

Program EVALPLOT
(Version 2021-1)

by

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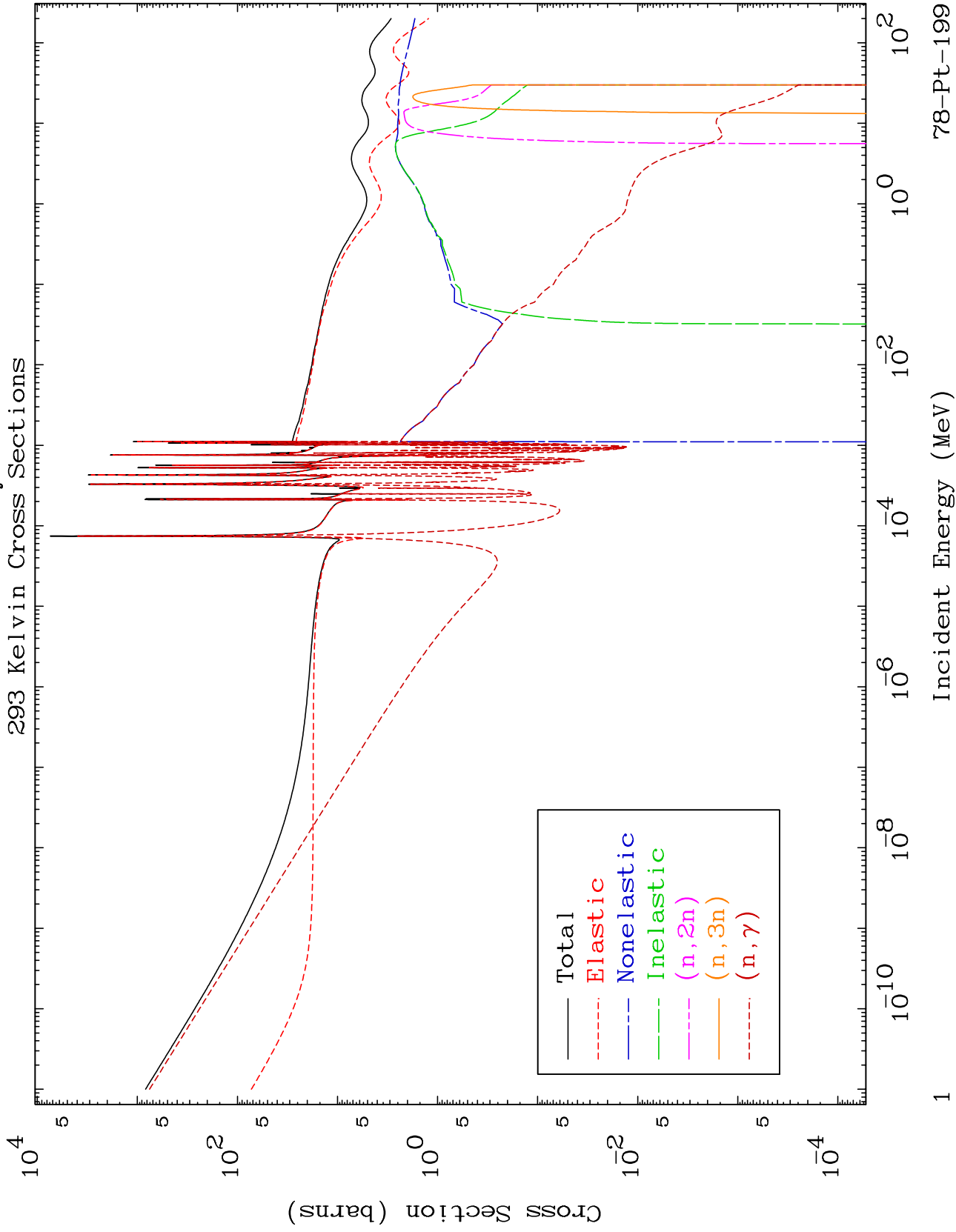
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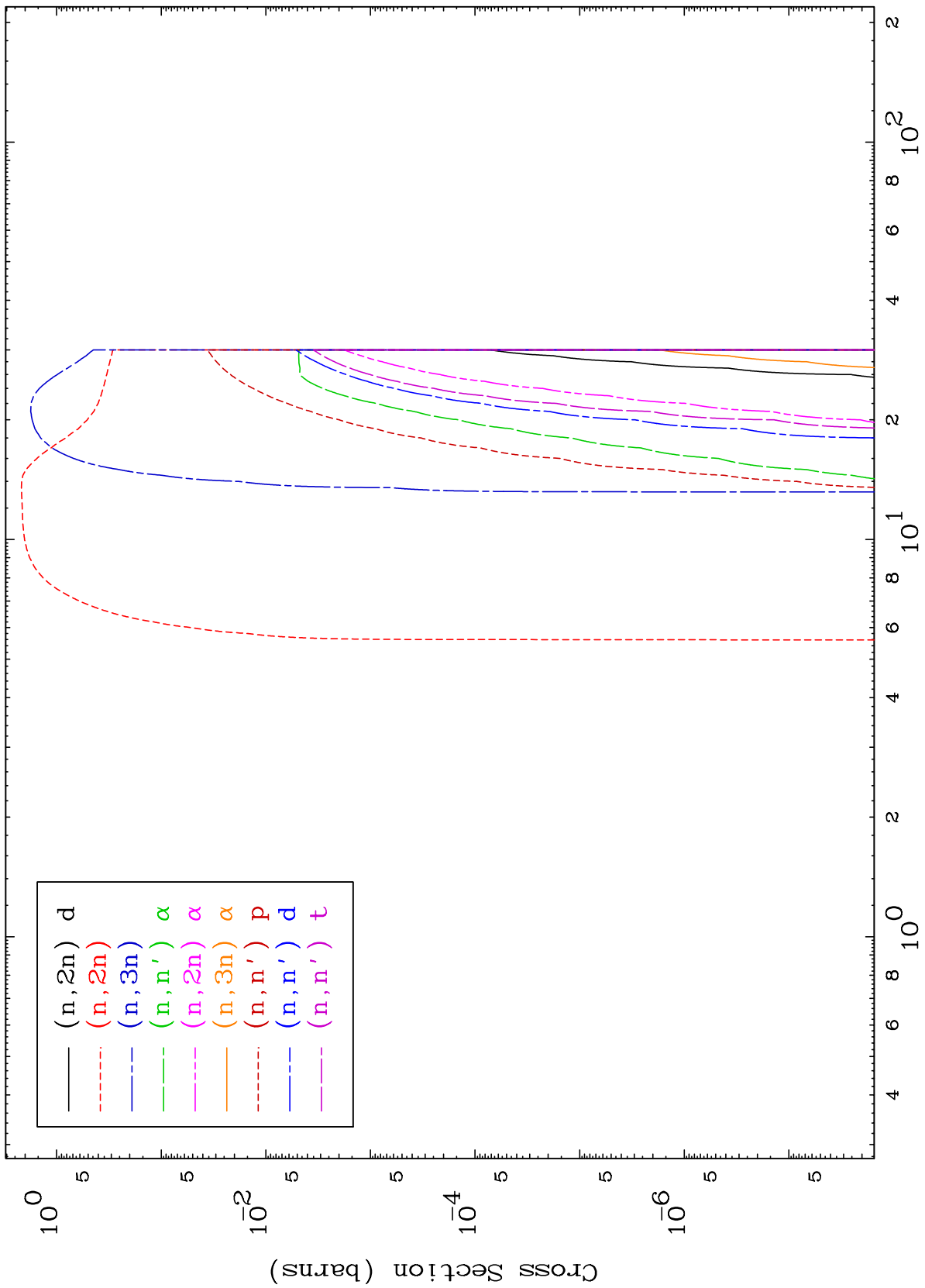
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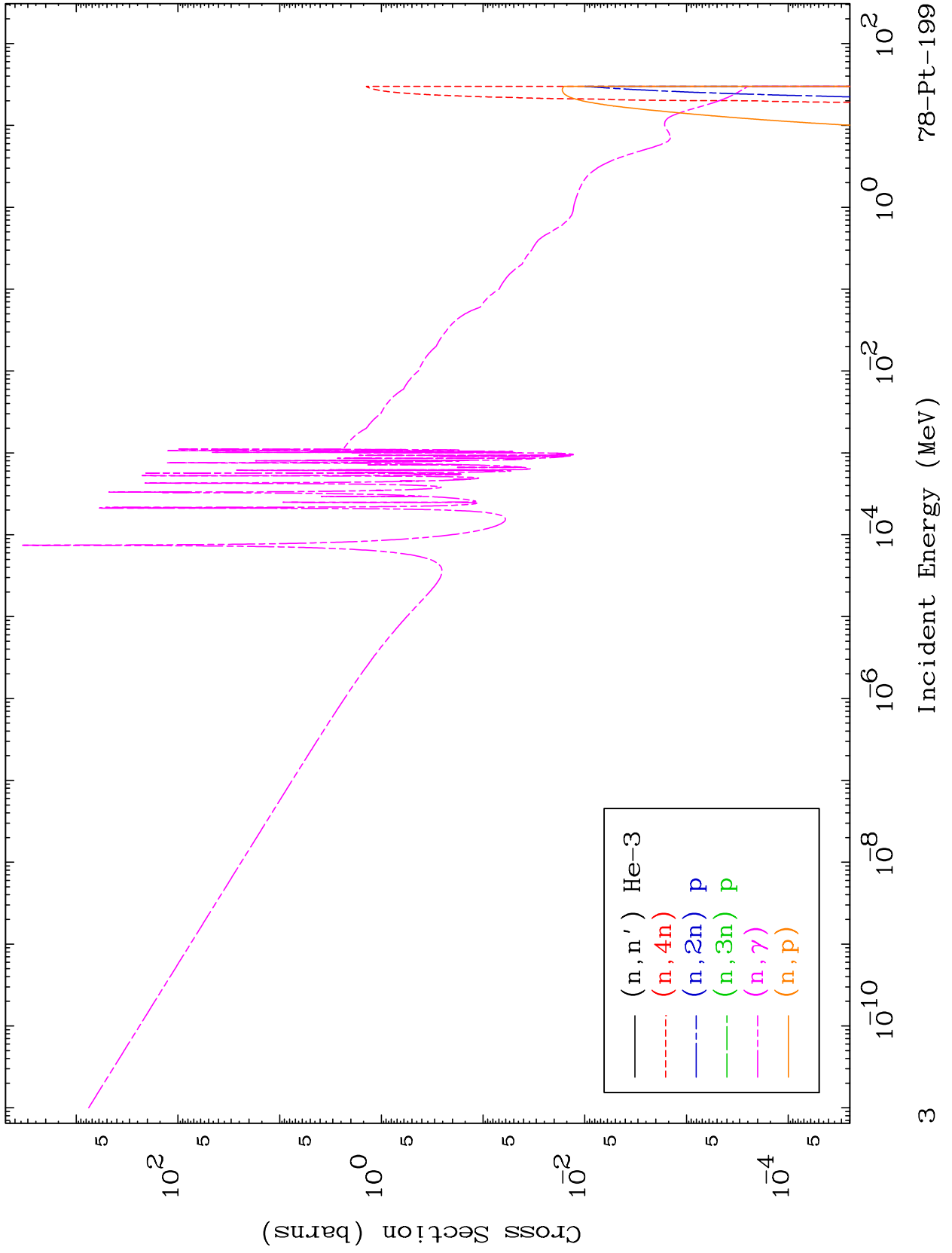
MAT 7852

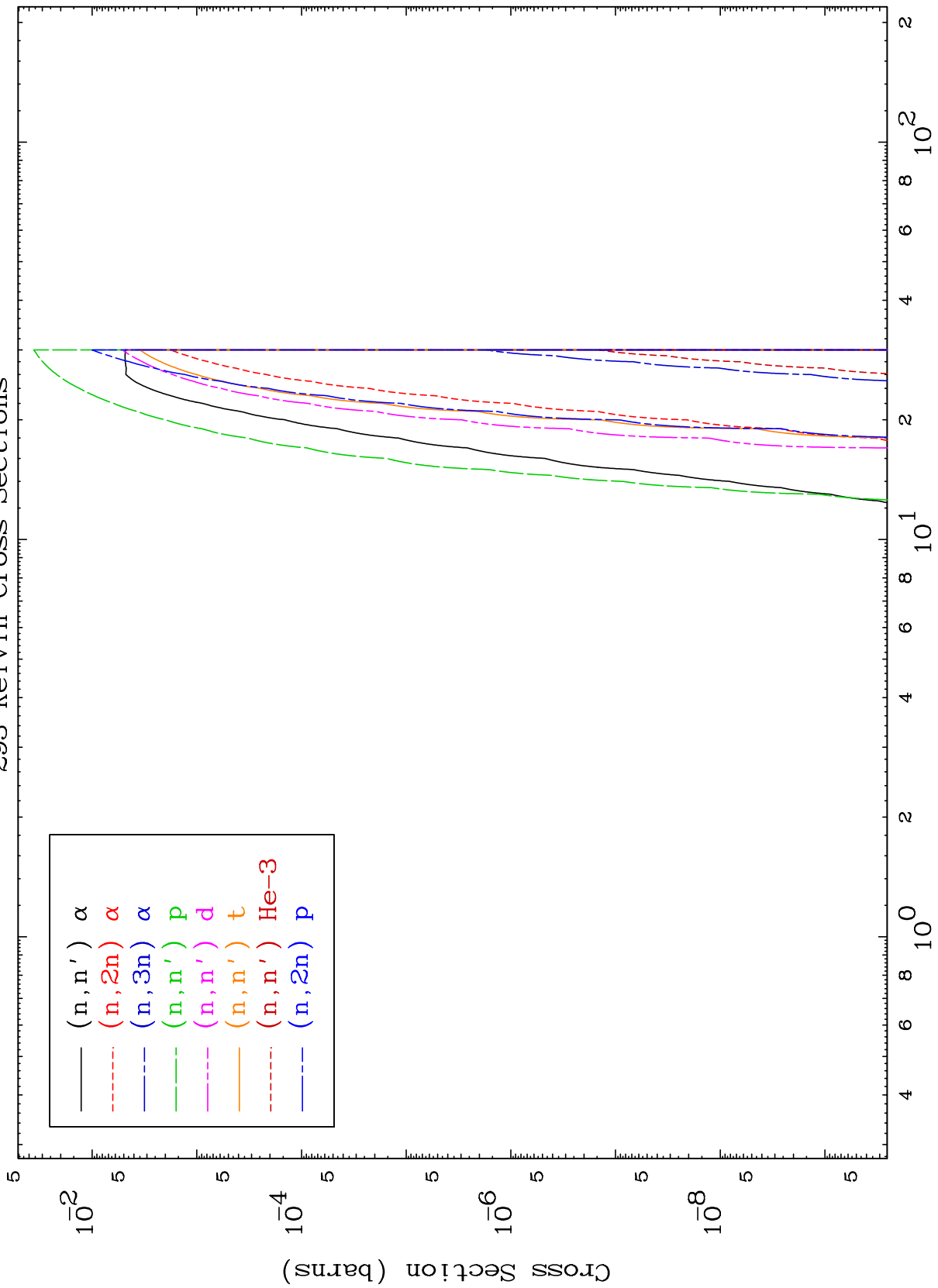
Neutron Major
293 Kelvin Cross Sections

78-Pt-199





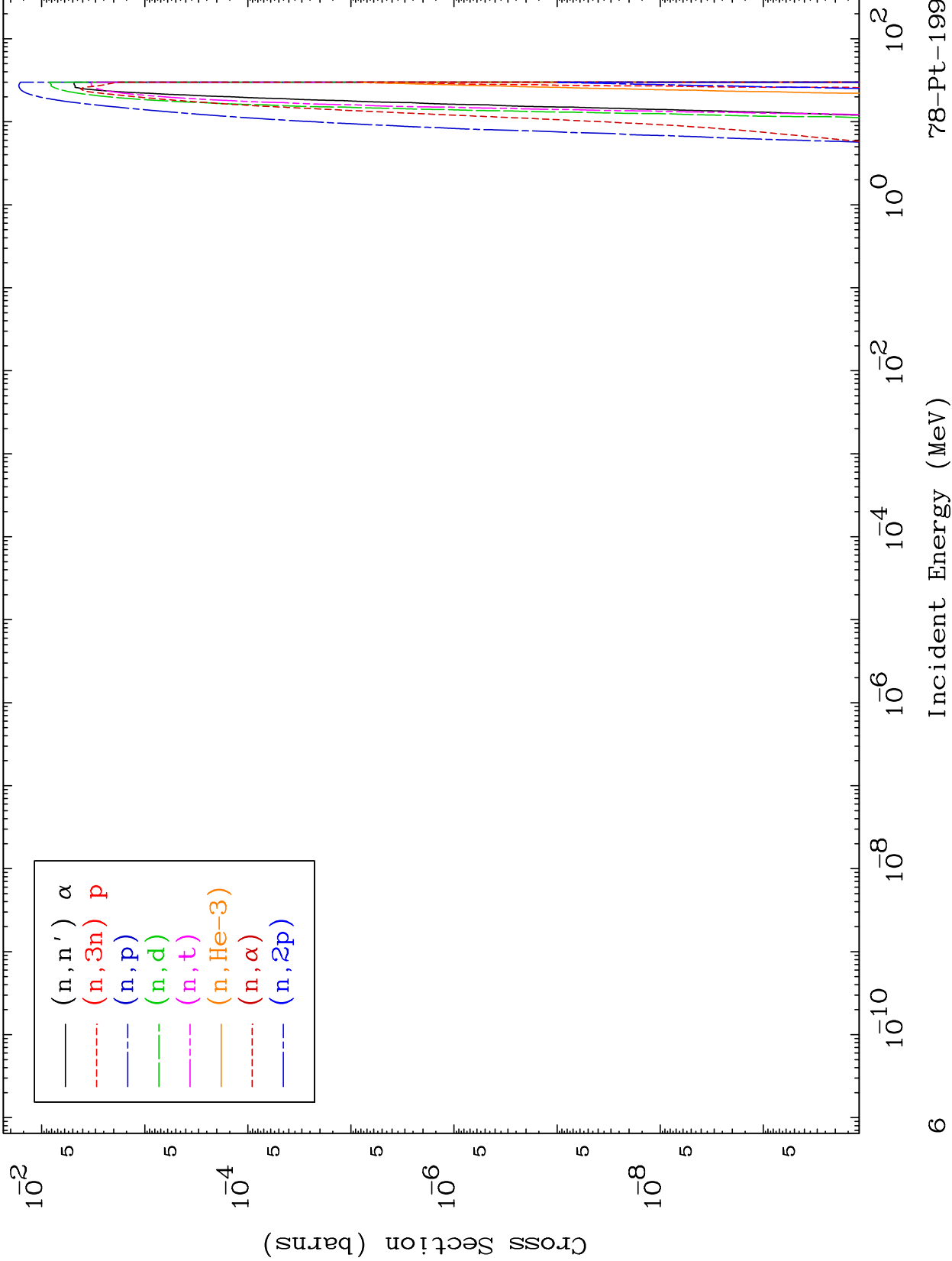




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Charged Particle
293 Kelvin Cross Sections

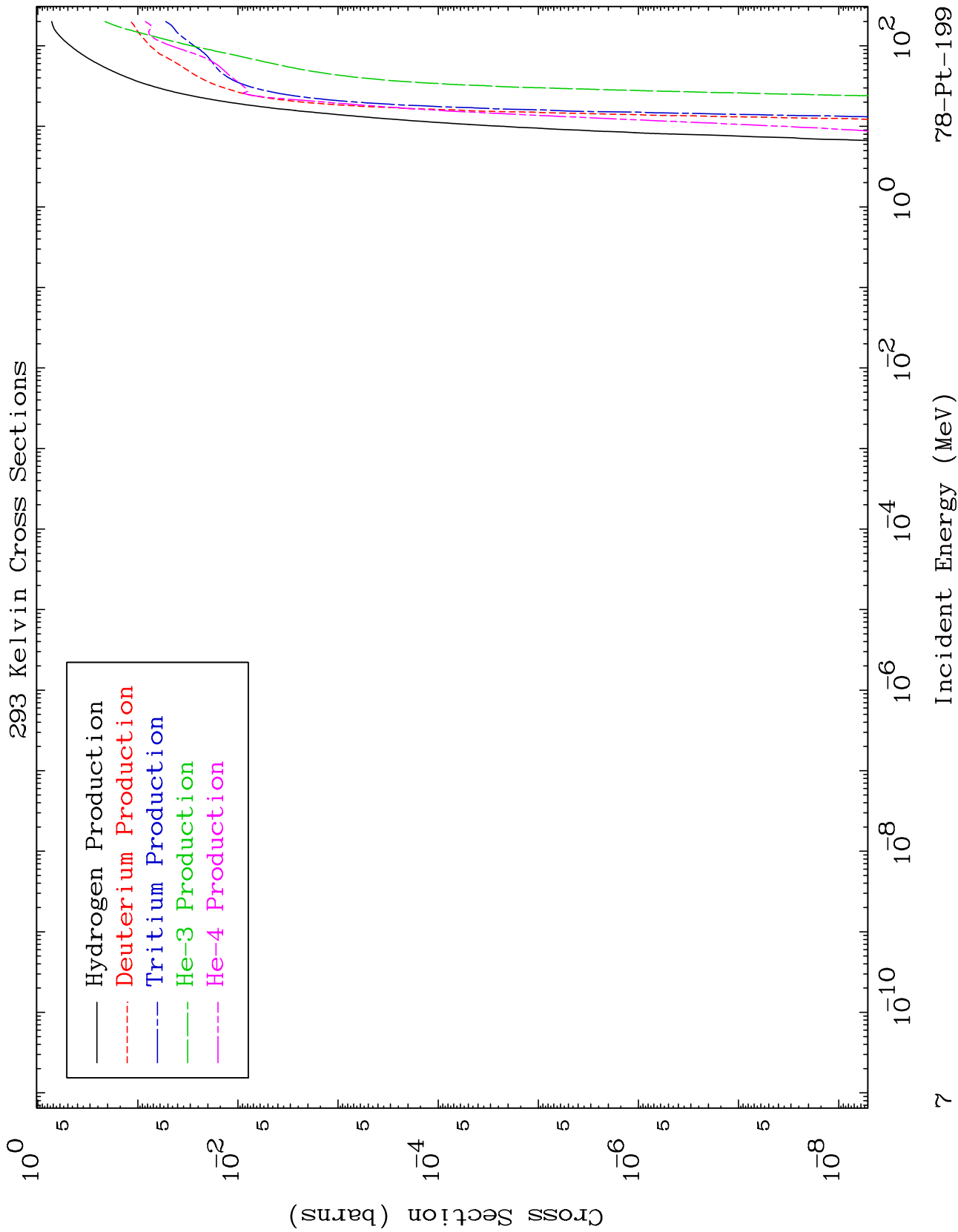
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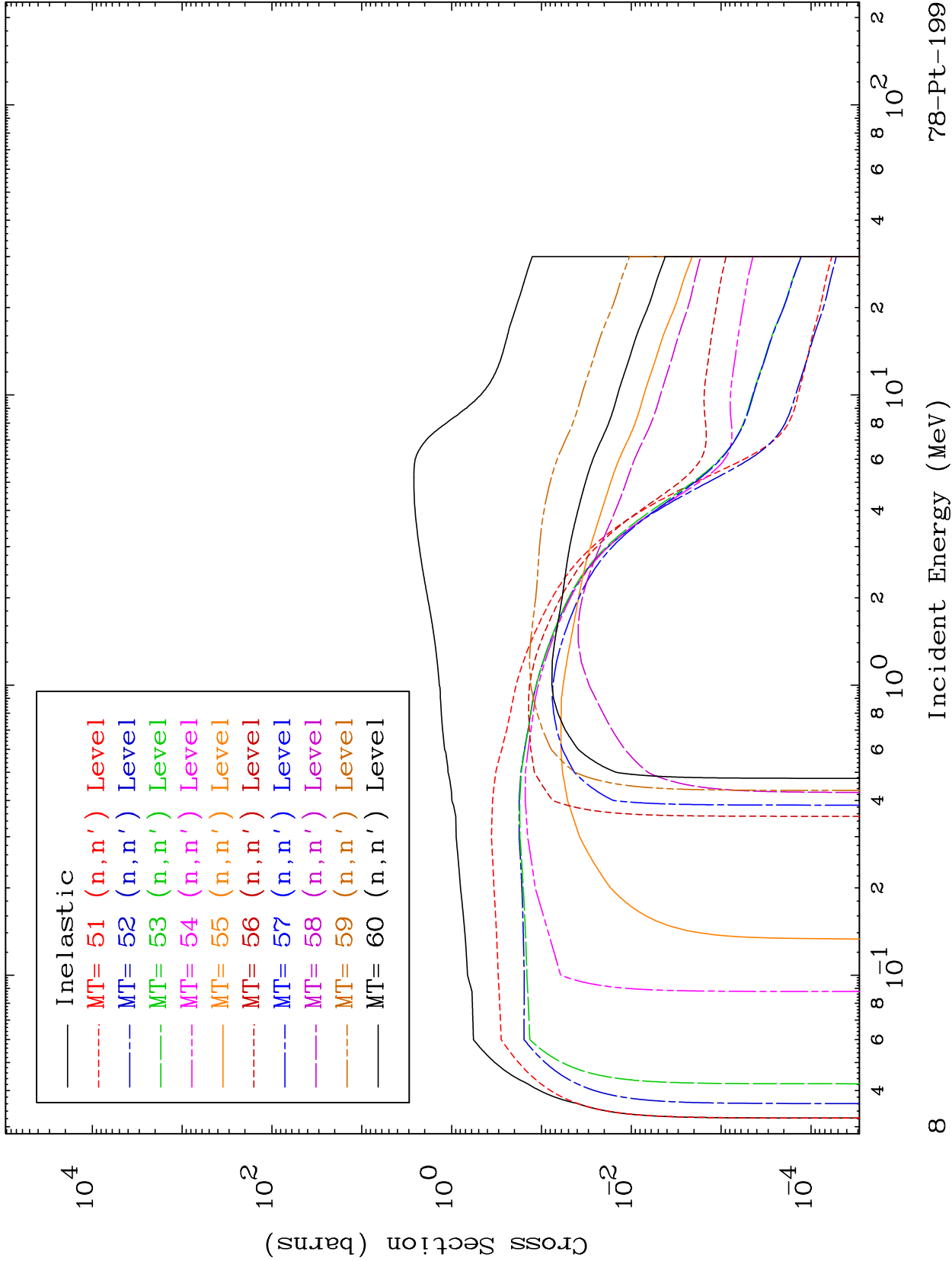


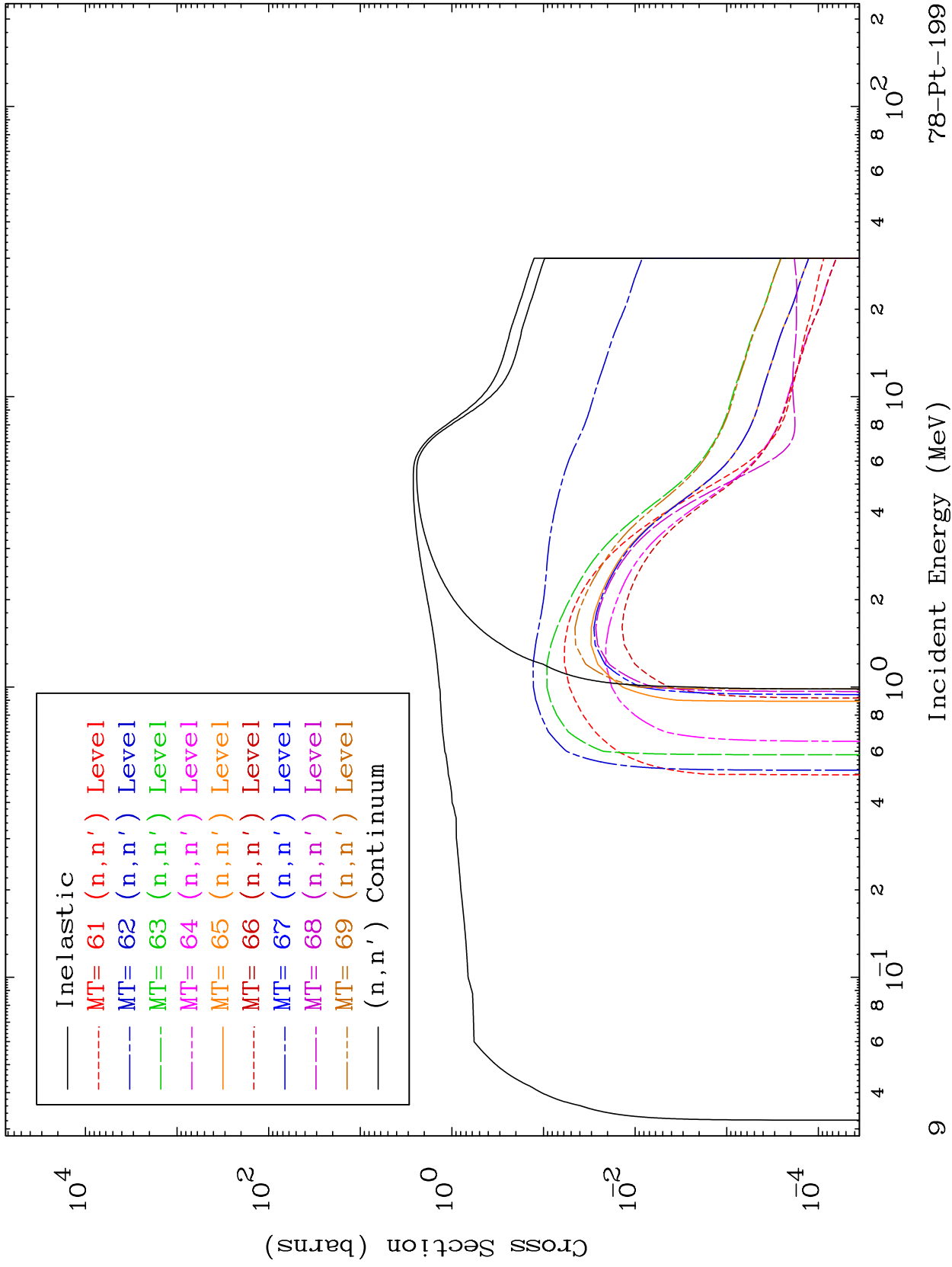
MAT 7852

Particle Production
293 Kelvin Cross Sections

78-Pt-199



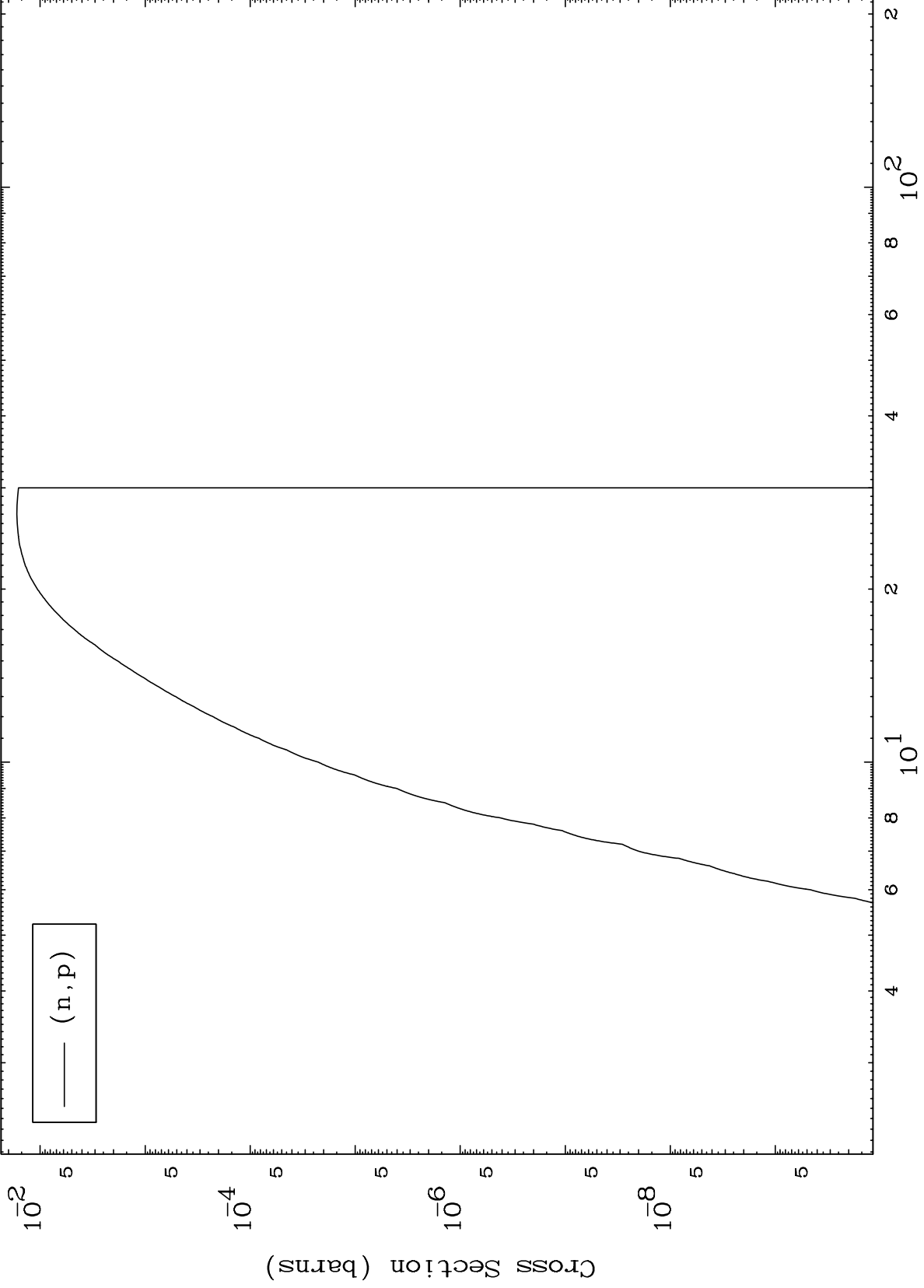




MAT 7852

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-199



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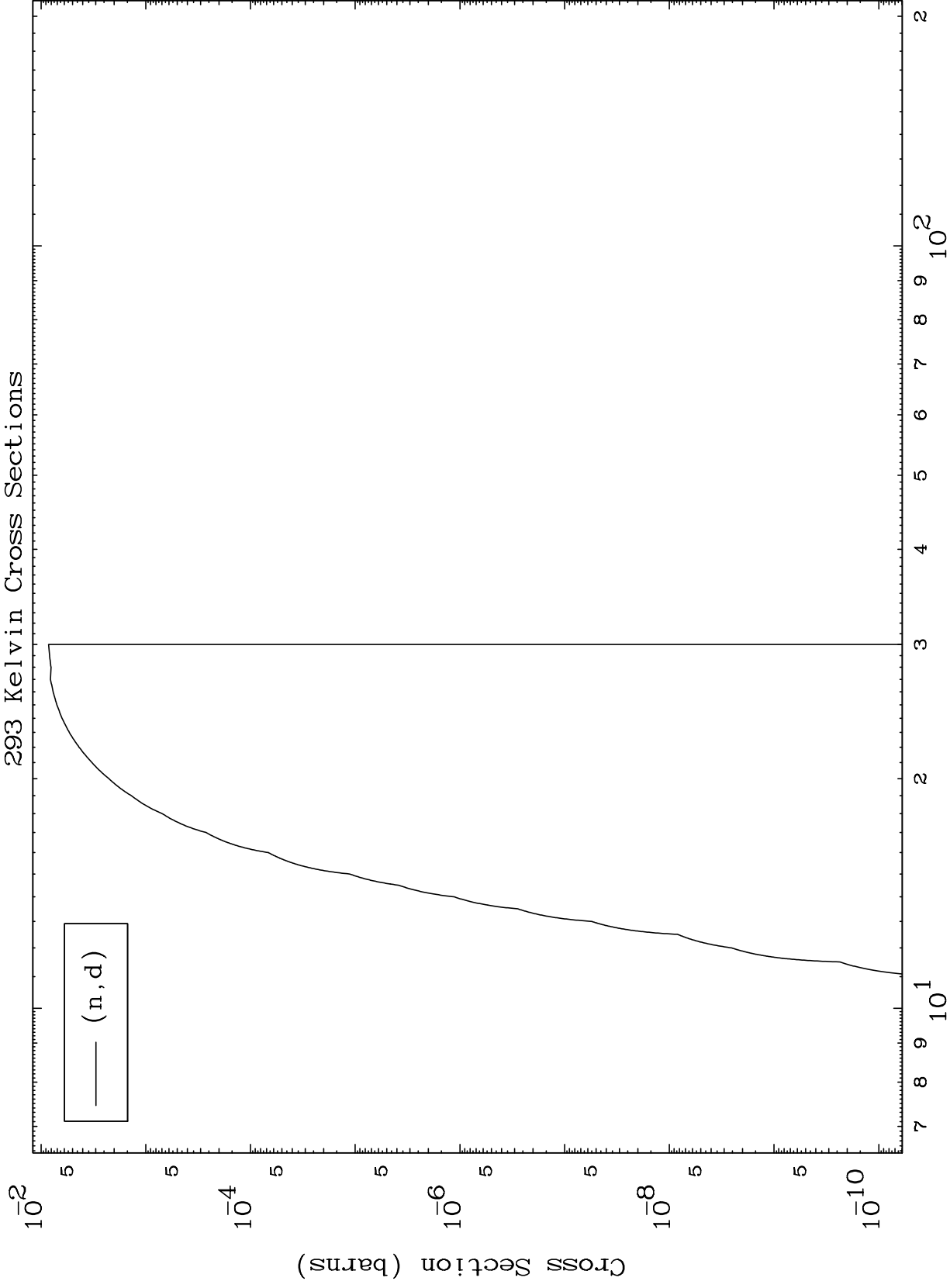
Incident Energy (MeV)

78-Pt-199

MAT 7852

(n,d) Levels
293 Kelvin Cross Sections

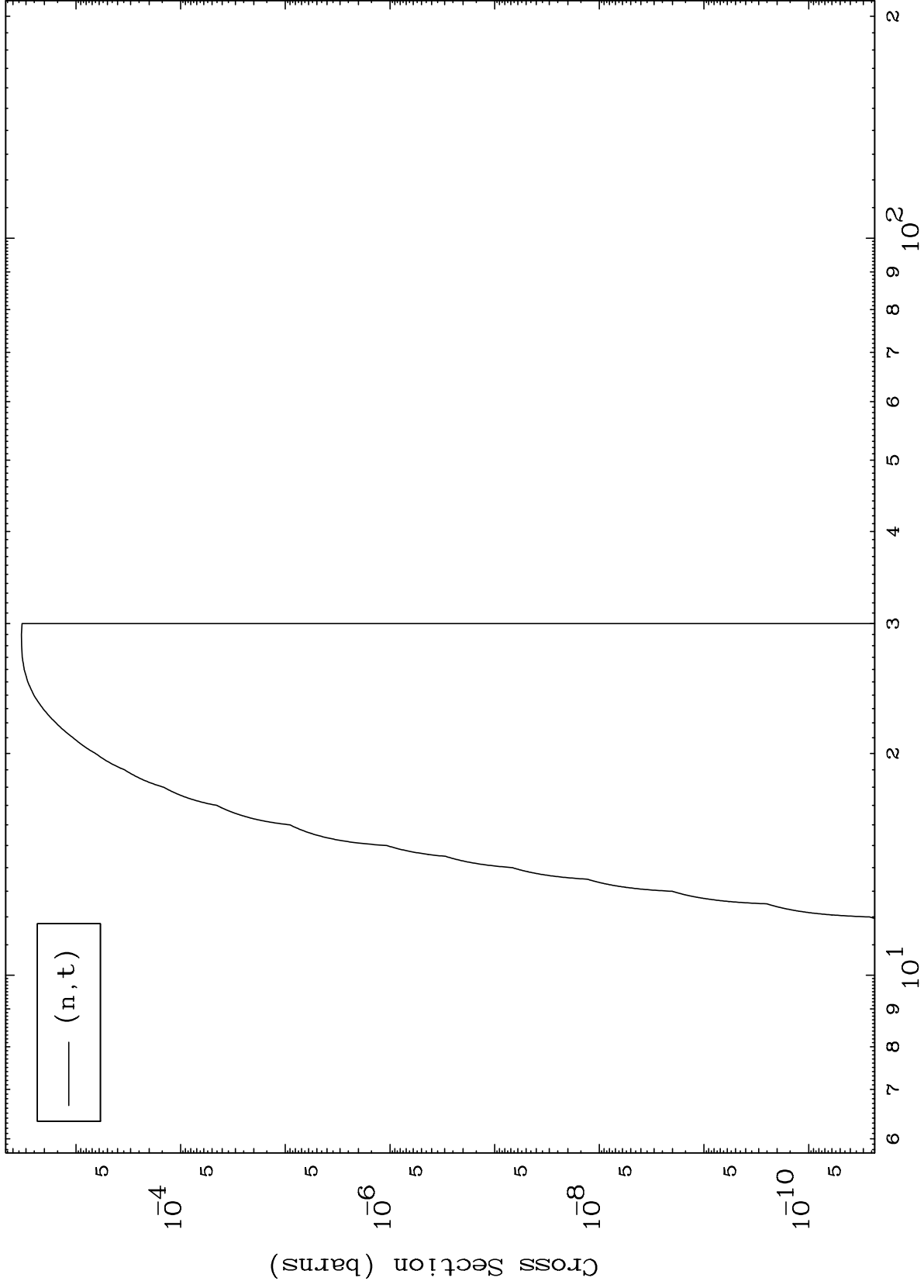
78-Pt-199



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Incident Energy (MeV)

