

Program EVALPLOT
(Version 2021-1)

by

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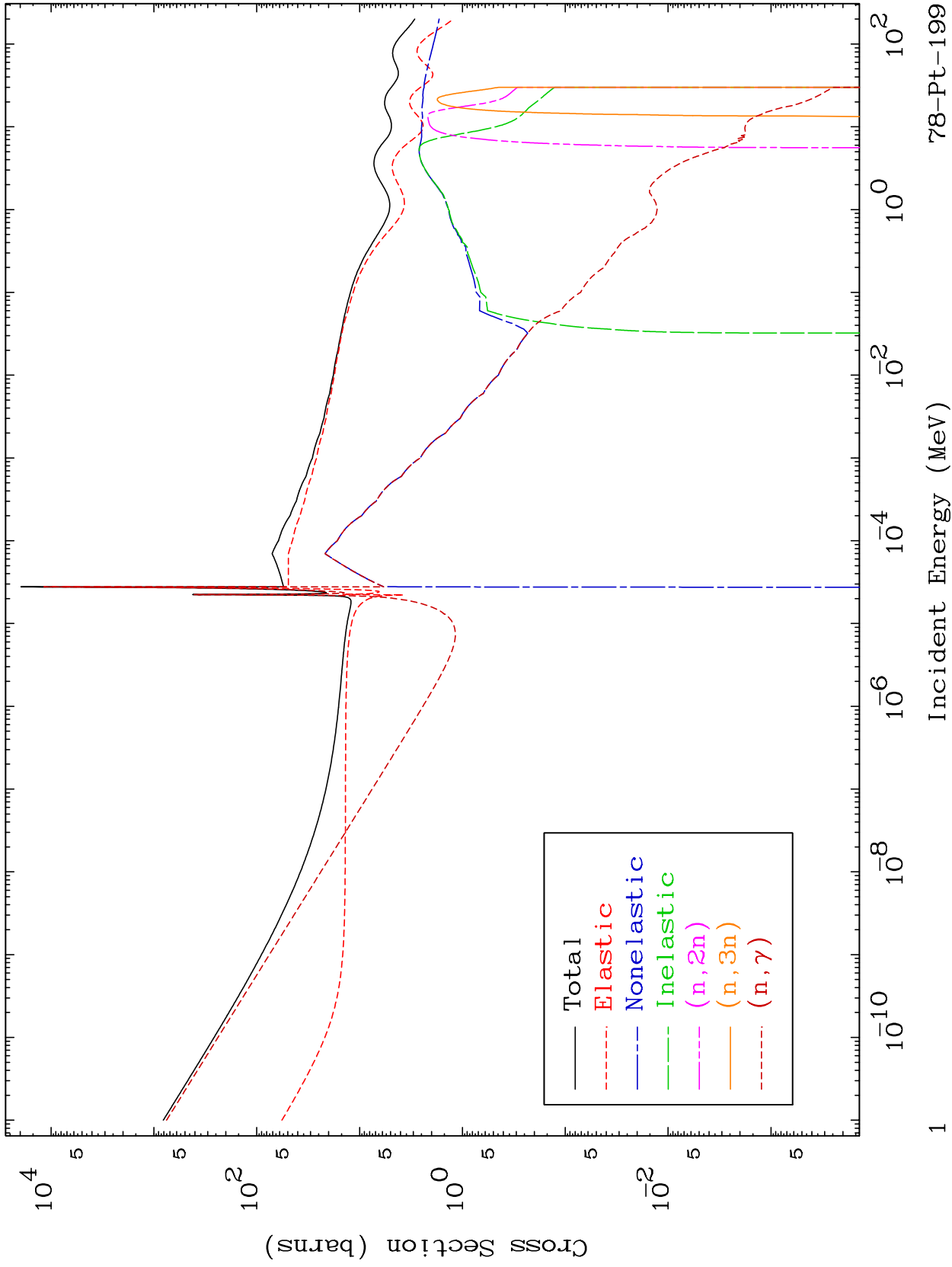
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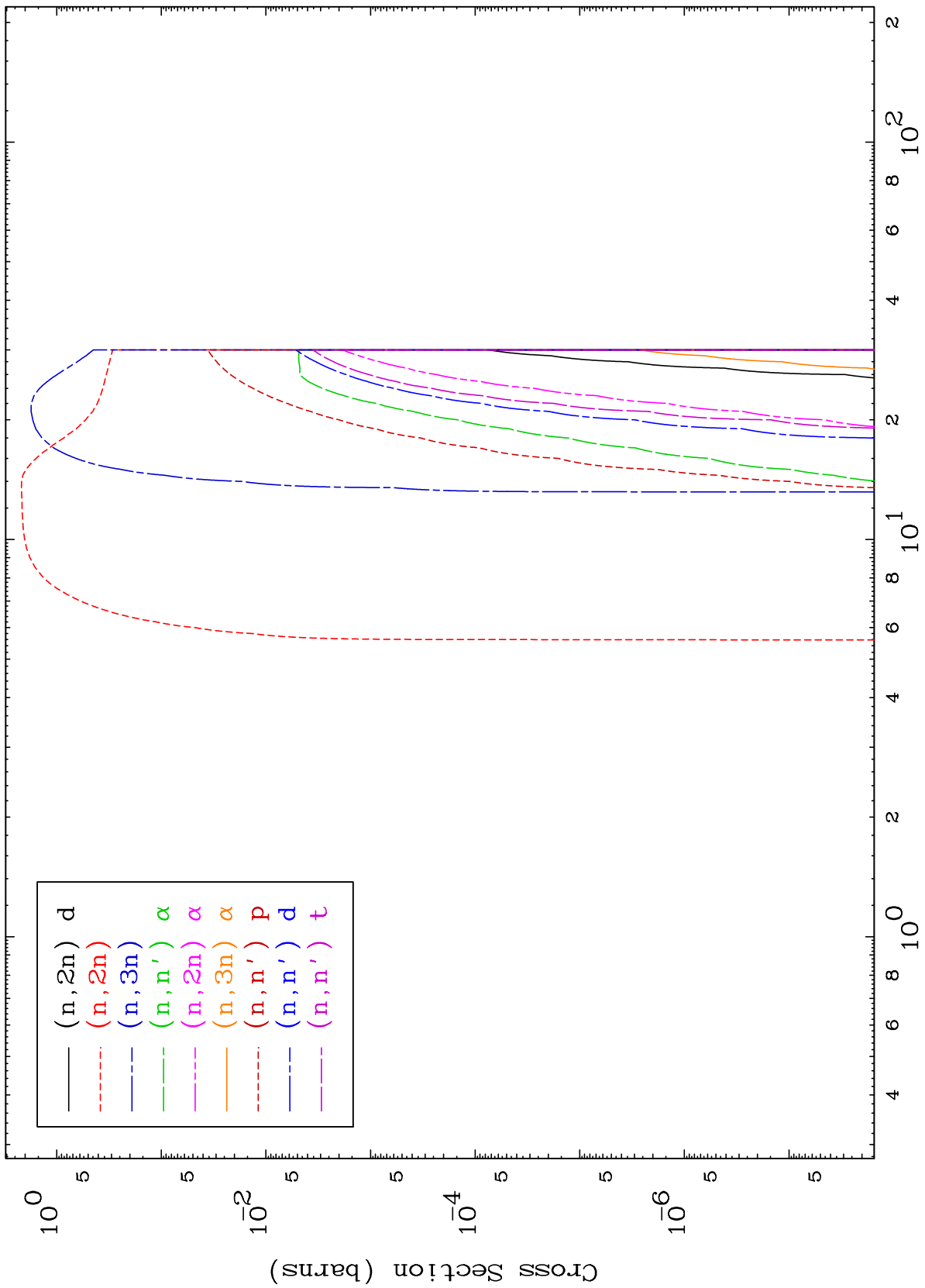
Press Mouse Button to Start

MAT 7852

Neutron Major
293 Kelvin Cross Sections

78-Pt-199

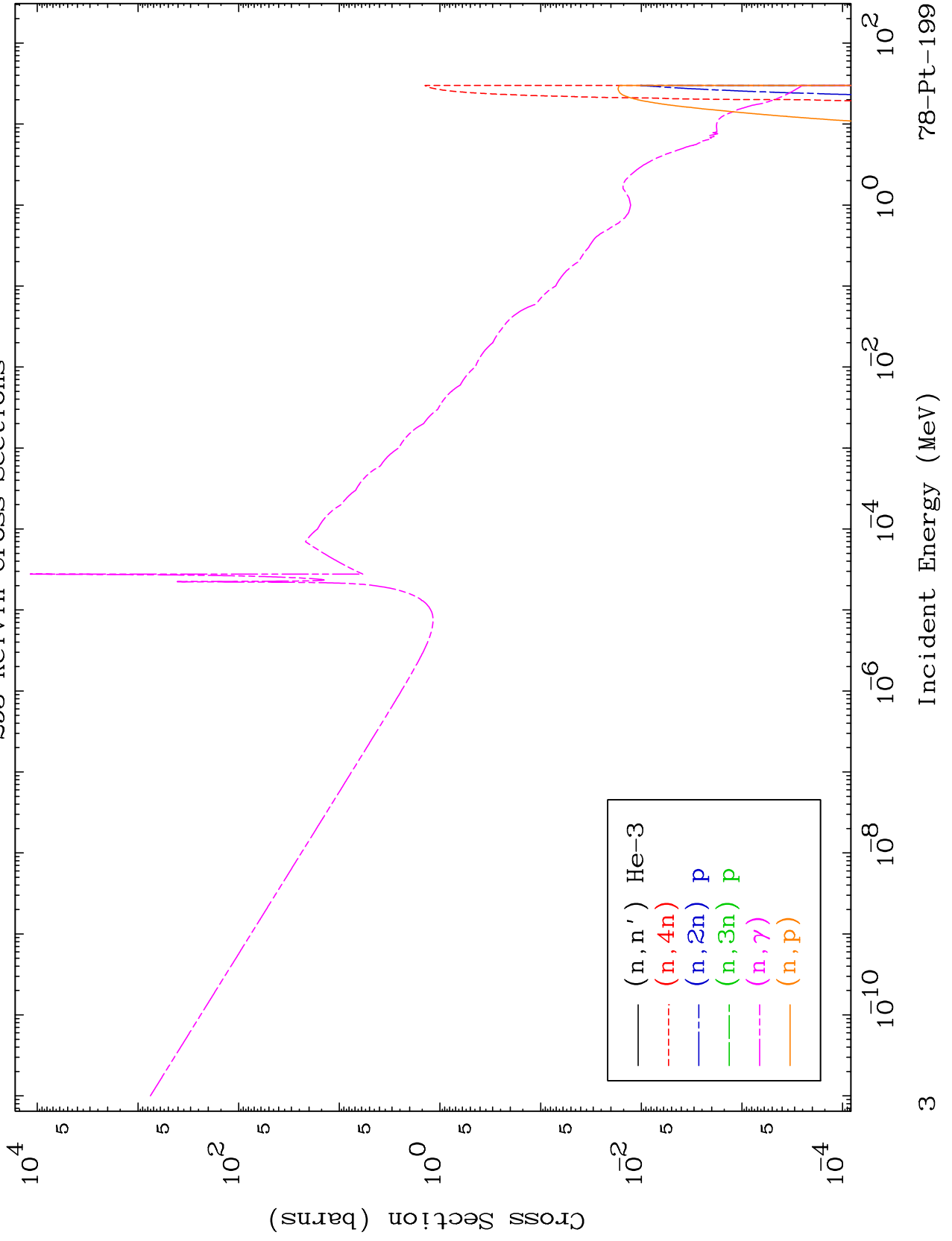


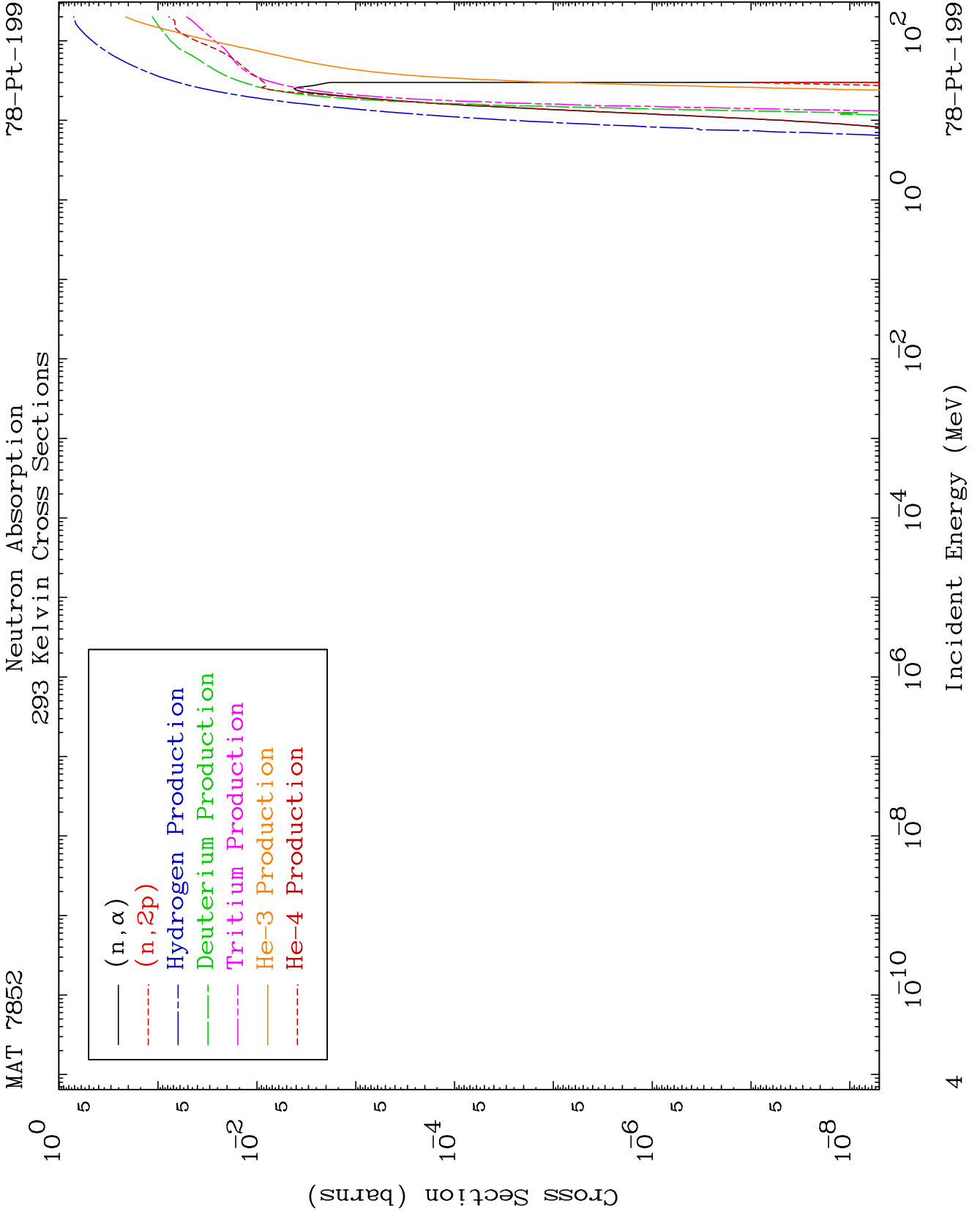


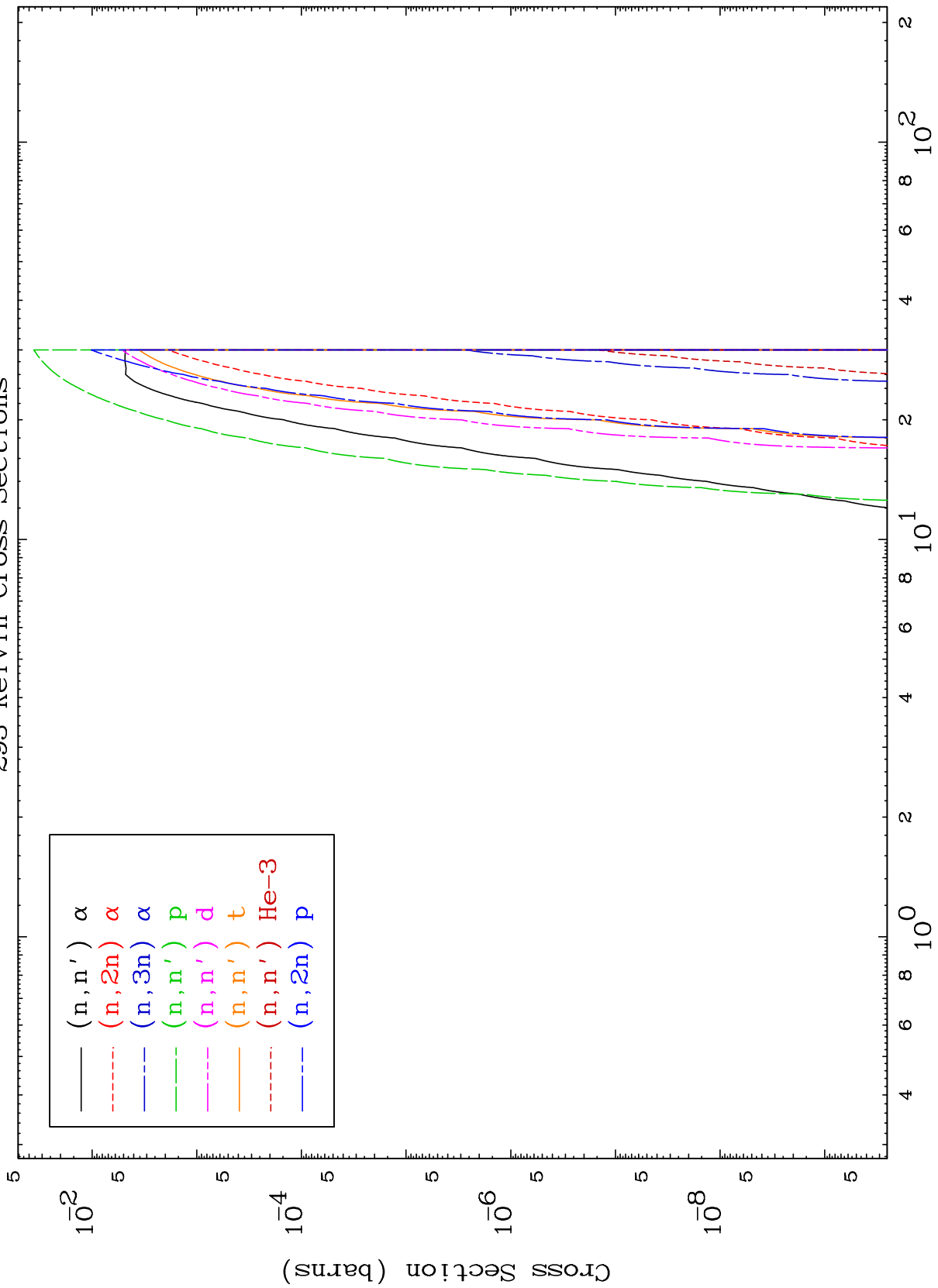
MAT 7852

Neutron Absorption
293 Kelvin Cross Sections

78-Pt-199



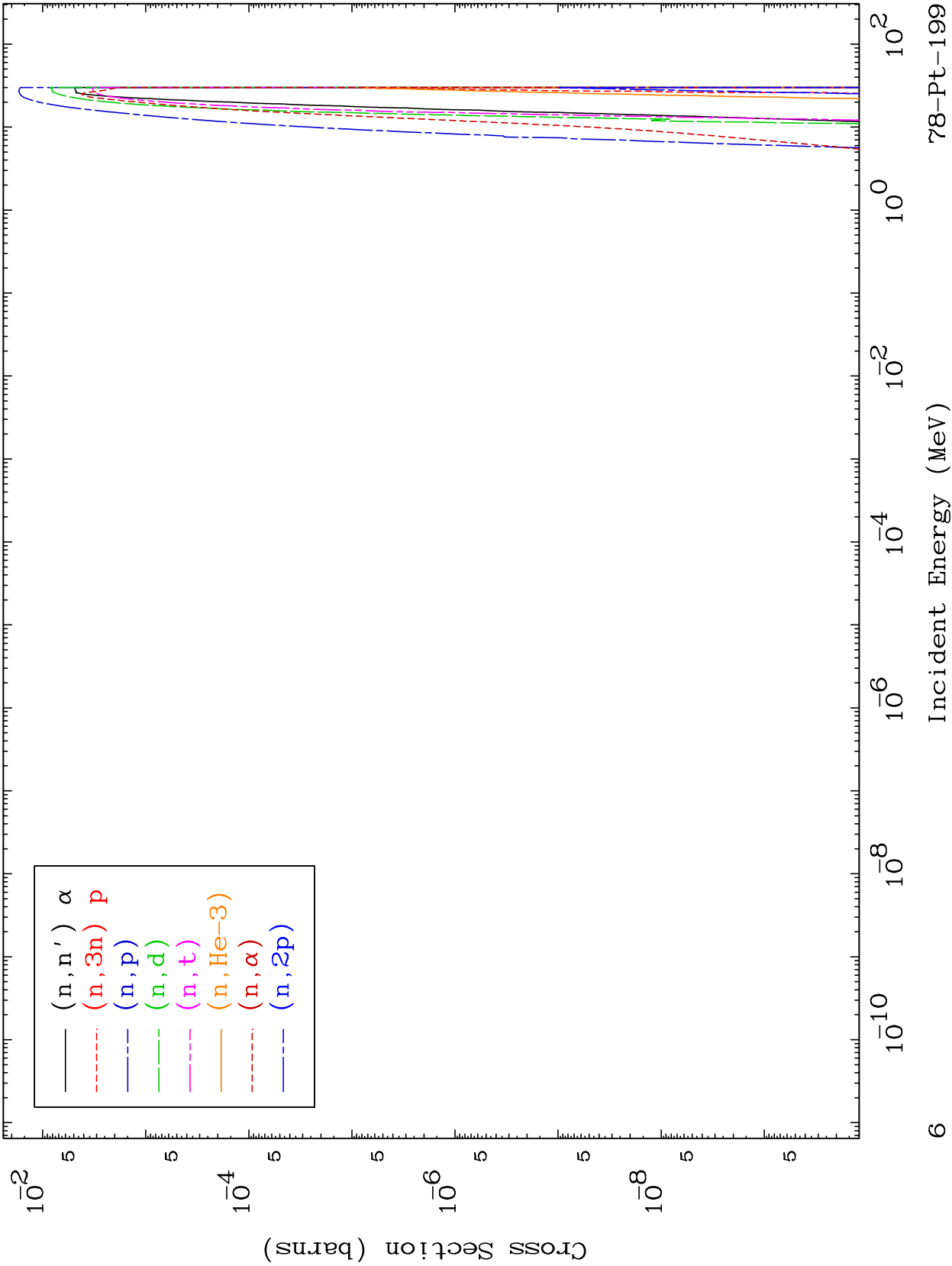




MAT 7852

Charged Particle
293 Kelvin Cross Sections

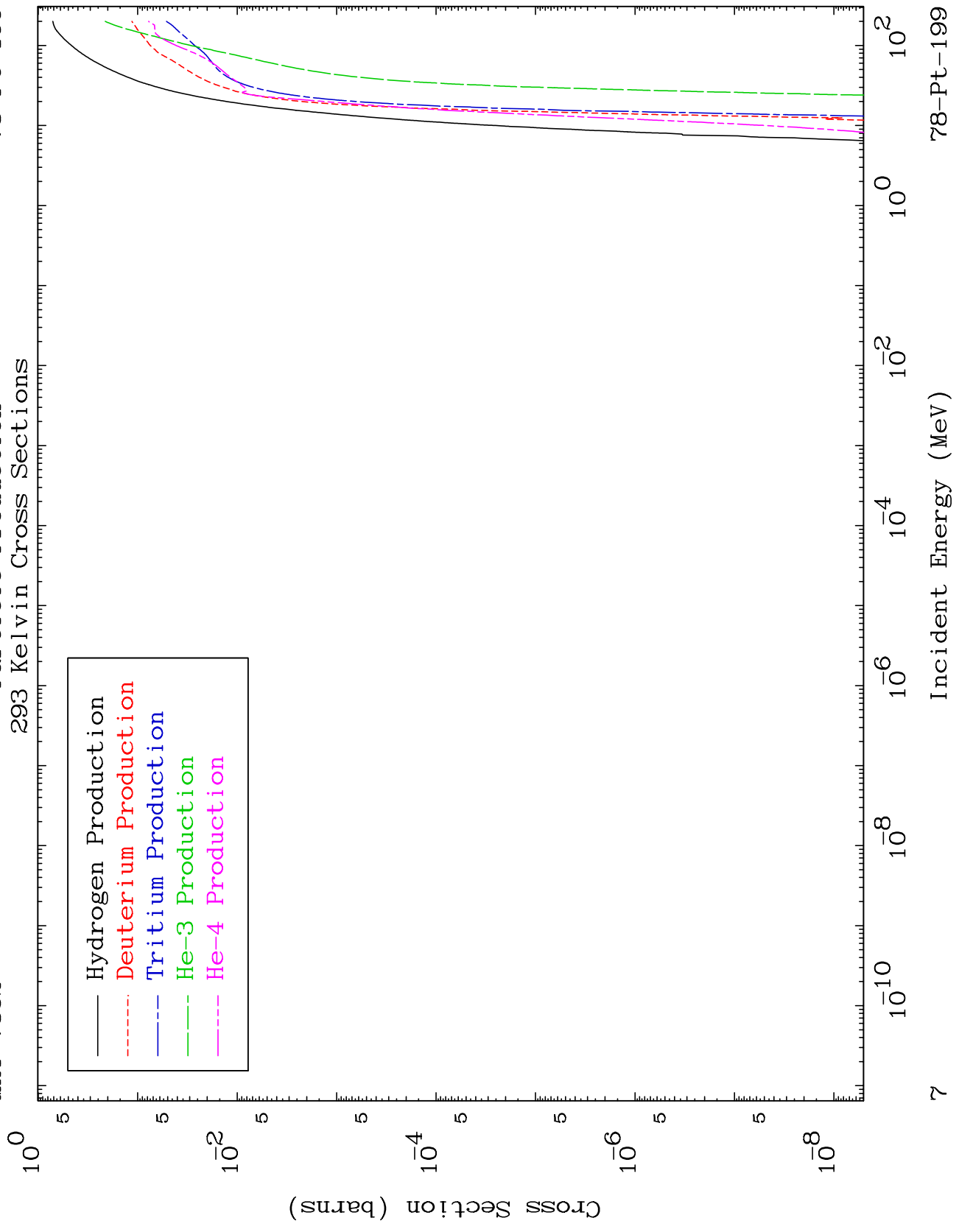
78-Pt-199

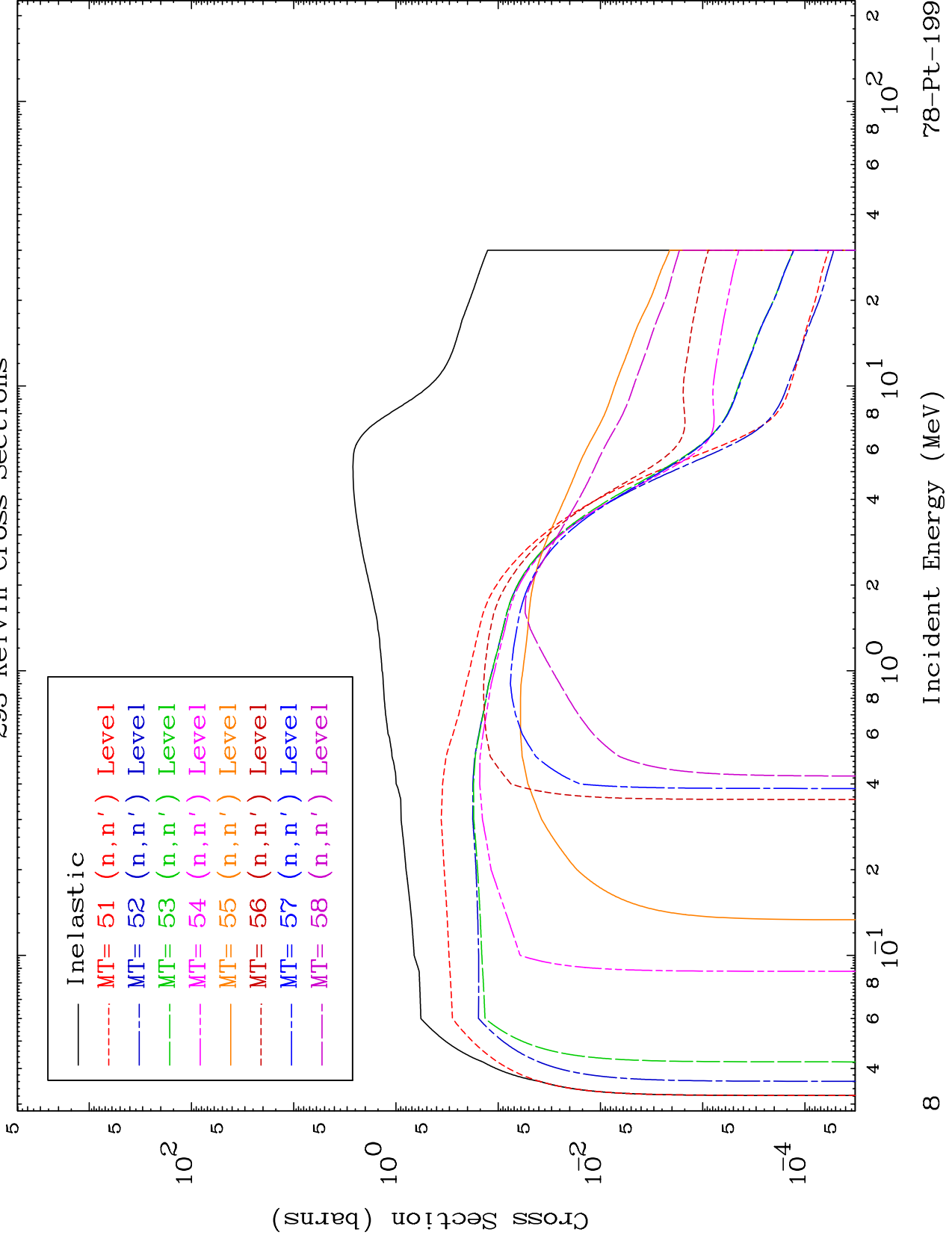


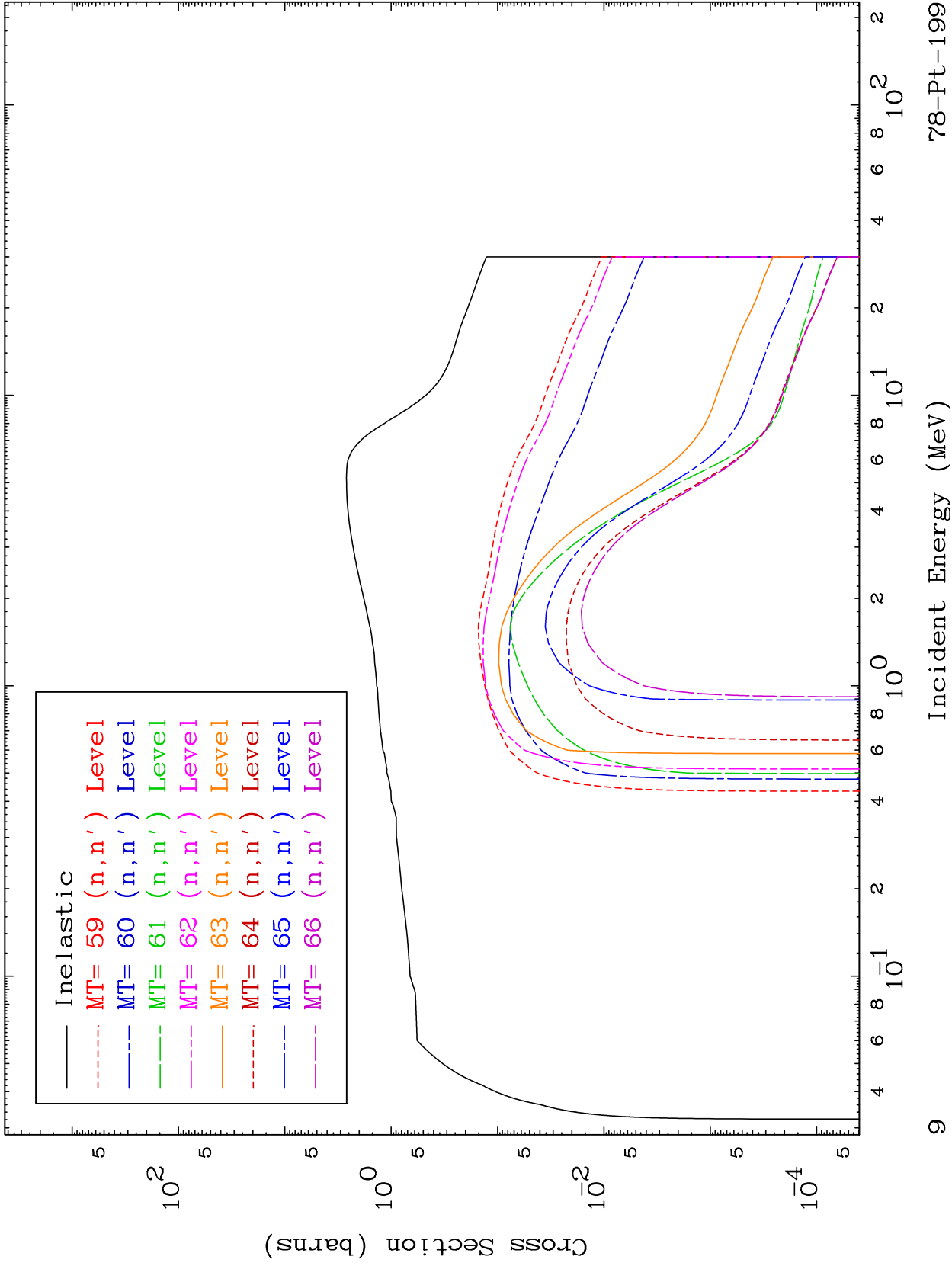
MAT 7852

Particle Production
293 Kelvin Cross Sections

78-Pt-199



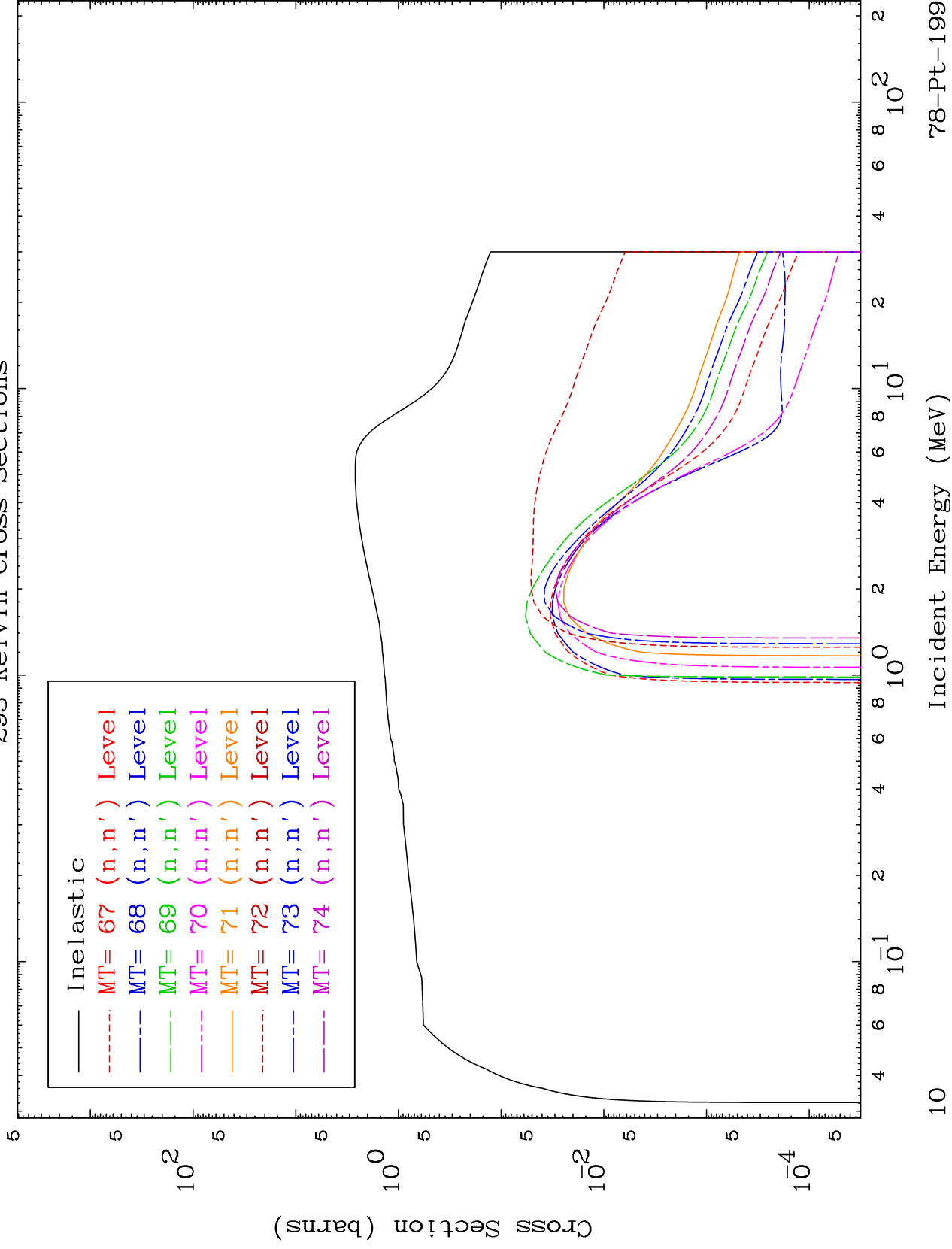




MAT 7852

(n,n') Levels
293 Kelvin Cross Sections

78-Pt-199

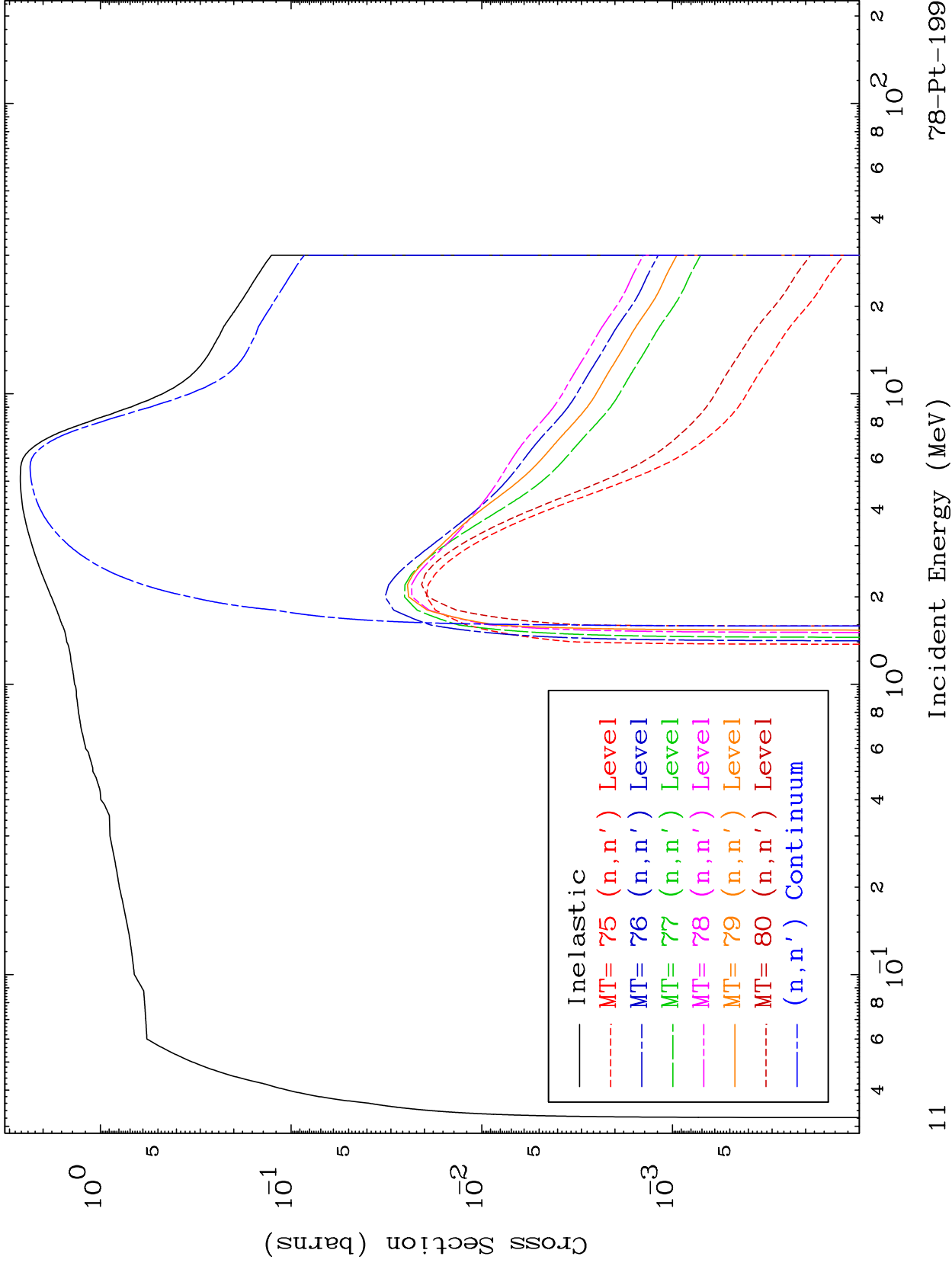


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MAT 7852

293 Kelvin Cross Sections
(n,n') Levels

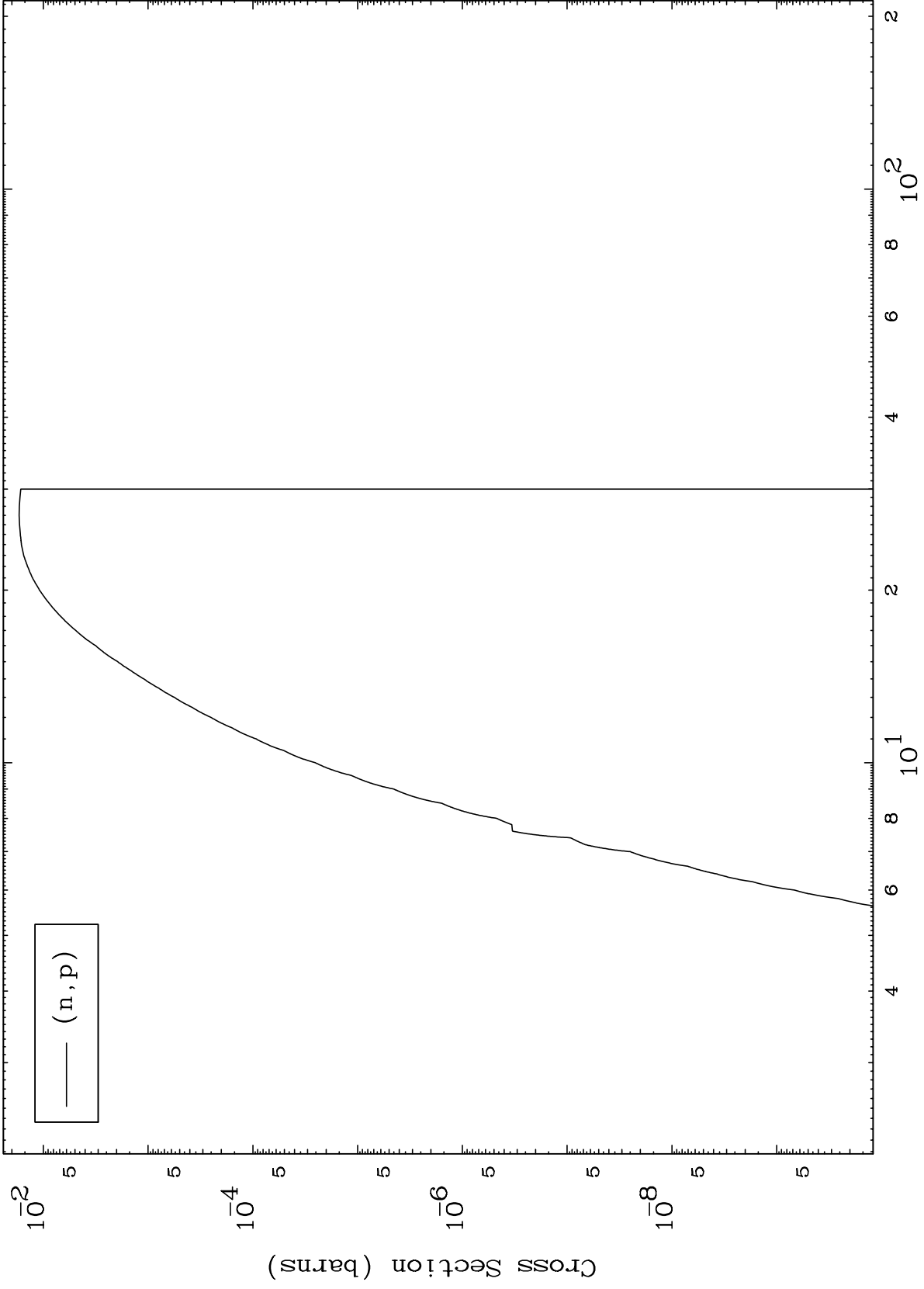
78-Pt-199



MAT 7852

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-199



12

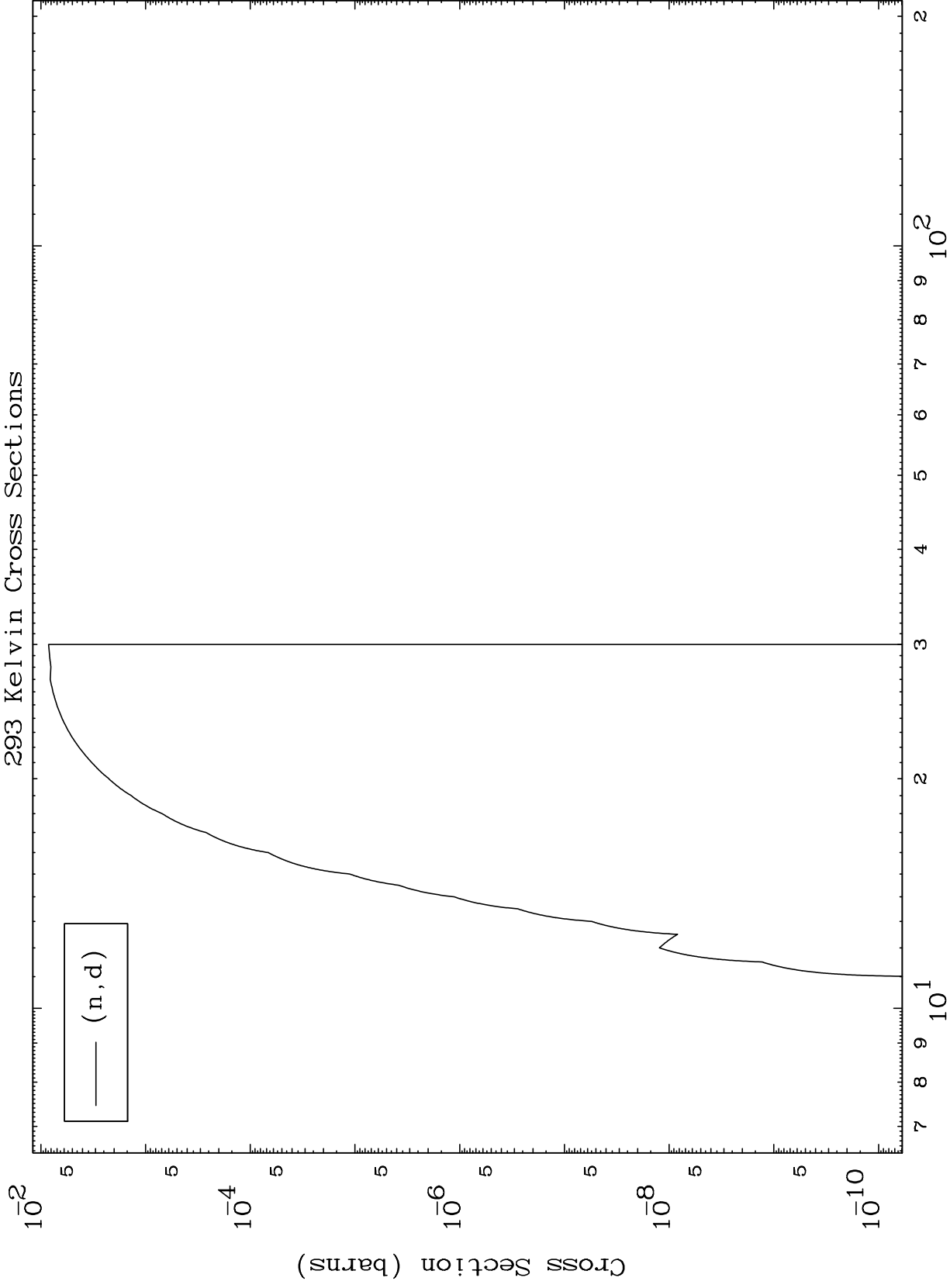
Incident Energy (MeV)

78-Pt-199

MAT 7852

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-199



13

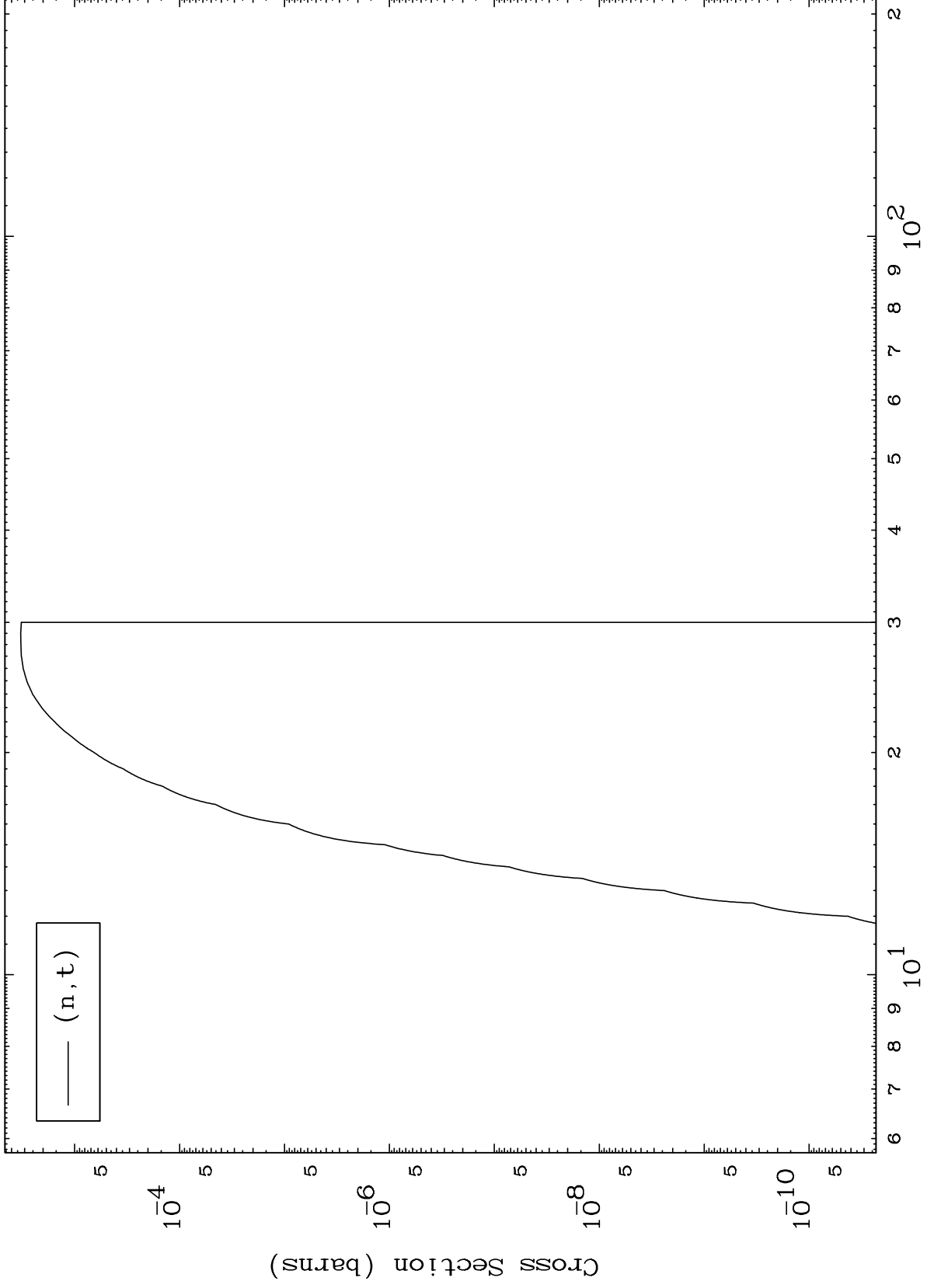
Incident Energy (MeV)

78-Pt-199

MAT 7852

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-199



14

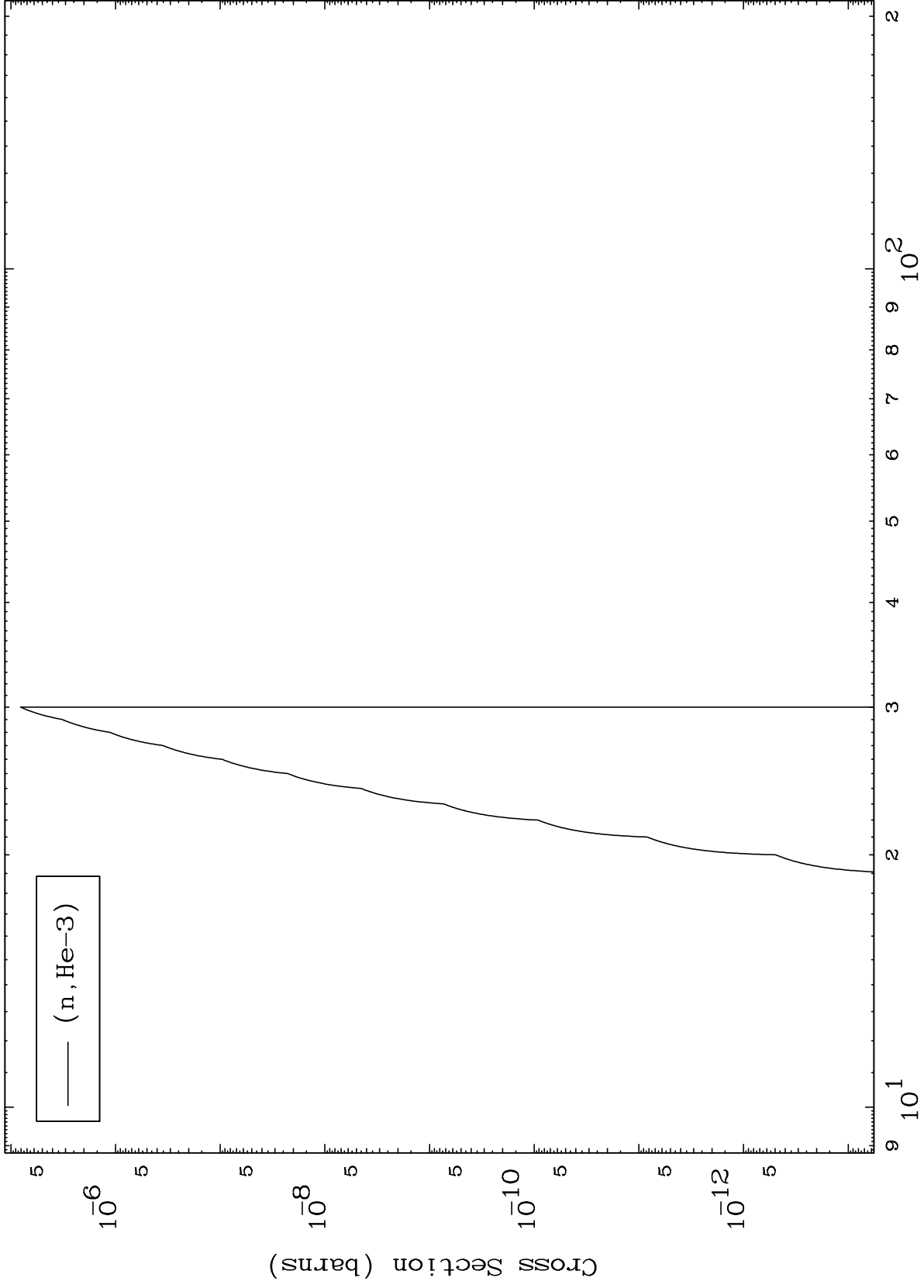
Incident Energy (MeV)

78-Pt-199

MAT 7852

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-199



15

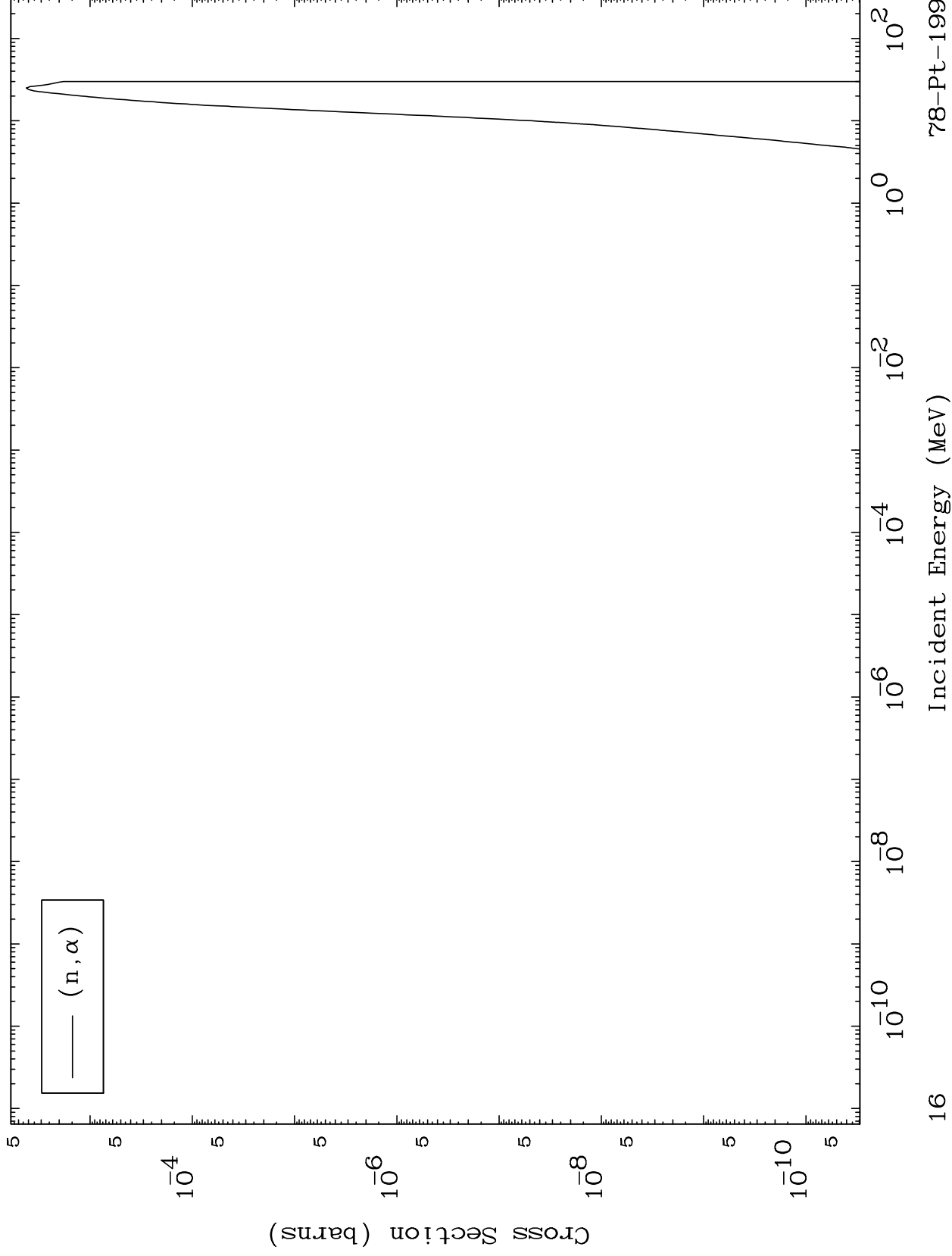
Incident Energy (MeV)

78-Pt-199

MAT 7852

(n, α) Levels
293 Kelvin Cross Sections

78-Pt-199



16

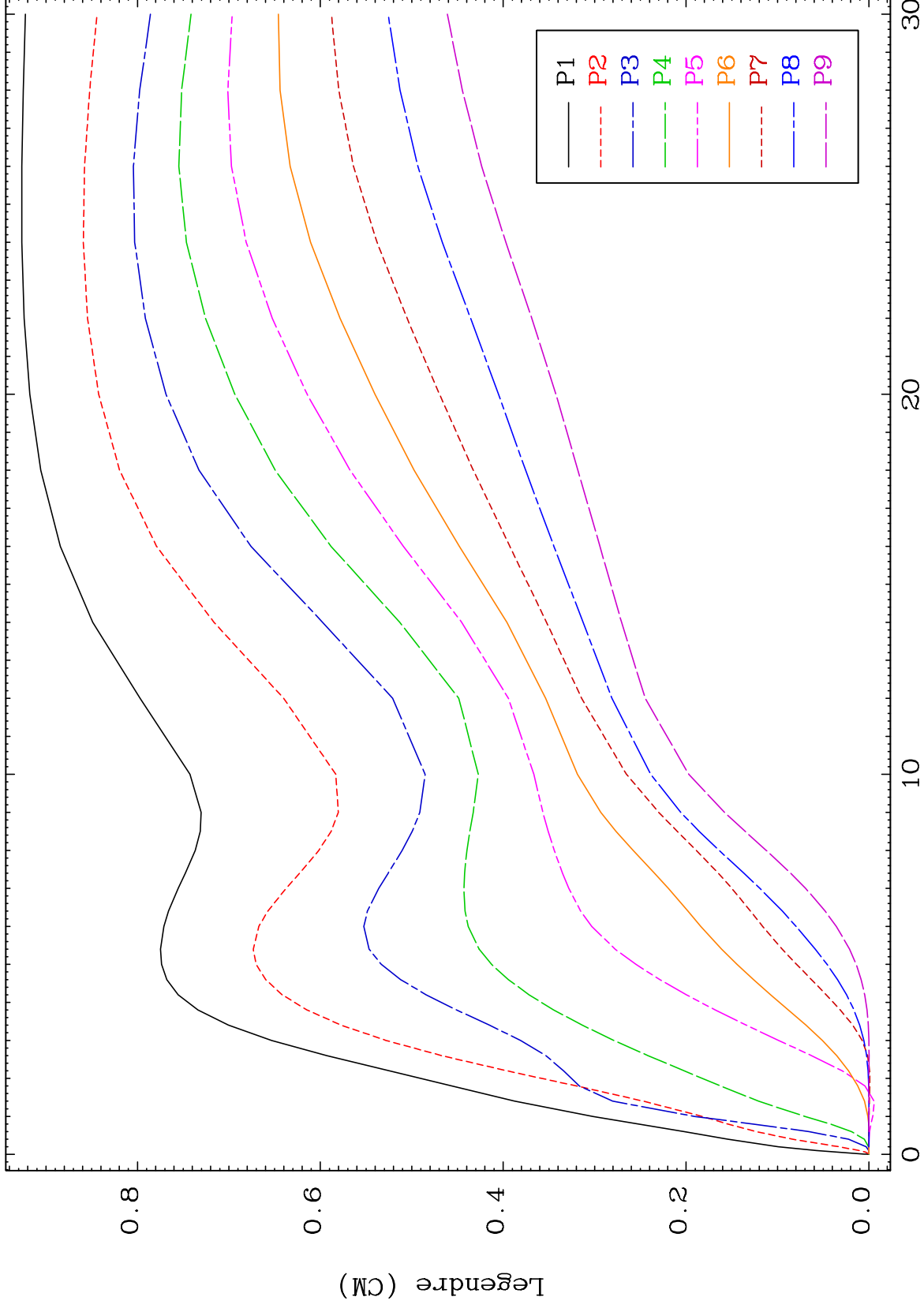
Incident Energy (MeV)

78-Pt-199

MAT 7852

78-Pt-199

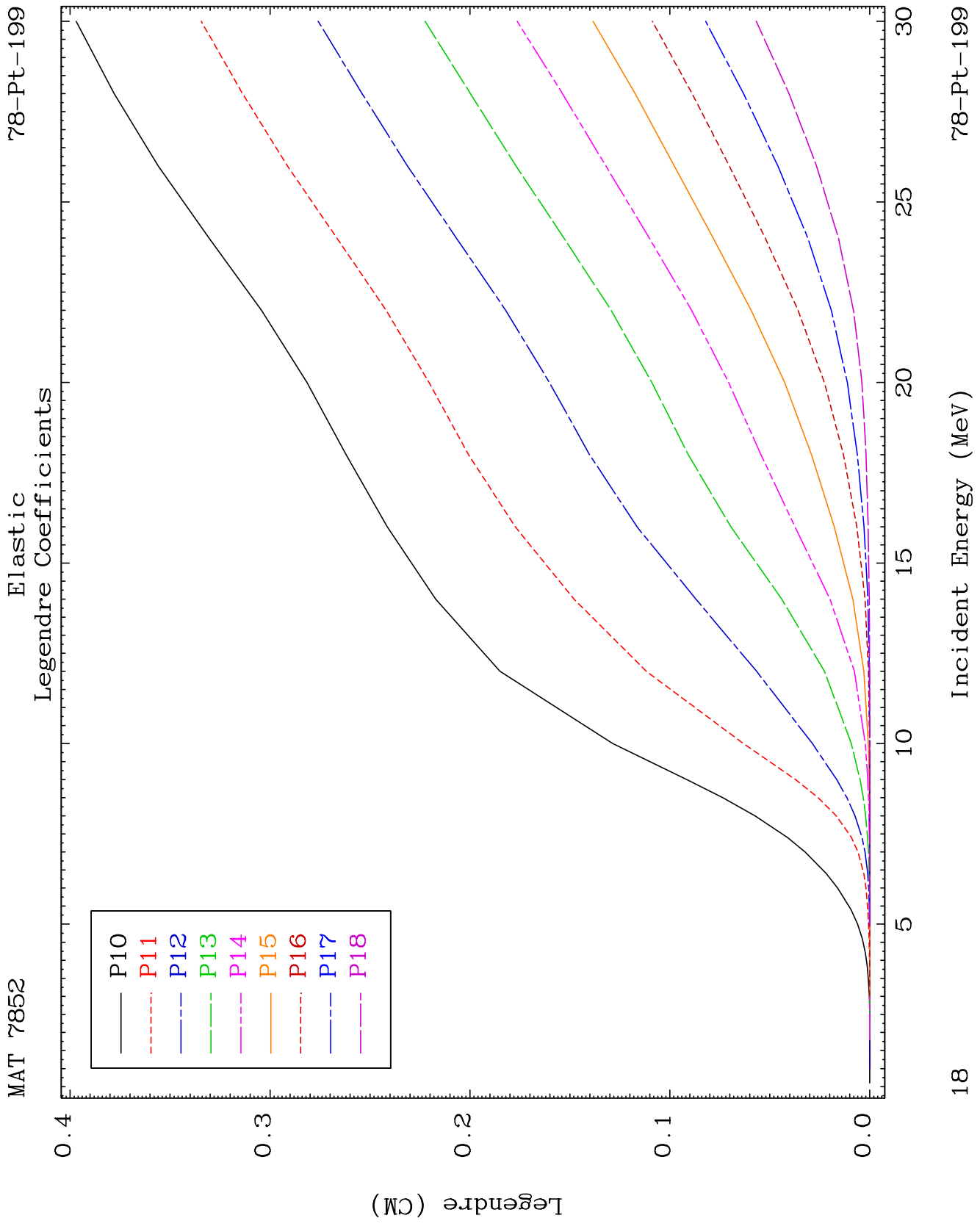
Elastic Legendre Coefficients



17

Incident Energy (MeV)

