

Program EVALPLOT
(Version 2021-1)

by

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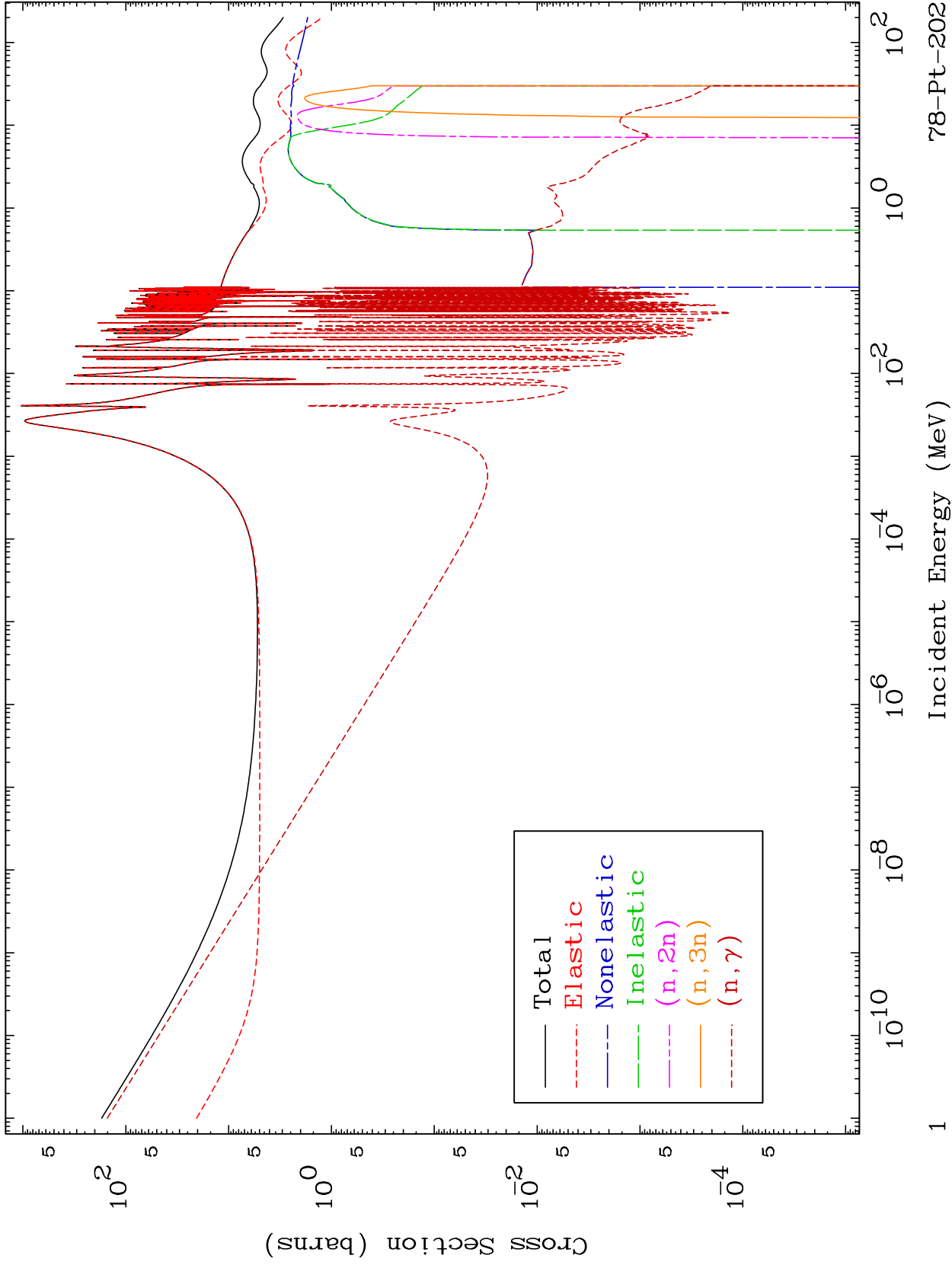
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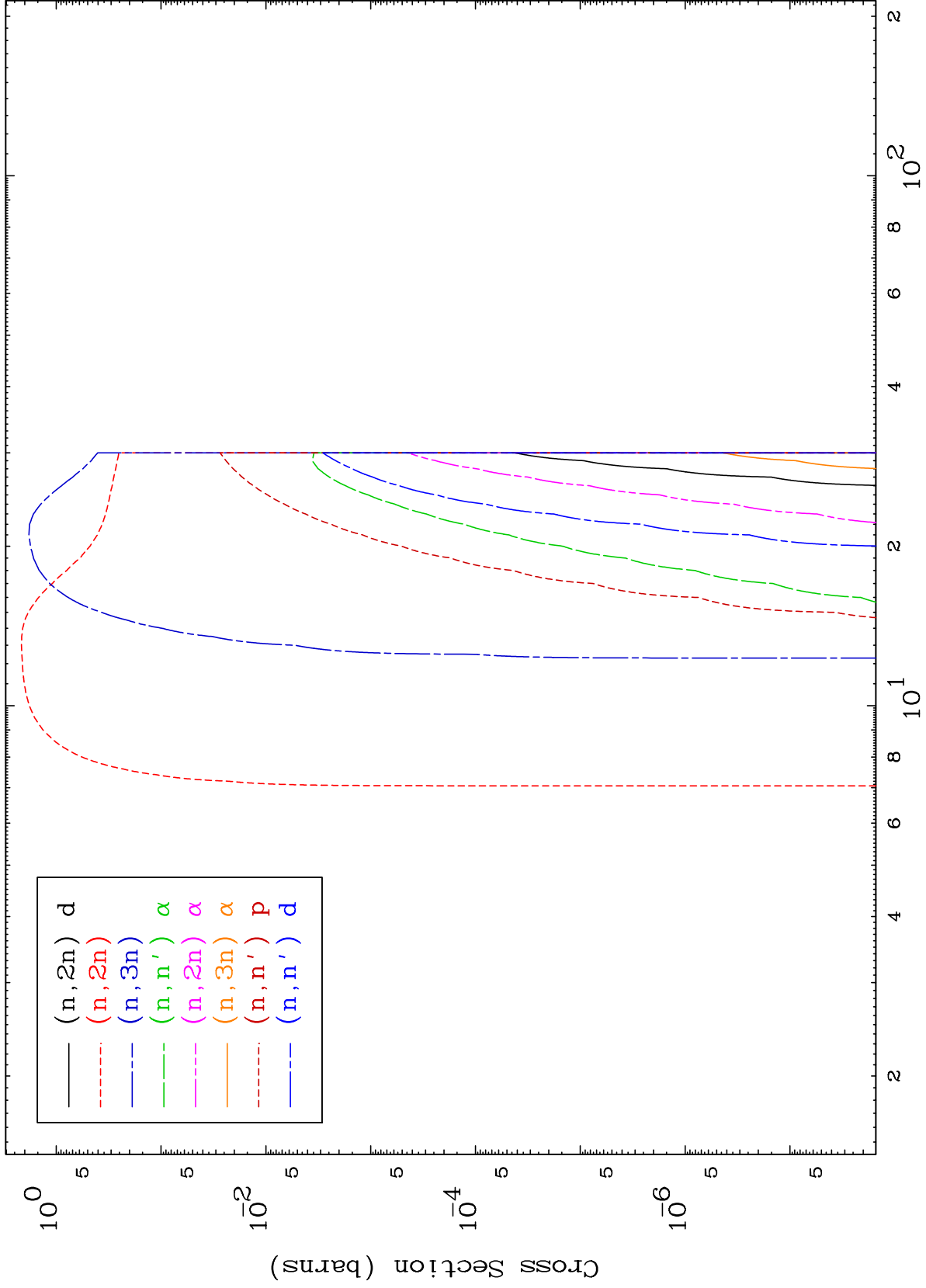
Press Mouse Button to Start

MAT 7861

Neutron Major
293 Kelvin Cross Sections

78-Pt-202

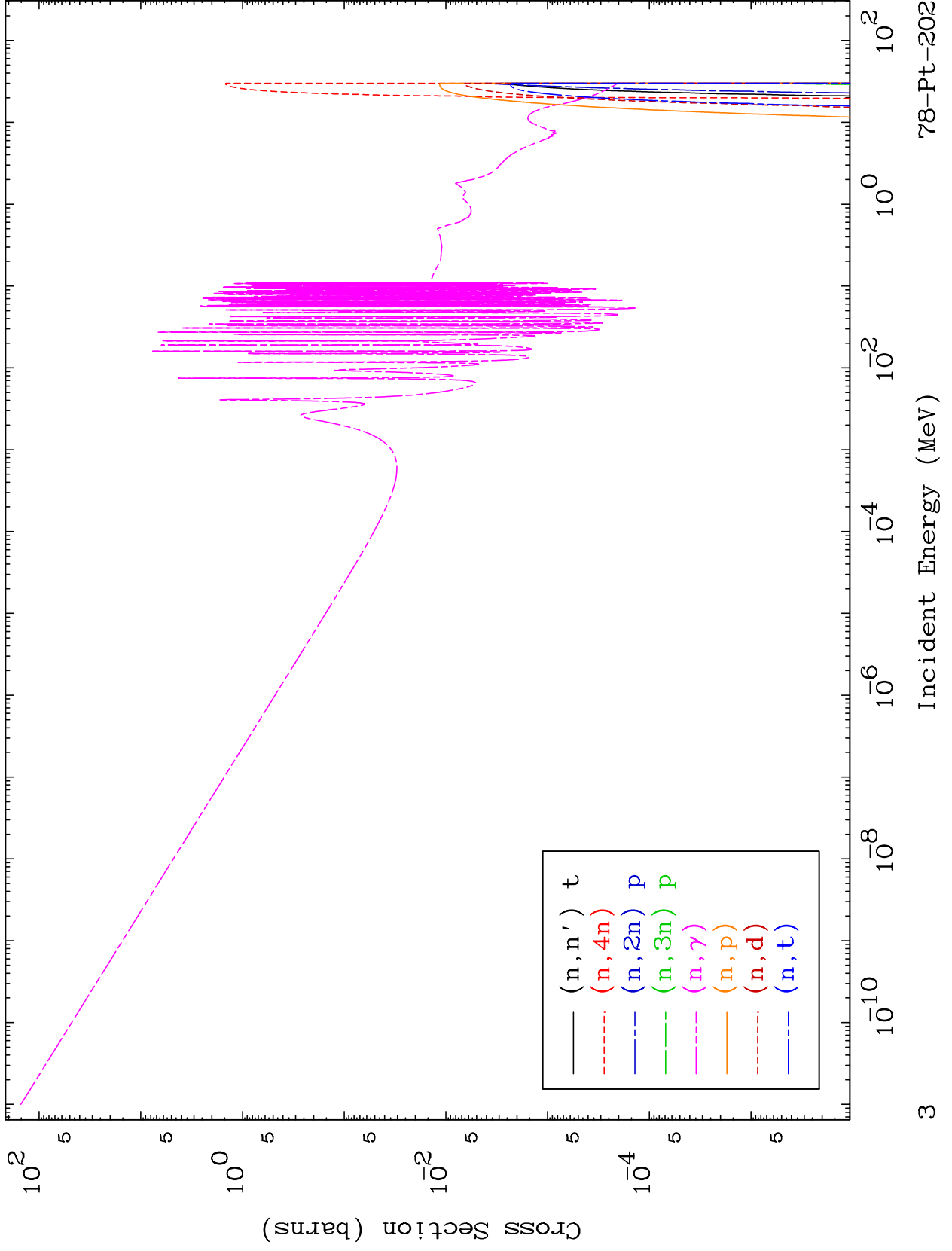




MAT 7861

Neutron Absorption
293 Kelvin Cross Sections

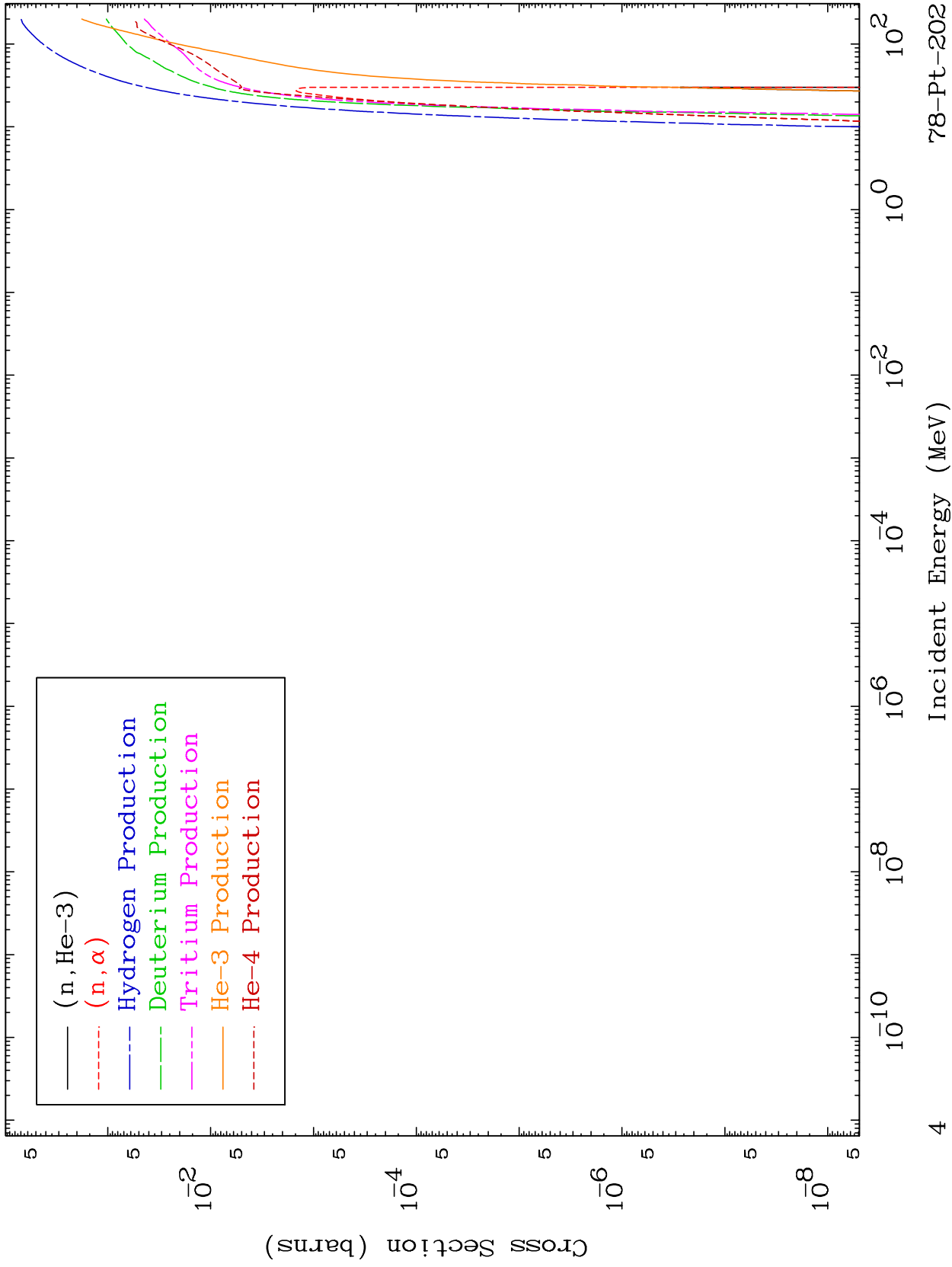
78-Pt-202

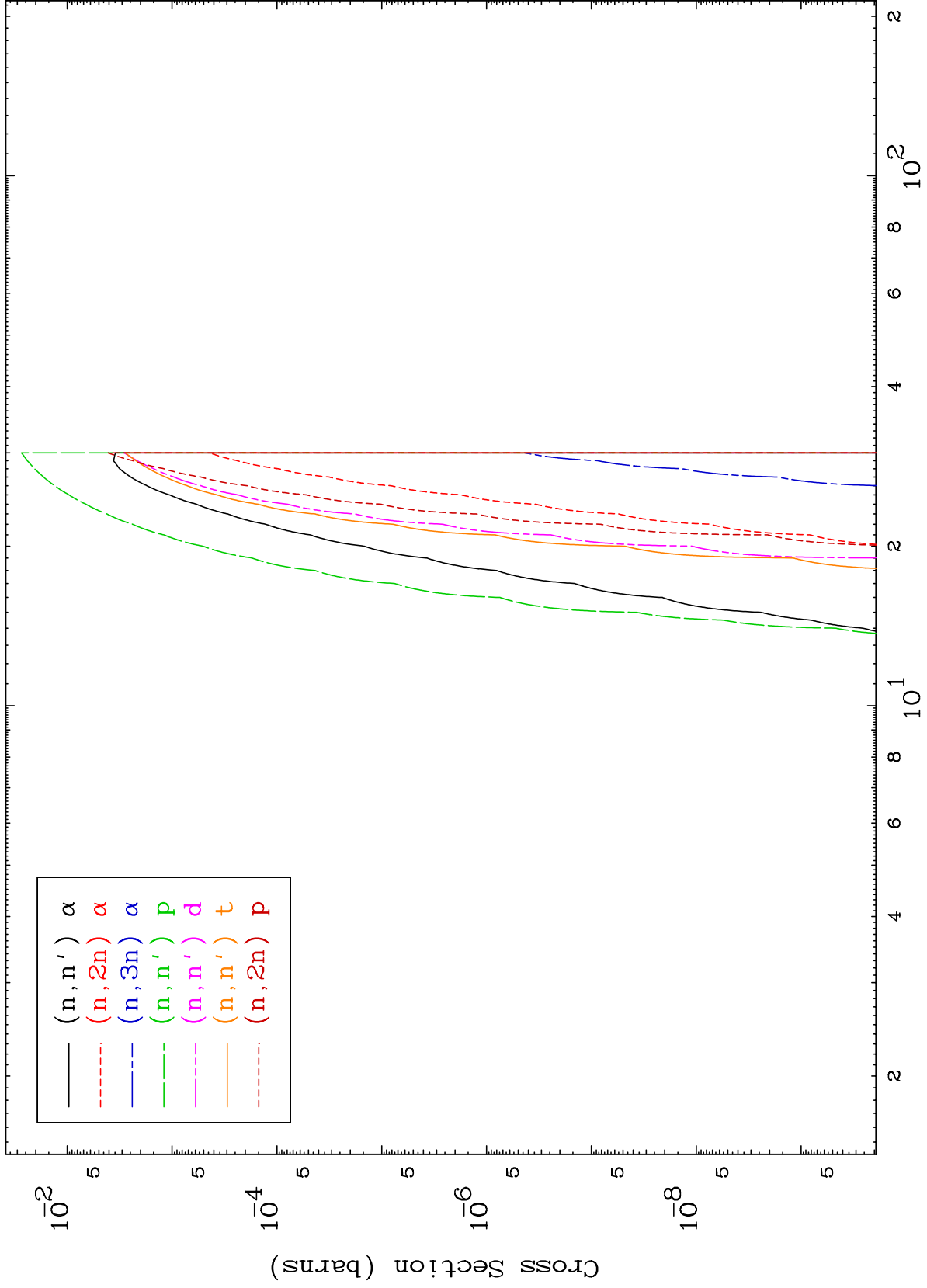


MAT 7861

Neutron Absorption
293 Kelvin Cross Sections

78-Pt-202

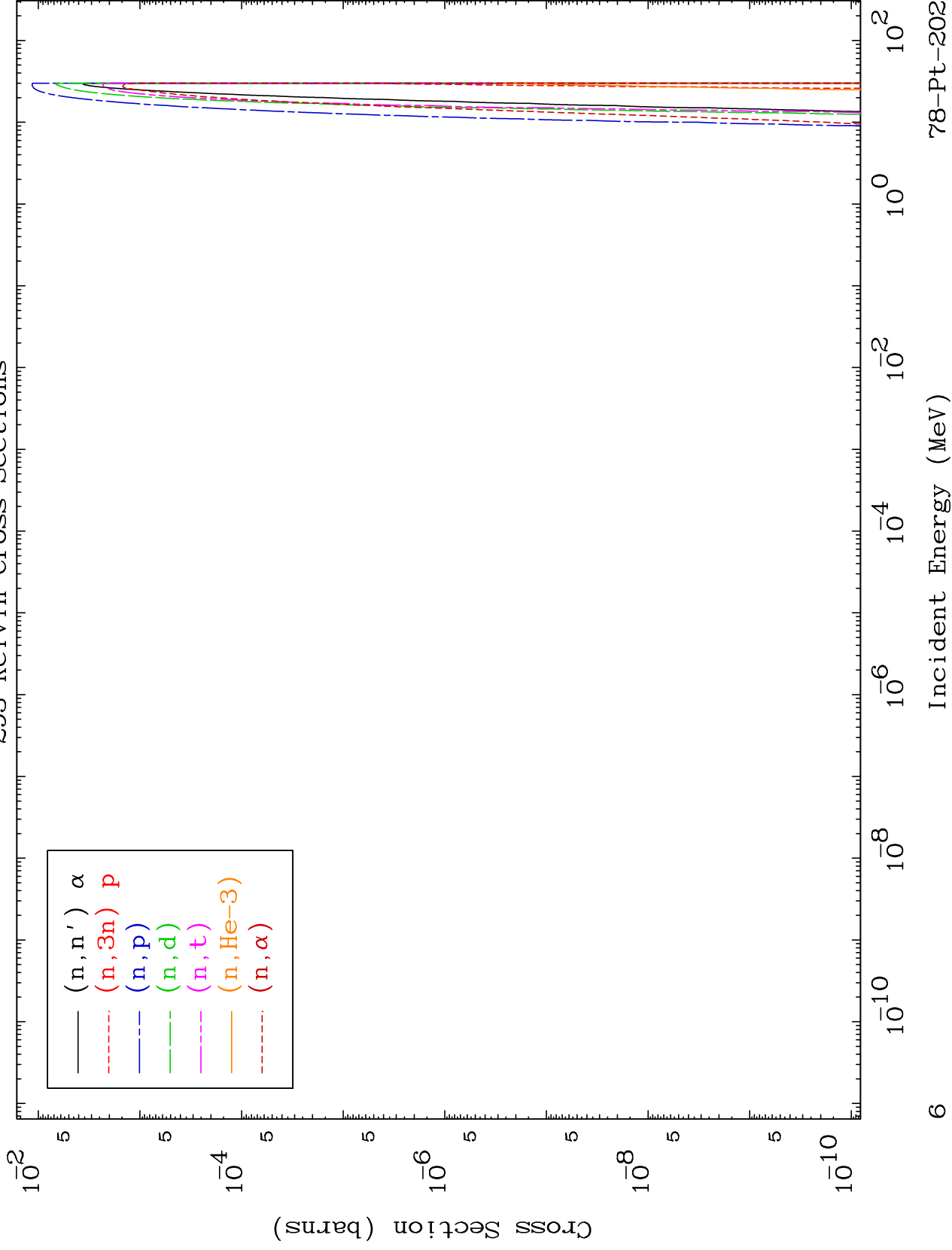


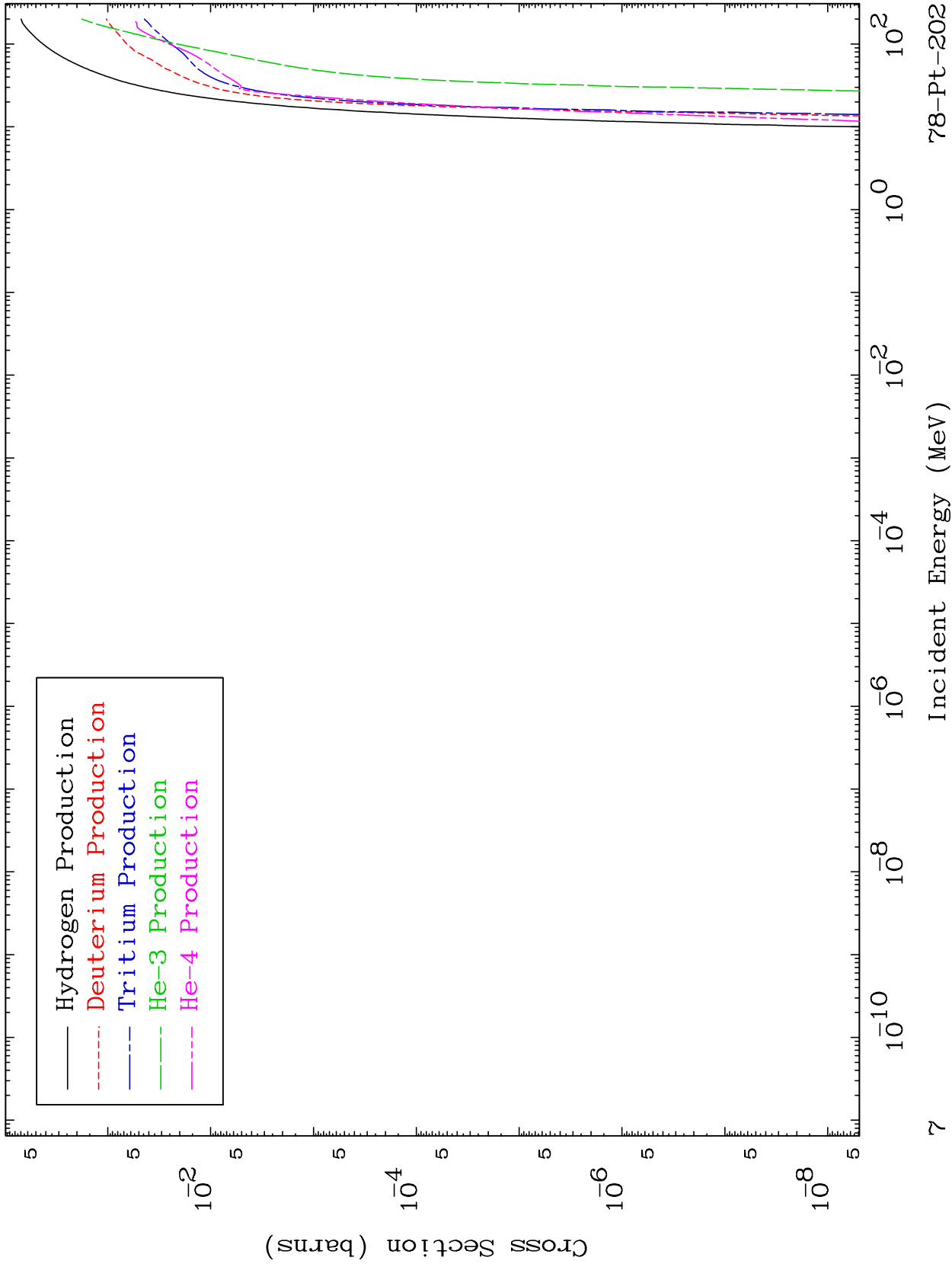


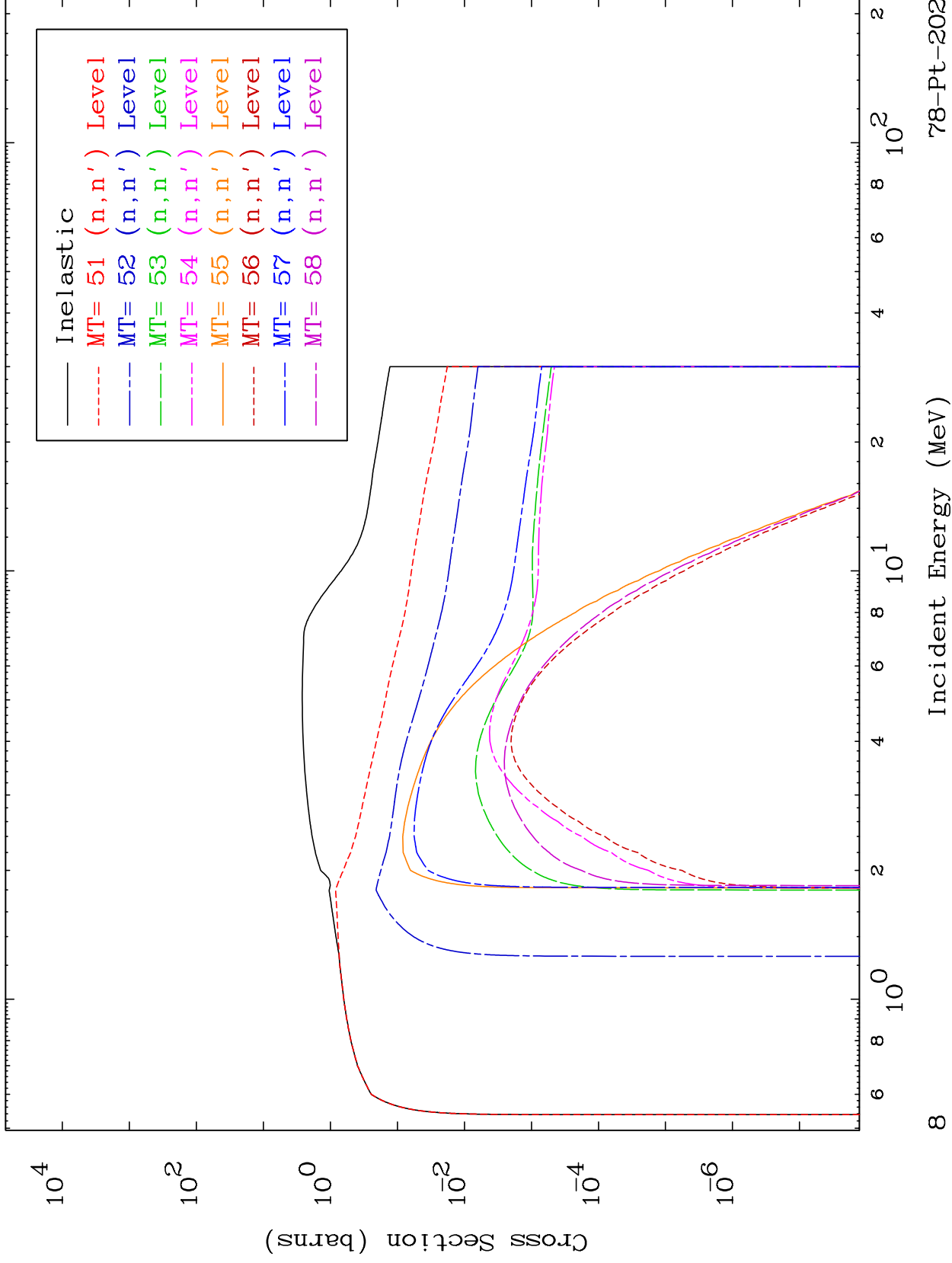
MAT 7861

Charged Particle
293 Kelvin Cross Sections

78-Pt-202





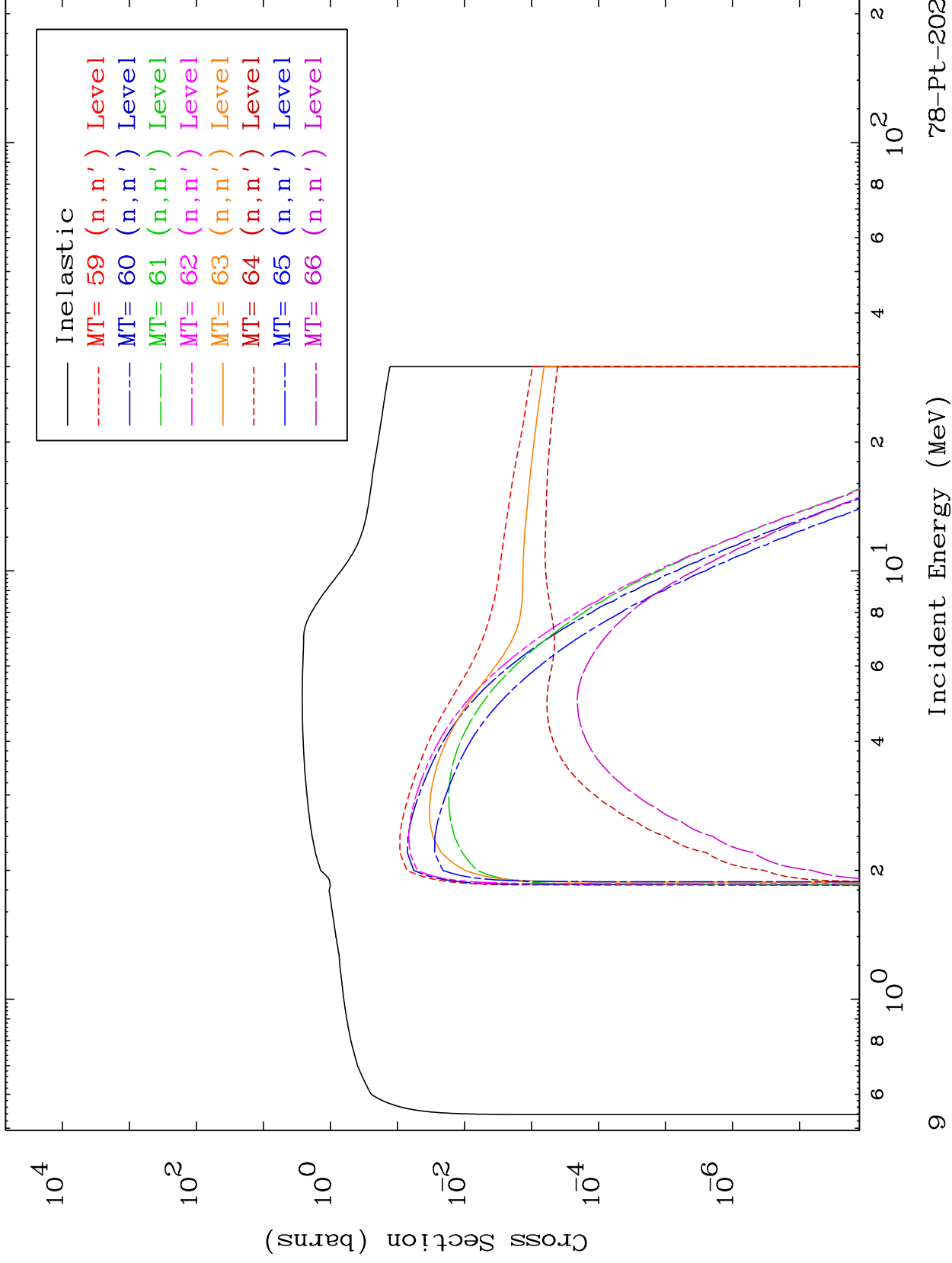


MAT 7861

(n,n') Levels

78-Pt-202

293 Kelvin Cross Sections

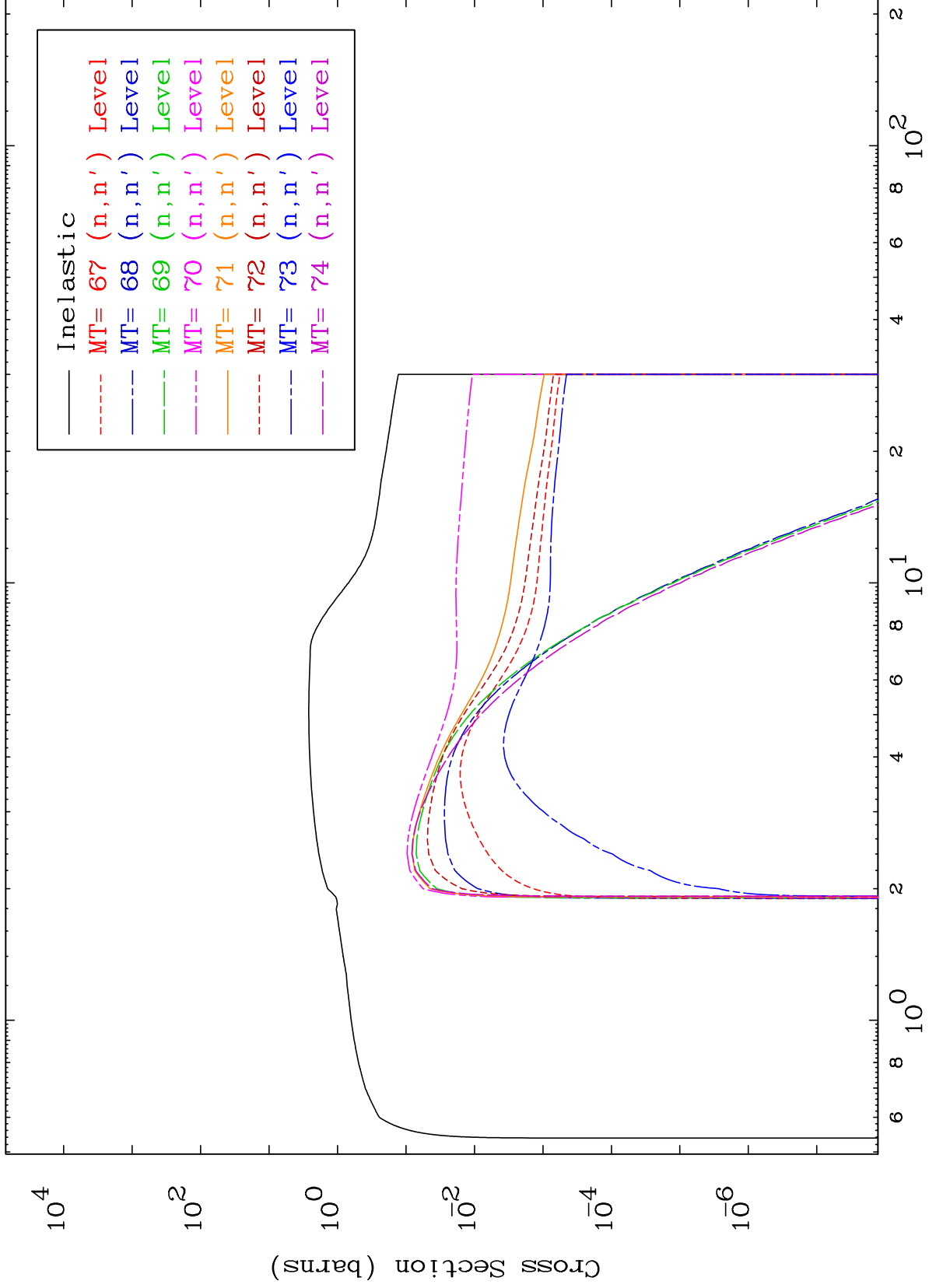


MAT 7861

(n,n') Levels

78-Pt-202

293 Kelvin Cross Sections



10

Incident Energy (MeV)

78-Pt-202

MAT 7861

(n,n') Levels

78-Pt-202

293 Kelvin Cross Sections

78-Pt-202

10^4

10^2

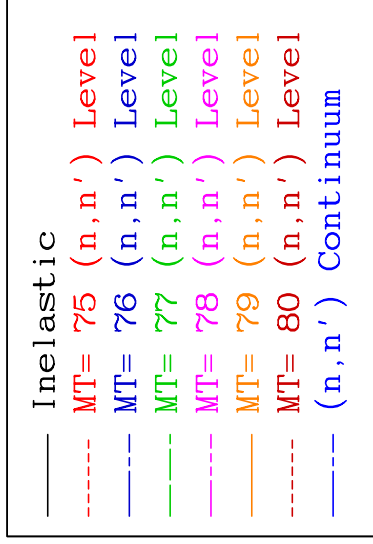
10^0

10^{-2}

10^{-4}

10^{-6}

Cross Section (barns)



6 8 10^0

4 6 8 10

2 4 6 8 10²

11

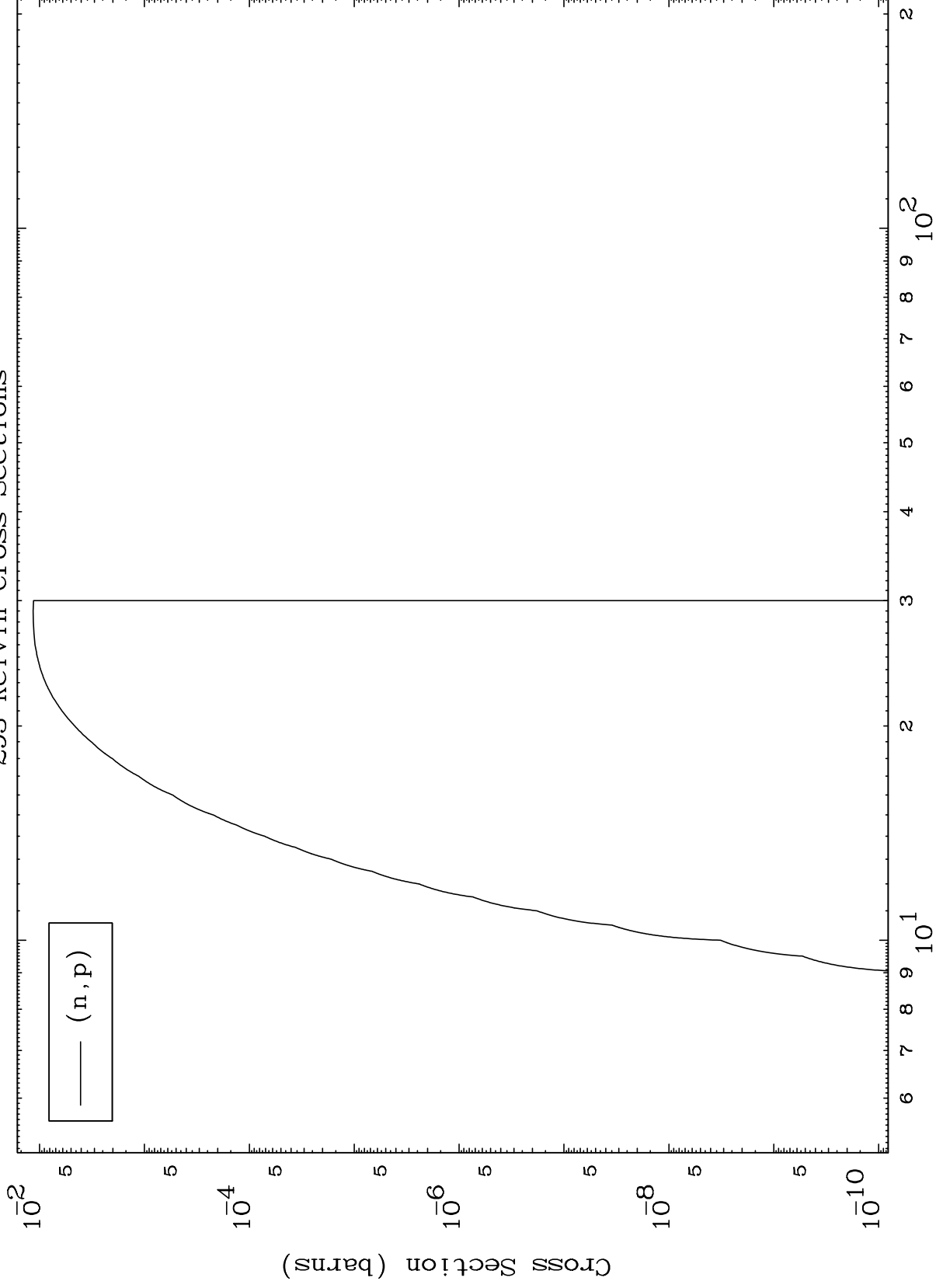
Incident Energy (MeV)

78-Pt-202

MAT 7861

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-202



12

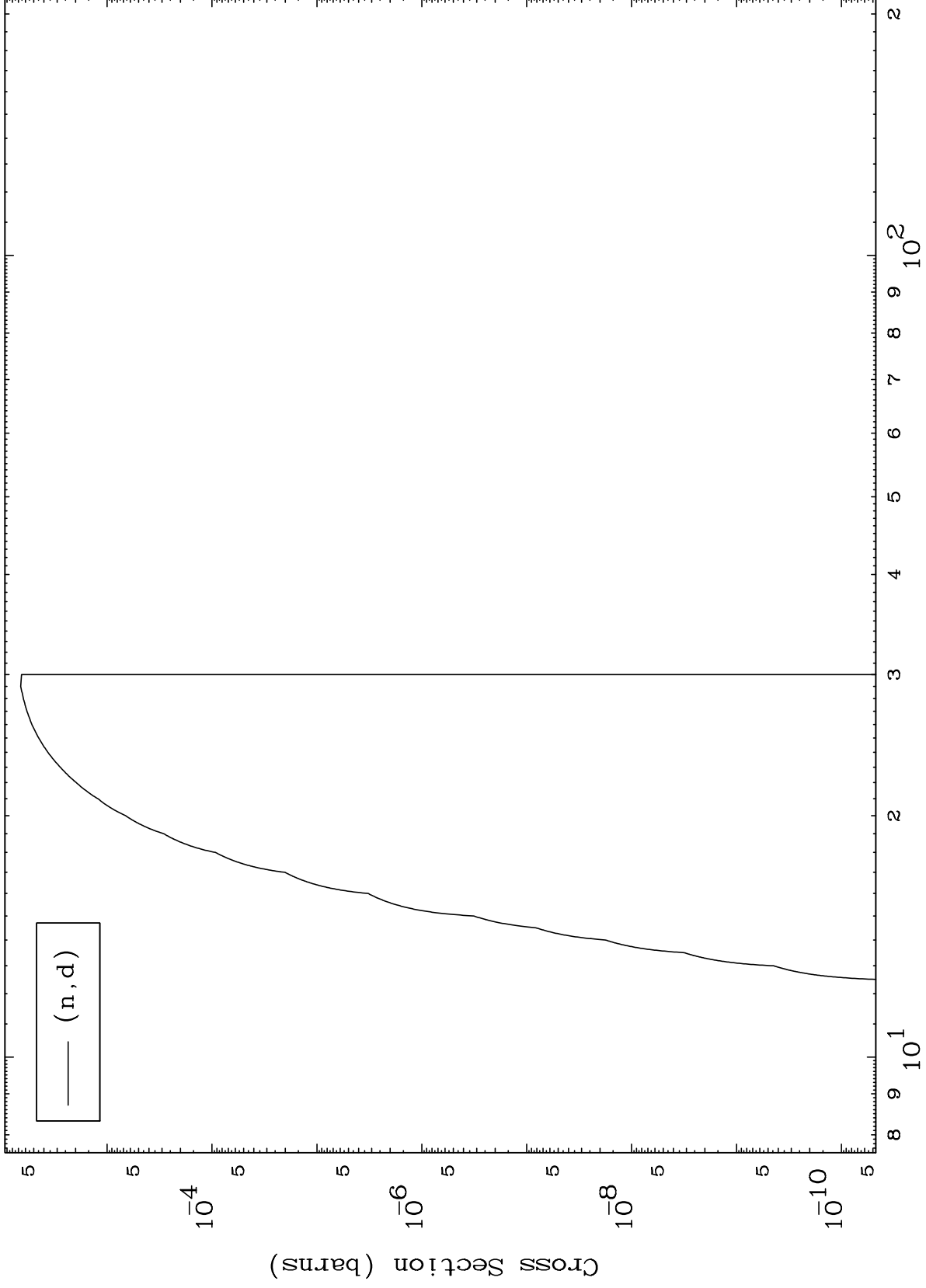
Incident Energy (MeV)

78-Pt-202

MAT 7861

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-202



13

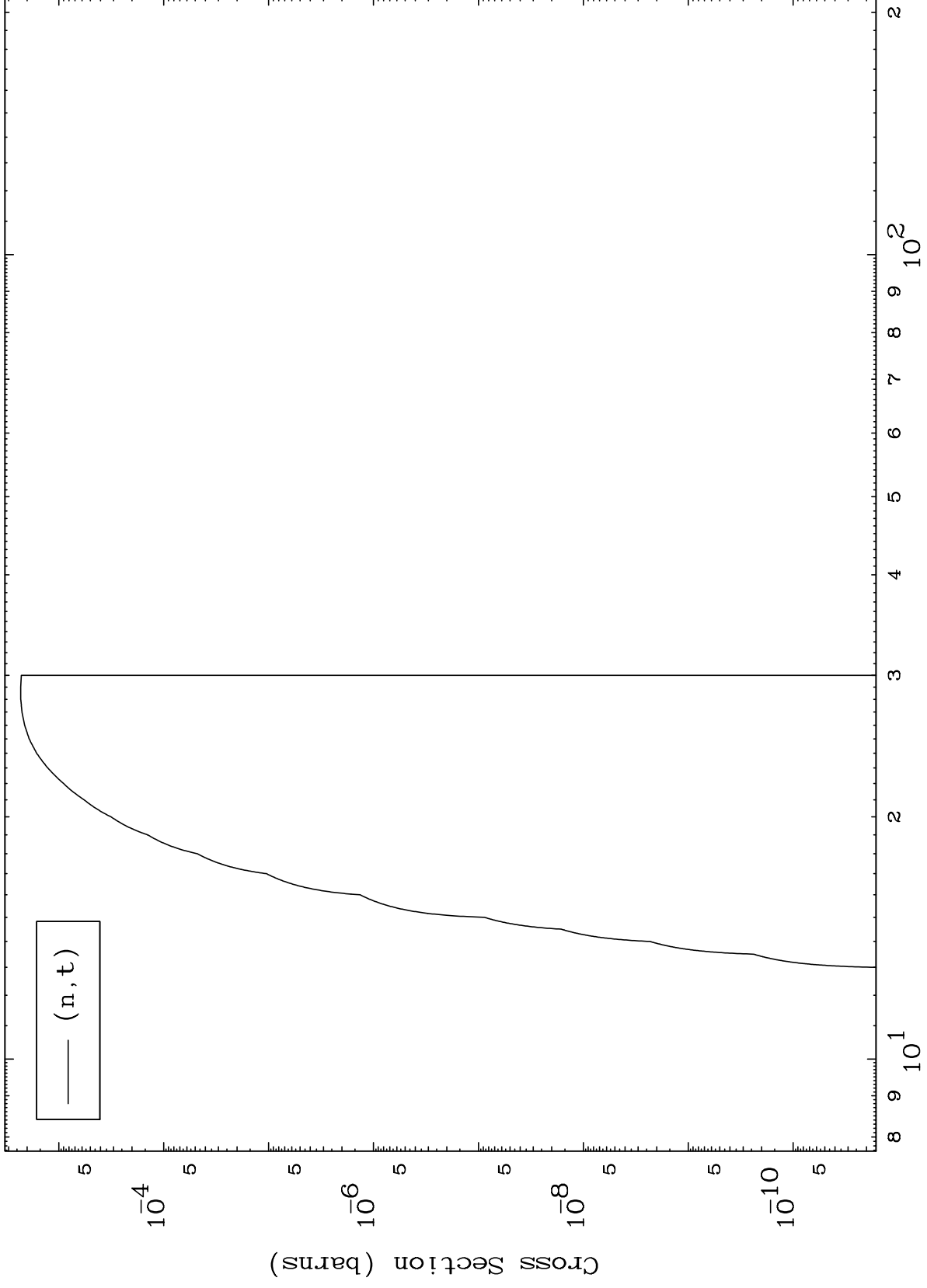
Incident Energy (MeV)

78-Pt-202

MAT 7861

(n,t) Levels
293 Kelvin Cross Sections

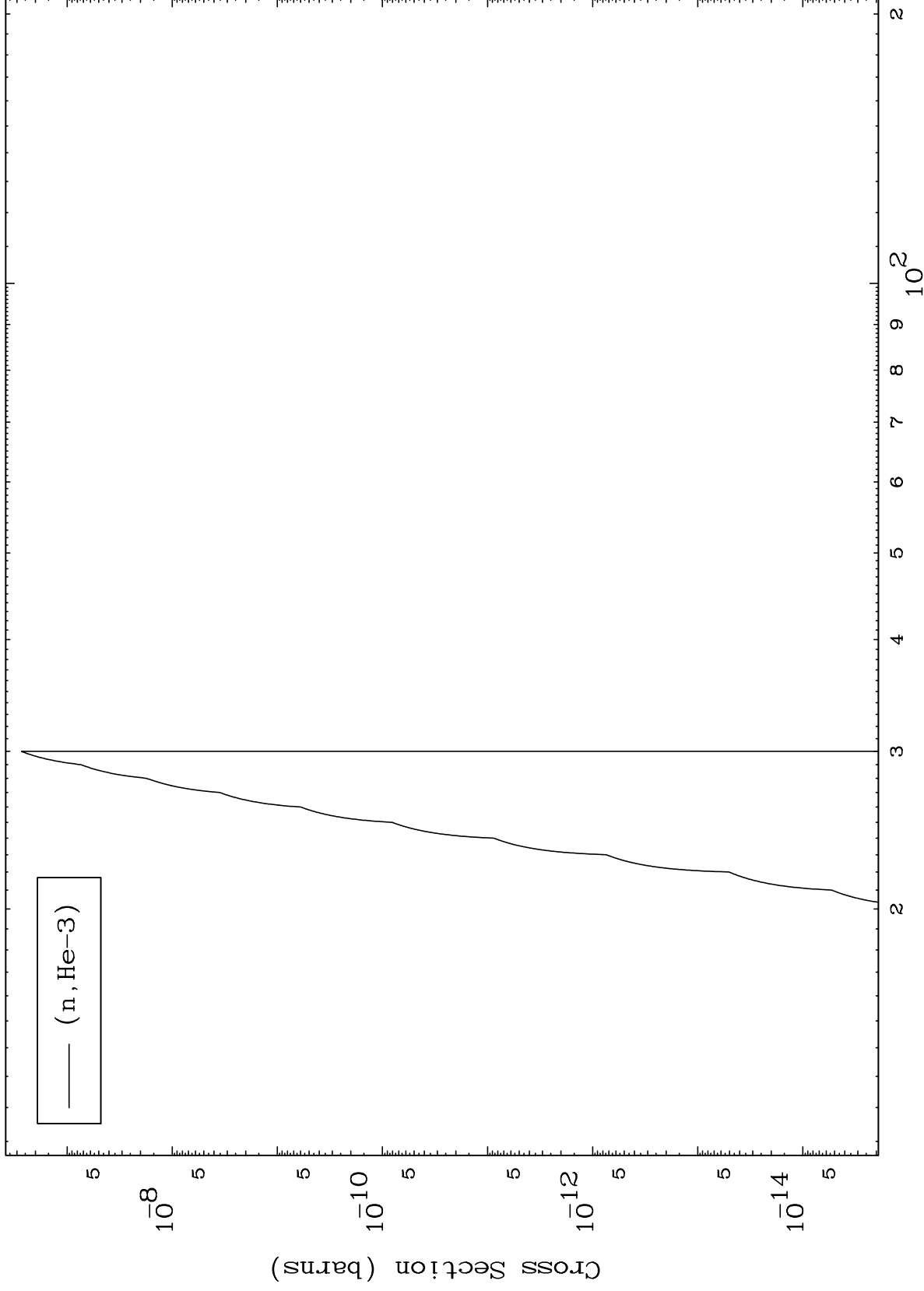
78-Pt-202



14

Incident Energy (MeV)

