

Program EVALPLOT
(Version 2017-1)

by

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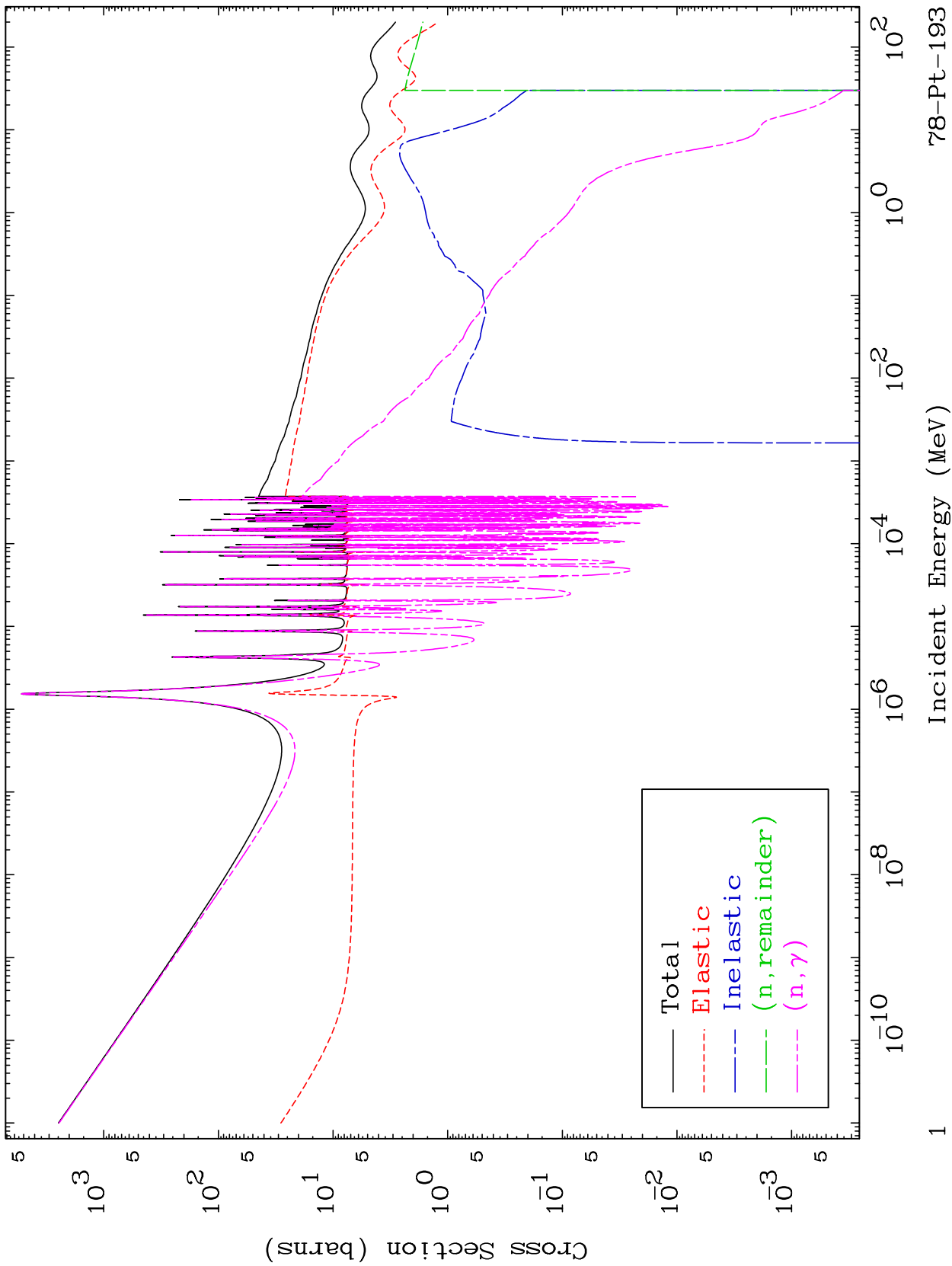
Press Mouse Button to Start

MAT 7834

Major

293 Kelvin Cross Sections

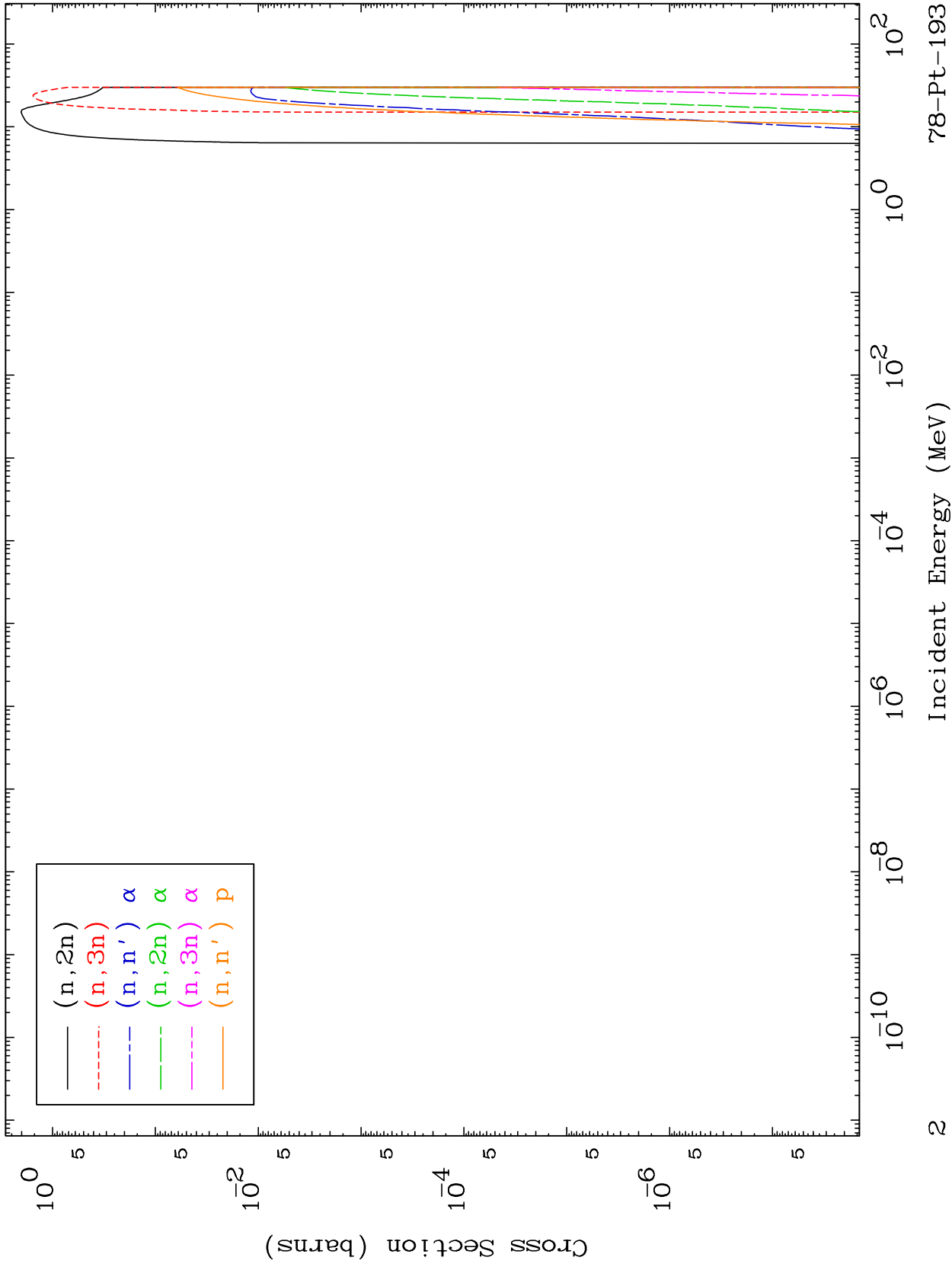
78-Pt-193

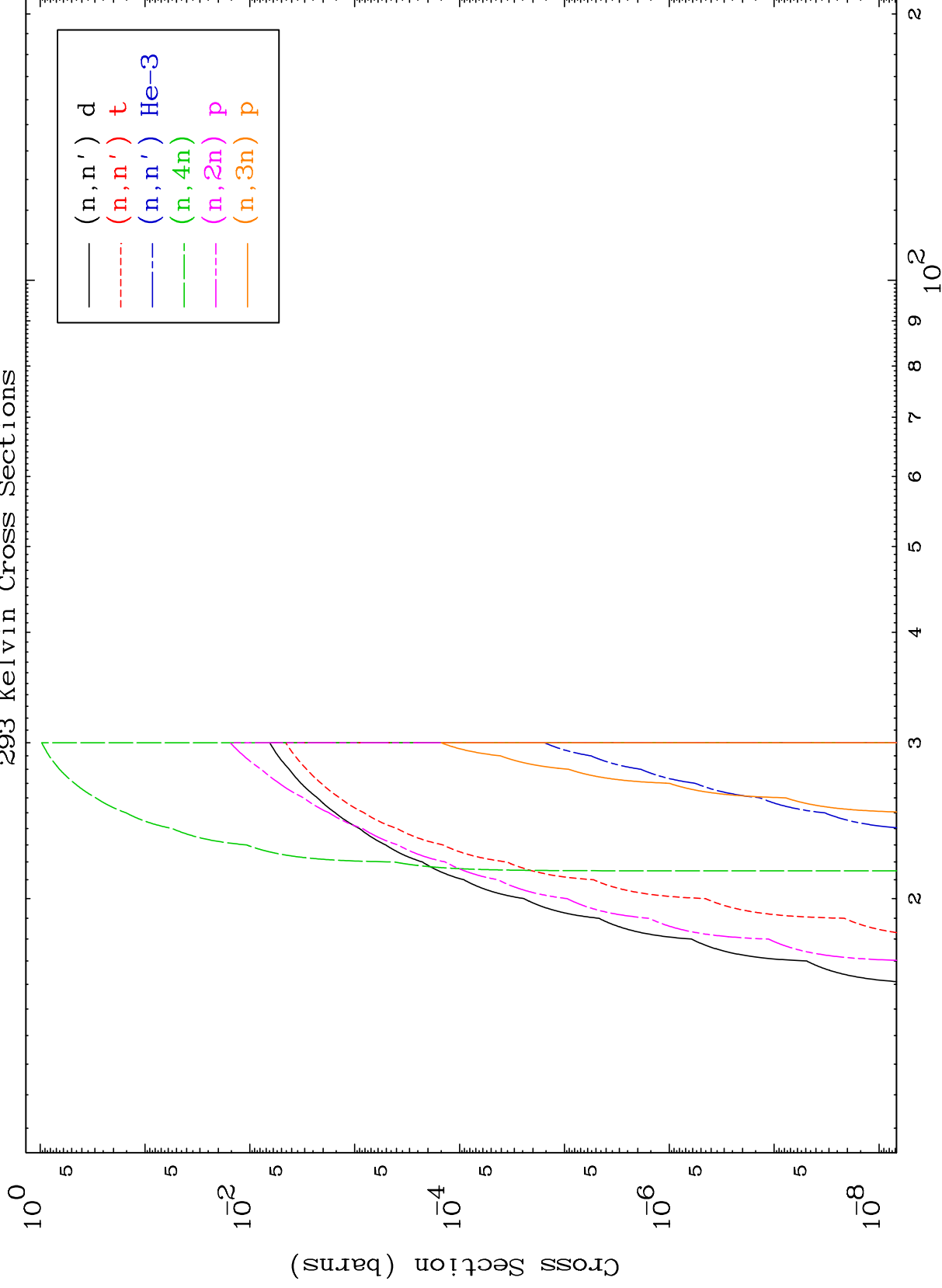


MAT 7834

Neutron Production
293 Kelvin Cross Sections

78-Pt-193

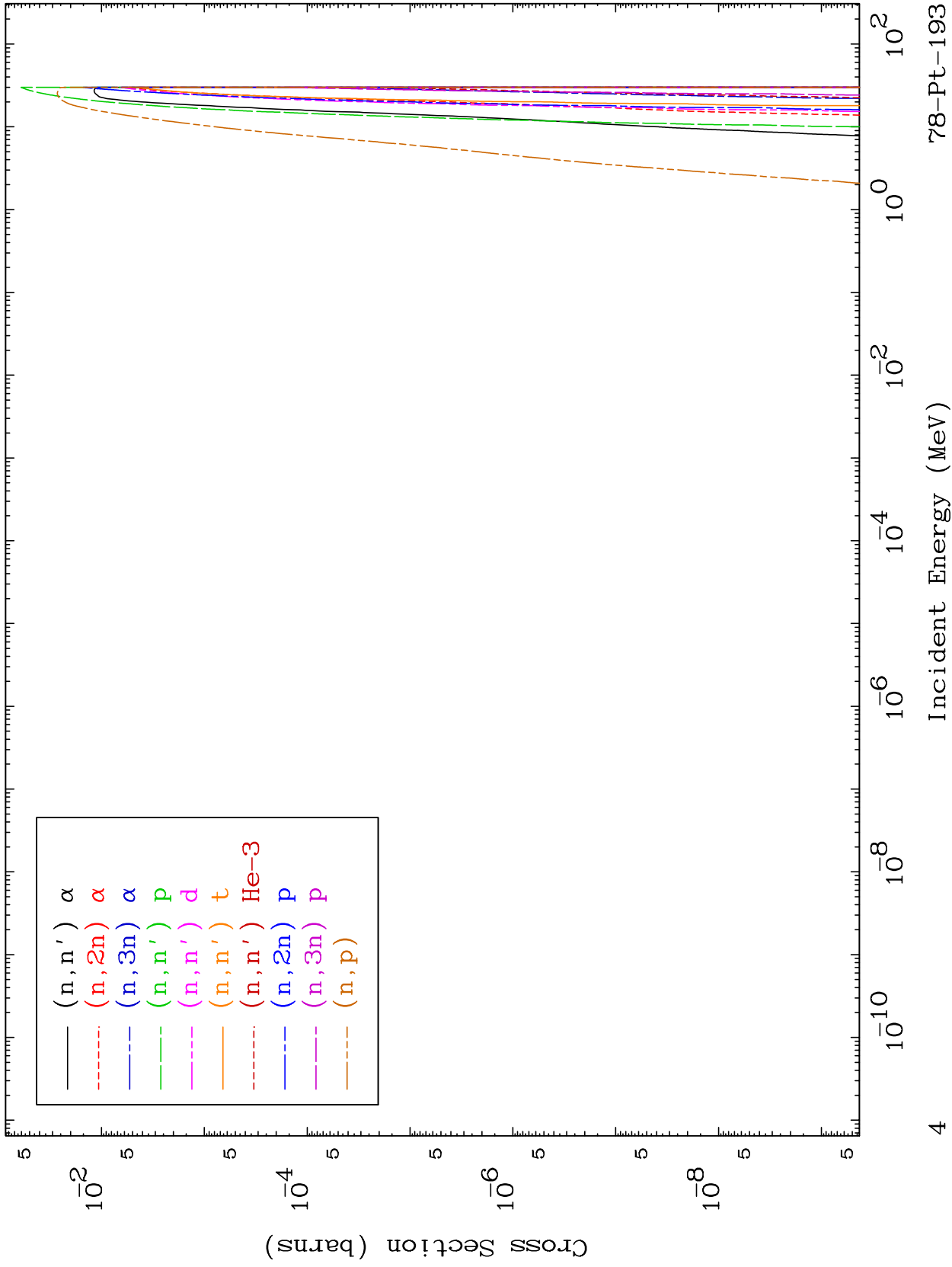




MAT 7834

Charged Particle
293 Kelvin Cross Sections

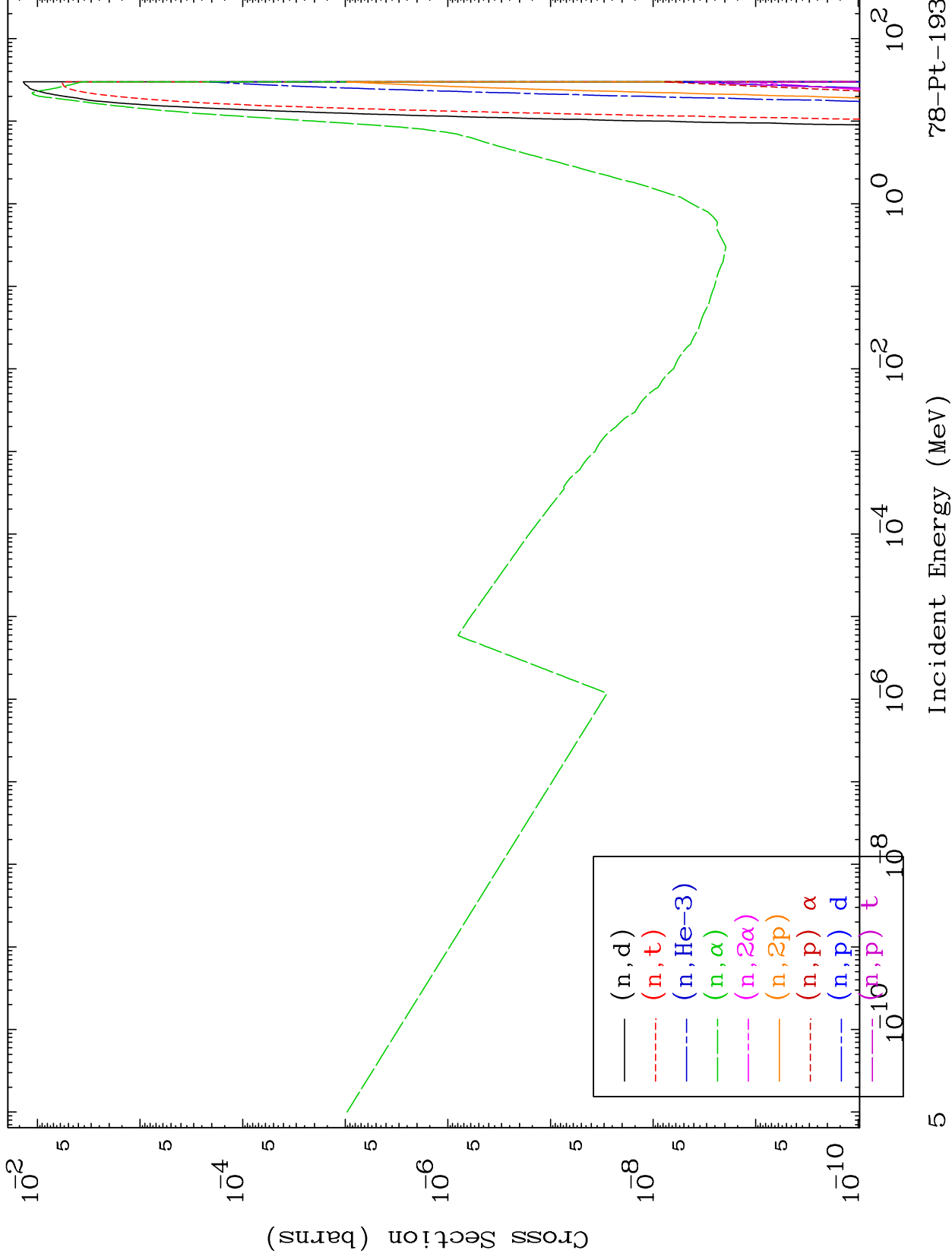
78-Pt-193

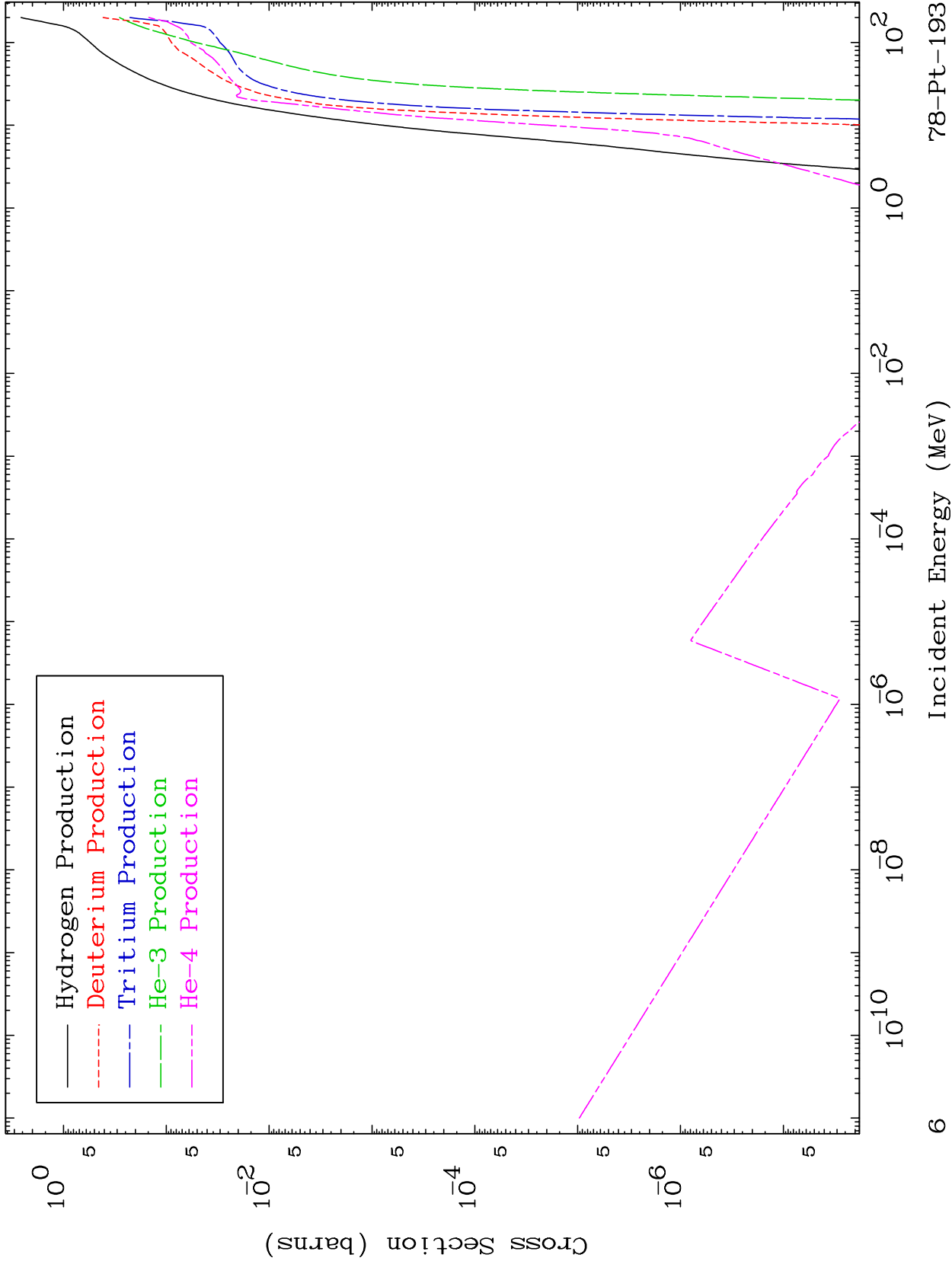


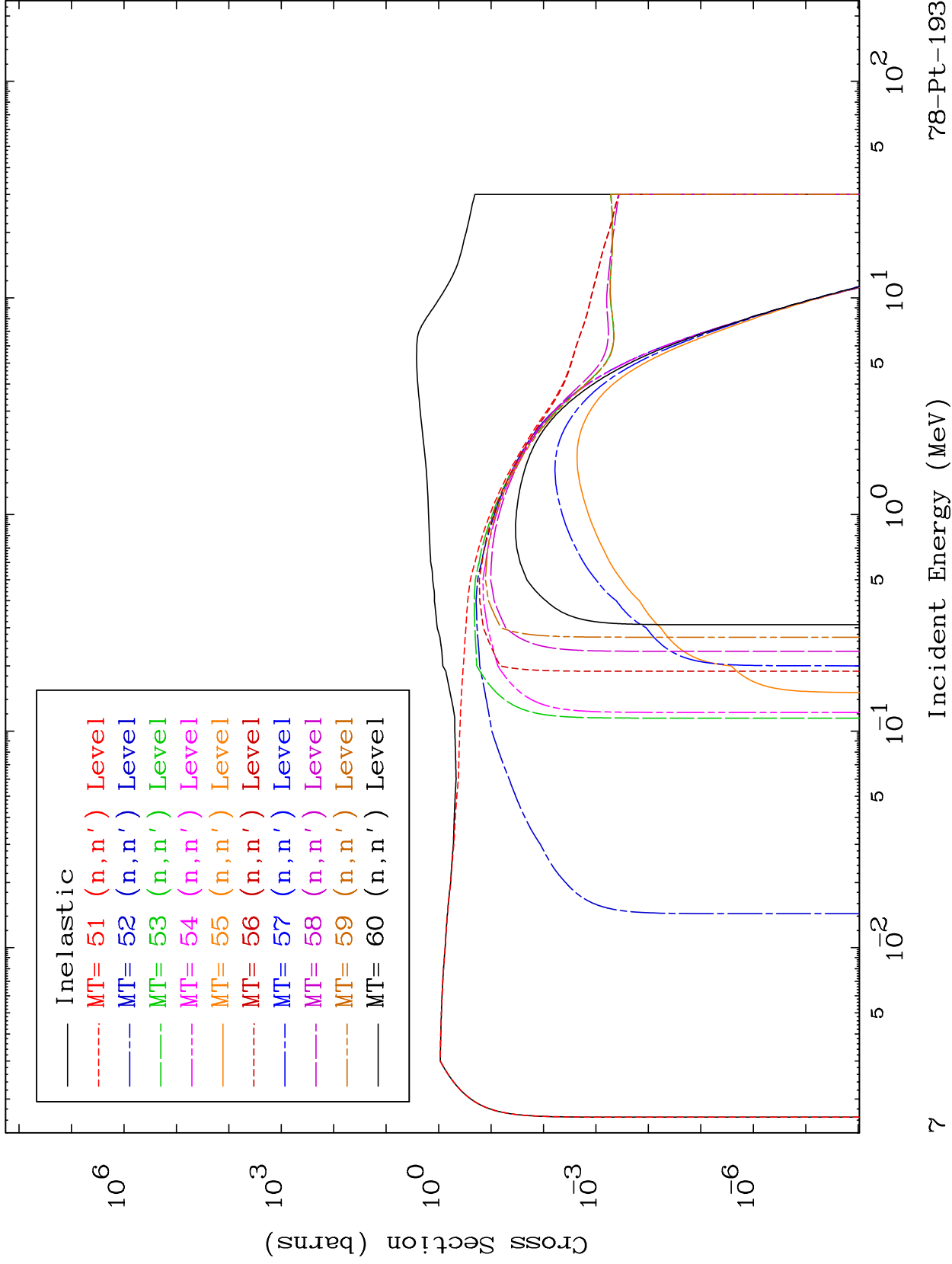
MAT 7834

Charged Particle
293 Kelvin Cross Sections

78-Pt-193





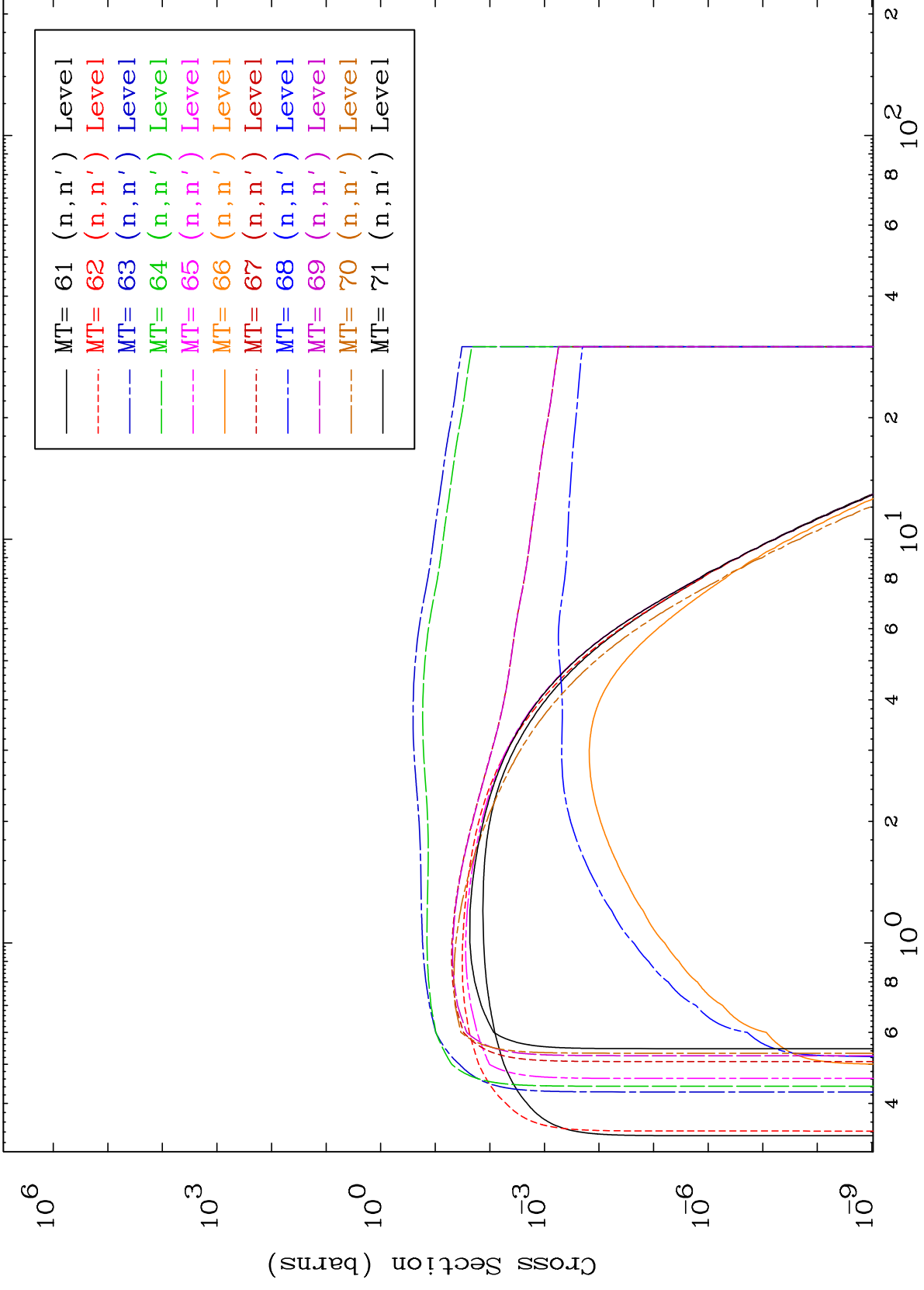


MAT 7834

(n,n') Level

78-Pt-193

293 Kelvin Cross Sections

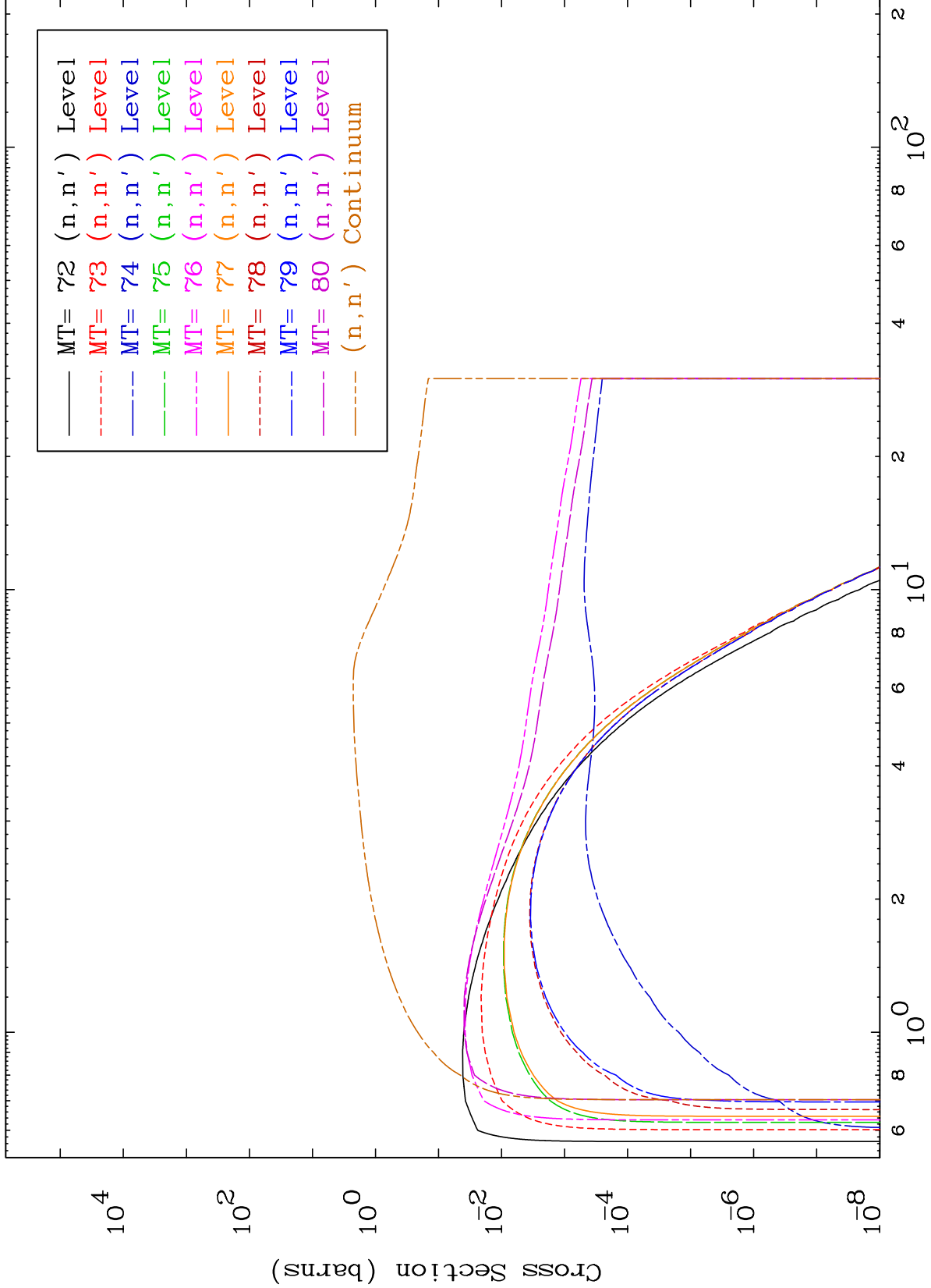


8

Incident Energy (MeV)

78-Pt-193

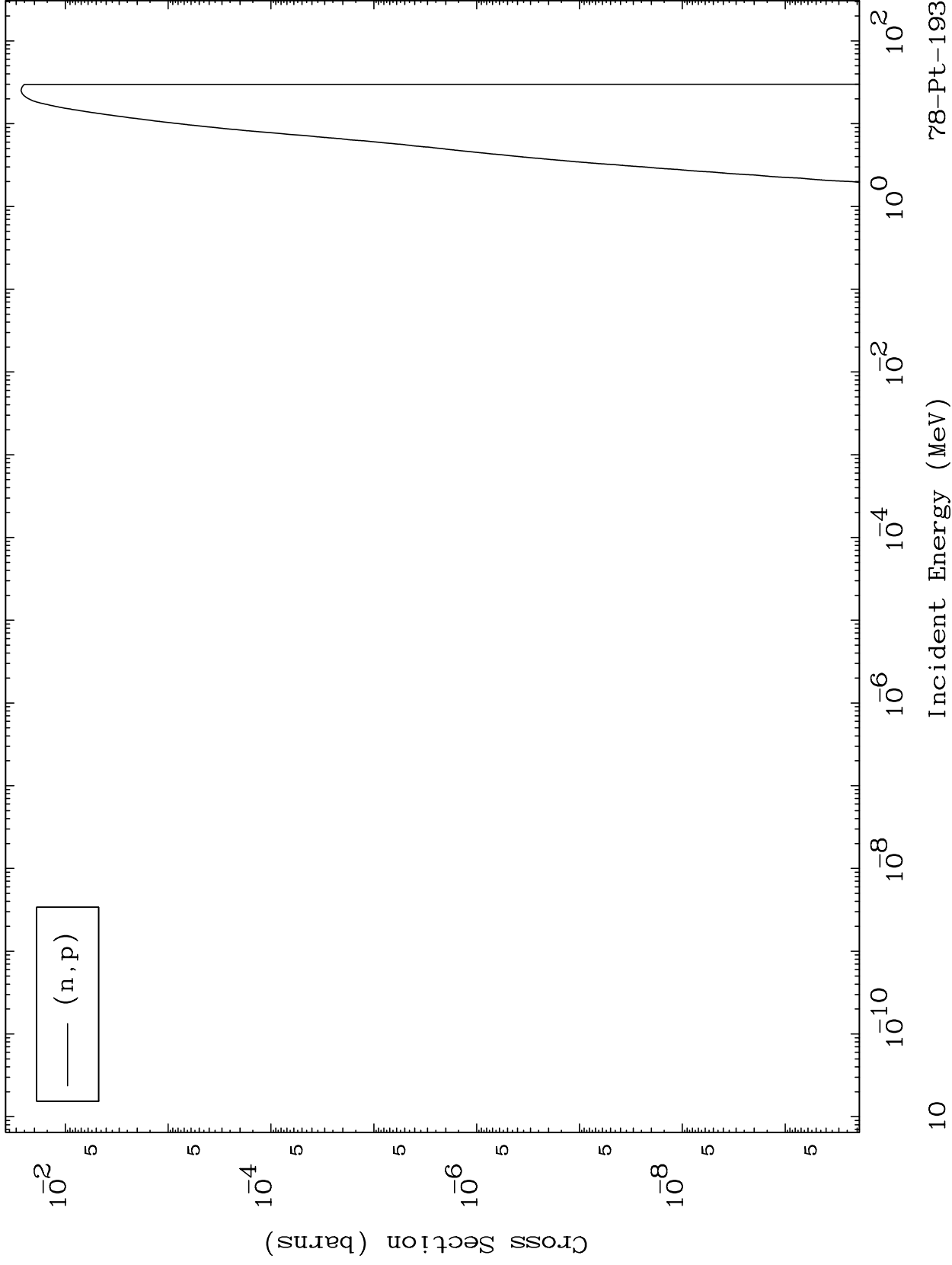
293 Kelvin Cross Sections



MAT 7834

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-193



10

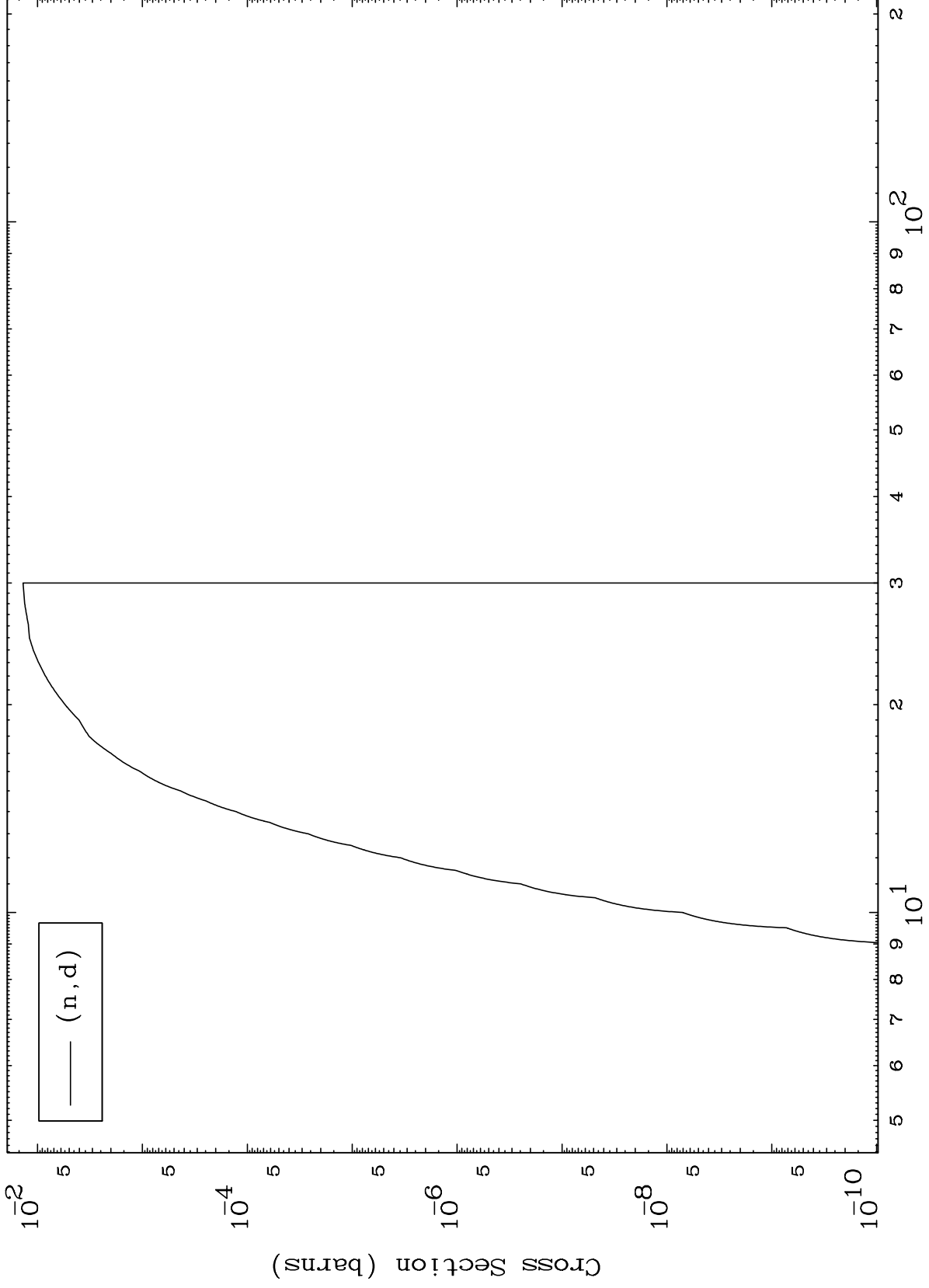
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,d) Levels
293 Kelvin Cross Sections

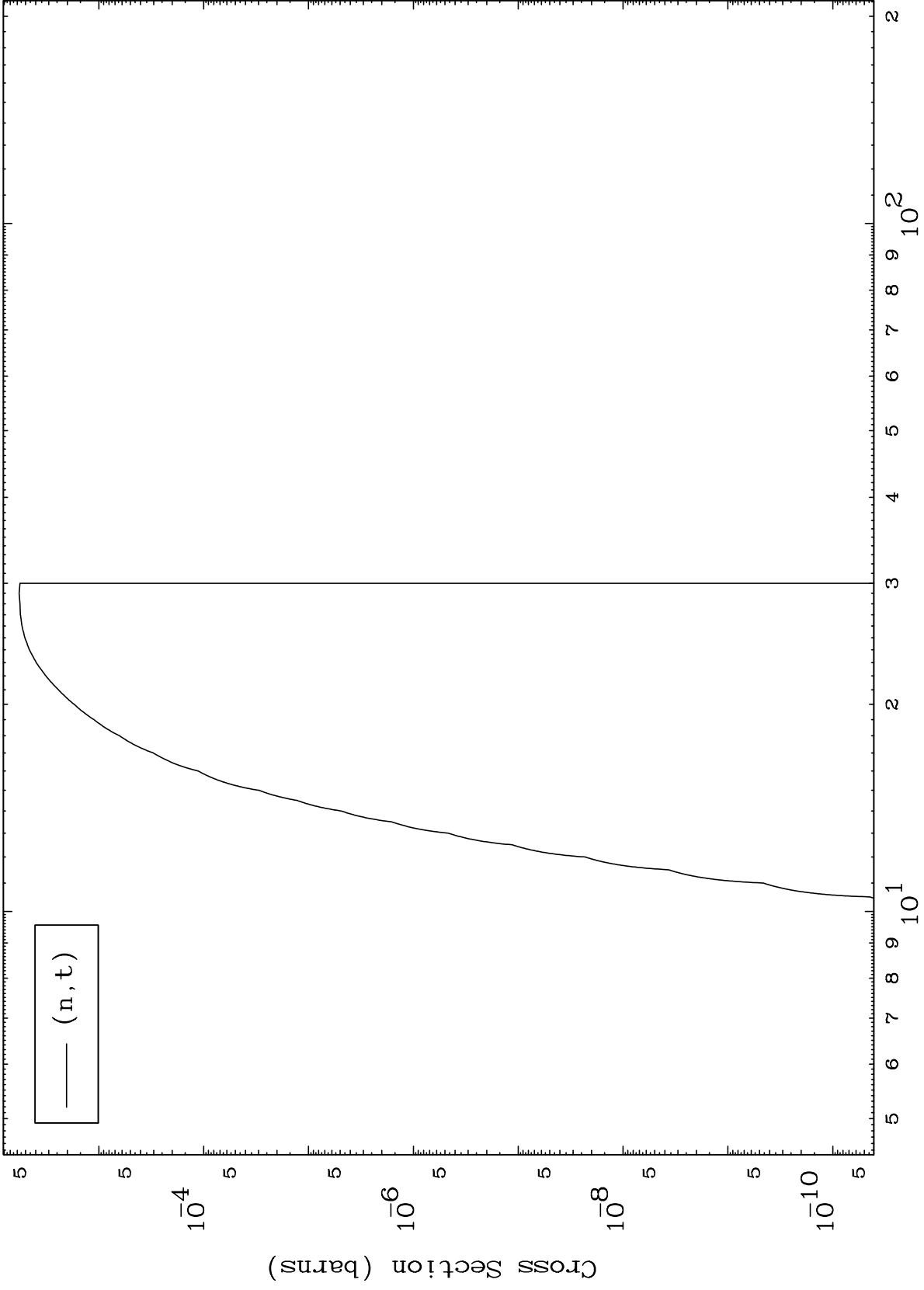
78-Pt-193



MAT 7834

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-193



12

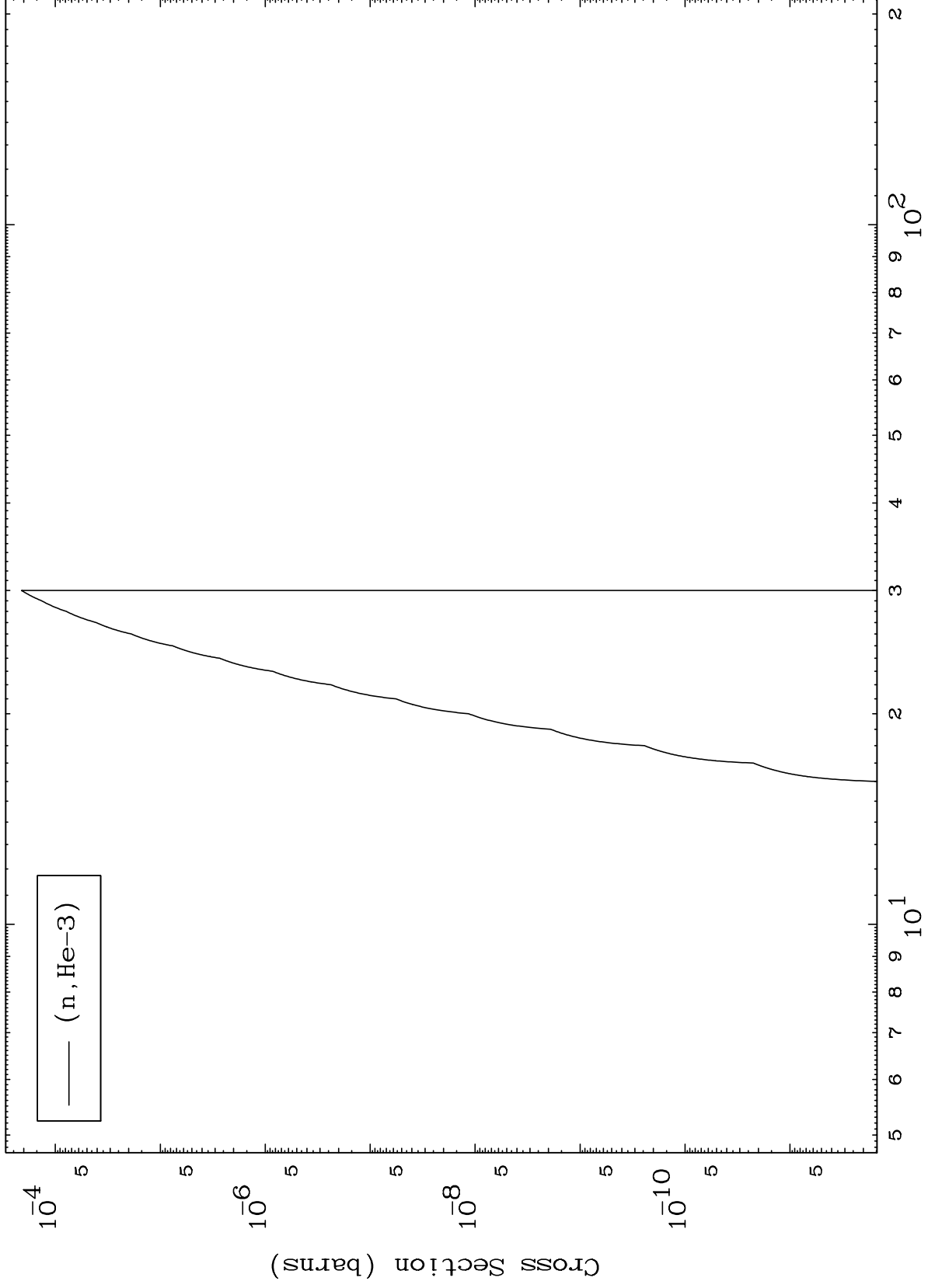
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-193



13

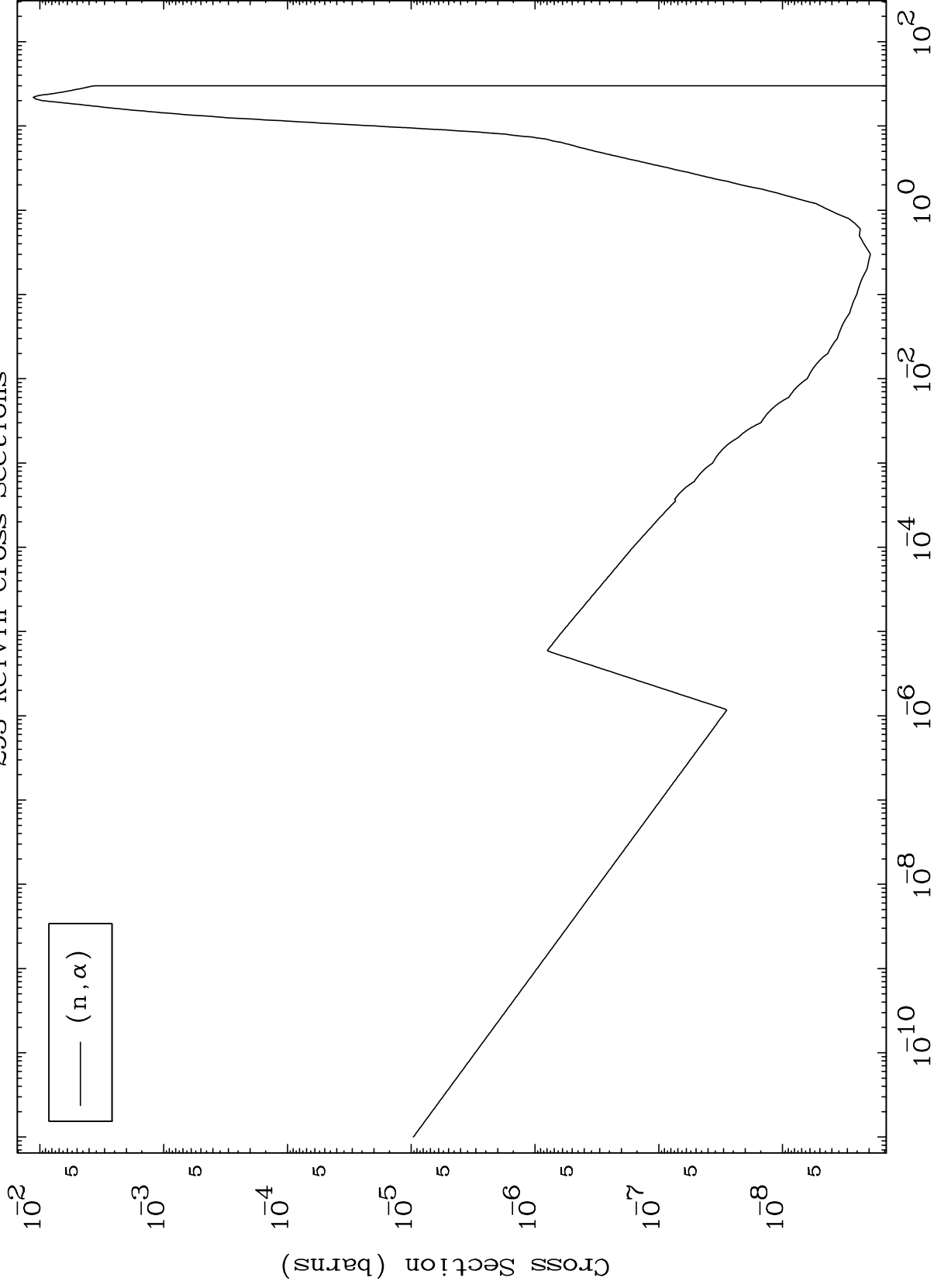
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n, α) Levels
293 Kelvin Cross Sections

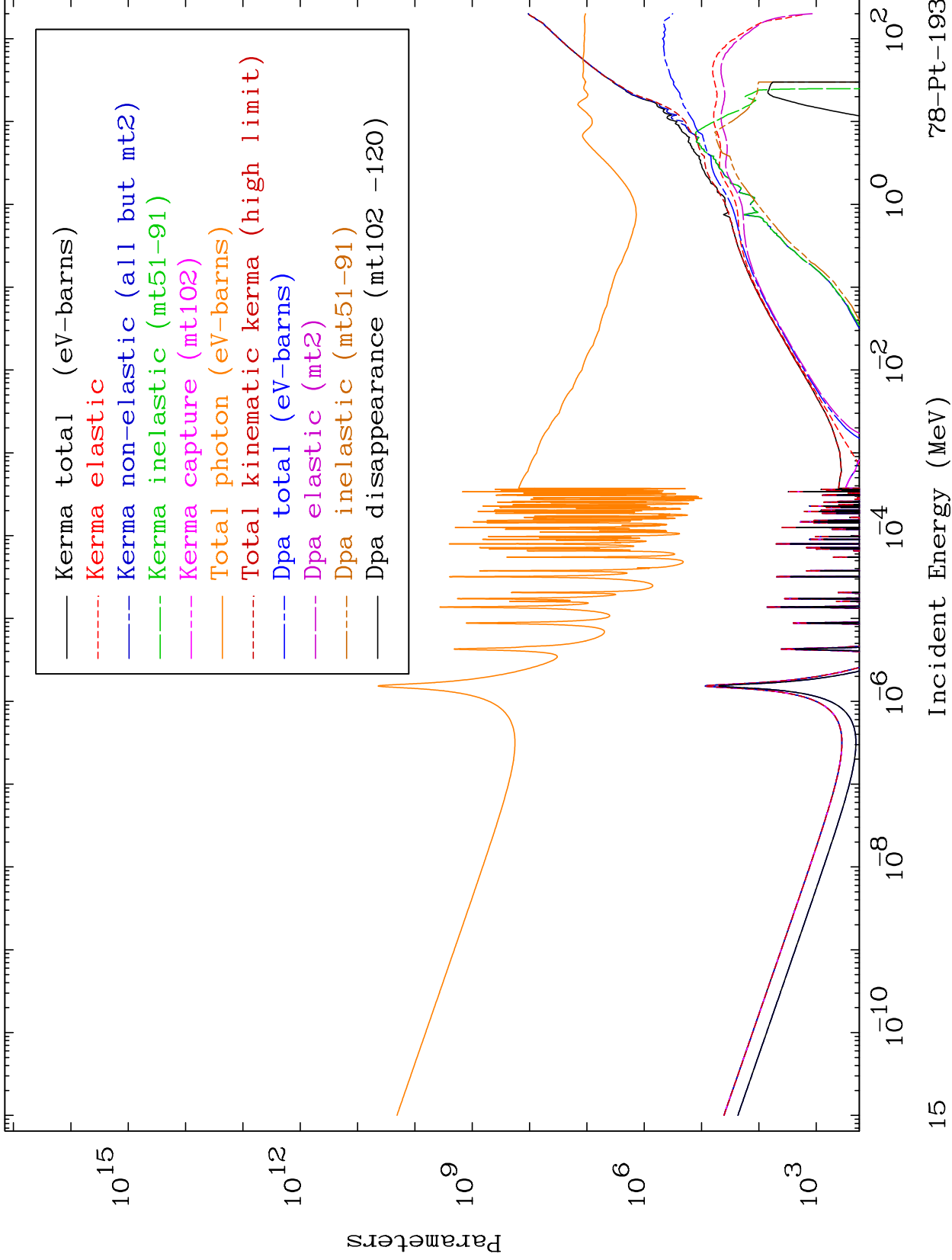
78-Pt-193

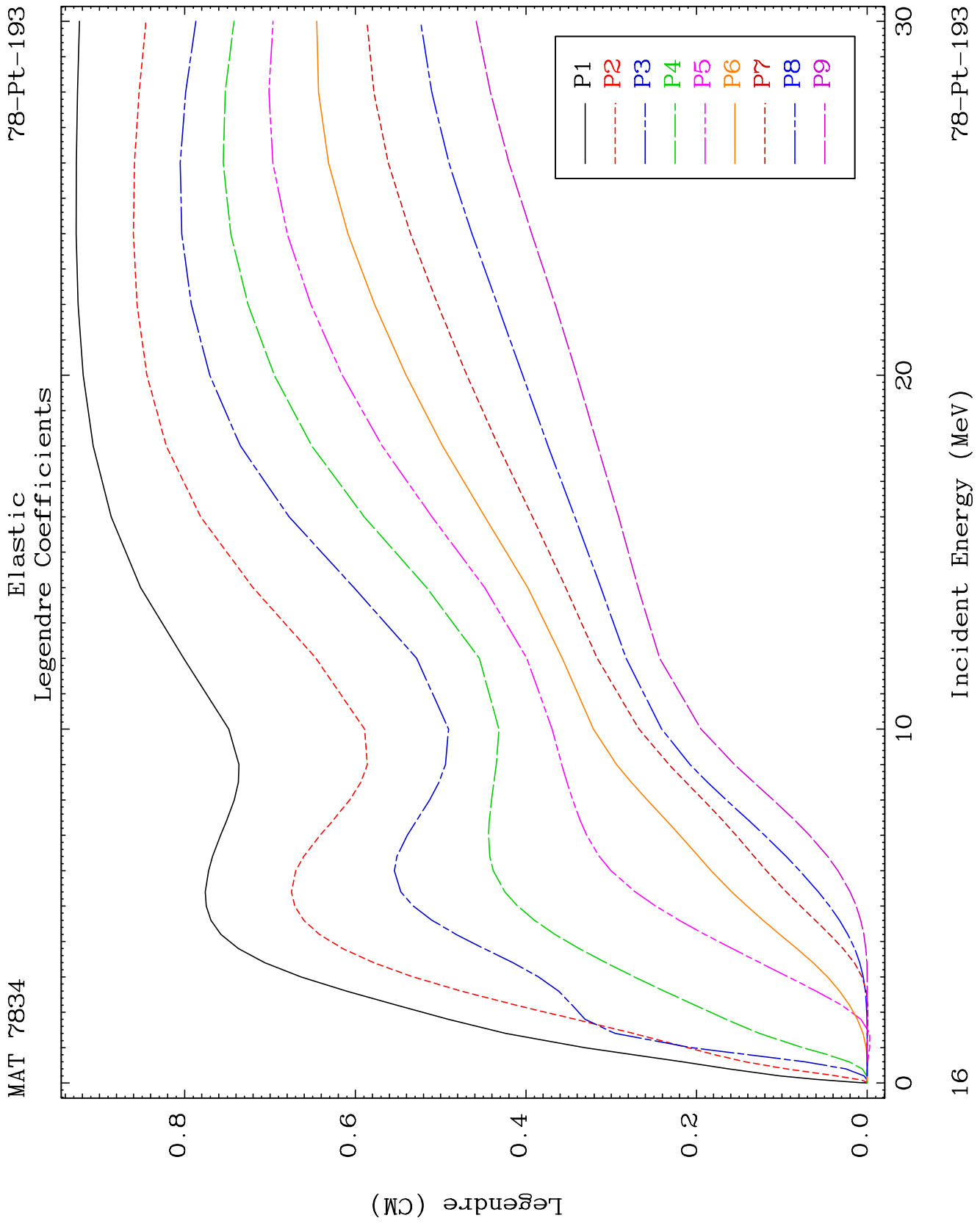


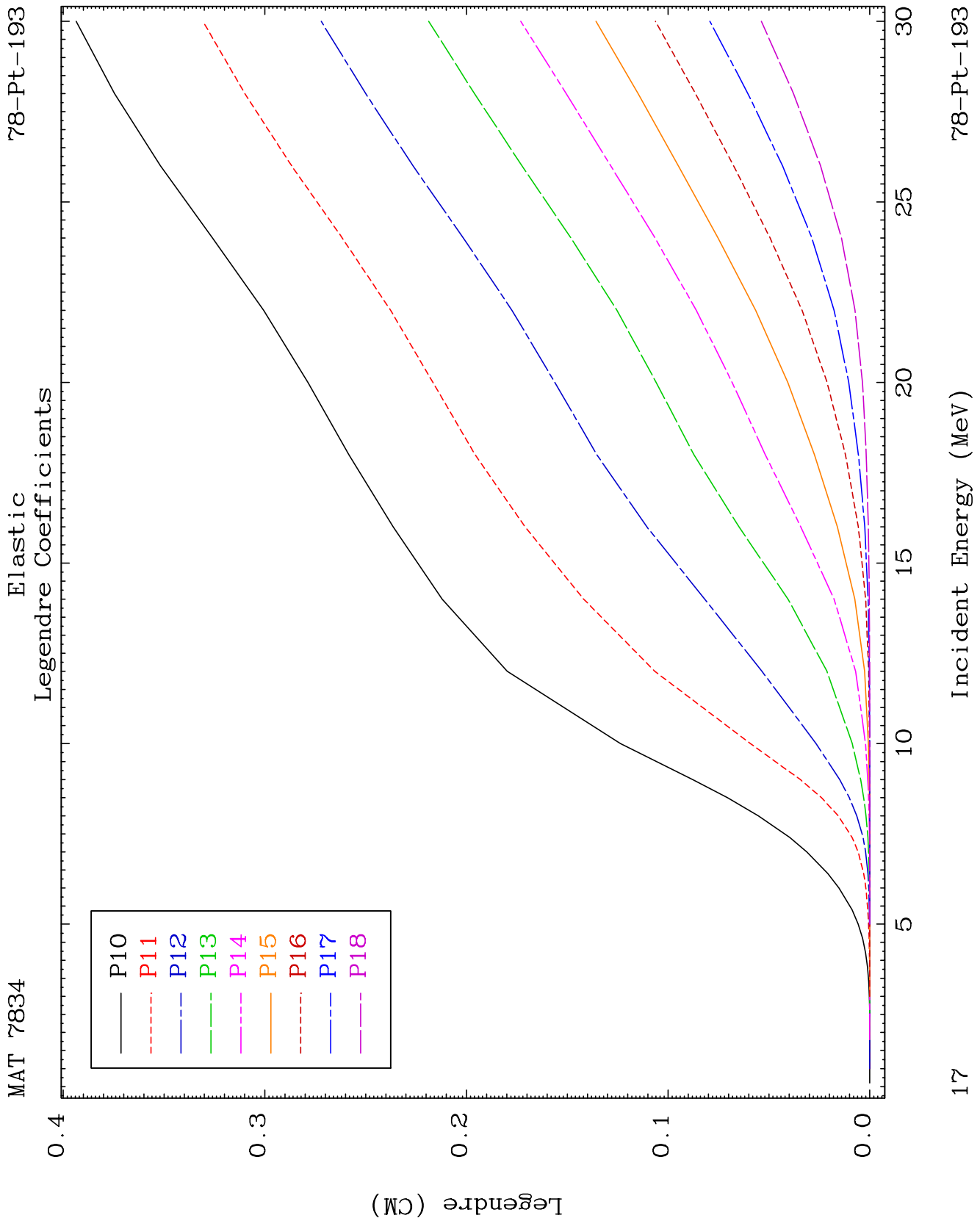
14

Incident Energy (MeV)