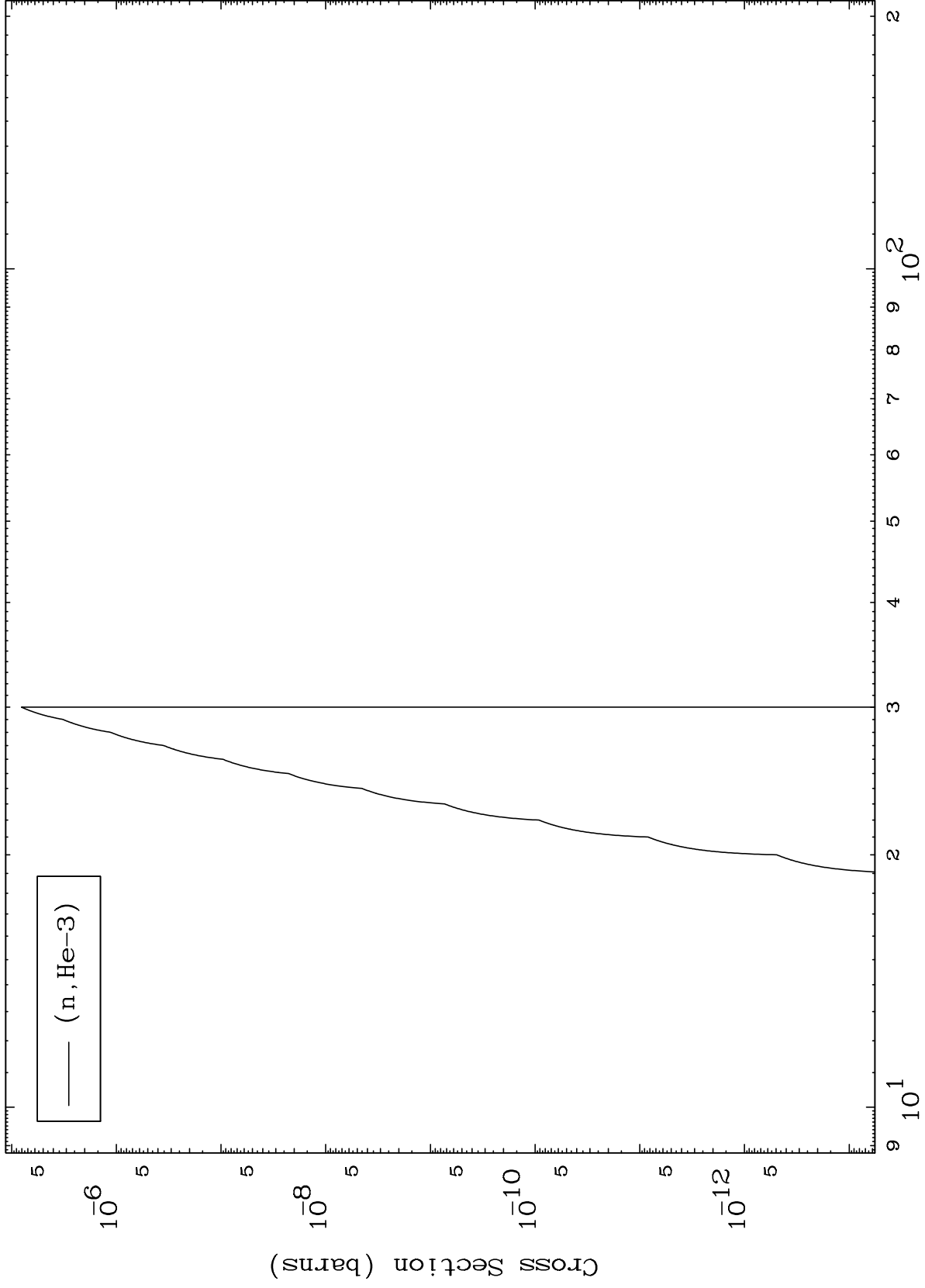
78-Pt-199



MAT 7852

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-199



13

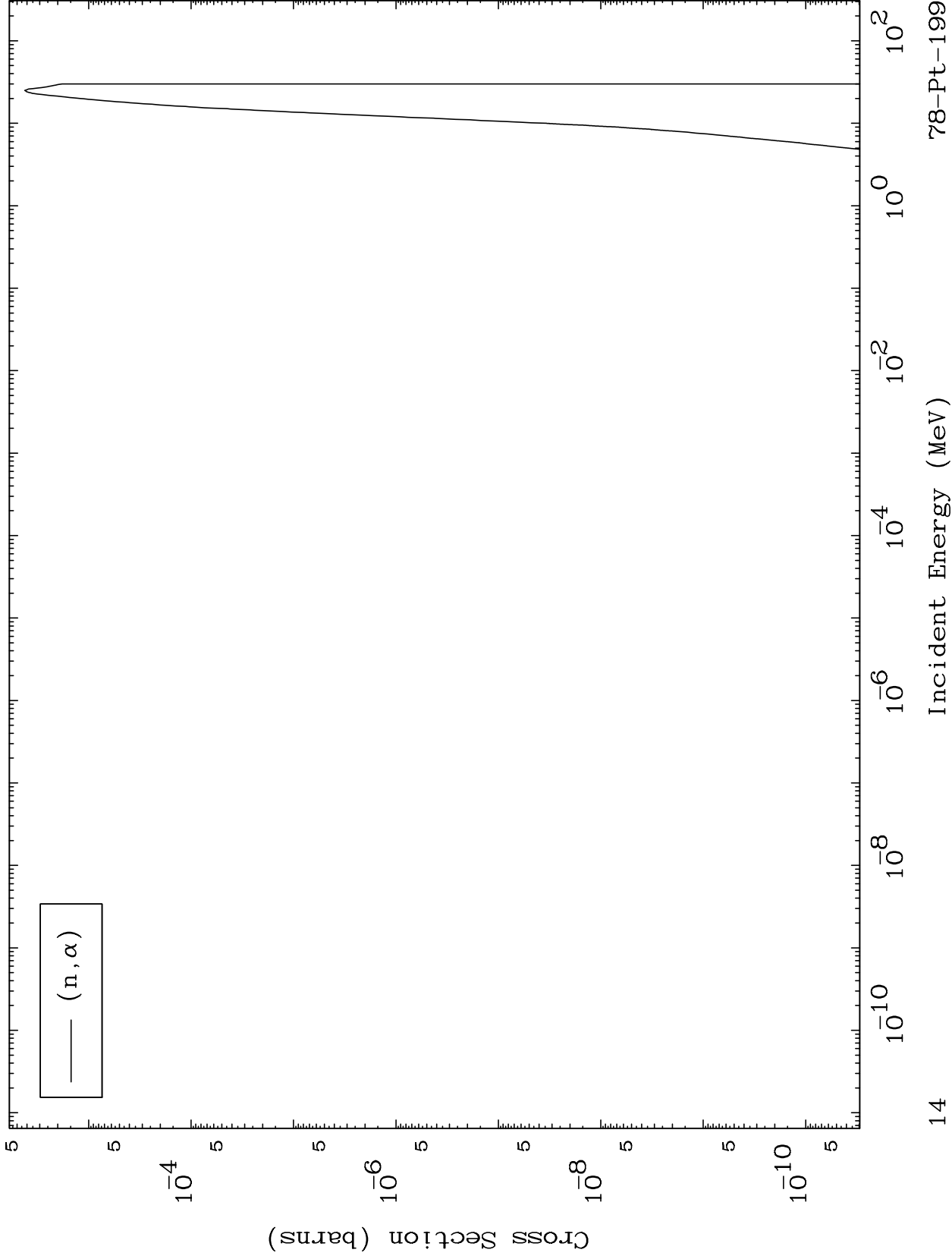
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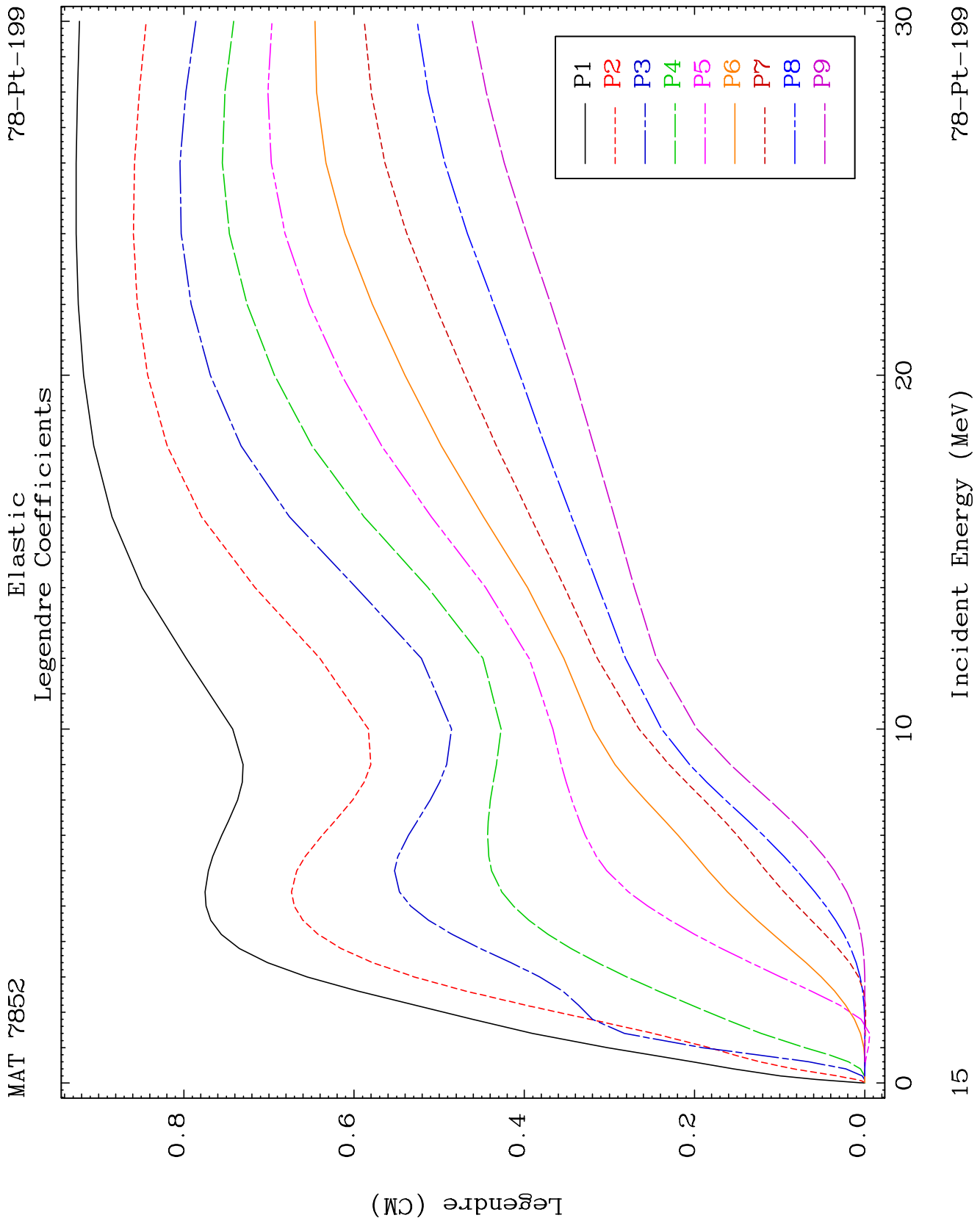
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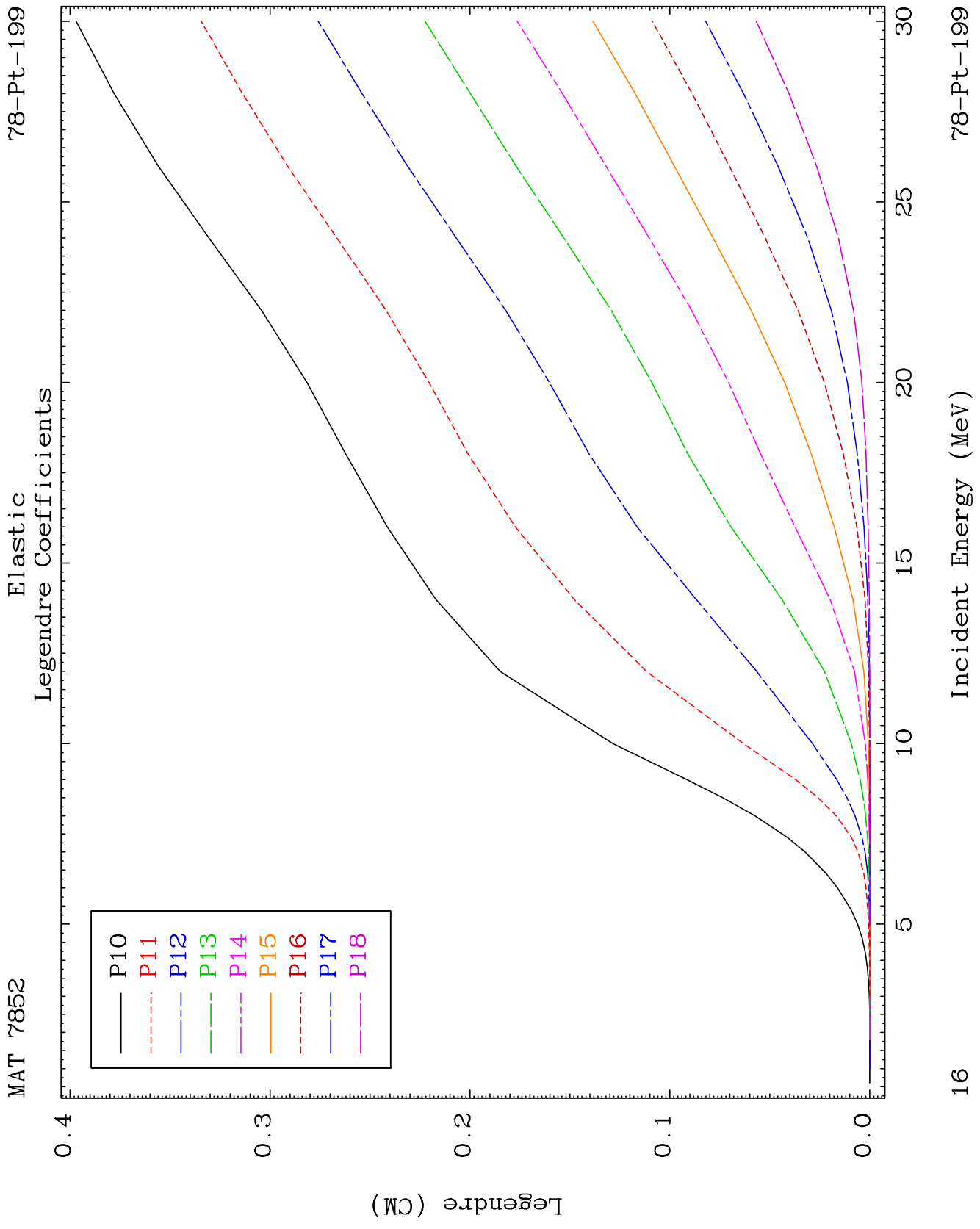
MAT 7852

(n, α) Levels
293 Kelvin Cross Sections

78-Pt-199



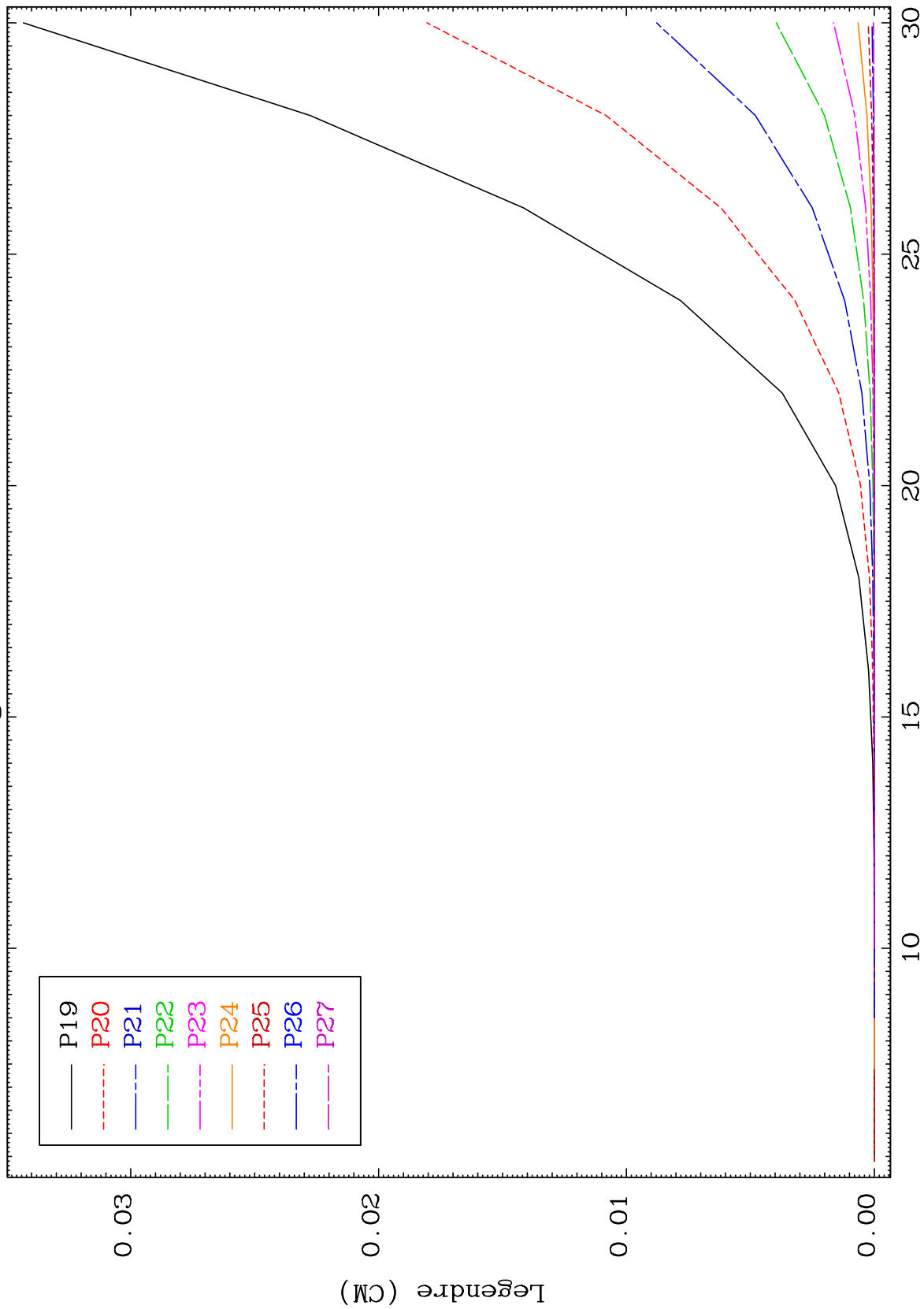




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Elastic Legendre Coefficients

78-Pt-199



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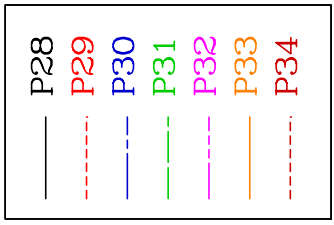
Incident Energy (MeV)

78-Pt-199

MAT 7852

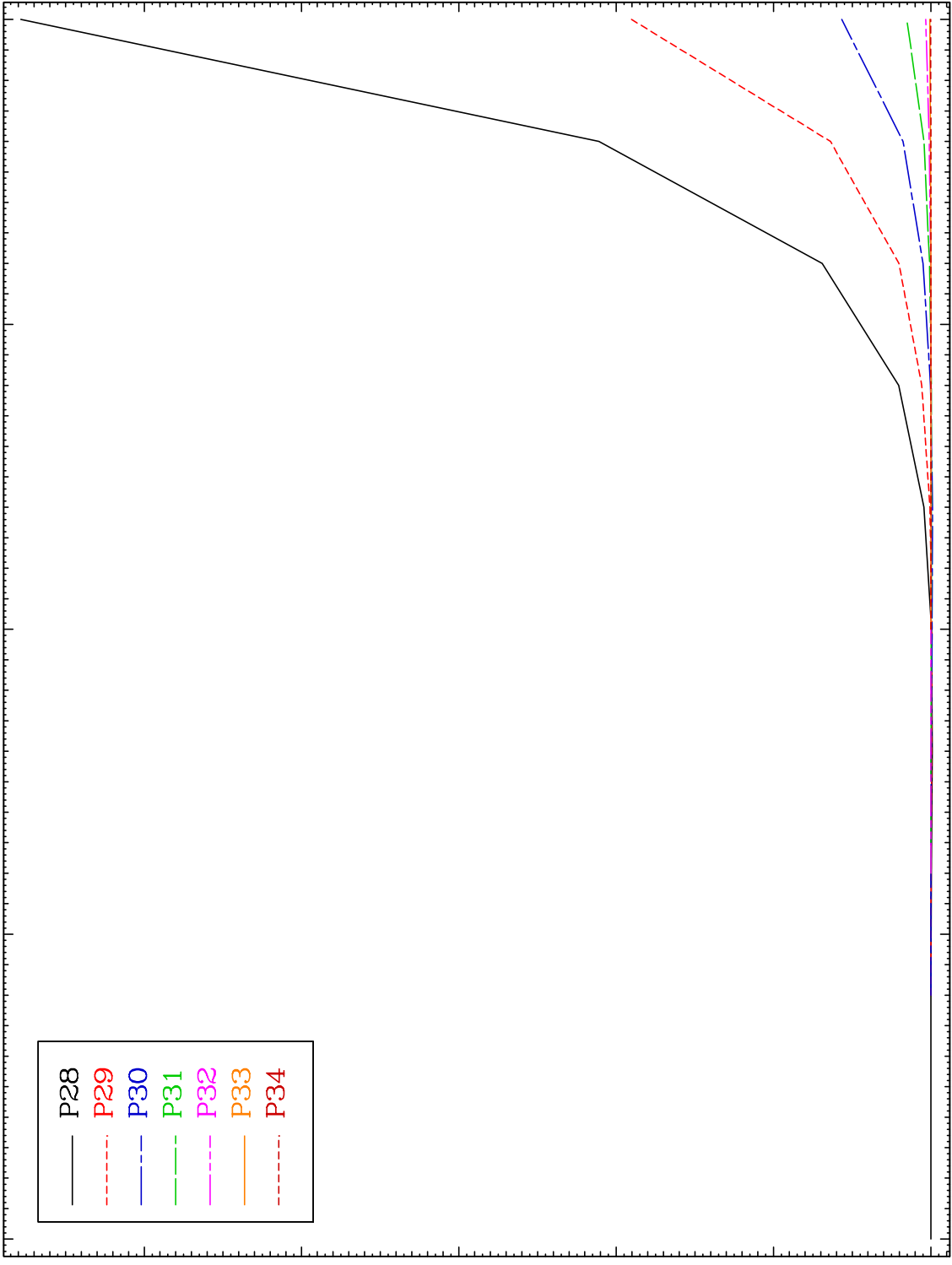
Elastic Legendre Coefficients

78-Pt-199



$\times 10^{-5}$
Legendre (CM)
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0.8
0.6
0.4
0.2
0.0

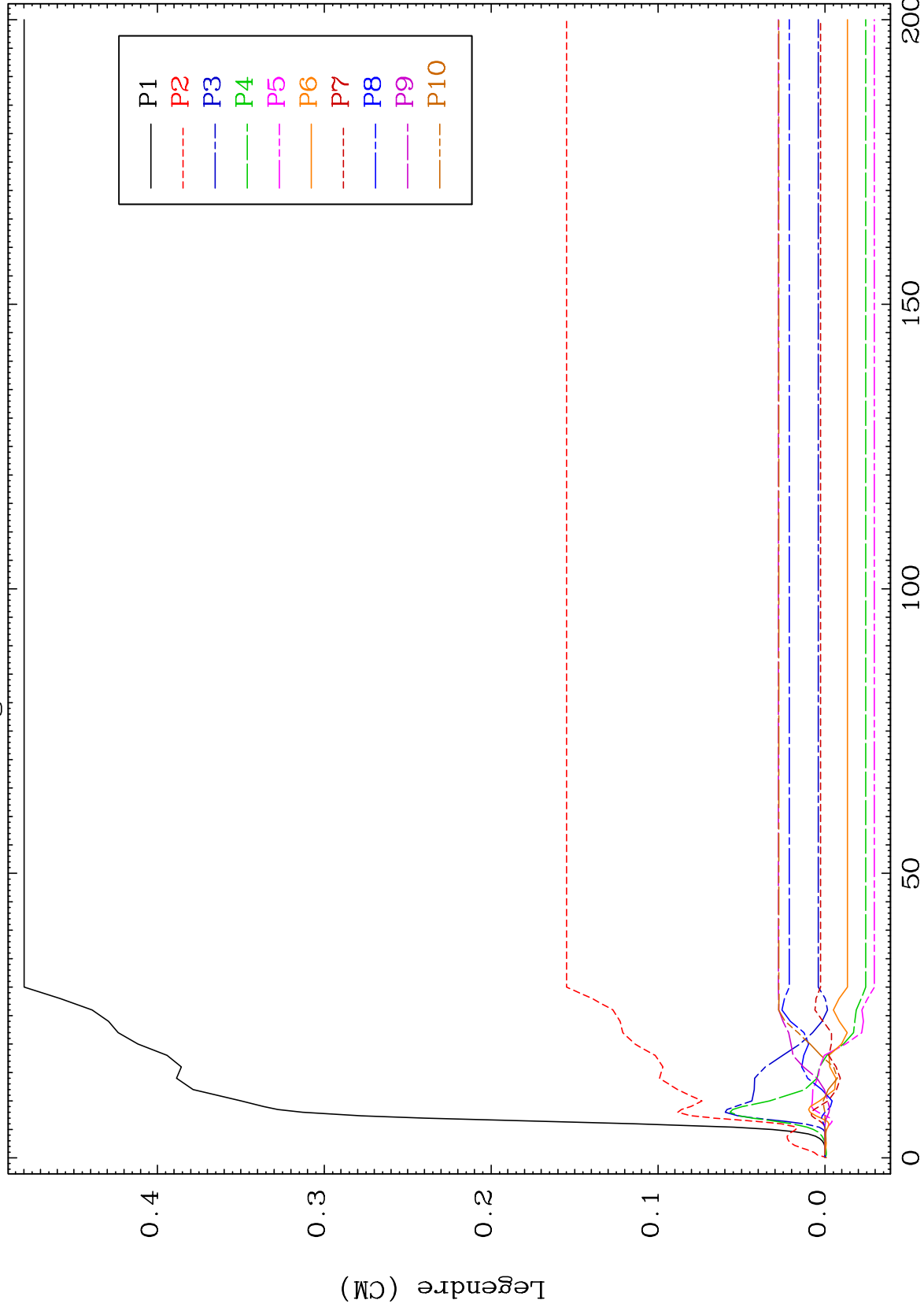
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Incident Energy (MeV)
78-Pt-199



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

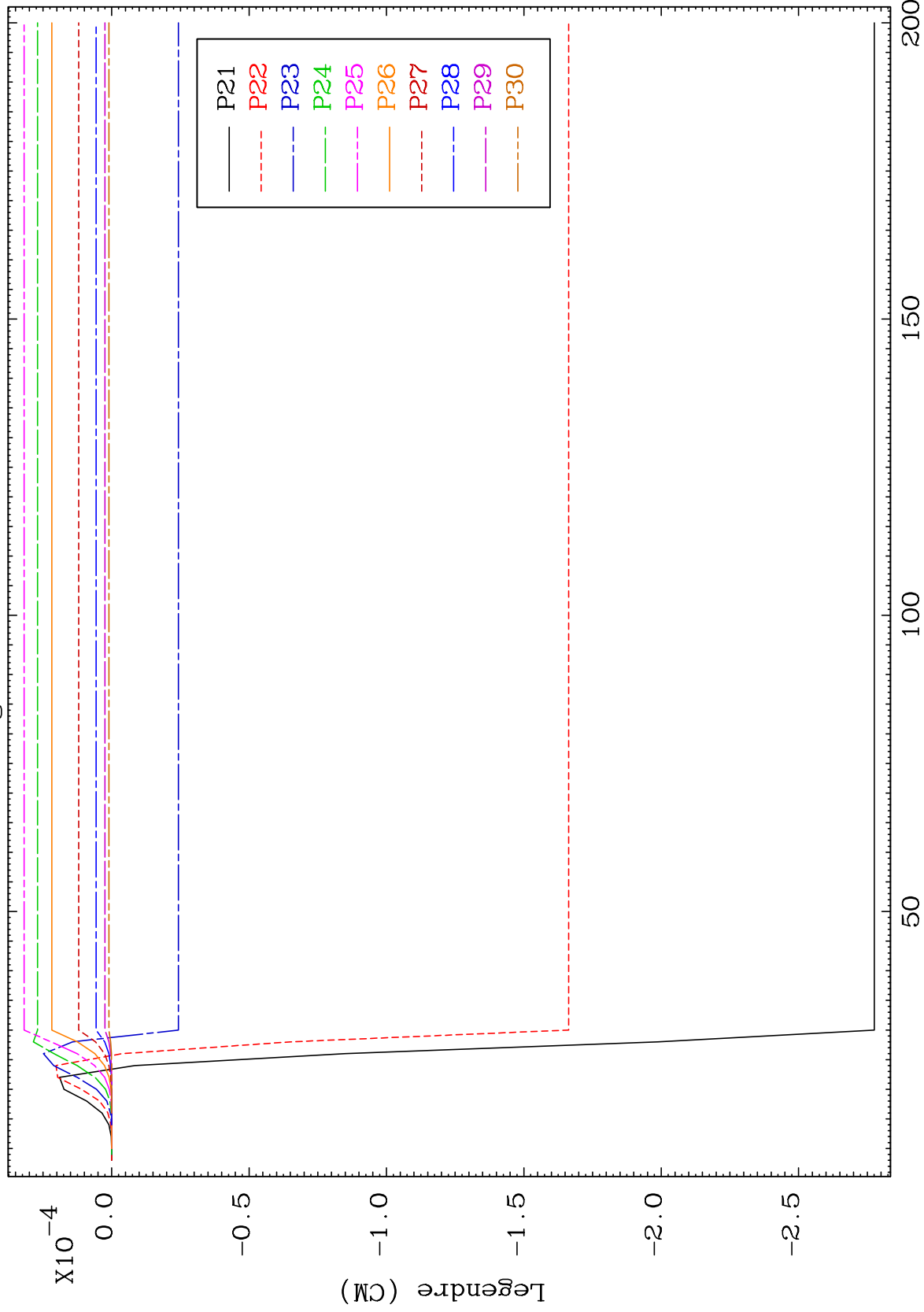
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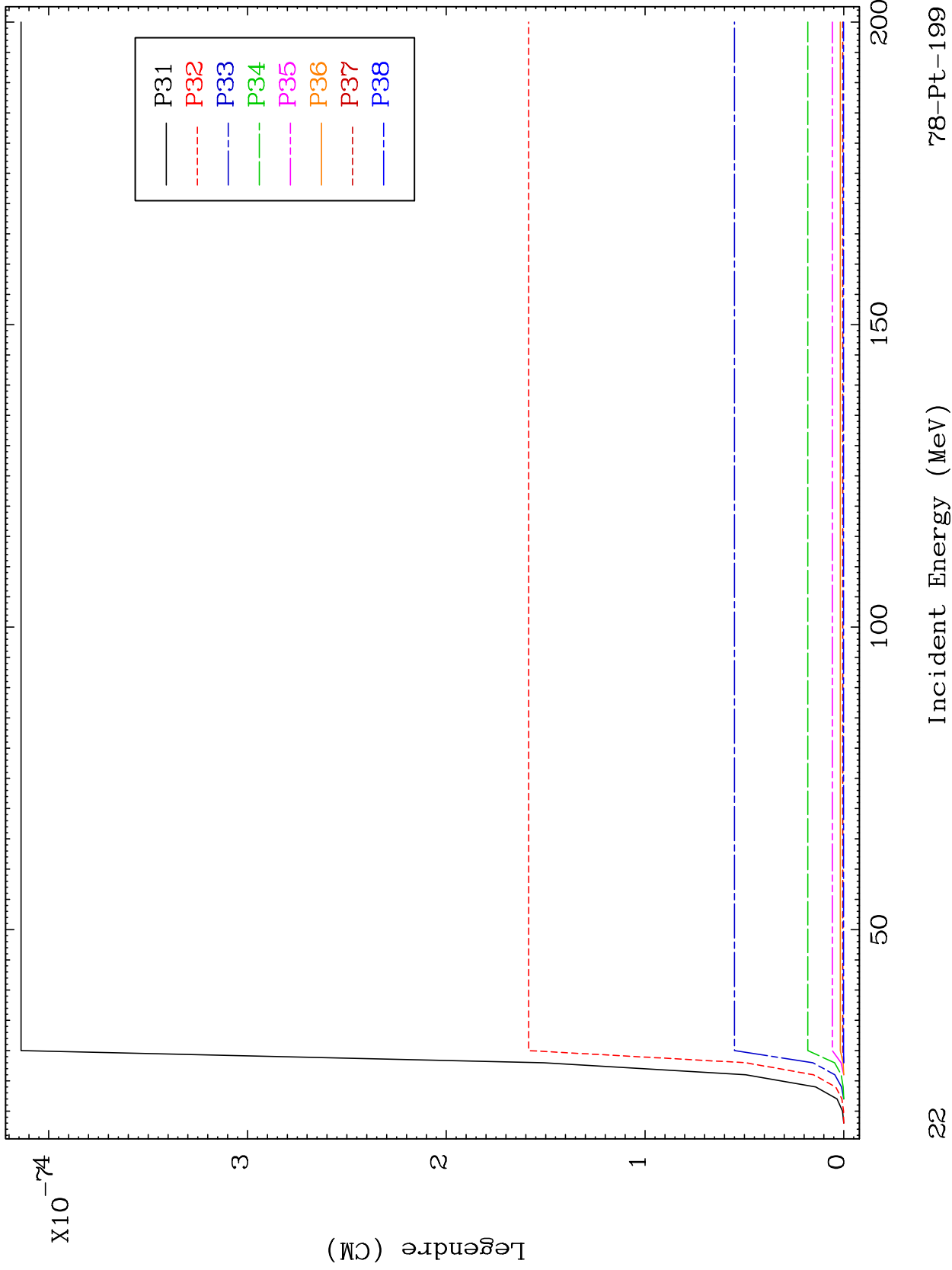


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Incident Energy (MeV)

78-Pt-199

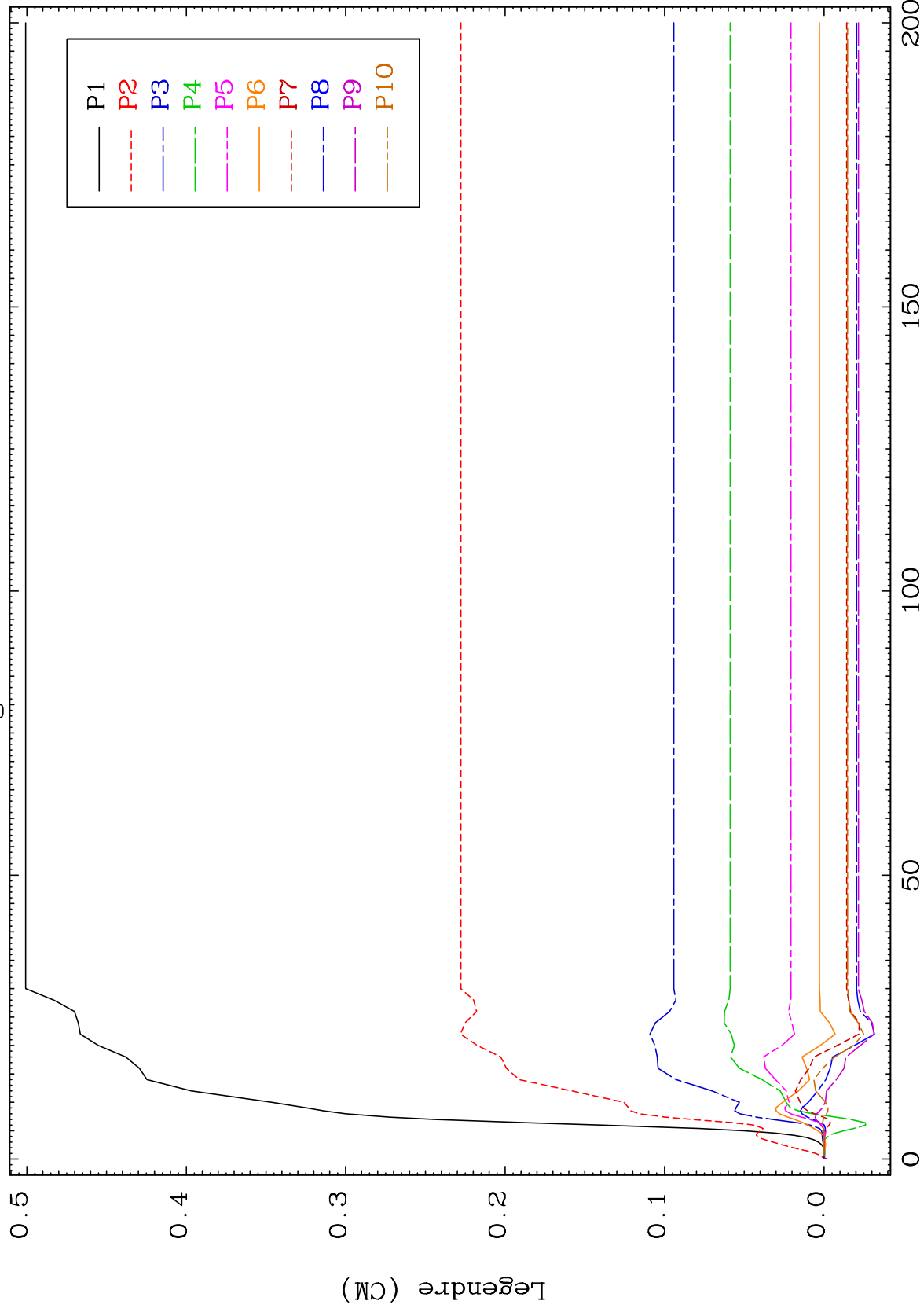




MAT 7852

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

78-Pt-199



23

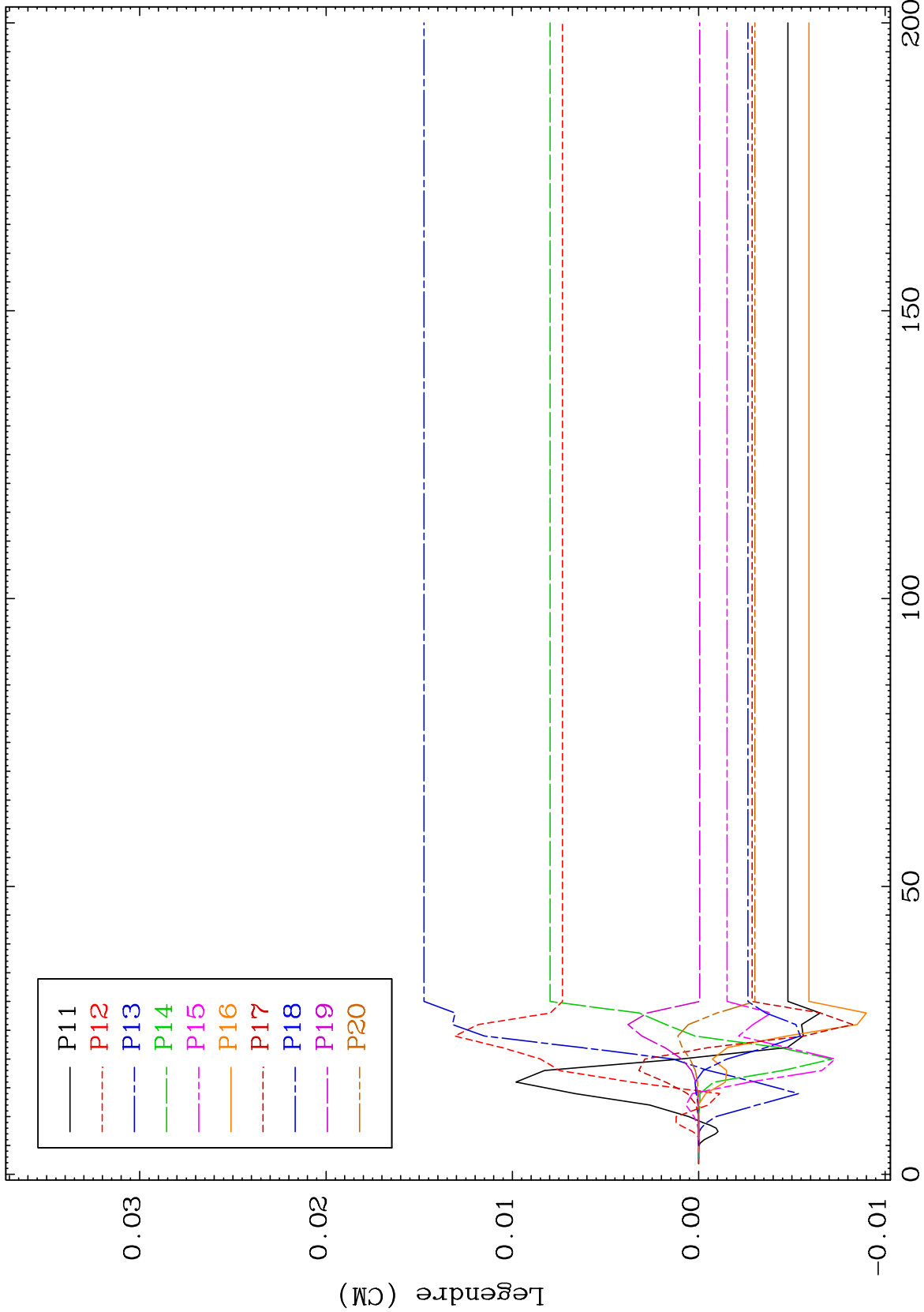
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



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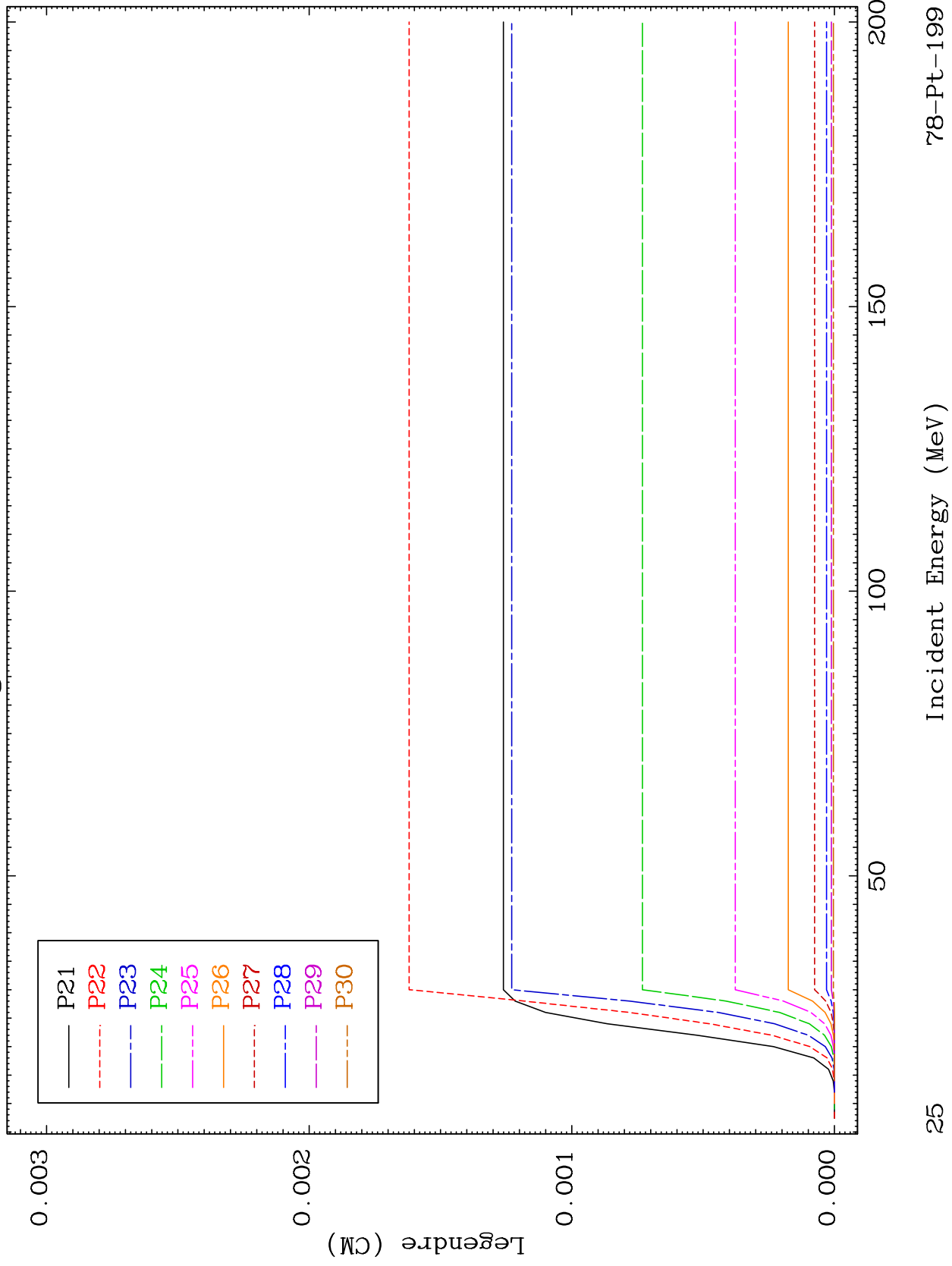
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

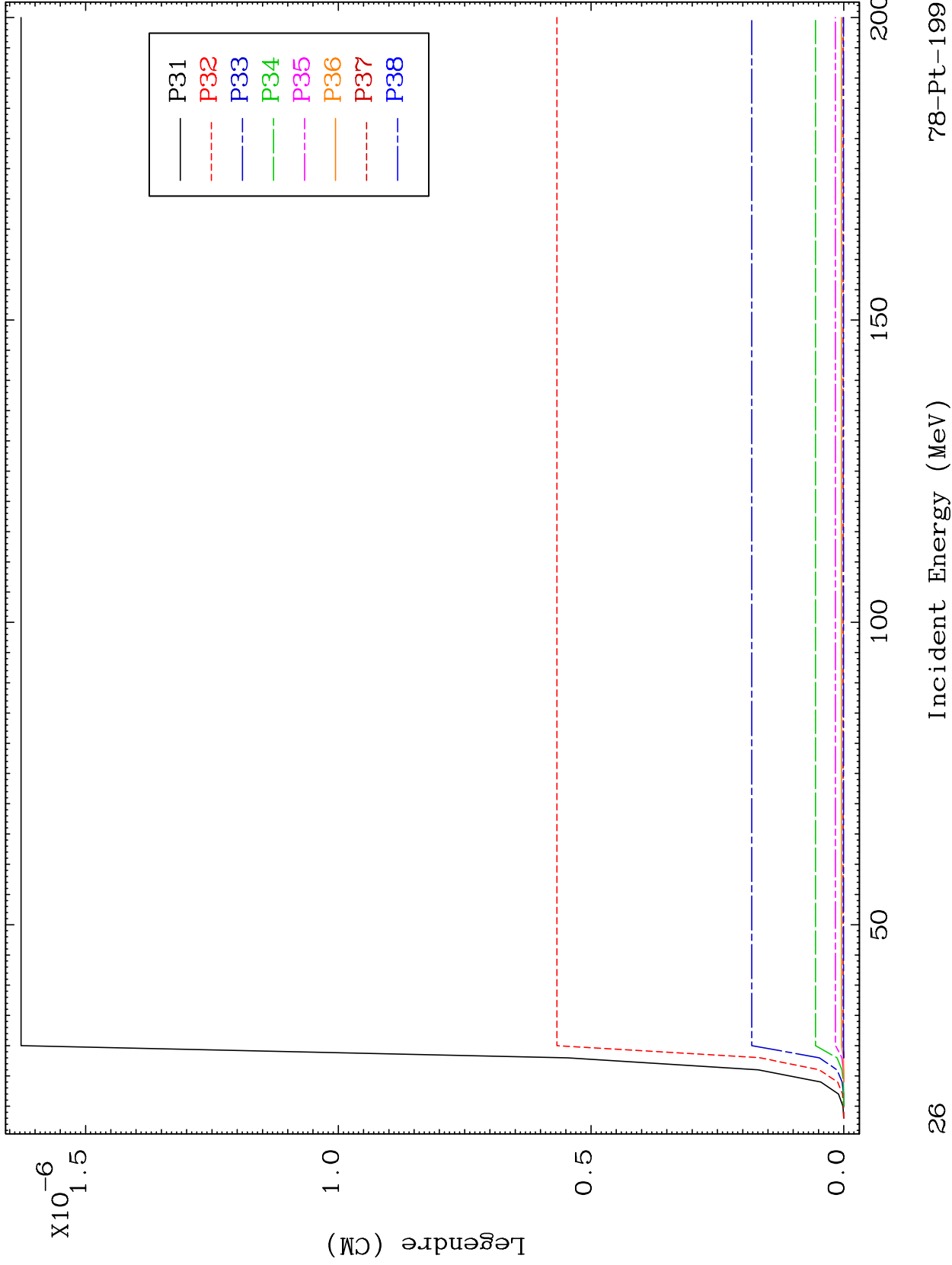
78-Pt-199

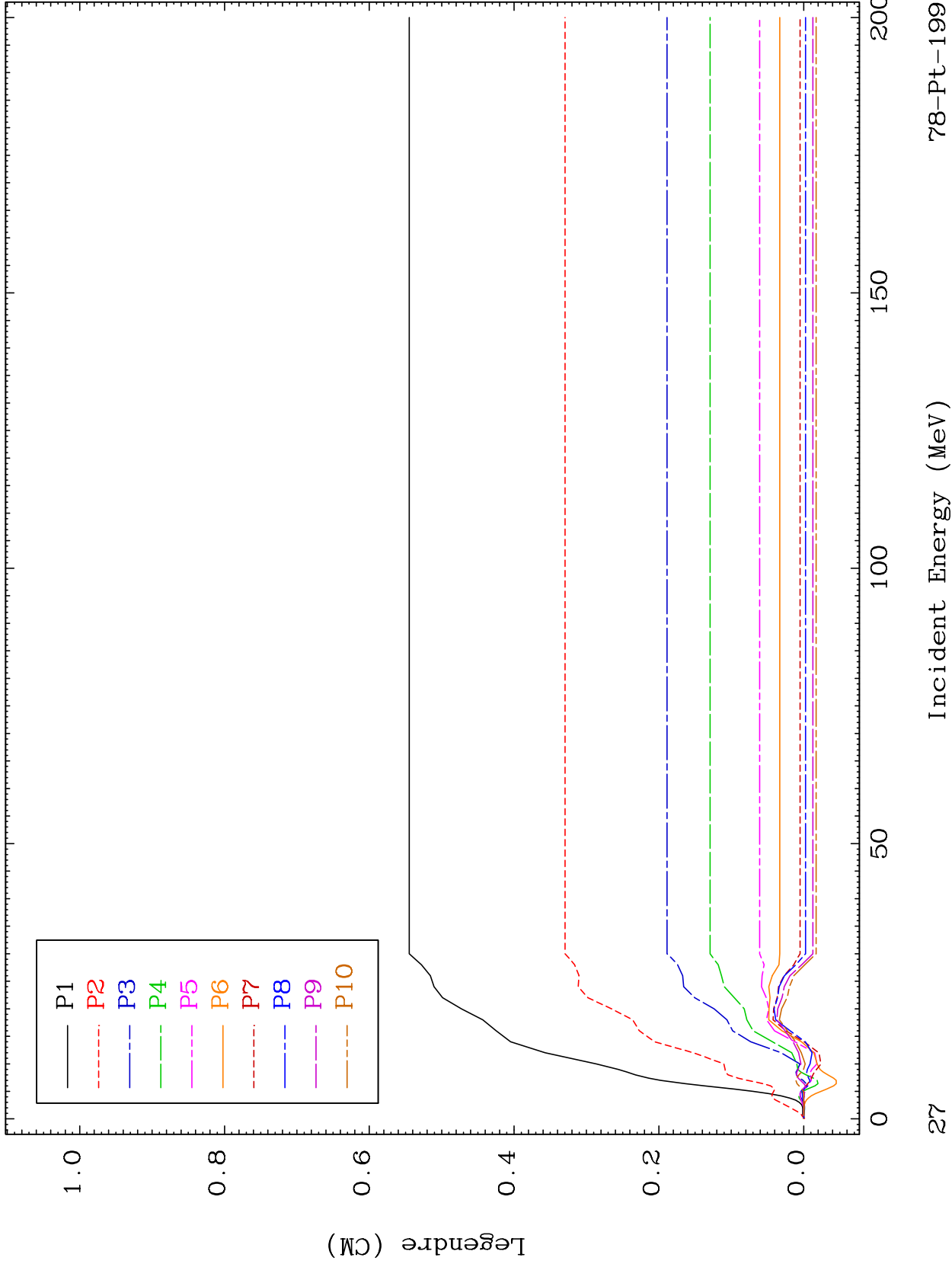


78-Pt-199

Incident Energy (MeV)