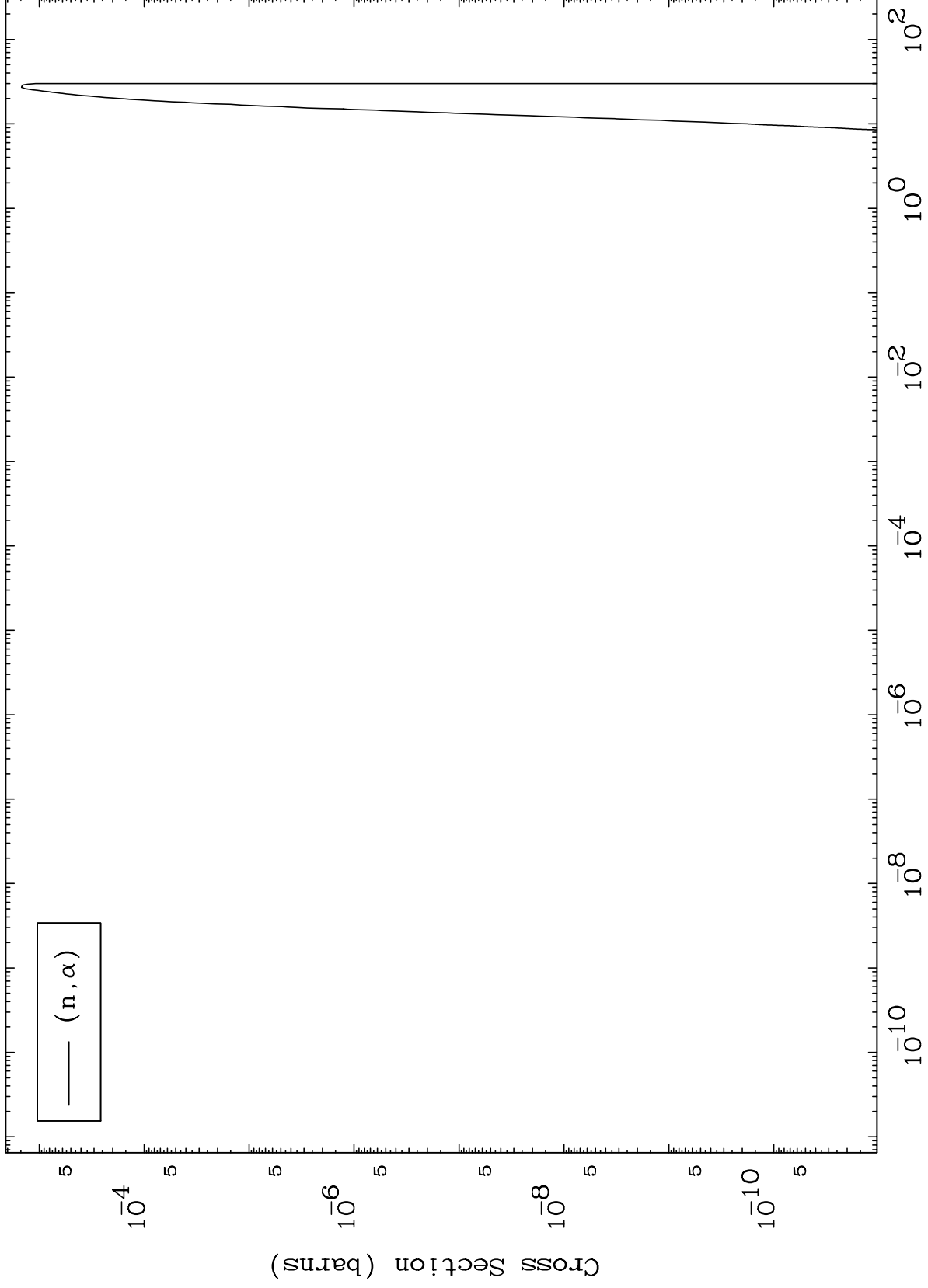
78-Pt-202



MAT 7861

(n, α) Levels
293 Kelvin Cross Sections

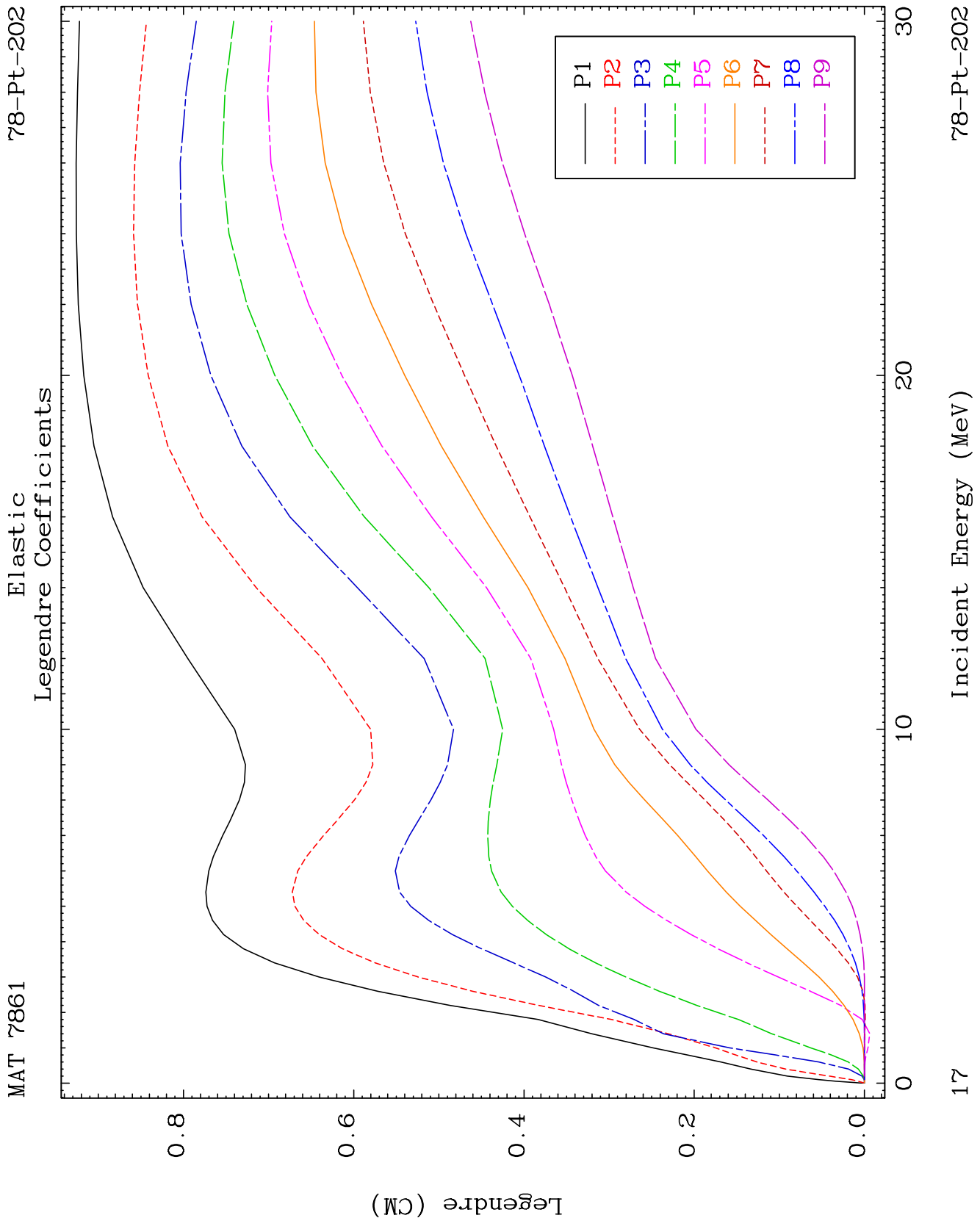
78-Pt-202

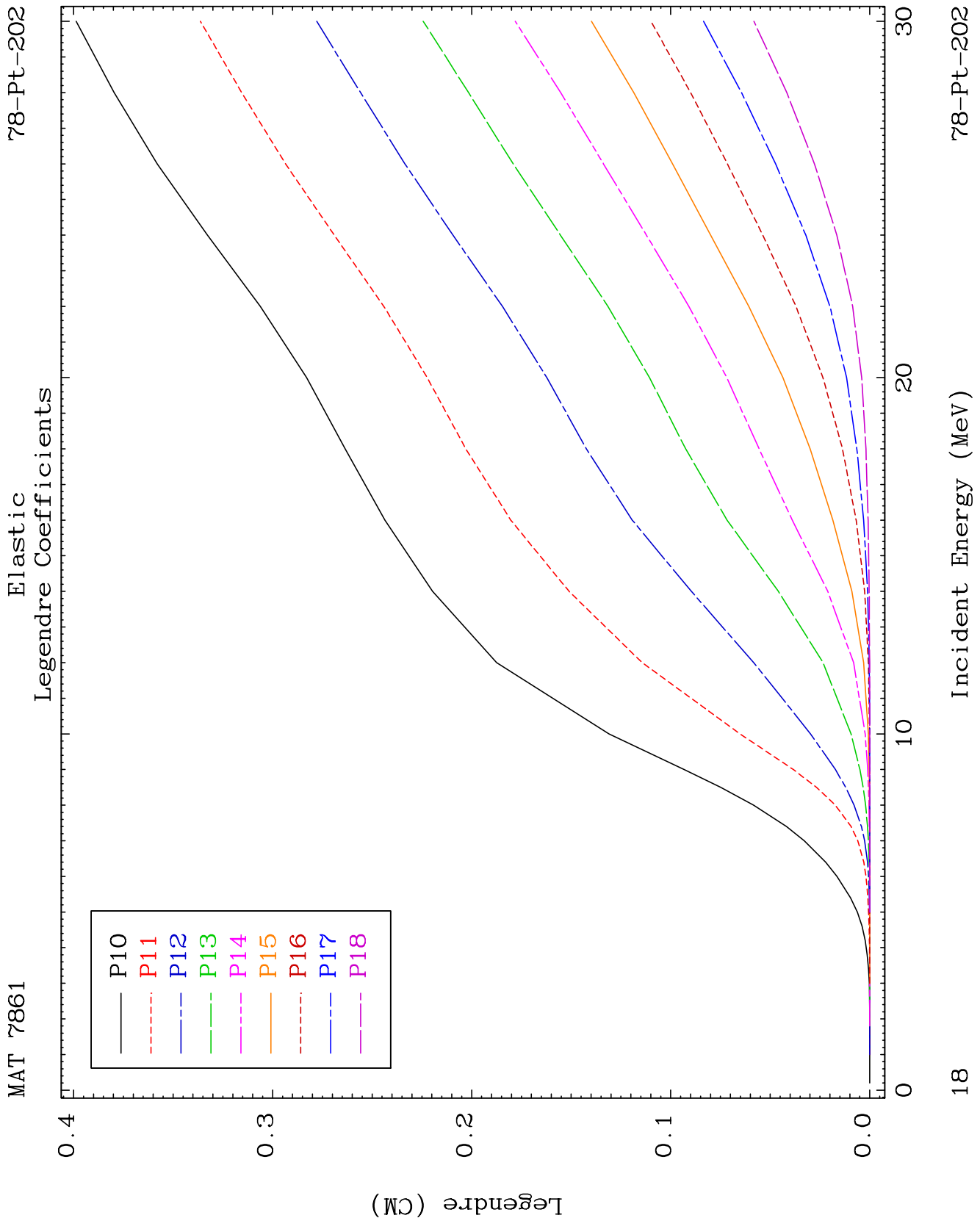


16

Incident Energy (MeV)

78-Pt-202

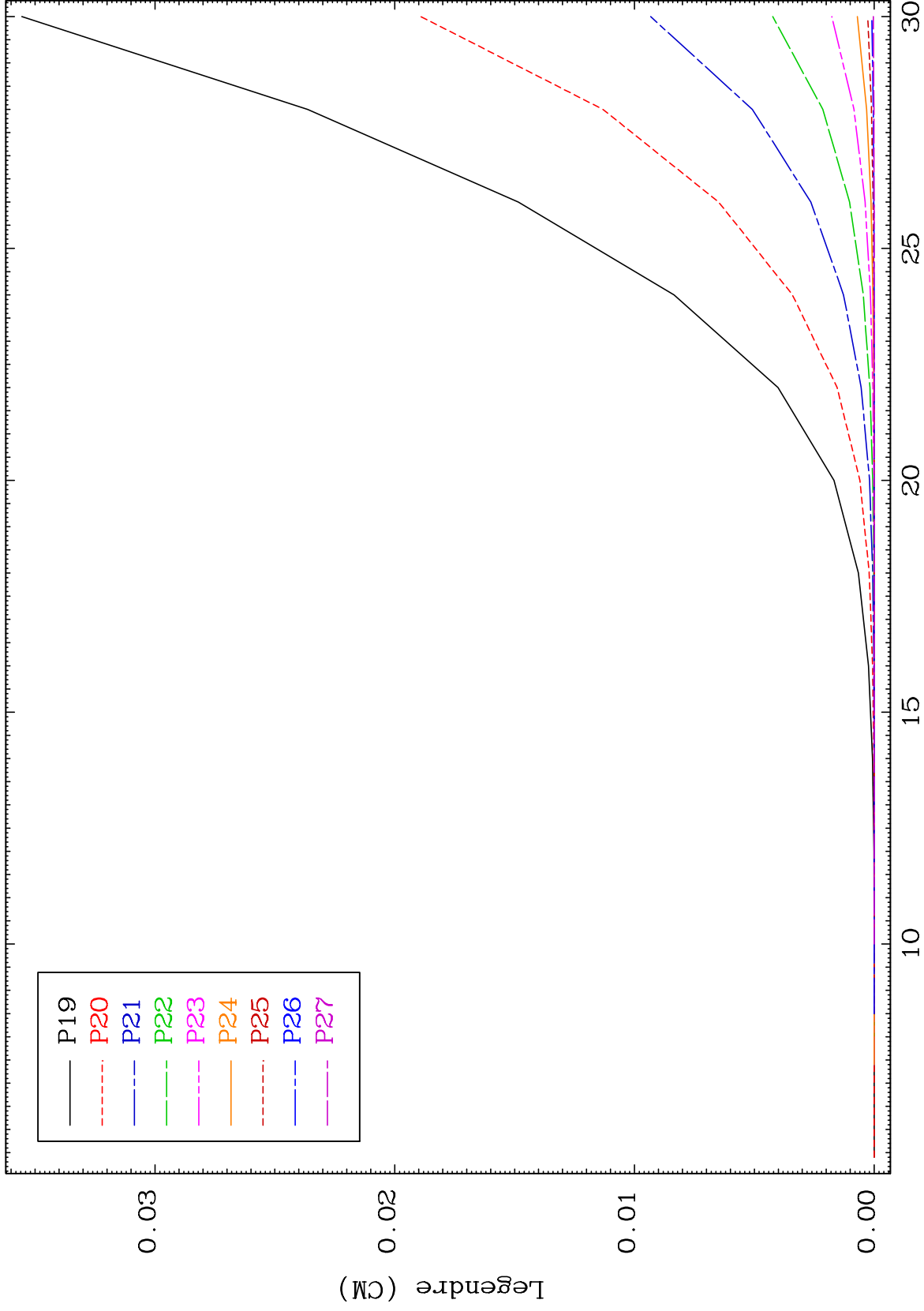




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Elastic Legendre Coefficients

78-Pt-202



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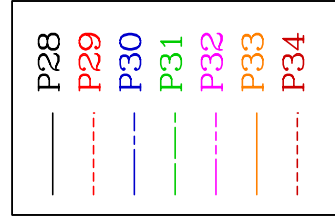
Incident Energy (MeV)

78-Pt-202

MAT 7861

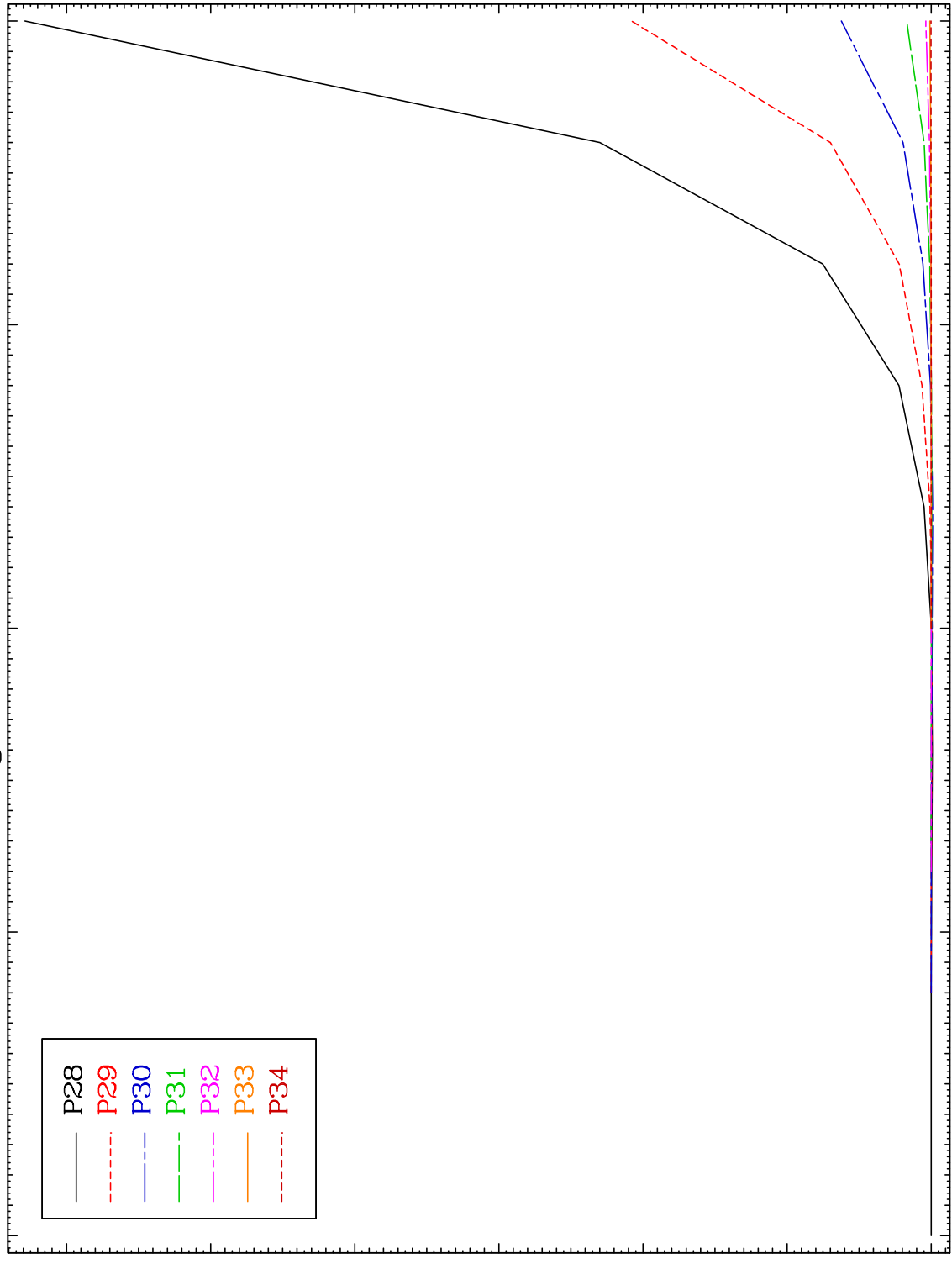
Elastic
Legendre Coefficients

78-Pt-202



$\times 10^{-5}$
Legendre (CM)

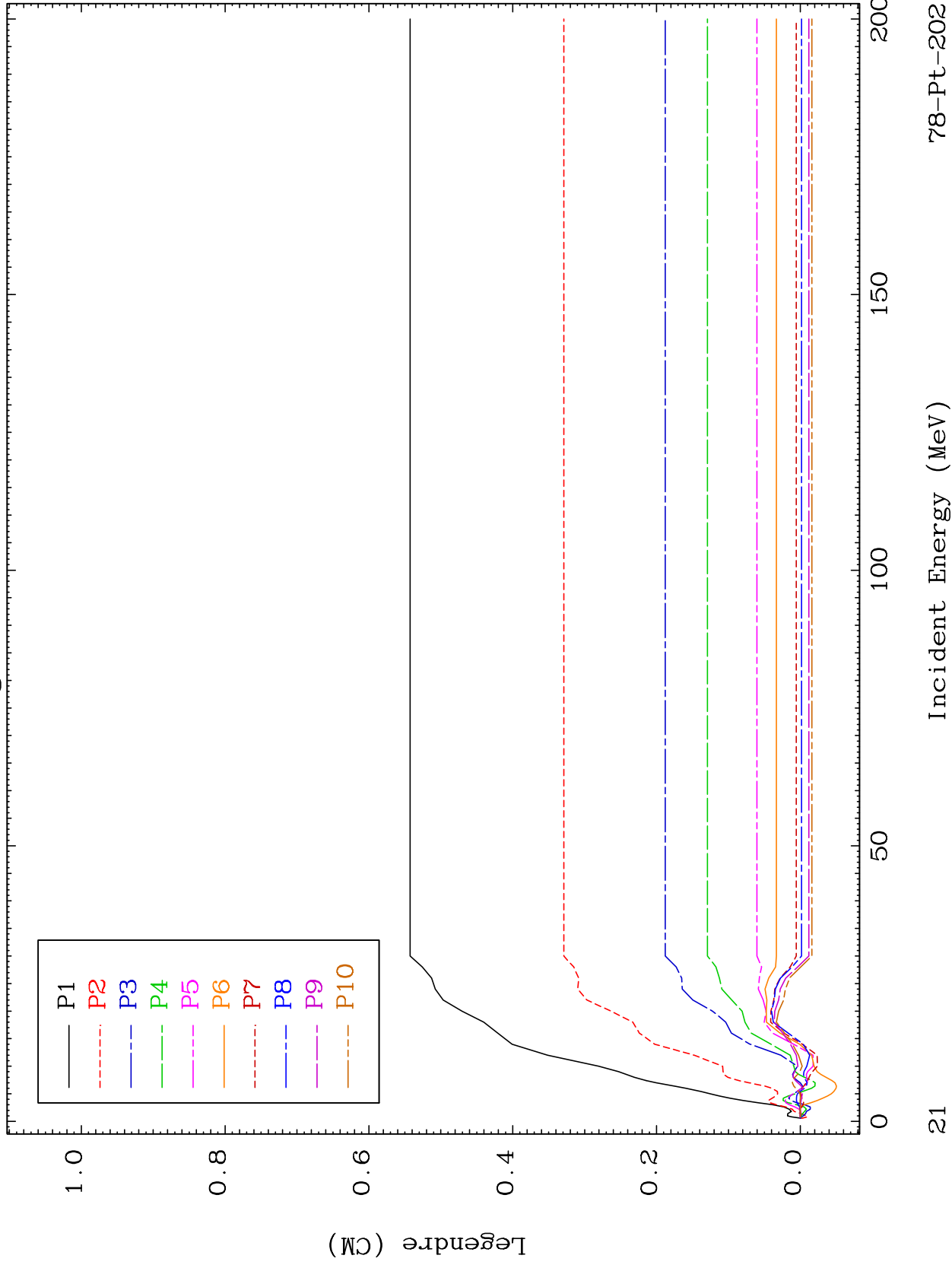
10 15 20 25 30
Incident Energy (MeV)
78-Pt-202



MAT 7861

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

78-Pt-202

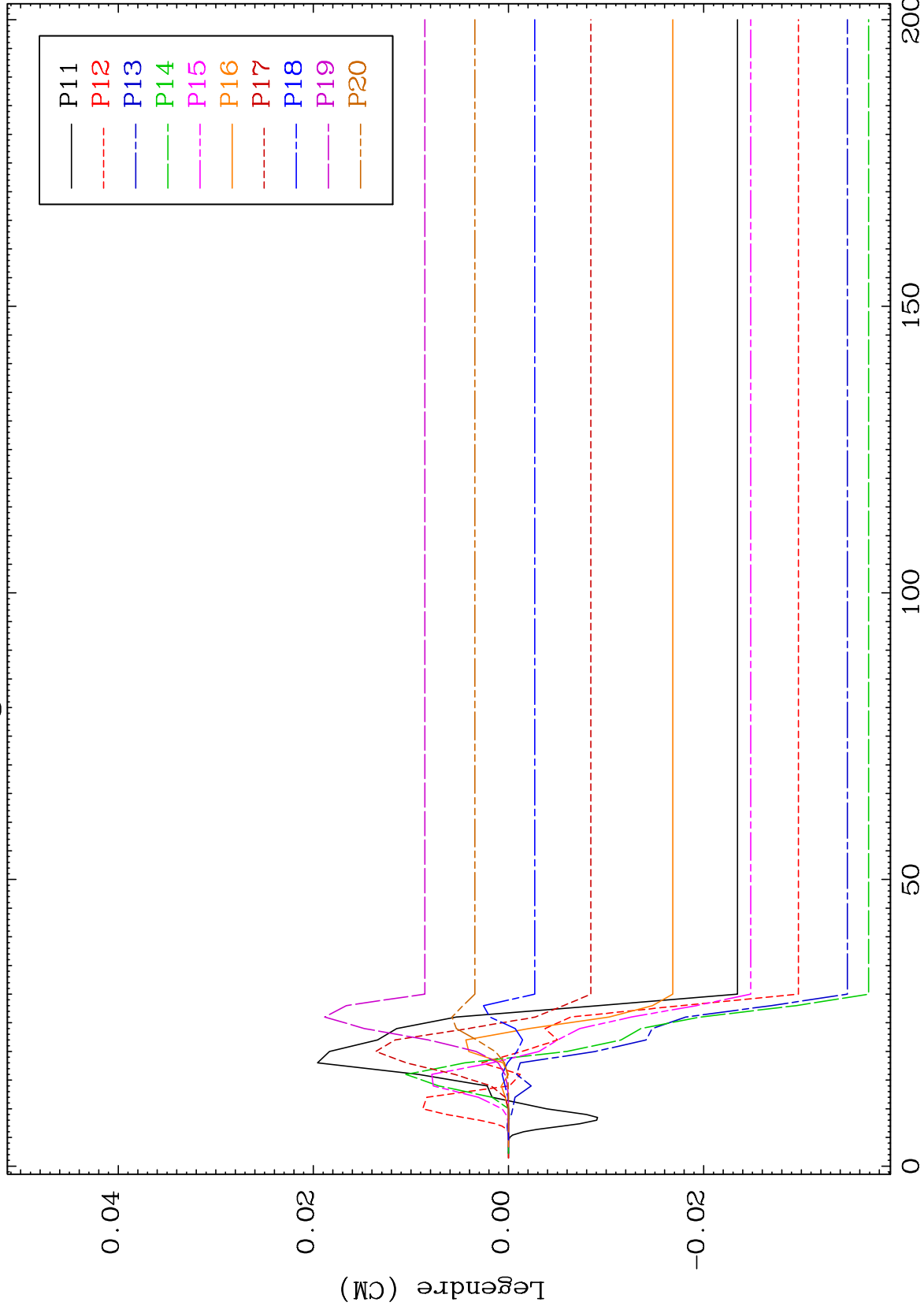


21

MAT 7861

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

78-Pt-202



22

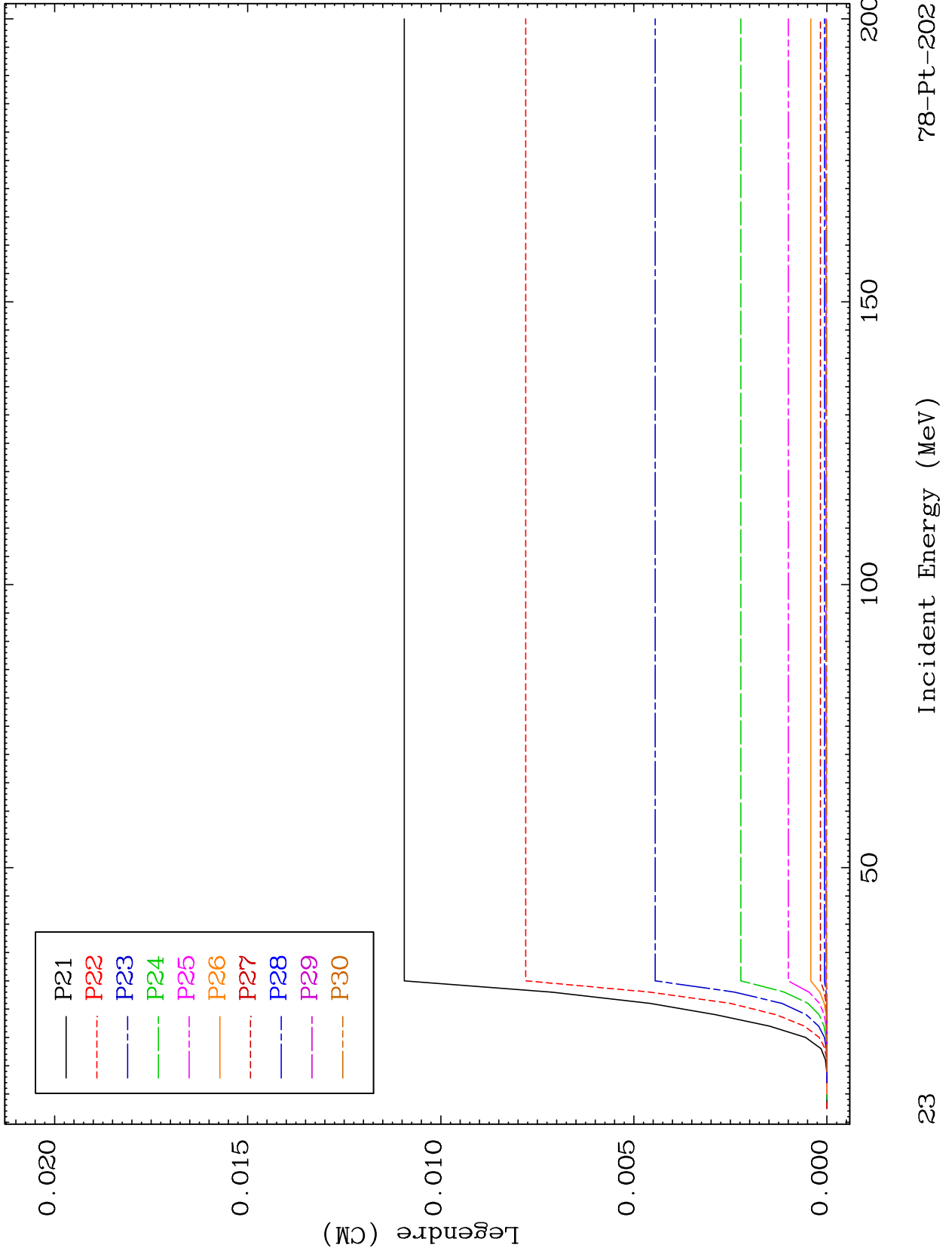
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

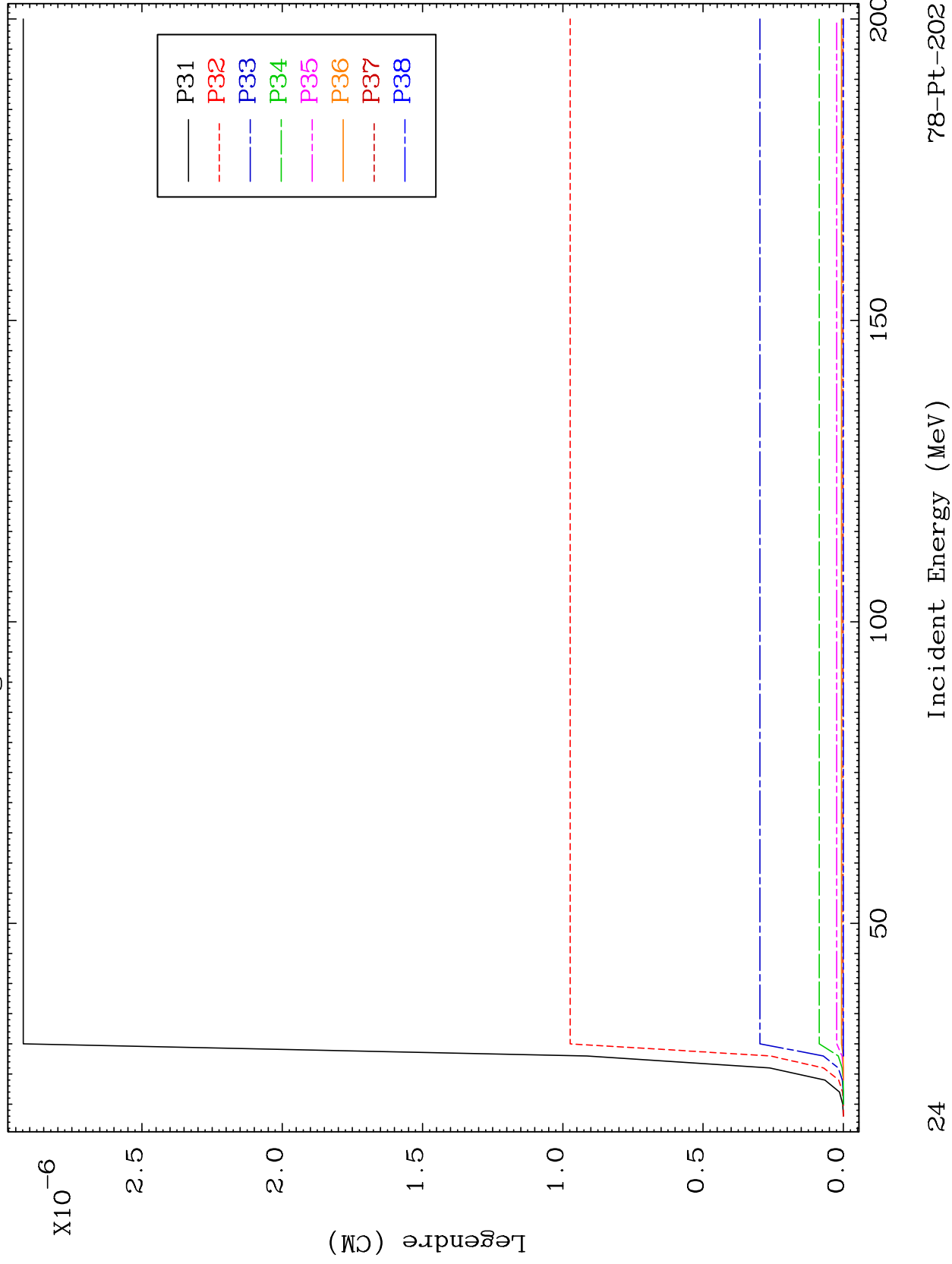
78-Pt-202



MAT 7861

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

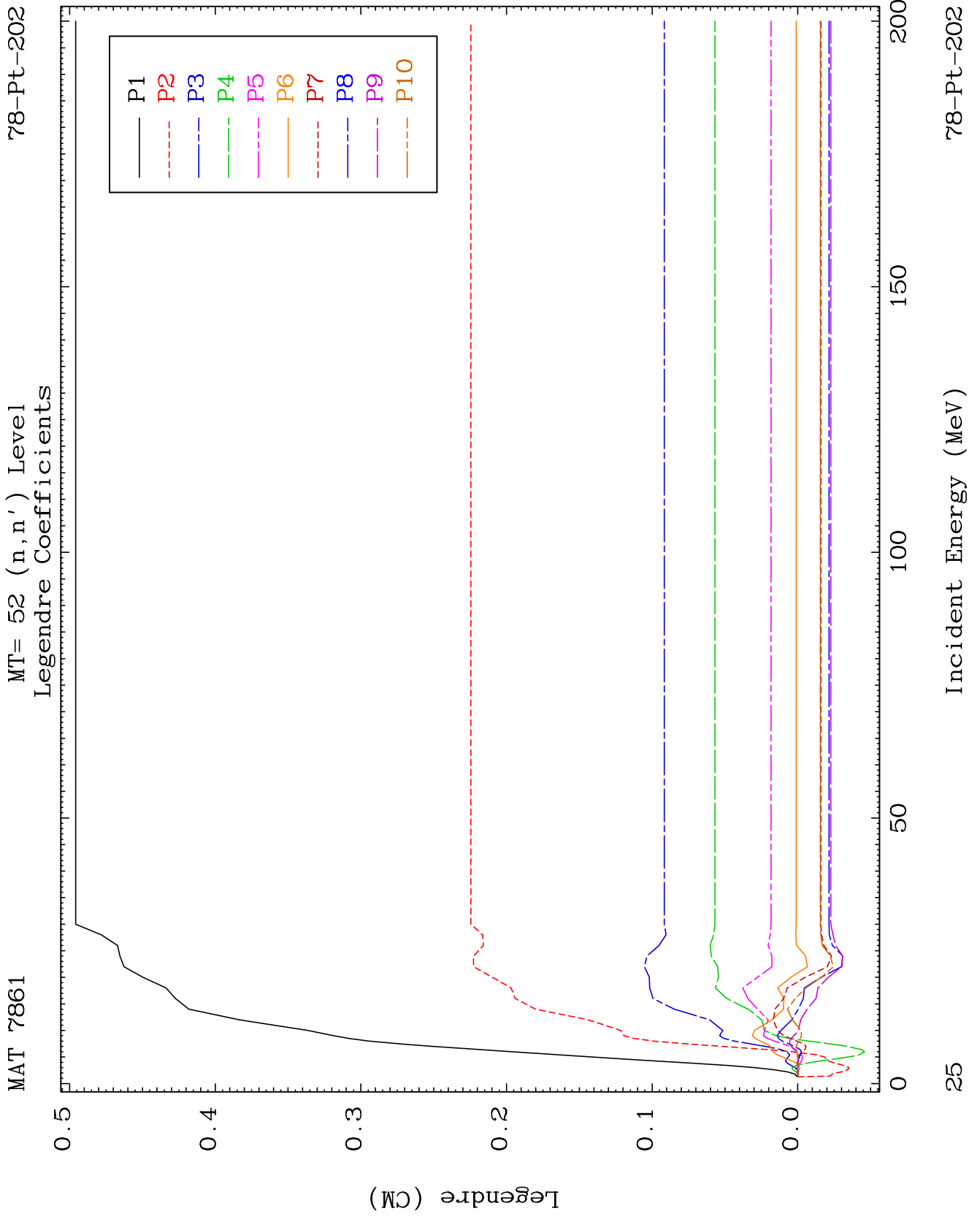
78-Pt-202



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Incident Energy (MeV)

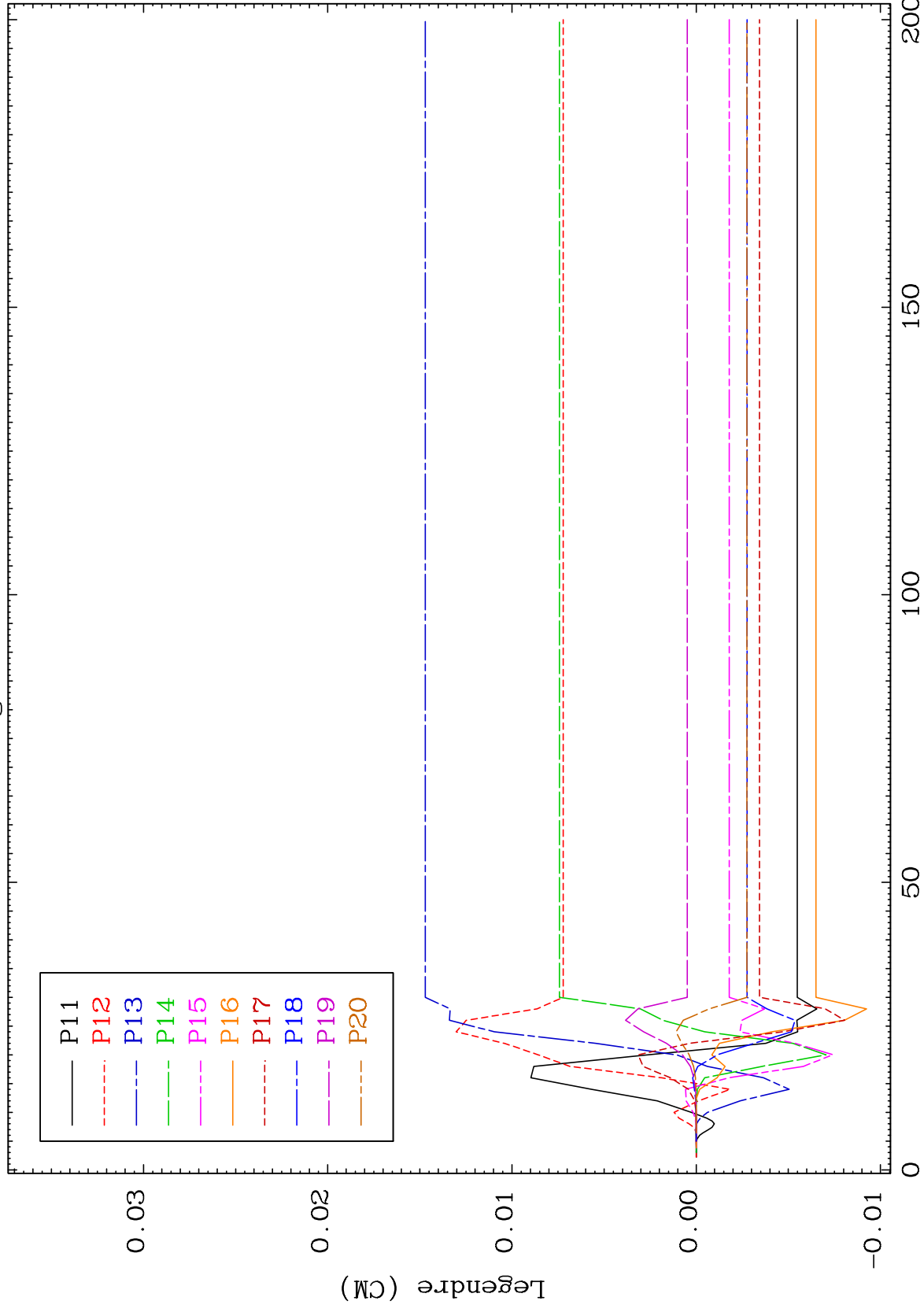
78-Pt-202



MAT 7861

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

78-Pt-202



26

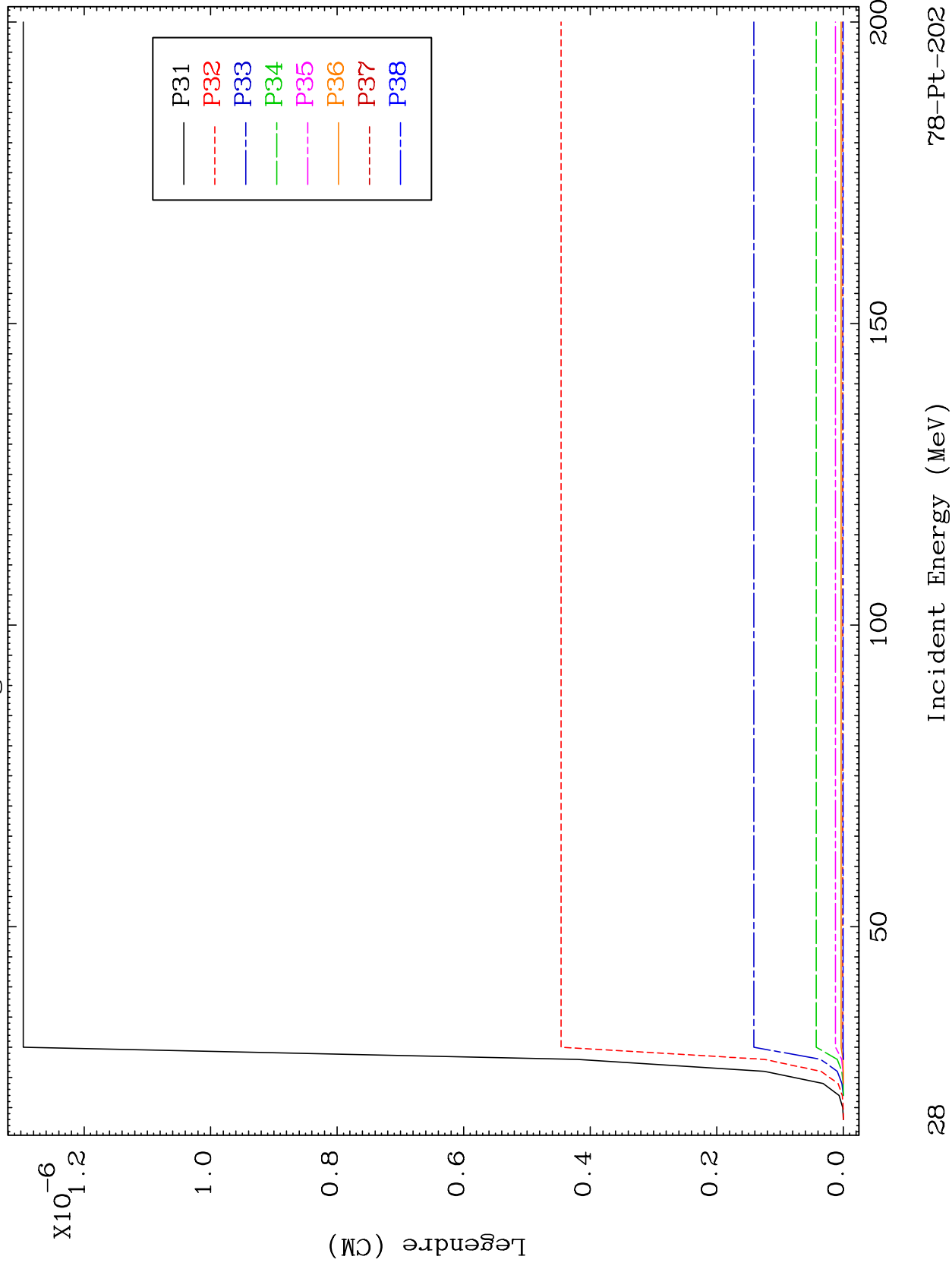
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202

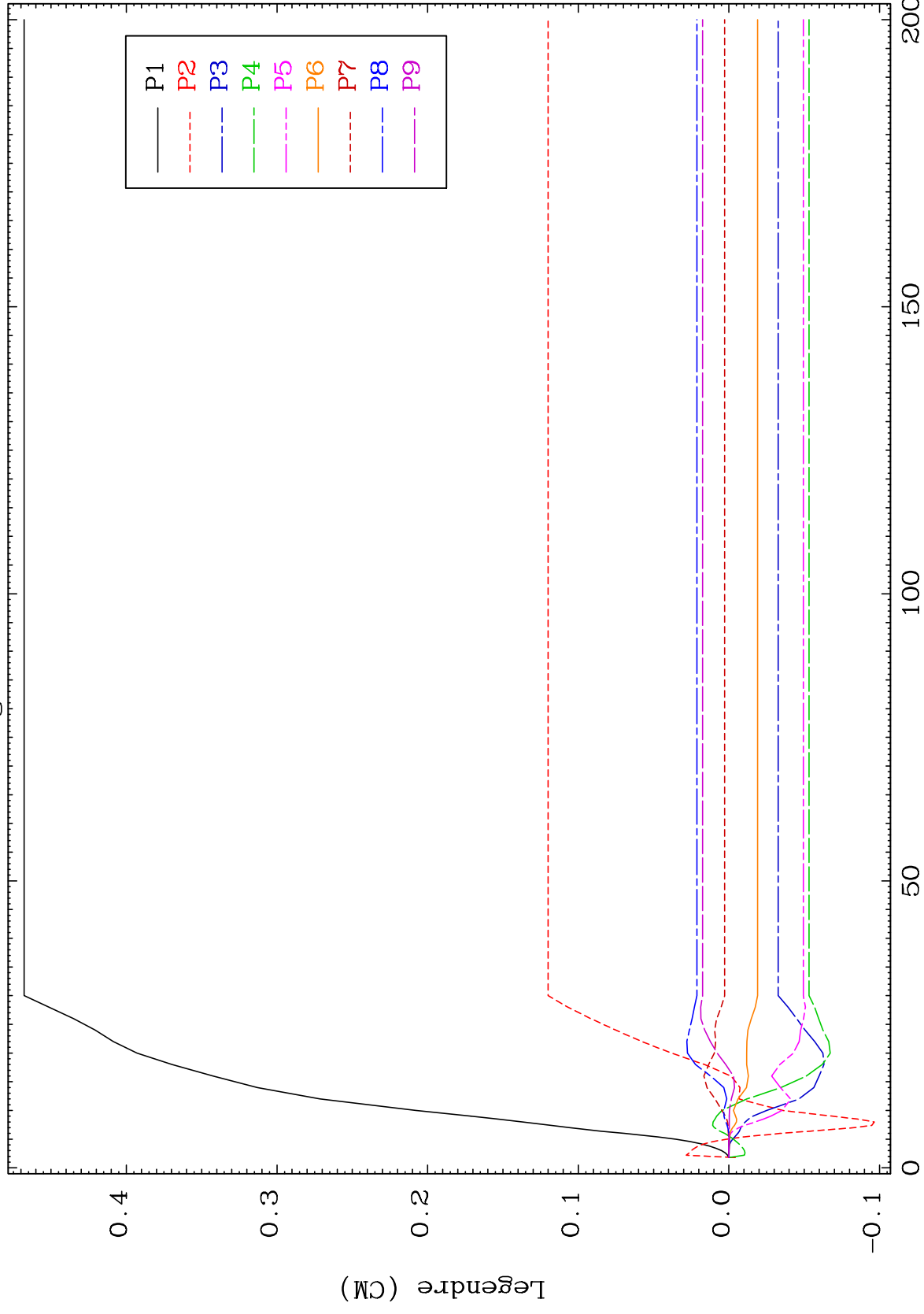


28

MAT 7861

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

78-Pt-202



29

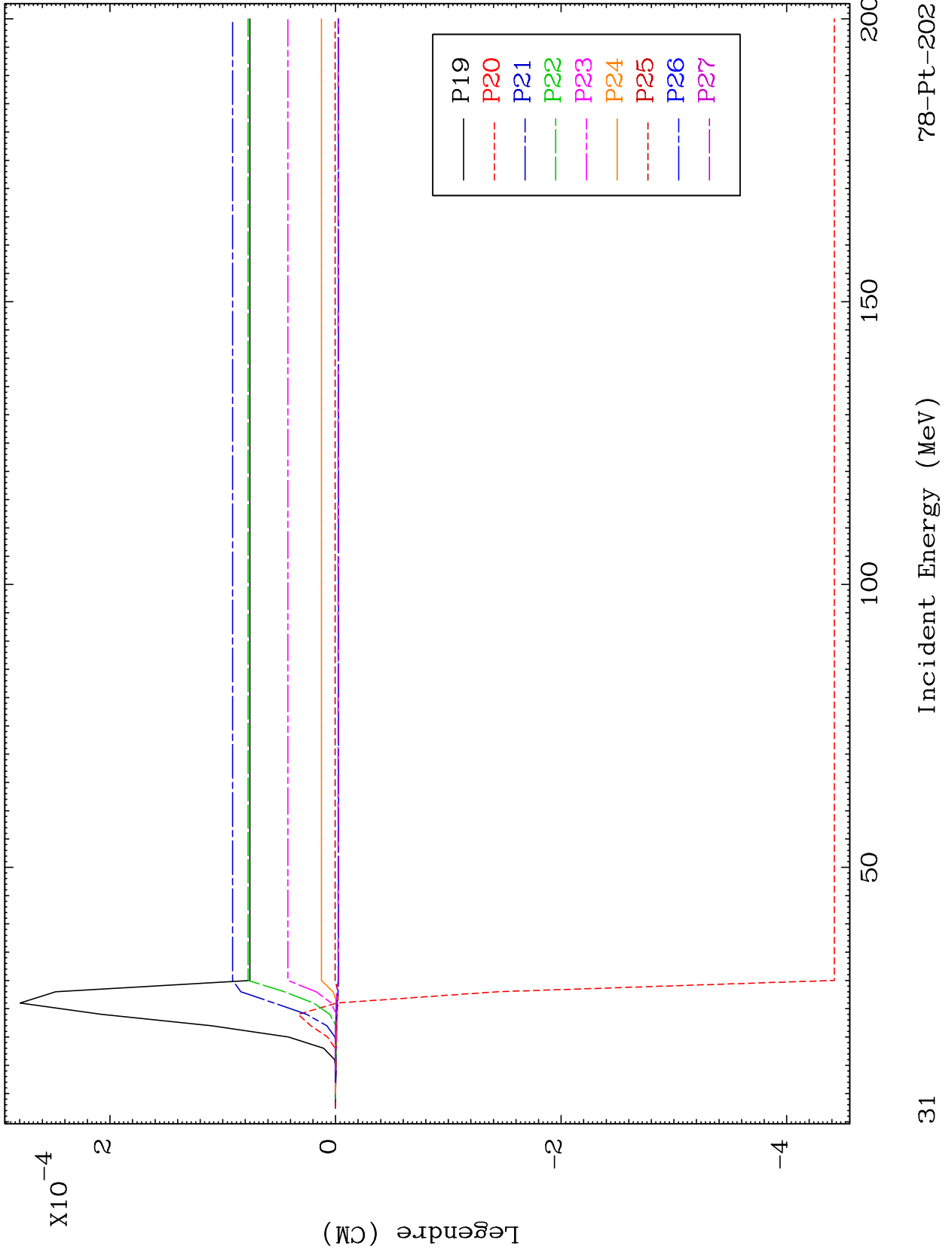
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