78-Pt-193



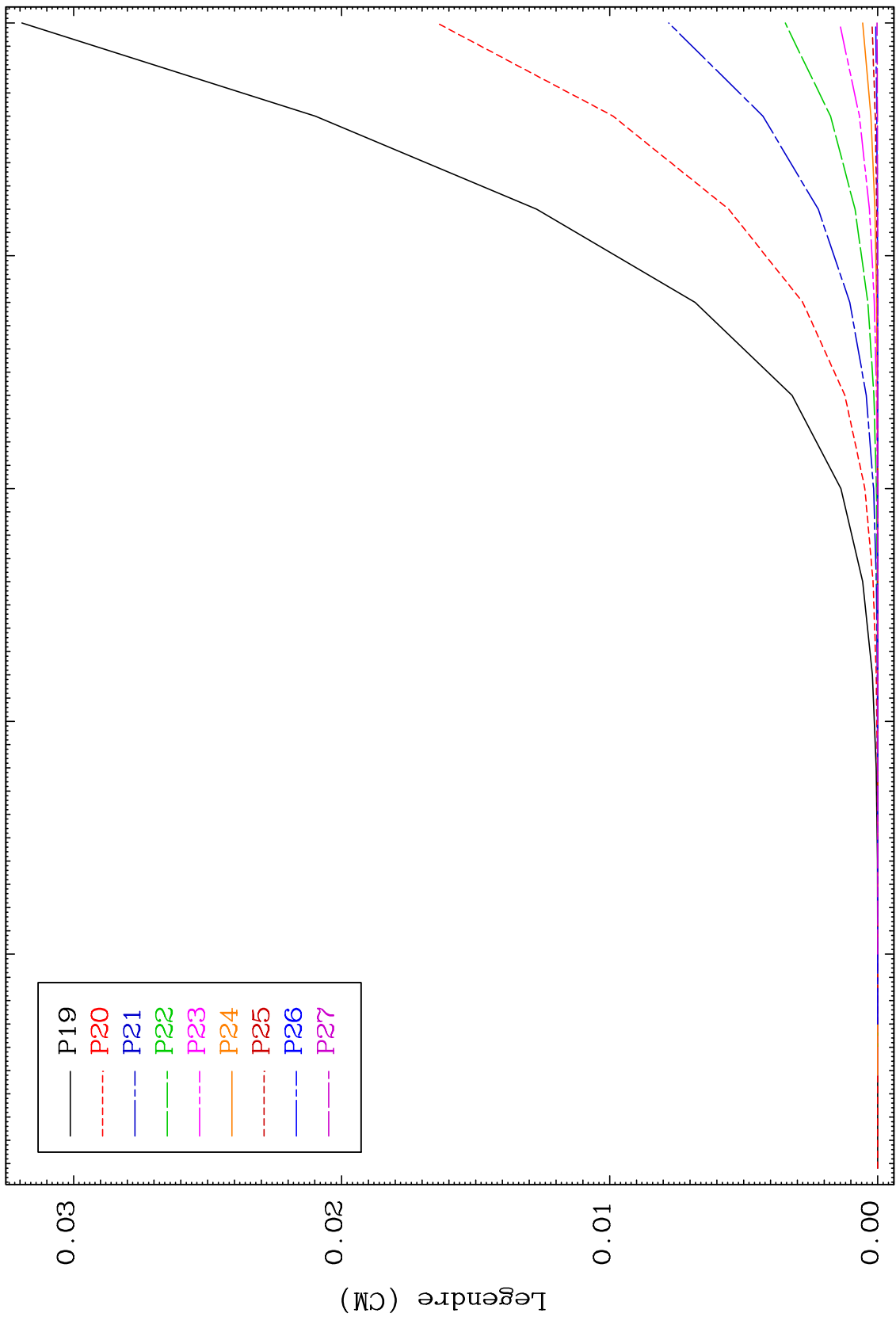




MAT 7834

Elastic Legendre Coefficients

78-Pt-193



18

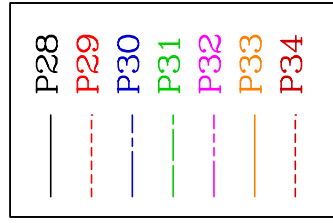
Incident Energy (MeV)

78-Pt-193

MAT 7834

Elastic
Legendre Coefficients

78-Pt-193



$\times 10^{-6}$

Legendre (CM)

8

6

4

2

0

15

20

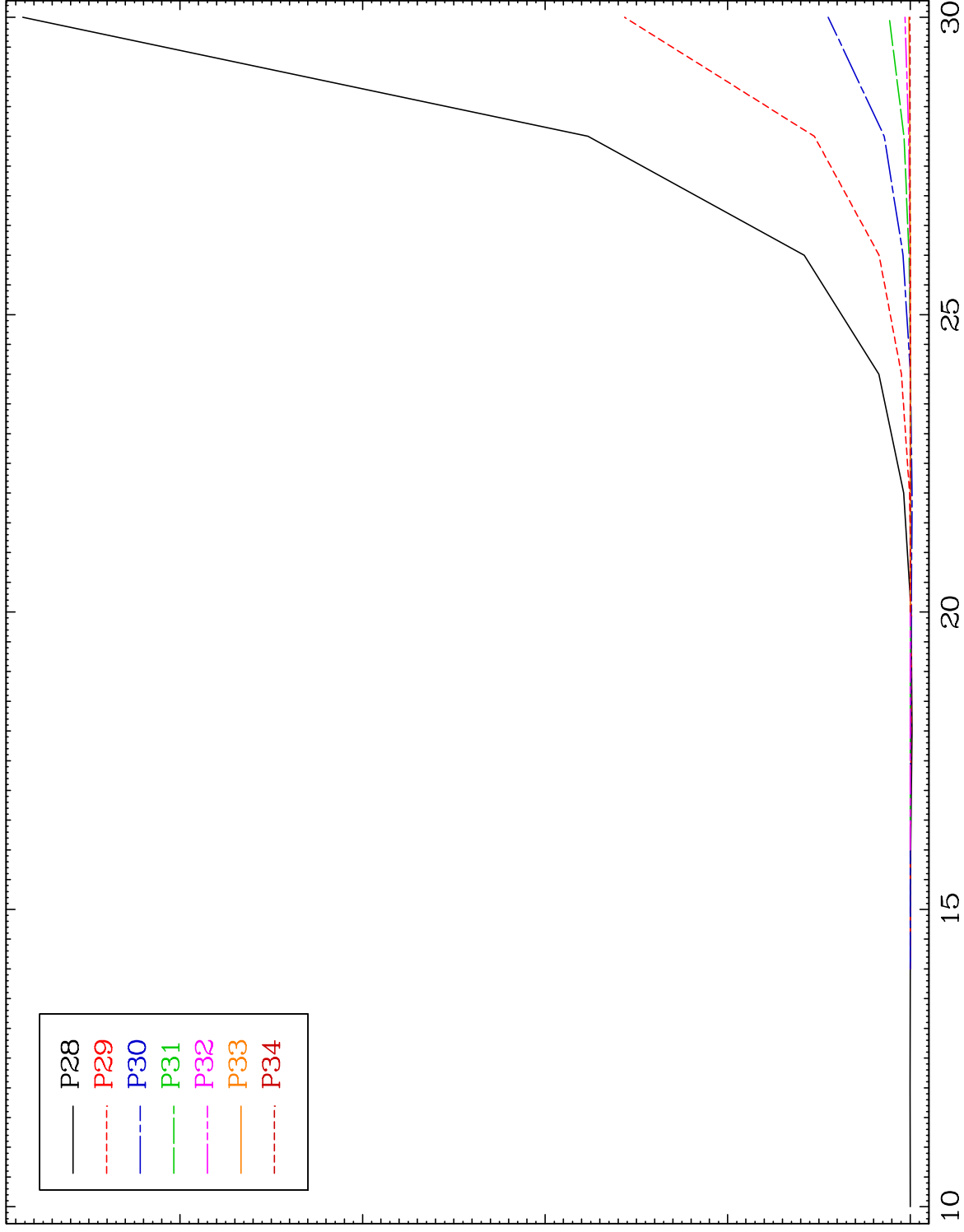
25

30

19

Incident Energy (MeV)

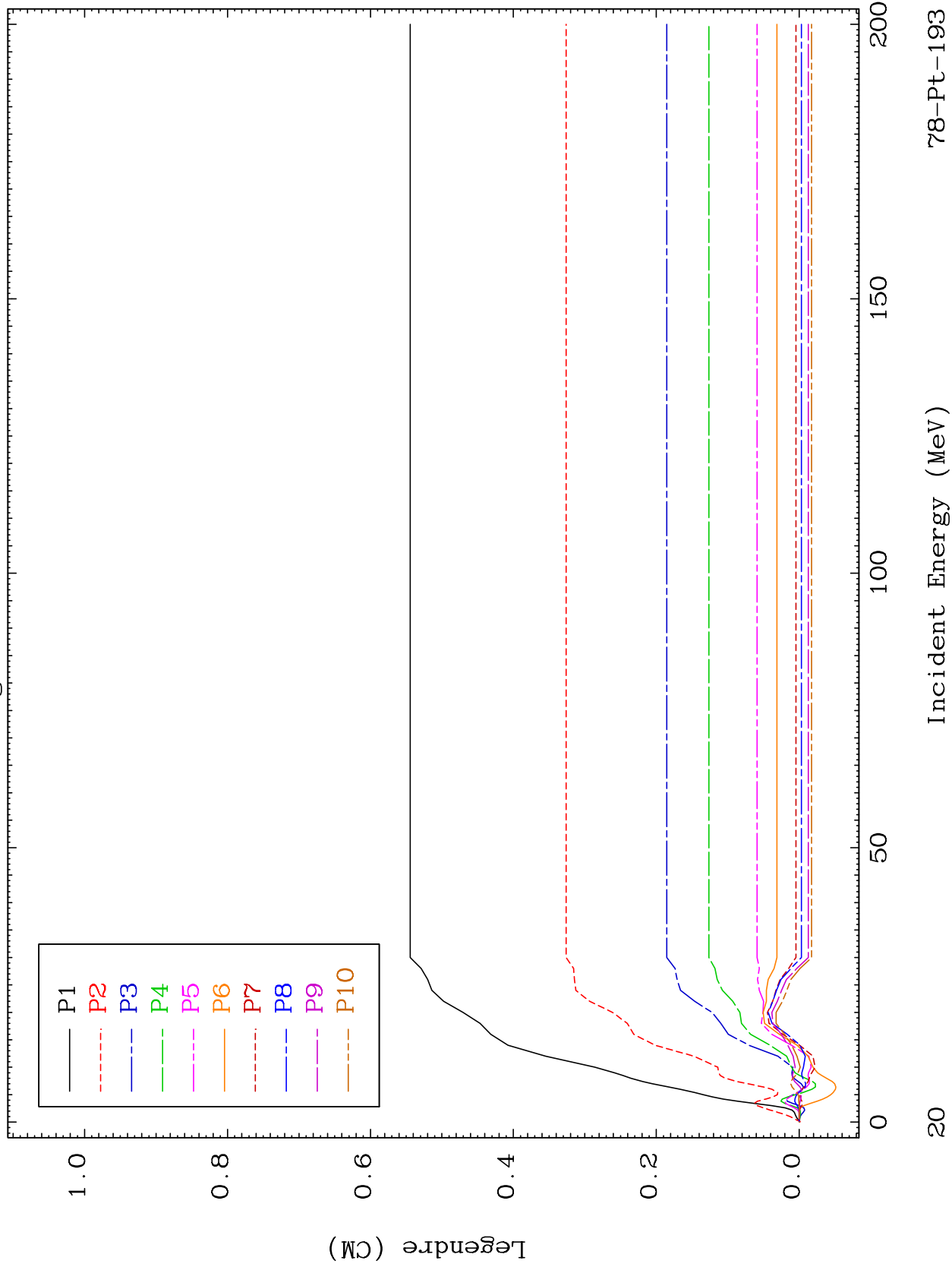
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

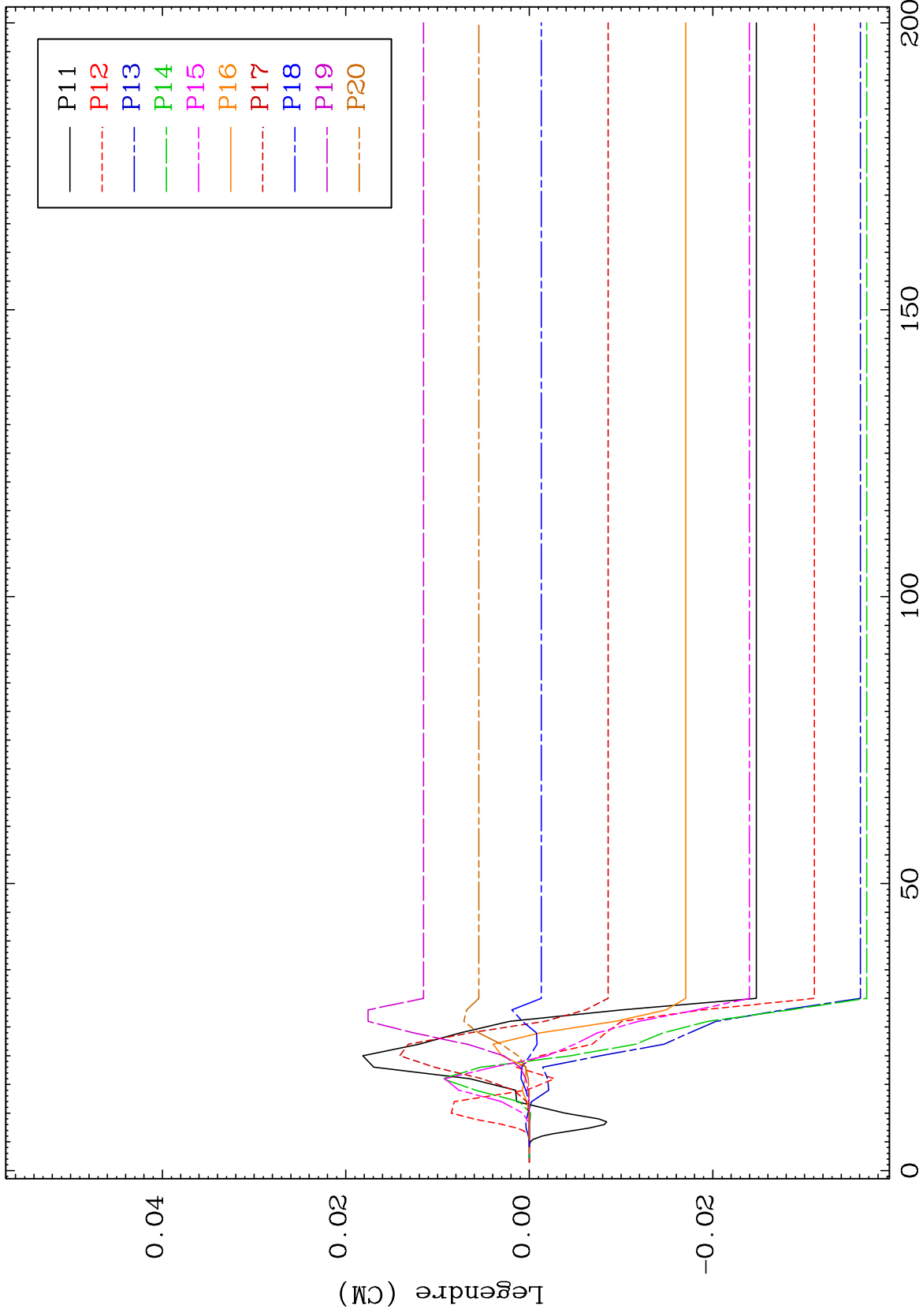
Incident Energy (MeV)

0

MAT 7834

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

78-Pt-193



21

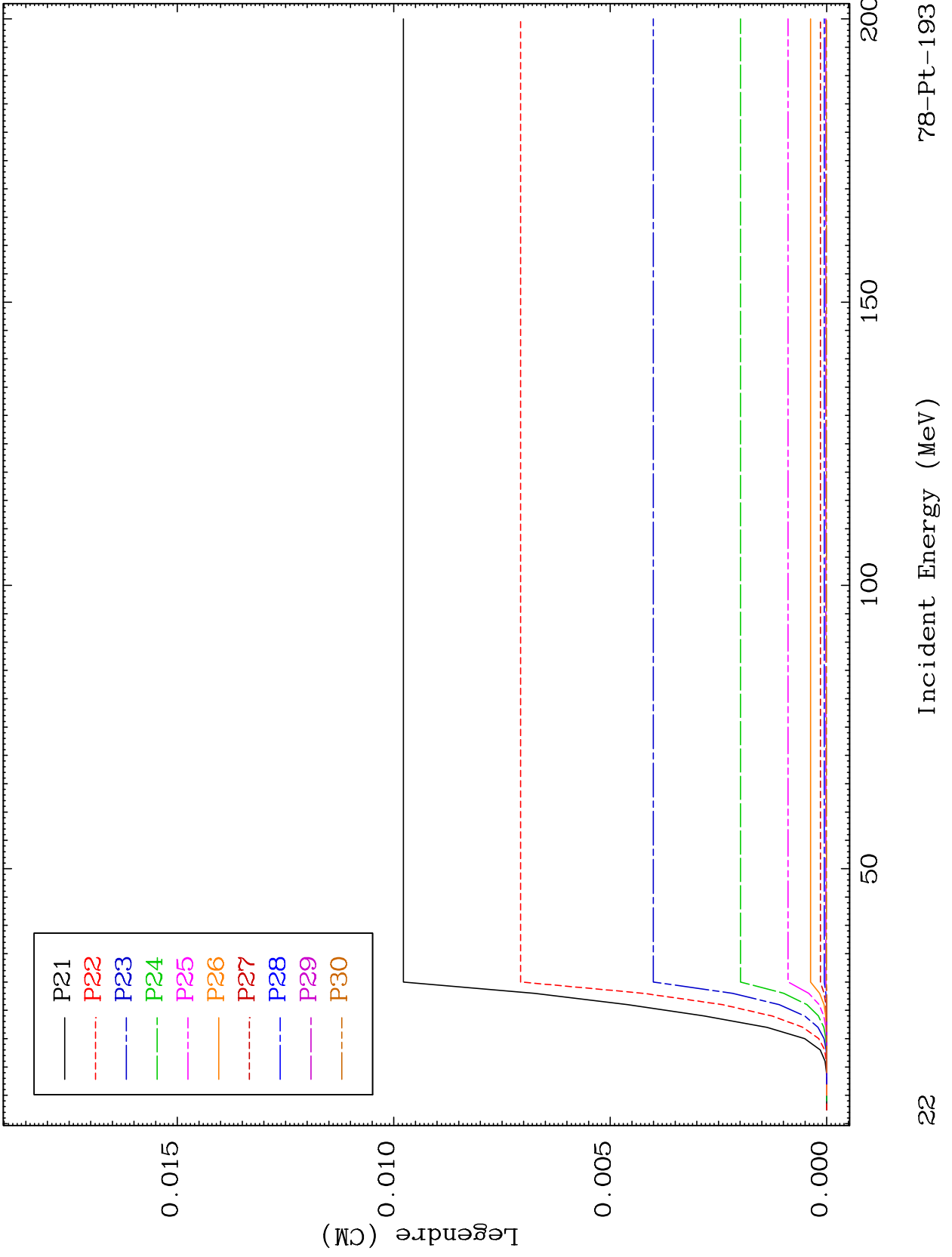
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

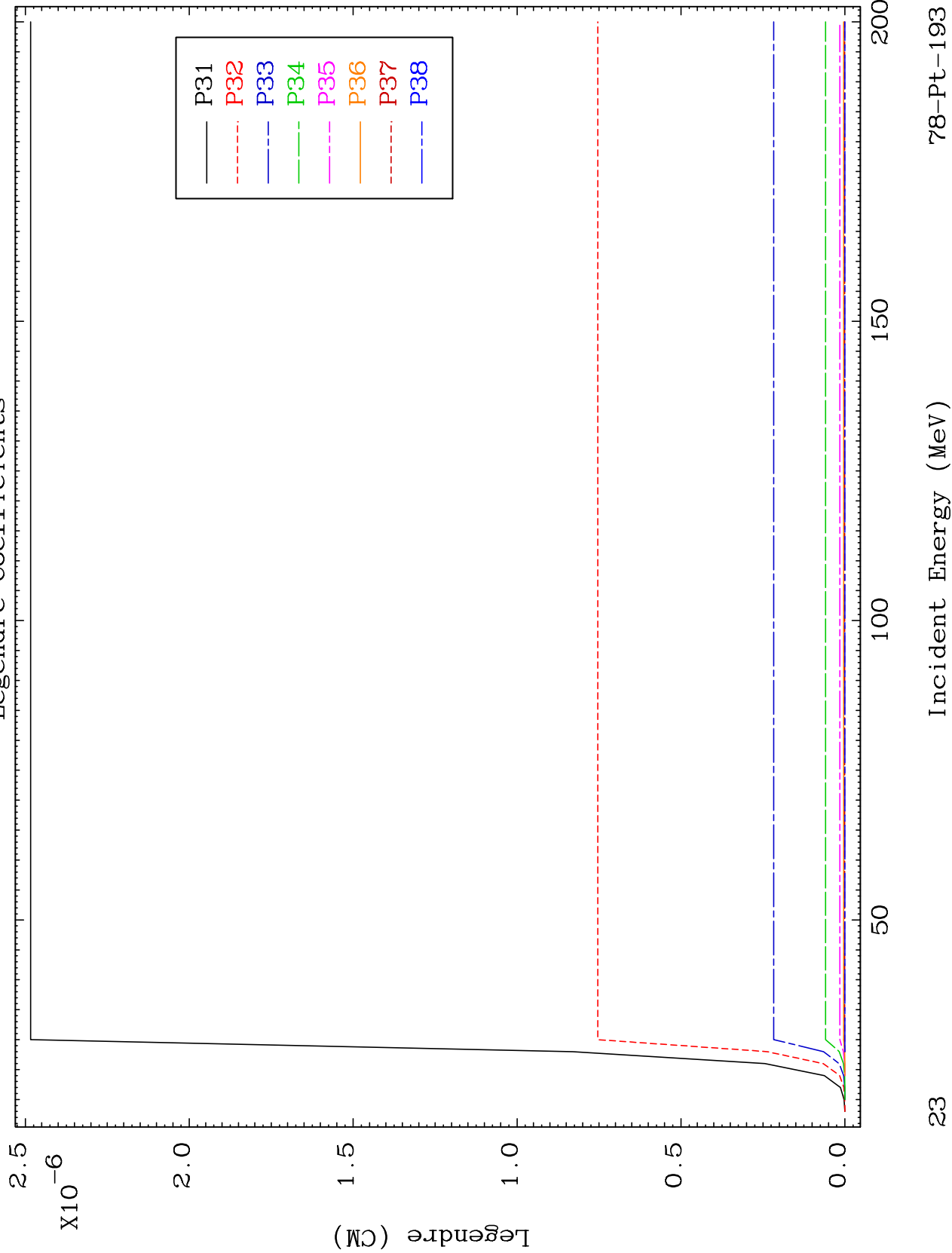
78-Pt-193



22

Incident Energy (MeV)

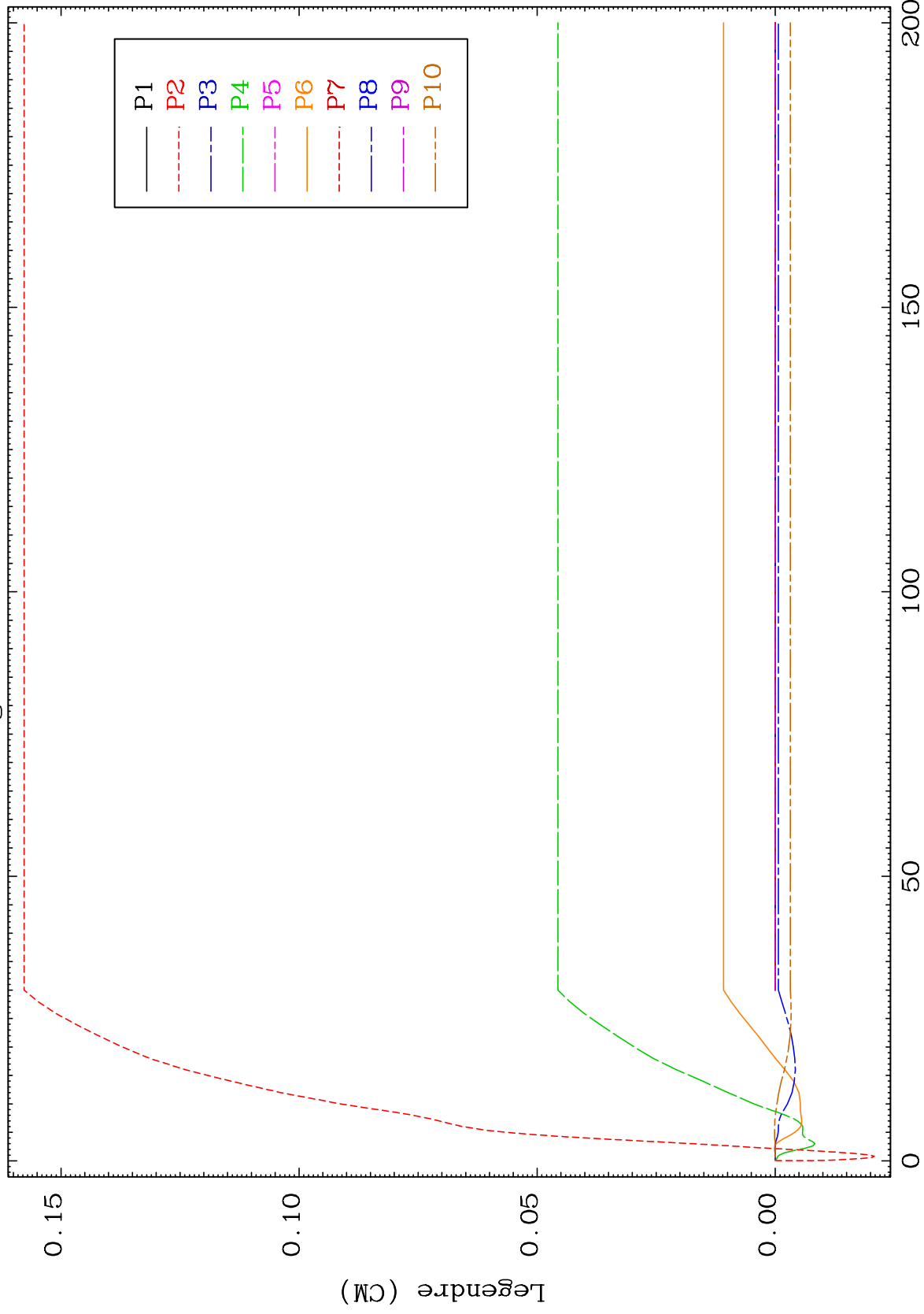
78-Pt-193



MAT 7834

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

78-Pt-193



24

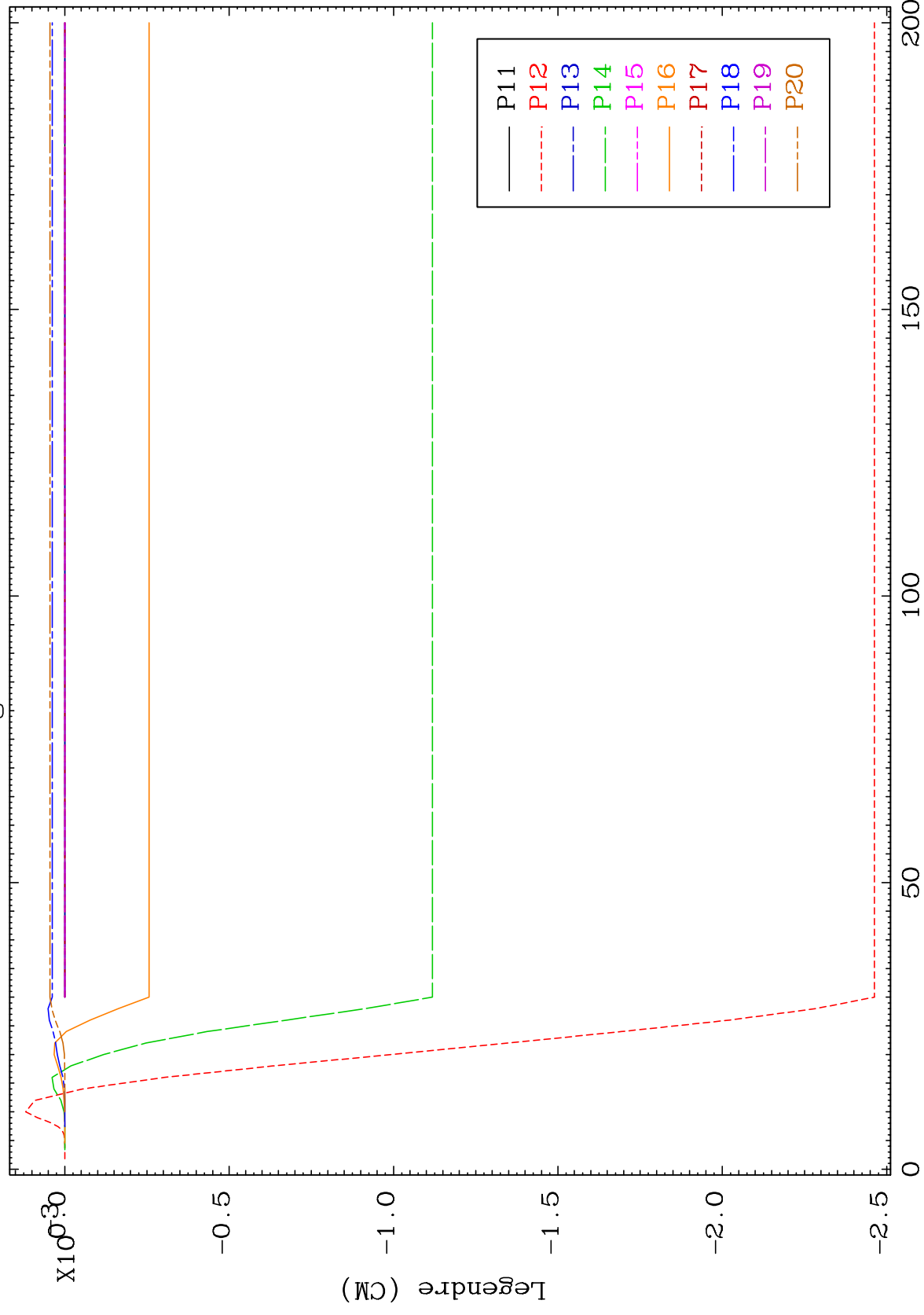
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



25

Incident Energy (MeV)

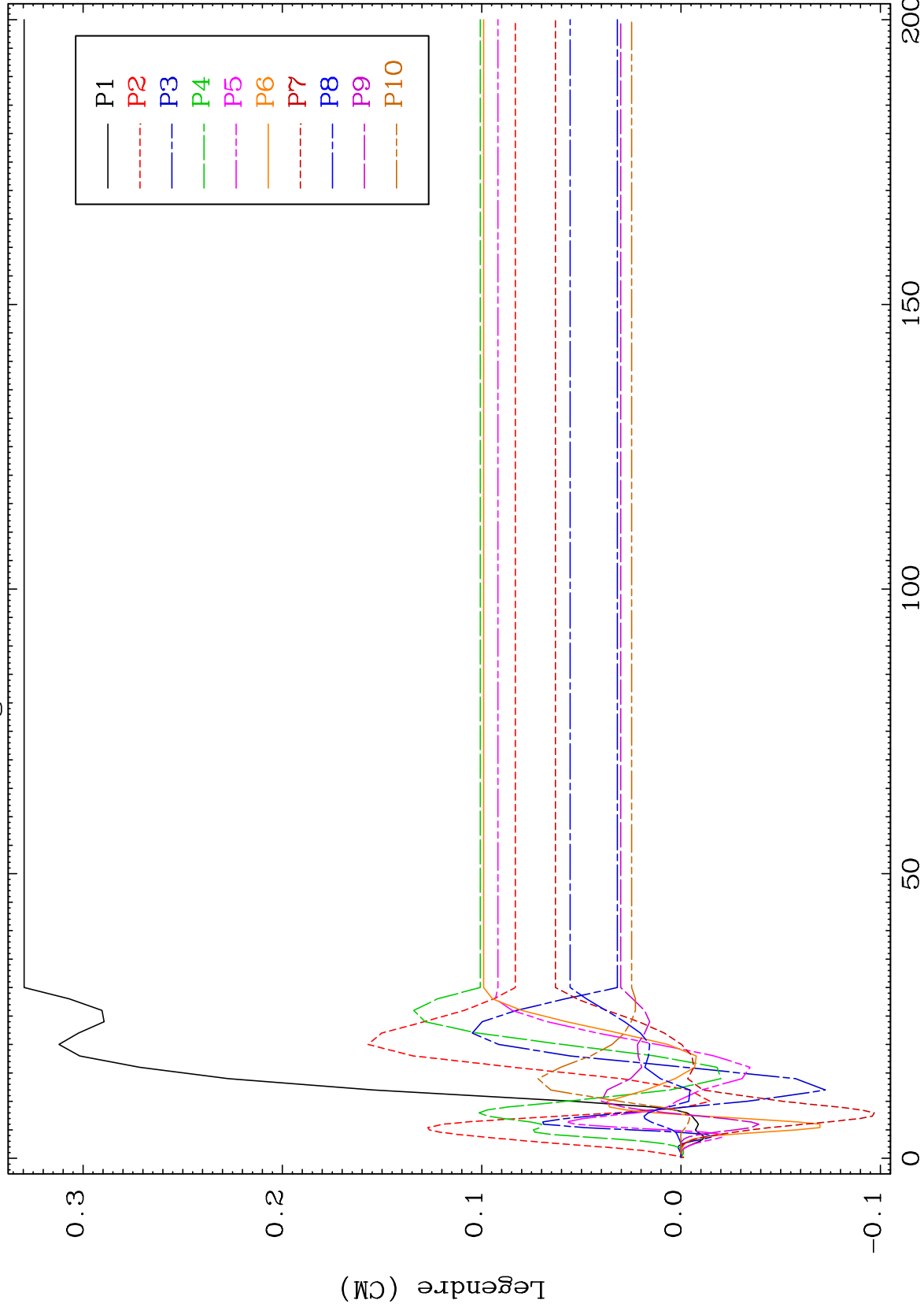
78-Pt-193

MAT 7834

MT= 53 (n,n') Level

78-Pt-193

Legendre Coefficients



27

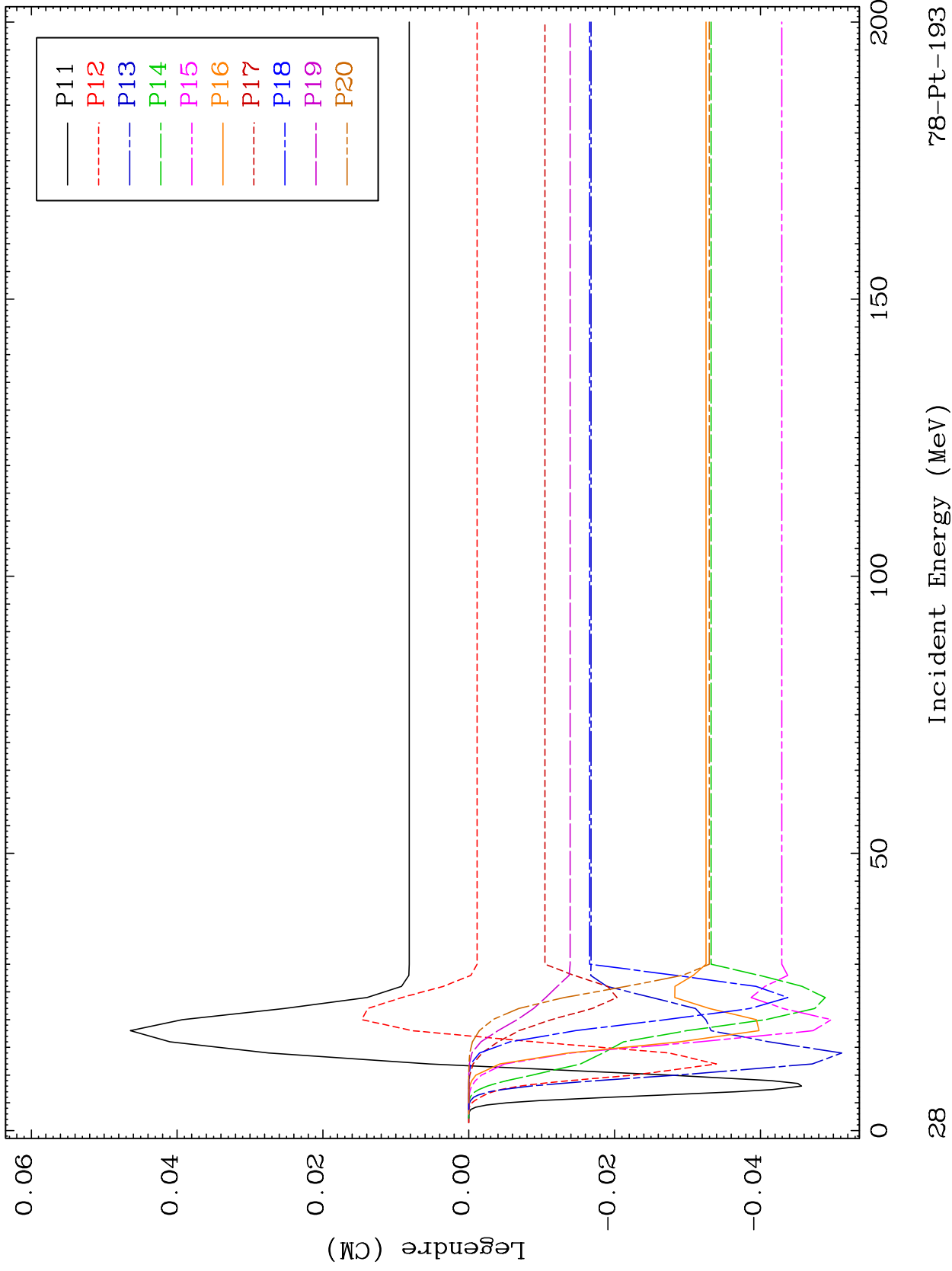
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

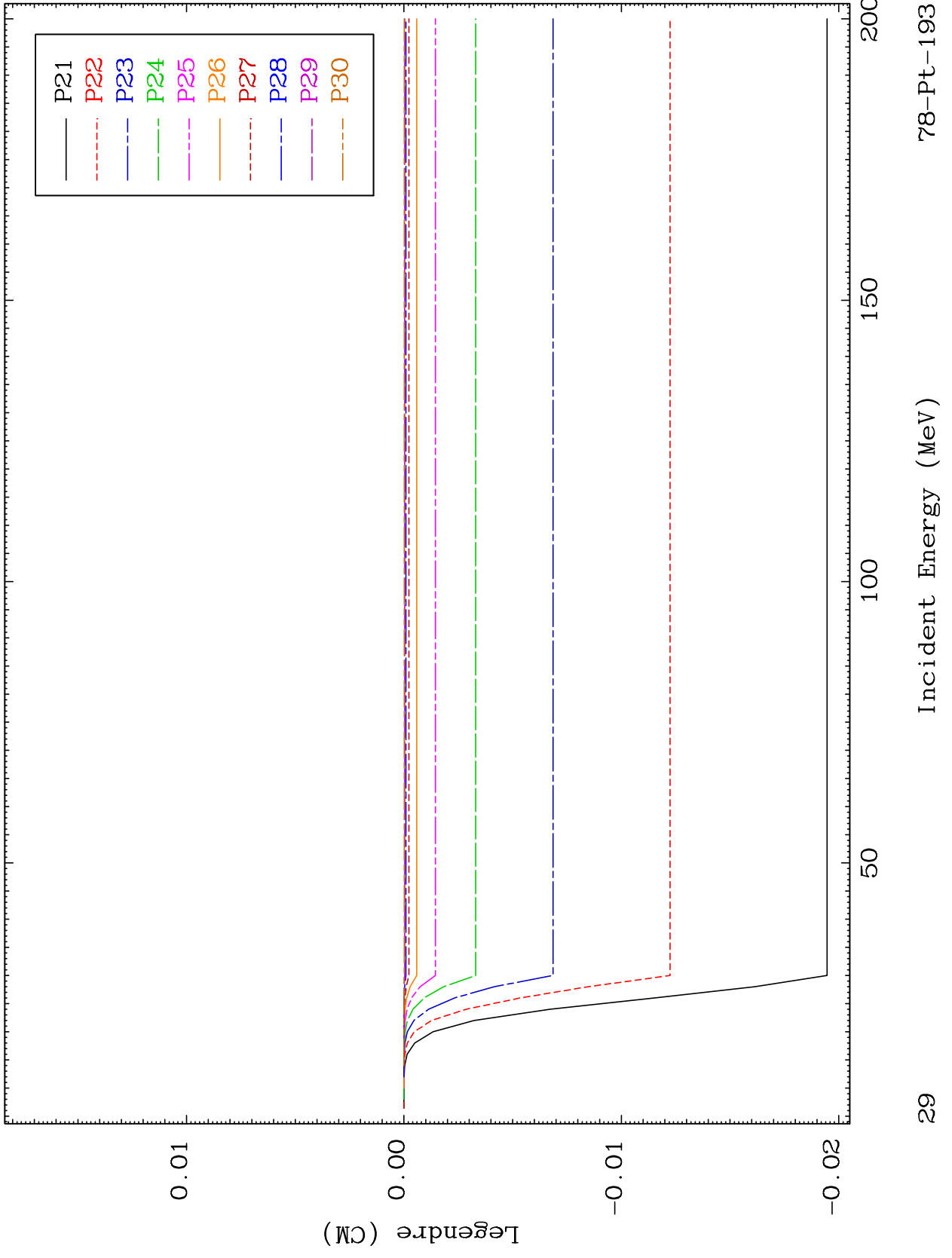
Incident Energy (MeV)

28

MAT 7834

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

78-Pt-193

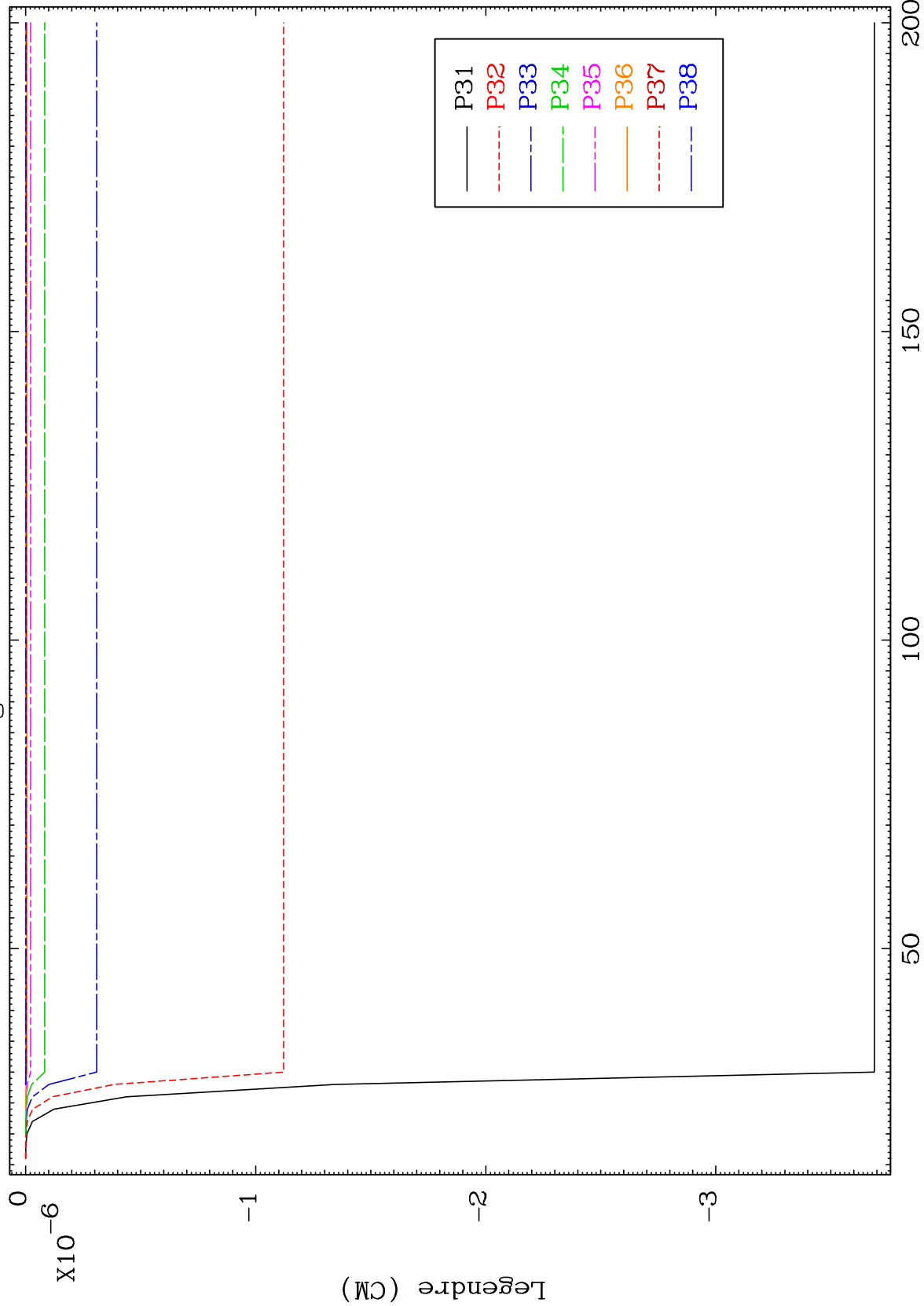


29

MAT 7834

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

78-Pt-193



30

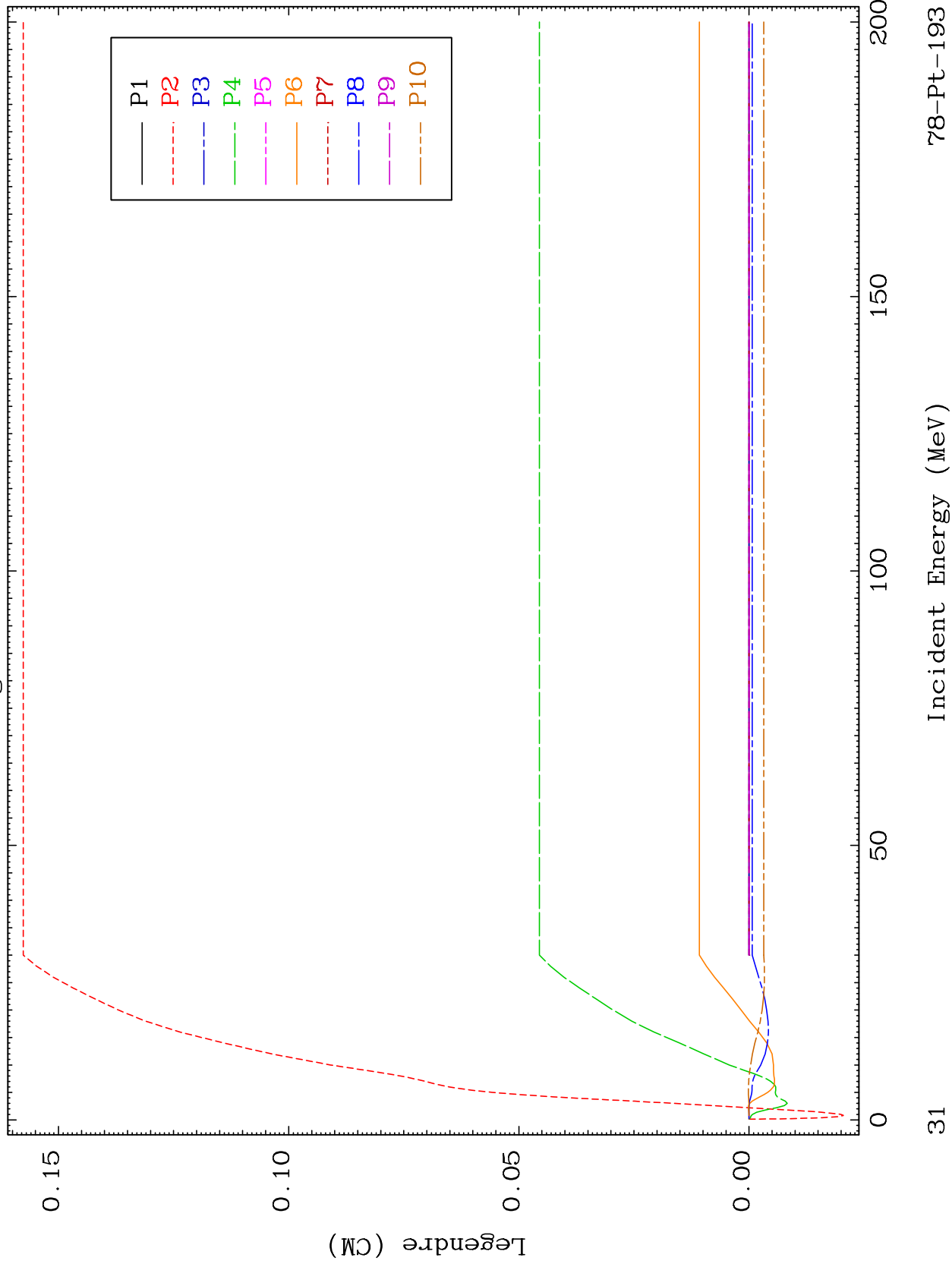
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



31

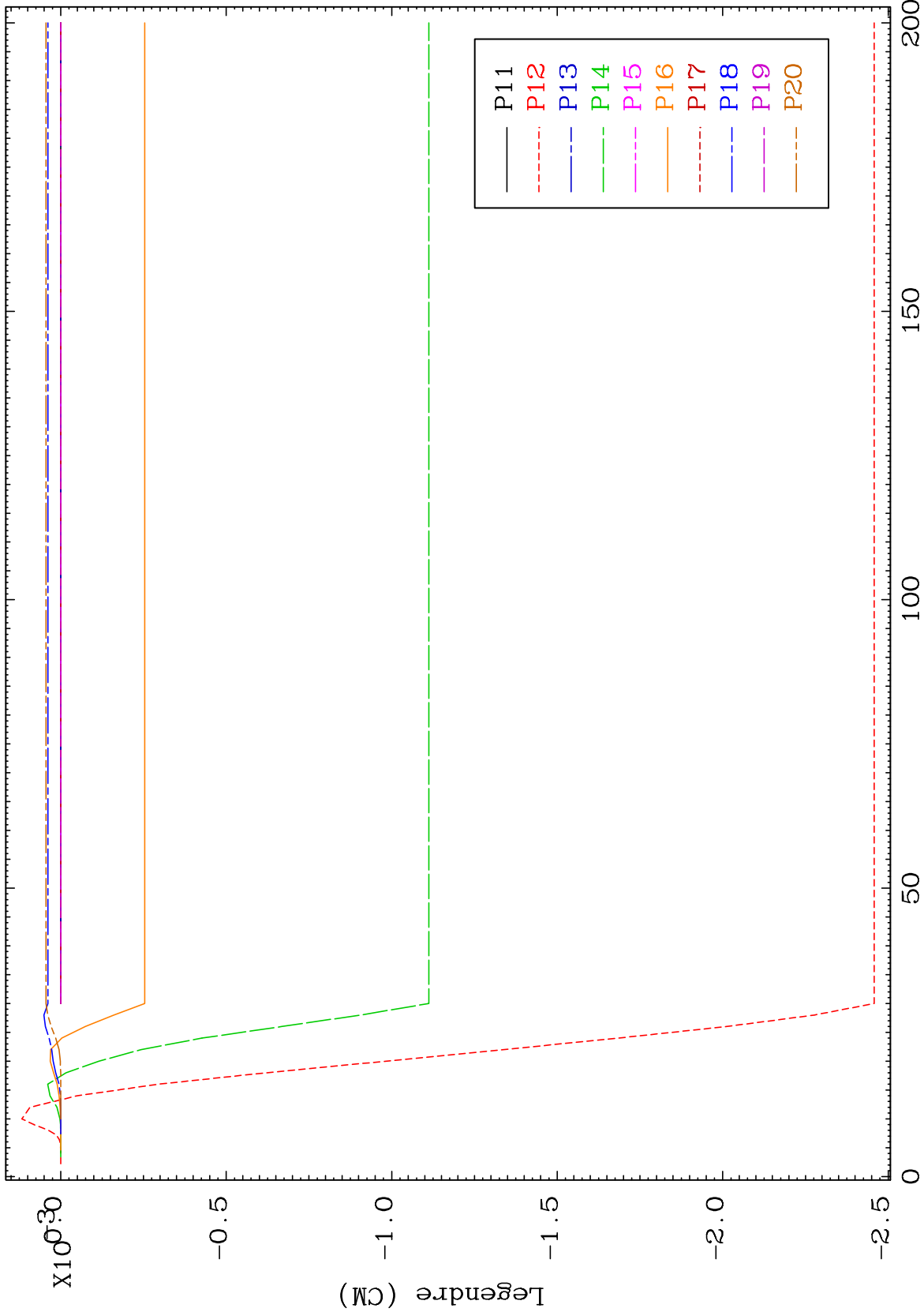
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

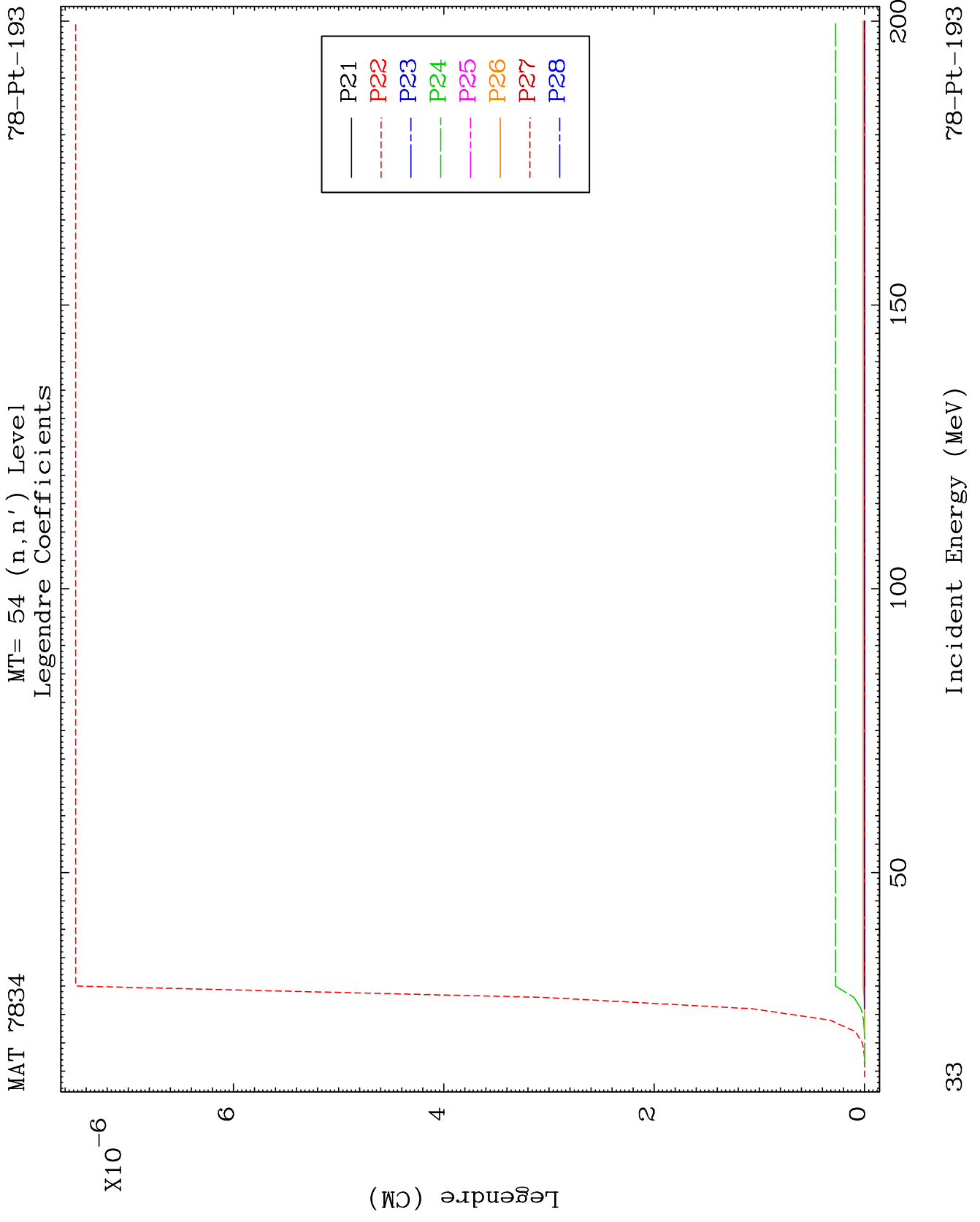
78-Pt-193



32

Incident Energy (MeV)

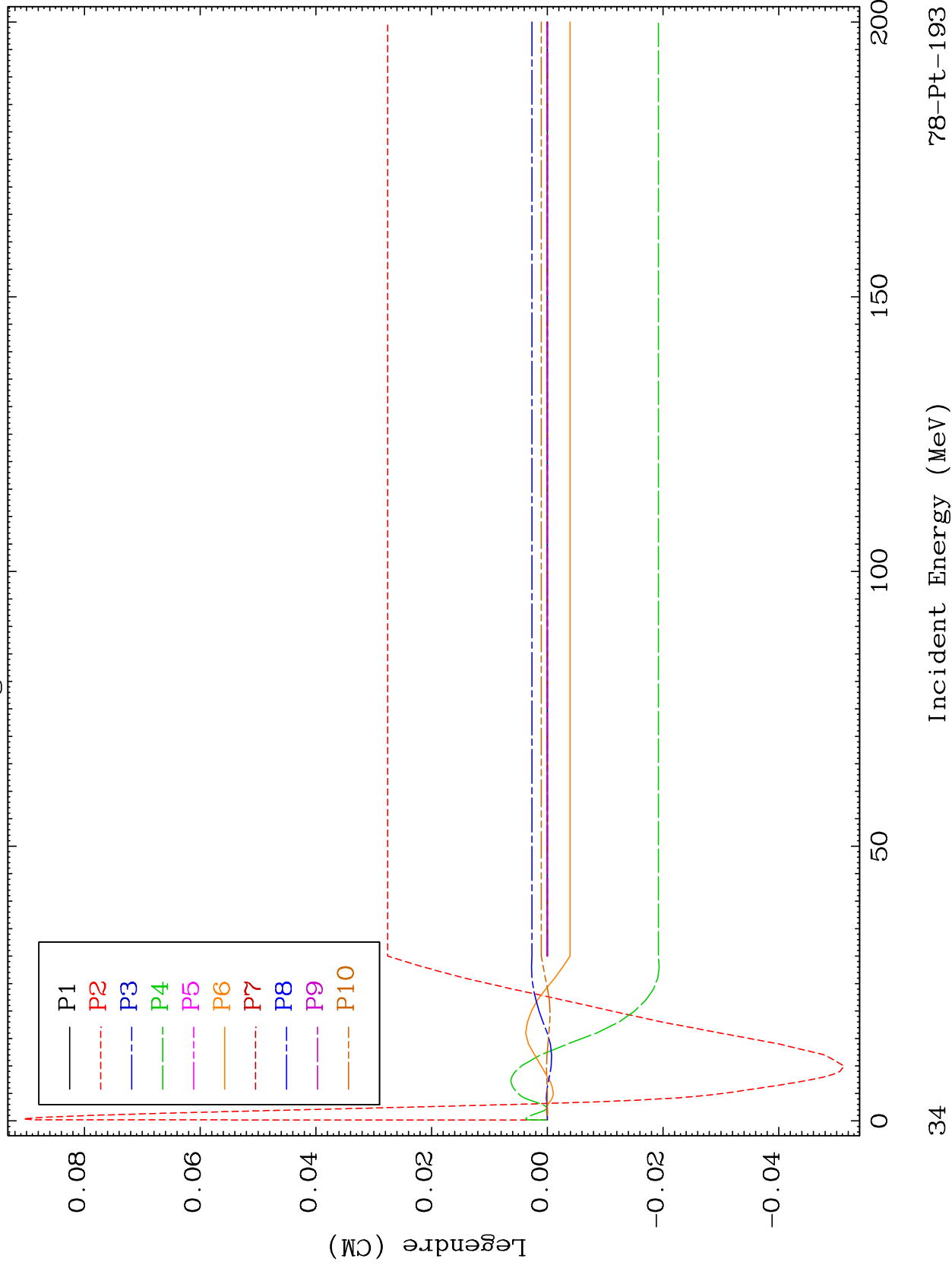
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