78-Pt-199



MAT 7852

Elastic Legendre Coefficients

78-Pt-199

18

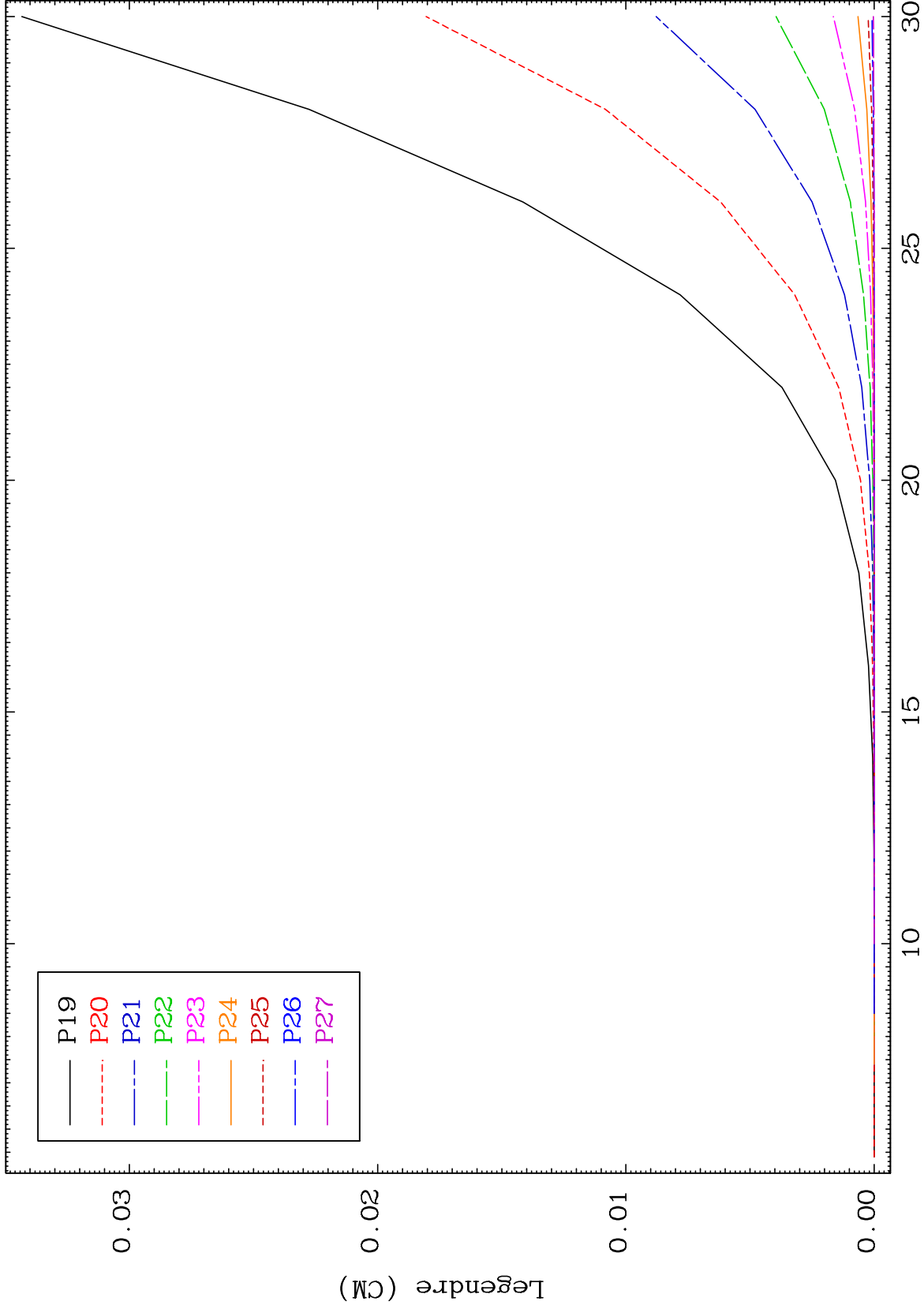
Incident Energy (MeV)

78-Pt-199

MAT 7852

Elastic Legendre Coefficients

78-Pt-199



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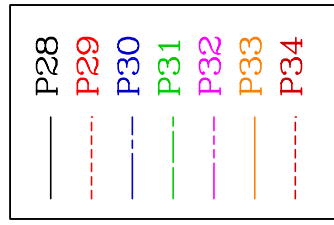
Incident Energy (MeV)

78-Pt-199

MAT 7852

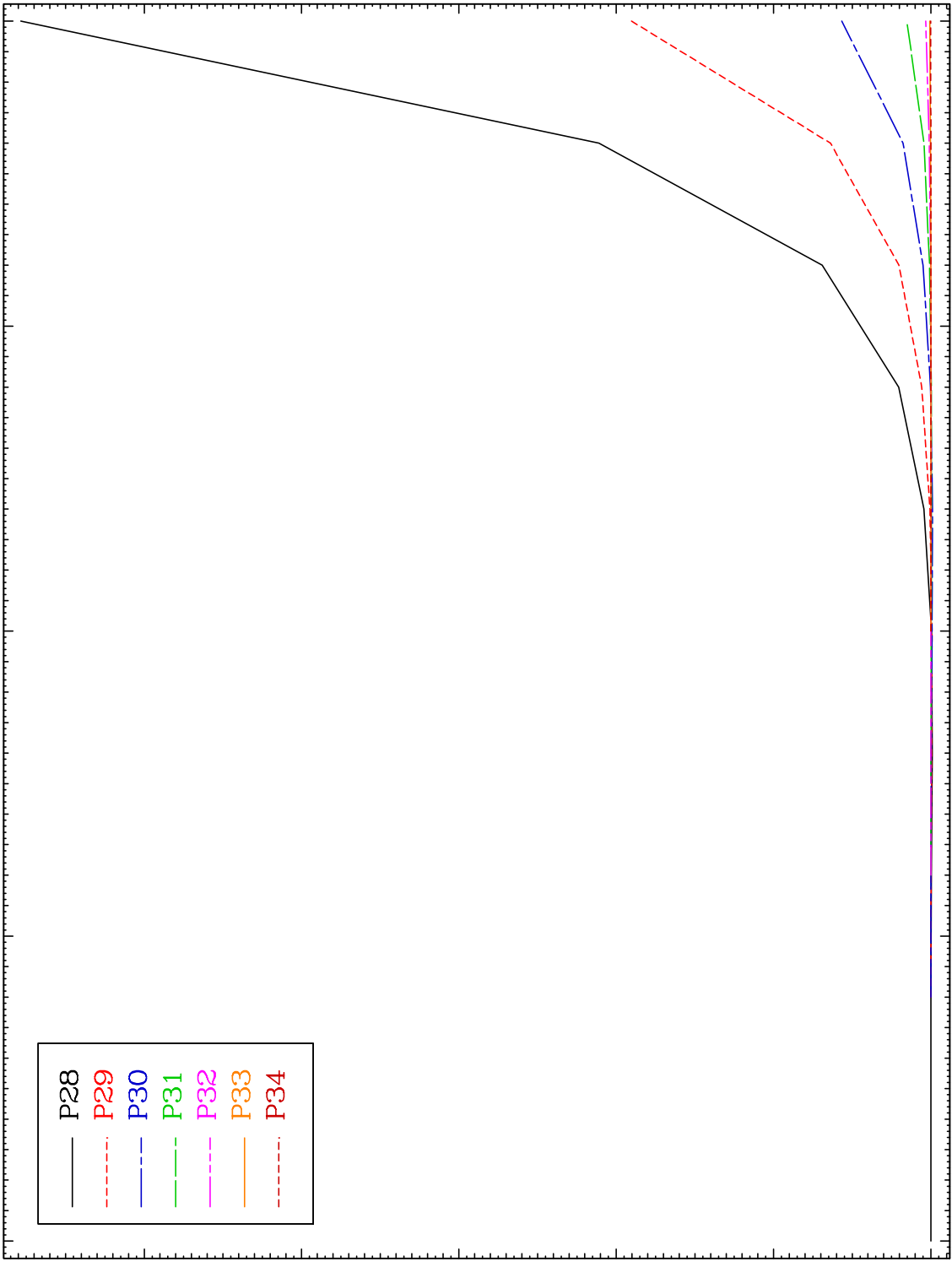
Elastic Legendre Coefficients

78-Pt-199



$\times 10^{-5}$
Legendre (CM)
1.0
0.8
0.6
0.4
0.2
0.0

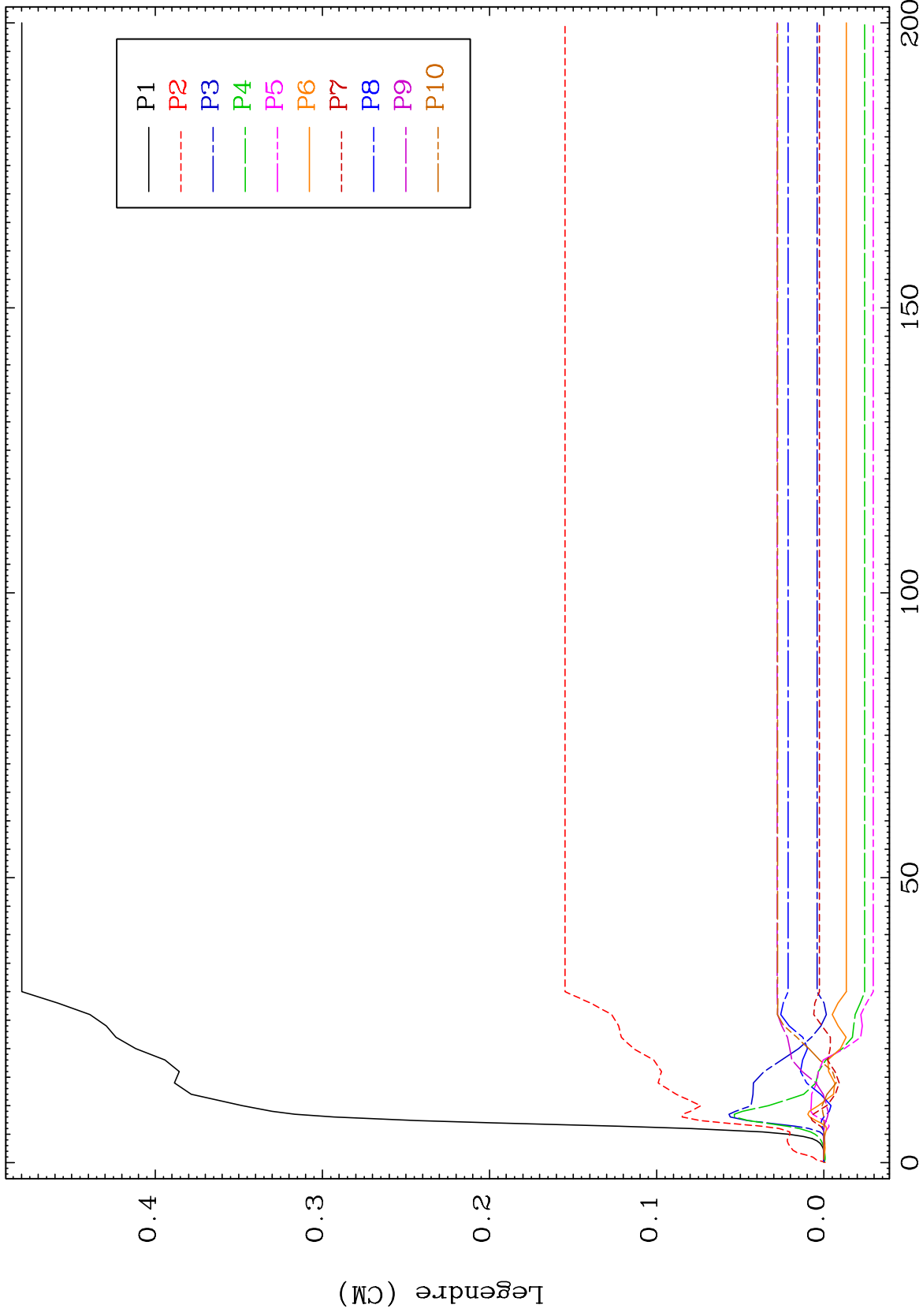
10 15 20 25 30
Incident Energy (MeV)
78-Pt-199



MAT 7852

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

78-Pt-199



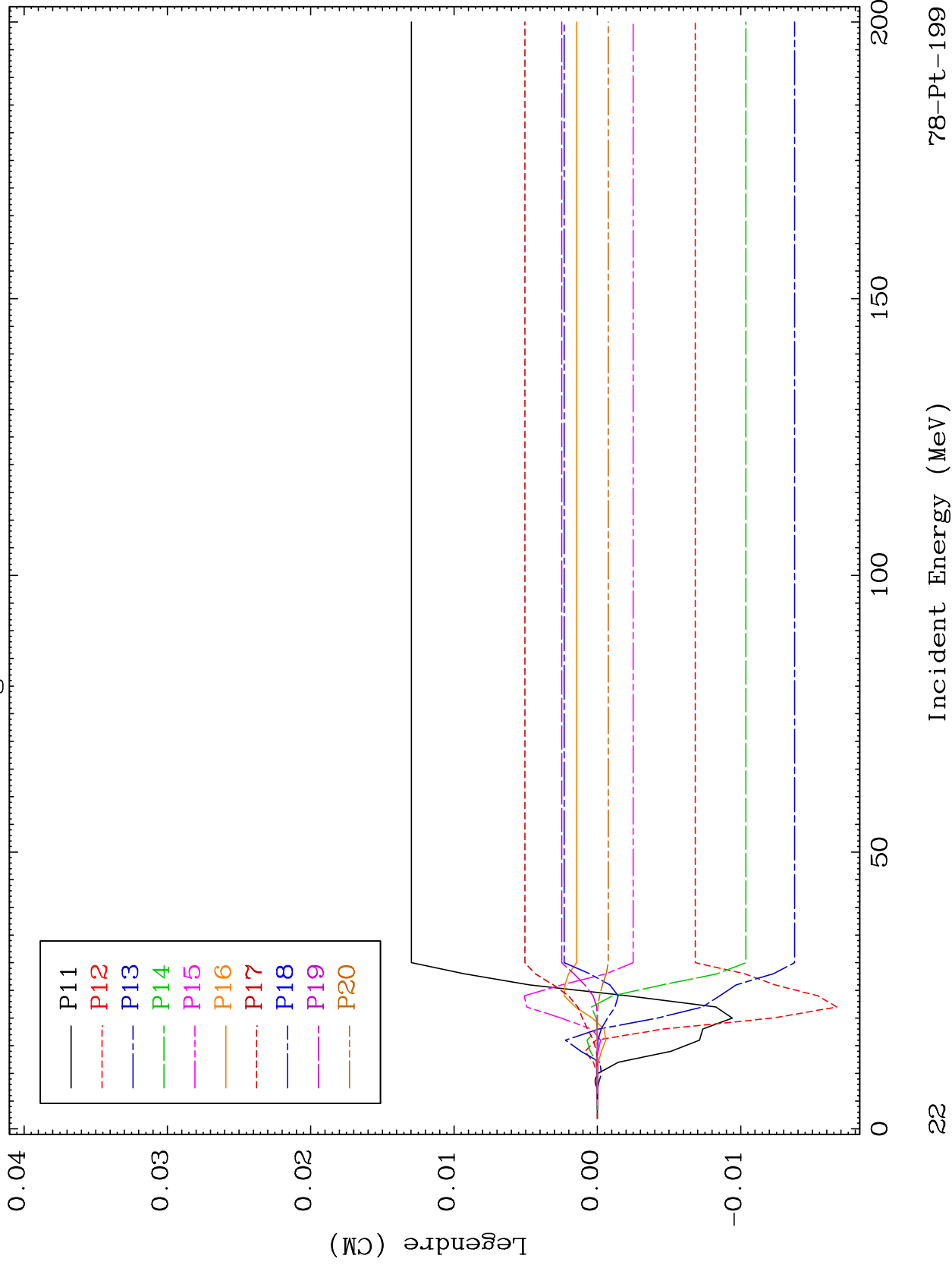
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78-Pt-199

MAT 7852

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

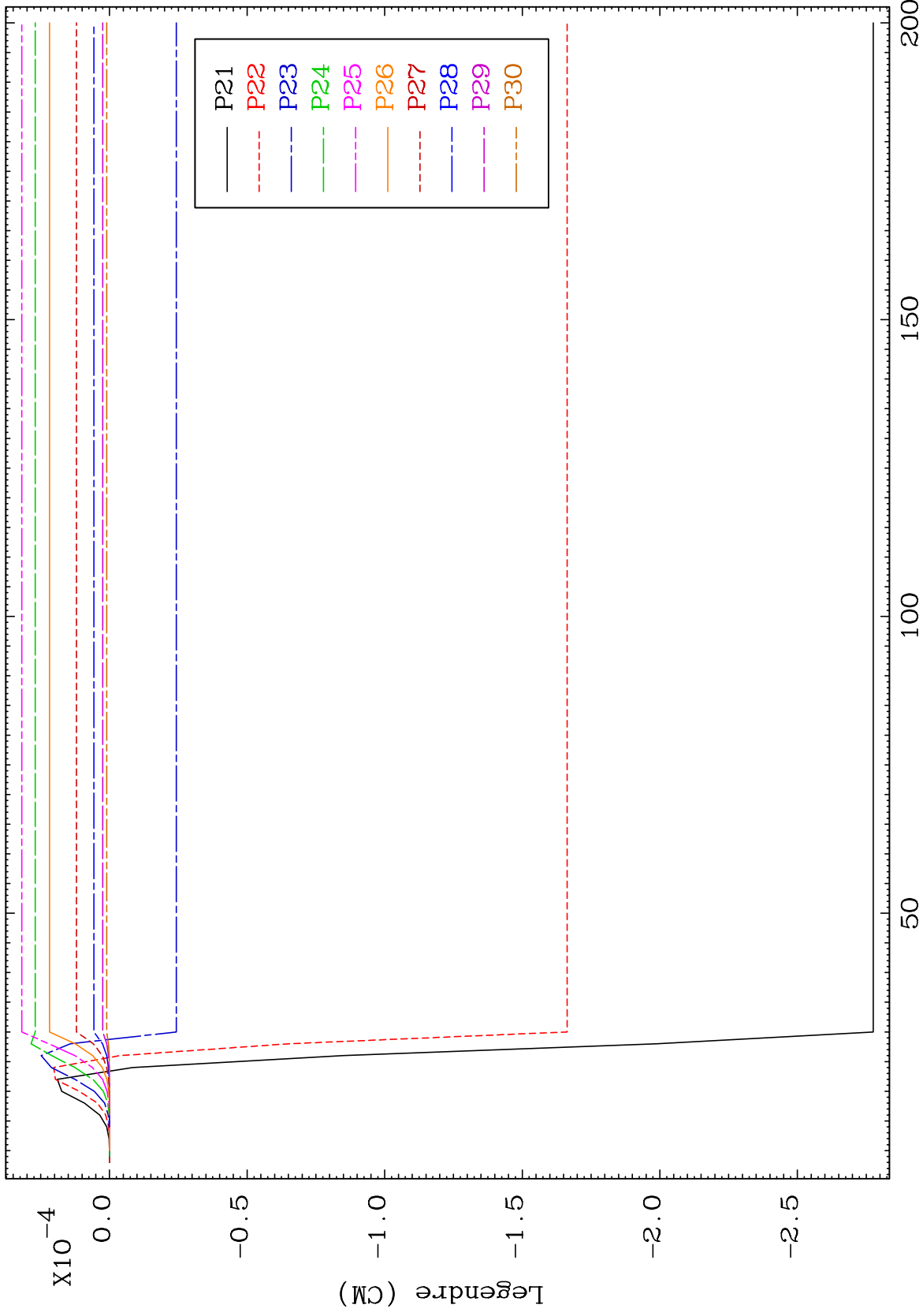
78-Pt-199



22

Incident Energy (MeV)

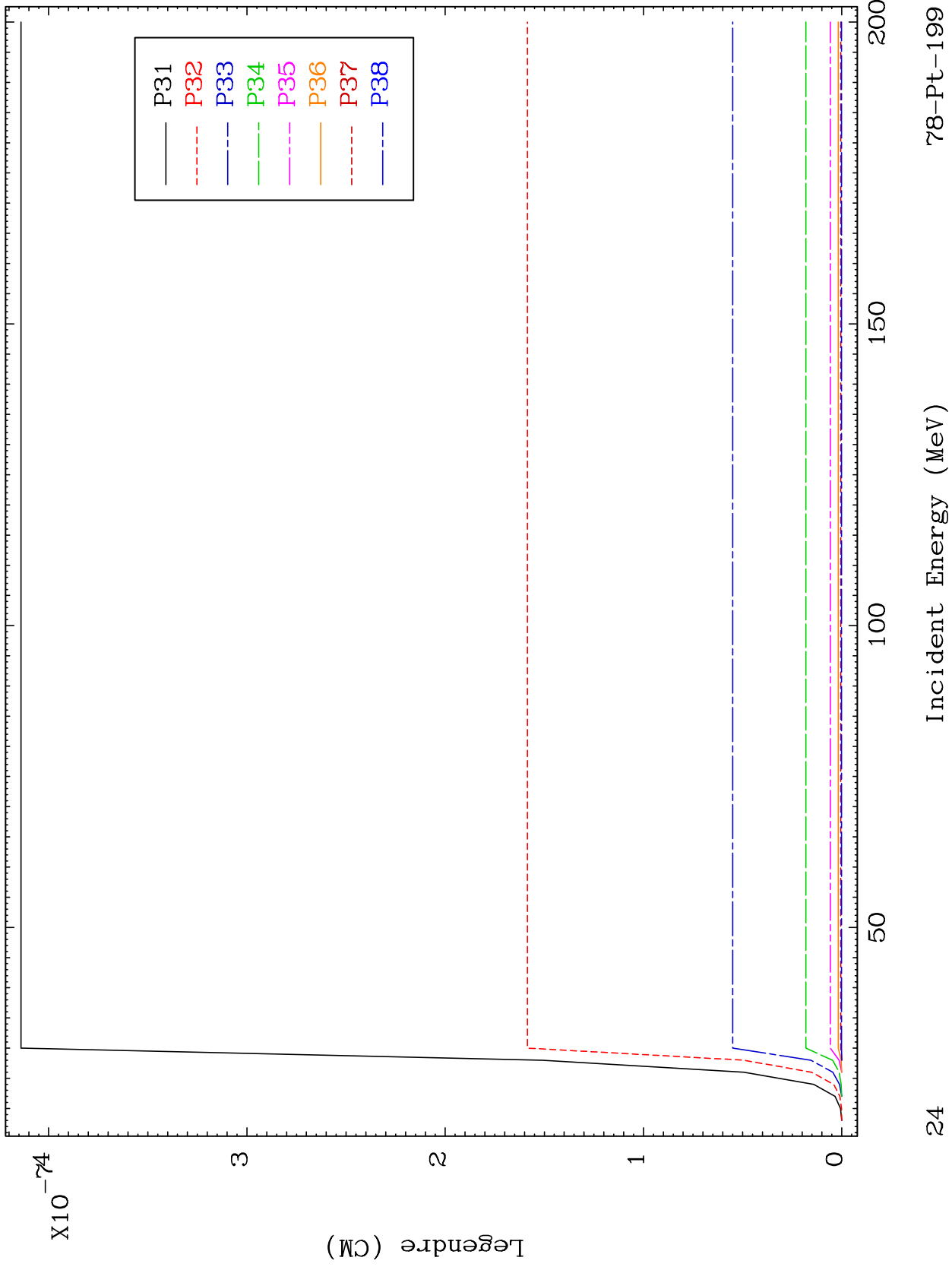
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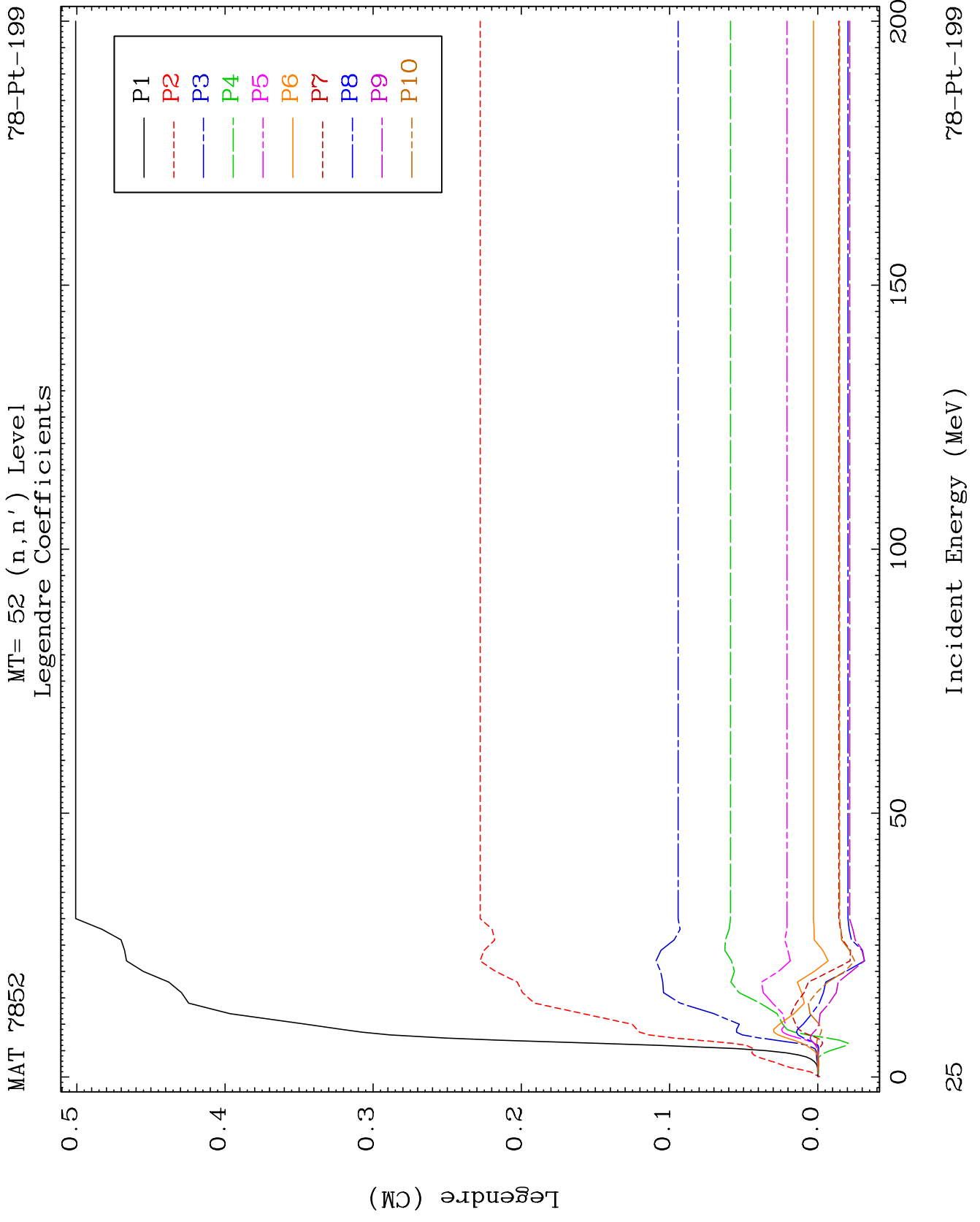
MAT 7852

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

78-Pt-199



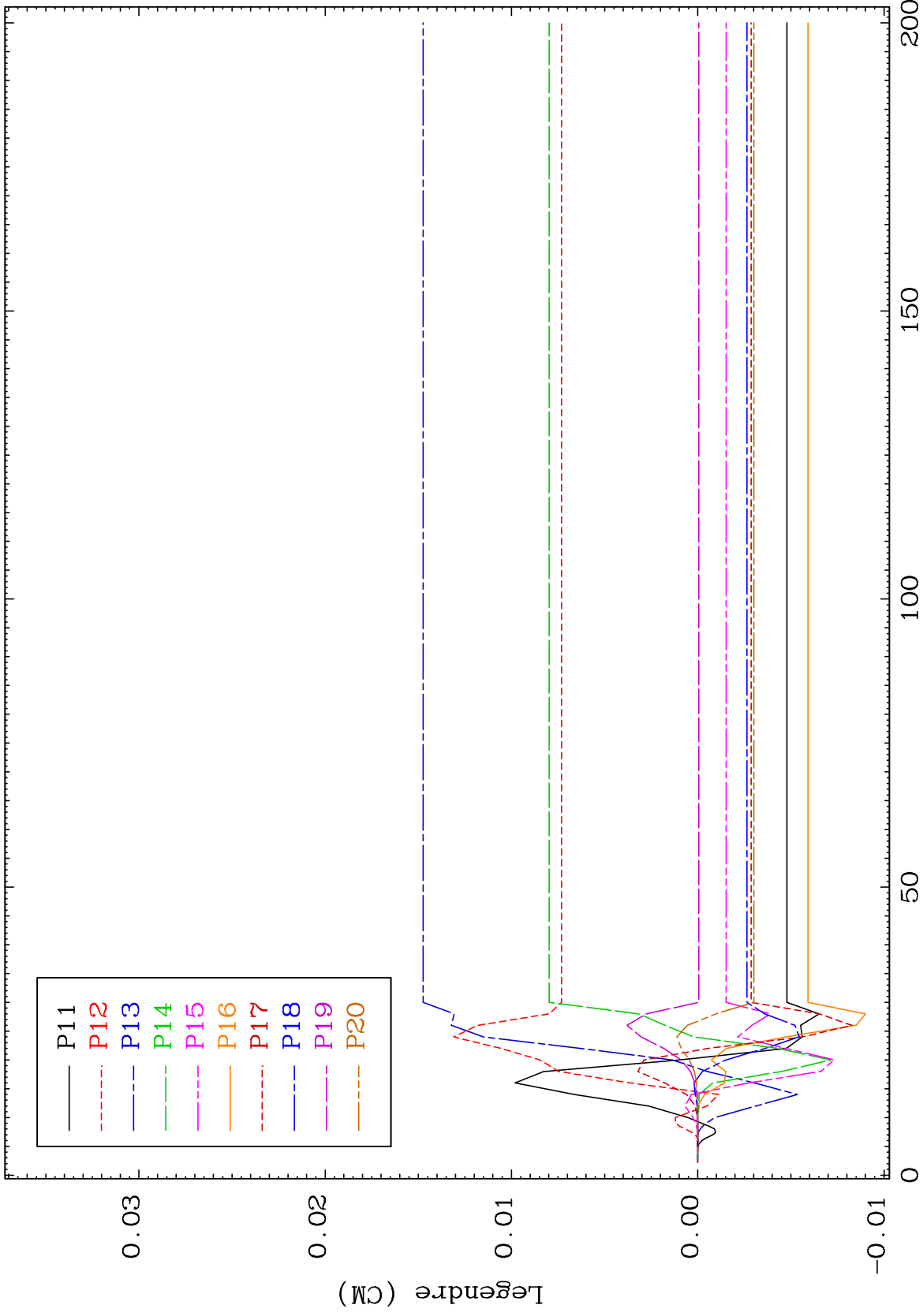
24



MAT 7852

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

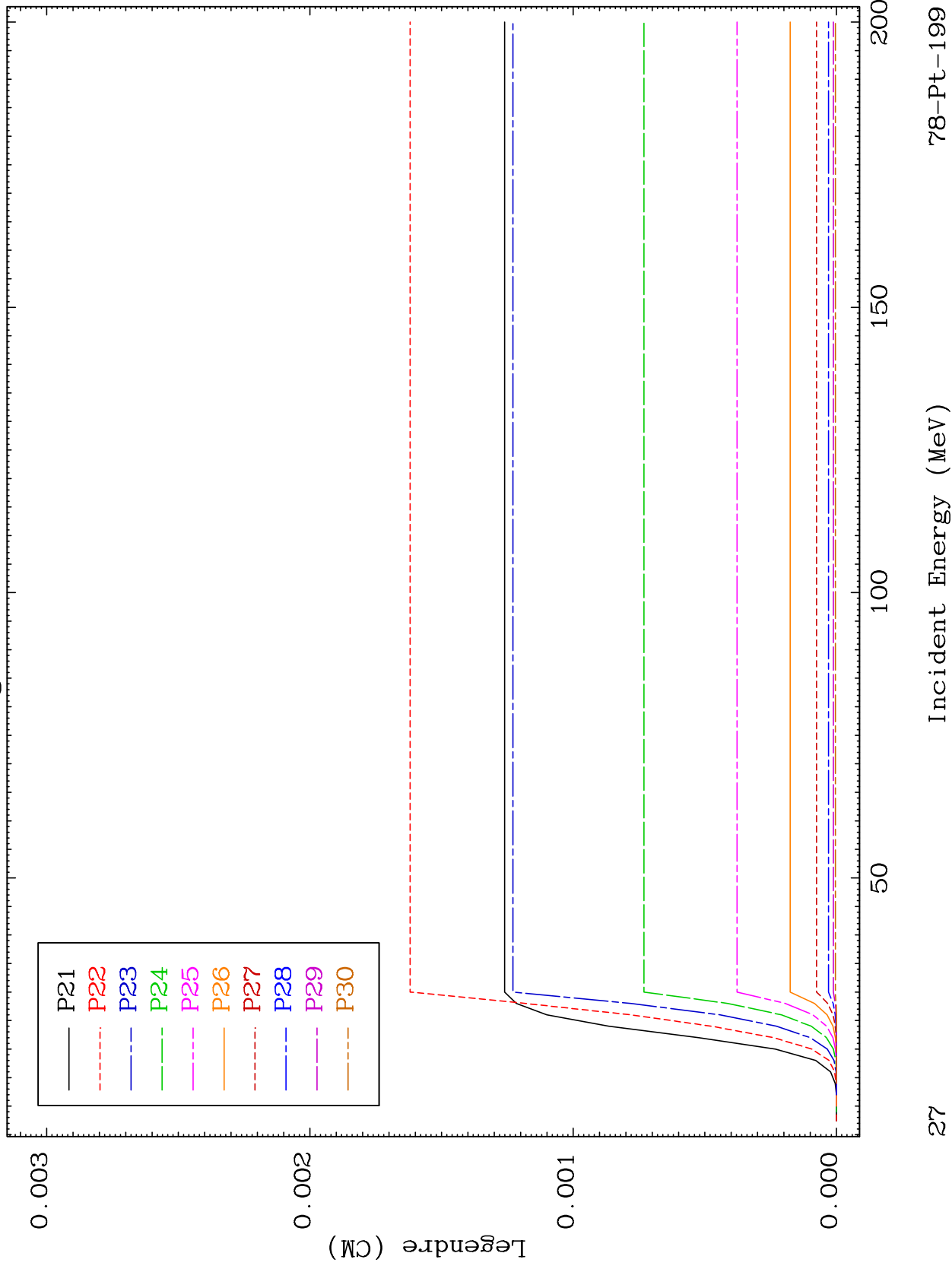
78-Pt-199



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Incident Energy (MeV)

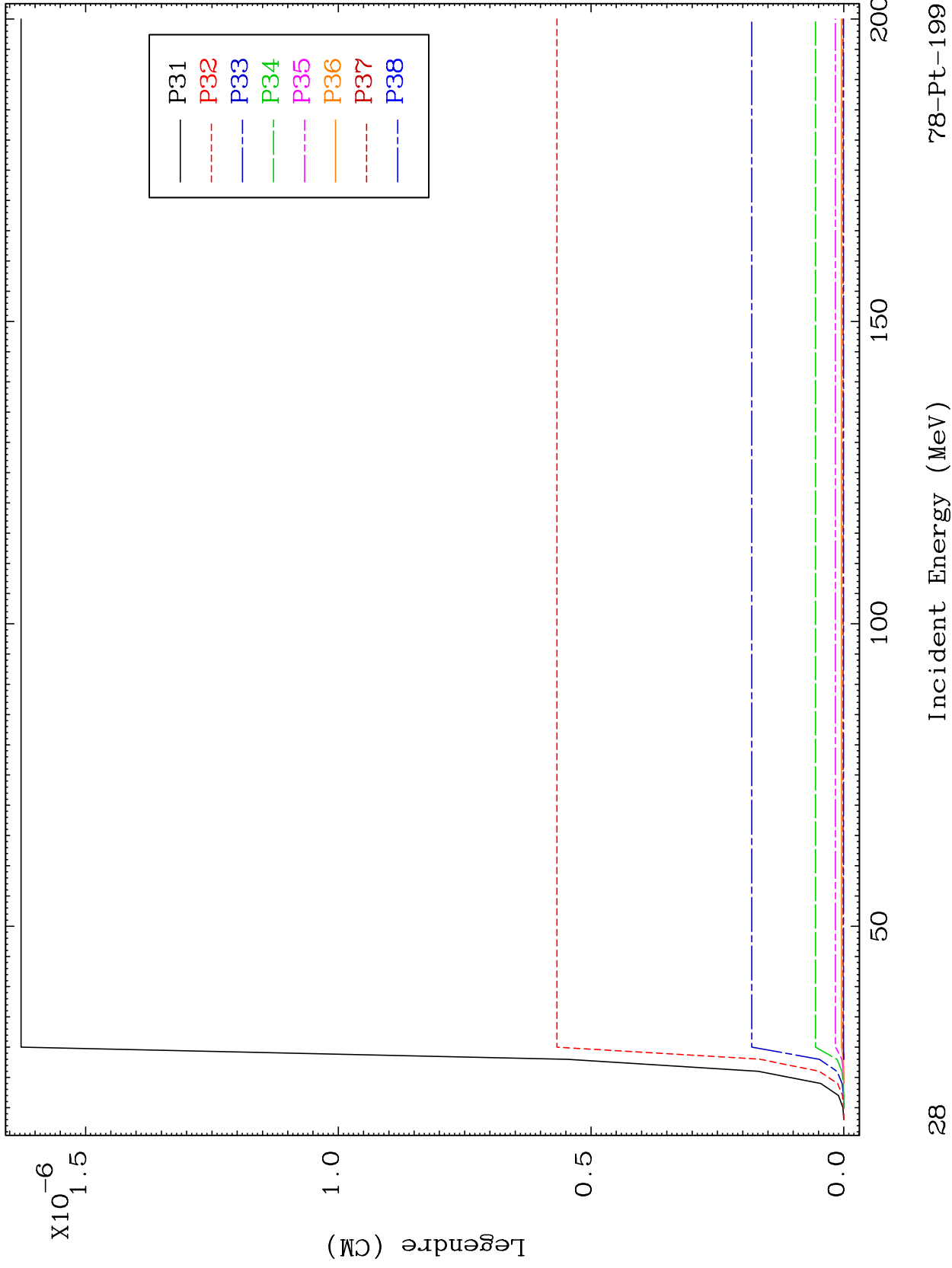
78-Pt-199



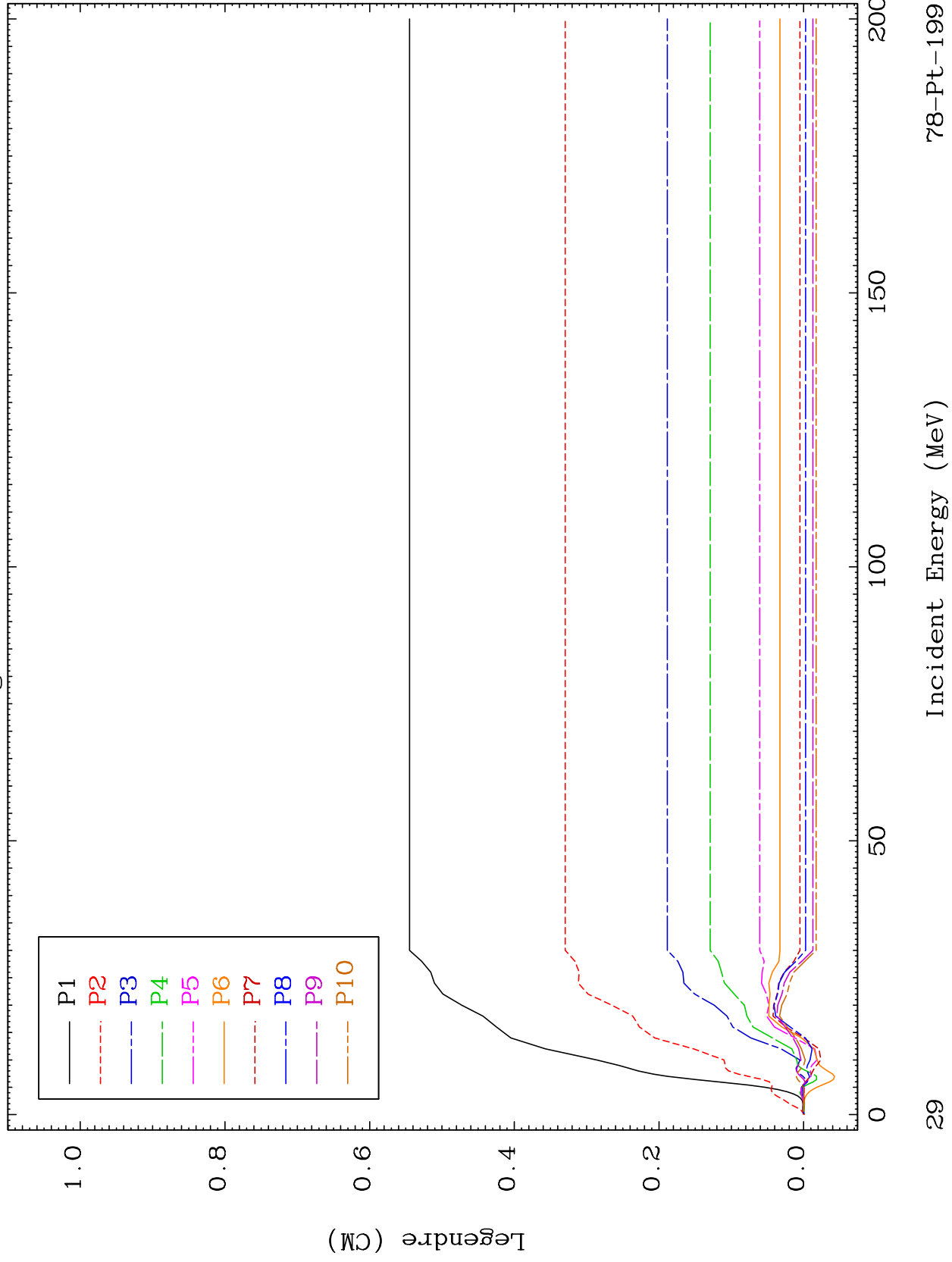
MAT 7852

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

78-Pt-199



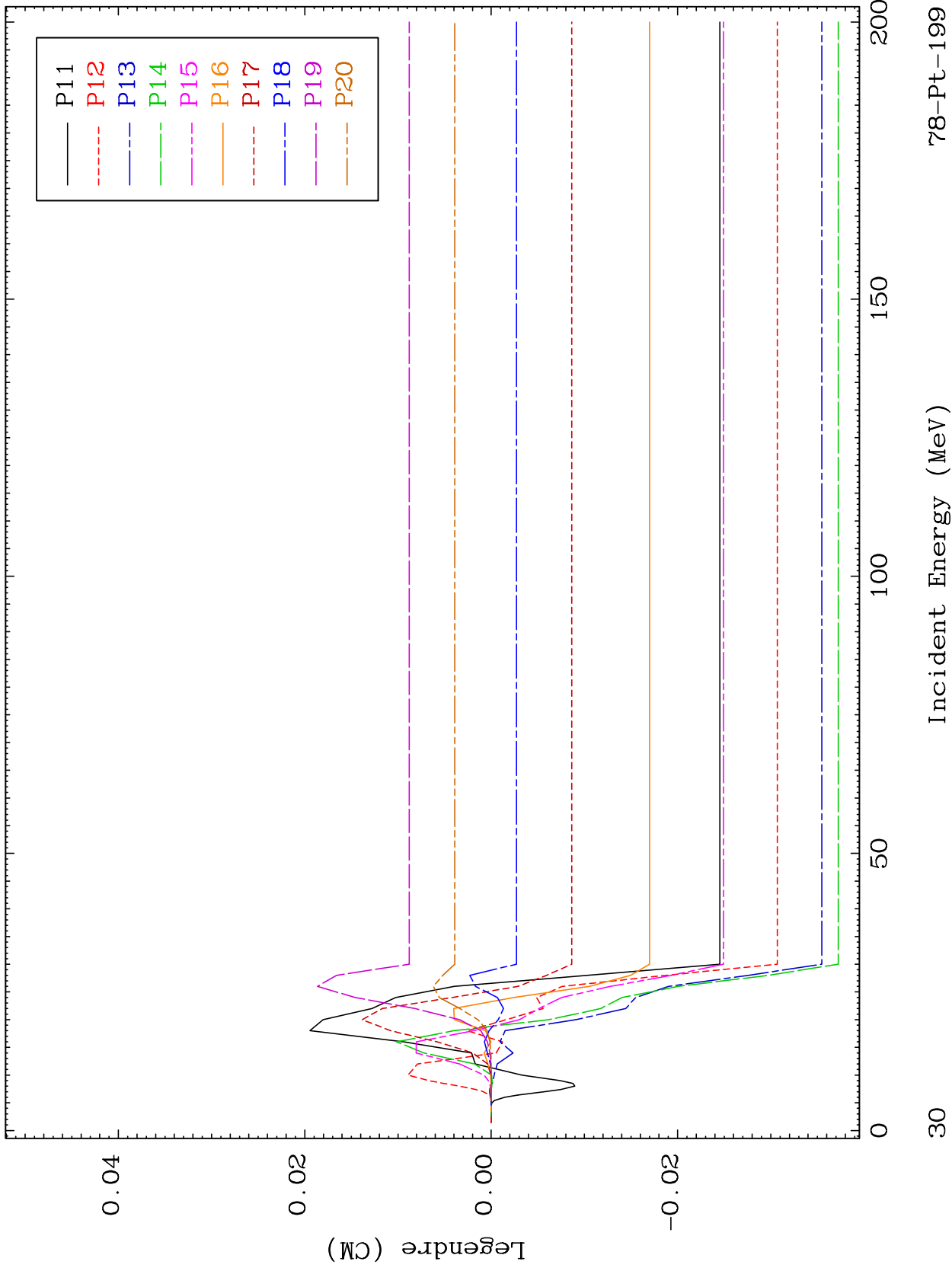
28



MAT 7852

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

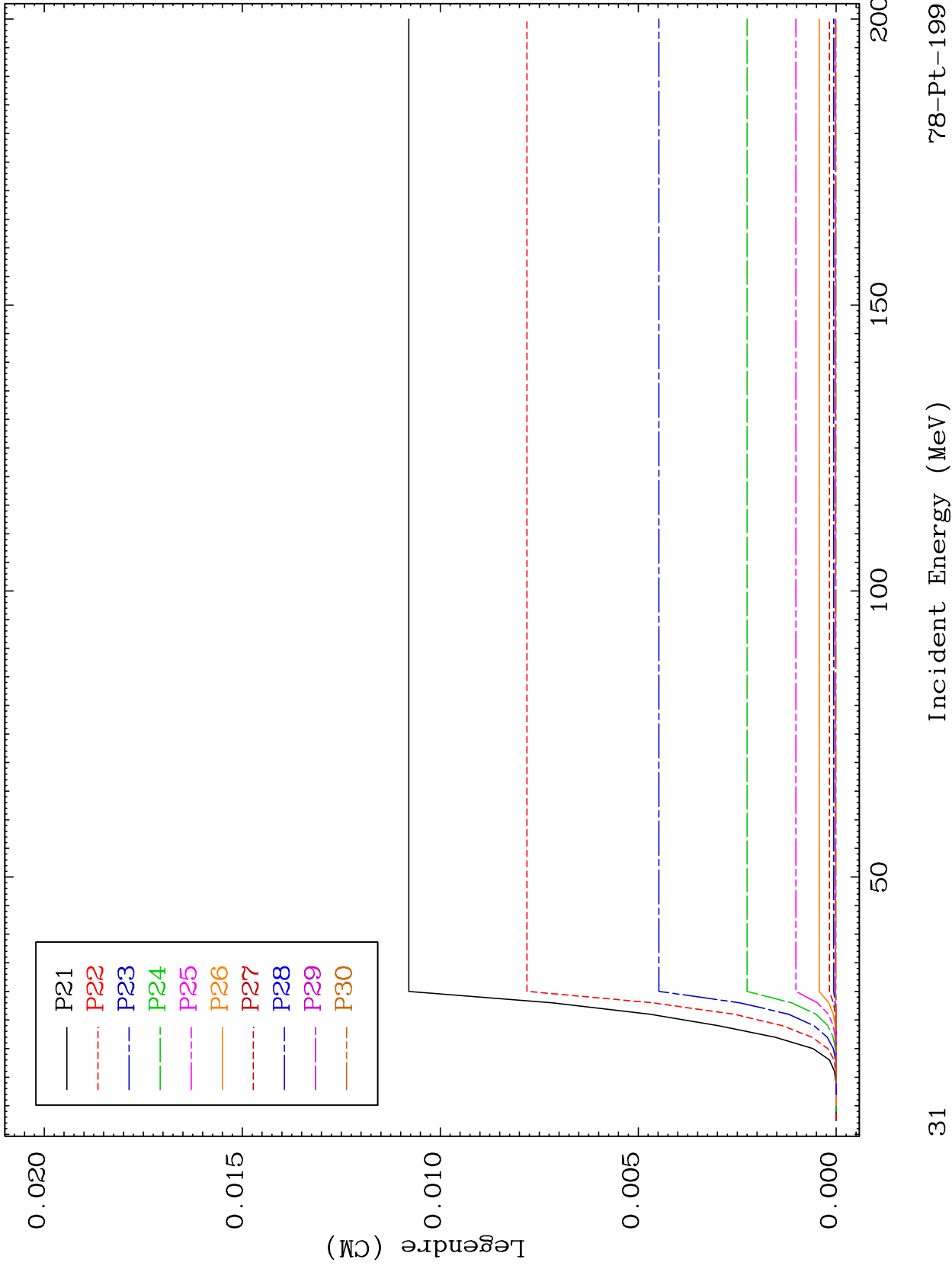
78-Pt-199



78-Pt-199

Incident Energy (MeV)

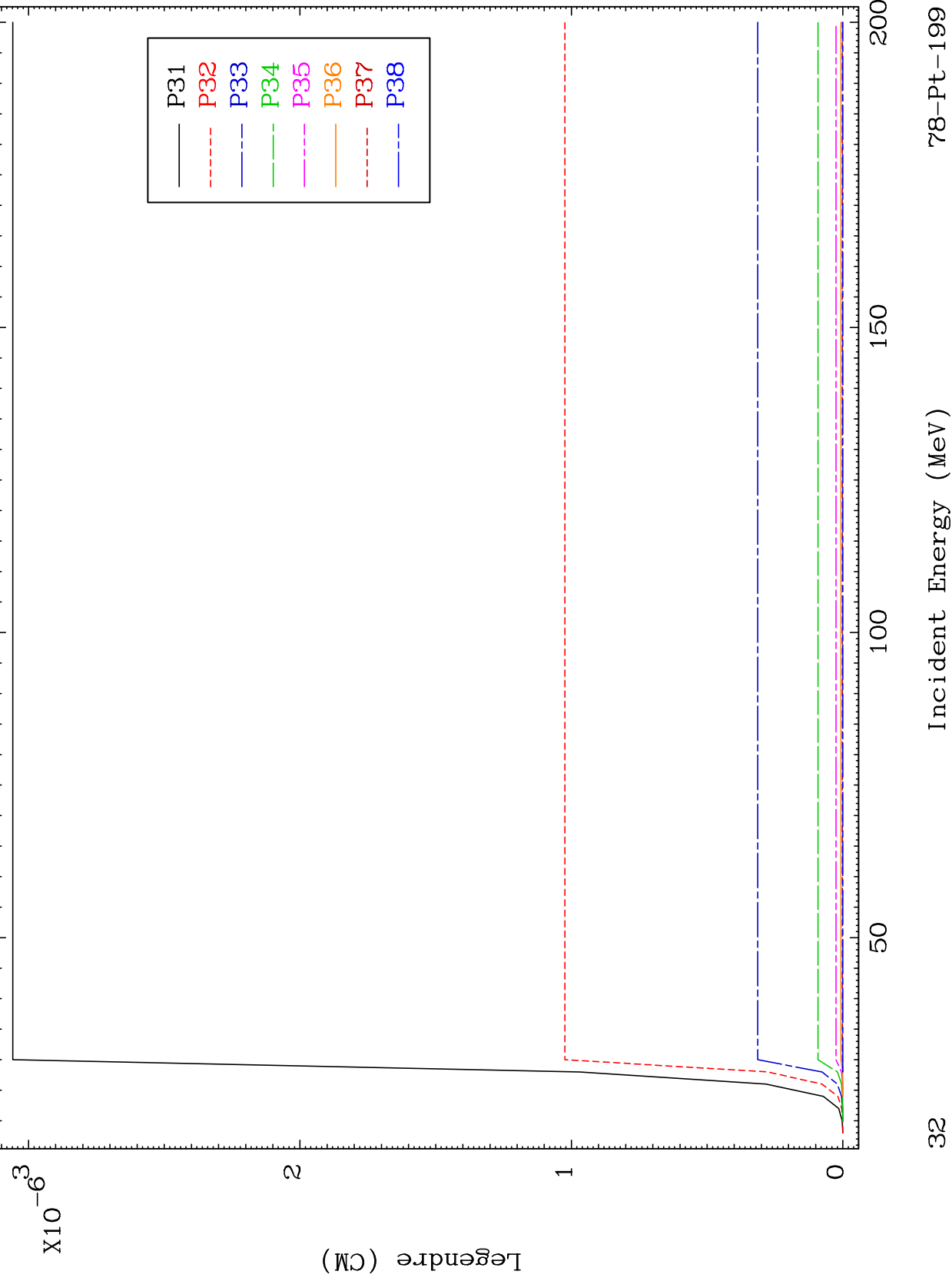
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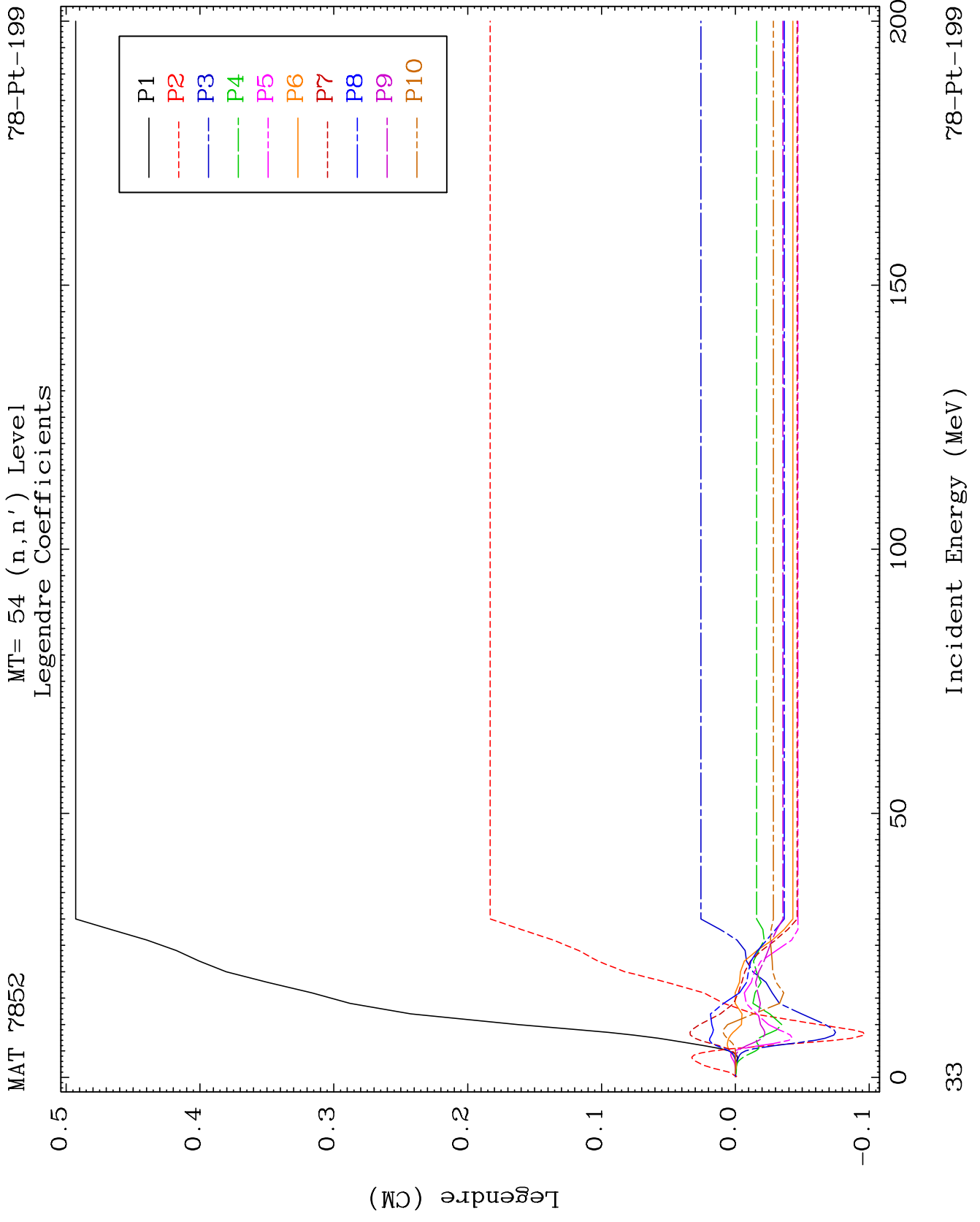


MAT 7852

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

78-Pt-199

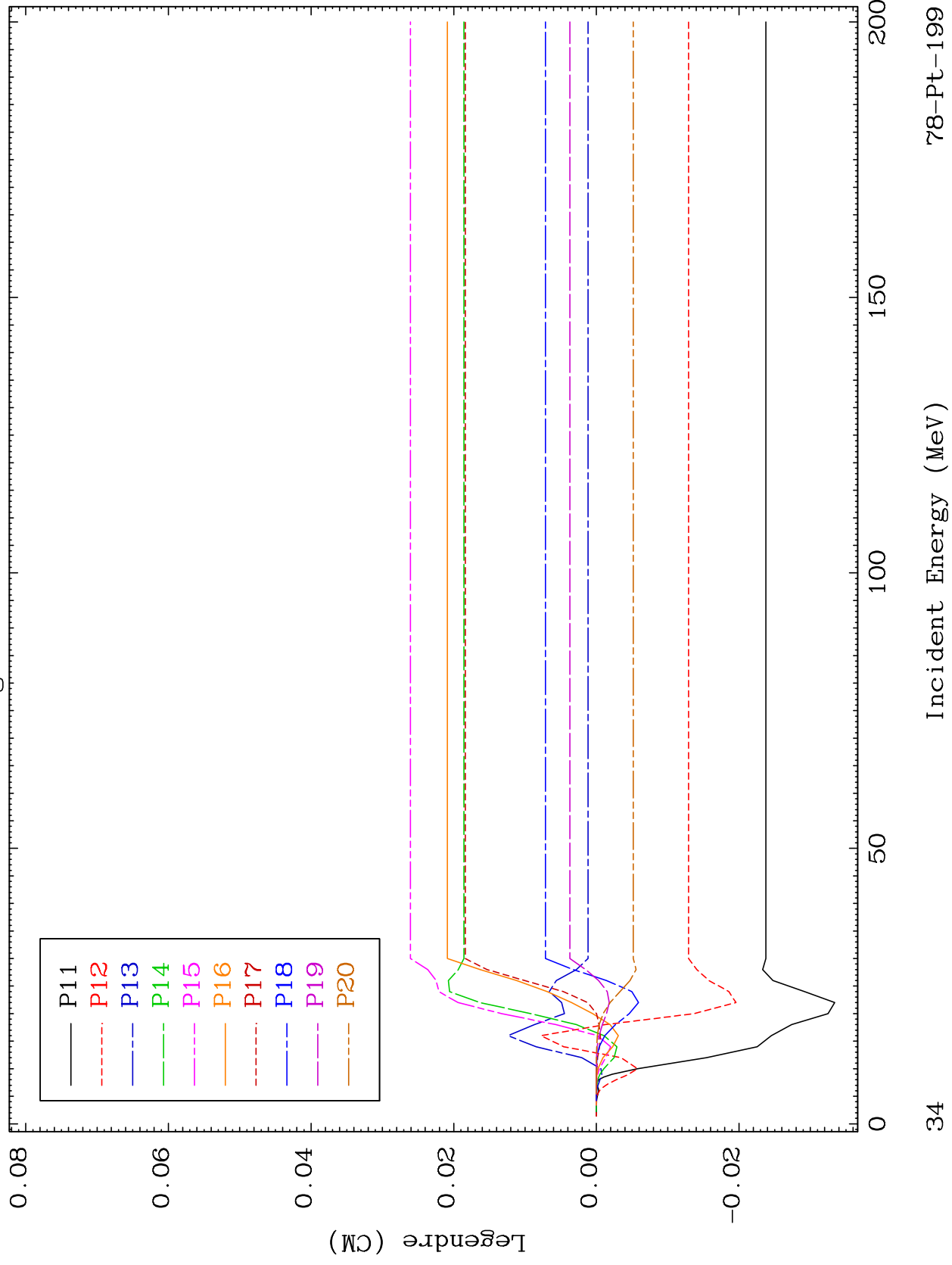




MAT 7852

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

78-Pt-199



34

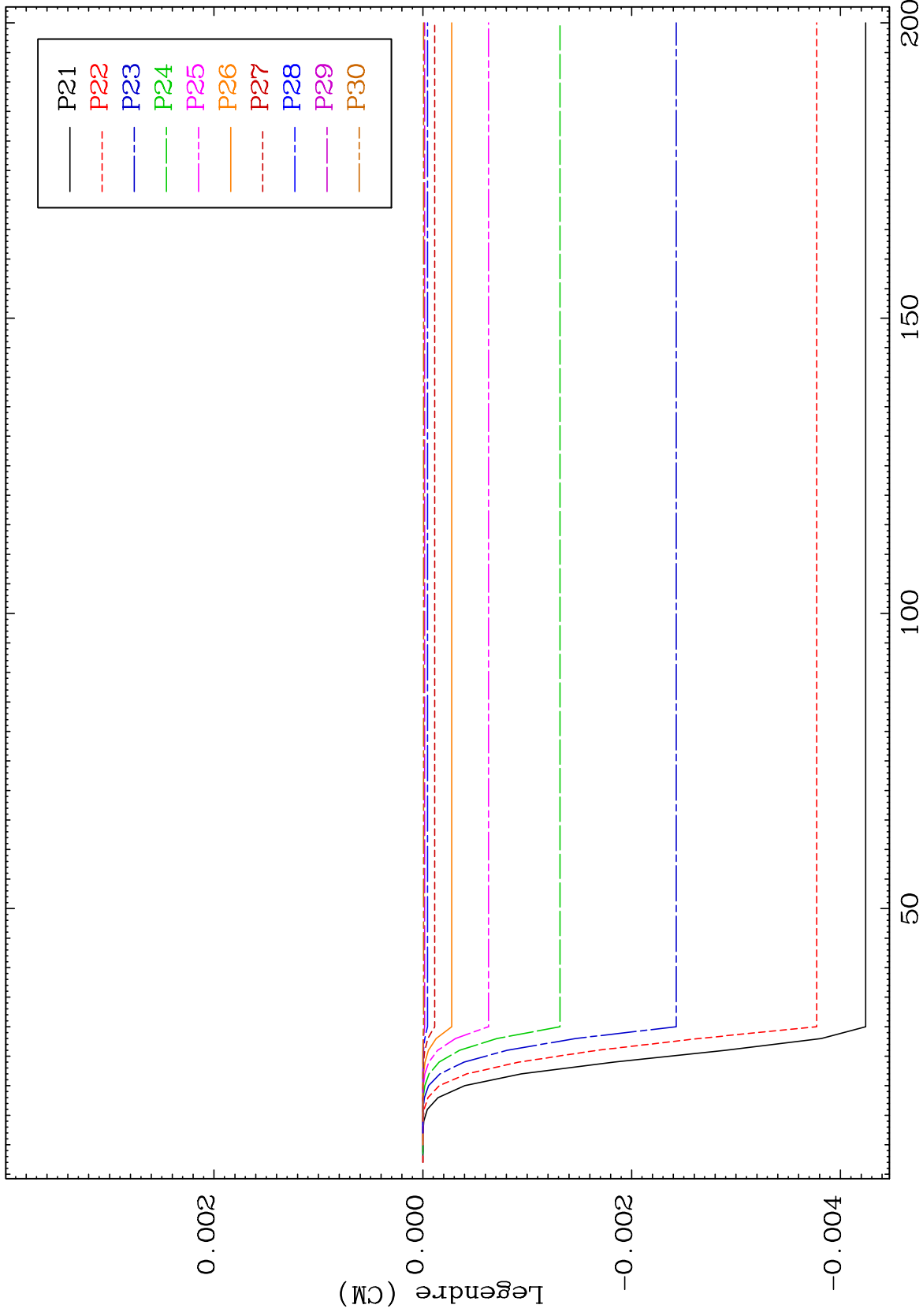
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