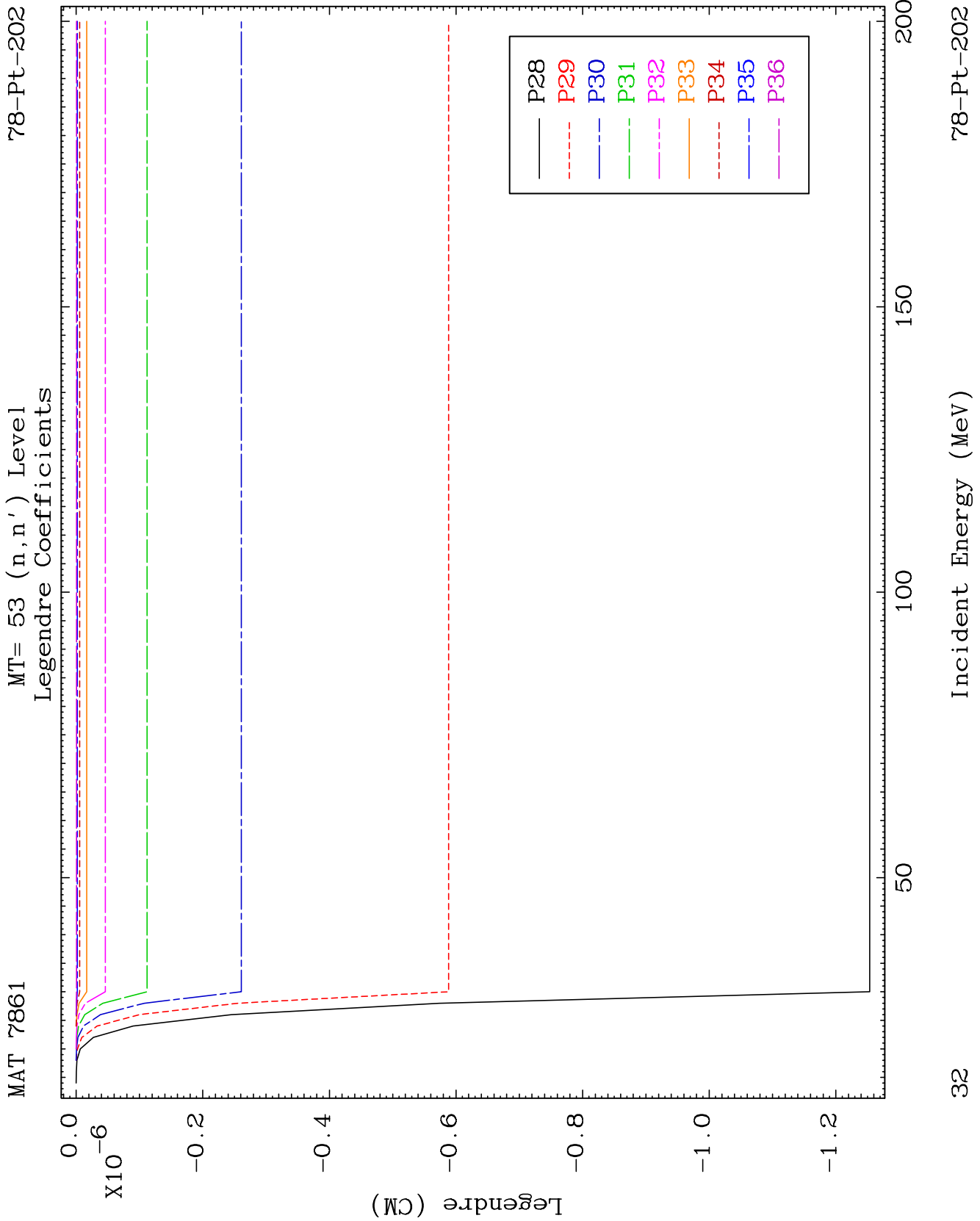
78-Pt-202



31

Incident Energy (MeV)

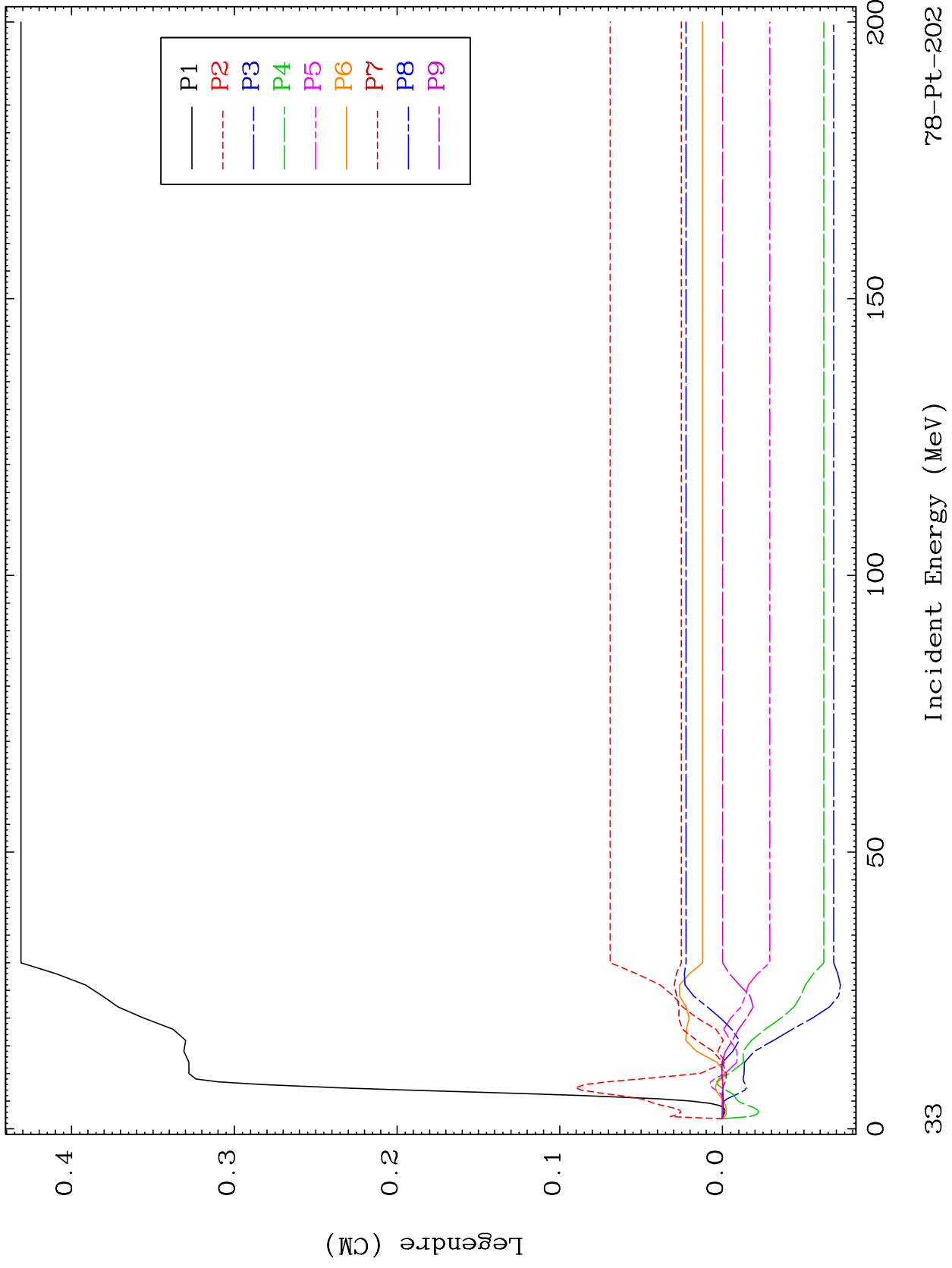
78-Pt-202



MAT 7861

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

78-Pt-202



33

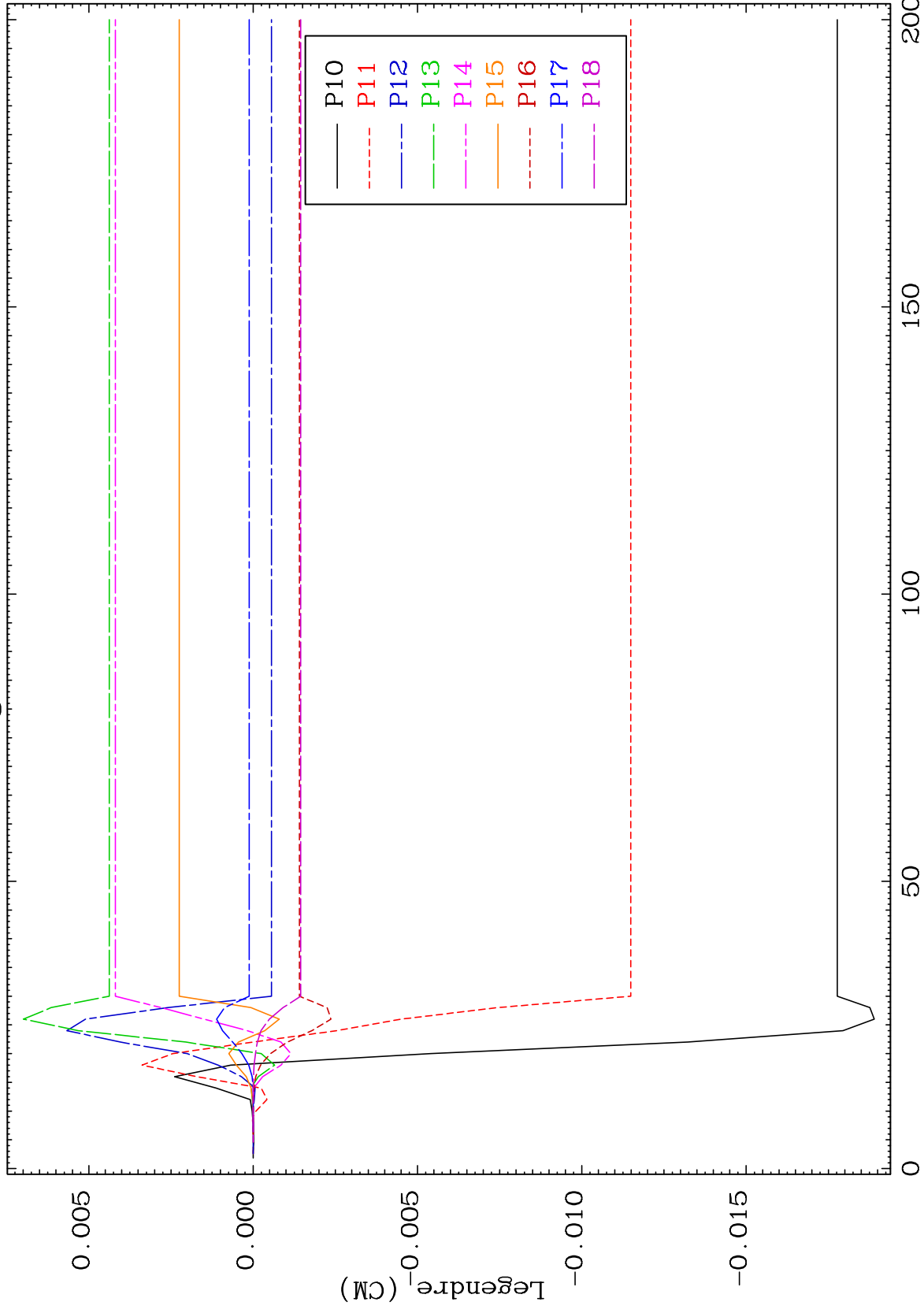
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



34

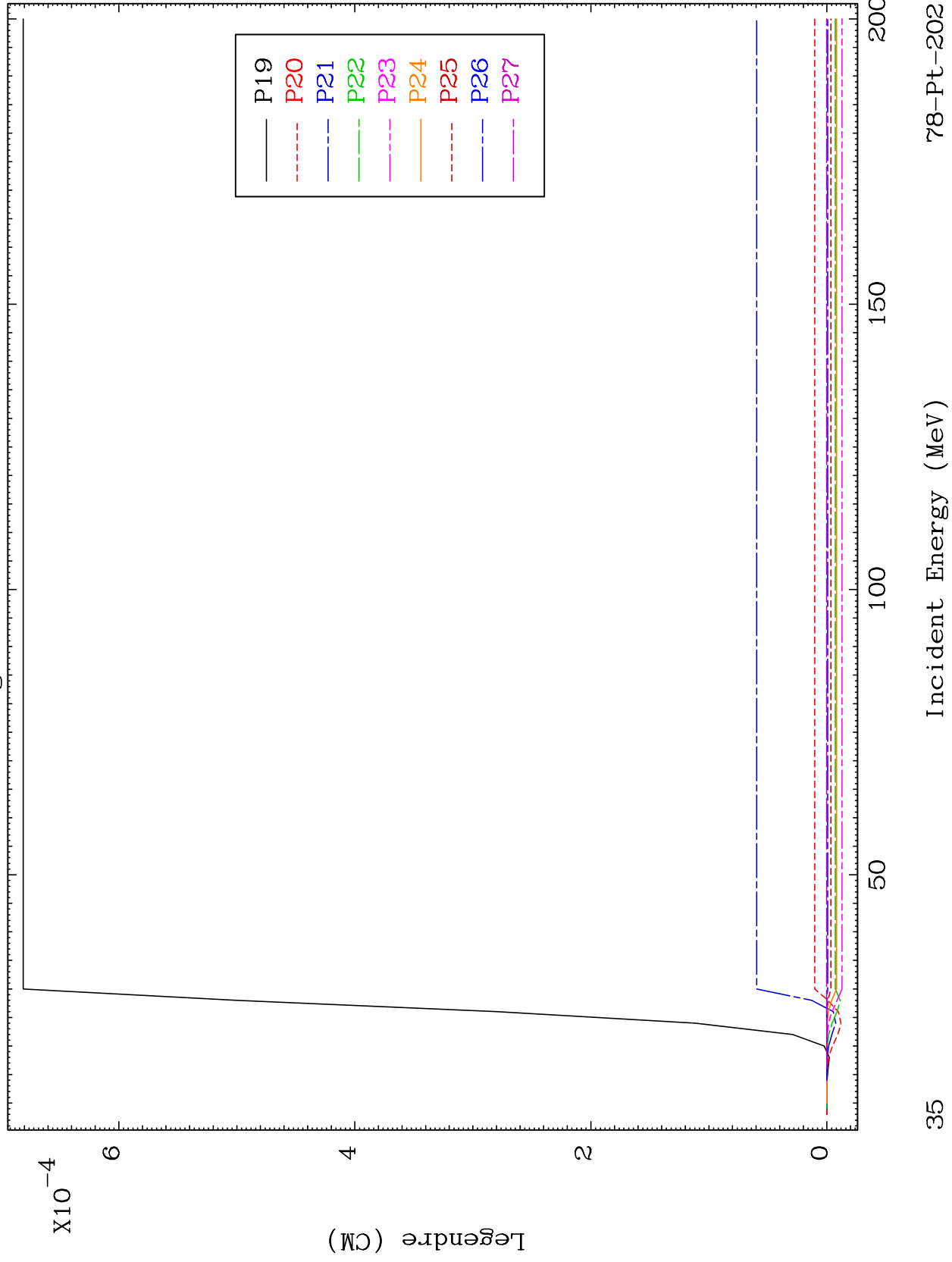
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



35

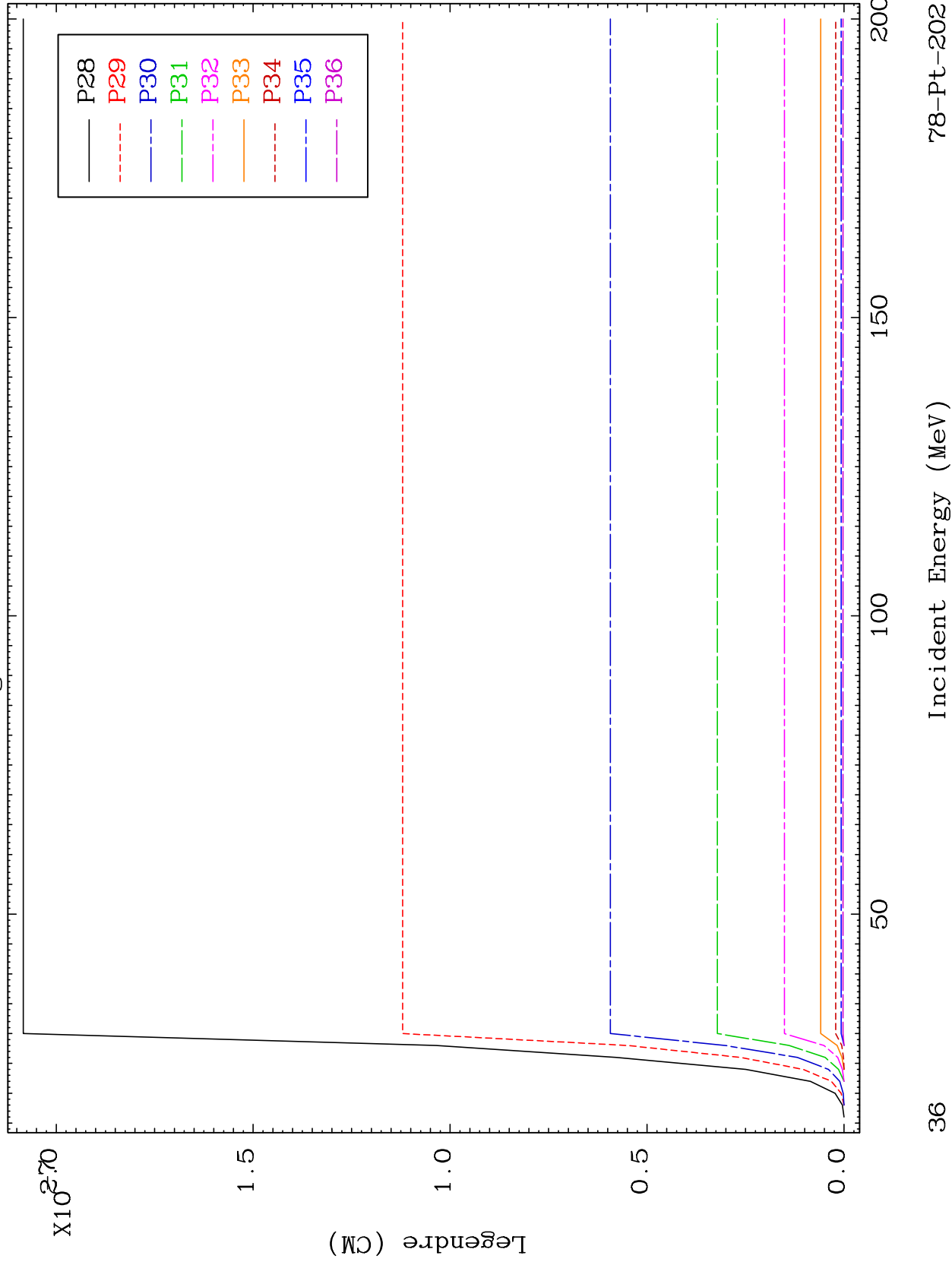
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

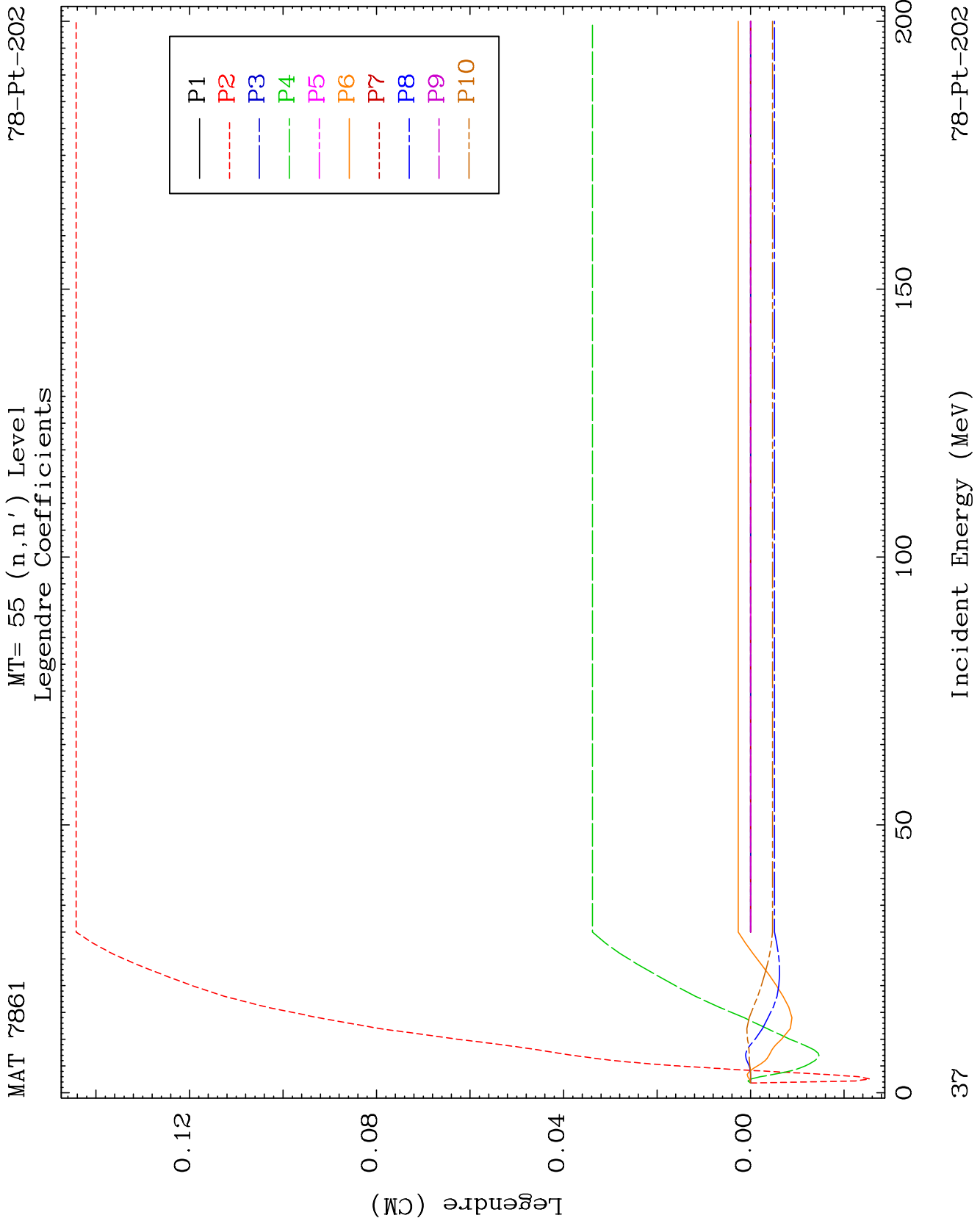
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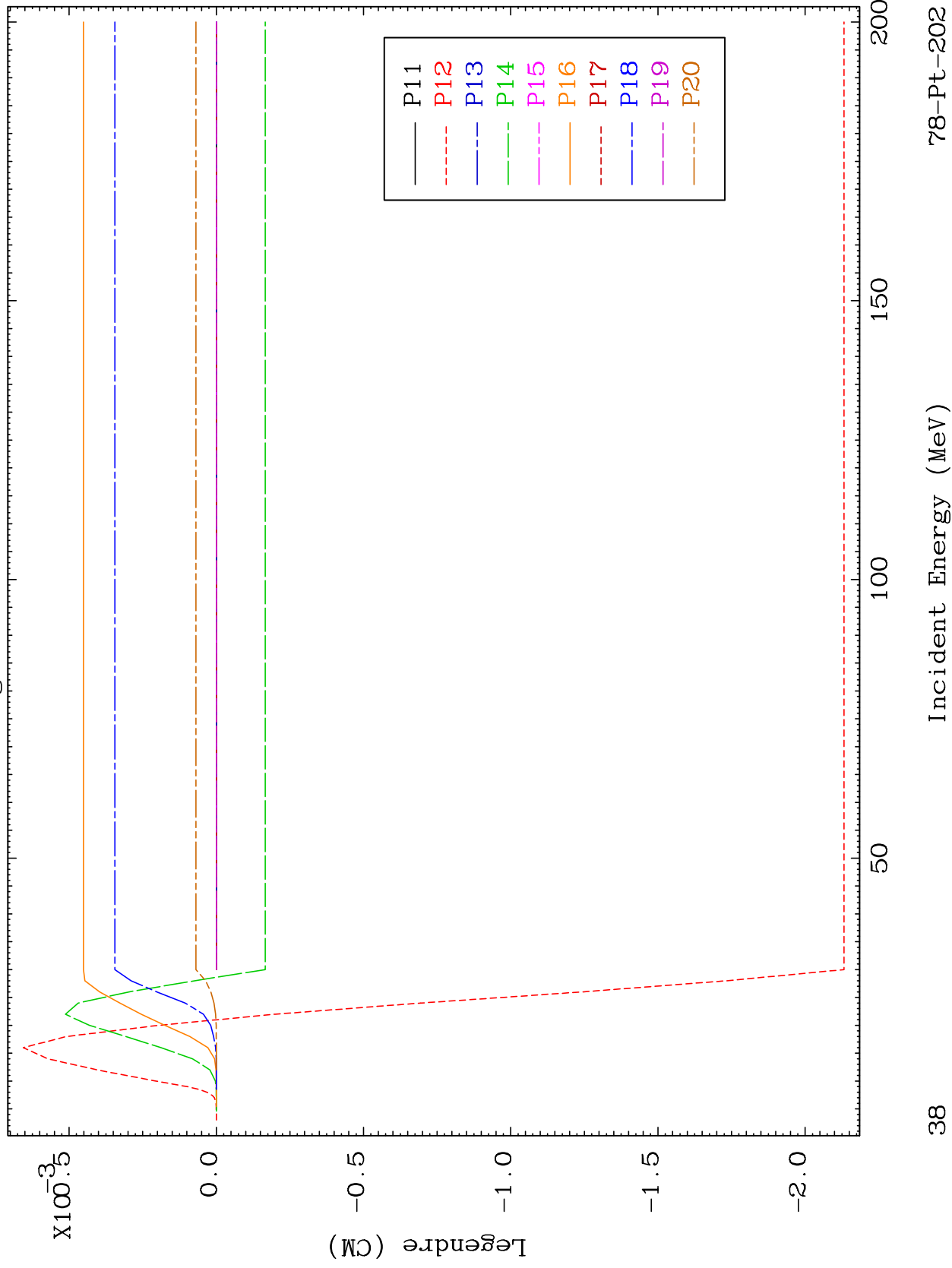


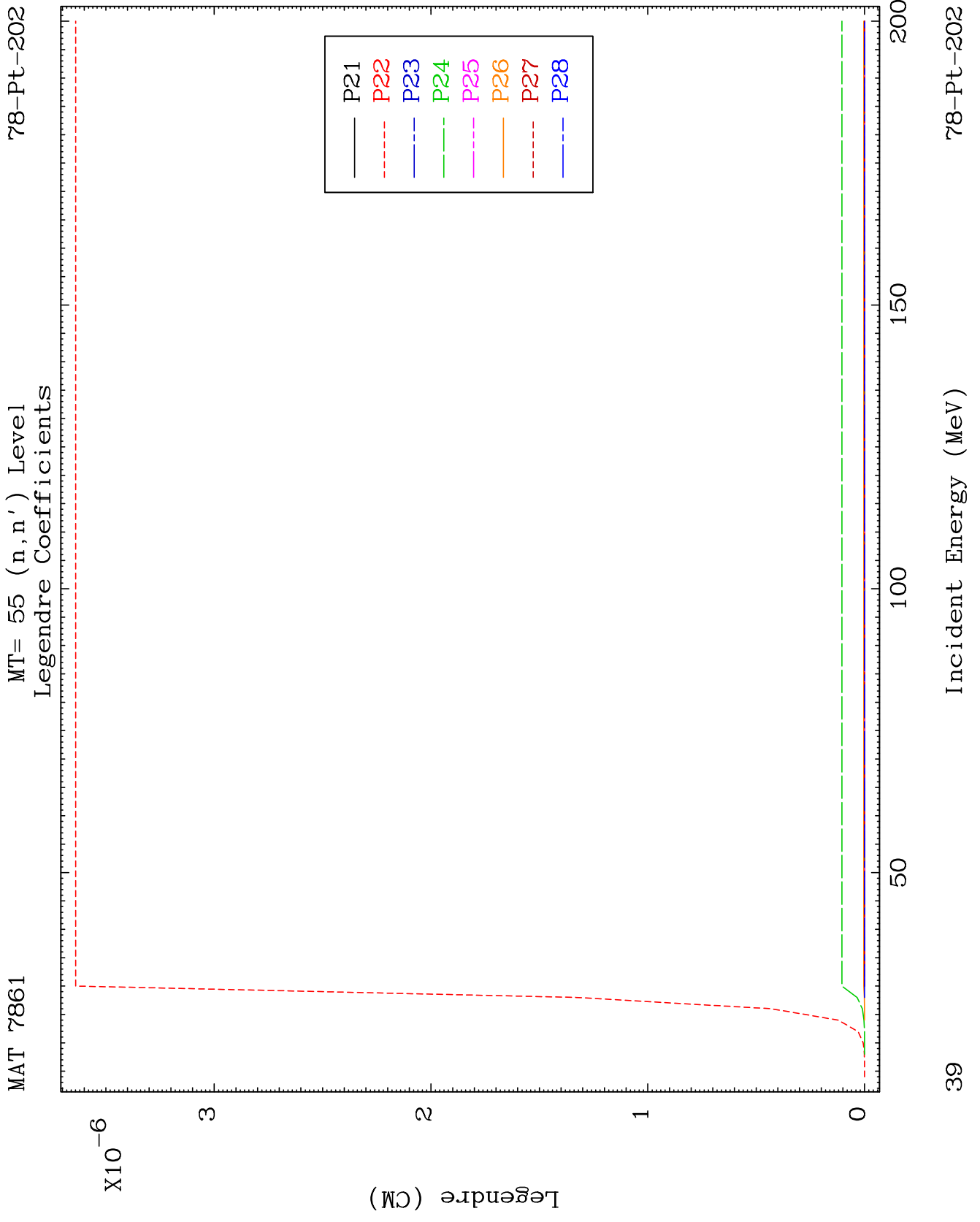
36

Incident Energy (MeV)

78-Pt-202



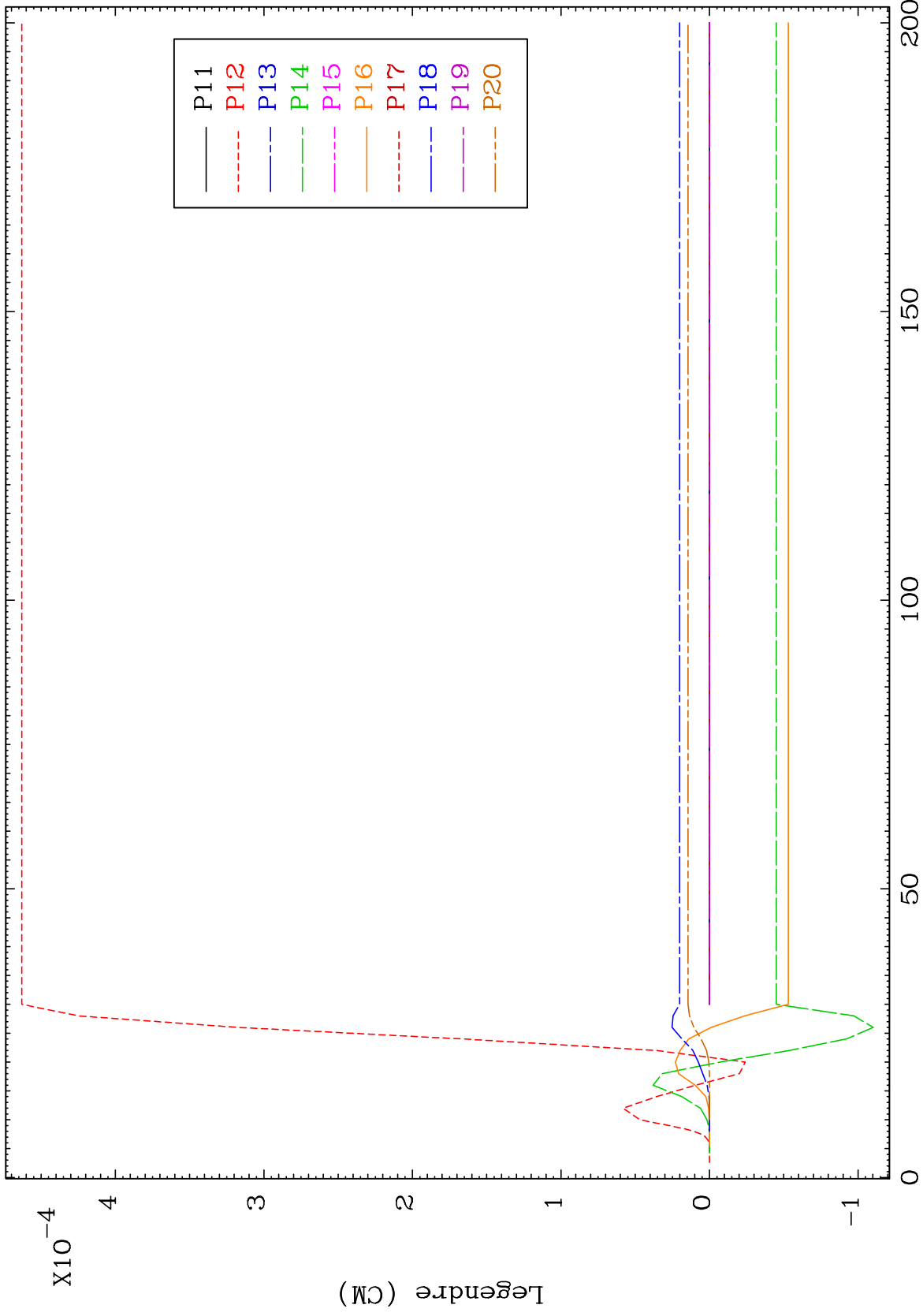




MAT 7861

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

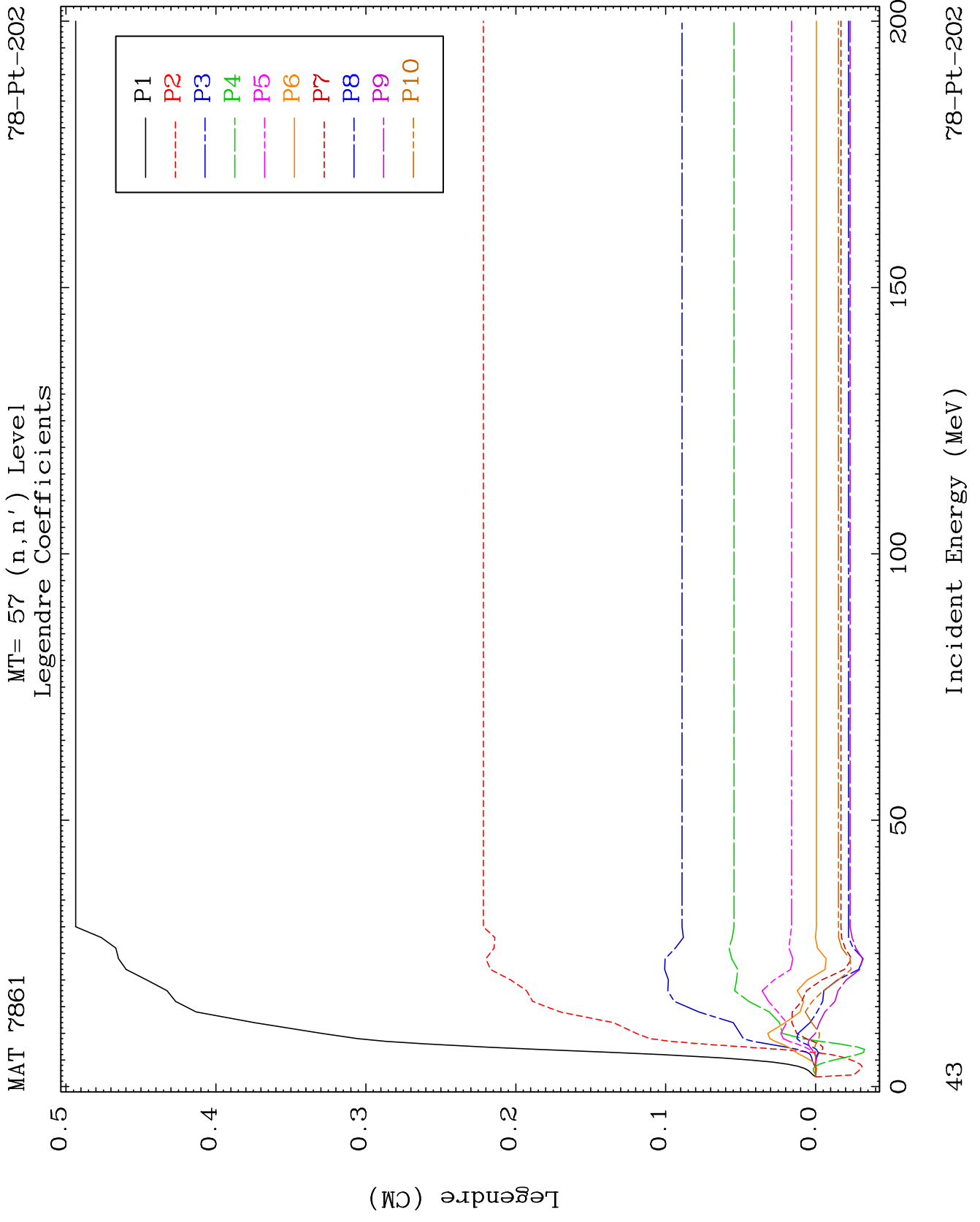
78-Pt-202



41

Incident Energy (MeV)

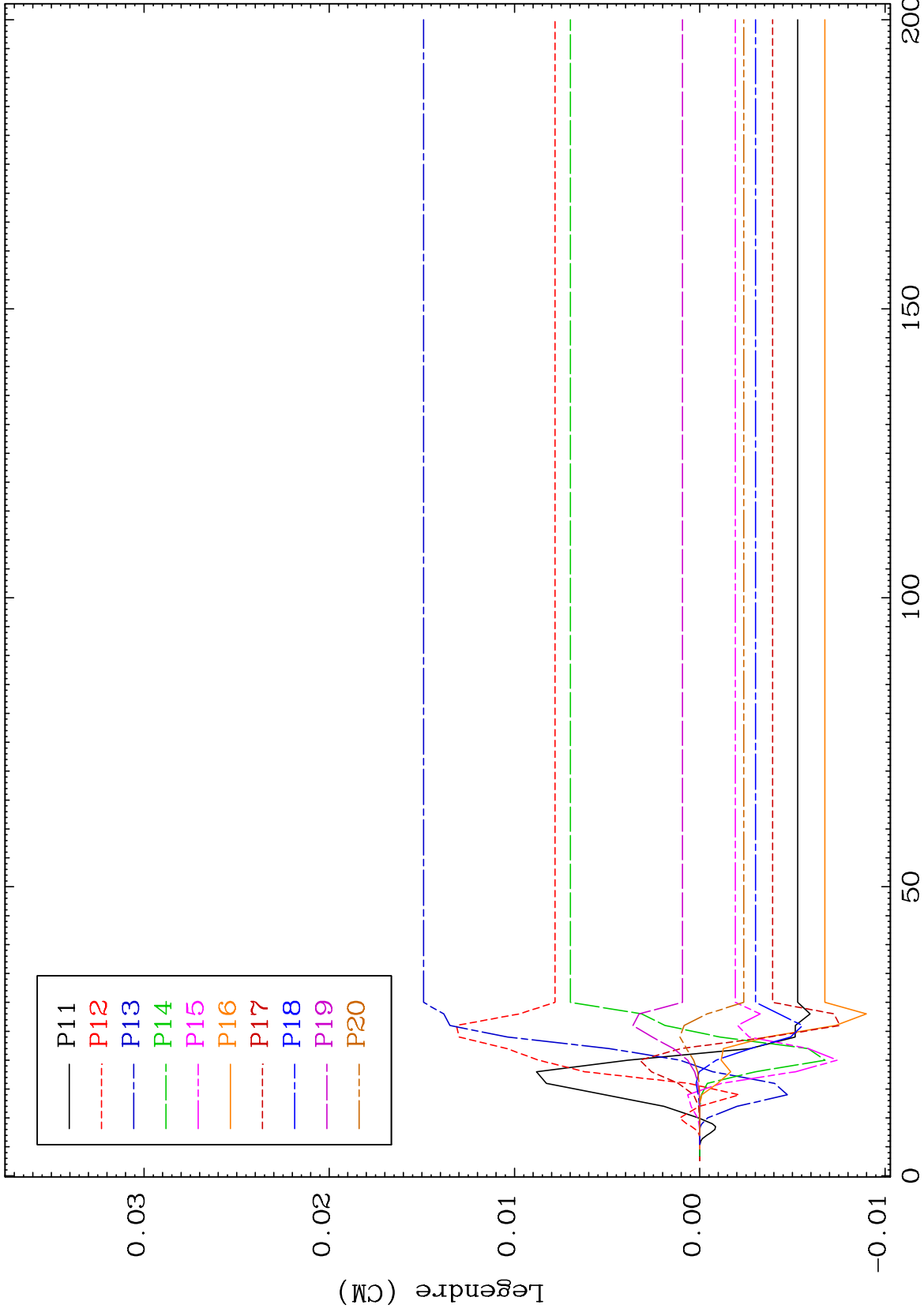
78-Pt-202



MAT 7861

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

78-Pt-202



44

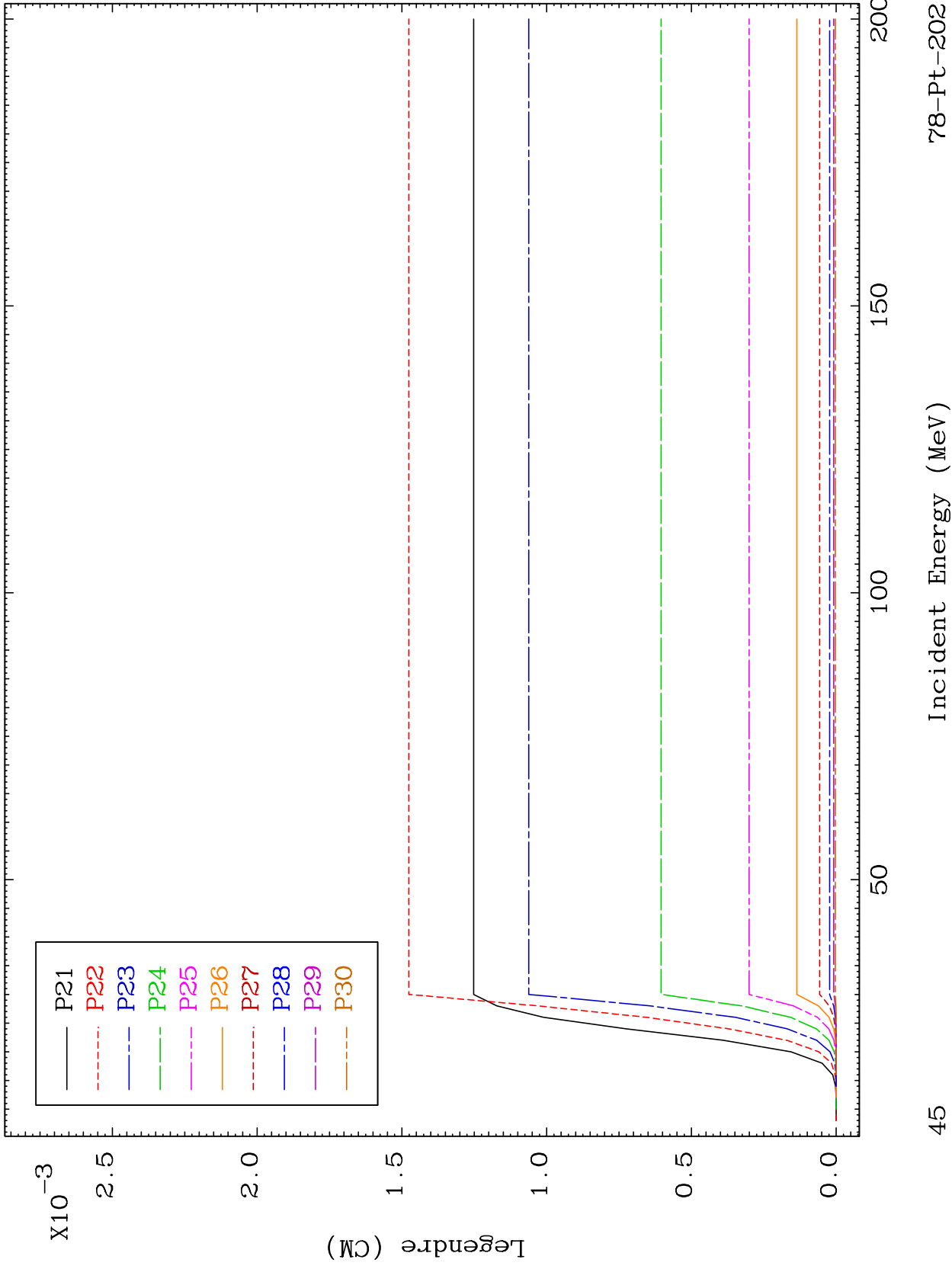
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



45

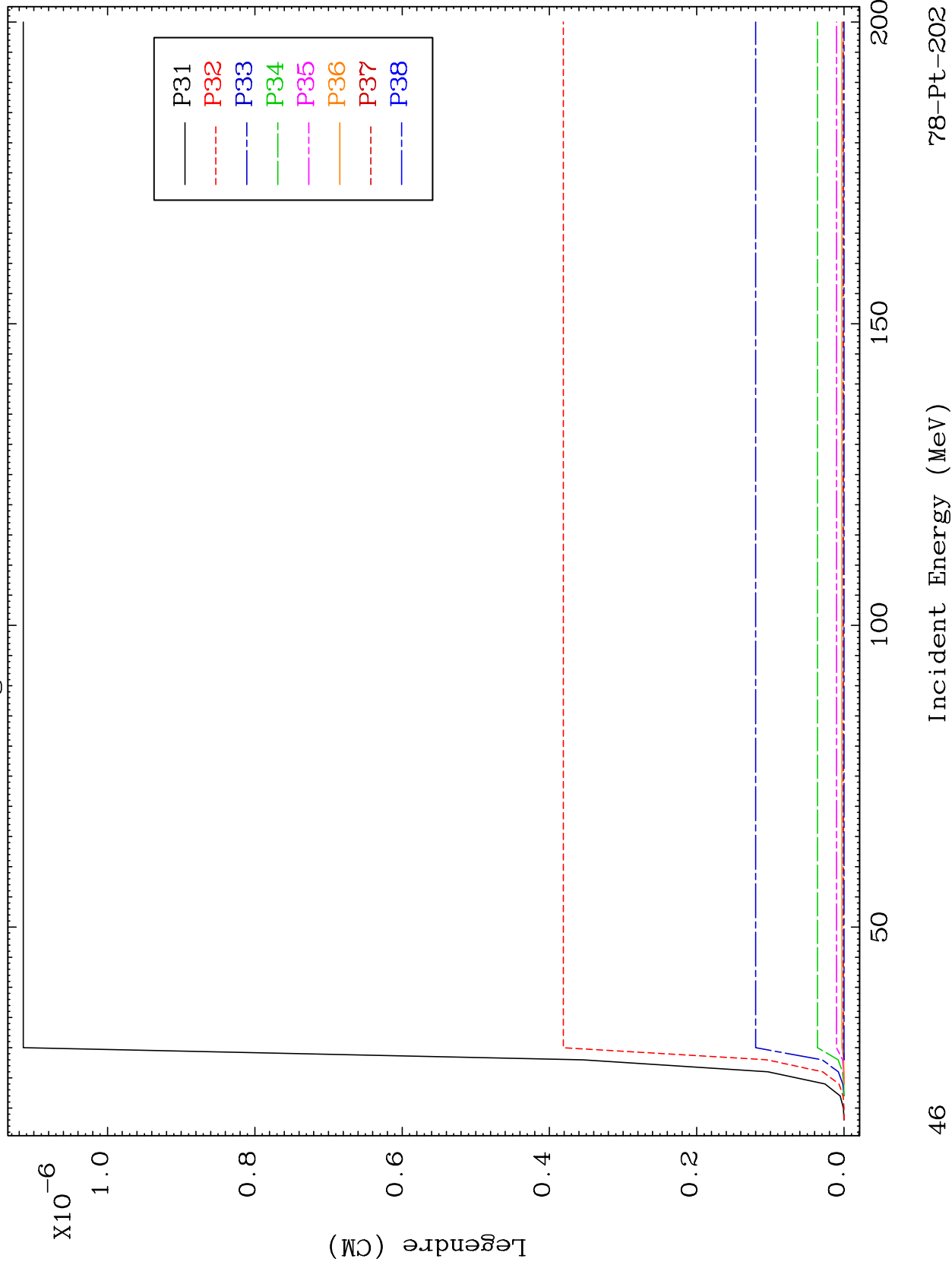
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



46

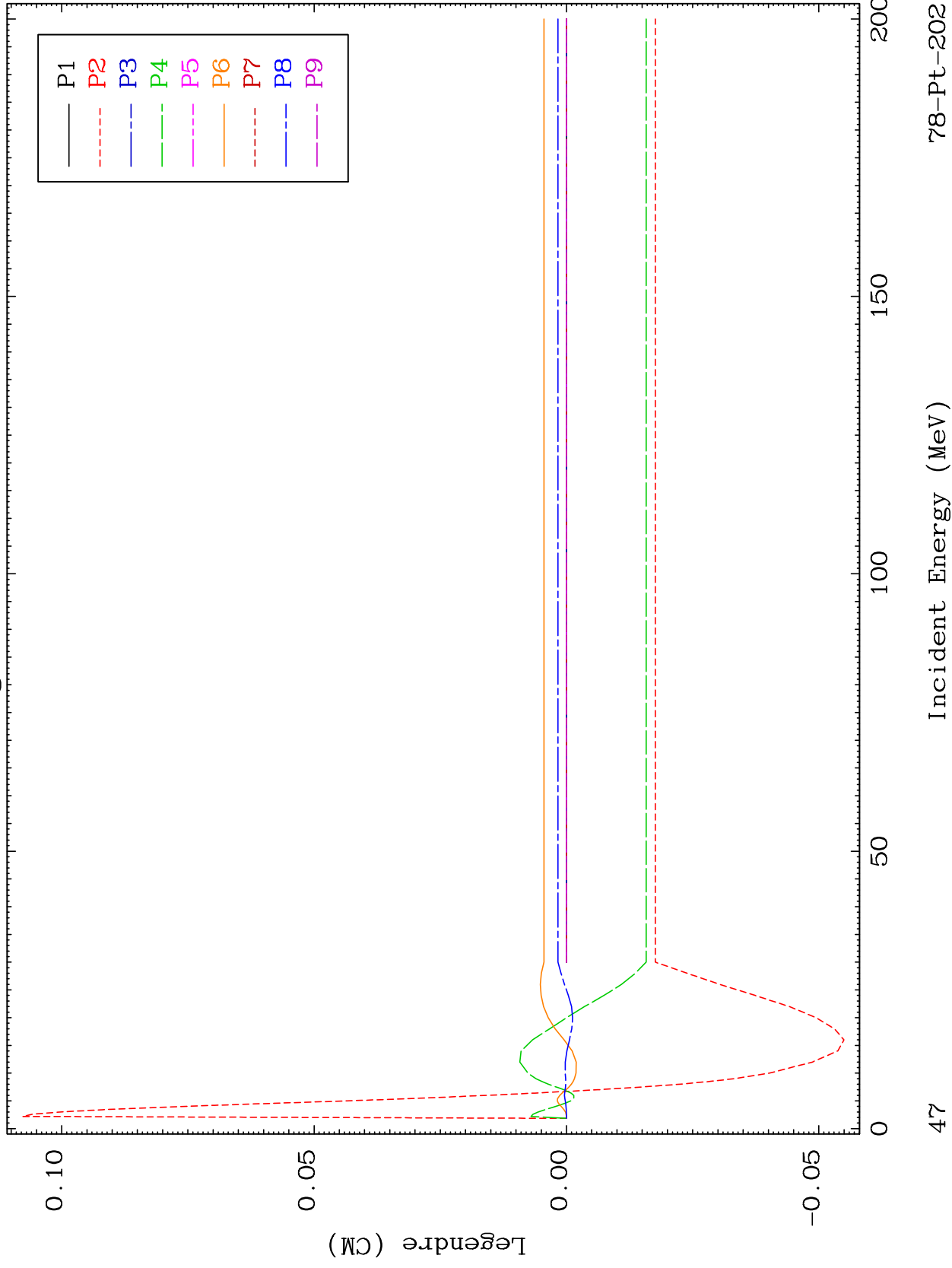
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



