

Program EVALPLOT
(Version 2018-1)

by

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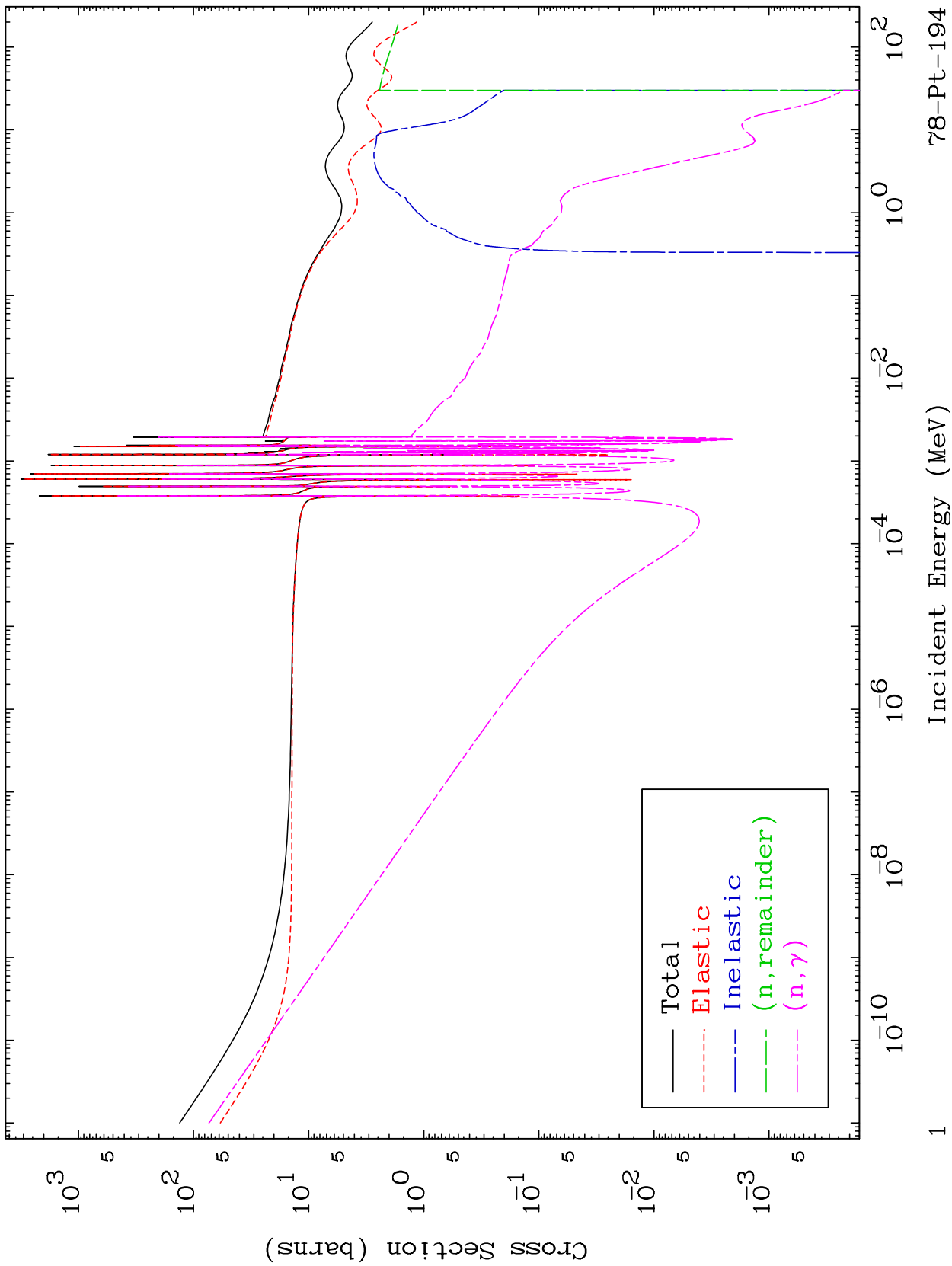
Press Mouse Button to Start

MAT 7837

Major

293 Kelvin Cross Sections

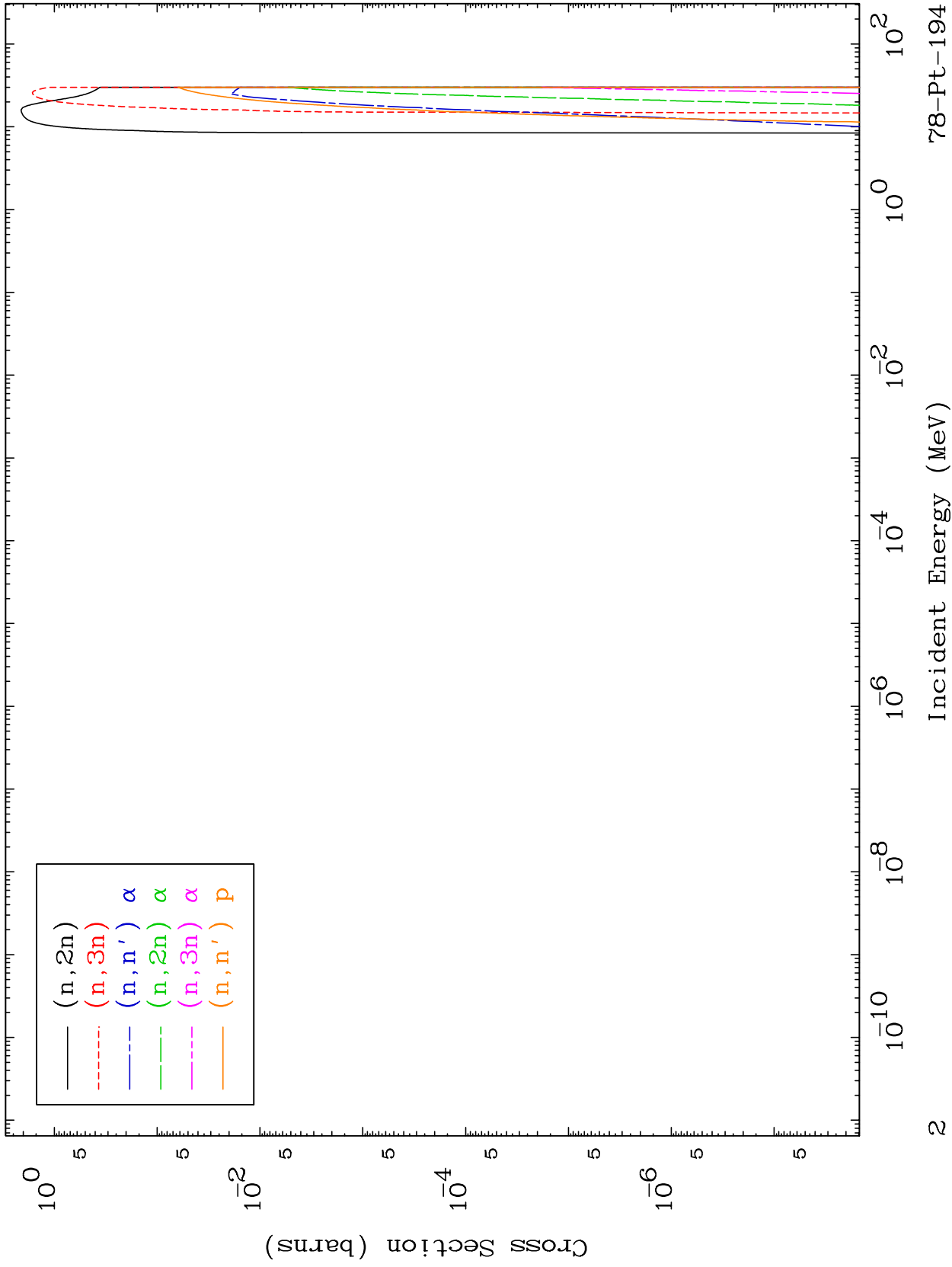
78-Pt-194

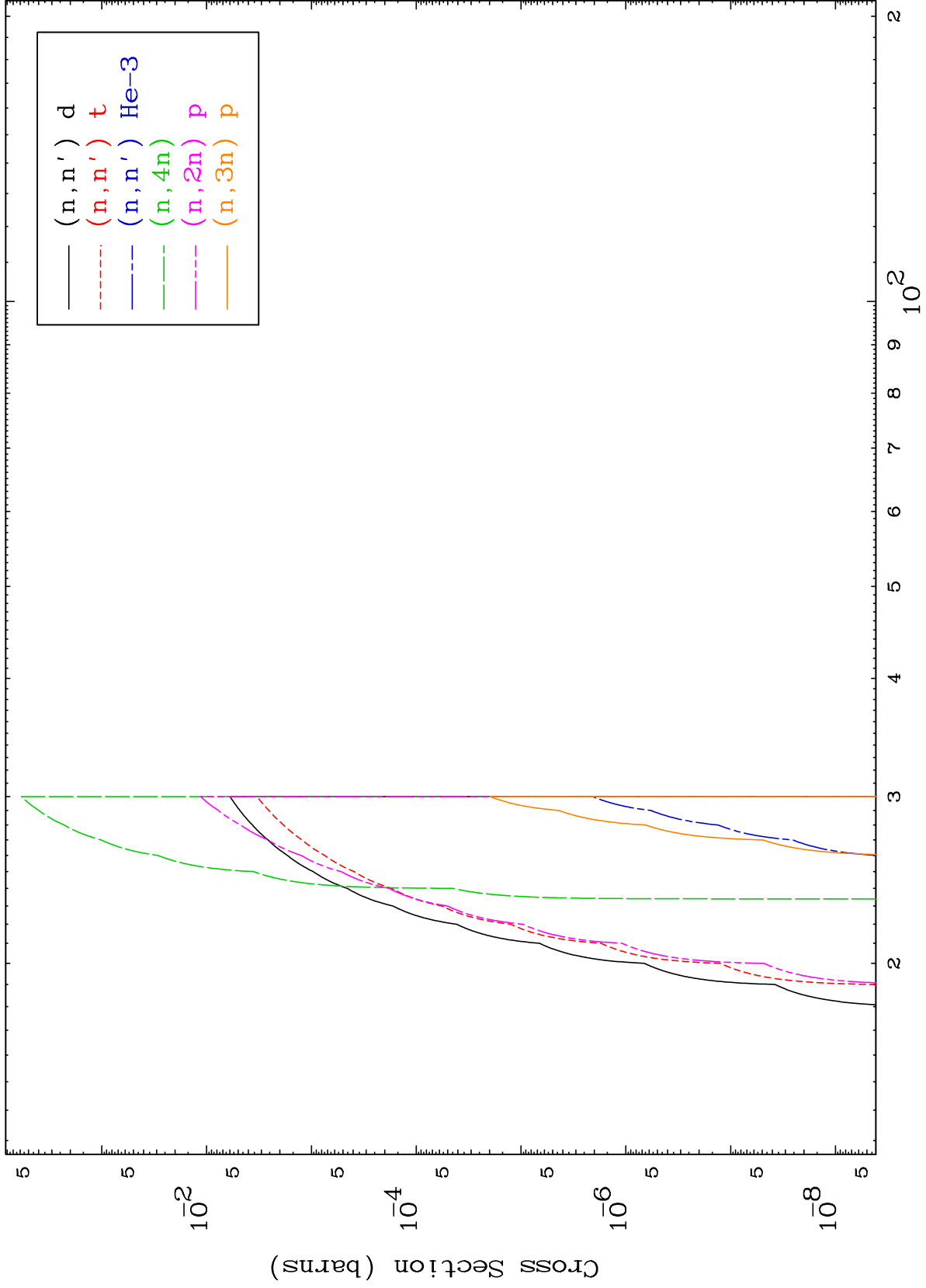


MAT 7837

Neutron Production
293 Kelvin Cross Sections

78-Pt-194

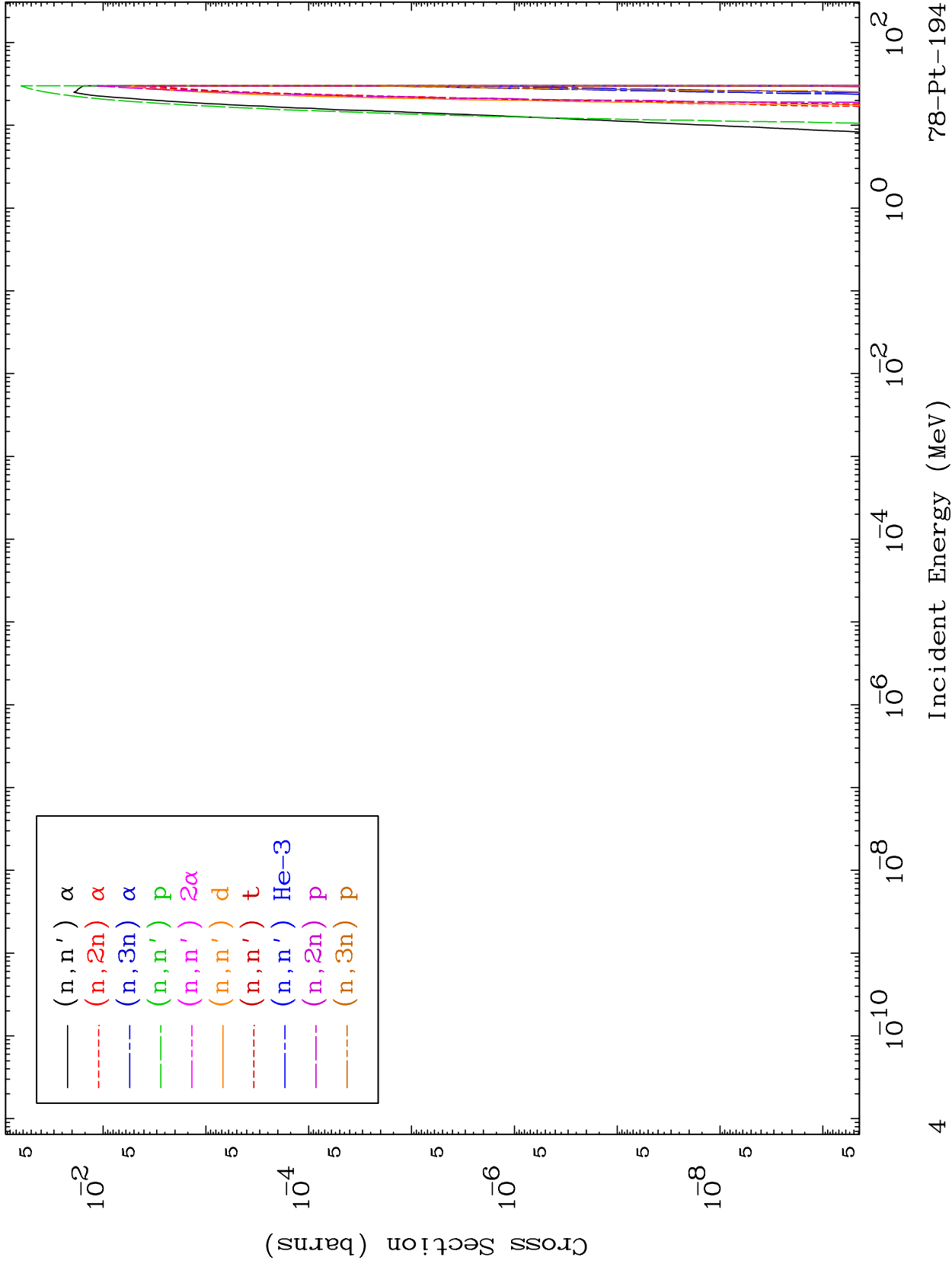




MAT 7837

Charged Particle
293 Kelvin Cross Sections

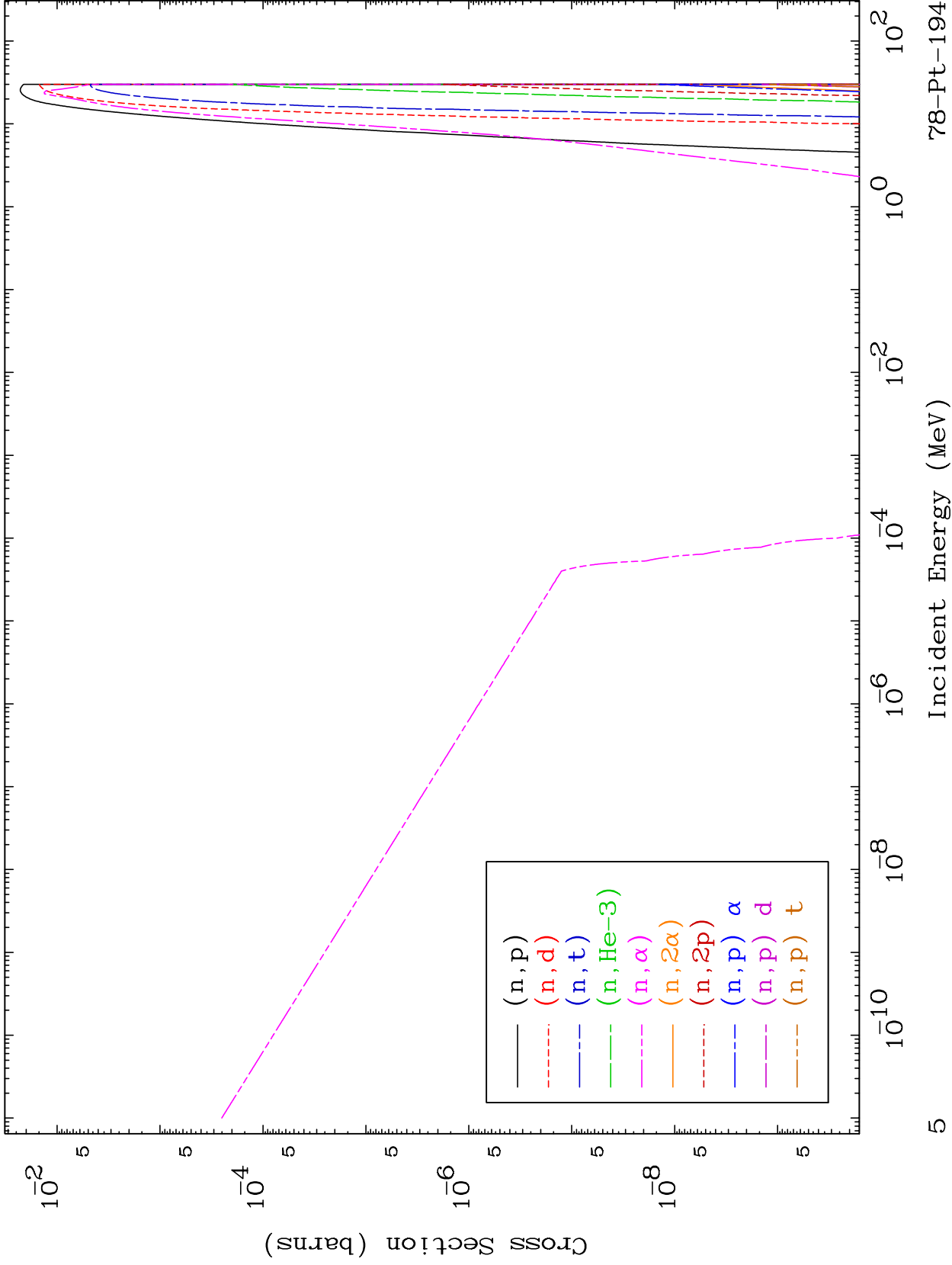
78-Pt-194



MAT 7837

Charged Particle
293 Kelvin Cross Sections

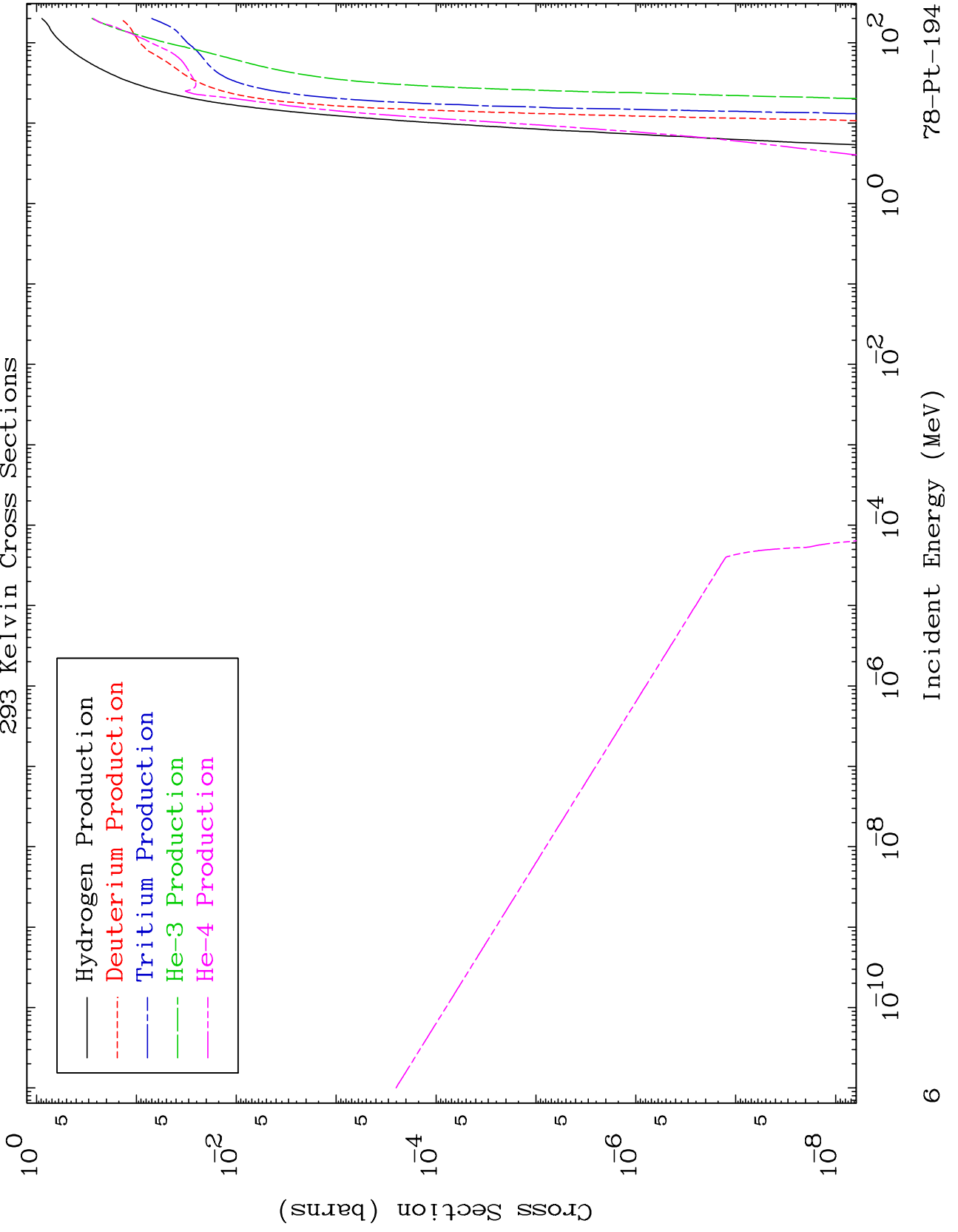
78-Pt-194



MAT 7837

Particle Production
293 Kelvin Cross Sections

78-Pt-194

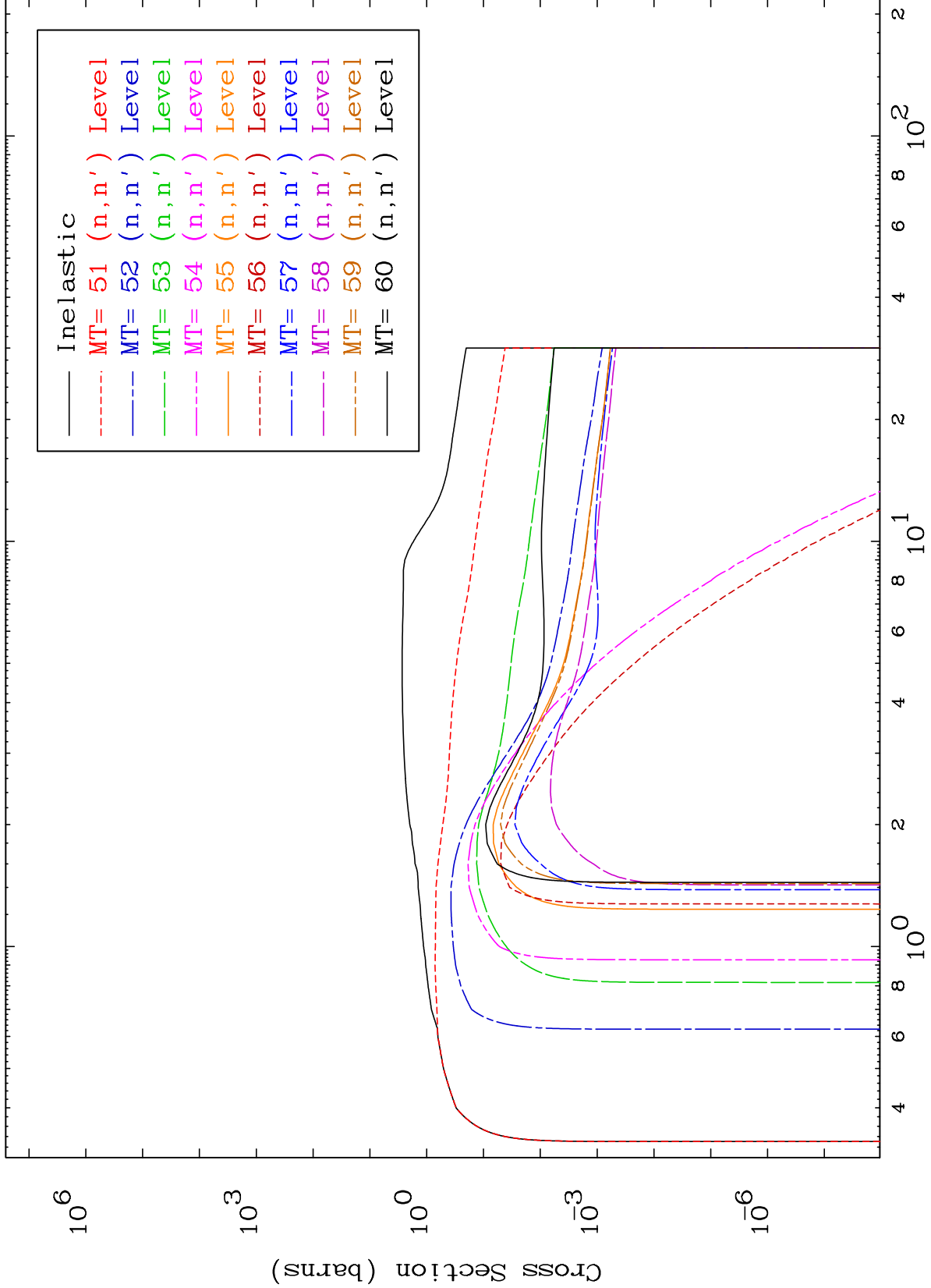


MAT 7837

(n,n') Level

78-Pt-194

293 Kelvin Cross Sections

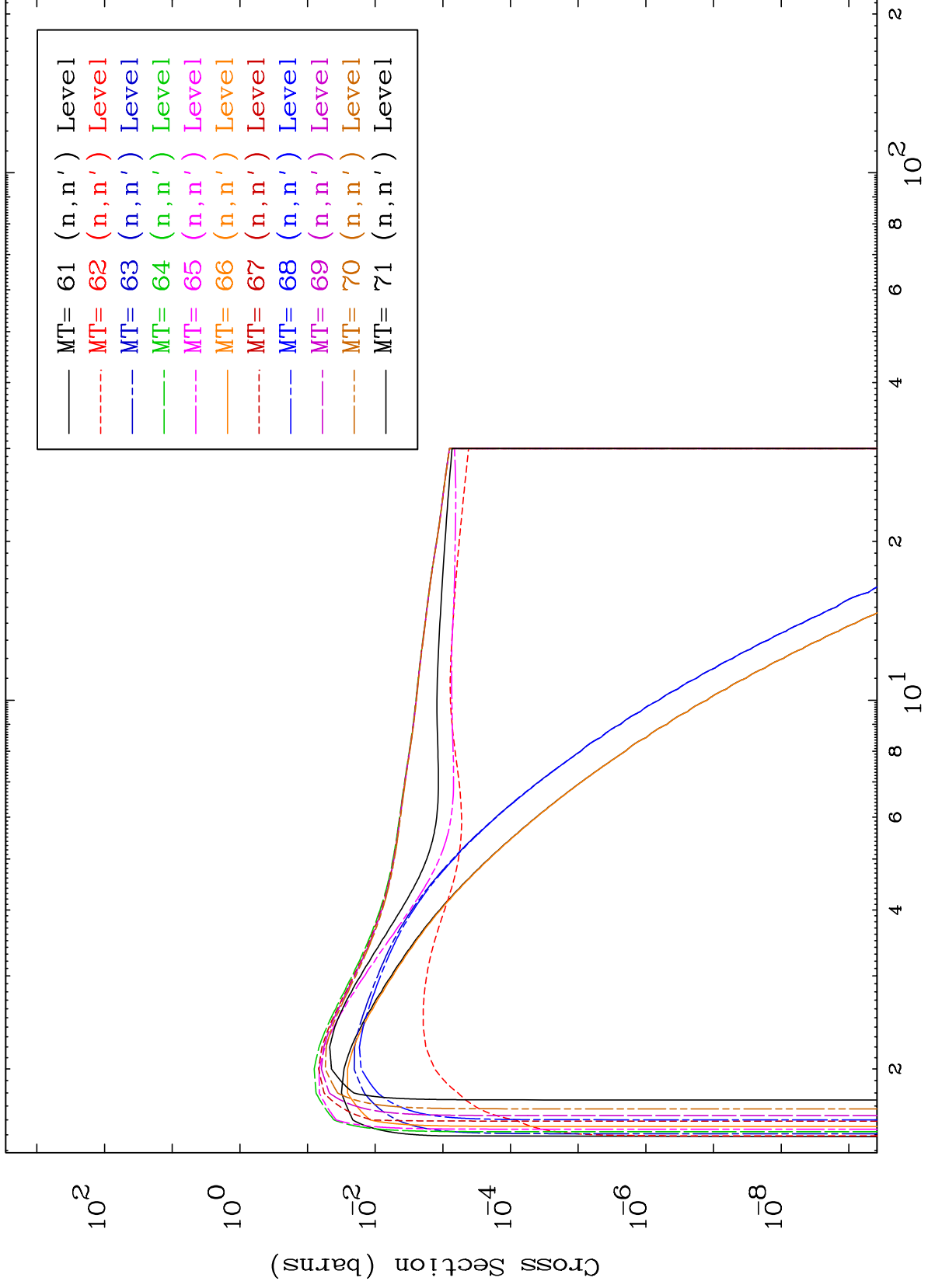


MAT 7837

(n,n') Level

293 Kelvin Cross Sections

78-Pt-194



8

Incident Energy (MeV)

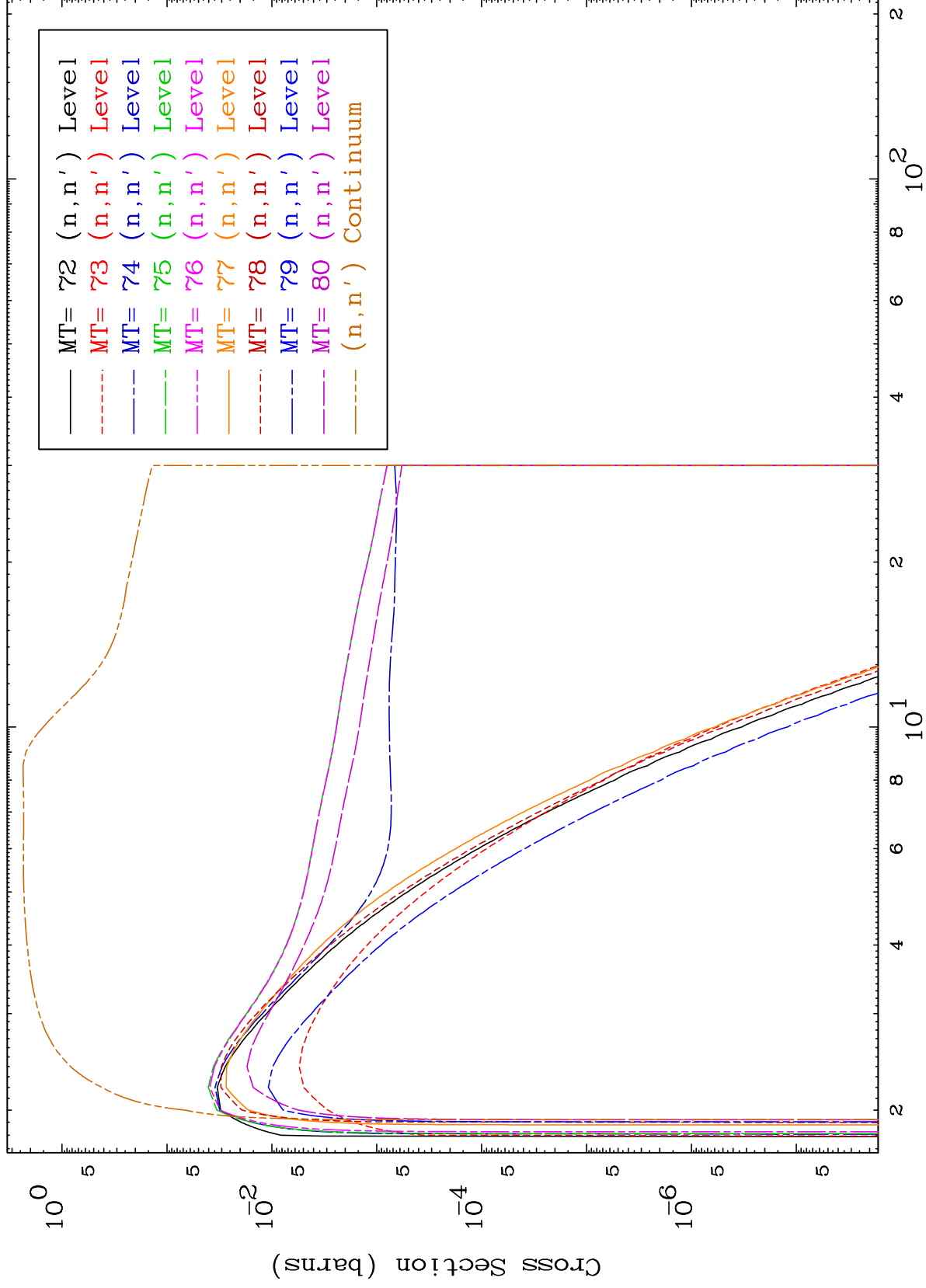
78-Pt-194

MAT 7837

(n,n') Level

293 Kelvin Cross Sections

78-Pt-194



9

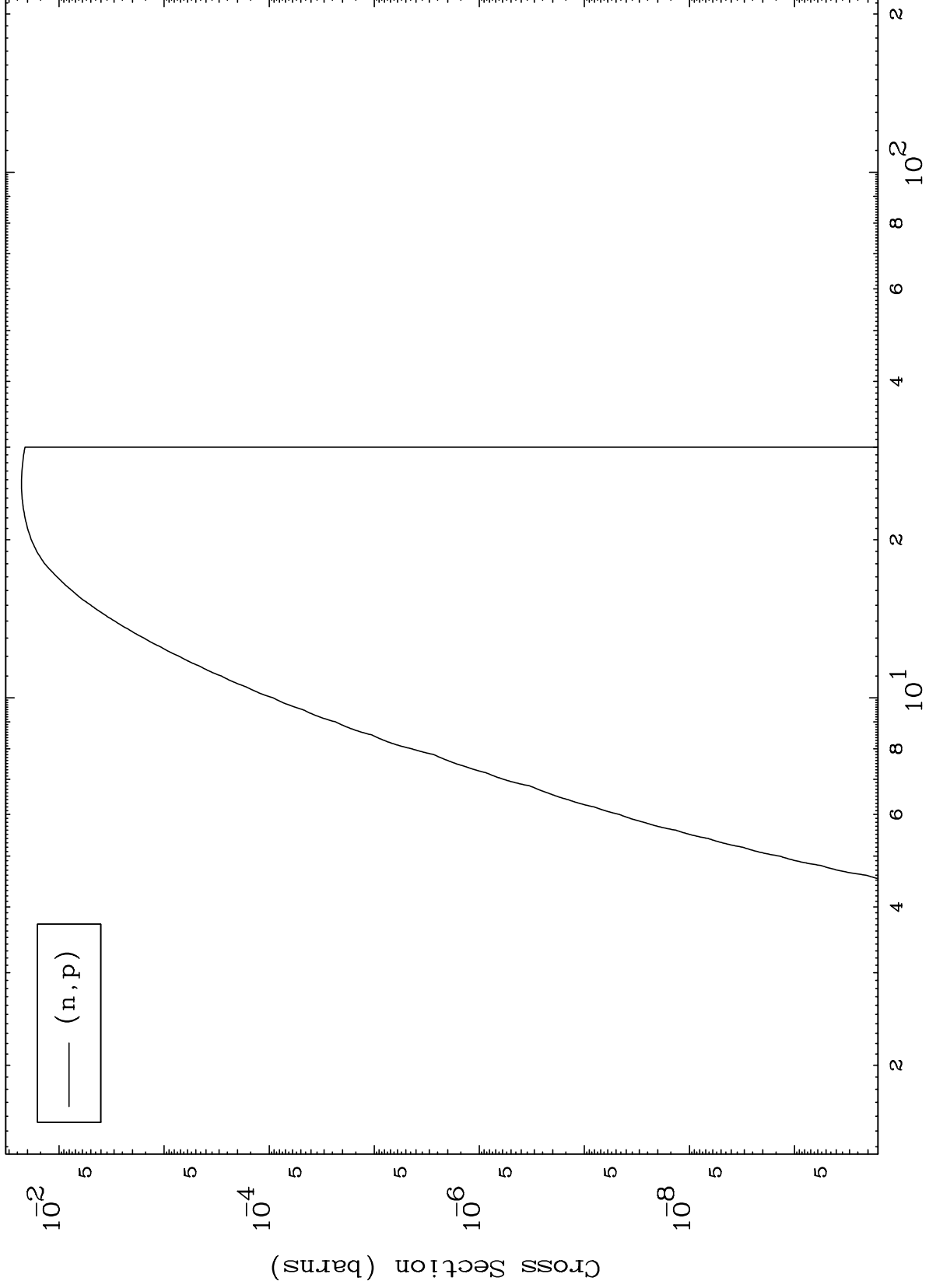
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-194



10

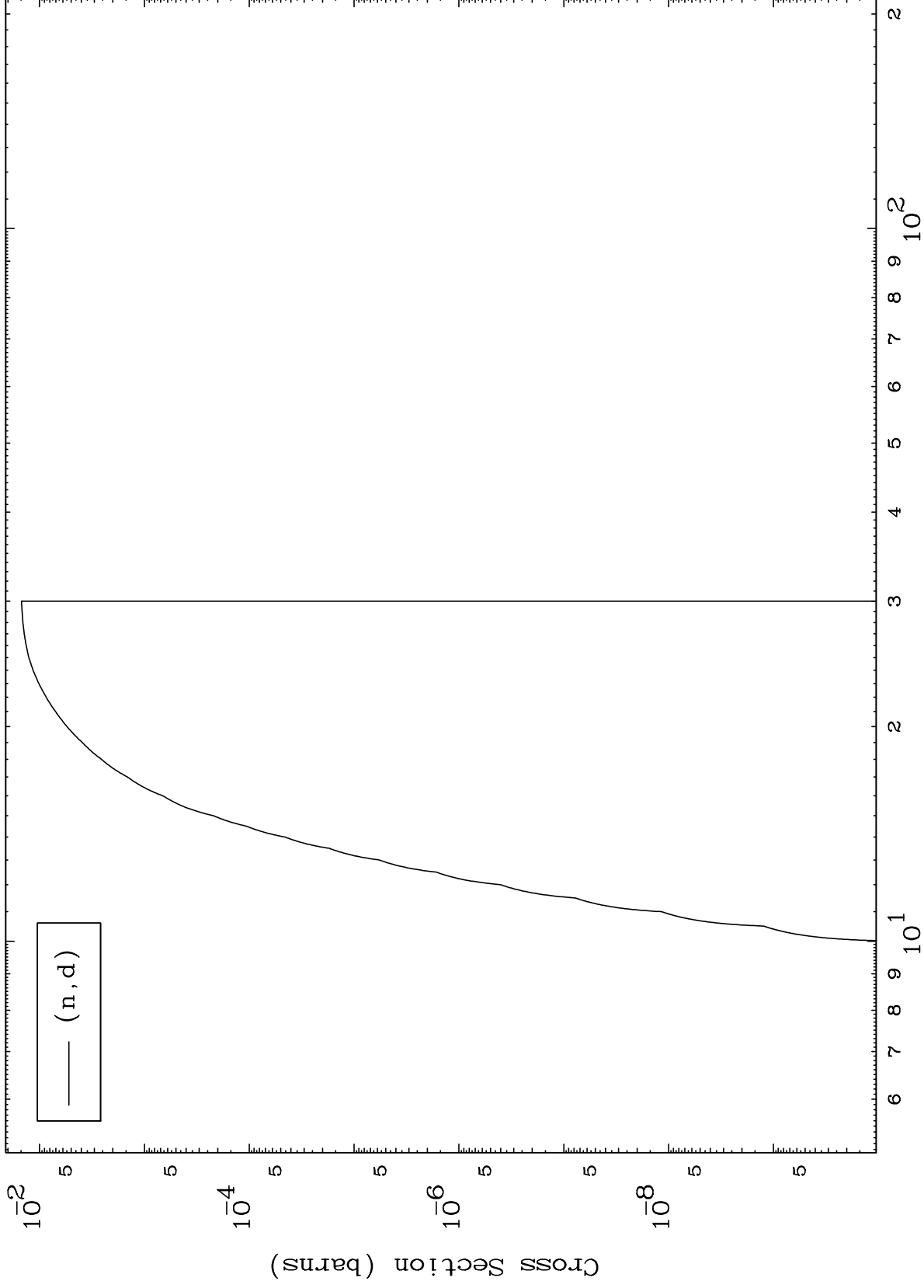
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-194



11

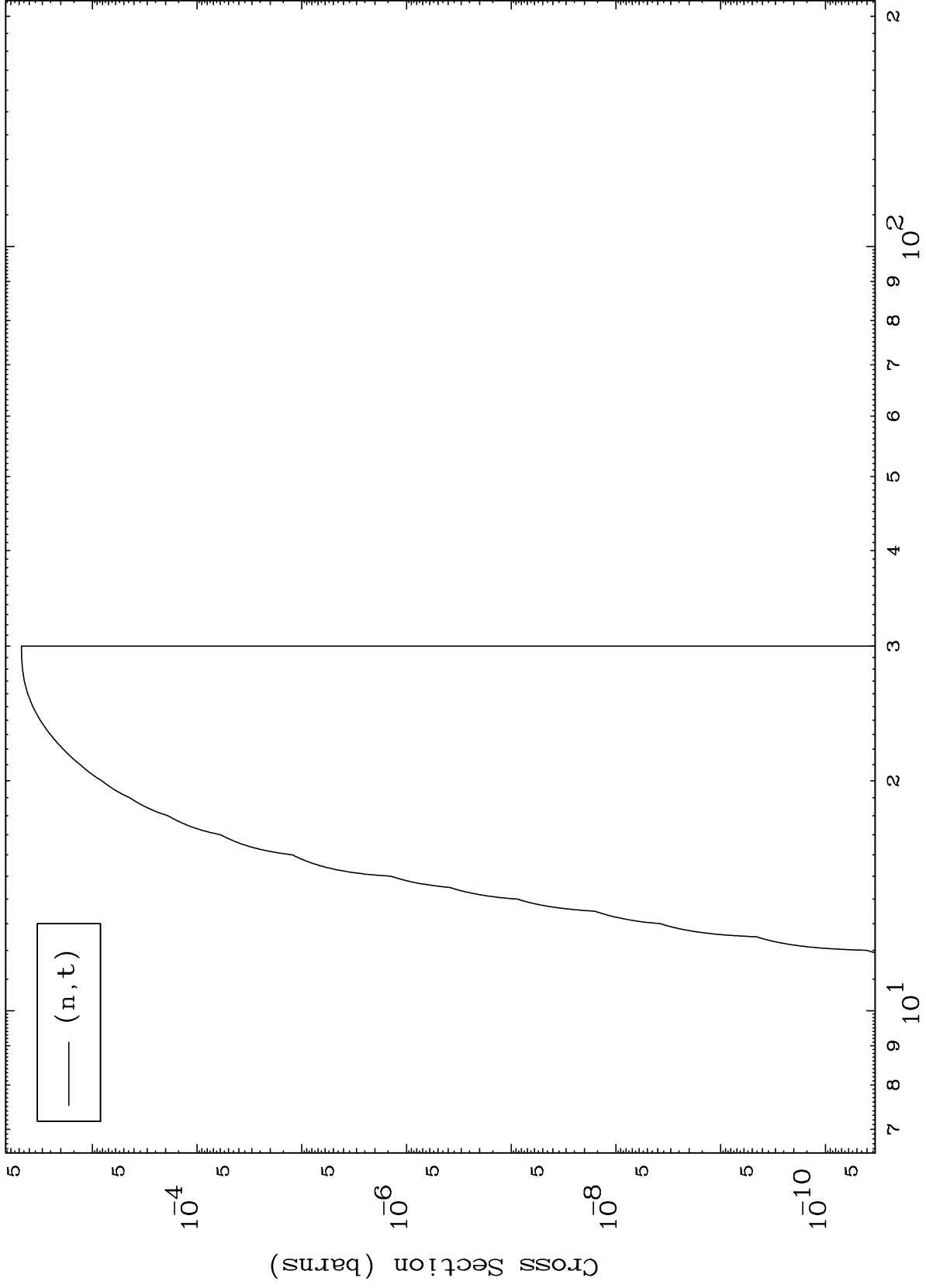
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-194



12

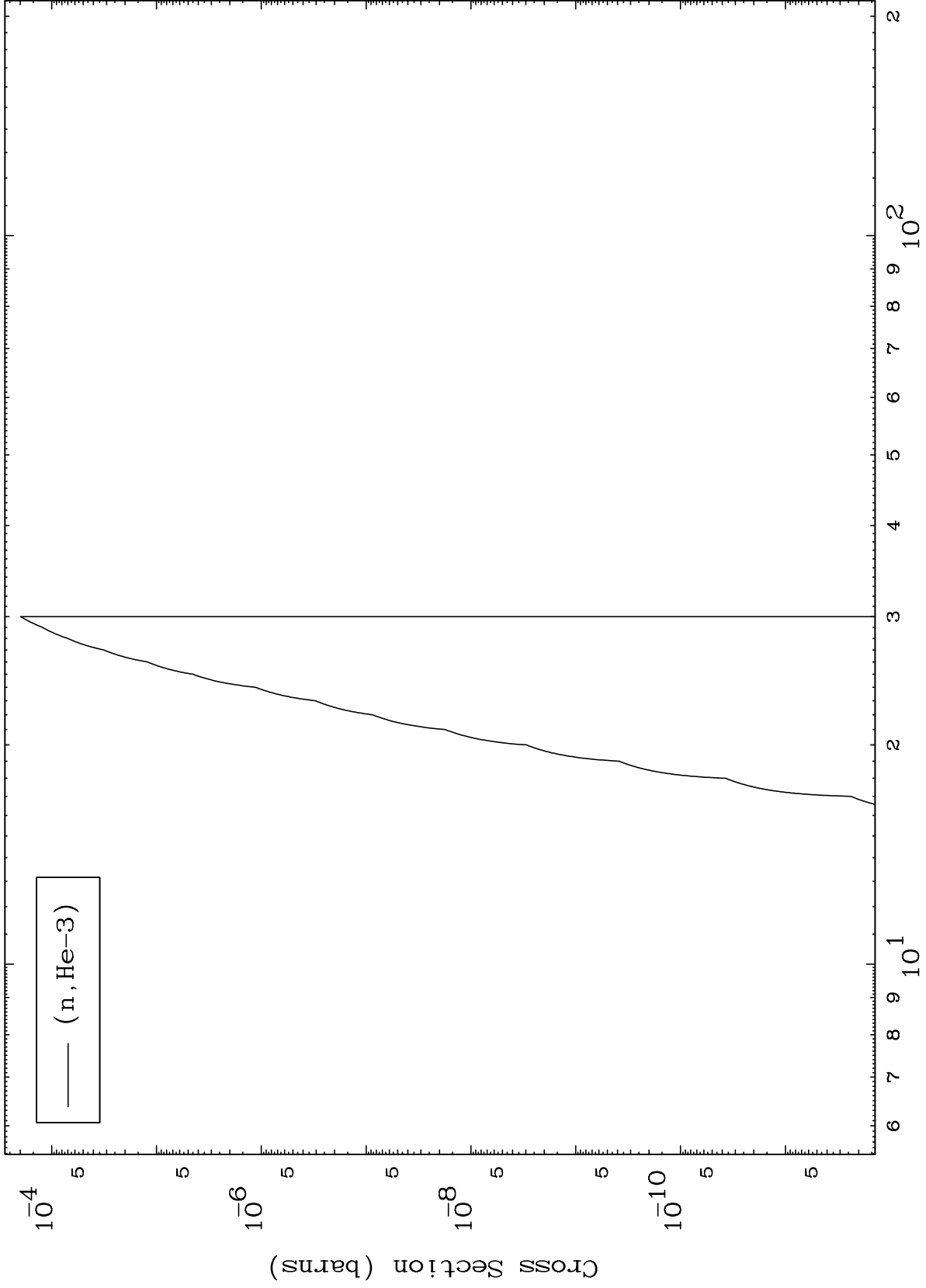
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-194



13

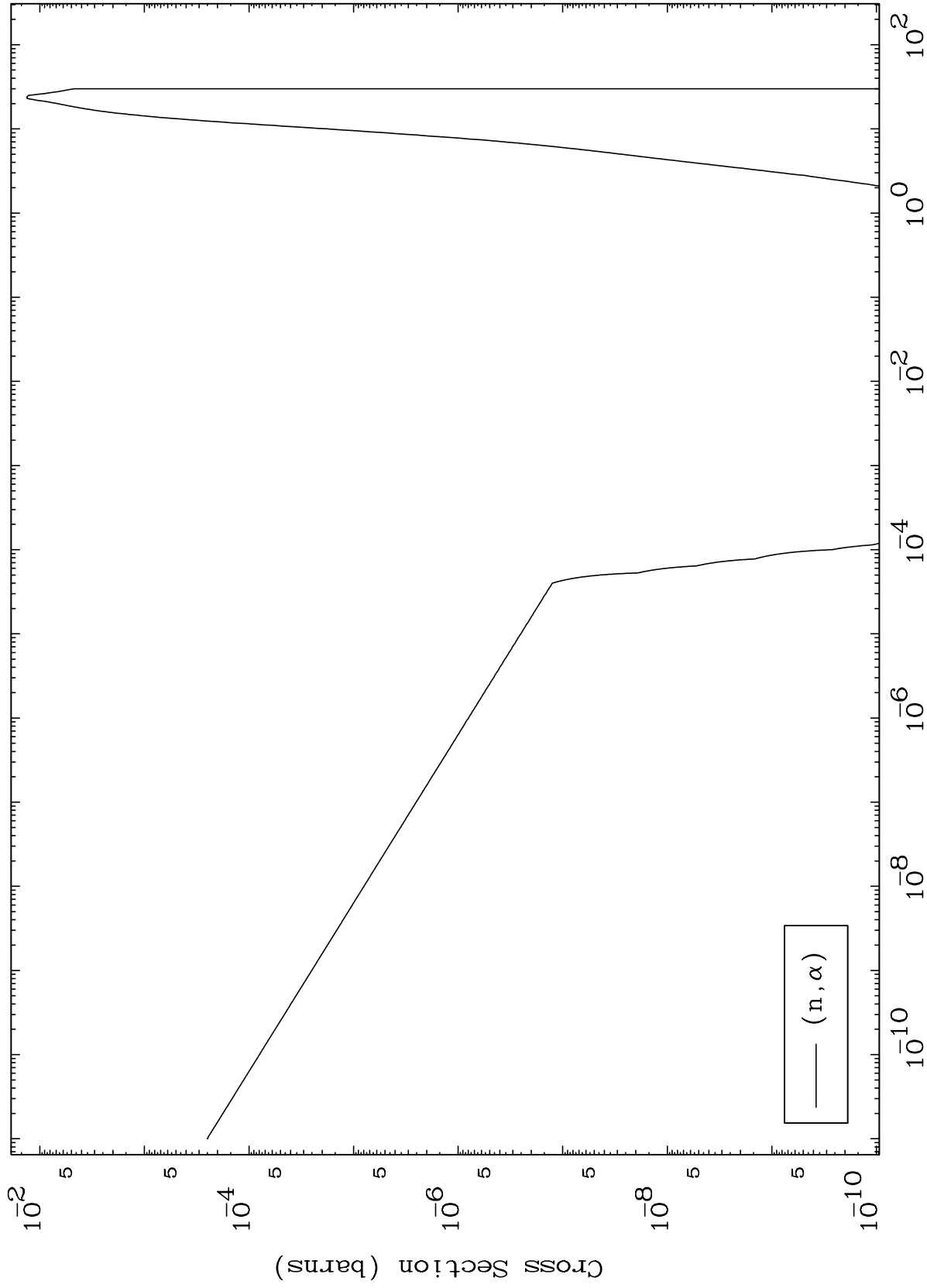
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n, α) Levels
293 Kelvin Cross Sections

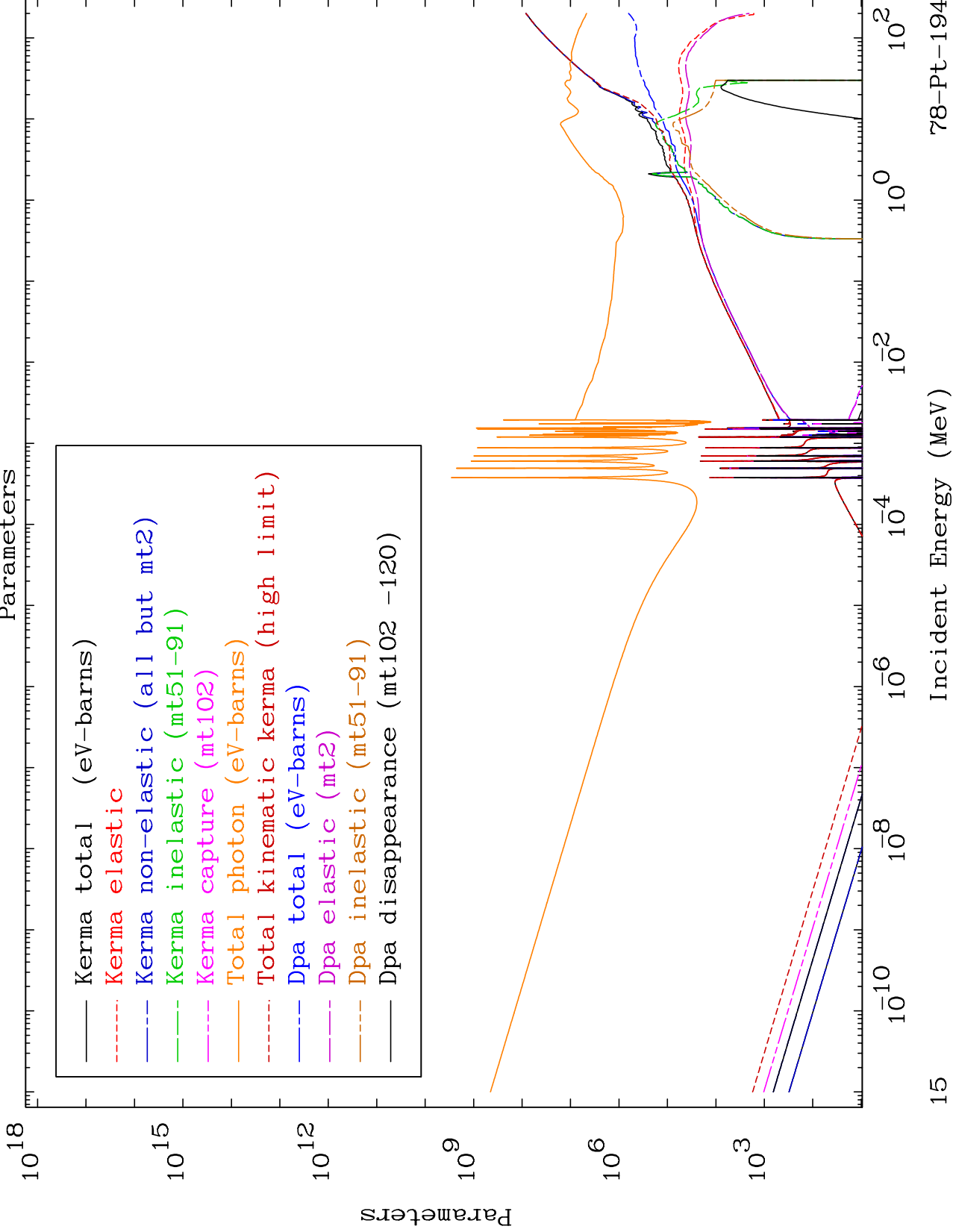
78-Pt-194

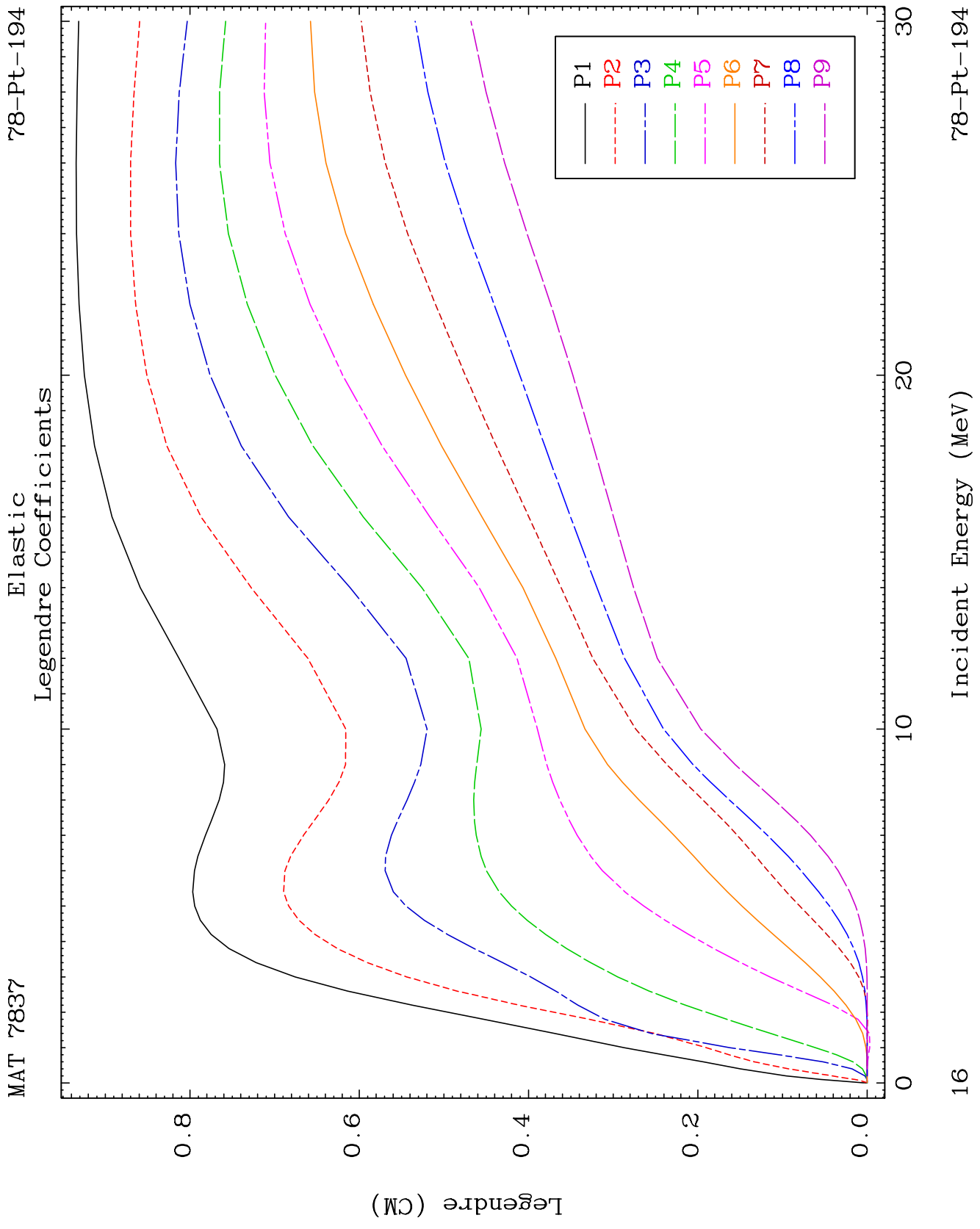


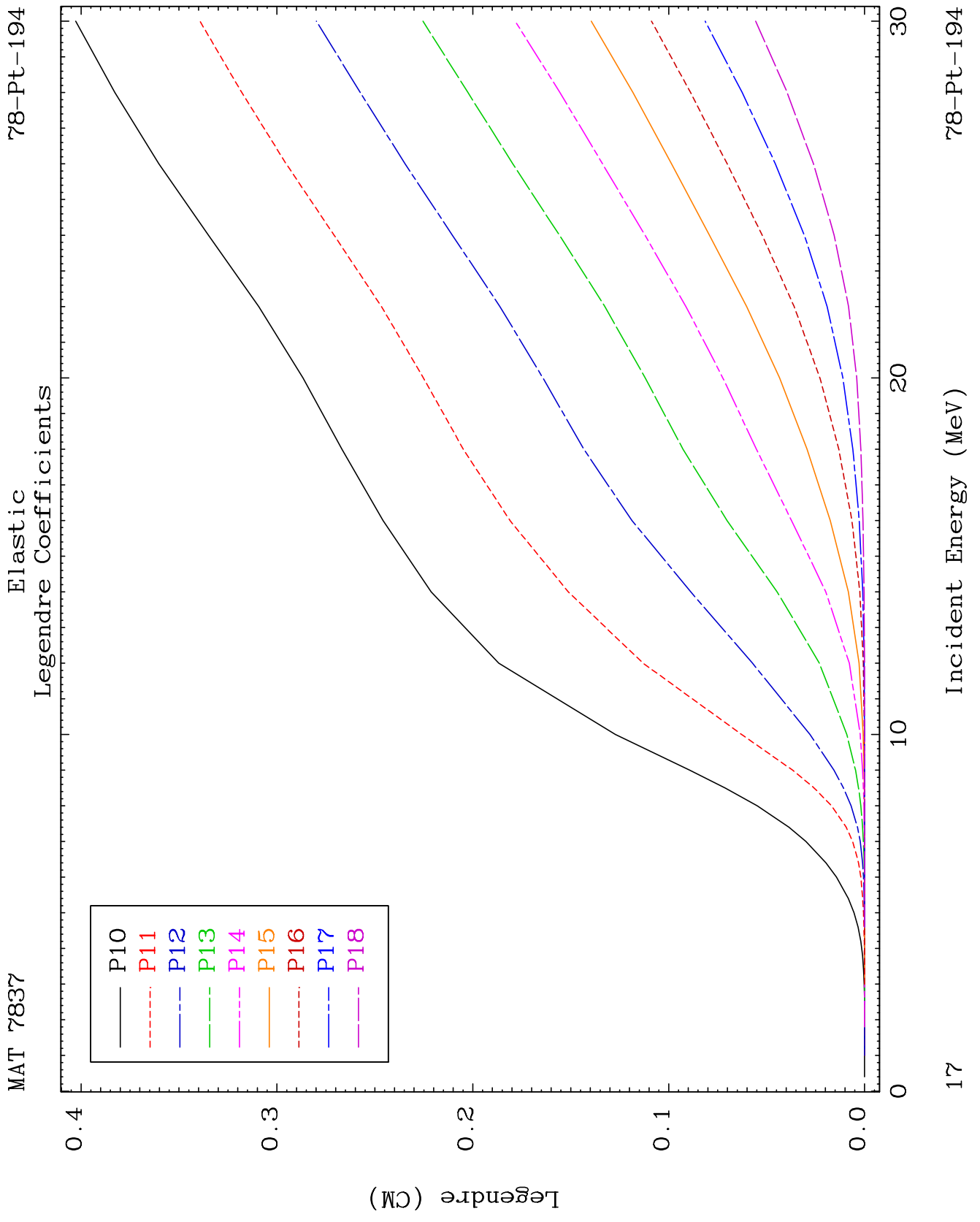
14

Incident Energy (MeV)

