

Program EVALPLOT
(Version 2021-1)

by

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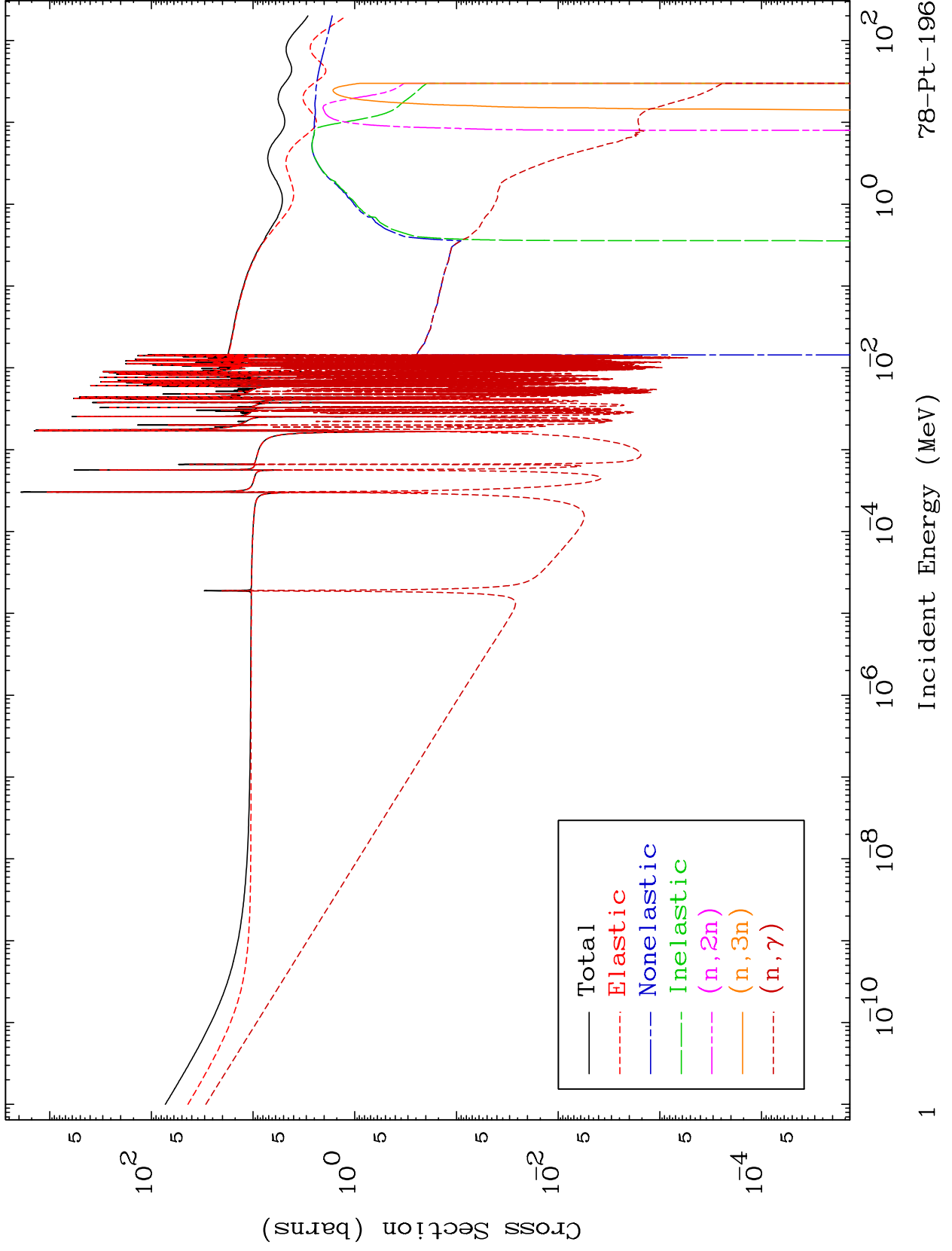
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7843

Neutron Major
293 Kelvin Cross Sections

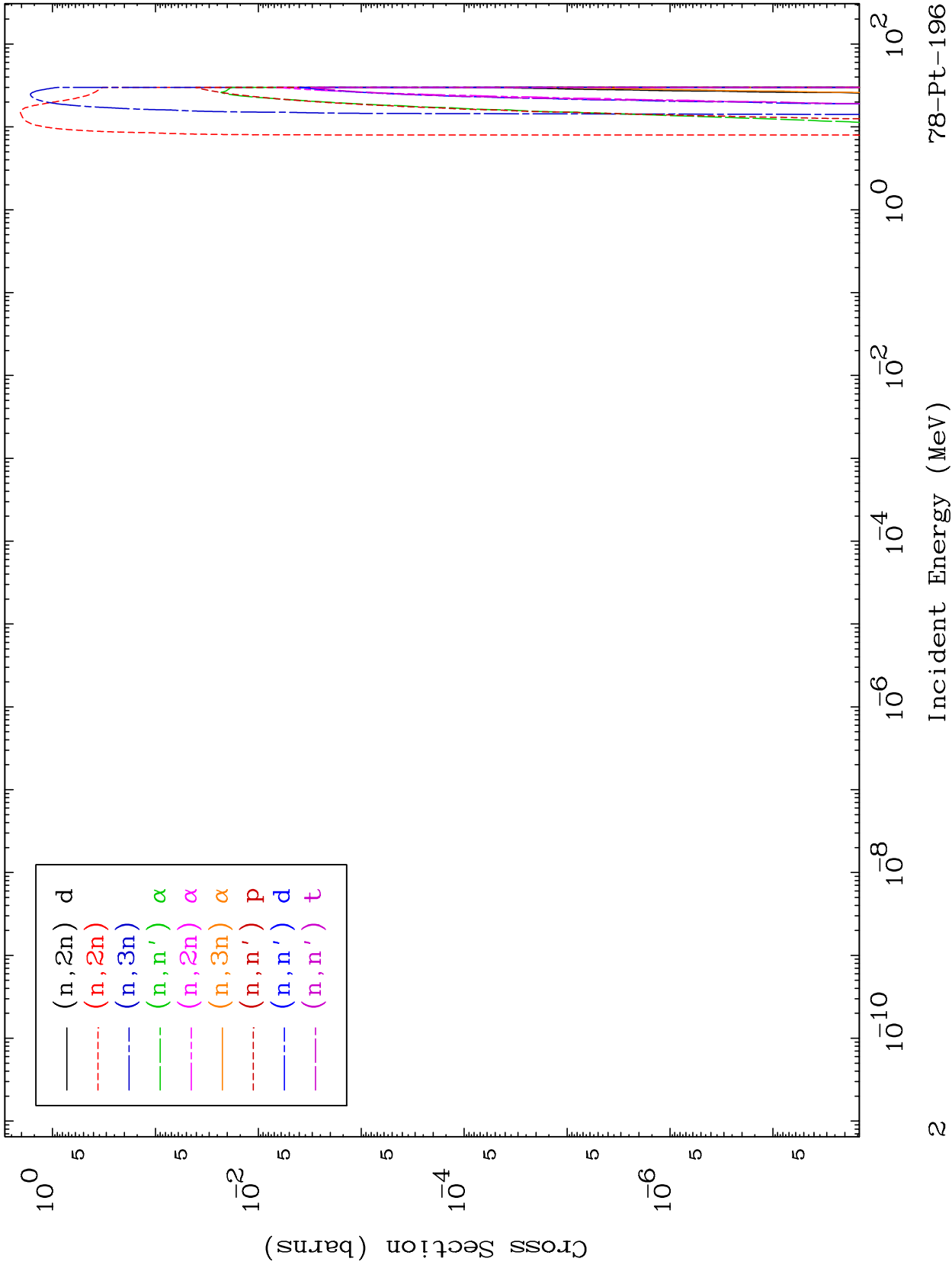
78-Pt-196



MAT 7843

Neutron Absorption
293 Kelvin Cross Sections

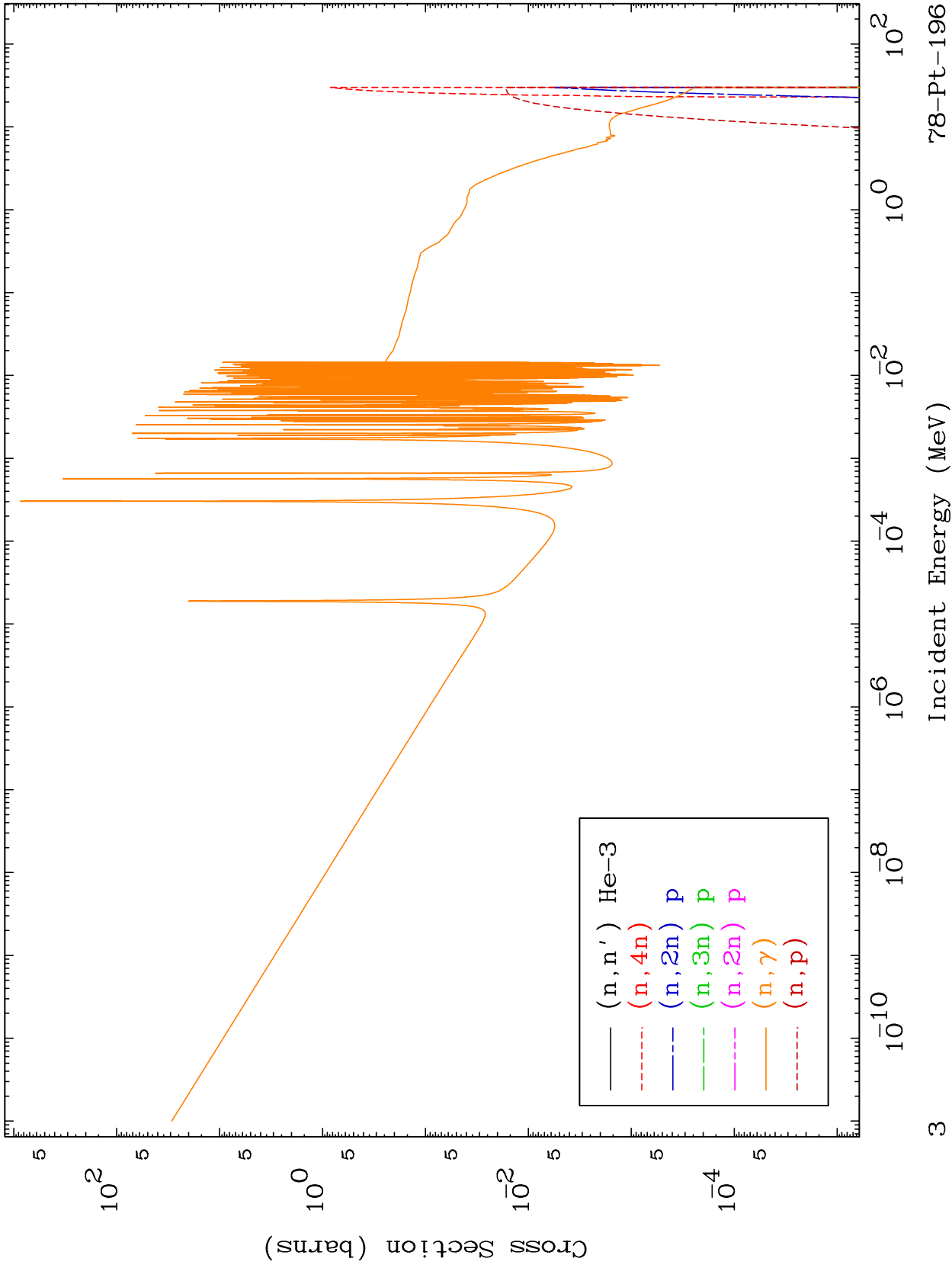
78-Pt-196



MAT 7843

Neutron Absorption
293 Kelvin Cross Sections

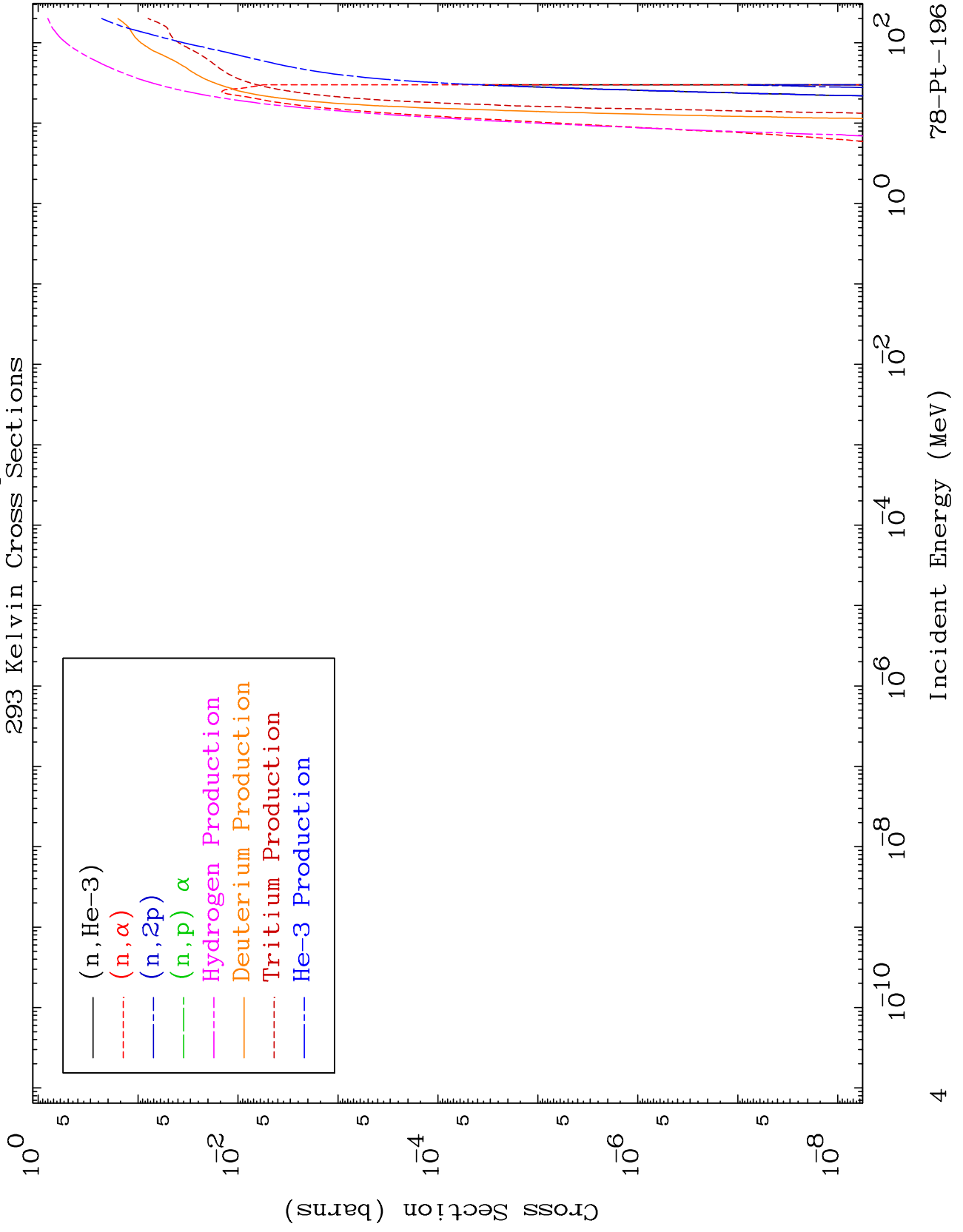
78-Pt-196



MAT 7843

Neutron Absorption
293 Kelvin Cross Sections

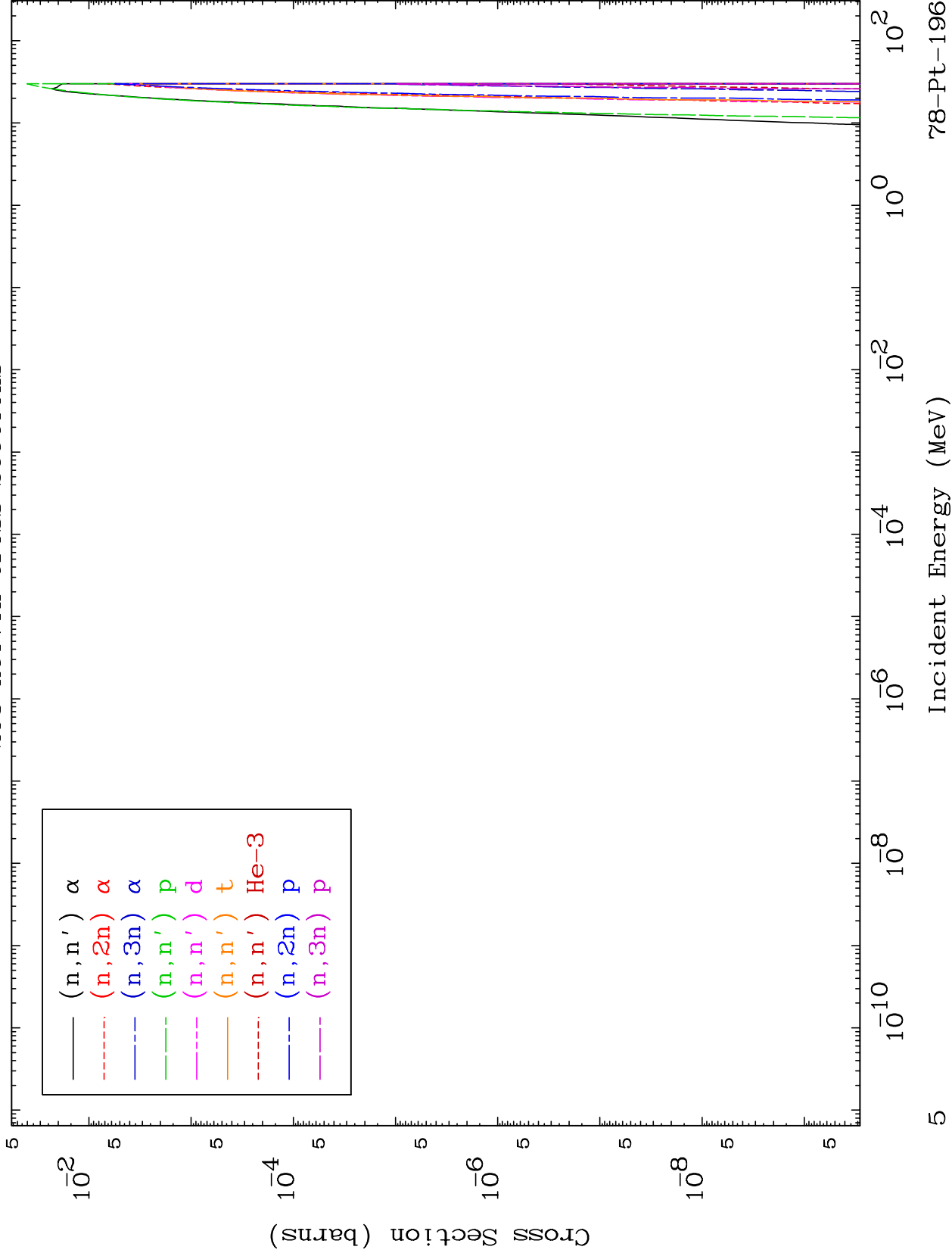
78-Pt-196



MAT 7843

Charged Particle
293 Kelvin Cross Sections

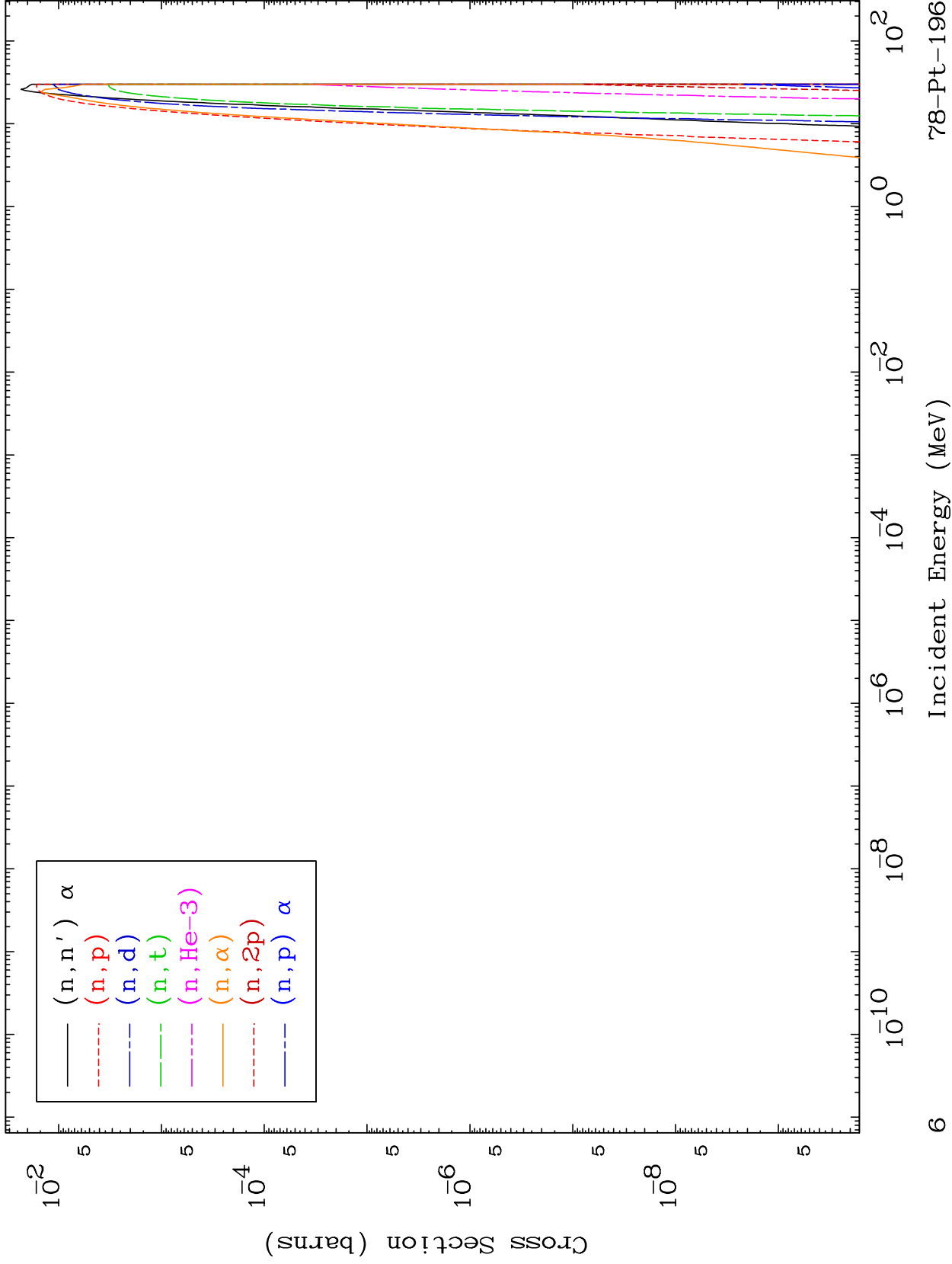
78-Pt-196



MAT 7843

Charged Particle
293 Kelvin Cross Sections

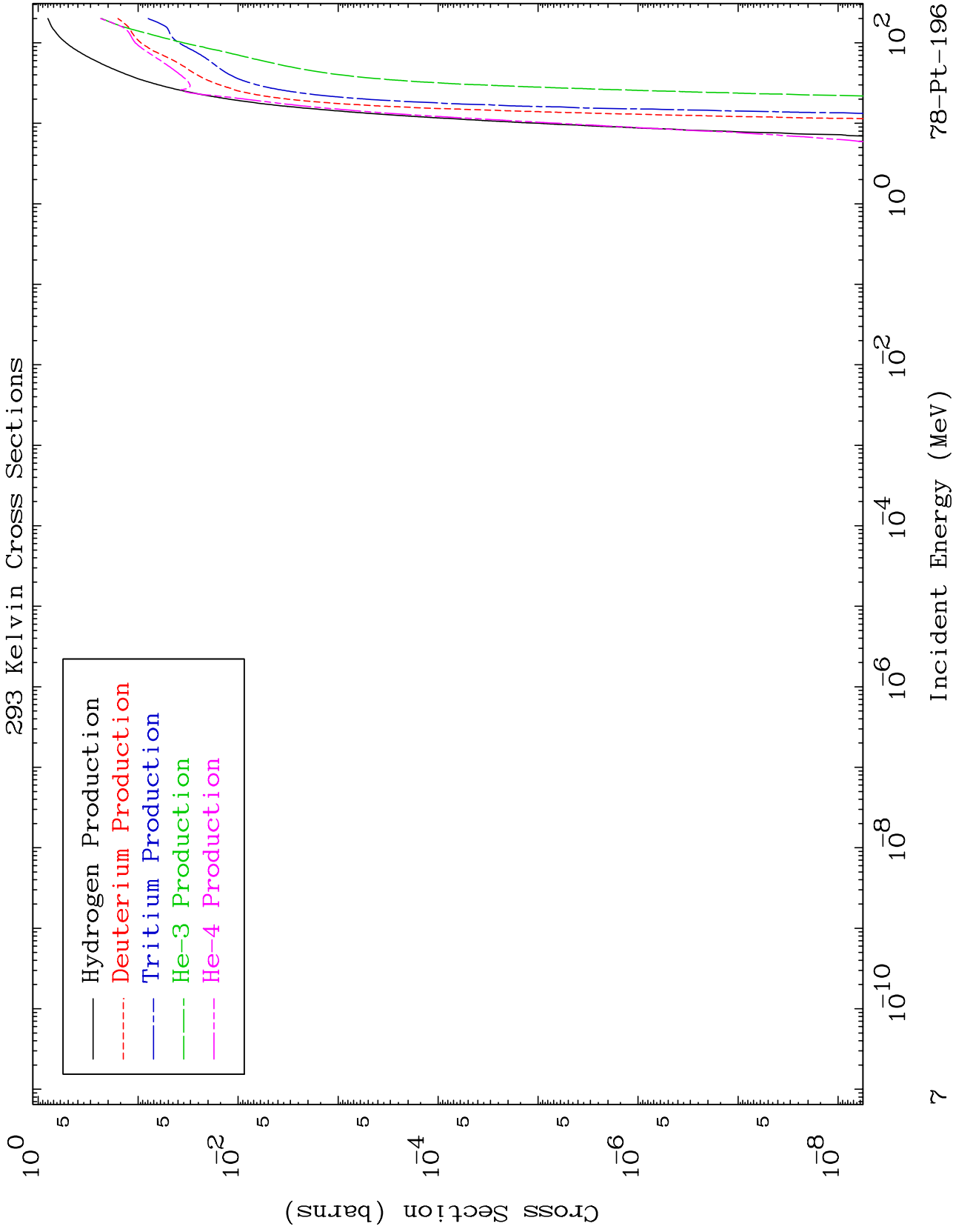
78-Pt-196



MAT 7843

Particle Production
293 Kelvin Cross Sections

78-Pt-196

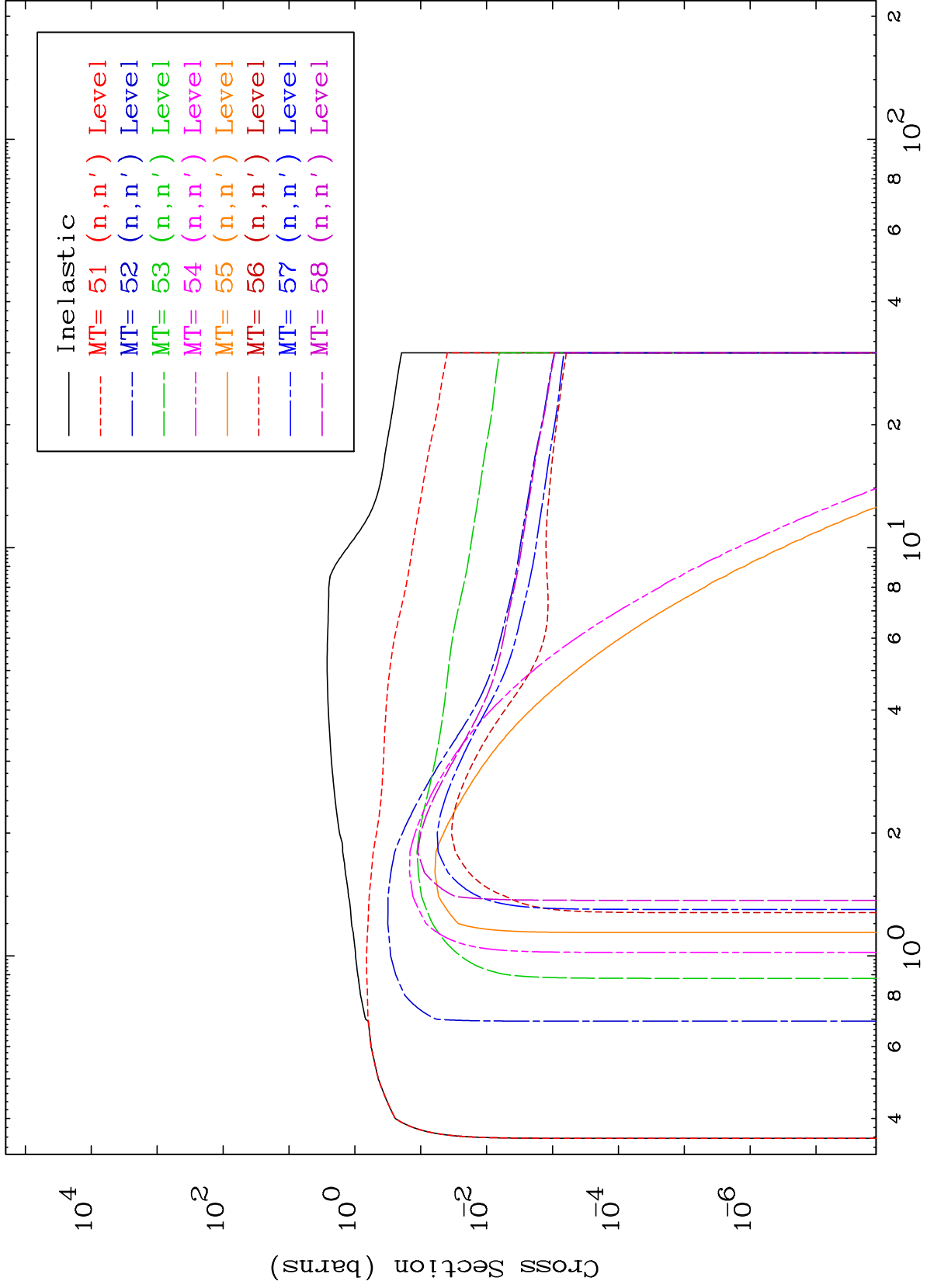


MAT 7843

(n,n') Levels

78-Pt-196

293 Kelvin Cross Sections



8

Incident Energy (MeV)

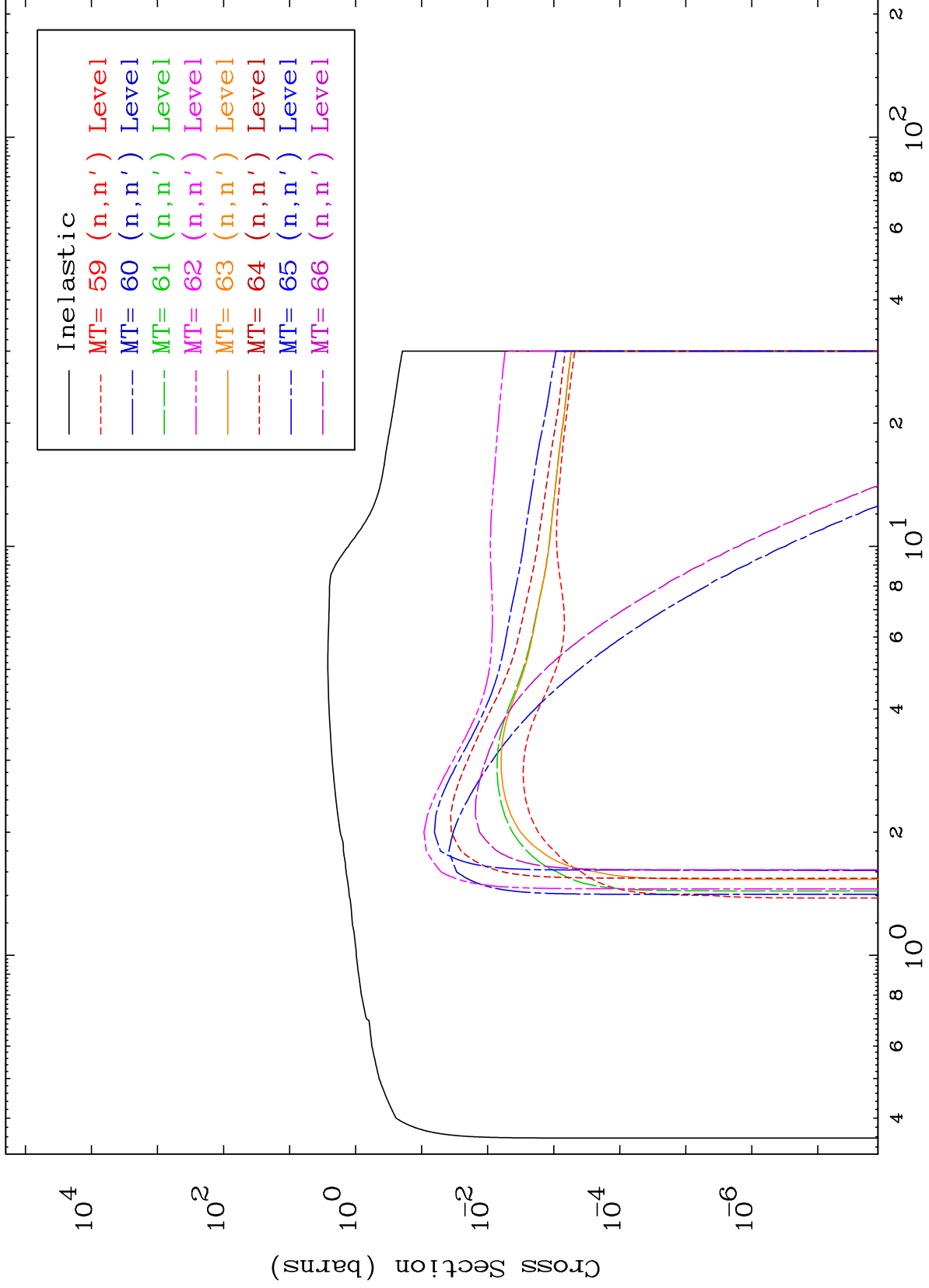
78-Pt-196

MAT 7843

(n,n') Levels

78-Pt-196

293 Kelvin Cross Sections

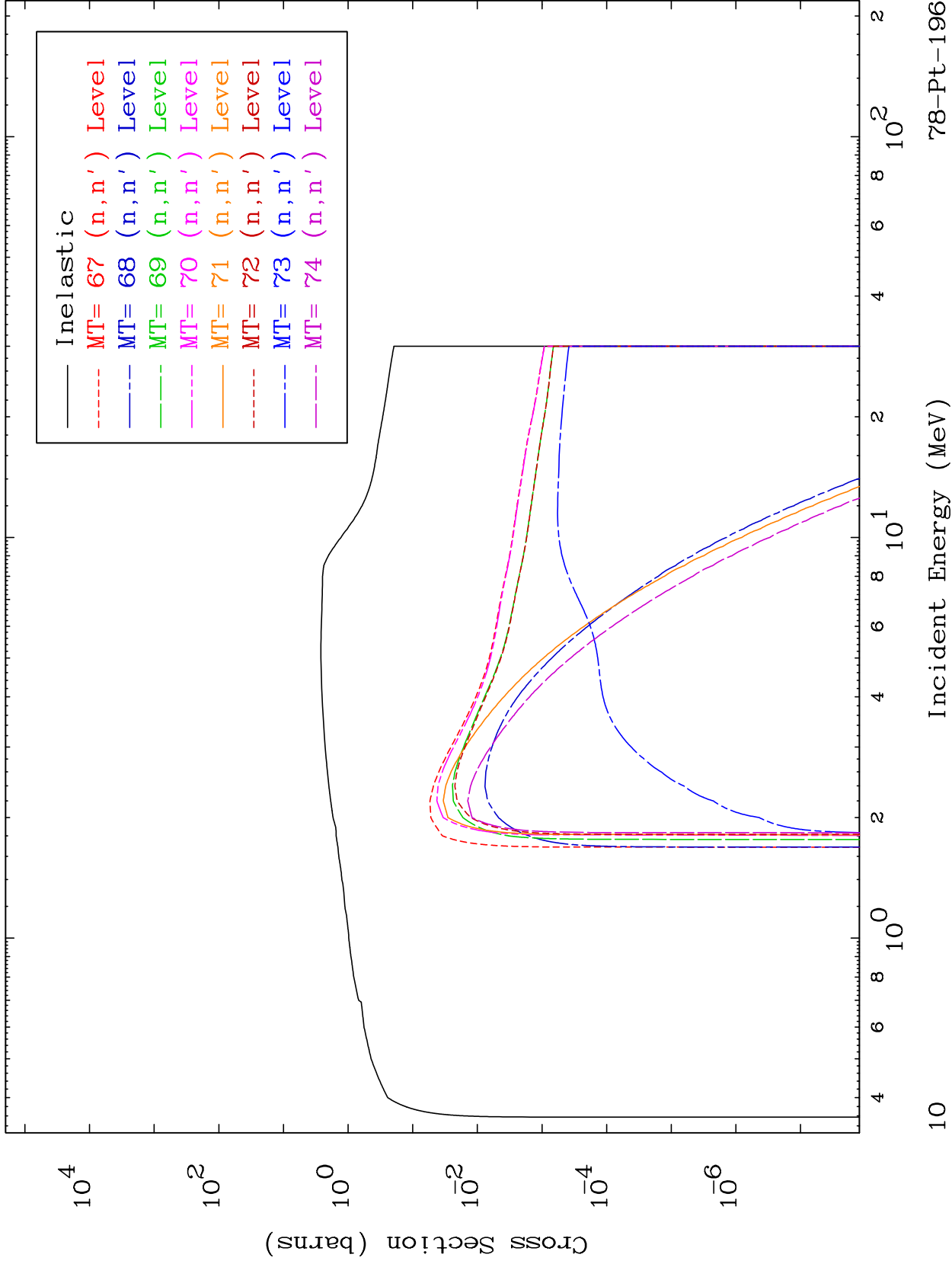


MAT 7843

(n,n') Levels

78-Pt-196

293 Kelvin Cross Sections



10

Incident Energy (MeV)

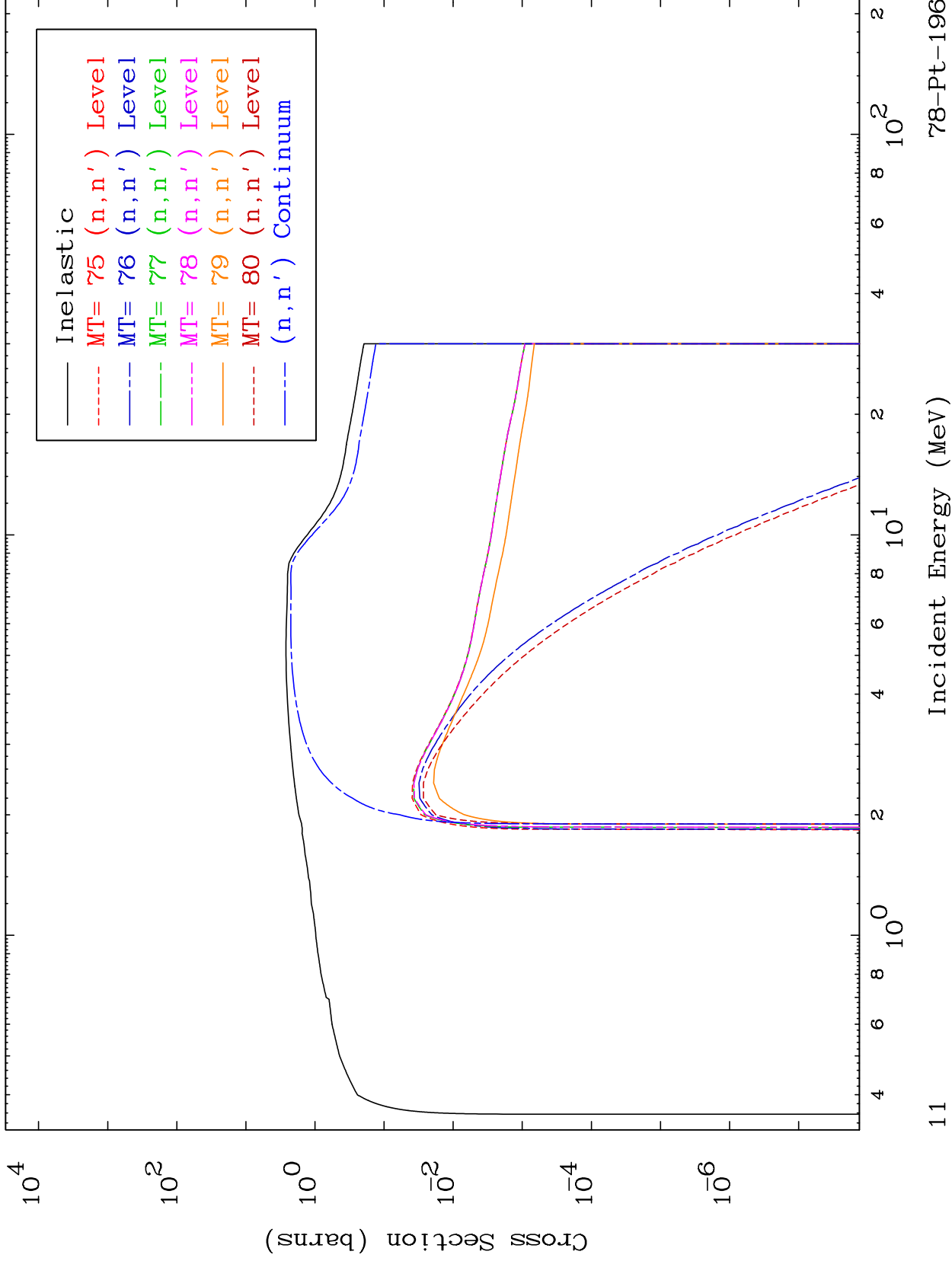
78-Pt-196

MAT 7843

(n,n') Levels

78-Pt-196

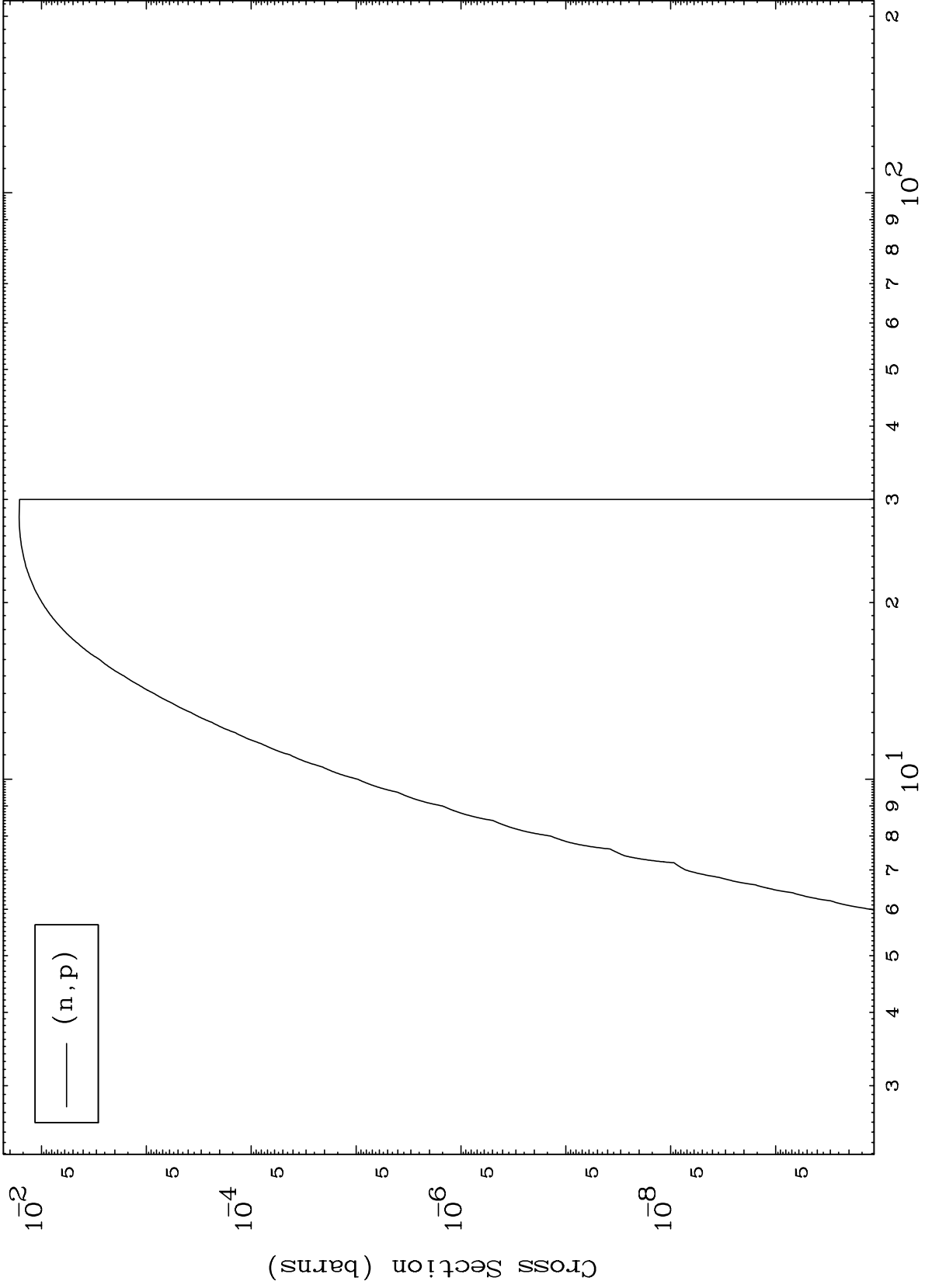
293 Kelvin Cross Sections



MAT 7843

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-196



12

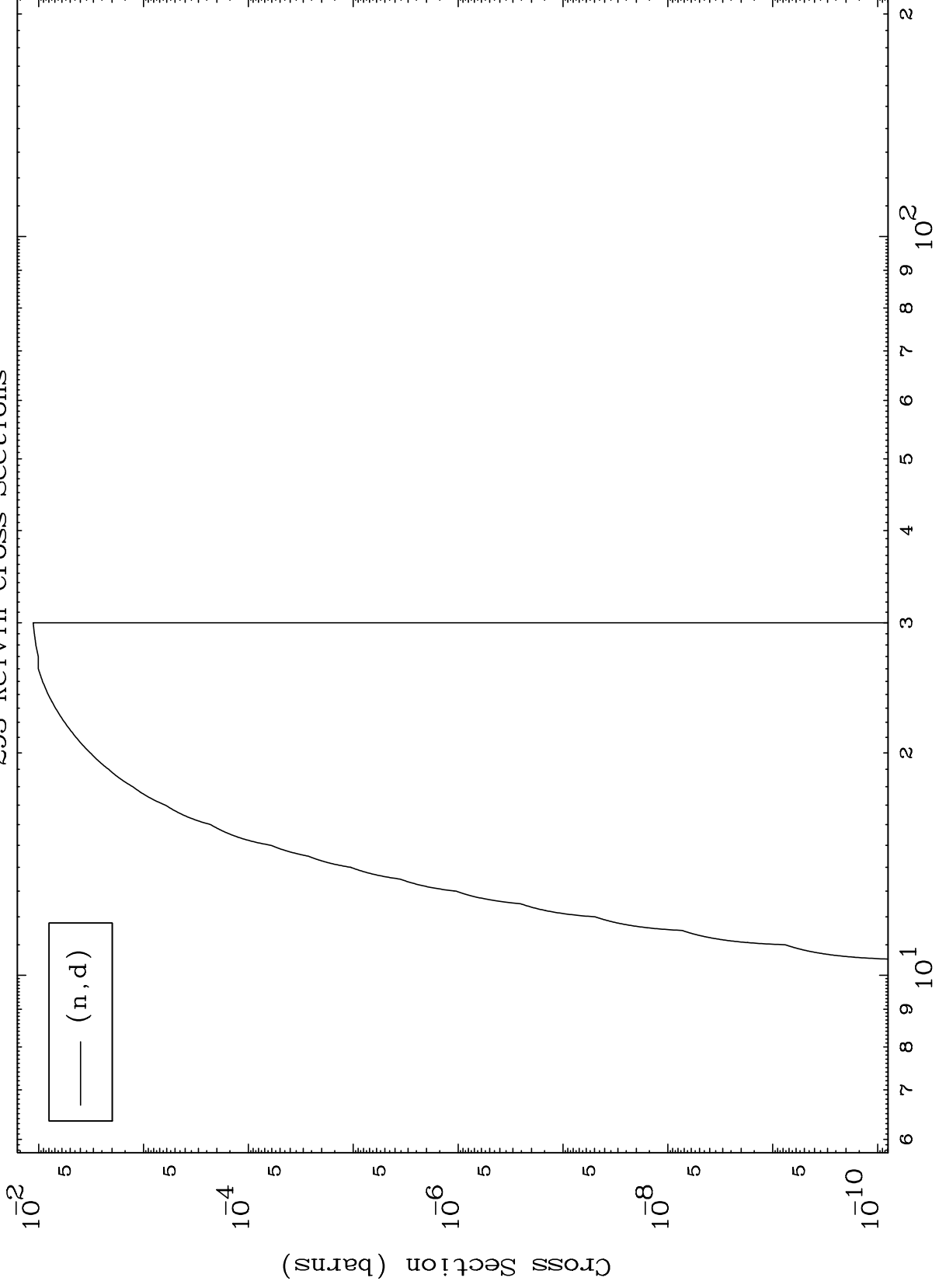
Incident Energy (MeV)

78-Pt-196

MAT 7843

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-196



13

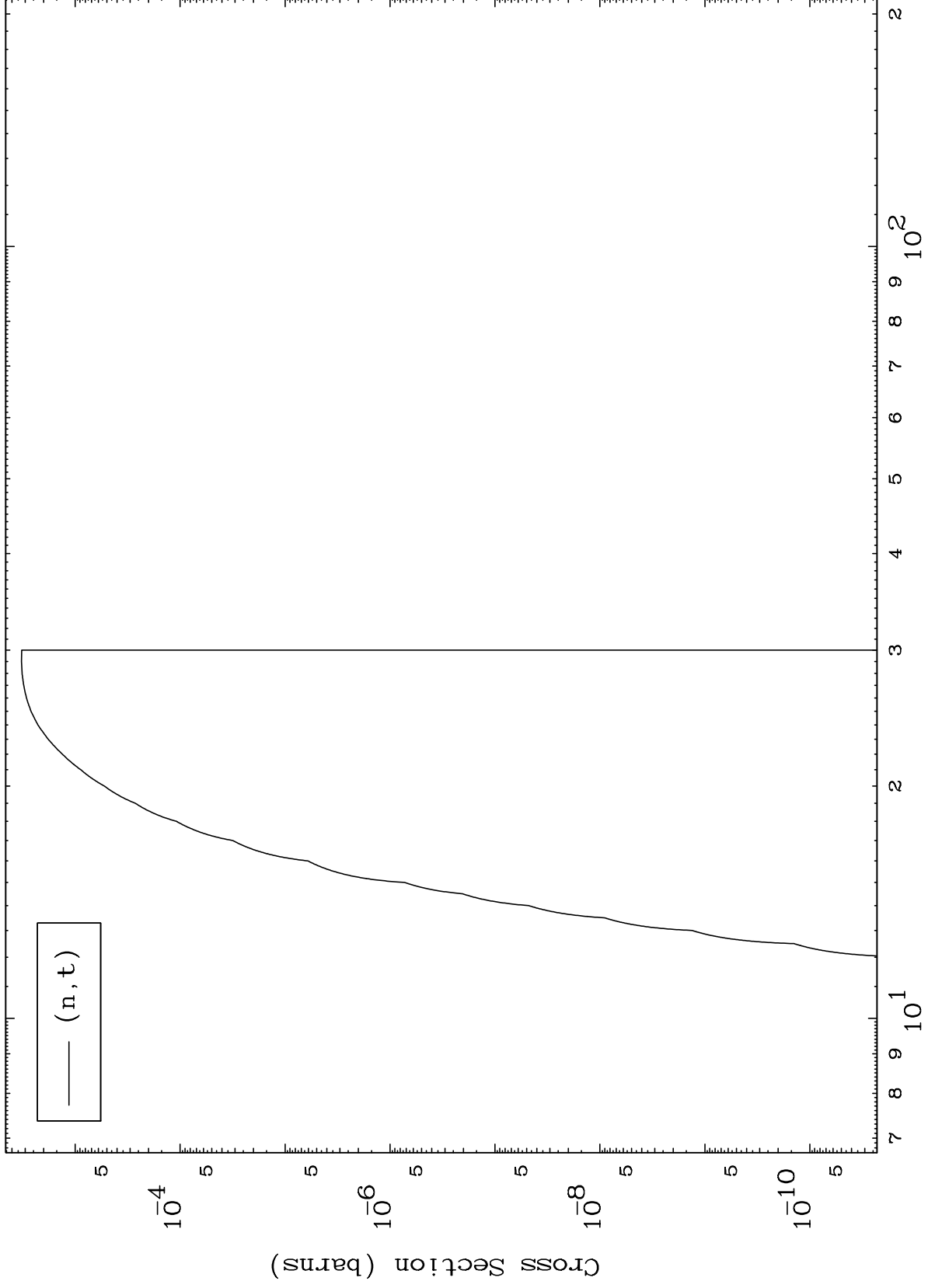
Incident Energy (MeV)

78-Pt-196

MAT 7843

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-196



14

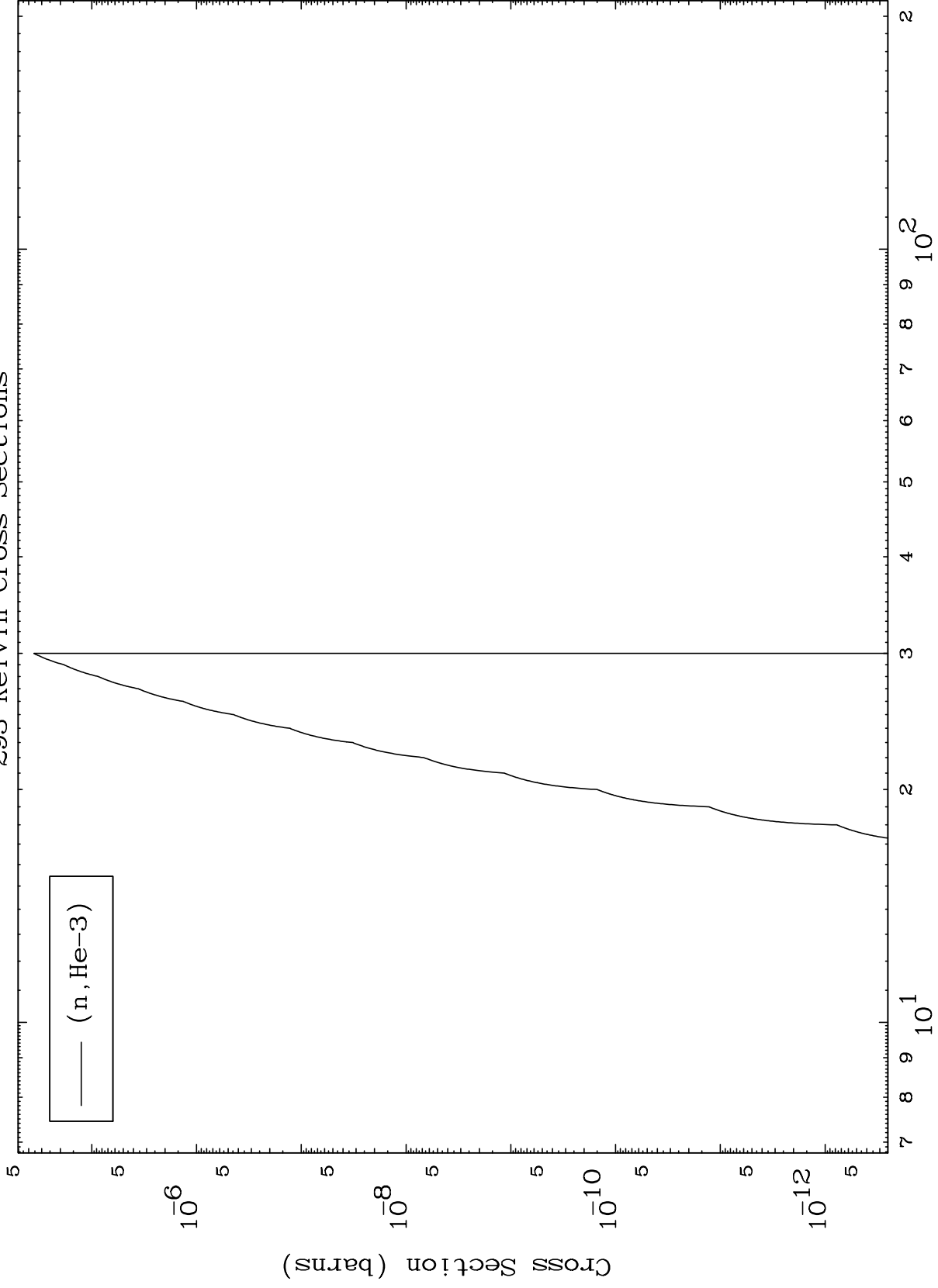
Incident Energy (MeV)

78-Pt-196

MAT 7843

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-196



15

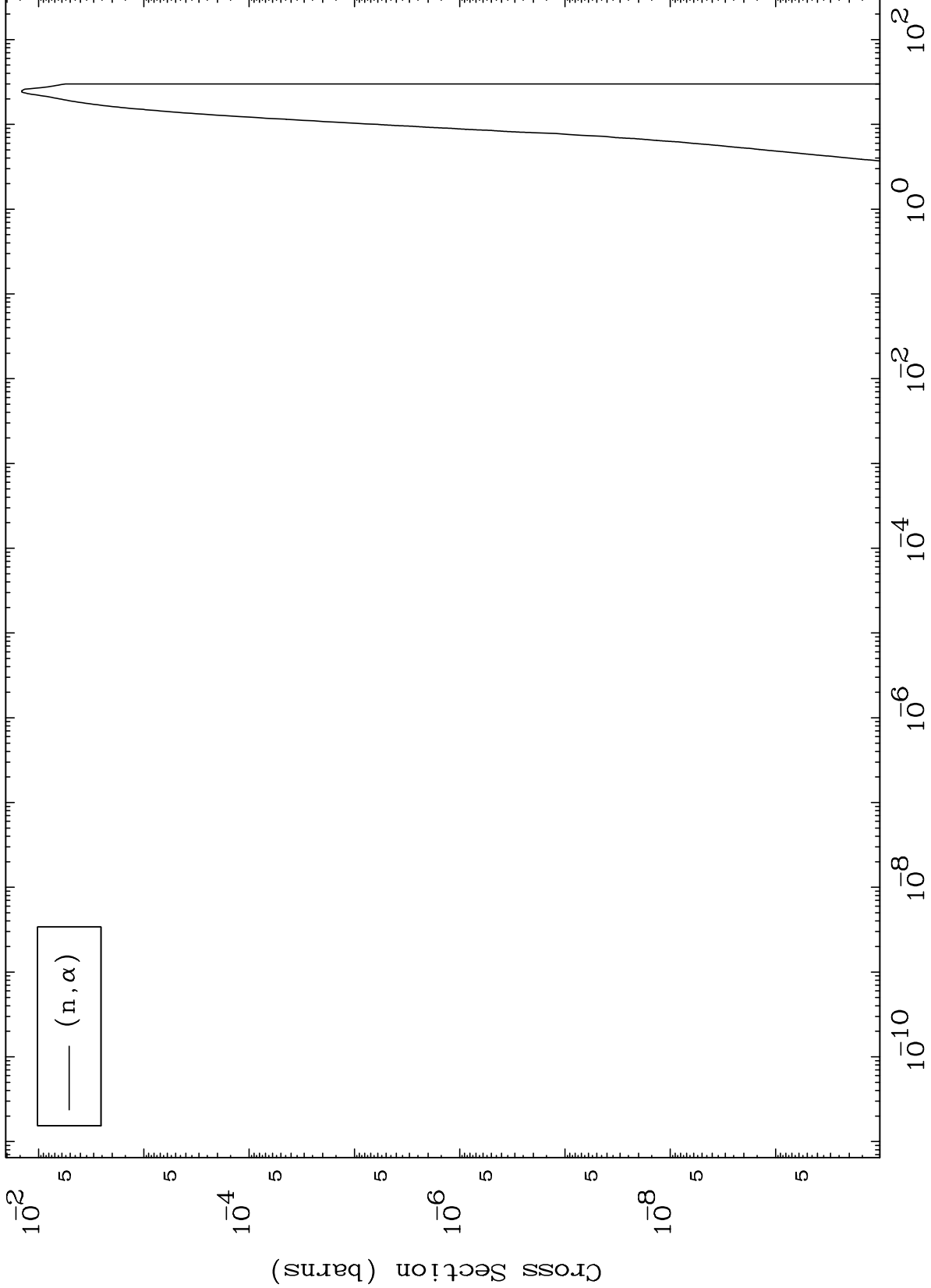
Incident Energy (MeV)

78-Pt-196

MAT 7843

(n, α) Levels
293 Kelvin Cross Sections

78-Pt-196



16

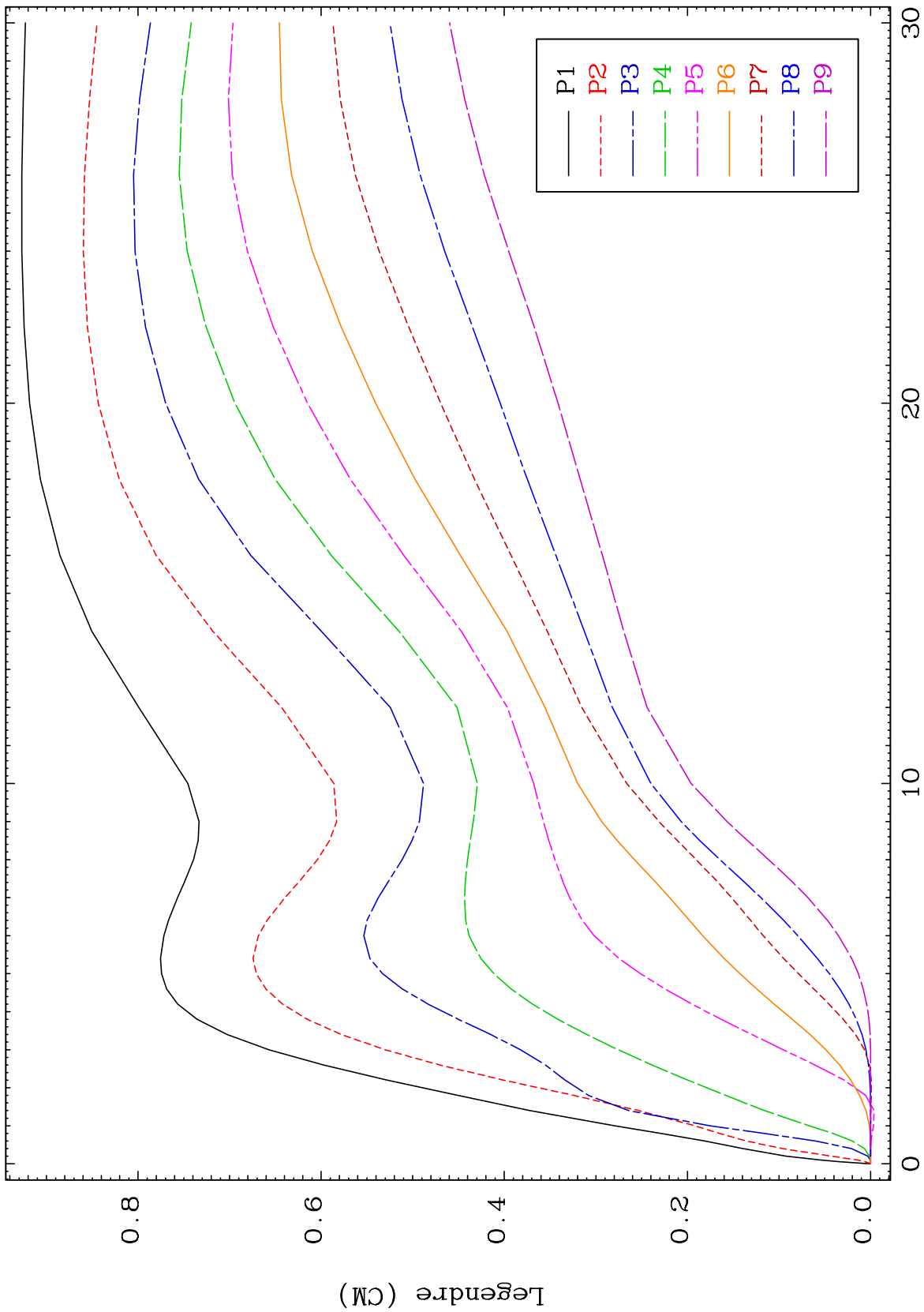
Incident Energy (MeV)