78-Pt-202

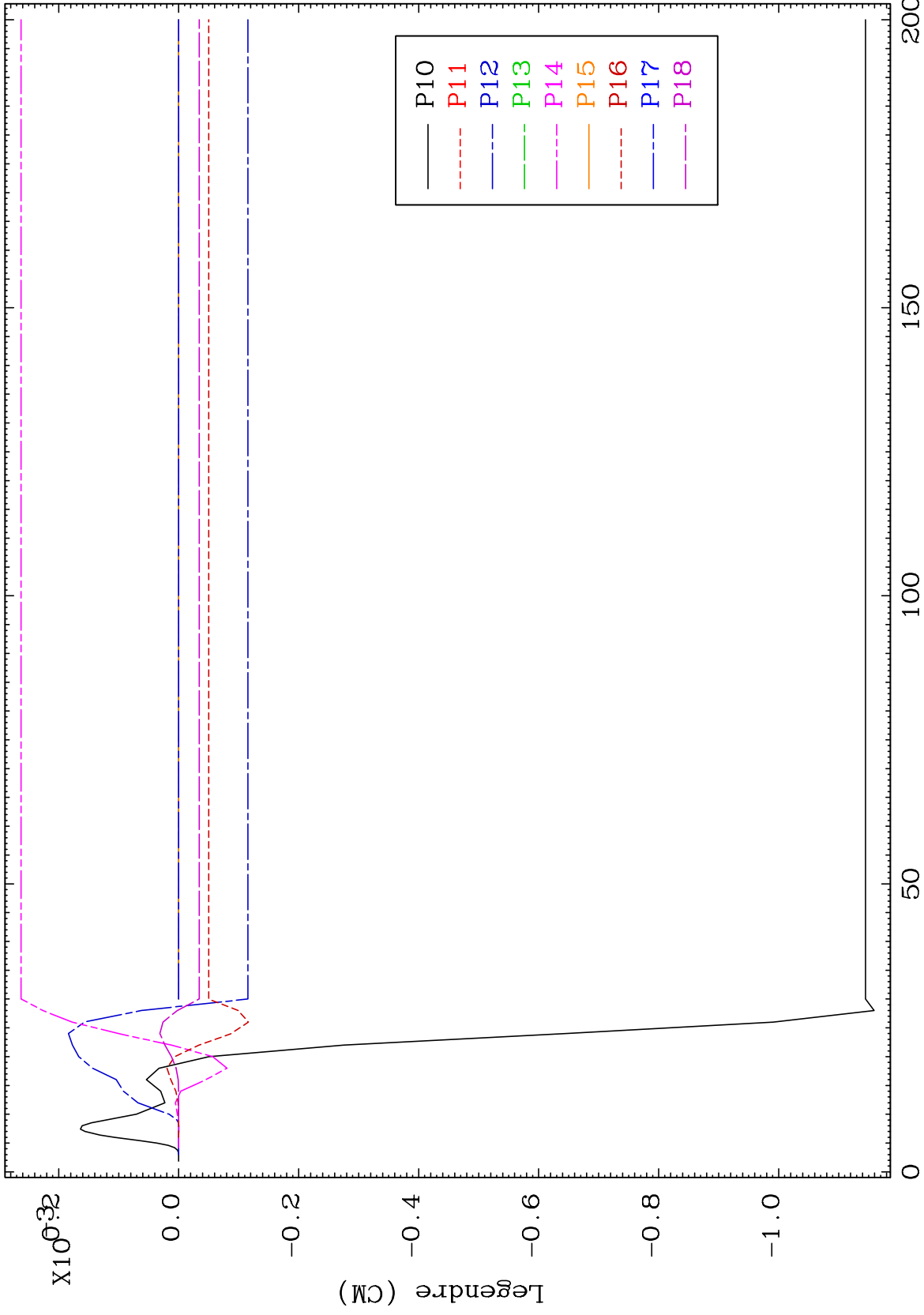
Incident Energy (MeV)

47

MAT 7861

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

78-Pt-202



48

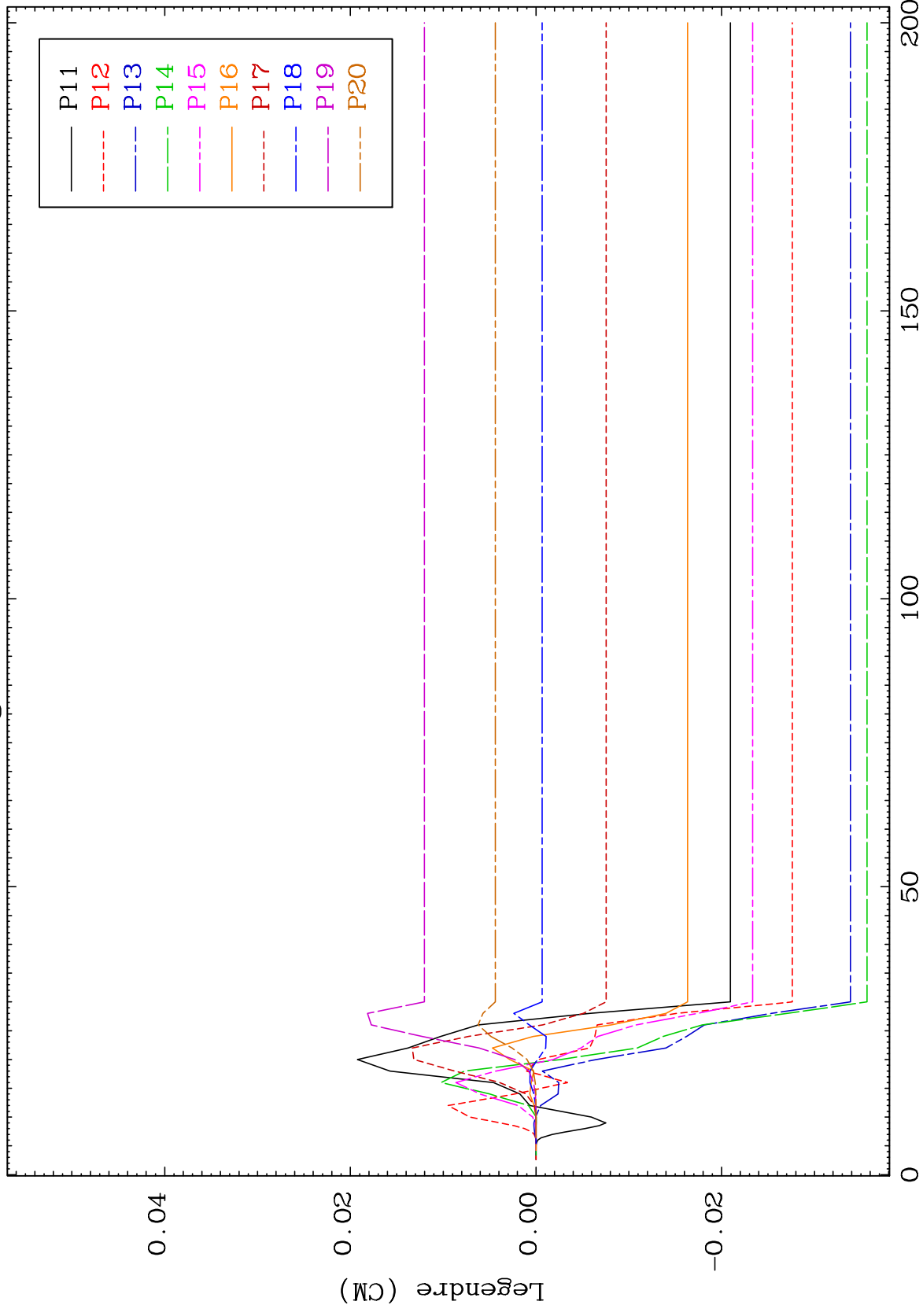
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



51

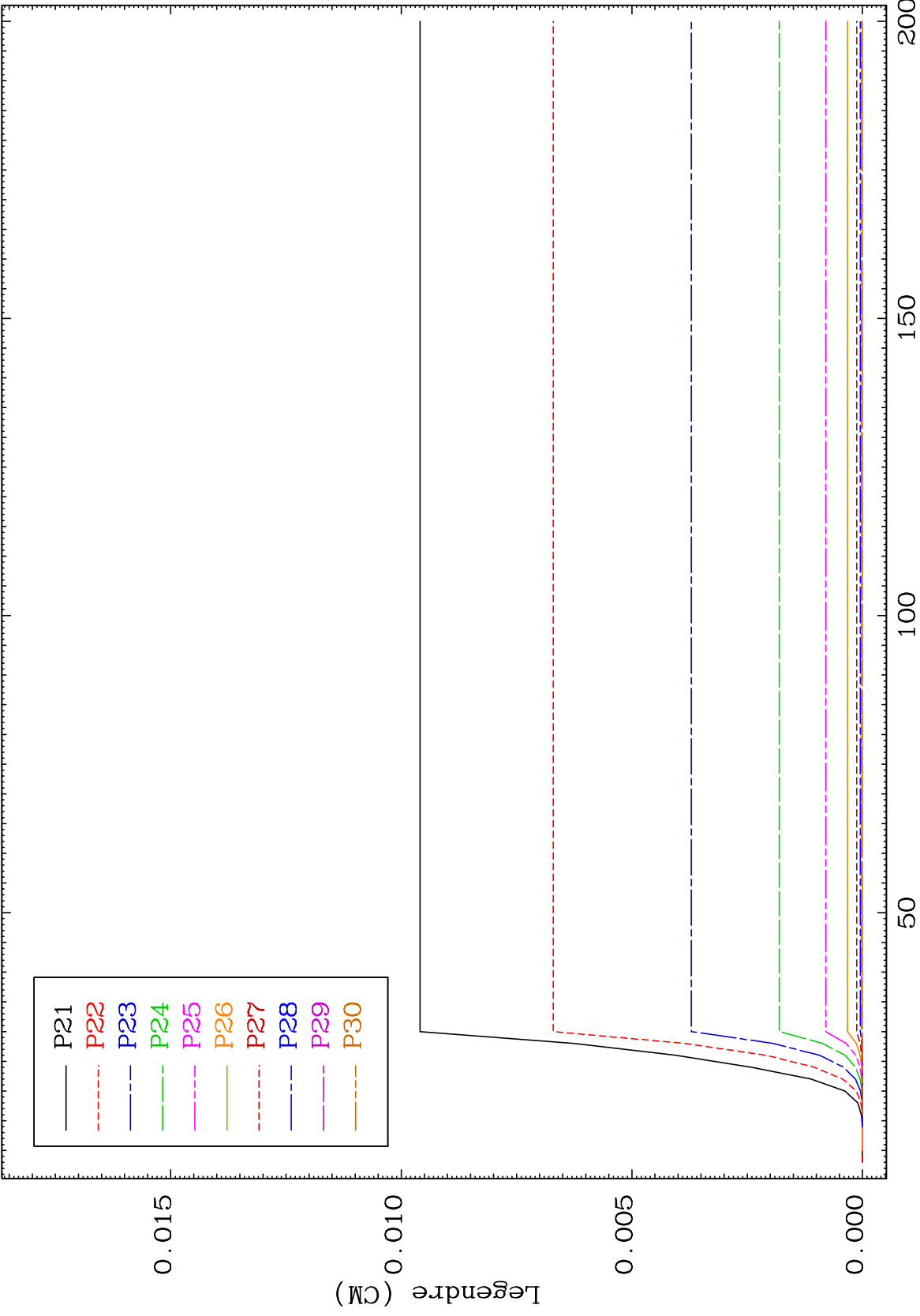
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



52

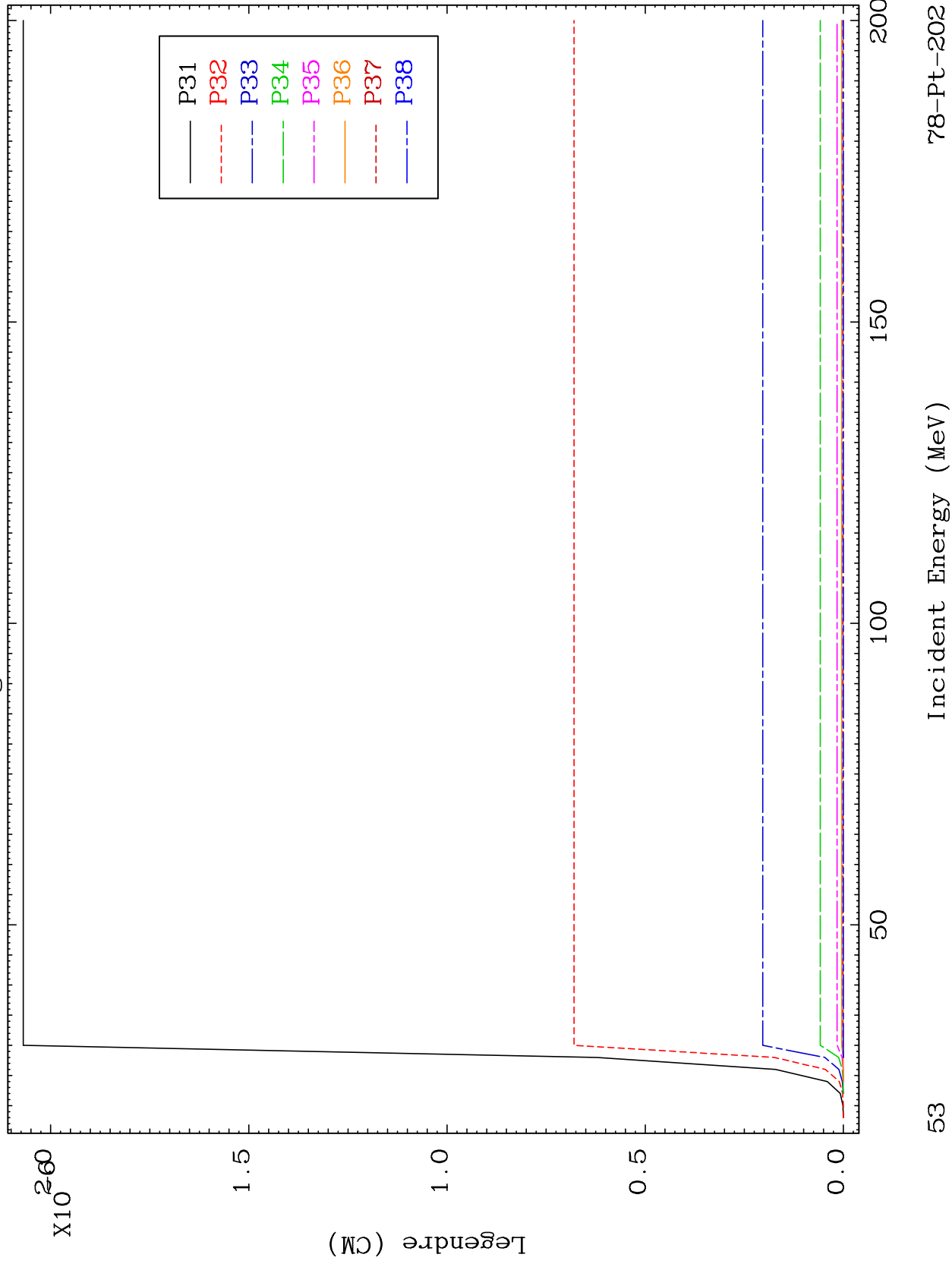
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

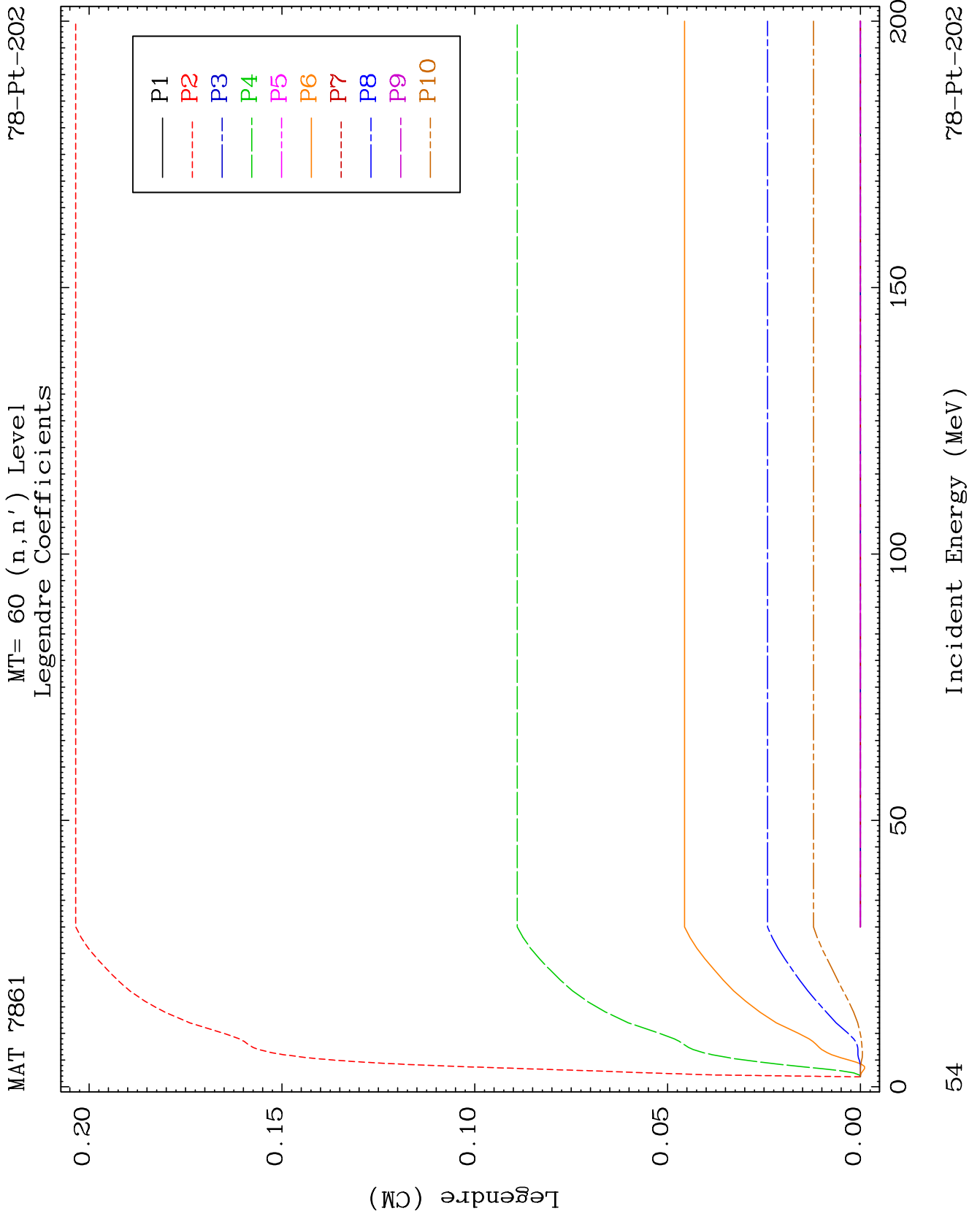
78-Pt-202



53

Incident Energy (MeV)

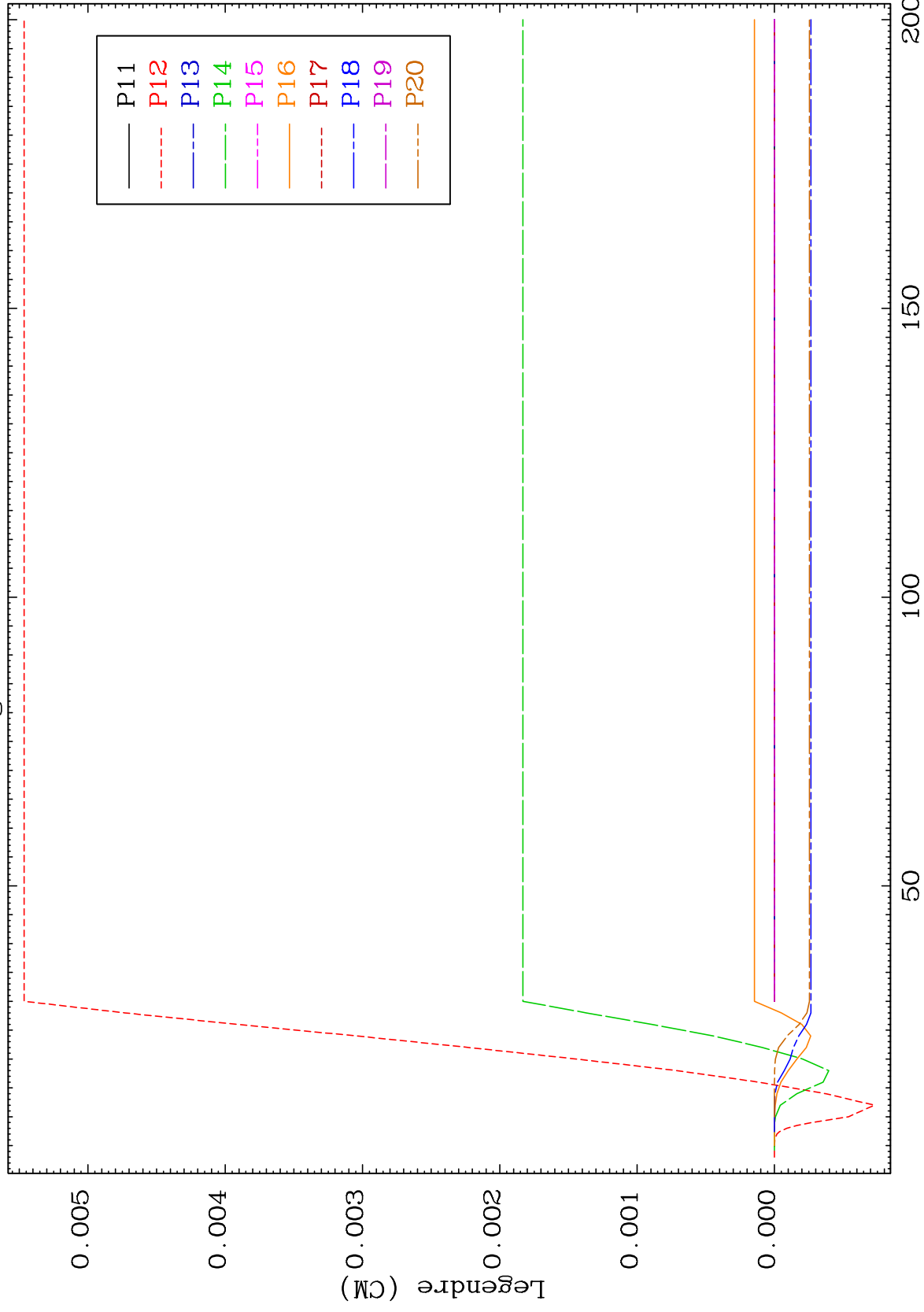
78-Pt-202



MAT 7861

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

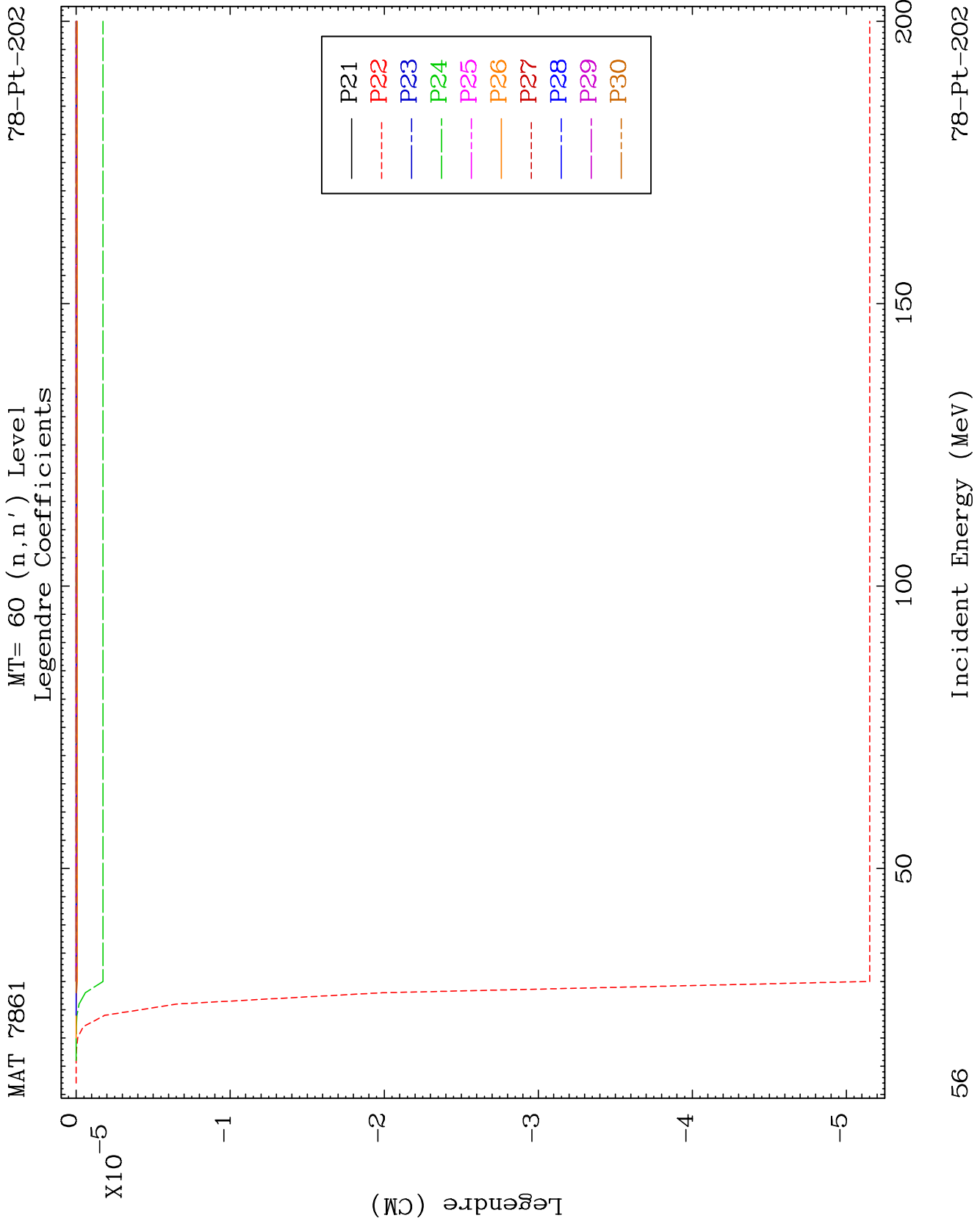
78-Pt-202

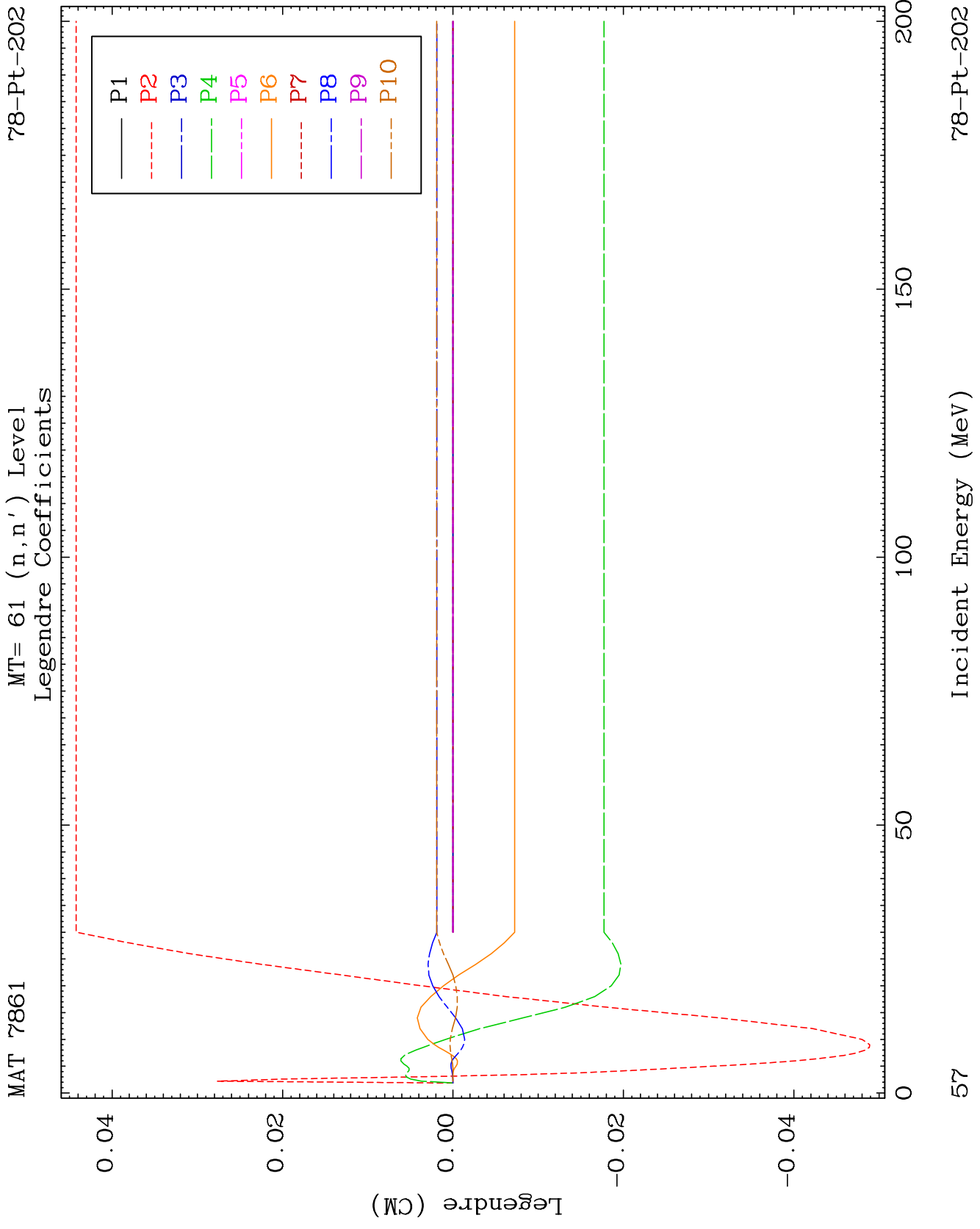


55

Incident Energy (MeV)

78-Pt-202





78-Pt-202

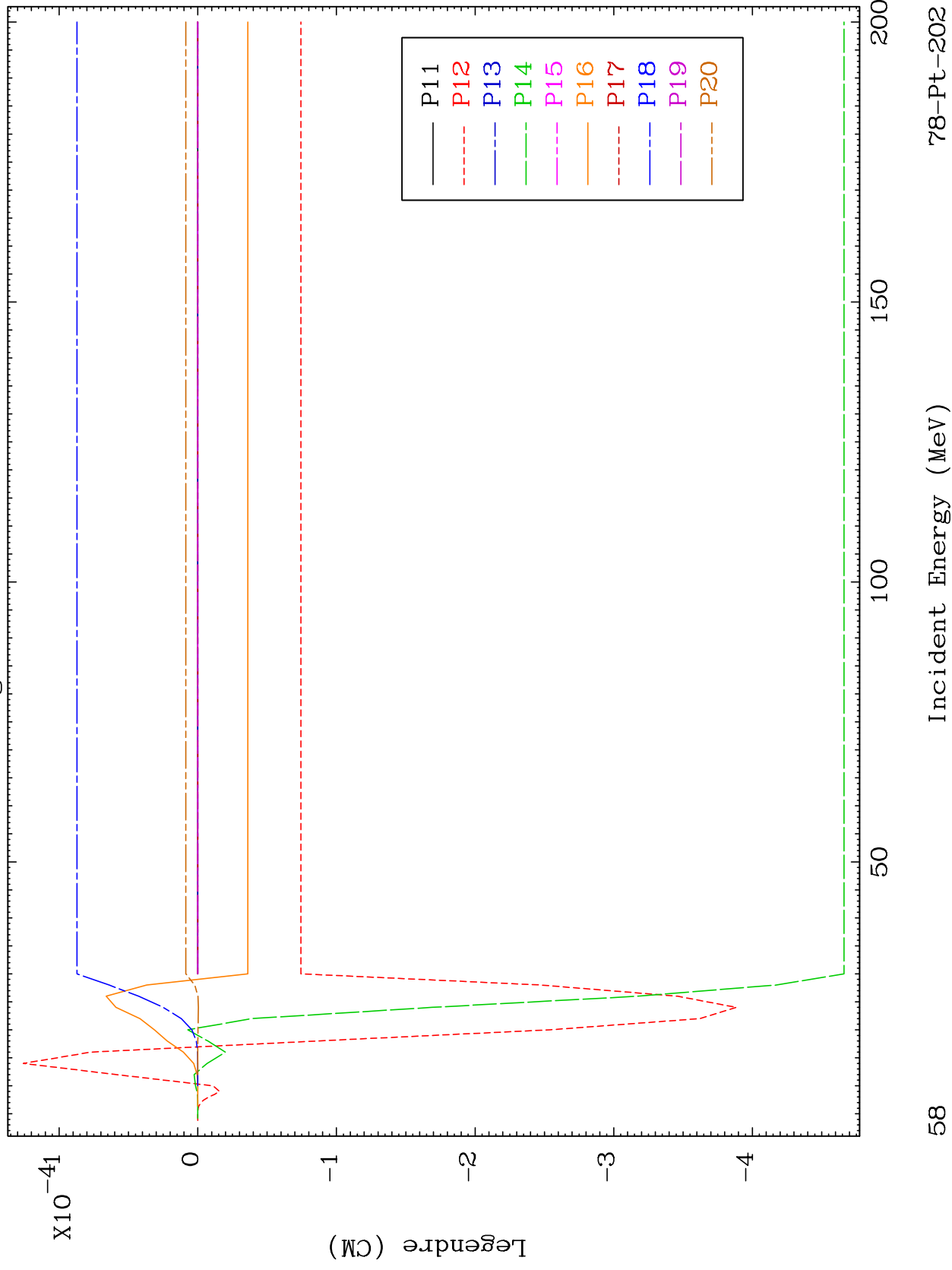
Incident Energy (MeV)

57

MAT 7861

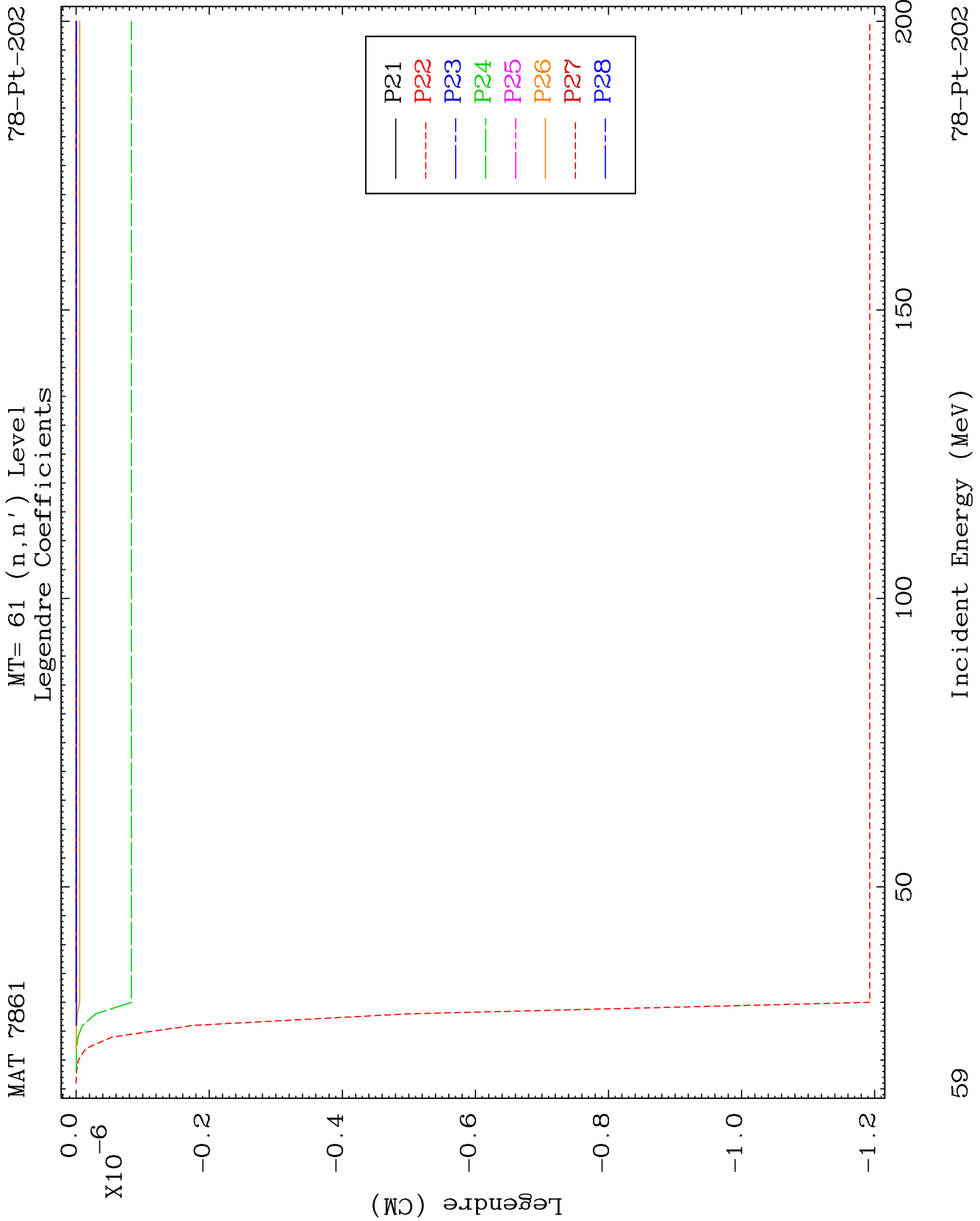
78-Pt-202

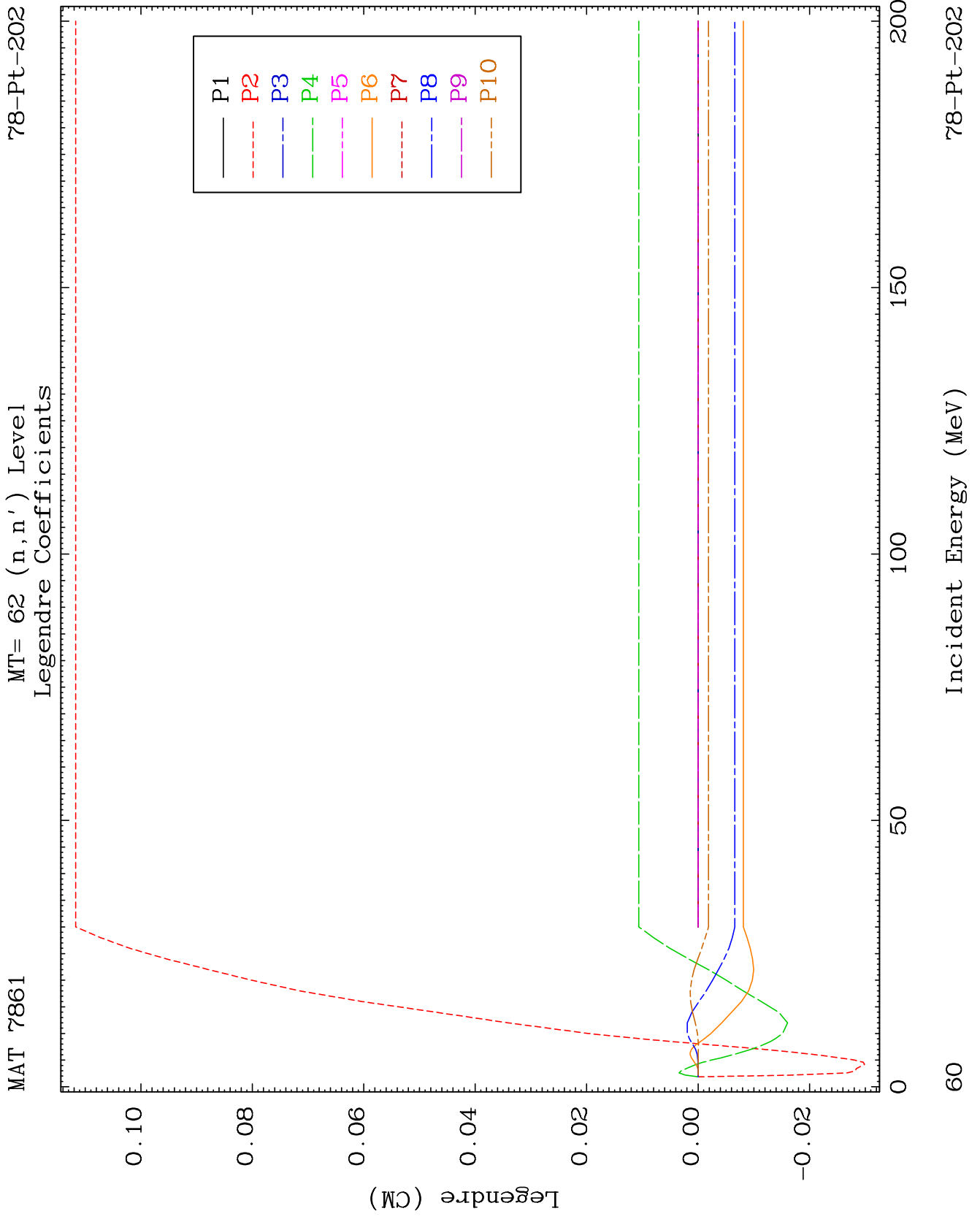
MT= 61 (n,n') Level
Legendre Coefficients



58

78-Pt-202

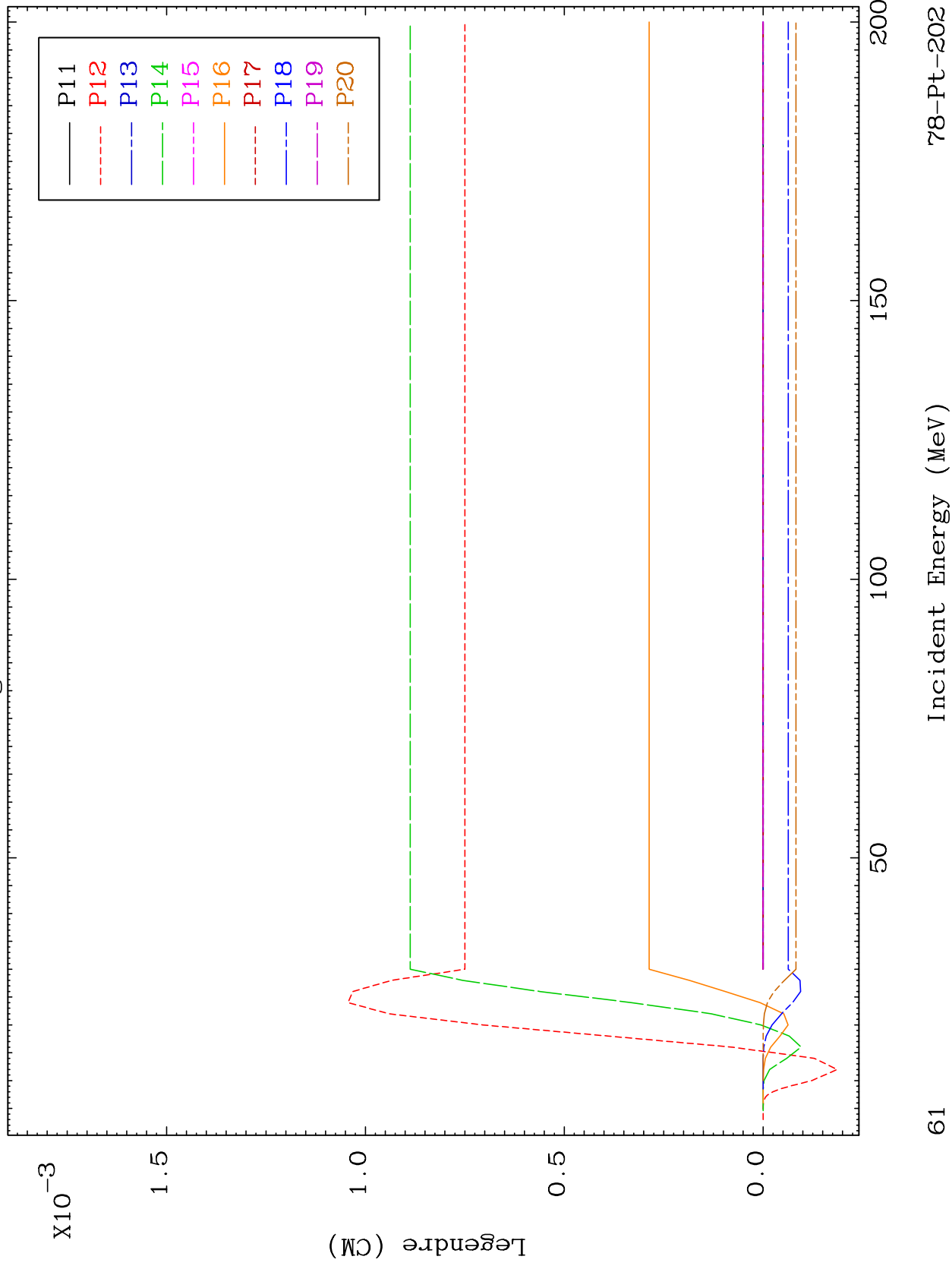


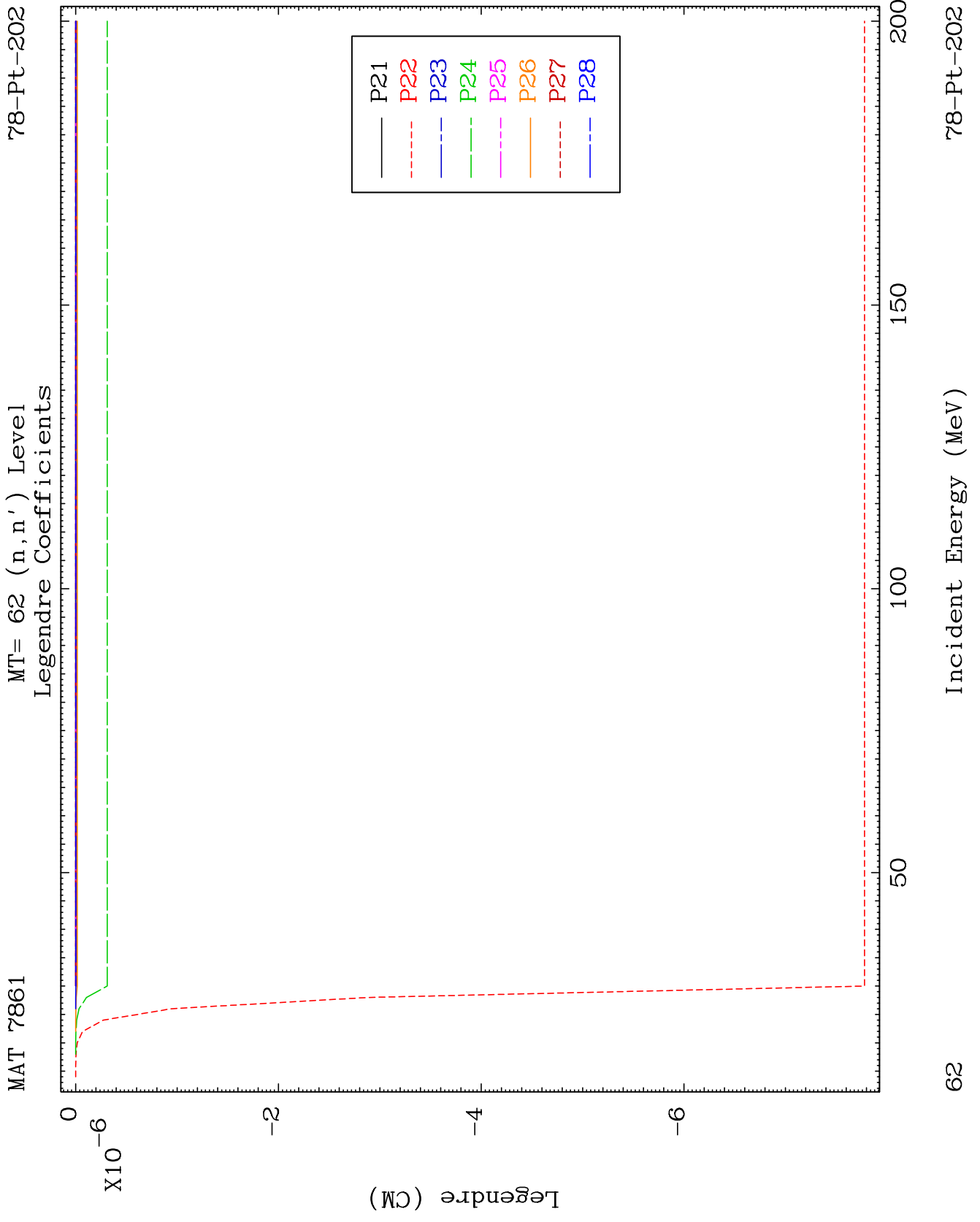


MAT 7861

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

78-Pt-202

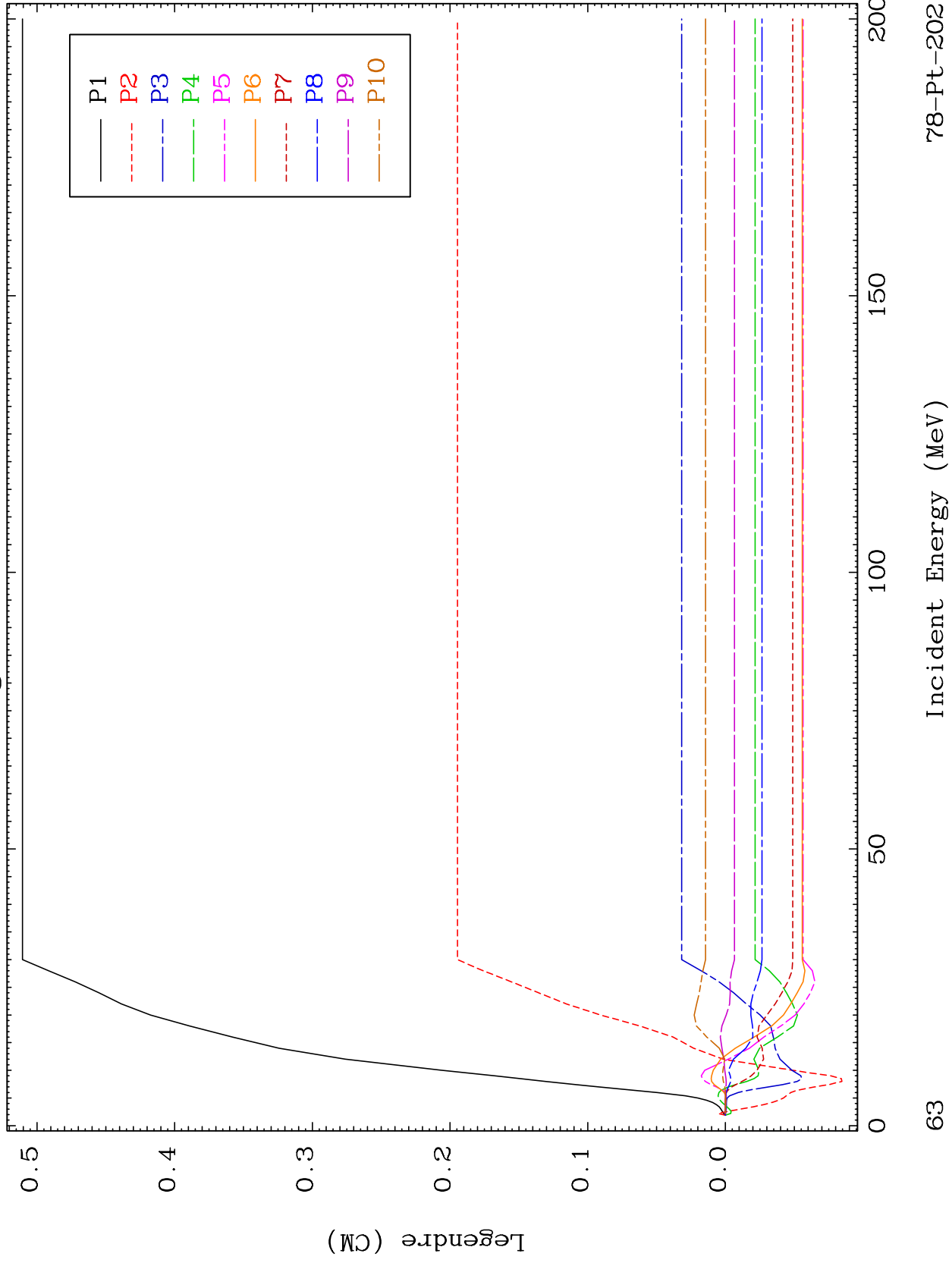




MAT 7861

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

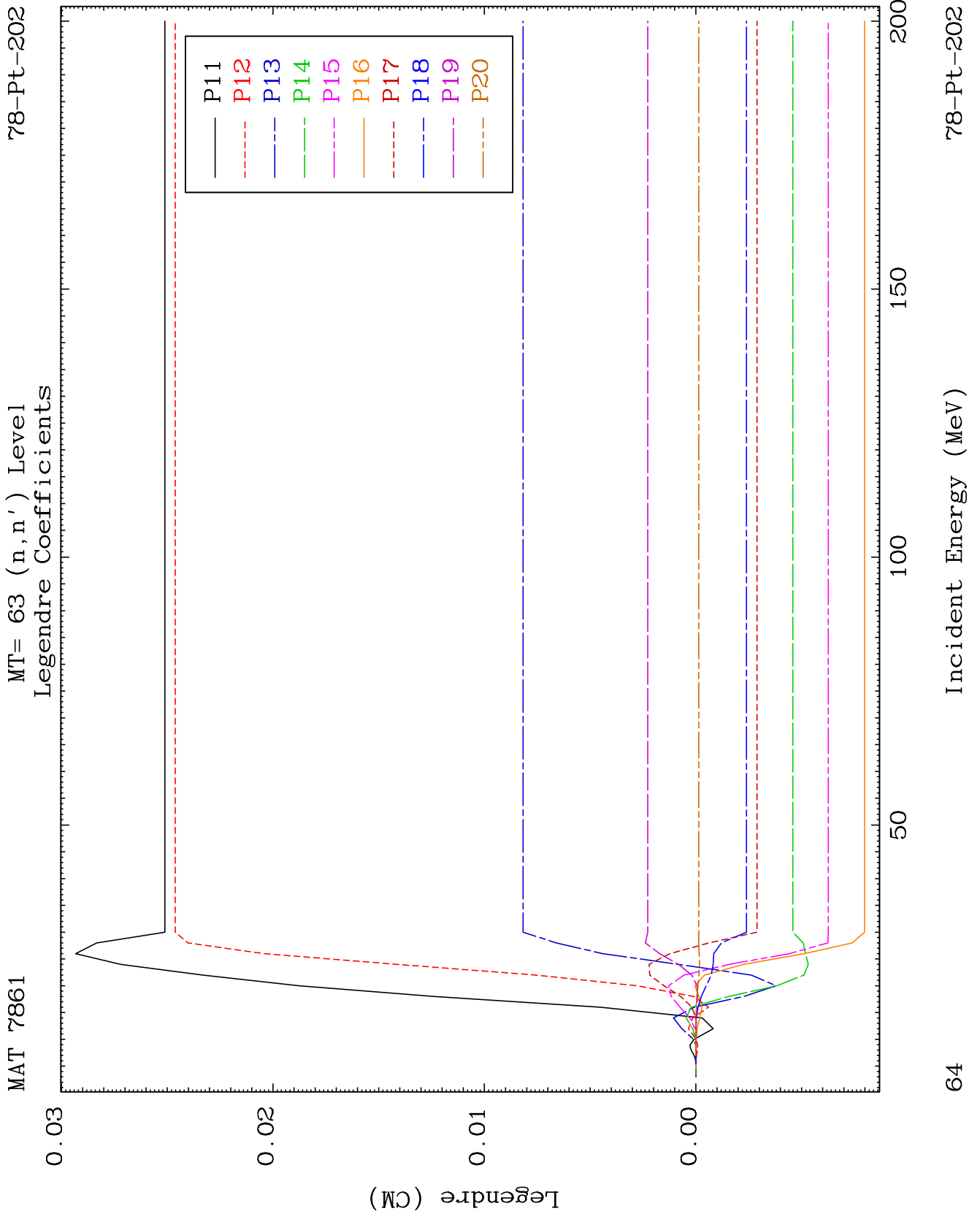
78-Pt-202



78-Pt-202

Incident Energy (MeV)

