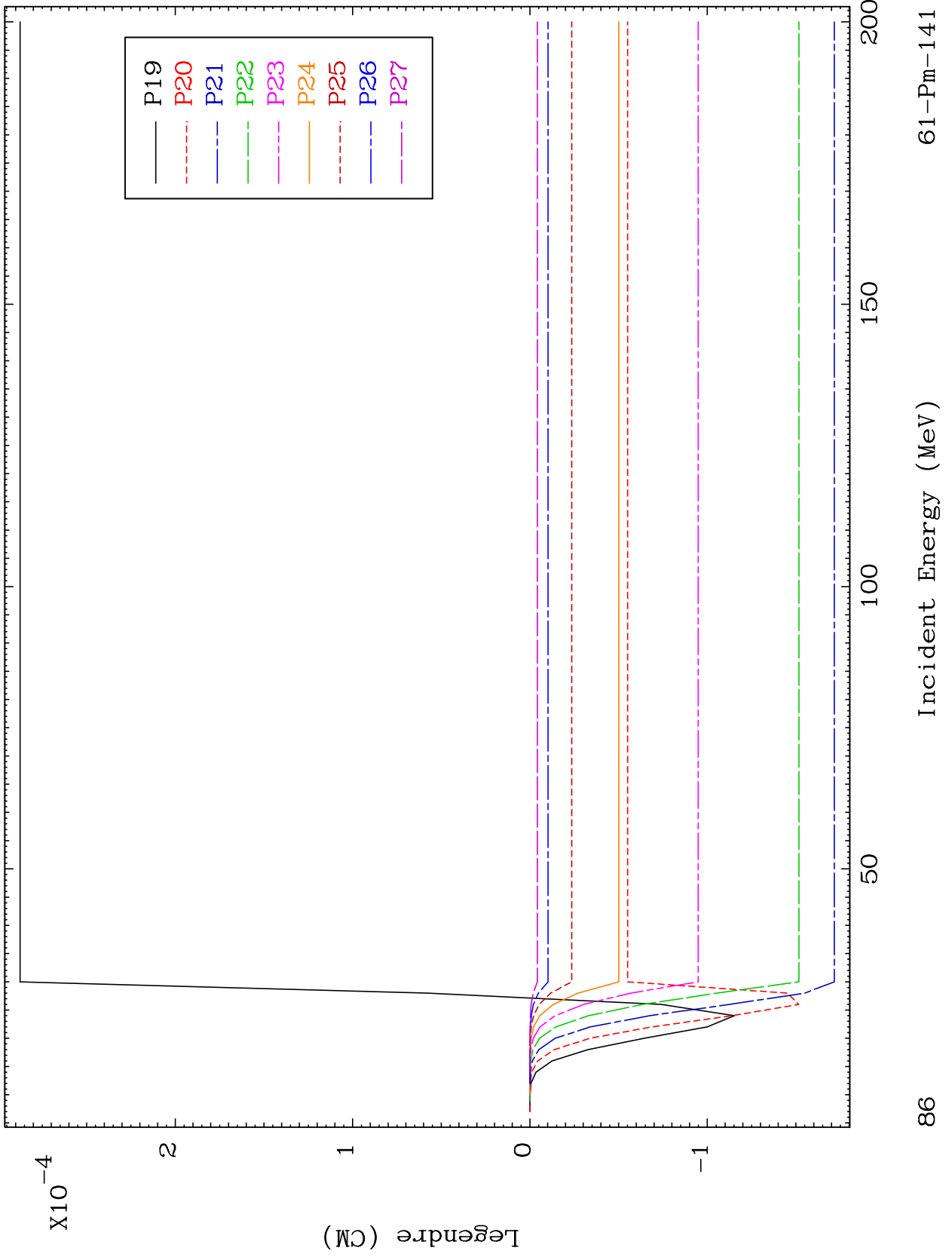
61-Pm-141

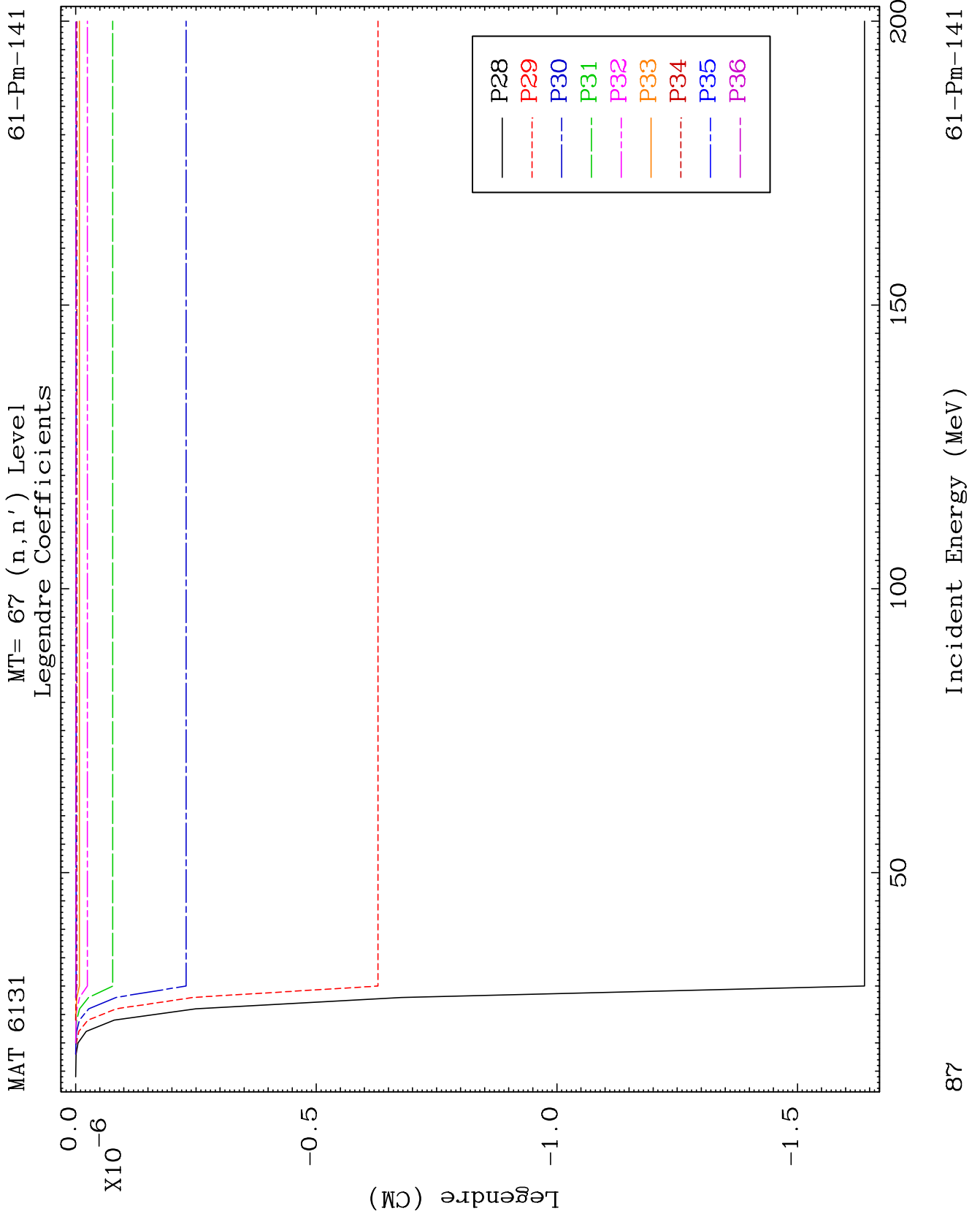


61-Pm-141

Incident Energy (MeV)

85

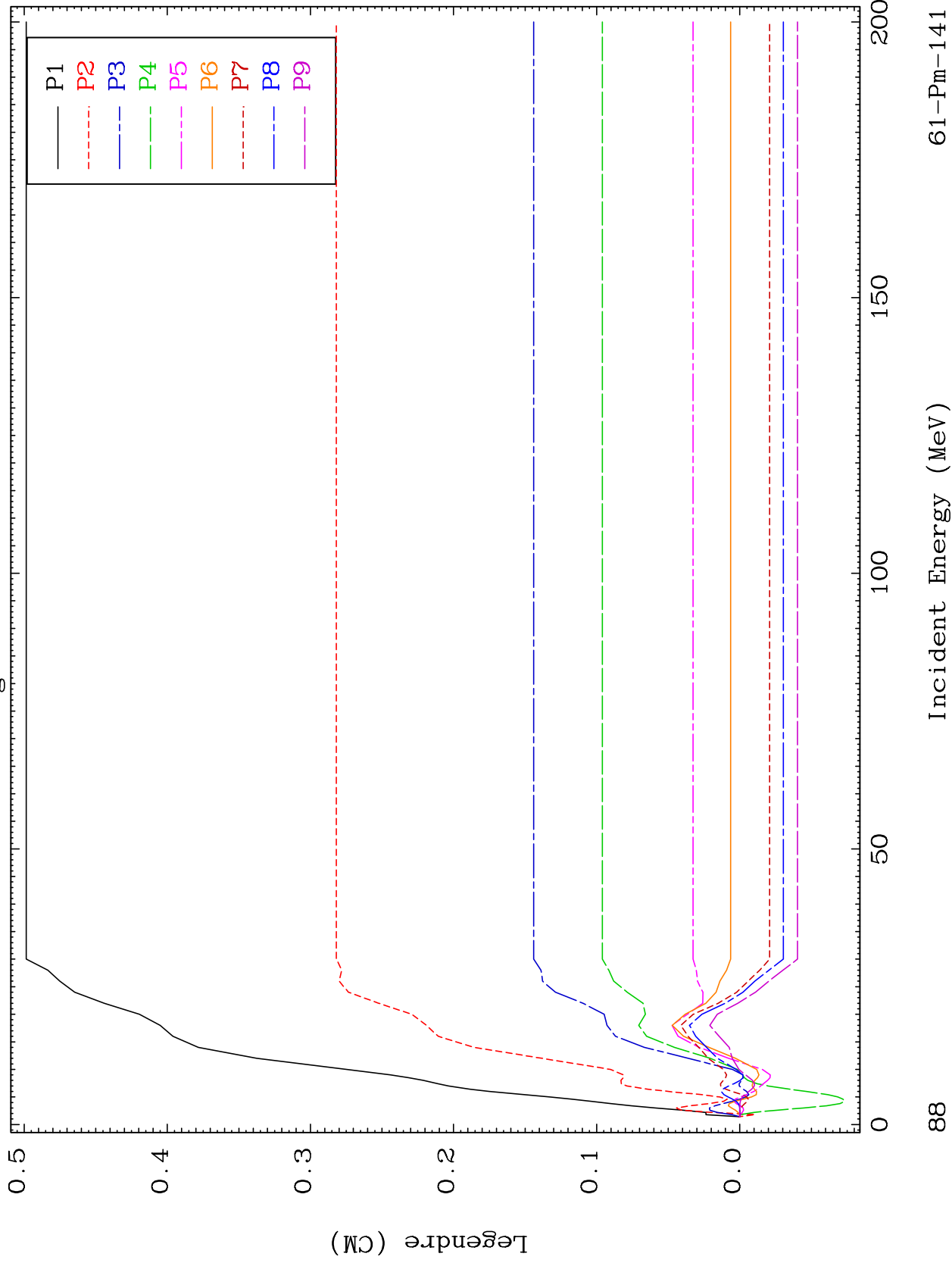


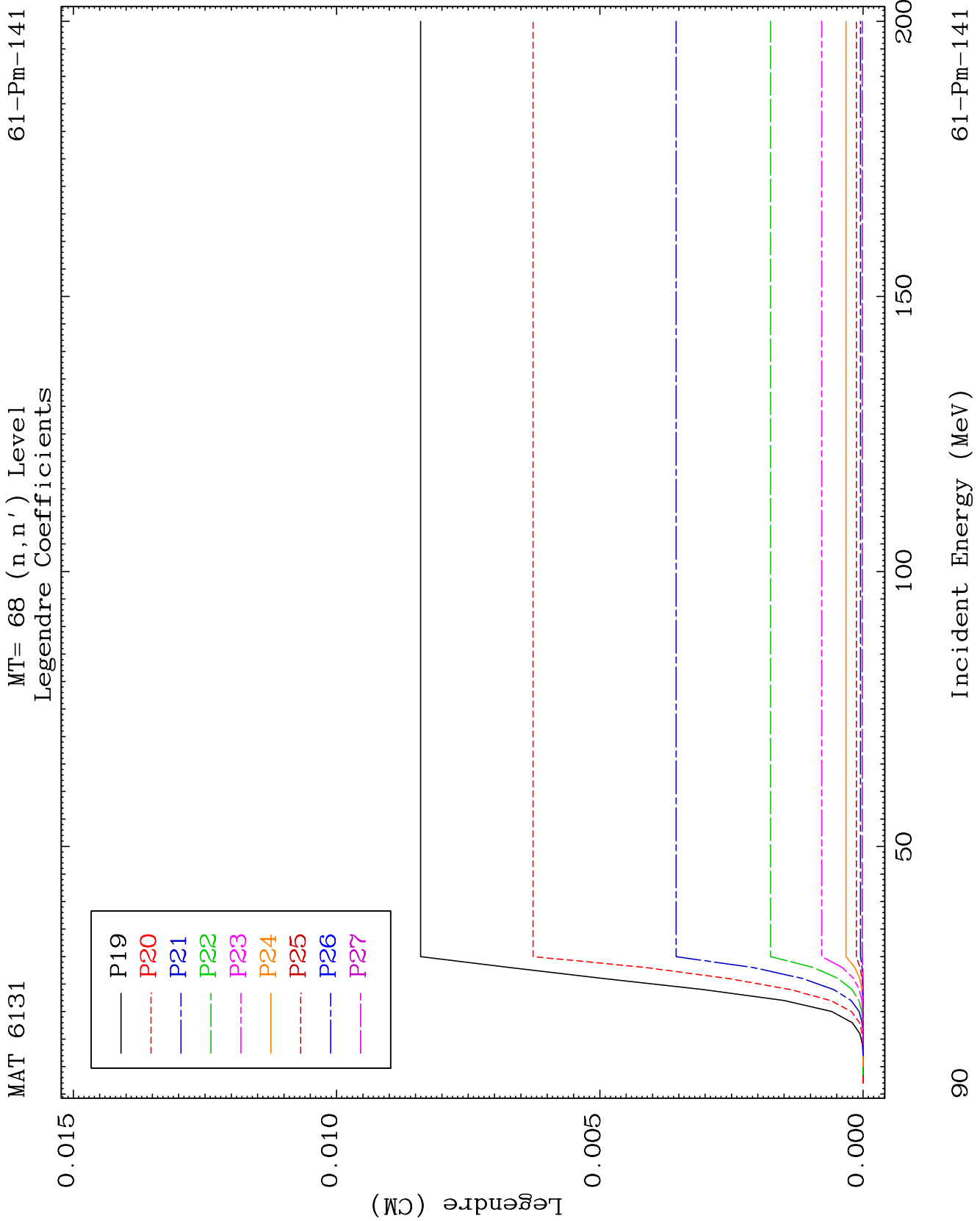


MAT 6131

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

61-Pm-141

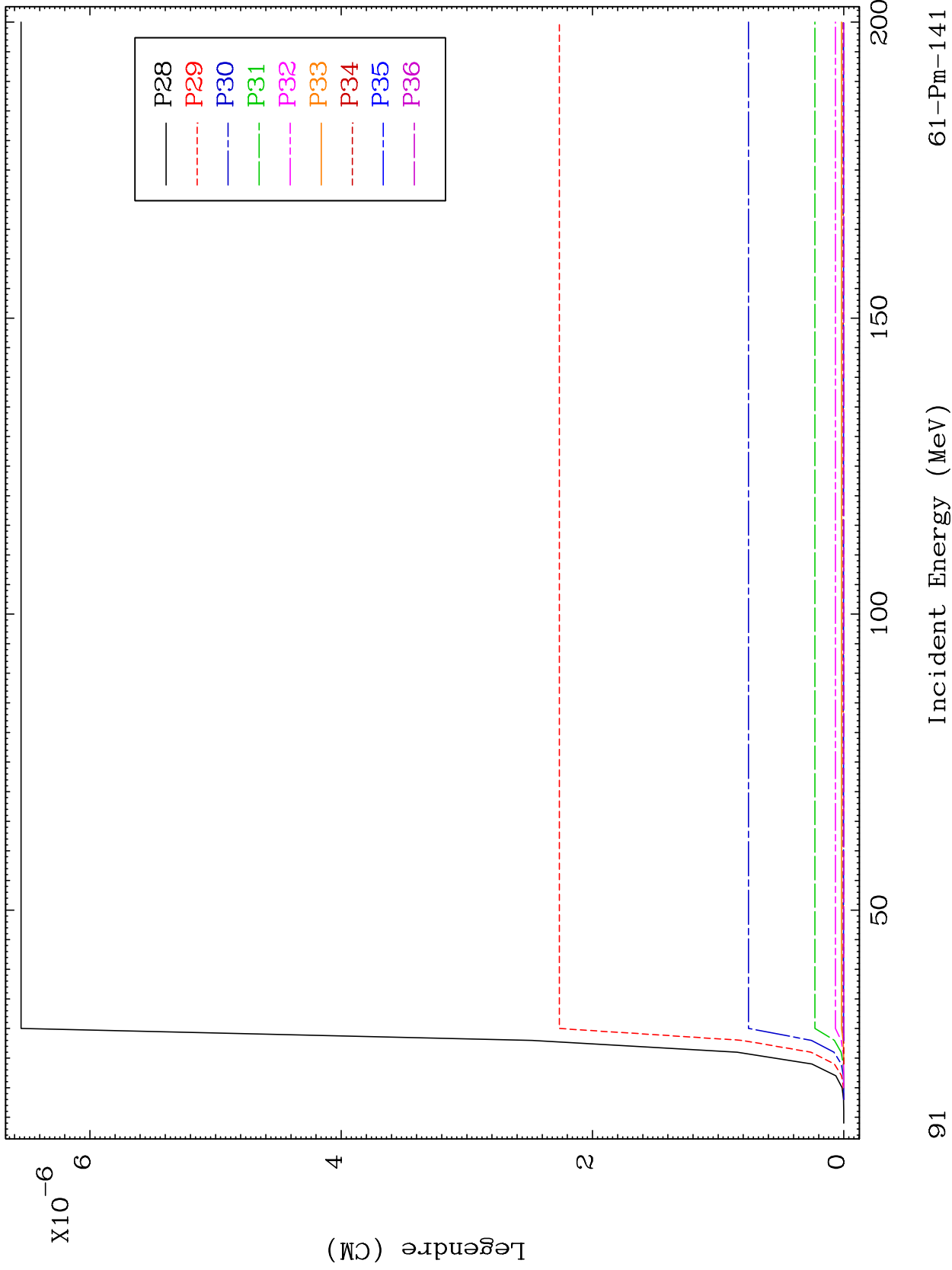




MAT 6131

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

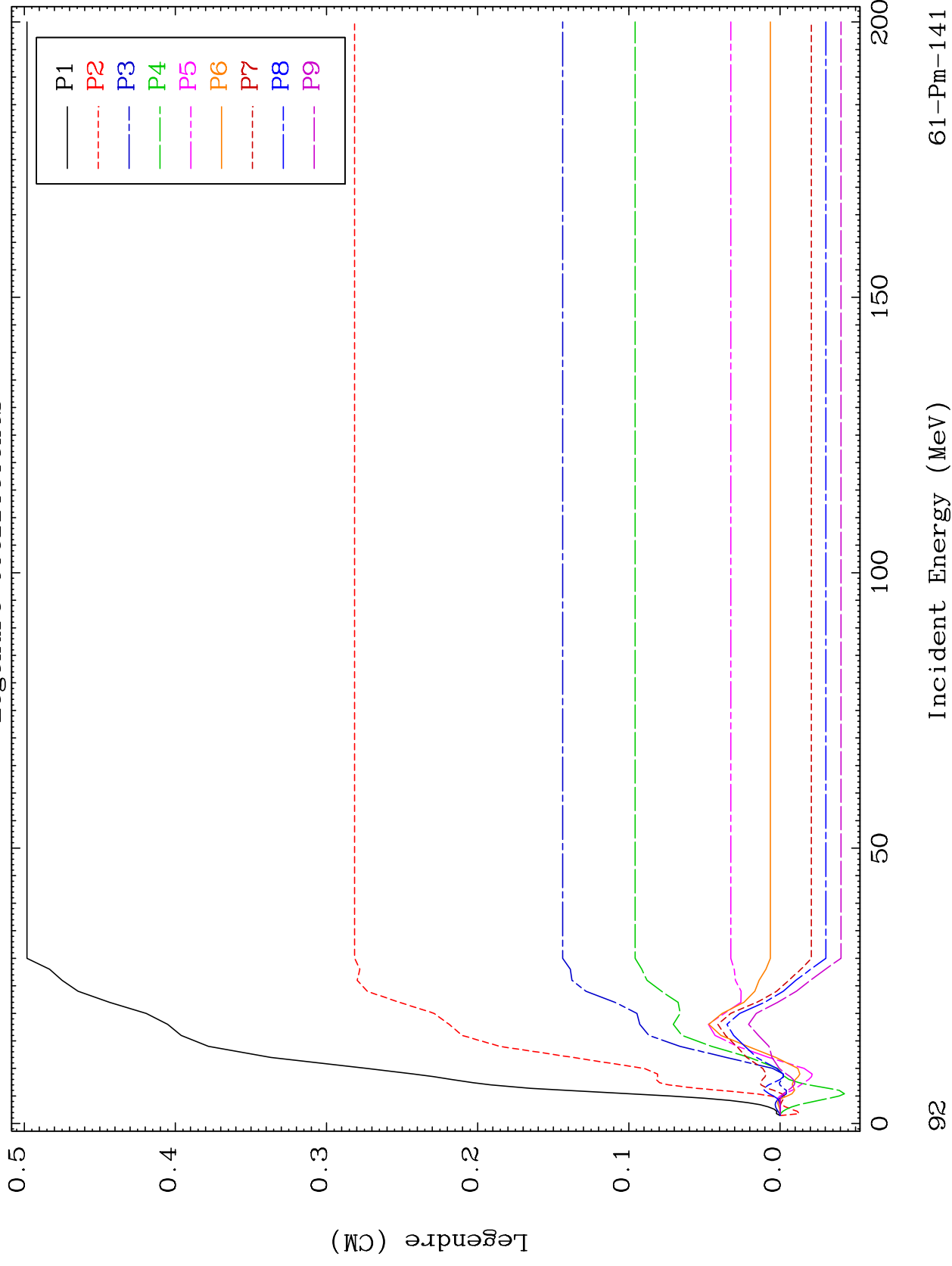
61-Pm-141



MAT 6131

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

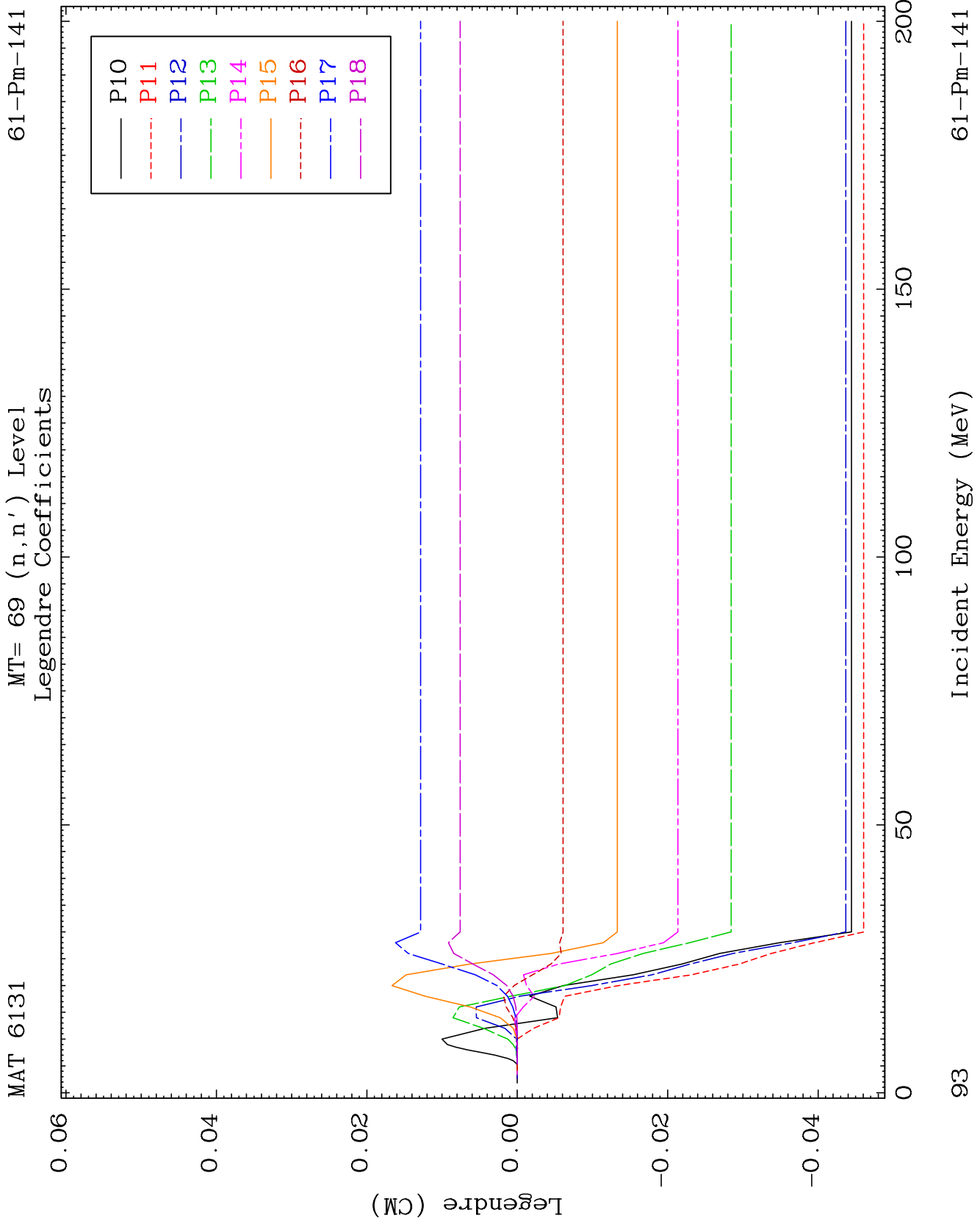
61-Pm-141



92

Incident Energy (MeV)