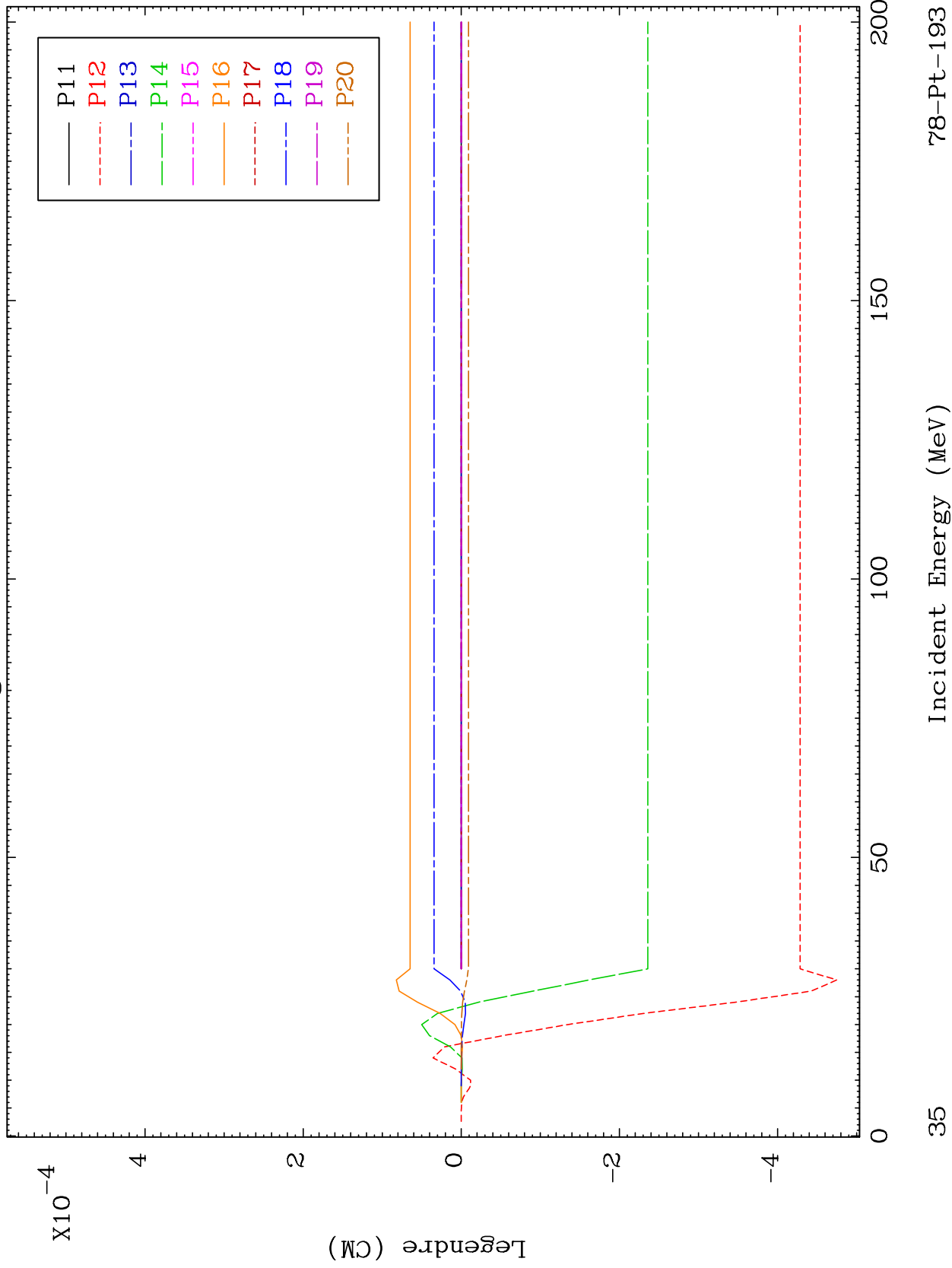
Incident Energy (MeV)

34

MAT 7834

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

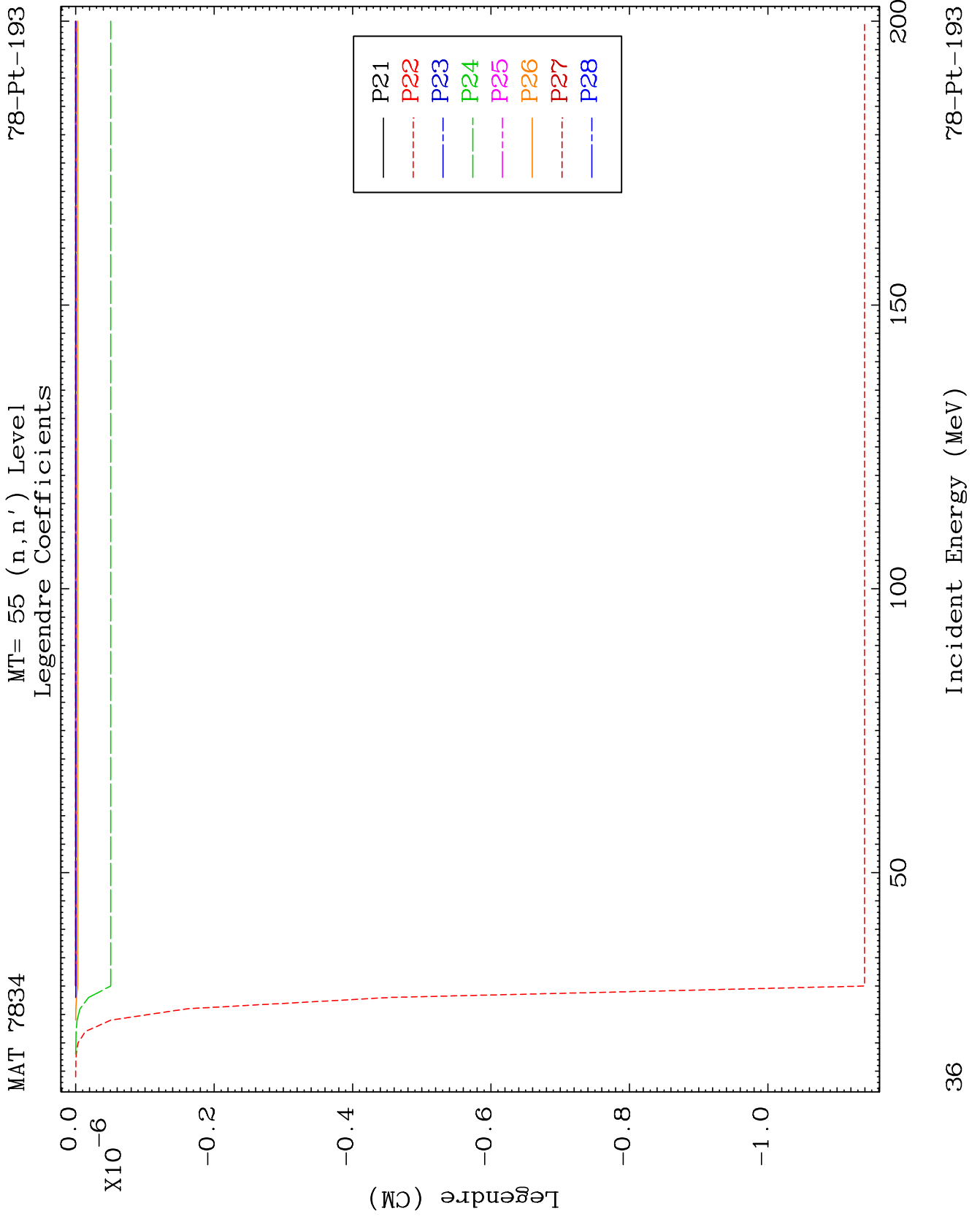
78-Pt-193



78-Pt-193

Incident Energy (MeV)

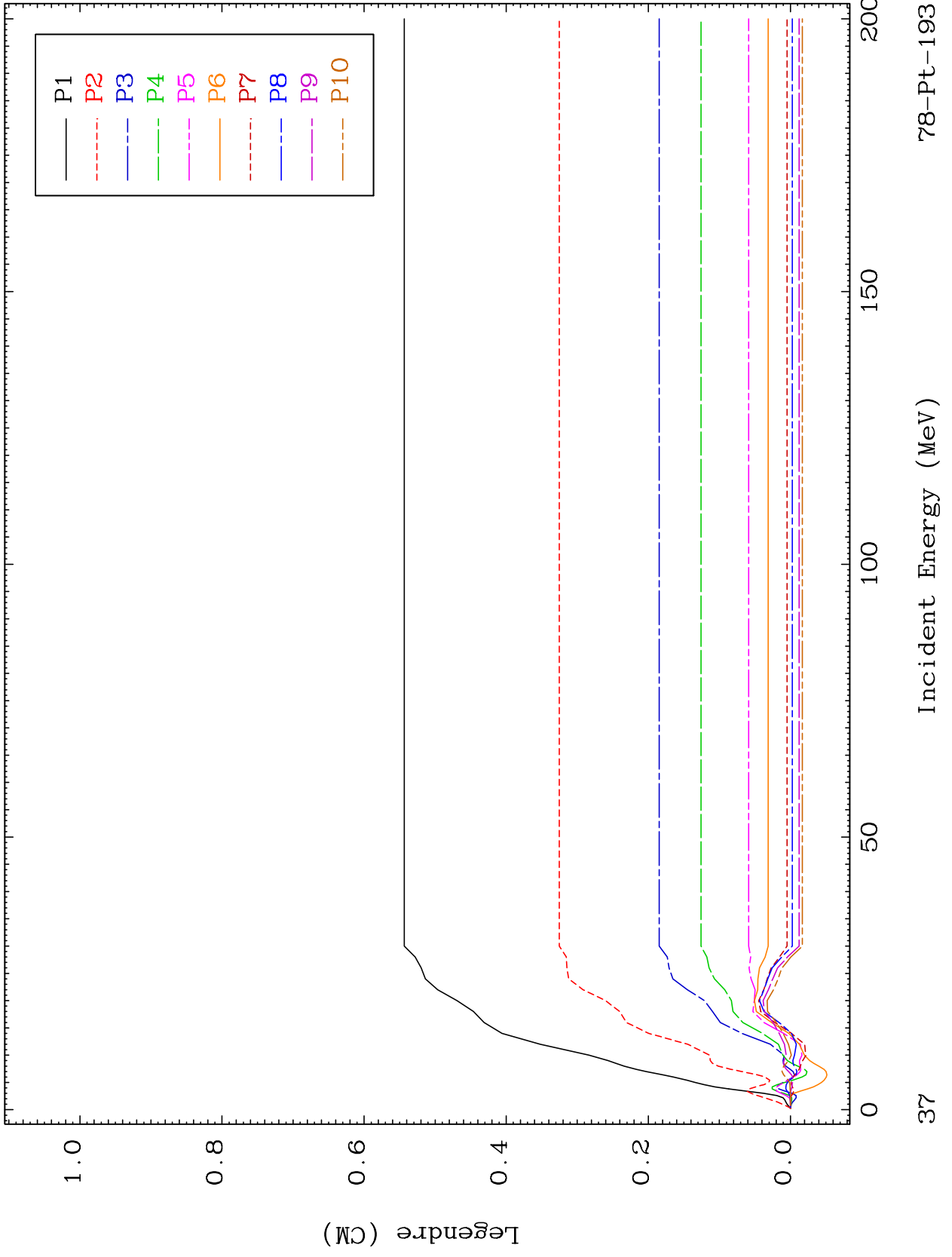
35



MAT 7834

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

78-Pt-193



37

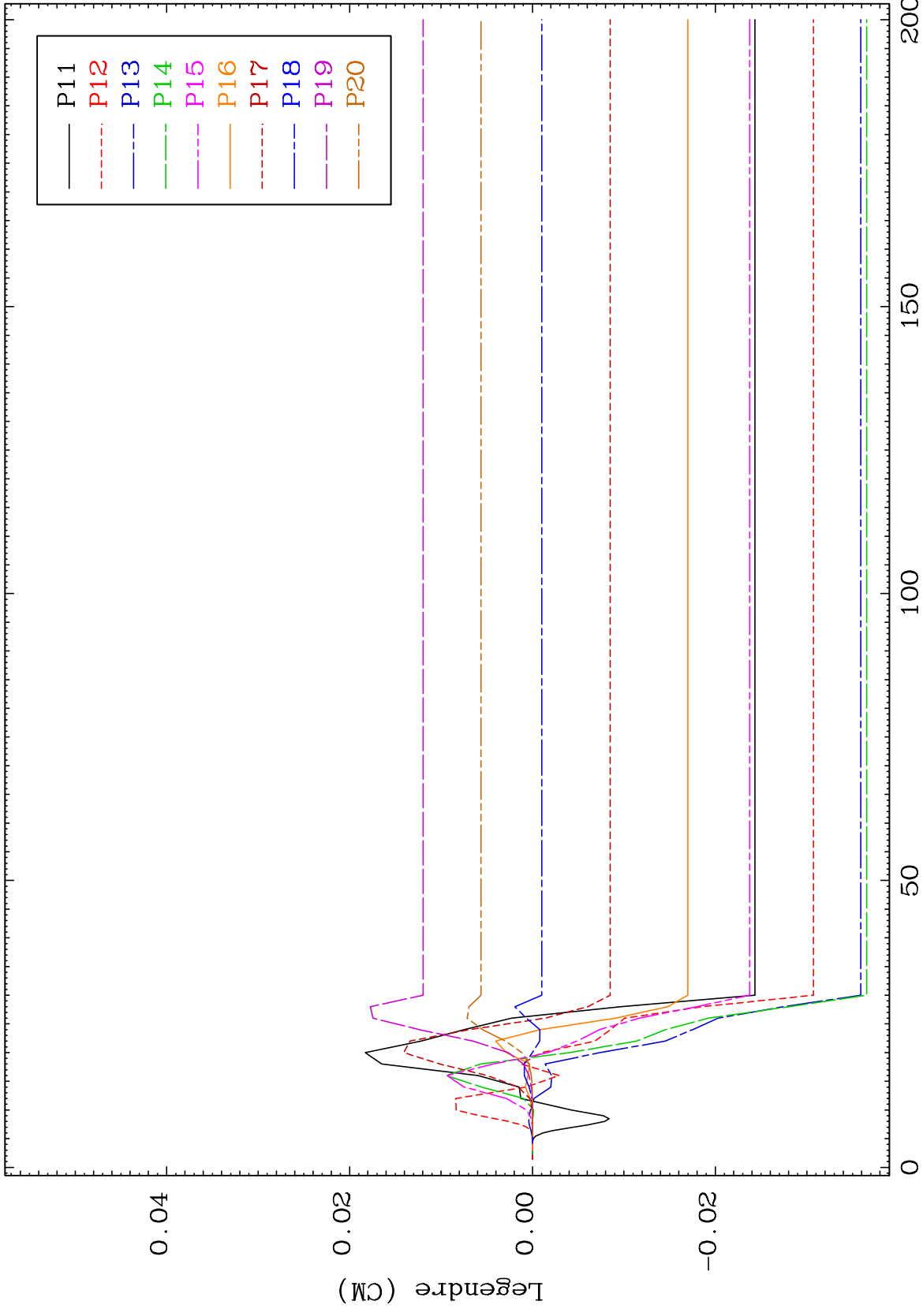
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



38

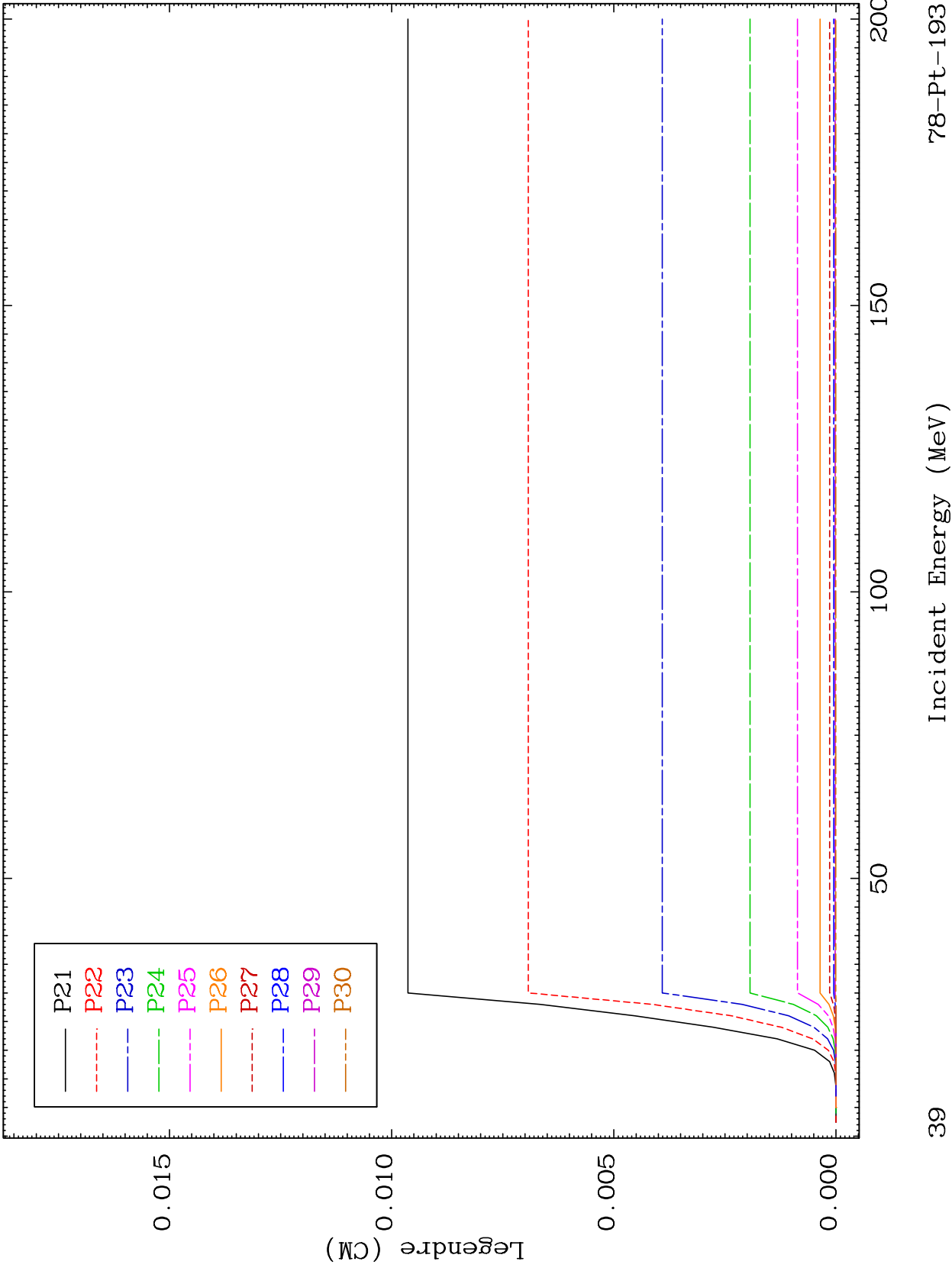
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



39

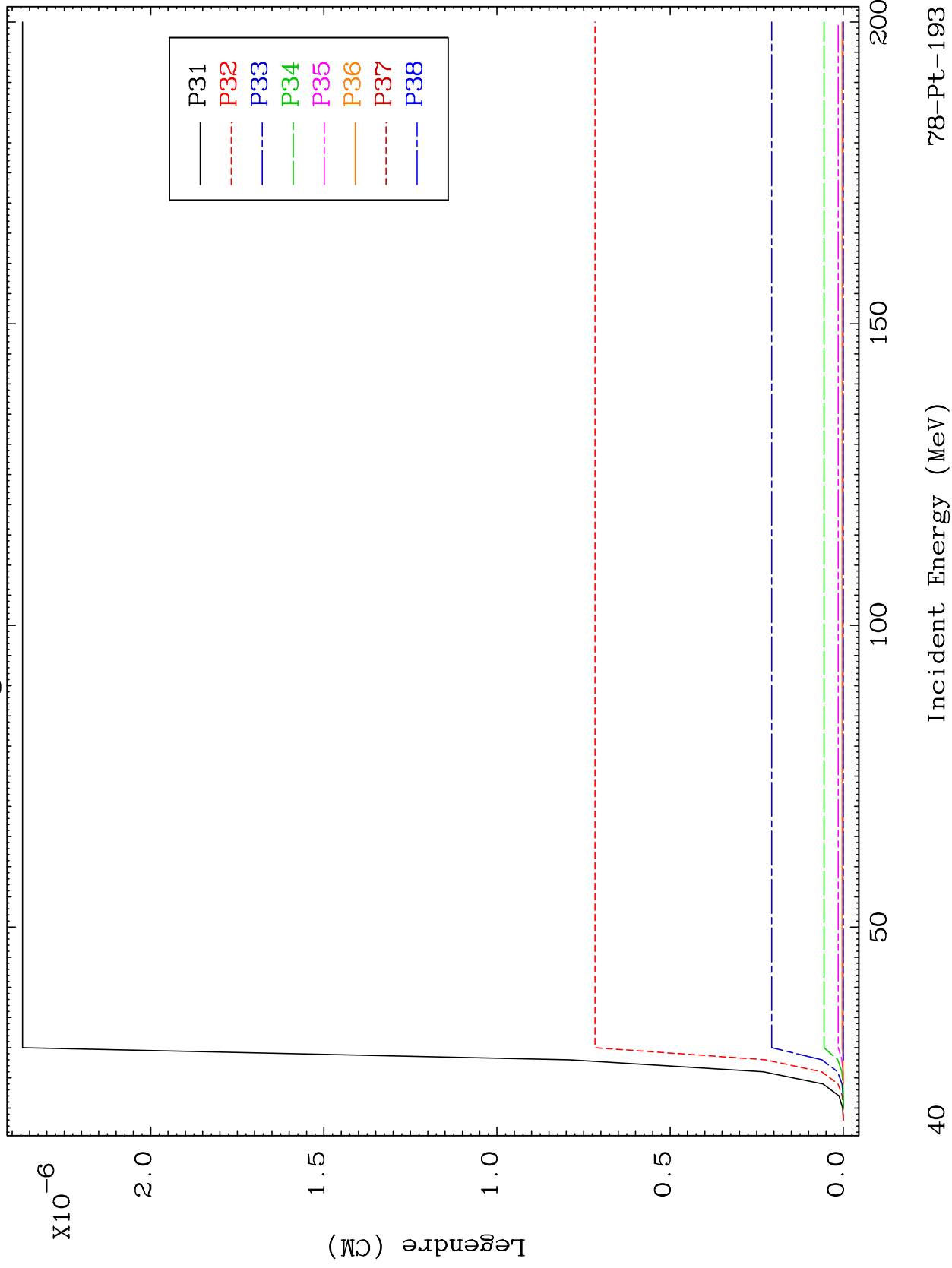
Incident Energy (MeV)

78-Pt-193

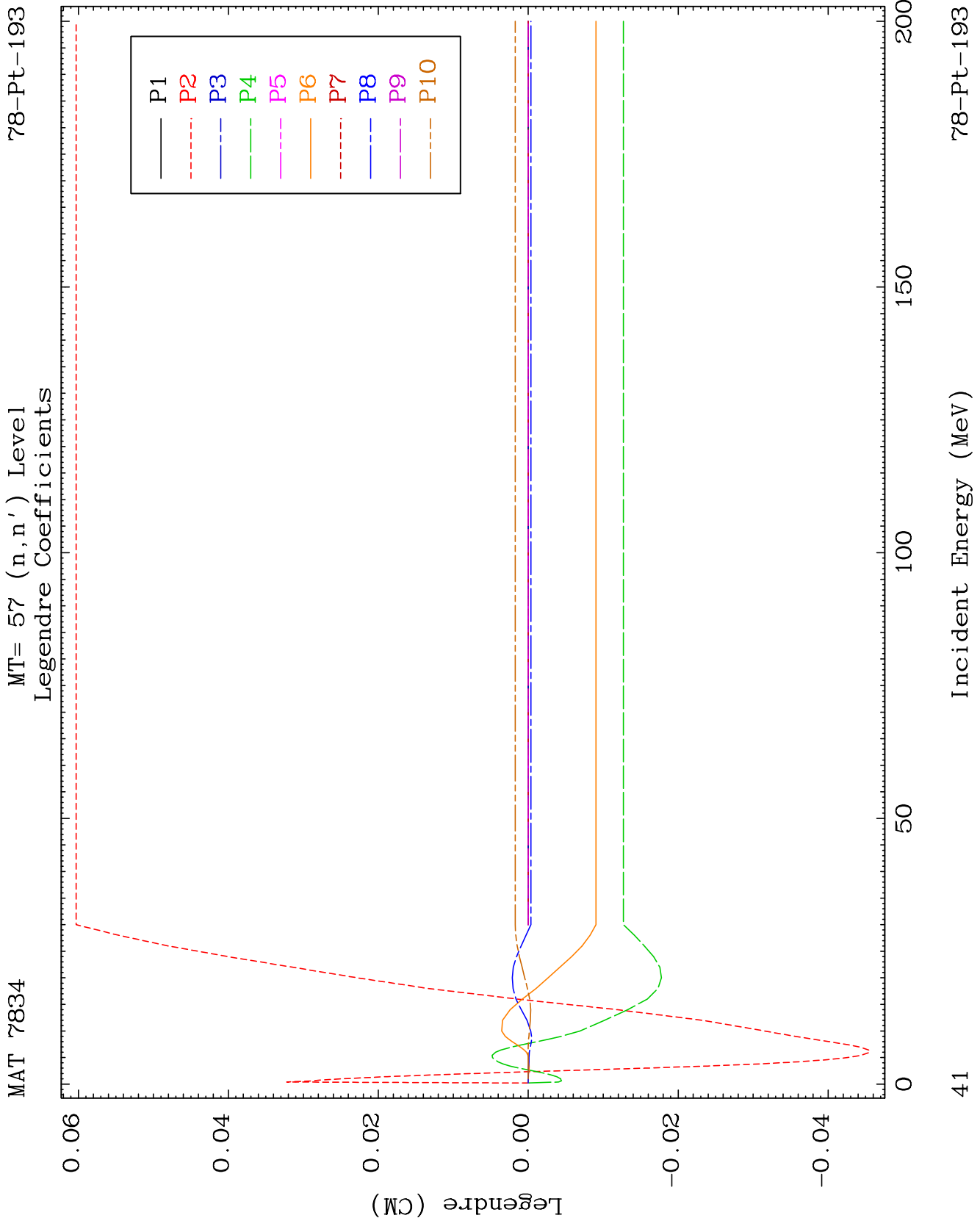
MAT 7834

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

78-Pt-193



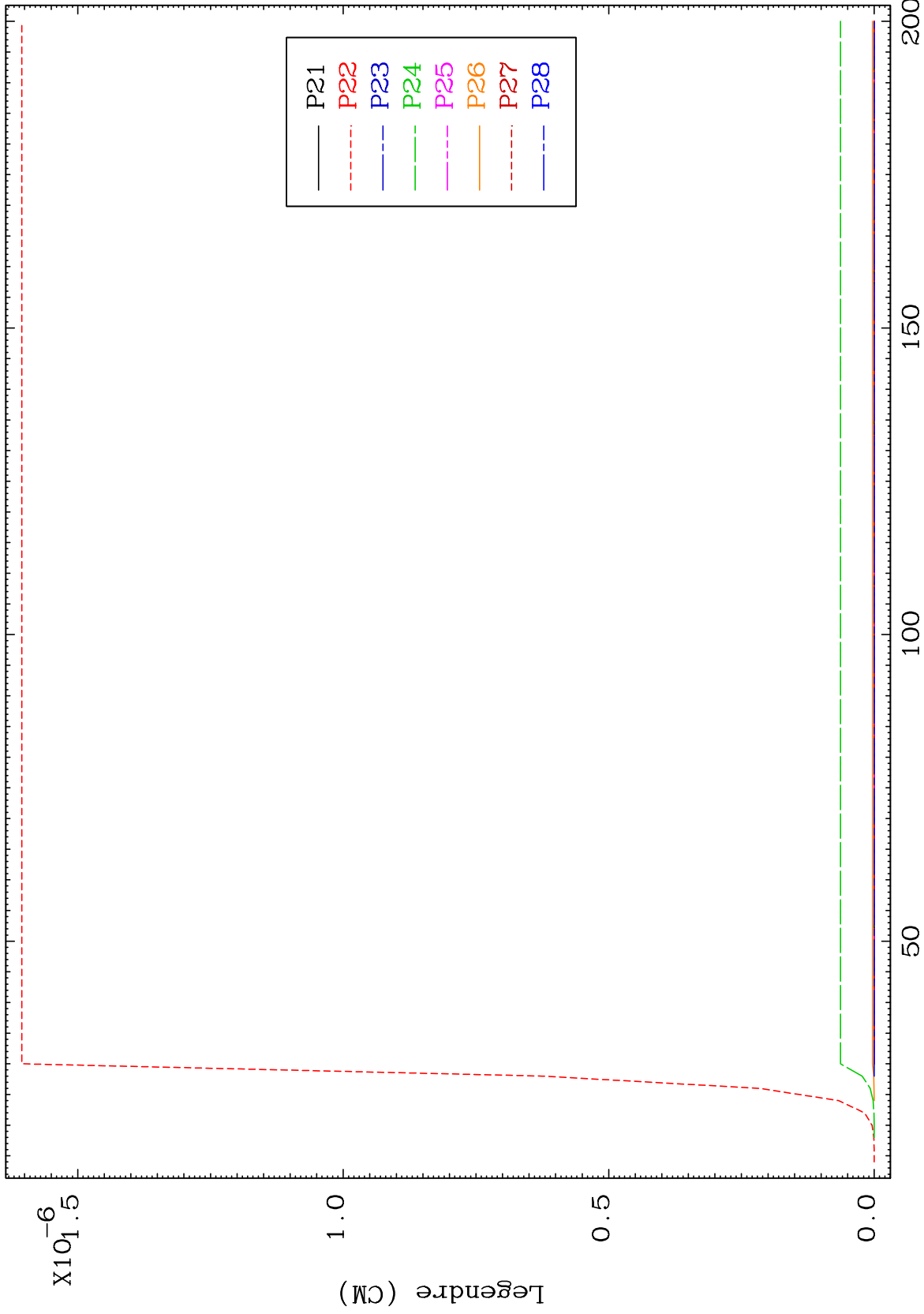
78-Pt-193



MAT 7834

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

78-Pt-193



43

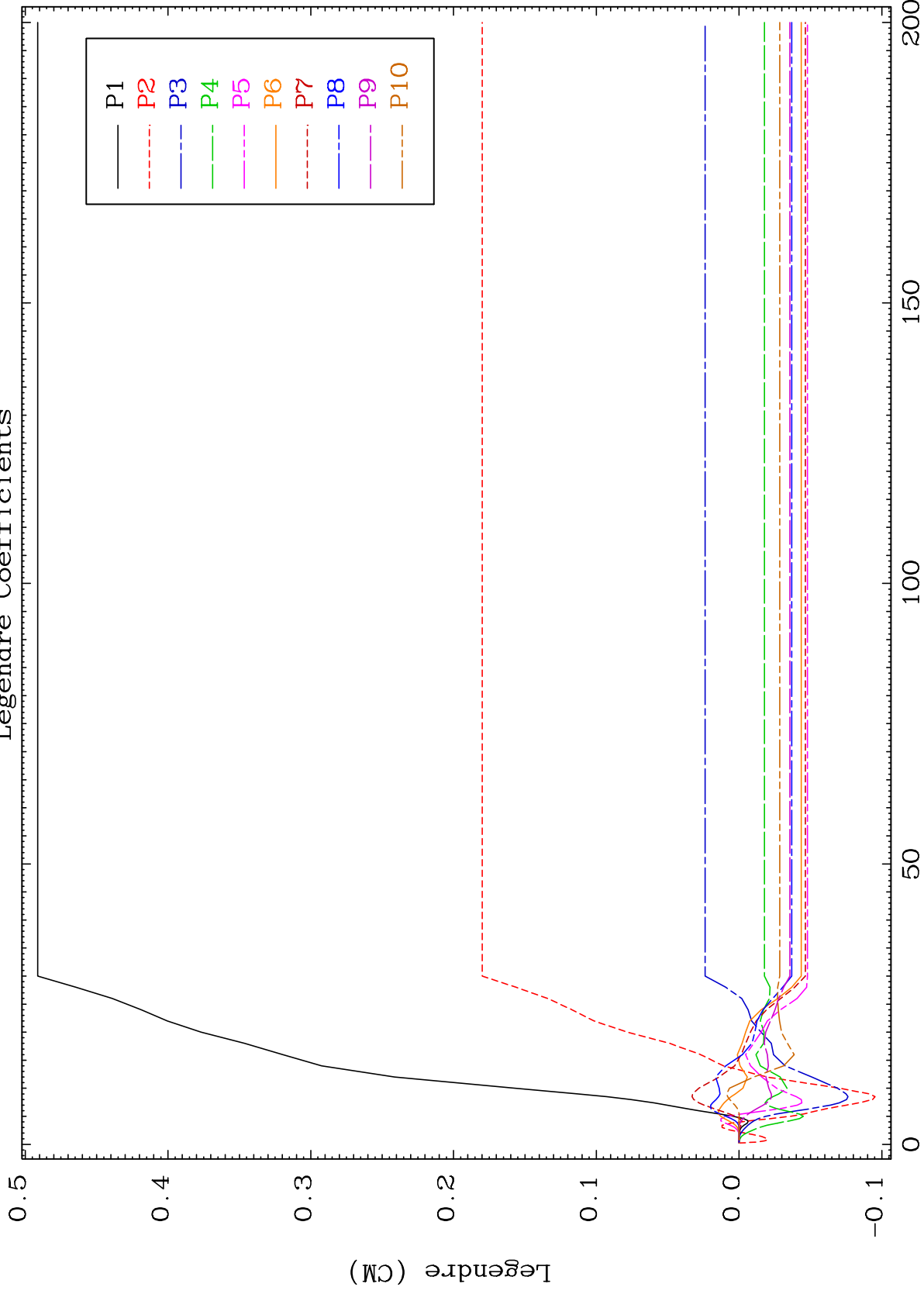
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



44

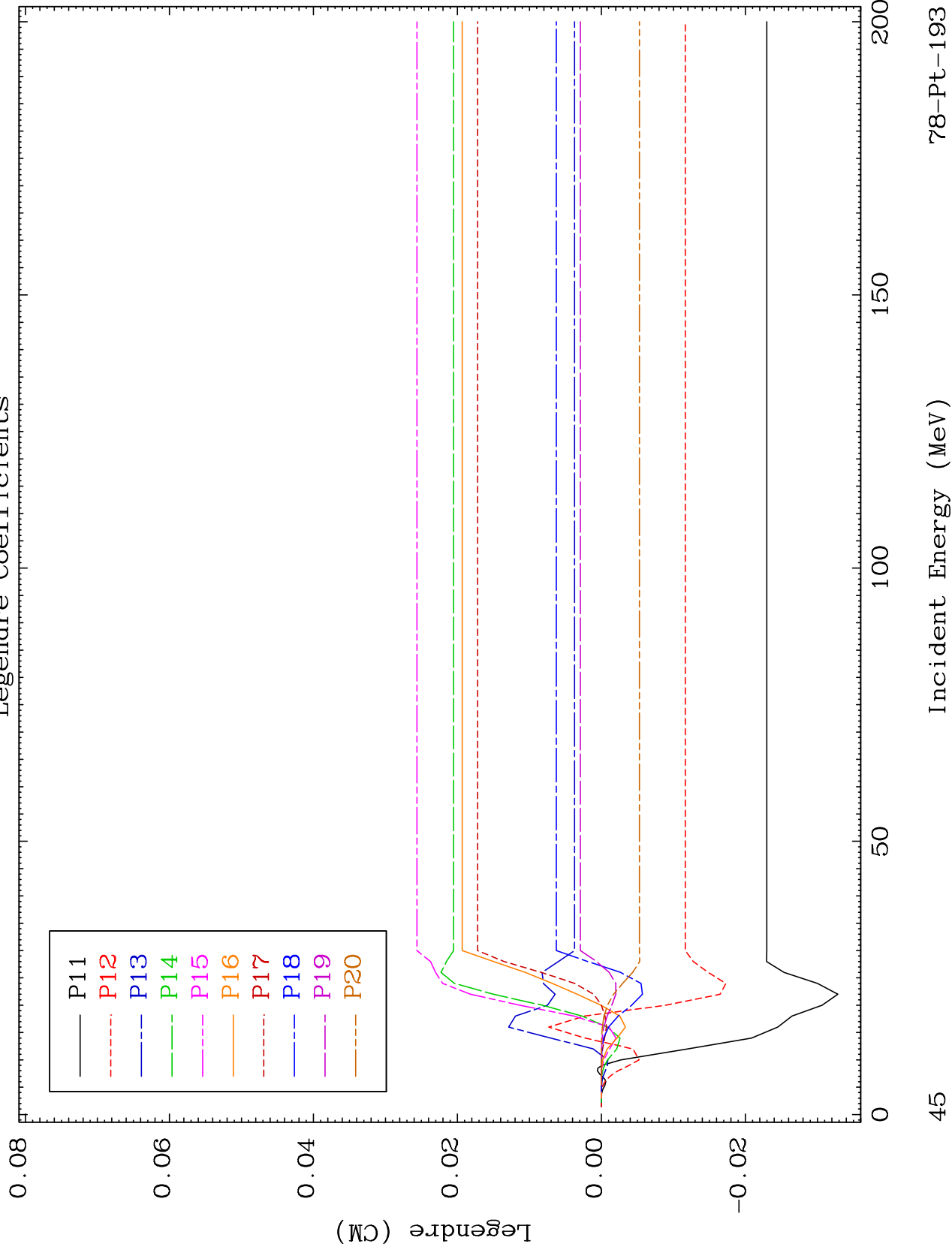
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

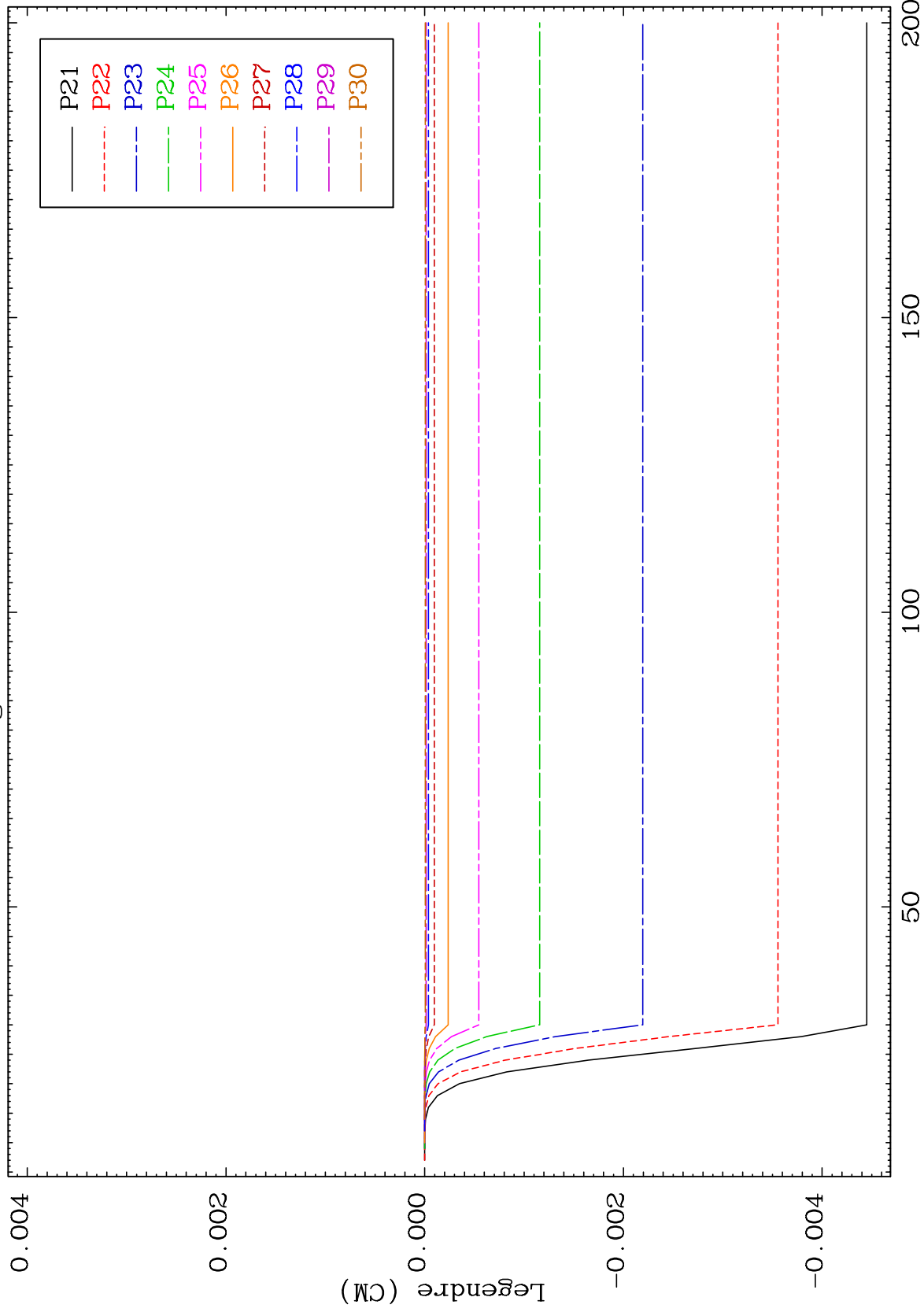
78-Pt-193



MAT 7834

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

78-Pt-193



46

Incident Energy (MeV)

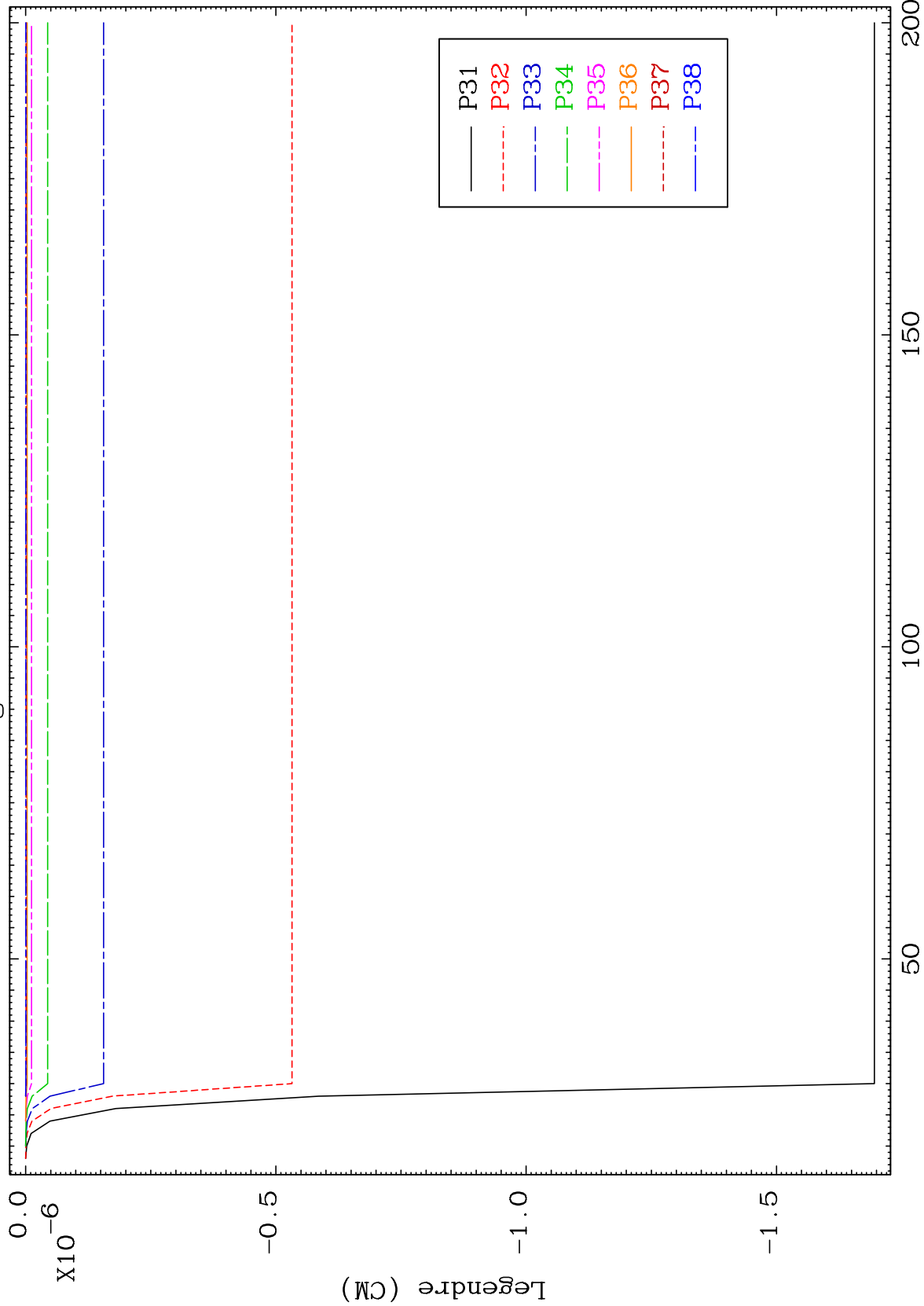
78-Pt-193

MAT 7834

MT= 58 (n,n') Level

78-Pt-193

Legendre Coefficients



78-Pt-193

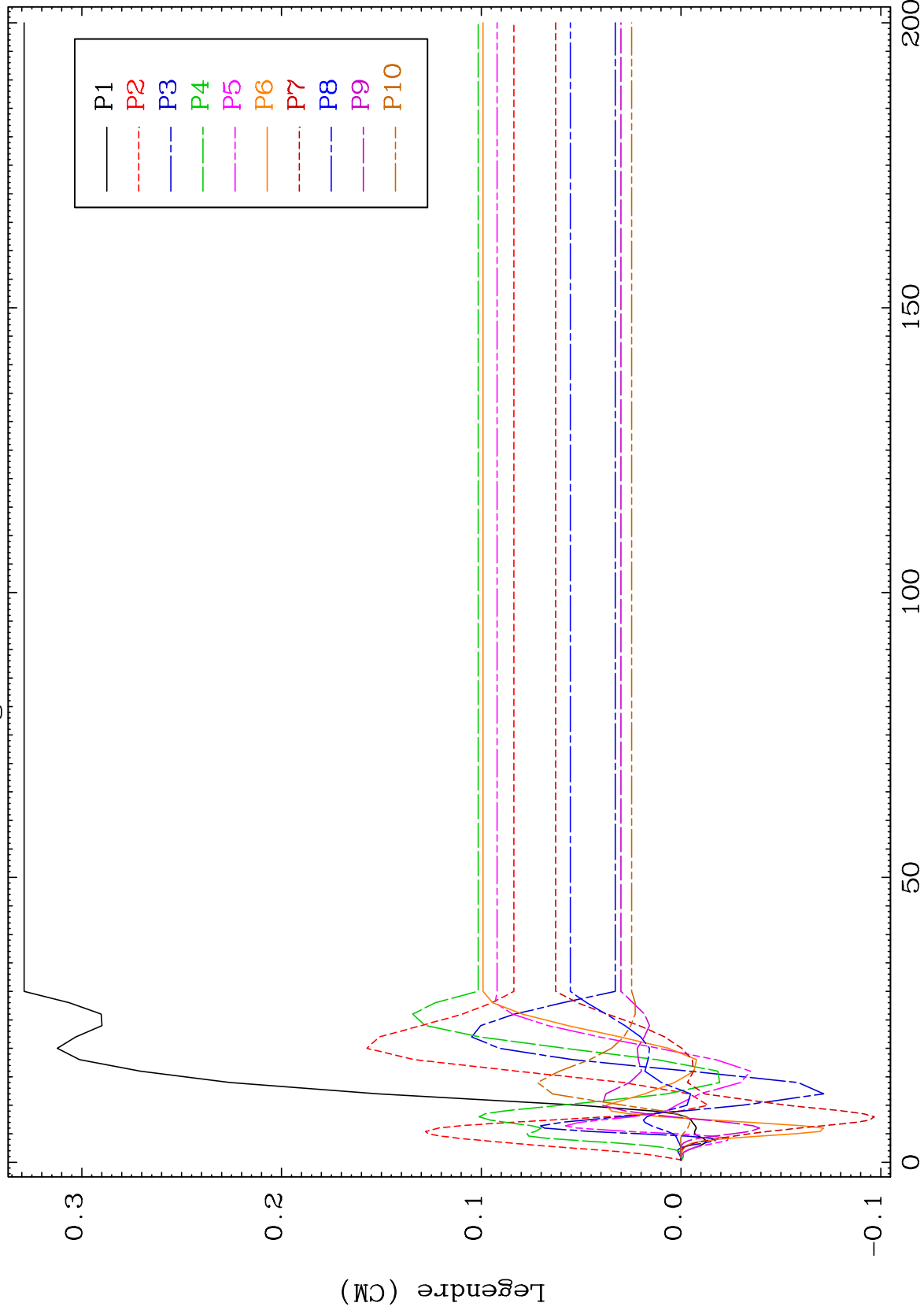
Incident Energy (MeV)

47

MAT 7834

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

78-Pt-193



48

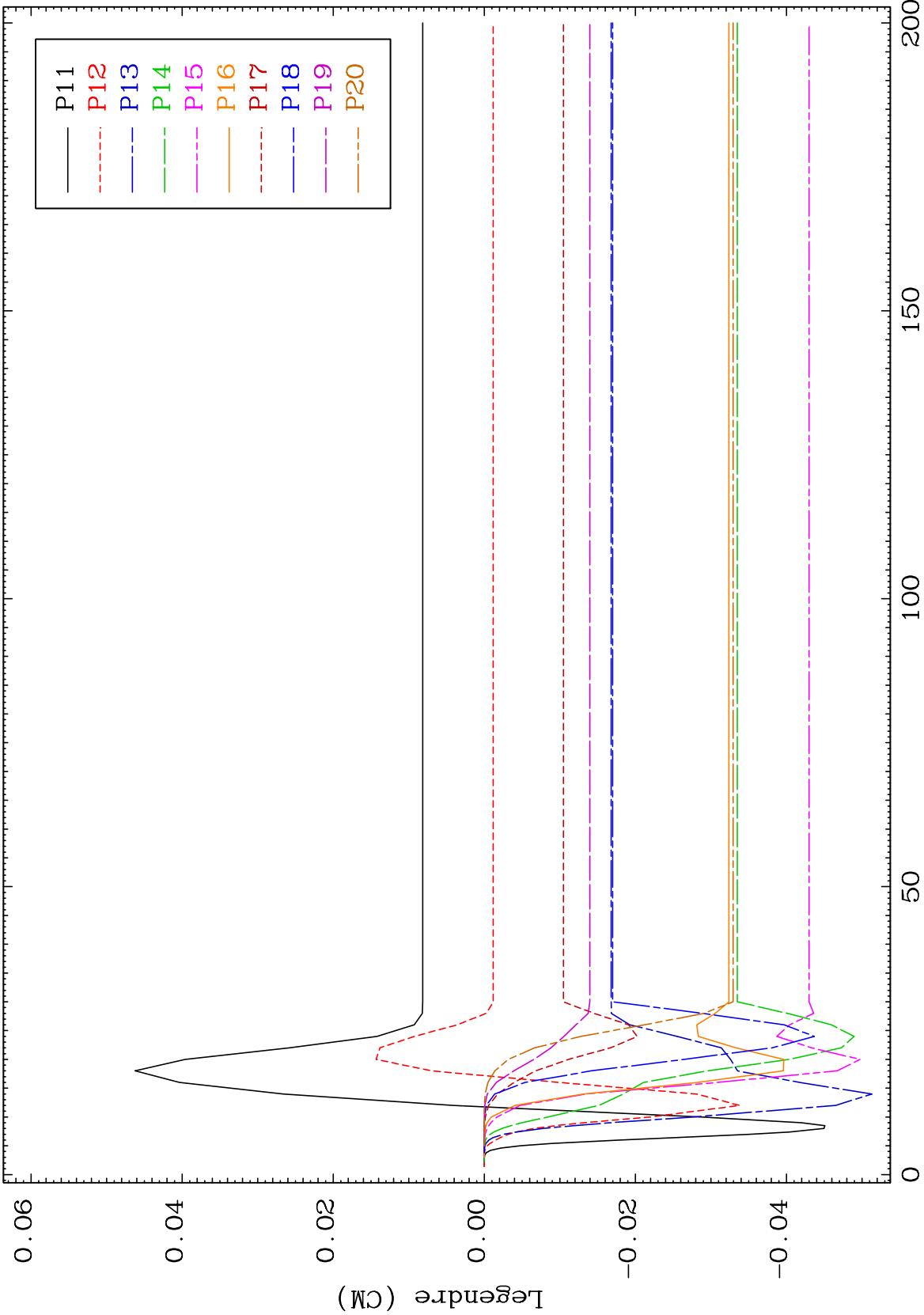
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



49

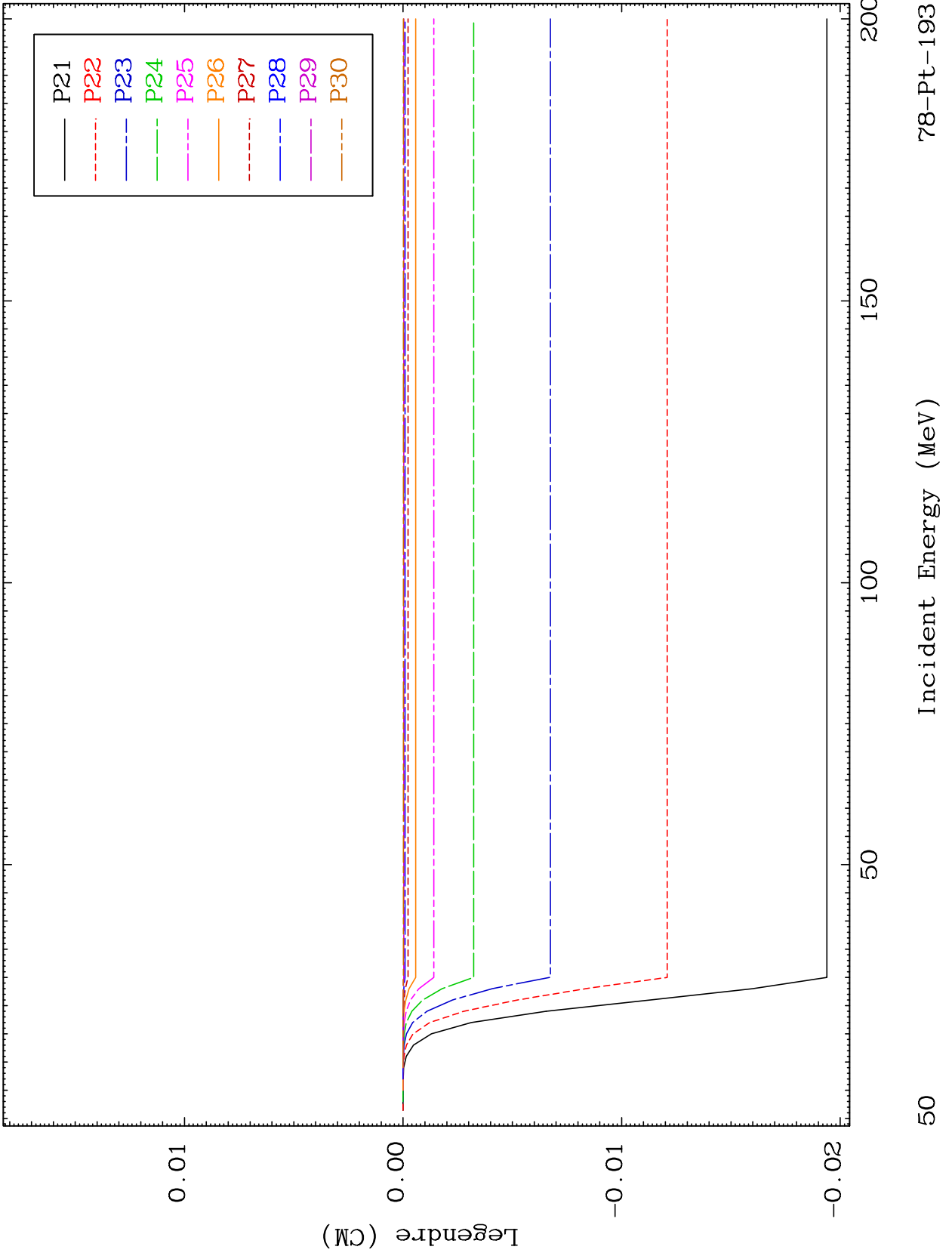
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

Incident Energy (MeV)

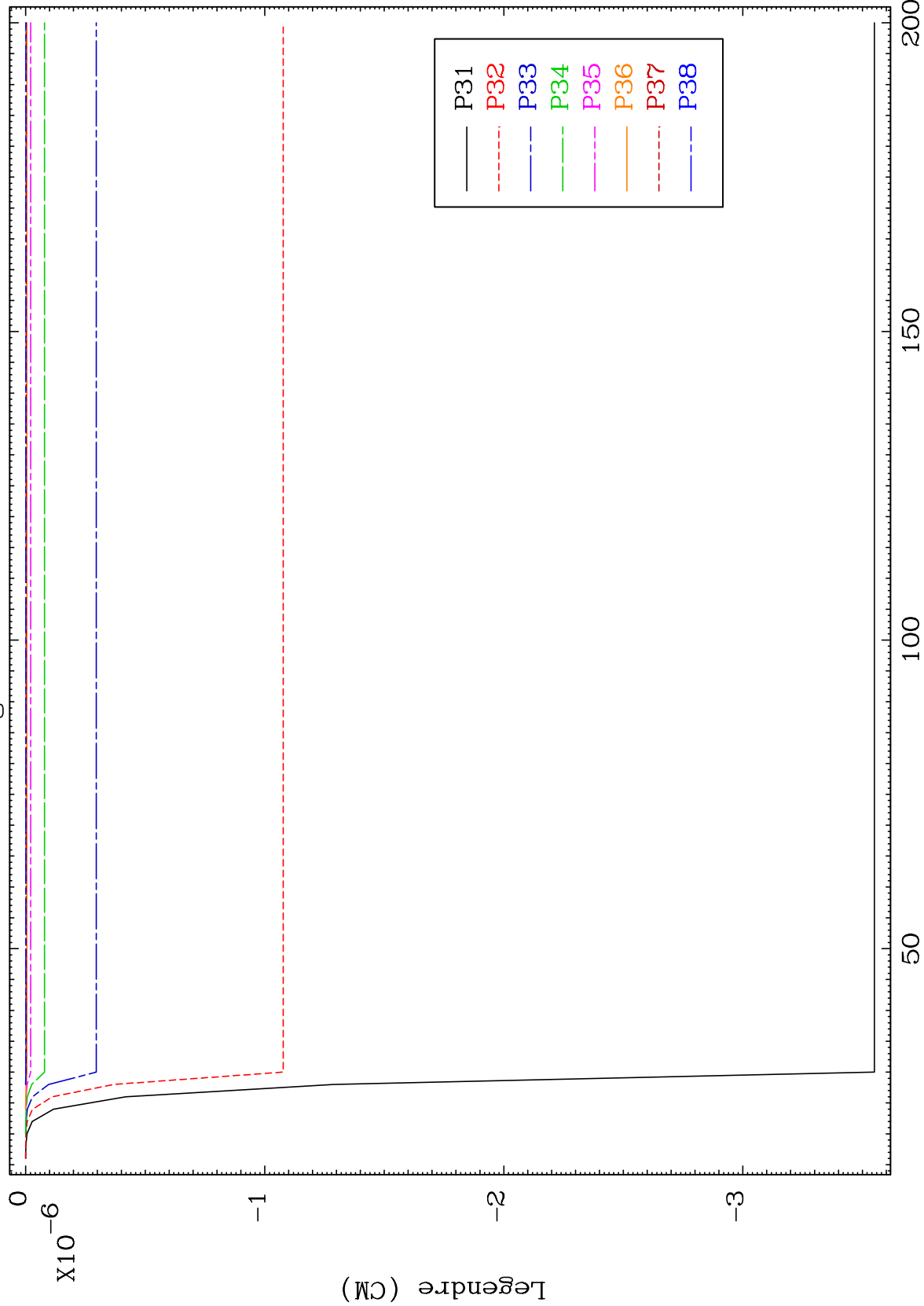
50

MAT 7834

MT= 59 (n,n') Level

78-Pt-193

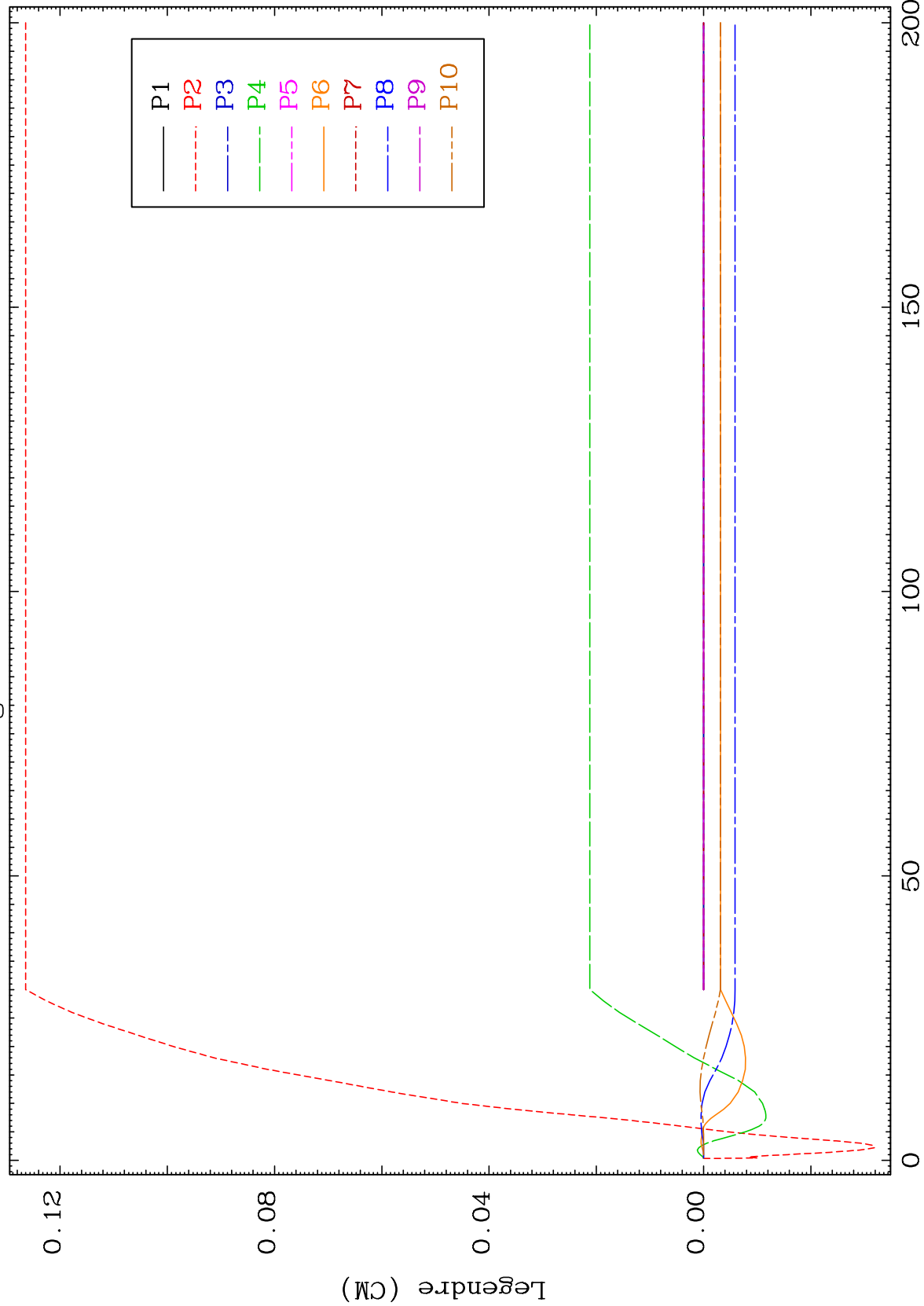
Legendre Coefficients



MAT 7834

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

78-Pt-193



52

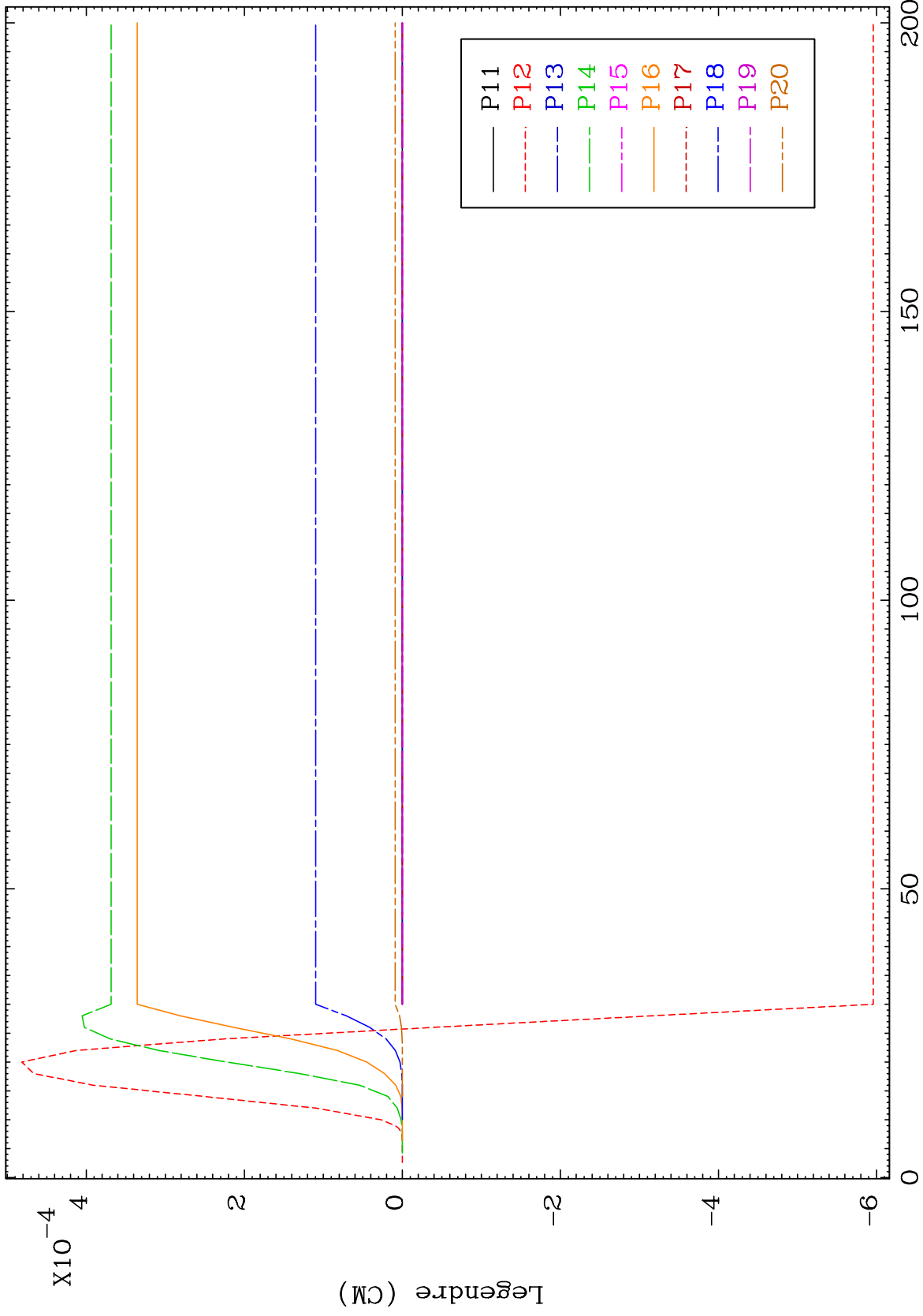
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