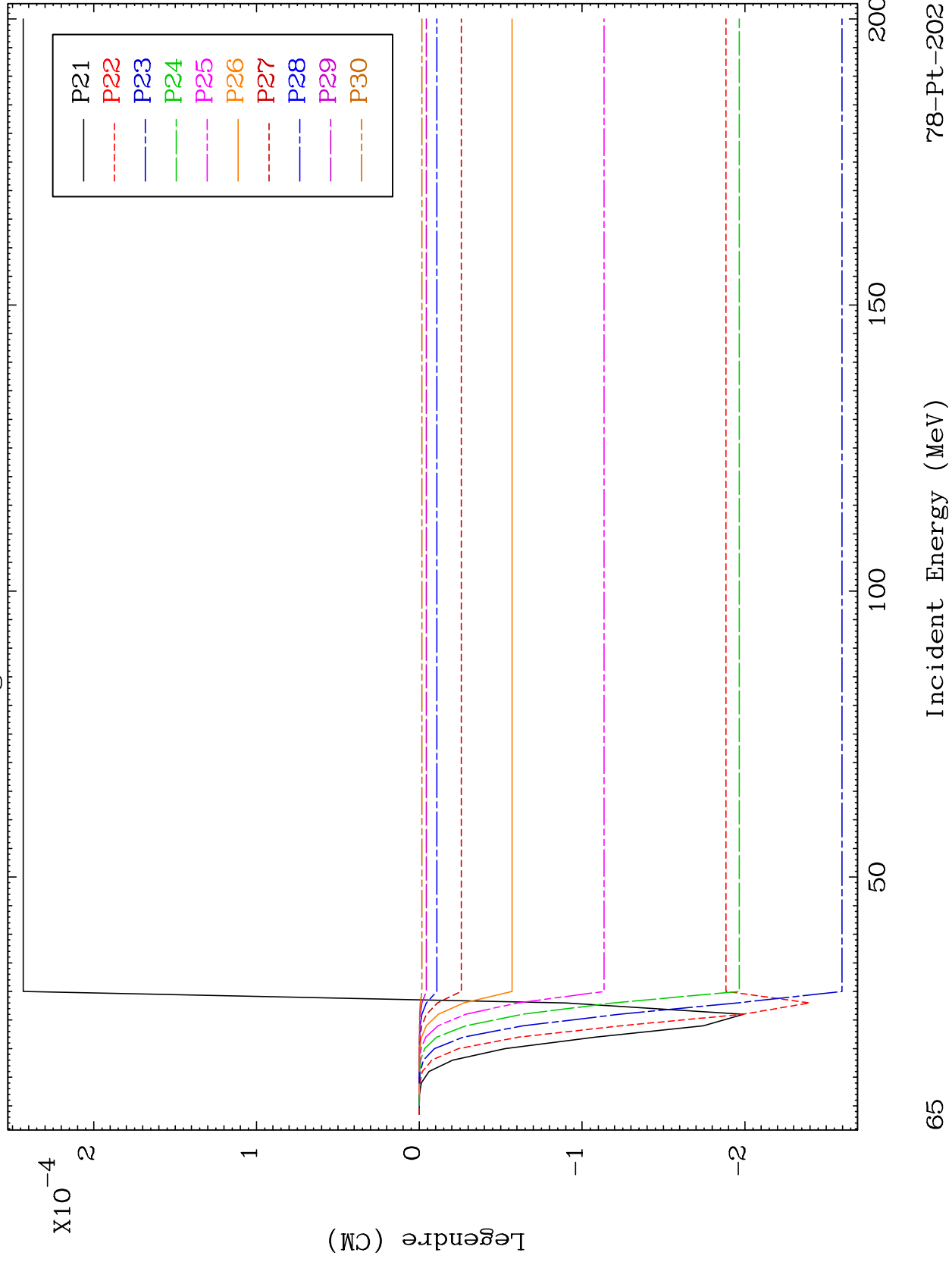
63



MAT 7861

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

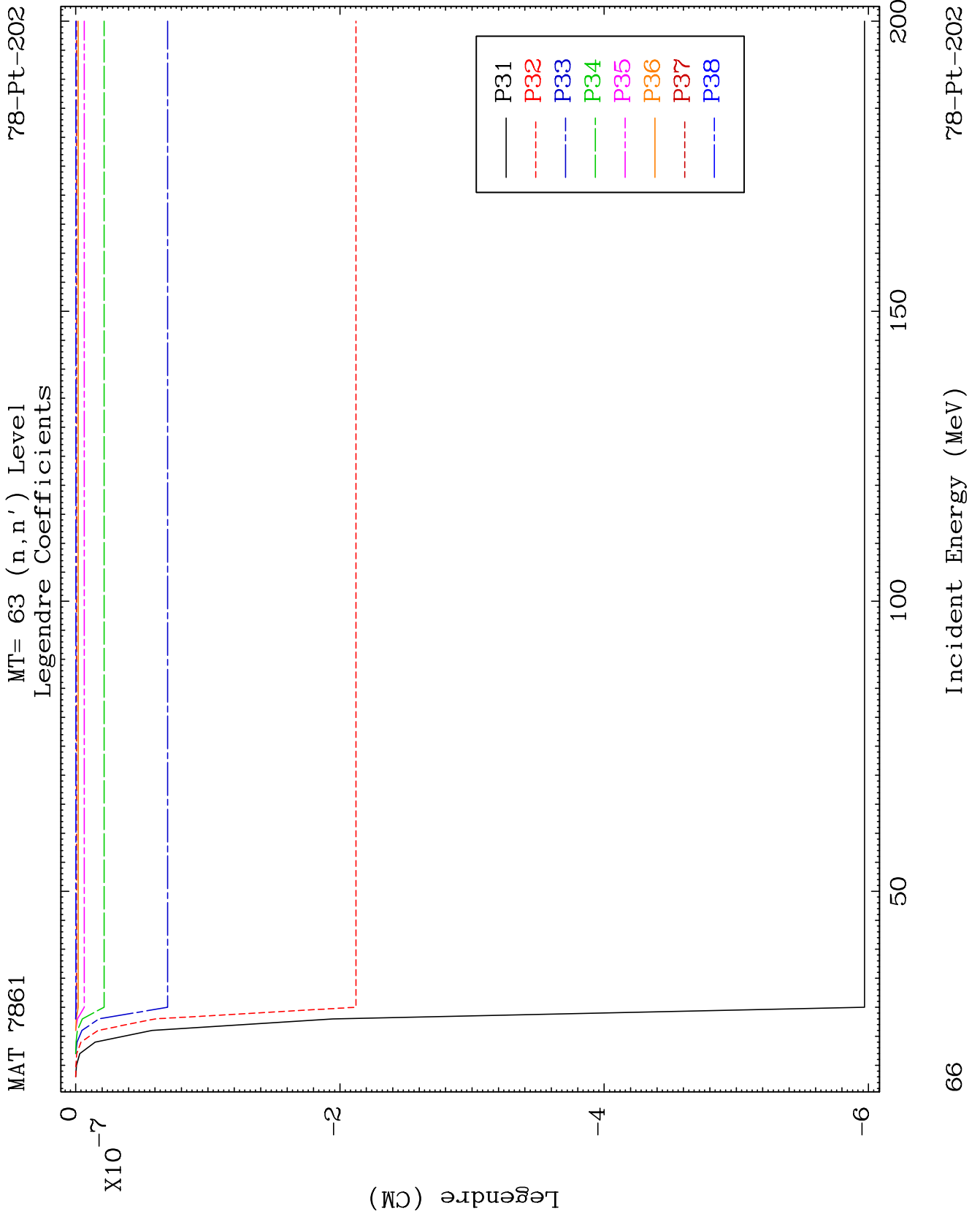
78-Pt-202



65

Incident Energy (MeV)

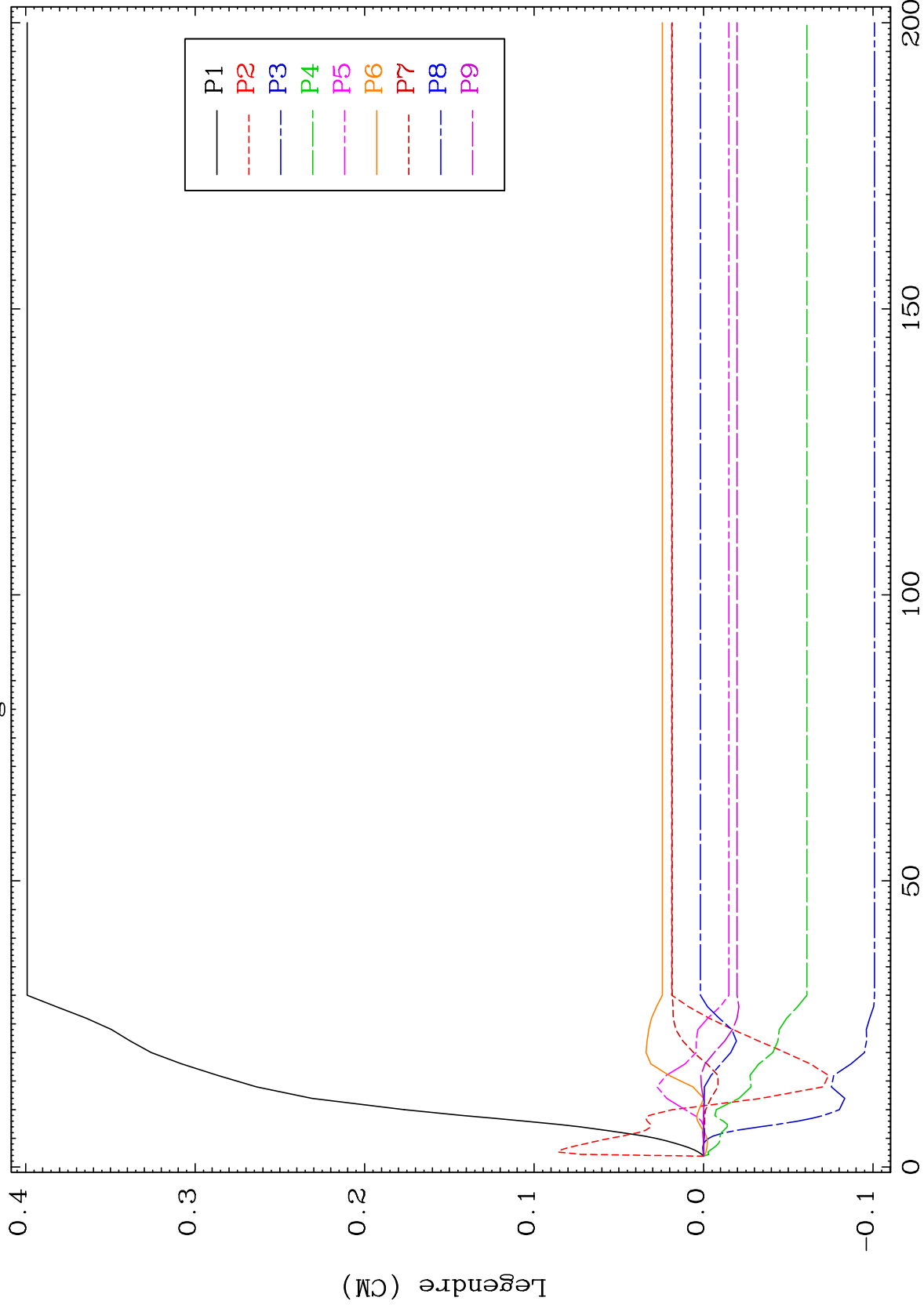
78-Pt-202



MAT 7861

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

78-Pt-202



67

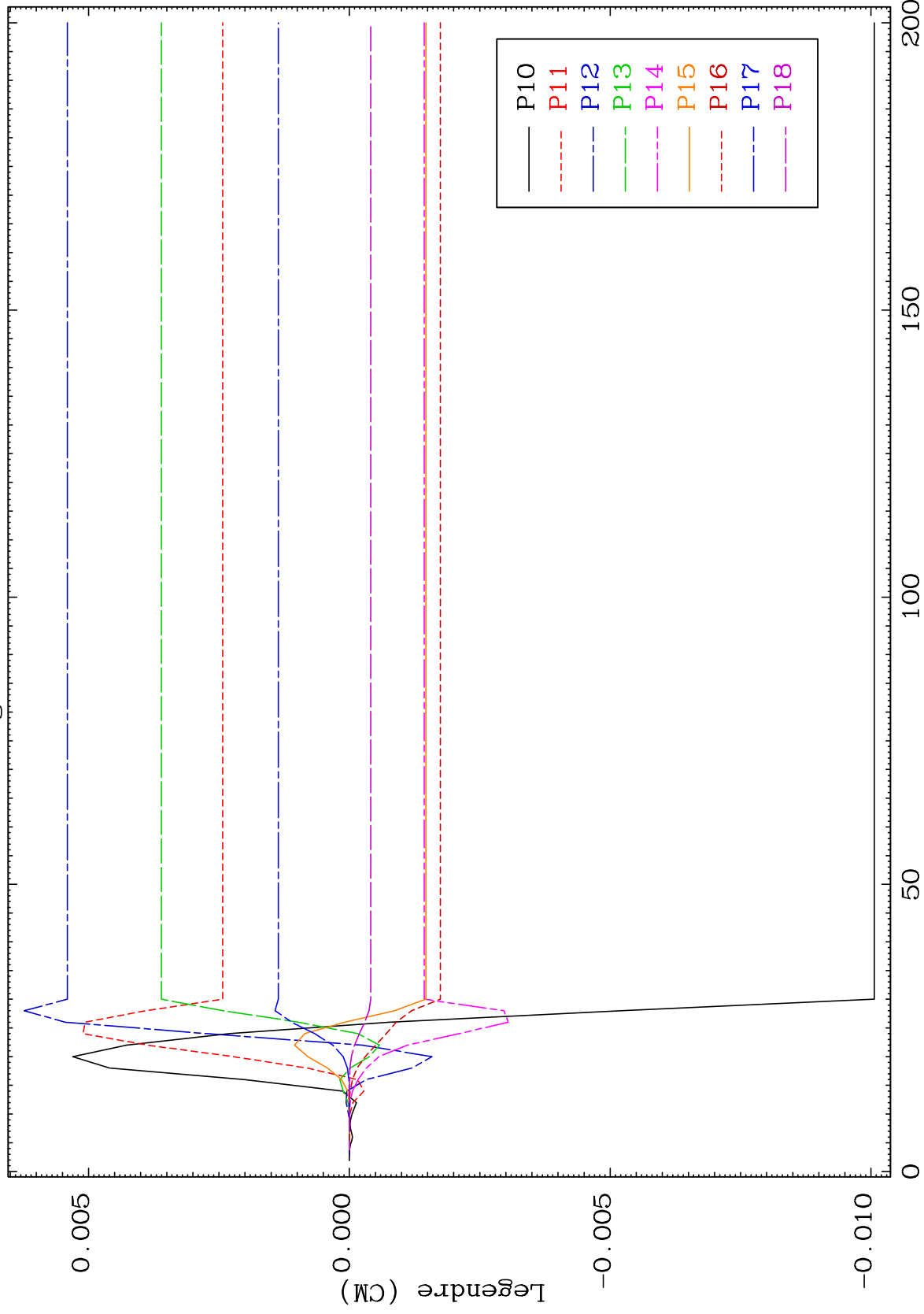
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



68

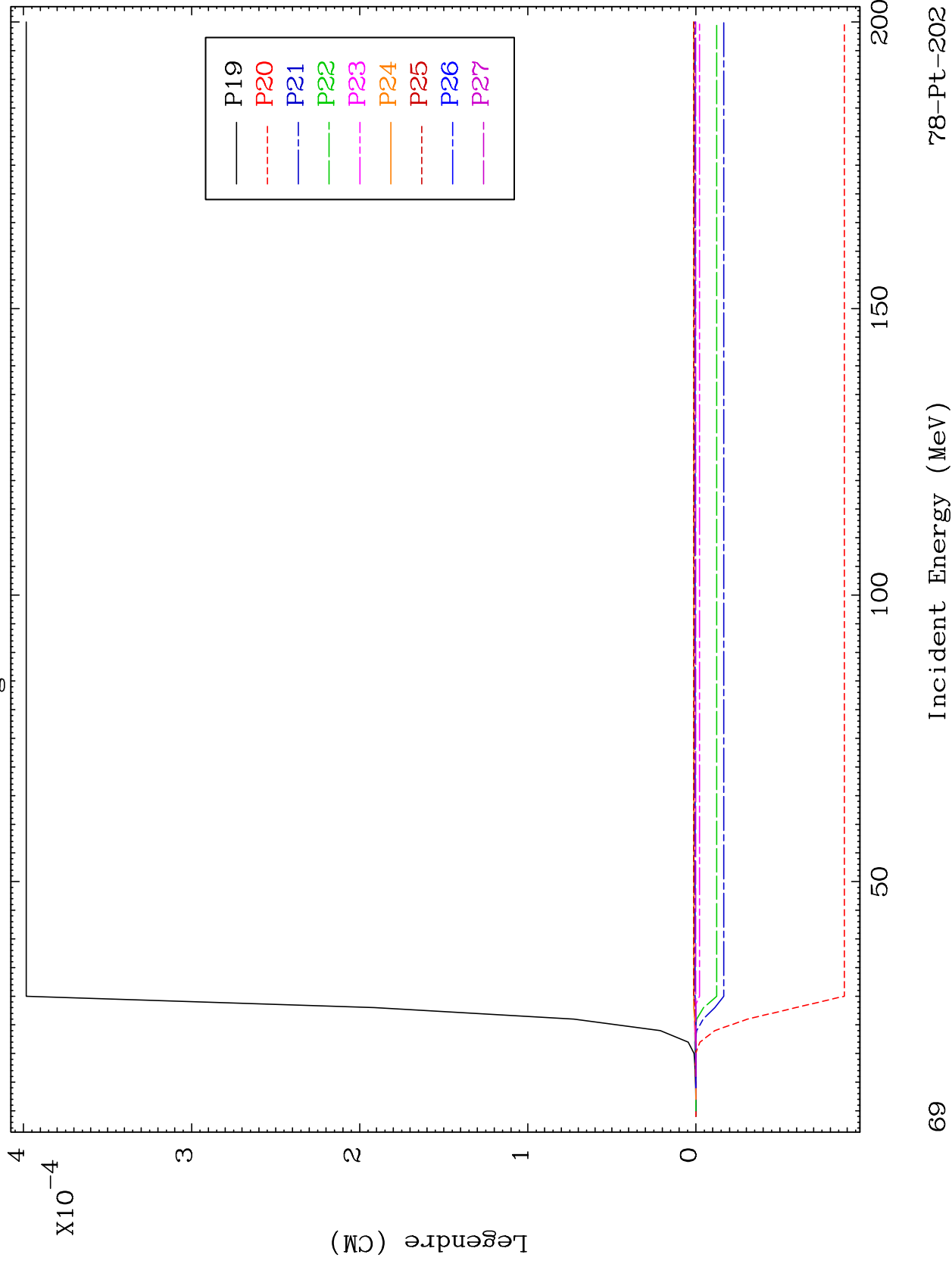
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

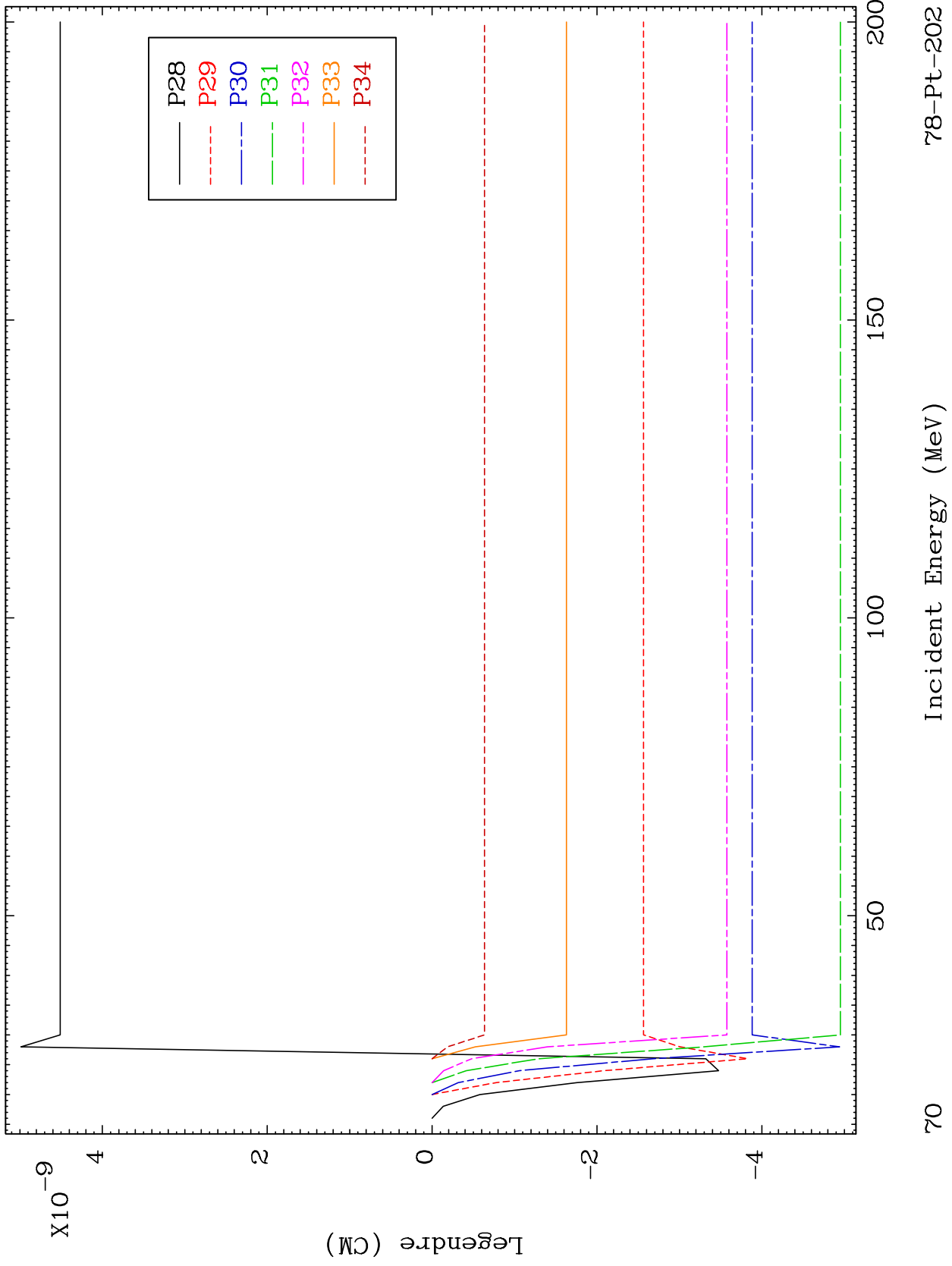
78-Pt-202

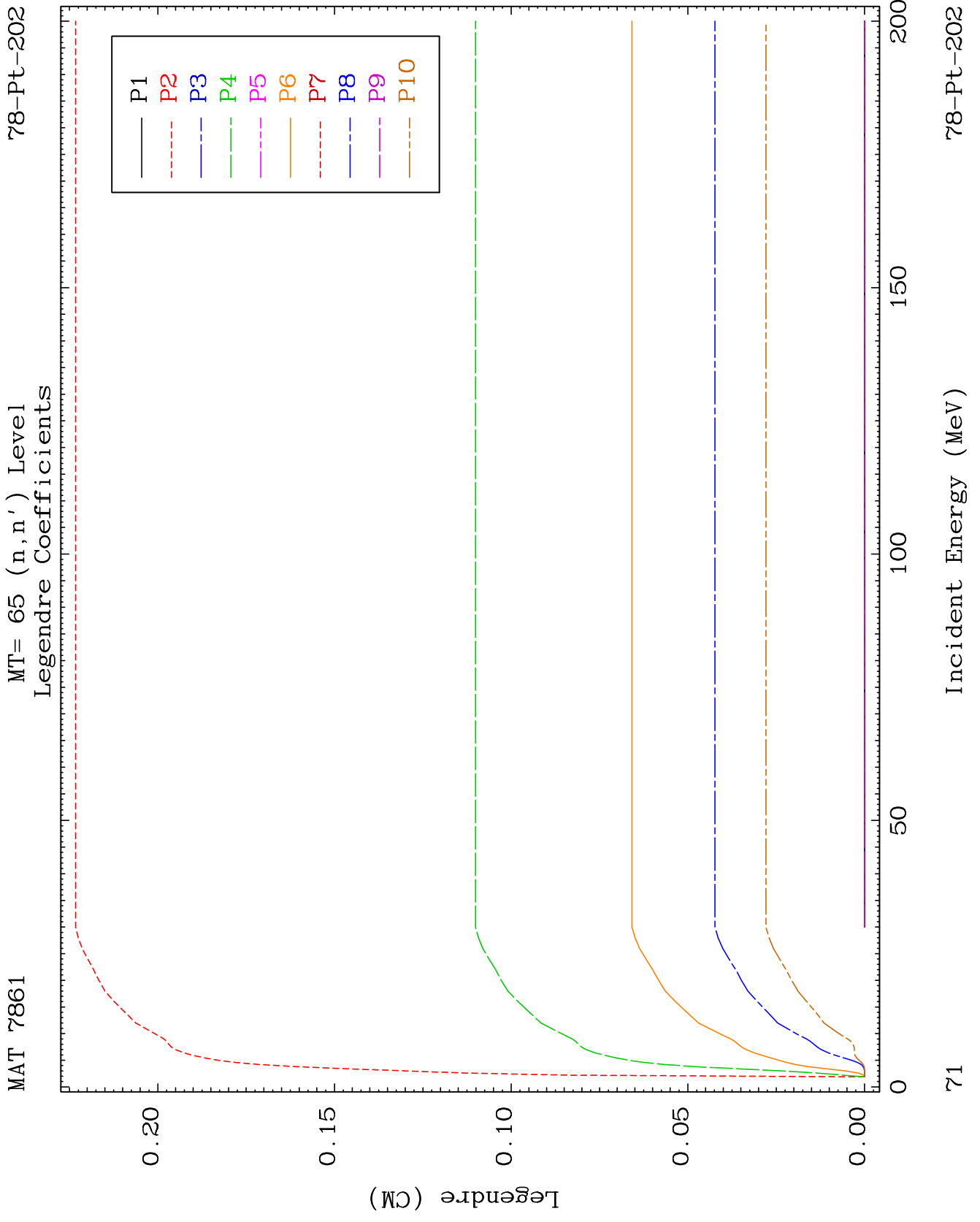


MAT 7861

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

78-Pt-202

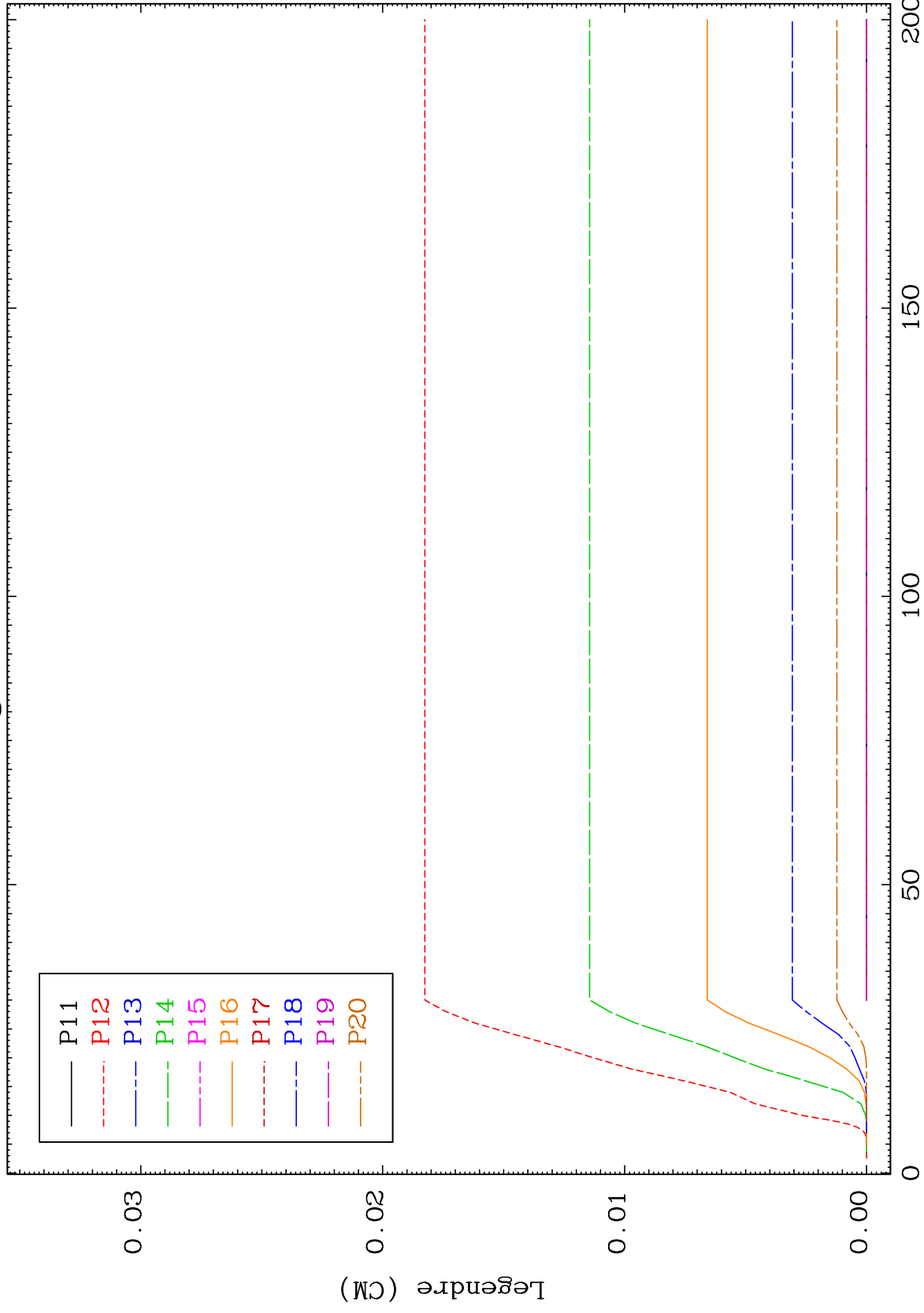




MAT 7861

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

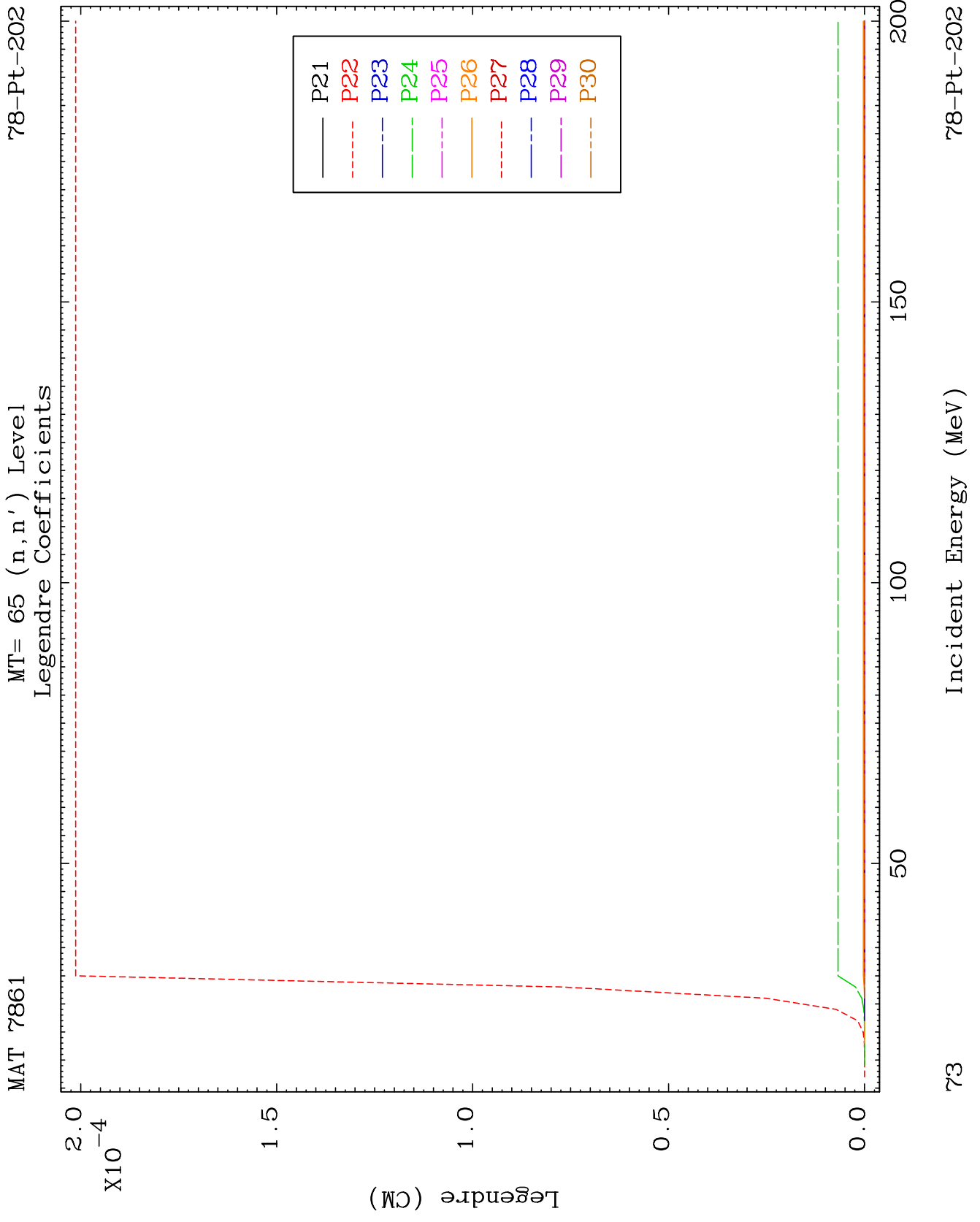
78-Pt-202



72

Incident Energy (MeV)

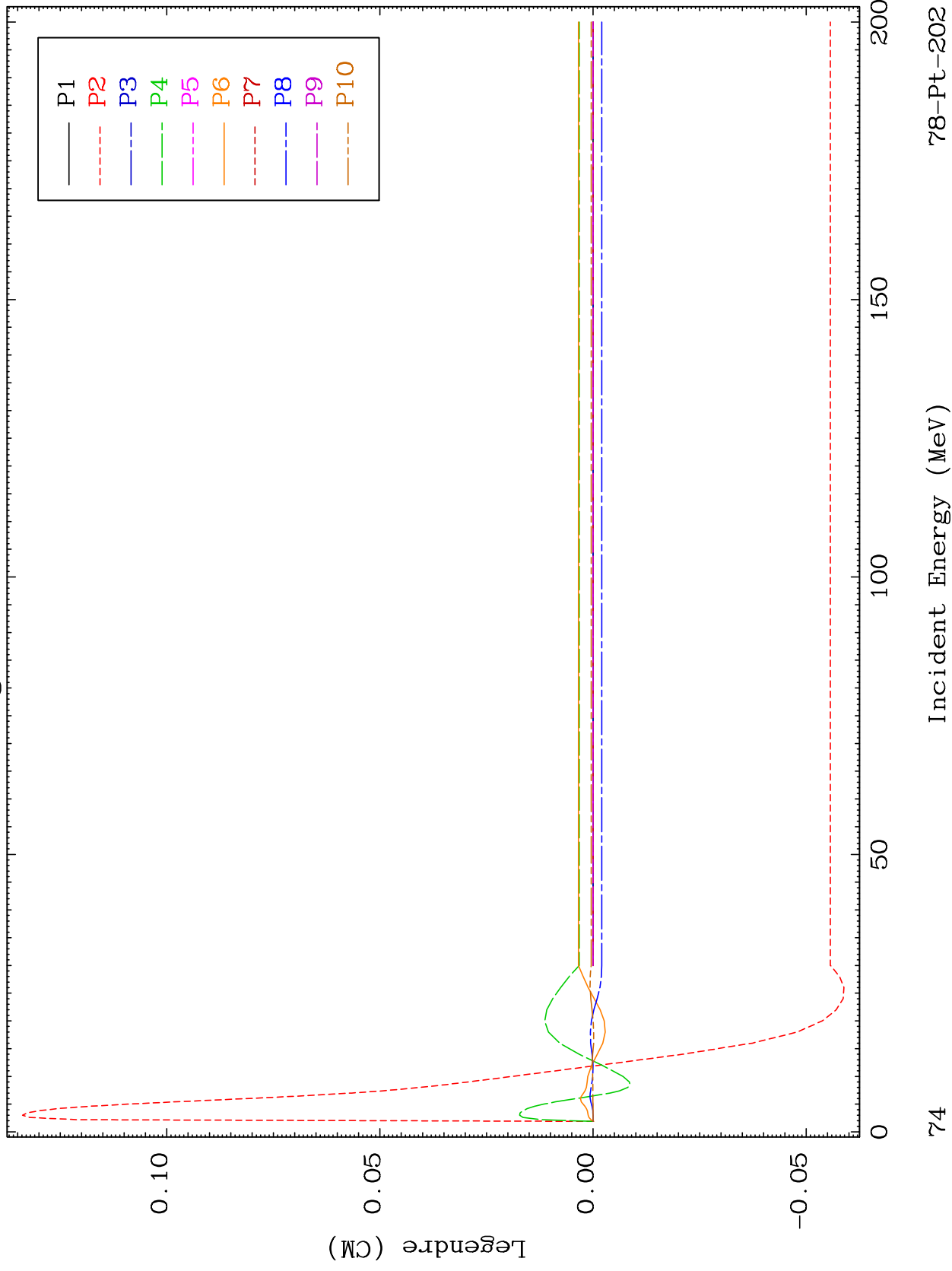
78-Pt-202



MAT 7861

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

78-Pt-202



78-Pt-202

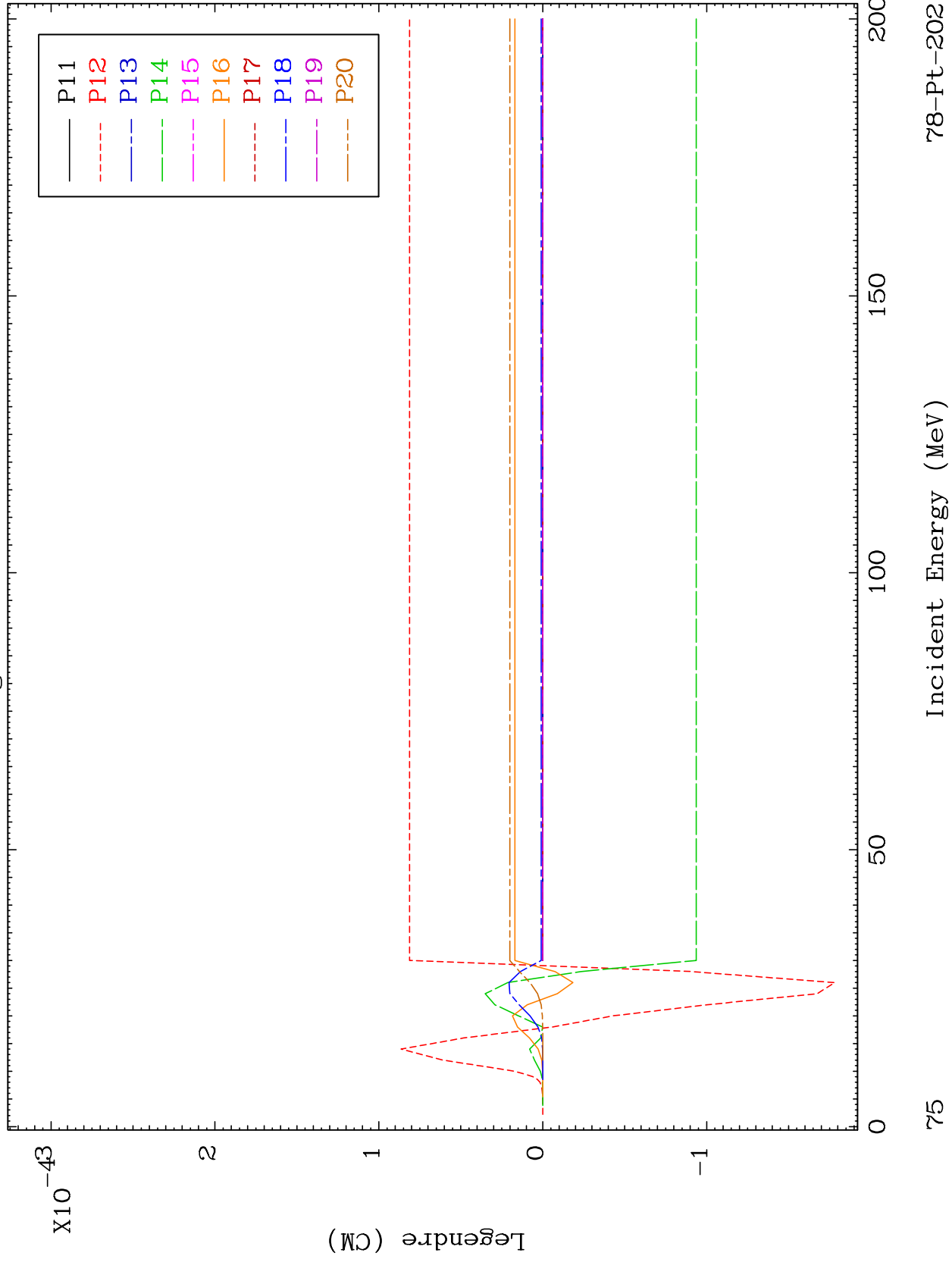
Incident Energy (MeV)

74

MAT 7861

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

78-Pt-202



78-Pt-202

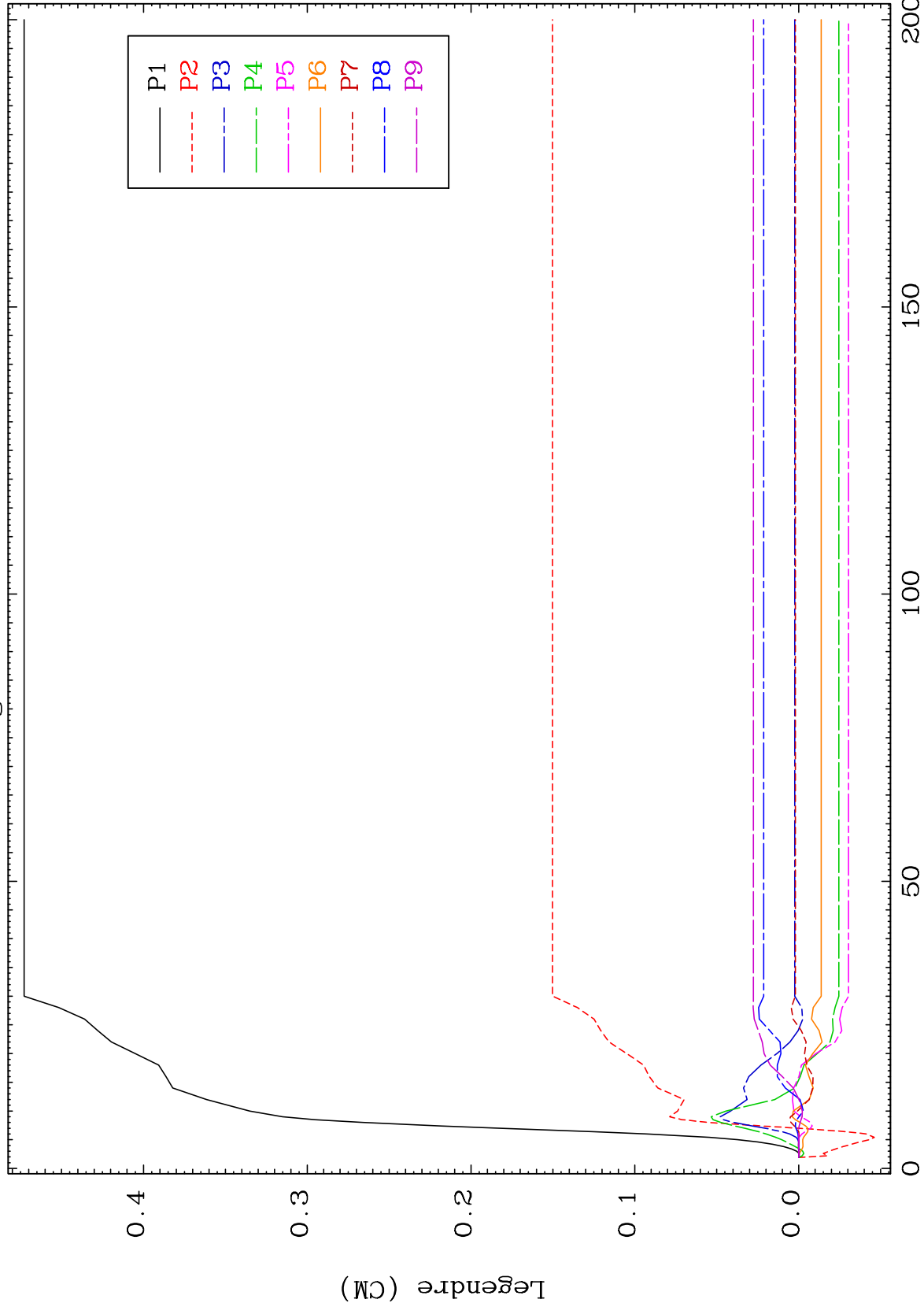
Incident Energy (MeV)

75

MAT 7861

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

78-Pt-202



77

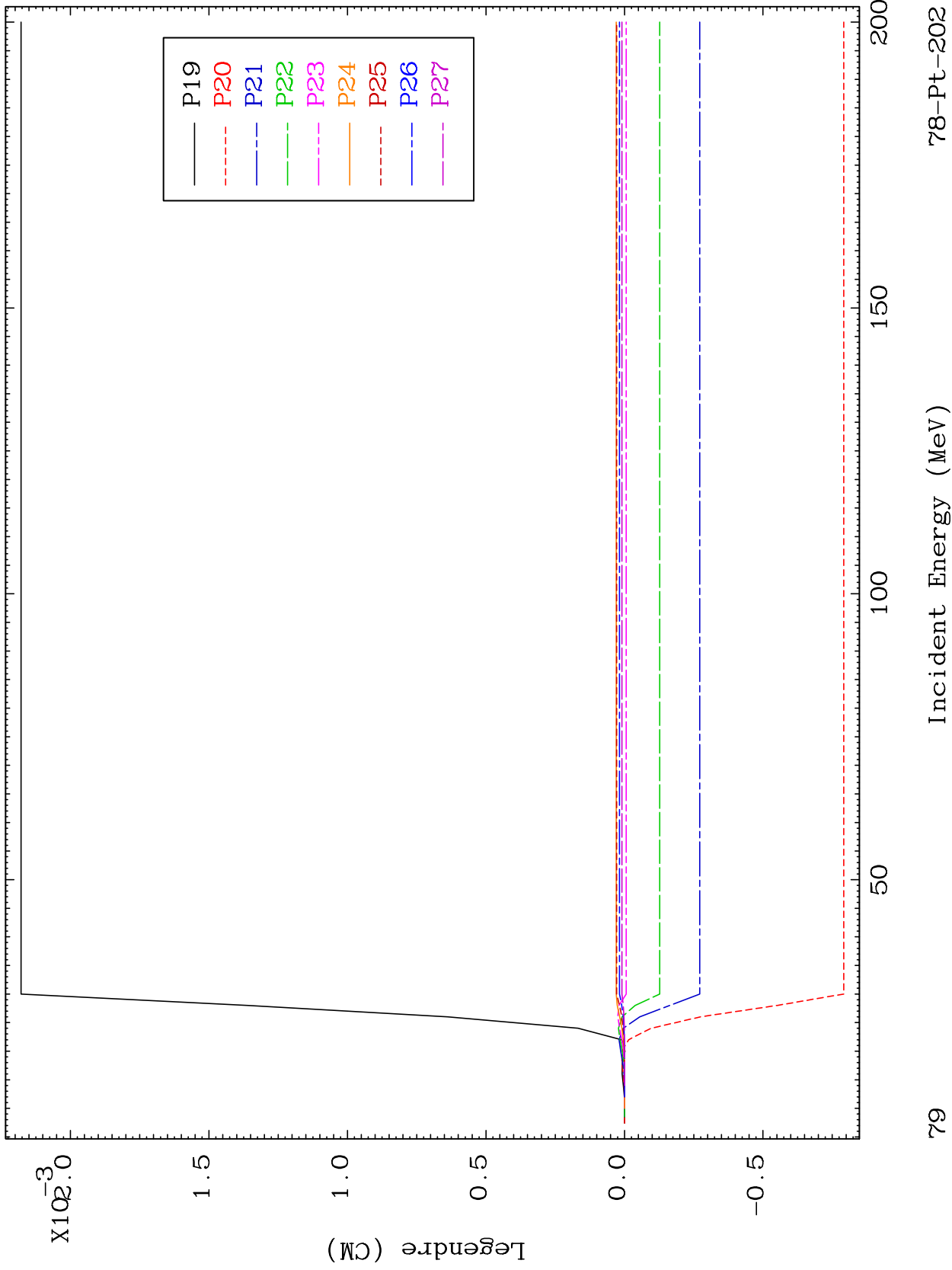
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



79

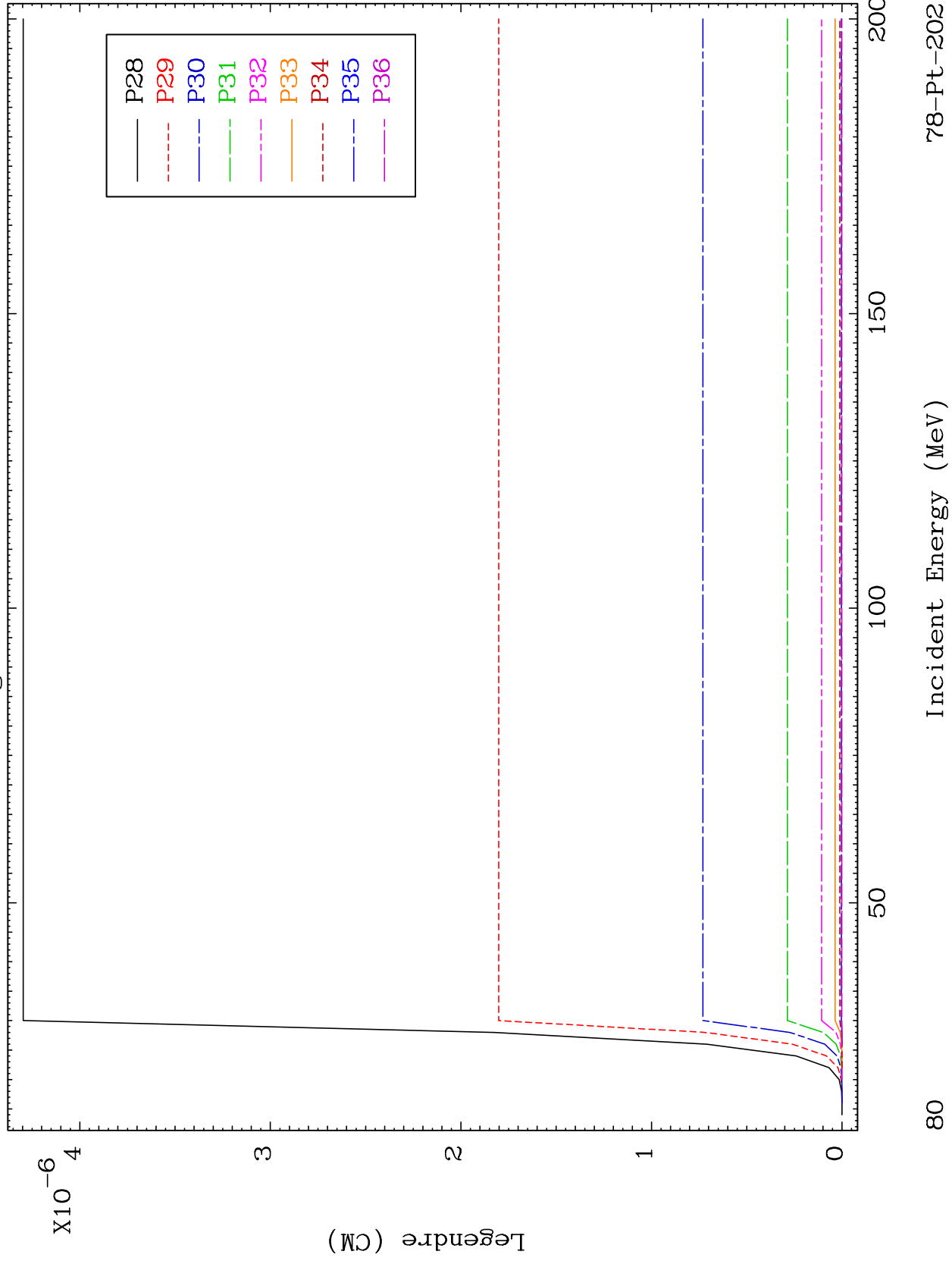
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