78-Pt-196

MAT 7843

78-Pt-196

Elastic Legendre Coefficients



17

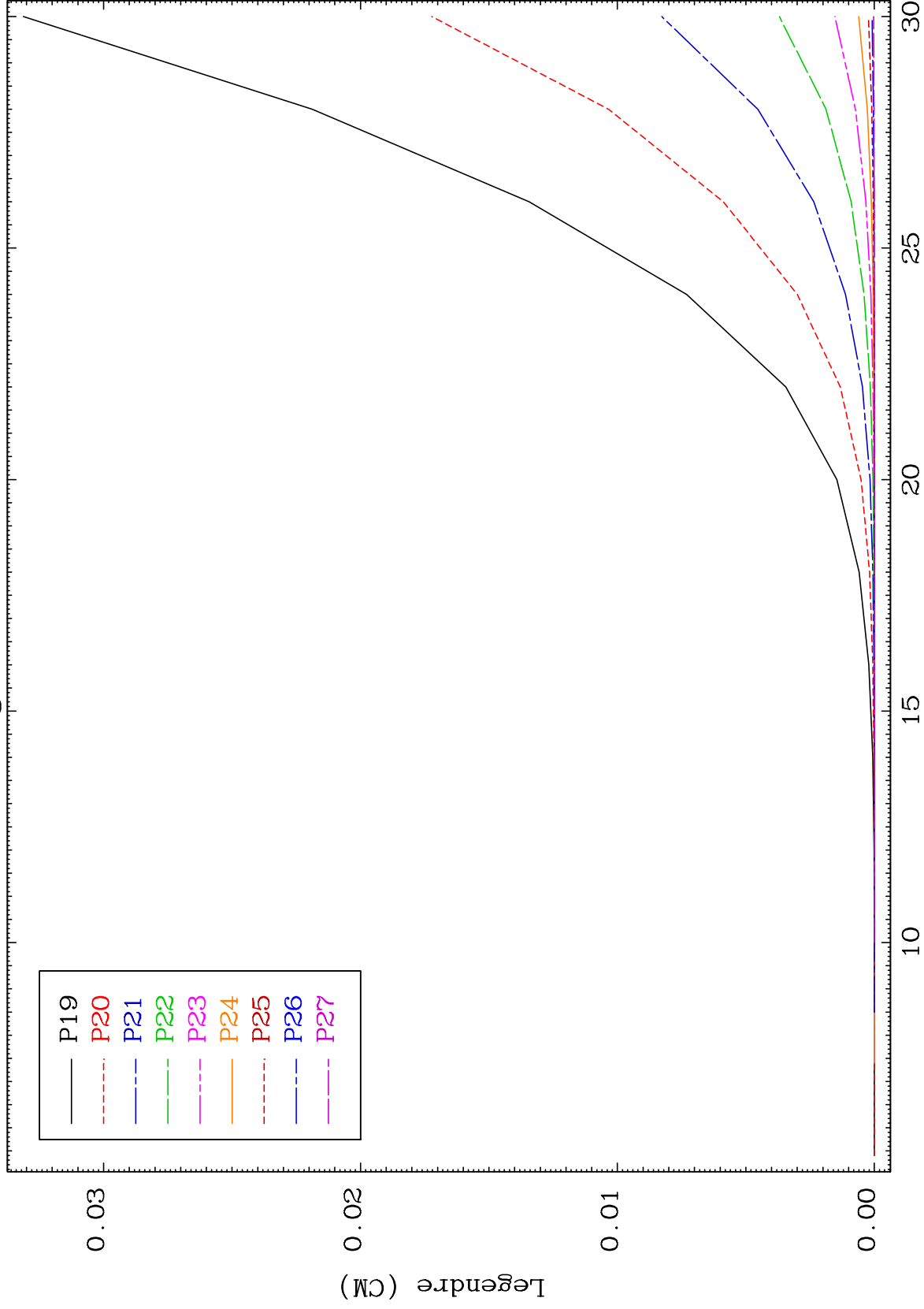
Incident Energy (MeV)

78-Pt-196

MAT 7843

Elastic Legendre Coefficients

78-Pt-196



19

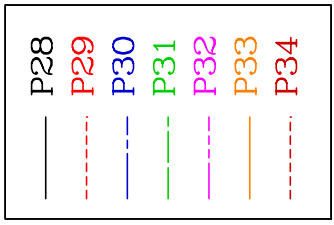
Incident Energy (MeV)

78-Pt-196

MAT 7843

Elastic
Legendre Coefficients

78-Pt-196



$\times 10^{-5}$

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

10

15

20

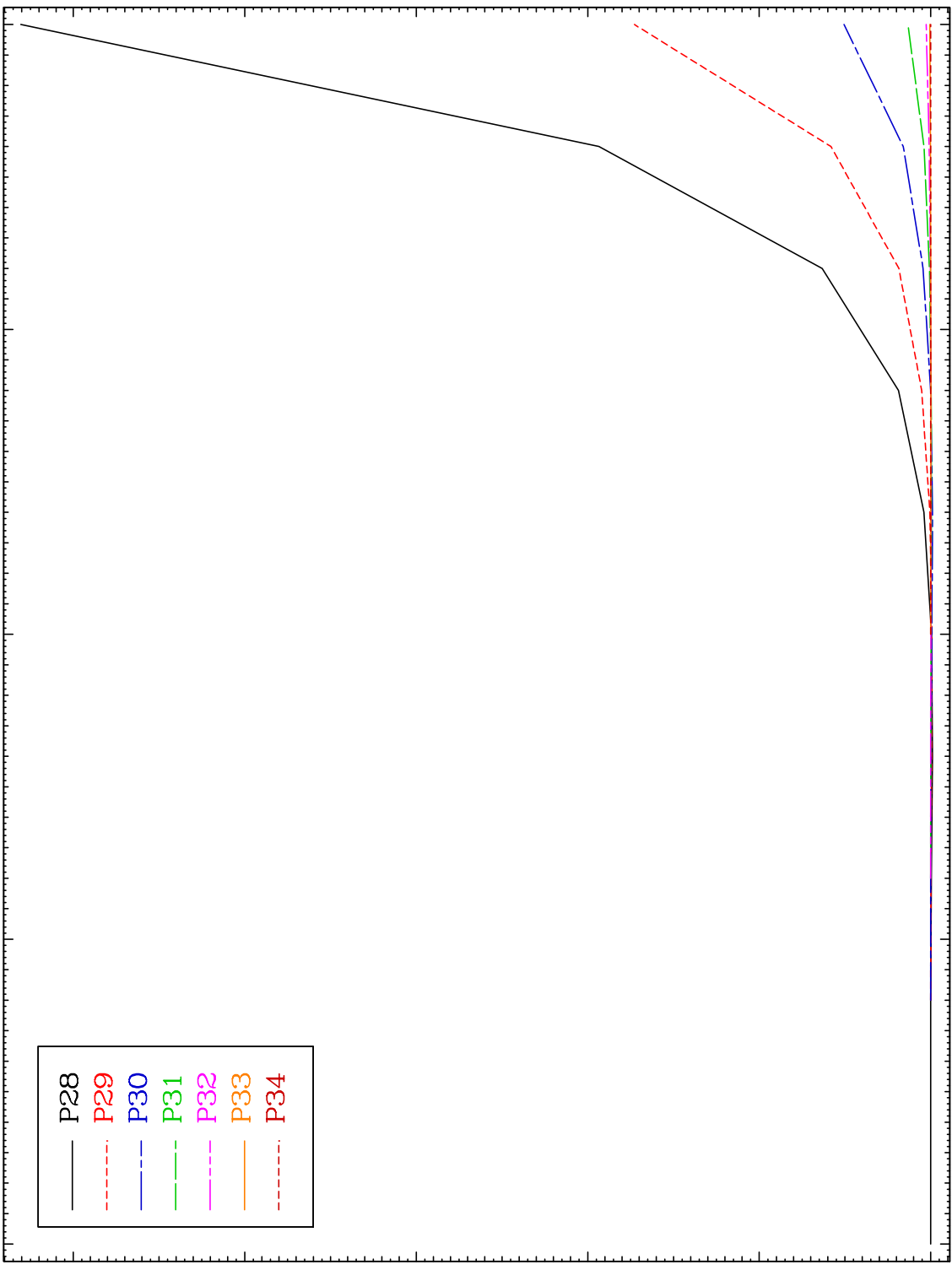
25

30

20

Incident Energy (MeV)

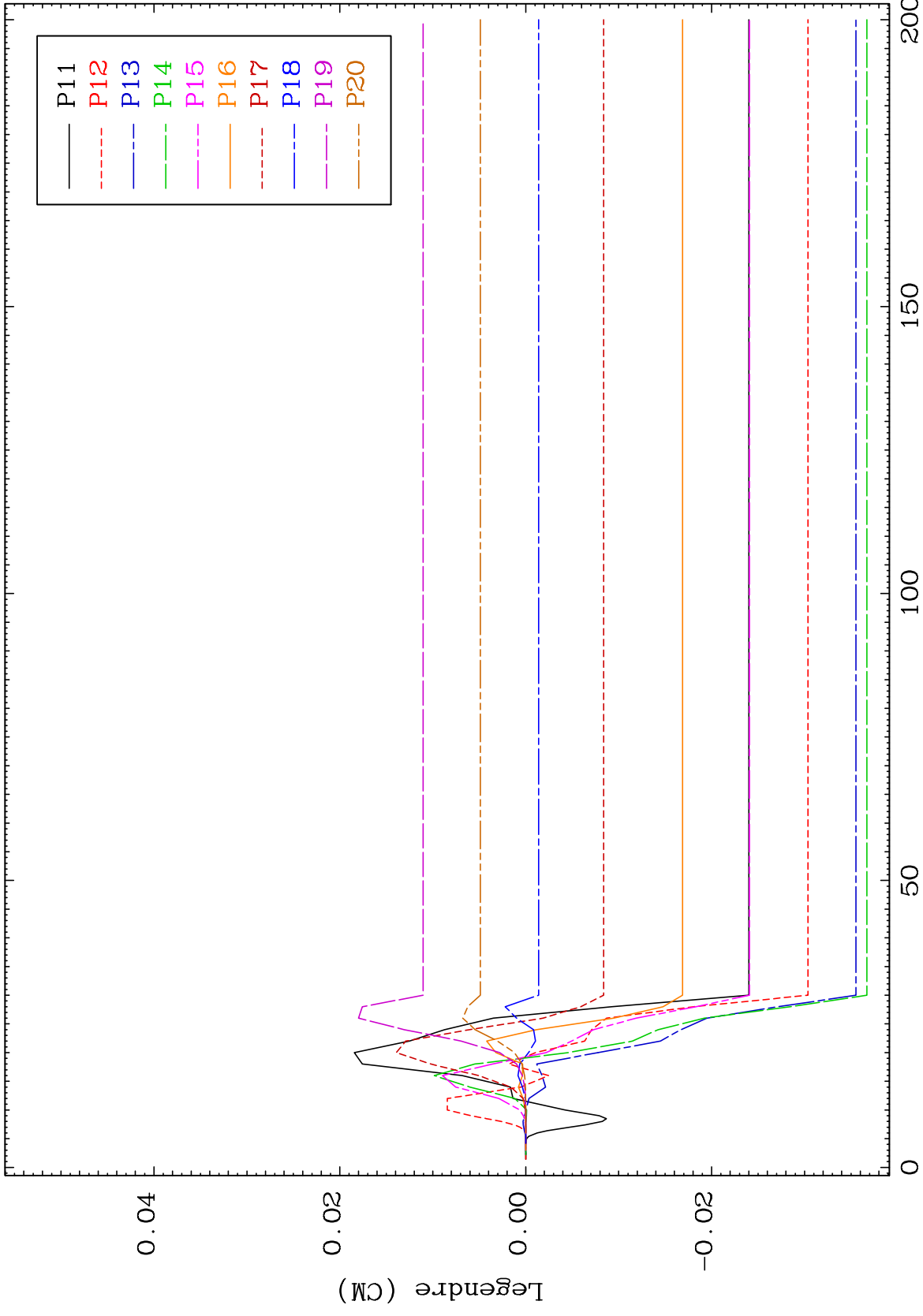
78-Pt-196



MAT 7843

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

78-Pt-196



22

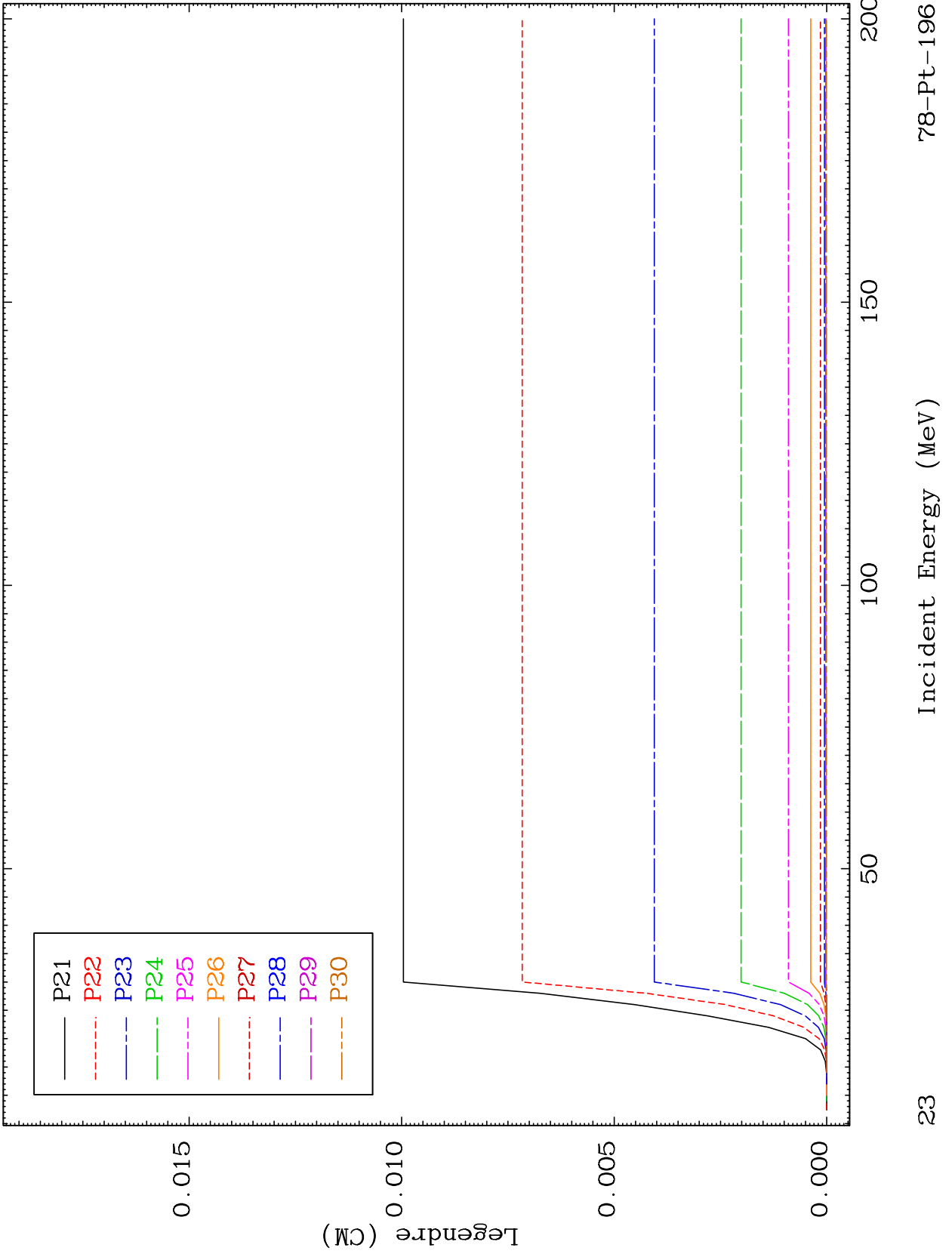
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



23

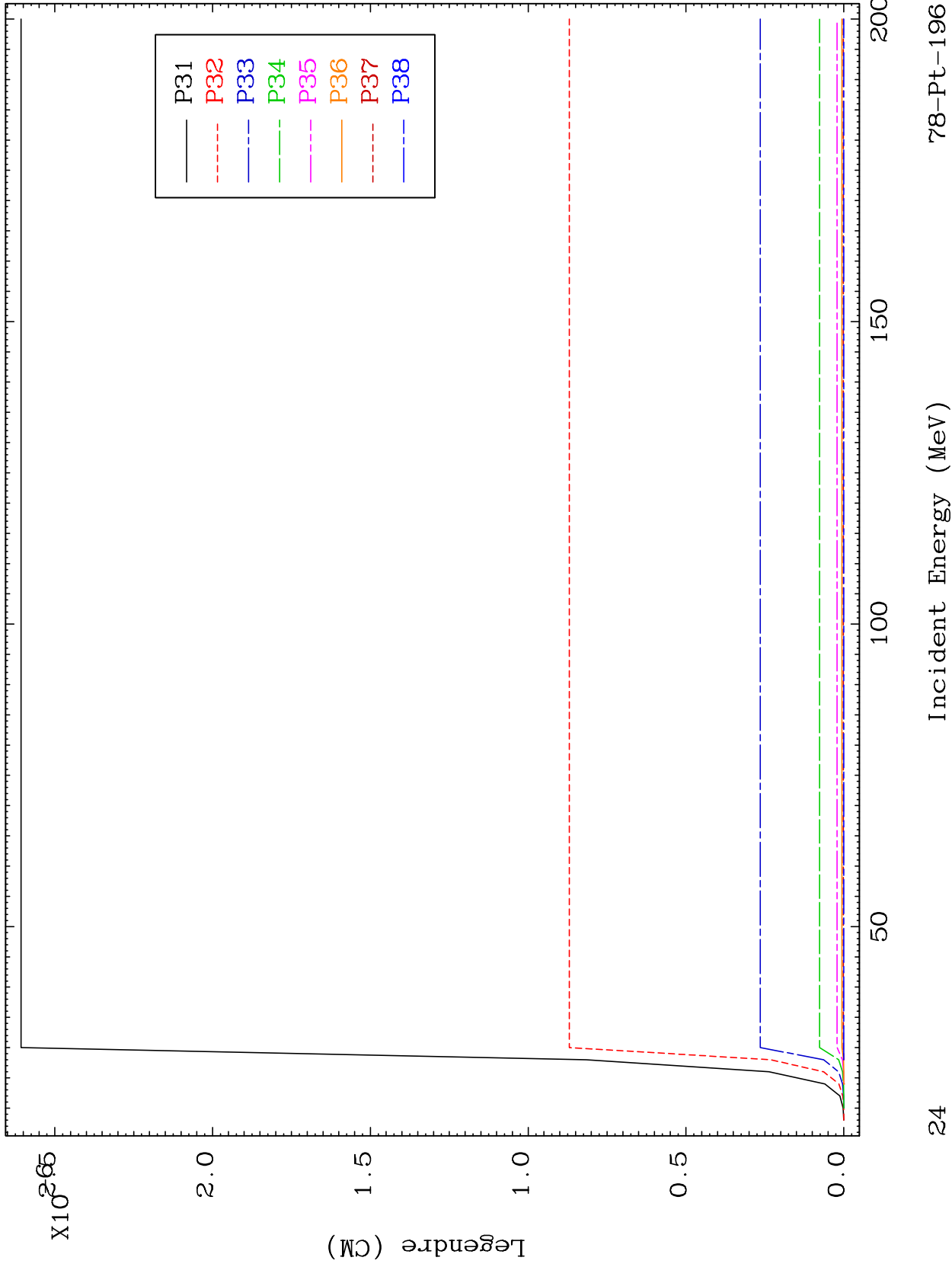
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



24

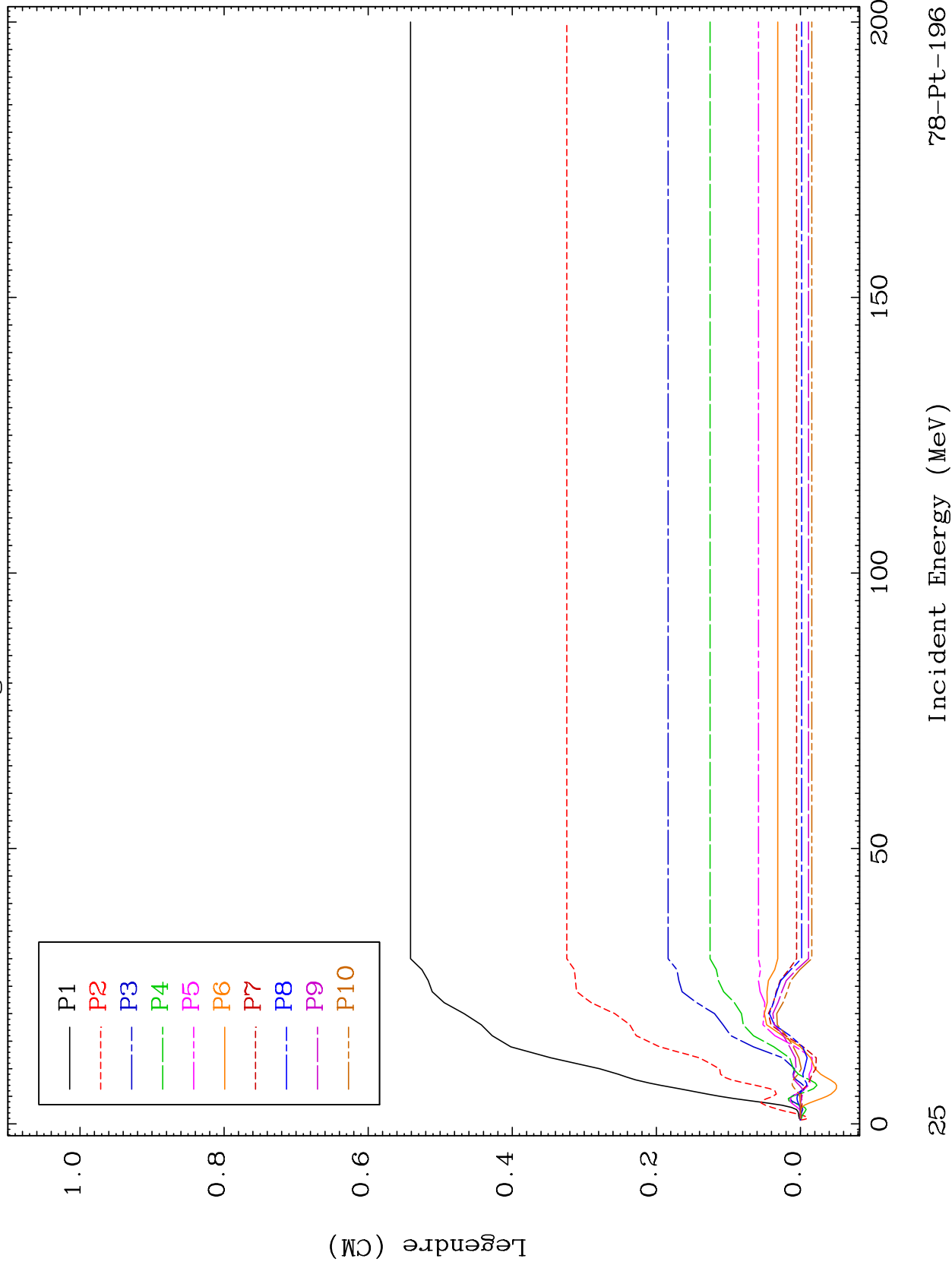
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

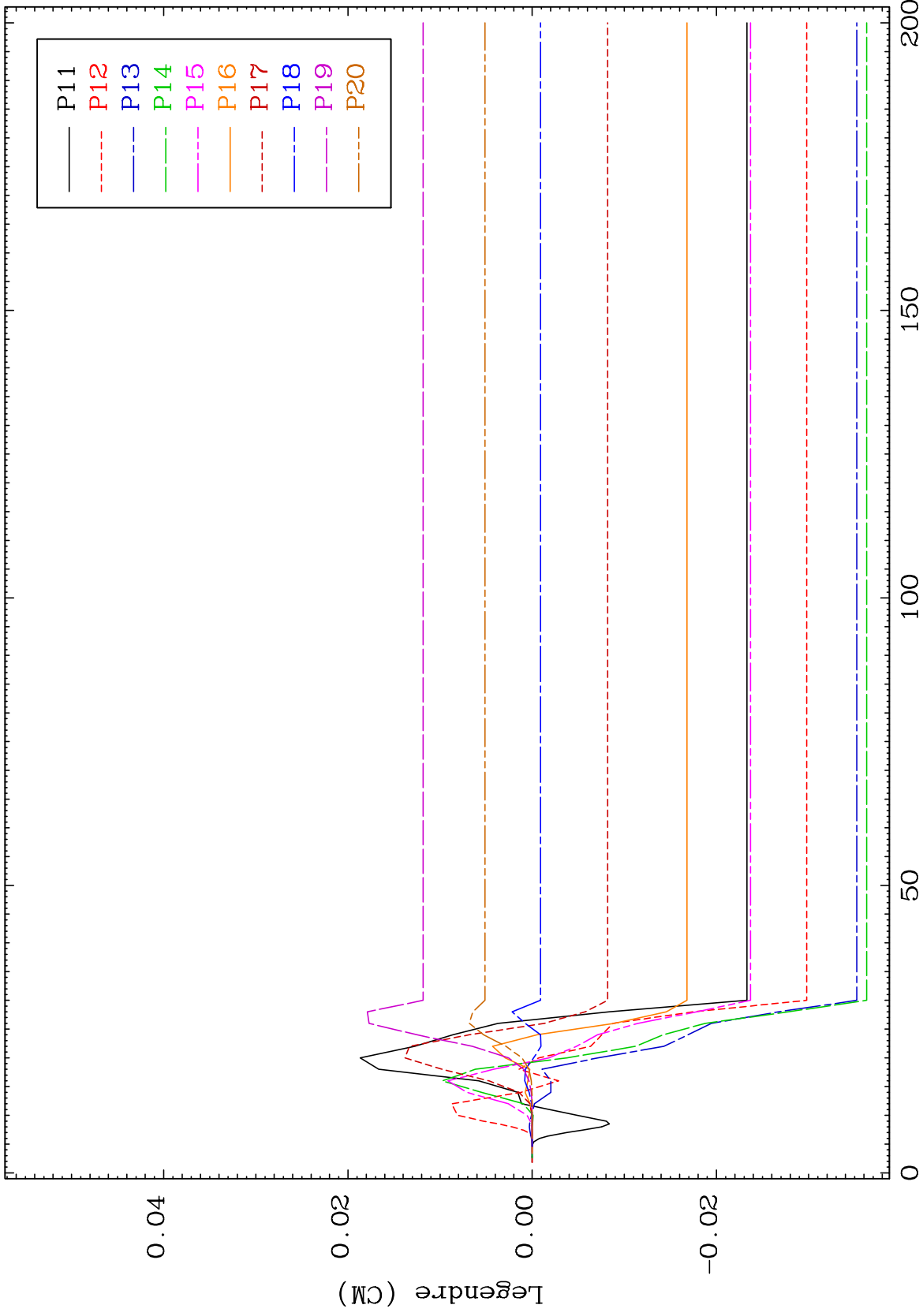
78-Pt-196



MAT 7843

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

78-Pt-196



26

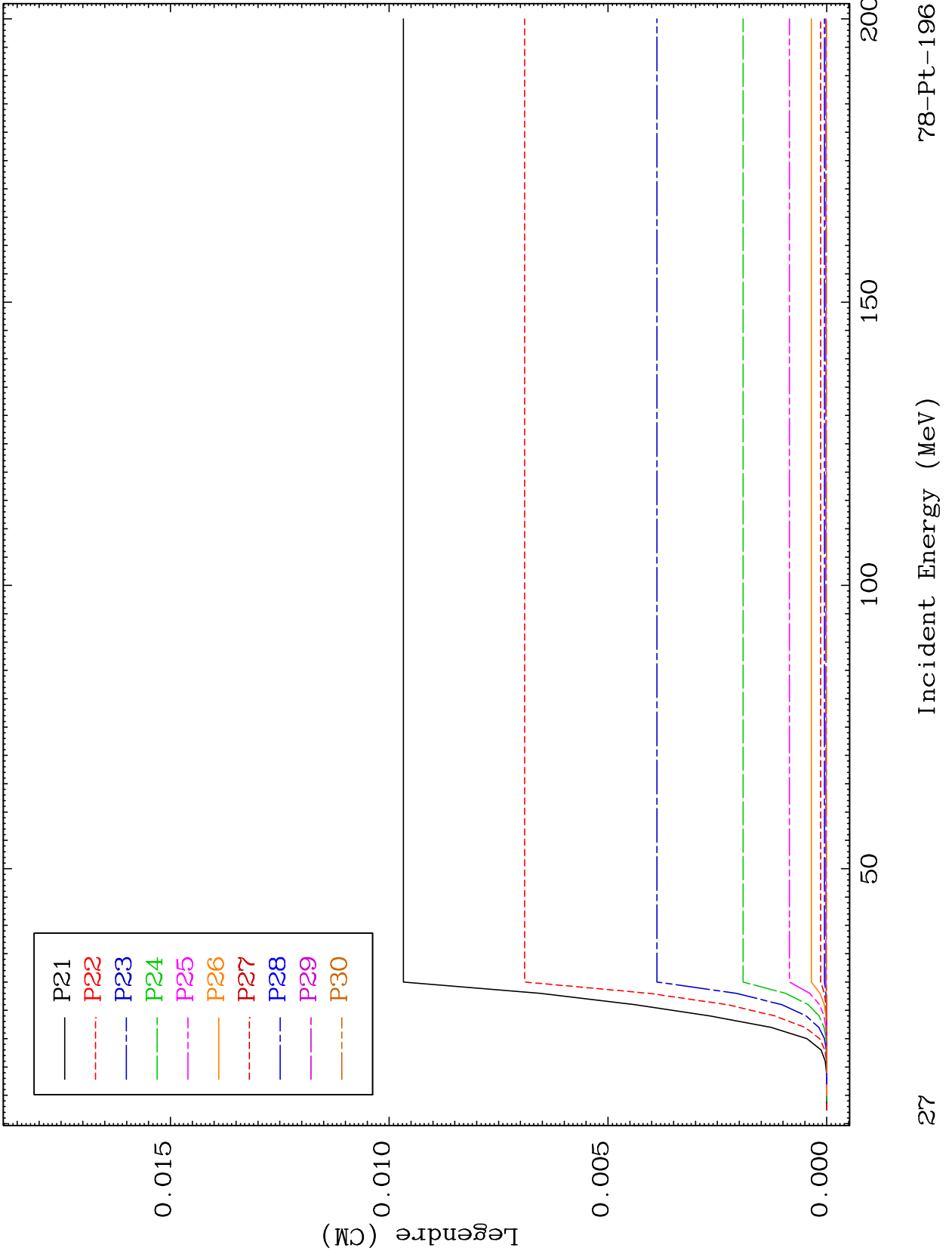
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



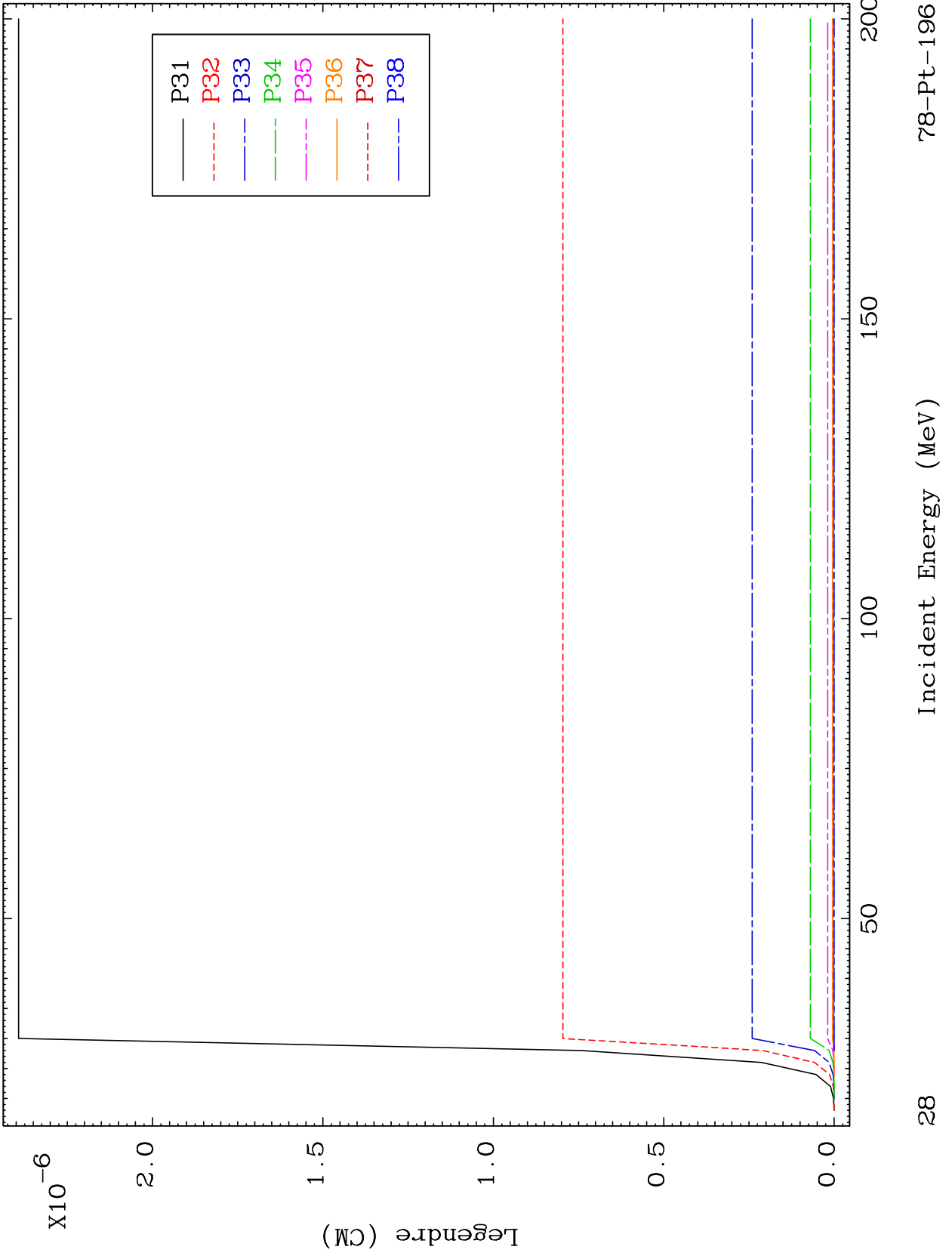
27

78-Pt-196

MAT 7843

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

78-Pt-196



28

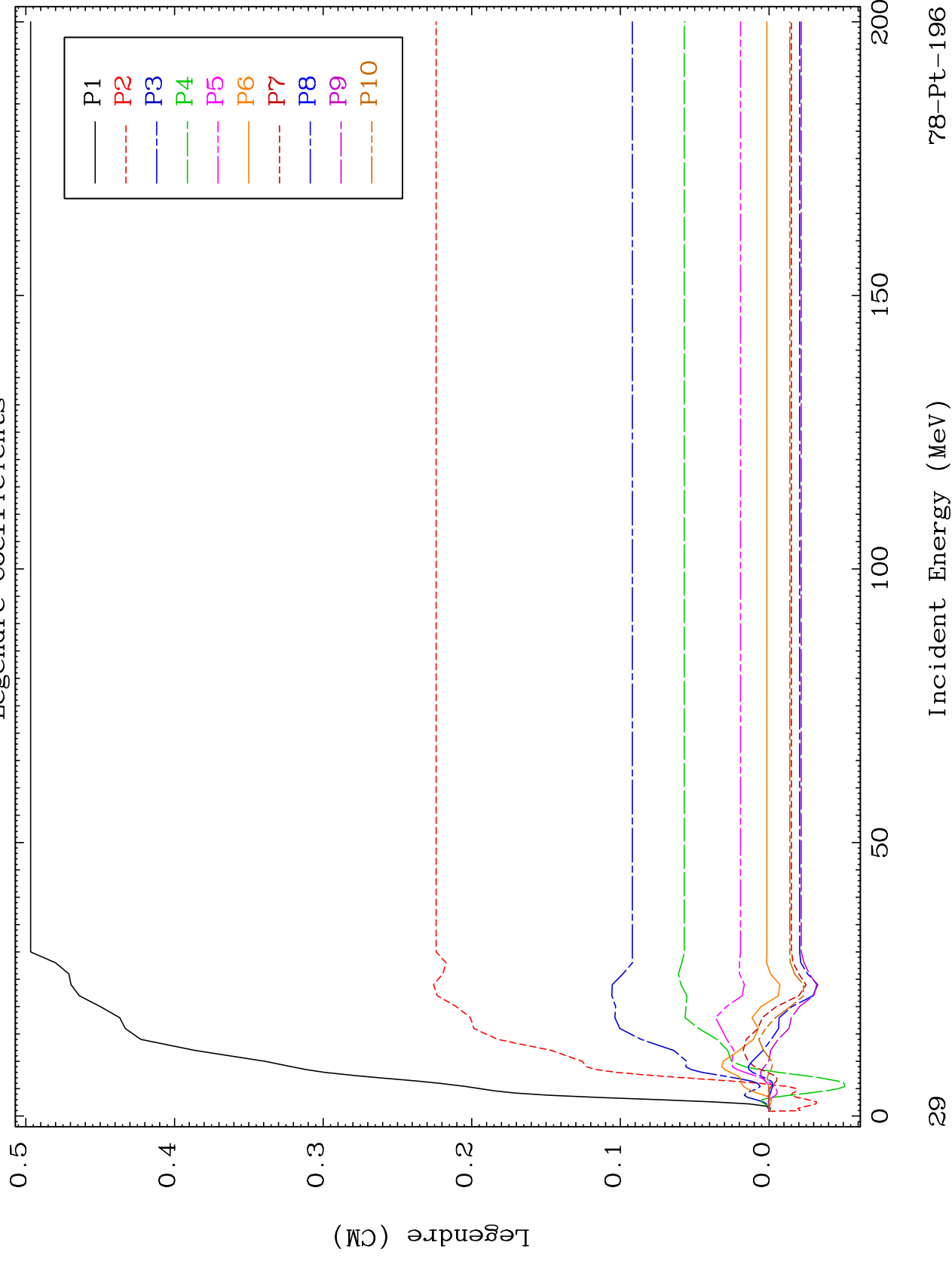
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



29

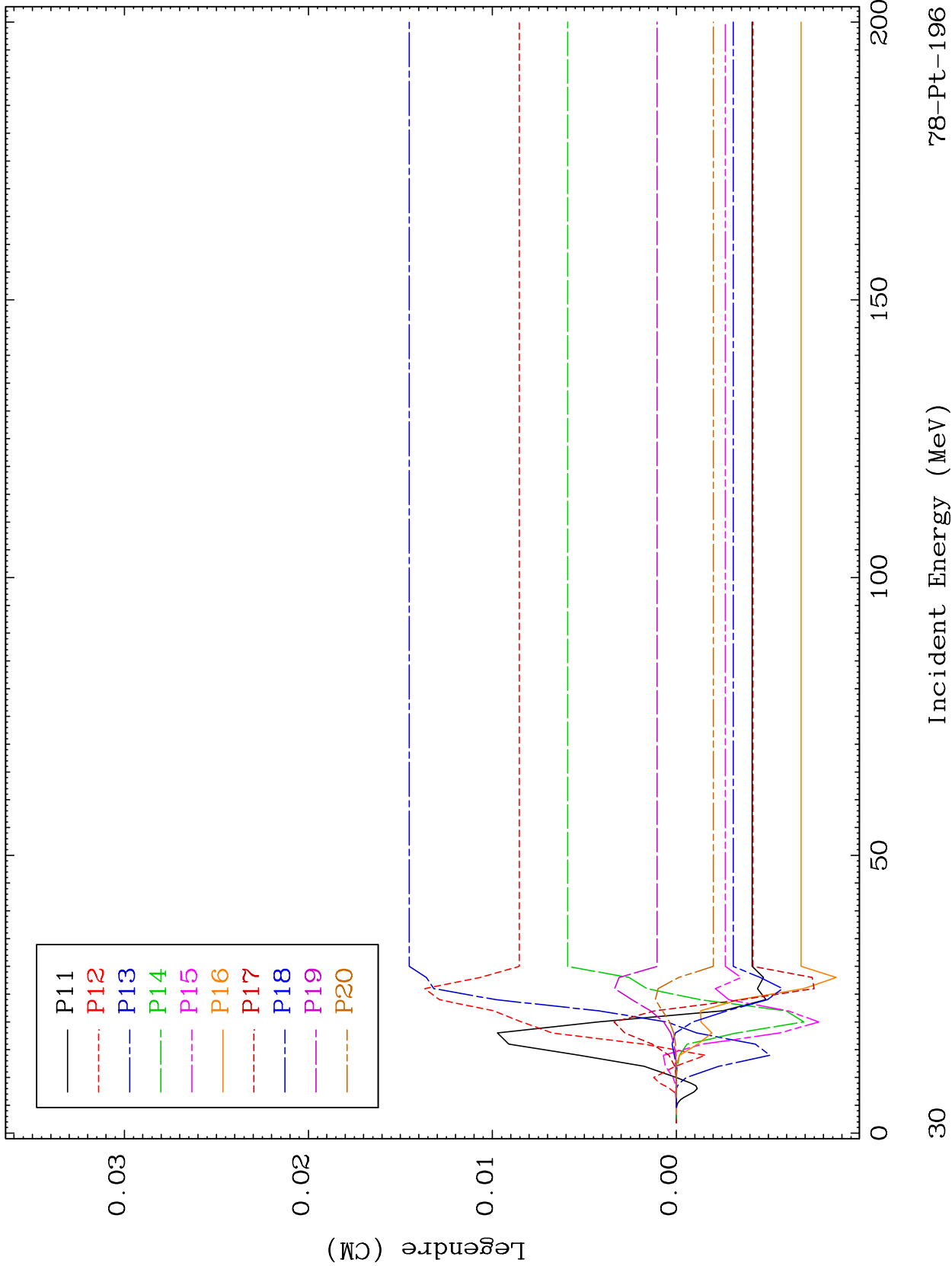
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

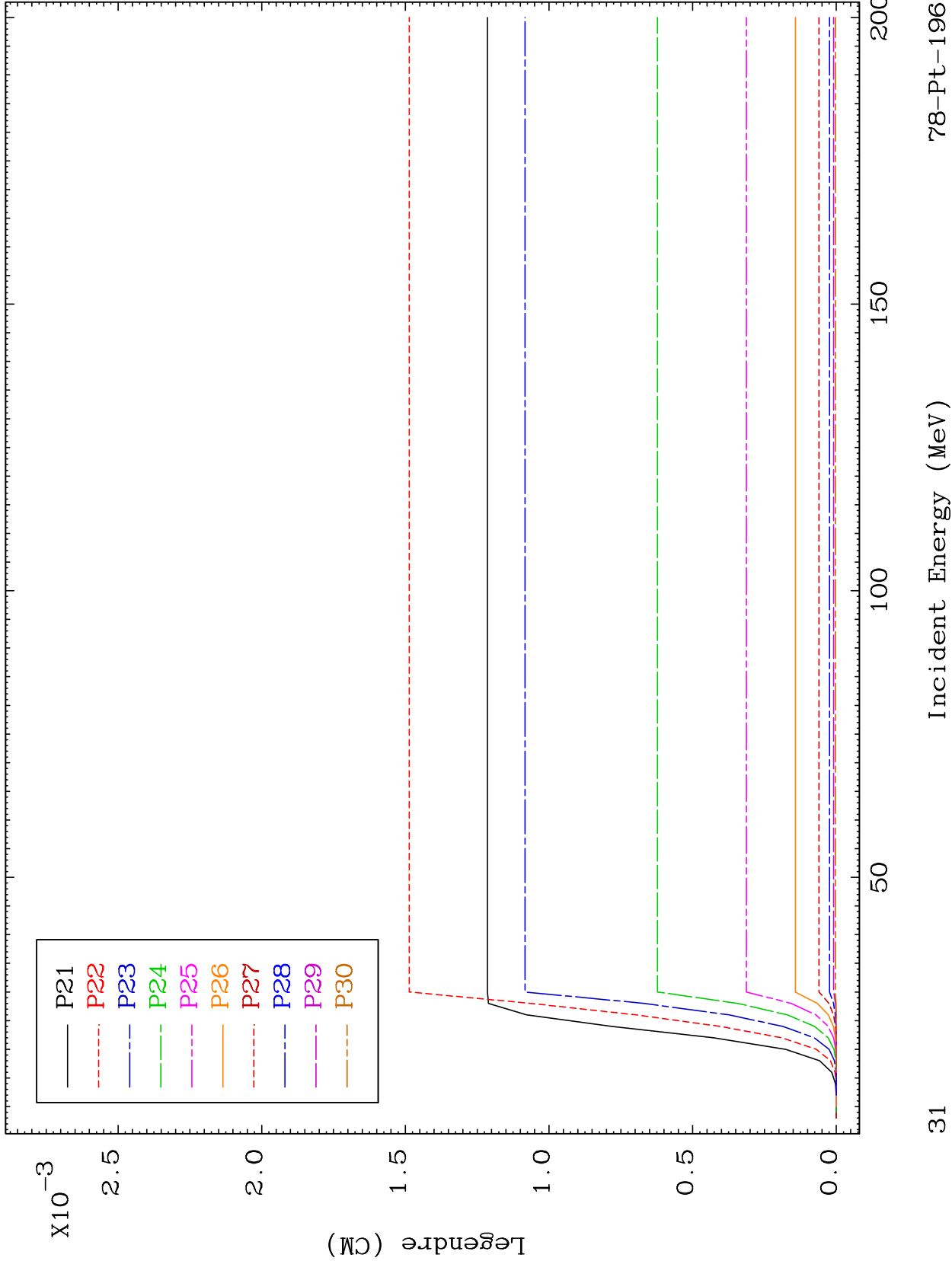
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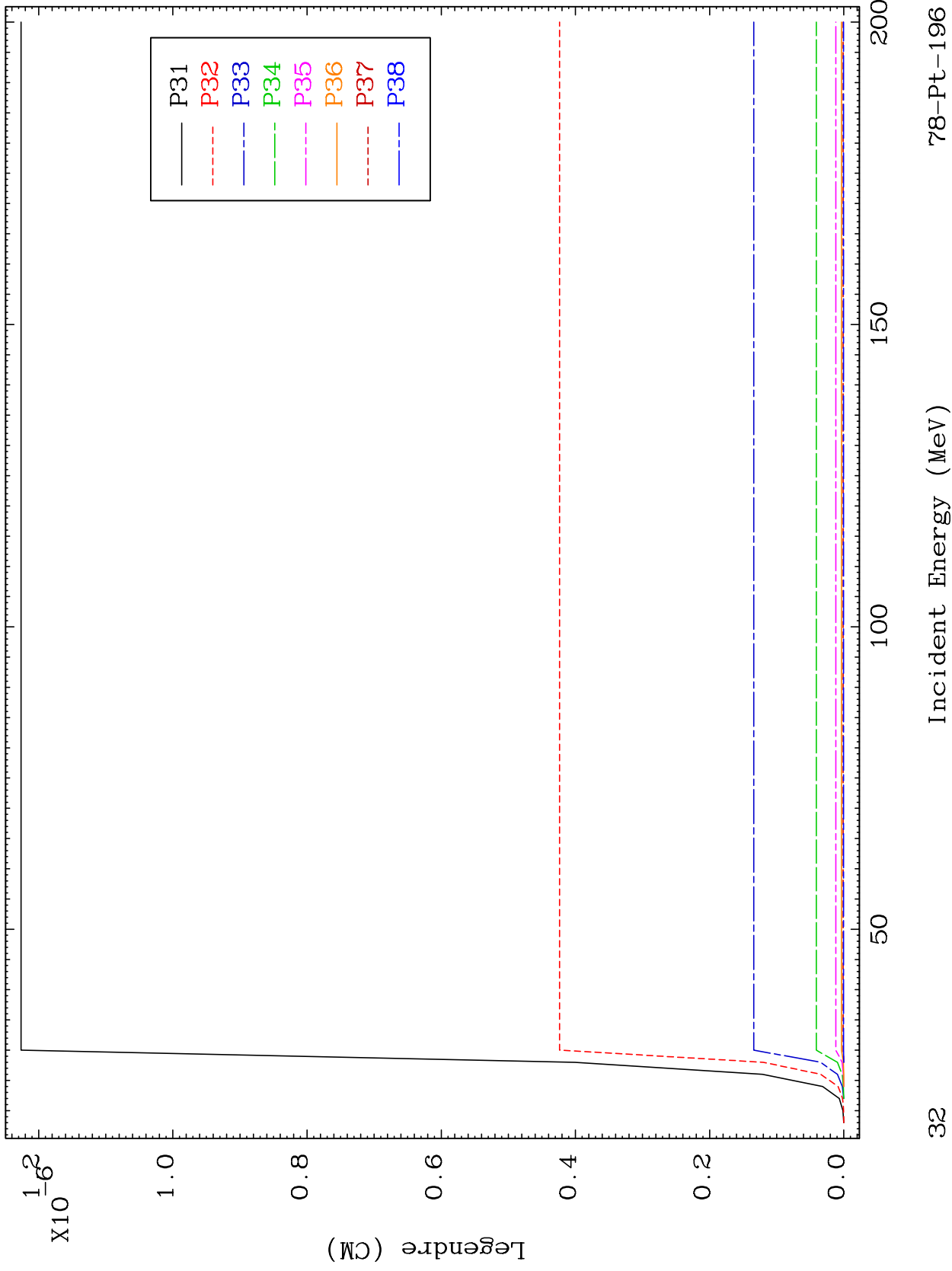


78-Pt-196

Incident Energy (MeV)

30

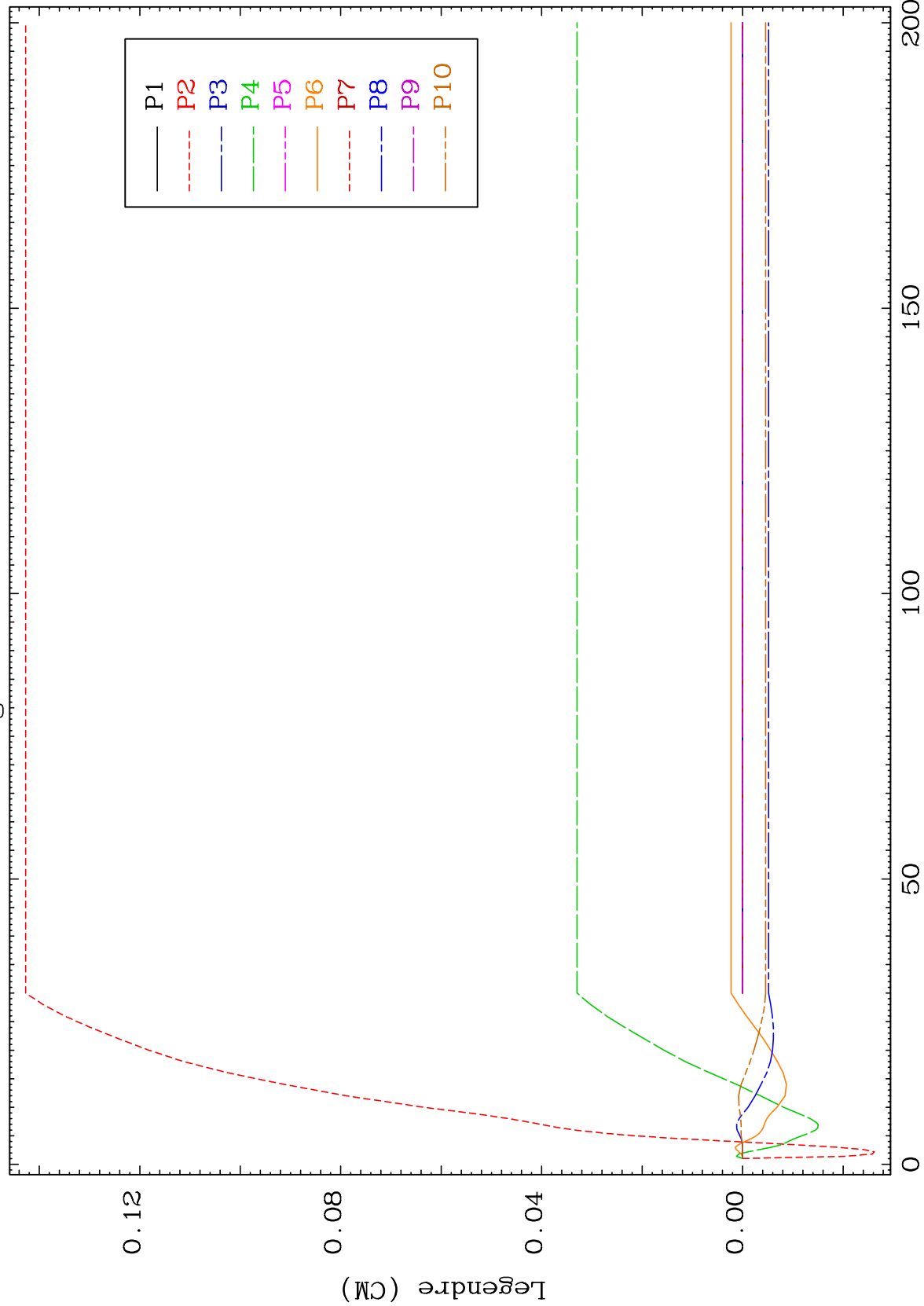




MAT 7843

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

78-Pt-196



33

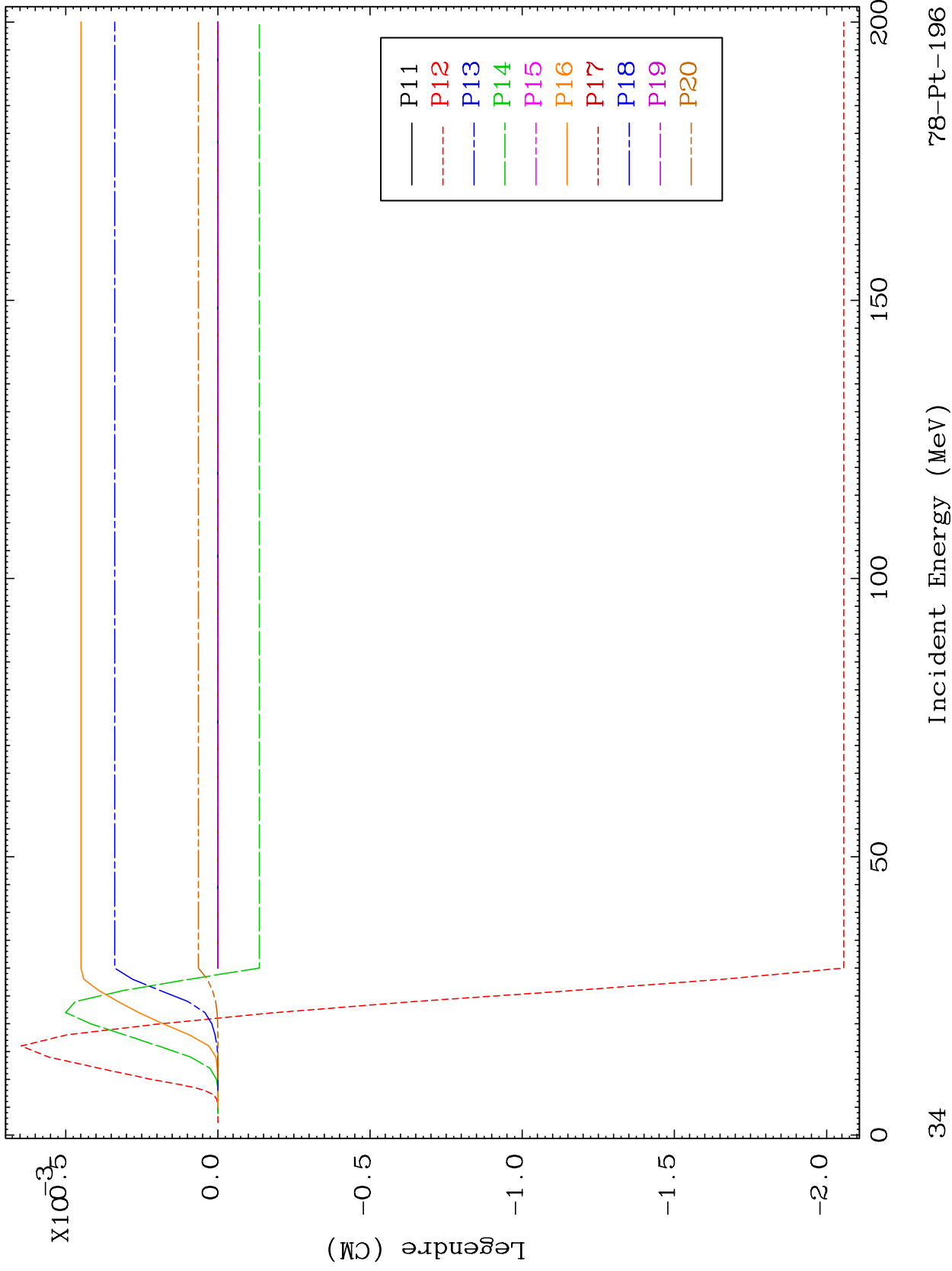
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

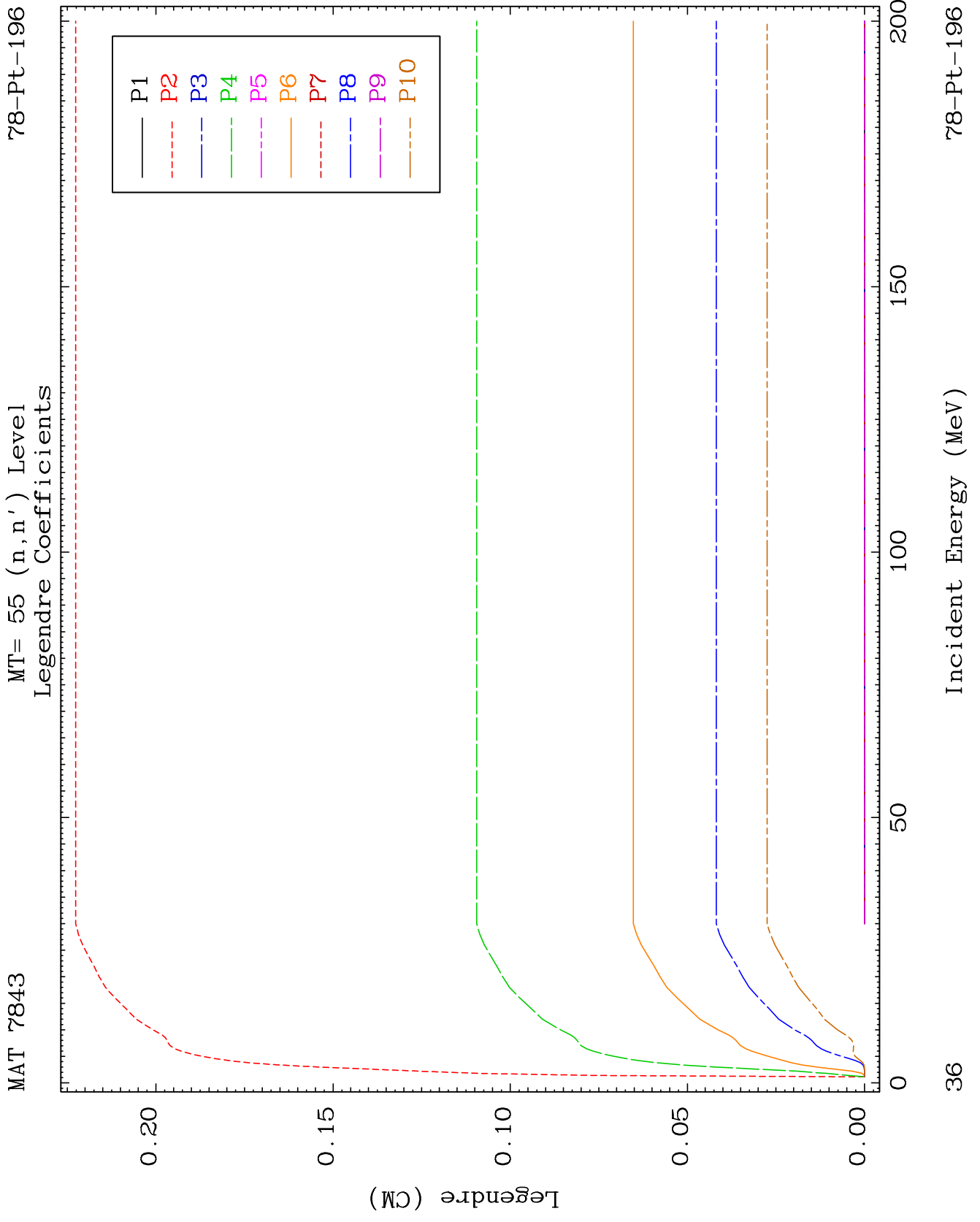
78-Pt-196



34

Incident Energy (MeV)