53

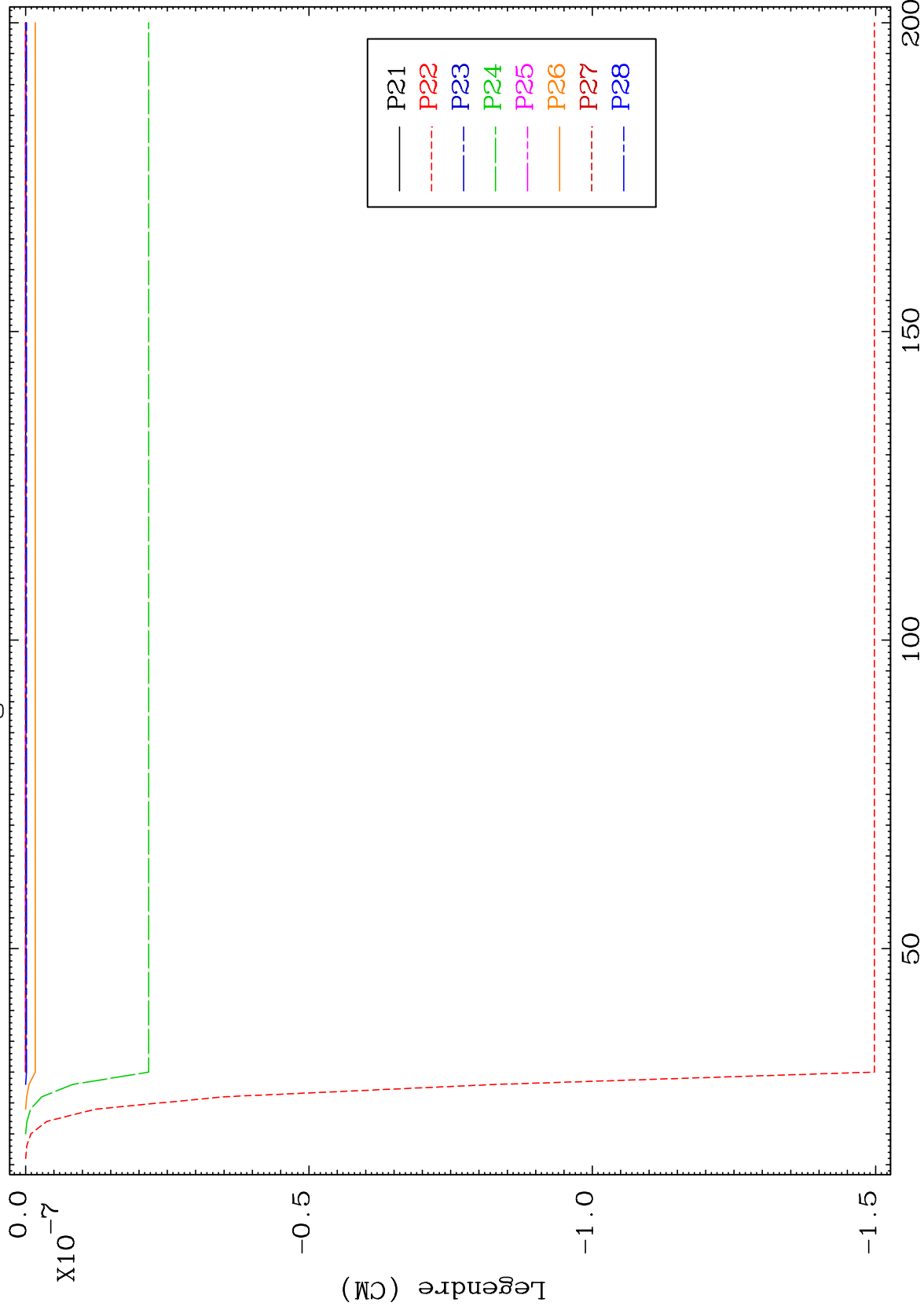
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

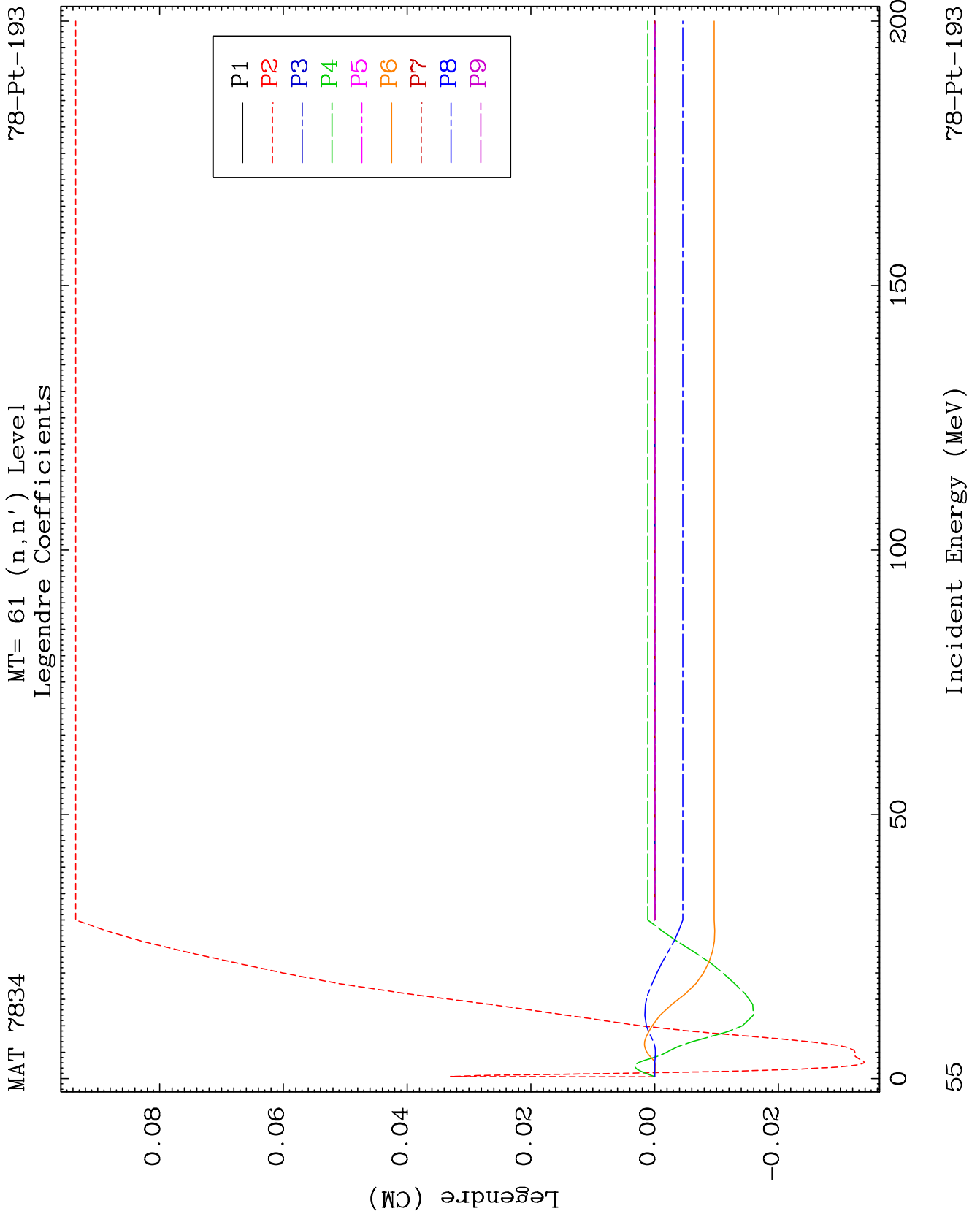
78-Pt-193



54

Incident Energy (MeV)

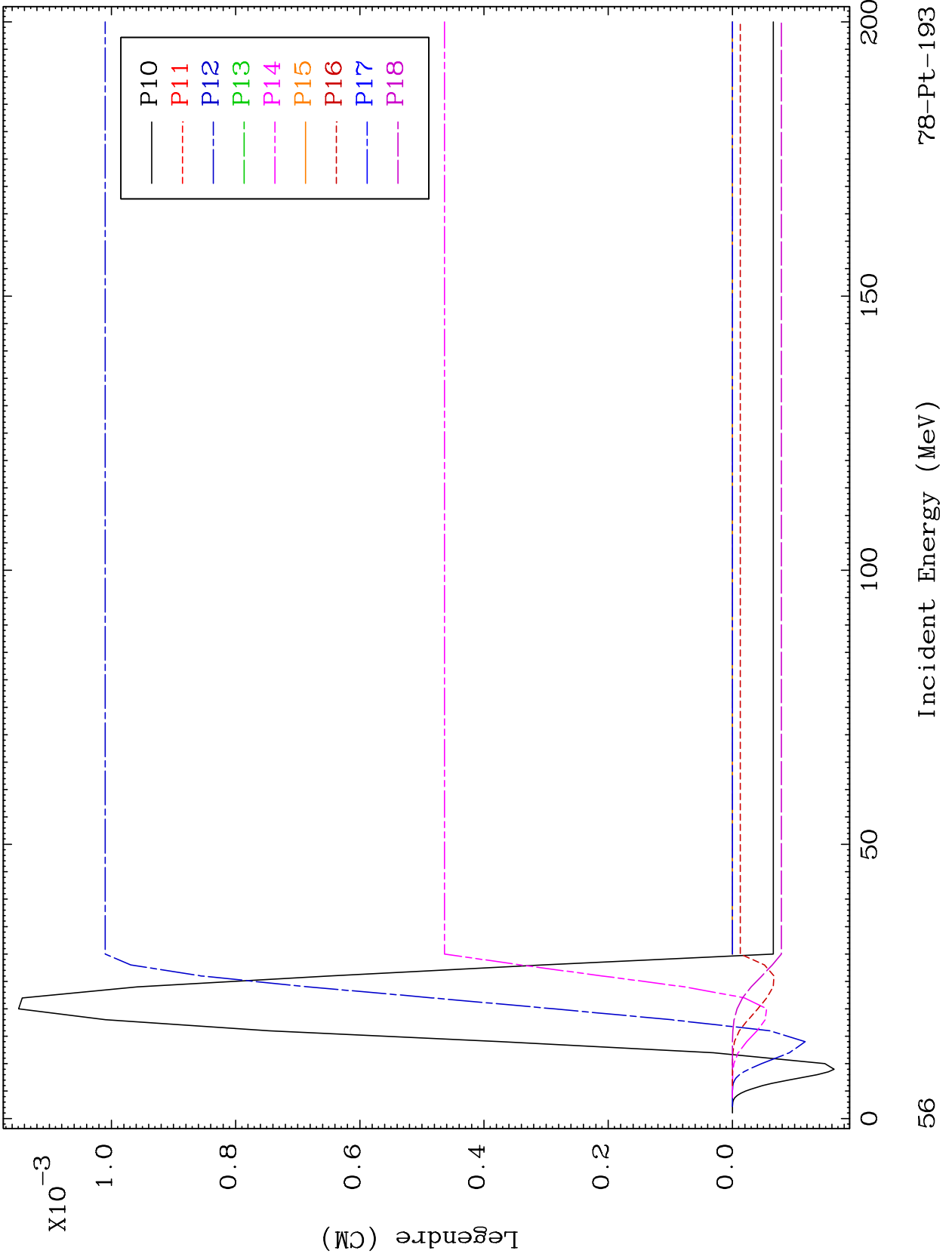
78-Pt-193



MAT 7834

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

78-Pt-193



56

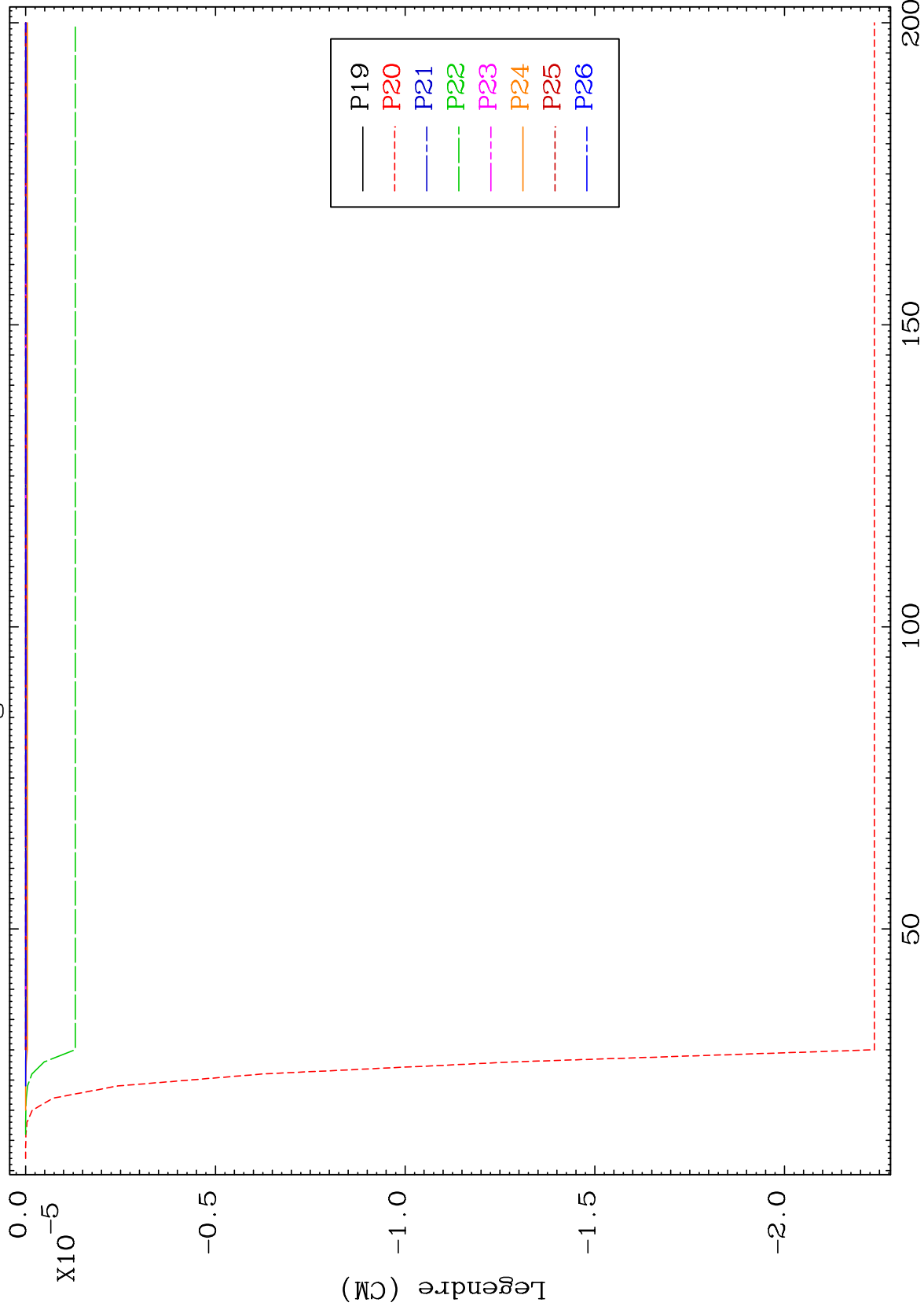
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

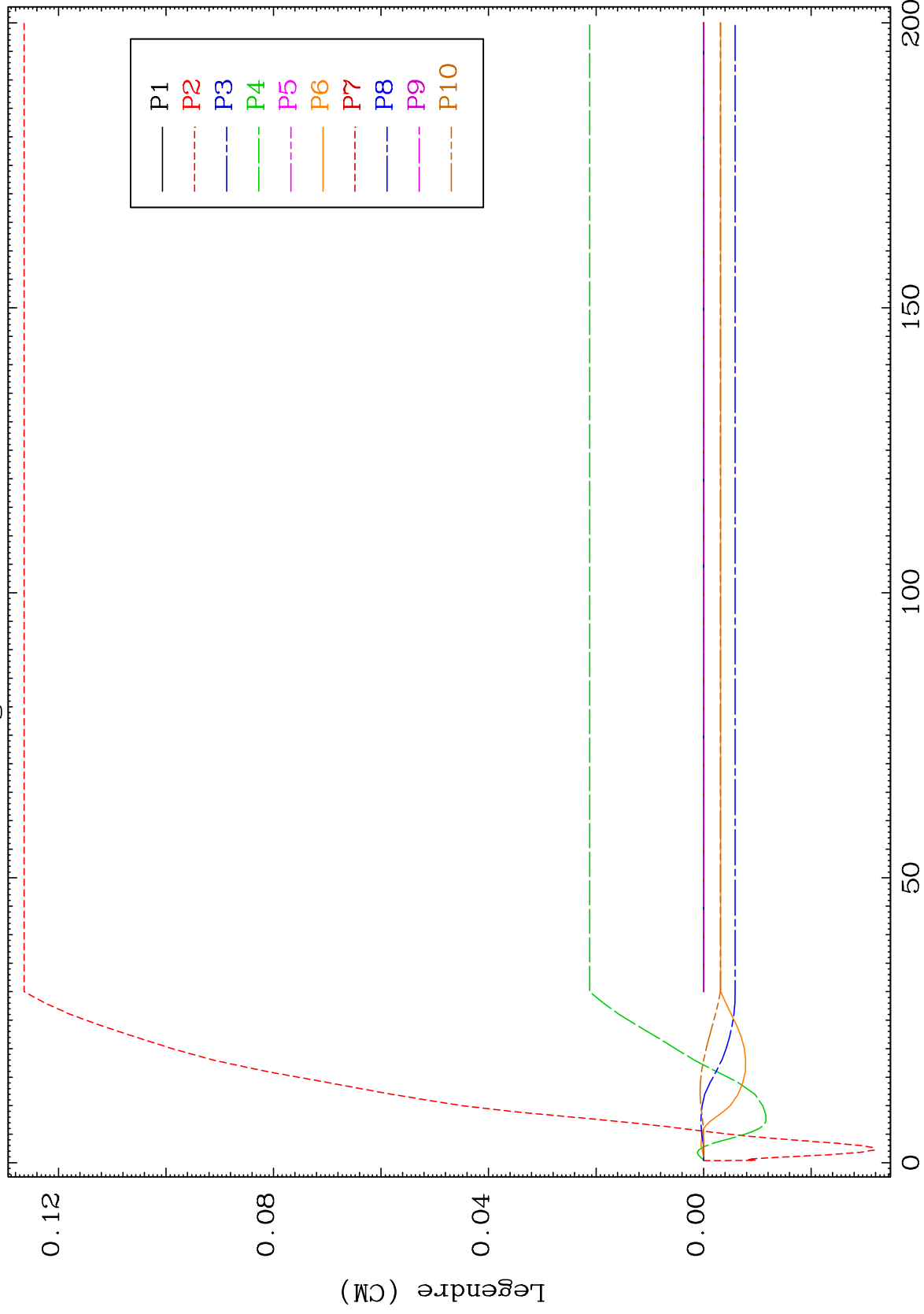
Incident Energy (MeV)

57

MAT 7834

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

78-Pt-193



58

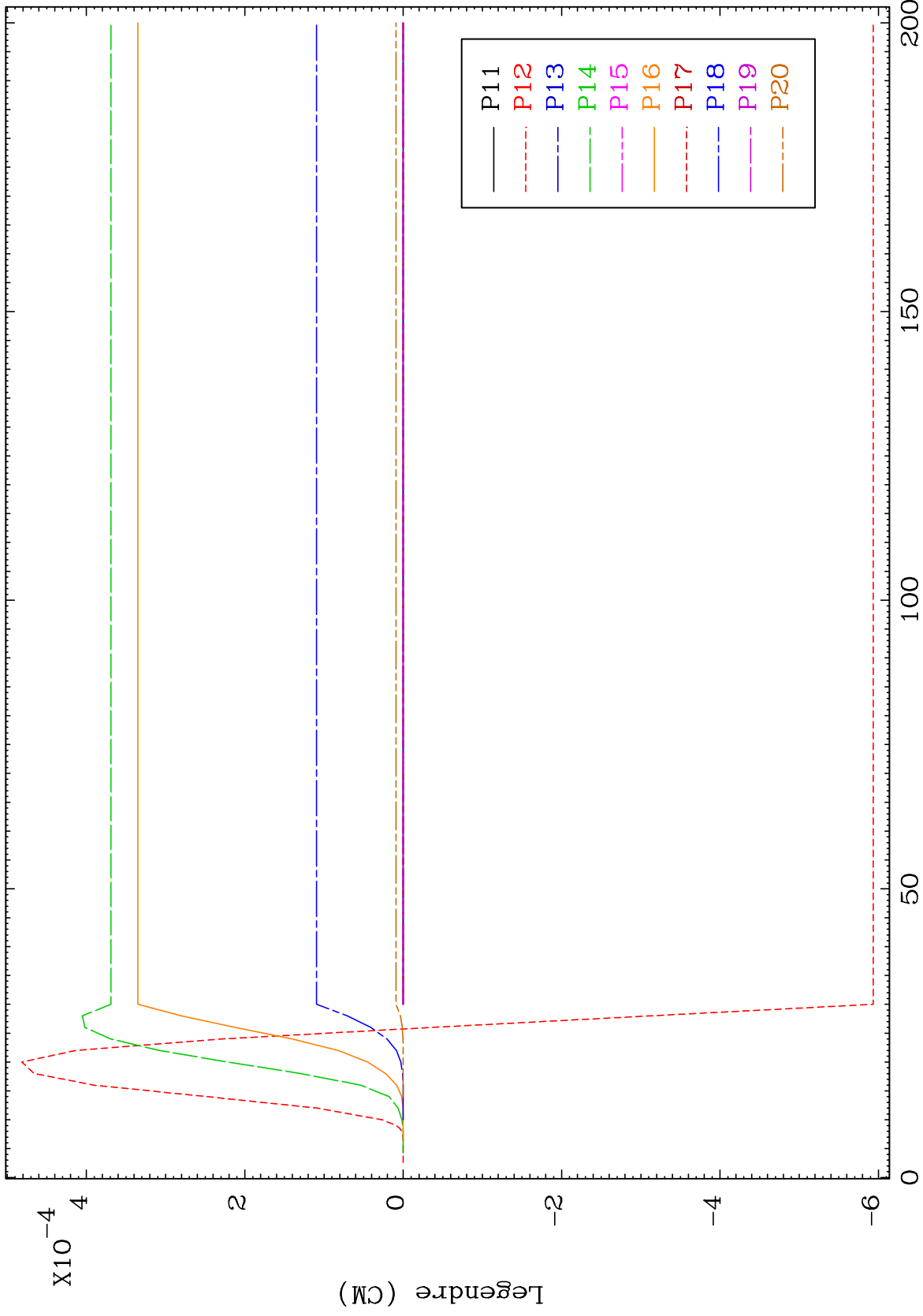
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



59

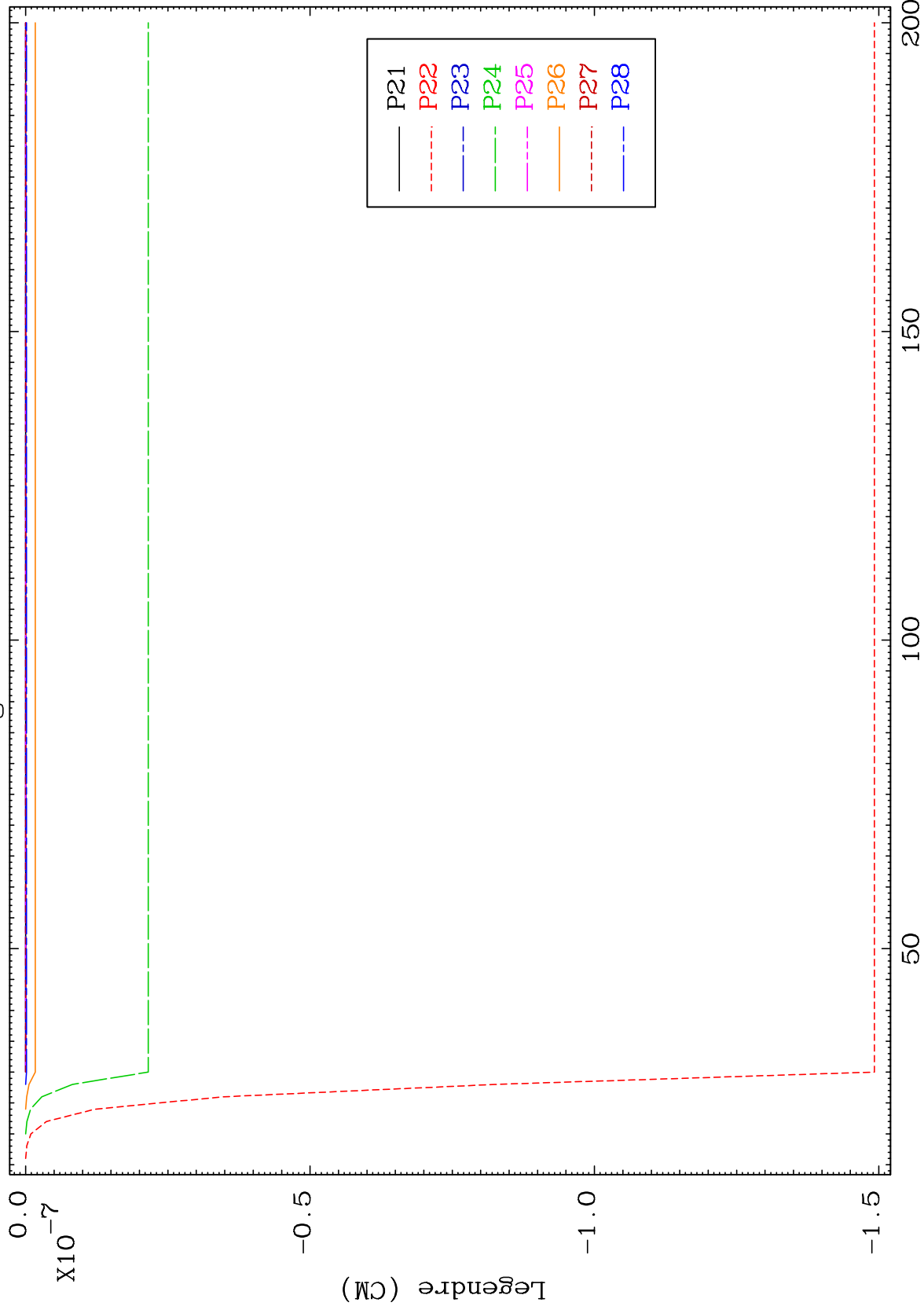
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

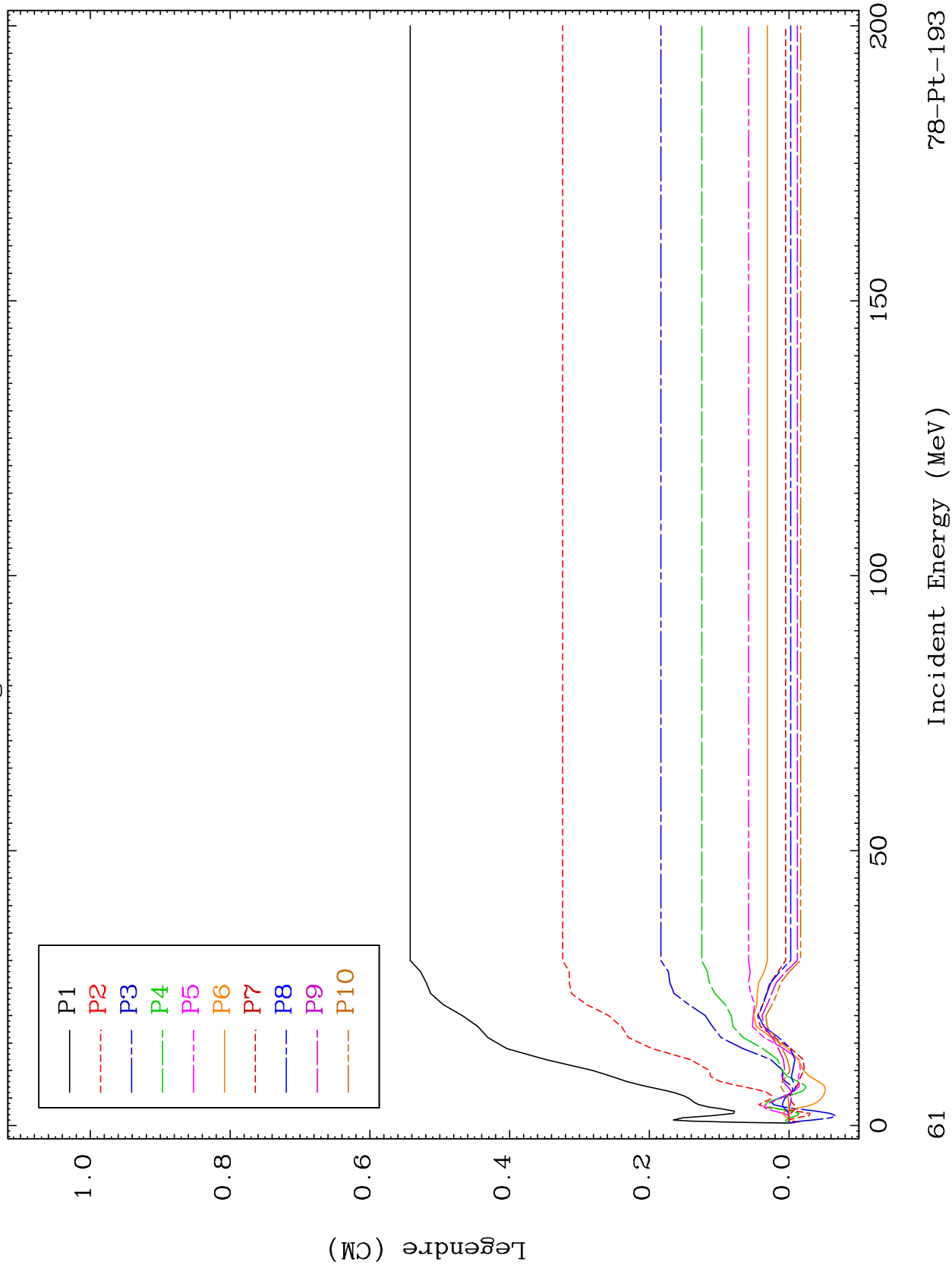
Incident Energy (MeV)

60

MAT 7834

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

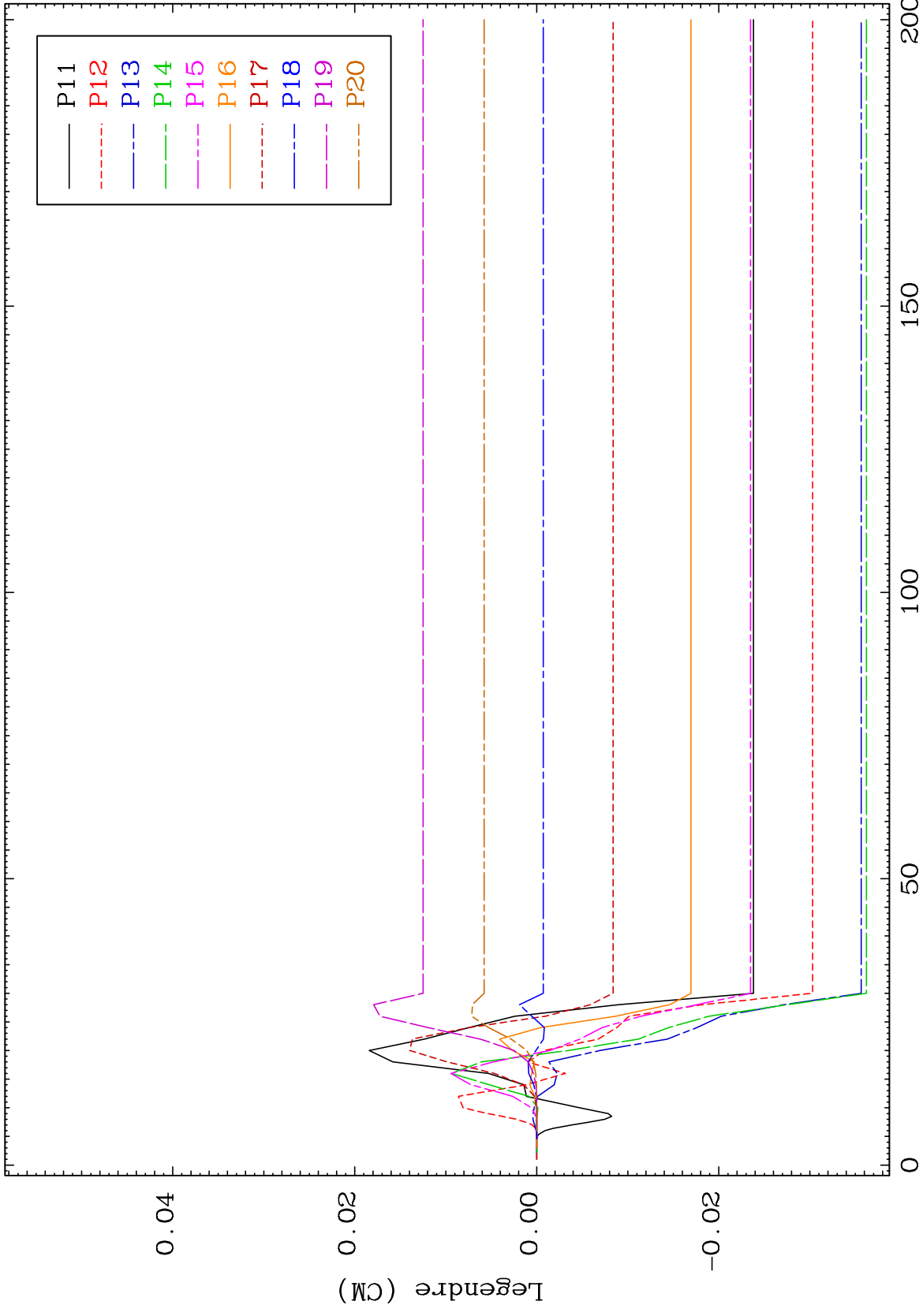
78-Pt-193



MAT 7834

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

78-Pt-193



62

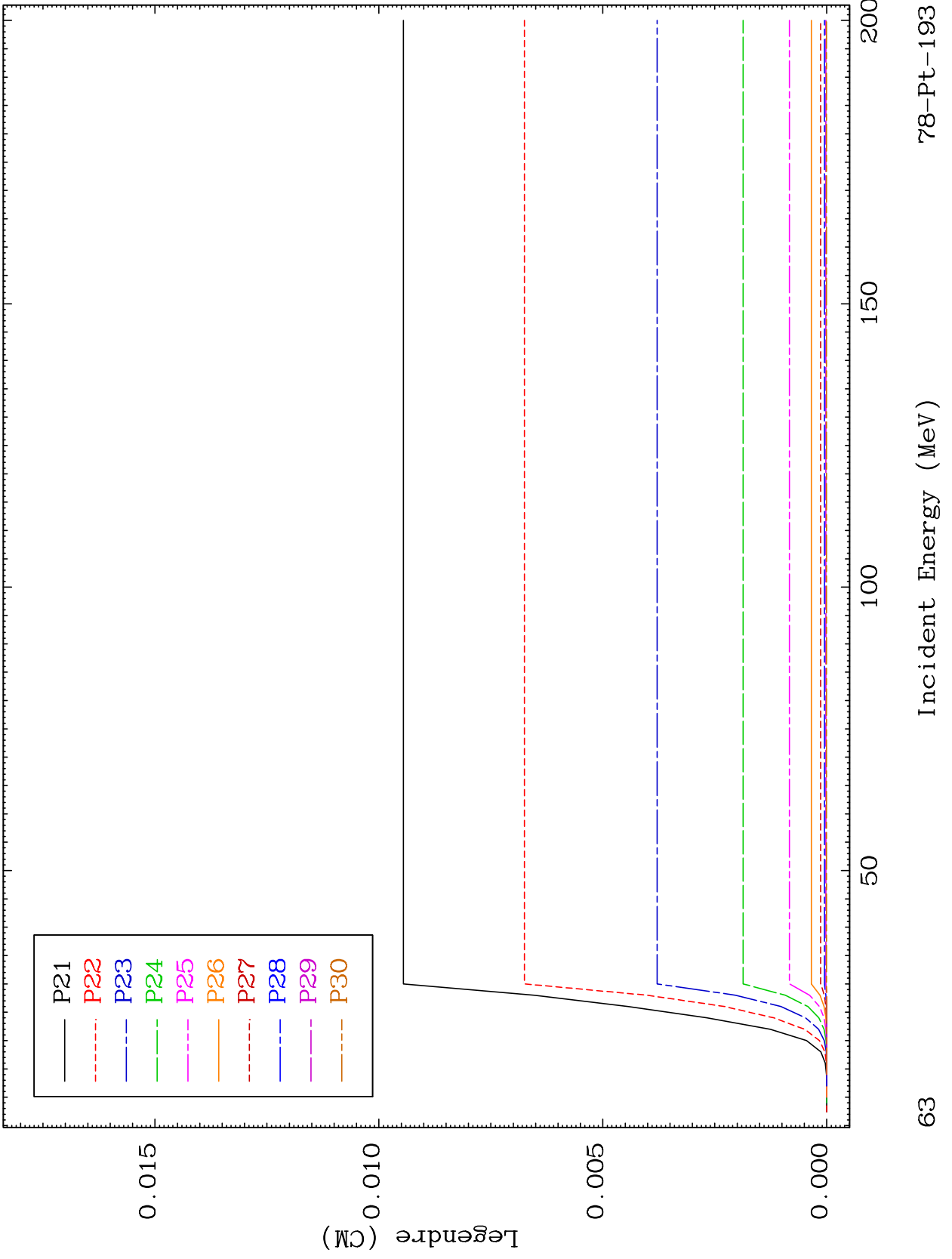
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



63

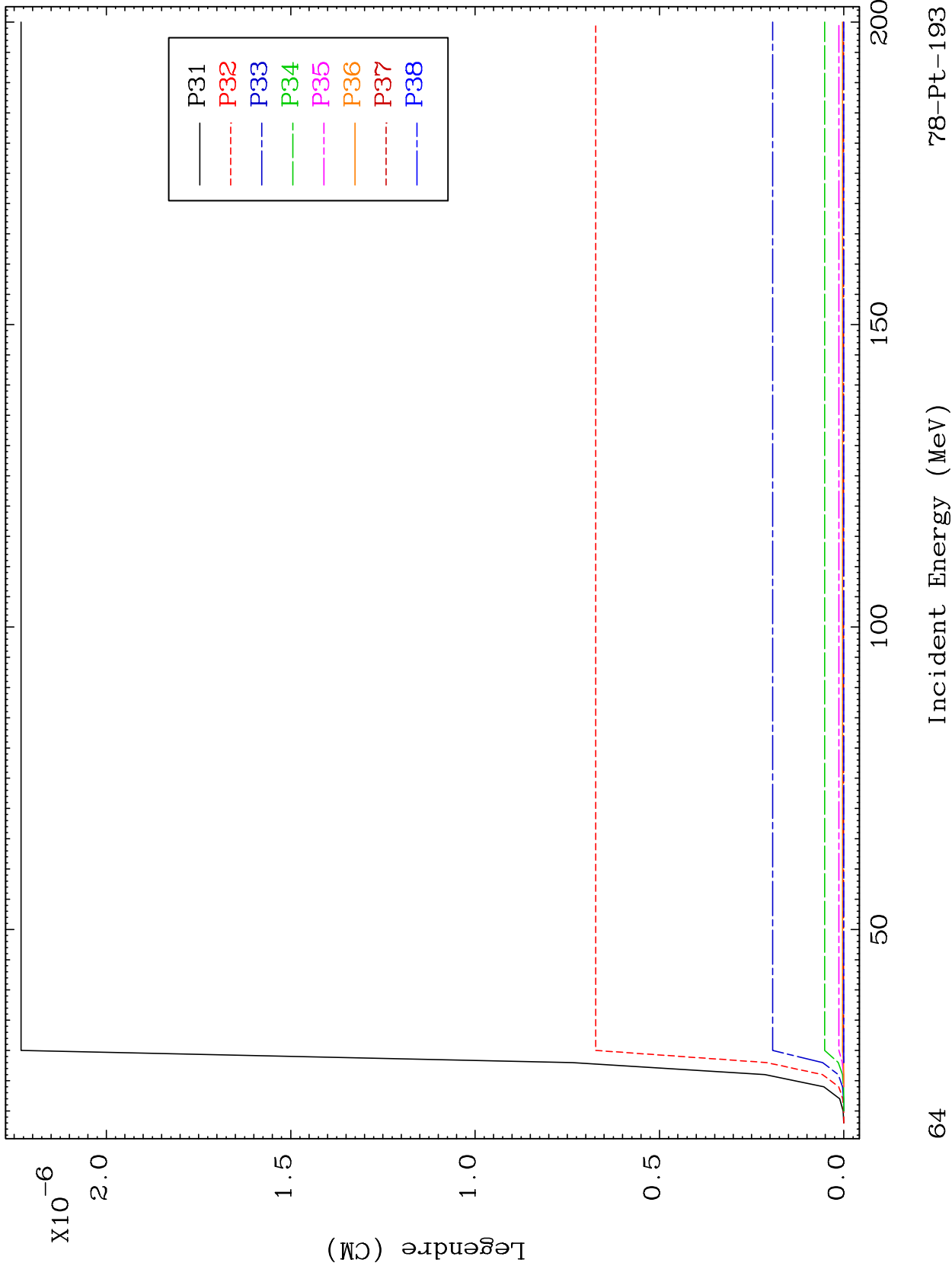
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

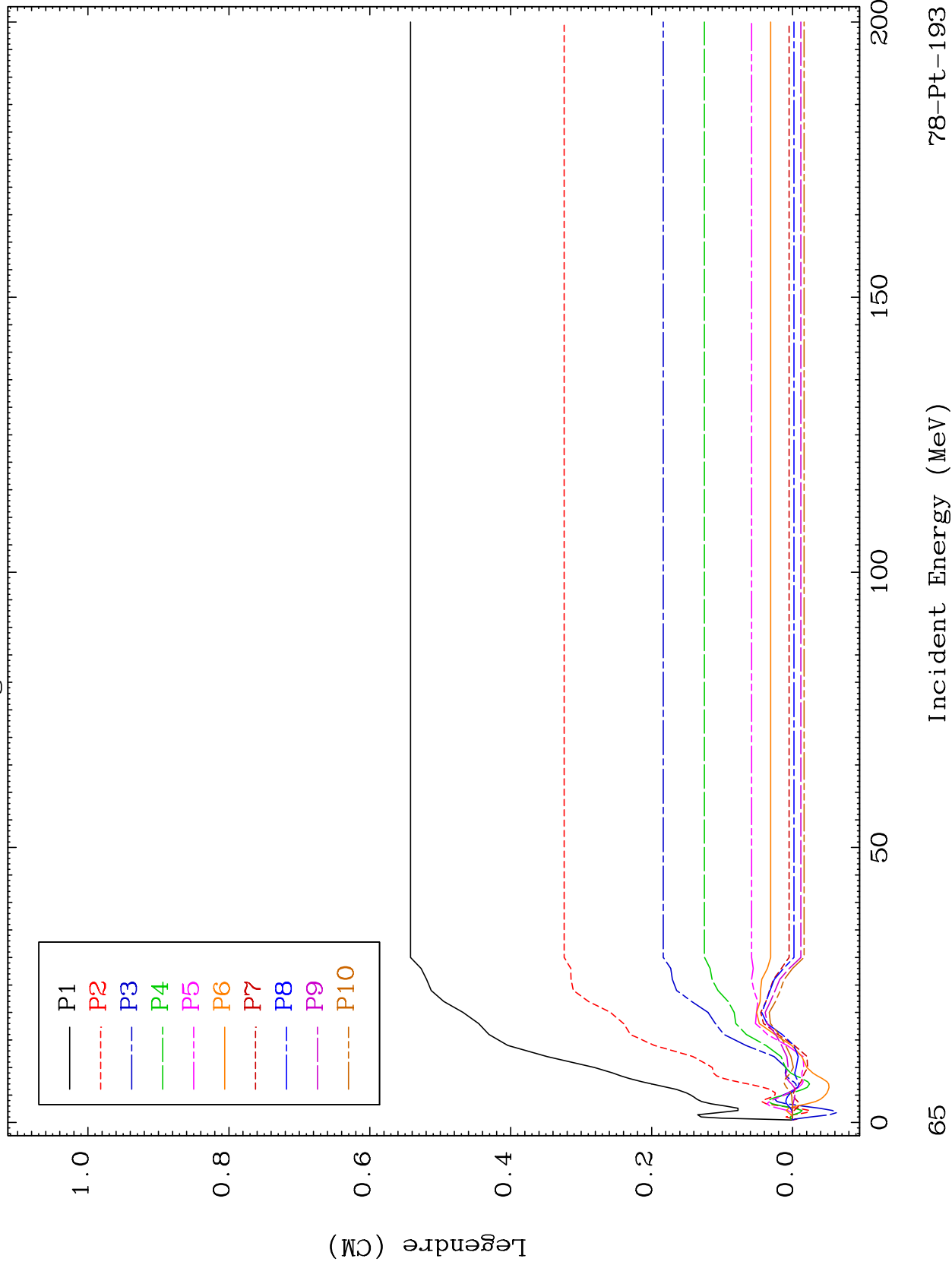
78-Pt-193



MAT 7834

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

78-Pt-193

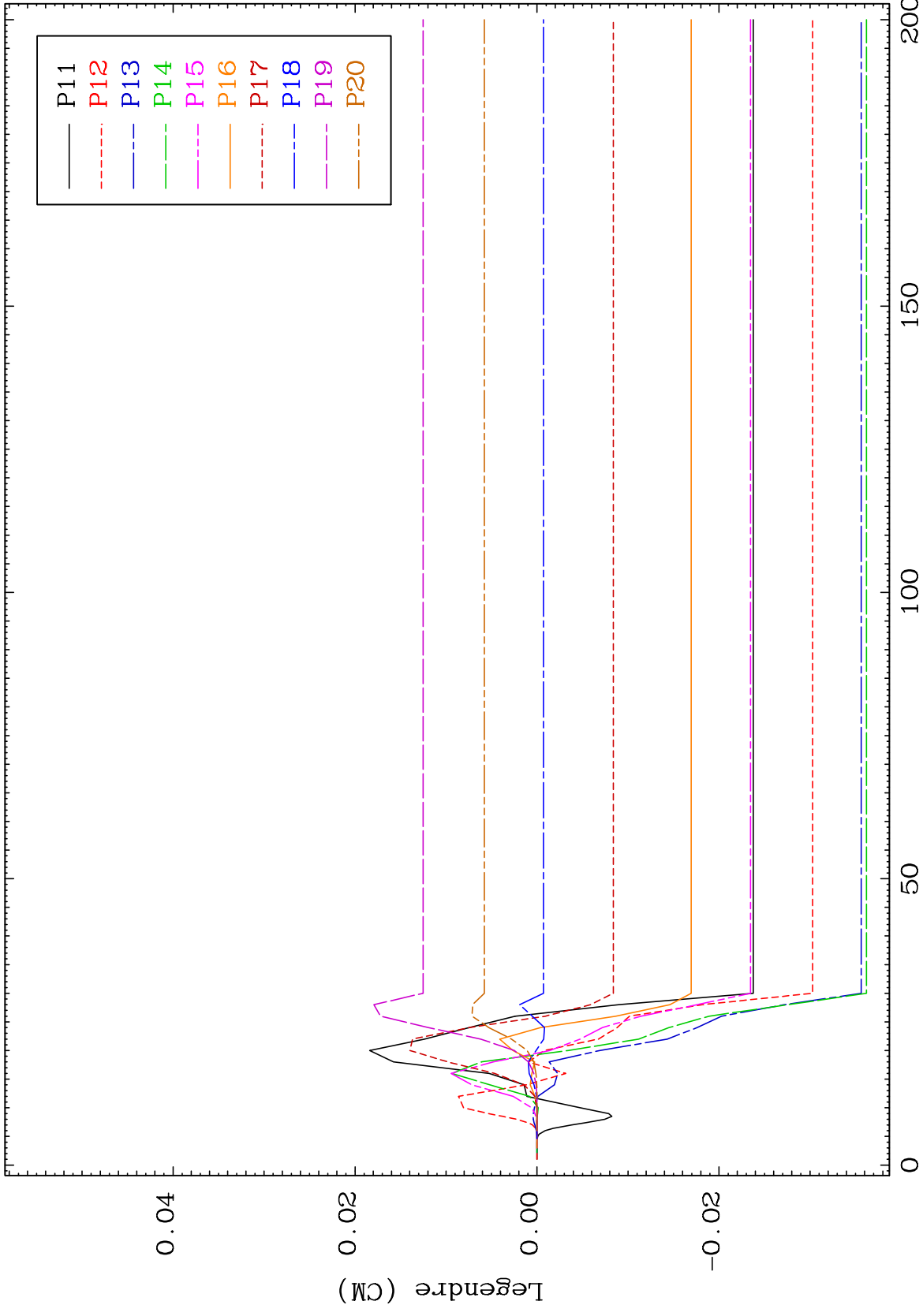


65

MAT 7834

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

78-Pt-193



66

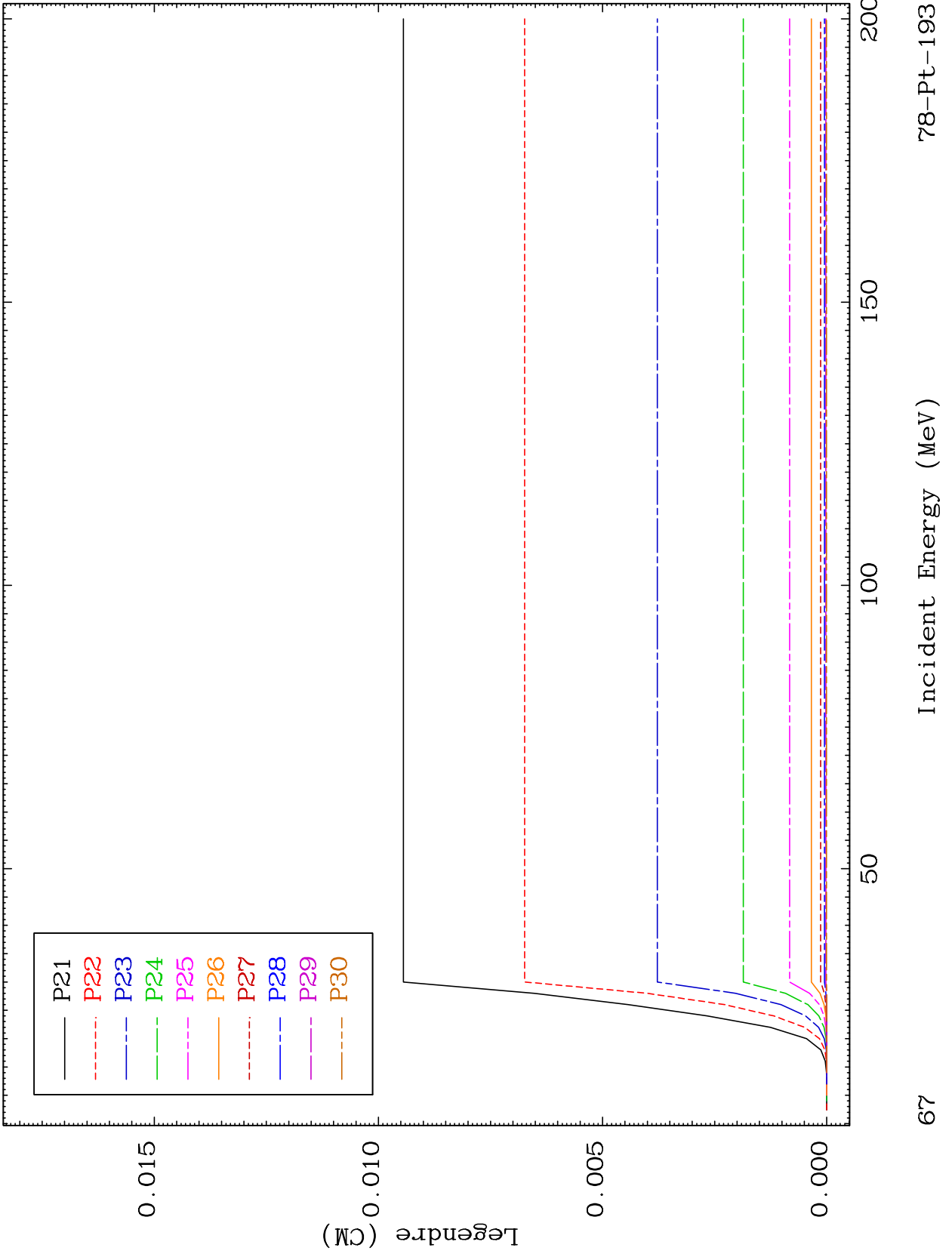
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



67

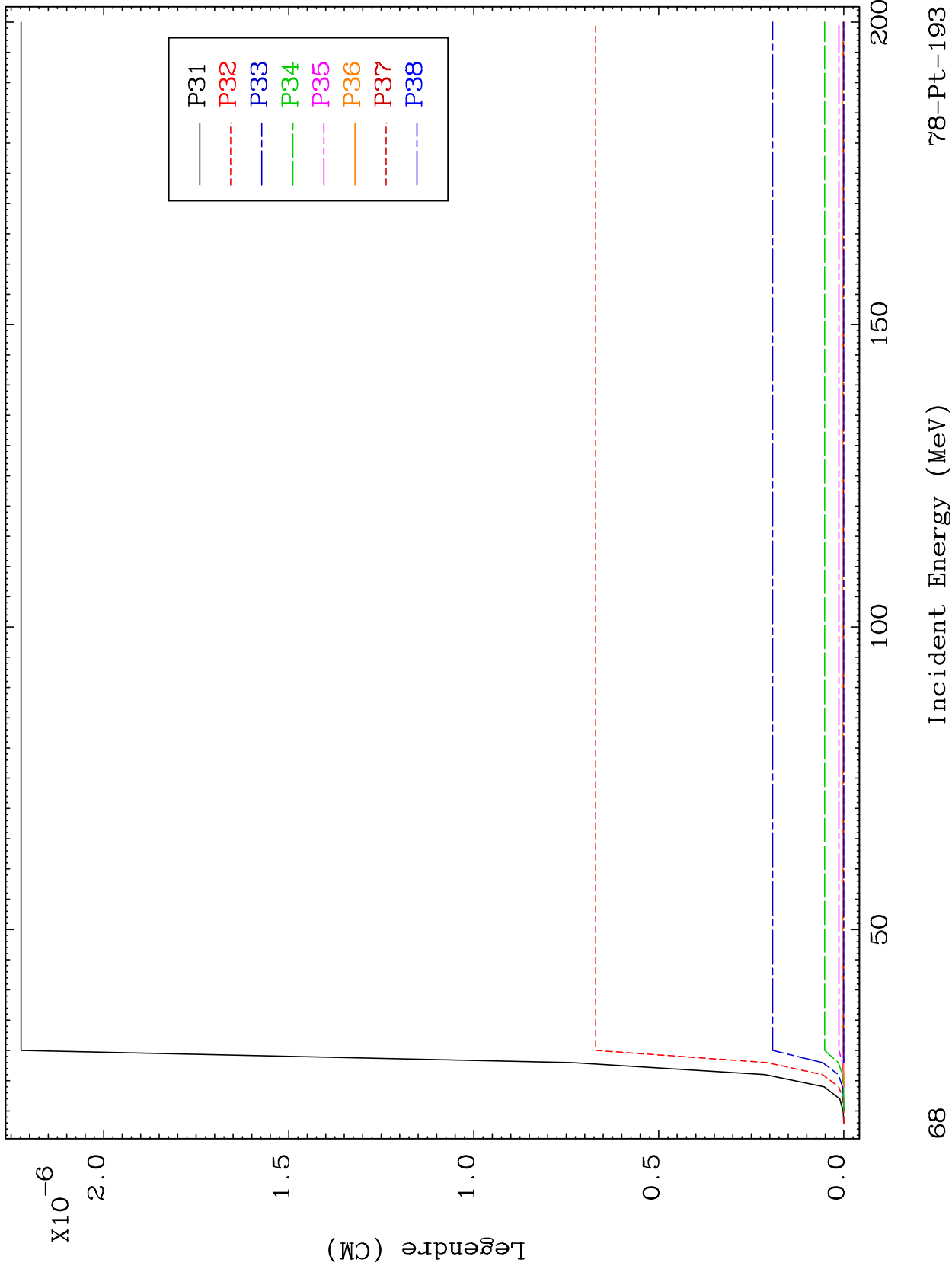
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



68

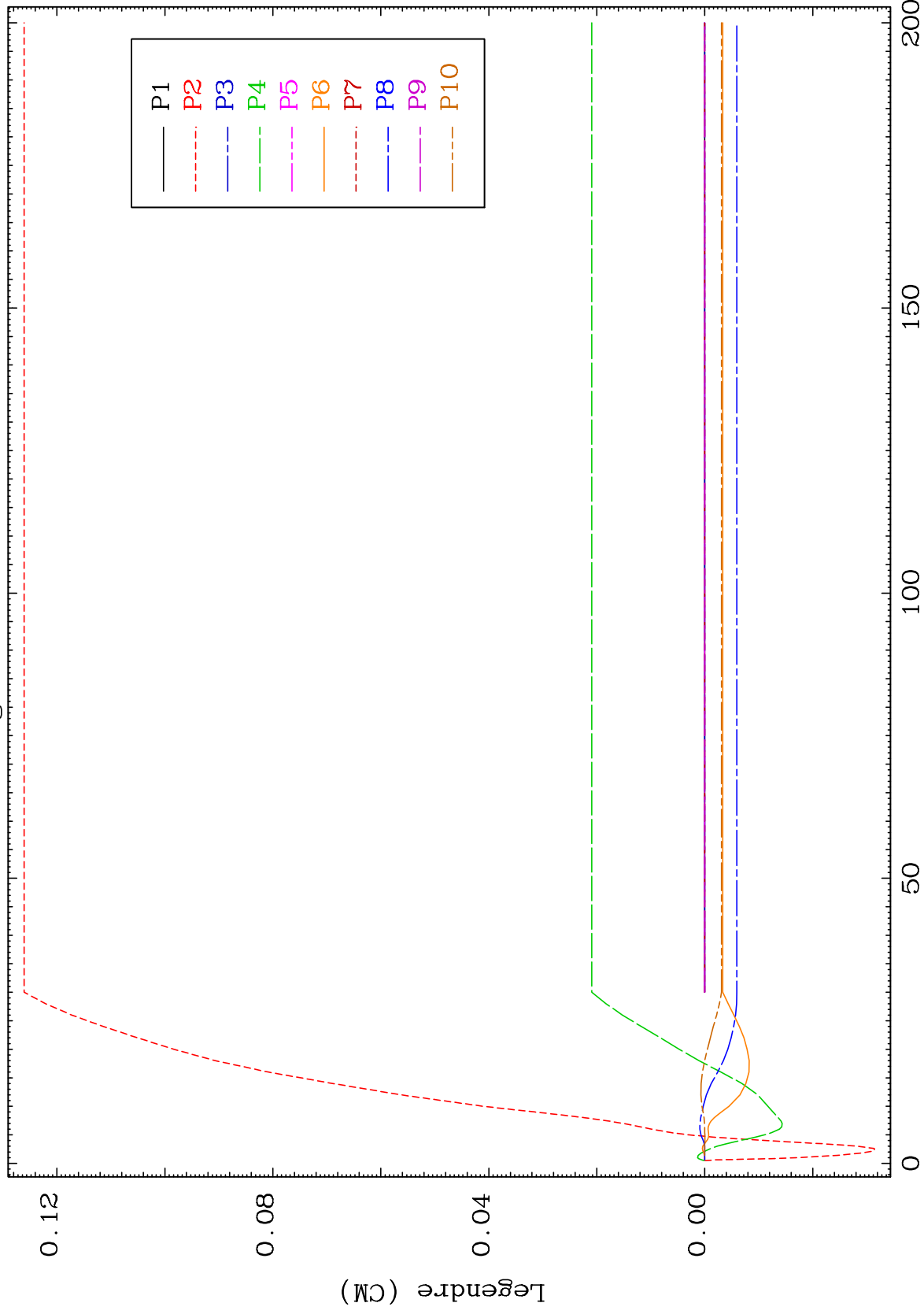
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