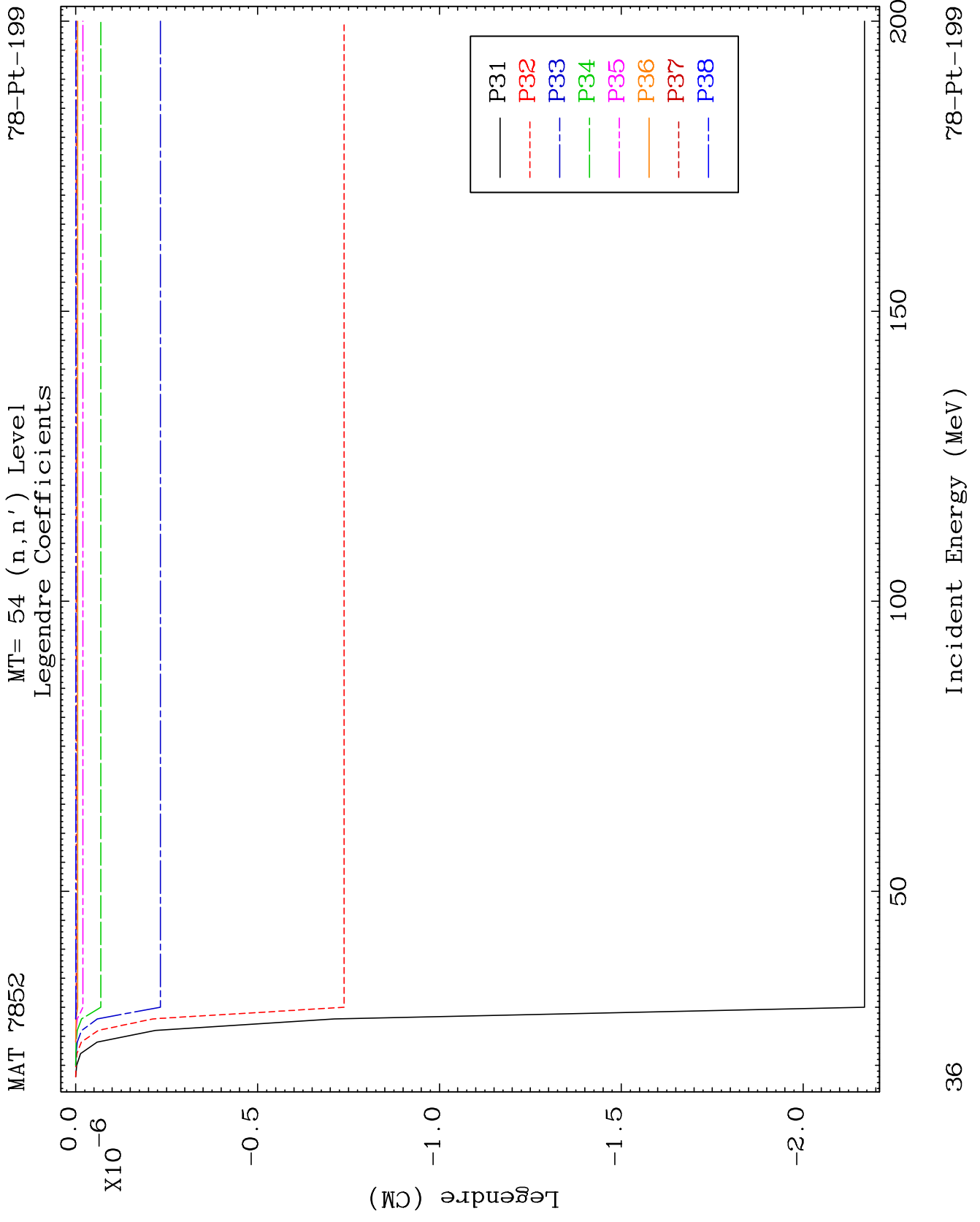
78-Pt-199



35

Incident Energy (MeV)

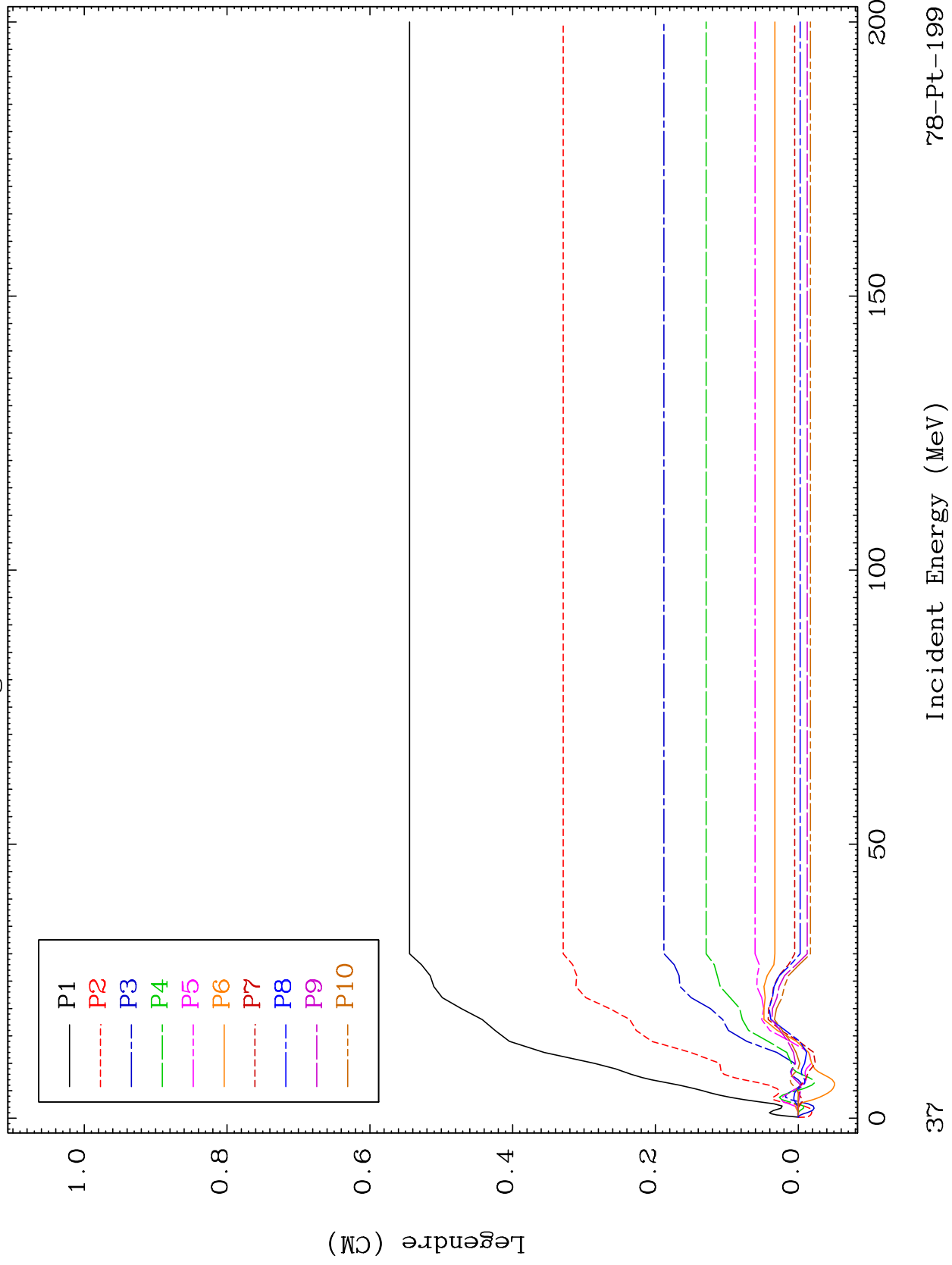
78-Pt-199



MAT 7852

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

78-Pt-199



37

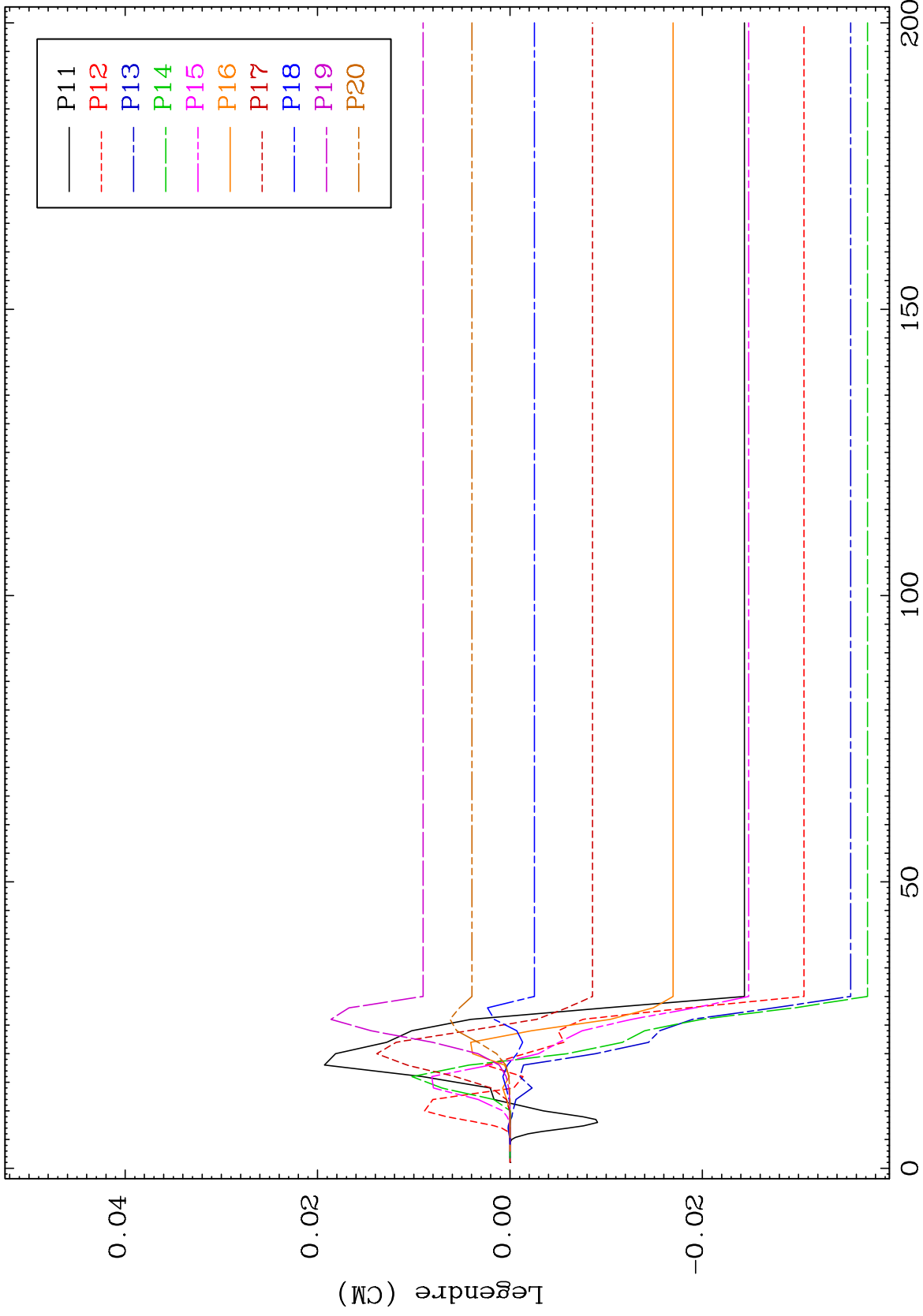
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



38

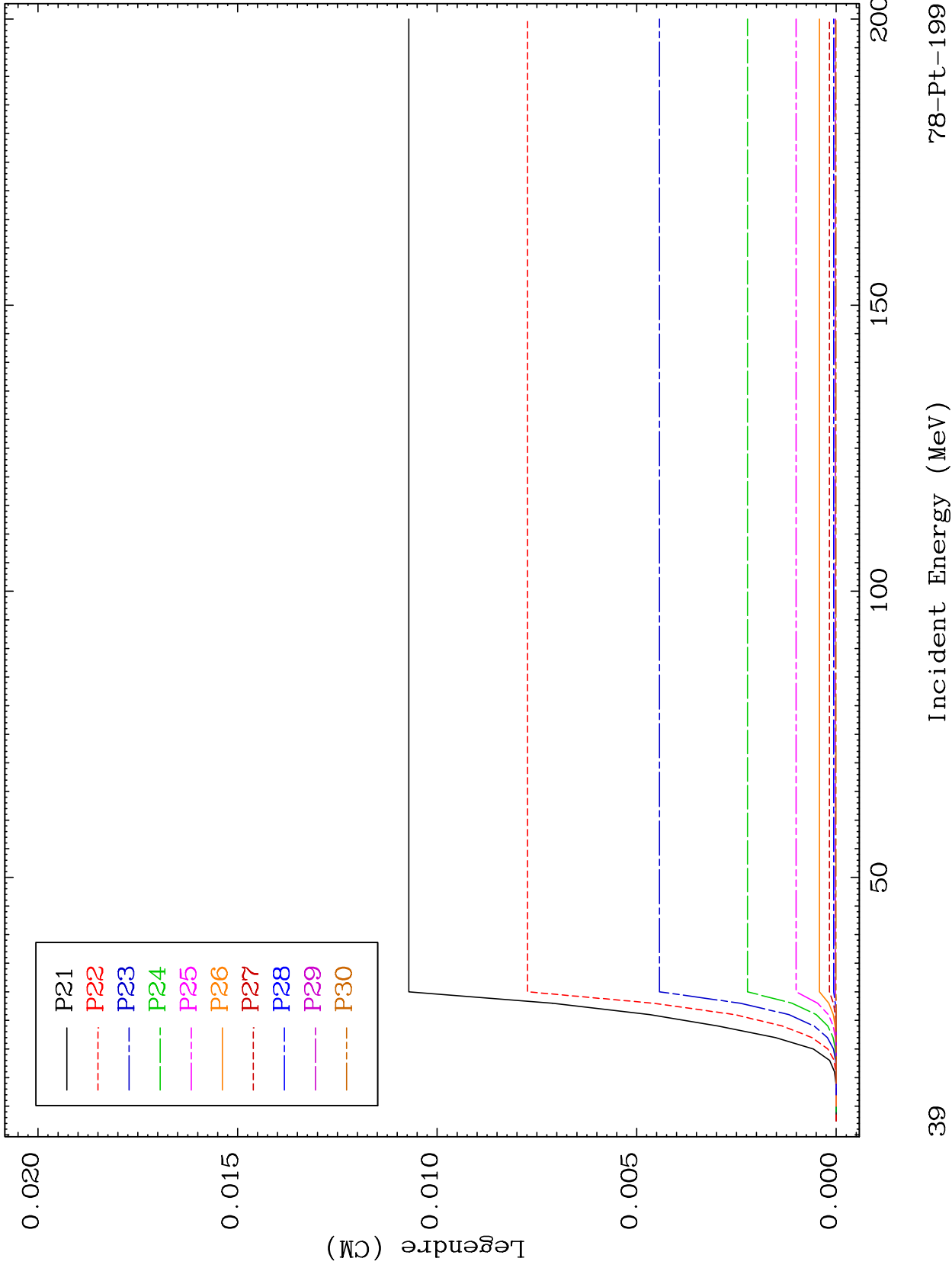
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



39

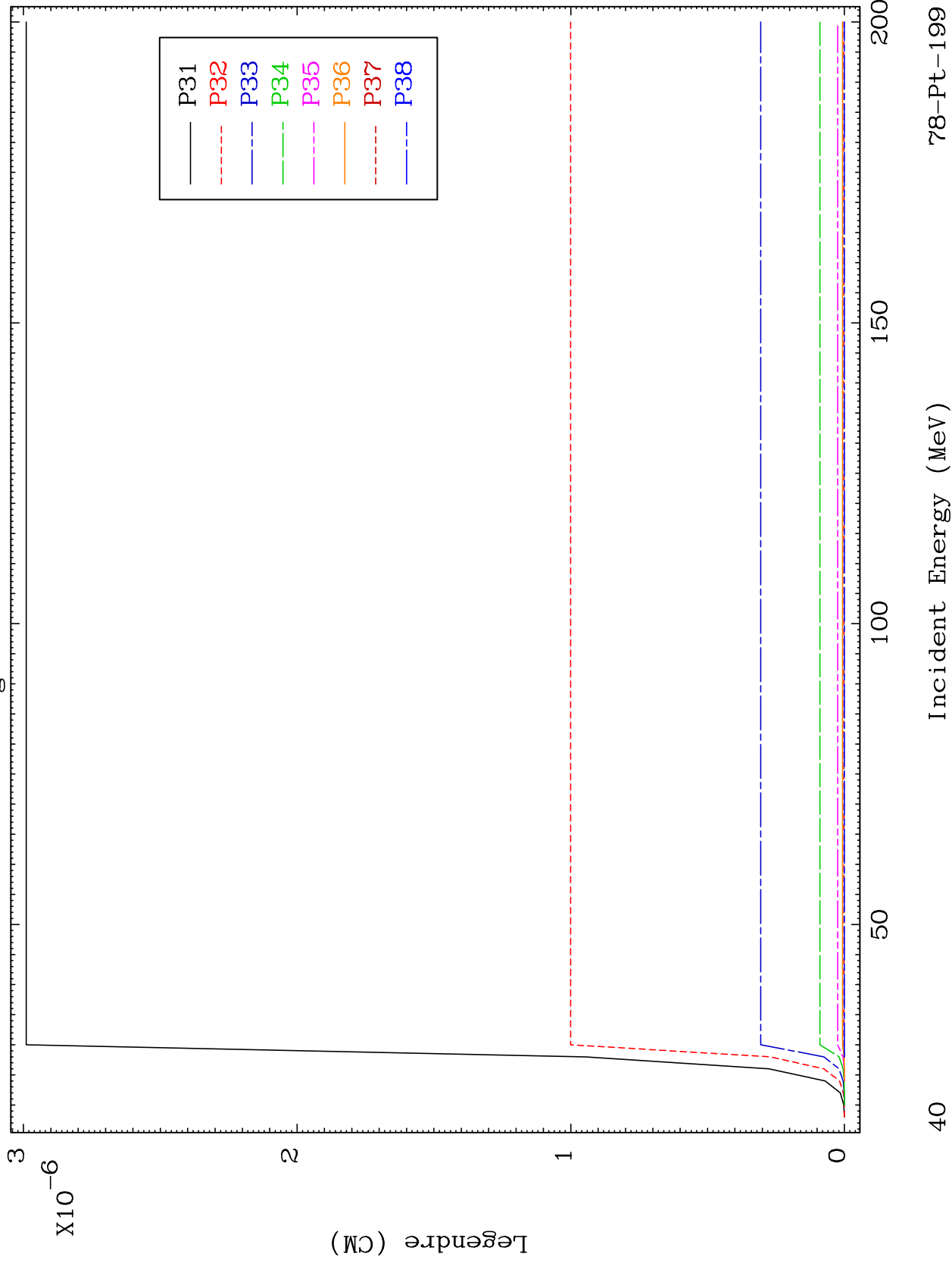
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

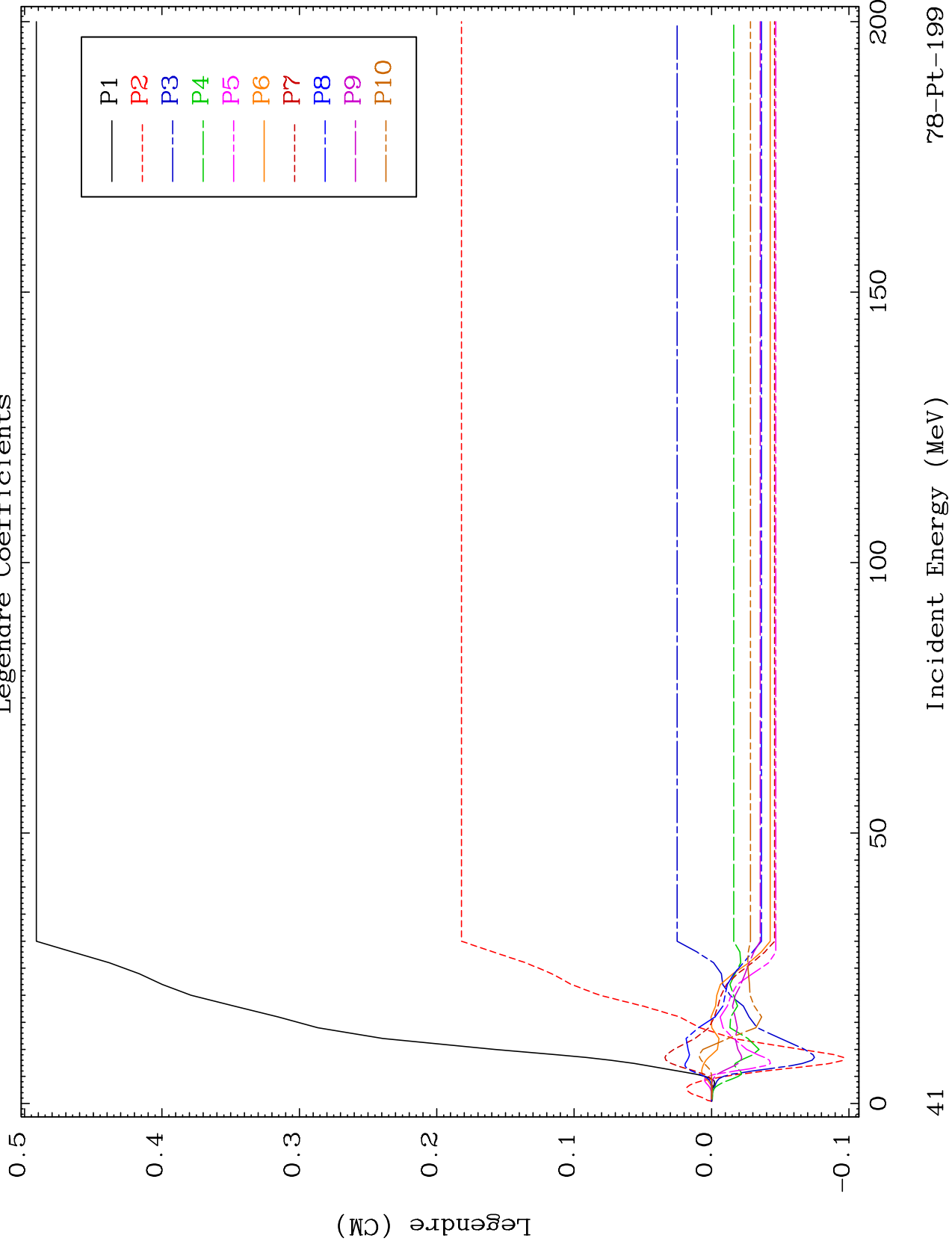
78-Pt-199



MAT 7852

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

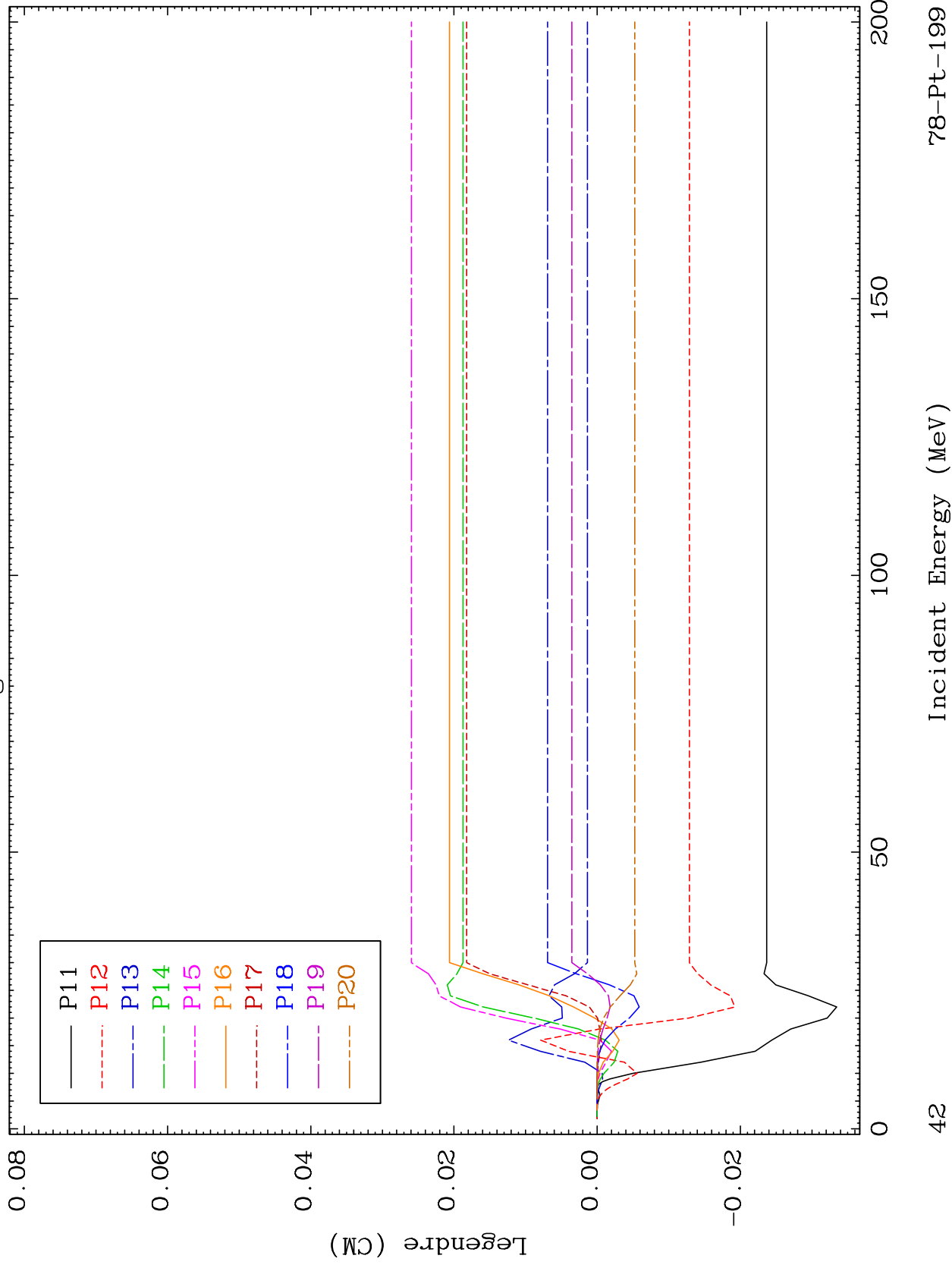
78-Pt-199



MAT 7852

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

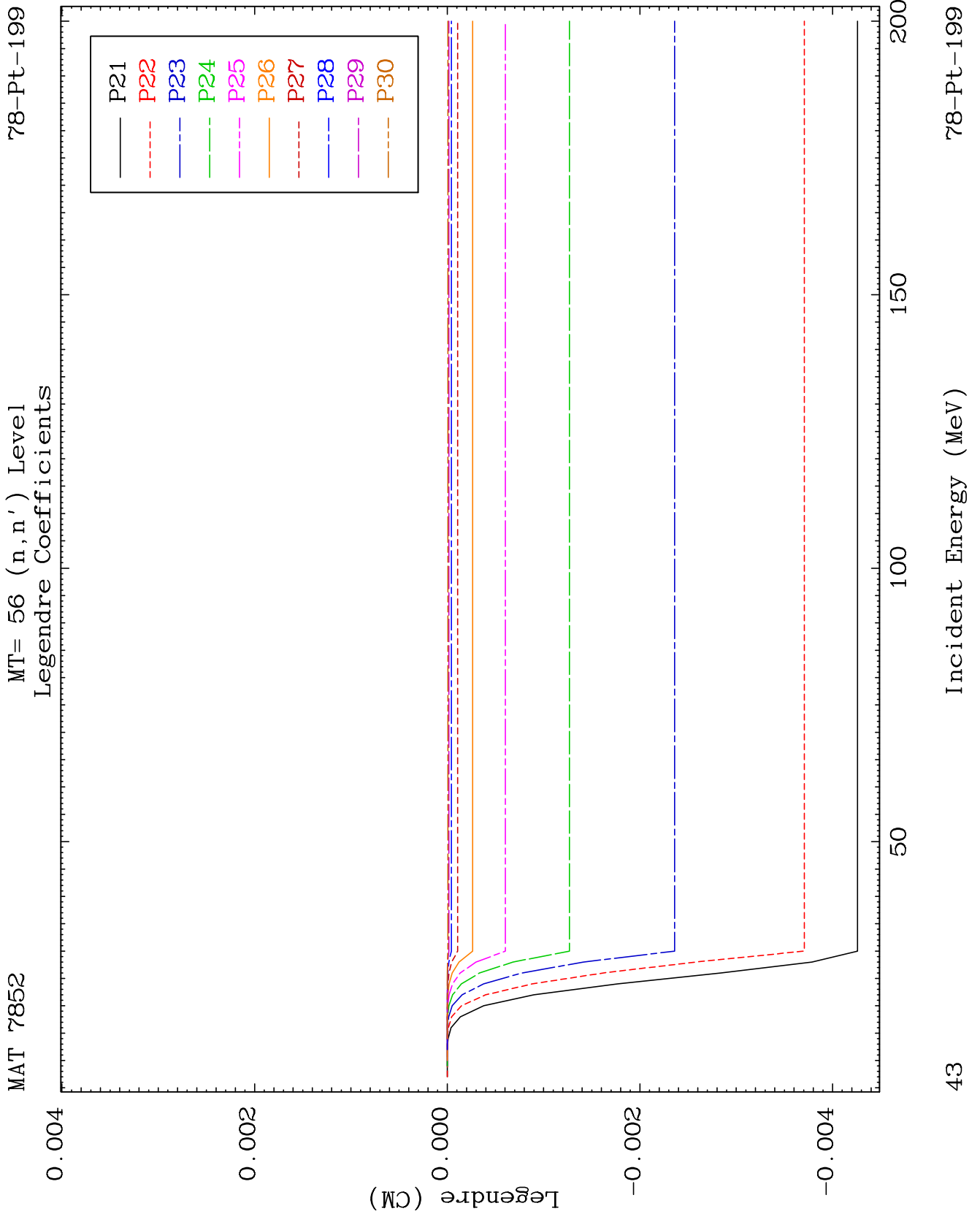
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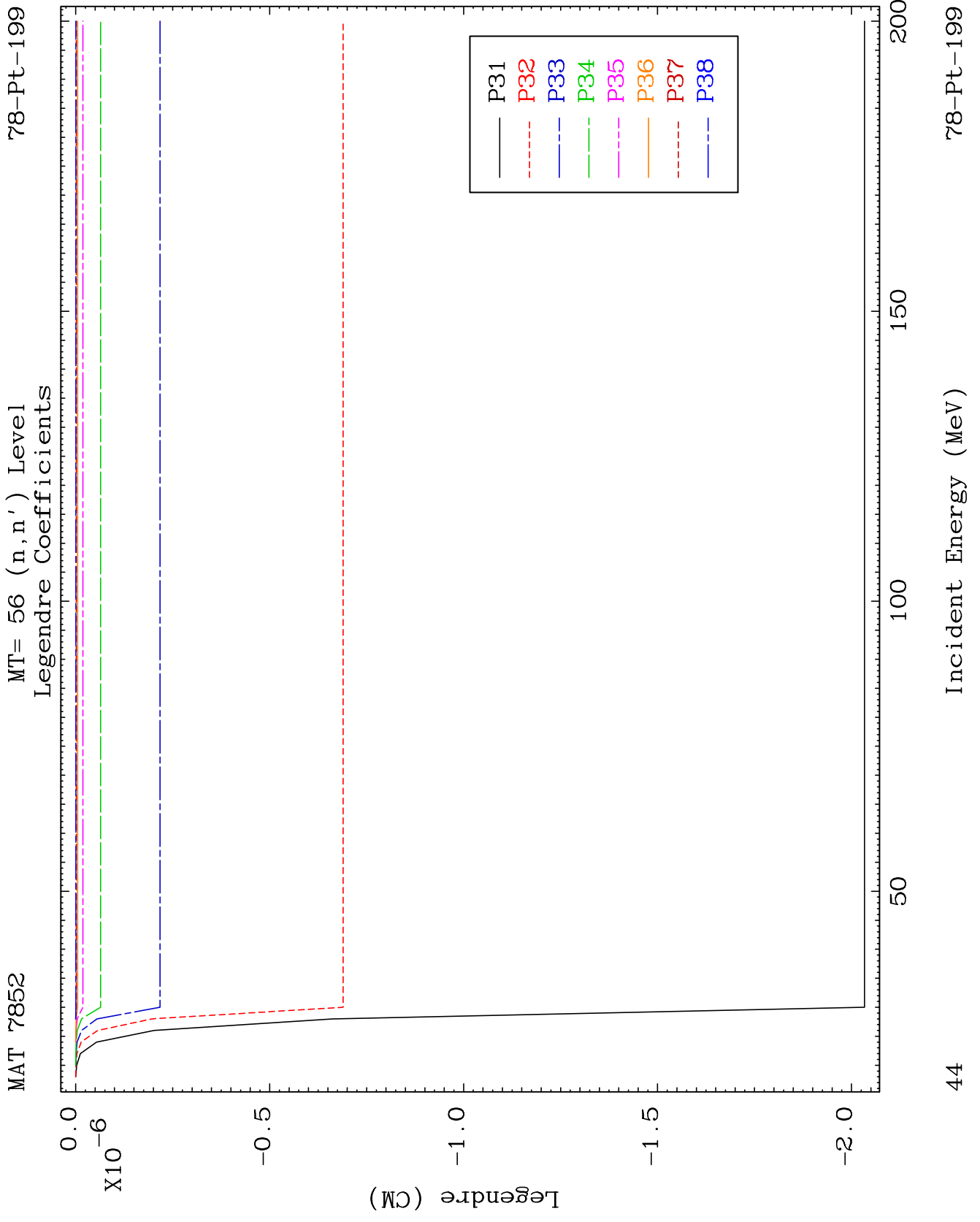


42

Incident Energy (MeV)

78-Pt-199

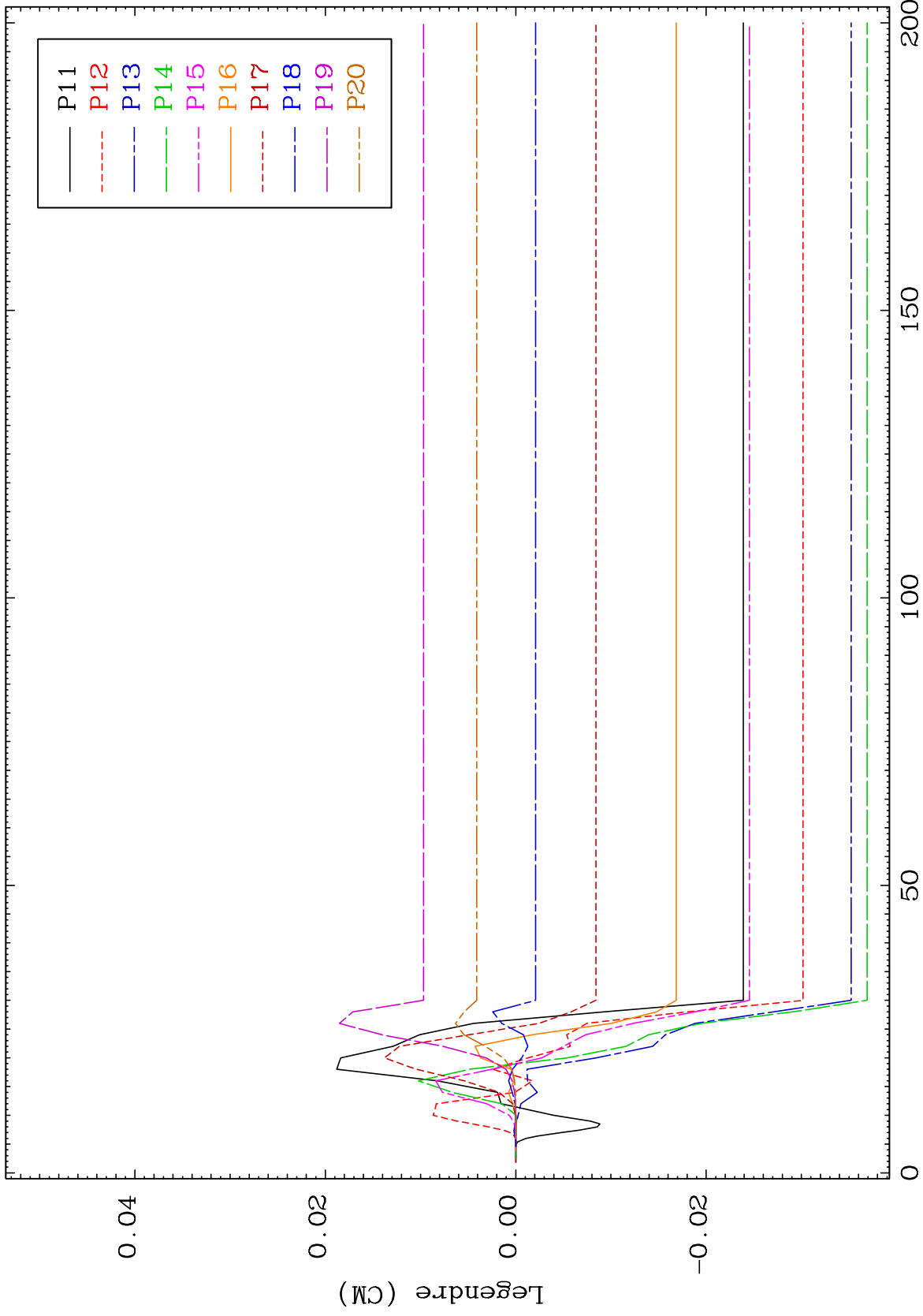




MAT 7852

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

78-Pt-199



46

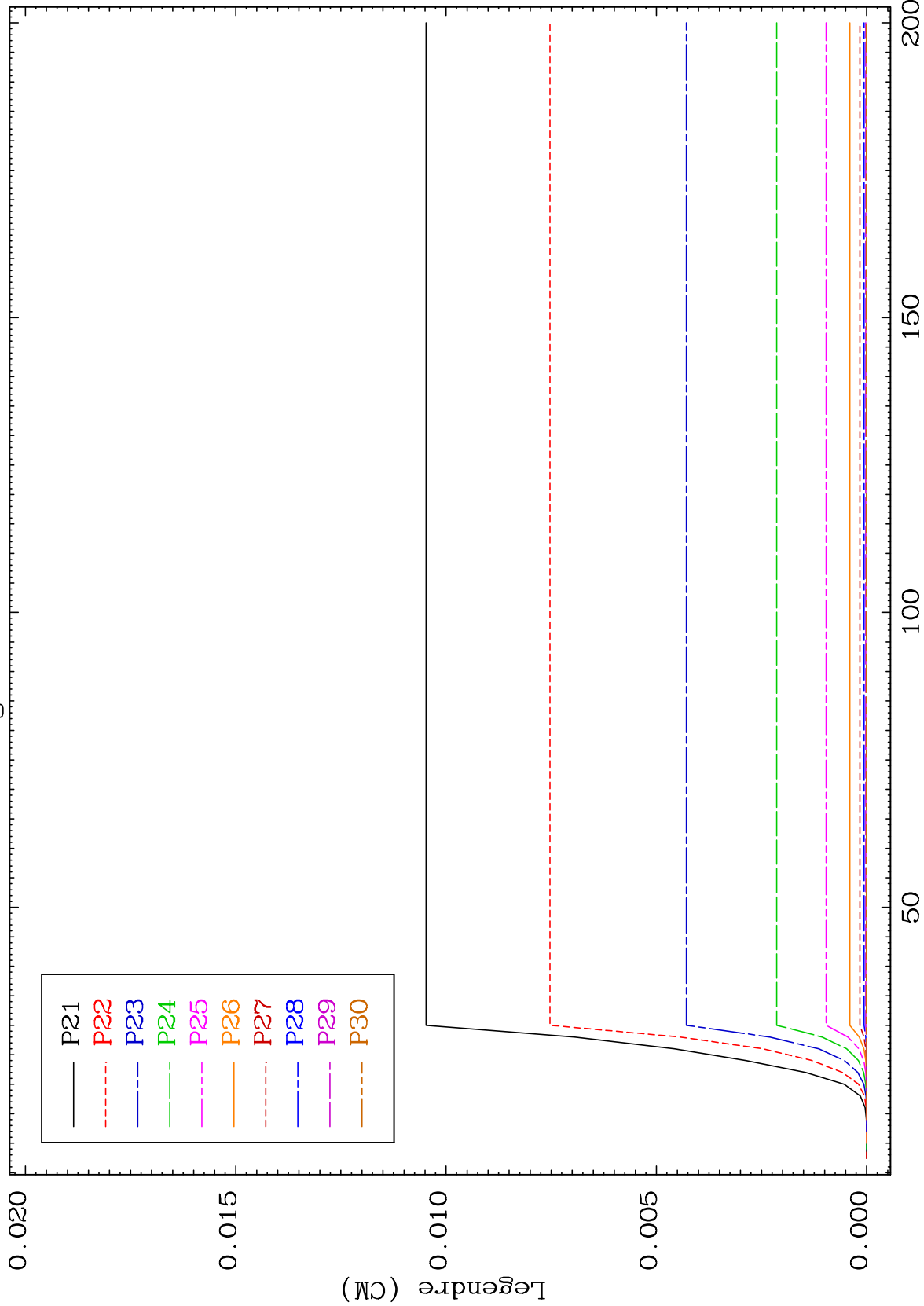
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



47

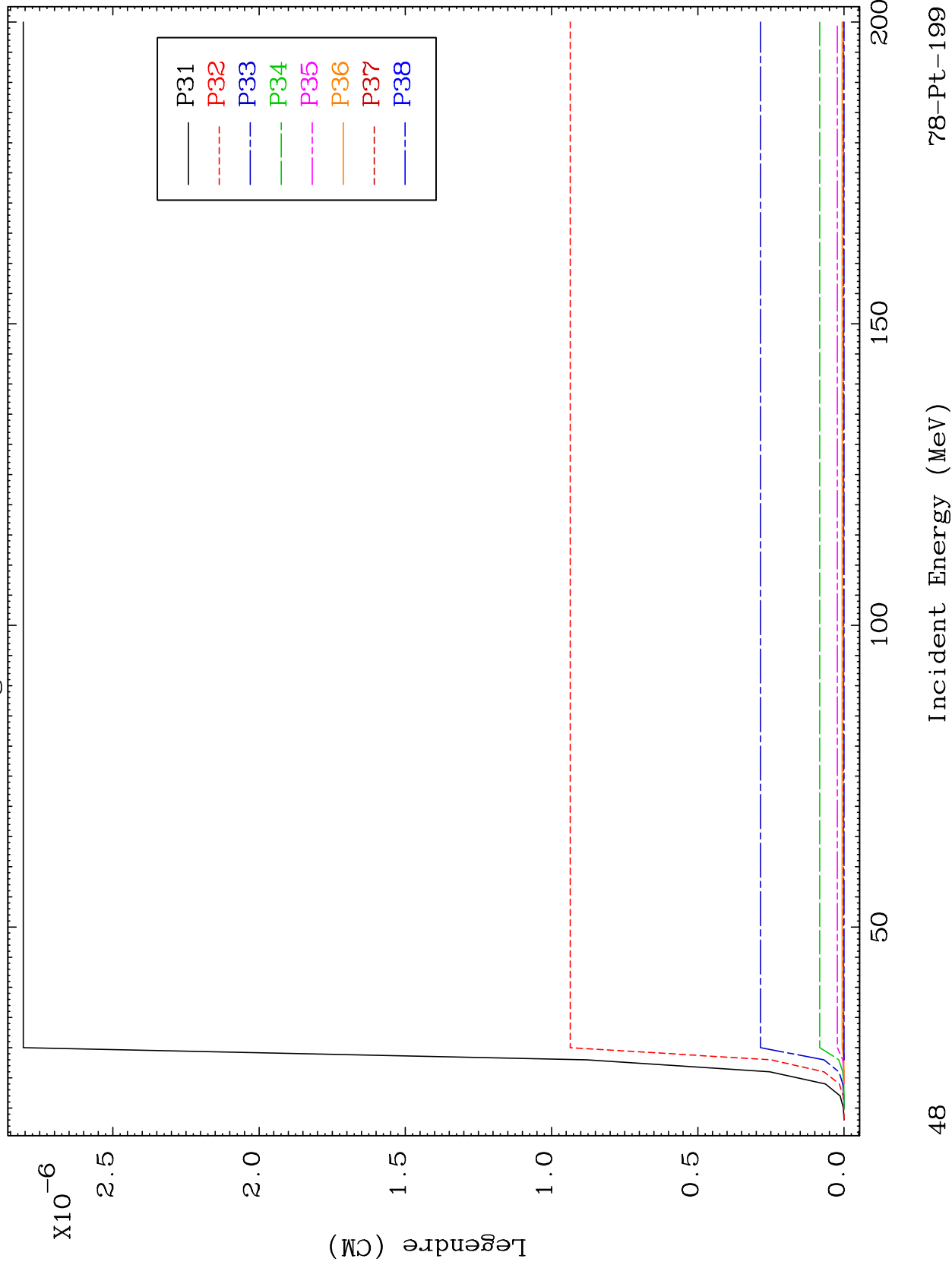
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



78-Pt-199

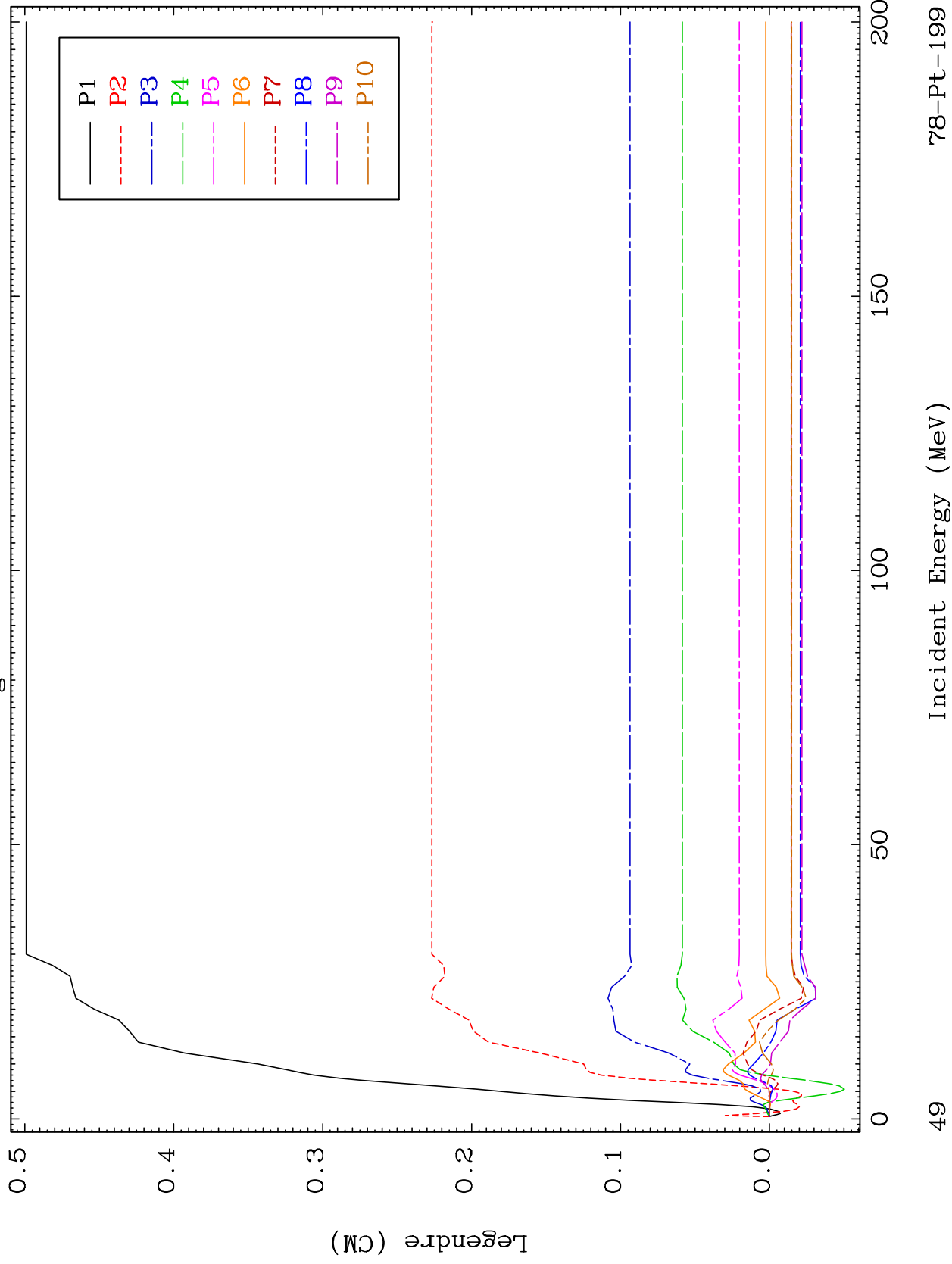
Incident Energy (MeV)

48

MAT 7852

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

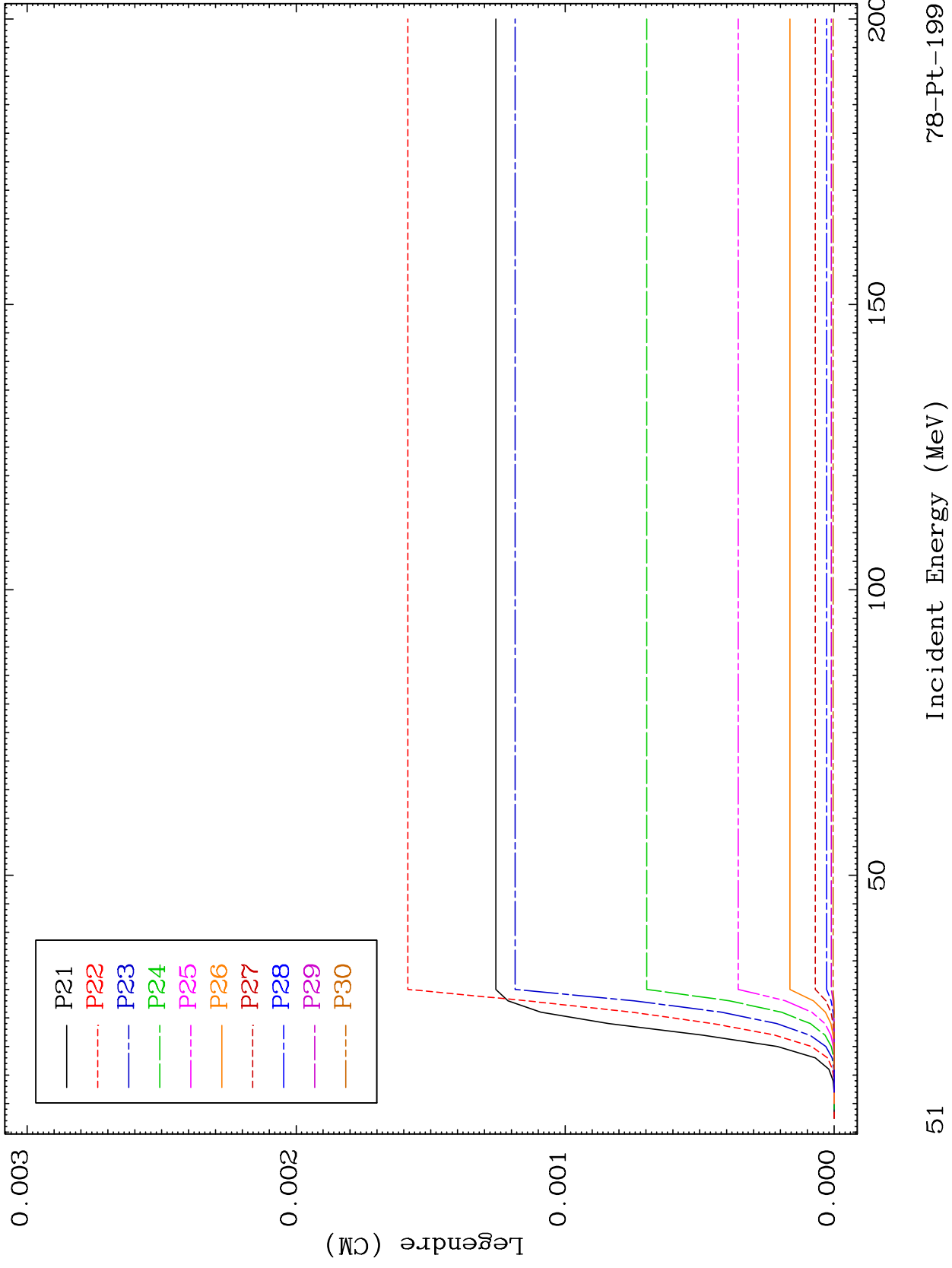
78-Pt-199



MAT 7852

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

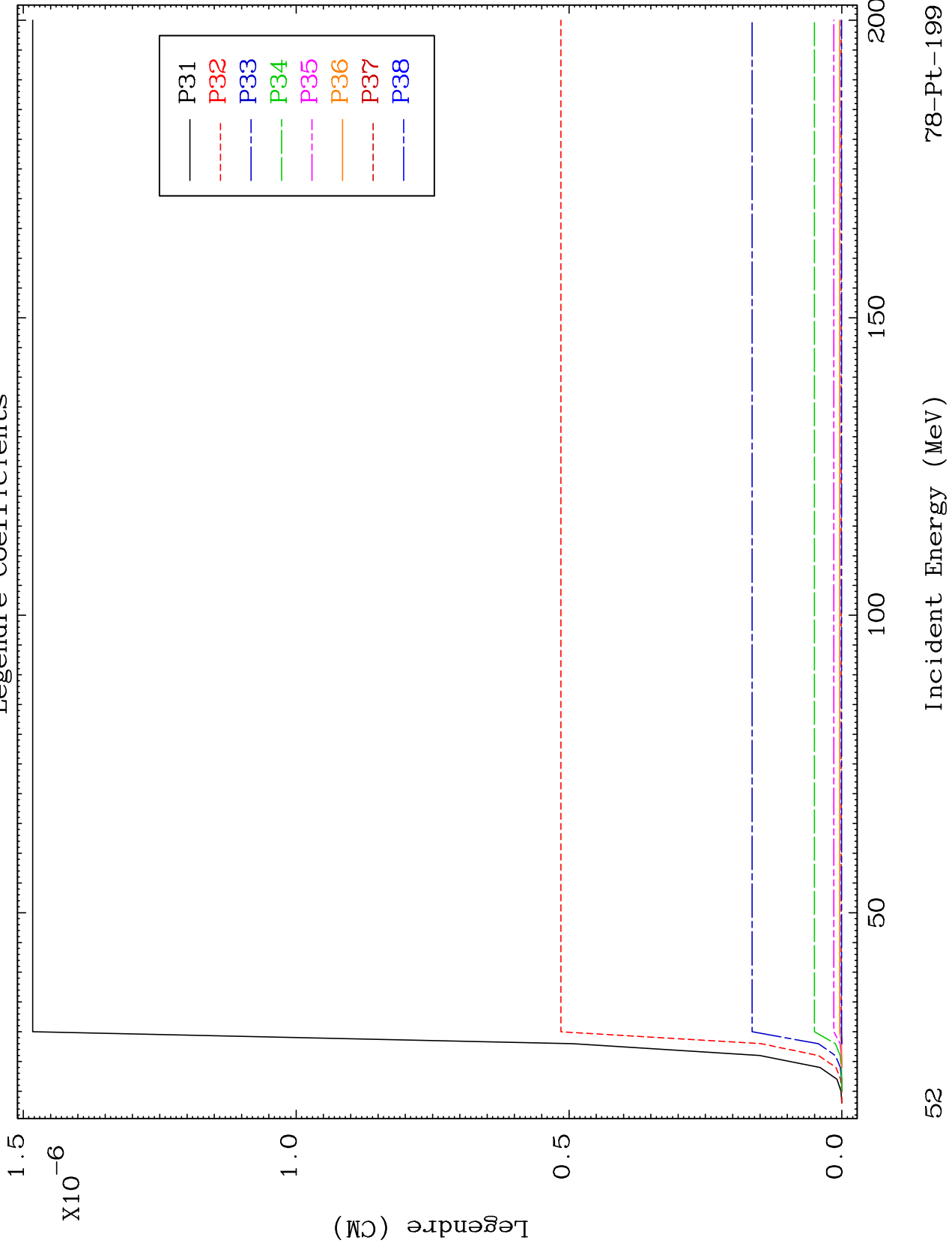
78-Pt-199



51

Incident Energy (MeV)

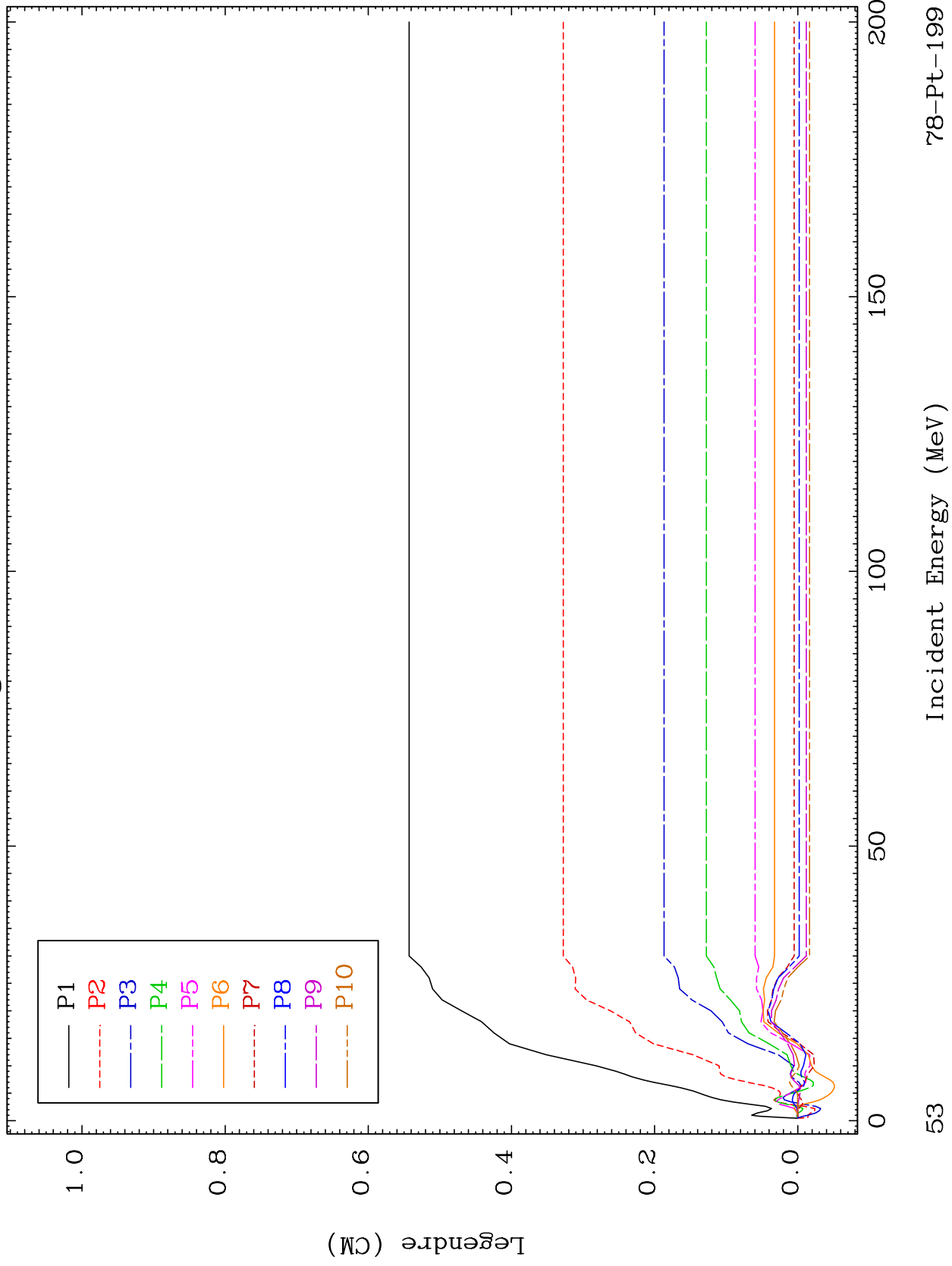
78-Pt-199



MAT 7852

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

78-Pt-199

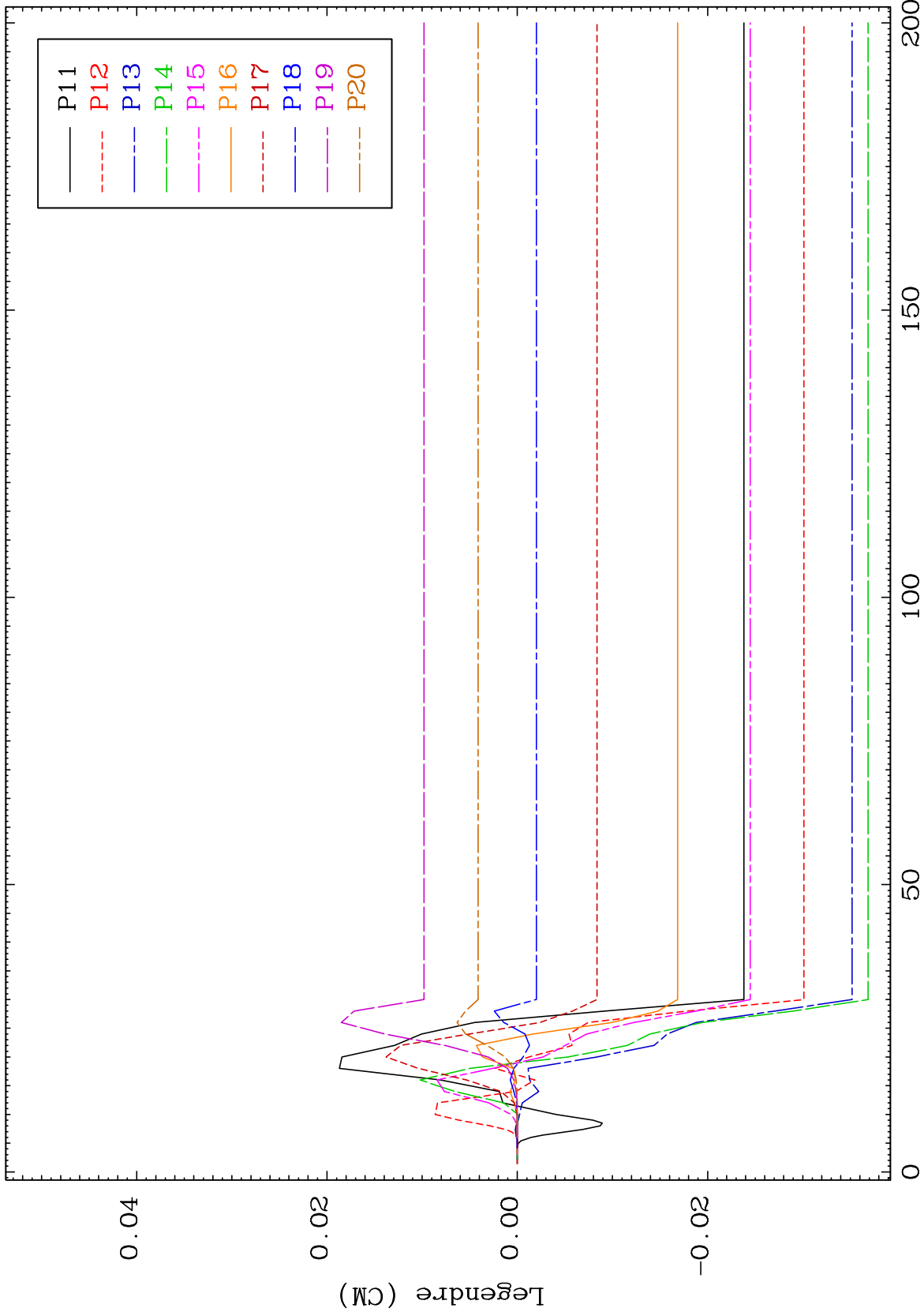


53

MAT 7852

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

78-Pt-199



54

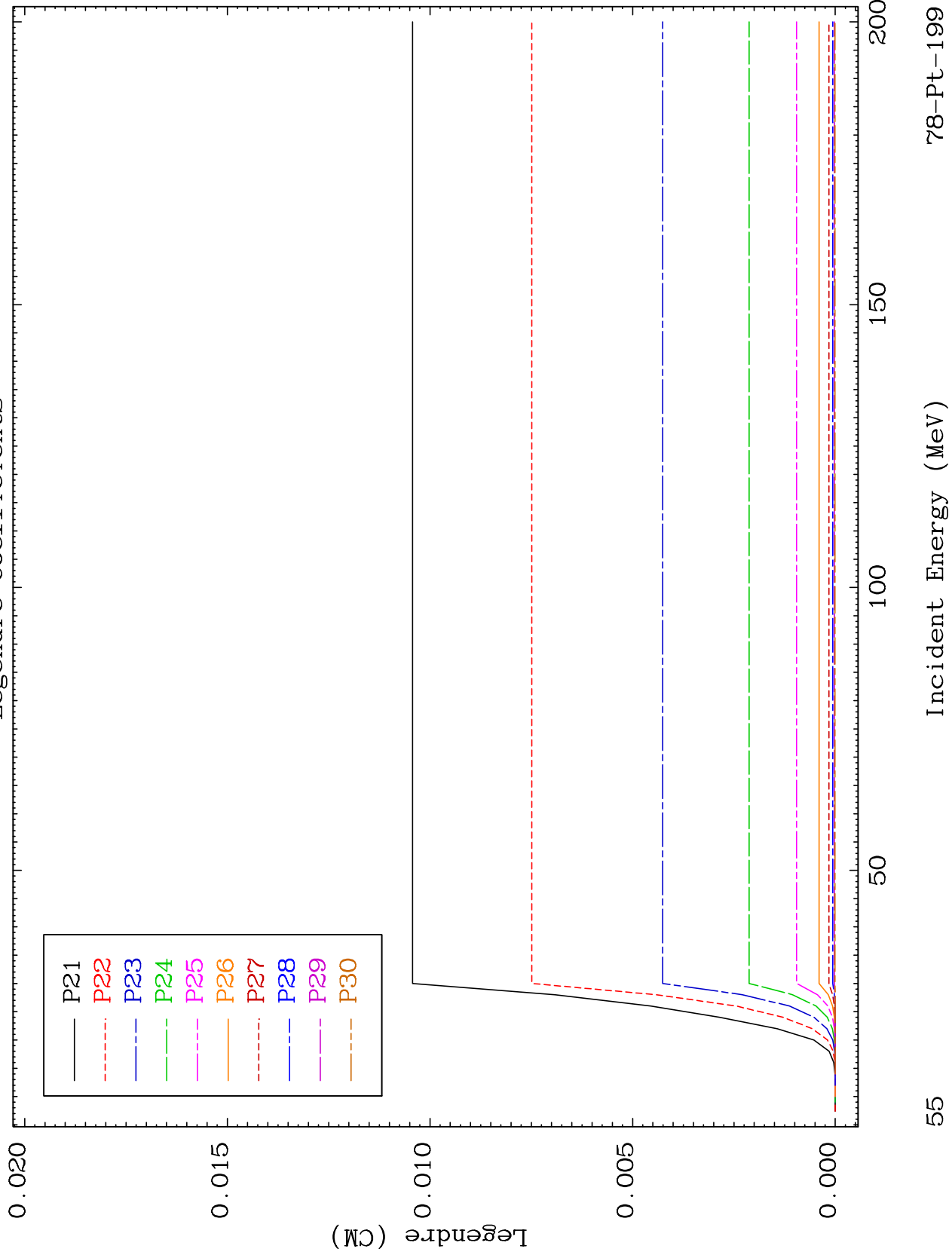
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