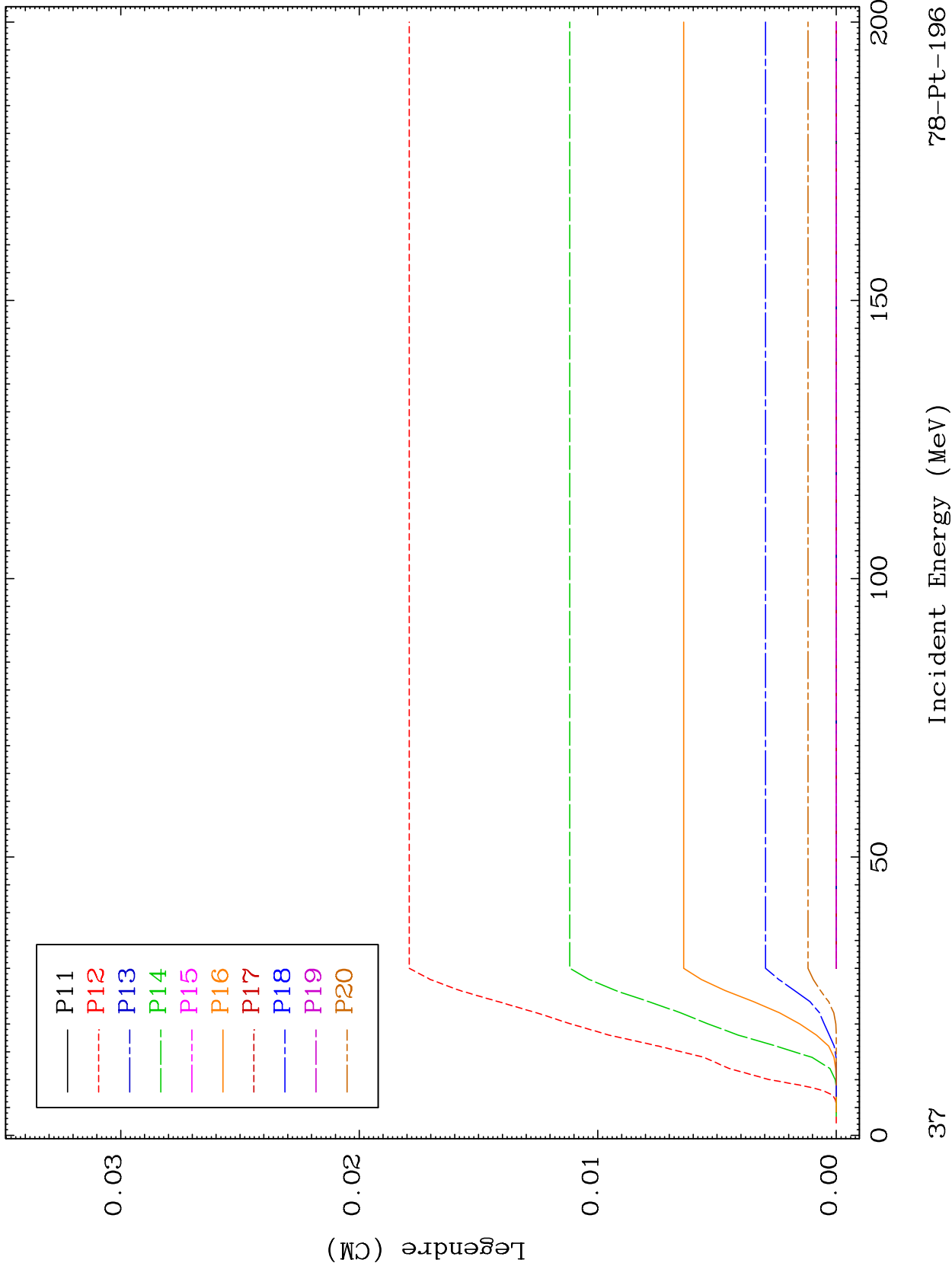
78-Pt-196



MAT 7843

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

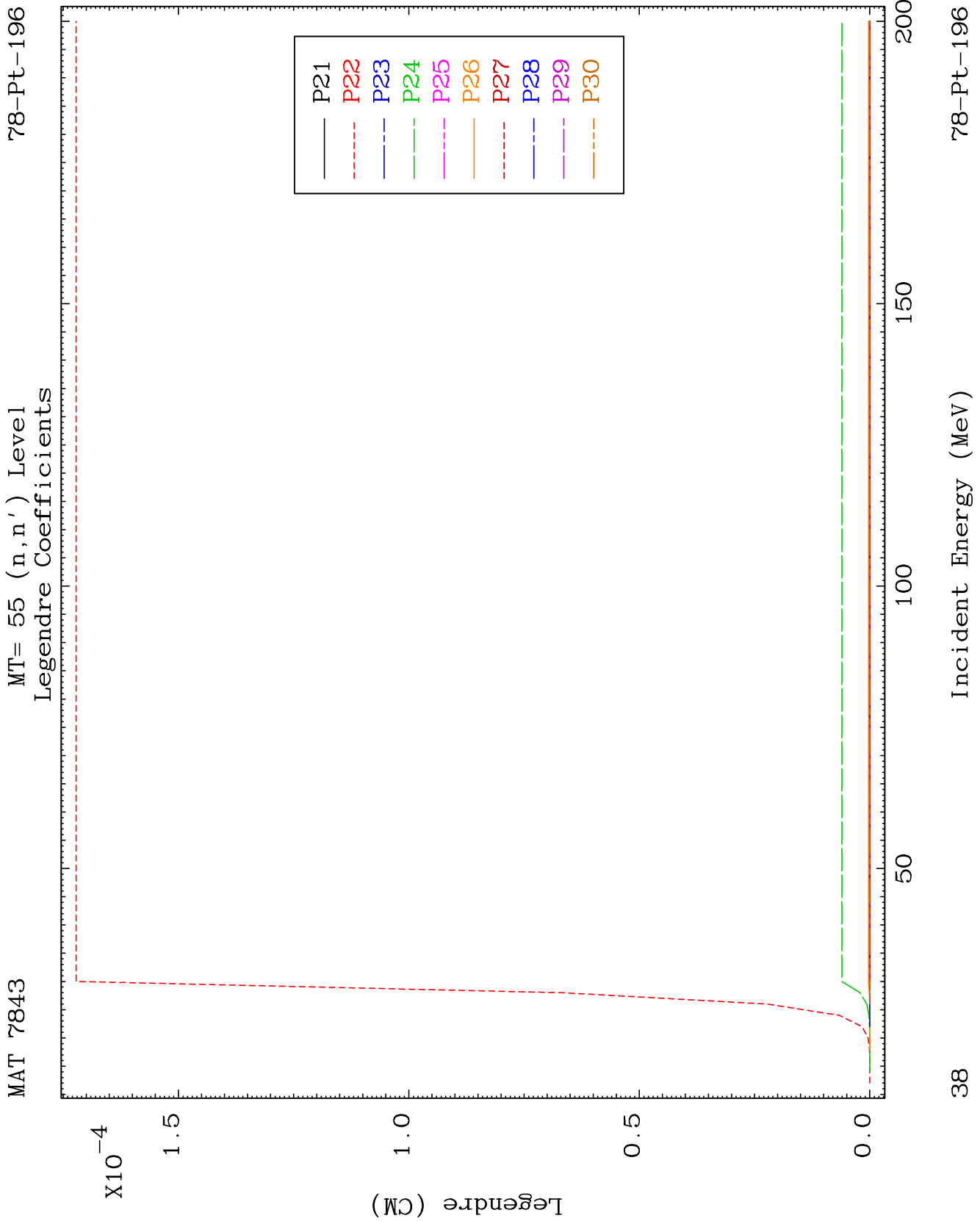
78-Pt-196



37

Incident Energy (MeV)

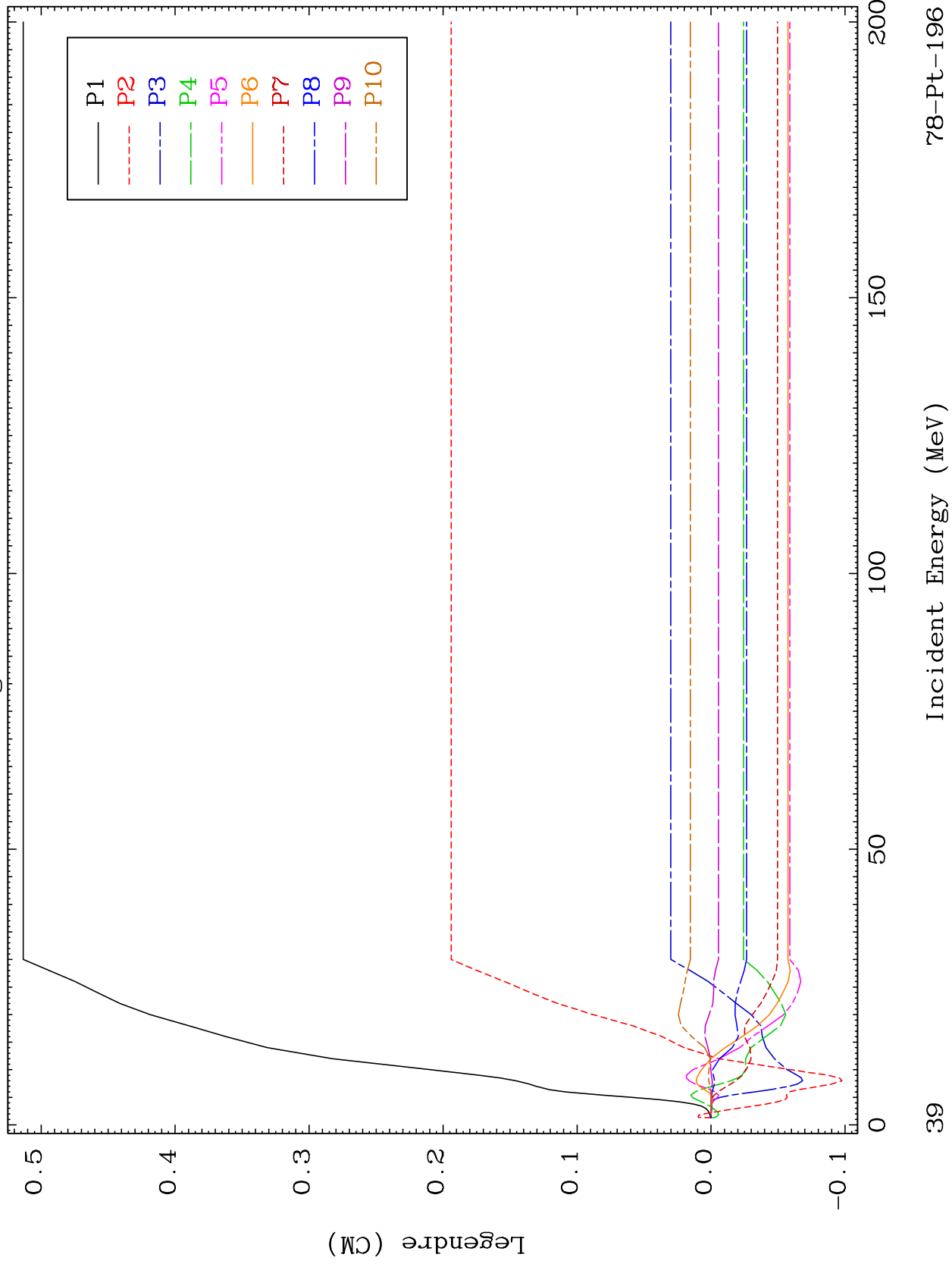
78-Pt-196



MAT 7843

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

78-Pt-196



78-Pt-196

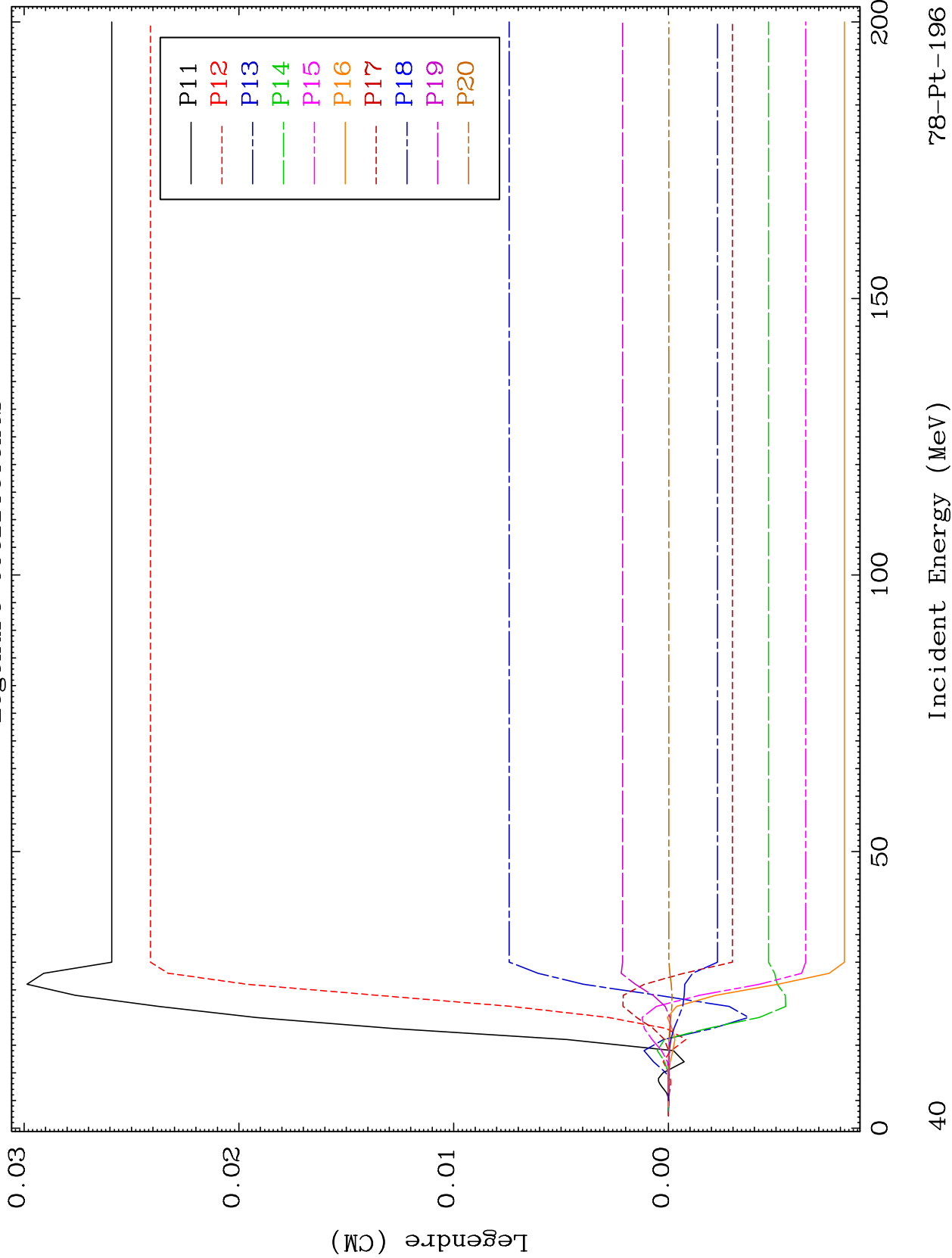
Incident Energy (MeV)

39

MAT 7843

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

78-Pt-196



78-Pt-196

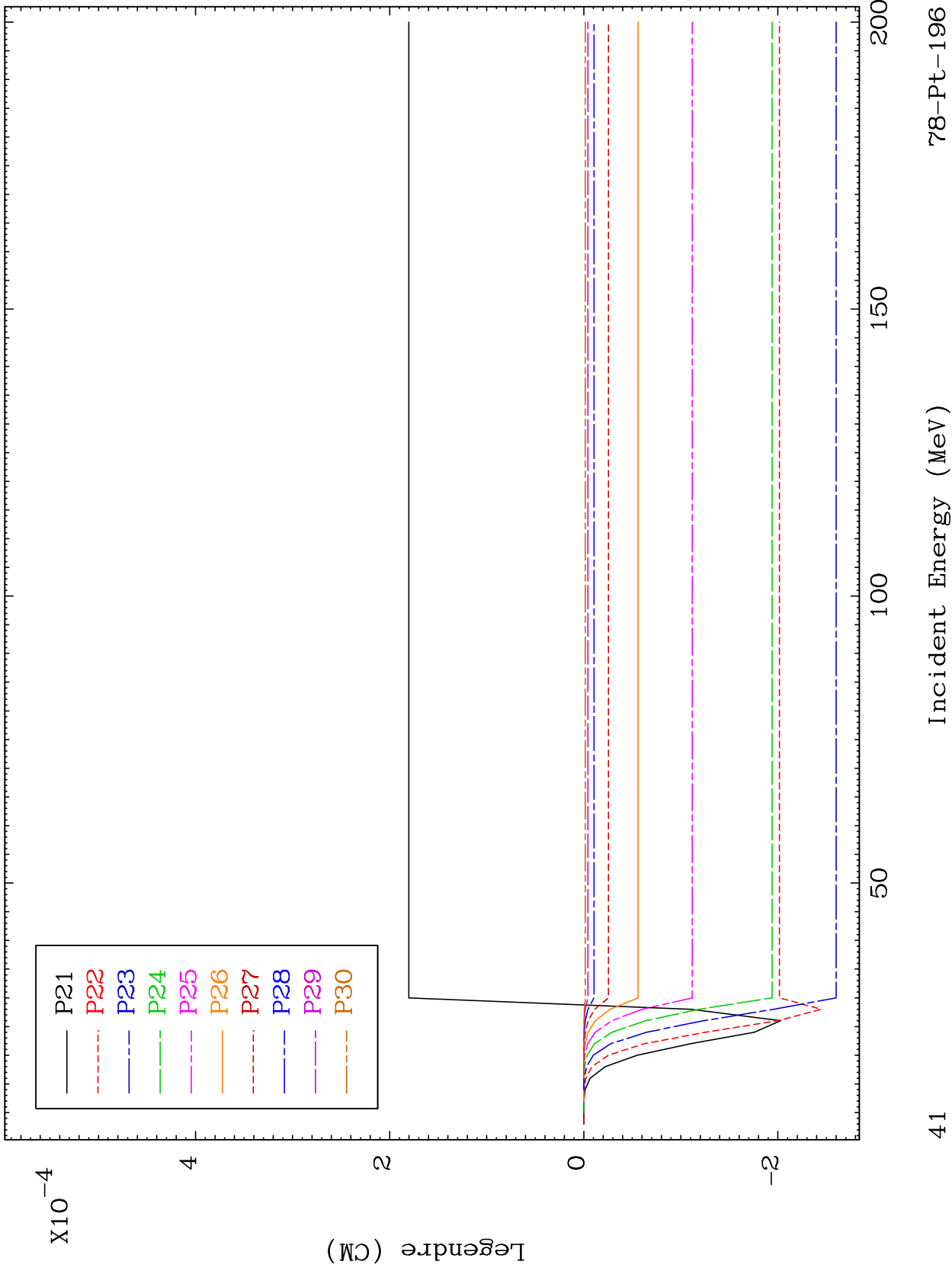
Incident Energy (MeV)

40

MAT 7843

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

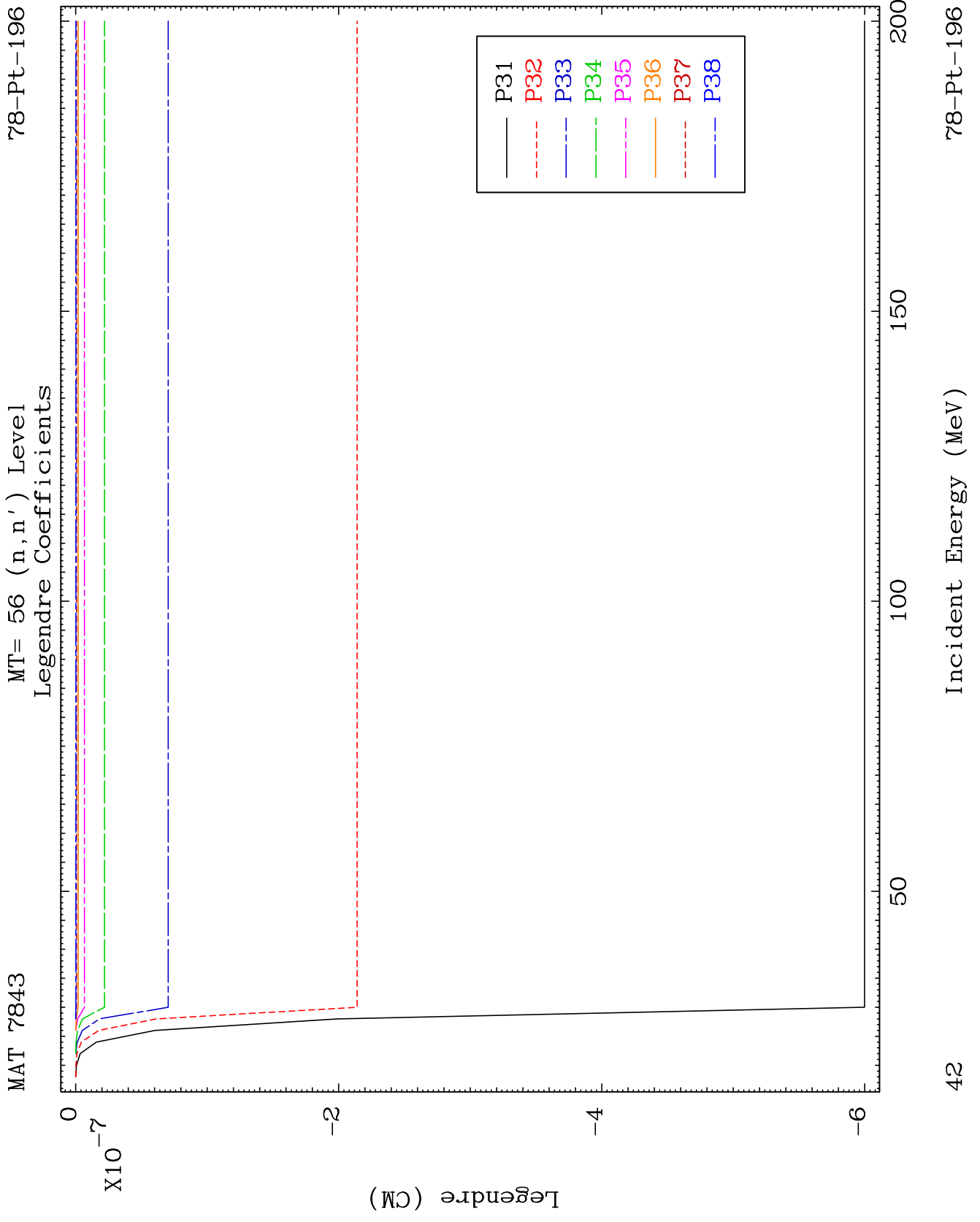
78-Pt-196



41

Incident Energy (MeV)

78-Pt-196

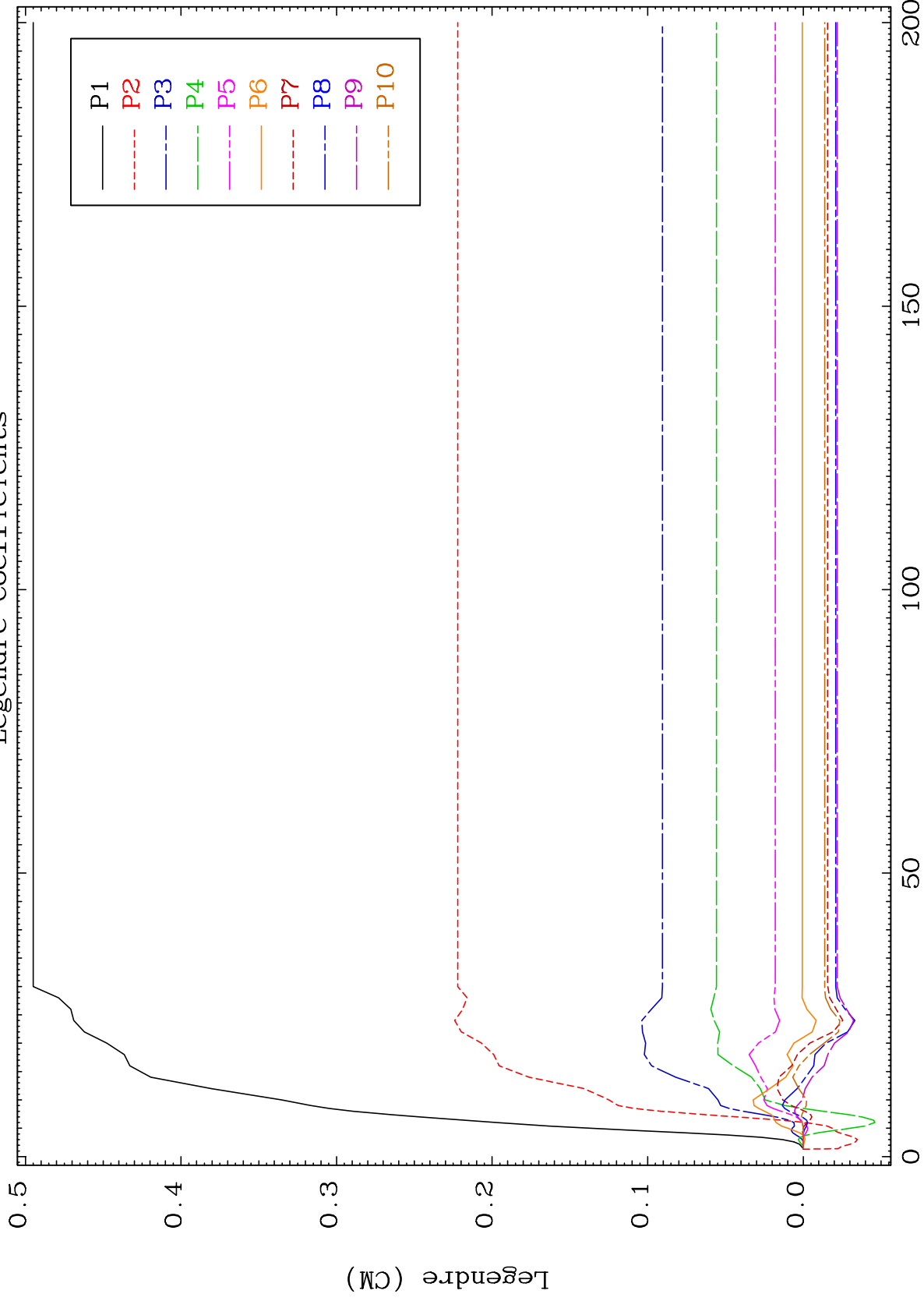


MAT 7843

MT= 57 (n,n') Level

78-Pt-196

Legendre Coefficients



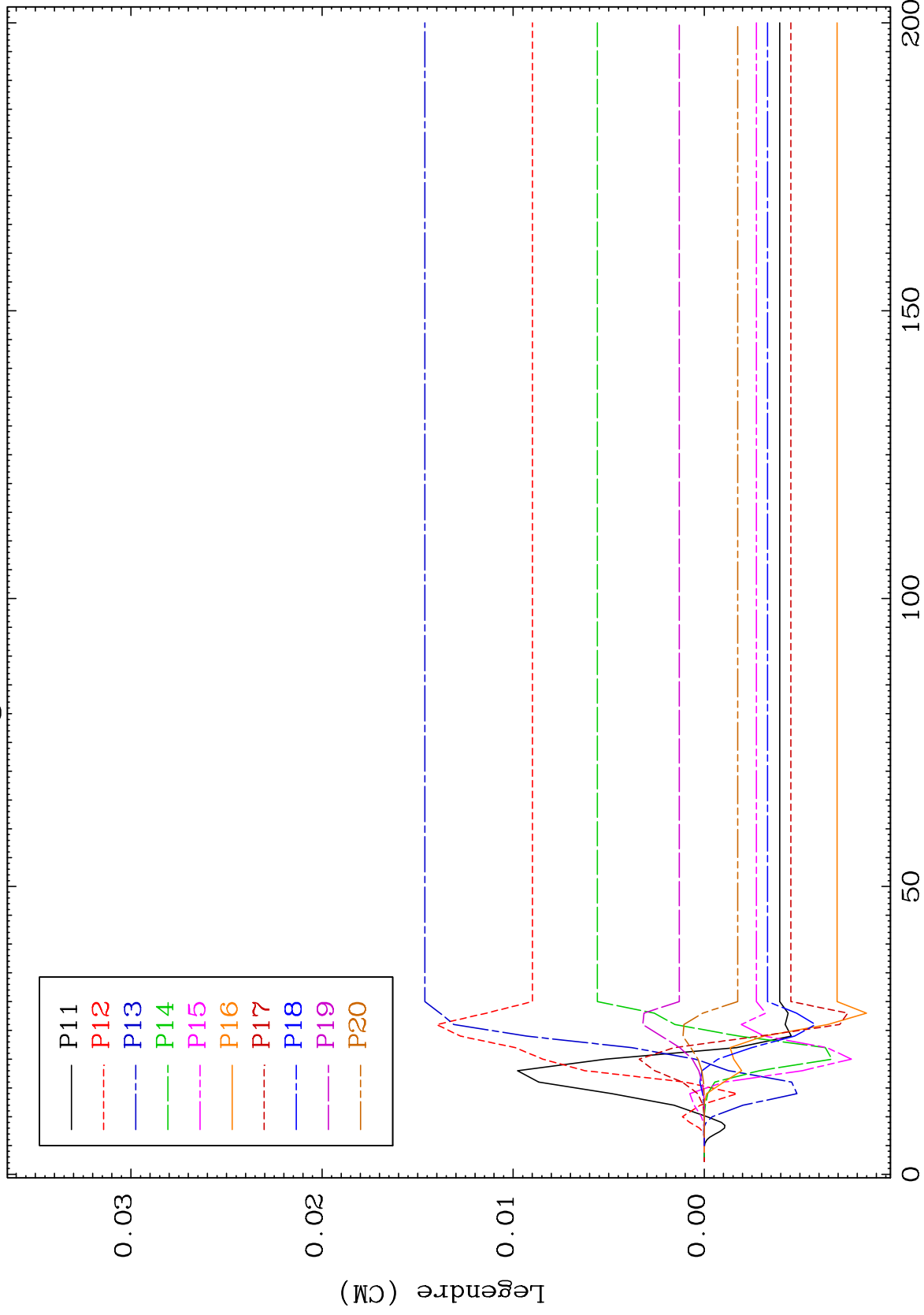
43

78-Pt-196

MAT 7843

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

78-Pt-196



44

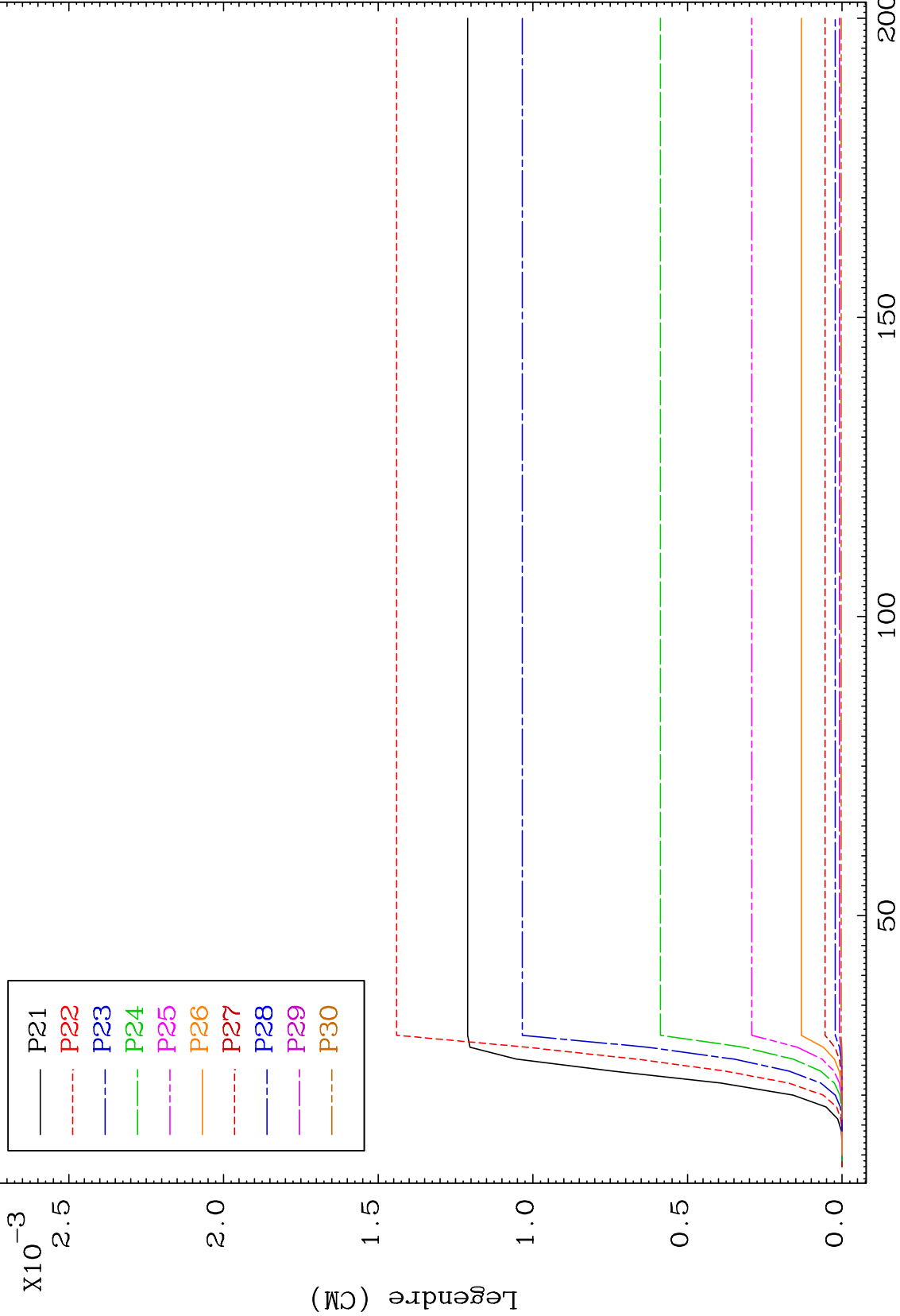
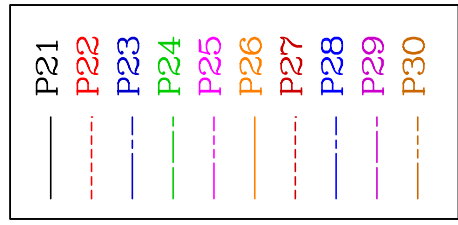
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



45

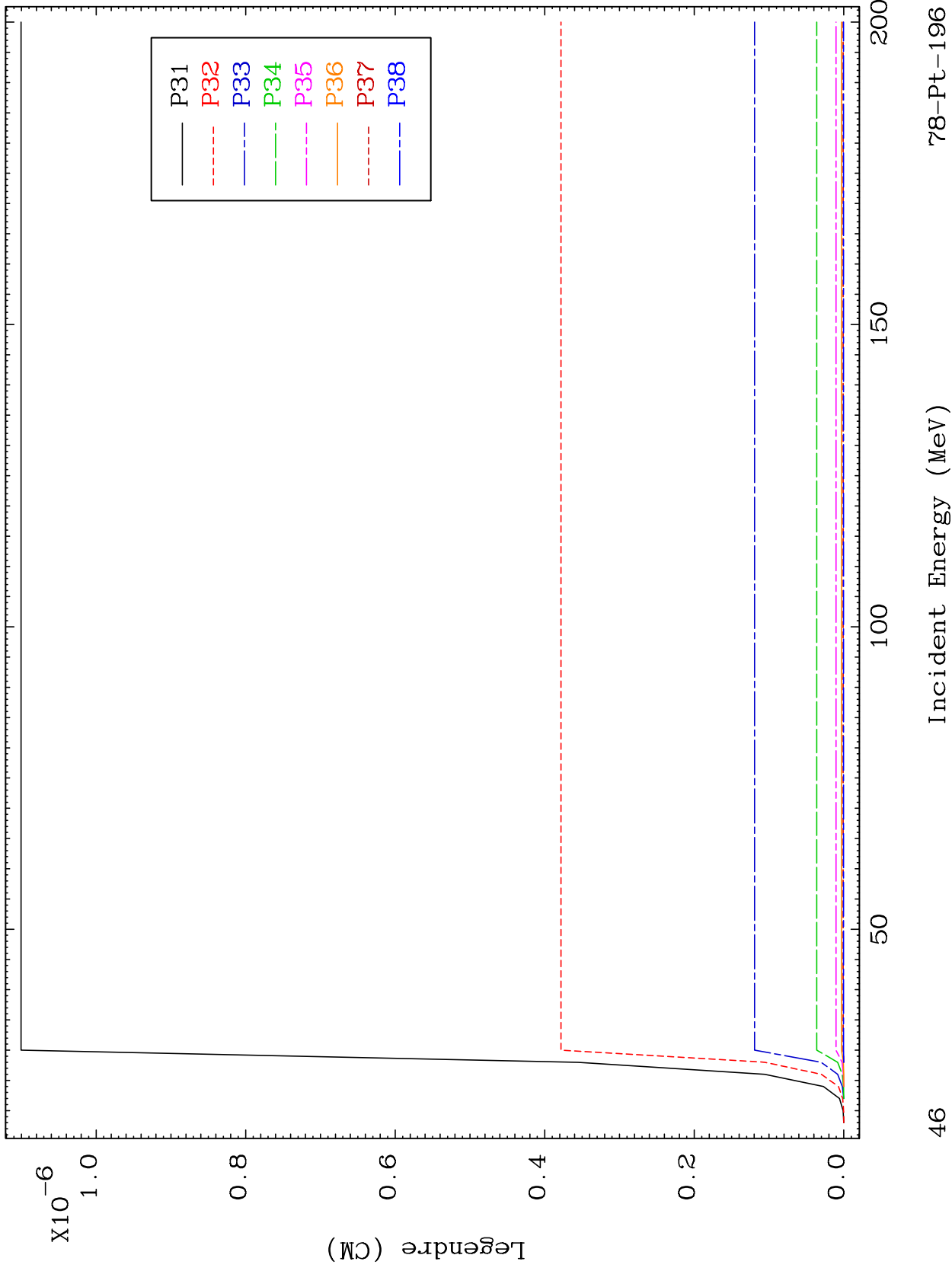
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



46

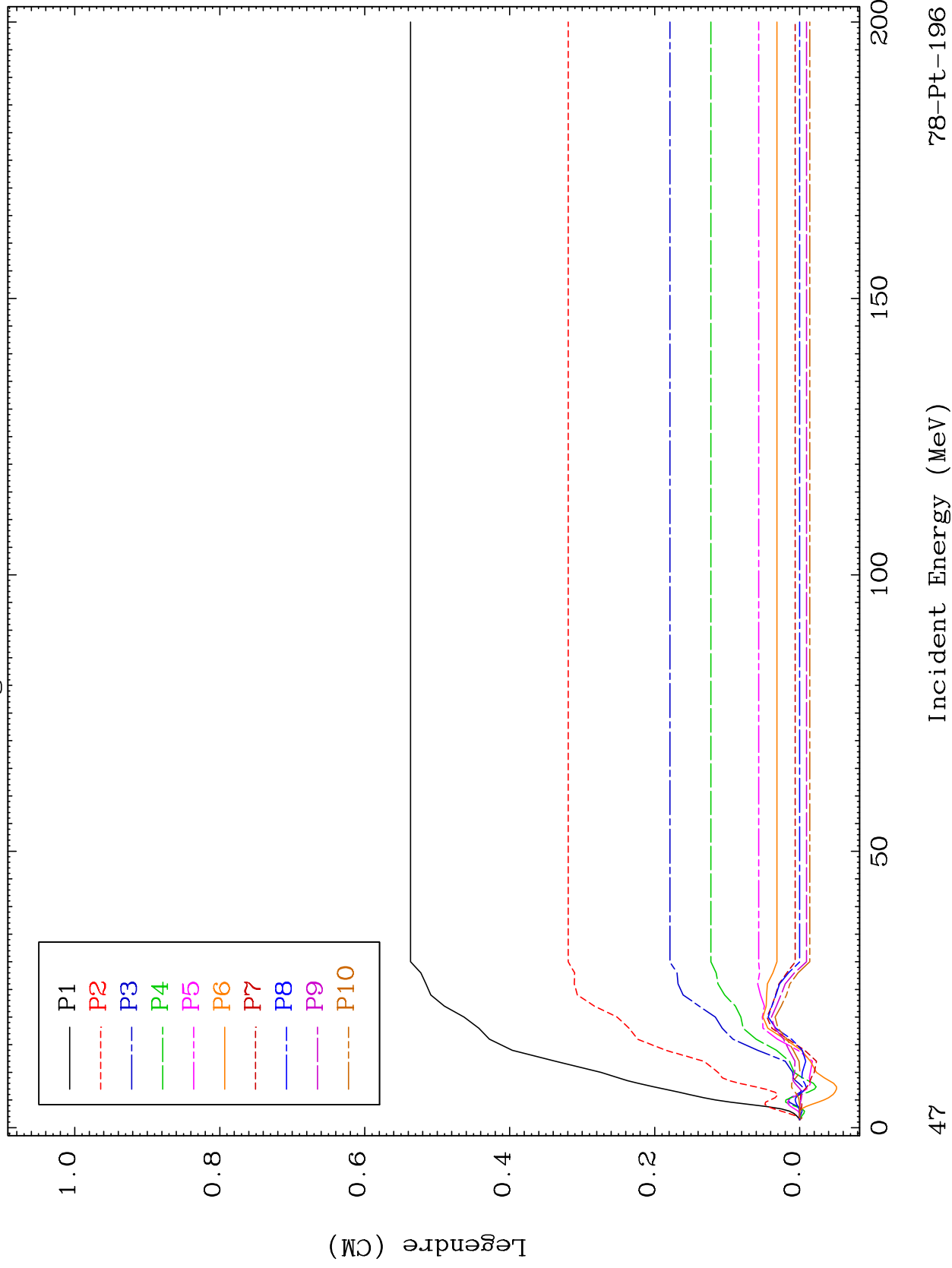
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

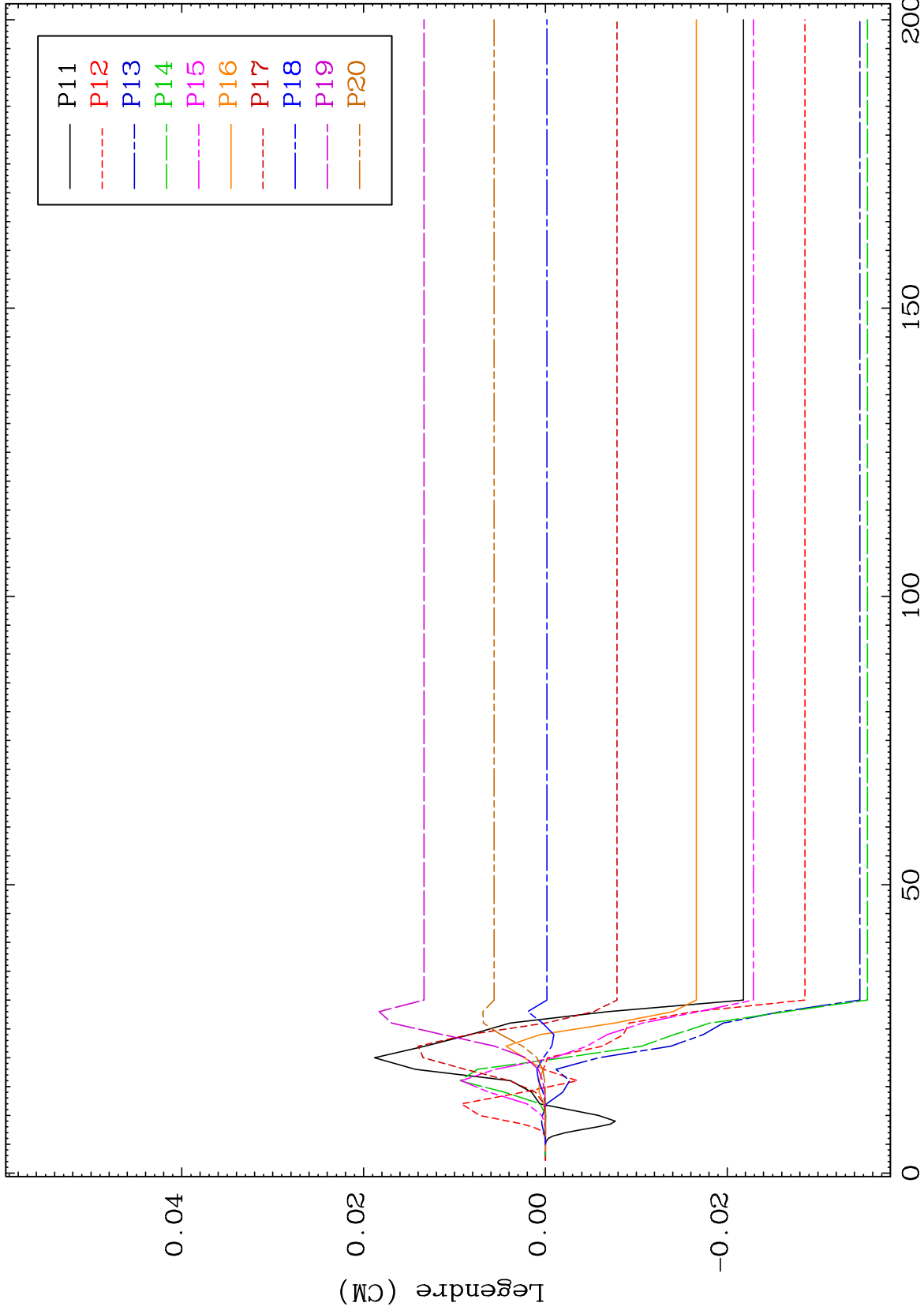
78-Pt-196



MAT 7843

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

78-Pt-196



48

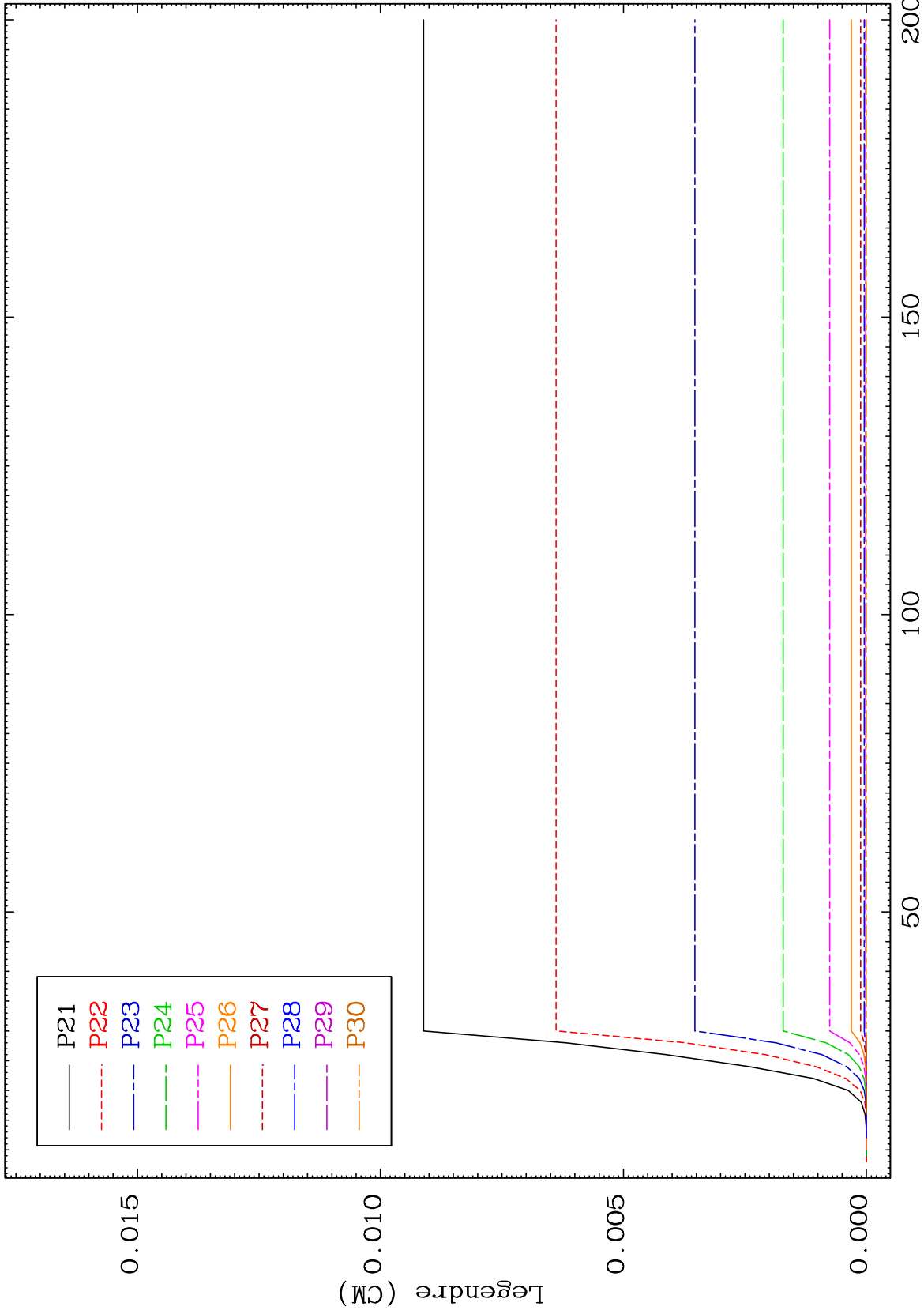
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



49

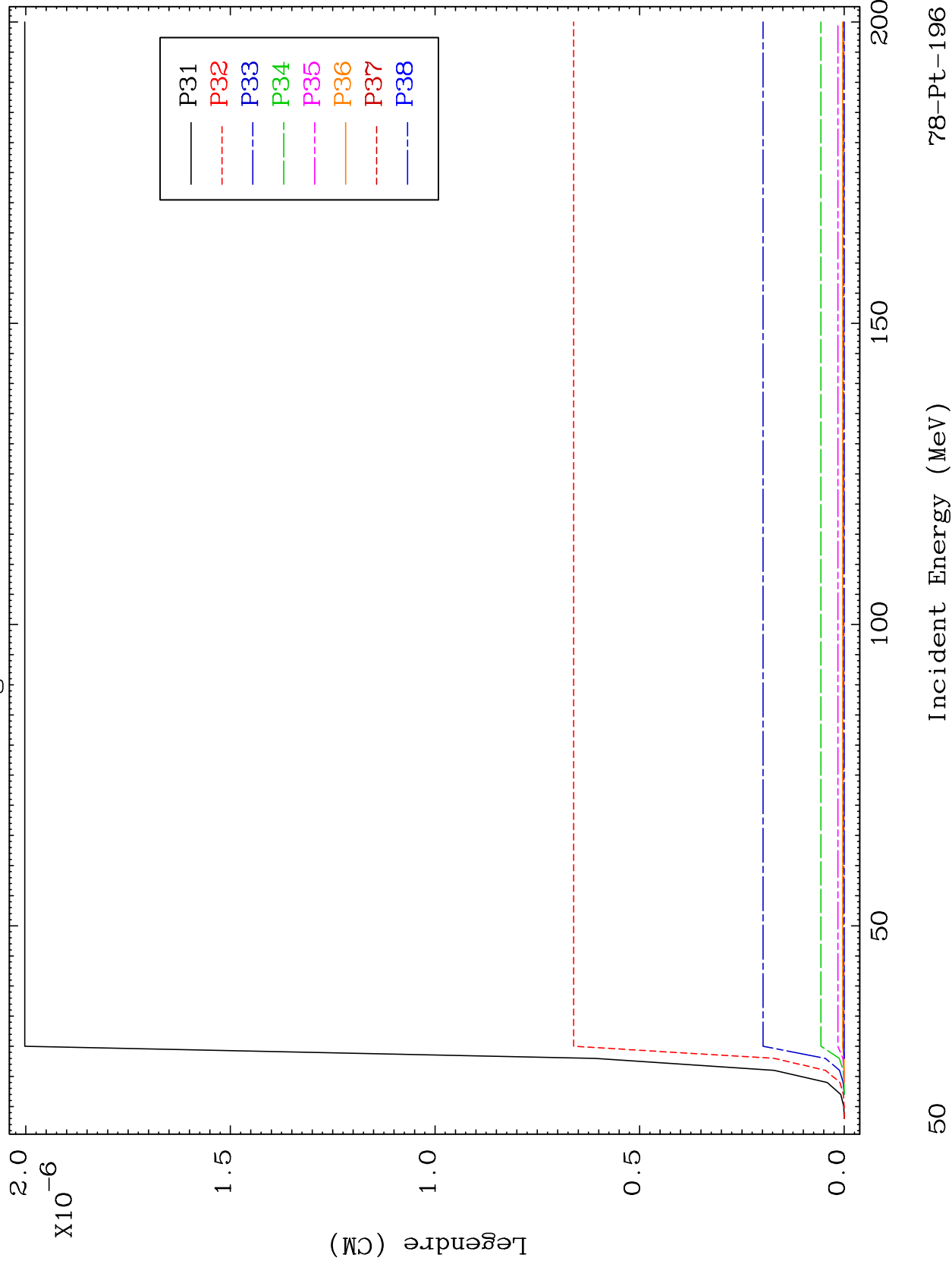
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

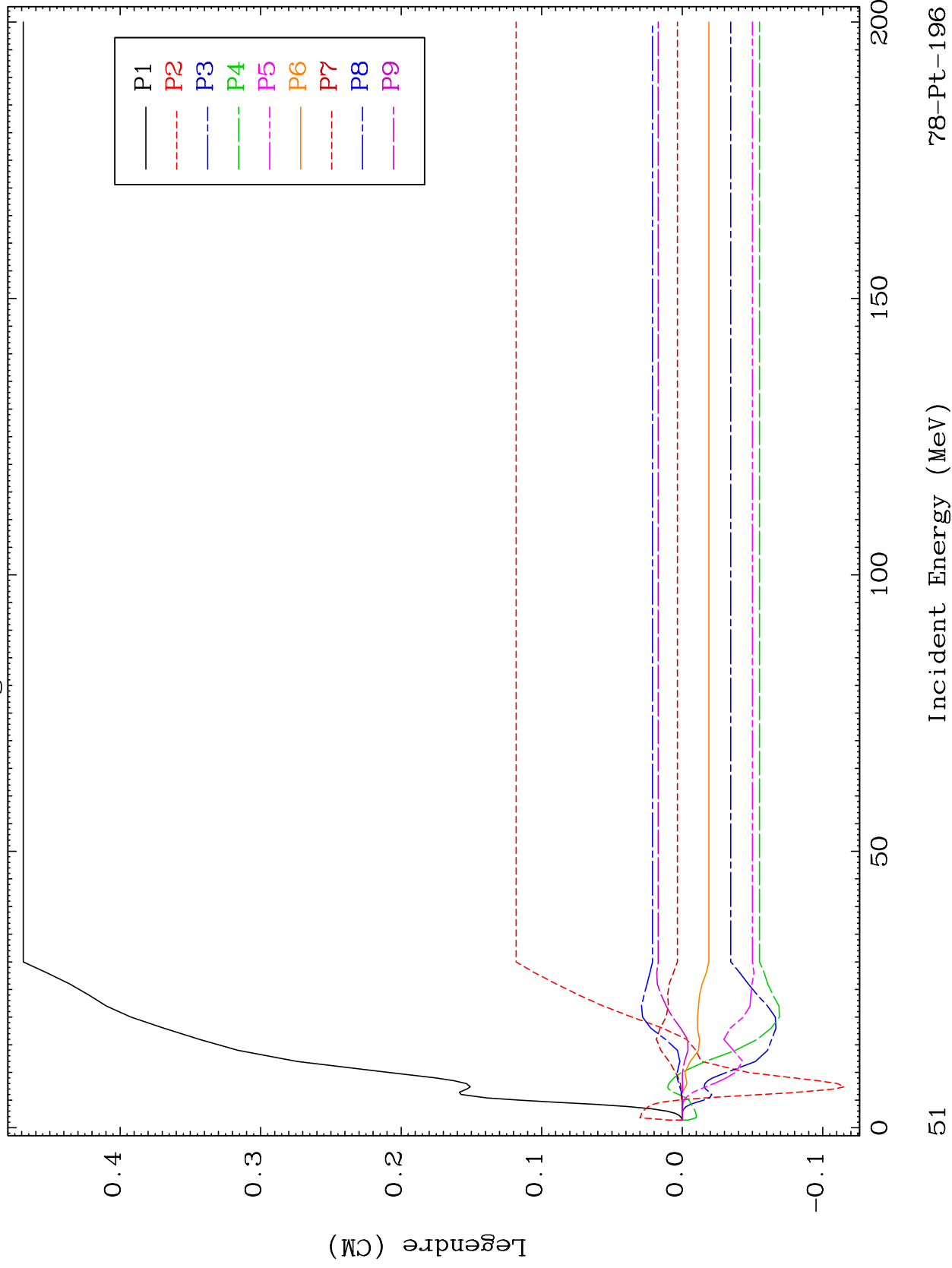
78-Pt-196



MAT 7843

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

78-Pt-196



78-Pt-196

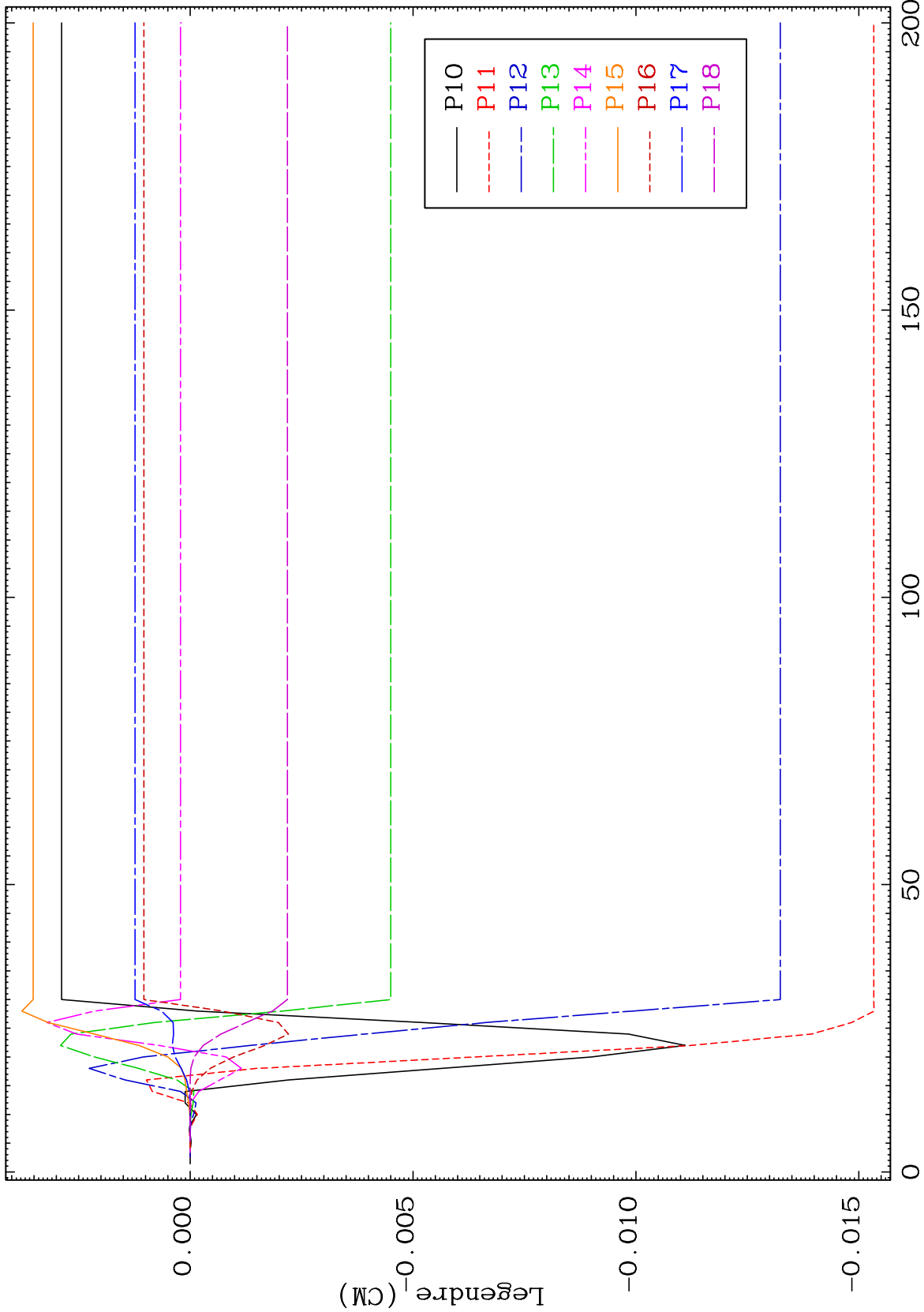
Incident Energy (MeV)

51

MAT 7843

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

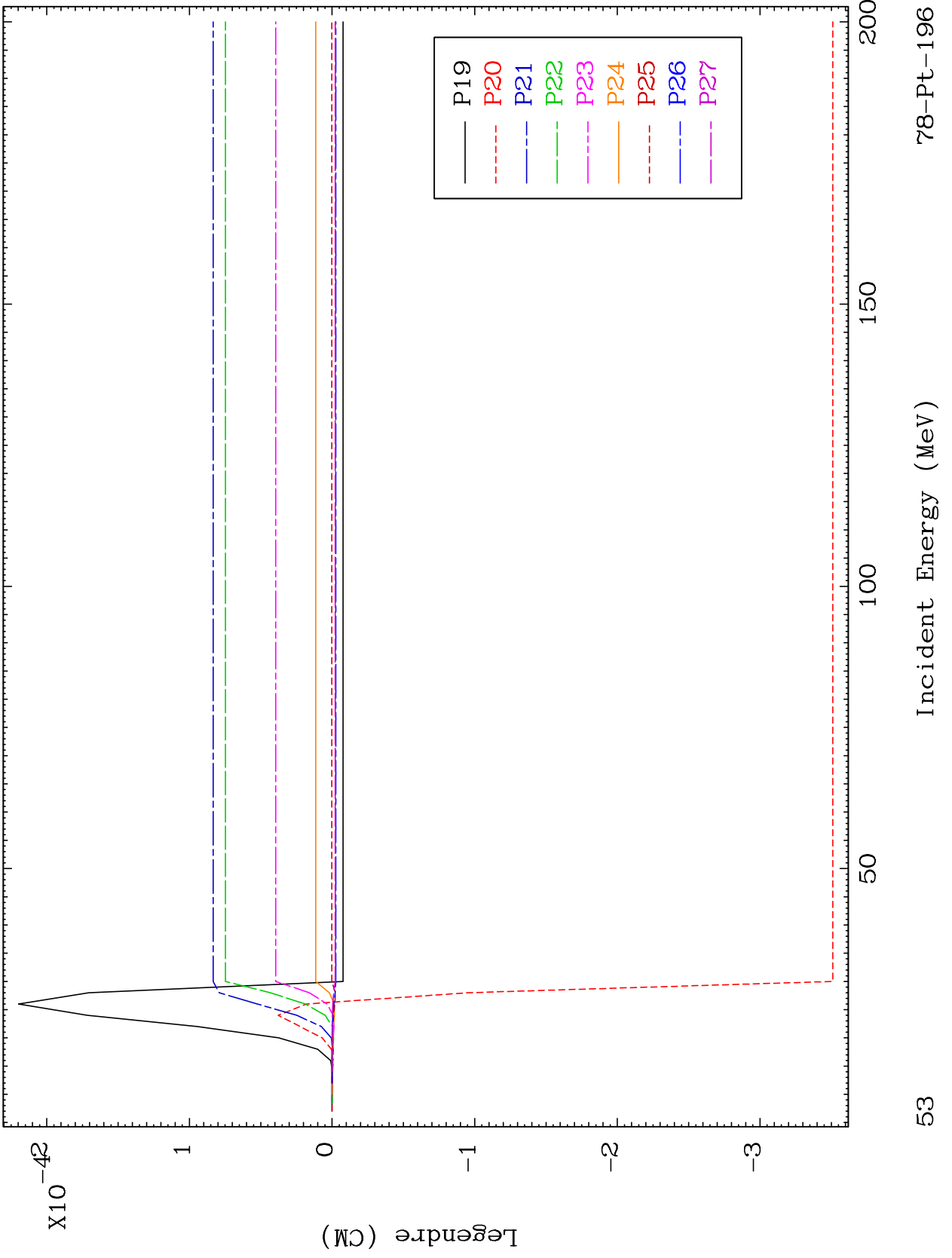
78-Pt-196



52

Incident Energy (MeV)