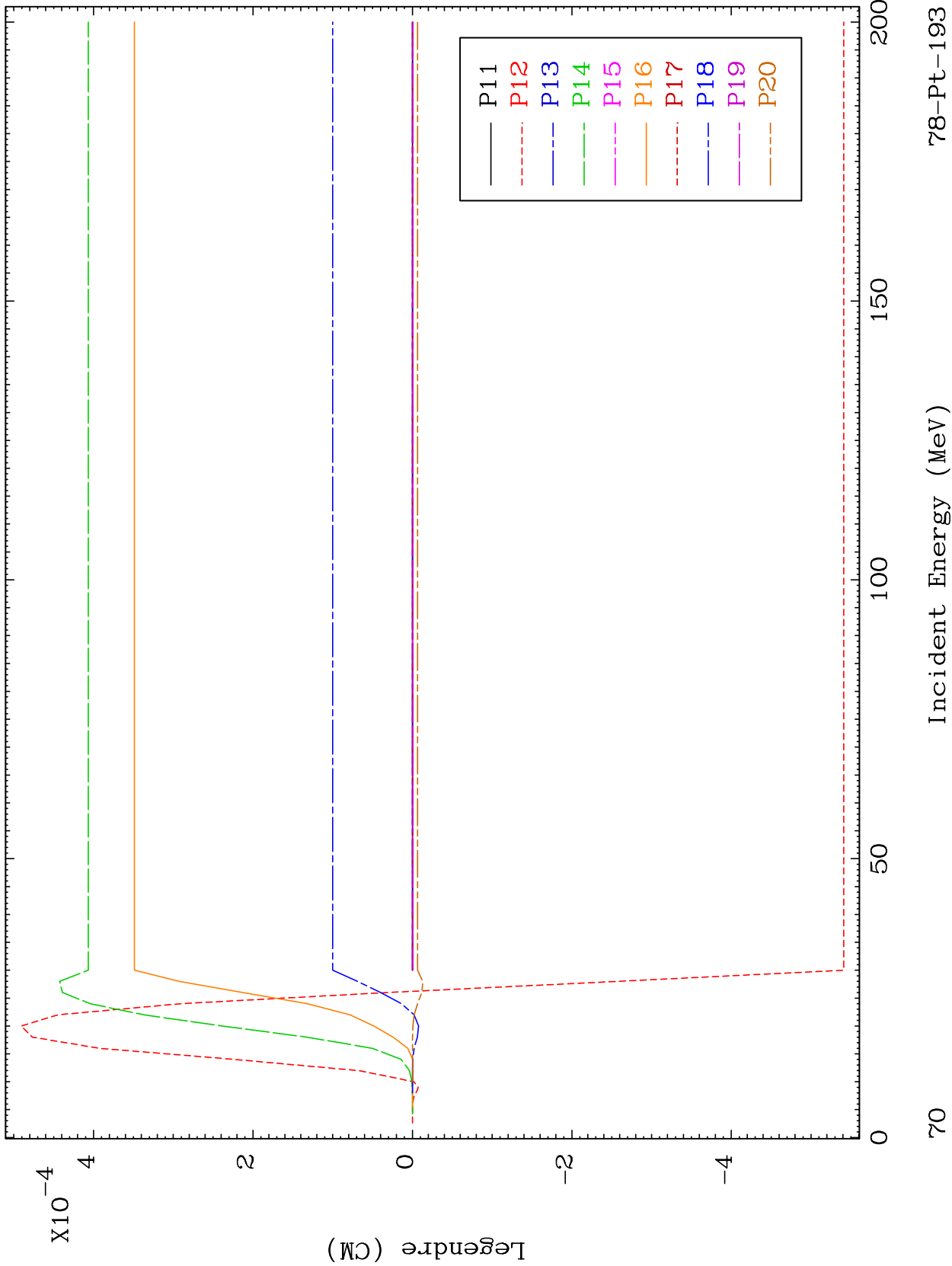
69

78-Pt-193

MAT 7834

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

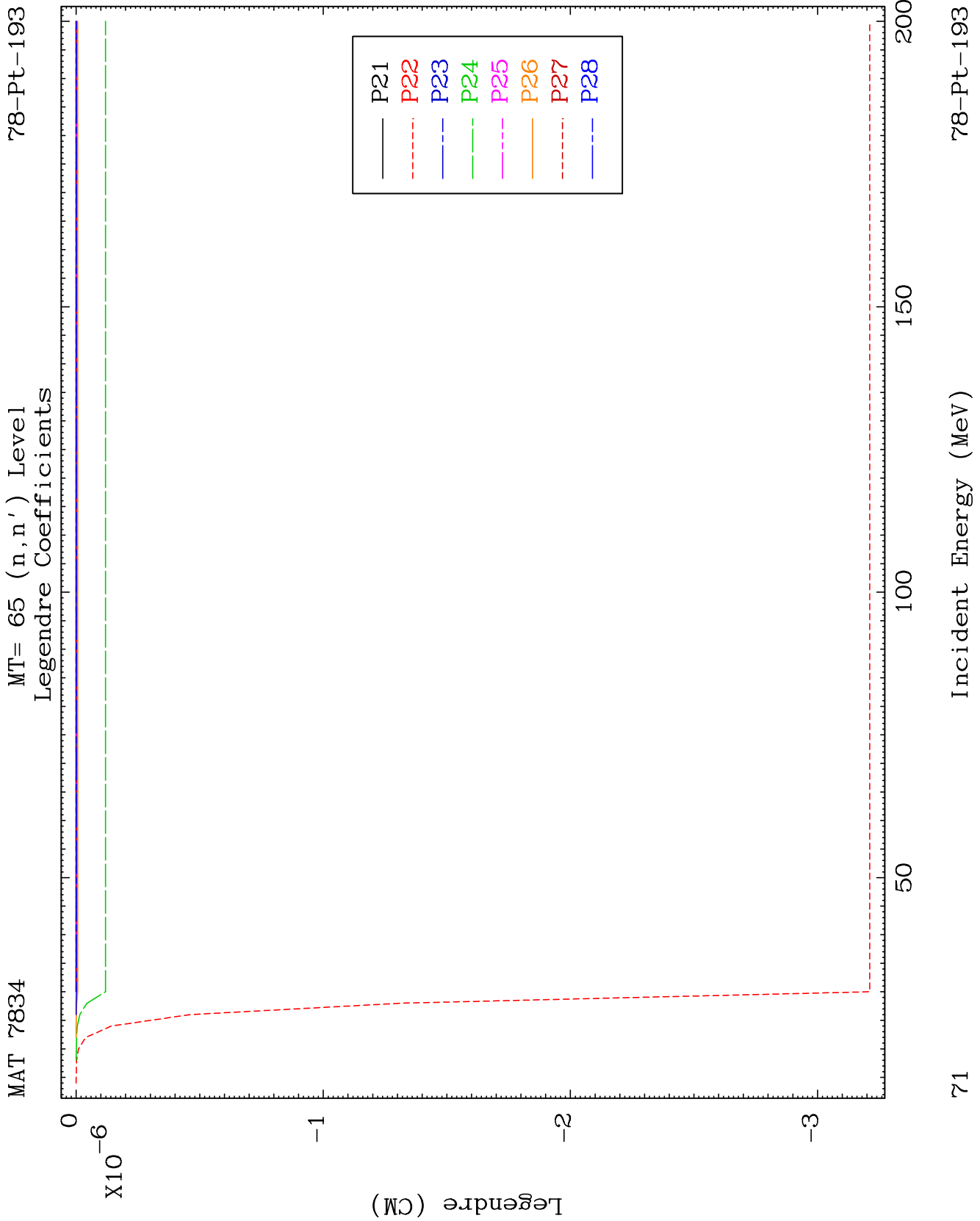
78-Pt-193



78-Pt-193

Incident Energy (MeV)

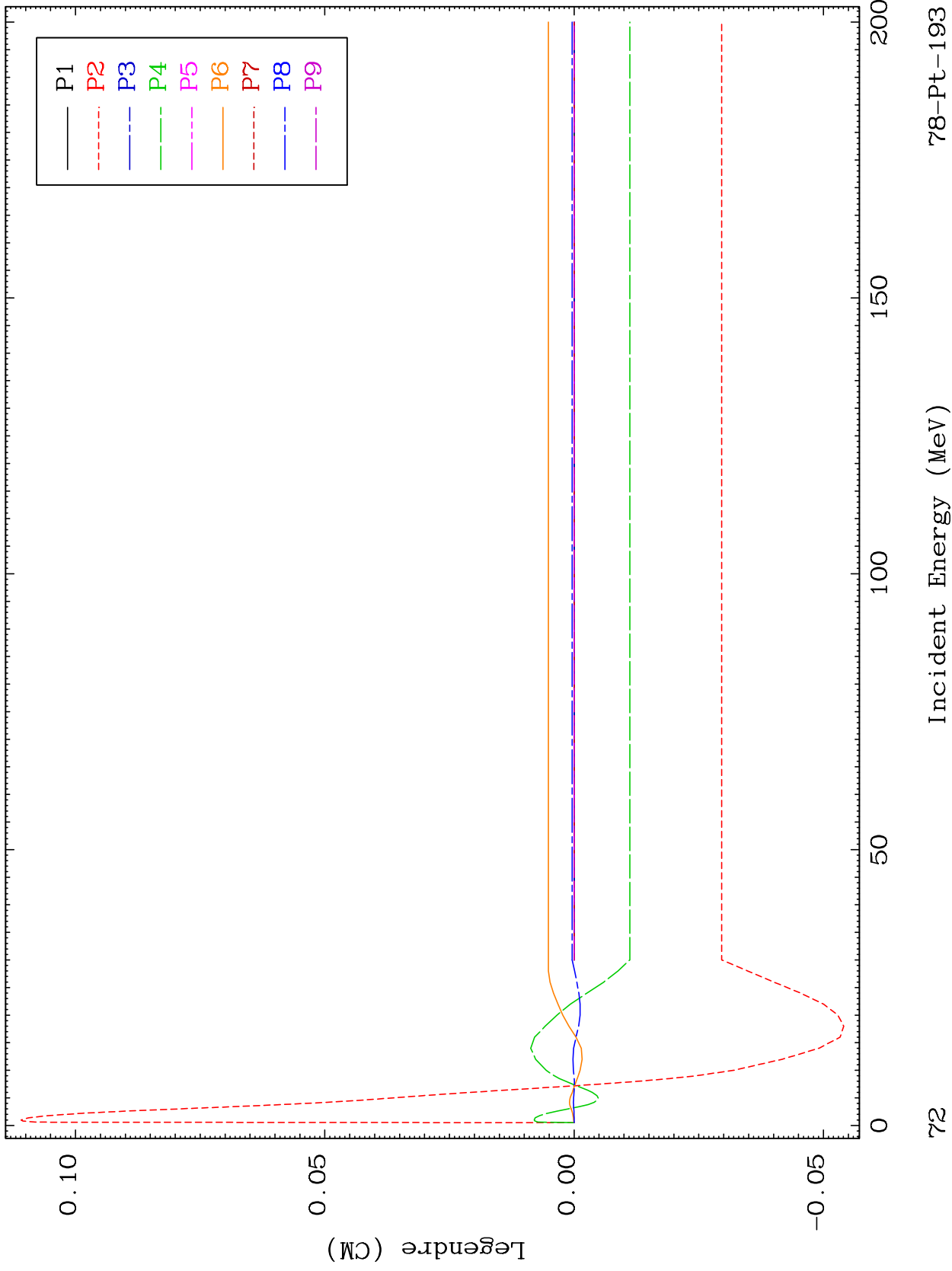
70



MAT 7834

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

78-Pt-193



78-Pt-193

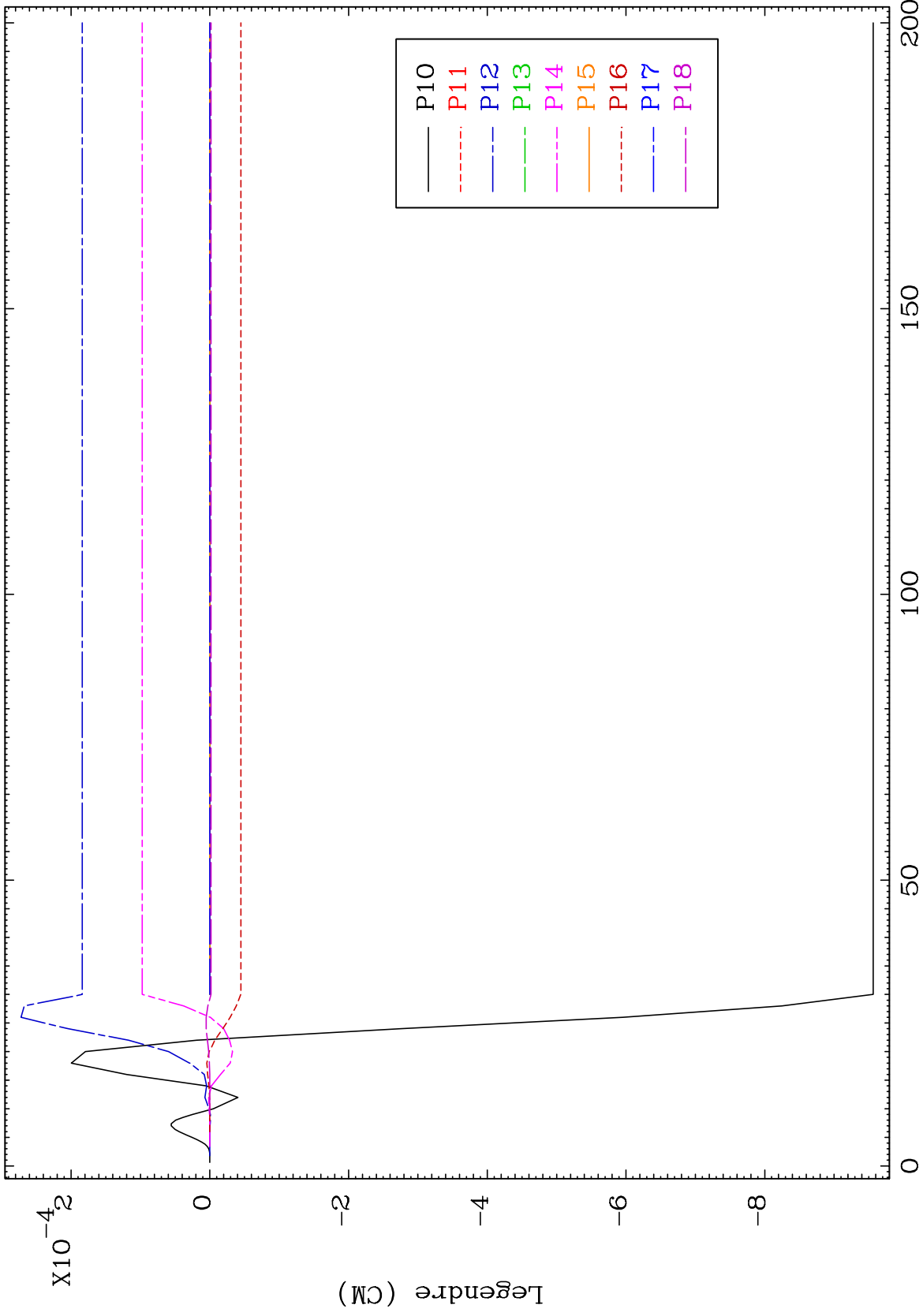
Incident Energy (MeV)

72

MAT 7834

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

78-Pt-193



73

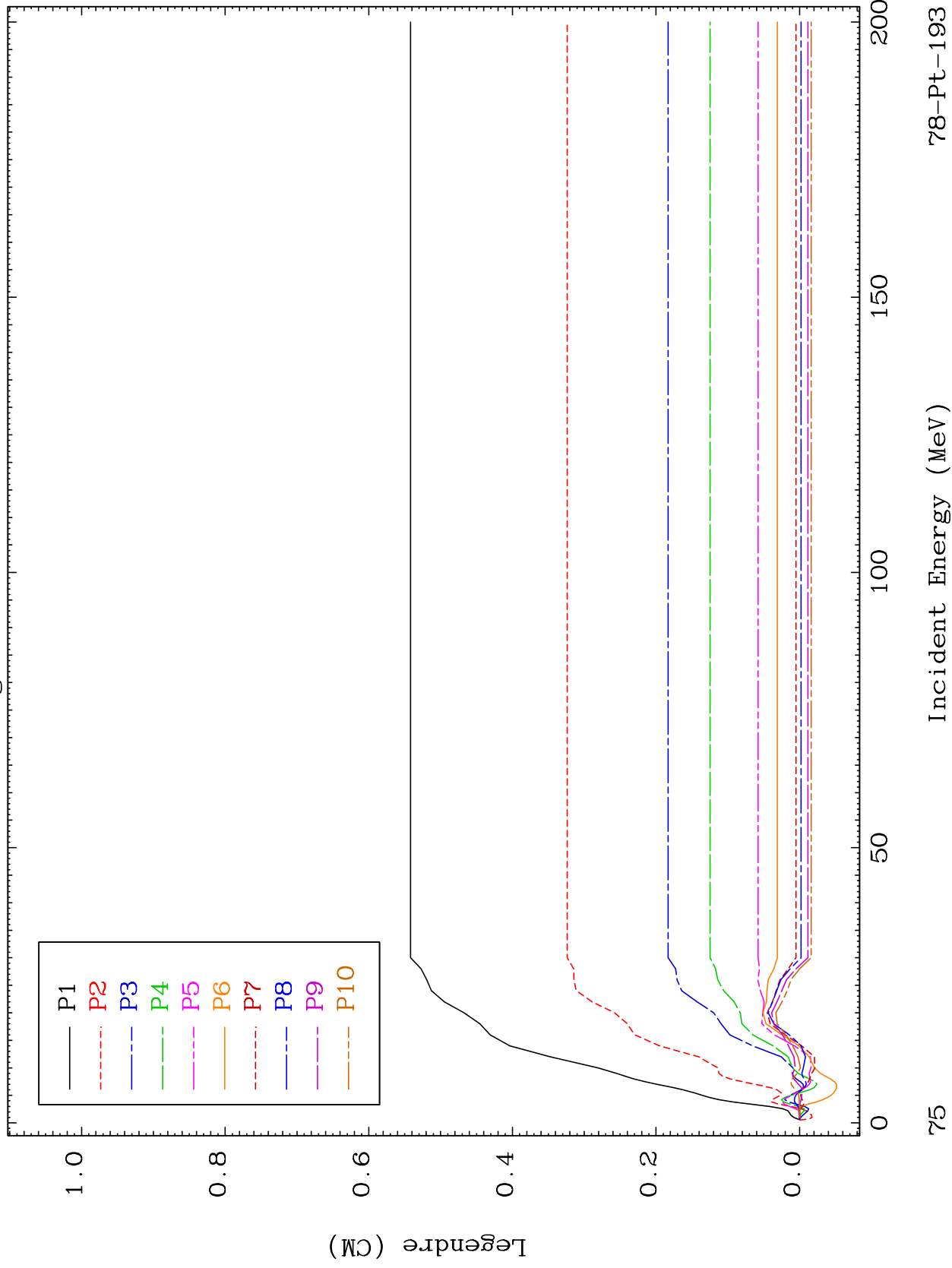
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

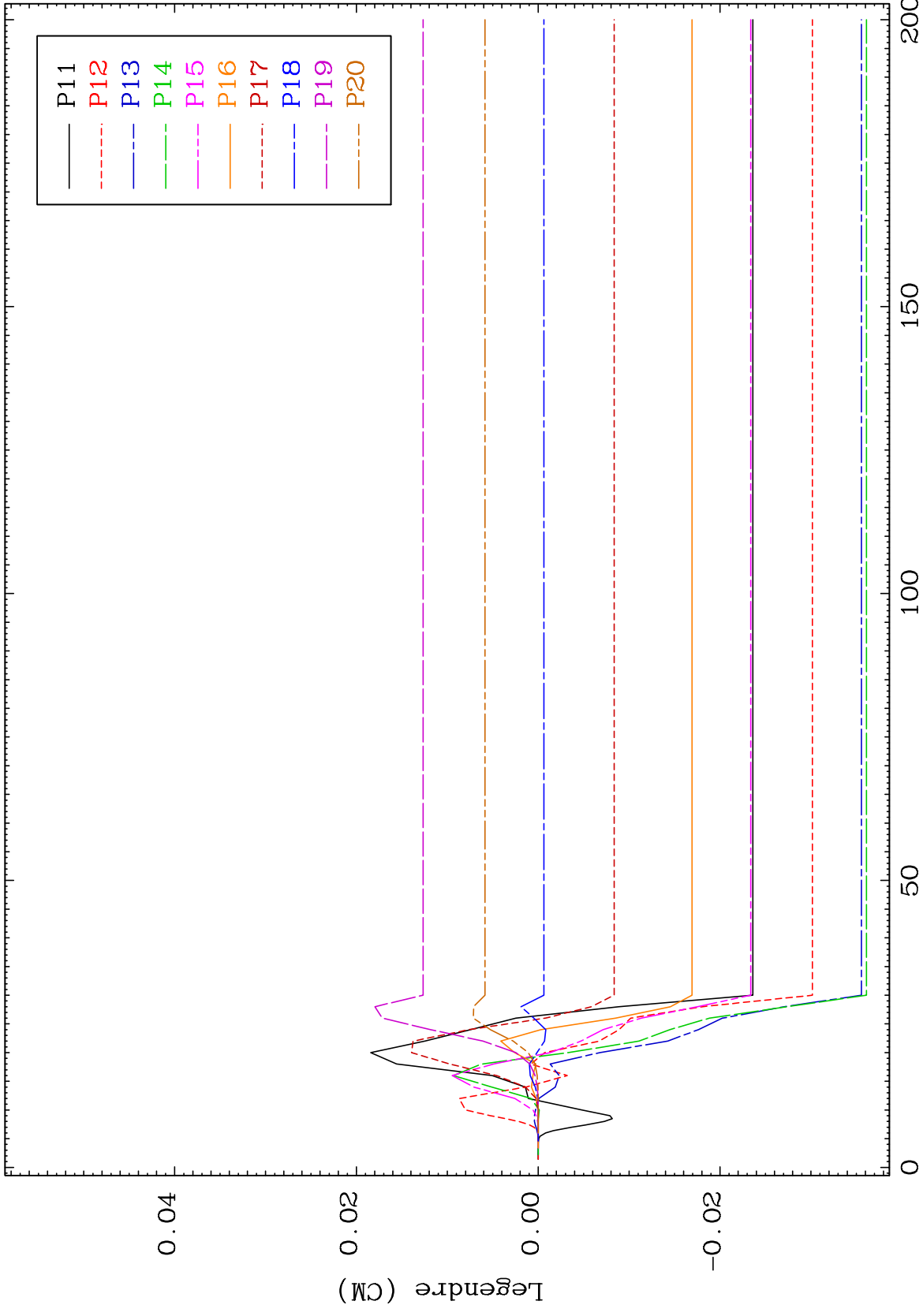
78-Pt-193



MAT 7834

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

78-Pt-193



76

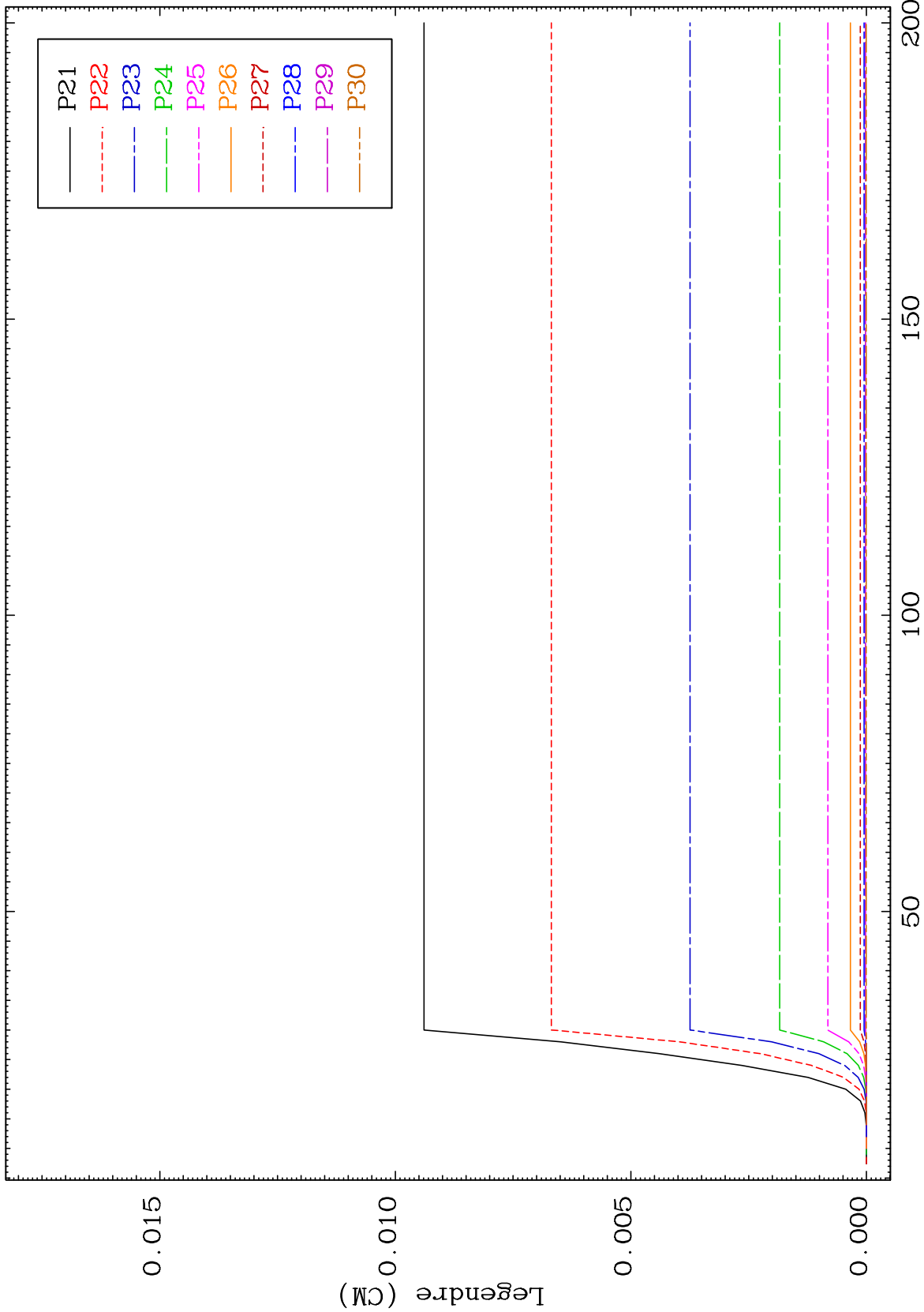
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



77

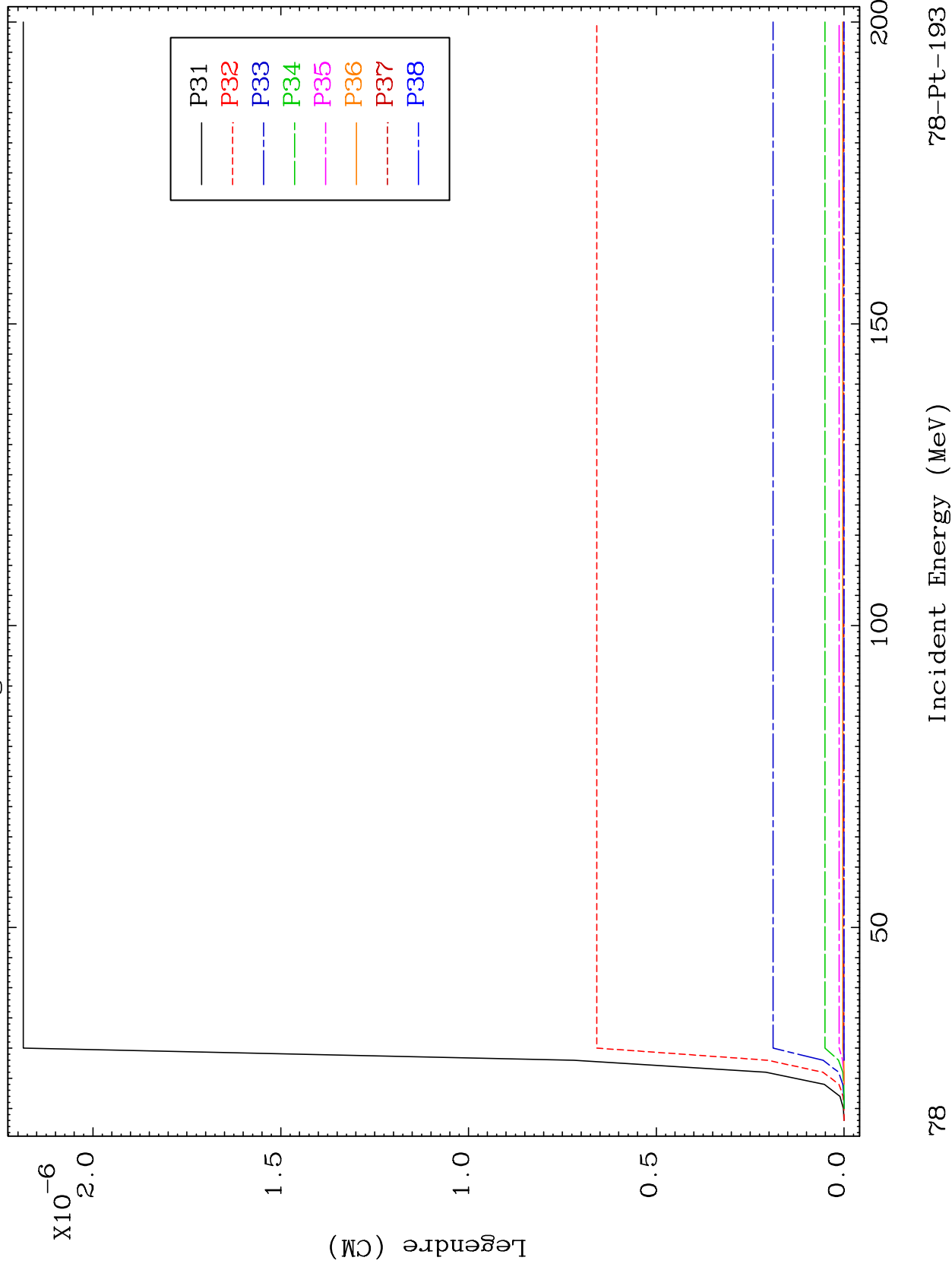
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

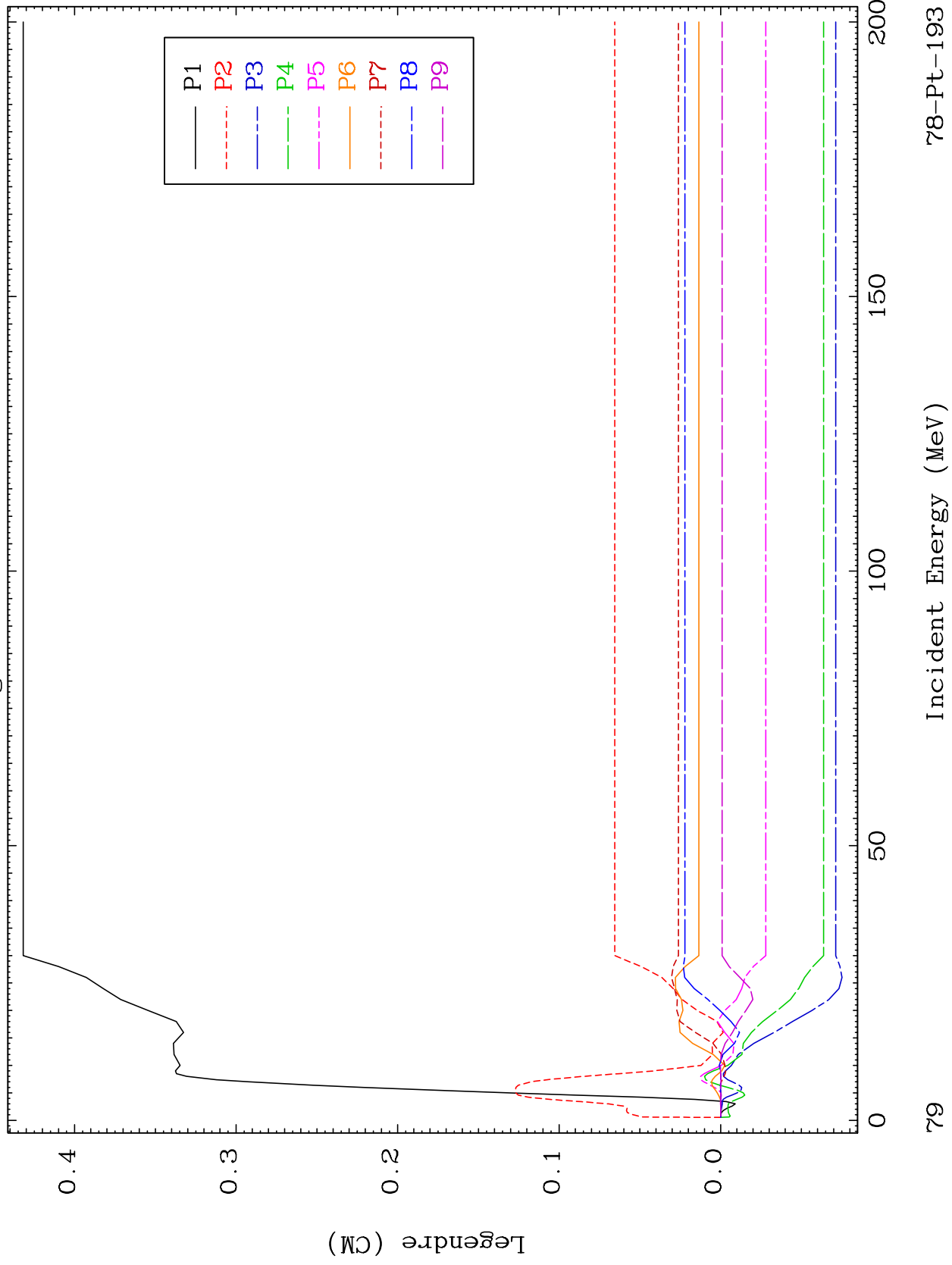
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

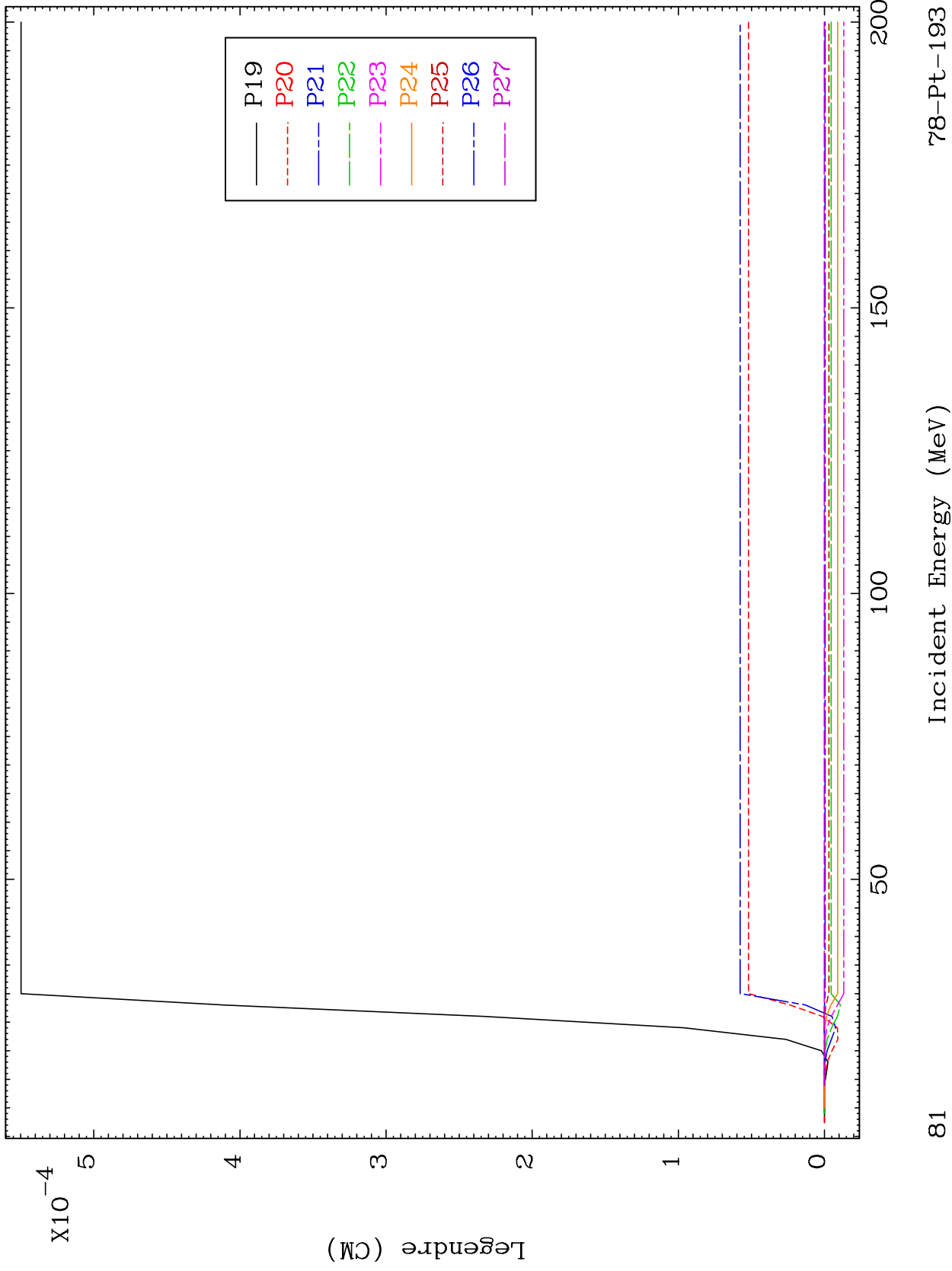
Incident Energy (MeV)

79

MAT 7834

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

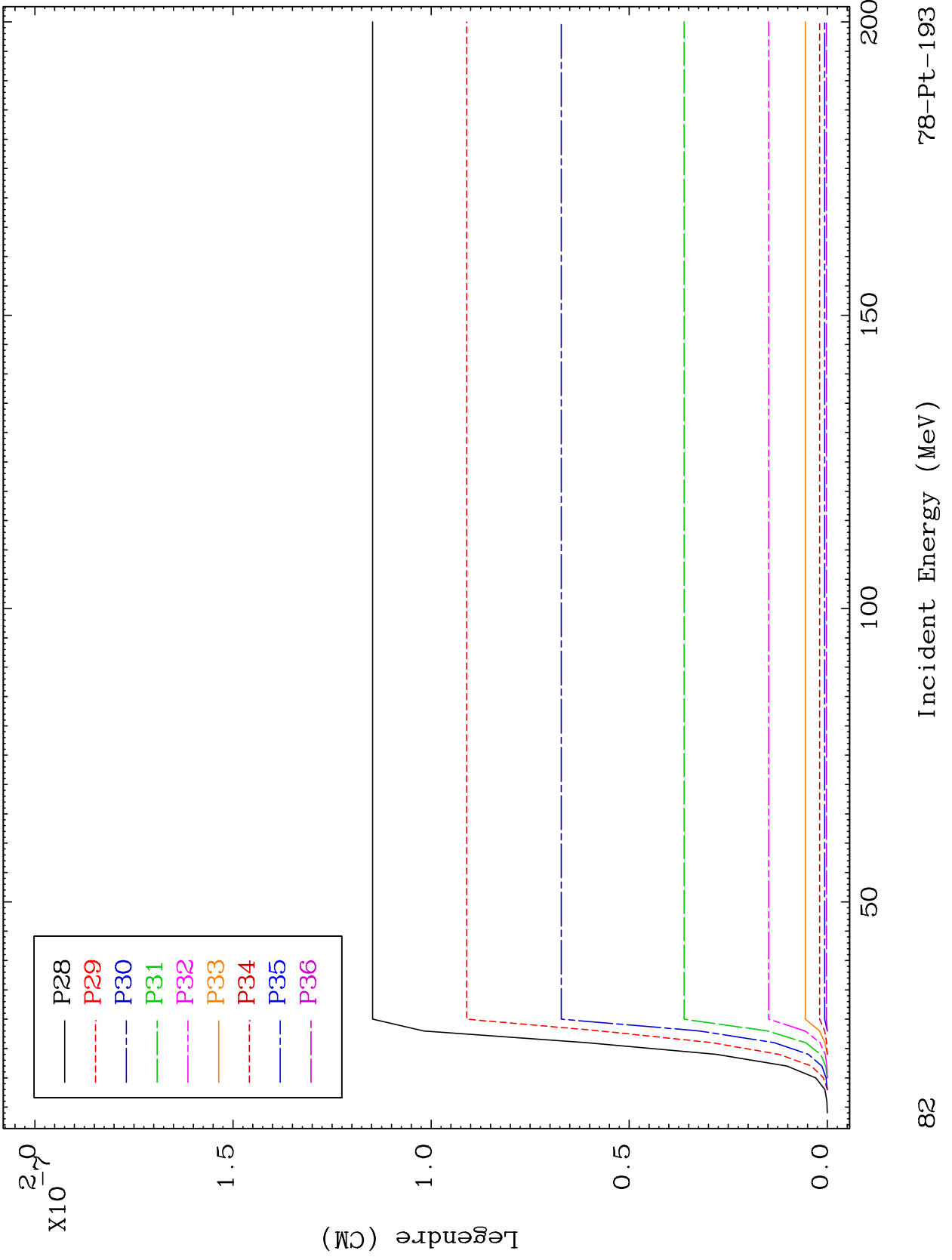
78-Pt-193



MAT 7834

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

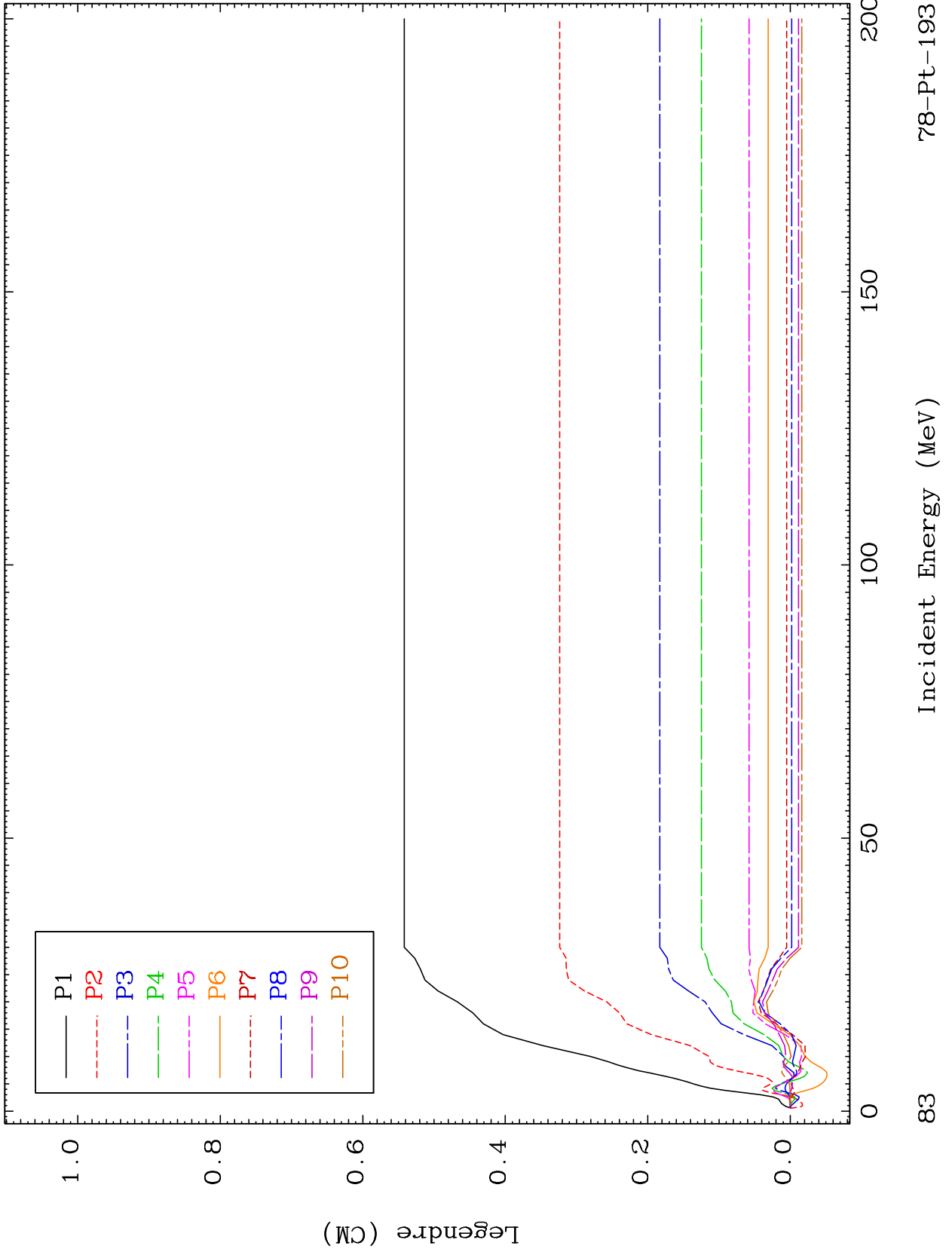
78-Pt-193



MAT 7834

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

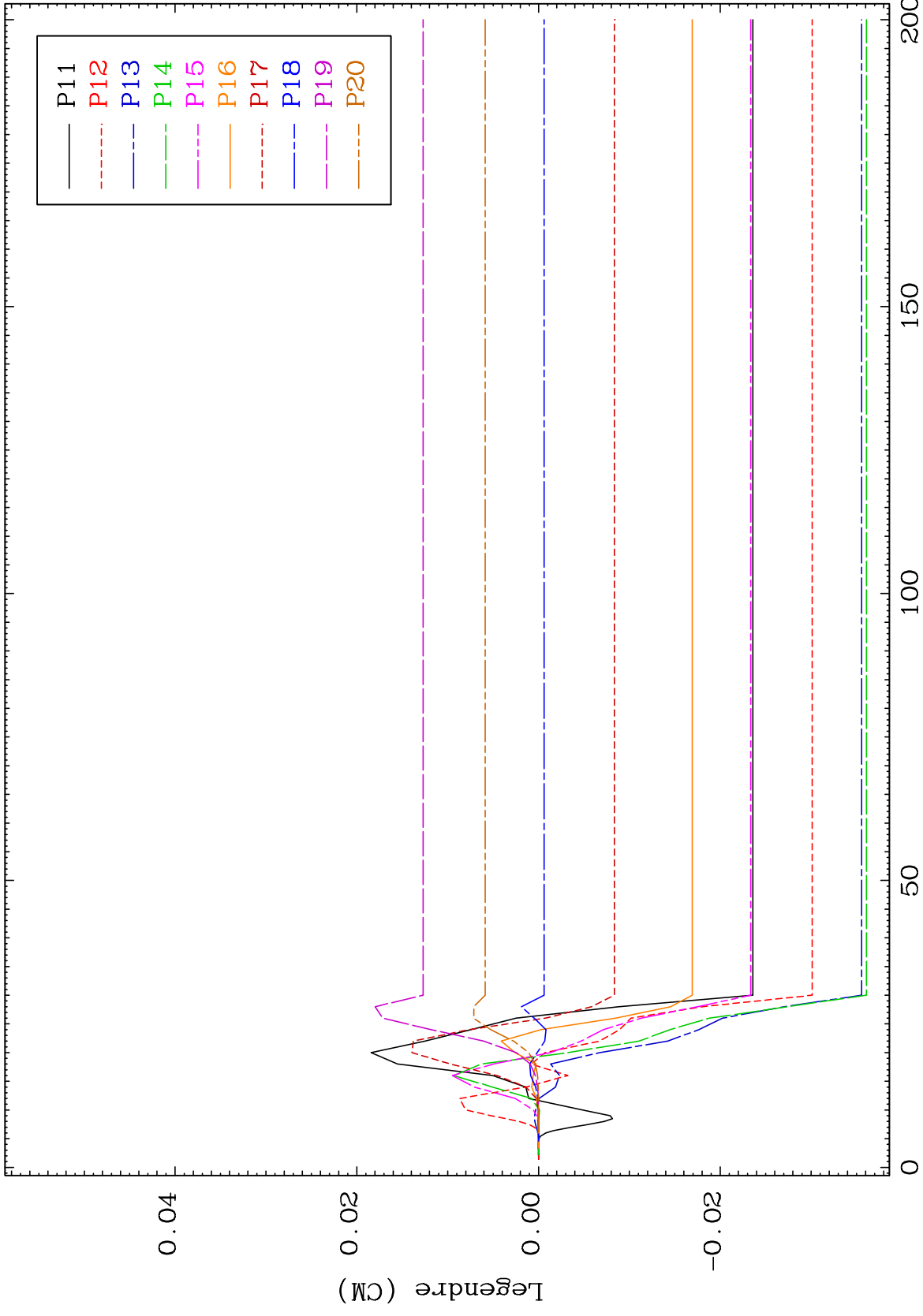
78-Pt-193



MAT 7834

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

78-Pt-193



84

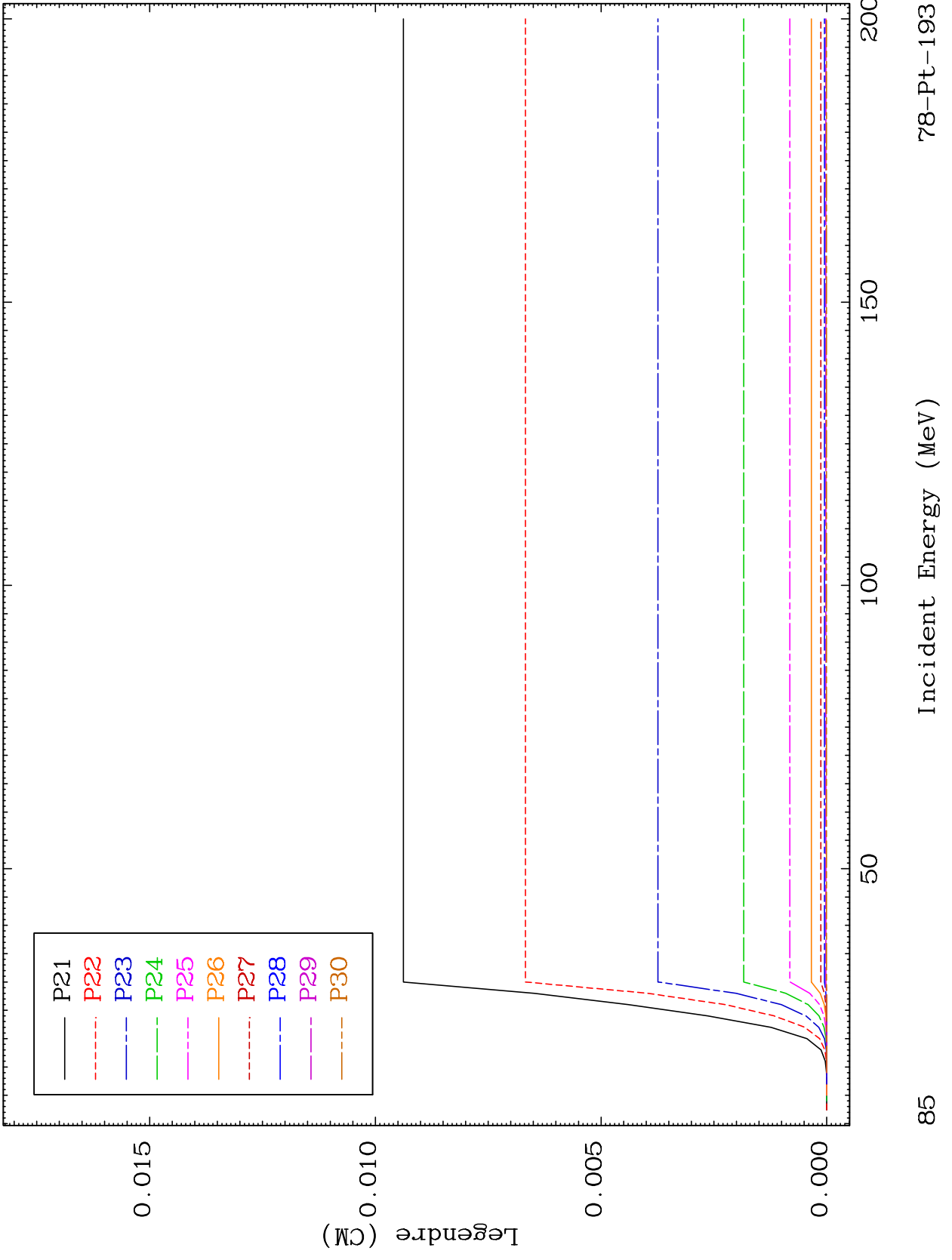
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



85

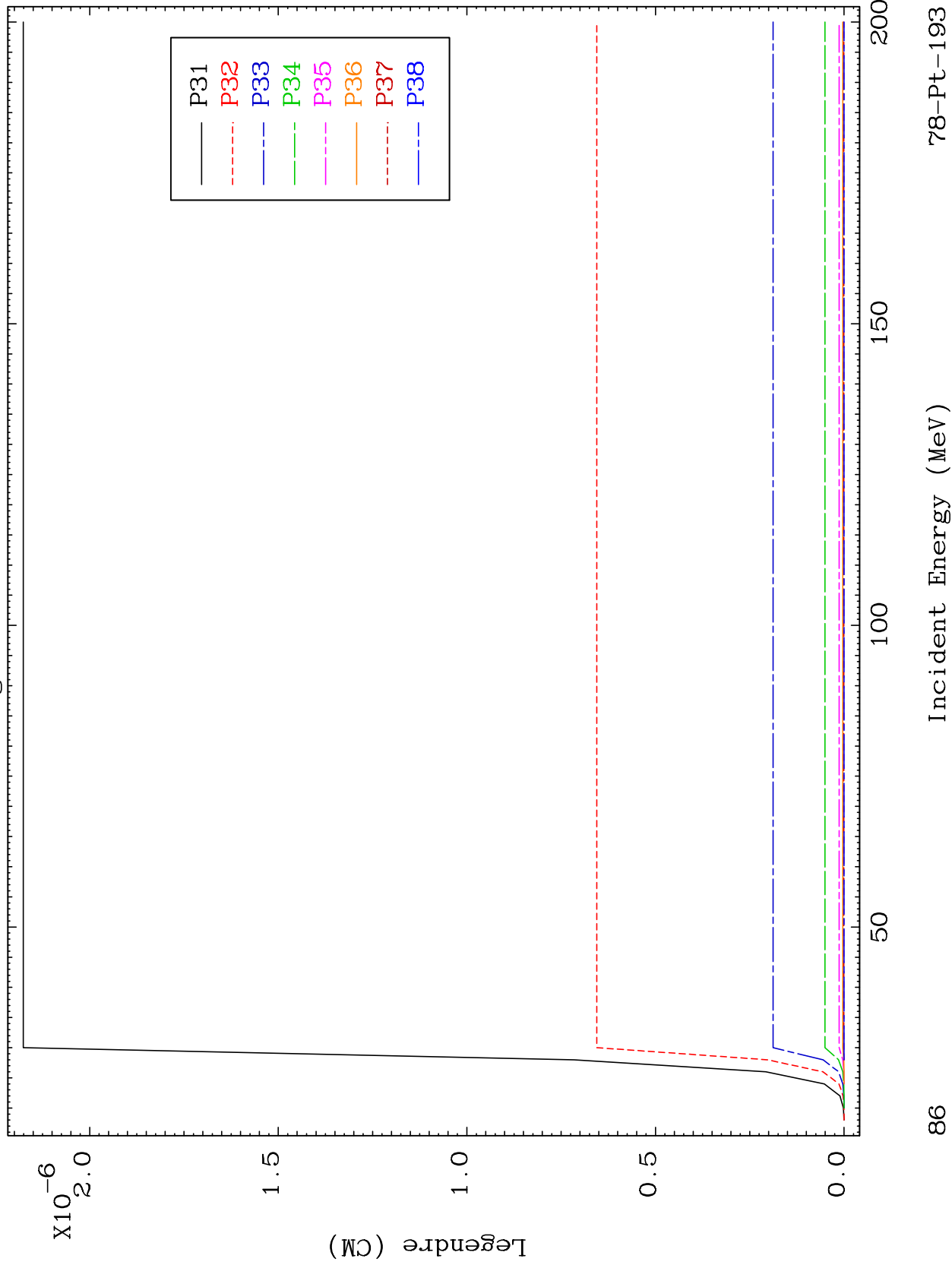
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

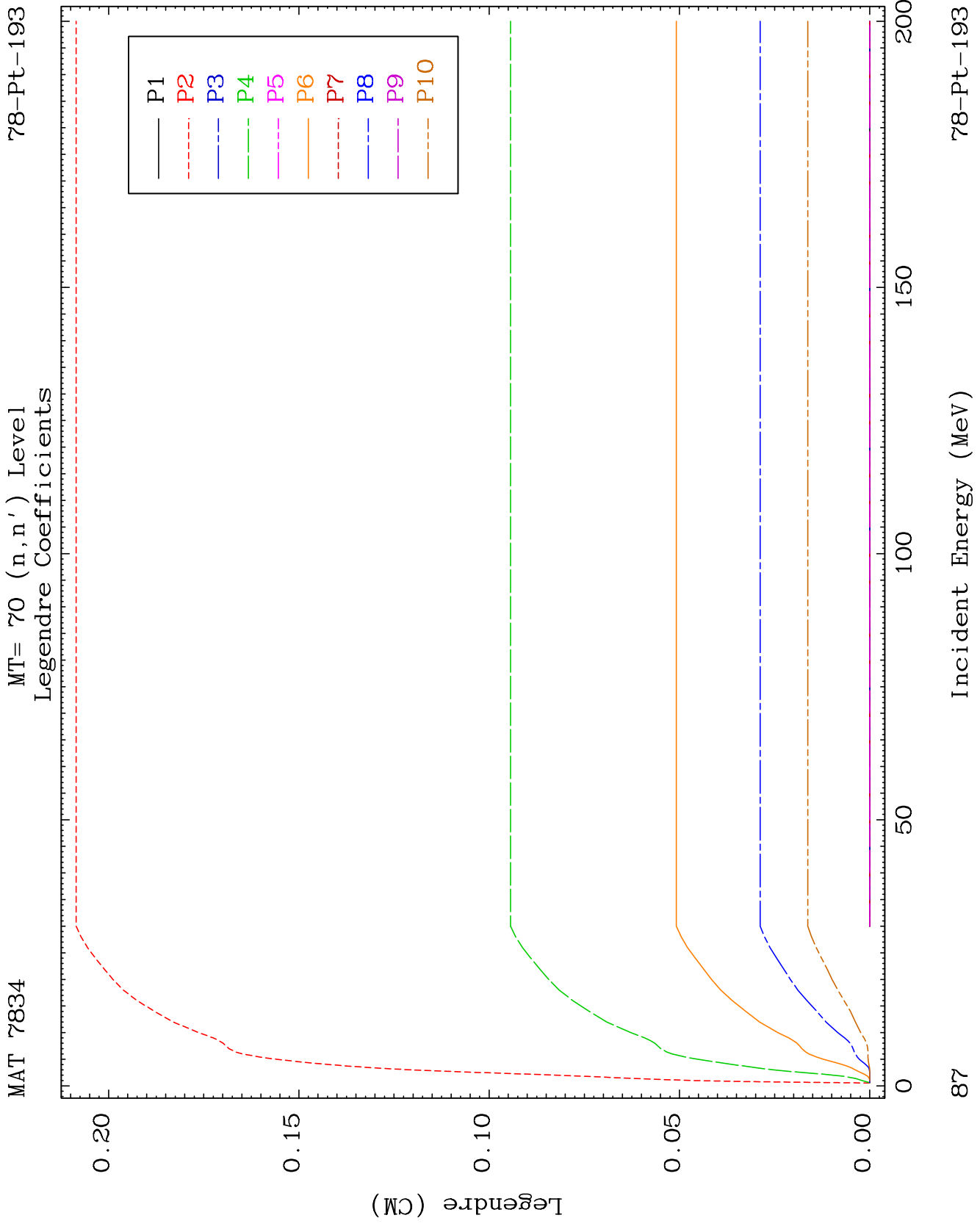
78-Pt-193



86

Incident Energy (MeV)

