

Program EVALPLOT
(Version 2017-1)

by

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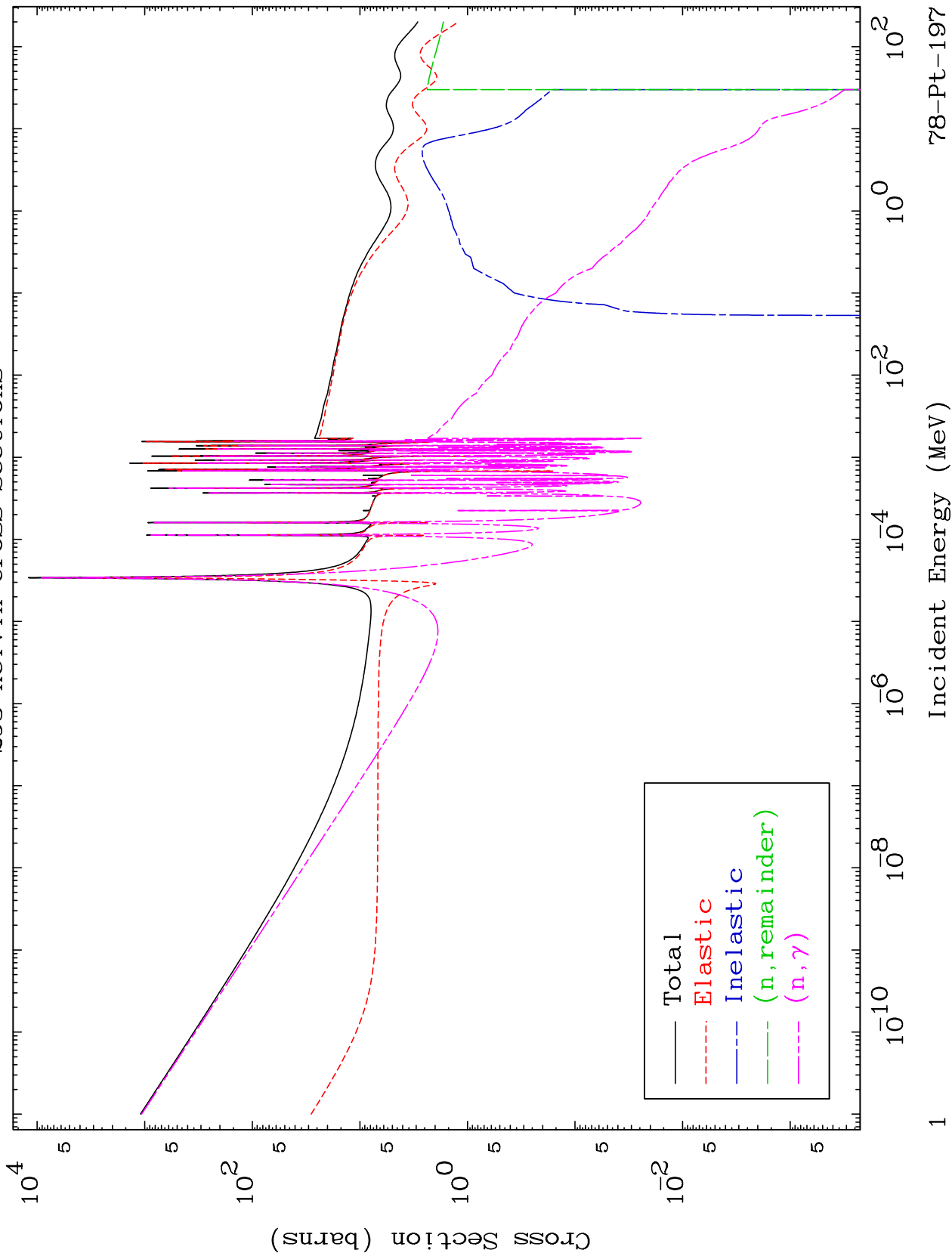
Press Mouse Button to Start

MAT 7846

Major

293 Kelvin Cross Sections

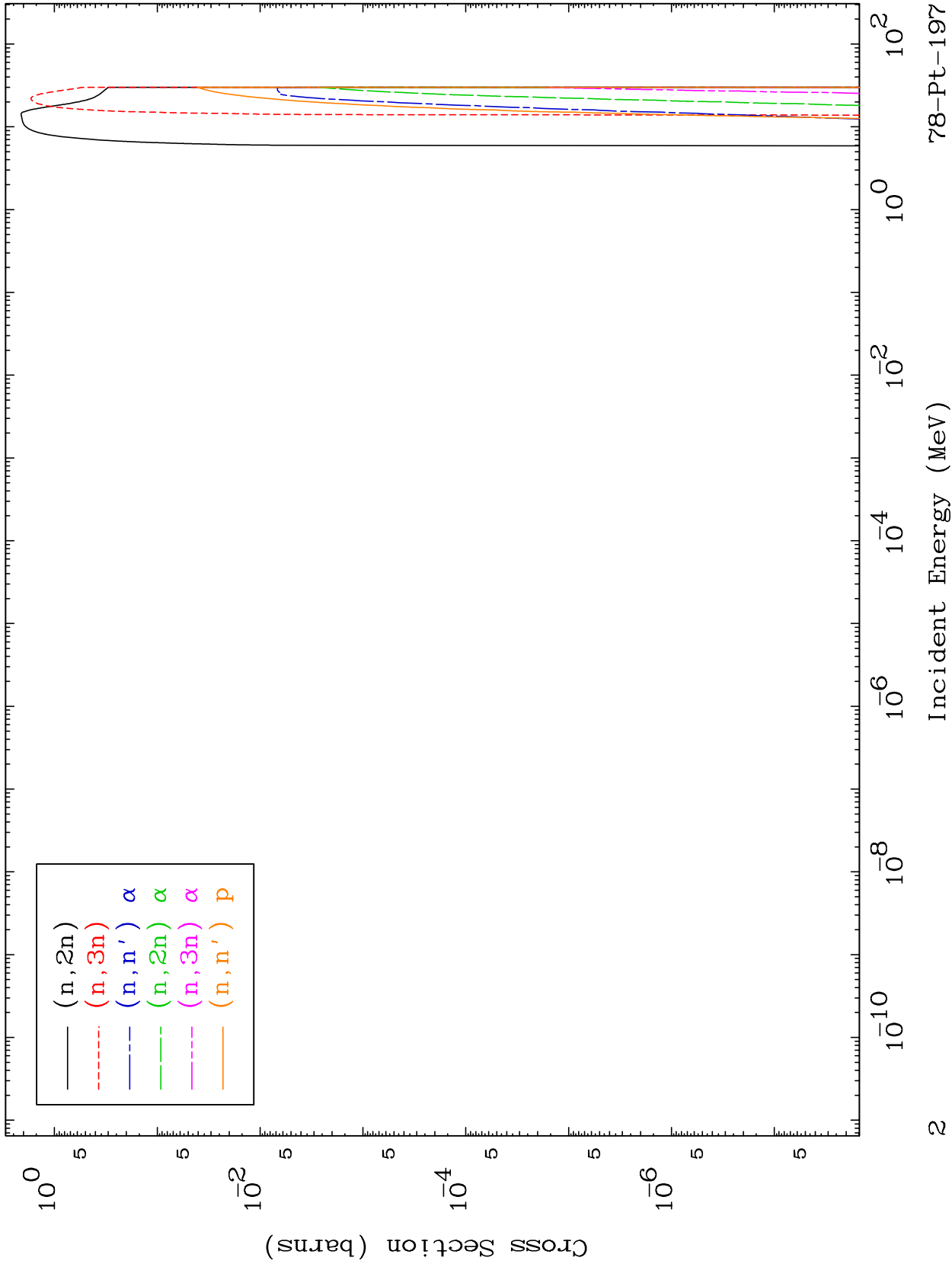
78-Pt-197

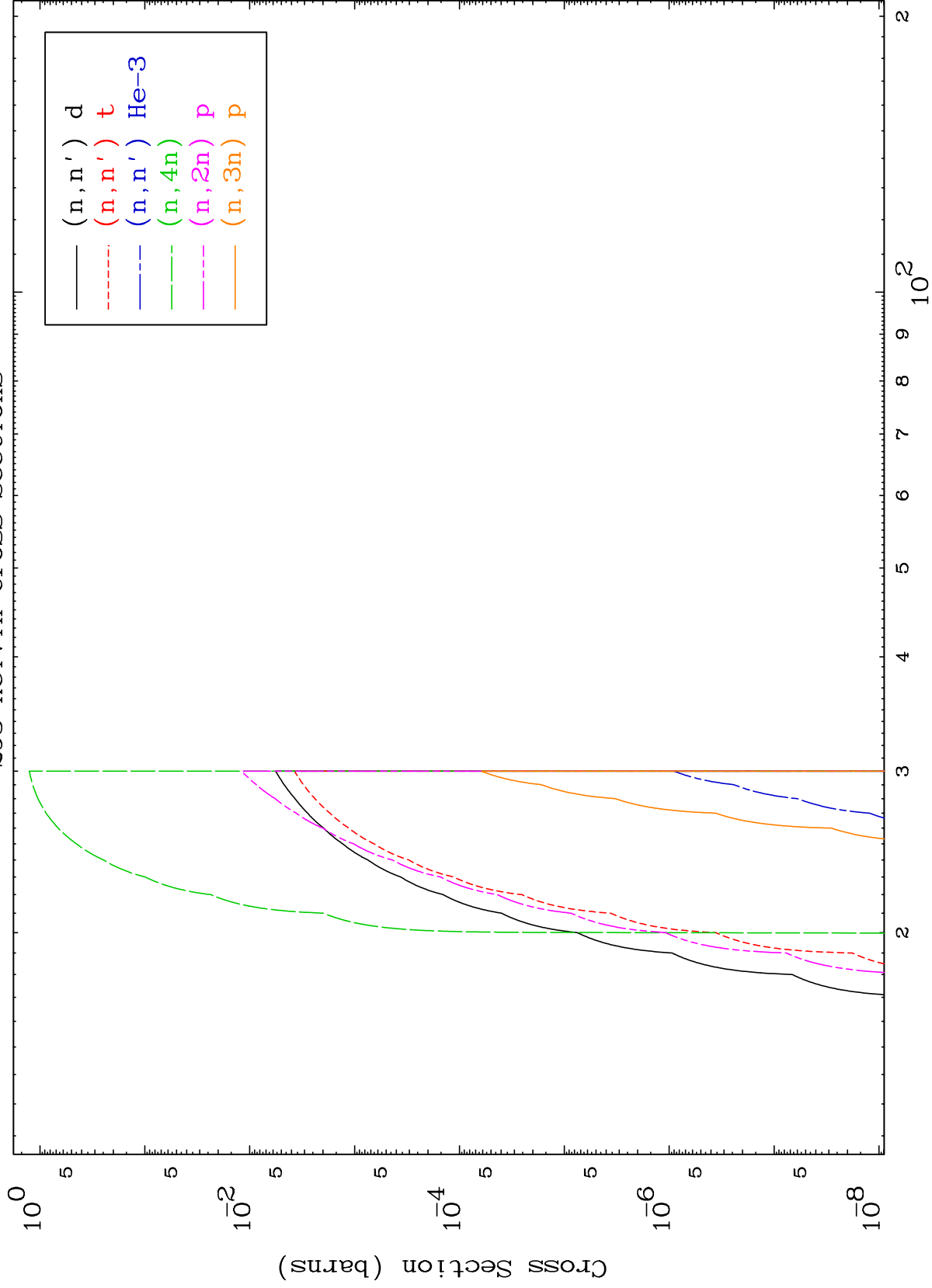


MAT 7846

Neutron Production
293 Kelvin Cross Sections

78-Pt-197

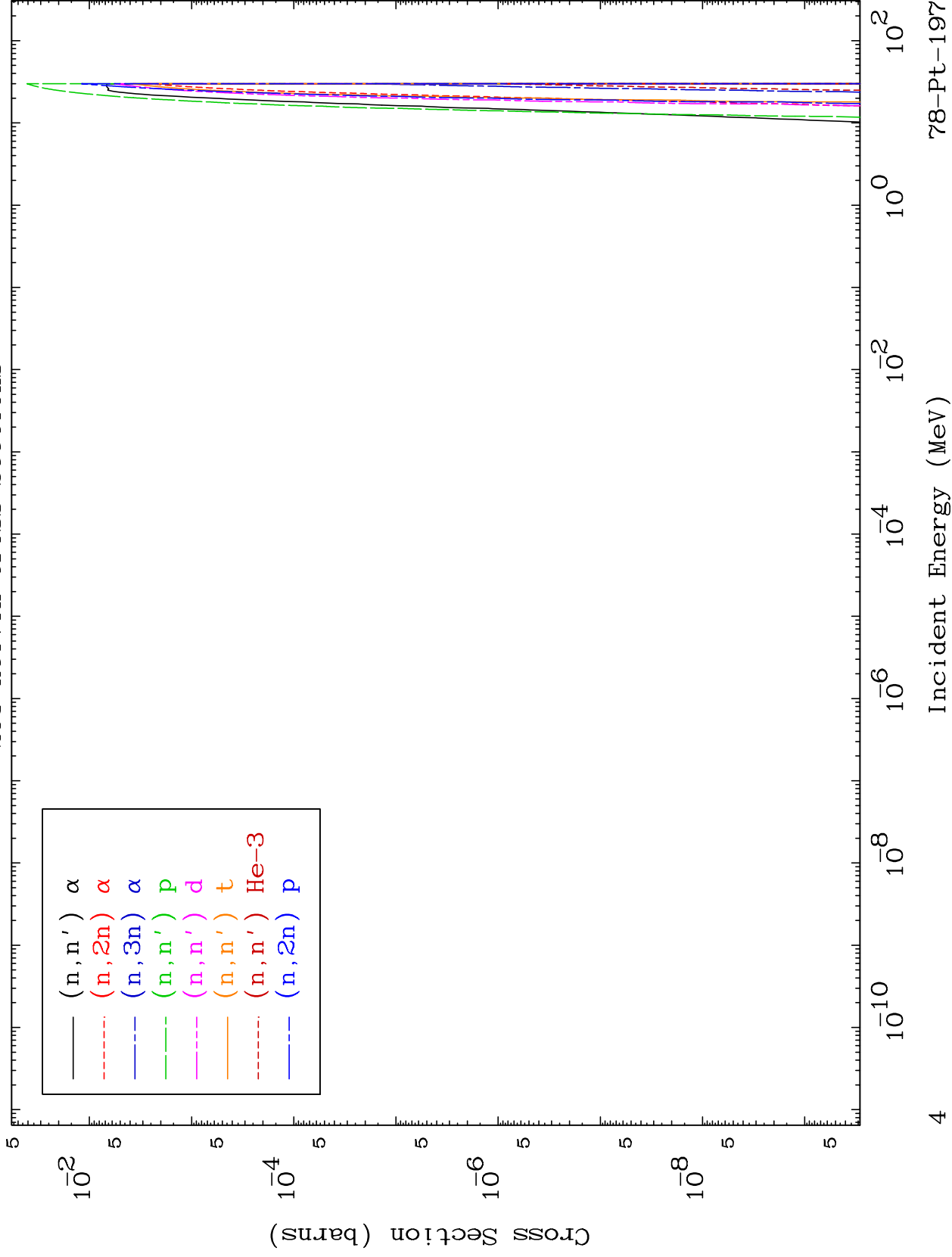




MAT 7846

Charged Particle
293 Kelvin Cross Sections

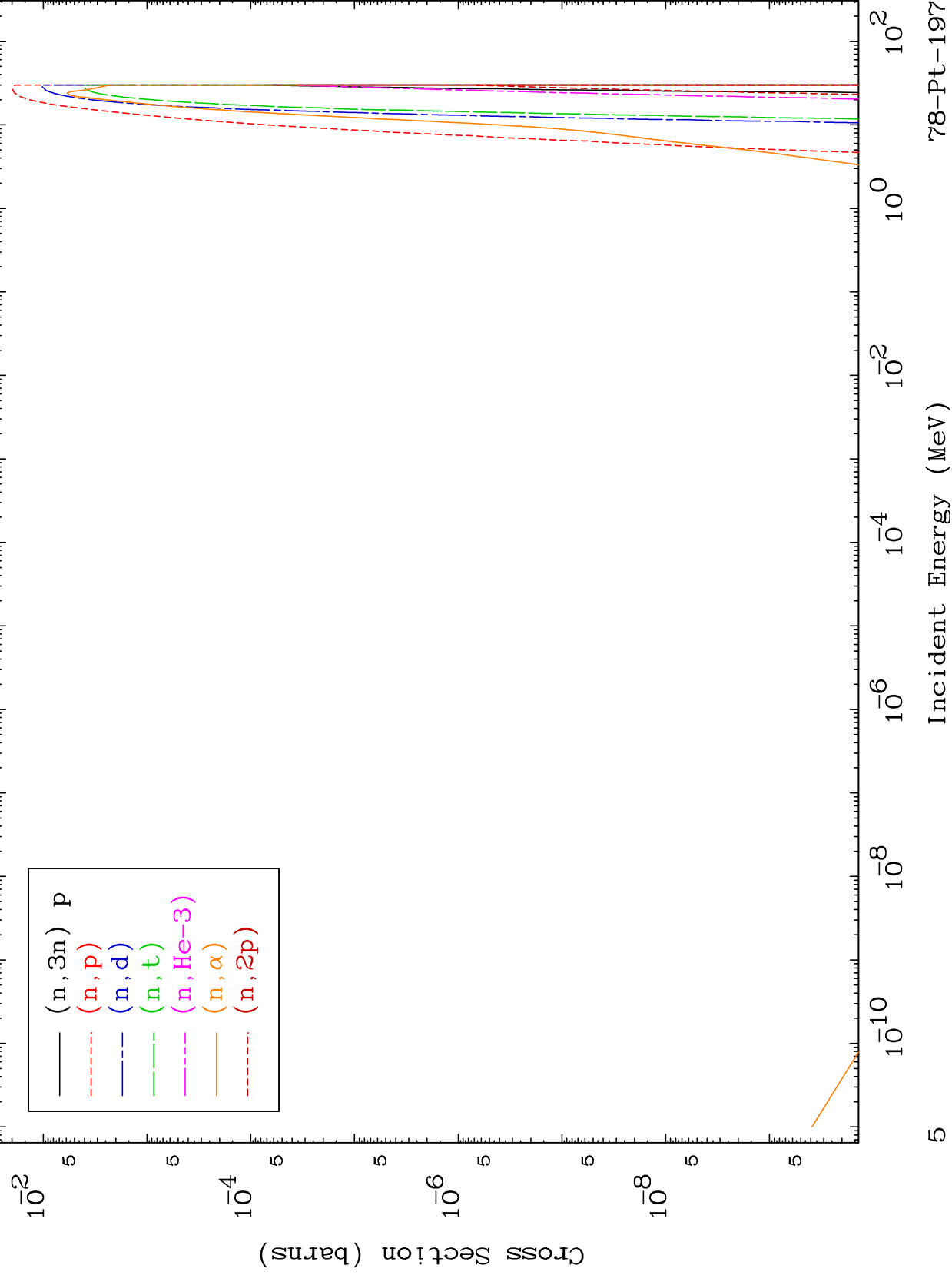
78-Pt-197



MAT 7846

Charged Particle
293 Kelvin Cross Sections

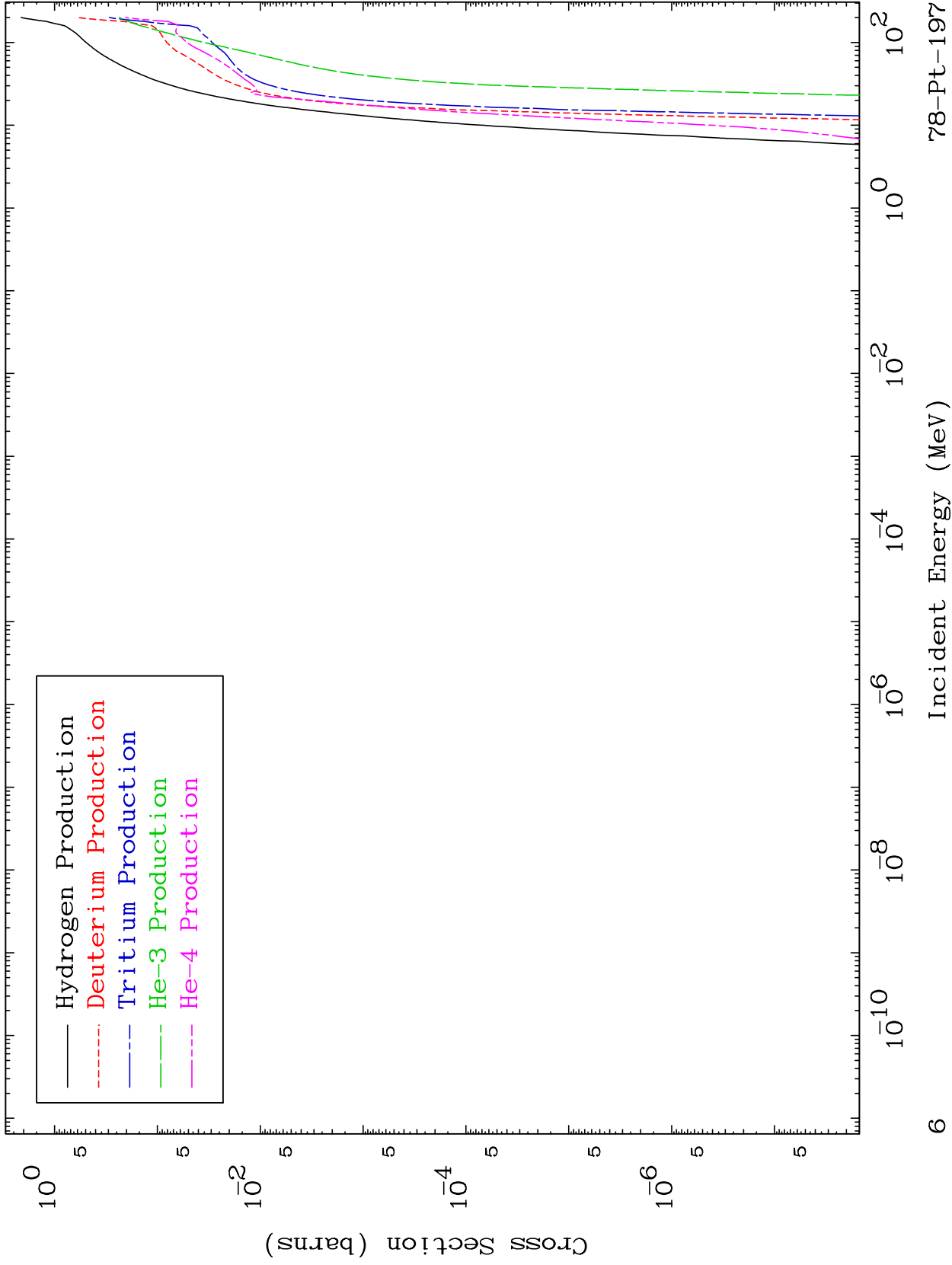
78-Pt-197



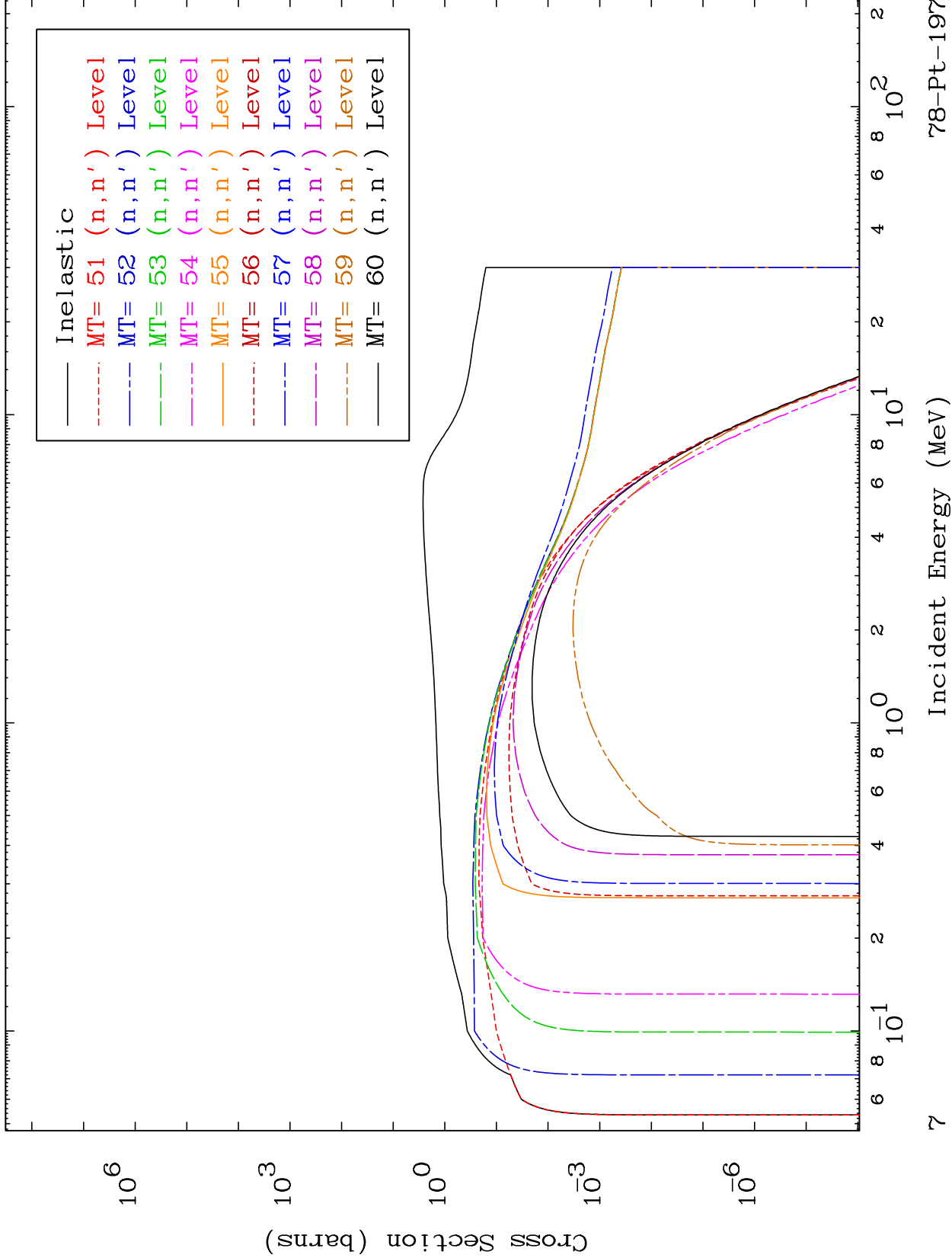
MAT 7846

Particle Production
293 Kelvin Cross Sections

78-Pt-197



293 Kelvin Cross Sections

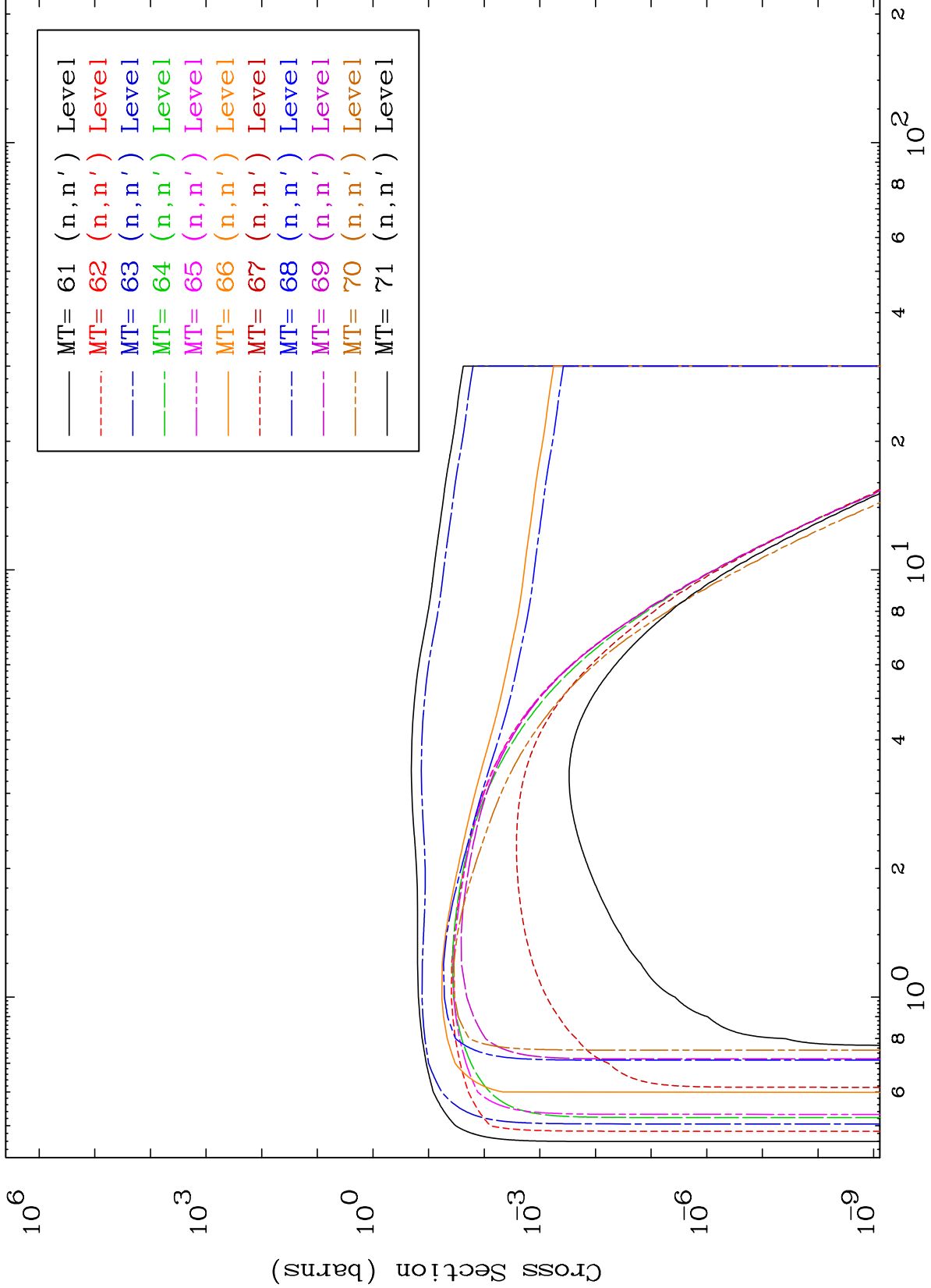


MAT 7846

(n,n') Level

78-Pt-197

293 Kelvin Cross Sections



8

Incident Energy (MeV)

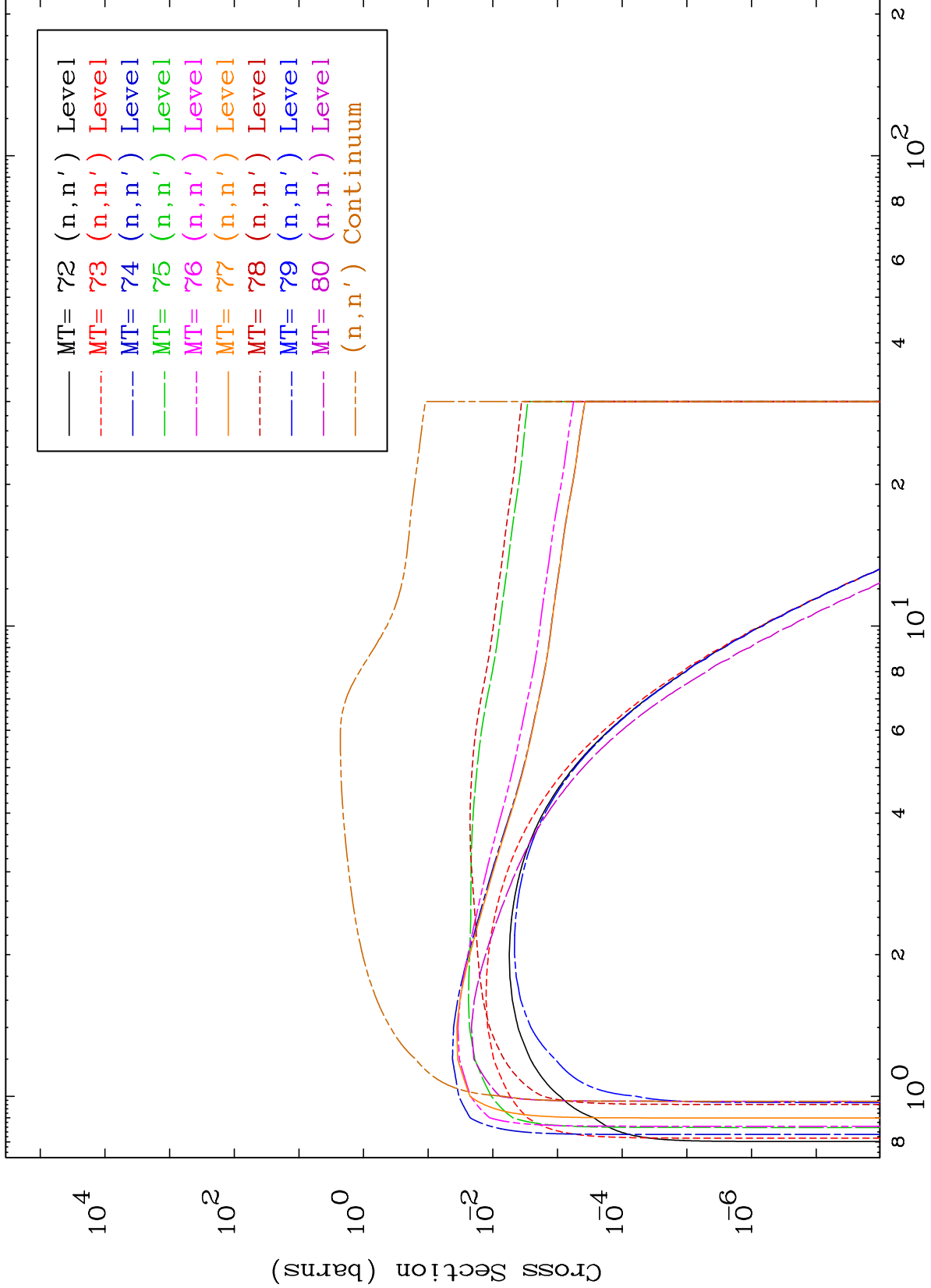
78-Pt-197

MAT 7846

(n,n') Level

78-Pt-197

293 Kelvin Cross Sections



9

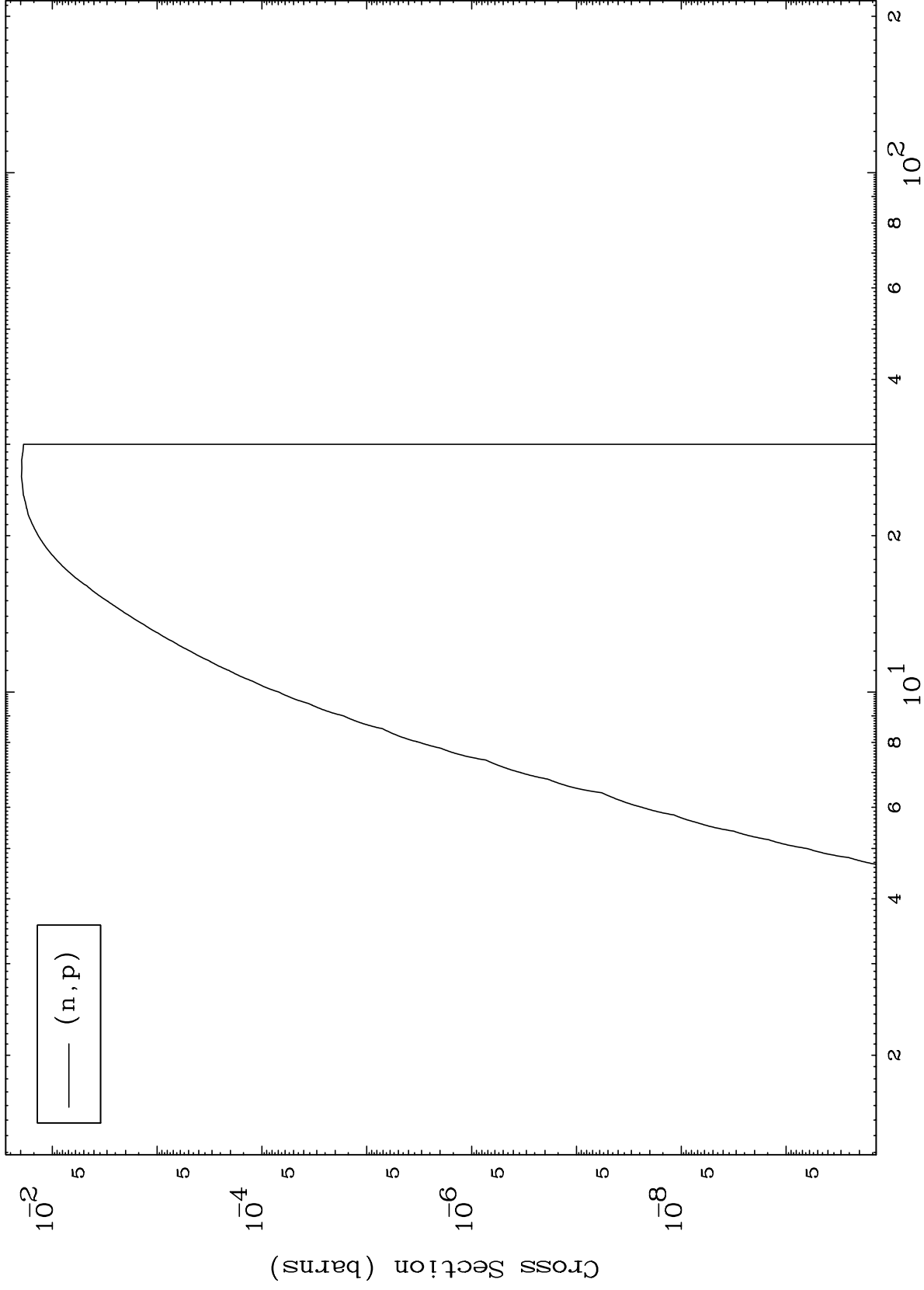
Incident Energy (MeV)

78-Pt-197

MAT 7846

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-197



10

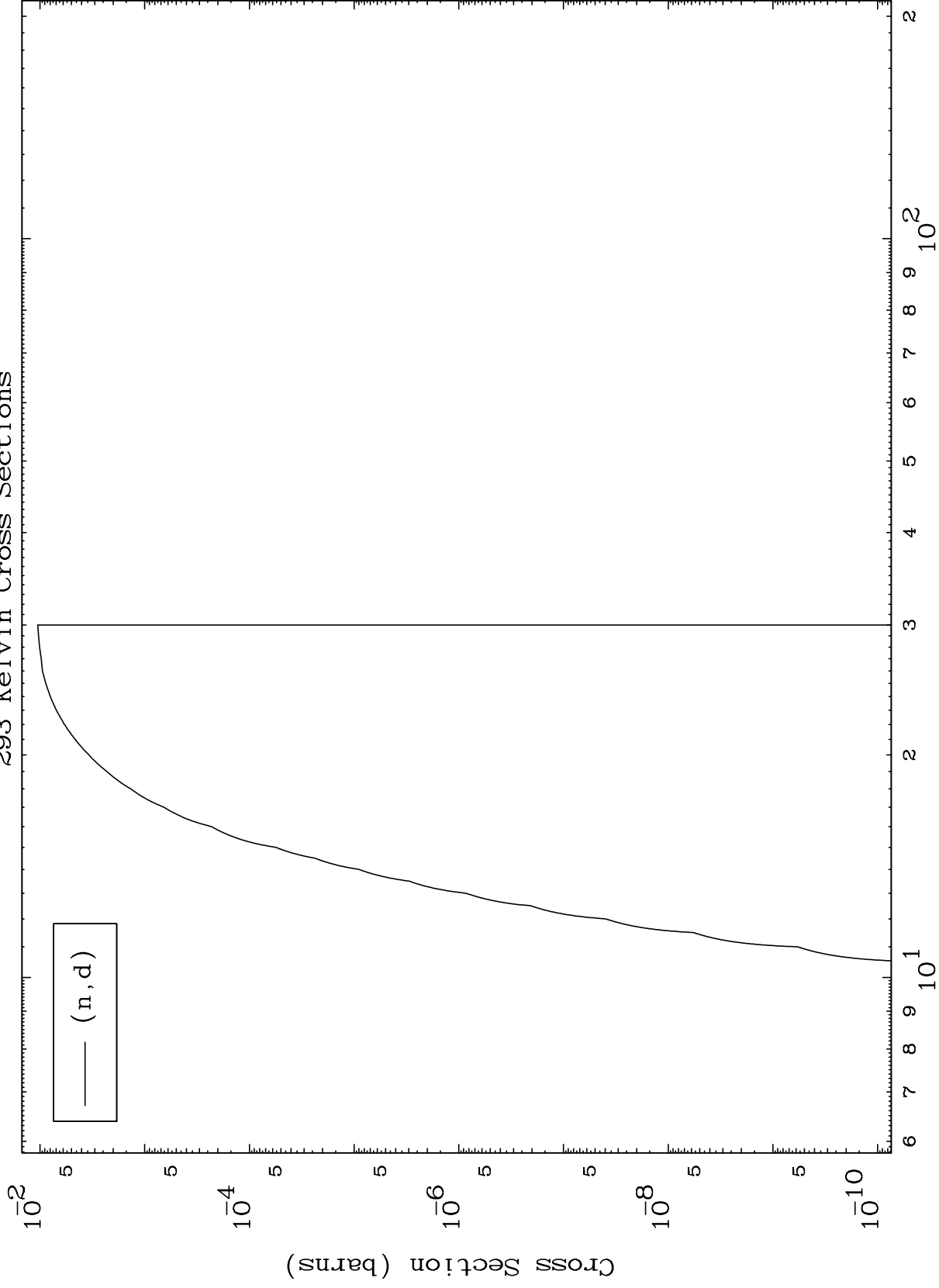
Incident Energy (MeV)

78-Pt-197

MAT 7846

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-197



11

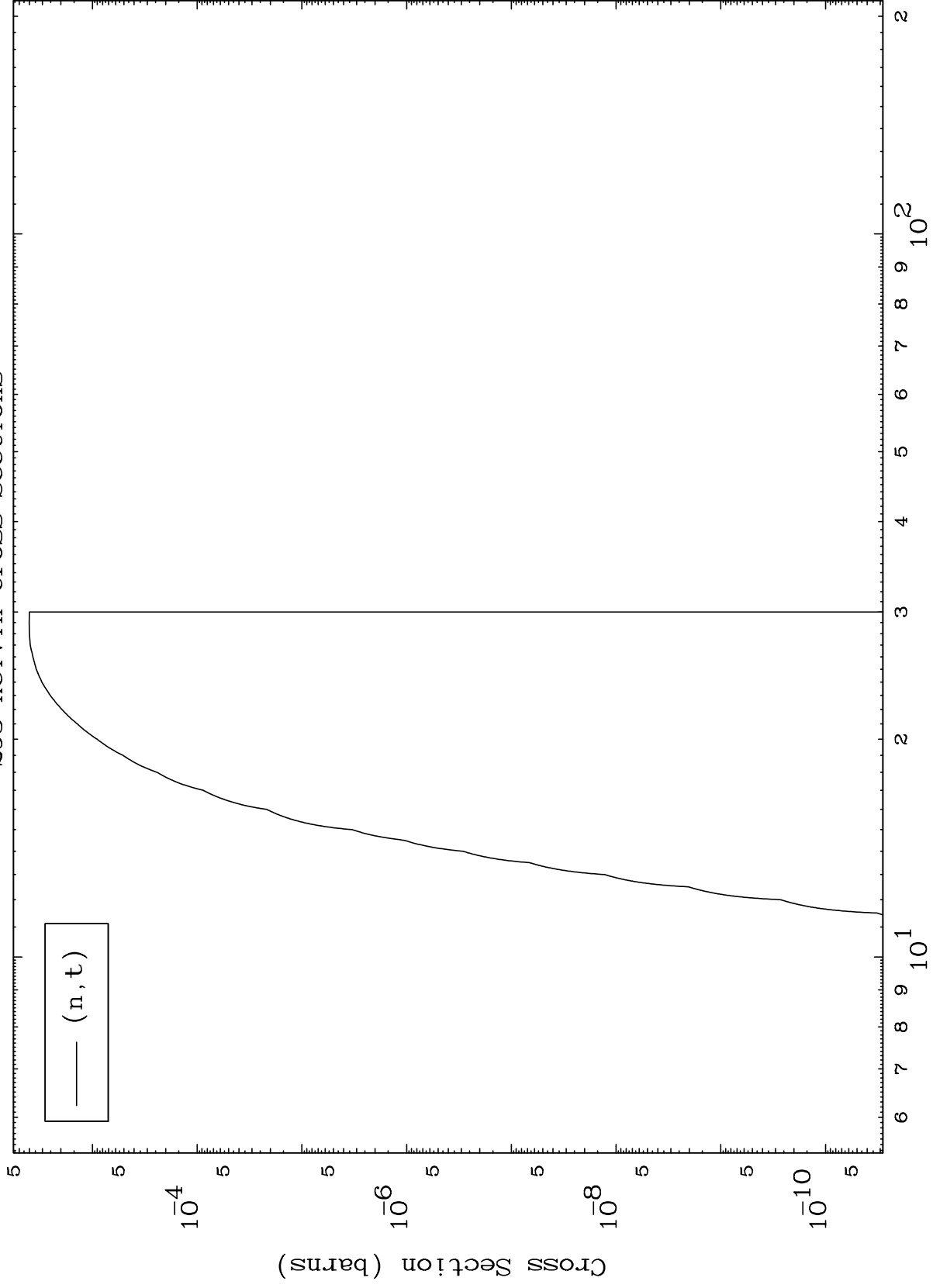
Incident Energy (MeV)

78-Pt-197

MAT 7846

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-197



12

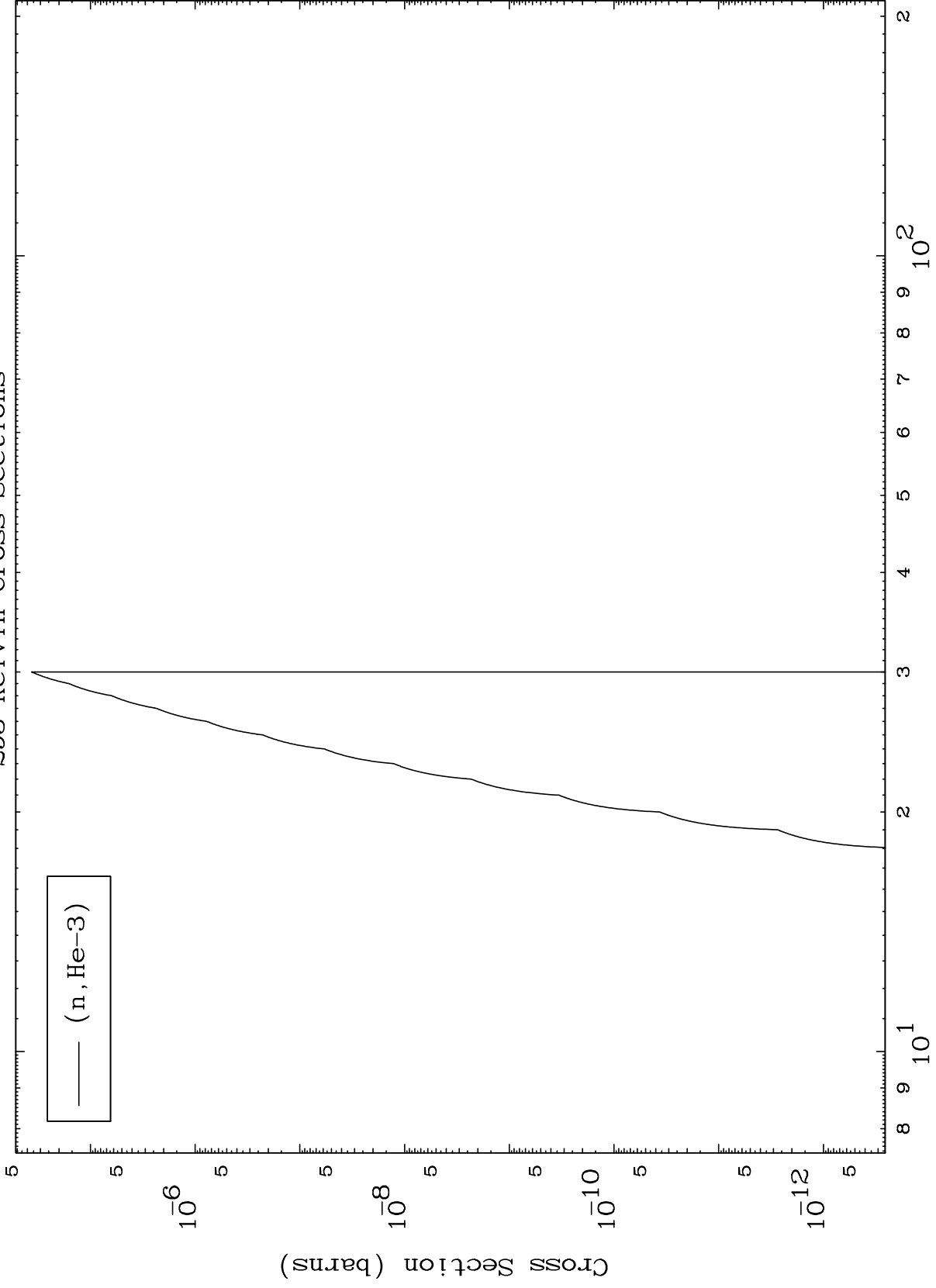
Incident Energy (MeV)

78-Pt-197

MAT 7846

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-197



13

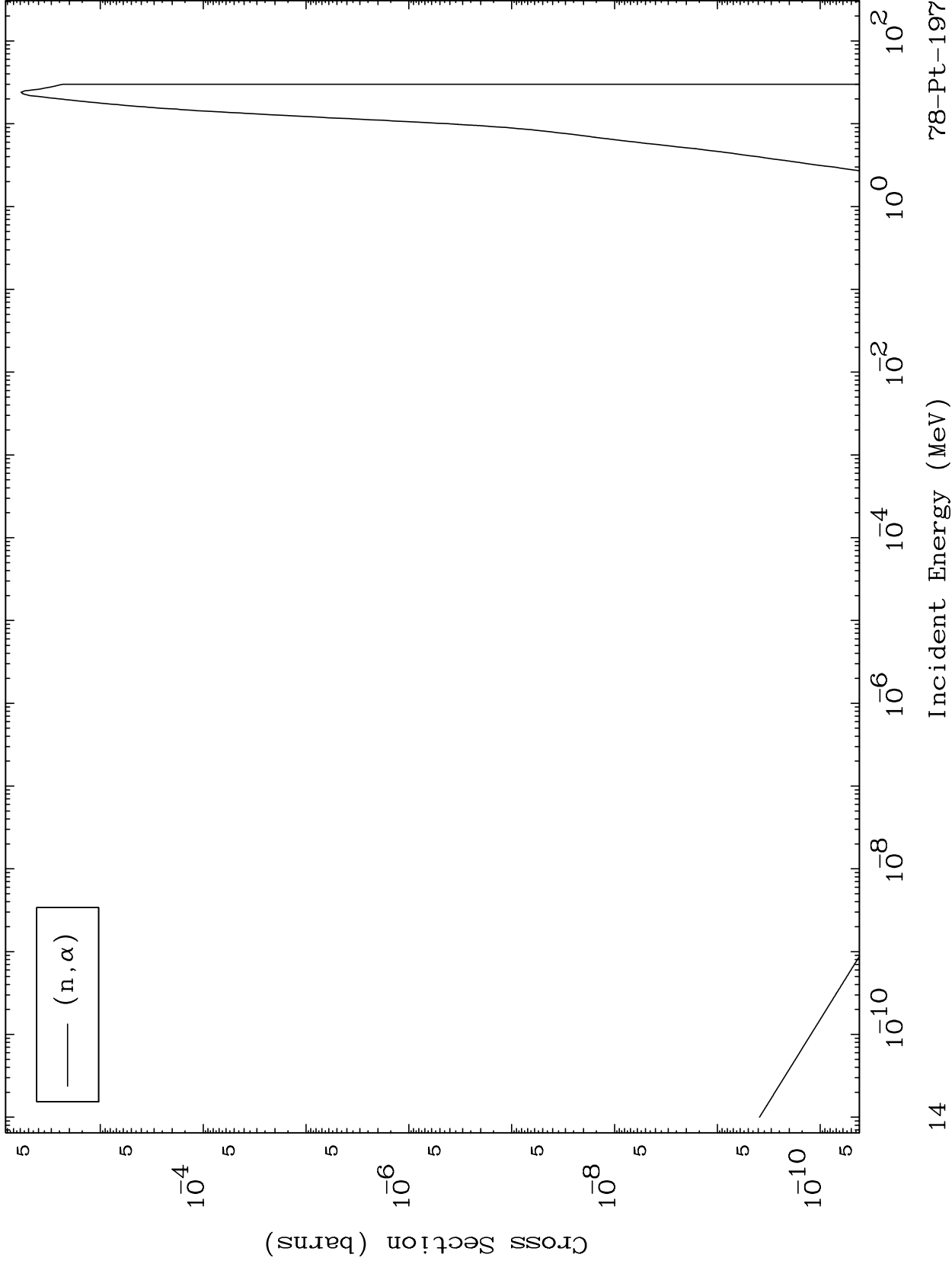
Incident Energy (MeV)

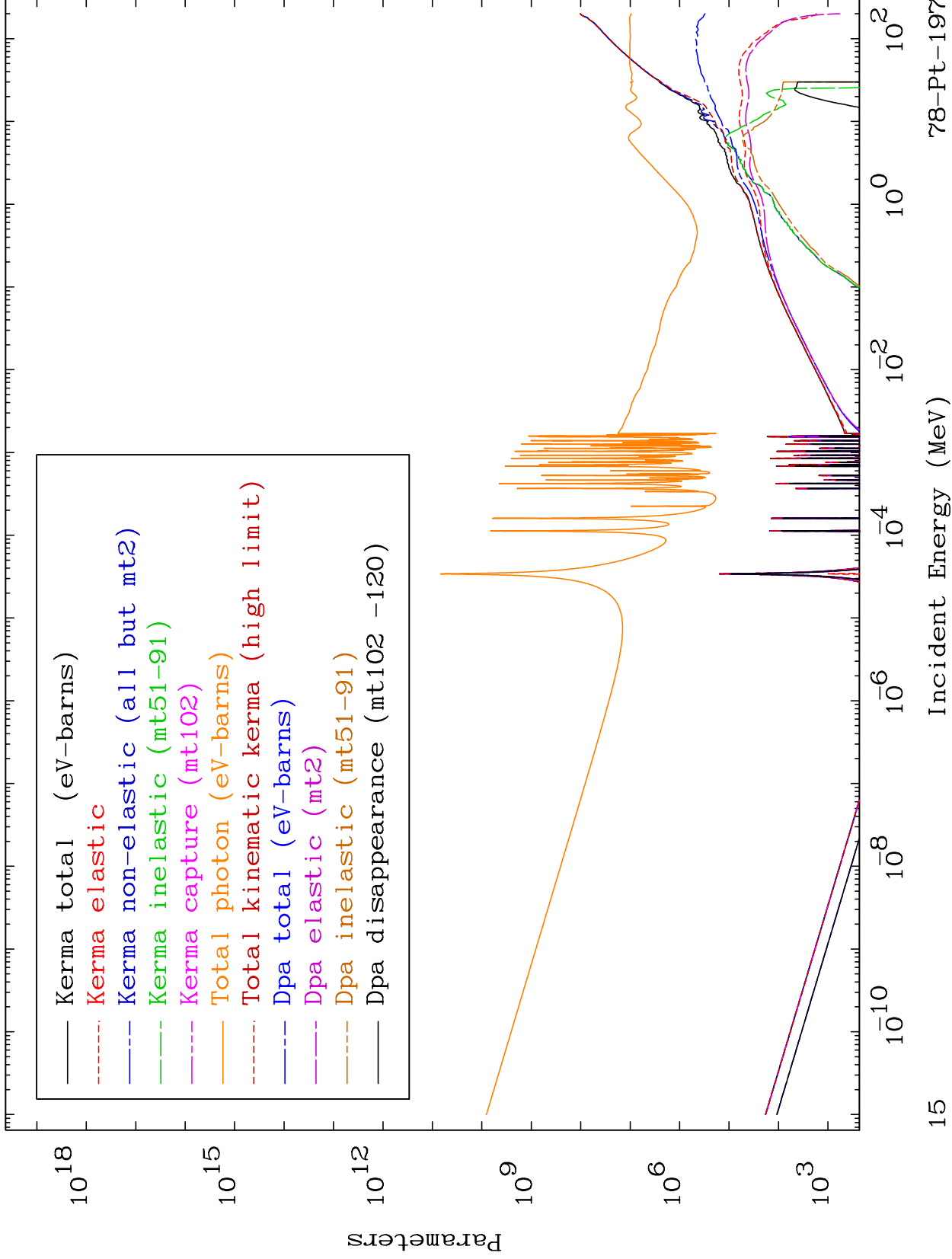
78-Pt-197

MAT 7846

(n, α) Levels
293 Kelvin Cross Sections

78-Pt-197

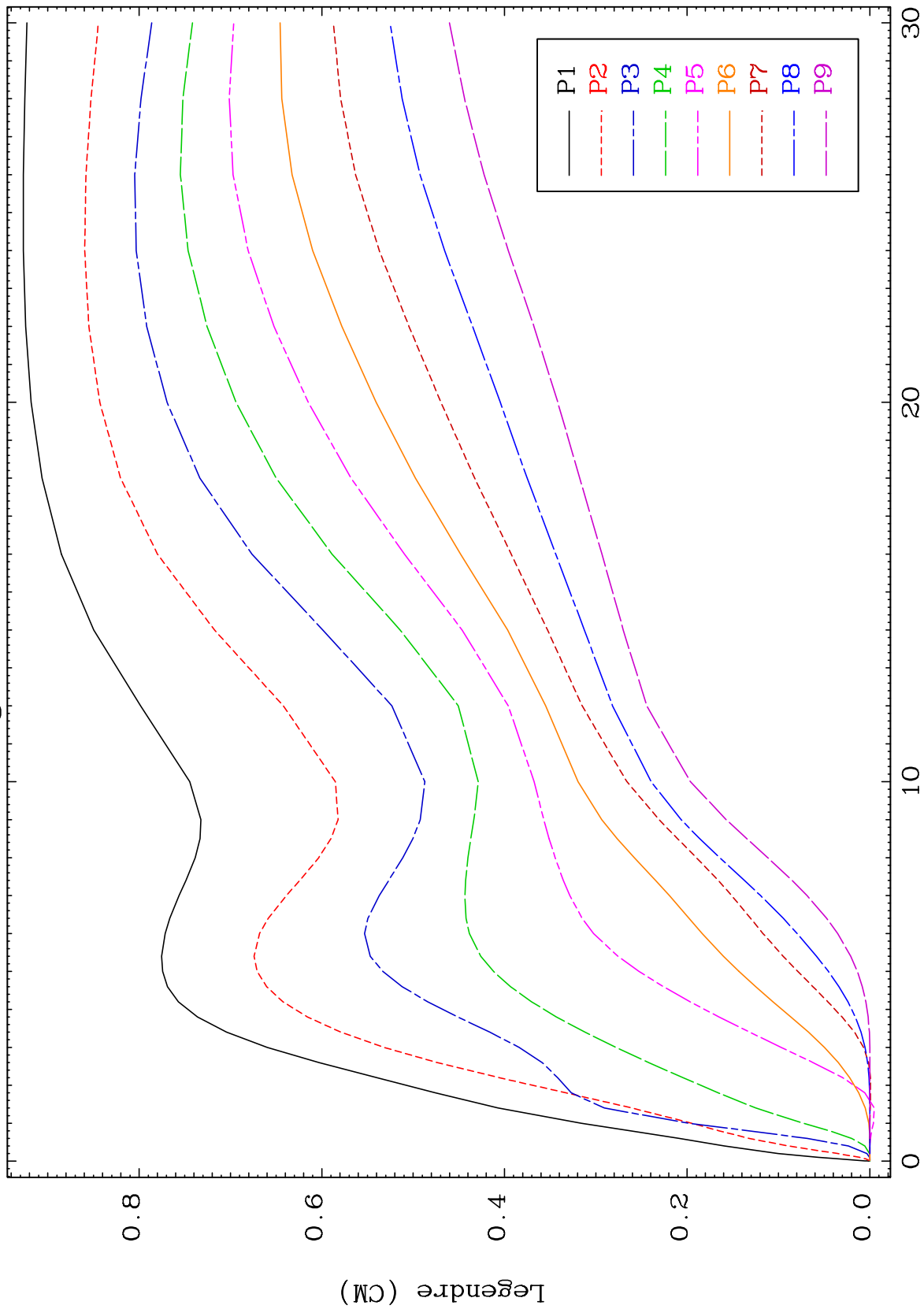




MAT 7846

Elastic Legendre Coefficients

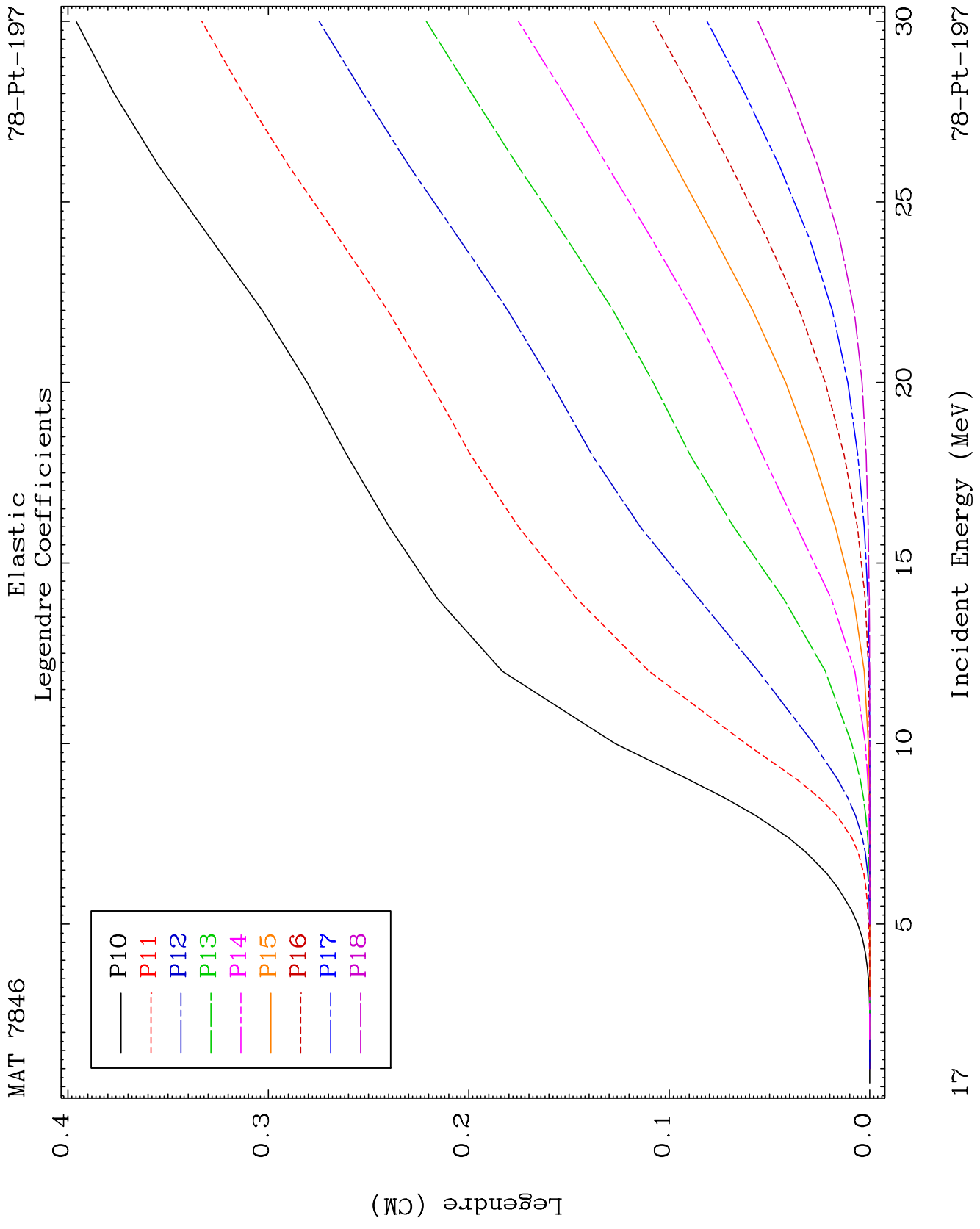
78-Pt-197



16

Incident Energy (MeV)