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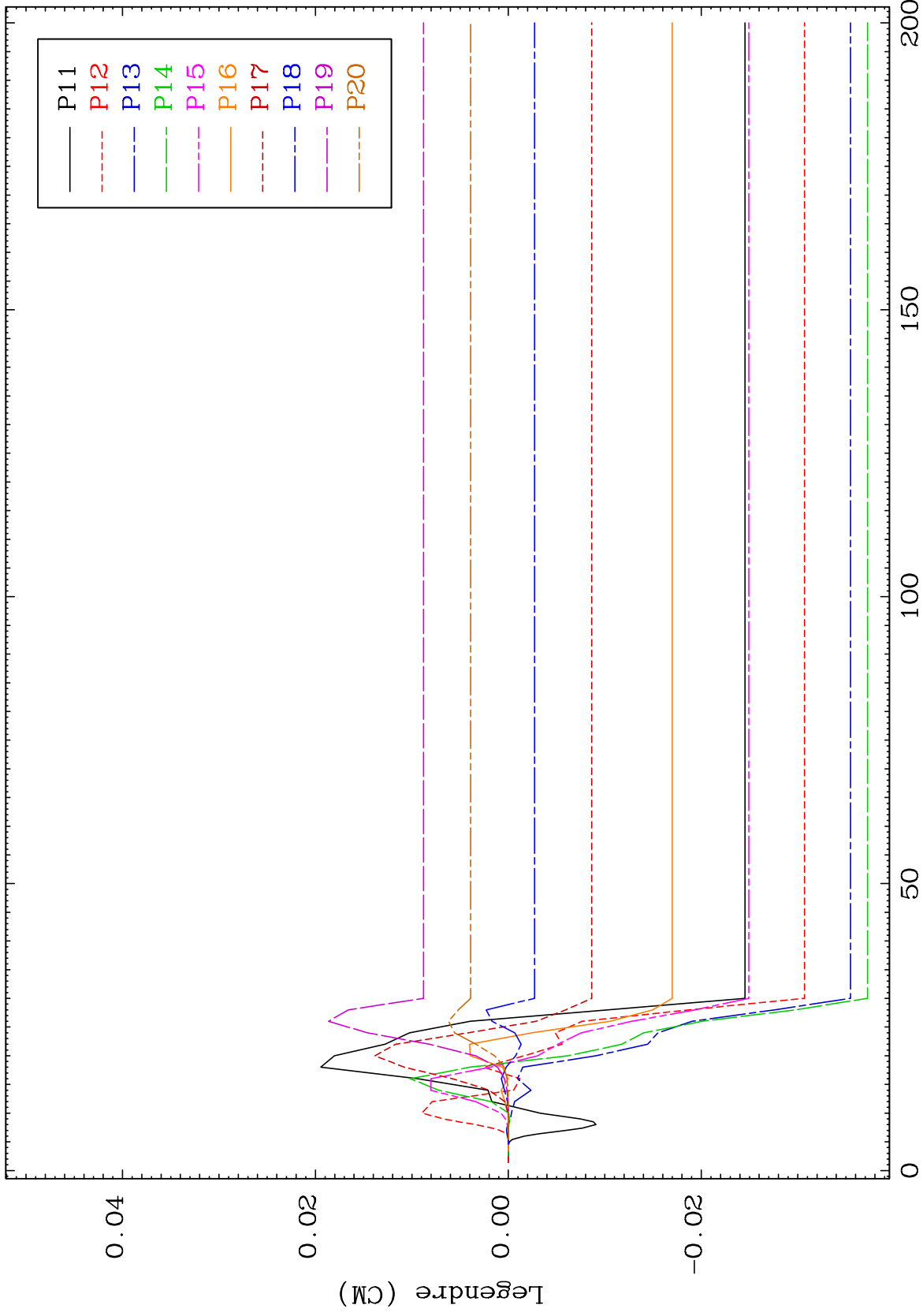




MAT 7852

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

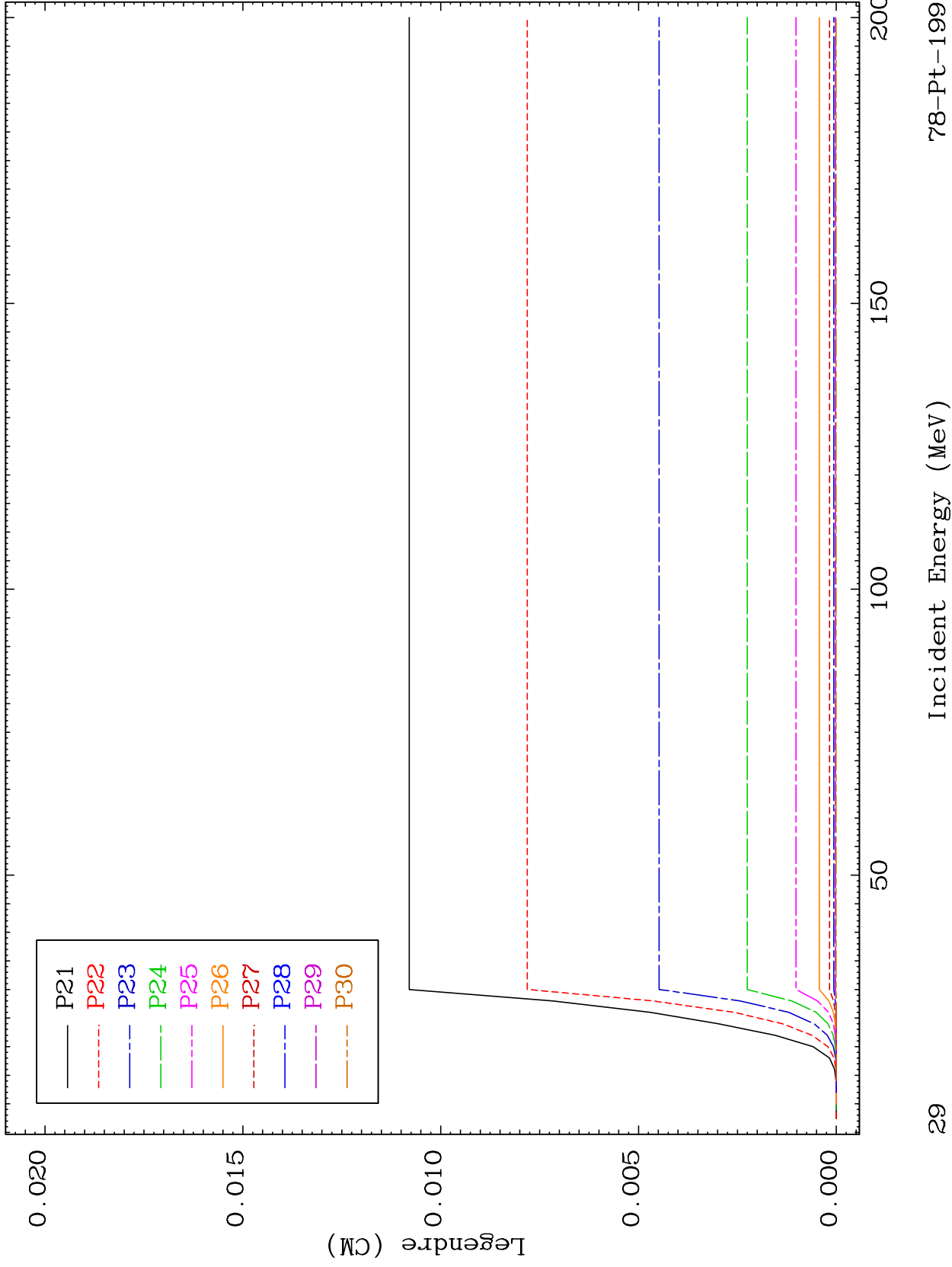
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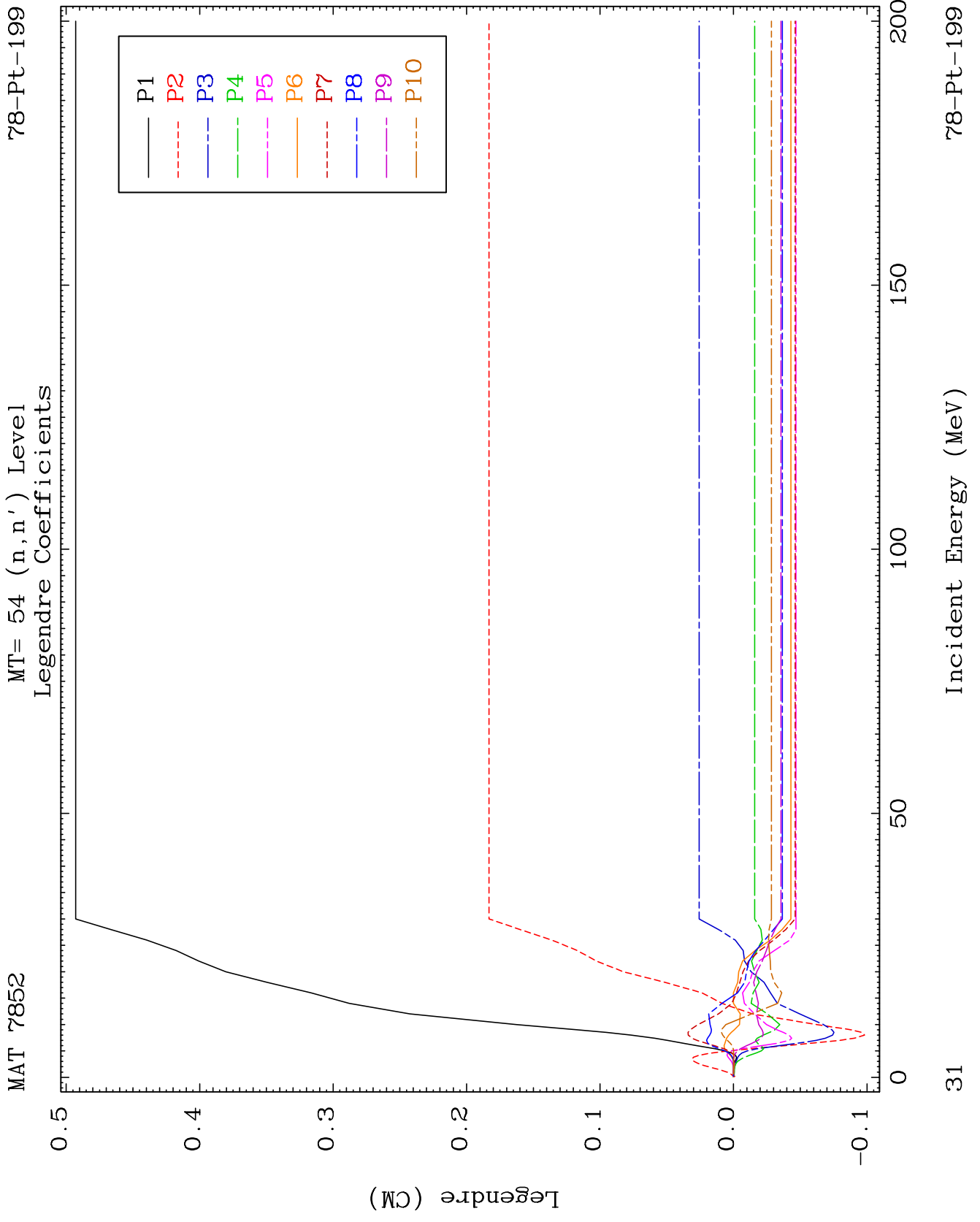


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Incident Energy (MeV)

78-Pt-199

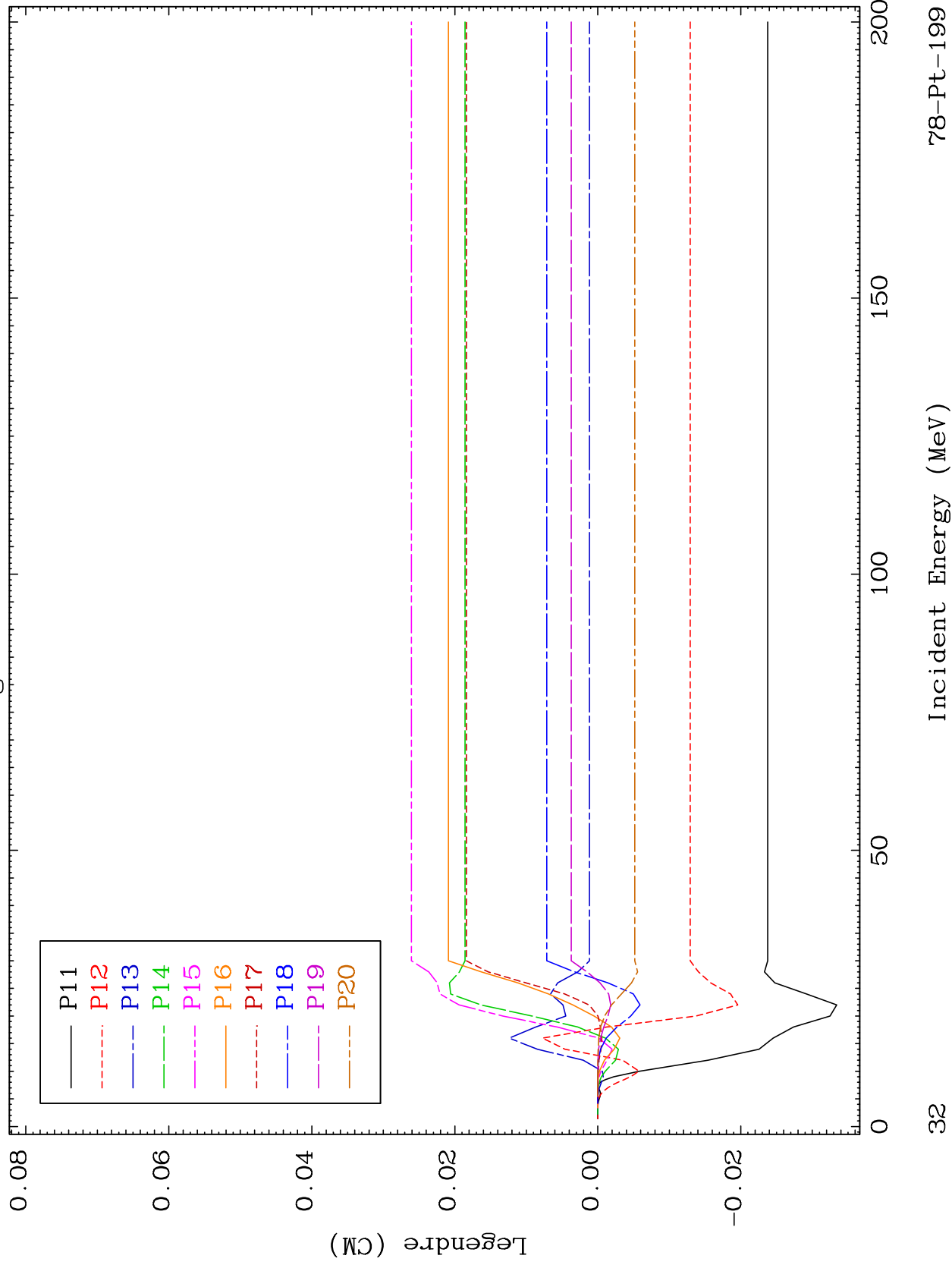




MAT 7852

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

78-Pt-199



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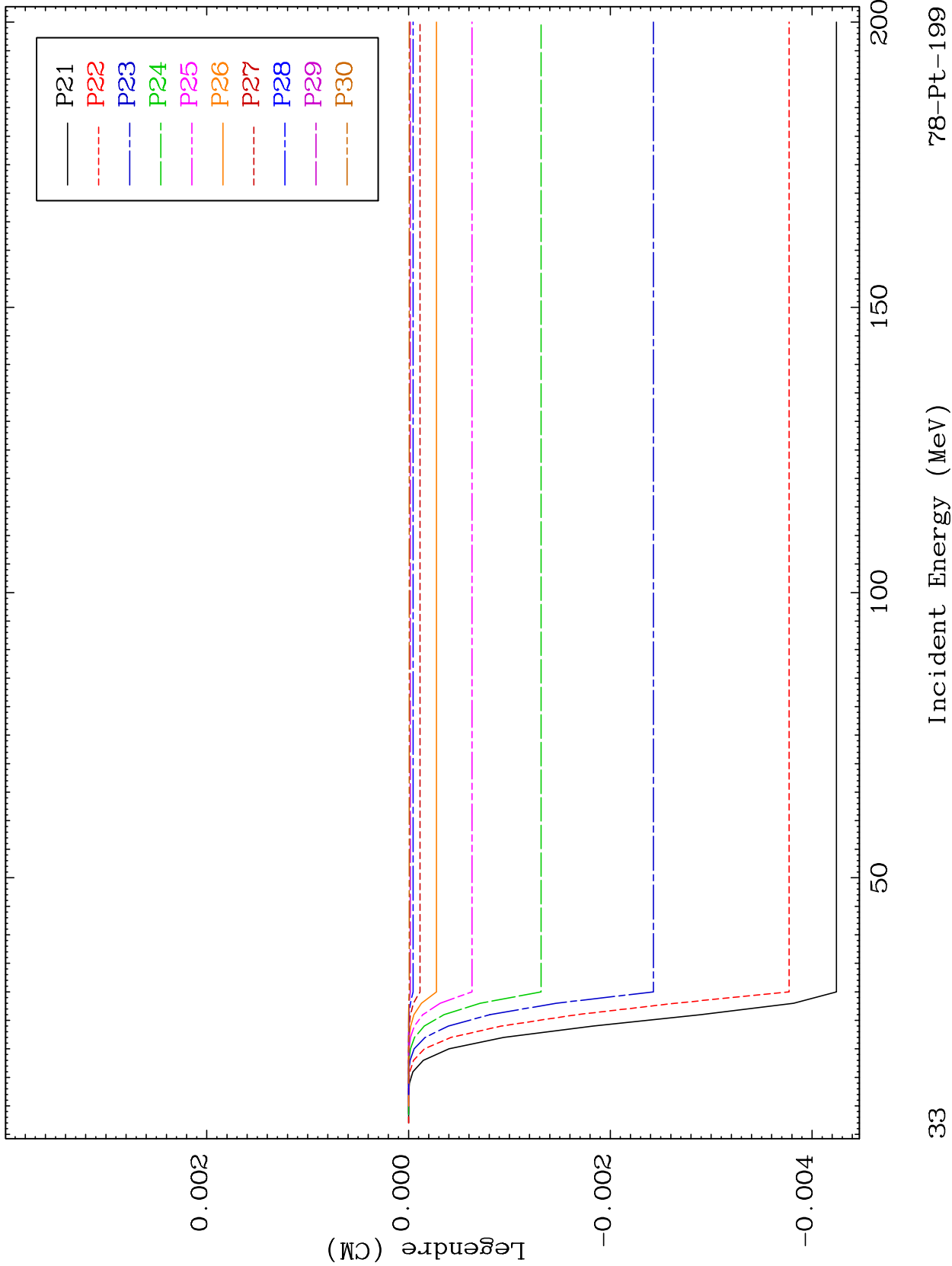
Incident Energy (MeV)

78-Pt-199

MAT 7852

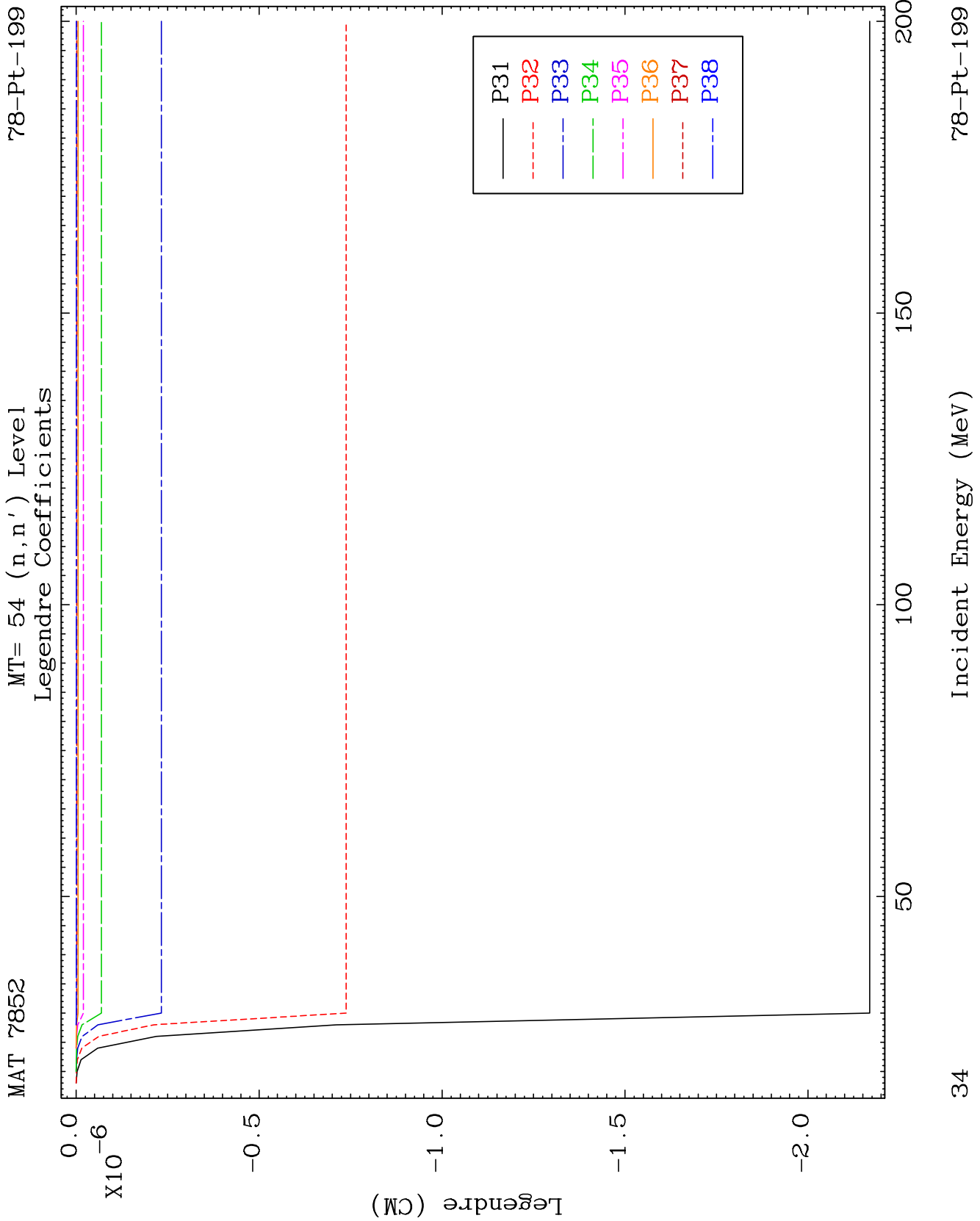
MT= 54 (n,n') Level
Legendre Coefficients

78-Pt-199



33

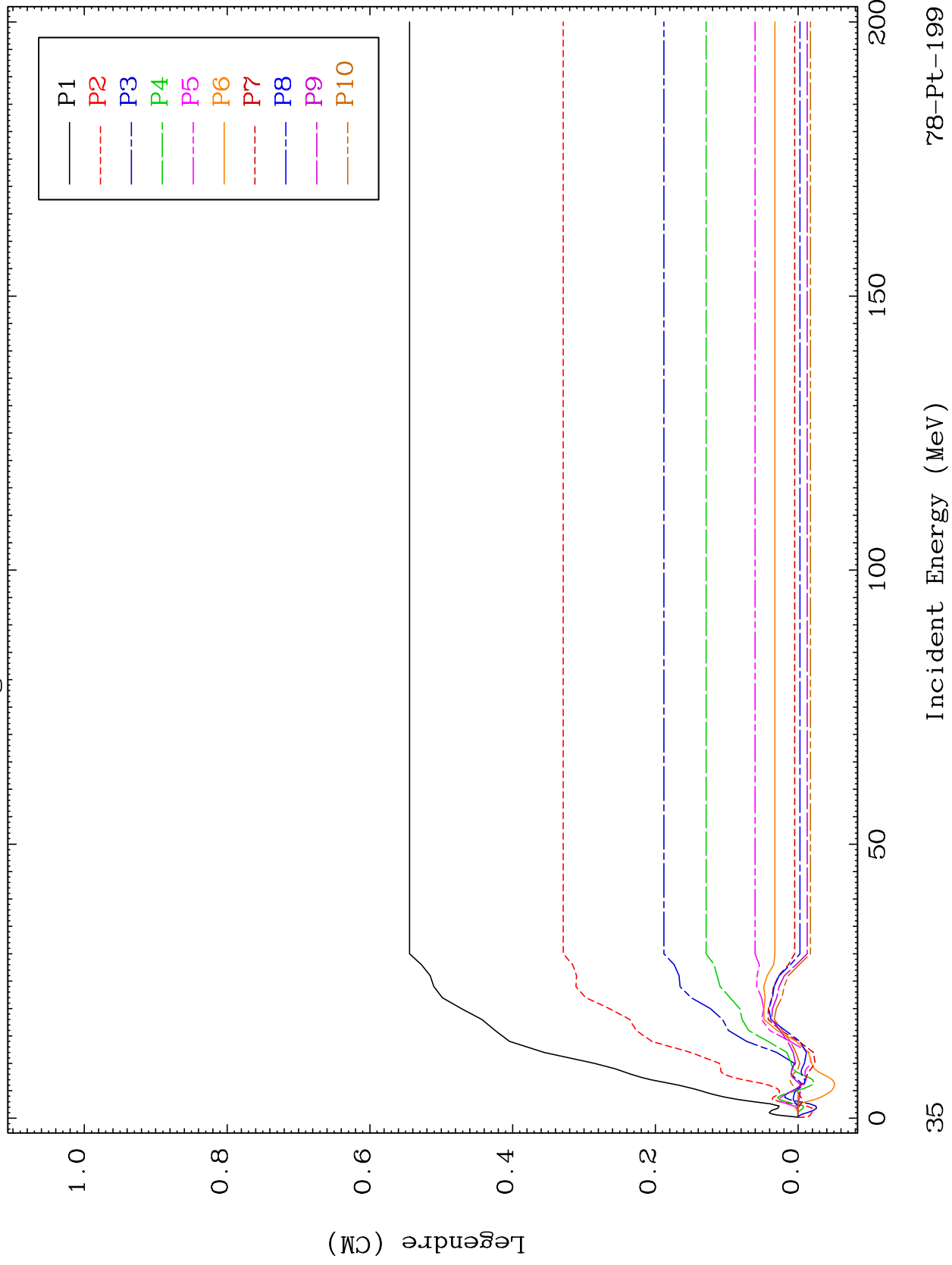
78-Pt-199



MAT 7852

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

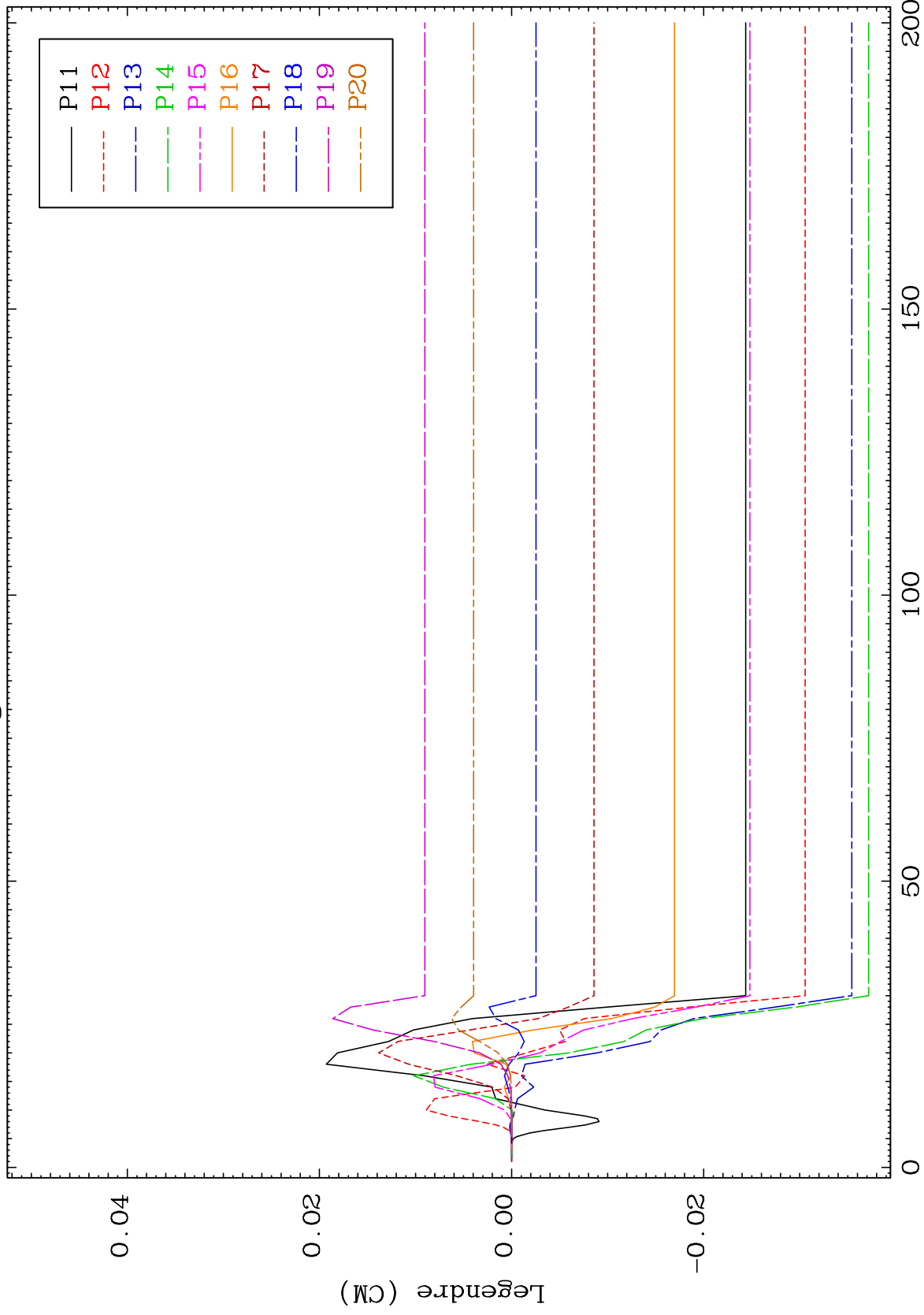
78-Pt-199



MAT 7852

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

78-Pt-199



36

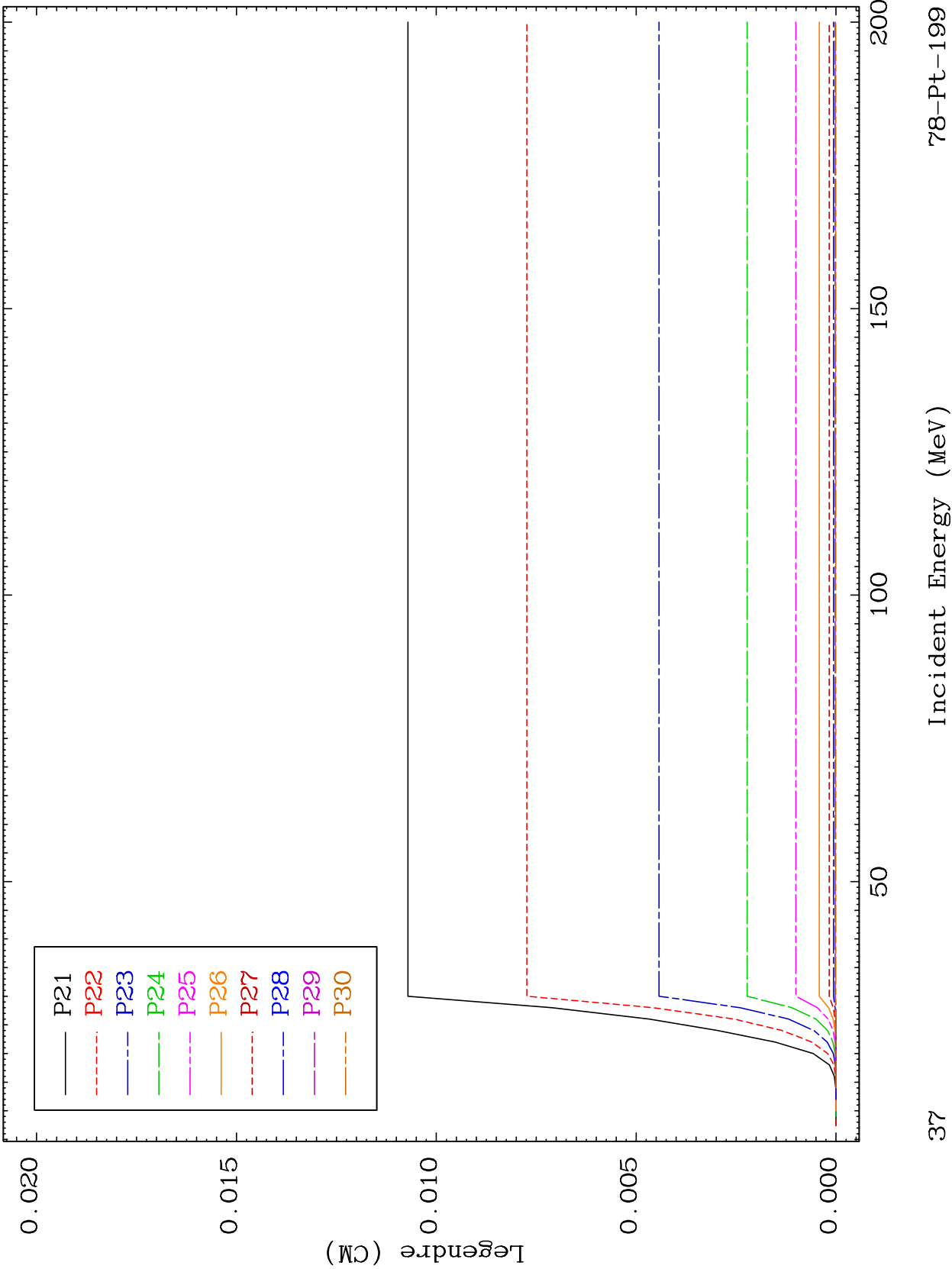
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



37

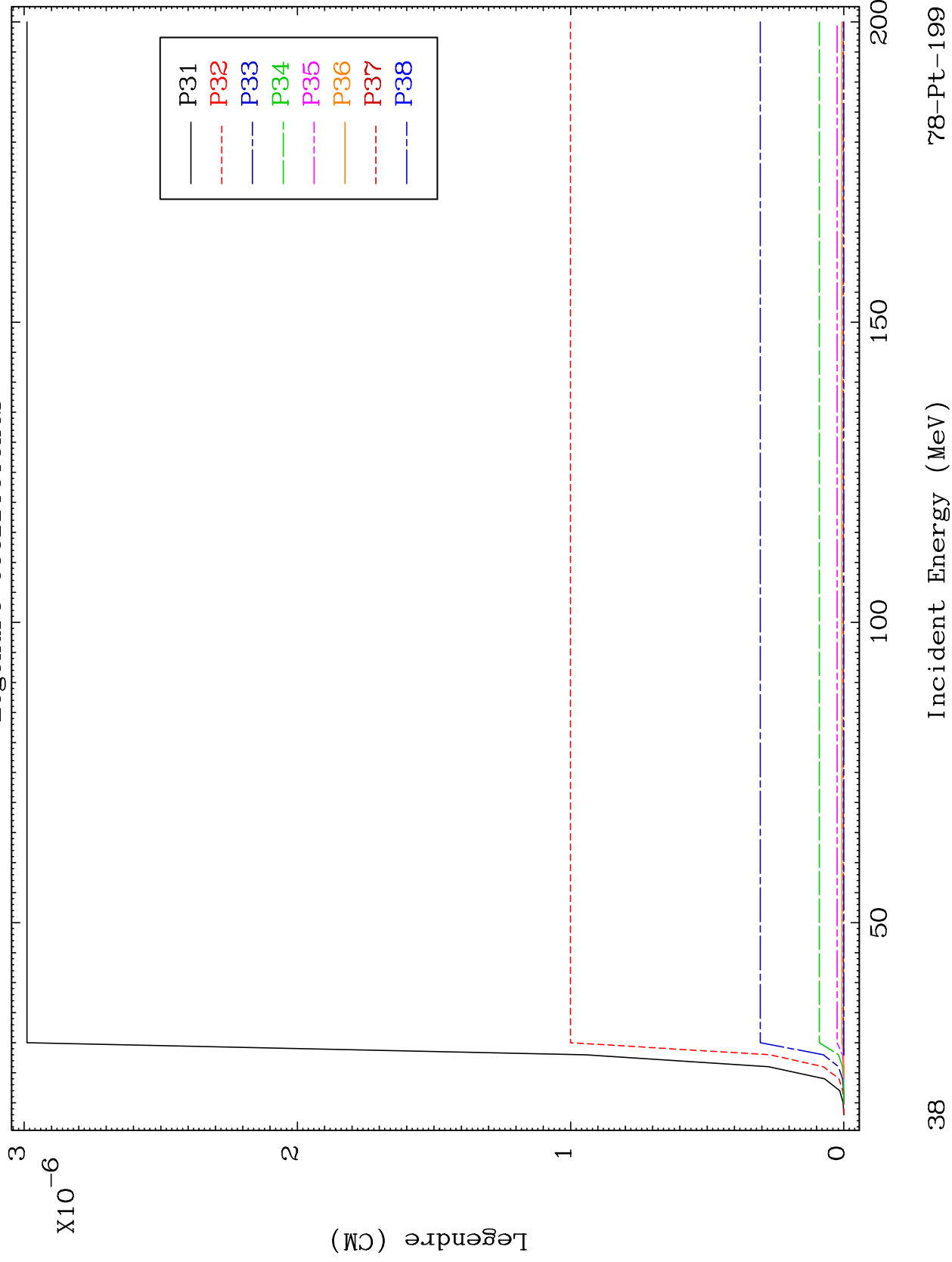
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

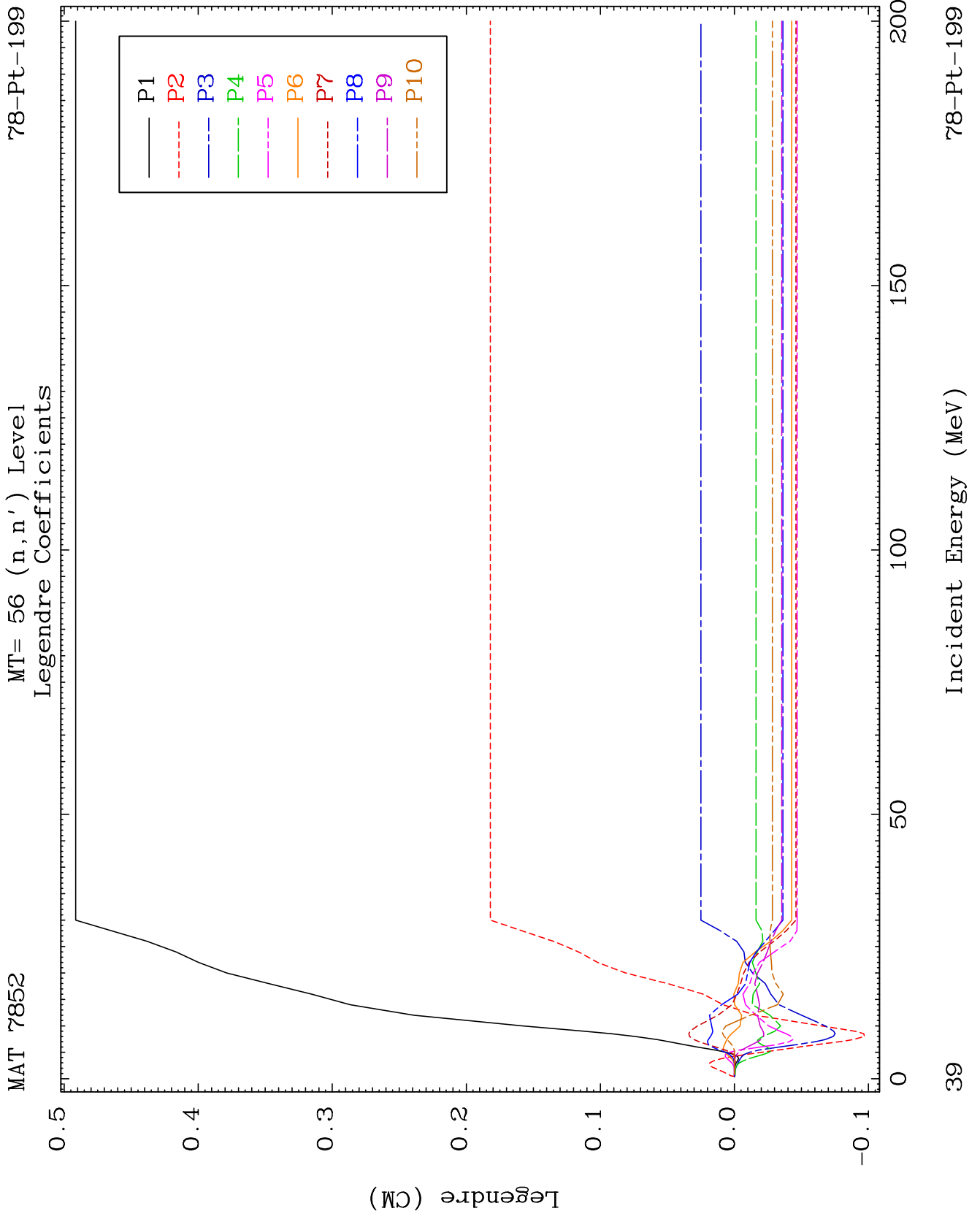
78-Pt-199



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Incident Energy (MeV)