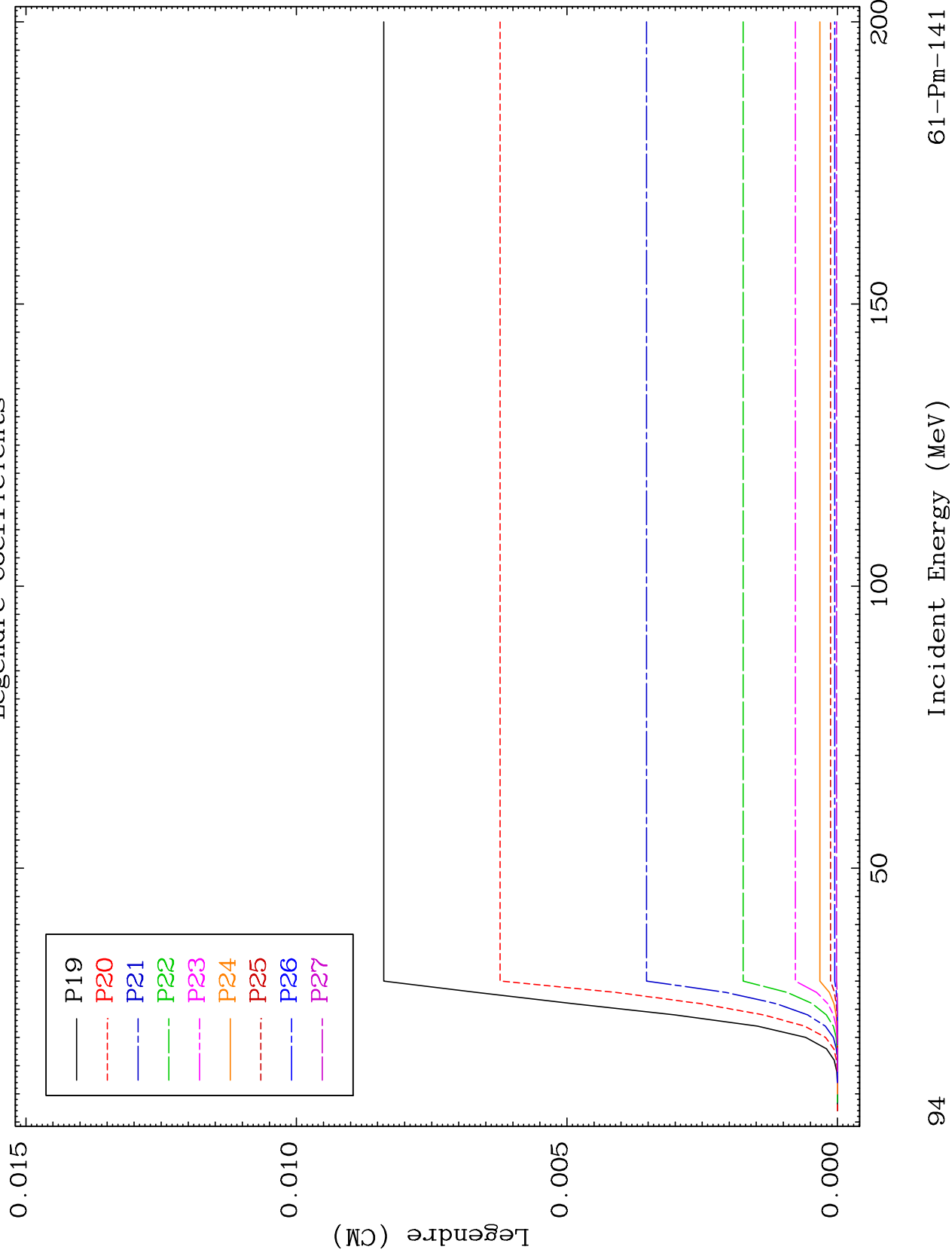
61-Pm-141



MAT 6131

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

61-Pm-141



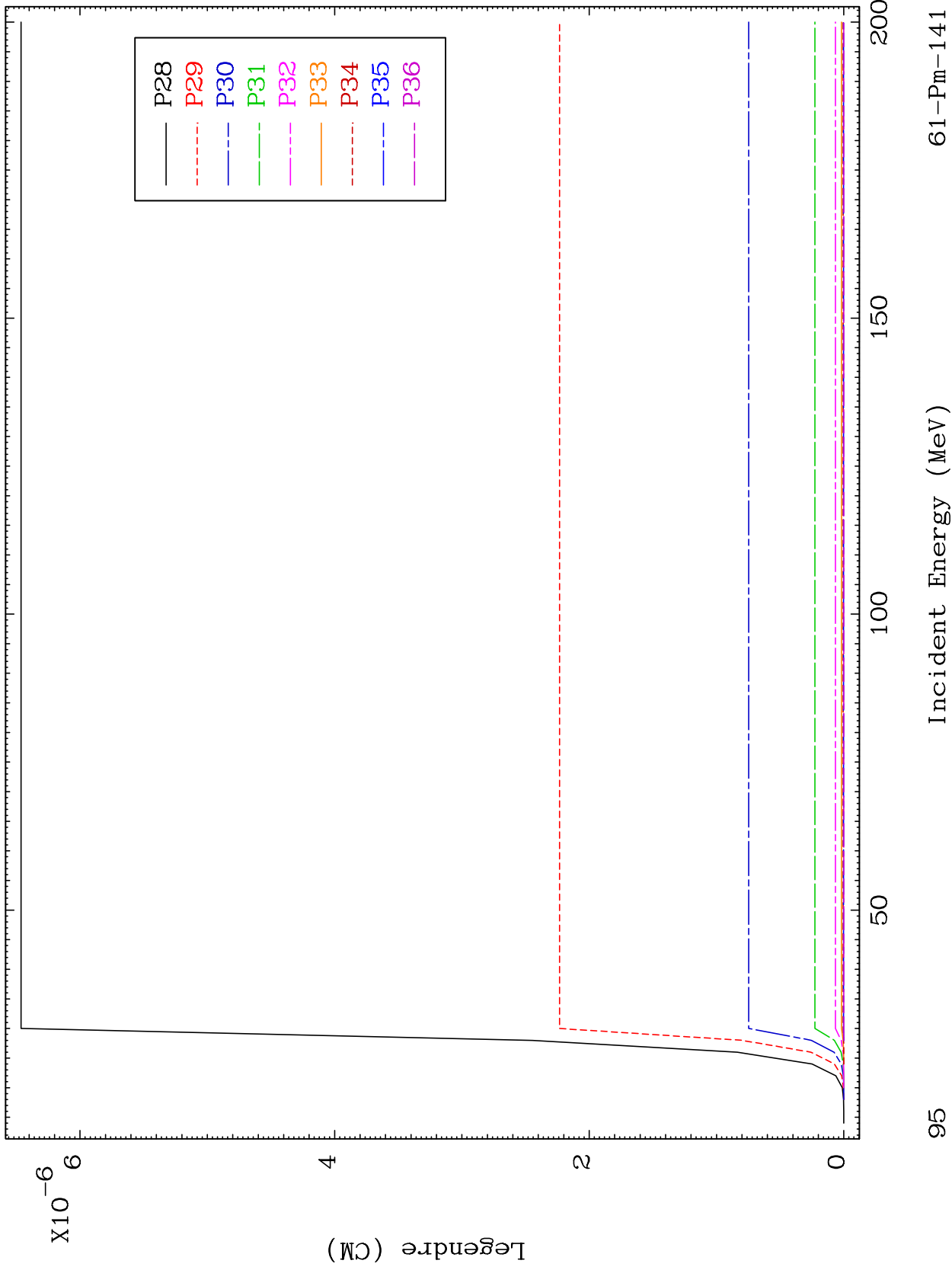
94

61-Pm-141

MAT 6131

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

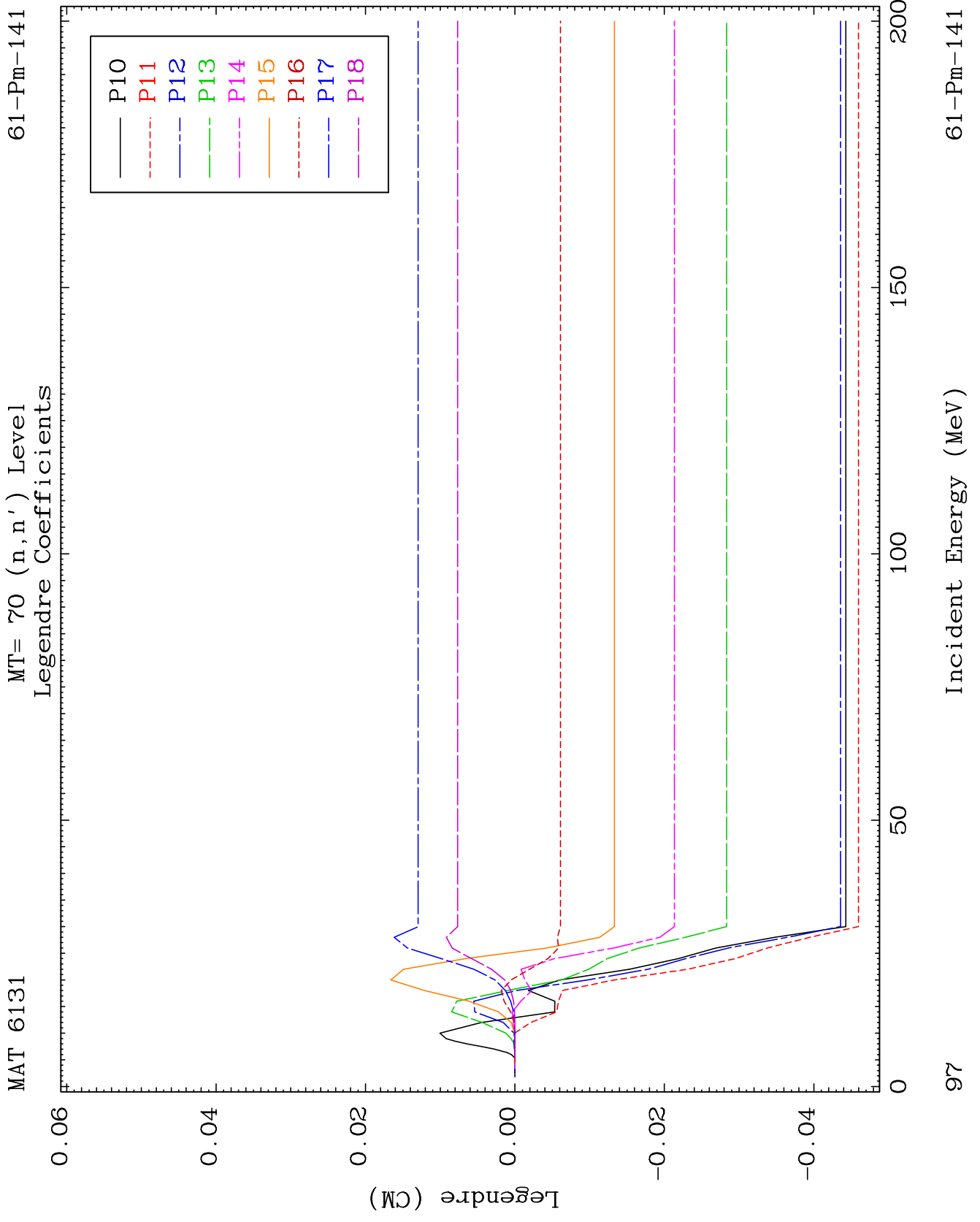
61-Pm-141



95

Incident Energy (MeV)

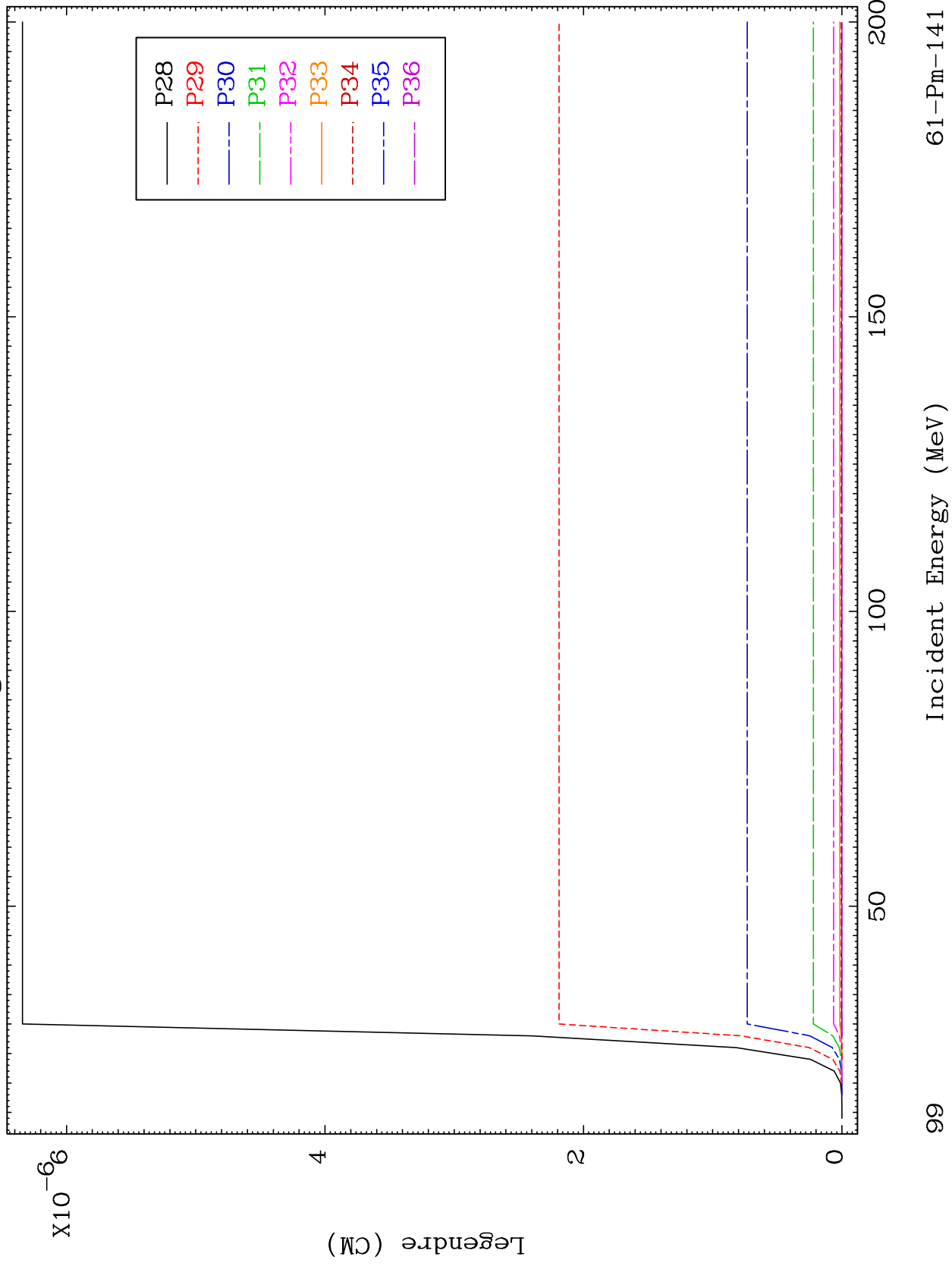
61-Pm-141



MAT 6131

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

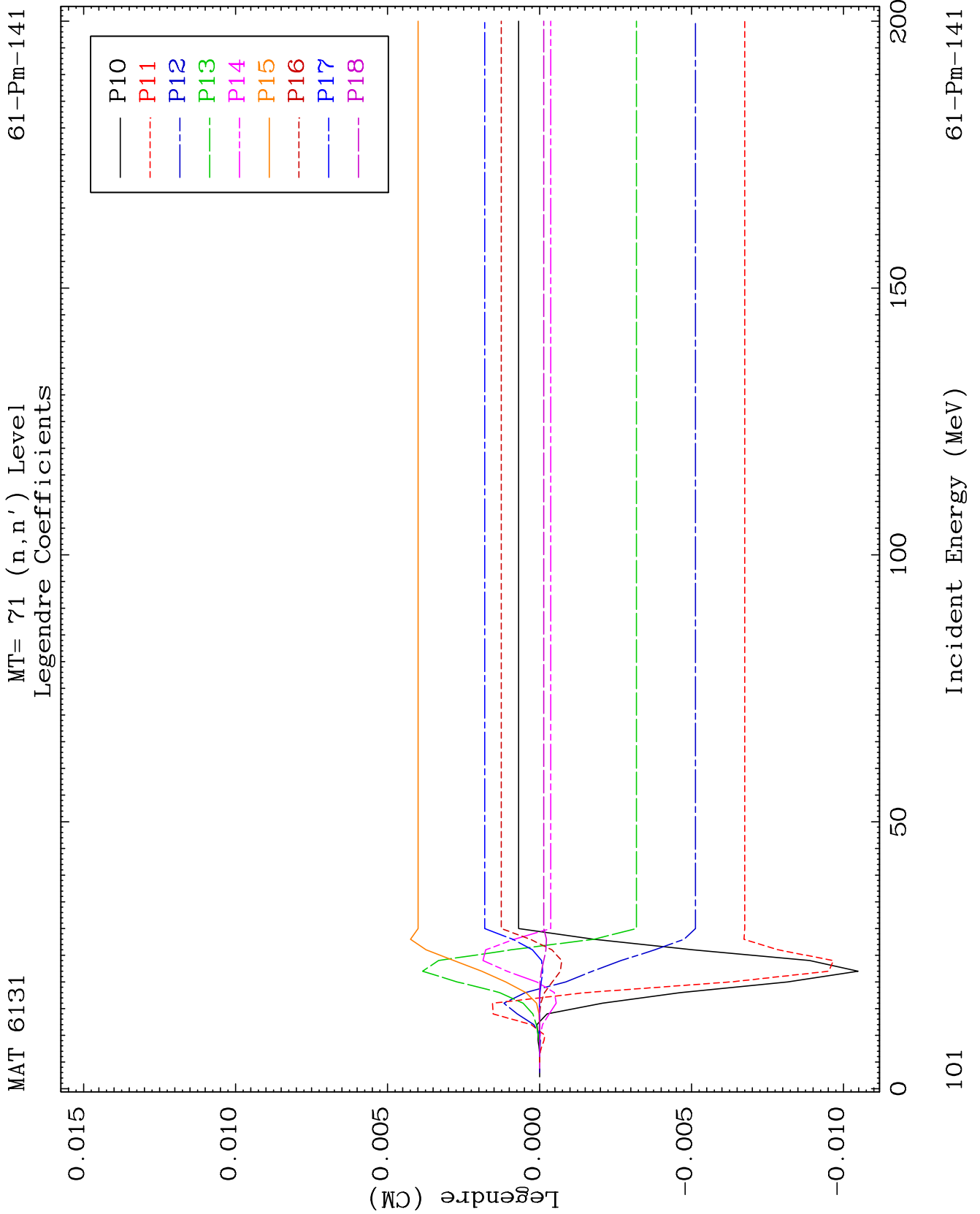
61-Pm-141



99

Incident Energy (MeV)