78-Pt-194



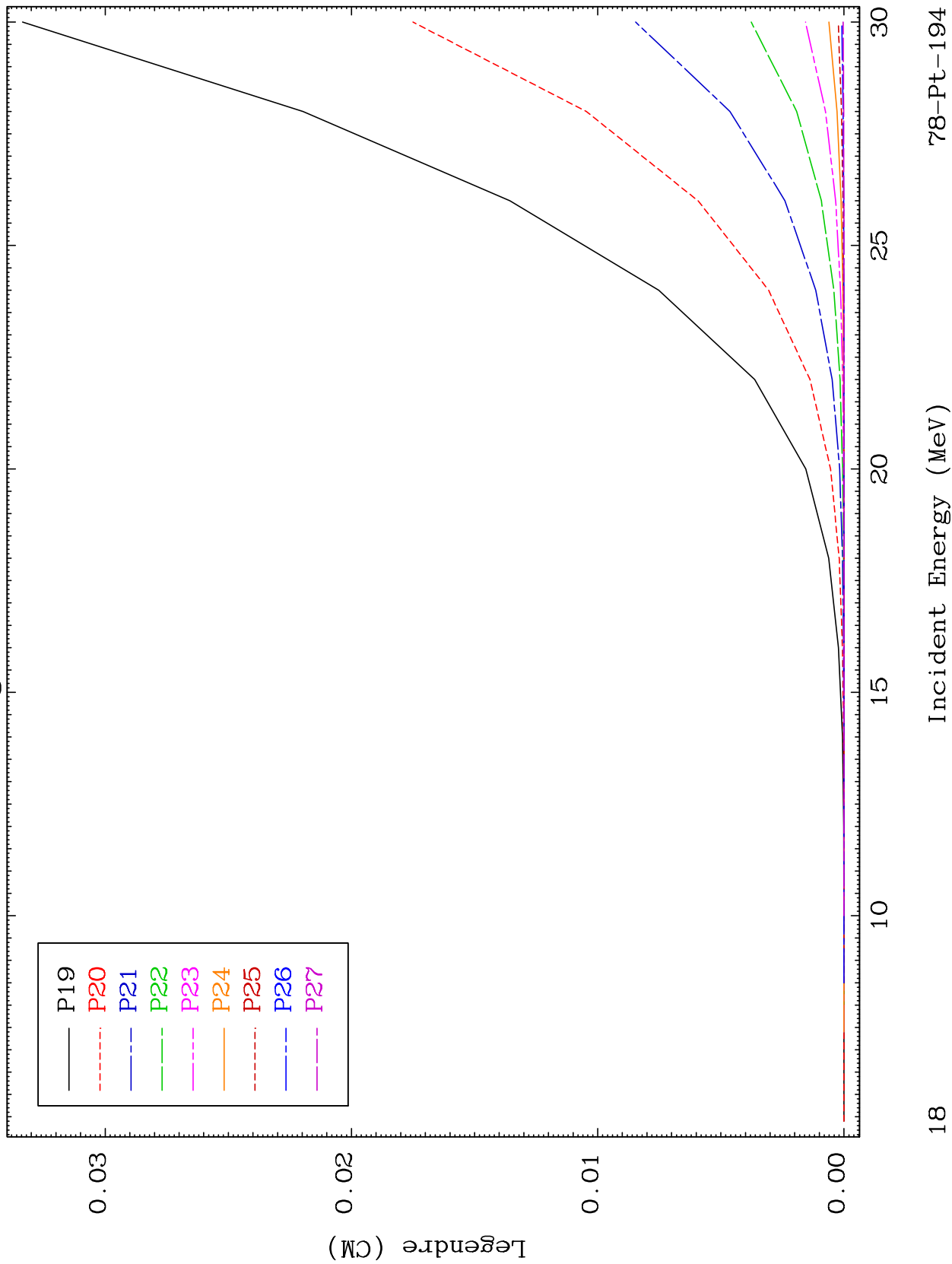




MAT 7837

Elastic Legendre Coefficients

78-Pt-194



18

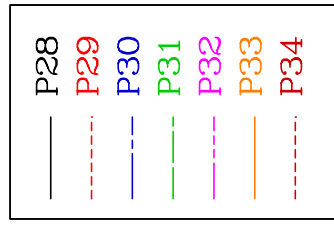
Incident Energy (MeV)

78-Pt-194

MAT 7837

Elastic Legendre Coefficients

78-Pt-194



$\times 10^{-5}$
1.0
0.8
0.6
0.4
0.2
0.0

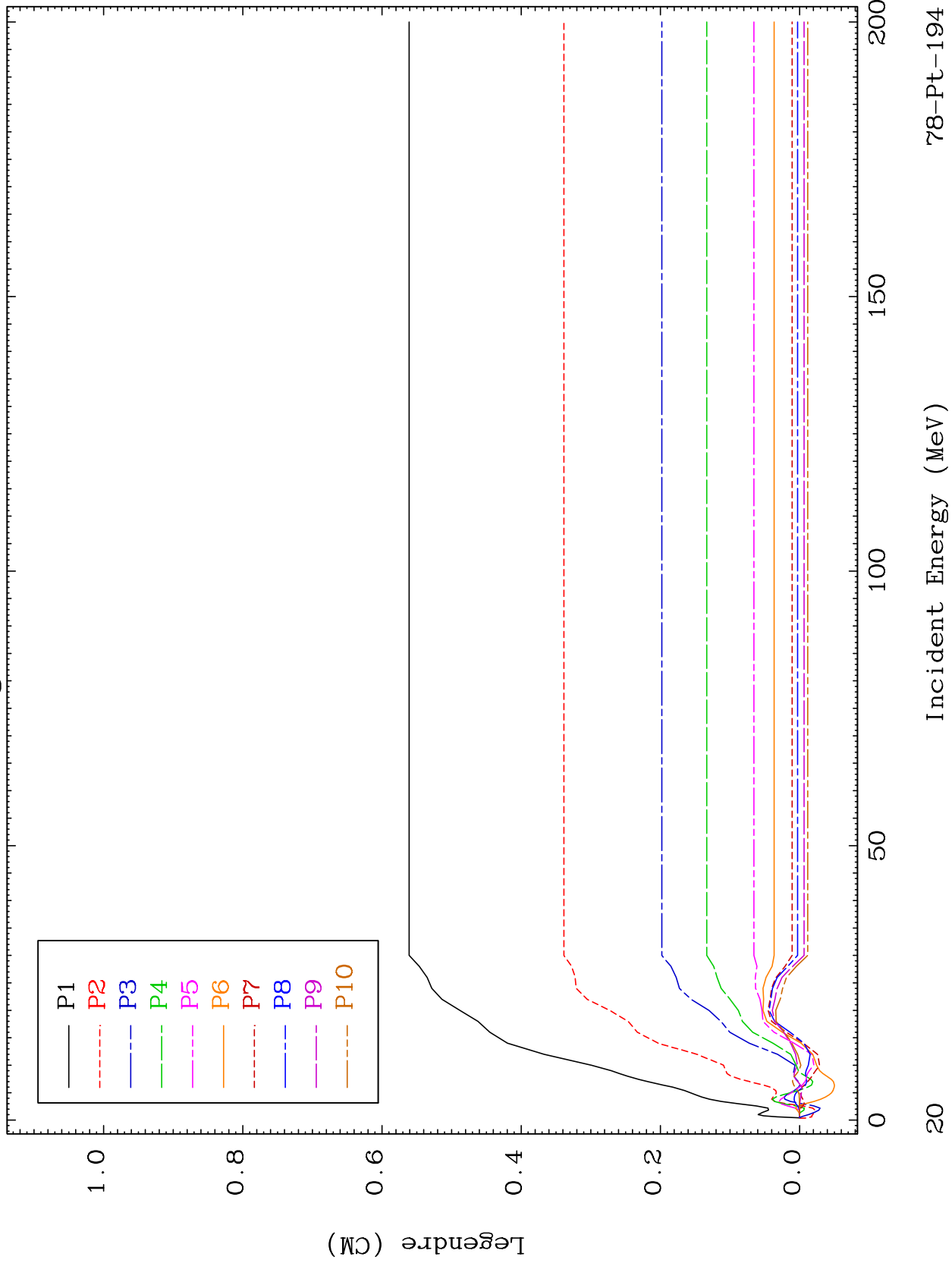
Legendre (CM)



MAT 7837

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

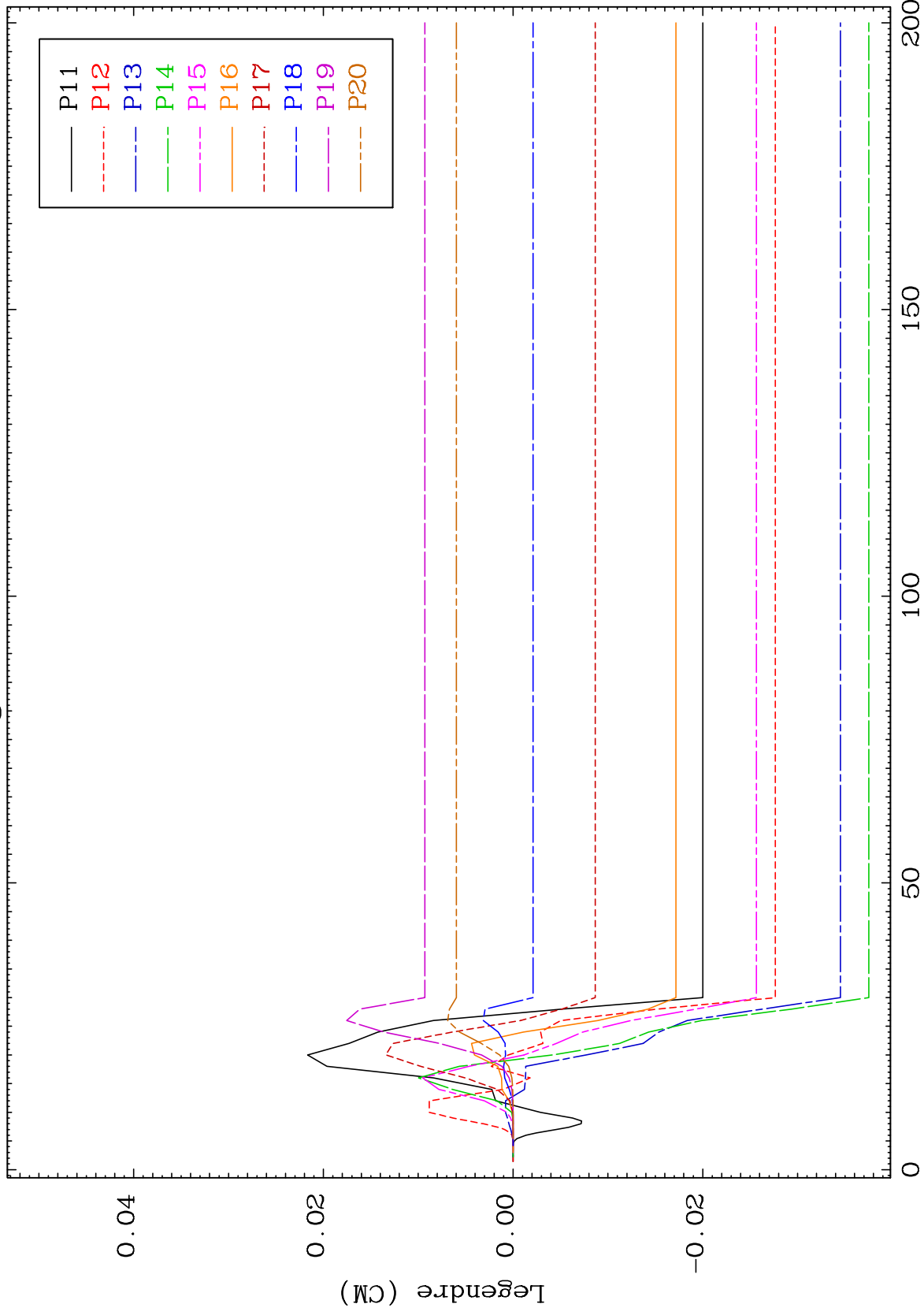
78-Pt-194

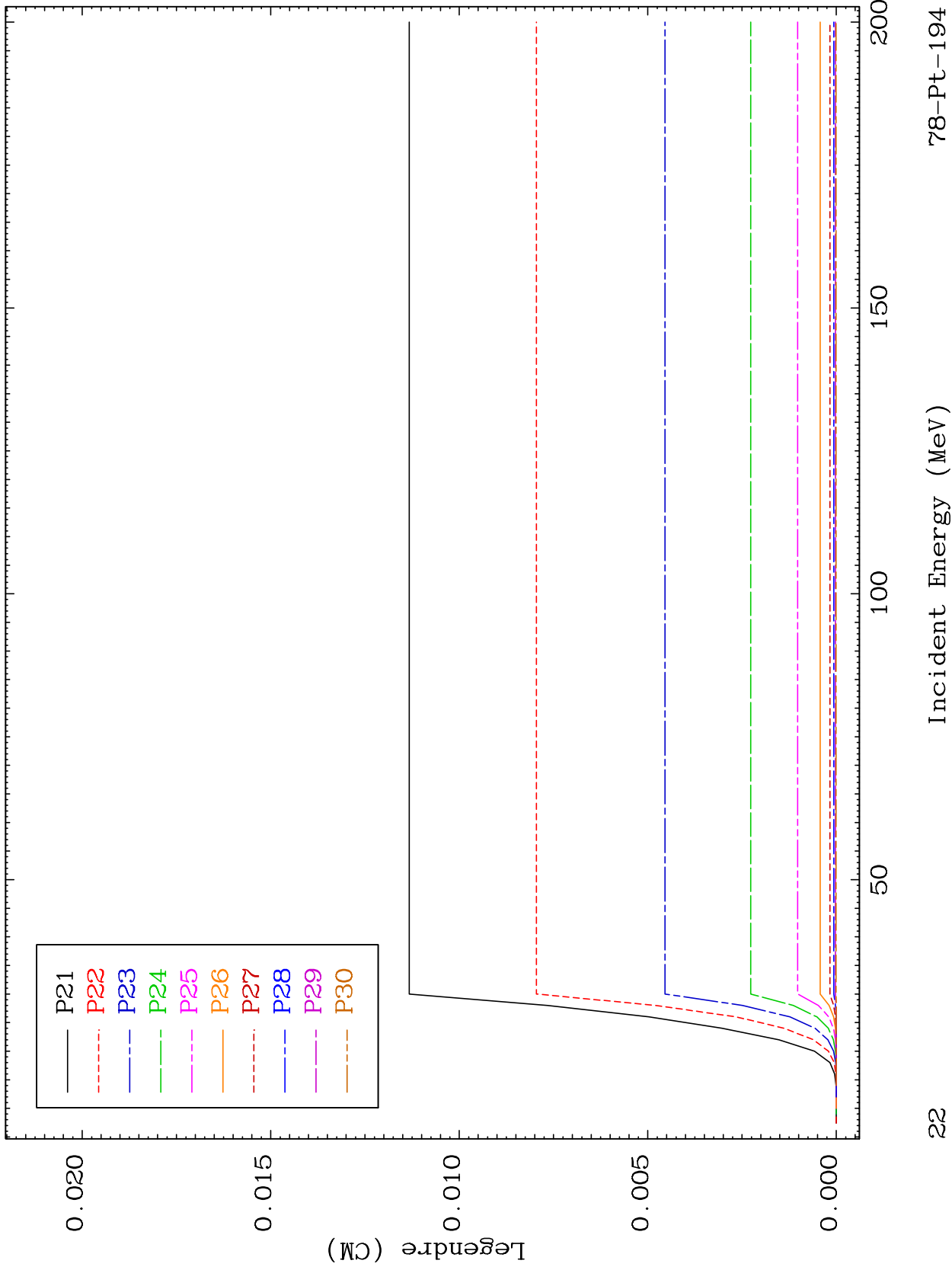


MAT 7837

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

78-Pt-194

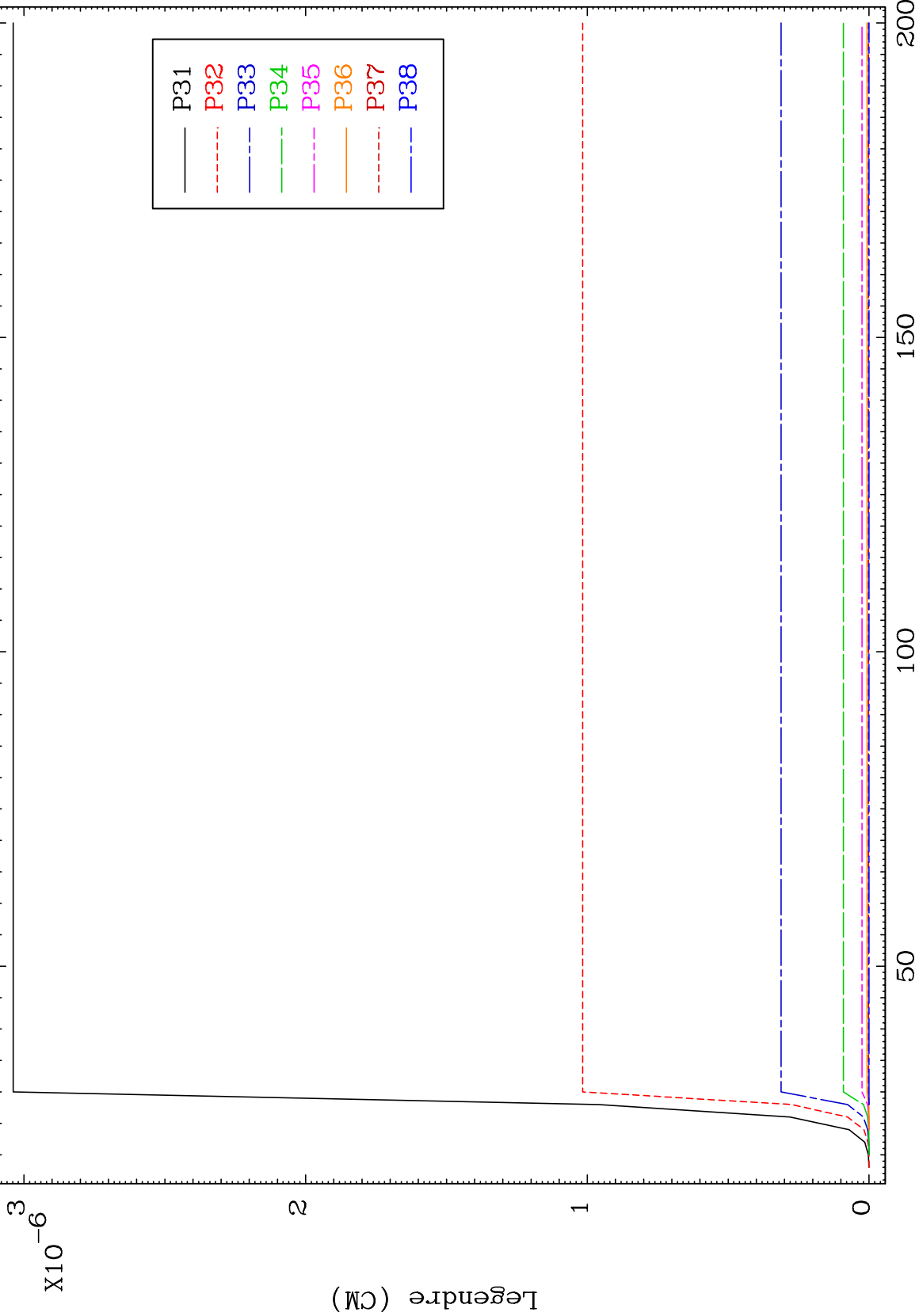




MAT 7837

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

78-Pt-194



23

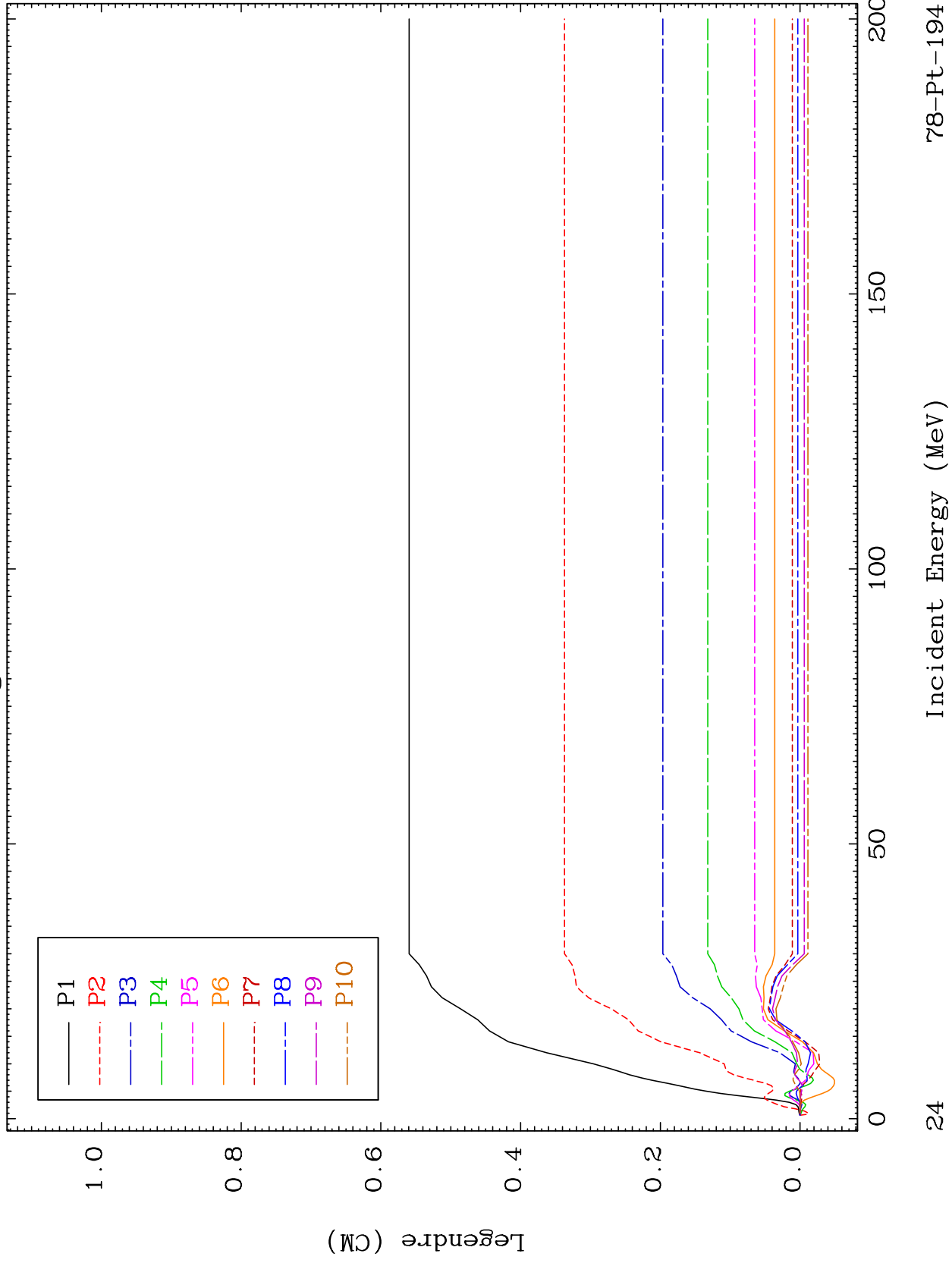
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

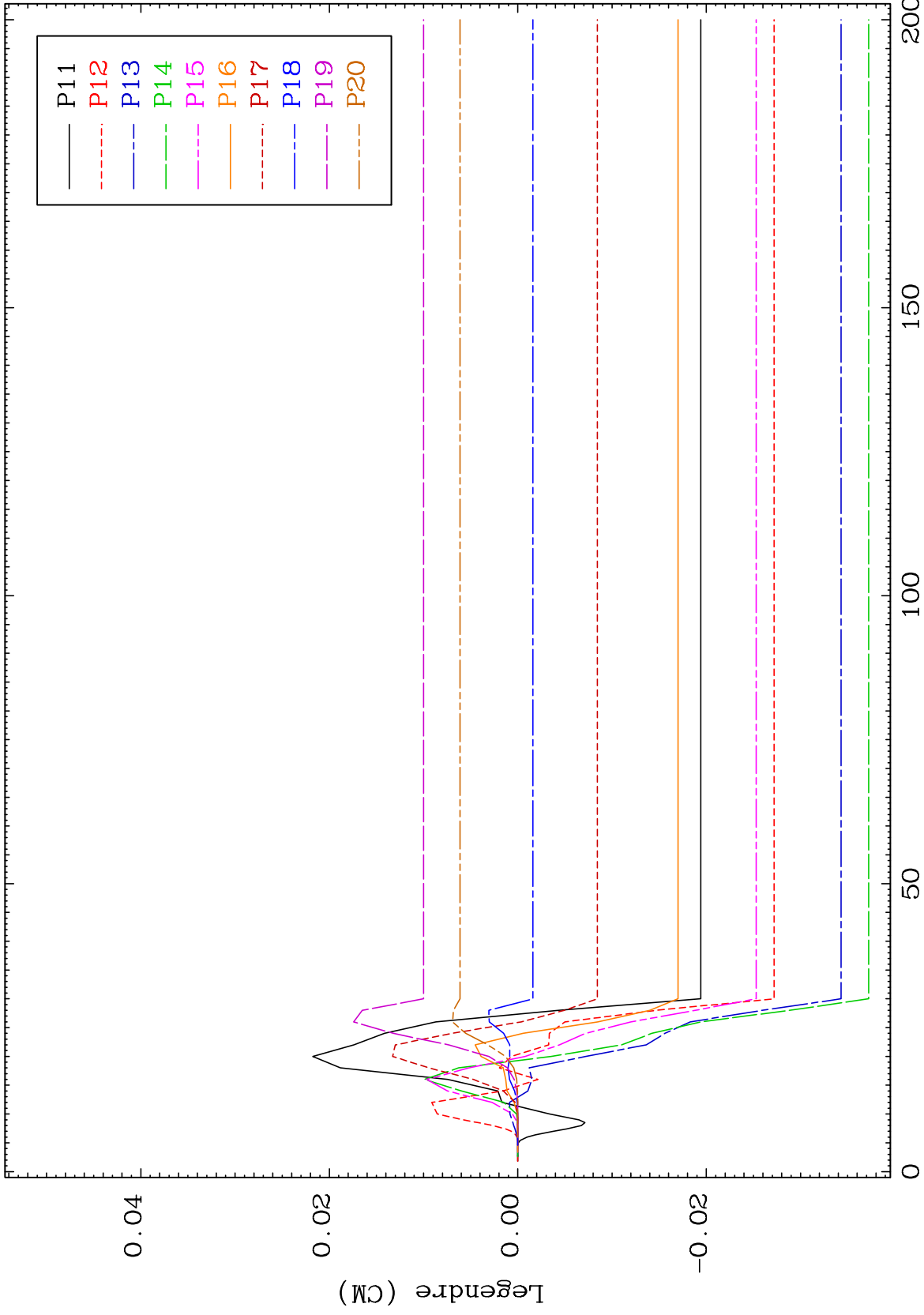
78-Pt-194



MAT 7837

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

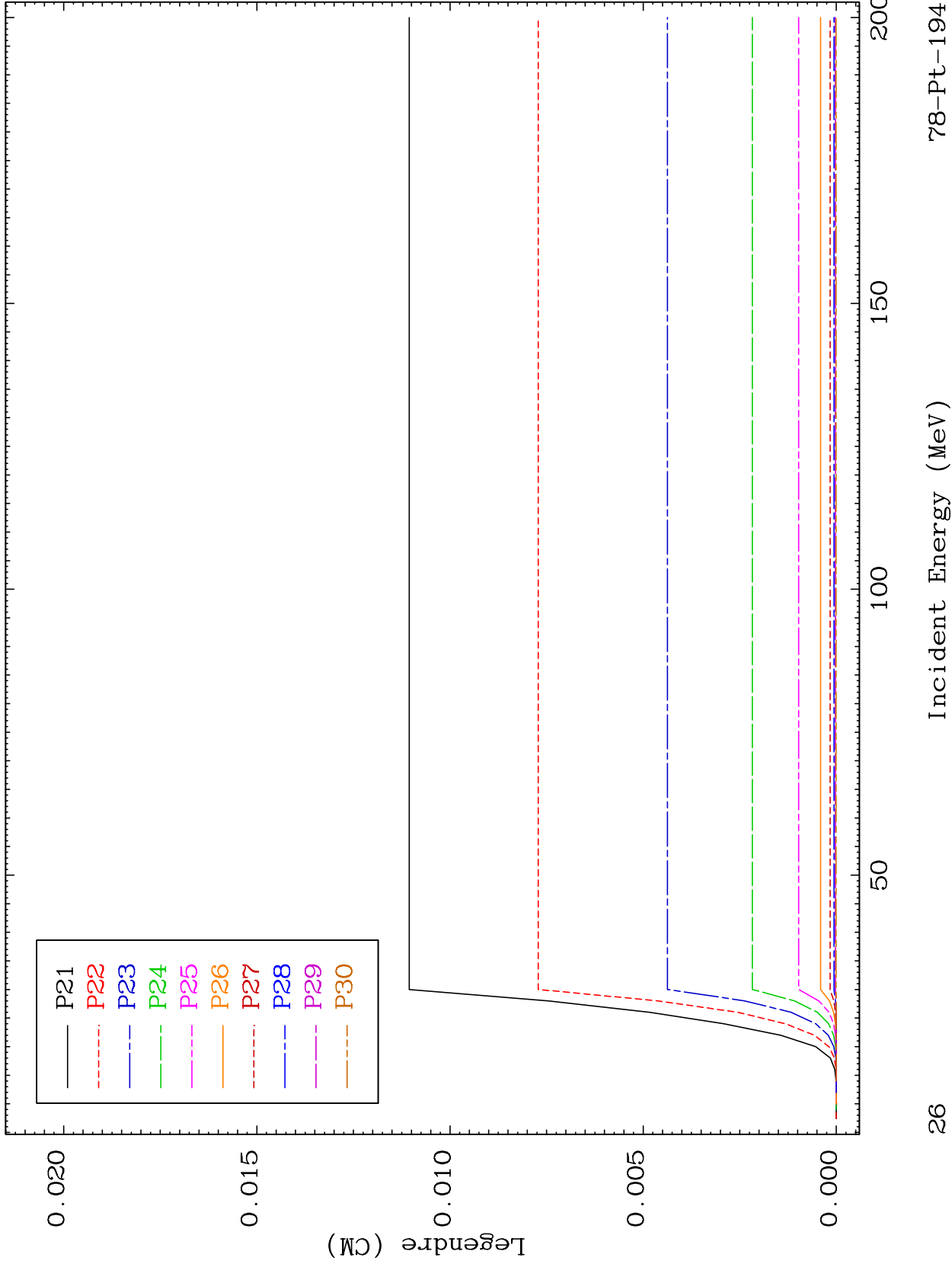
78-Pt-194



25

Incident Energy (MeV)

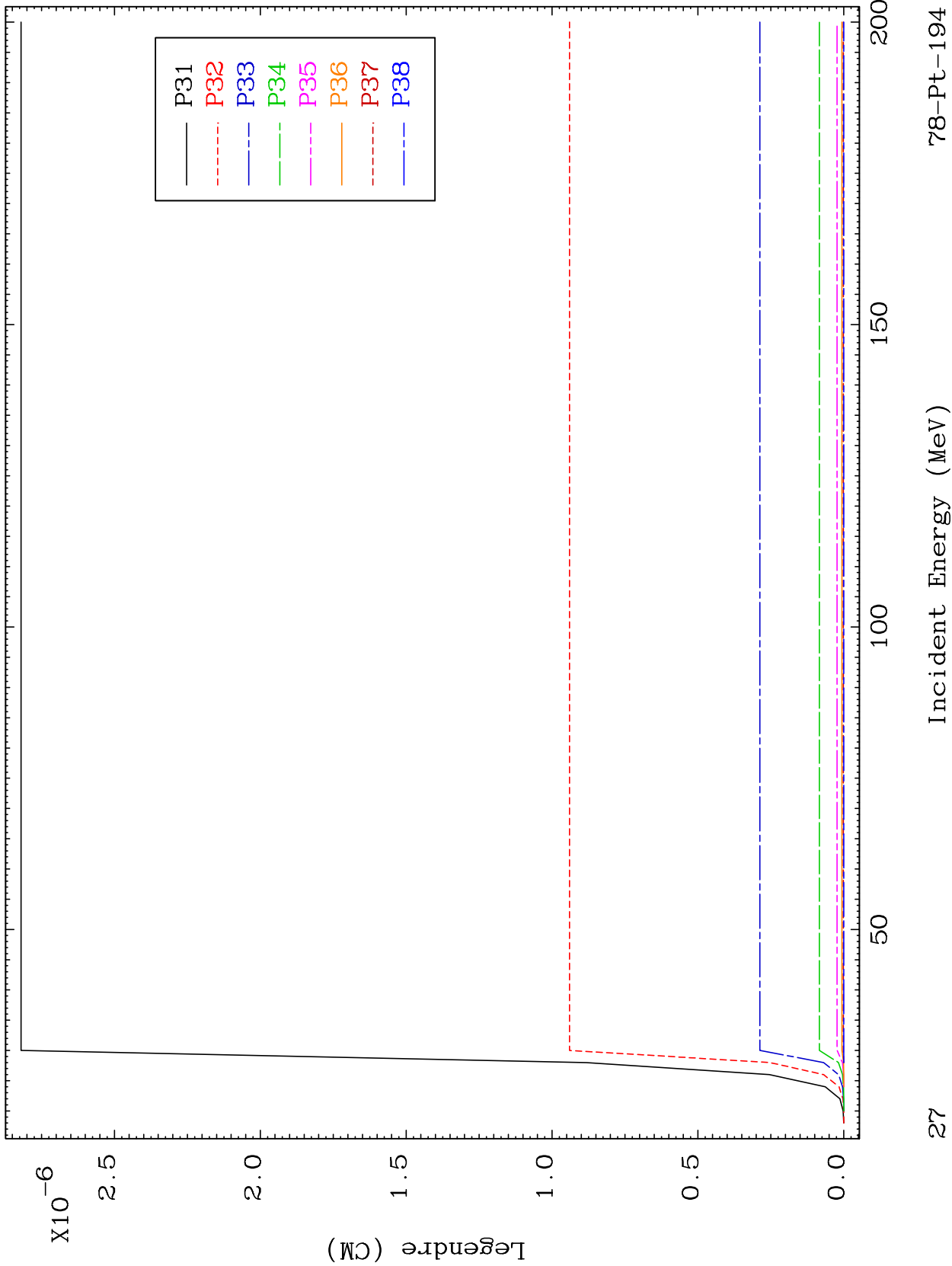
78-Pt-194



MAT 7837

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

78-Pt-194



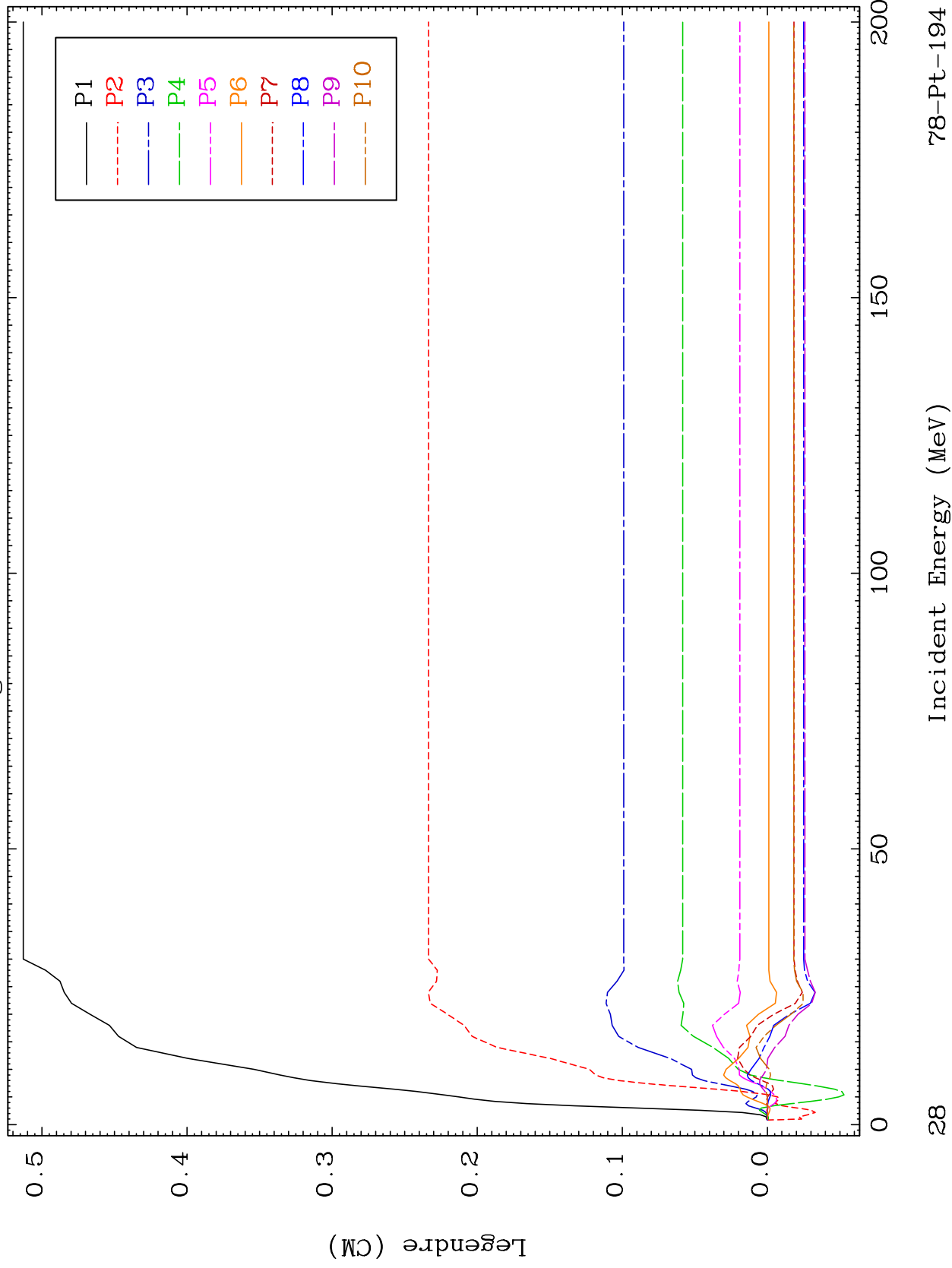
27

78-Pt-194

MAT 7837

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

78-Pt-194



78-Pt-194

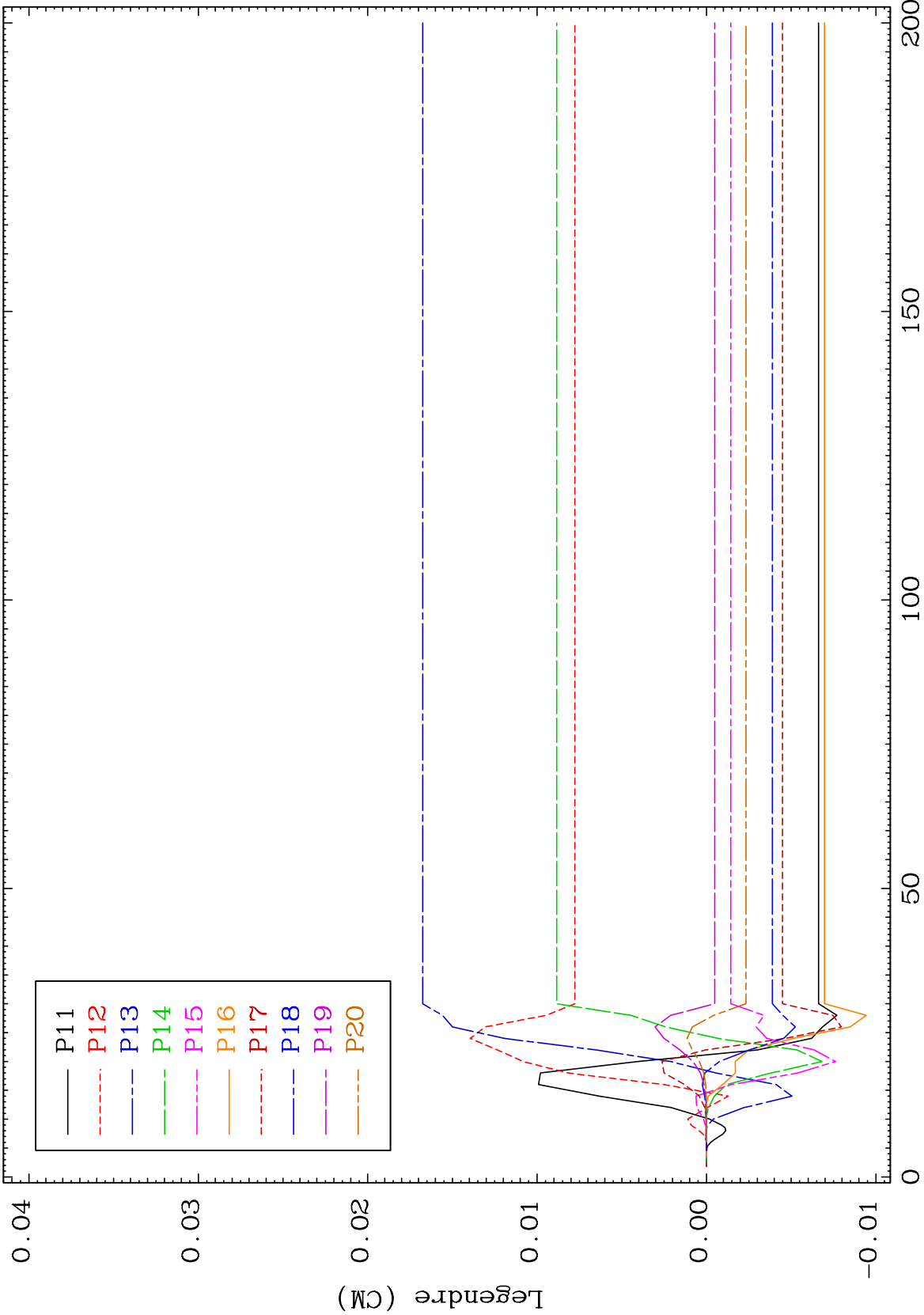
Incident Energy (MeV)

28

MAT 7837

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

78-Pt-194



29

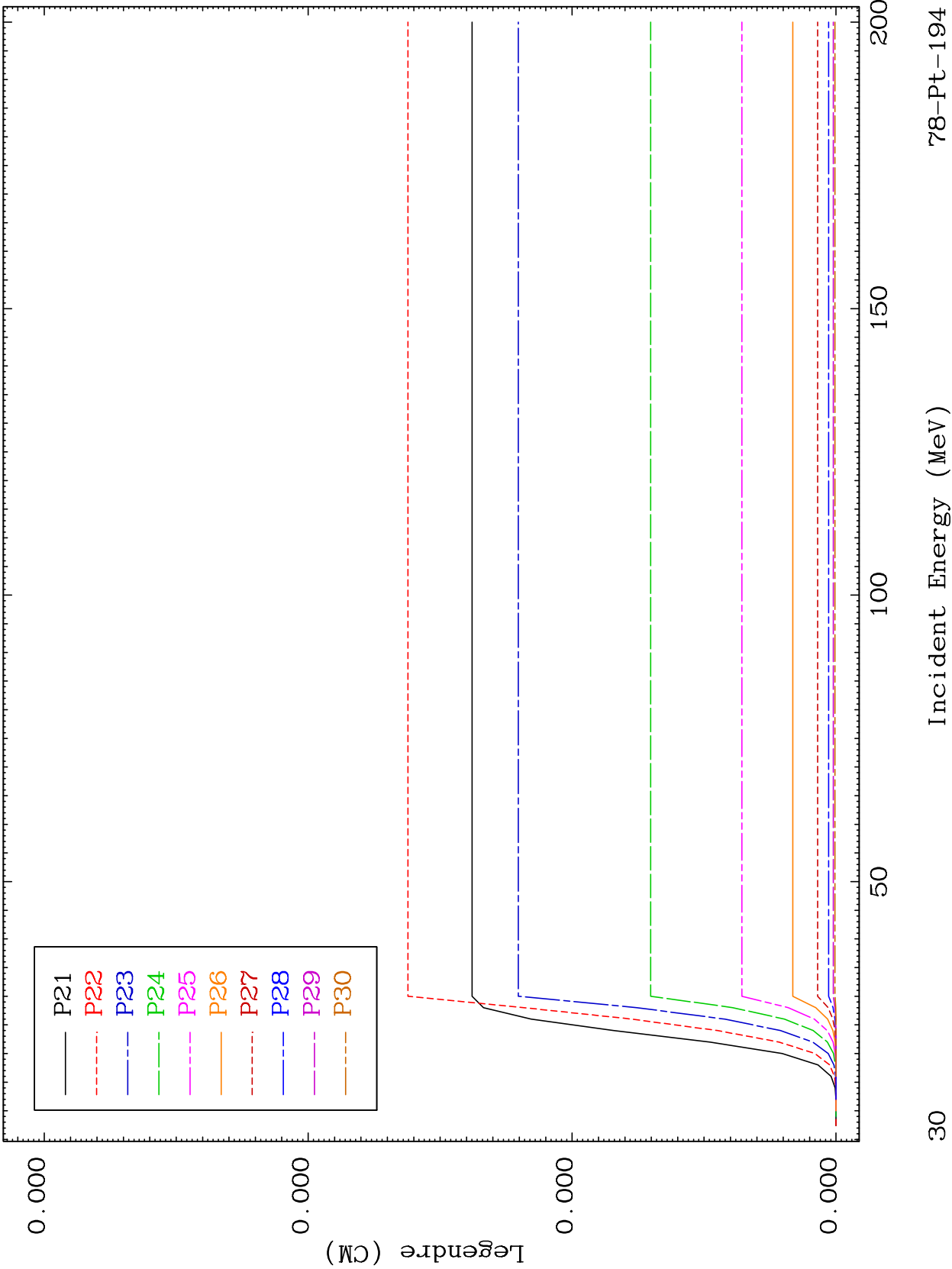
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194



30

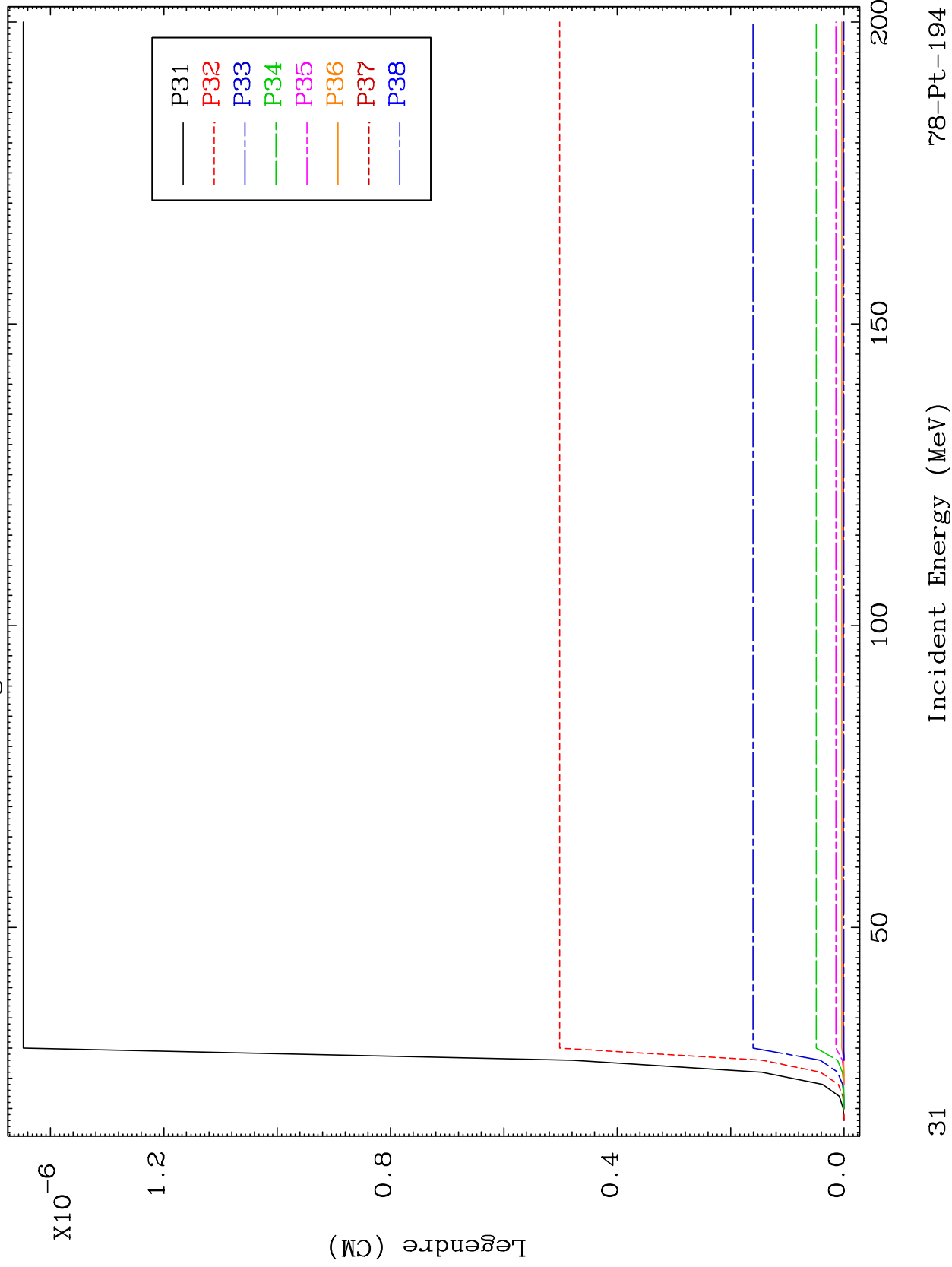
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194

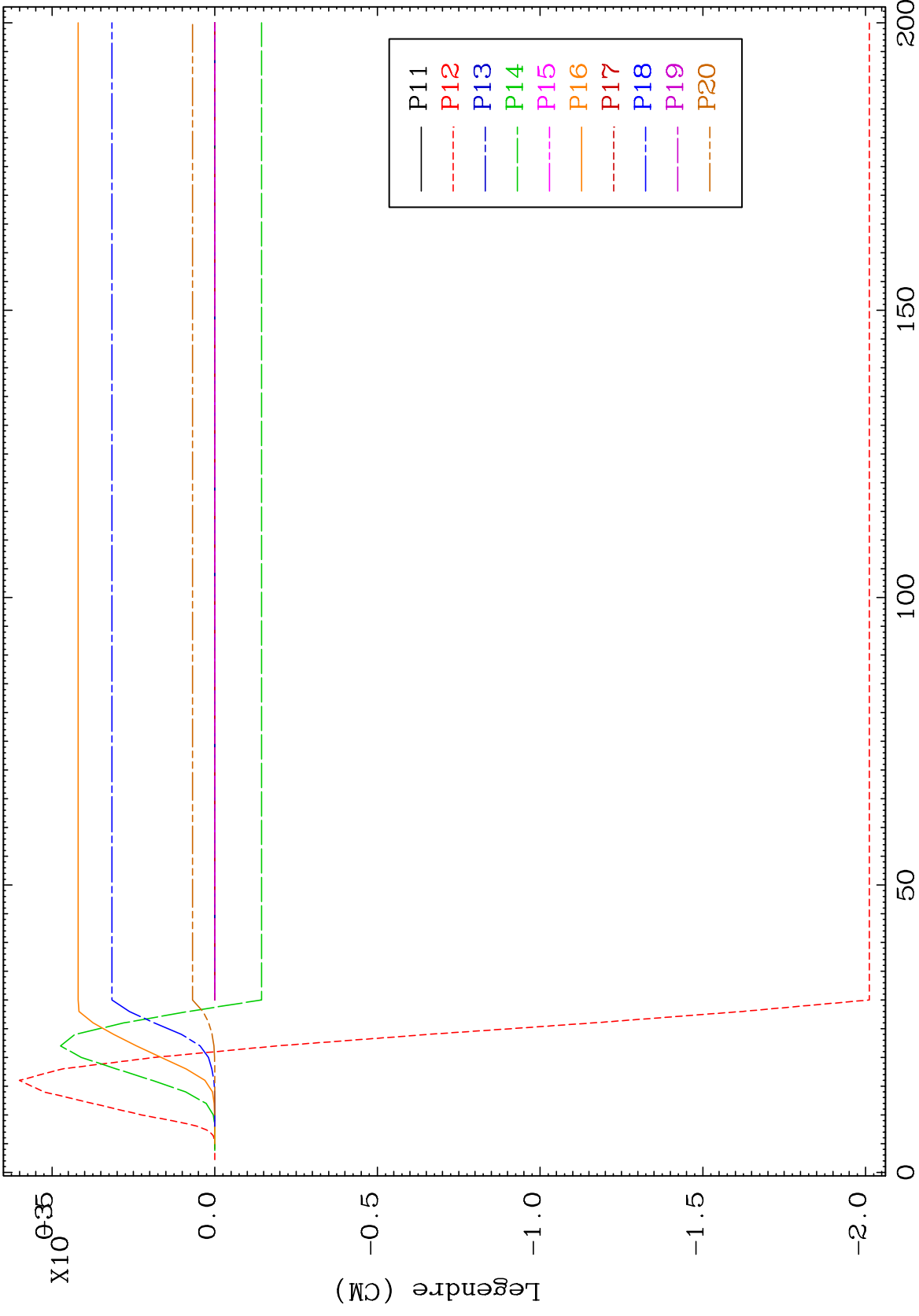


31

MAT 7837

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

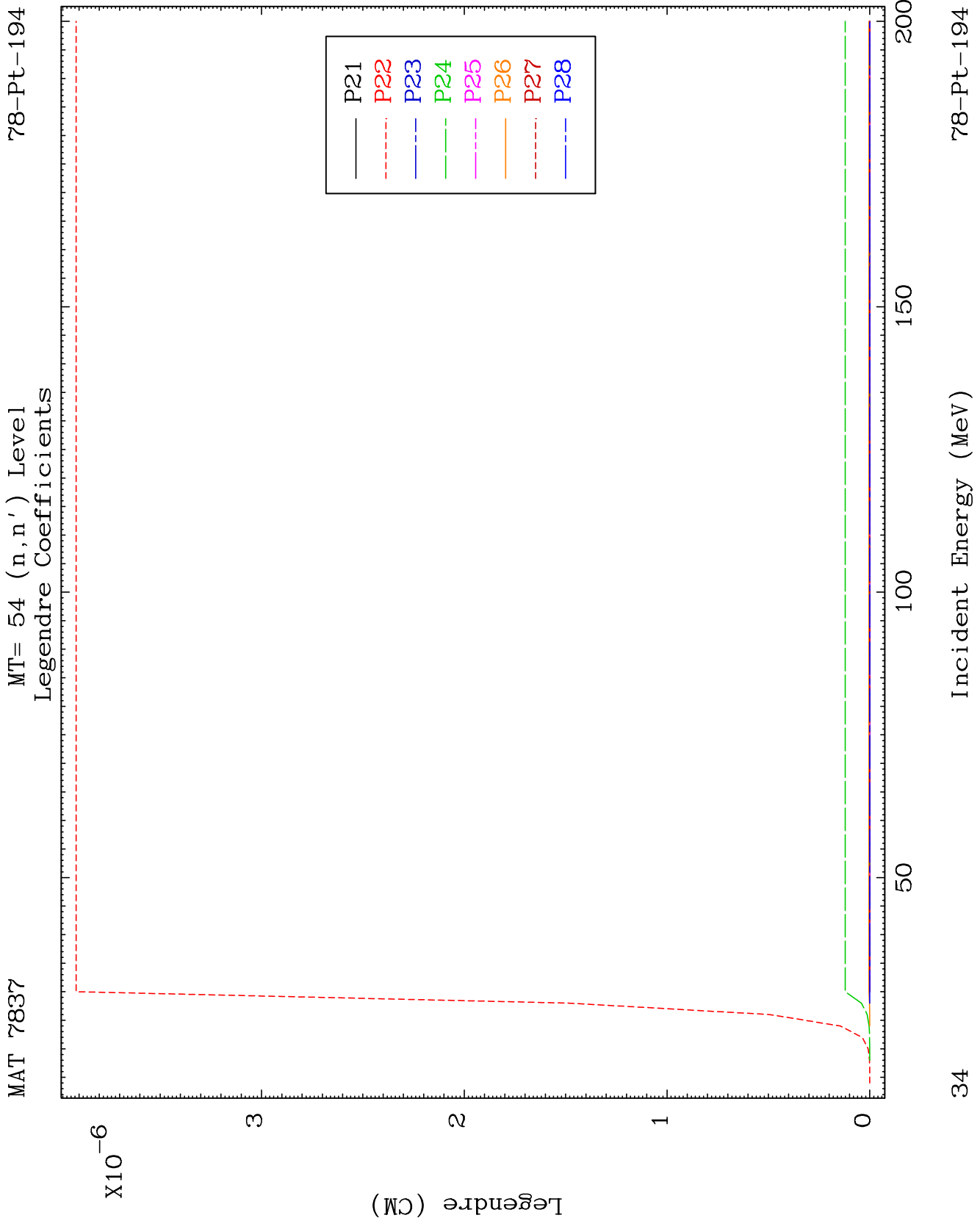
78-Pt-194



33

Incident Energy (MeV)