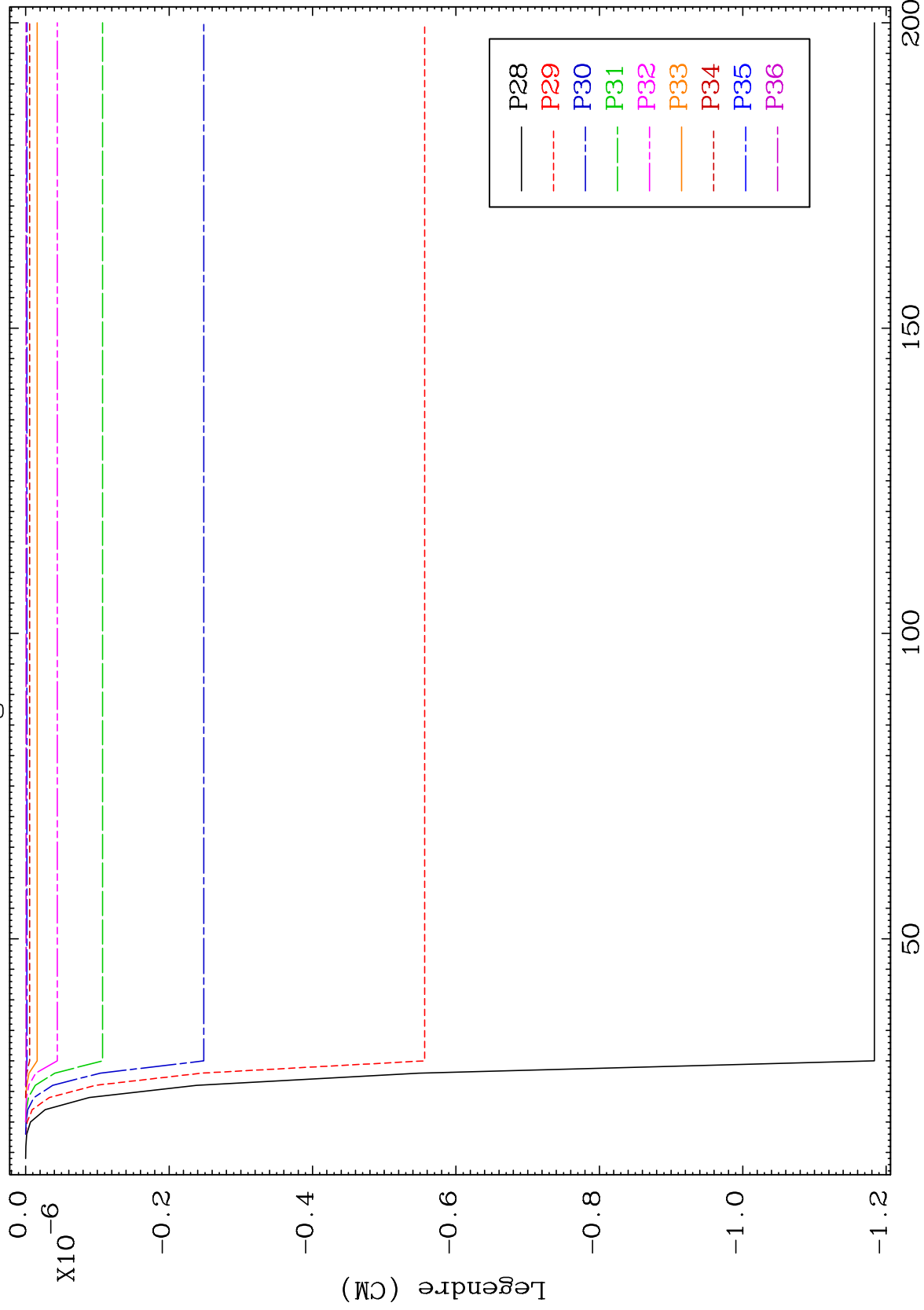
78-Pt-196



MAT 7843

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

78-Pt-196



54

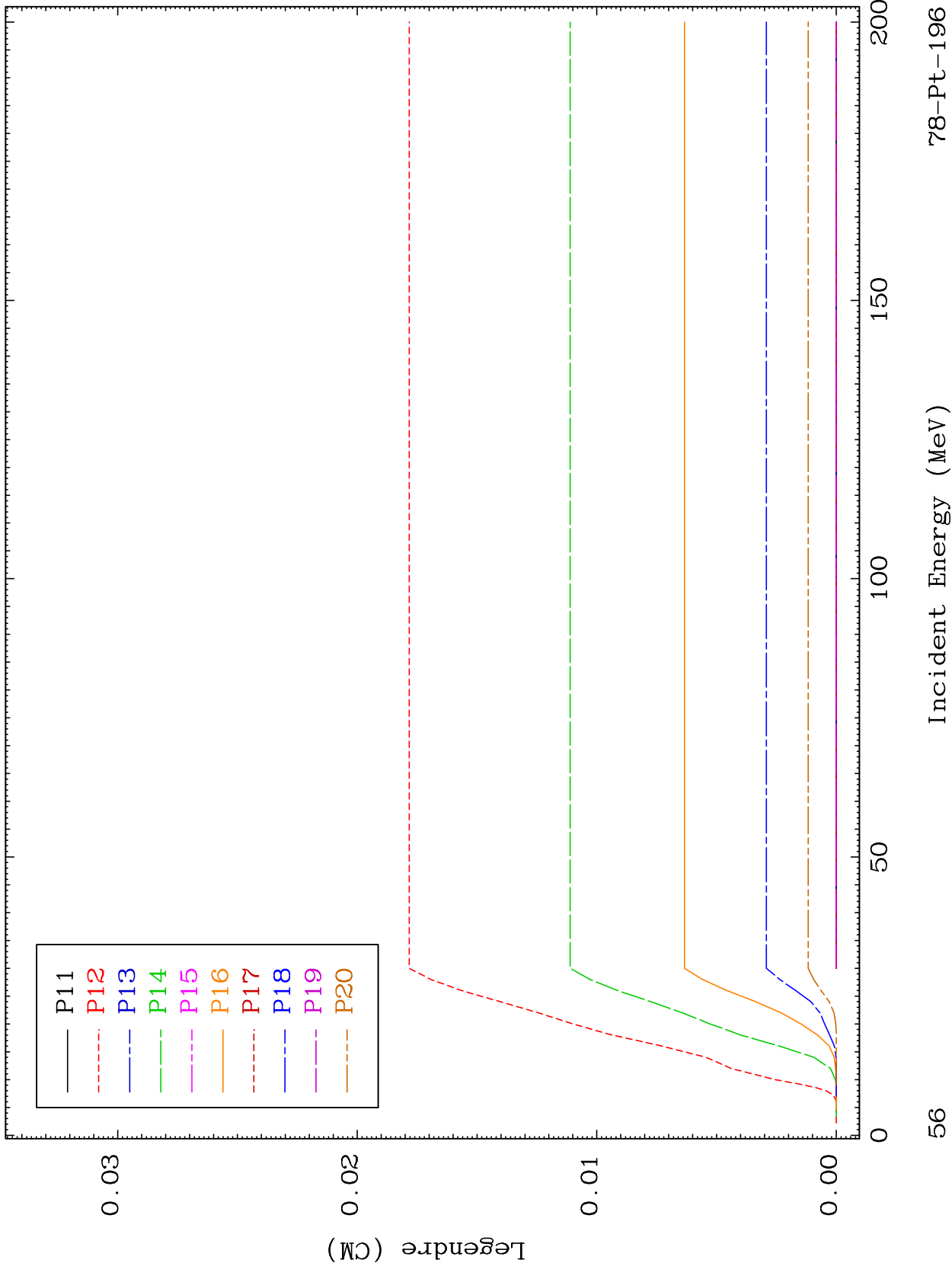
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

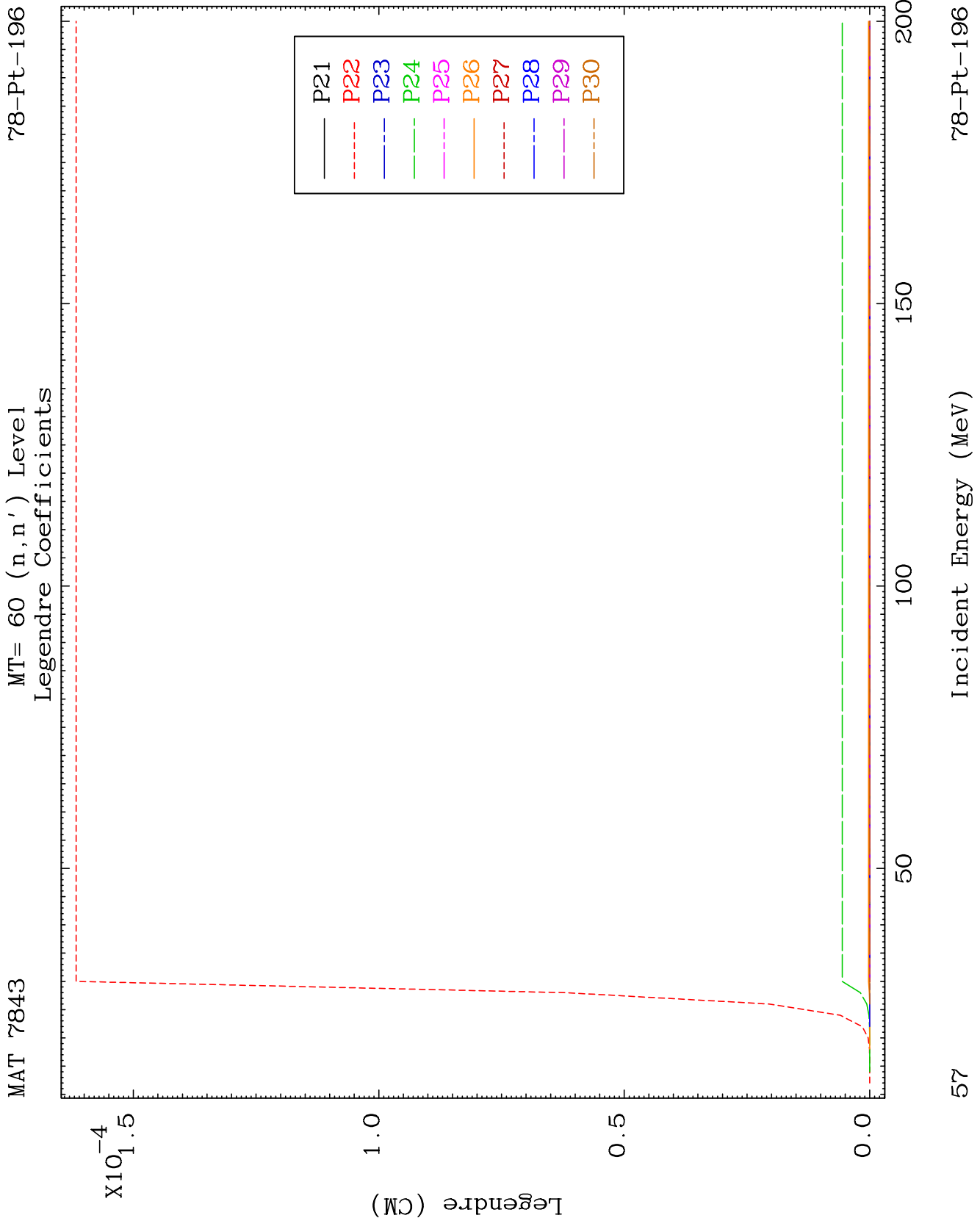
78-Pt-196



56

Incident Energy (MeV)

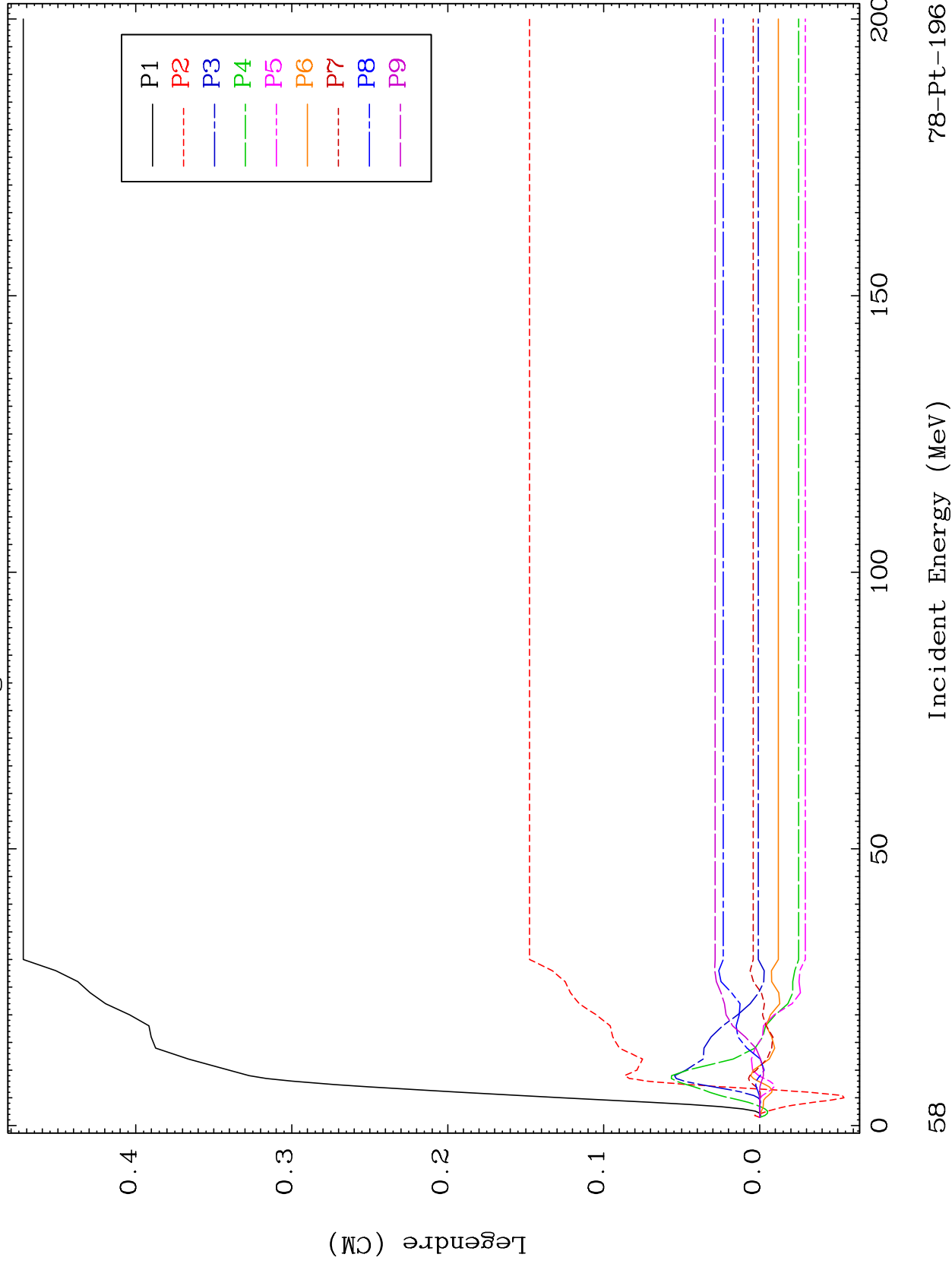
78-Pt-196



MAT 7843

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

78-Pt-196



78-Pt-196

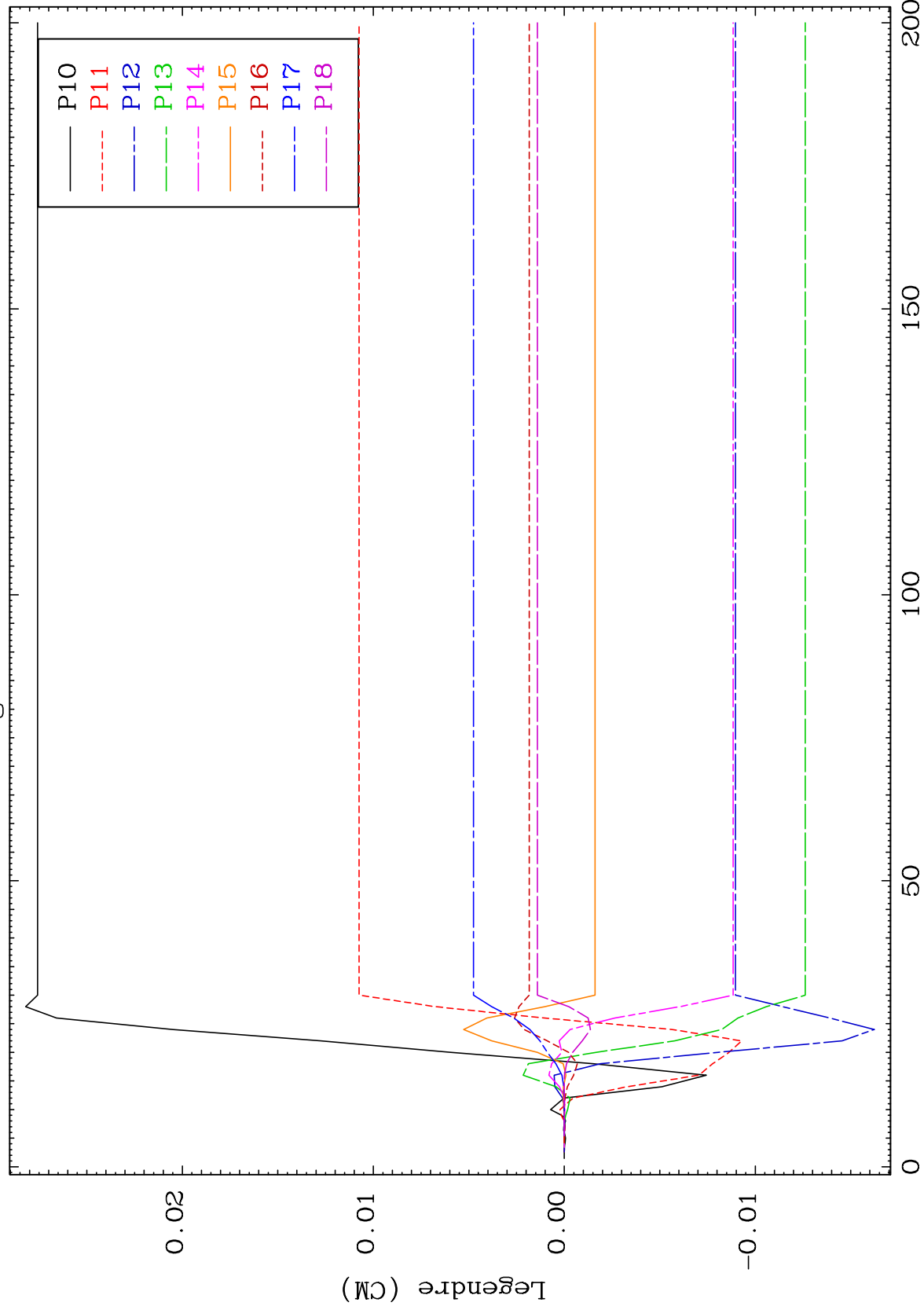
Incident Energy (MeV)

58

MAT 7843

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

78-Pt-196



59

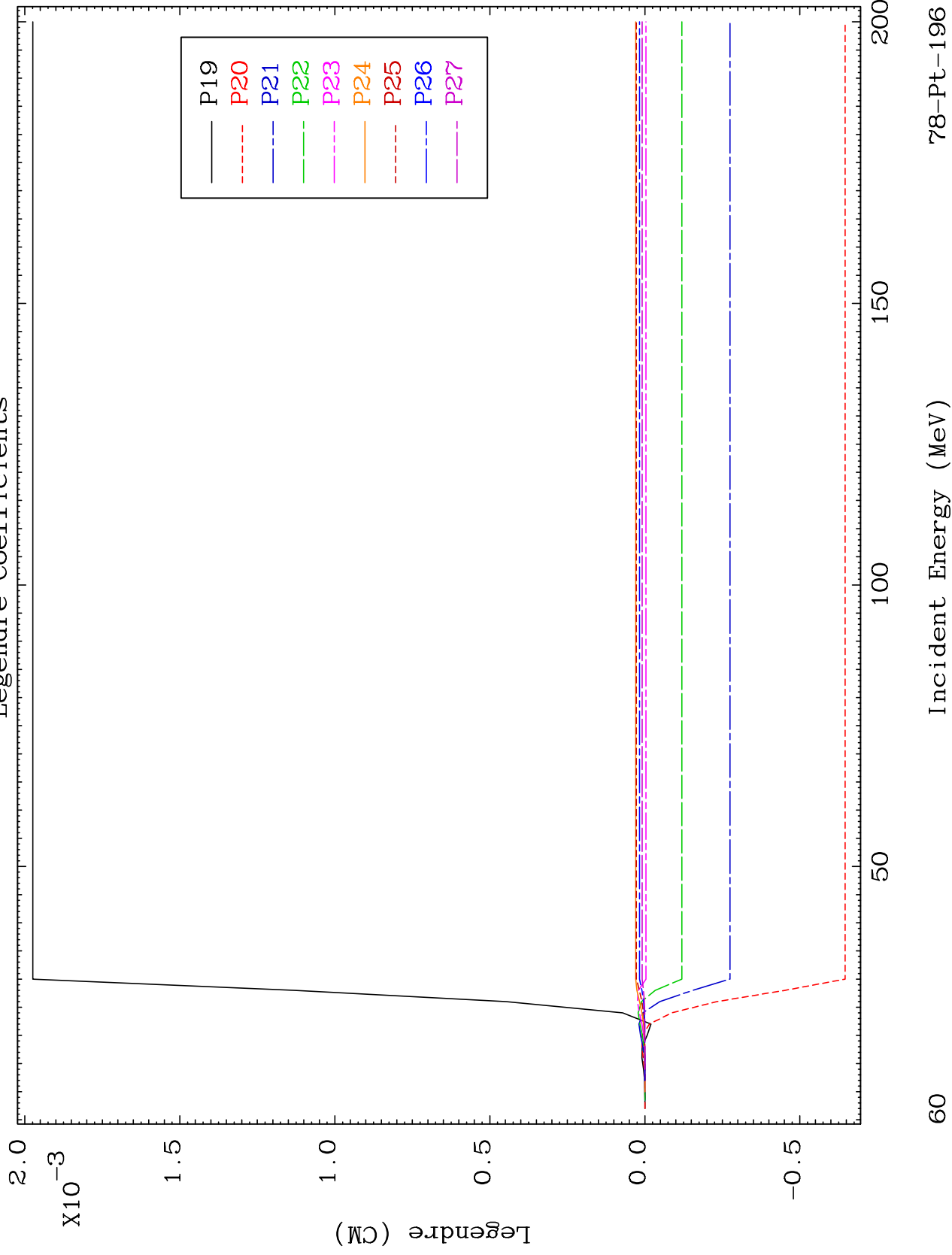
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



78-Pt-196

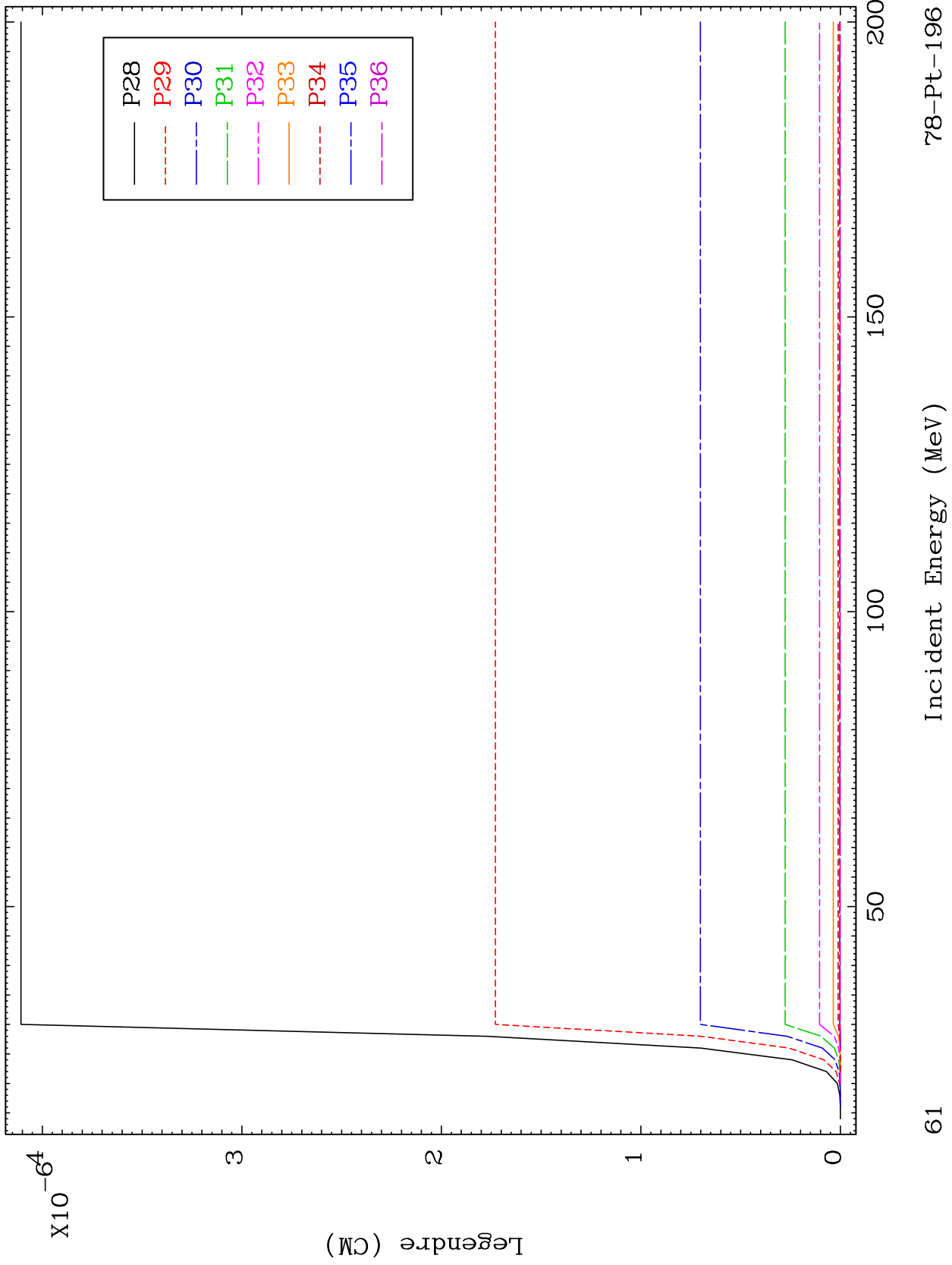
Incident Energy (MeV)

60

MAT 7843

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

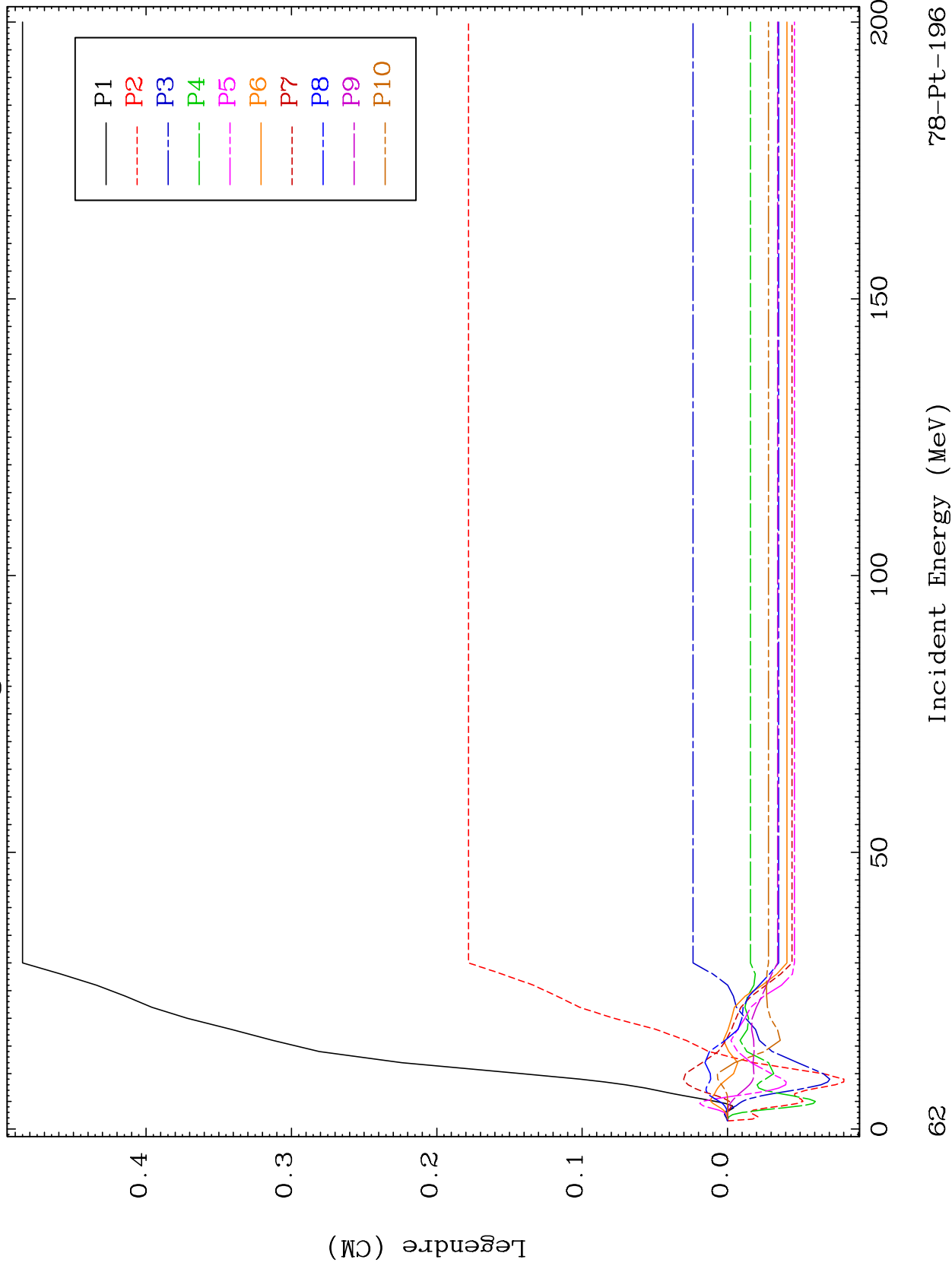
78-Pt-196



MAT 7843

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

78-Pt-196



78-Pt-196

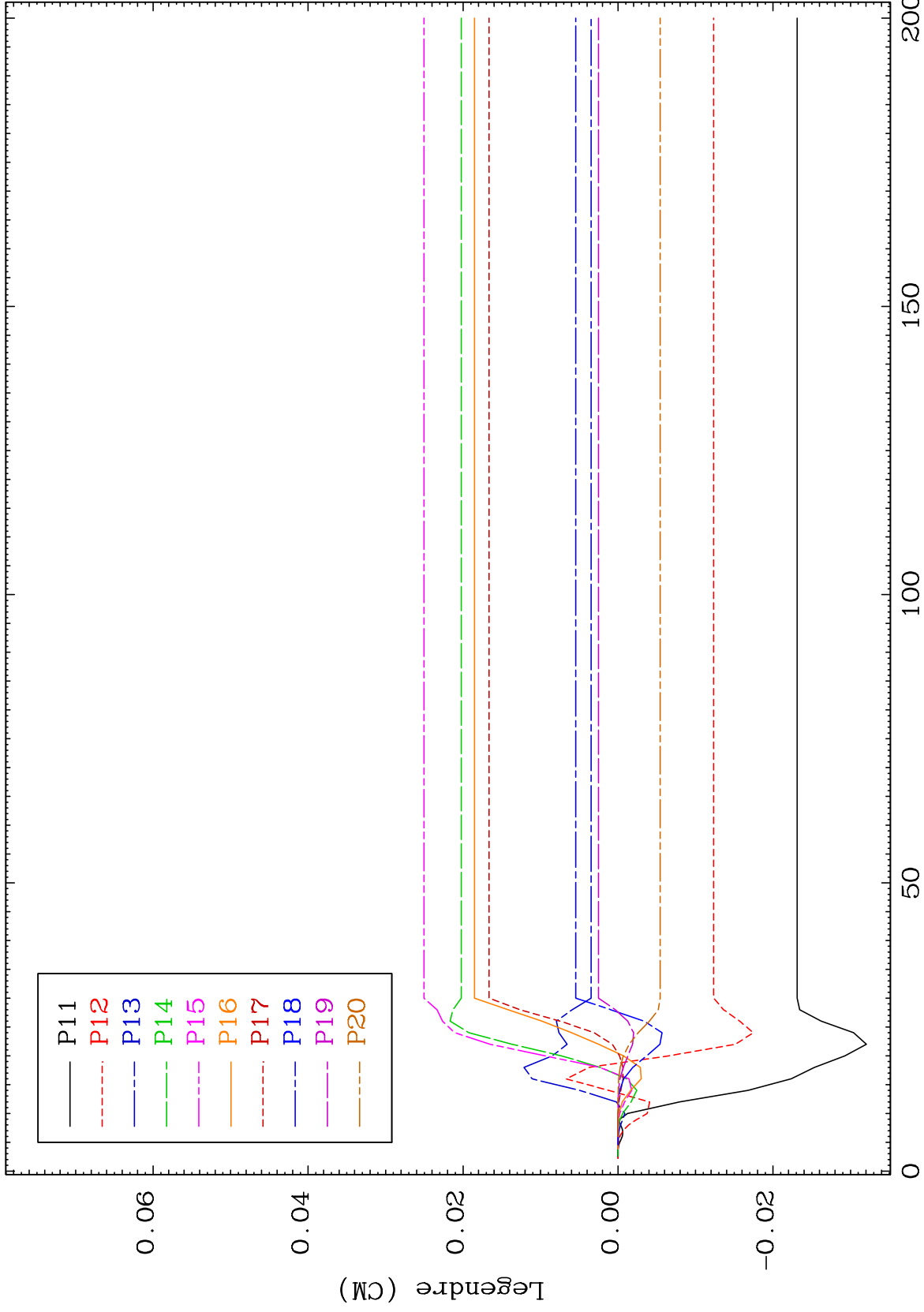
Incident Energy (MeV)

62

MAT 7843

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

78-Pt-196



63

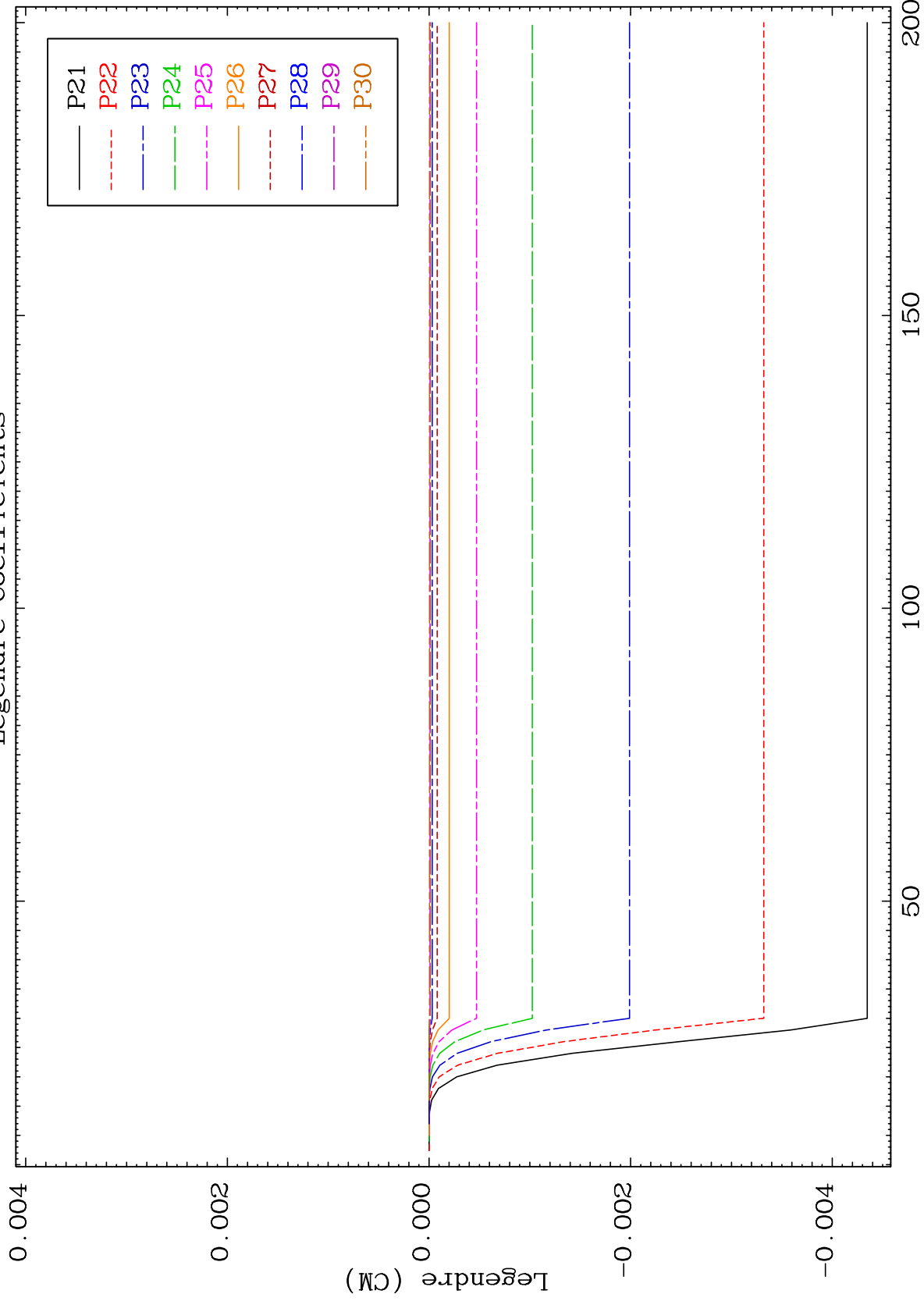
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

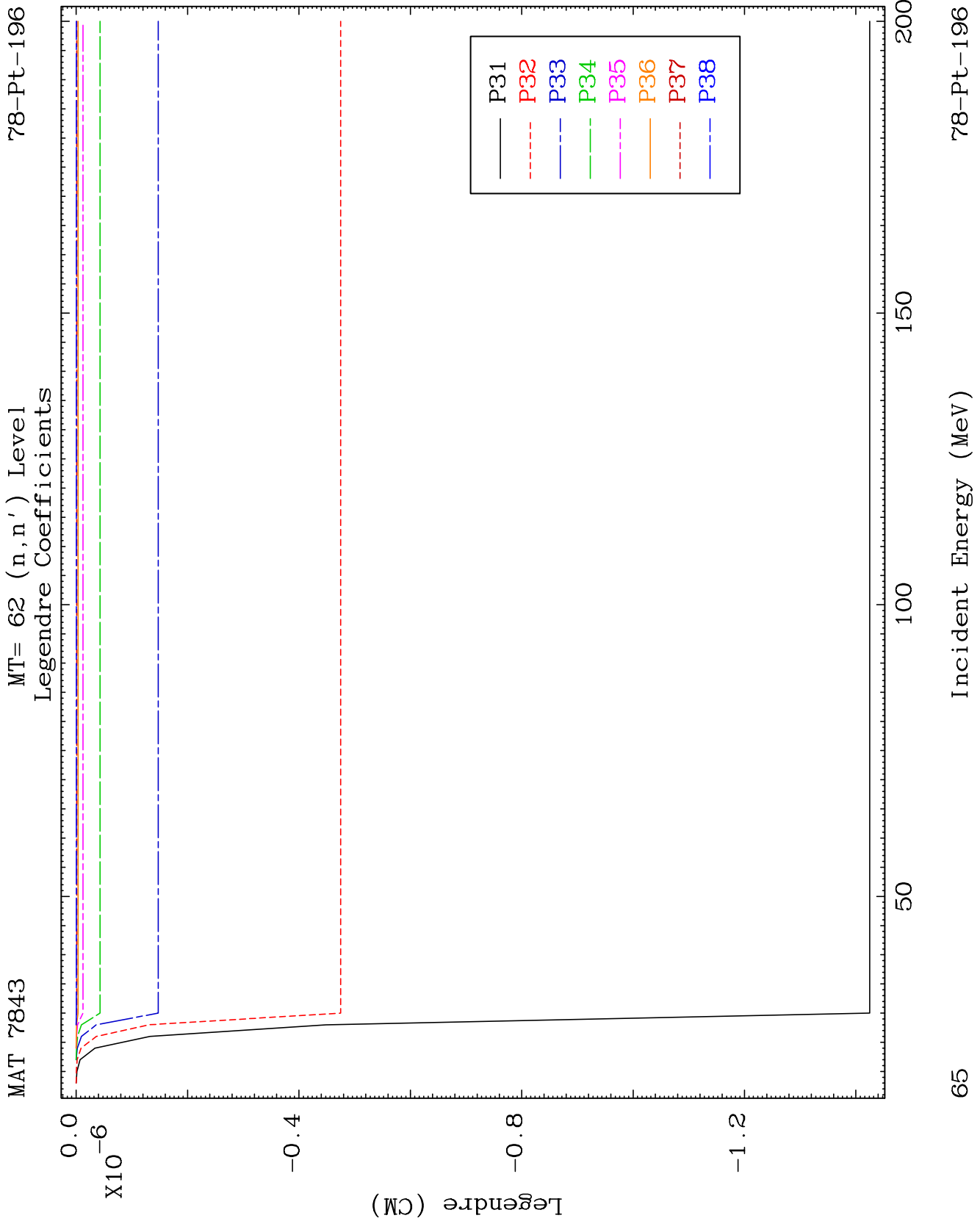
78-Pt-196



64

Incident Energy (MeV)

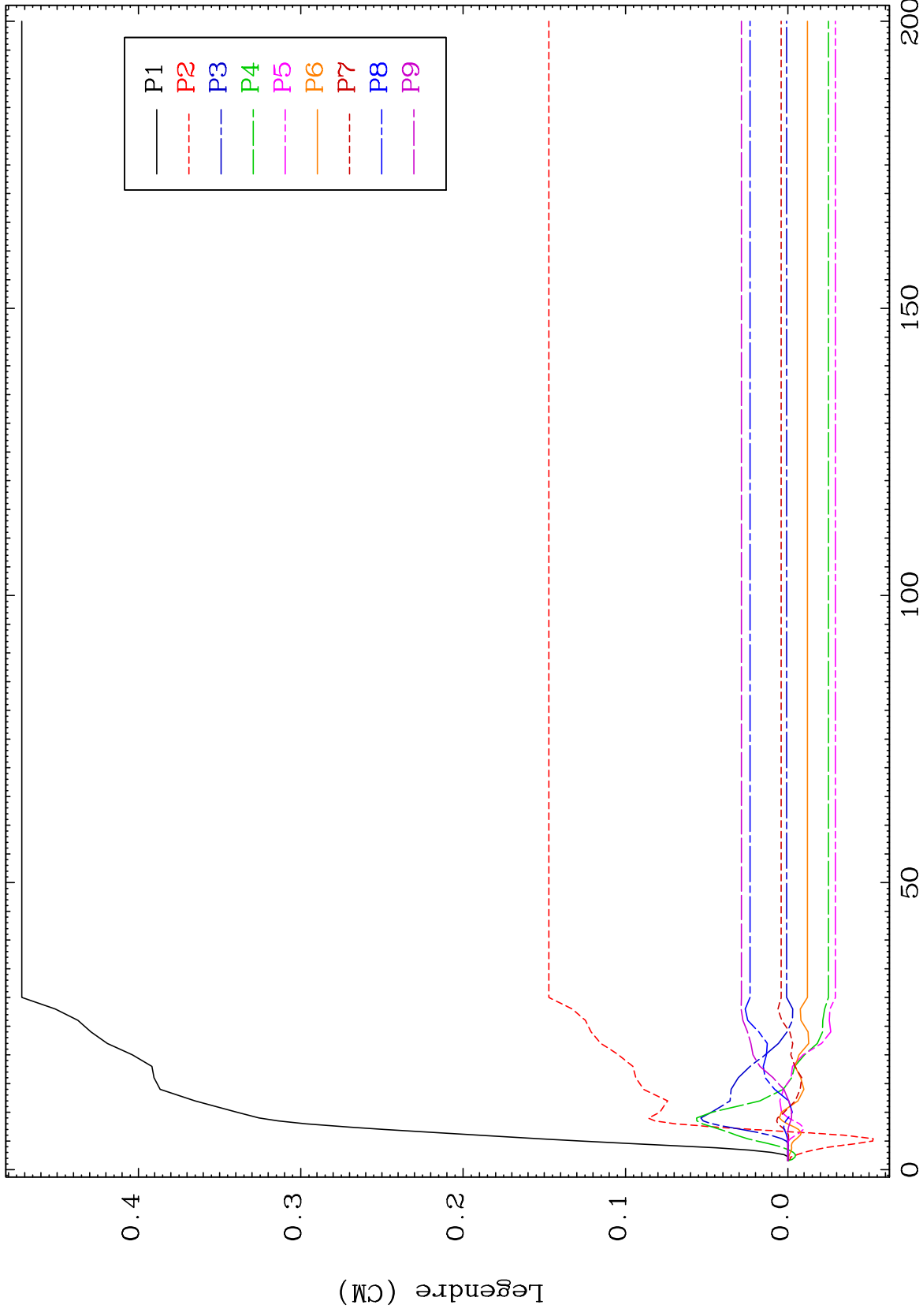
78-Pt-196



MAT 7843

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

78-Pt-196



66

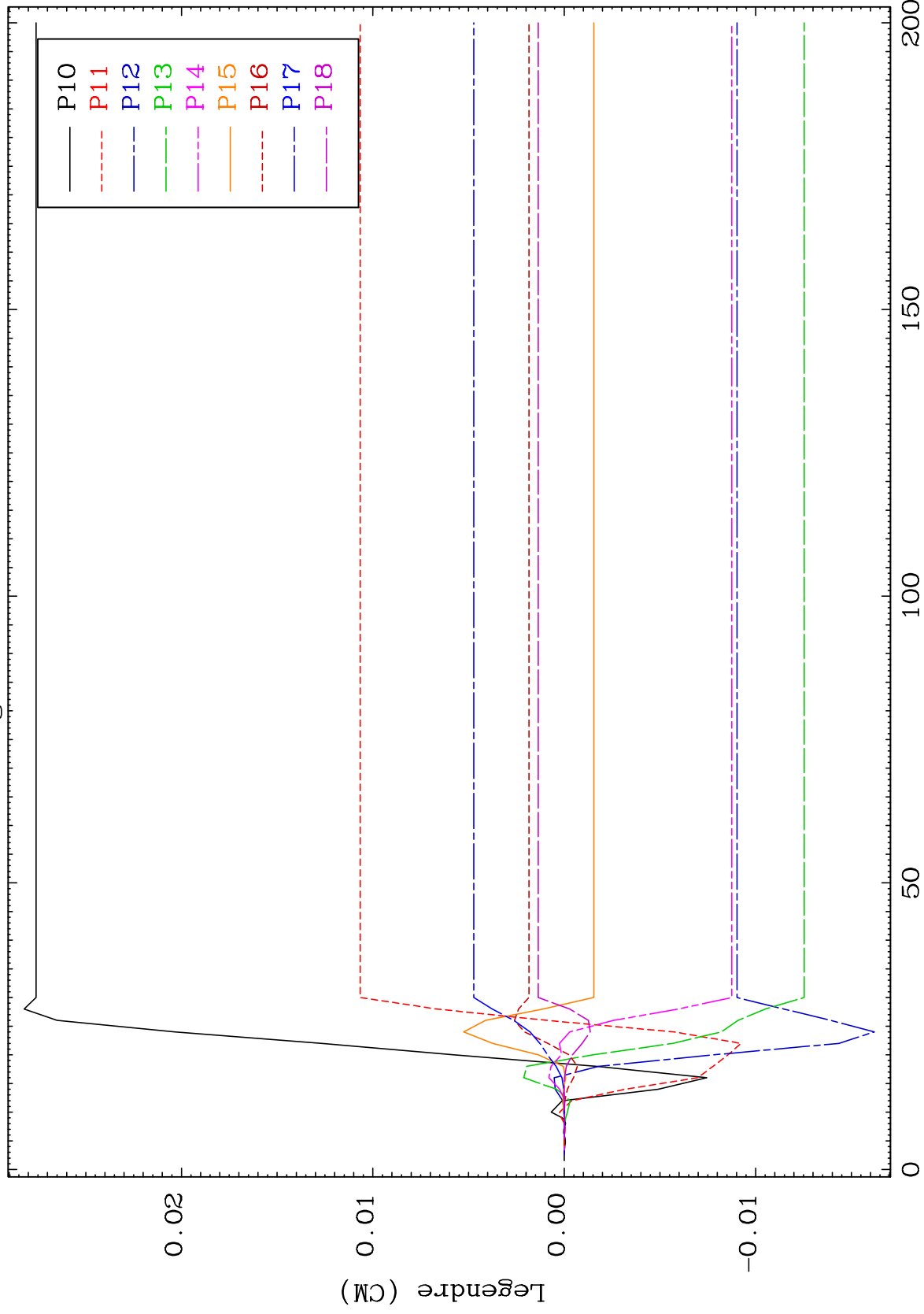
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



67

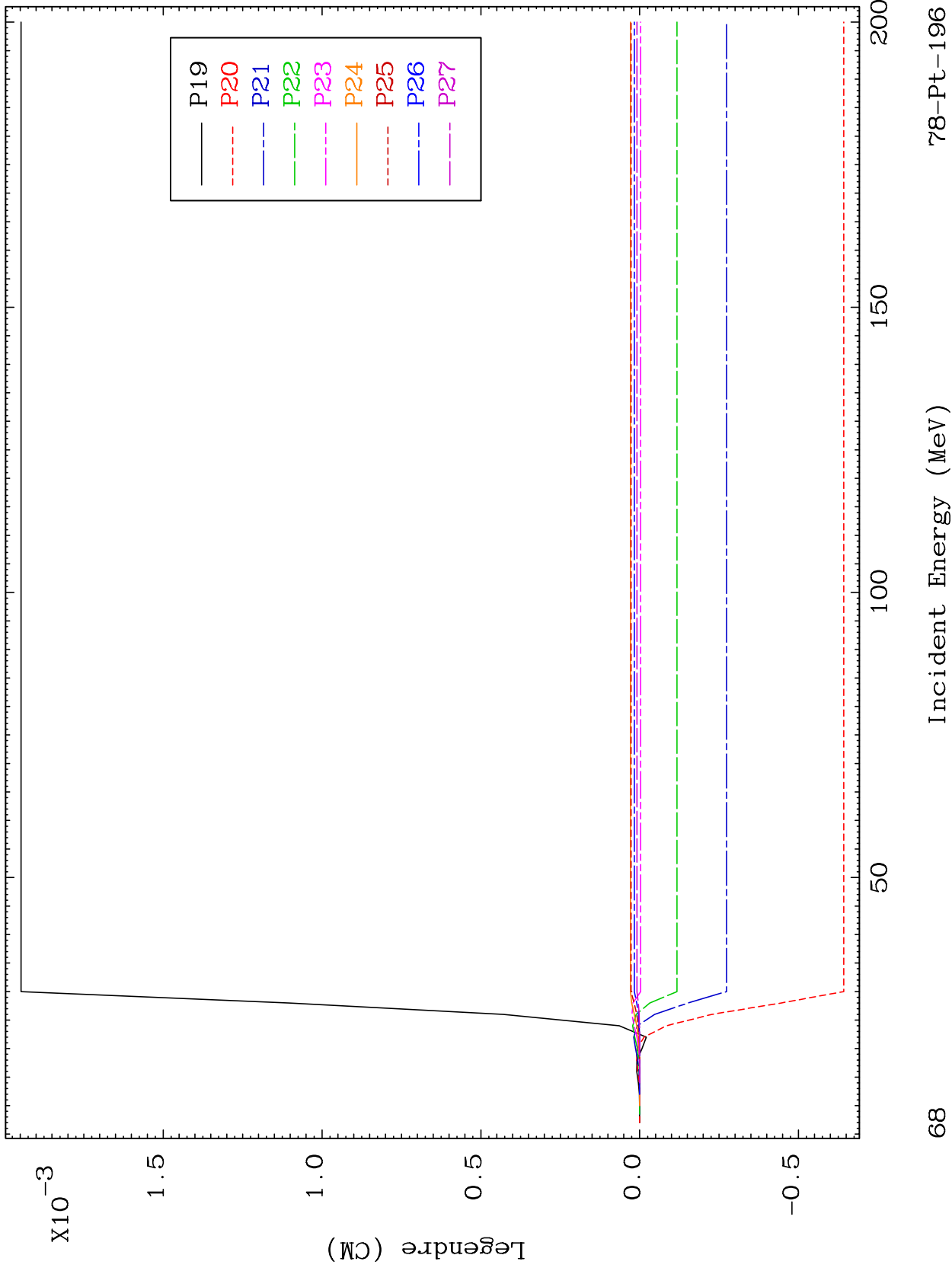
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



68

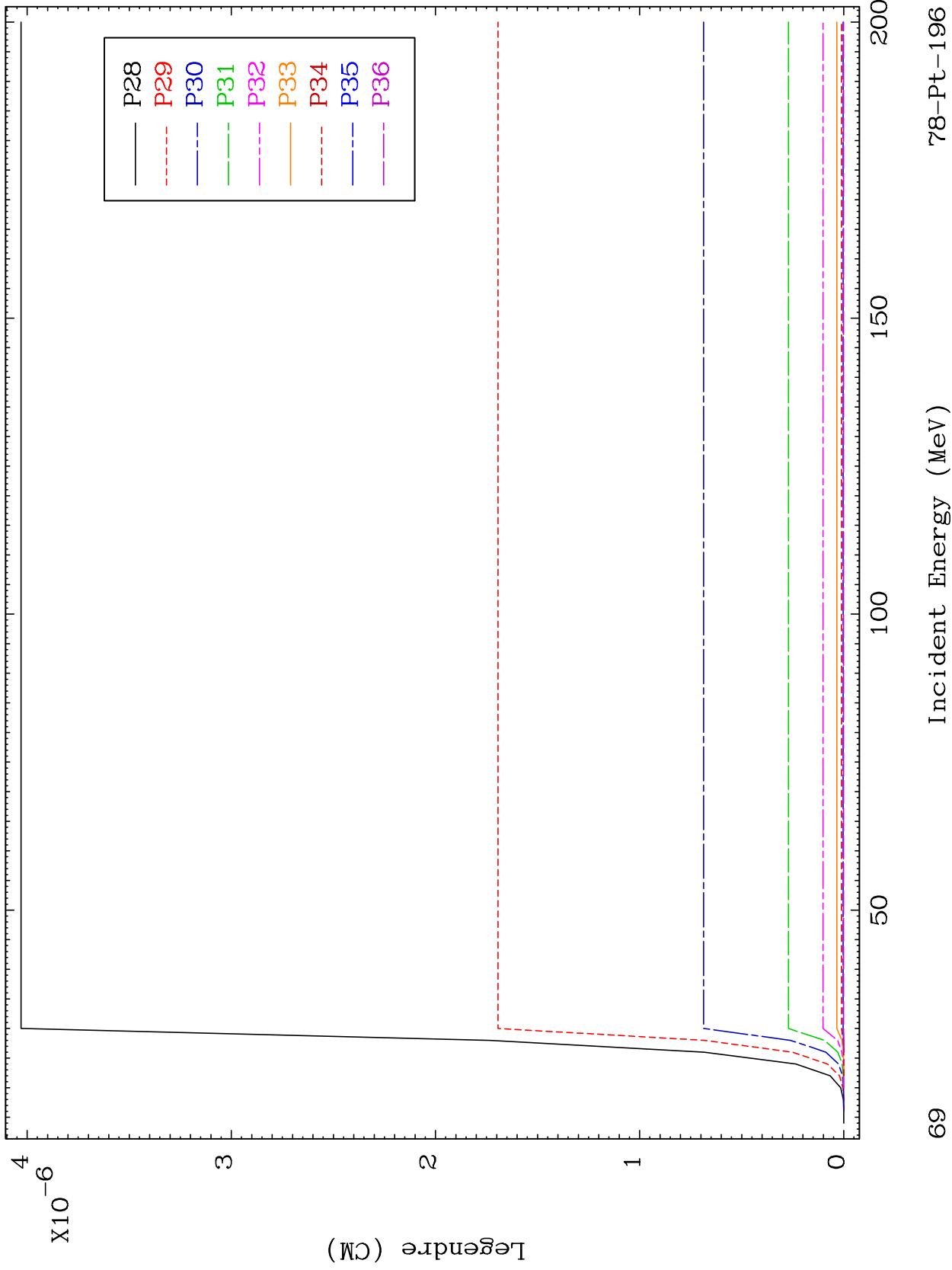
Incident Energy (MeV)

78-Pt-196

MAT 7843

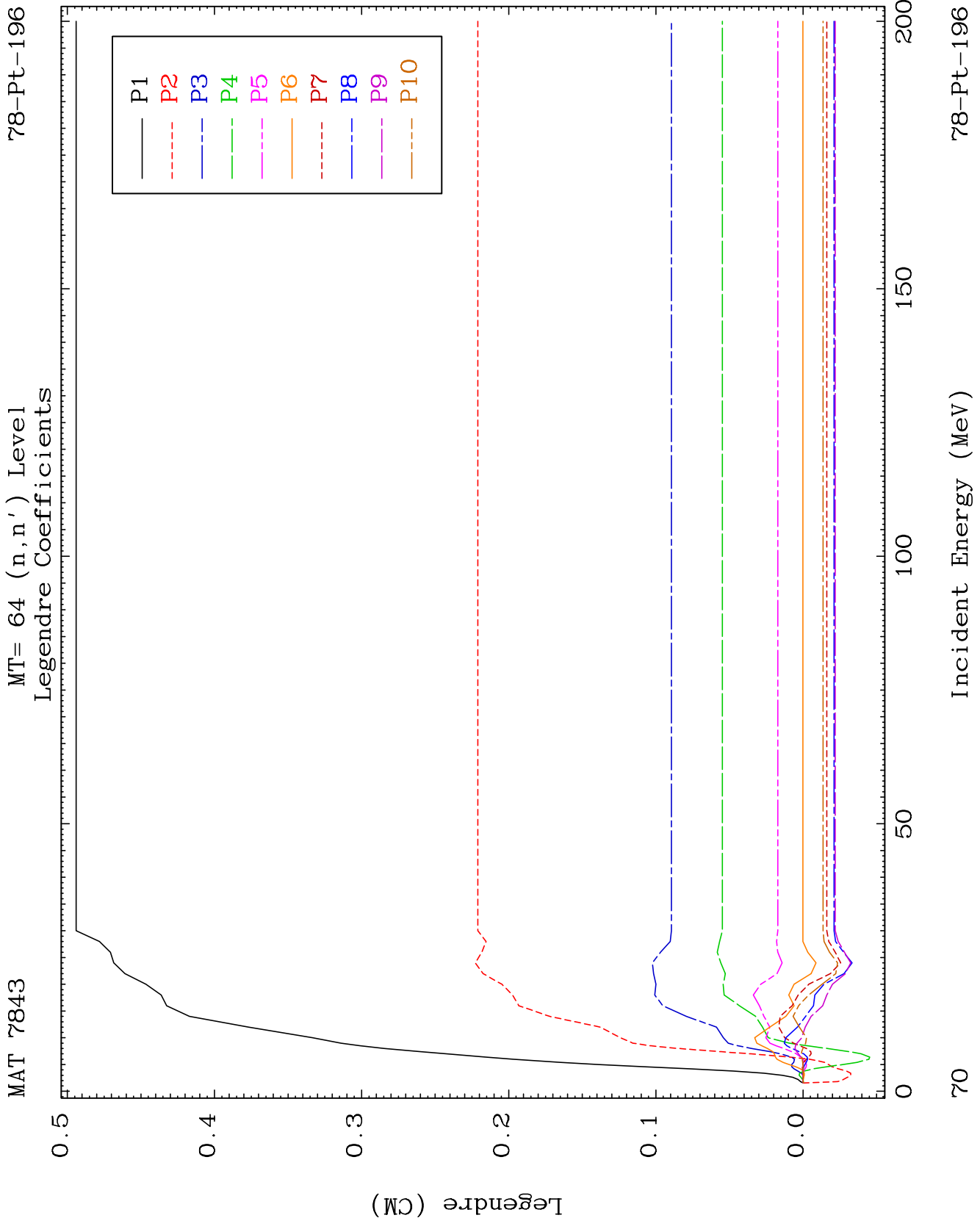
MT= 63 (n,n') Level
Legendre Coefficients