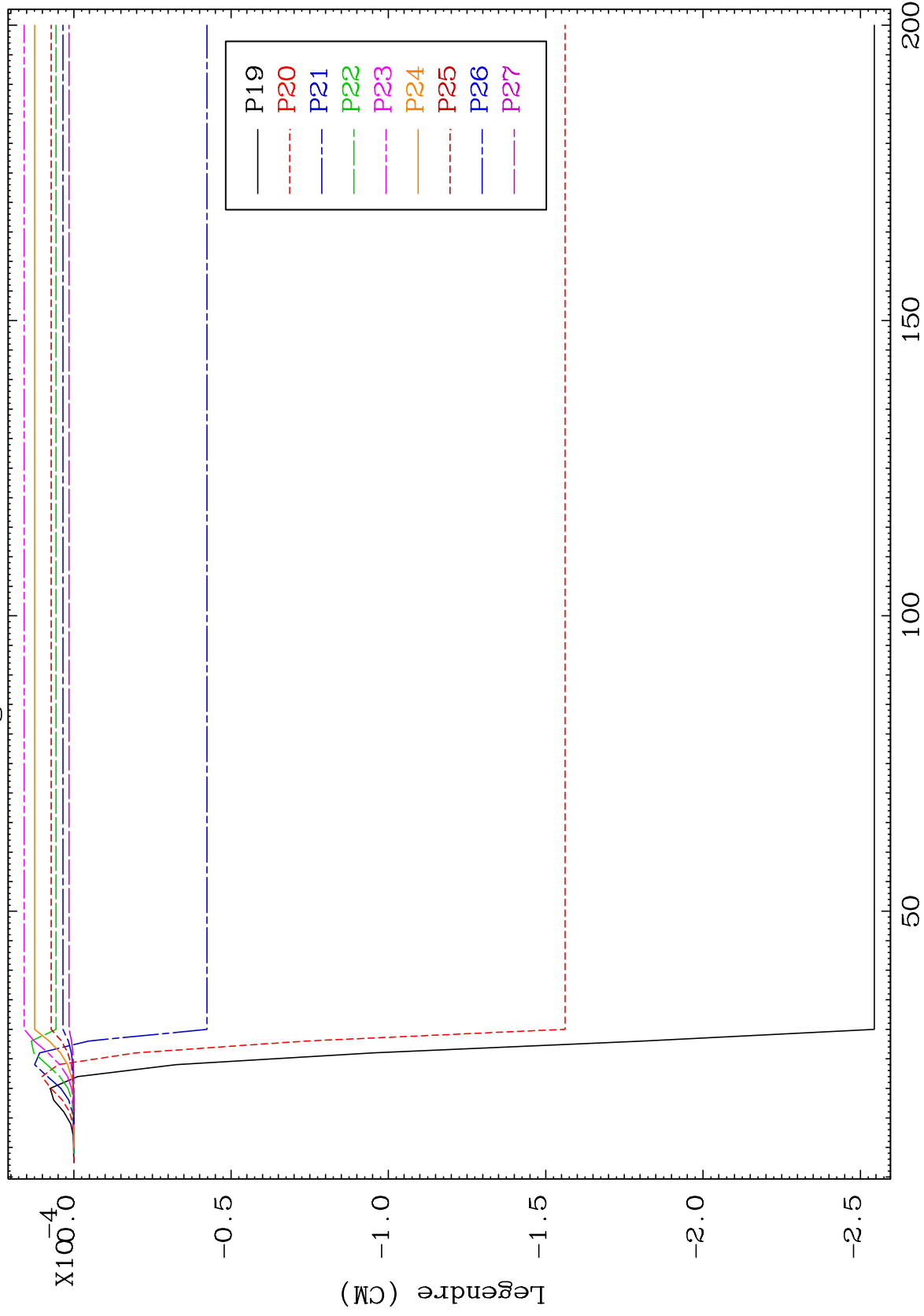
61-Pm-141



MAT 6131

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

61-Pm-141



102

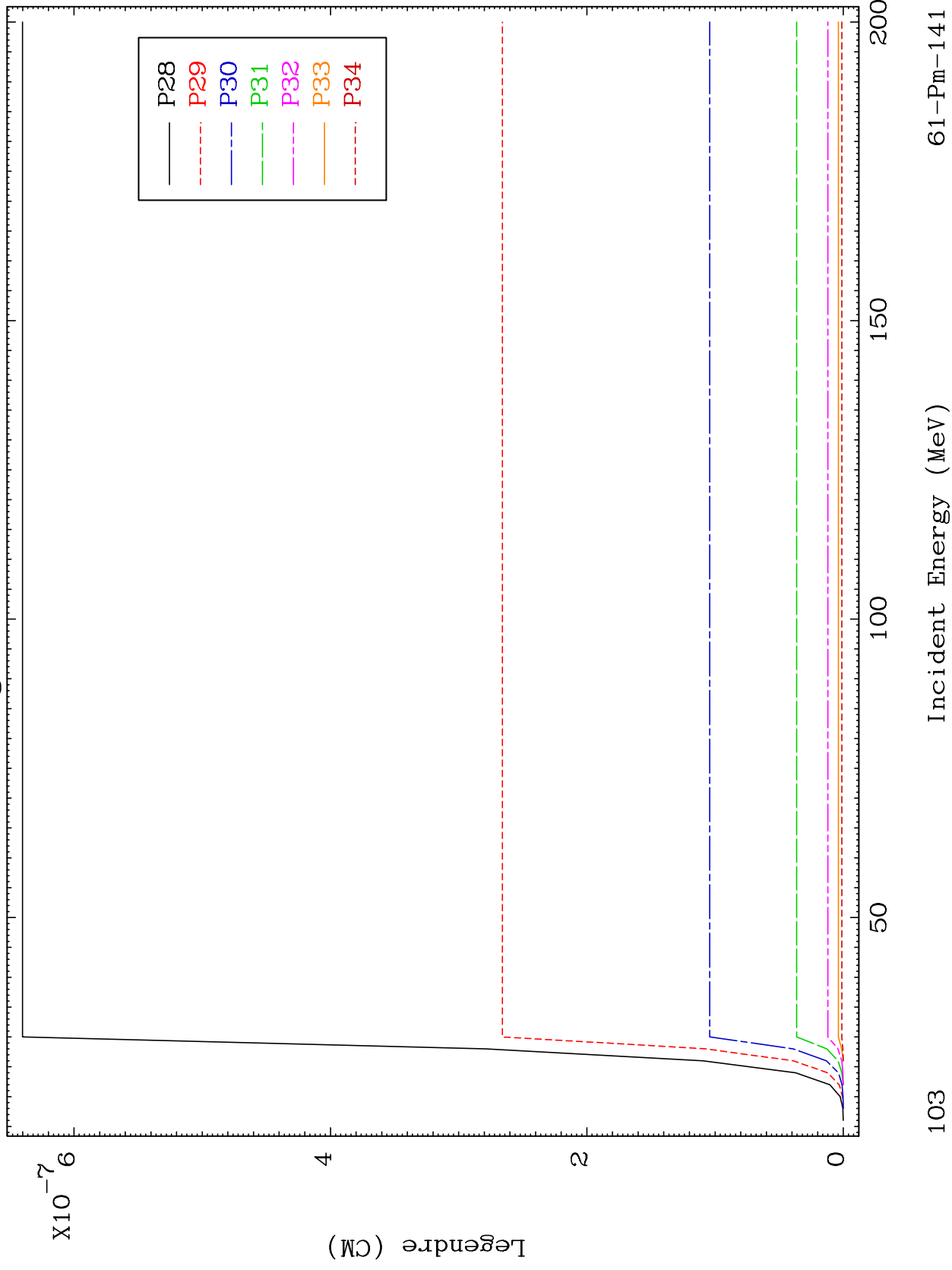
Incident Energy (MeV)

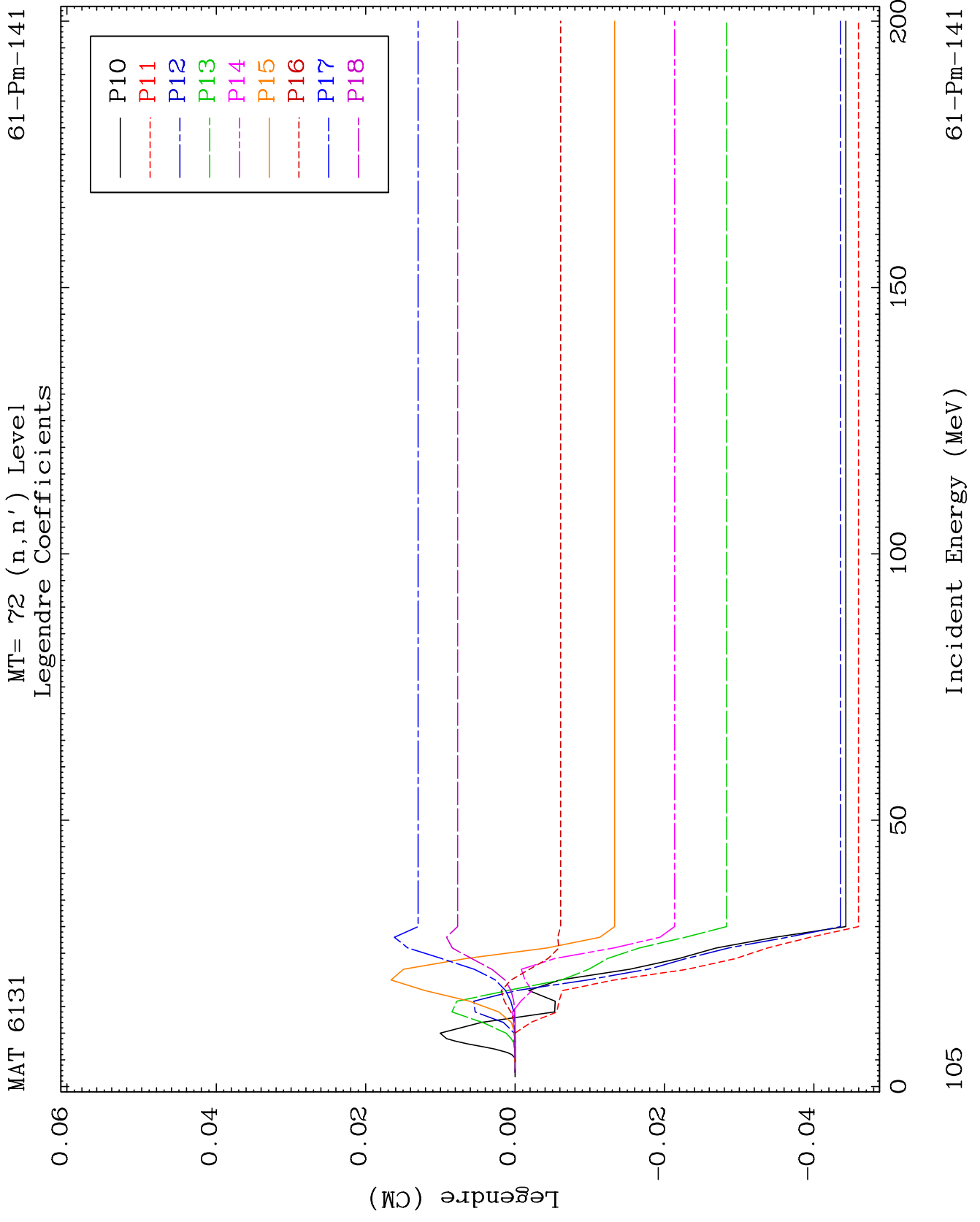
61-Pm-141

MAT 6131

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

61-Pm-141

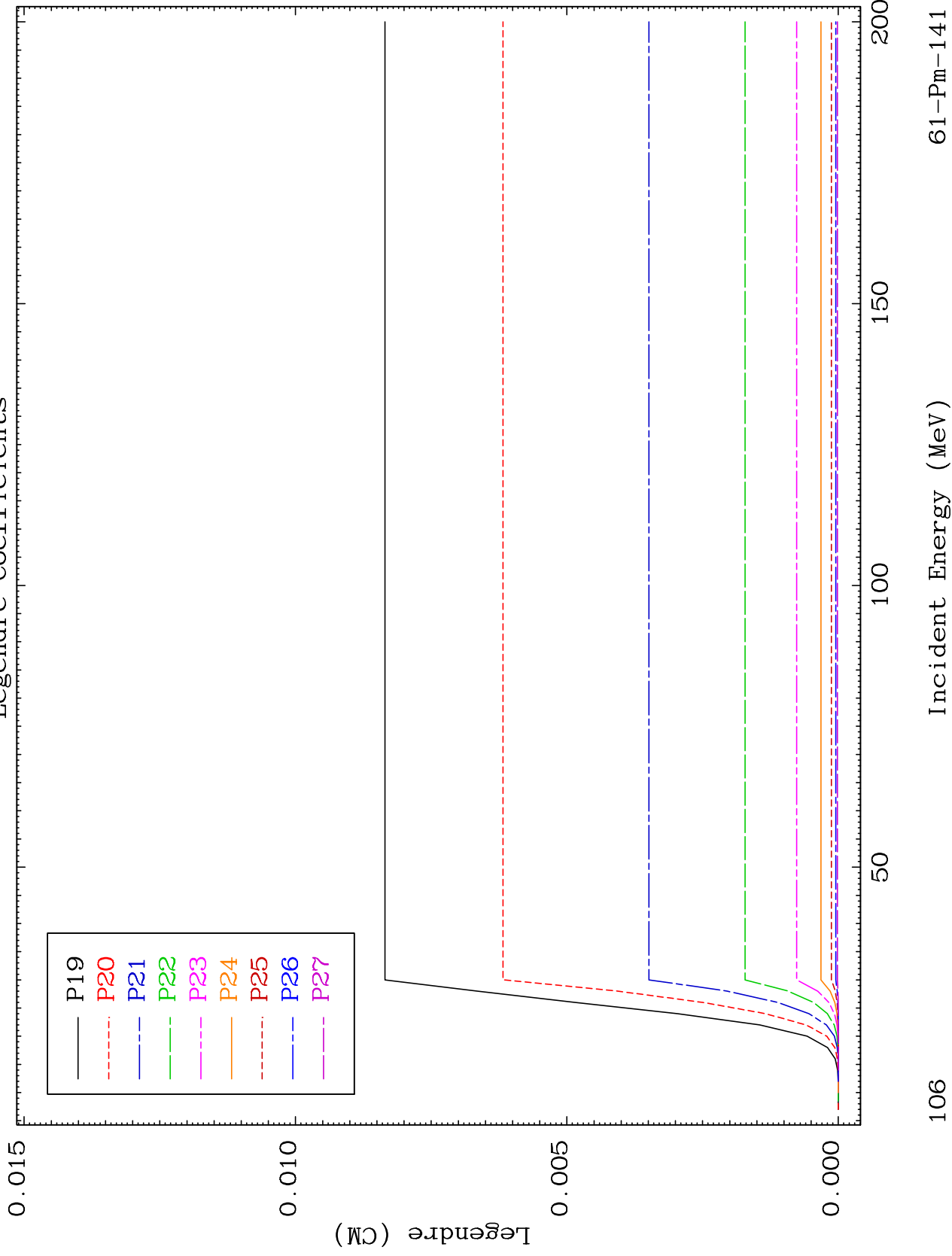




MAT 6131

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

61-Pm-141



106

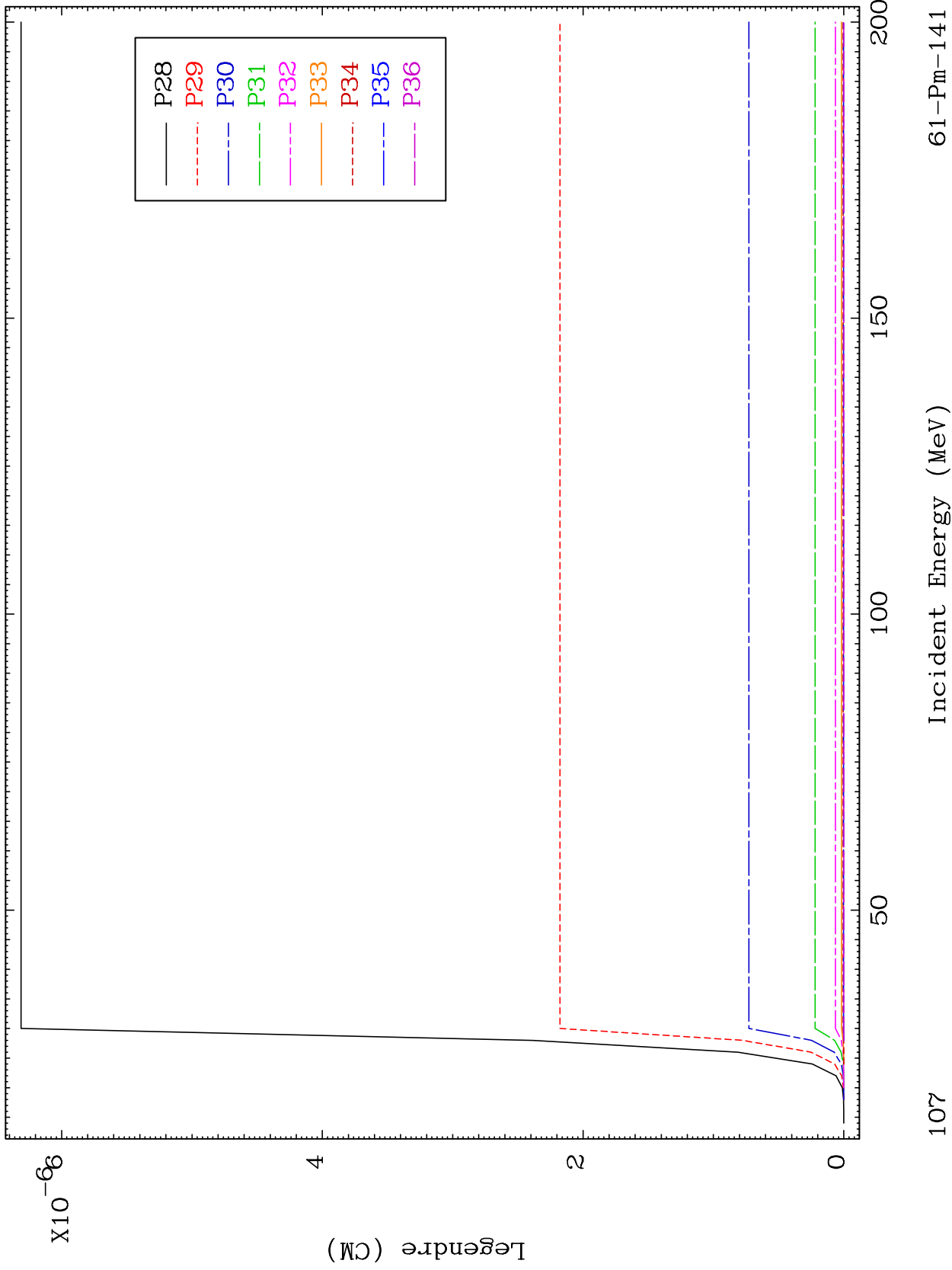
Incident Energy (MeV)