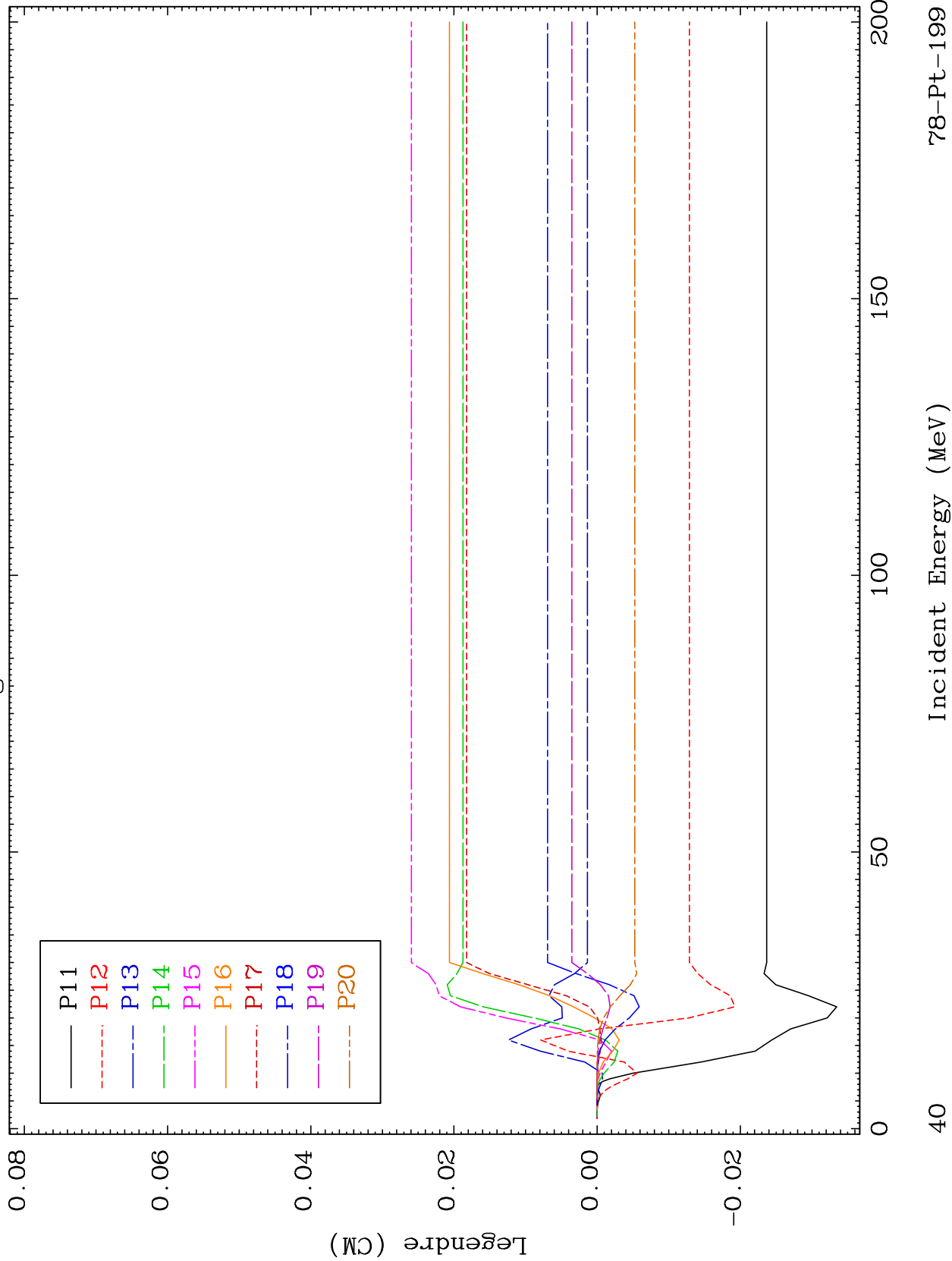
78-Pt-199



MAT 7852

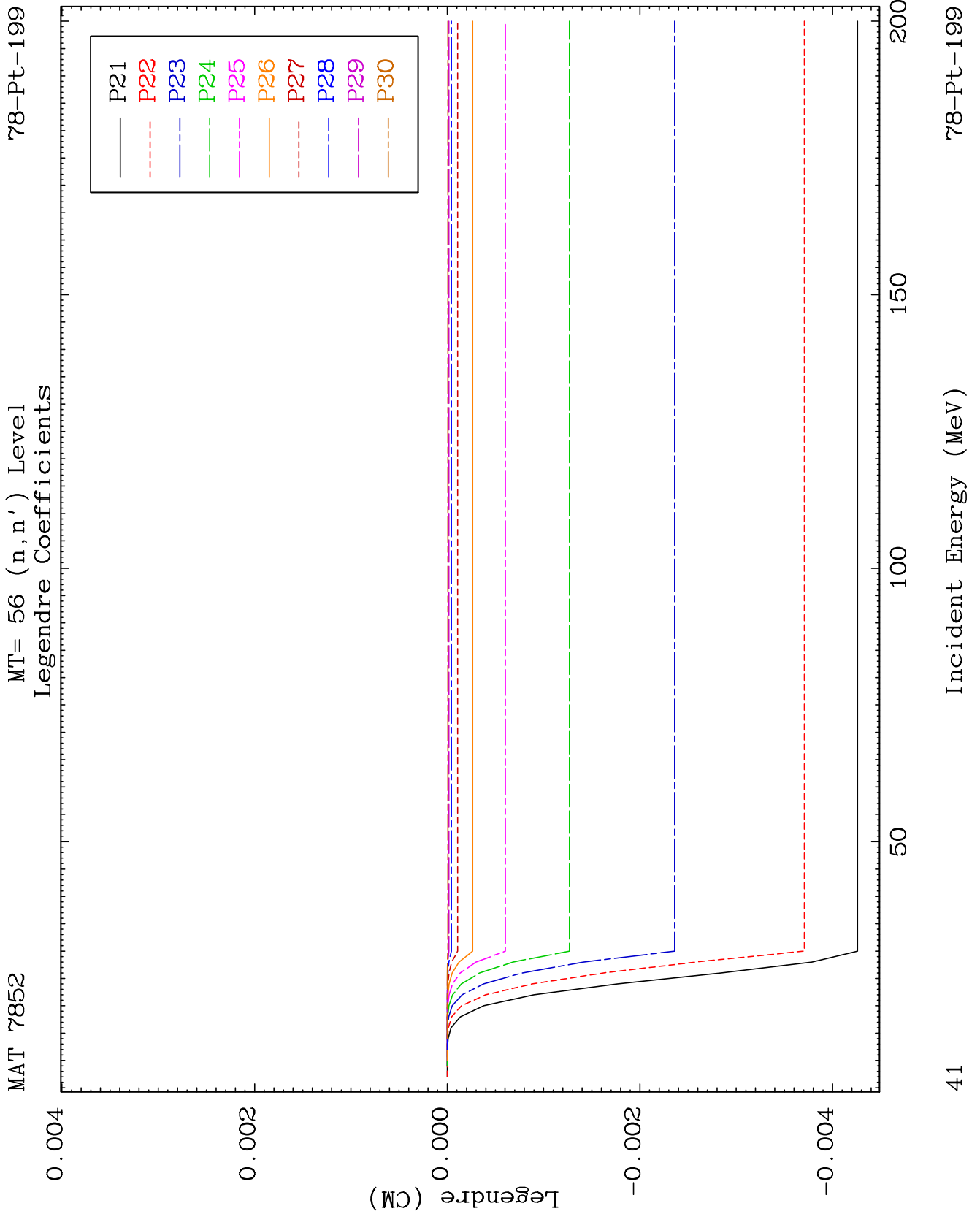
MT= 56 (n,n') Level
Legendre Coefficients

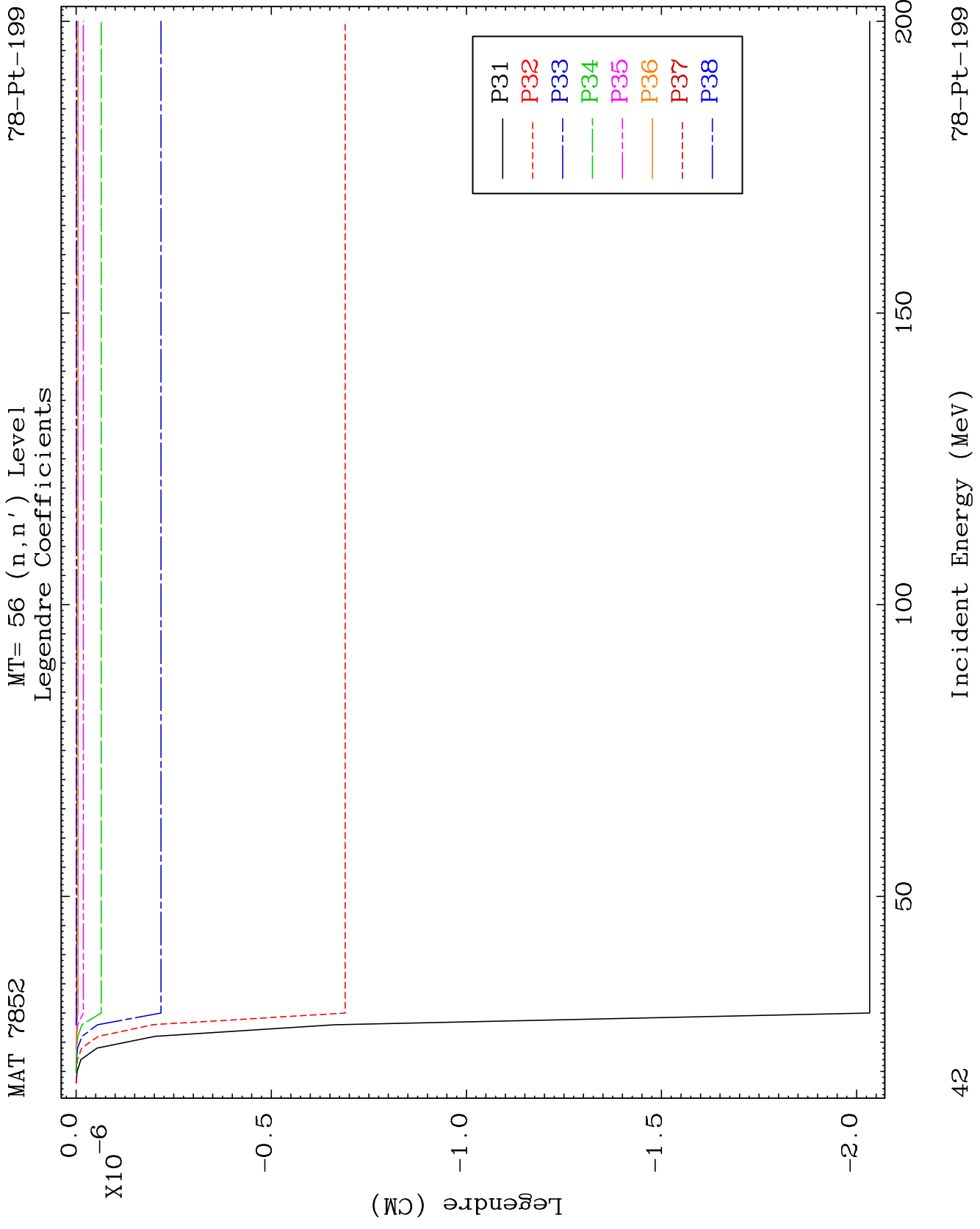
78-Pt-199



78-Pt-199

Incident Energy (MeV)

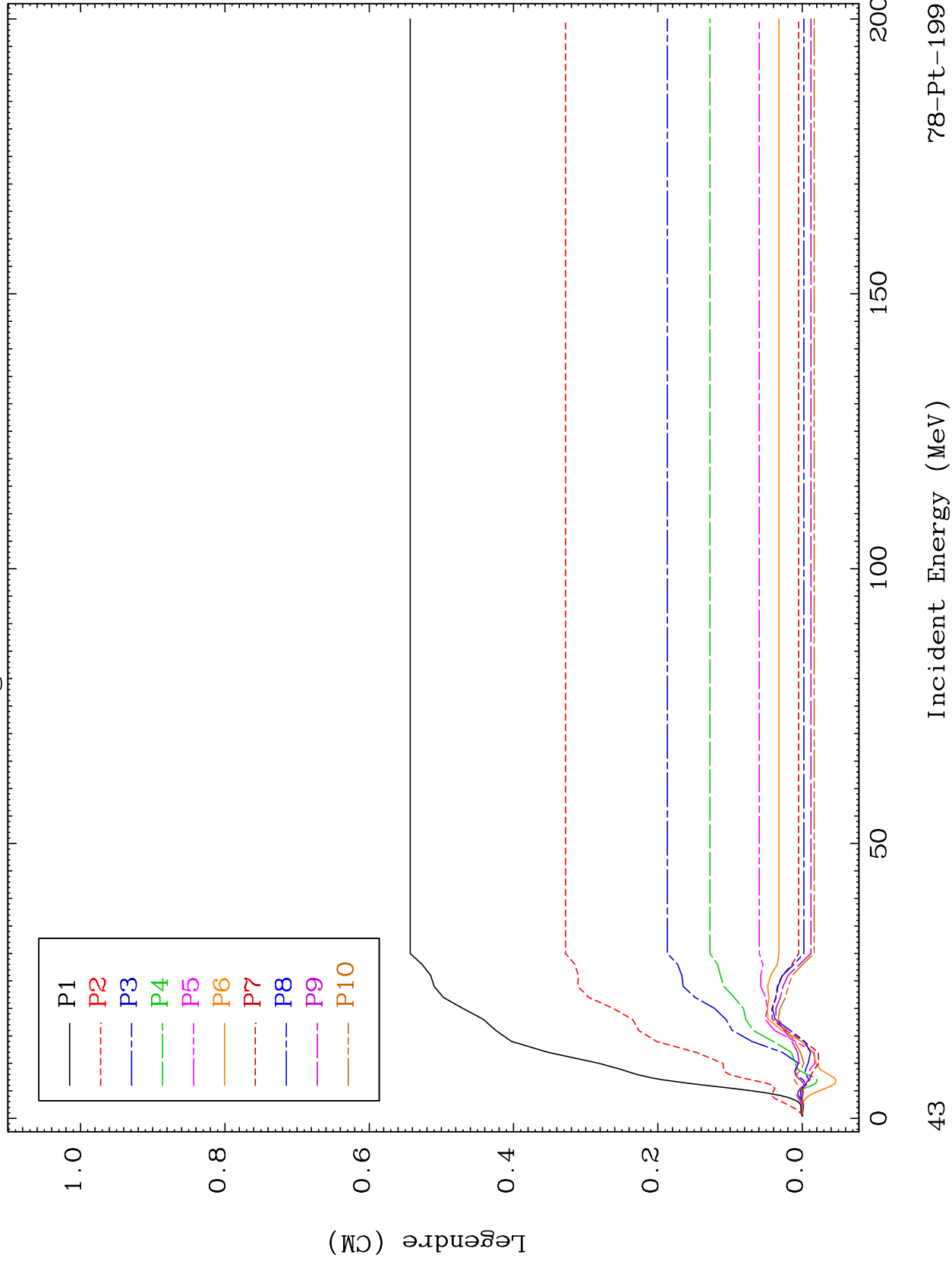




MAT 7852

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

78-Pt-199

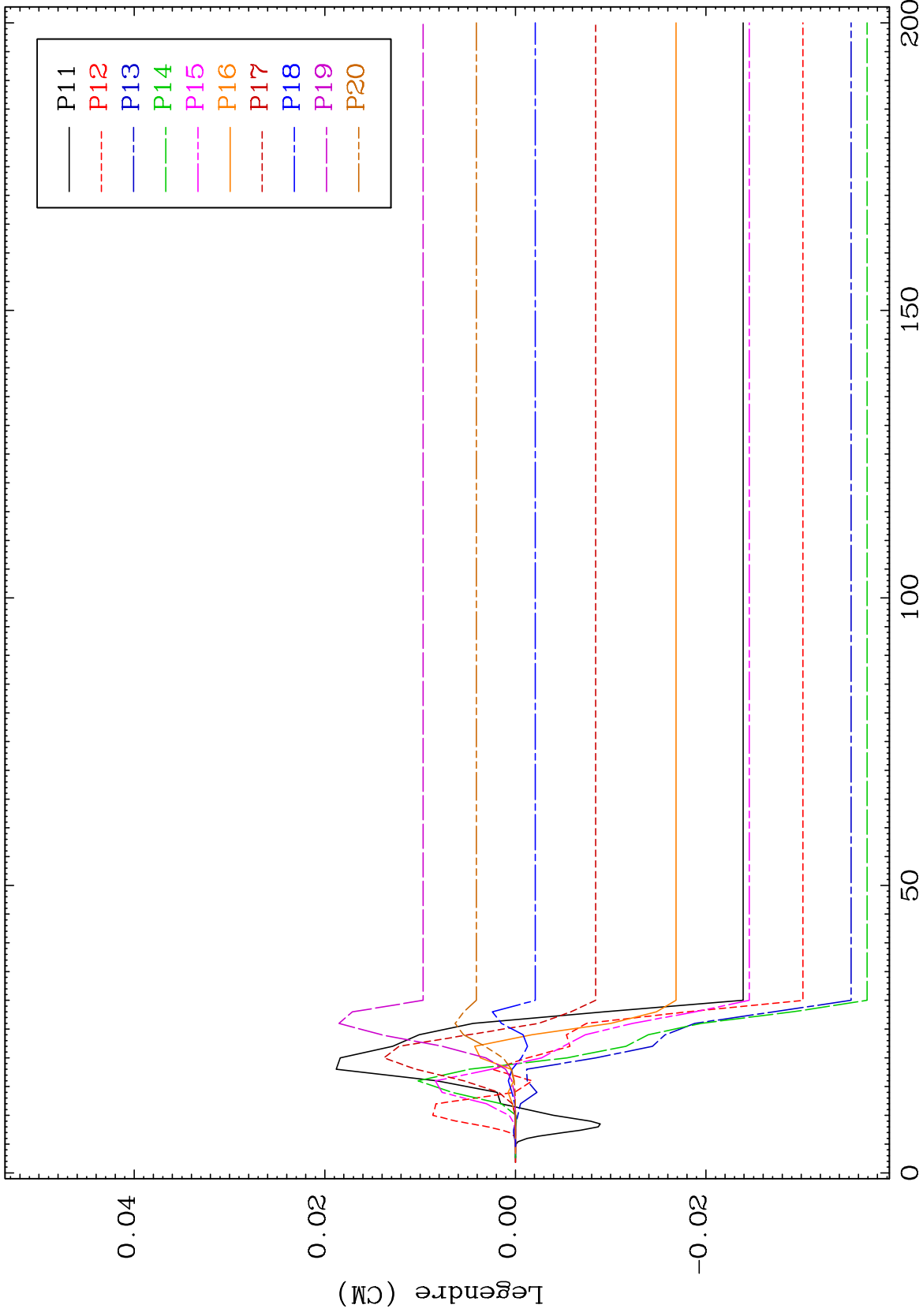


43

MAT 7852

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

78-Pt-199



44

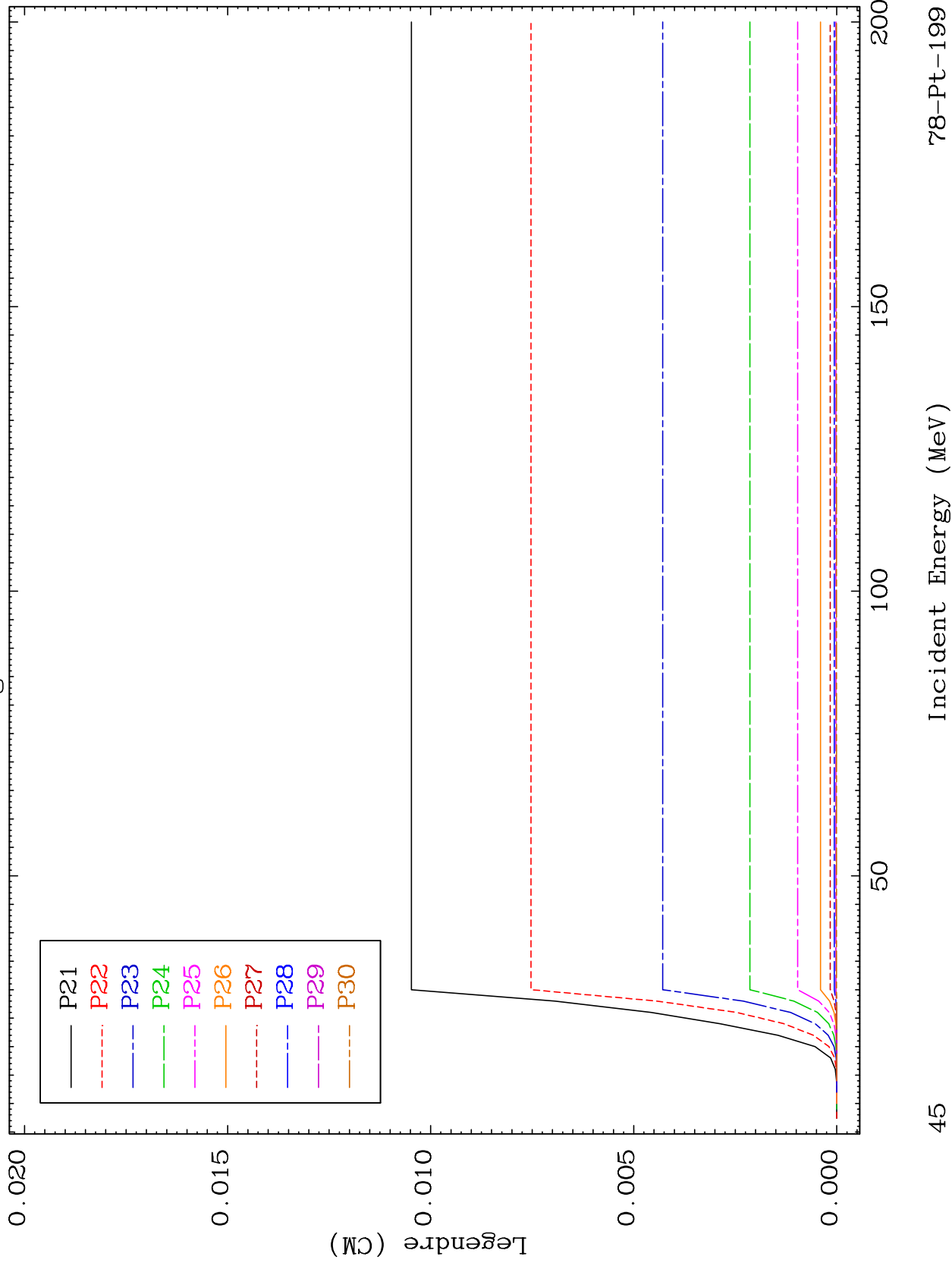
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



45

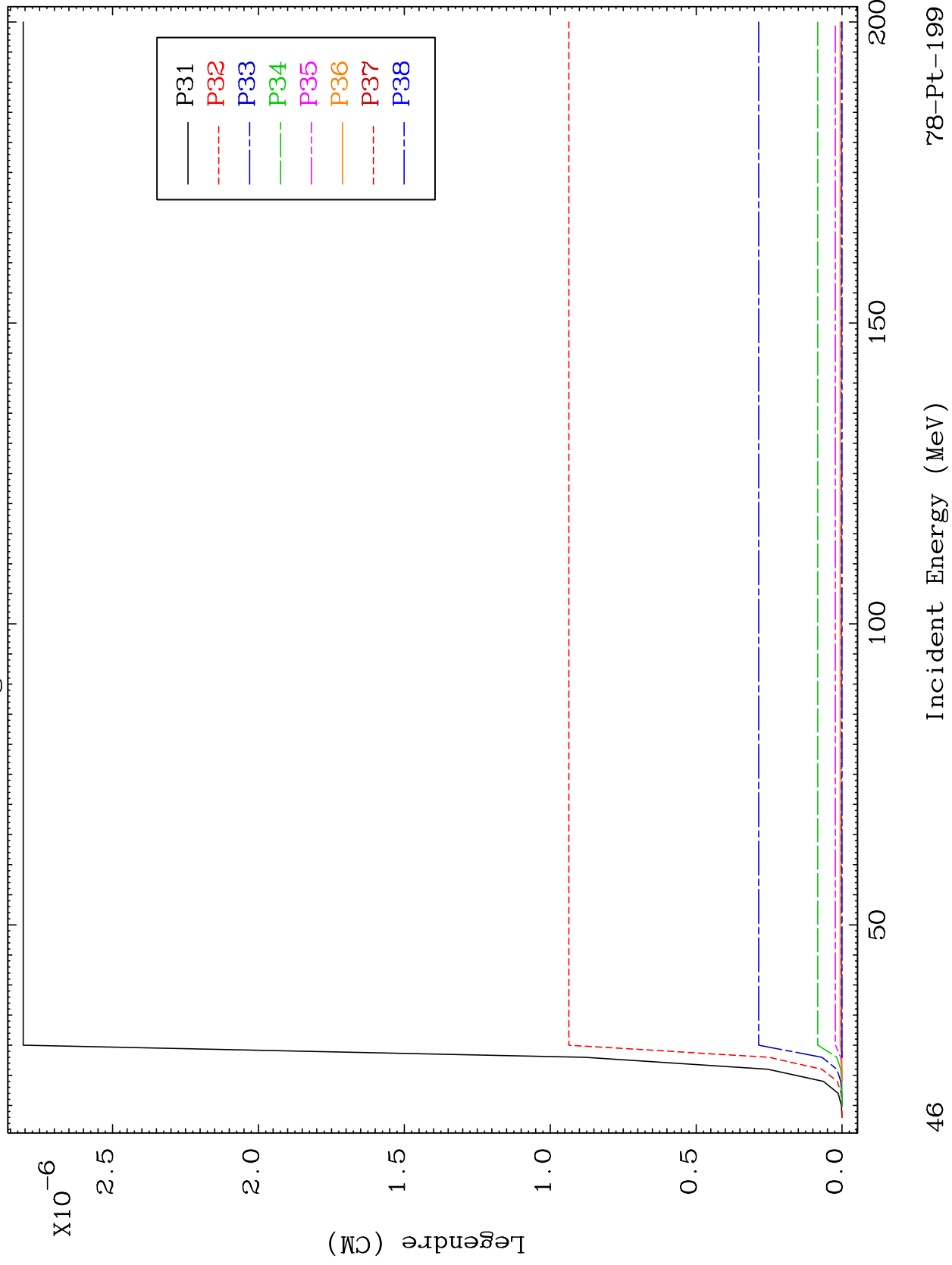
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



46

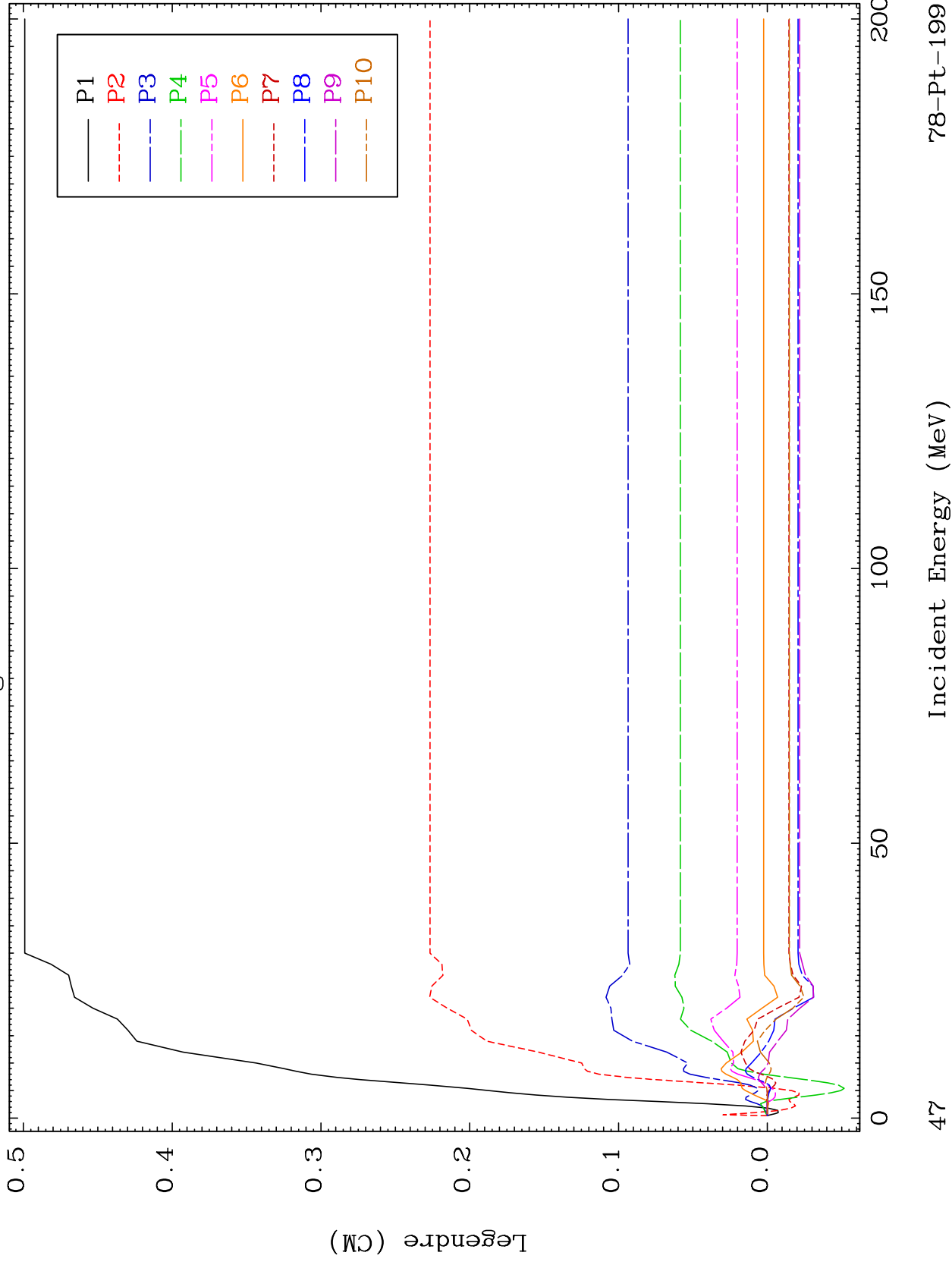
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



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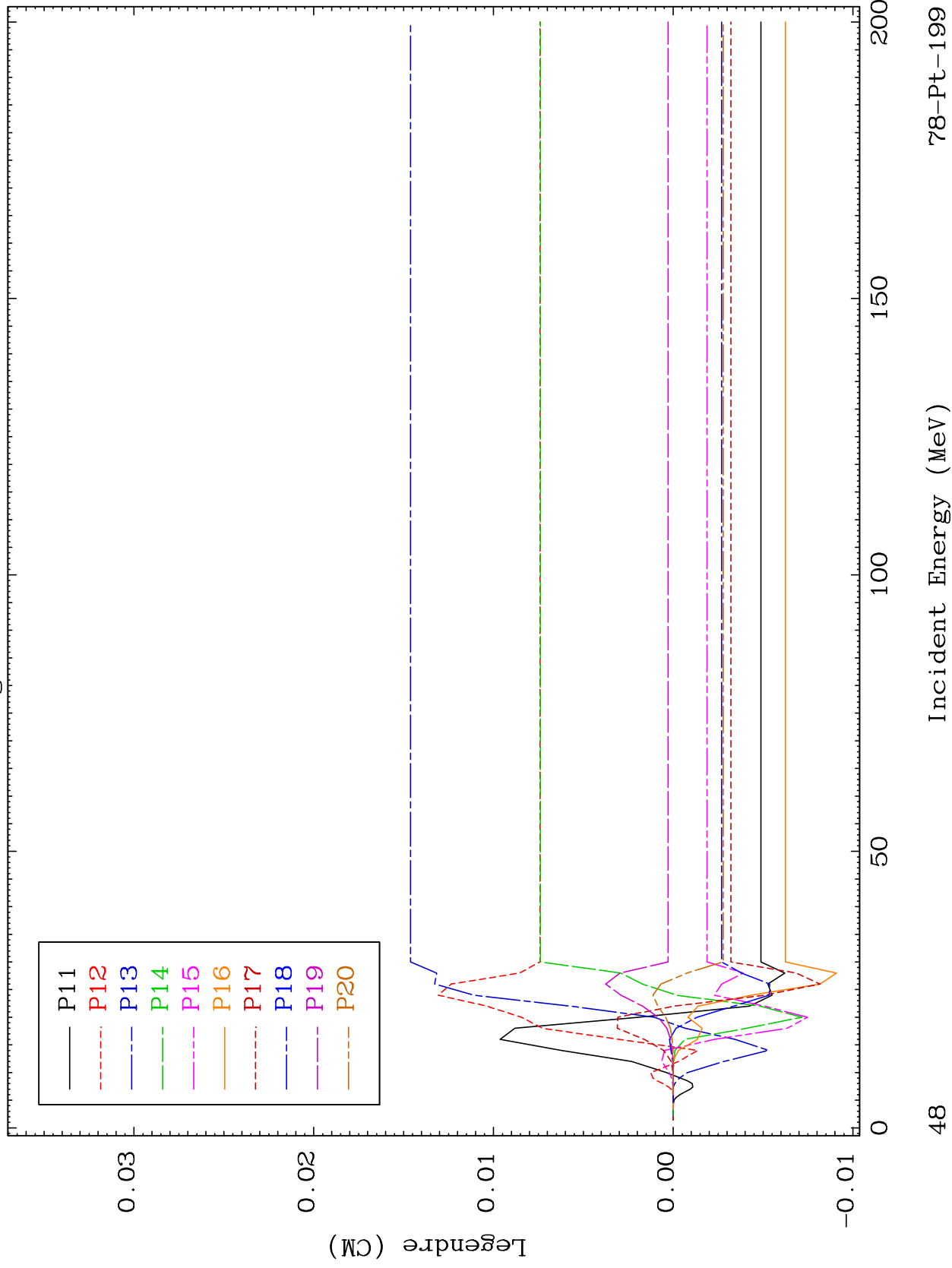
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



78-Pt-199

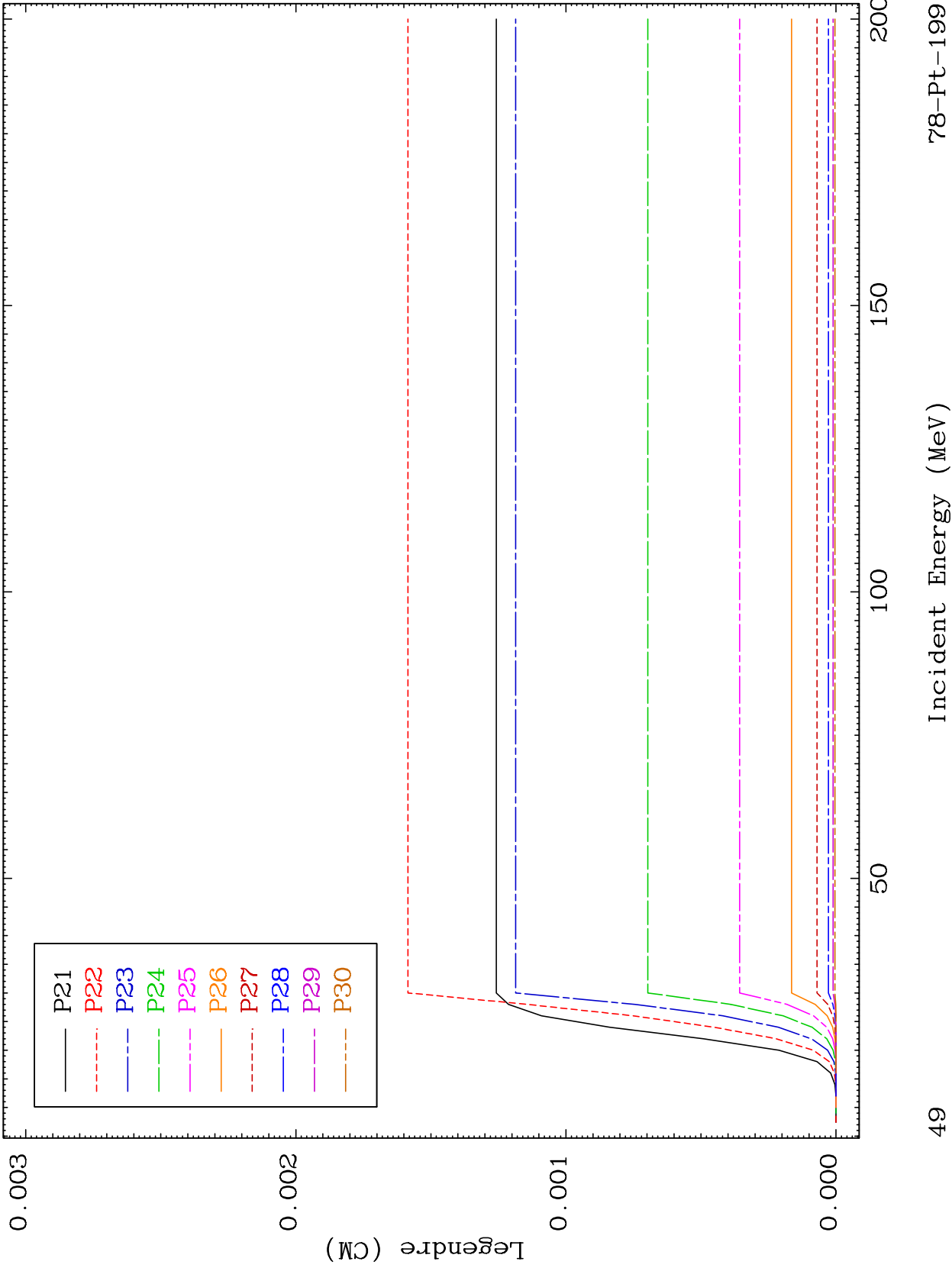
Incident Energy (MeV)

48

MAT 7852

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

78-Pt-199



49

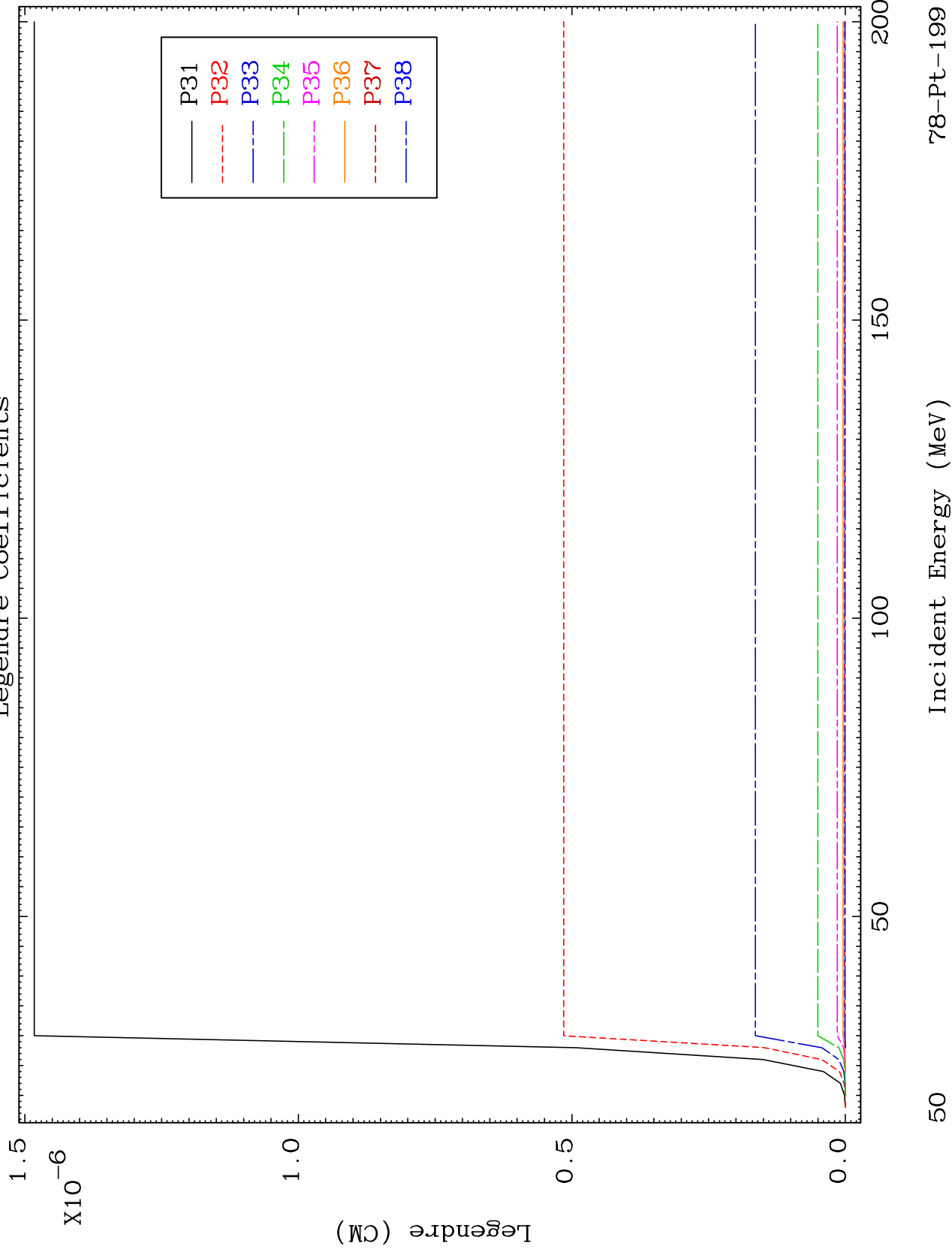
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

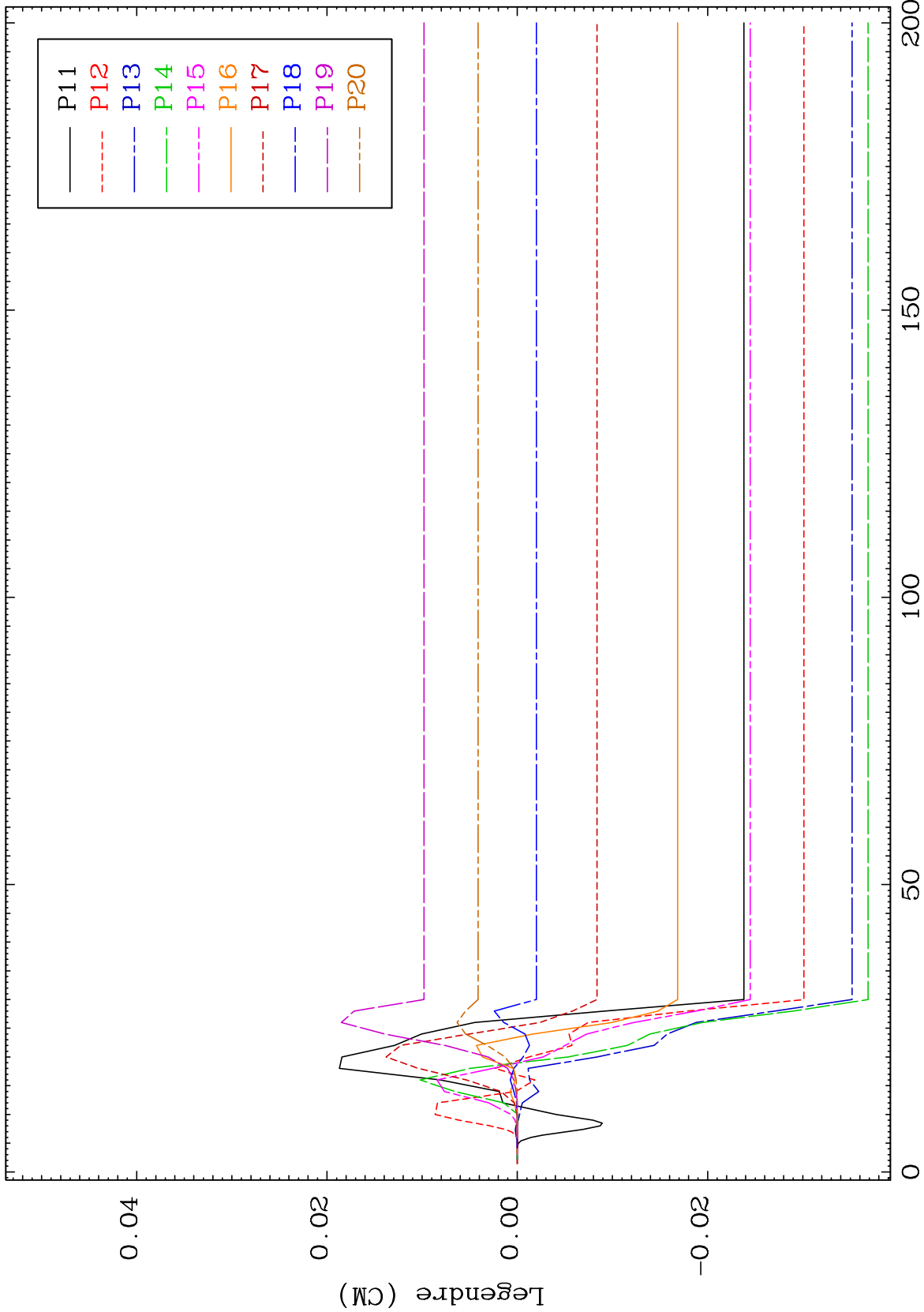
78-Pt-199



MAT 7852

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

78-Pt-199



52

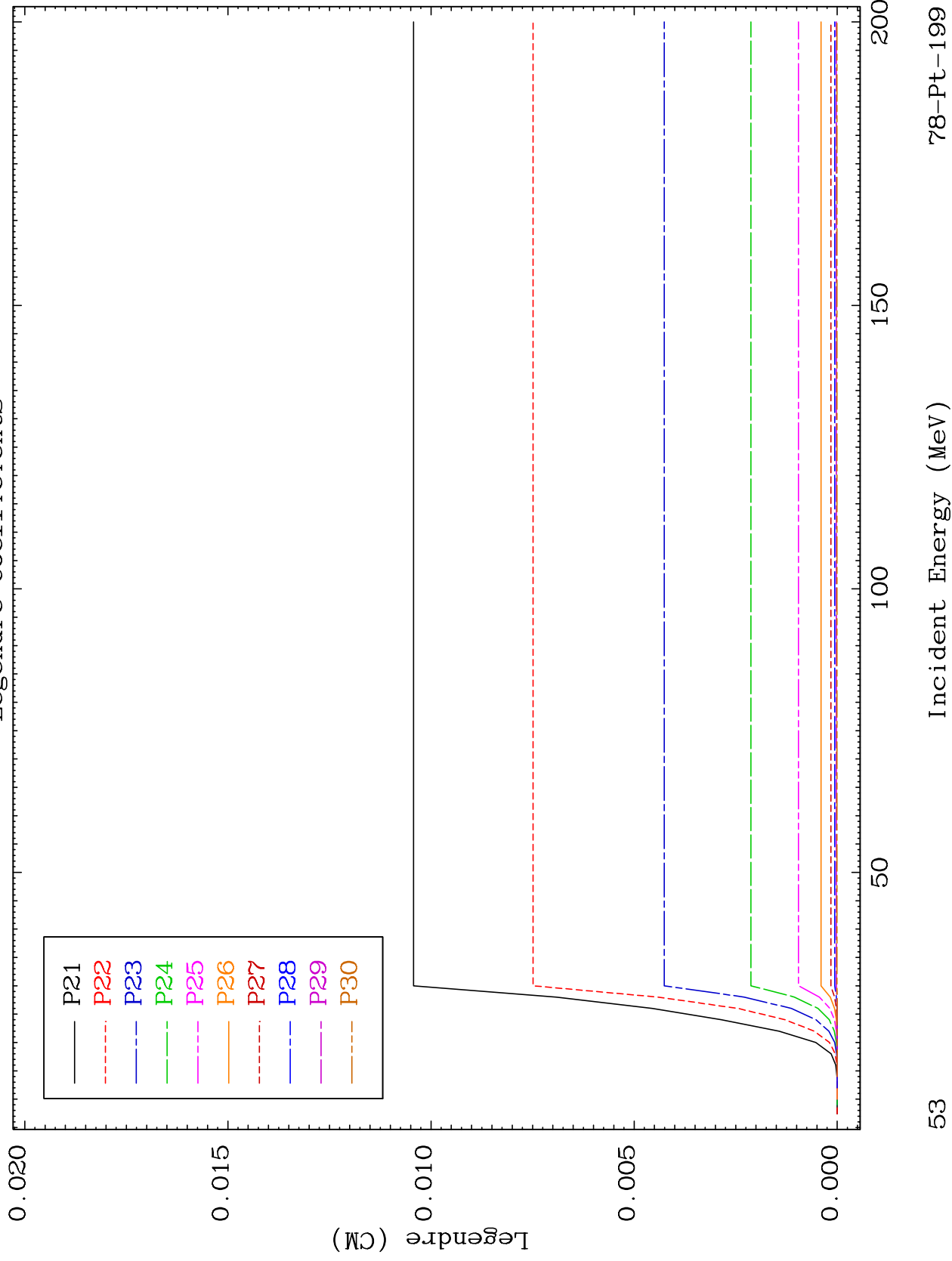
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