55

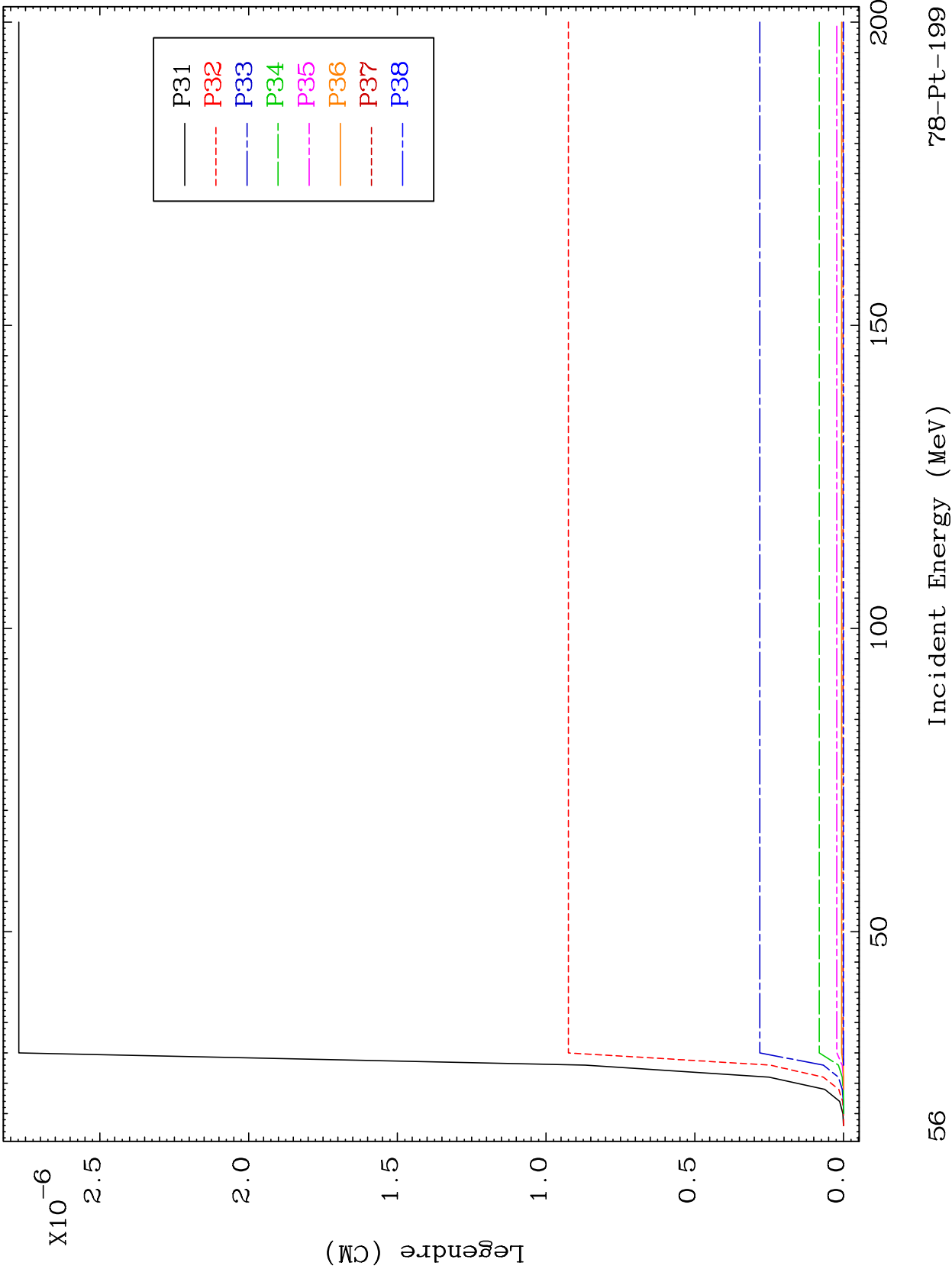
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

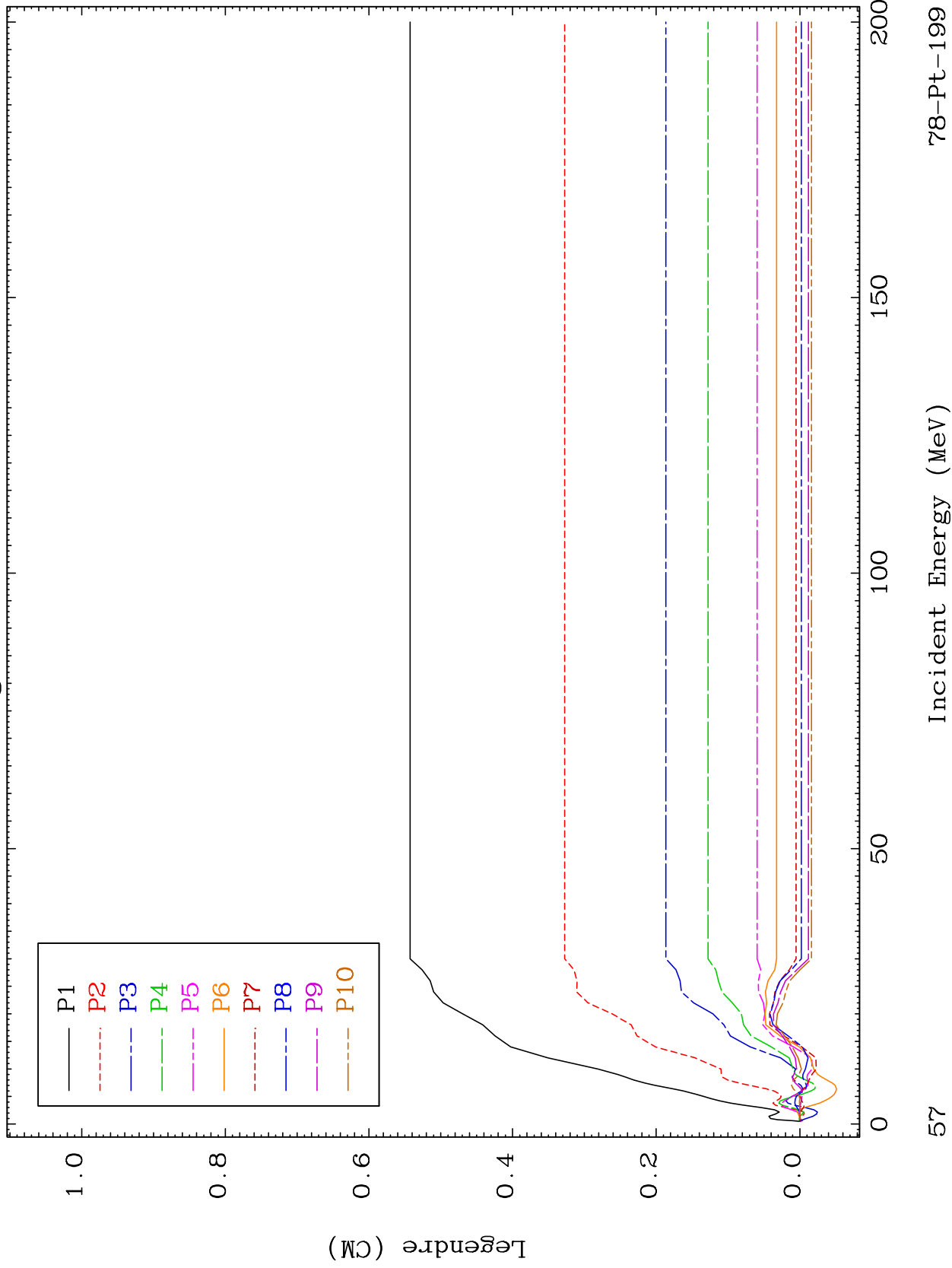
78-Pt-199



56

Incident Energy (MeV)

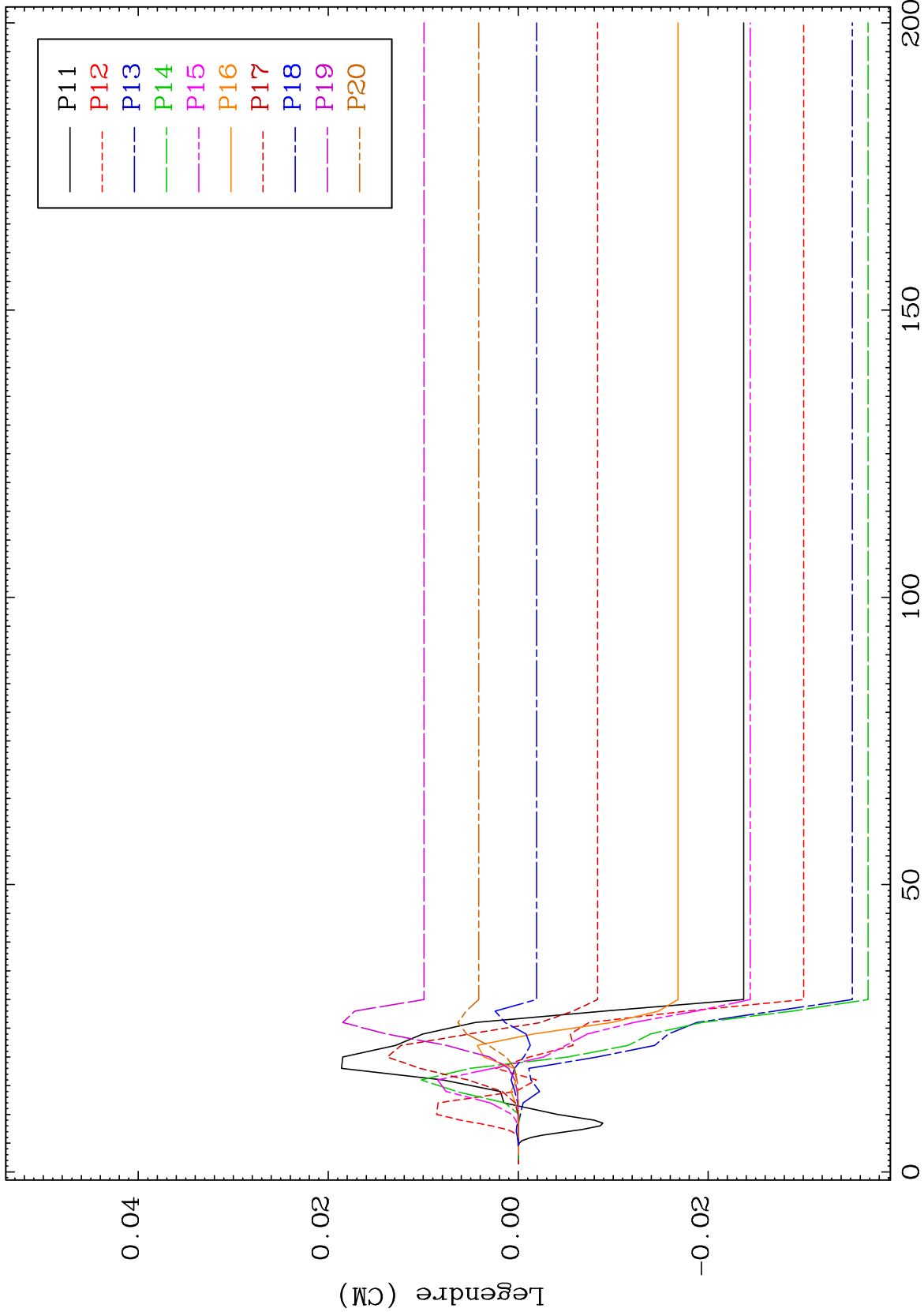
78-Pt-199



MAT 7852

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

78-Pt-199



58

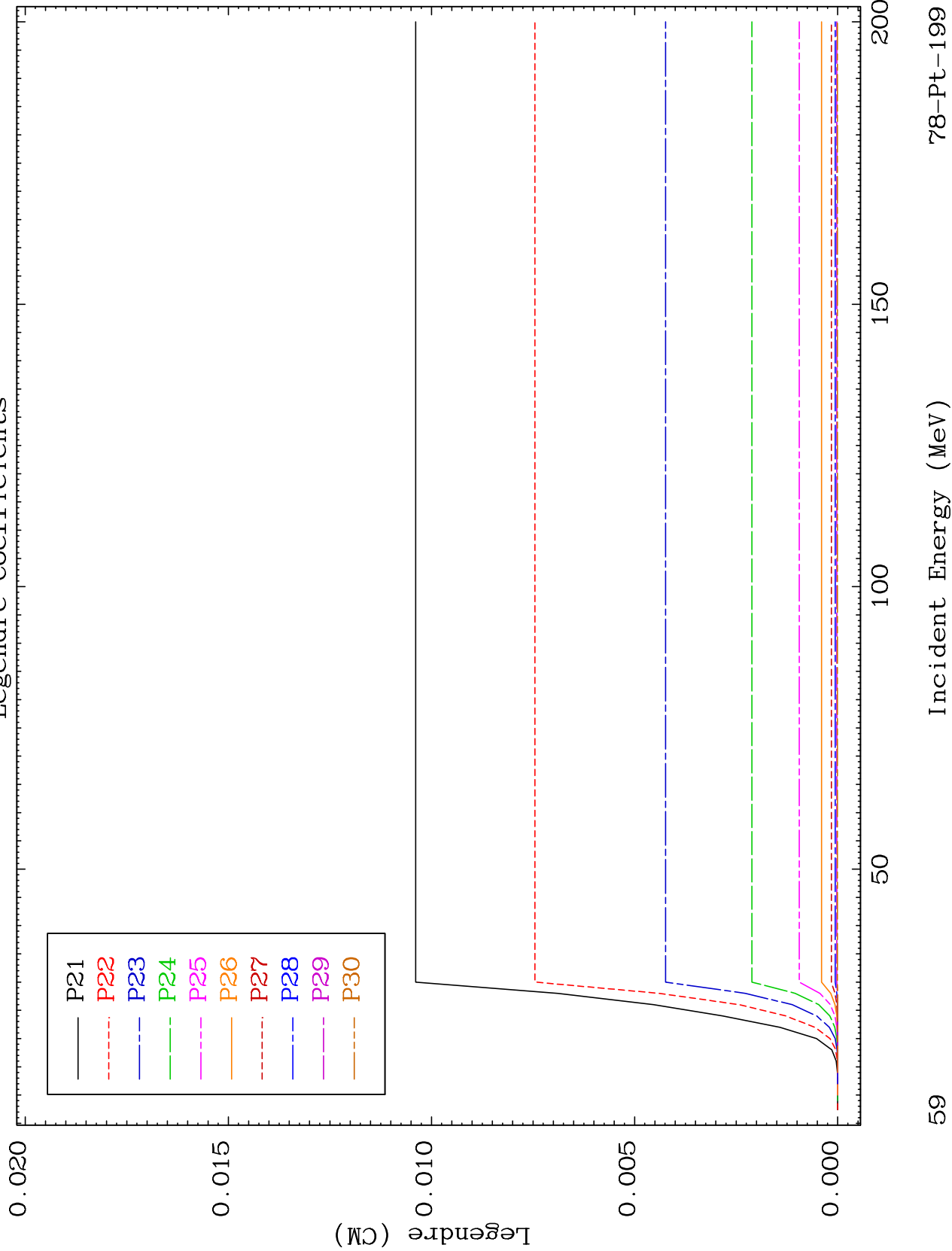
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

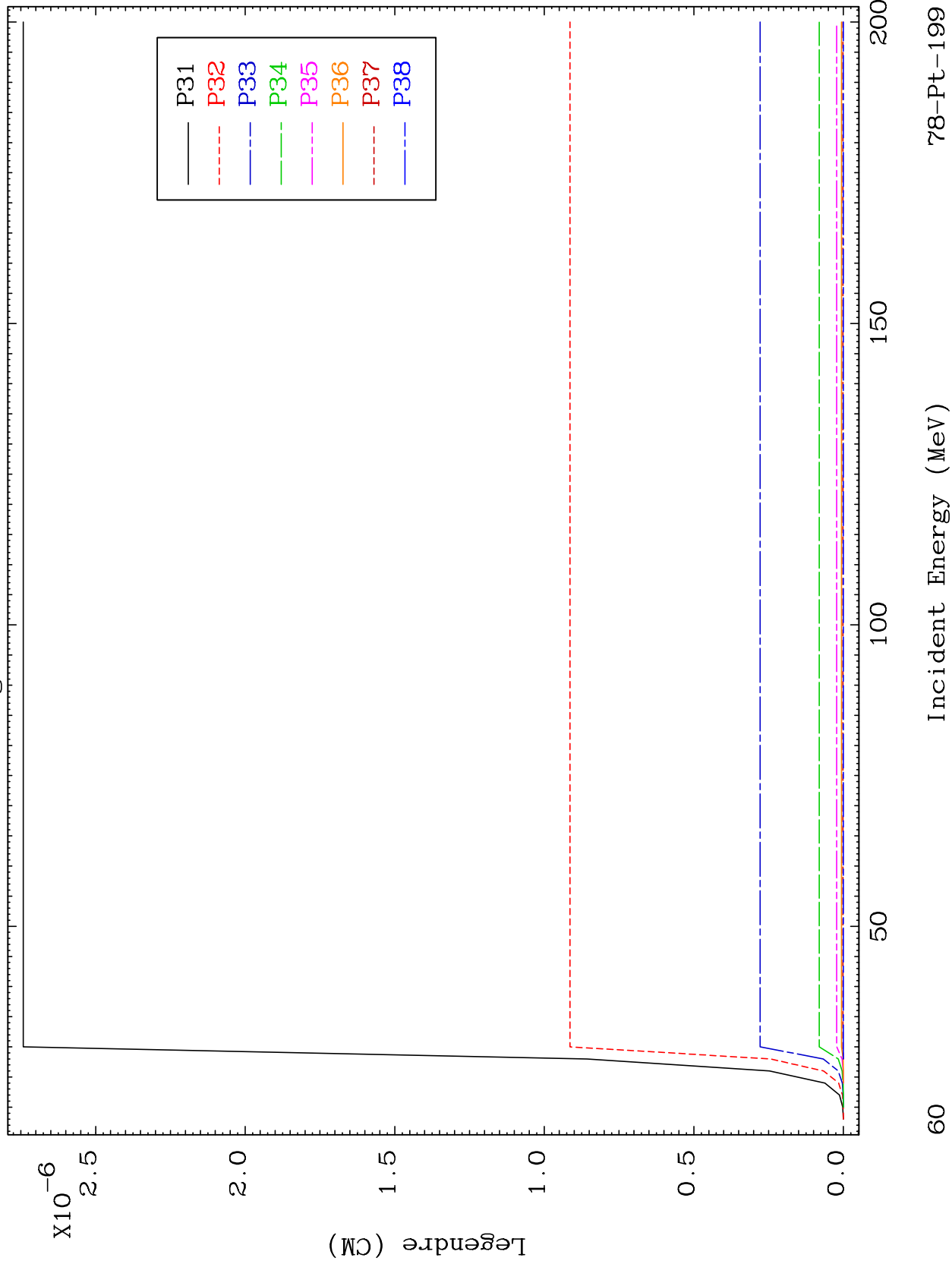
78-Pt-199



MAT 7852

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

78-Pt-199

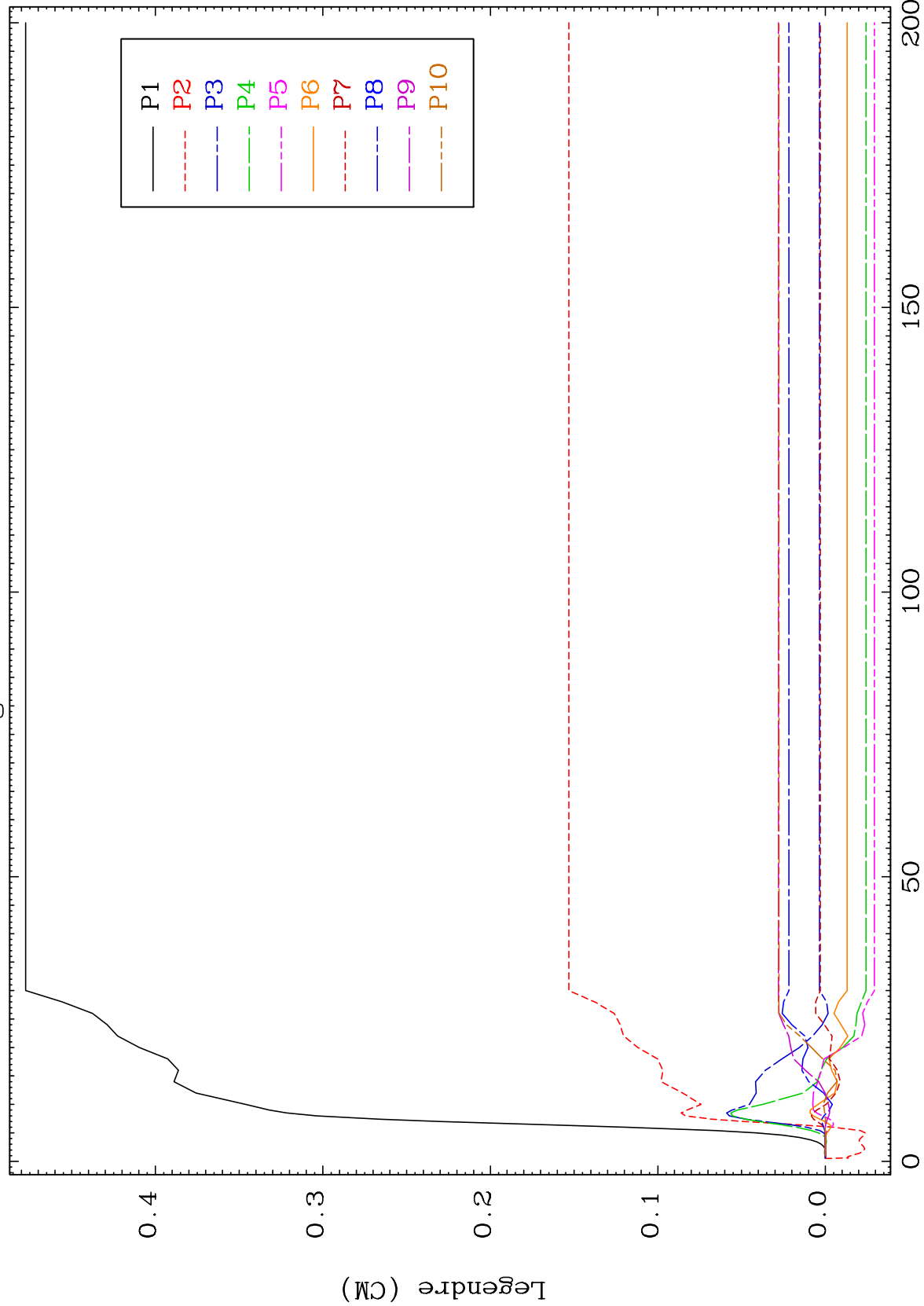


78-Pt-199

MAT 7852

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

78-Pt-199



61

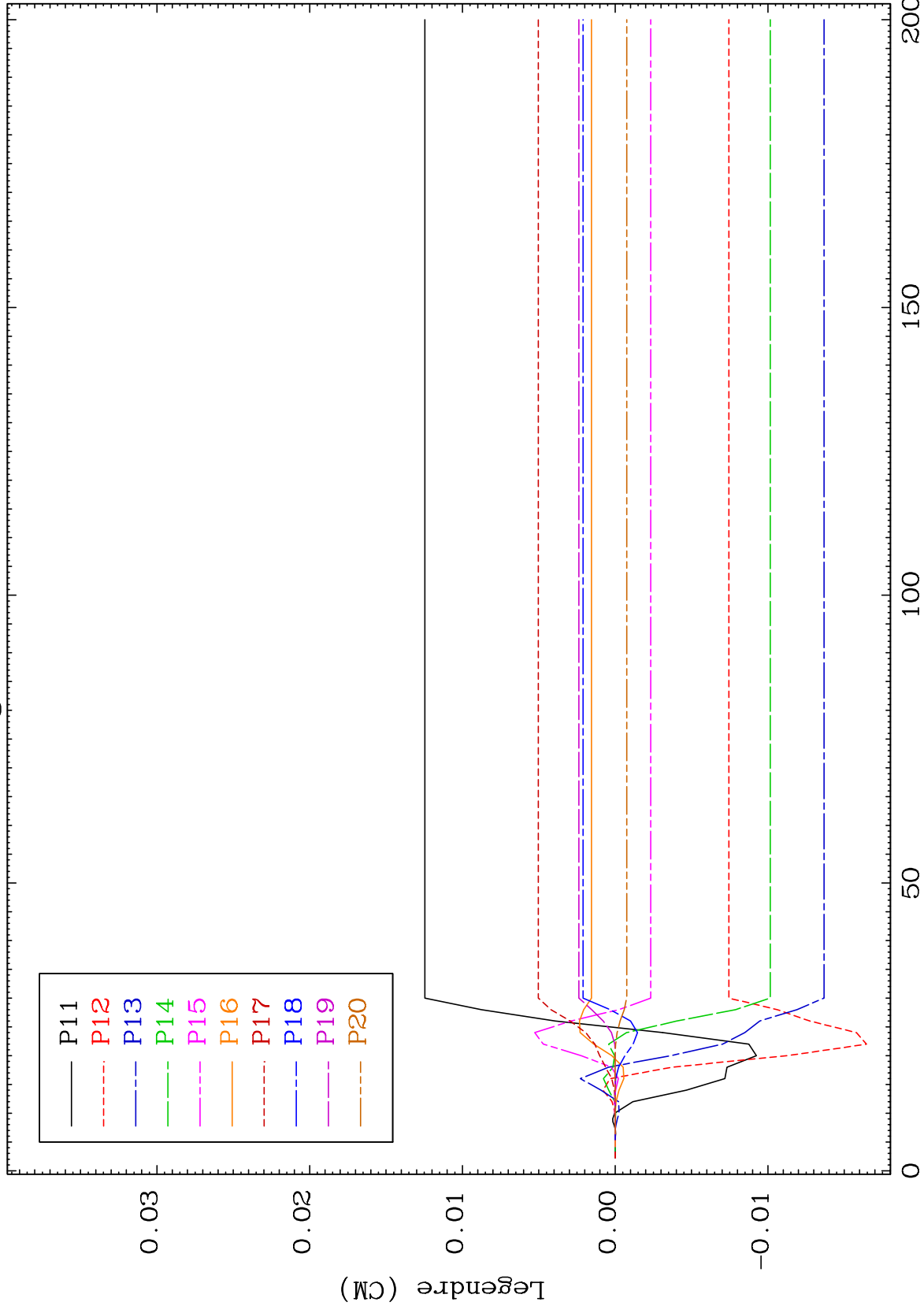
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

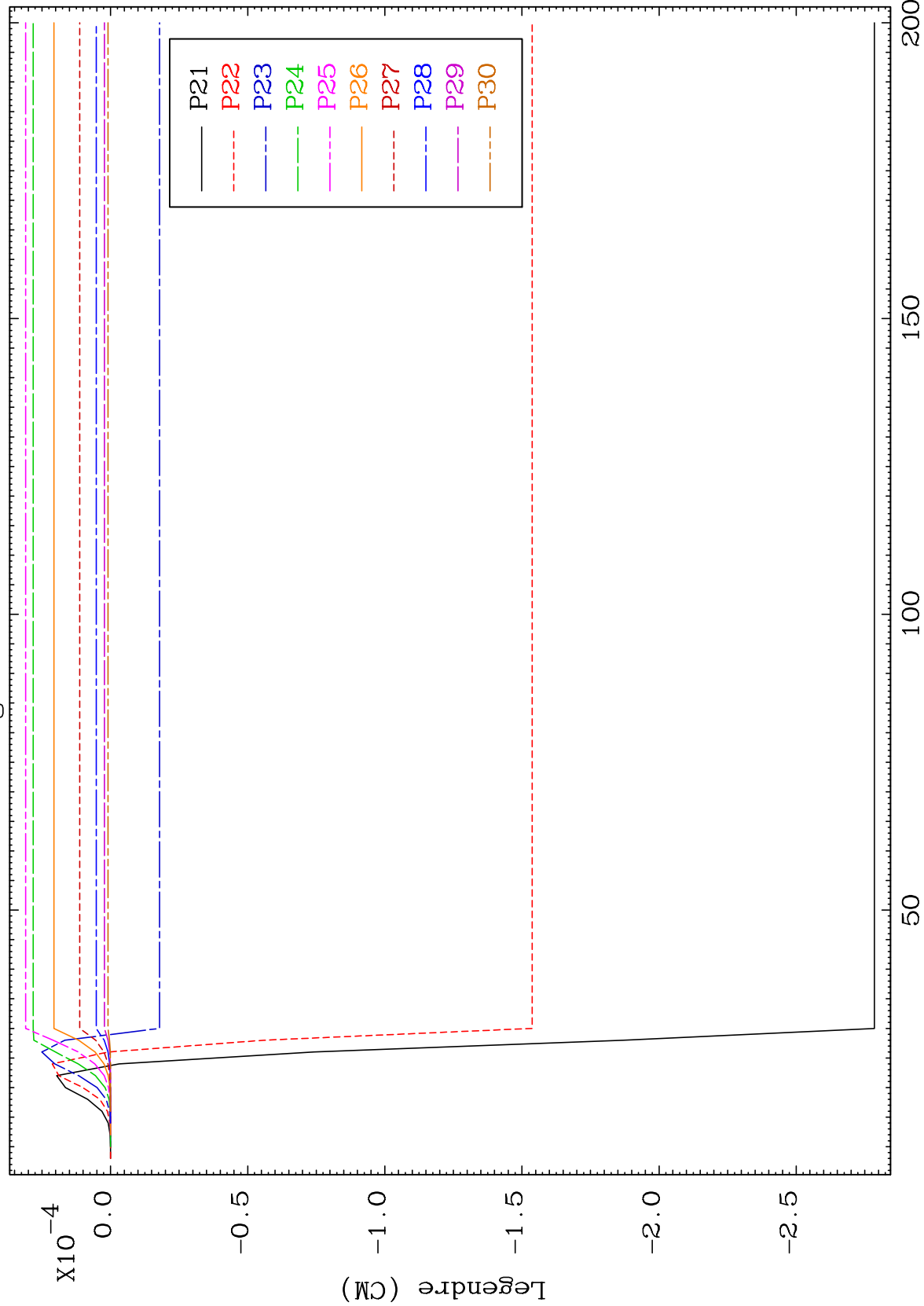
78-Pt-199



62

Incident Energy (MeV)

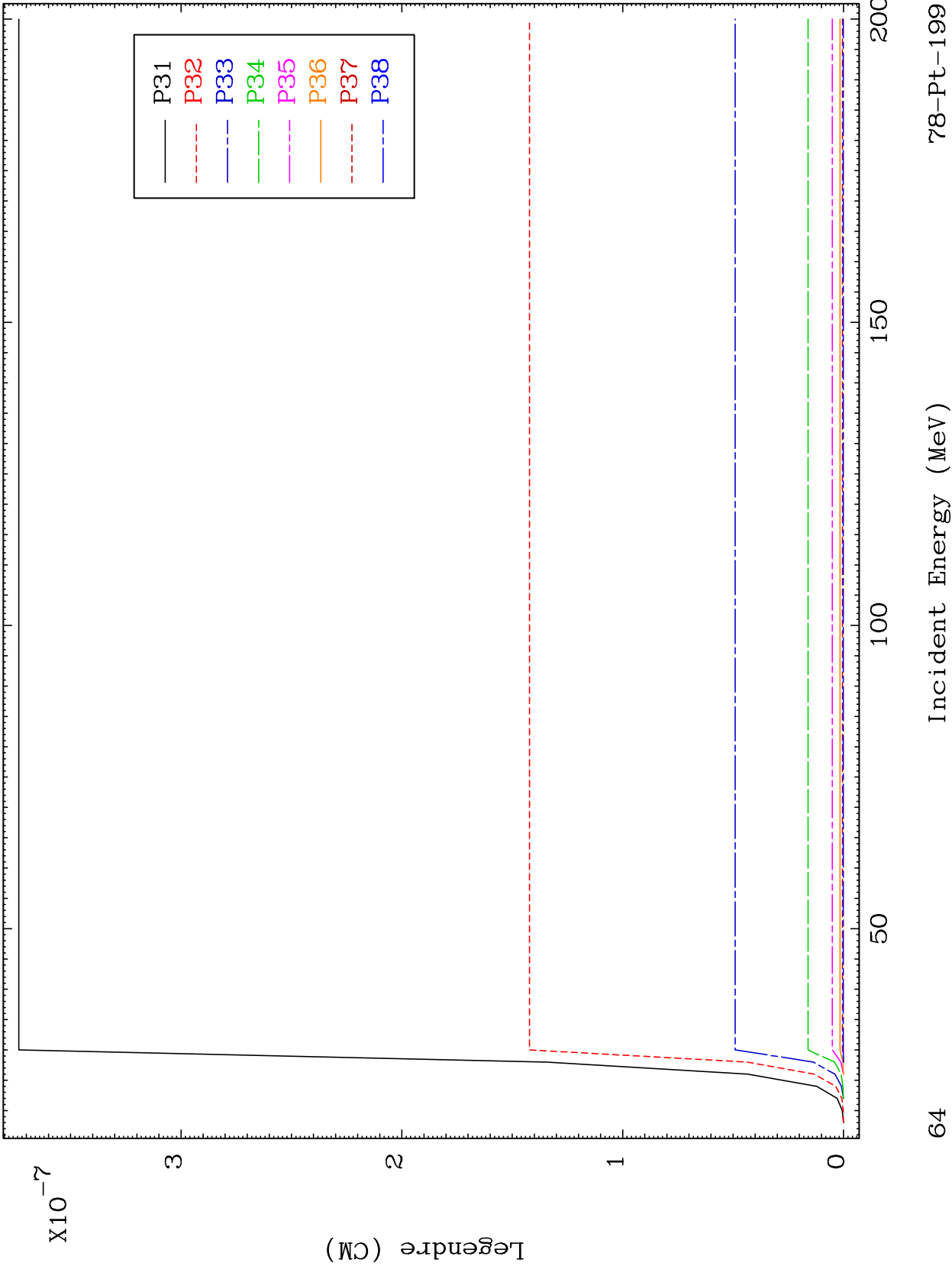
78-Pt-199



MAT 7852

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

78-Pt-199



64

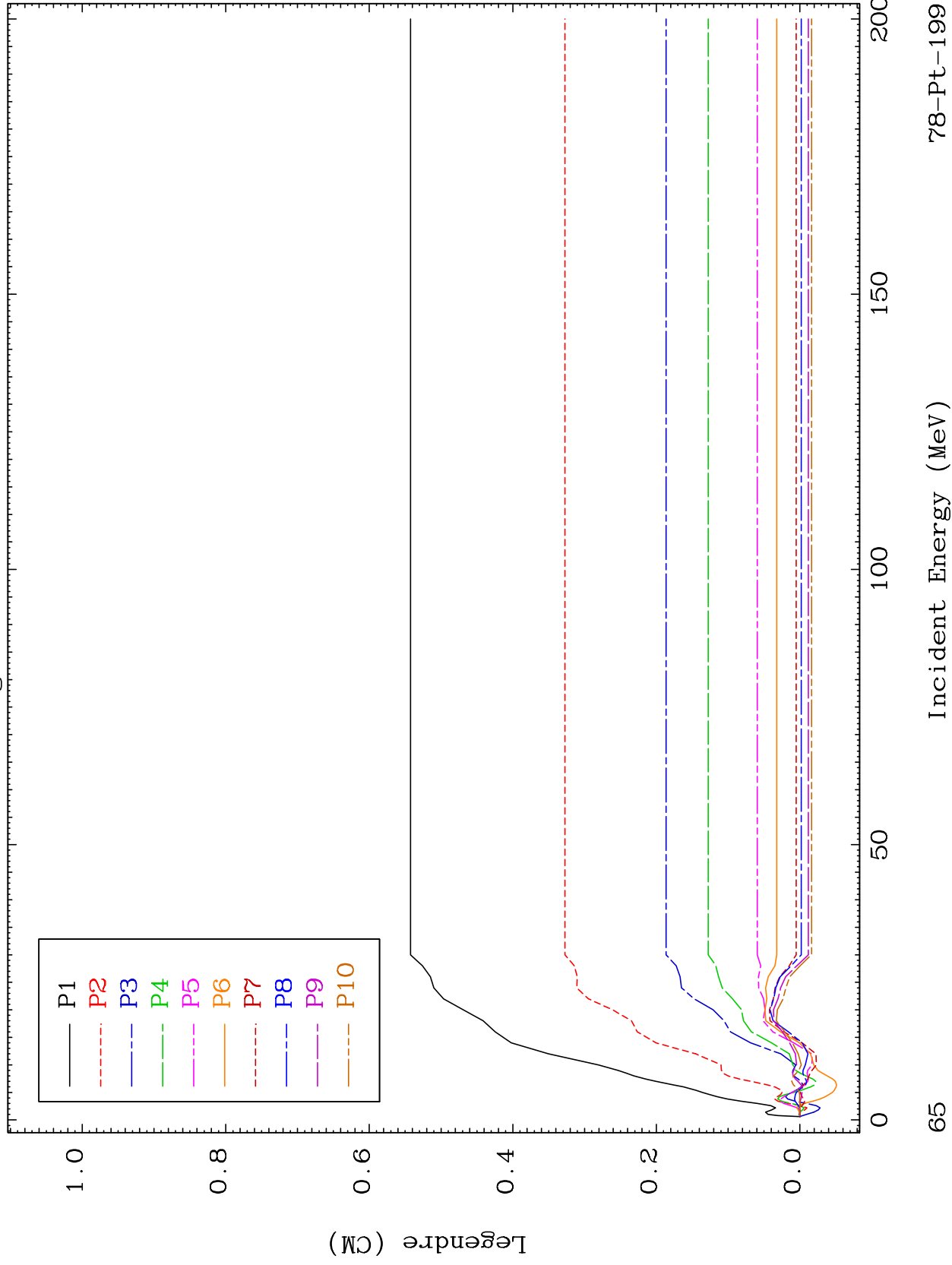
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199

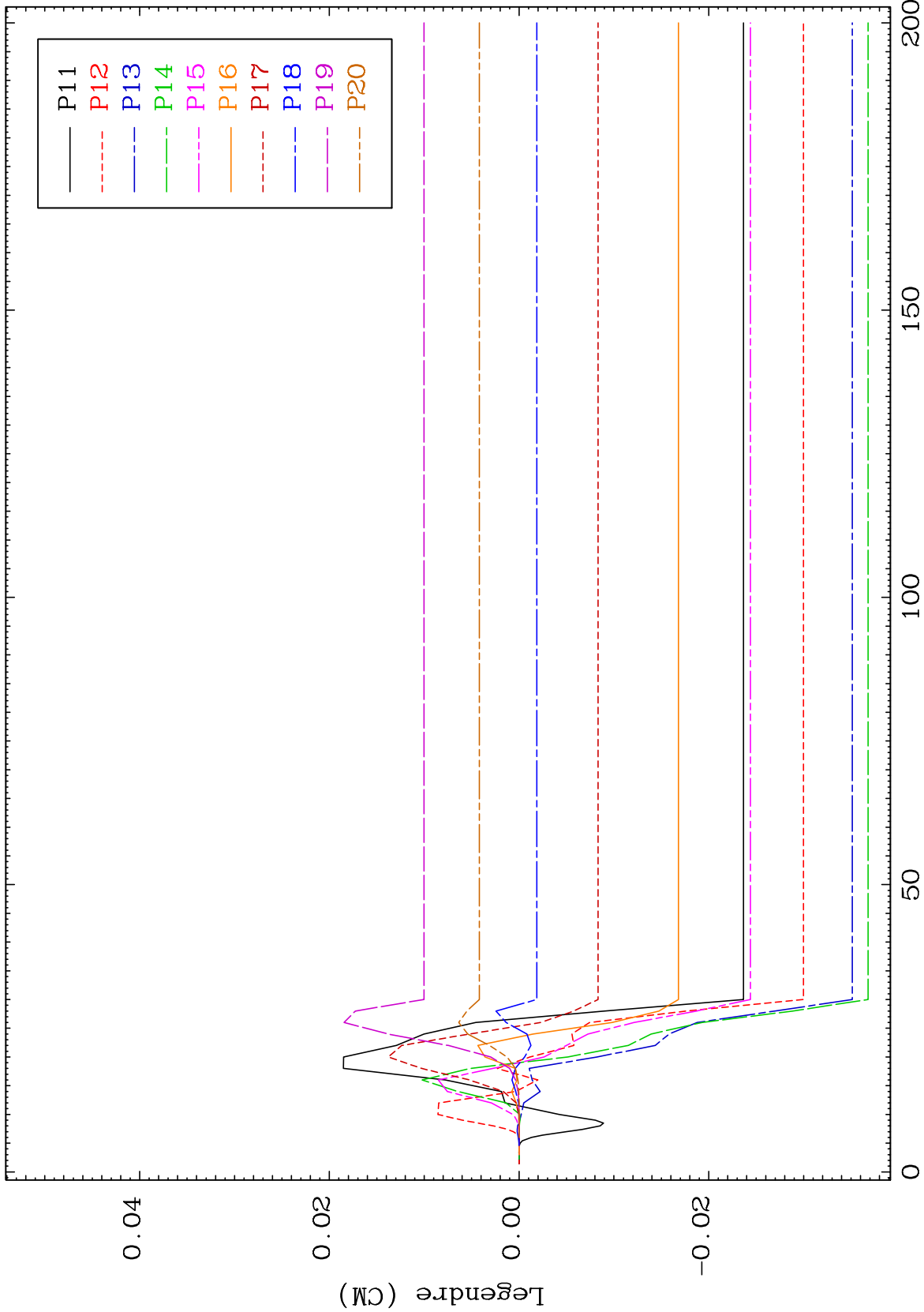


65

MAT 7852

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

78-Pt-199



66

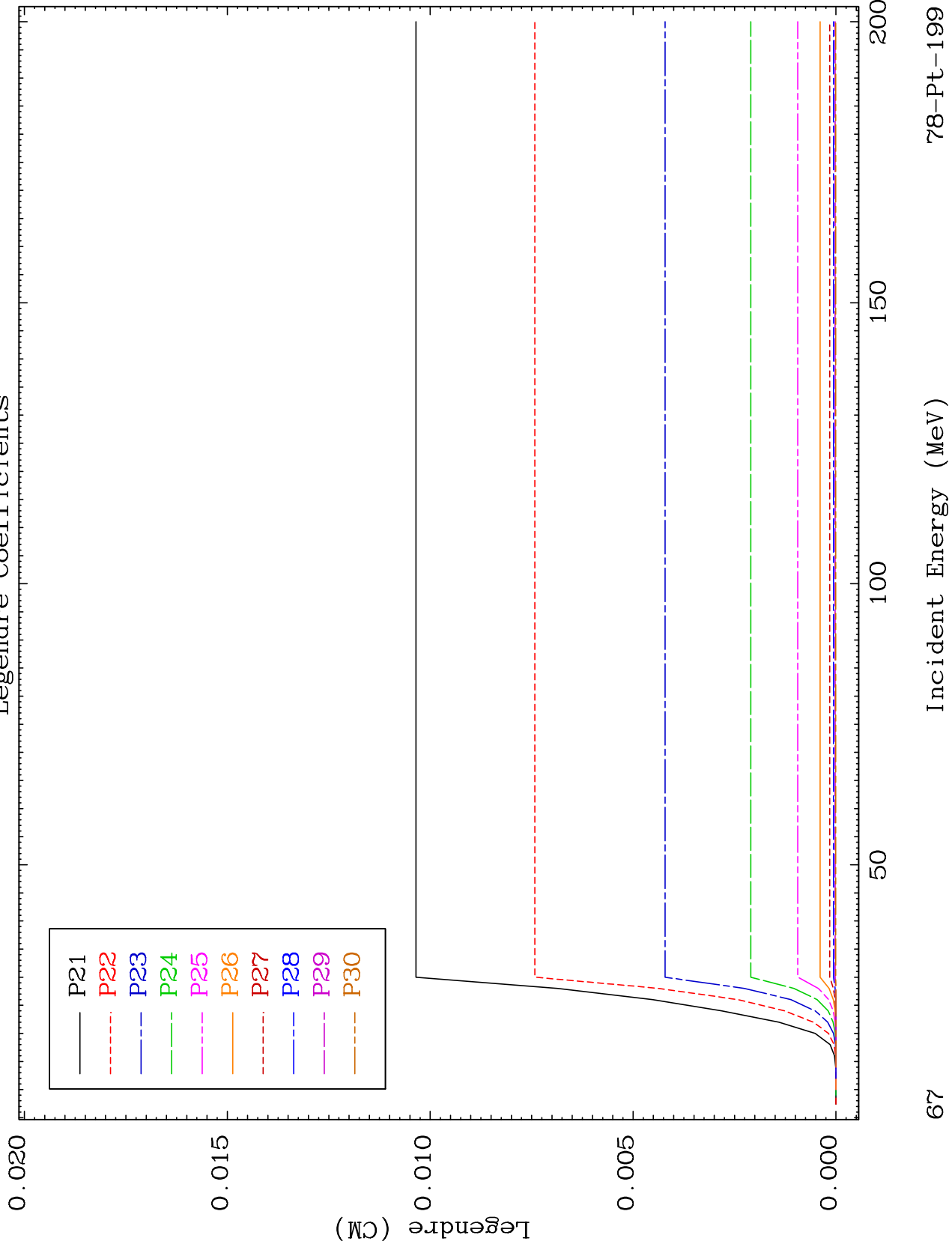
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



67

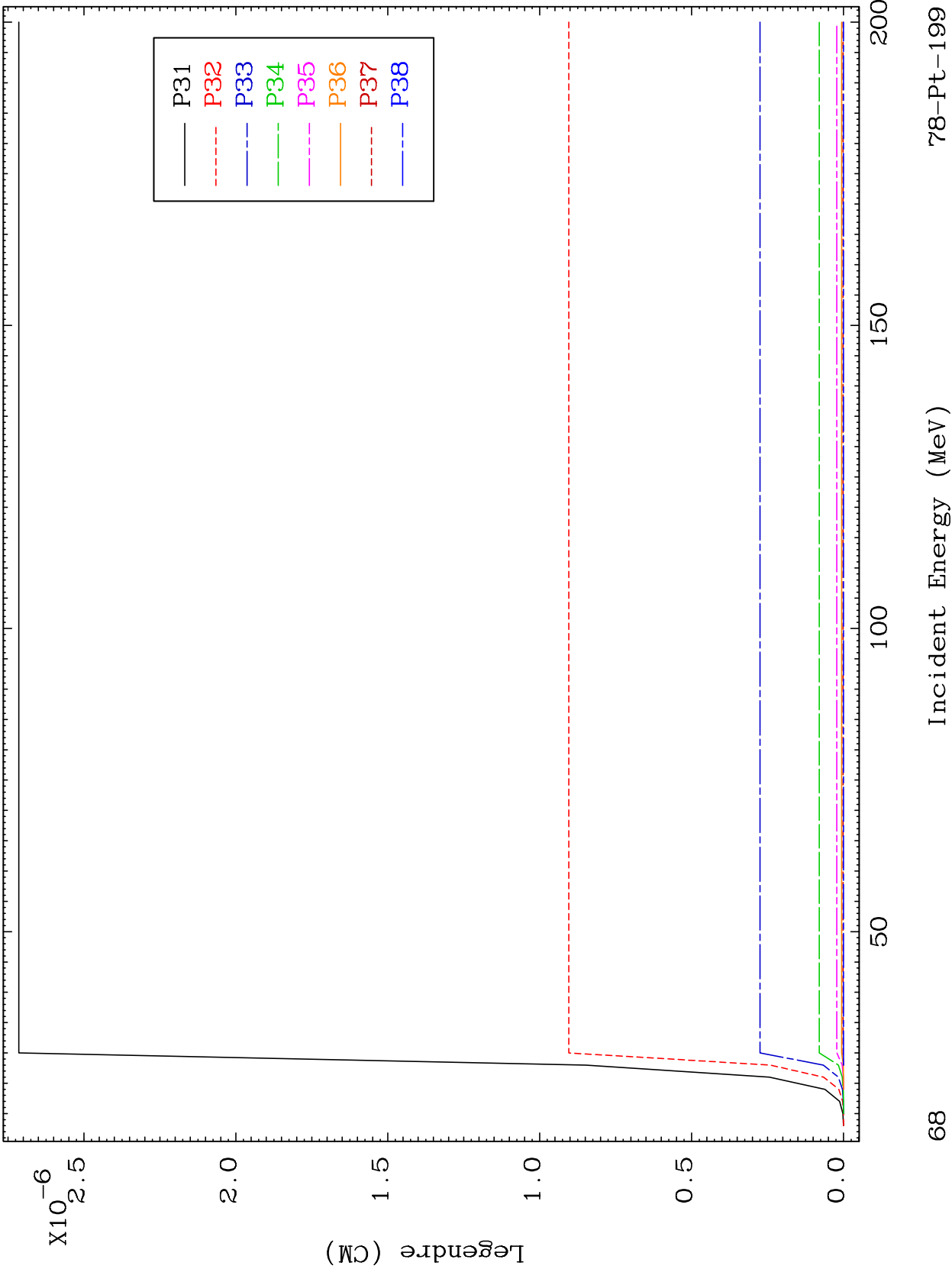
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



68

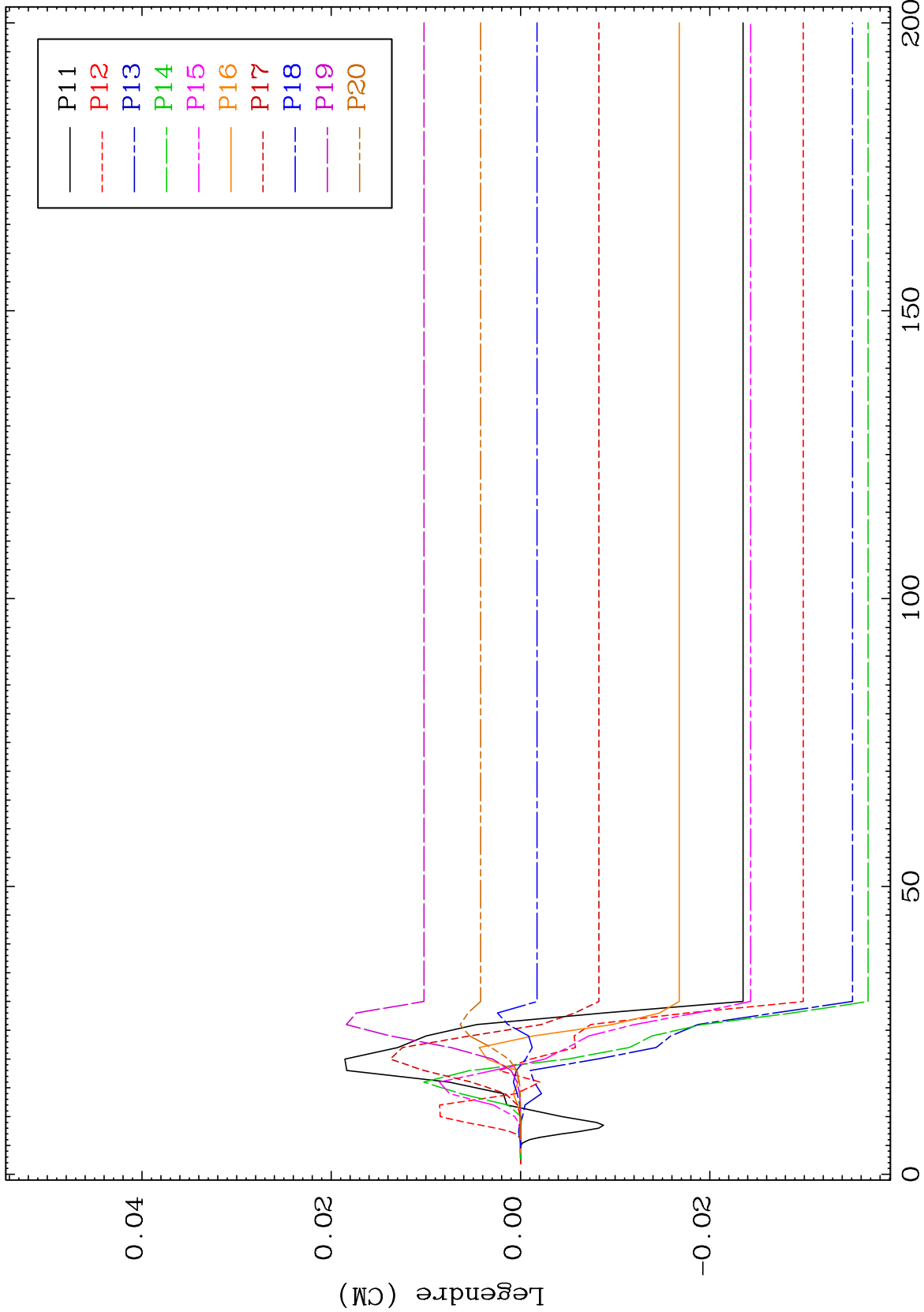
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



70

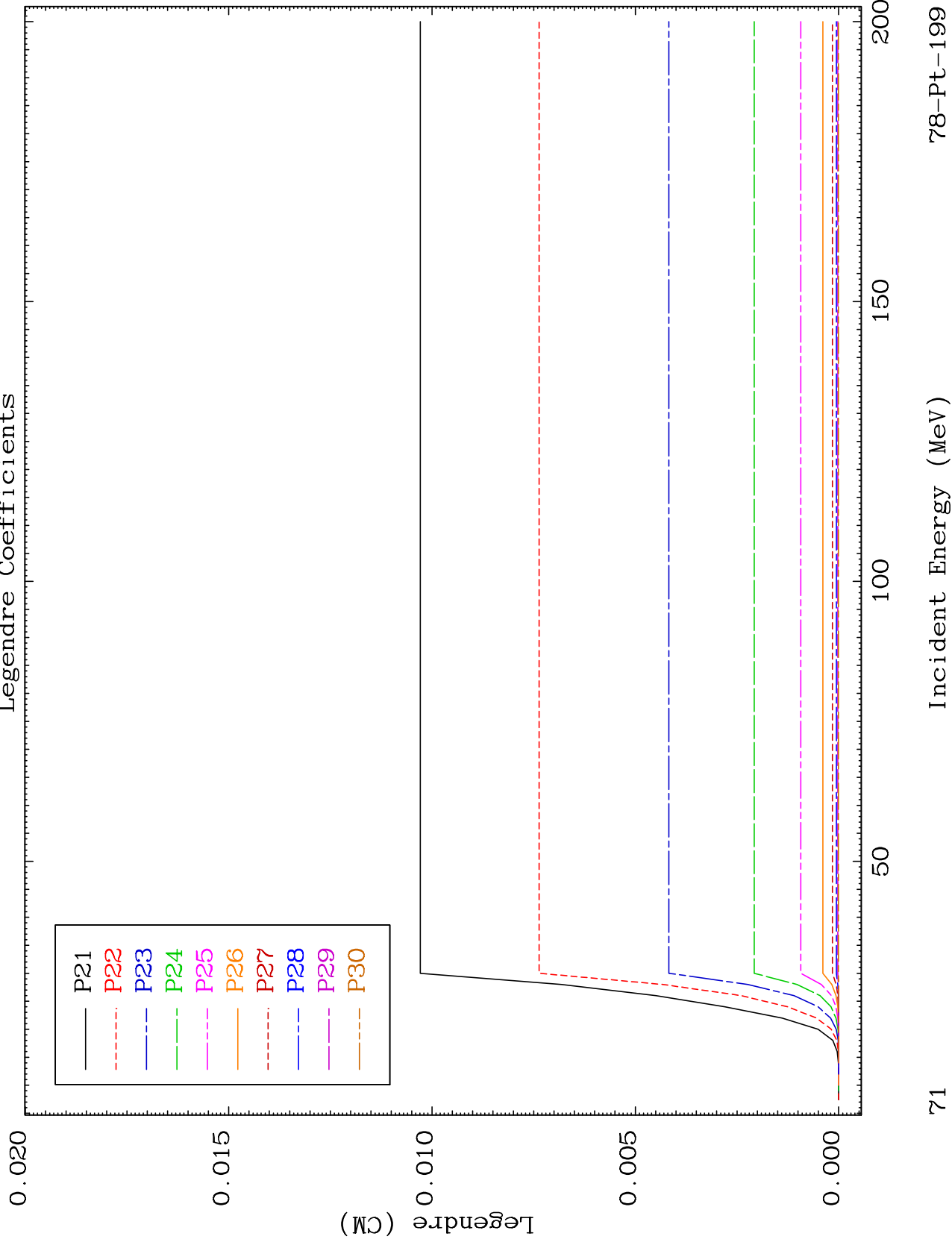
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



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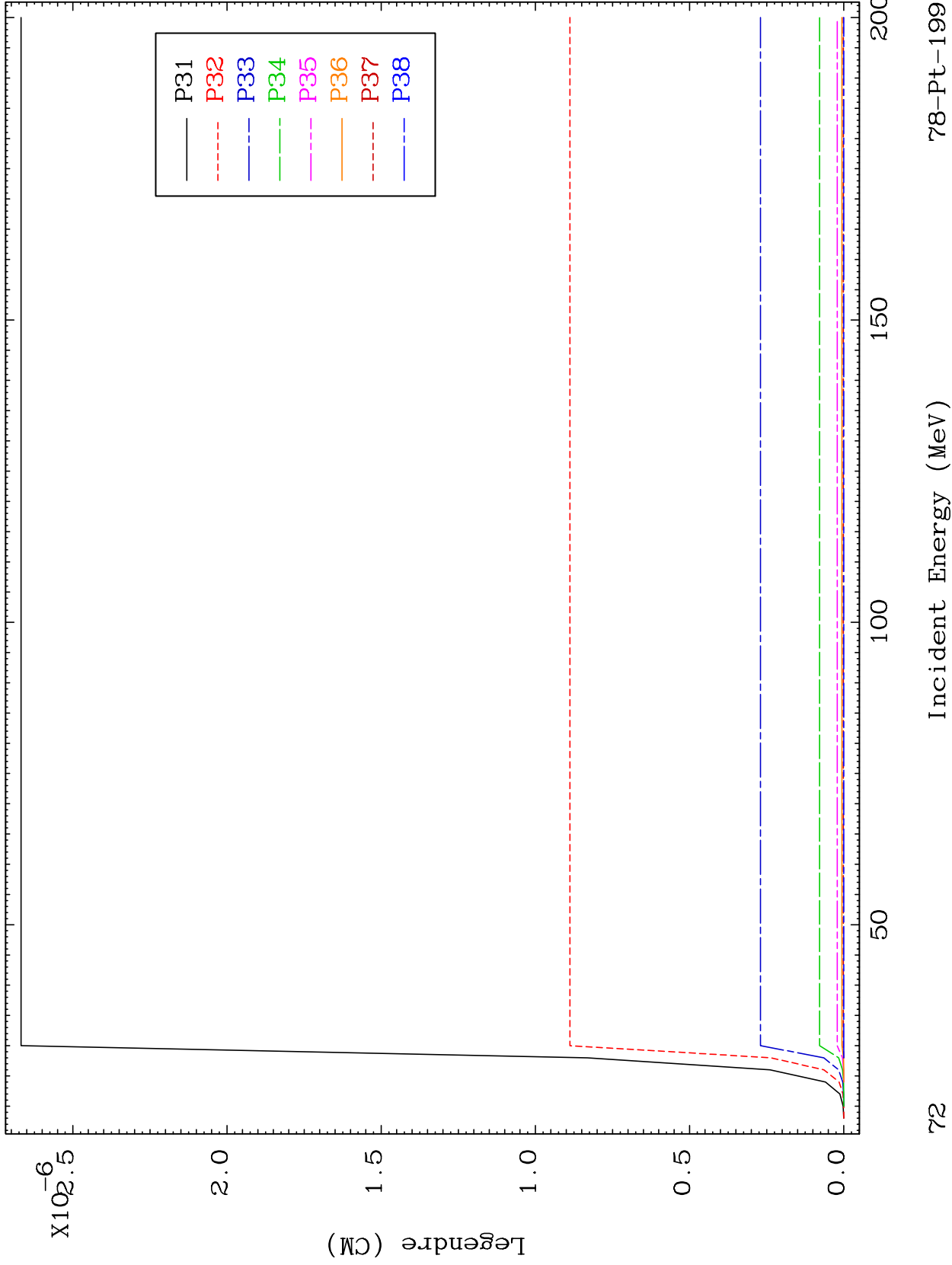
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



72

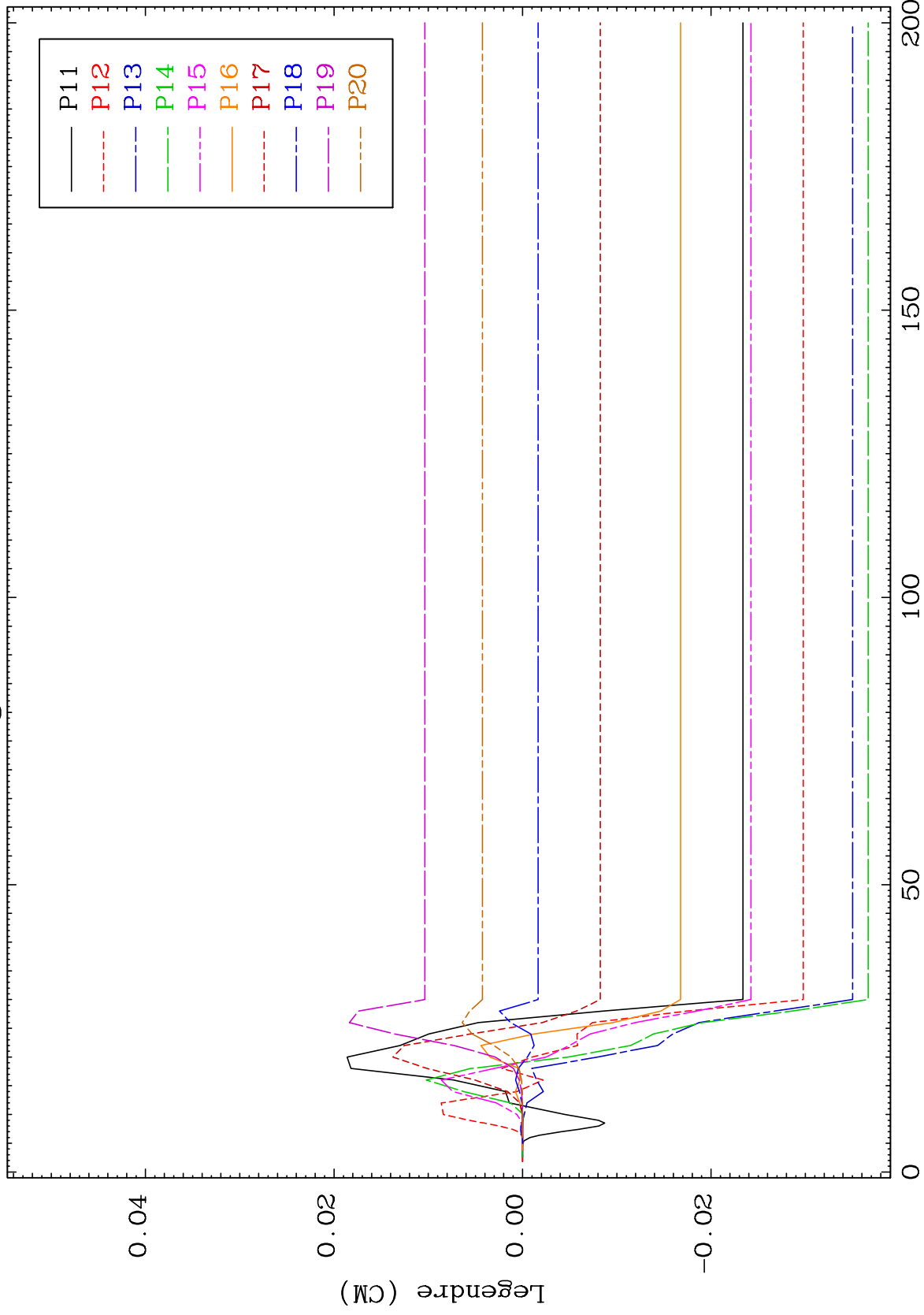
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



74

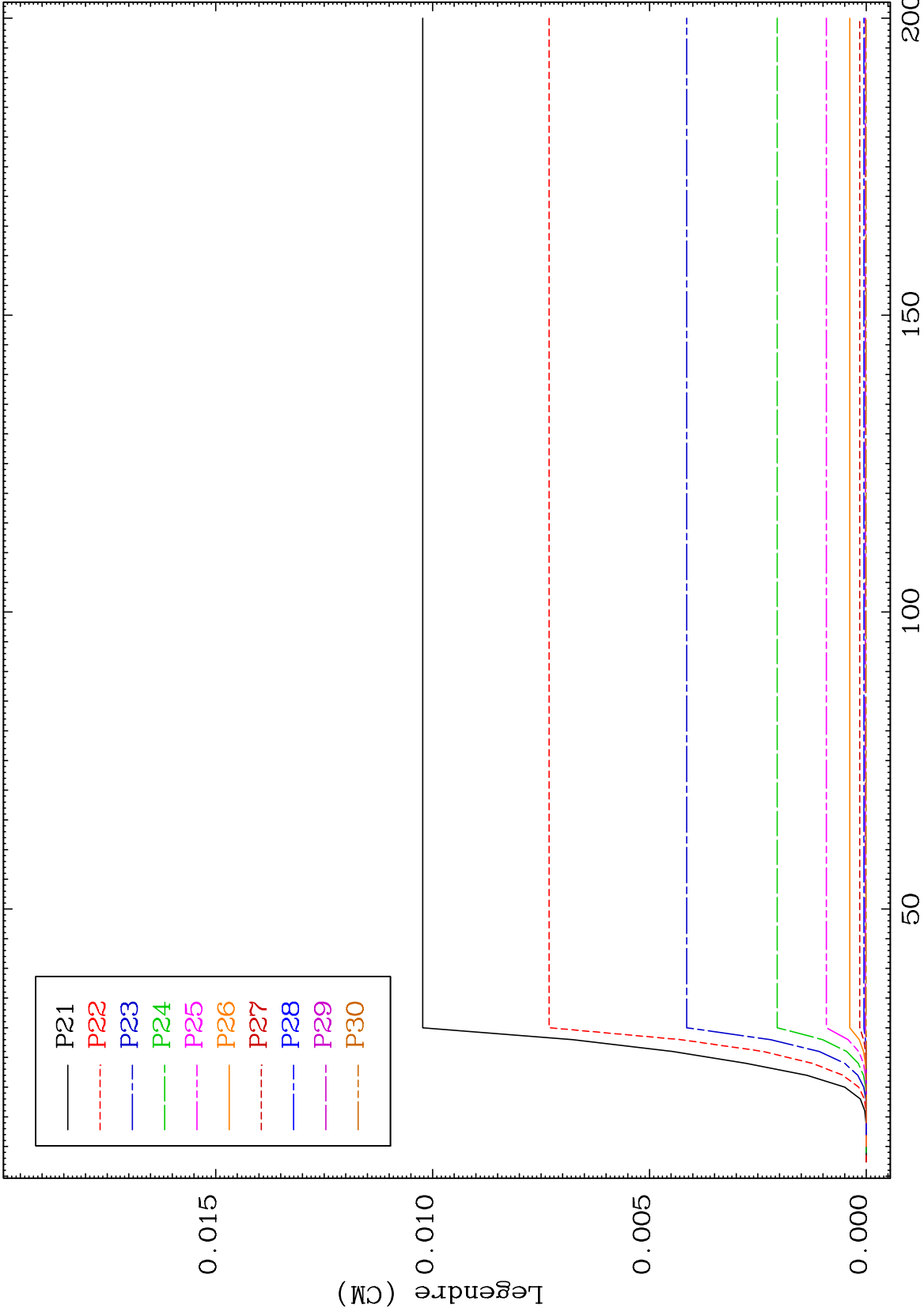
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