78-Pt-196



69

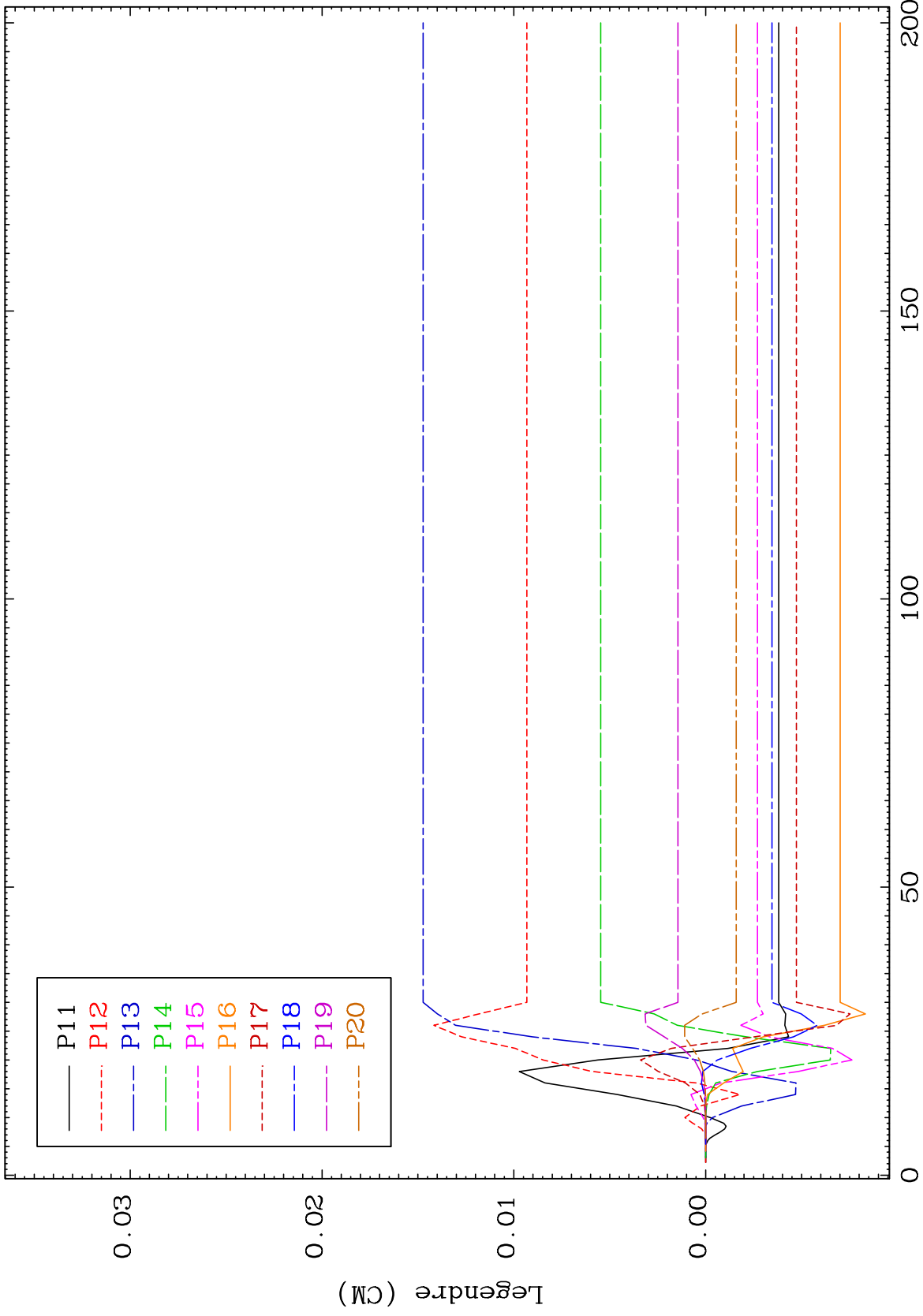
78-Pt-196



MAT 7843

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

78-Pt-196



71

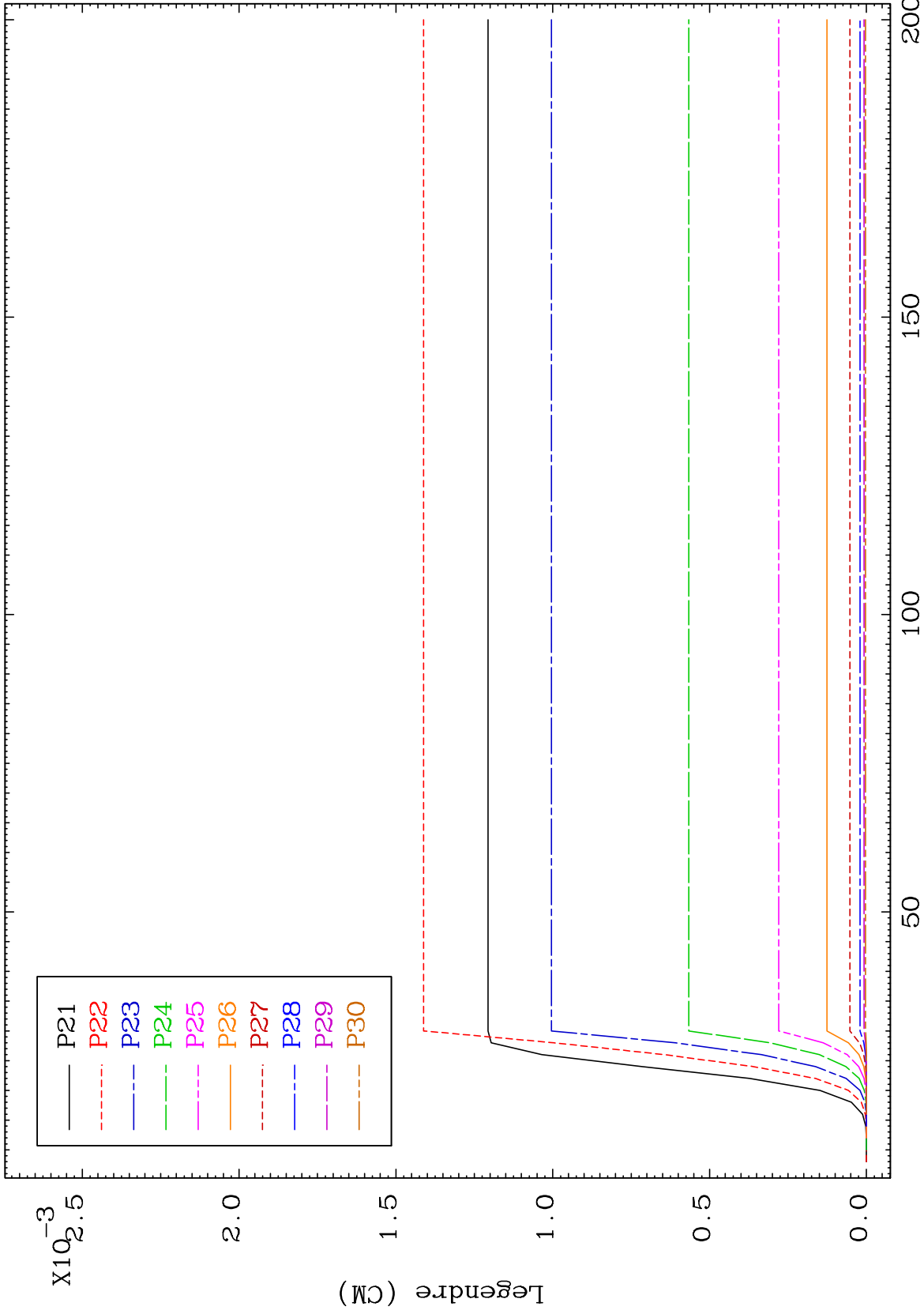
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



72

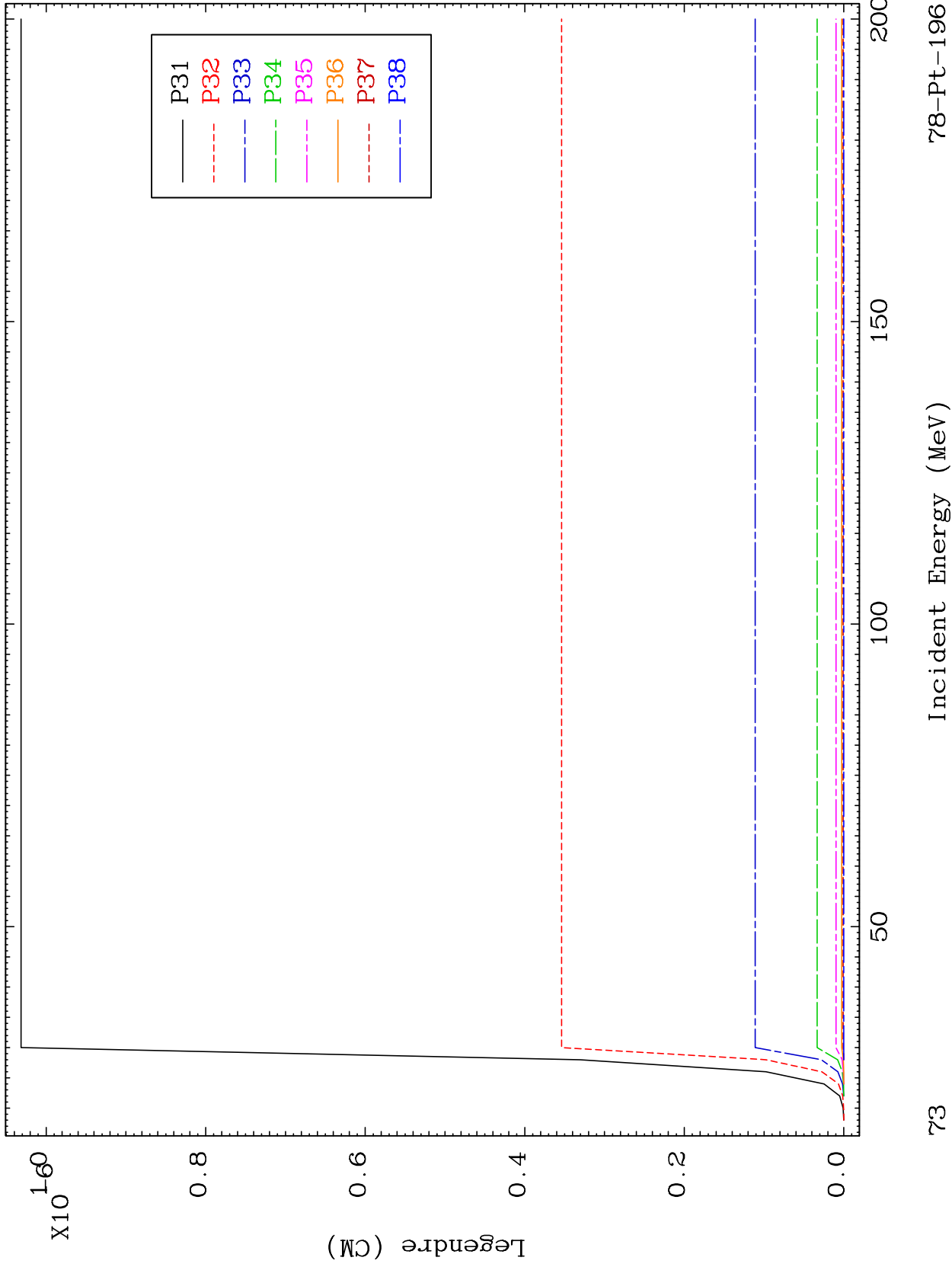
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

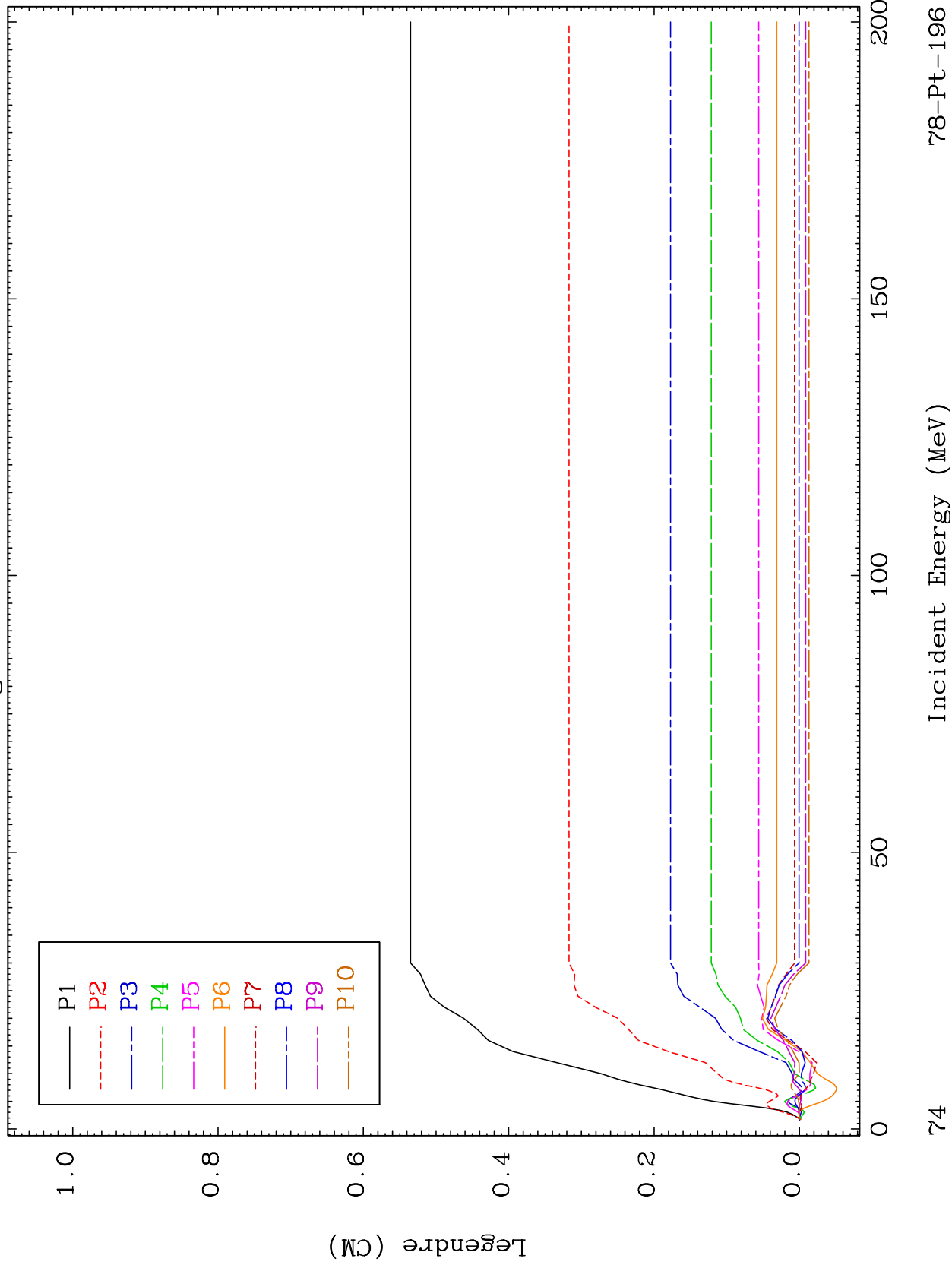
78-Pt-196

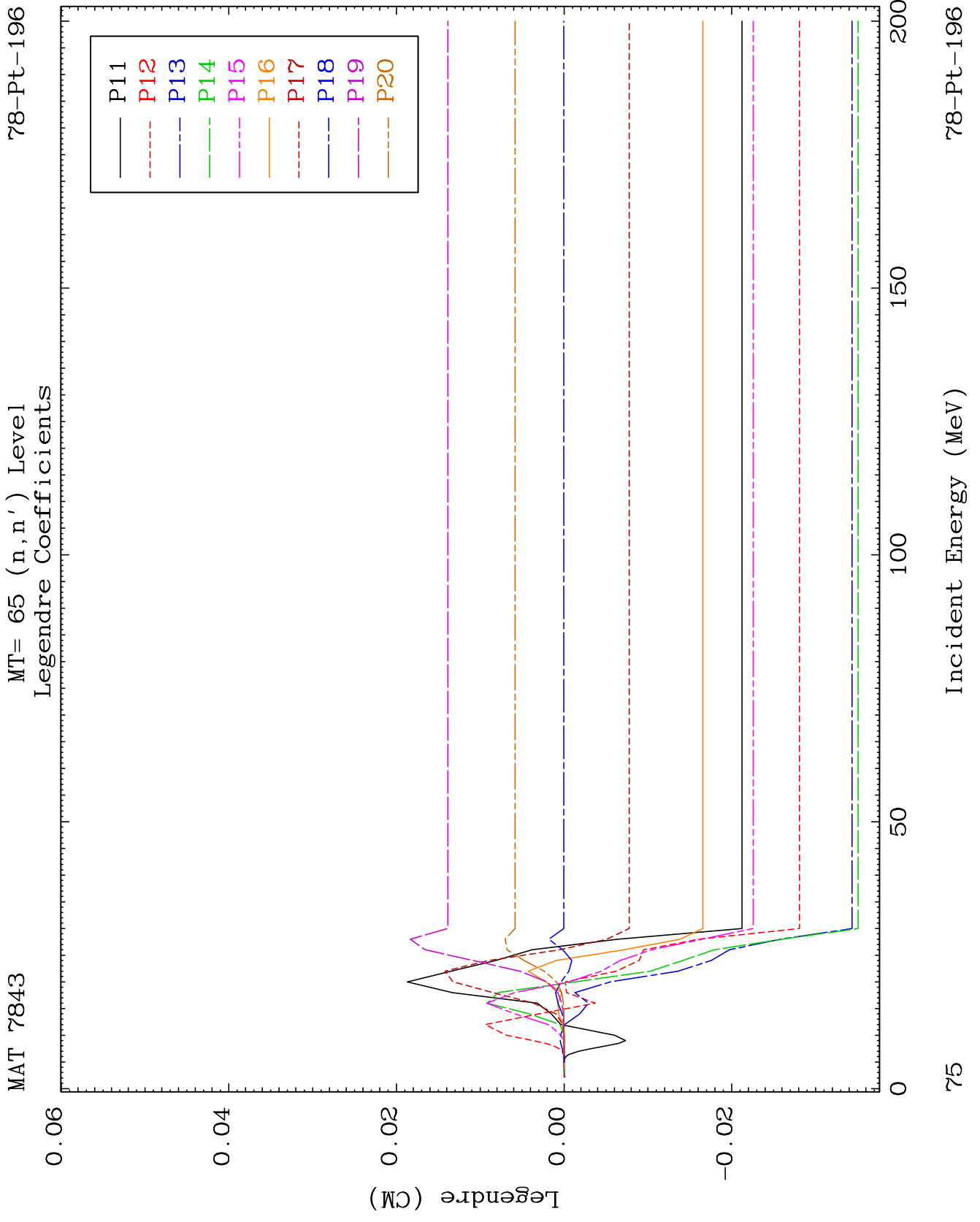


MAT 7843

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

78-Pt-196

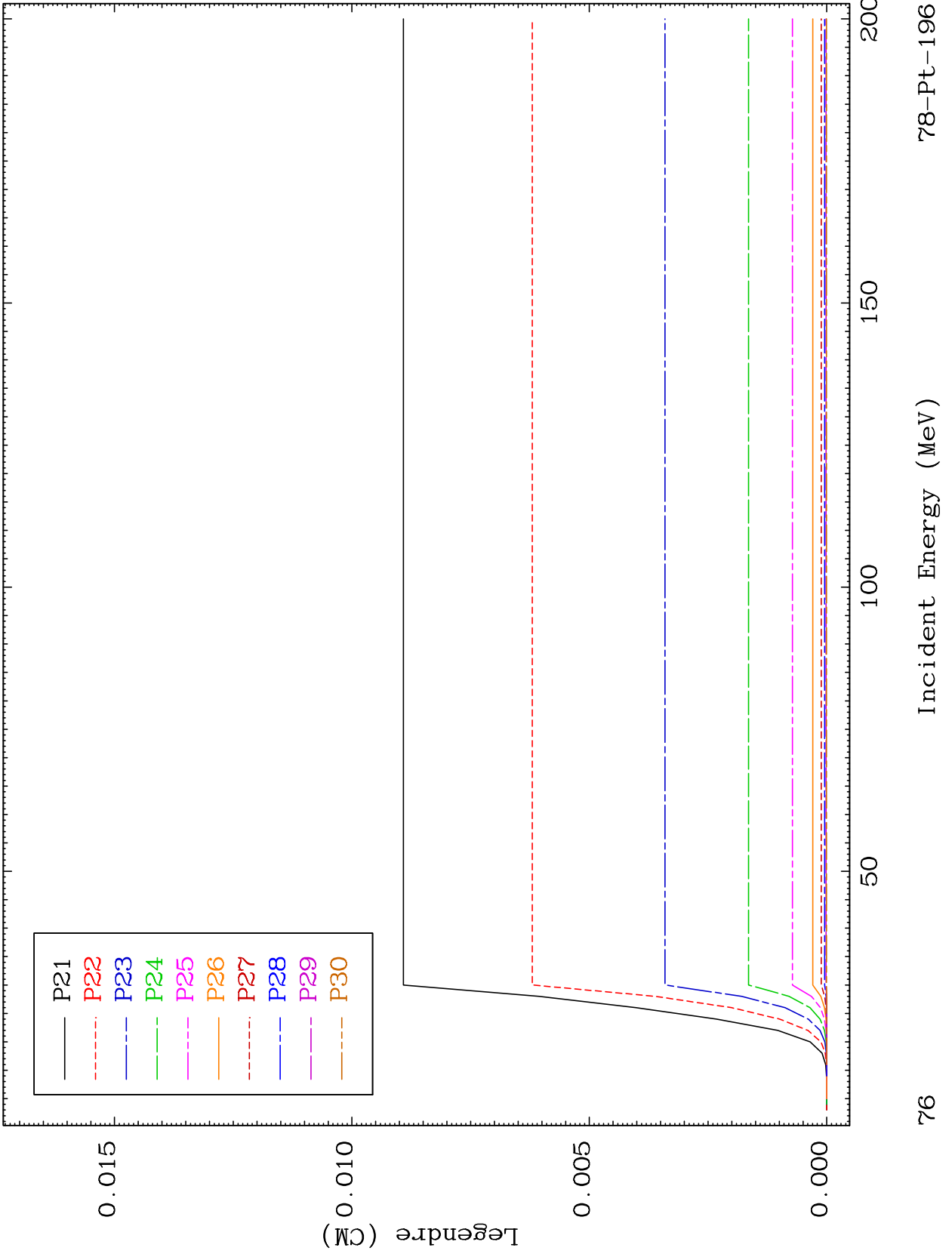




MAT 7843

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

78-Pt-196



76

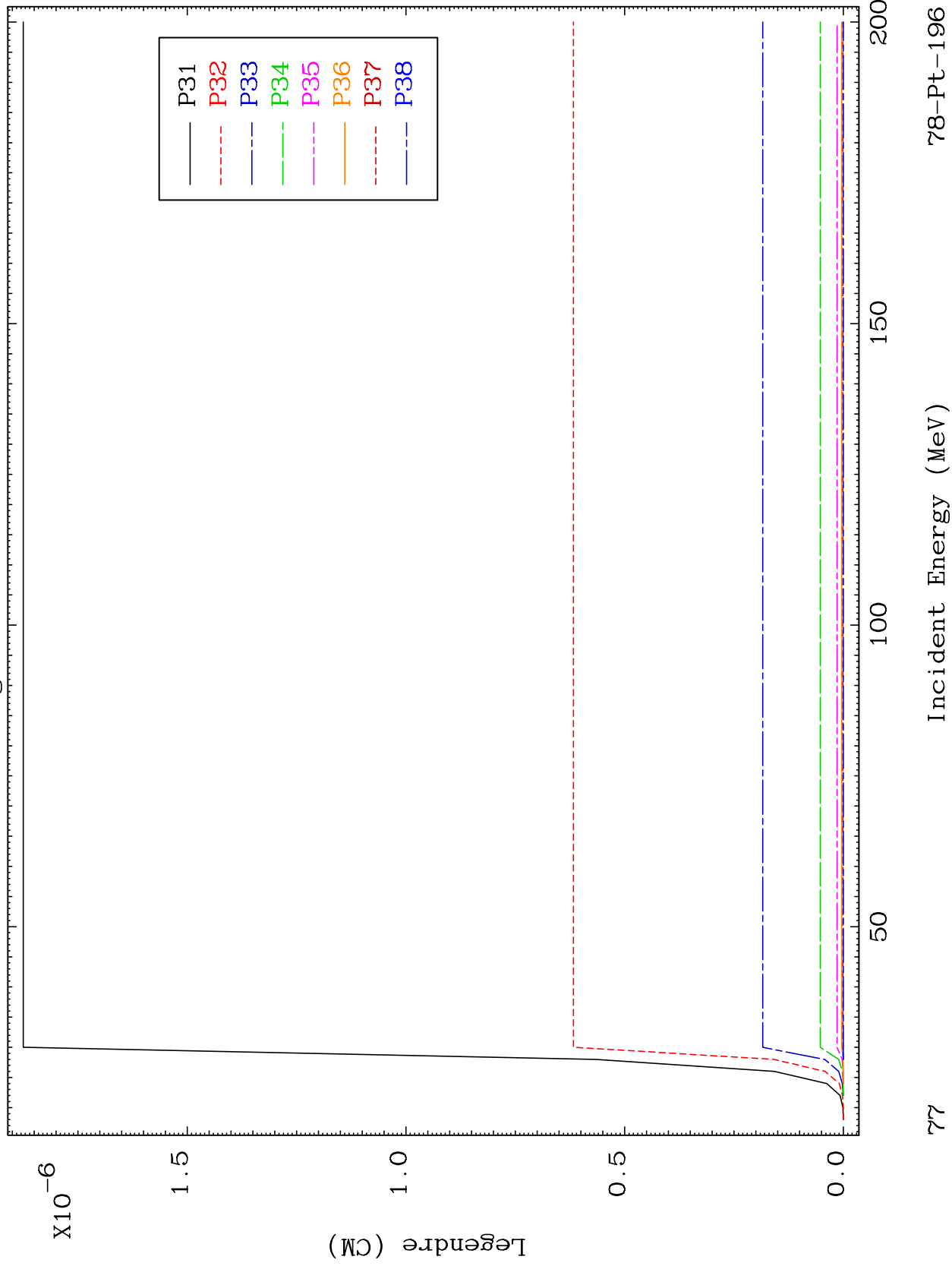
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

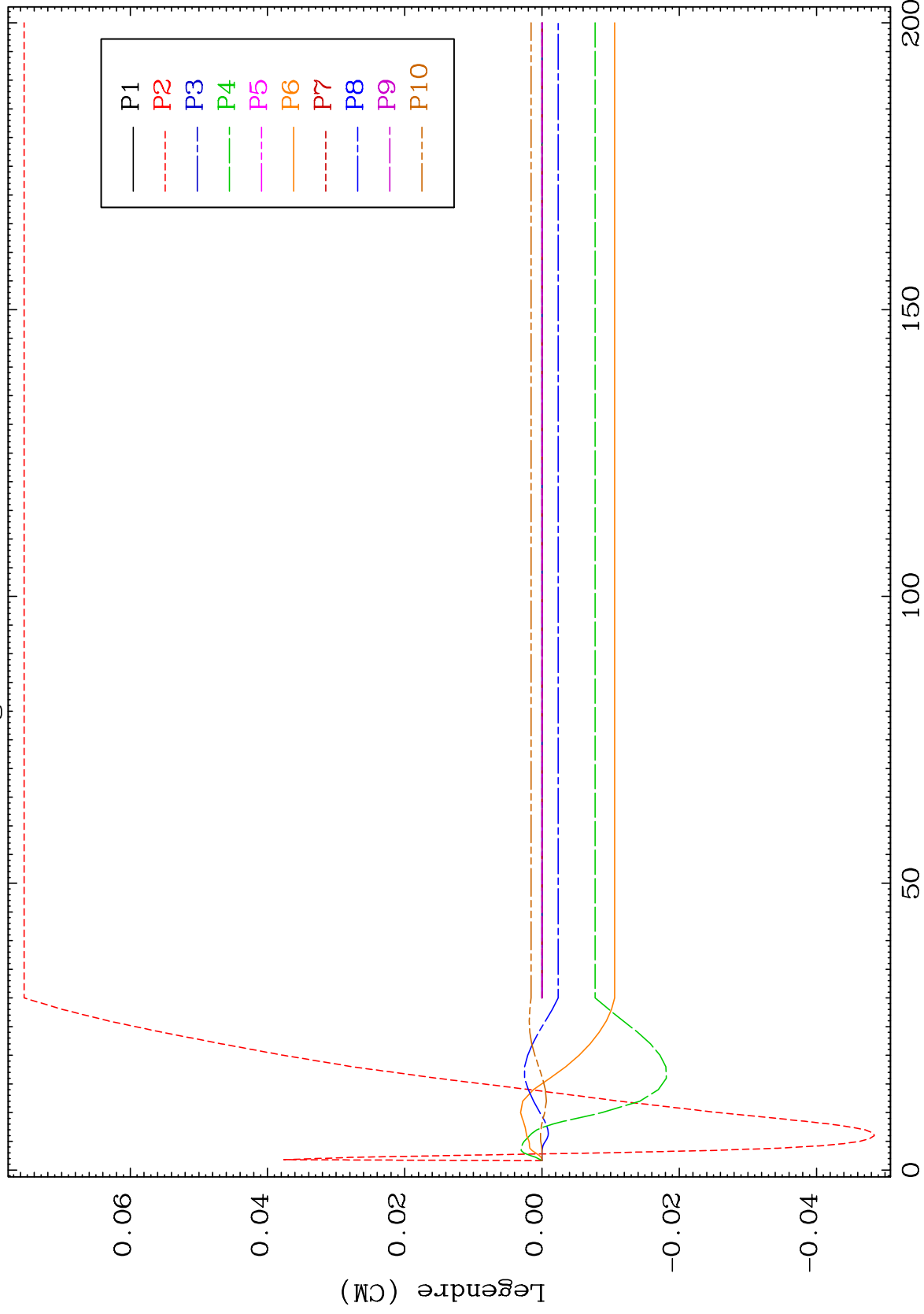
78-Pt-196



MAT 7843

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

78-Pt-196



78

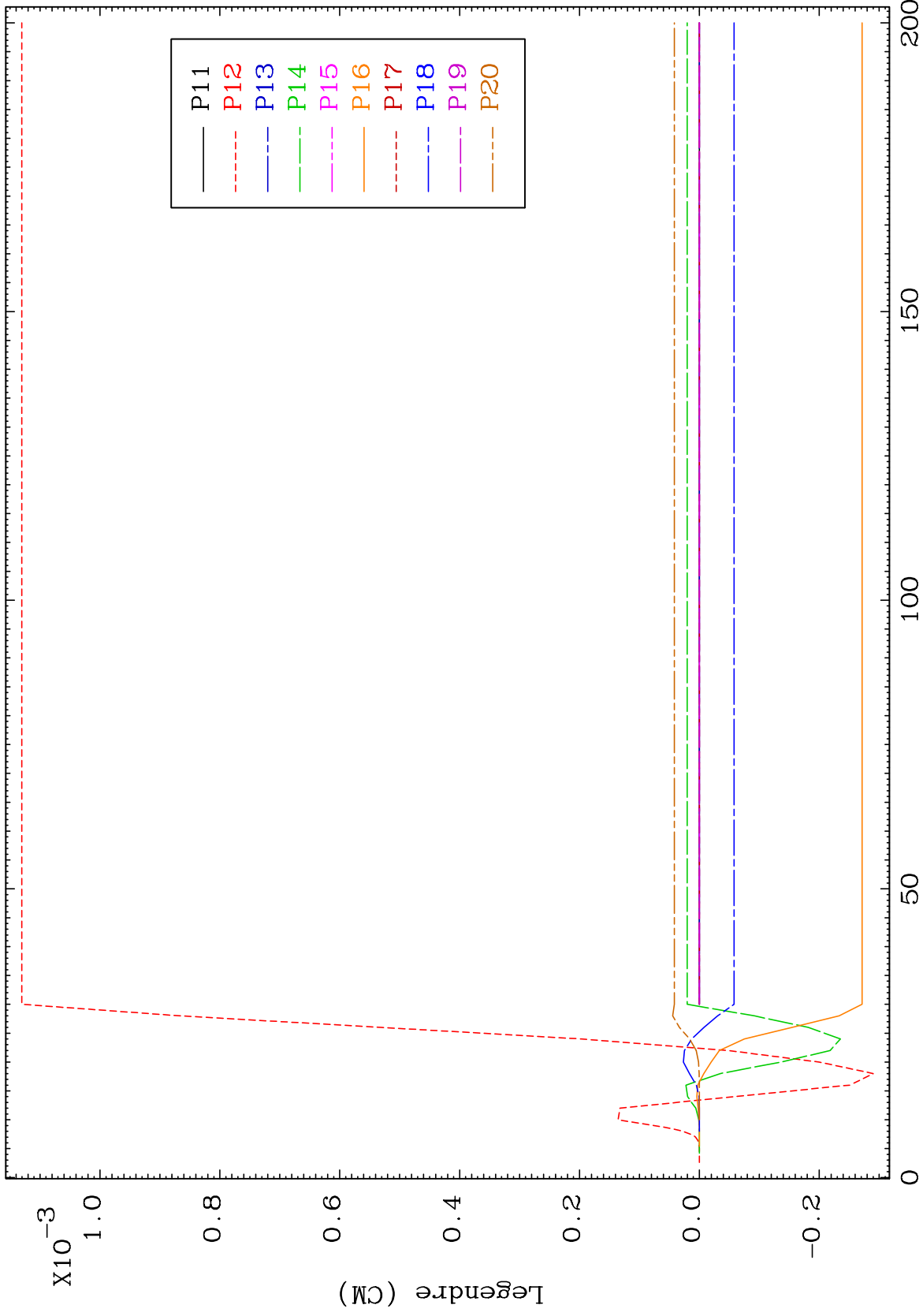
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



79

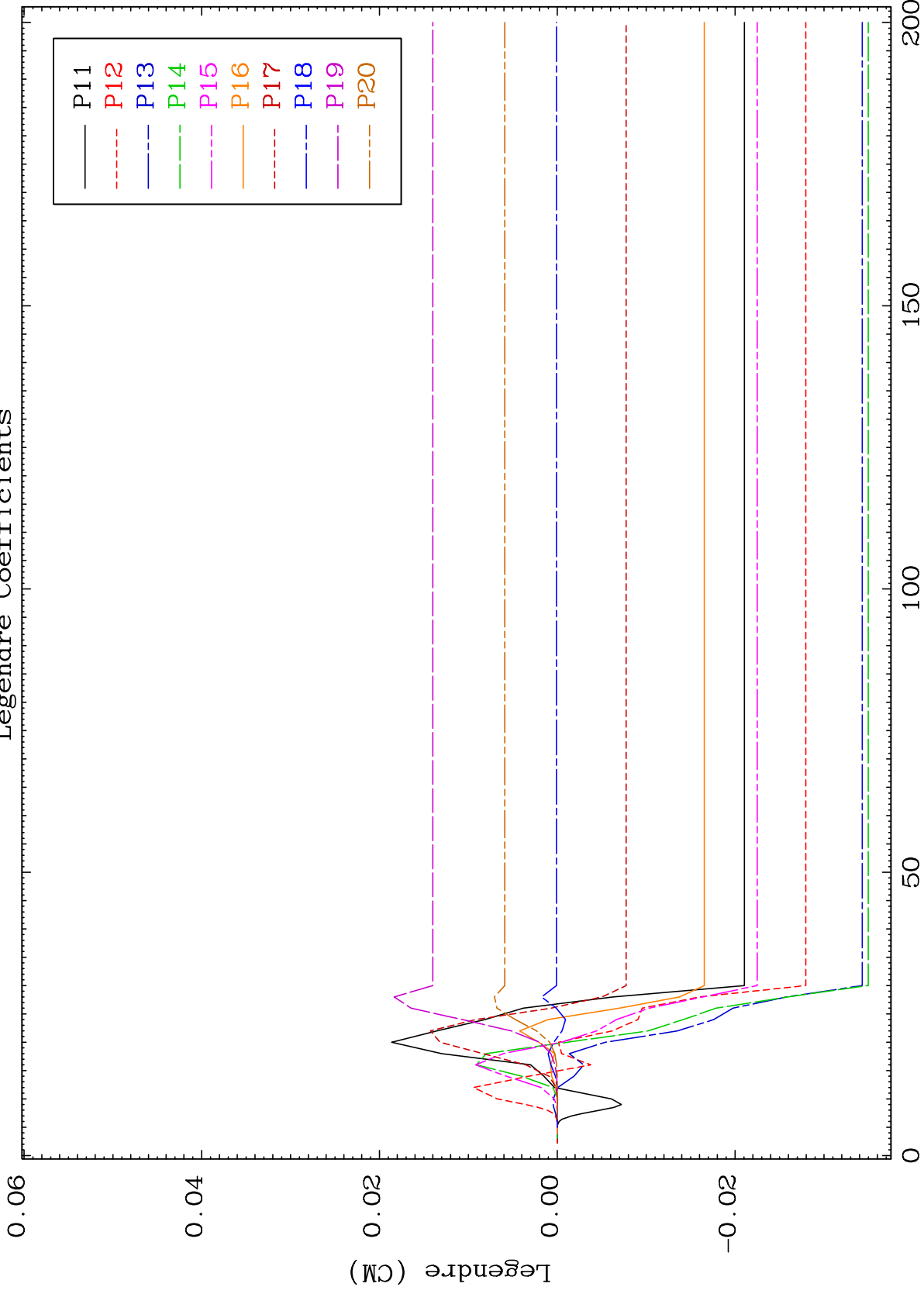
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



82

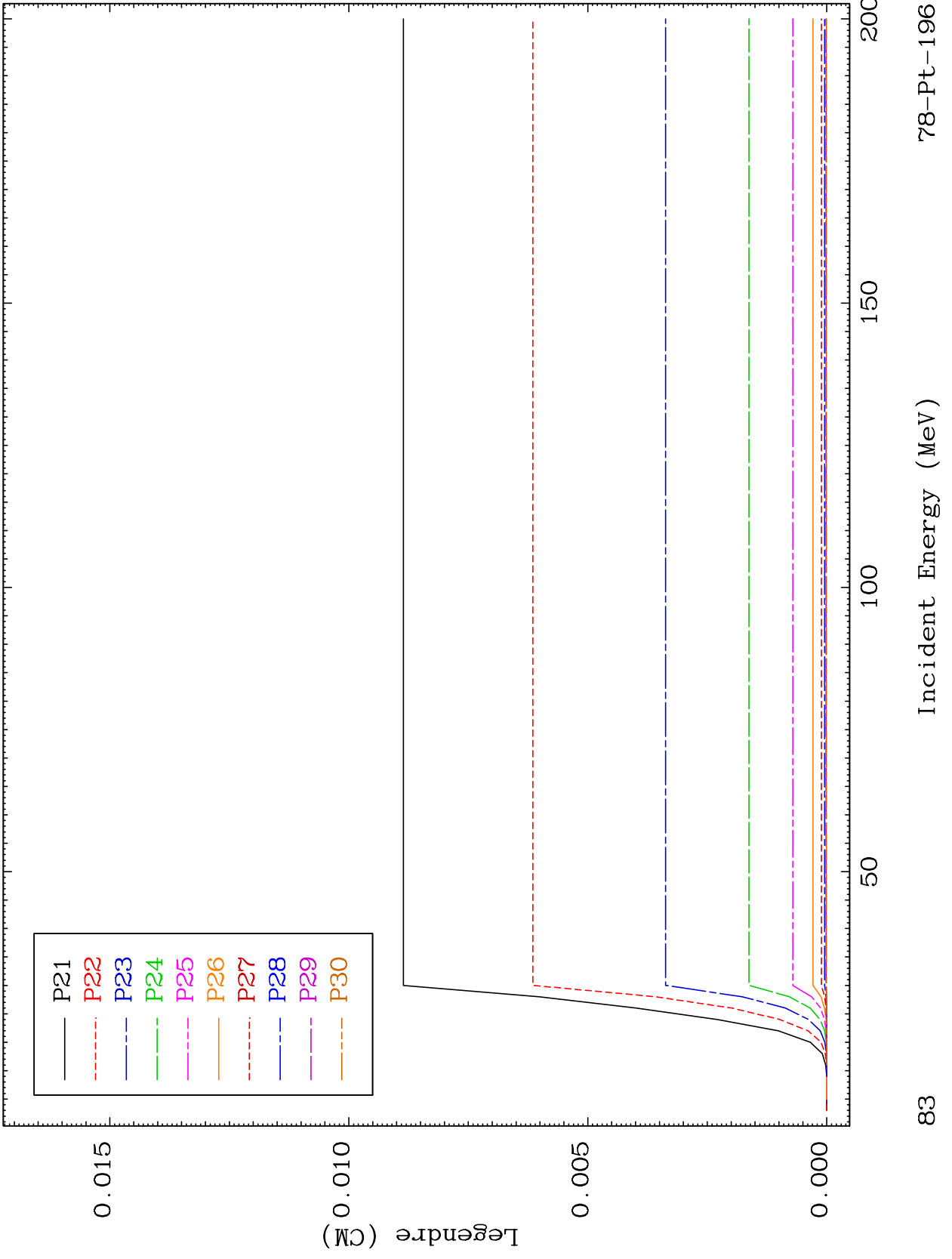
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

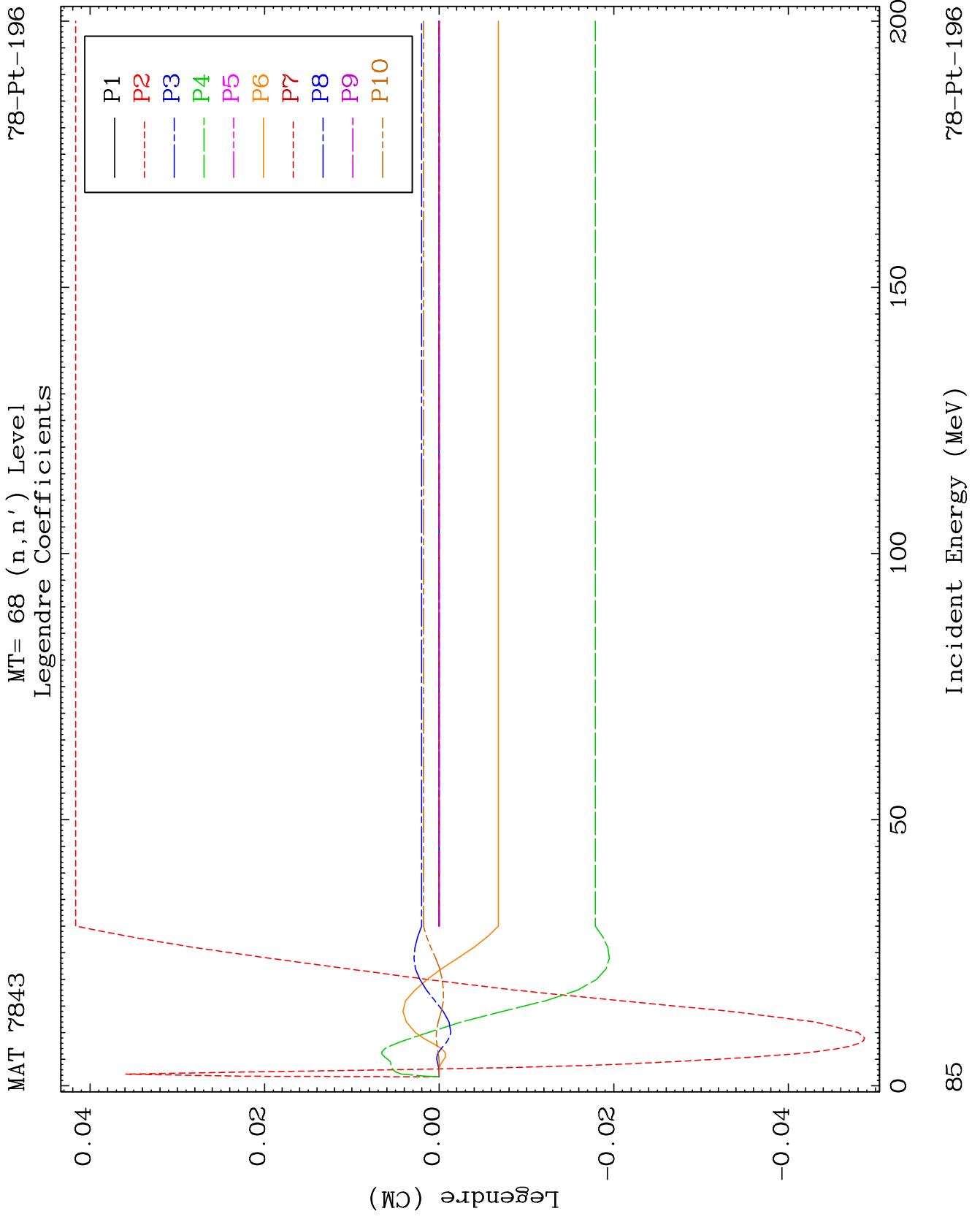
78-Pt-196

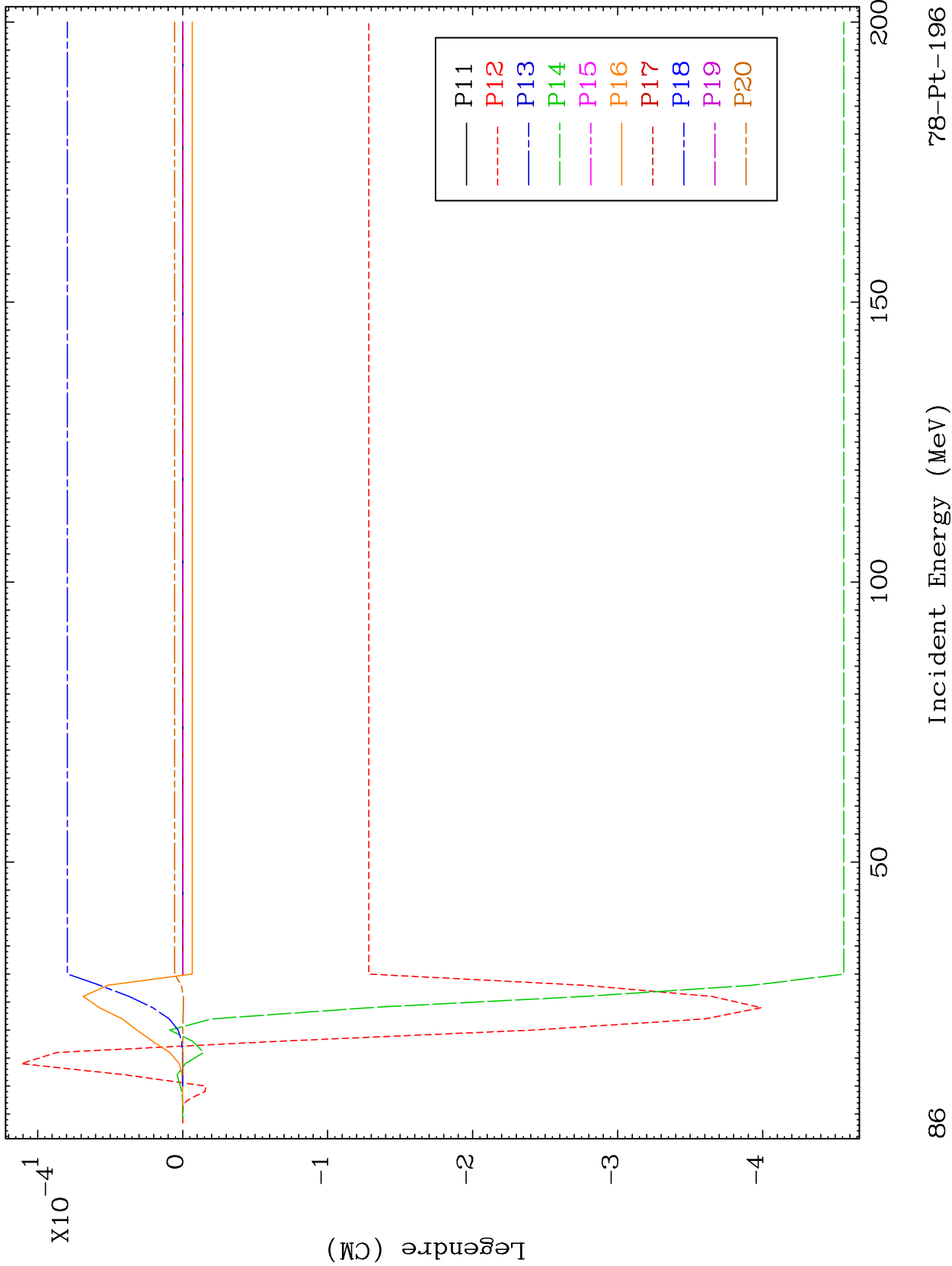


83

Incident Energy (MeV)

78-Pt-196

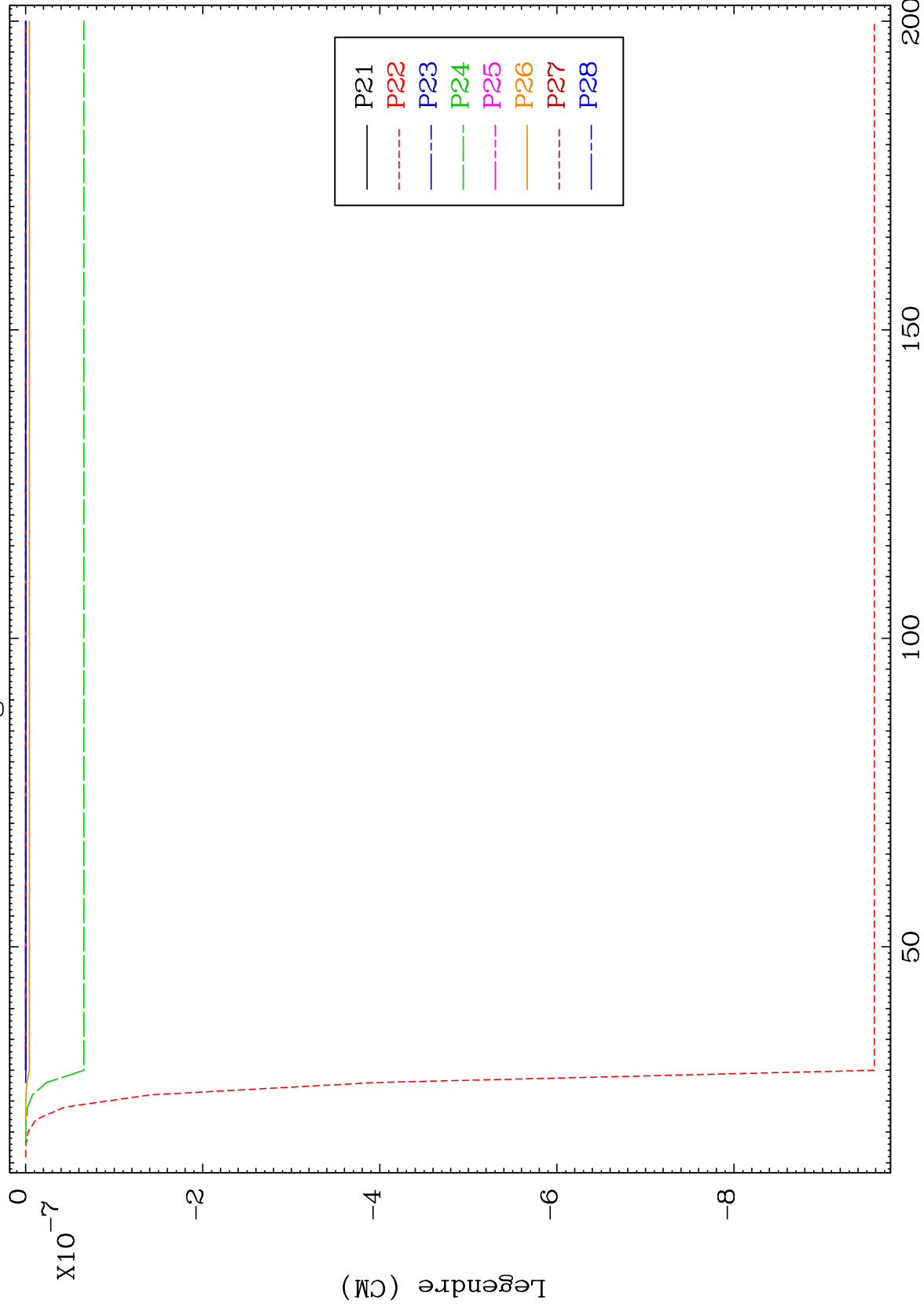




MAT 7843

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

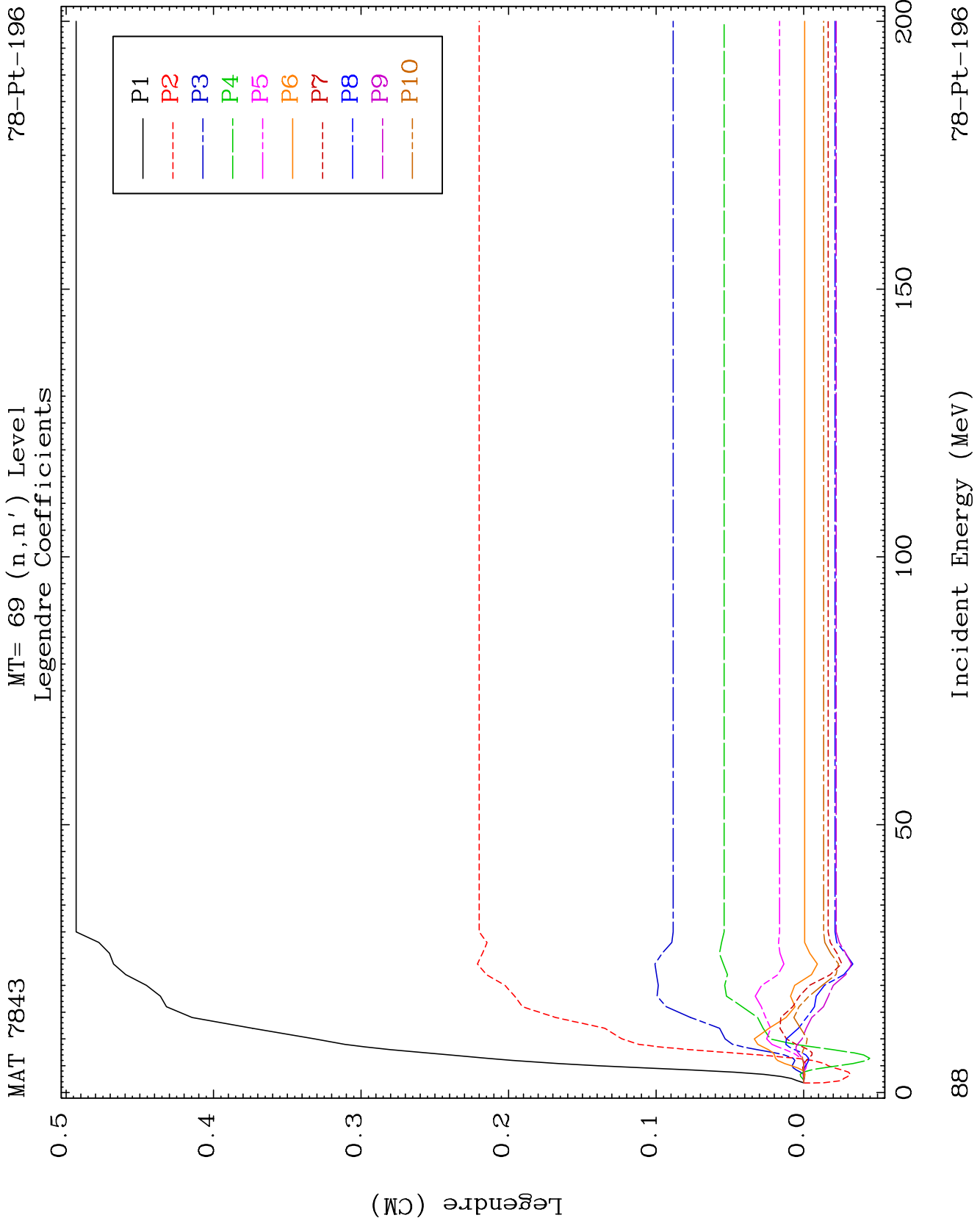
78-Pt-196



87

Incident Energy (MeV)

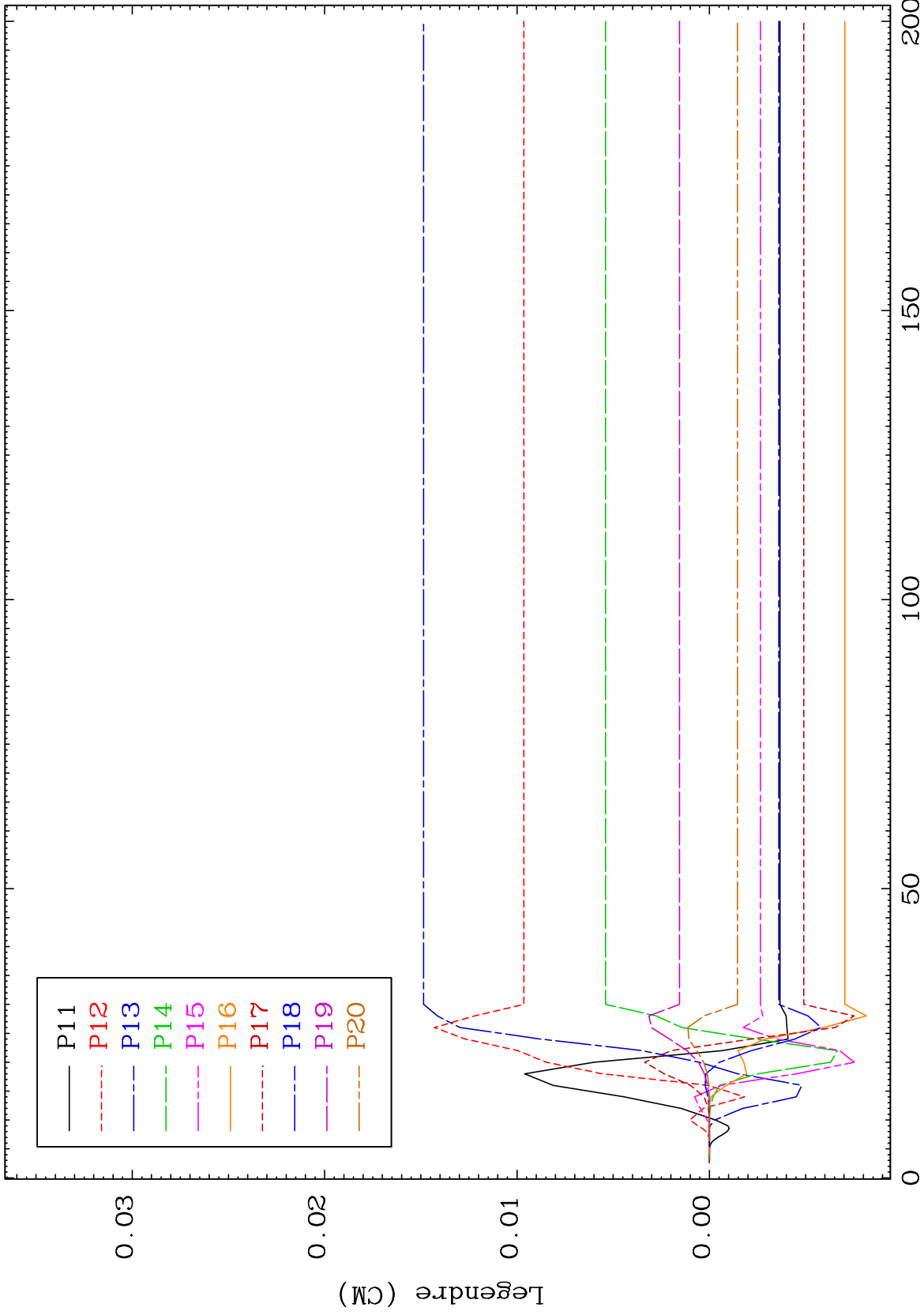
78-Pt-196



MAT 7843

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

78-Pt-196



89

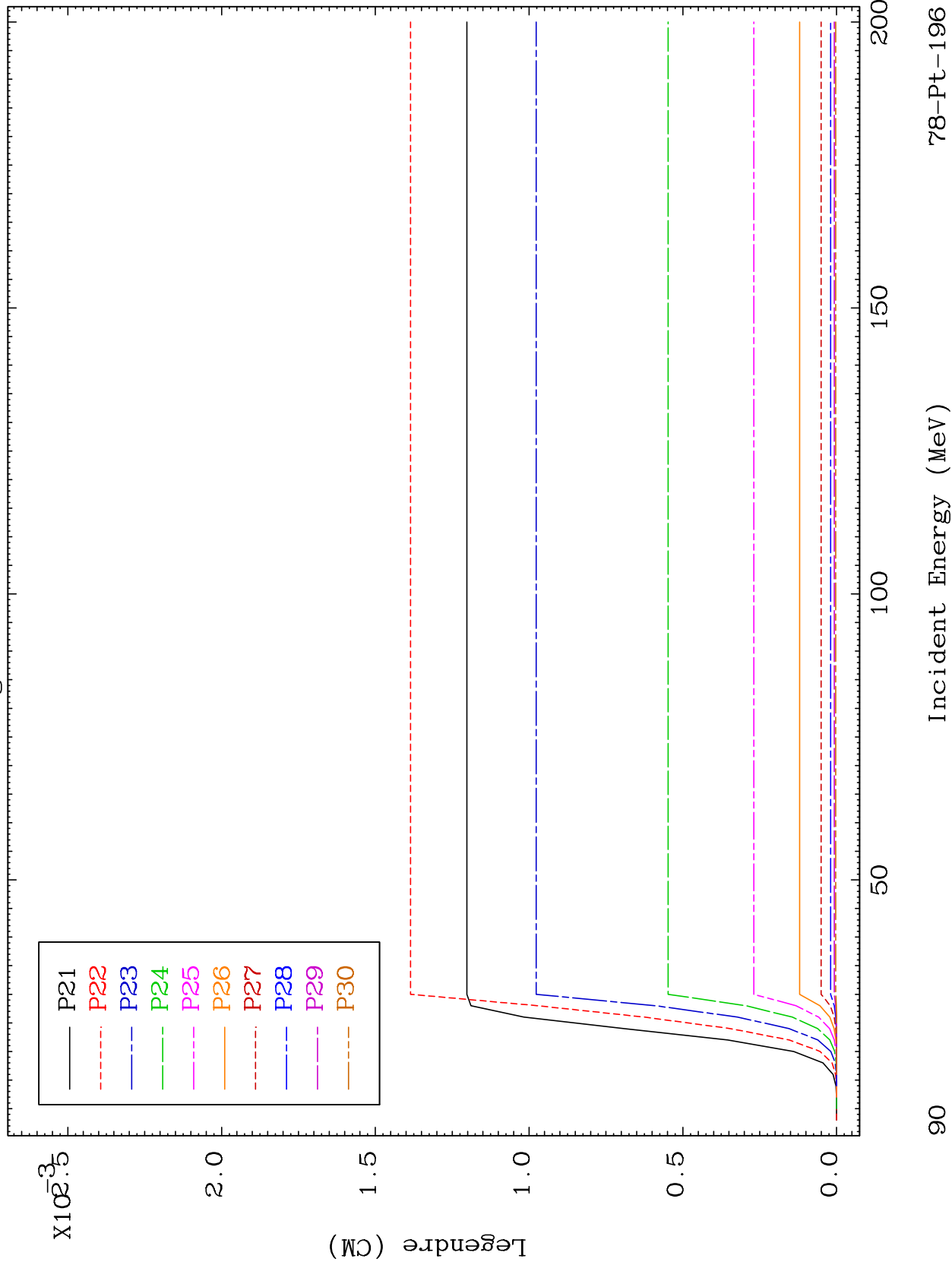
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



90

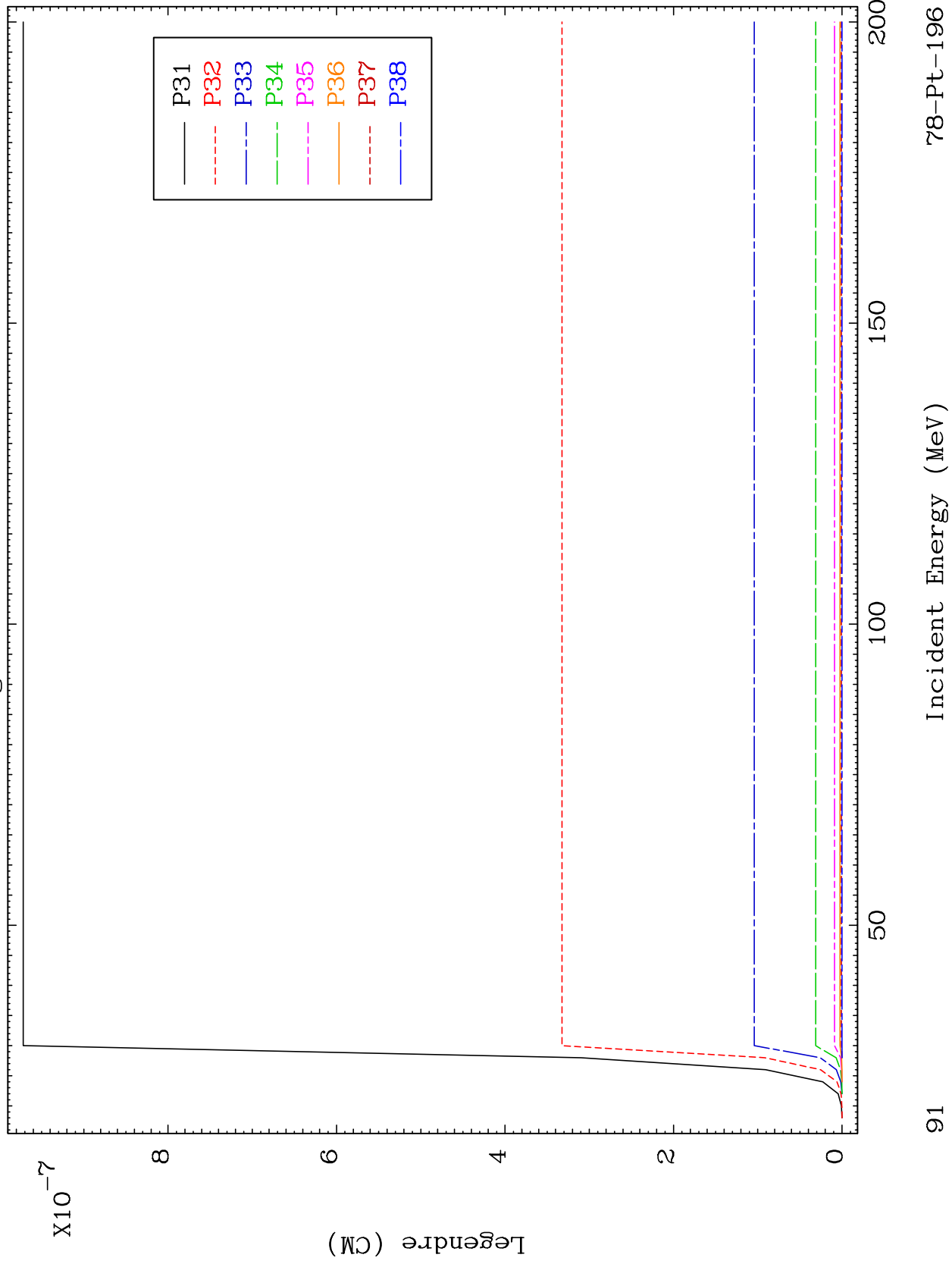
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