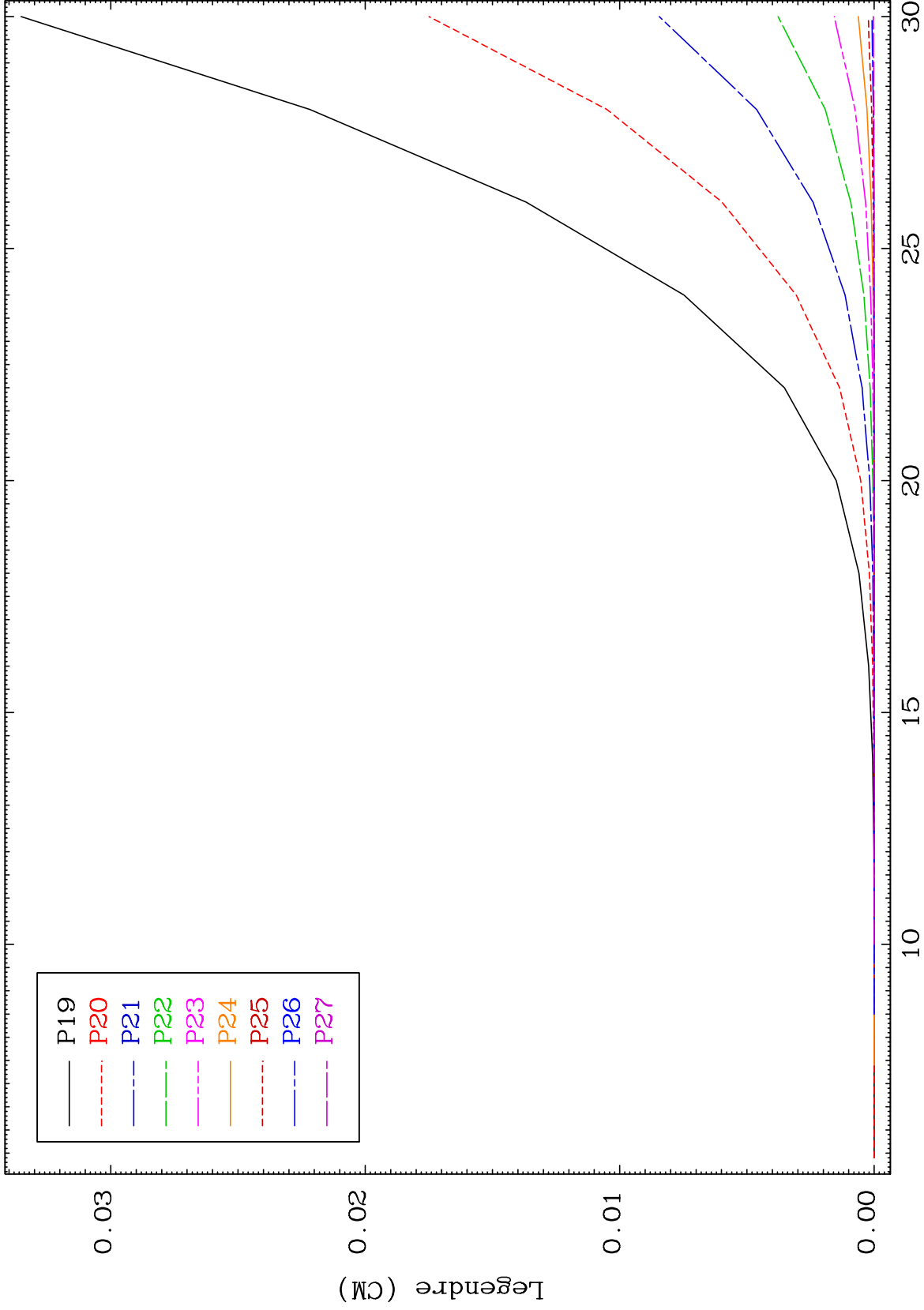
78-Pt-197



MAT 7846

Elastic Legendre Coefficients

78-Pt-197



18

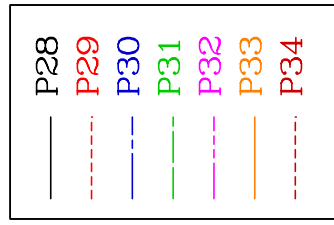
Incident Energy (MeV)

78-Pt-197

MAT 7846

Elastic Legendre Coefficients

78-Pt-197



$\times 10^{-5}$
1.0
0.8

Legendre (CM)

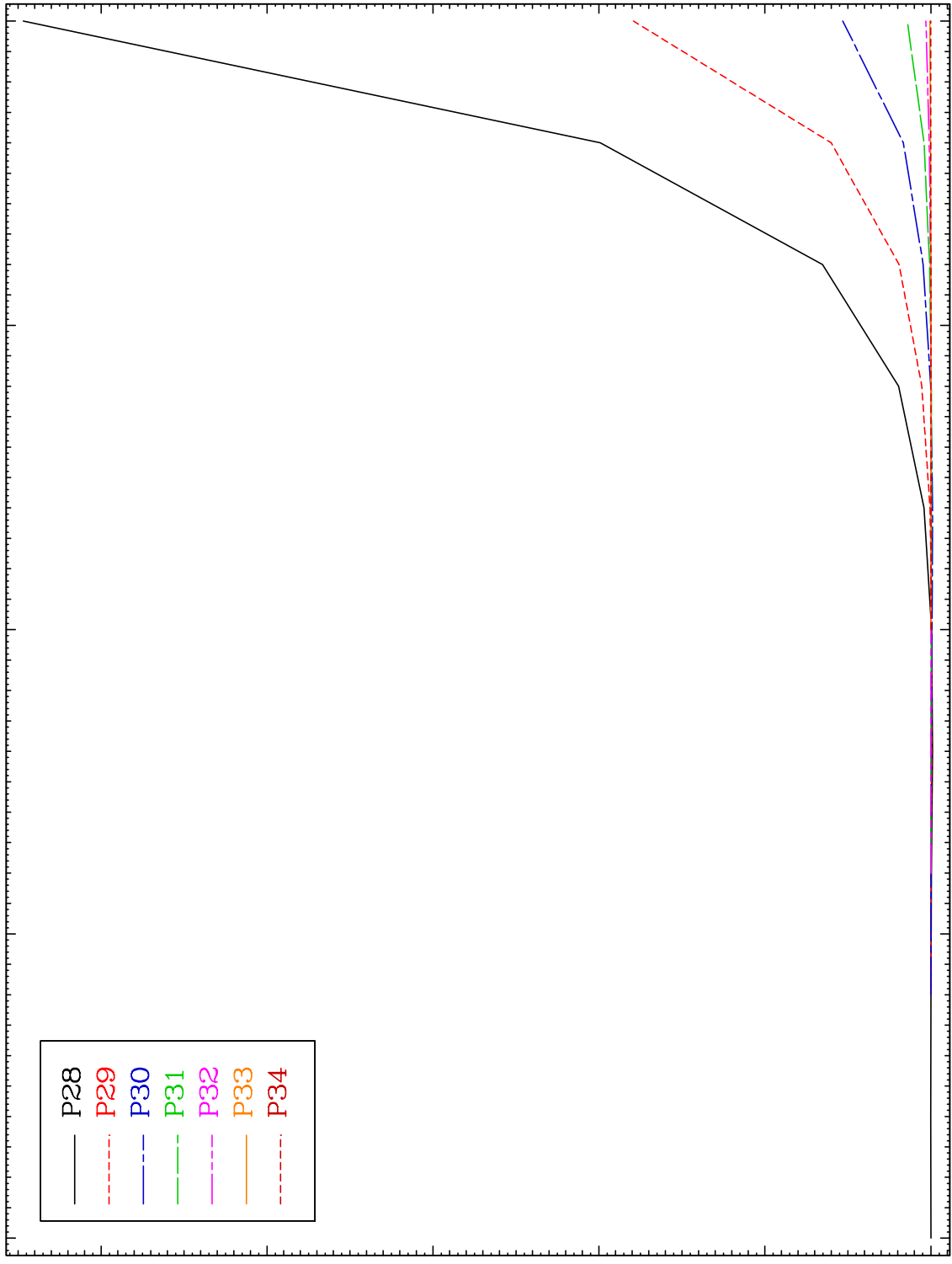
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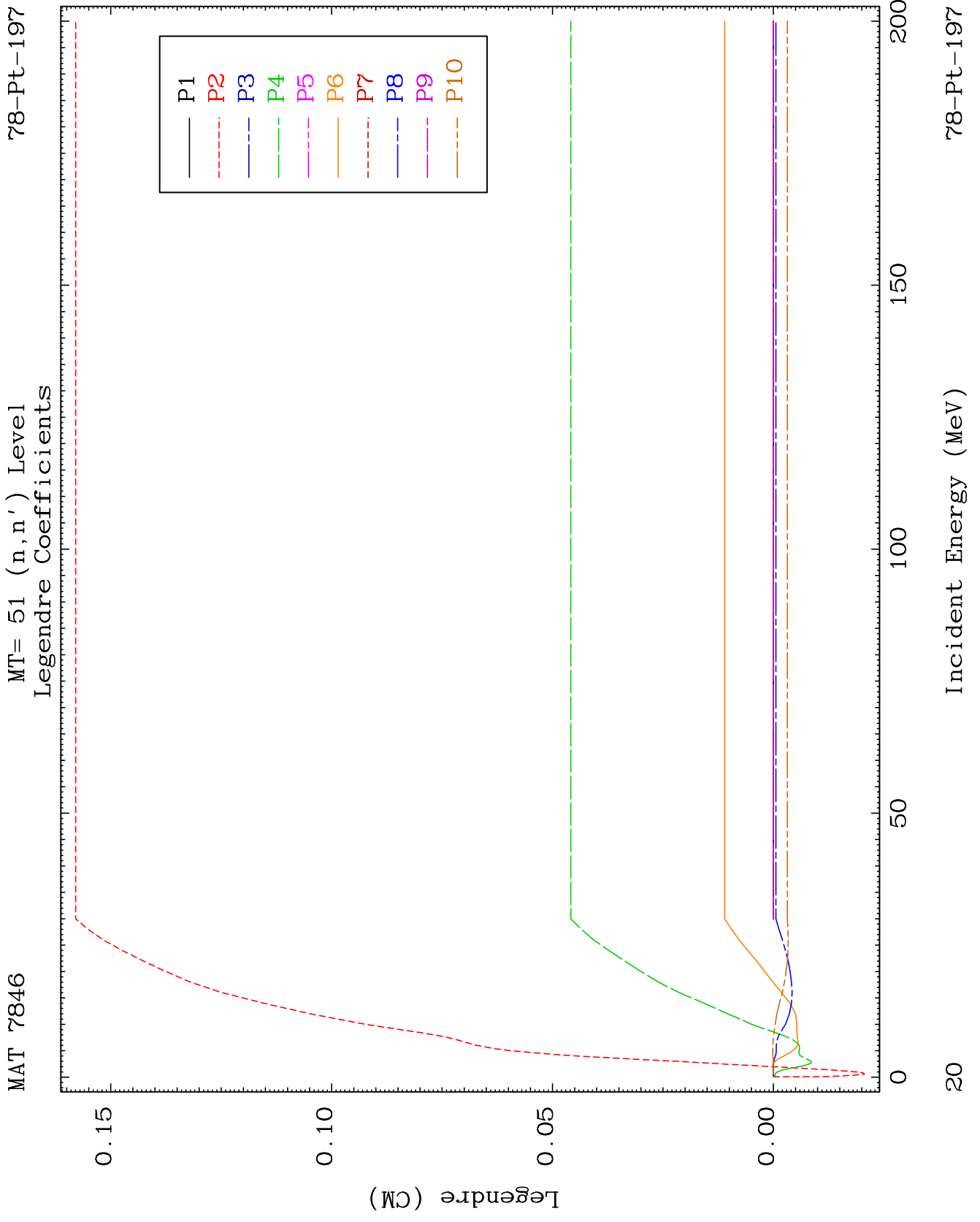
10
15
20
25
30

19

Incident Energy (MeV)

78-Pt-197

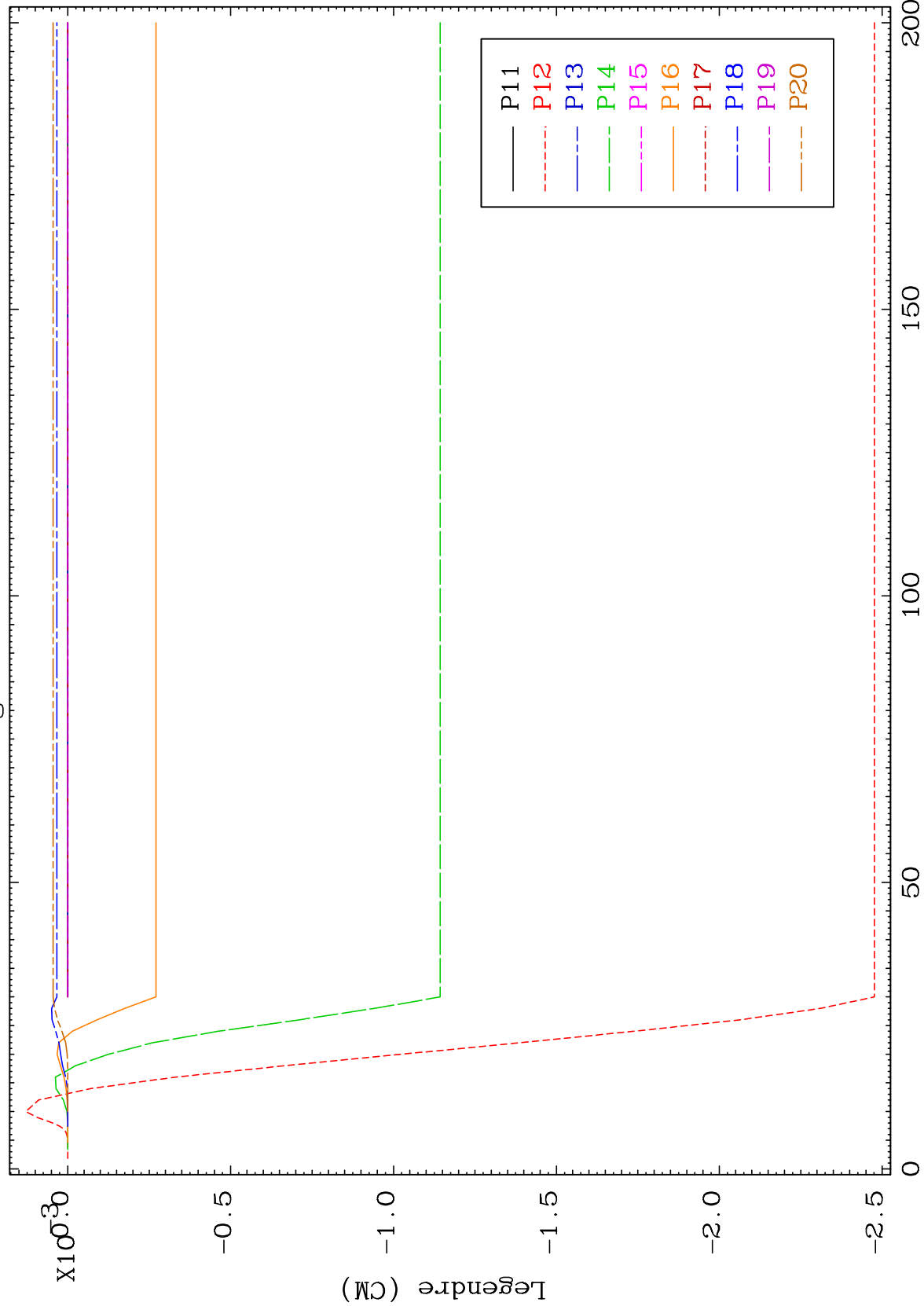


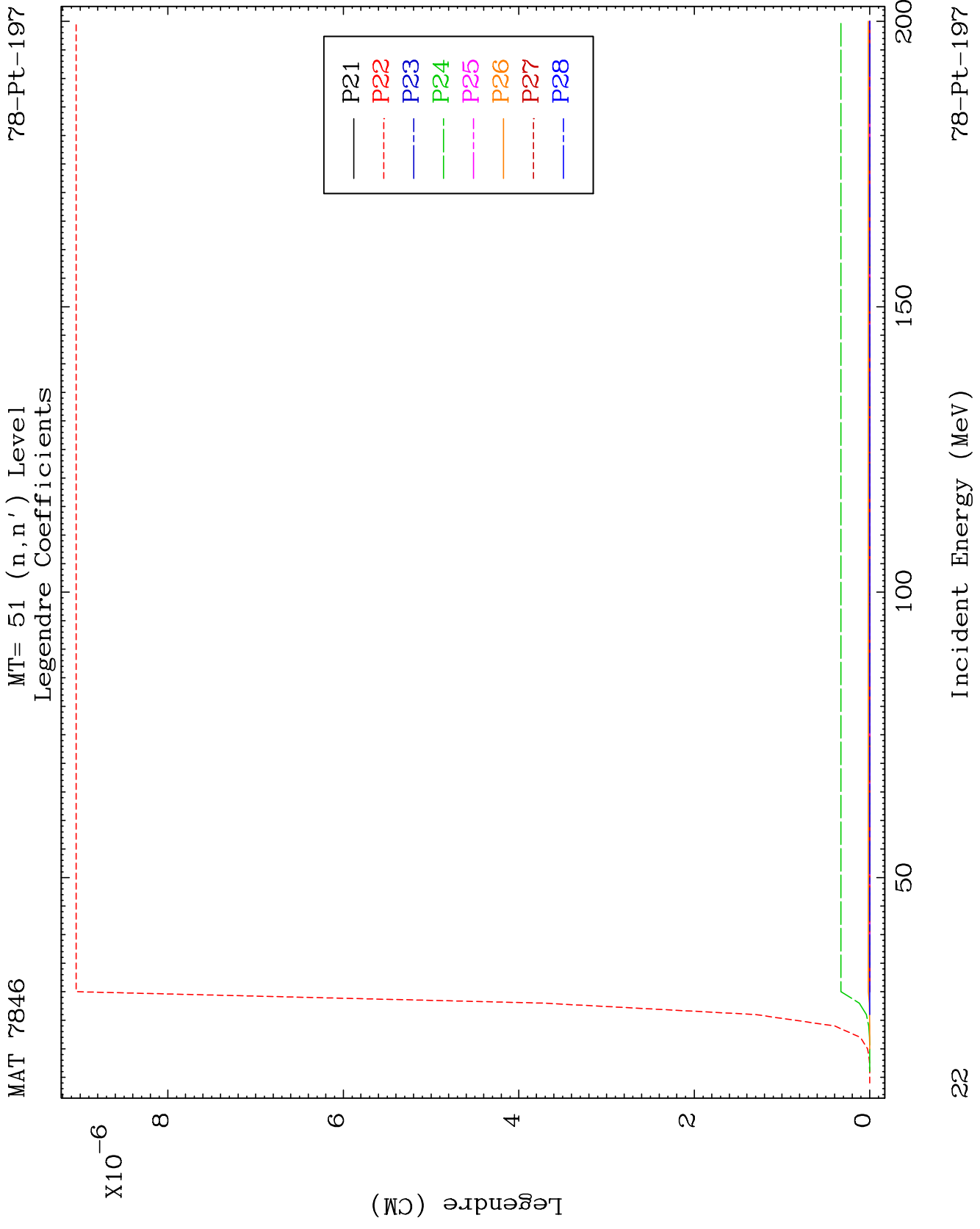


MAT 7846

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

78-Pt-197

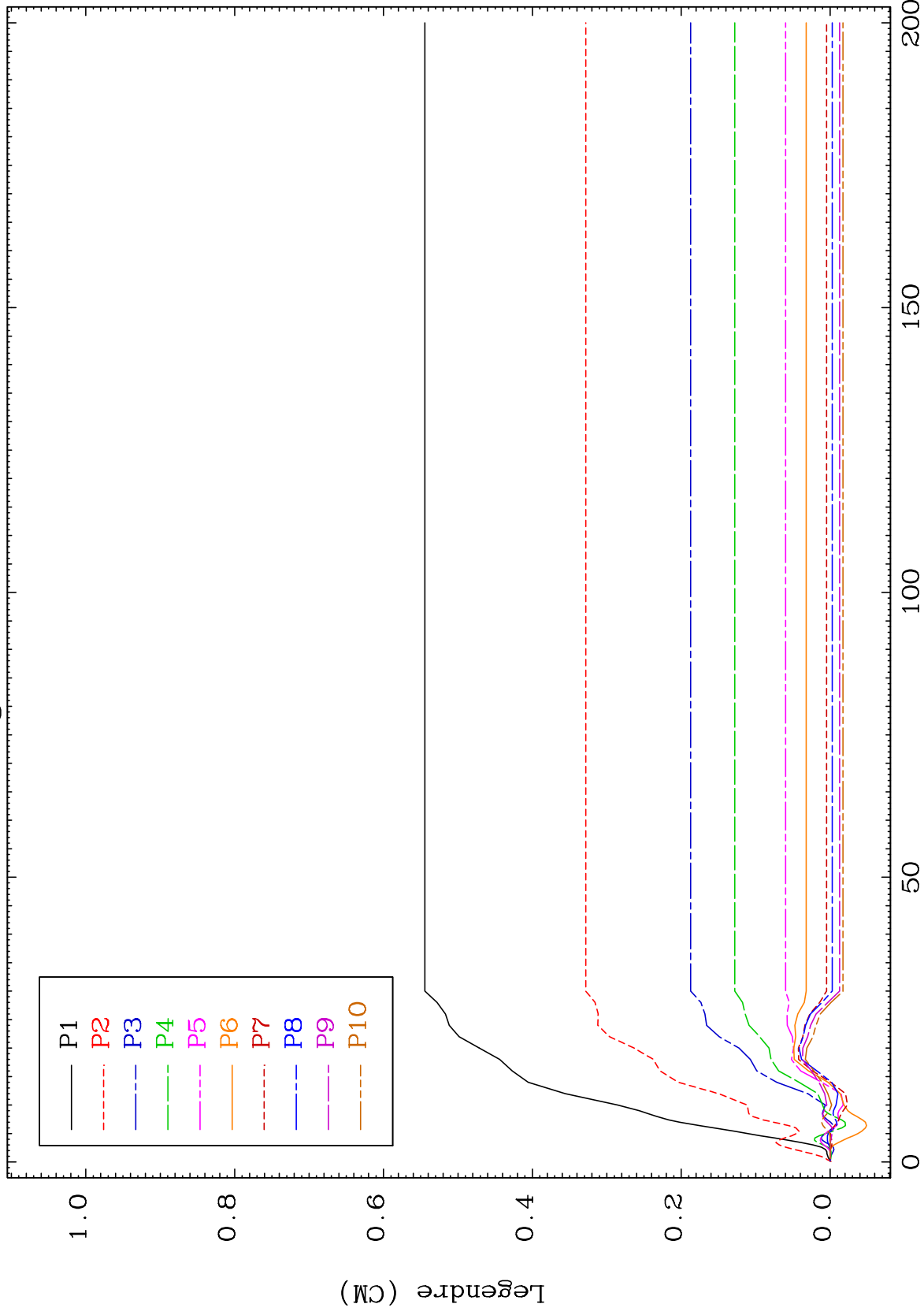




MAT 7846

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

78-Pt-197



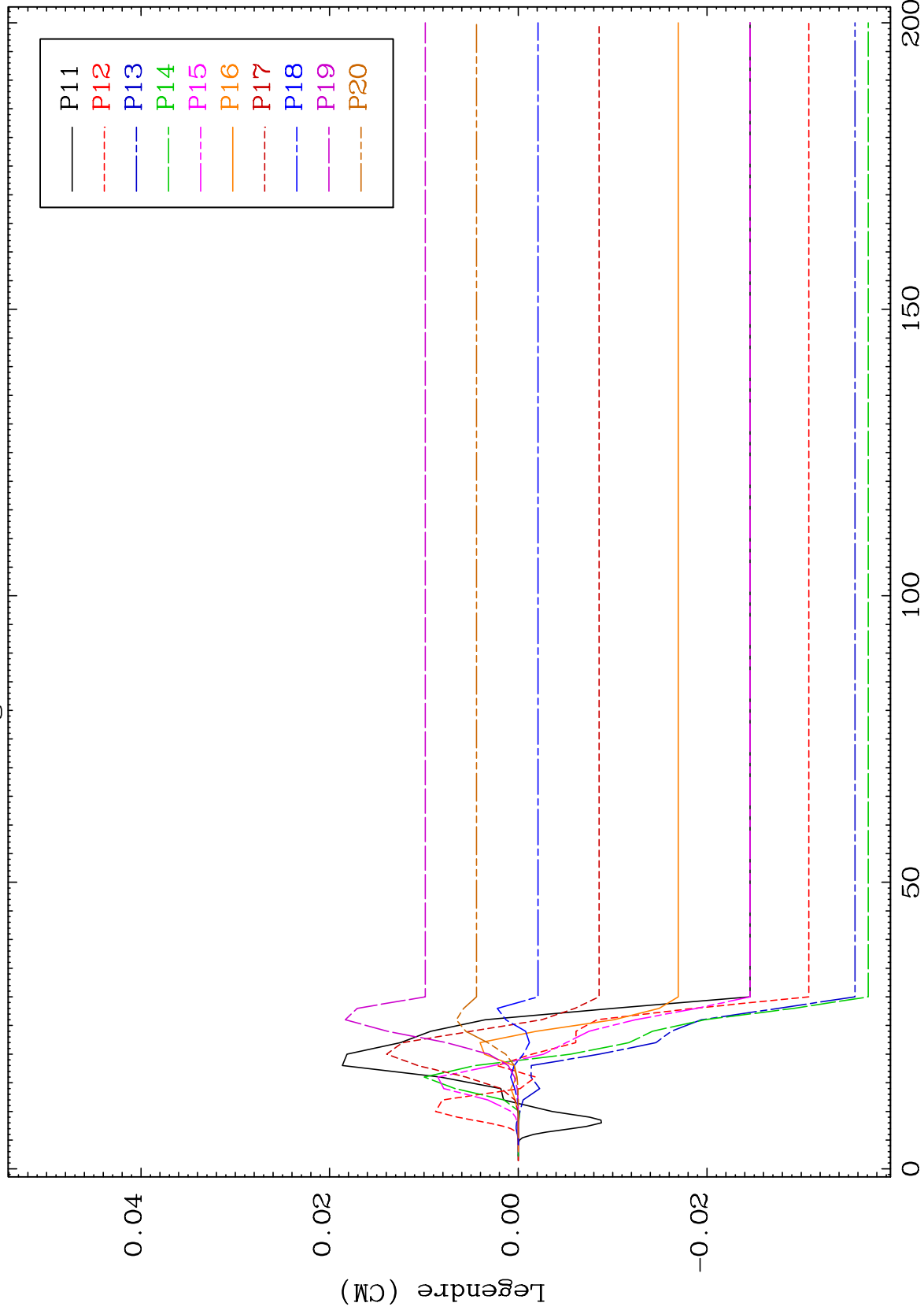
23

78-Pt-197

MAT 7846

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

78-Pt-197



24

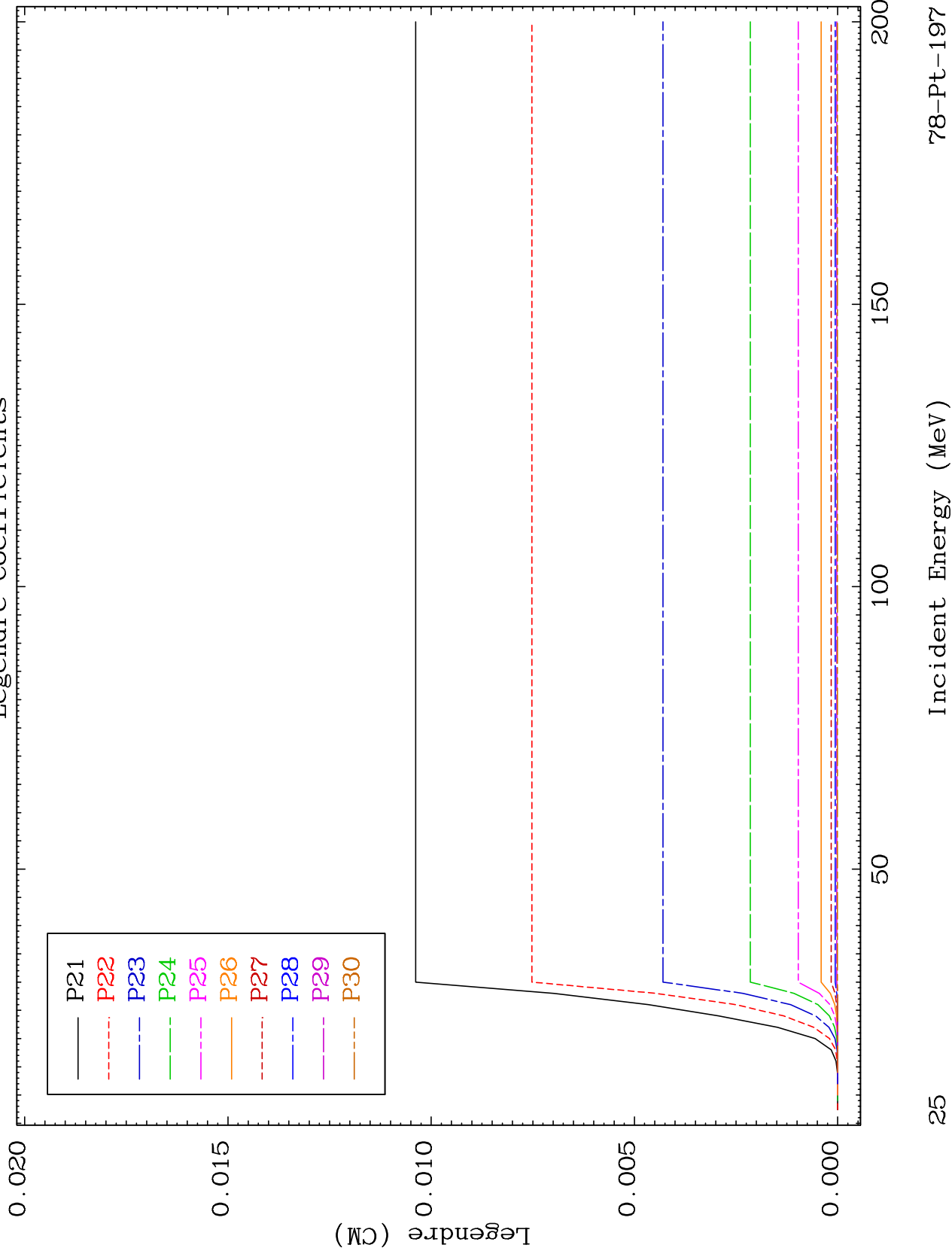
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



25

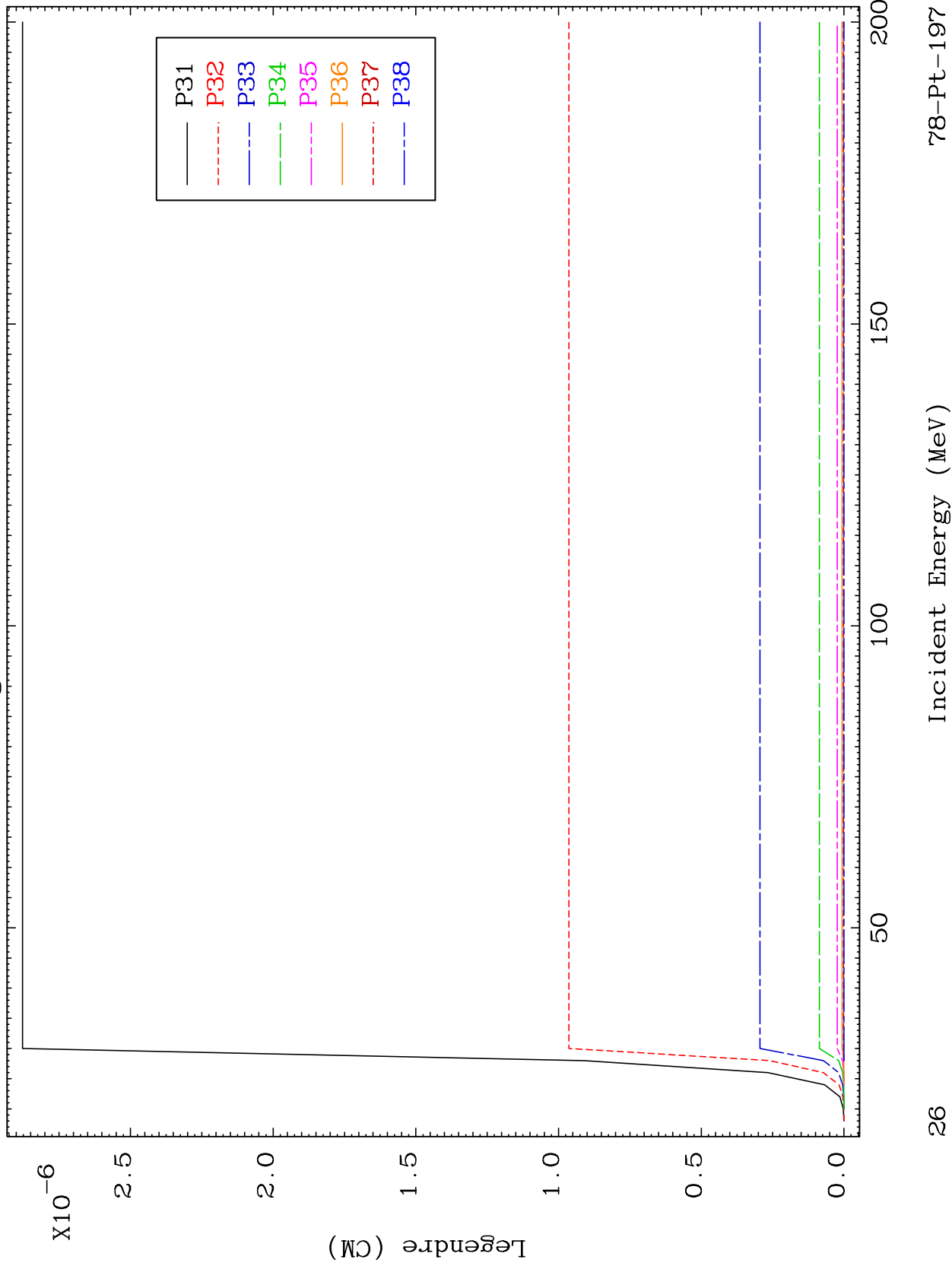
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



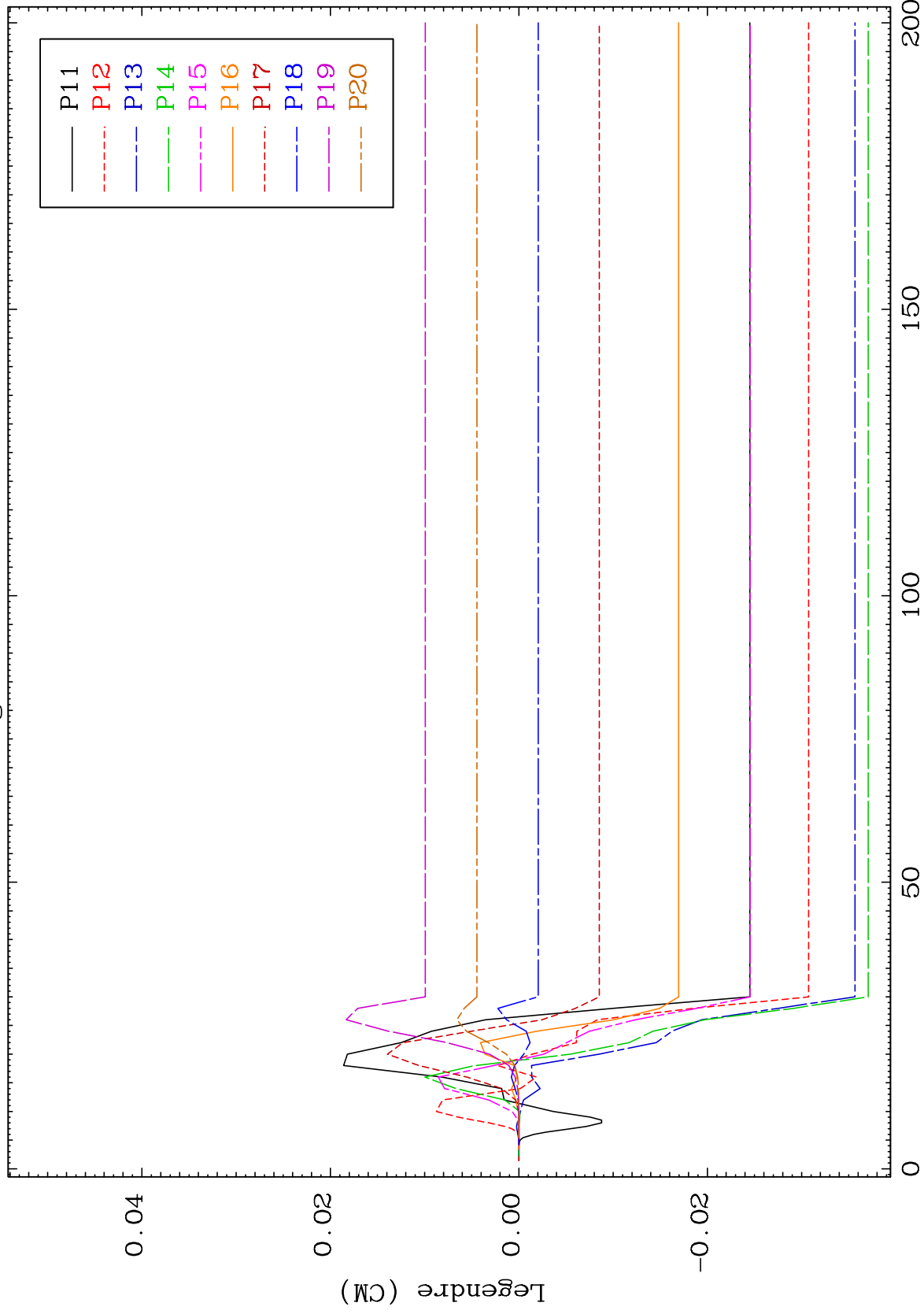
26

78-Pt-197

MAT 7846

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

78-Pt-197



28

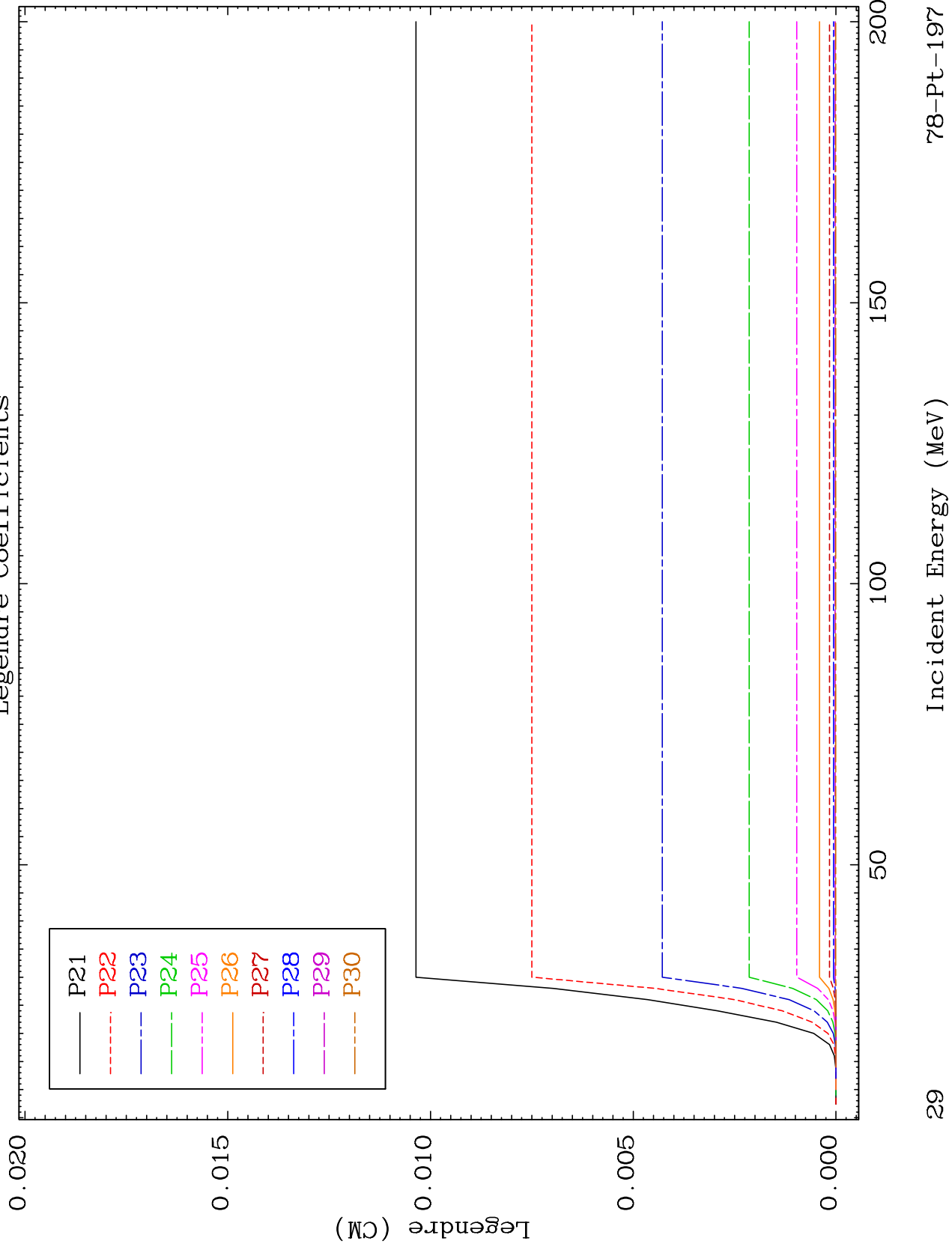
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



29

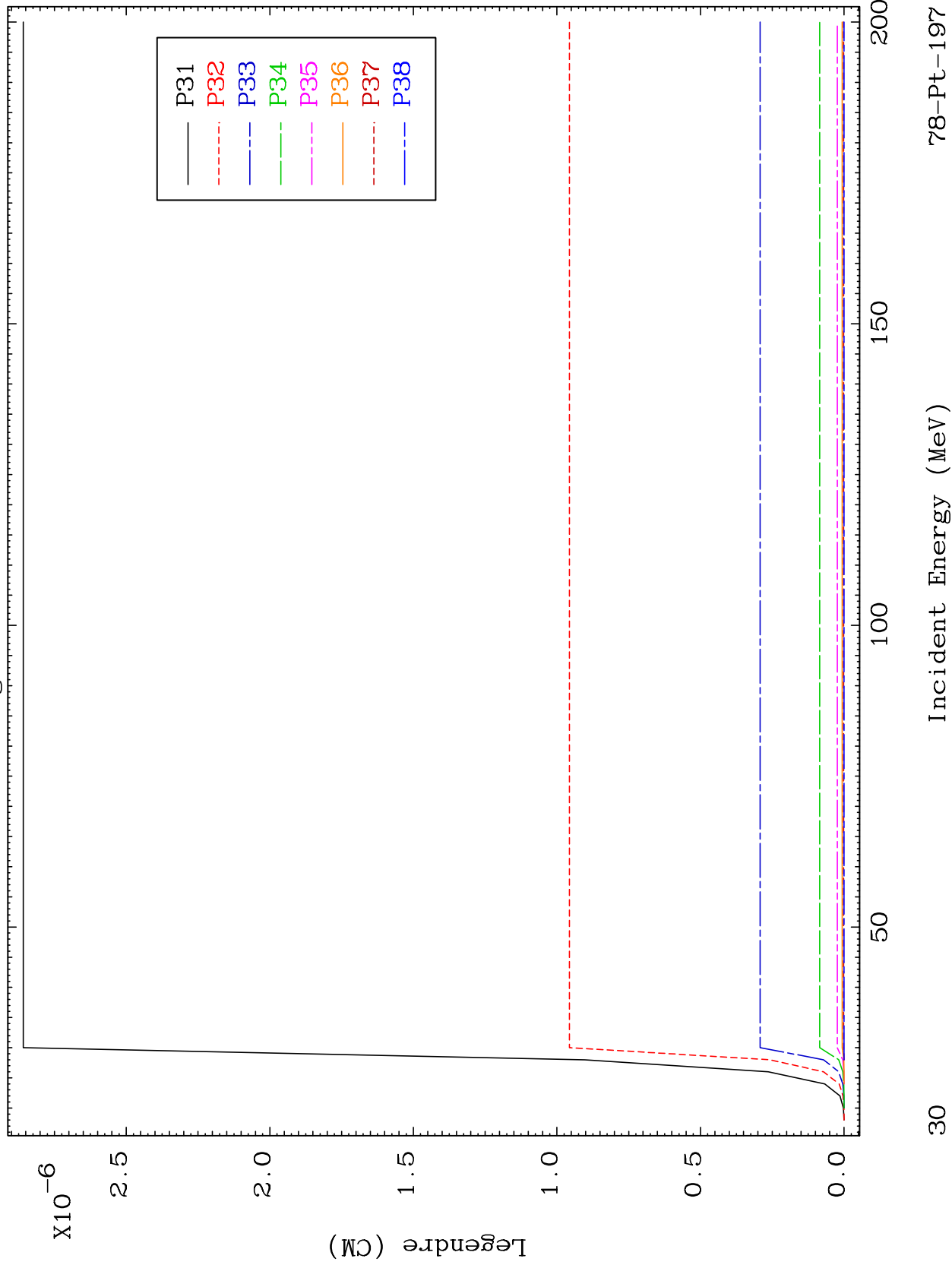
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

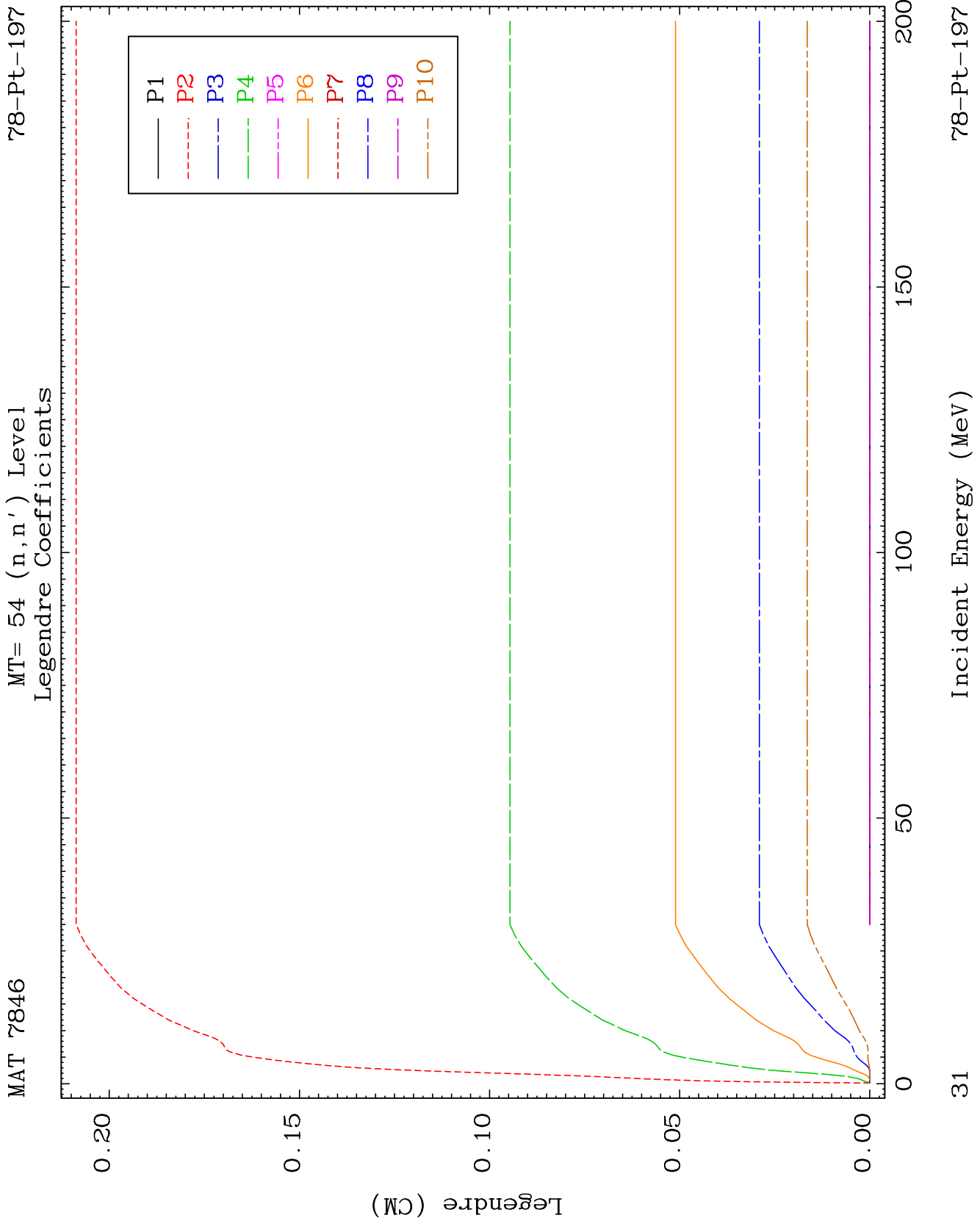
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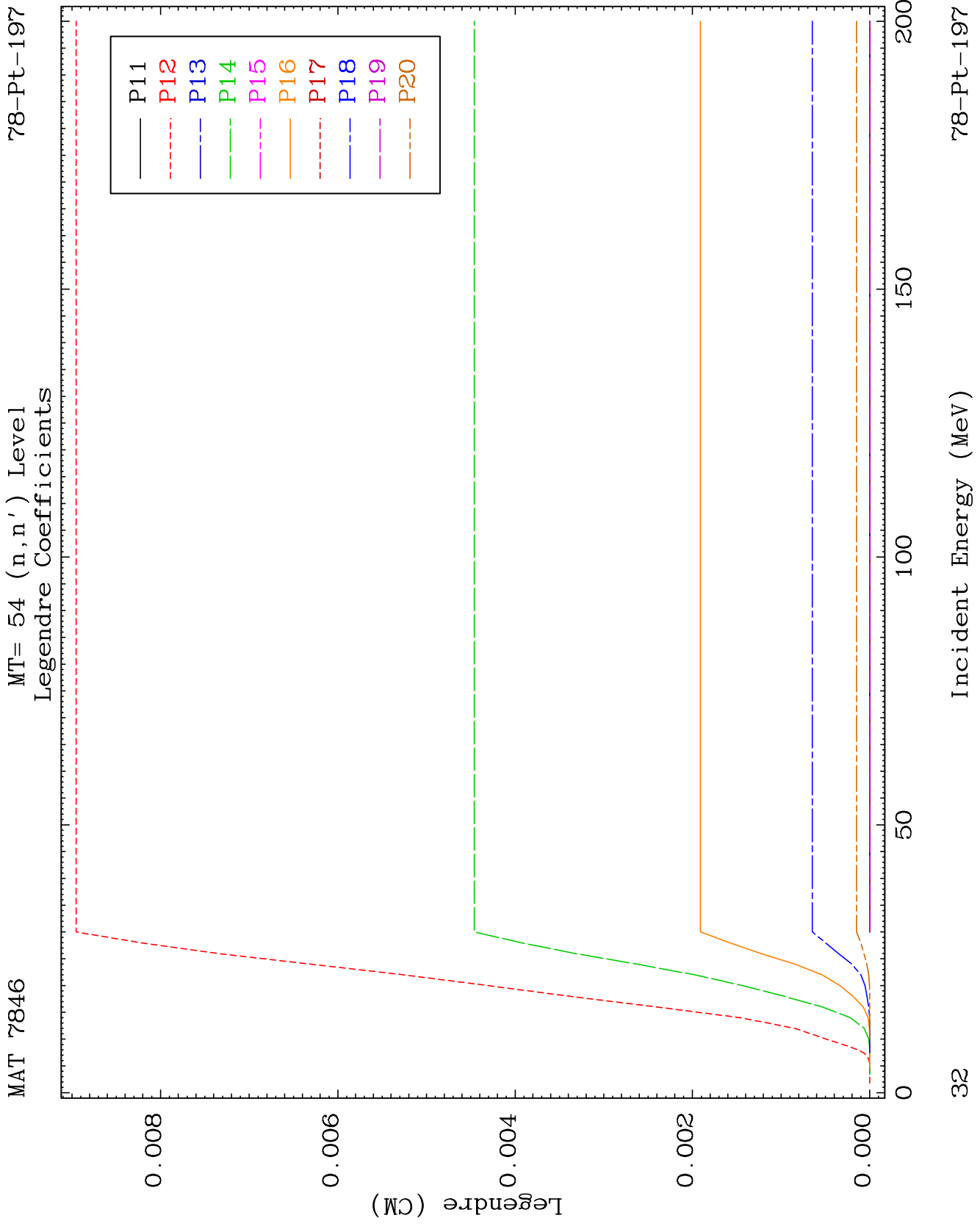


30

Incident Energy (MeV)

78-Pt-197

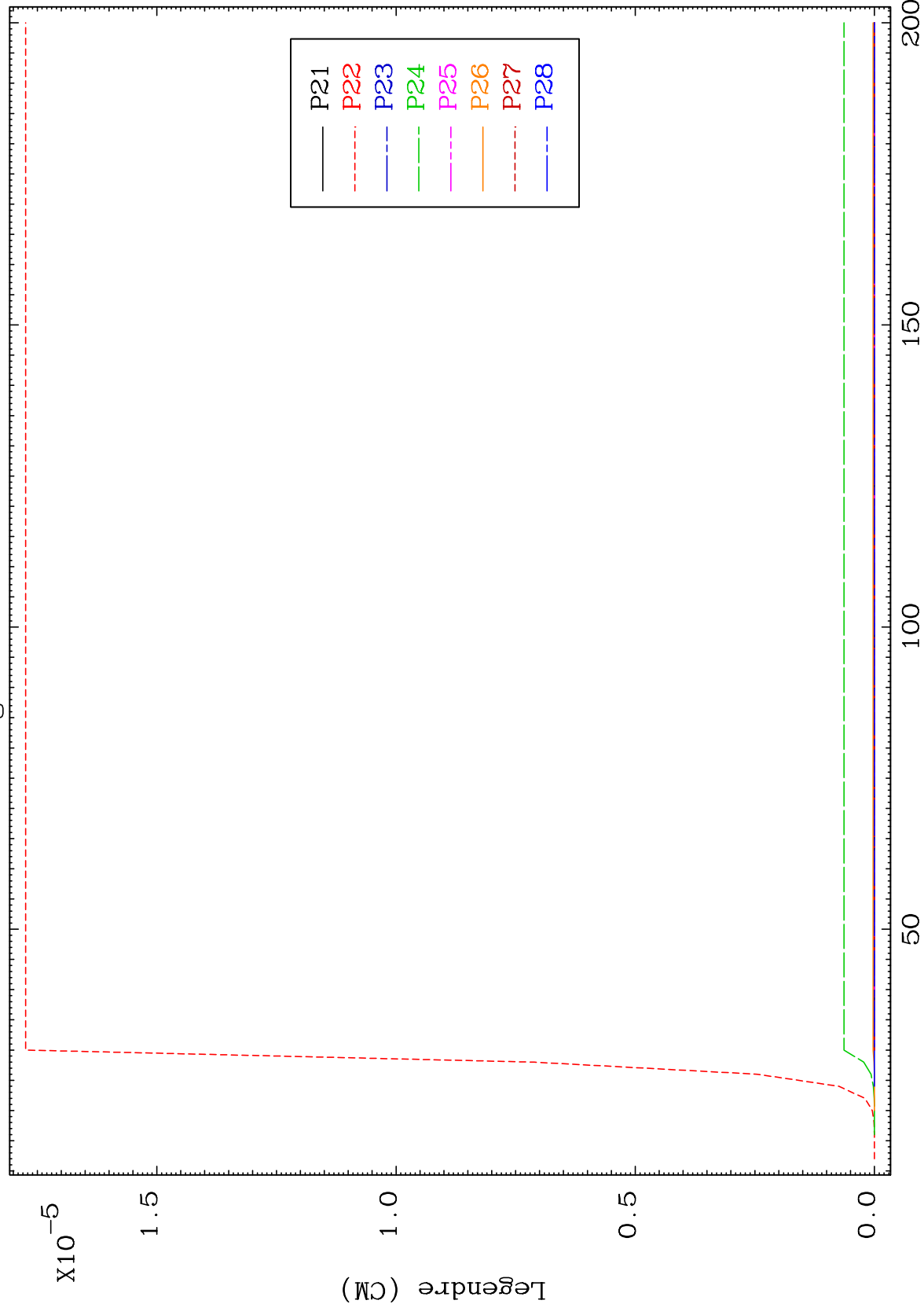




MAT 7846

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

78-Pt-197



78-Pt-197

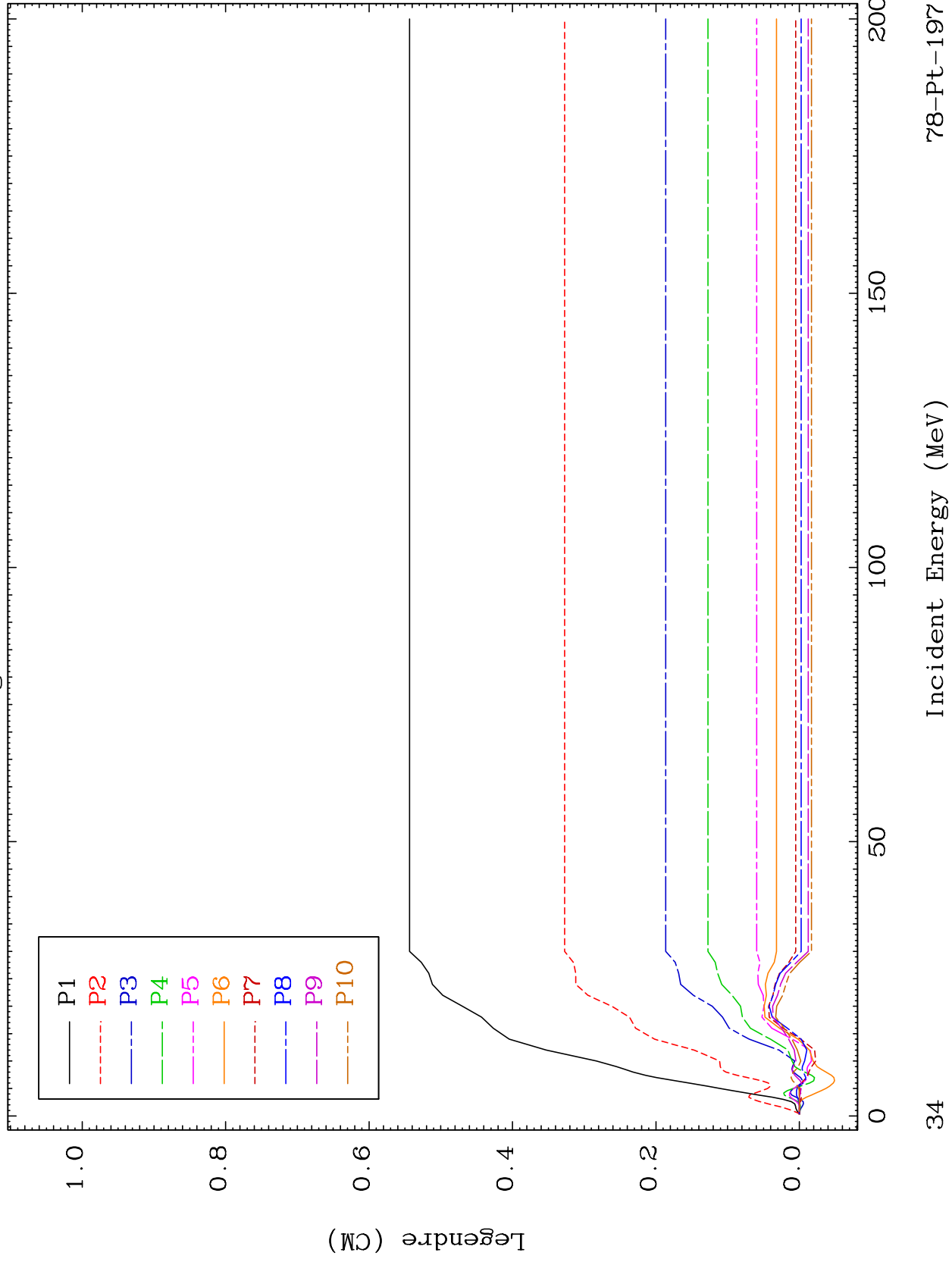
Incident Energy (MeV)