75

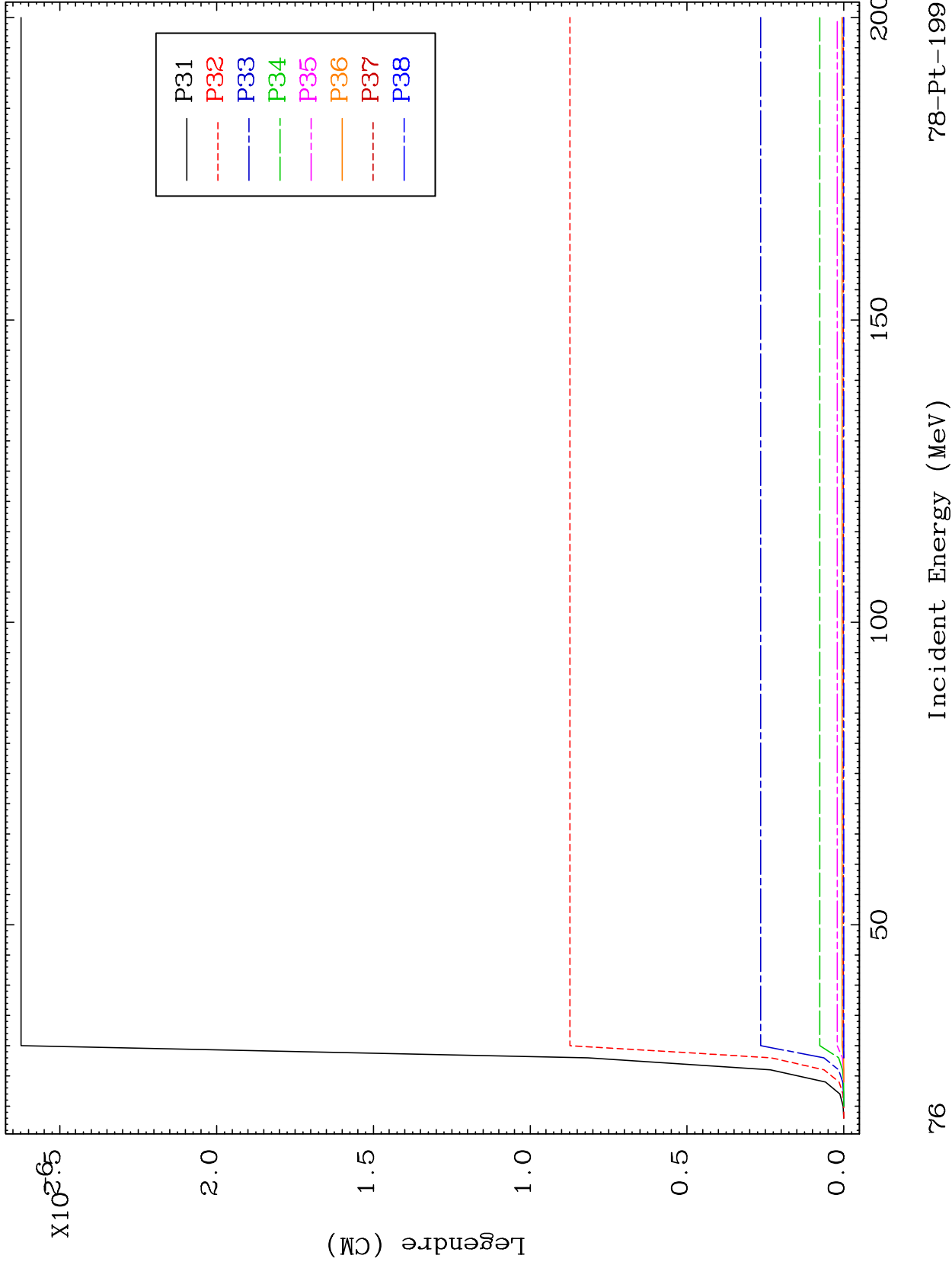
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199

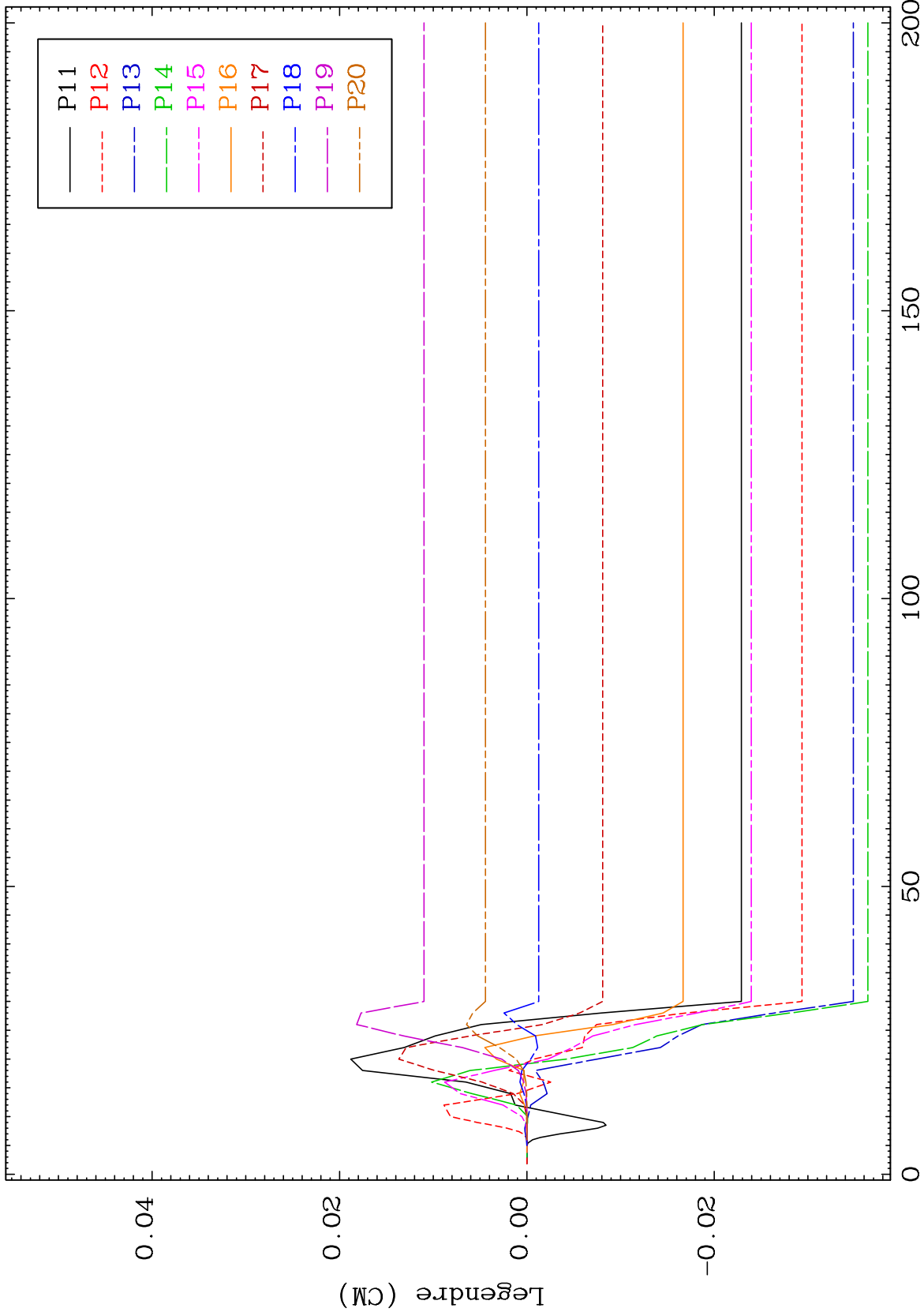


76

MAT 7852

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

78-Pt-199



78

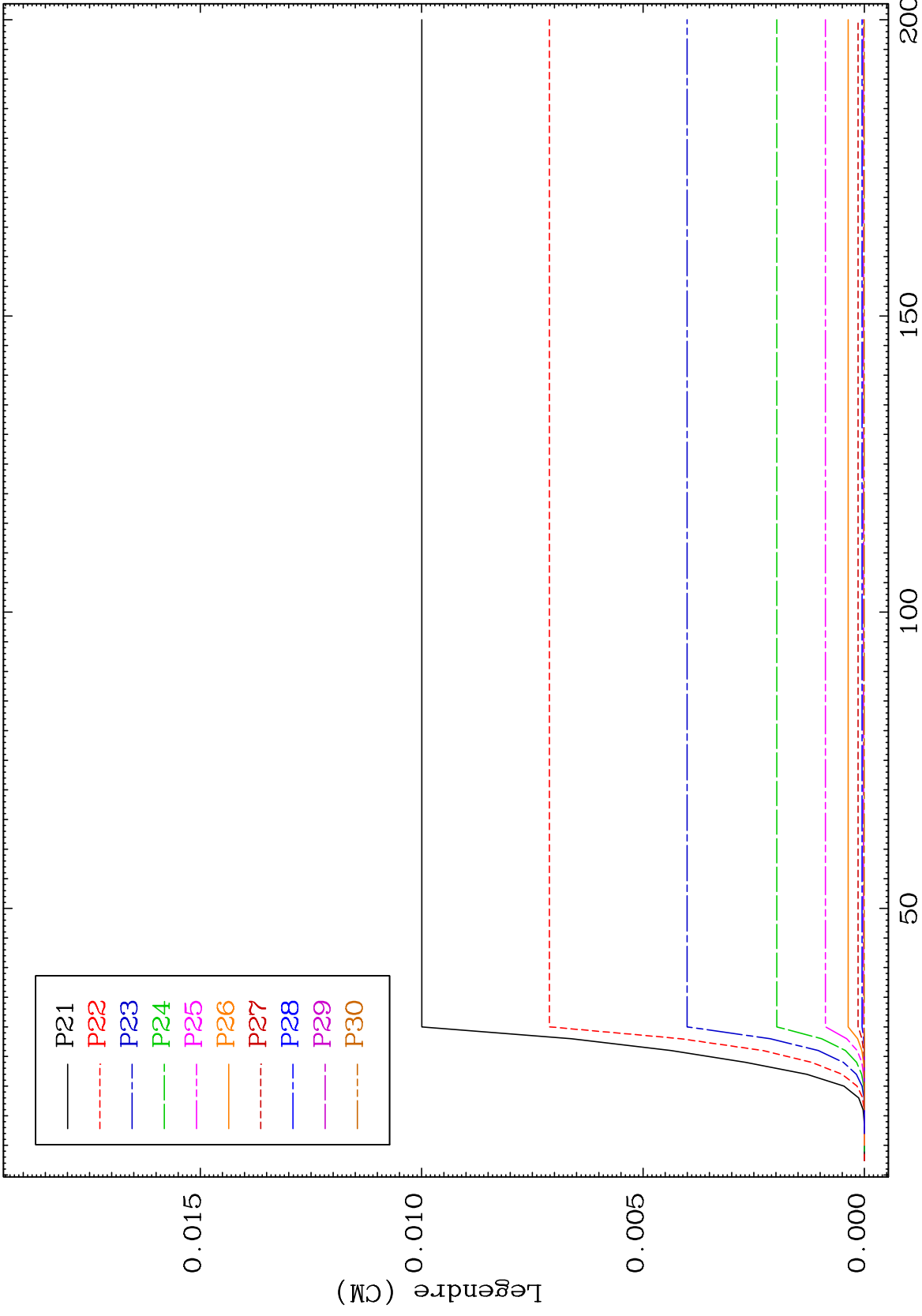
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

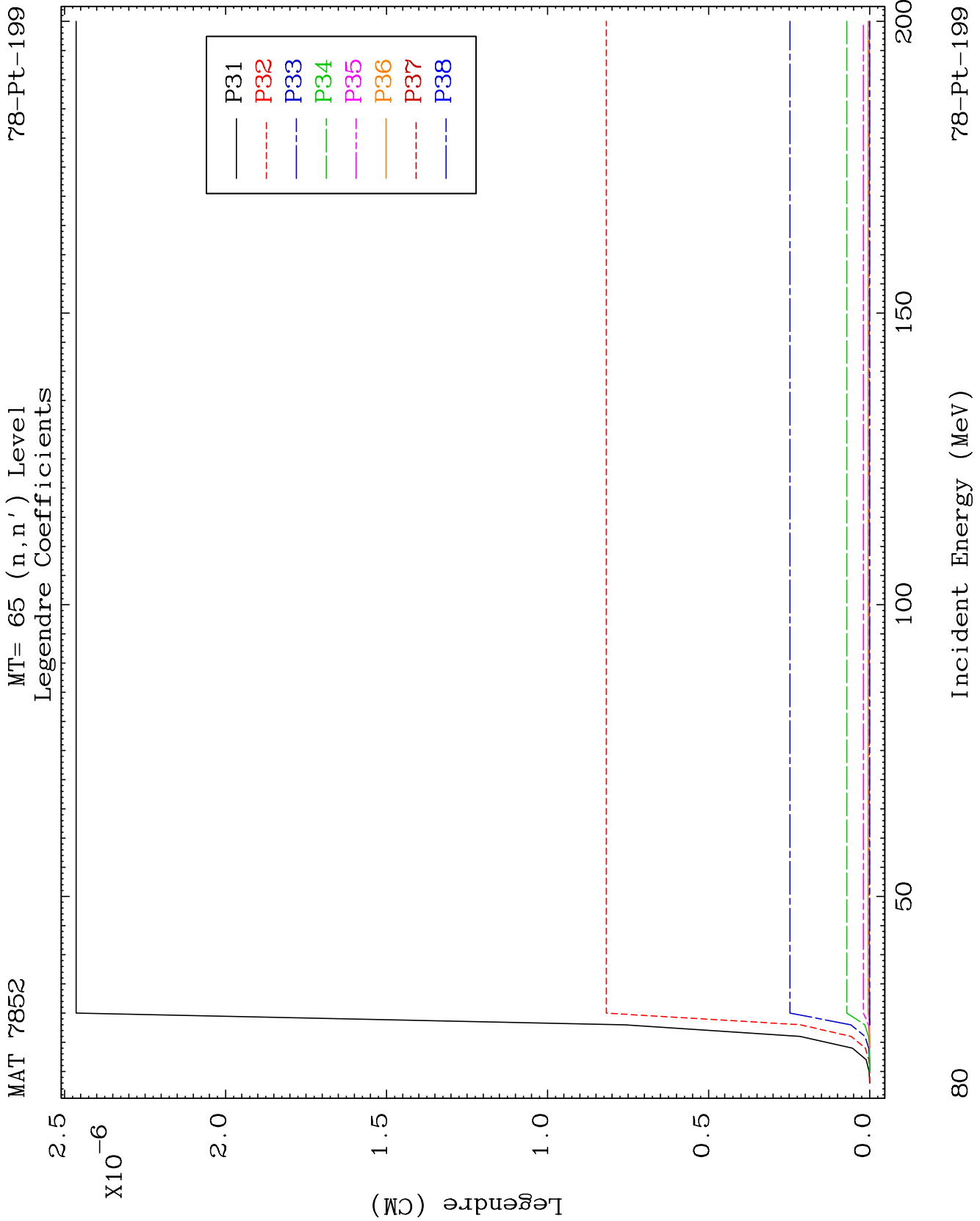
78-Pt-199



79

Incident Energy (MeV)

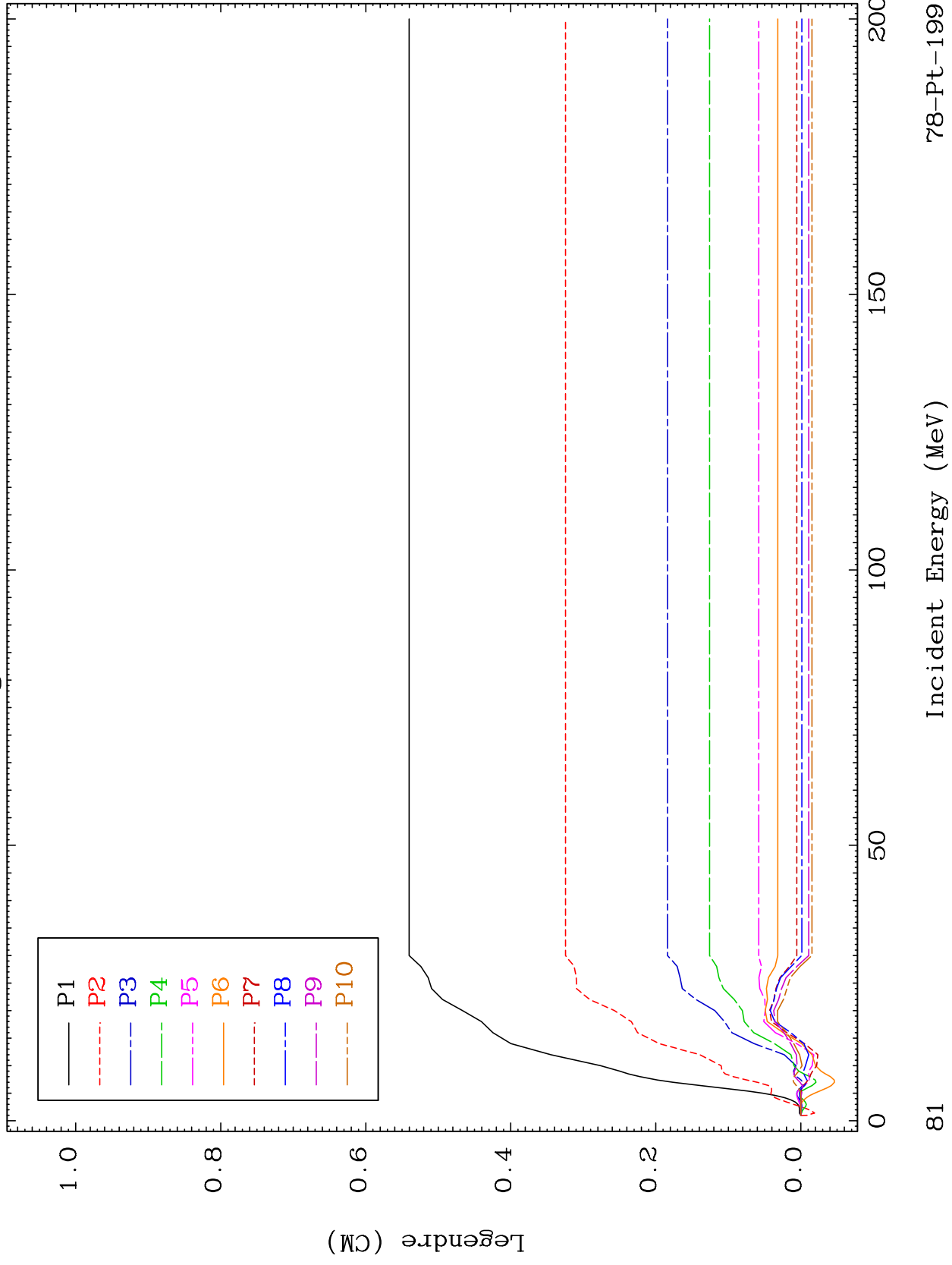
78-Pt-199



MAT 7852

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

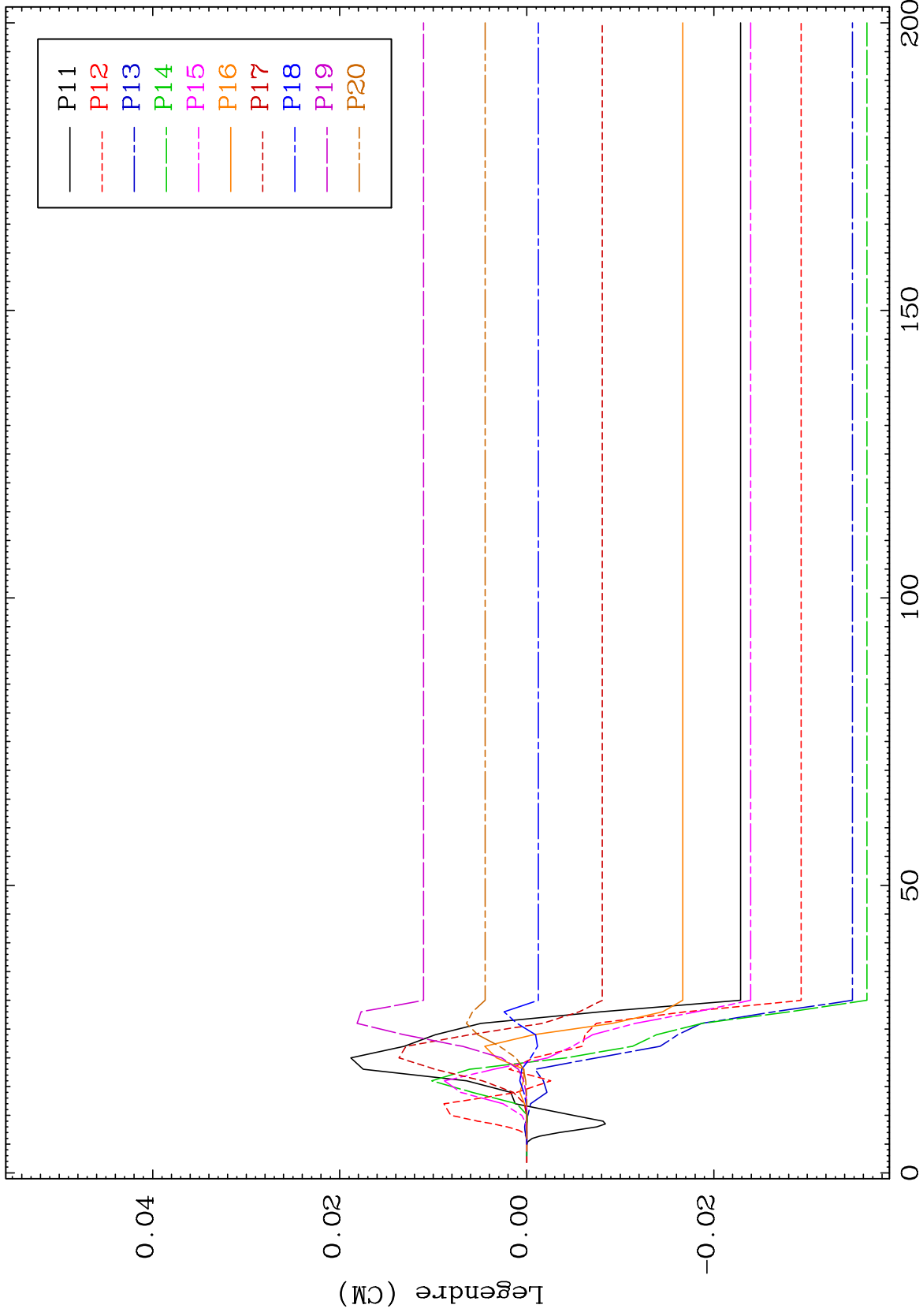
78-Pt-199



MAT 7852

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

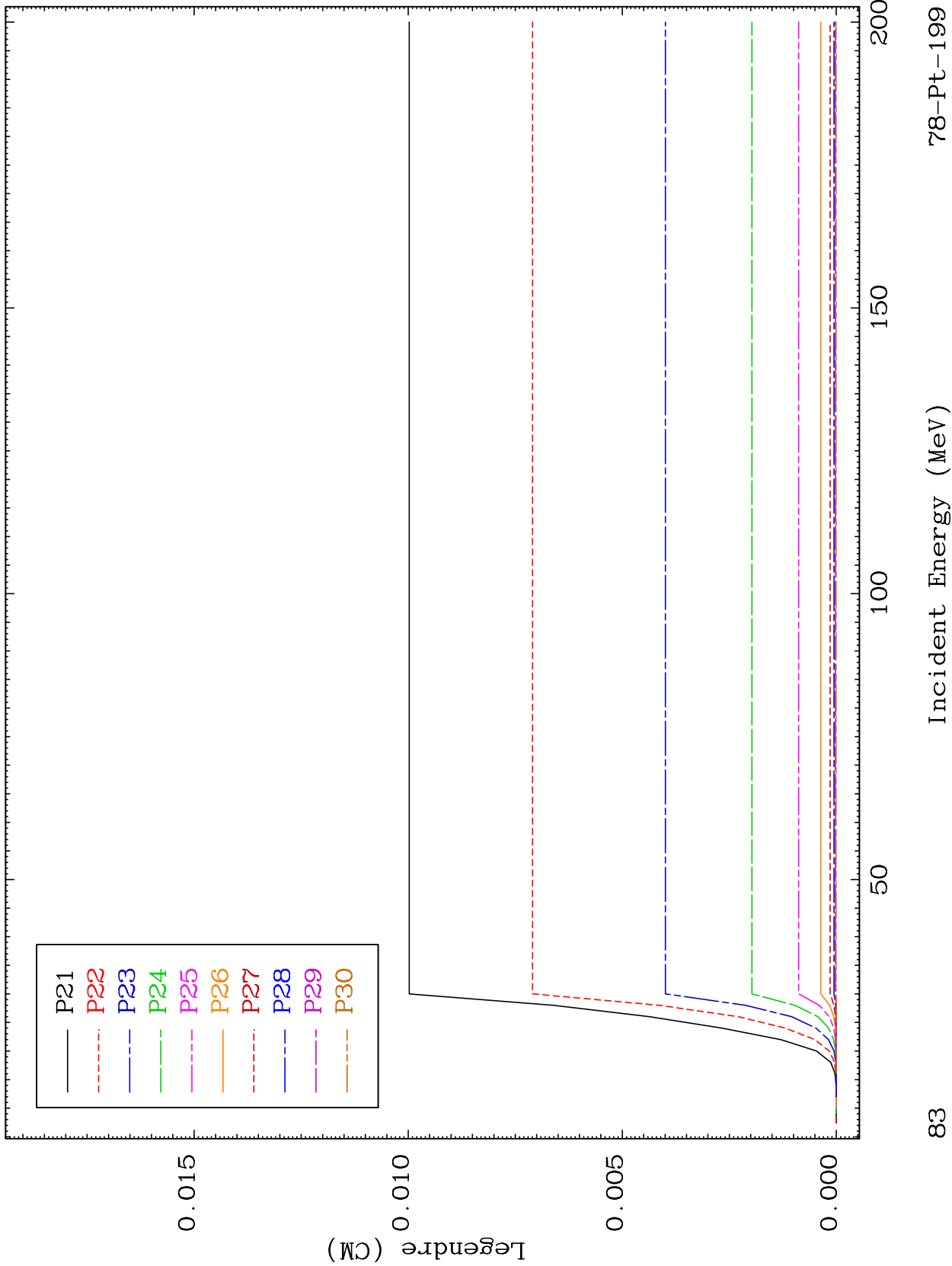
78-Pt-199



82

Incident Energy (MeV)

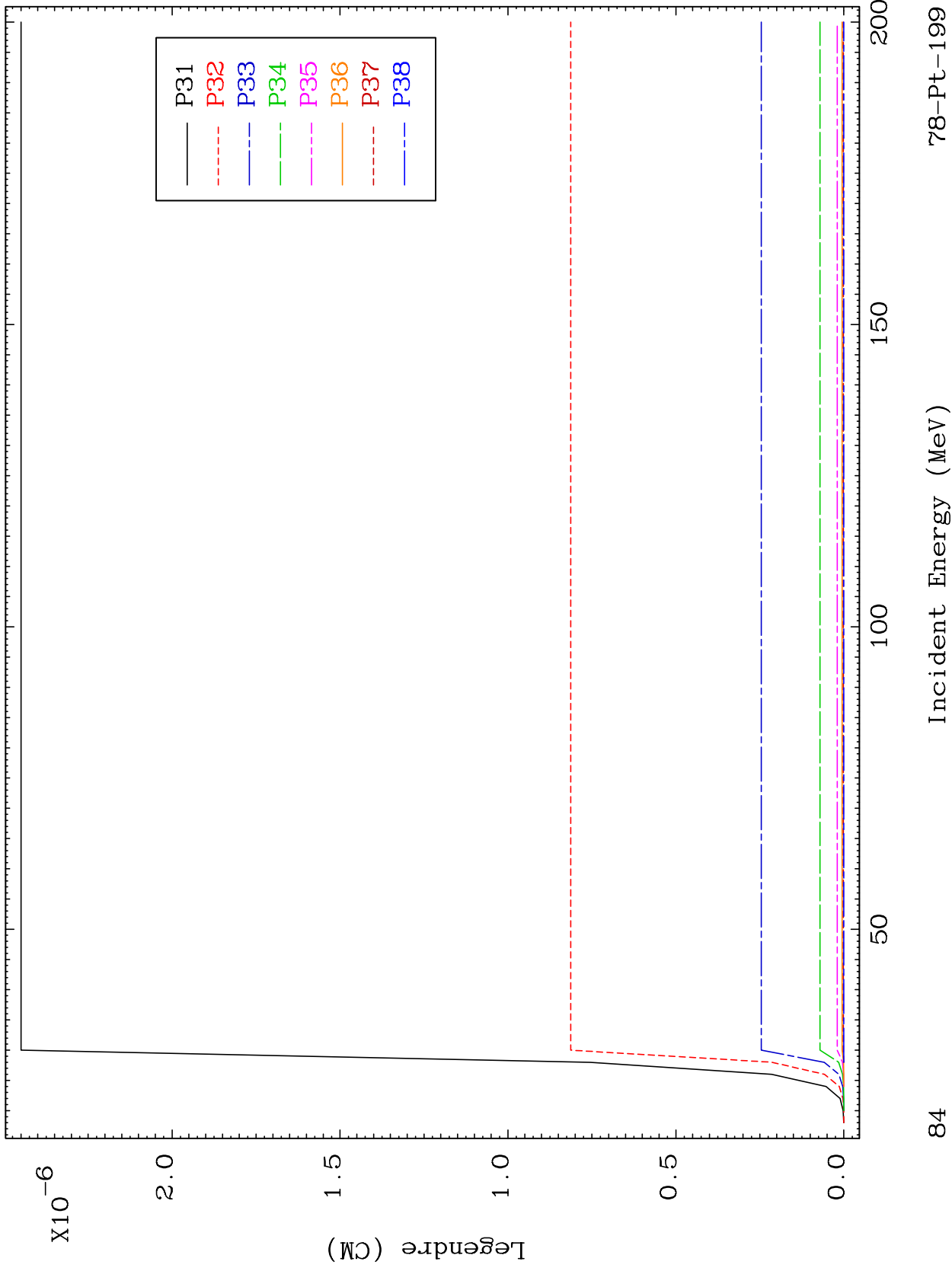
78-Pt-199



MAT 7852

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

78-Pt-199



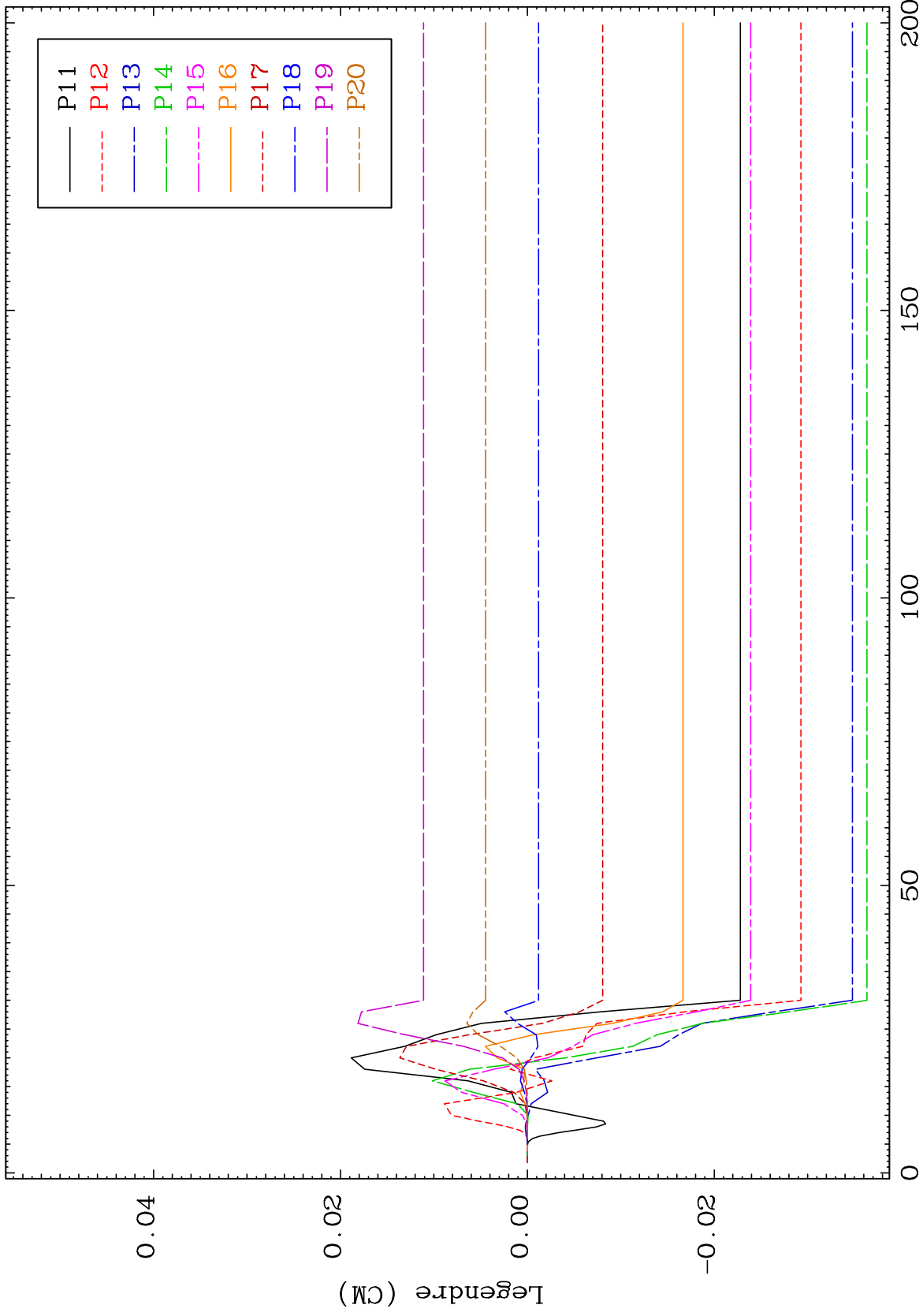
84

78-Pt-199

MAT 7852

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

78-Pt-199



86

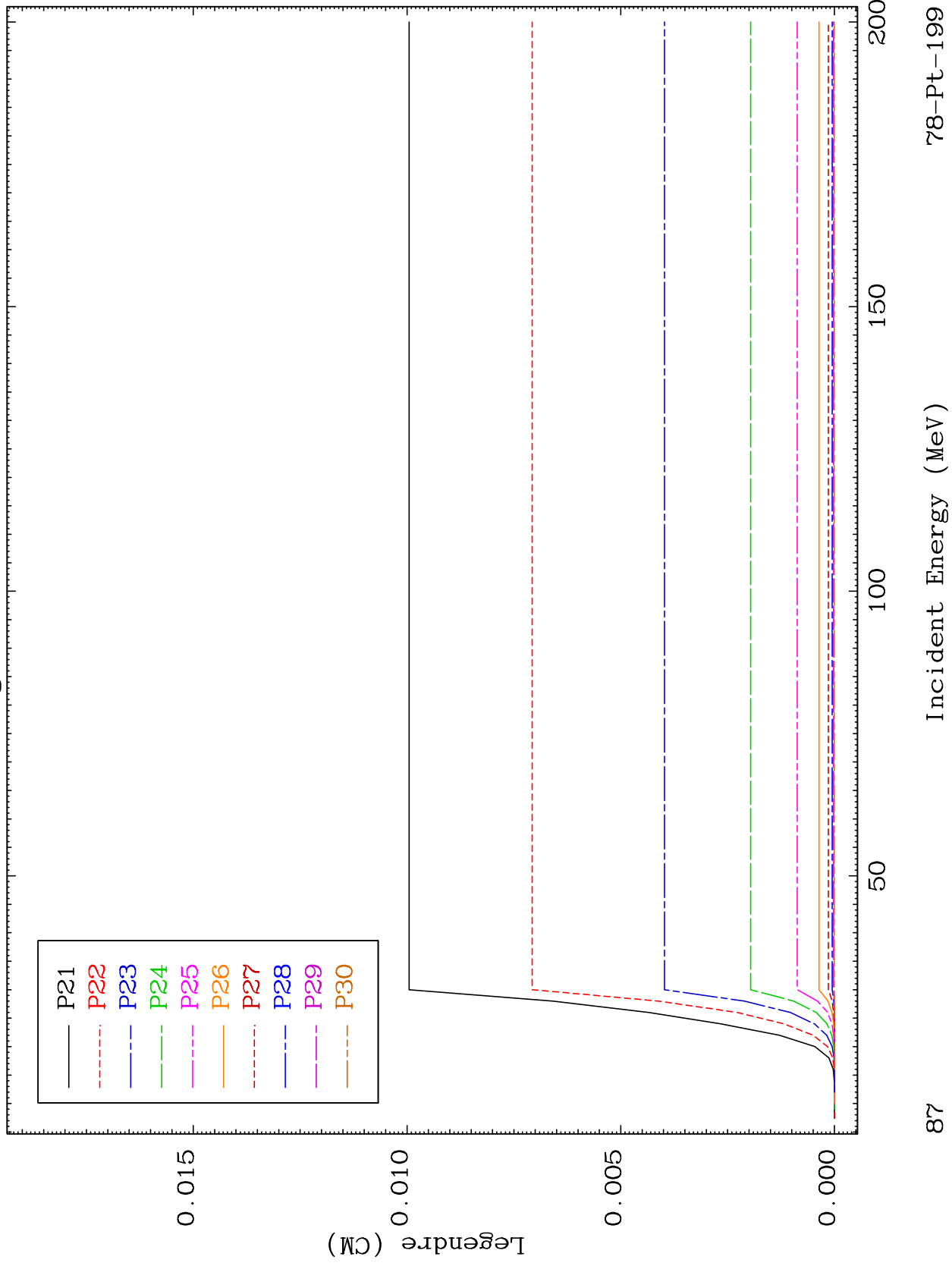
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

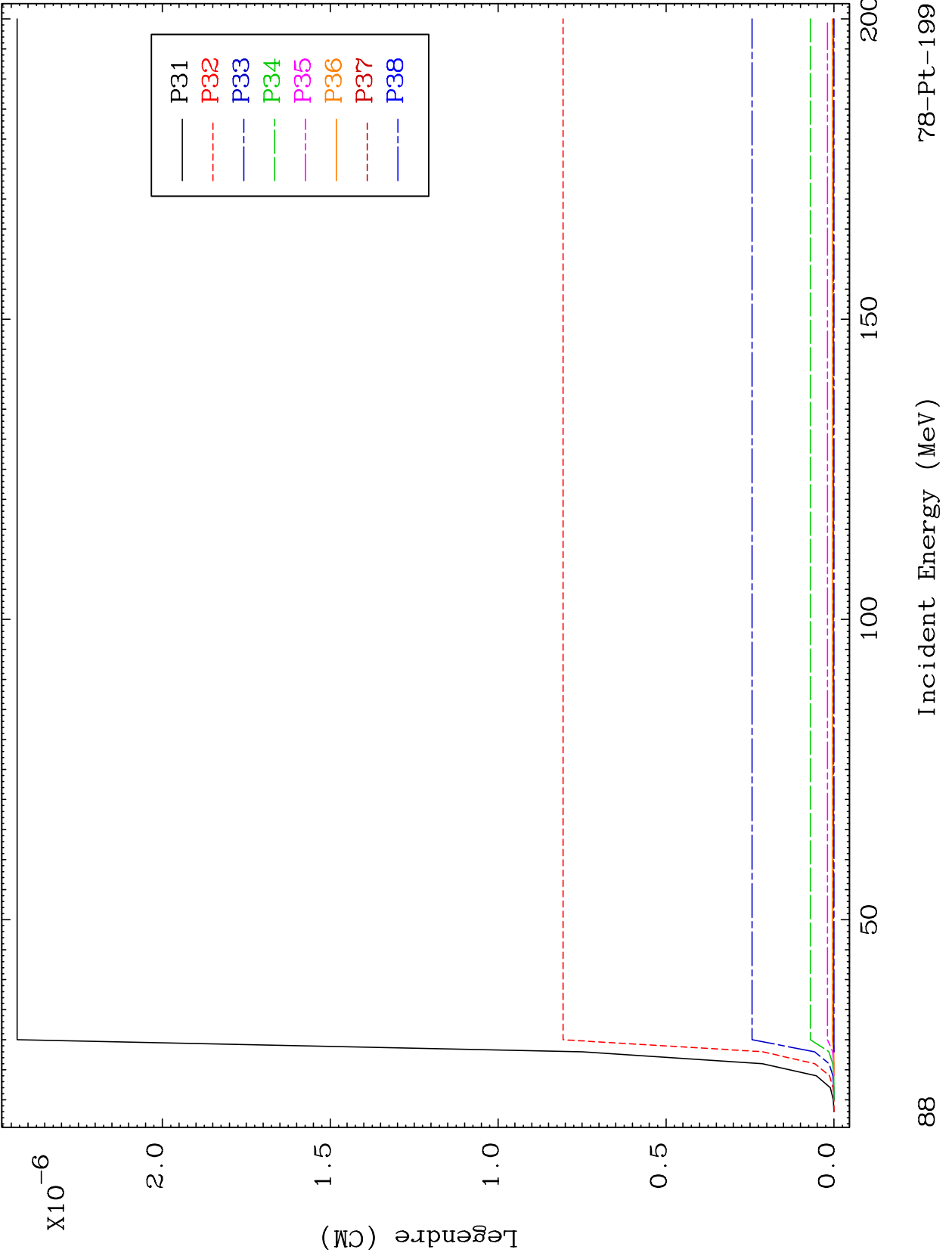
78-Pt-199



87

Incident Energy (MeV)

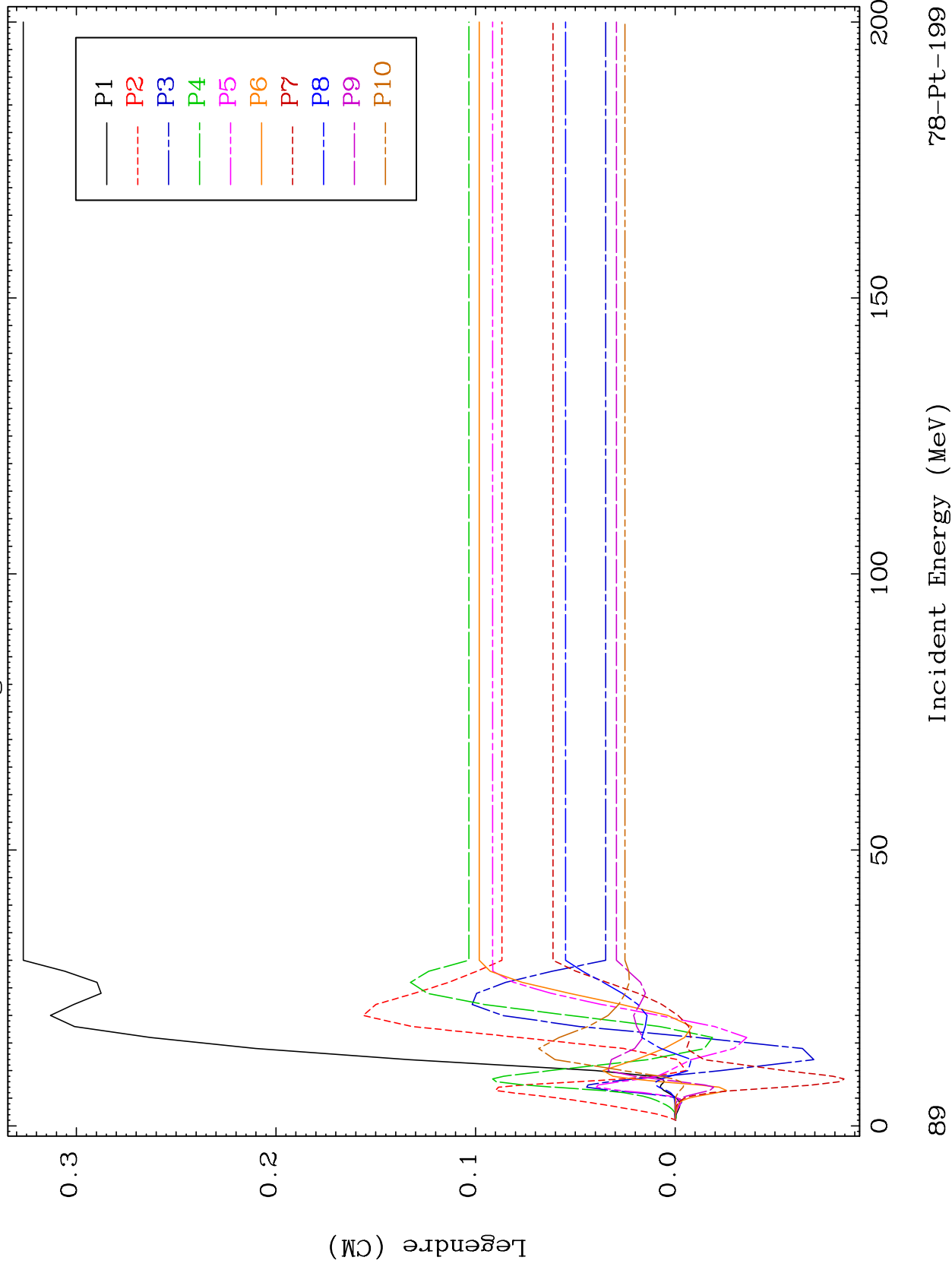
78-Pt-199



MAT 7852

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

78-Pt-199



89

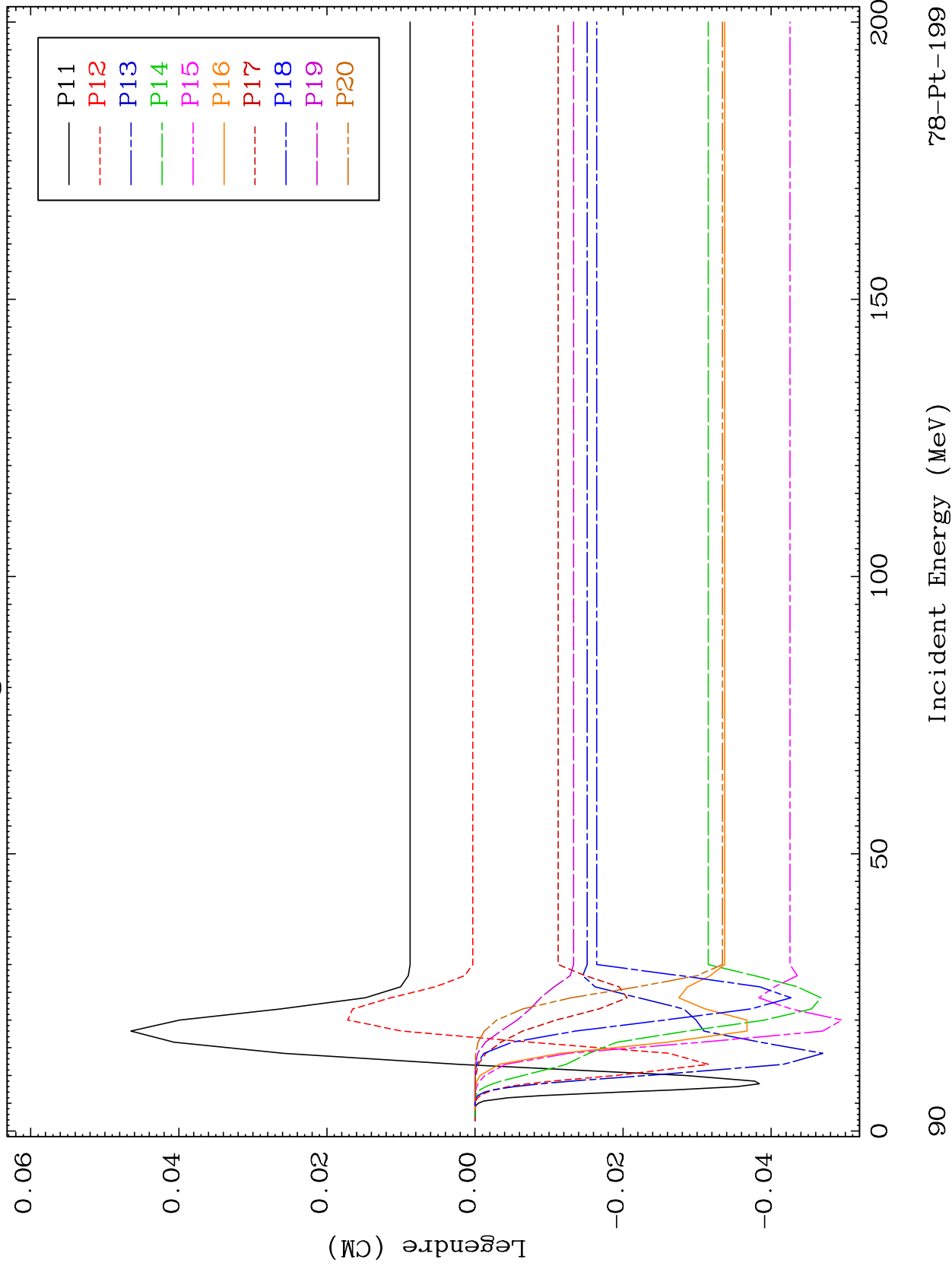
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

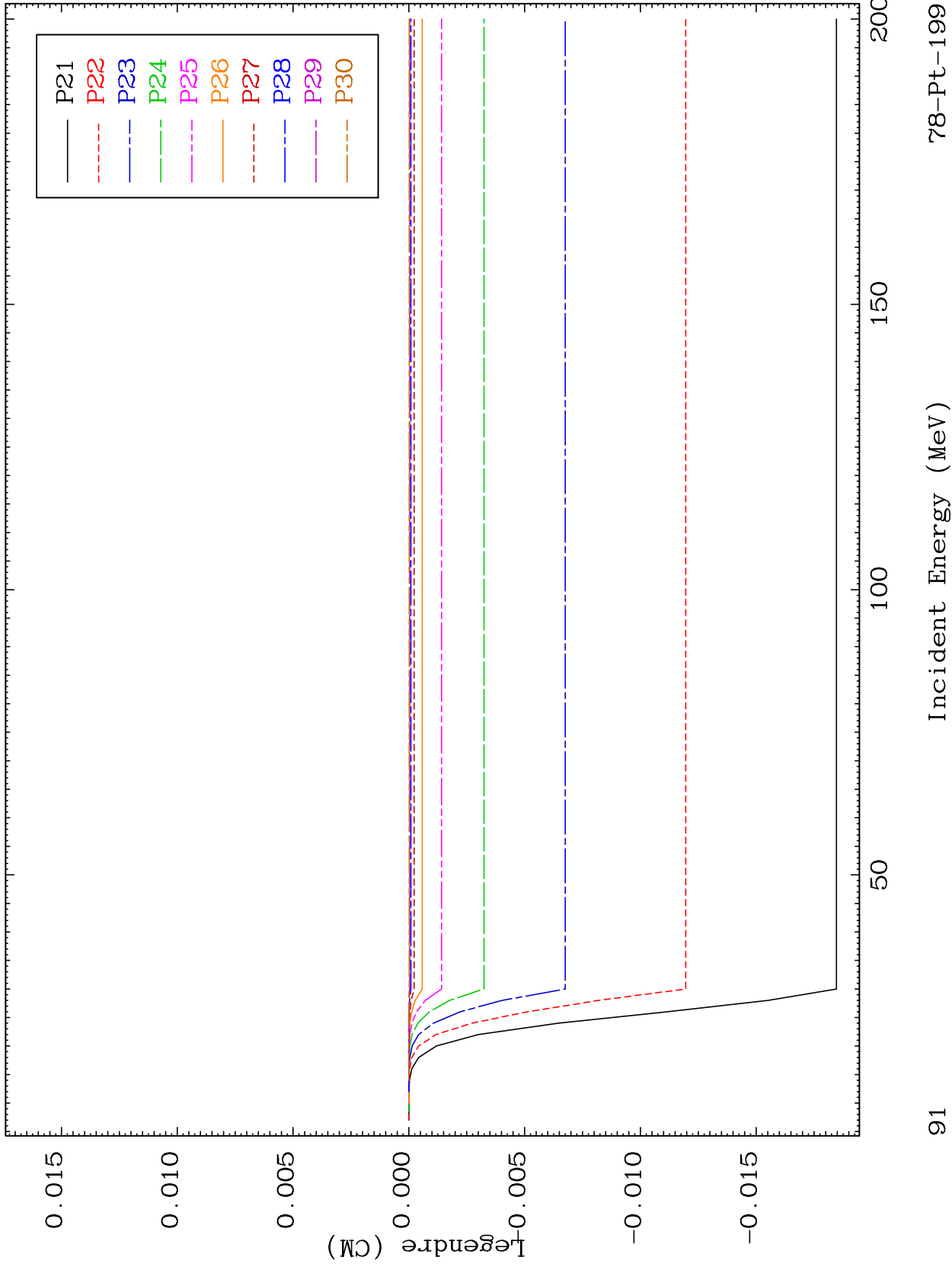
78-Pt-199



MAT 7852

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

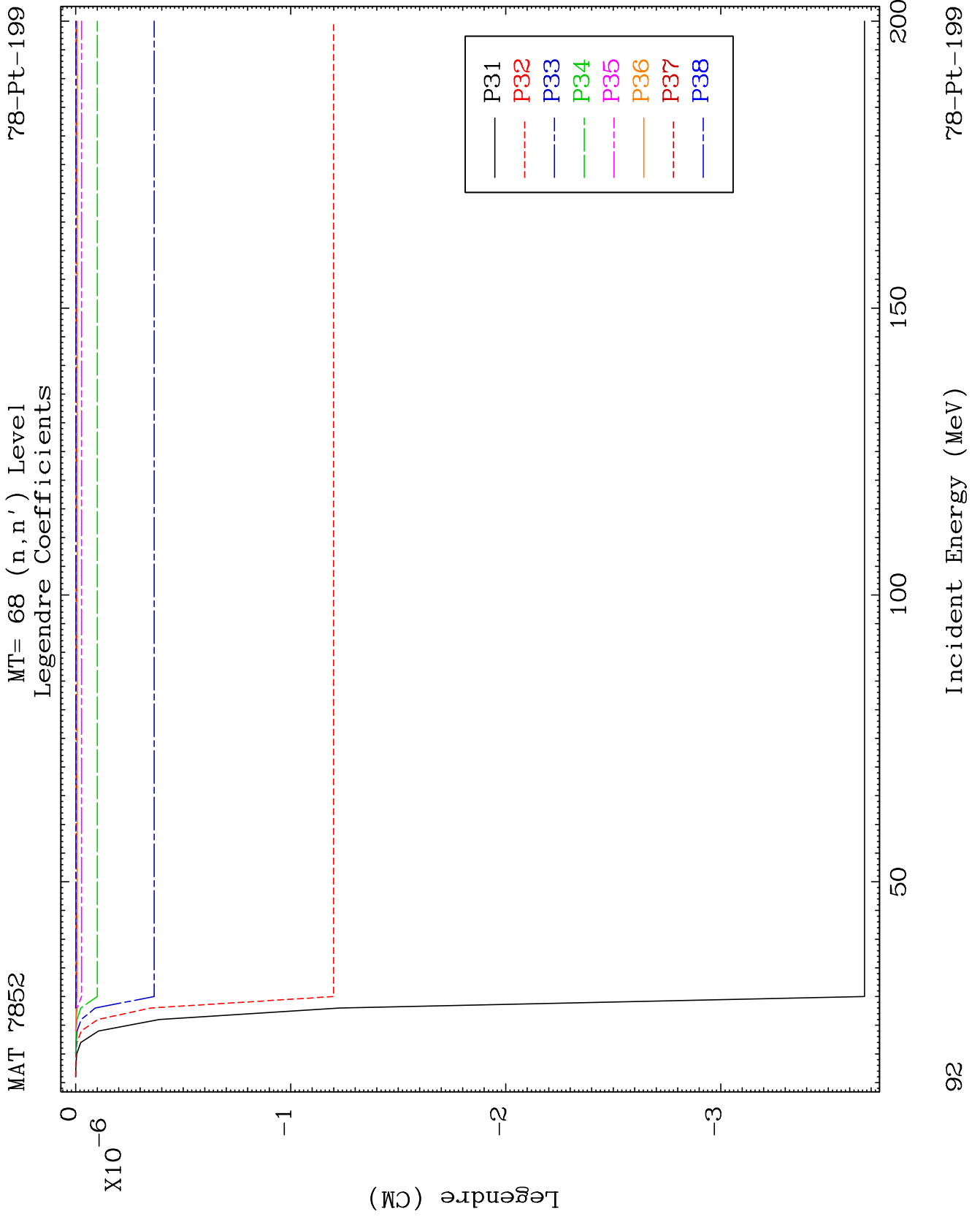
78-Pt-199



91

Incident Energy (MeV)

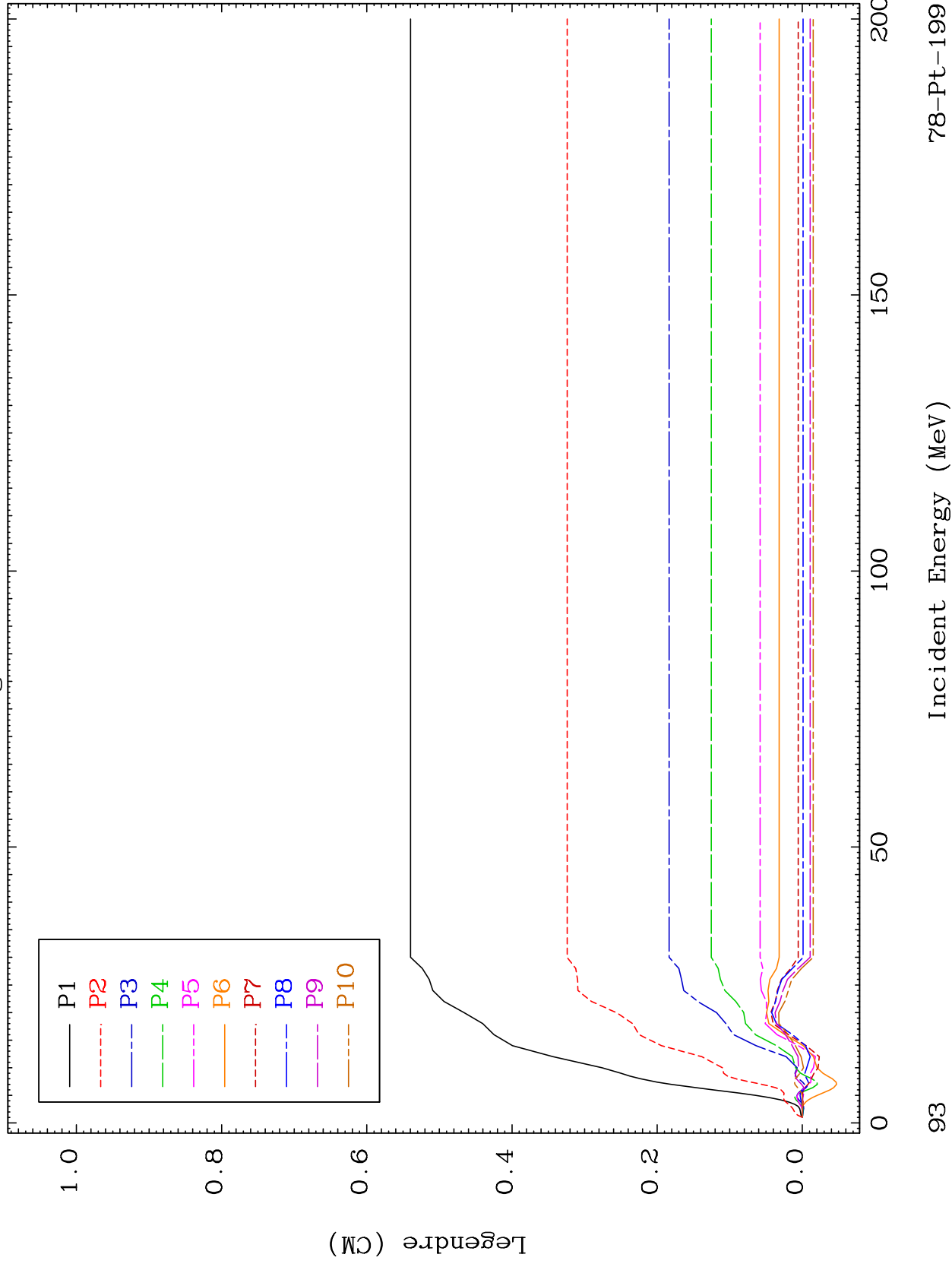
78-Pt-199



MAT 7852

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

78-Pt-199



93

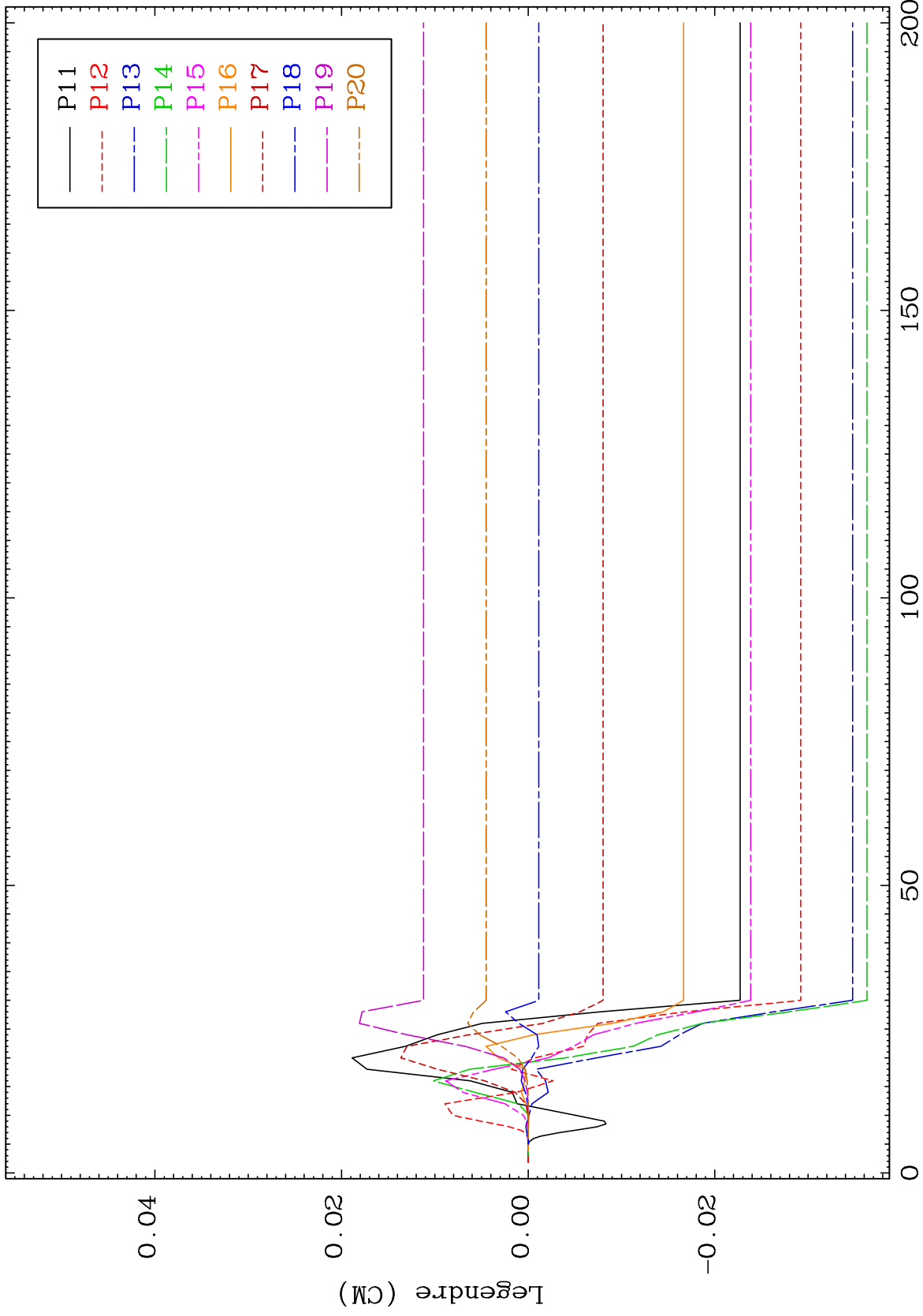
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



94

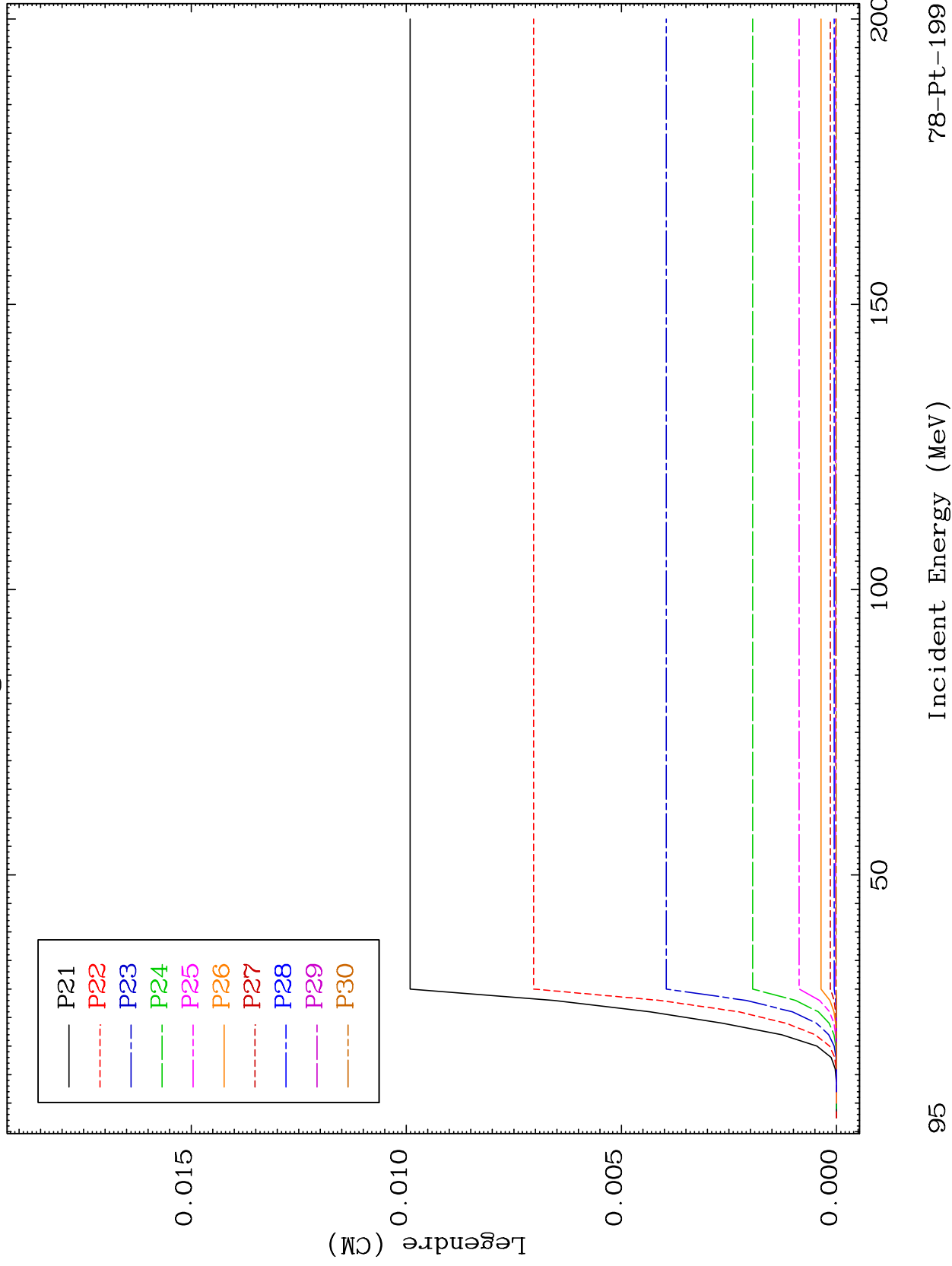
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