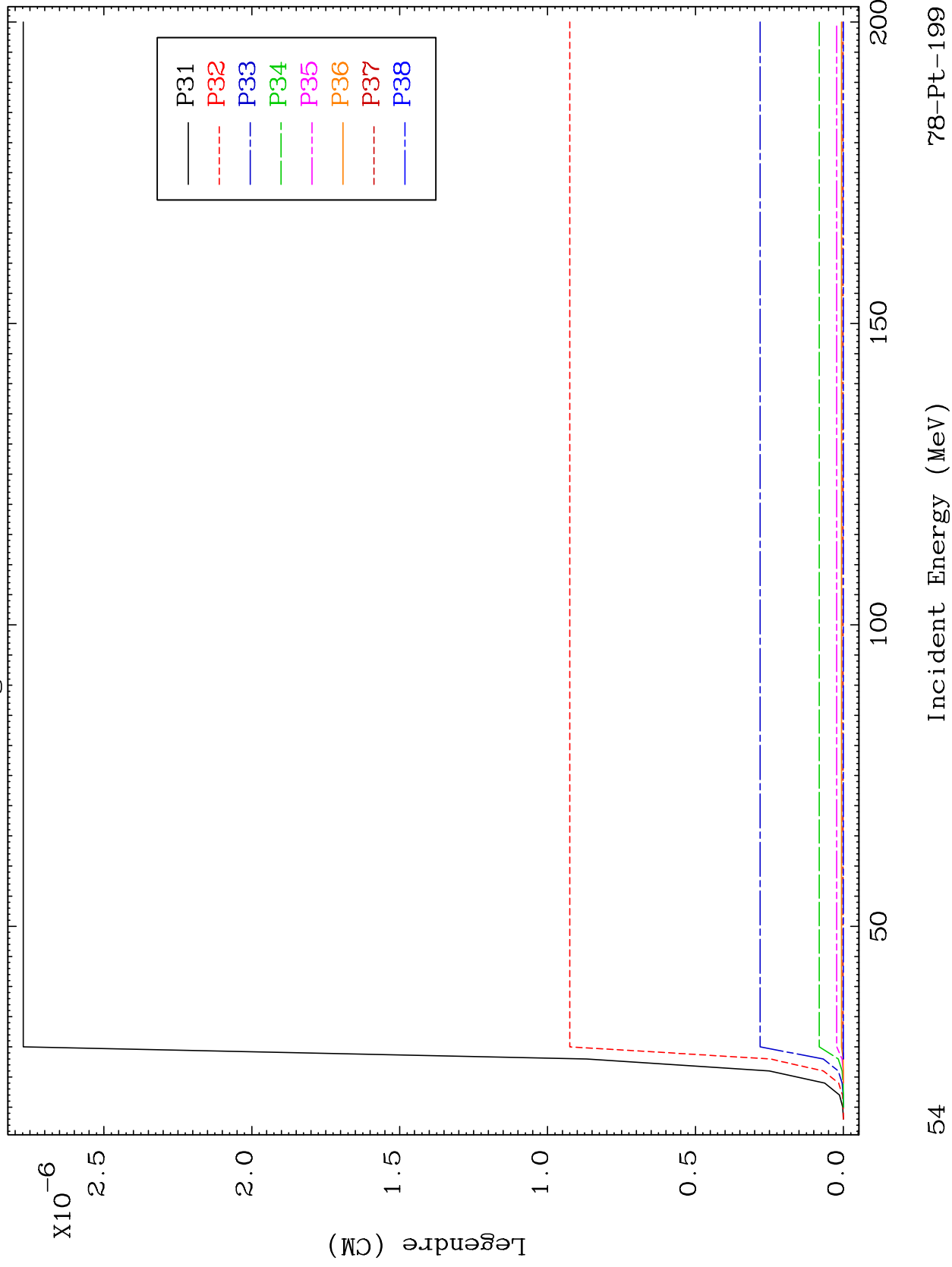
78-Pt-199



MAT 7852

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

78-Pt-199



54

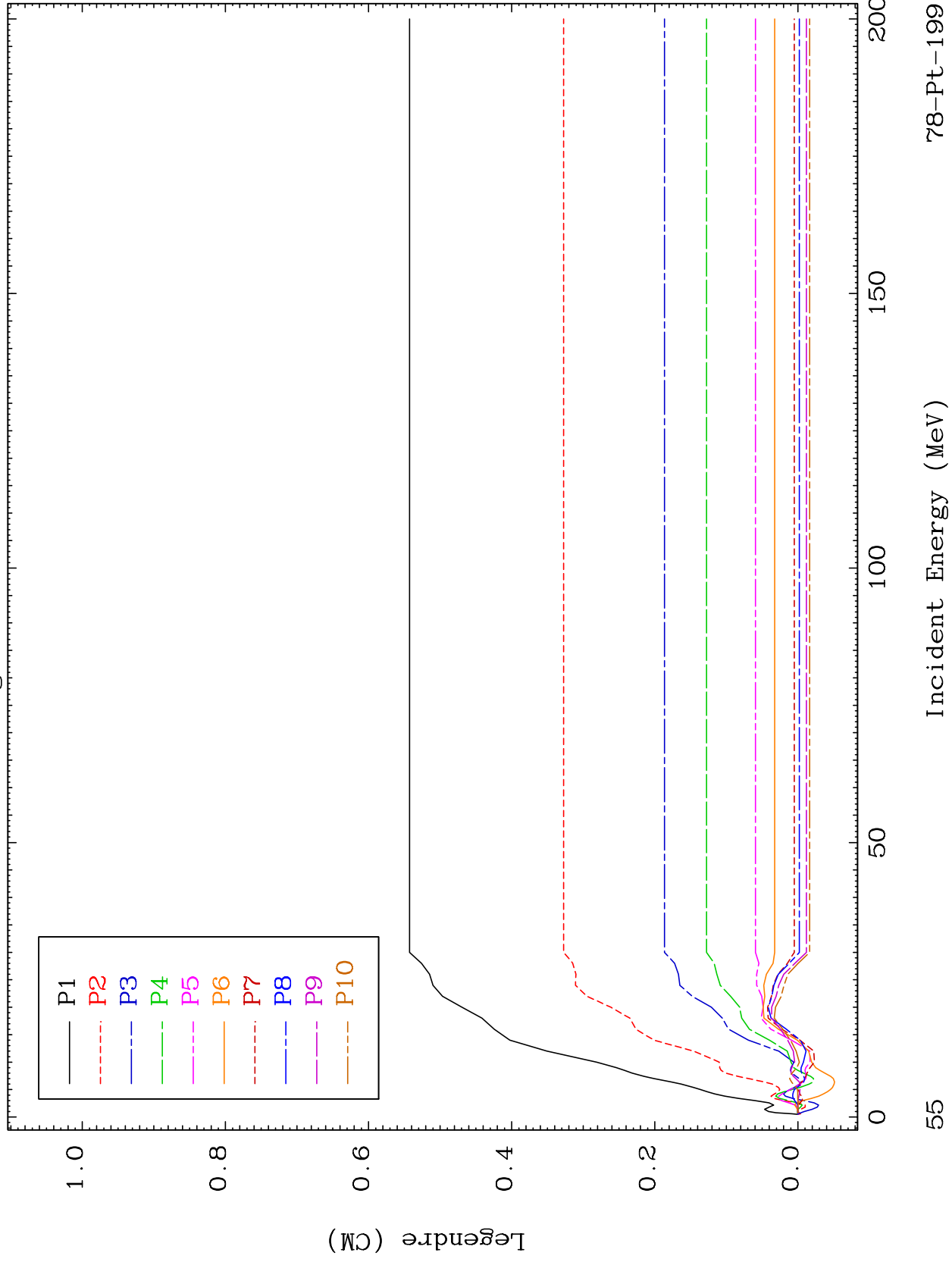
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199

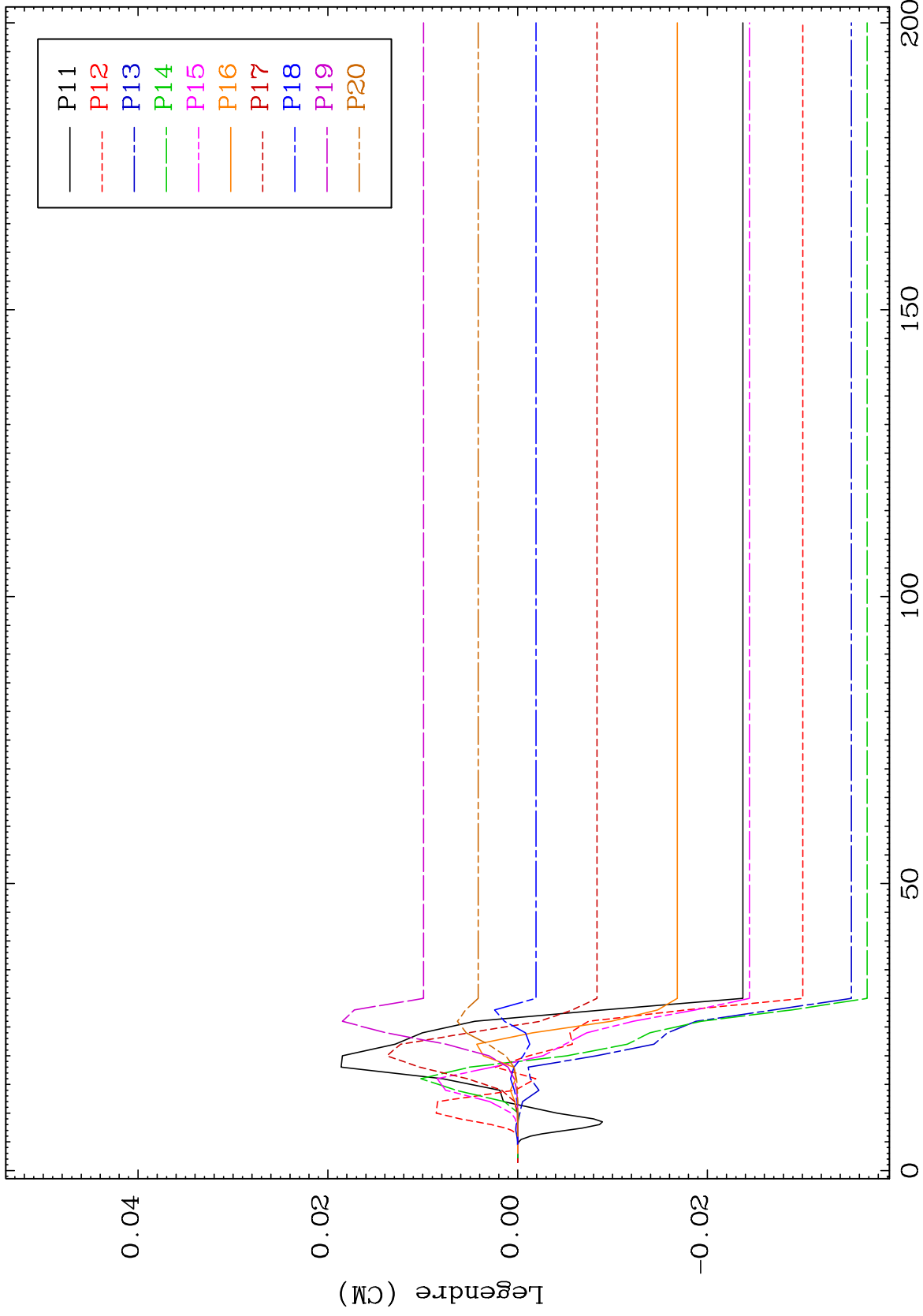


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MAT 7852

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

78-Pt-199



56

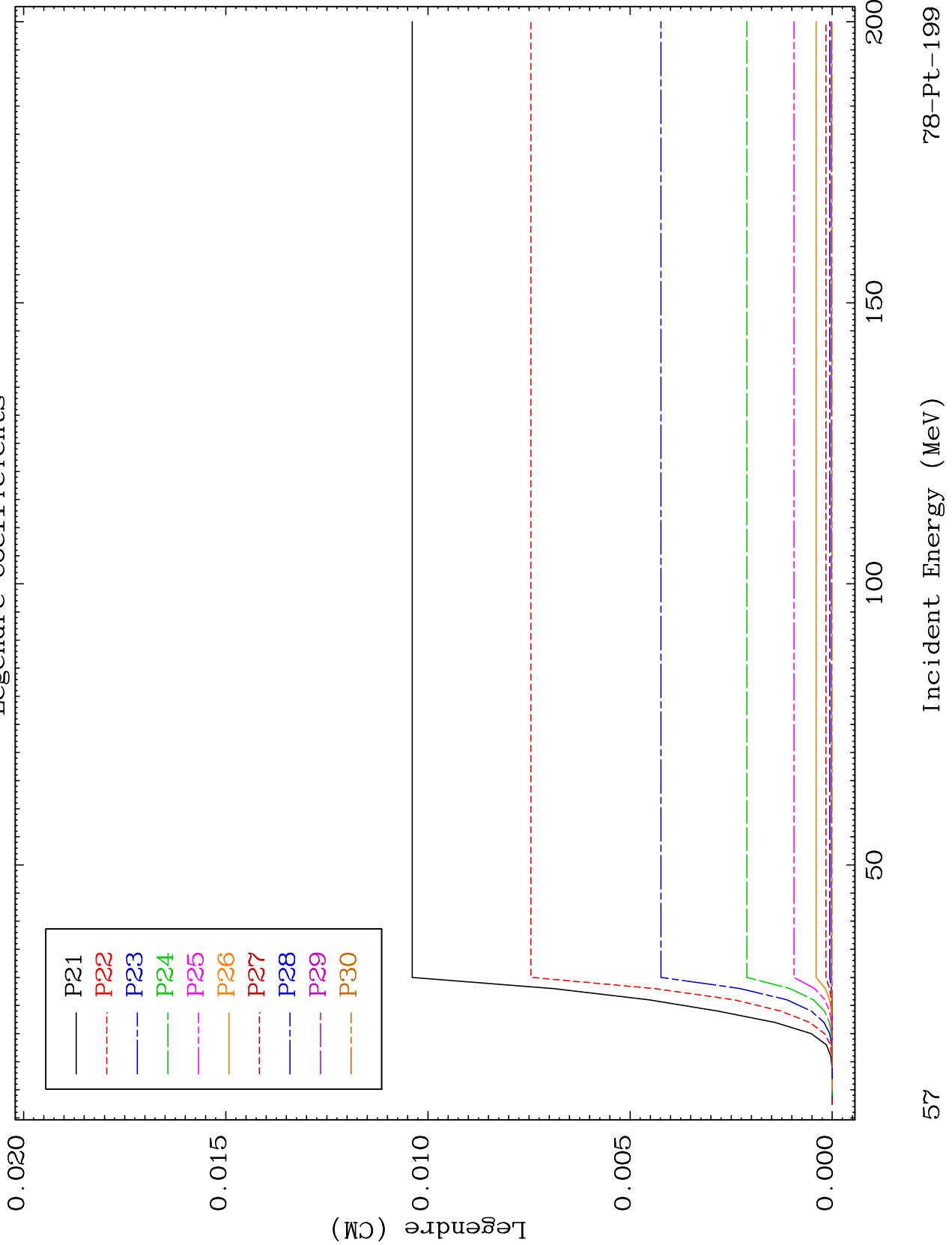
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

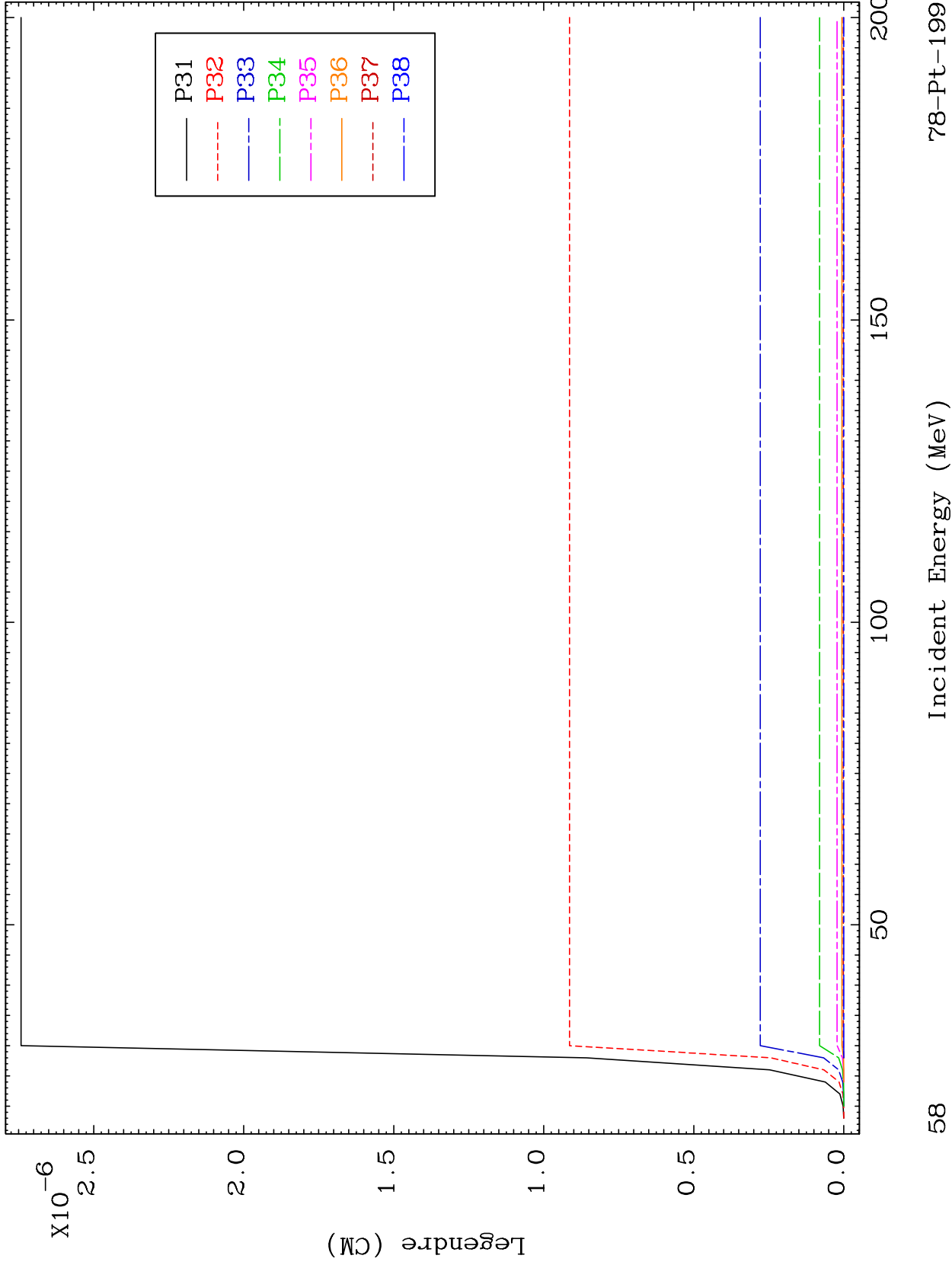
78-Pt-199



MAT 7852

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

78-Pt-199



58

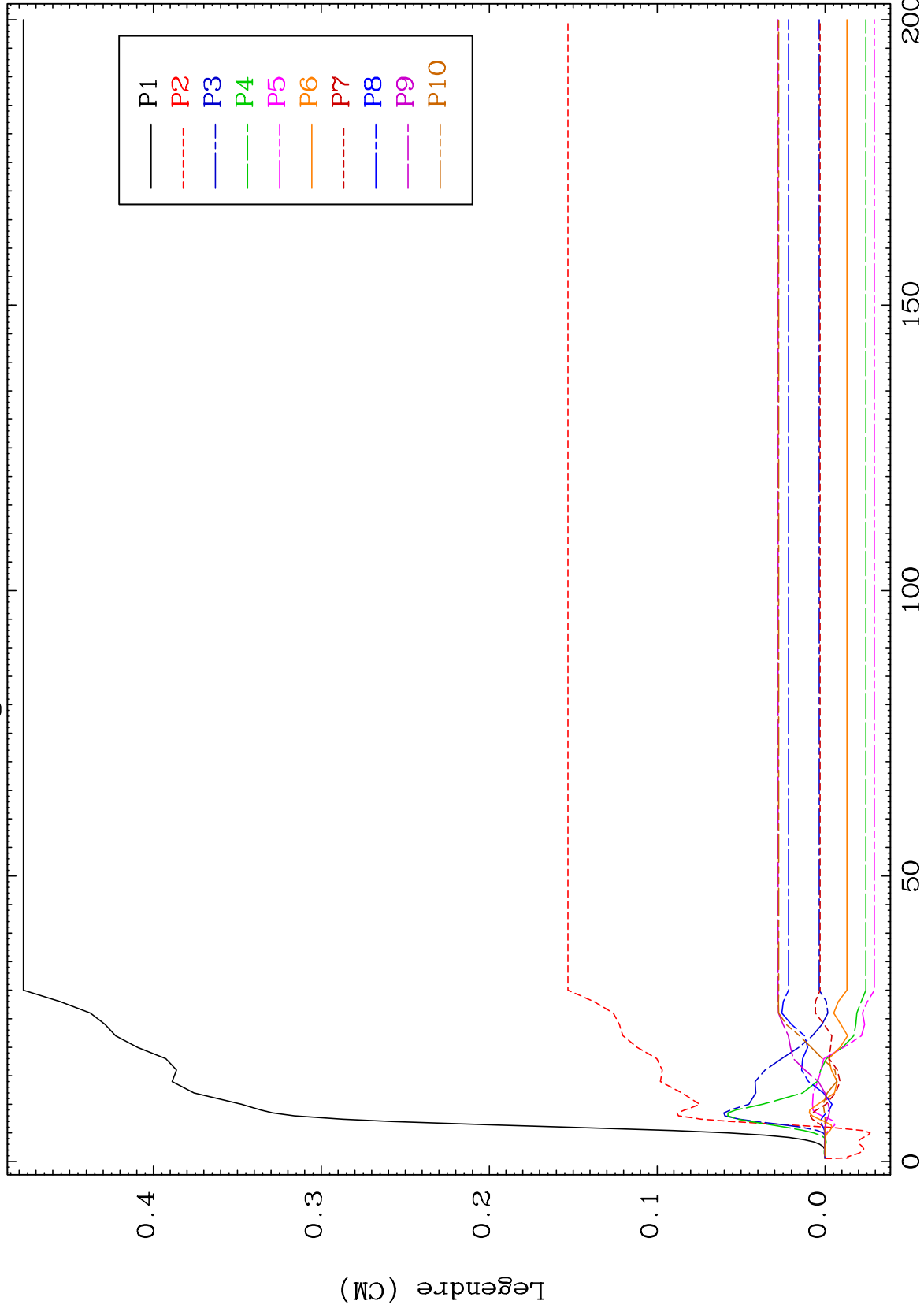
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



59

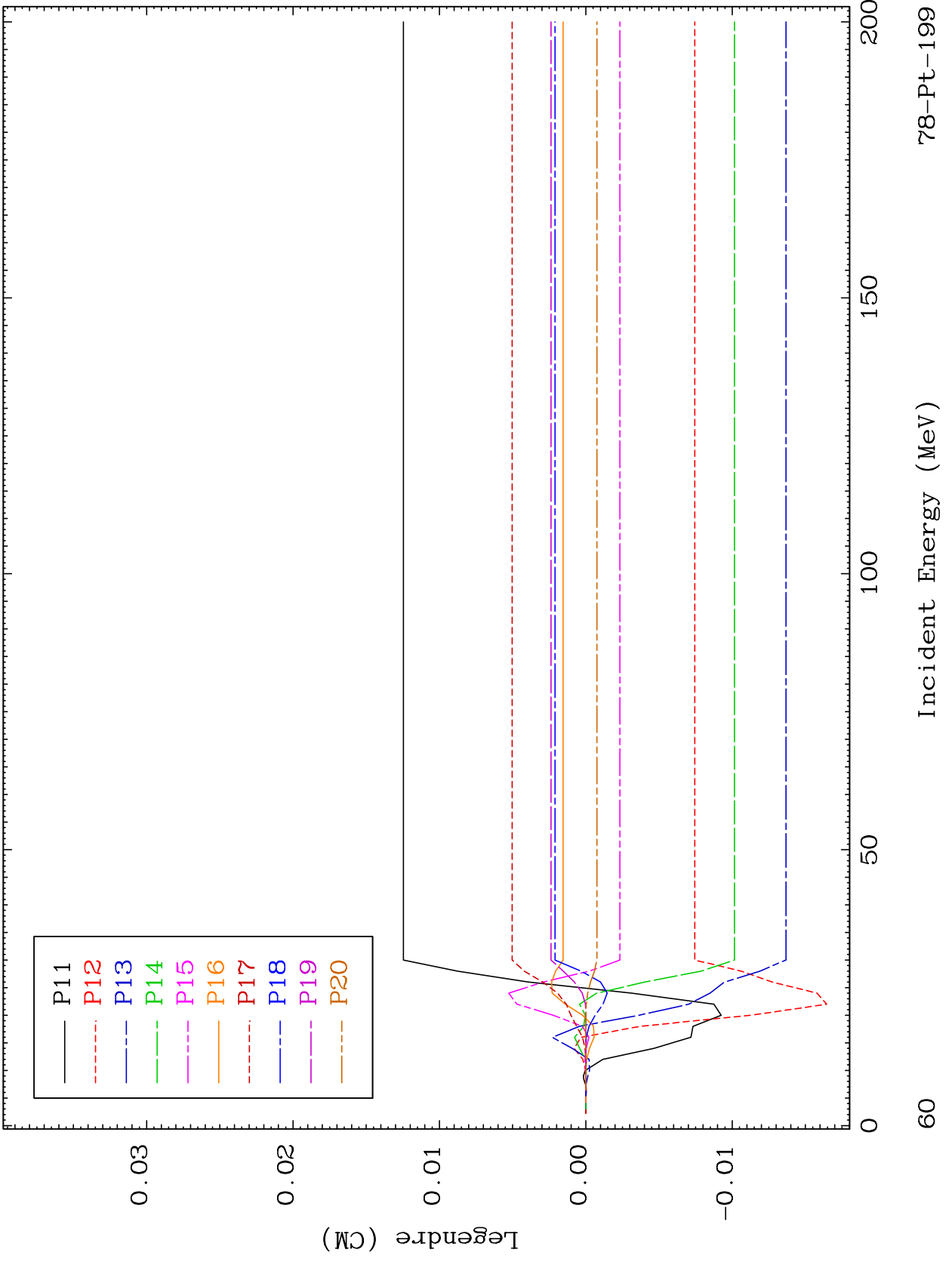
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78-Pt-199

MAT 7852

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

78-Pt-199



78-Pt-199

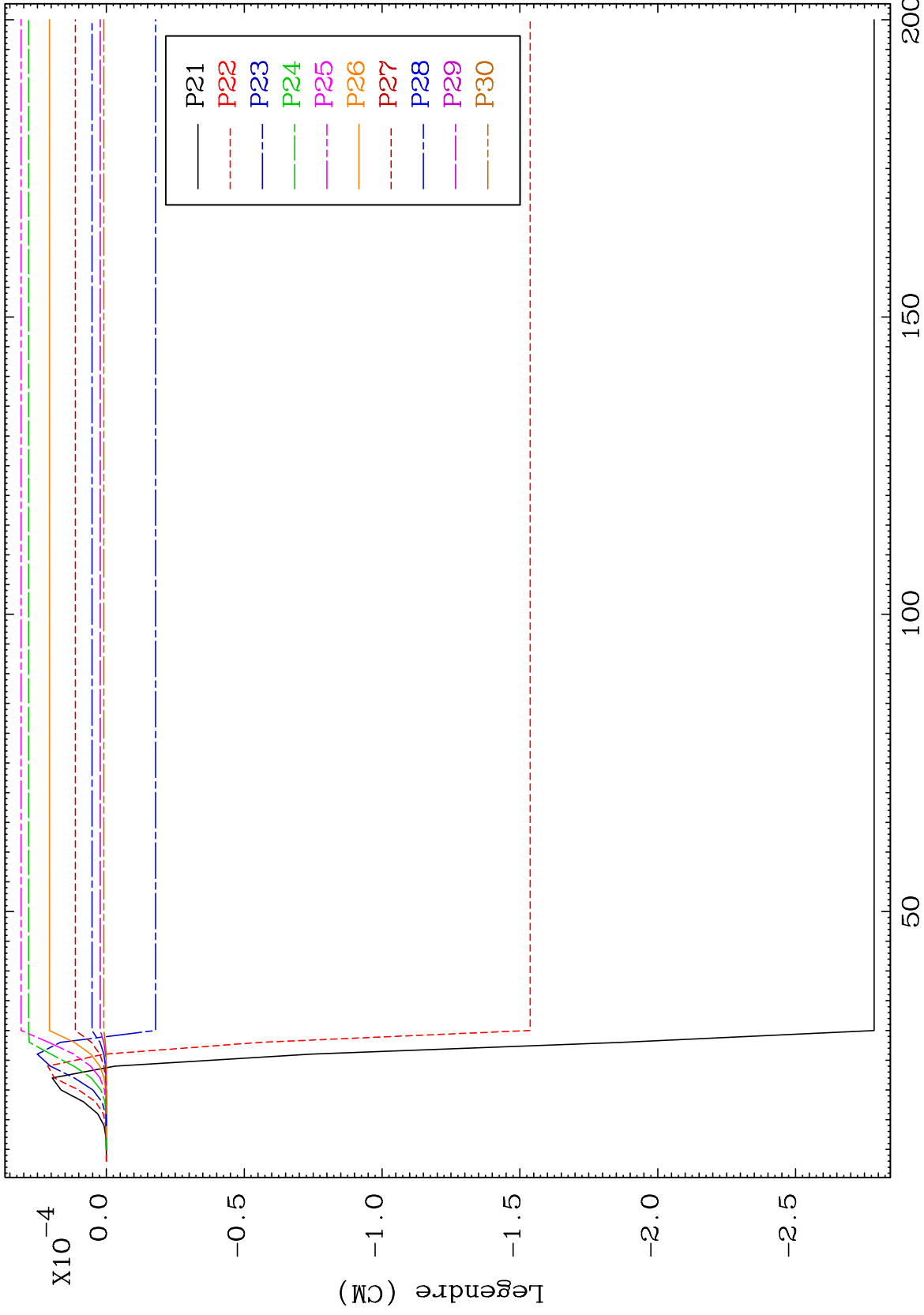
Incident Energy (MeV)

60

MAT 7852

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

78-Pt-199



61

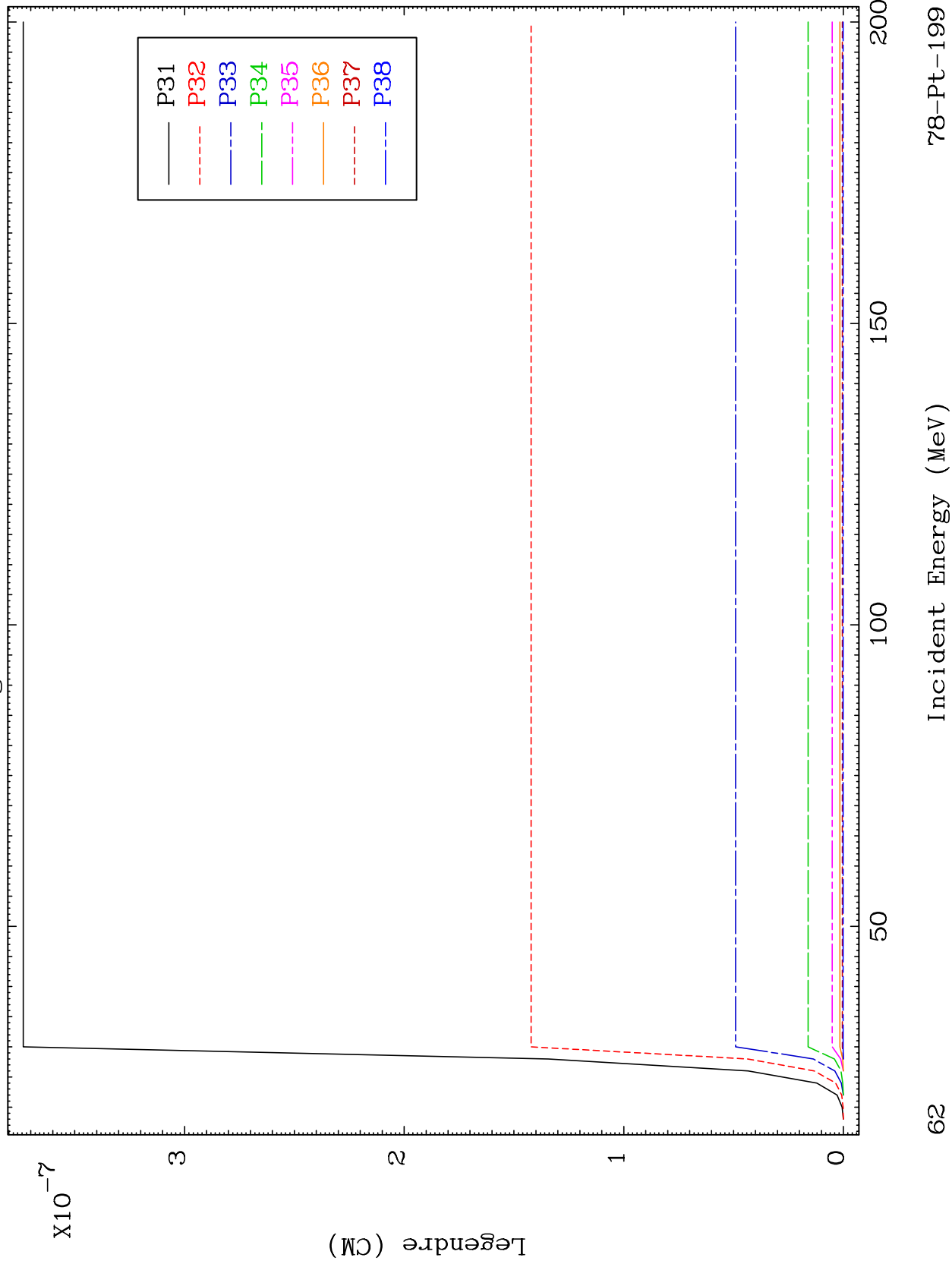
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

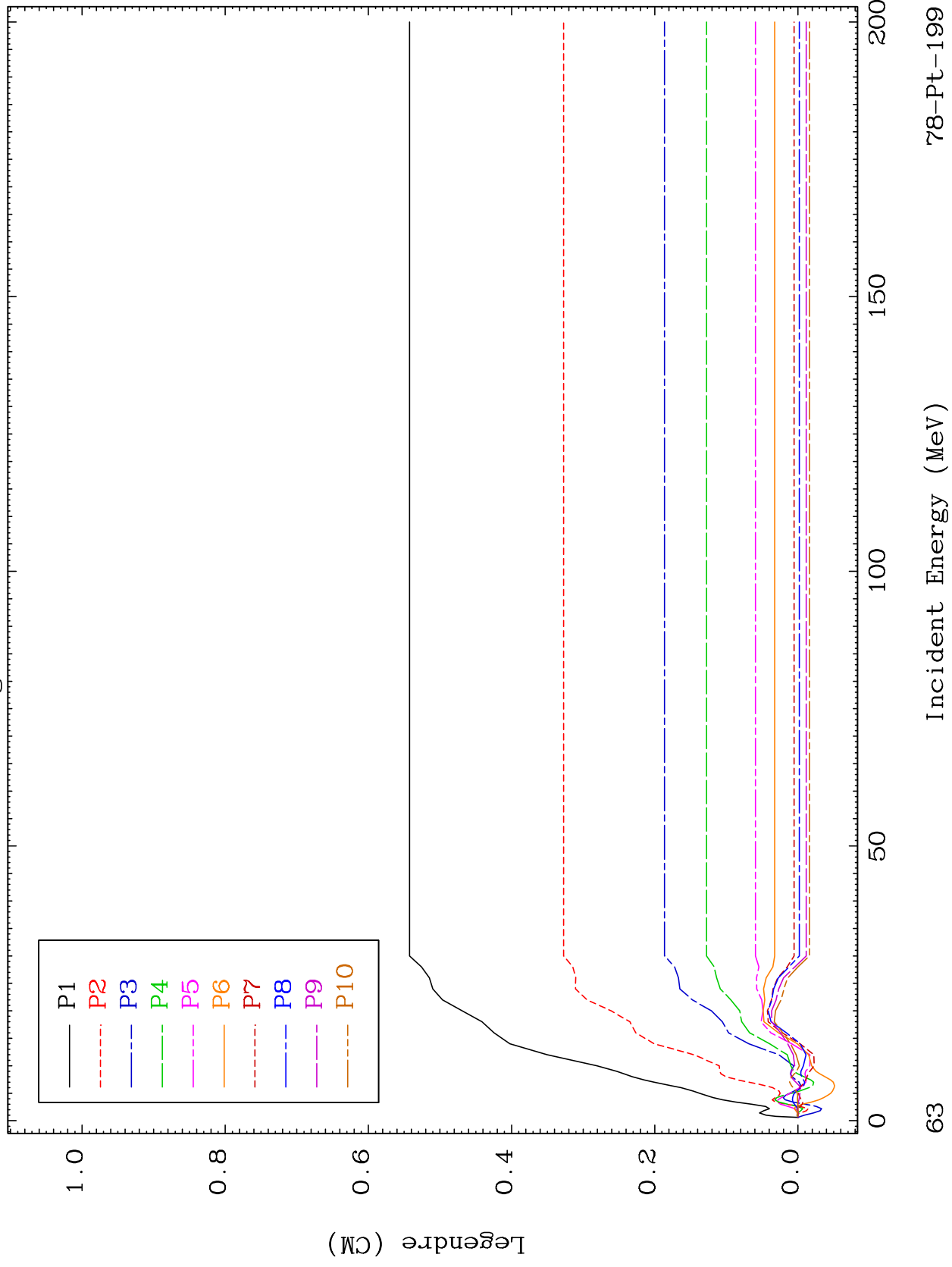
78-Pt-199



MAT 7852

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

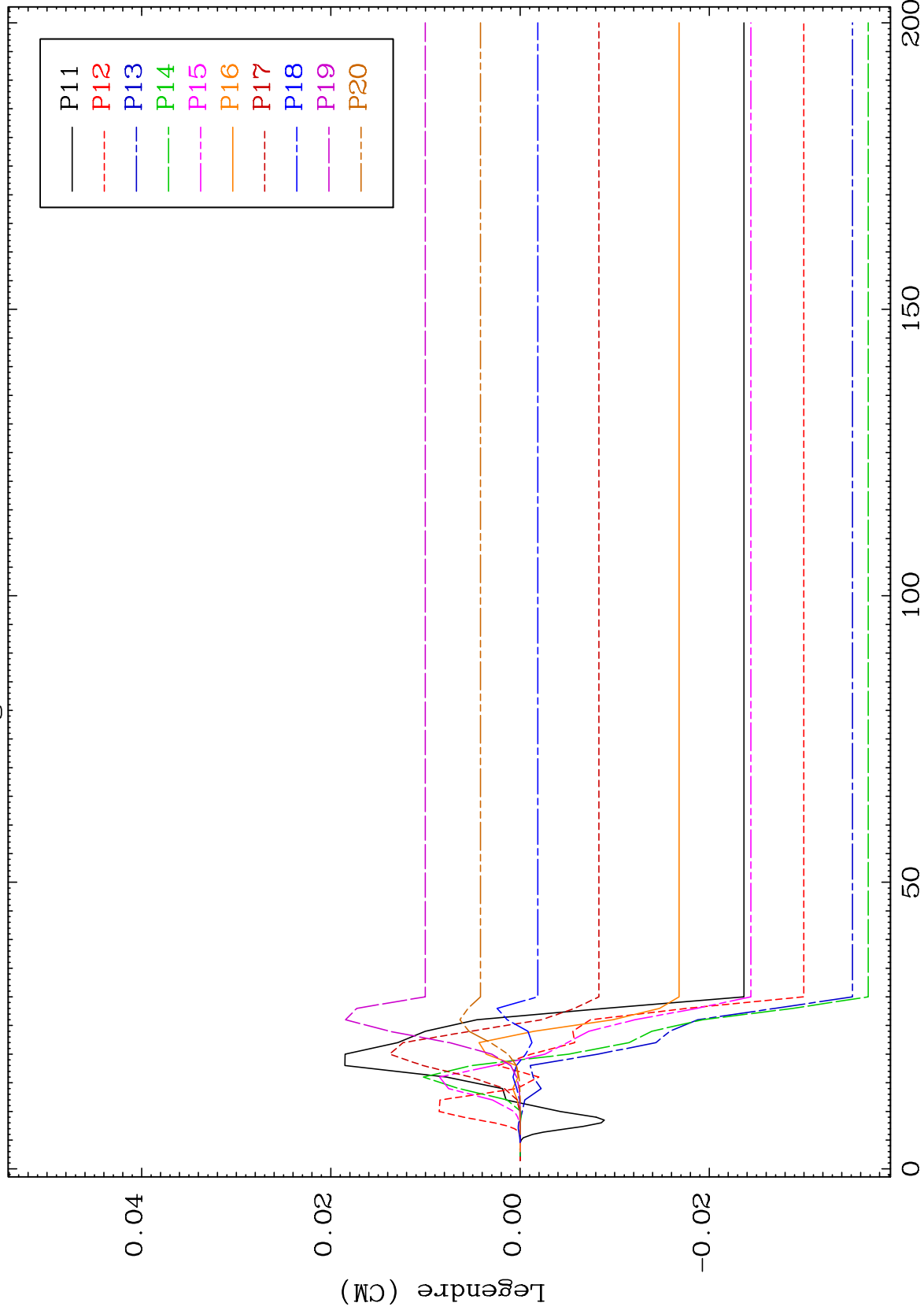
78-Pt-199



MAT 7852

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

78-Pt-199



64

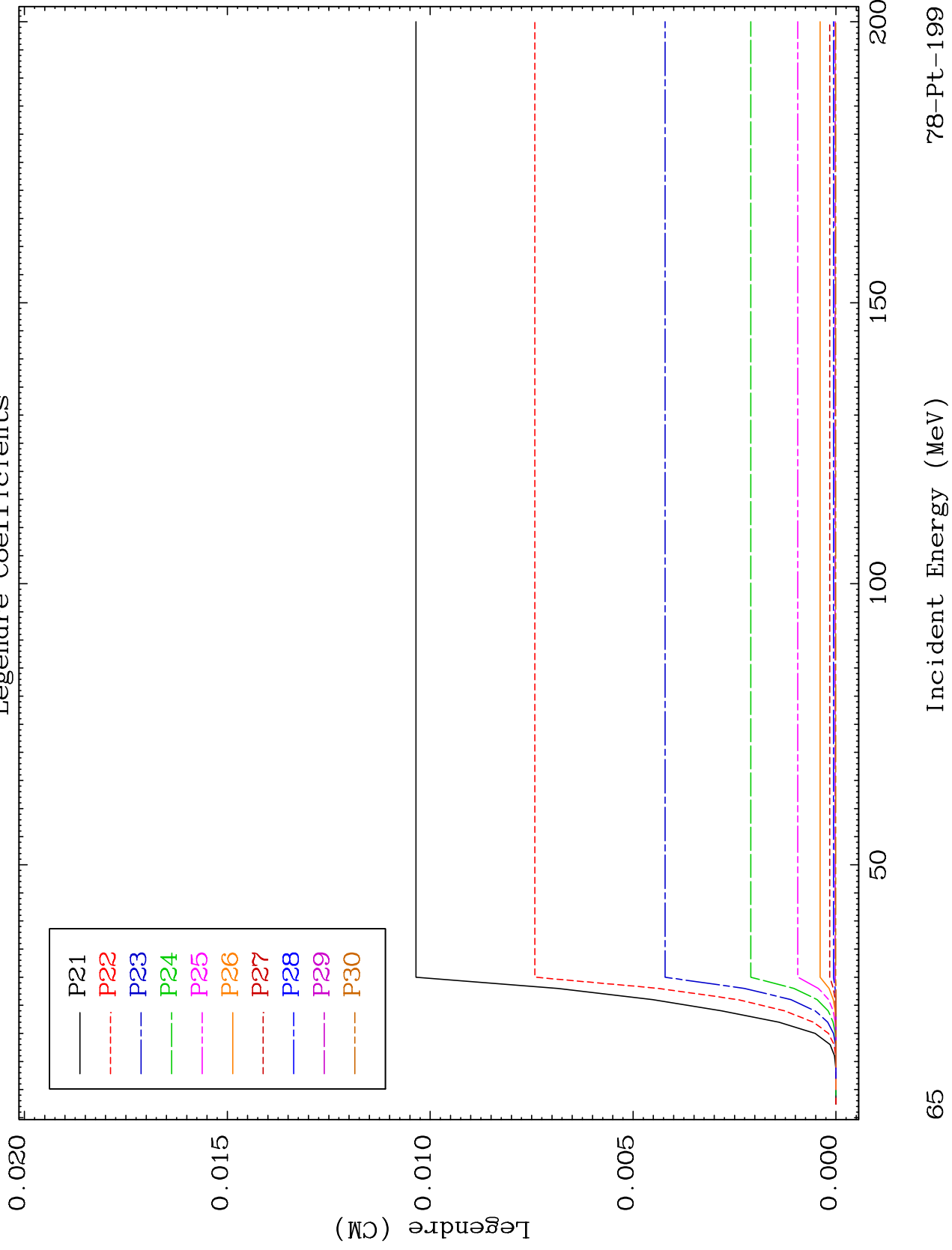
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