33

MAT 7846

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

78-Pt-197

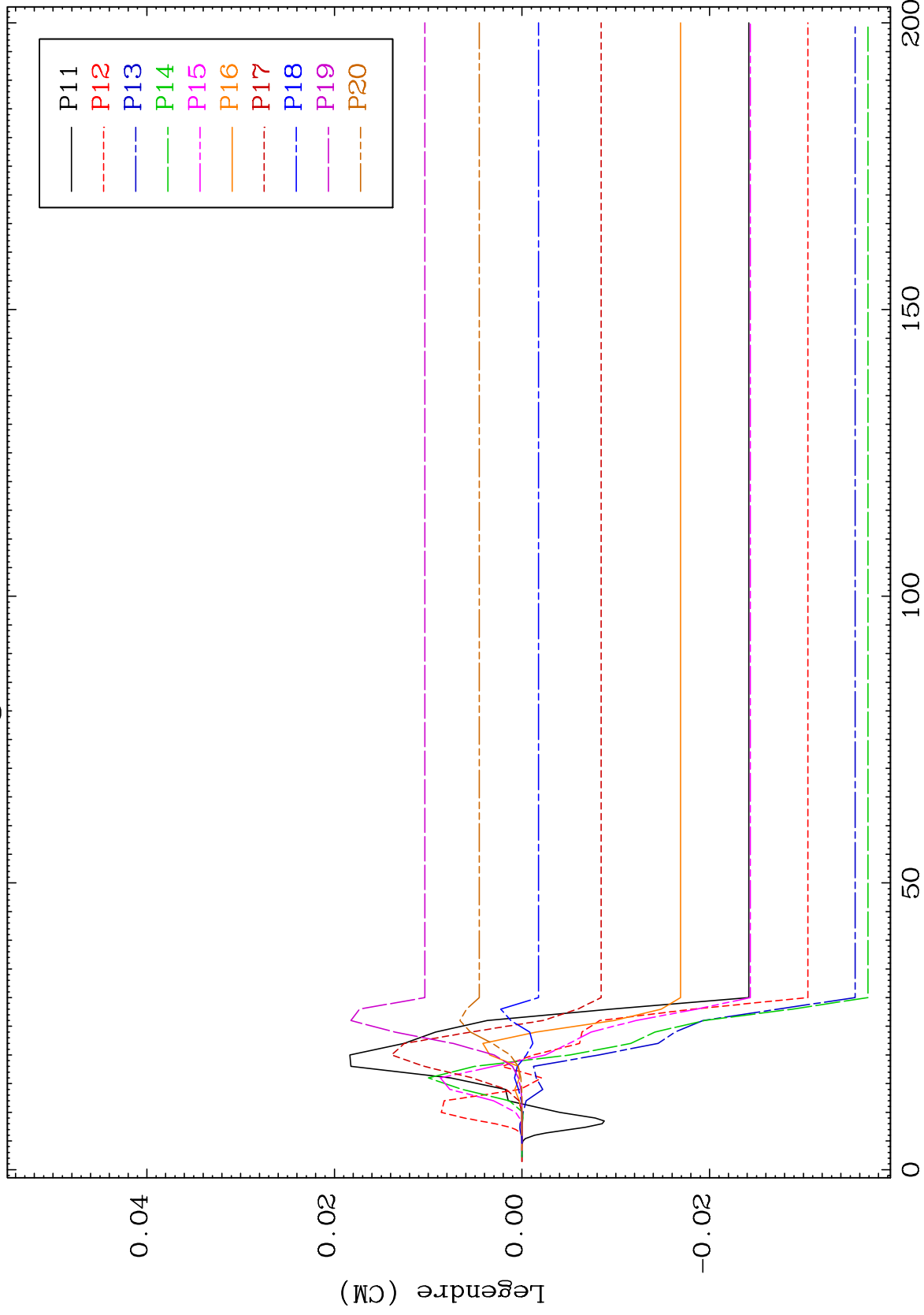


34

MAT 7846

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

78-Pt-197



35

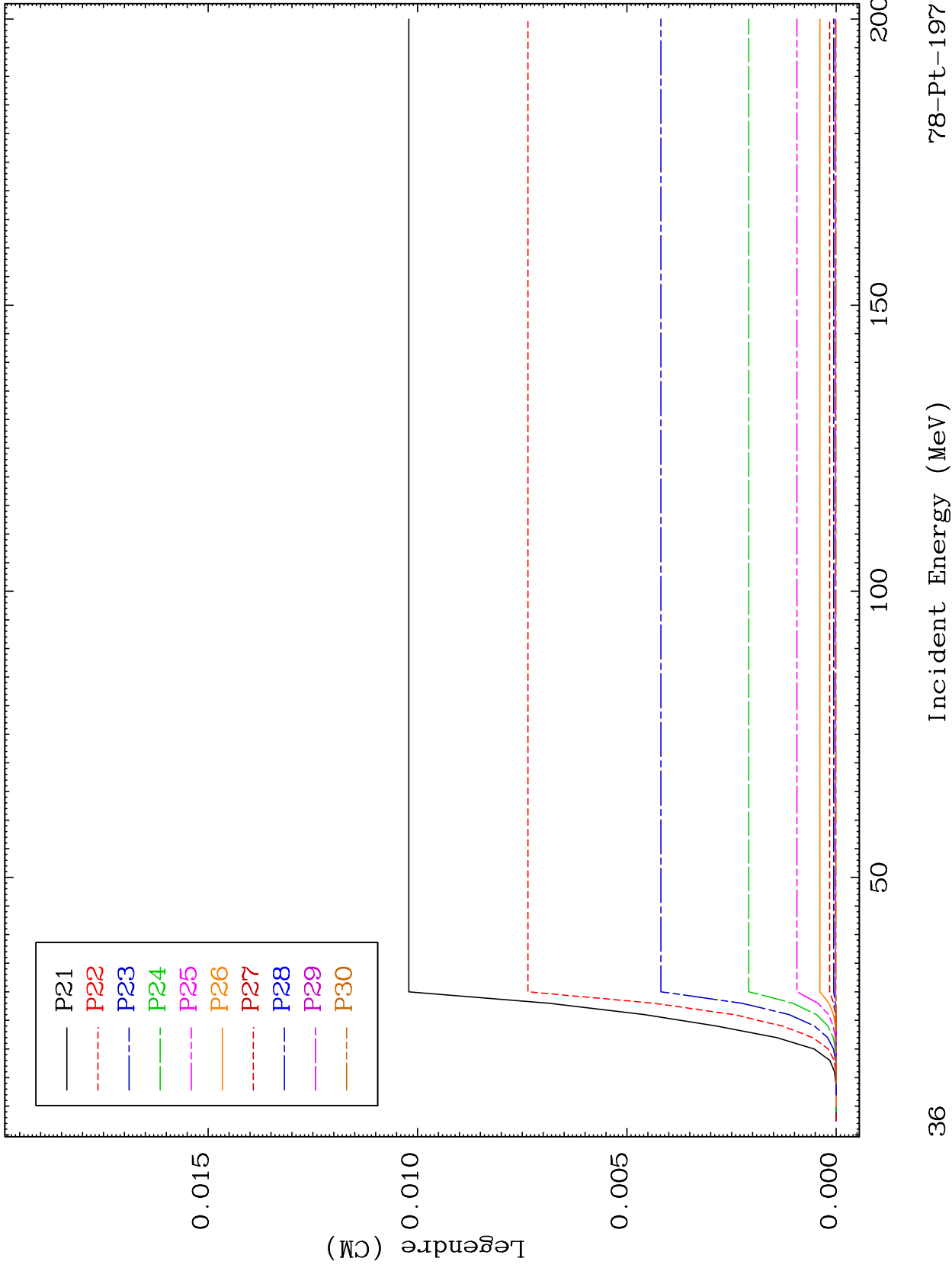
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



36

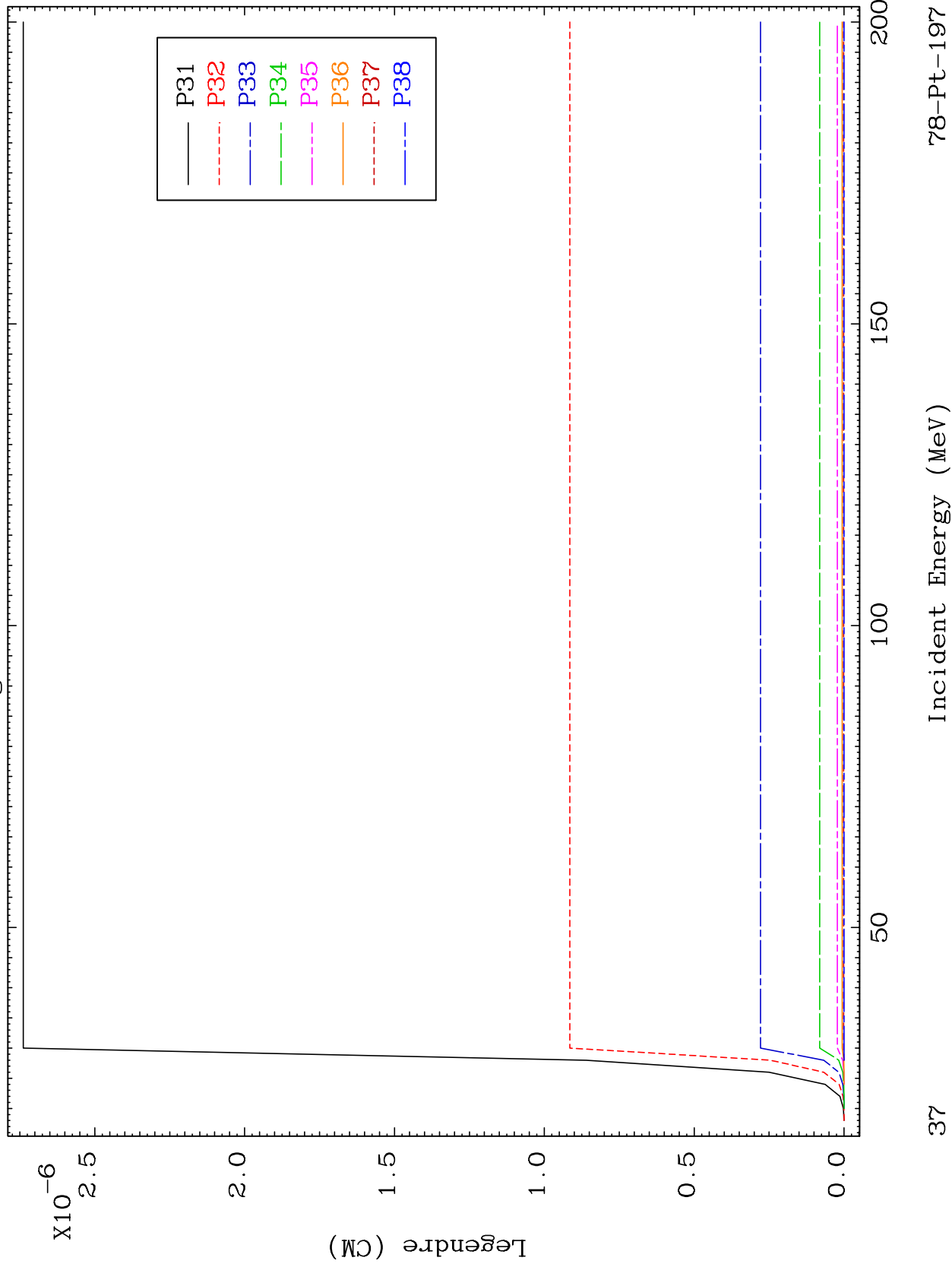
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

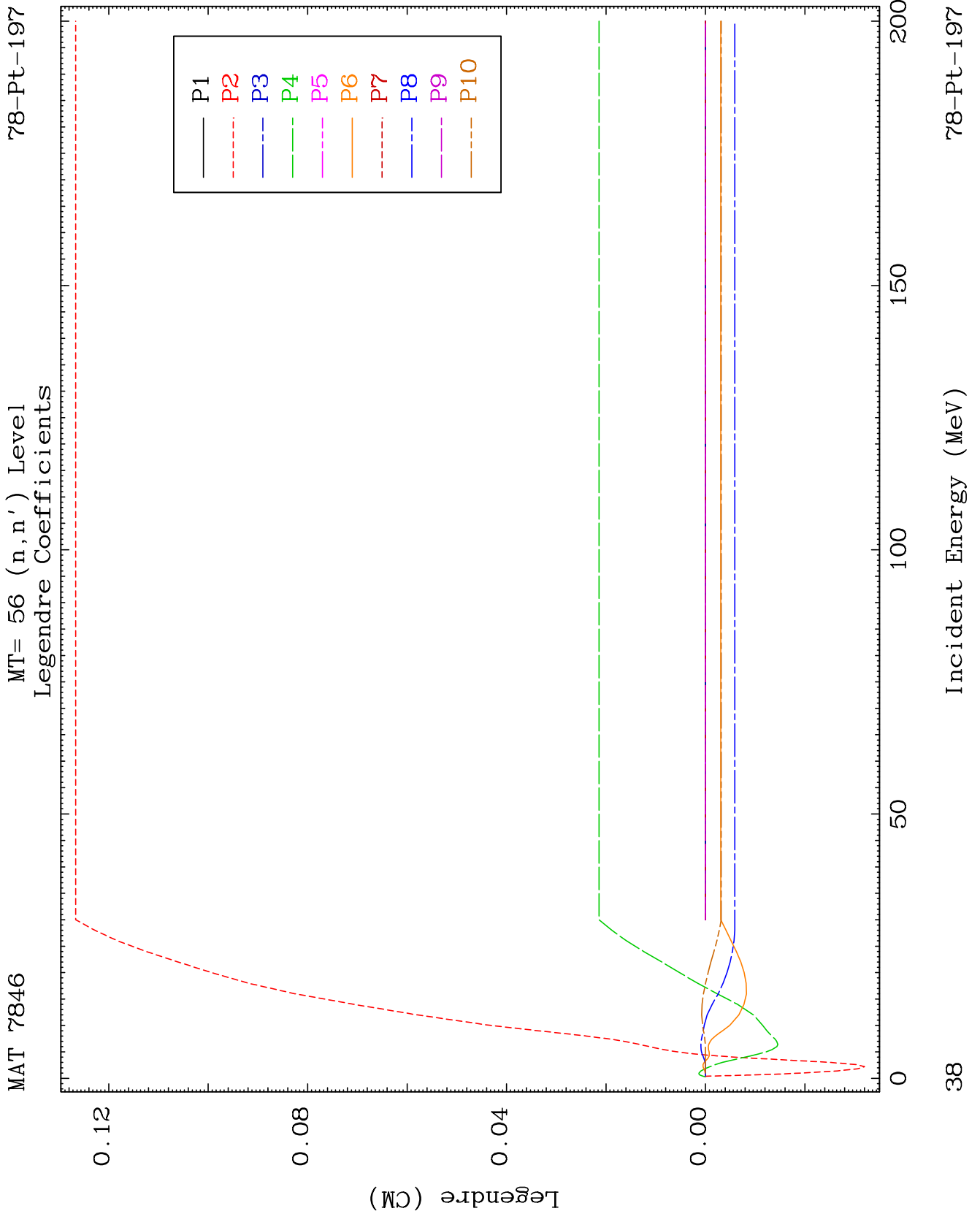
78-Pt-197



37

Incident Energy (MeV)

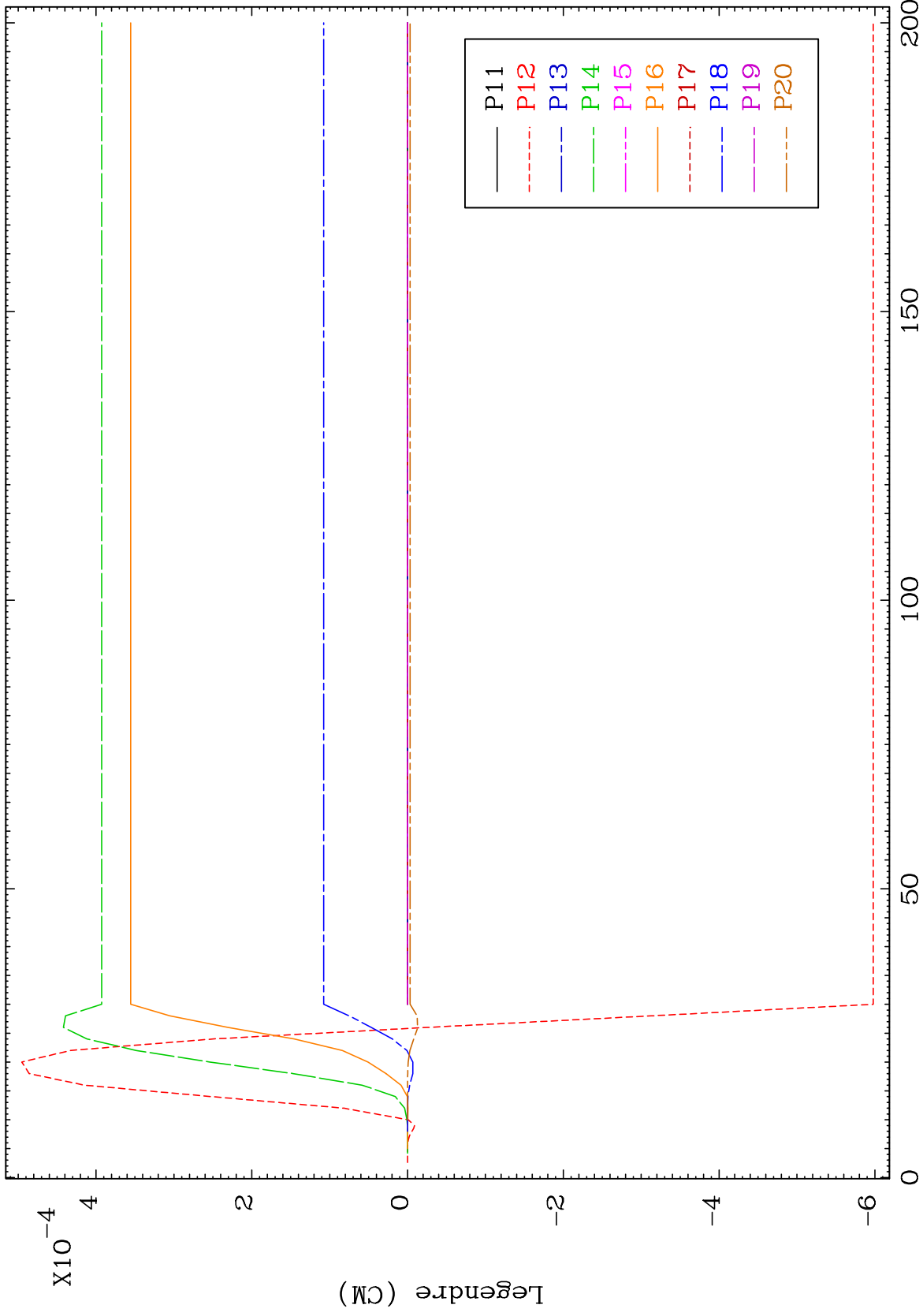
78-Pt-197



MAT 7846

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

78-Pt-197



39

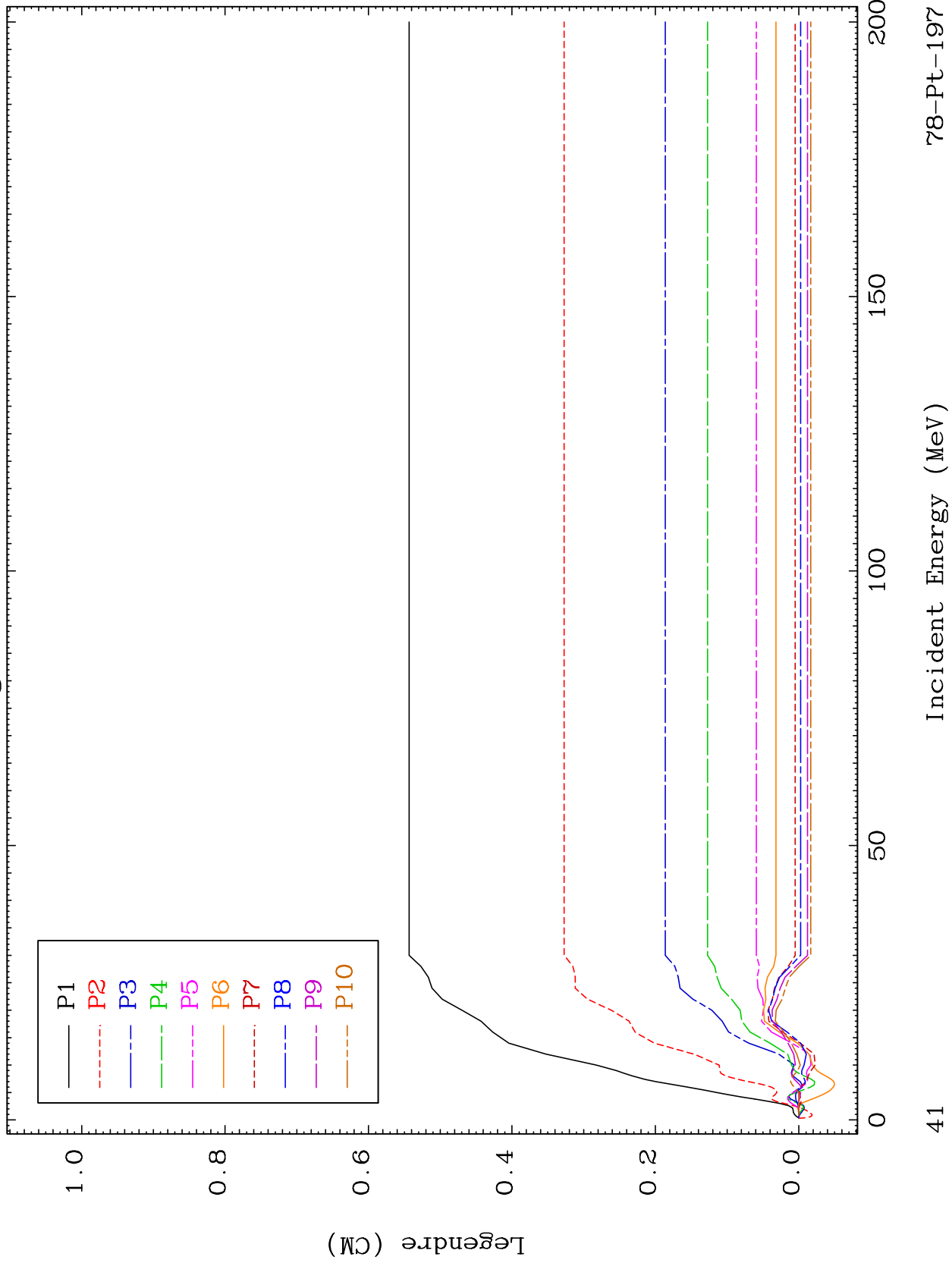
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

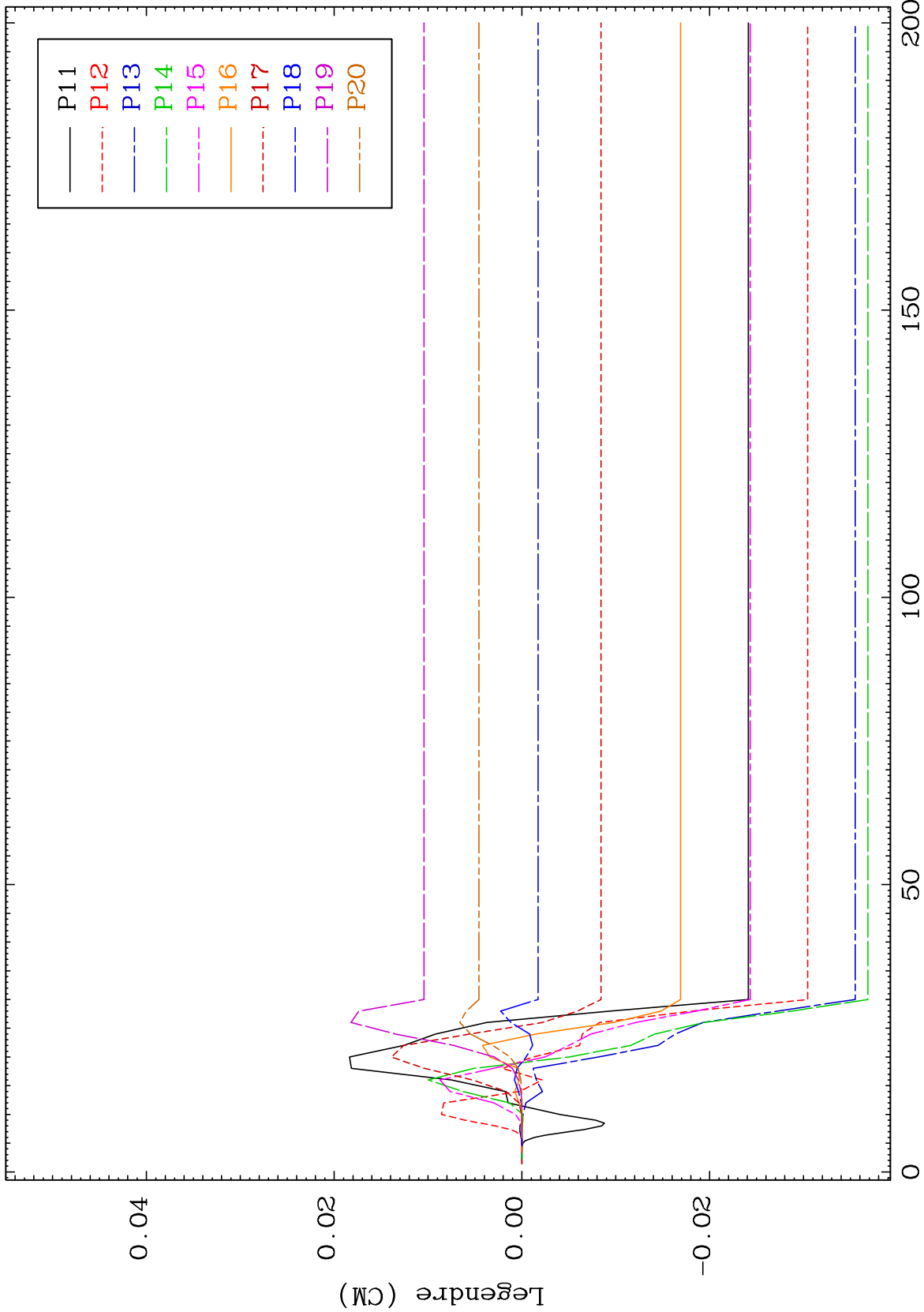
78-Pt-197



MAT 7846

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

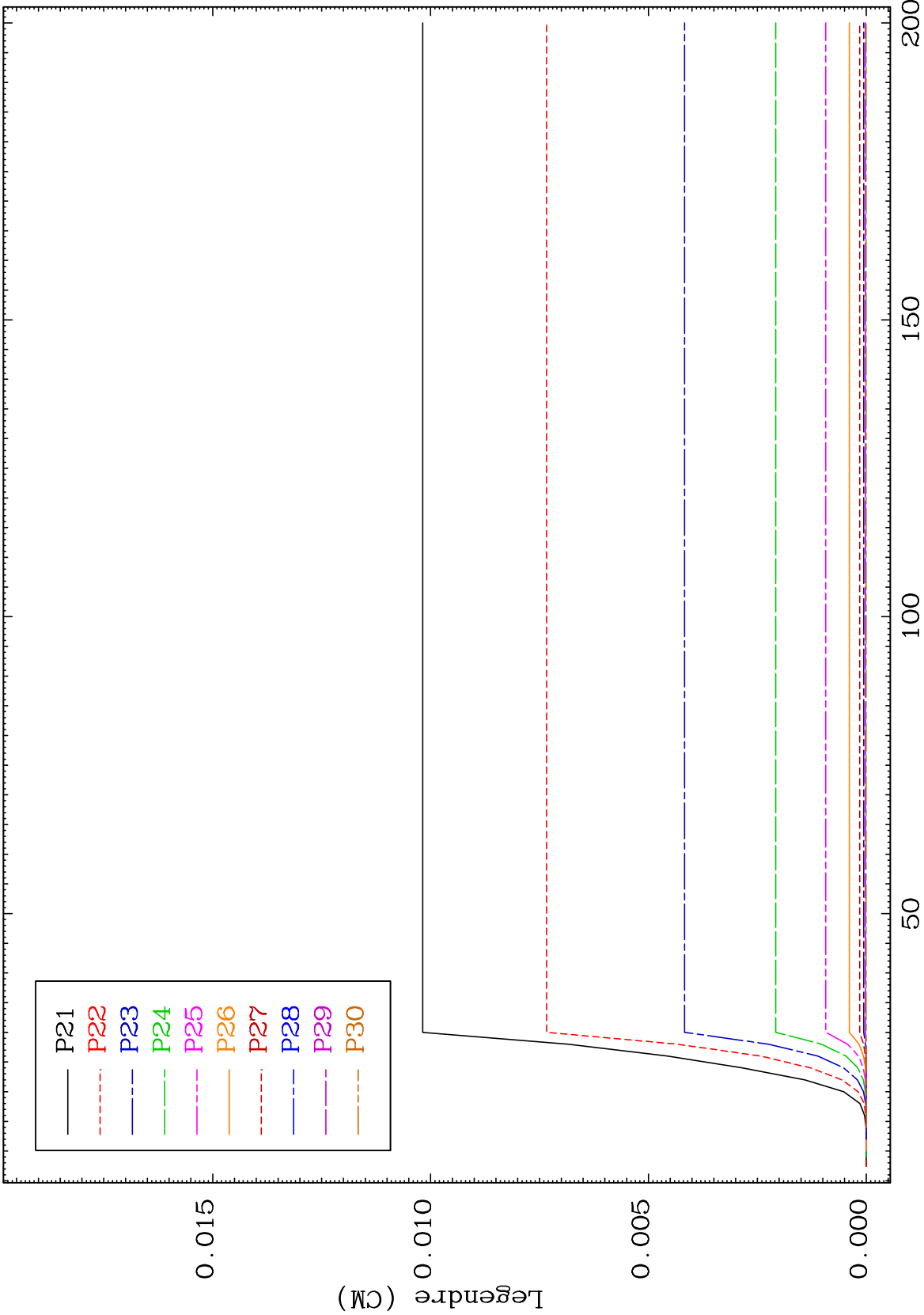
78-Pt-197



MAT 7846

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

78-Pt-197



43

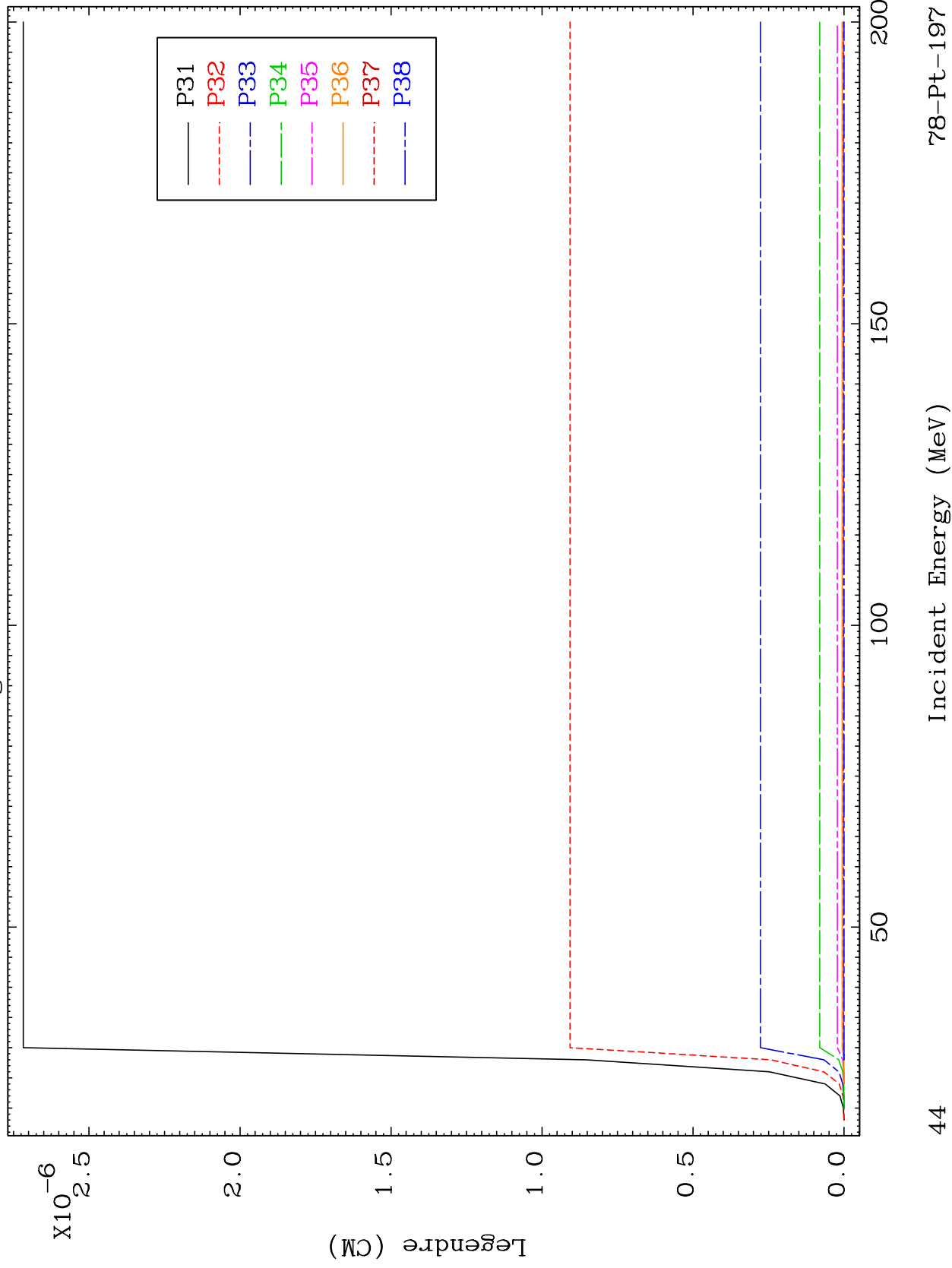
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



44

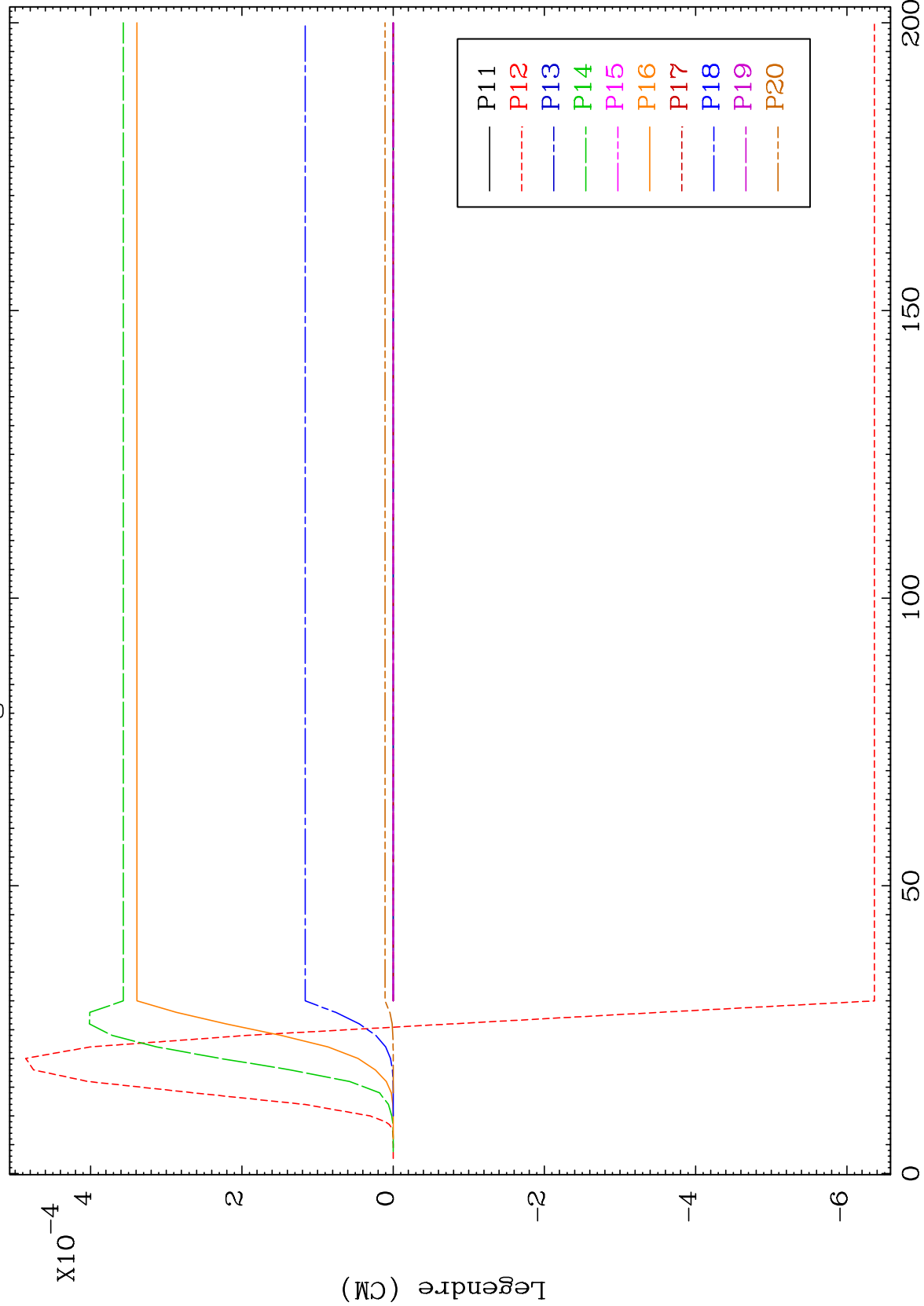
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

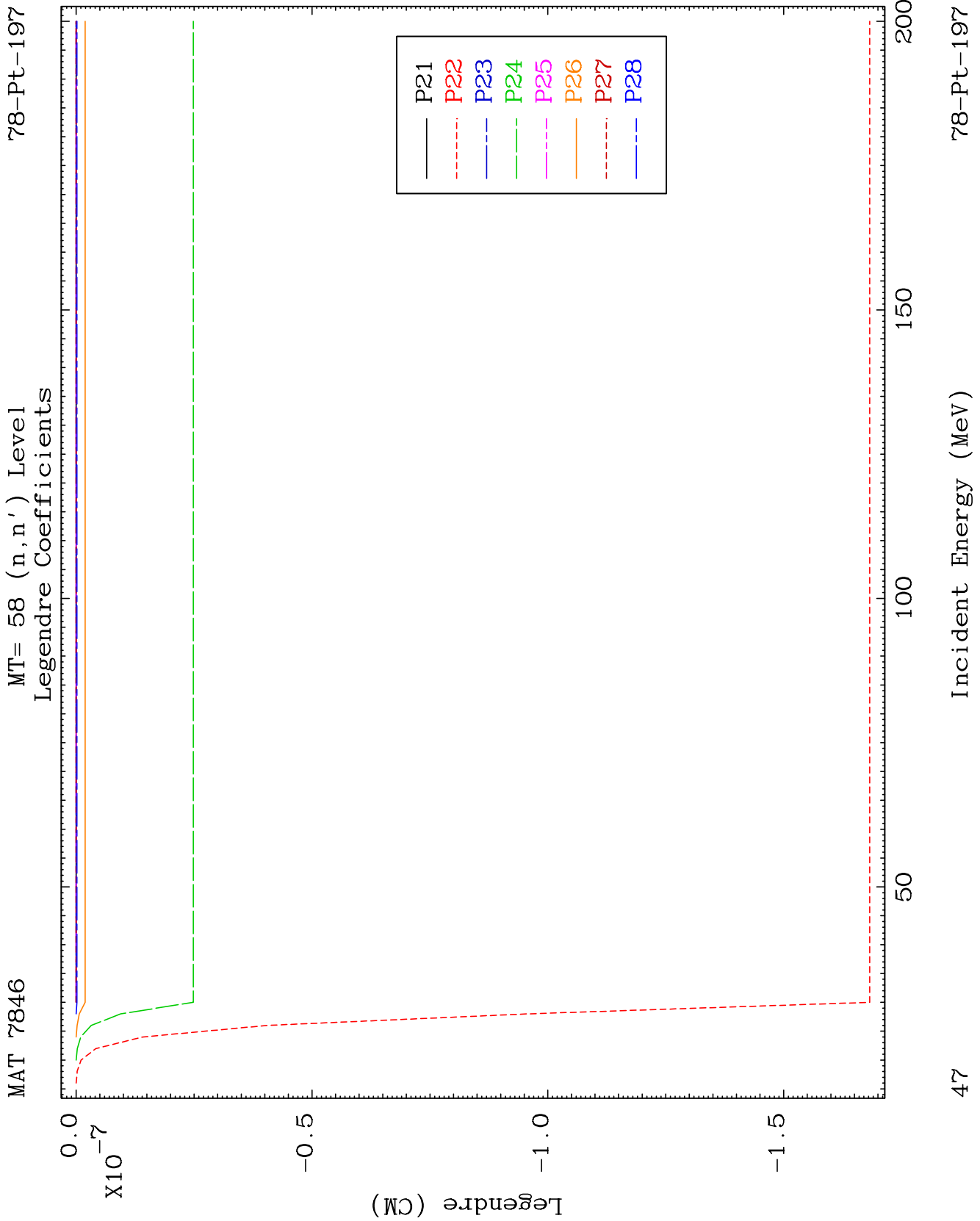
78-Pt-197



46

Incident Energy (MeV)

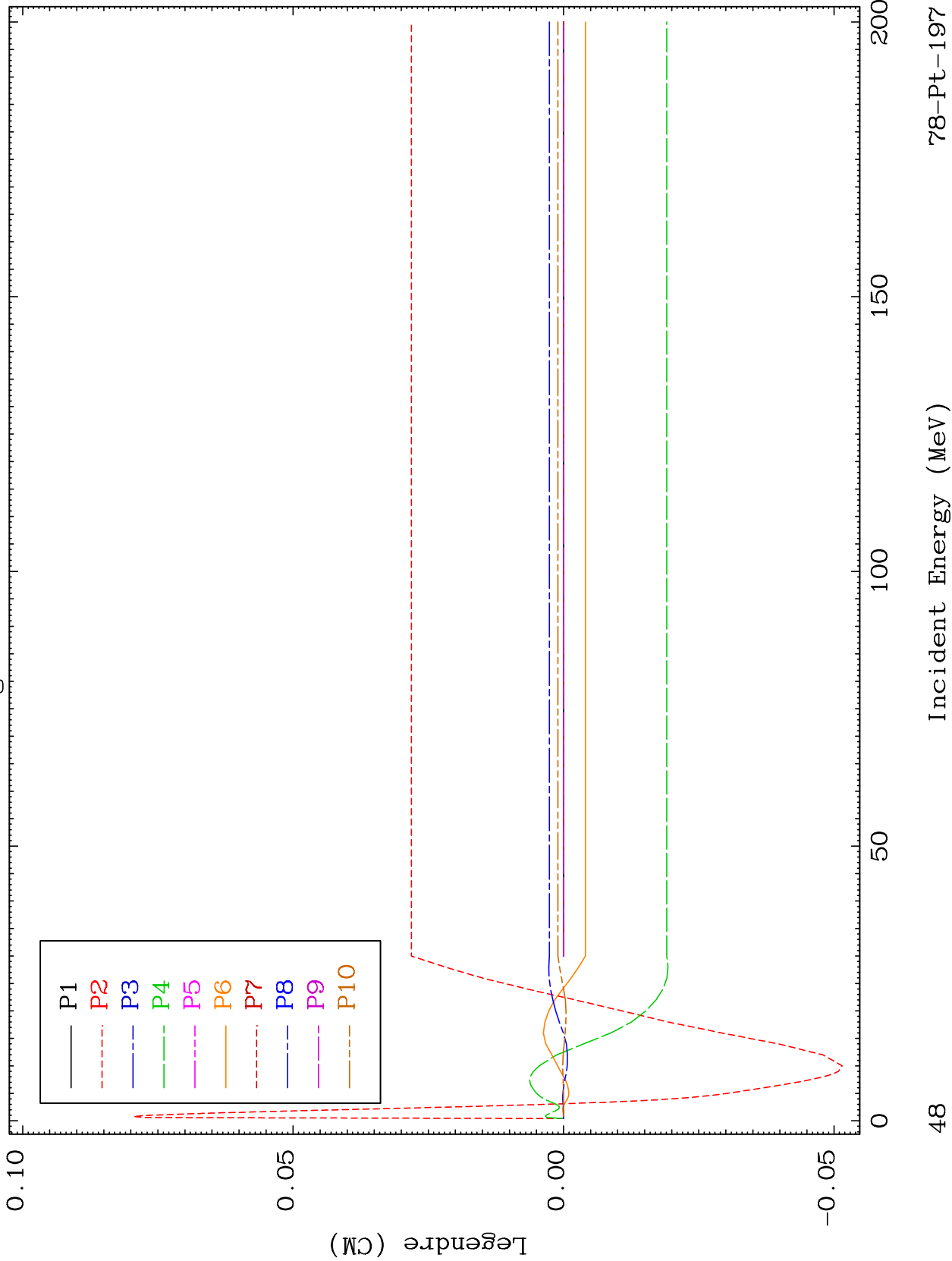
78-Pt-197



MAT 7846

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

78-Pt-197



78-Pt-197

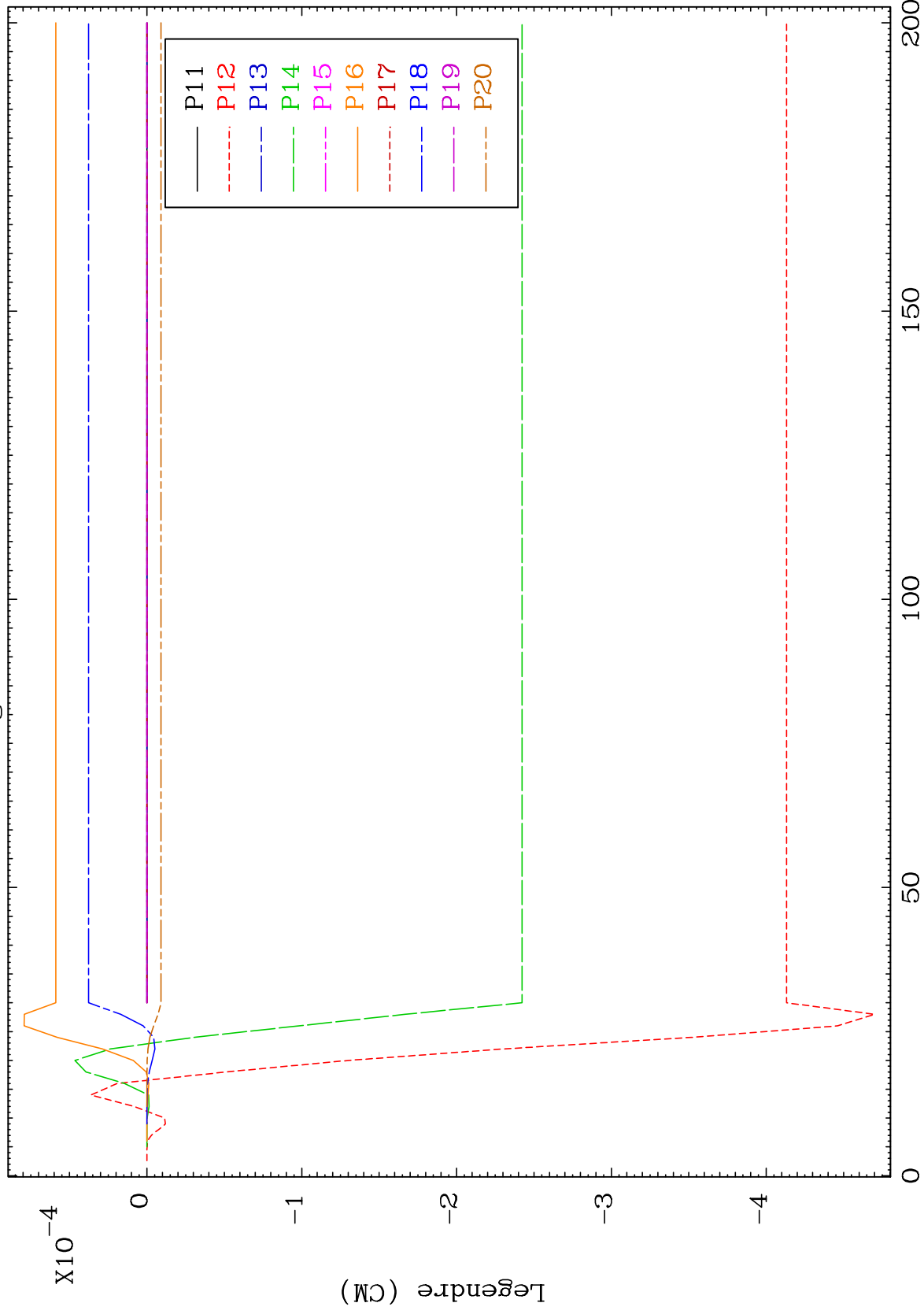
Incident Energy (MeV)

48

MAT 7846

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

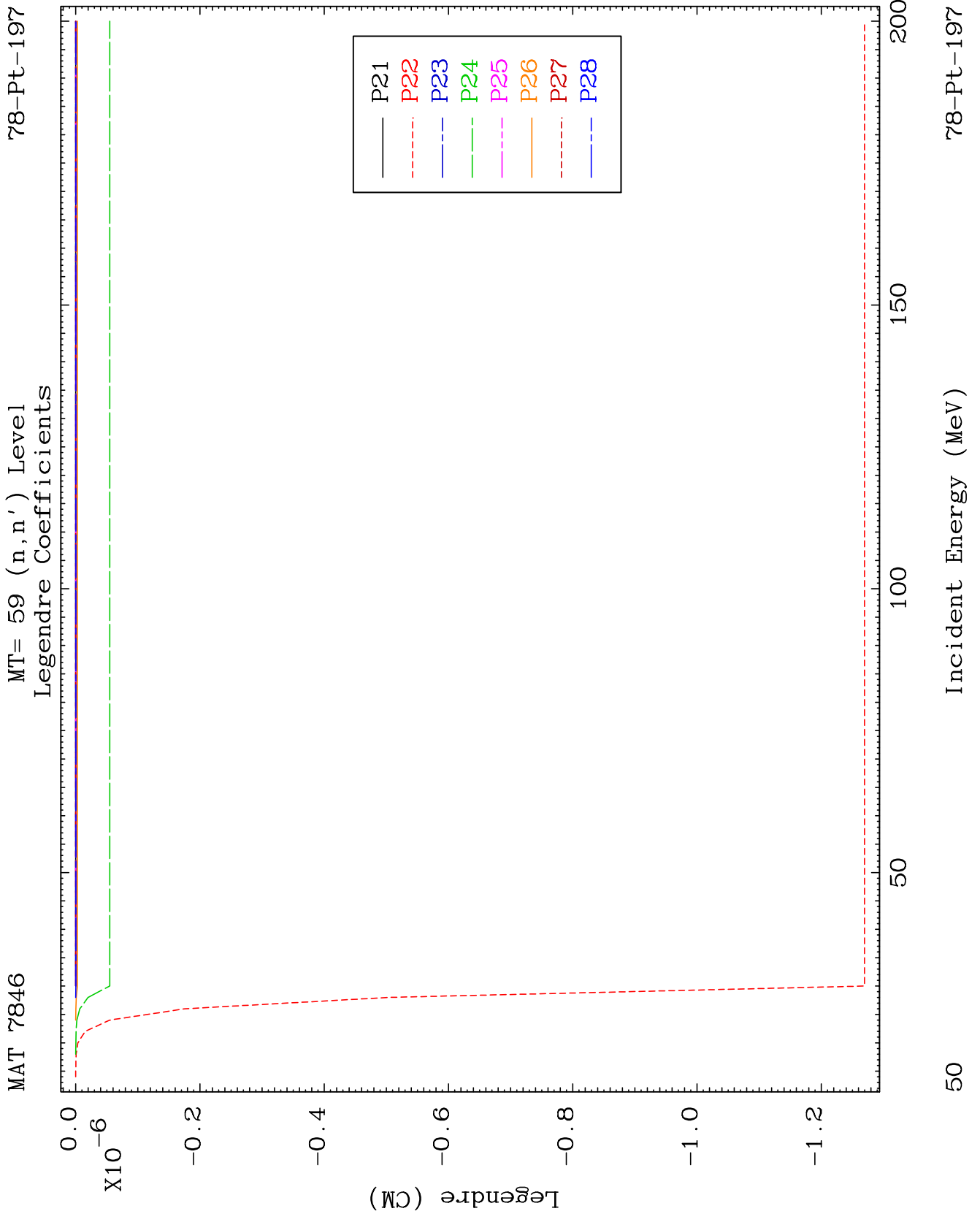
78-Pt-197



49

Incident Energy (MeV)

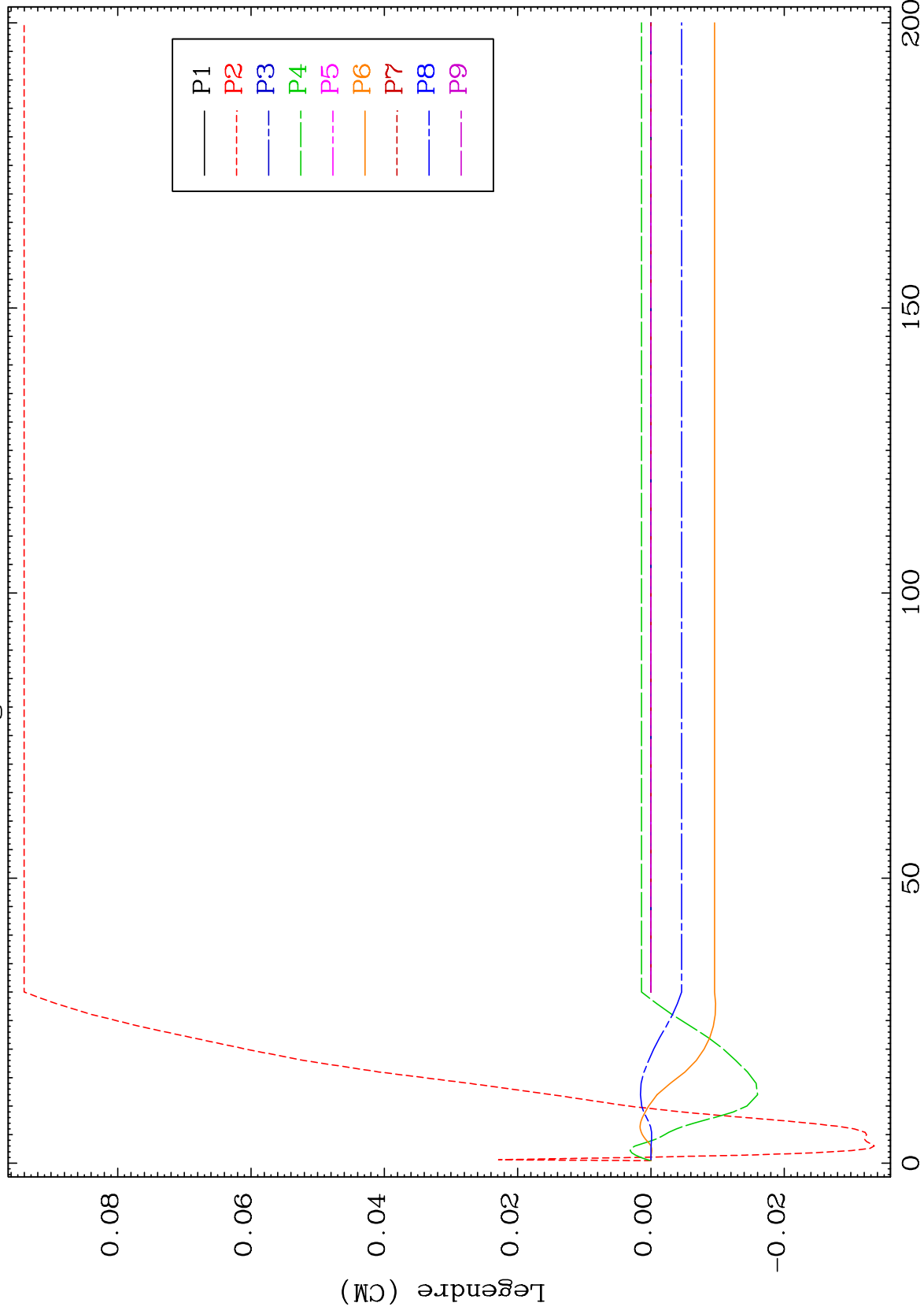
78-Pt-197



MAT 7846

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

78-Pt-197



51

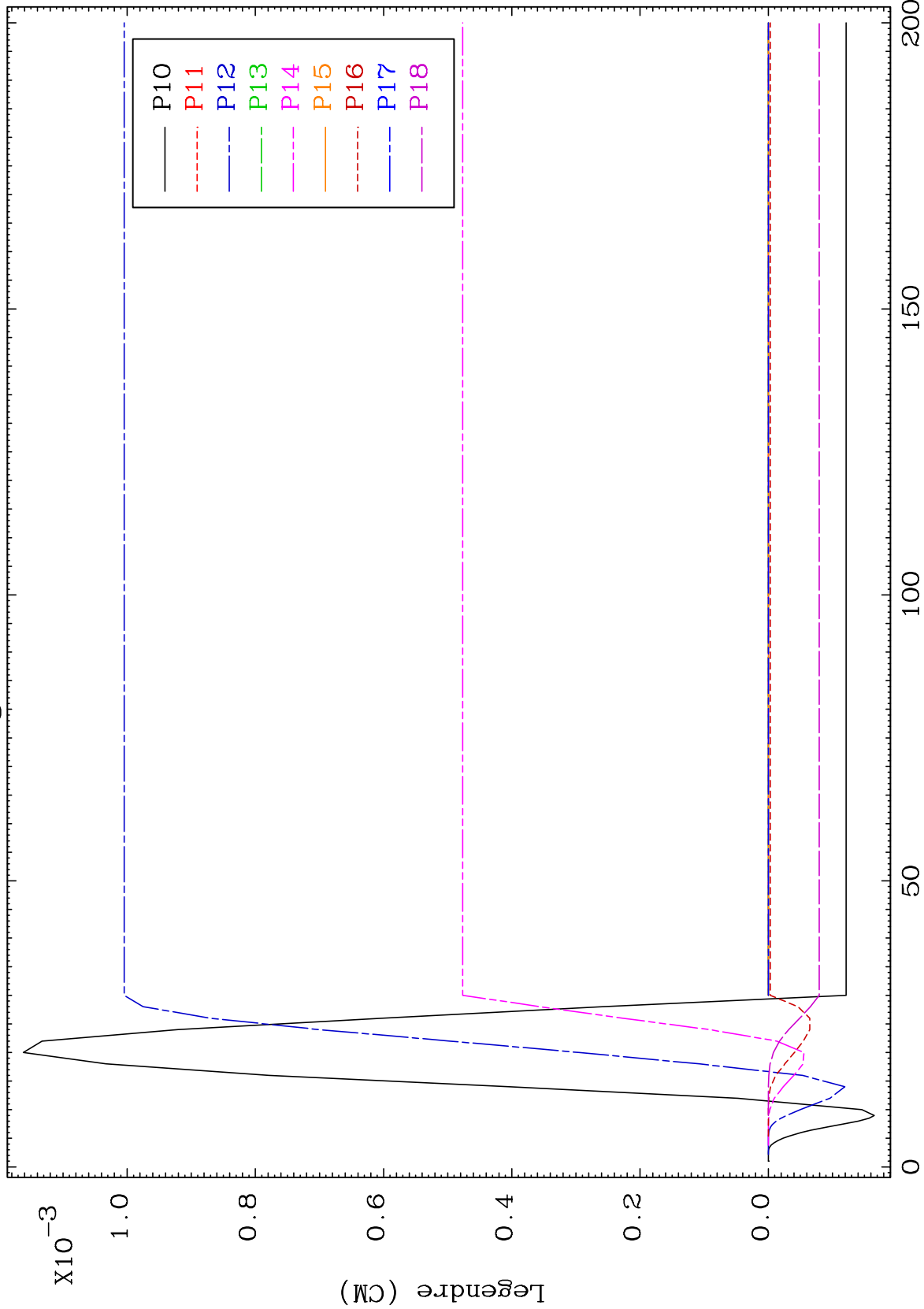
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