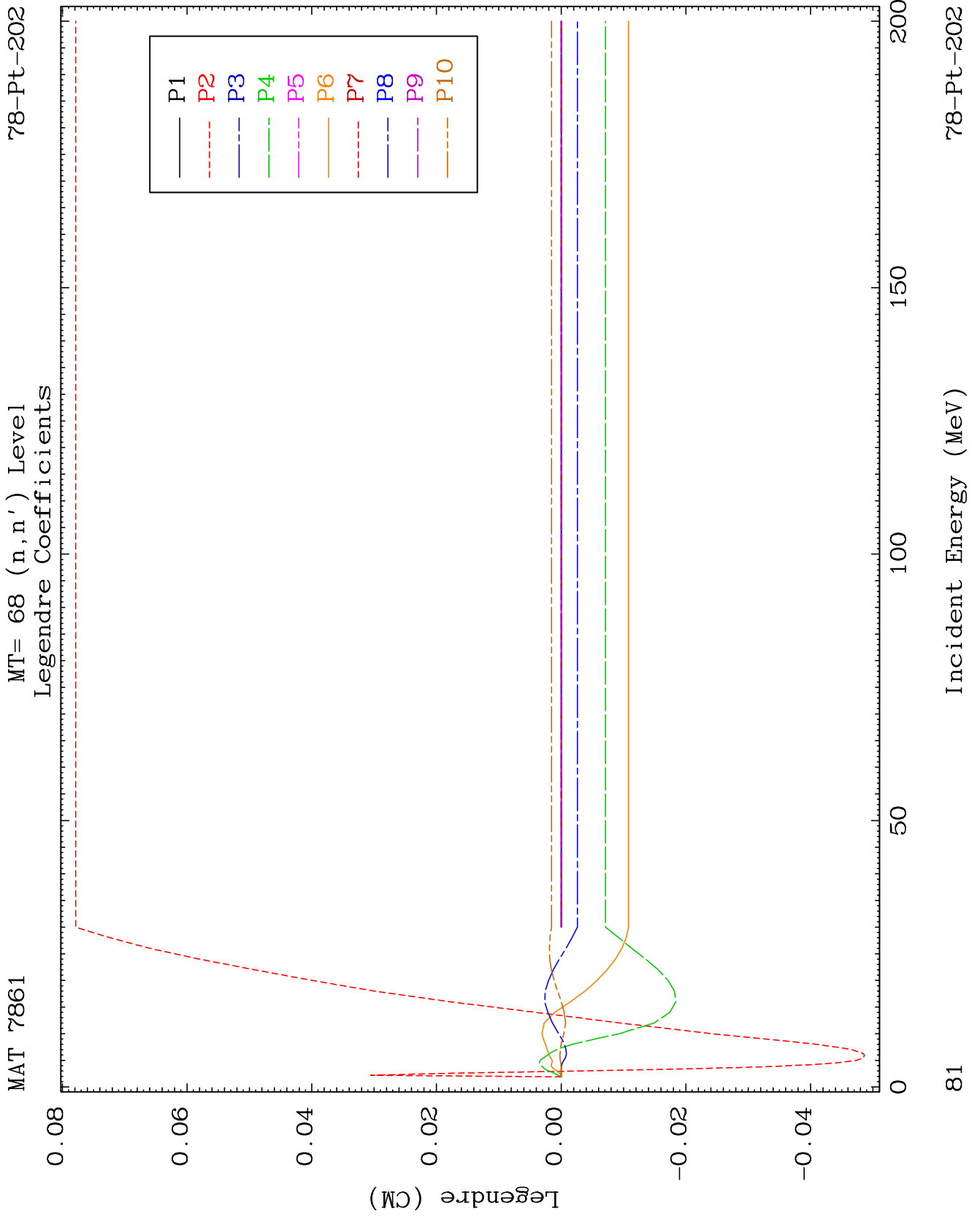
78-Pt-202

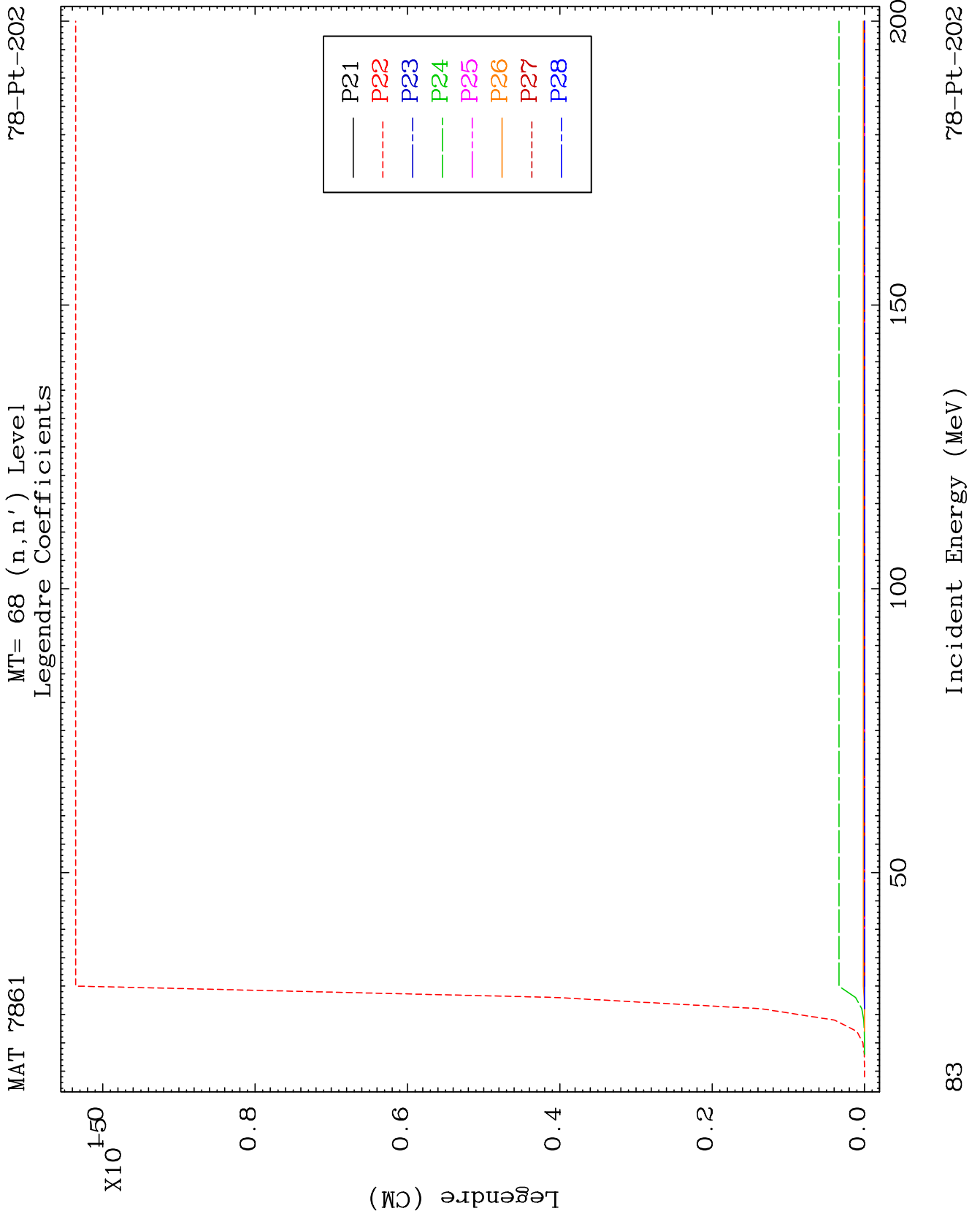


80

Incident Energy (MeV)

78-Pt-202

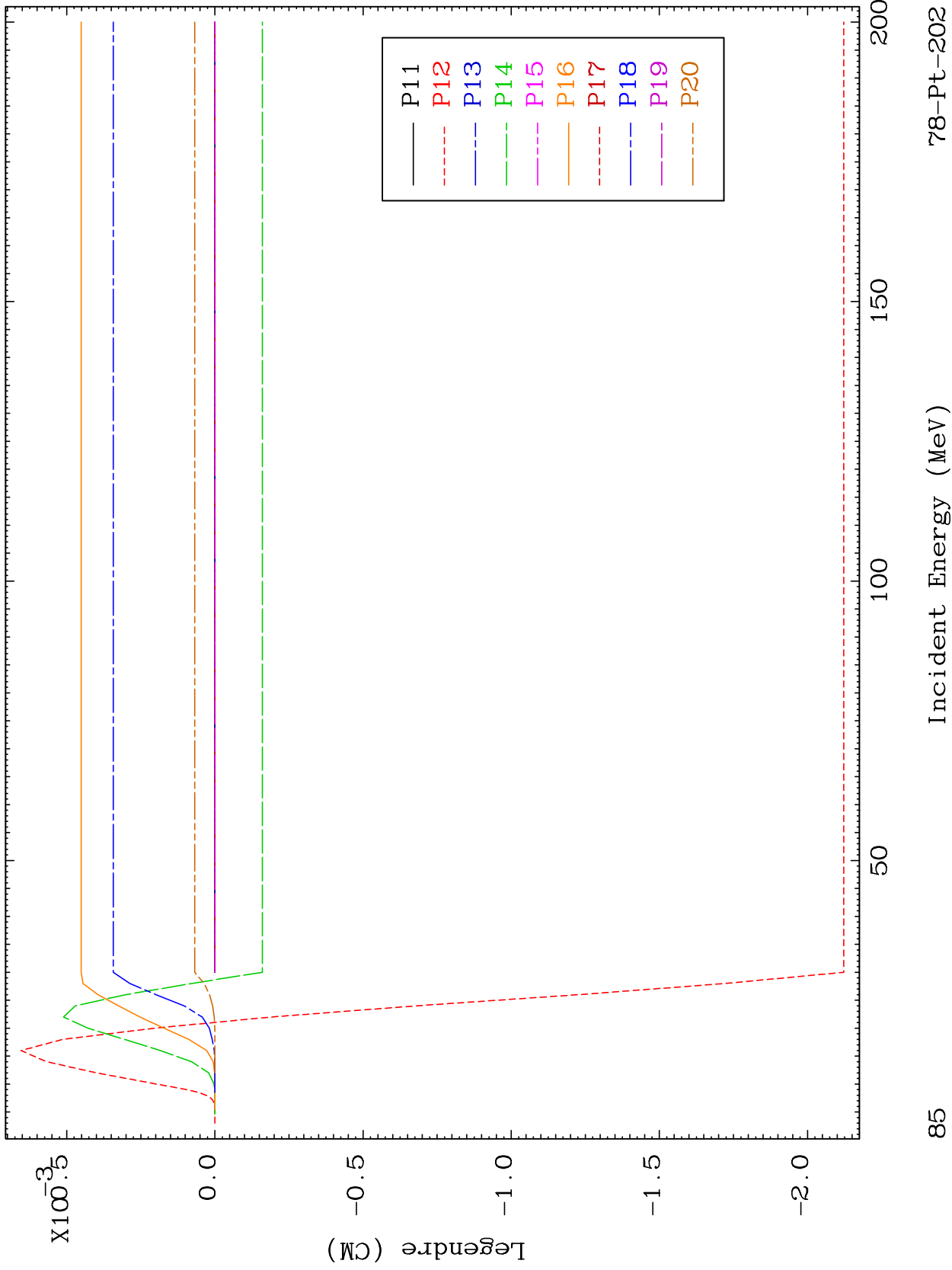




MAT 7861

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

78-Pt-202



85

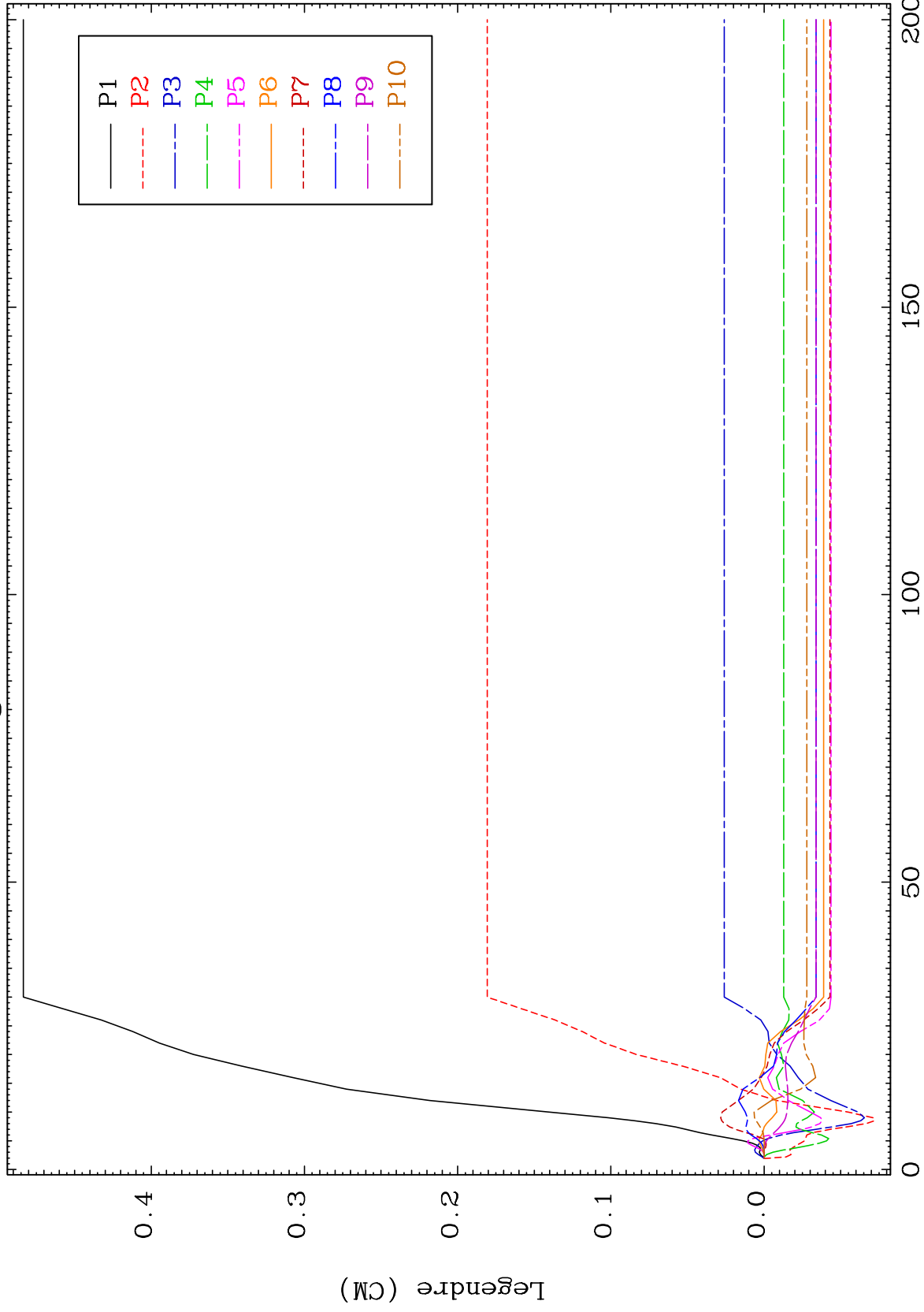
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



87

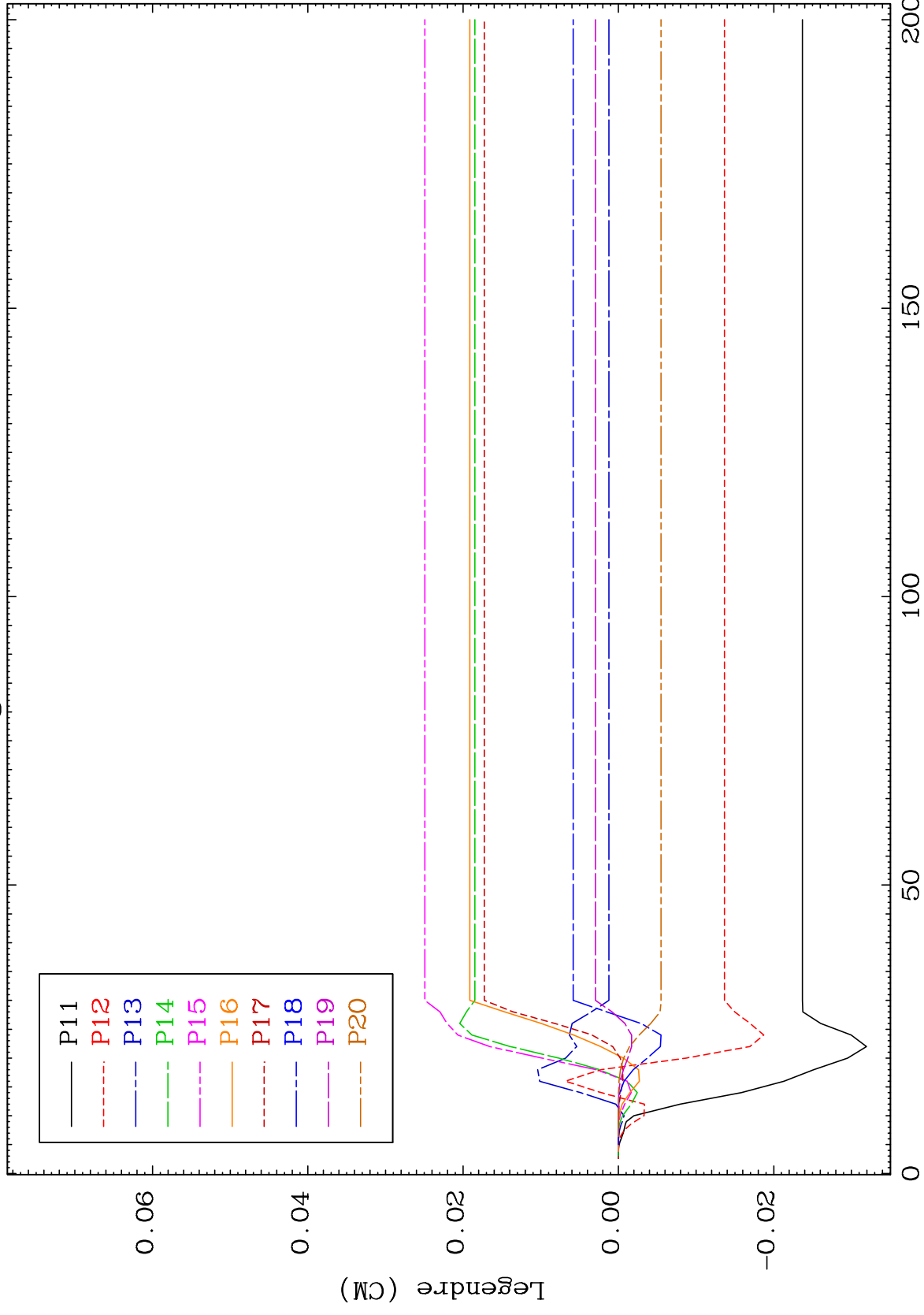
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



88

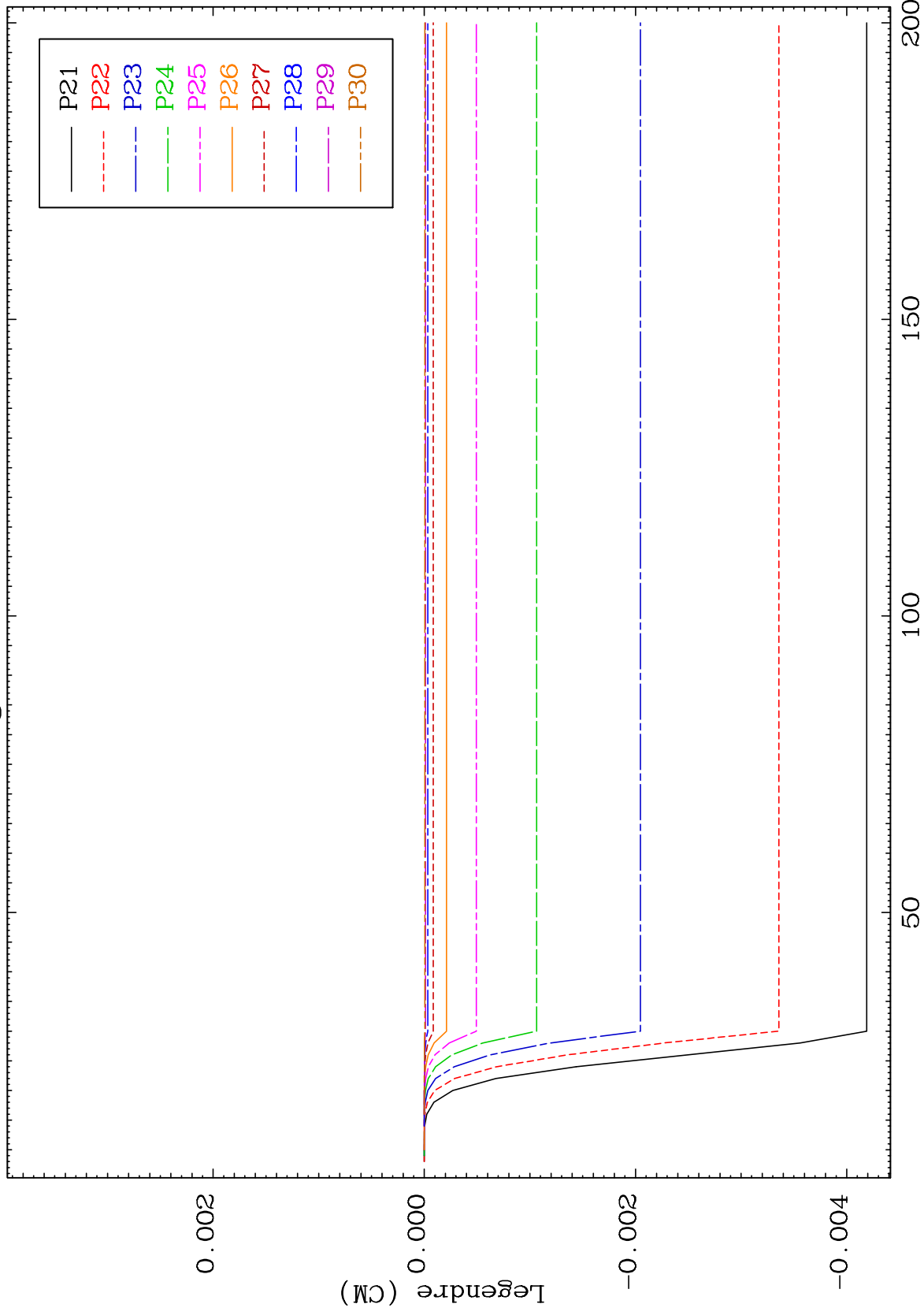
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



89

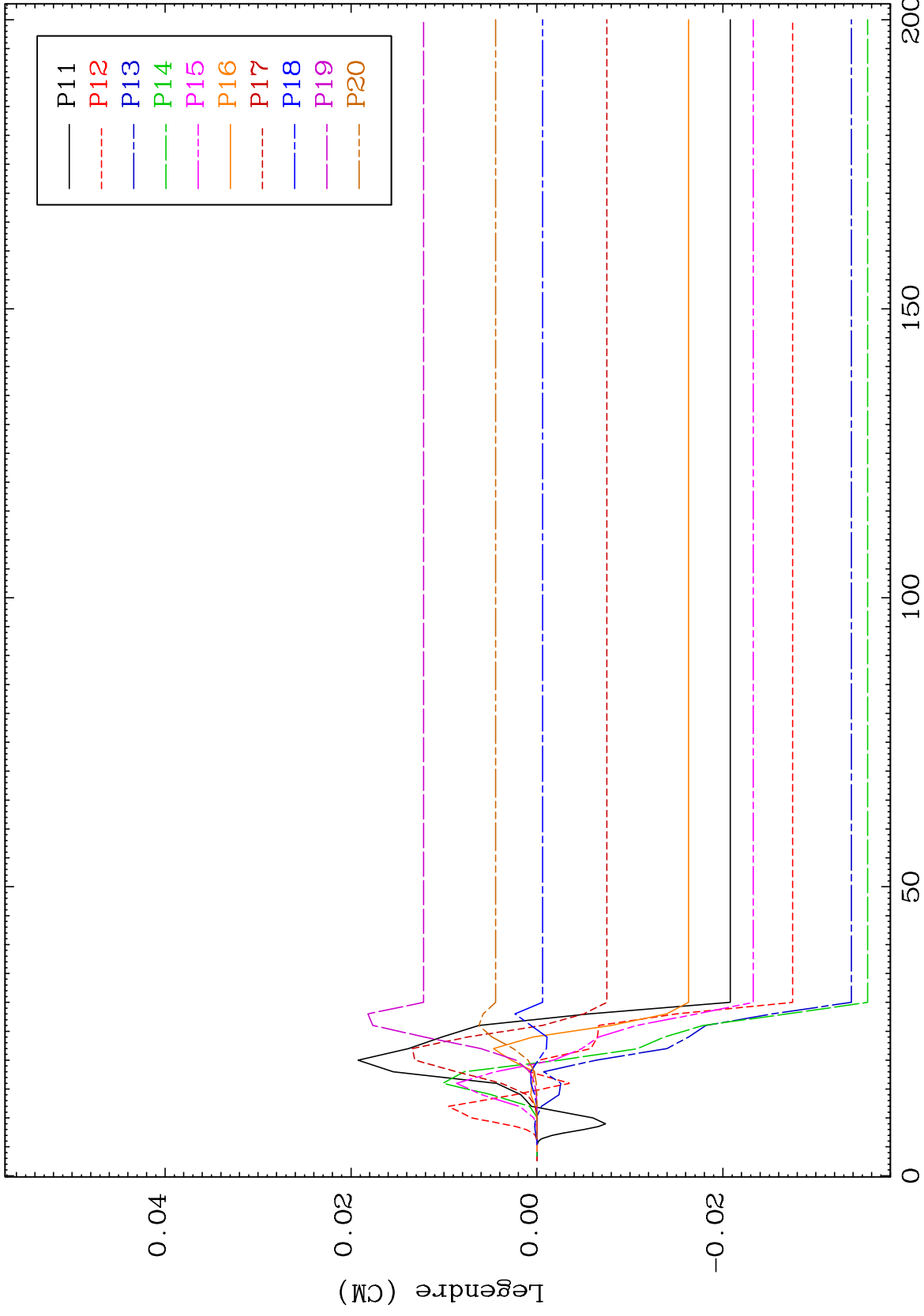
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



92

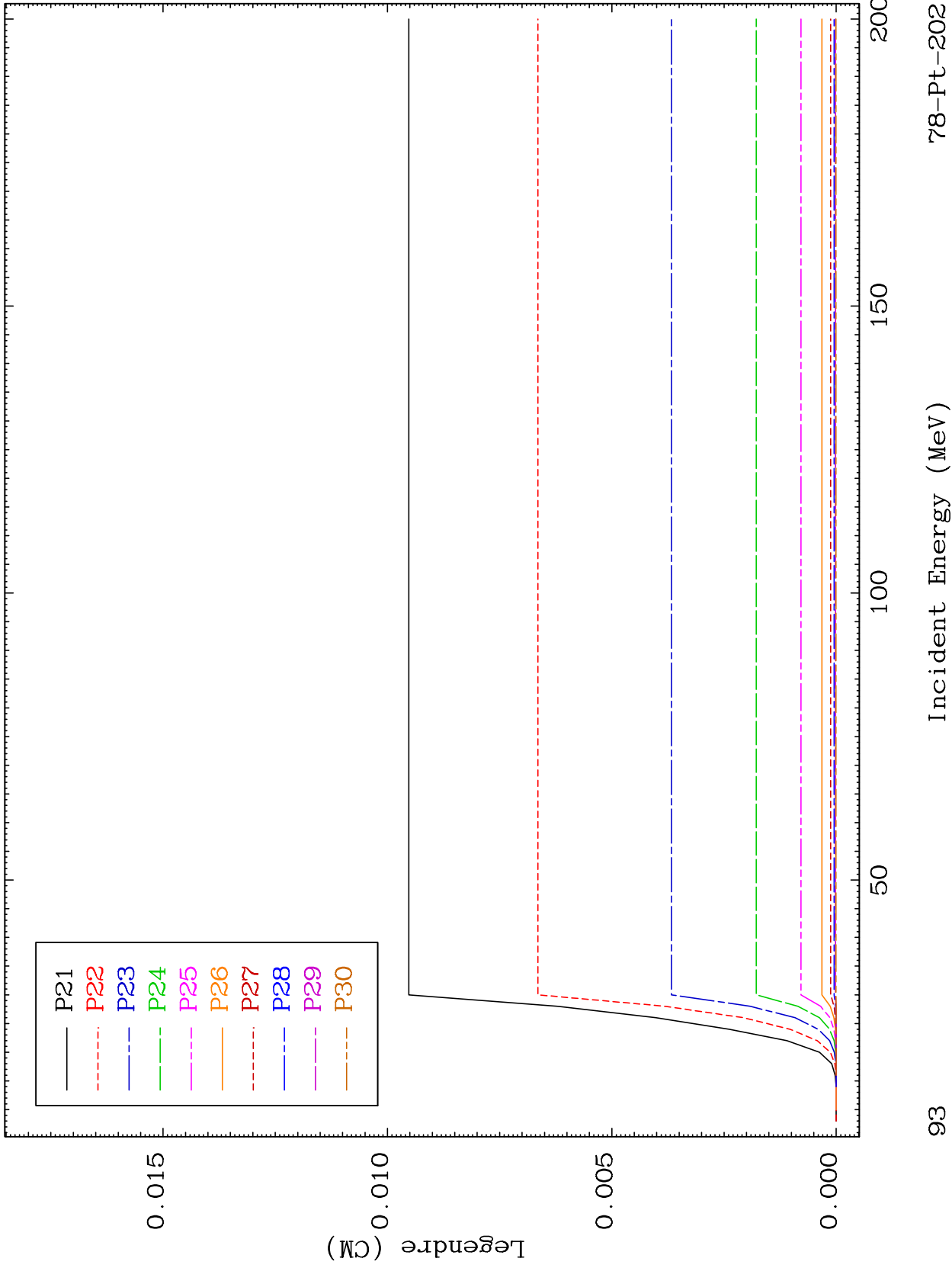
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

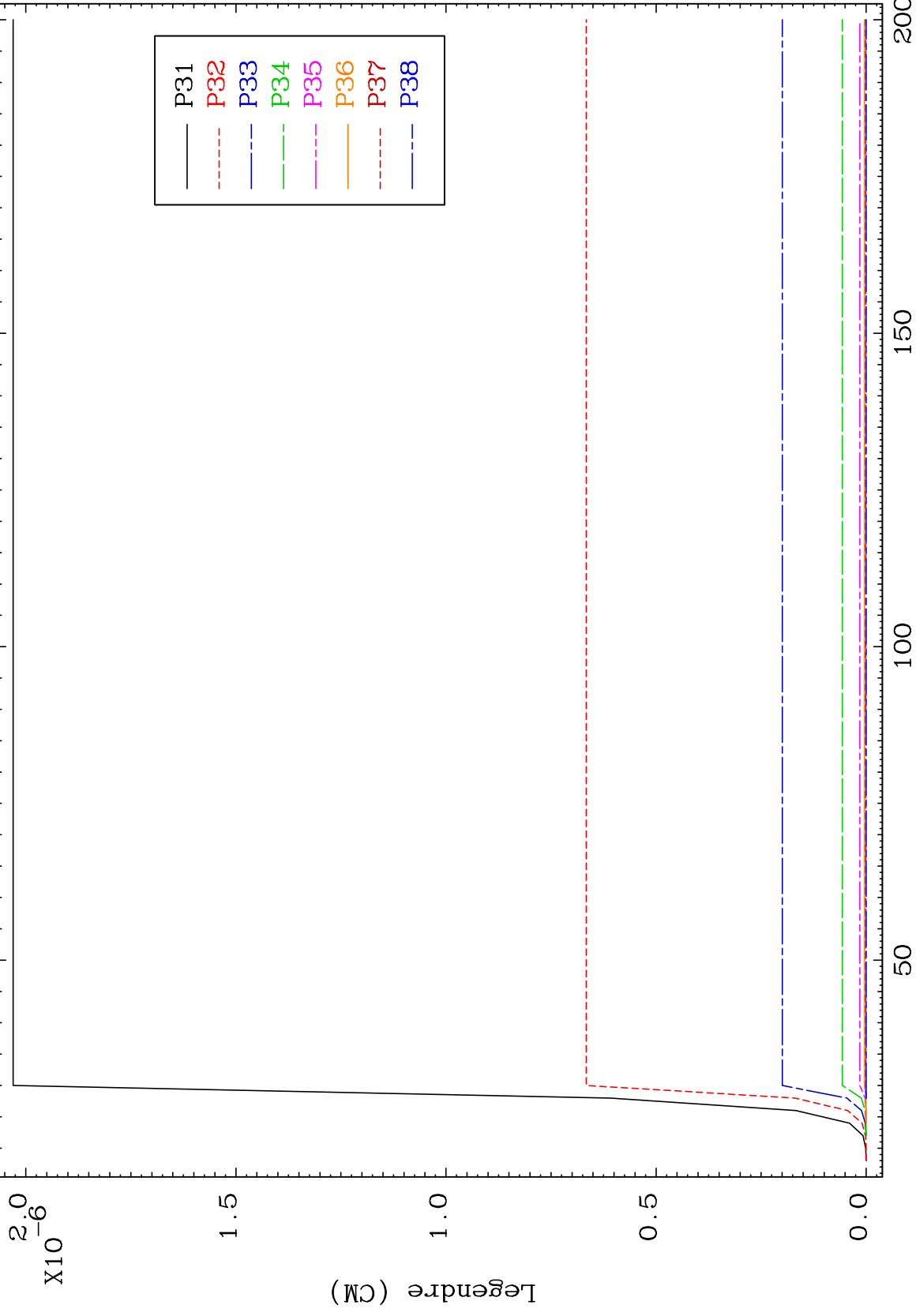
78-Pt-202



MAT 7861

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

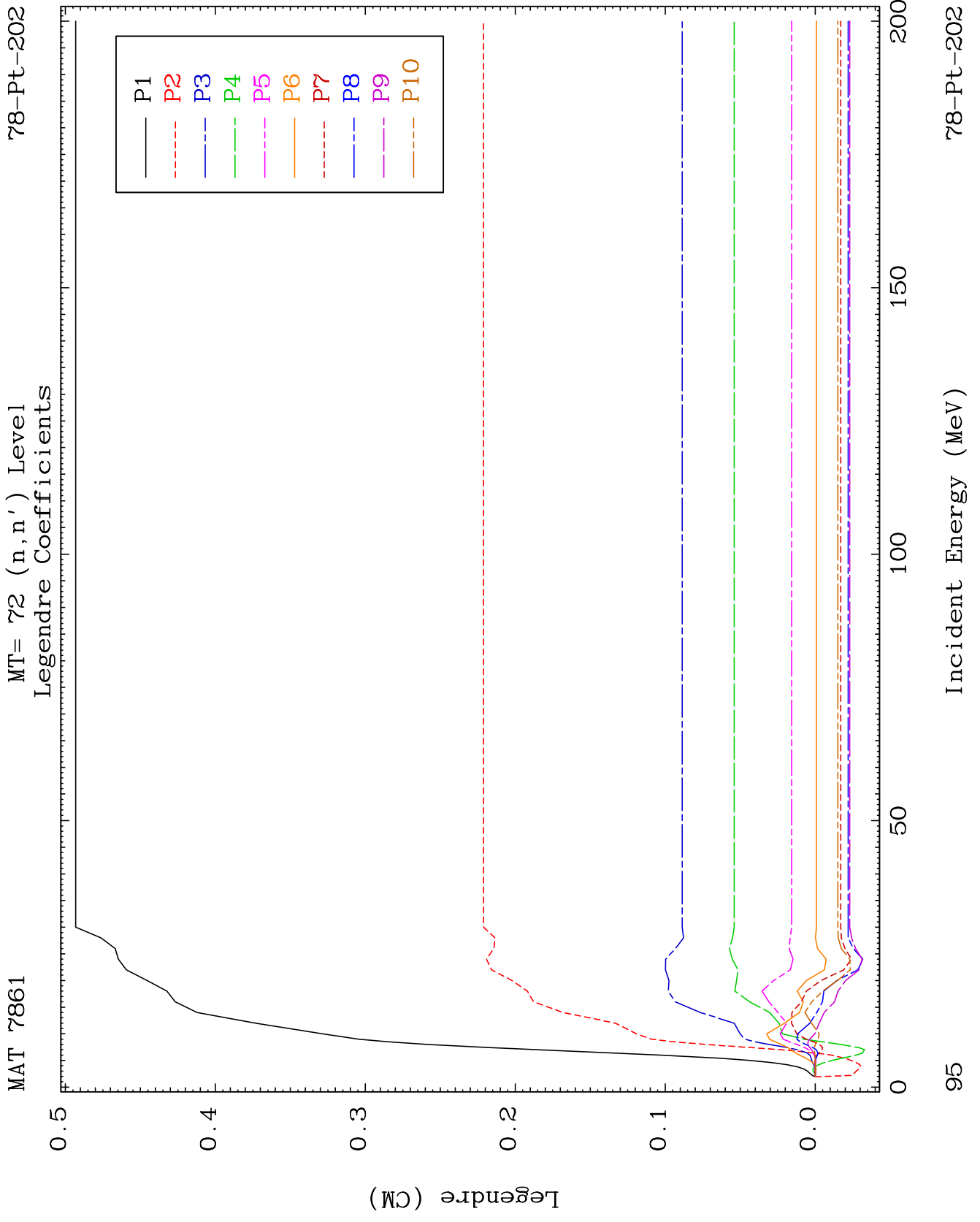
78-Pt-202



94

Incident Energy (MeV)

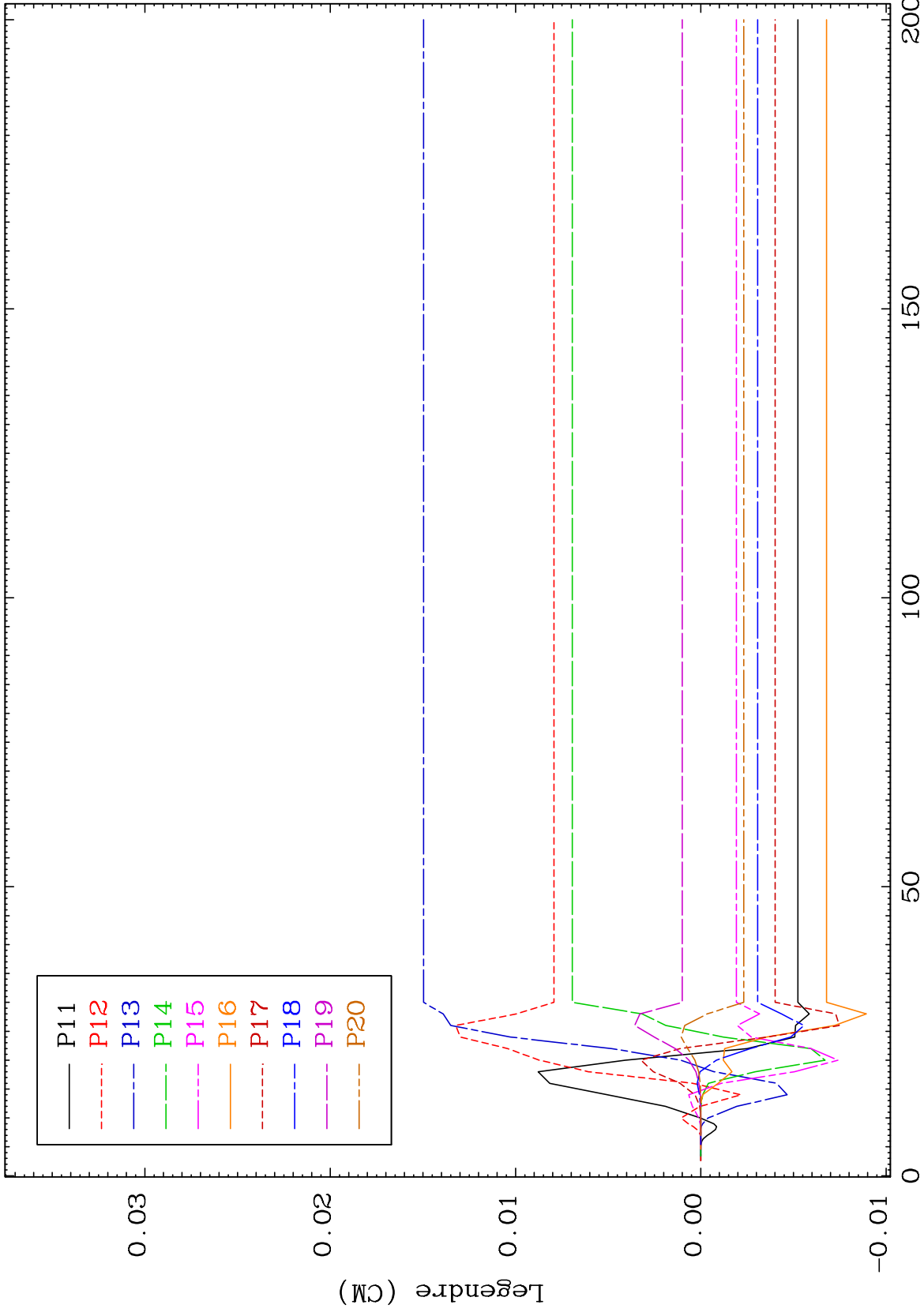
78-Pt-202



MAT 7861

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

78-Pt-202



96

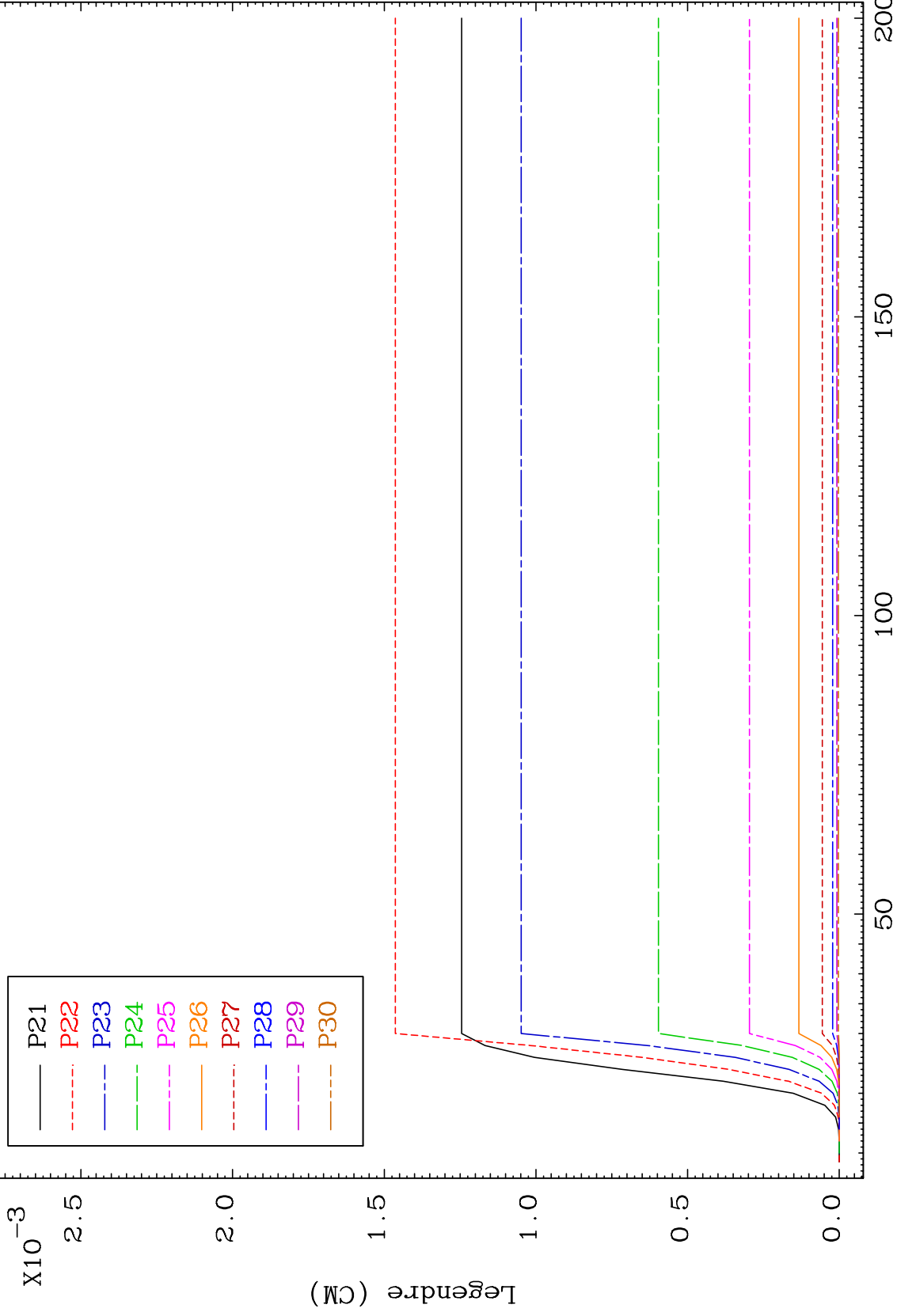
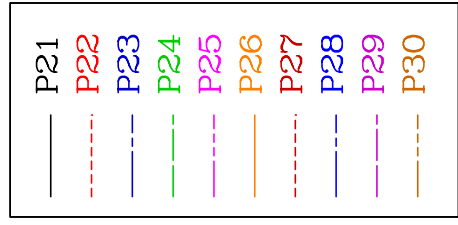
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