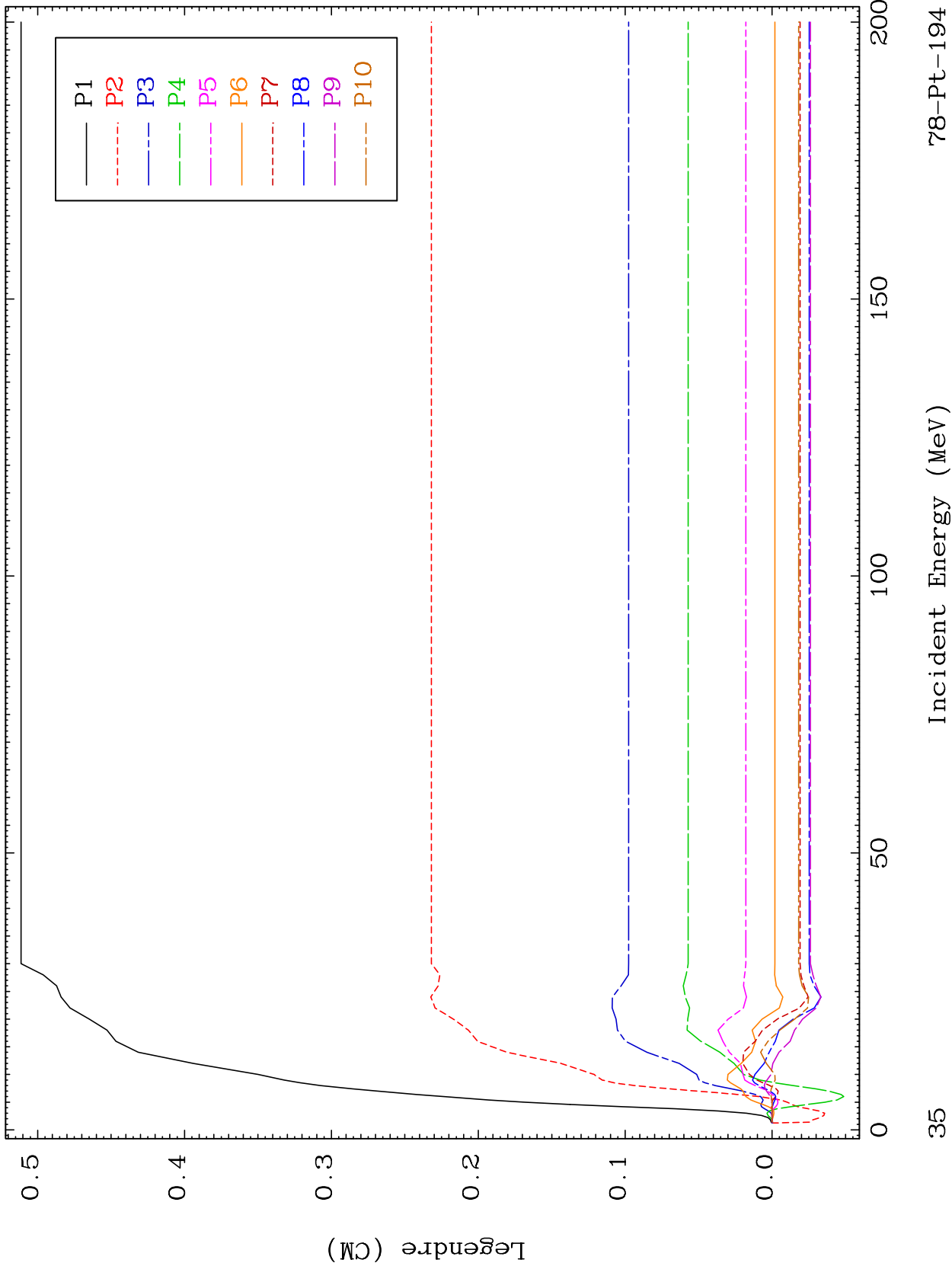
78-Pt-194



MAT 7837

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

78-Pt-194



78-Pt-194

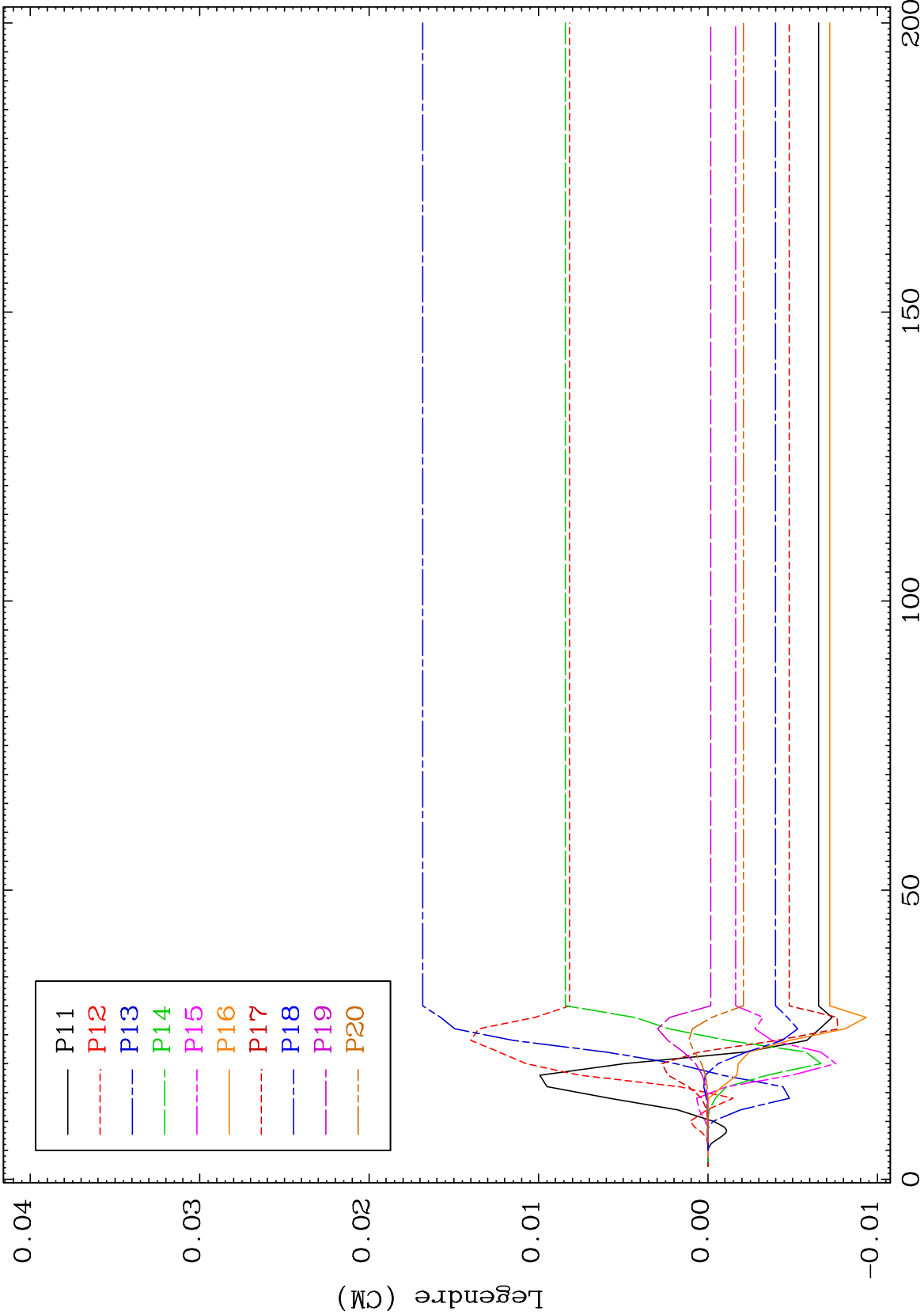
Incident Energy (MeV)

35

MAT 7837

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

78-Pt-194



36

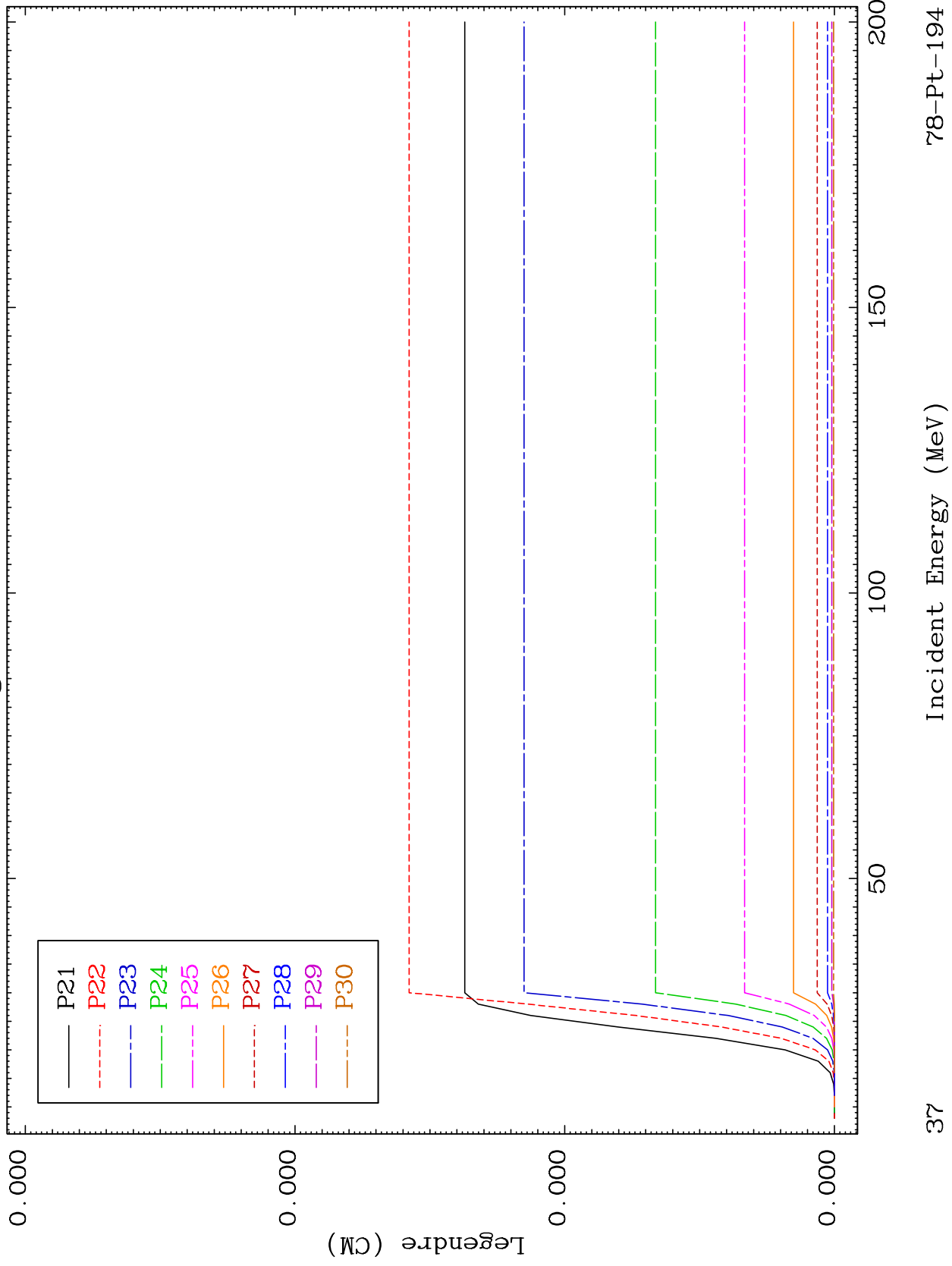
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194



37

Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194

$\times 10^{-6}$
1.2

1.0

0.8

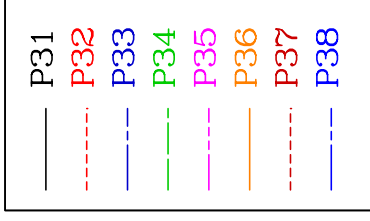
0.6

0.4

0.2

0.0

Legendre (CM)



50

100

150

200

38

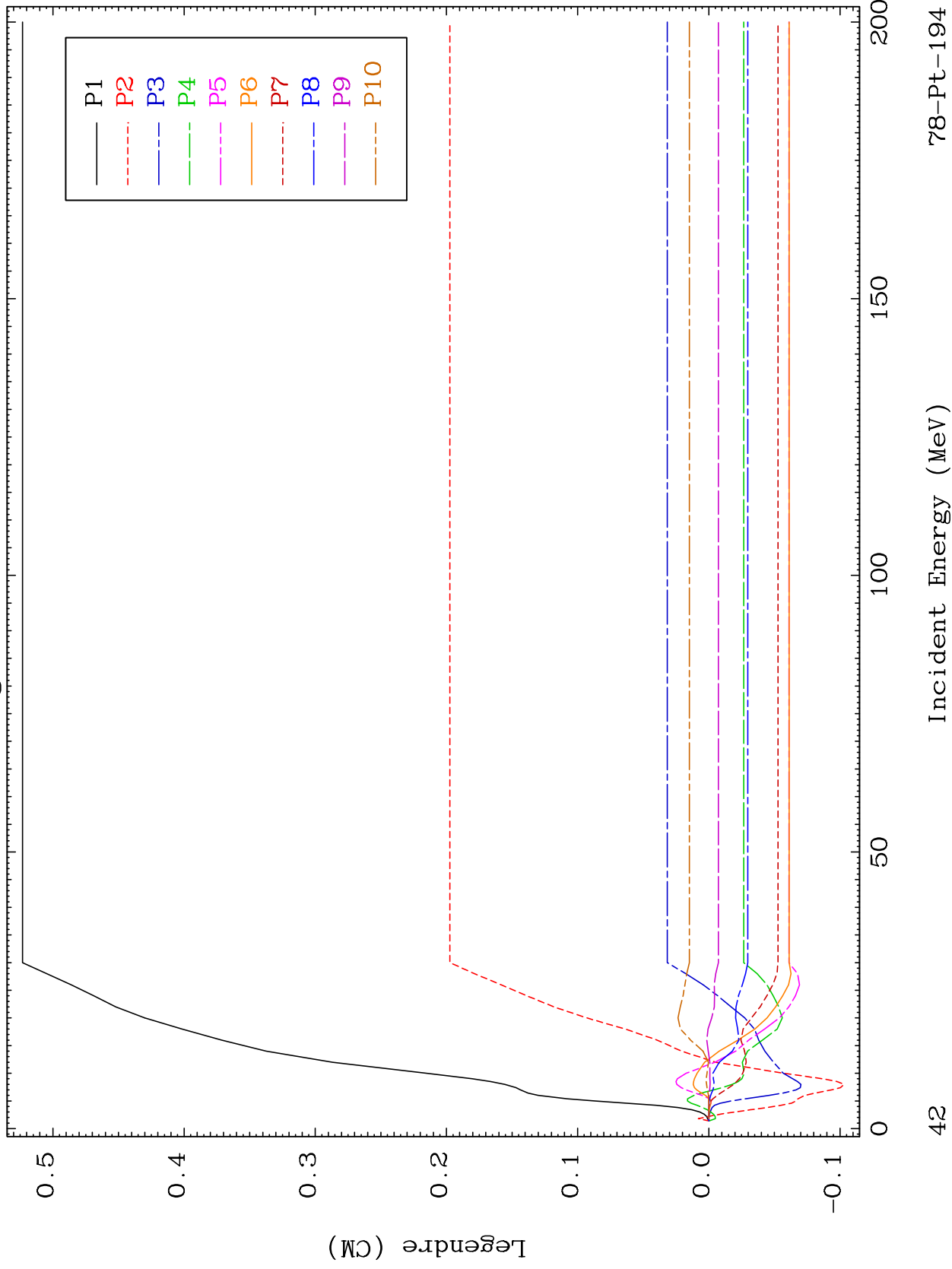
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194



78-Pt-194

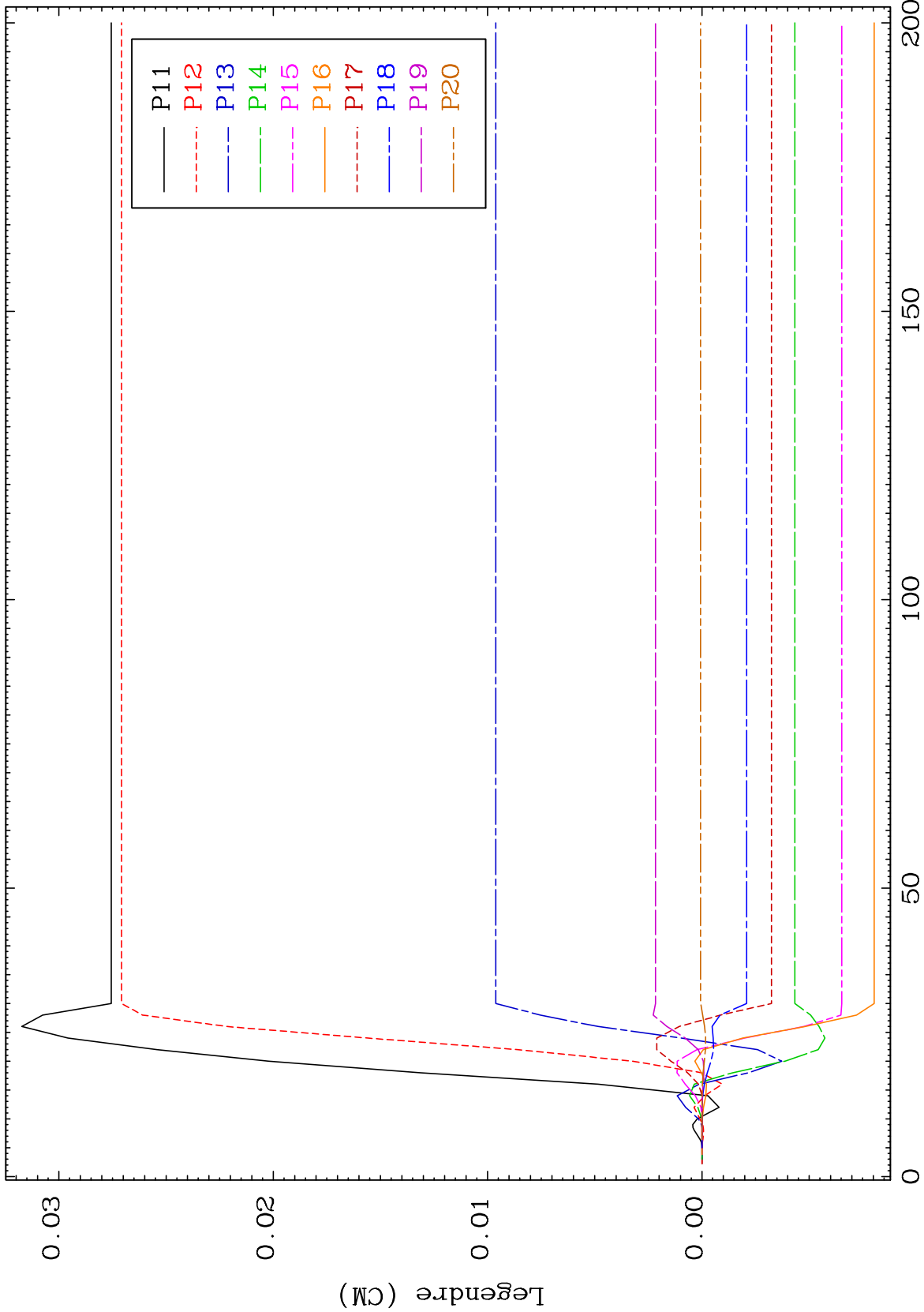
Incident Energy (MeV)

42

MAT 7837

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

78-Pt-194



43

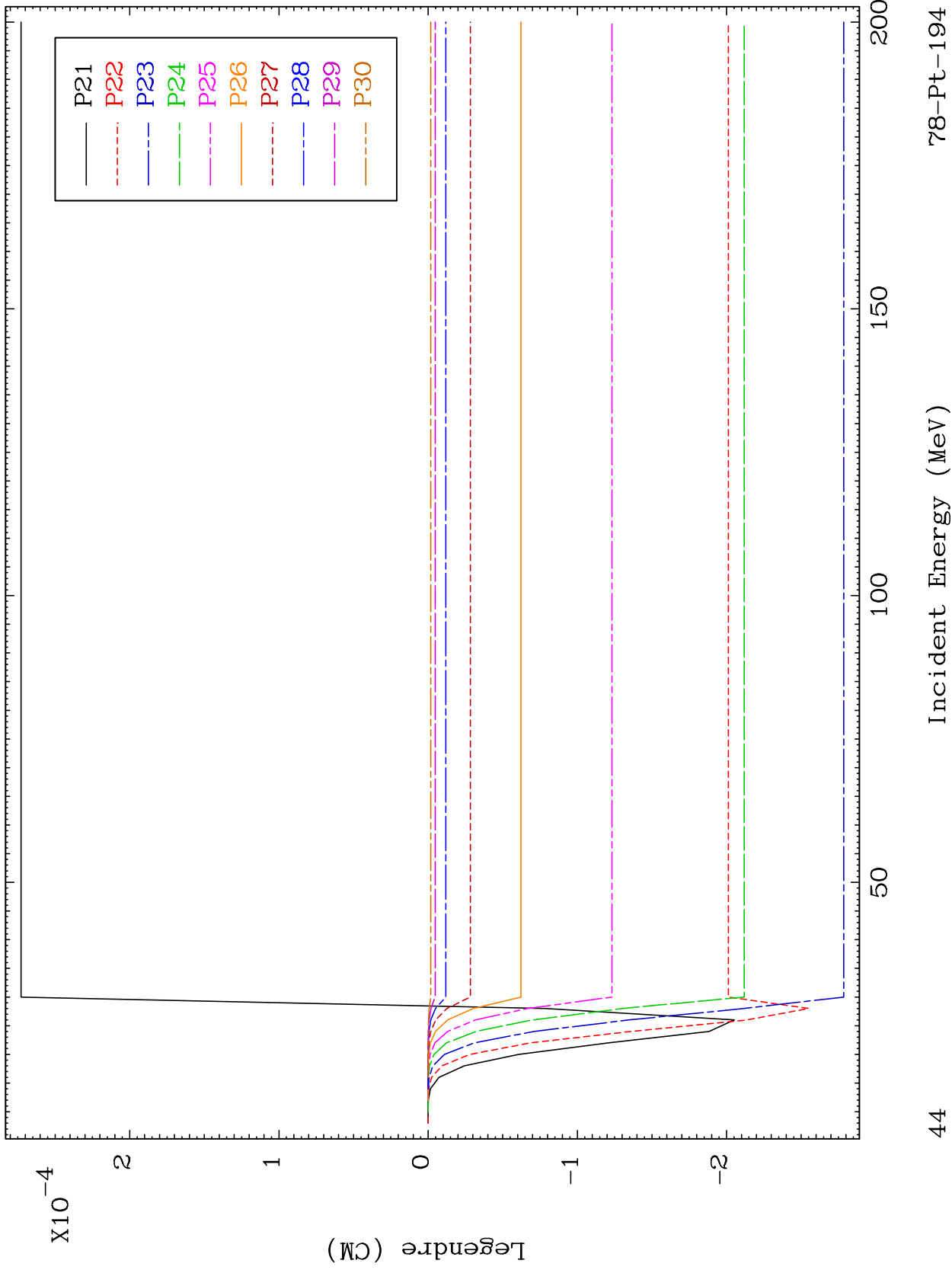
Incident Energy (MeV)

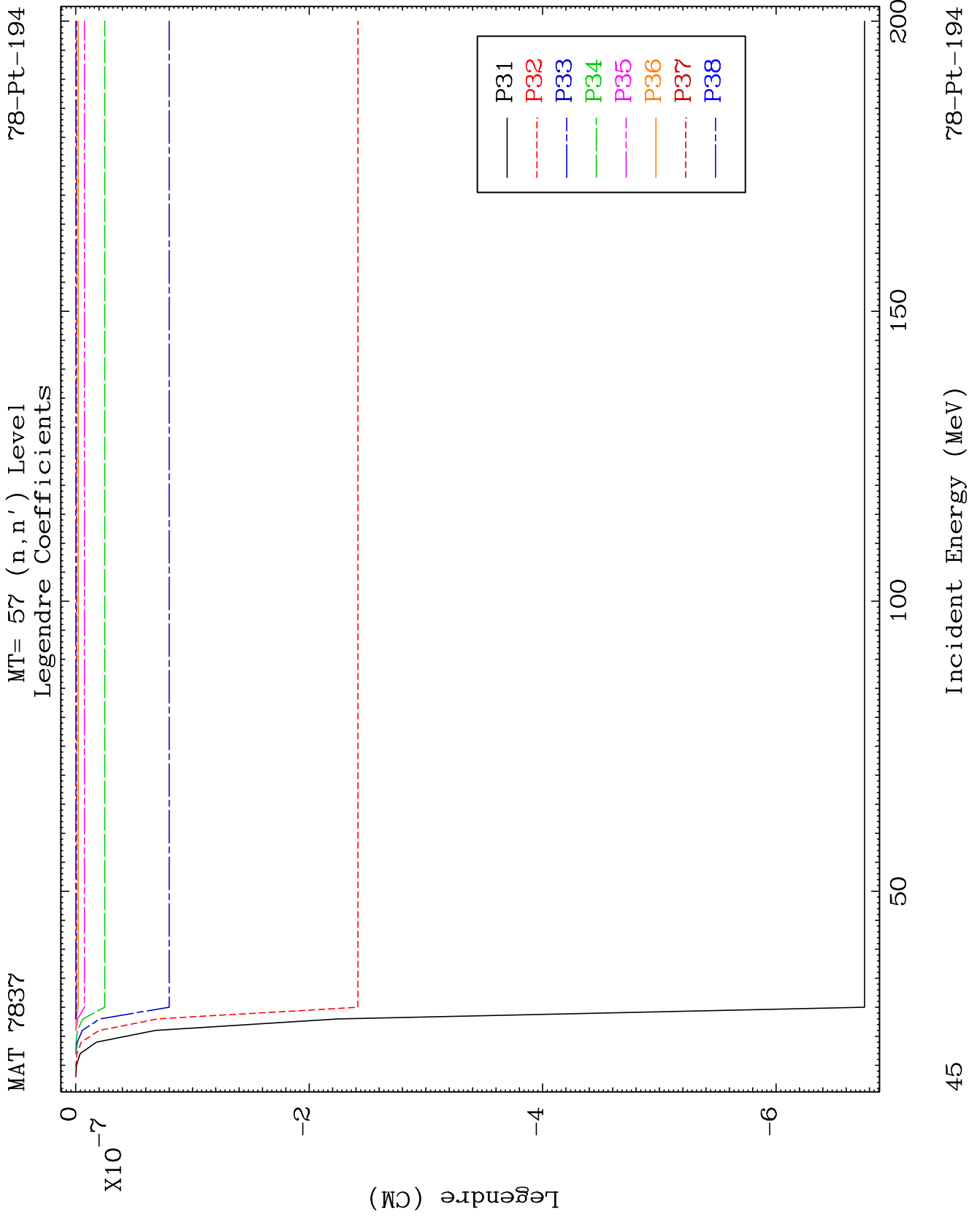
78-Pt-194

MAT 7837

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

78-Pt-194

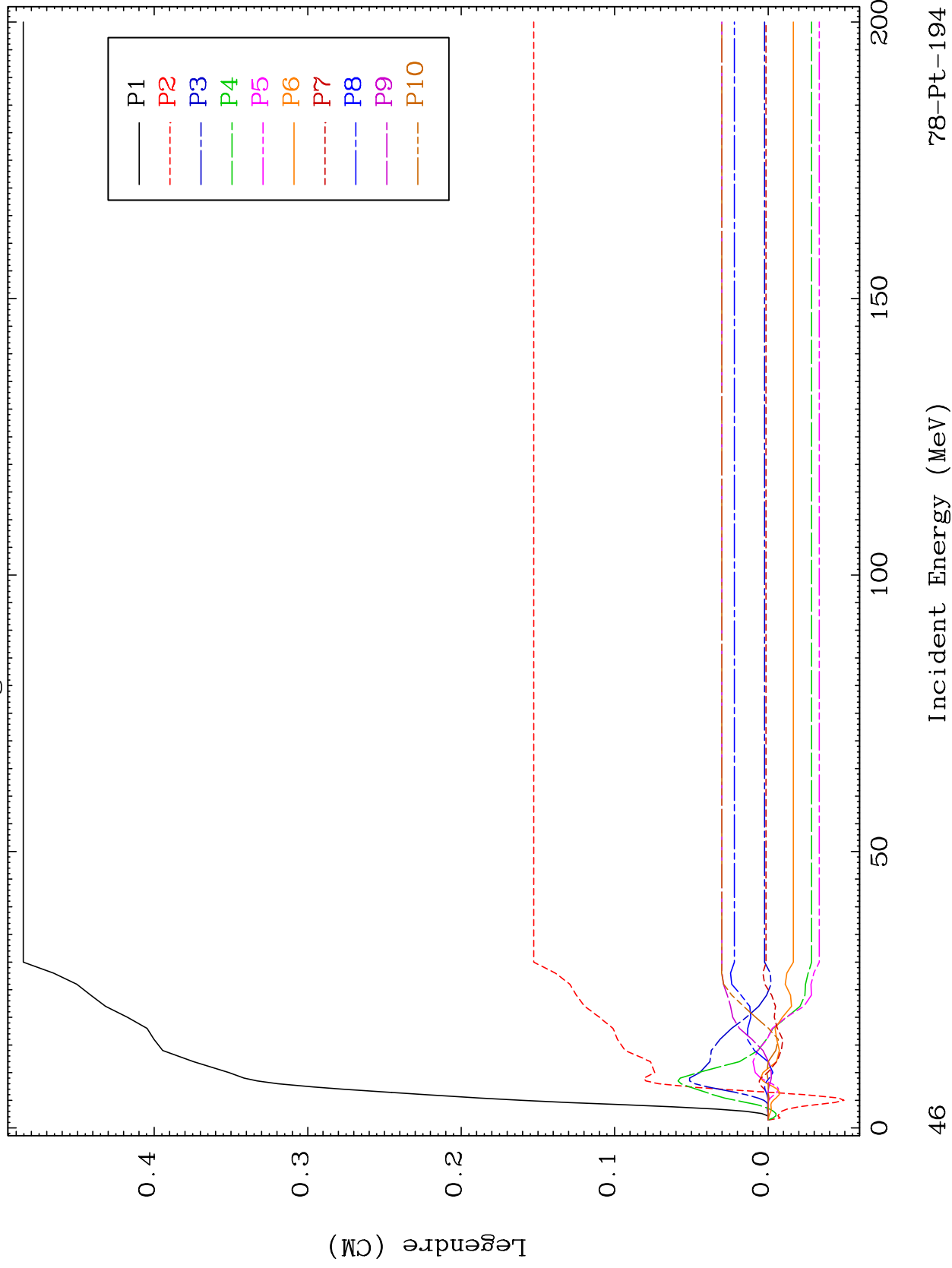




MAT 7837

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

78-Pt-194



78-Pt-194

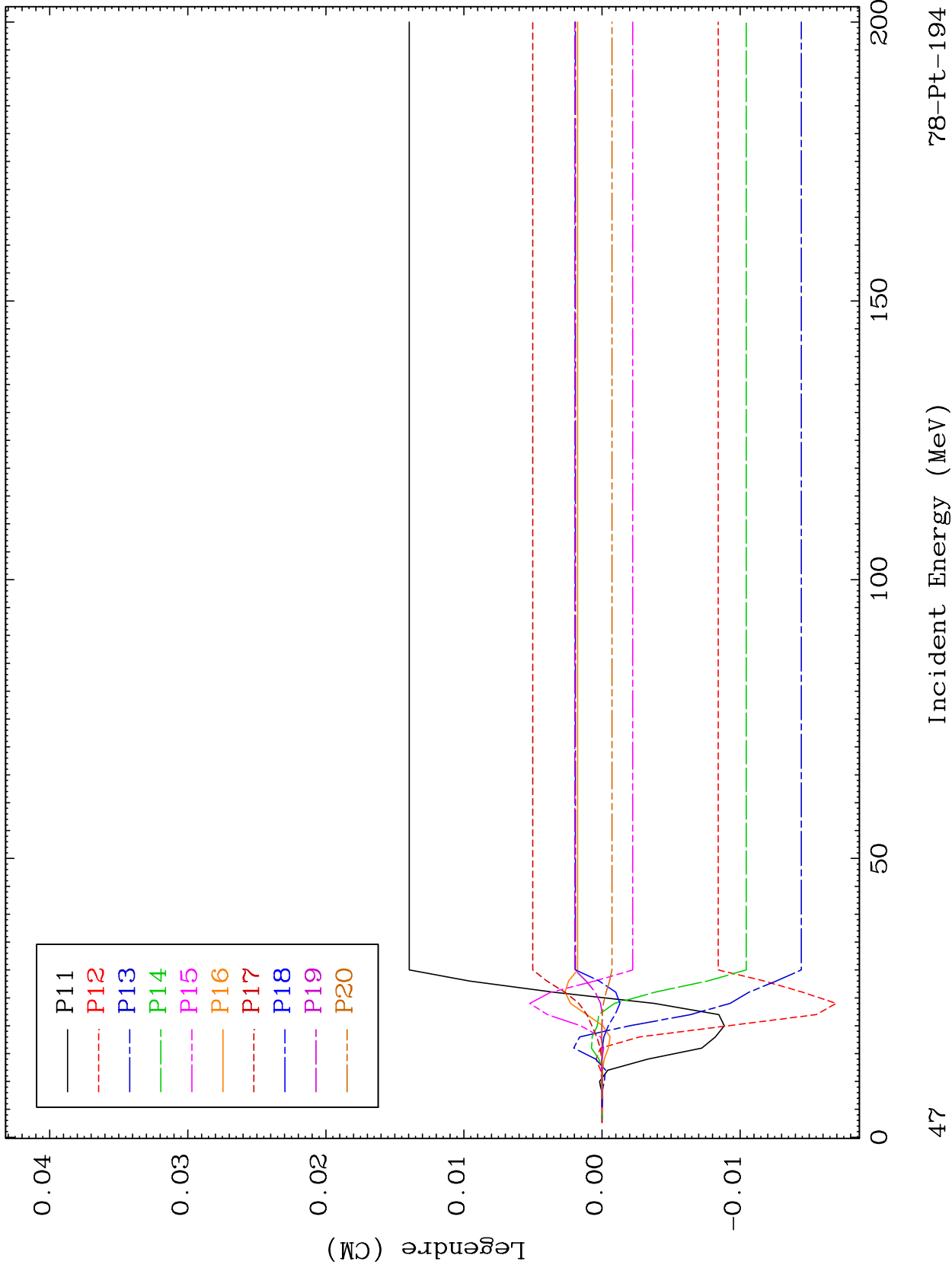
Incident Energy (MeV)

46

MAT 7837

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

78-Pt-194



47

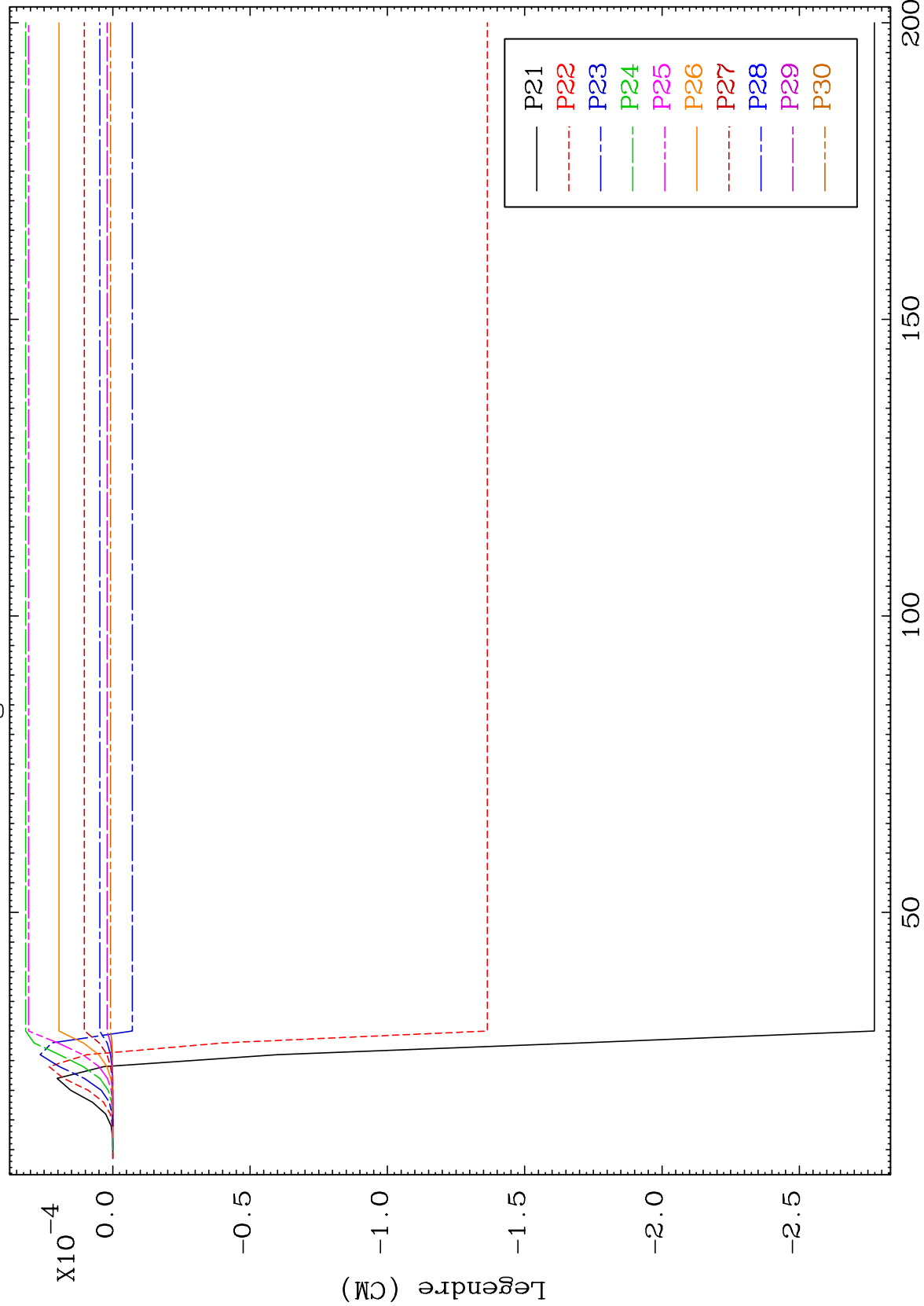
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194



48

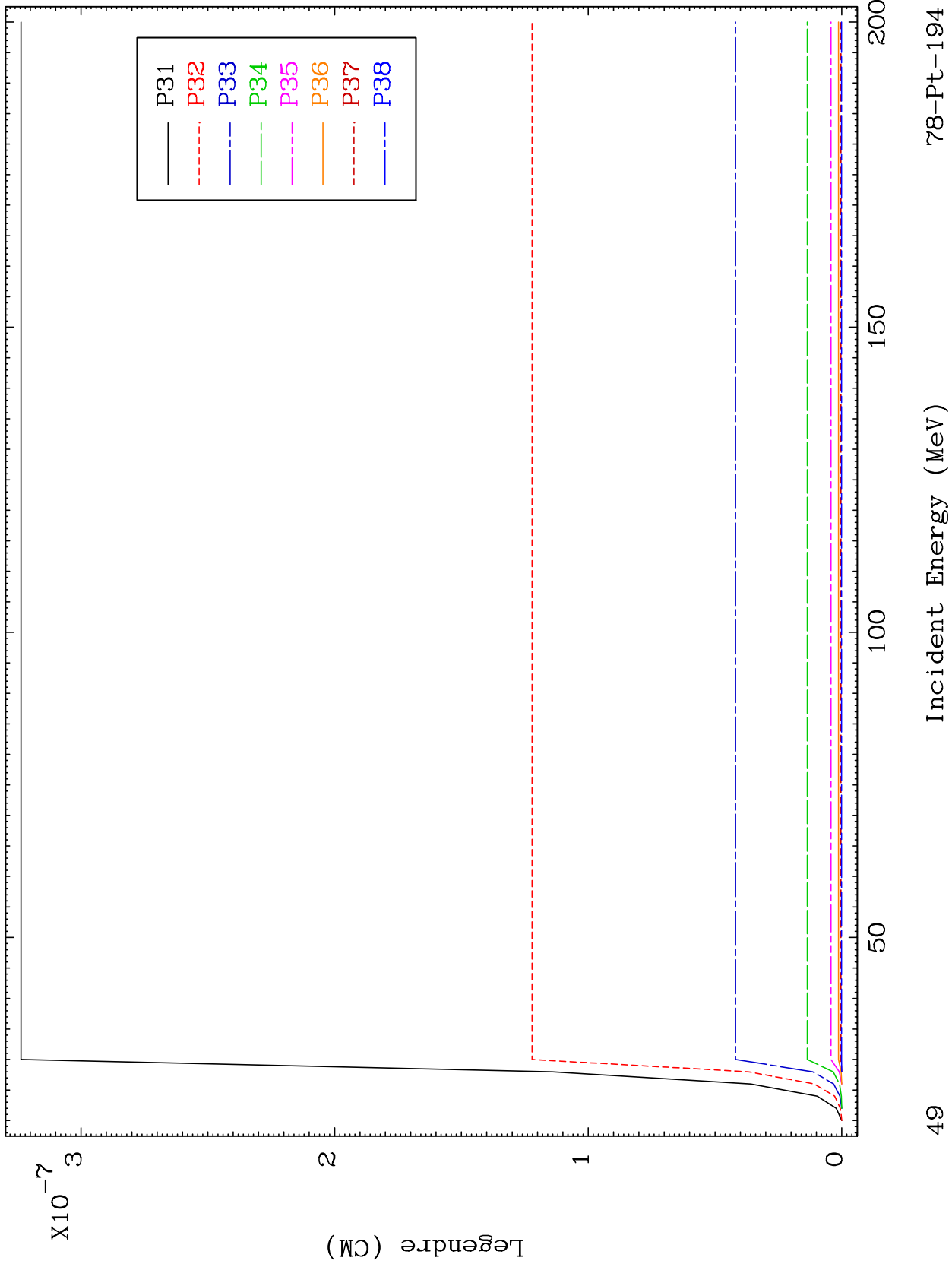
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

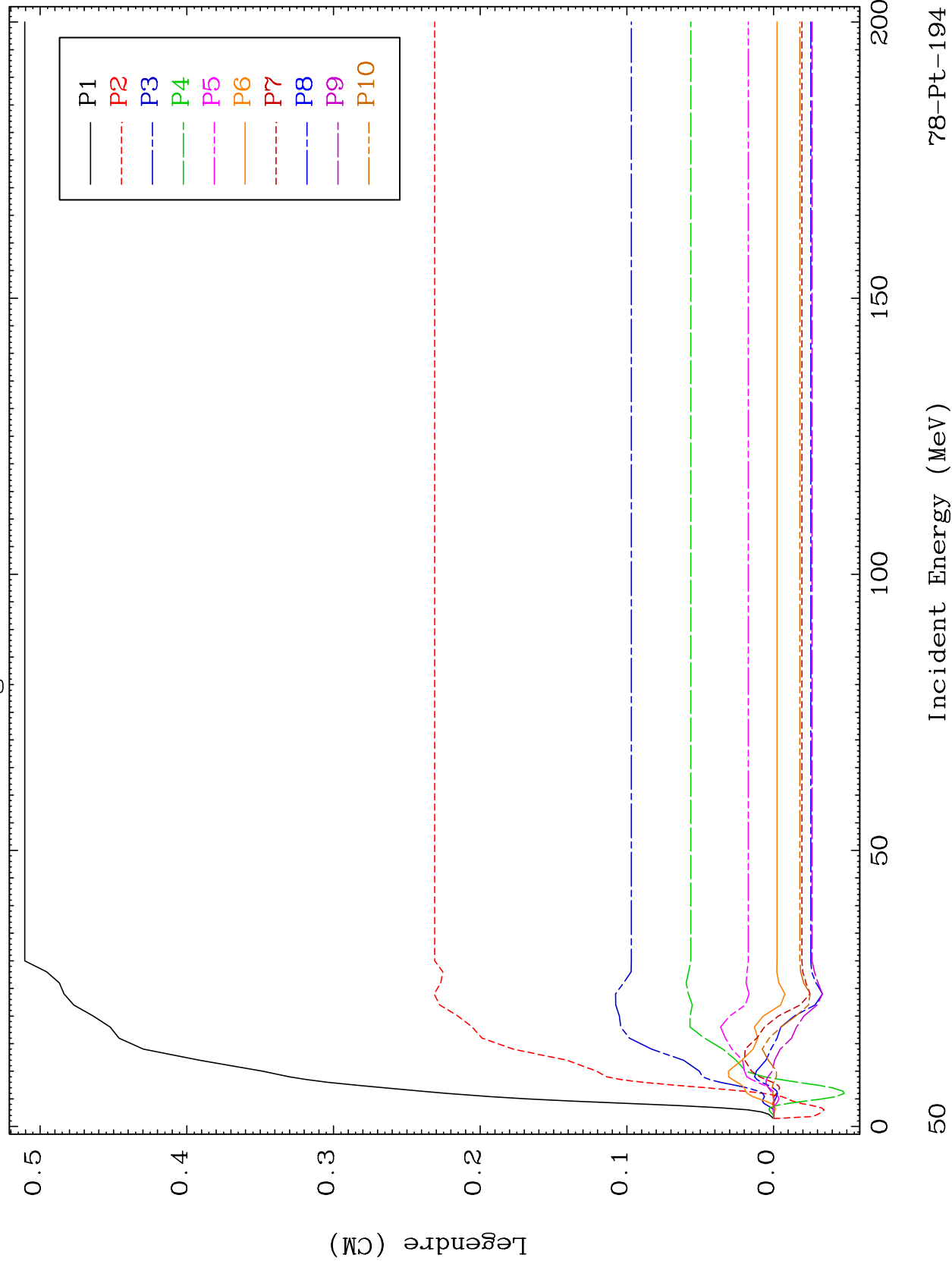
78-Pt-194



MAT 7837

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

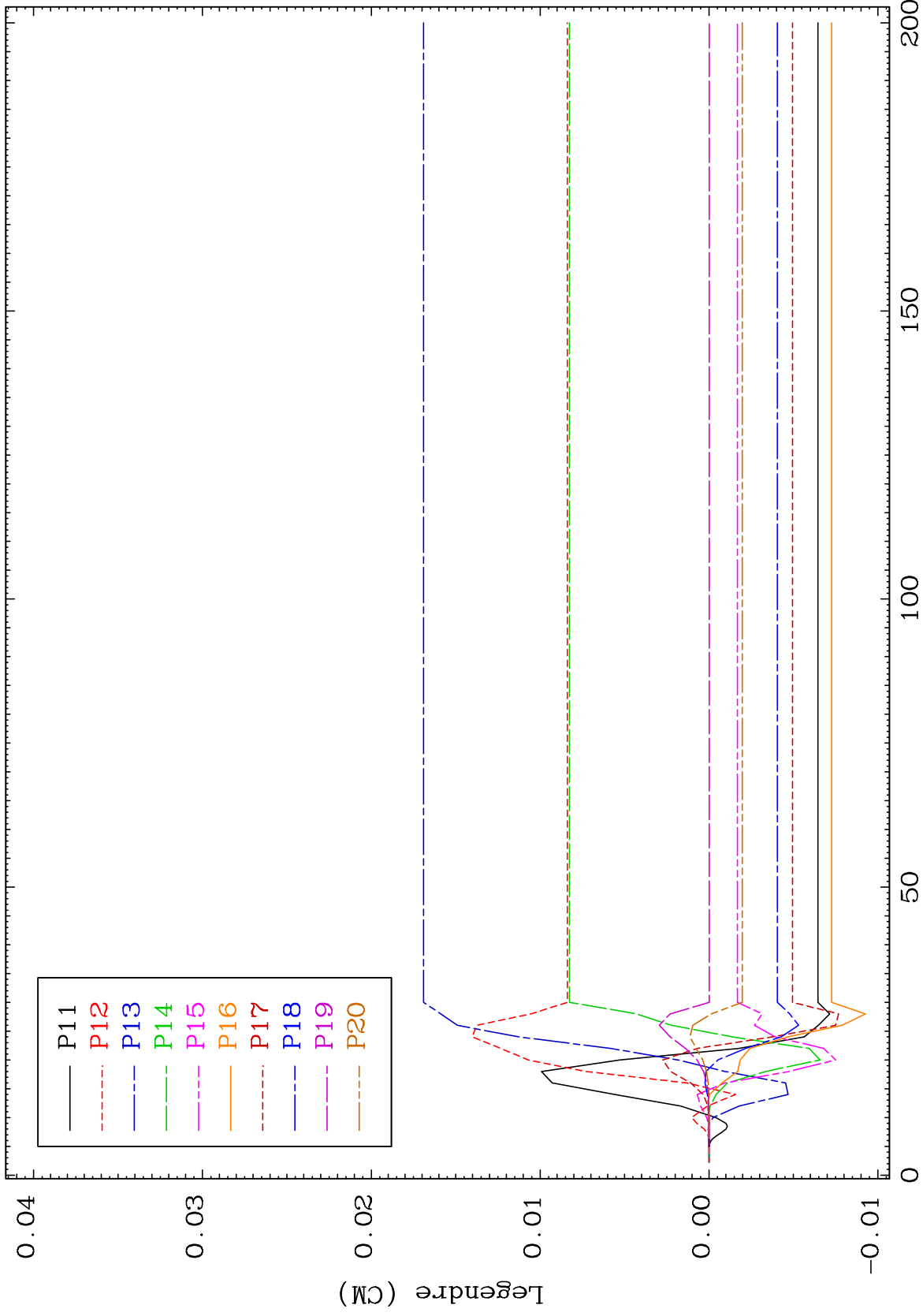
78-Pt-194

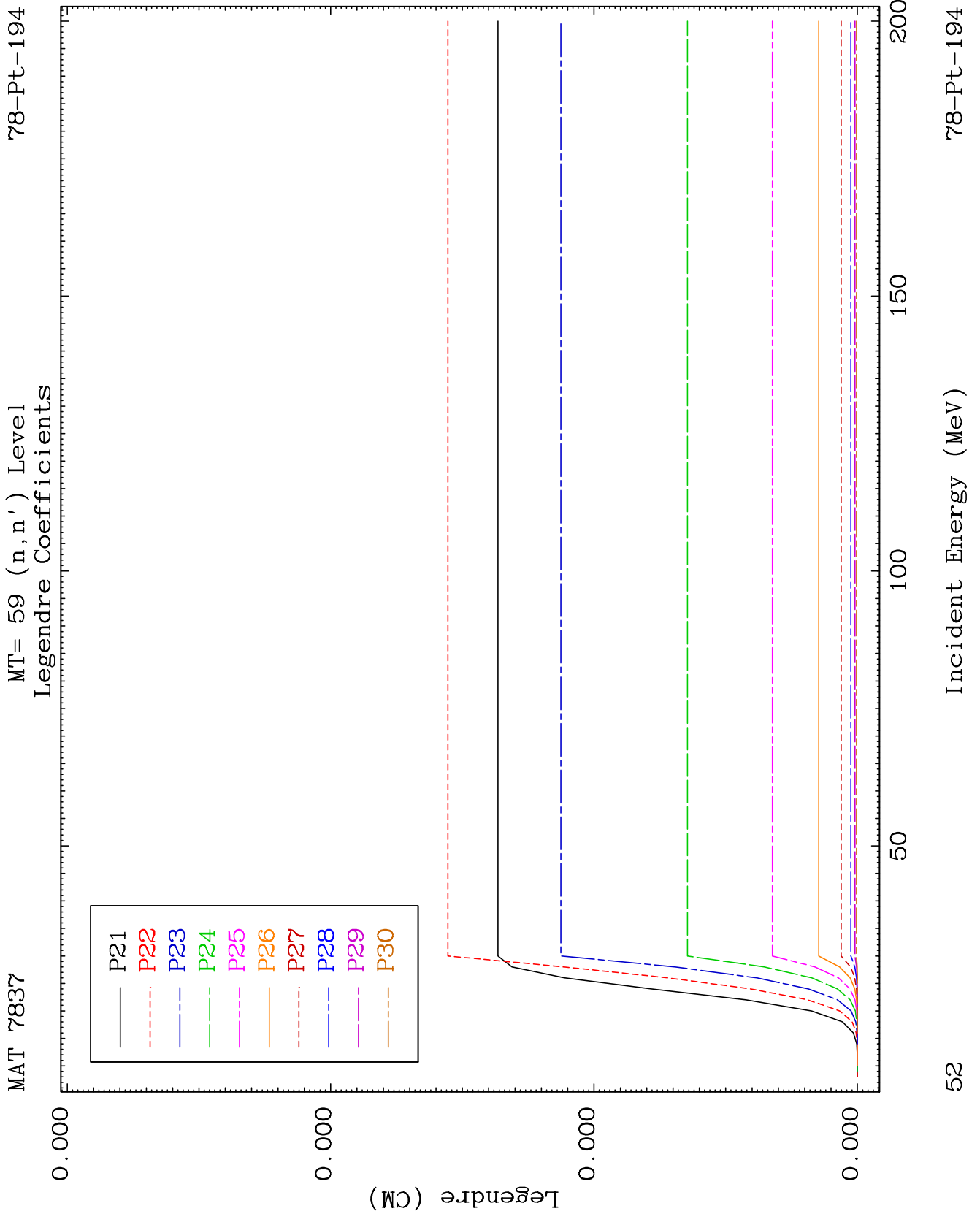


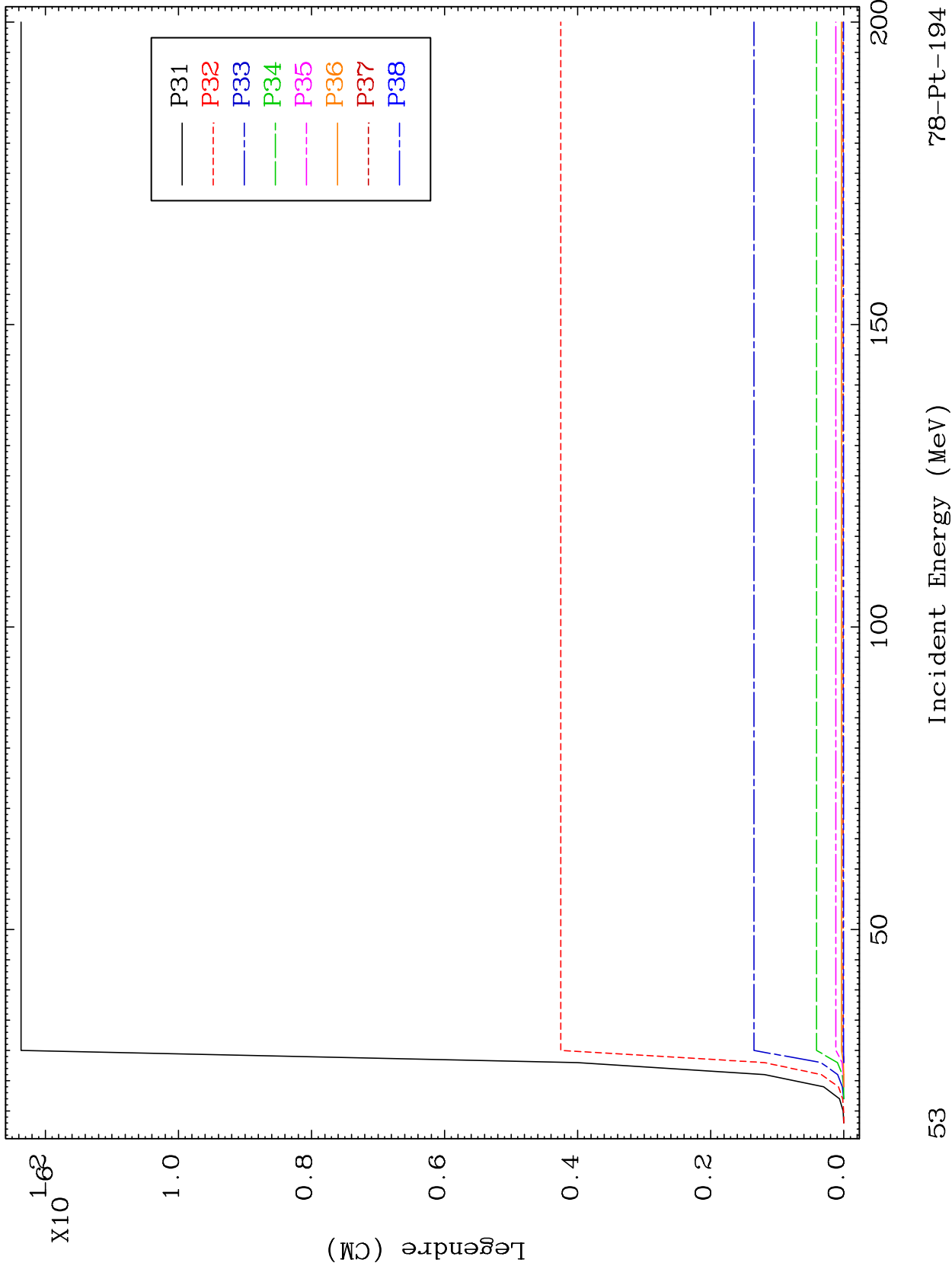
MAT 7837

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

78-Pt-194



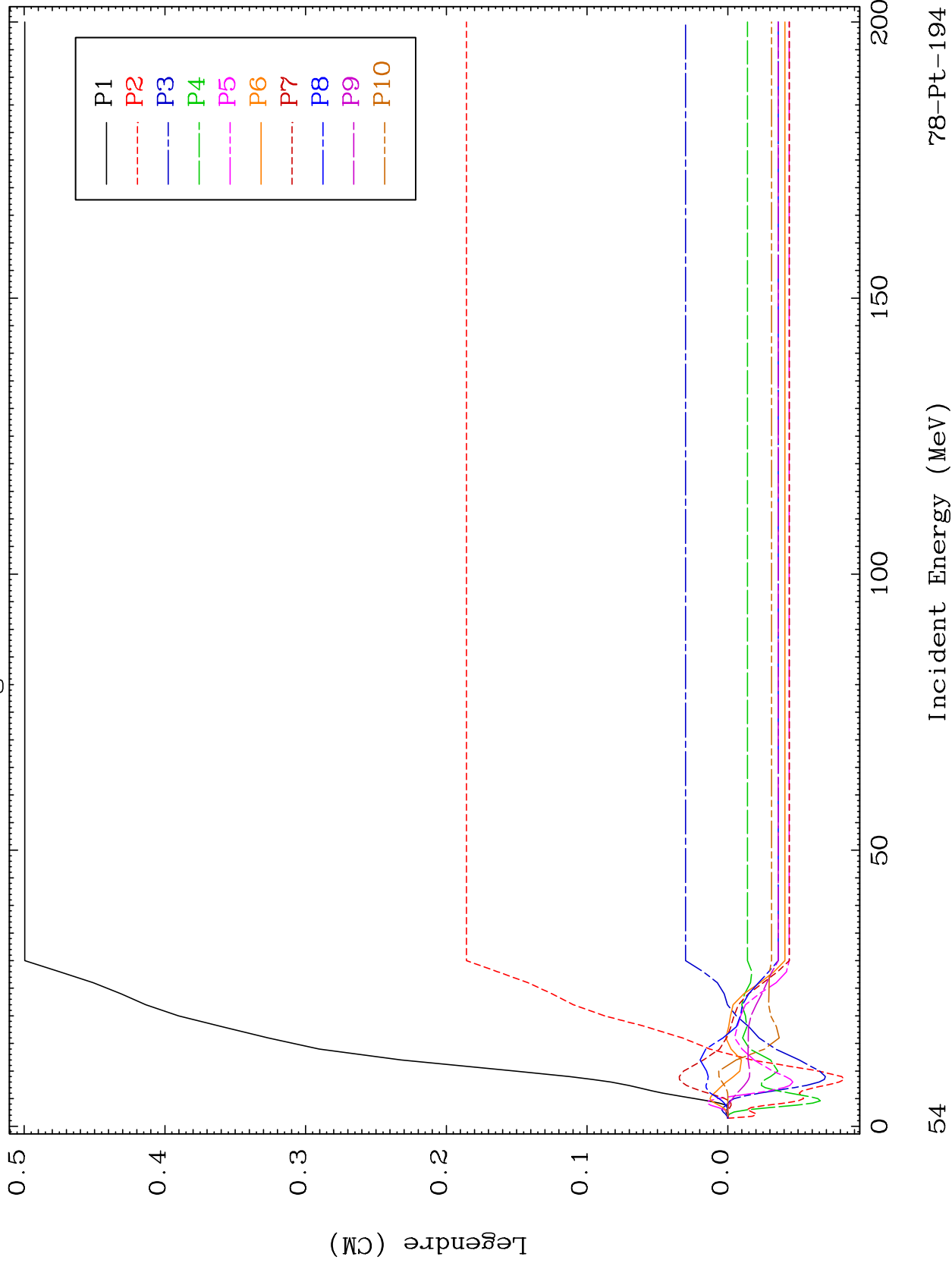




MAT 7837

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

78-Pt-194



78-Pt-194

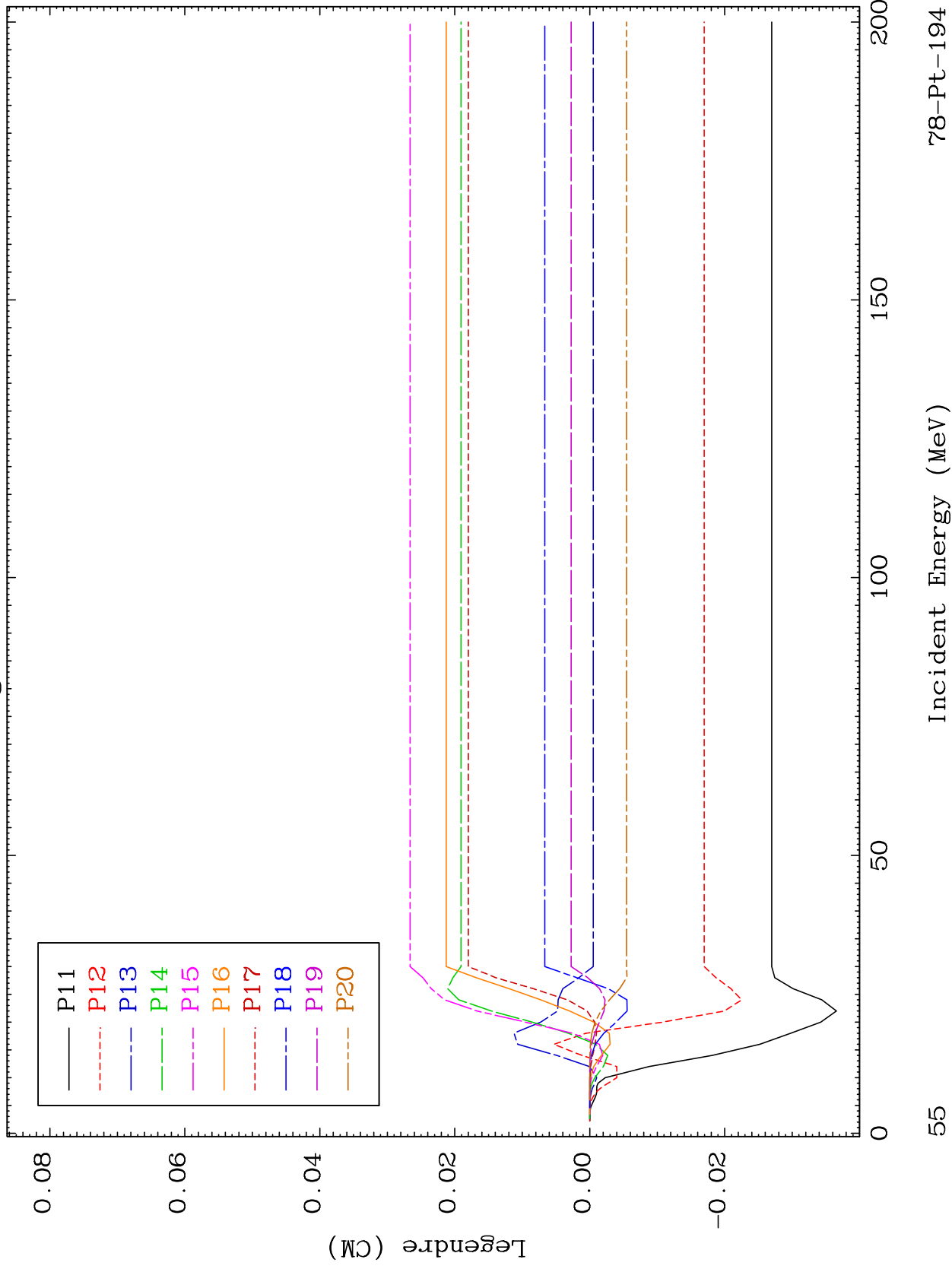
Incident Energy (MeV)