95

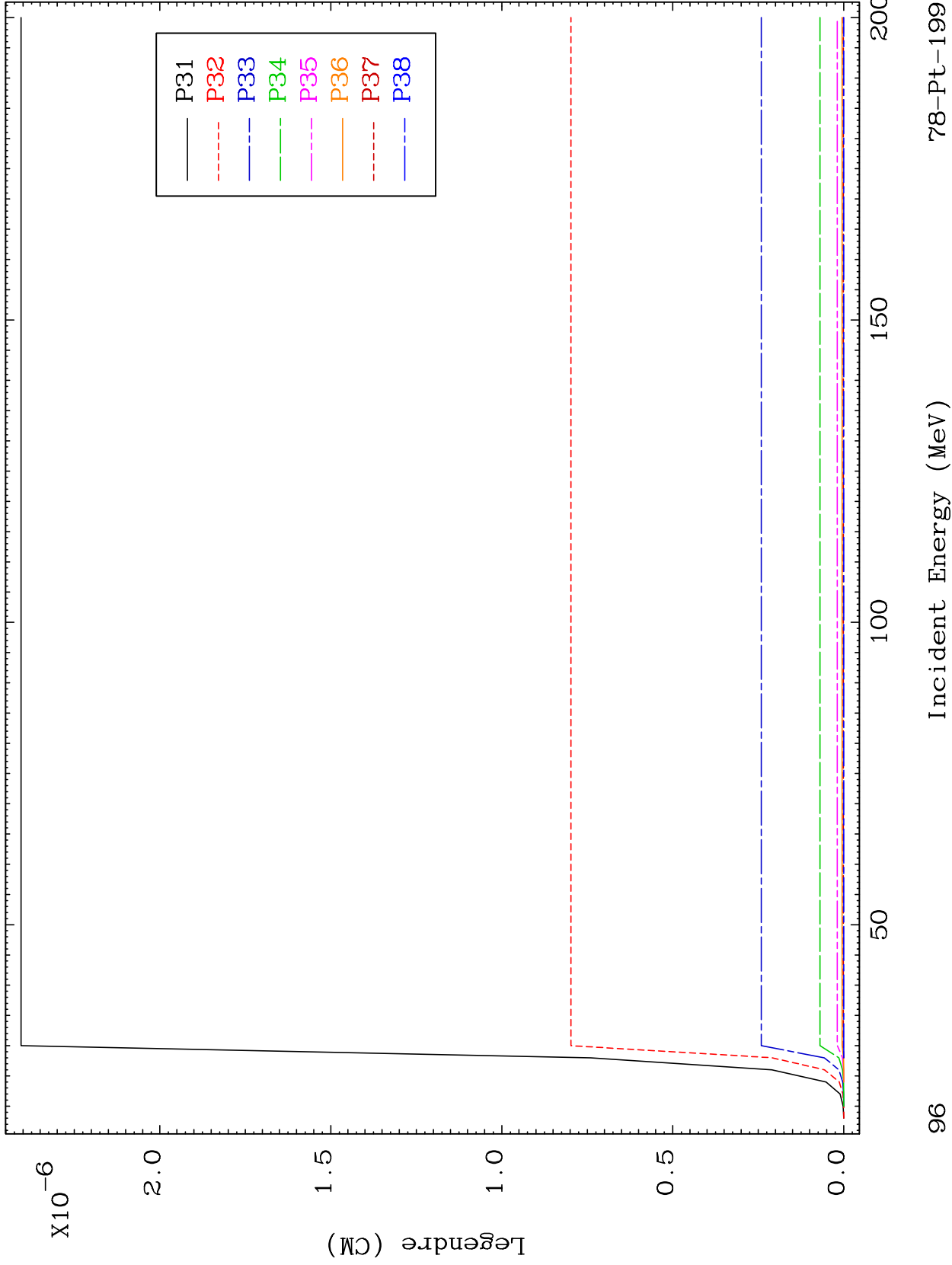
Incident Energy (MeV)

78-Pt-199

MAT 7852

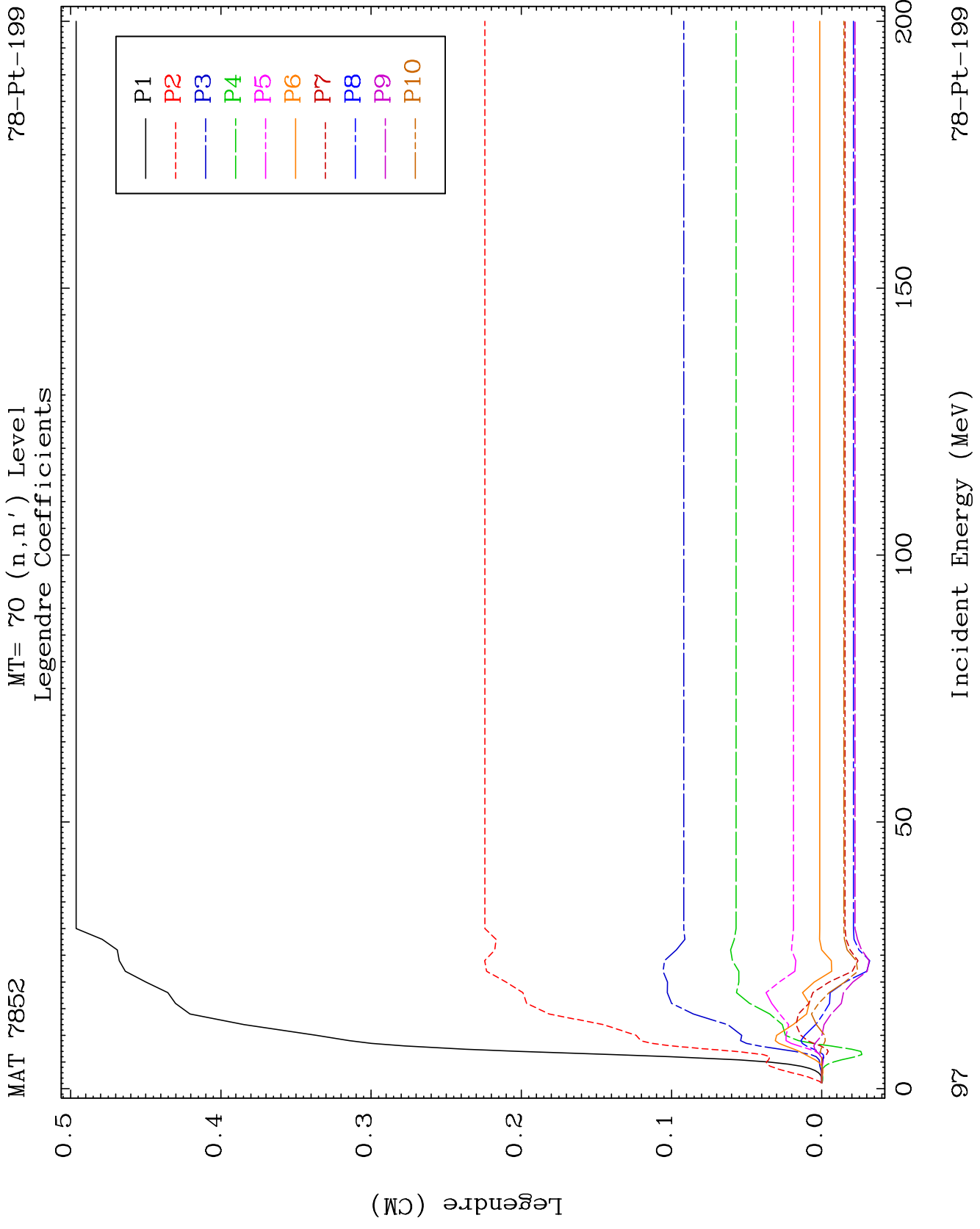
MT= 69 (n,n') Level
Legendre Coefficients

78-Pt-199



96

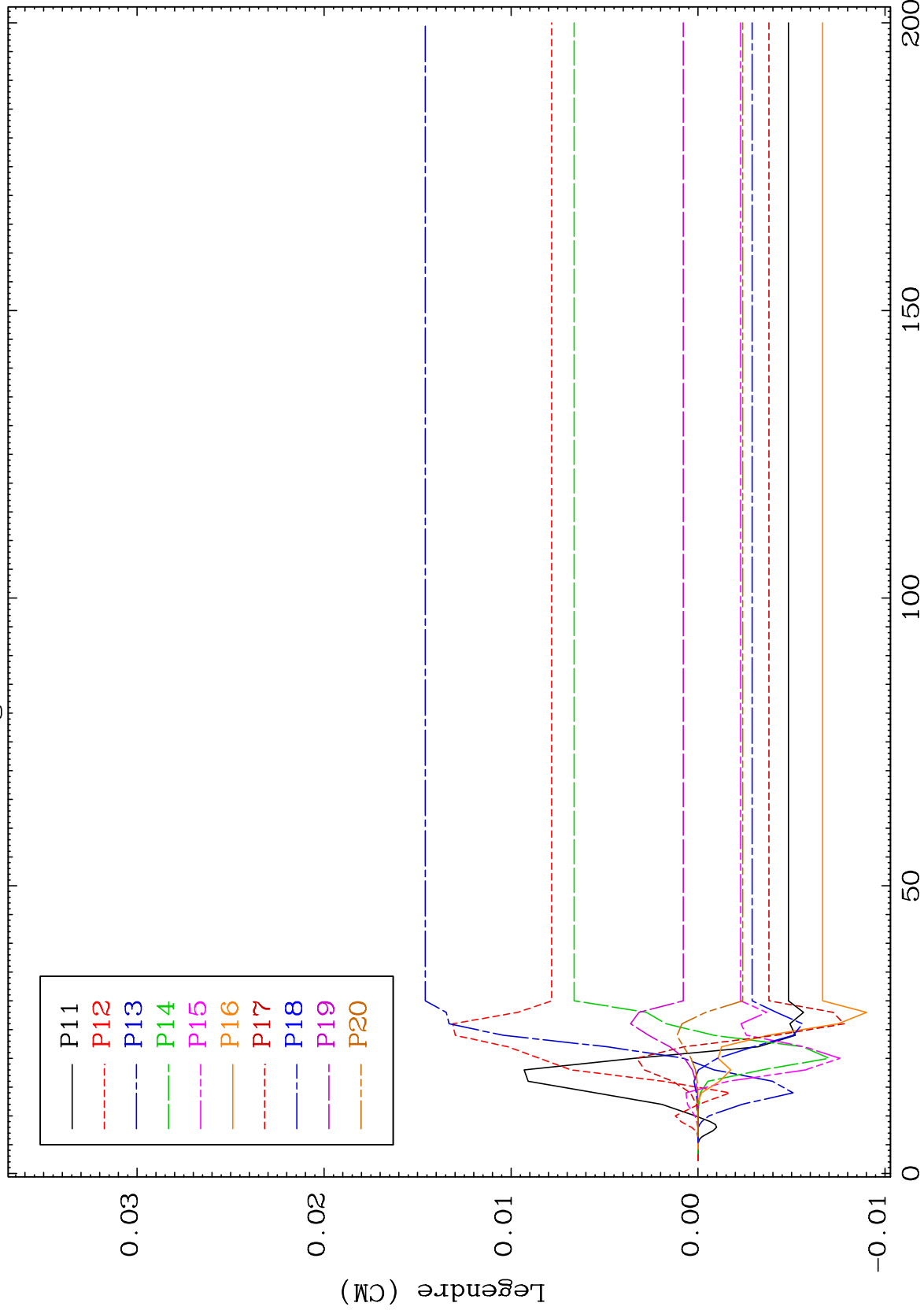
78-Pt-199



MAT 7852

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

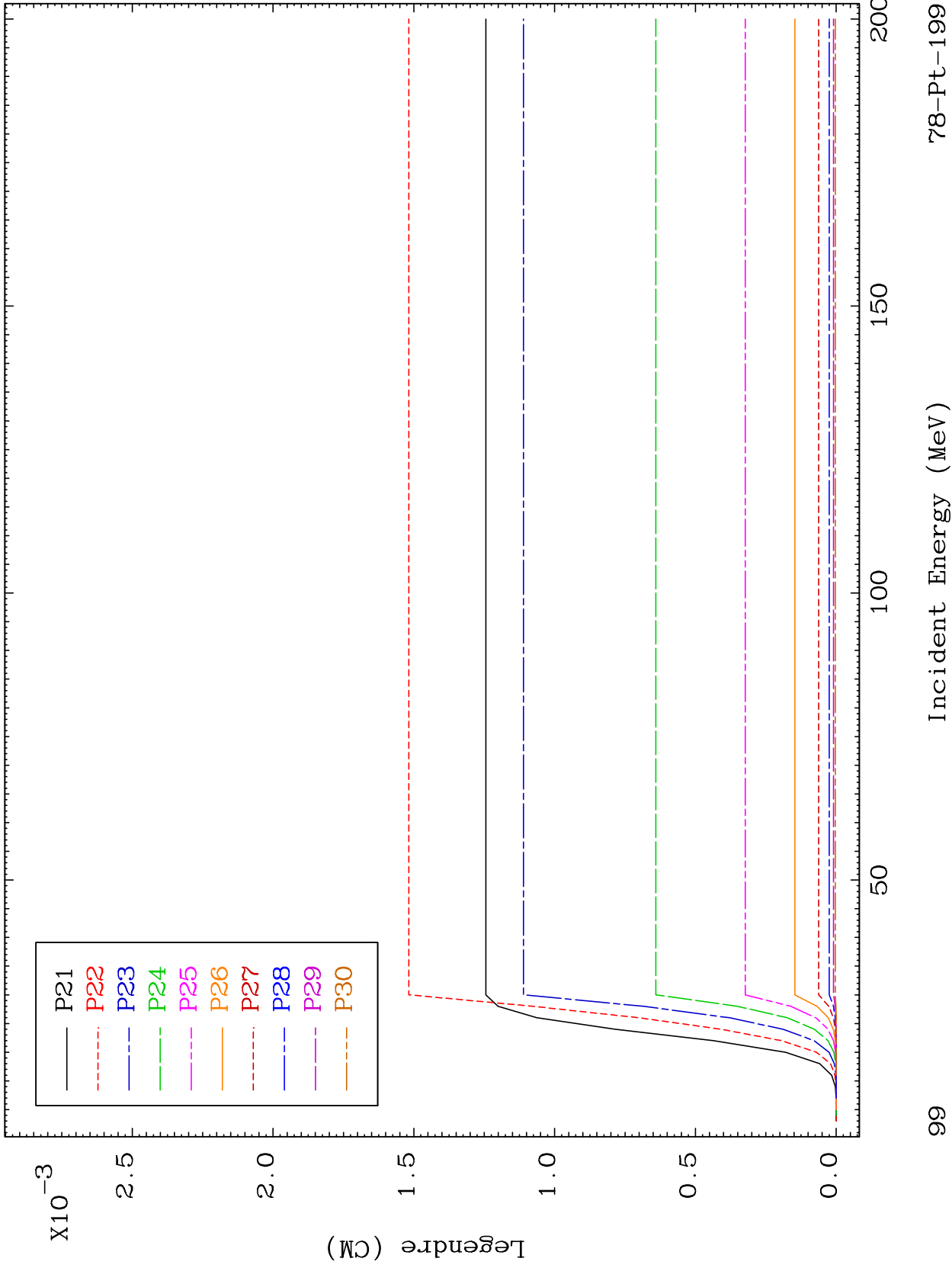
78-Pt-199



98

Incident Energy (MeV)

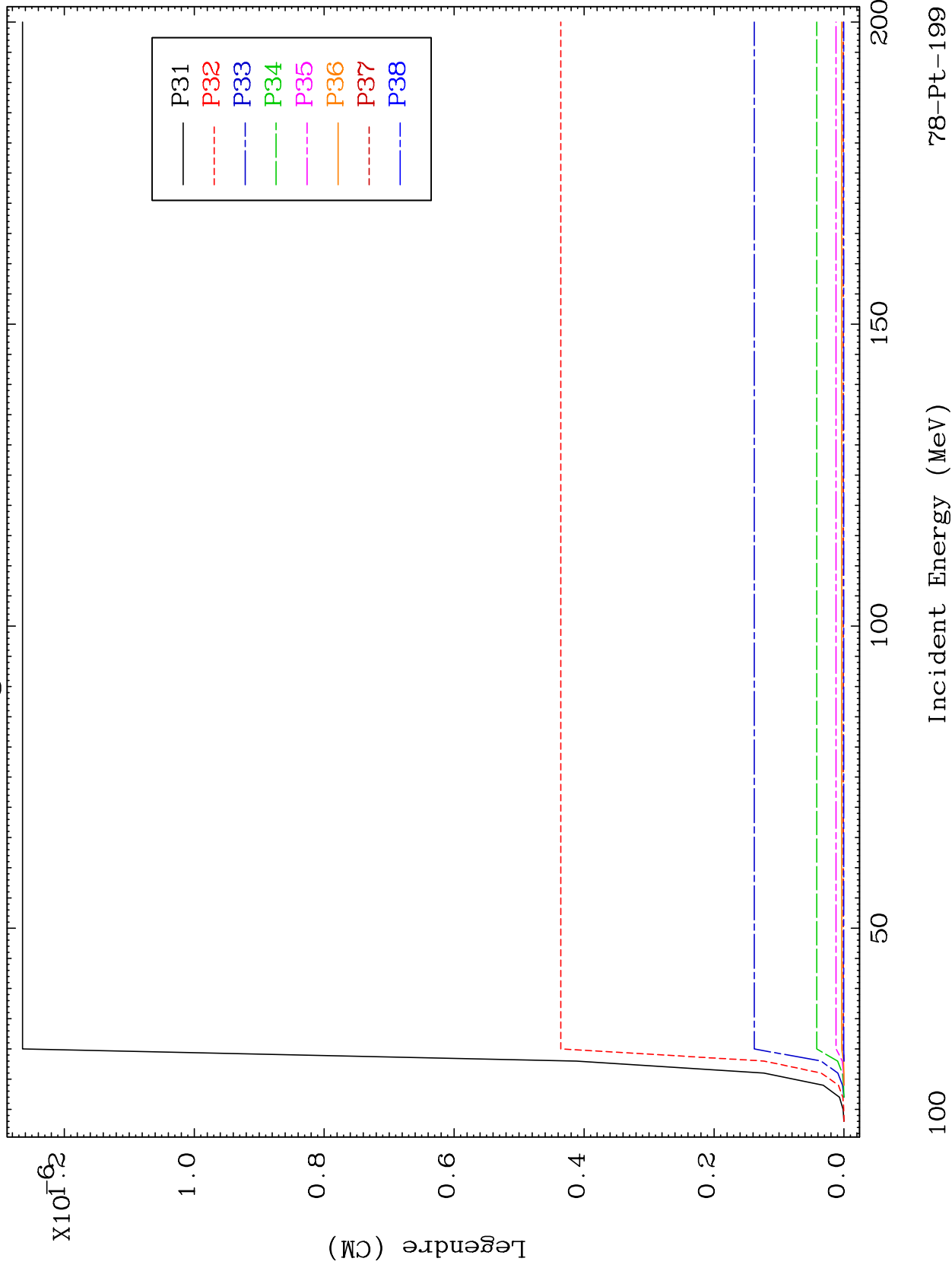
78-Pt-199

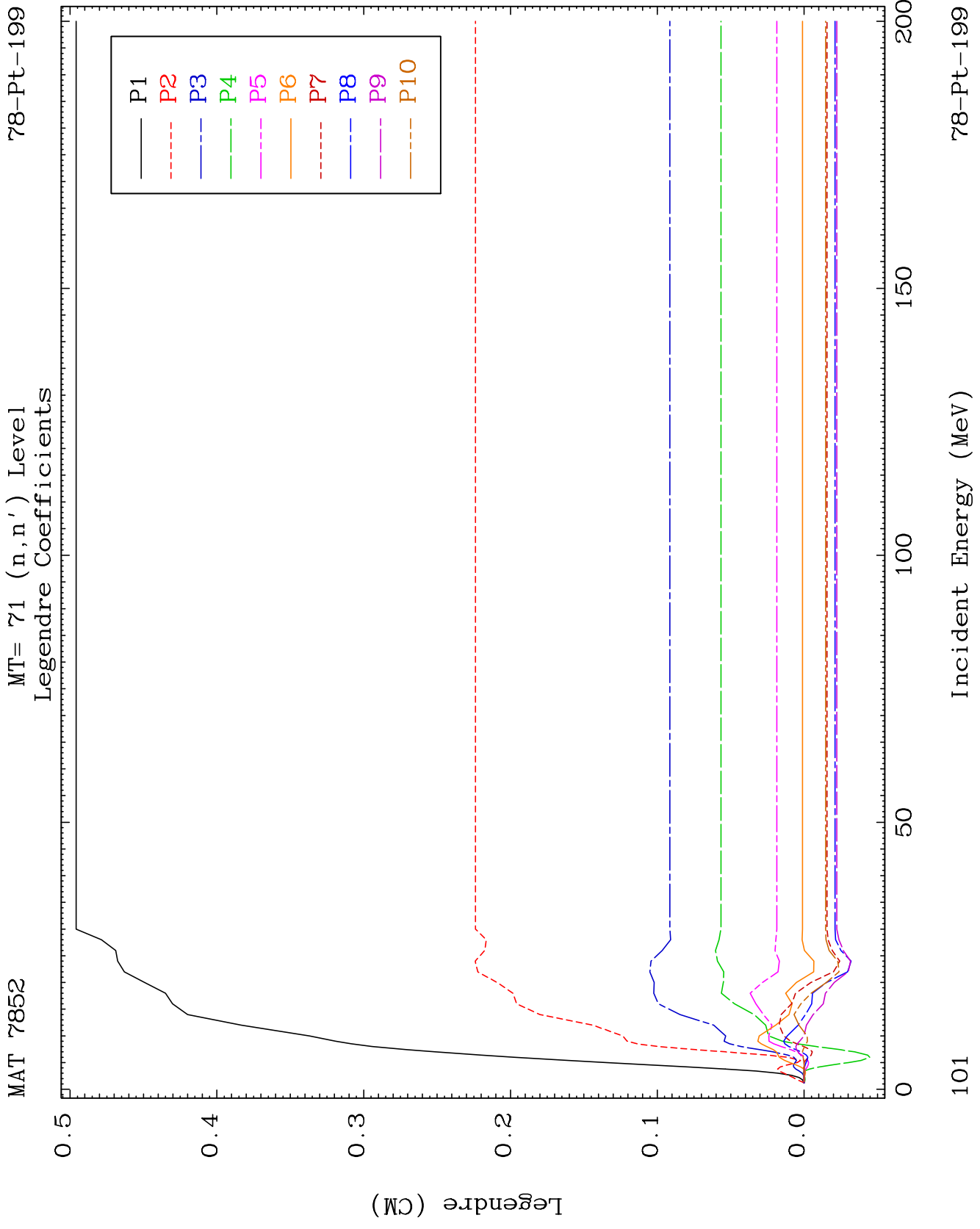


MAT 7852

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

78-Pt-199

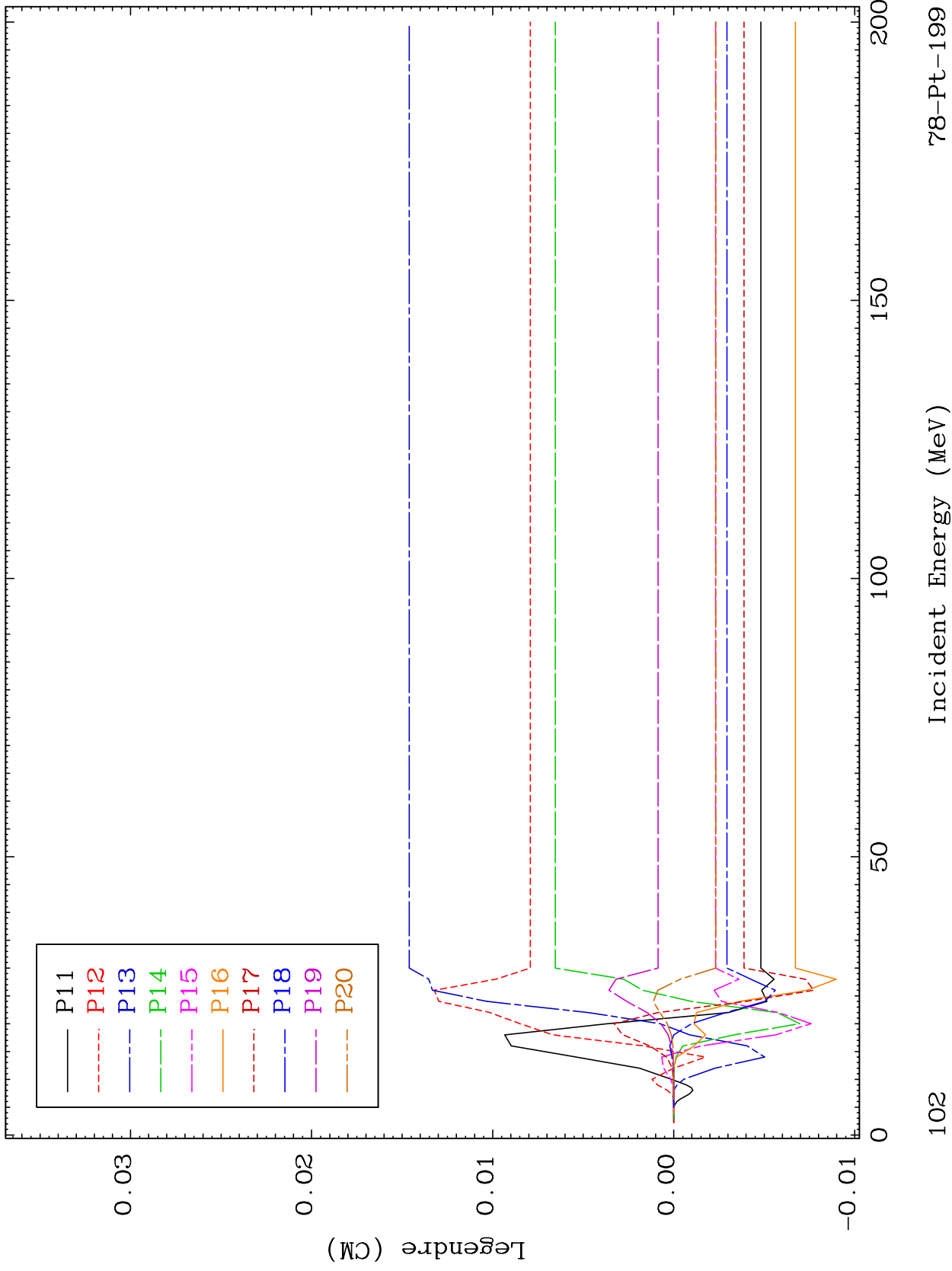




MAT 7852

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

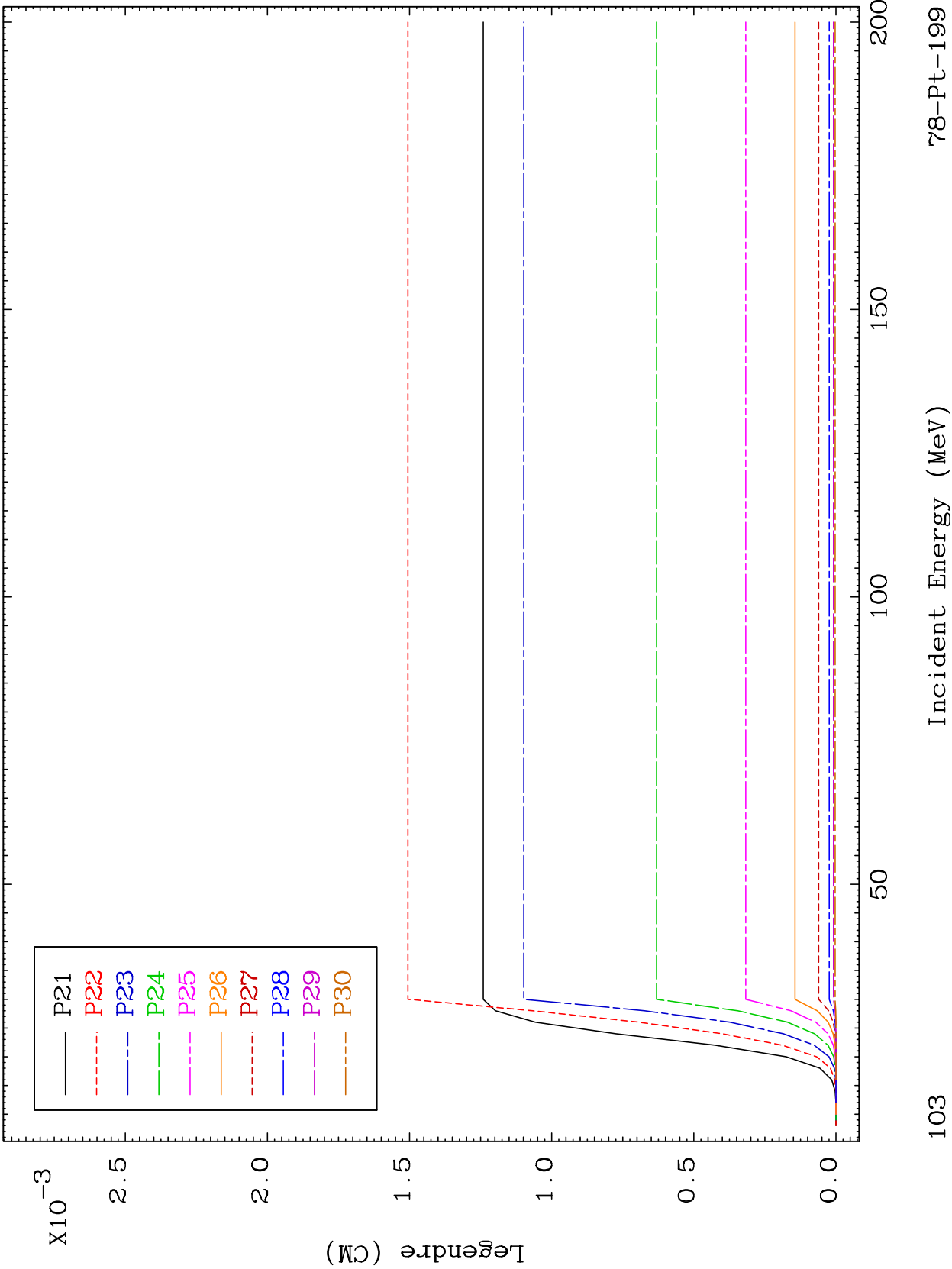
78-Pt-199



78-Pt-199

Incident Energy (MeV)

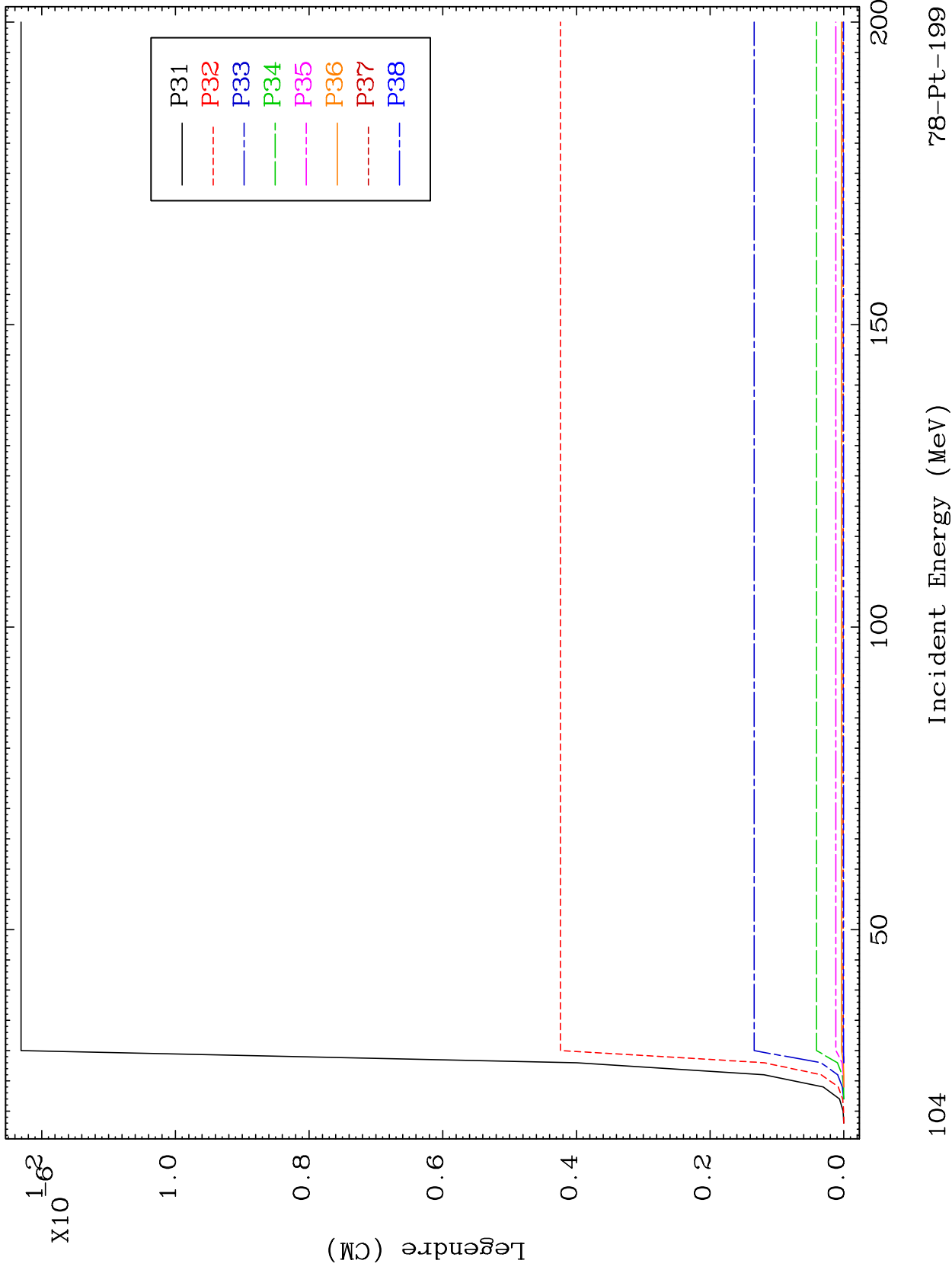
102



MAT 7852

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

78-Pt-199

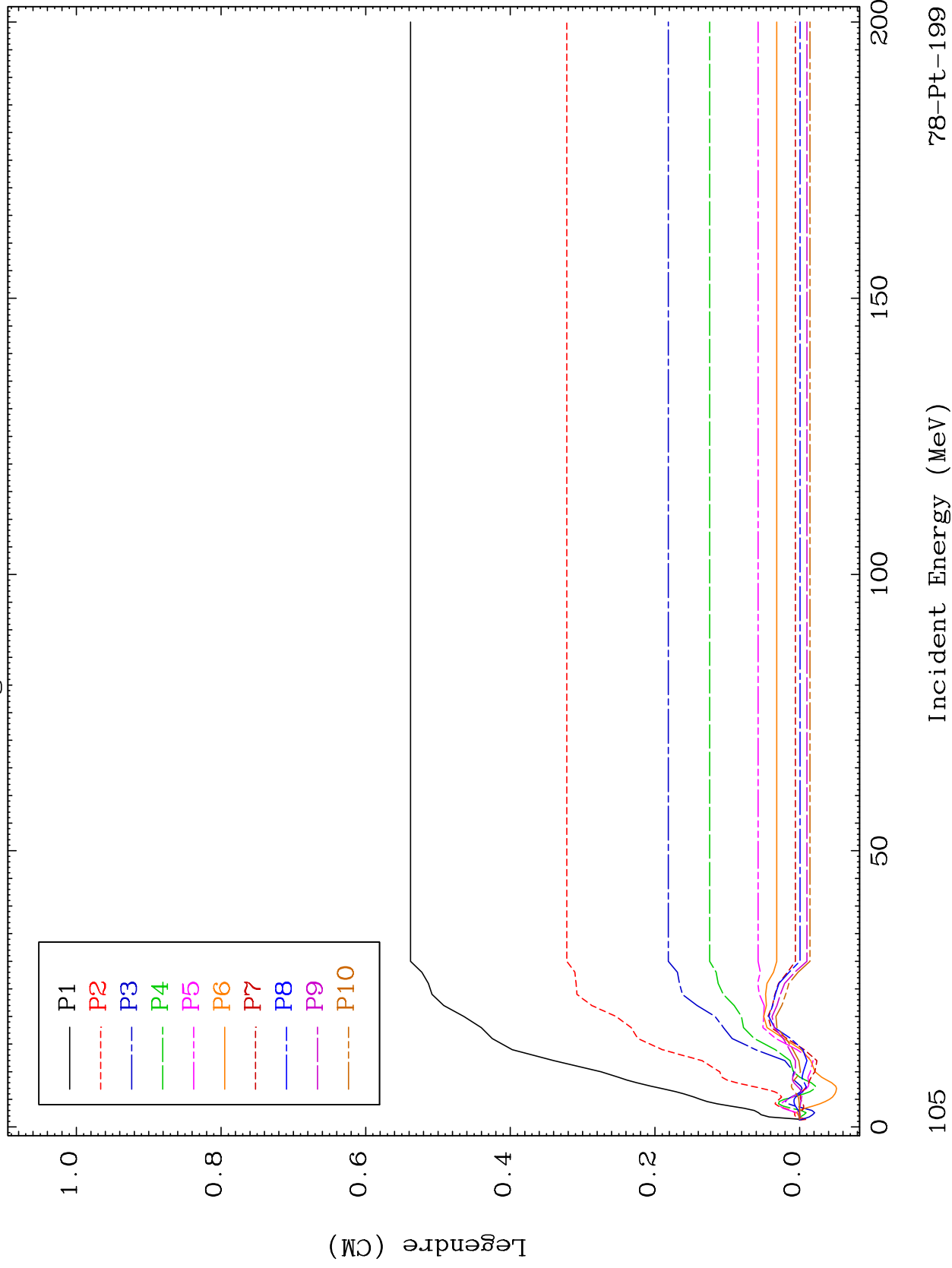


104

MAT 7852

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

78-Pt-199



78-Pt-199

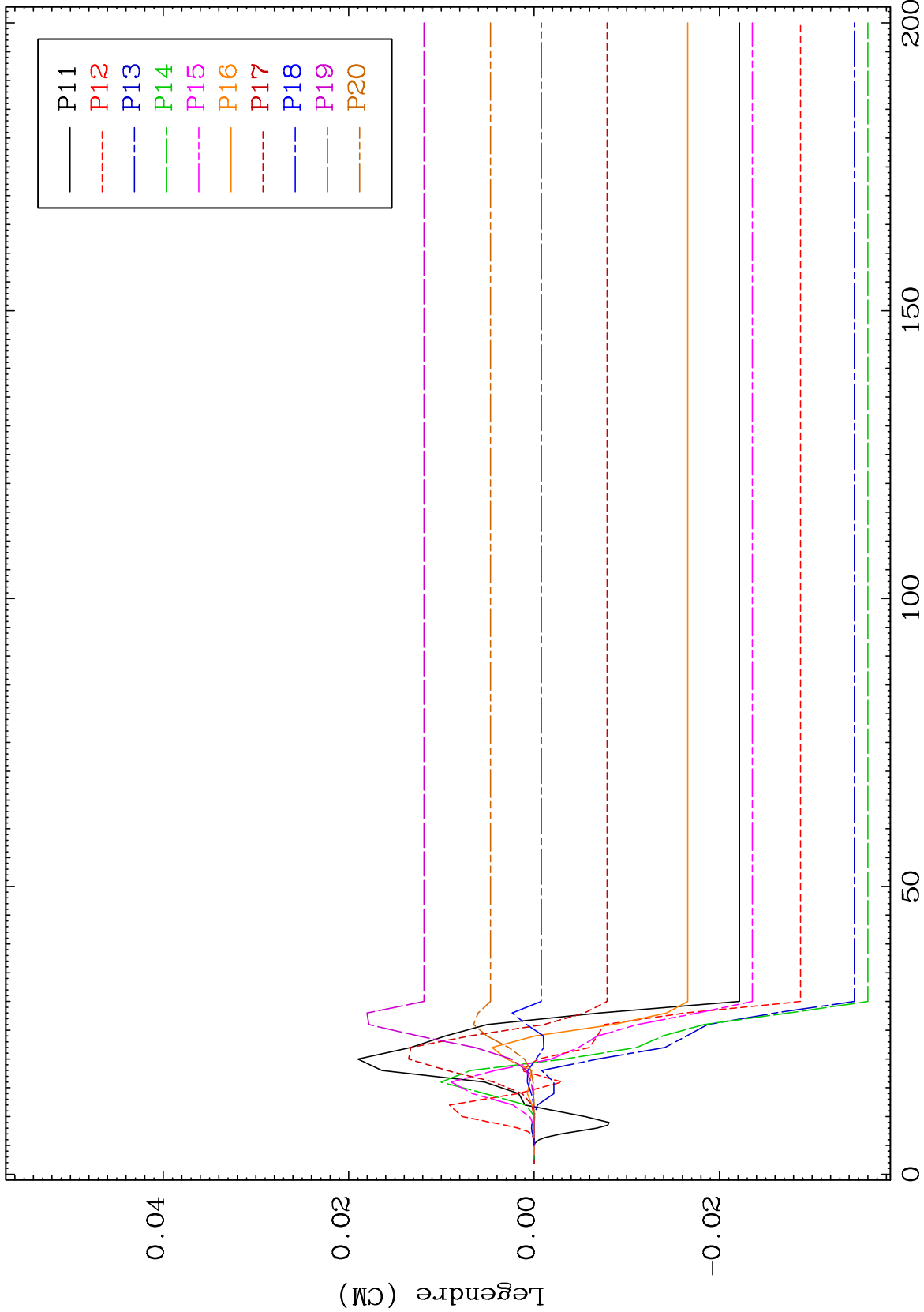
Incident Energy (MeV)

105

MAT 7852

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

78-Pt-199



106

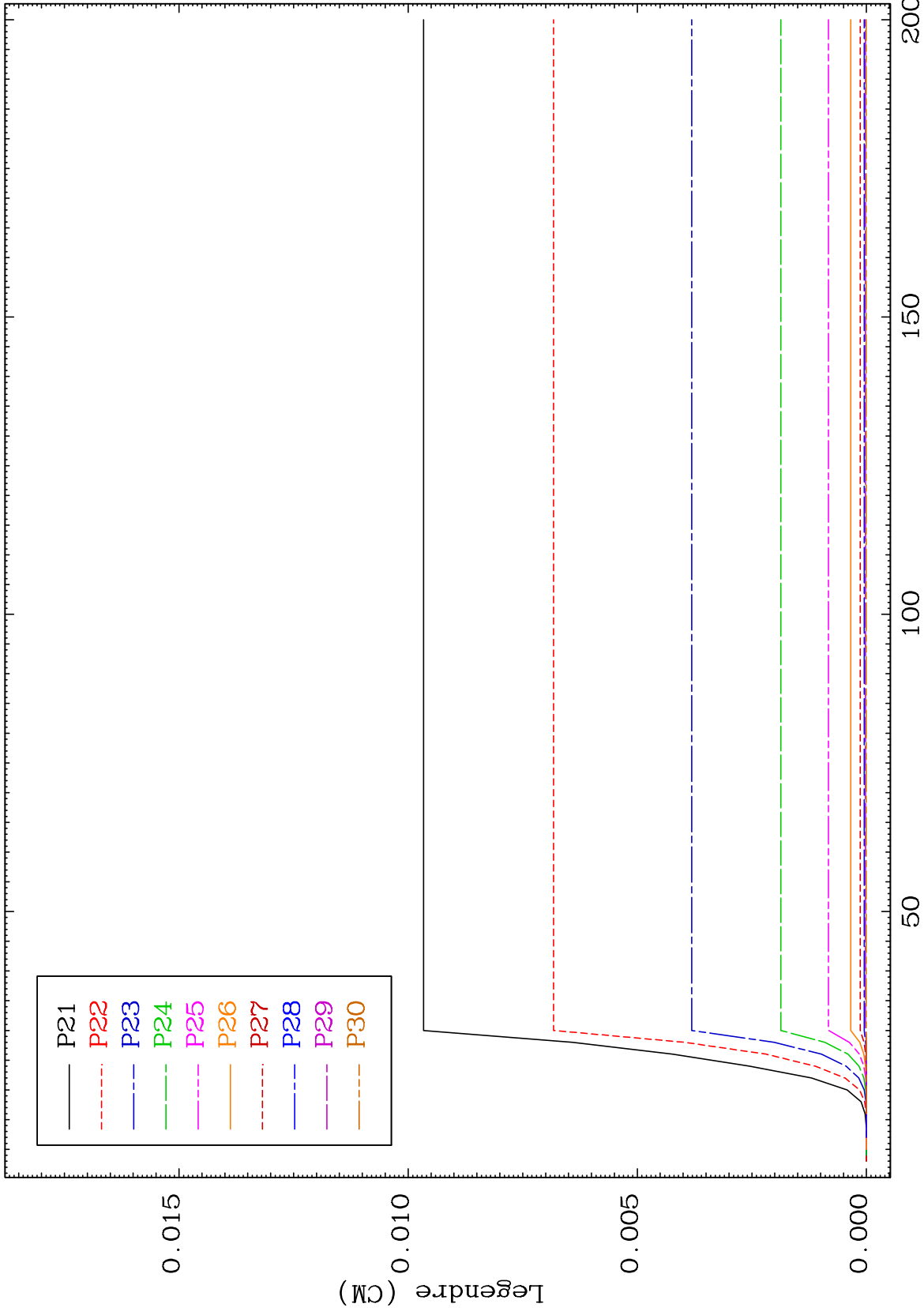
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



107

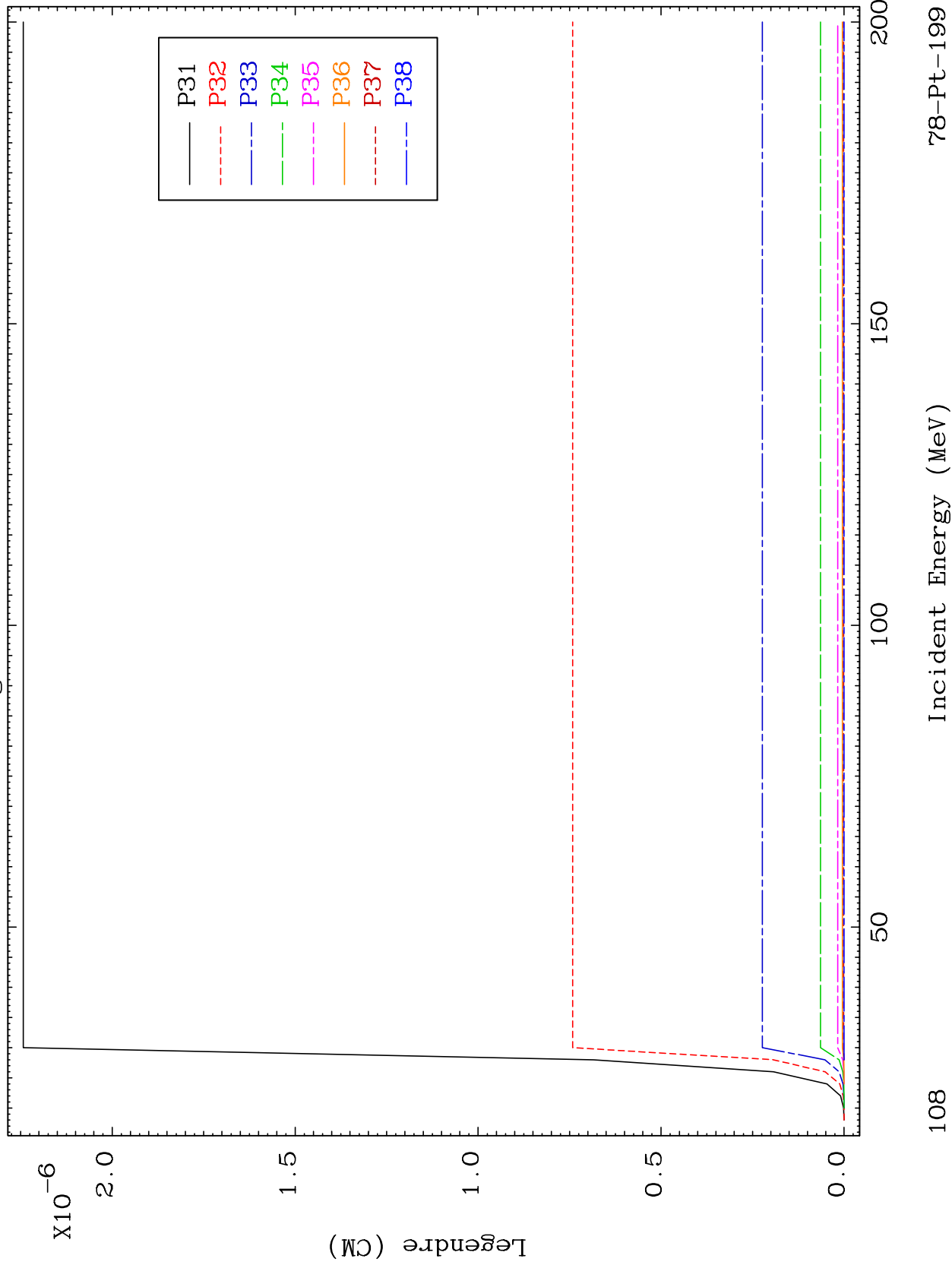
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



108

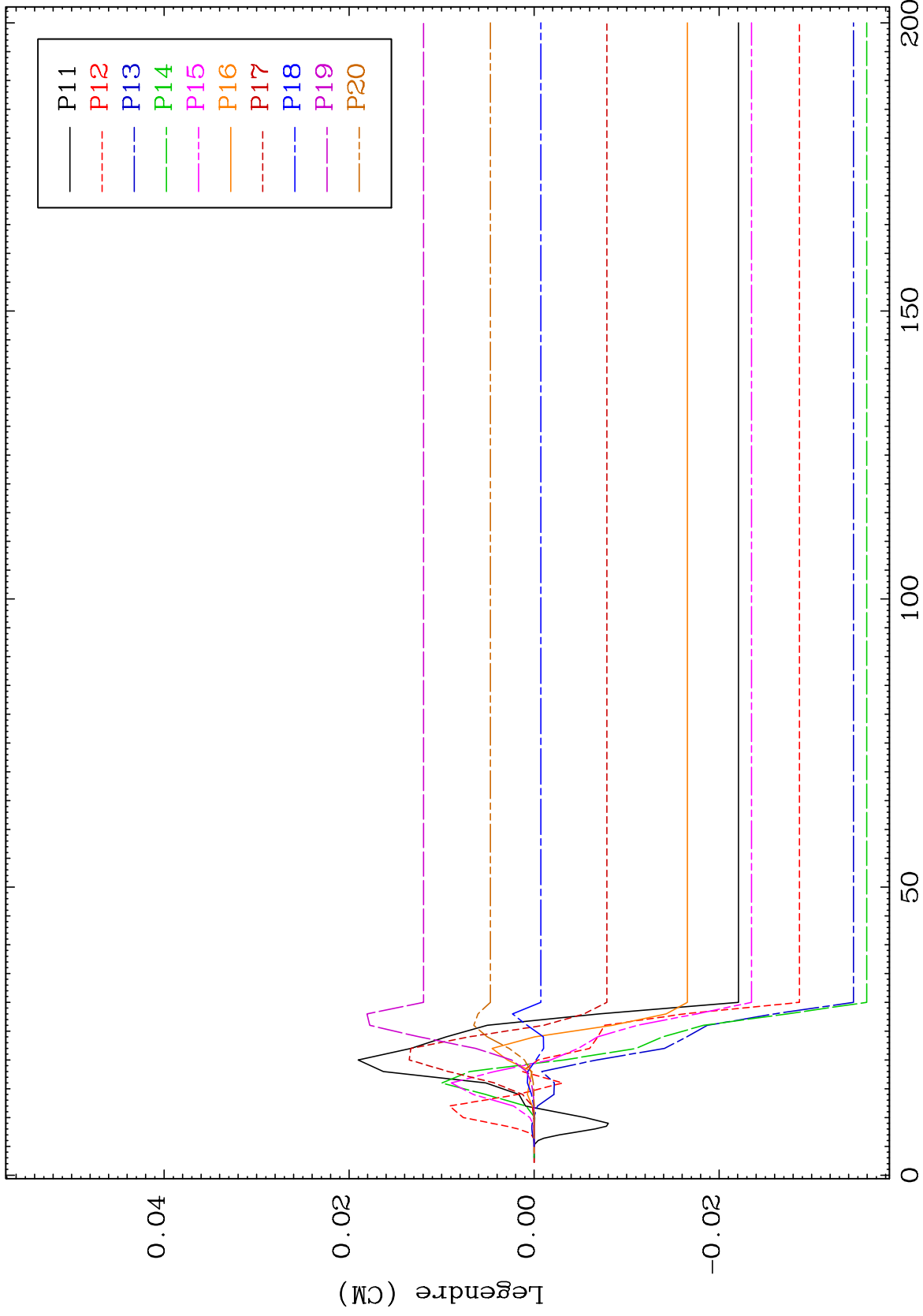
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



110

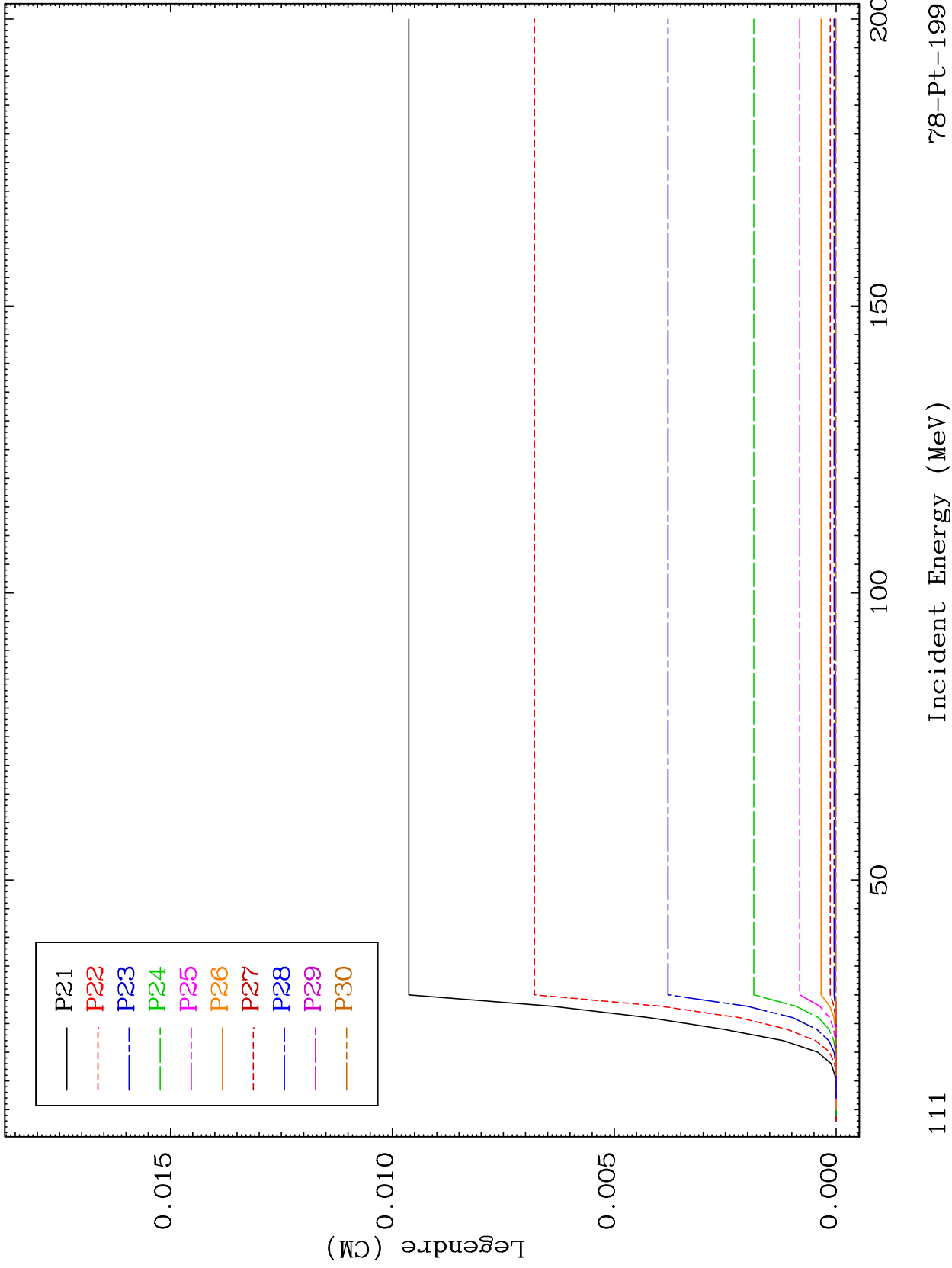
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



111

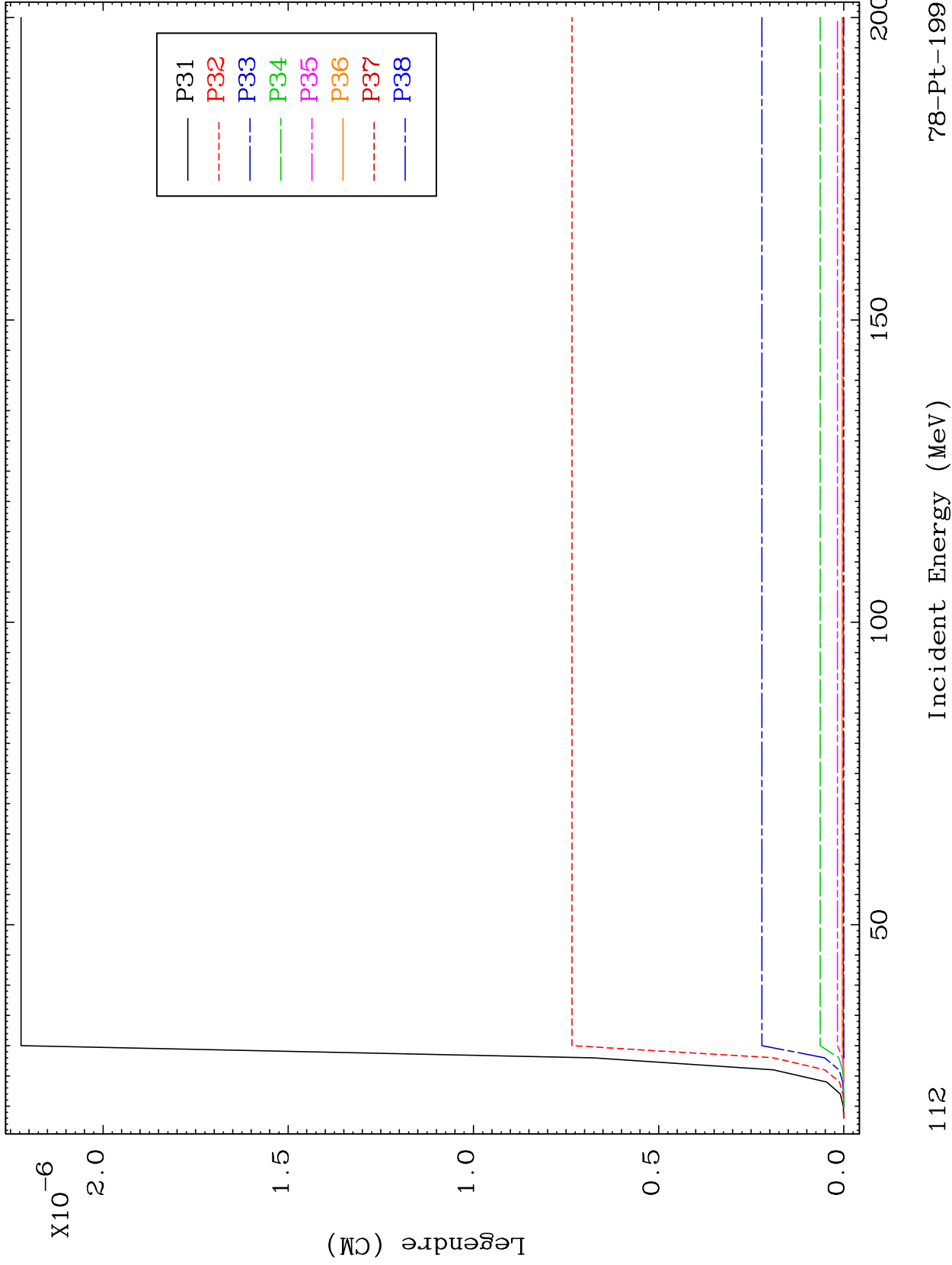
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199

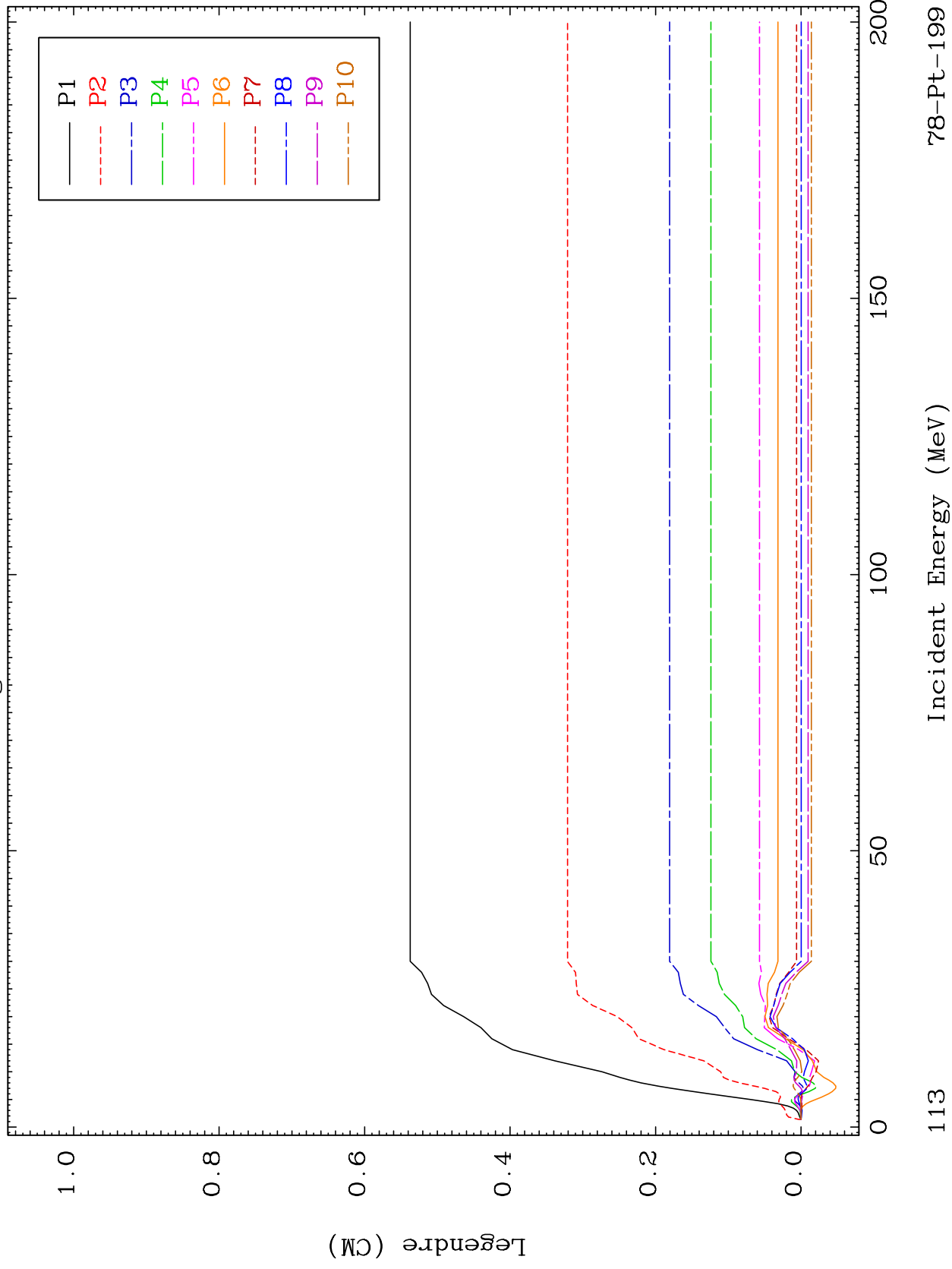


112

MAT 7852

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

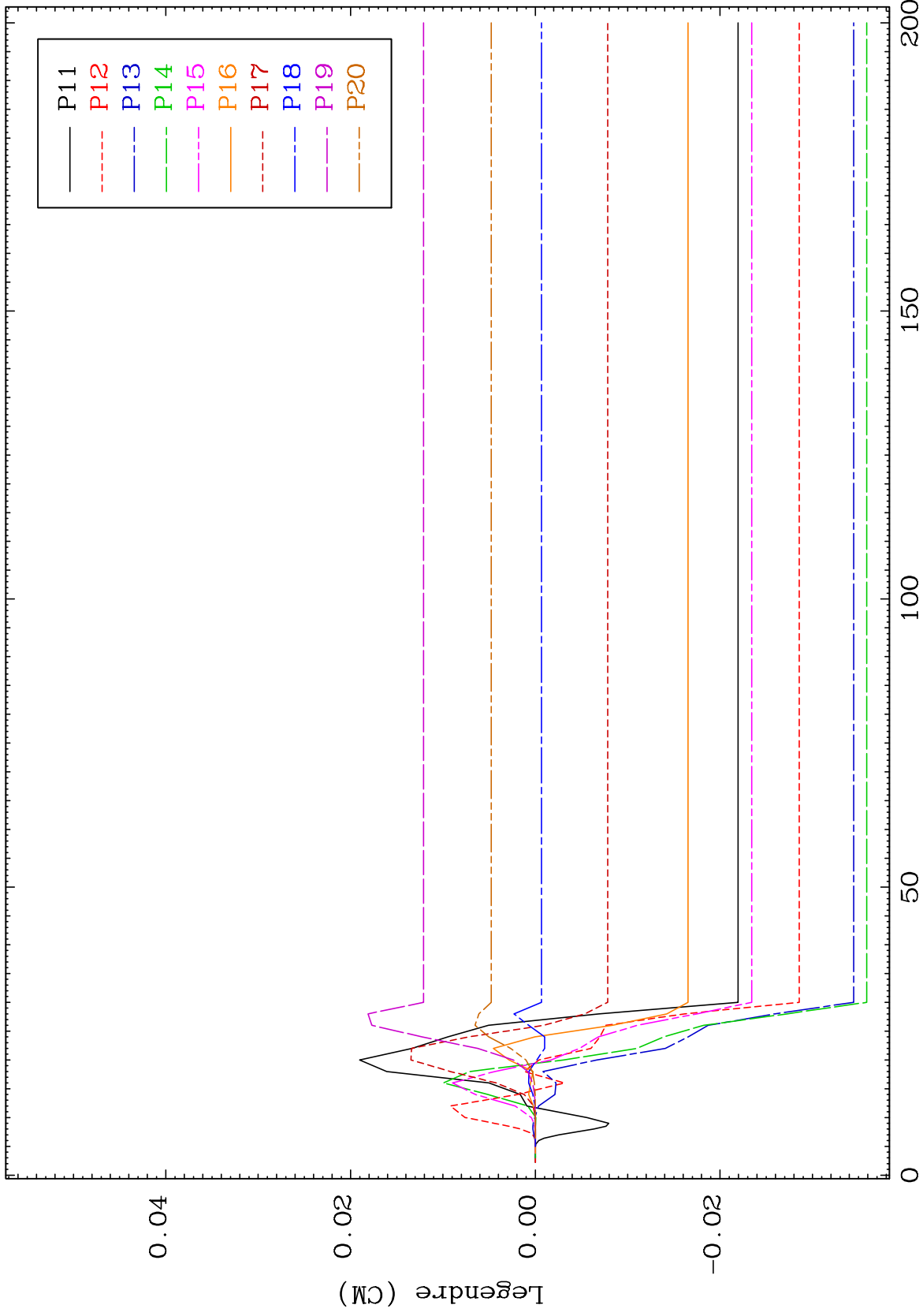
78-Pt-199



MAT 7852

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

78-Pt-199



114

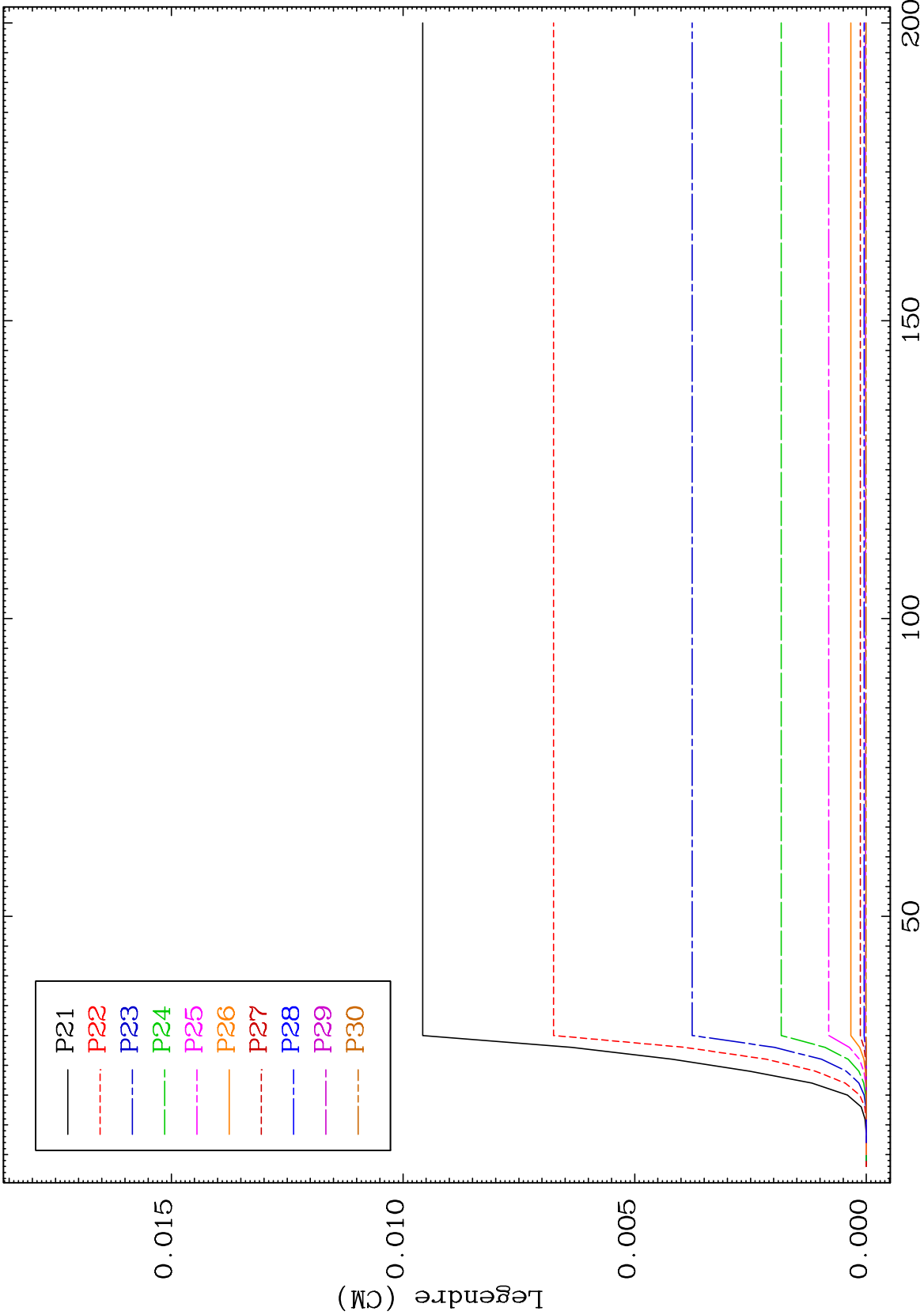
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