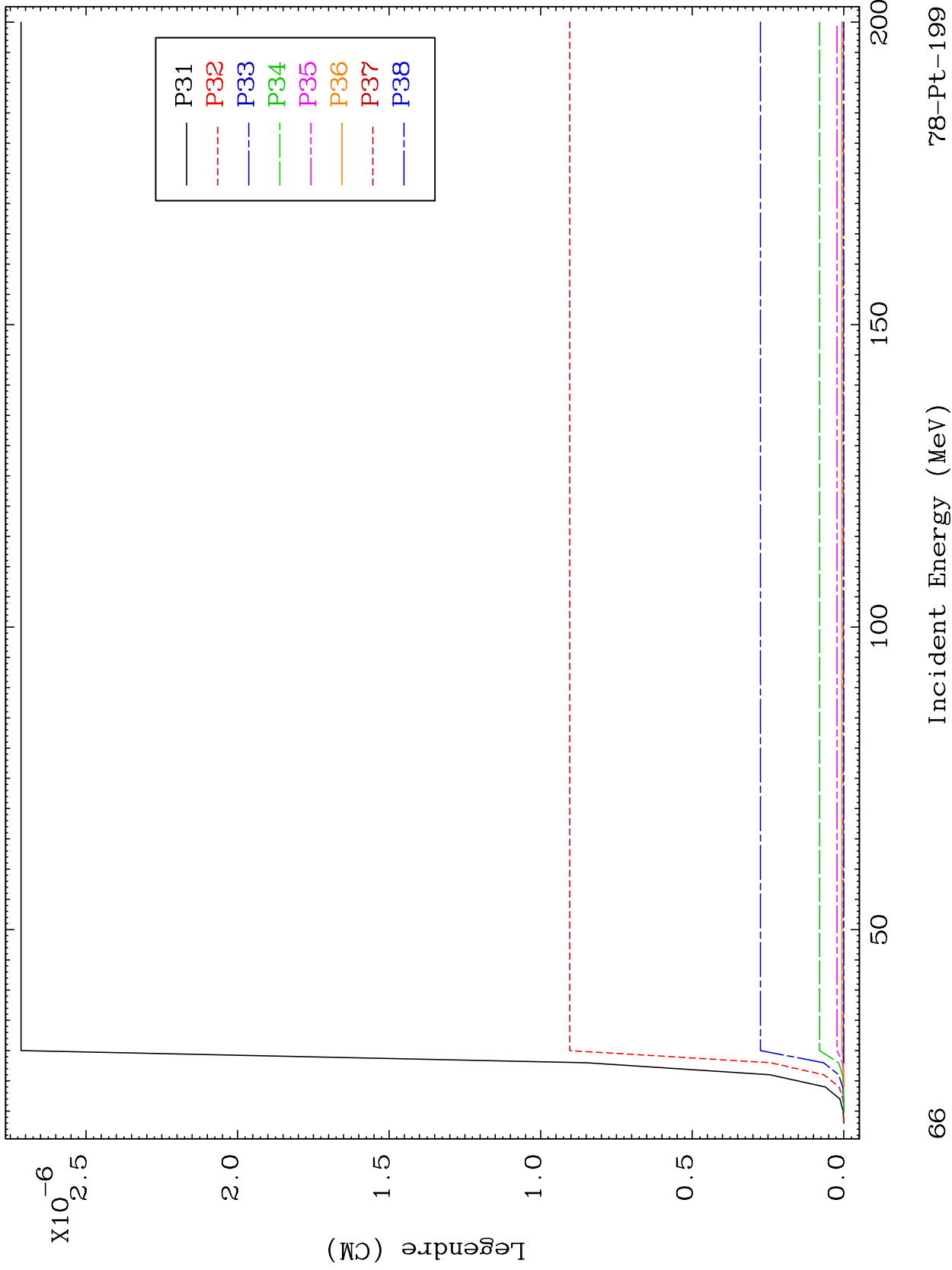
78-Pt-199



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Incident Energy (MeV)

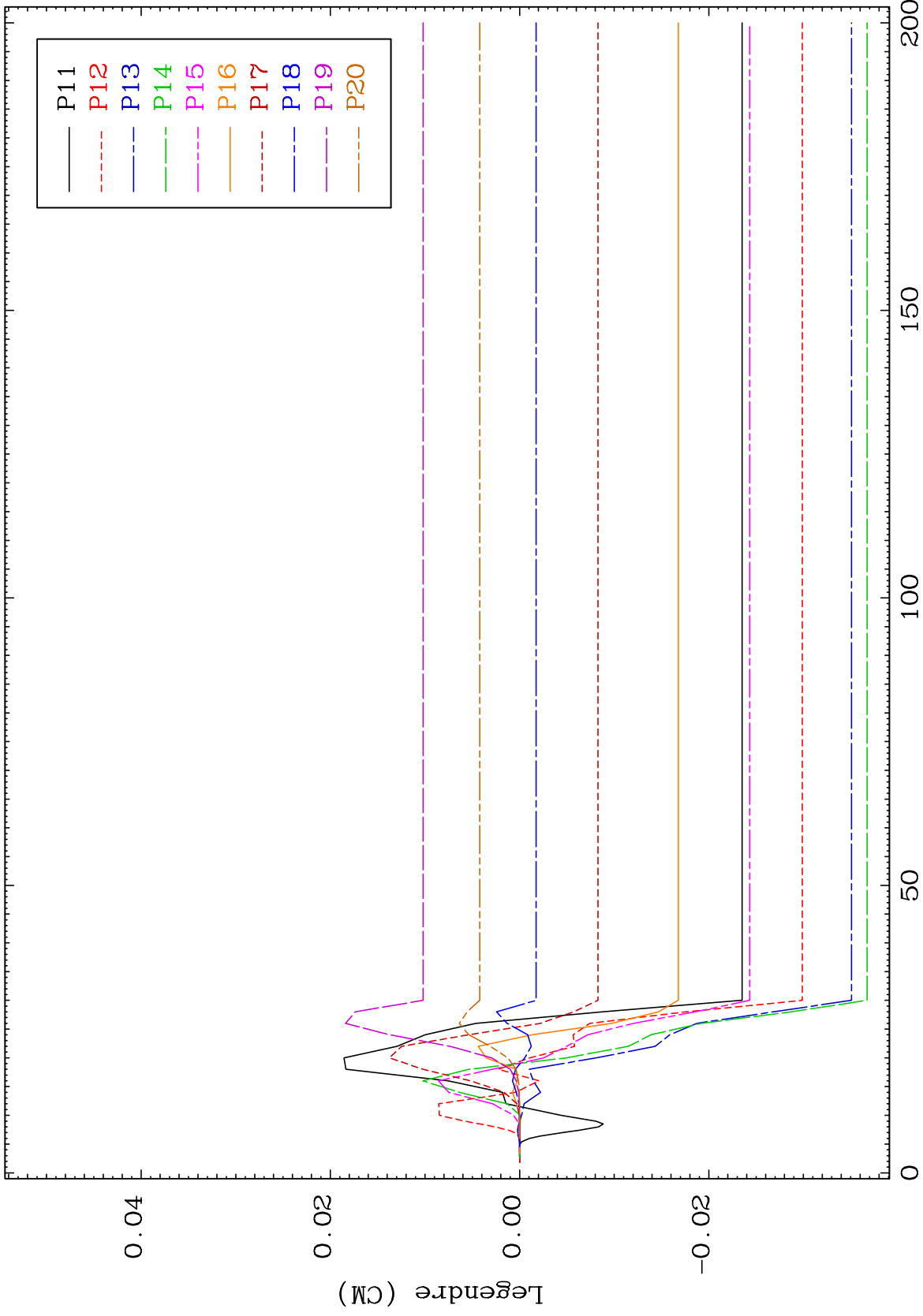
78-Pt-199



MAT 7852

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

78-Pt-199



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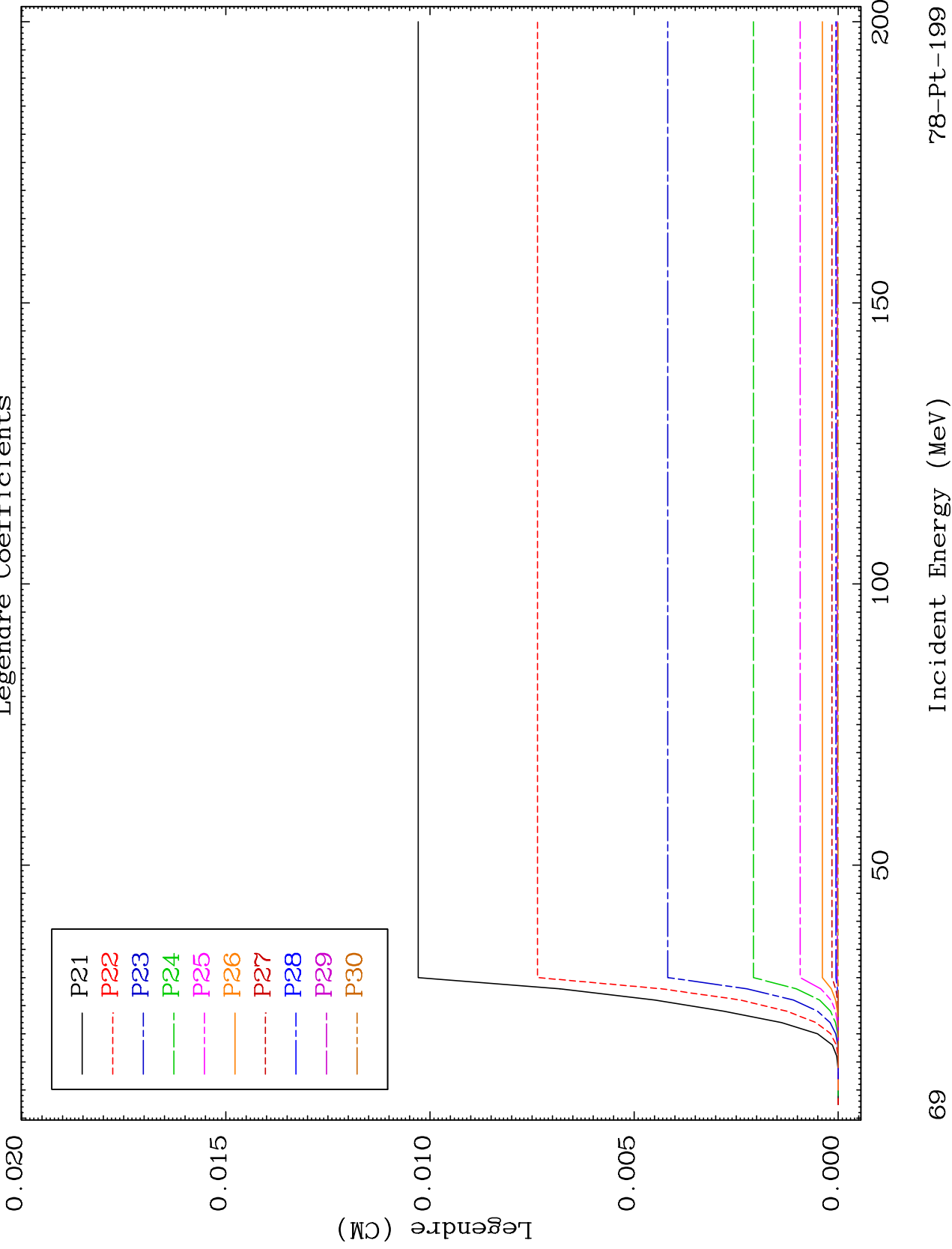
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

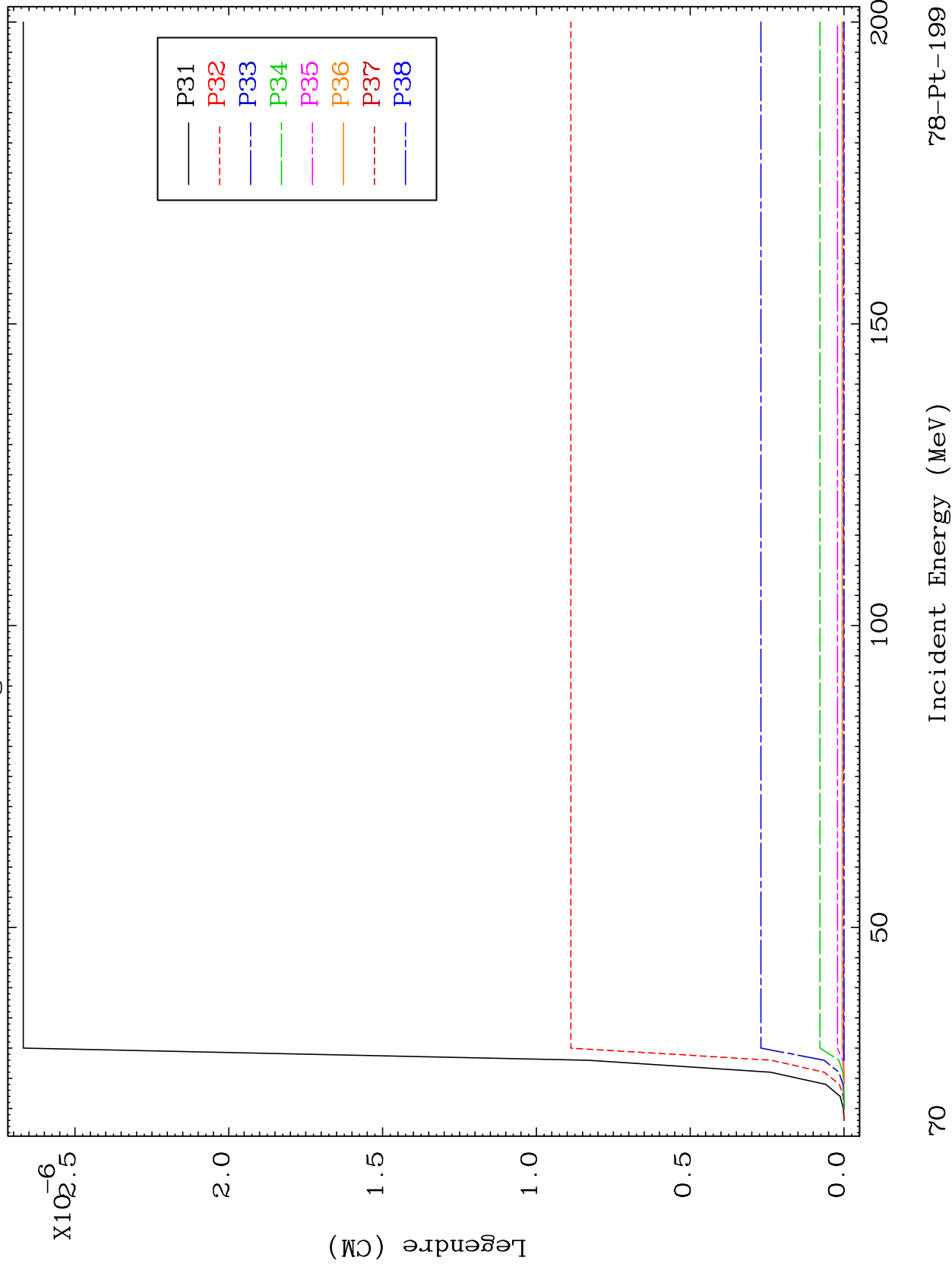
78-Pt-199



MAT 7852

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

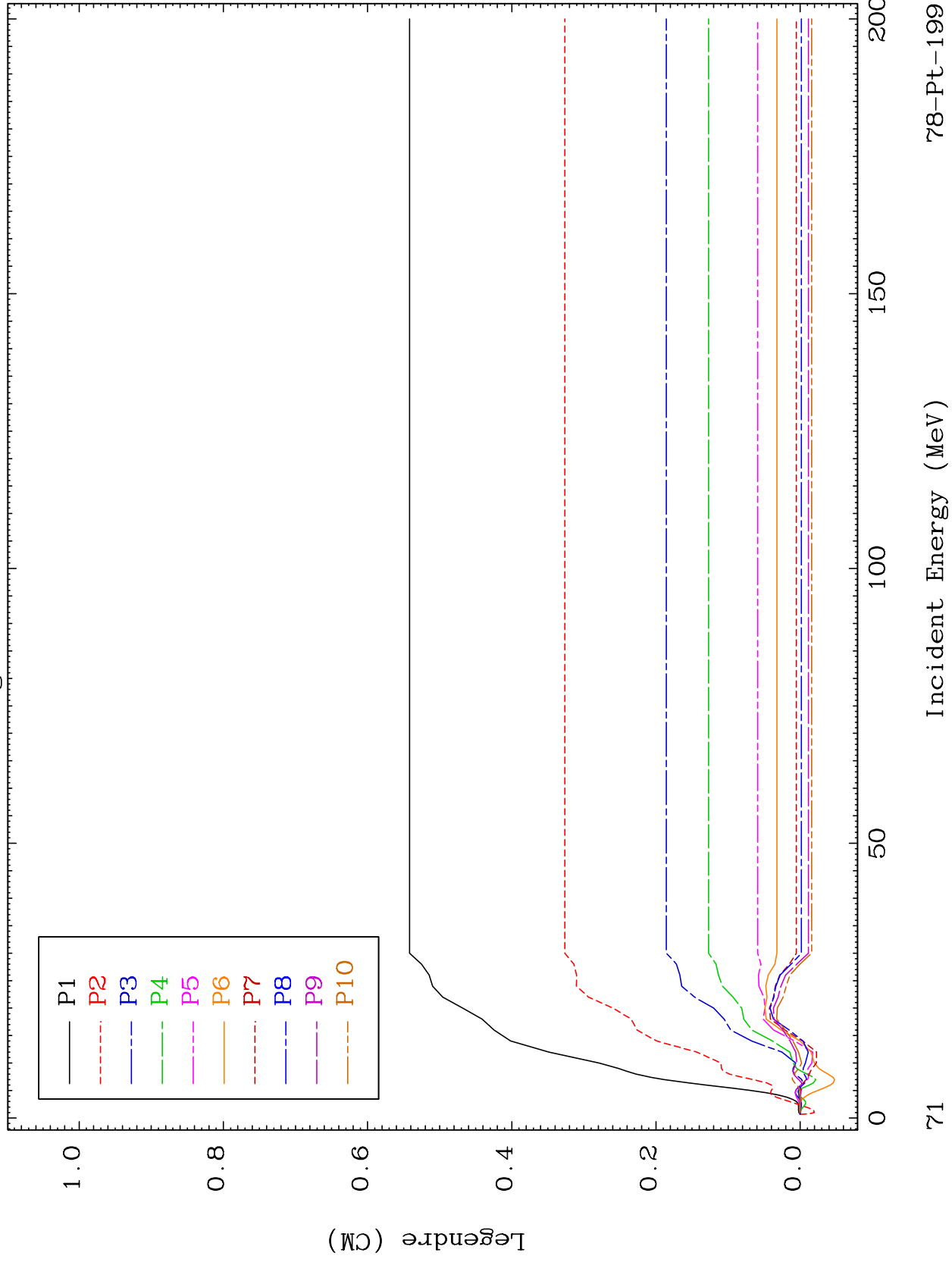
78-Pt-199



MAT 7852

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

78-Pt-199



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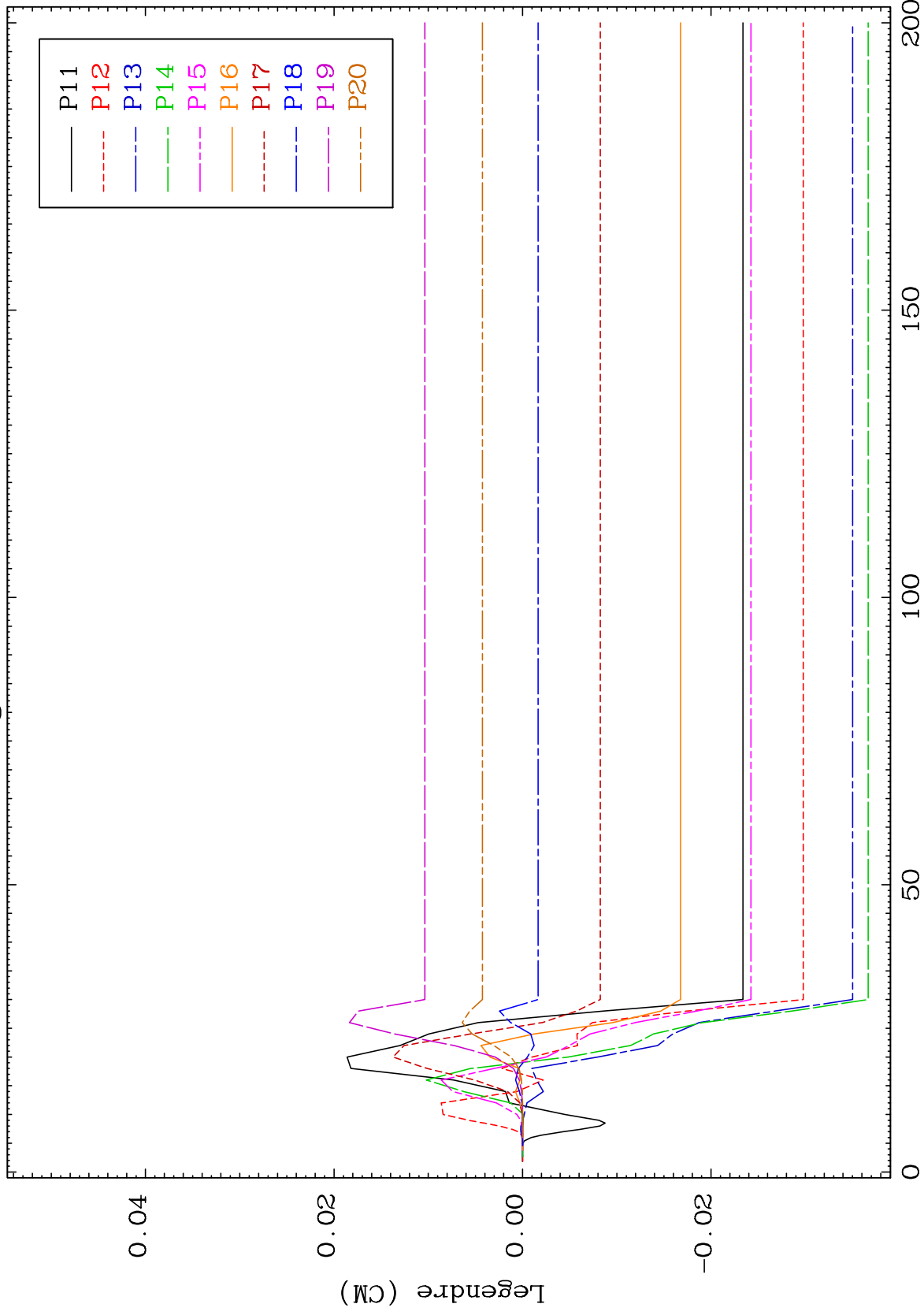
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



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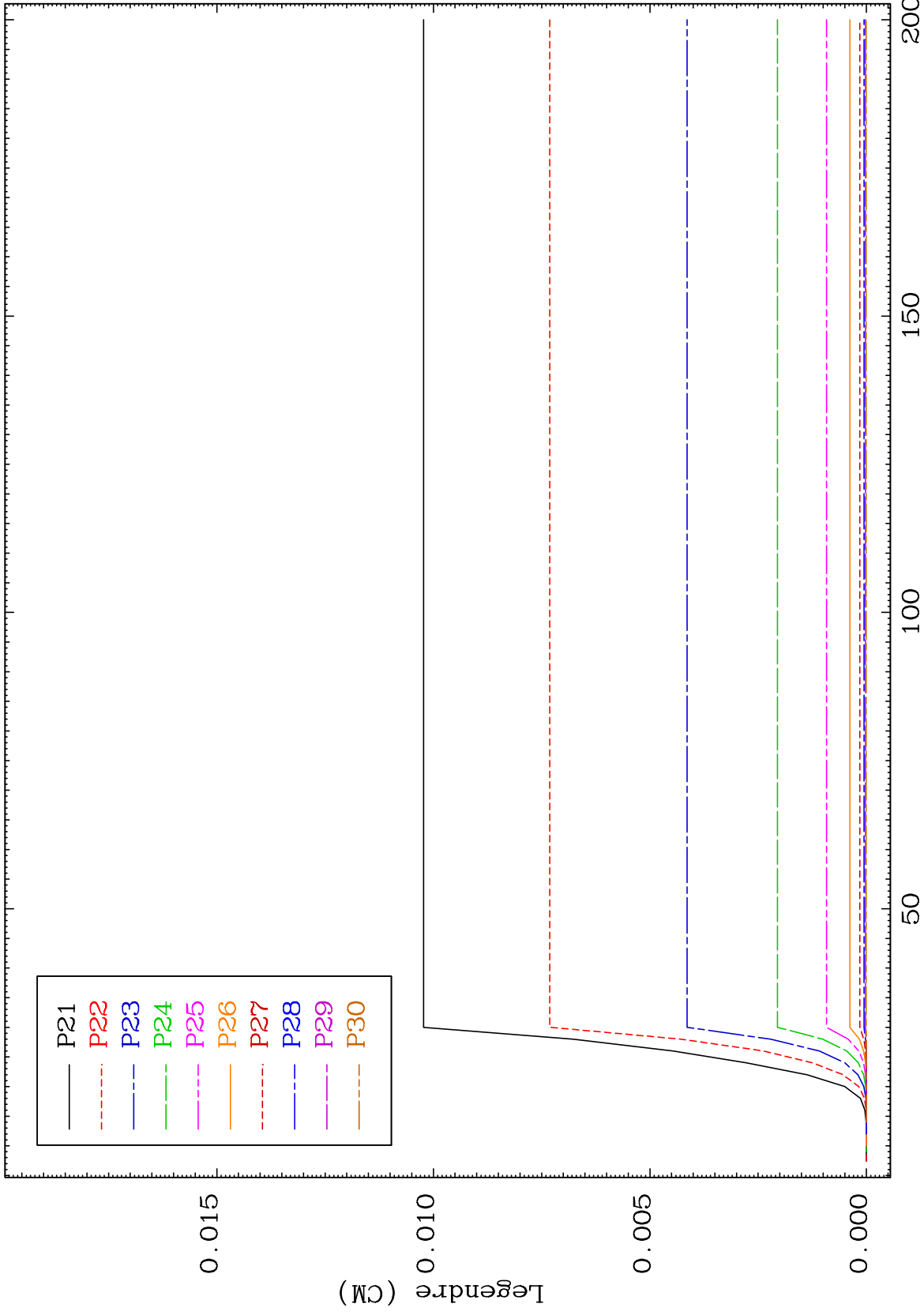
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



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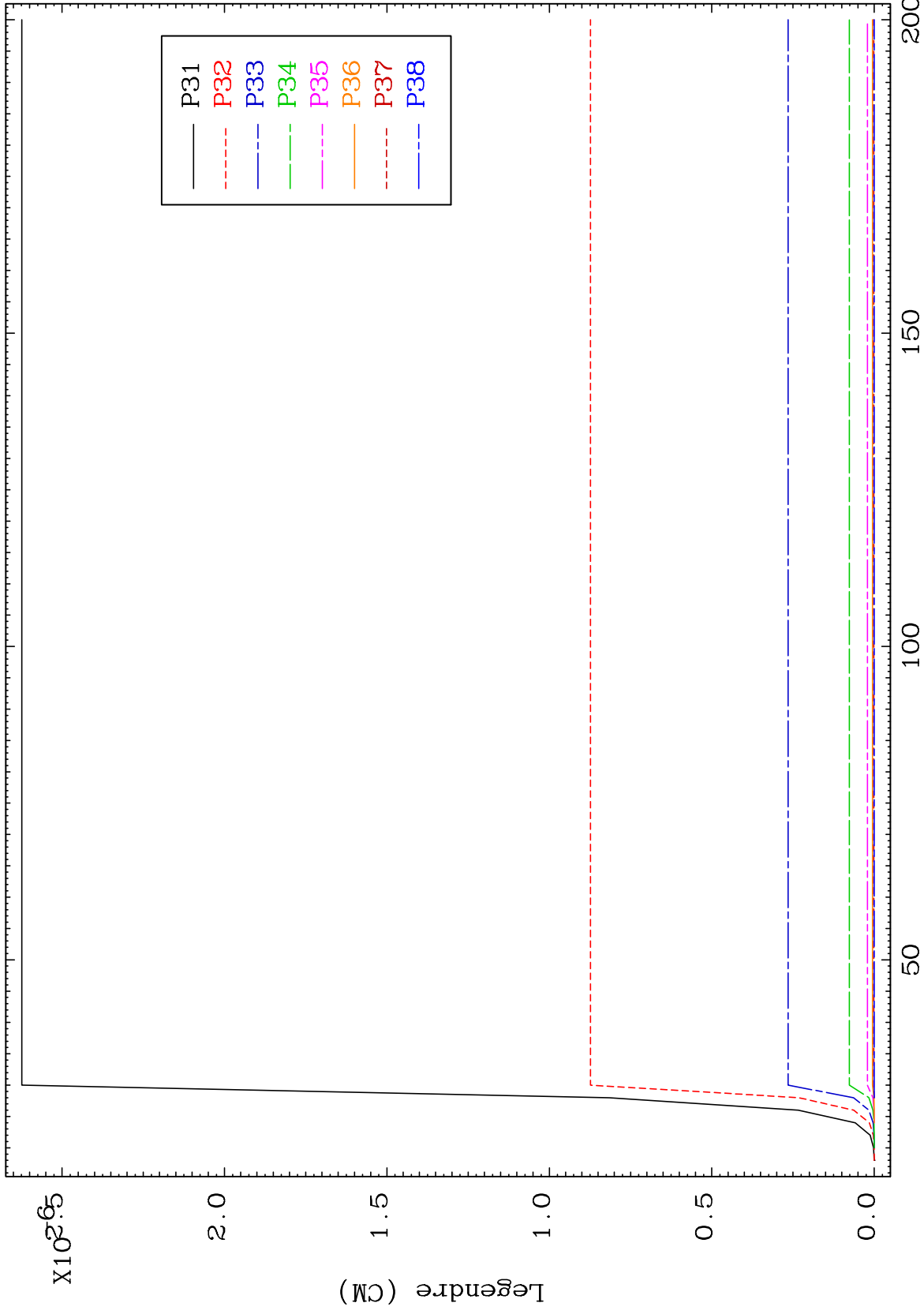
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



74

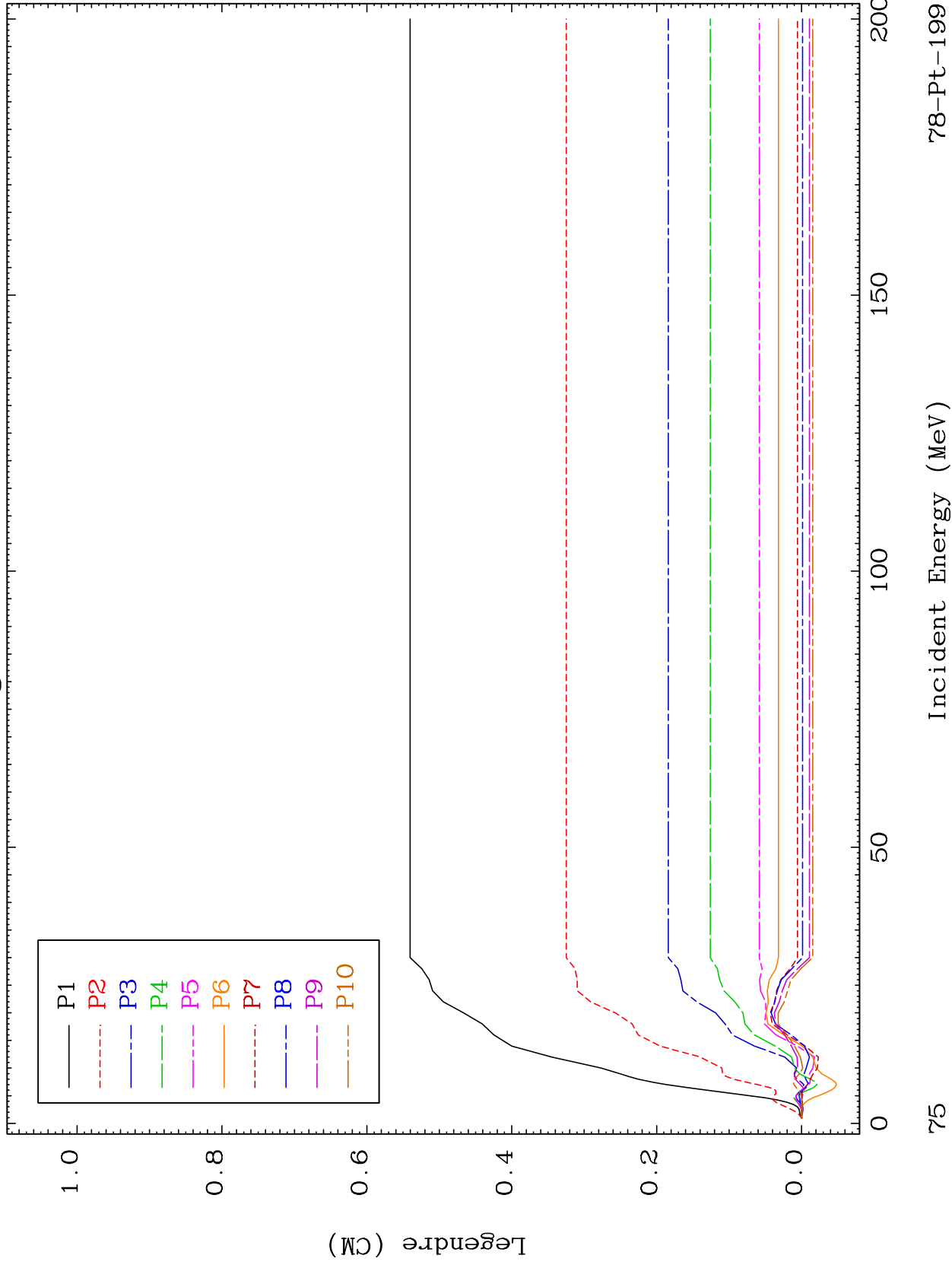
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



78-Pt-199

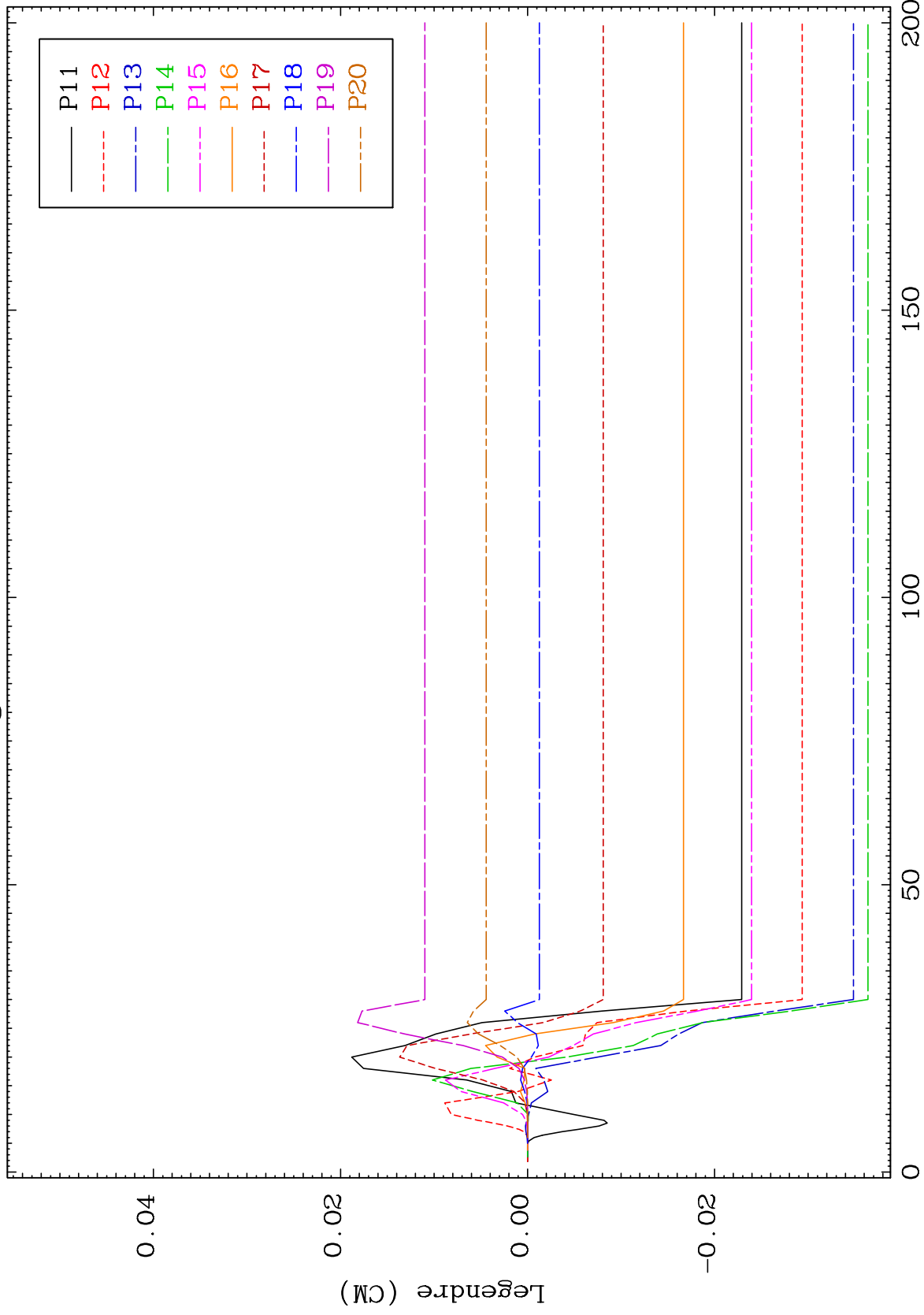
Incident Energy (MeV)

75

MAT 7852

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

78-Pt-199



76

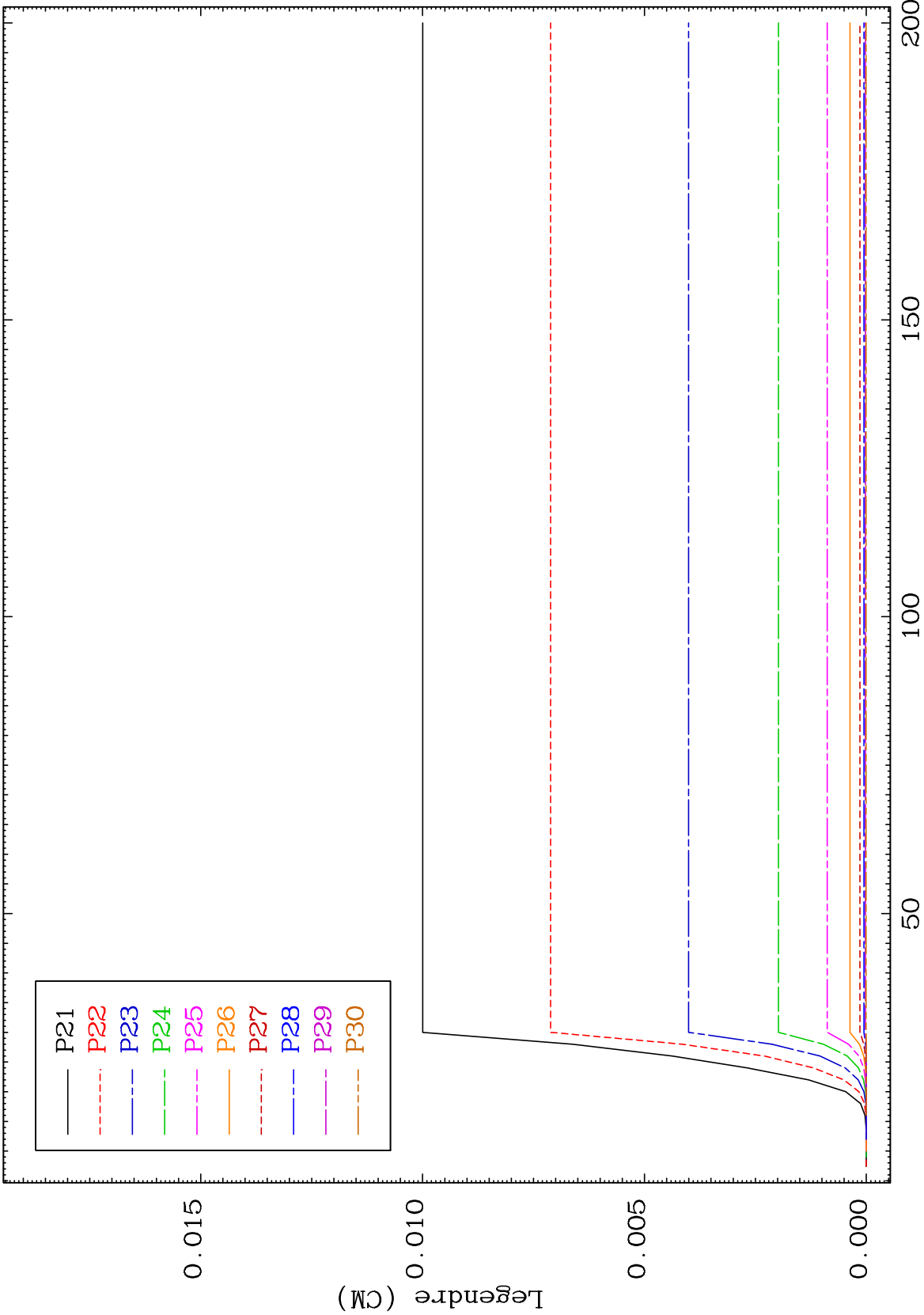
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

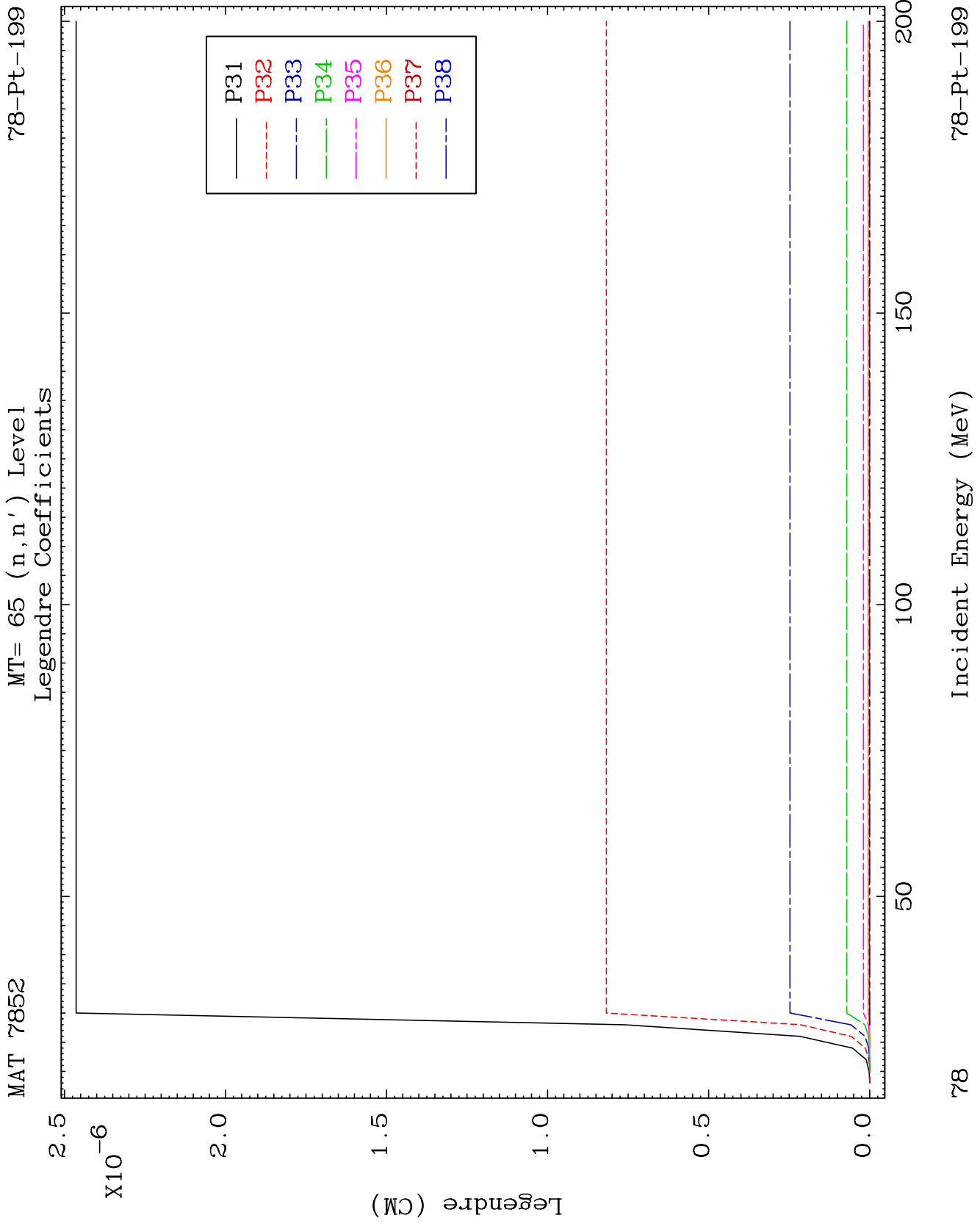
78-Pt-199



77

Incident Energy (MeV)