54

MAT 7837

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

78-Pt-194



78-Pt-194

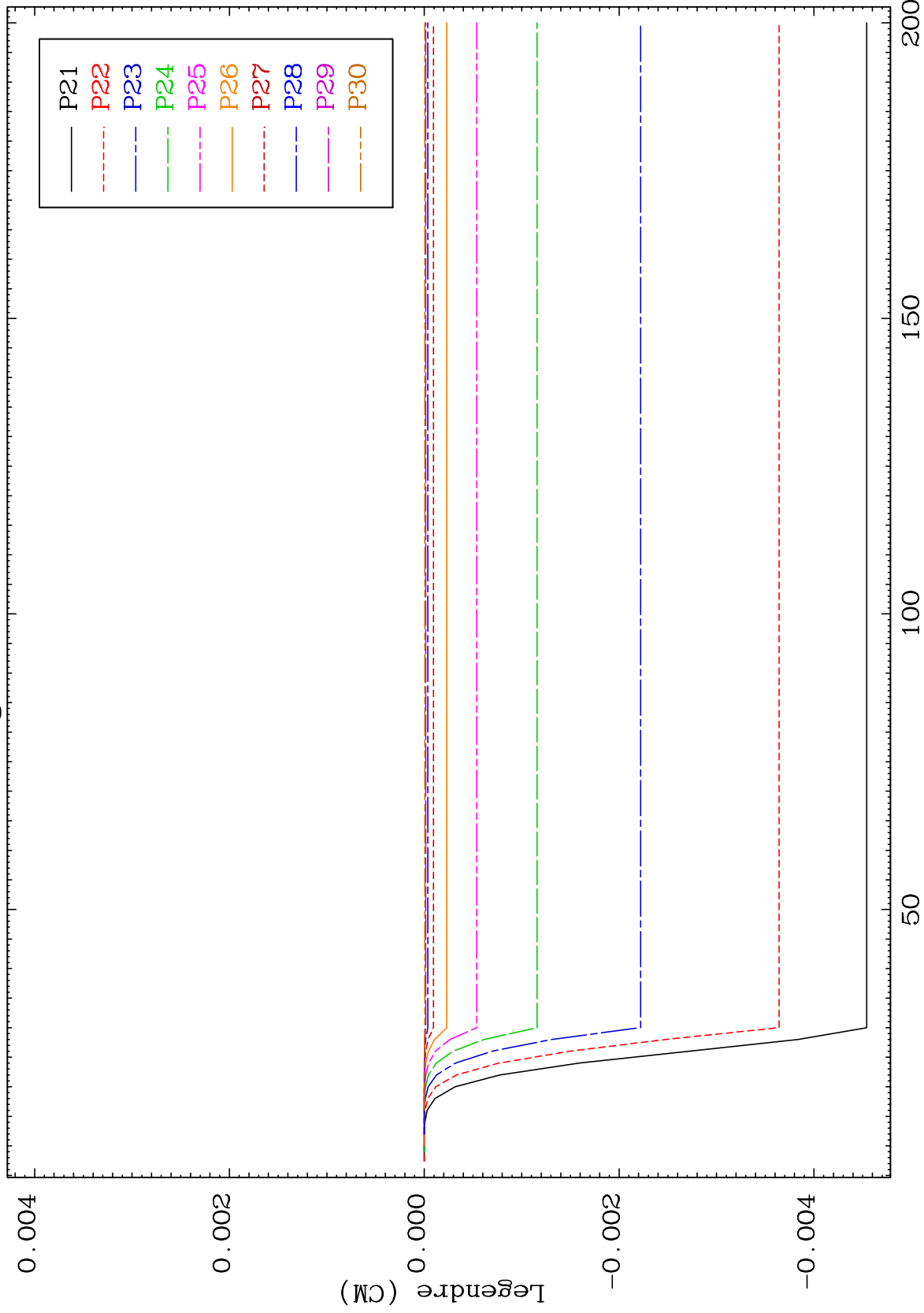
Incident Energy (MeV)

55

MAT 7837

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

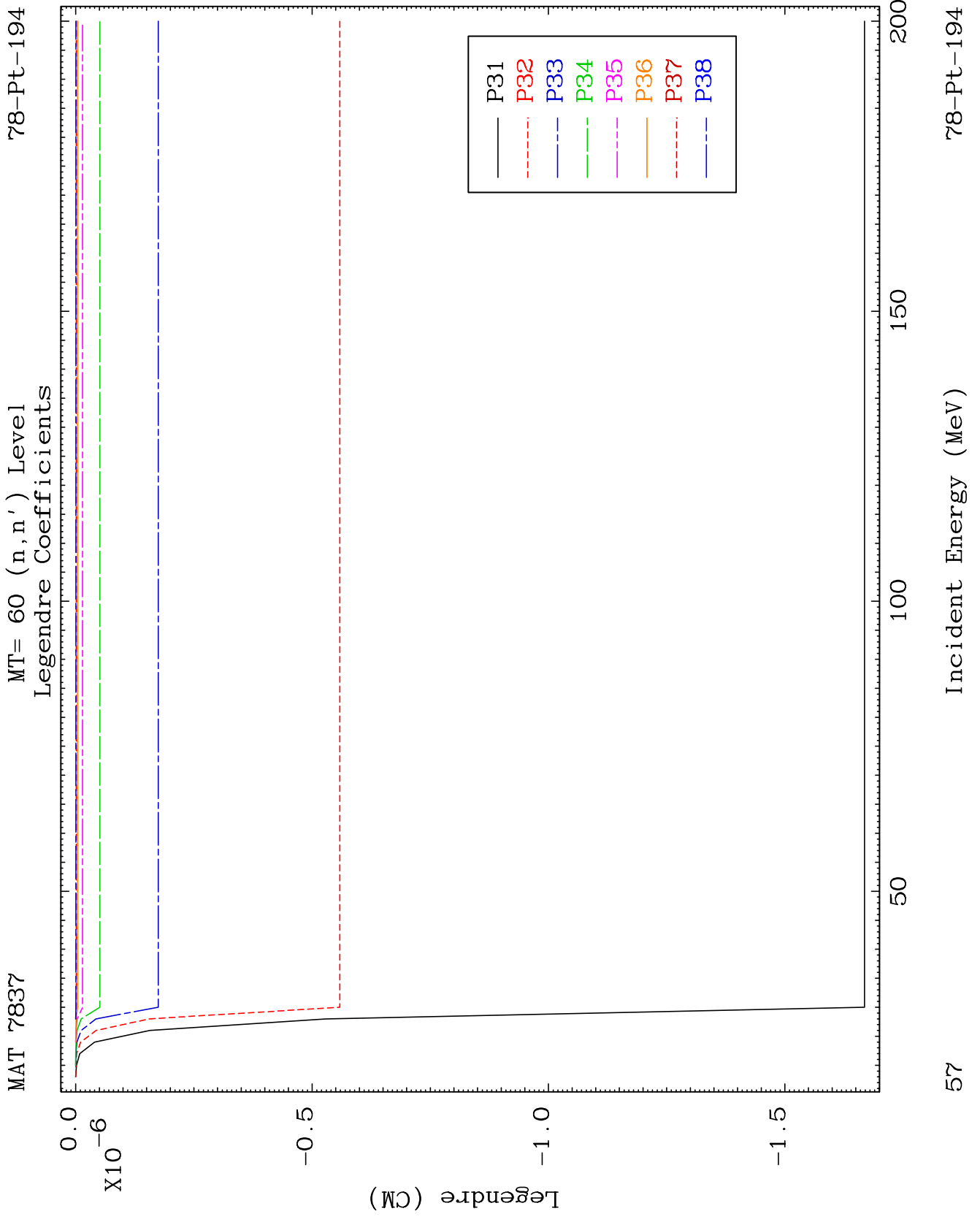
78-Pt-194



56

Incident Energy (MeV)

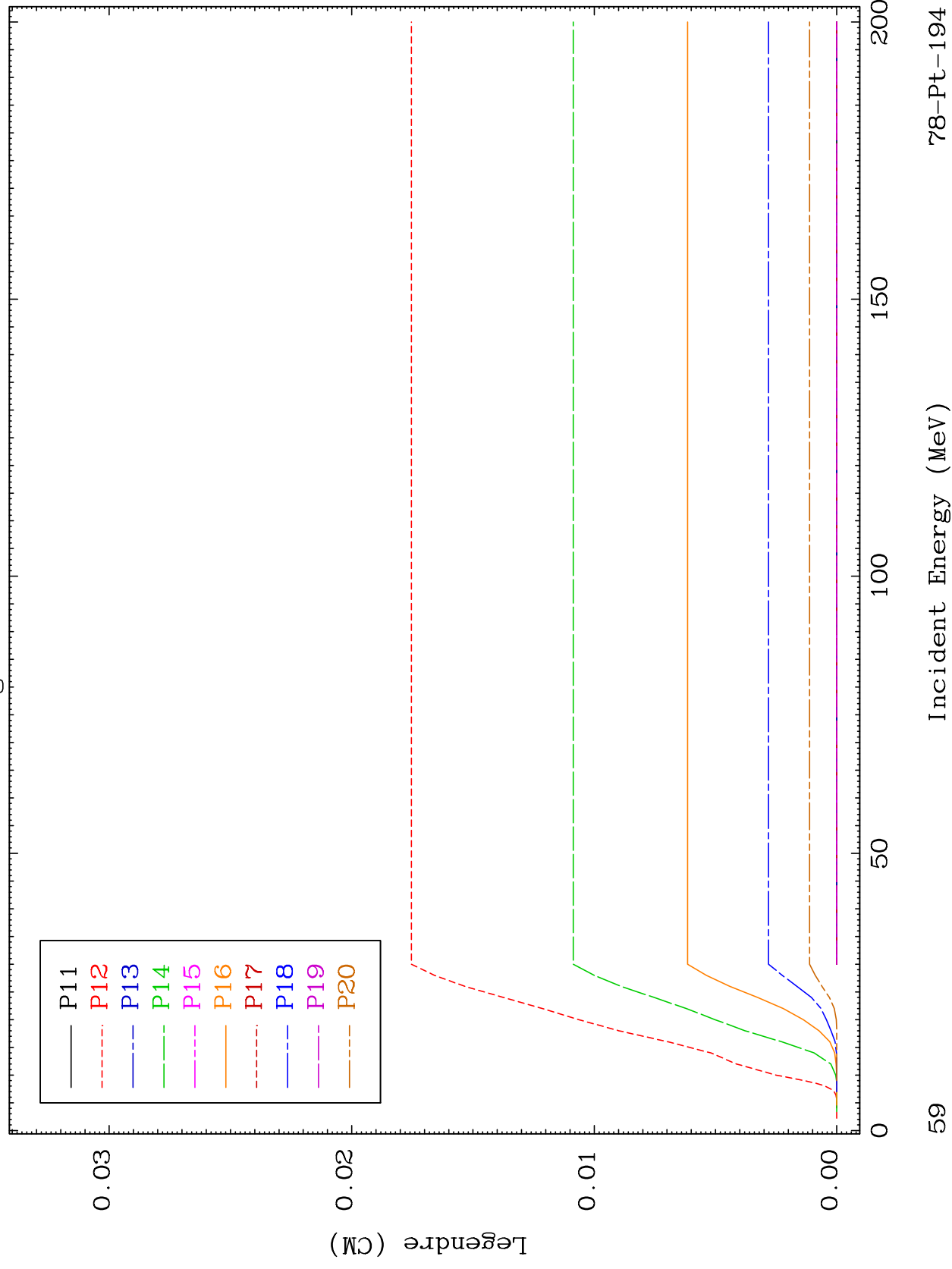
78-Pt-194



MAT 7837

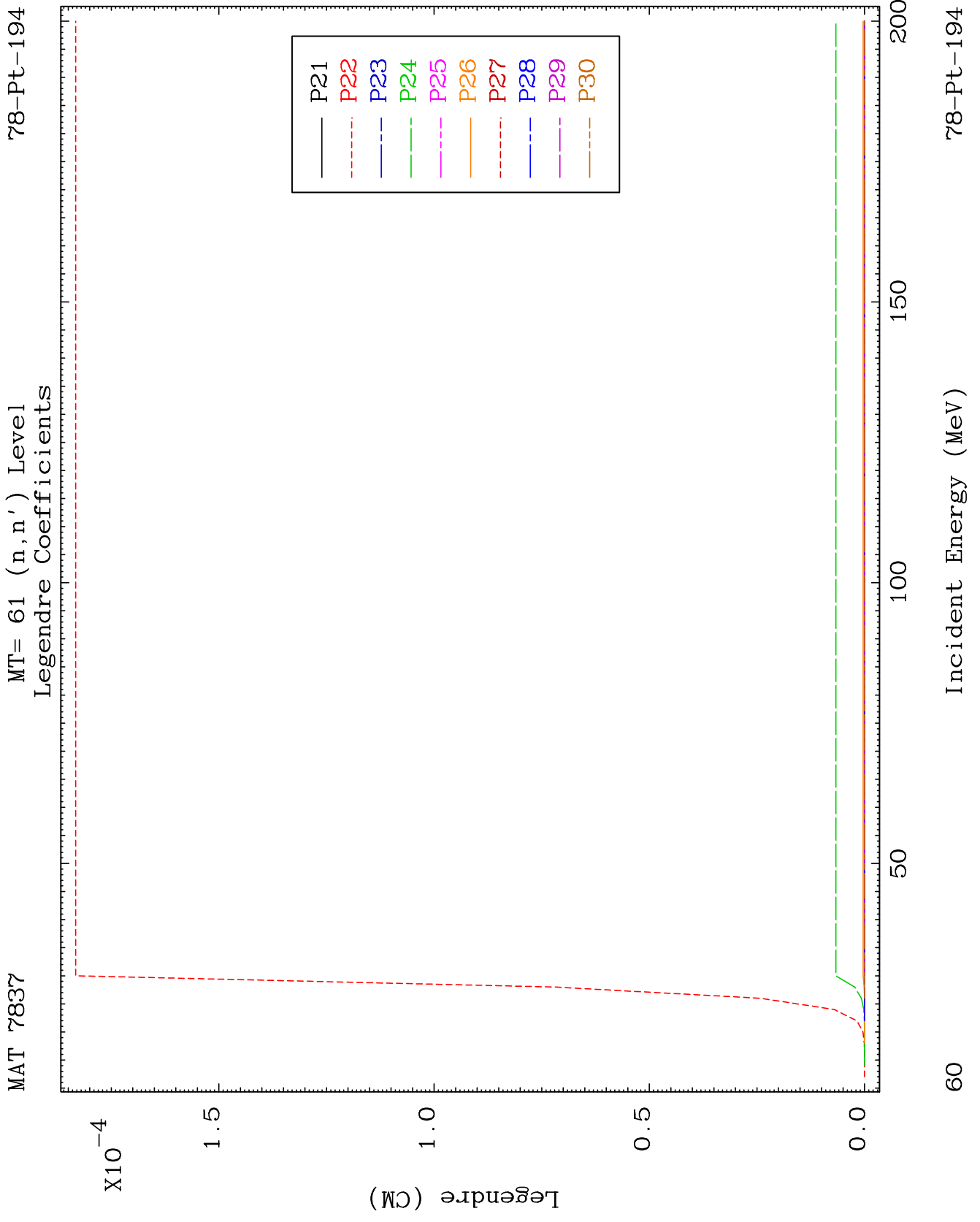
MT= 61 (n,n') Level
Legendre Coefficients

78-Pt-194



59

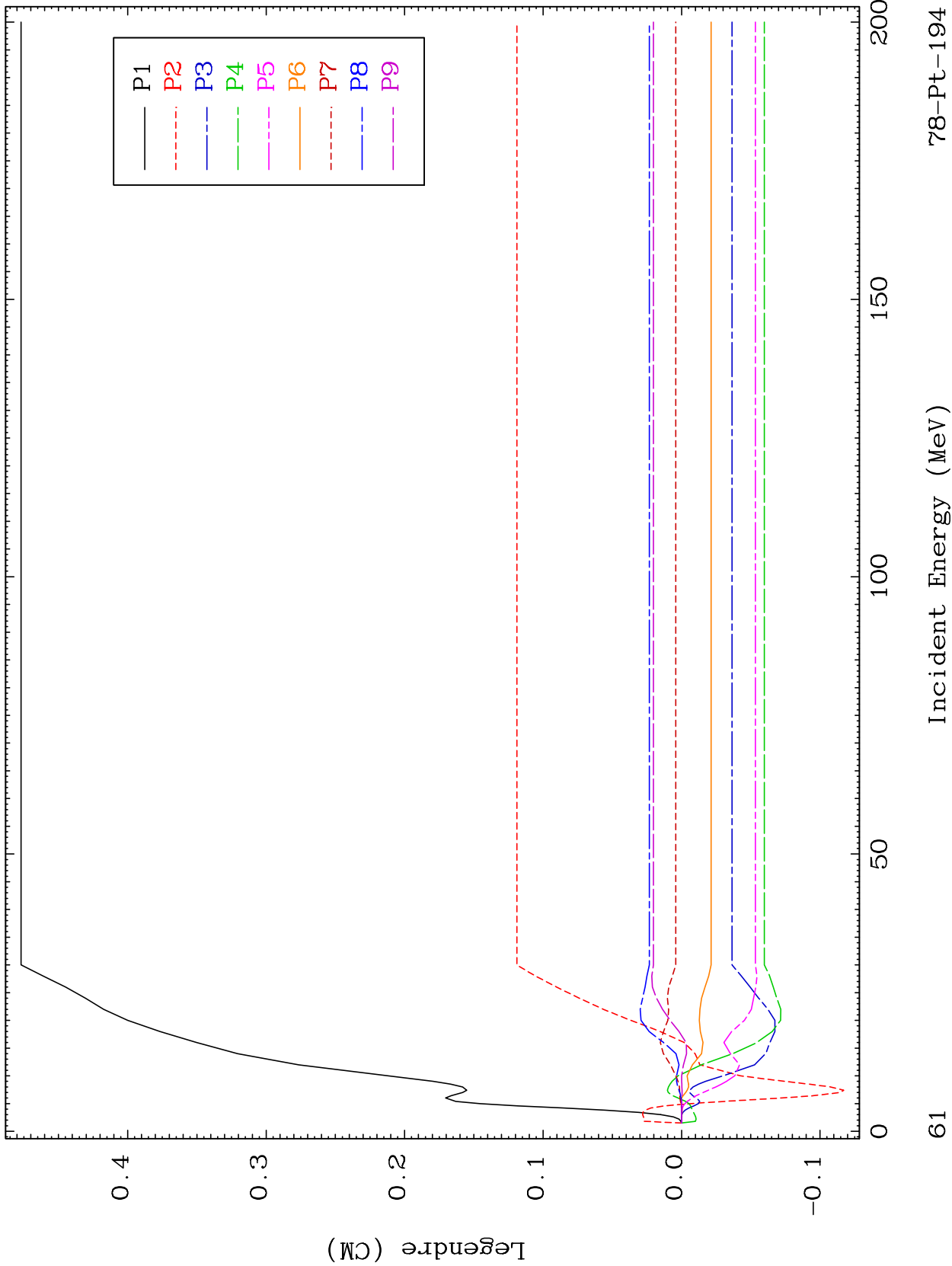
78-Pt-194



MAT 7837

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

78-Pt-194



78-Pt-194

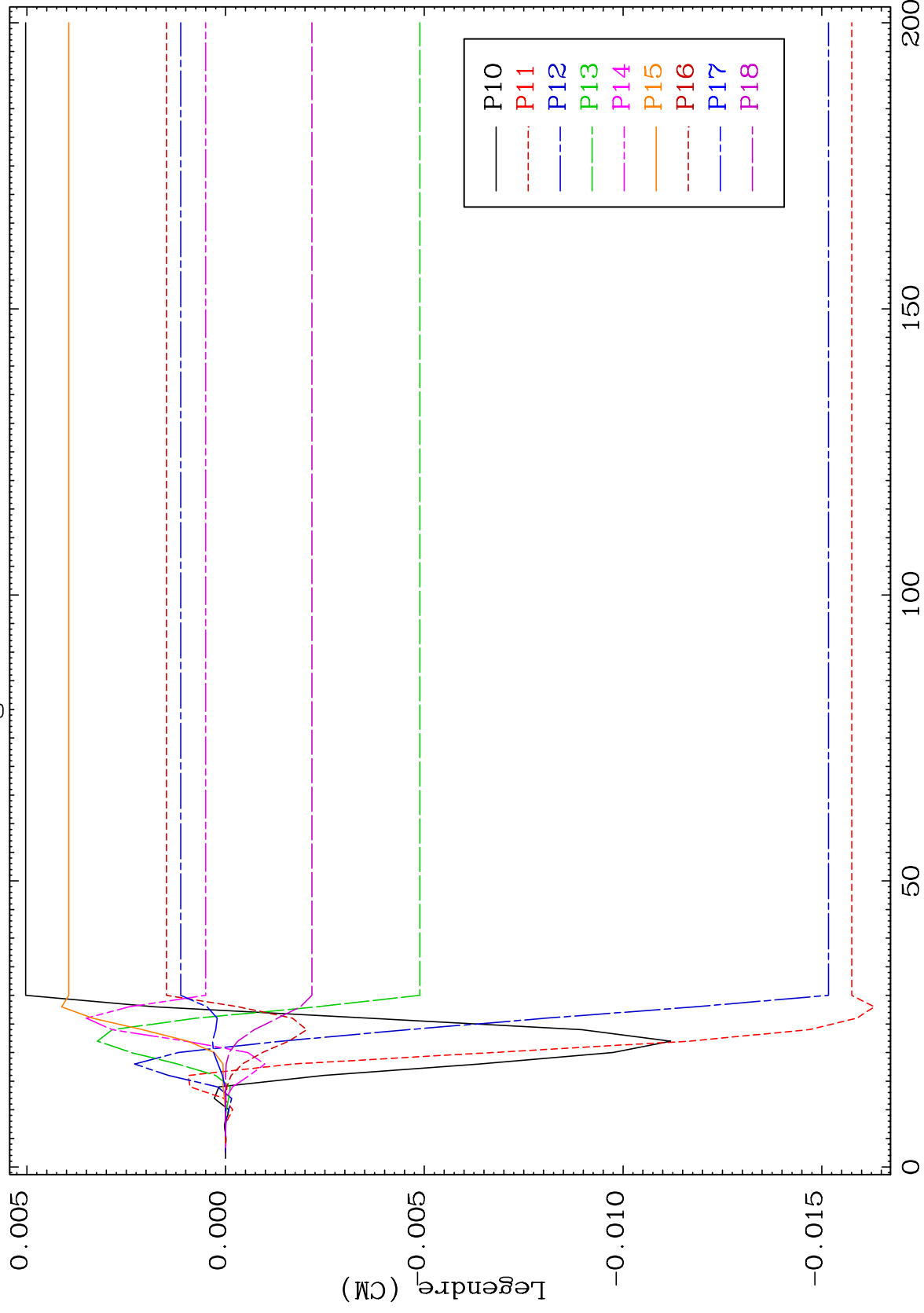
Incident Energy (MeV)

61

MAT 7837

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

78-Pt-194



62

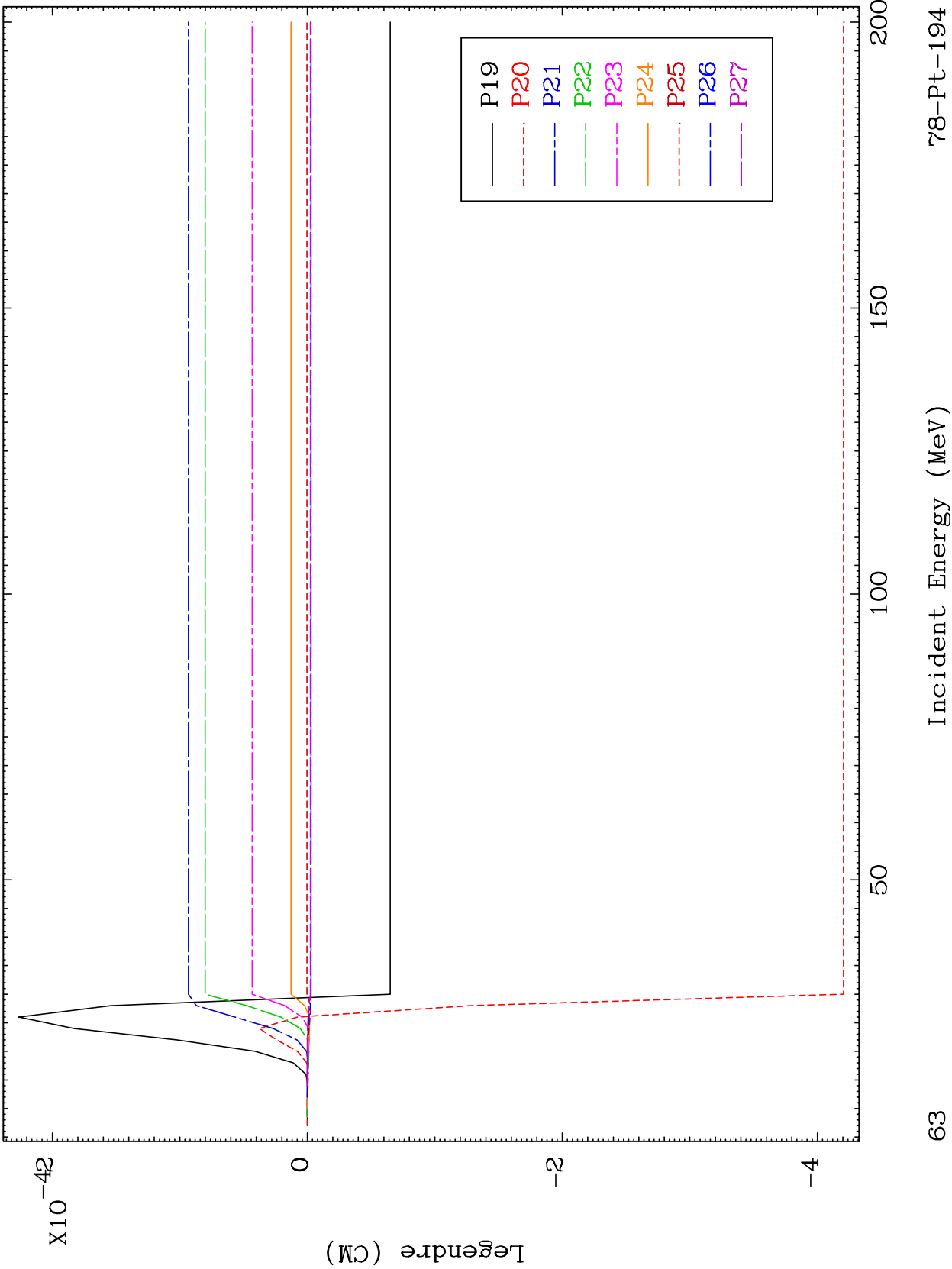
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

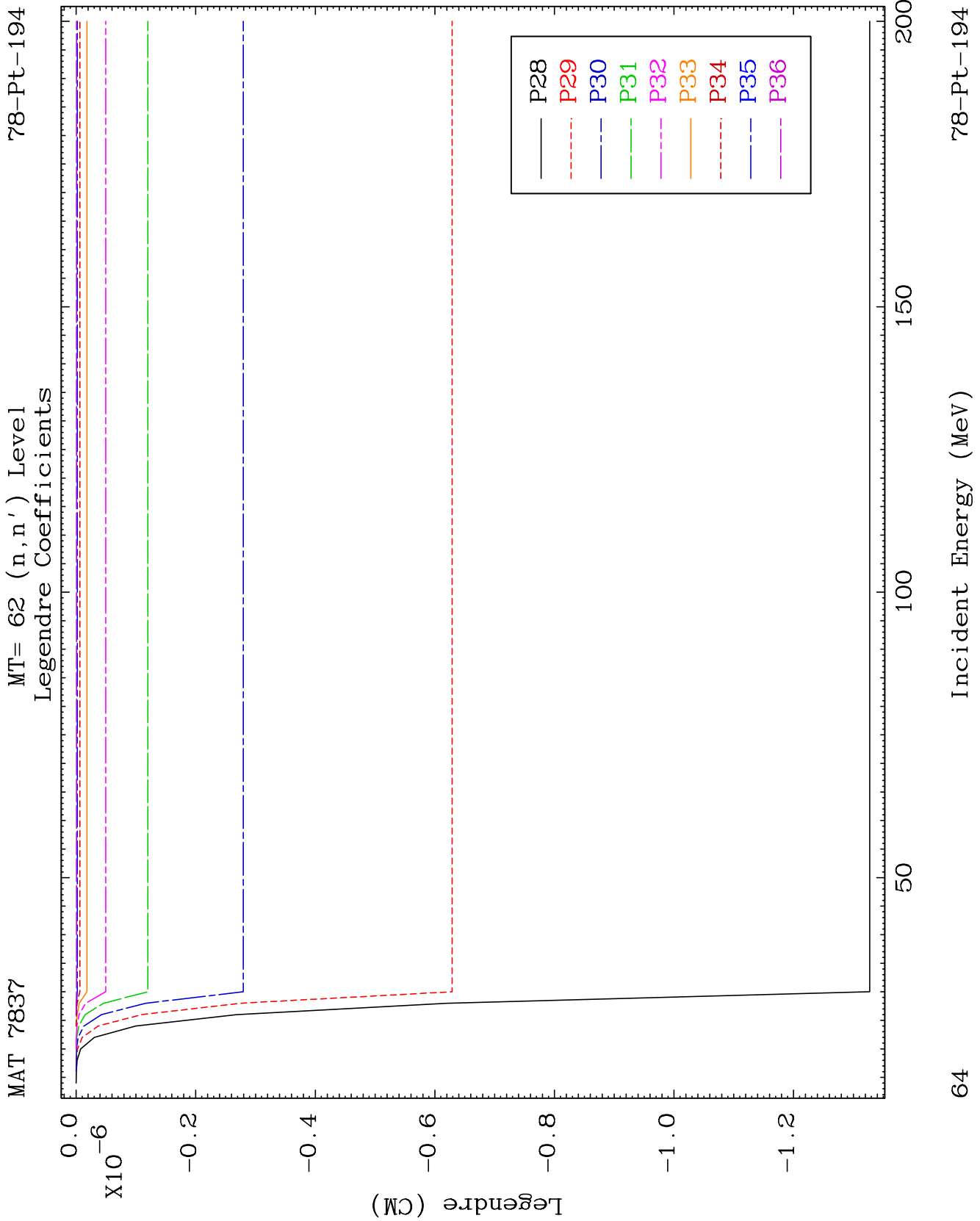
78-Pt-194



63

Incident Energy (MeV)

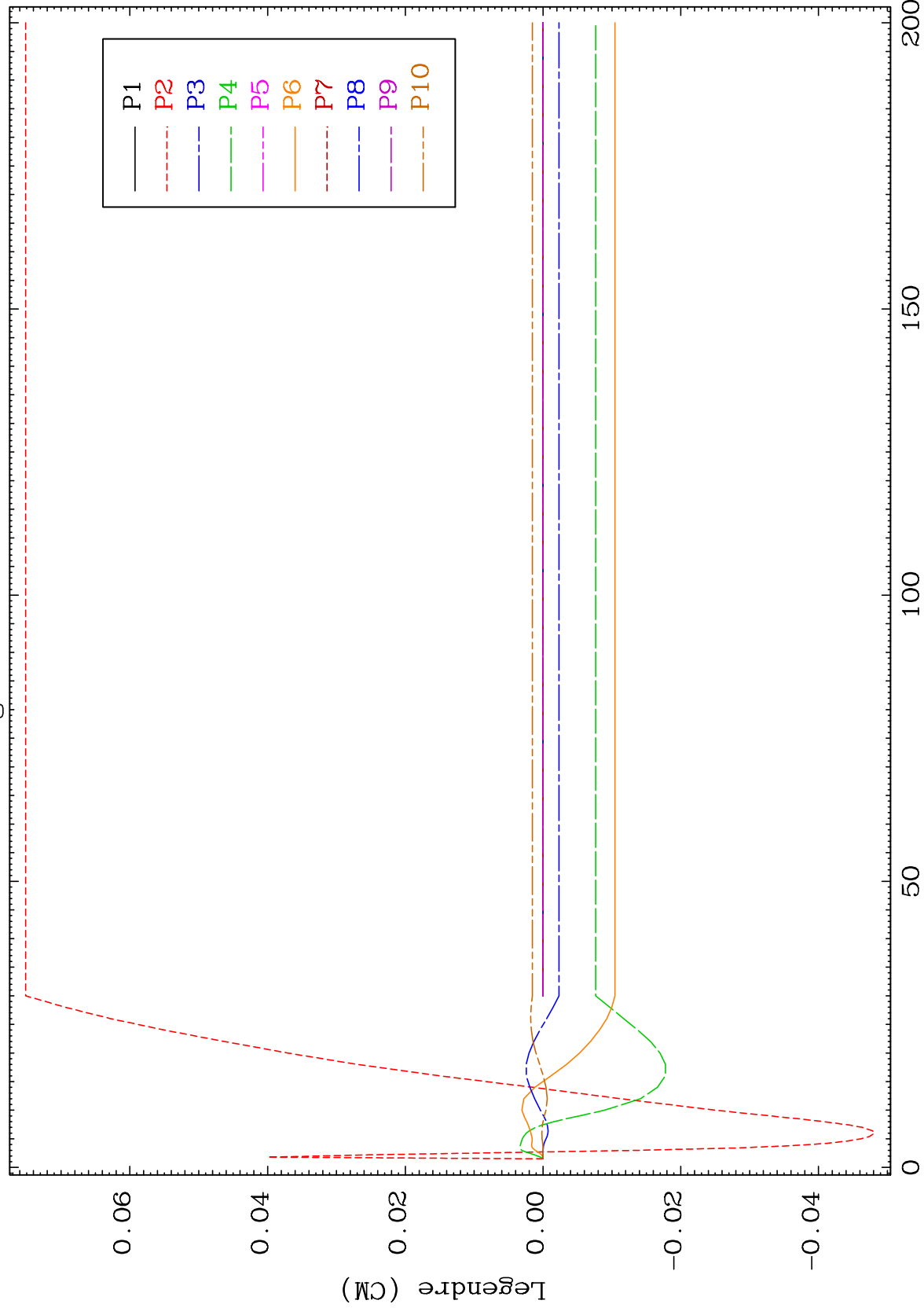
78-Pt-194



MAT 7837

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

78-Pt-194



65

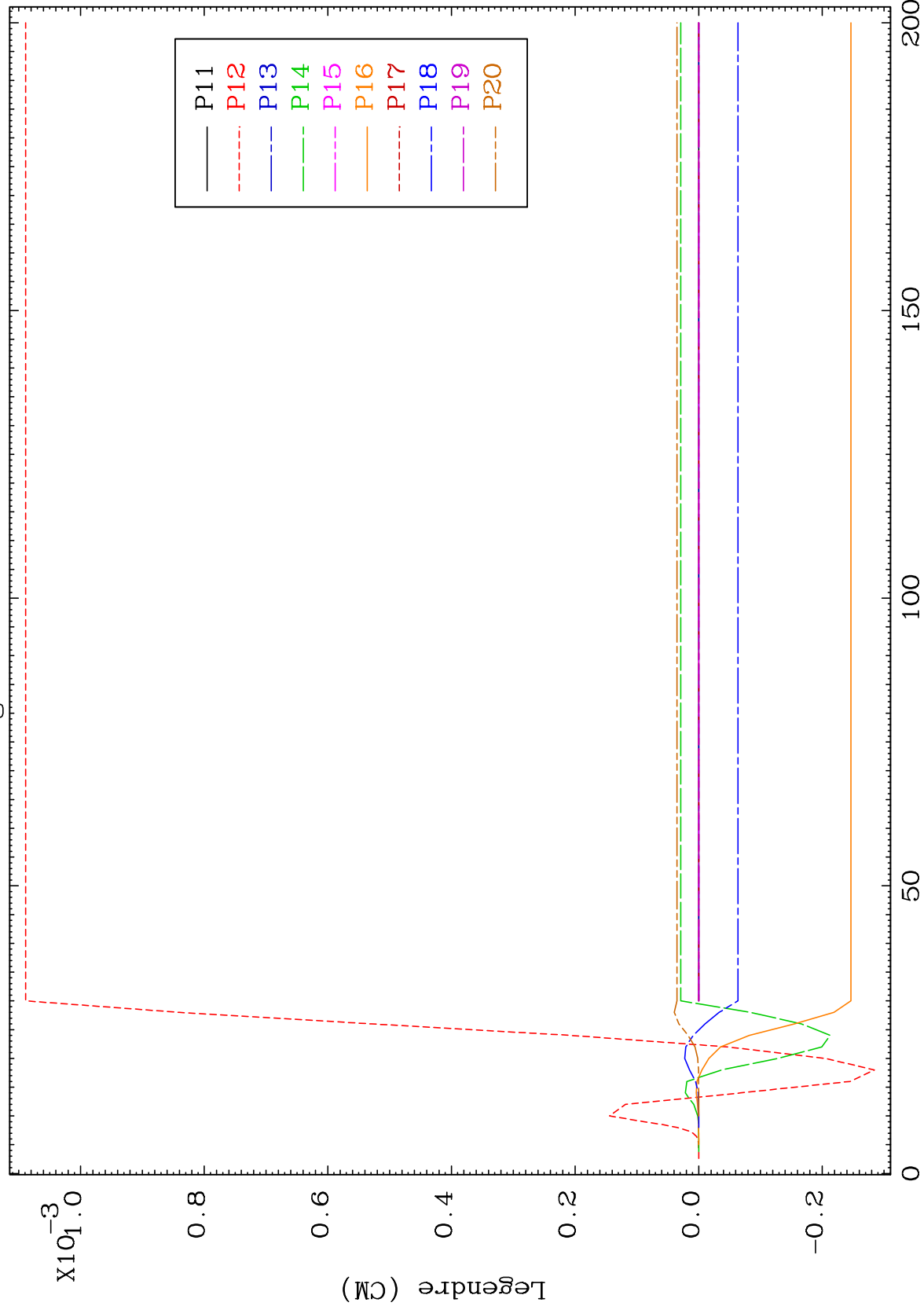
78-Pt-194

78-Pt-194

MAT 7837

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

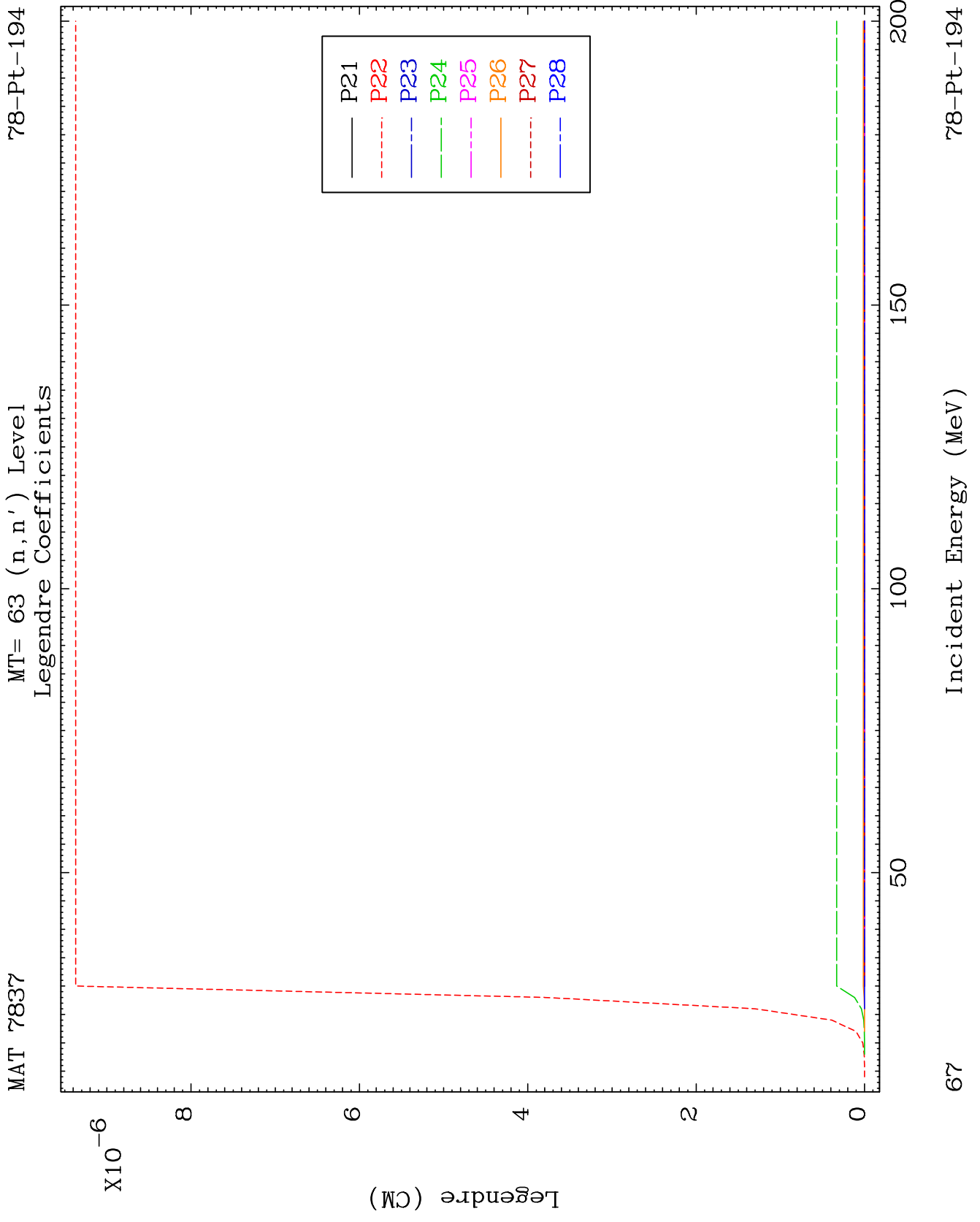
78-Pt-194



66

Incident Energy (MeV)

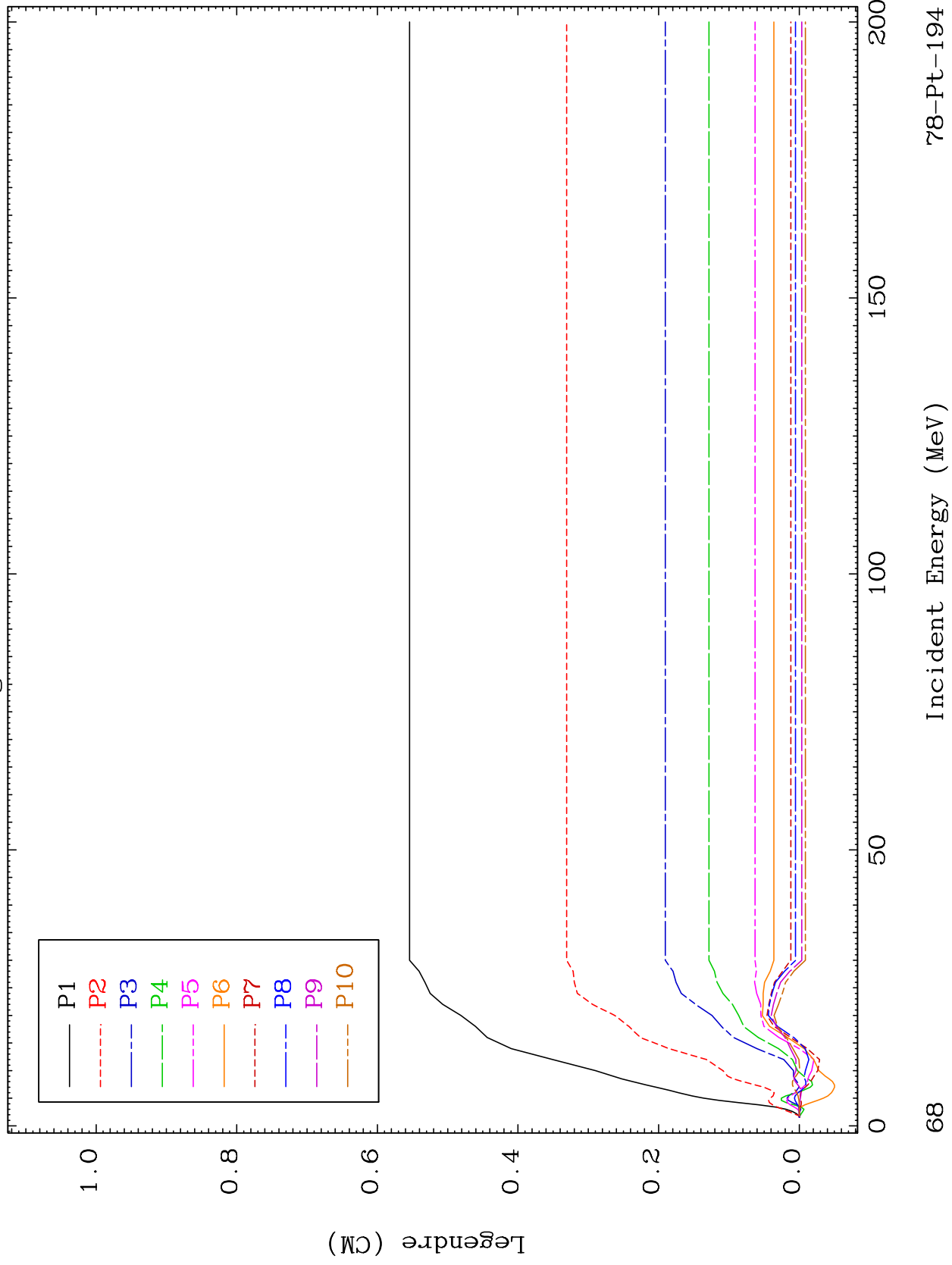
78-Pt-194



MAT 7837

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

78-Pt-194



78-Pt-194

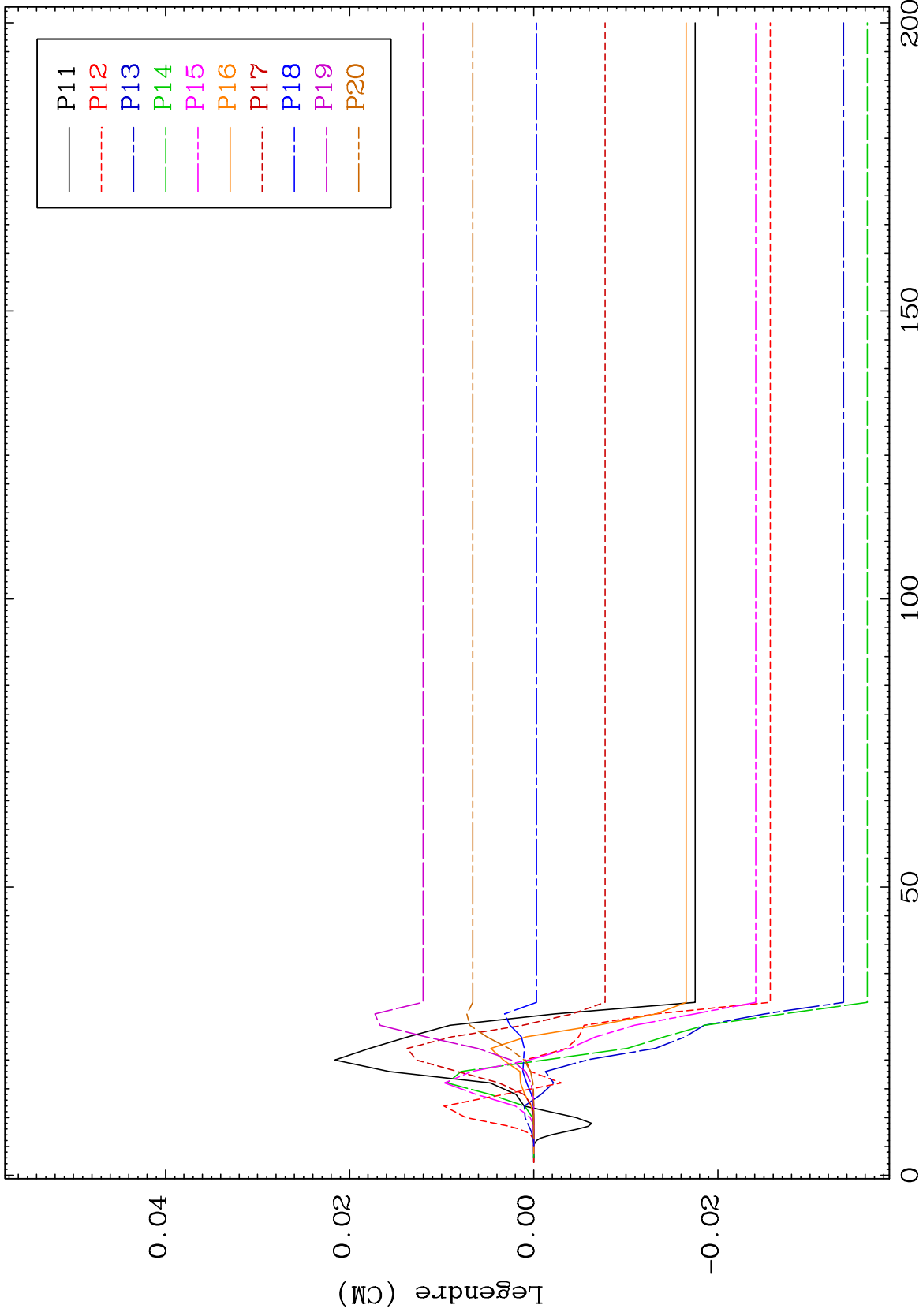
Incident Energy (MeV)