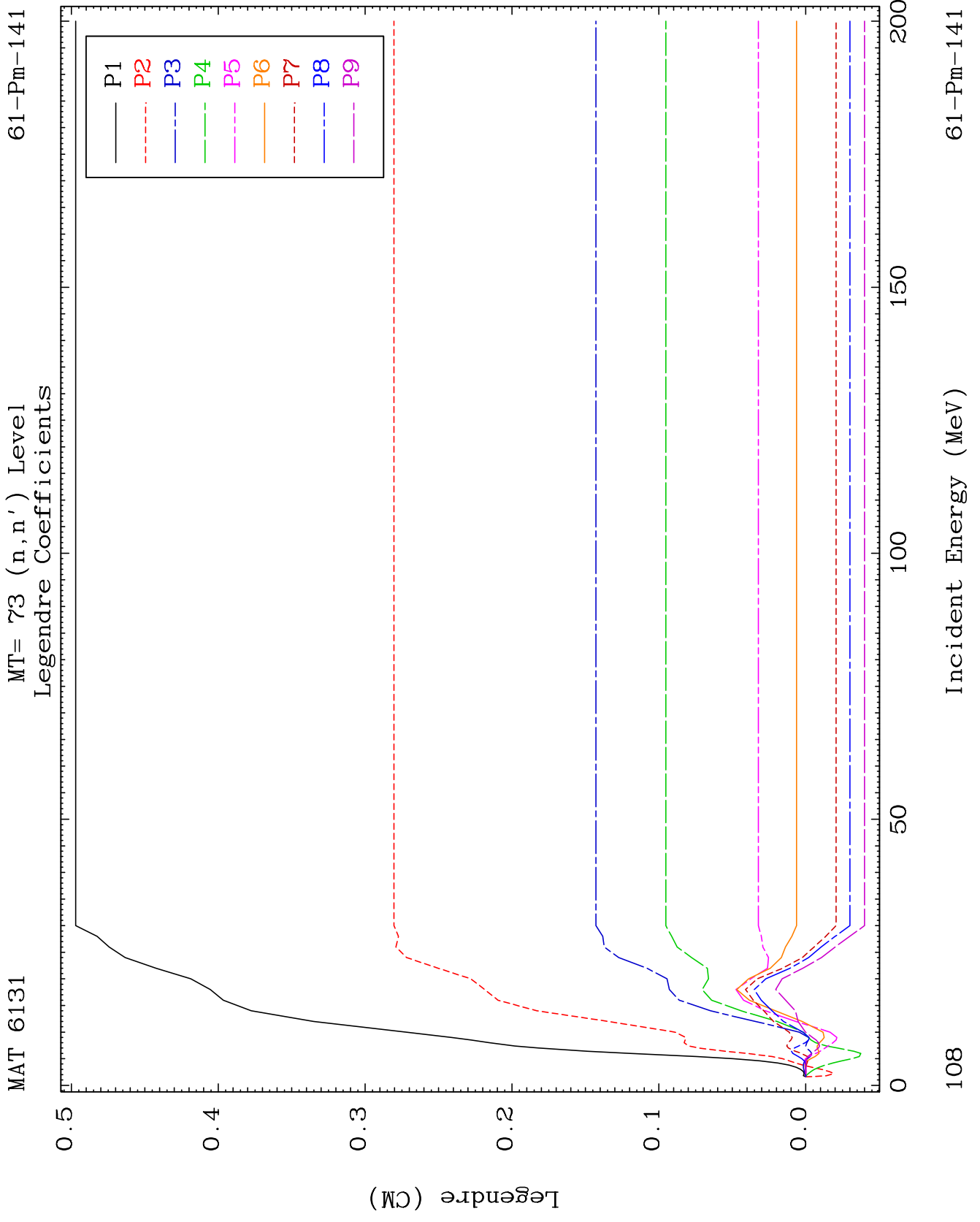
61-Pm-141

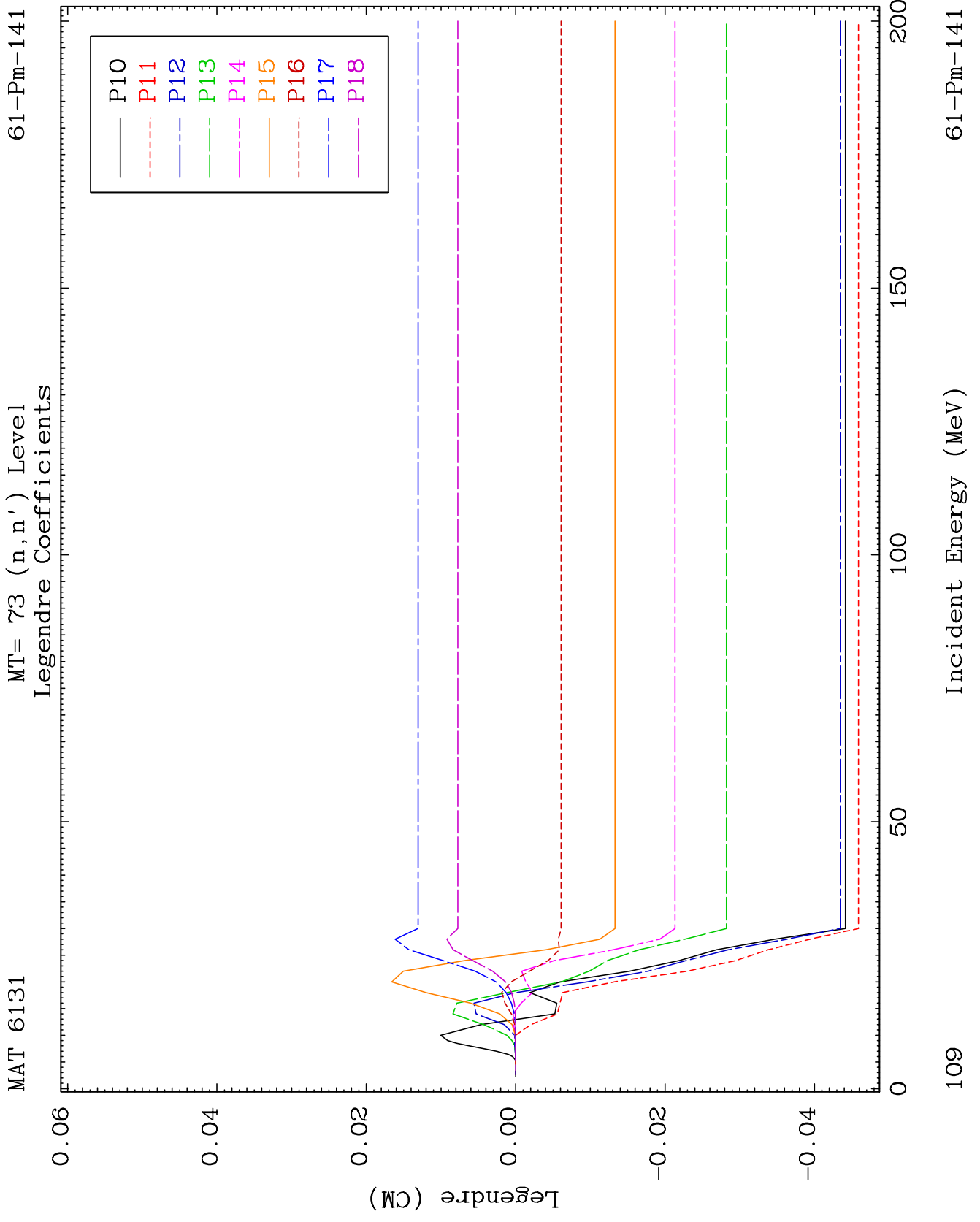
MAT 6131

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

61-Pm-141



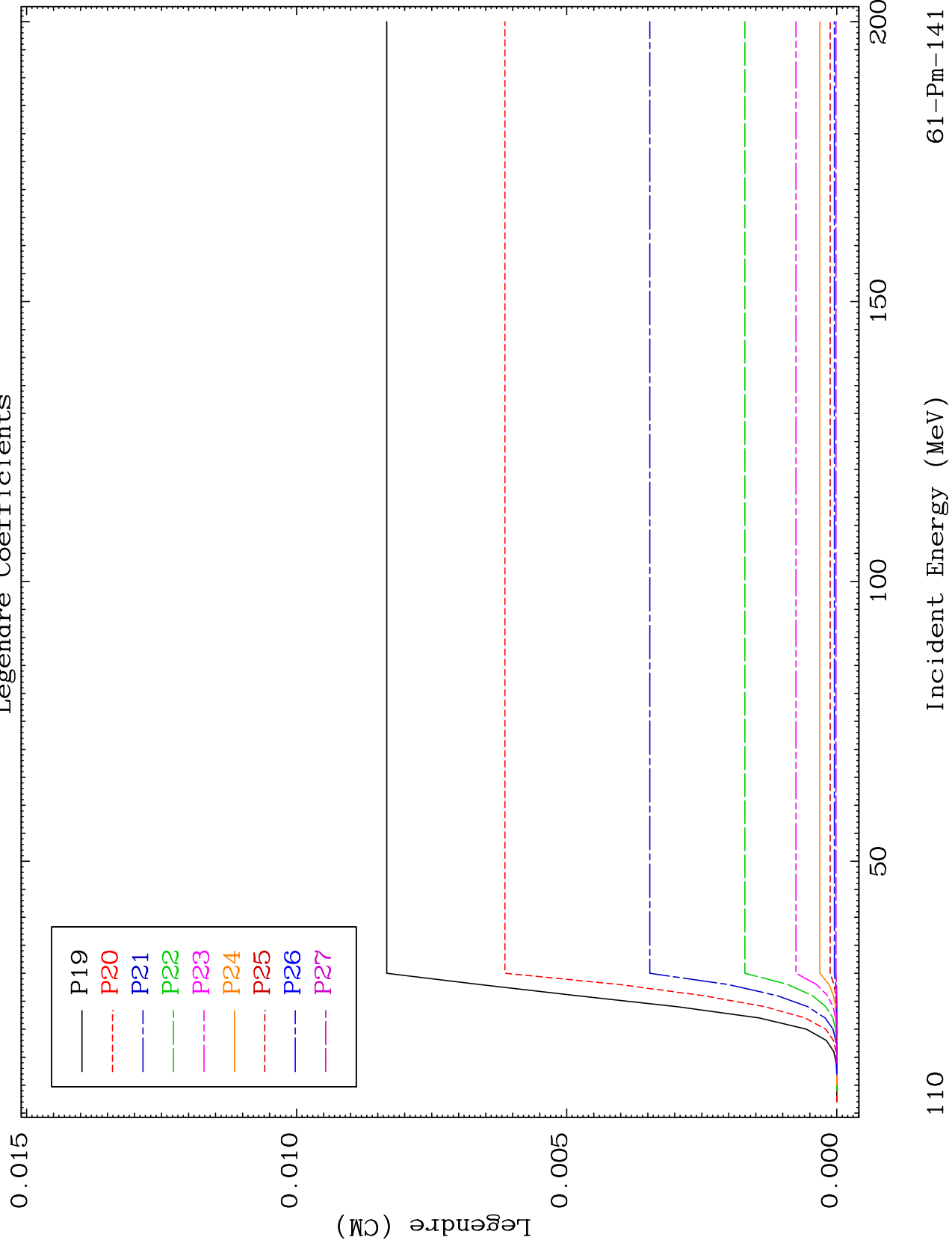




MAT 6131

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

61-Pm-141



110

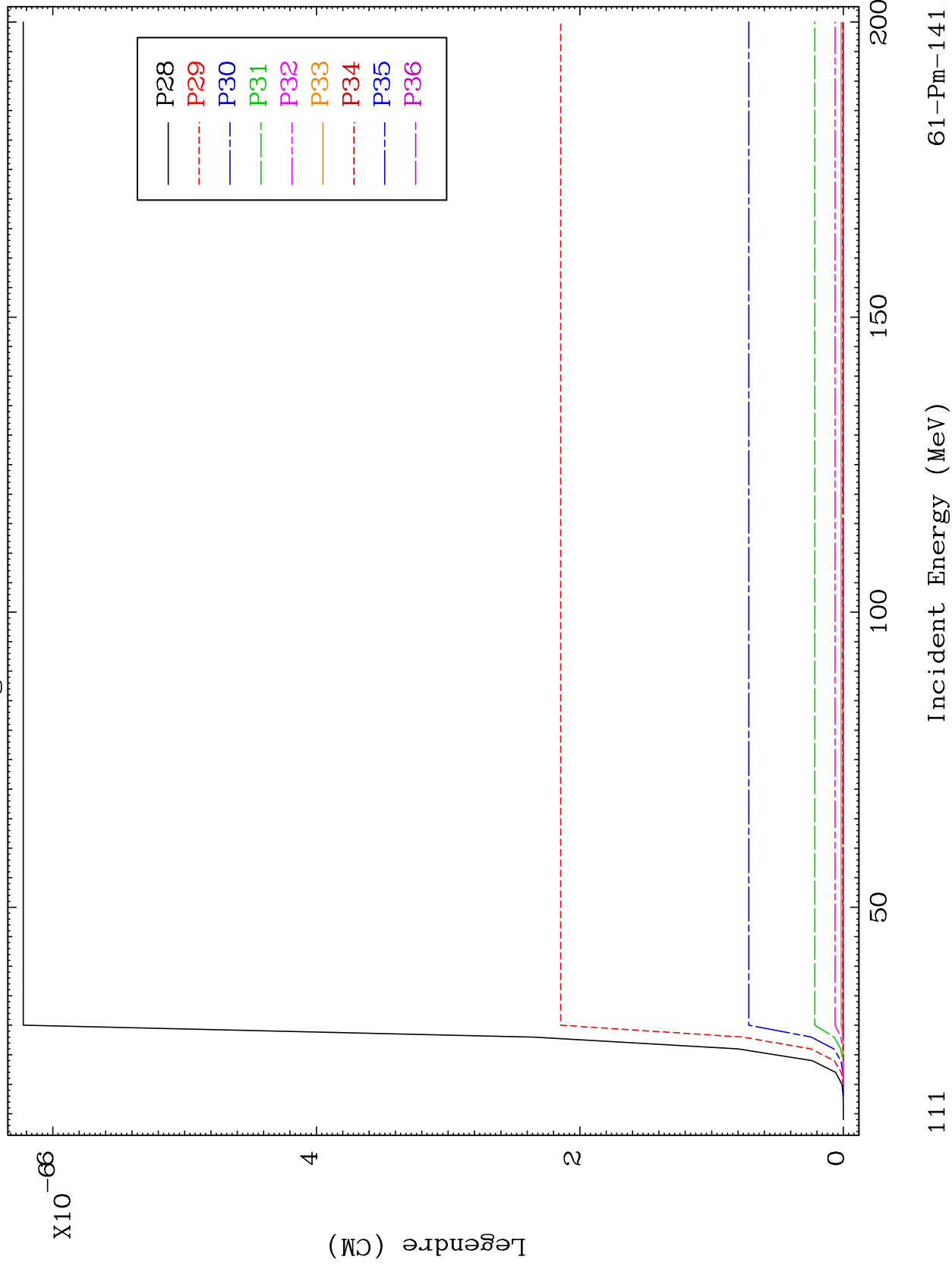
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

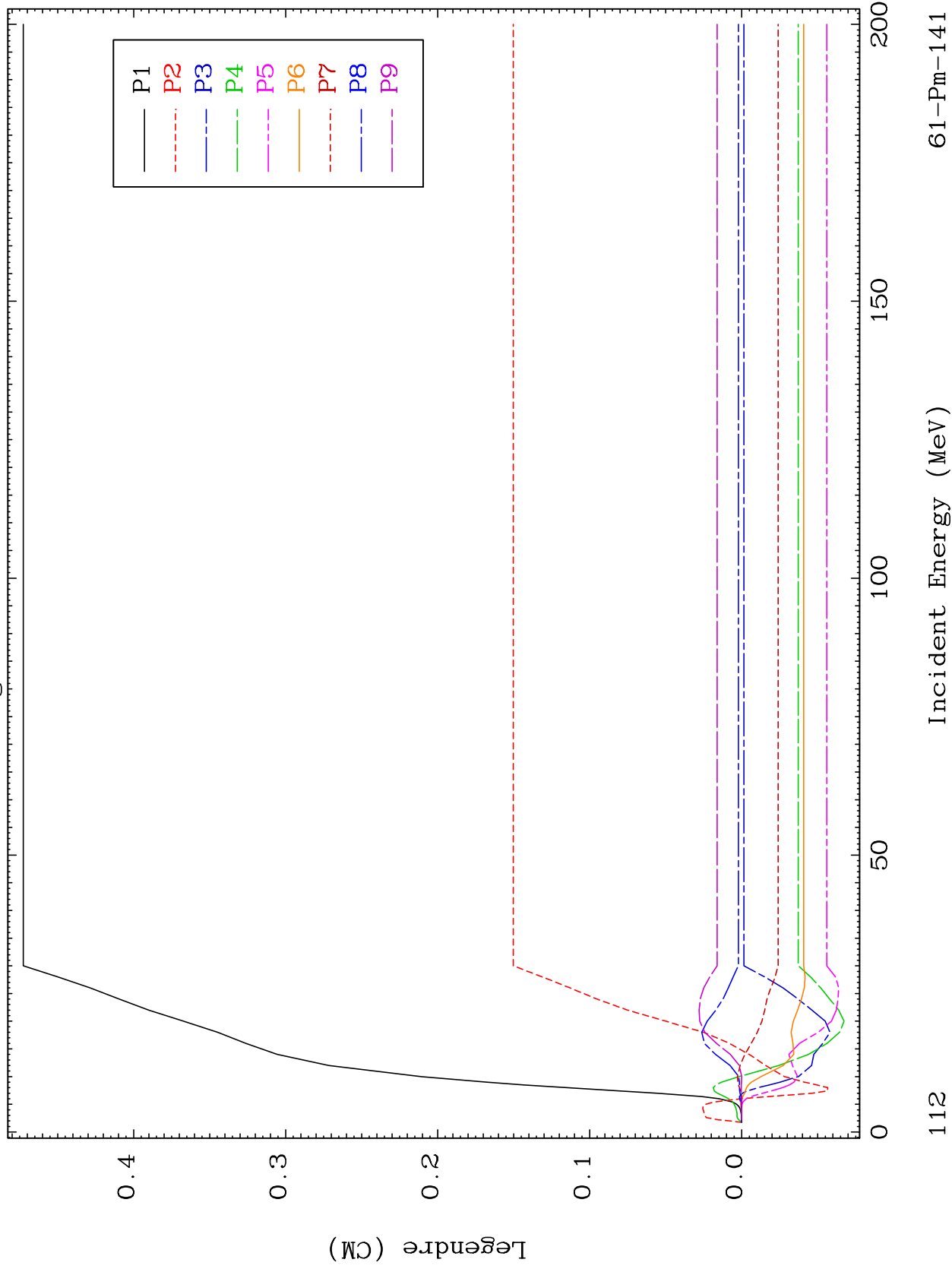
61-Pm-141



MAT 6131

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

61-Pm-141



61-Pm-141

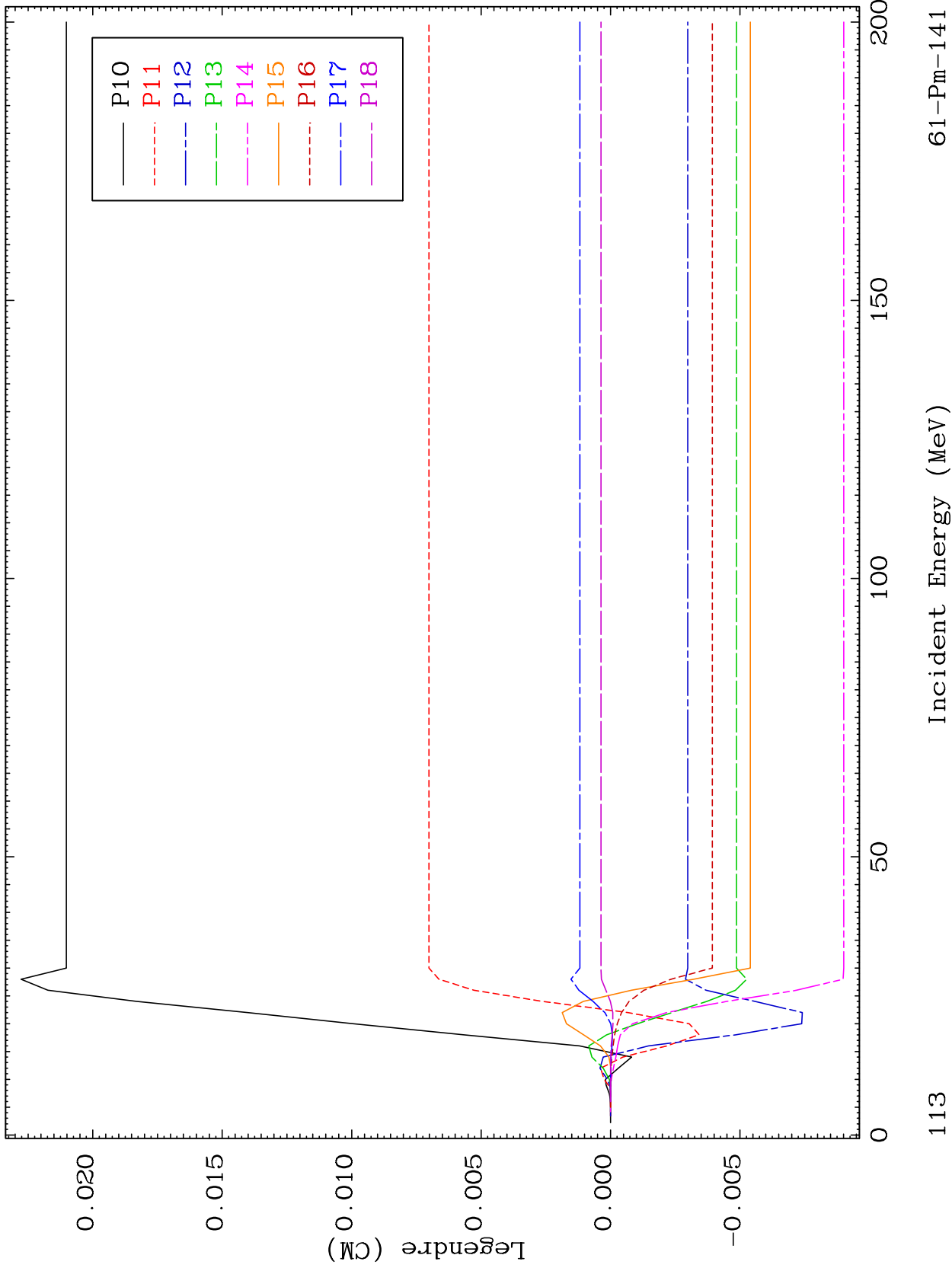
Incident Energy (MeV)

112

MAT 6131

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

61-Pm-141



113

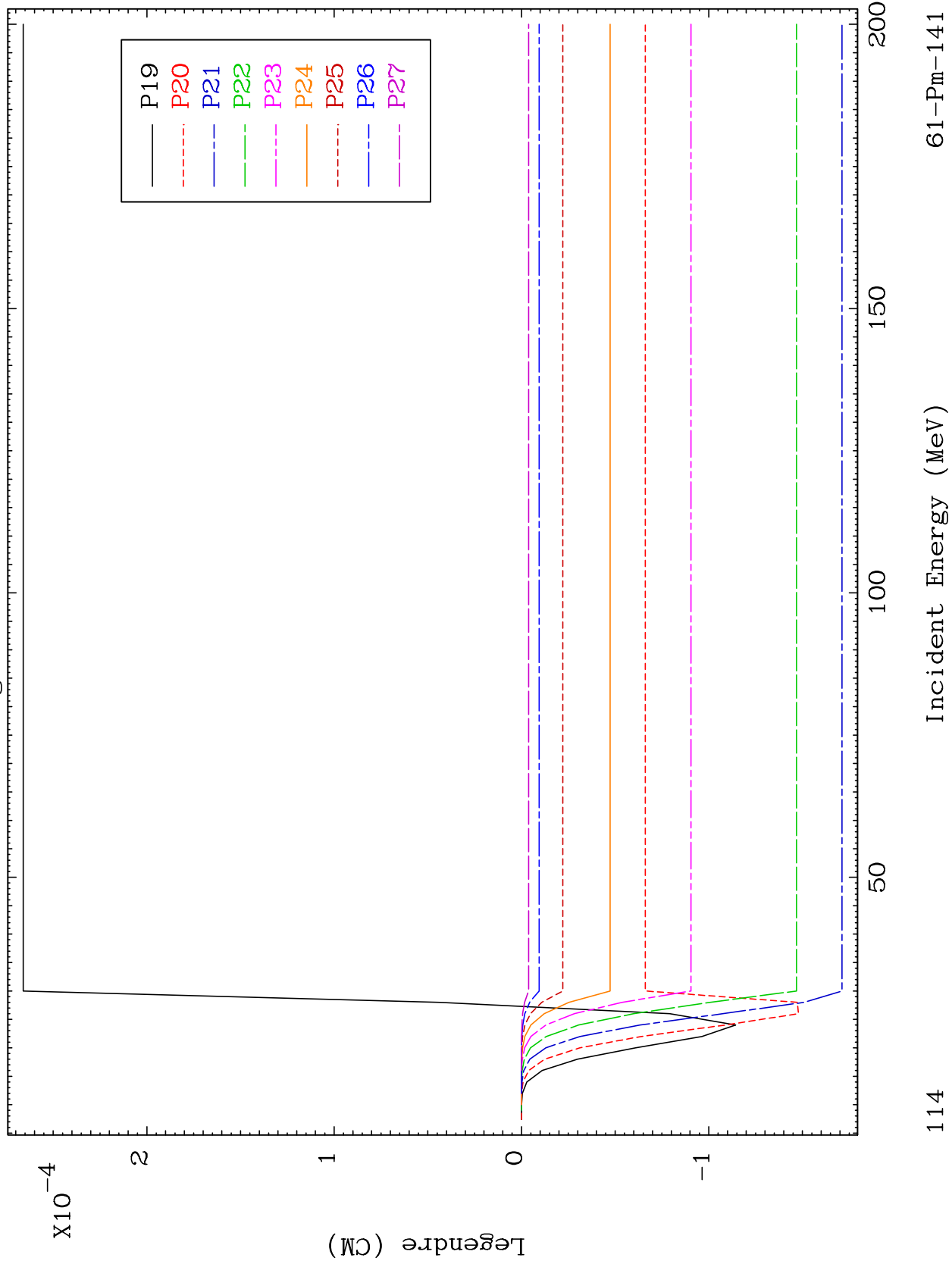
Incident Energy (MeV)