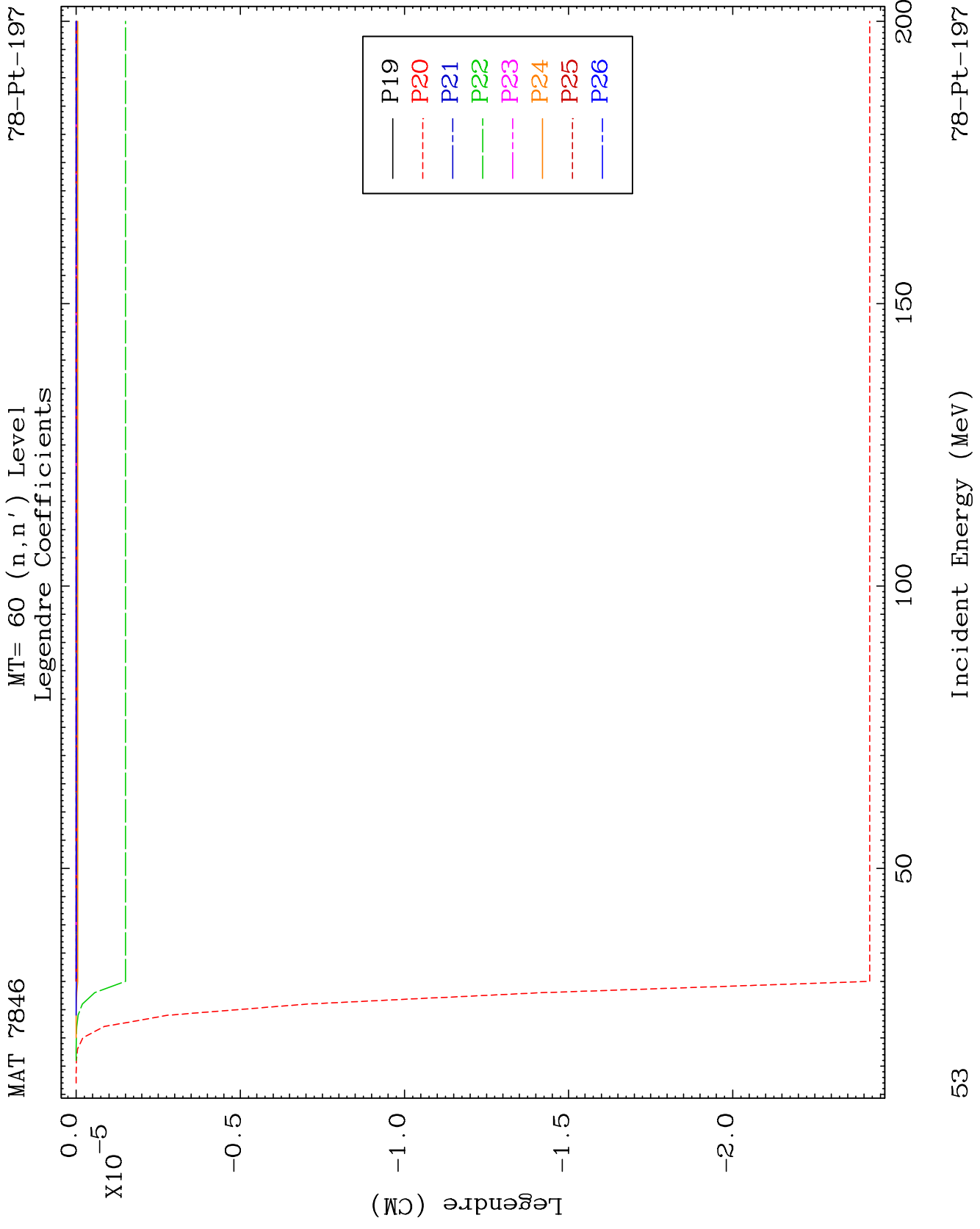
78-Pt-197



52

Incident Energy (MeV)

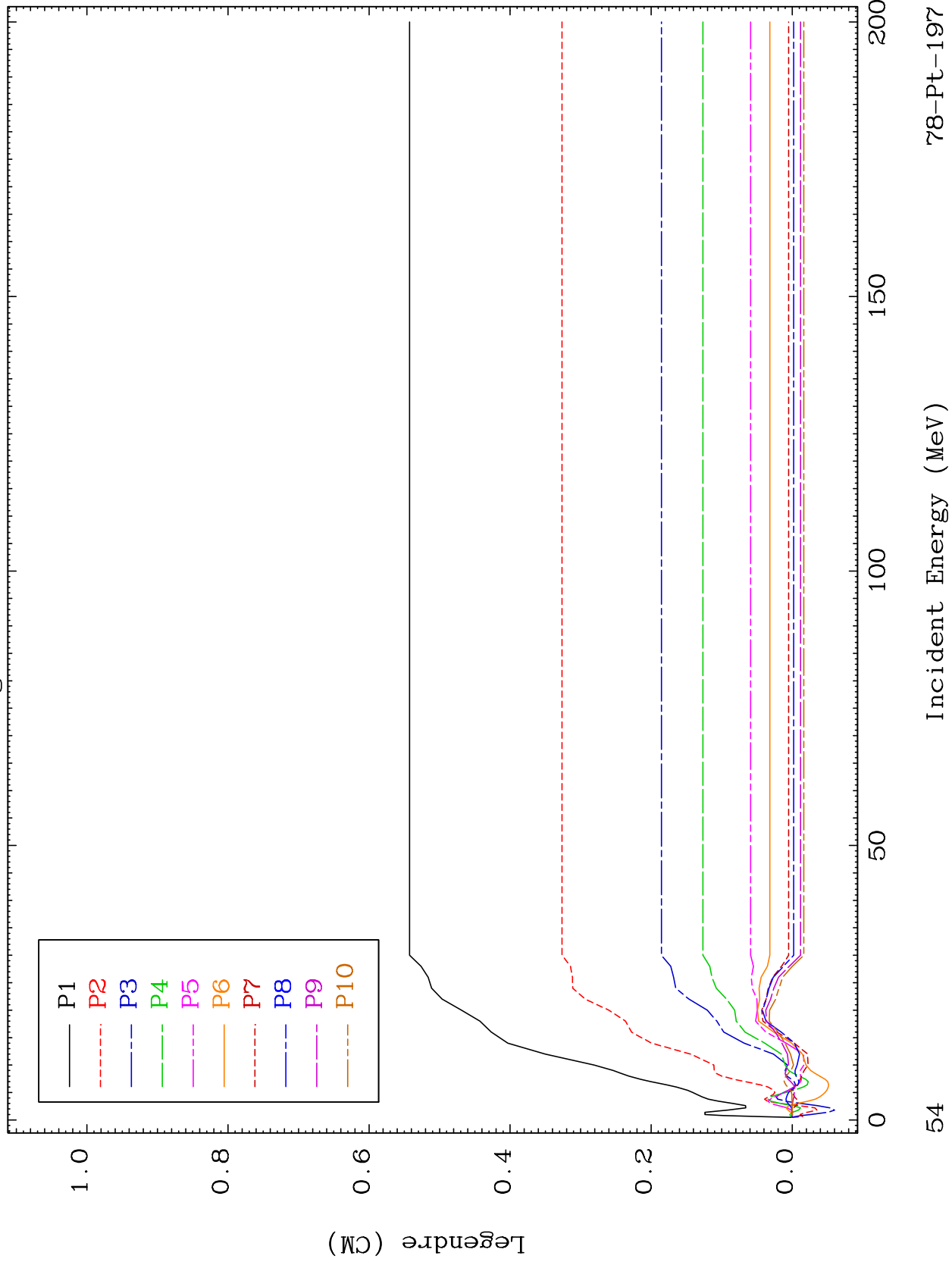
78-Pt-197



MAT 7846

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

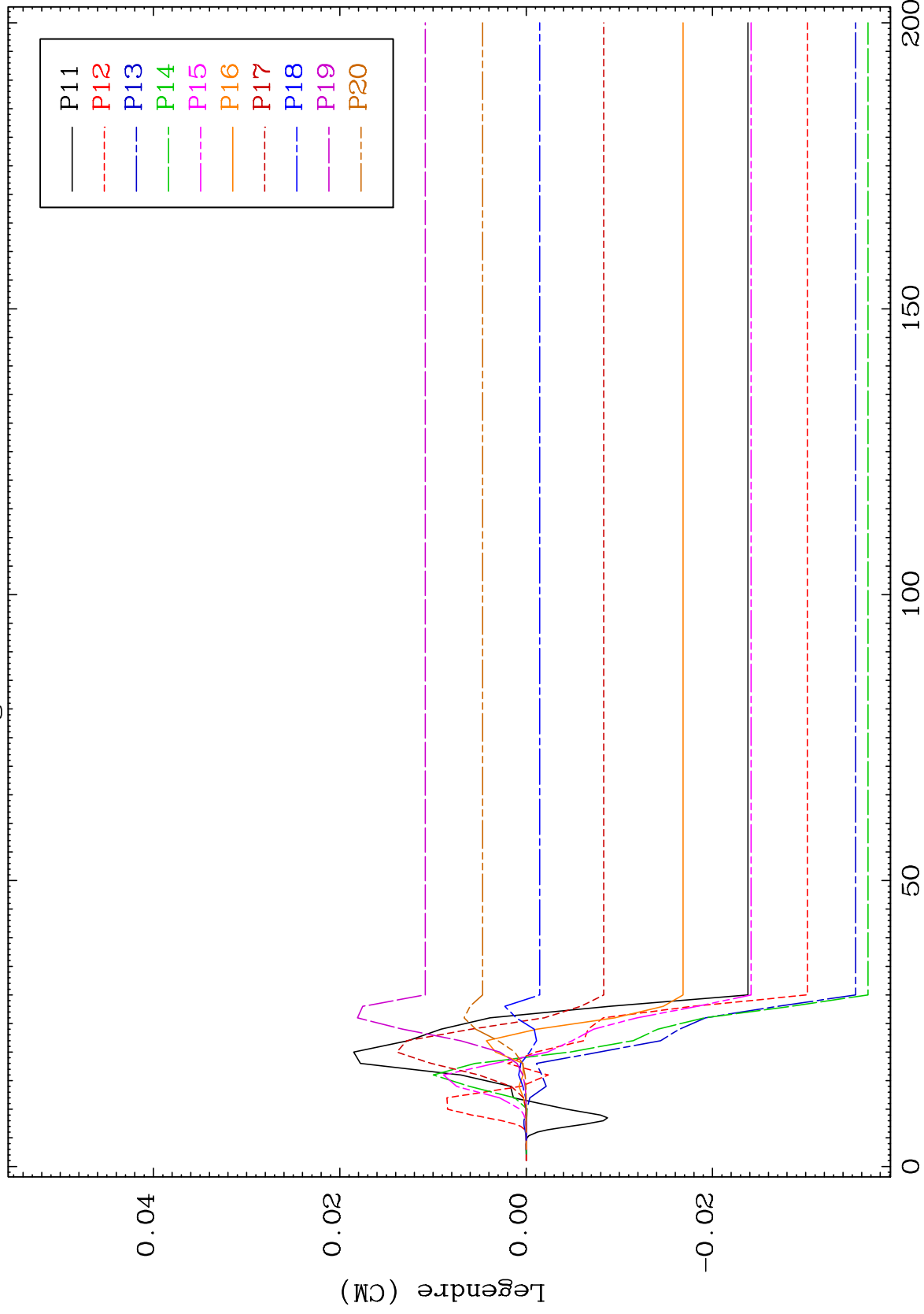
78-Pt-197



MAT 7846

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

78-Pt-197



55

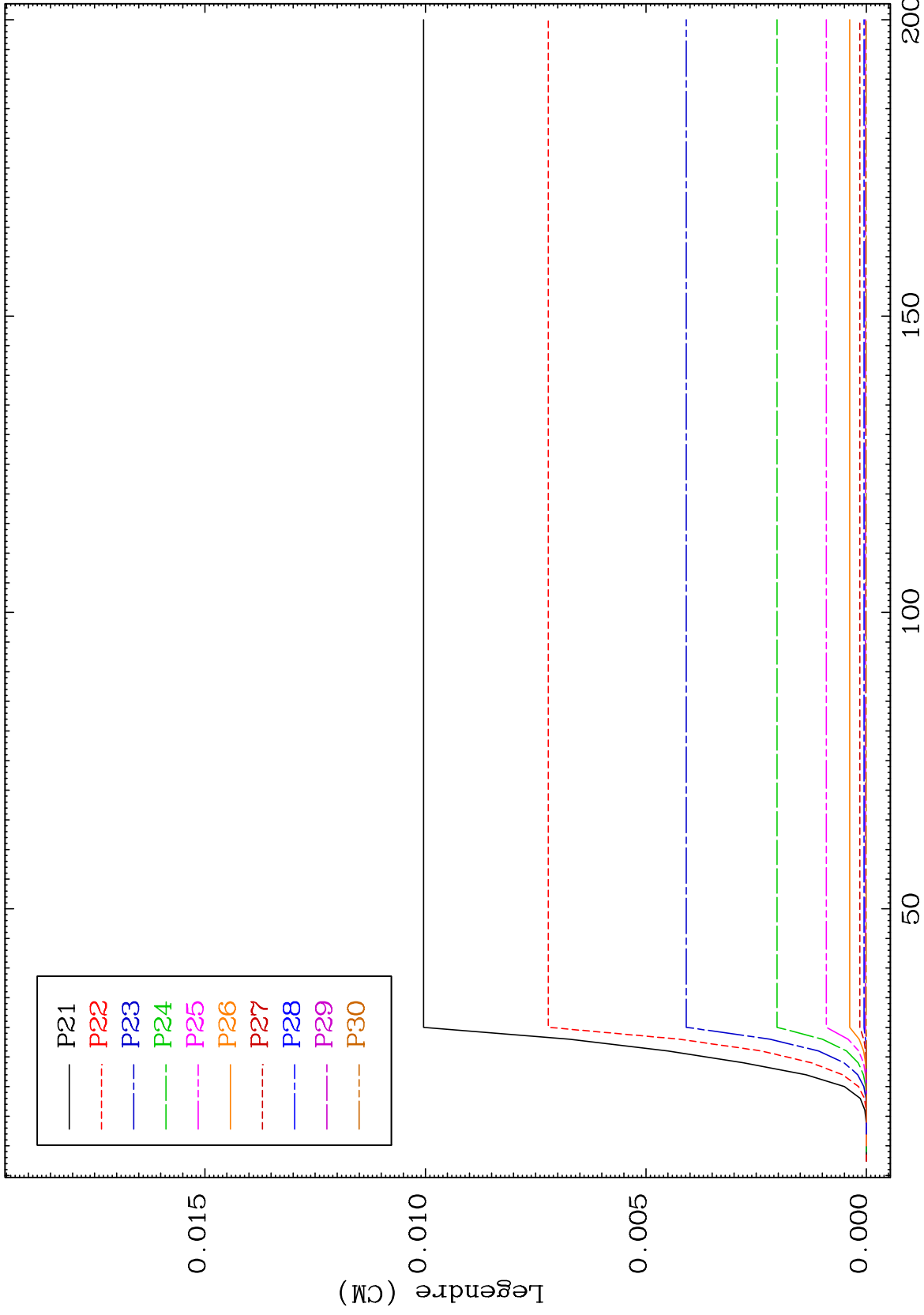
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

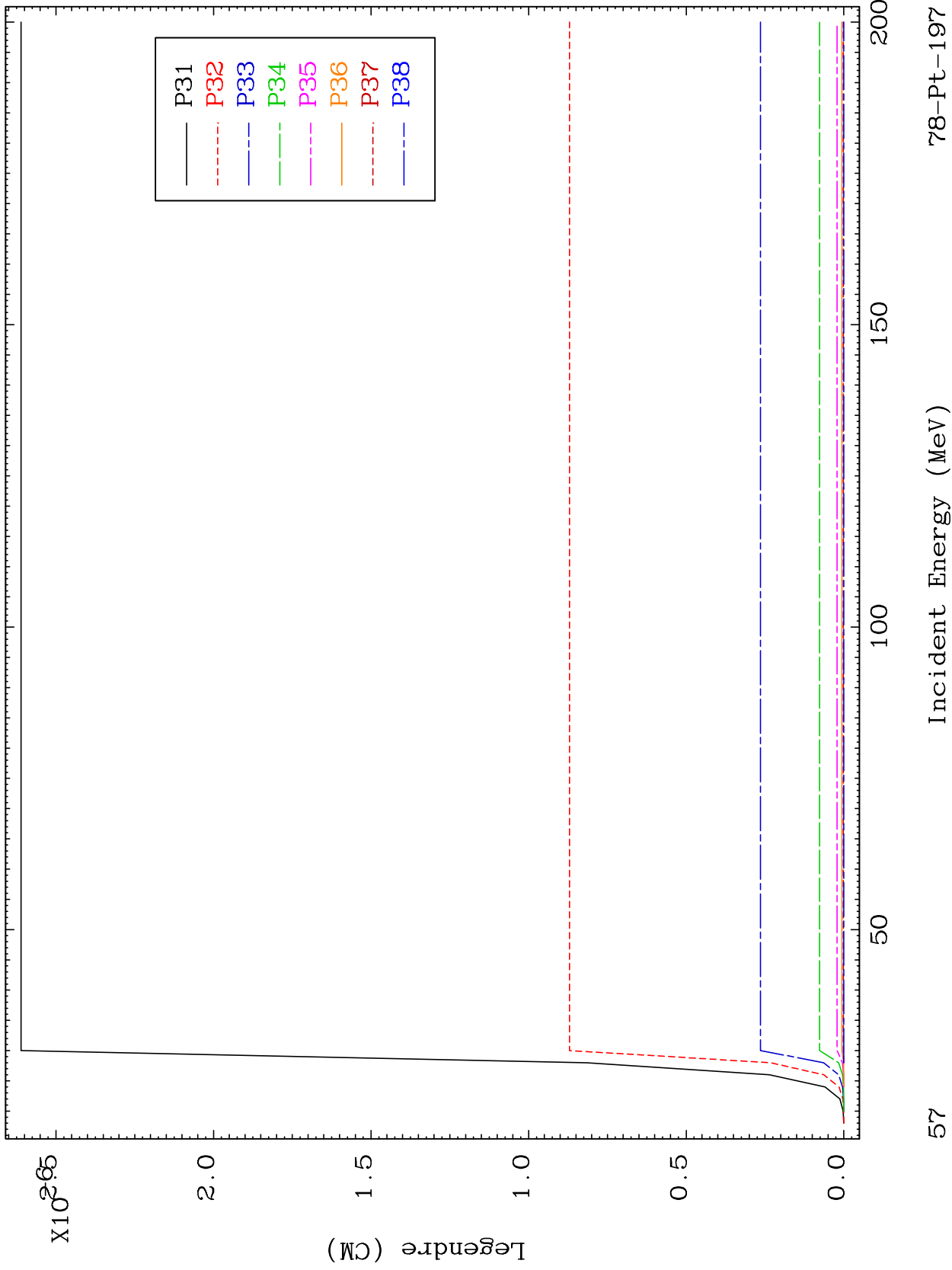
78-Pt-197



56

Incident Energy (MeV)

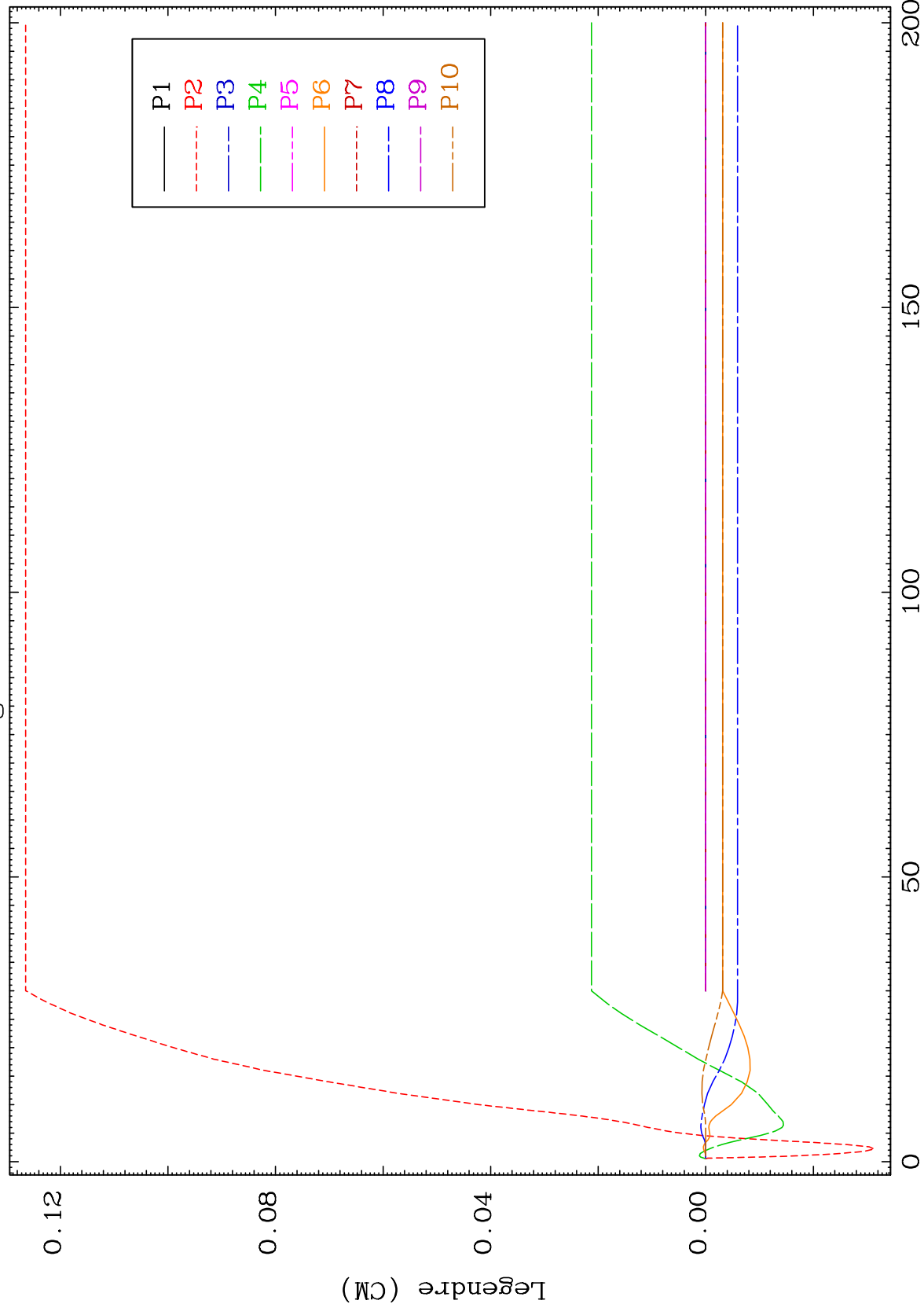
78-Pt-197



MAT 7846

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

78-Pt-197



78-Pt-197

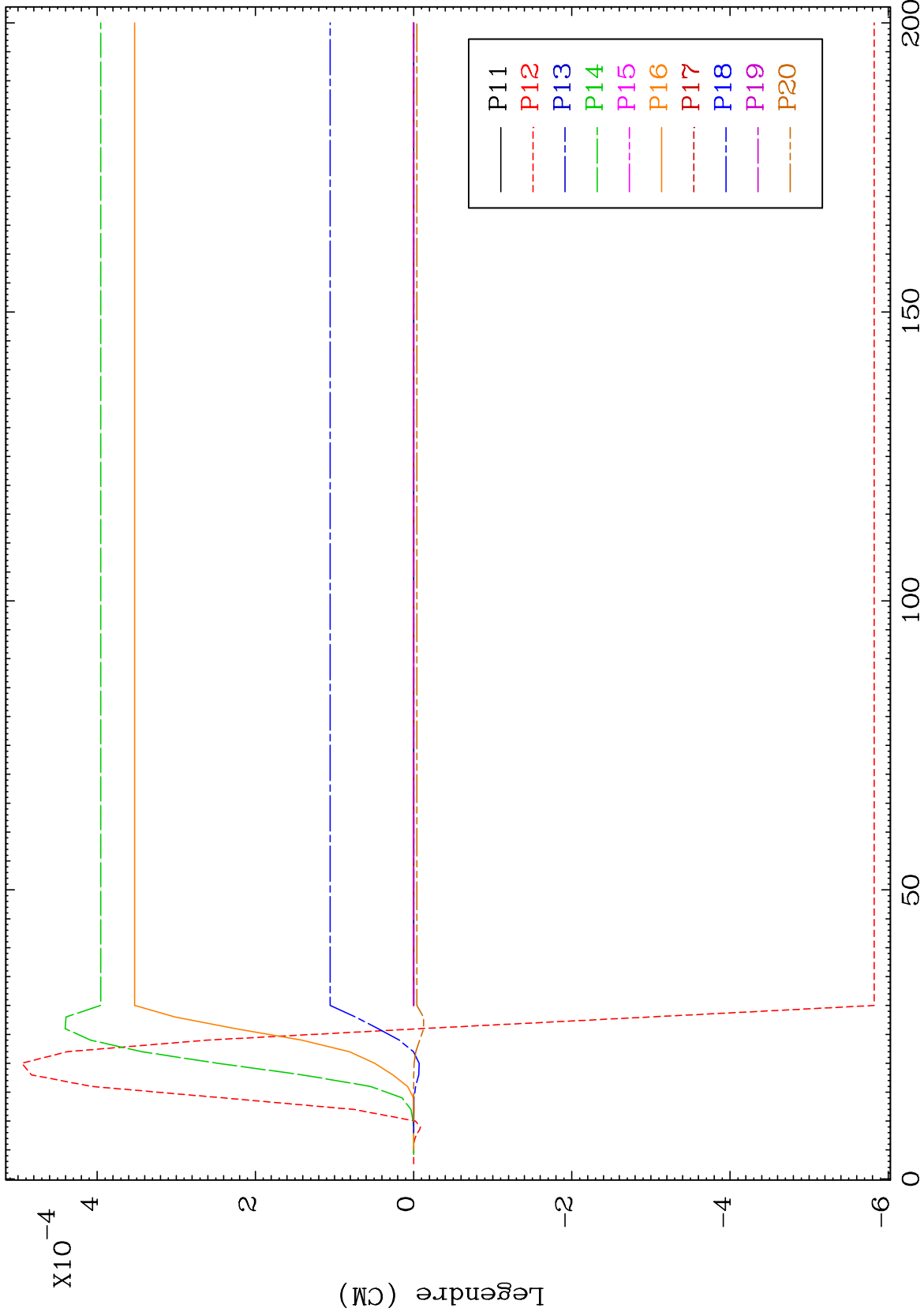
Incident Energy (MeV)

58

MAT 7846

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

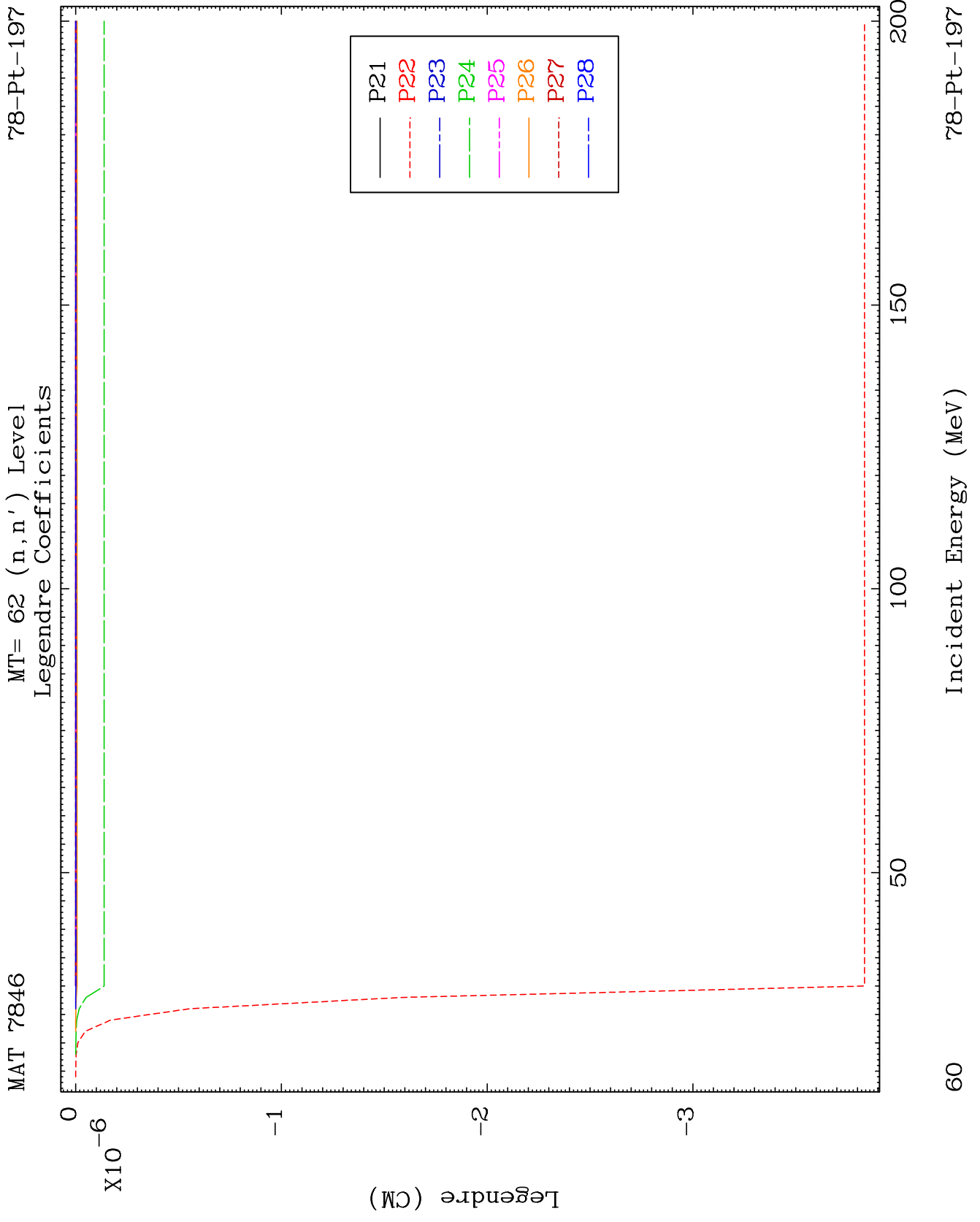
78-Pt-197



59

Incident Energy (MeV)

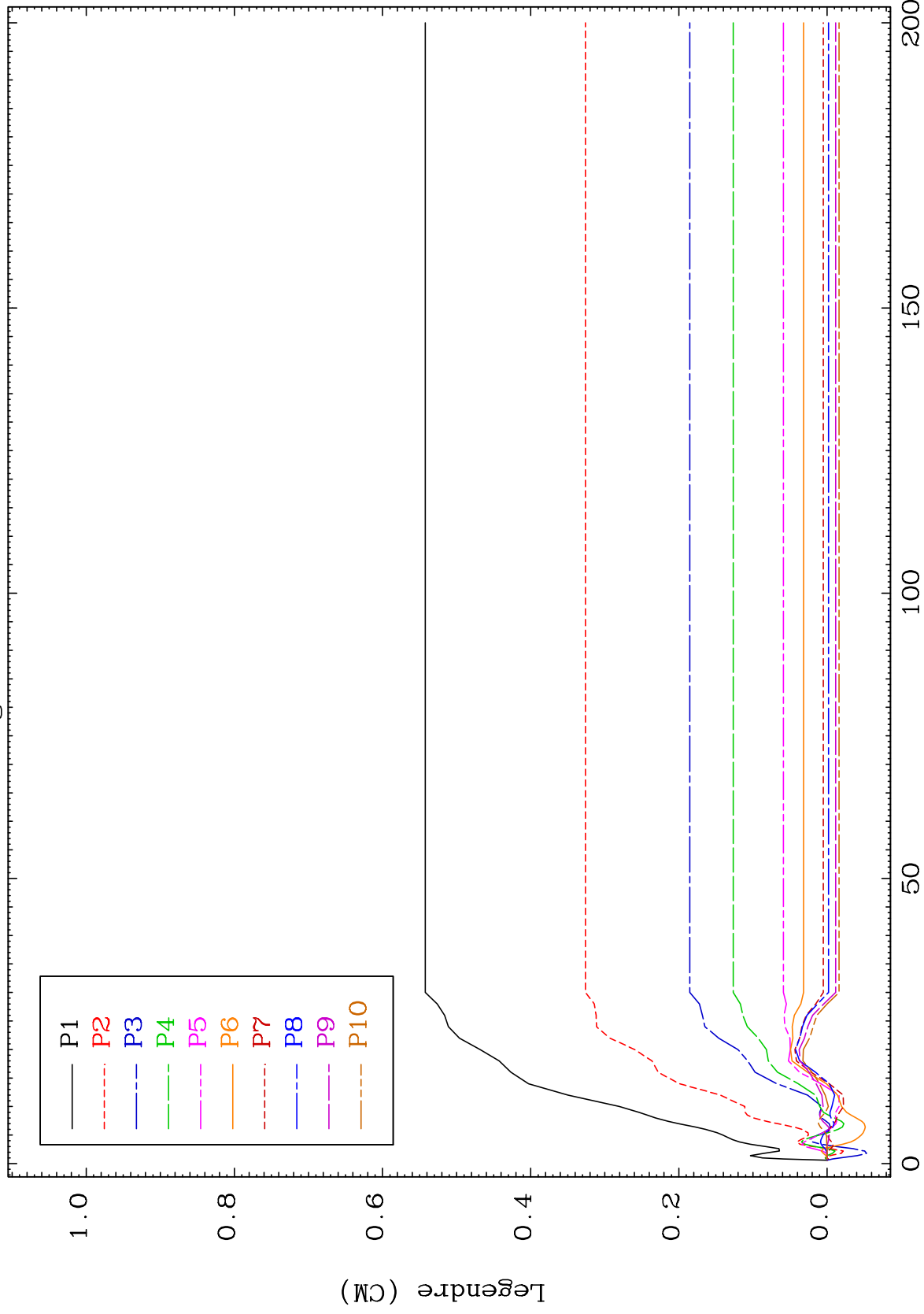
78-Pt-197



MAT 7846

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

78-Pt-197



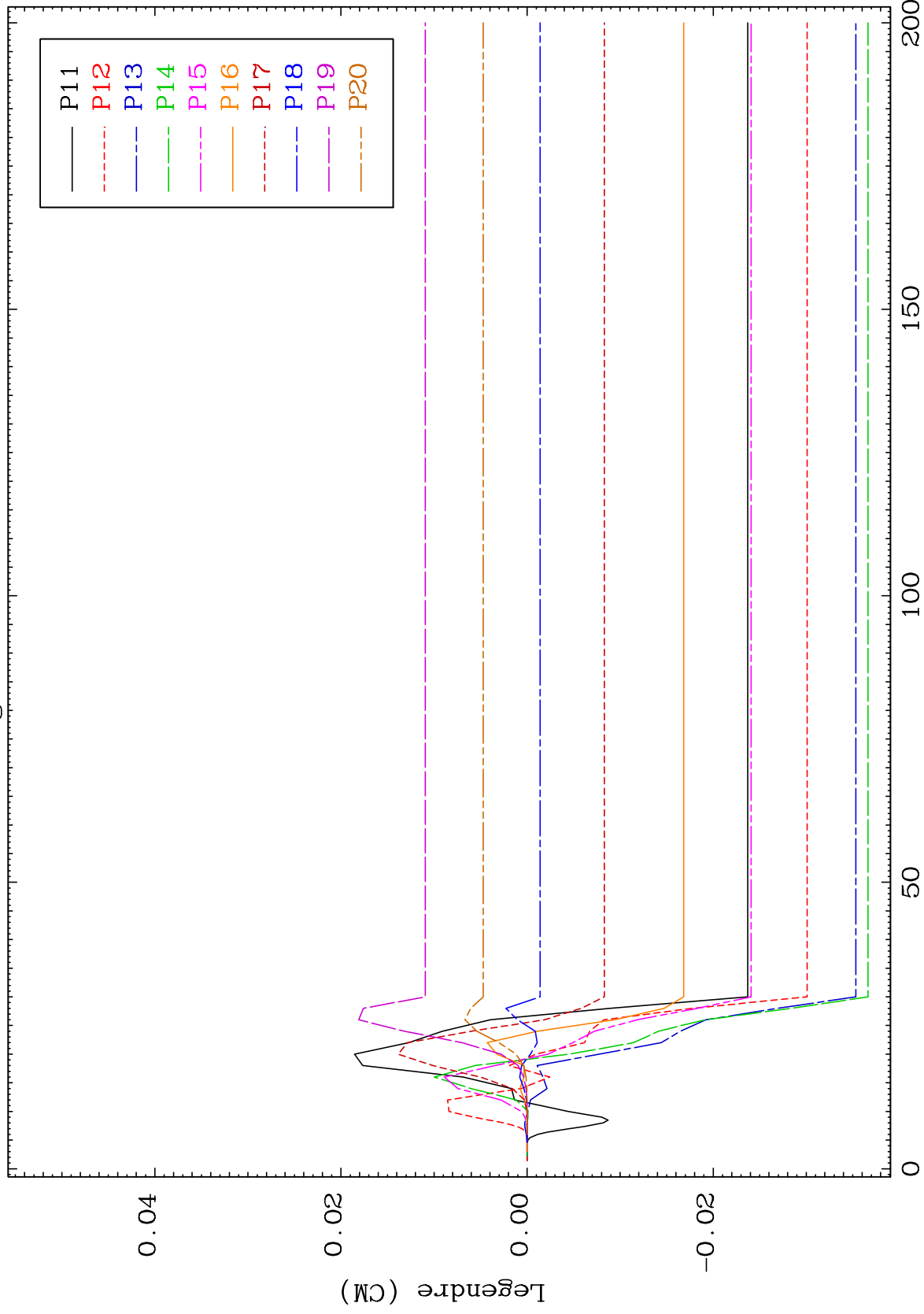
61

78-Pt-197

MAT 7846

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

78-Pt-197



62

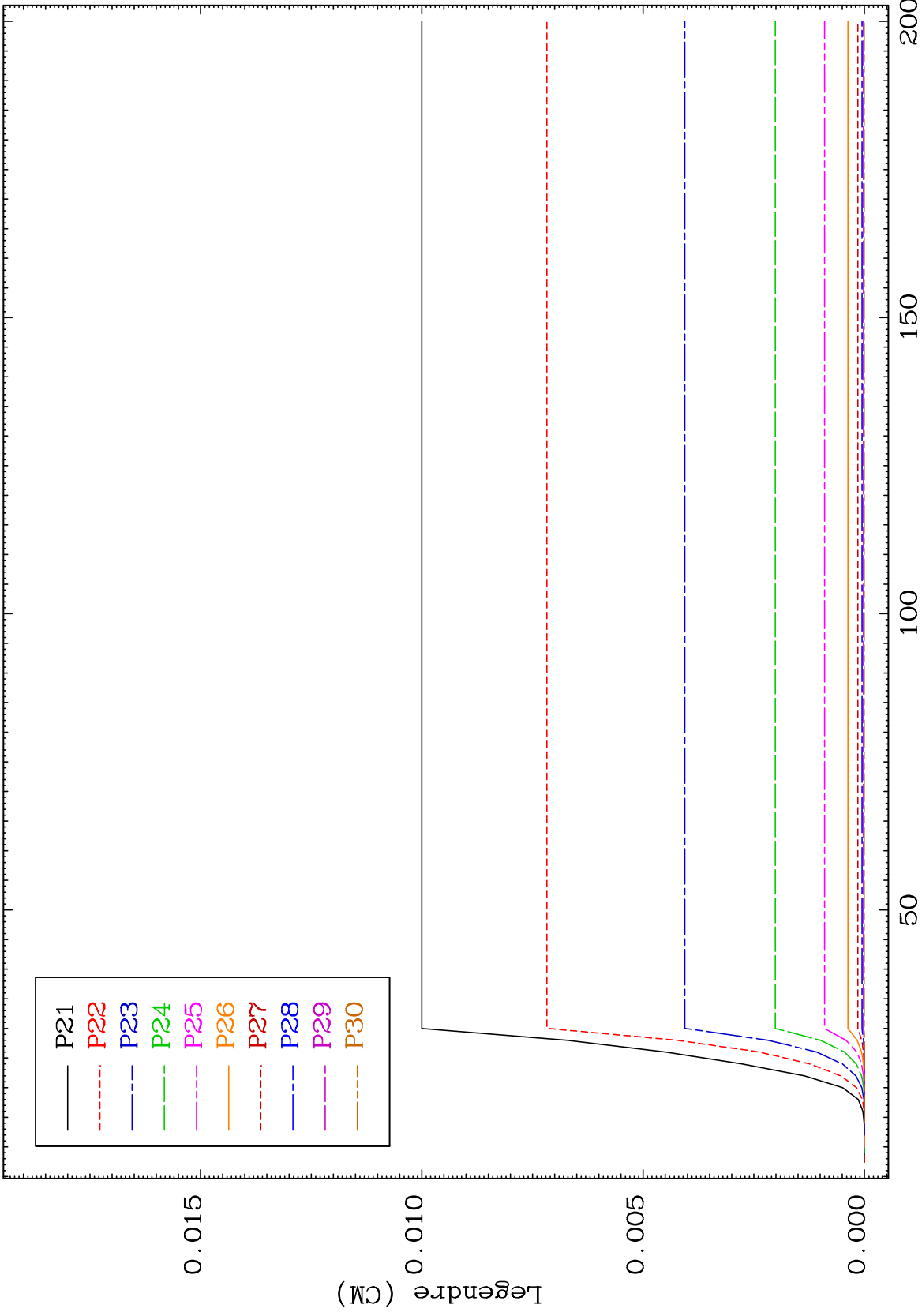
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



63

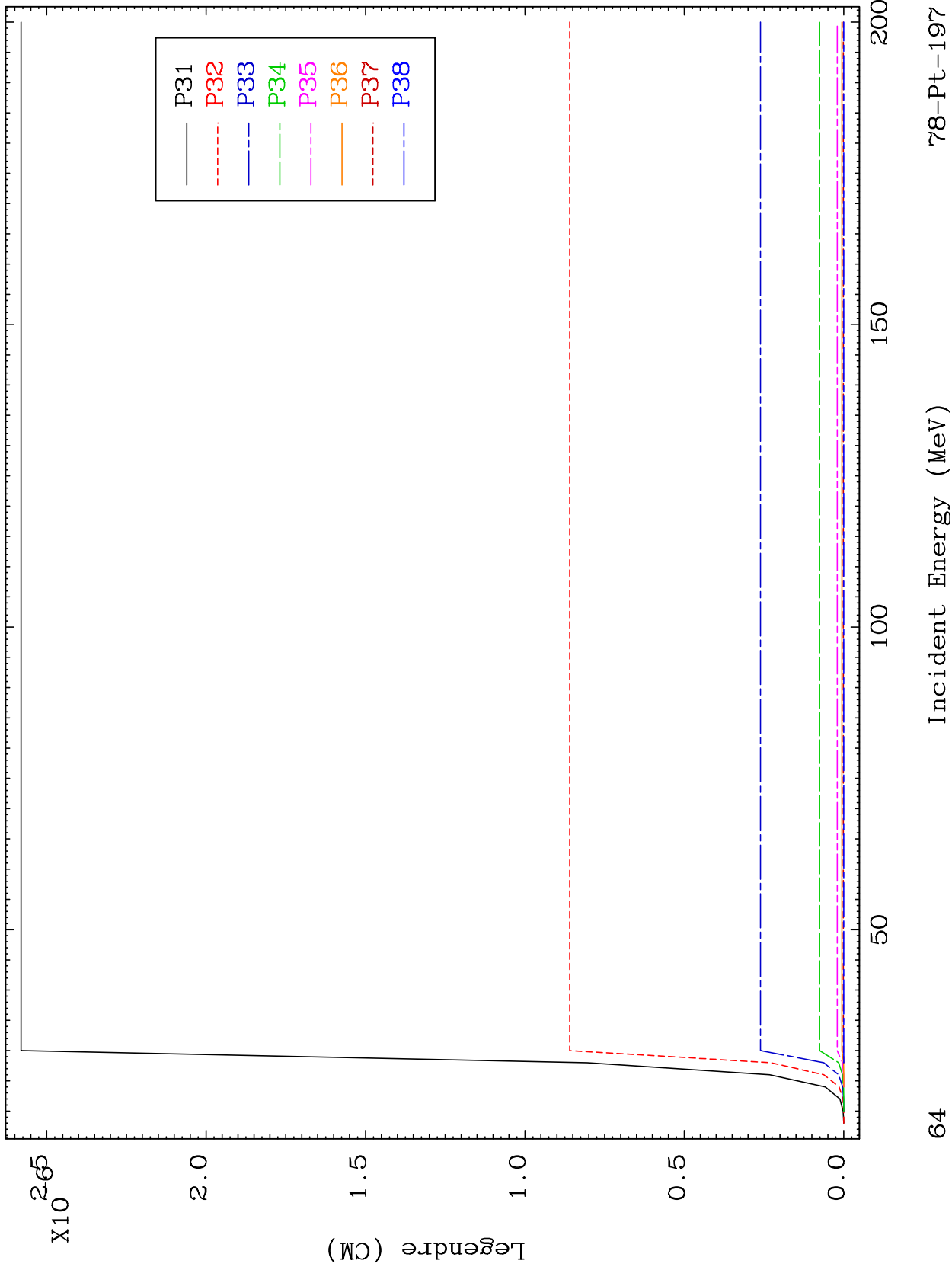
Incident Energy (MeV)

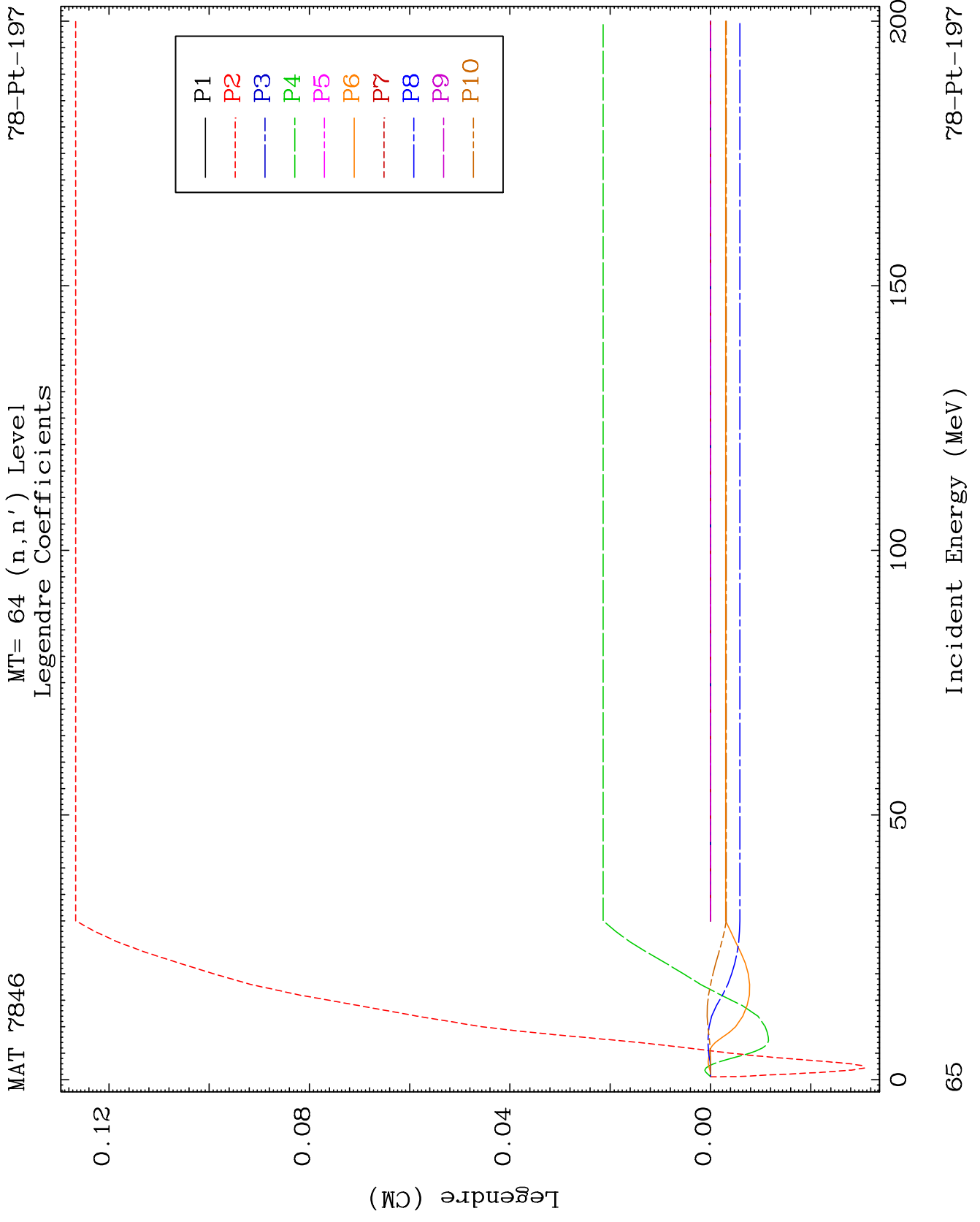
78-Pt-197

MAT 7846

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

78-Pt-197

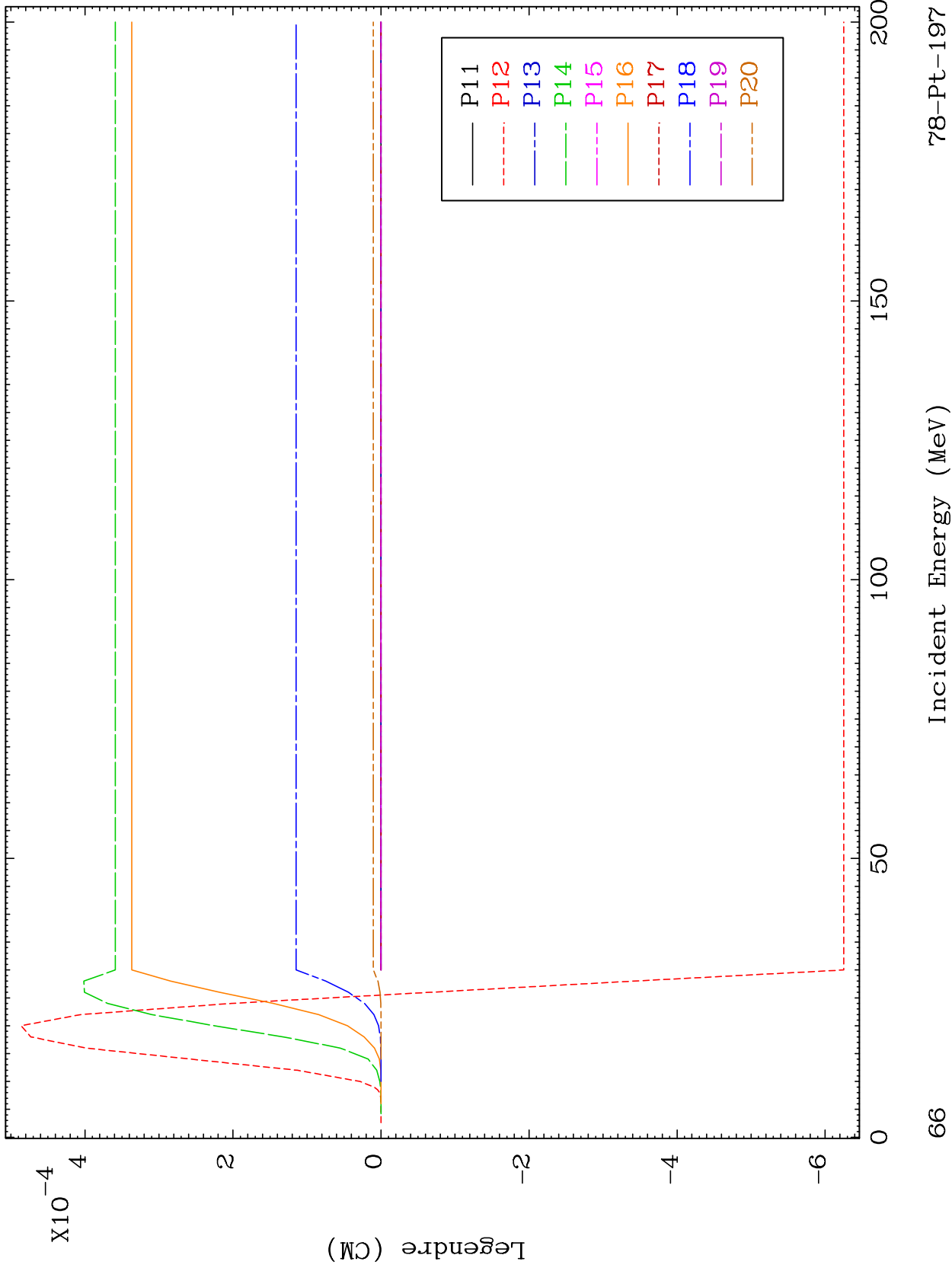




MAT 7846

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

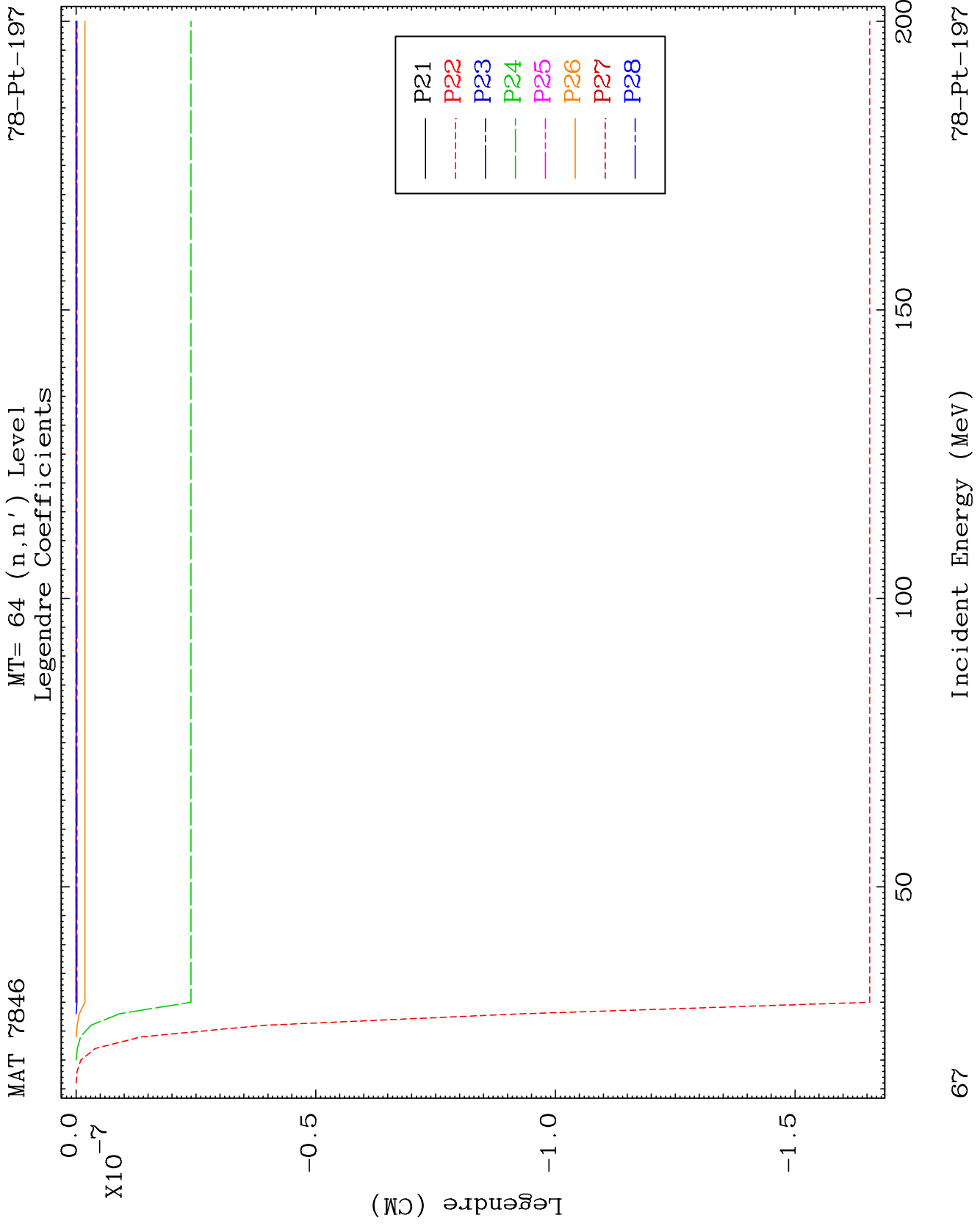
78-Pt-197

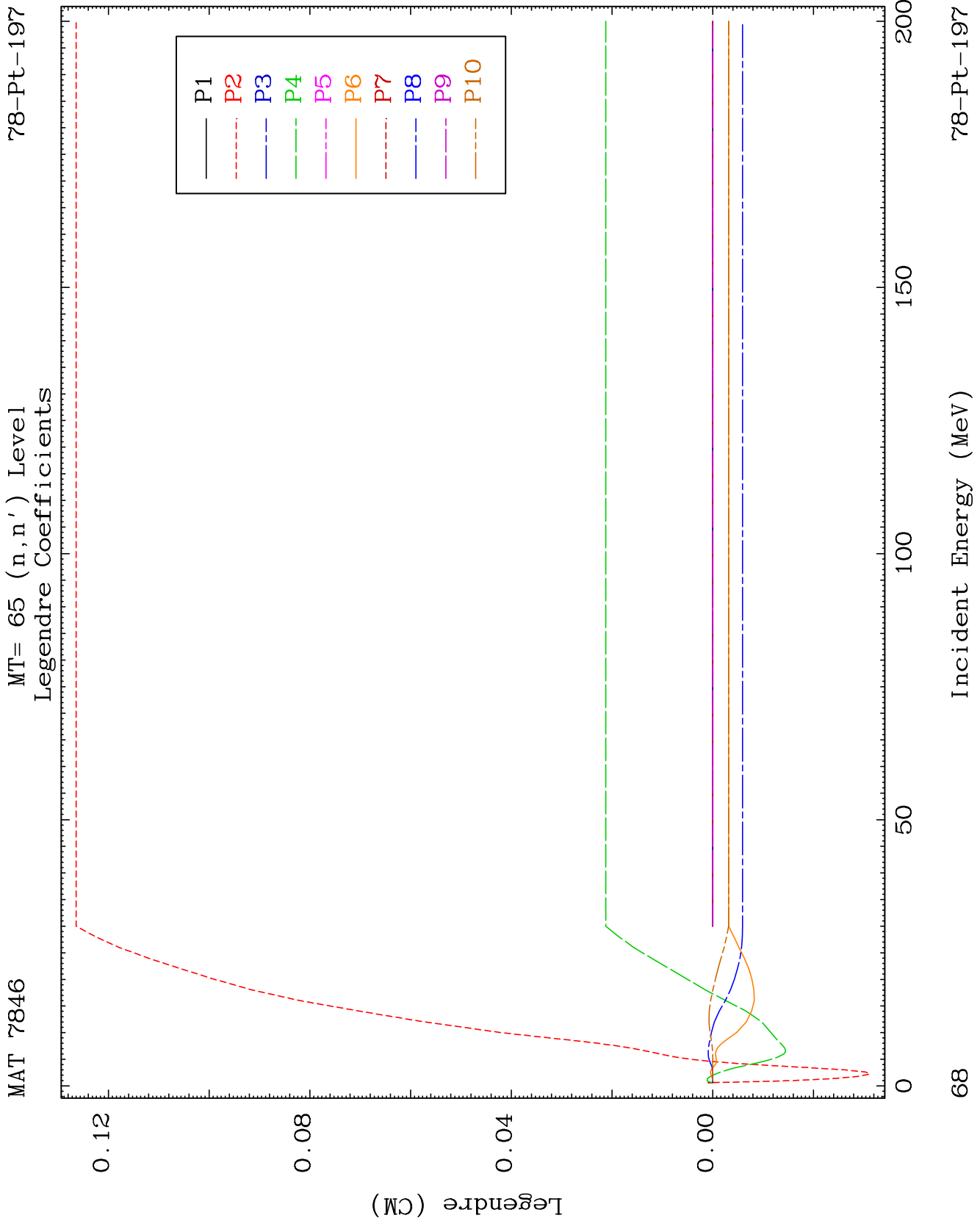


66

Incident Energy (MeV)