91

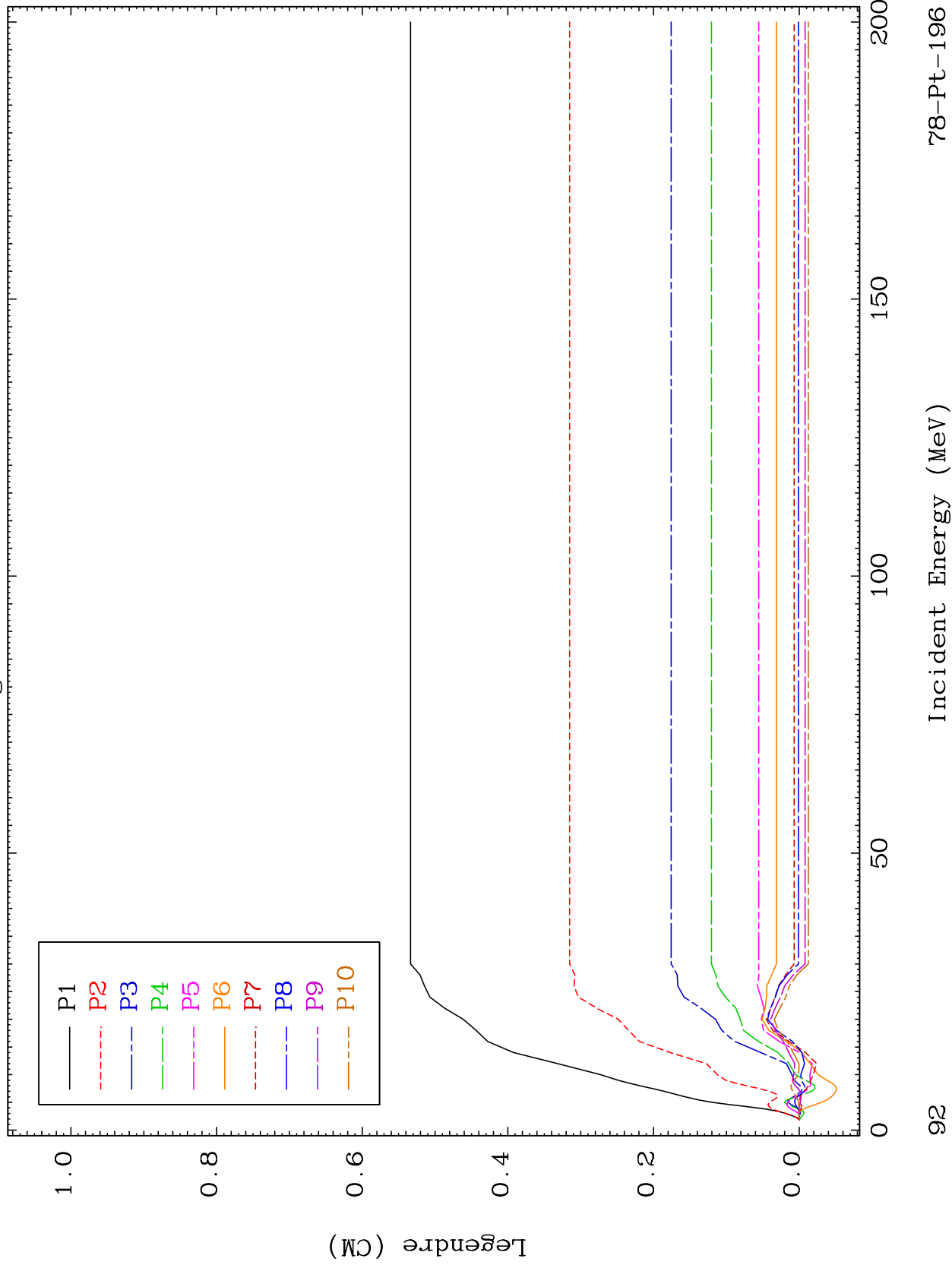
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

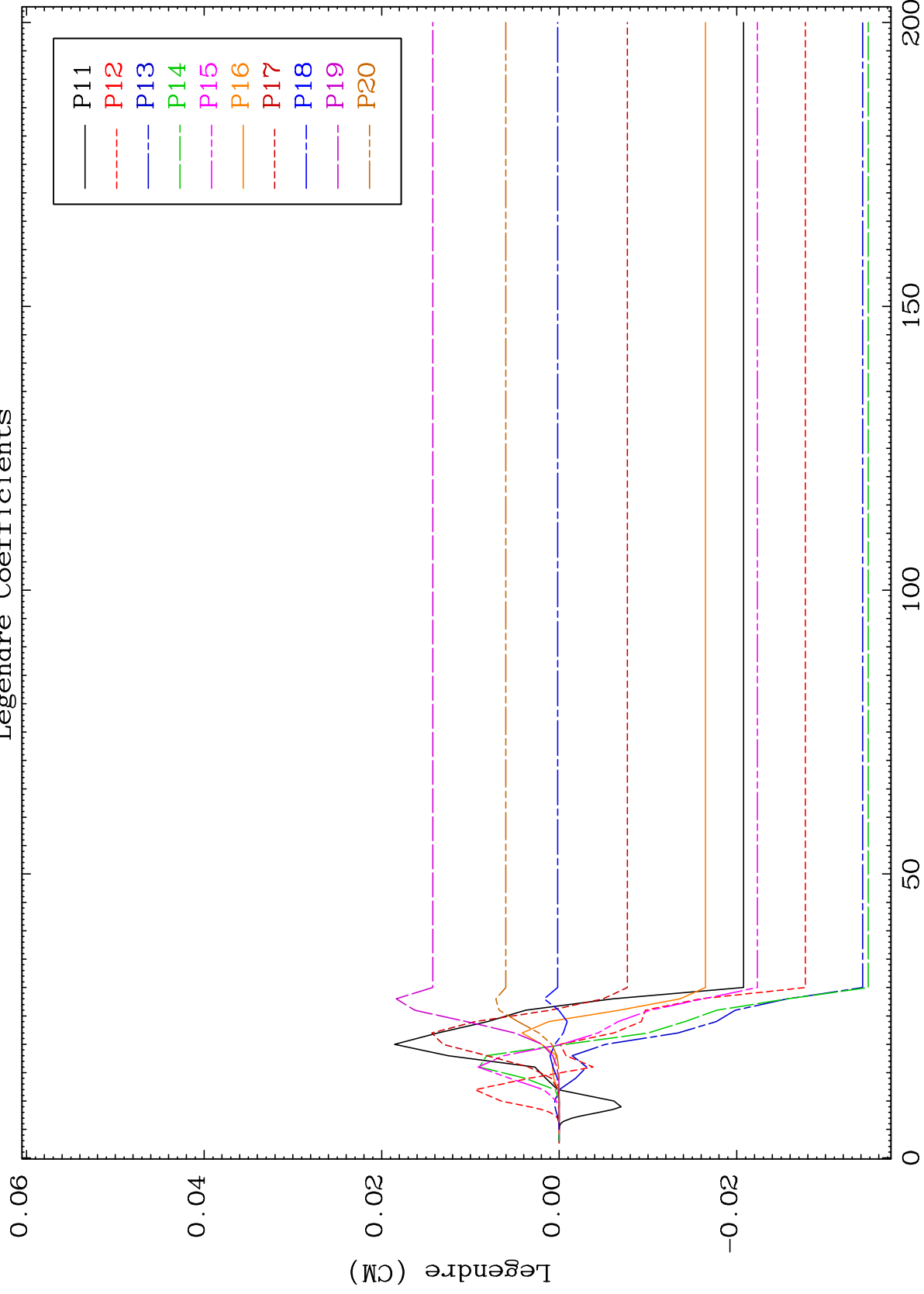
78-Pt-196



MAT 7843

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

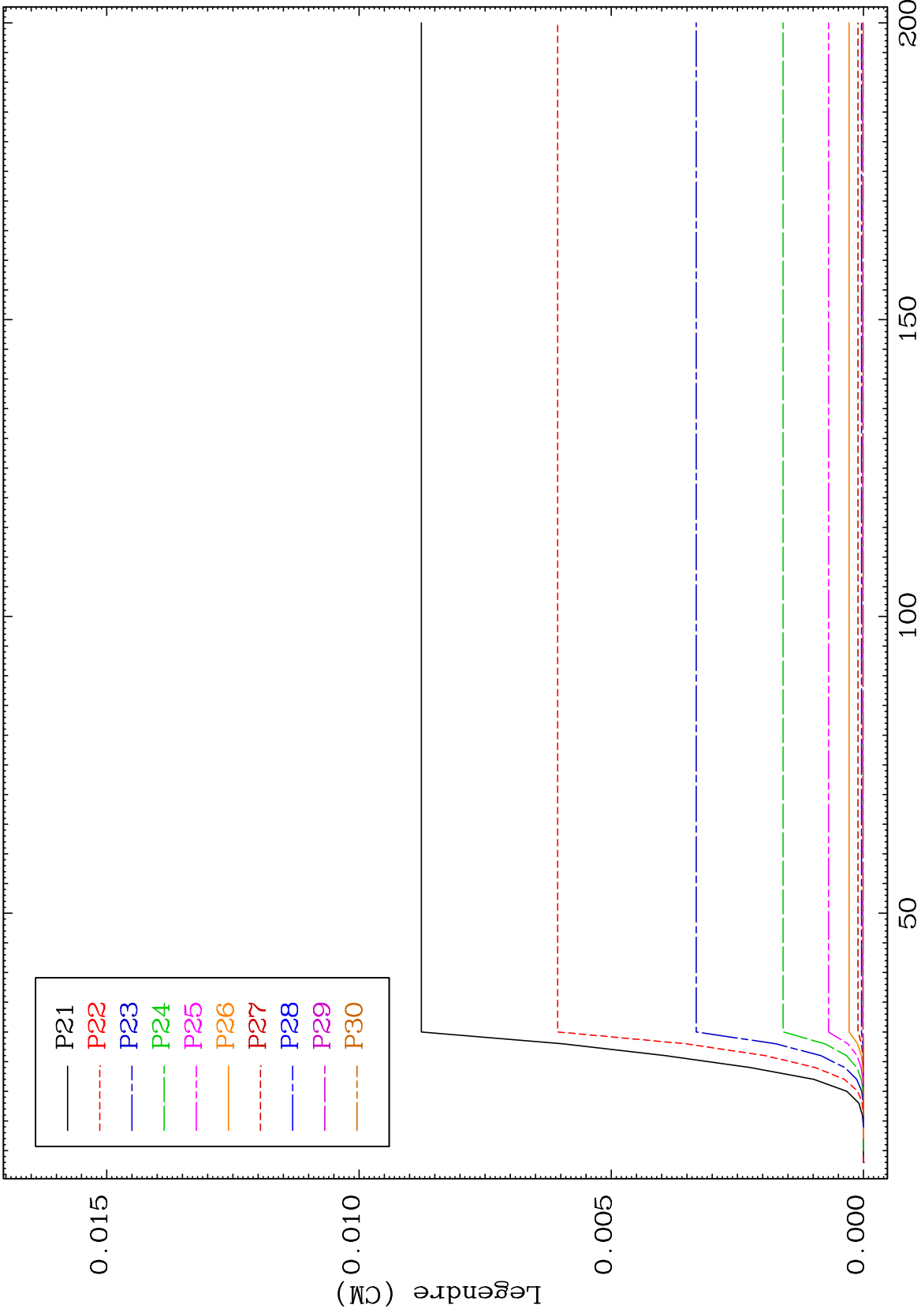
78-Pt-196



MAT 7843

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

78-Pt-196



94

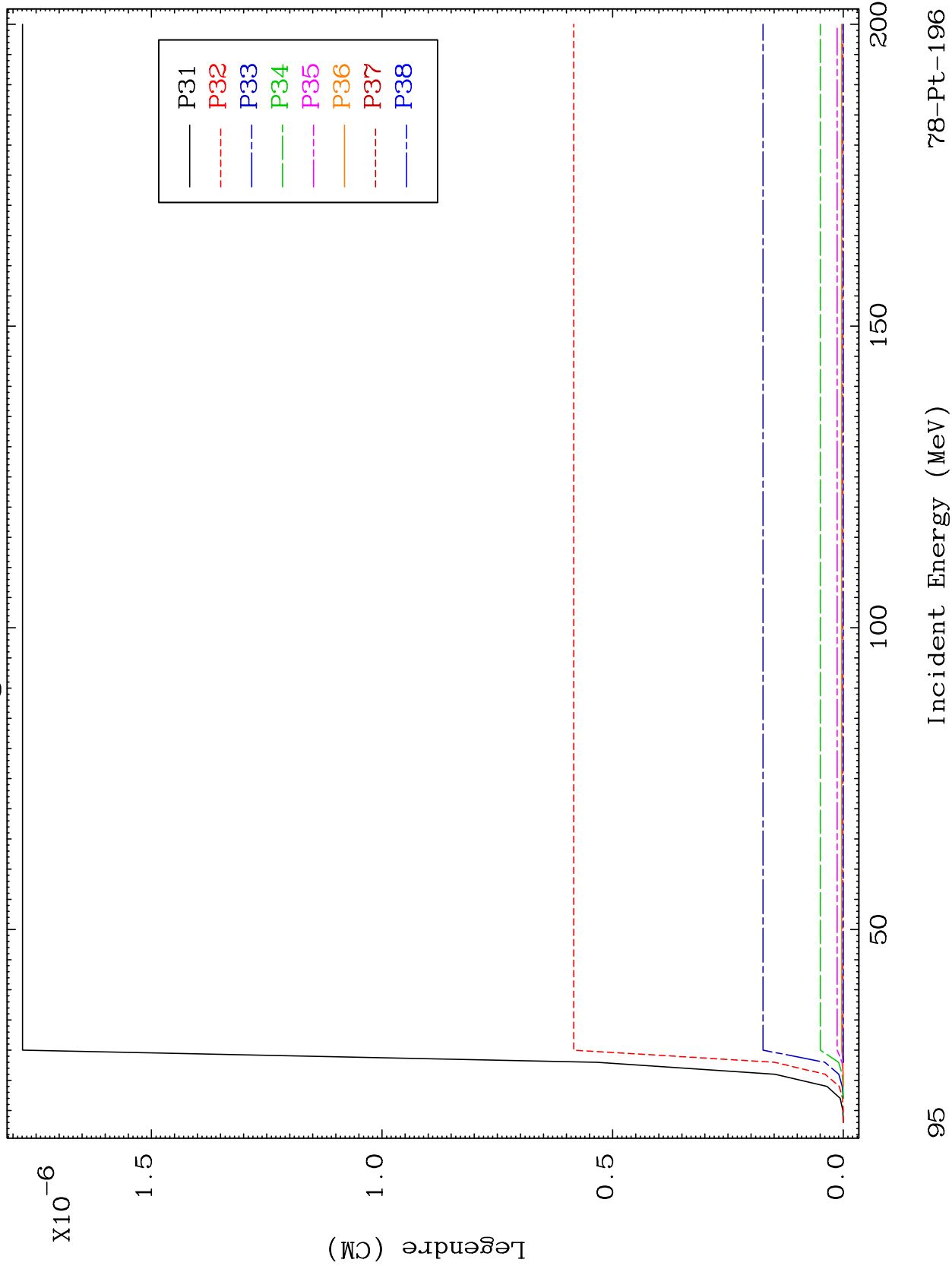
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

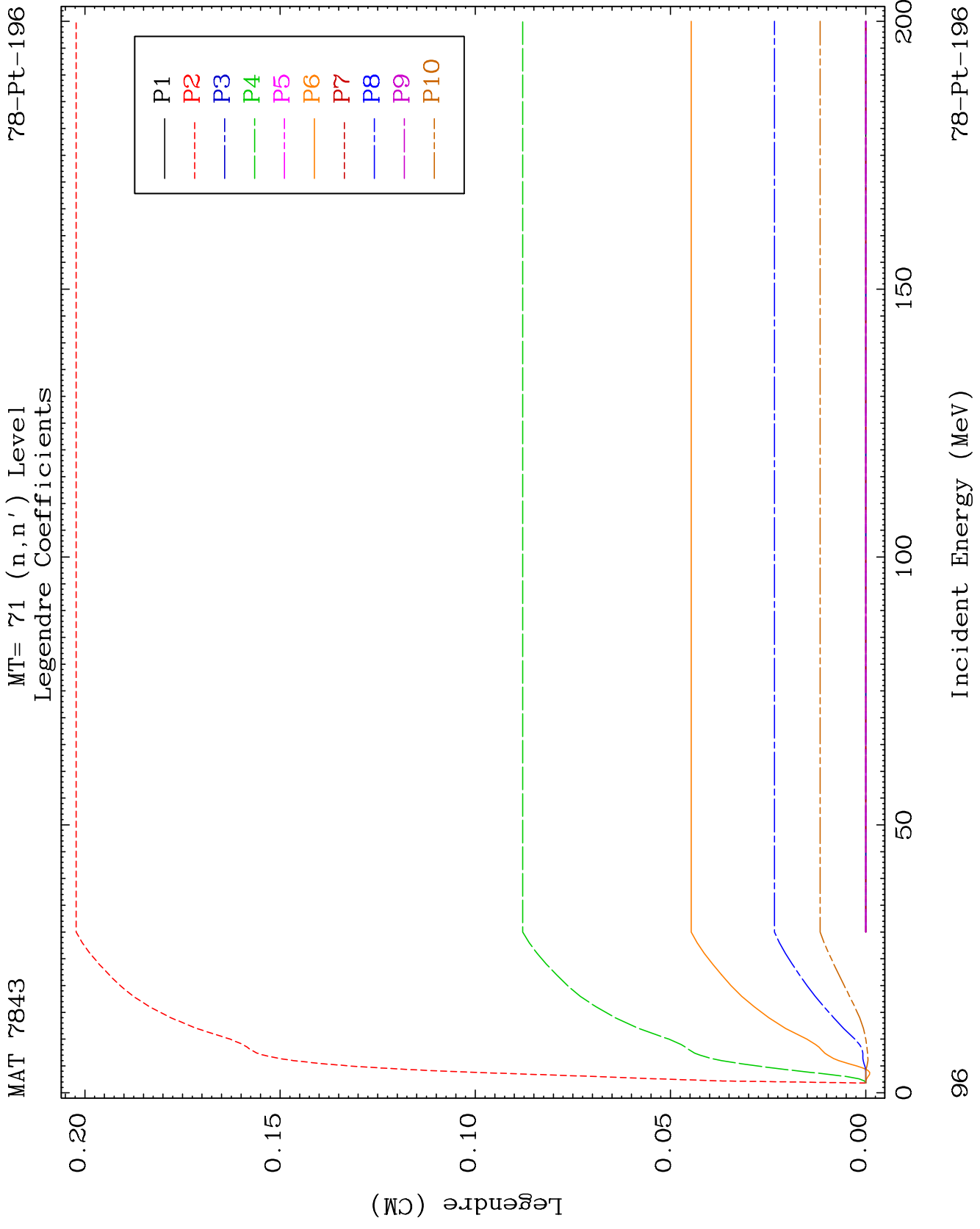
78-Pt-196



78-Pt-196

Incident Energy (MeV)

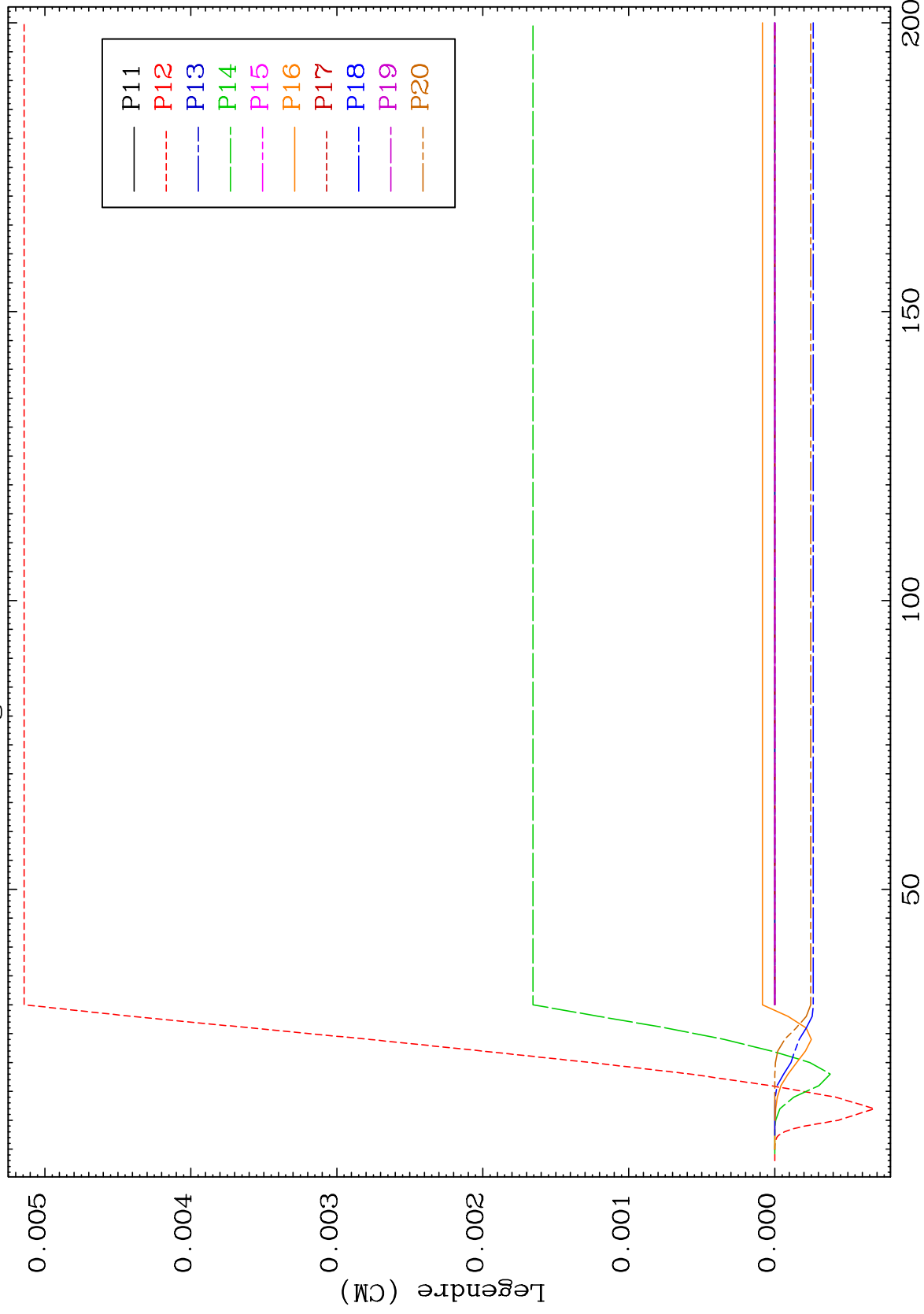
95

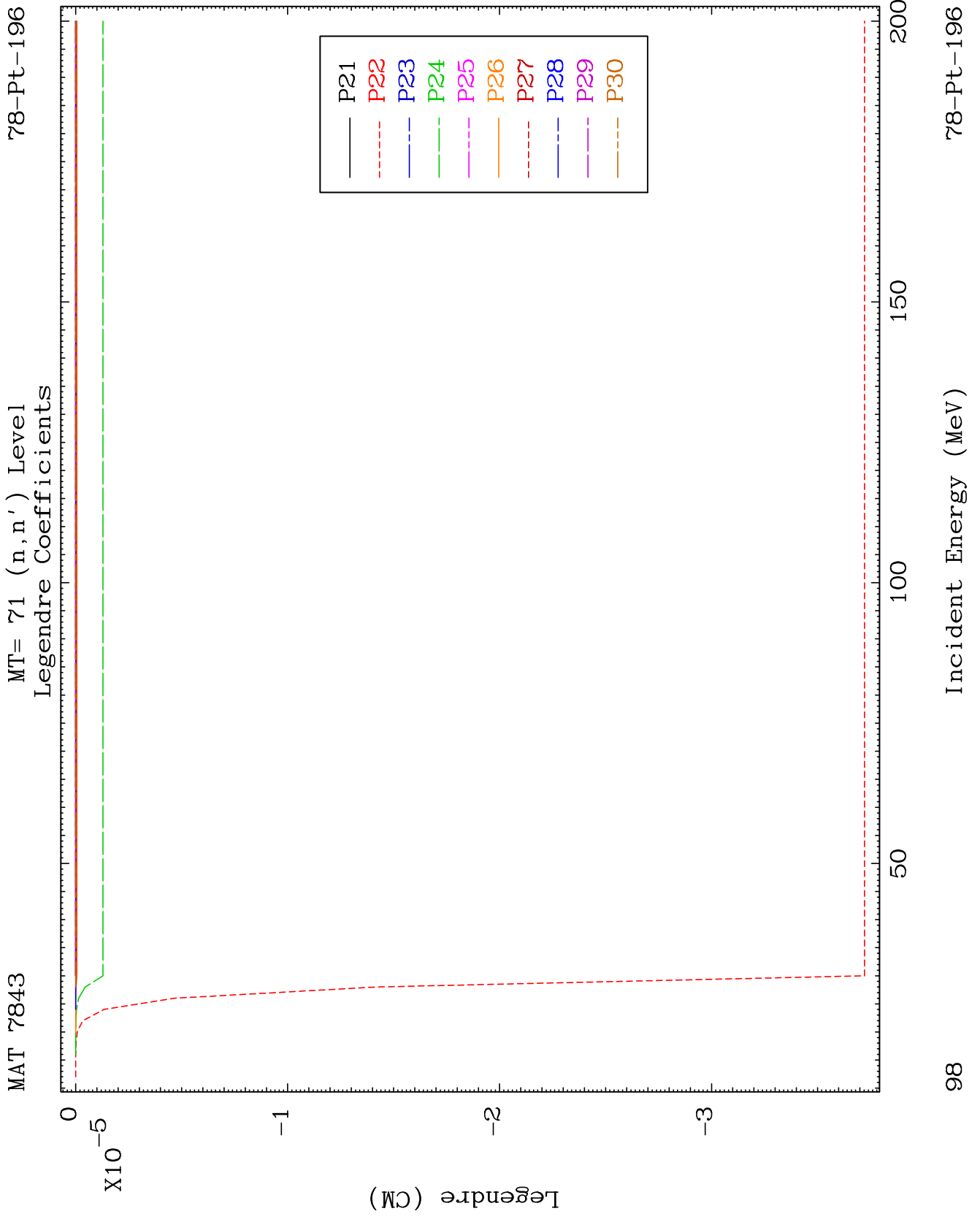


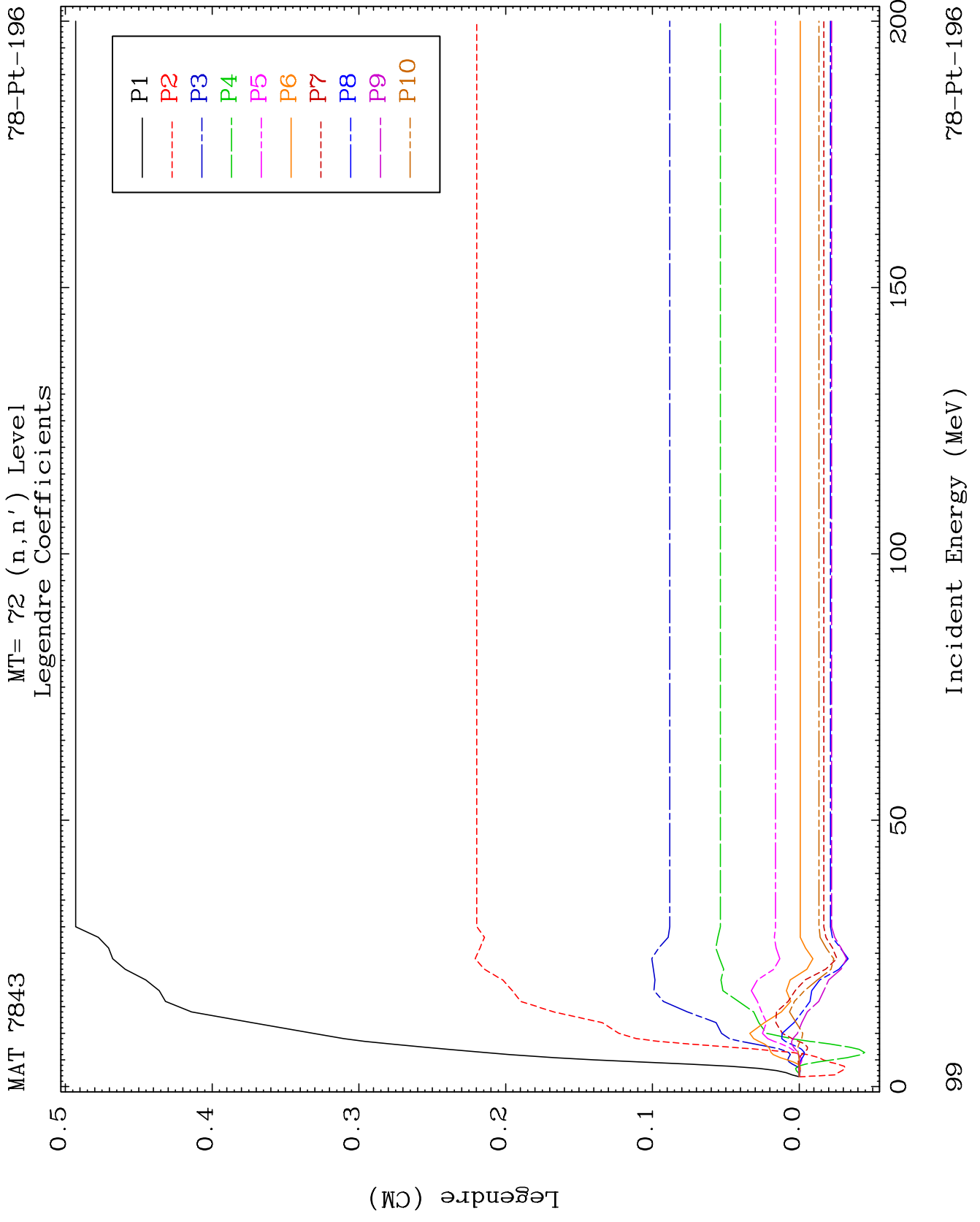
MAT 7843

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

78-Pt-196



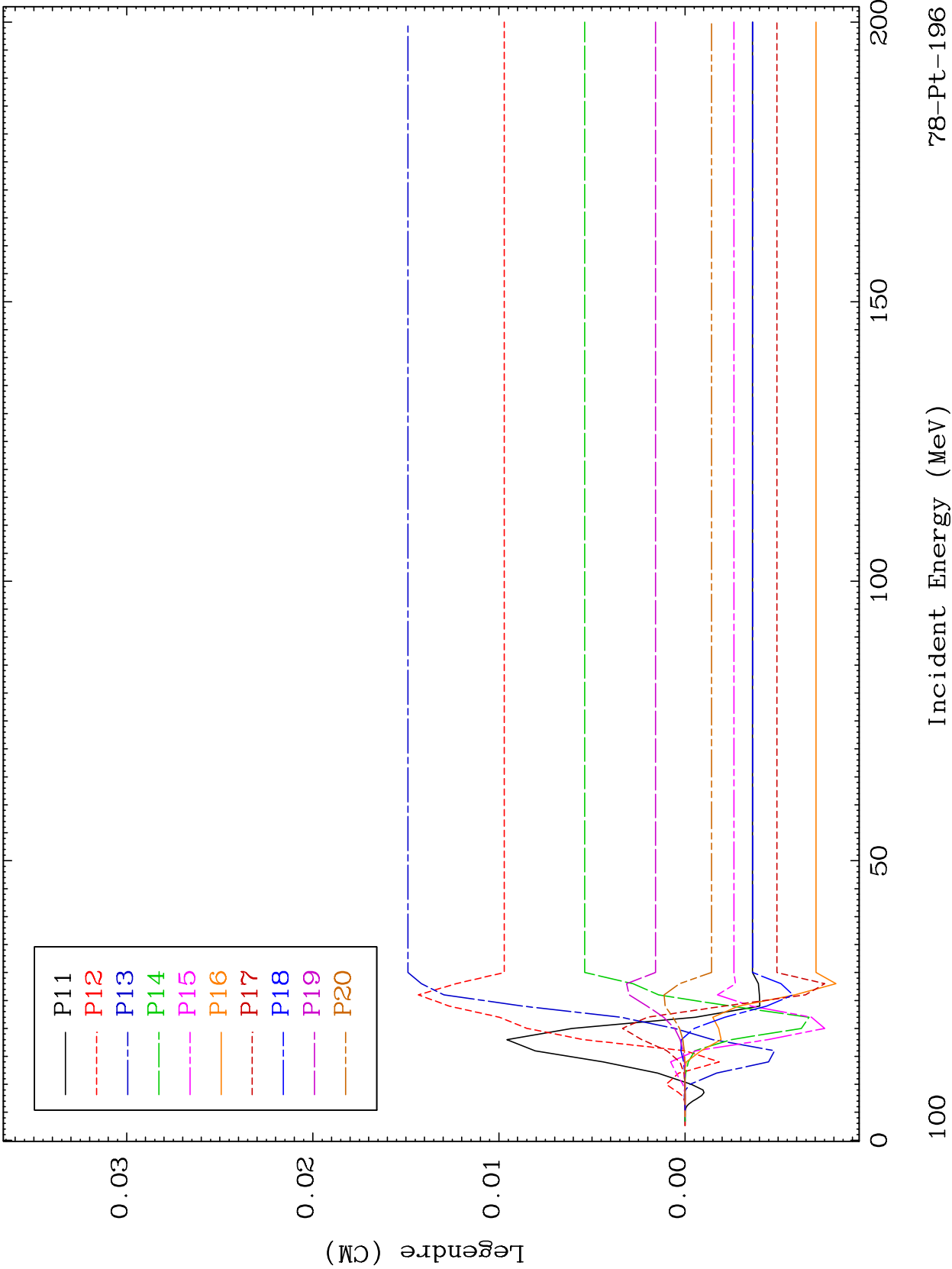




MAT 7843

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

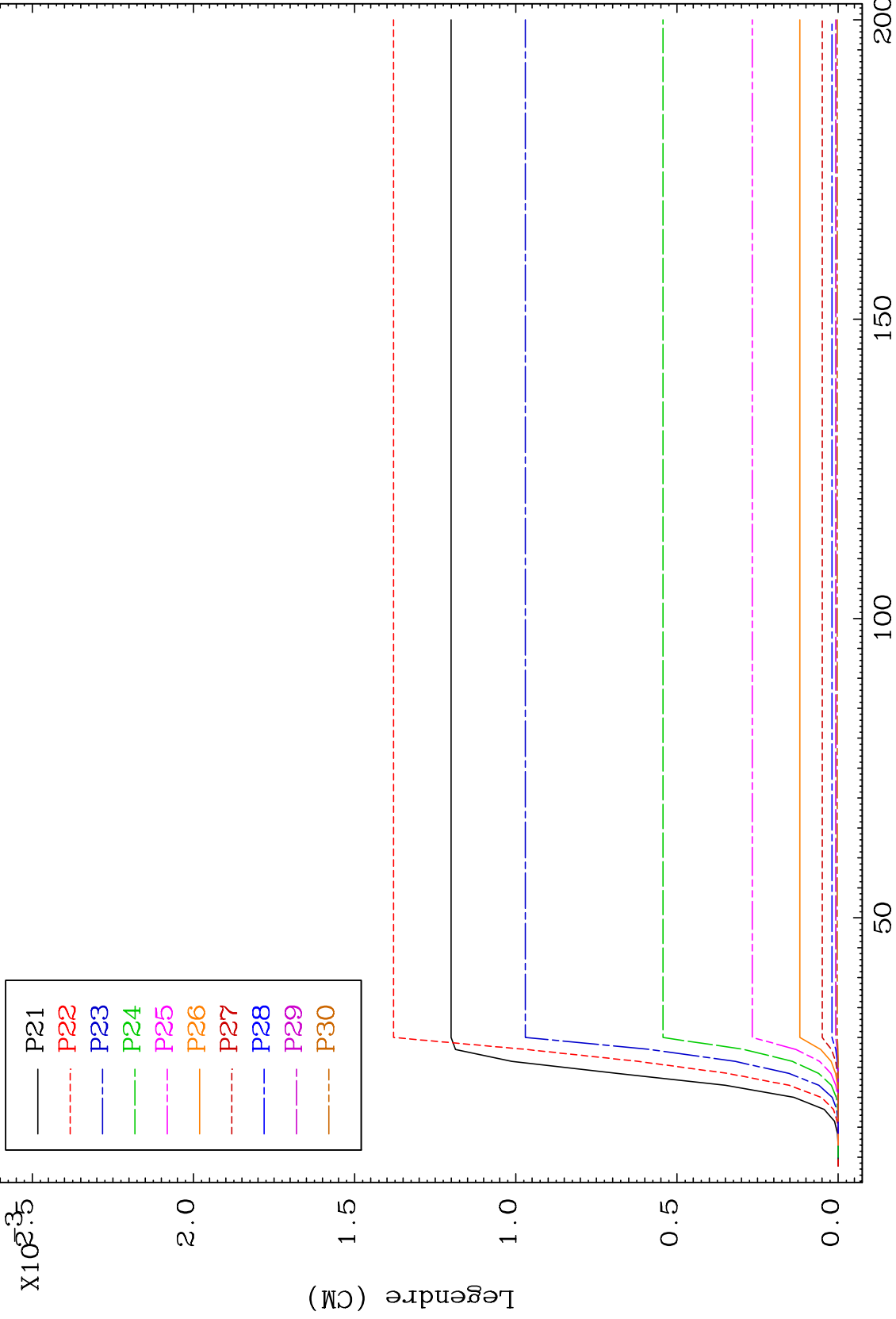
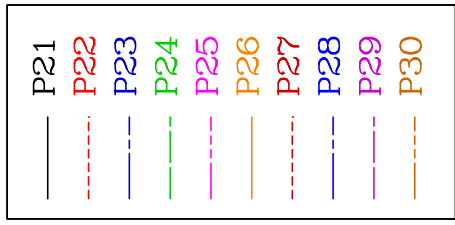
78-Pt-196



MAT 7843

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

78-Pt-196



101

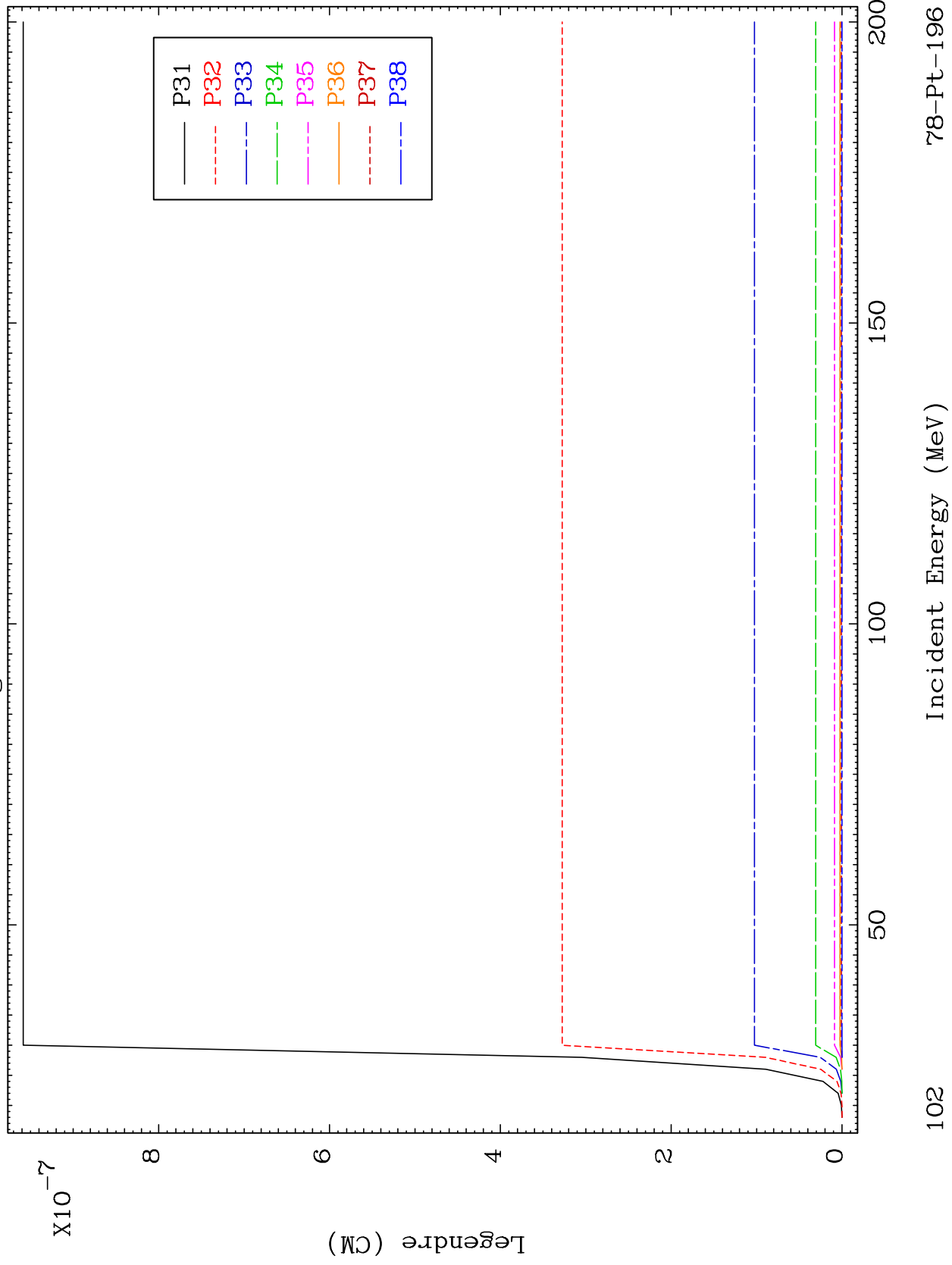
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



102

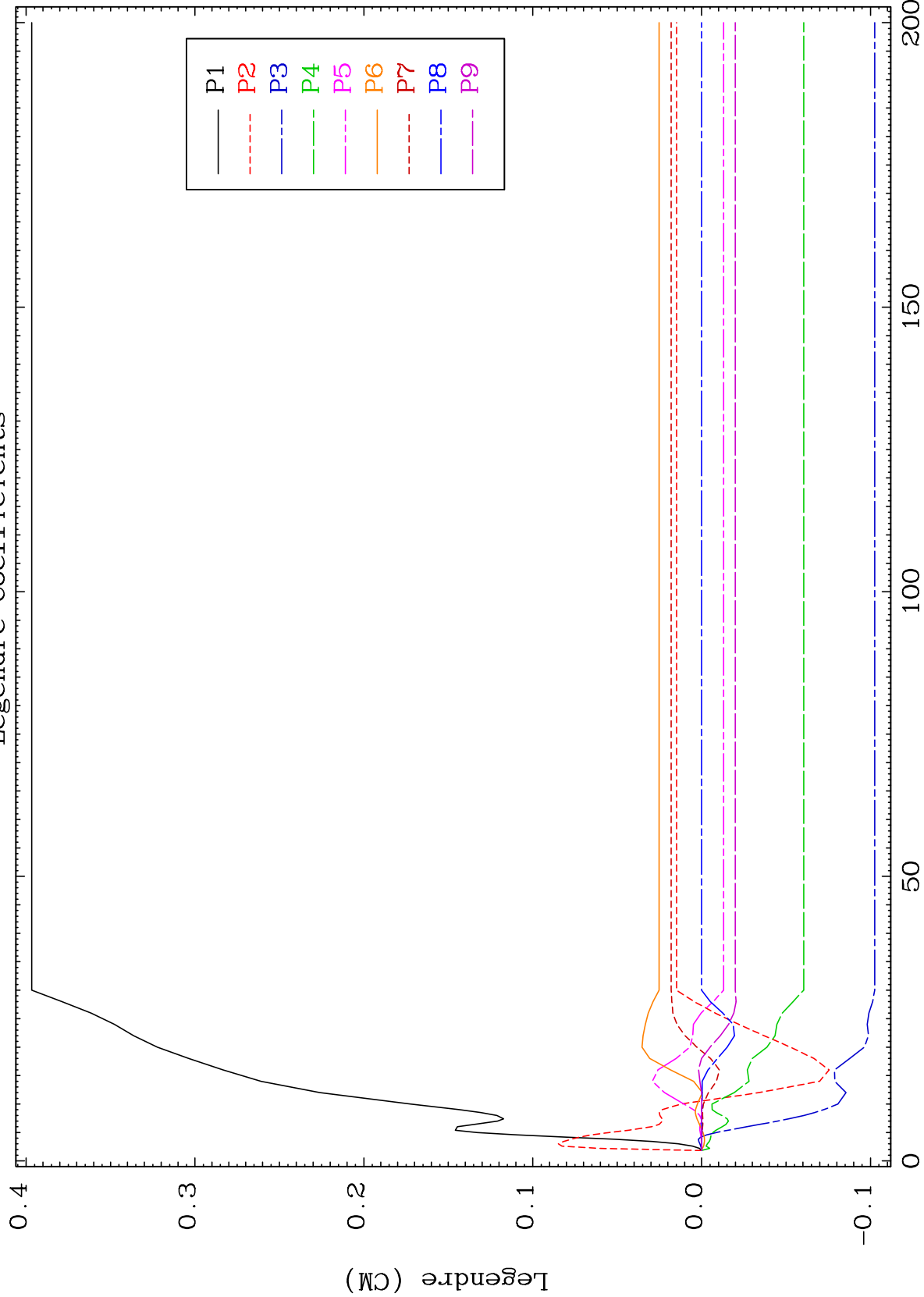
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



78-Pt-196

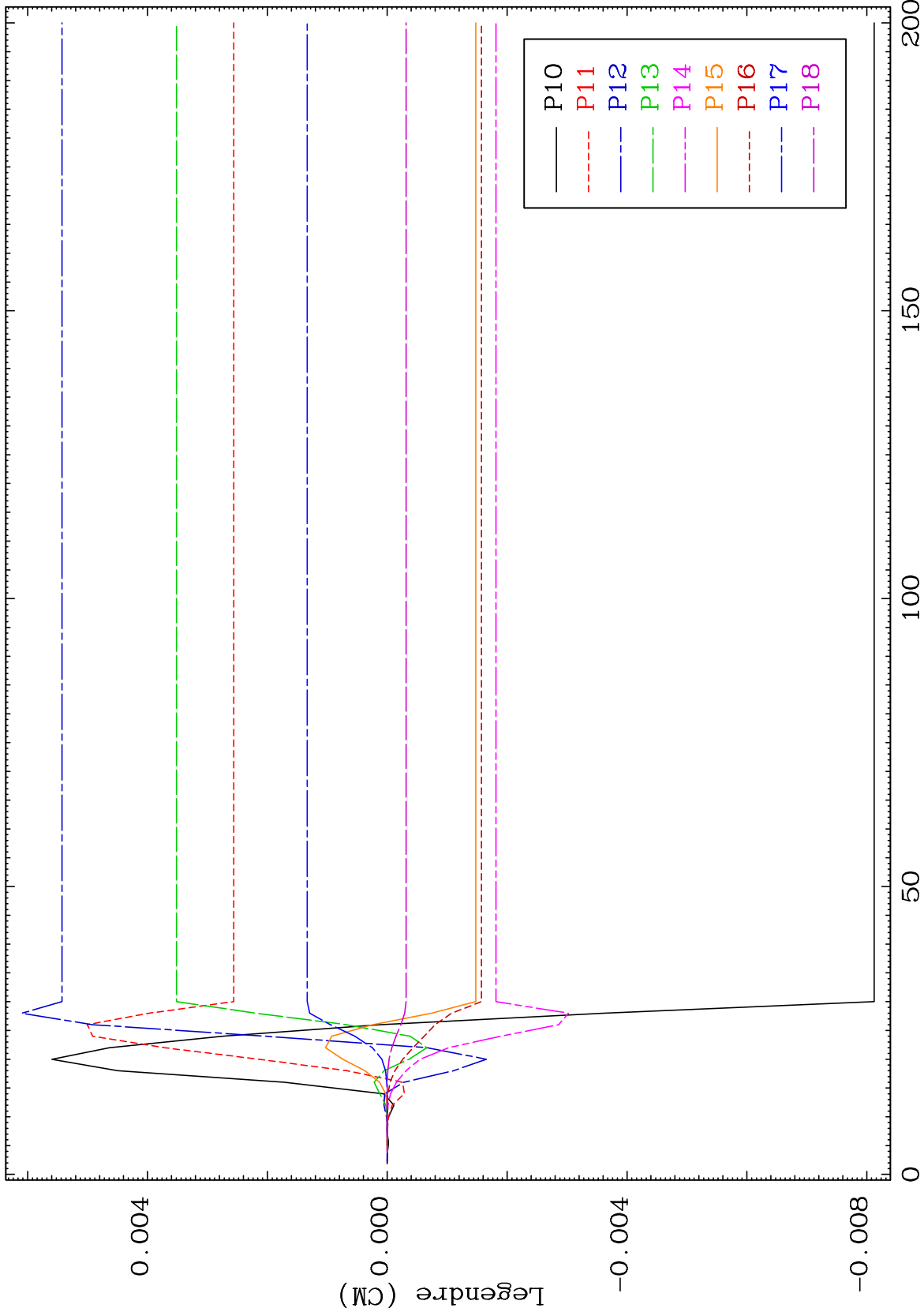
Incident Energy (MeV)

103

MAT 7843

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

78-Pt-196



104

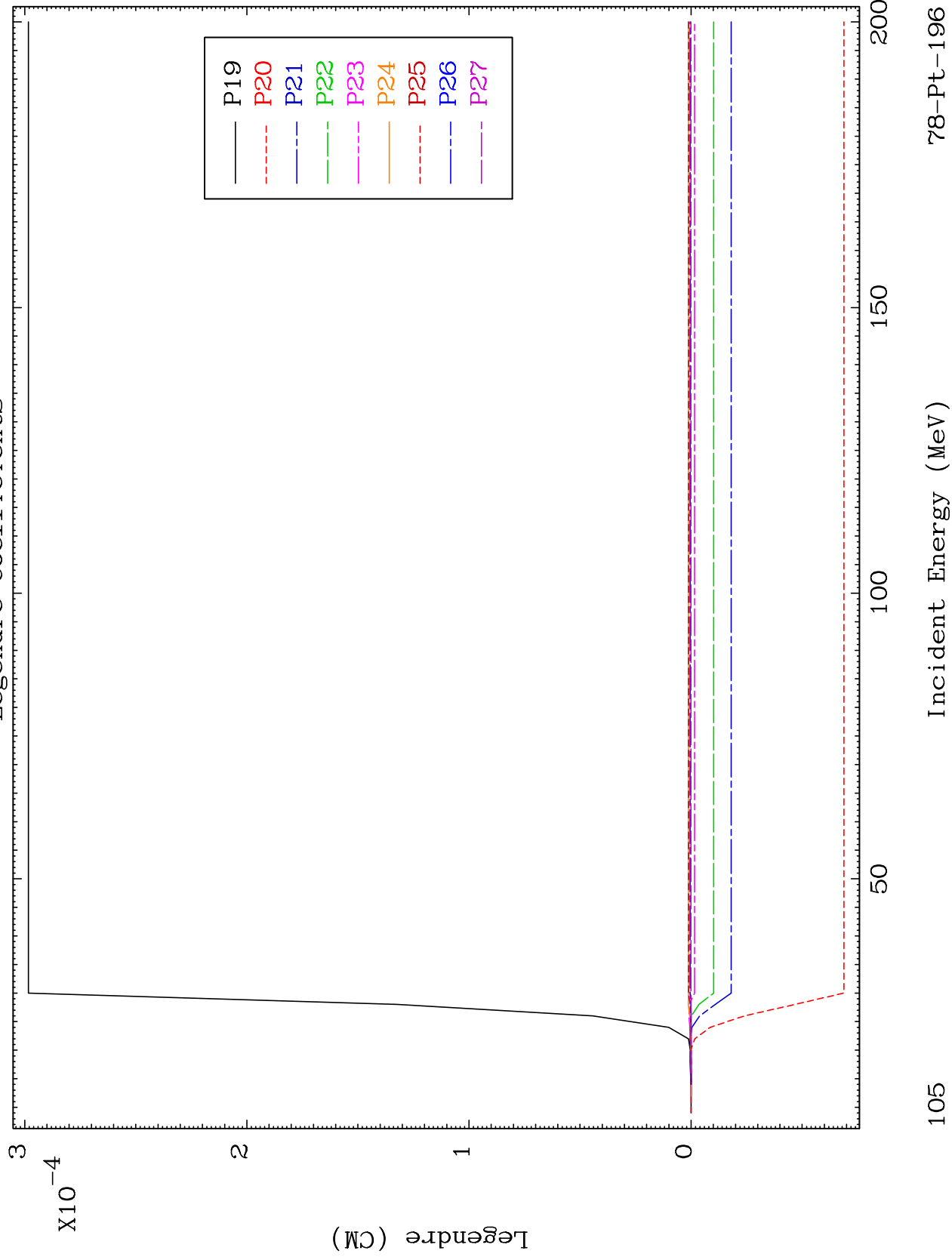
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



78-Pt-196

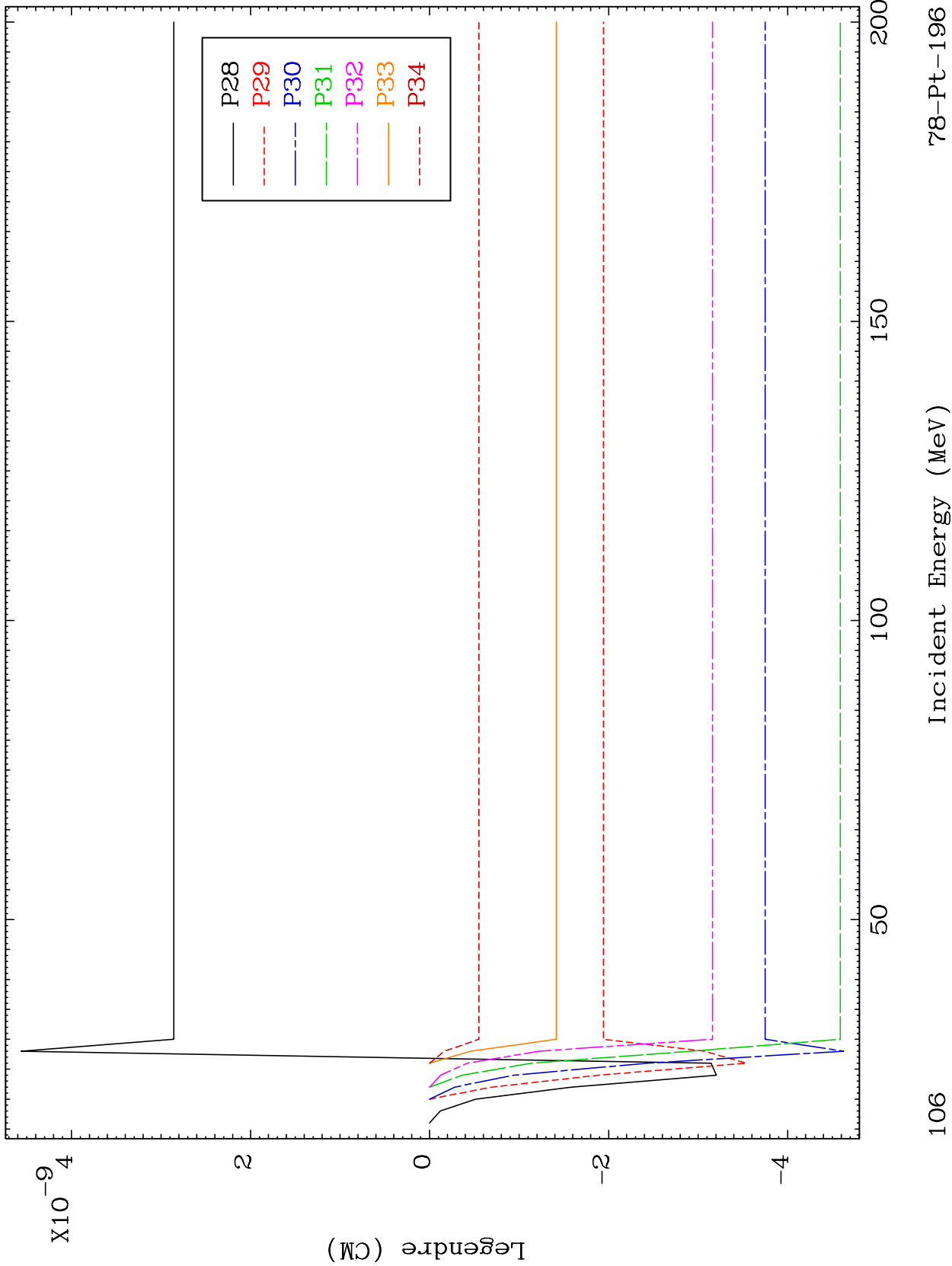
Incident Energy (MeV)