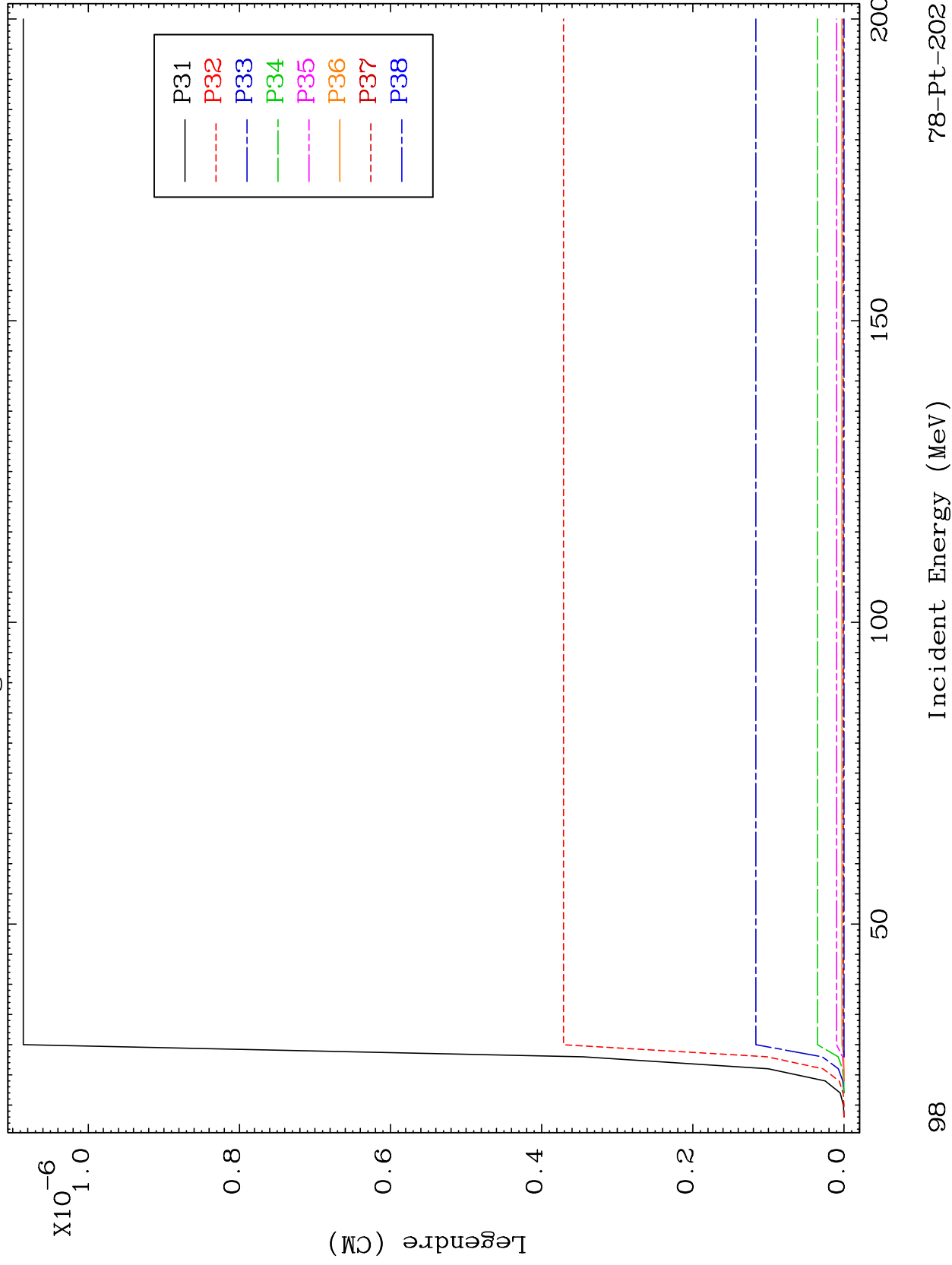
78-Pt-202



MAT 7861

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

78-Pt-202



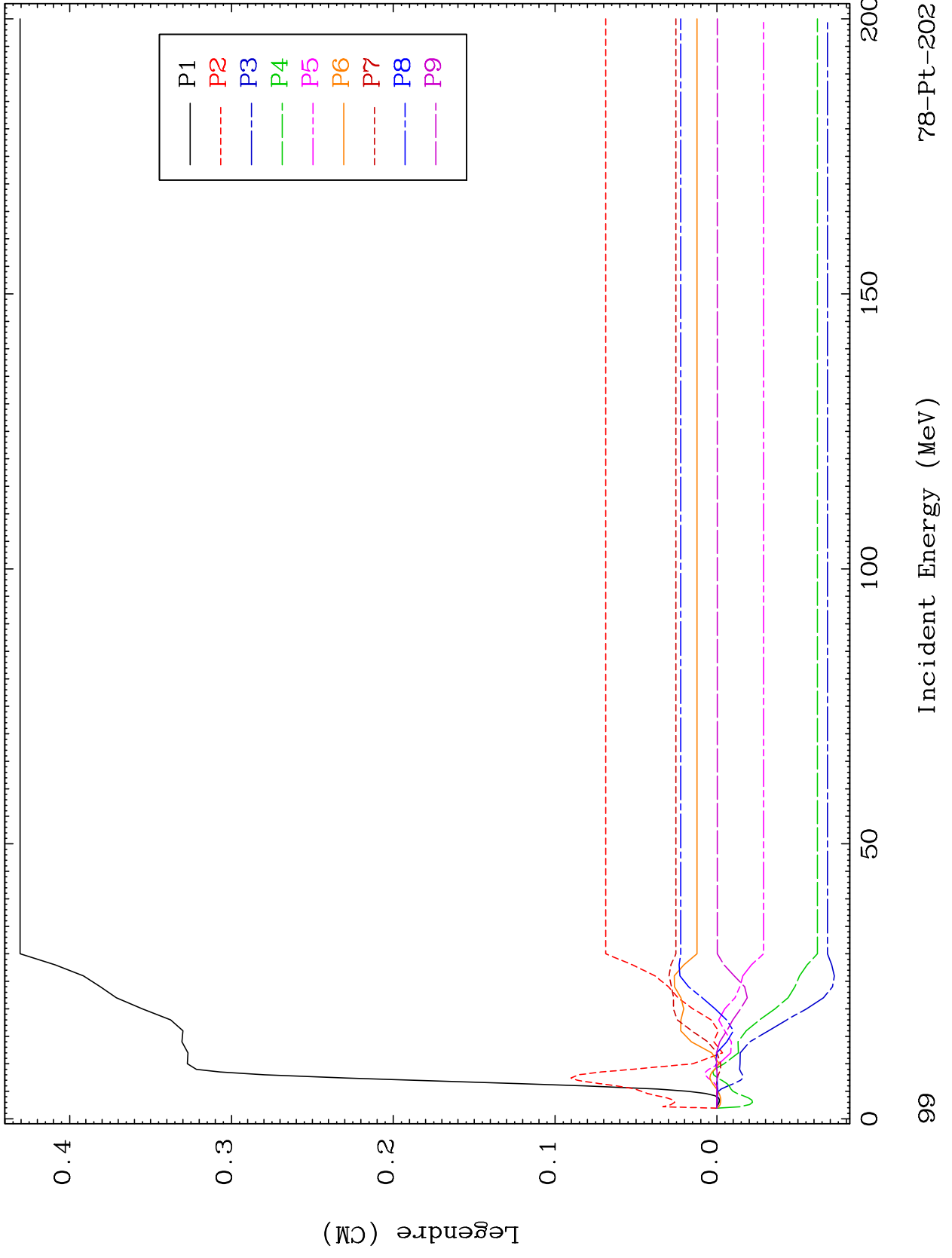
98

78-Pt-202

MAT 7861

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

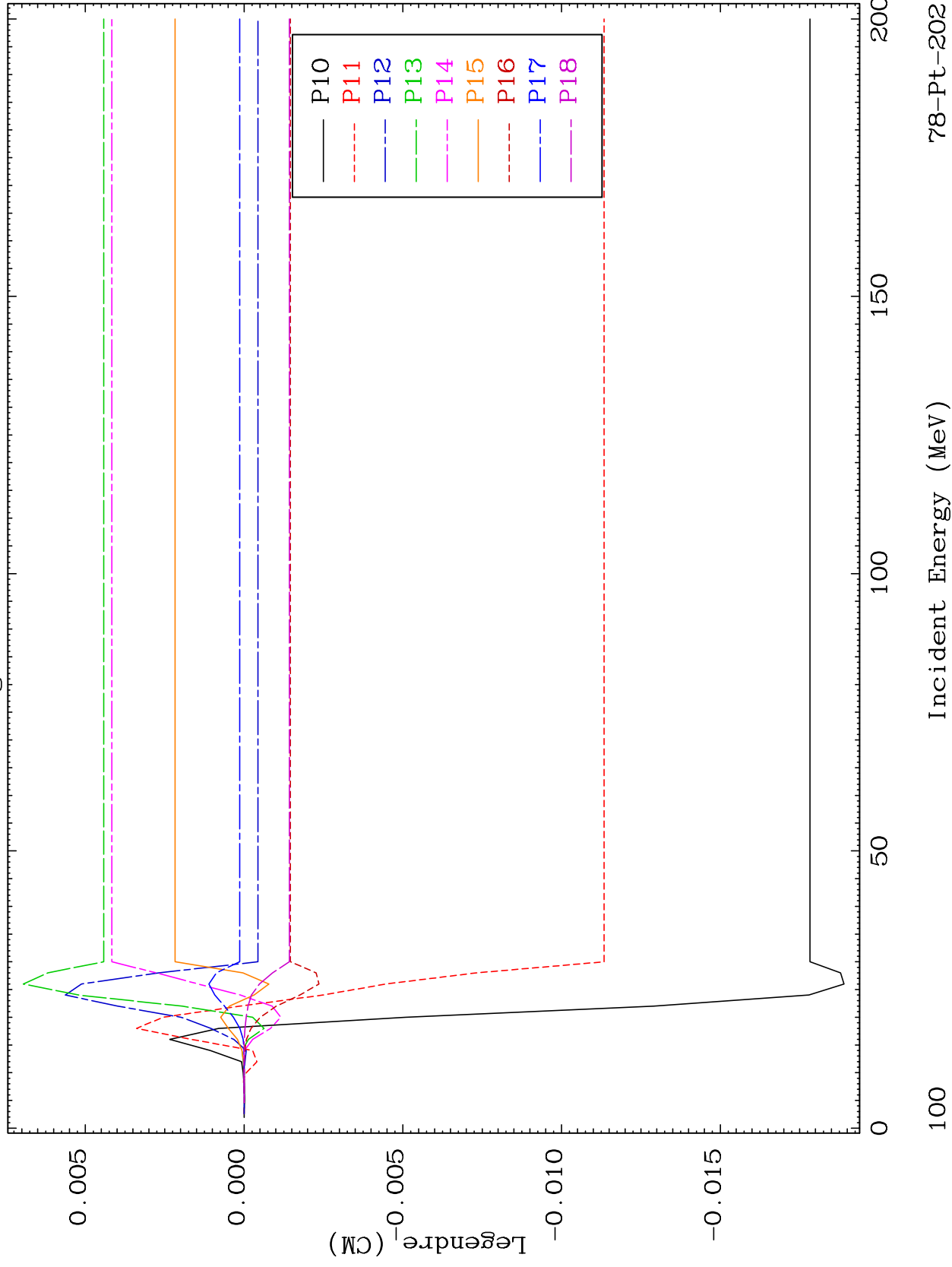
78-Pt-202



MAT 7861

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

78-Pt-202



78-Pt-202

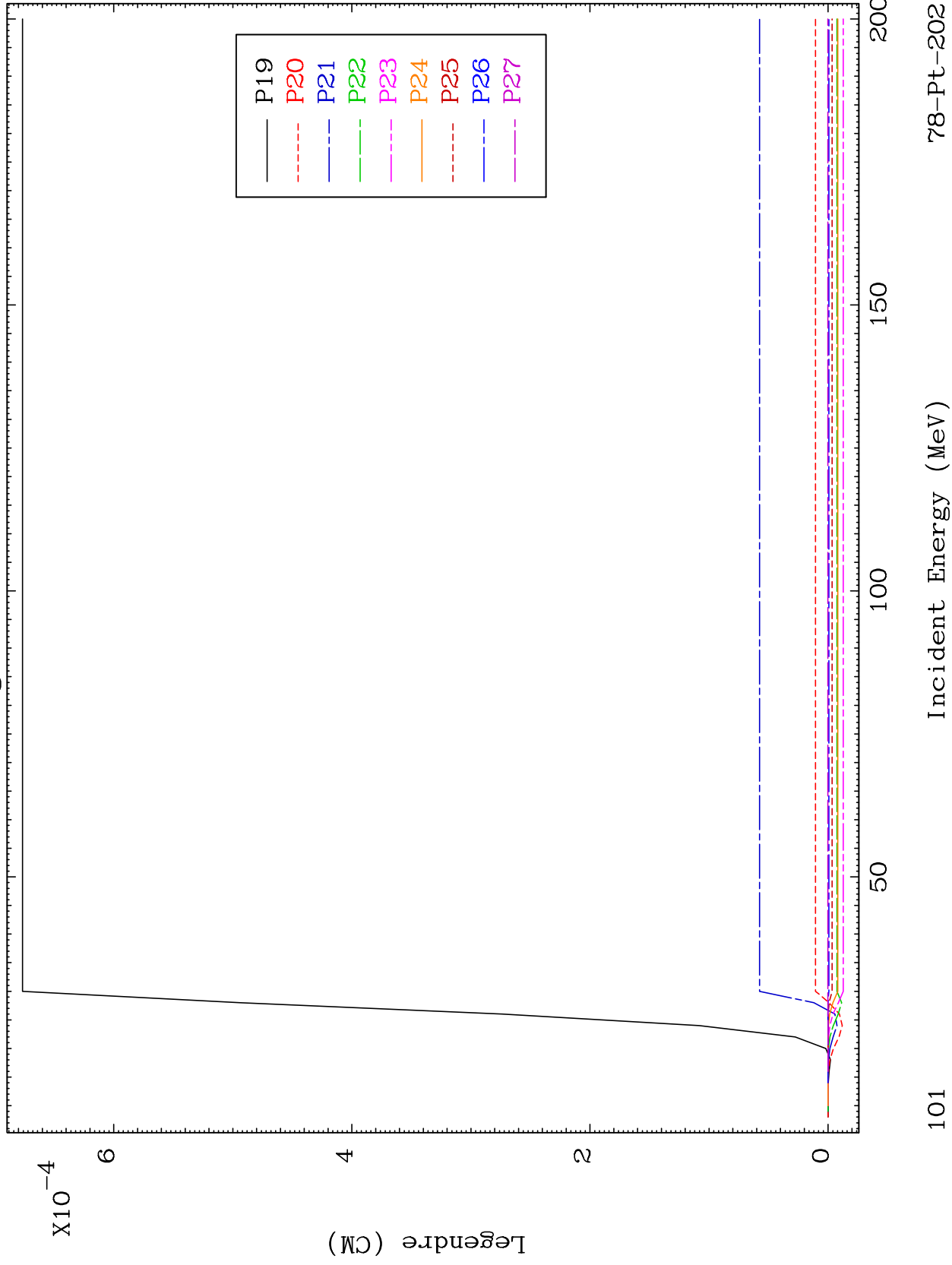
Incident Energy (MeV)

100

MAT 7861

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

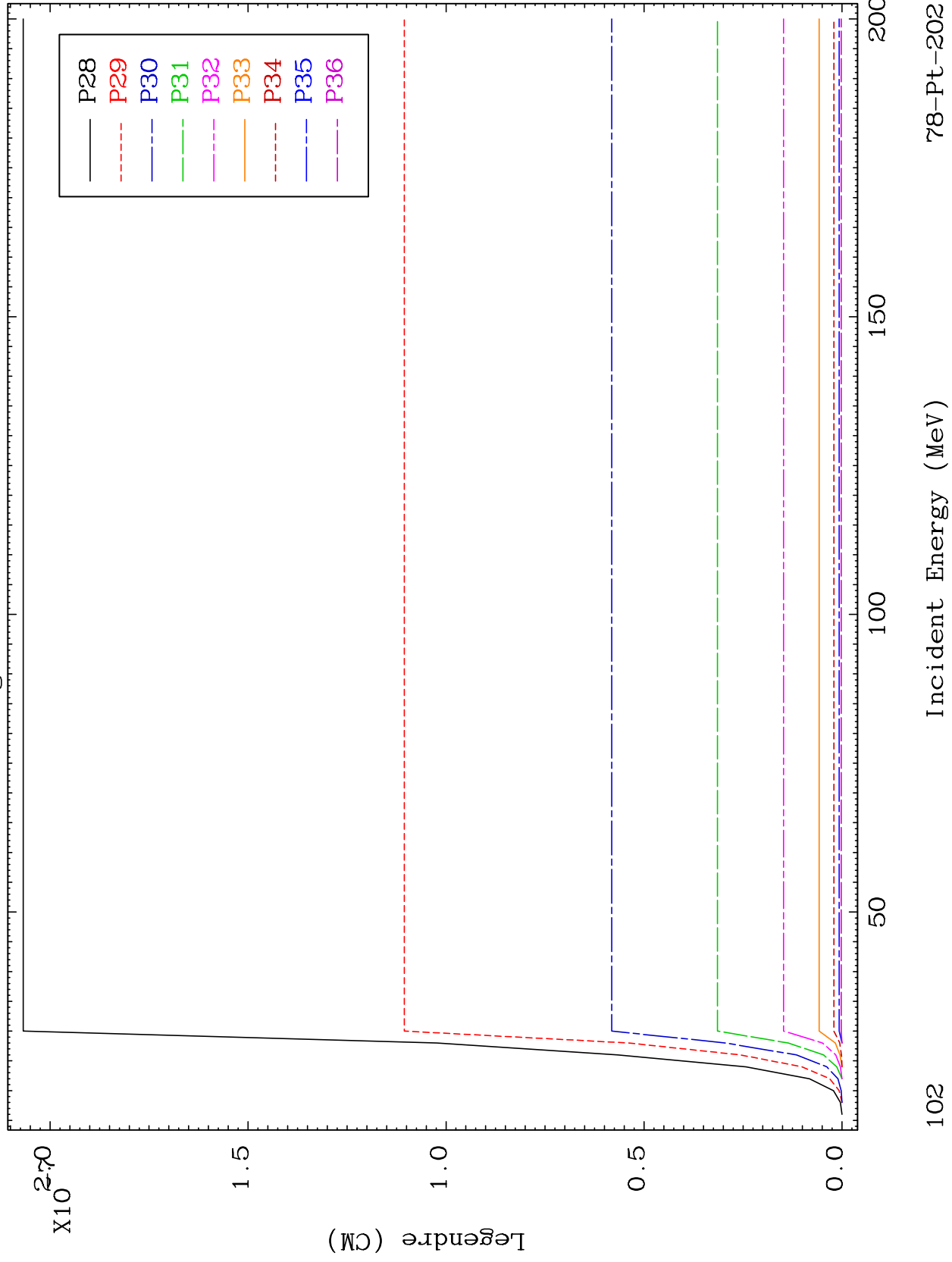
78-Pt-202



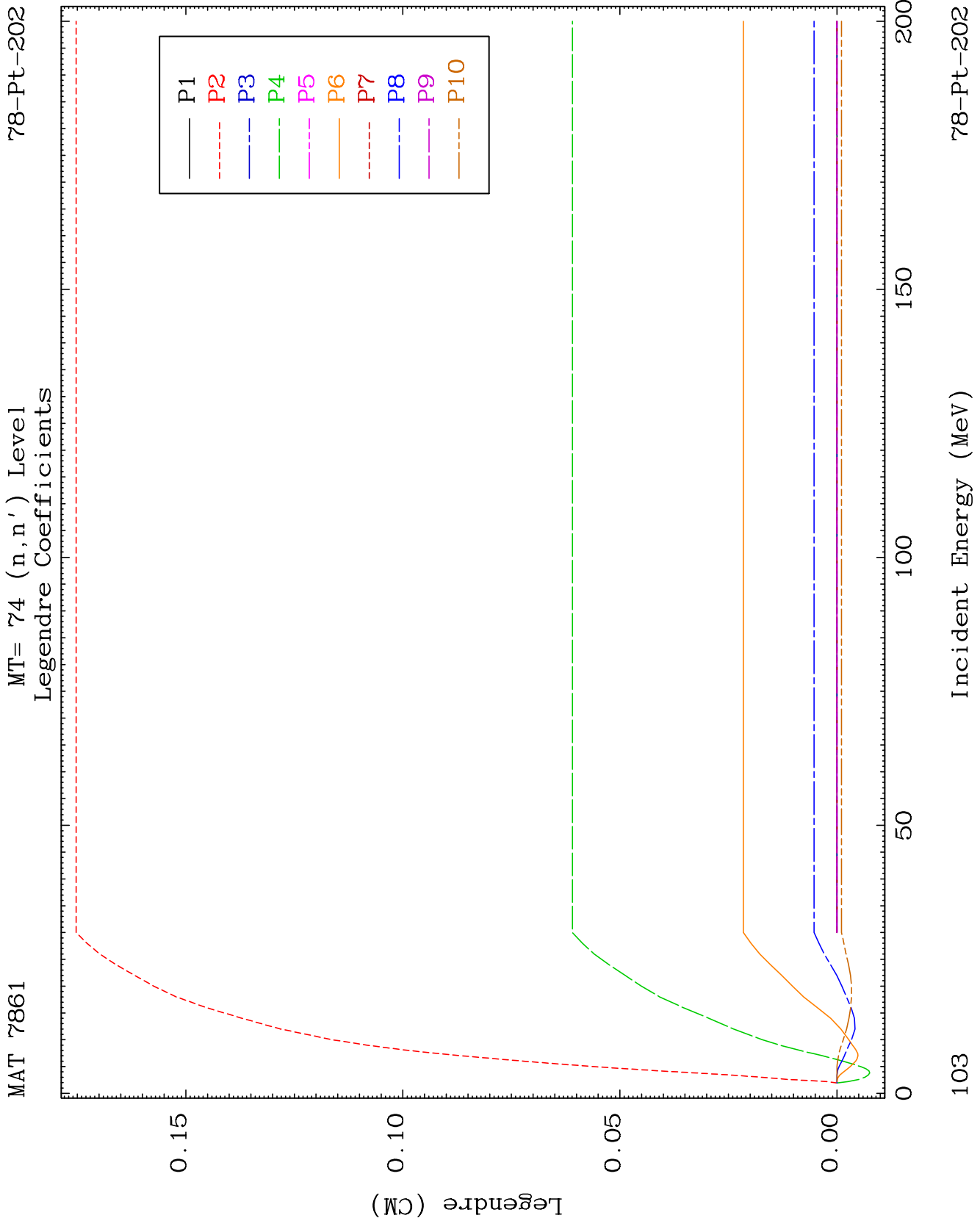
MAT 7861

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

78-Pt-202



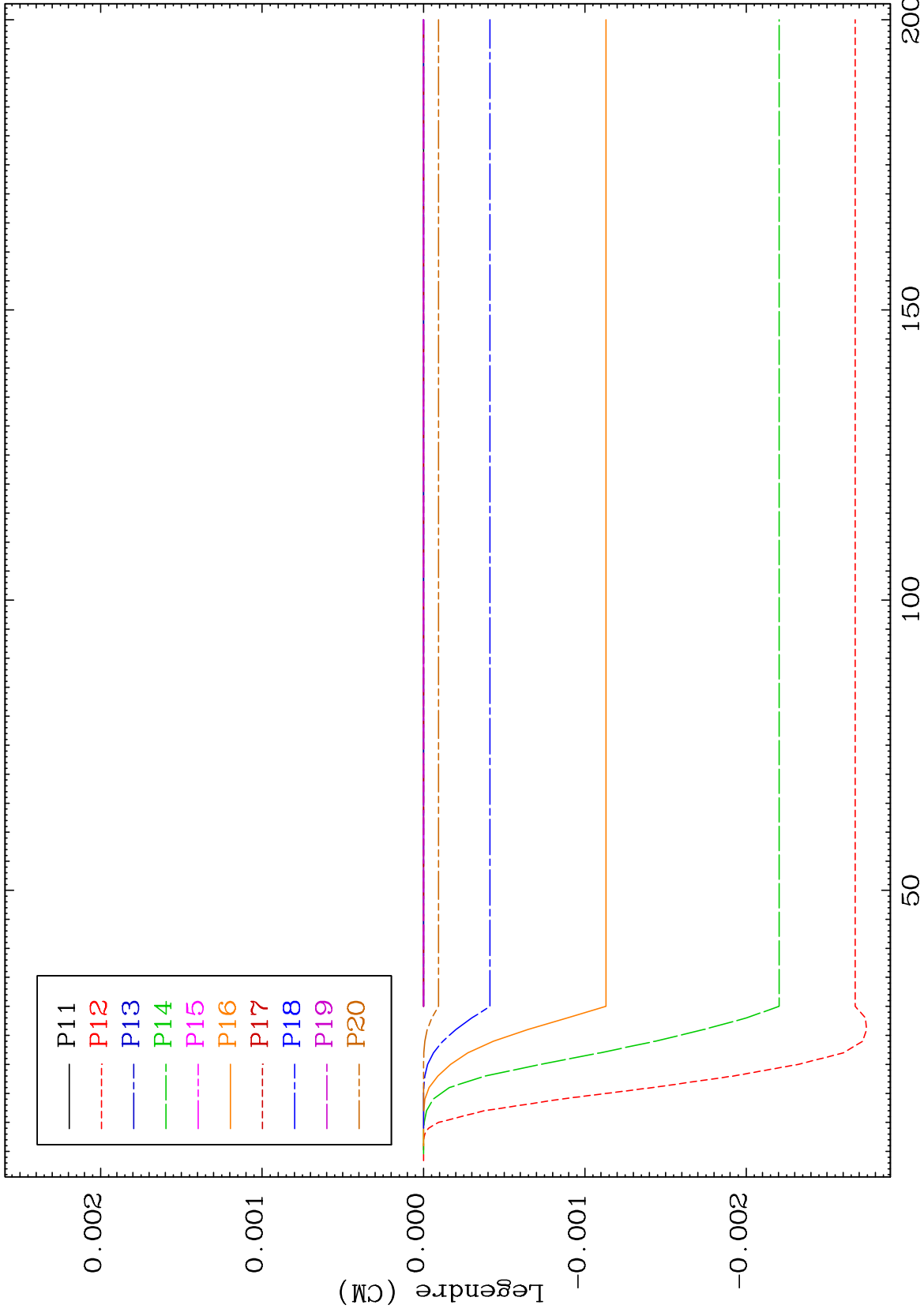
102



MAT 7861

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

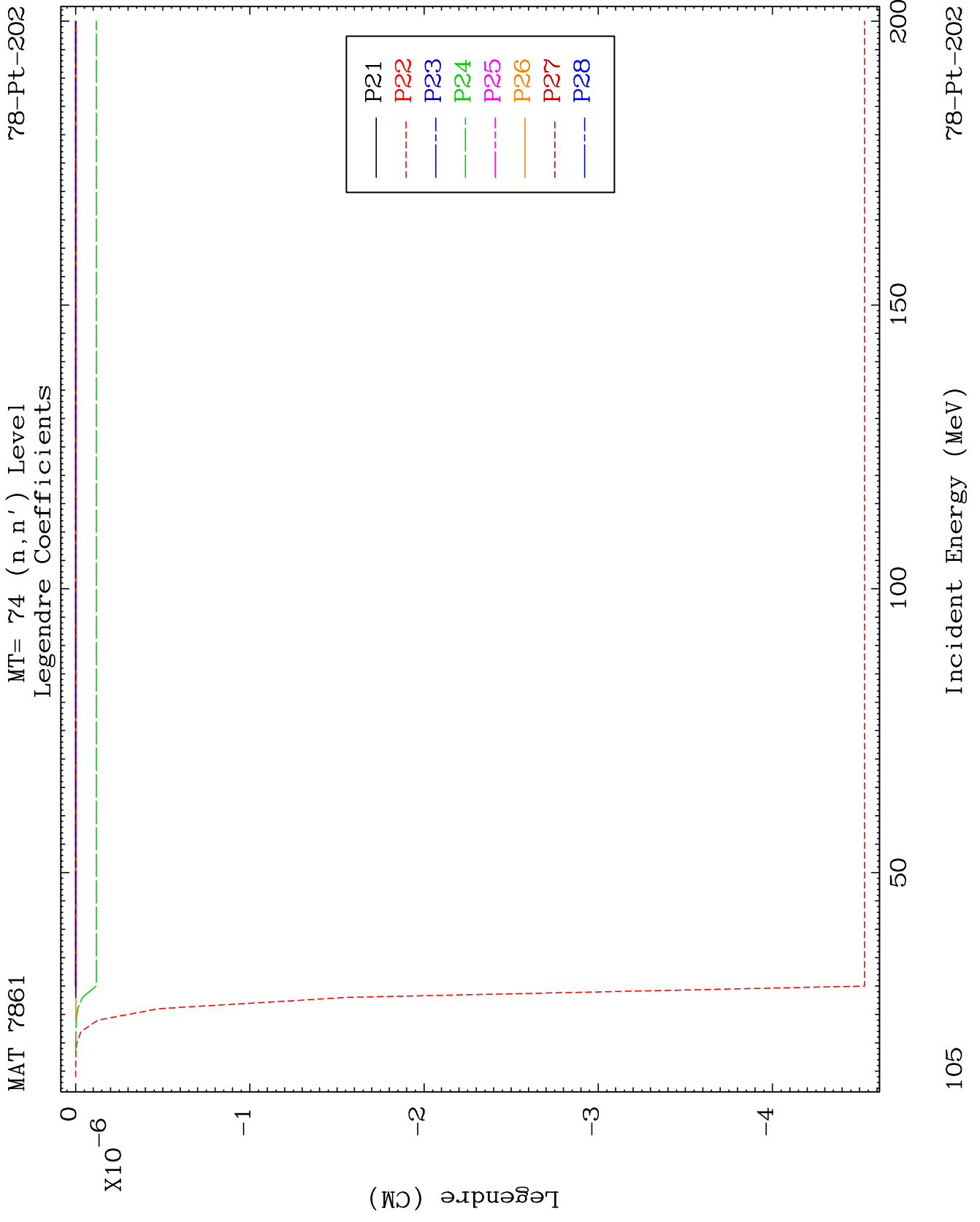
78-Pt-202



104

Incident Energy (MeV)

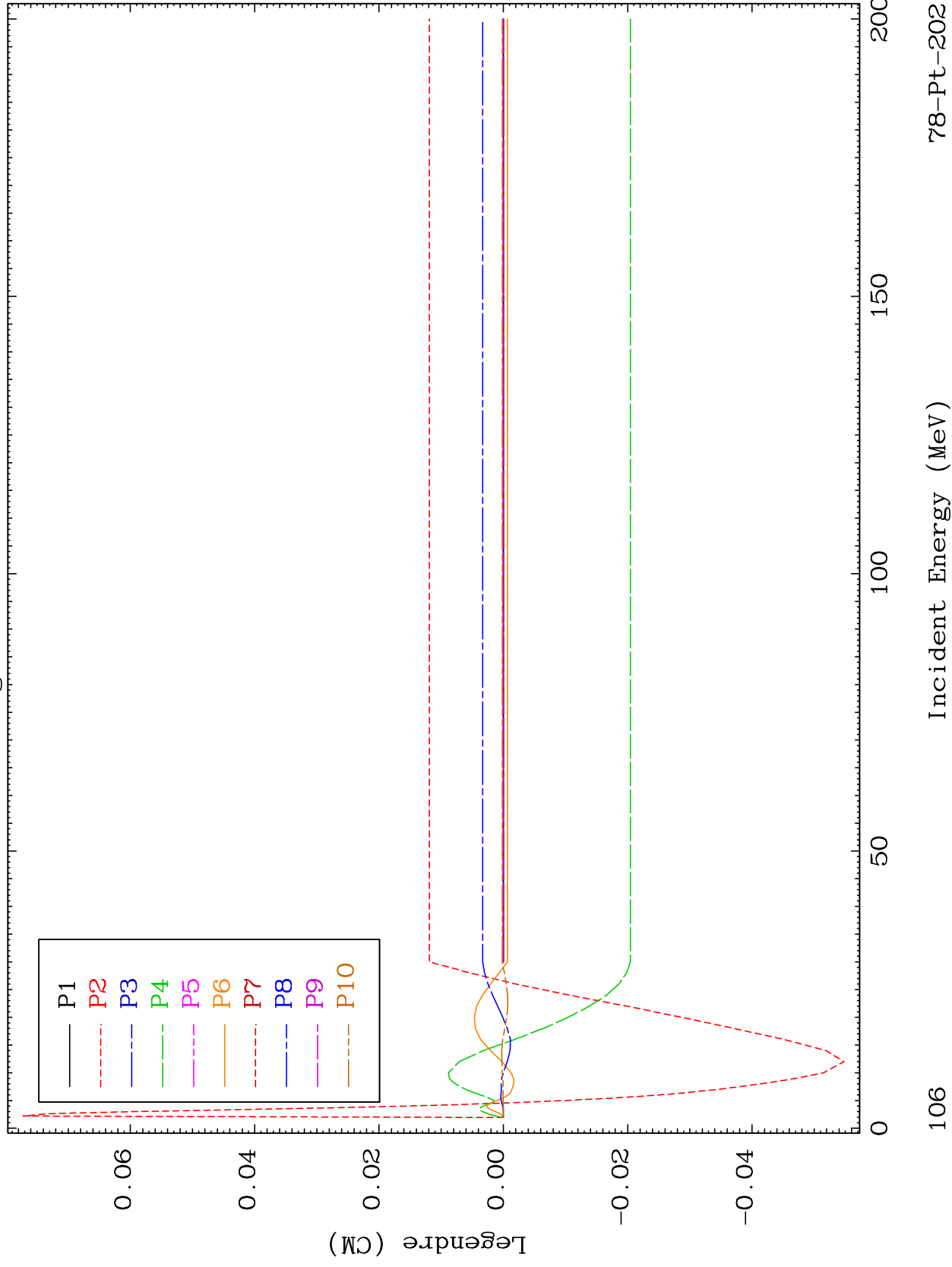
78-Pt-202



MAT 7861

MT= 75 (n,n') Level
Legendre Coefficients

78-Pt-202



78-Pt-202

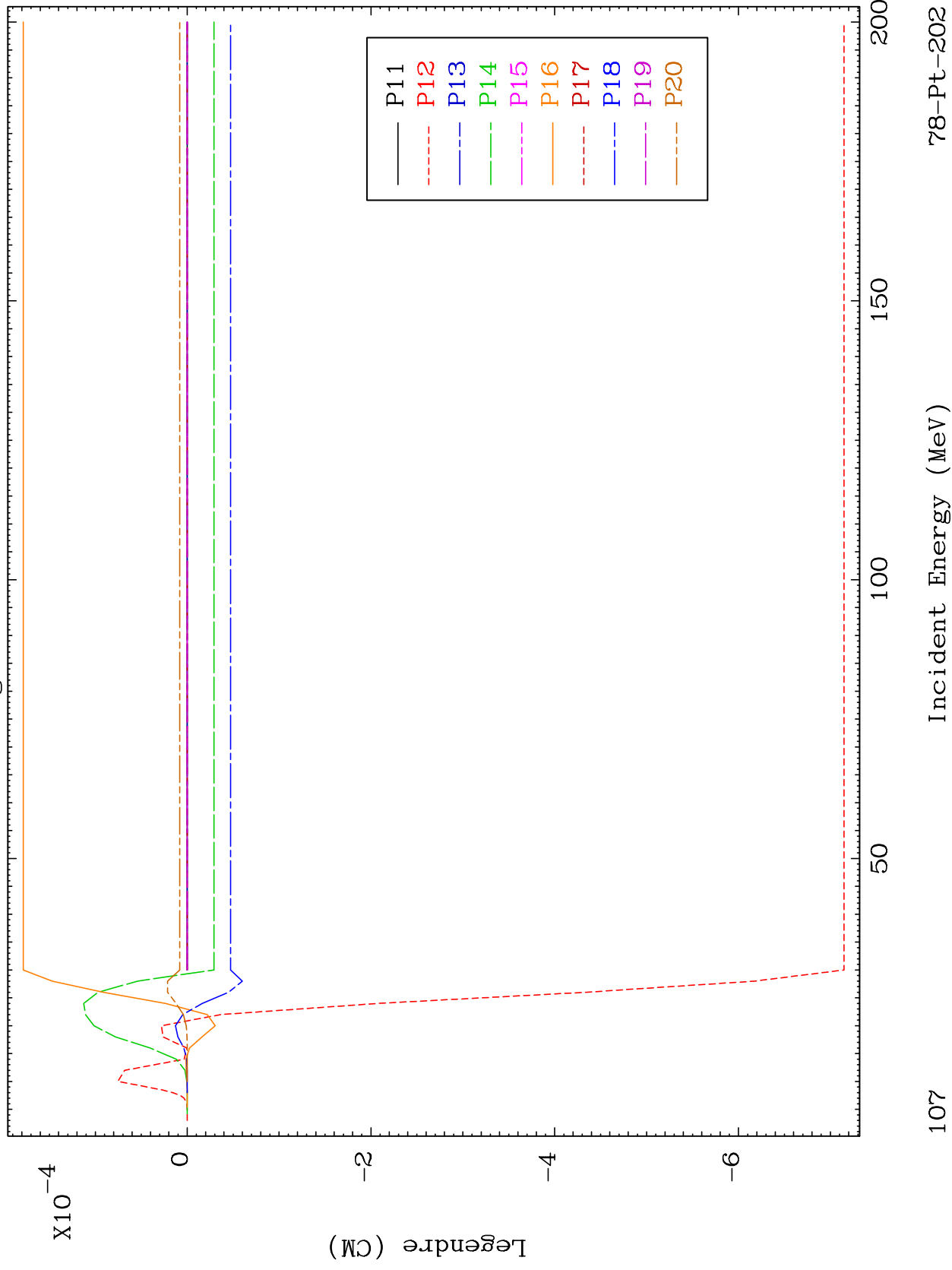
Incident Energy (MeV)

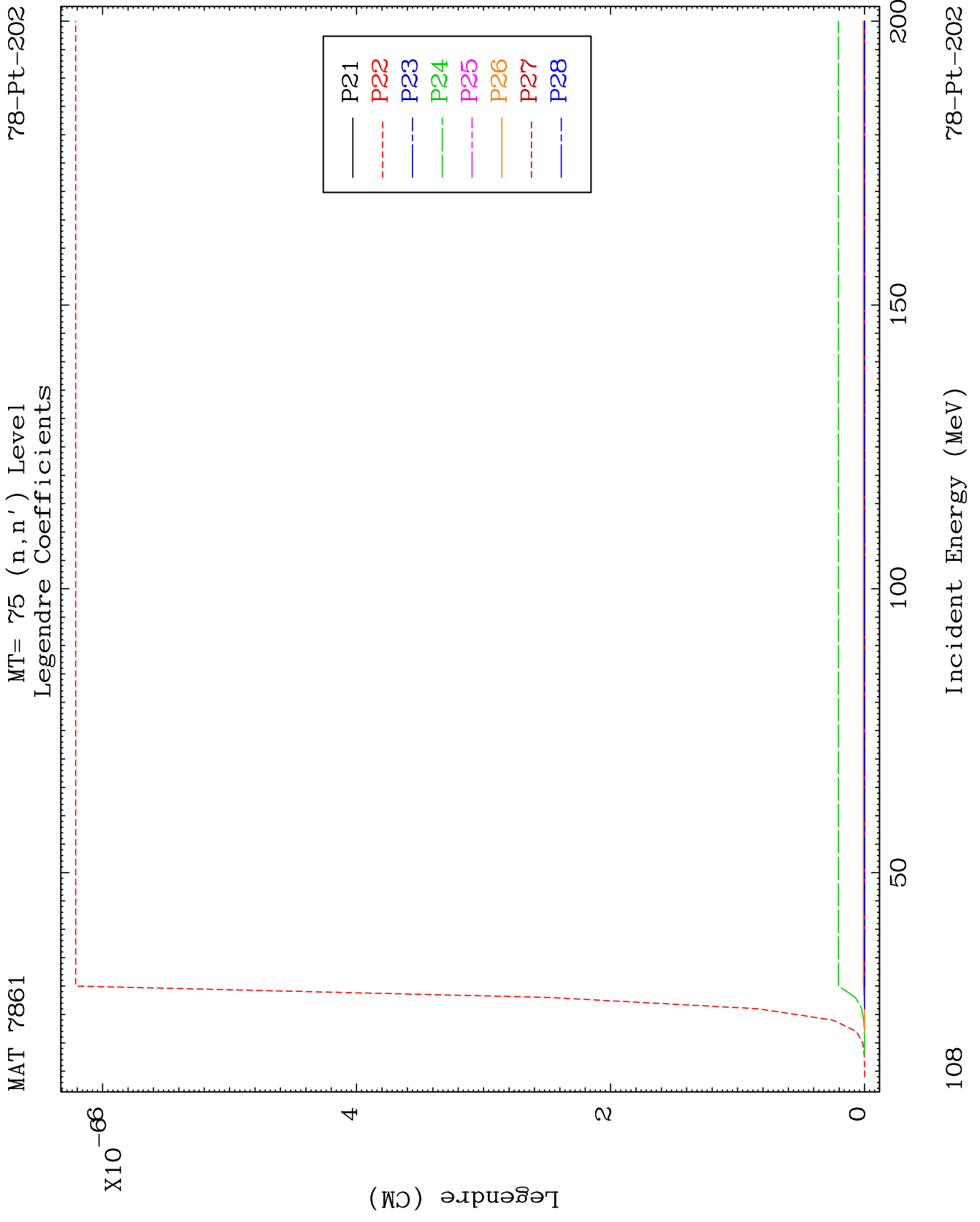
106

MAT 7861

78-Pt-202

MT= 75 (n,n') Level
Legendre Coefficients

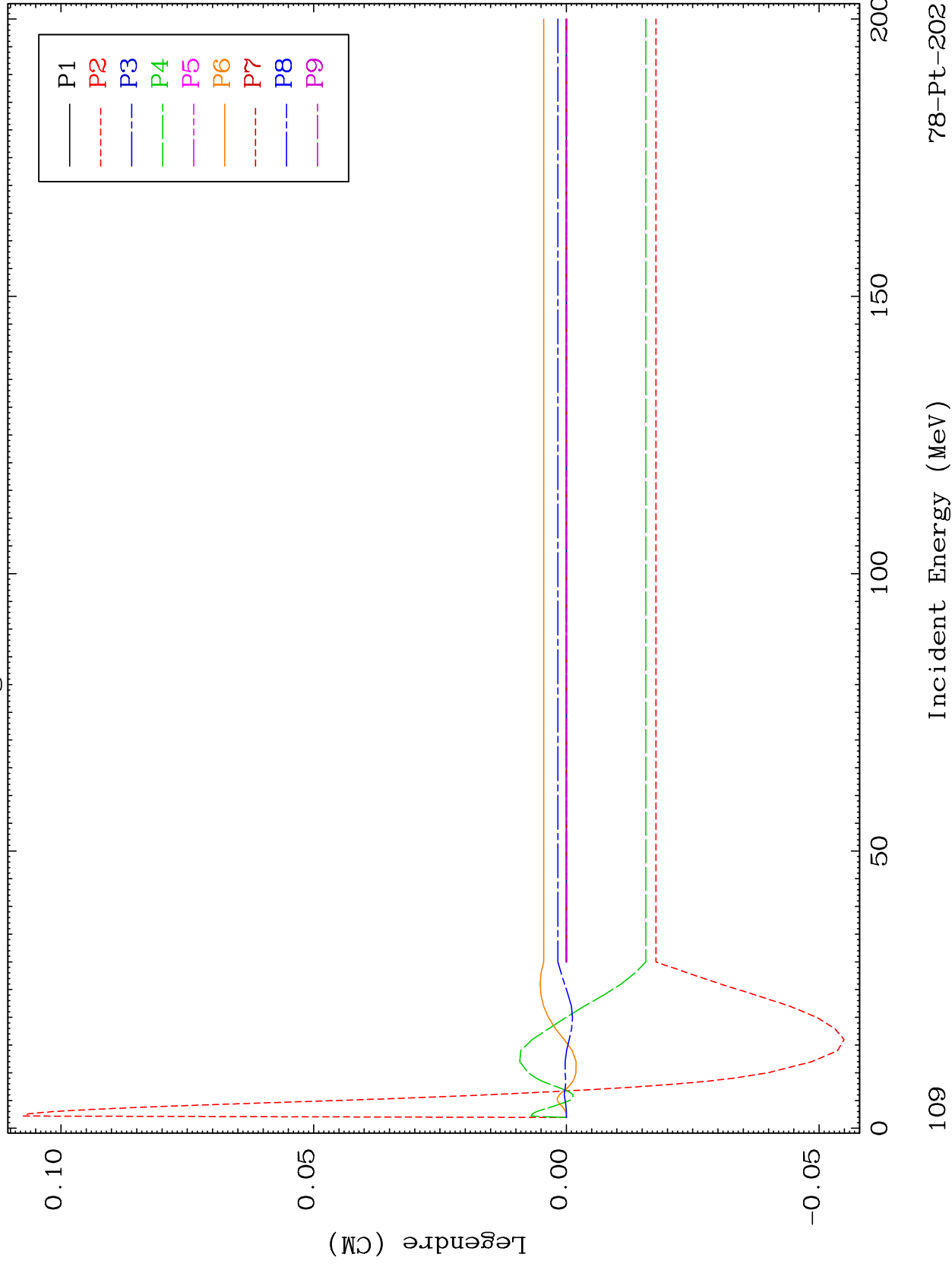




MAT 7861

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

78-Pt-202



78-Pt-202

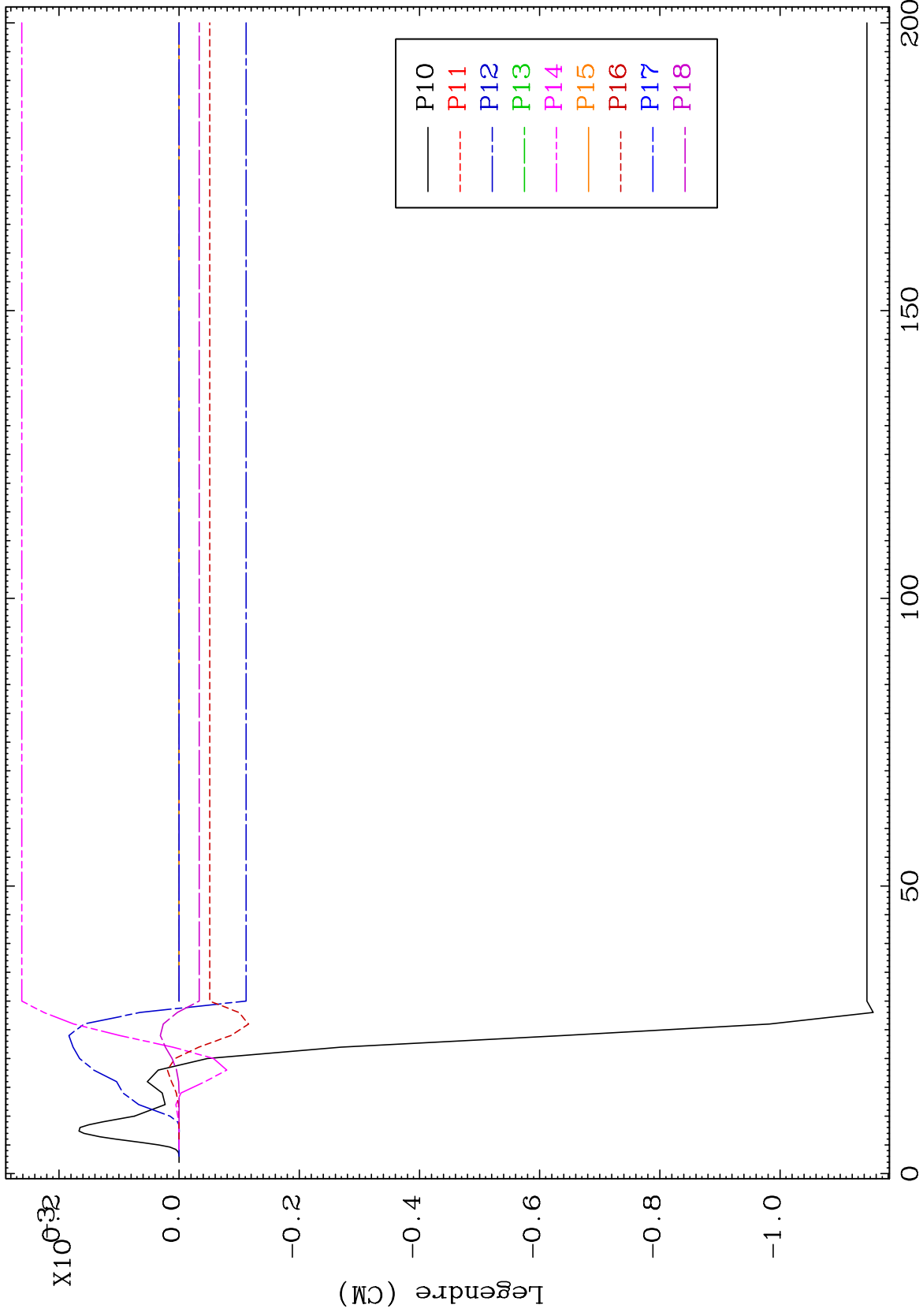
Incident Energy (MeV)

109

MAT 7861

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

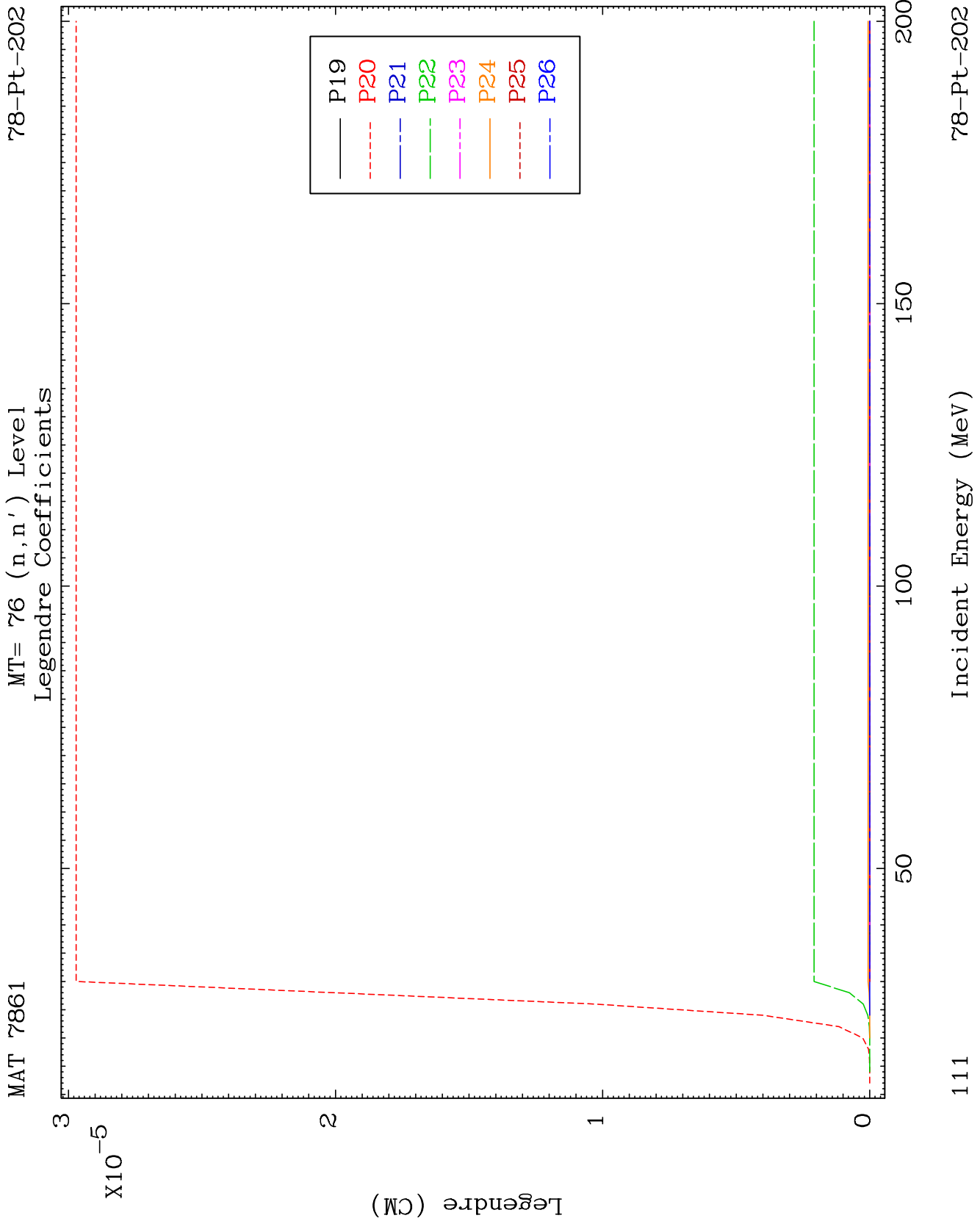
78-Pt-202



110

Incident Energy (MeV)

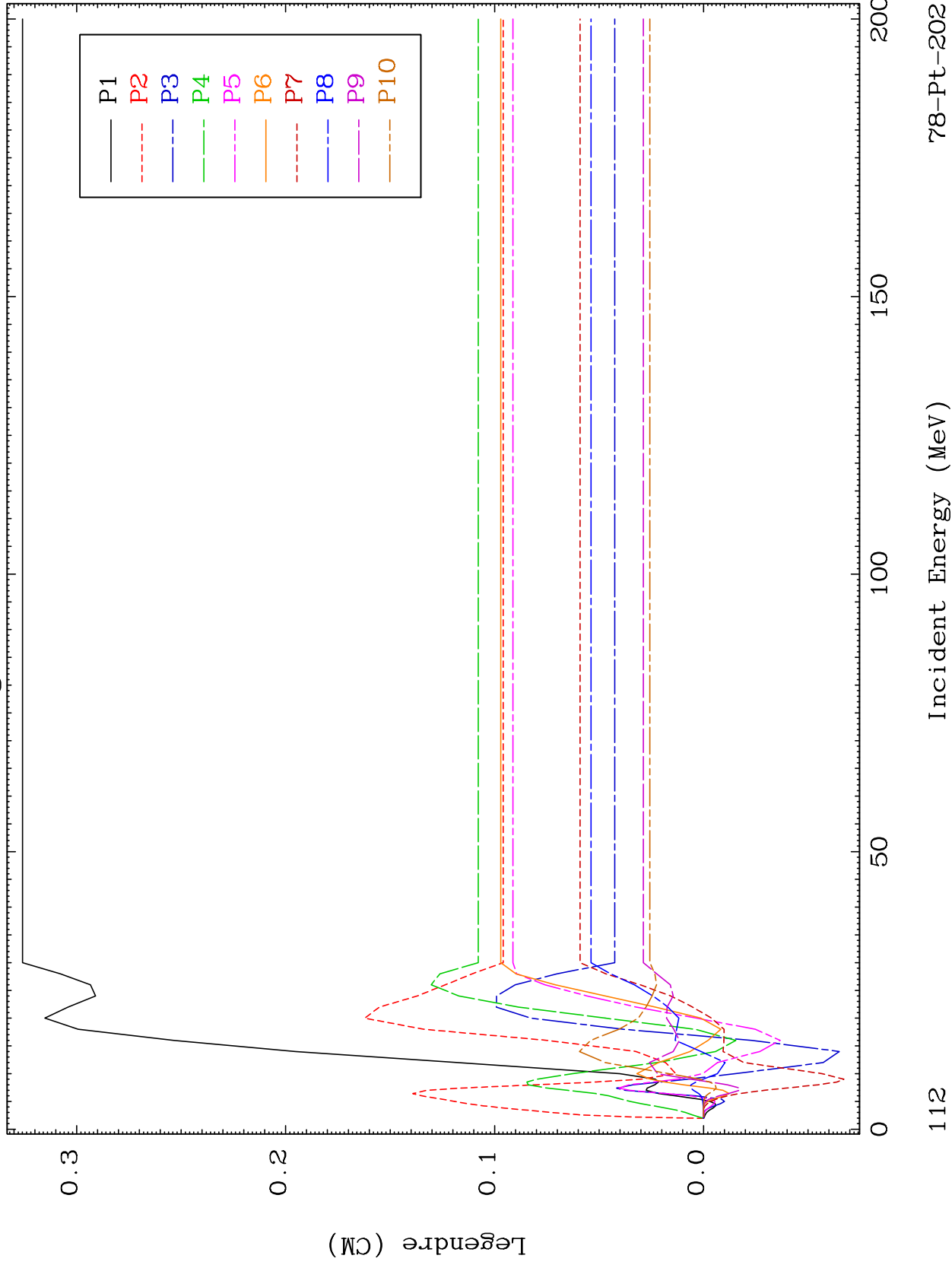
78-Pt-202



MAT 7861

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

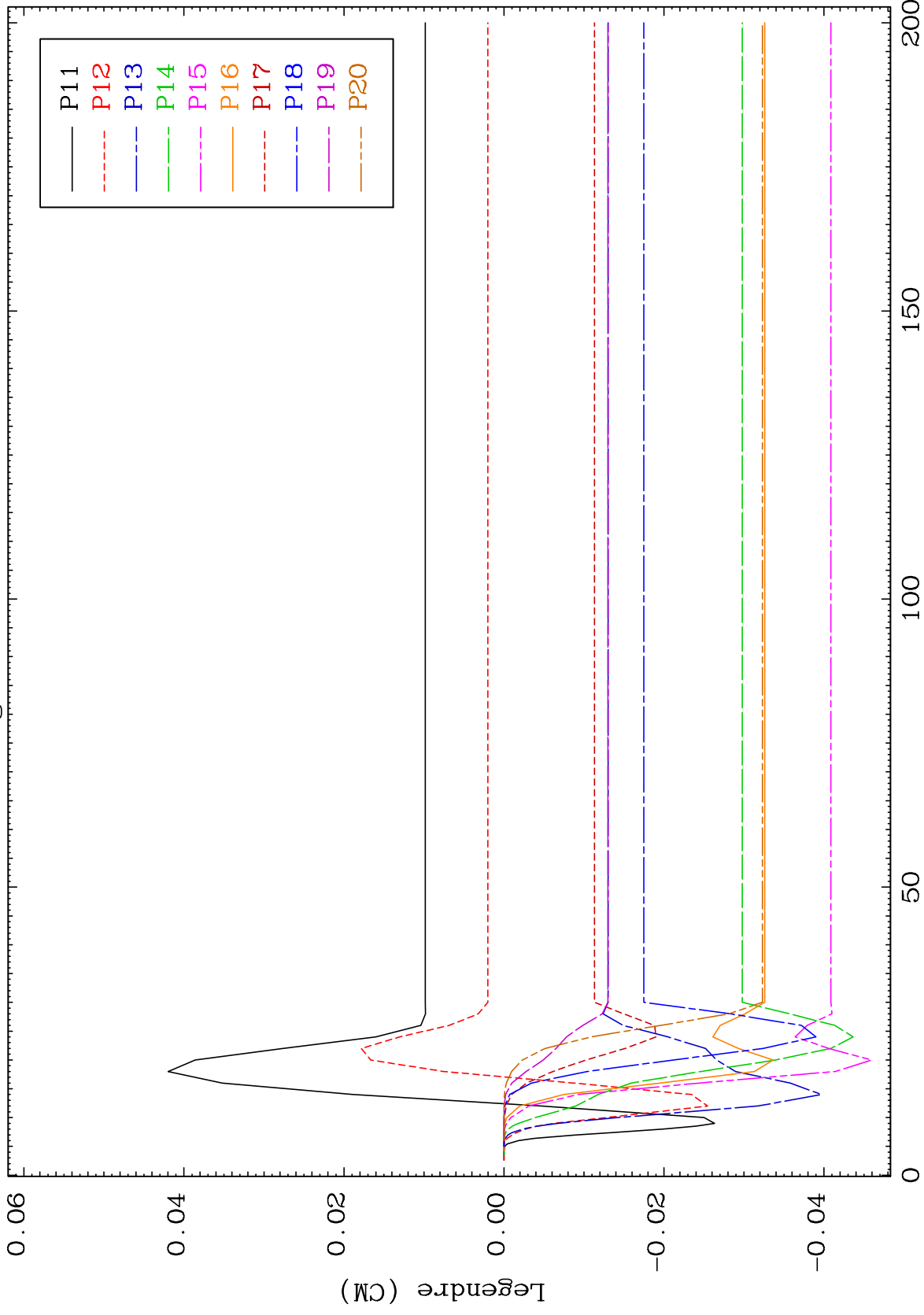
78-Pt-202



MAT 7861

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

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113

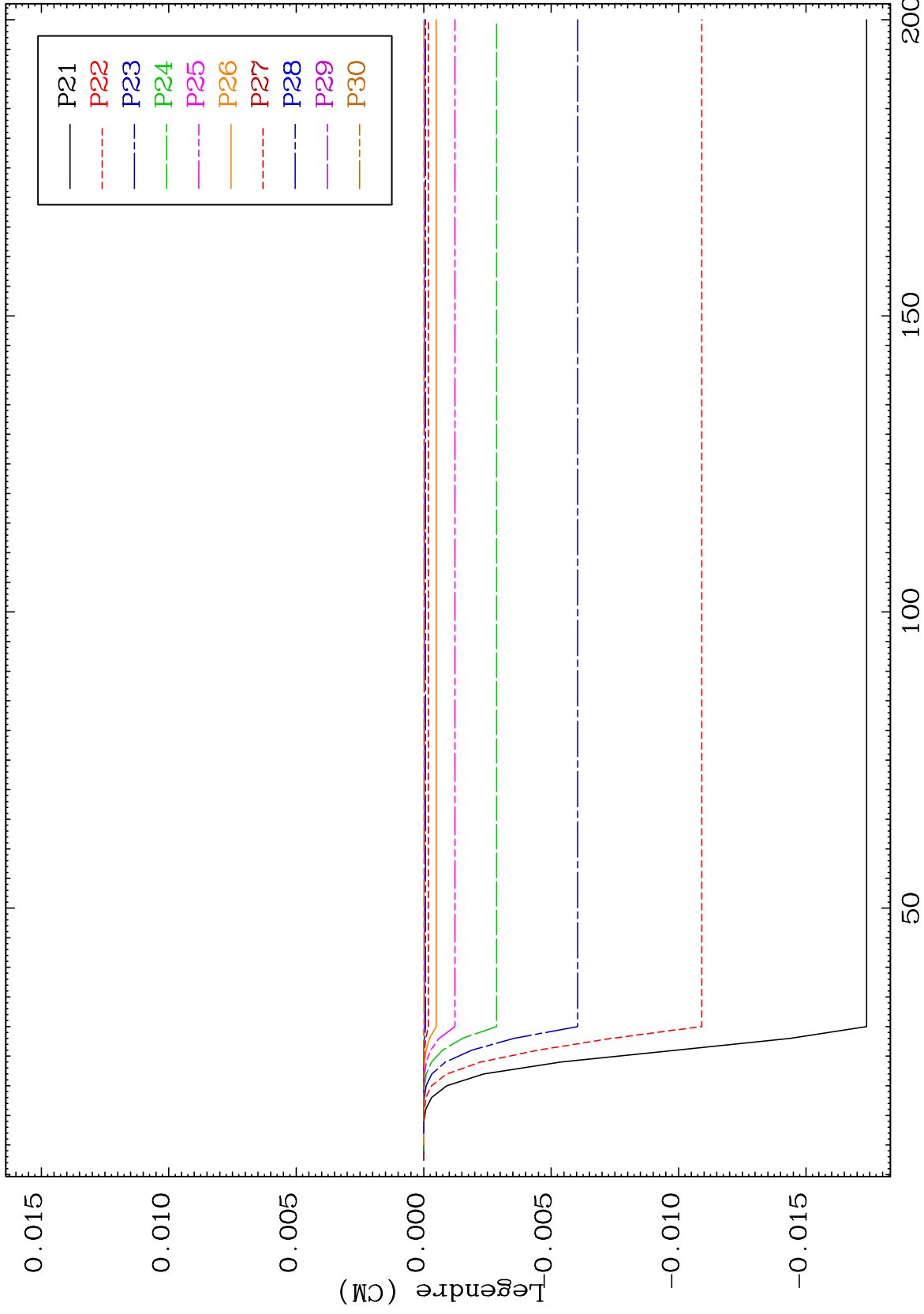
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