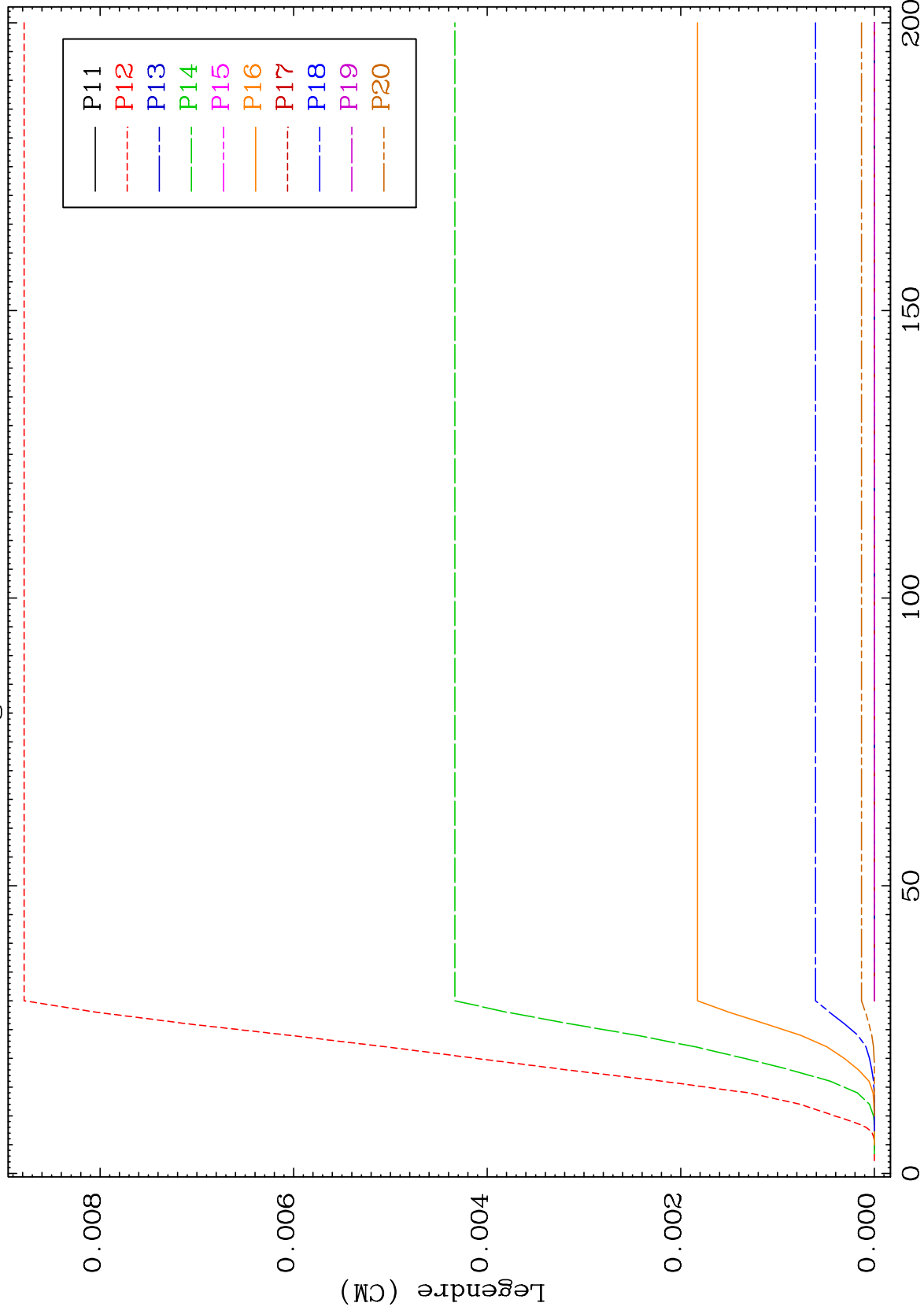
78-Pt-193



MAT 7834

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

78-Pt-193



88

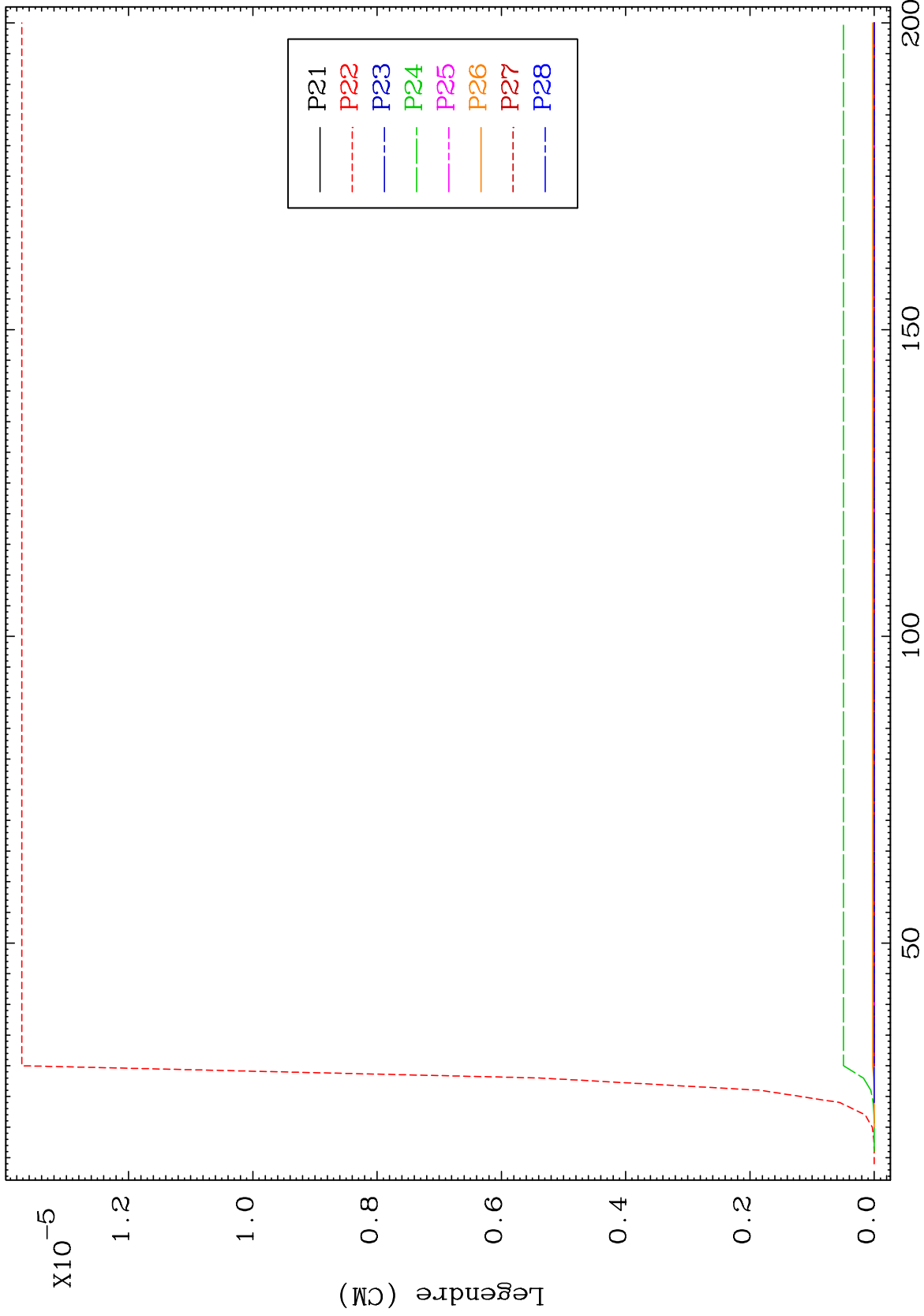
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

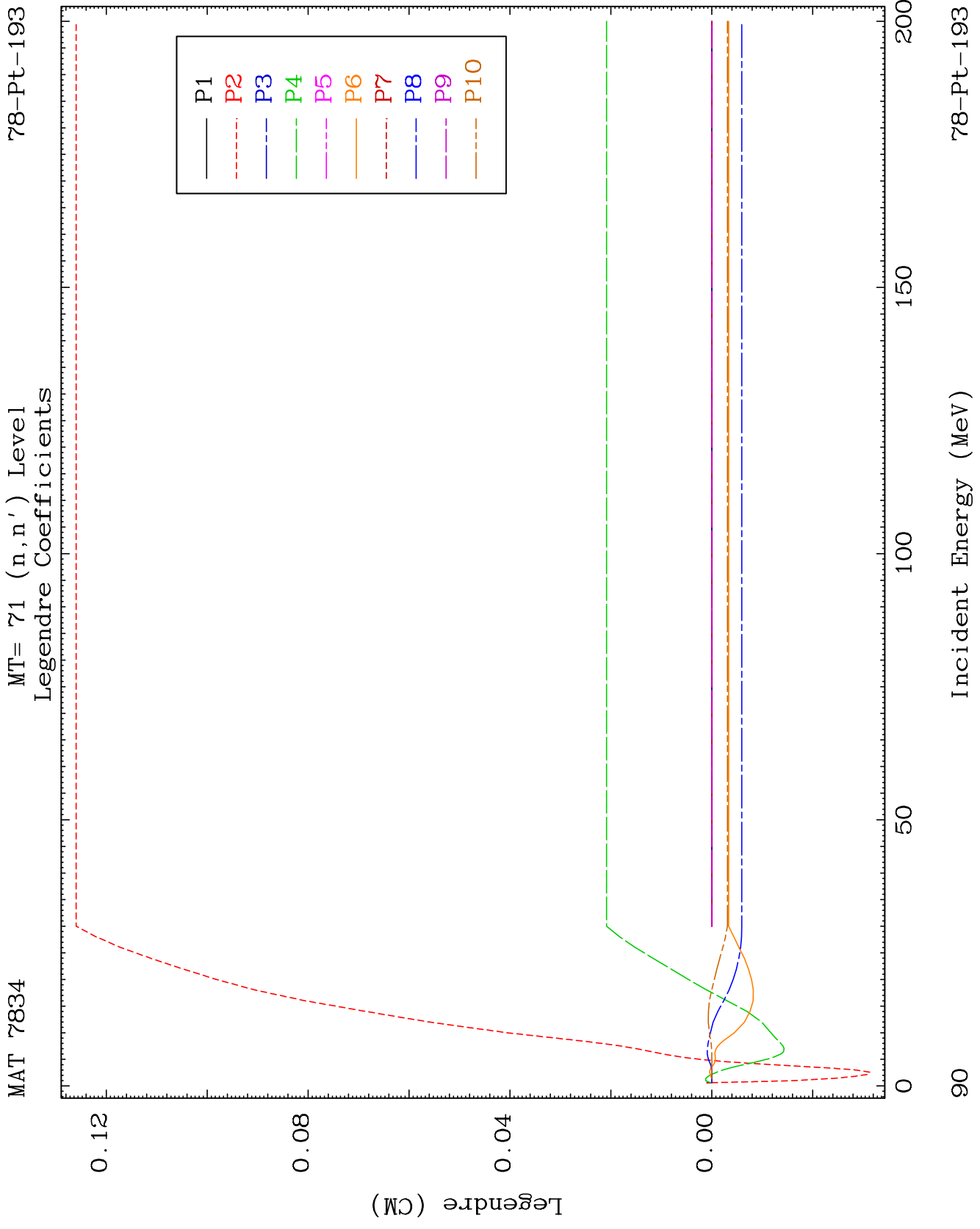
78-Pt-193



89

Incident Energy (MeV)

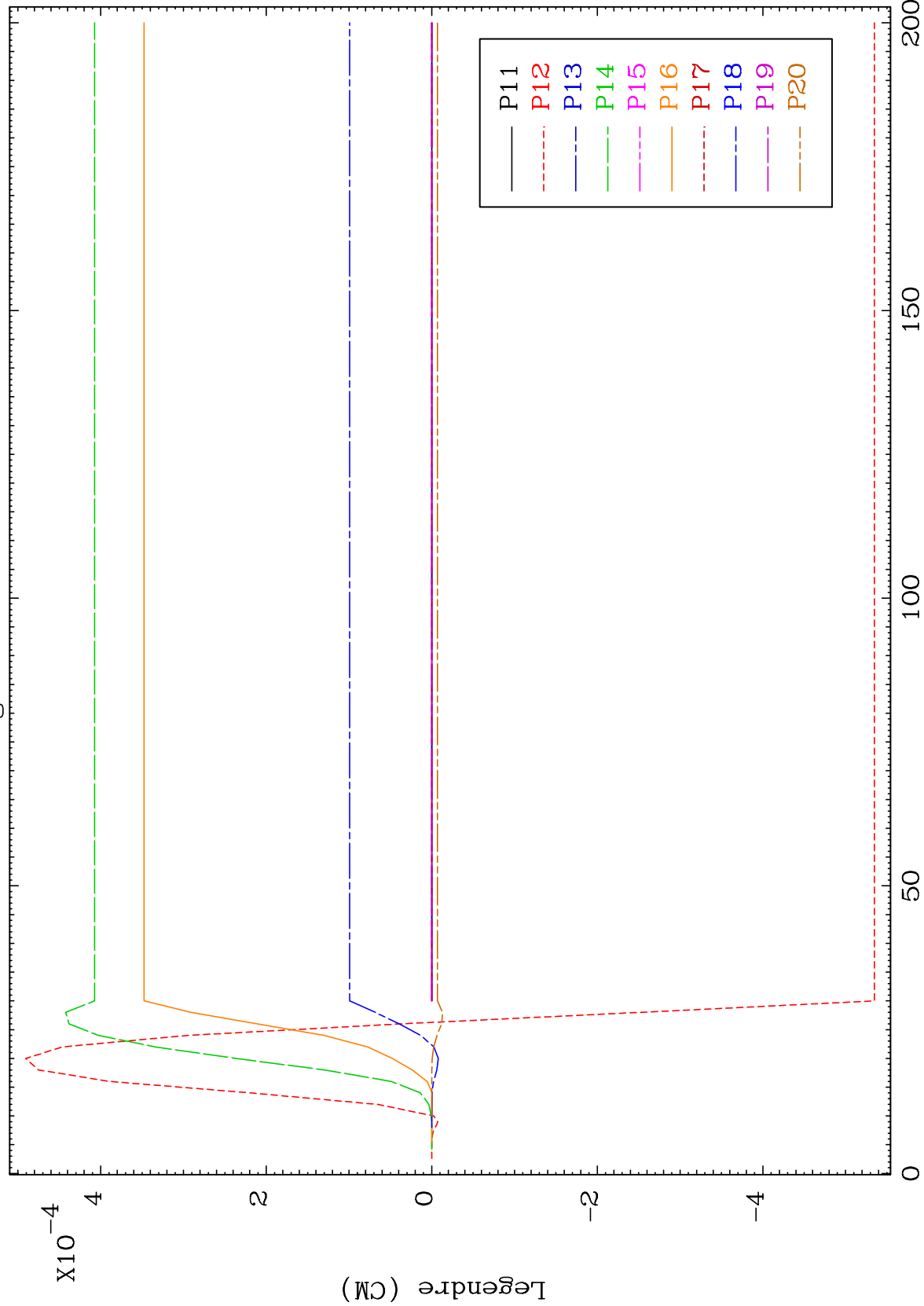
78-Pt-193



MAT 7834

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

78-Pt-193



91

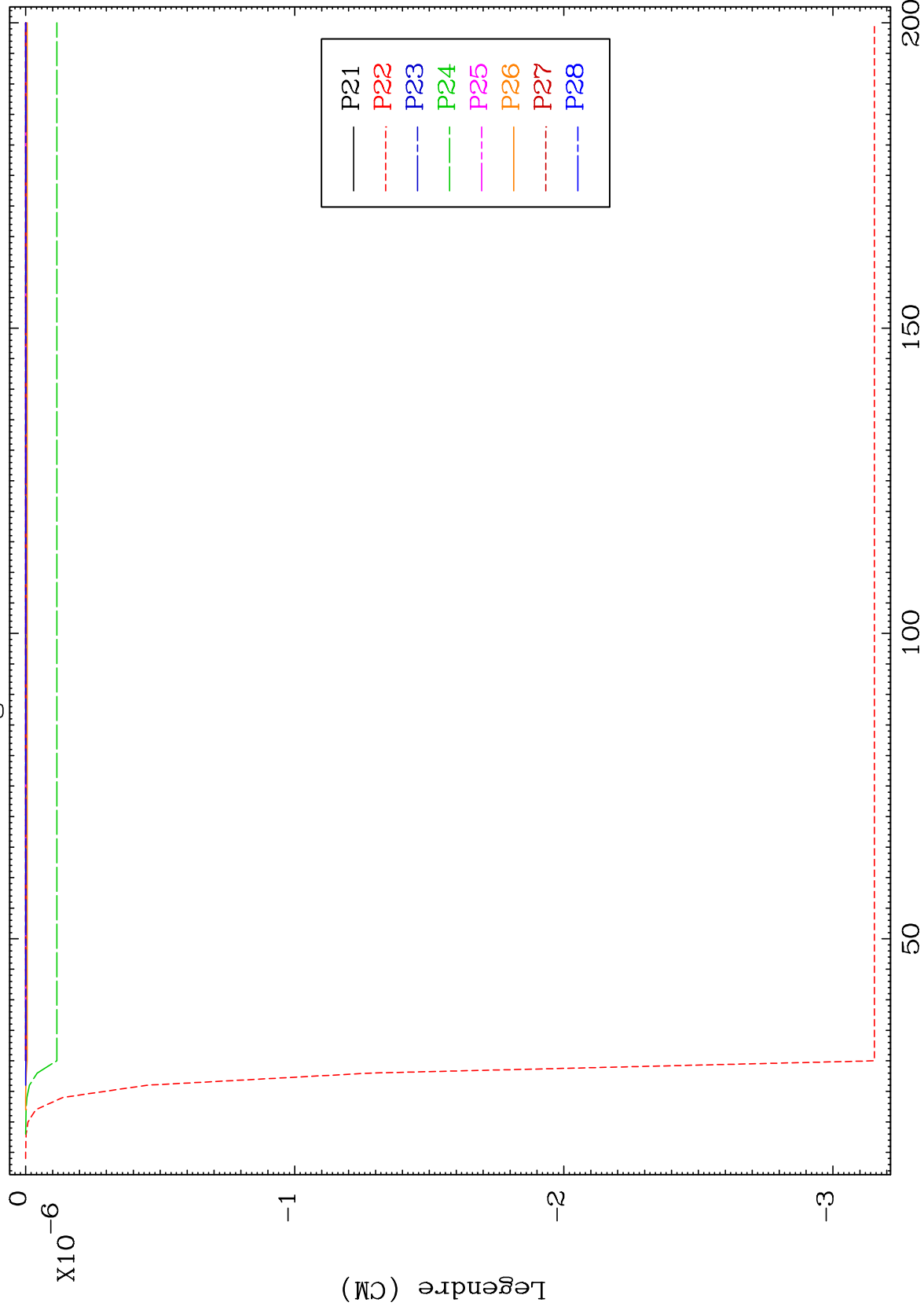
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

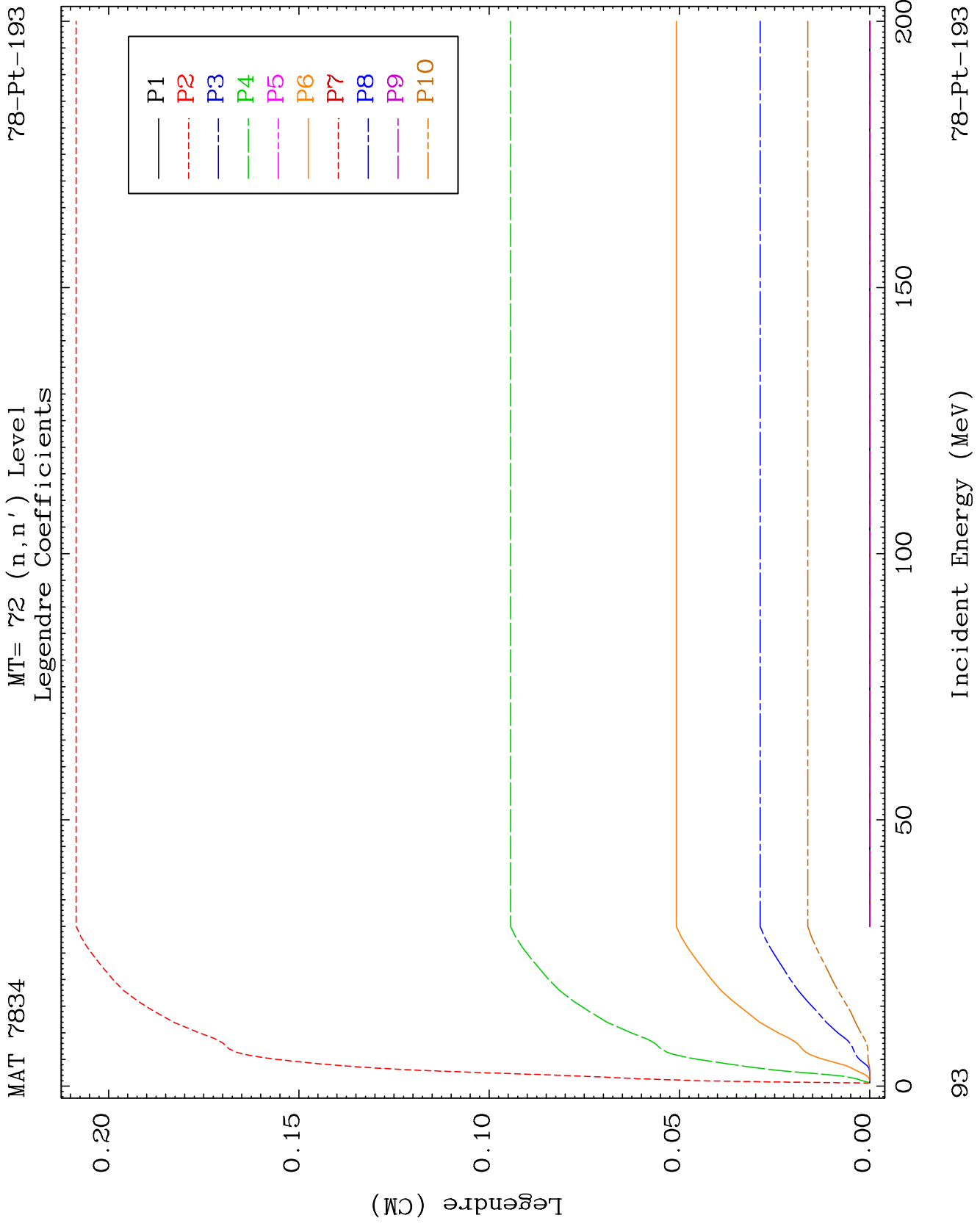
78-Pt-193



78-Pt-193

Incident Energy (MeV)

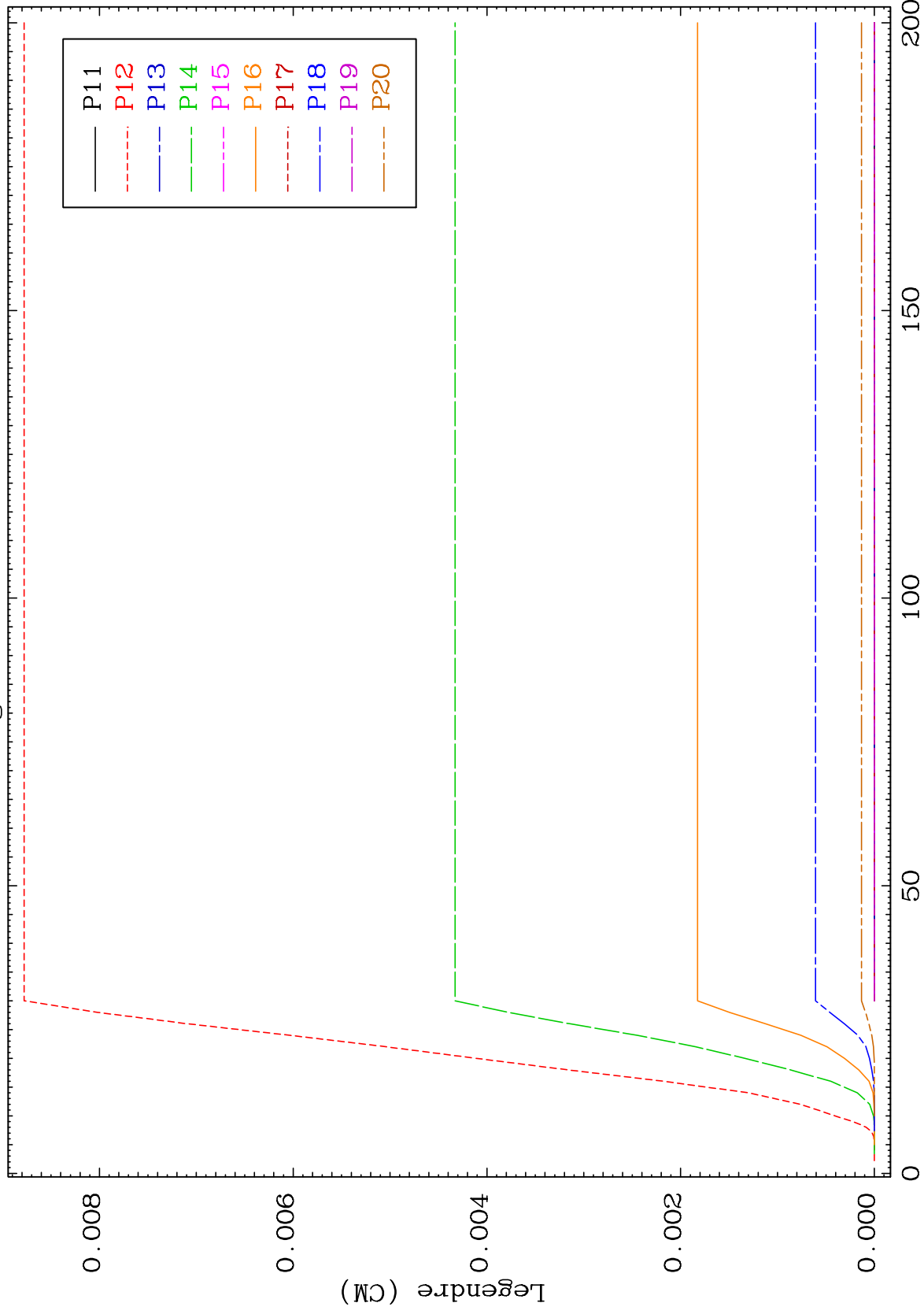
92



MAT 7834

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

78-Pt-193



94

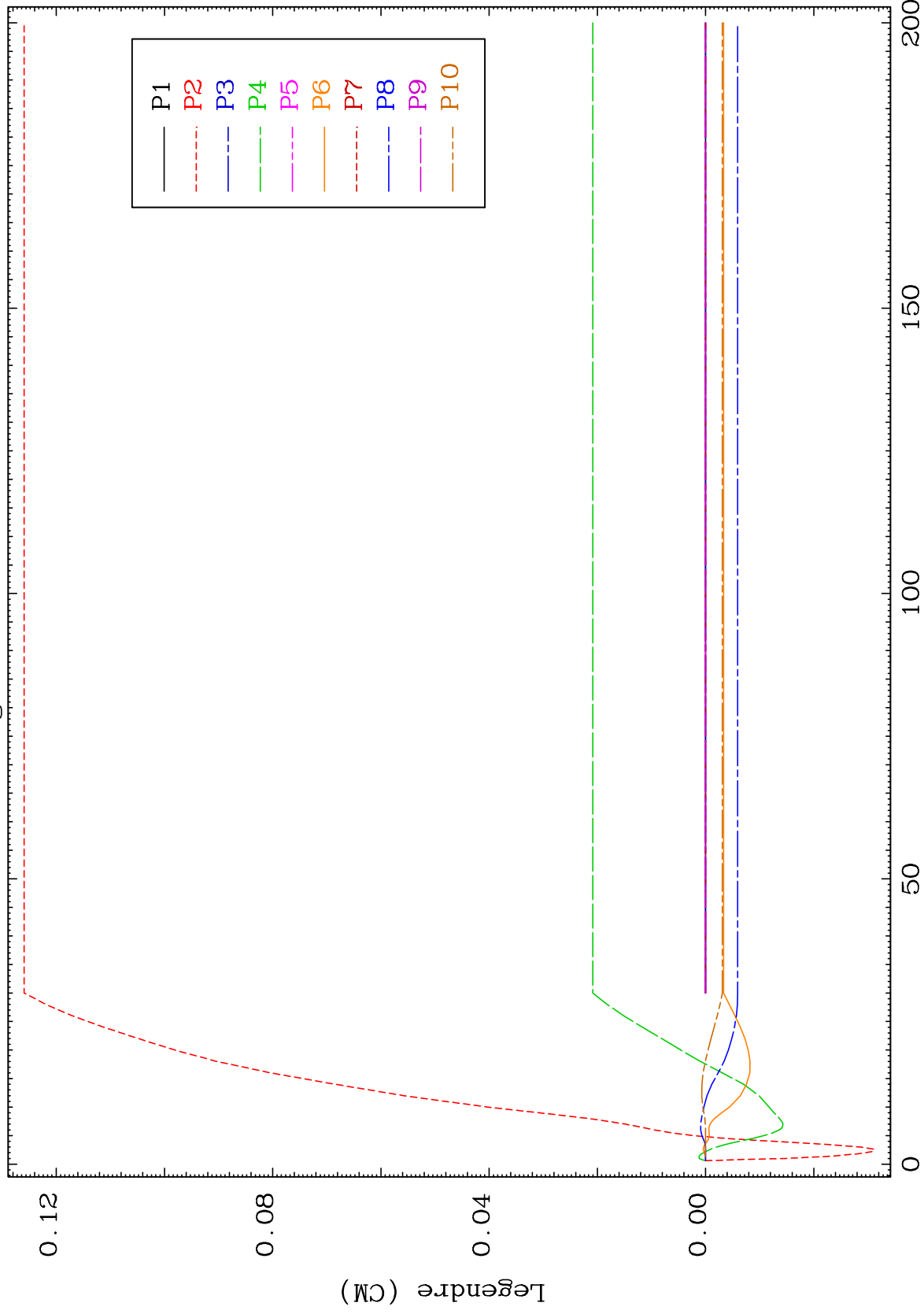
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

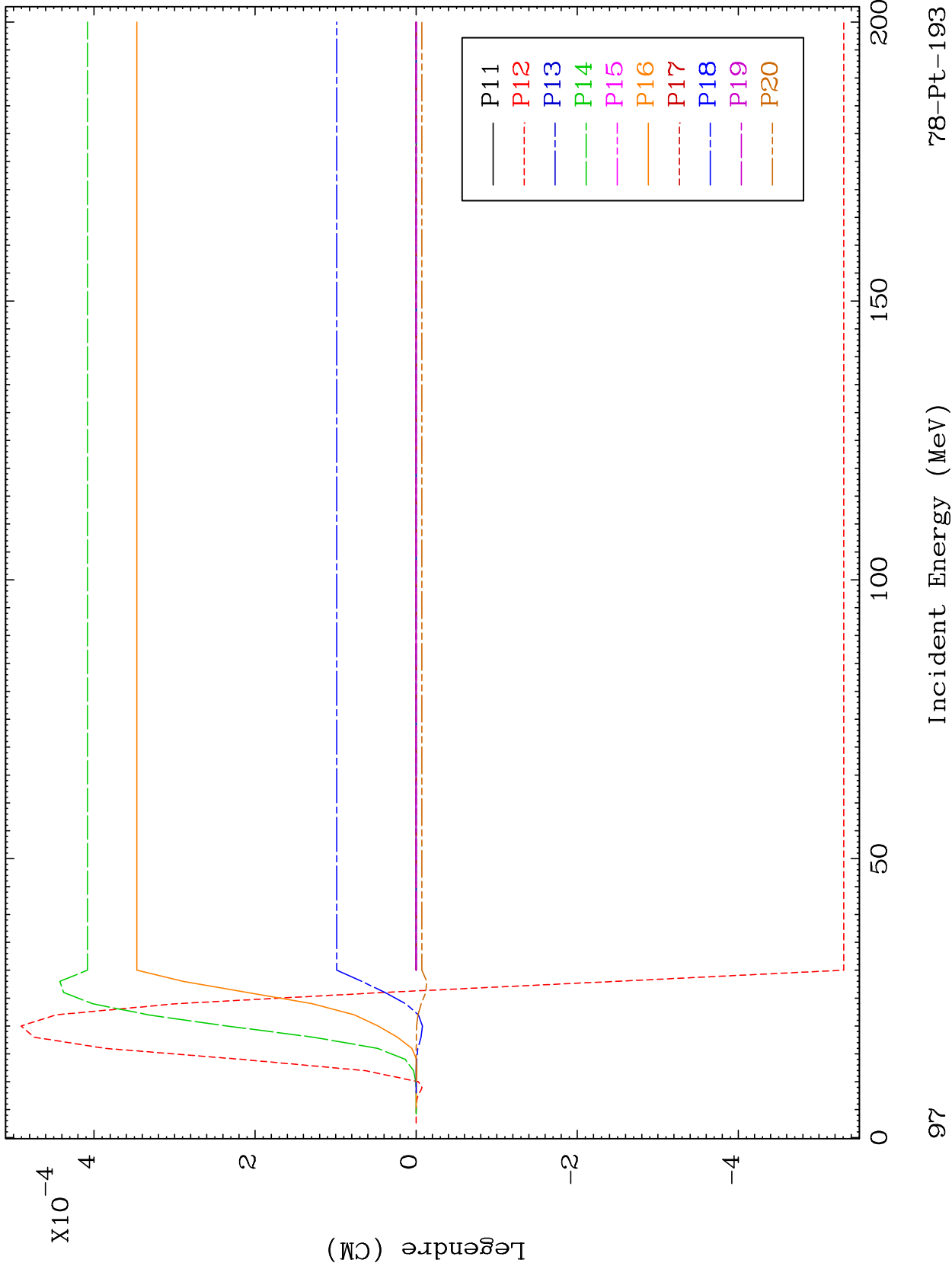
Incident Energy (MeV)

96

MAT 7834

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

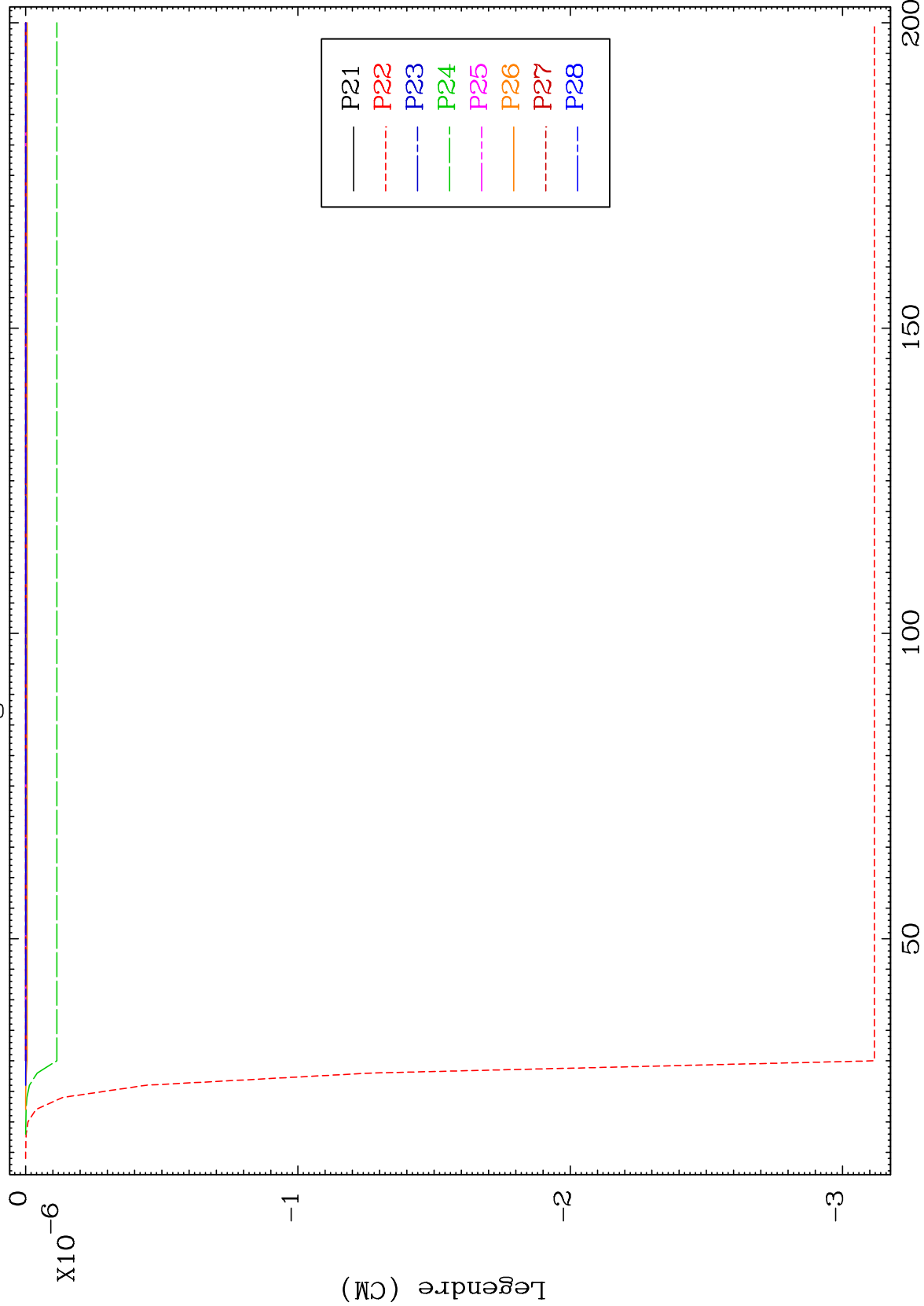
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

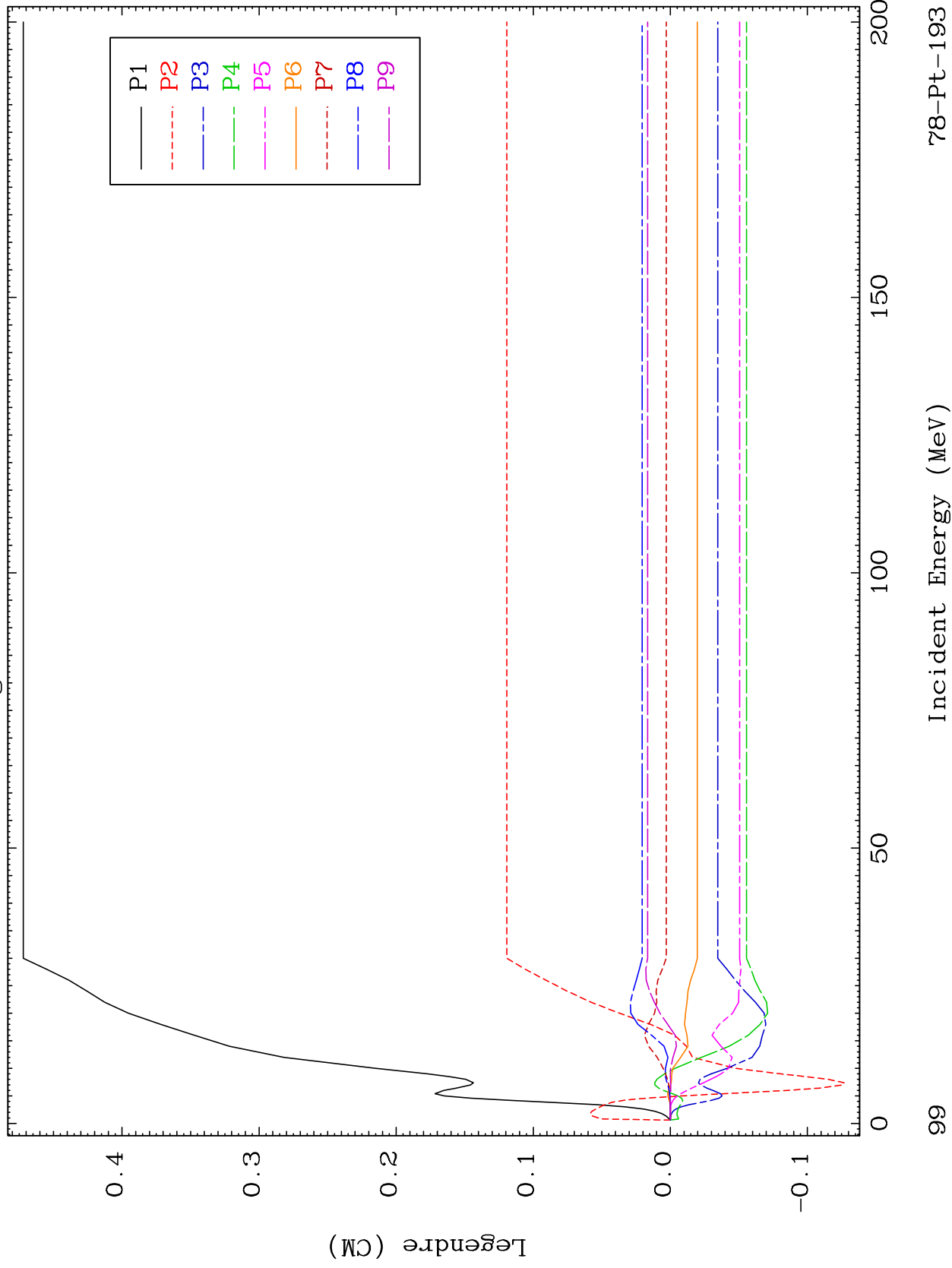
Incident Energy (MeV)

98

MAT 7834

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

78-Pt-193



78-Pt-193

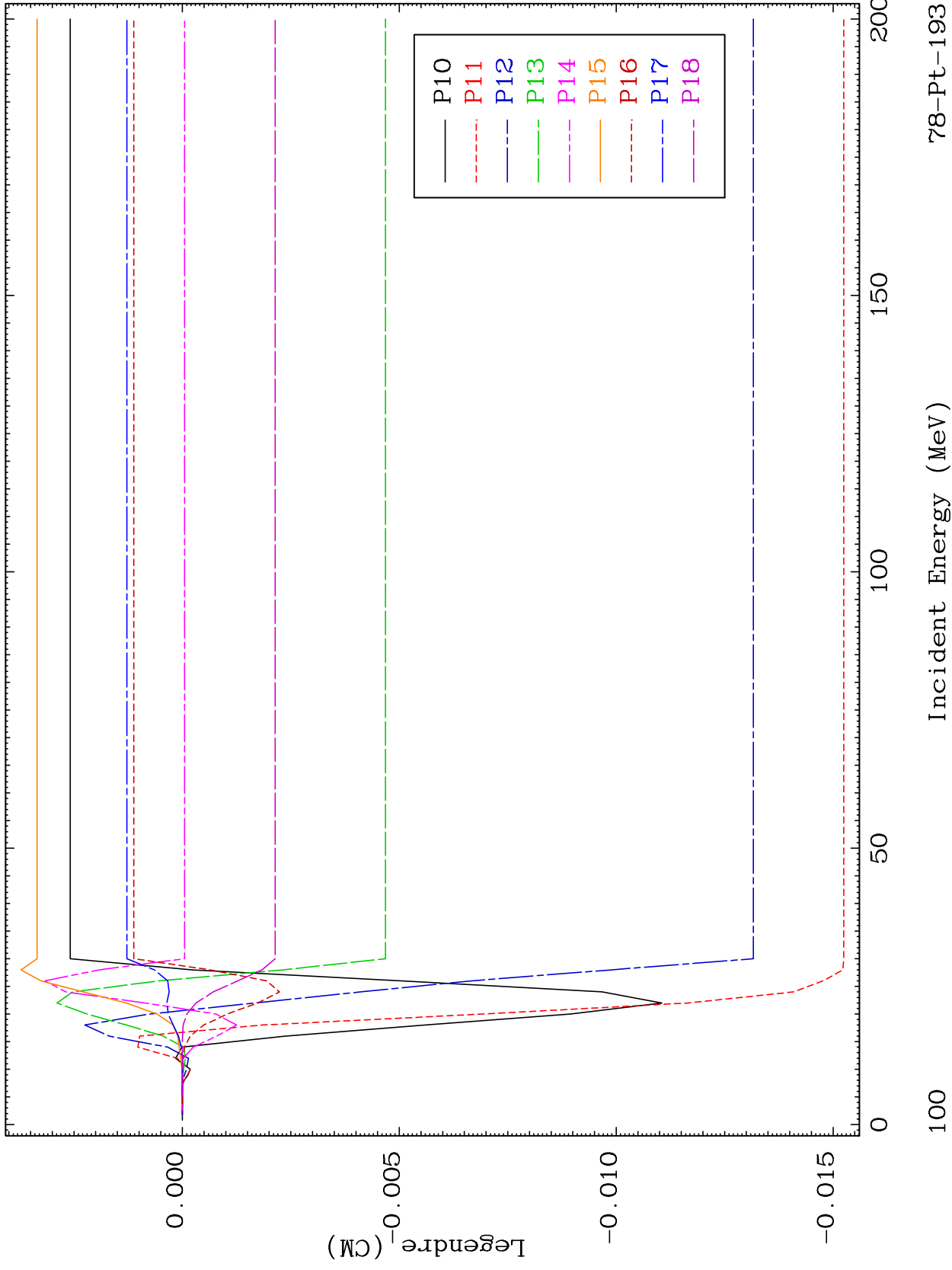
Incident Energy (MeV)

99

MAT 7834

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

78-Pt-193



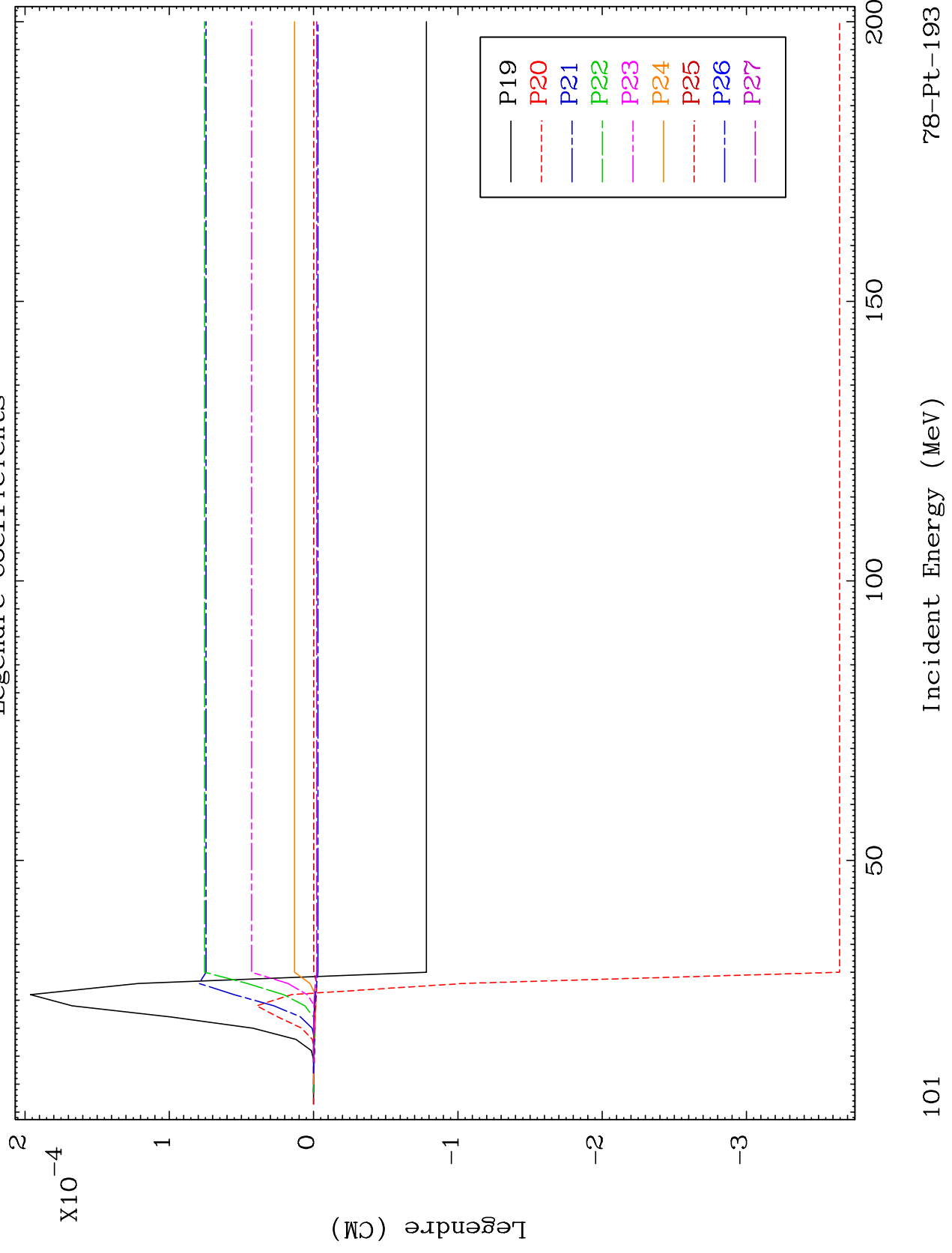
78-Pt-193

Incident Energy (MeV)

MAT 7834

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

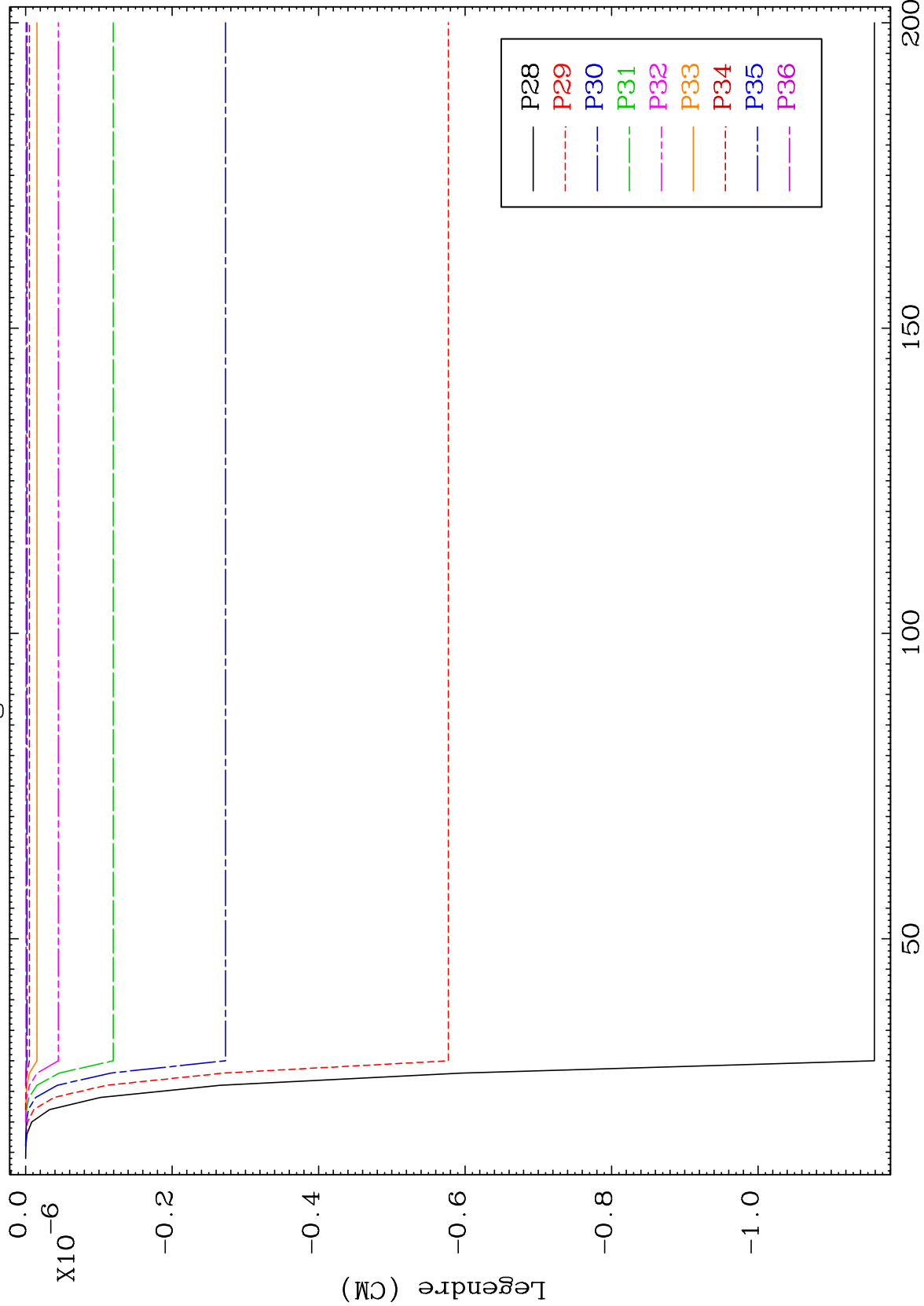
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

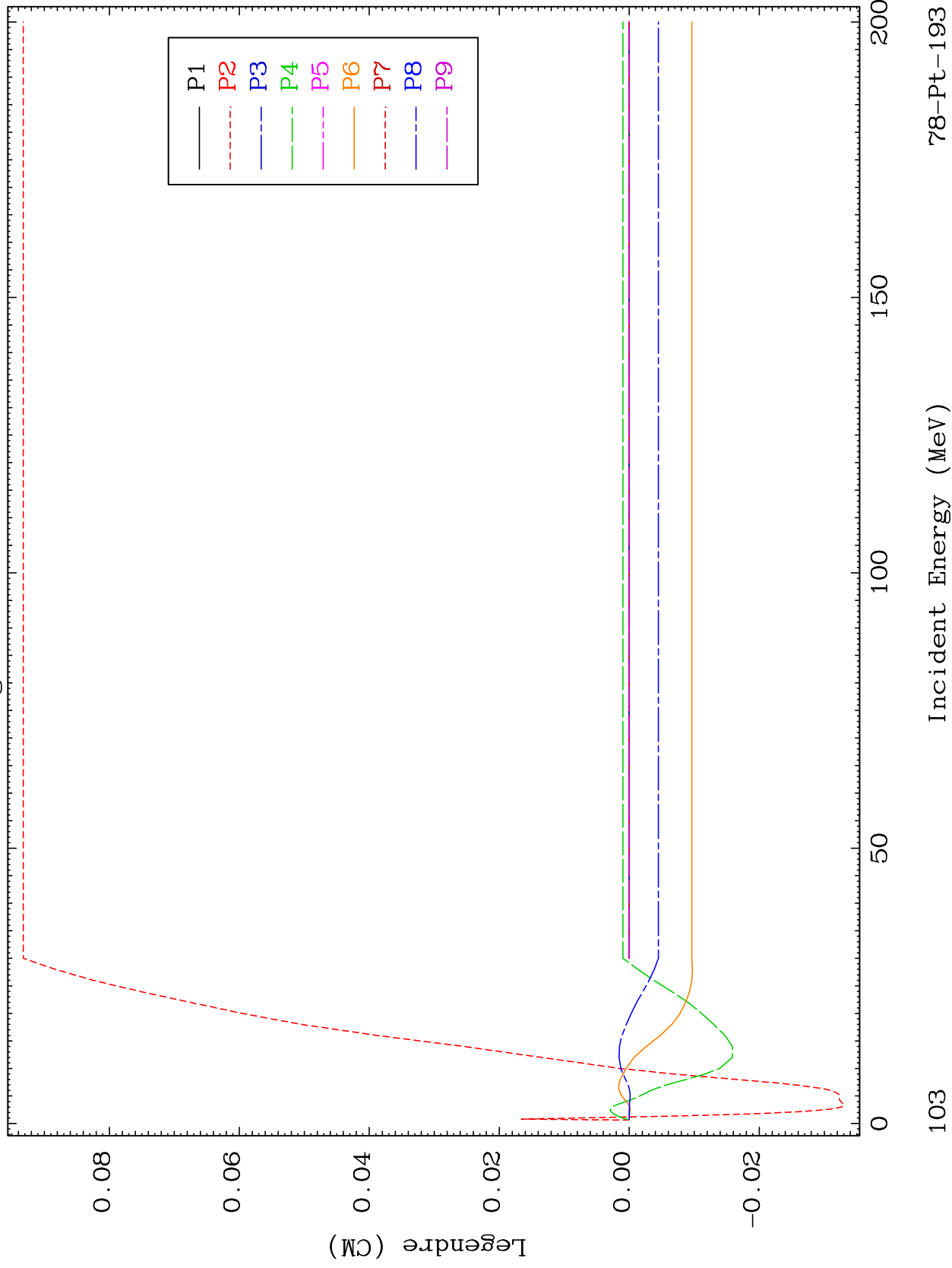
Incident Energy (MeV)

102

MAT 7834

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

78-Pt-193



78-Pt-193

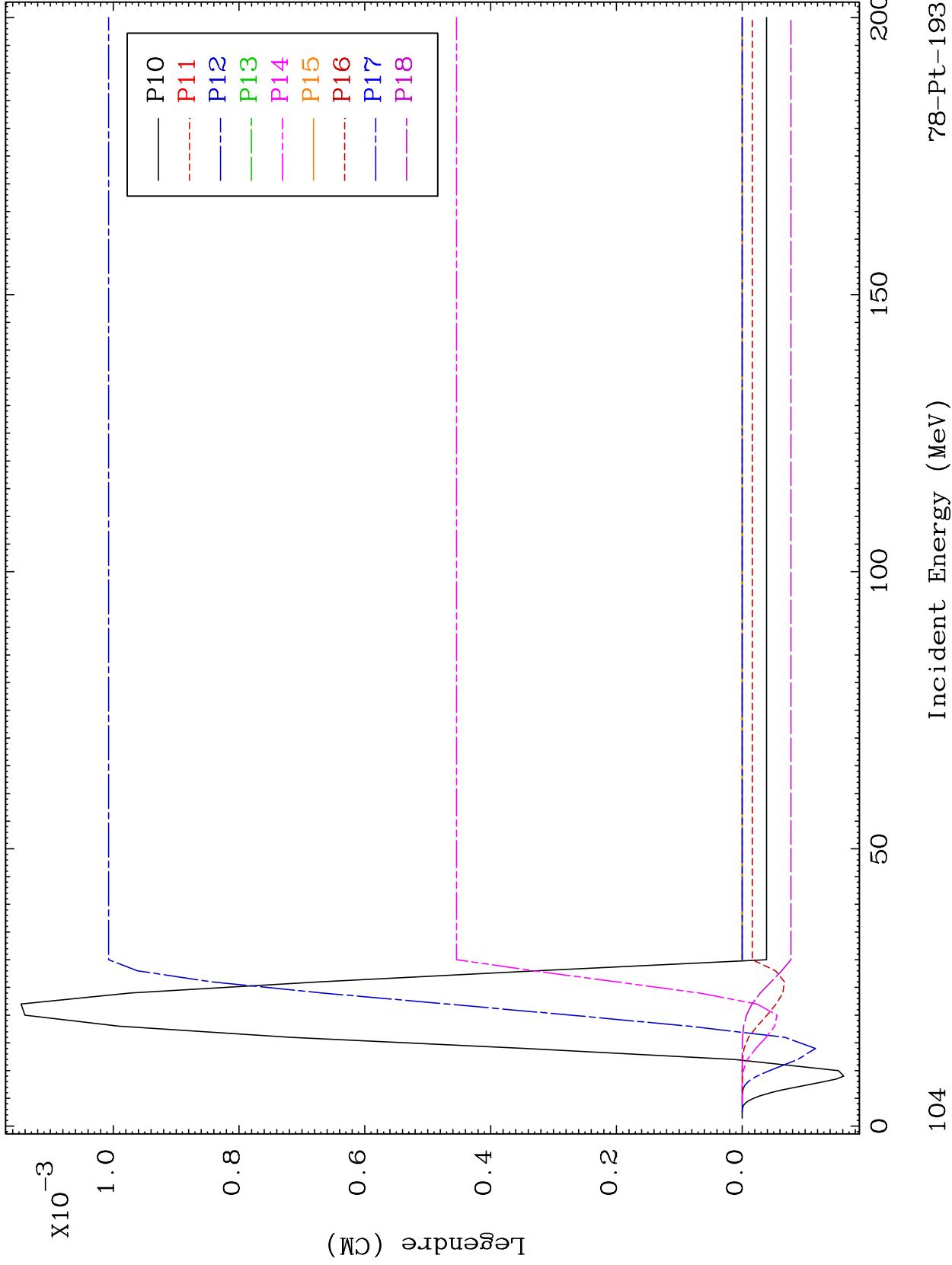
Incident Energy (MeV)

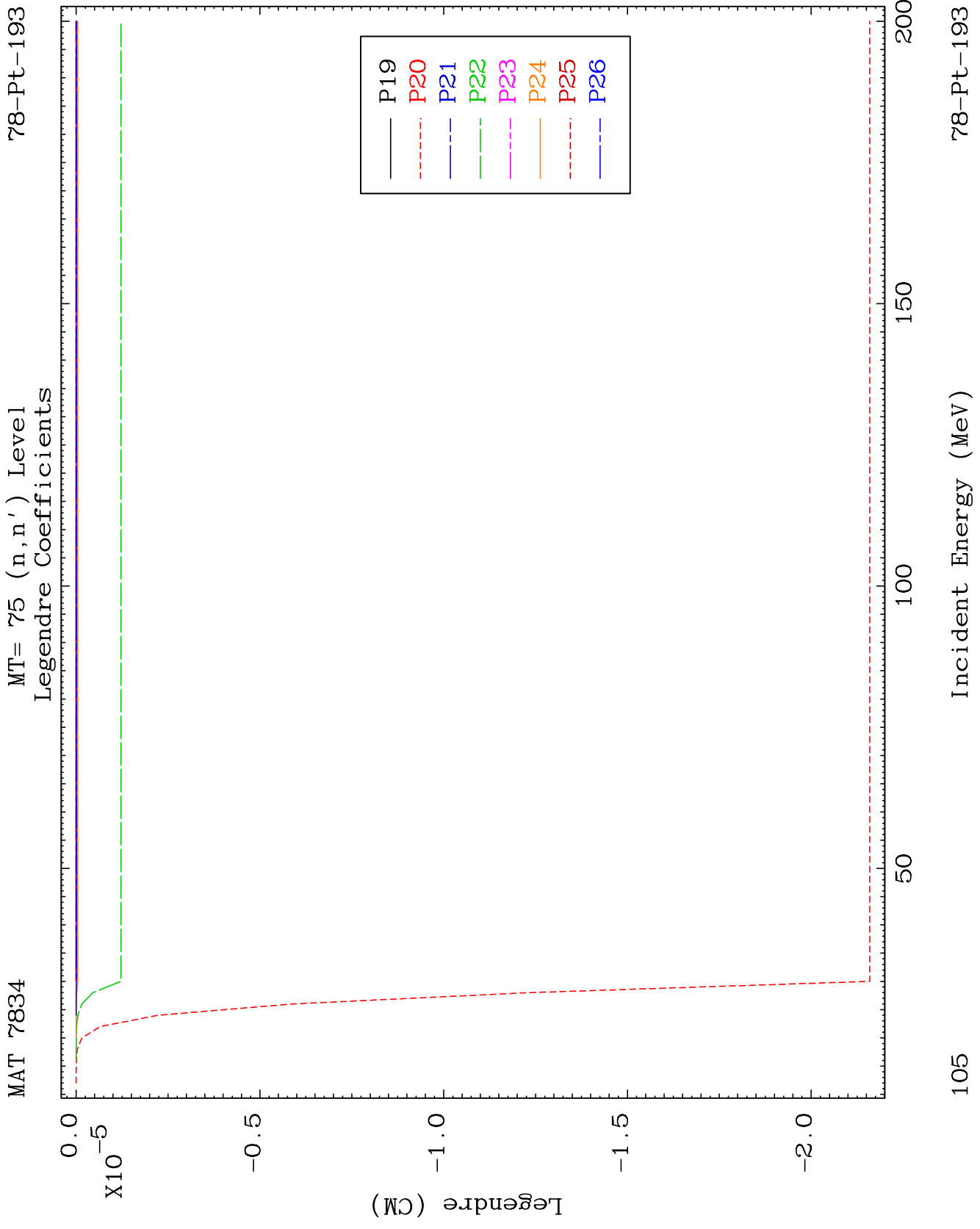
103

MAT 7834

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

78-Pt-193

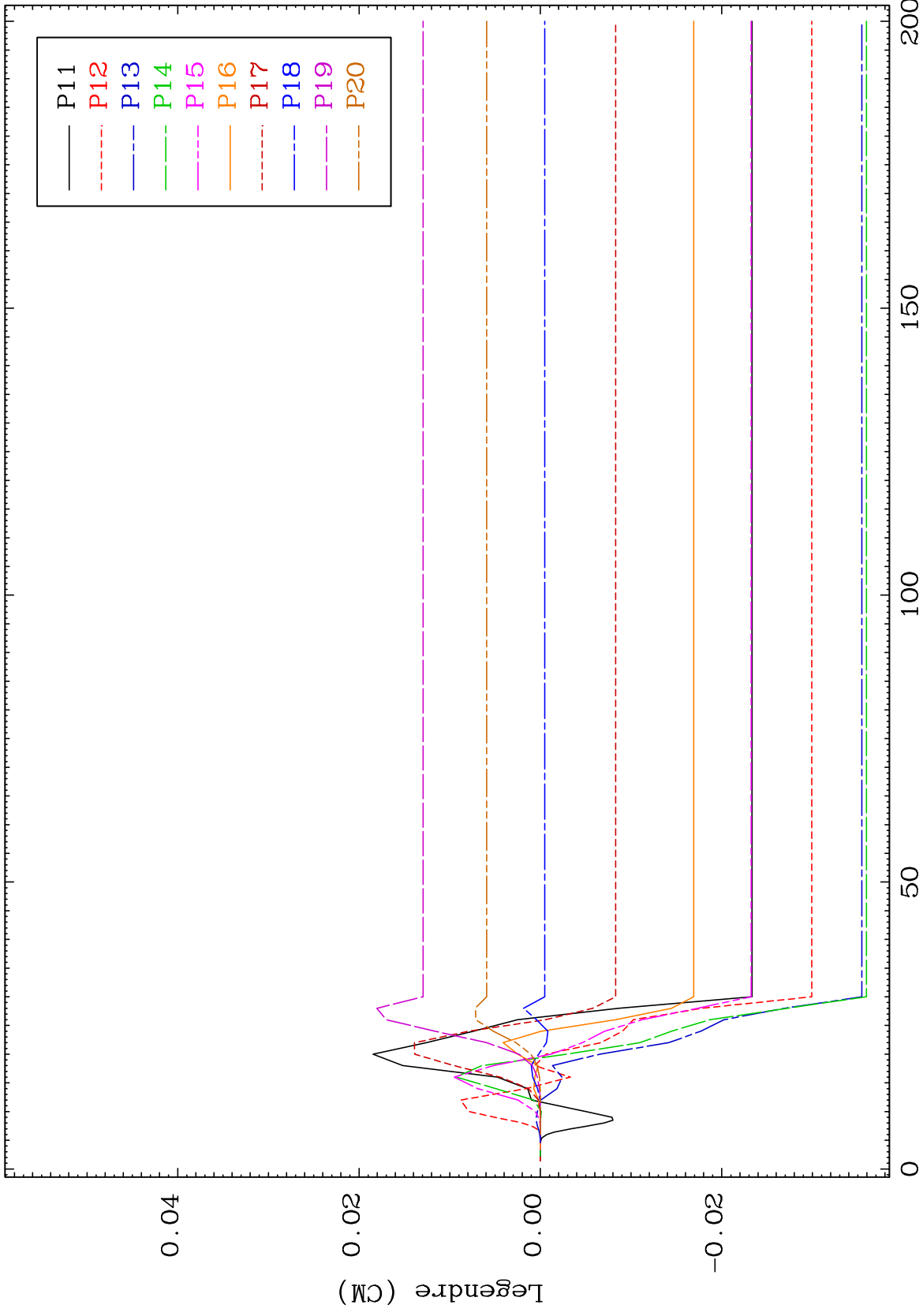




MAT 7834

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

78-Pt-193



107

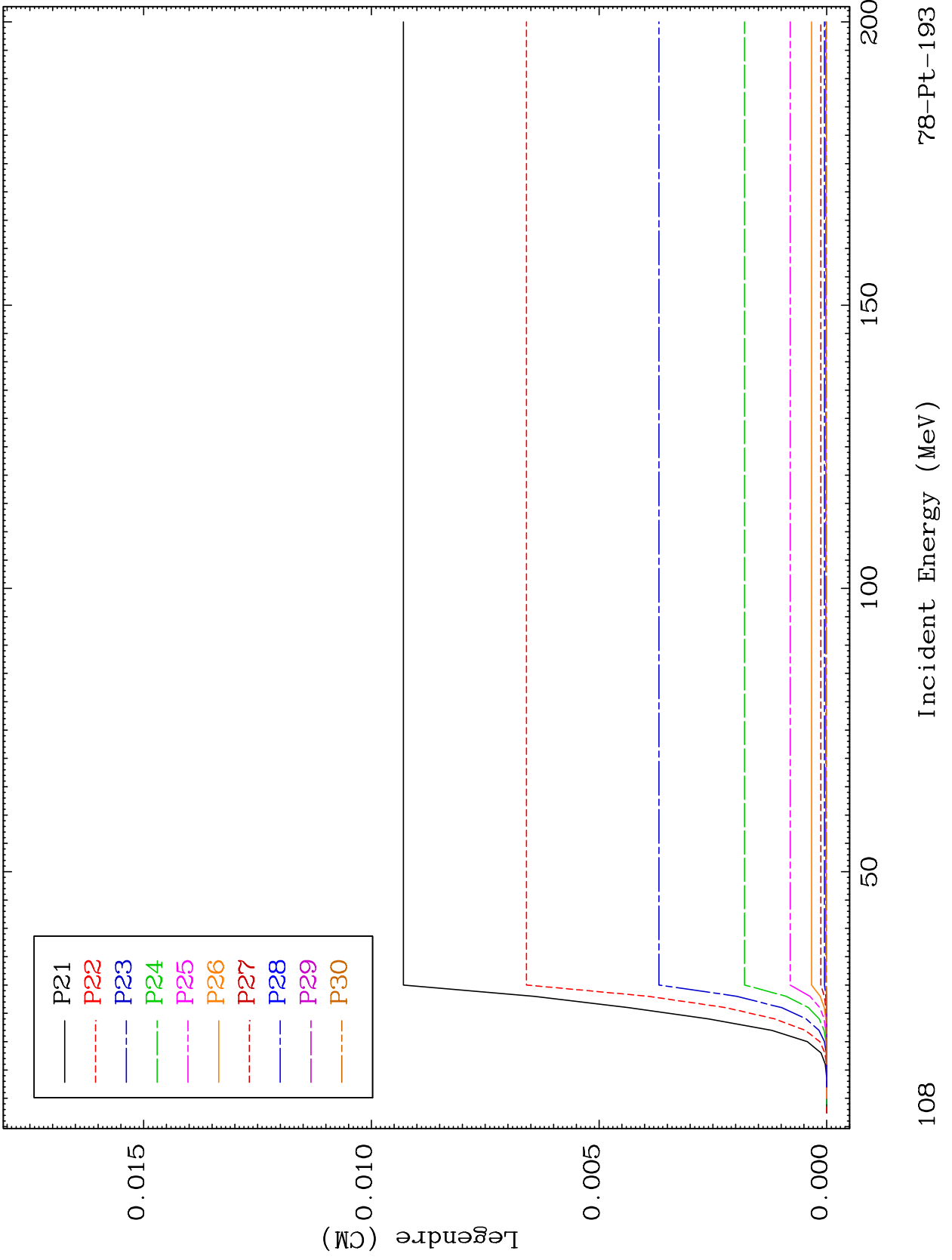
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