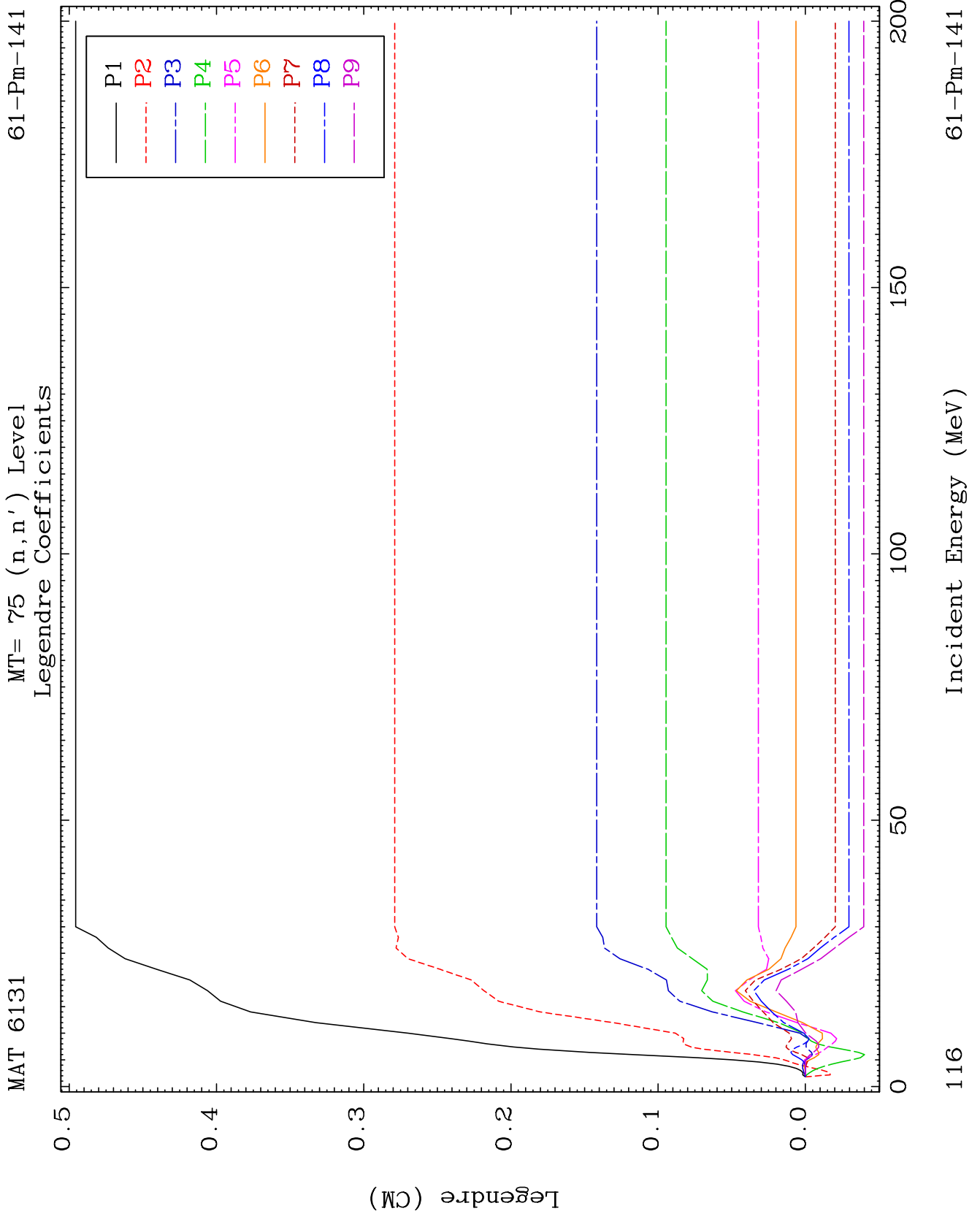
61-Pm-141

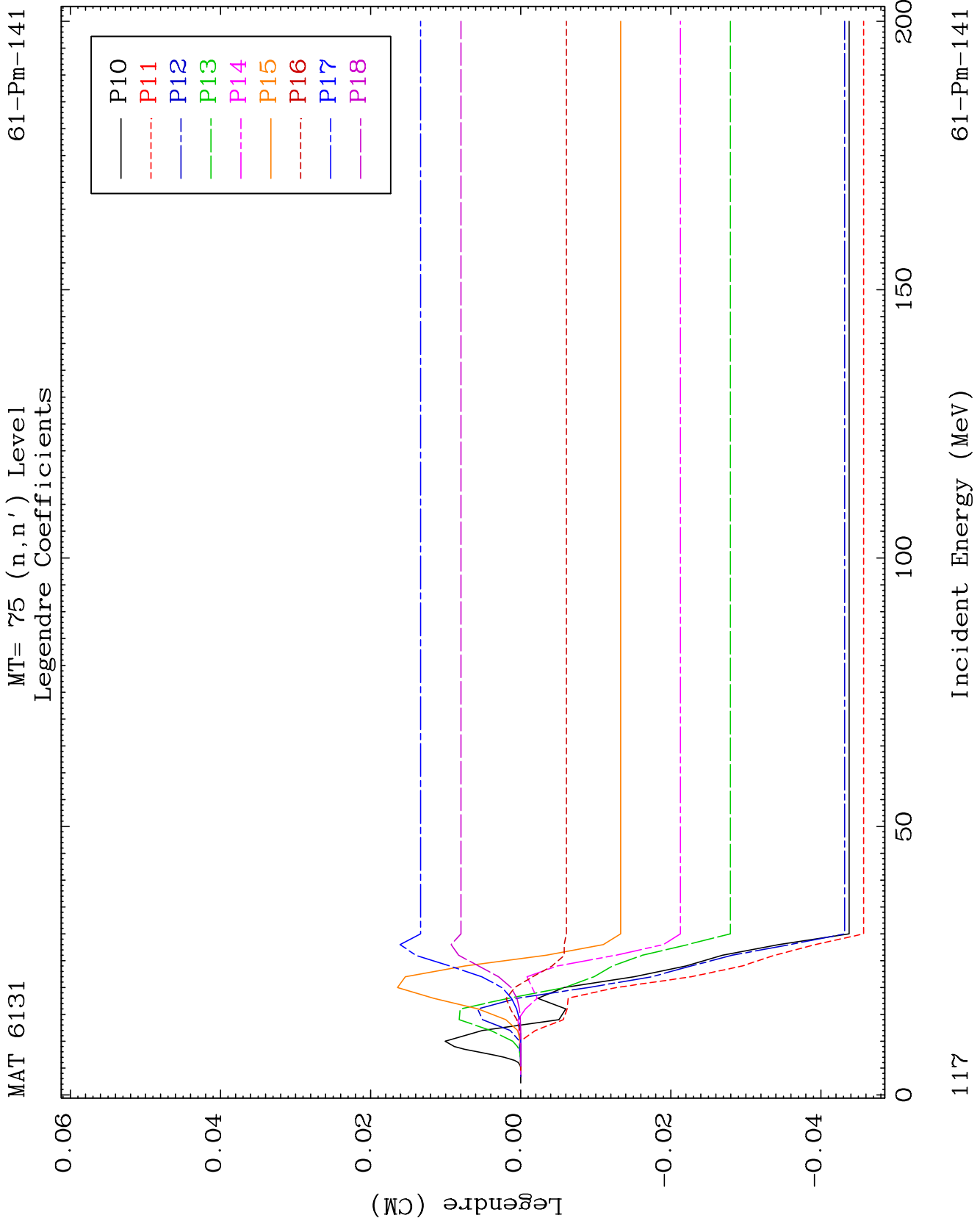
MAT 6131

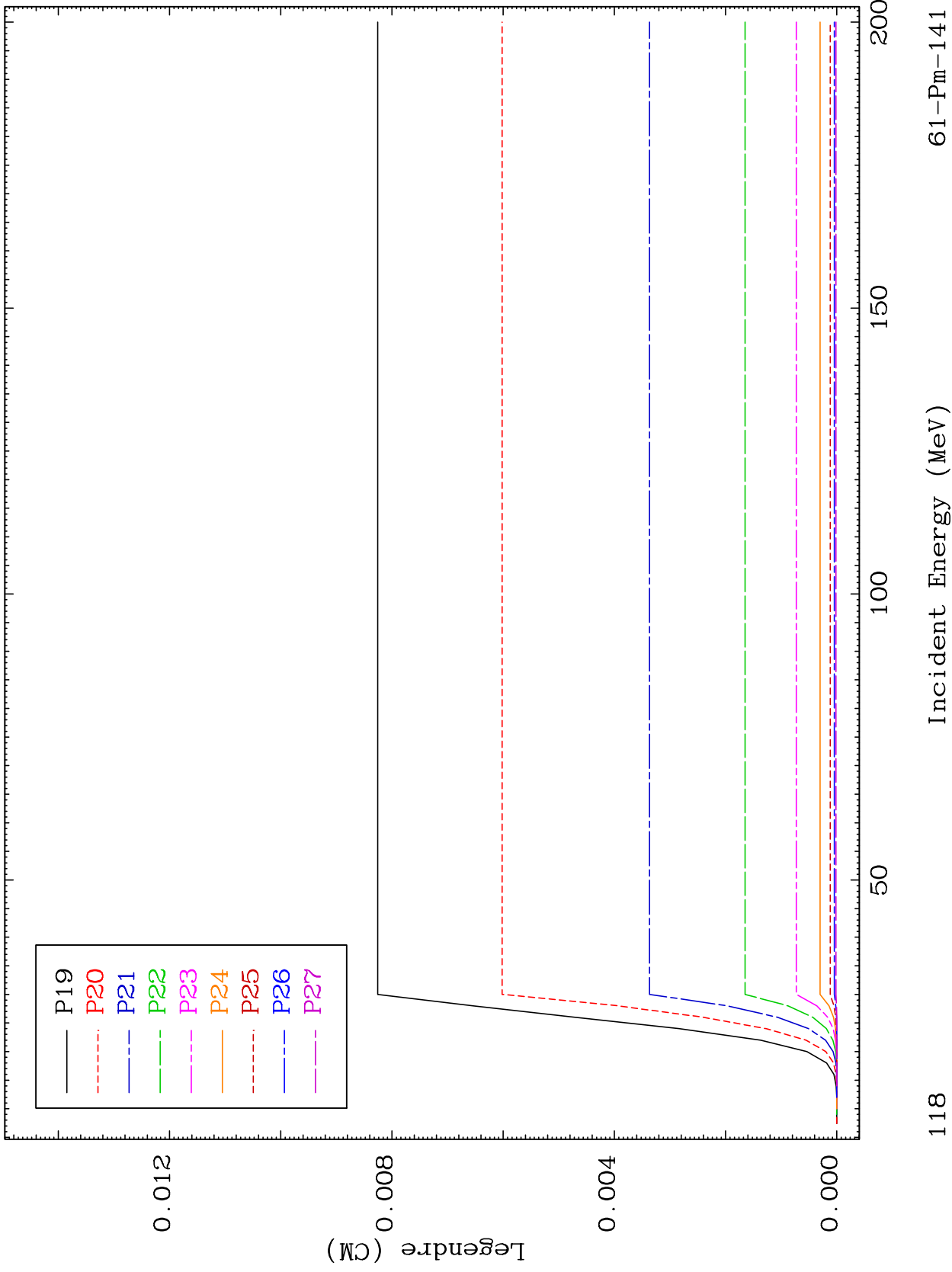
MT= 74 (n,n') Level
Legendre Coefficients