78-Pt-197

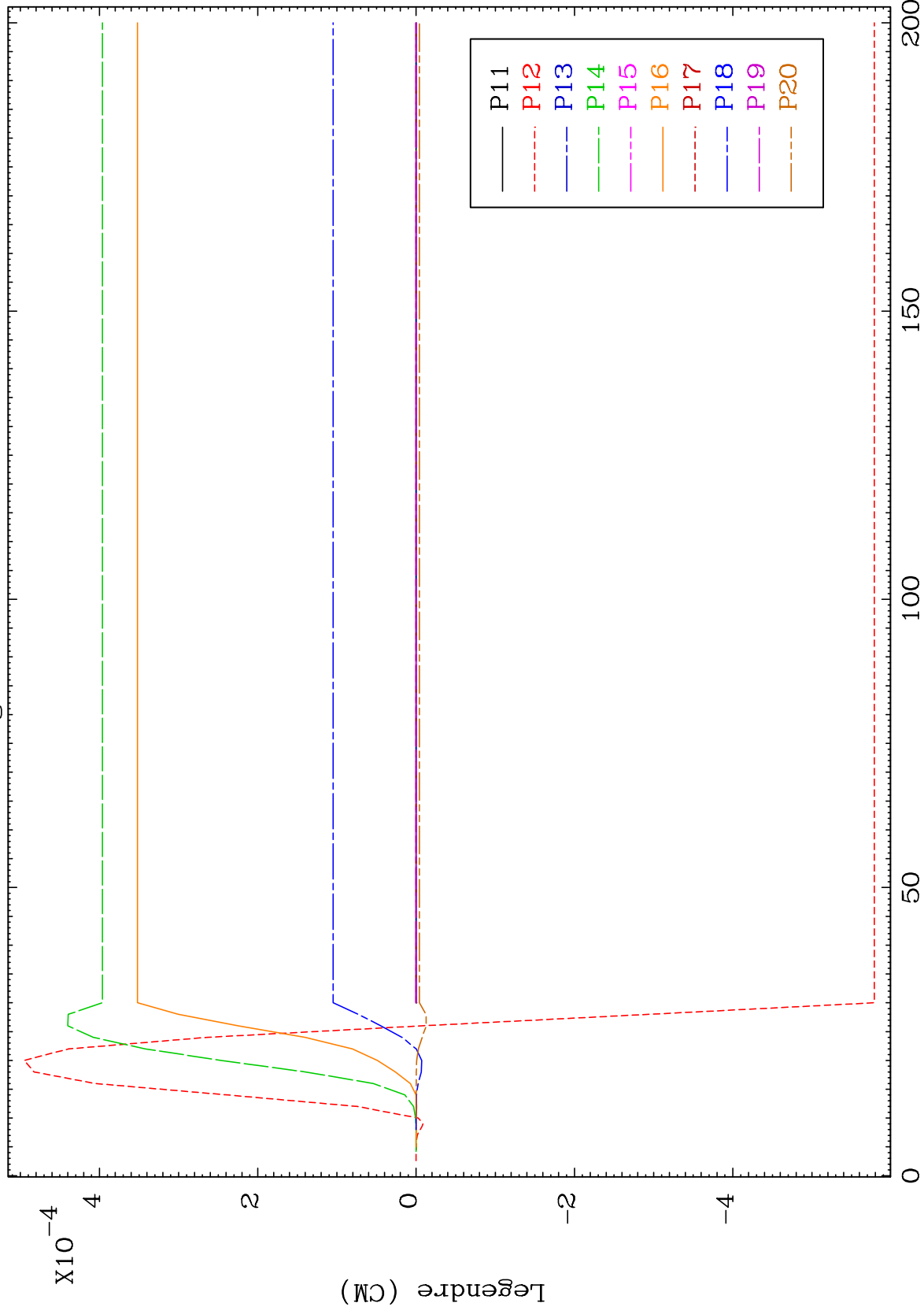




MAT 7846

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

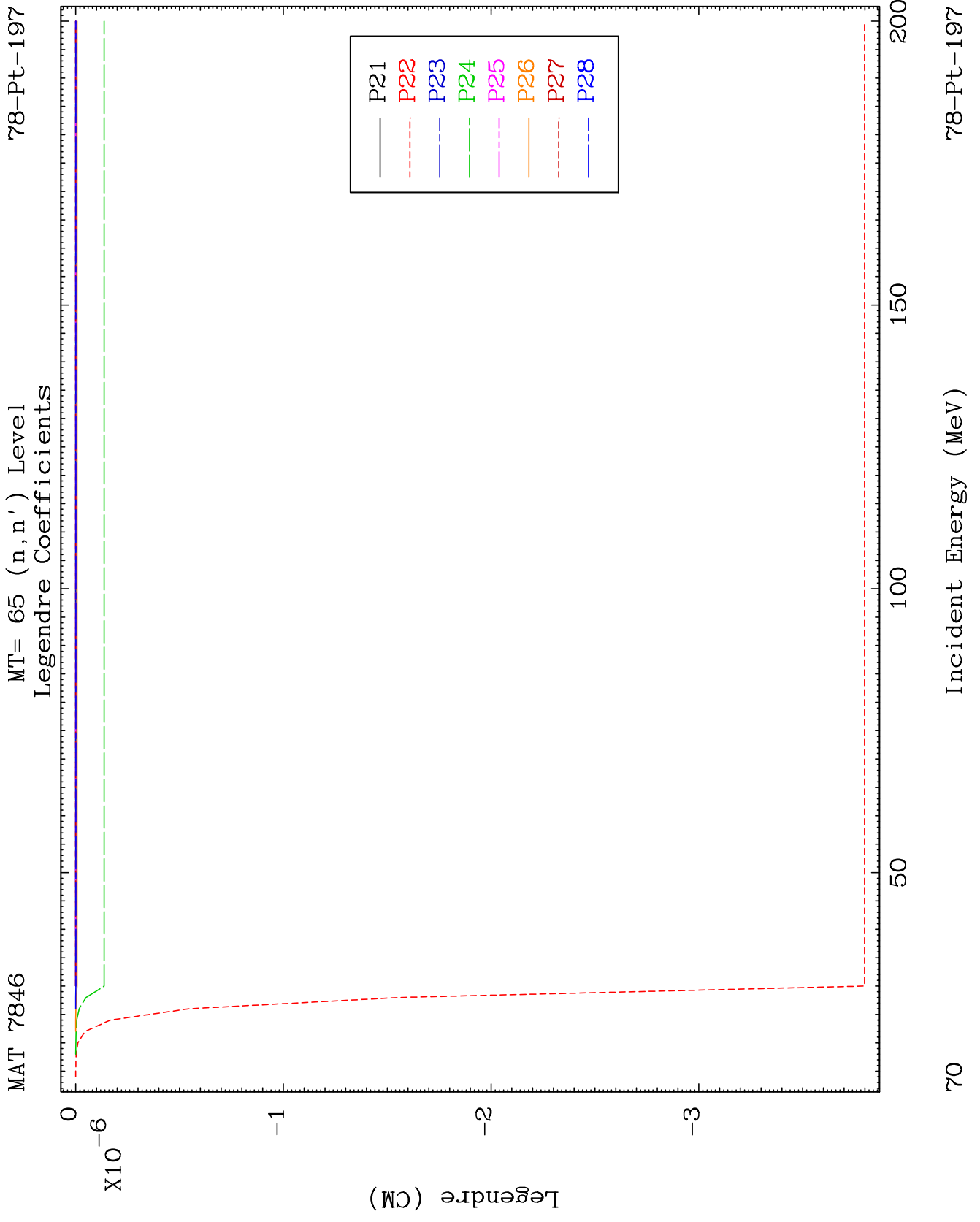
78-Pt-197



69

Incident Energy (MeV)

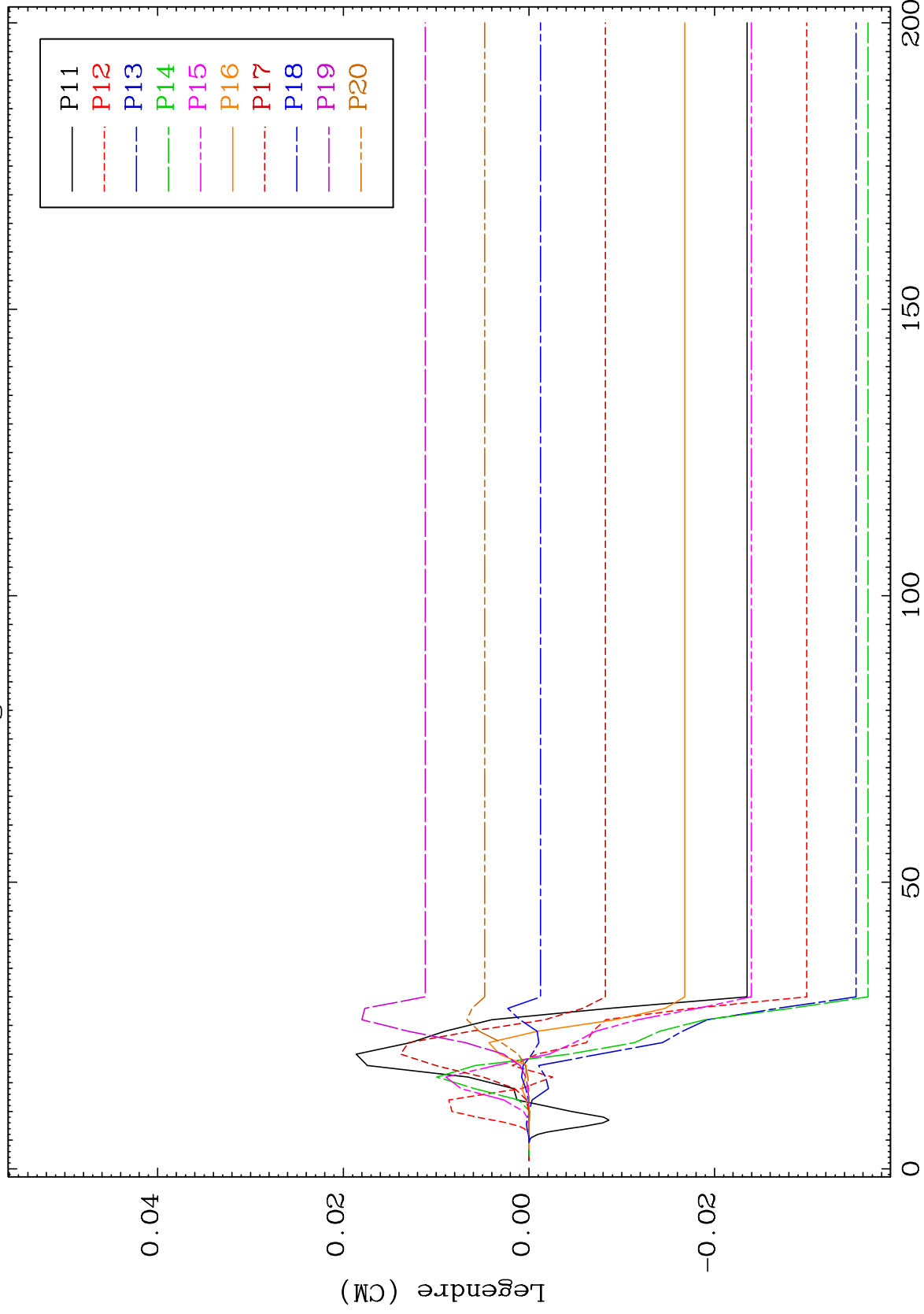
78-Pt-197



MAT 7846

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

78-Pt-197



72

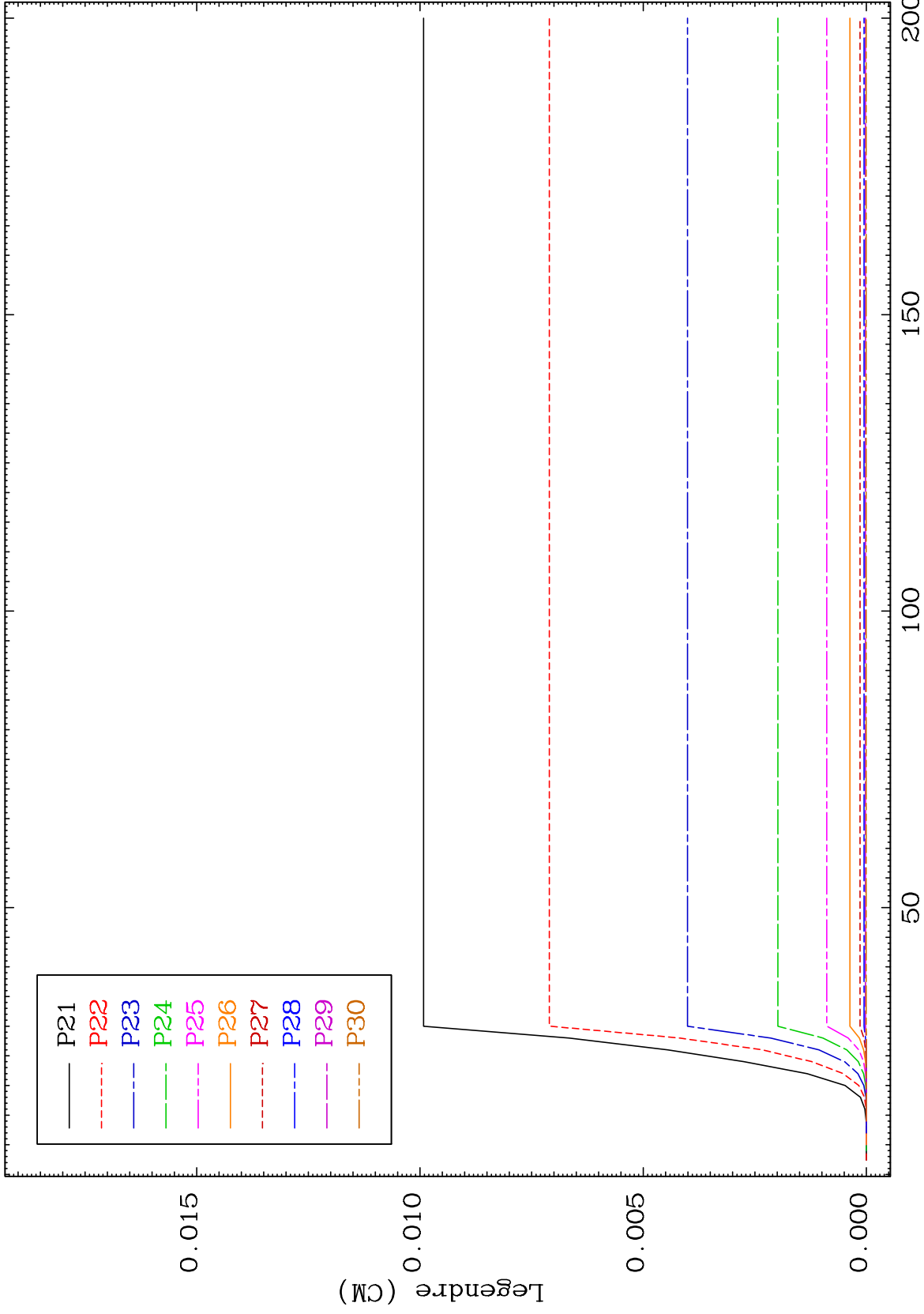
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



73

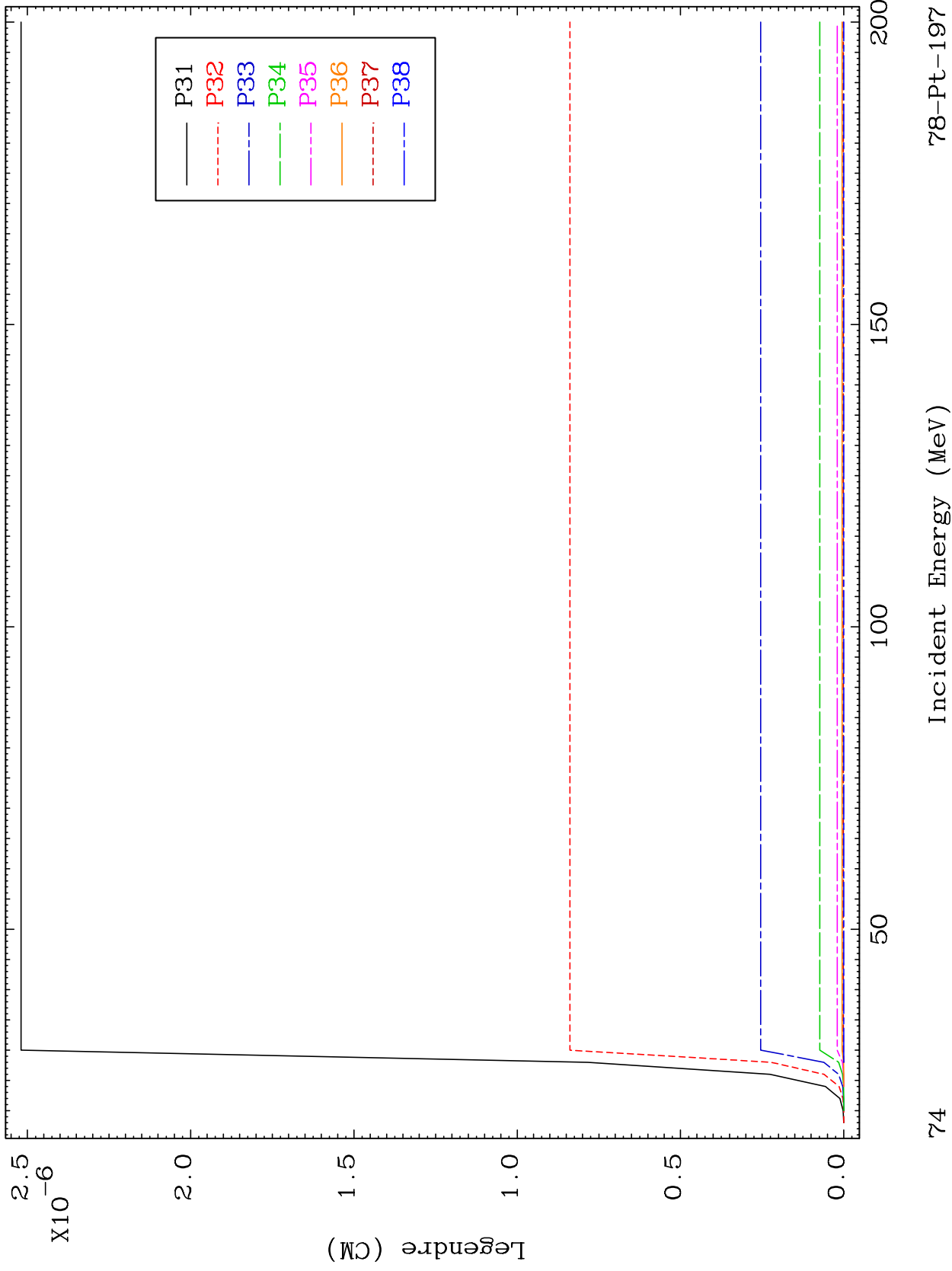
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



74

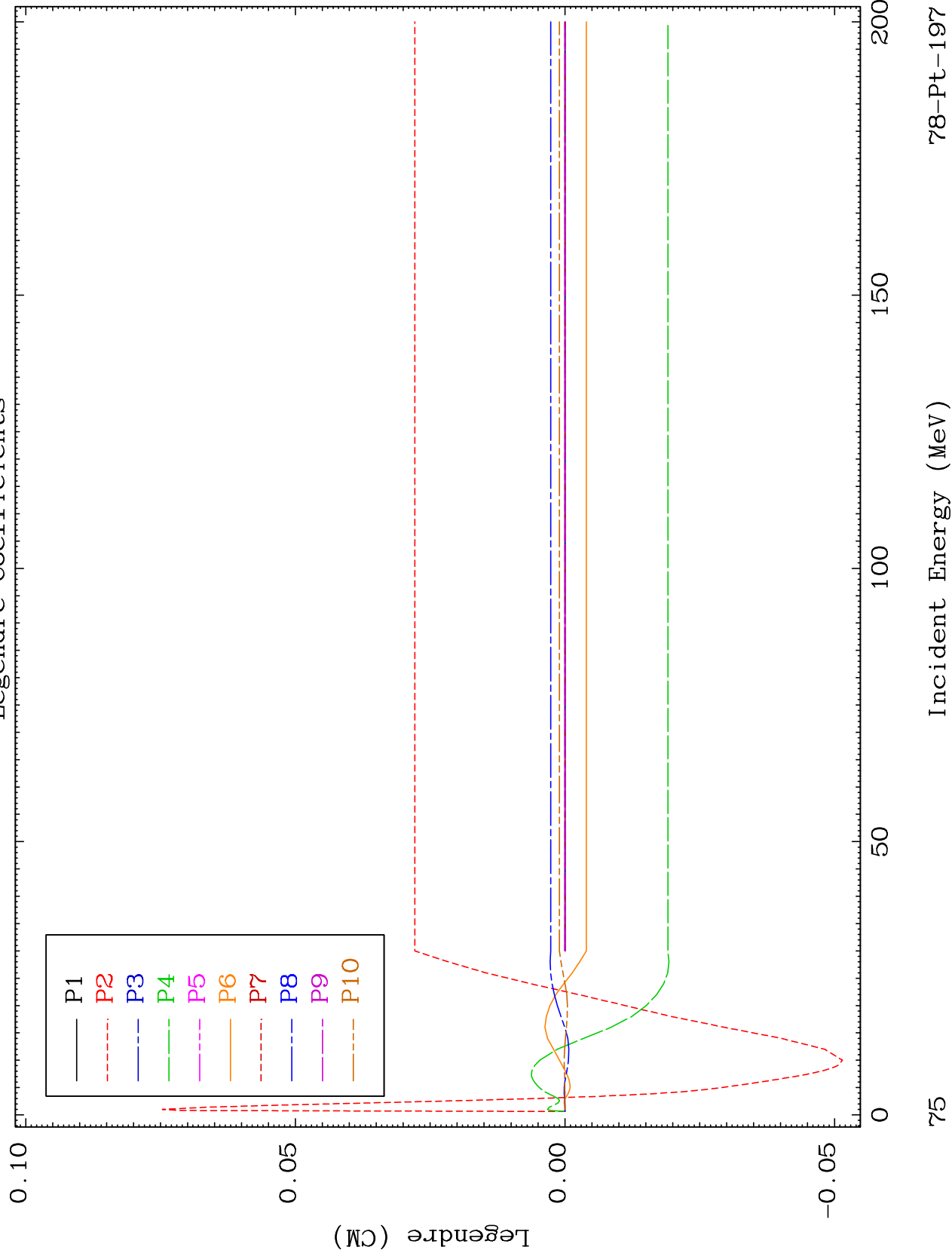
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



78-Pt-197

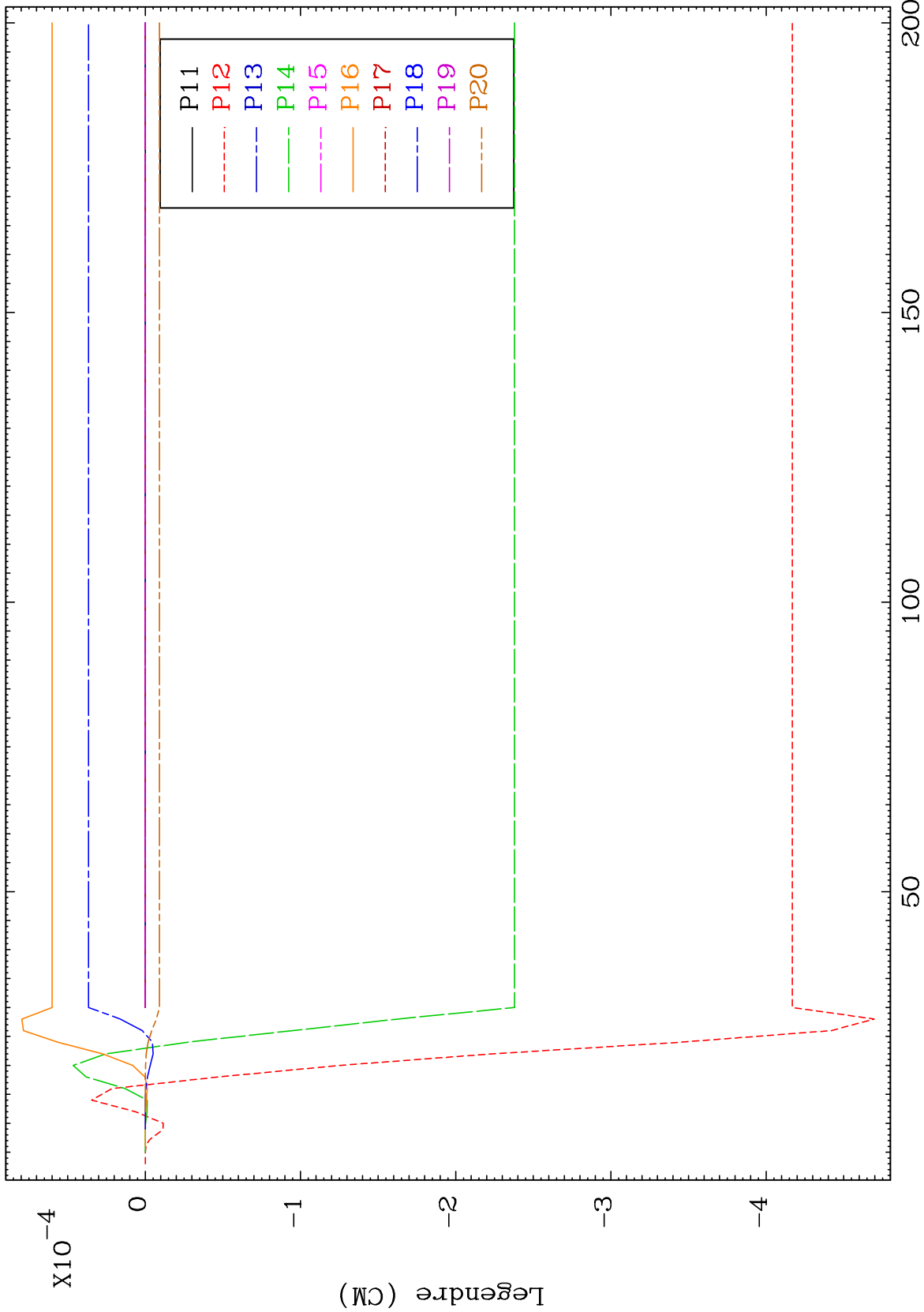
Incident Energy (MeV)

75

MAT 7846

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

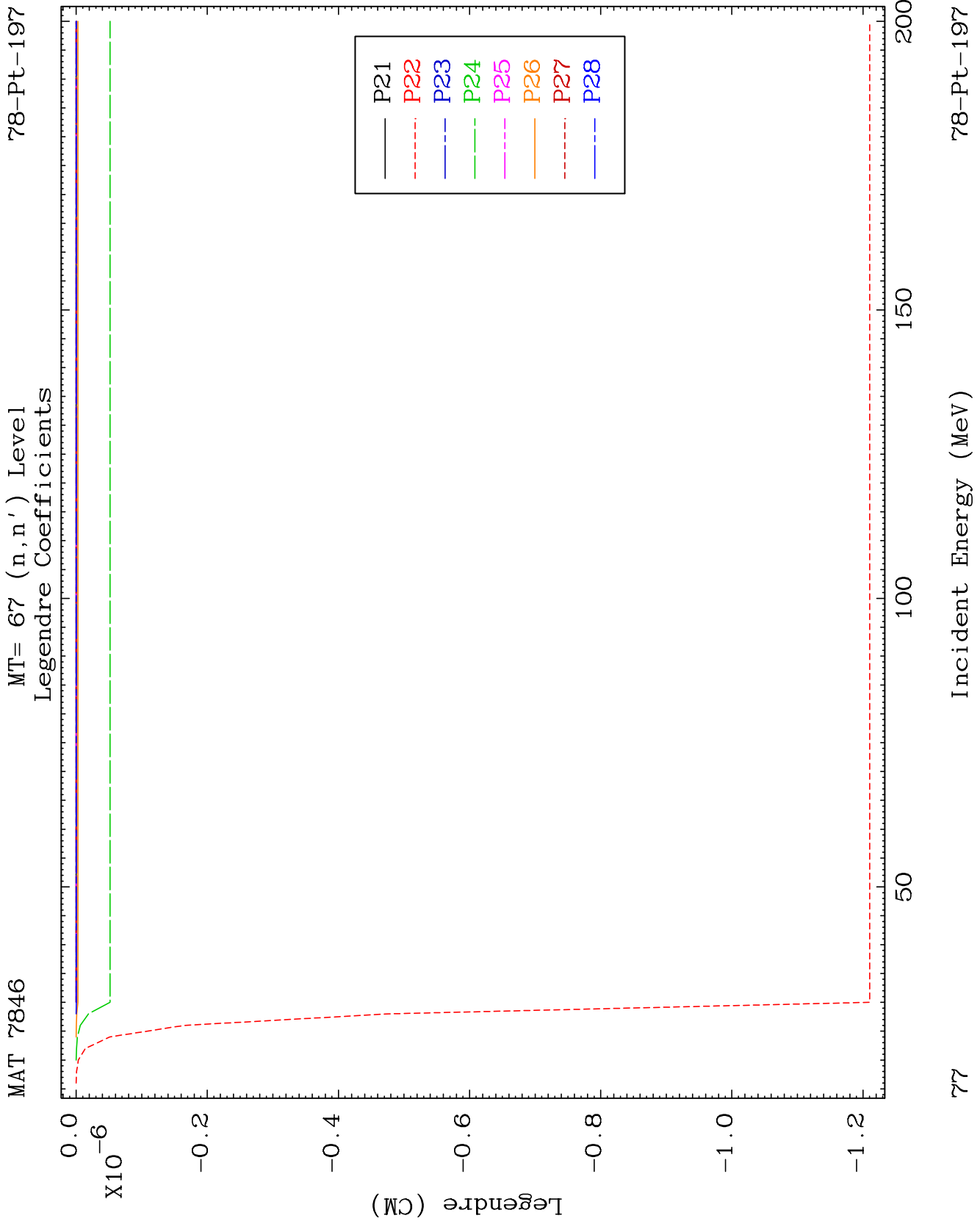
78-Pt-197



76

Incident Energy (MeV)

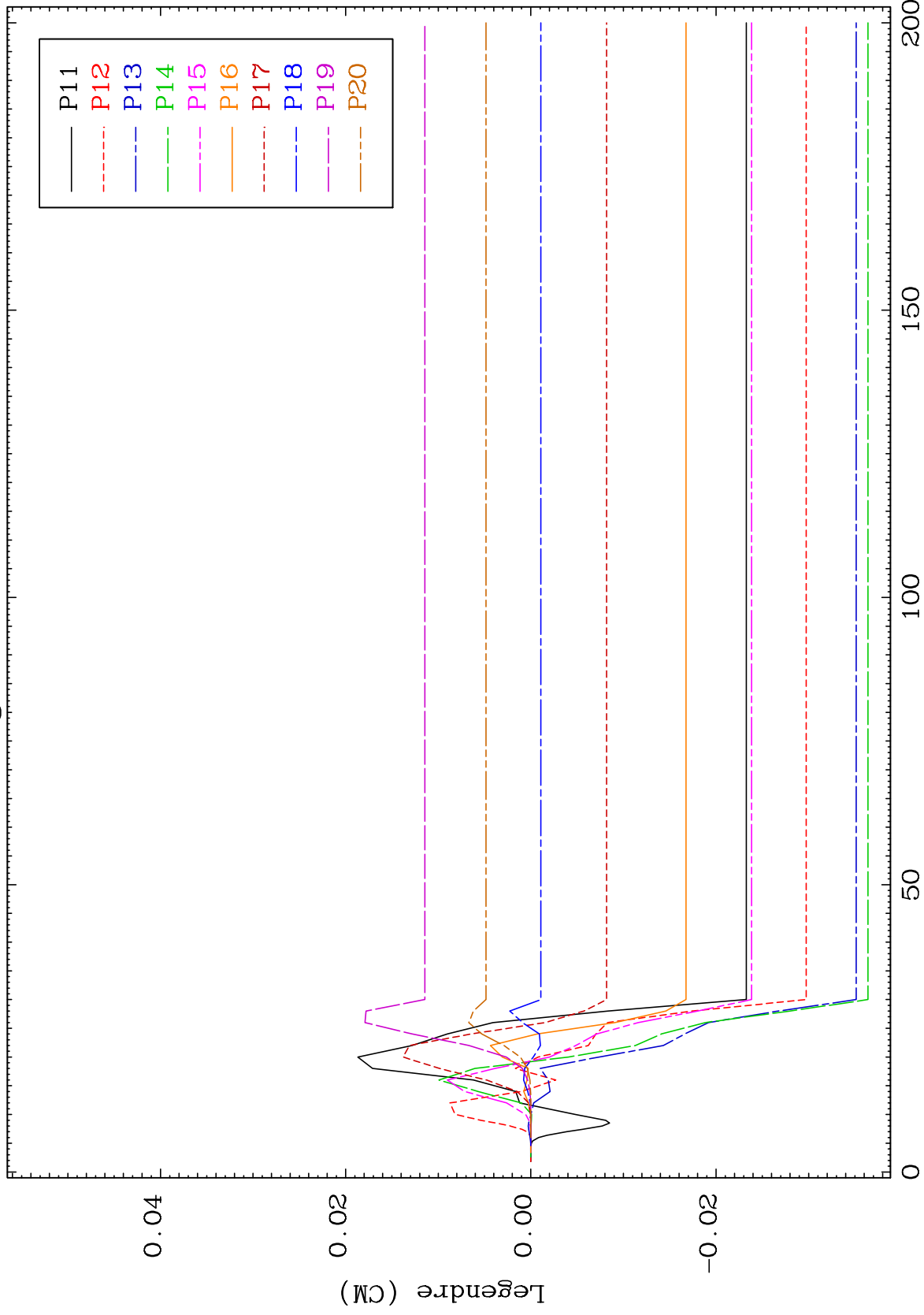
78-Pt-197



MAT 7846

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

78-Pt-197



79

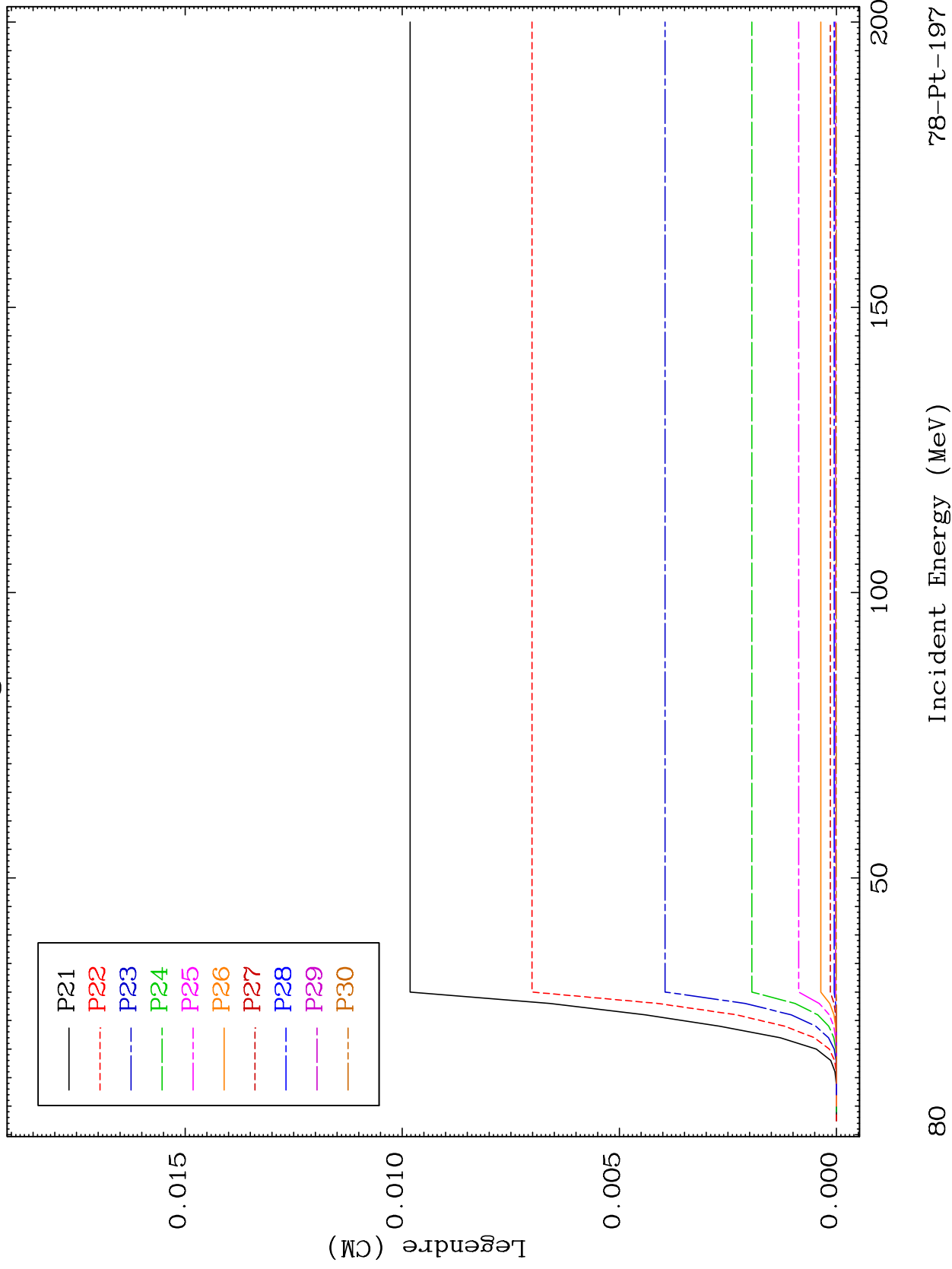
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



80

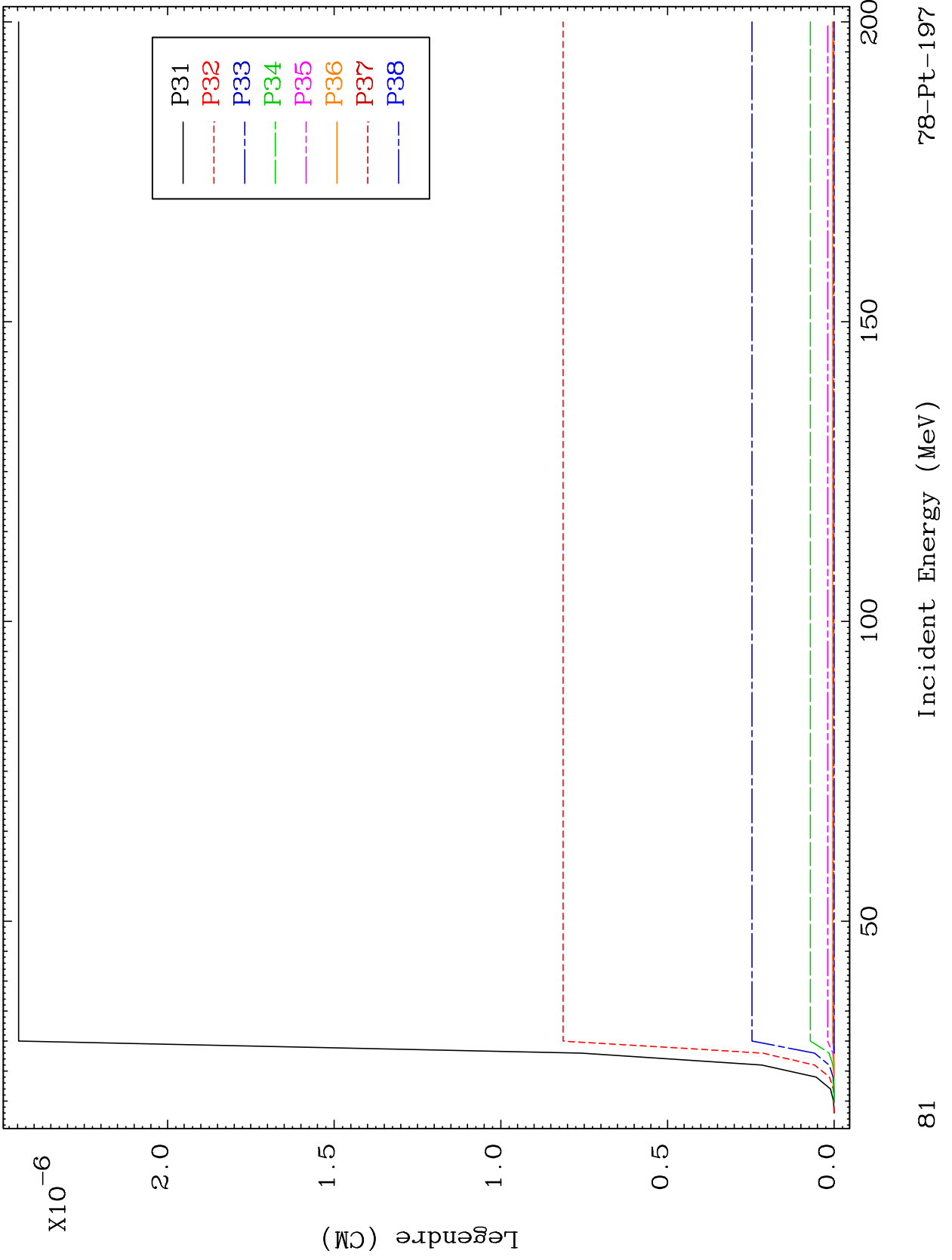
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



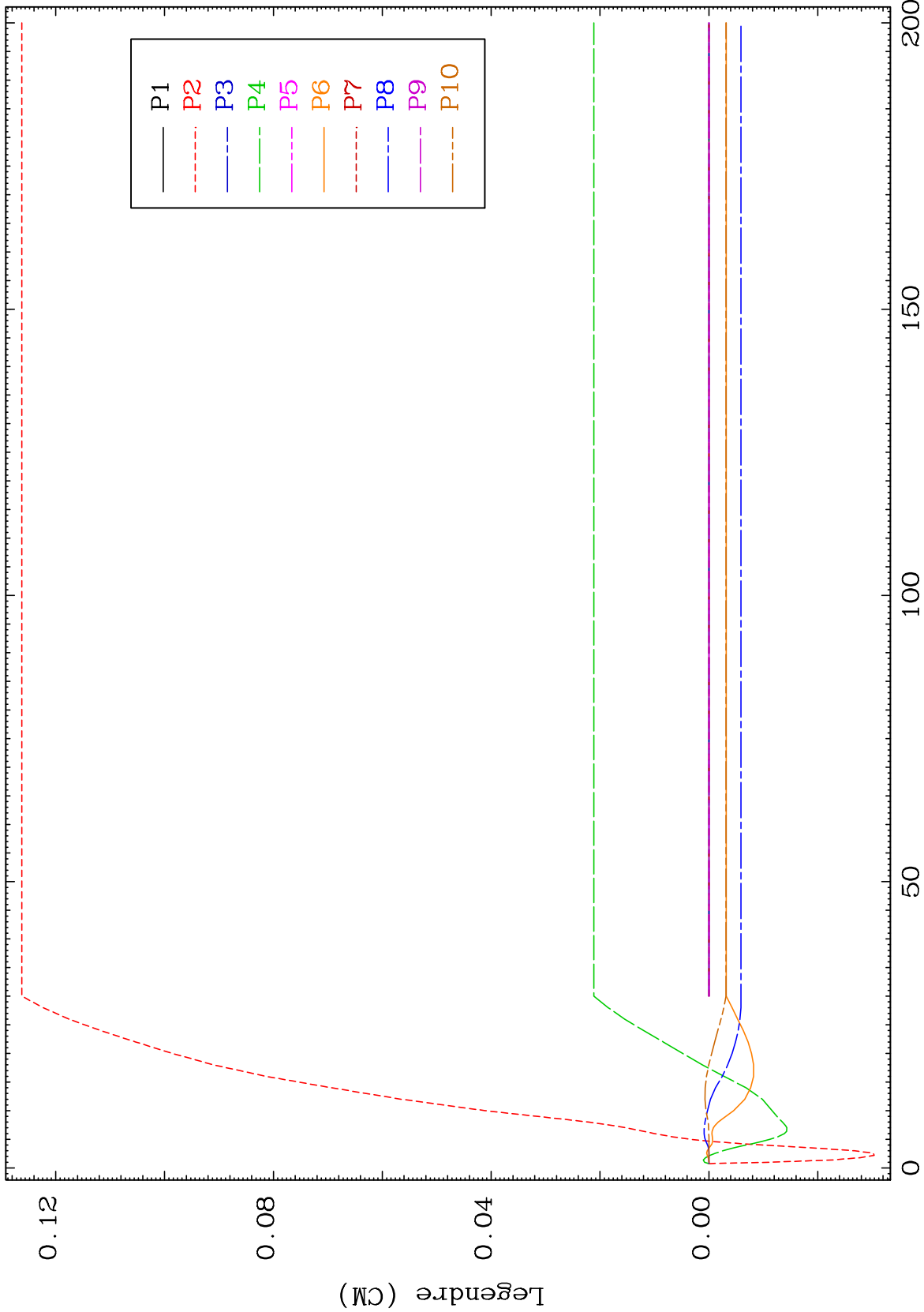
81

78-Pt-197

MAT 7846

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

78-Pt-197



82

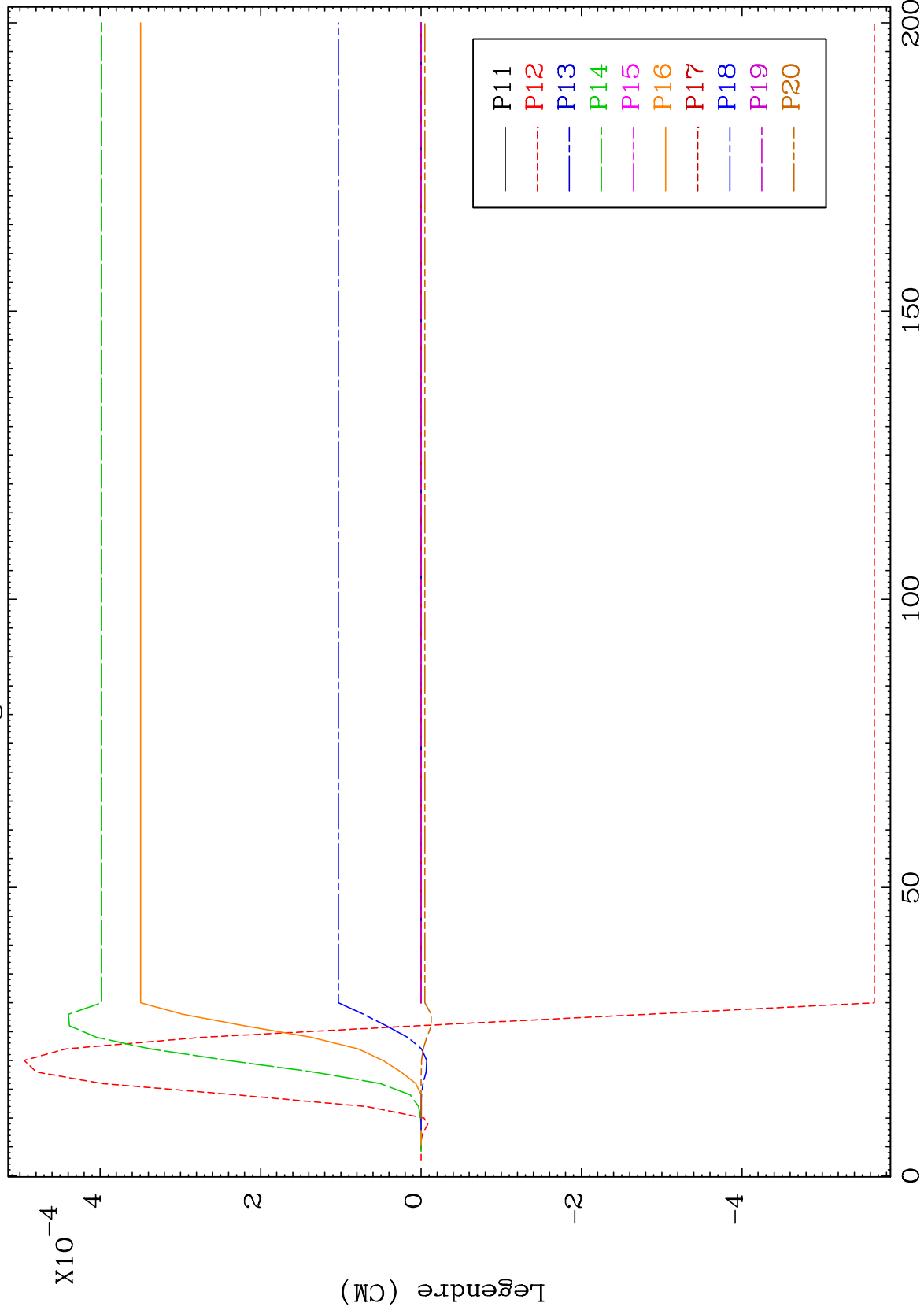
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

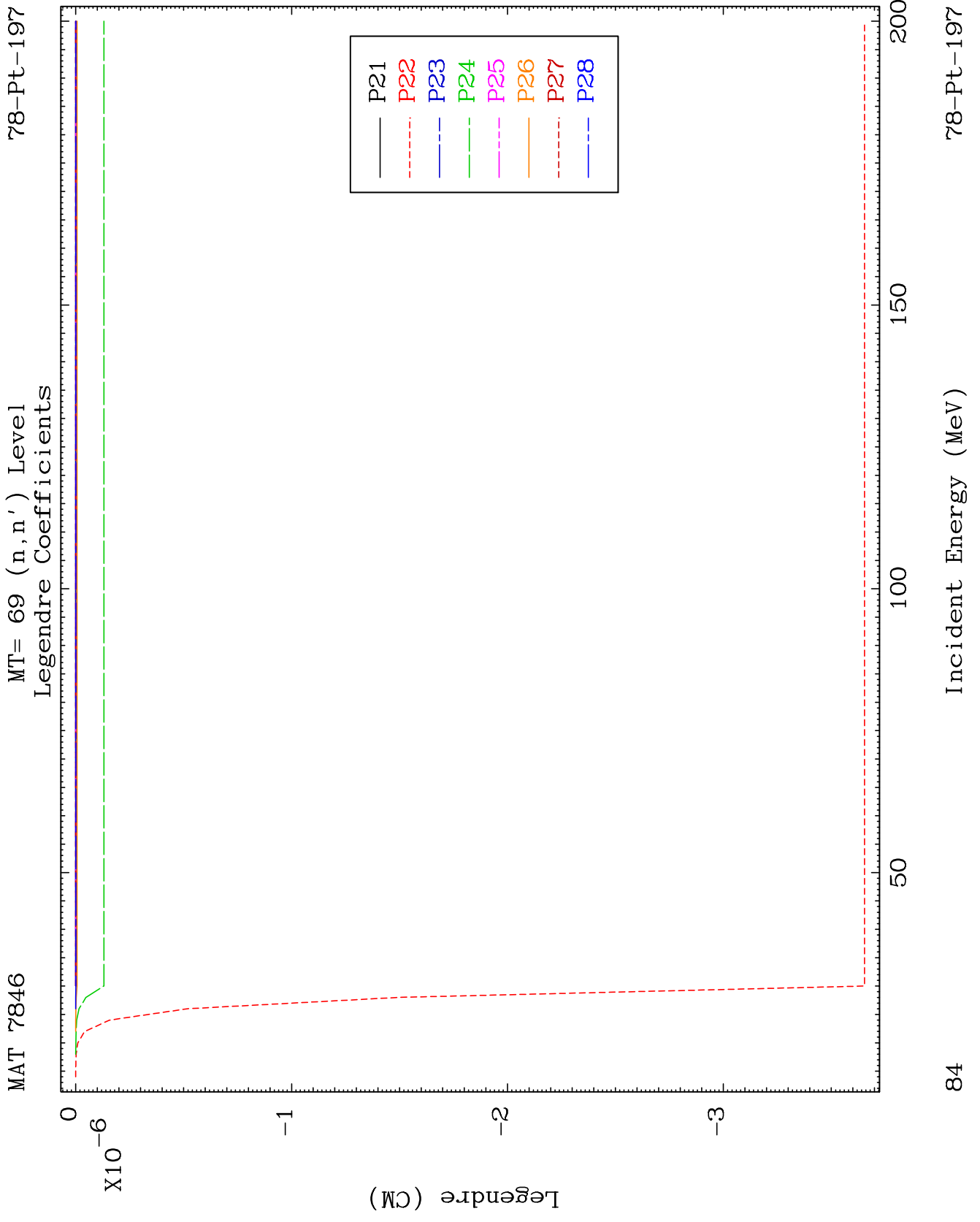
78-Pt-197

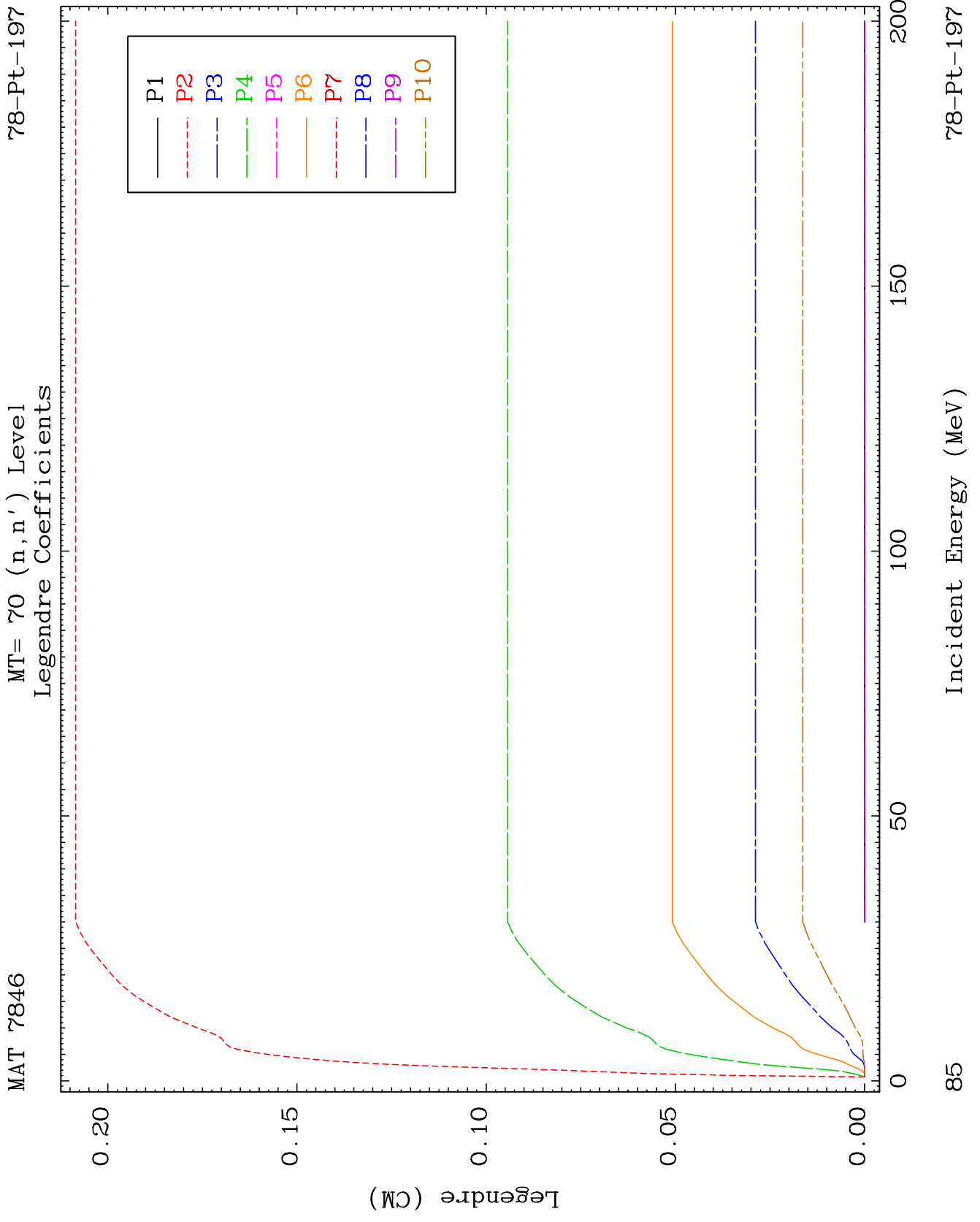


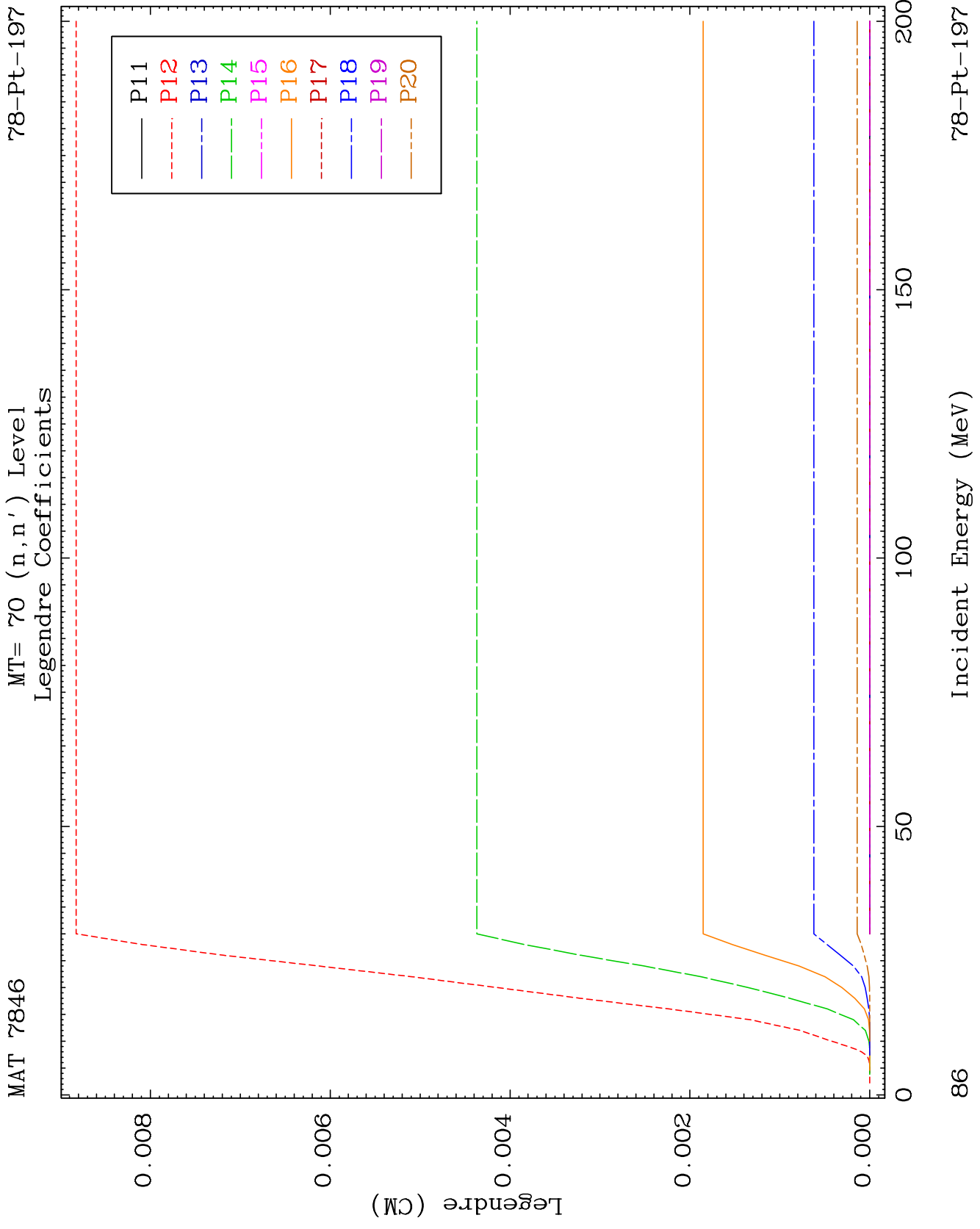
83

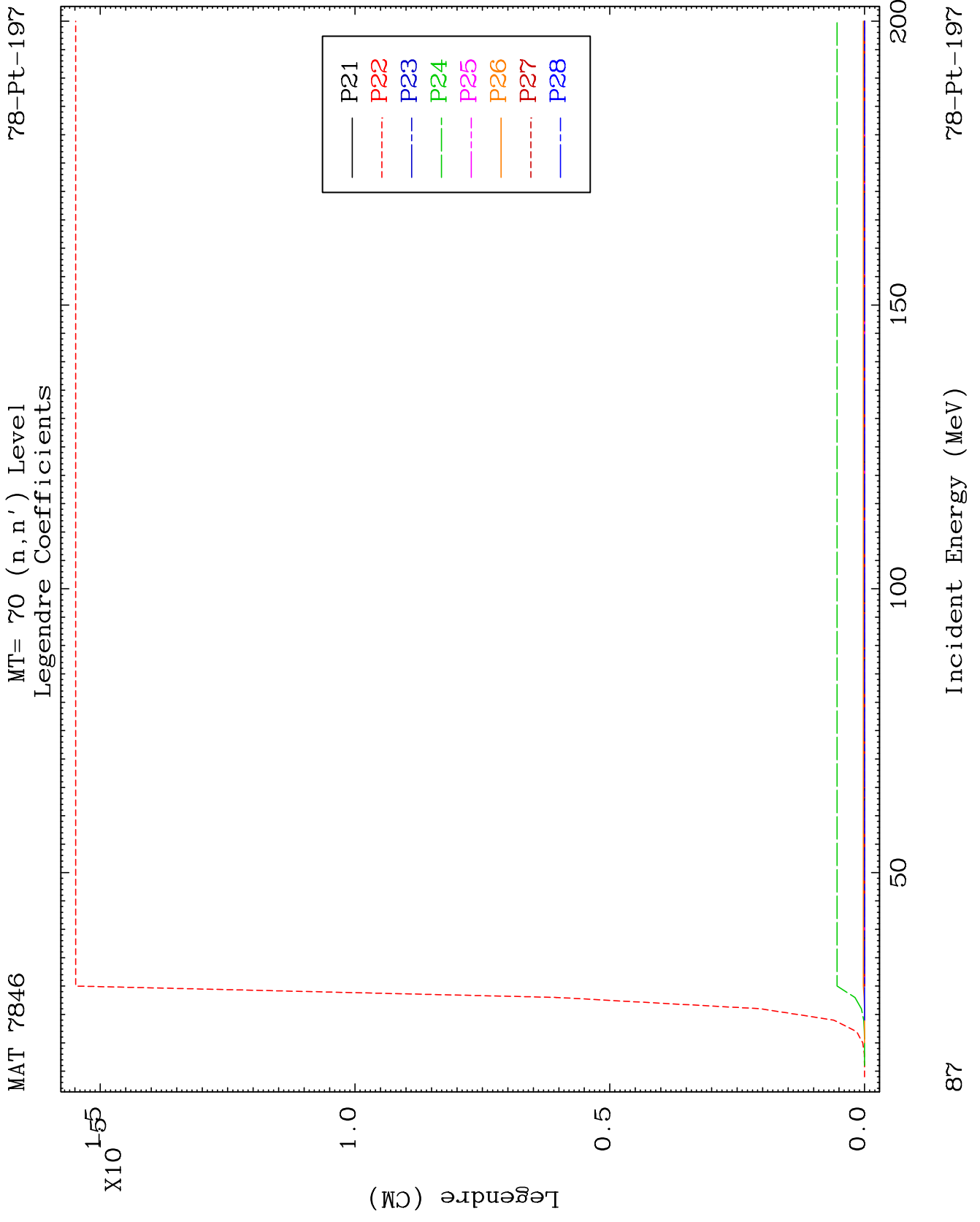
Incident Energy (MeV)