115

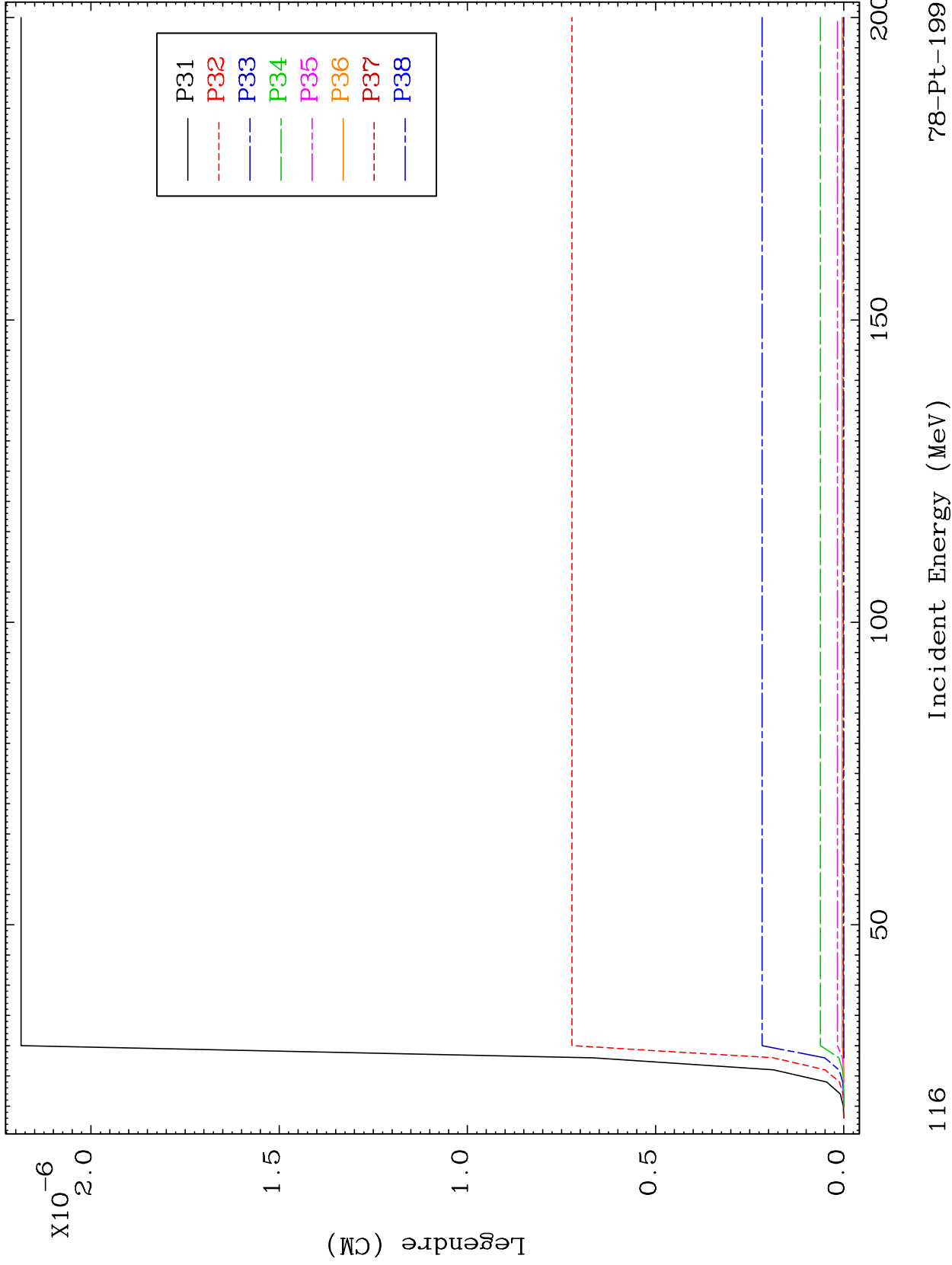
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199

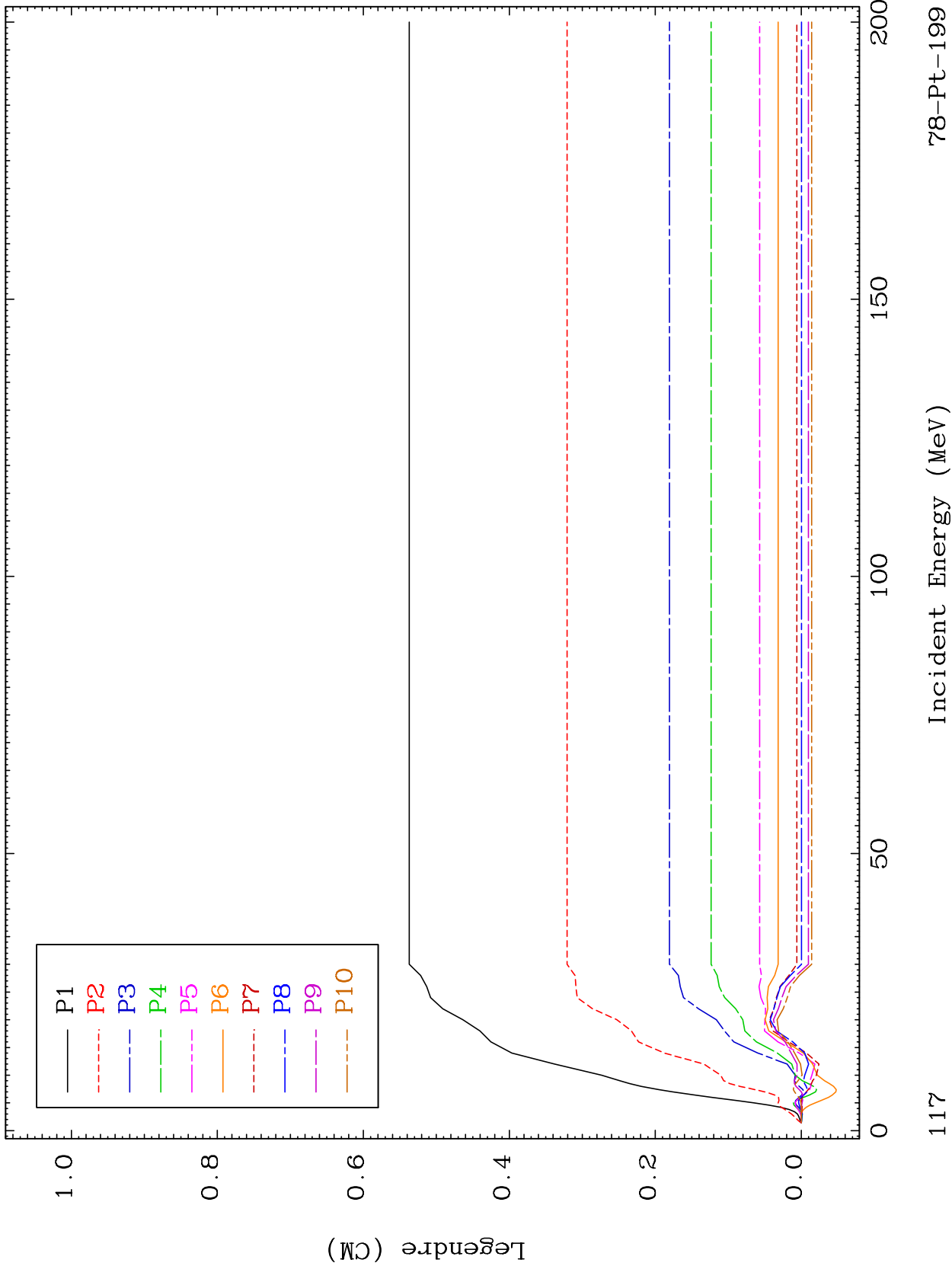


116

MAT 7852

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

78-Pt-199

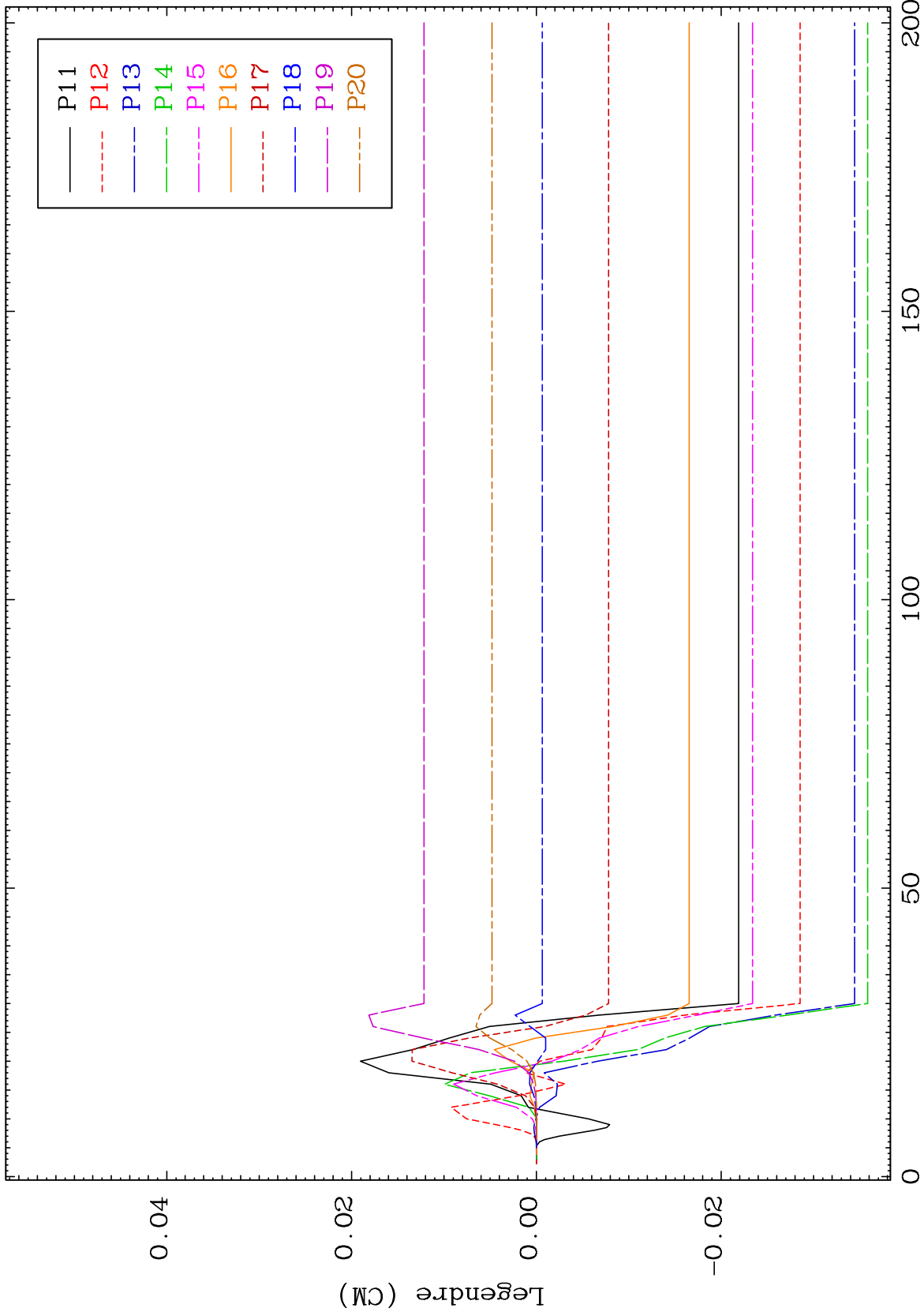


117

MAT 7852

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

78-Pt-199



118

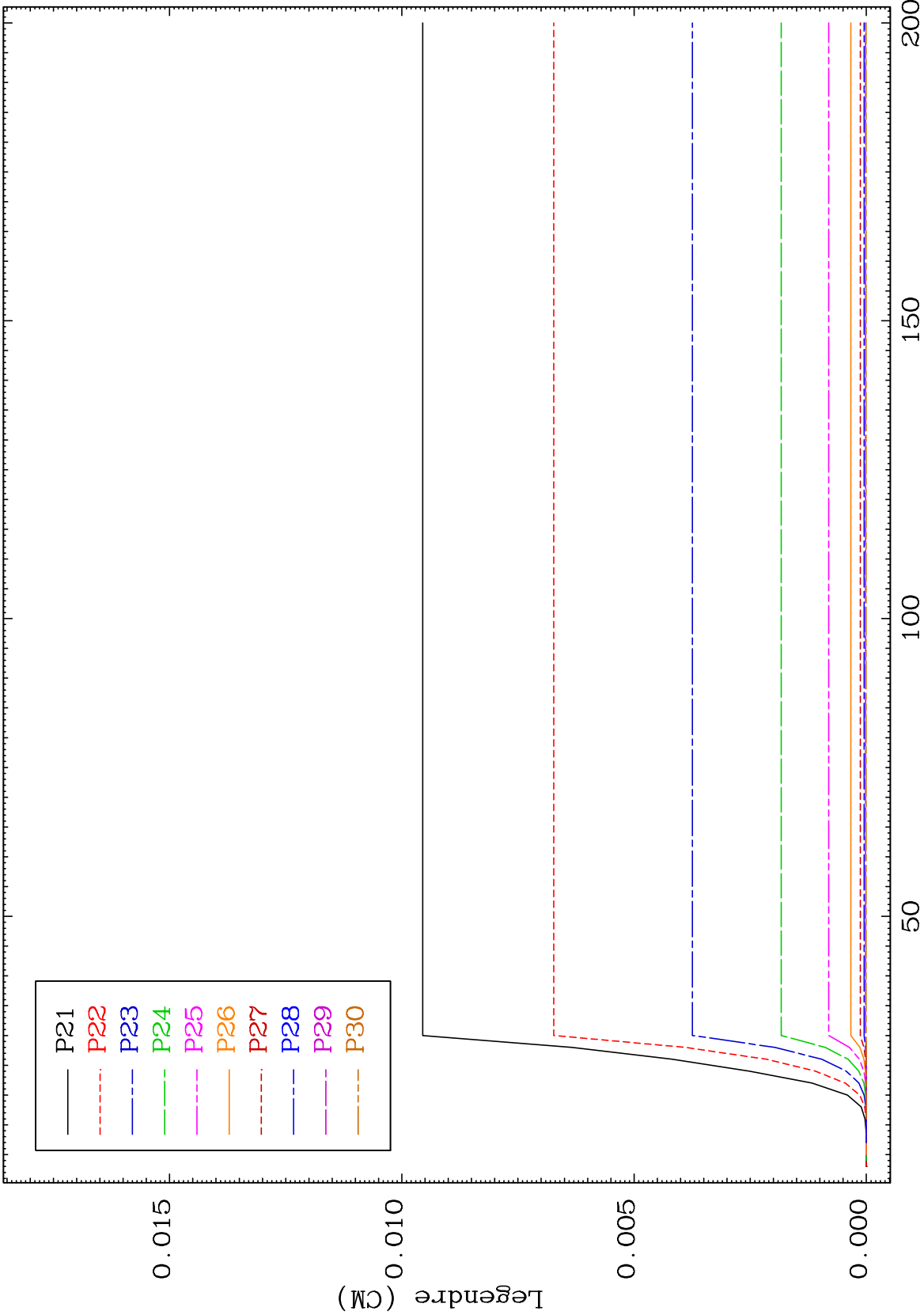
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



119

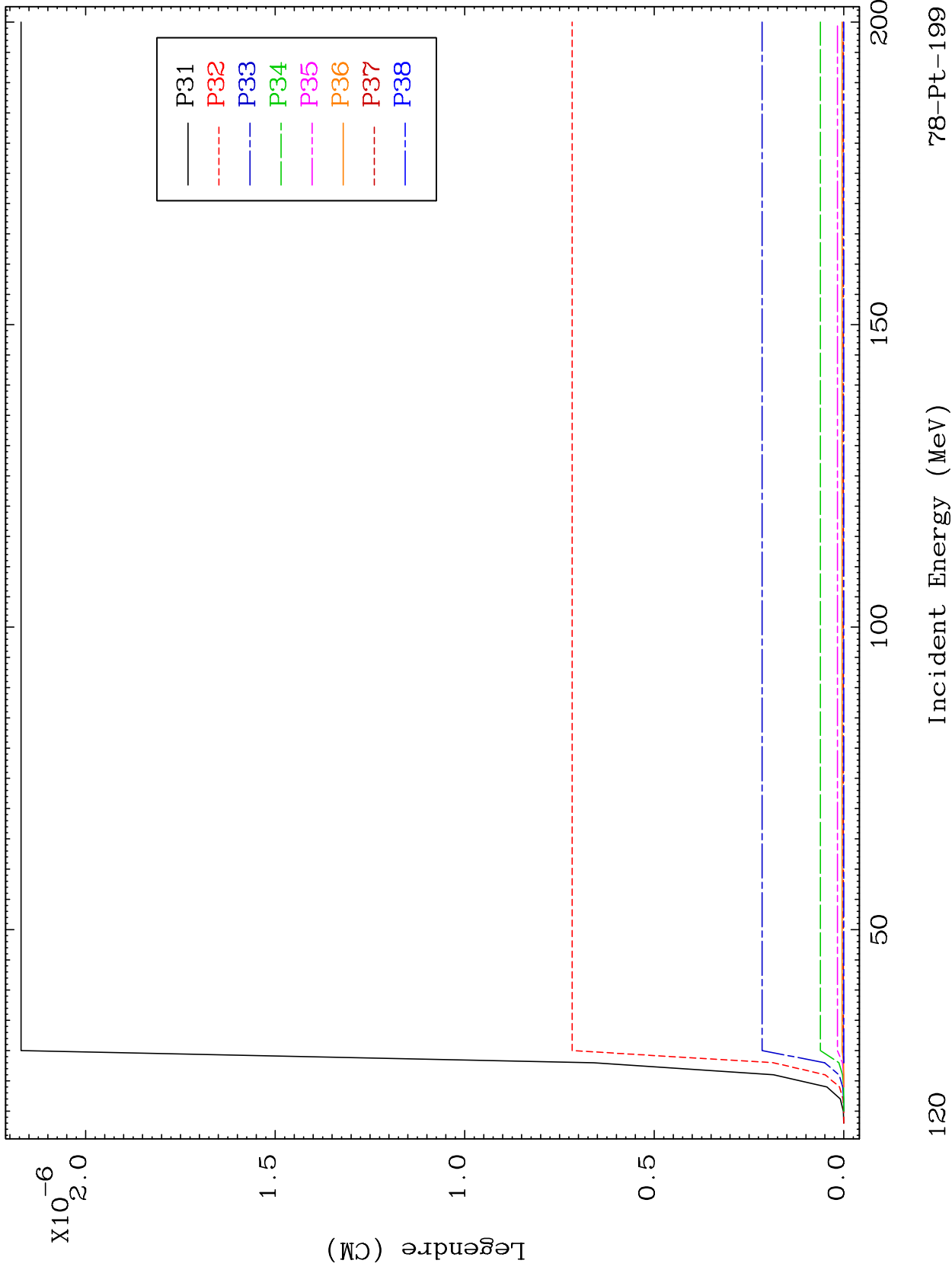
Incident Energy (MeV)

78-Pt-199

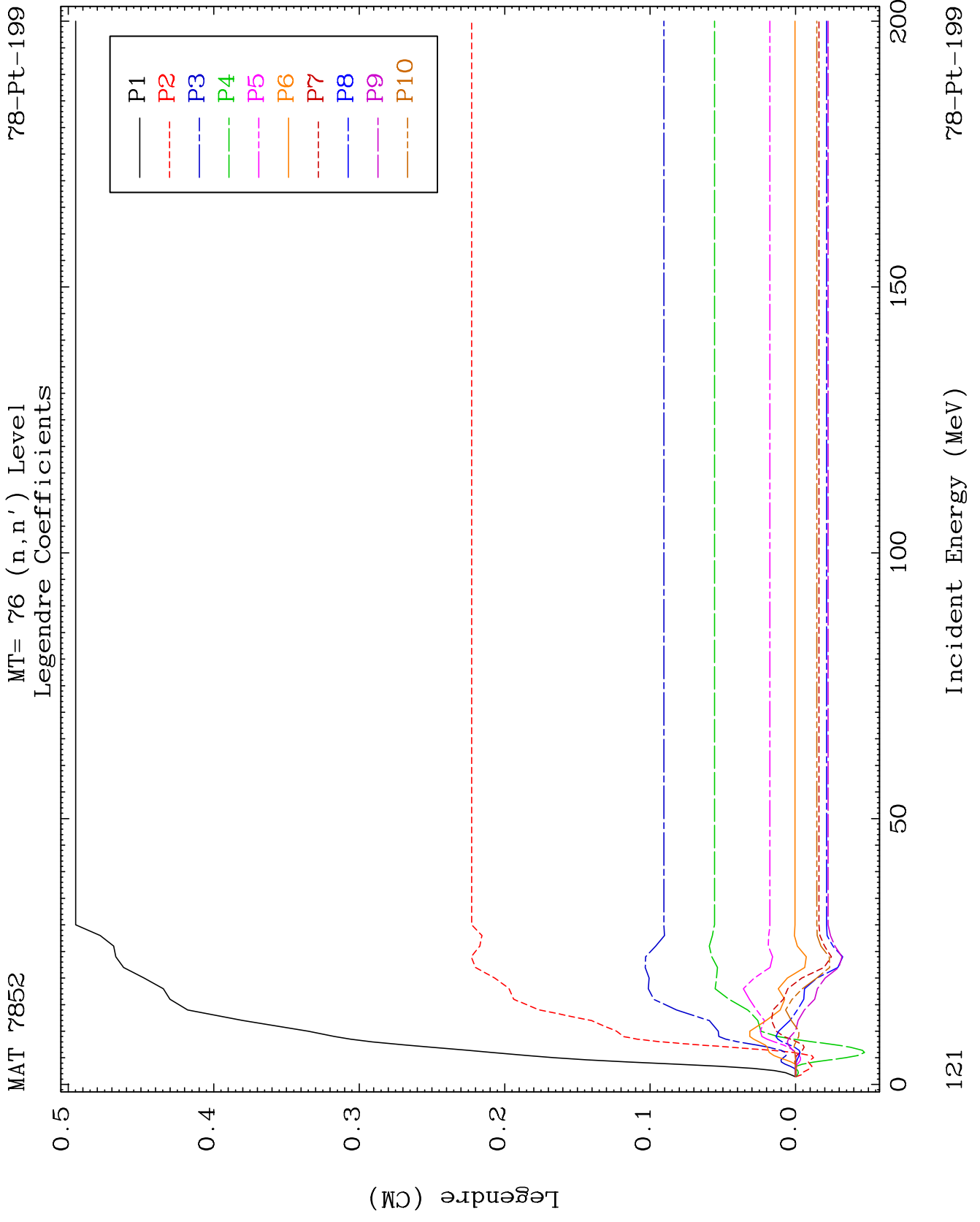
MAT 7852

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

78-Pt-199



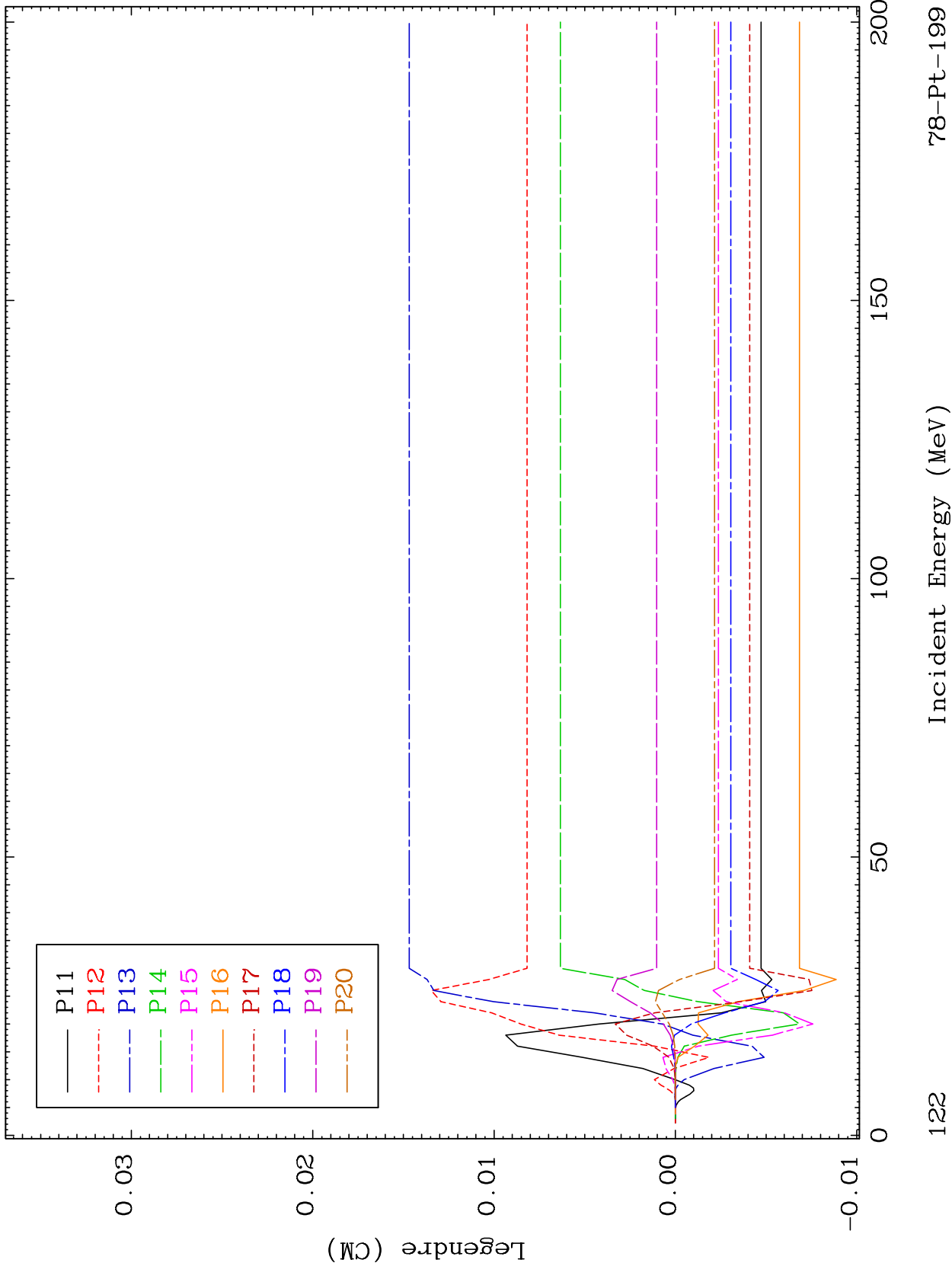
78-Pt-199



MAT 7852

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

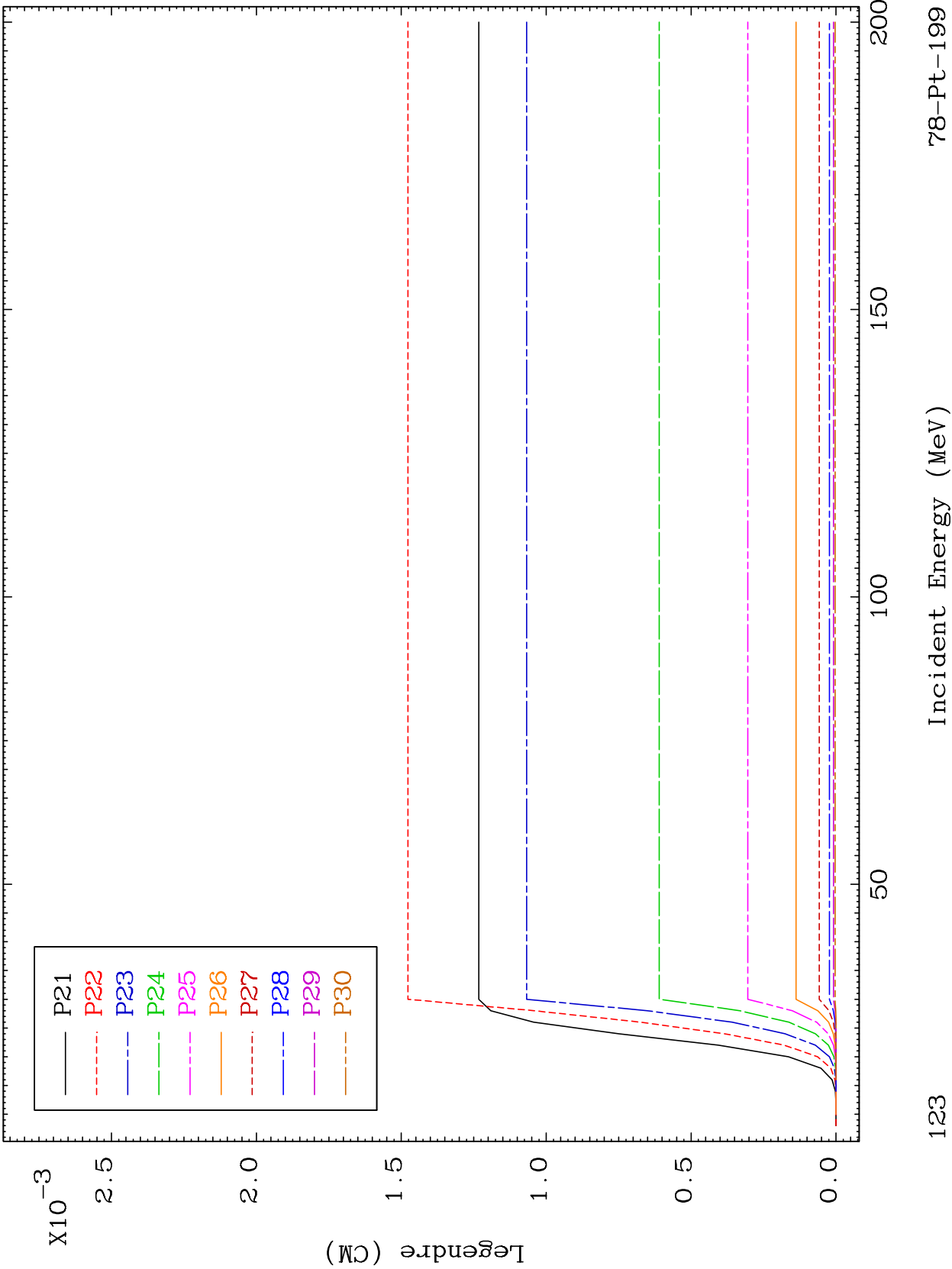
78-Pt-199



122

Incident Energy (MeV)

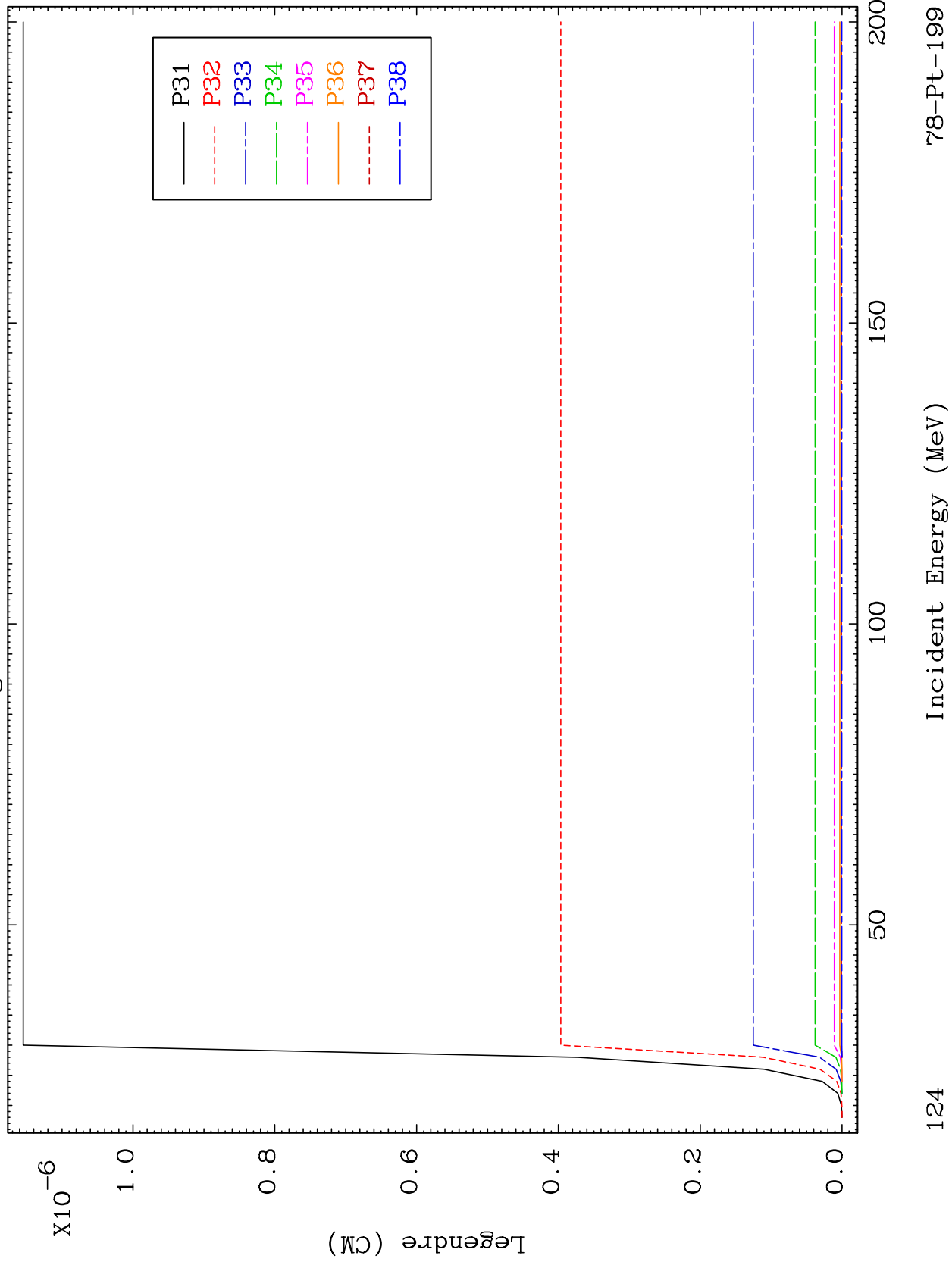
78-Pt-199



MAT 7852

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

78-Pt-199



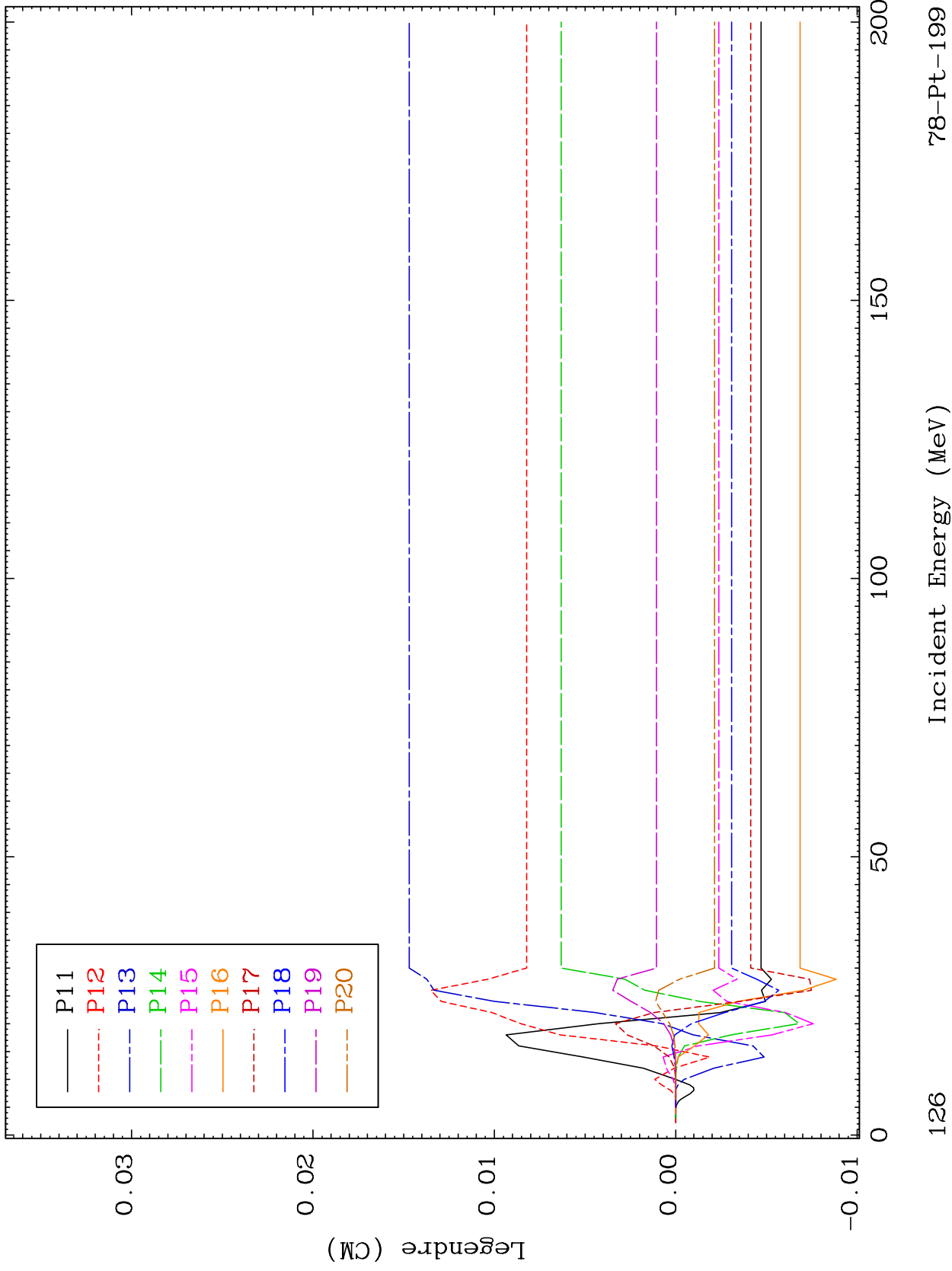
124

78-Pt-199

MAT 7852

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

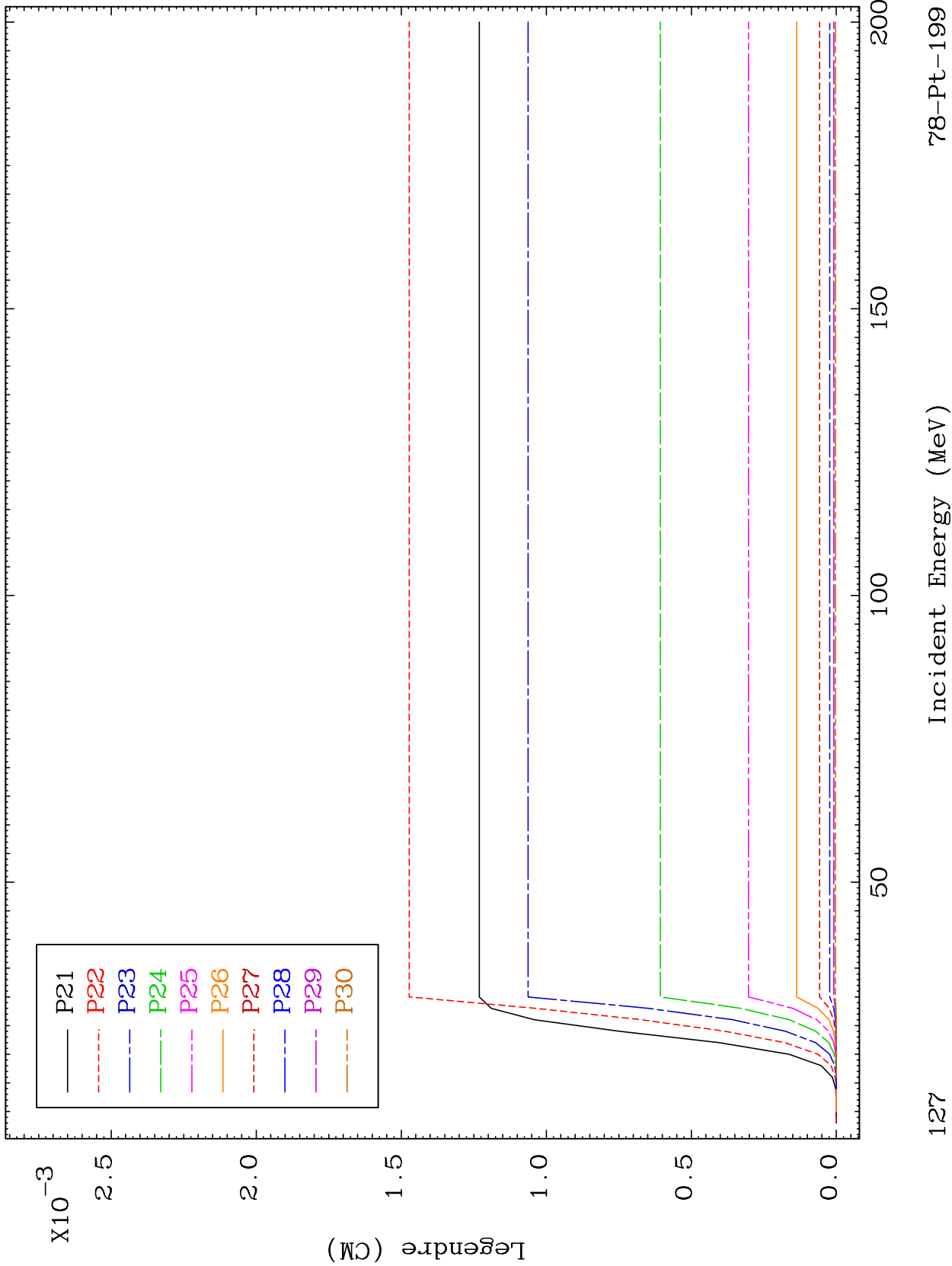
78-Pt-199



126

Incident Energy (MeV)

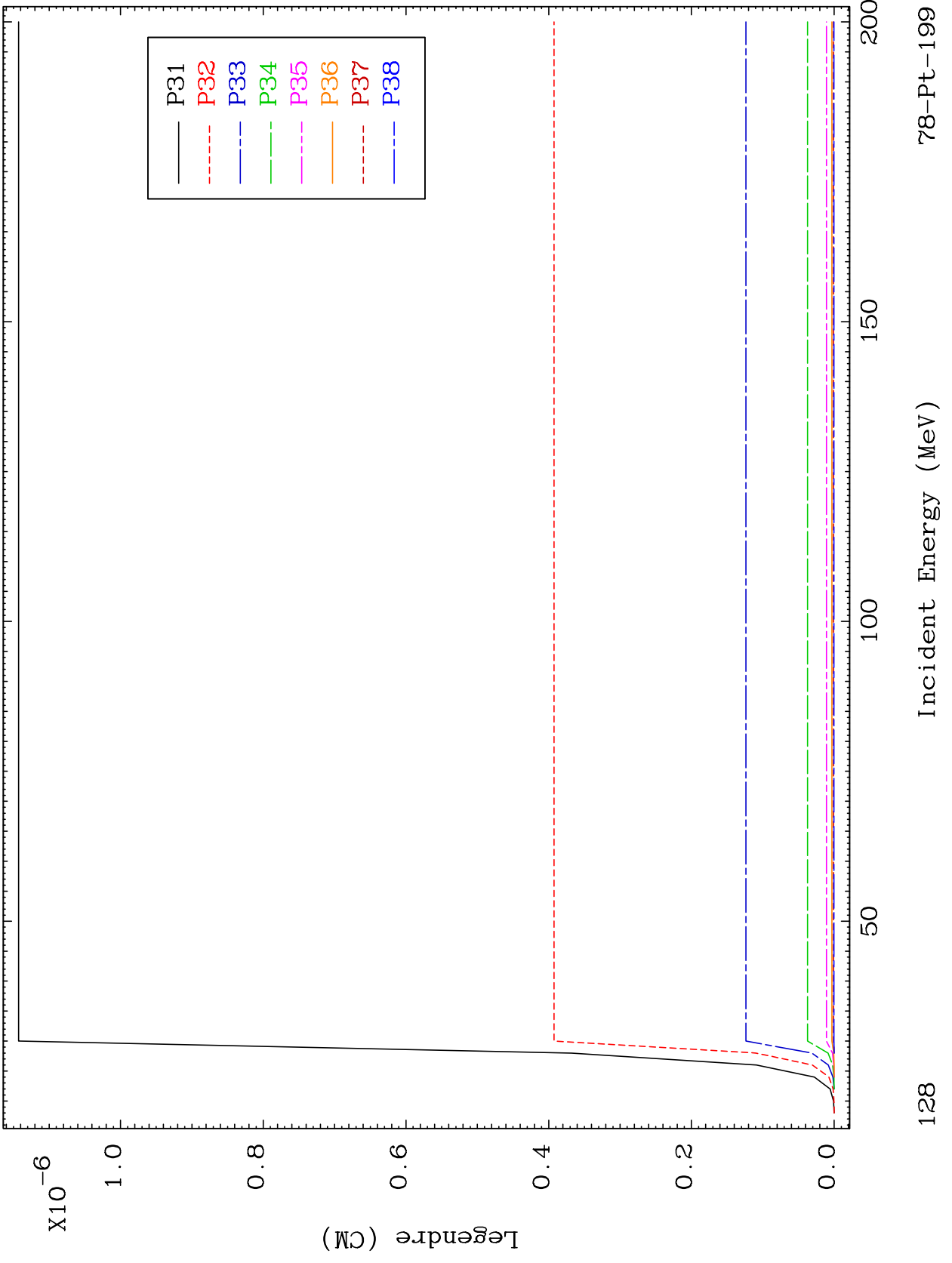
78-Pt-199

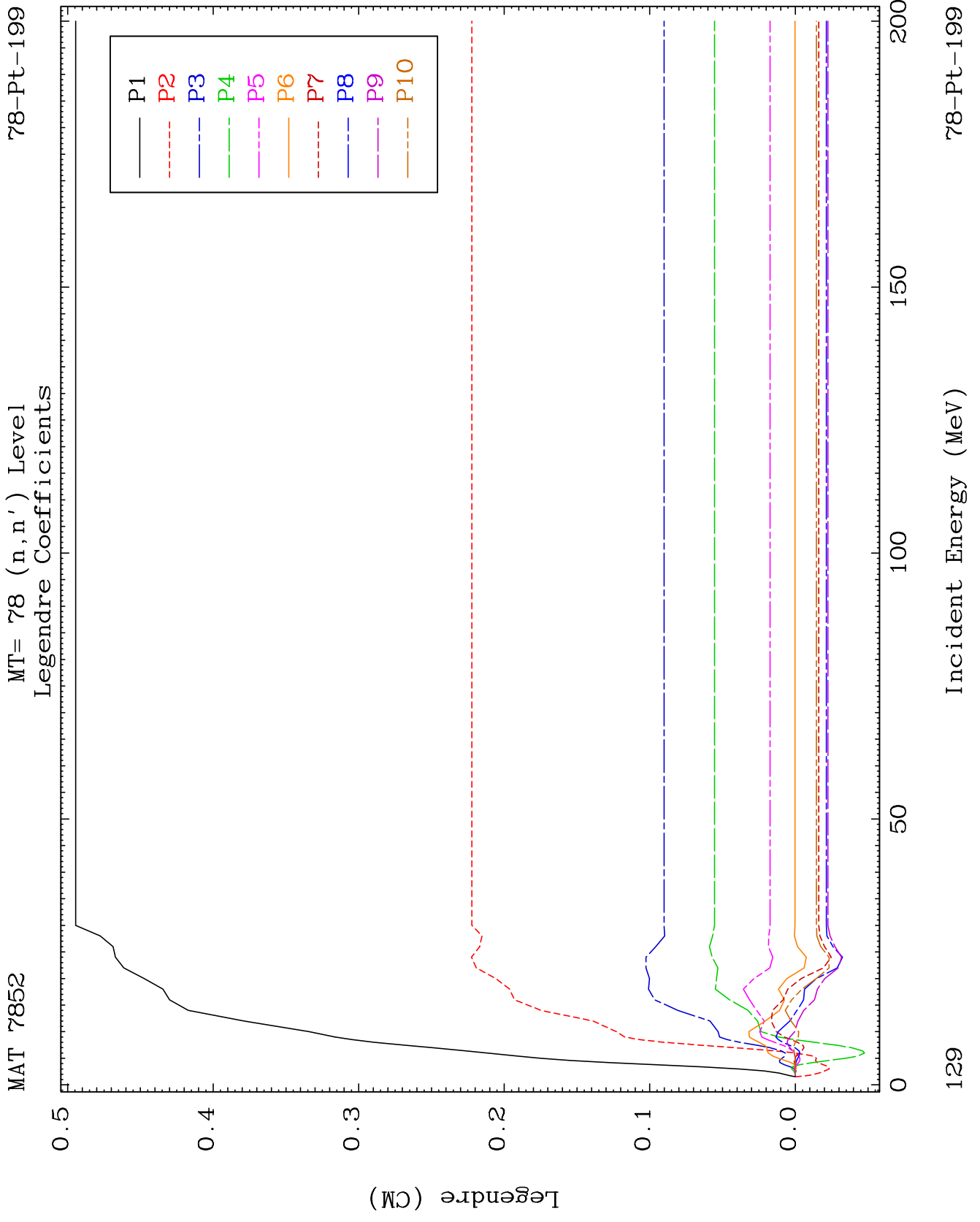


MAT 7852

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

78-Pt-199

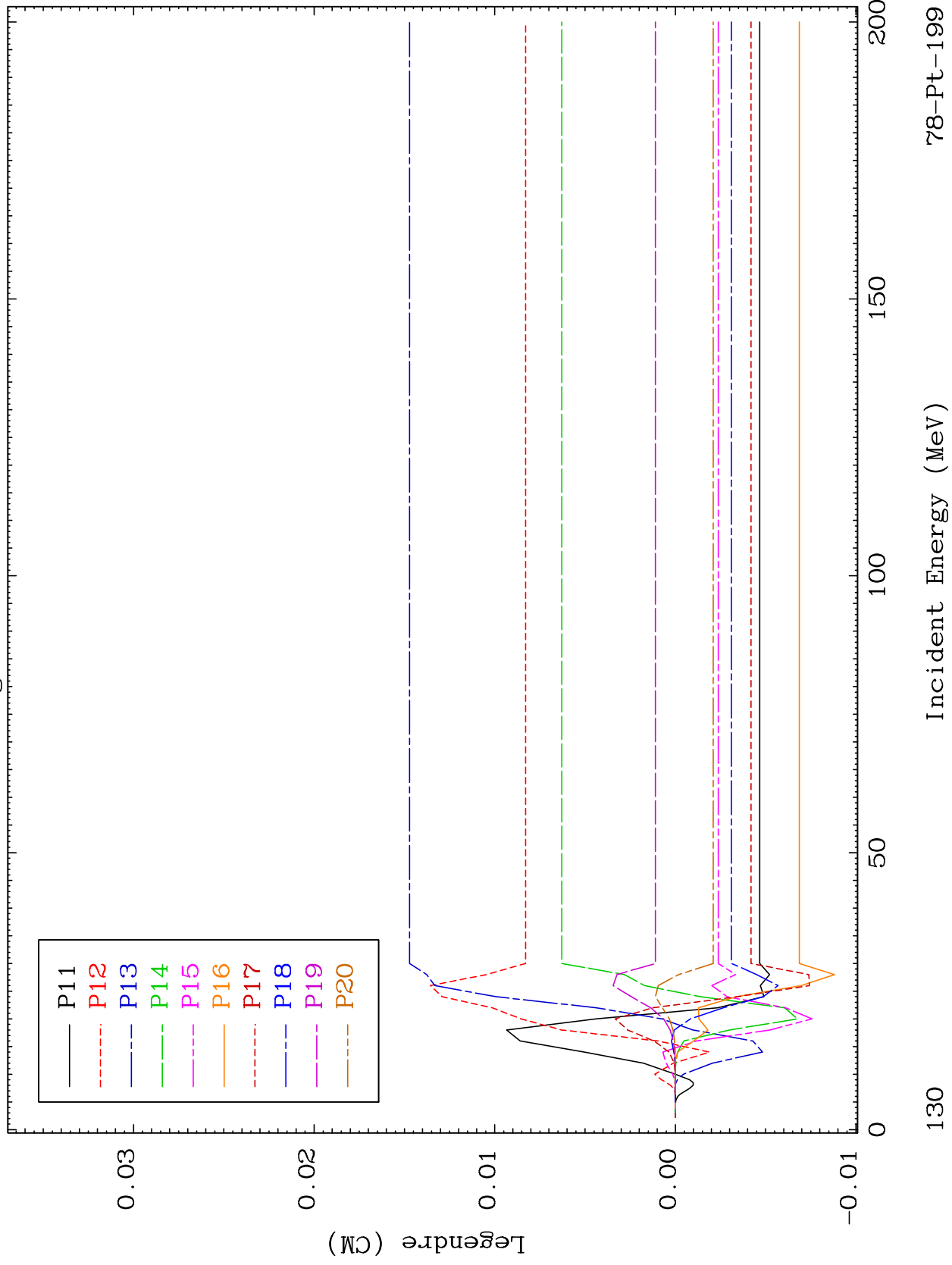




MAT 7852

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

78-Pt-199



78-Pt-199

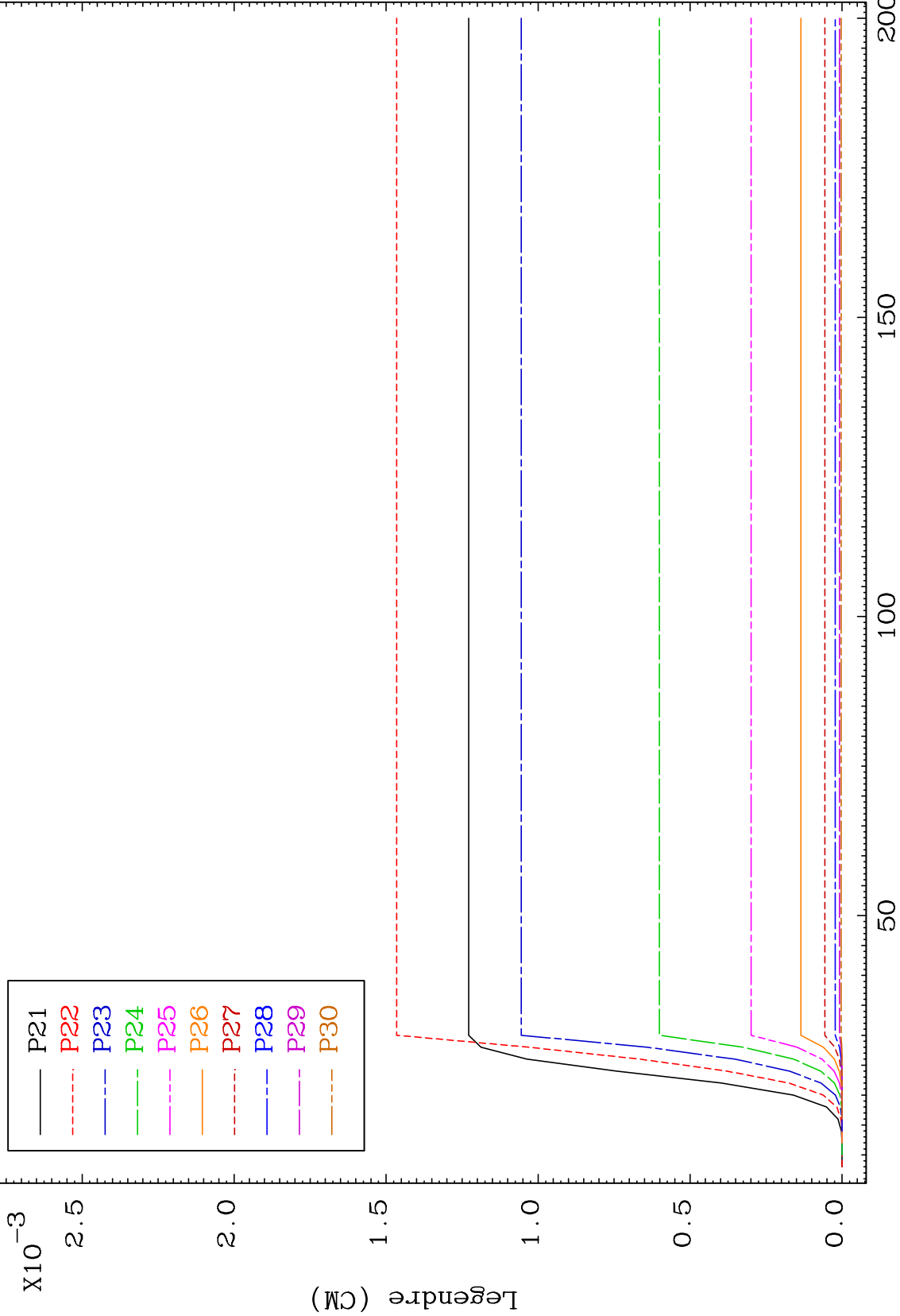
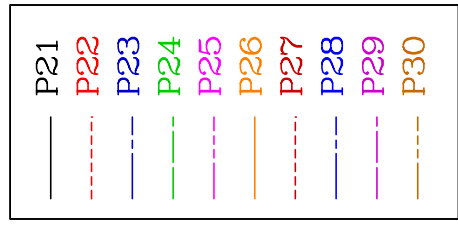
Incident Energy (MeV)

130

MAT 7852

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

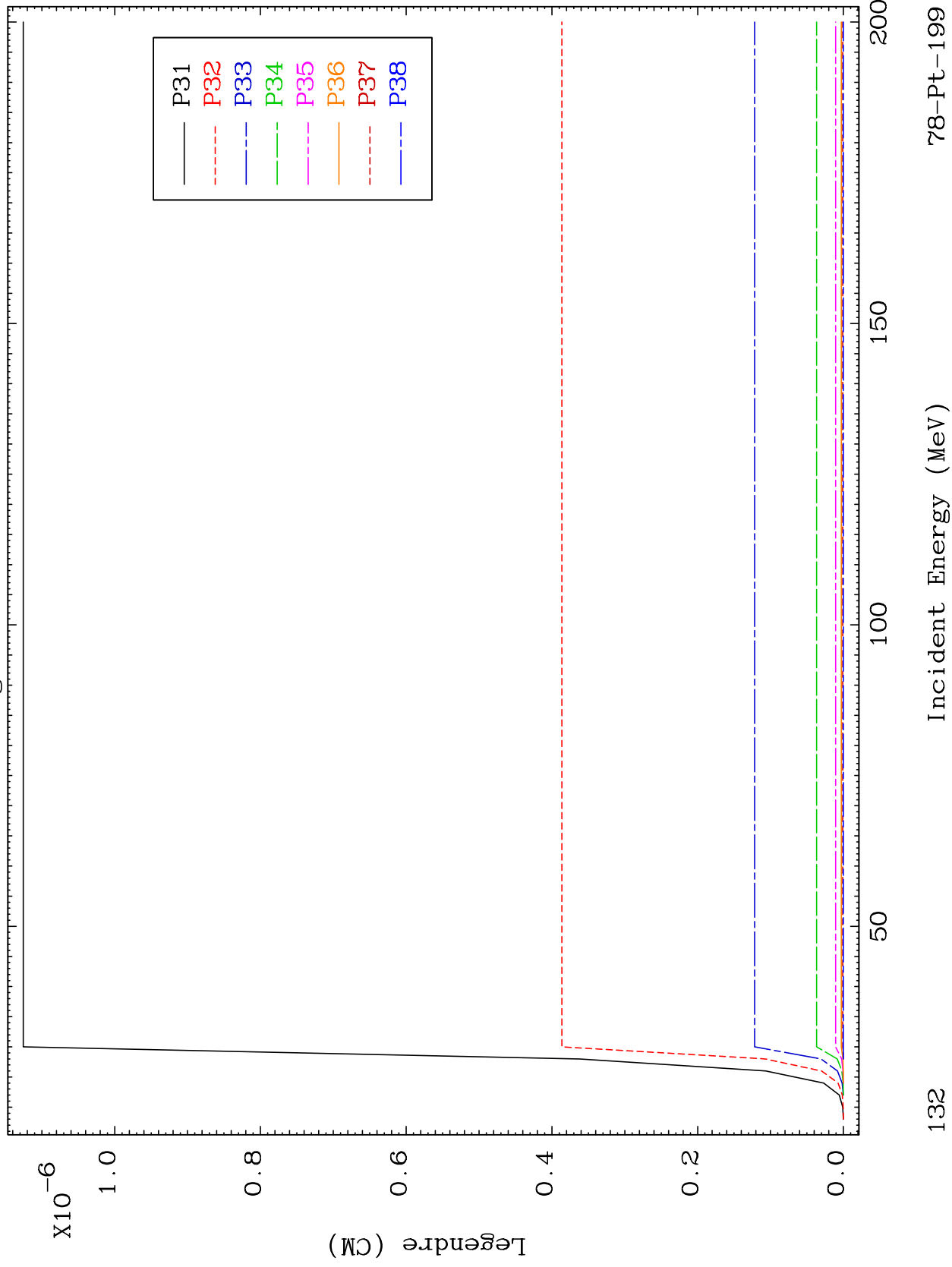
78-Pt-199



MAT 7852

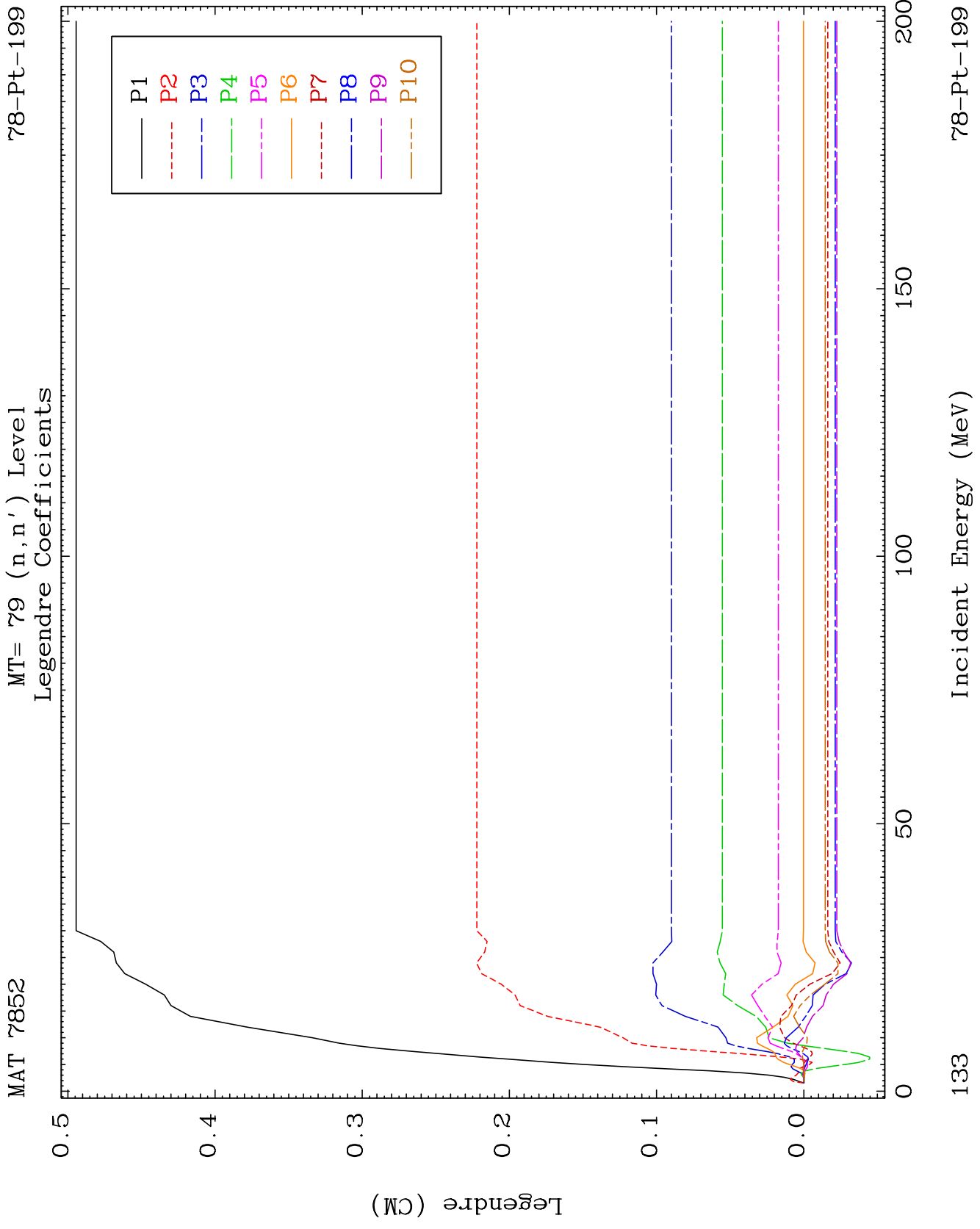
MT= 78 (n,n') Level
Legendre Coefficients