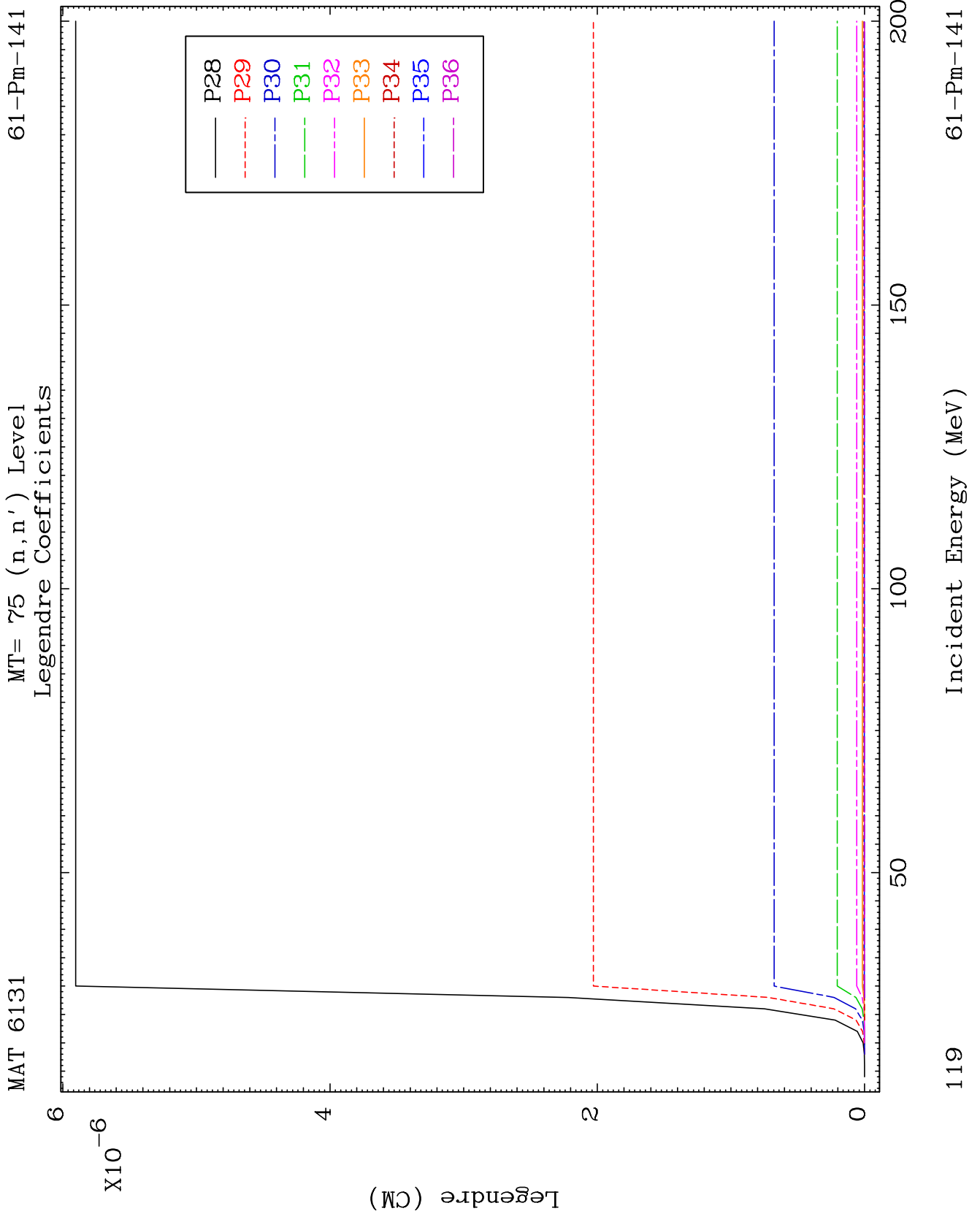
61-Pm-141

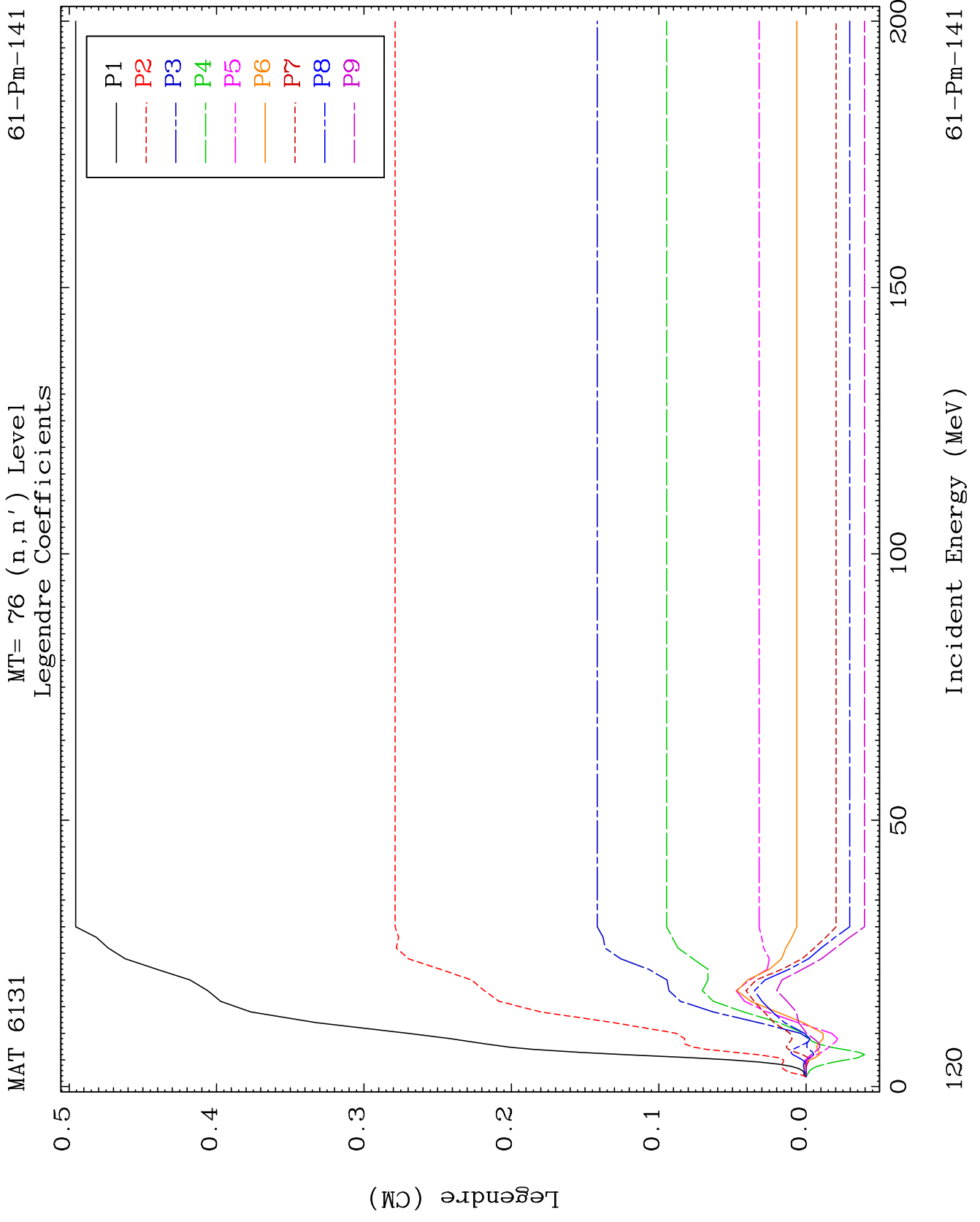








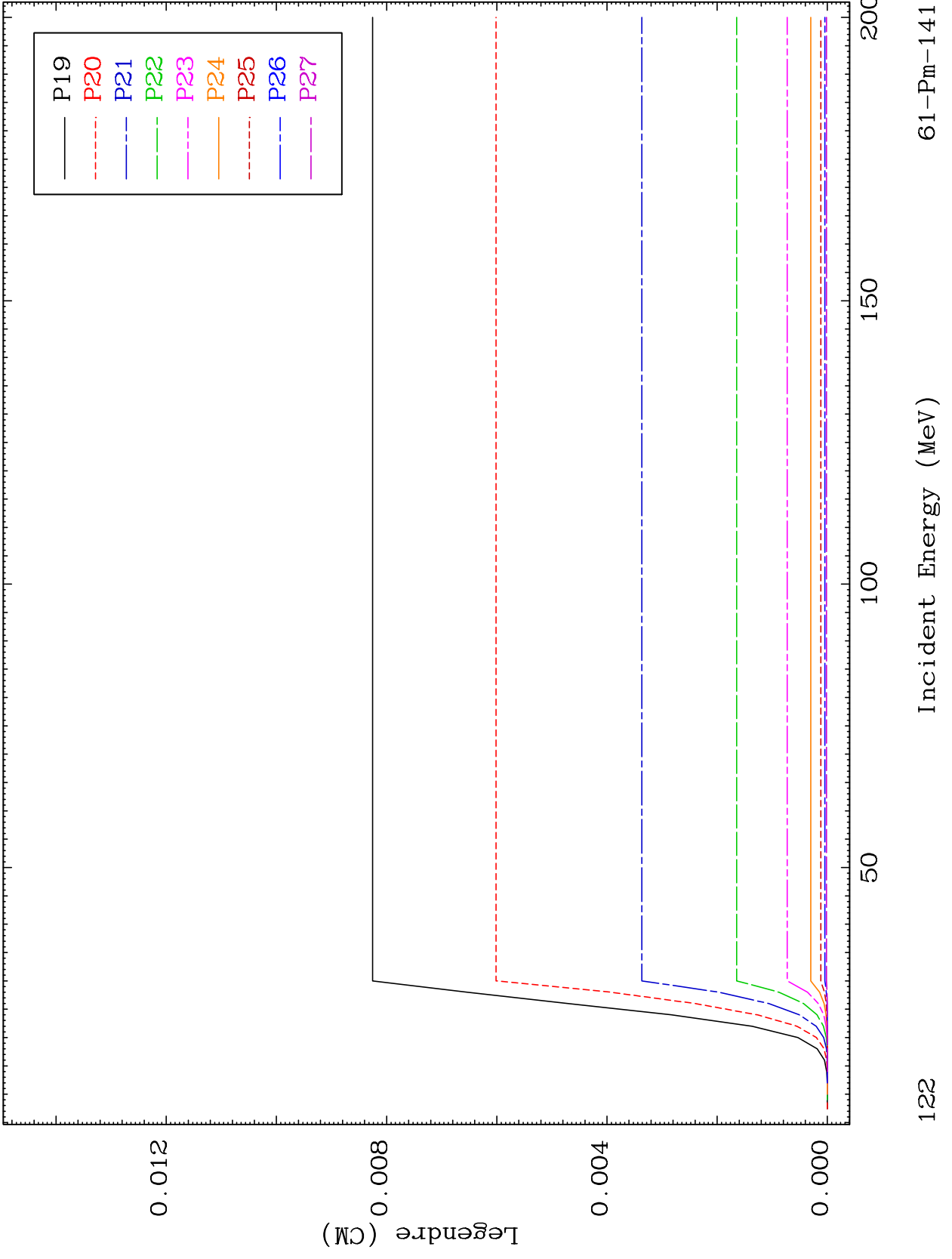




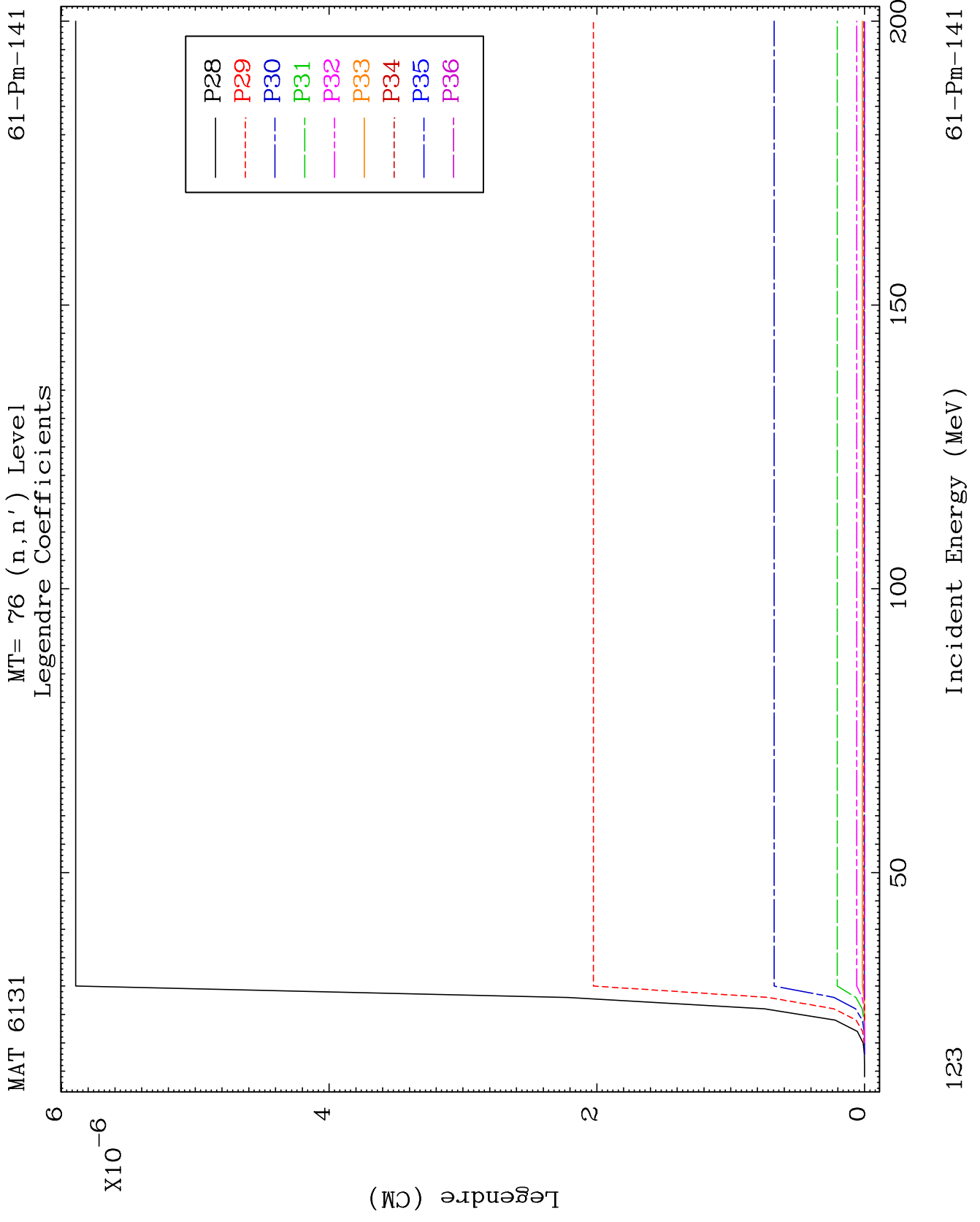
MAT 6131

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

61-Pm-141



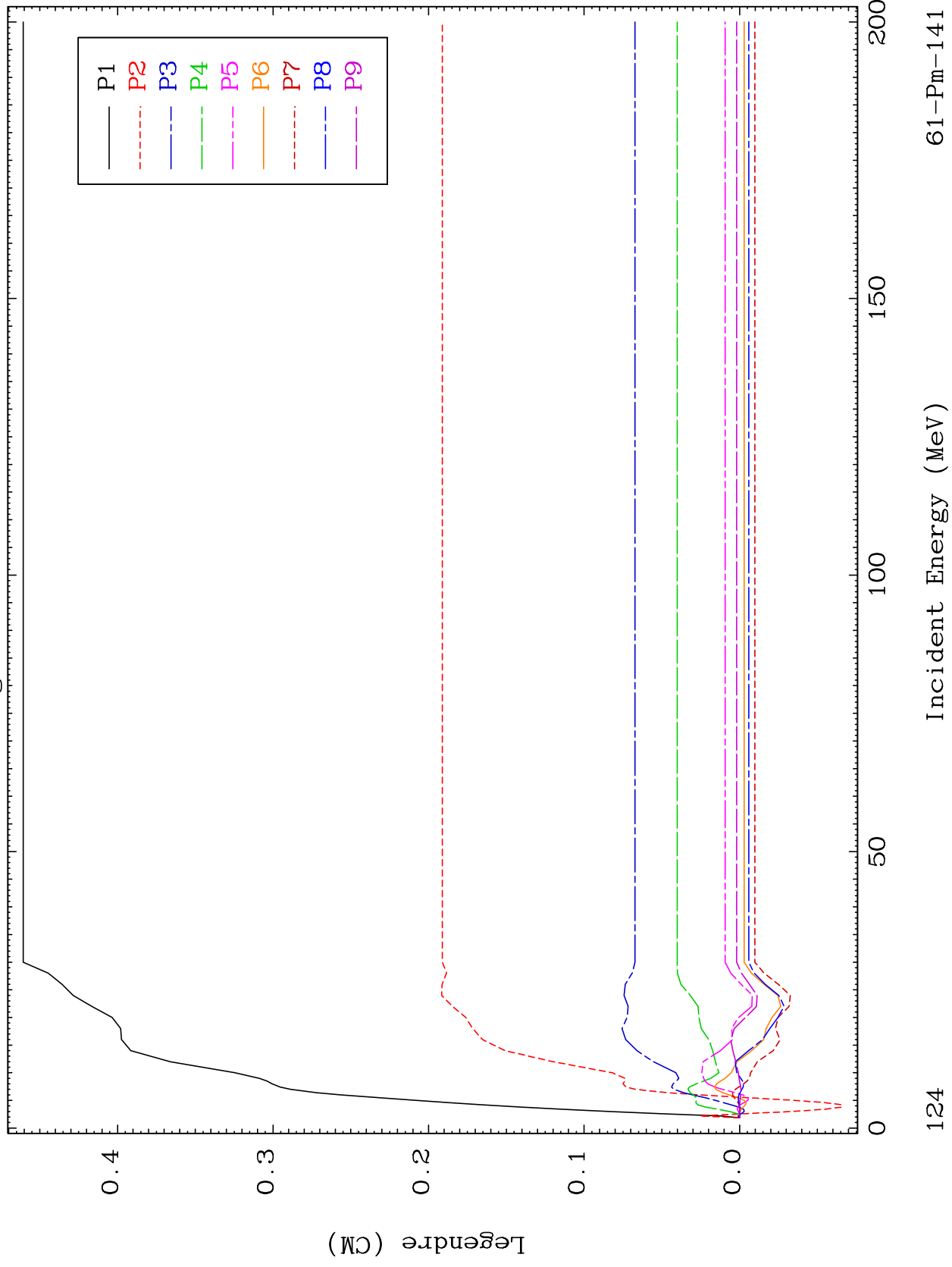
122



MAT 6131

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

61-Pm-141



61-Pm-141

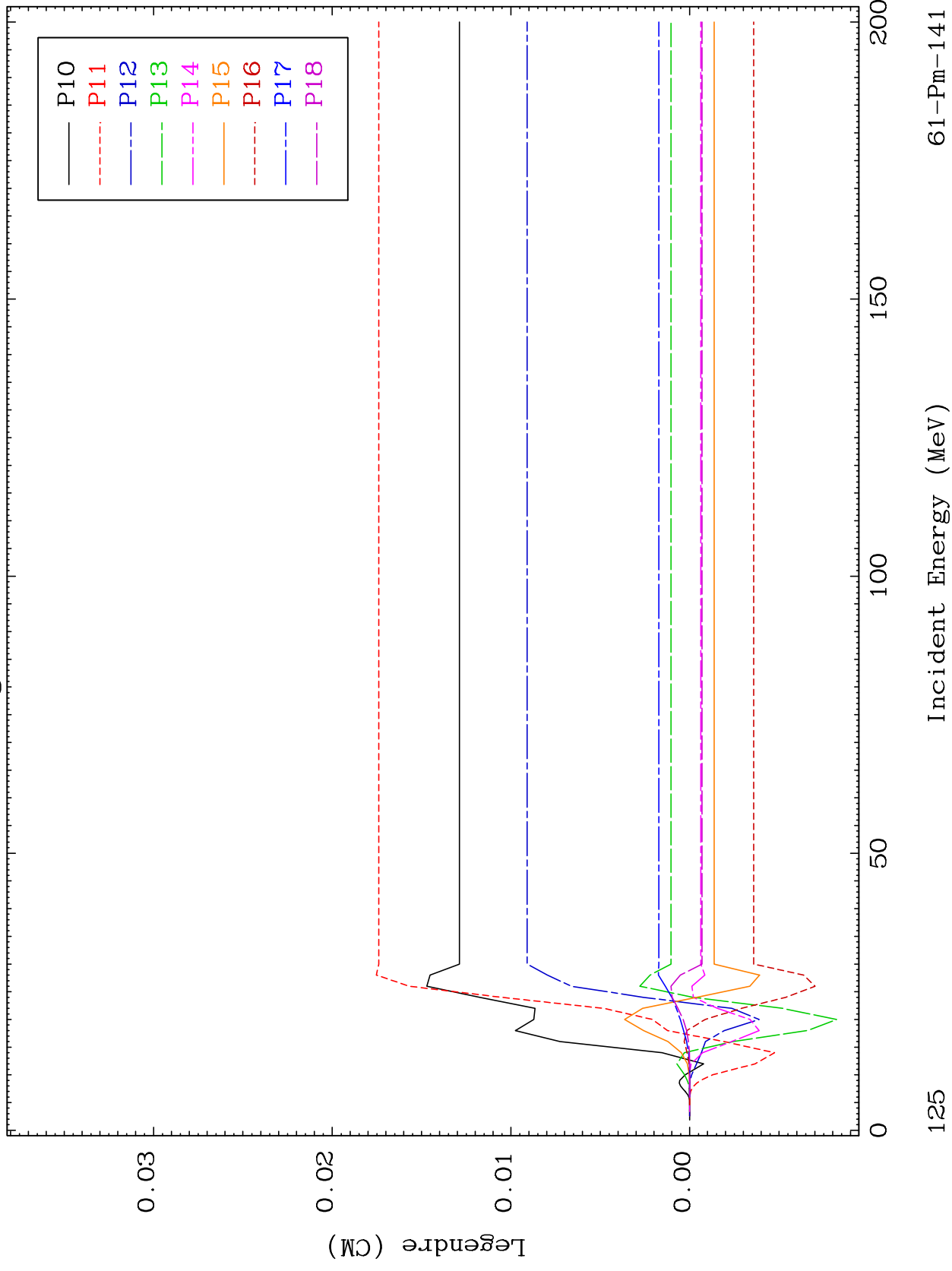
Incident Energy (MeV)

124

MAT 6131

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

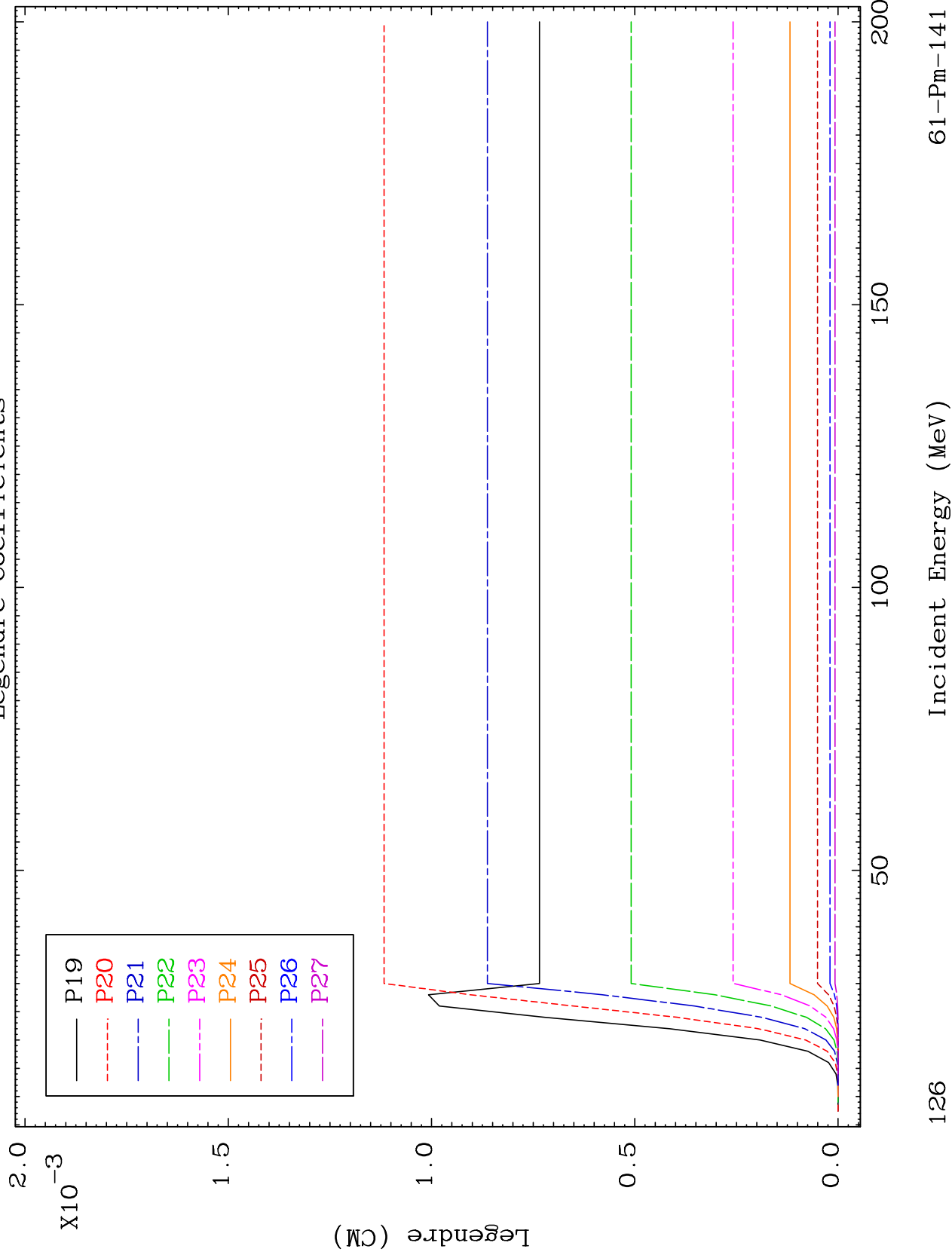
61-Pm-141



61-Pm-141

Incident Energy (MeV)

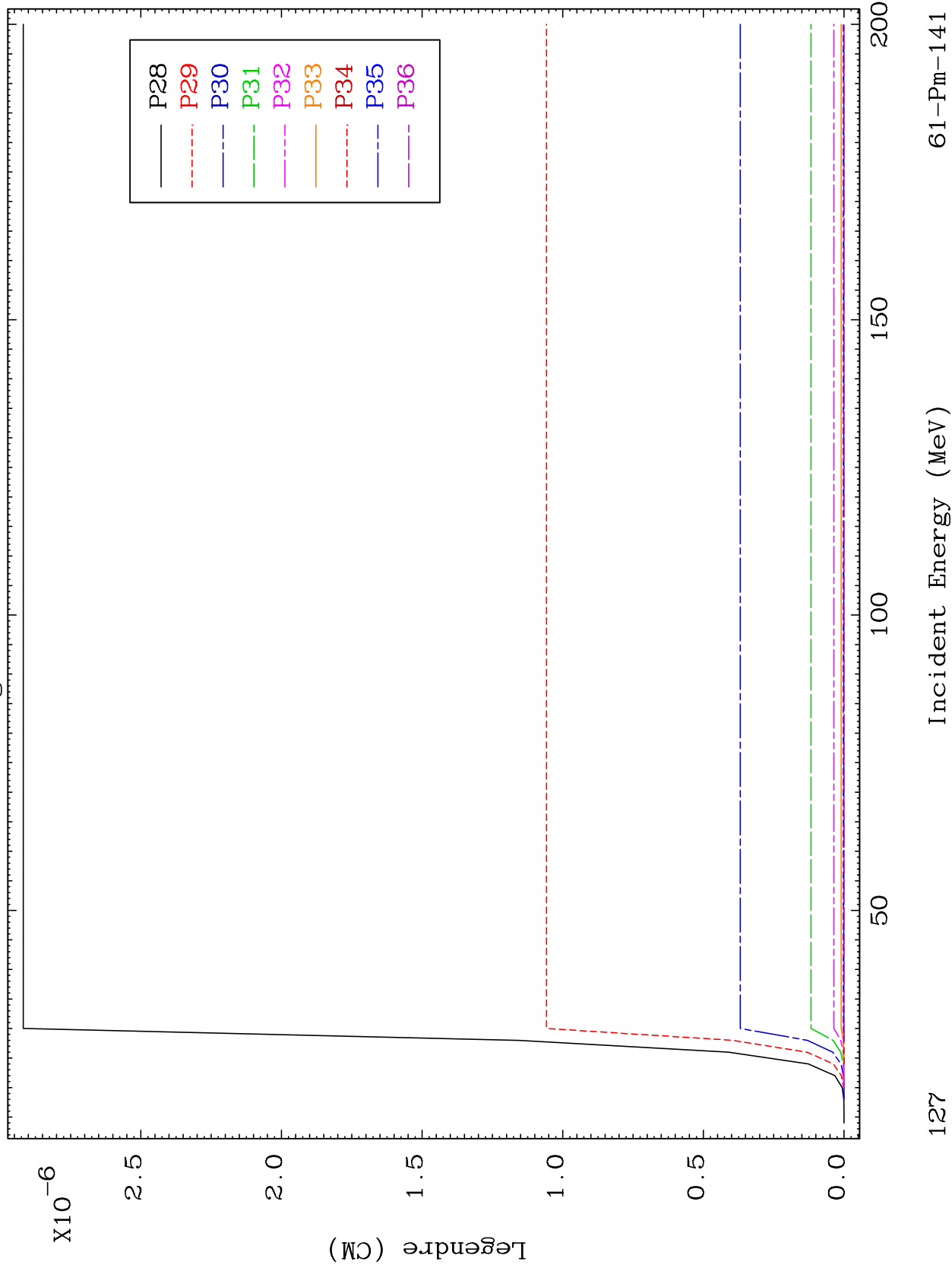
125



MAT 6131

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

61-Pm-141

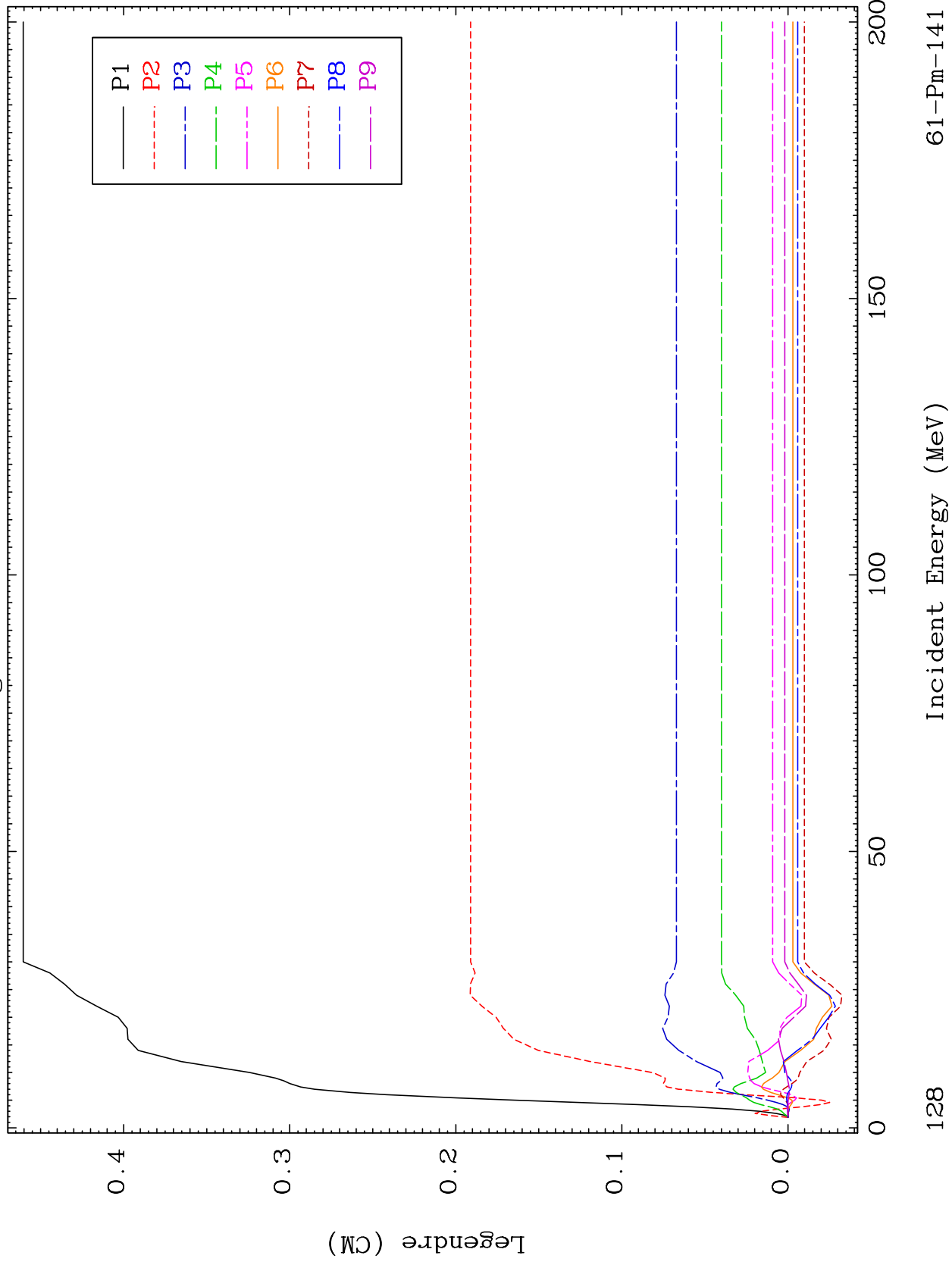


127

MAT 6131

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

61-Pm-141



61-Pm-141

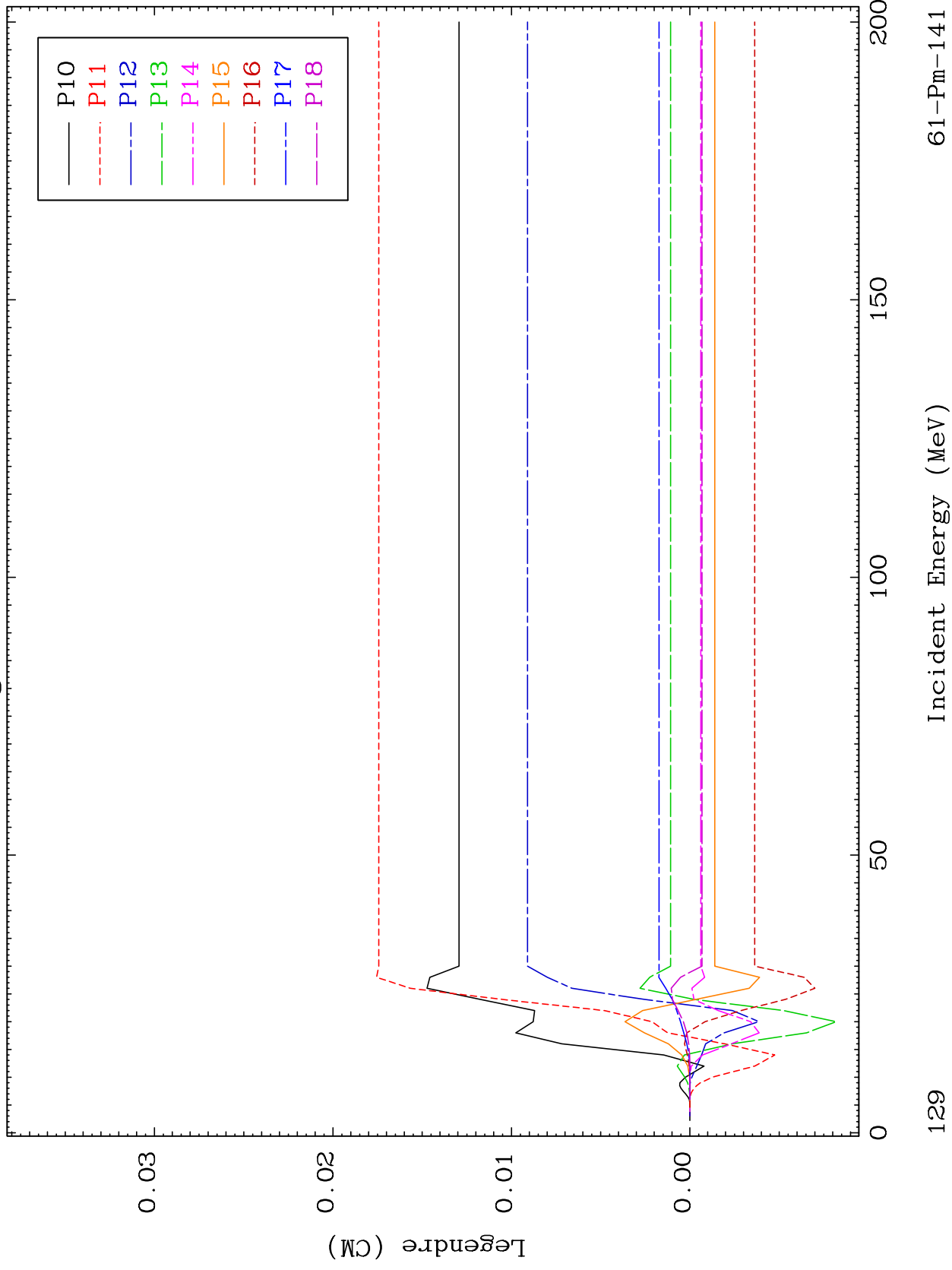
Incident Energy (MeV)