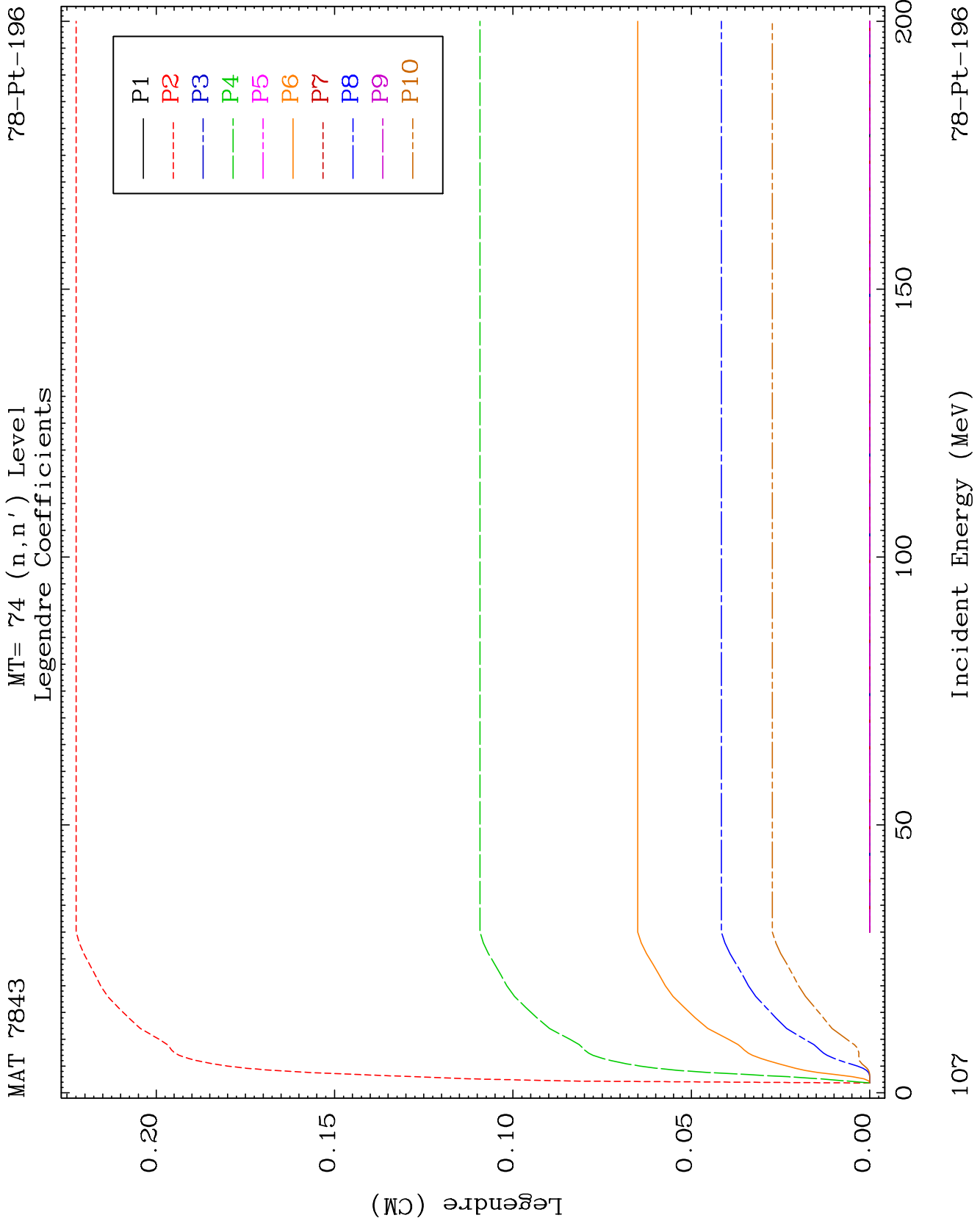
105

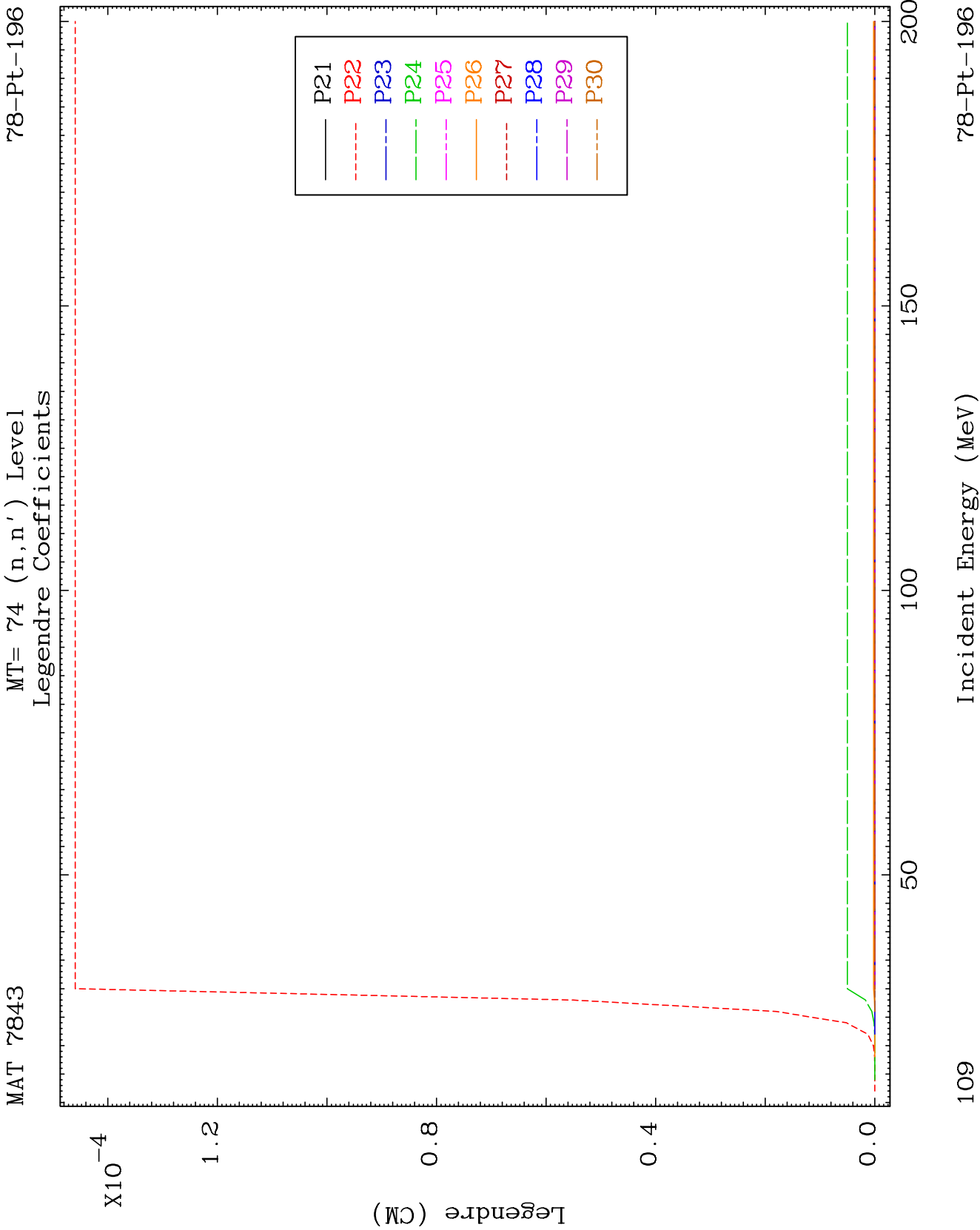
MAT 7843

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

78-Pt-196



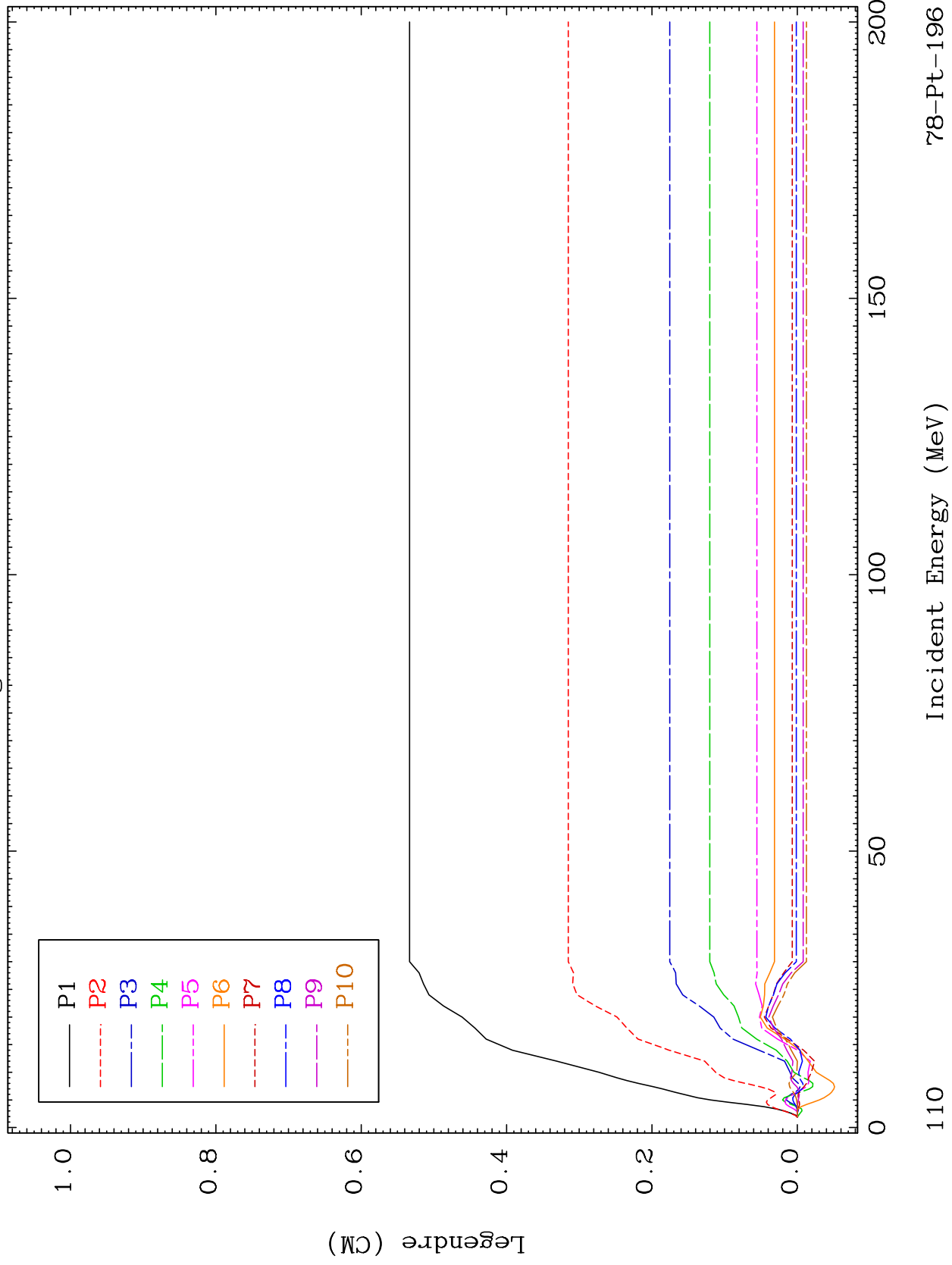




MAT 7843

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

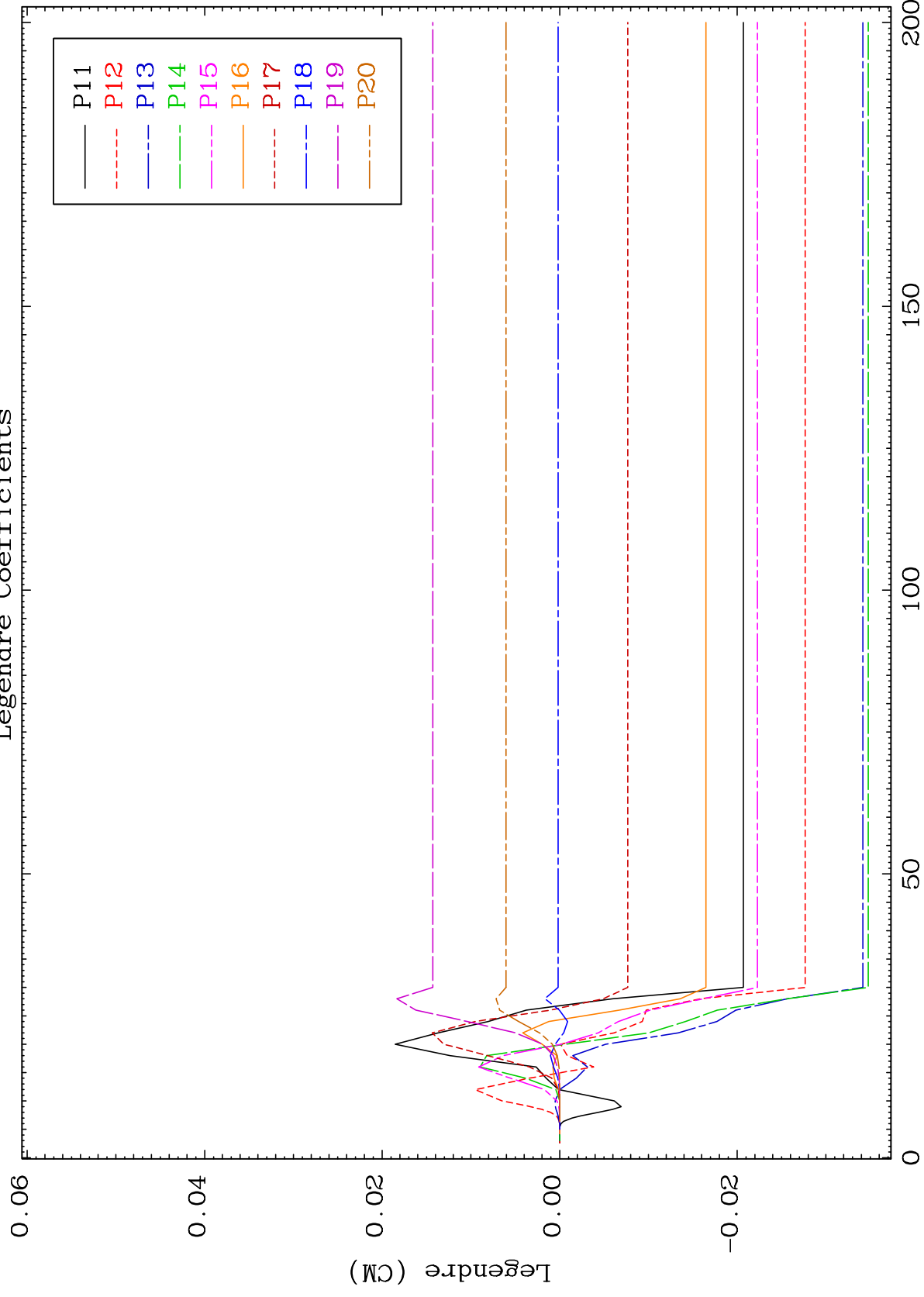
78-Pt-196



MAT 7843

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

78-Pt-196



111

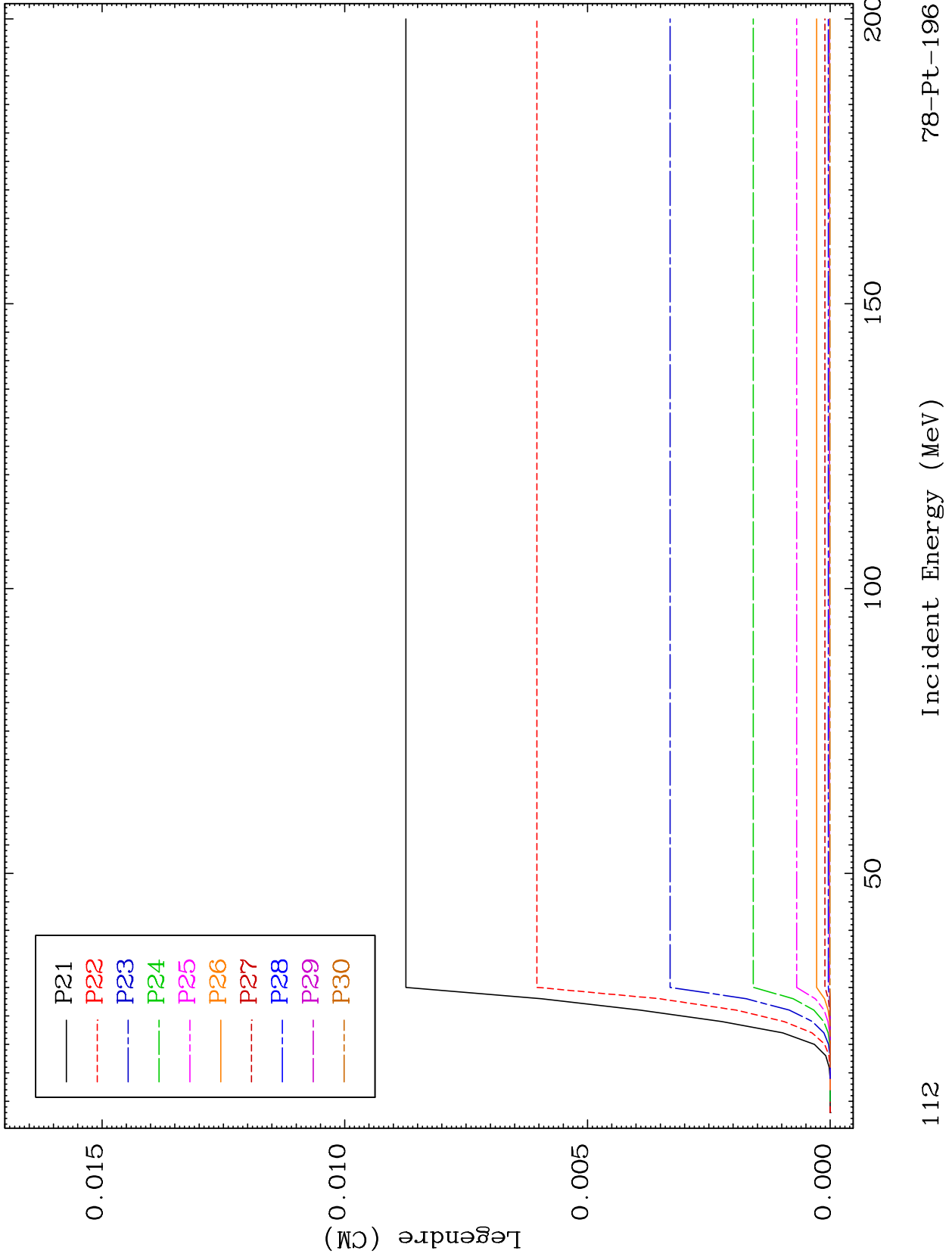
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



112

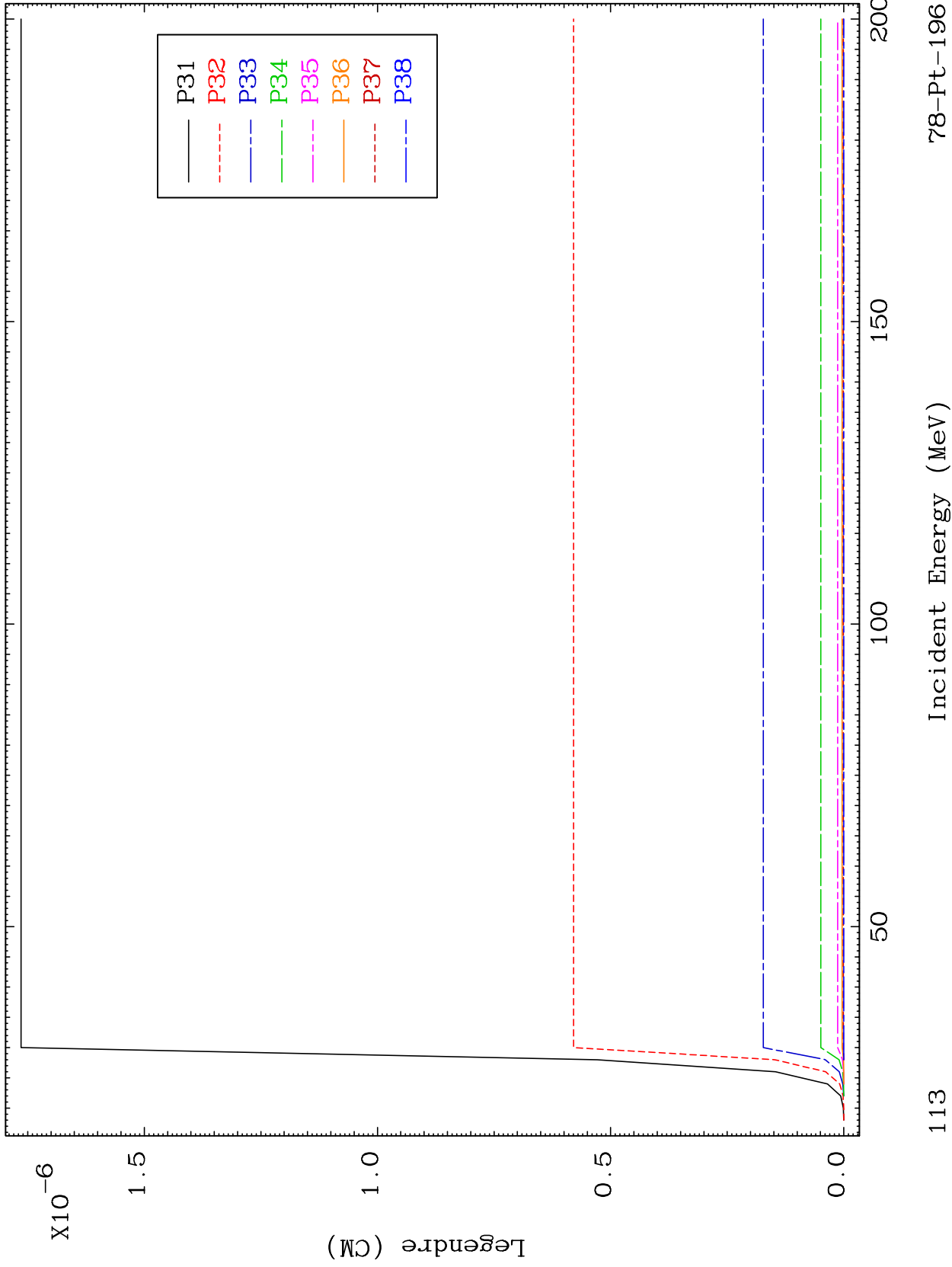
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196

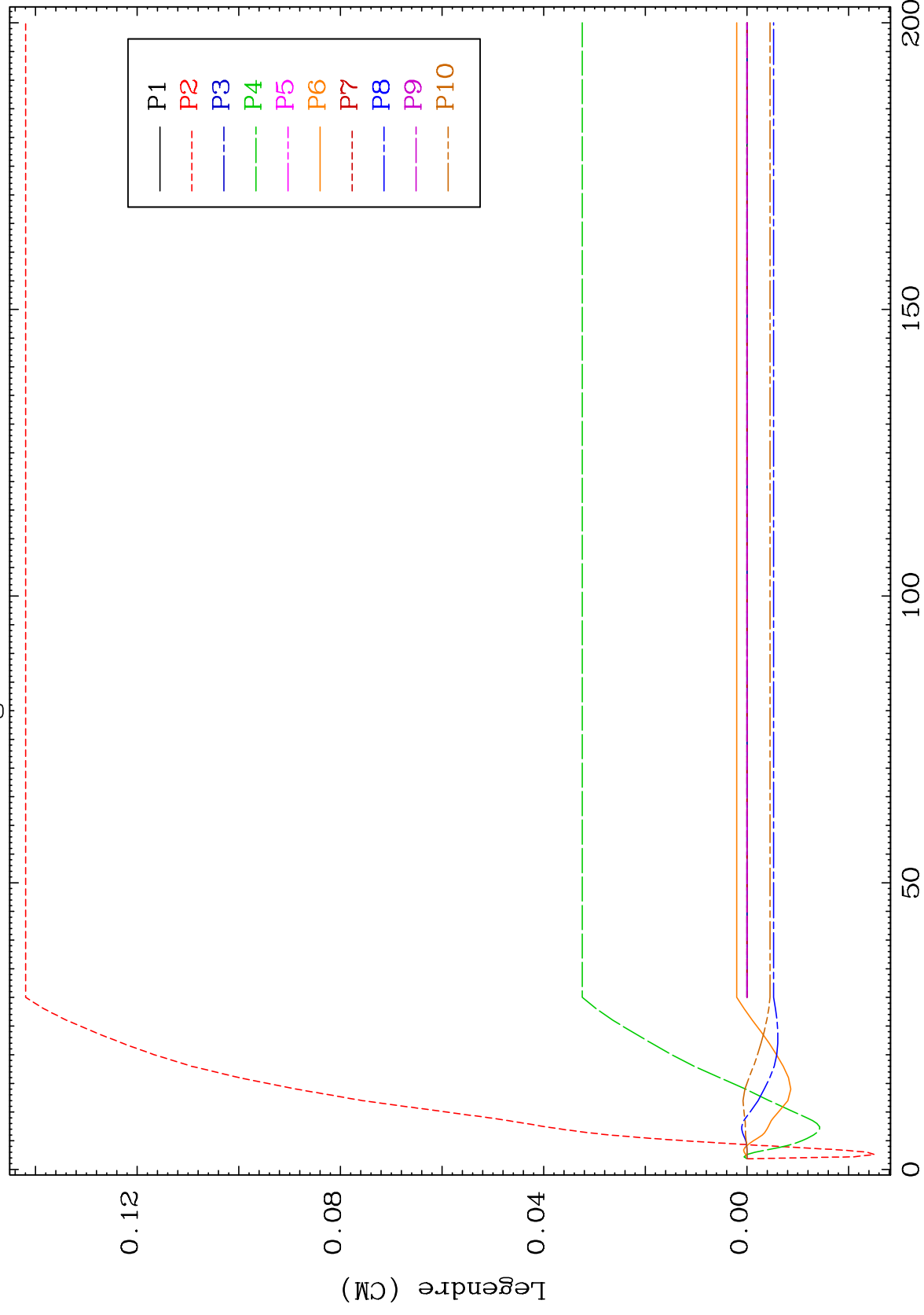


113

MAT 7843

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

78-Pt-196



114

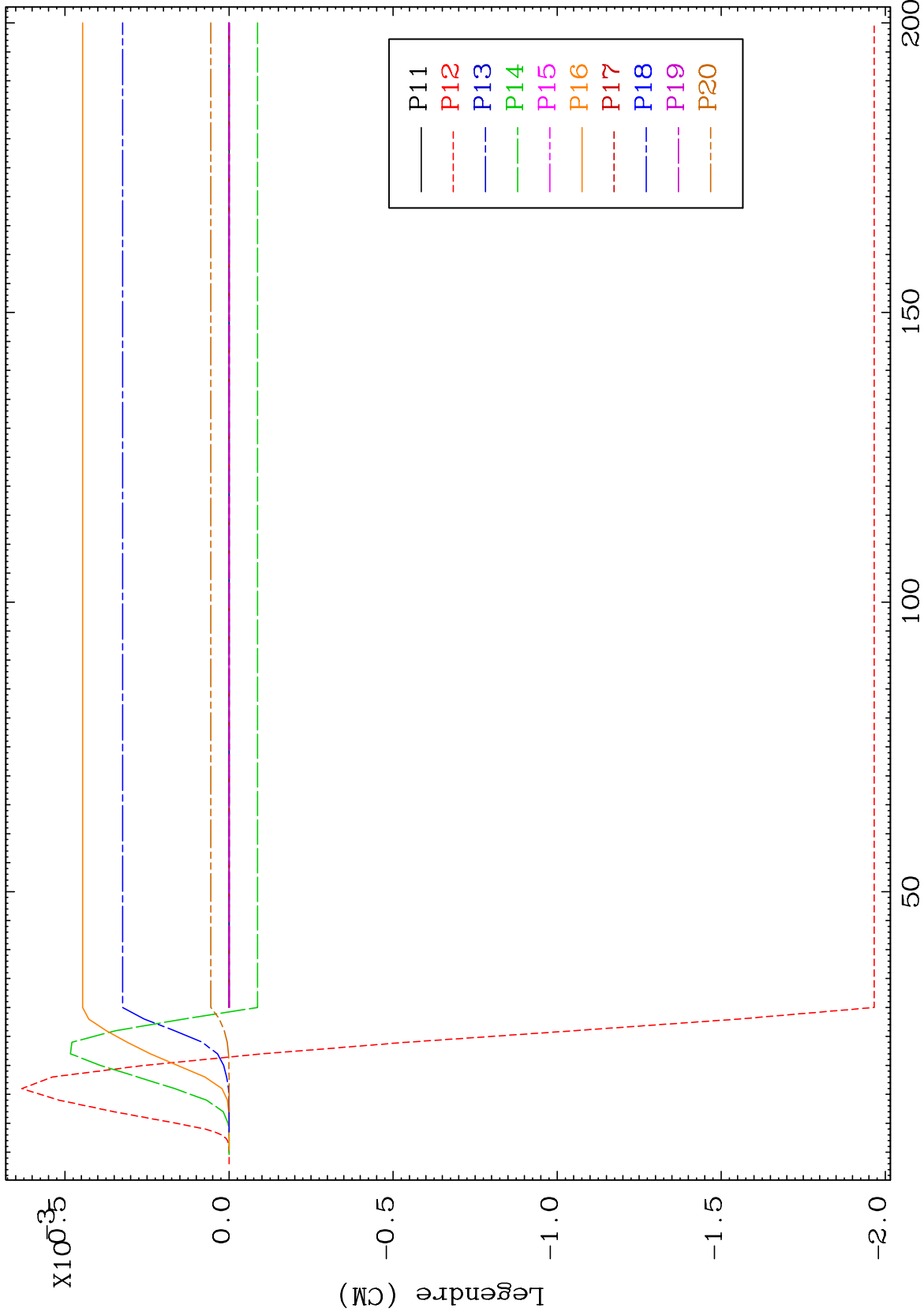
Incident Energy (MeV)

78-Pt-196

MAT 7843

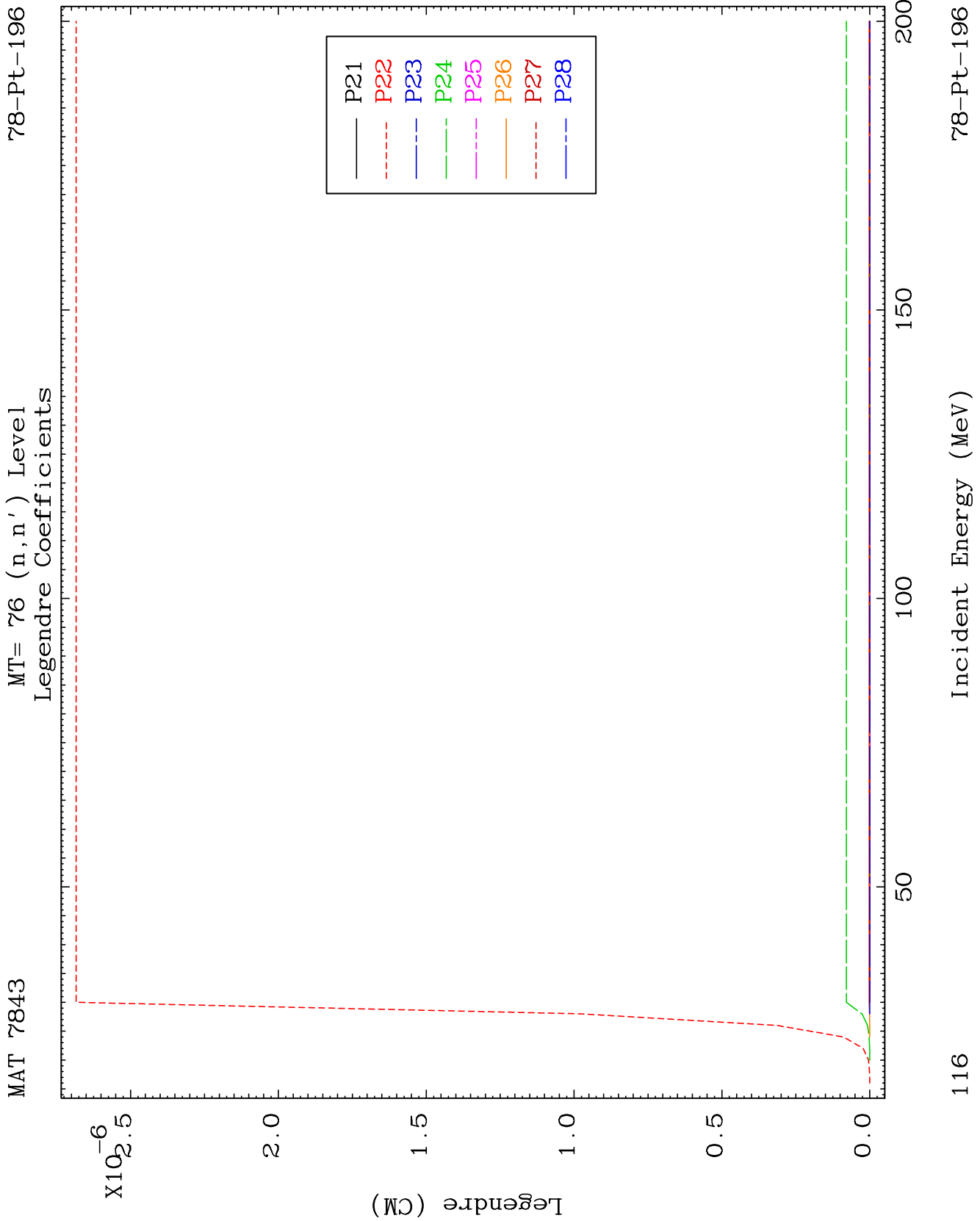
MT= 76 (n,n') Level
Legendre Coefficients

78-Pt-196



115

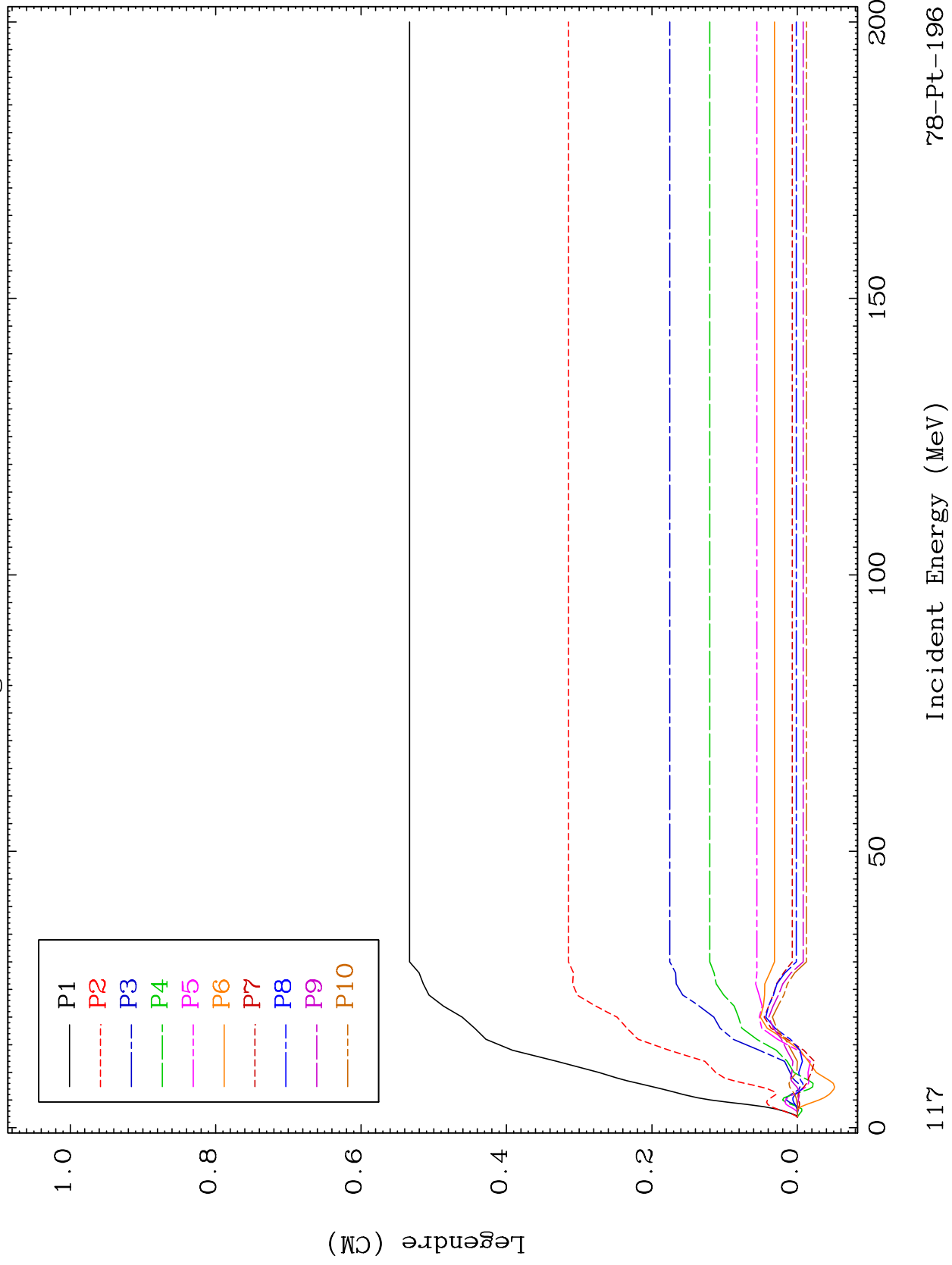
78-Pt-196



MAT 7843

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

78-Pt-196



117

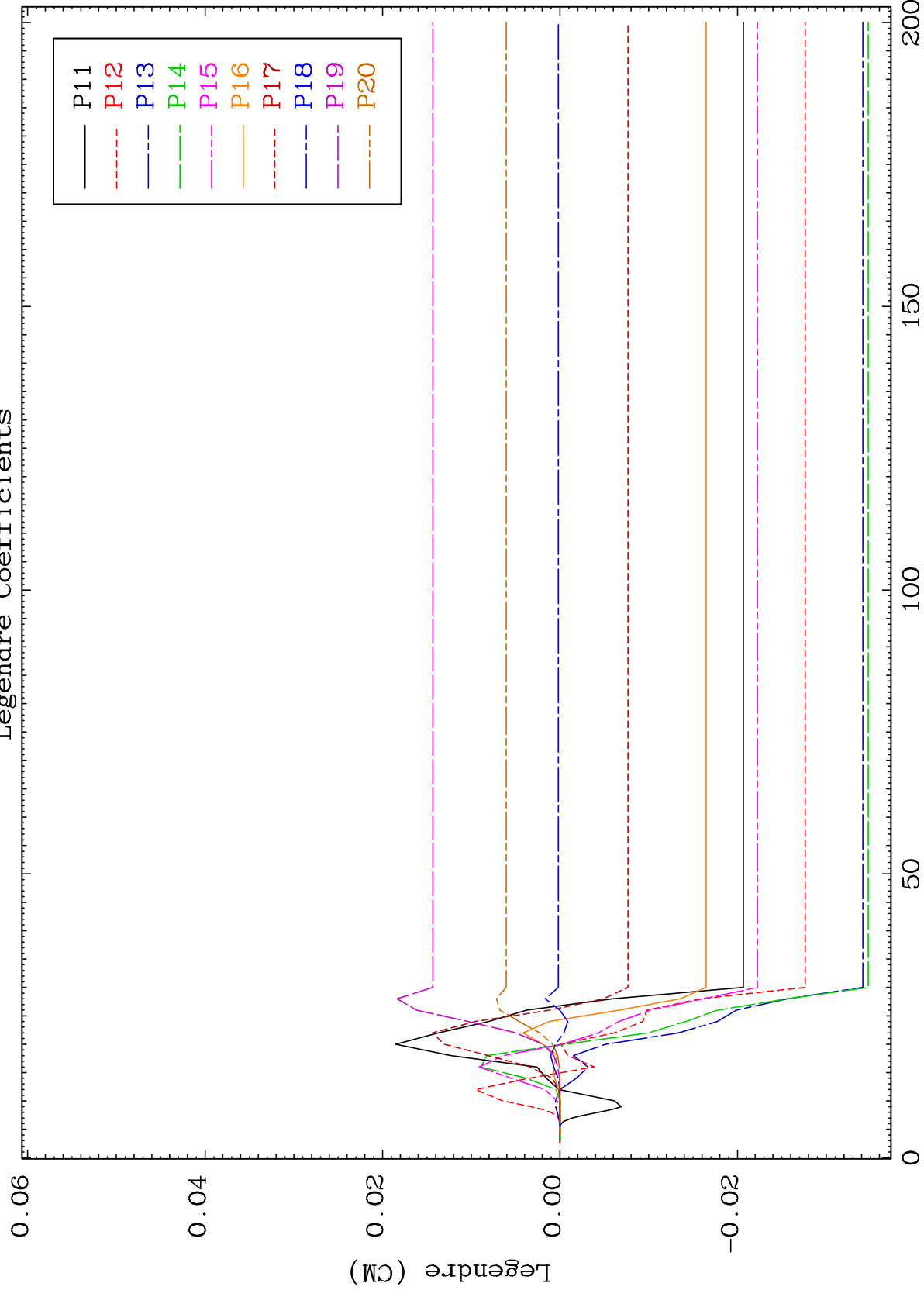
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

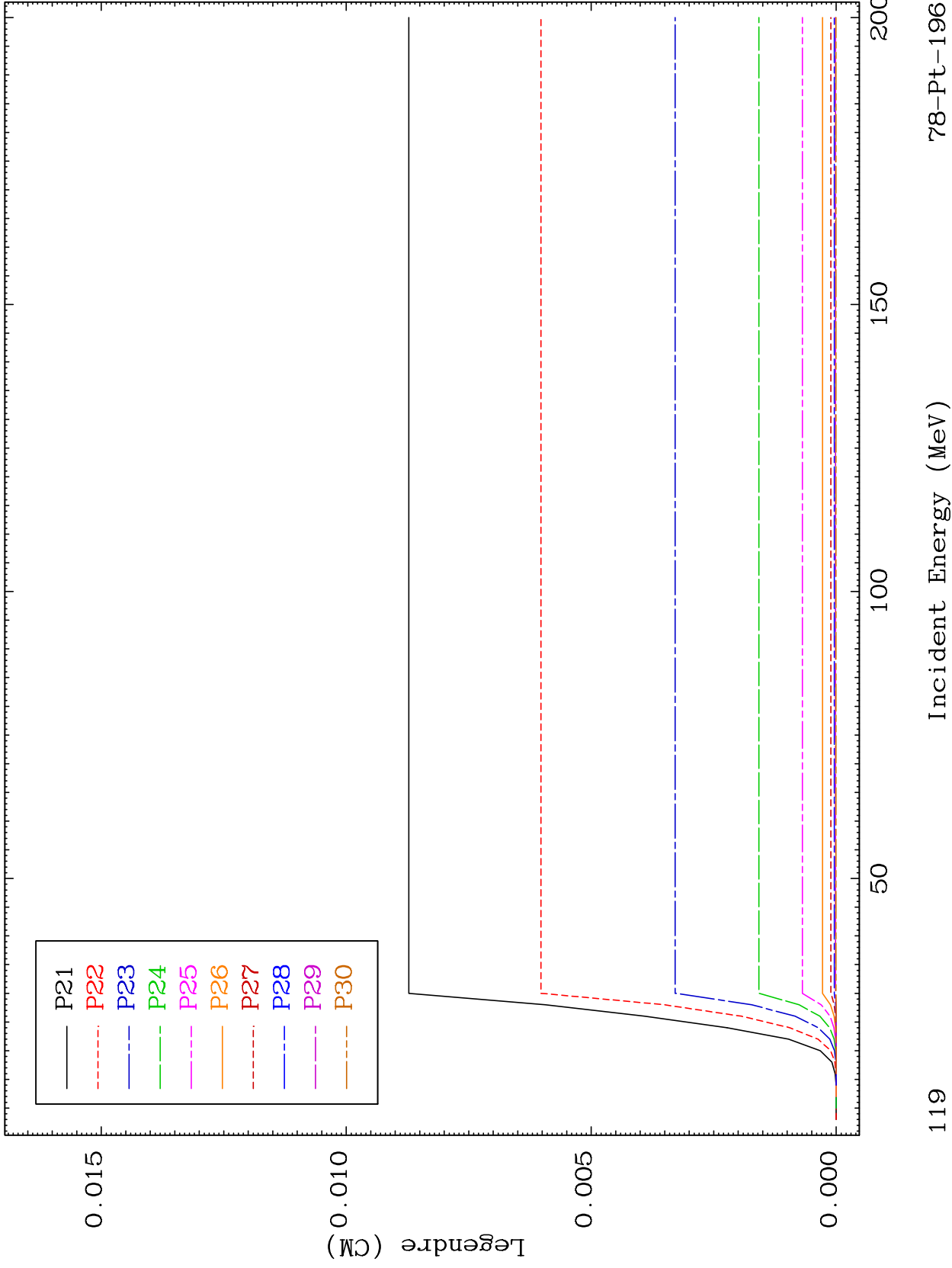
78-Pt-196



118

Incident Energy (MeV)

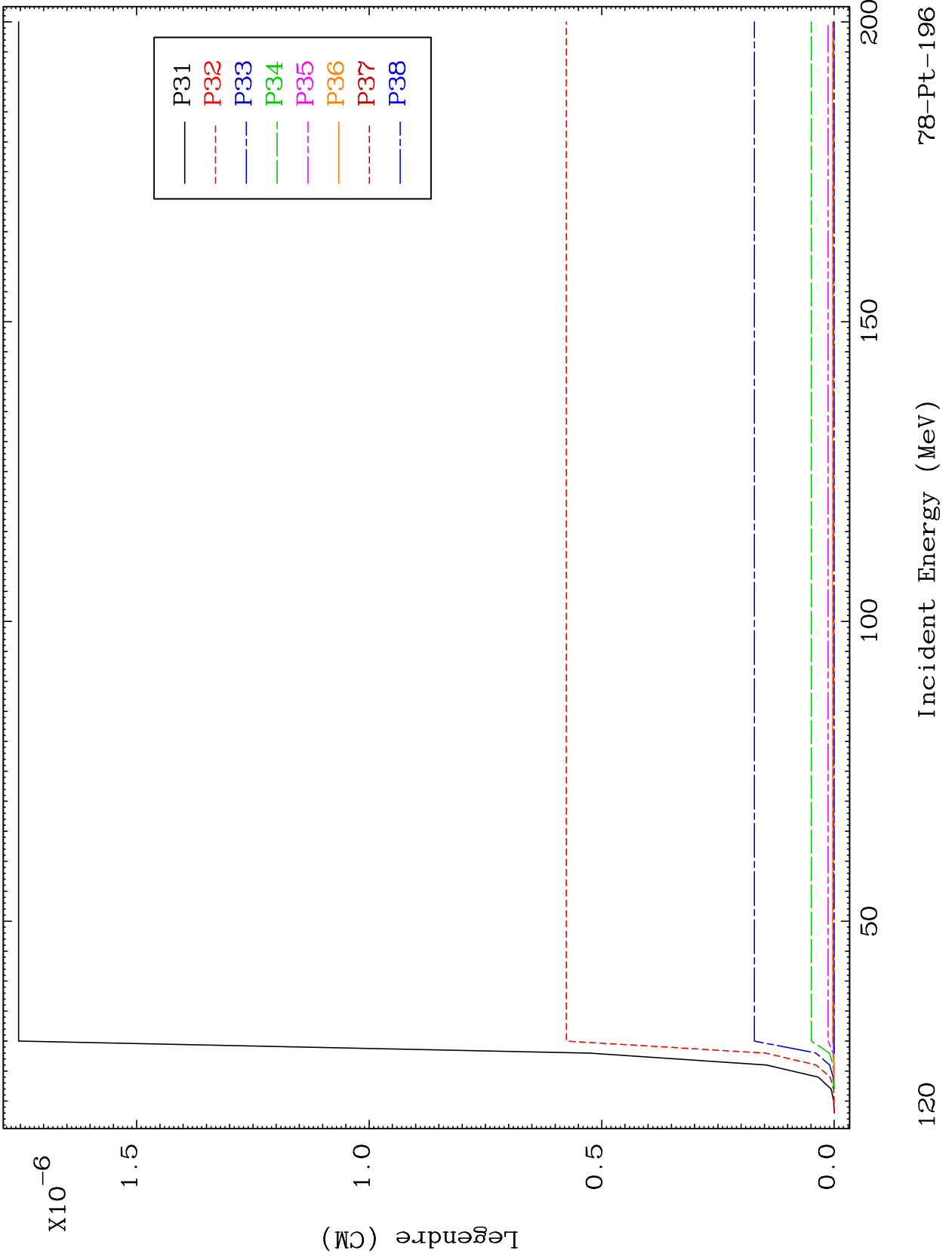
78-Pt-196



MAT 7843

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

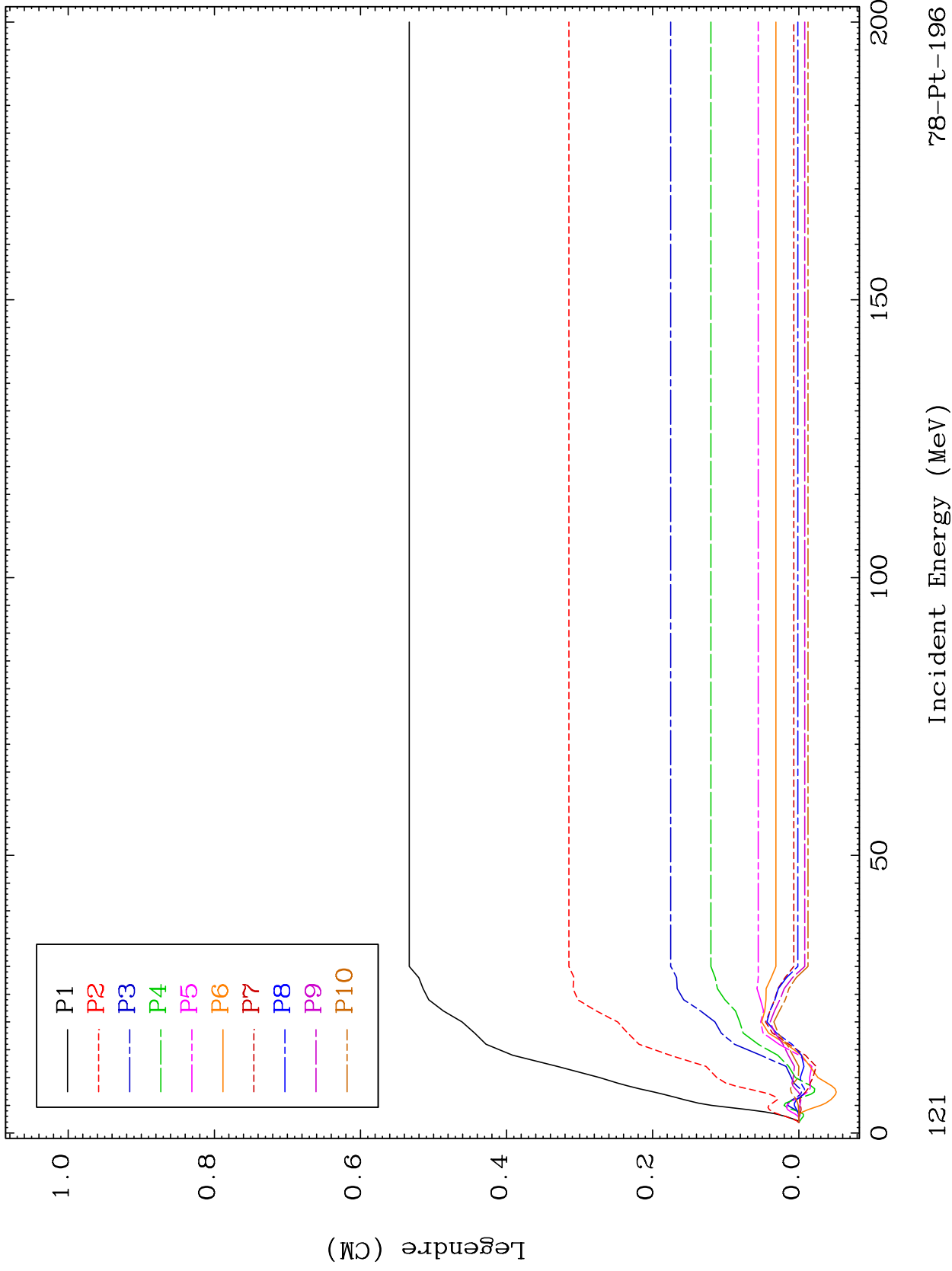
78-Pt-196



MAT 7843

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

78-Pt-196

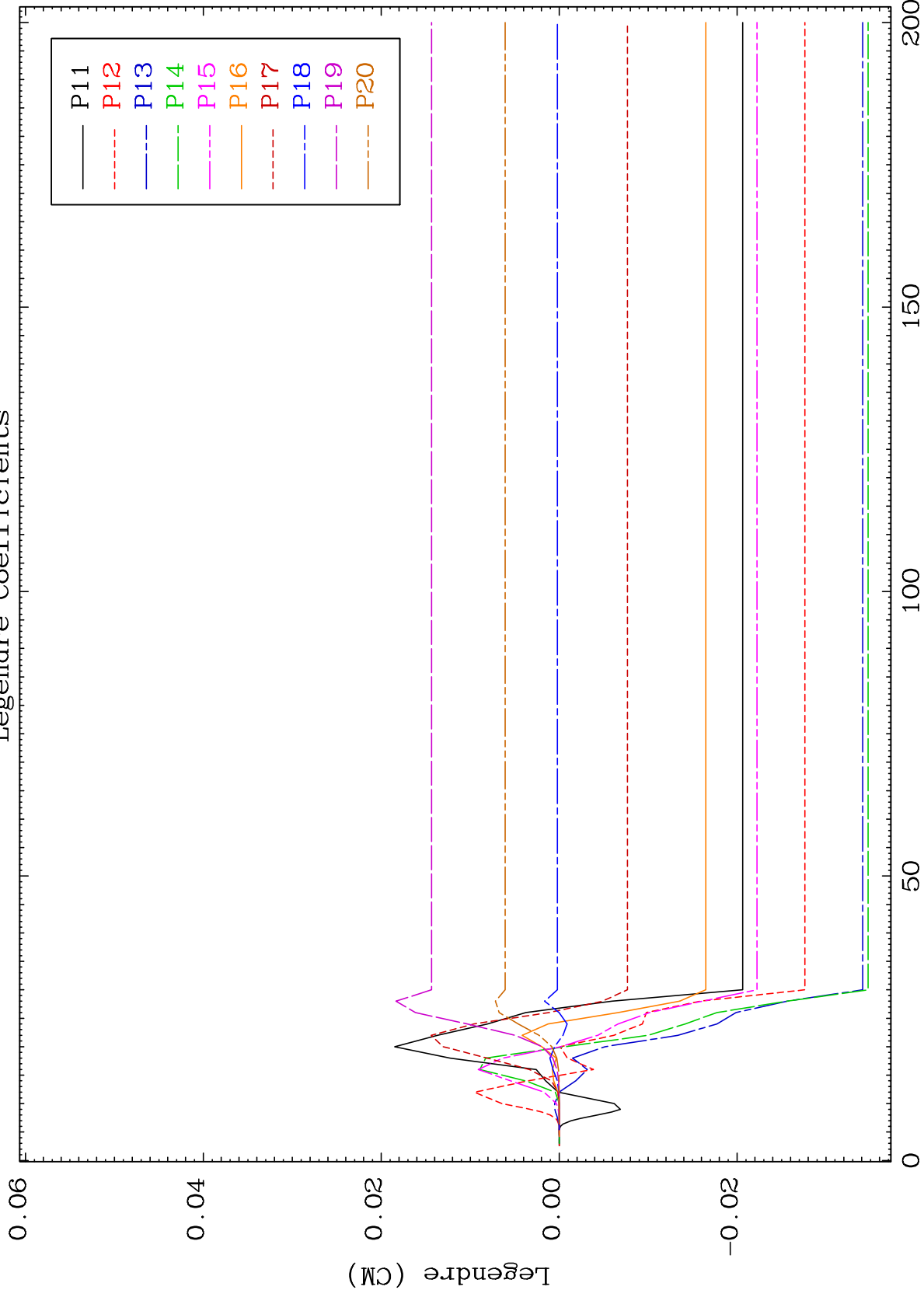


121

MAT 7843

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

78-Pt-196



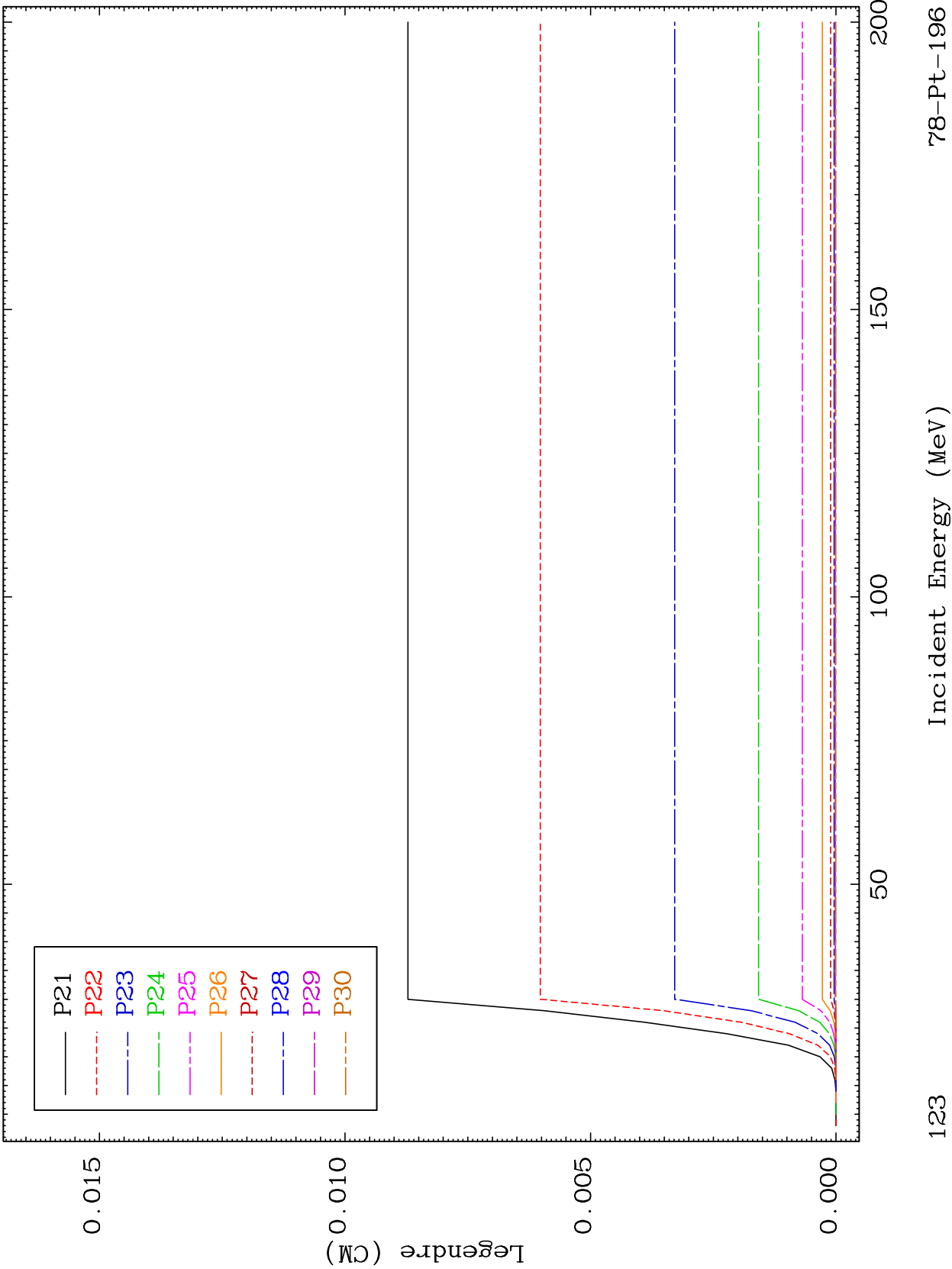
122

78-Pt-196

MAT 7843

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

78-Pt-196



123

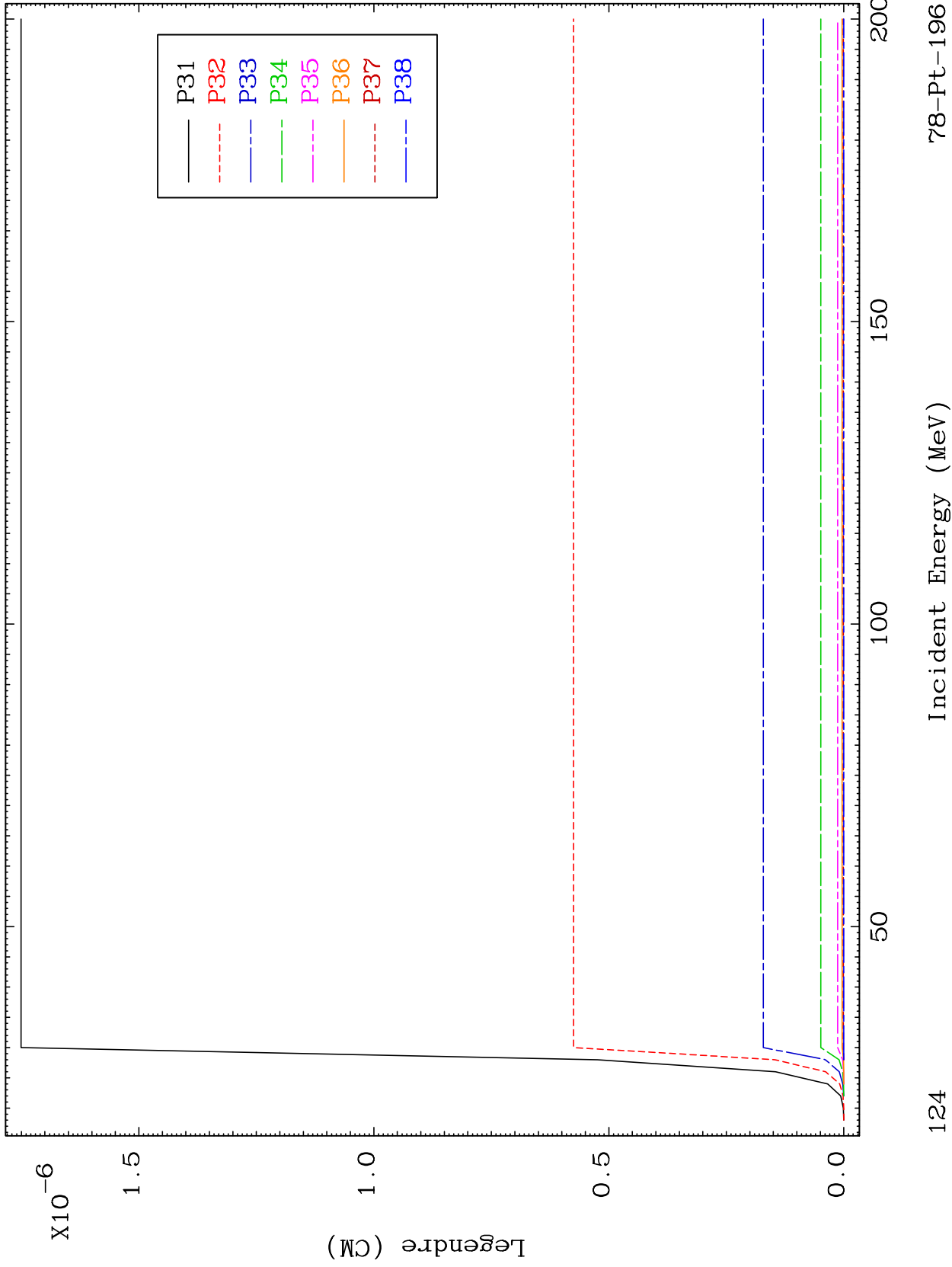
Incident Energy (MeV)

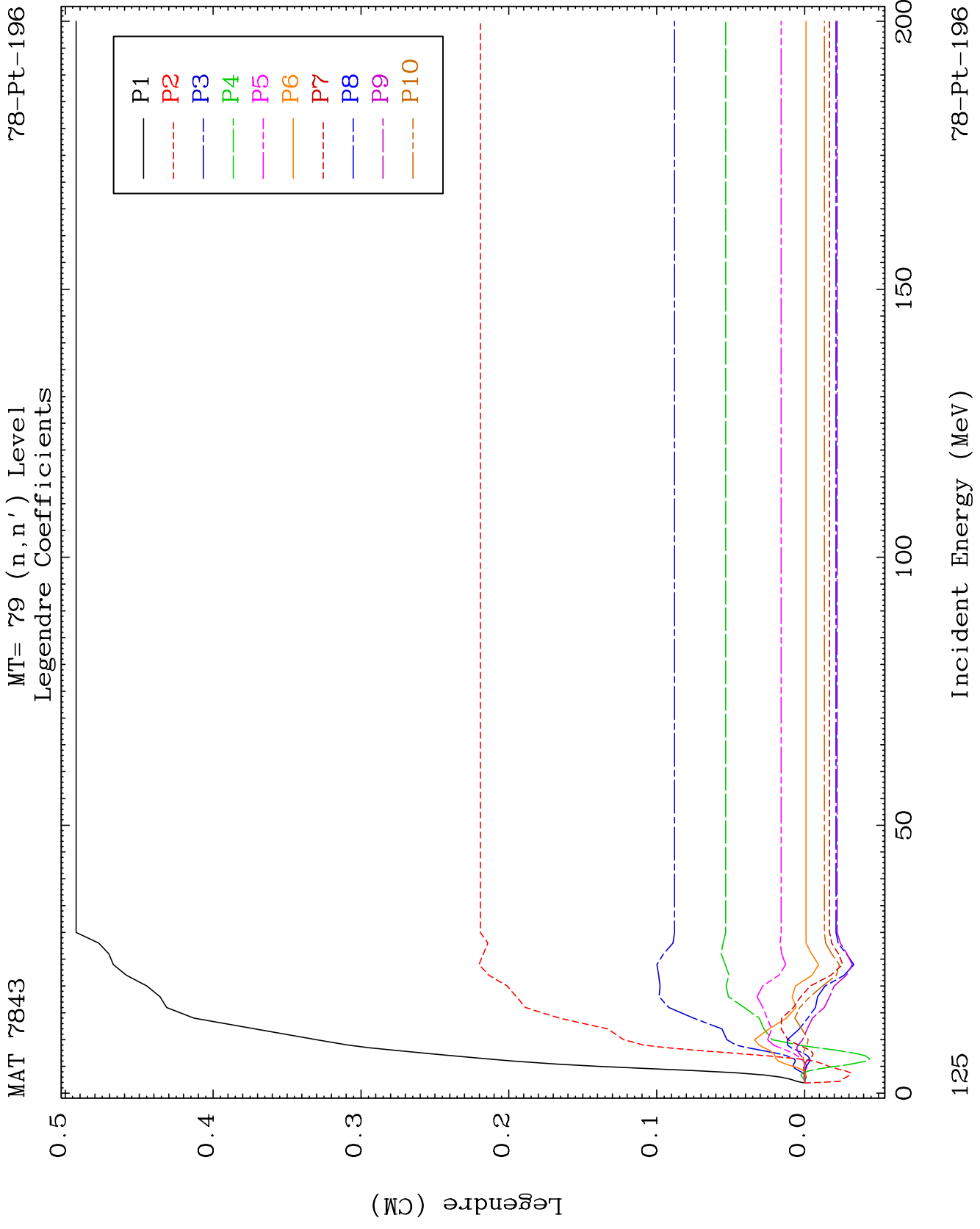
78-Pt-196

MAT 7843

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

78-Pt-196

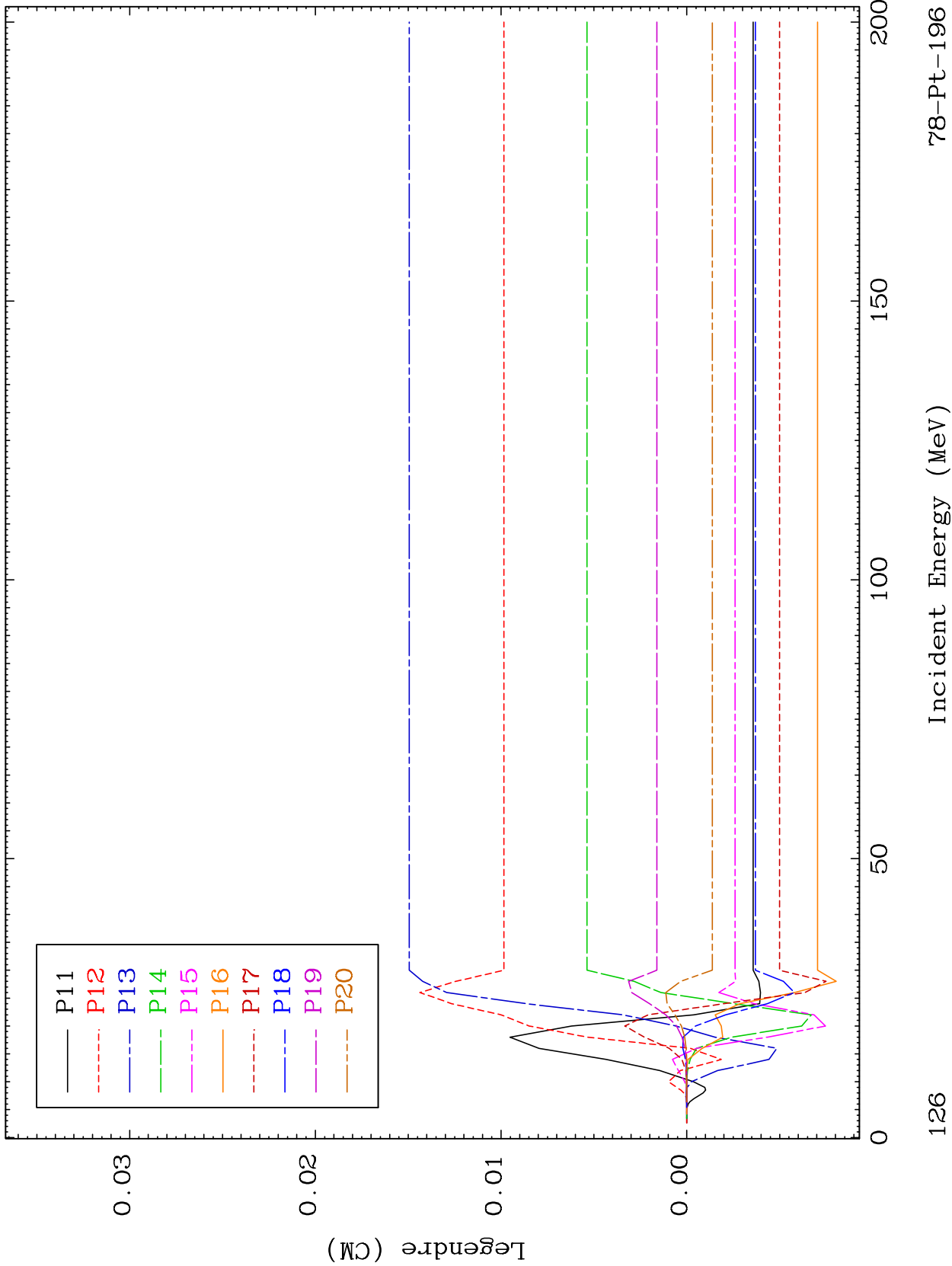




MAT 7843

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

78-Pt-196



126

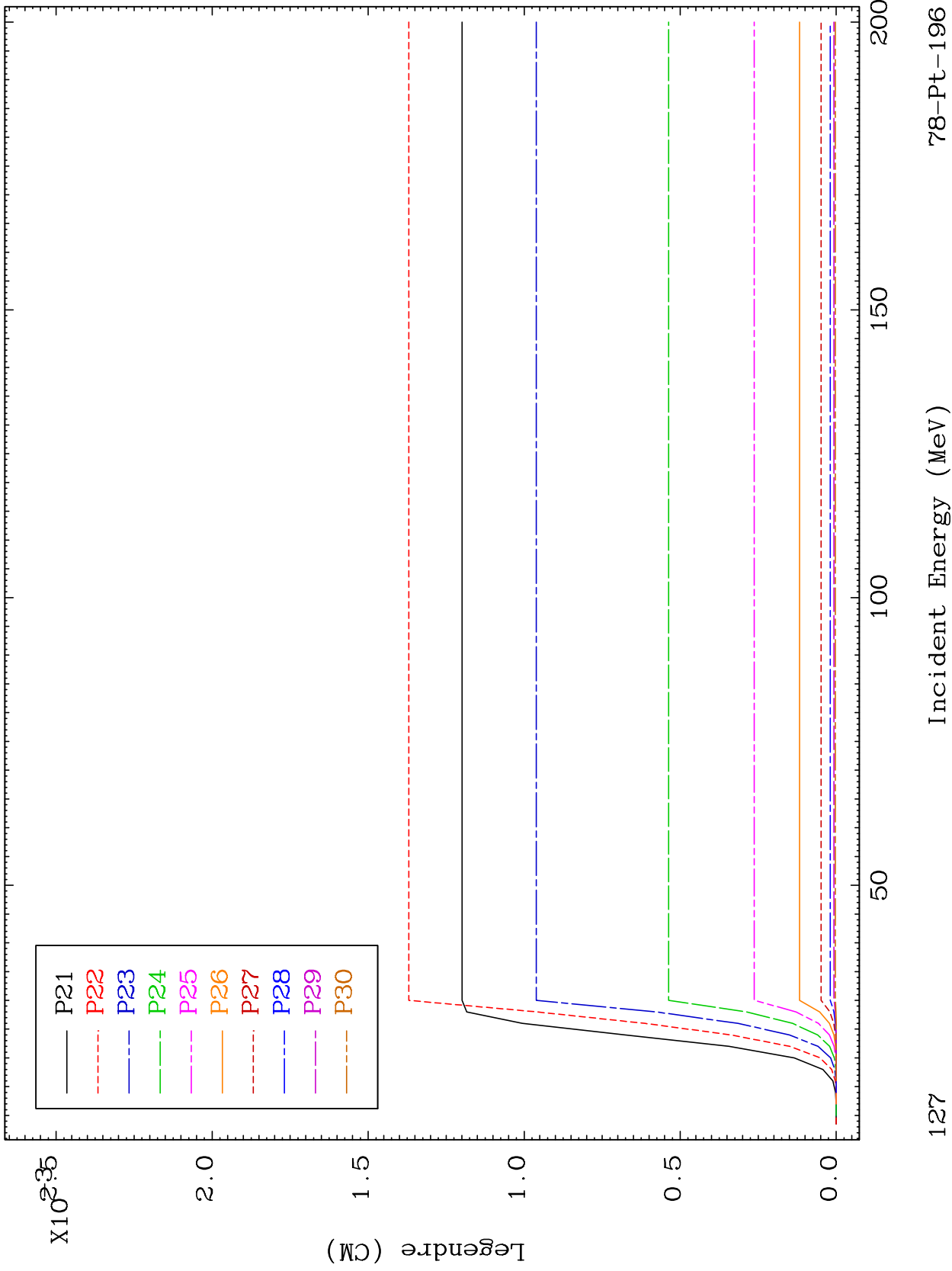
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