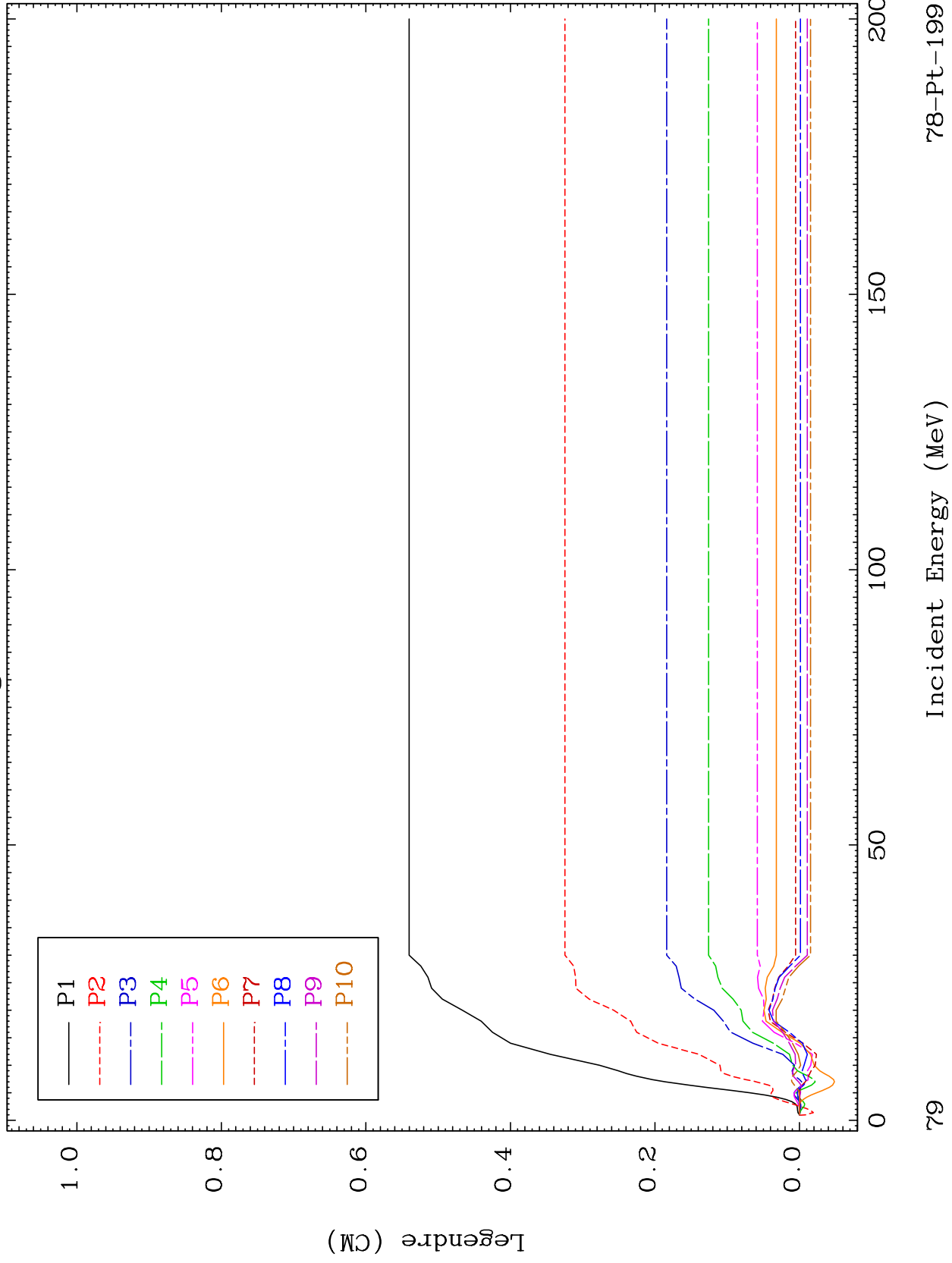
78-Pt-199



MAT 7852

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

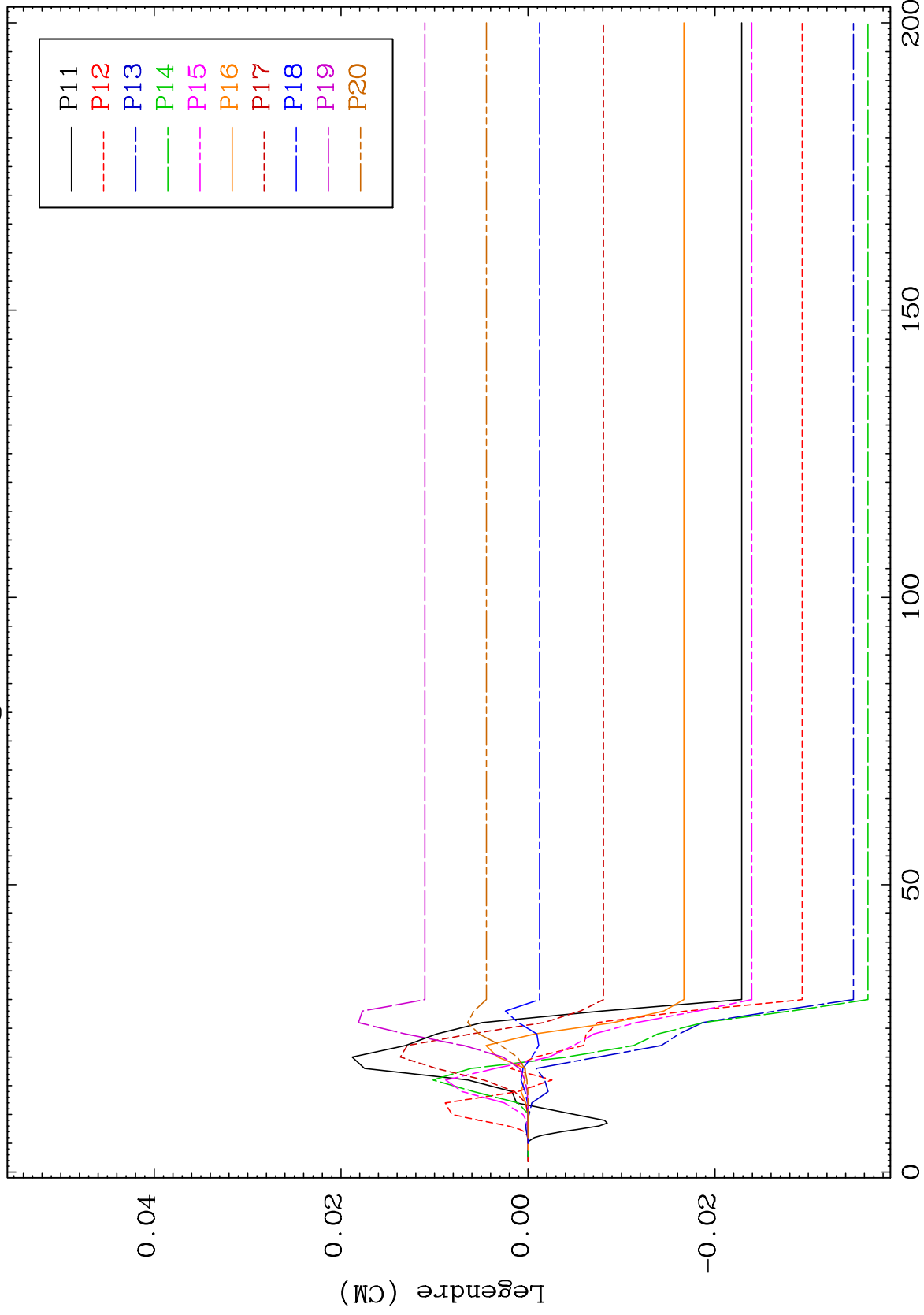
78-Pt-199



MAT 7852

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

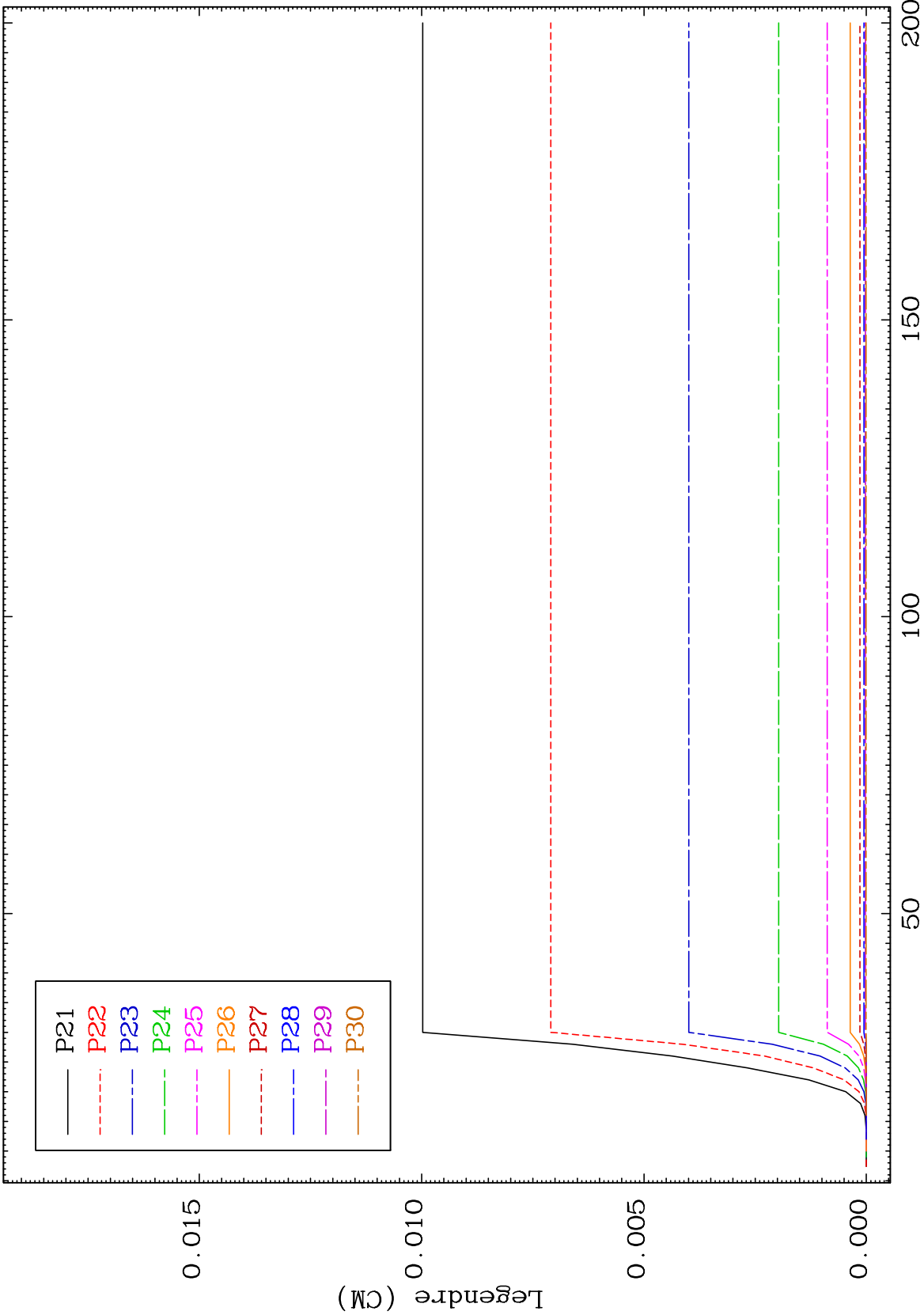
78-Pt-199



78-Pt-199

Incident Energy (MeV)

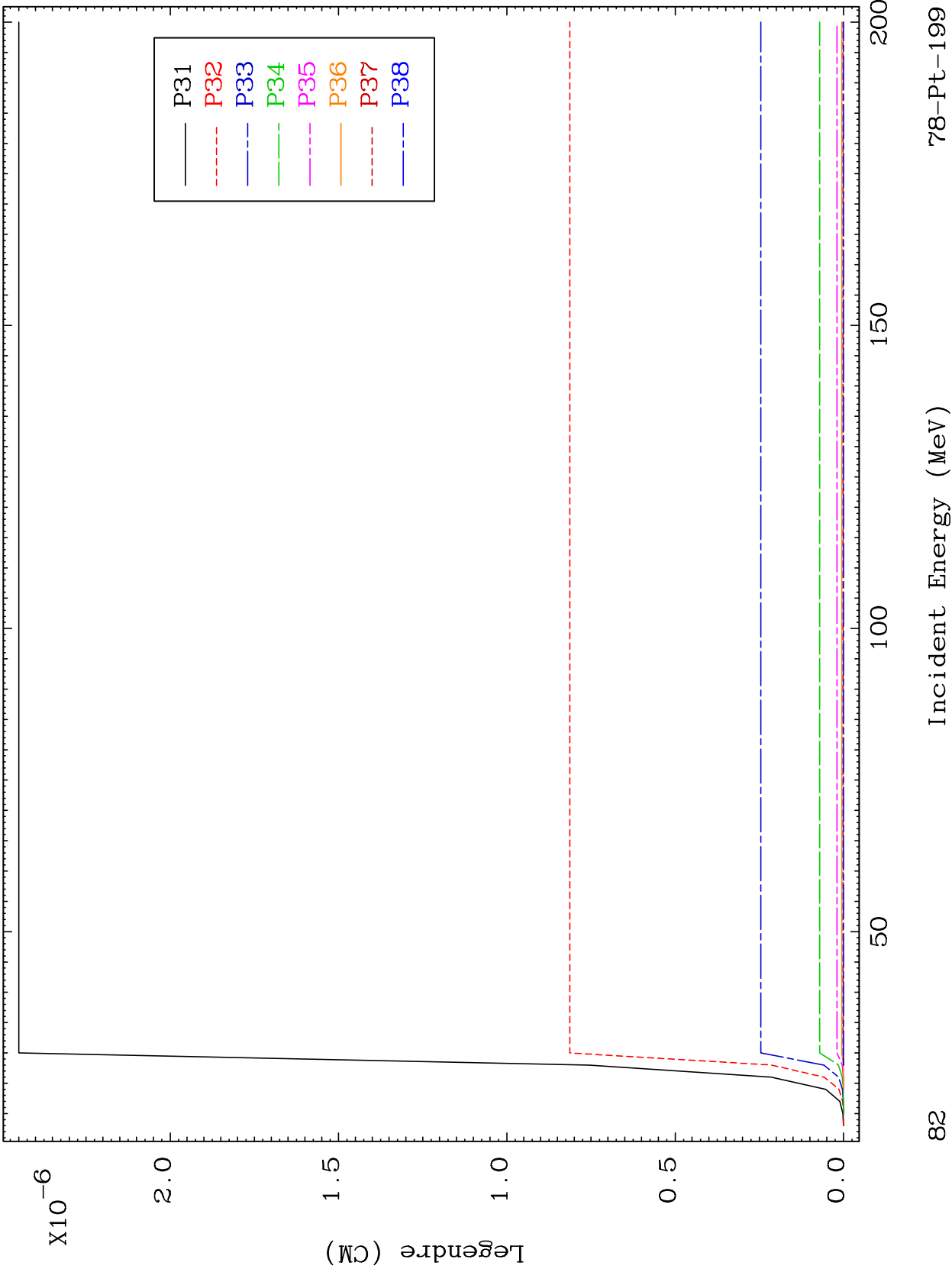
80



MAT 7852

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

78-Pt-199



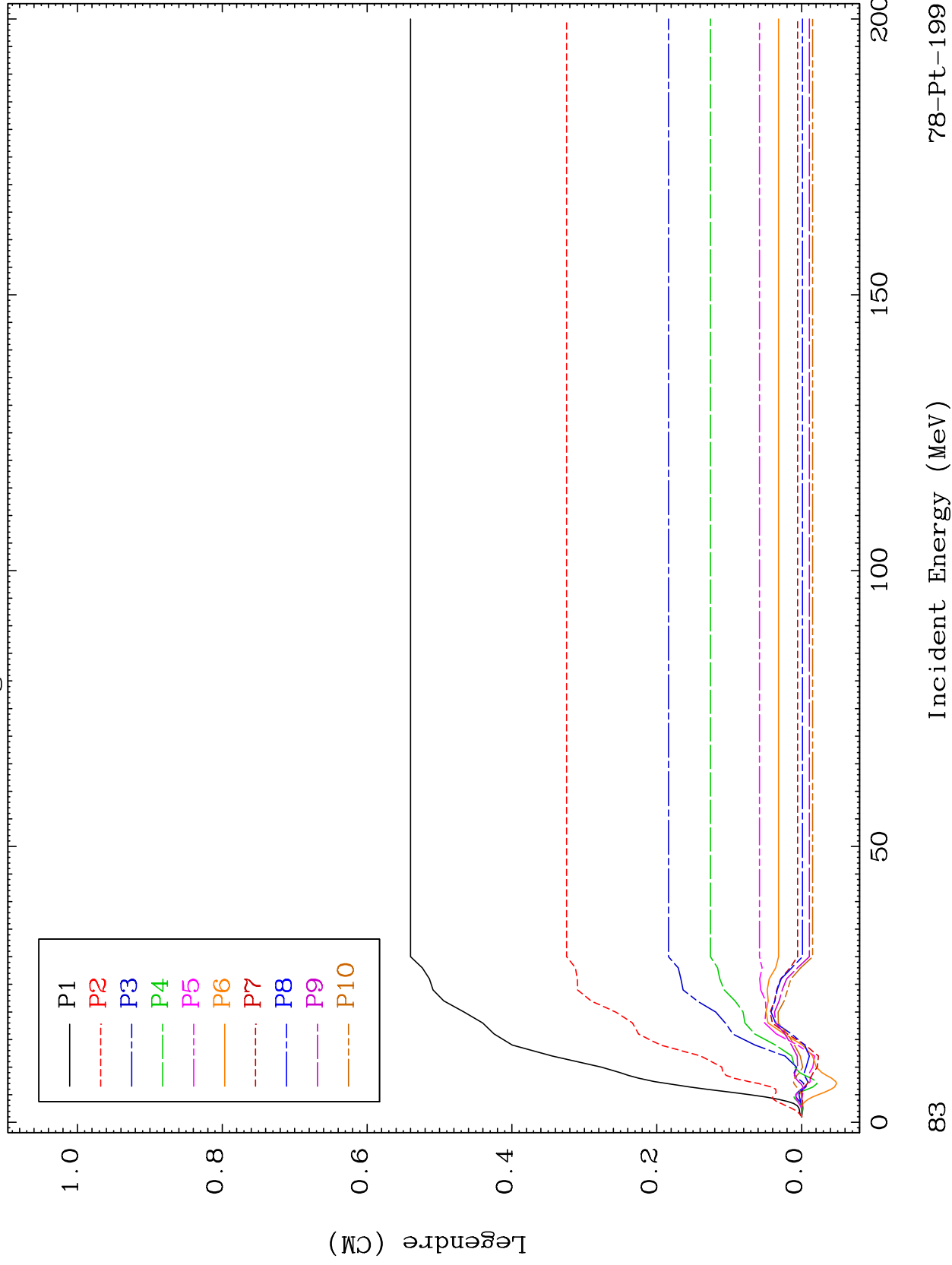
82

78-Pt-199

MAT 7852

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

78-Pt-199



83

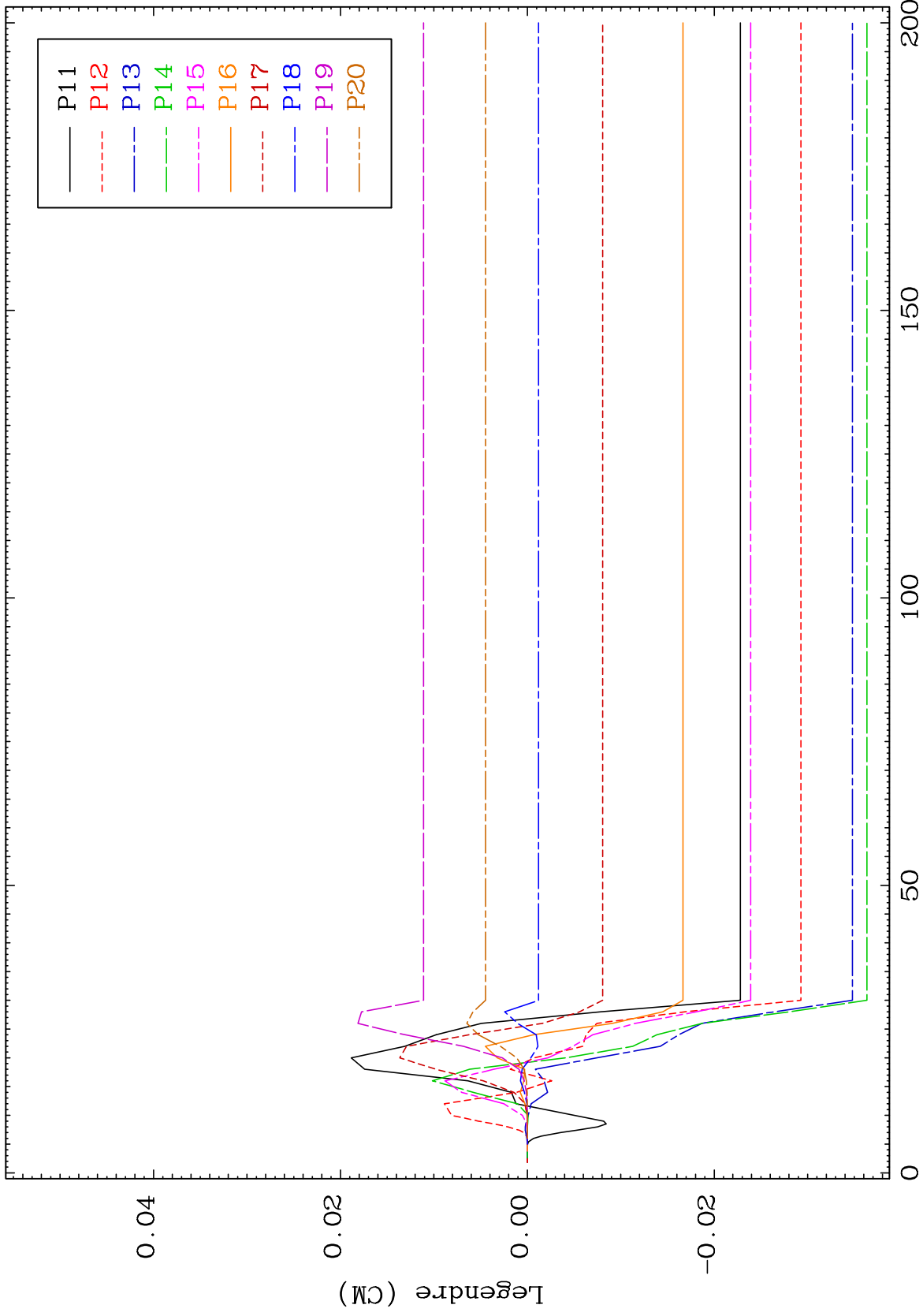
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



84

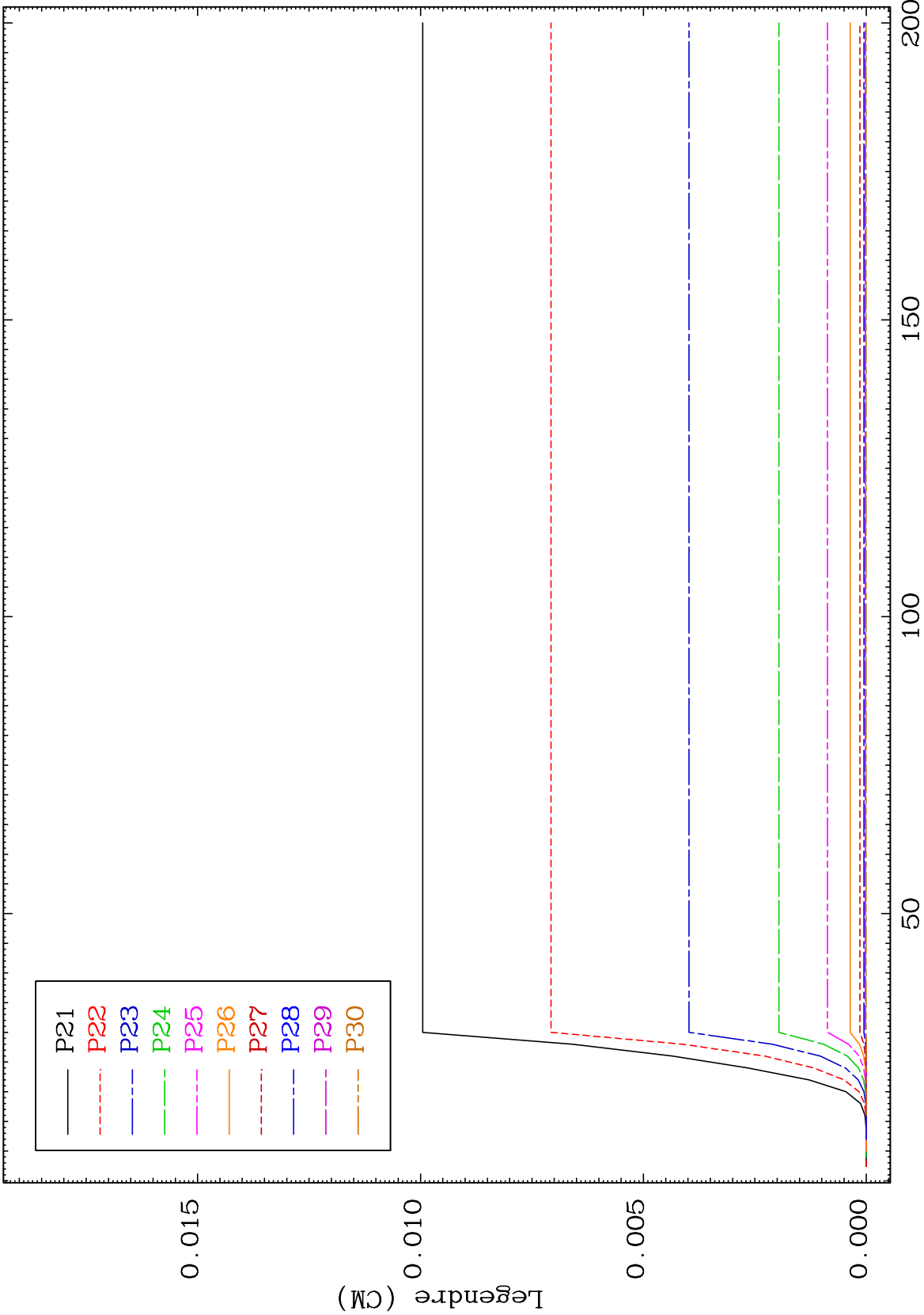
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

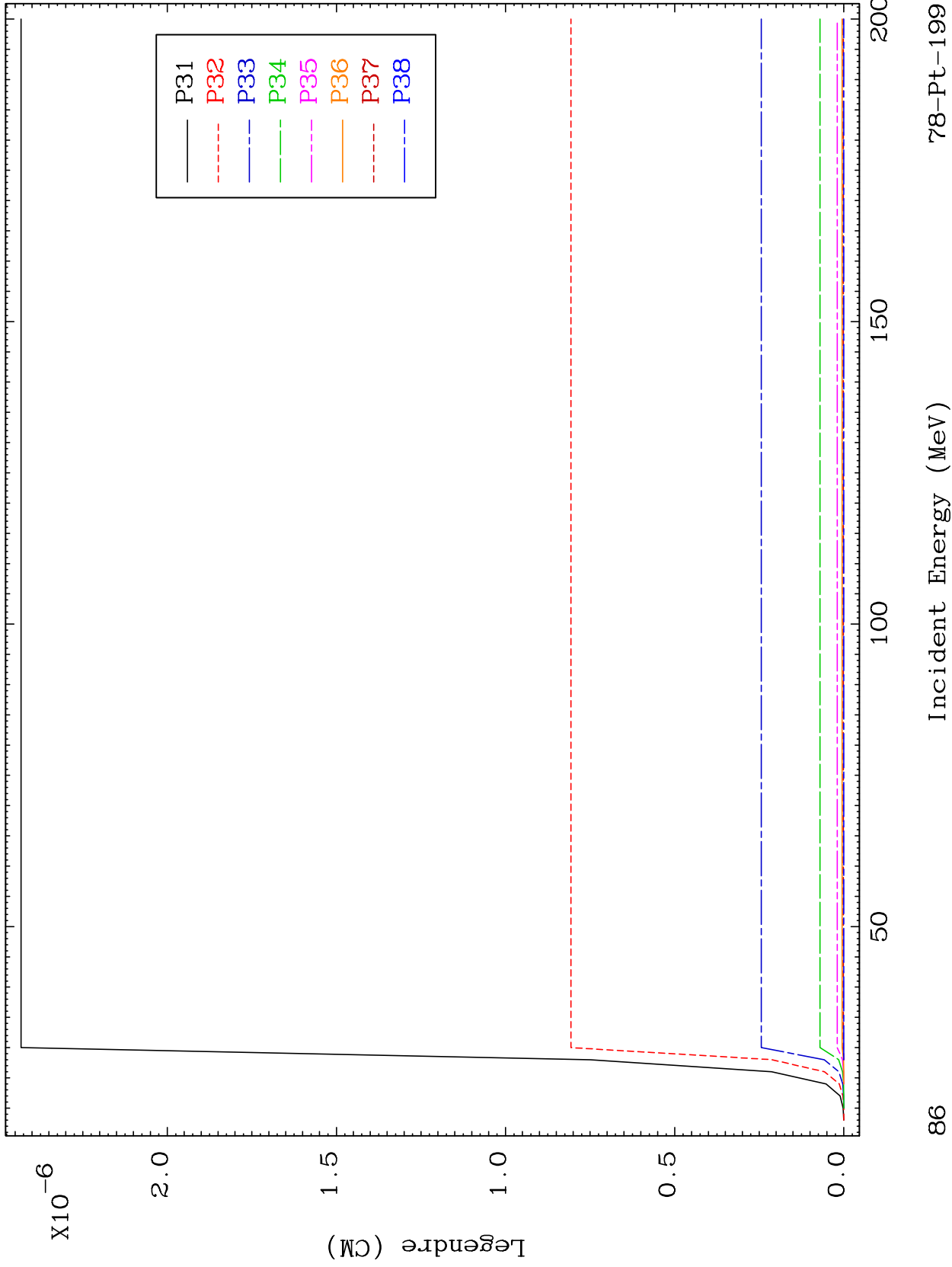
78-Pt-199



85

Incident Energy (MeV)

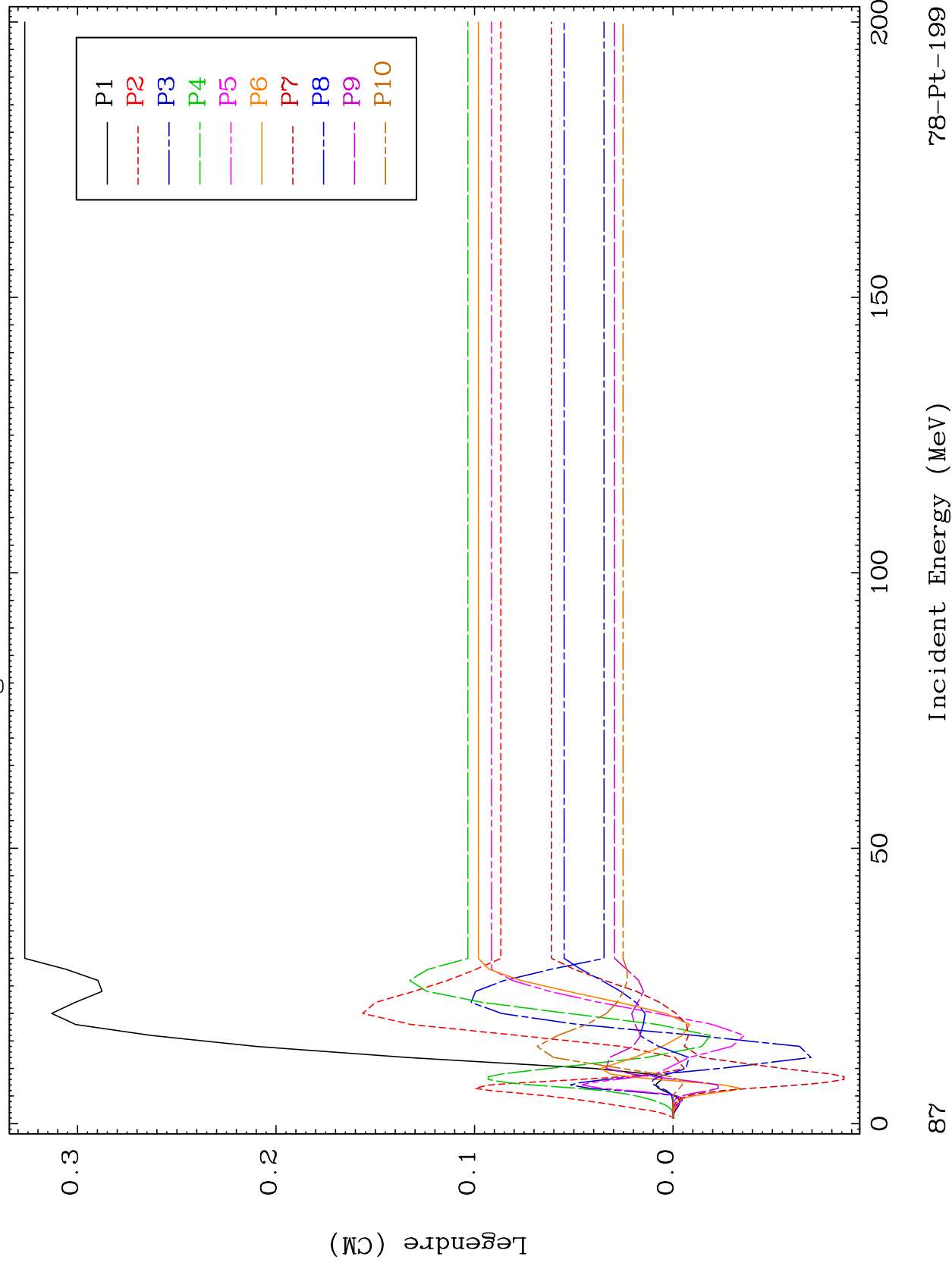
78-Pt-199



MAT 7852

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

78-Pt-199



78-Pt-199

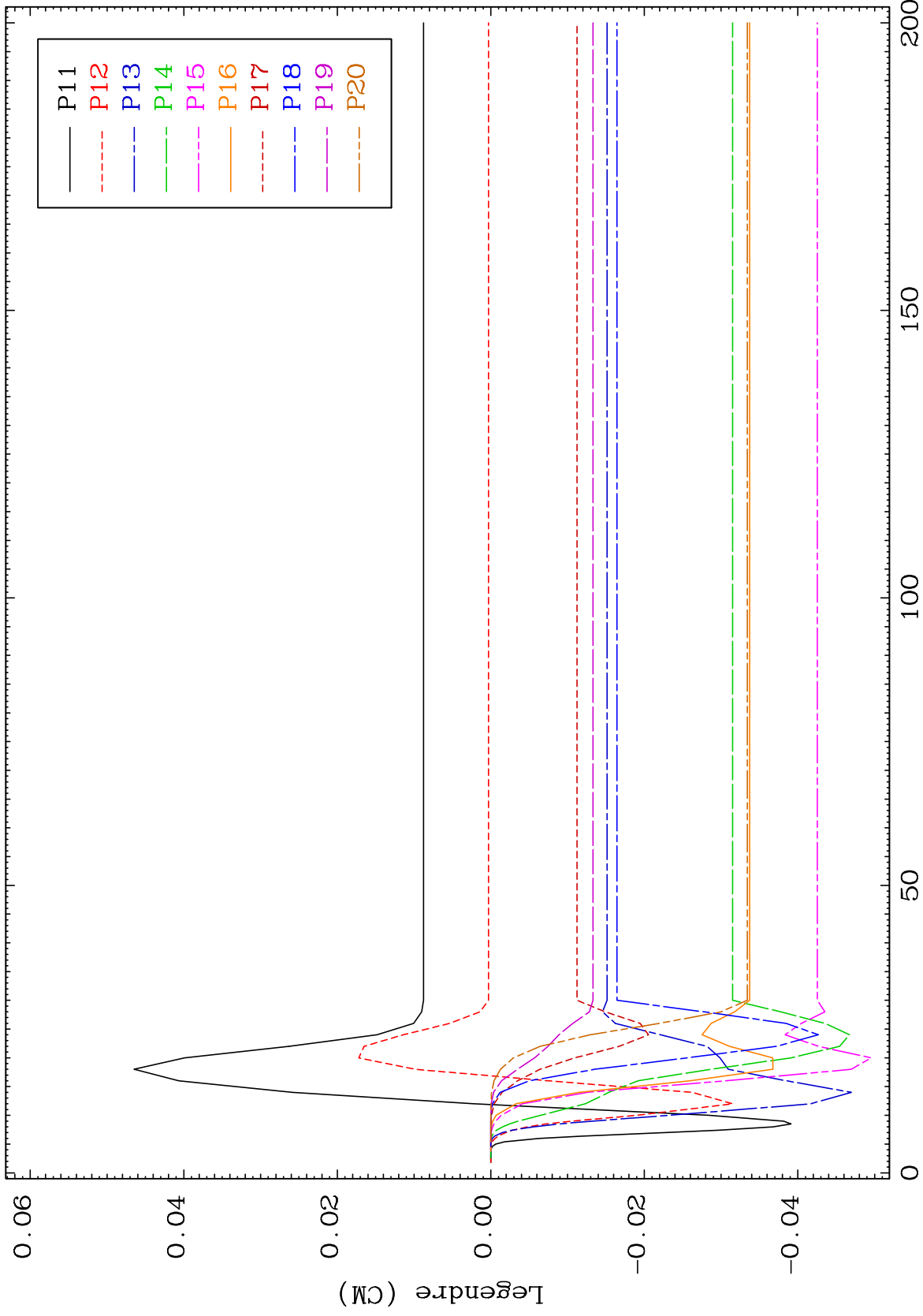
Incident Energy (MeV)

87

MAT 7852

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

78-Pt-199



88

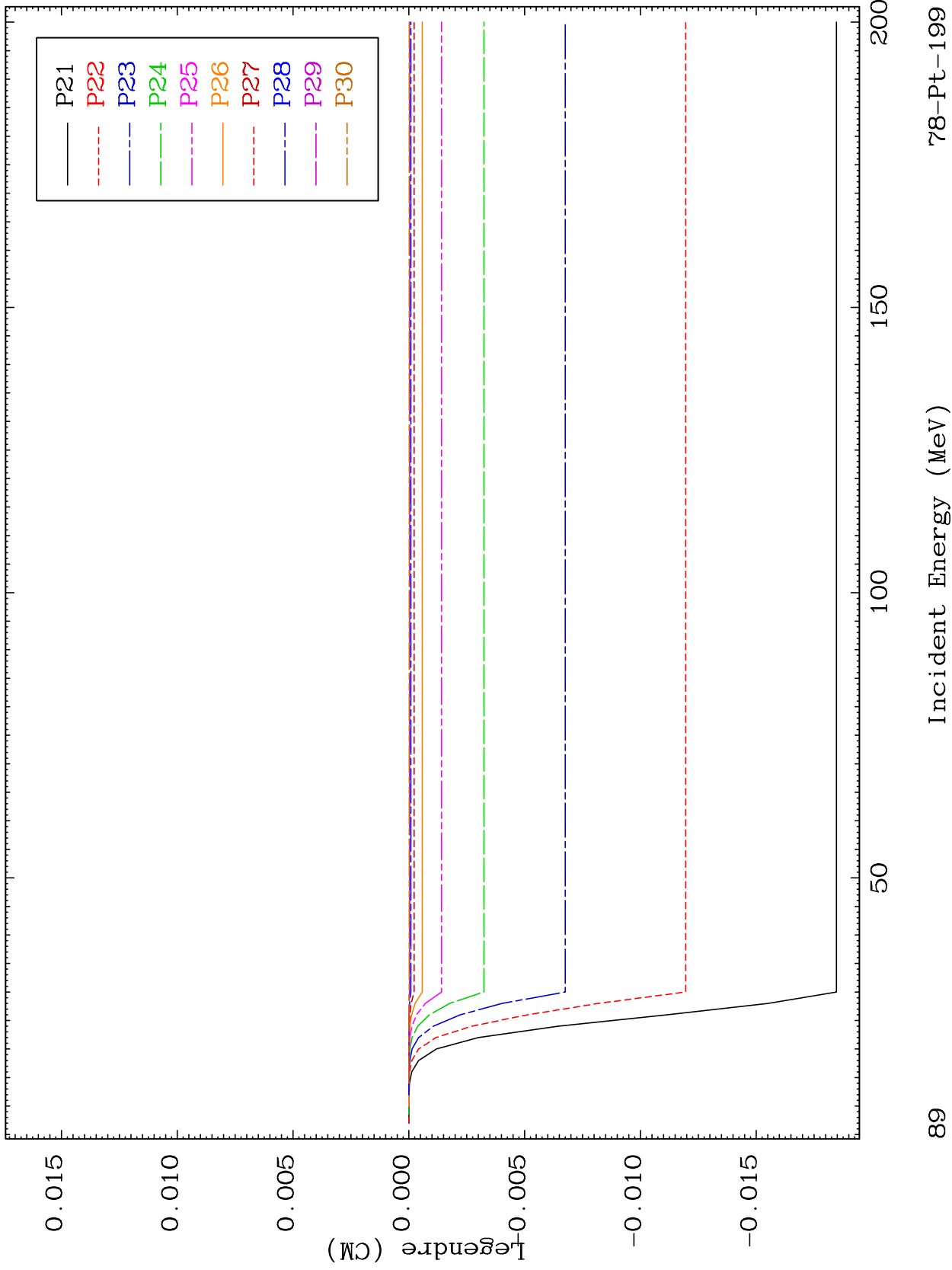
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

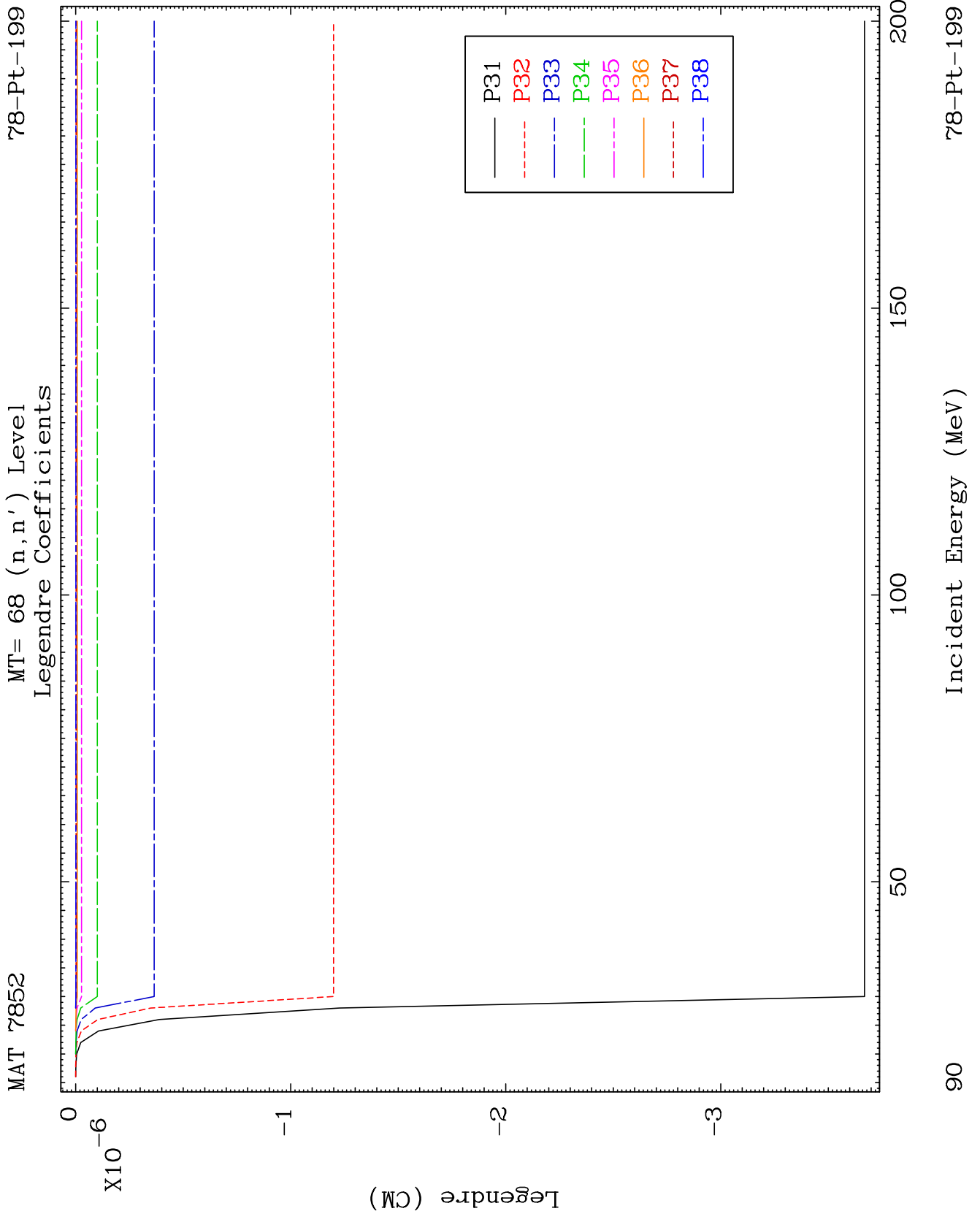
78-Pt-199



89

Incident Energy (MeV)