128

MAT 6131

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

61-Pm-141



129

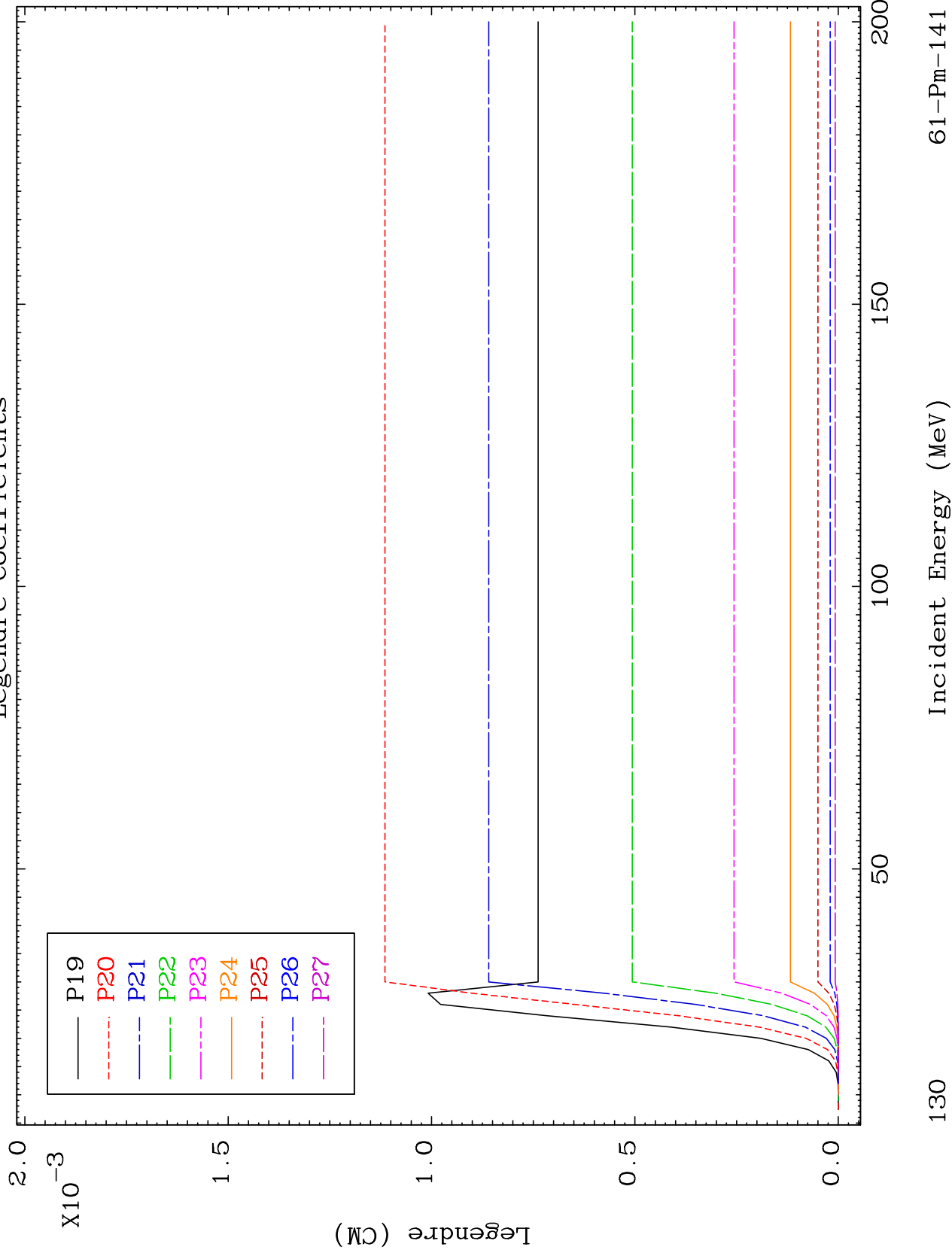
Incident Energy (MeV)

61-Pm-141

MAT 6131

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

61-Pm-141



130

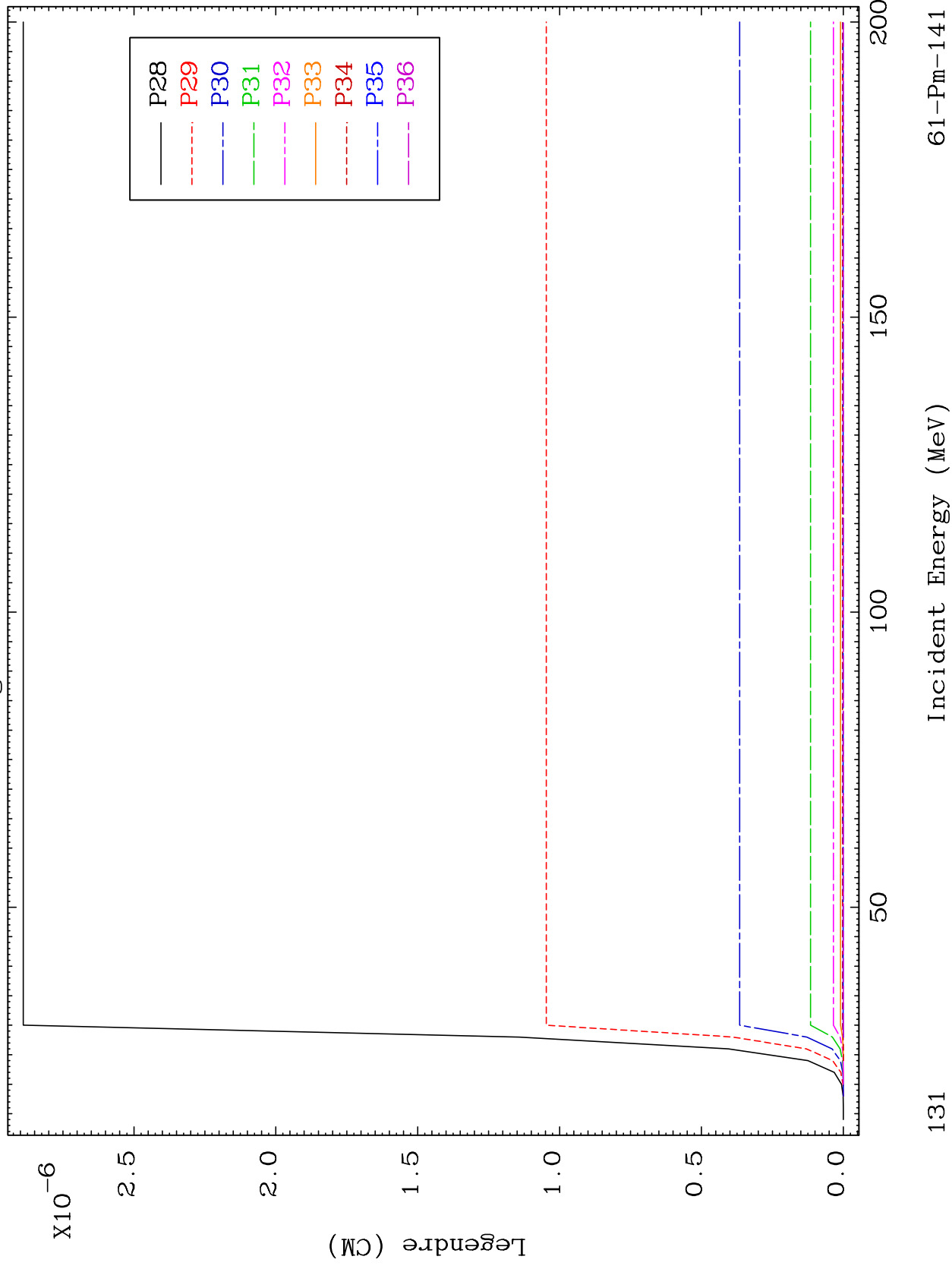
Incident Energy (MeV)

61-Pm-141

MAT 6131

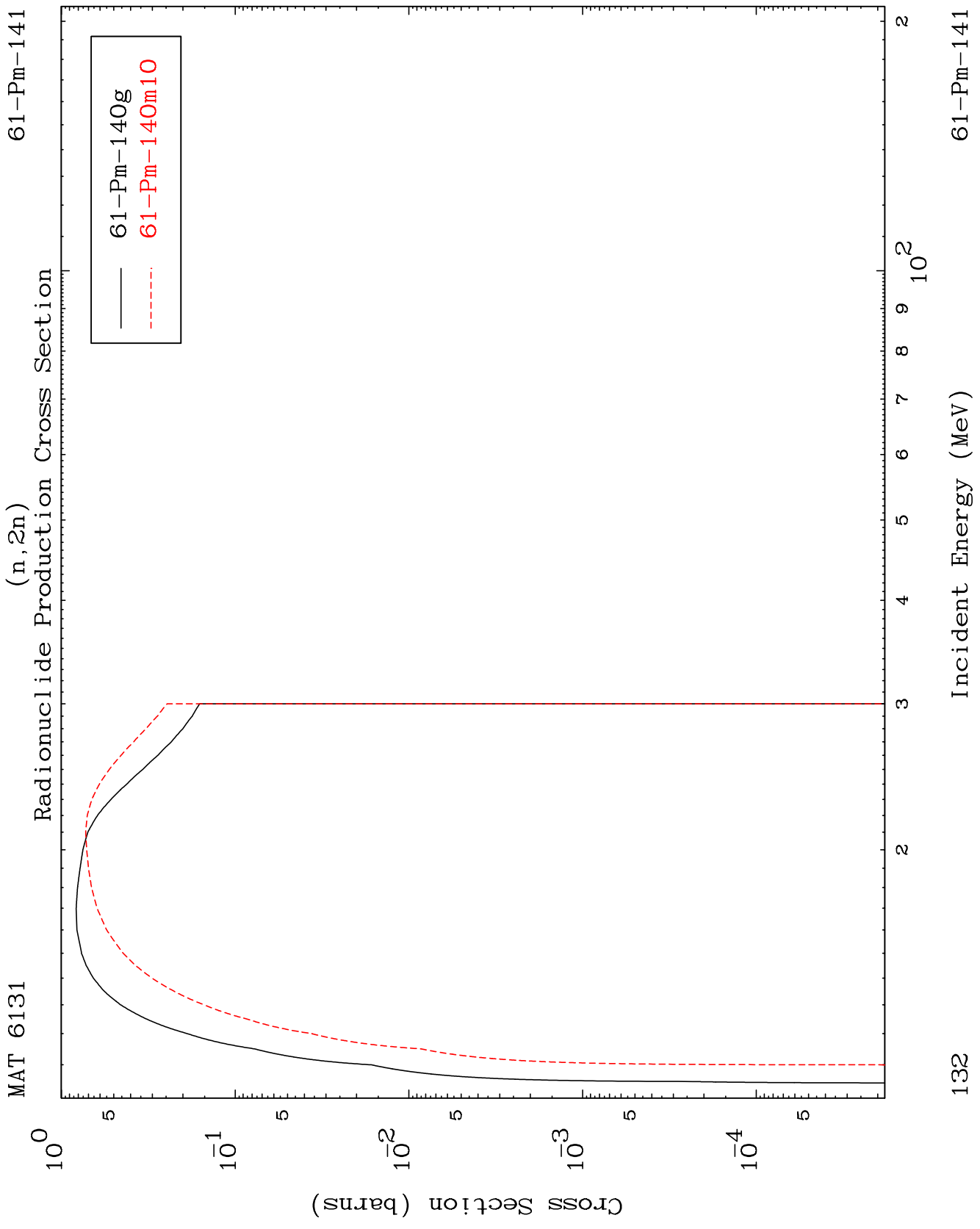
MT= 78 (n,n') Level
Legendre Coefficients

61-Pm-141



131

200

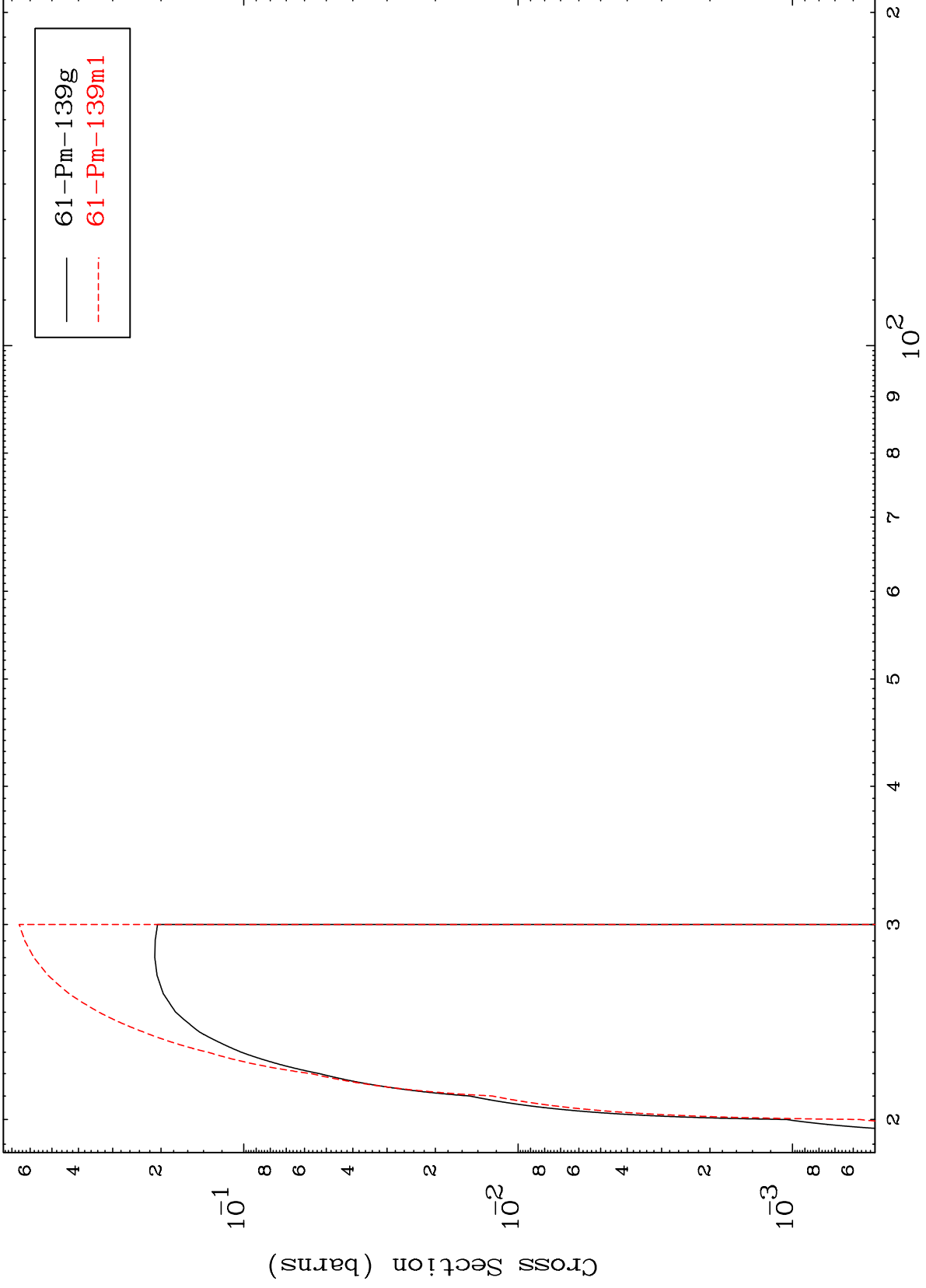


MAT 6131

(n,3n)

61-Pm-141

Radionuclide Production Cross Section



133

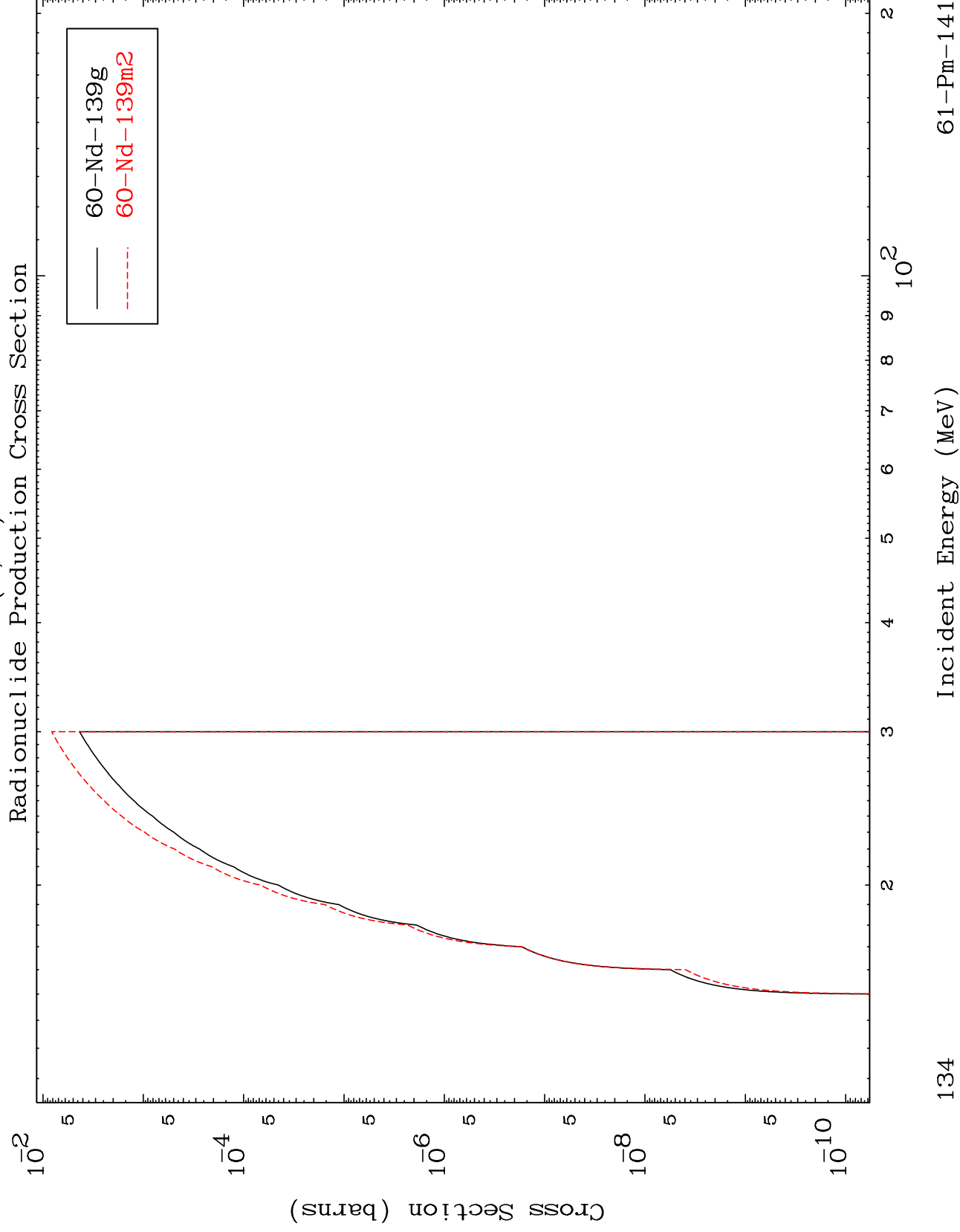
Incident Energy (MeV)

61-Pm-141

MAT 6131

(n,n') d

61-Pm-141



134

Incident Energy (MeV)

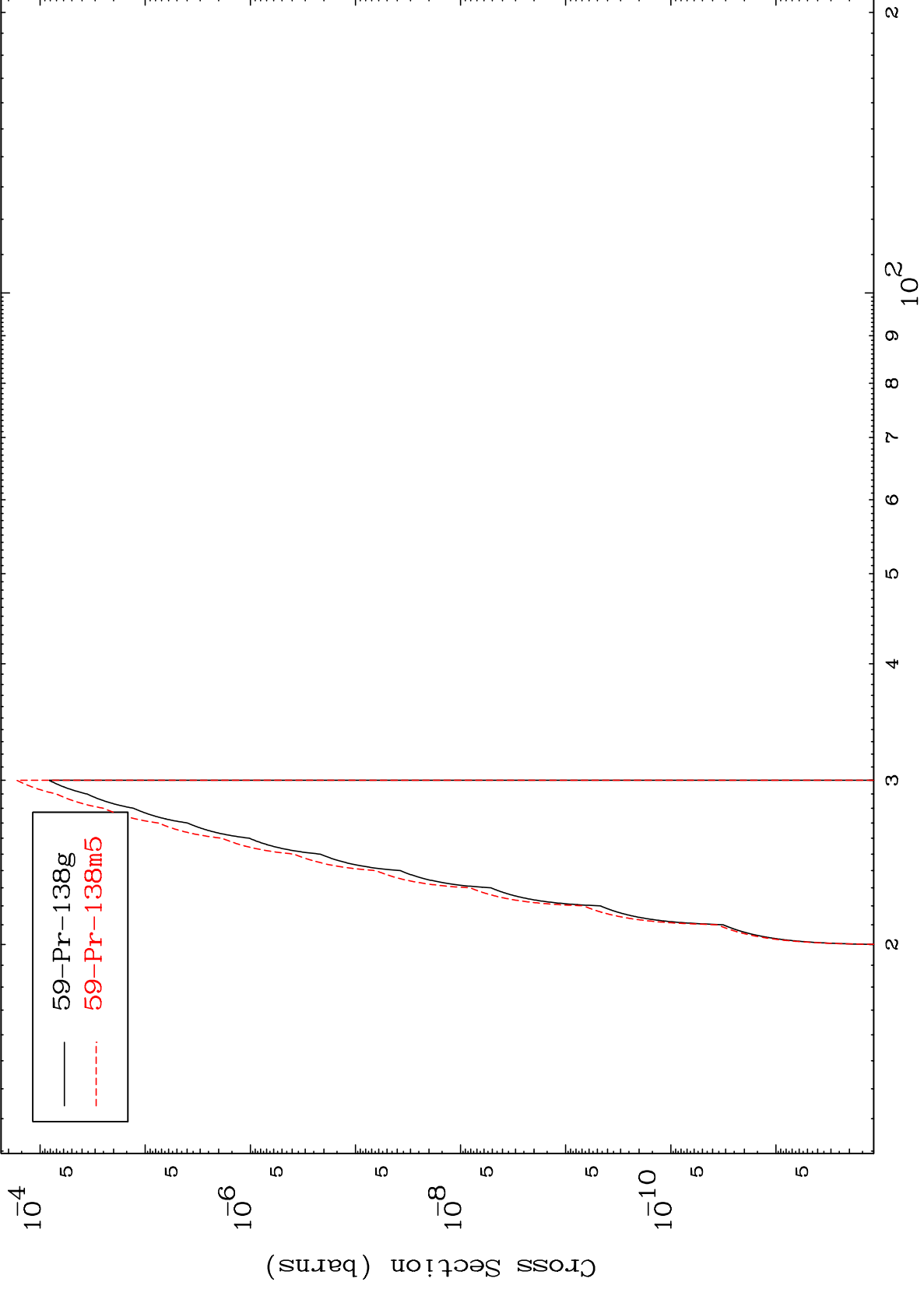
61-Pm-141

MAT 6131

(n,n') He-3

61-Pm-141

Radionuclide Production Cross Section



135

Incident Energy (MeV)