108

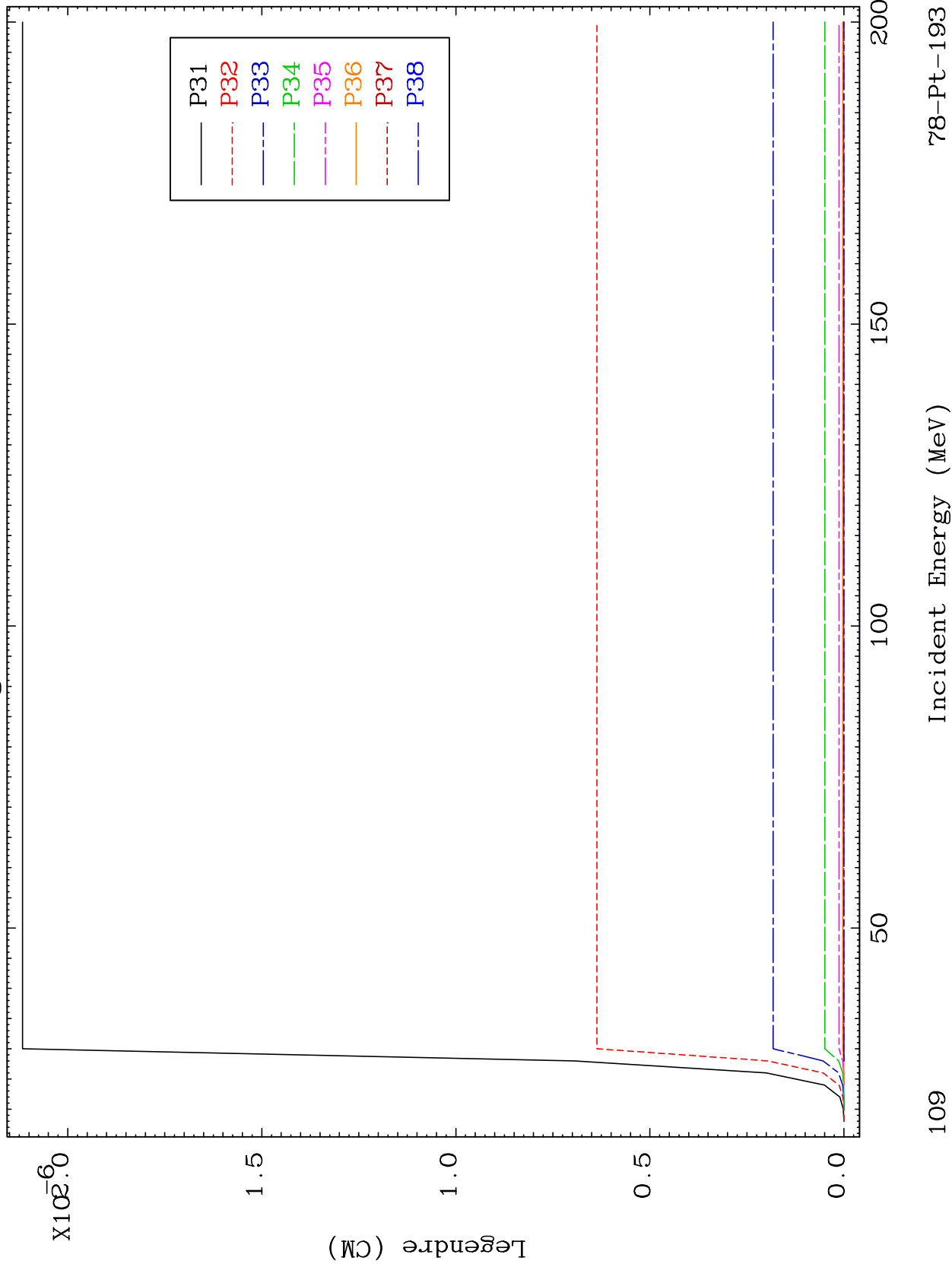
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



109

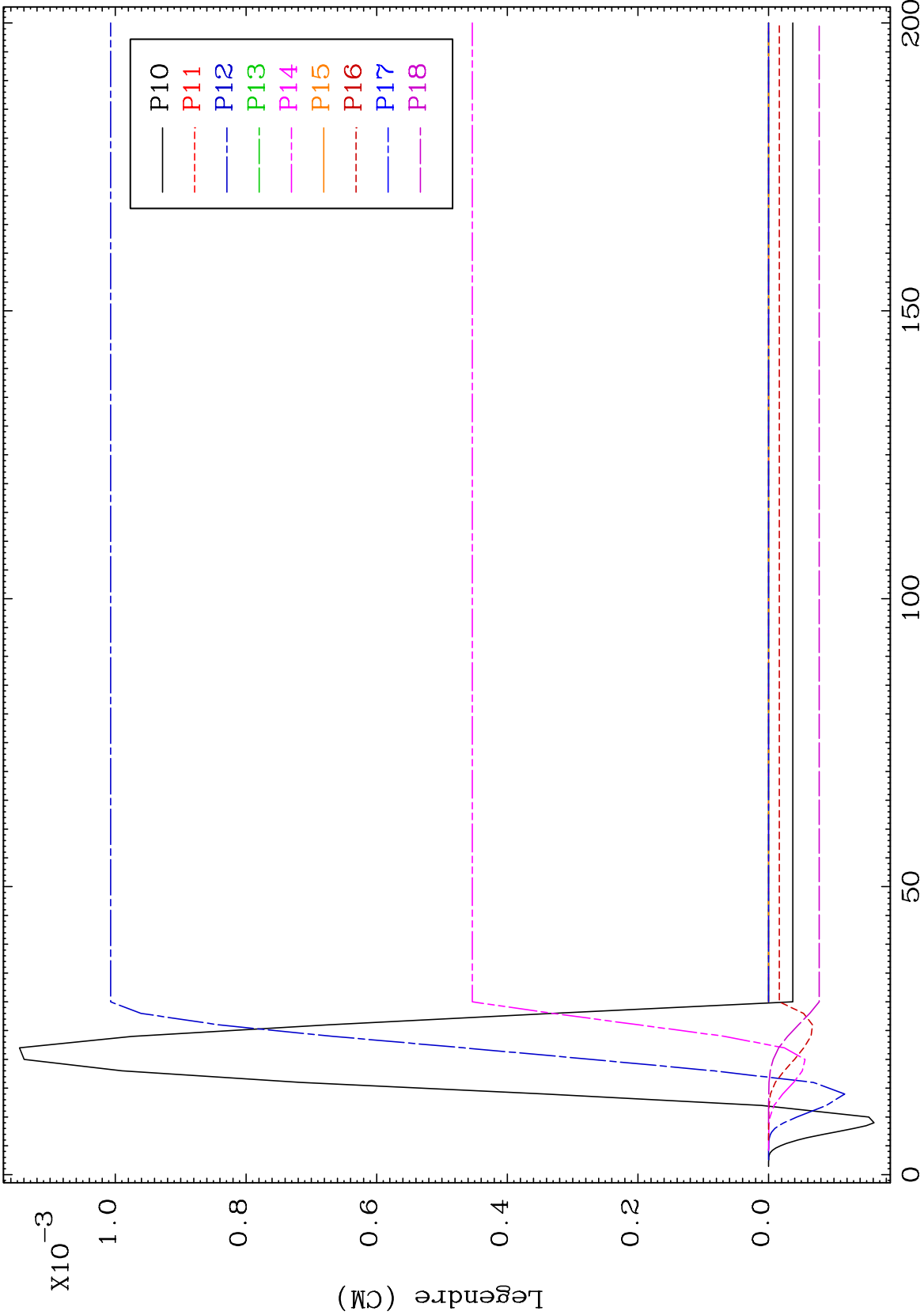
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

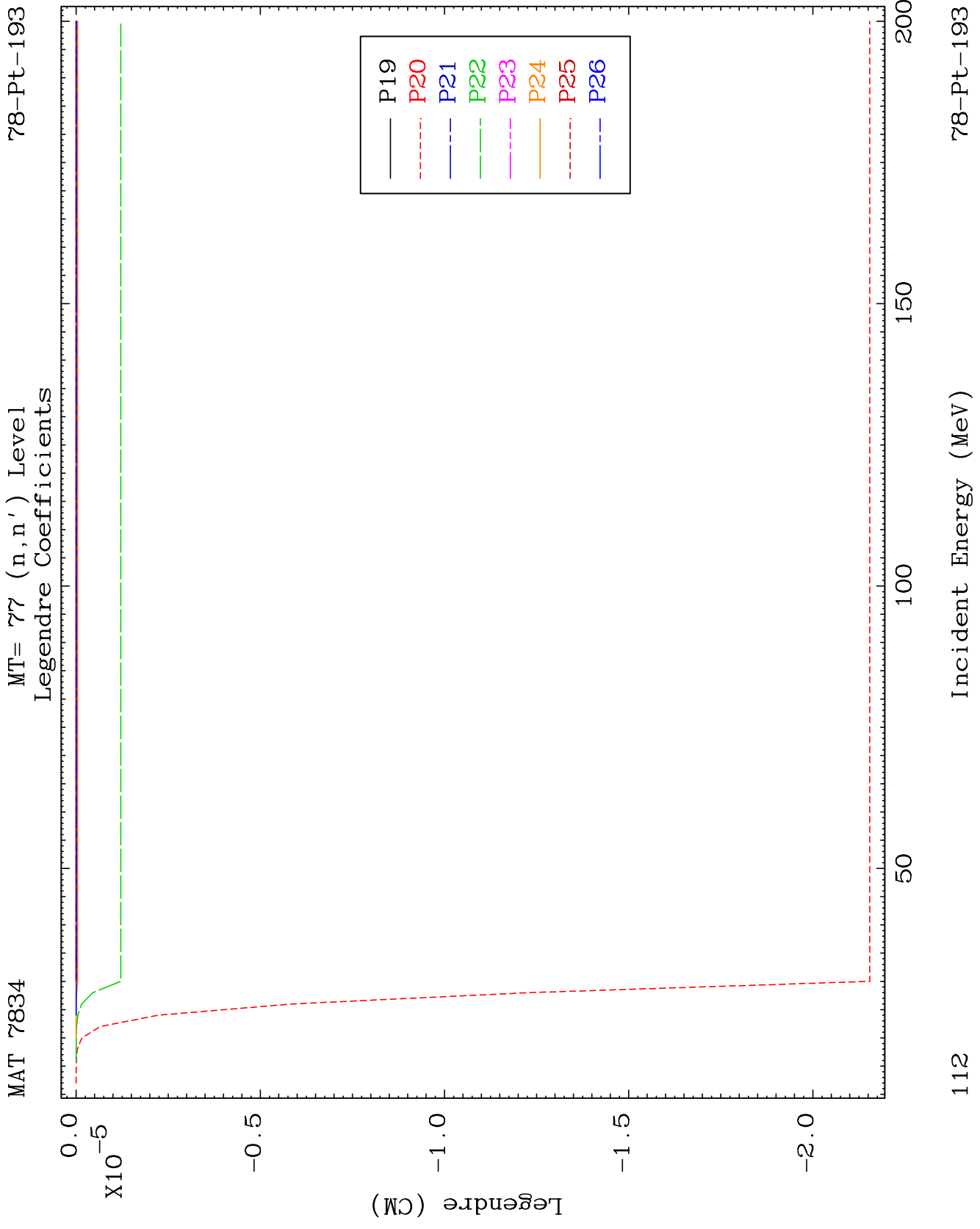
78-Pt-193

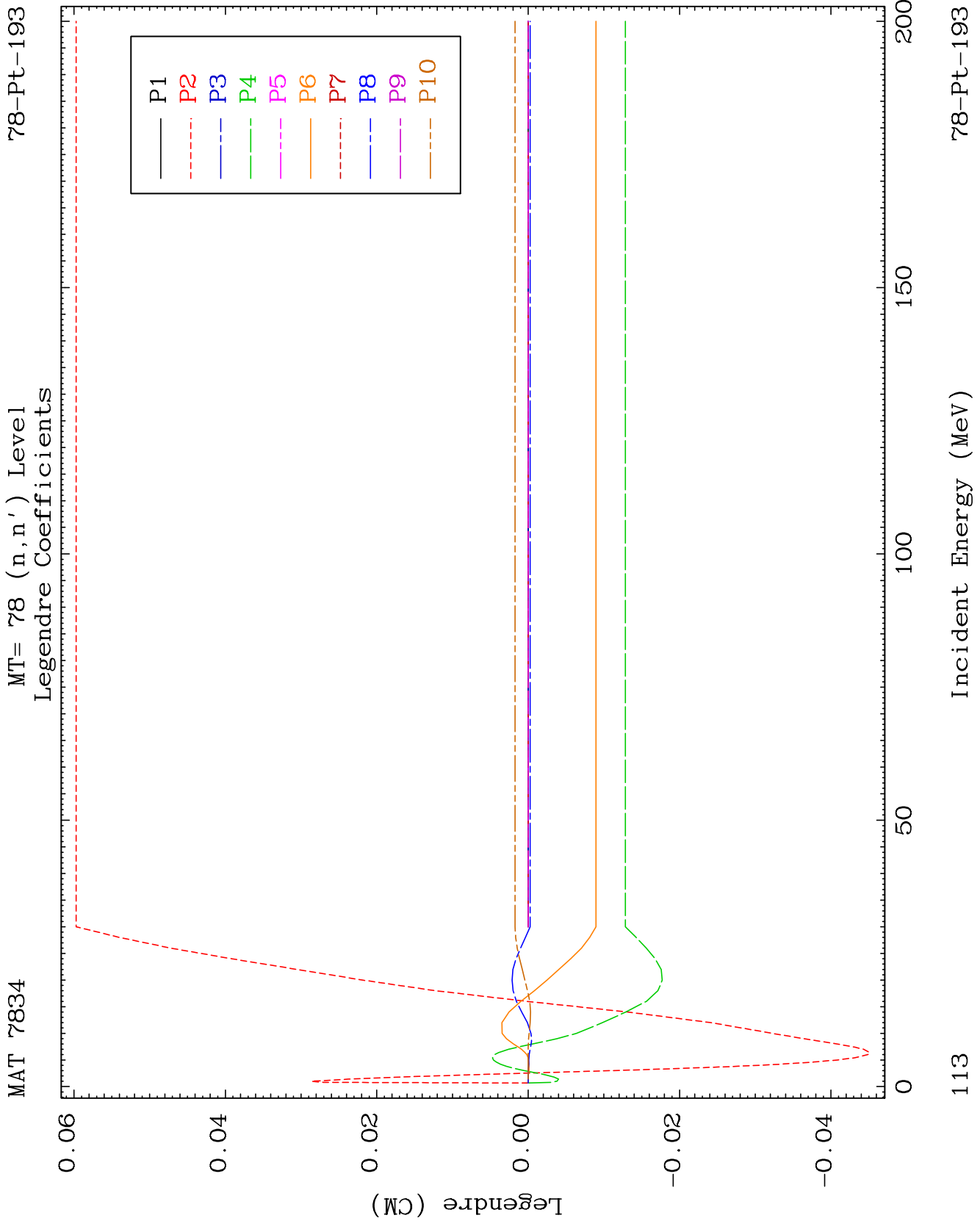


111

Incident Energy (MeV)

78-Pt-193

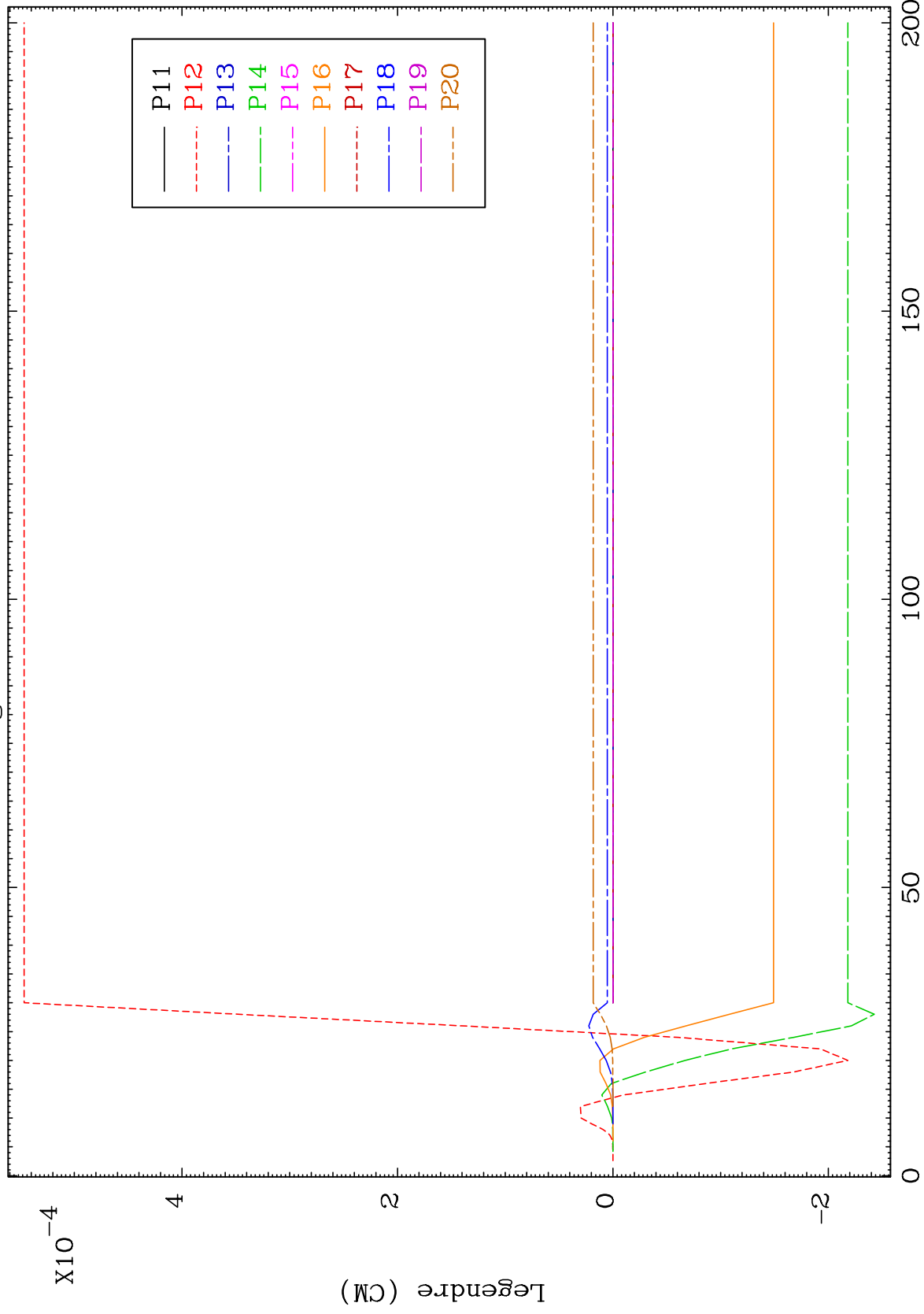




MAT 7834

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

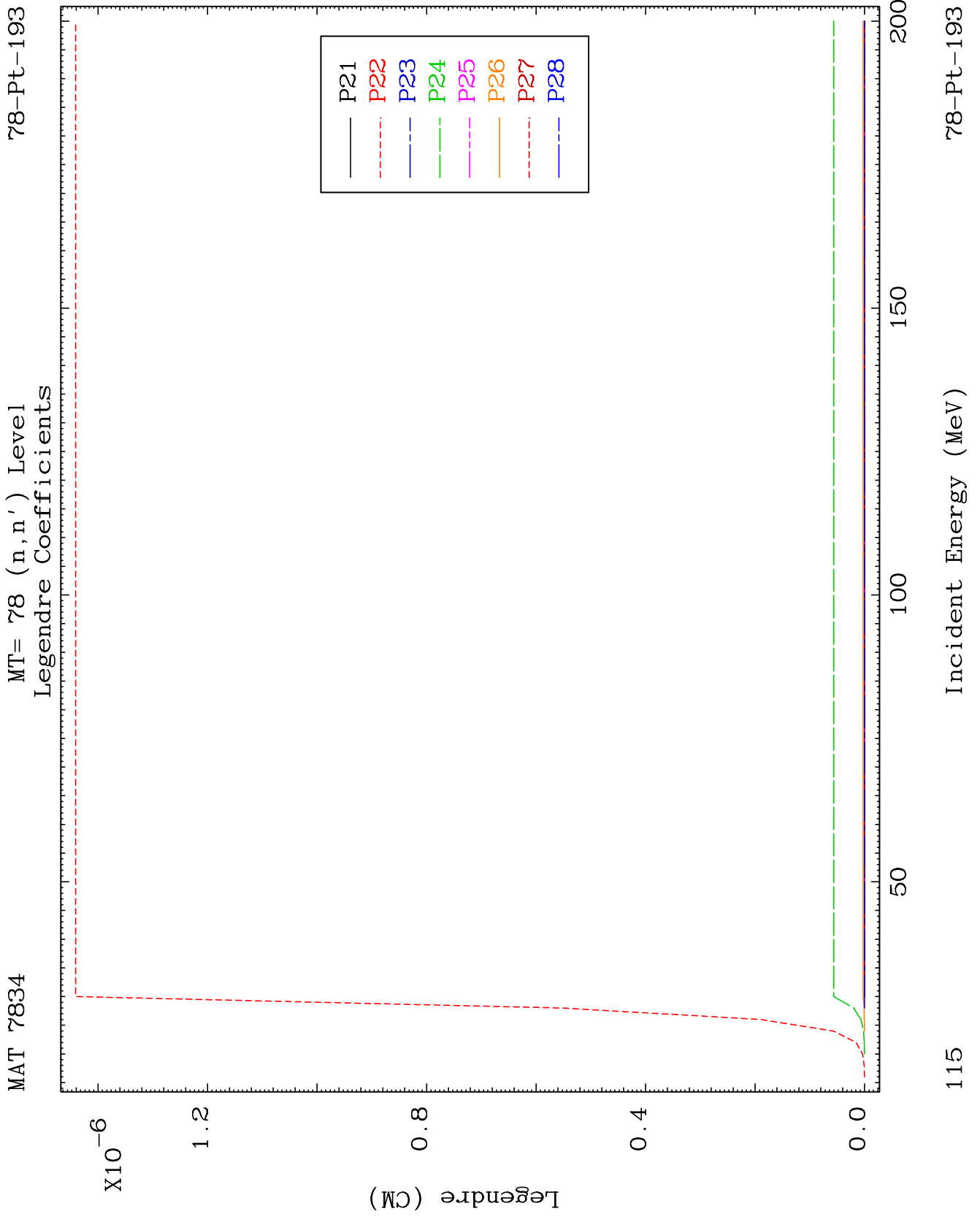
78-Pt-193

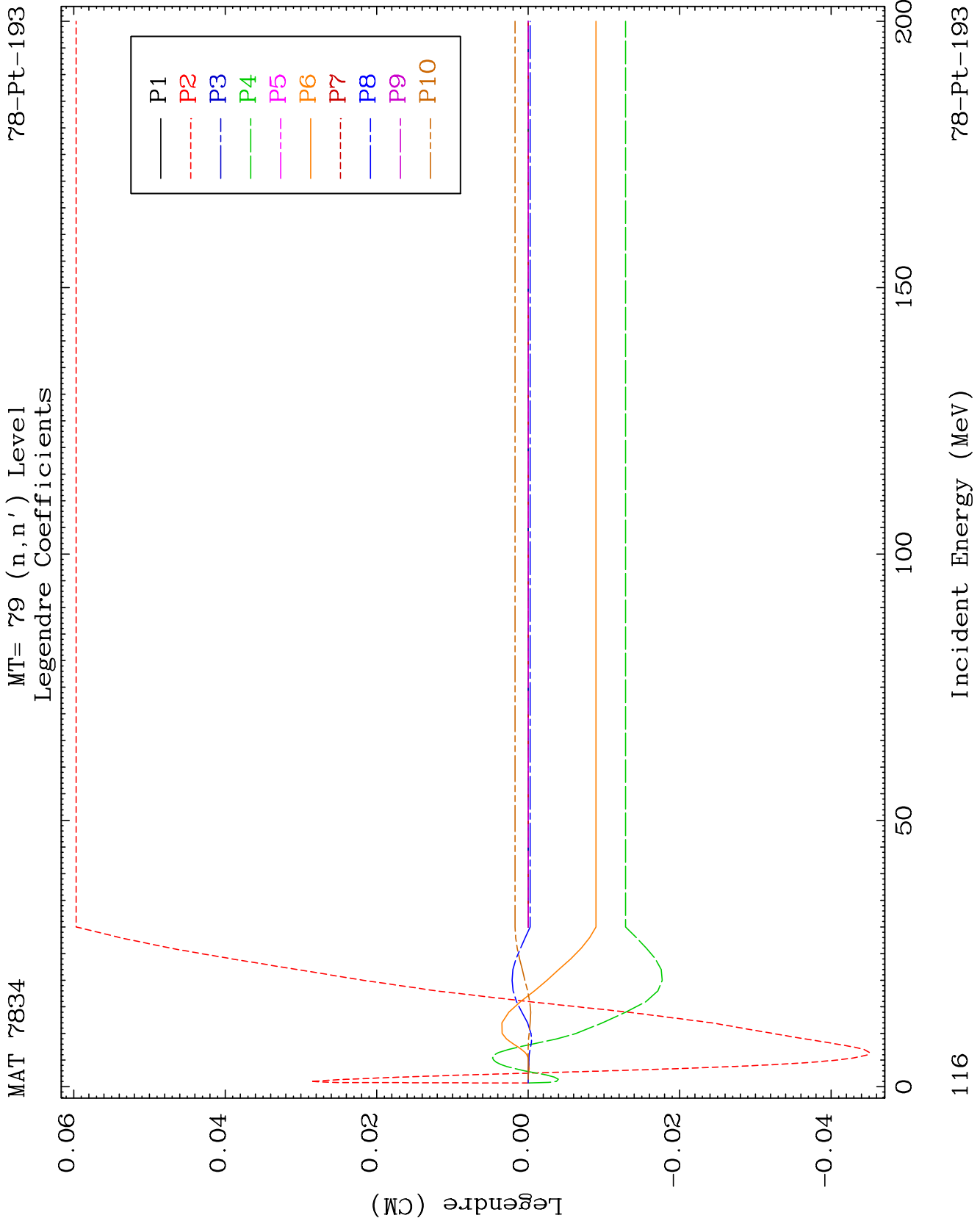


114

Incident Energy (MeV)

78-Pt-193





78-Pt-193

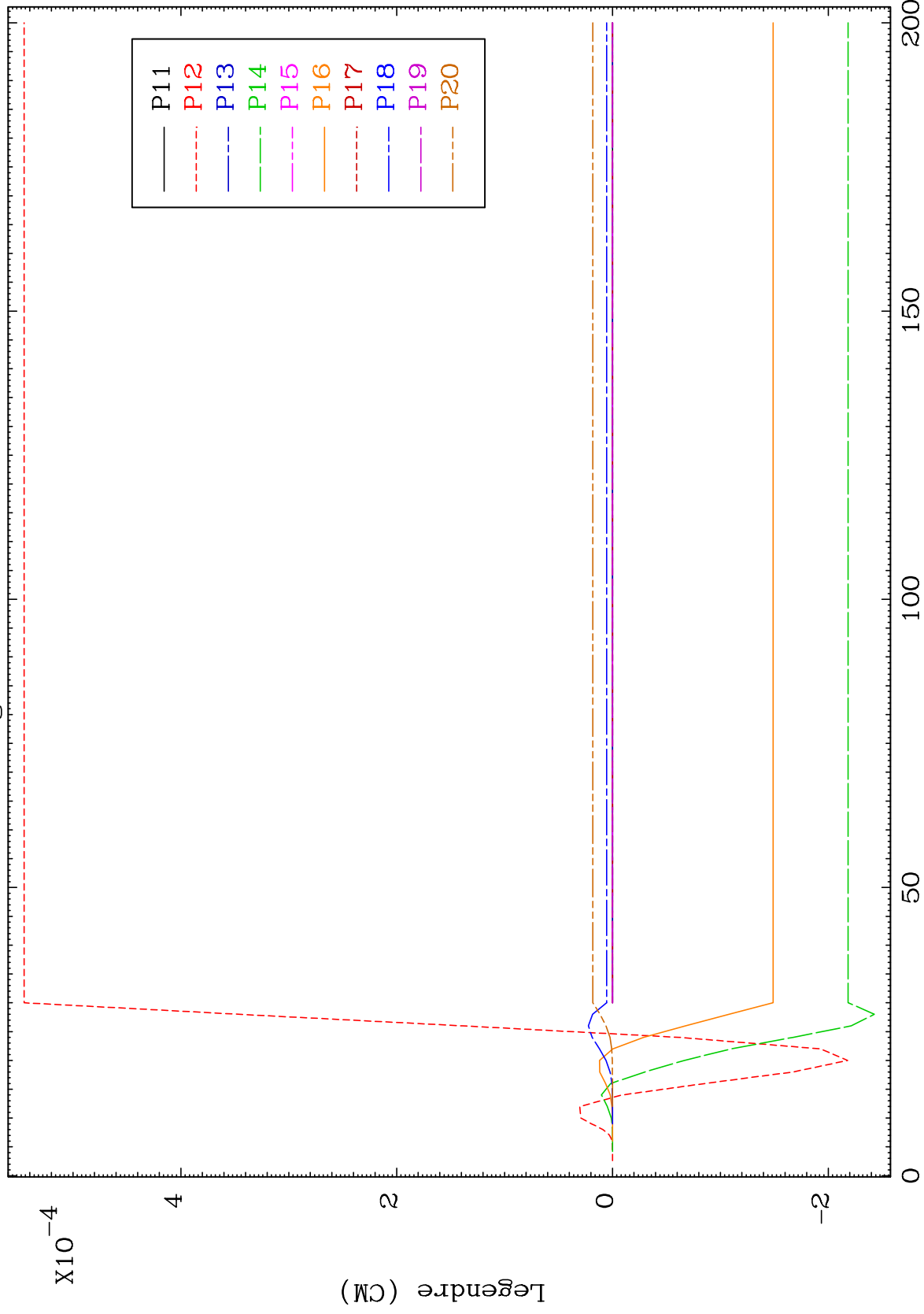
Incident Energy (MeV)

116

MAT 7834

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

78-Pt-193



117

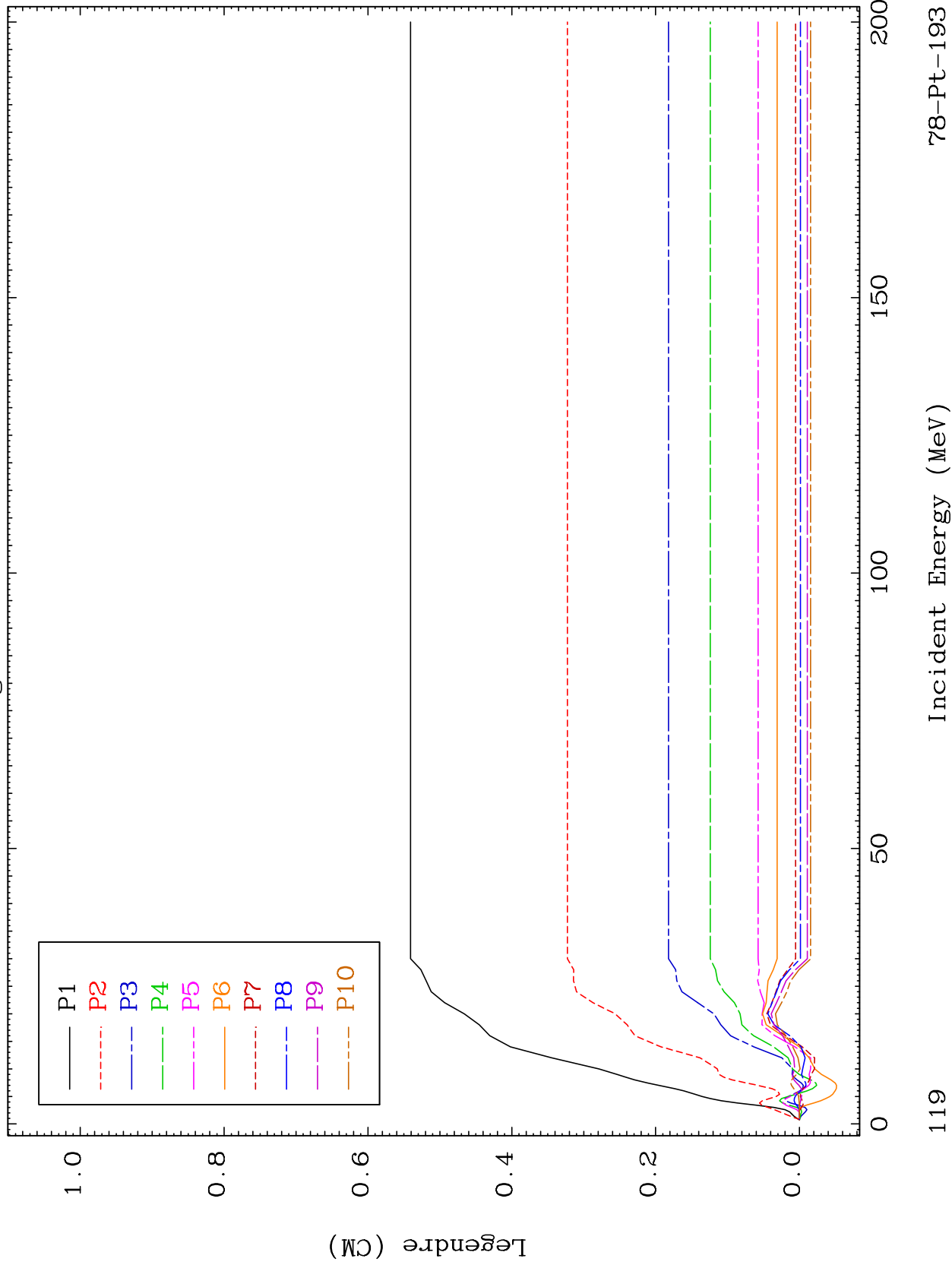
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

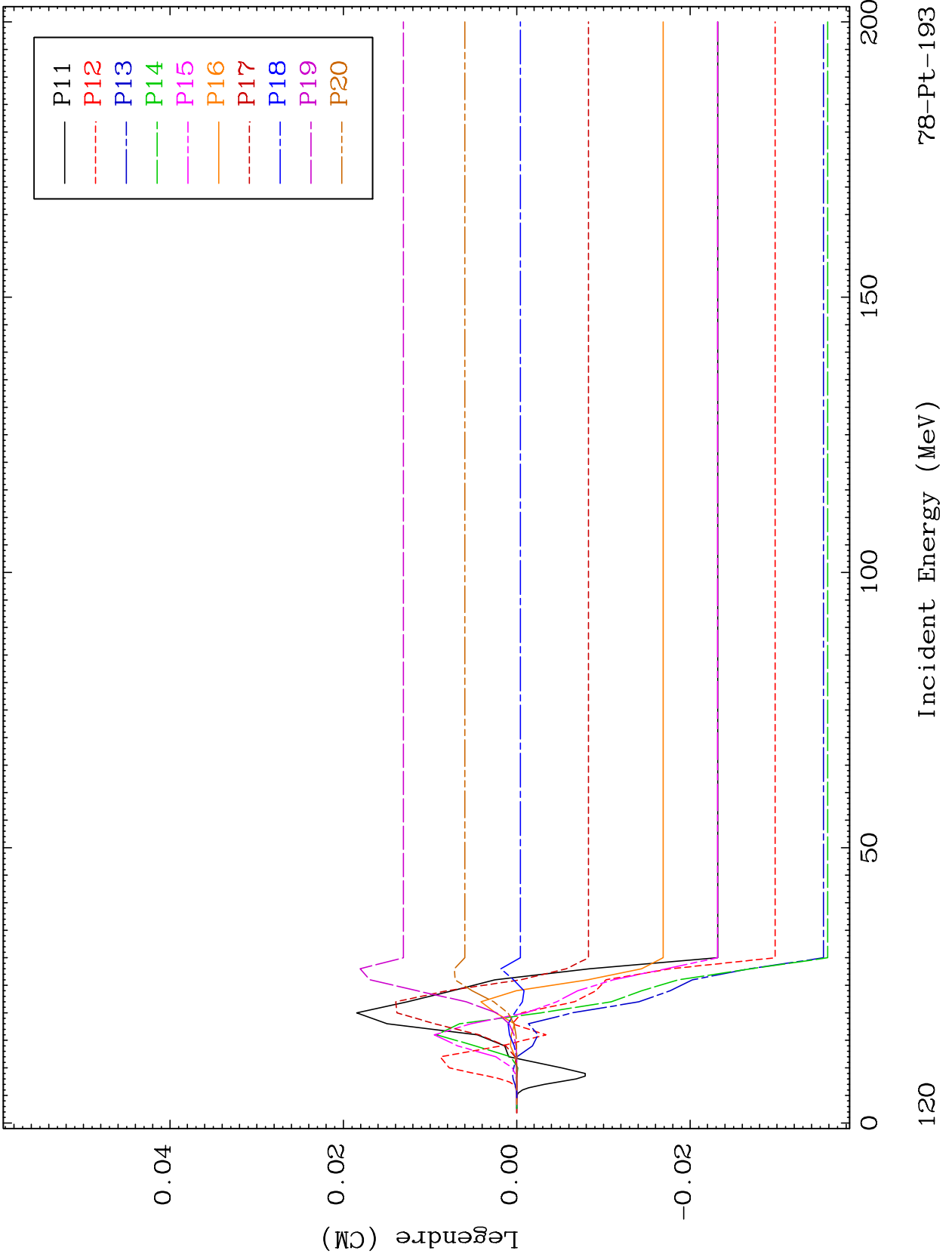
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

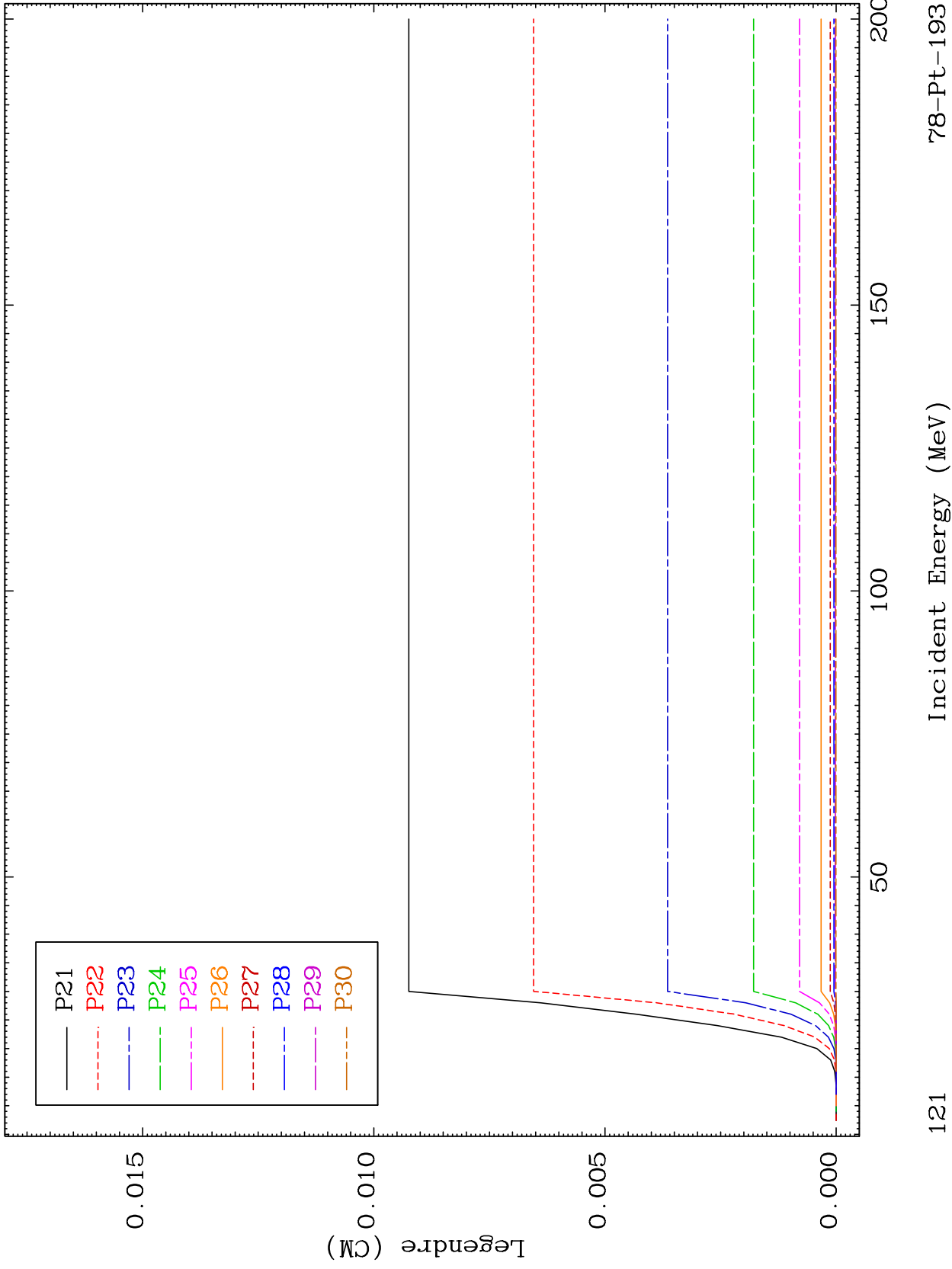
Incident Energy (MeV)

120

MAT 7834

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

78-Pt-193



121

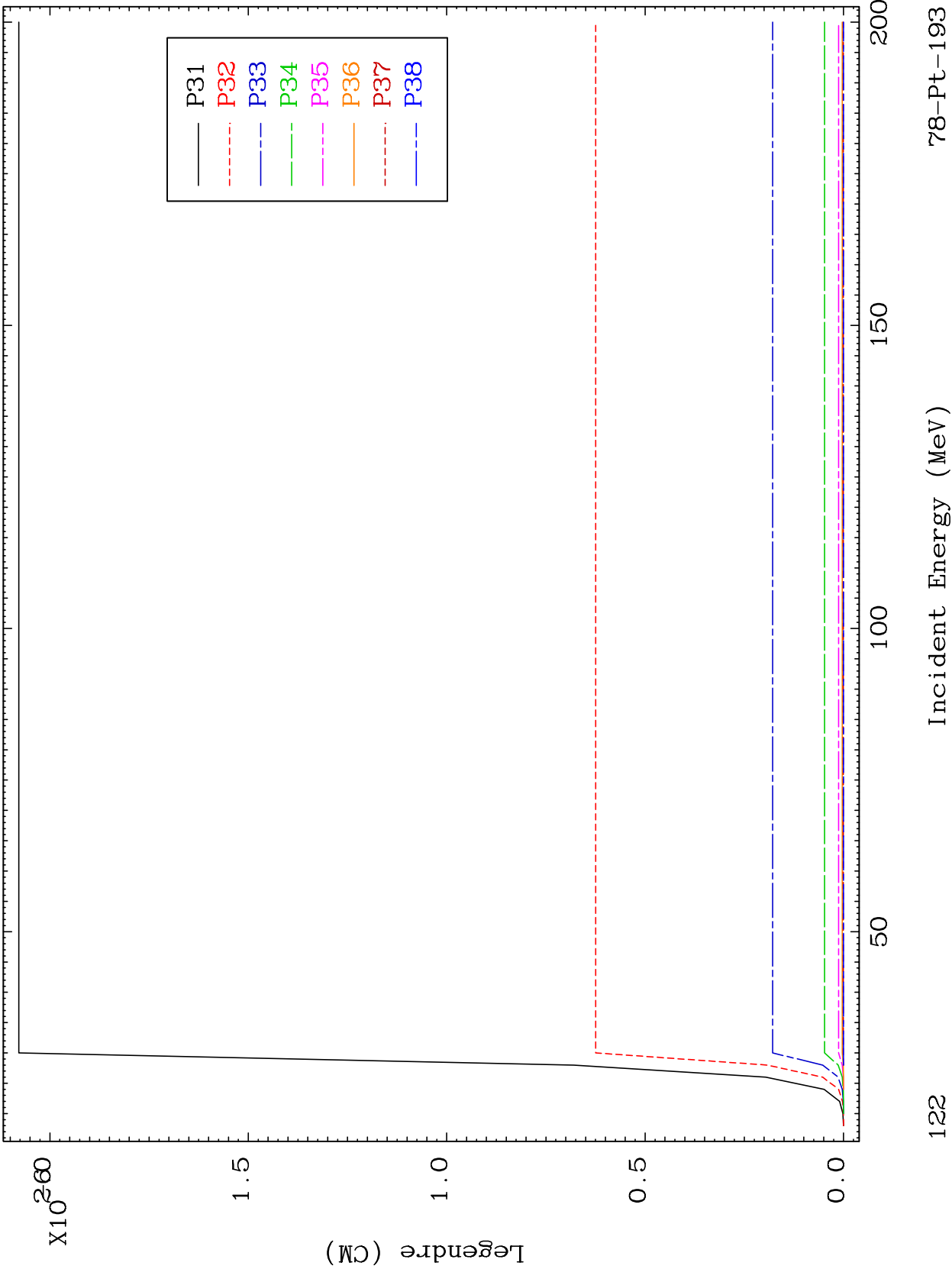
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



122

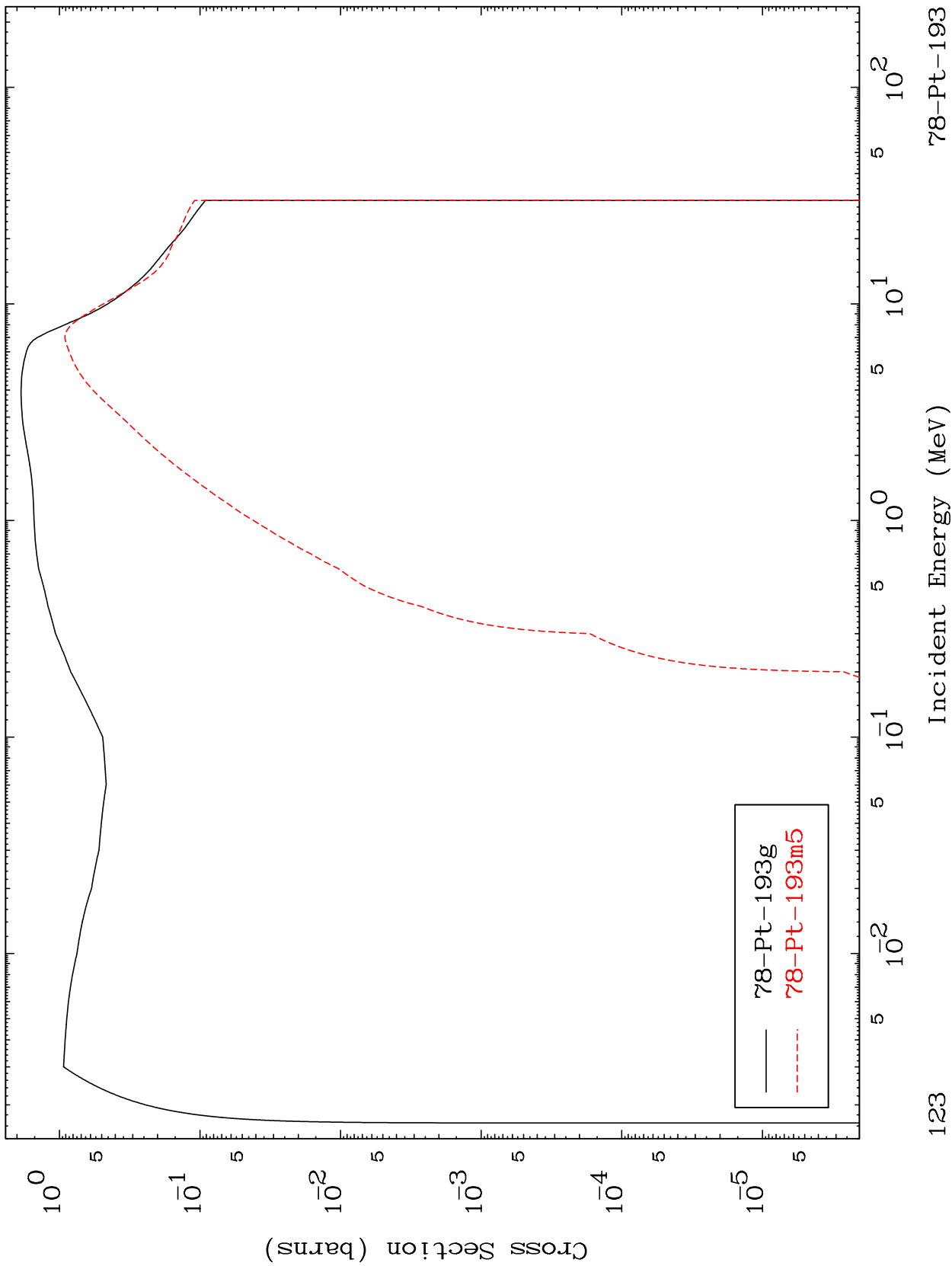
Incident Energy (MeV)

78-Pt-193

MAT 7834

78-Pt-193

Inelastic
Radionuclide Production Cross Section

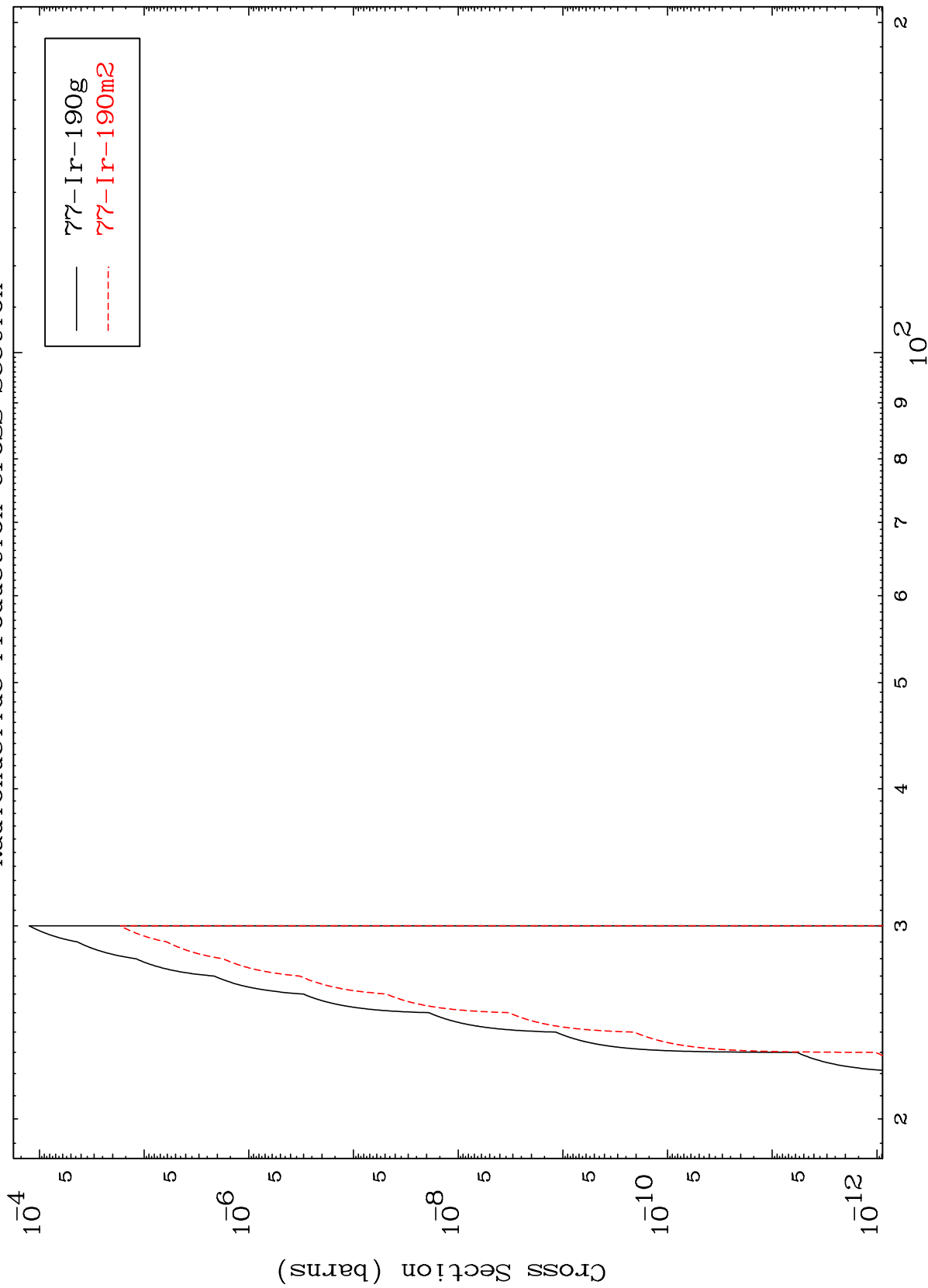


MAT 7834

(n,2n) d

78-Pt-193

Radionuclide Production Cross Section



77-Ir-190g
77-Ir-190m2

124

Incident Energy (MeV)

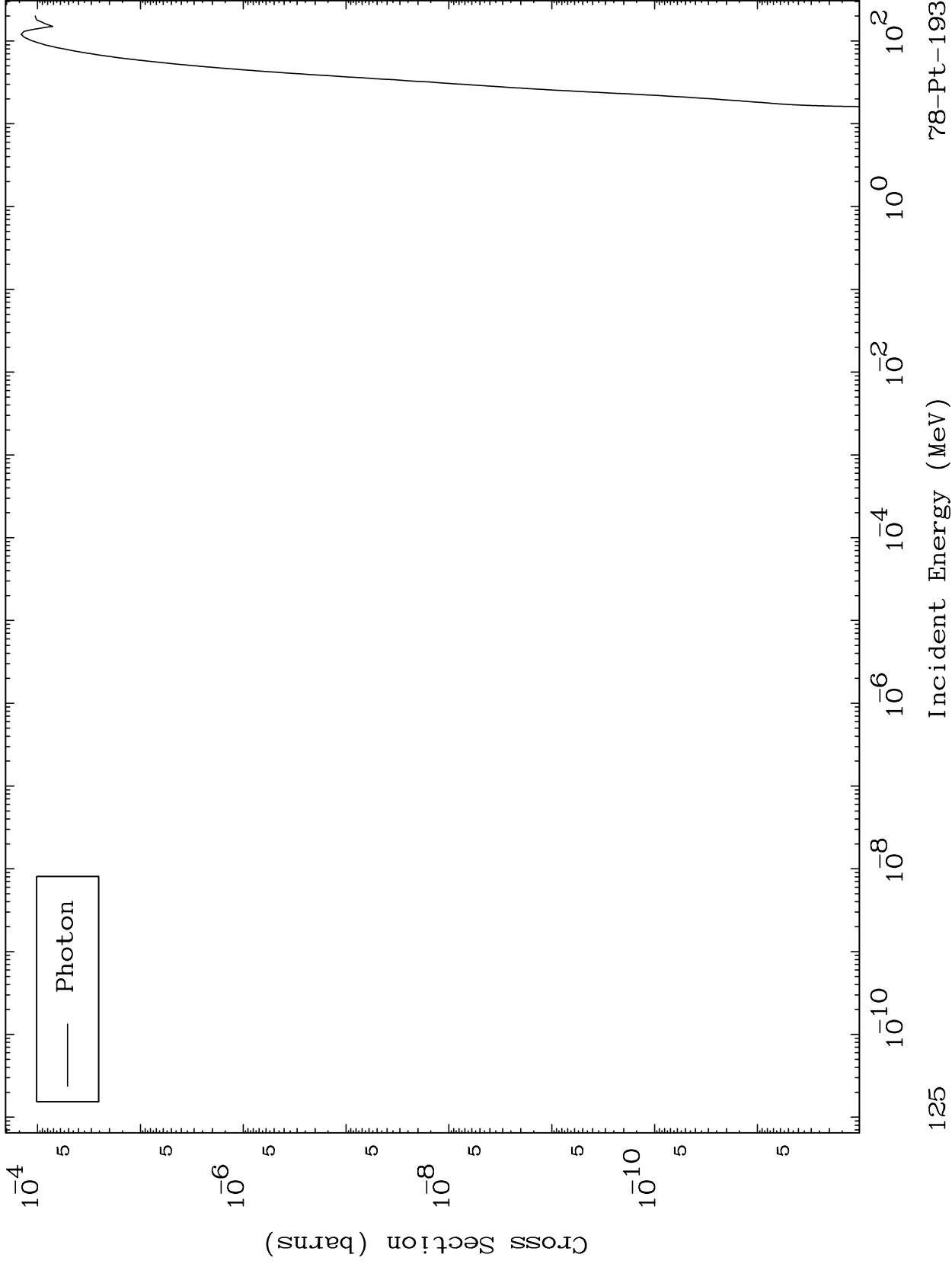
78-Pt-193

MAT 7834

Fission

78-Pt-193

Radionuclide Production Cross Section



125

Incident Energy (MeV)