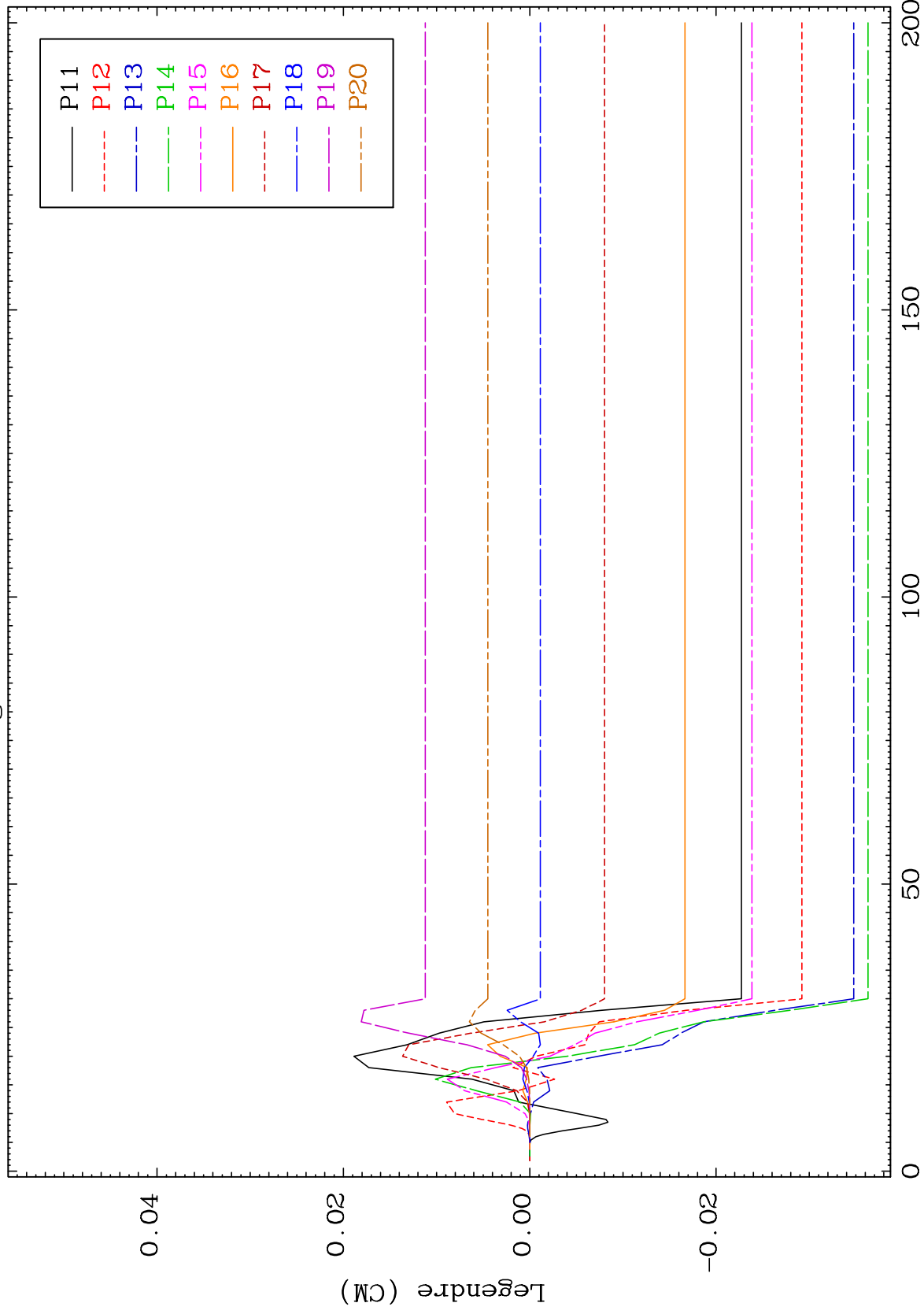
78-Pt-199



MAT 7852

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

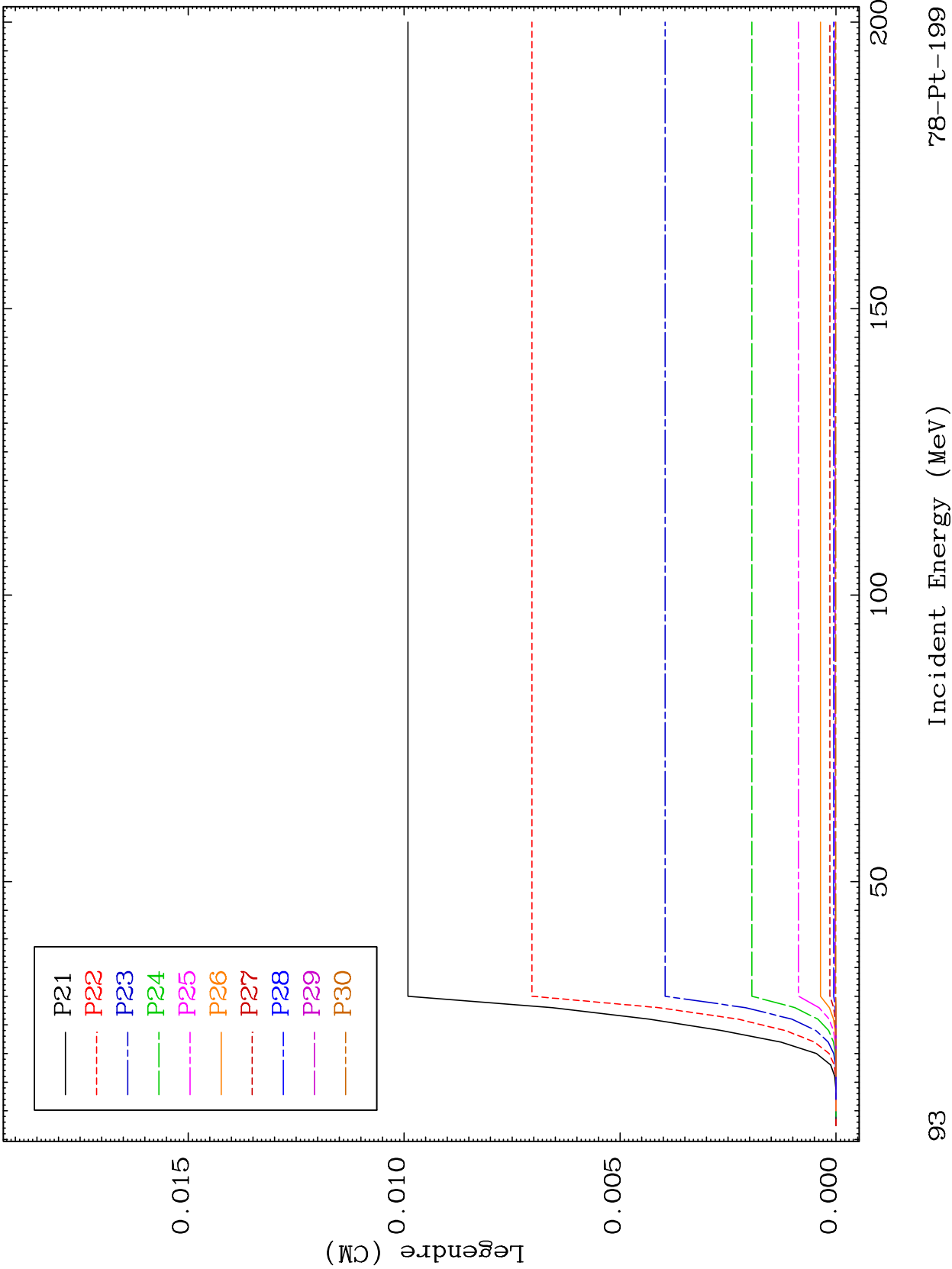
78-Pt-199



92

Incident Energy (MeV)

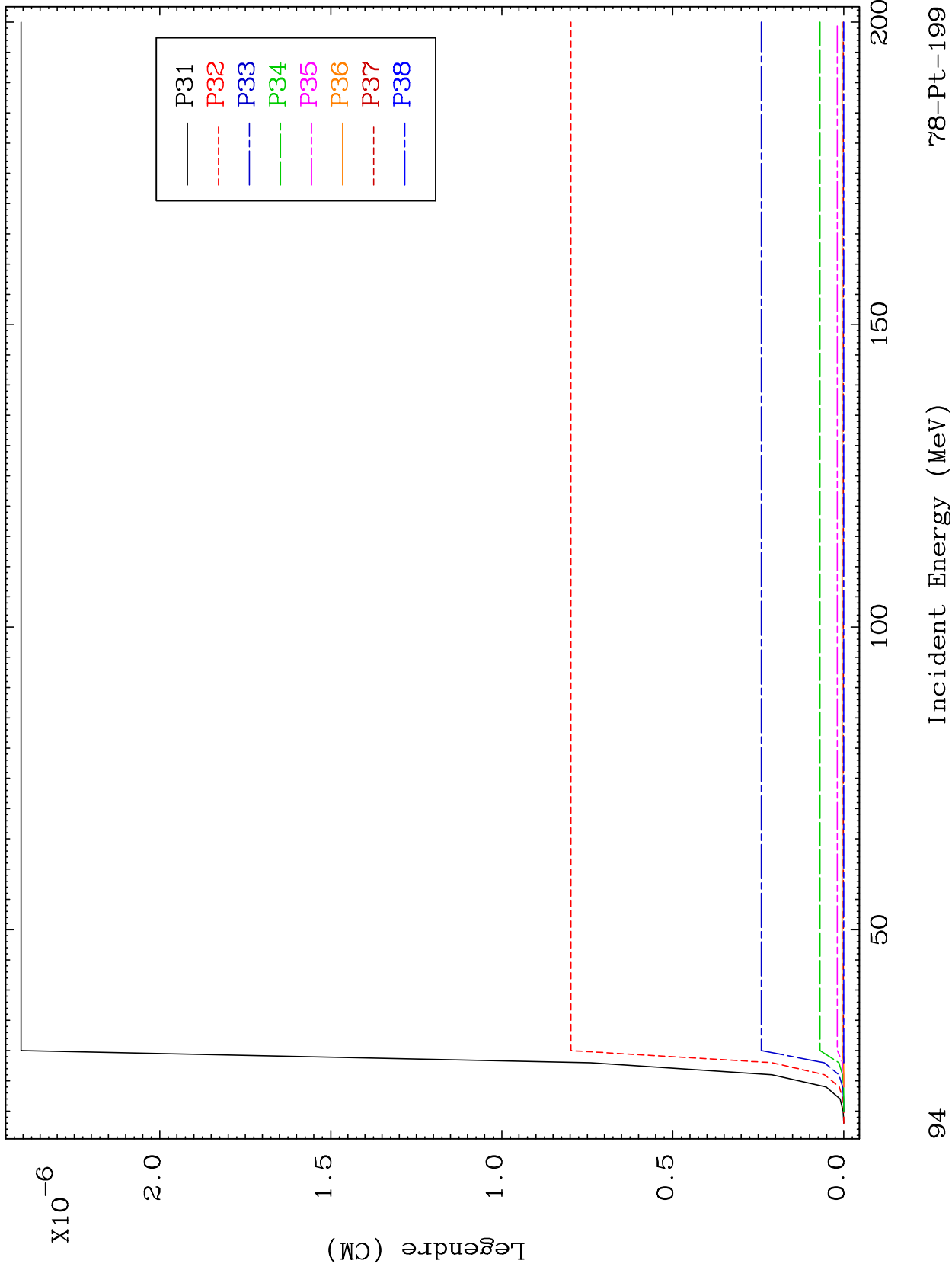
78-Pt-199



MAT 7852

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

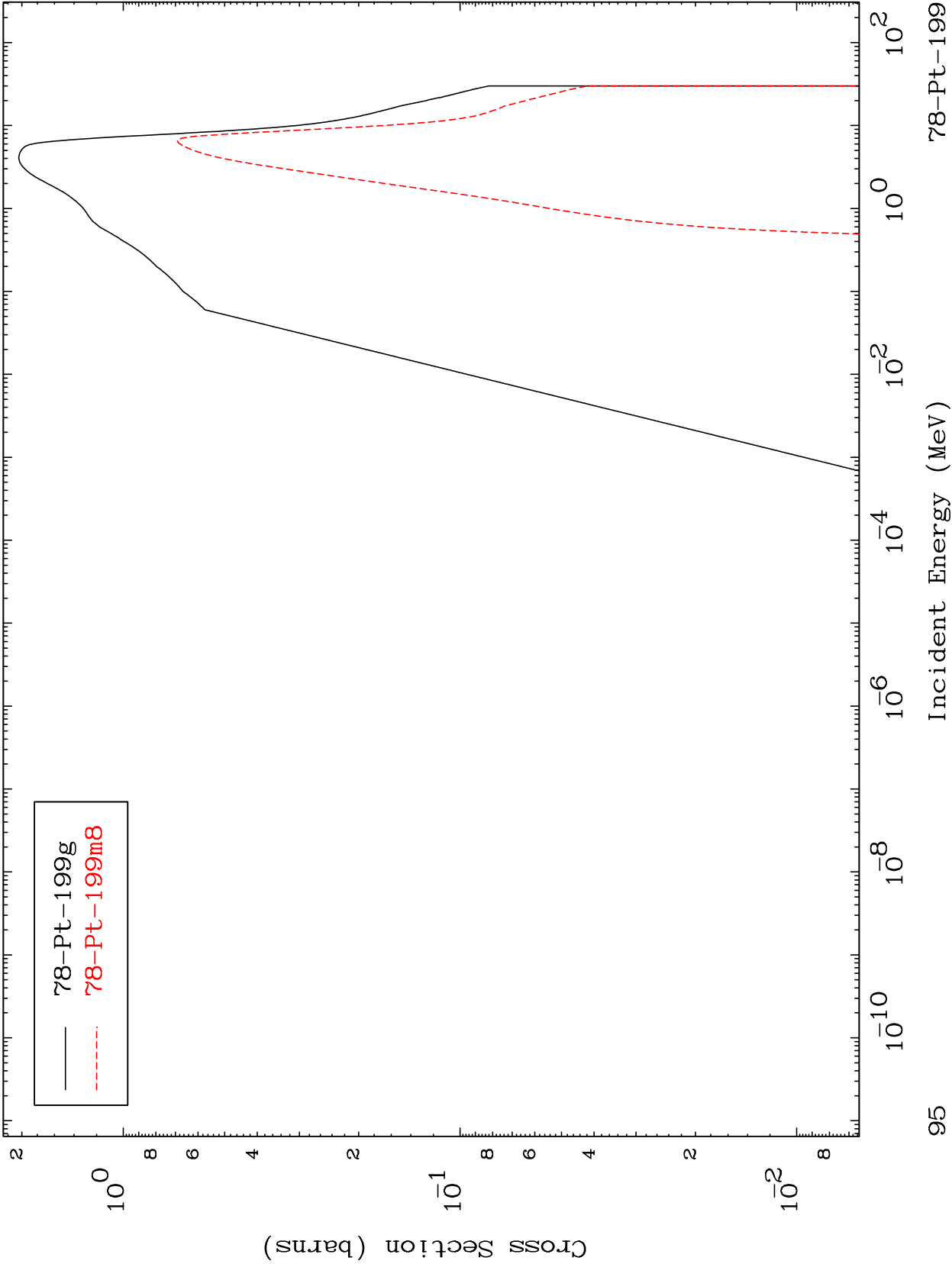
78-Pt-199



MAT 7852

Inelastic
Radionuclide Production Cross Section

78-Pt-199



95

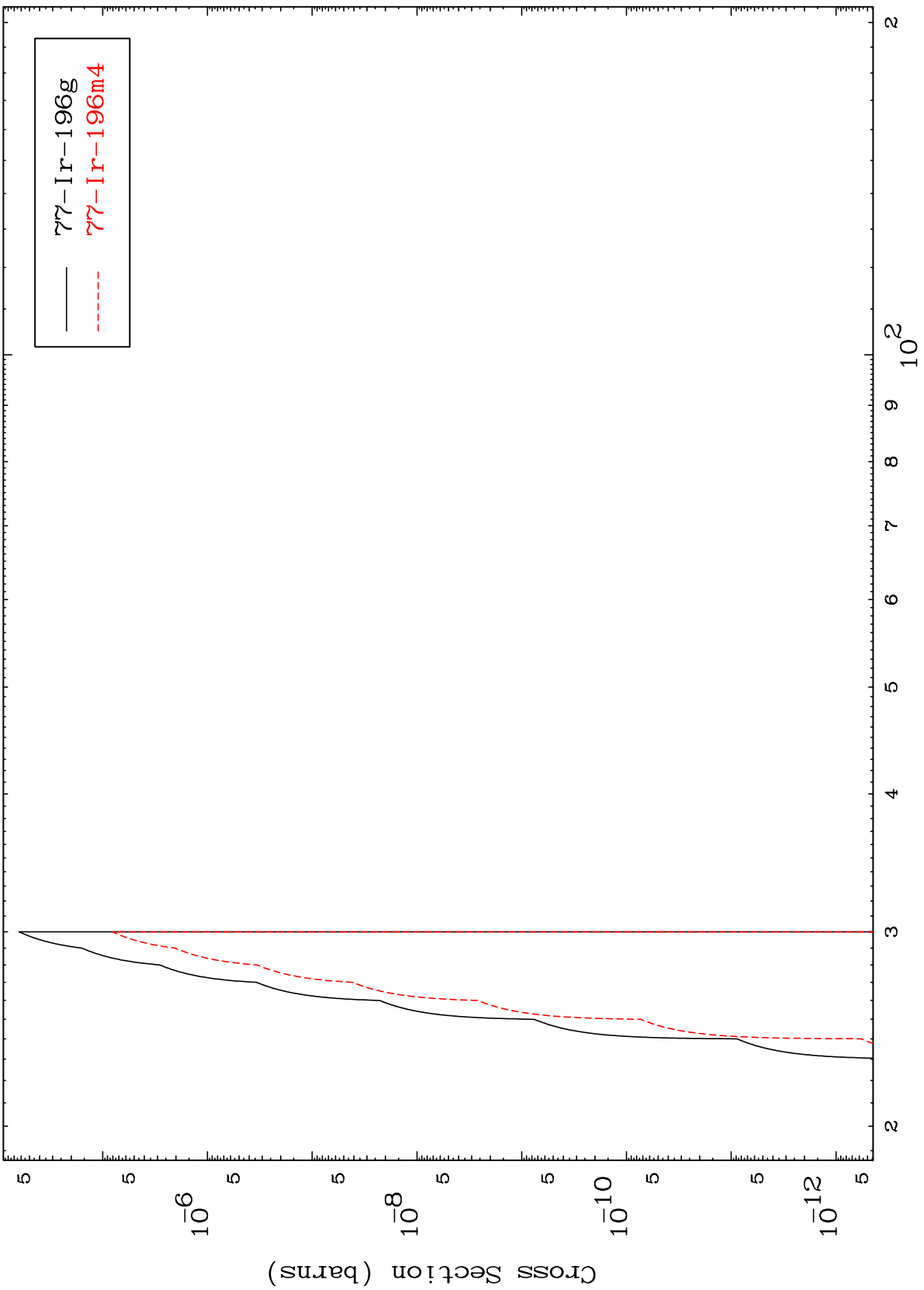
78-Pt-199

MAT 7852

(n,2n) d

78-Pt-199

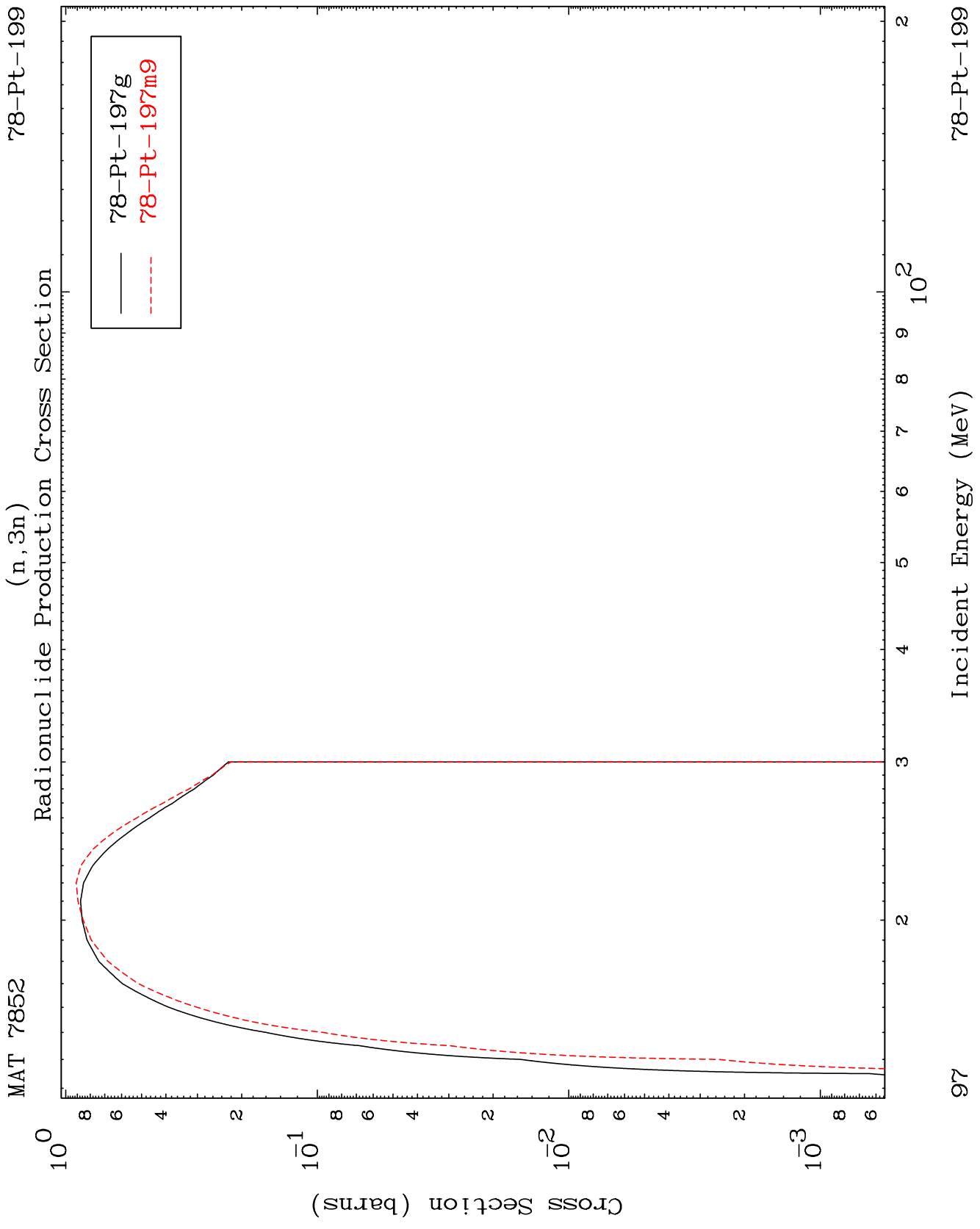
Radionuclide Production Cross Section



96

Incident Energy (MeV)

78-Pt-199

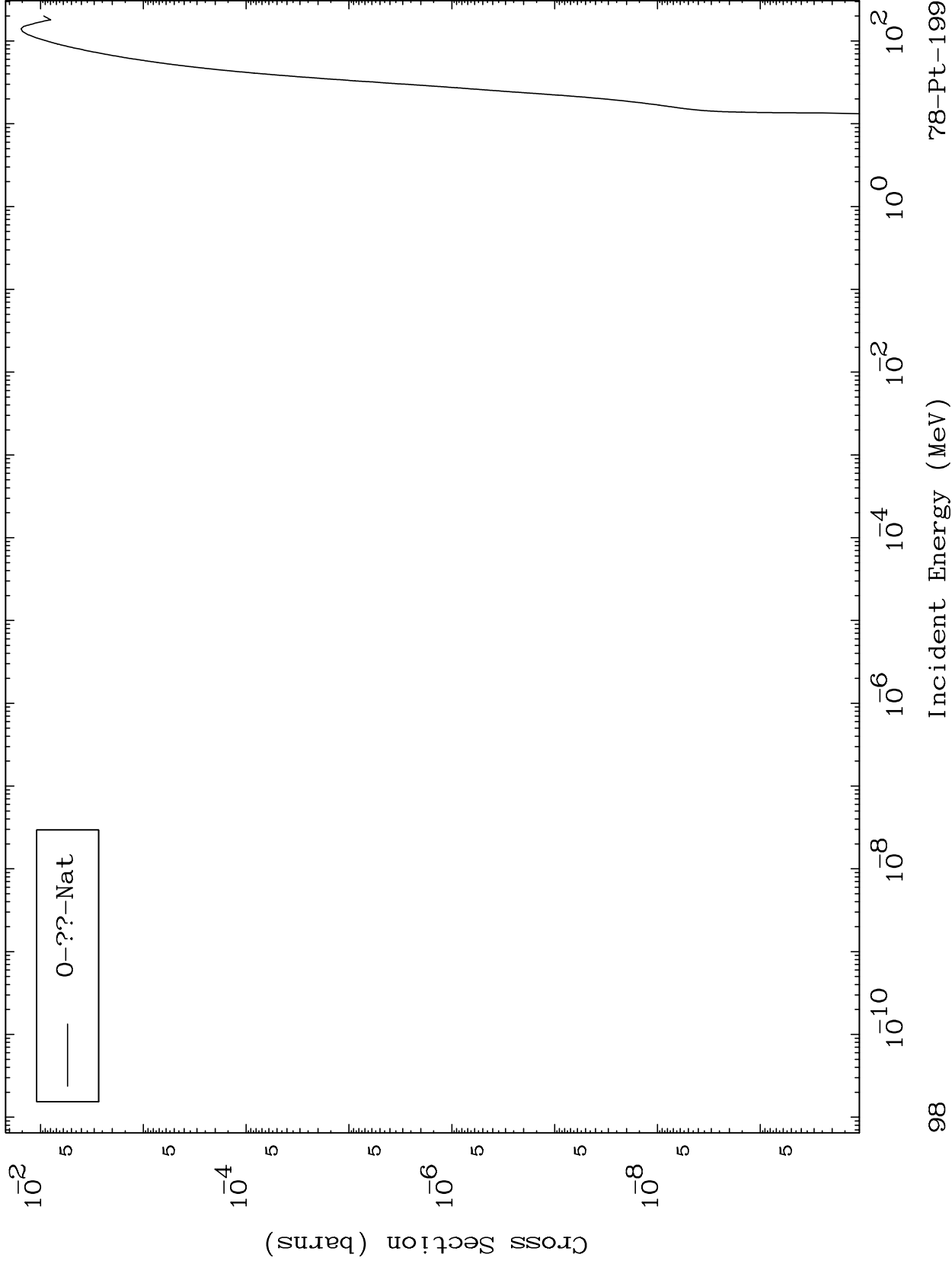


MAT 7852

Fission

78-Pt-199

Radionuclide Production Cross Section

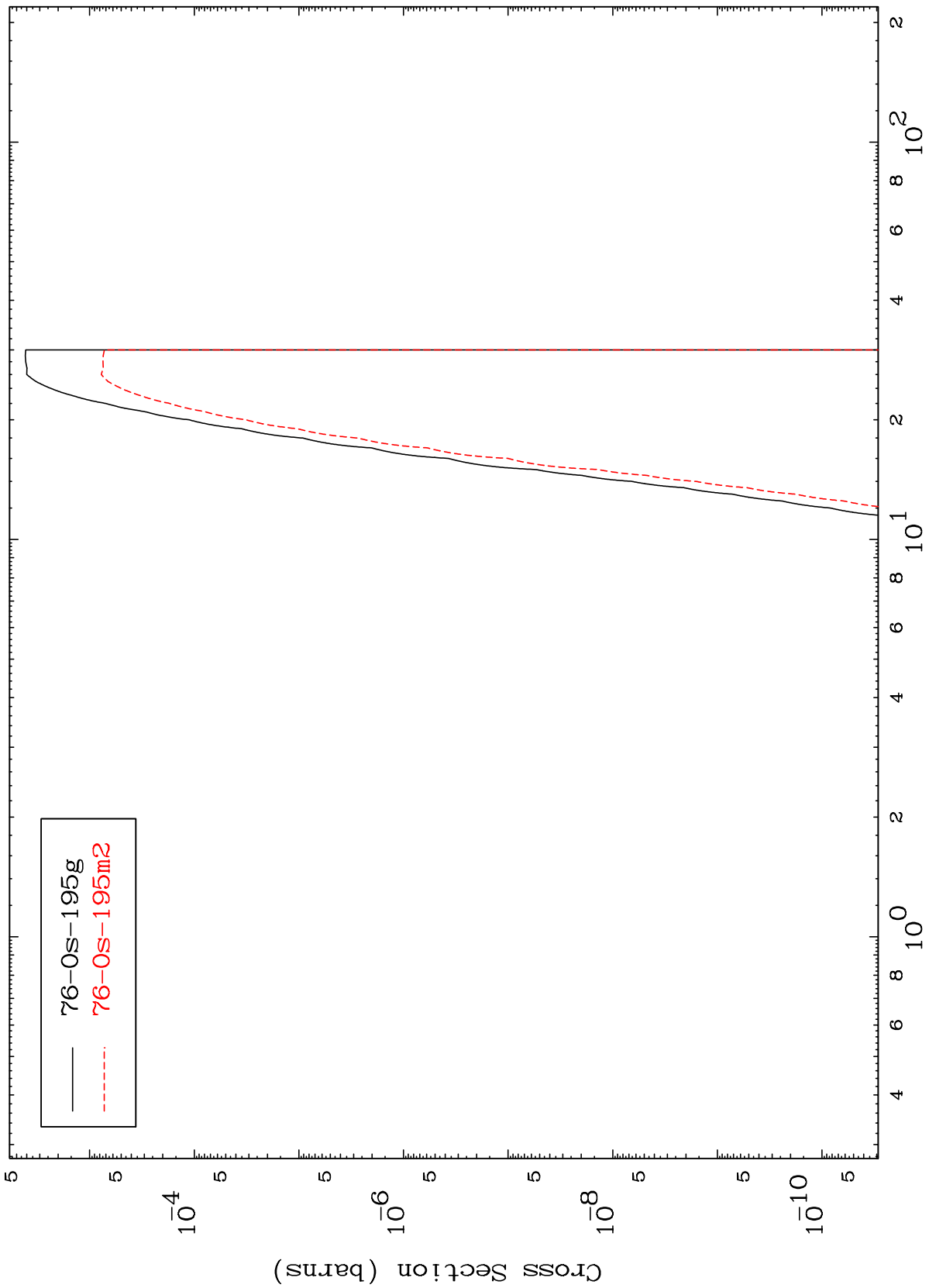


MAT 7852

$(n, n') \alpha$

78-Pt-199

Radionuclide Production Cross Section



76-Os-195g
76-Os-195m2

99

Incident Energy (MeV)

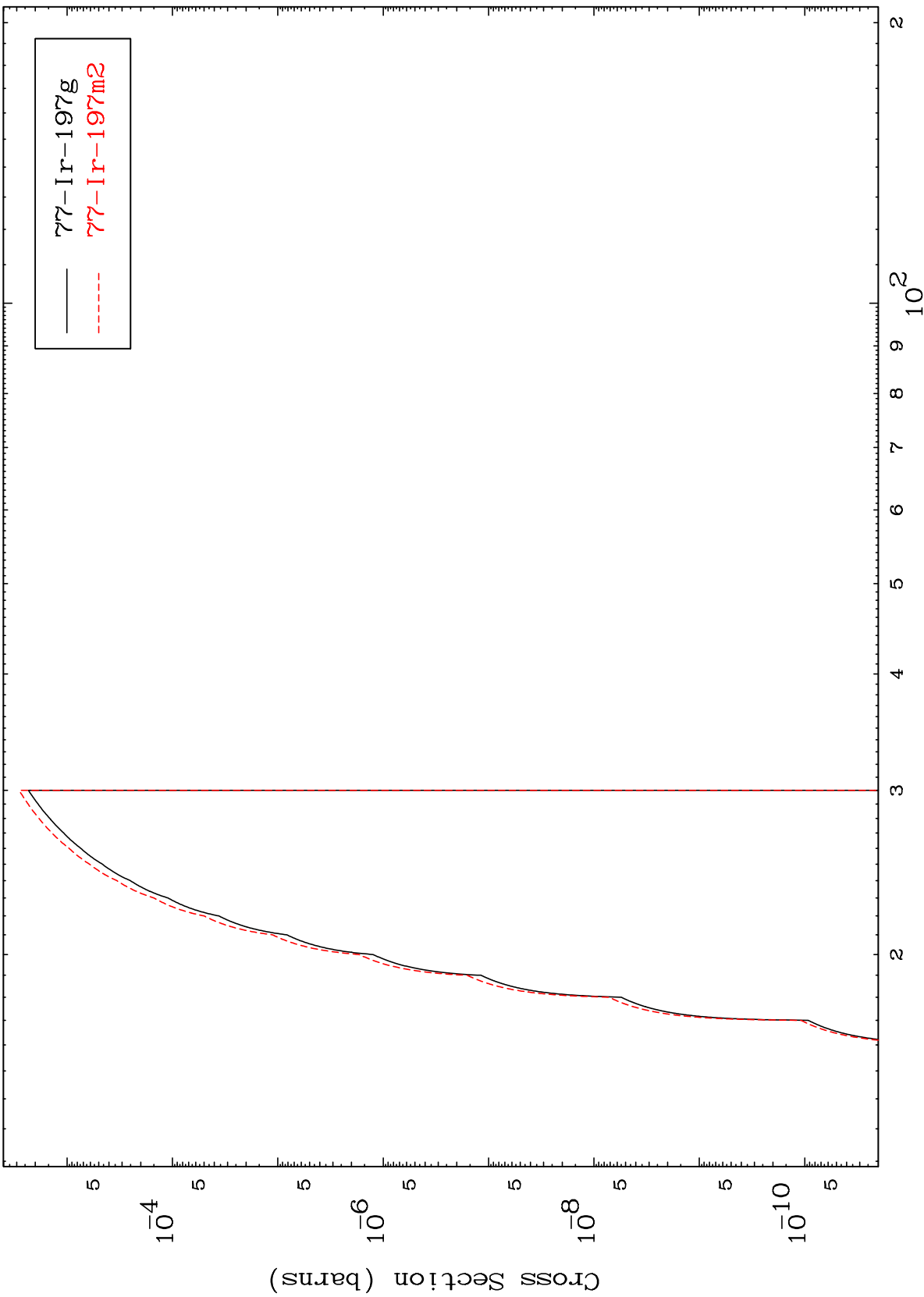
78-Pt-199

MAT 7852

(n,n') d

78-Pt-199

Radionuclide Production Cross Section



77-Ir-197g
77-Ir-197m2

100

Incident Energy (MeV)

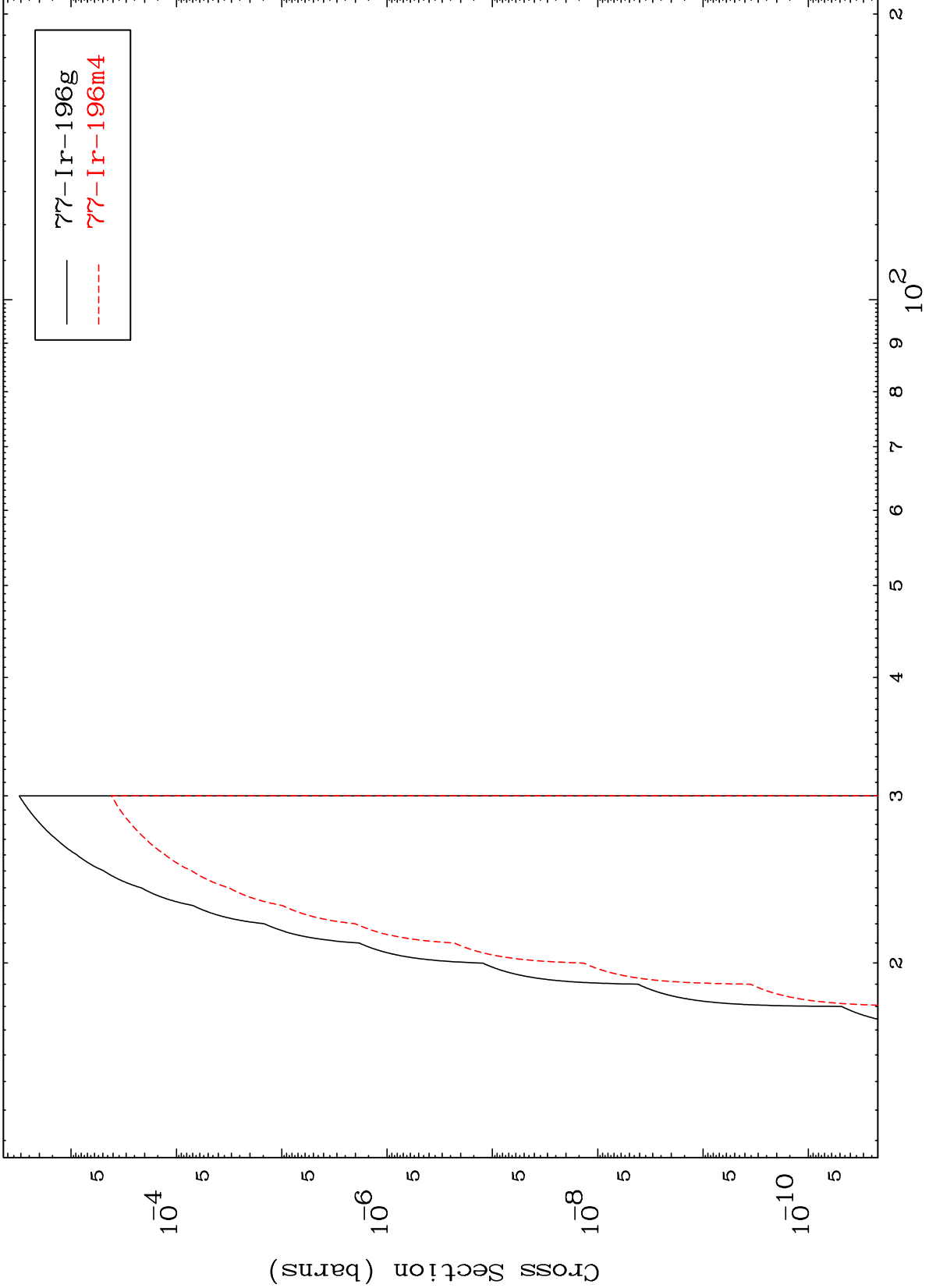
78-Pt-199

MAT 7852

(n,n') t

78-Pt-199

Radionuclide Production Cross Section

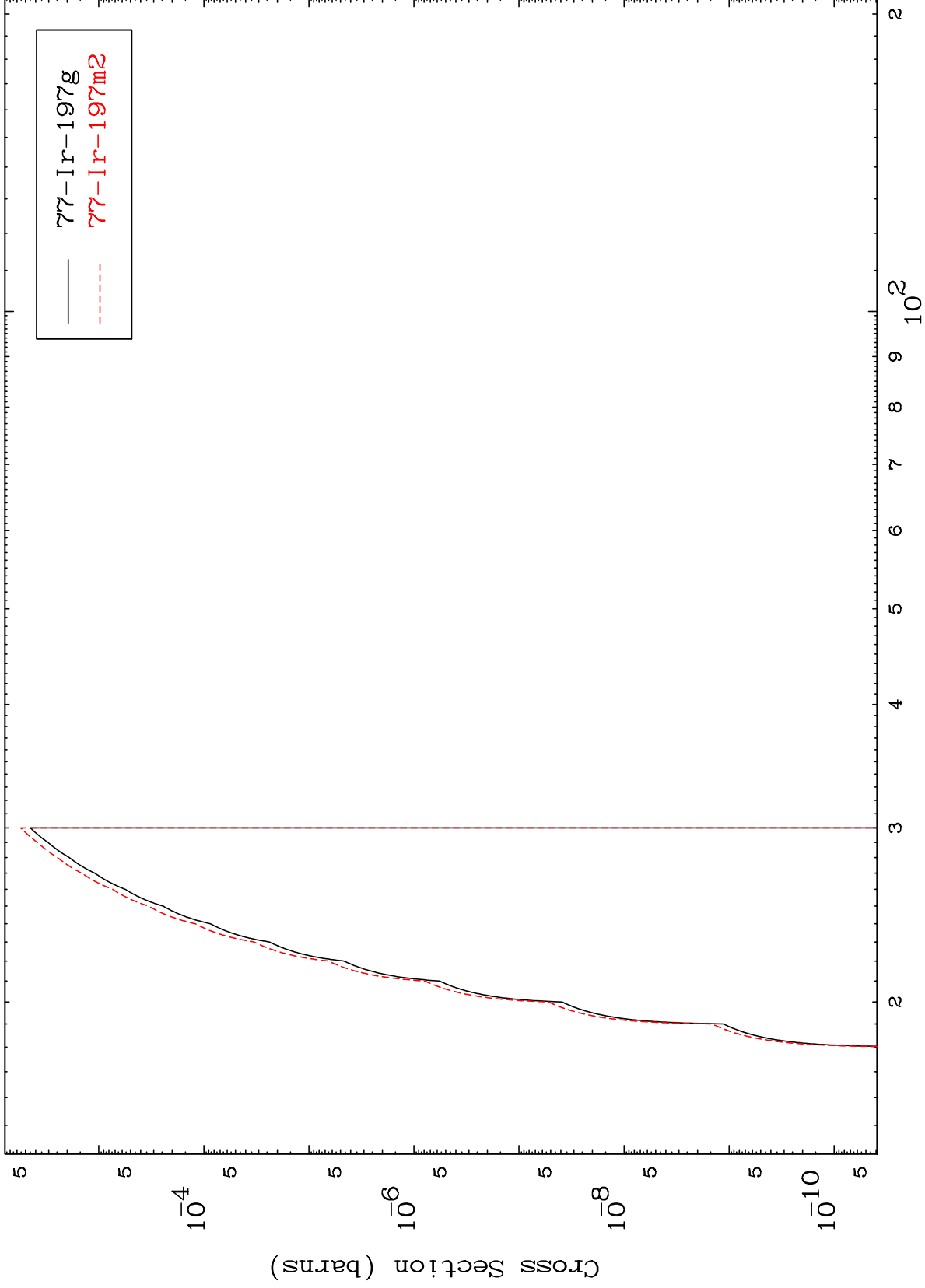


101

Incident Energy (MeV)

78-Pt-199

Radionuclide Production Cross Section

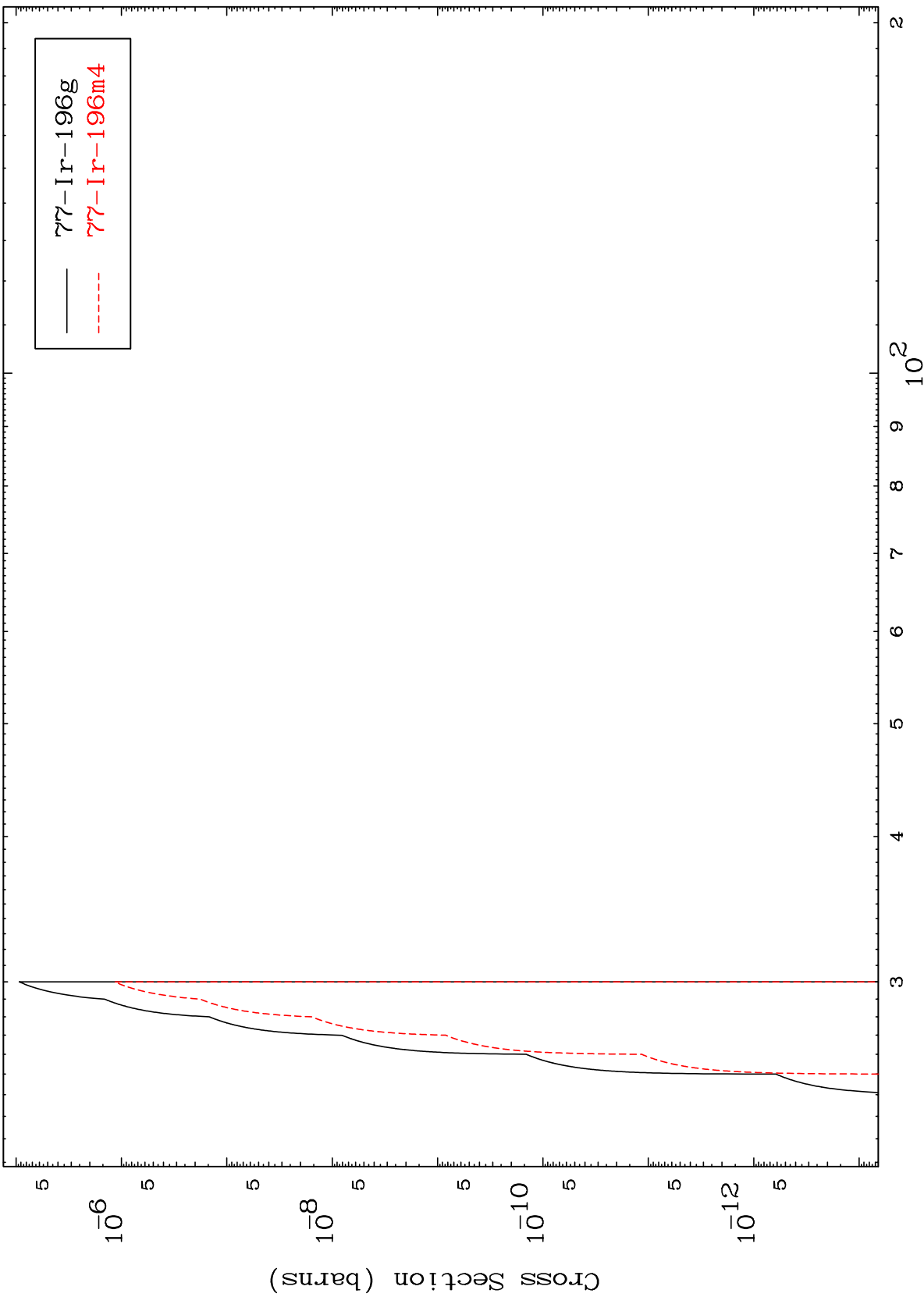


MAT 7852

(n,3n) p

78-Pt-199

Radionuclide Production Cross Section



103

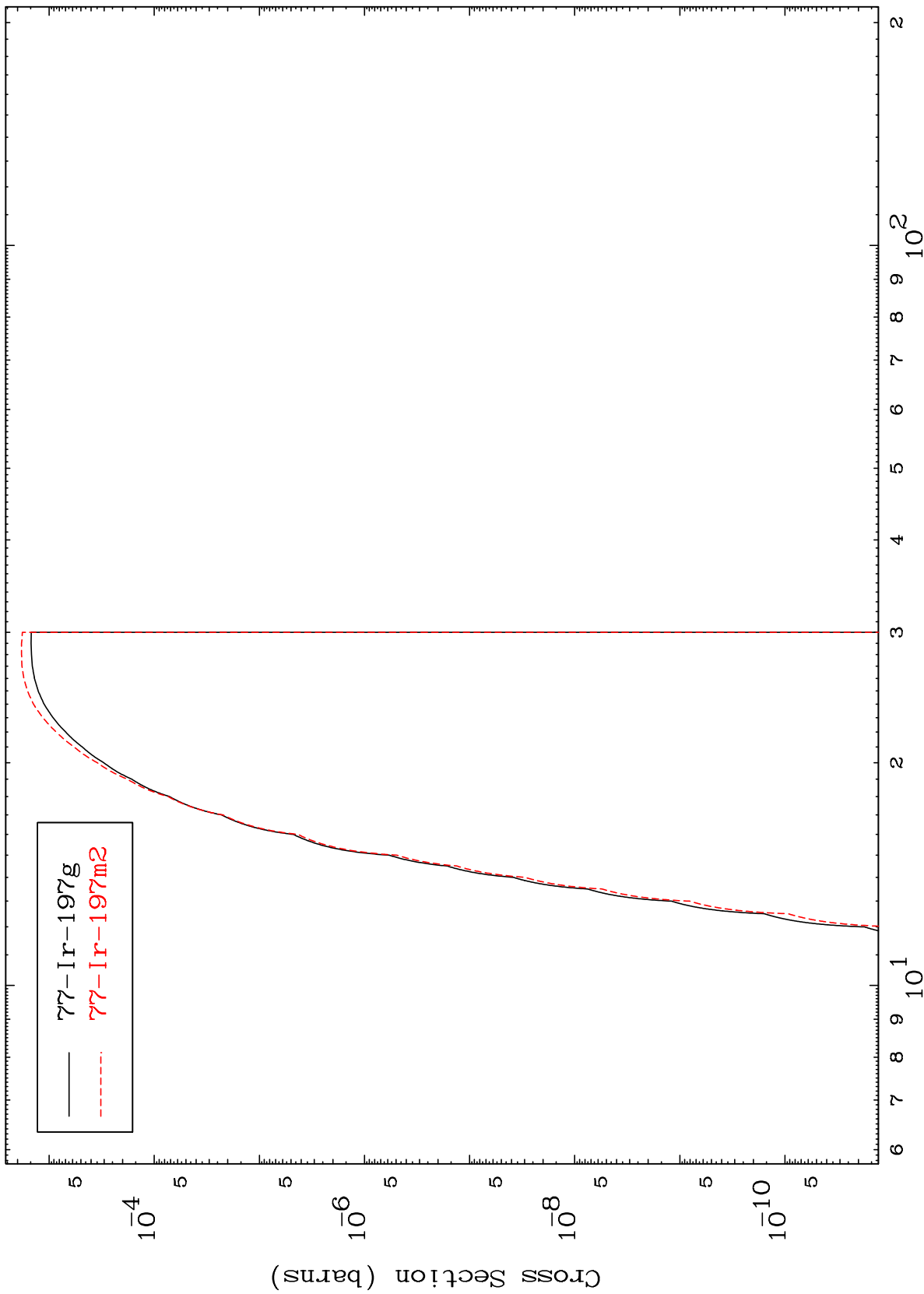
Incident Energy (MeV)

78-Pt-199

MAT 7852

78-Pt-199

(n,t)
Radionuclide Production Cross Section



104

Incident Energy (MeV)

78-Pt-199