78-Pt-197





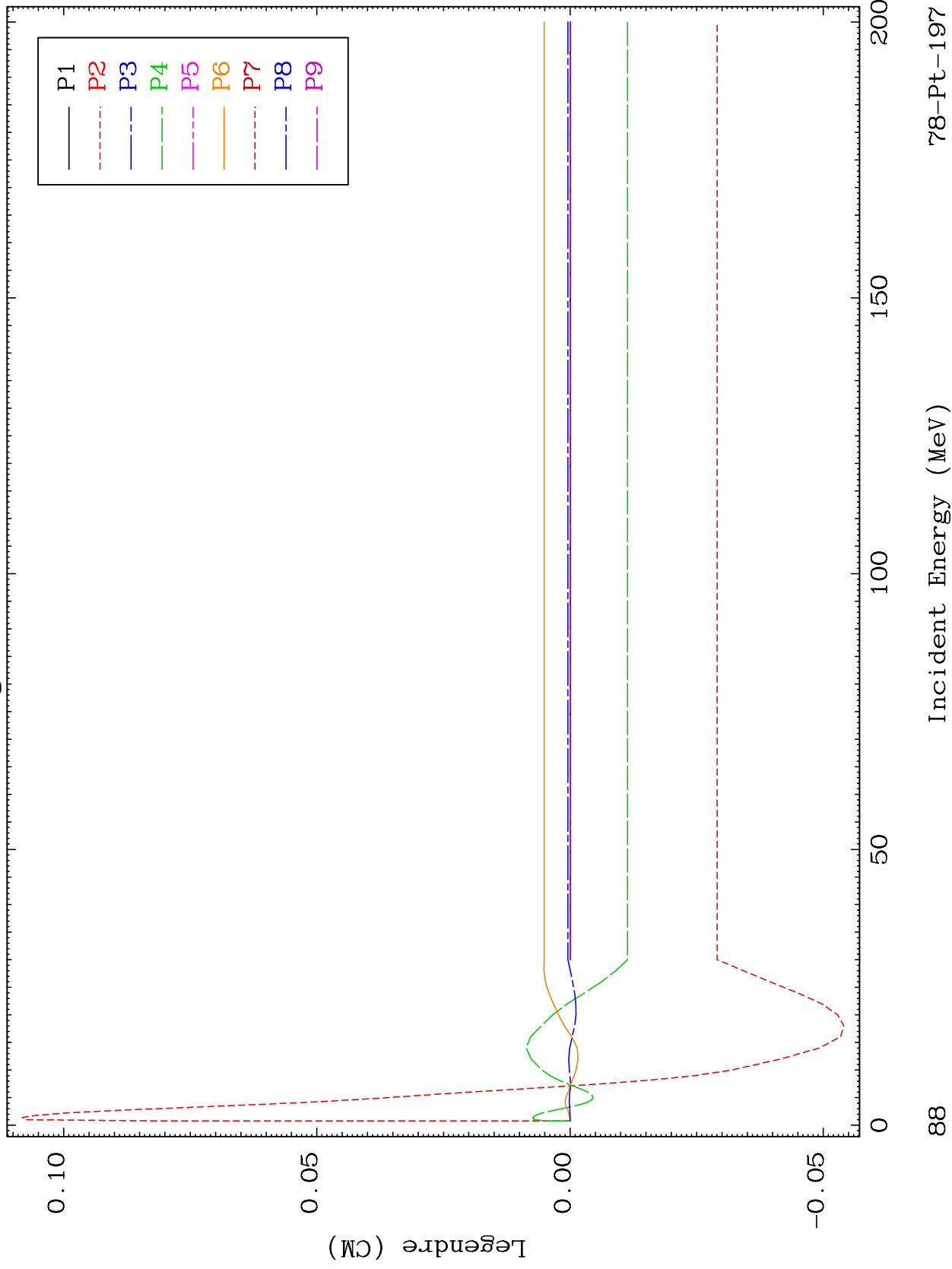




MAT 7846

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

78-Pt-197



78-Pt-197

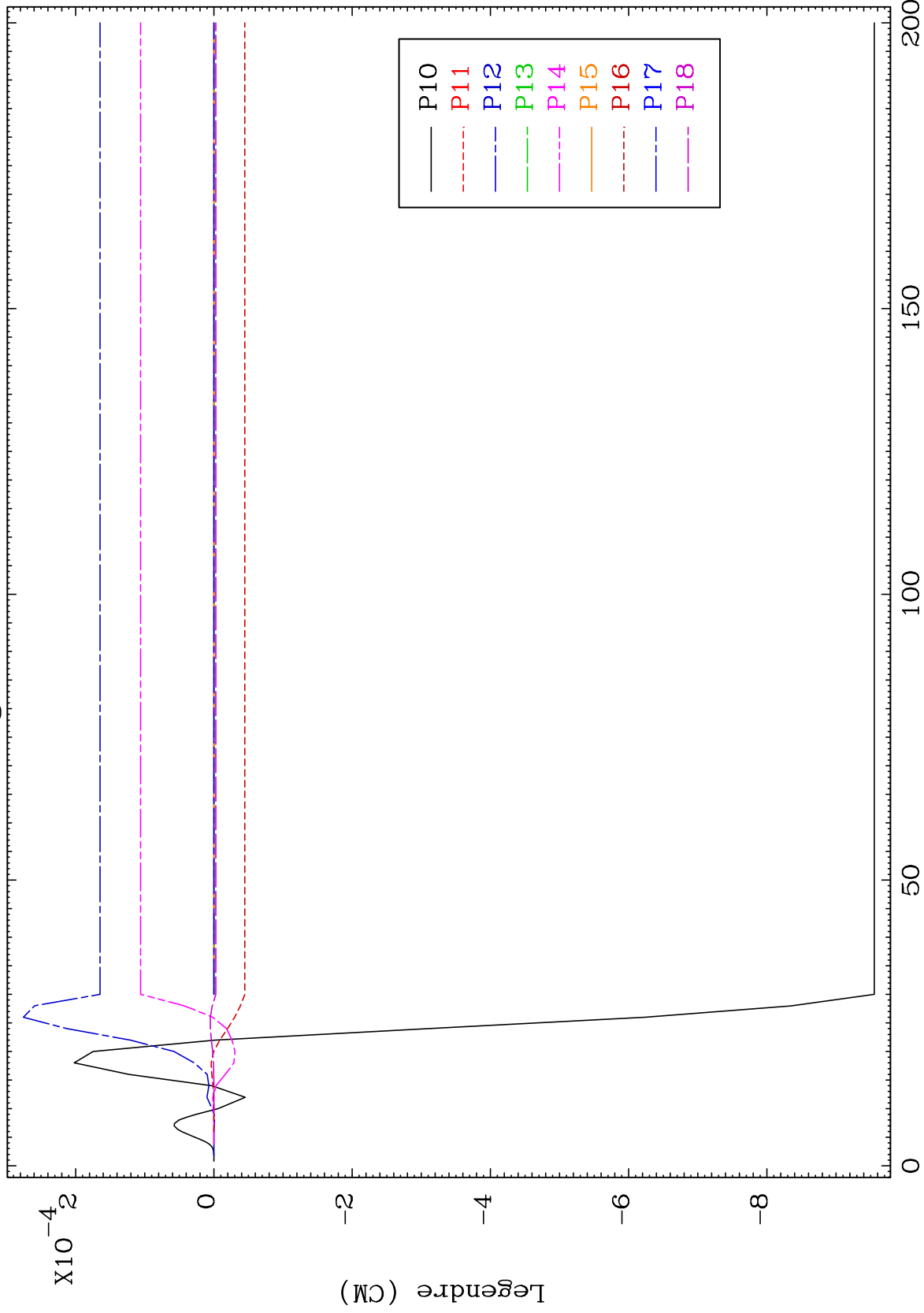
Incident Energy (MeV)

88

MAT 7846

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

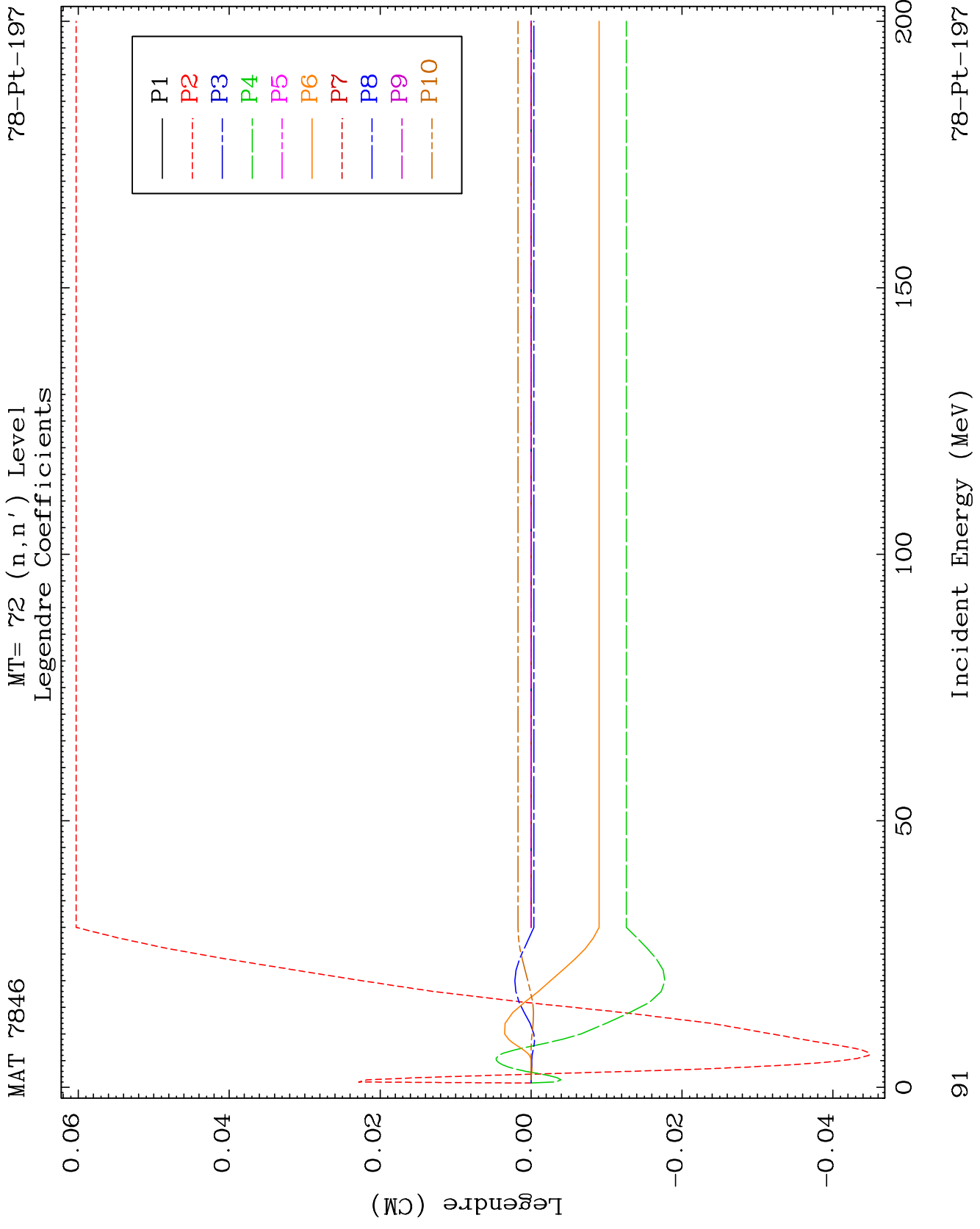
78-Pt-197



89

Incident Energy (MeV)

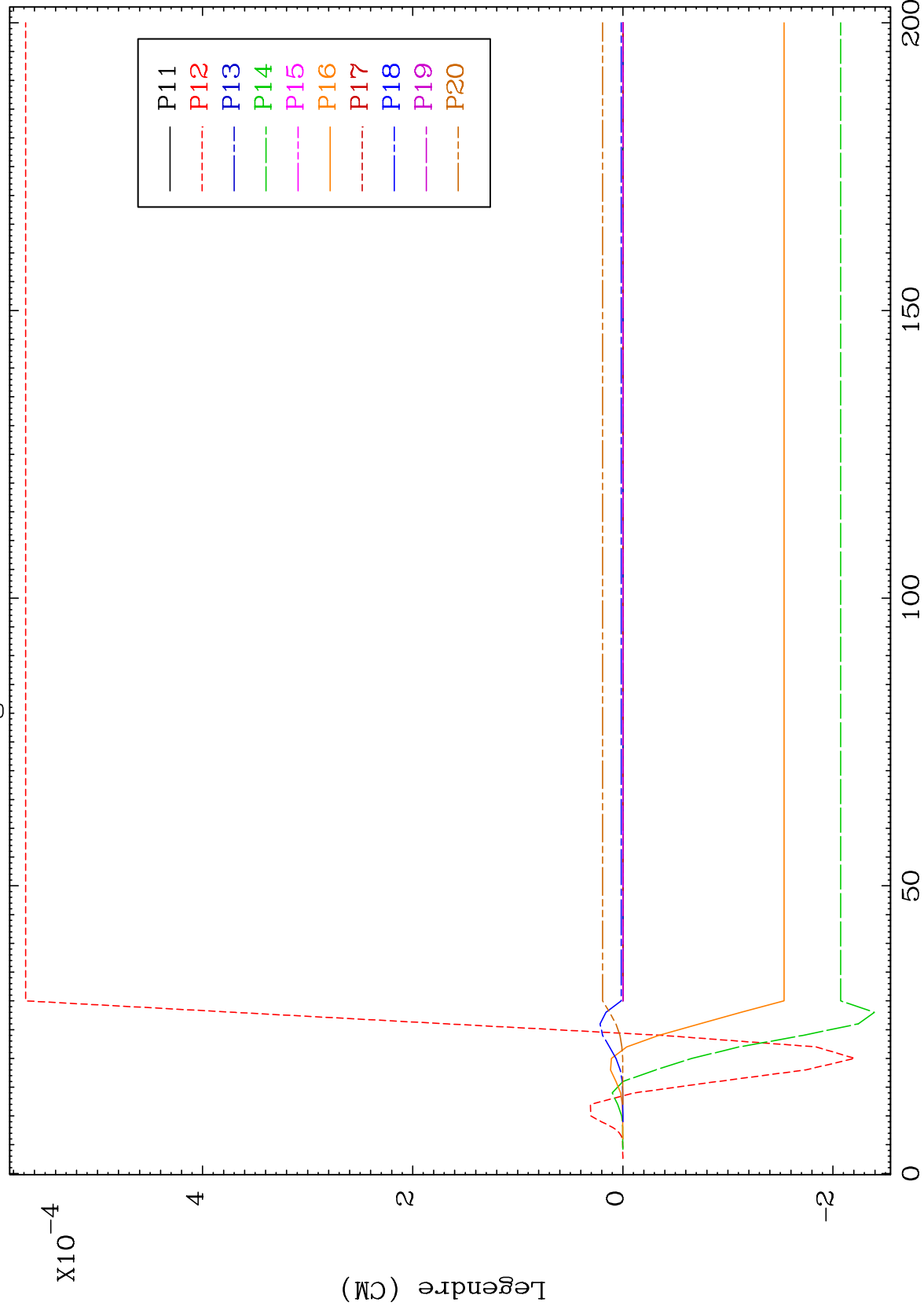
78-Pt-197



MAT 7846

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

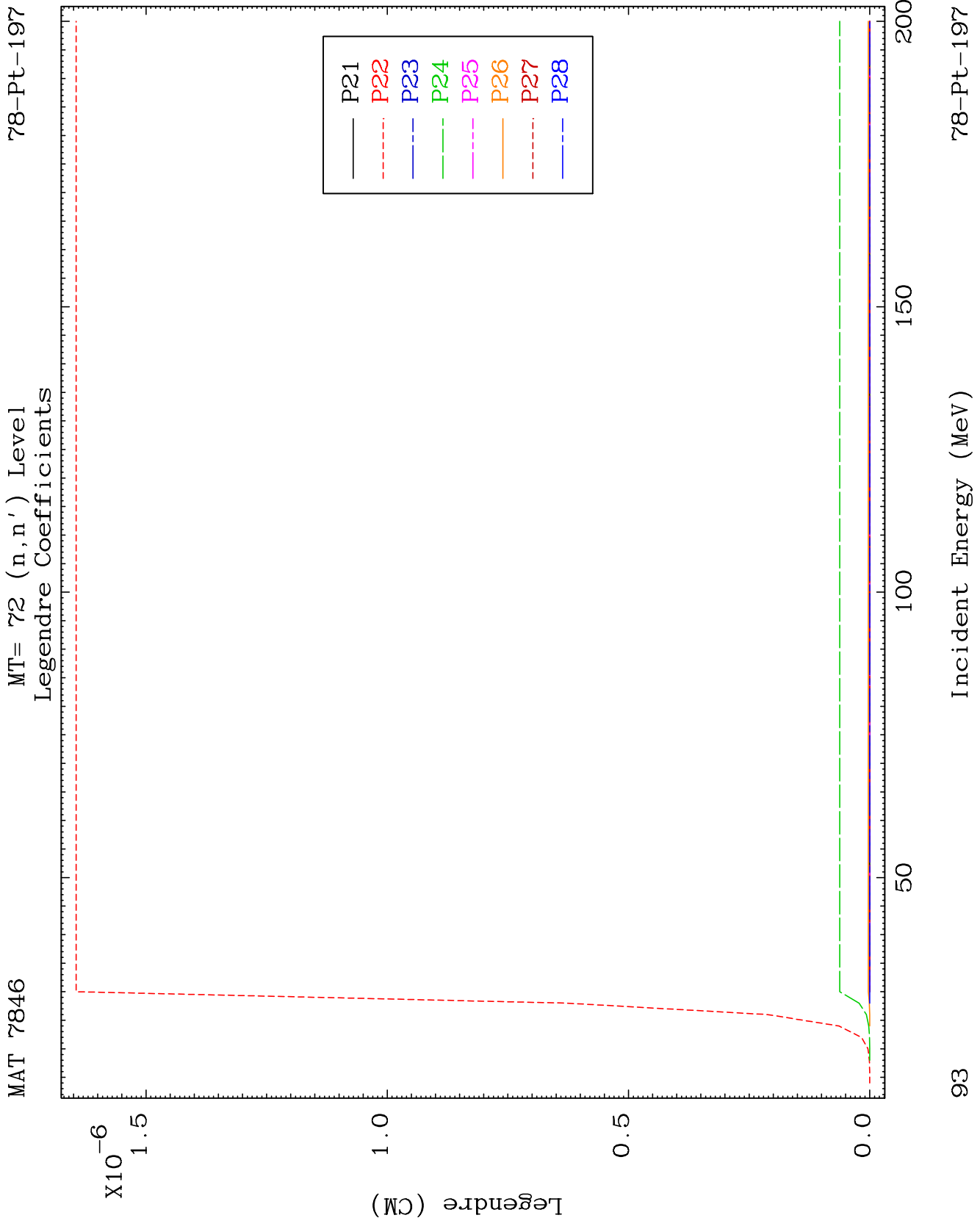
78-Pt-197



92

Incident Energy (MeV)

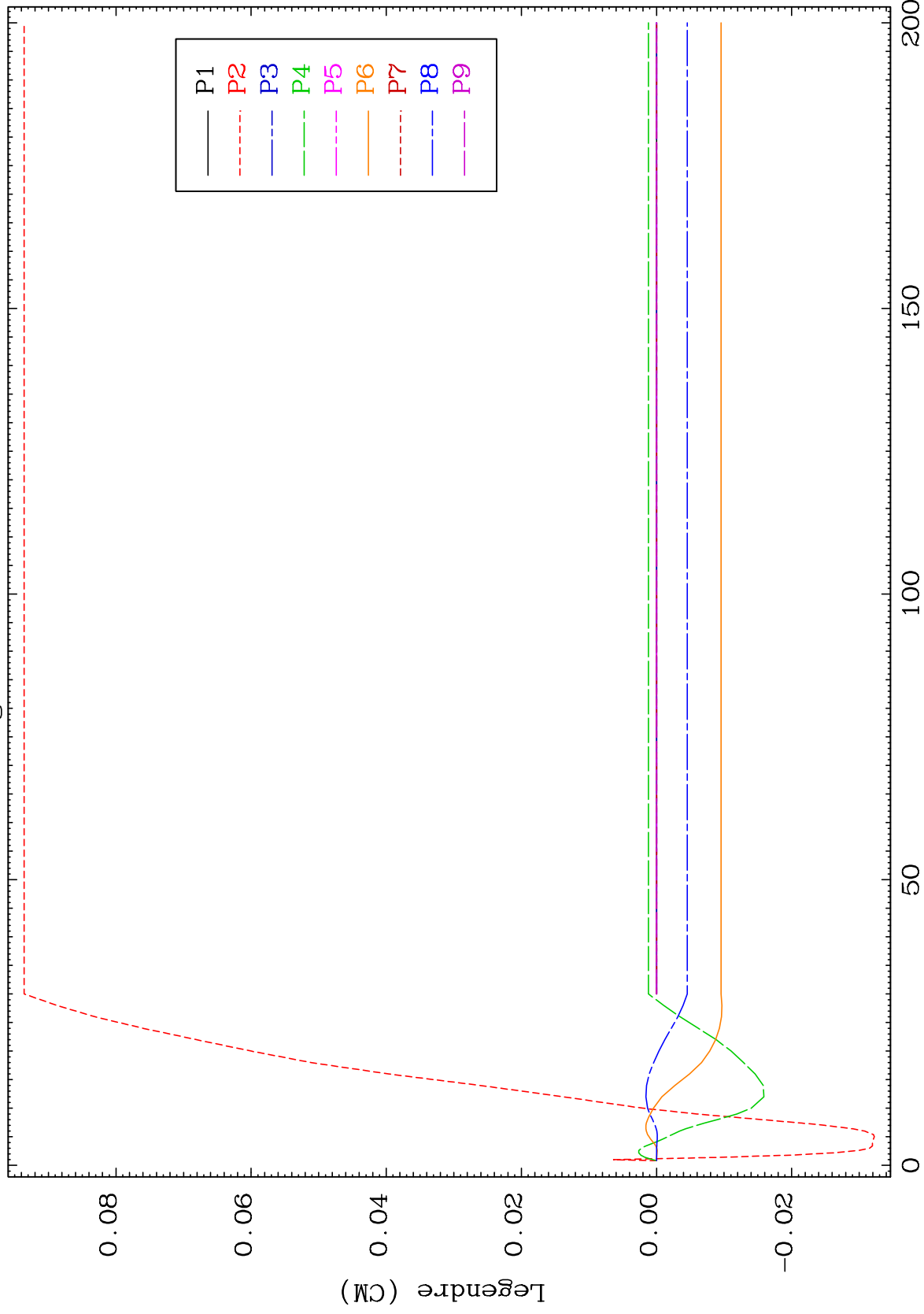
78-Pt-197



MAT 7846

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

78-Pt-197



94

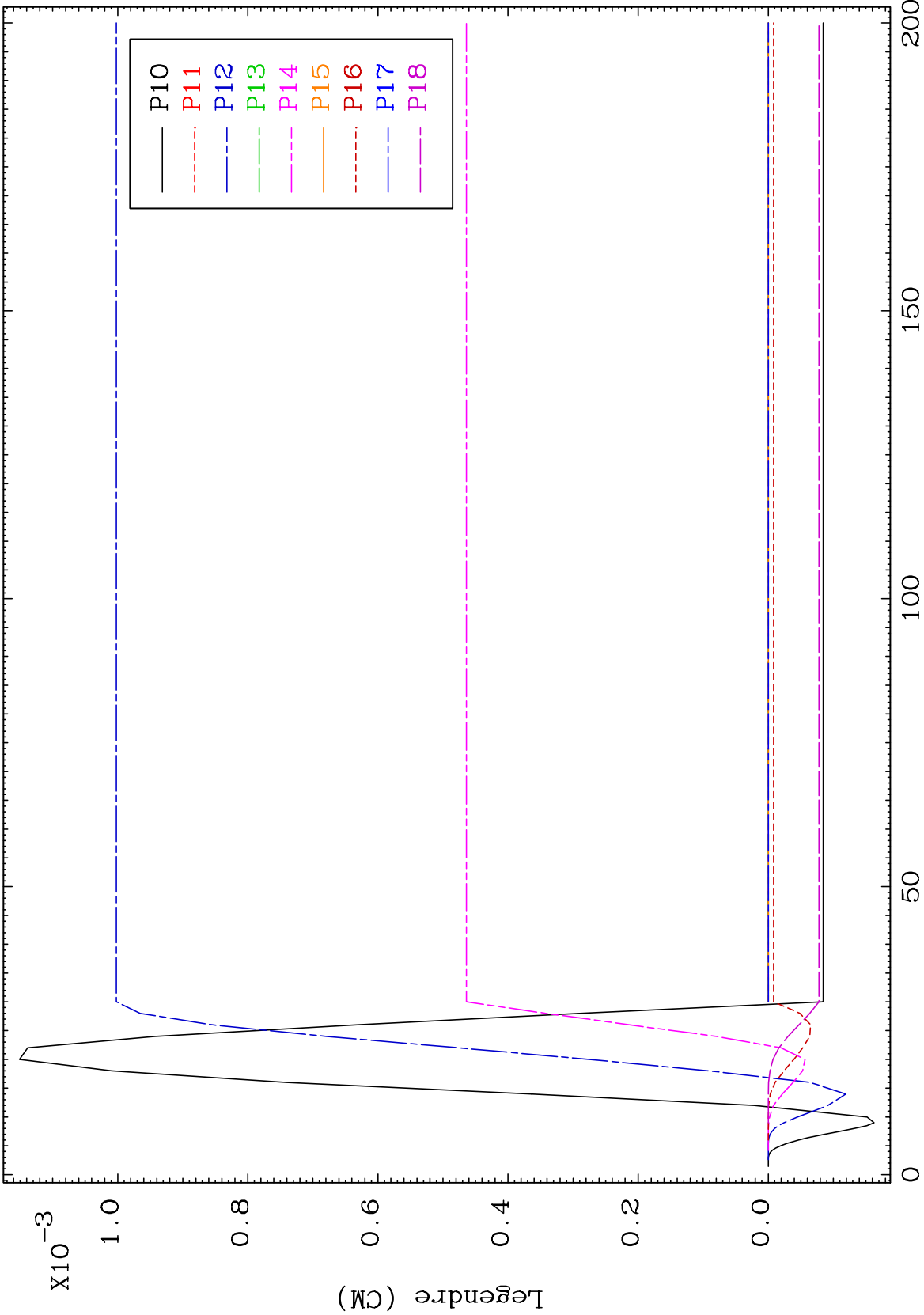
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

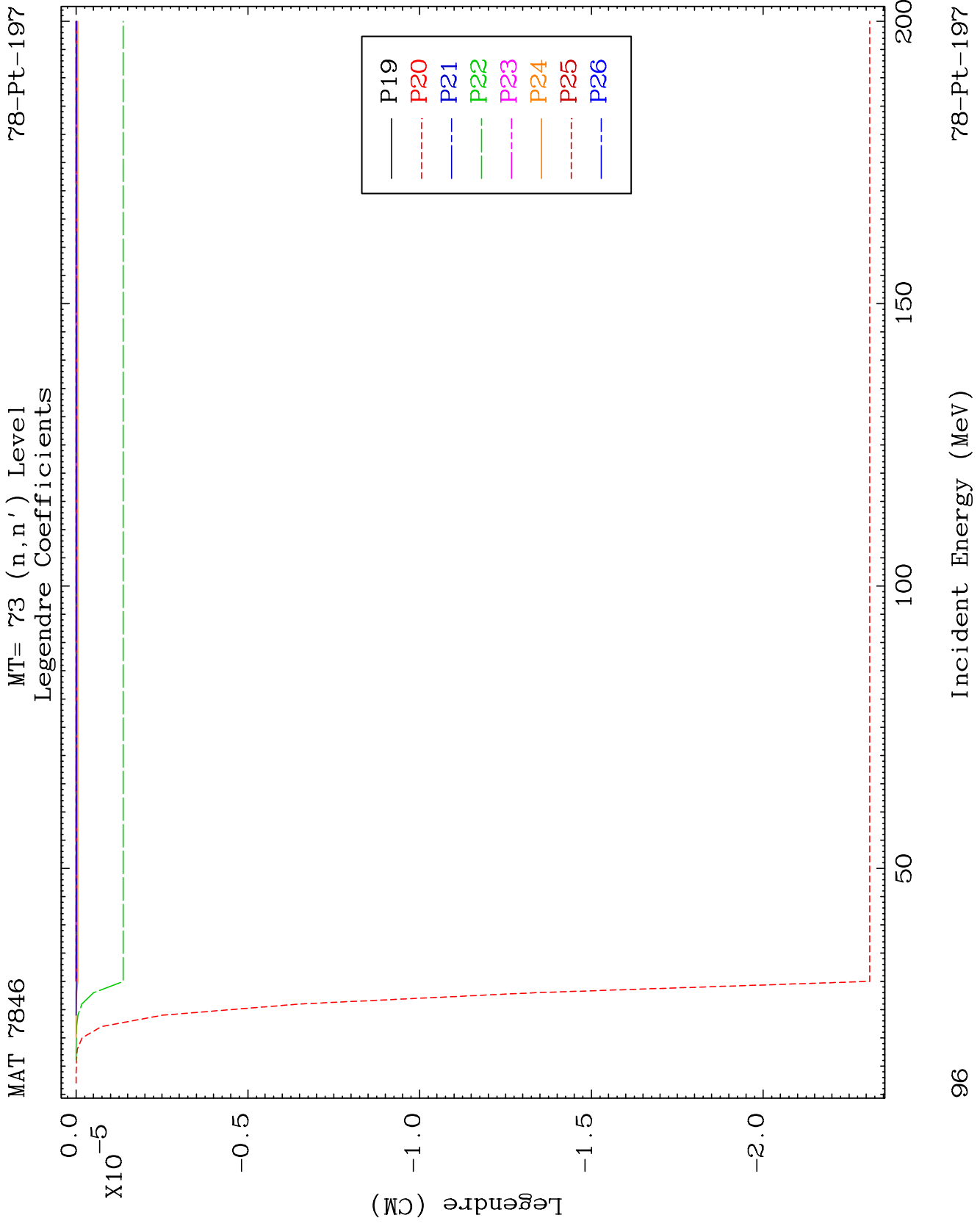
78-Pt-197



95

Incident Energy (MeV)

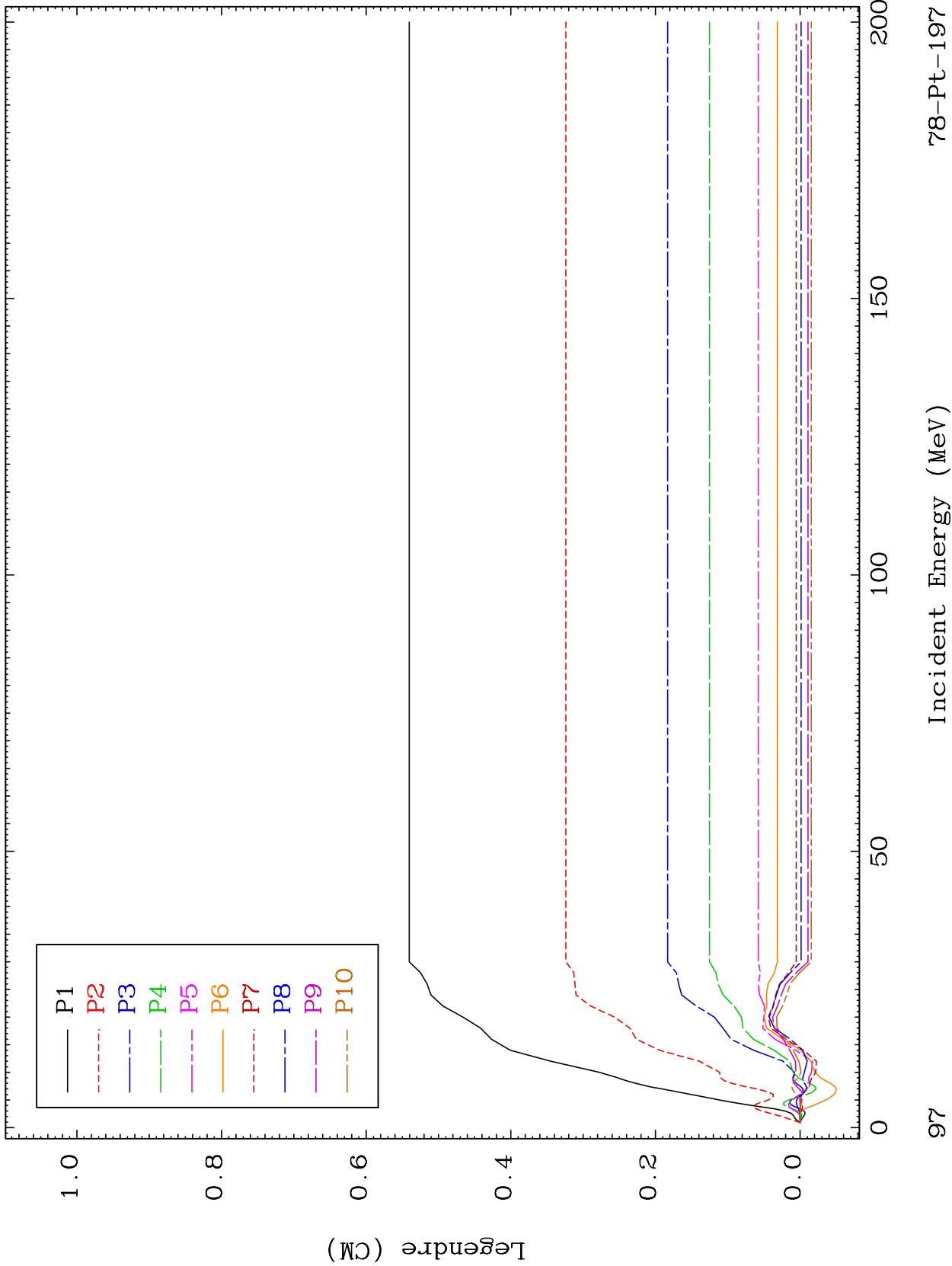
78-Pt-197



MAT 7846

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

78-Pt-197



97

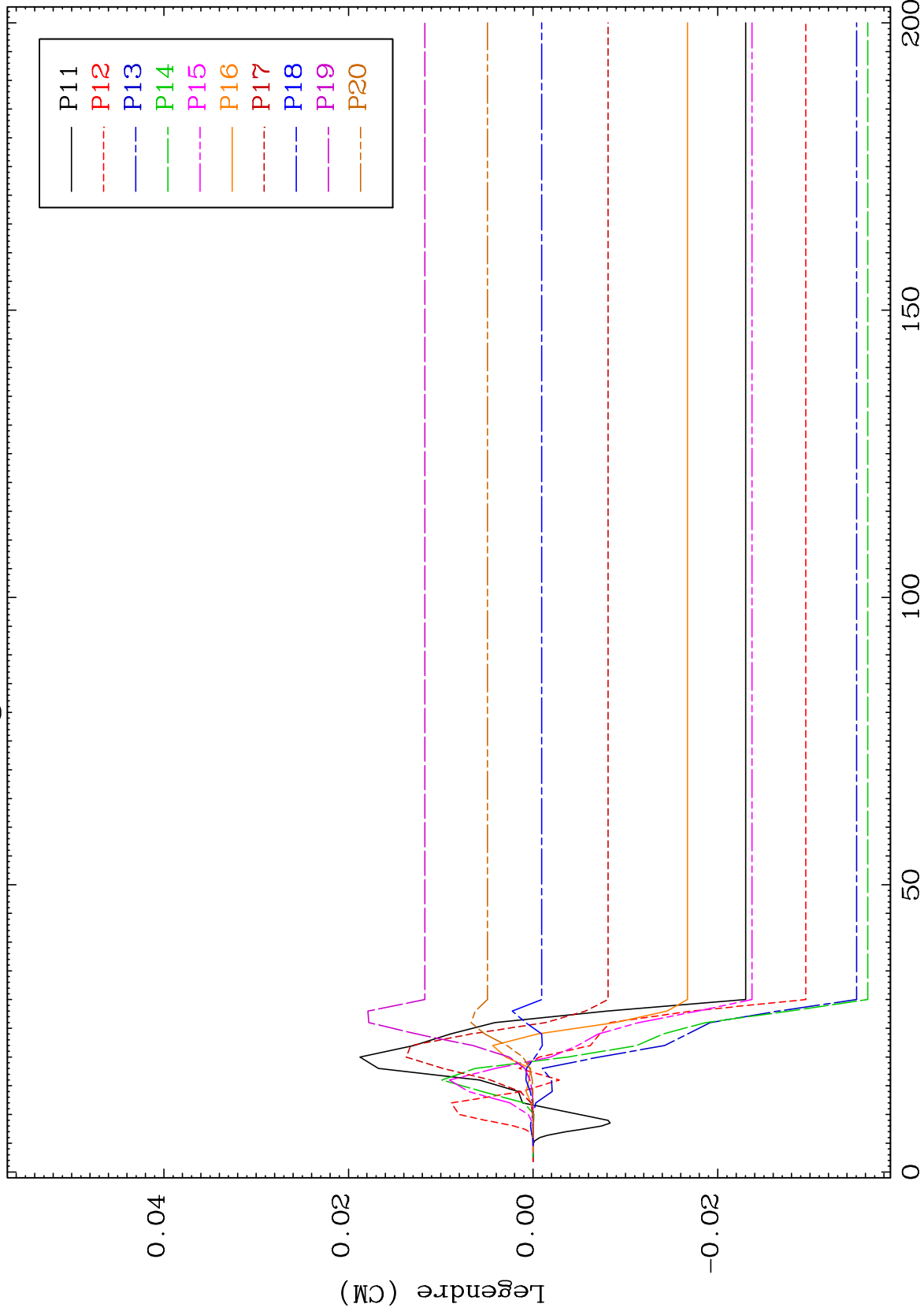
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



98

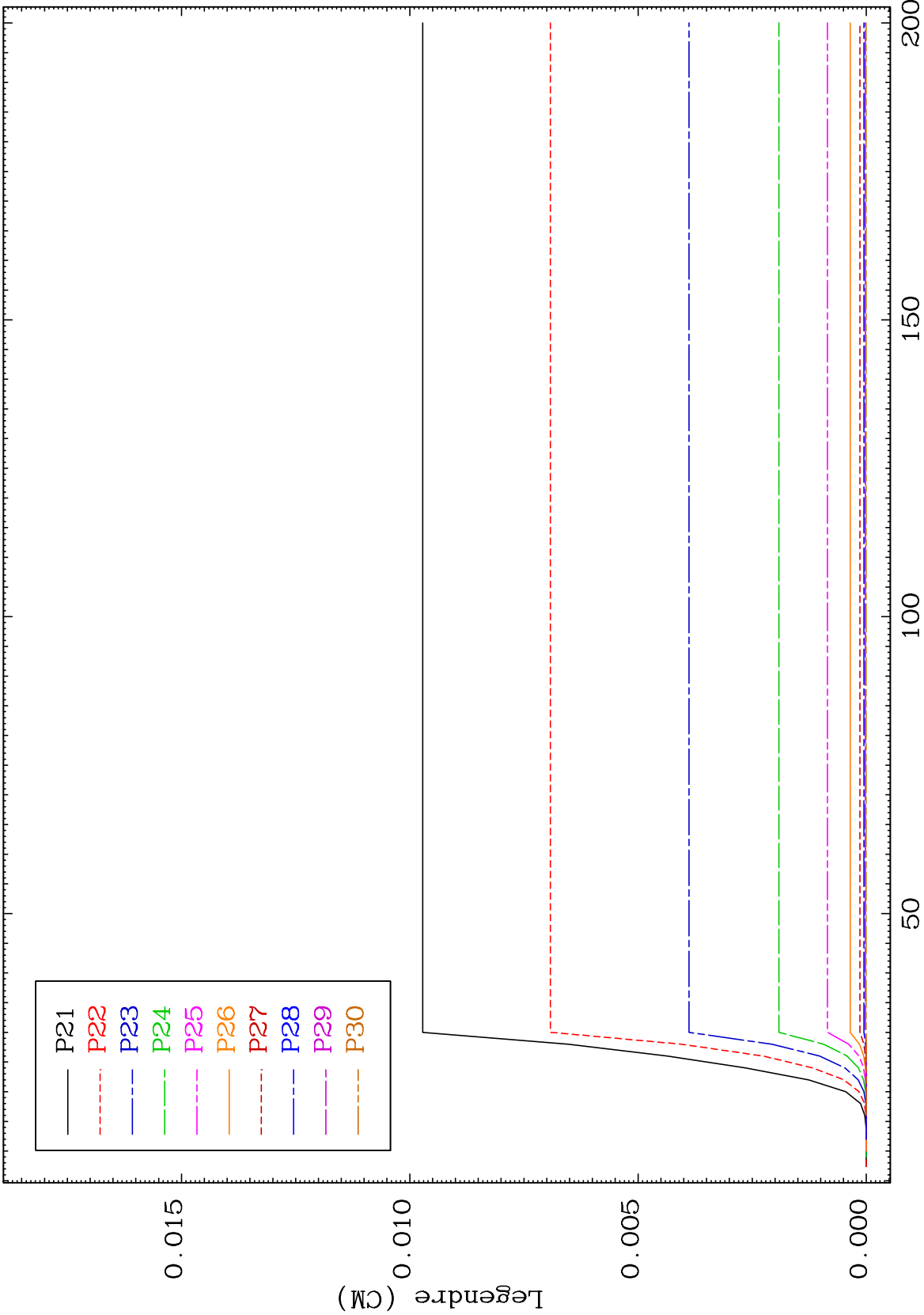
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



99

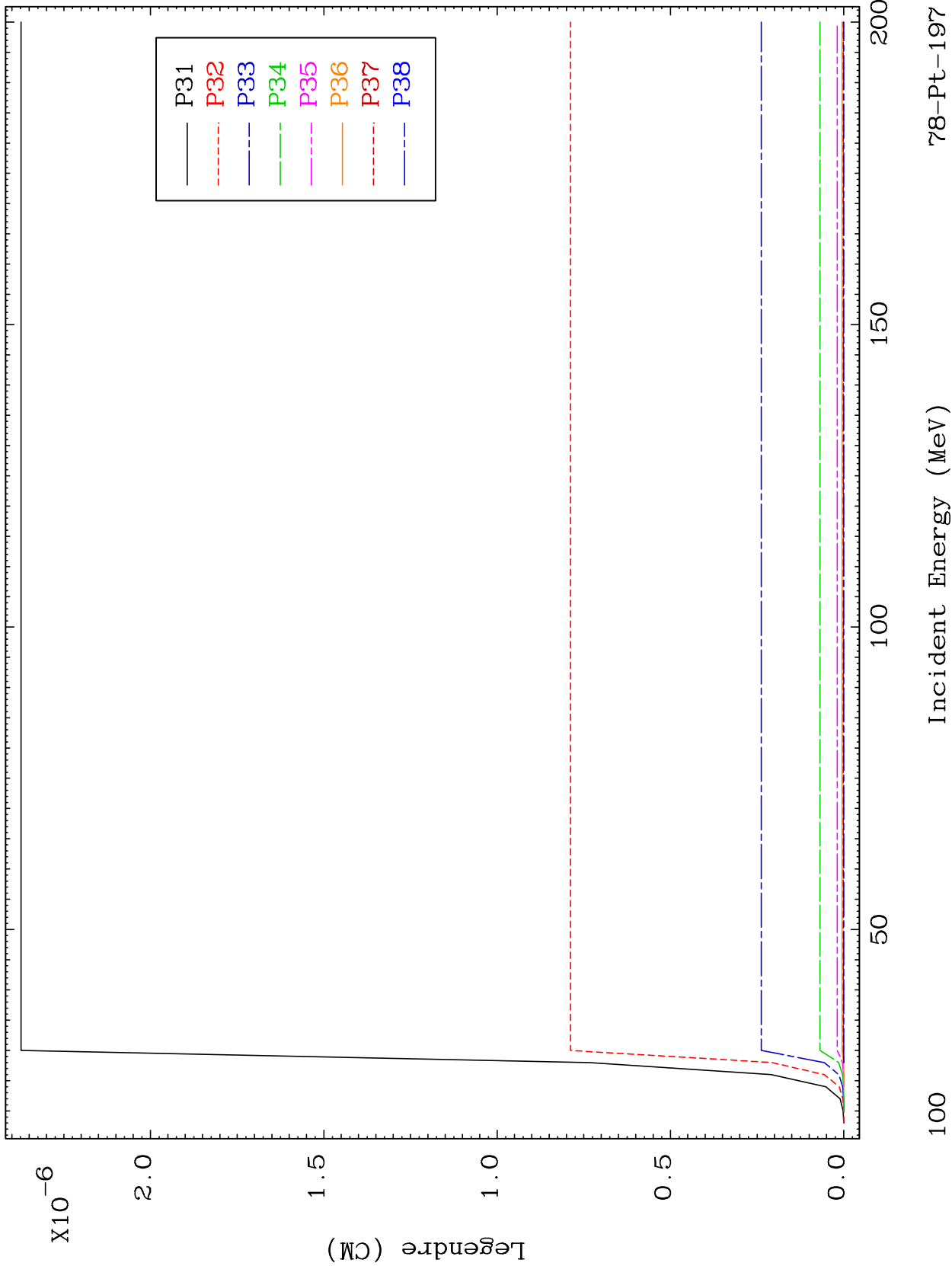
Incident Energy (MeV)

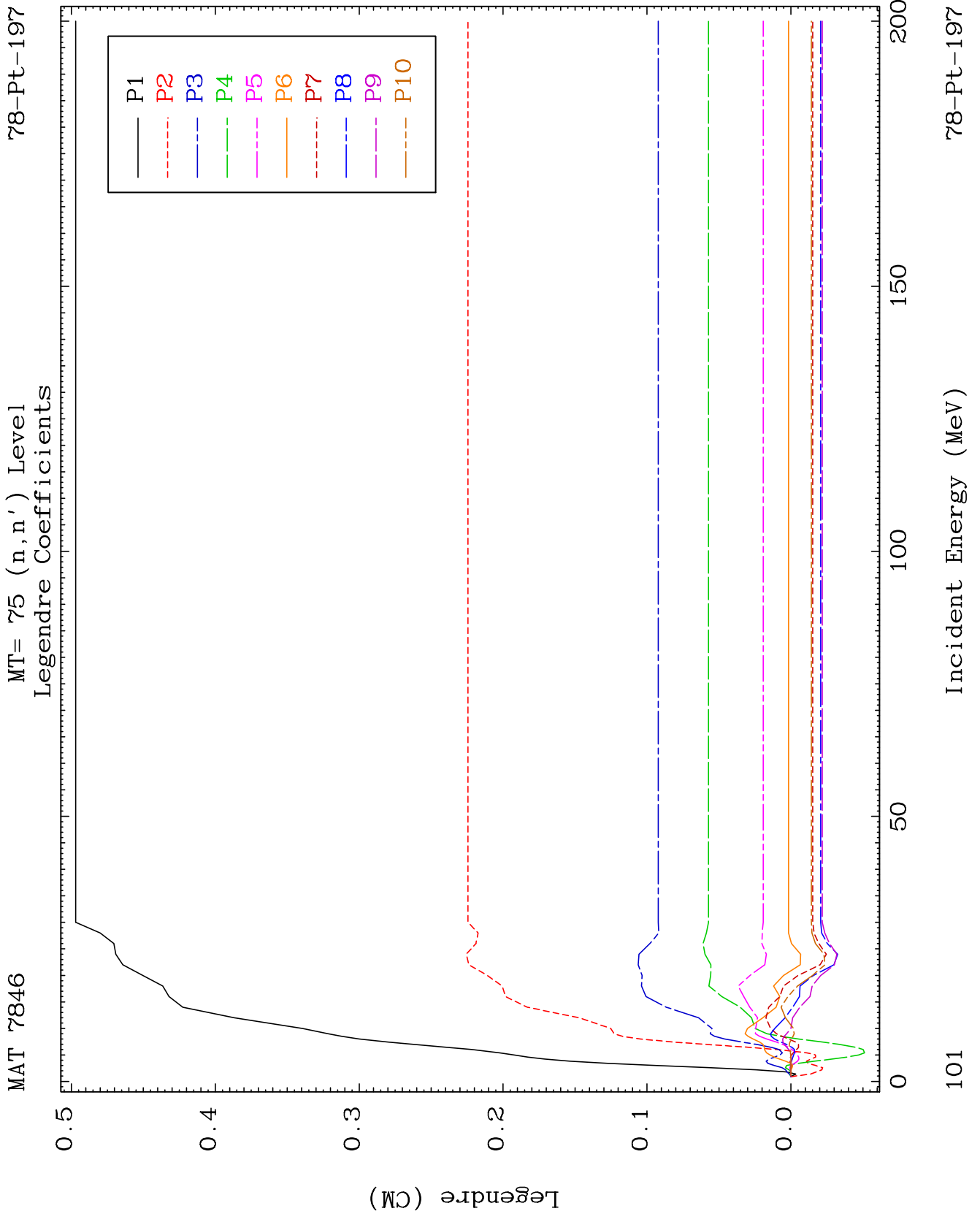
78-Pt-197

MAT 7846

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

78-Pt-197

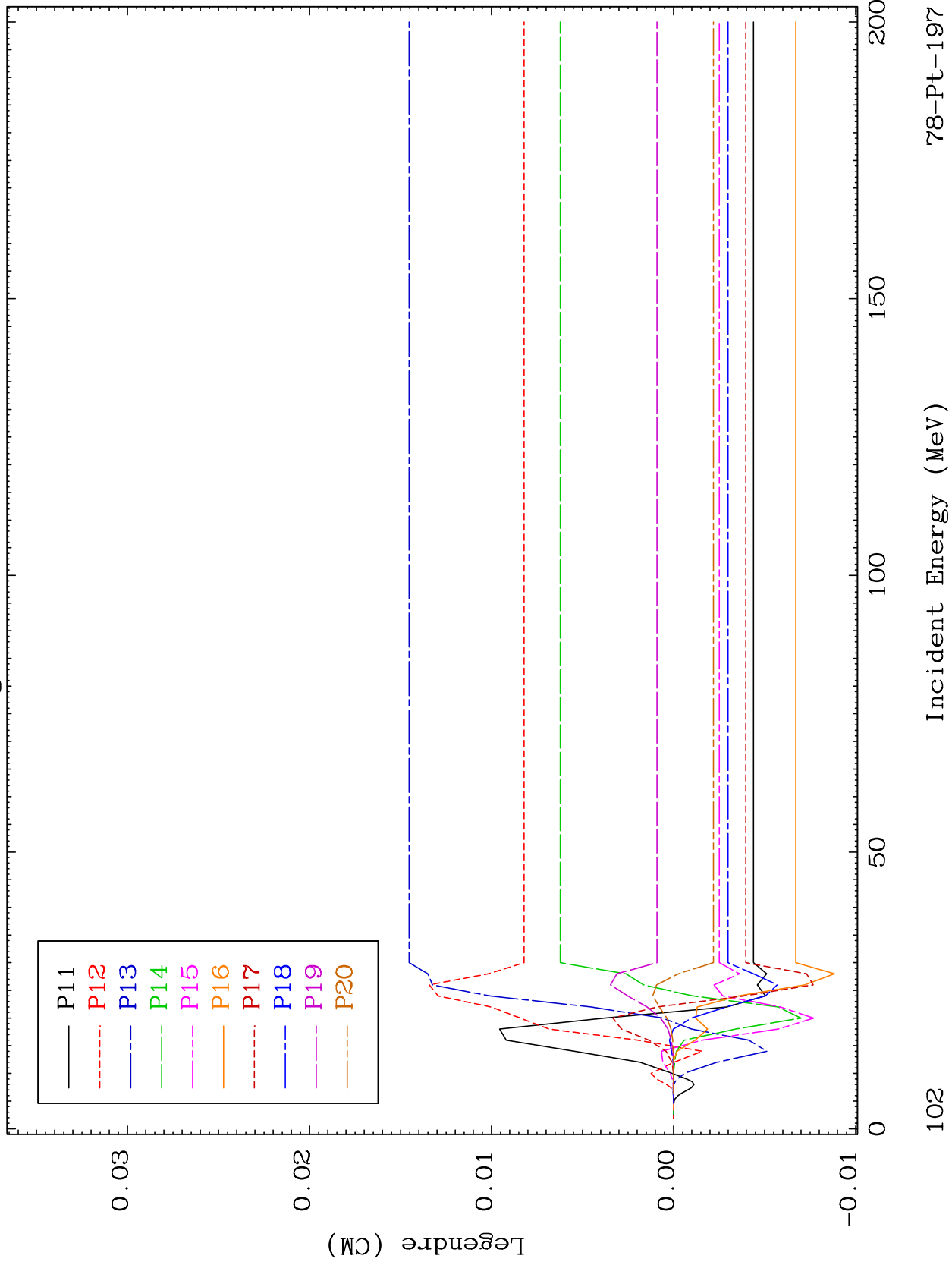




MAT 7846

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

78-Pt-197



78-Pt-197

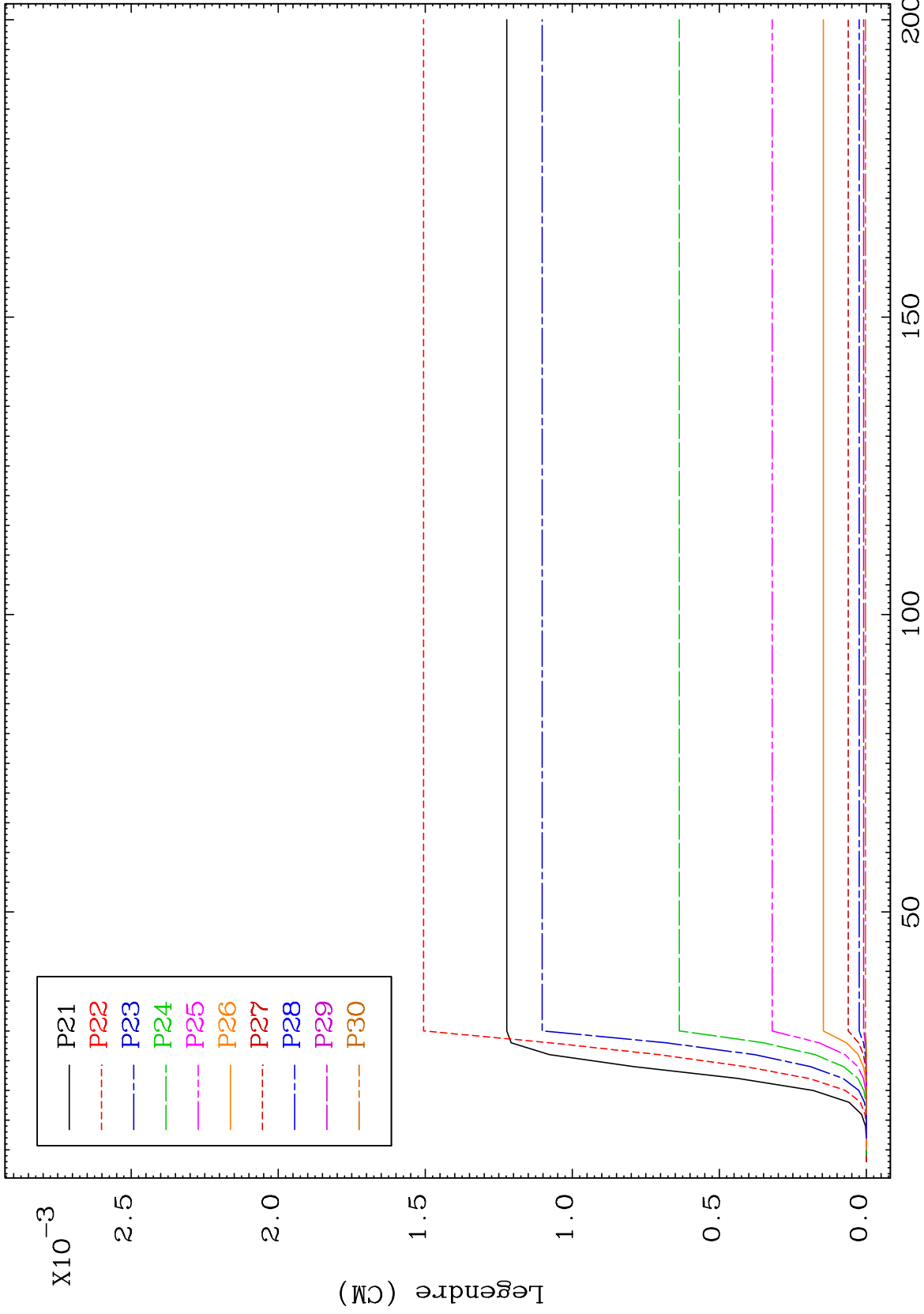
Incident Energy (MeV)