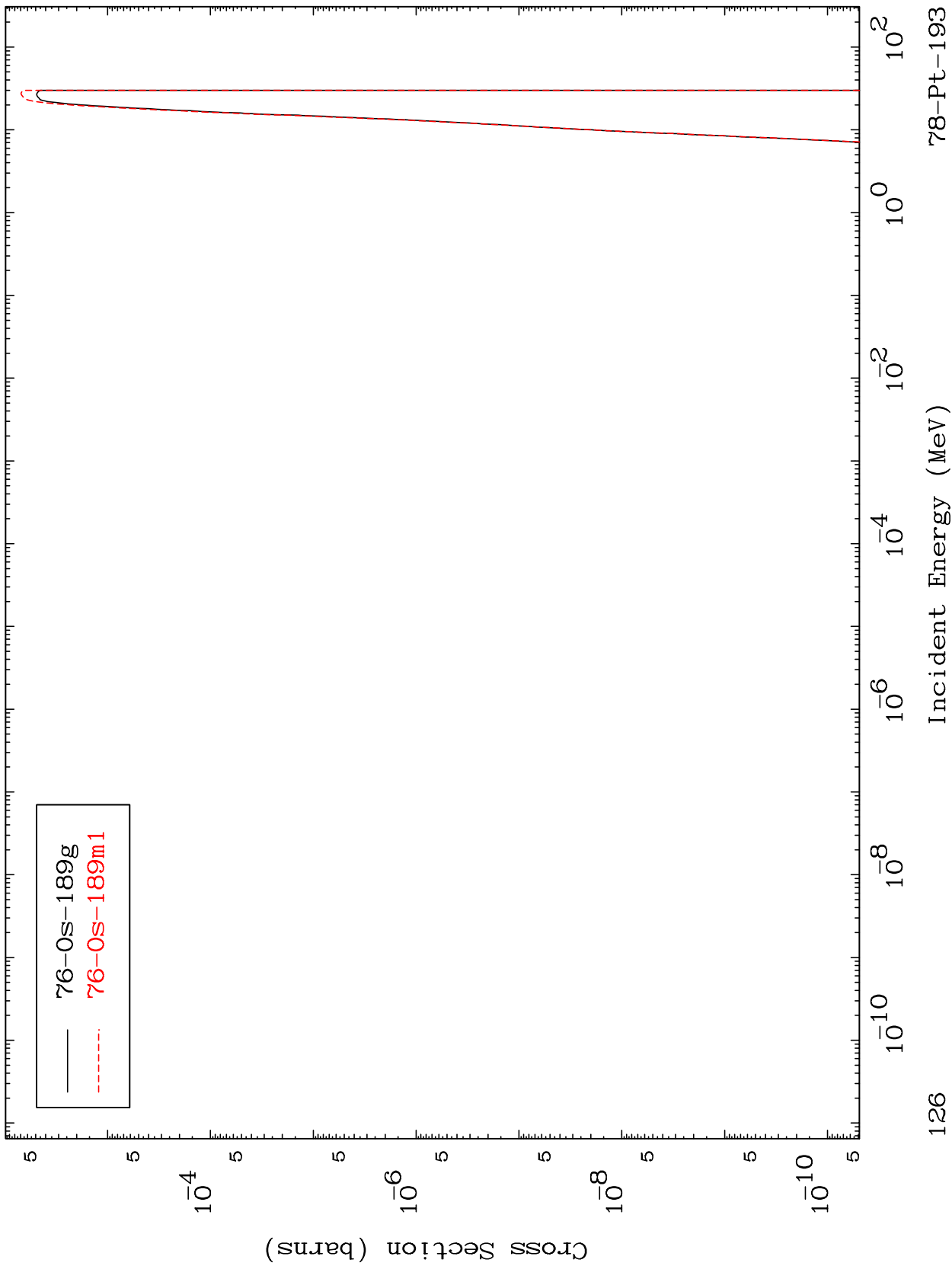
78-Pt-193

MAT 7834

$(n, n') \alpha$

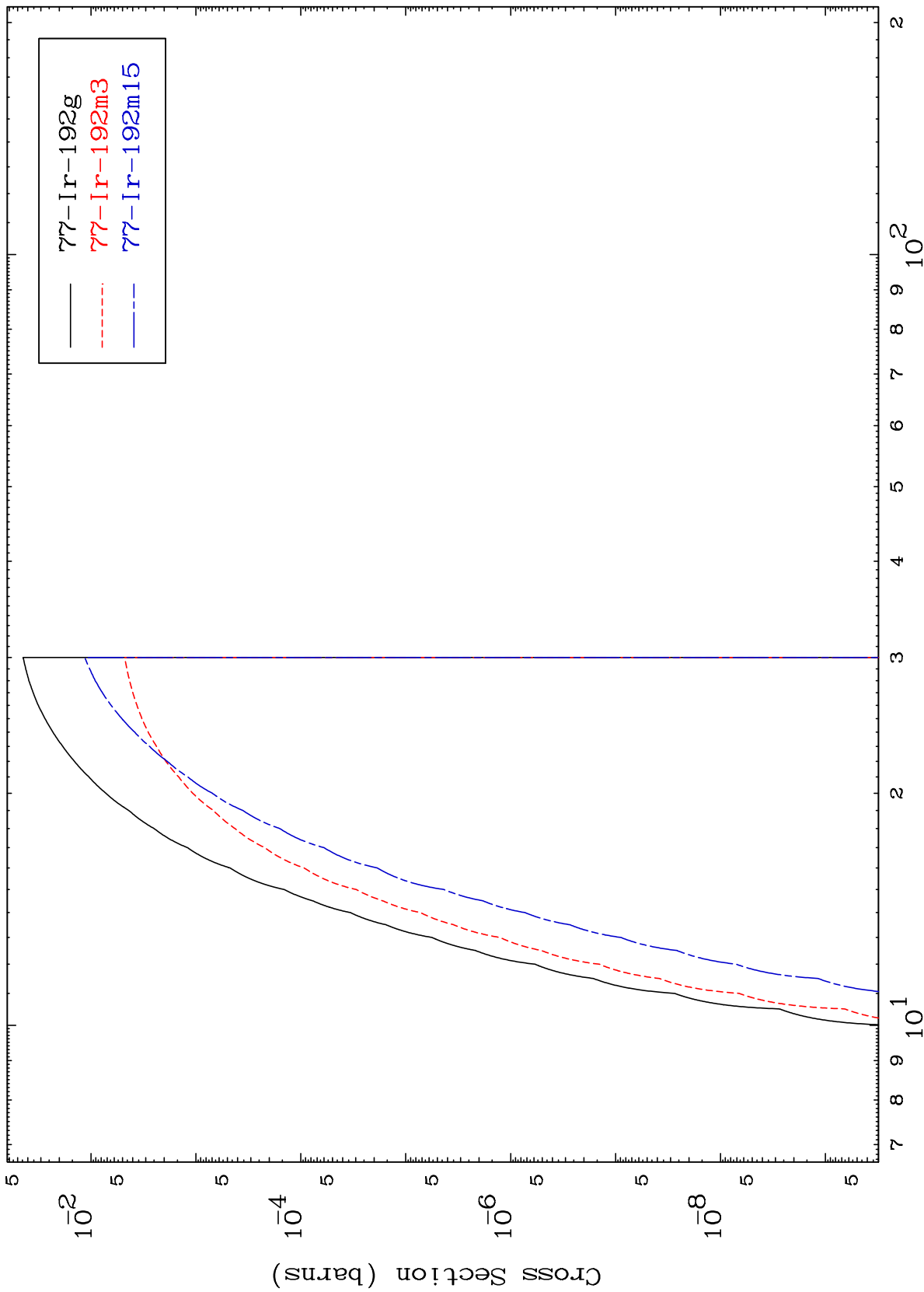
78-Pt-193

Radionuclide Production Cross Section

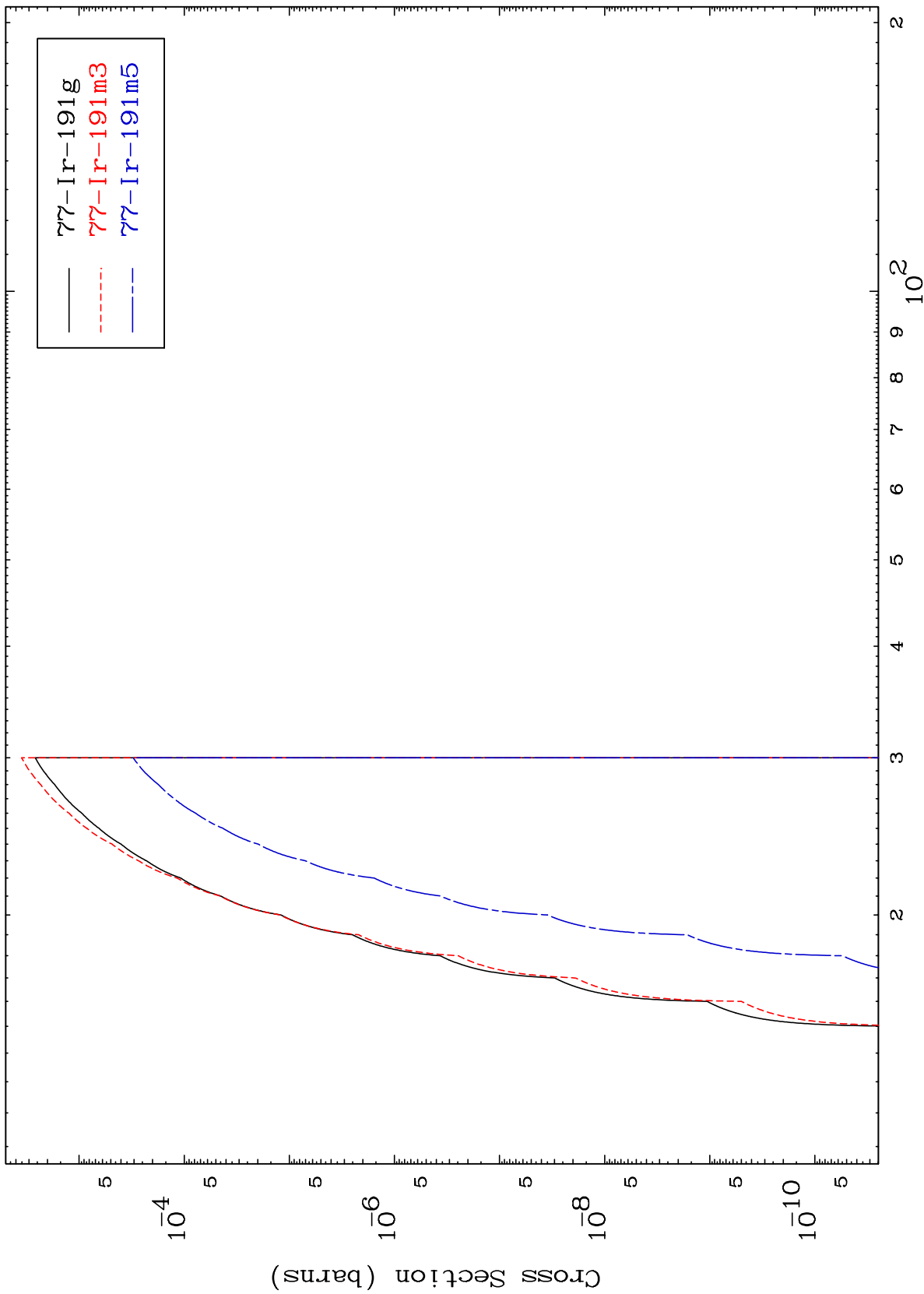


76-0s-189g
76-0s-189m1

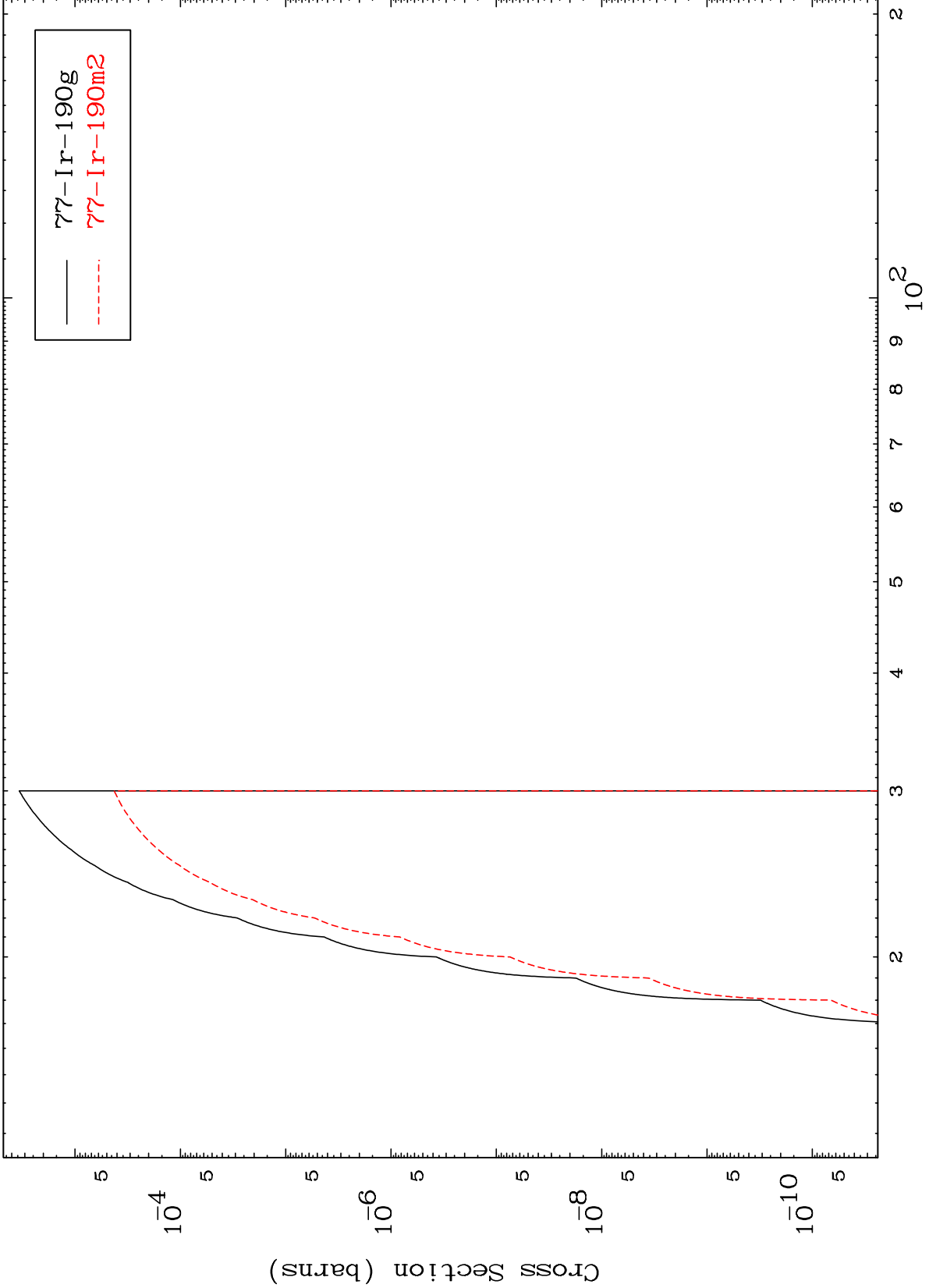
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section



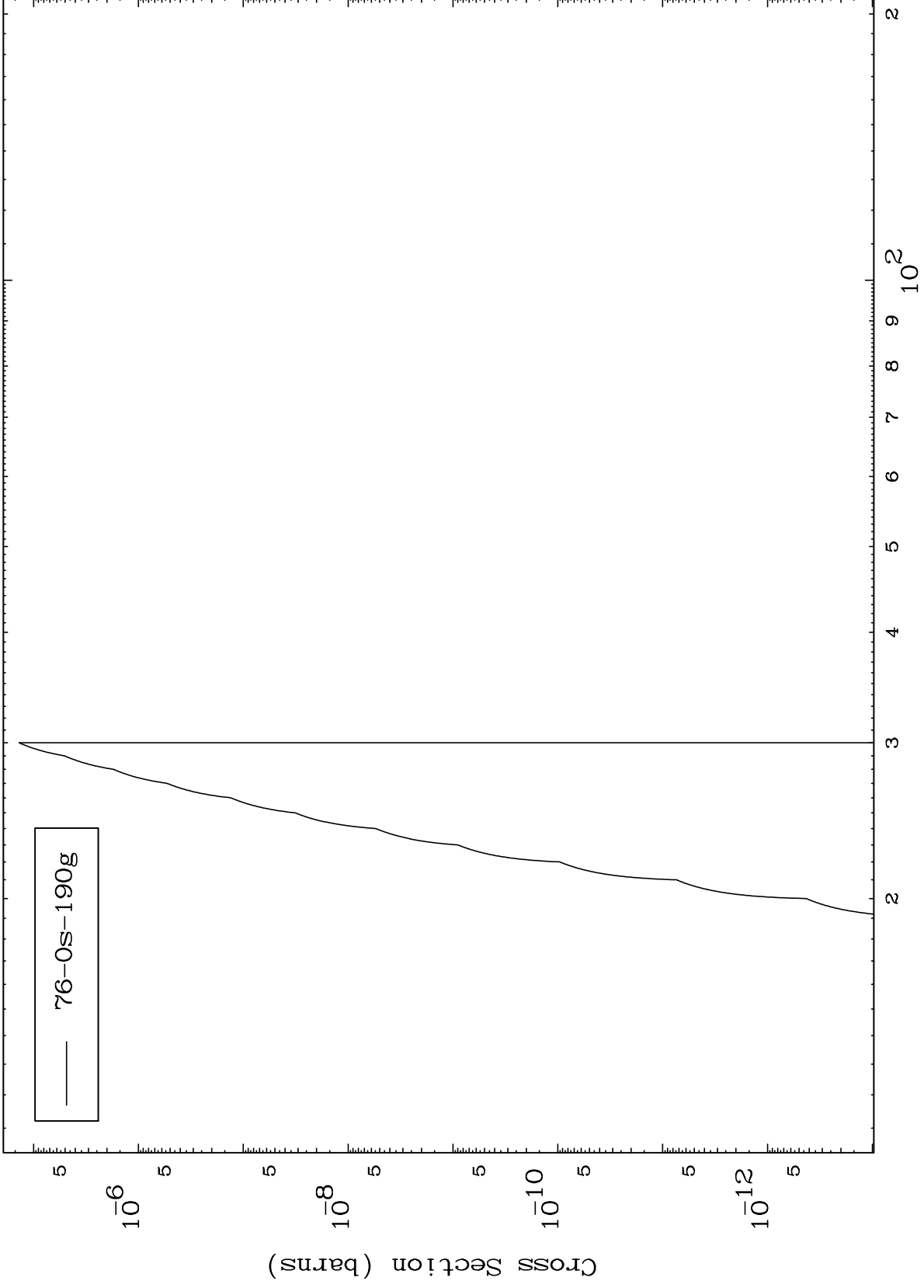
— ⁷⁷Ir-190g
- - - ⁷⁷Ir-190m2

MAT 7834

(n,n') He-3

78-Pt-193

Radionuclide Production Cross Section



130

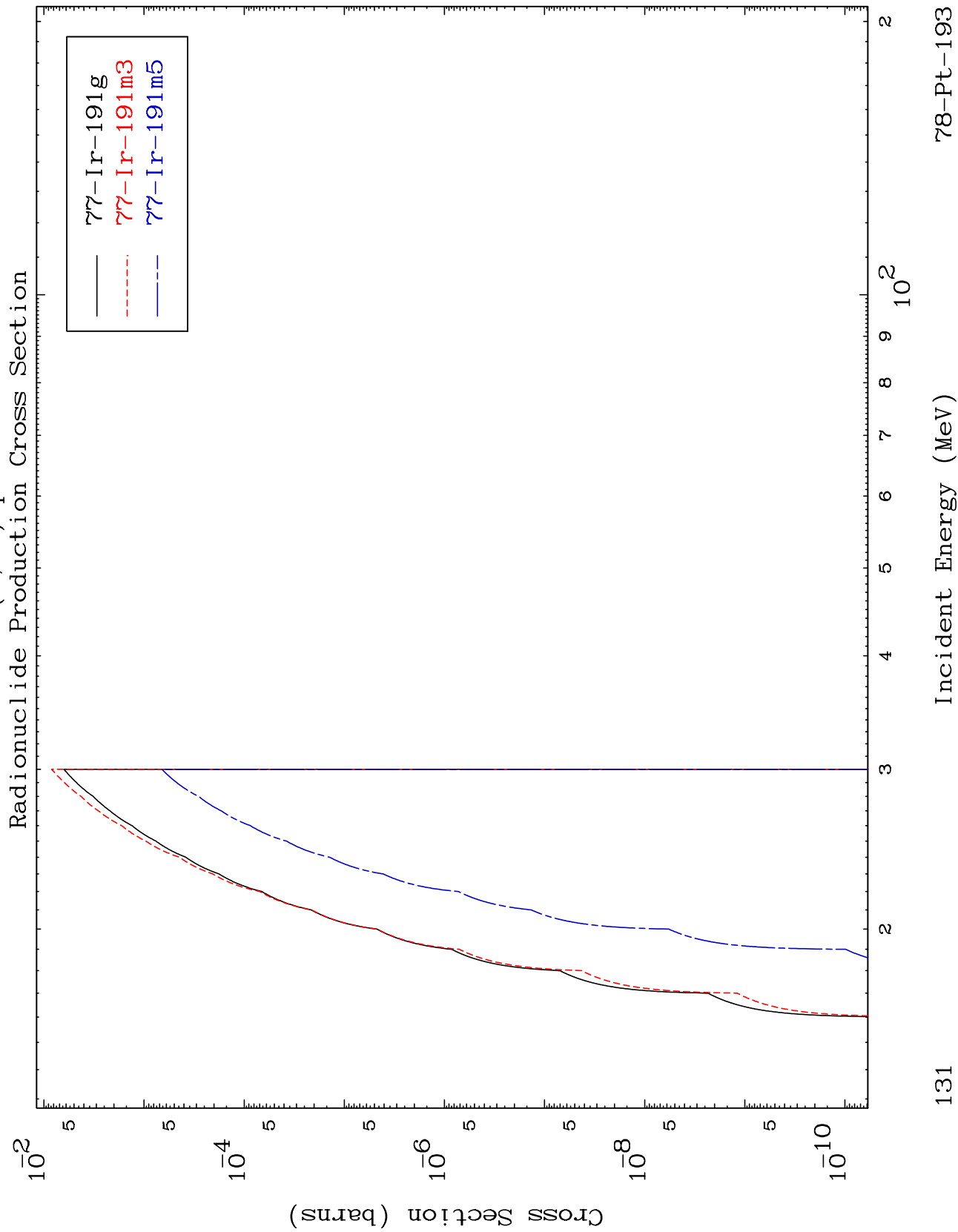
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,2n) p

78-Pt-193



131

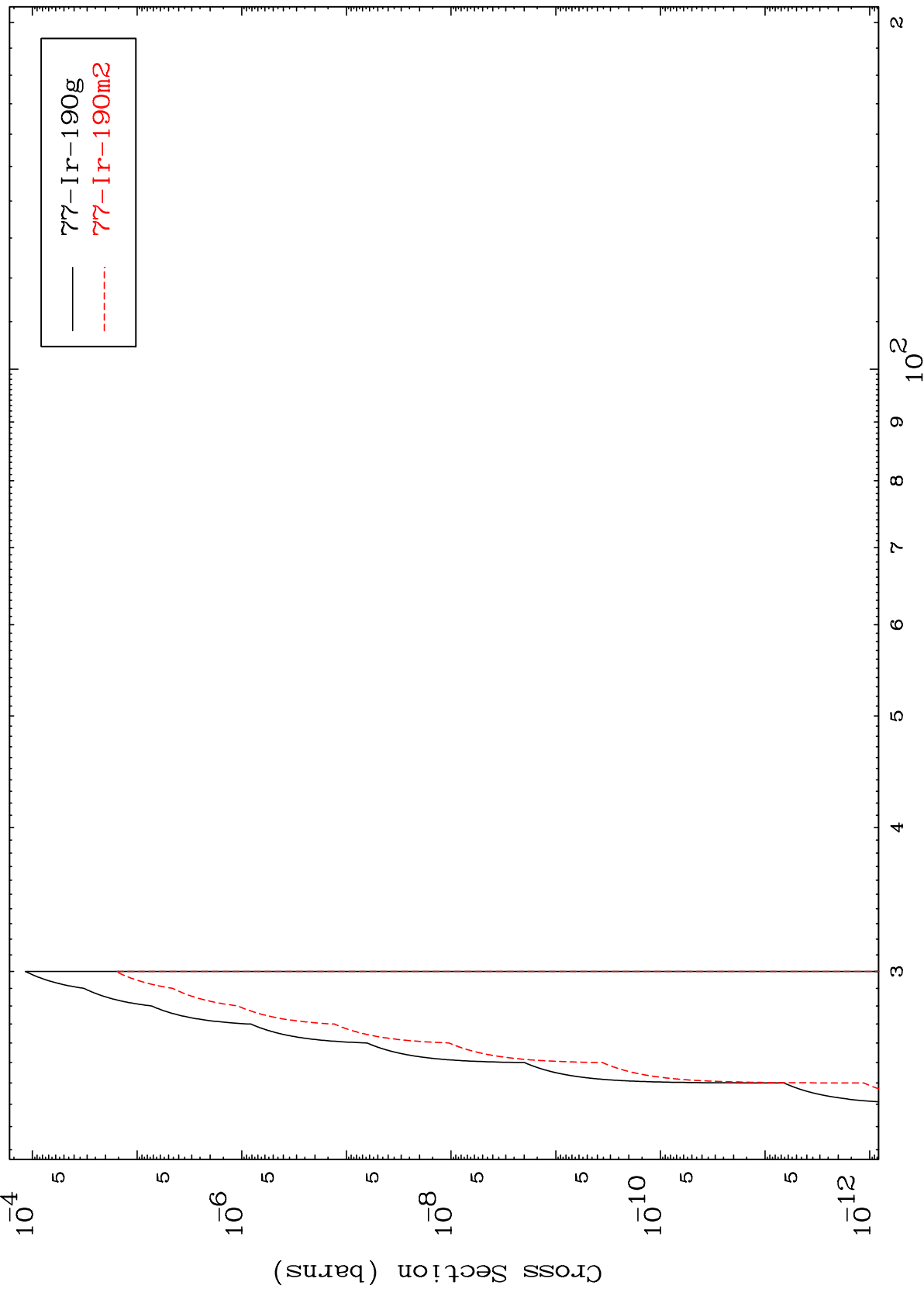
78-Pt-193

MAT 7834

(n,3n) p

78-Pt-193

Radionuclide Production Cross Section



132

Incident Energy (MeV)

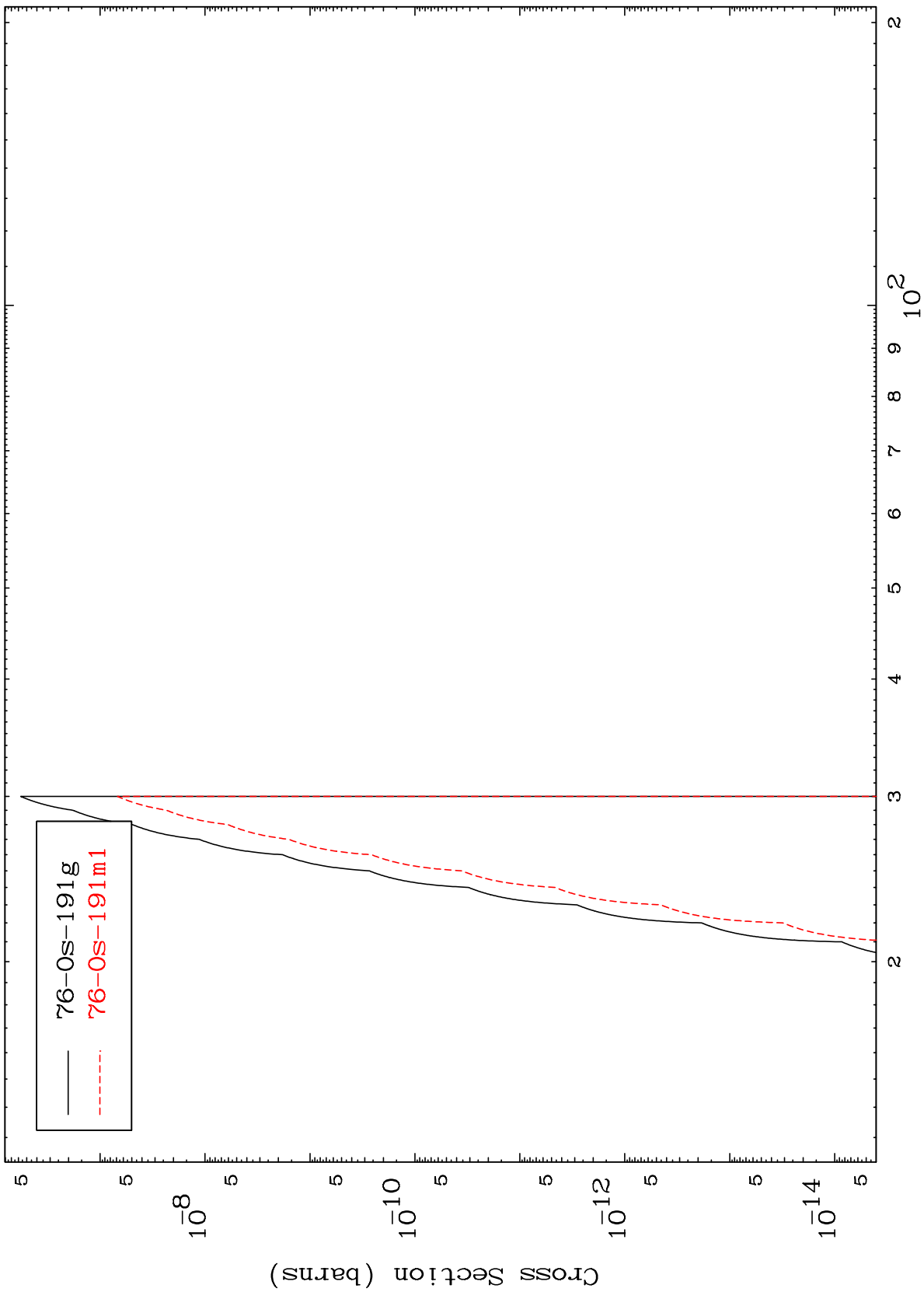
78-Pt-193

MAT 7834

(n,2n) p

78-Pt-193

Radionuclide Production Cross Section



133

Incident Energy (MeV)

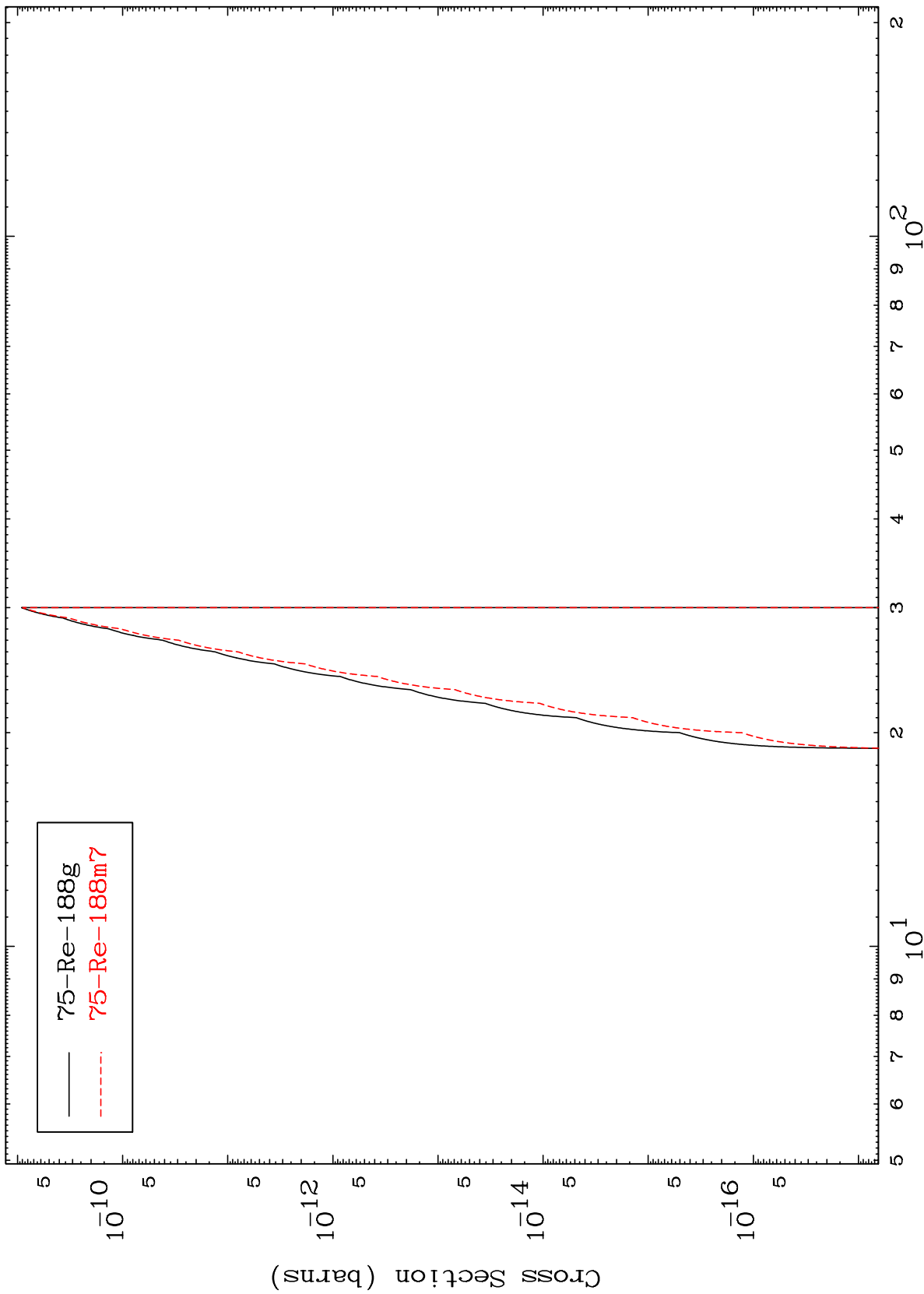
78-Pt-193

MAT 7834

(n,n') p α

78-Pt-193

Radionuclide Production Cross Section



75-Re-188g
75-Re-188m7

134

Incident Energy (MeV)

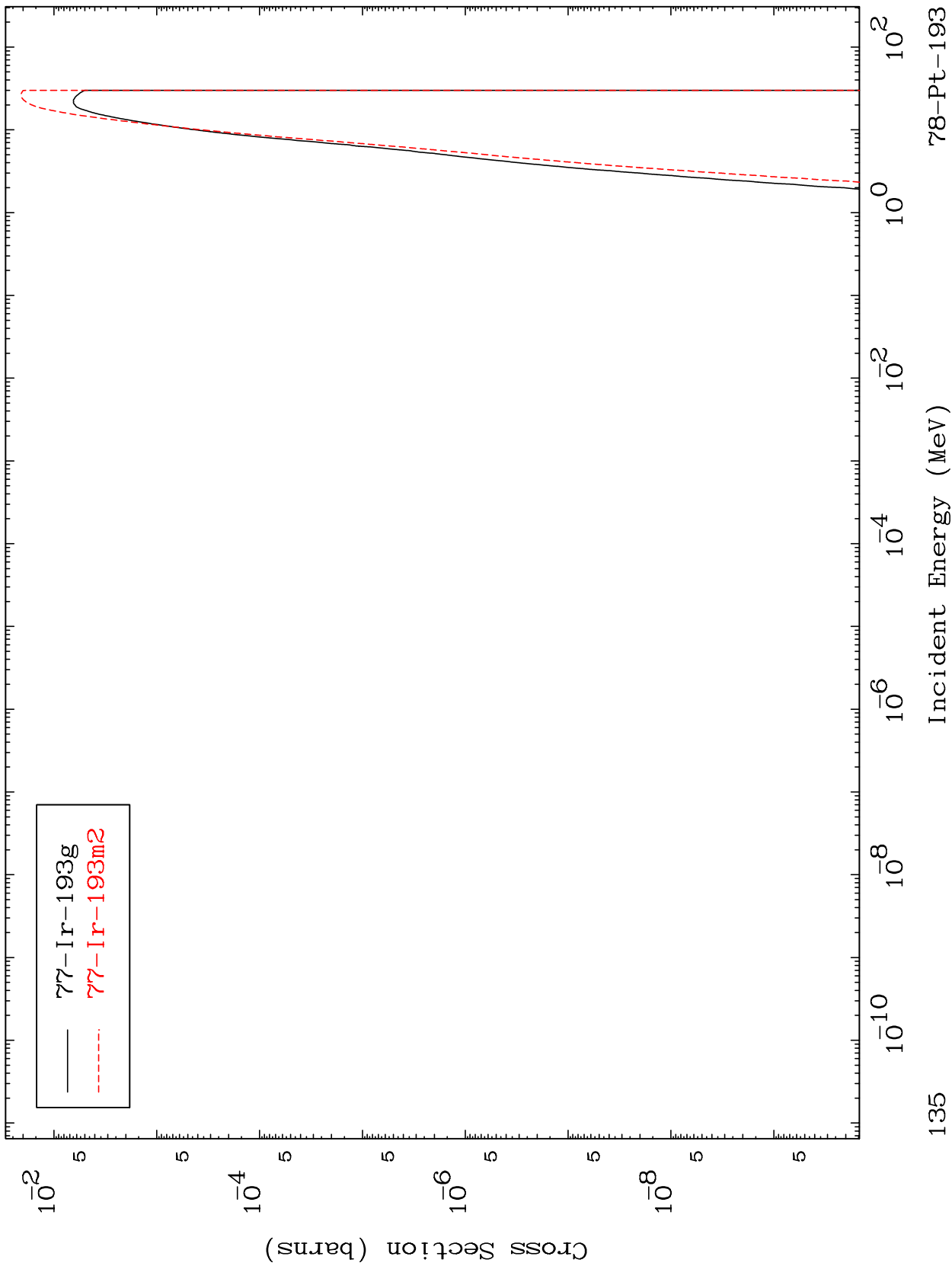
78-Pt-193

MAT 7834

(n,p)

78-Pt-193

Radionuclide Production Cross Section

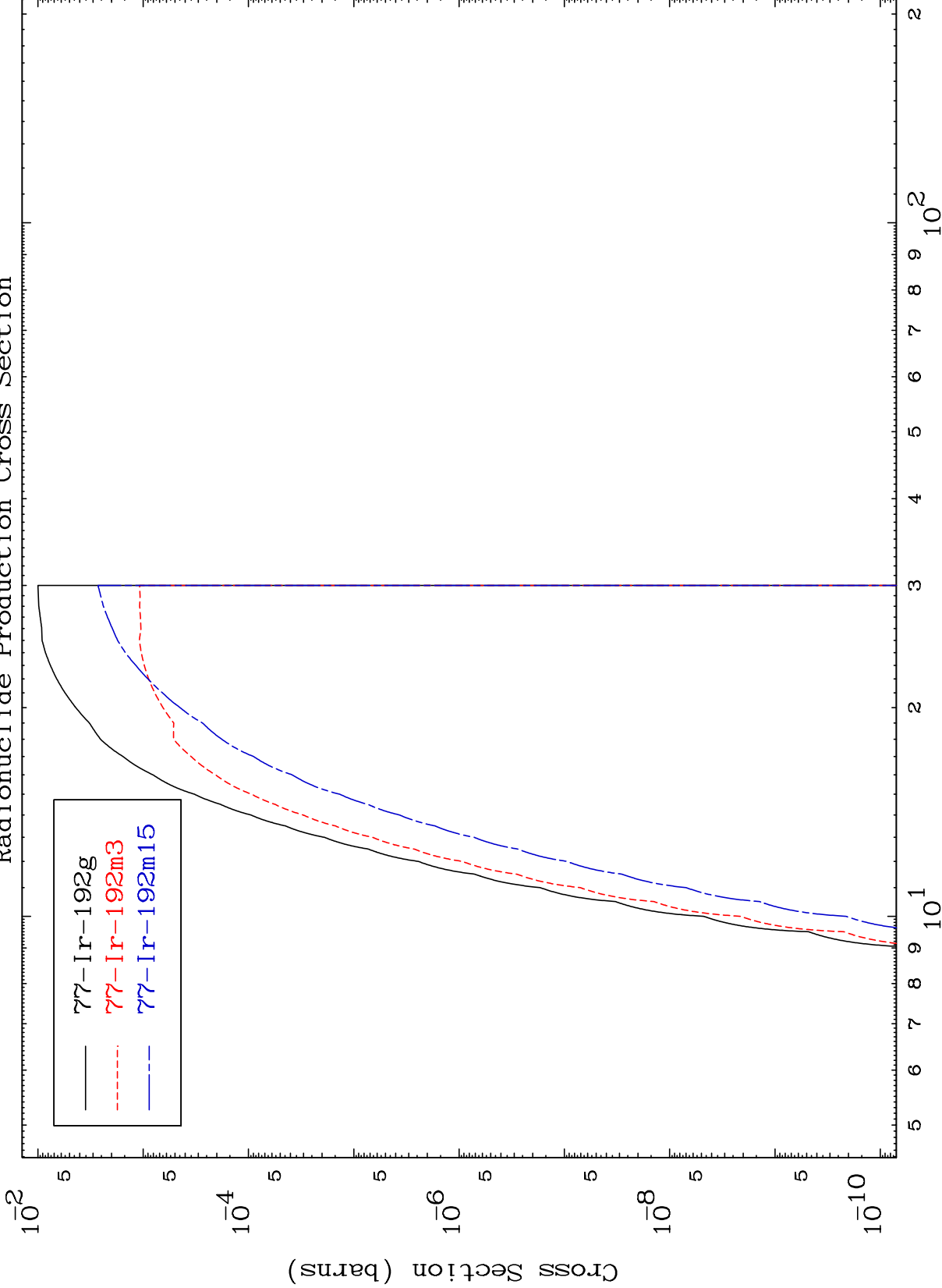


MAT 7834

(n,d)

78-Pt-193

Radionuclide Production Cross Section

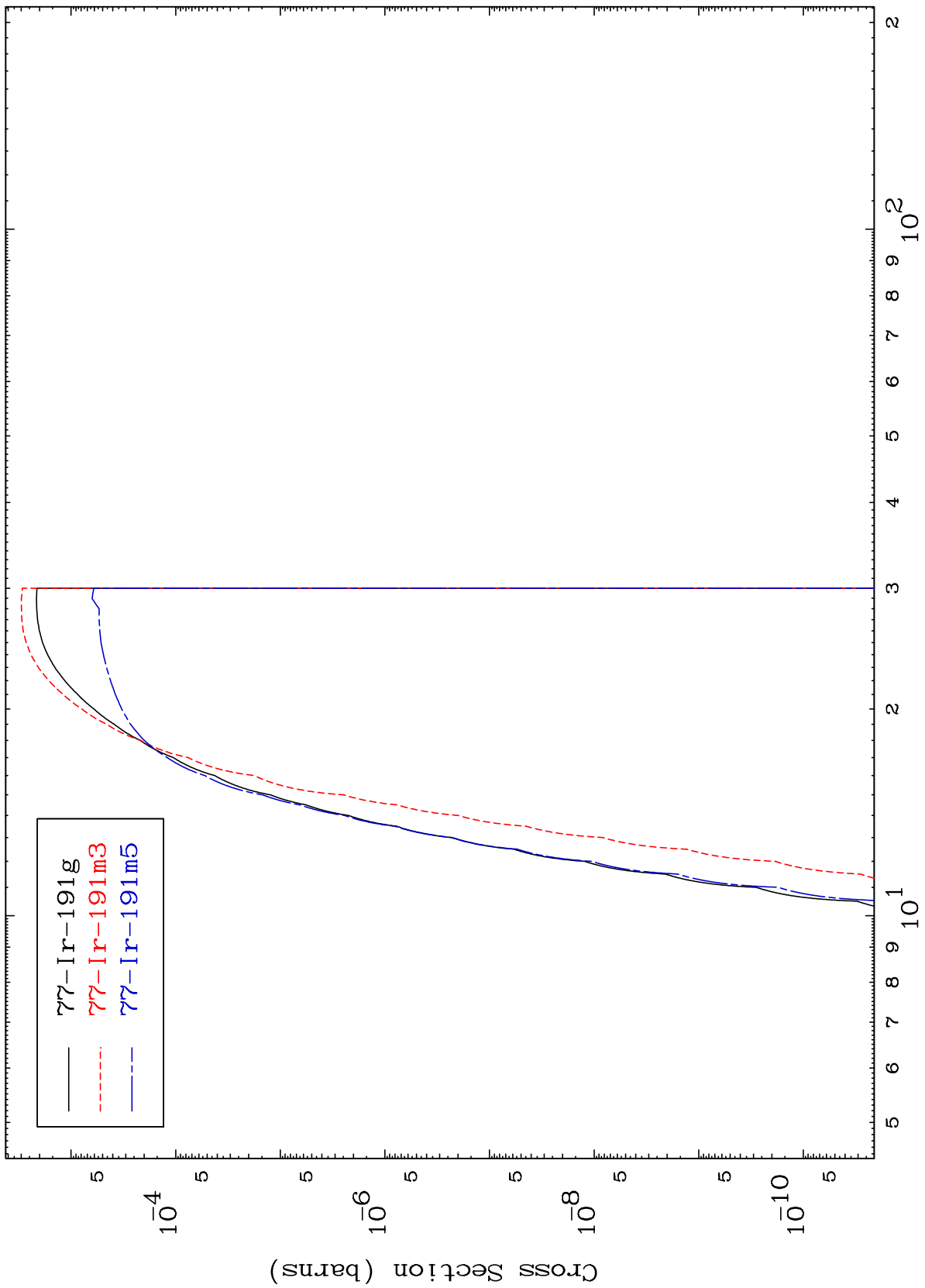


136

Incident Energy (MeV)

78-Pt-193

(n, t)
Radionuclide Production Cross Section

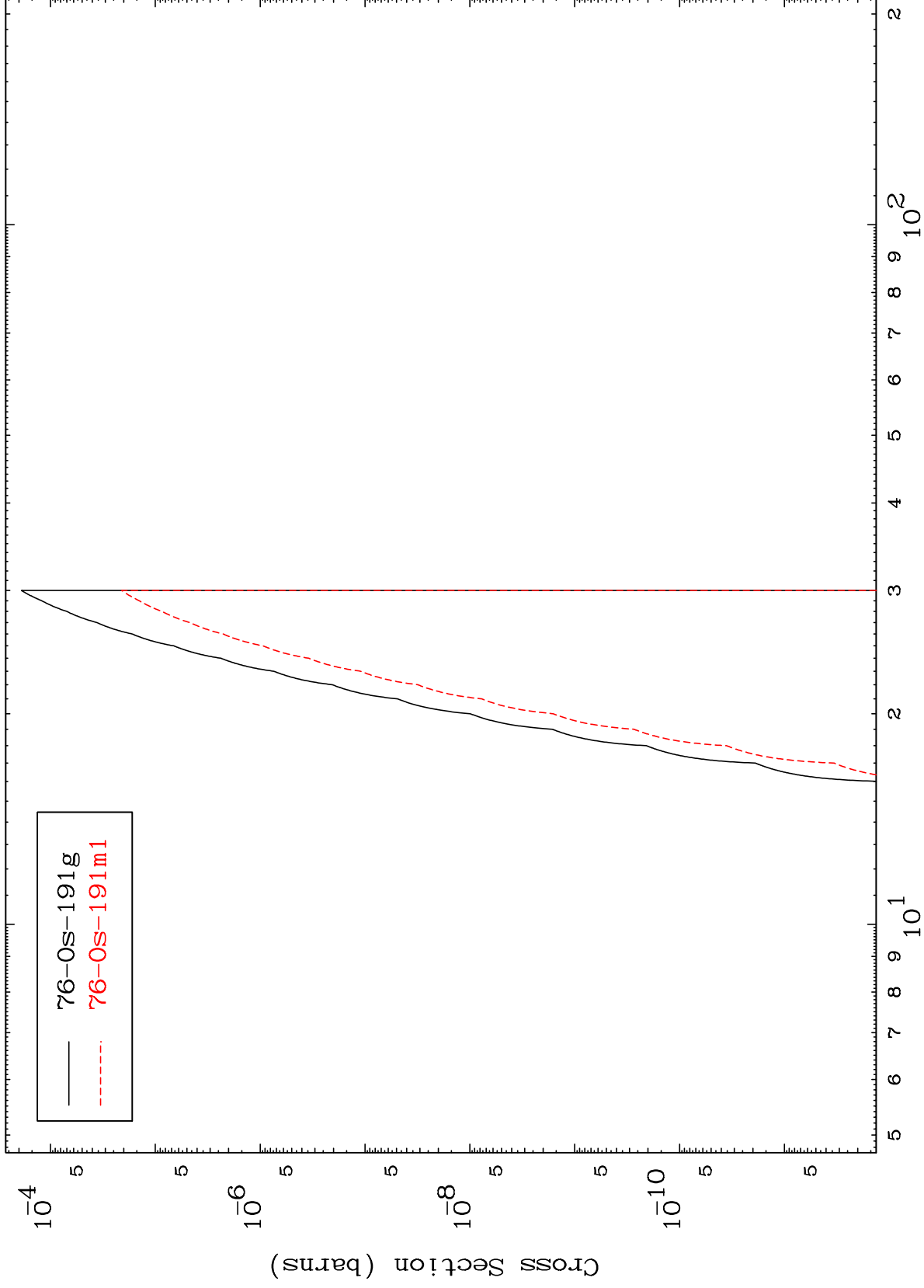


MAT 7834

(n,He-3)

78-Pt-193

Radionuclide Production Cross Section



138

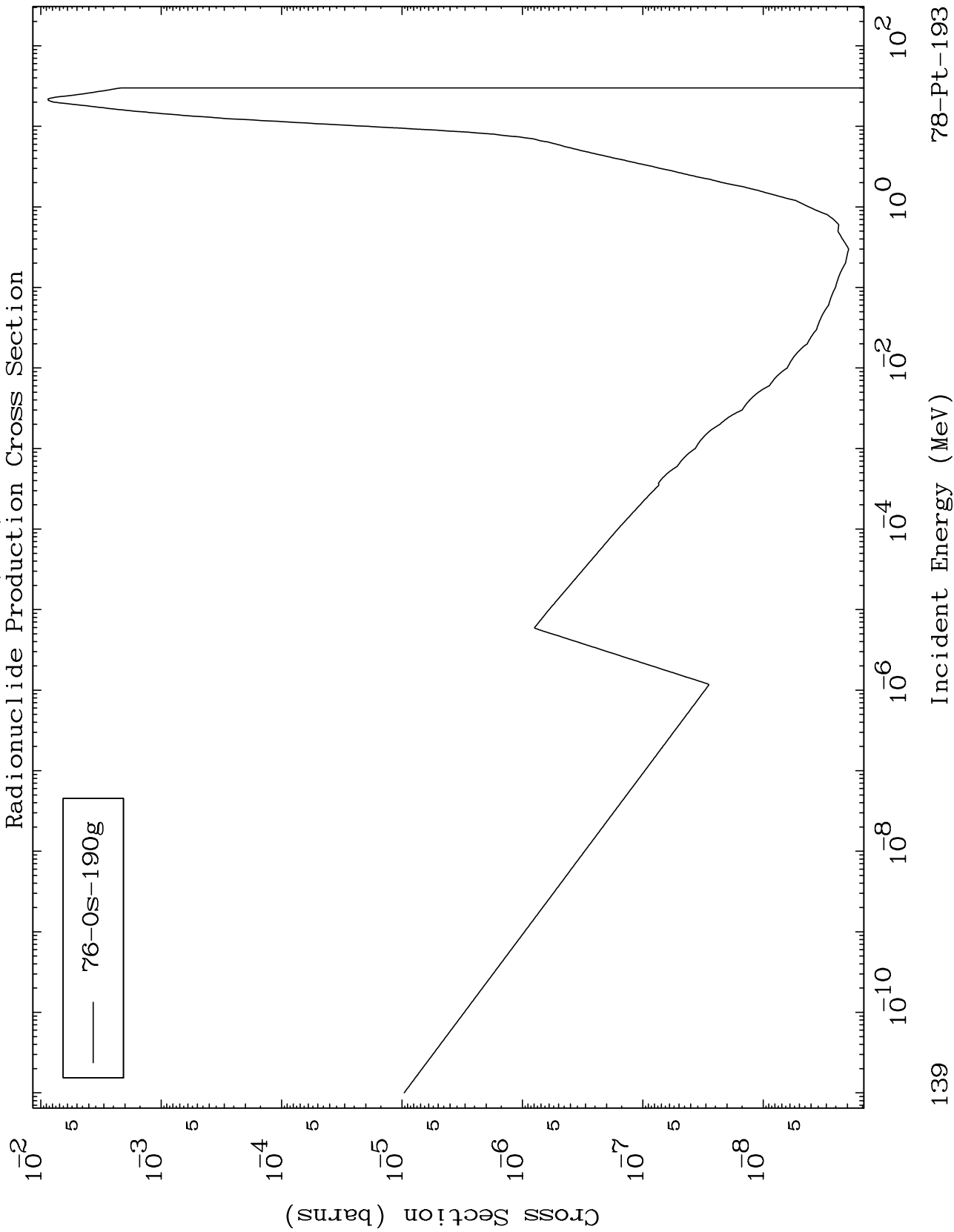
Incident Energy (MeV)

78-Pt-193

MAT 7834

78-Pt-193

(n, α)
Radionuclide Production Cross Section



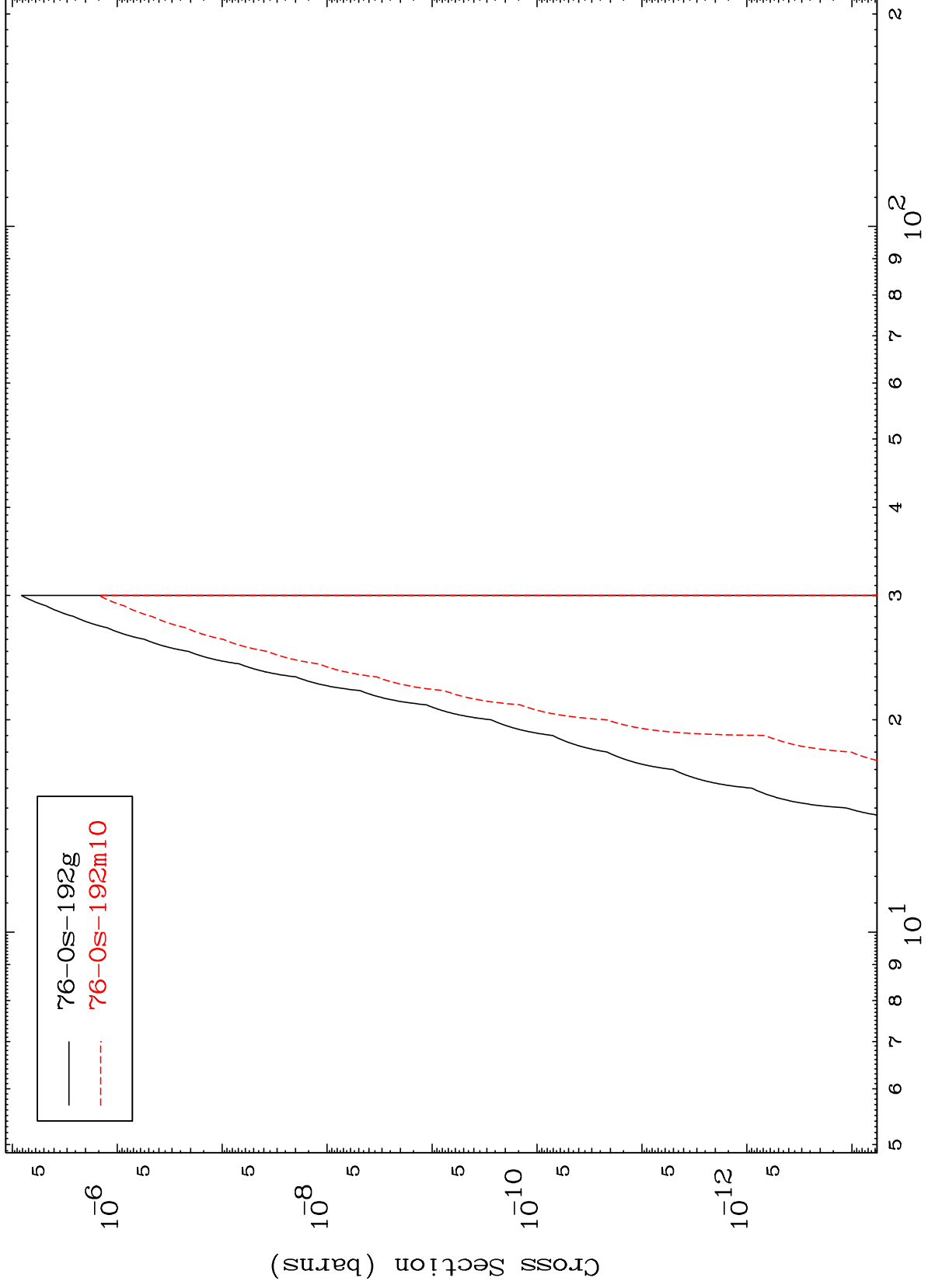
139

78-Pt-193

MAT 7834

78-Pt-193

(n,2p)
Radionuclide Production Cross Section



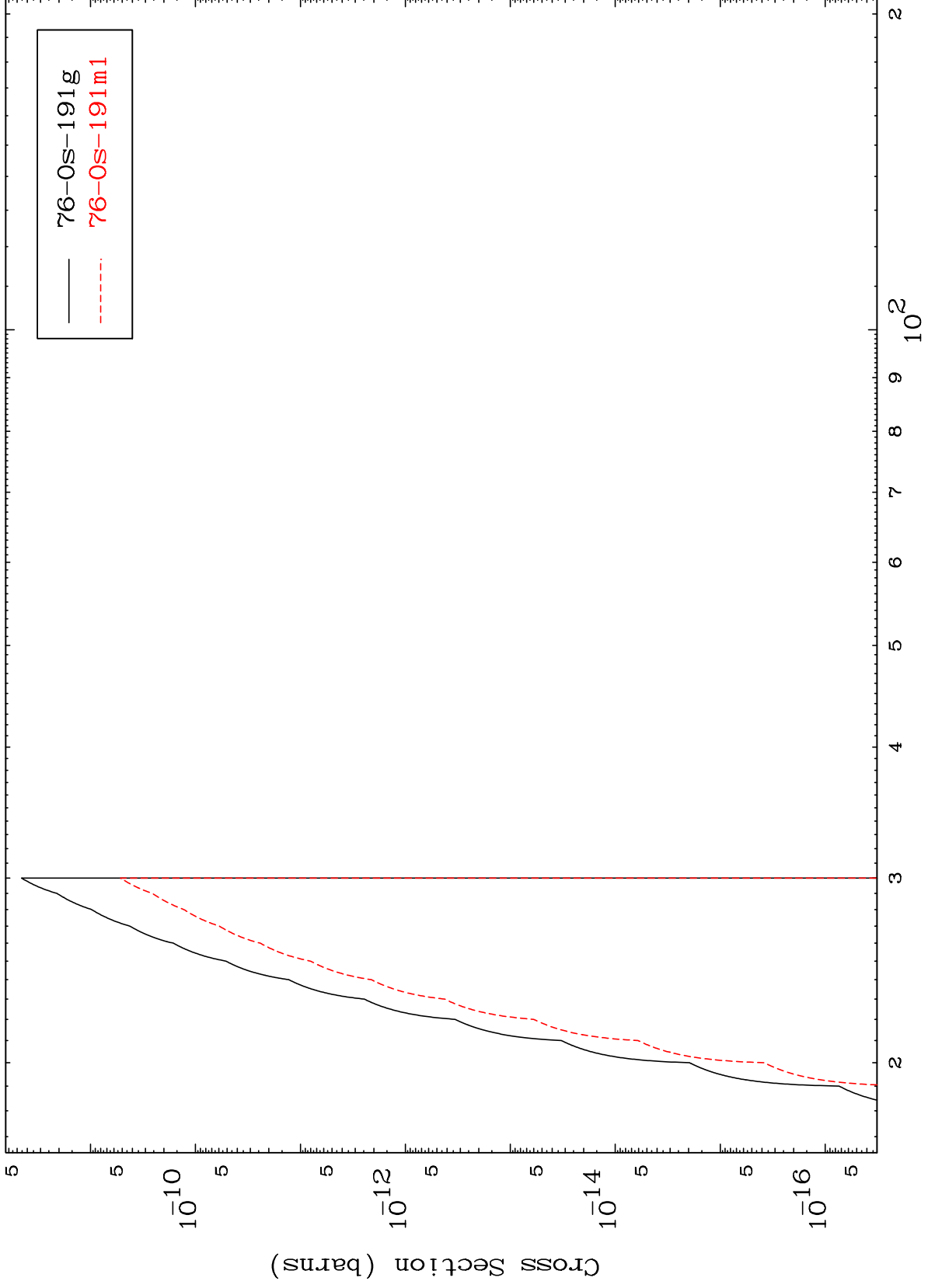
— 76-Os-192g
- - - 76-Os-192m10

140

Incident Energy (MeV)

78-Pt-193

Radionuclide Production Cross Section

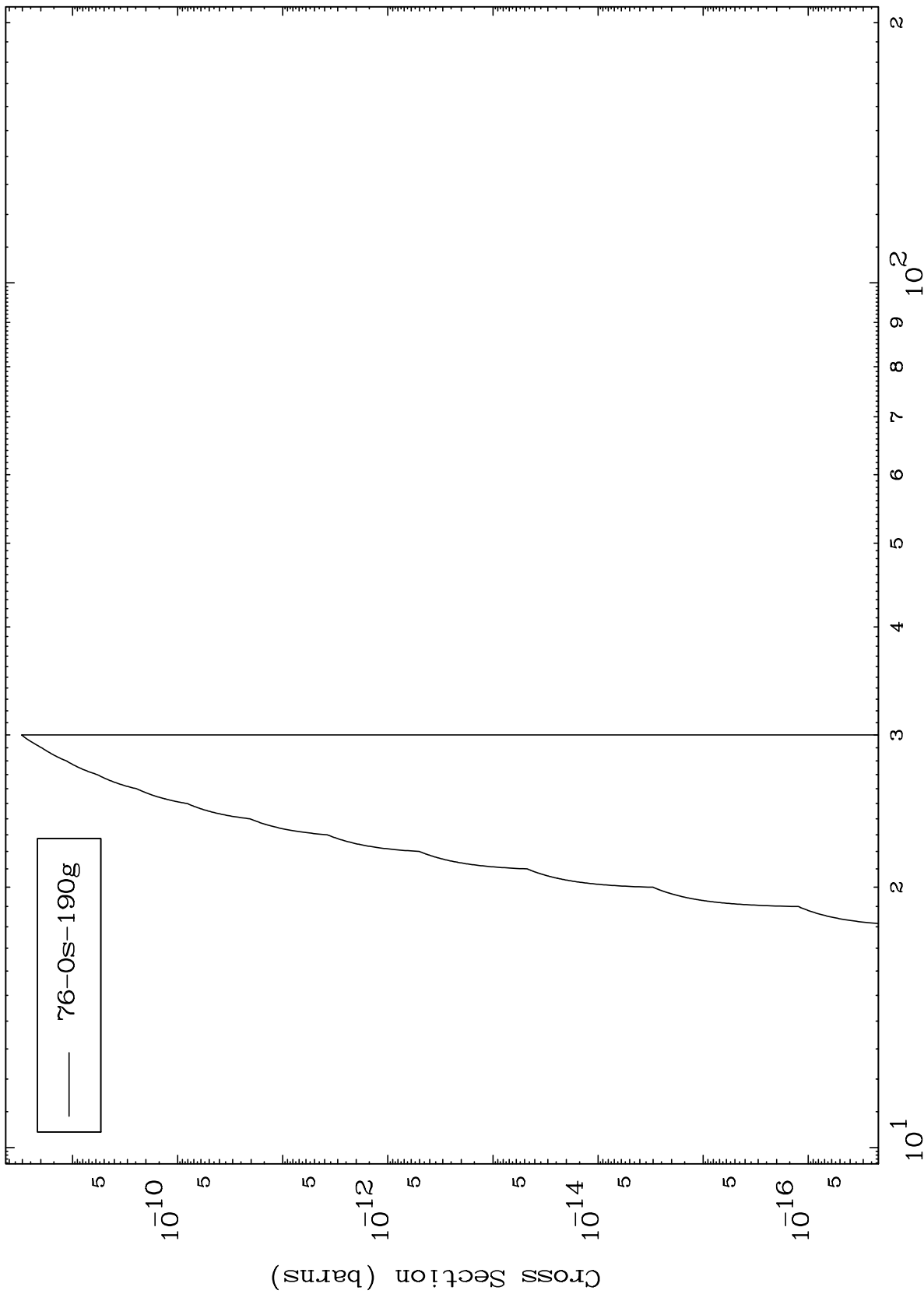


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78-Pt-193

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-193

142