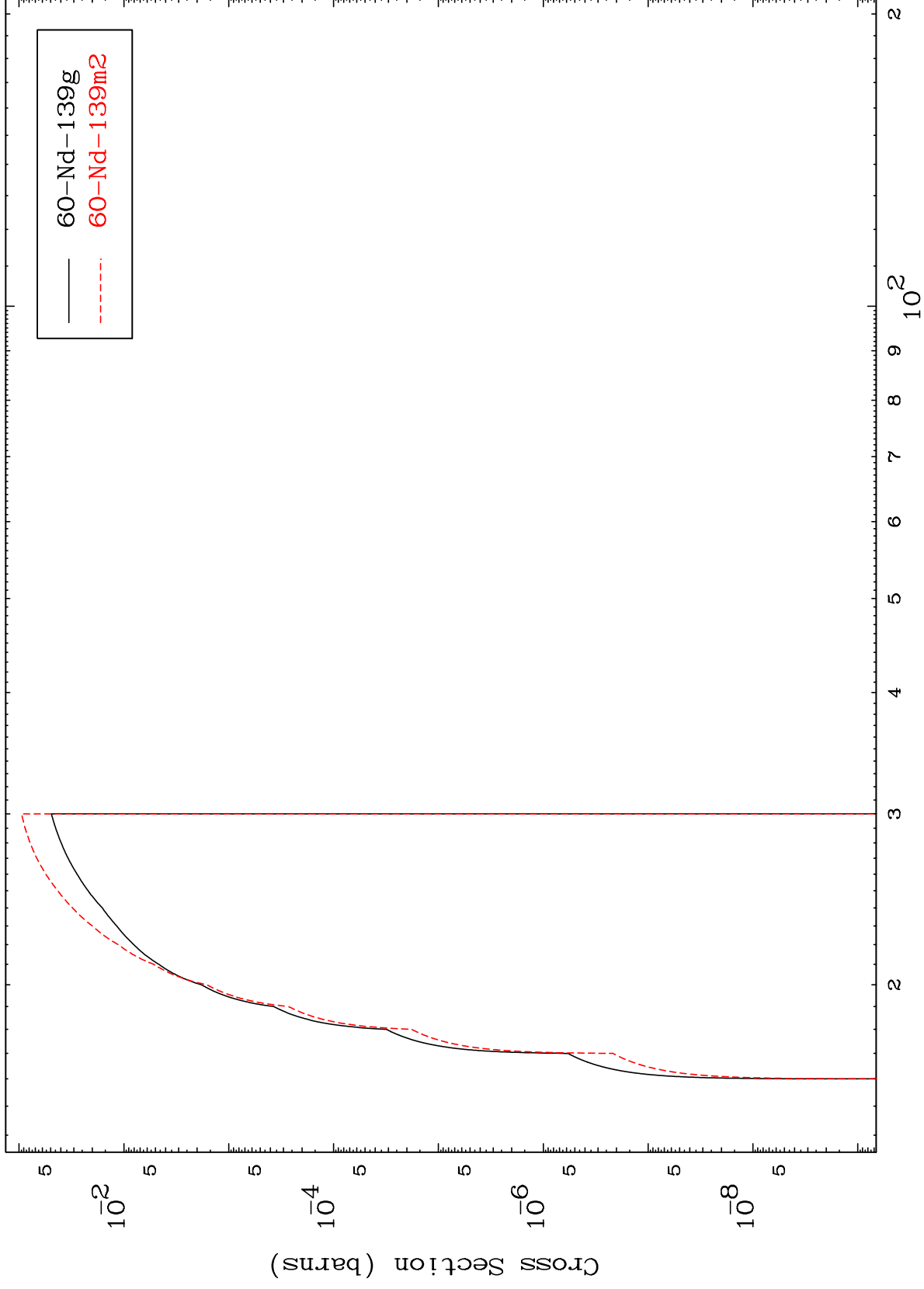
61-Pm-141

MAT 6131

(n,2n) p

61-Pm-141

Radionuclide Production Cross Section



136

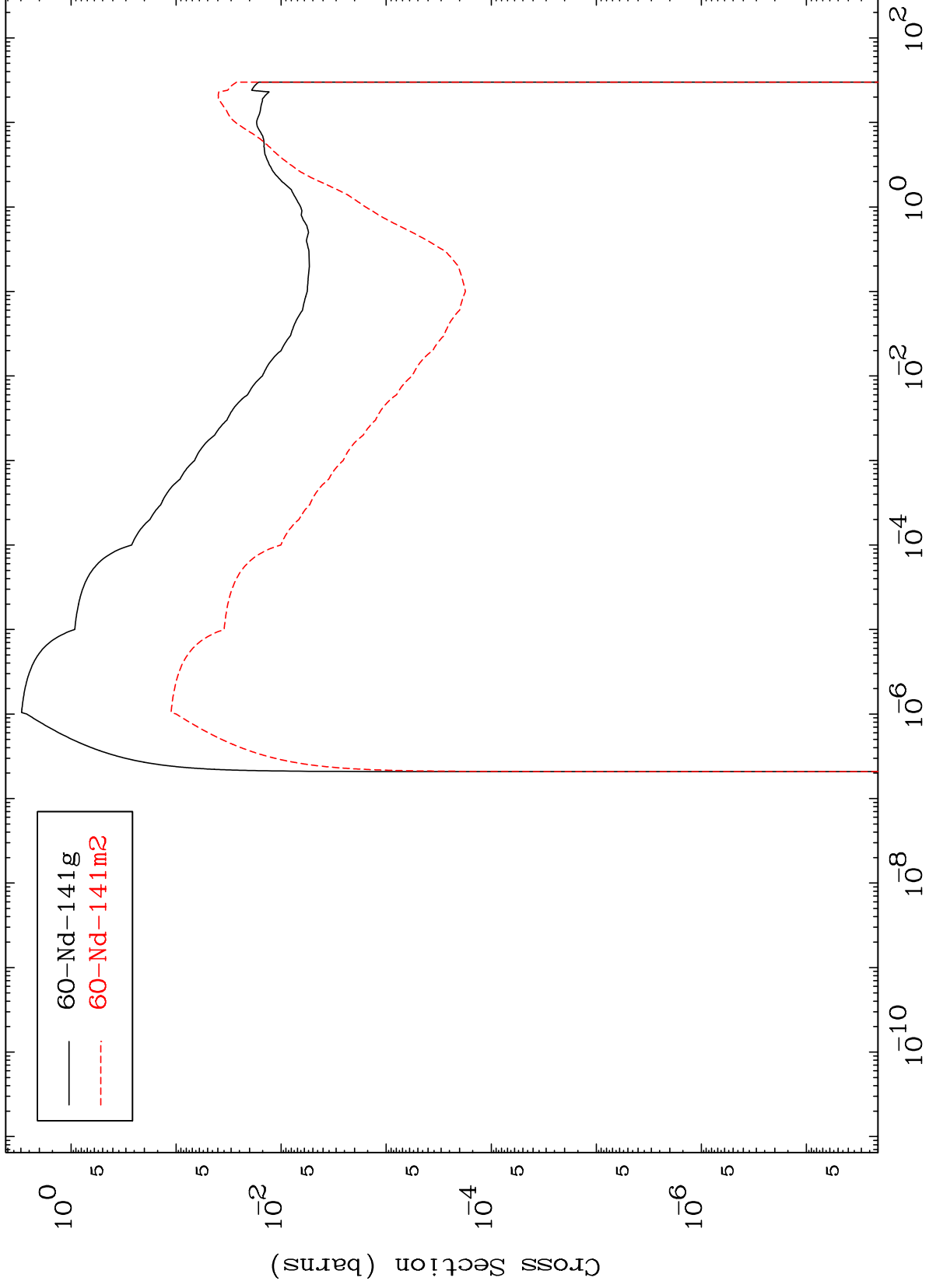
Incident Energy (MeV)

61-Pm-141

MAT 6131

61-Pm-141

(n,p)
Radionuclide Production Cross Section

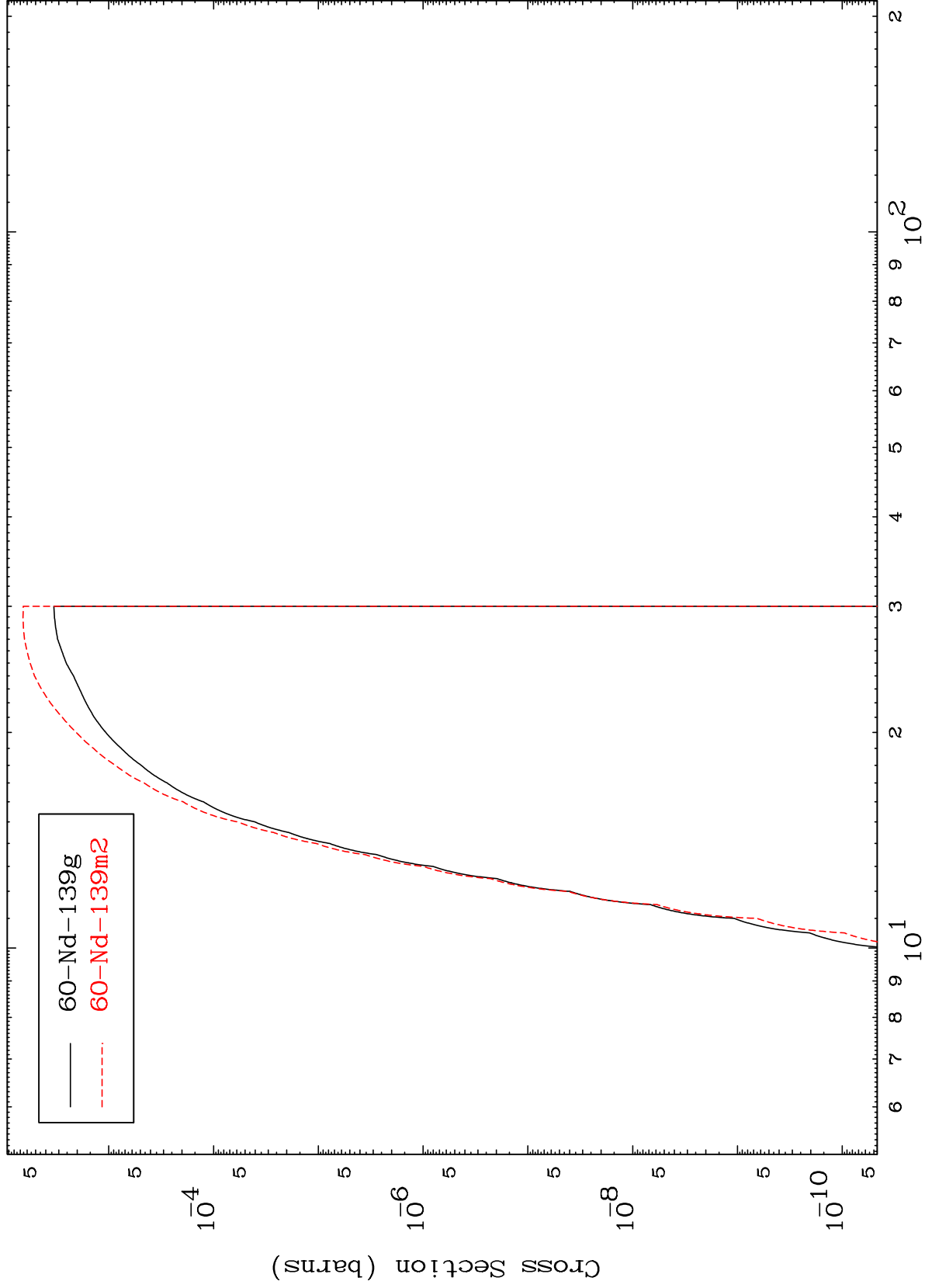


— 60-Nd-141g
- - - 60-Nd-141m2

MAT 6131

61-Pm-141

(n, t)
Radionuclide Production Cross Section



138

Incident Energy (MeV)

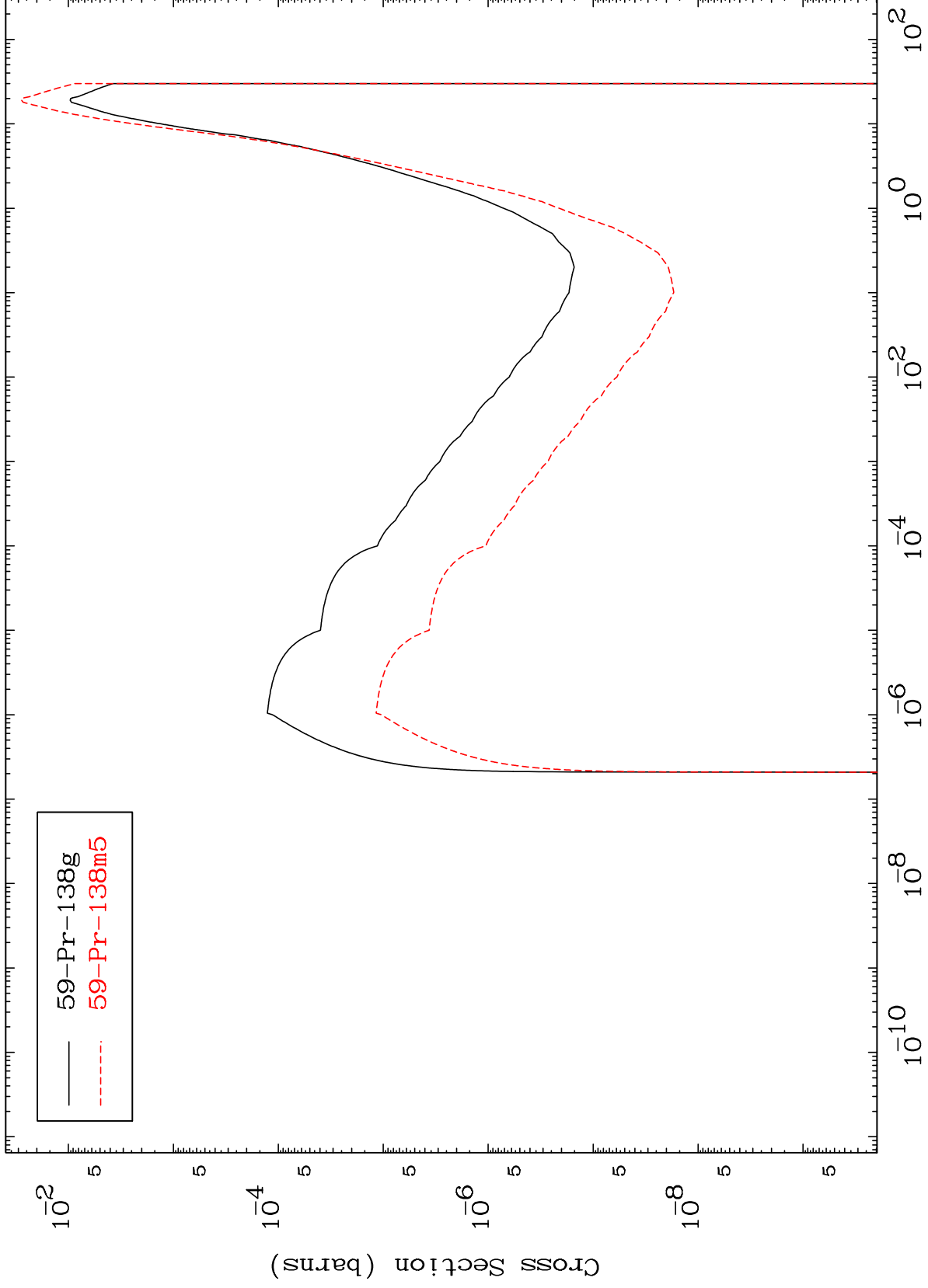
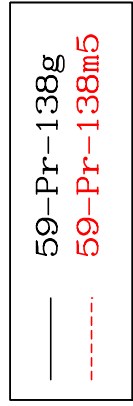
61-Pm-141

MAT 6131

(n, α)

61-Pm-141

Radionuclide Production Cross Section

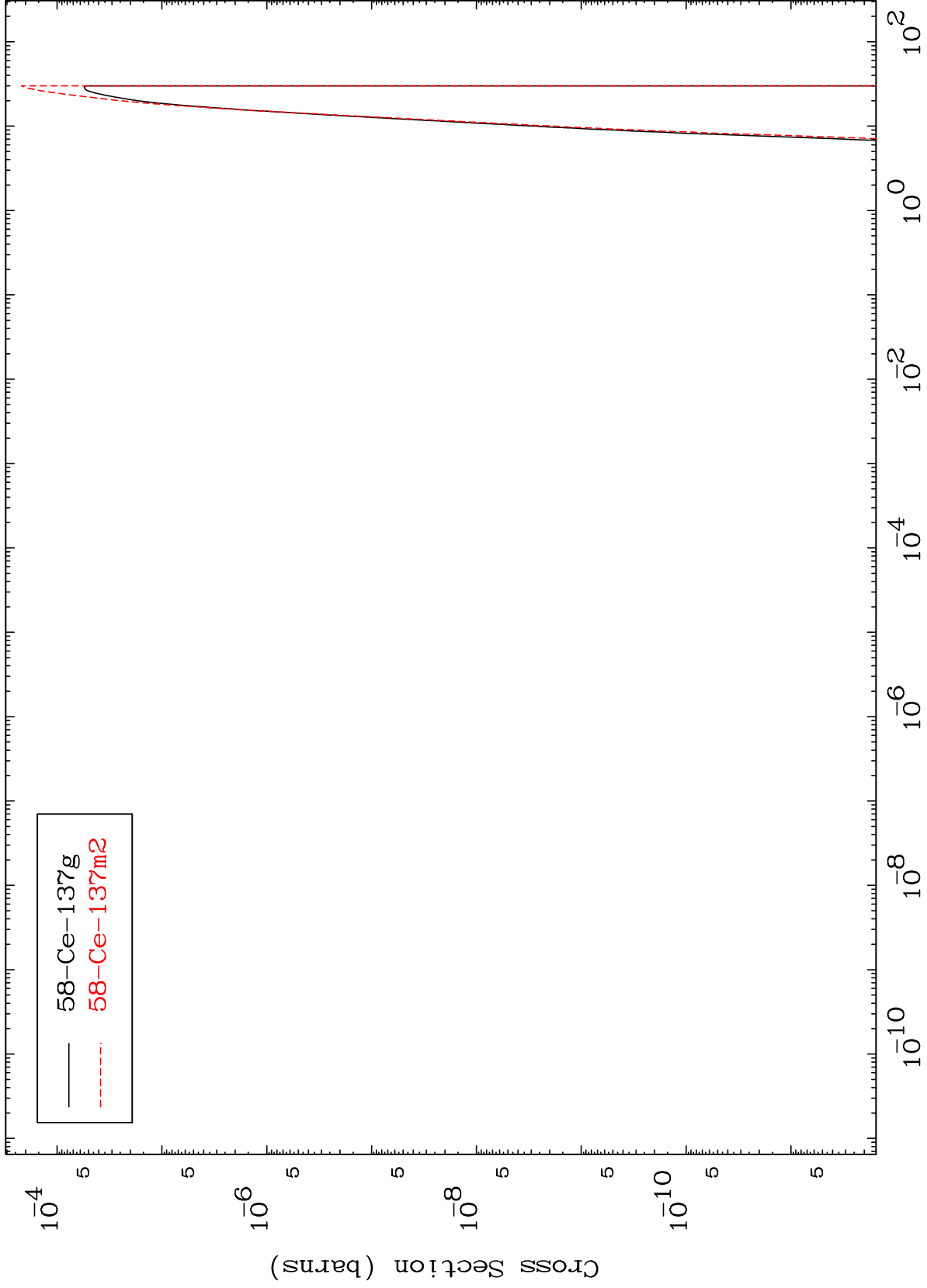


MAT 6131

(n,p) α

61-Pm-141

Radionuclide Production Cross Section



140

Incident Energy (MeV)

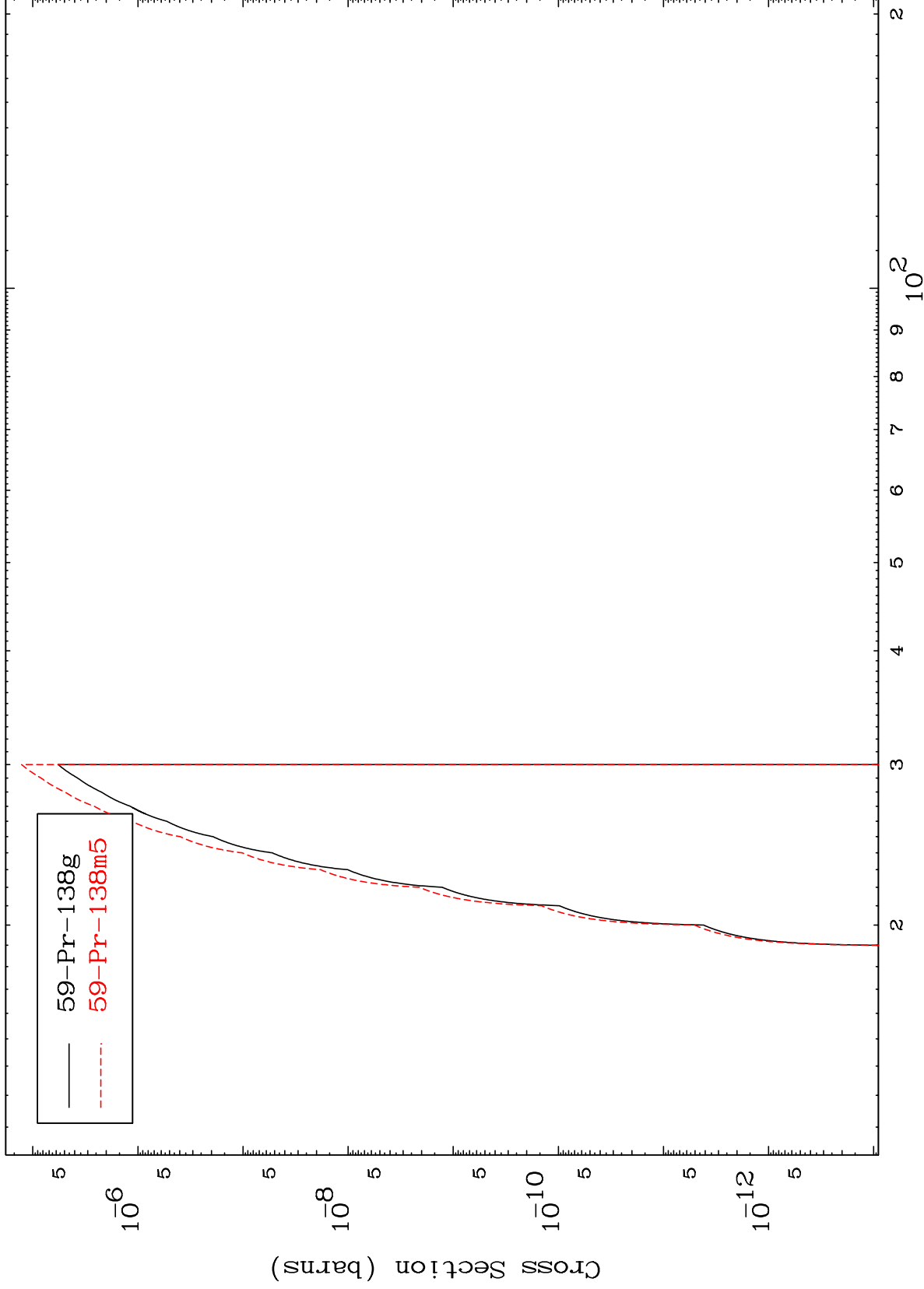
61-Pm-141

MAT 6131

(n,p) t

61-Pm-141

Radionuclide Production Cross Section



141

Incident Energy (MeV)

61-Pm-141