68

MAT 7837

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

78-Pt-194



69

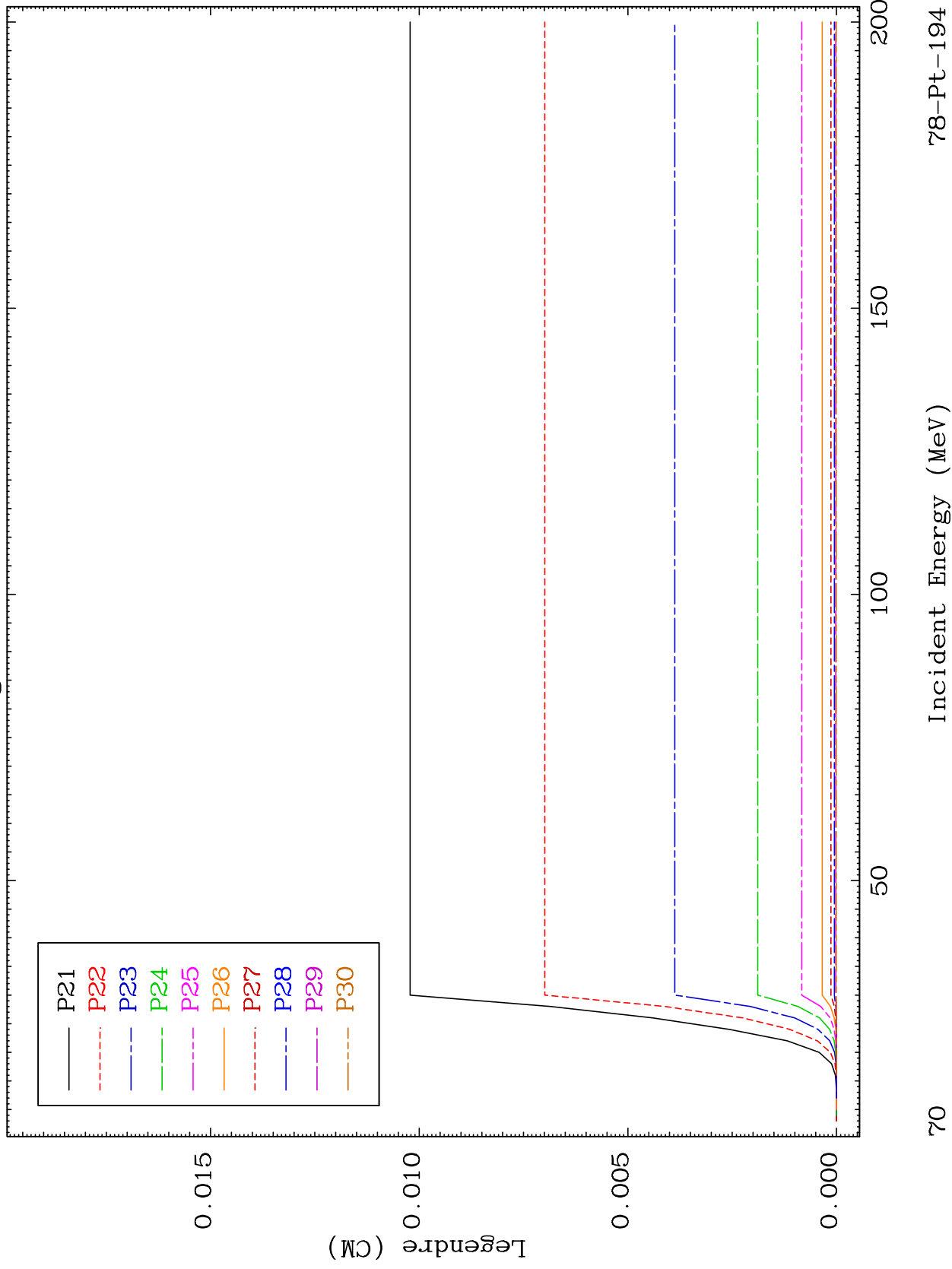
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194



70

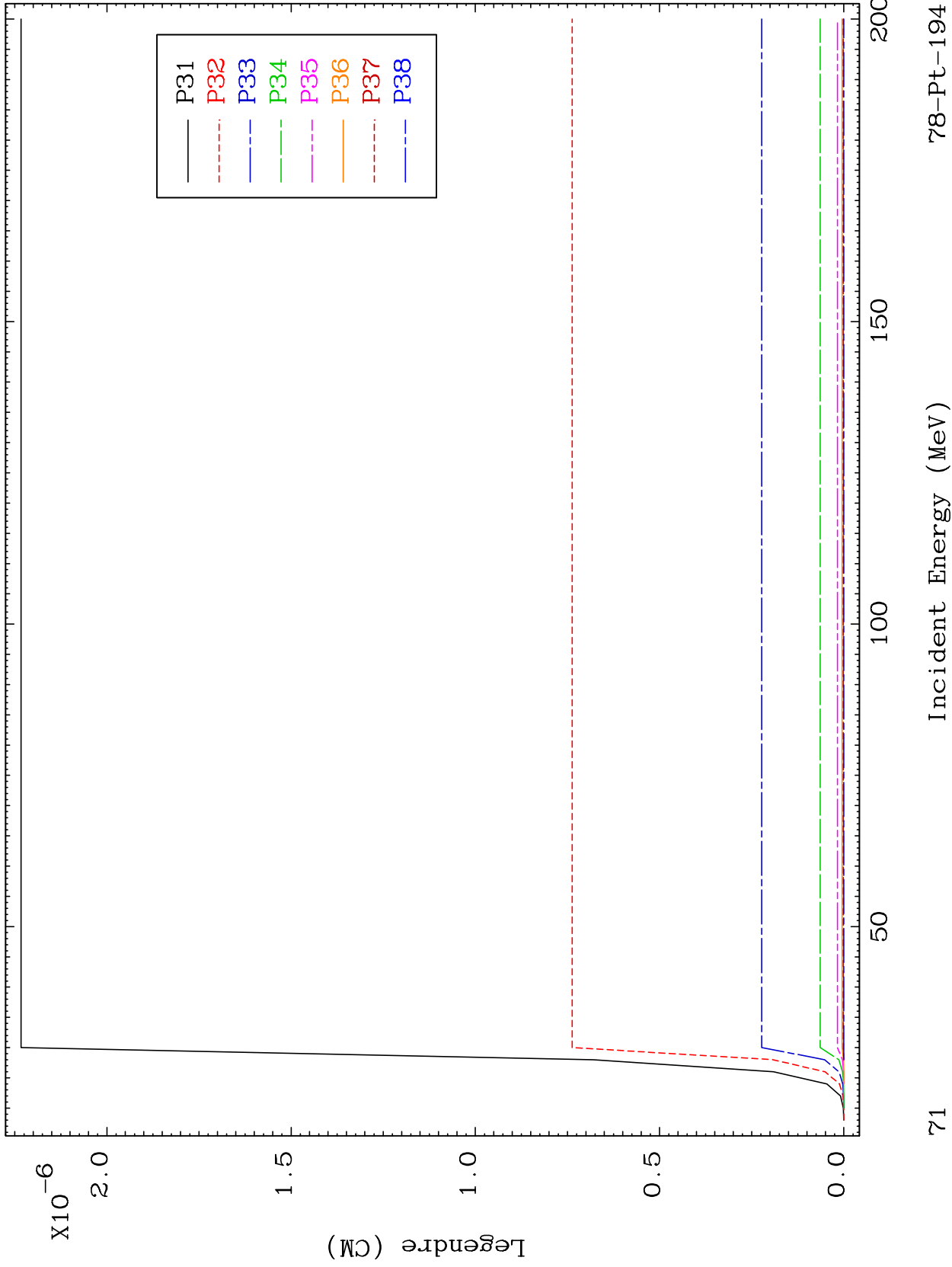
Incident Energy (MeV)

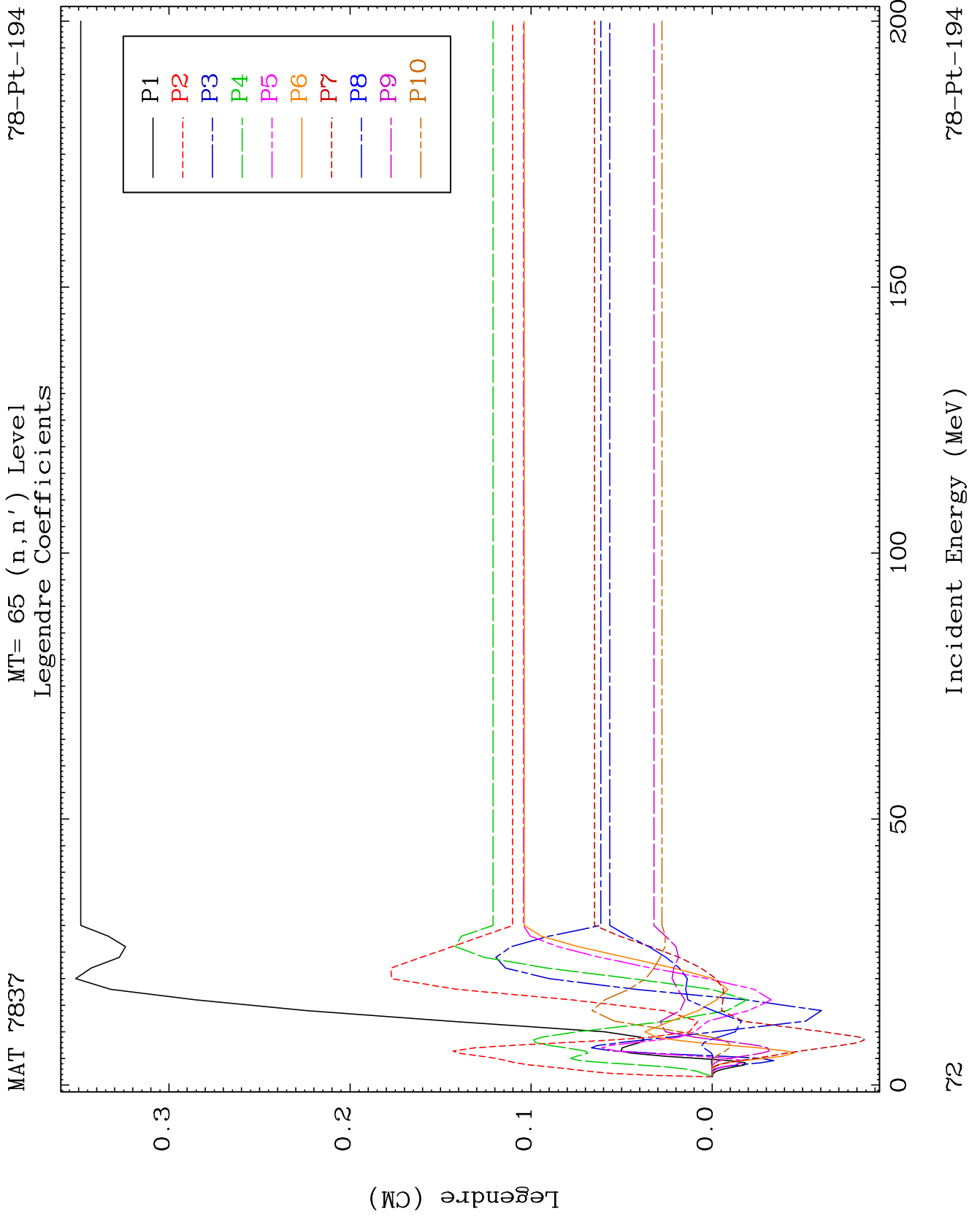
78-Pt-194

MAT 7837

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

78-Pt-194

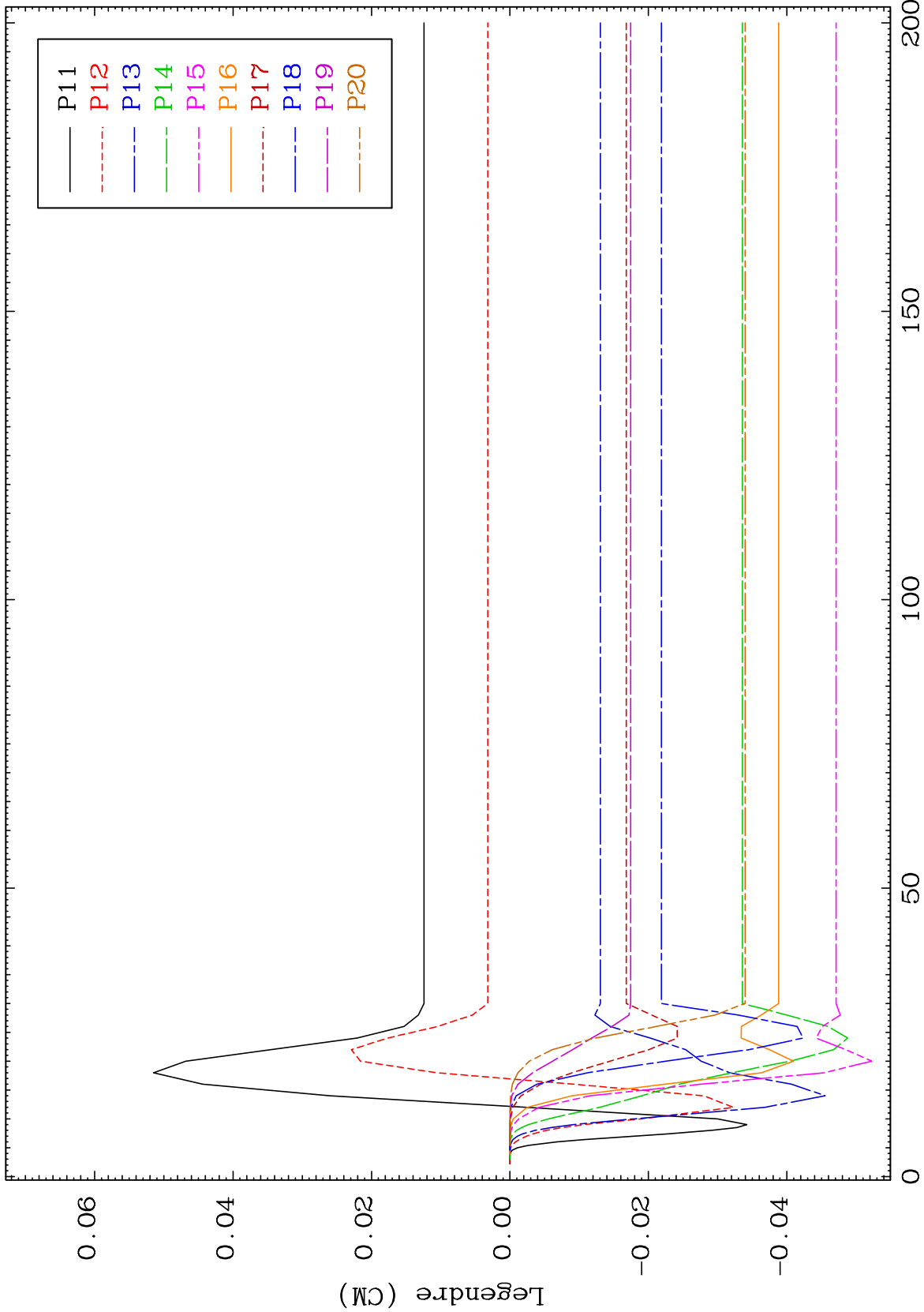




MAT 7837

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

78-Pt-194



73

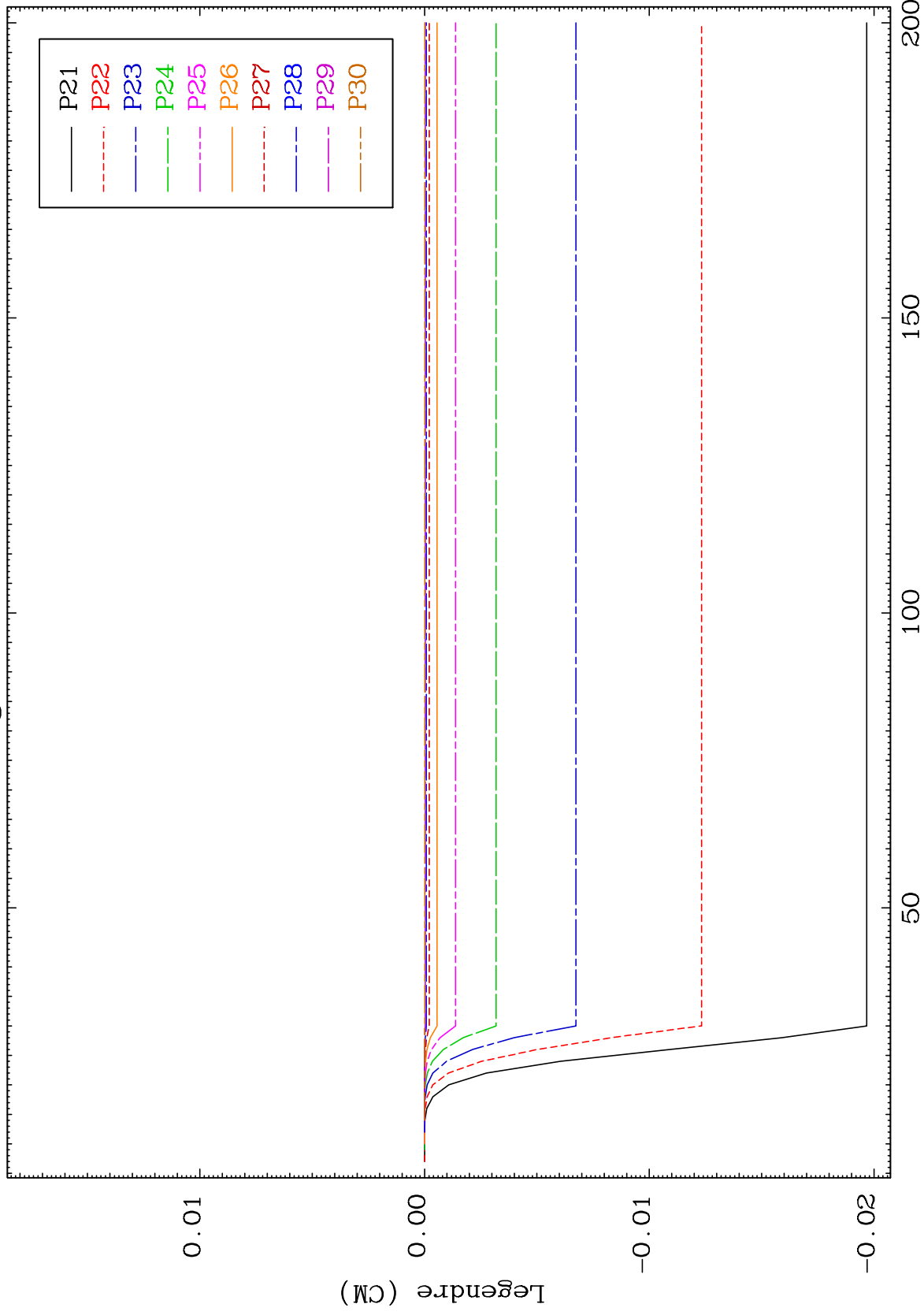
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

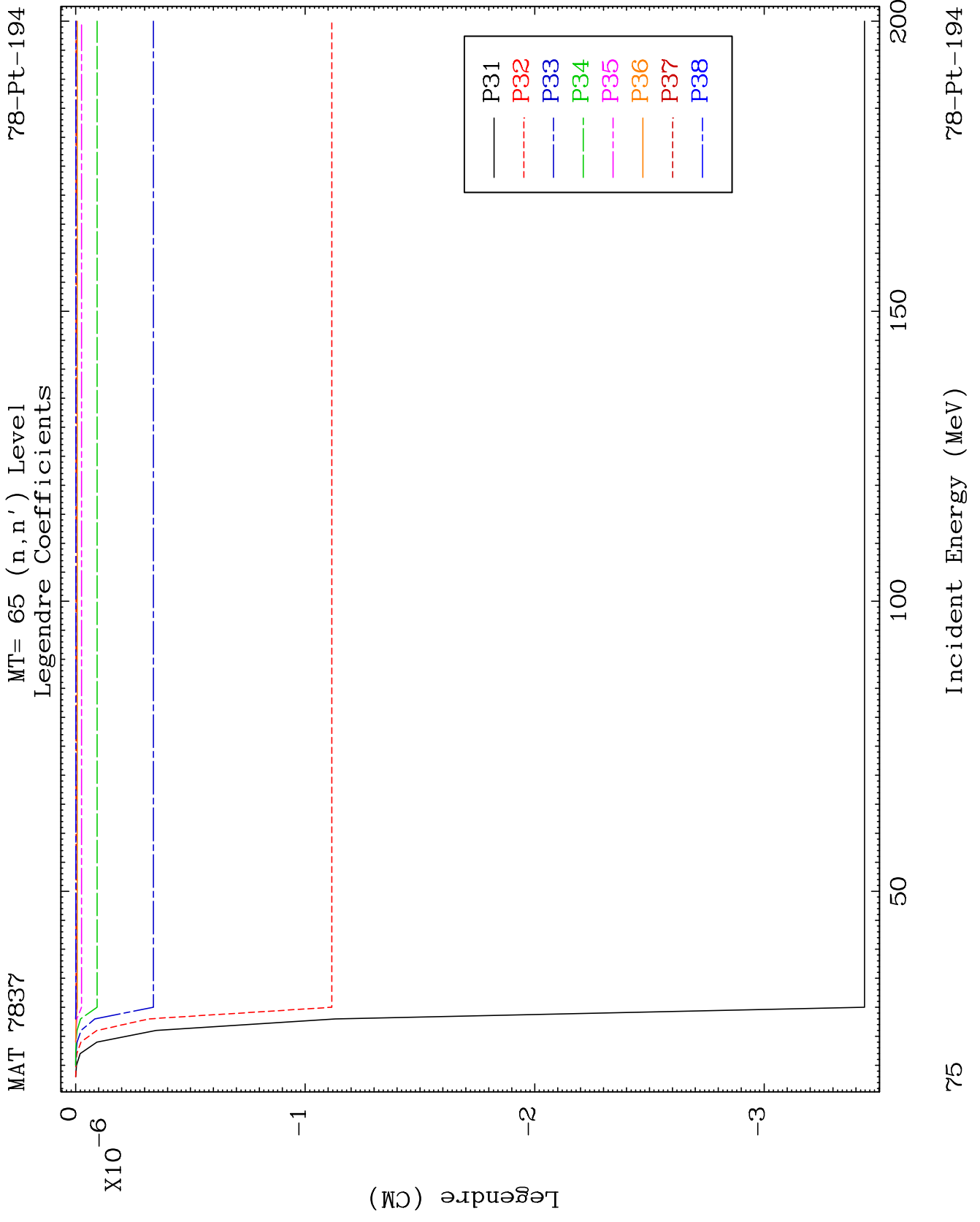
78-Pt-194

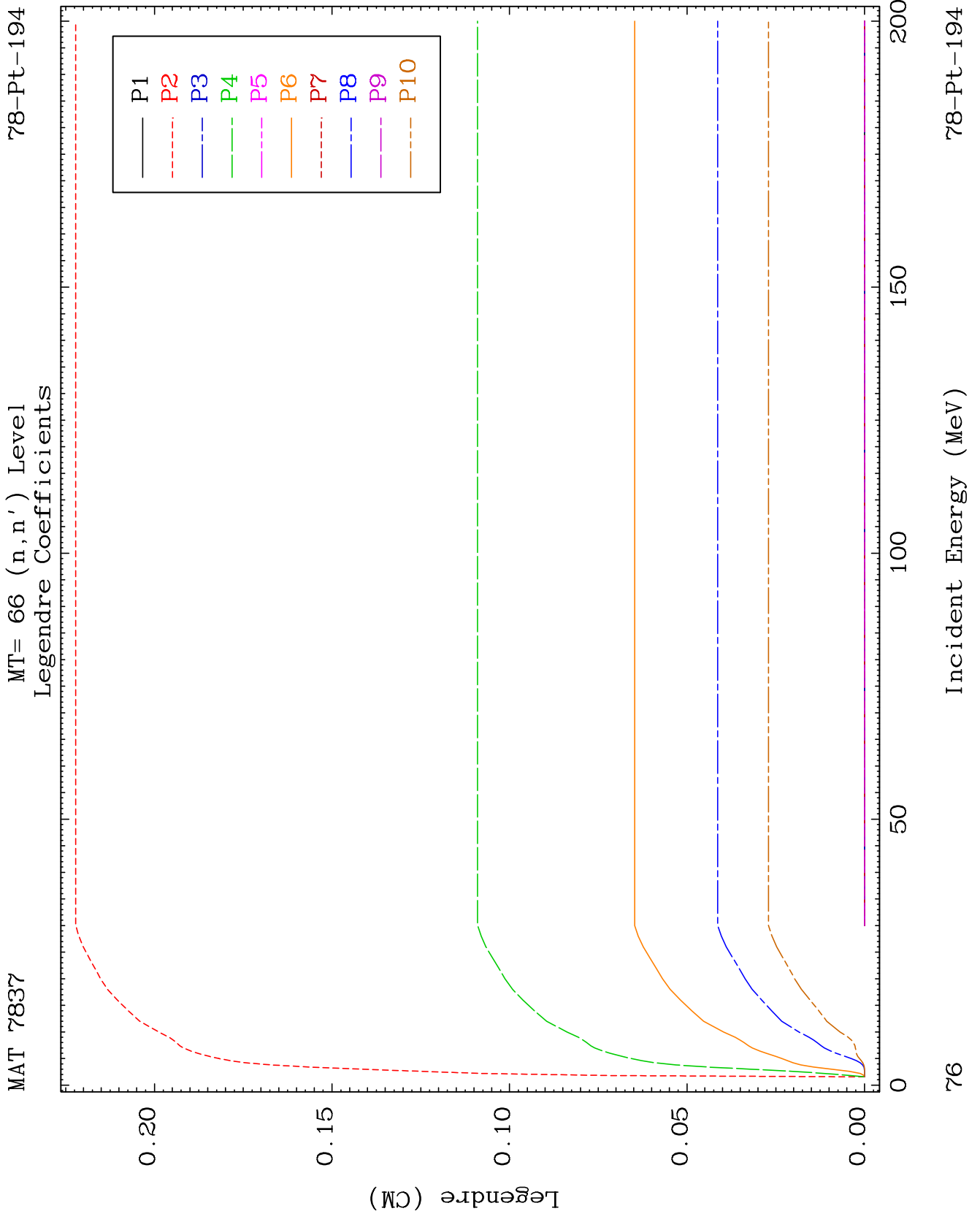


74

Incident Energy (MeV)

78-Pt-194

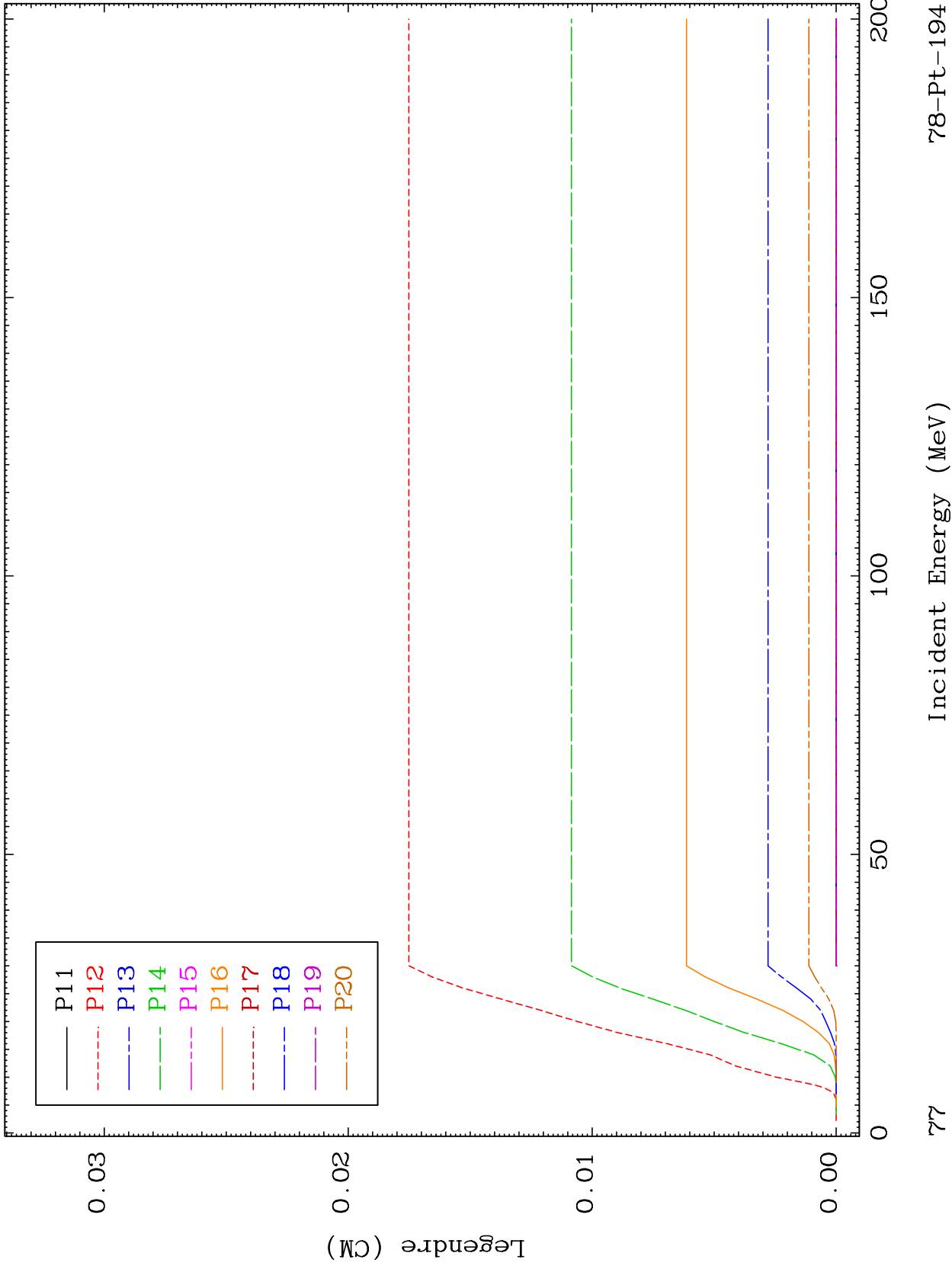




MAT 7837

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

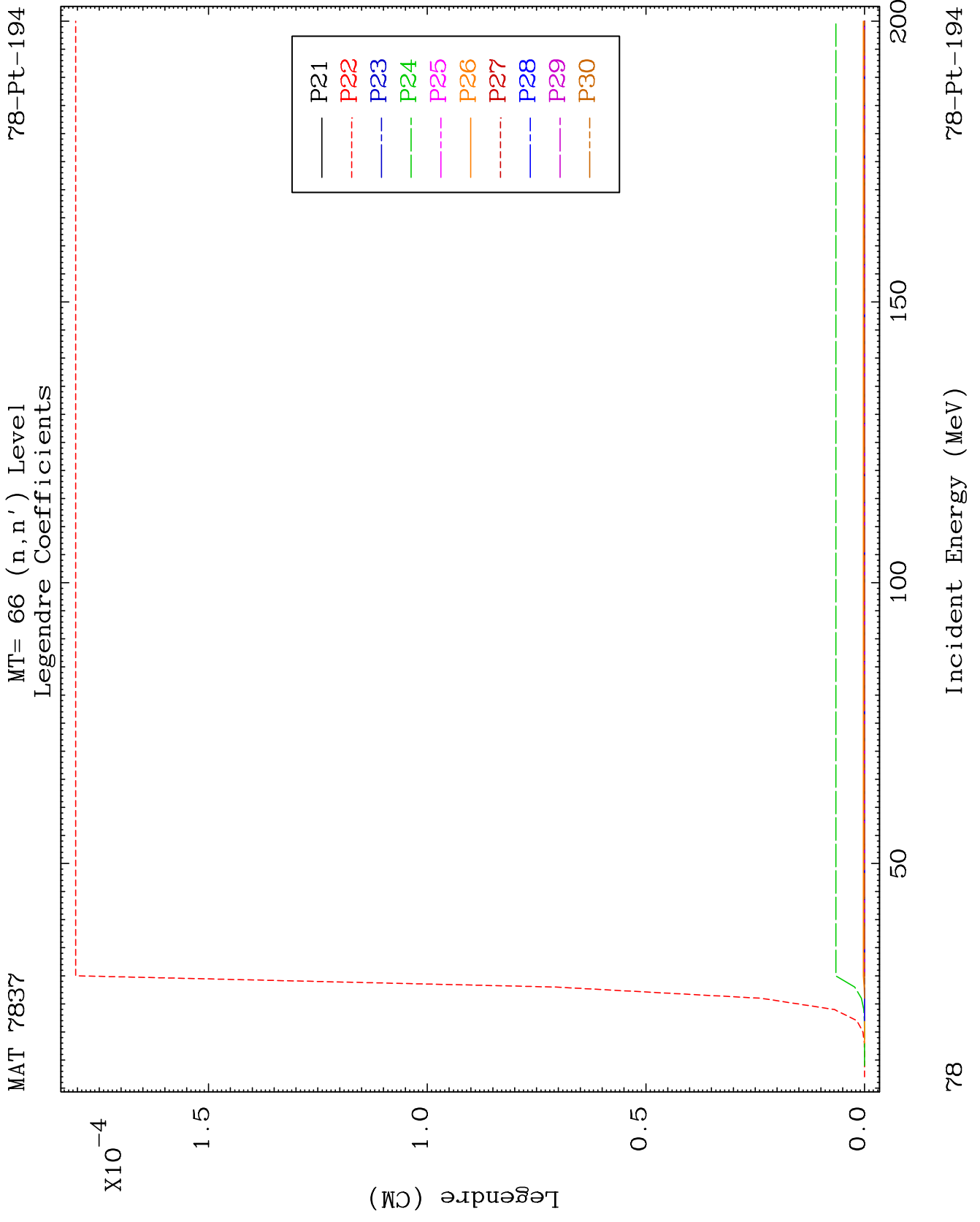
78-Pt-194



77

Incident Energy (MeV)

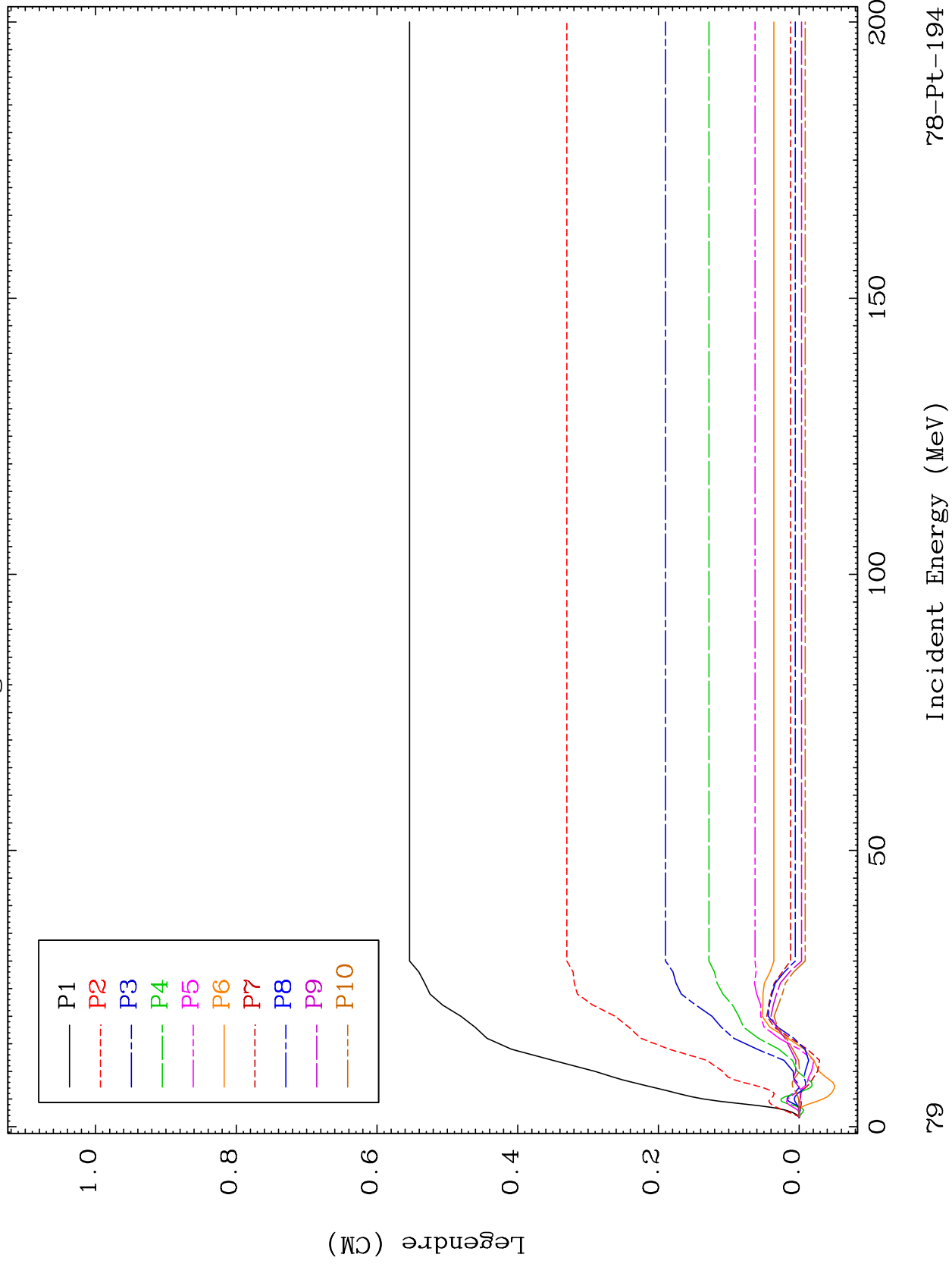
78-Pt-194



MAT 7837

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

78-Pt-194



78-Pt-194

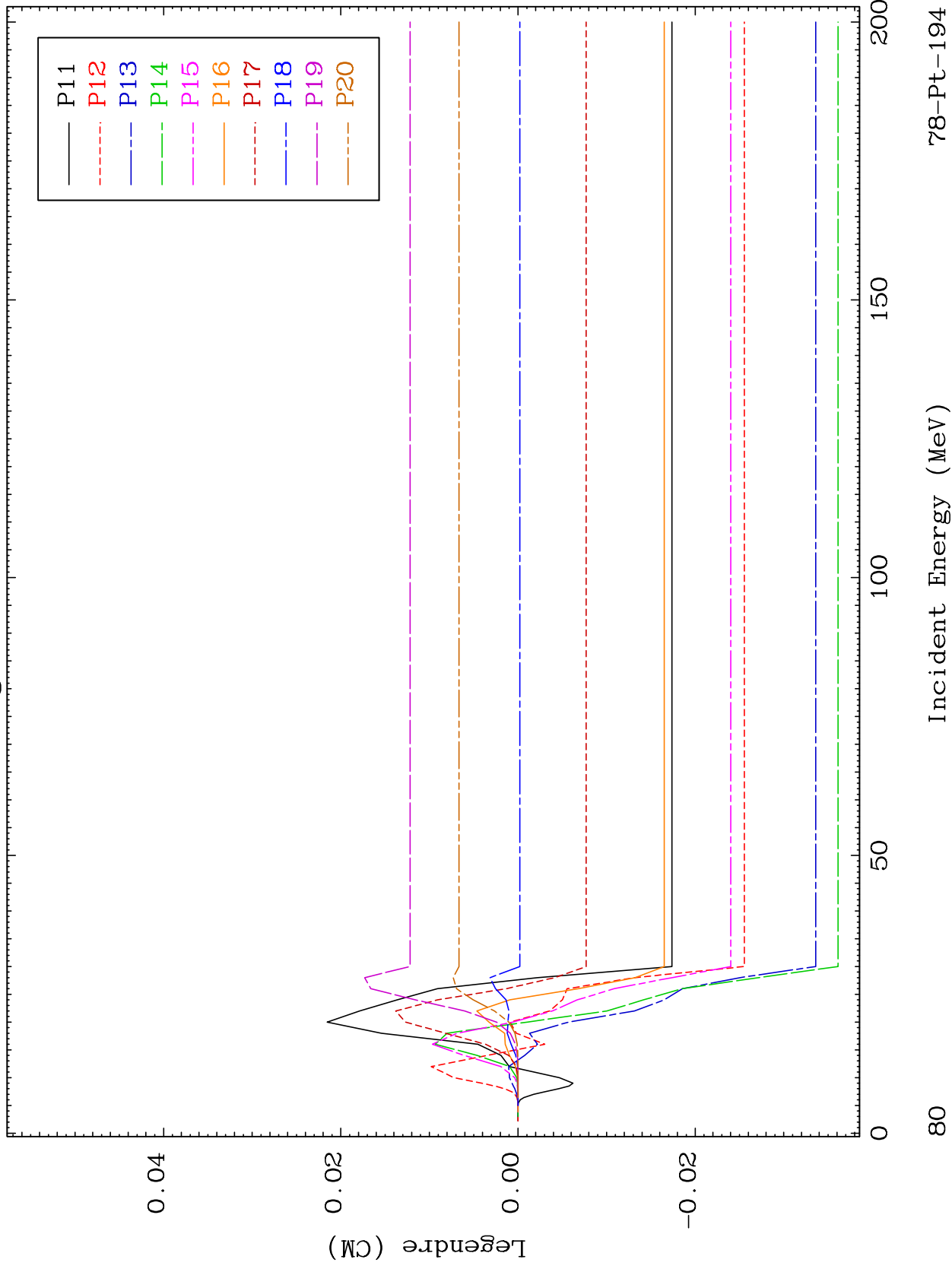
Incident Energy (MeV)

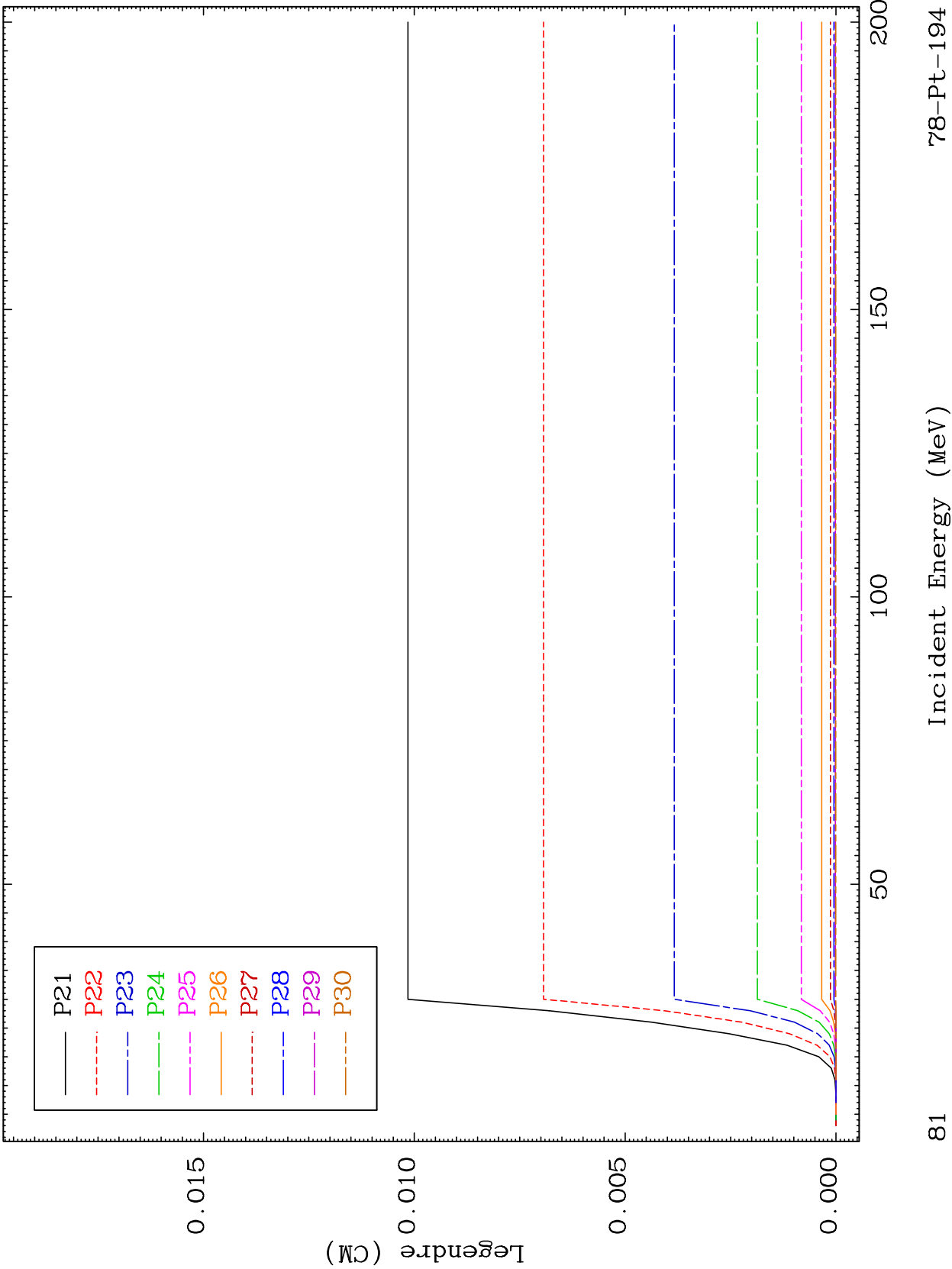
79

MAT 7837

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

78-Pt-194

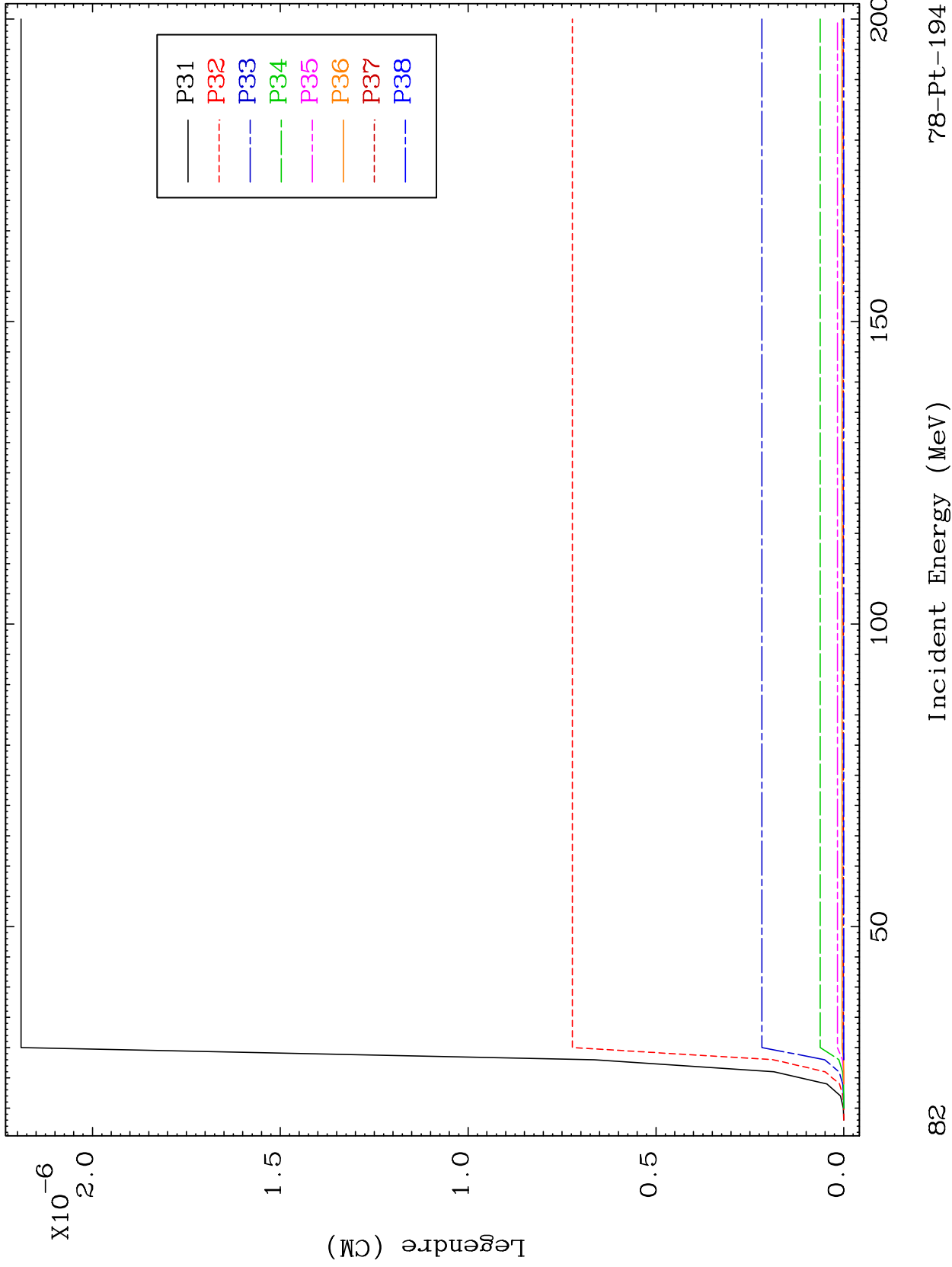




MAT 7837

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

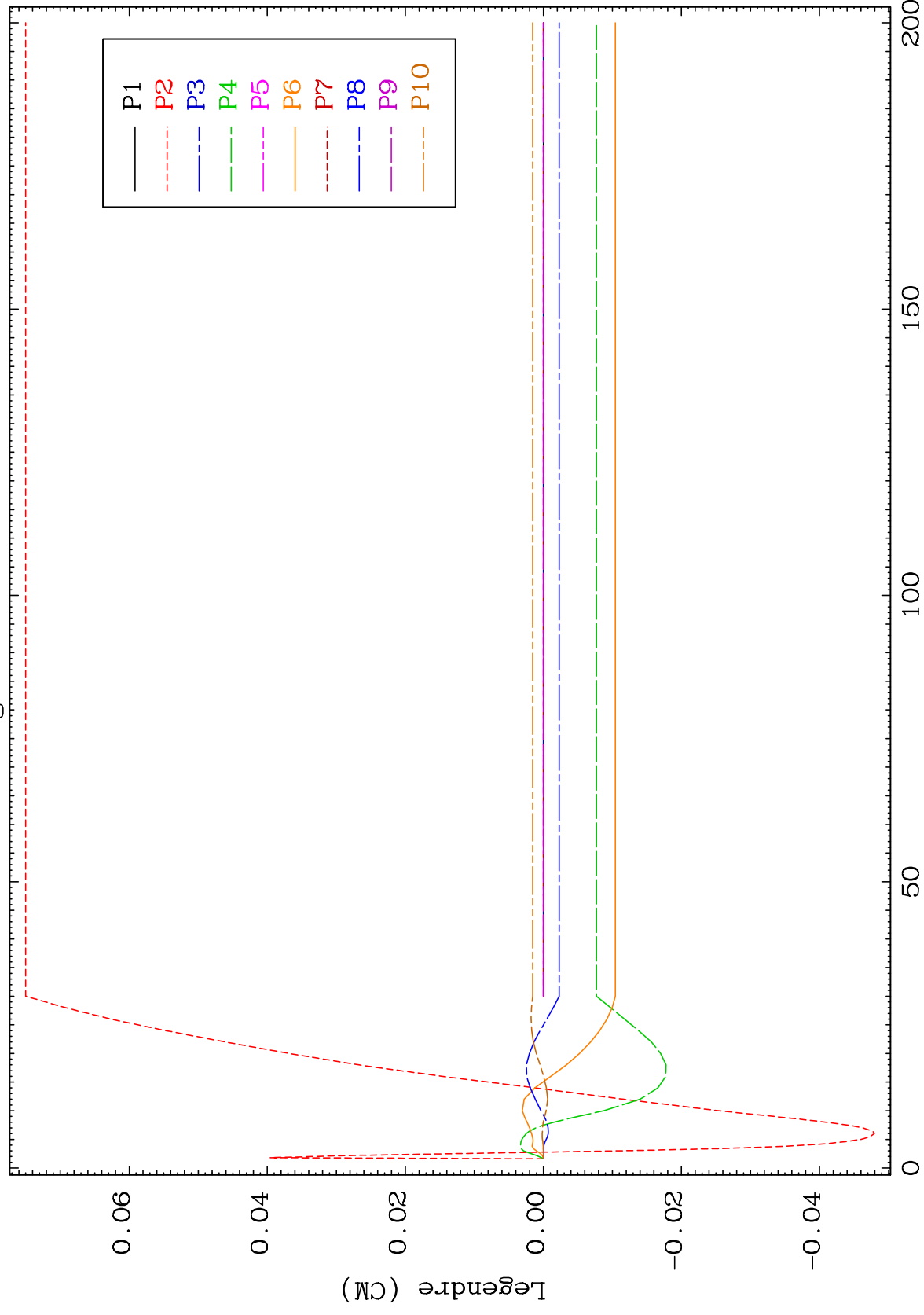
78-Pt-194



MAT 7837

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

78-Pt-194



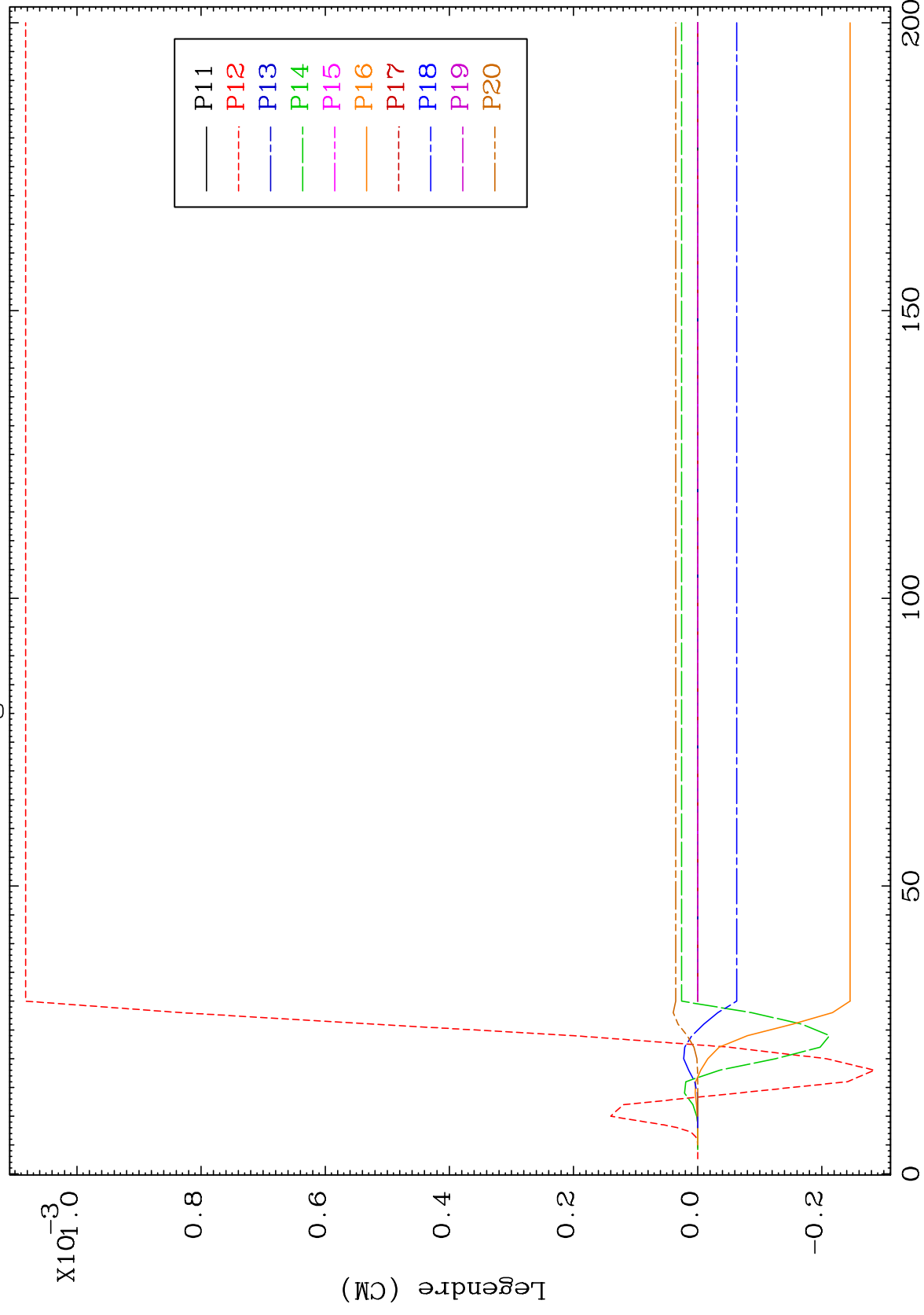
83

78-Pt-194

MAT 7837

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

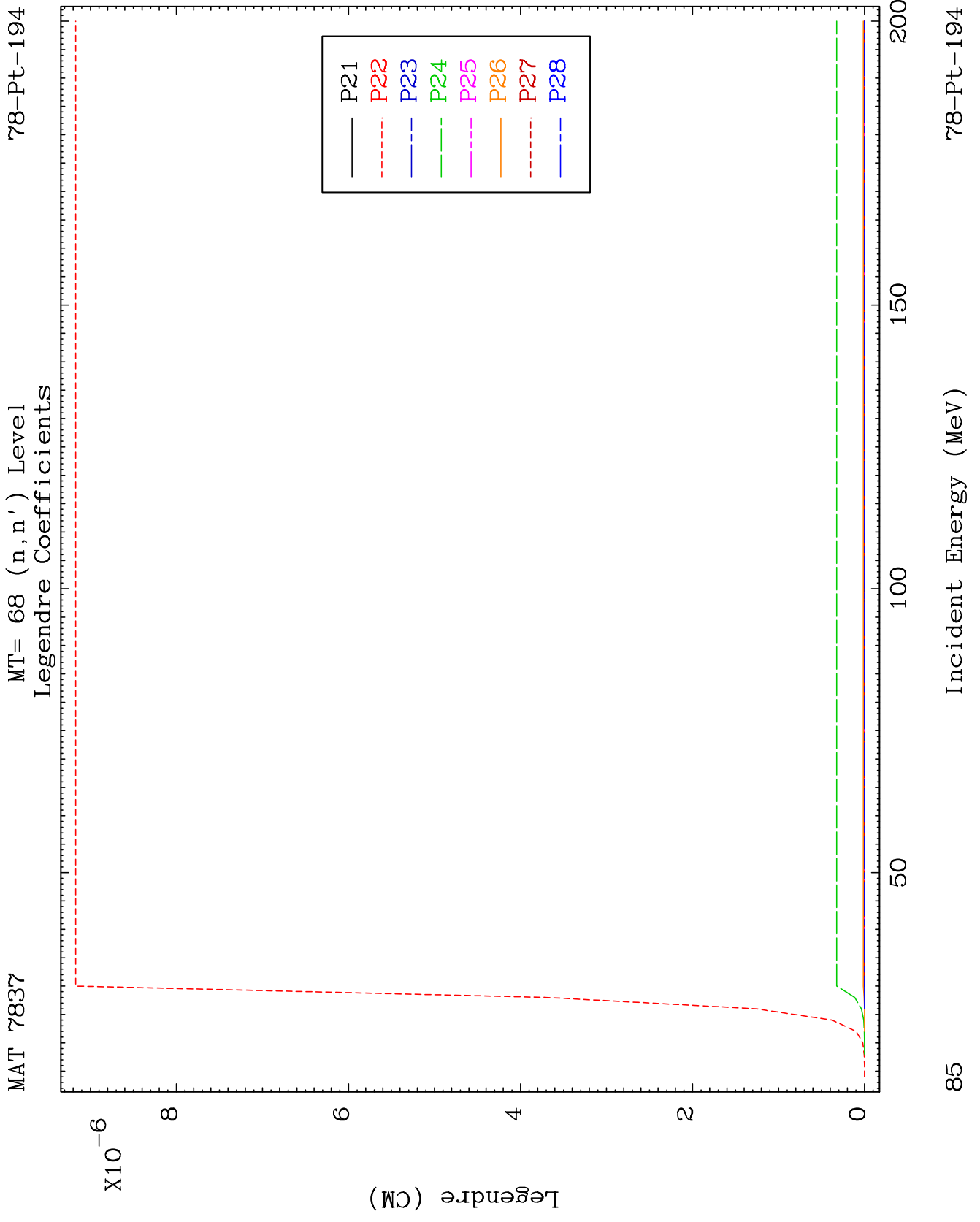
78-Pt-194



84

Incident Energy (MeV)