102

MAT 7846

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

78-Pt-197



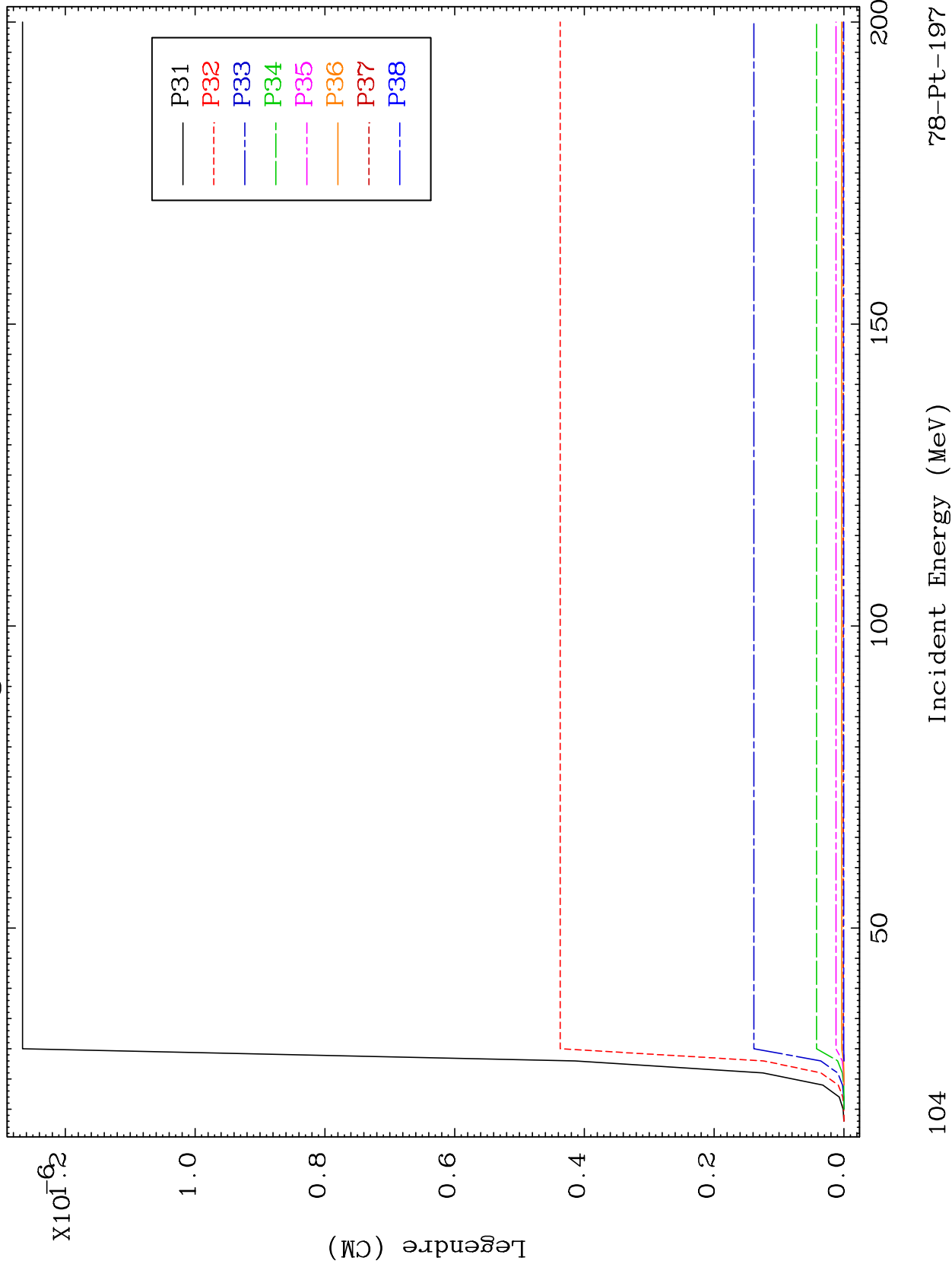
103

78-Pt-197

MAT 7846

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

78-Pt-197



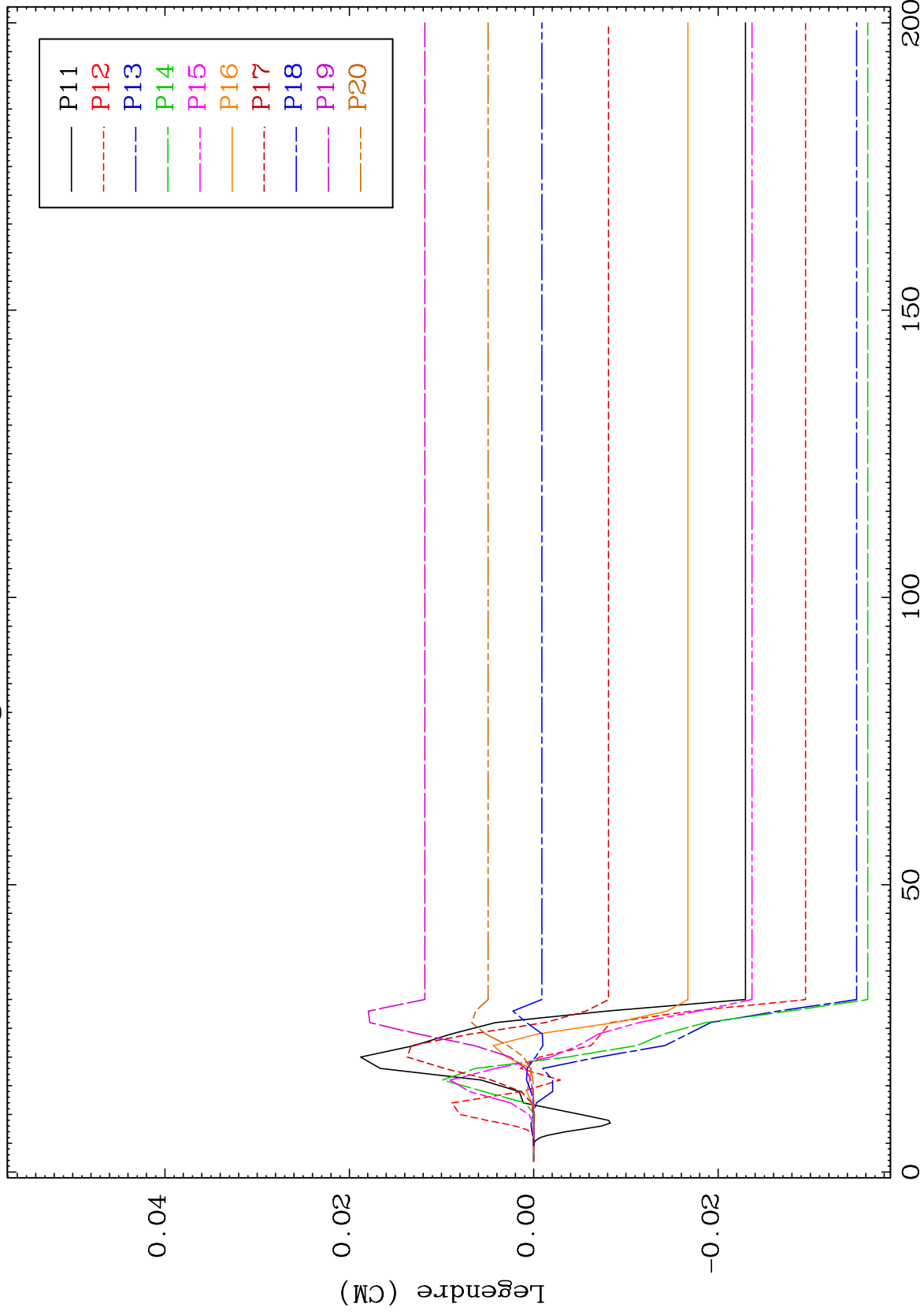
104

78-Pt-197

MAT 7846

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

78-Pt-197



106

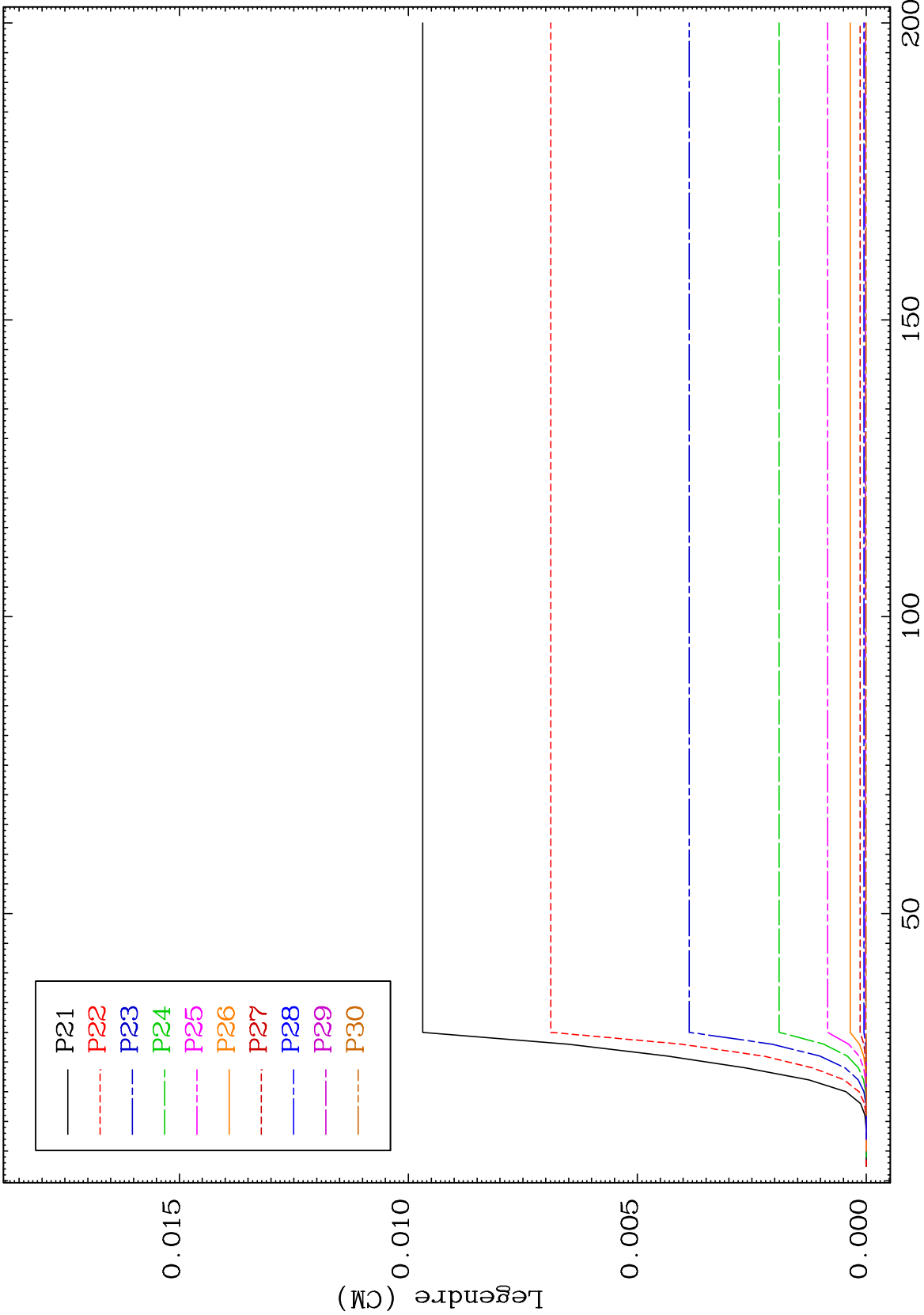
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



107

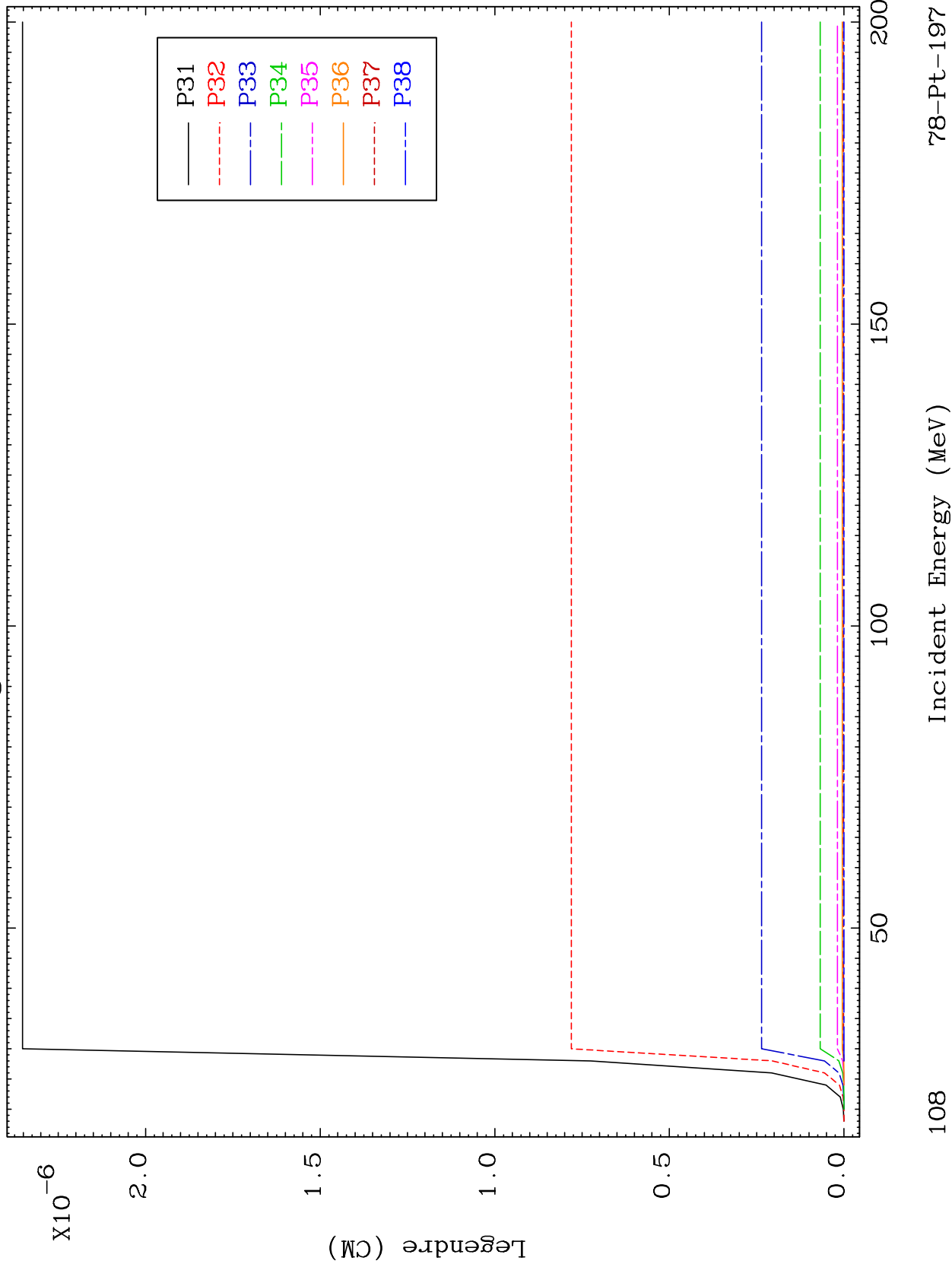
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



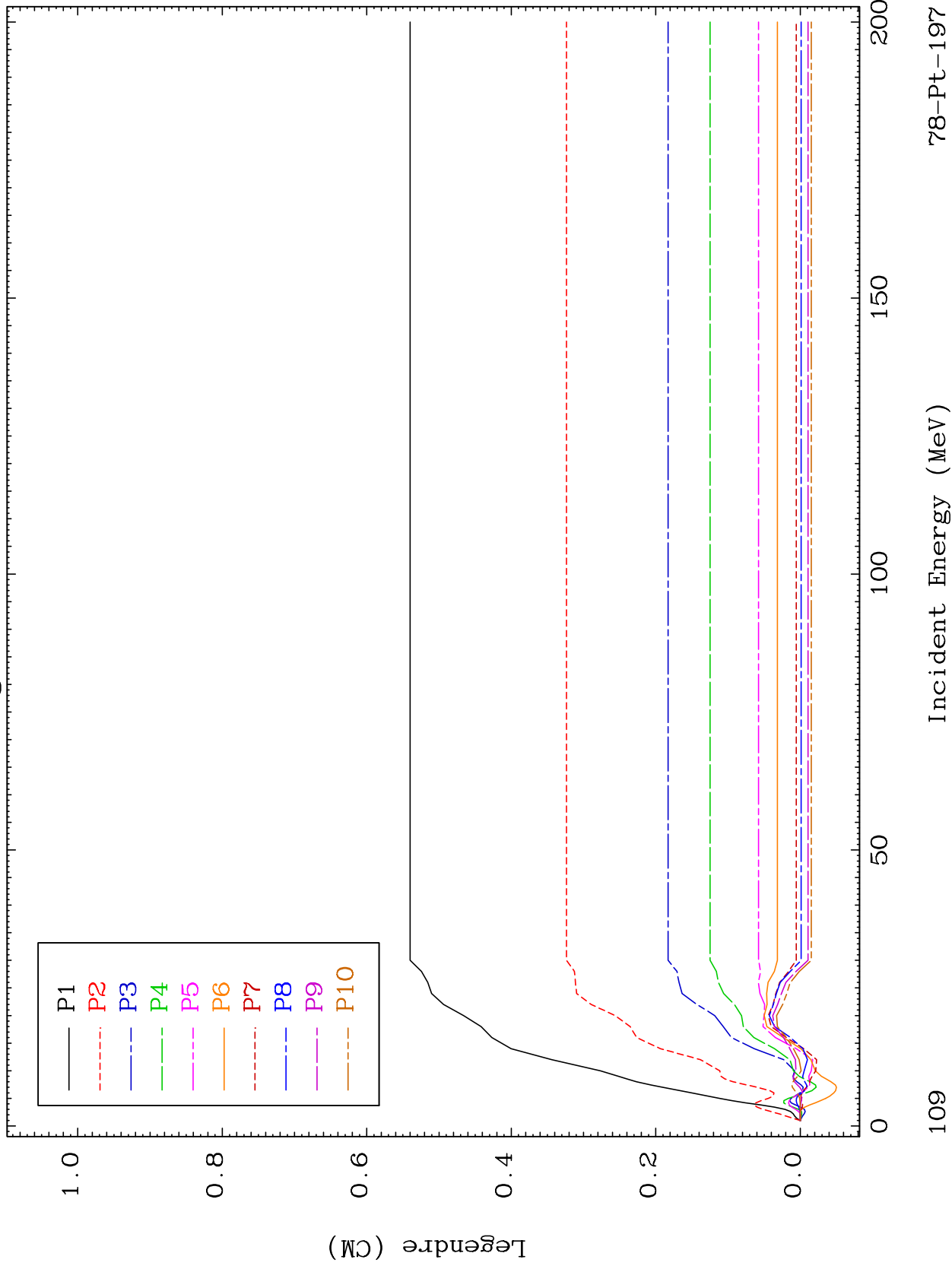
108

78-Pt-197

MAT 7846

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

78-Pt-197



109

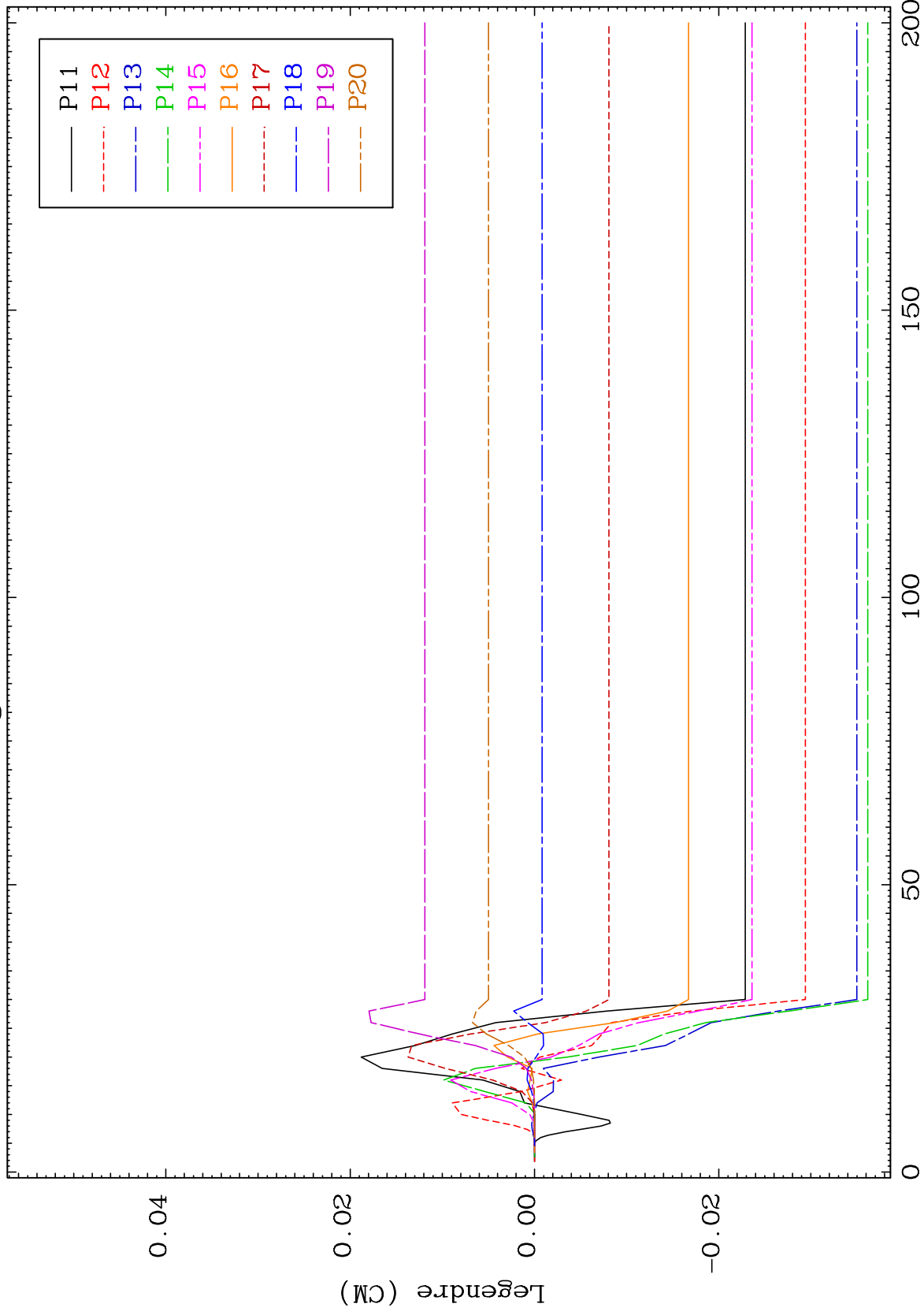
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

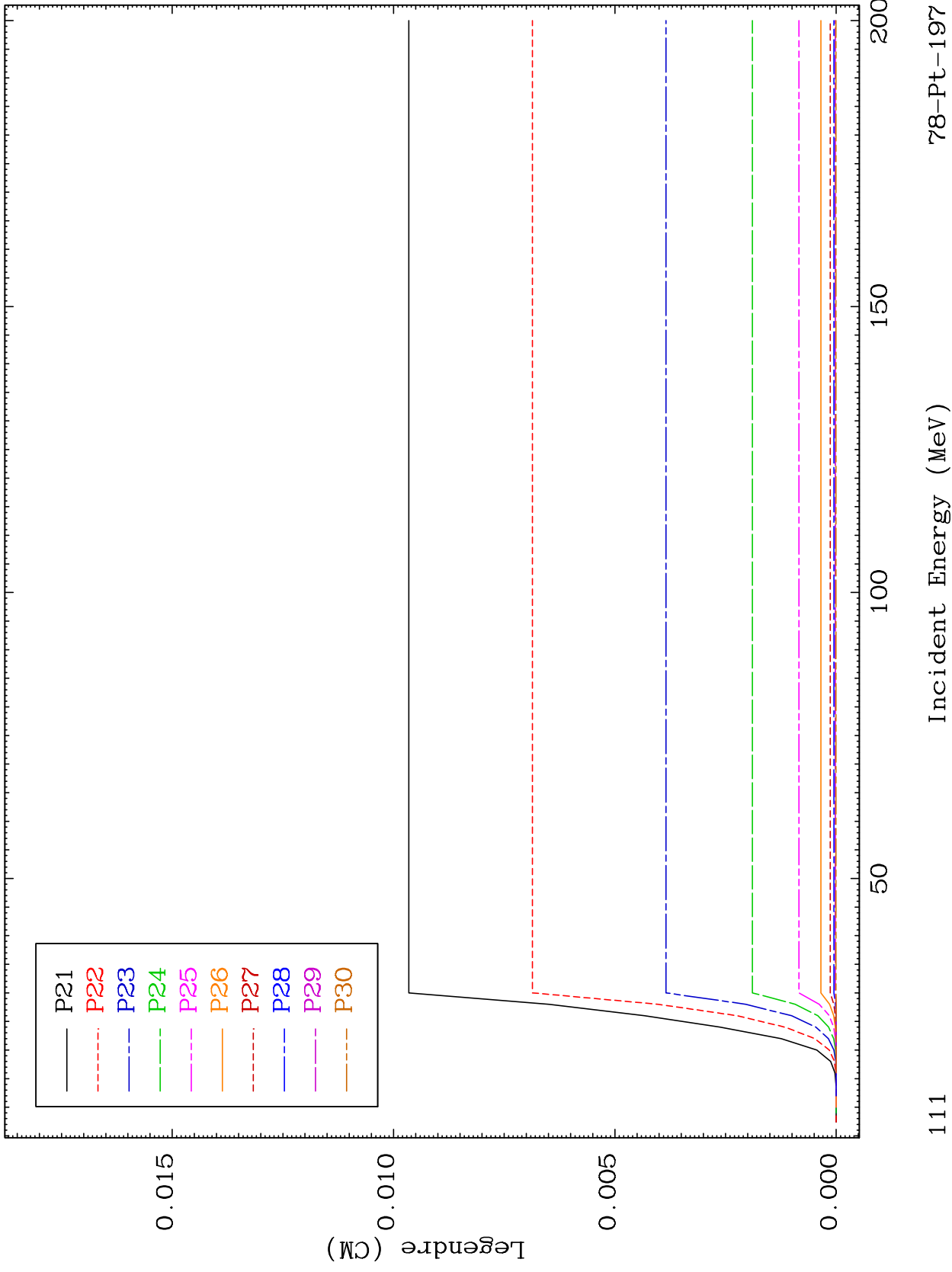
78-Pt-197



110

Incident Energy (MeV)

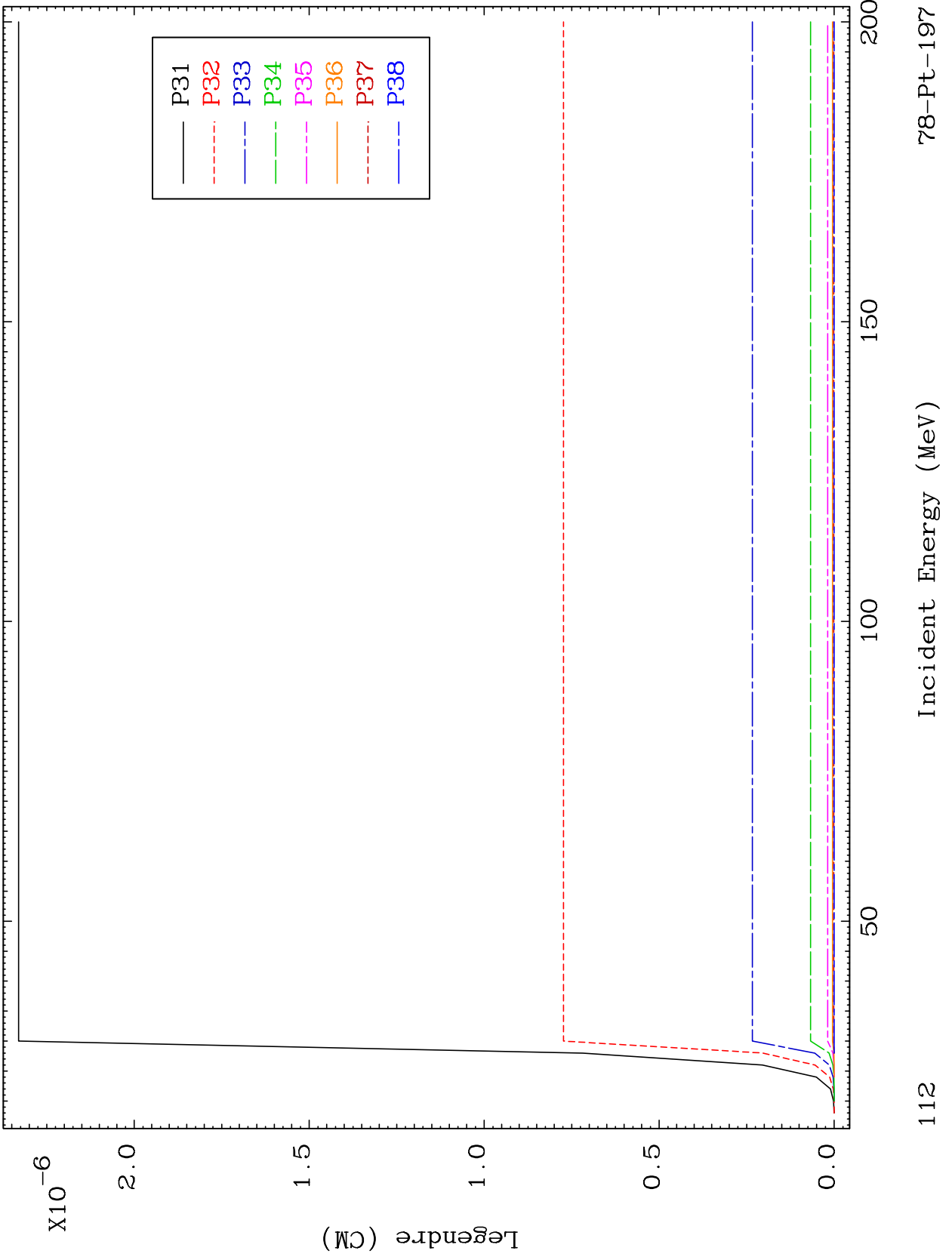
78-Pt-197



MAT 7846

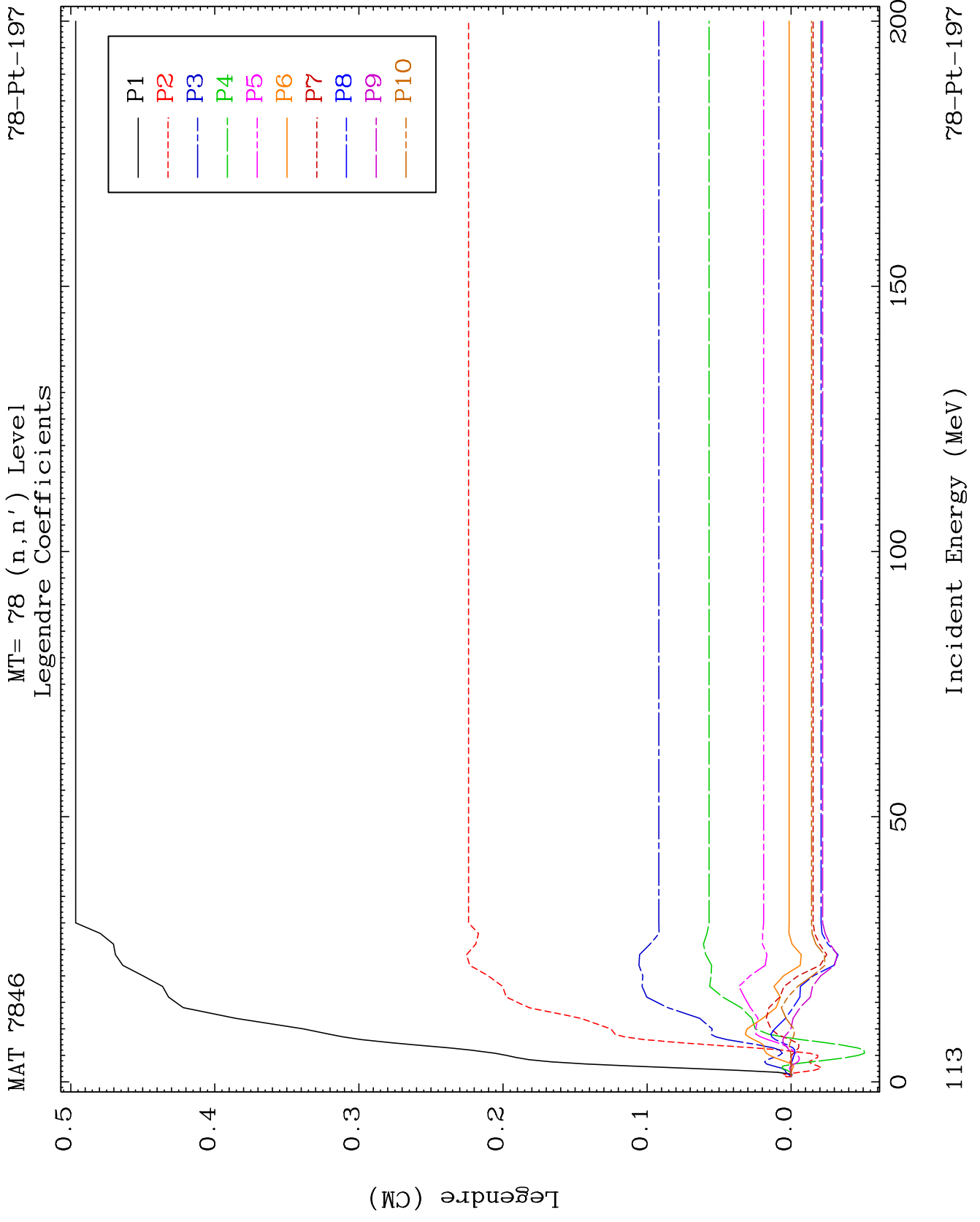
MT= 77 (n,n') Level
Legendre Coefficients

78-Pt-197



112

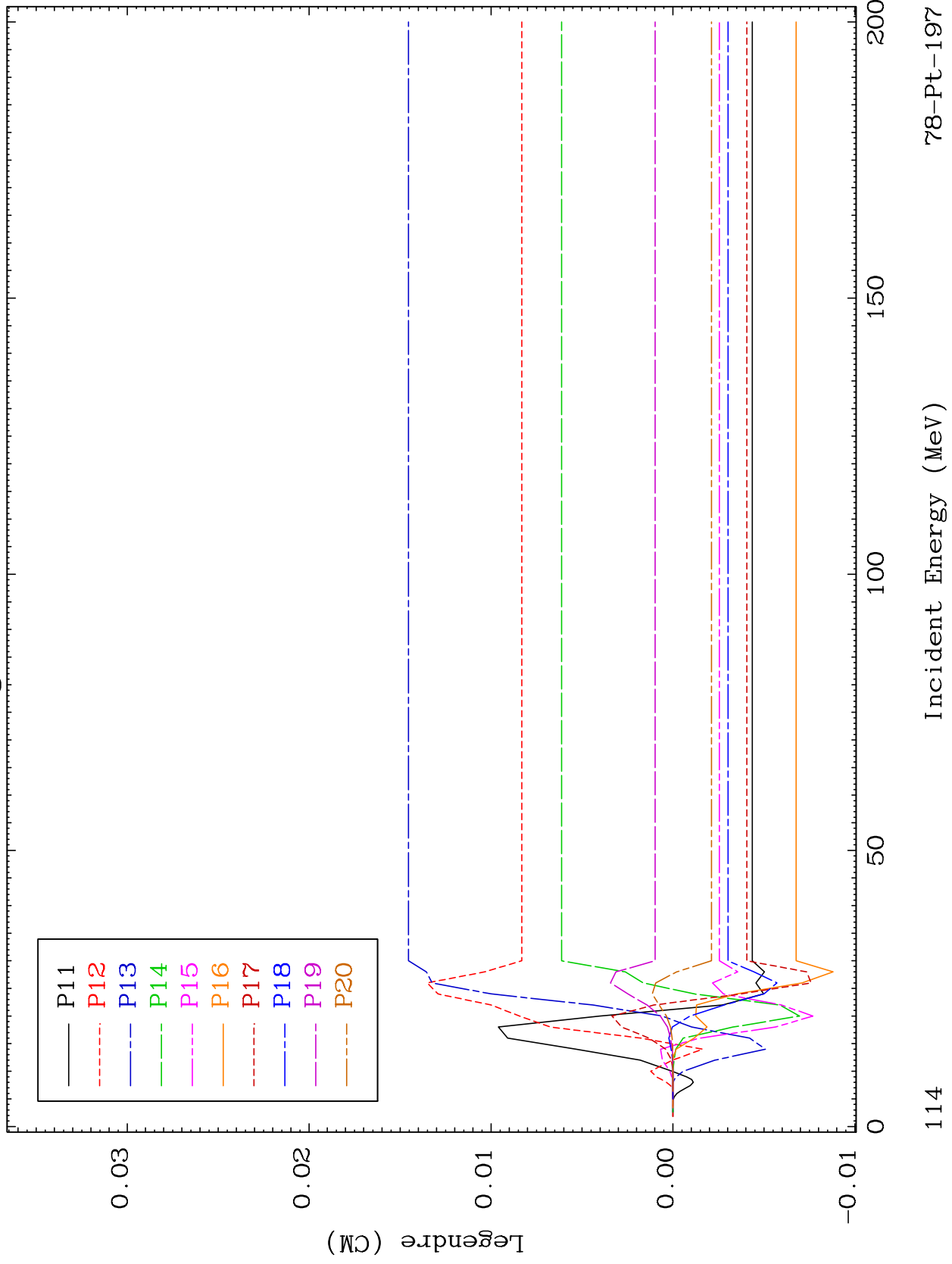
78-Pt-197



MAT 7846

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

78-Pt-197



114

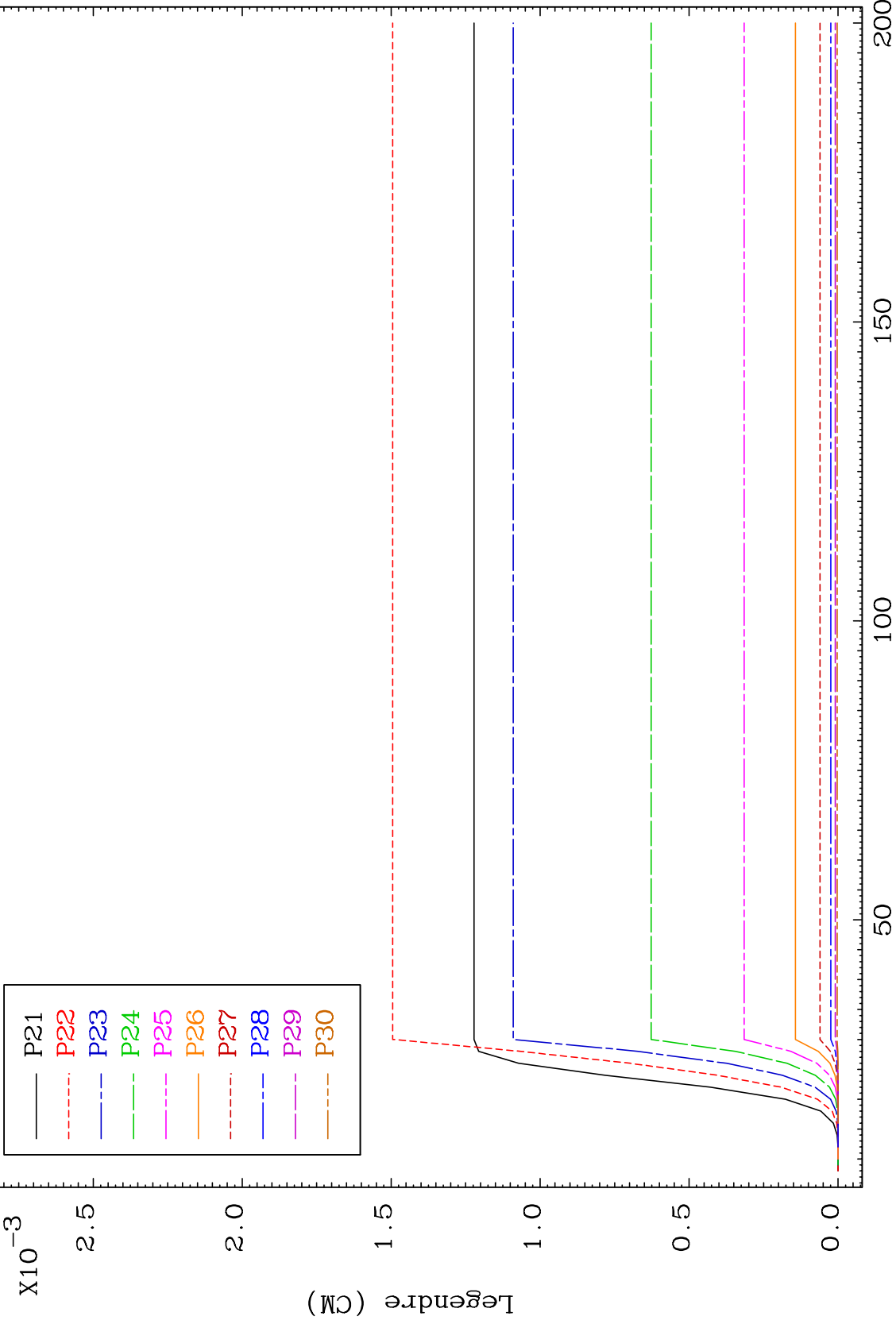
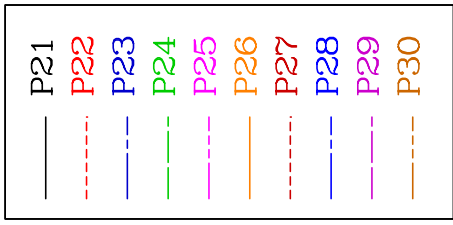
Incident Energy (MeV)

78-Pt-197

MAT 7846

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

78-Pt-197



115

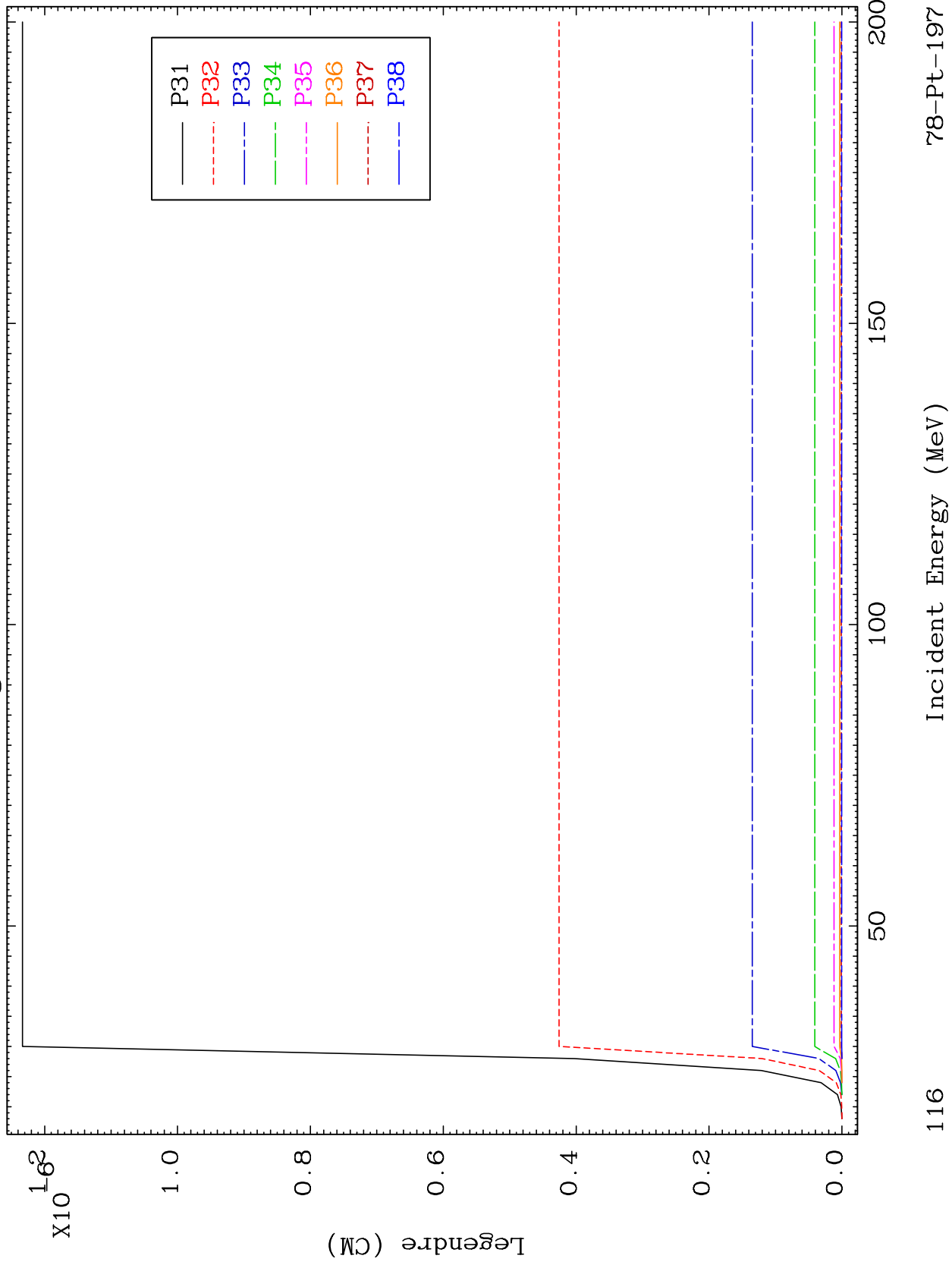
Incident Energy (MeV)

78-Pt-197

MAT 7846

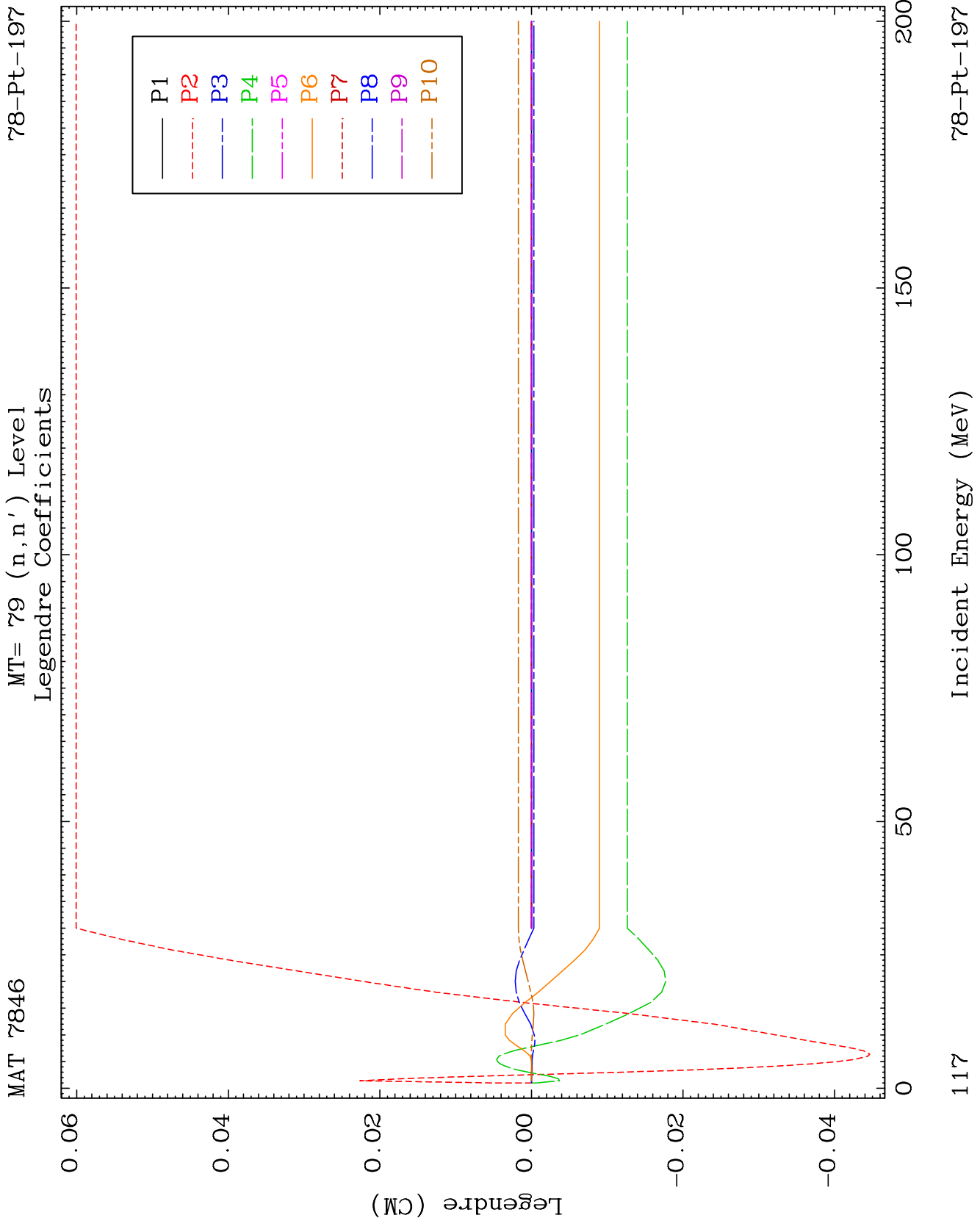
MT= 78 (n,n') Level
Legendre Coefficients

78-Pt-197



116

78-Pt-197



78-Pt-197

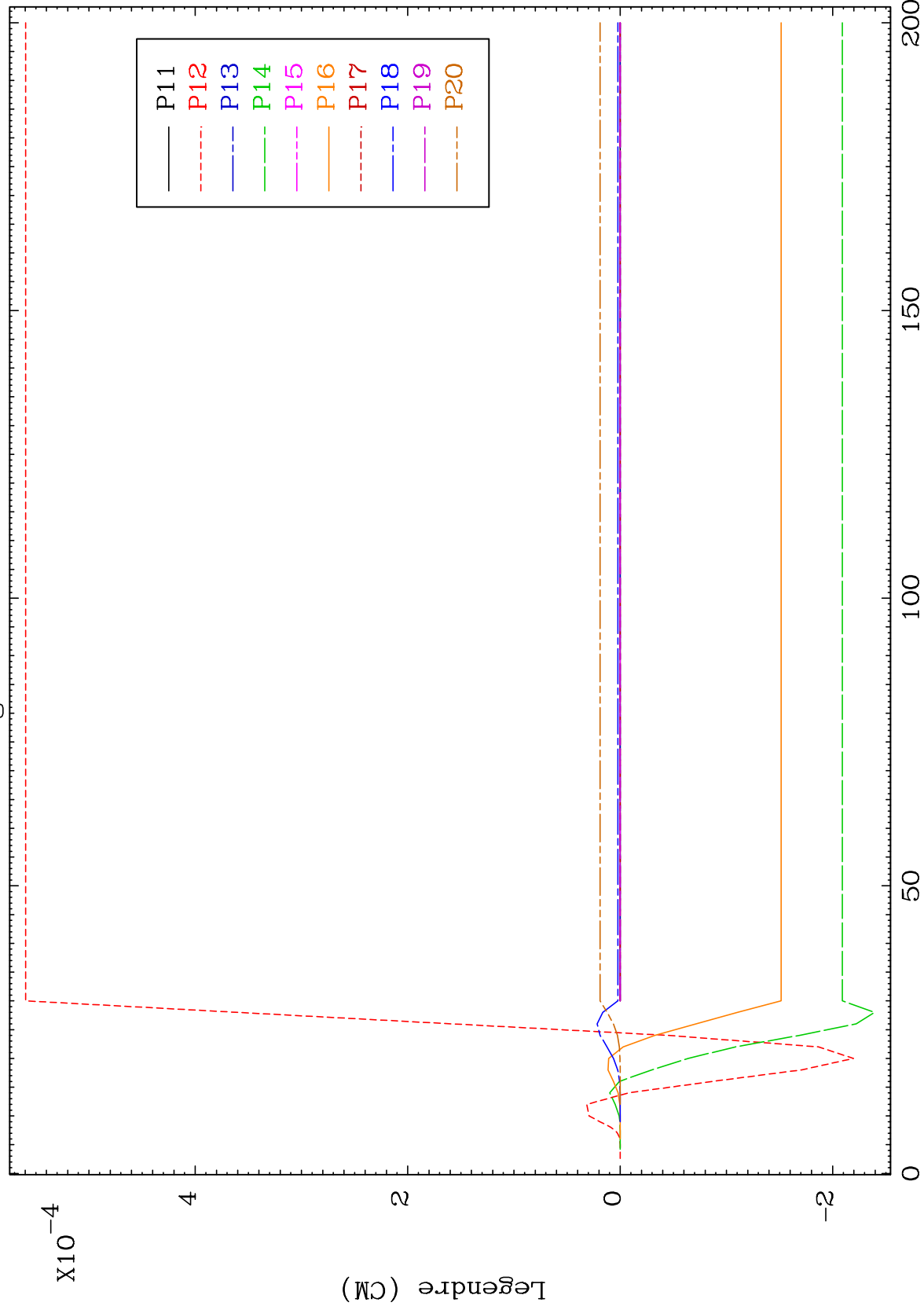
Incident Energy (MeV)

117

MAT 7846

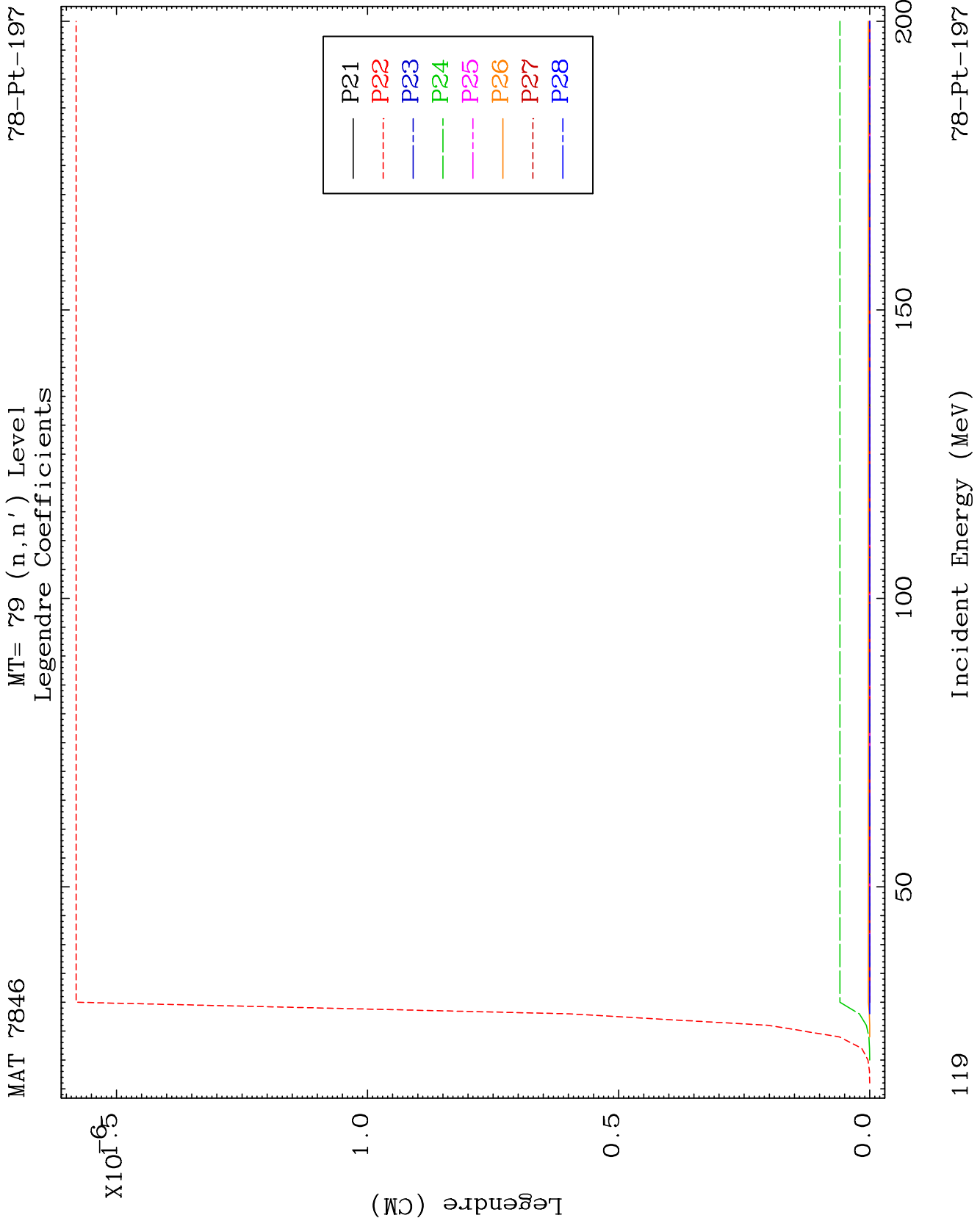
MT= 79 (n,n') Level
Legendre Coefficients