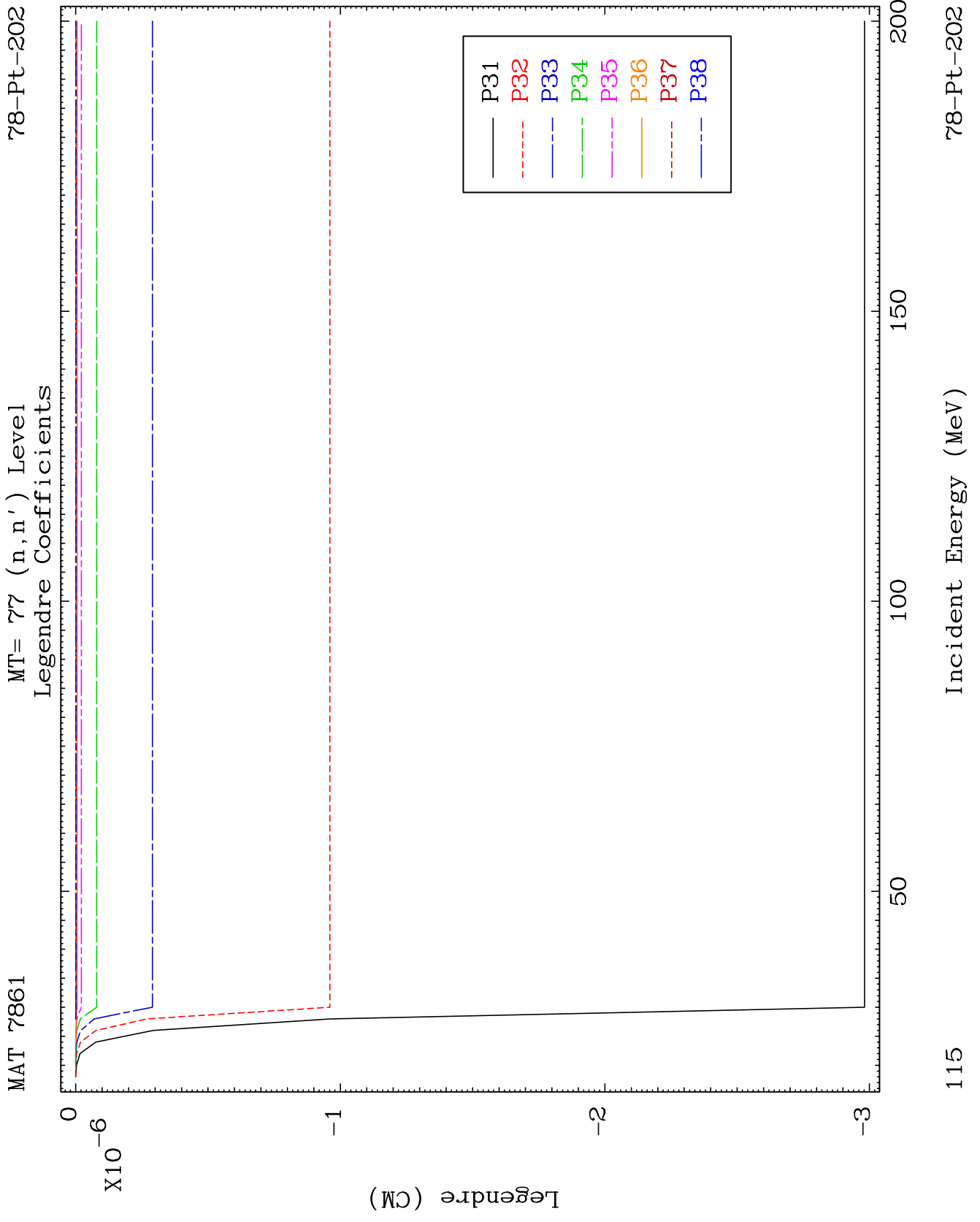
78-Pt-202



114

Incident Energy (MeV)

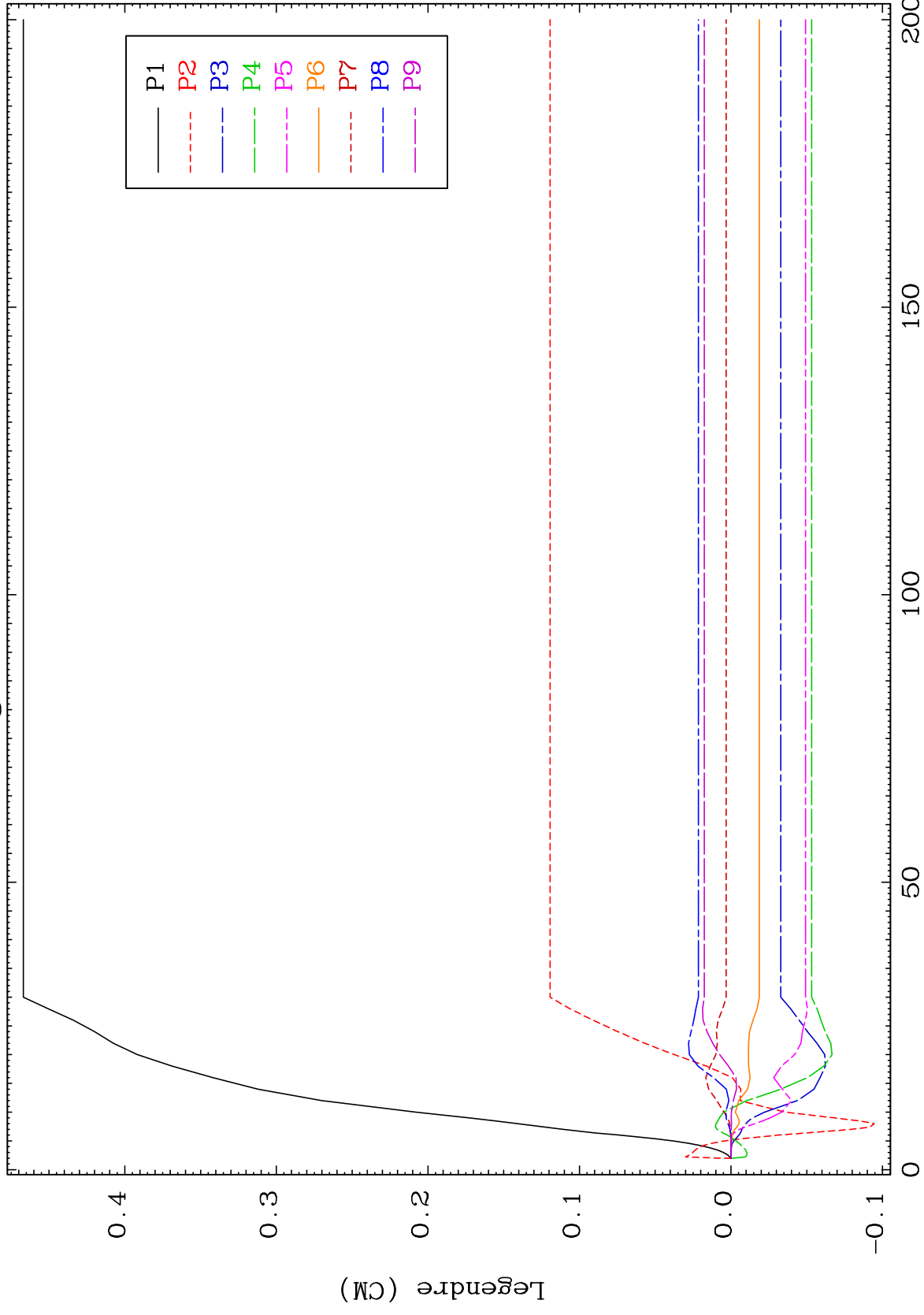
78-Pt-202



MAT 7861

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

78-Pt-202



116

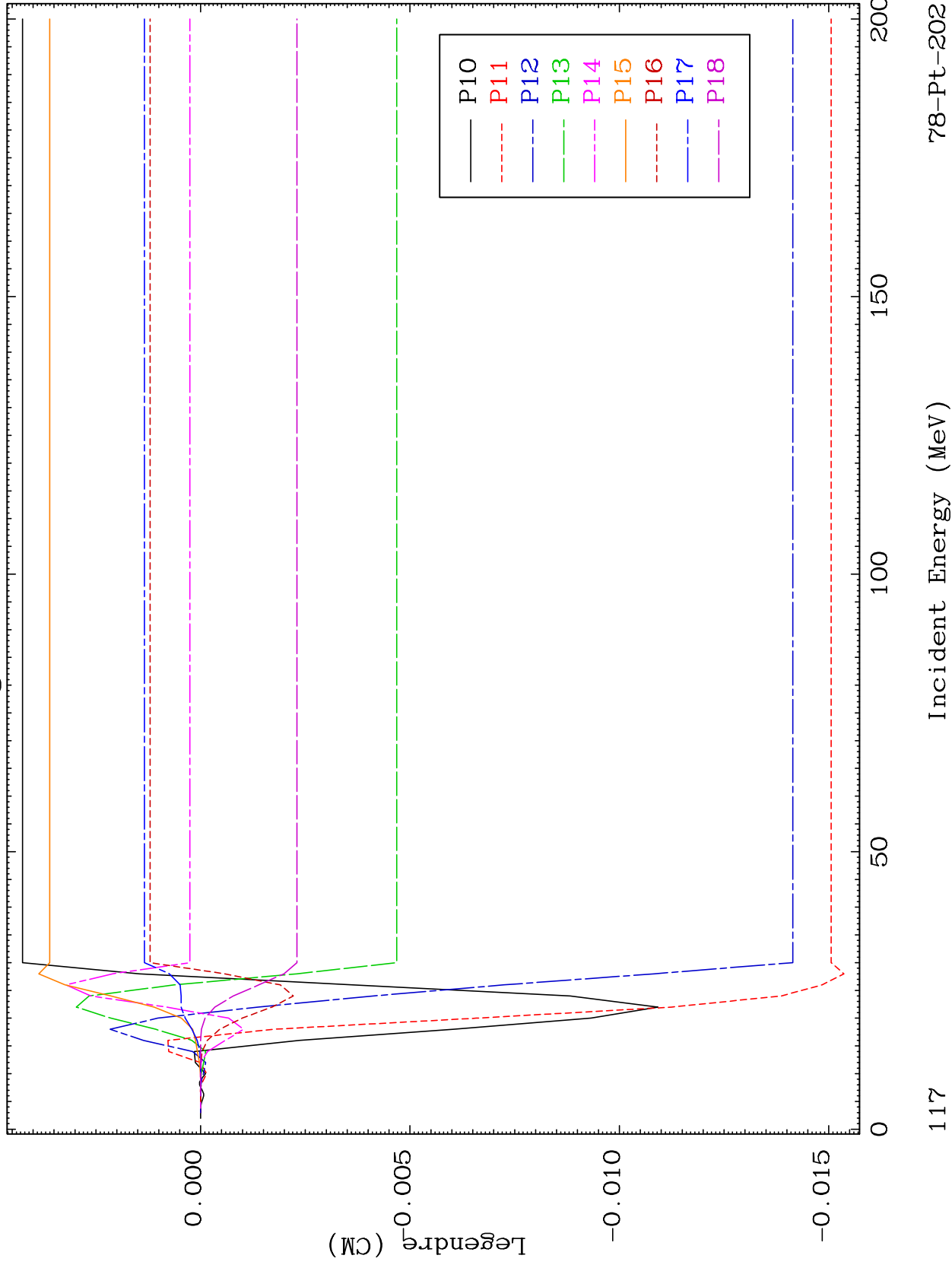
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

78-Pt-202



117

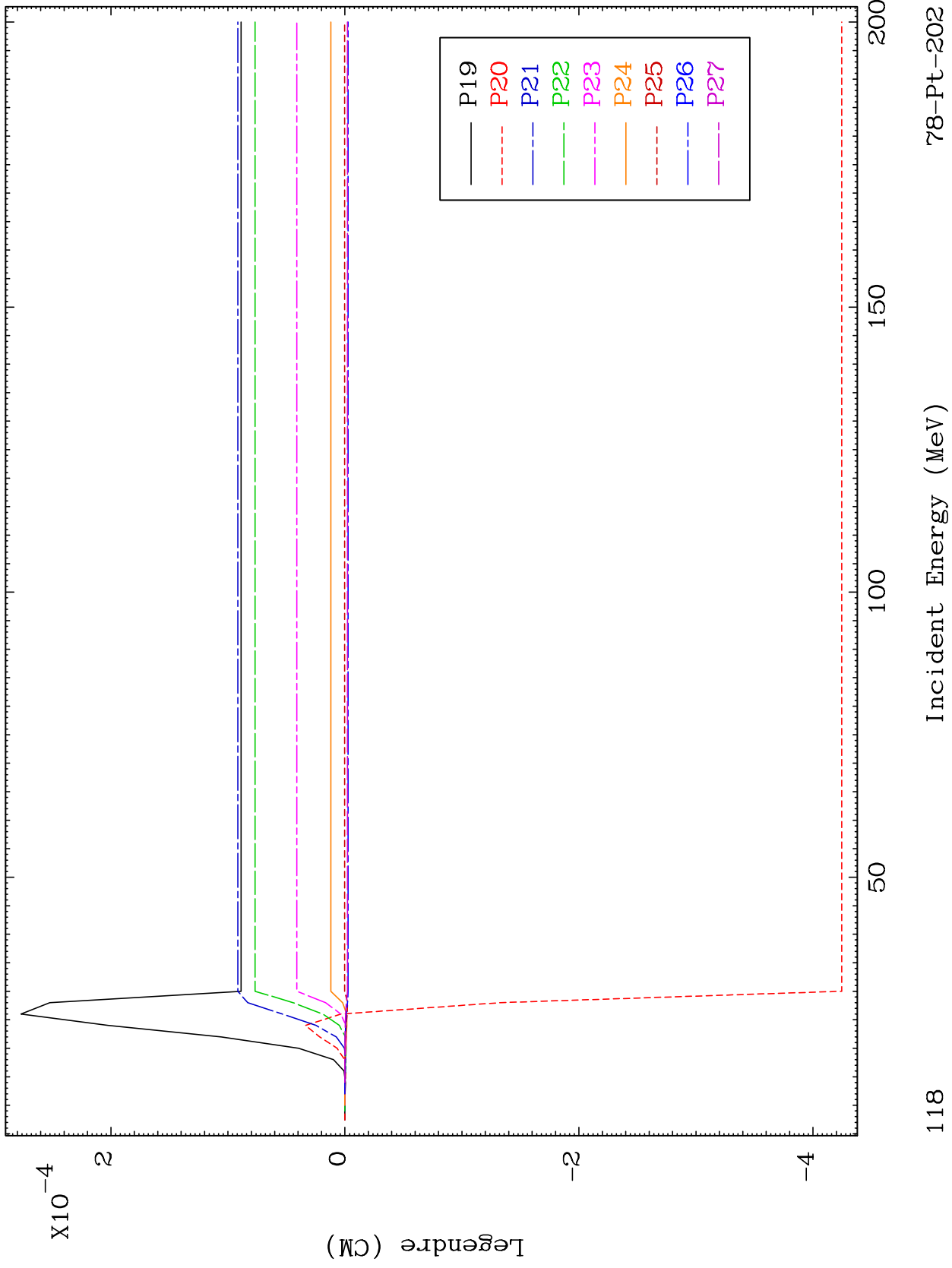
Incident Energy (MeV)

78-Pt-202

MAT 7861

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

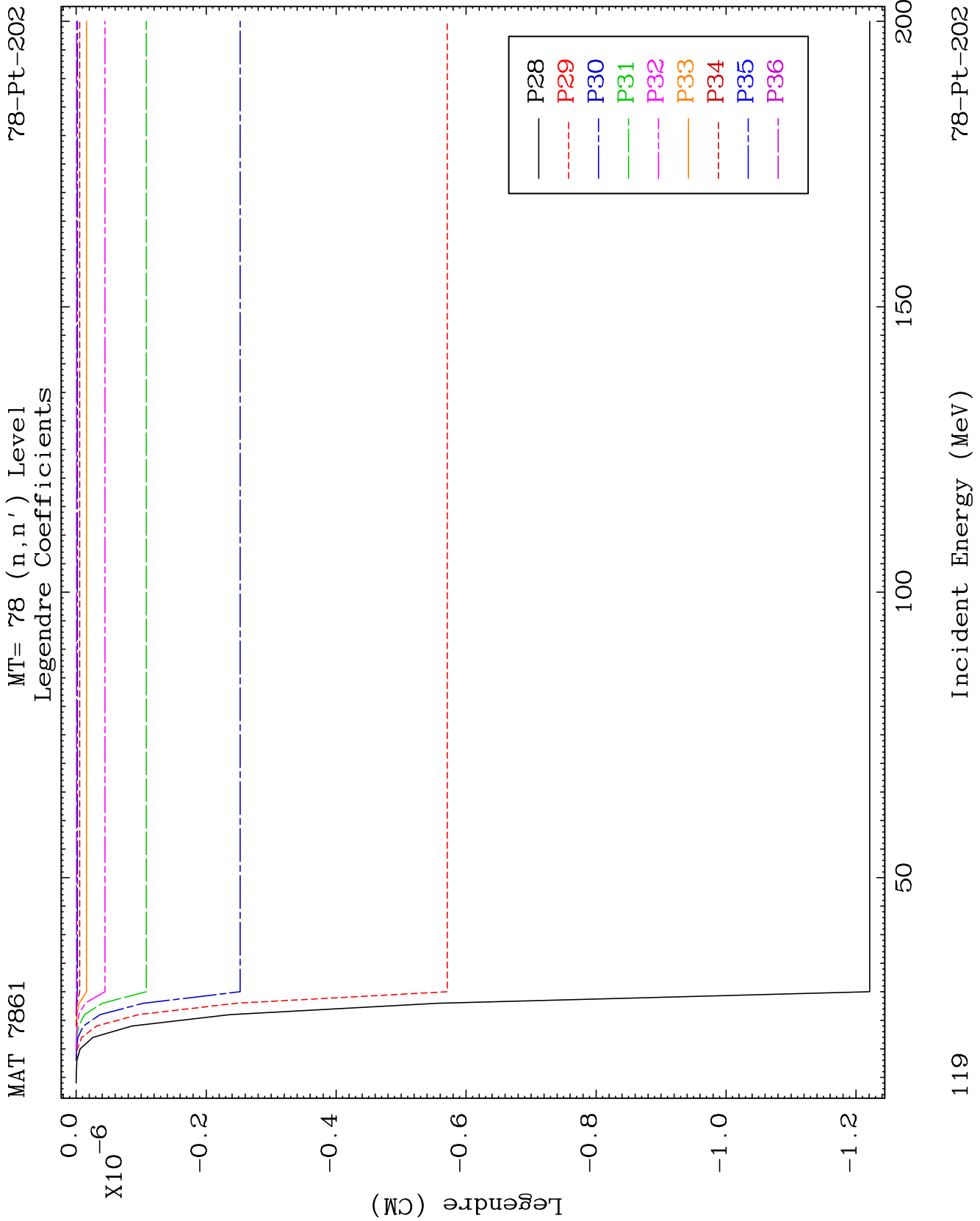
78-Pt-202

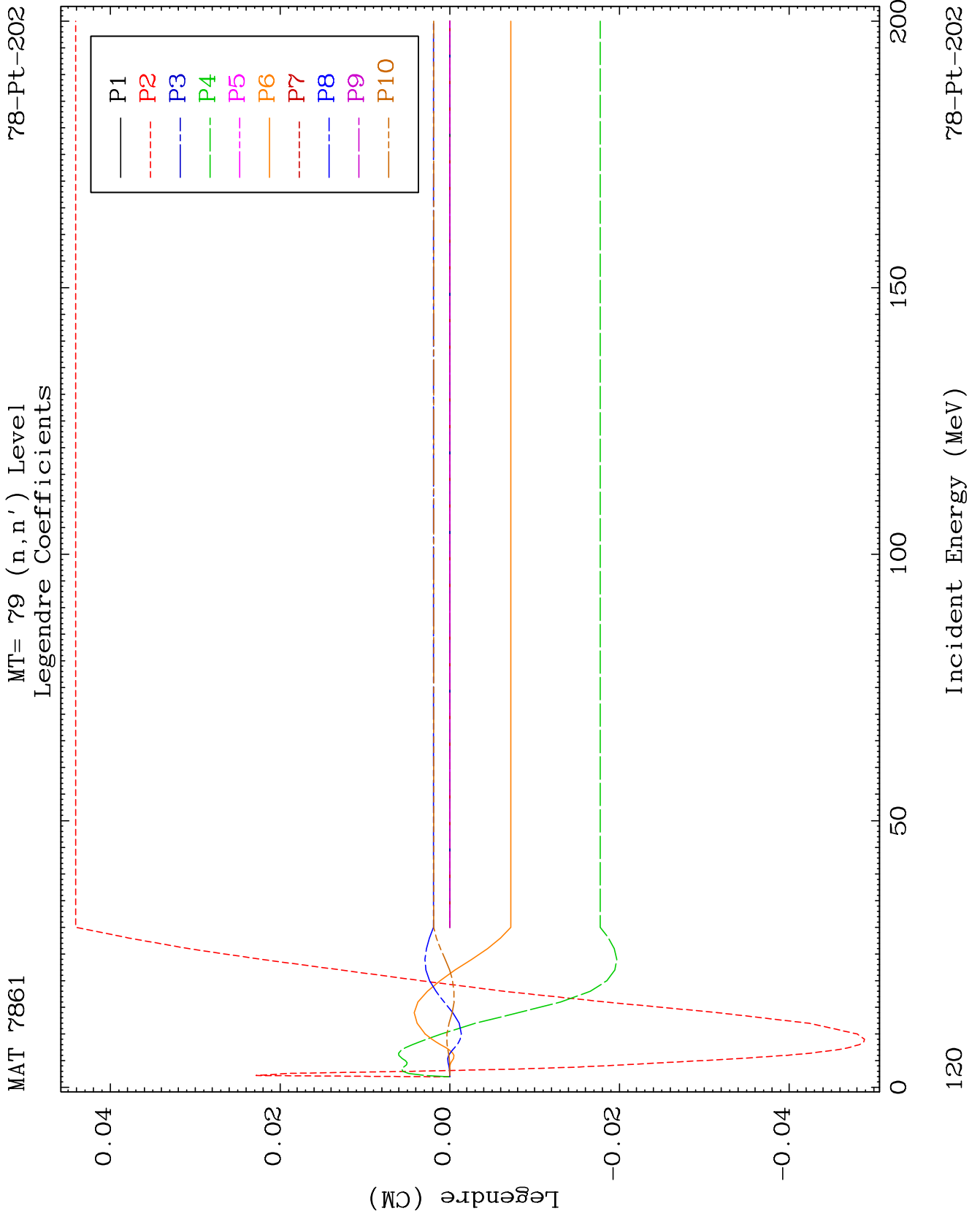


118

Incident Energy (MeV)

78-Pt-202

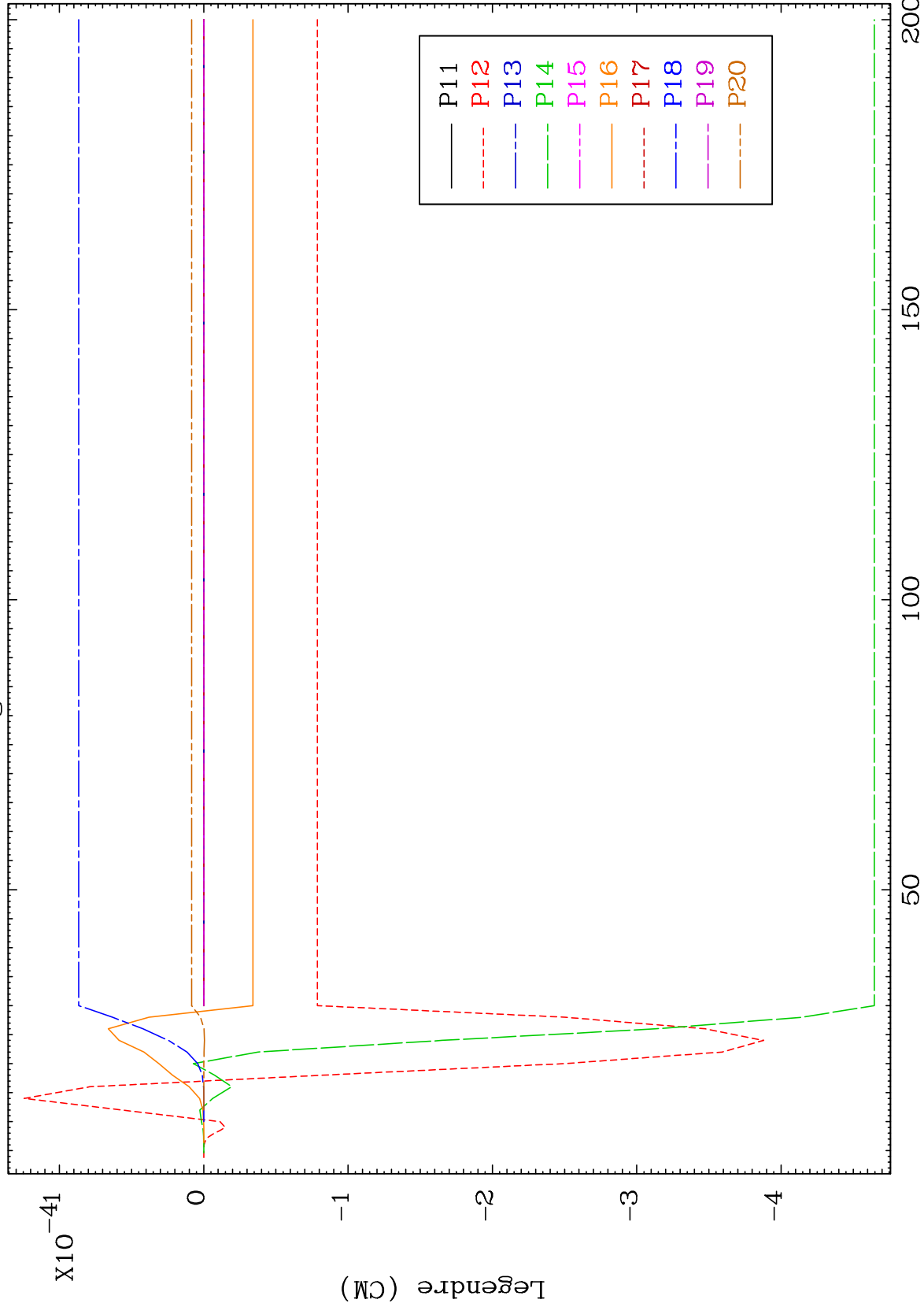




MAT 7861

MT= 79 (n,n') Level
Legendre Coefficients

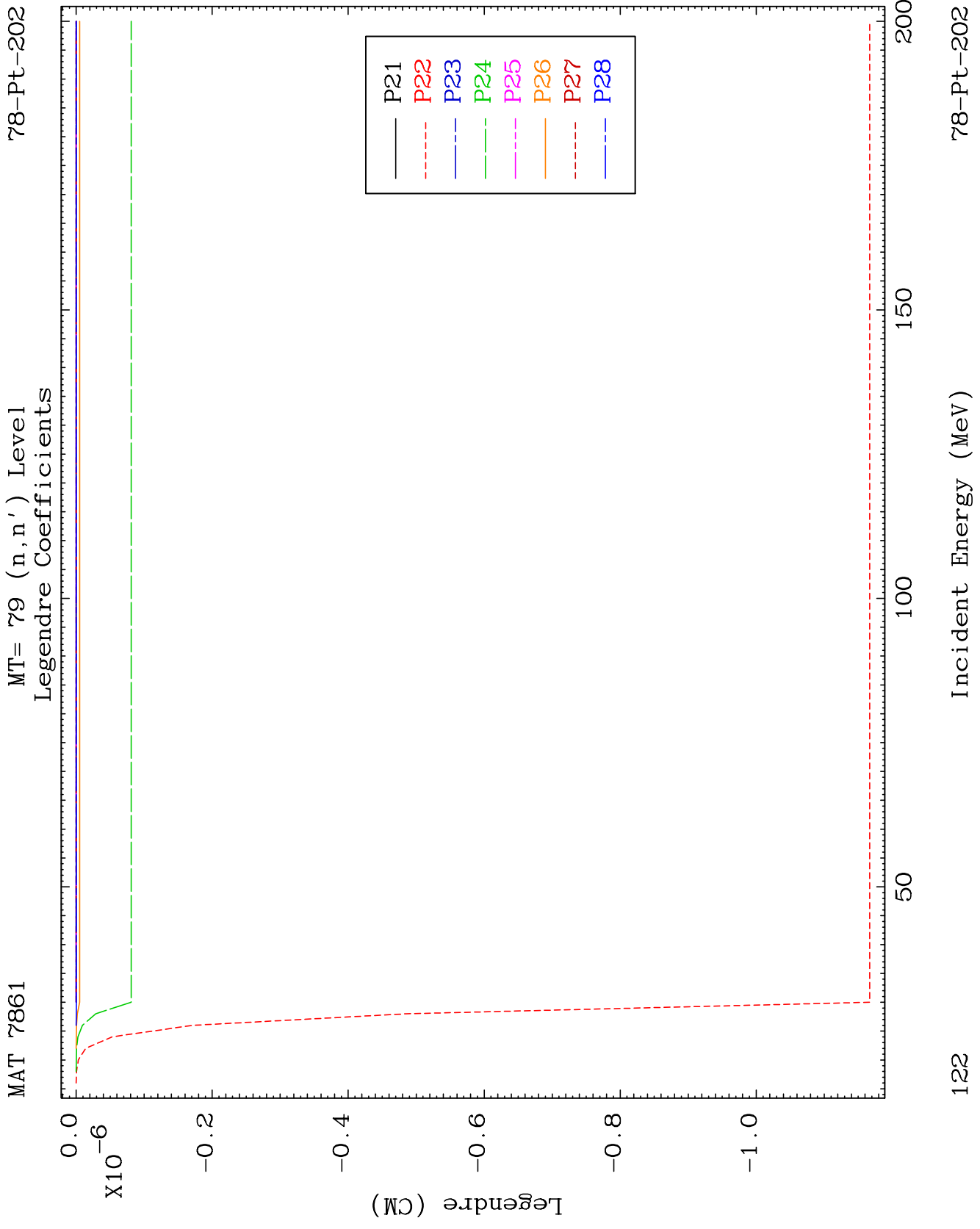
78-Pt-202

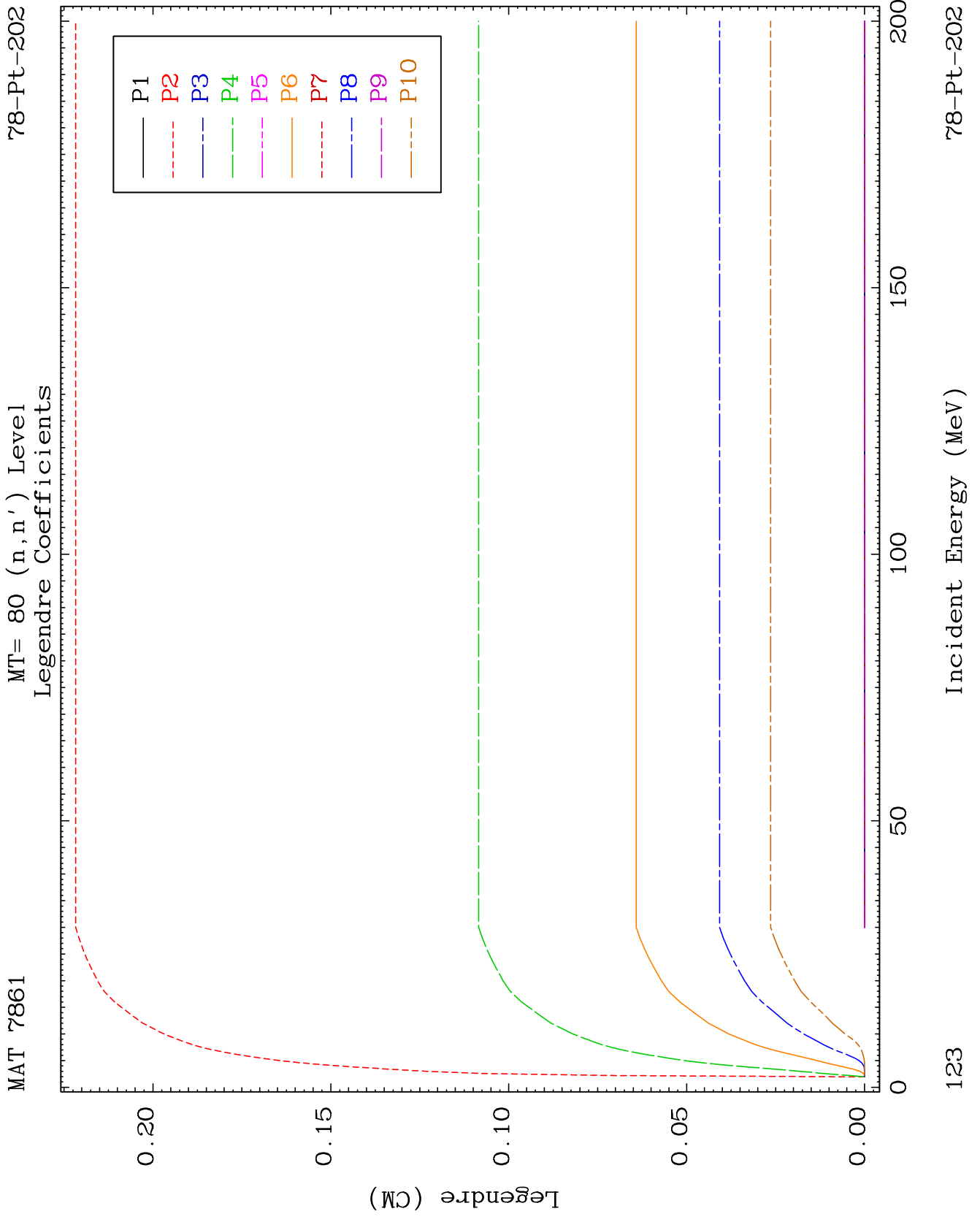


121

Incident Energy (MeV)

78-Pt-202

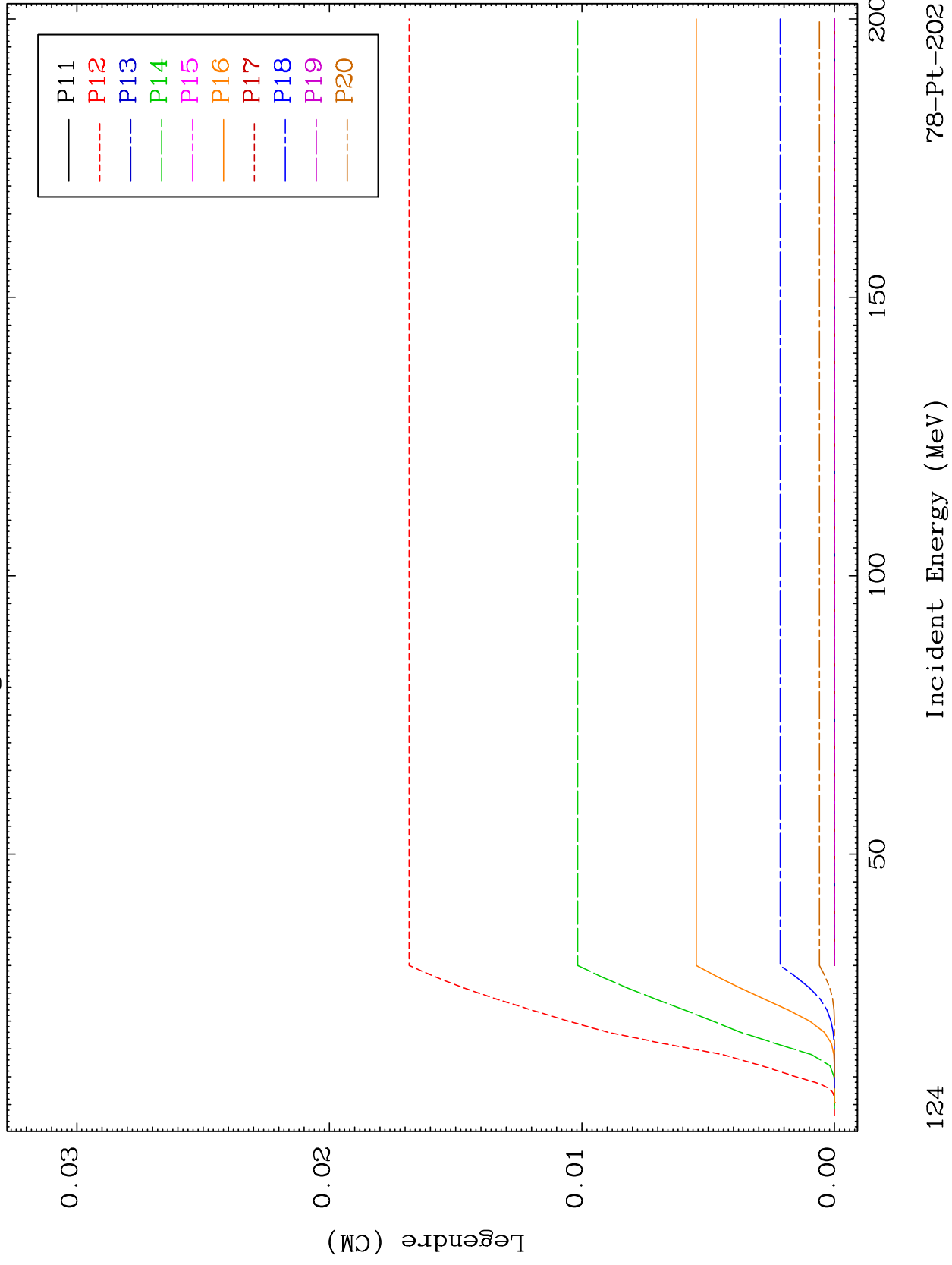




MAT 7861

MT= 80 (n,n') Level
Legendre Coefficients

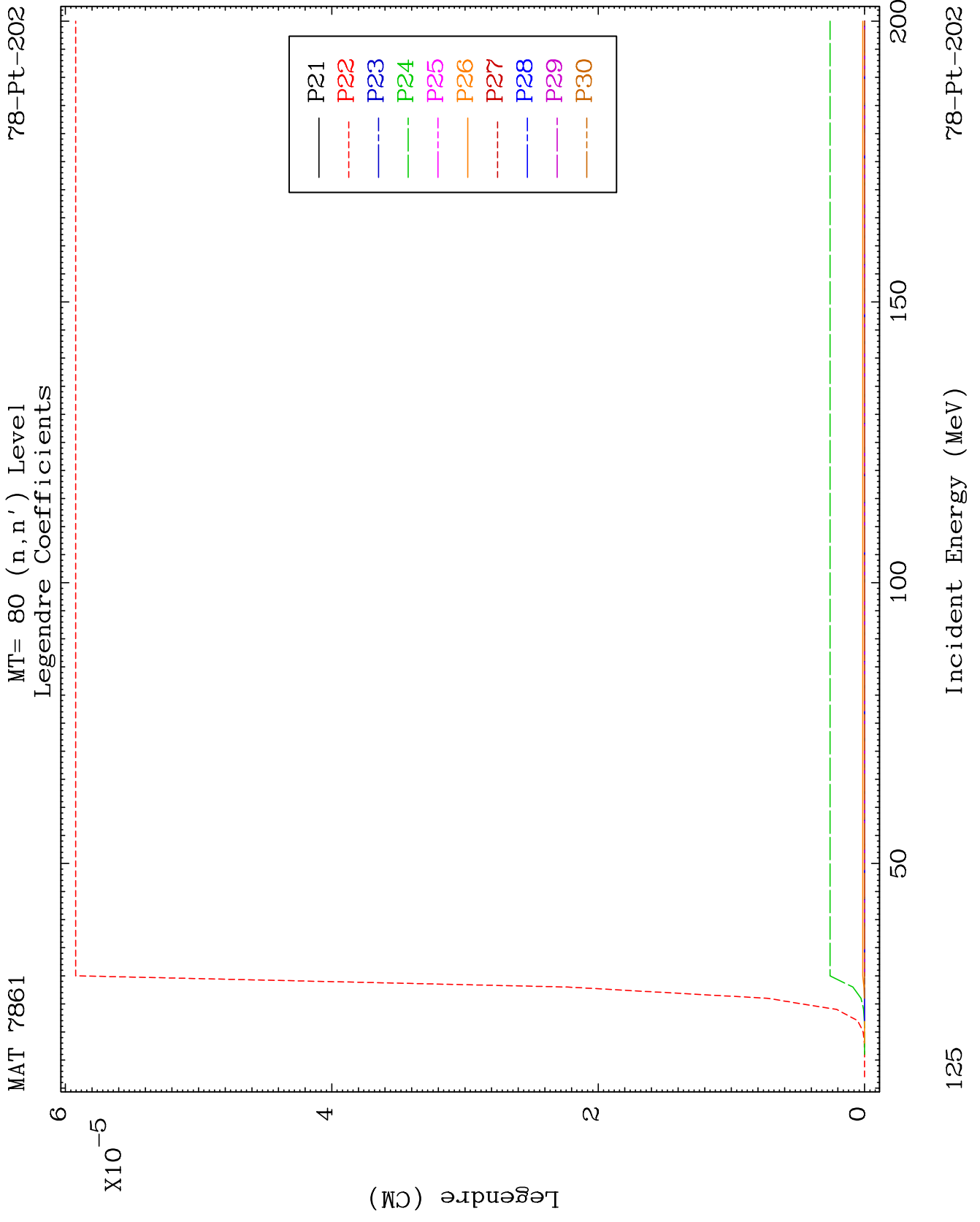
78-Pt-202



124

Incident Energy (MeV)

78-Pt-202

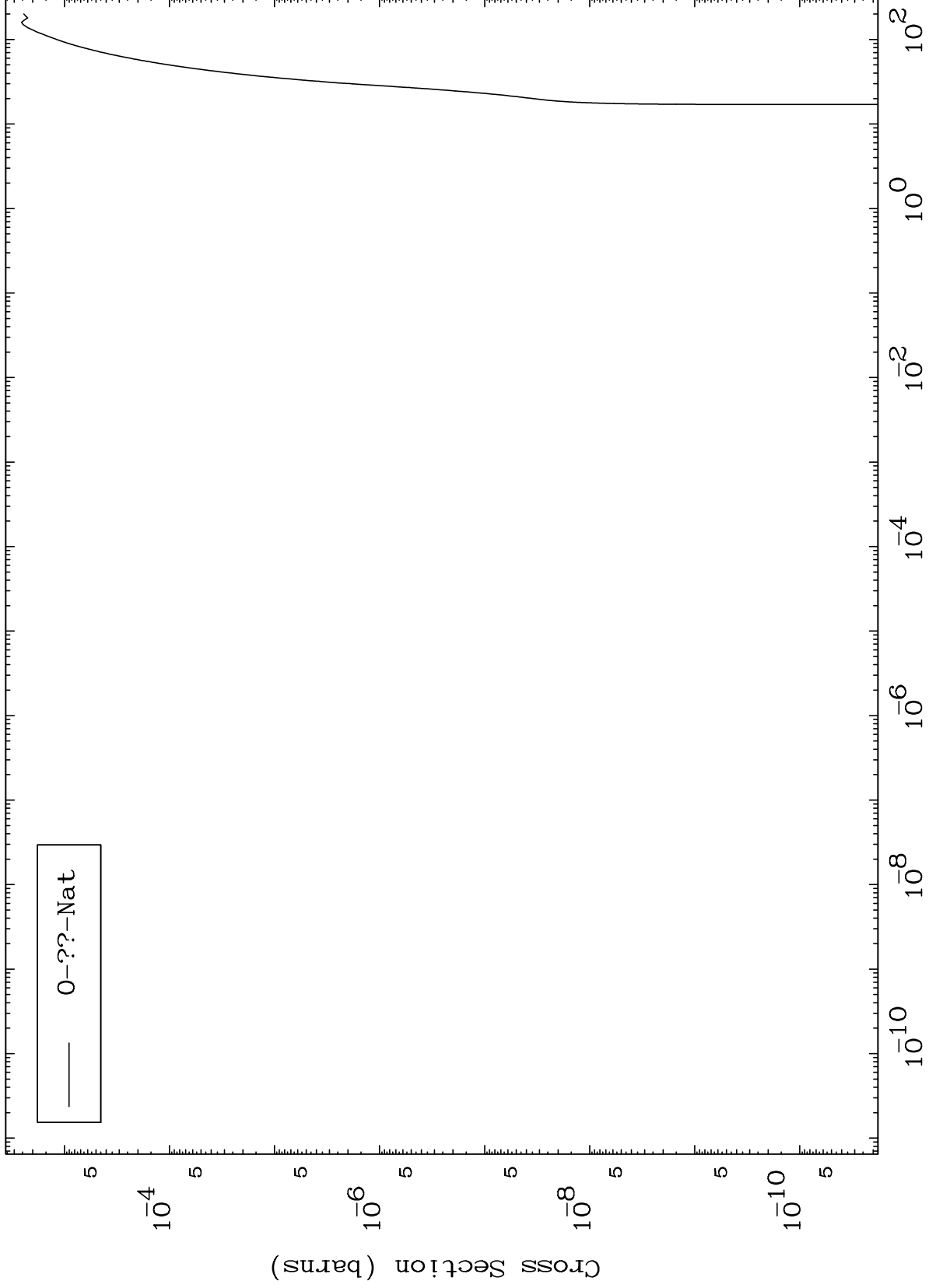


MAT 7861

Fission

78-Pt-202

Radionuclide Production Cross Section



126

Incident Energy (MeV)

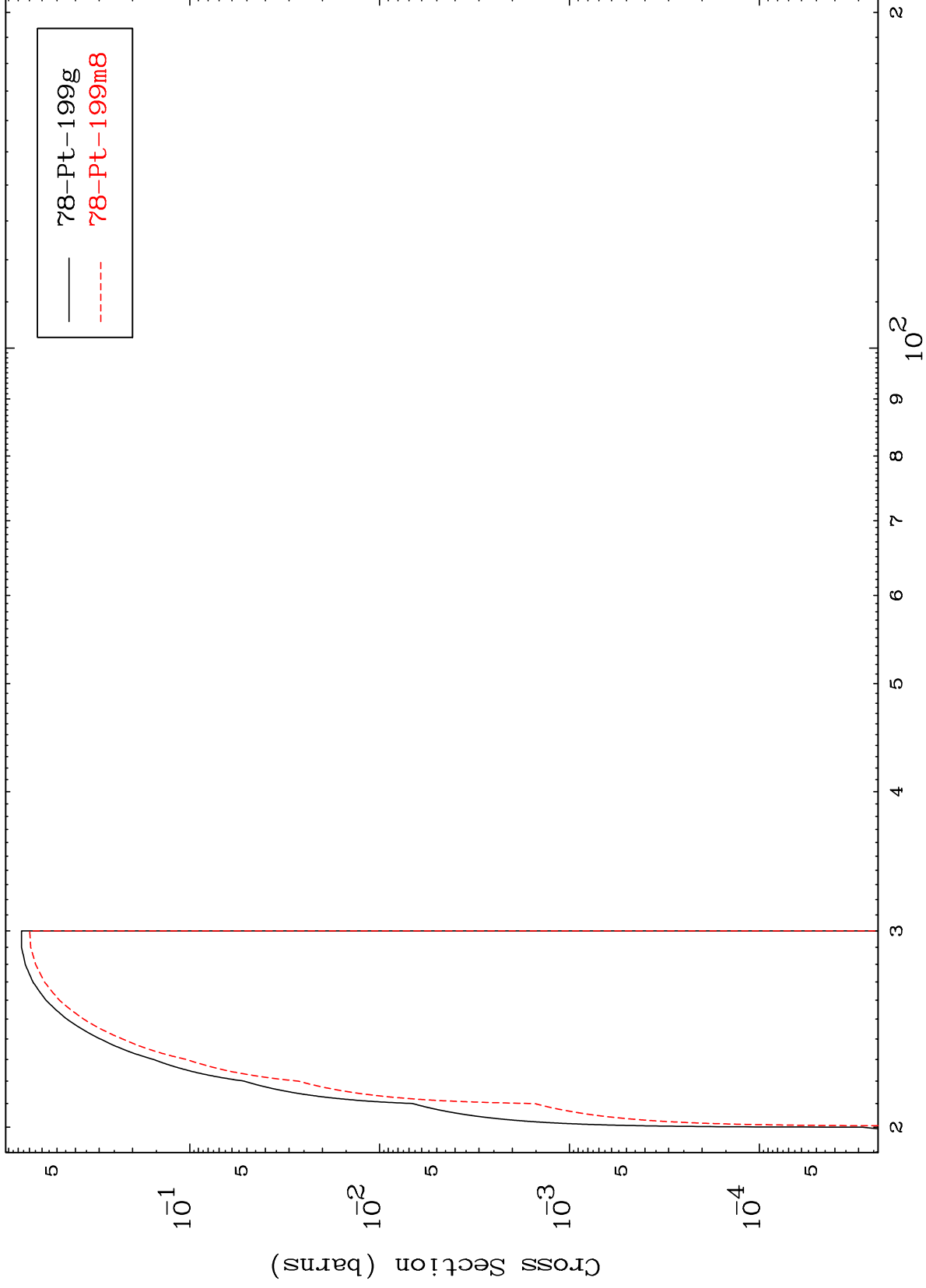
78-Pt-202

MAT 7861

(n,4n)

78-Pt-202

Radionuclide Production Cross Section



127

Incident Energy (MeV)

78-Pt-202

MAT 7861

(n,γ)

78-Pt-202

Radionuclide Production Cross Section