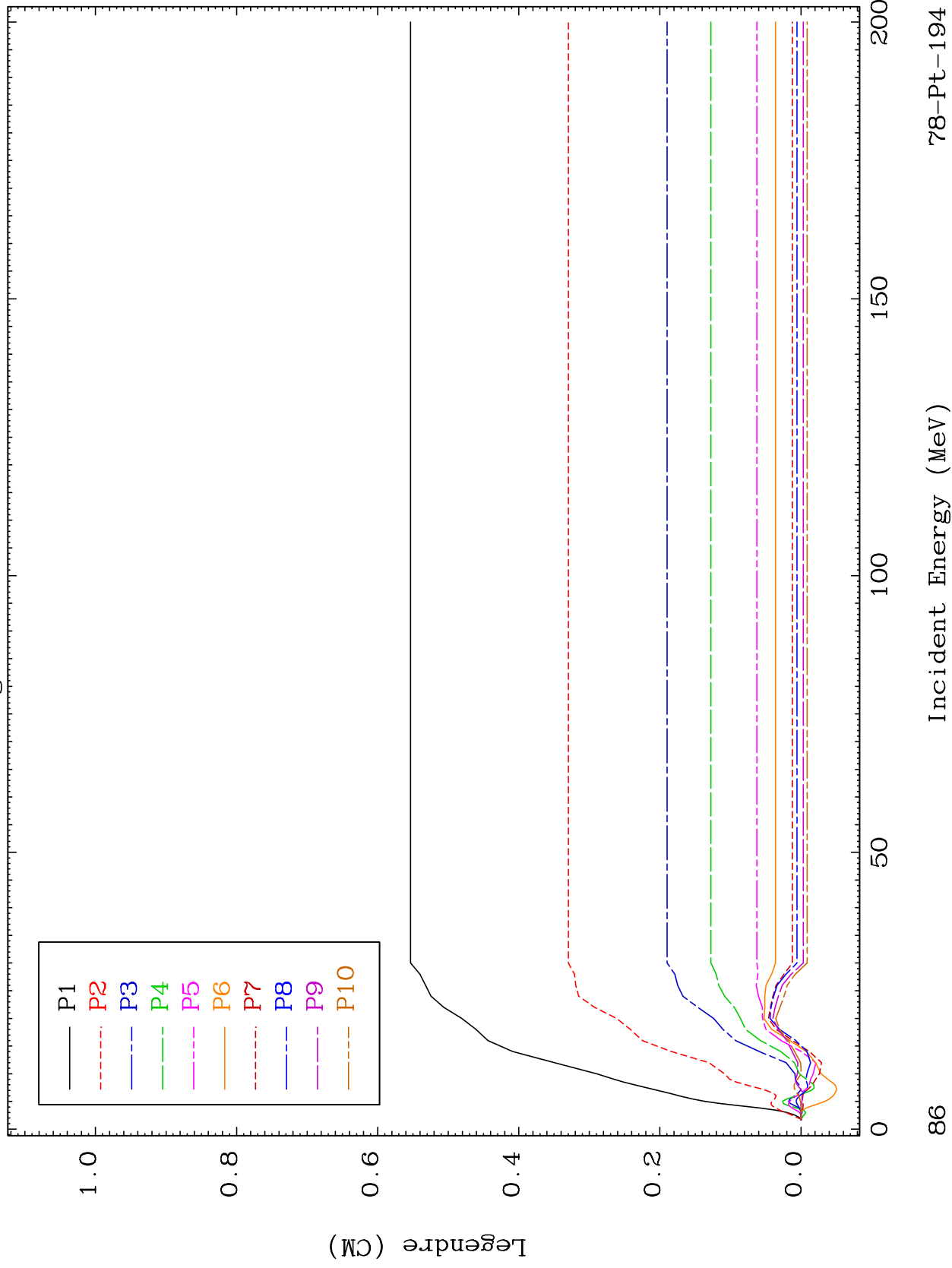
78-Pt-194



MAT 7837

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

78-Pt-194



78-Pt-194

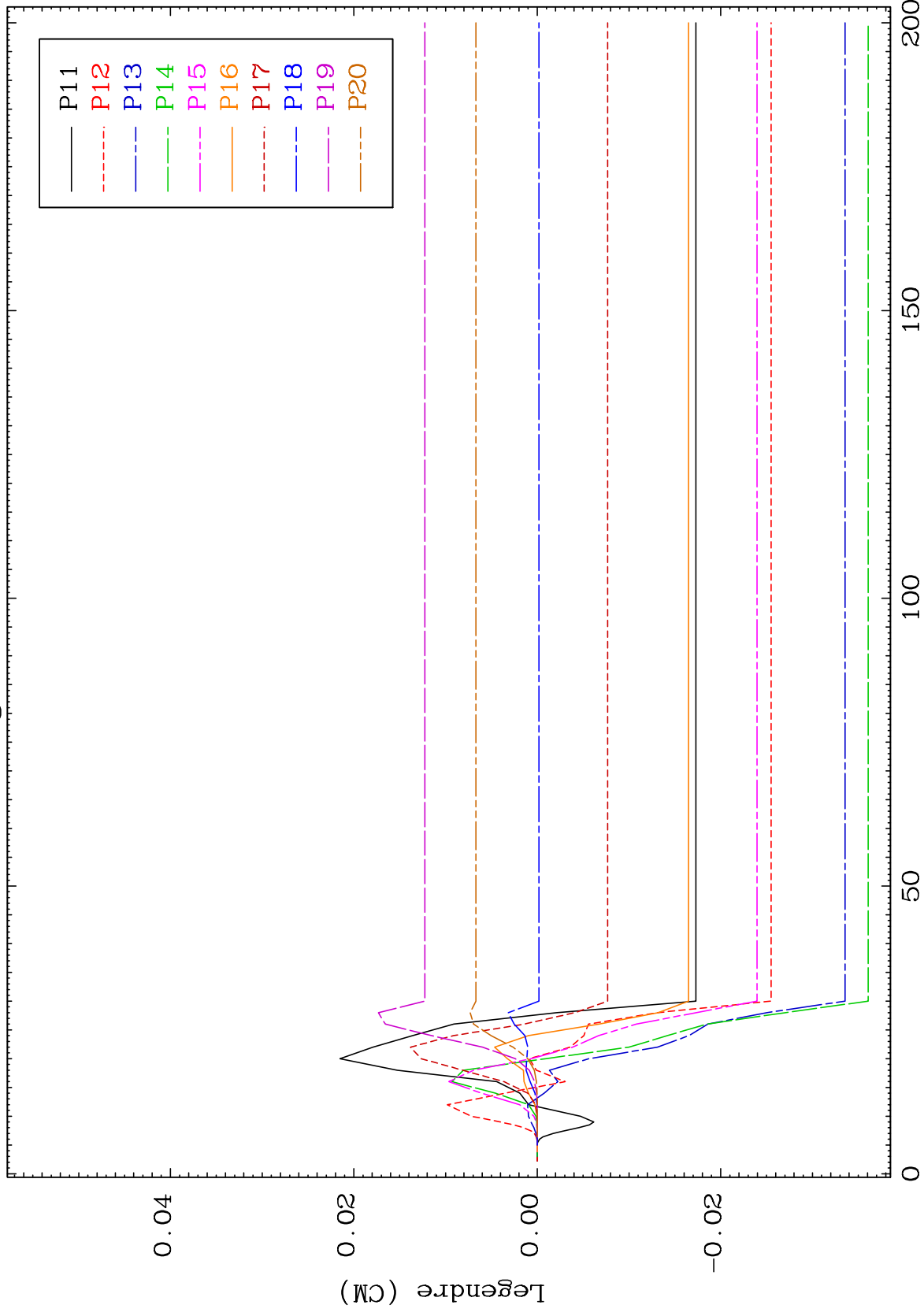
Incident Energy (MeV)

86

MAT 7837

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

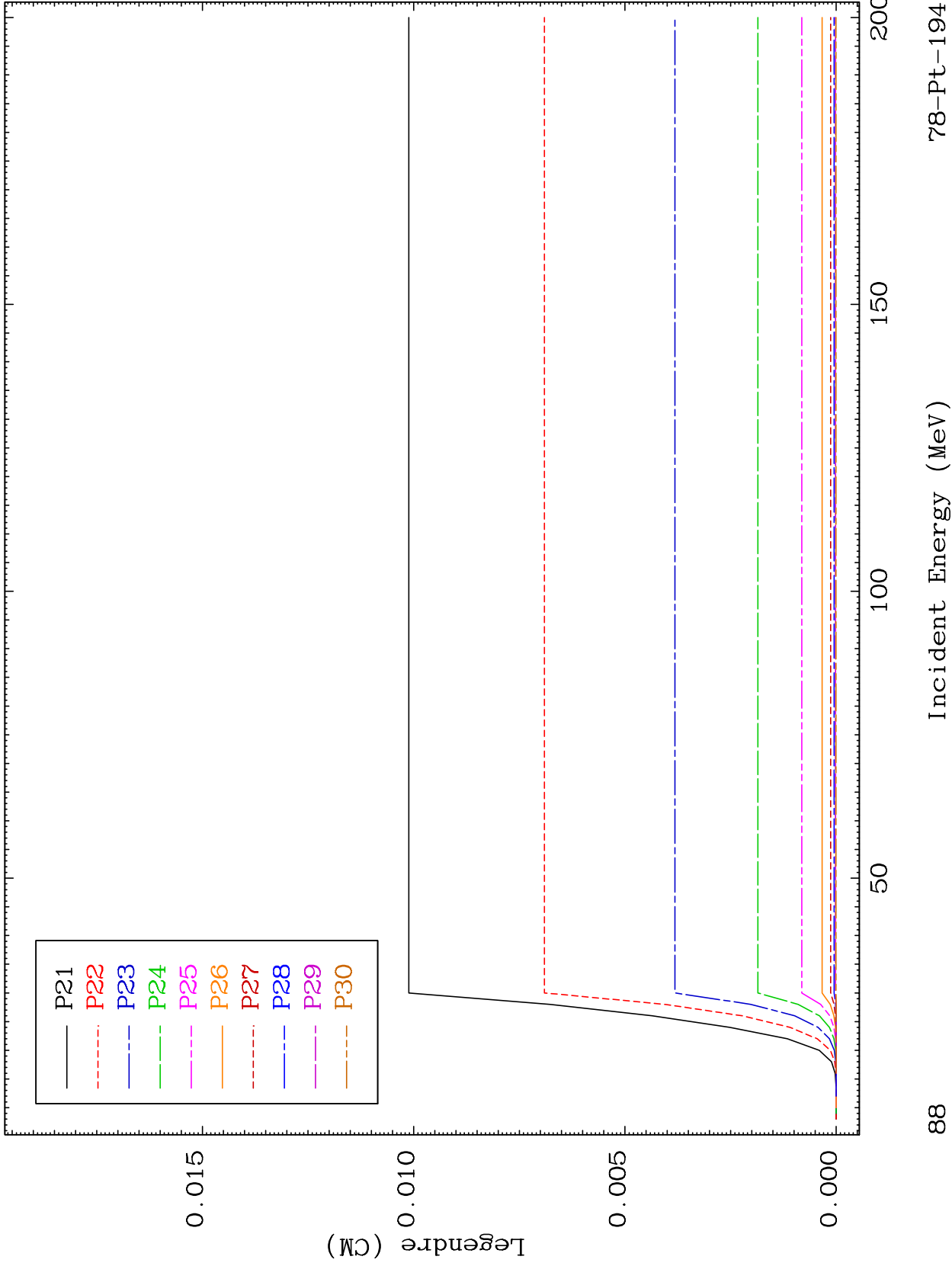
78-Pt-194



87

Incident Energy (MeV)

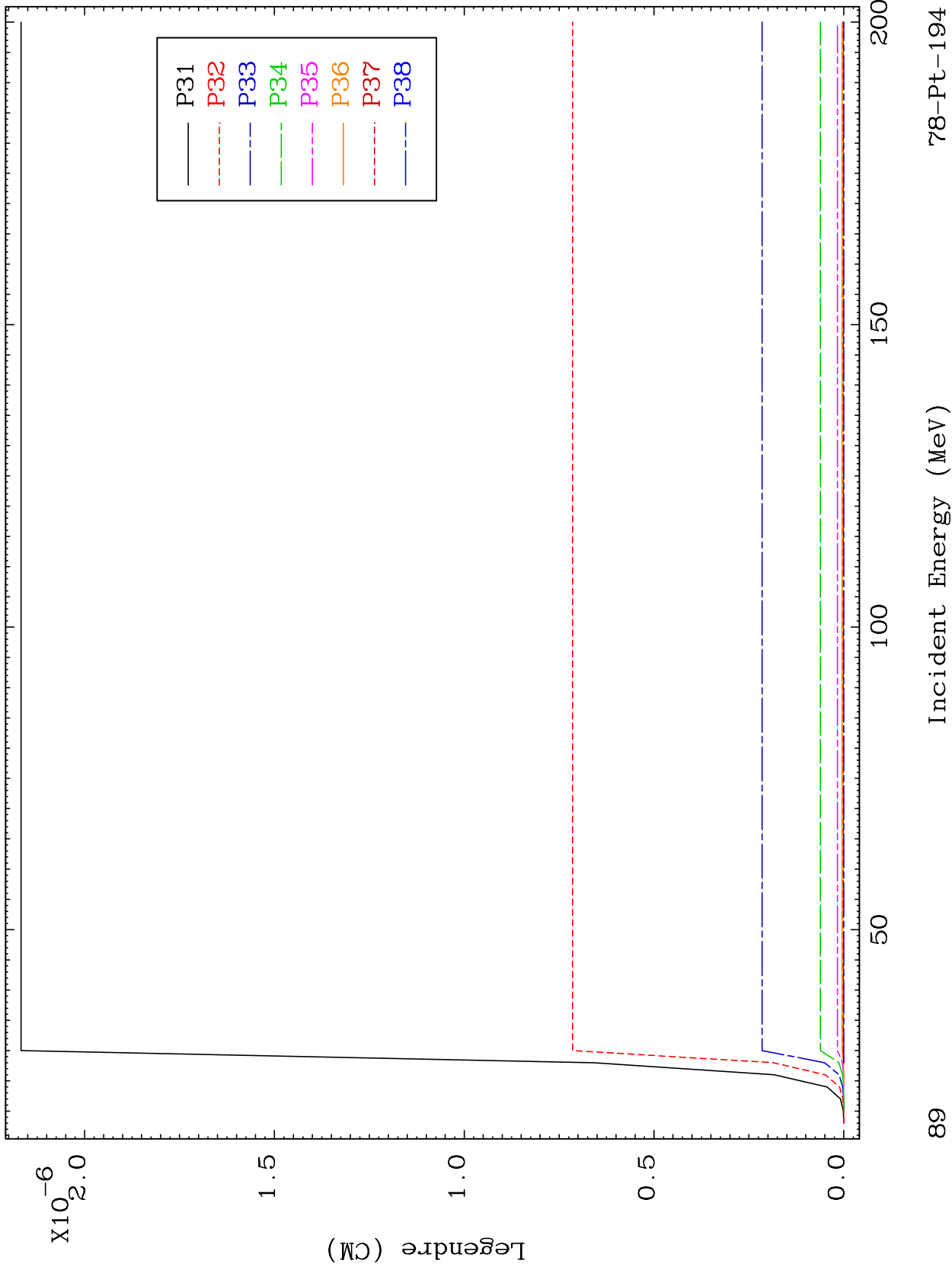
78-Pt-194



MAT 7837

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

78-Pt-194



89

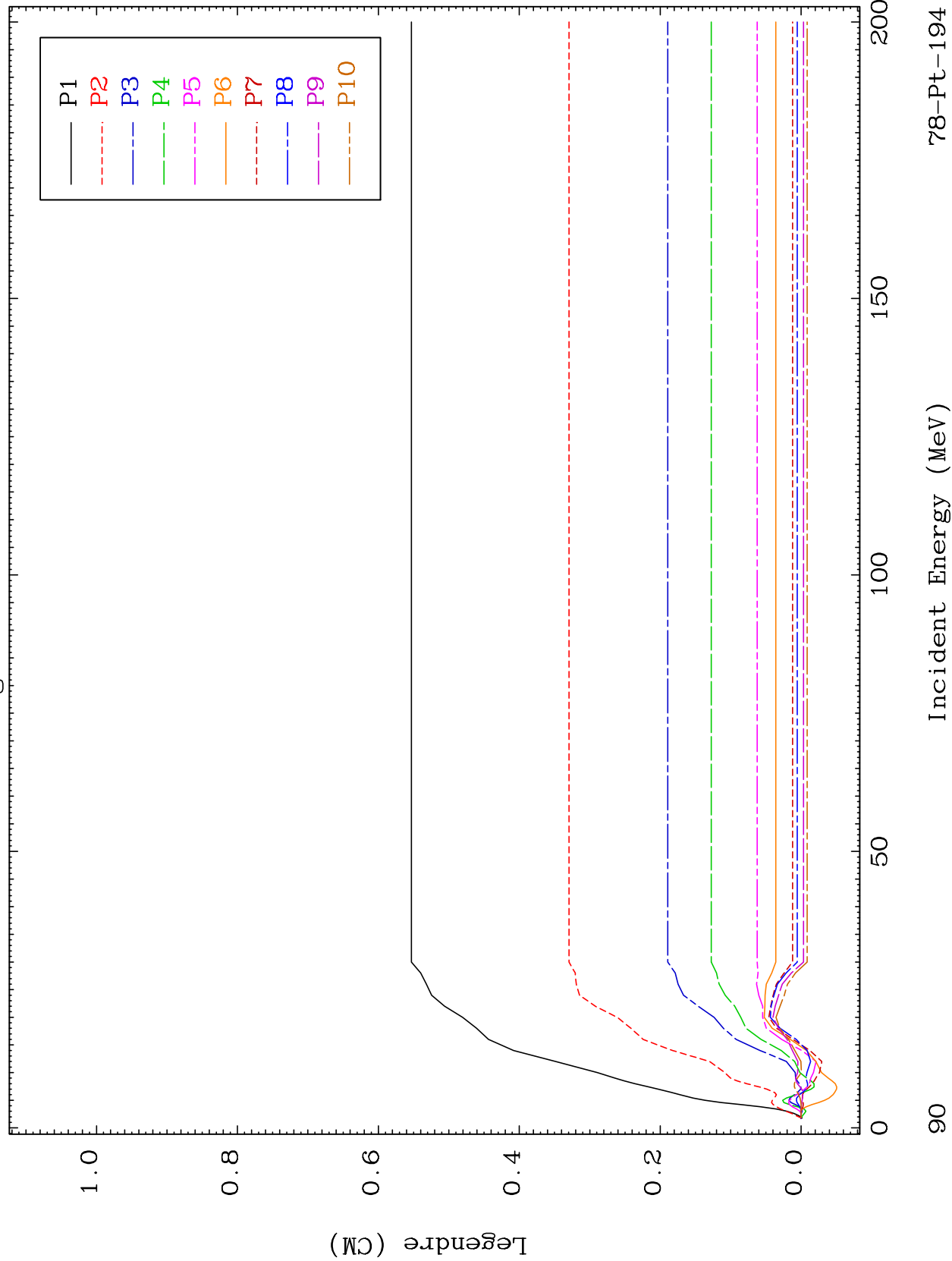
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194

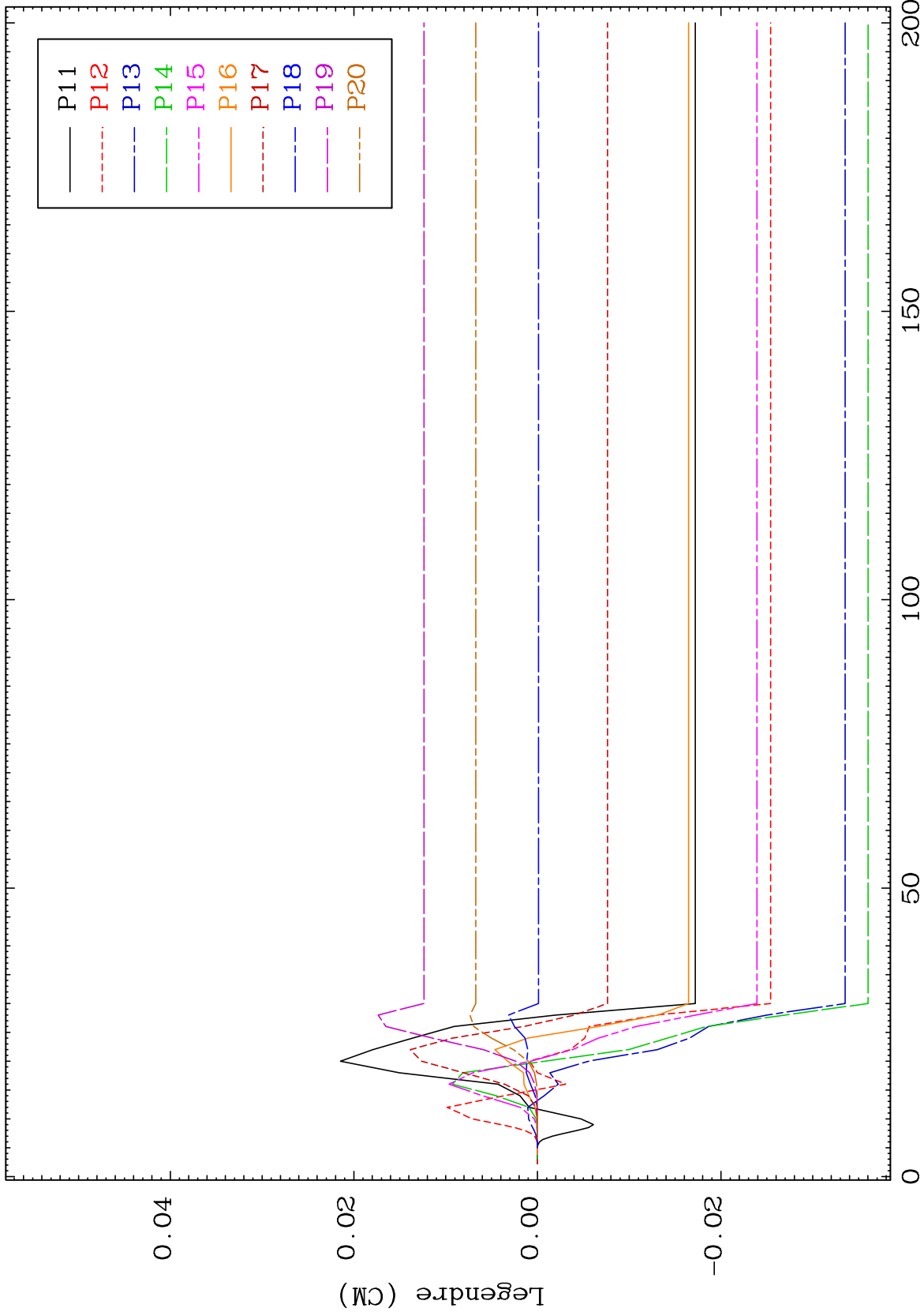


78-Pt-194

MAT 7837

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

78-Pt-194



91

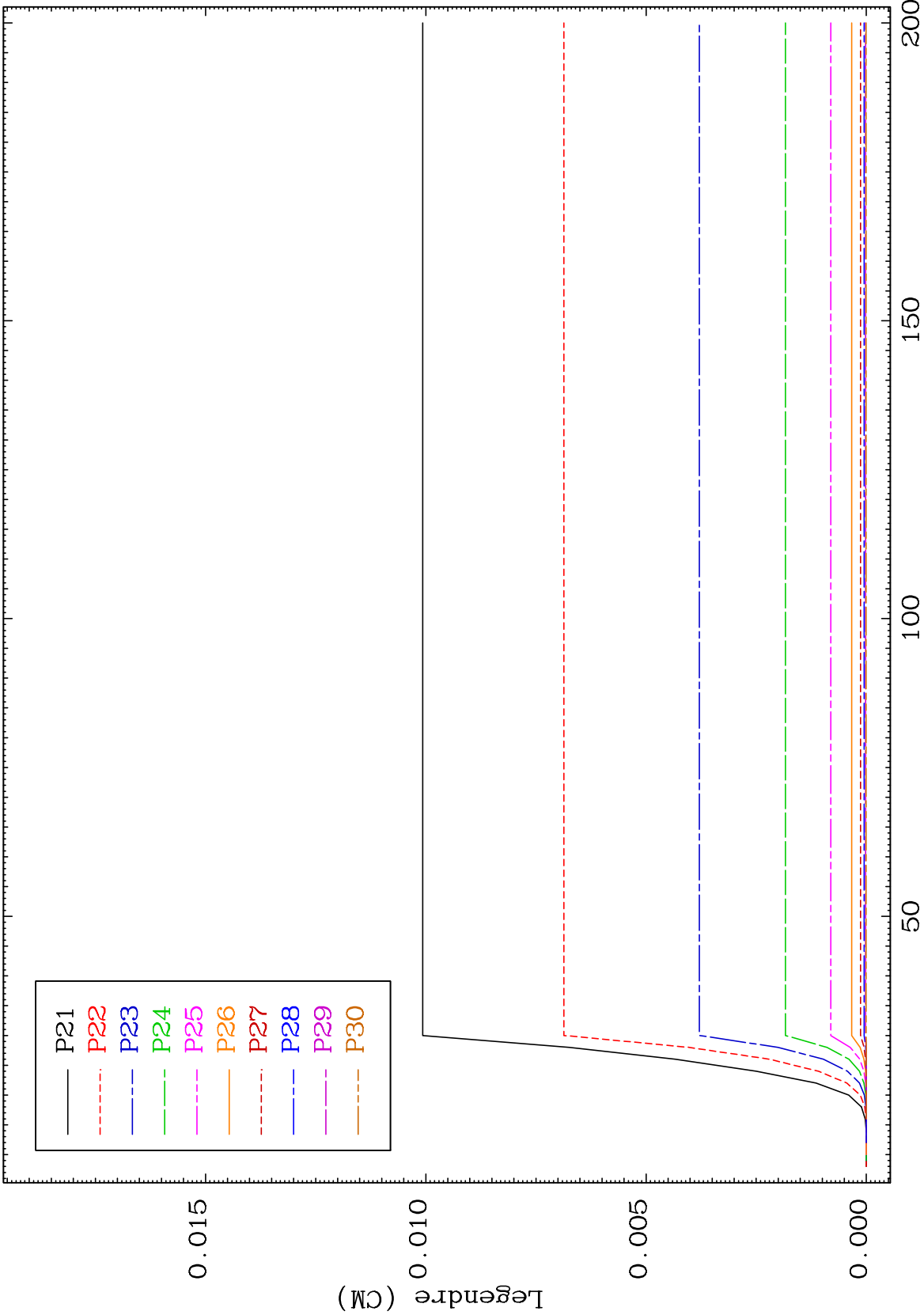
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194



92

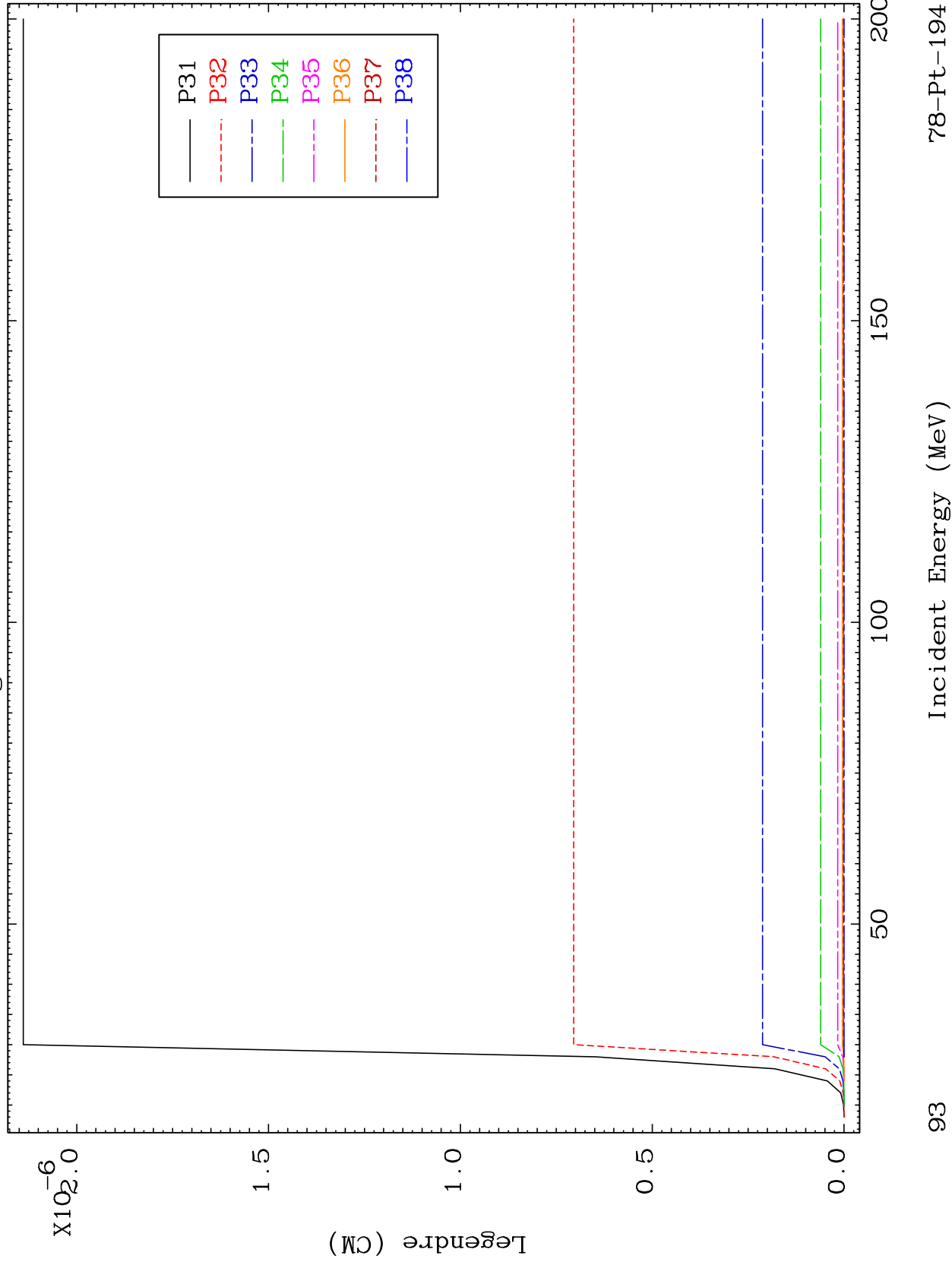
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194



93

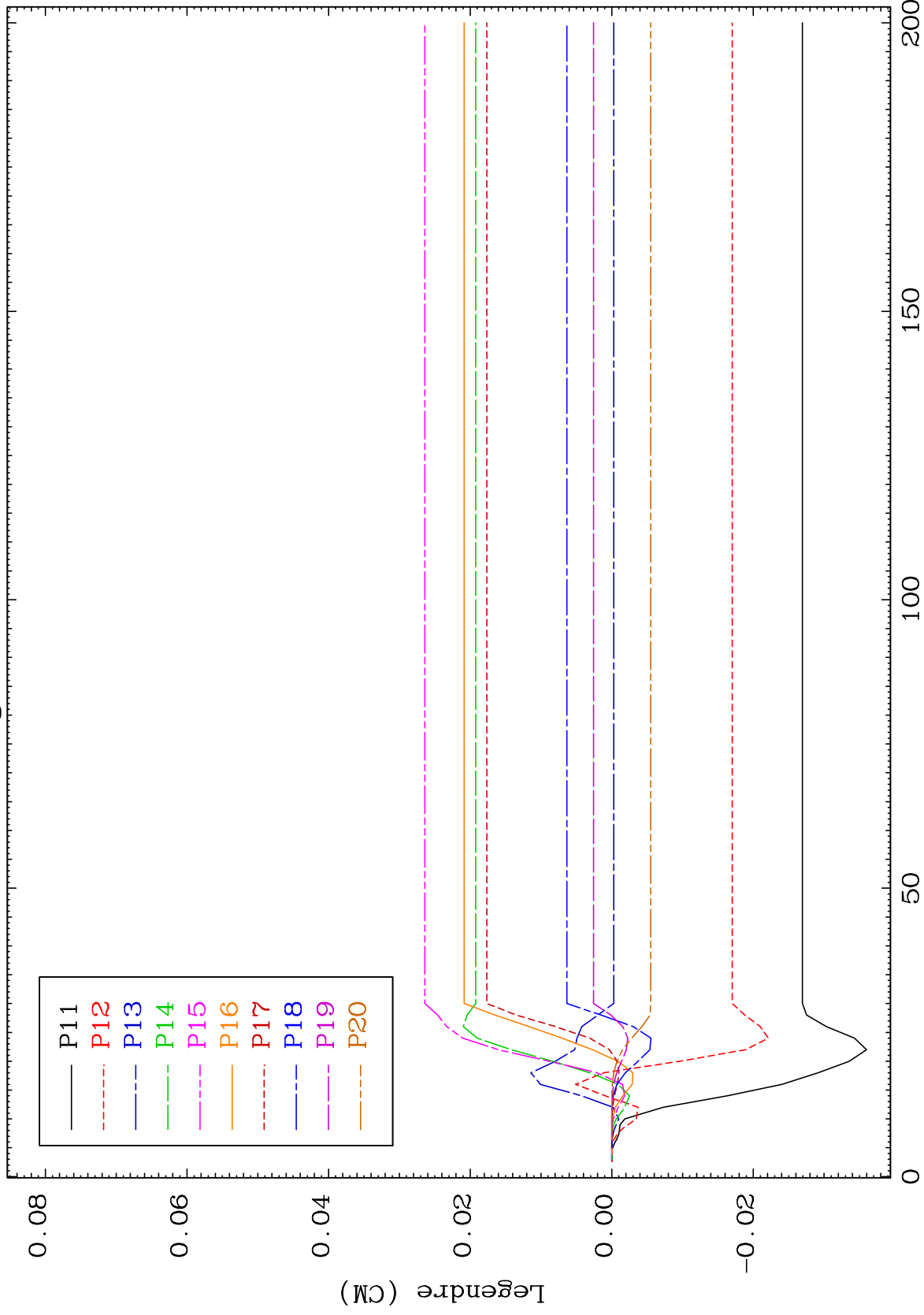
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194



95

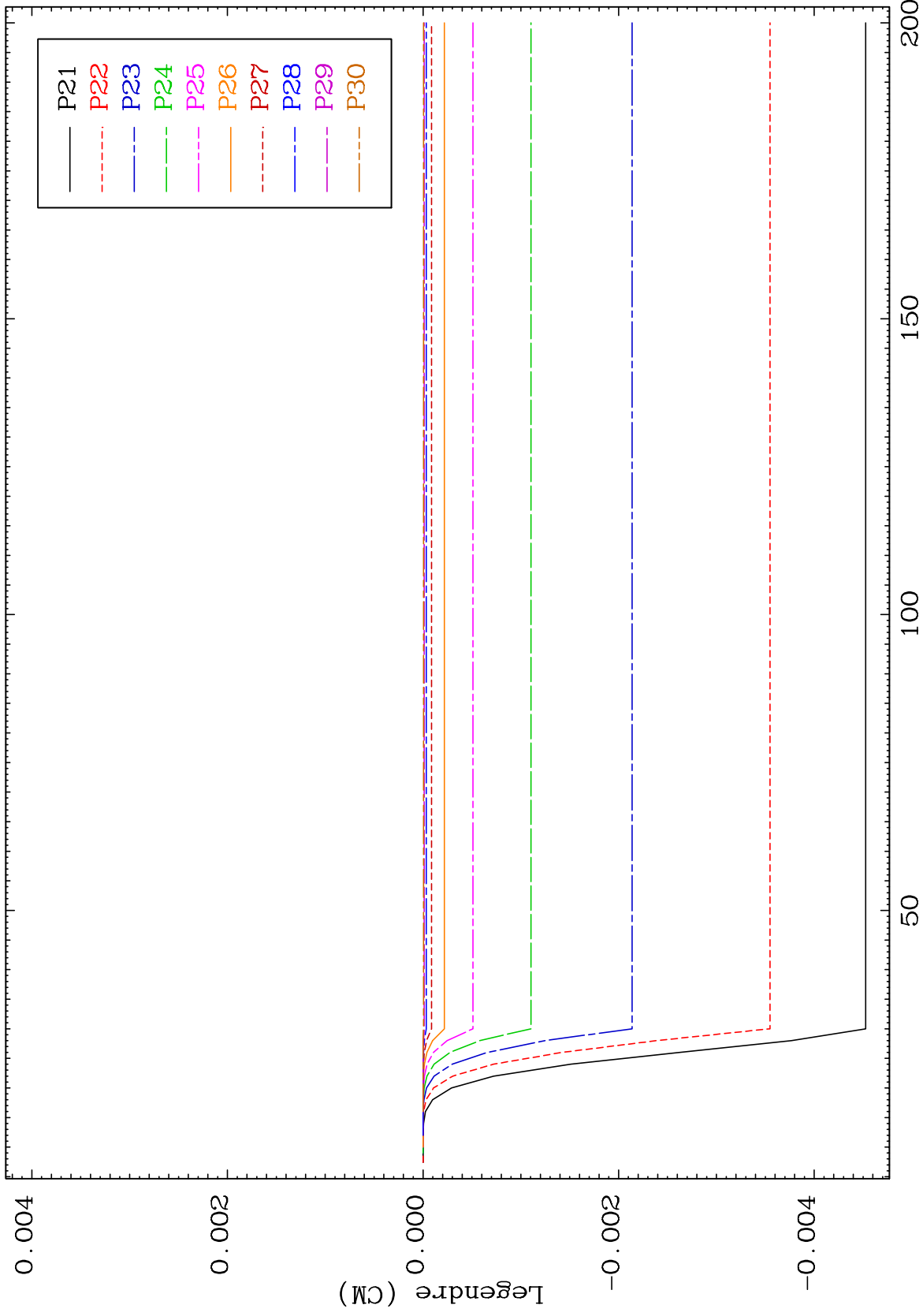
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

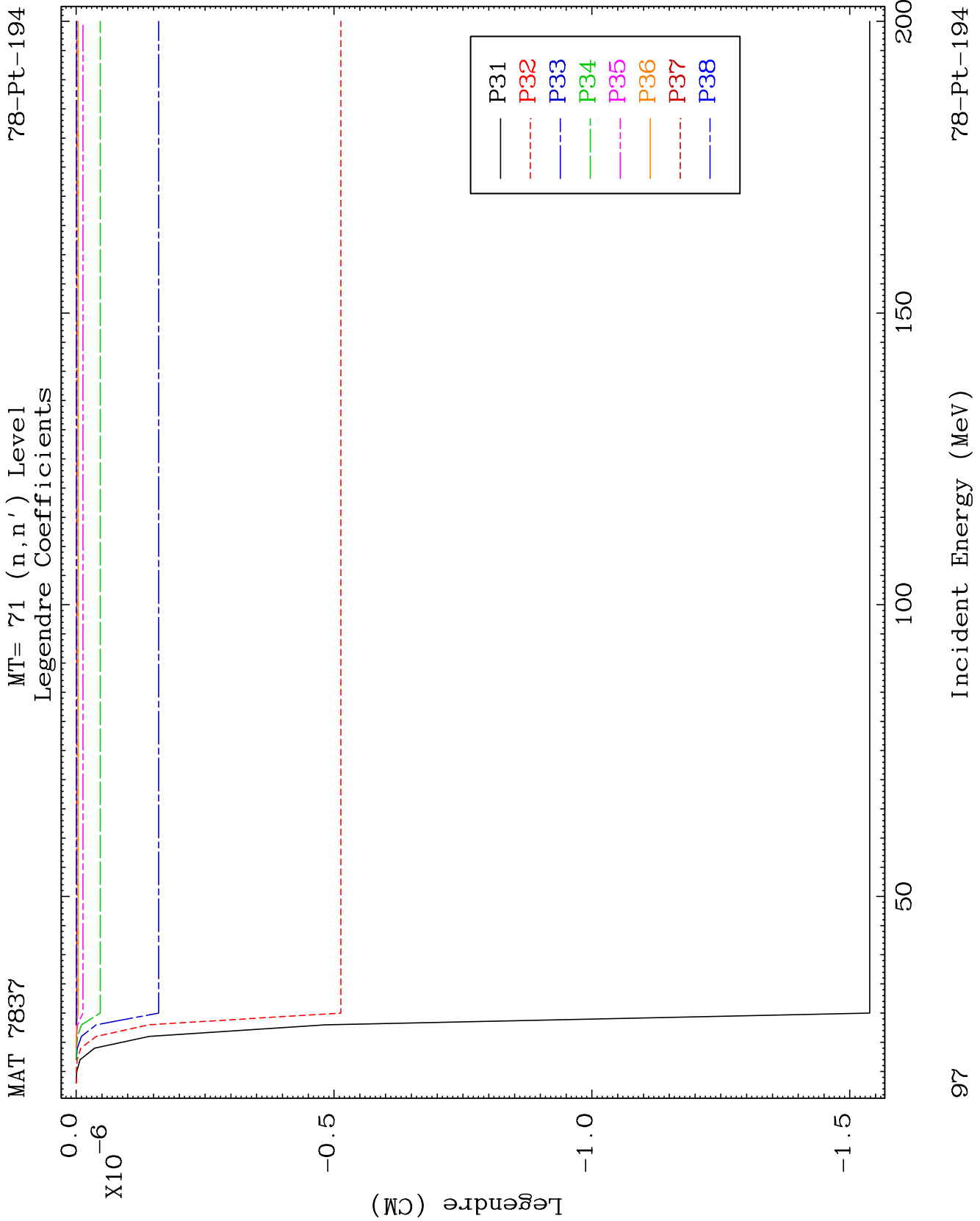
78-Pt-194

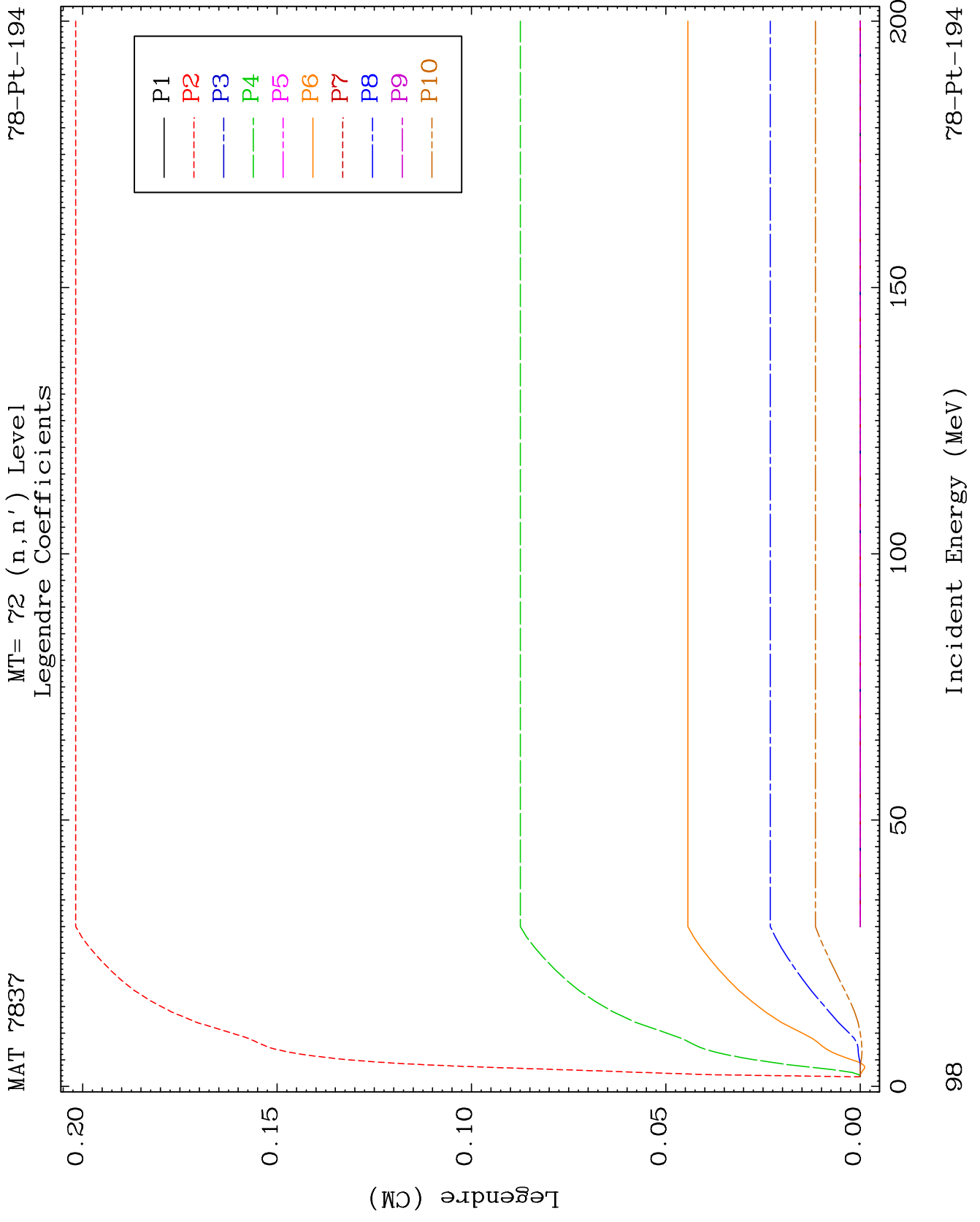


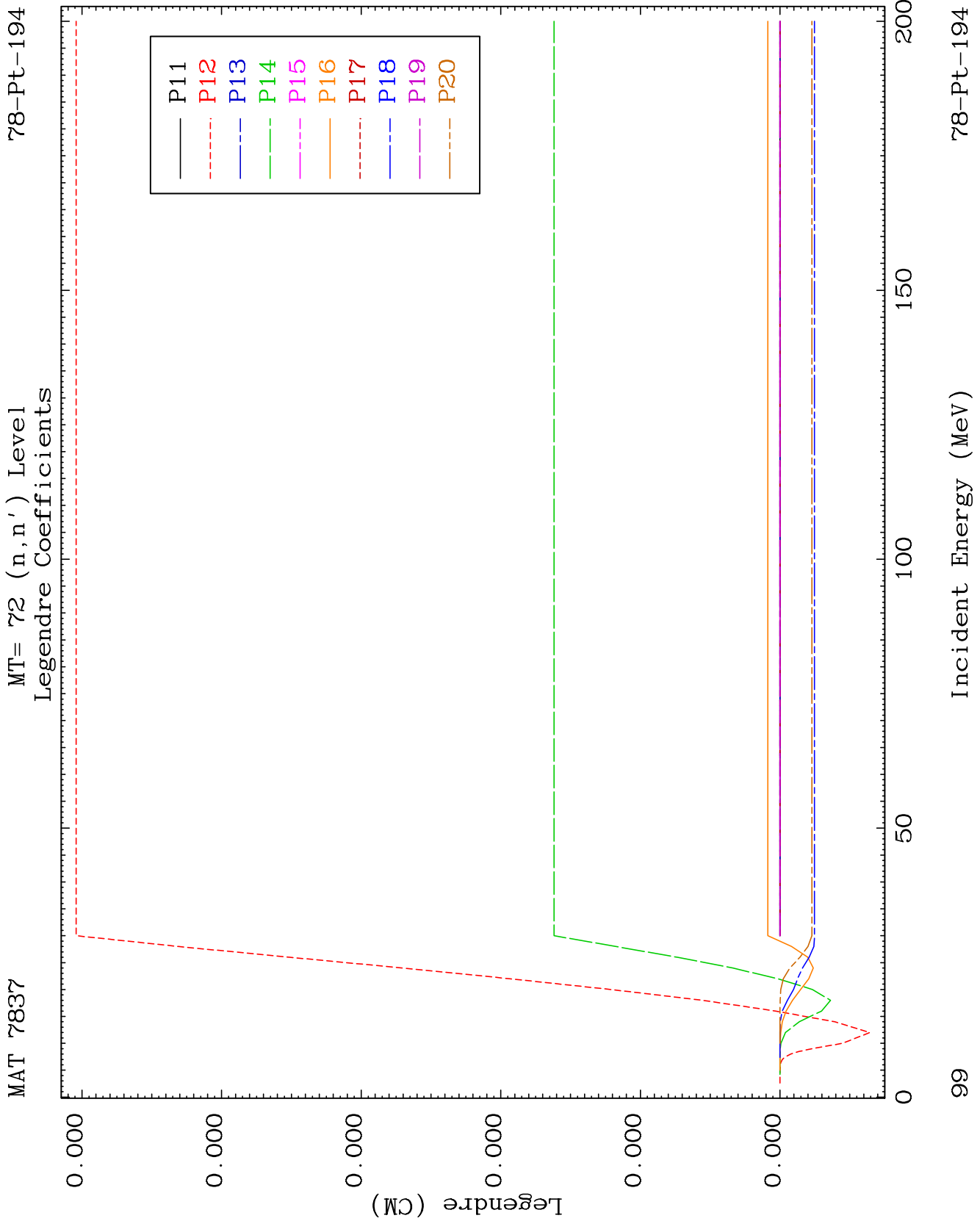
96

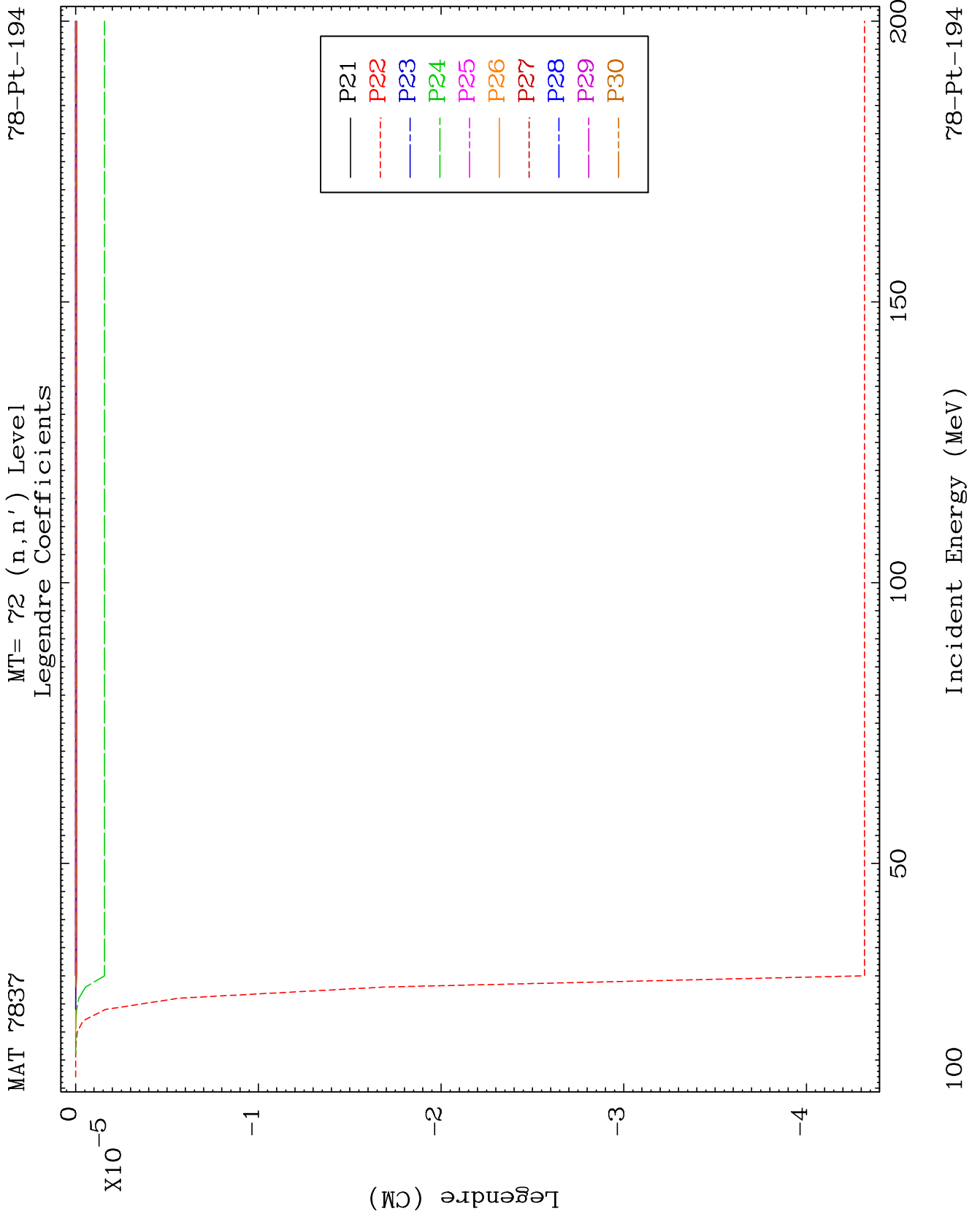
Incident Energy (MeV)