78-Pt-199



132

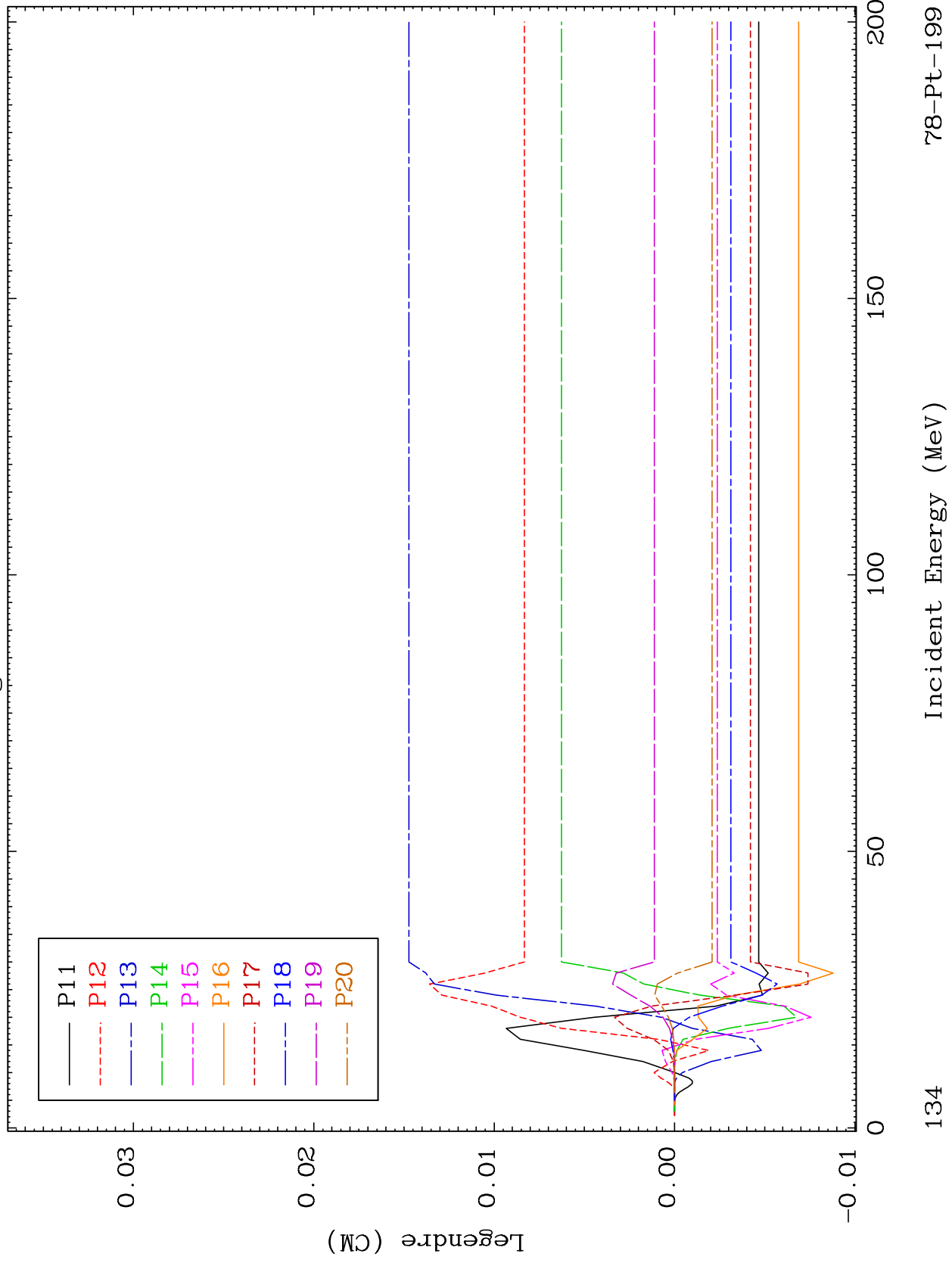
78-Pt-199



MAT 7852

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

78-Pt-199



134

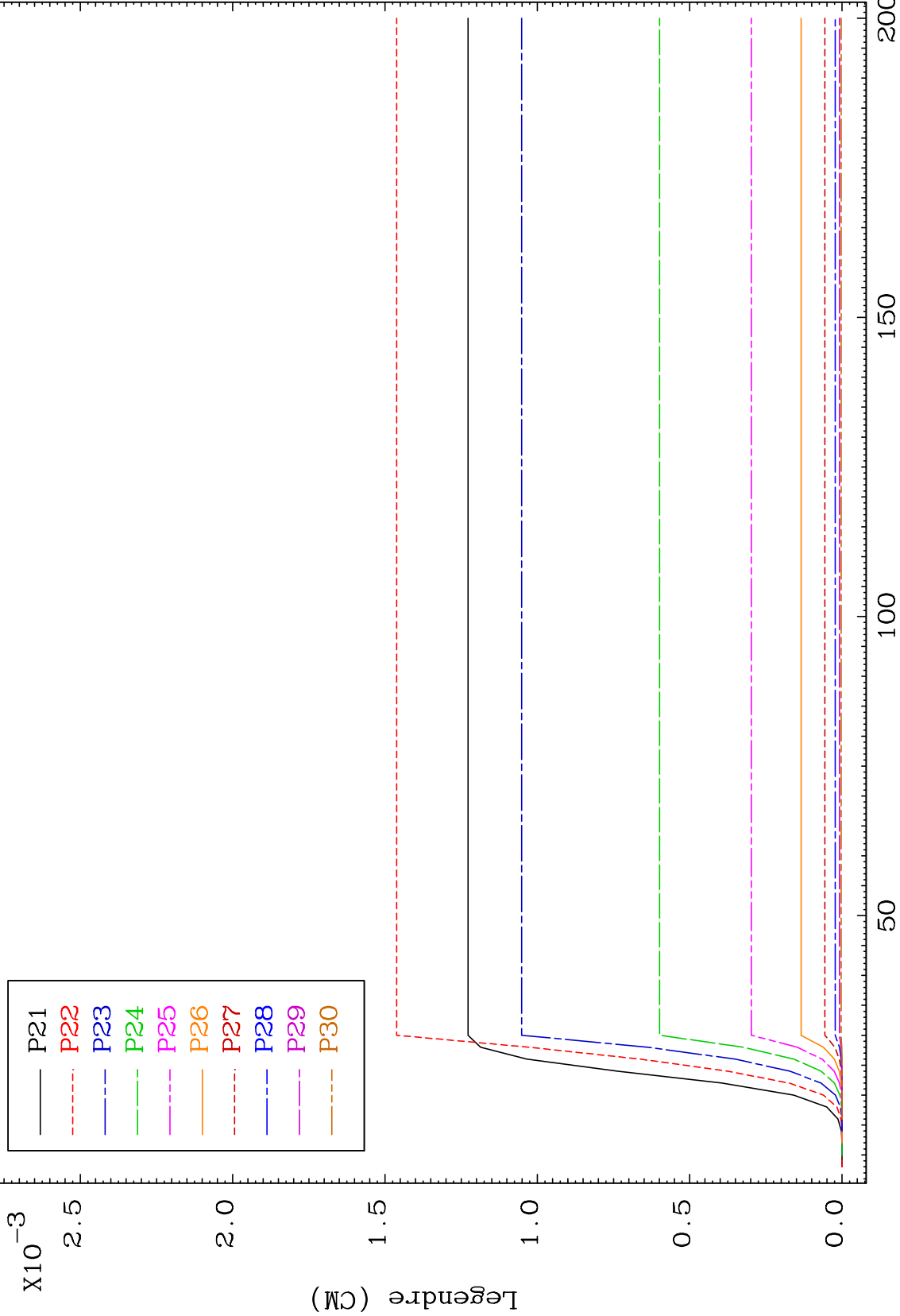
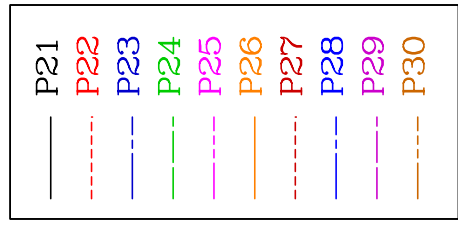
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



135

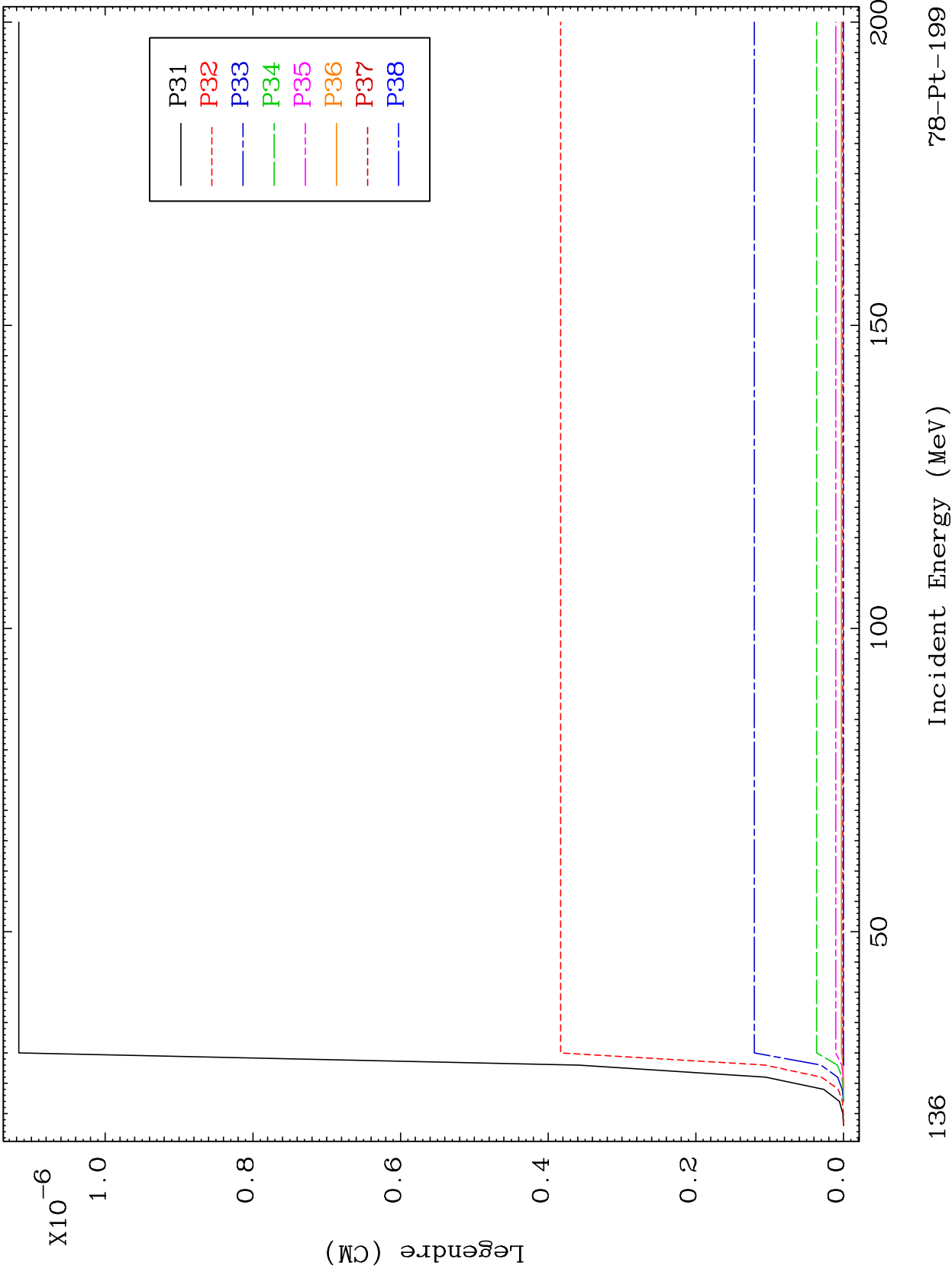
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



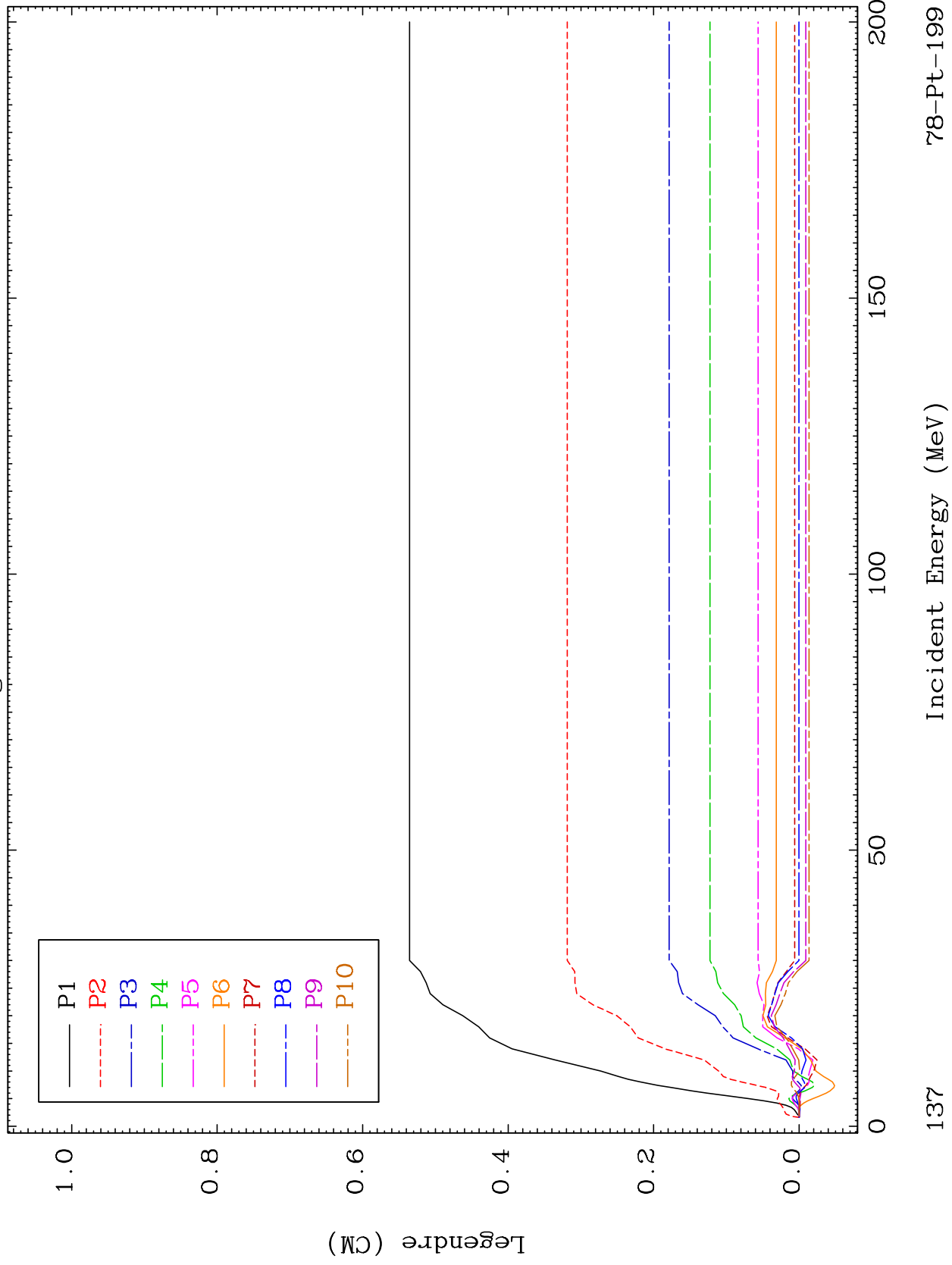
136

78-Pt-199

MAT 7852

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

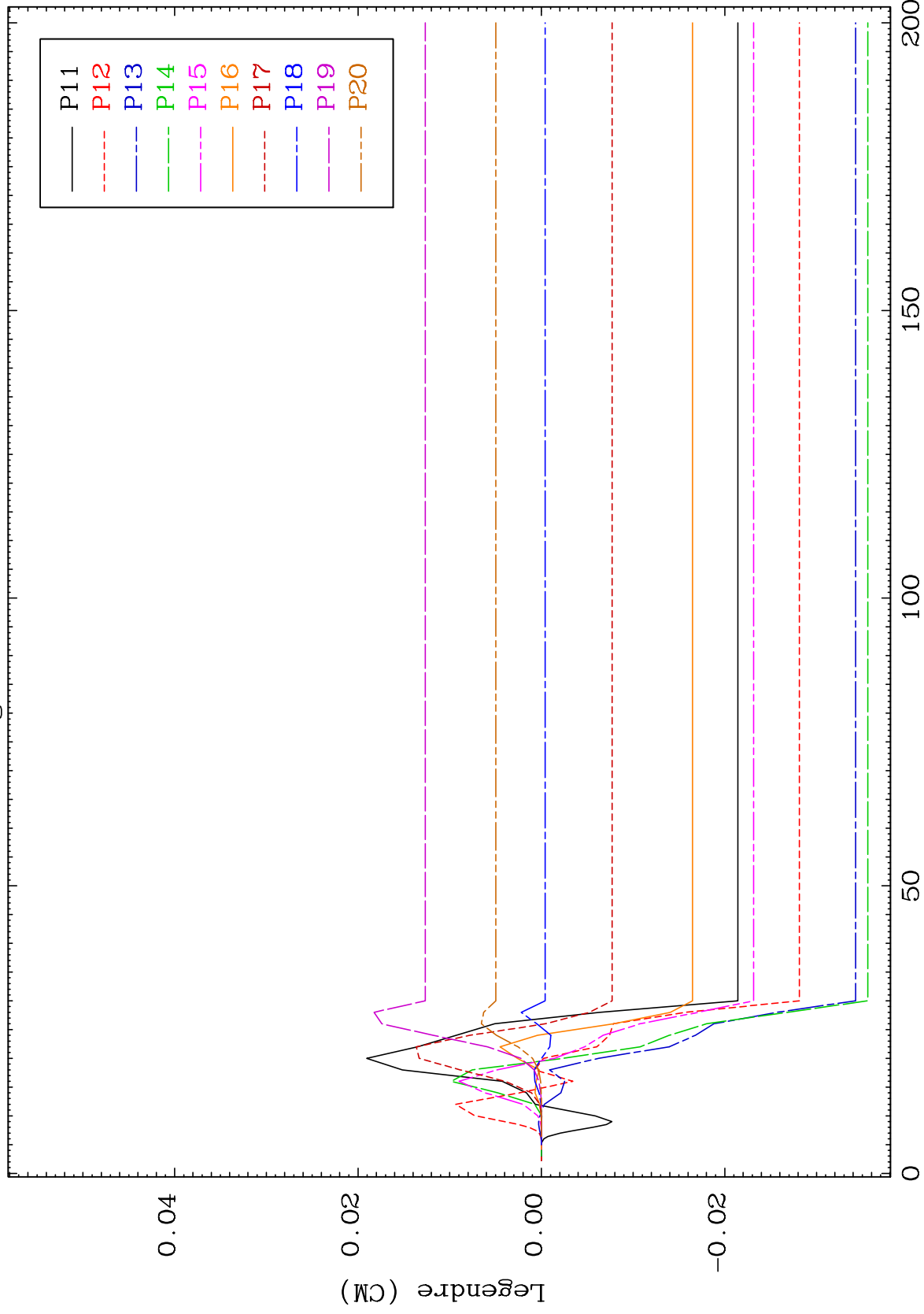
78-Pt-199



MAT 7852

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

78-Pt-199



138

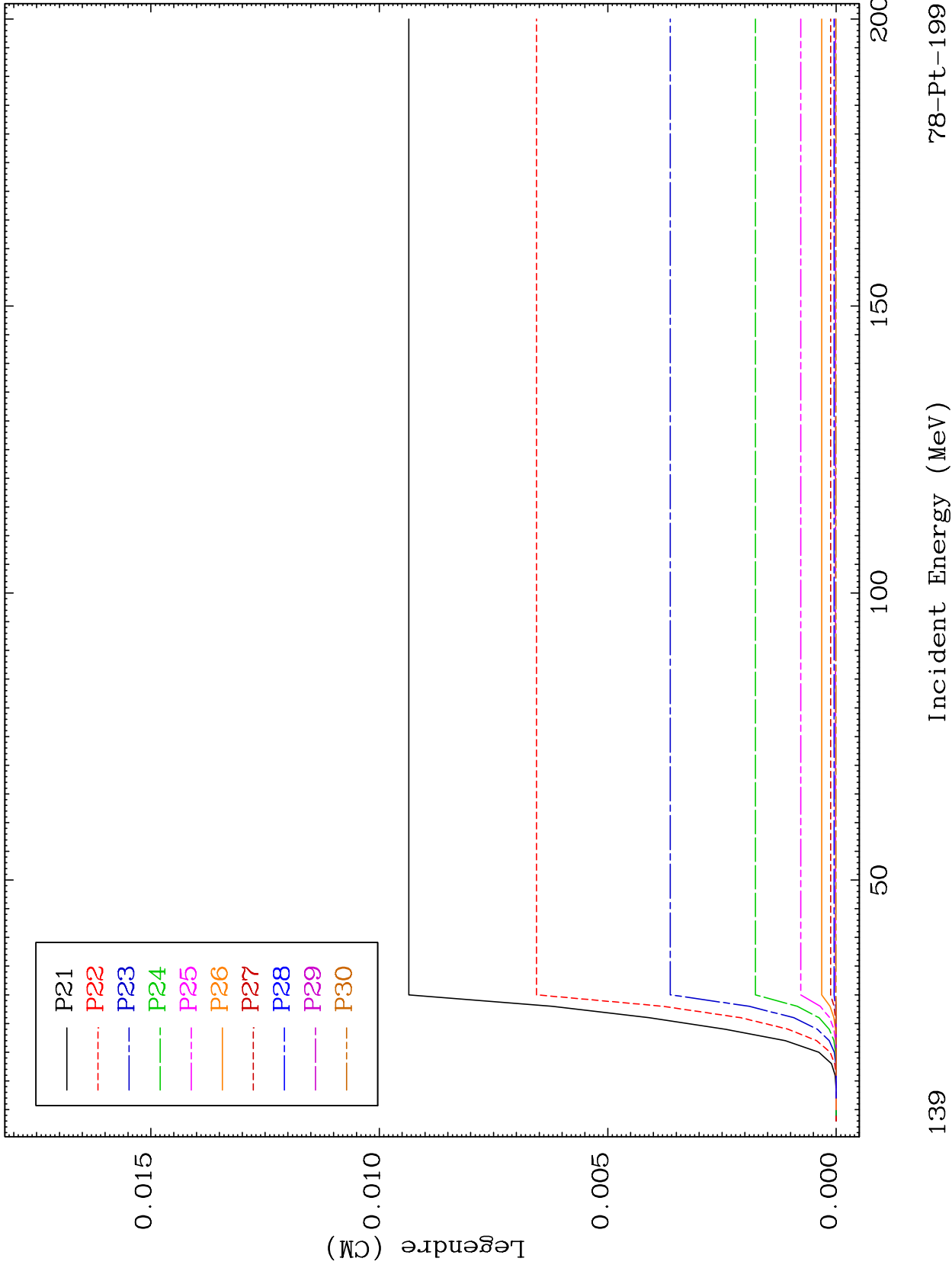
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

78-Pt-199



139

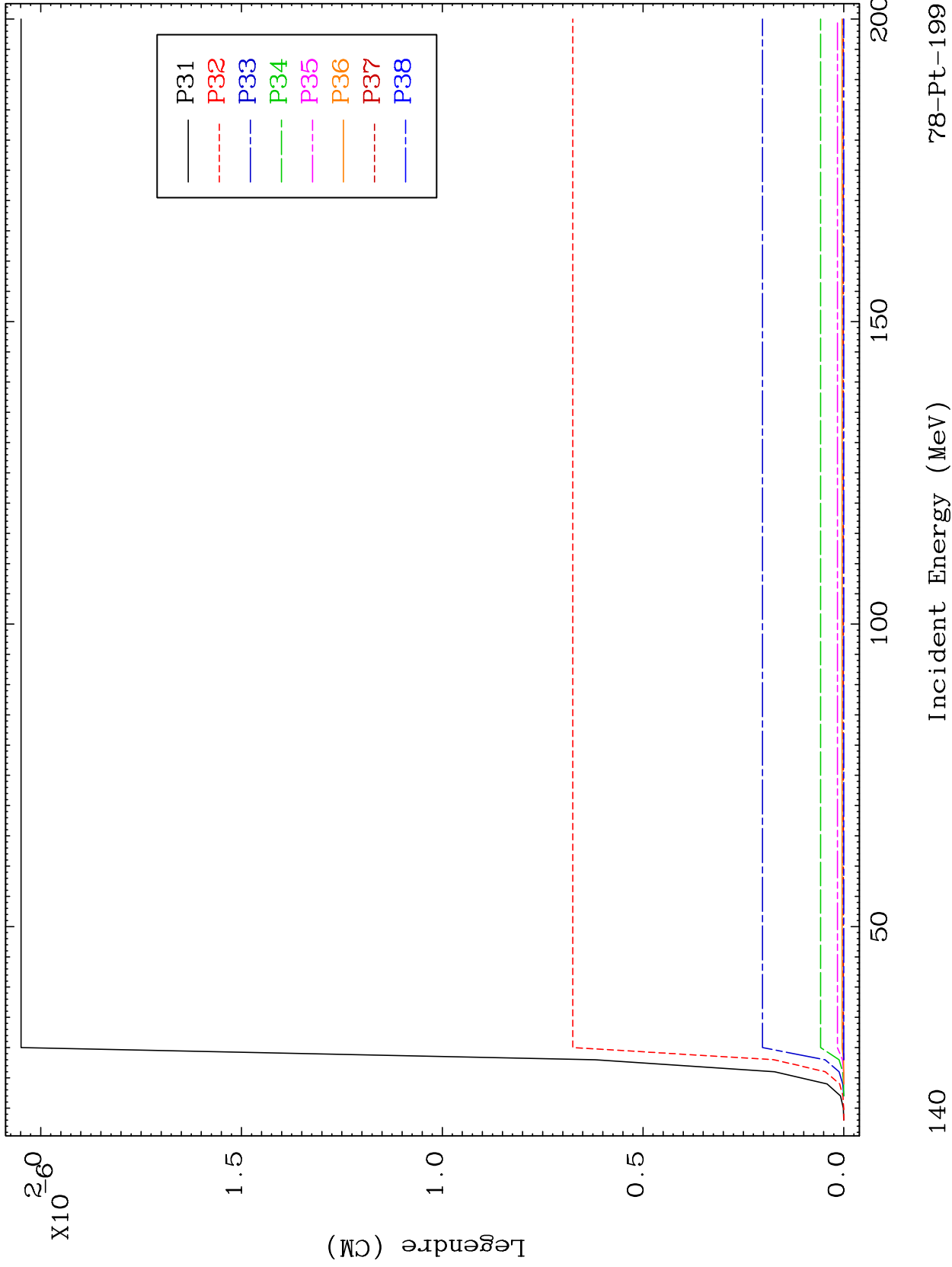
Incident Energy (MeV)

78-Pt-199

MAT 7852

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

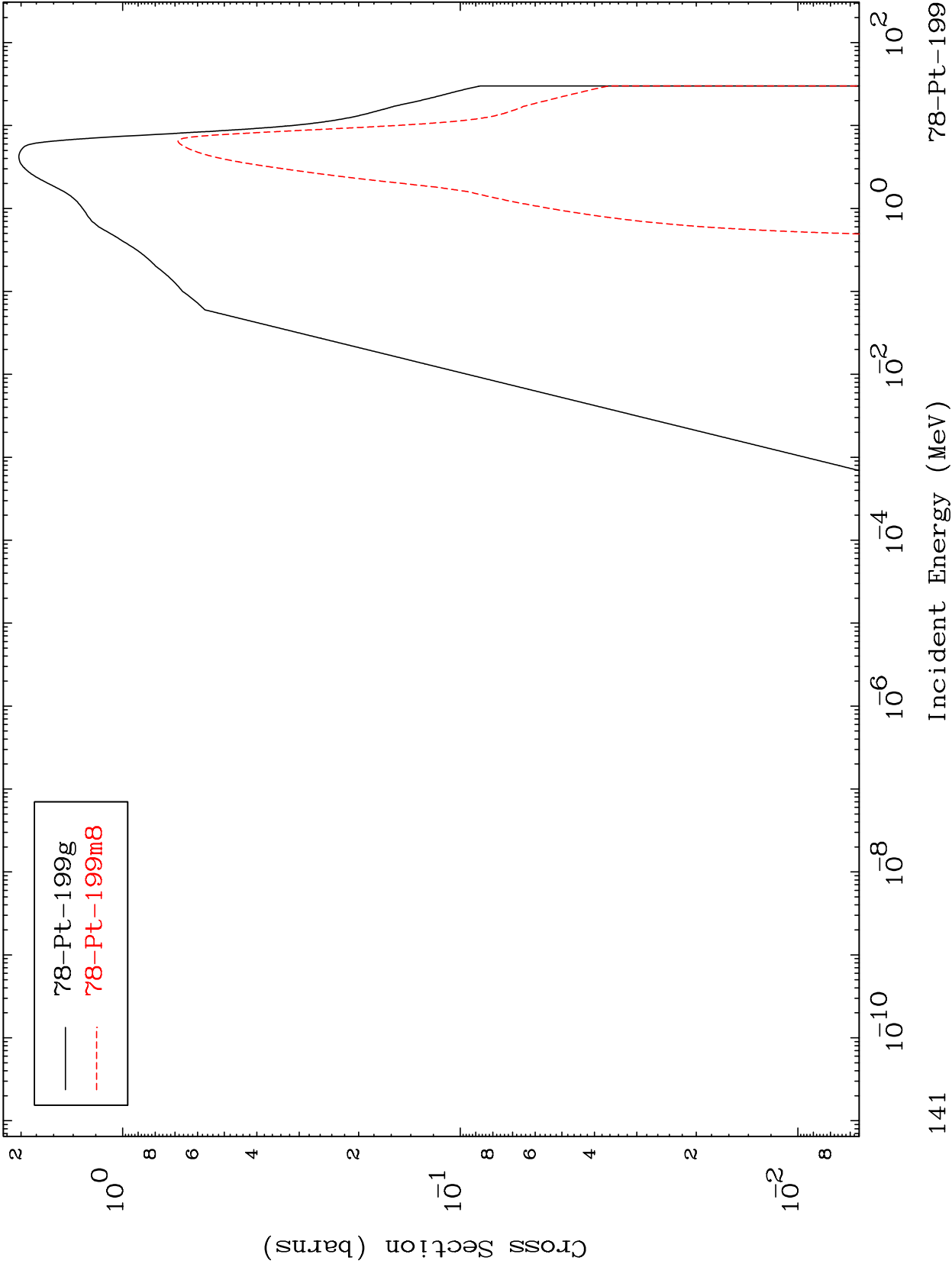
78-Pt-199



MAT 7852

Inelastic
Radionuclide Production Cross Section

78-Pt-199



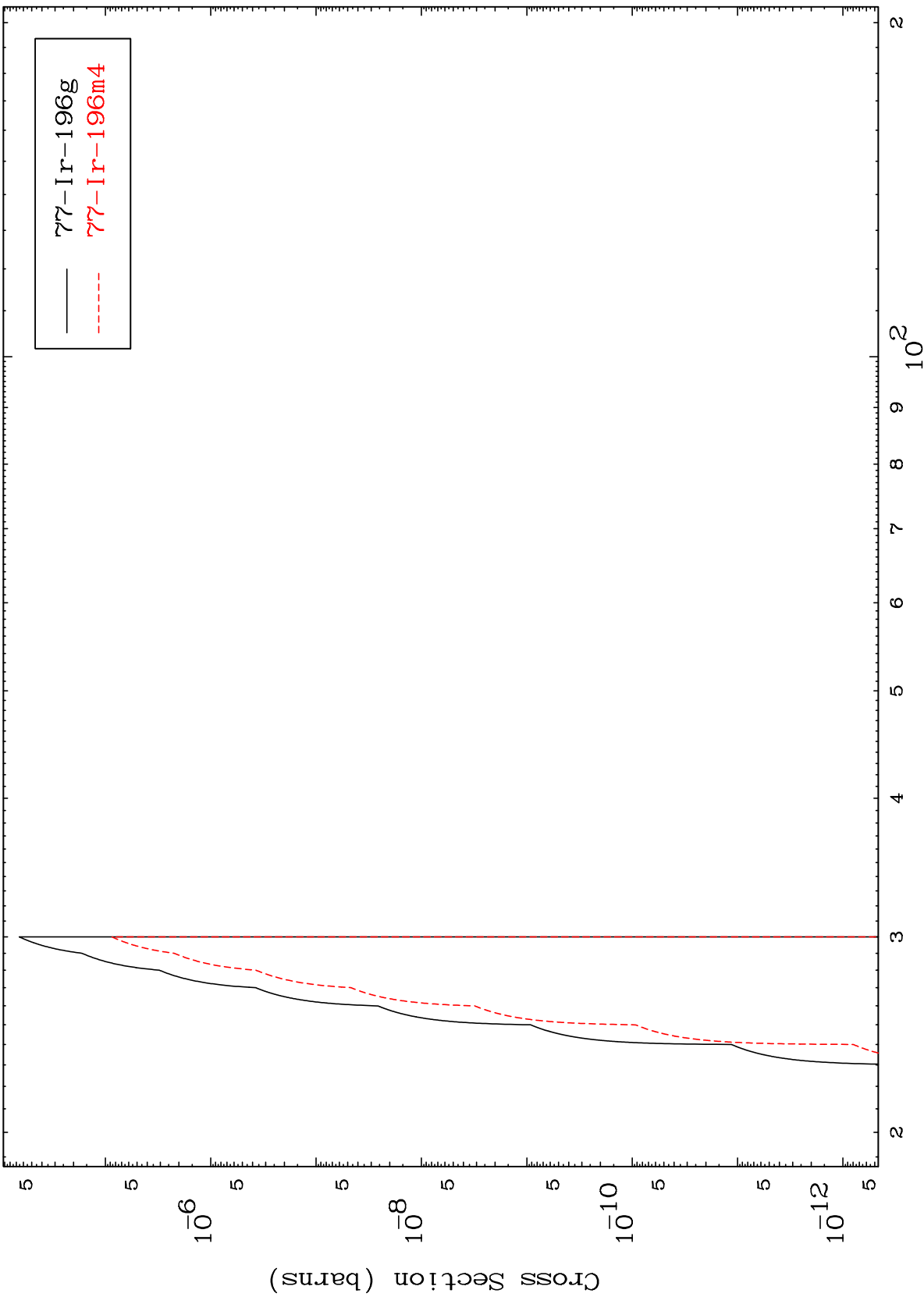
78-Pt-199

MAT 7852

(n,2n) d

78-Pt-199

Radionuclide Production Cross Section

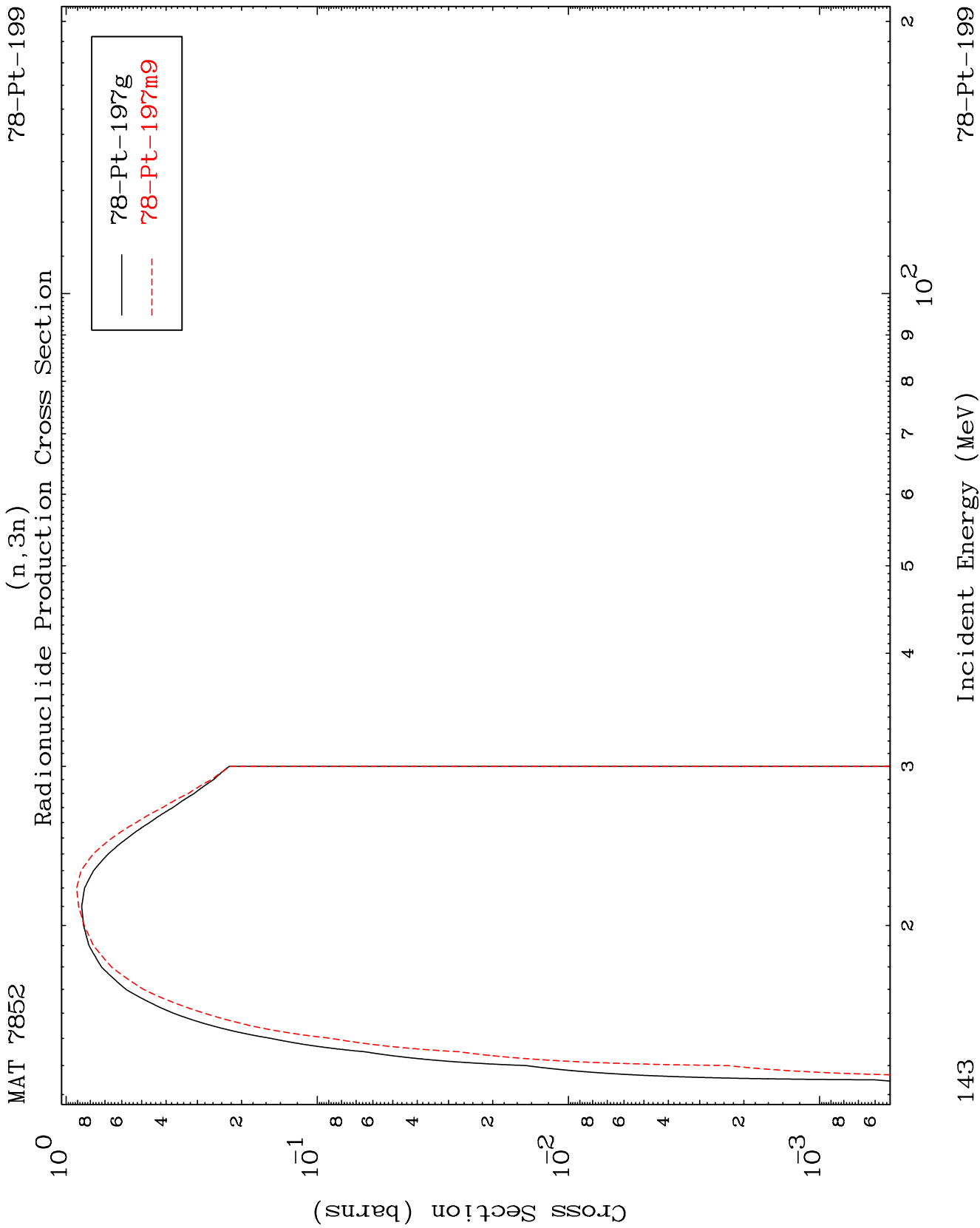


— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

142

Incident Energy (MeV)

78-Pt-199

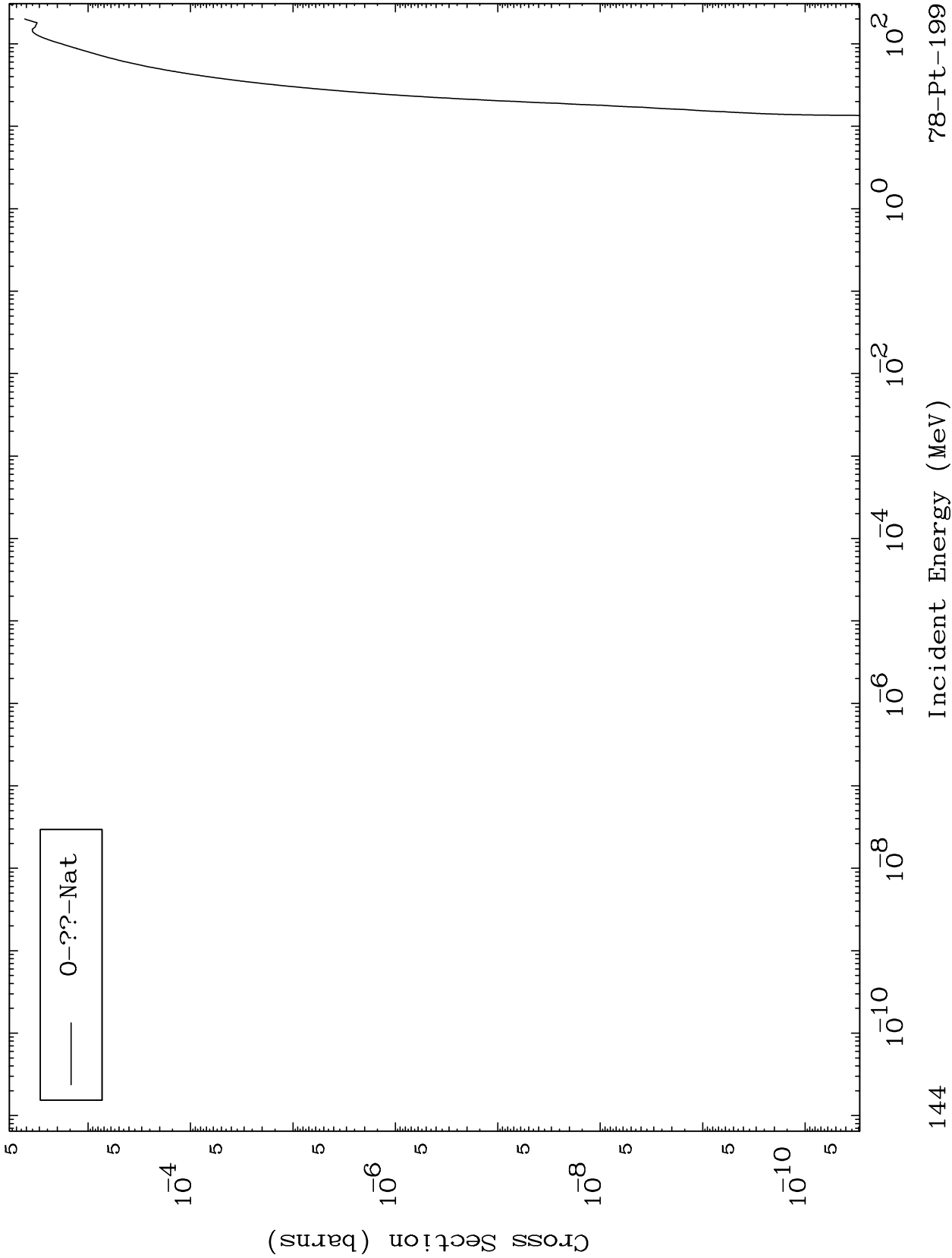


MAT 7852

Fission

78-Pt-199

Radionuclide Production Cross Section



144

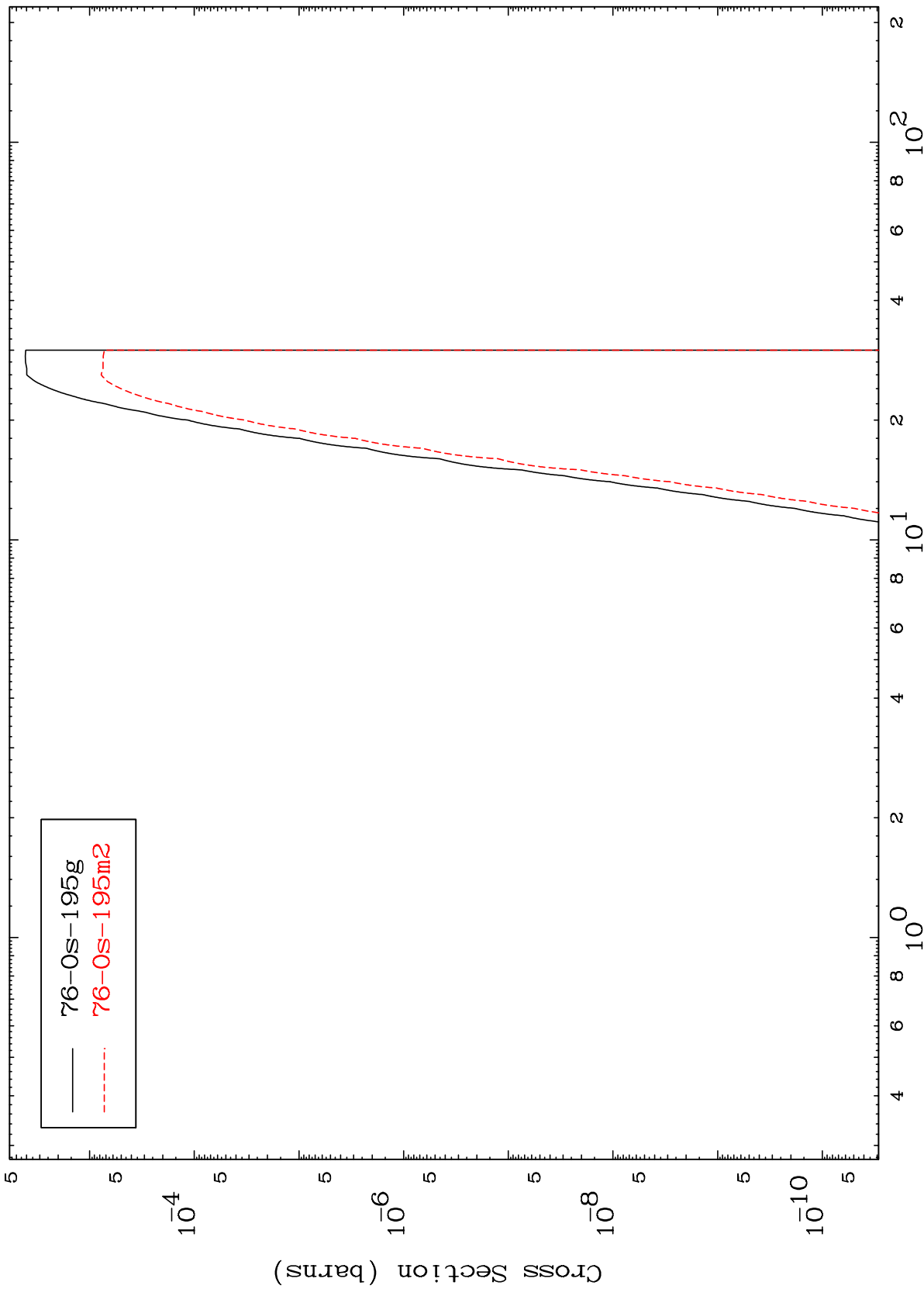
78-Pt-199

MAT 7852

$(n, n') \alpha$

78-Pt-199

Radionuclide Production Cross Section



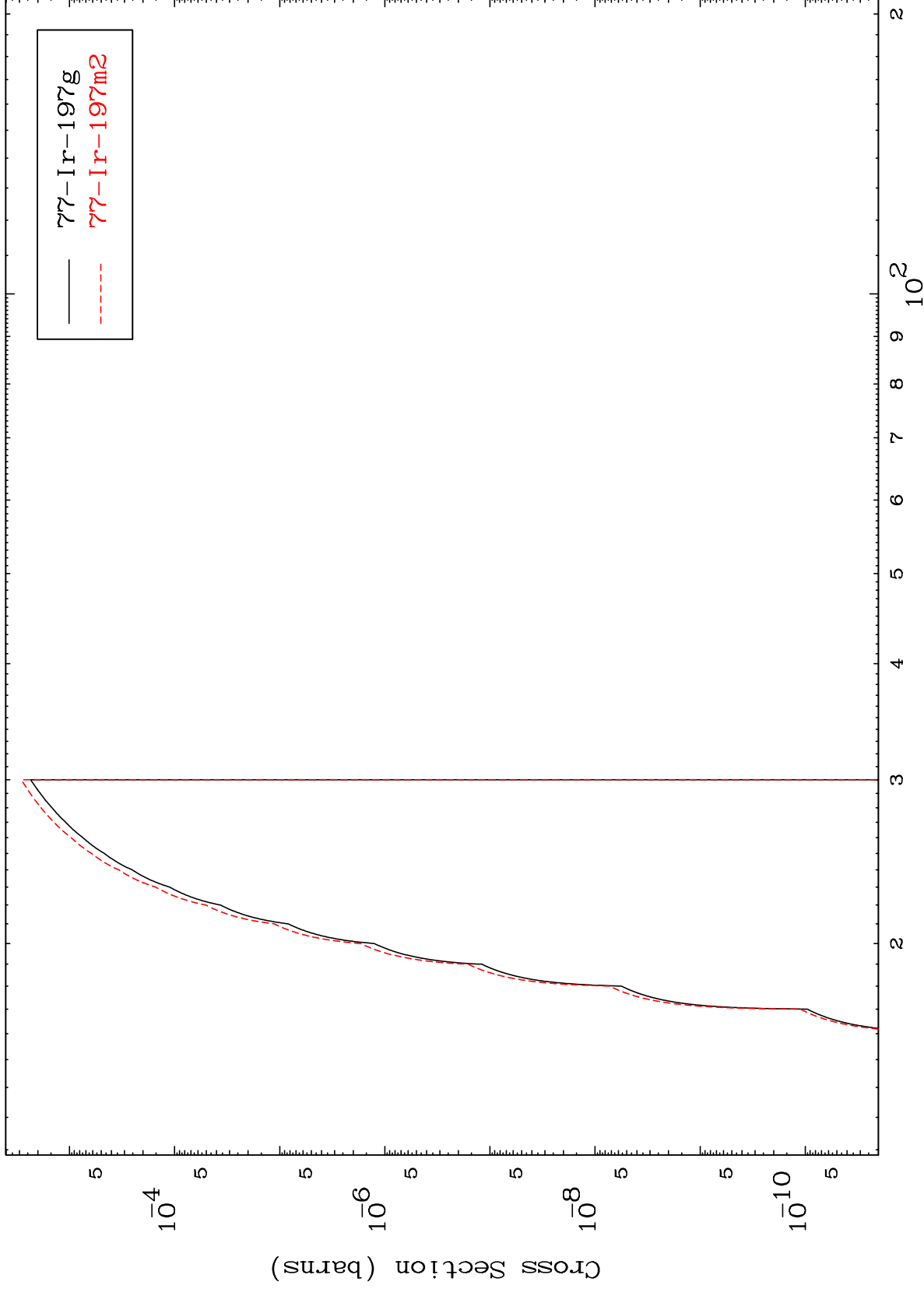
76-Os-195g
76-Os-195m2

145

Incident Energy (MeV)

78-Pt-199

Radionuclide Production Cross Section

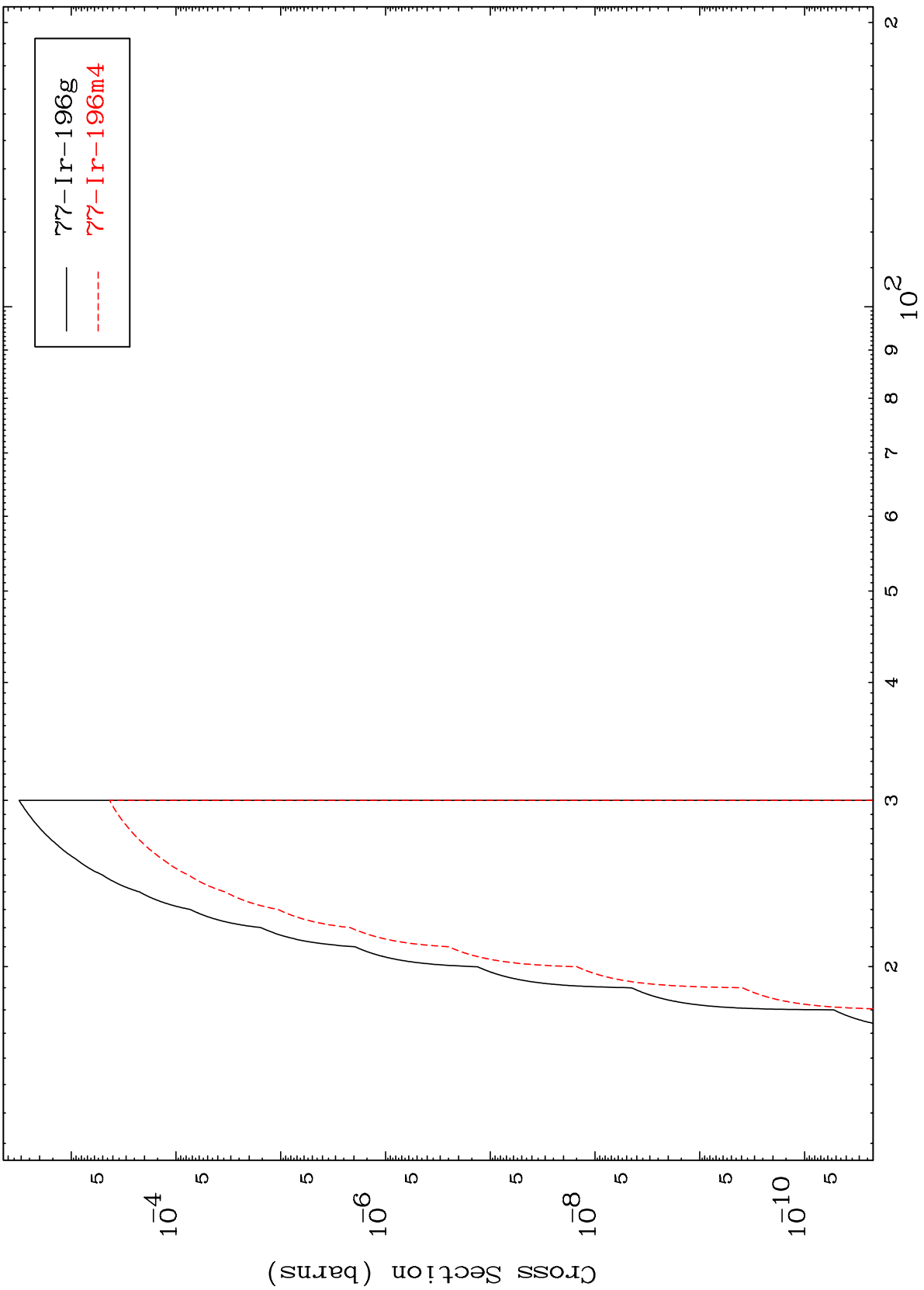


MAT 7852

(n,n') t

78-Pt-199

Radionuclide Production Cross Section

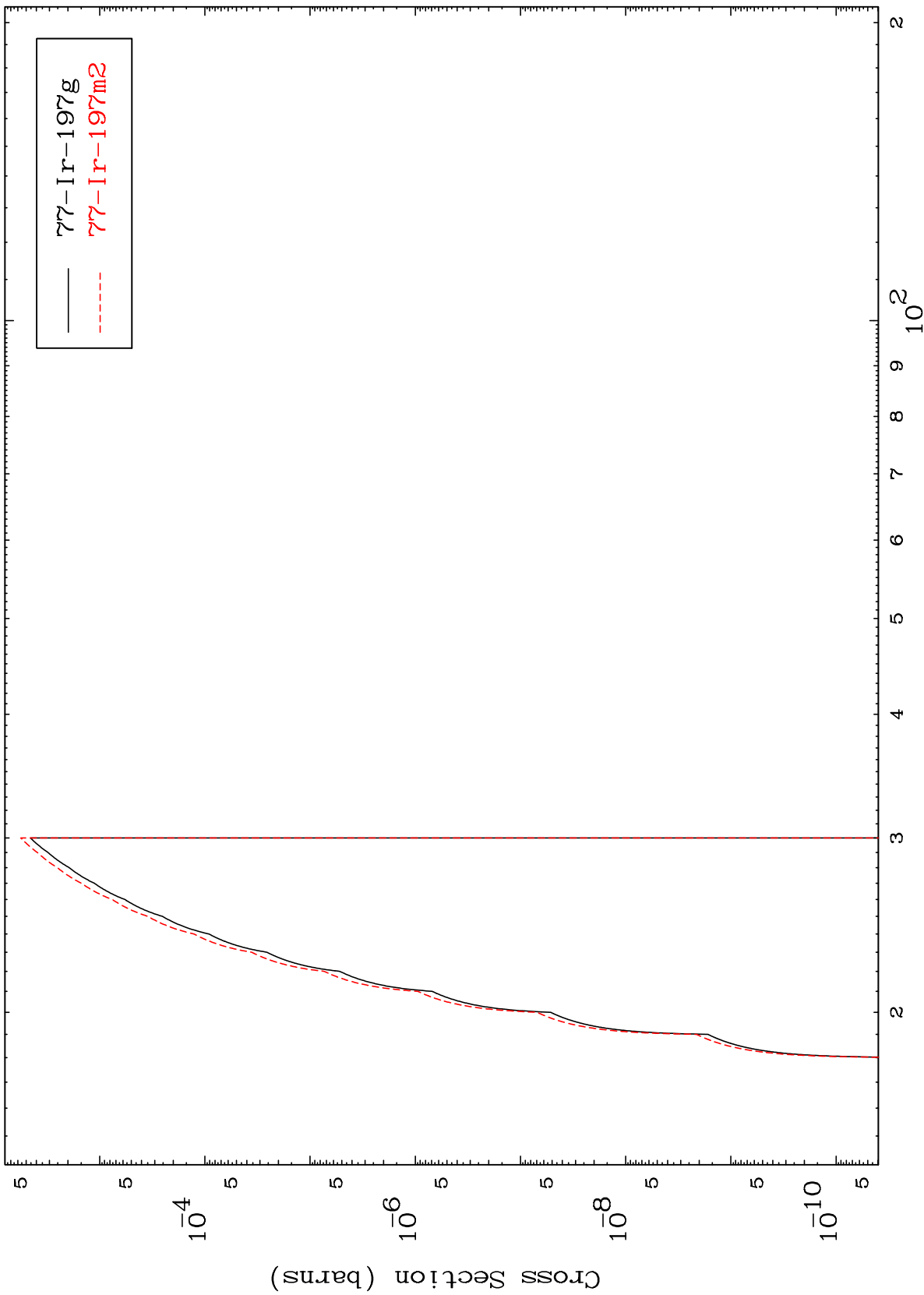


147

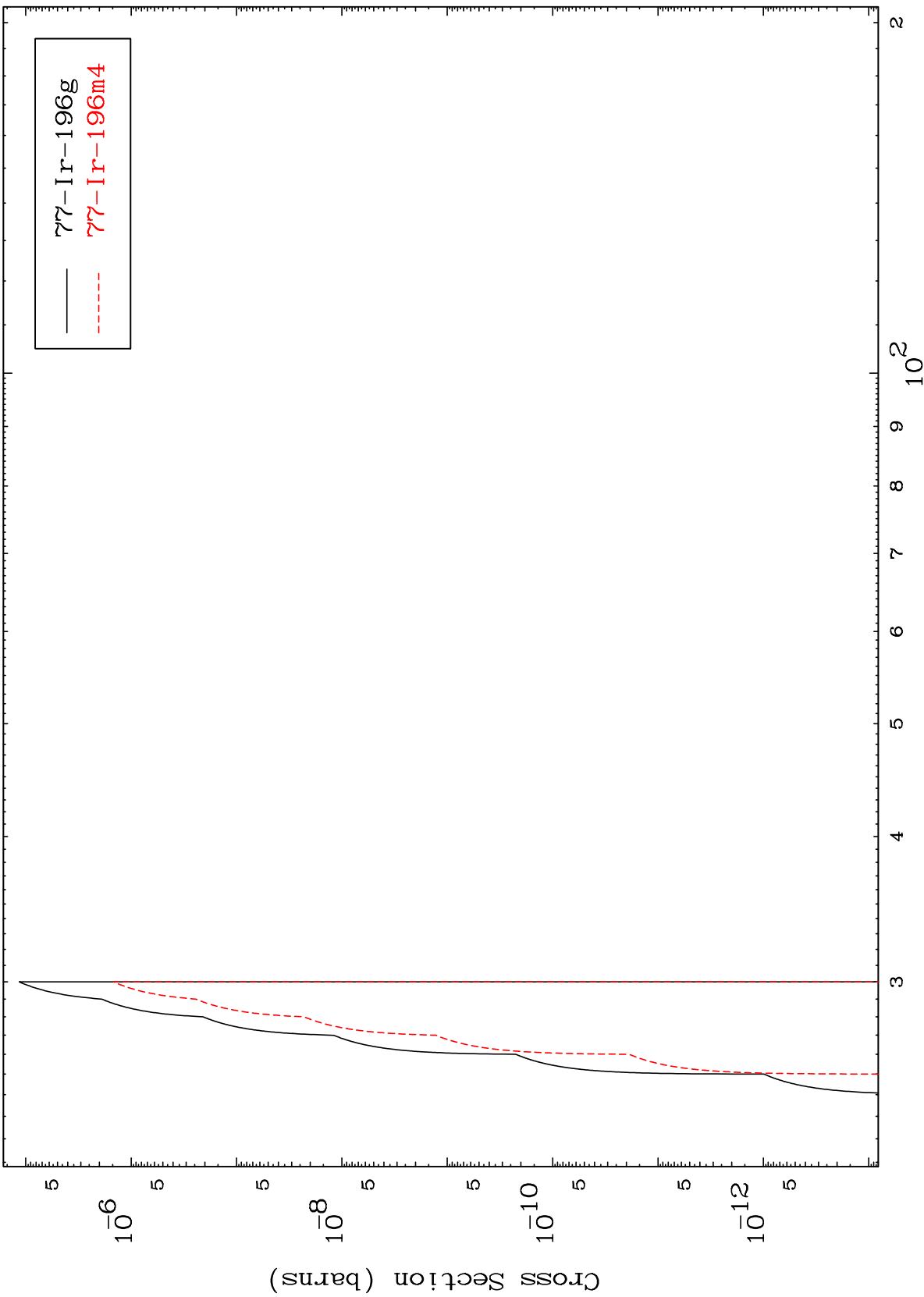
Incident Energy (MeV)

78-Pt-199

Radionuclide Production Cross Section



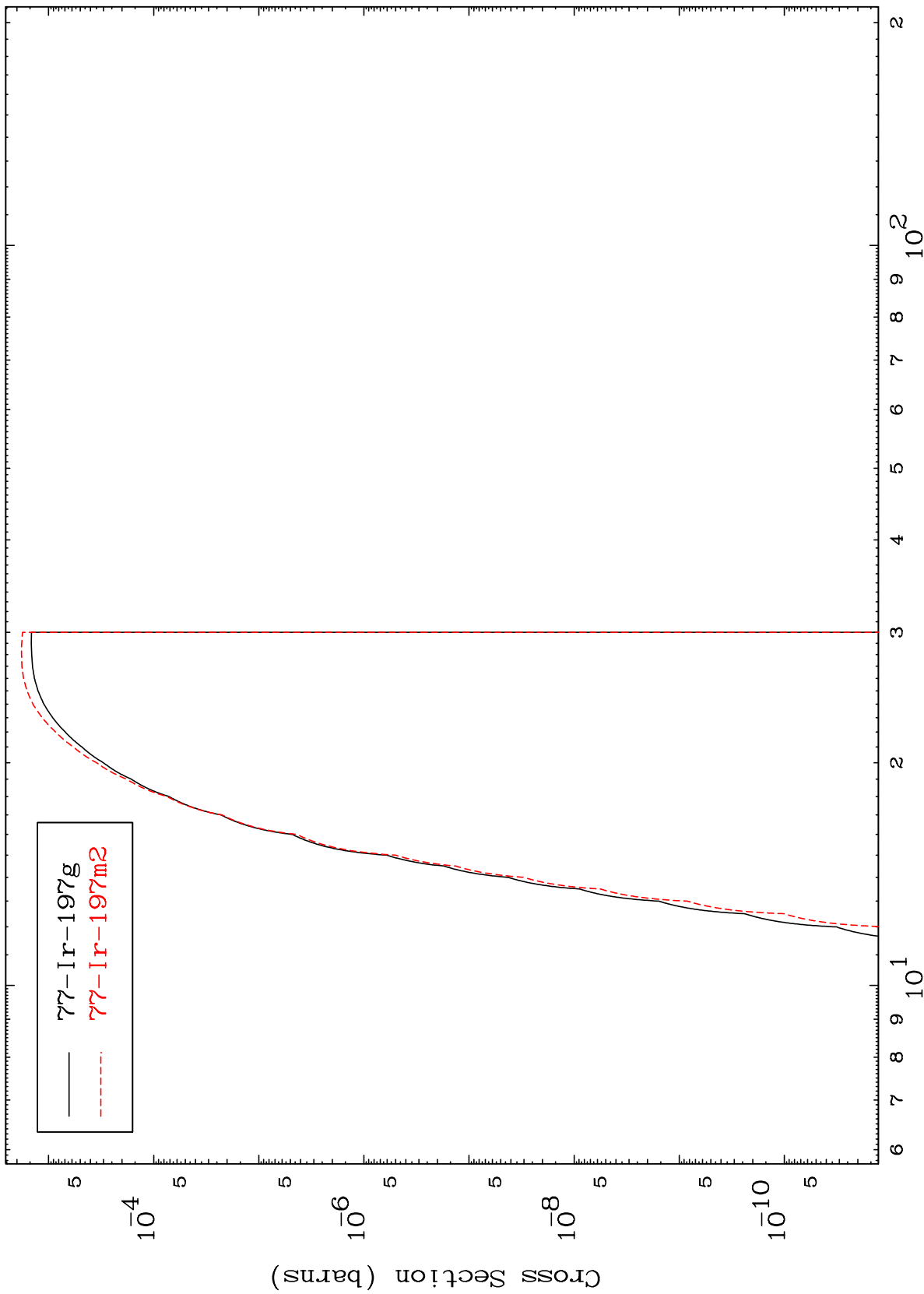
Radionuclide Production Cross Section



MAT 7852

78-Pt-199

(n,t)
Radionuclide Production Cross Section



150

Incident Energy (MeV)

78-Pt-199