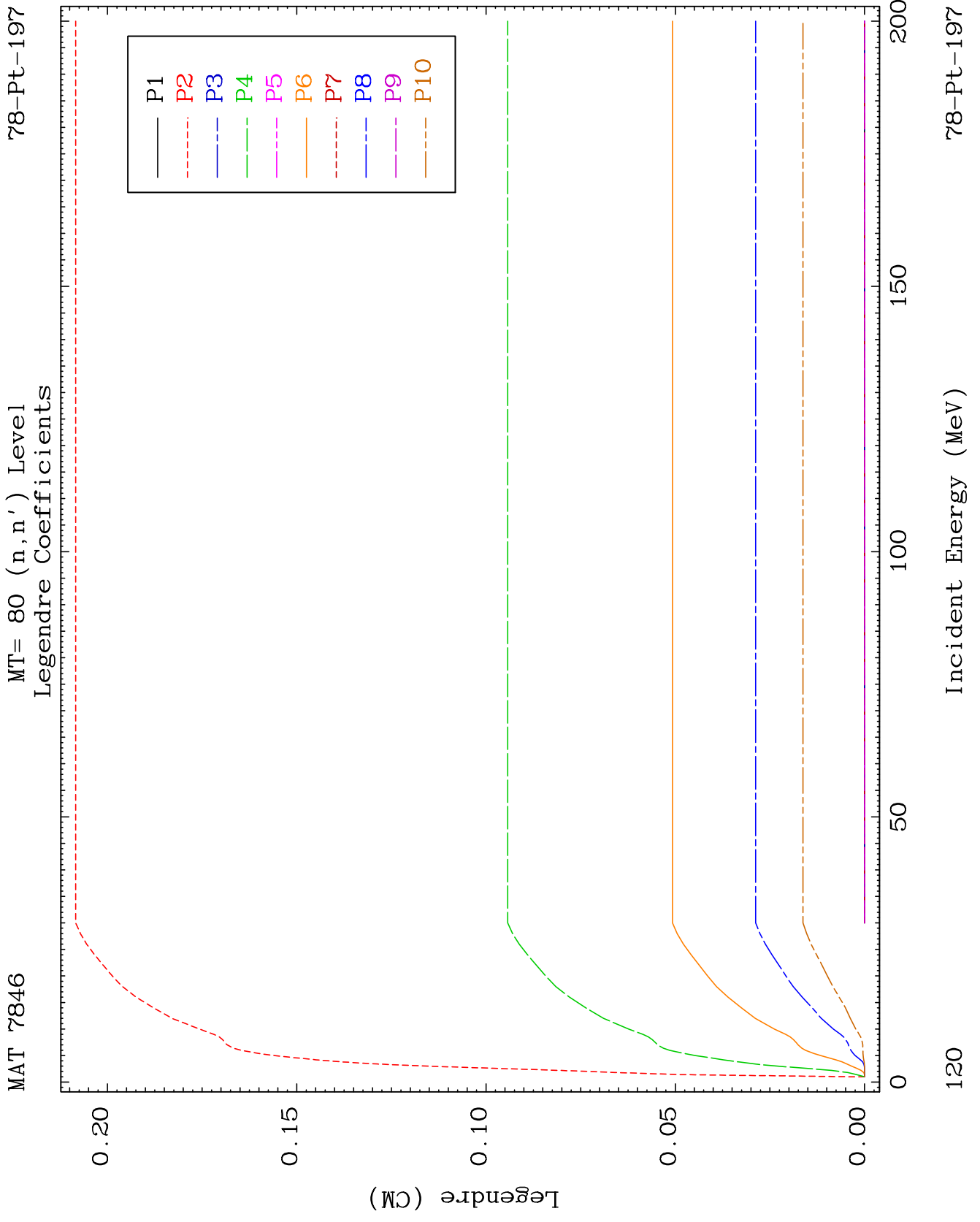
78-Pt-197

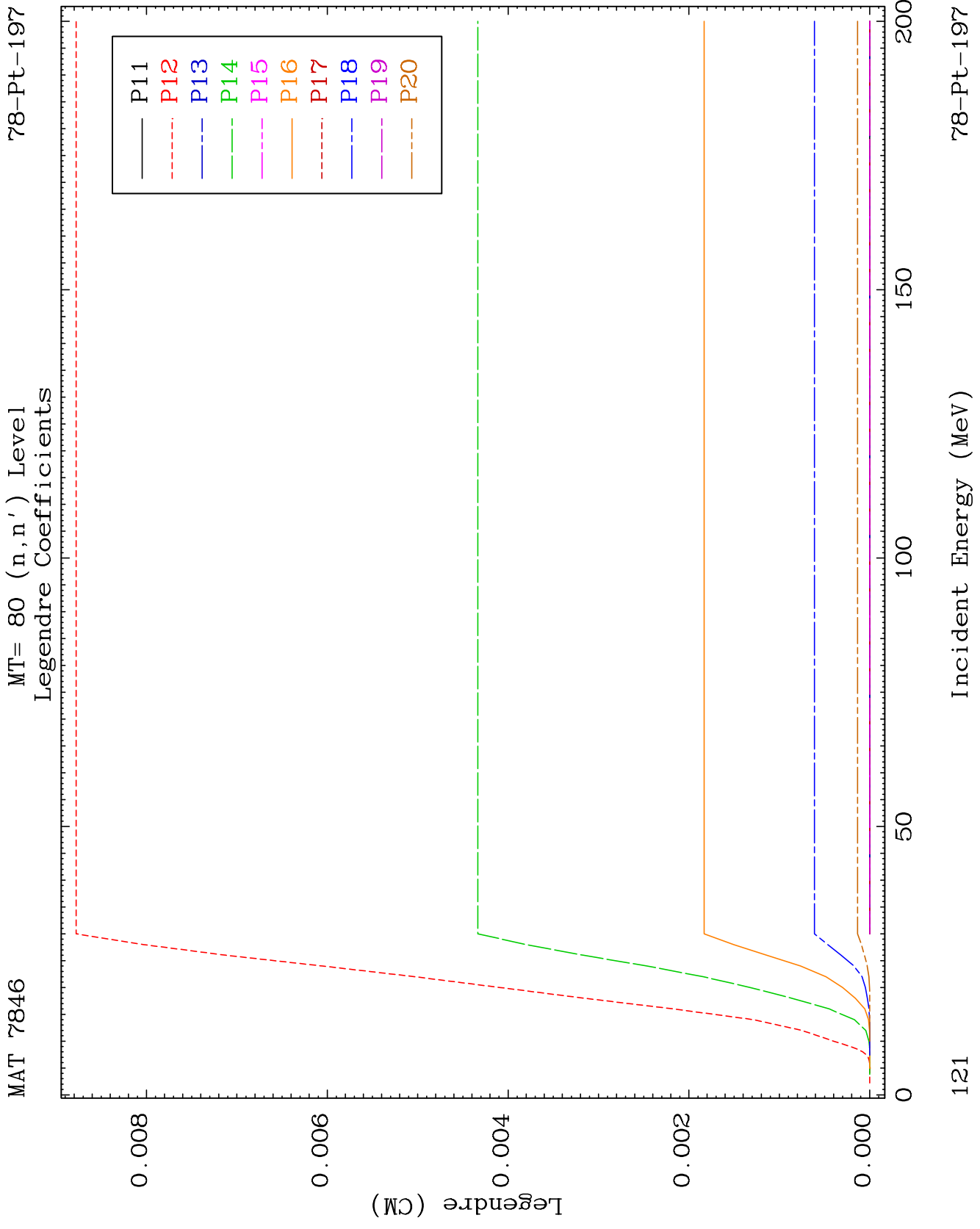


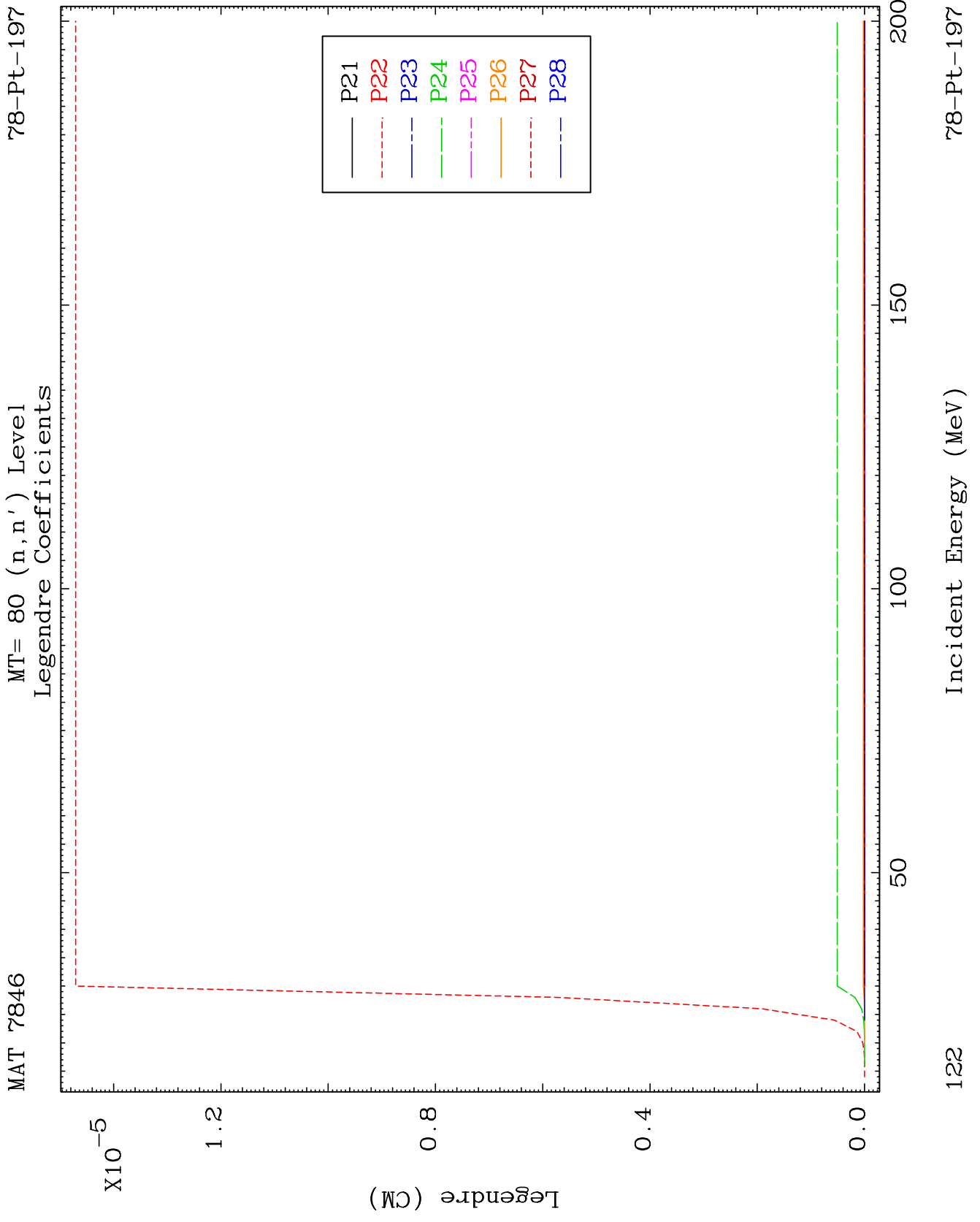
118

78-Pt-197





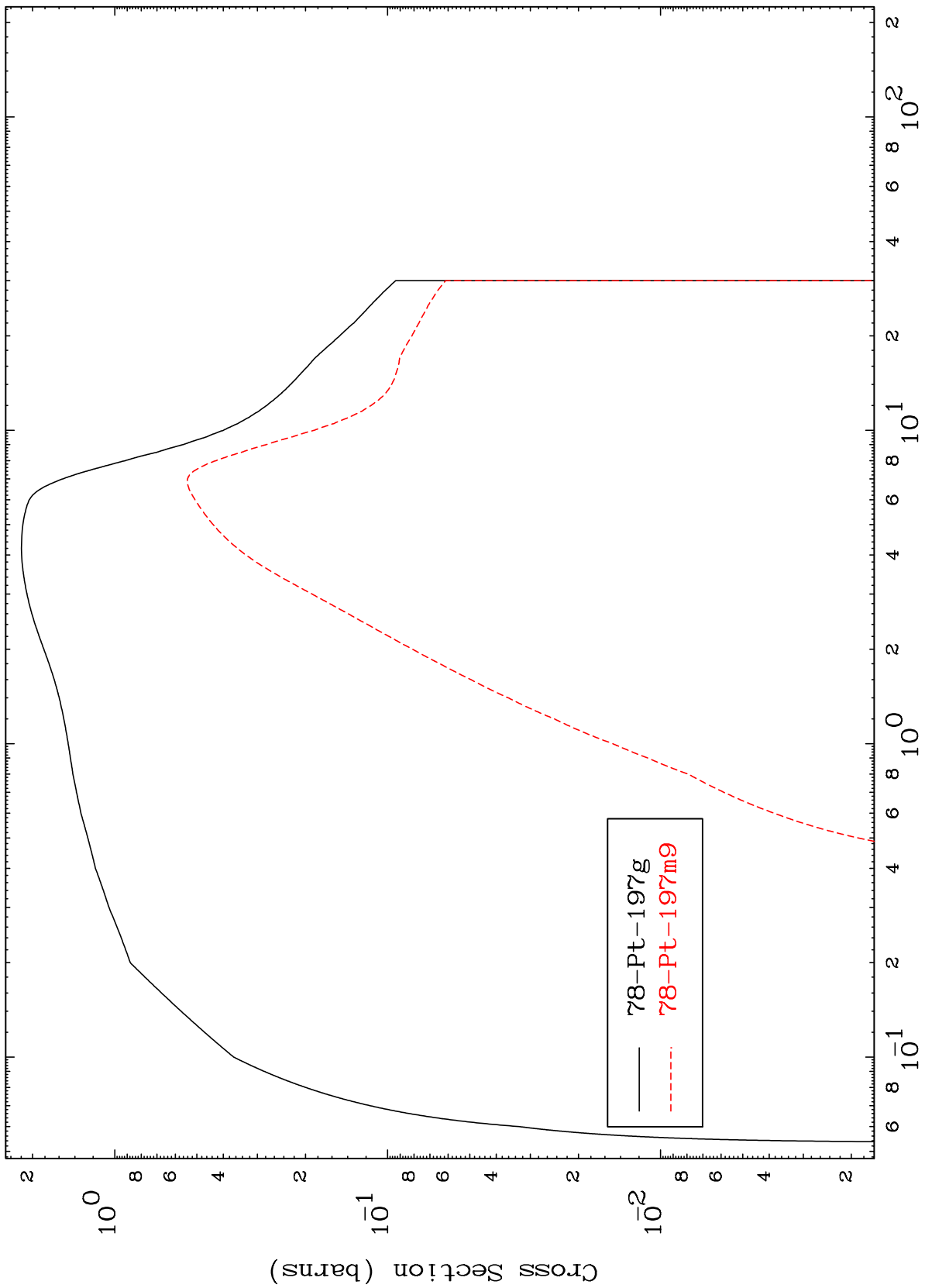




MAT 7846

78-Pt-197

Inelastic
Radionuclide Production Cross Section



— 78-Pt-197g
- - - 78-Pt-197m9

78-Pt-197

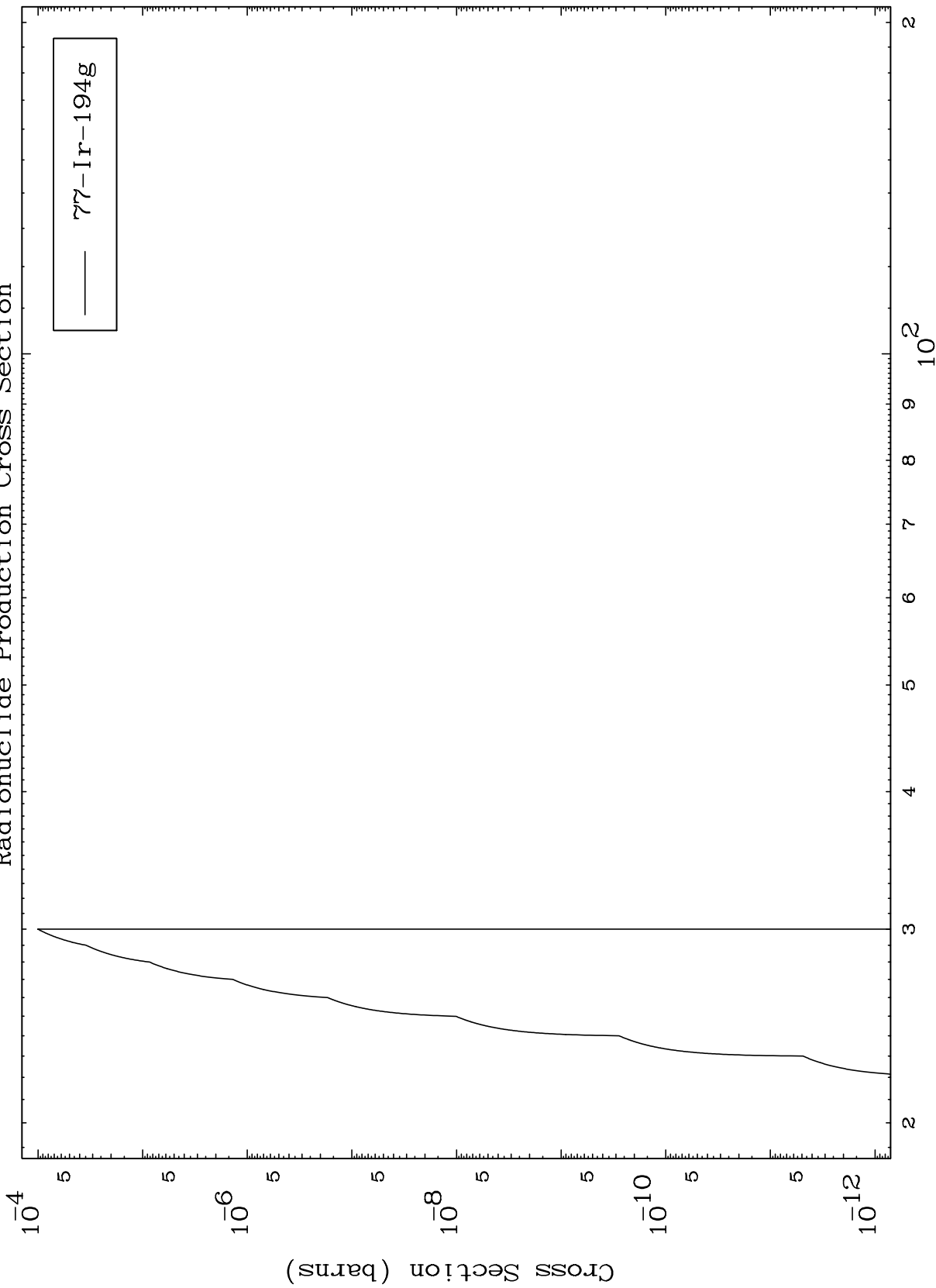
Incident Energy (MeV)

MAT 7846

(n,2n) d

78-Pt-197

Radionuclide Production Cross Section



124

Incident Energy (MeV)

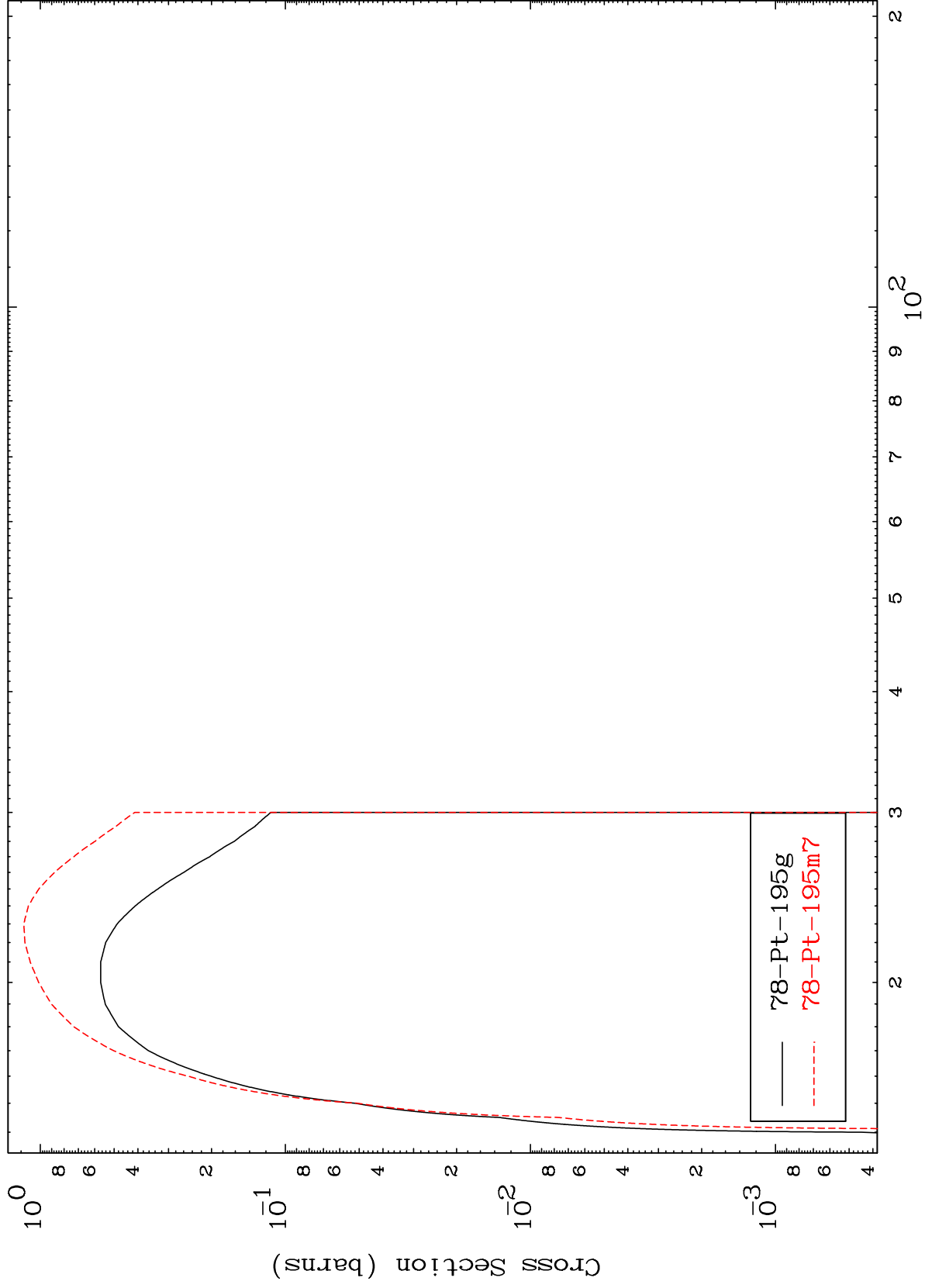
78-Pt-197

MAT 7846

(n,3n)

78-Pt-197

Radionuclide Production Cross Section



125

Incident Energy (MeV)

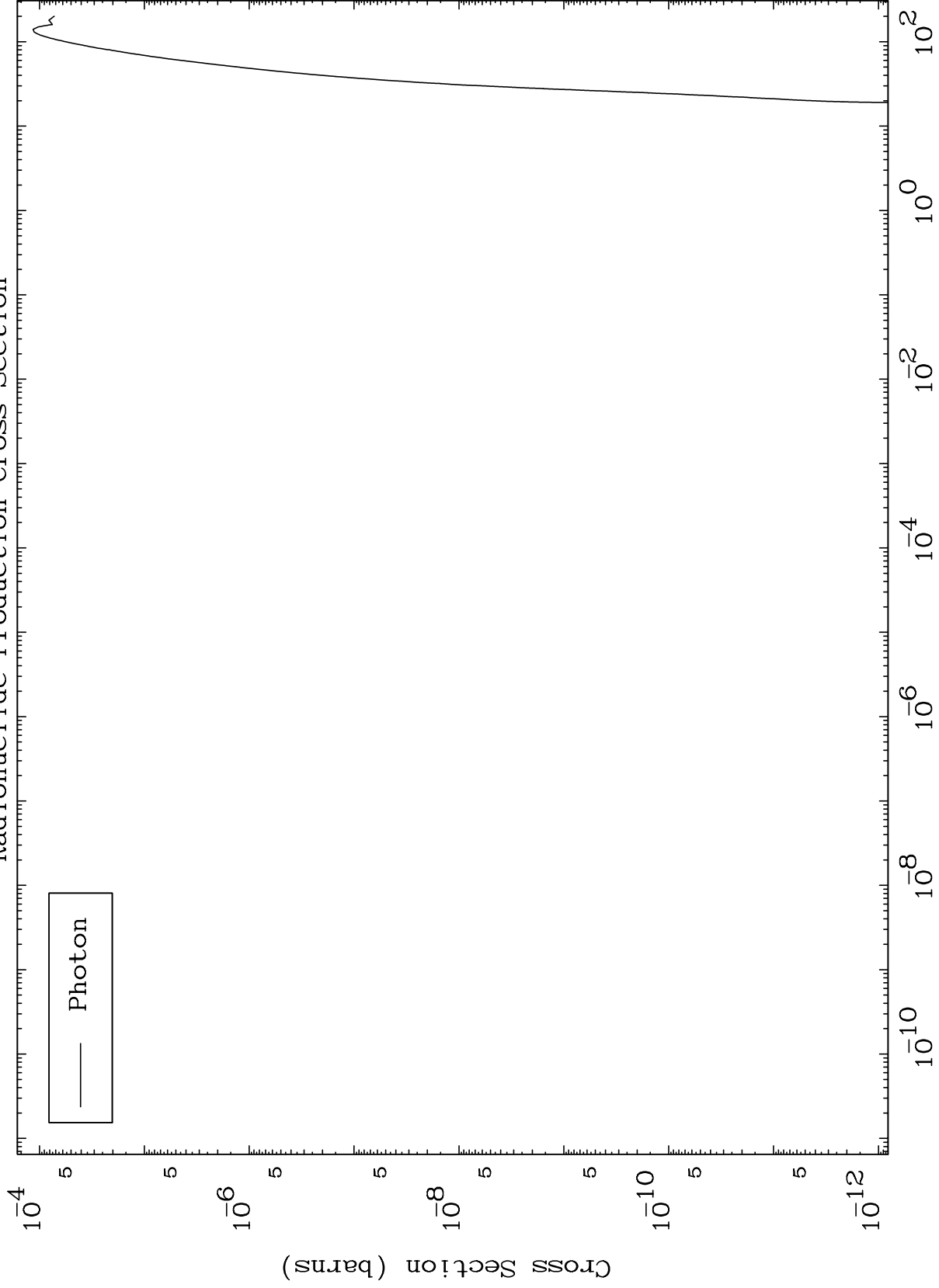
78-Pt-197

MAT 7846

Fission

78-Pt-197

Radionuclide Production Cross Section



126

Incident Energy (MeV)

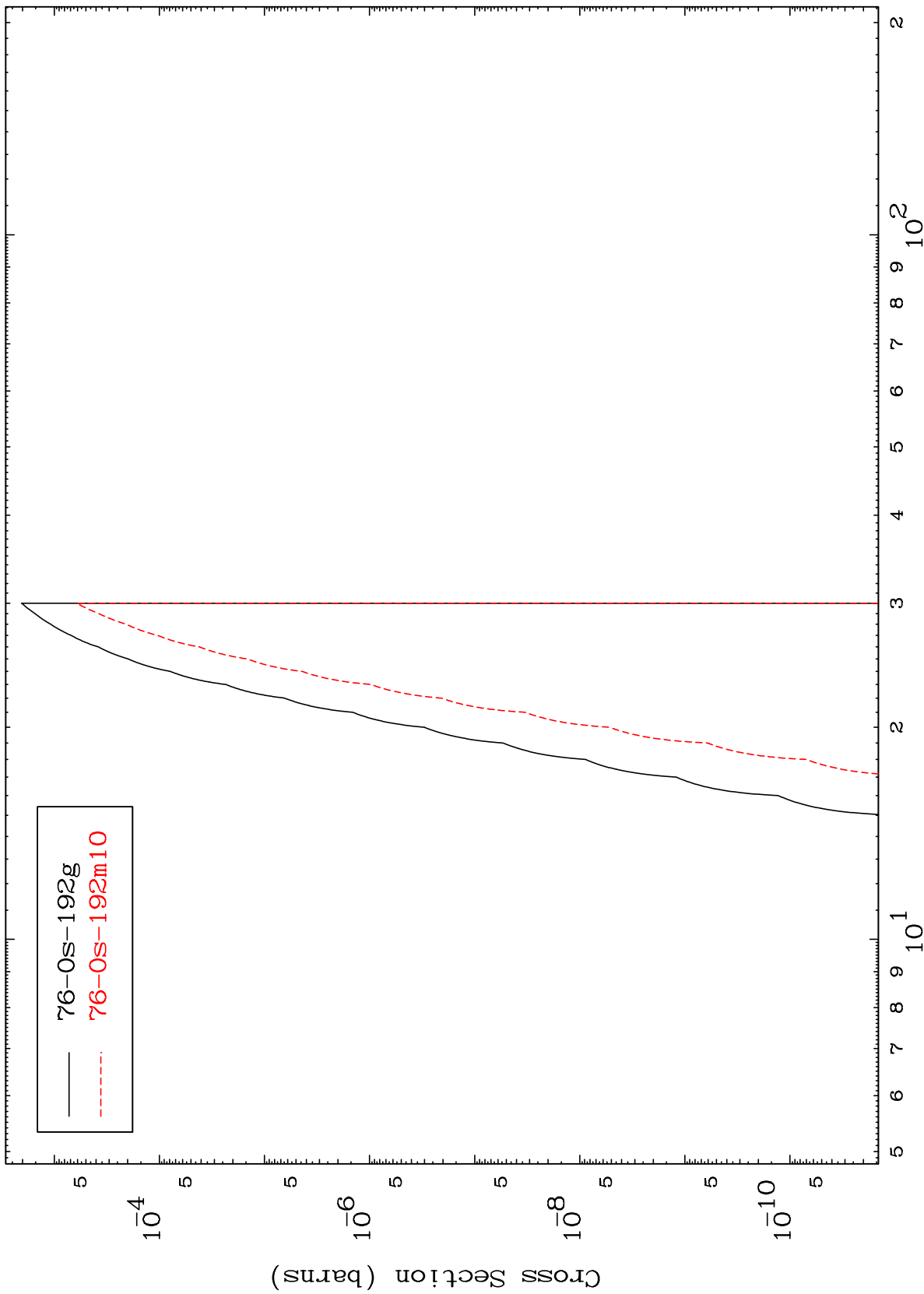
78-Pt-197

MAT 7846

$(n, 2n)$ α

78-Pt-197

Radionuclide Production Cross Section



127

Incident Energy (MeV)

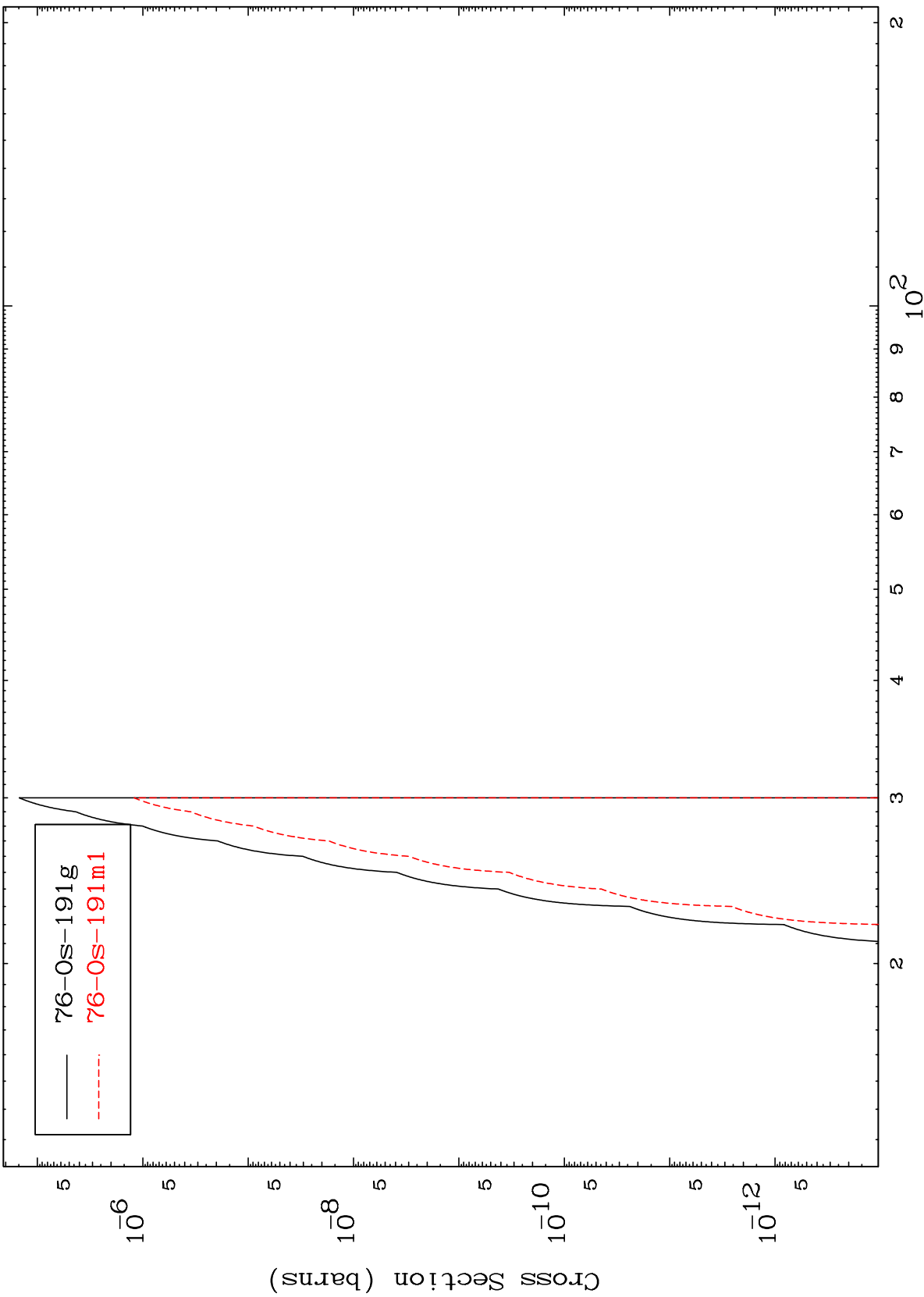
78-Pt-197

MAT 7846

(n,3n) α

78-Pt-197

Radionuclide Production Cross Section



128

Incident Energy (MeV)

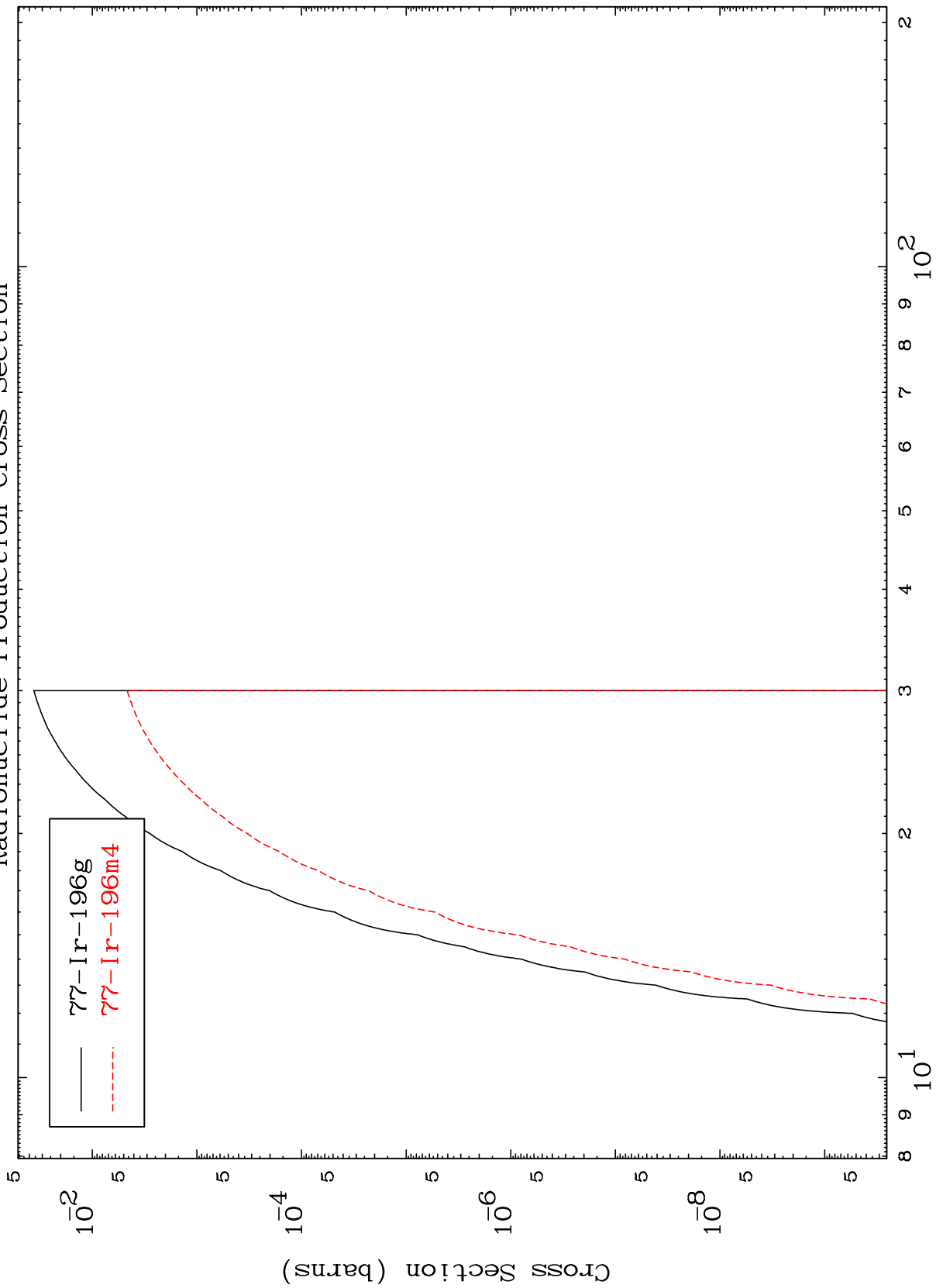
78-Pt-197

MAT 7846

(n,n') p

78-Pt-197

Radionuclide Production Cross Section



129

Incident Energy (MeV)

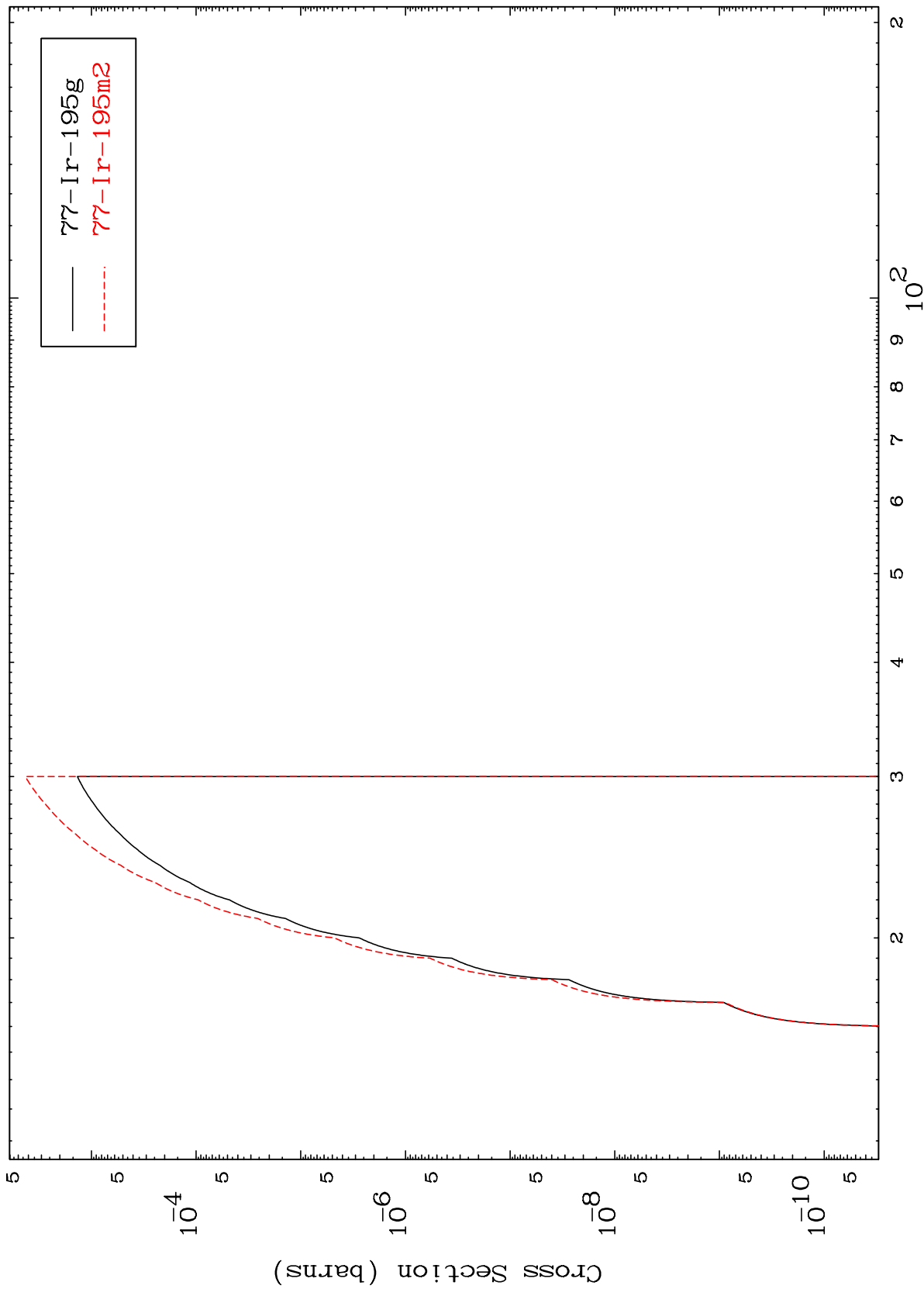
78-Pt-197

MAT 7846

(n,n') d

78-Pt-197

Radionuclide Production Cross Section



130

Incident Energy (MeV)

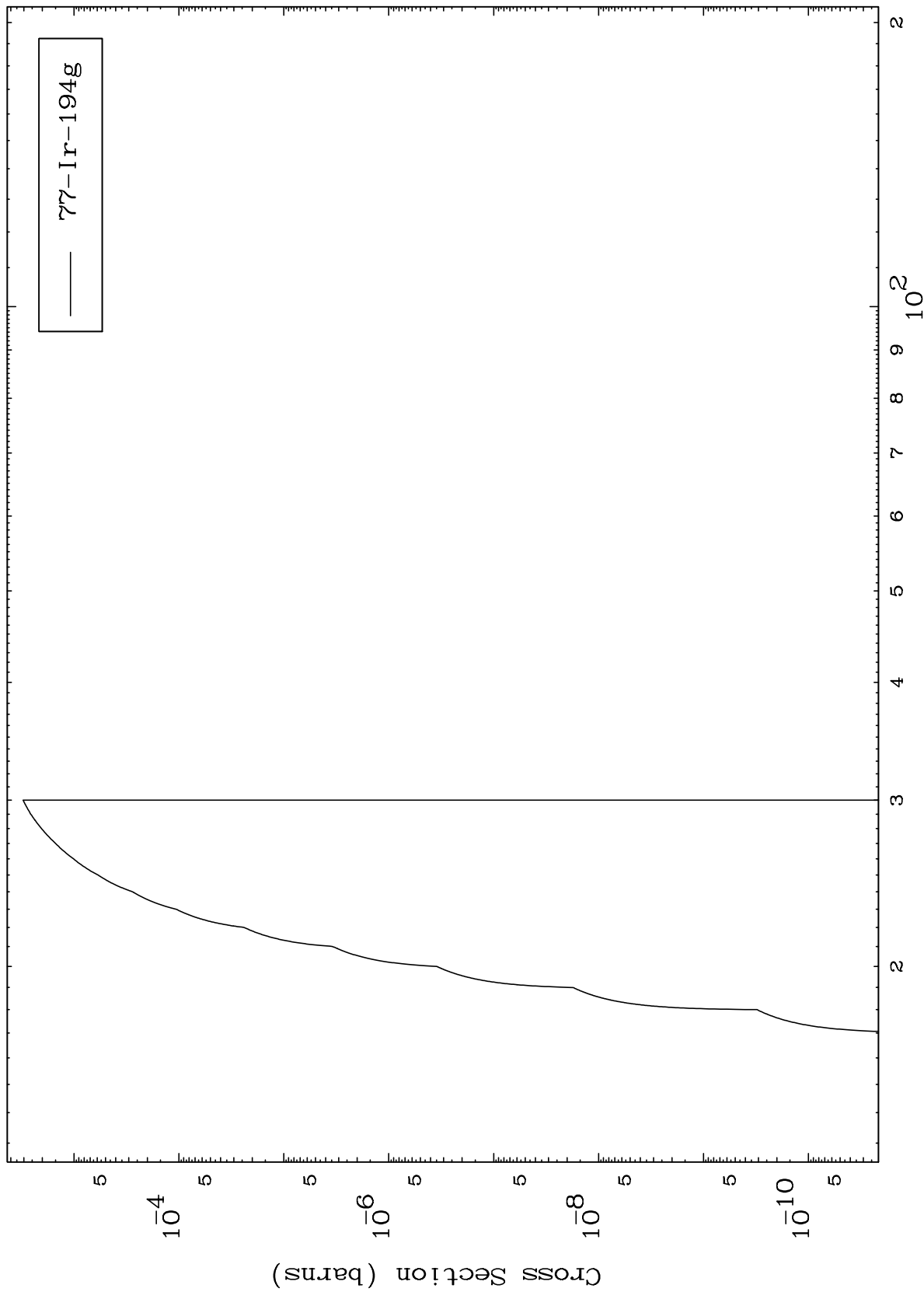
78-Pt-197

MAT 7846

(n,n') t

78-Pt-197

Radionuclide Production Cross Section



131

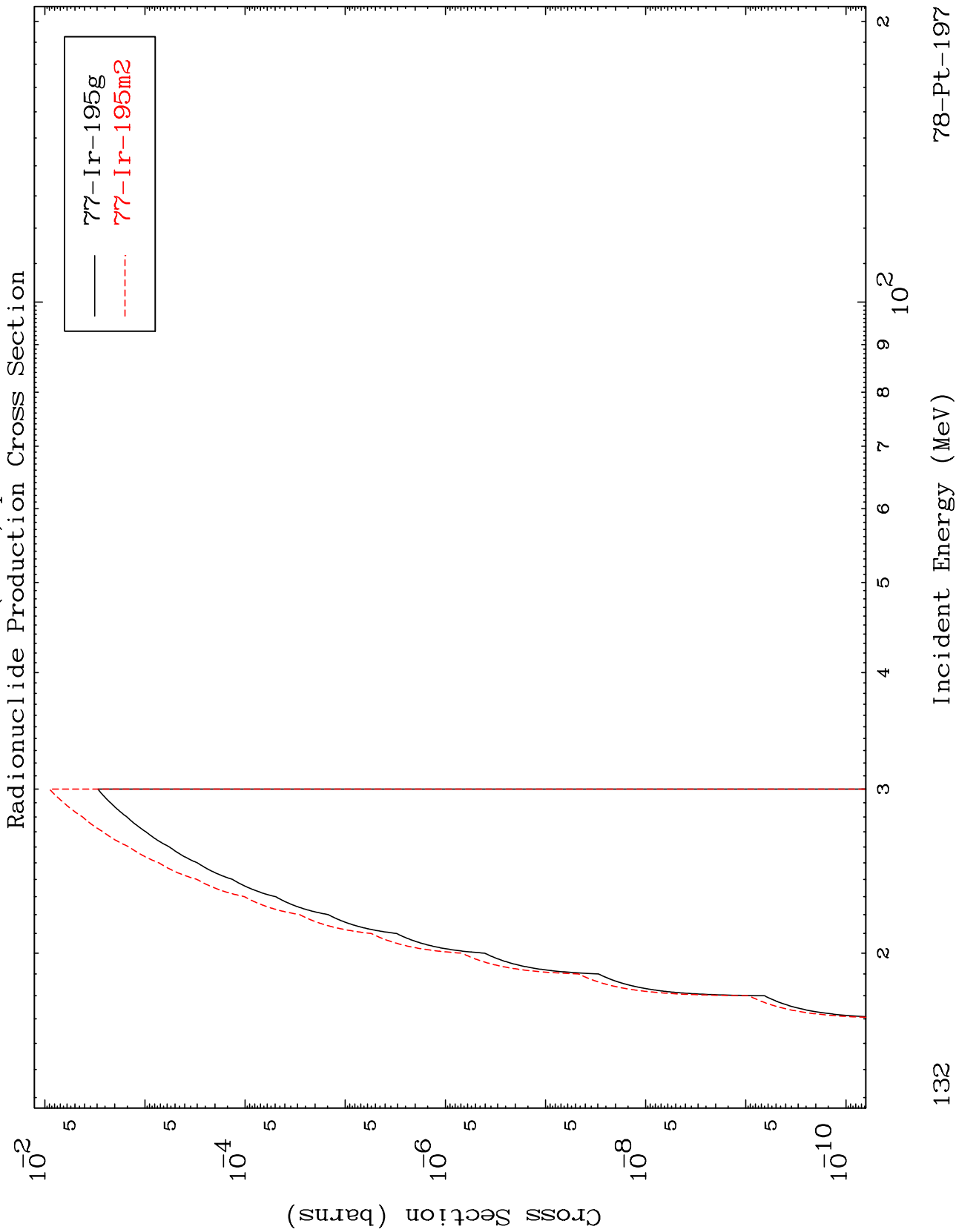
Incident Energy (MeV)

78-Pt-197

MAT 7846

(n,2n) p

78-Pt-197

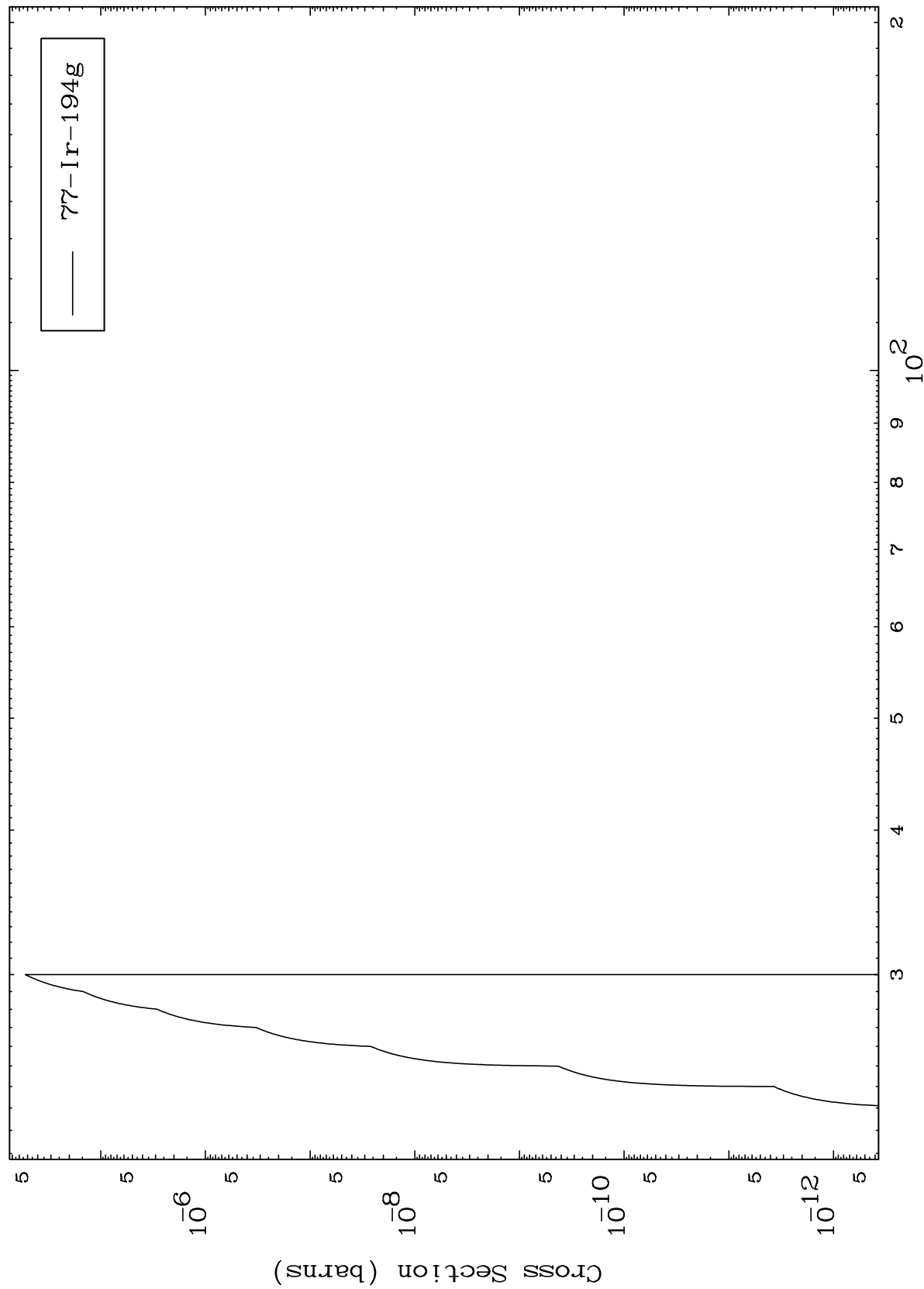


132

Incident Energy (MeV)

78-Pt-197

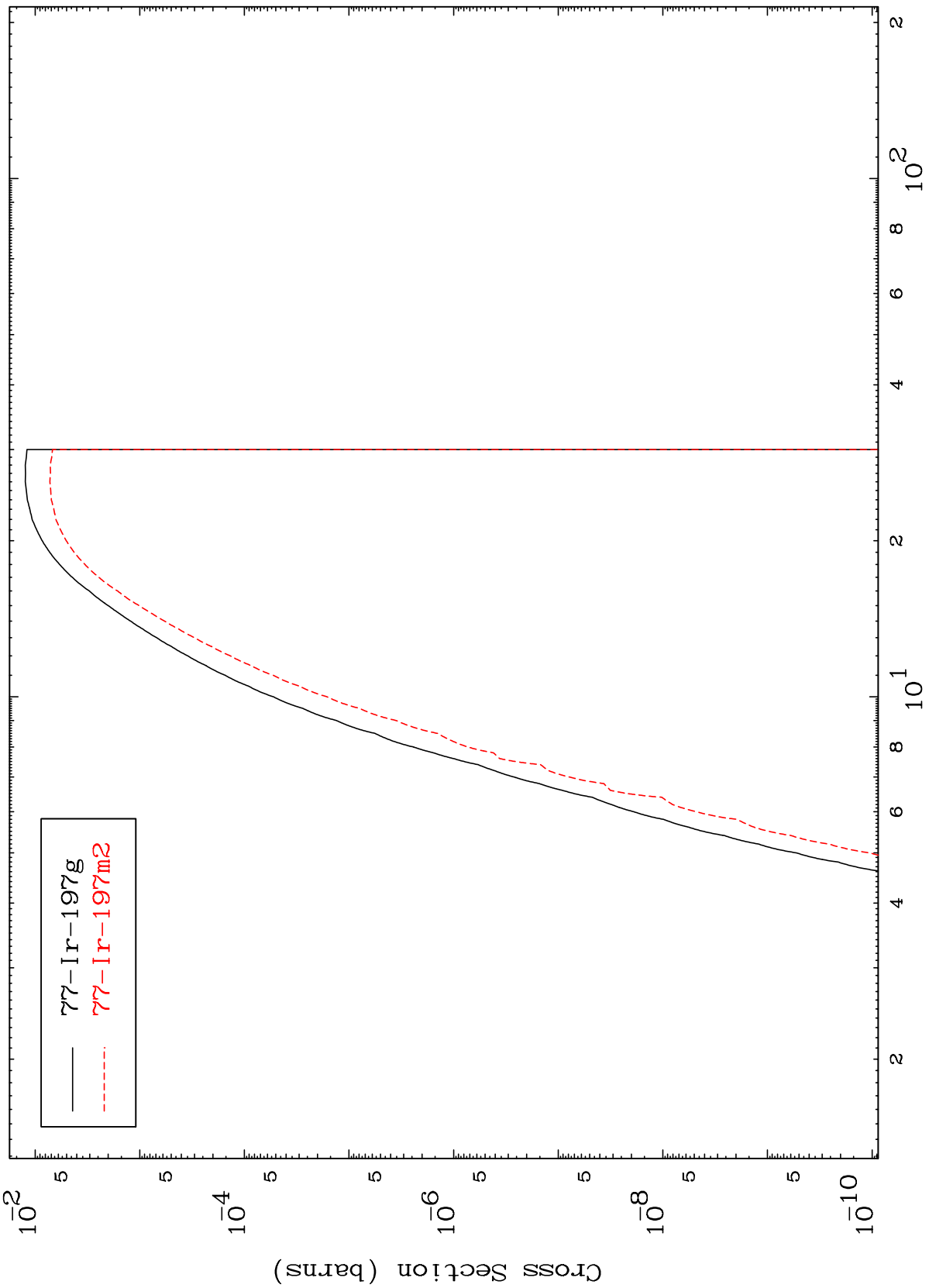
Radionuclide Production Cross Section



MAT 7846

78-Pt-197

(n,p)
Radionuclide Production Cross Section



— $^{77}\text{Ir-197g}$
- - - $^{77}\text{Ir-197m2}$

134

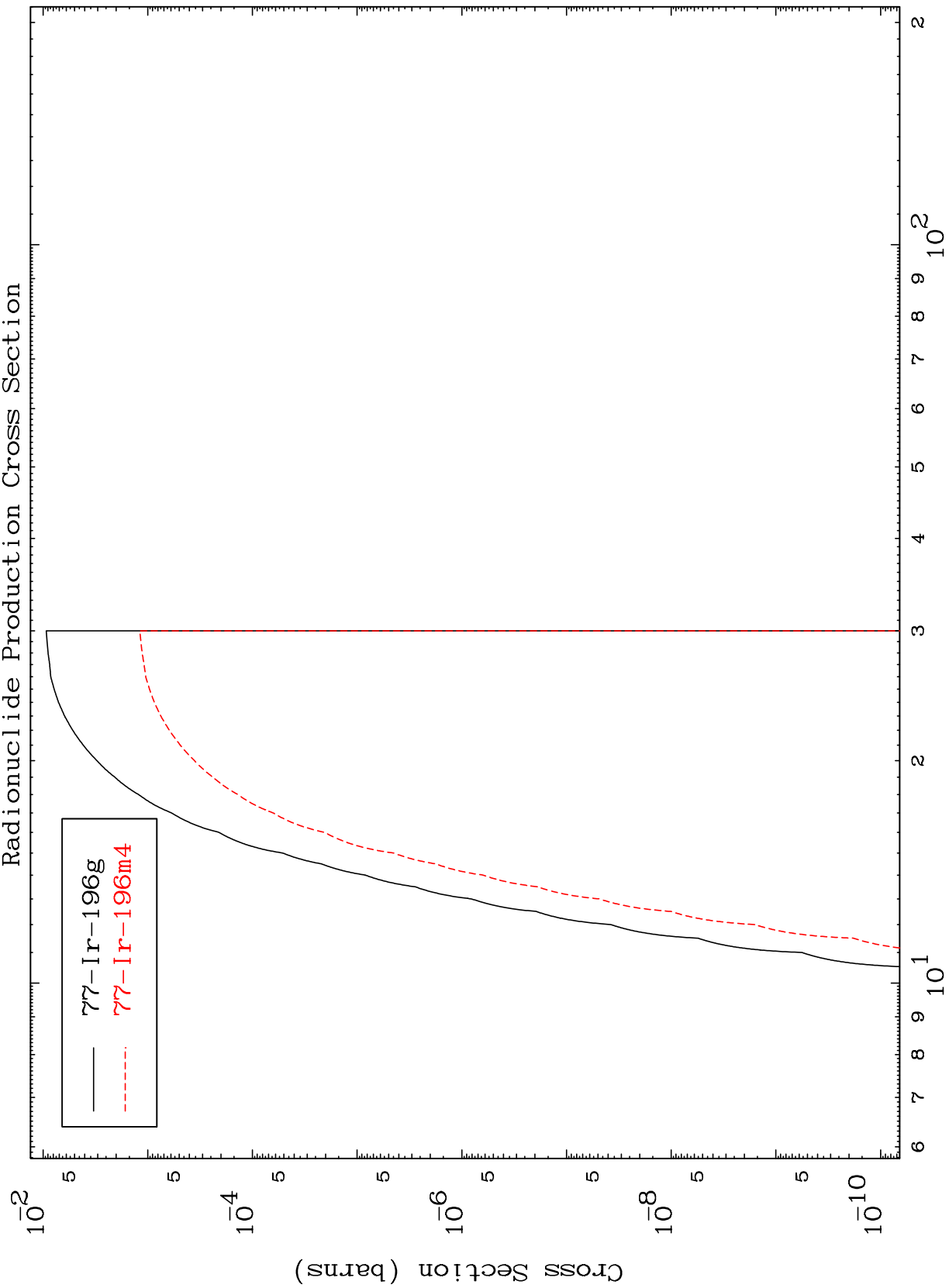
Incident Energy (MeV)

78-Pt-197

MAT 7846

78-Pt-197

(n,d)
Radionuclide Production Cross Section



135

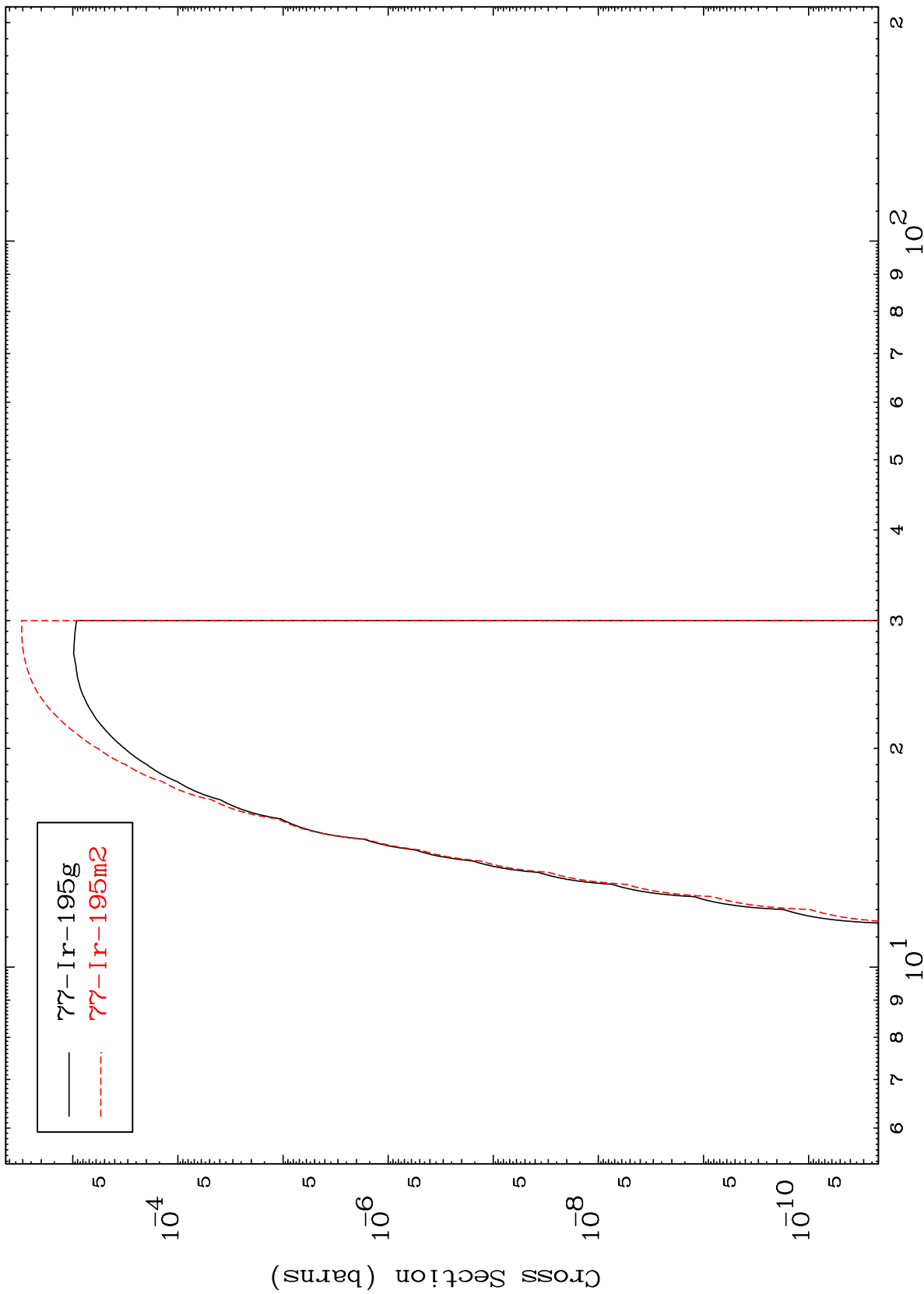
Incident Energy (MeV)

78-Pt-197

MAT 7846

78-Pt-197

Radionuclide Production Cross Section (n,t)



136

Incident Energy (MeV)

78-Pt-197