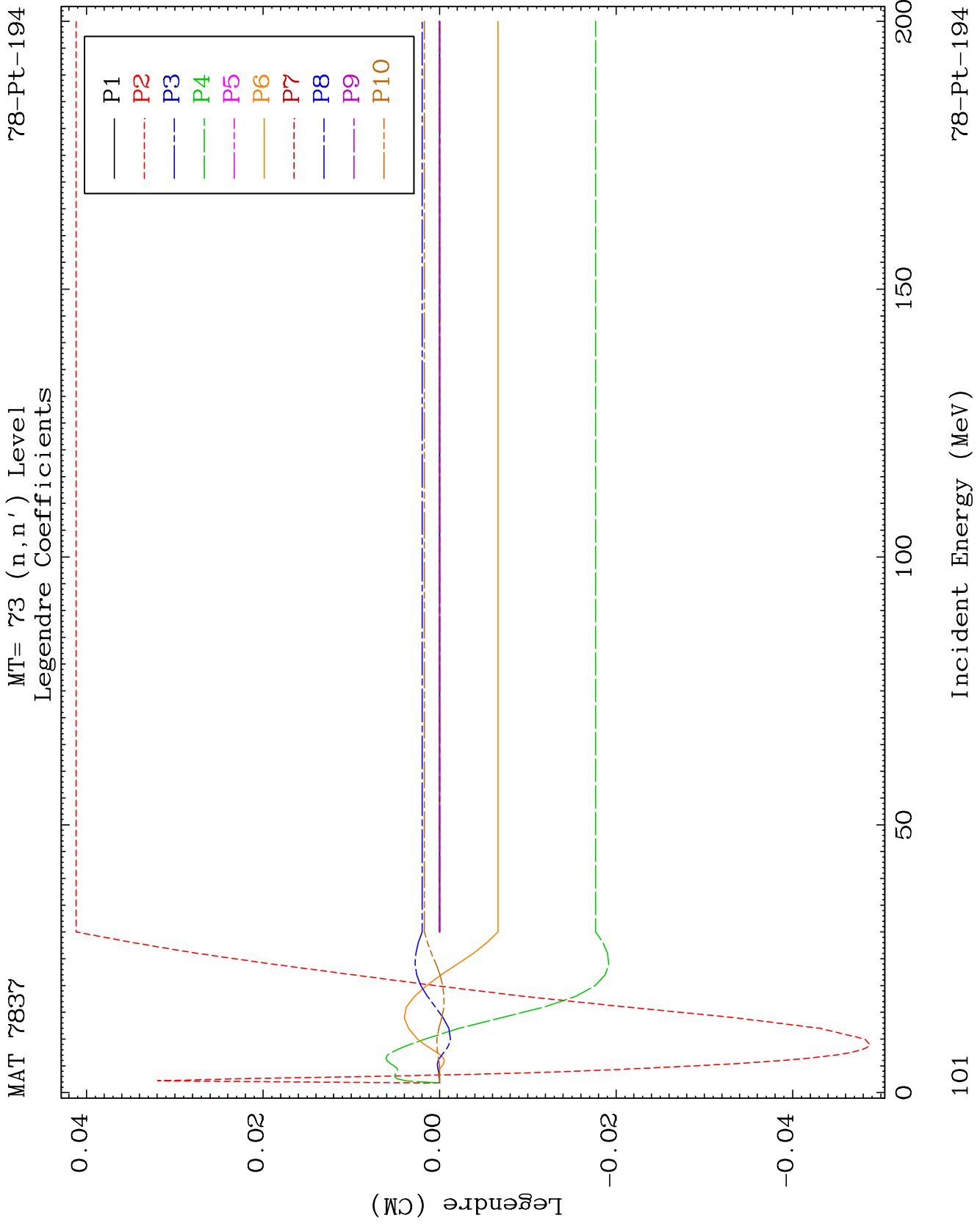
78-Pt-194







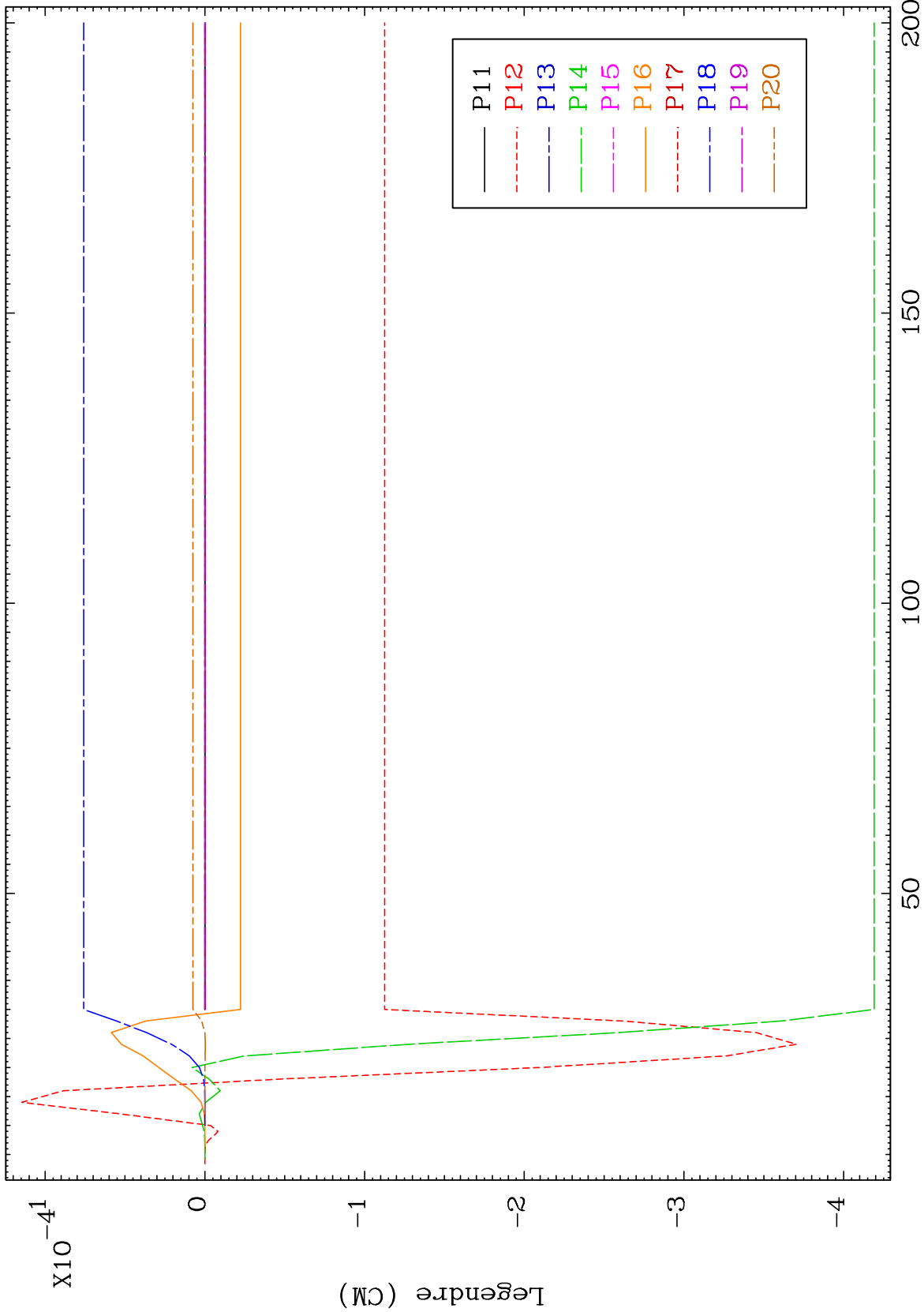




MAT 7837

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

78-Pt-194



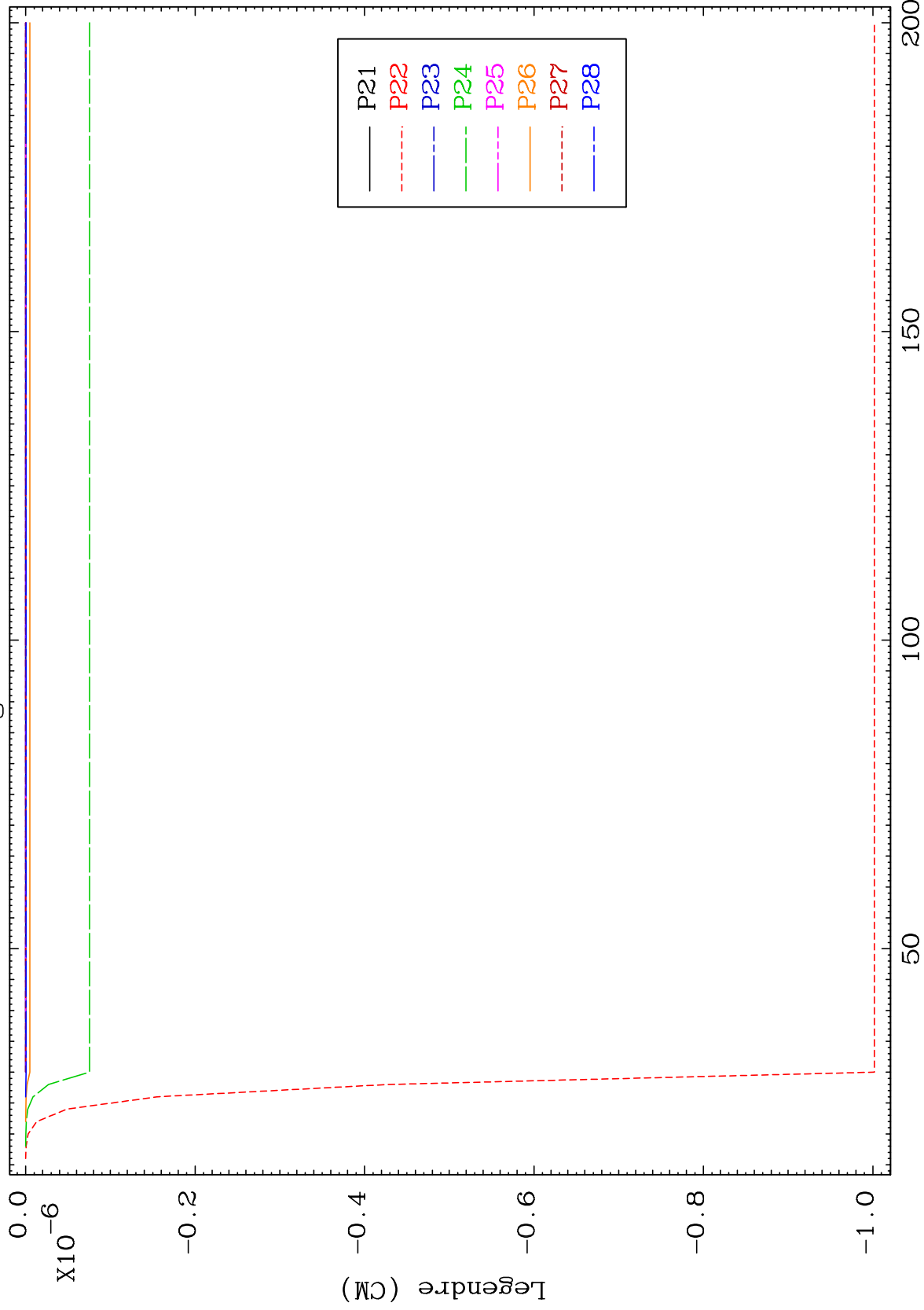
102

78-Pt-194

MAT 7837

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

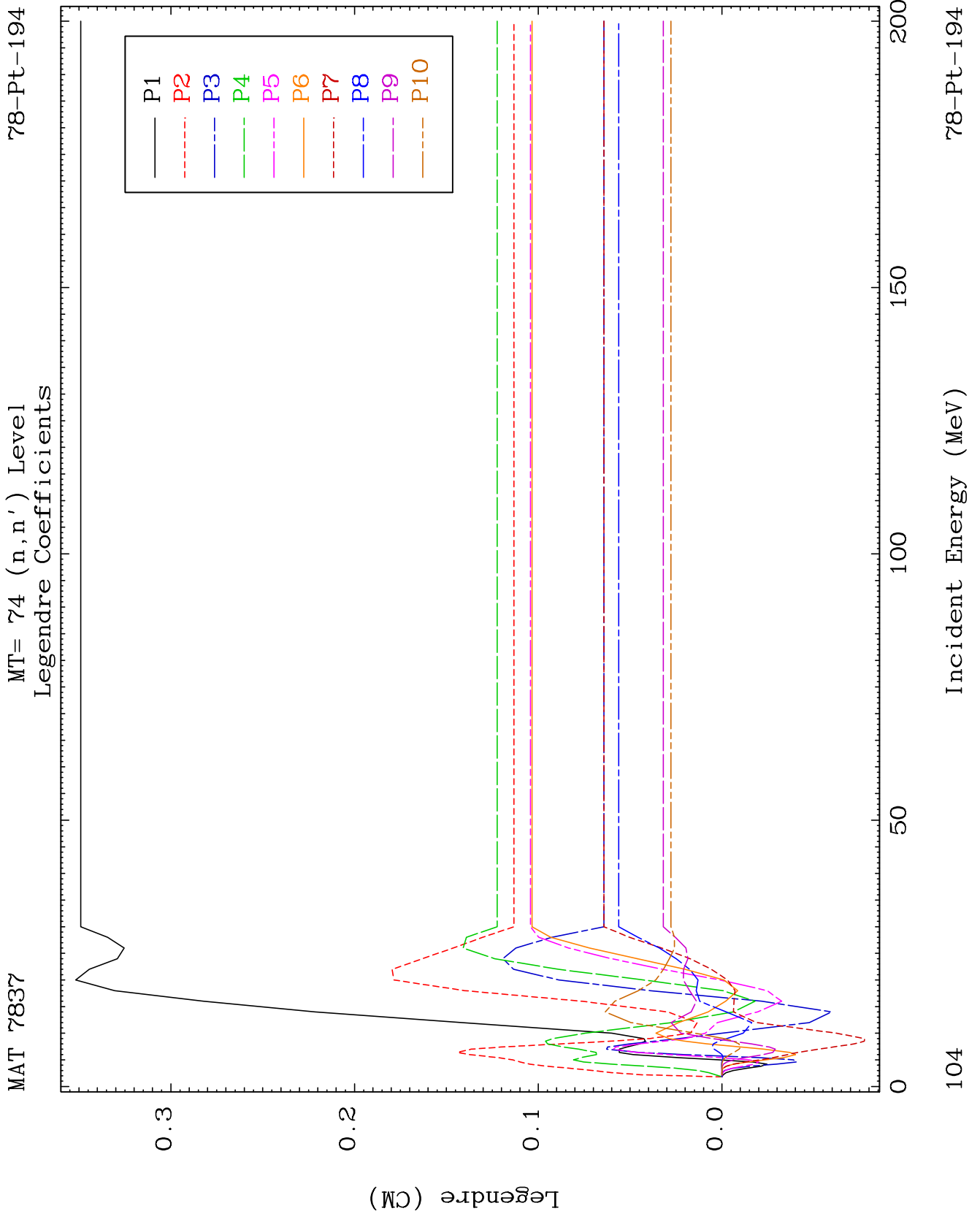
78-Pt-194



103

Incident Energy (MeV)

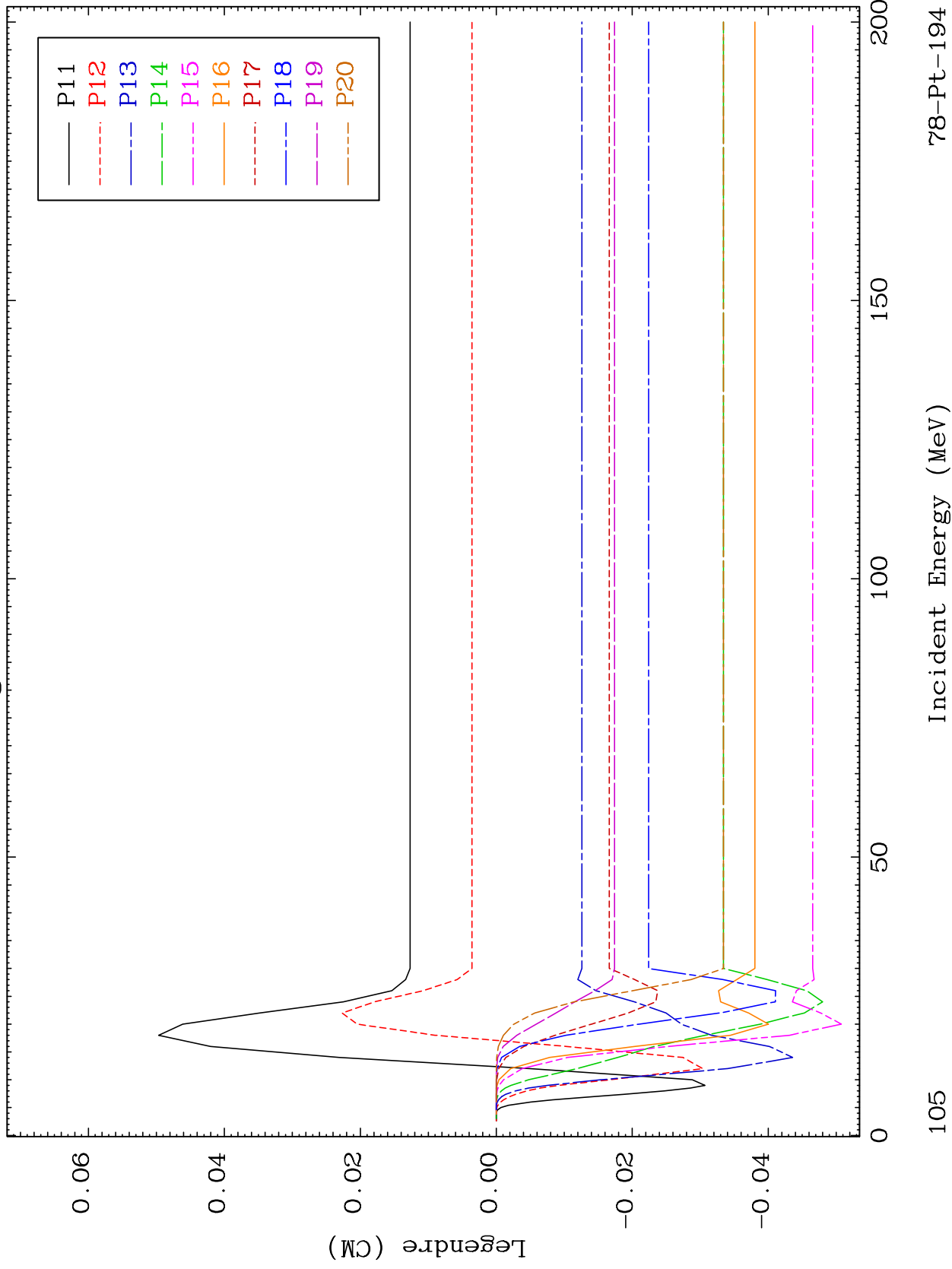
78-Pt-194



MAT 7837

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

78-Pt-194



78-Pt-194

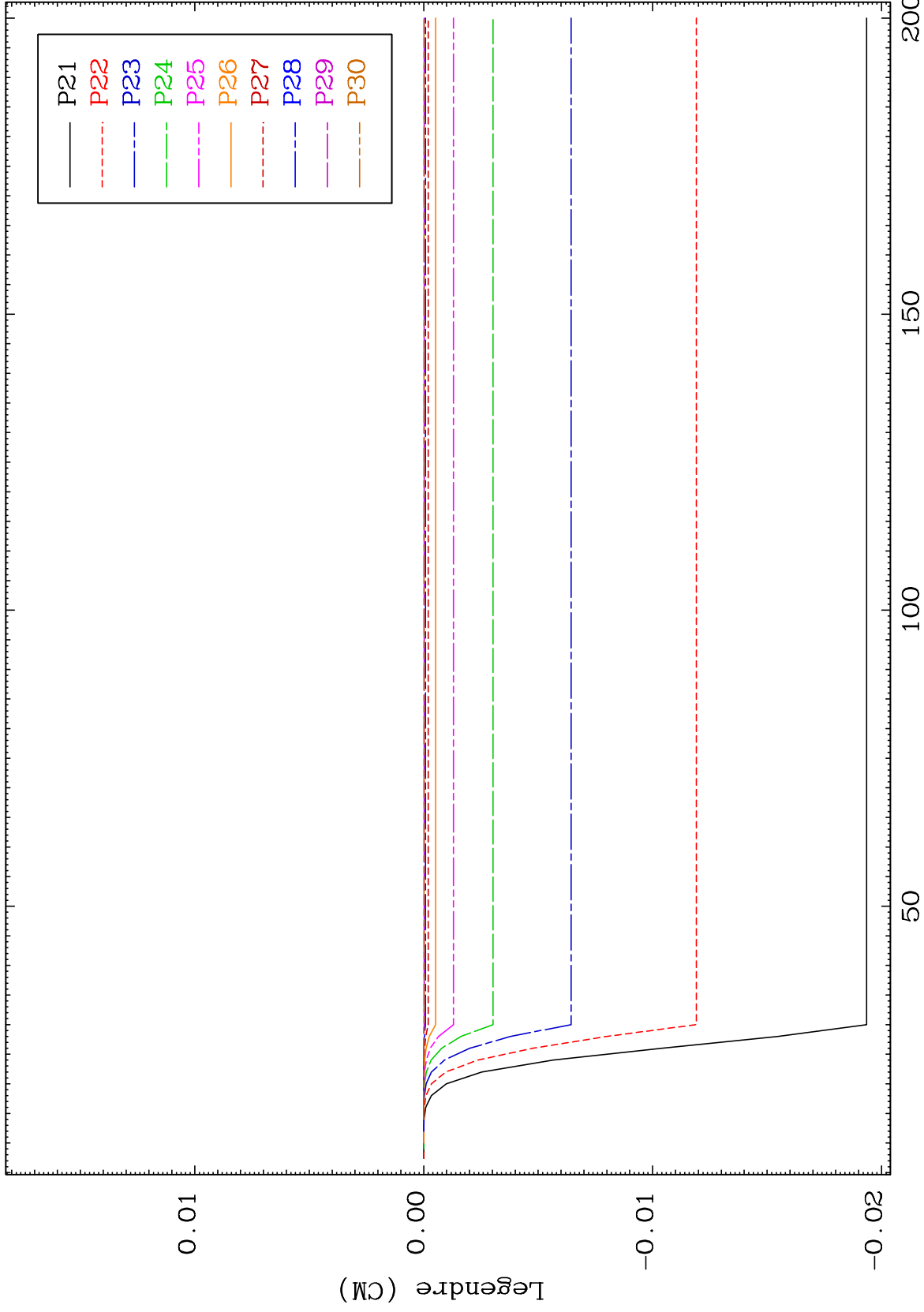
Incident Energy (MeV)

105

MAT 7837

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

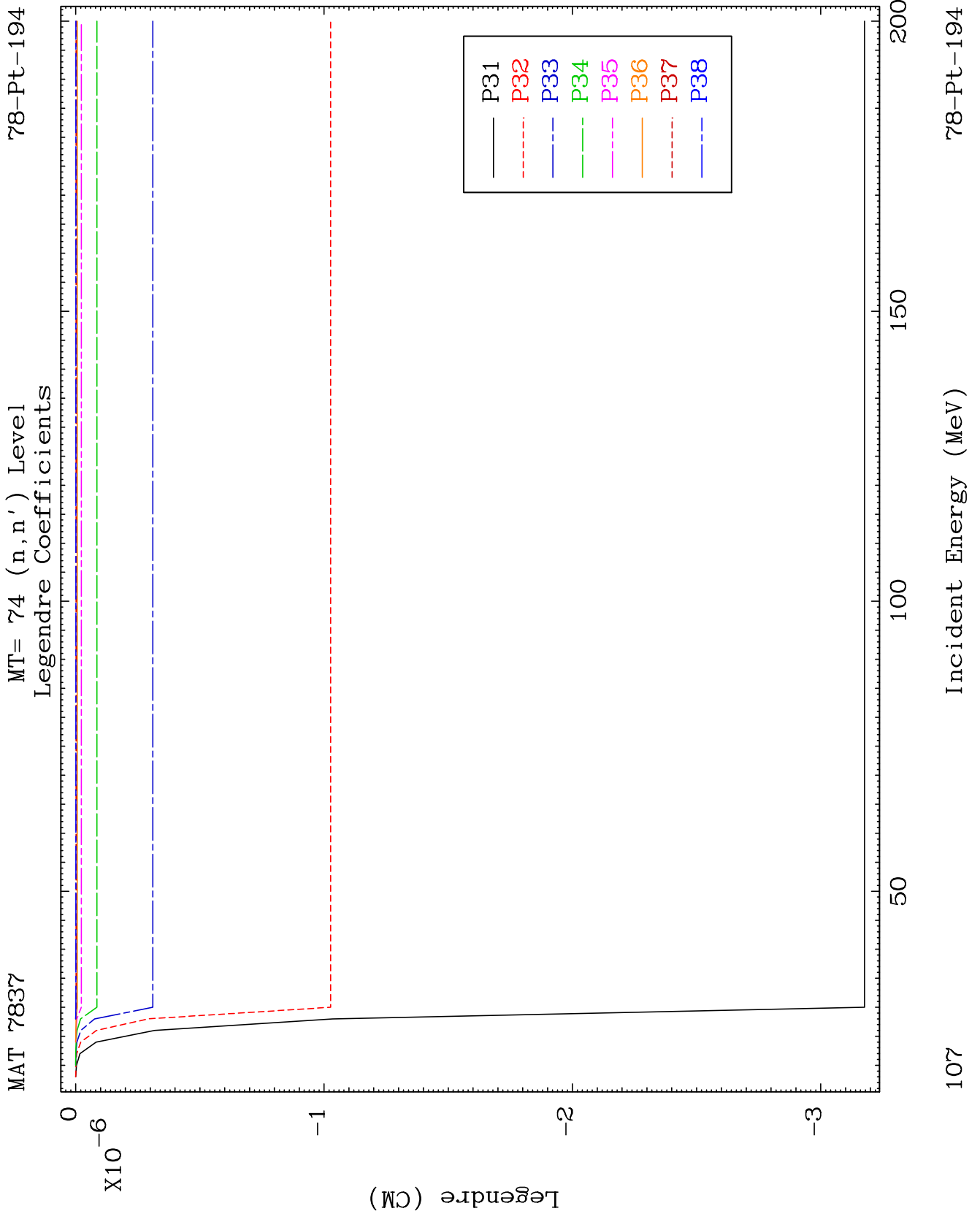
78-Pt-194



106

Incident Energy (MeV)

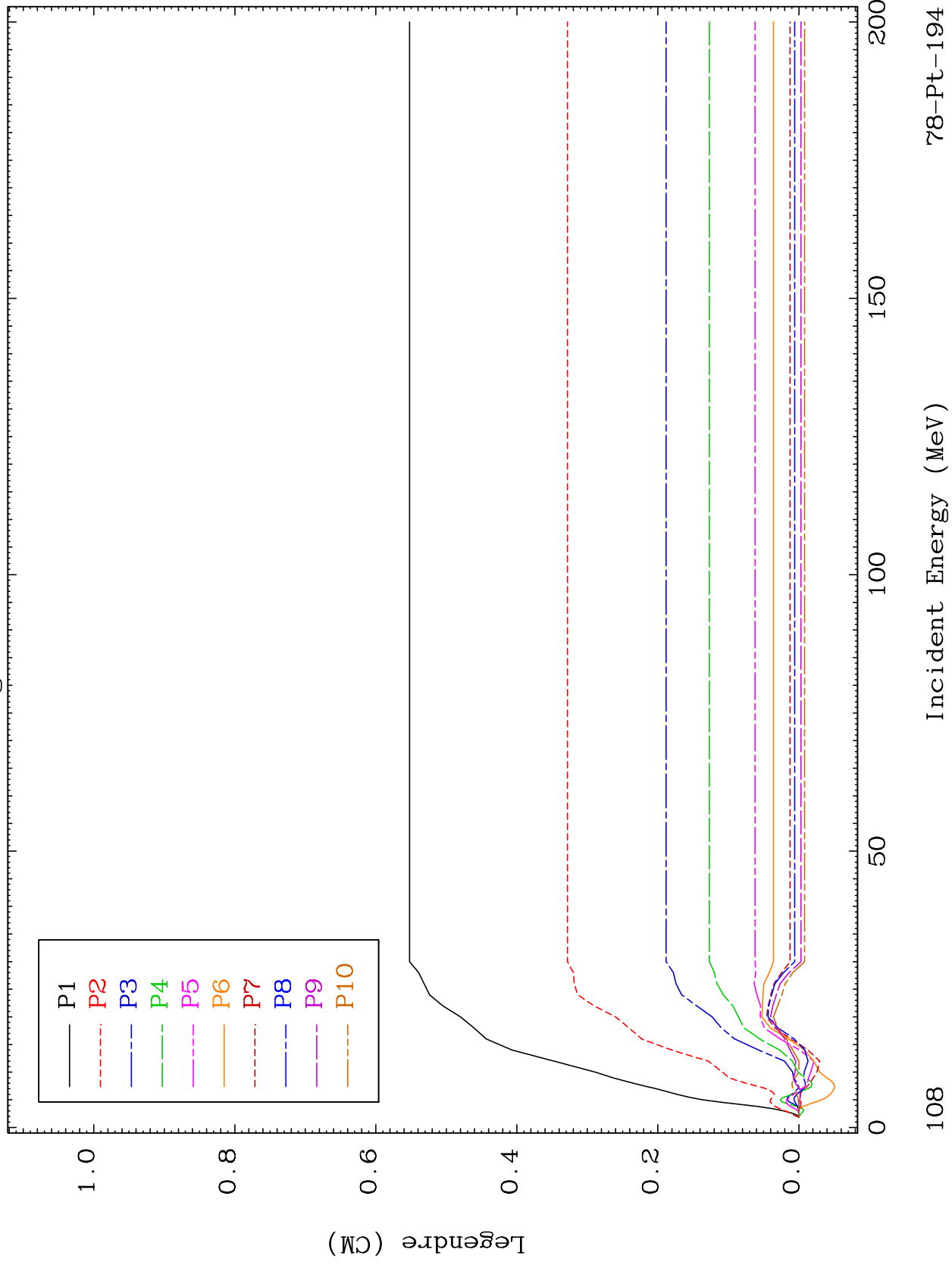
78-Pt-194



MAT 7837

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

78-Pt-194



78-Pt-194

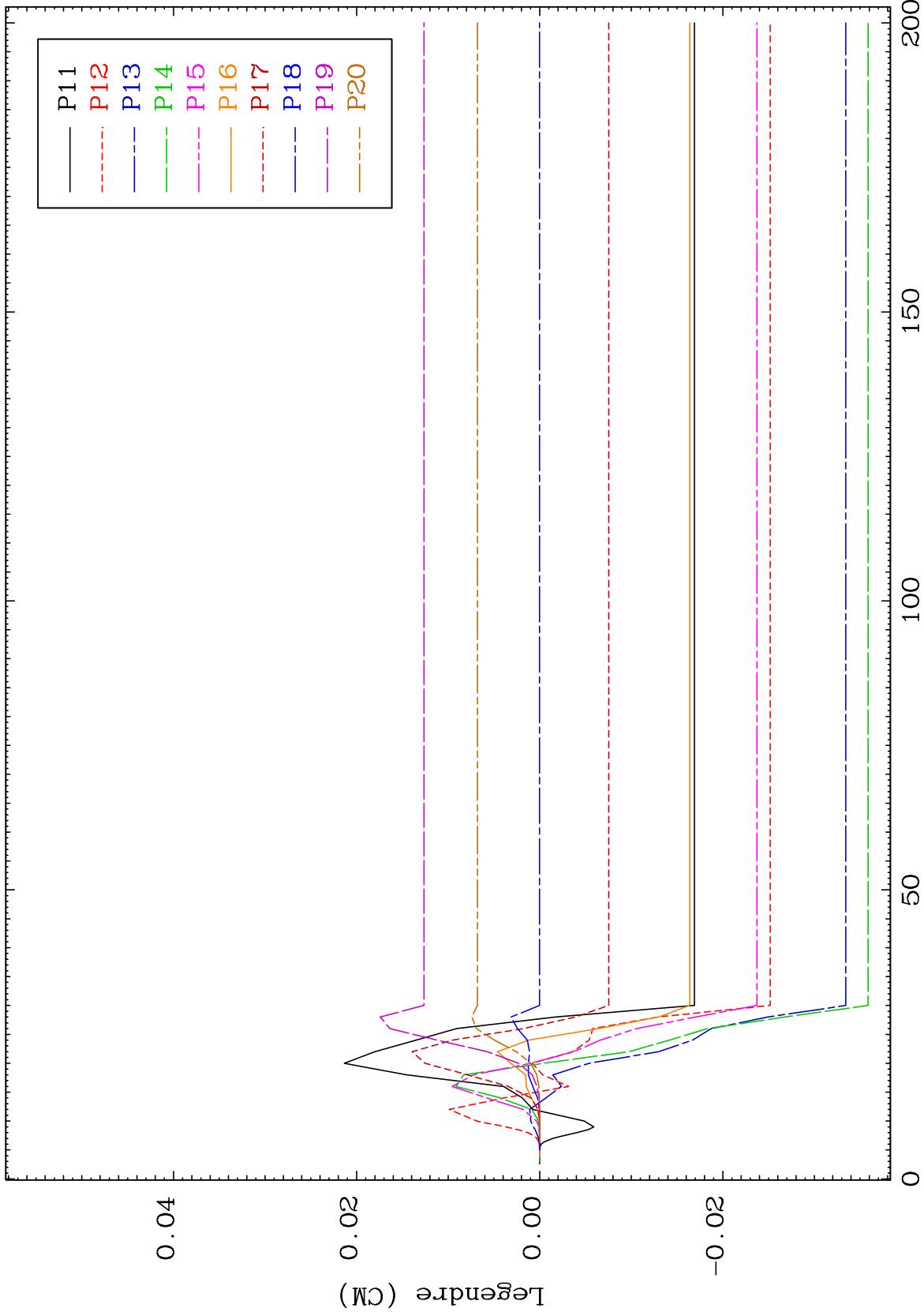
Incident Energy (MeV)

108

MAT 7837

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

78-Pt-194



109

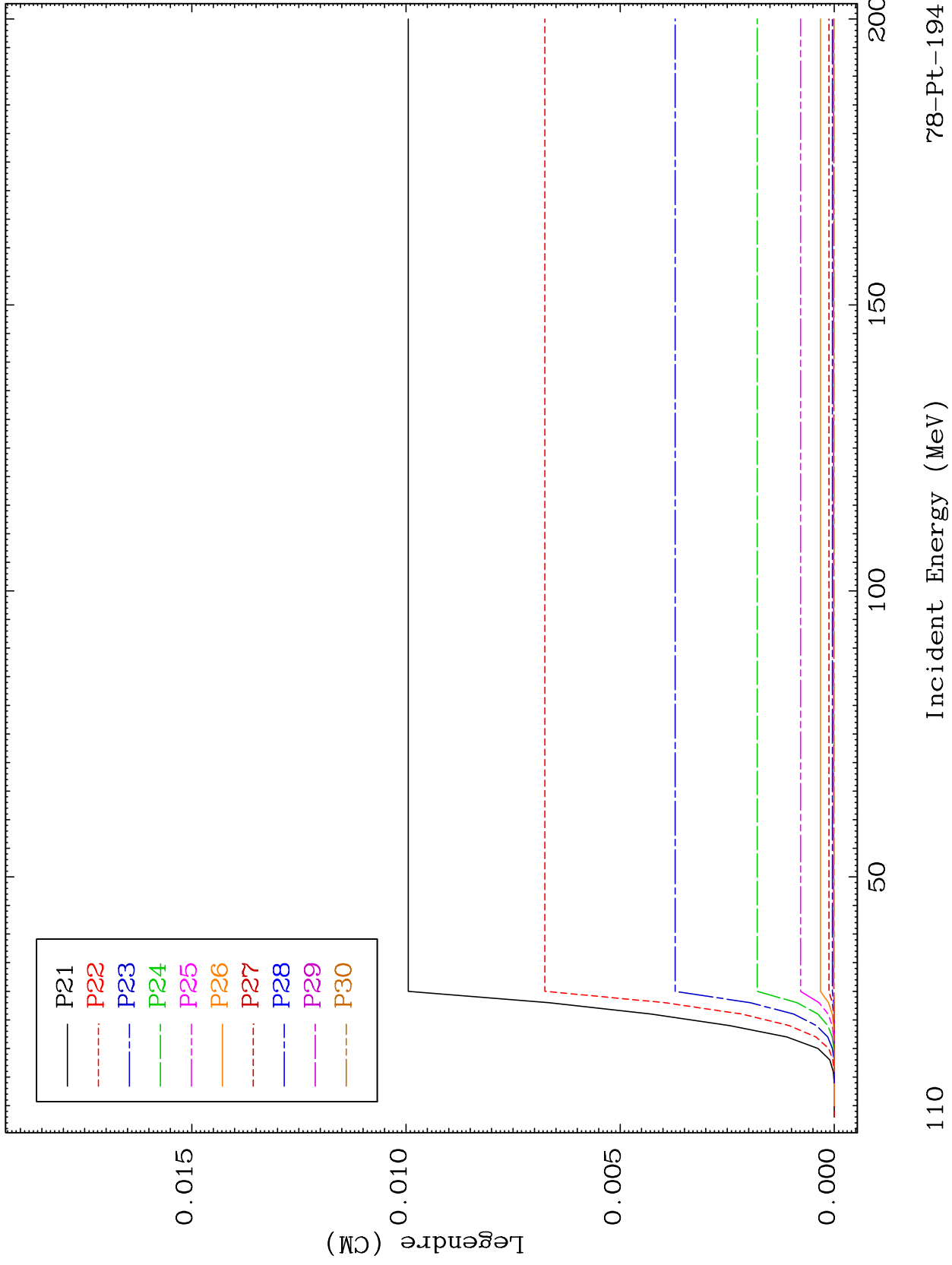
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194



110

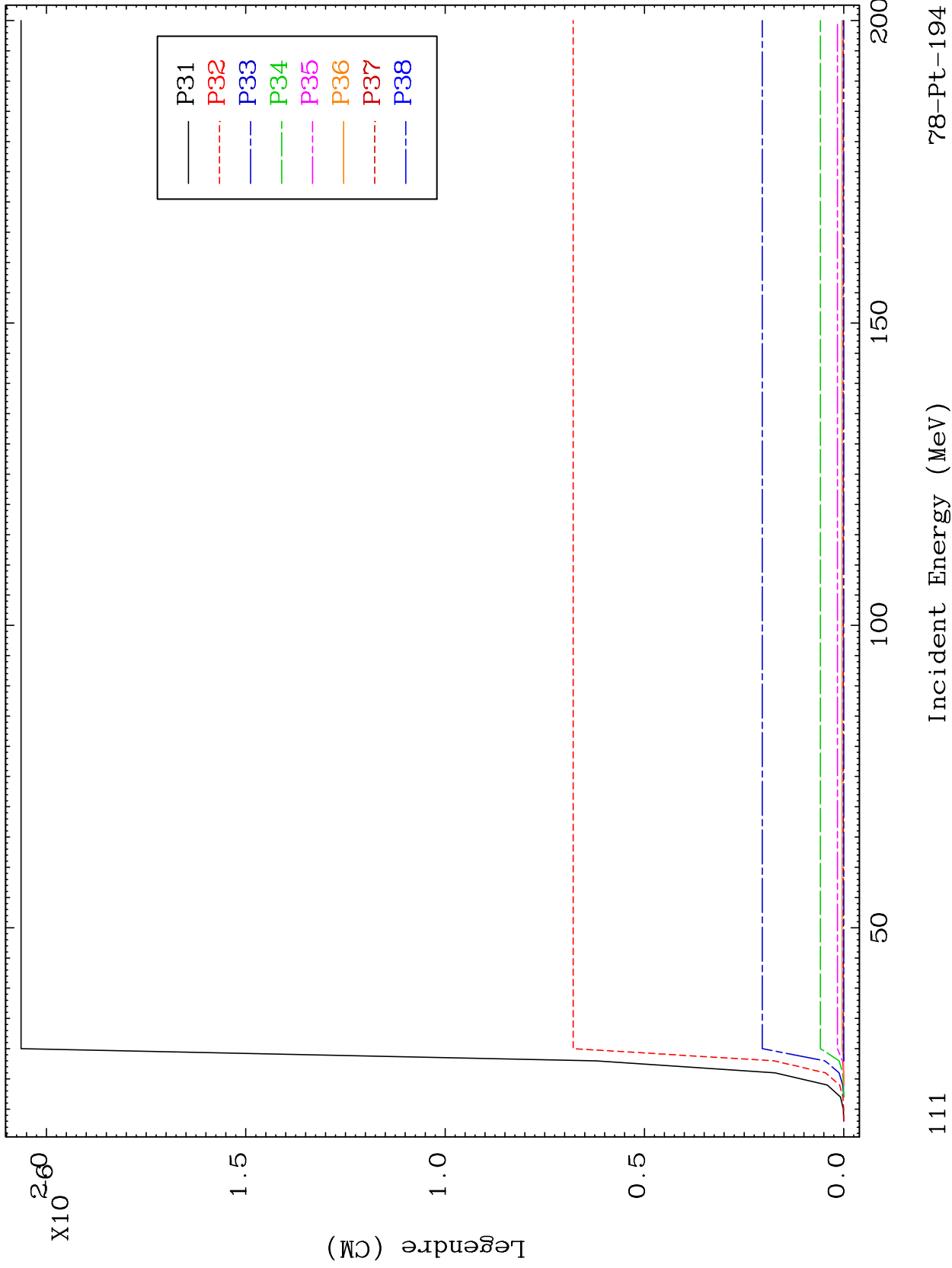
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194



111

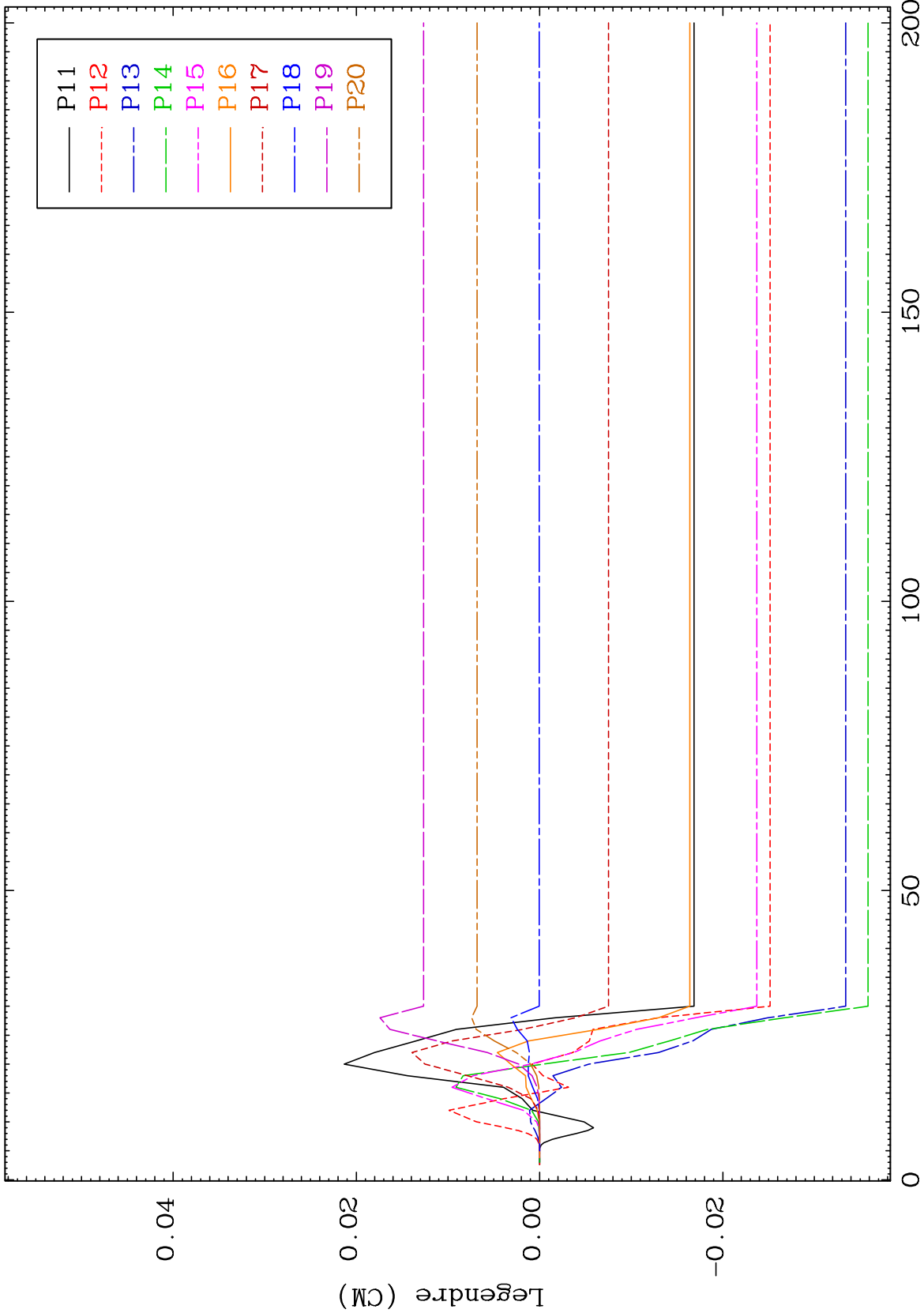
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194



113

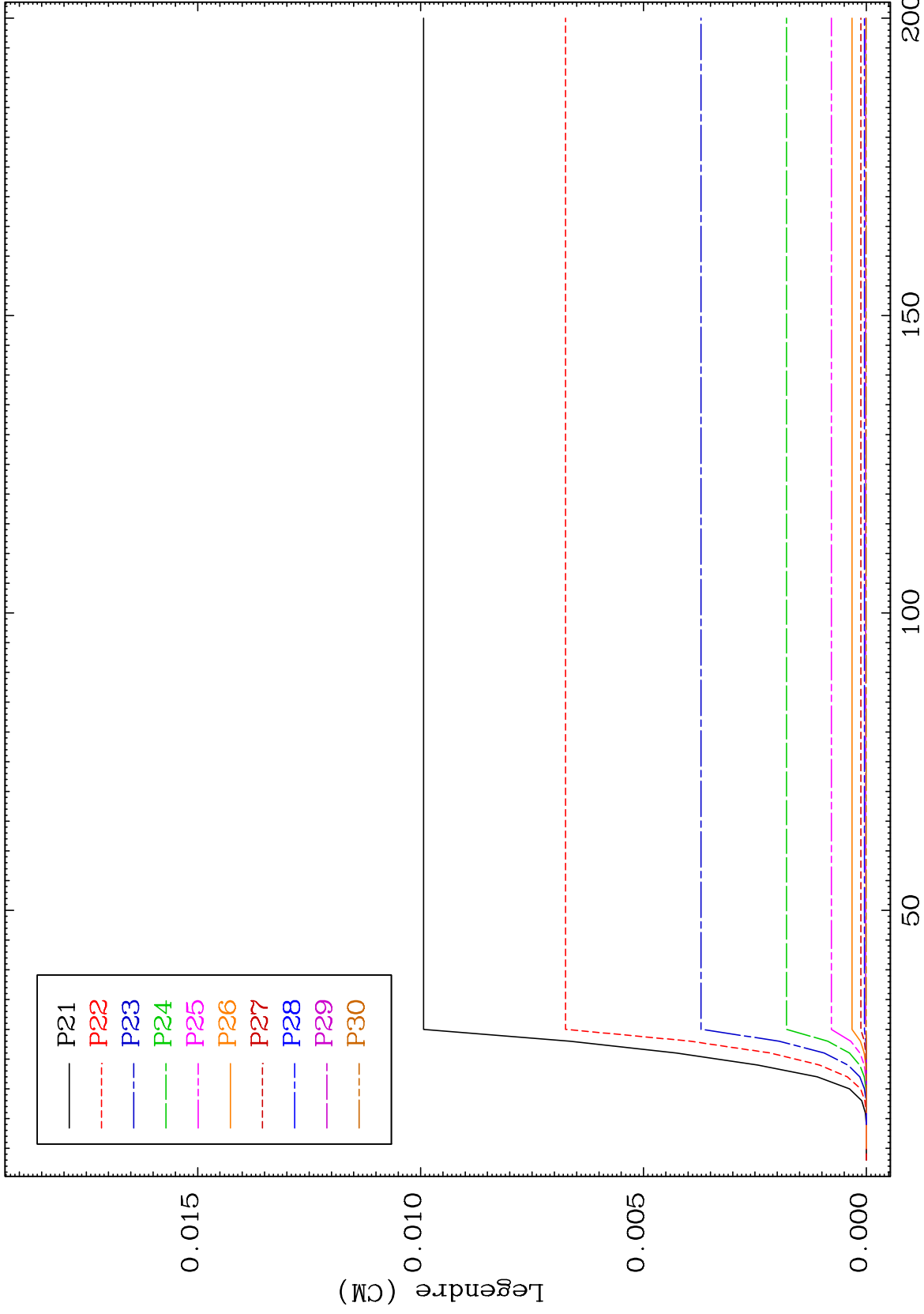
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

78-Pt-194



114

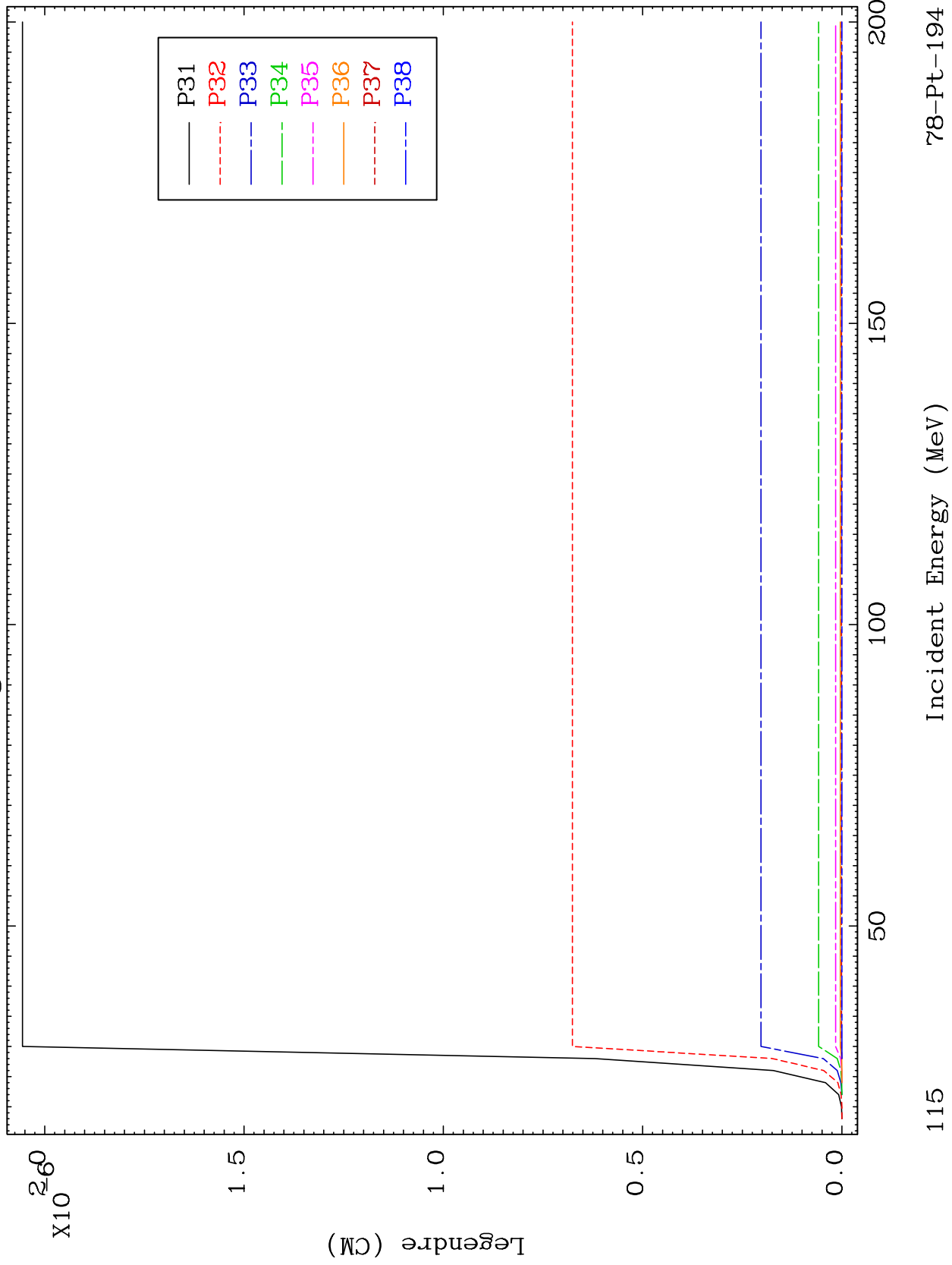
Incident Energy (MeV)

78-Pt-194

MAT 7837

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

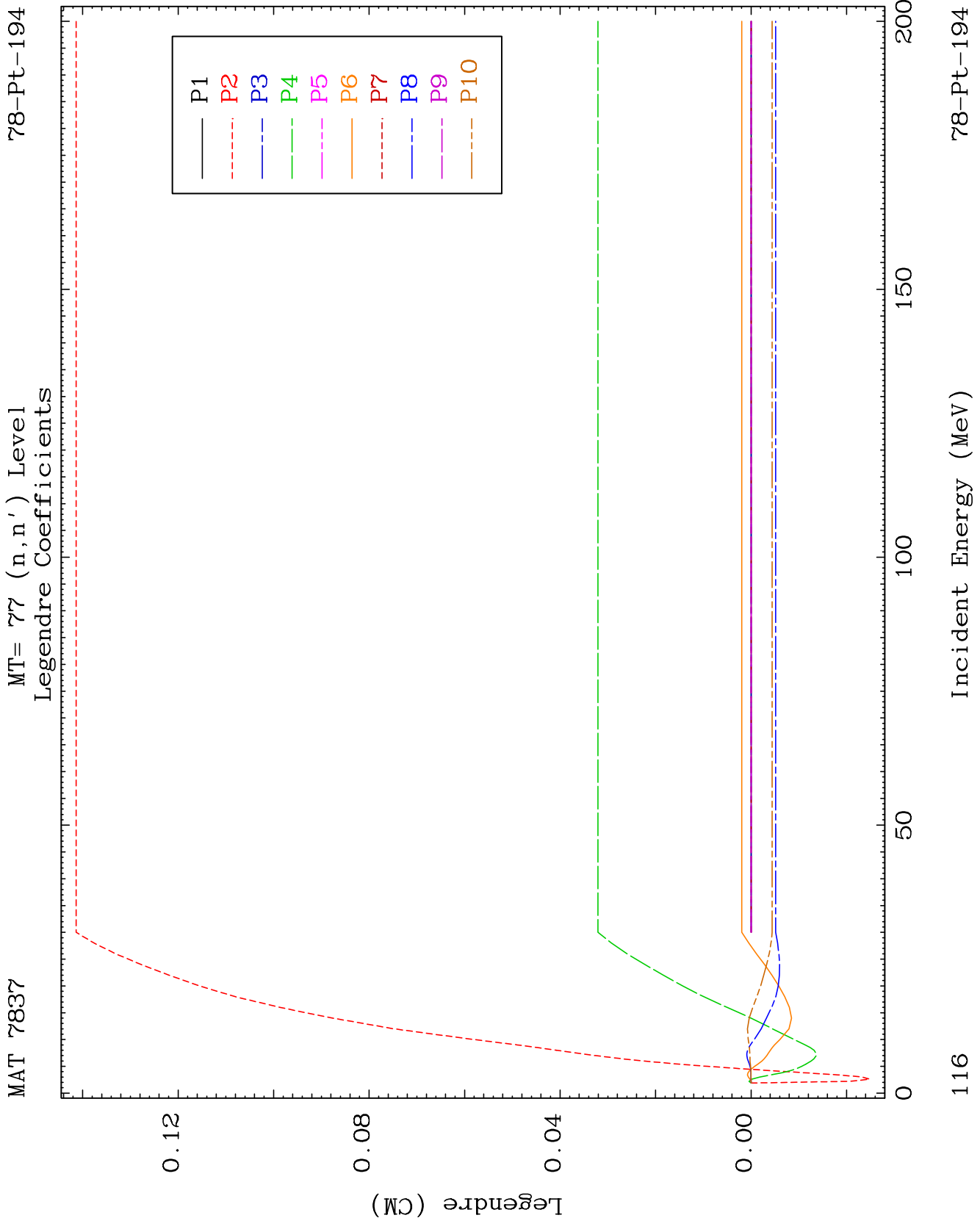
78-Pt-194



115

Incident Energy (MeV)

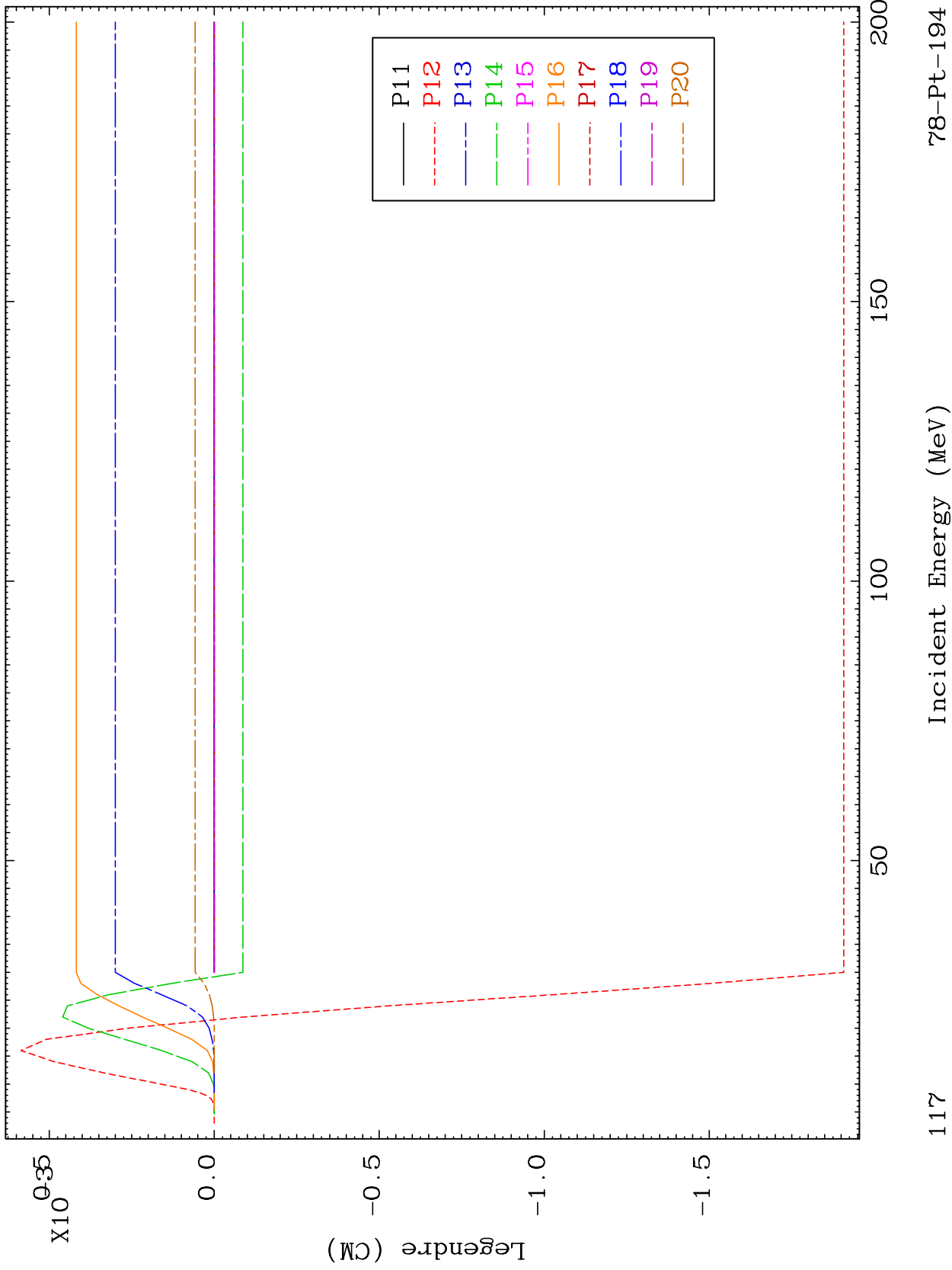
78-Pt-194



MAT 7837

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

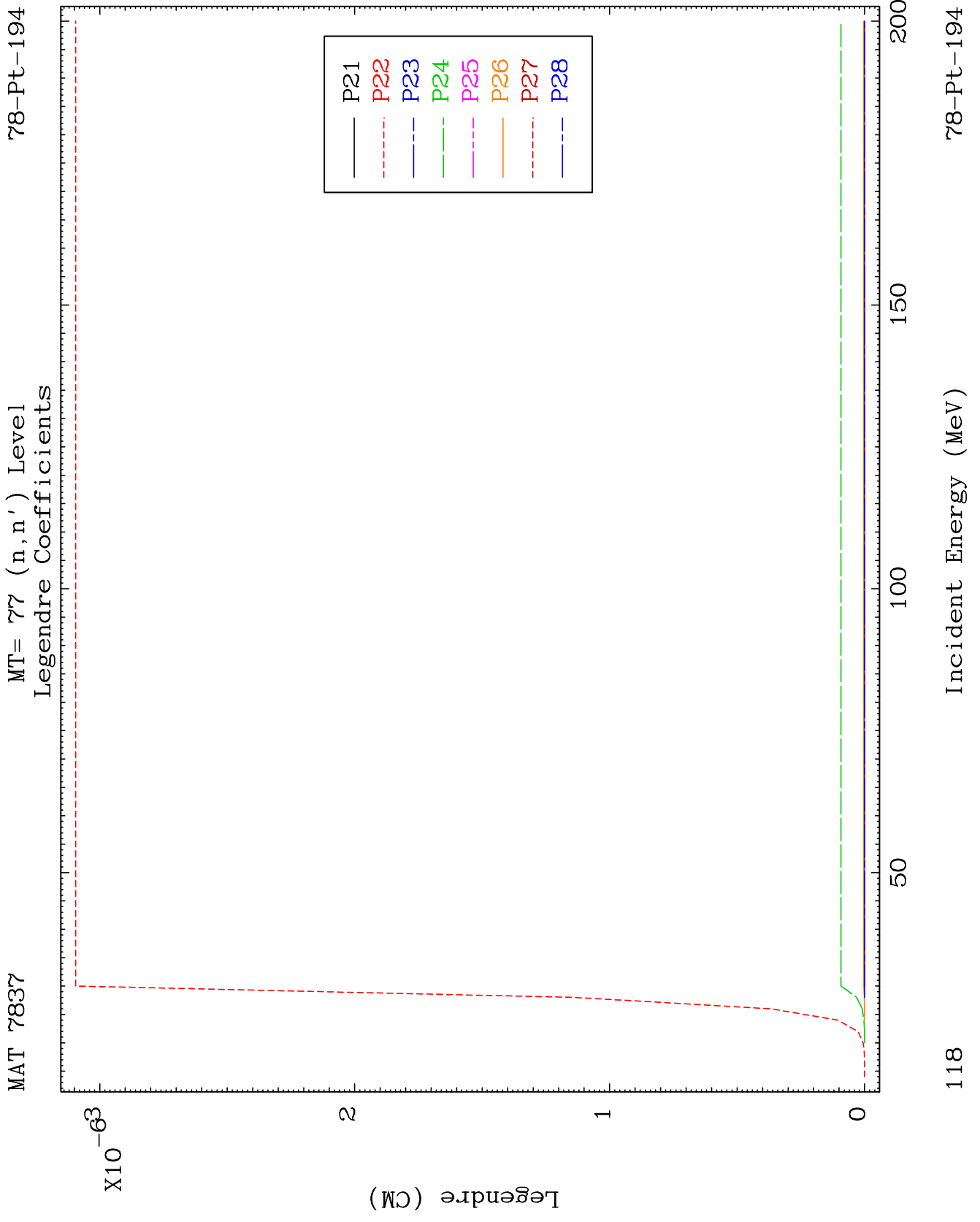
78-Pt-194

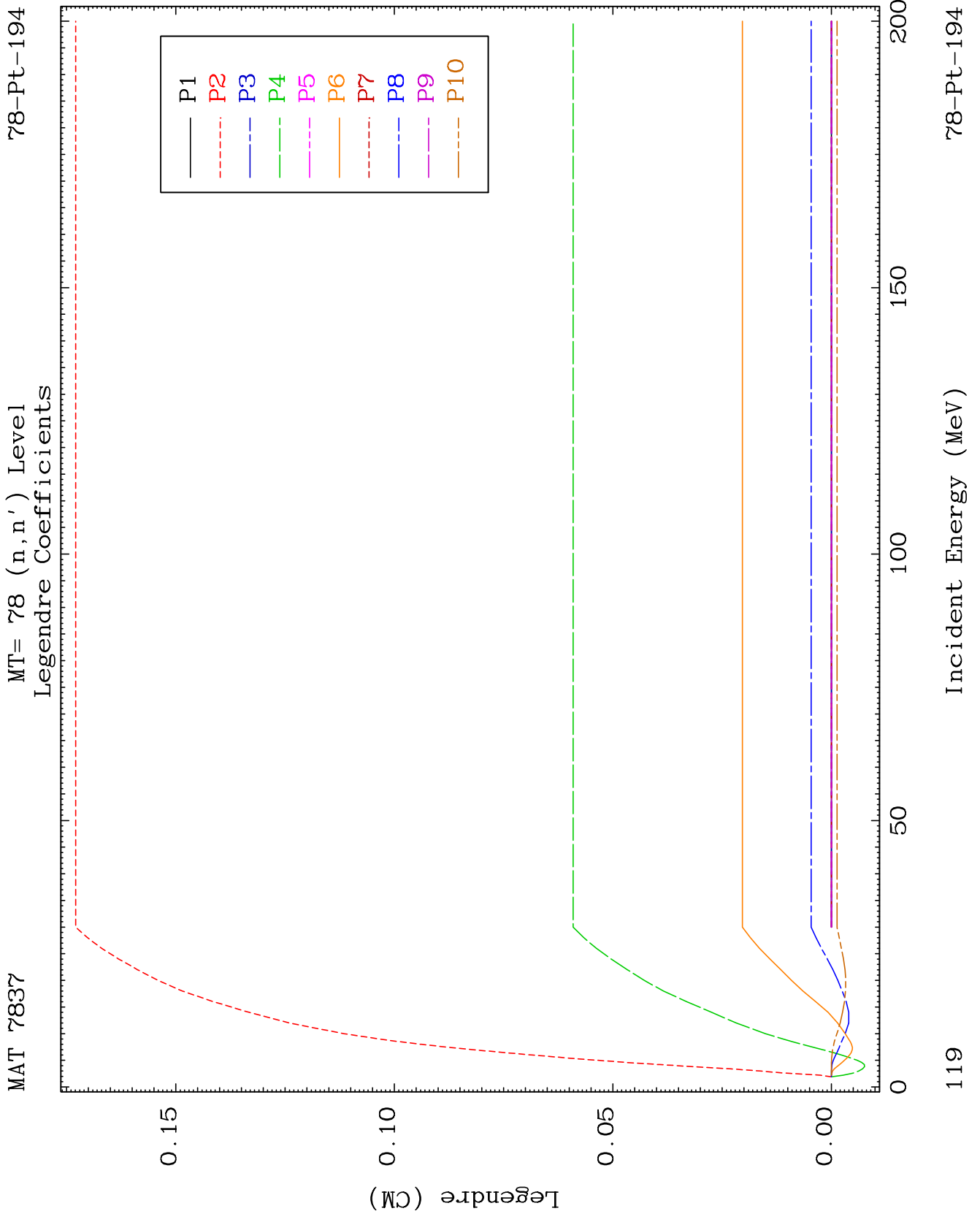


117

Incident Energy (MeV)