127

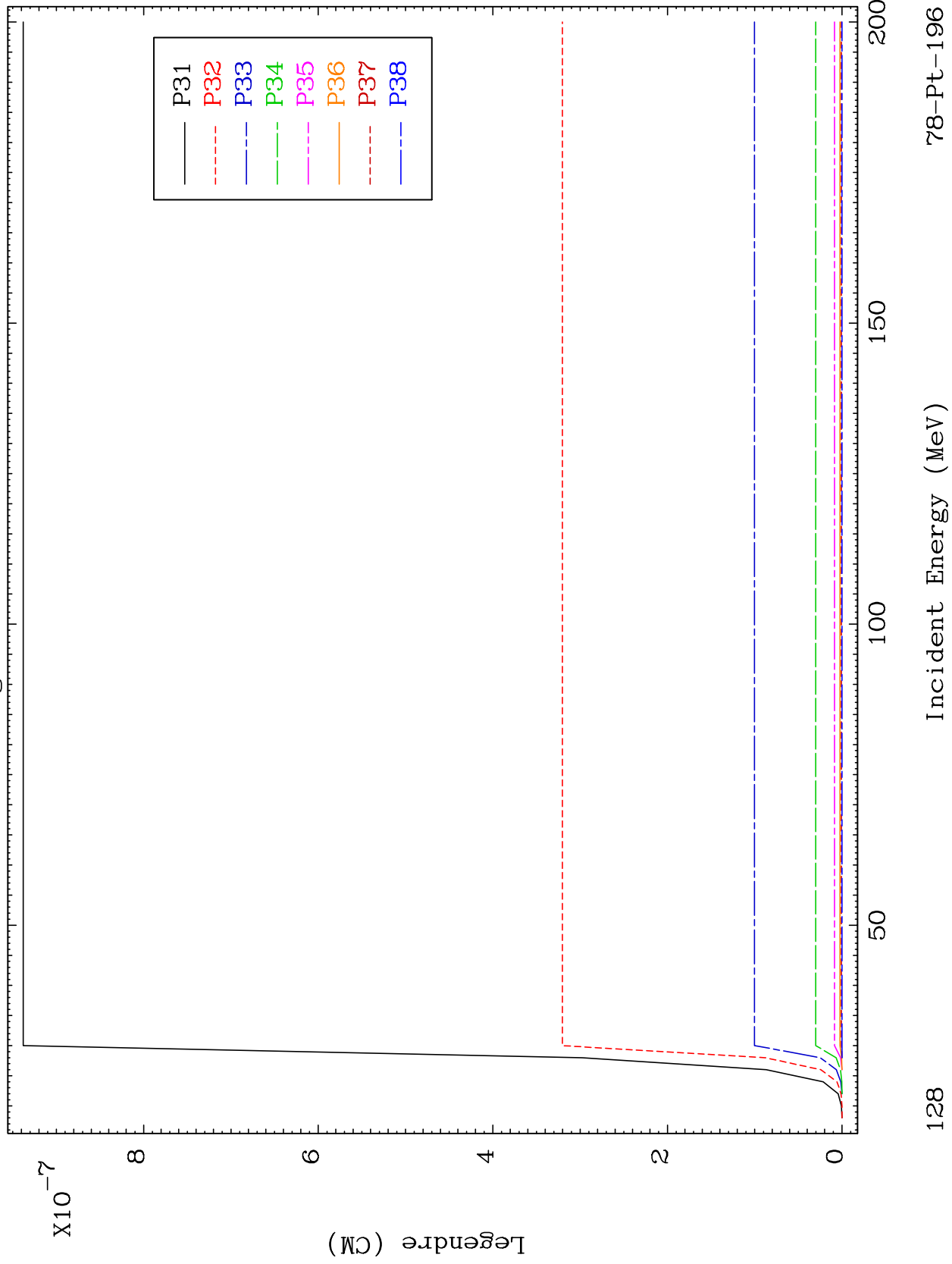
Incident Energy (MeV)

78-Pt-196

MAT 7843

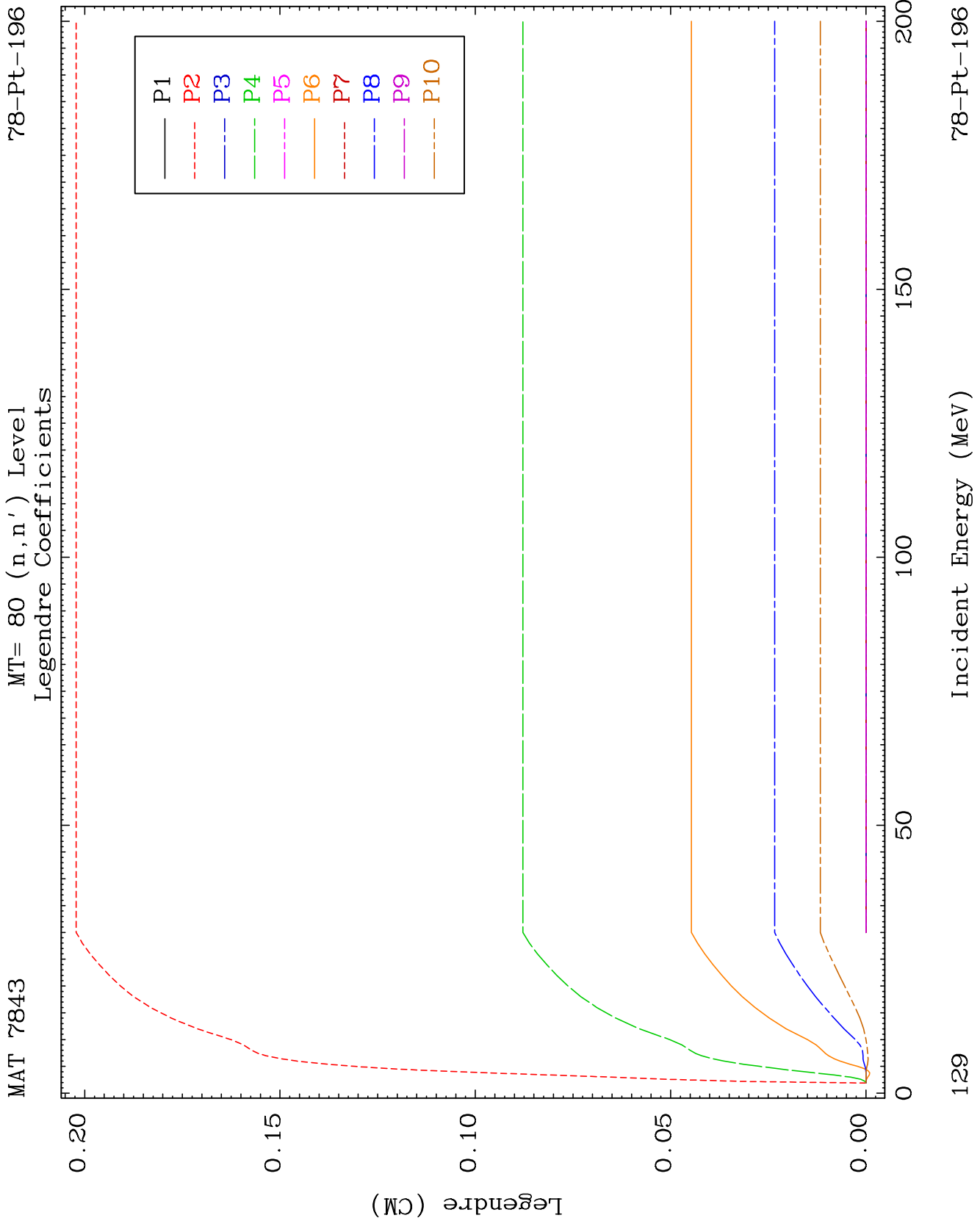
MT= 79 (n,n') Level
Legendre Coefficients

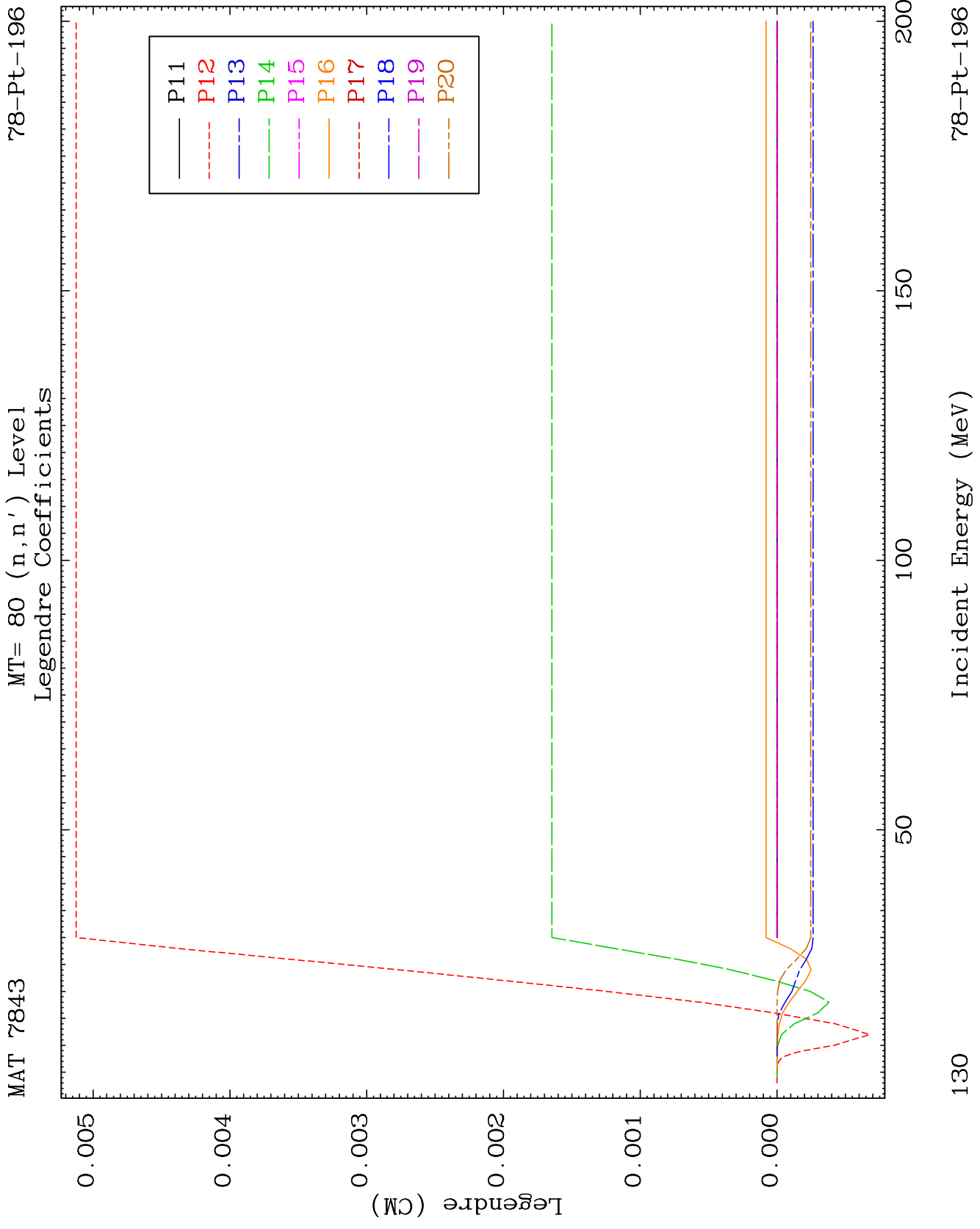
78-Pt-196



128

78-Pt-196





MAT 7843

(n,2n) d

78-Pt-196

Radionuclide Production Cross Section



132

Incident Energy (MeV)

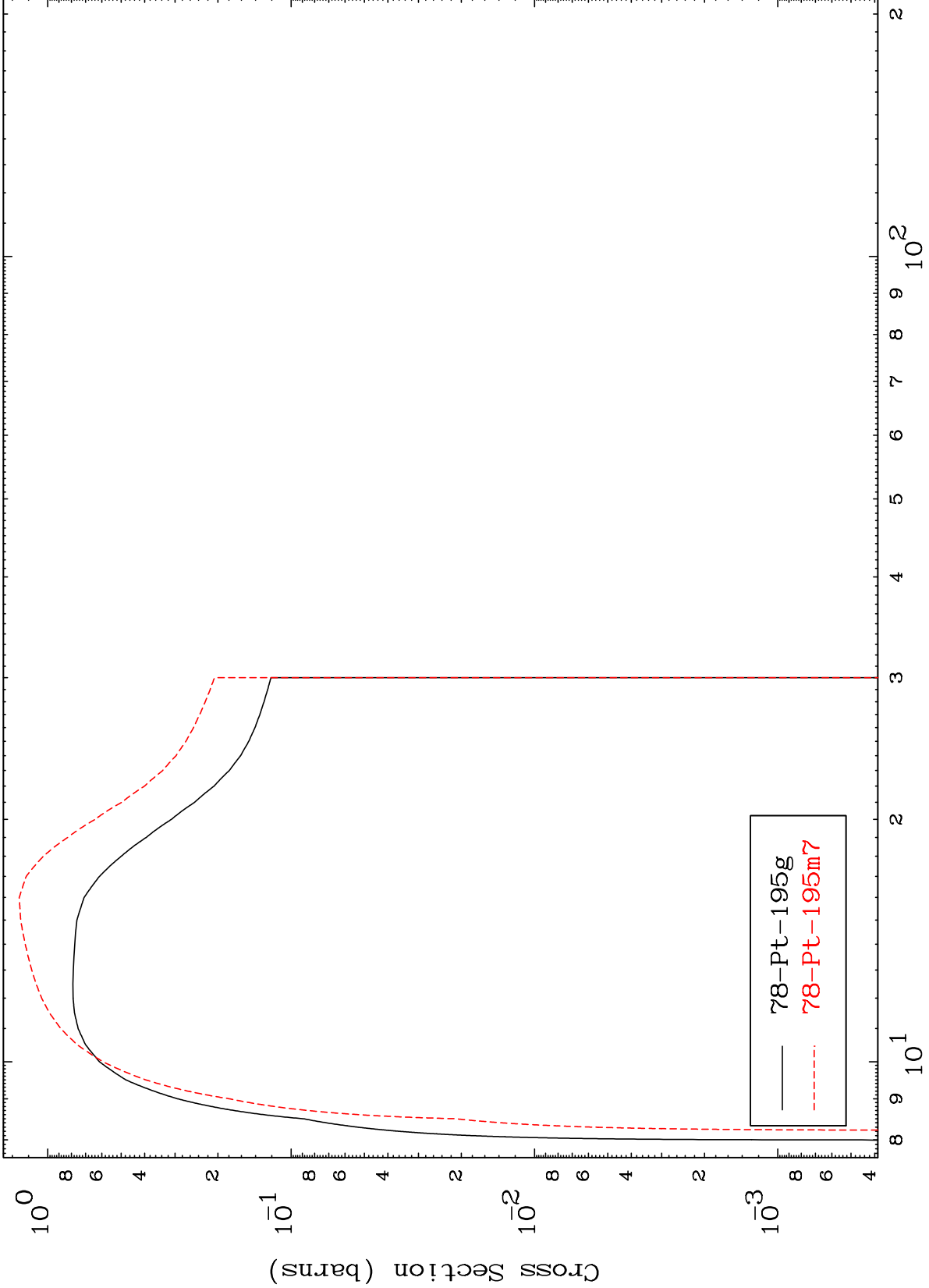
78-Pt-196

MAT 7843

(n,2n)

78-Pt-196

Radionuclide Production Cross Section



78-Pt-195g
78-Pt-195m7

133

Incident Energy (MeV)

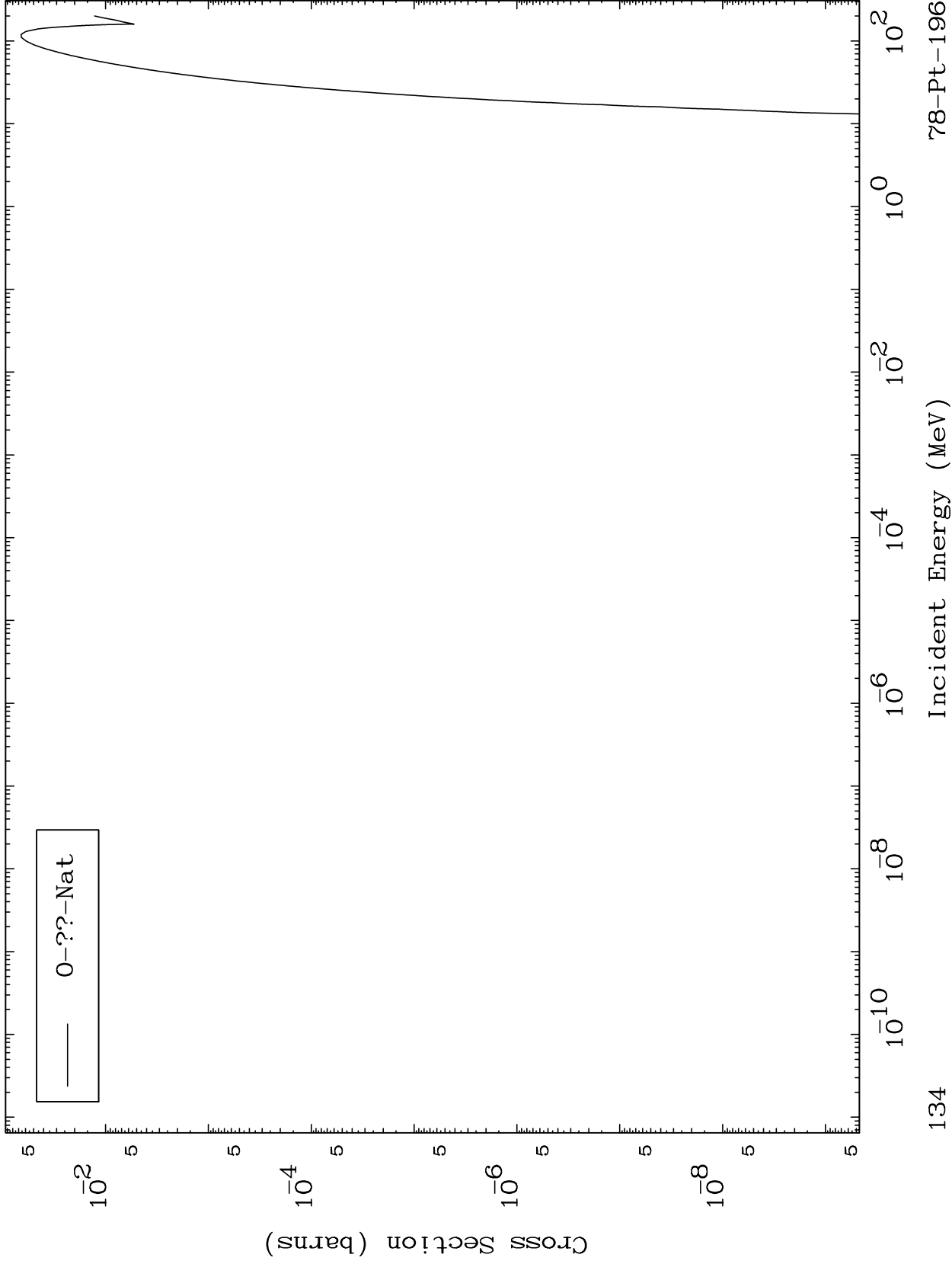
78-Pt-196

MAT 7843

Fission

78-Pt-196

Radionuclide Production Cross Section



134

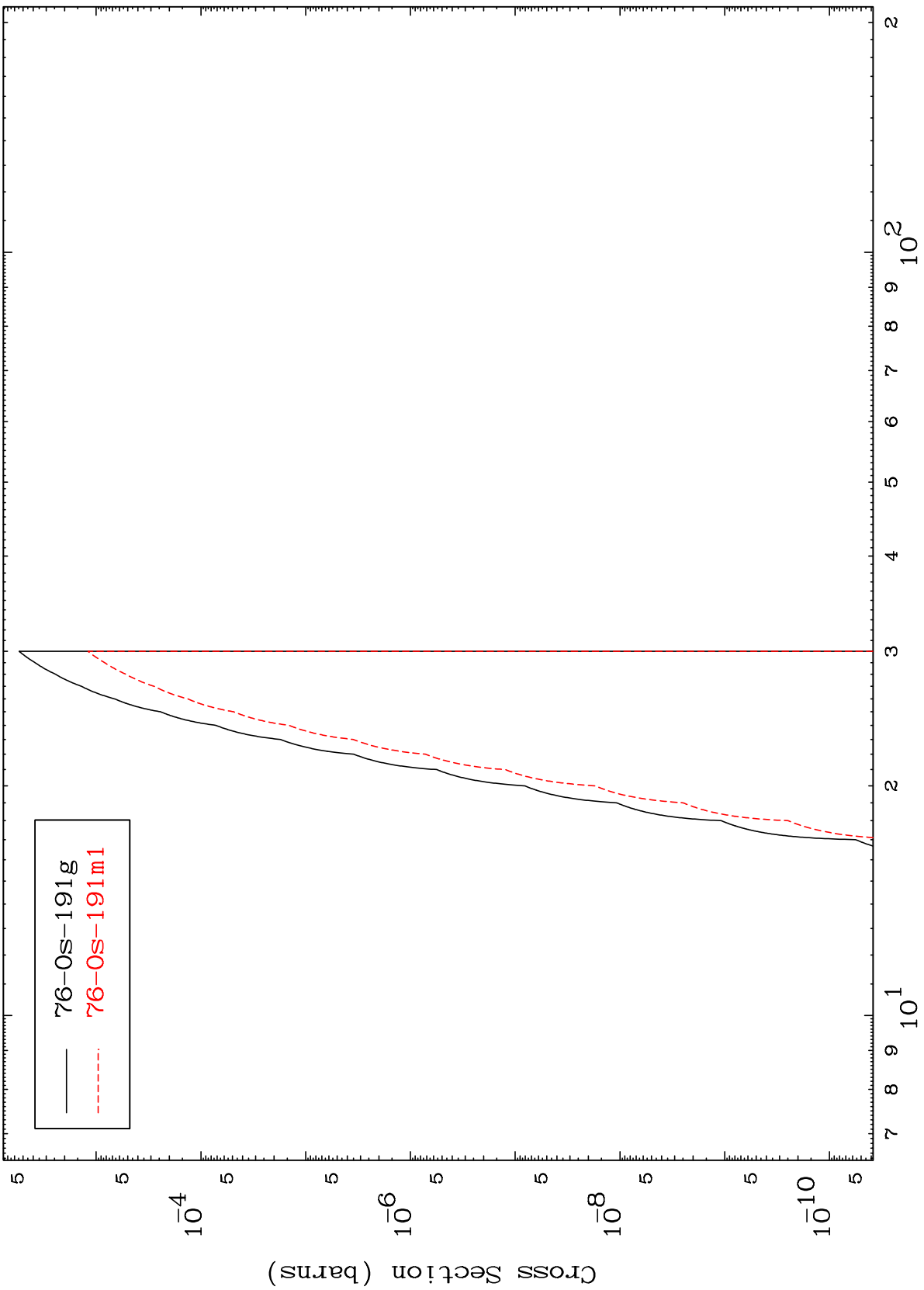
78-Pt-196

MAT 7843

$(n,2n) \alpha$

78-Pt-196

Radionuclide Production Cross Section



76-Os-191g
76-Os-191m1

135

Incident Energy (MeV)

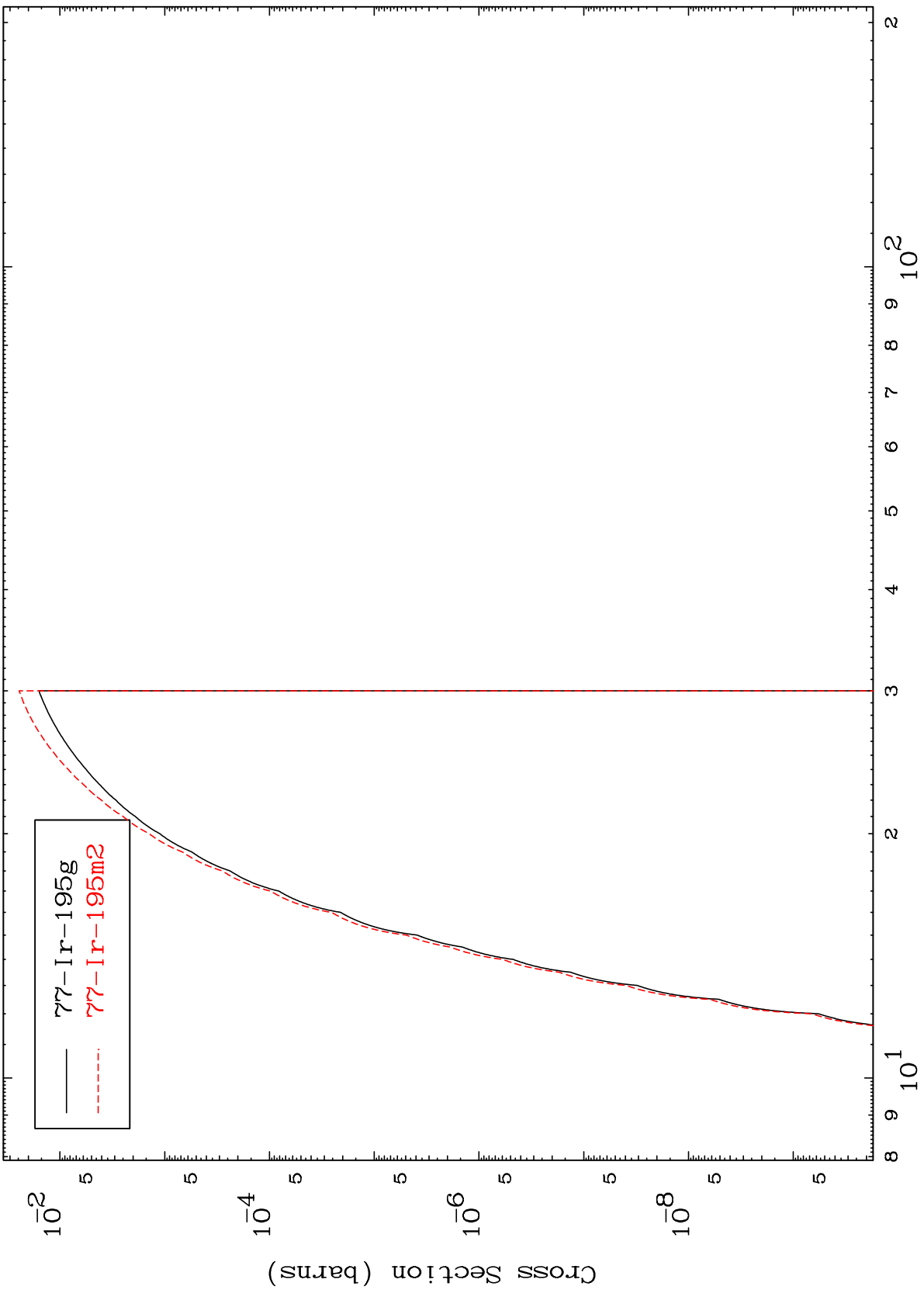
78-Pt-196

MAT 7843

(n,n') p

78-Pt-196

Radionuclide Production Cross Section



77-Ir-195g
77-Ir-195m2

136

Incident Energy (MeV)

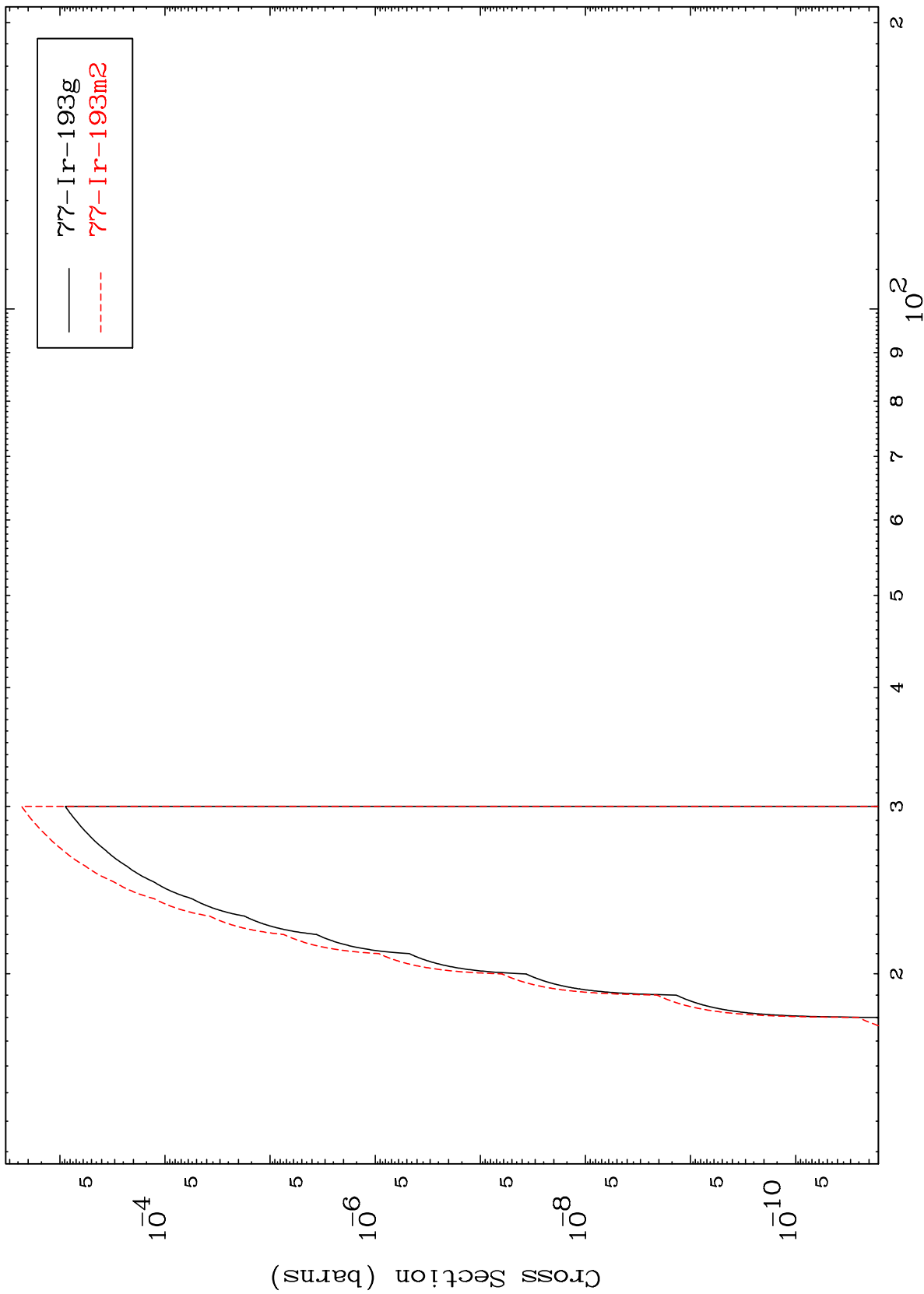
78-Pt-196

MAT 7843

(n,n') t

78-Pt-196

Radionuclide Production Cross Section



137

Incident Energy (MeV)

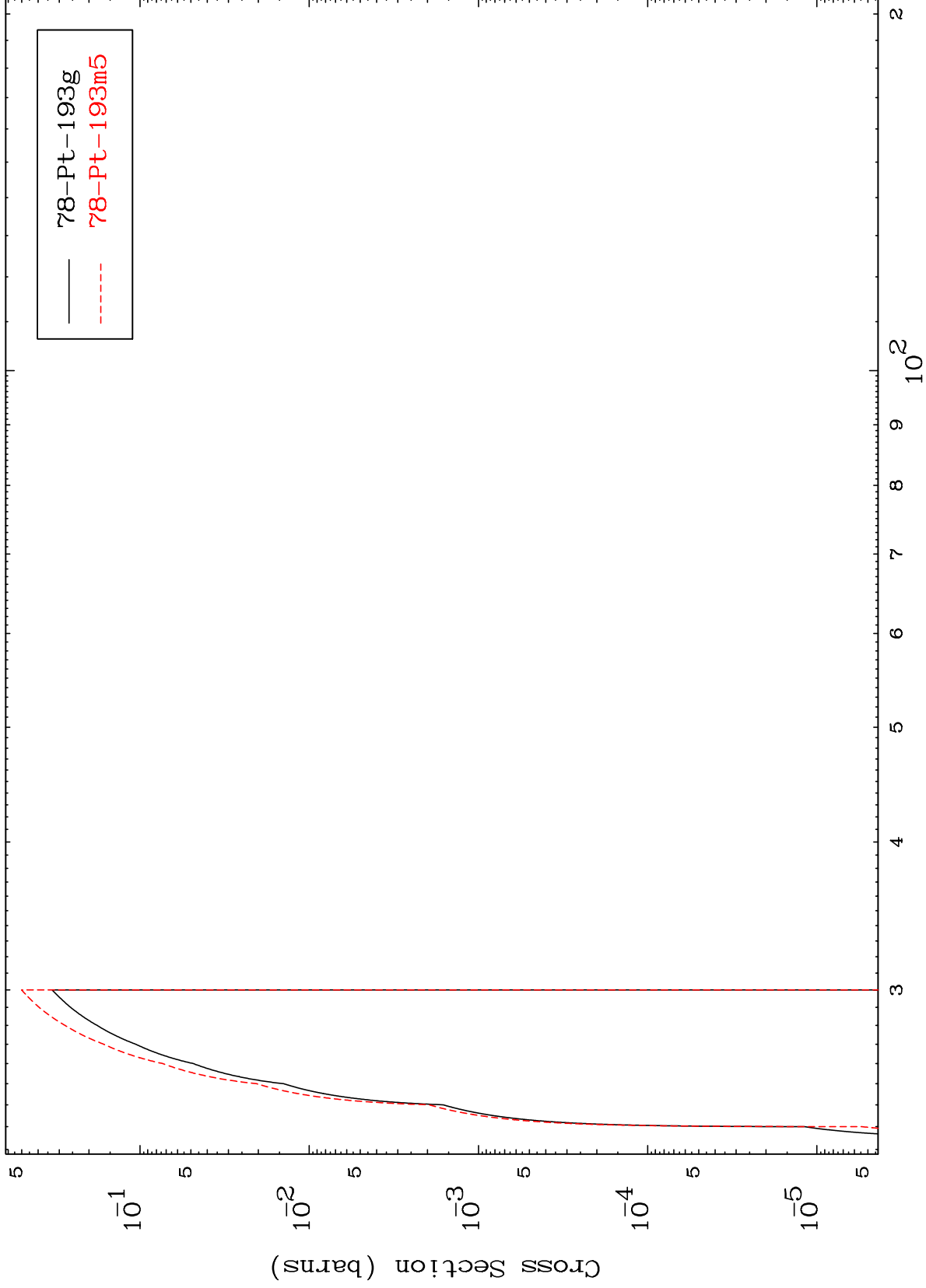
78-Pt-196

MAT 7843

(n,4n)

78-Pt-196

Radionuclide Production Cross Section



138

Incident Energy (MeV)

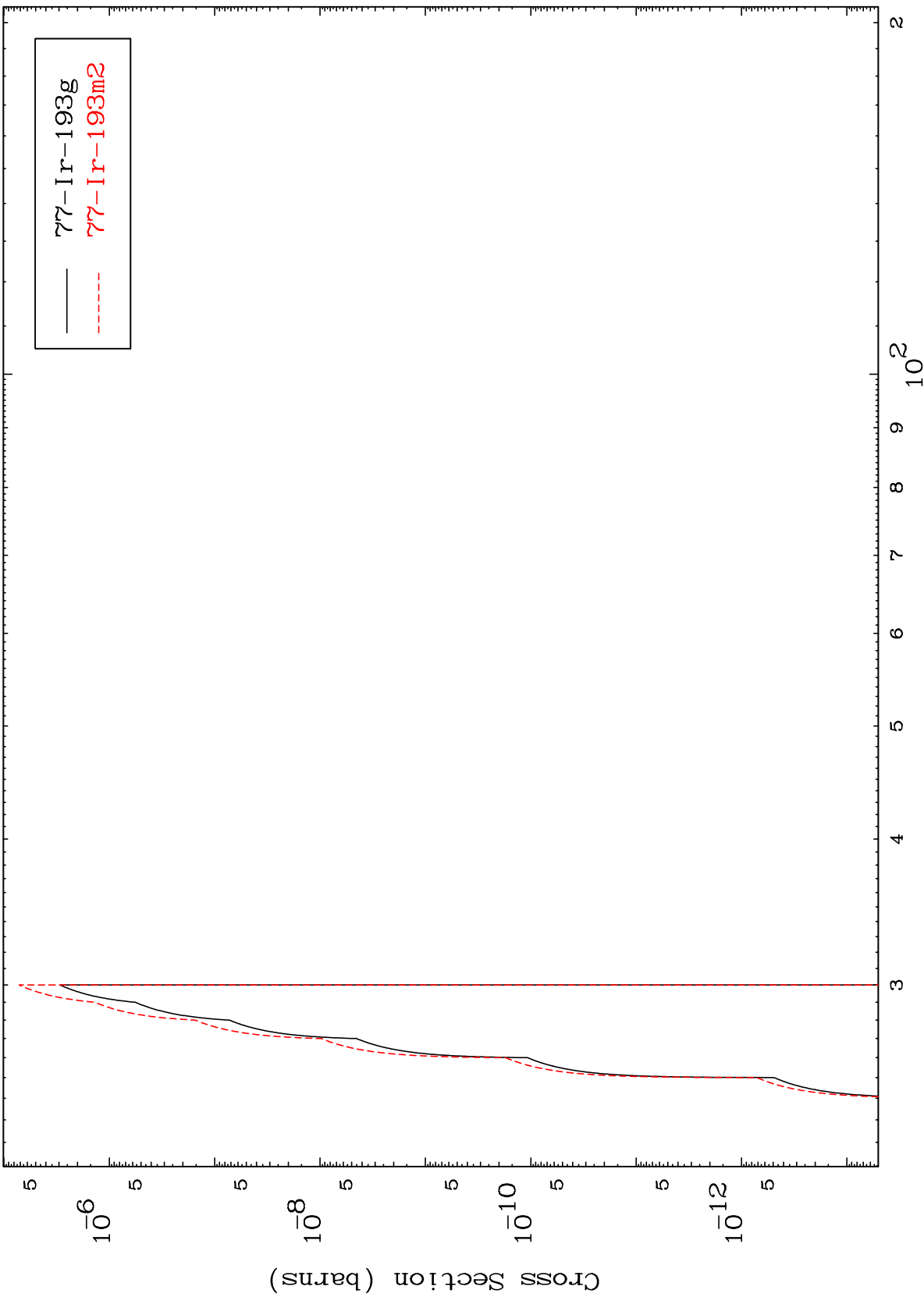
78-Pt-196

MAT 7843

(n,3n) p

78-Pt-196

Radionuclide Production Cross Section



139

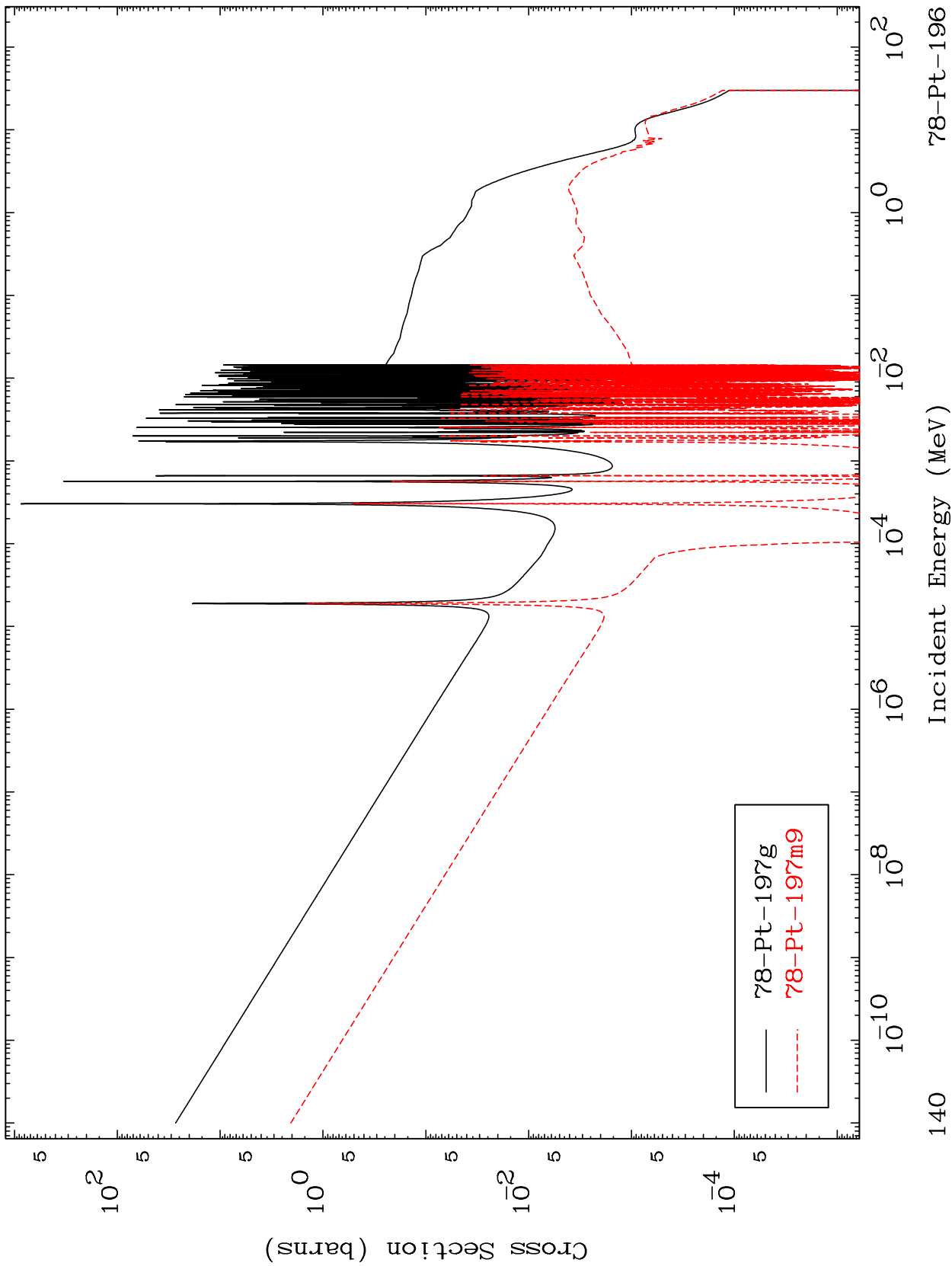
Incident Energy (MeV)

78-Pt-196

MAT 7843

78-Pt-196

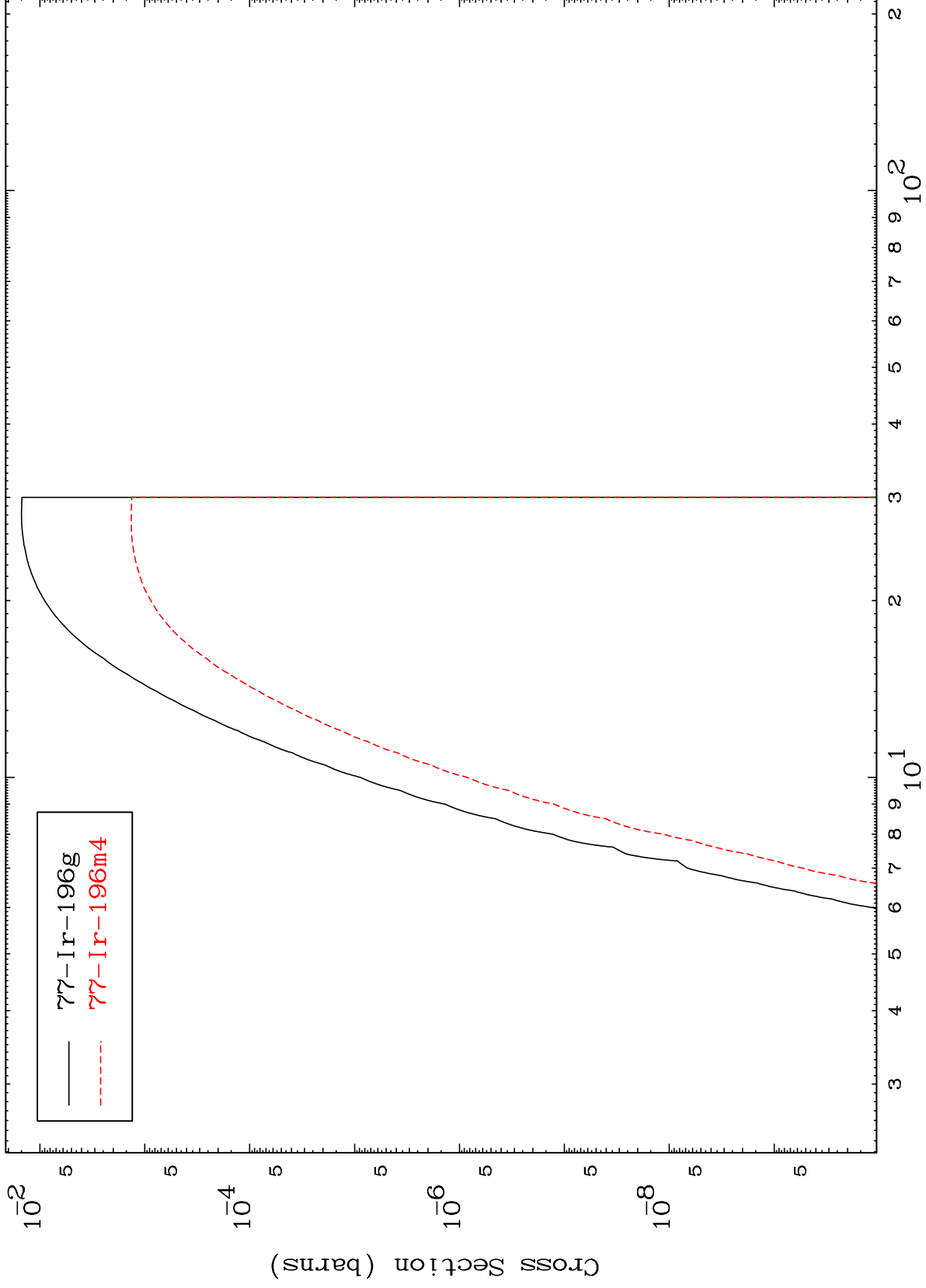
(n, γ)
Radionuclide Production Cross Section



MAT 7843

78-Pt-196

(n,p)
Radionuclide Production Cross Section



— $^{77}\text{Ir-196g}$
- - - $^{77}\text{Ir-196m4}$

78-Pt-196

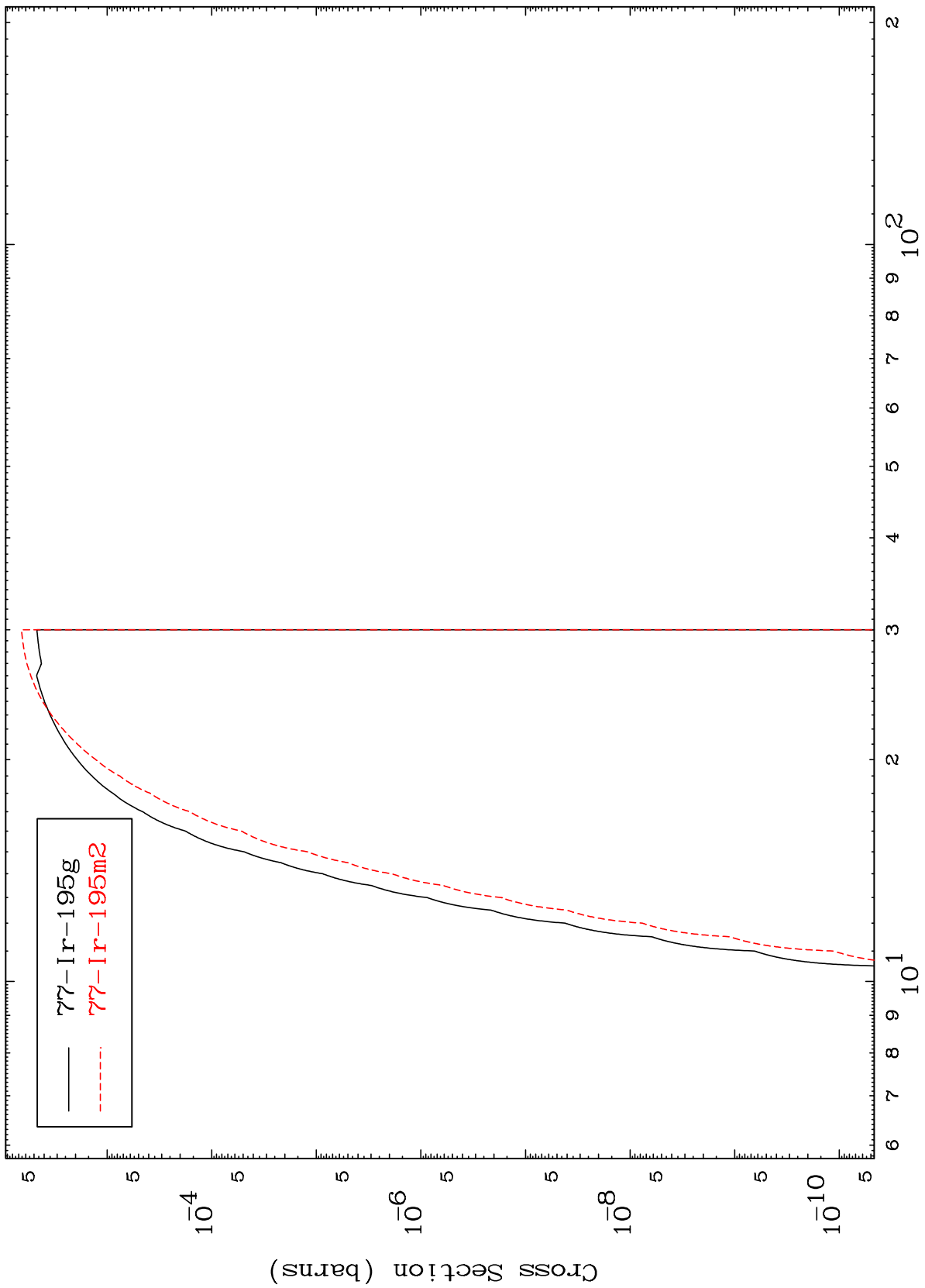
Incident Energy (MeV)

141

MAT 7843

78-Pt-196

(n,d)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

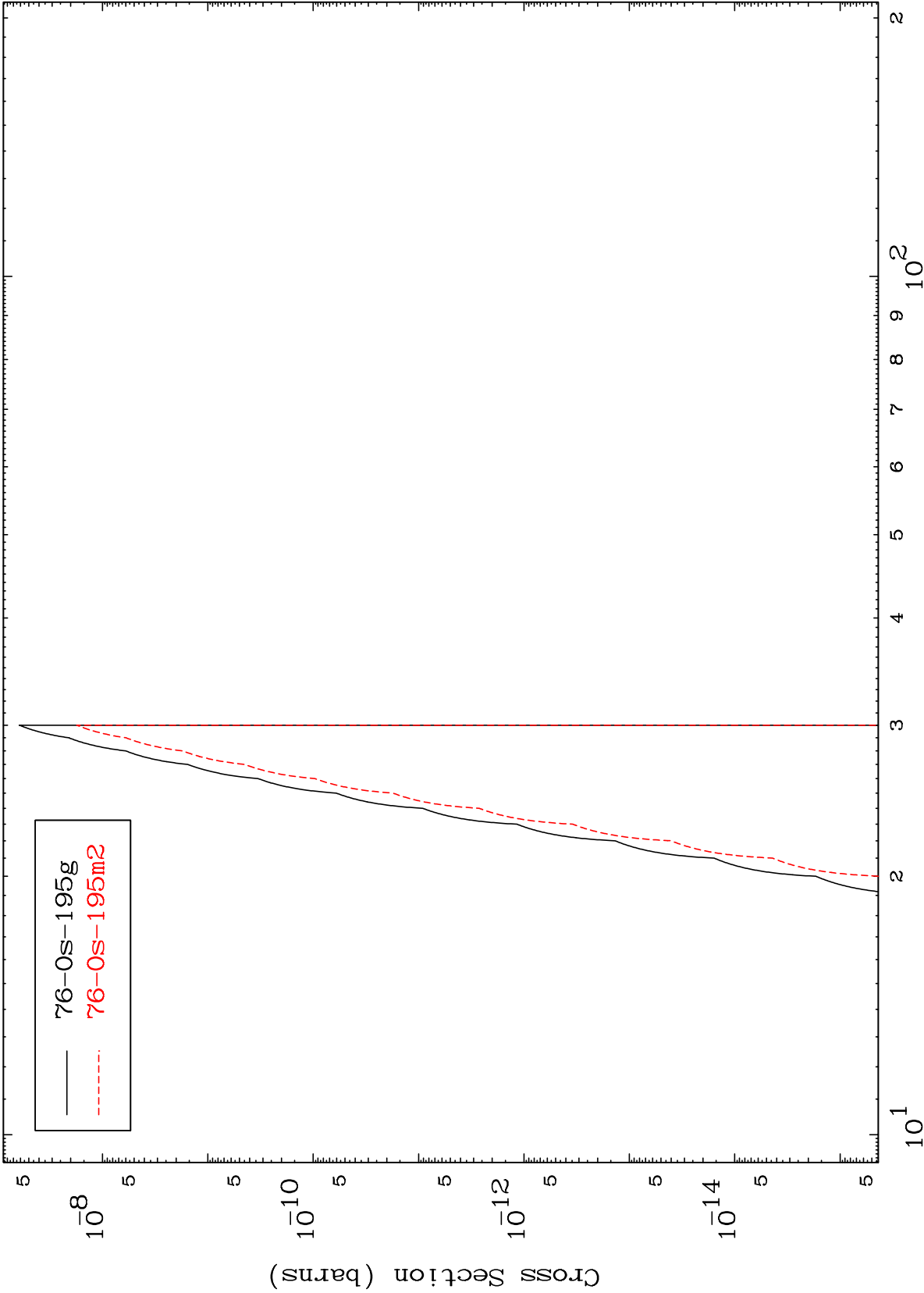
78-Pt-196

MAT 7843

(n,2p)

78-Pt-196

Radionuclide Production Cross Section



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

Incident Energy (MeV)

78-Pt-196

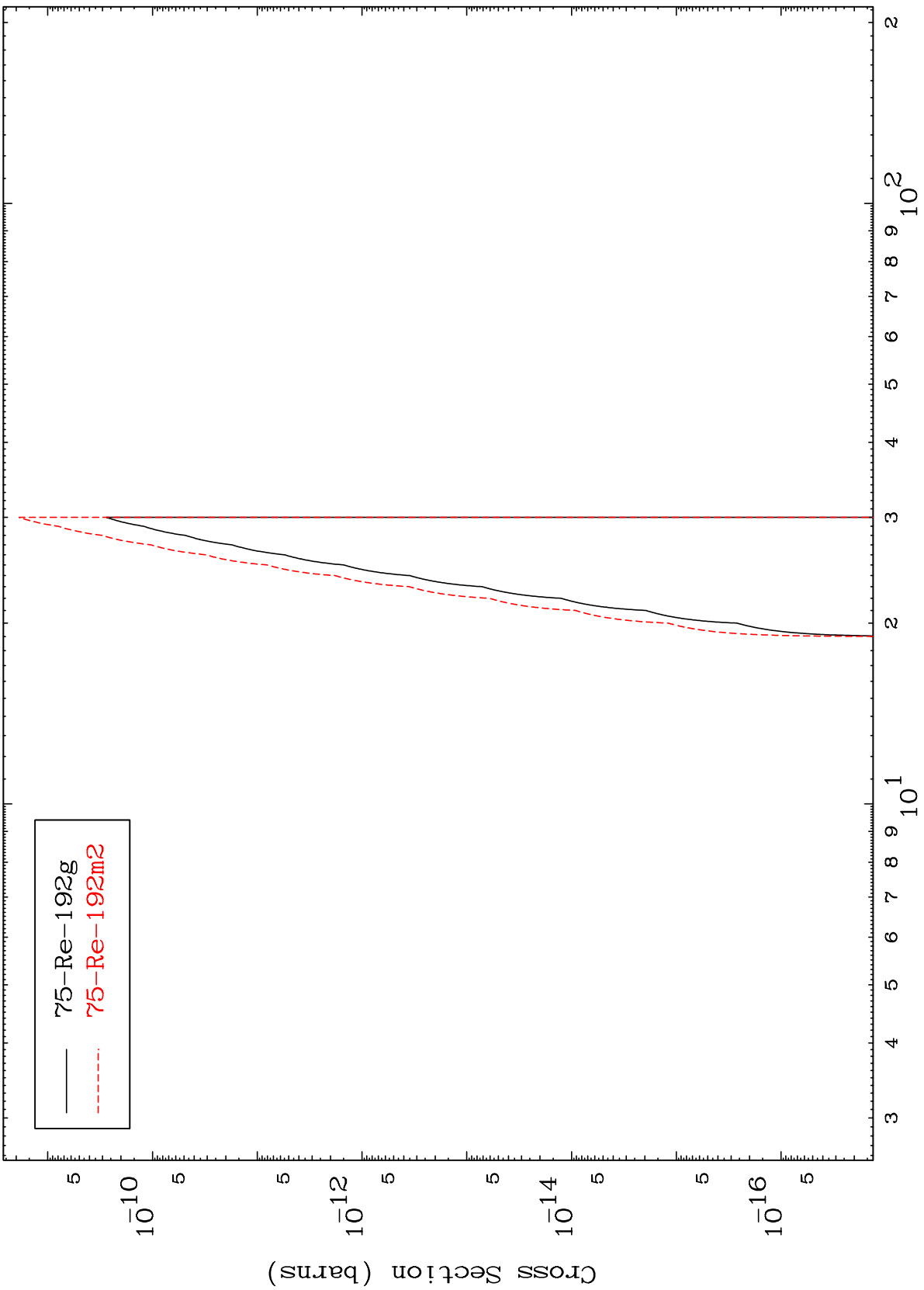
143

MAT 7843

(n,p) α

78-Pt-196

Radionuclide Production Cross Section



144

Incident Energy (MeV)

78-Pt-196