78-Pt-194

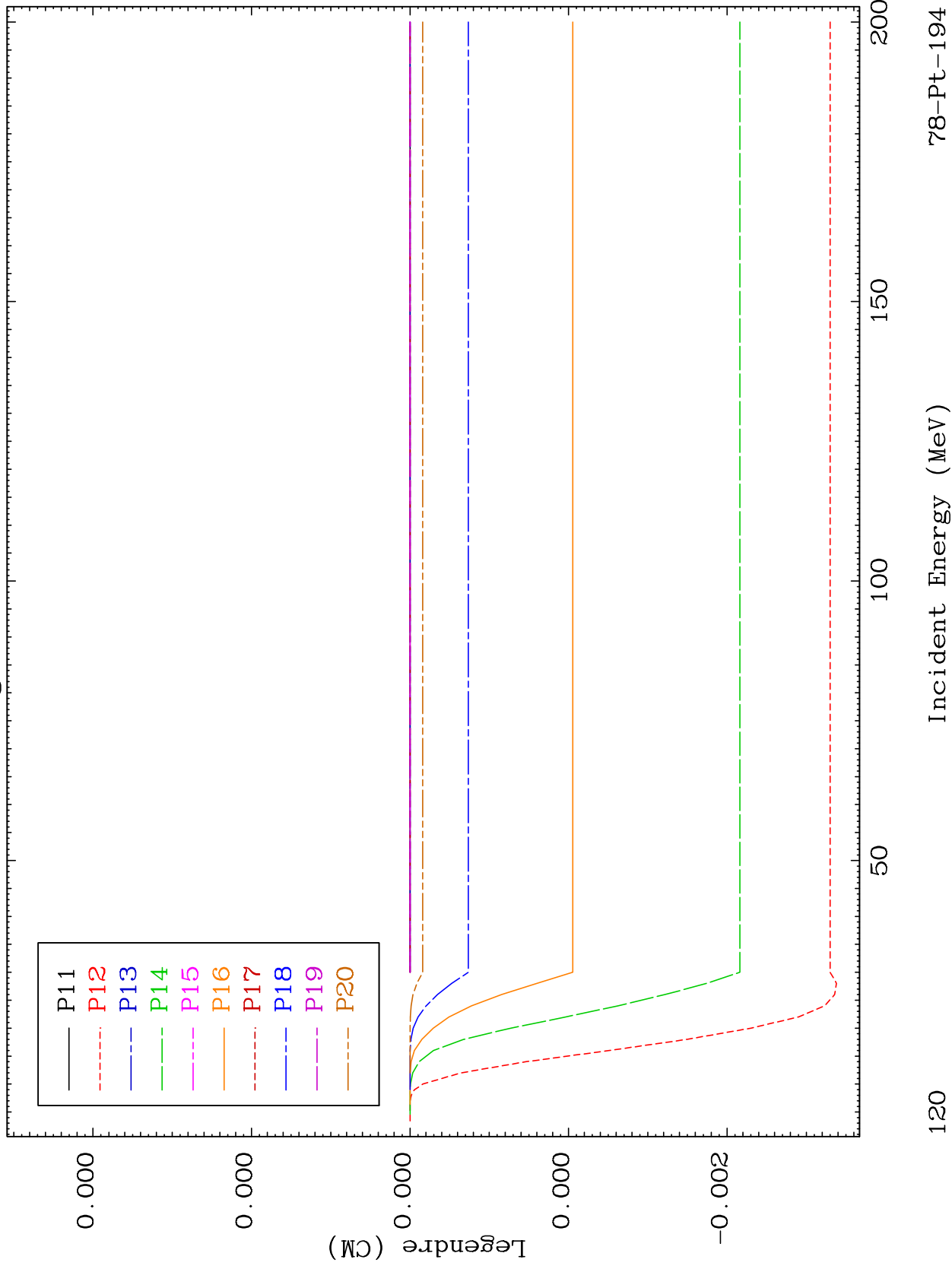




MAT 7837

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

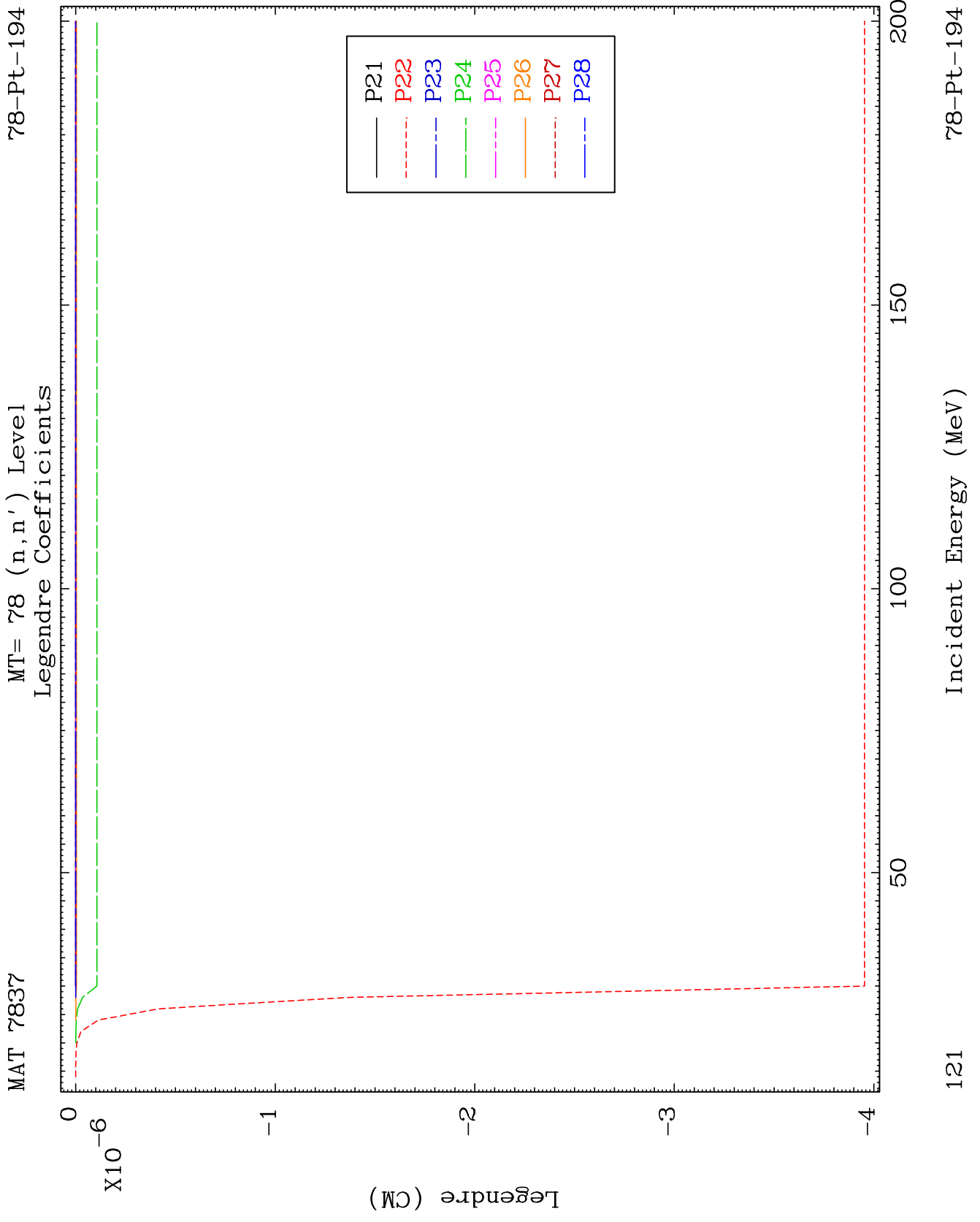
78-Pt-194



120

Incident Energy (MeV)

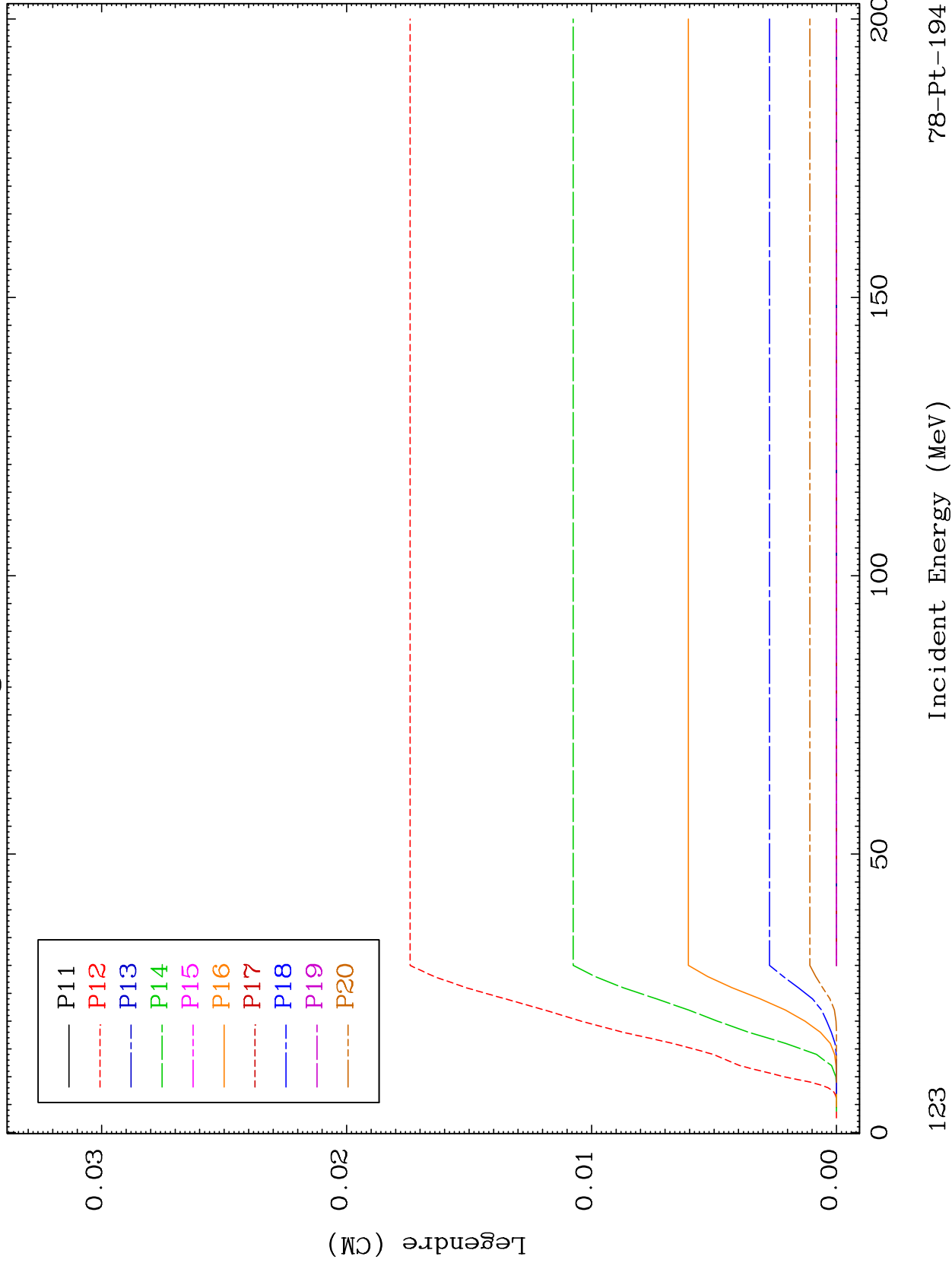
78-Pt-194



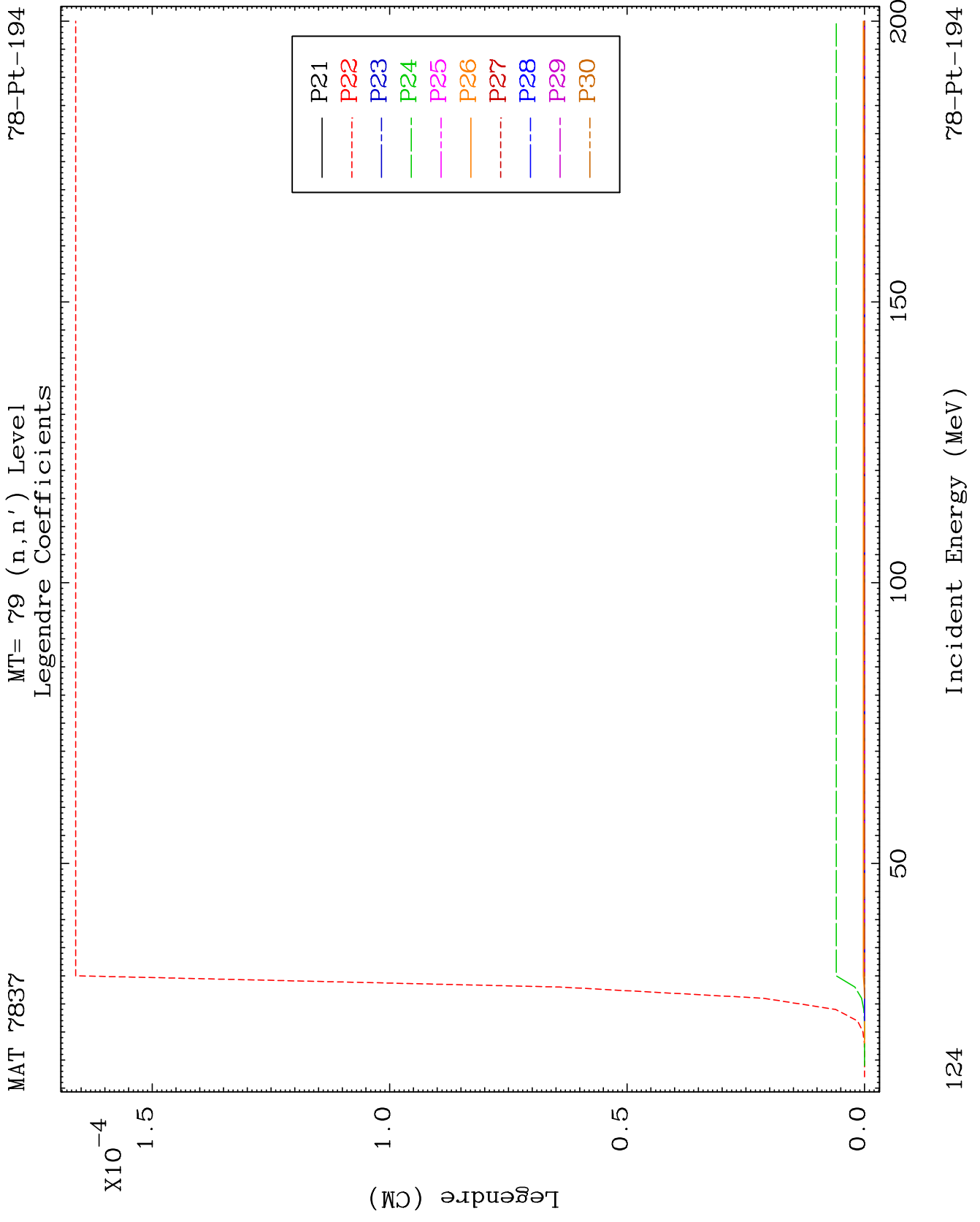
MAT 7837

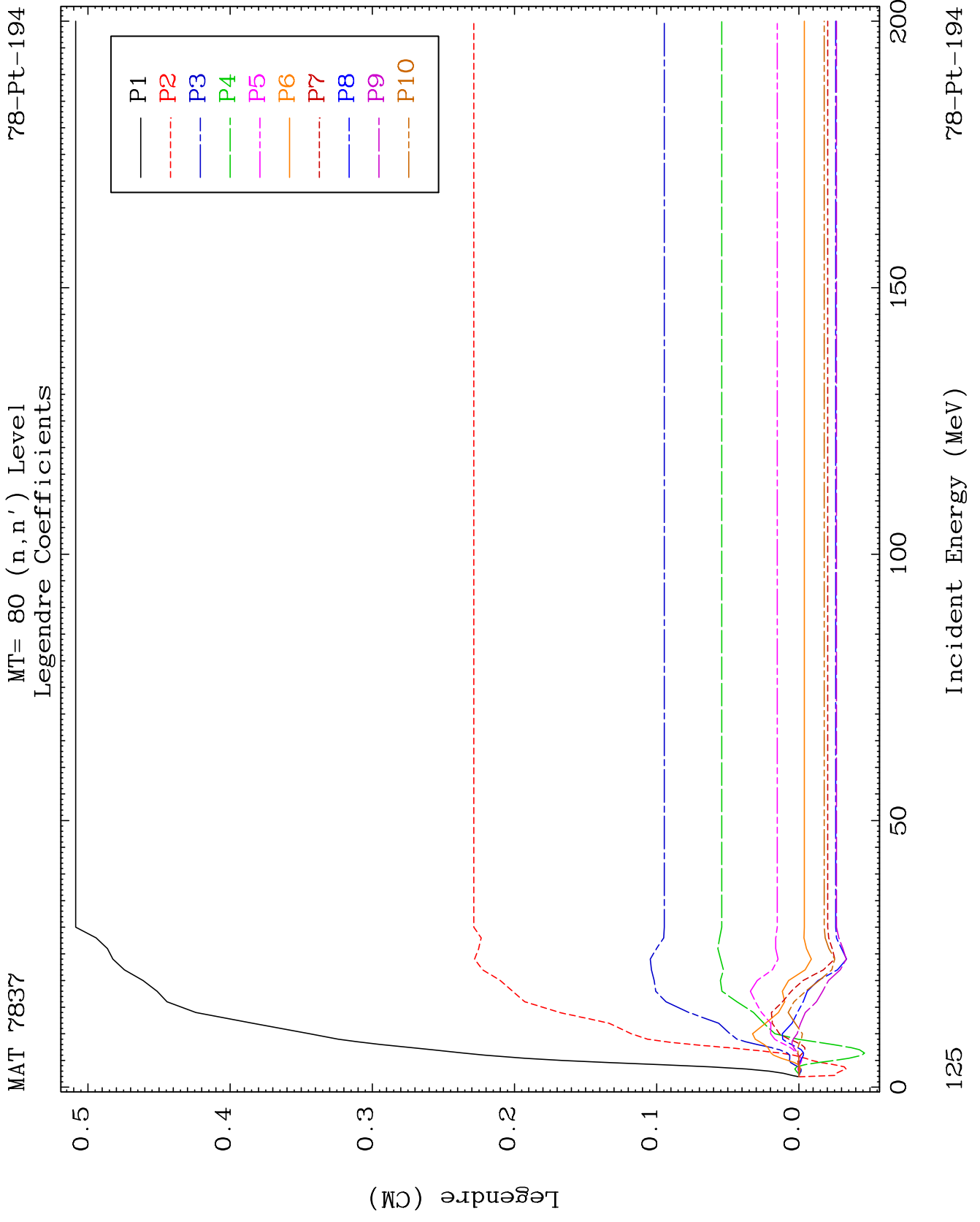
MT= 79 (n,n') Level
Legendre Coefficients

78-Pt-194



123

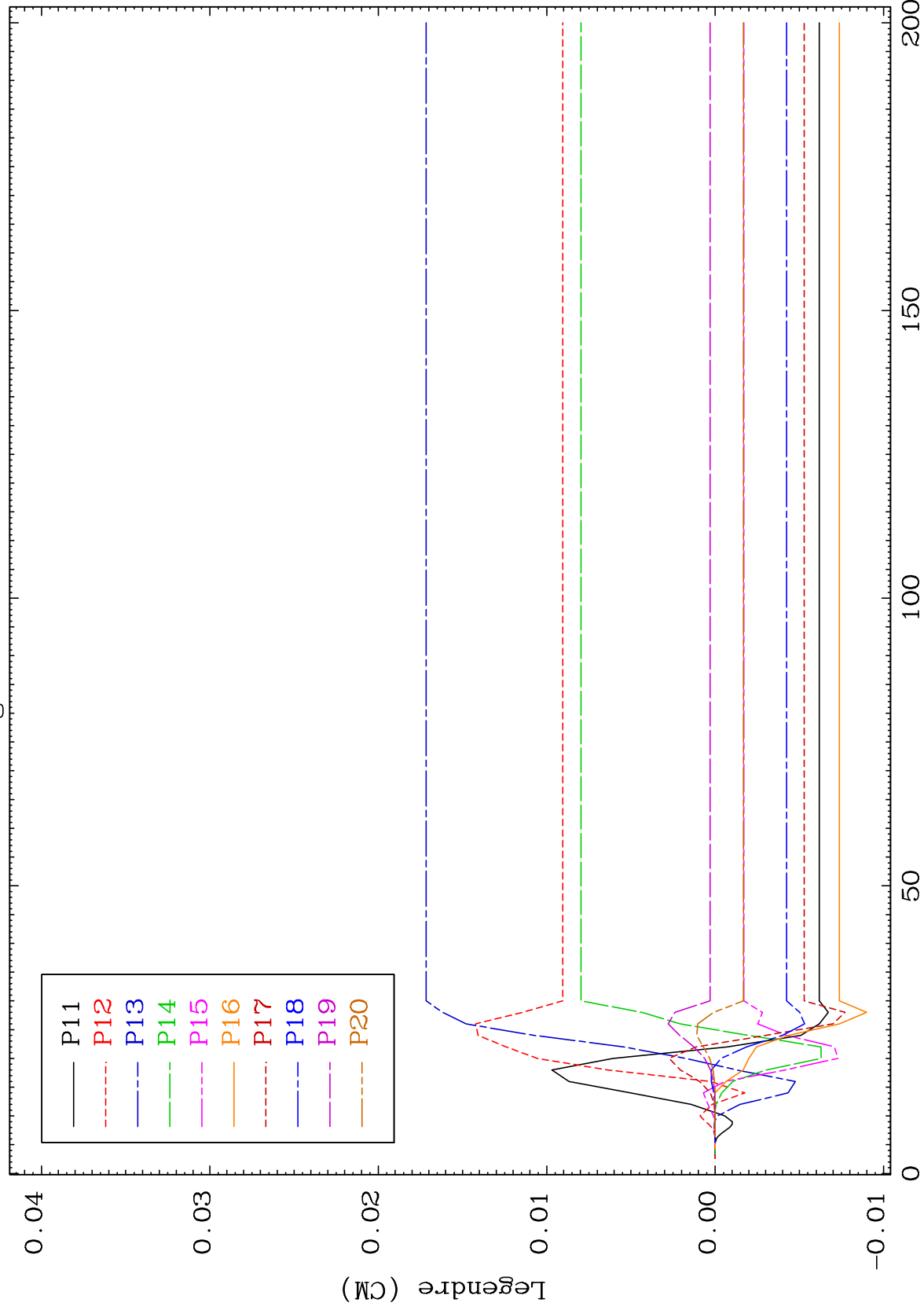




MAT 7837

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

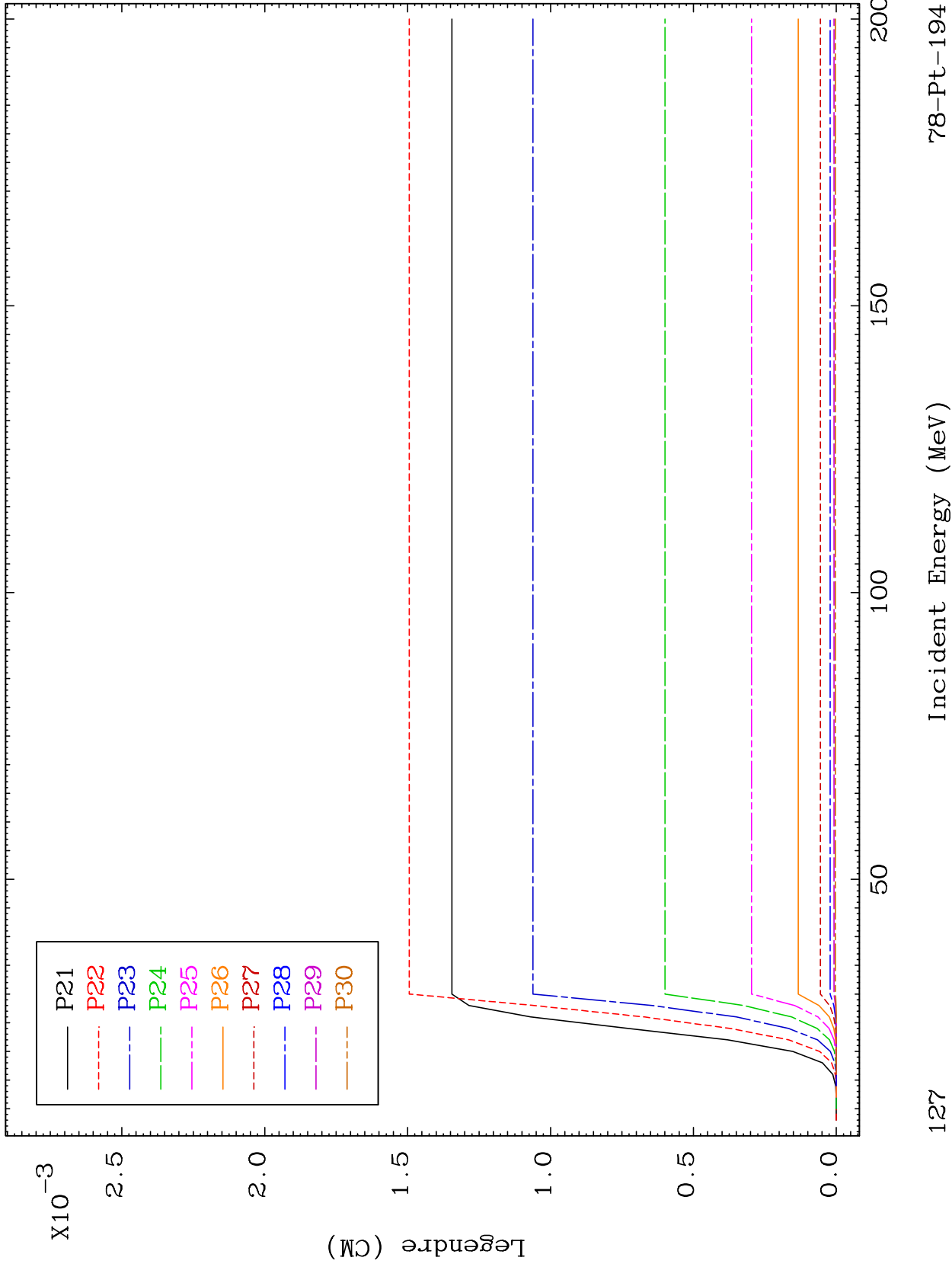
78-Pt-194



126

Incident Energy (MeV)

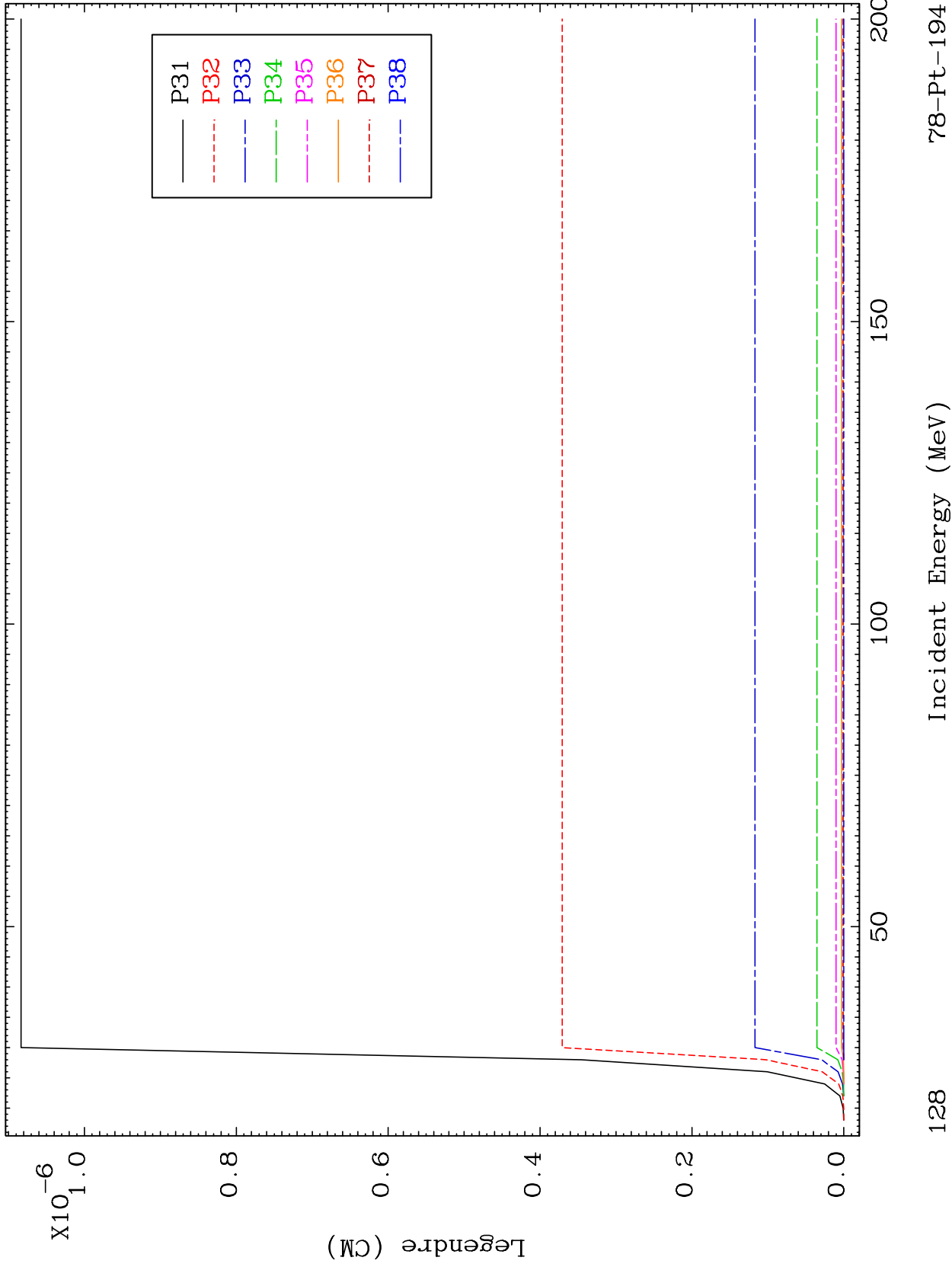
78-Pt-194



MAT 7837

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

78-Pt-194

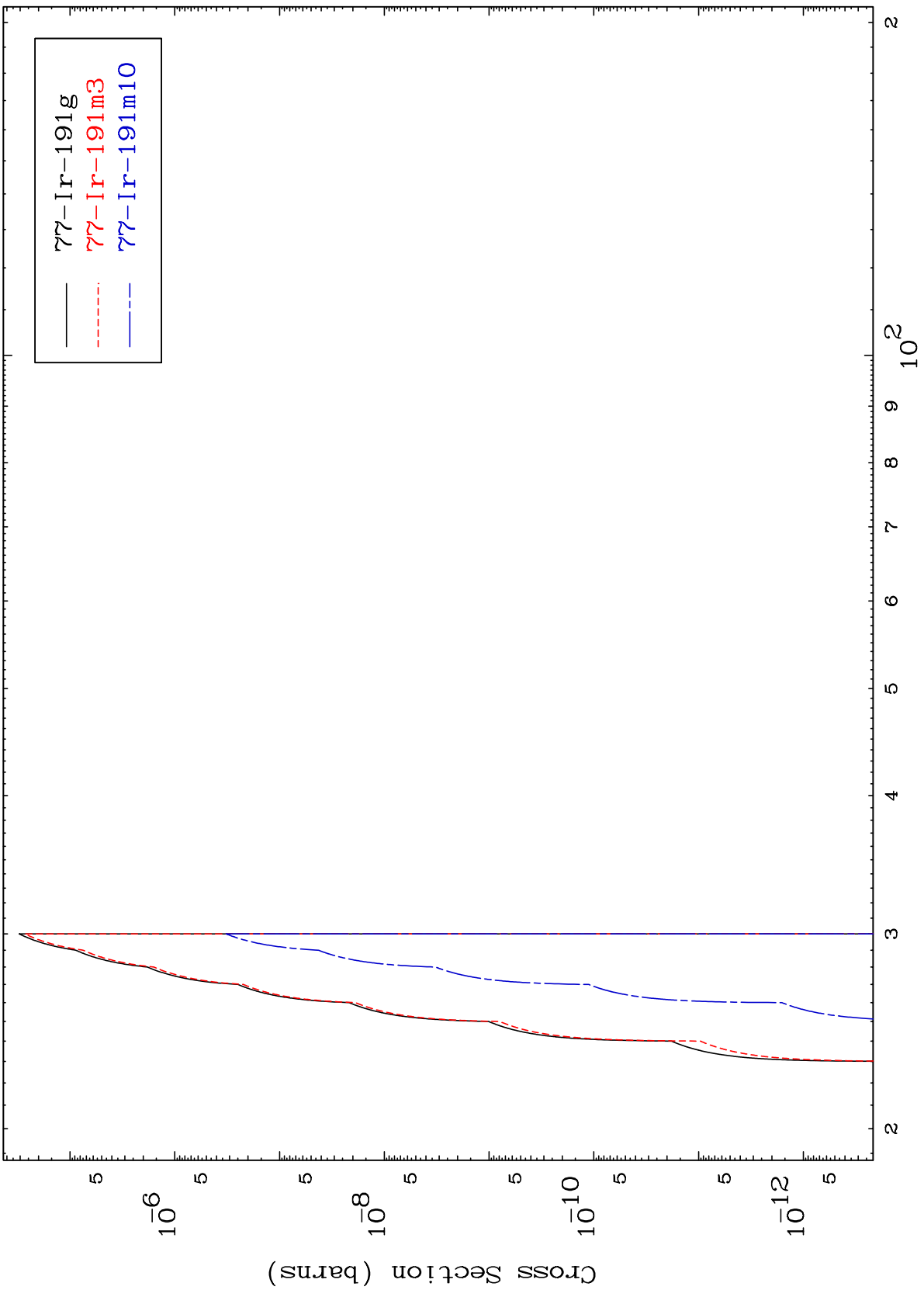


128

Incident Energy (MeV)

78-Pt-194

Radionuclide Production Cross Section

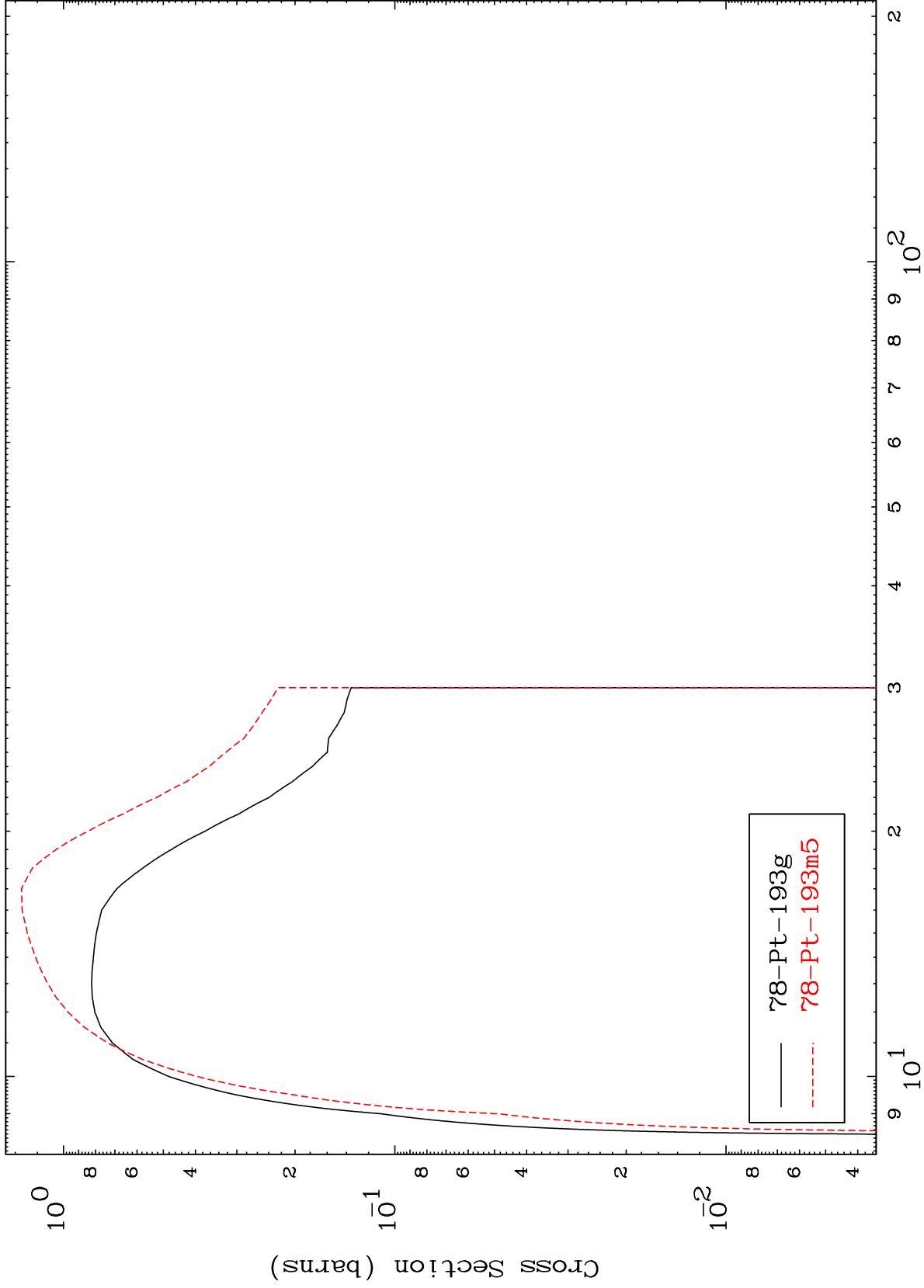


MAT 7837

(n,2n)

78-Pt-194

Radionuclide Production Cross Section



130

Incident Energy (MeV)

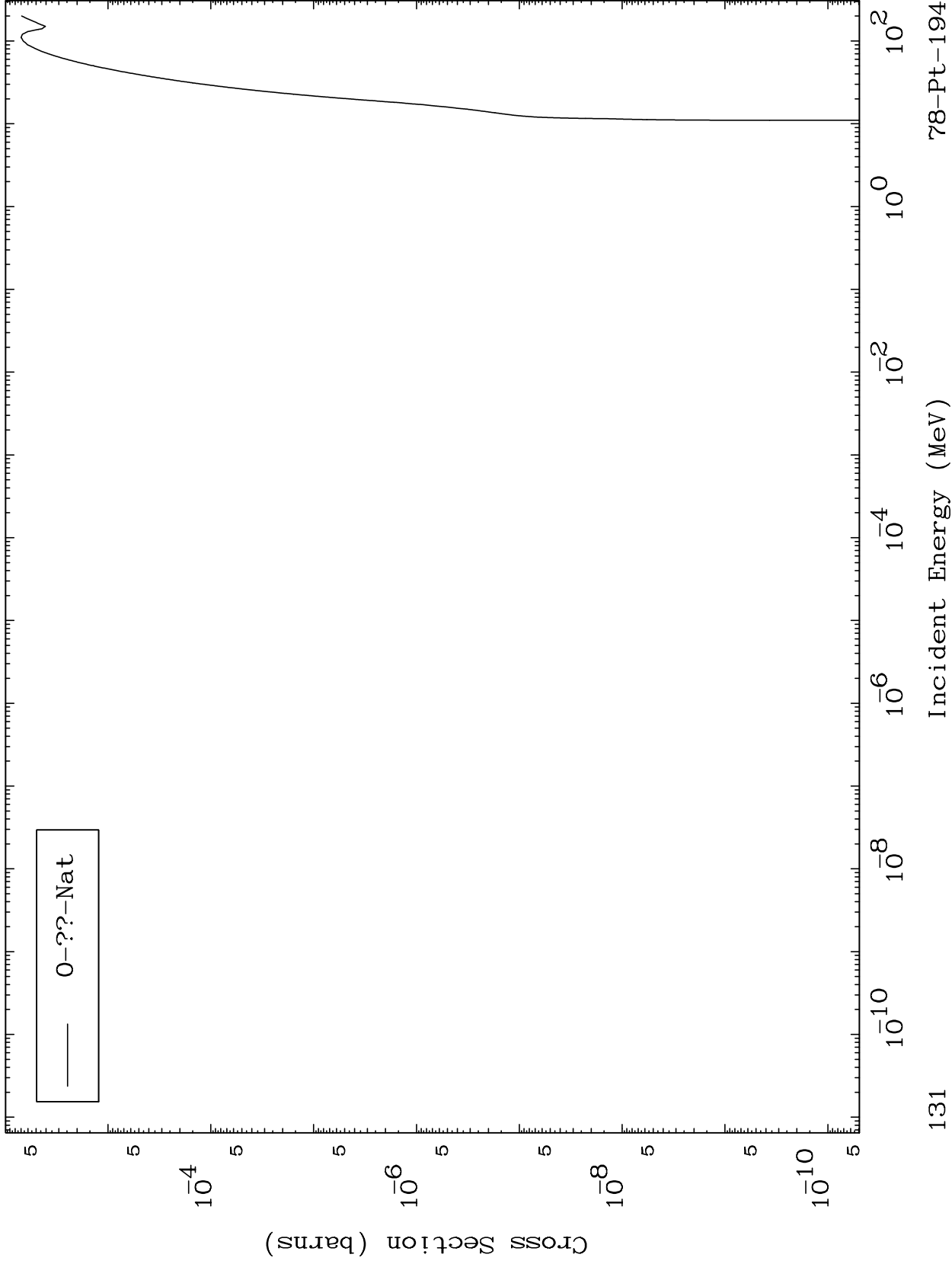
78-Pt-194

MAT 7837

Fission

78-Pt-194

Radionuclide Production Cross Section



131

Incident Energy (MeV)

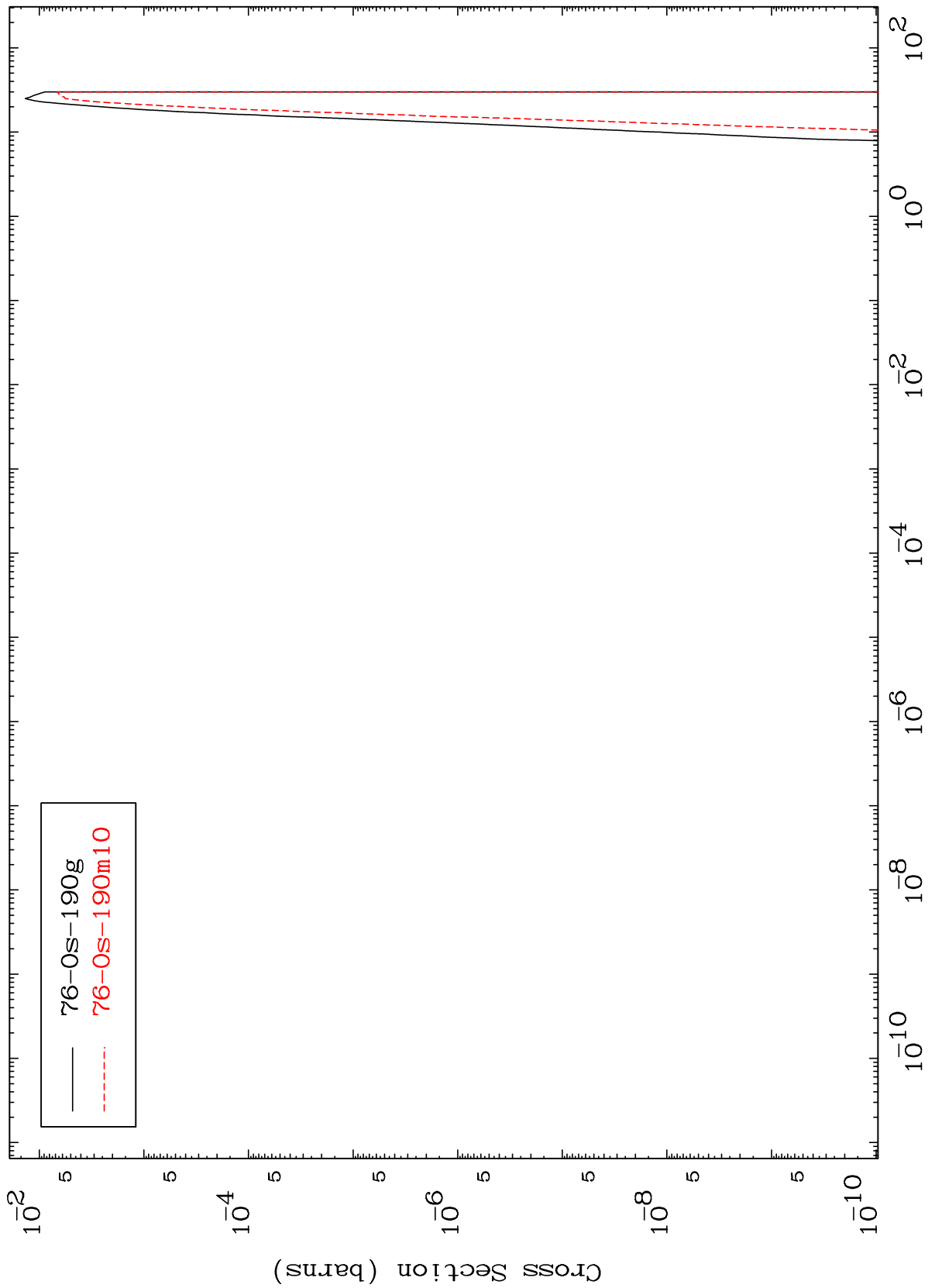
78-Pt-194

MAT 7837

$(n, n') \alpha$

78-Pt-194

Radionuclide Production Cross Section



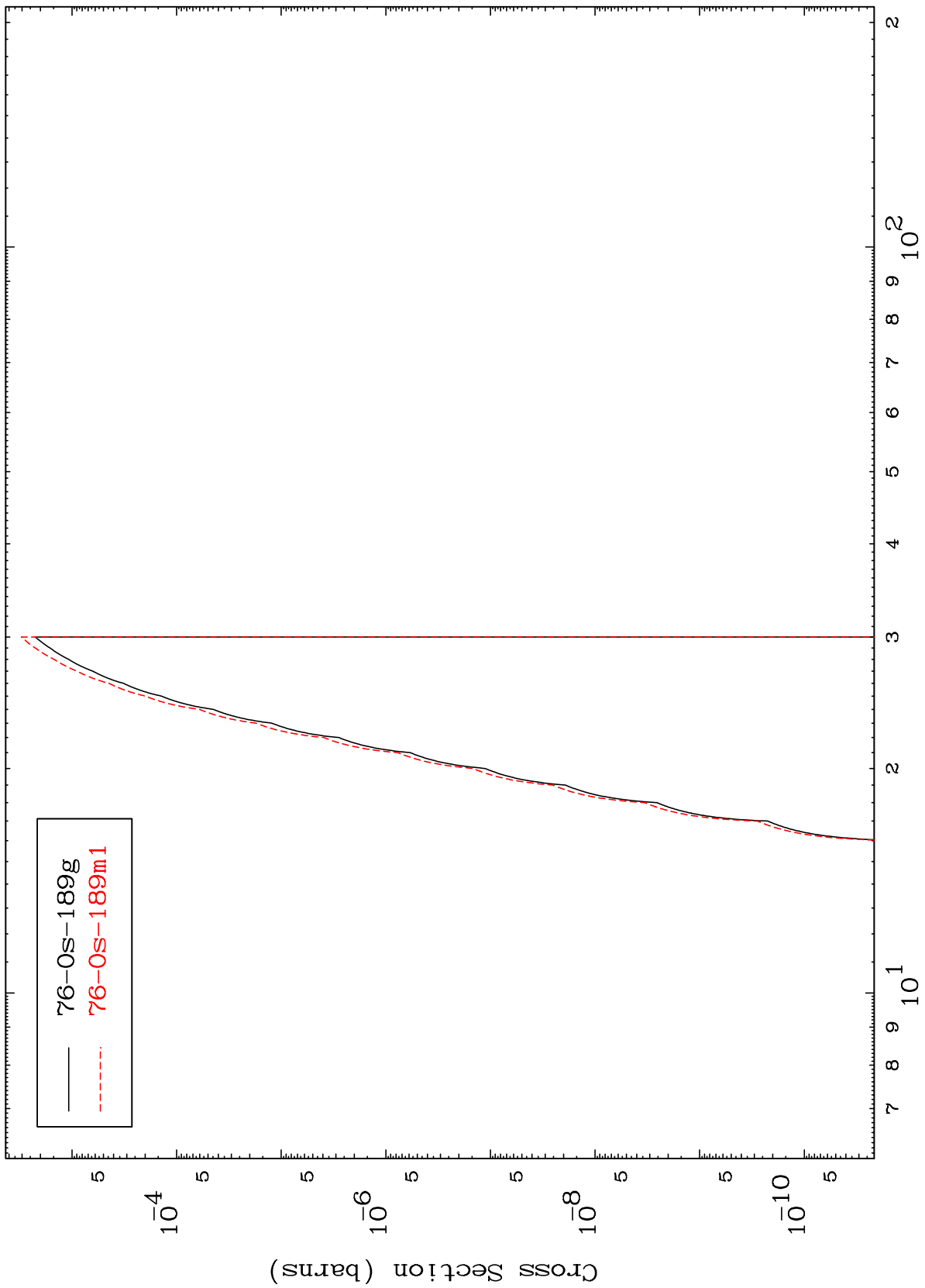
76-0s-190g
76-0s-190m10

MAT 7837

$(n,2n) \alpha$

78-Pt-194

Radionuclide Production Cross Section



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

133

Incident Energy (MeV)

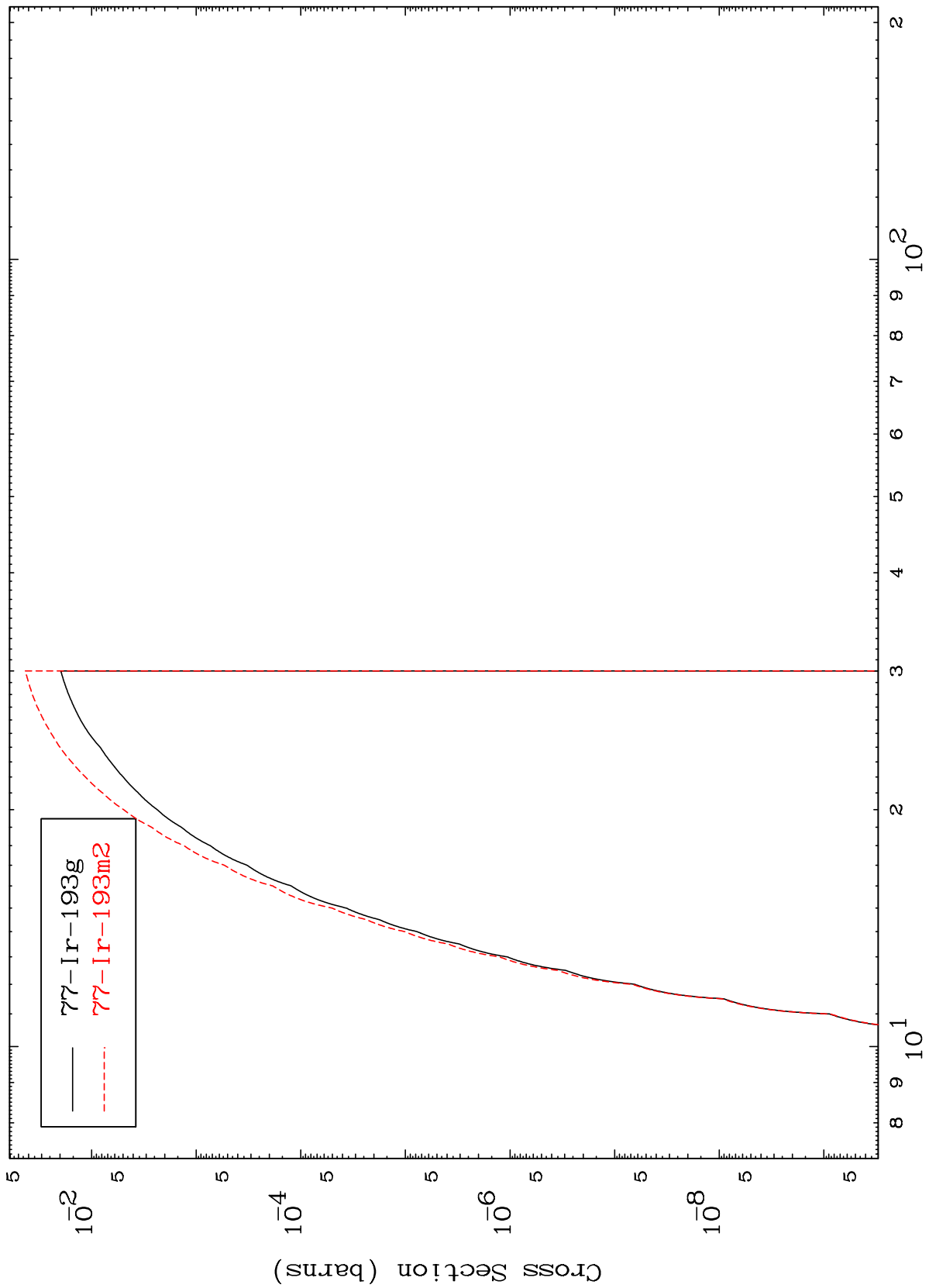
78-Pt-194

MAT 7837

(n,n') p

78-Pt-194

Radionuclide Production Cross Section



77-Ir-193g
77-Ir-193m2

134

Incident Energy (MeV)

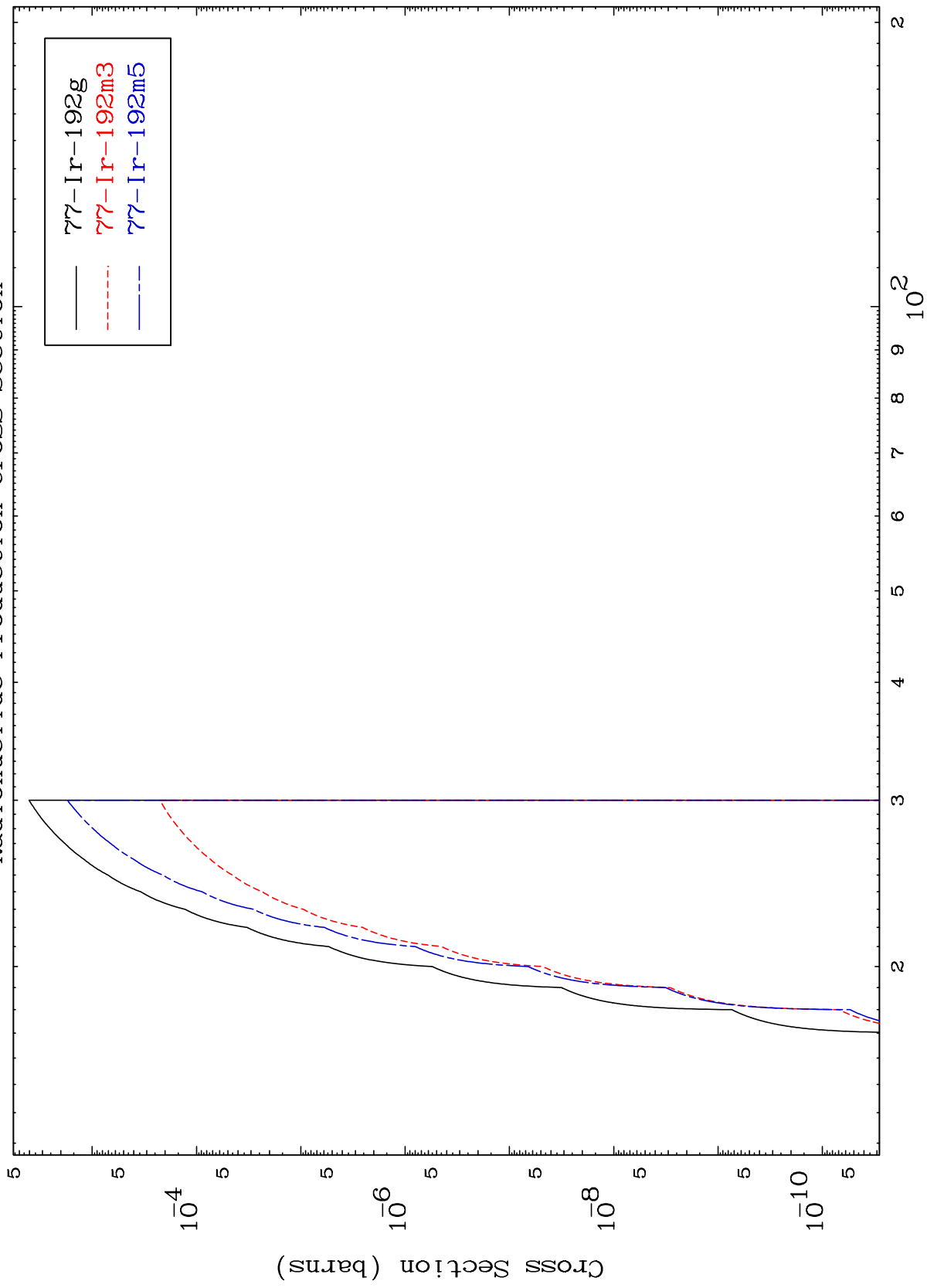
78-Pt-194

MAT 7837

(n,n') d

78-Pt-194

Radionuclide Production Cross Section

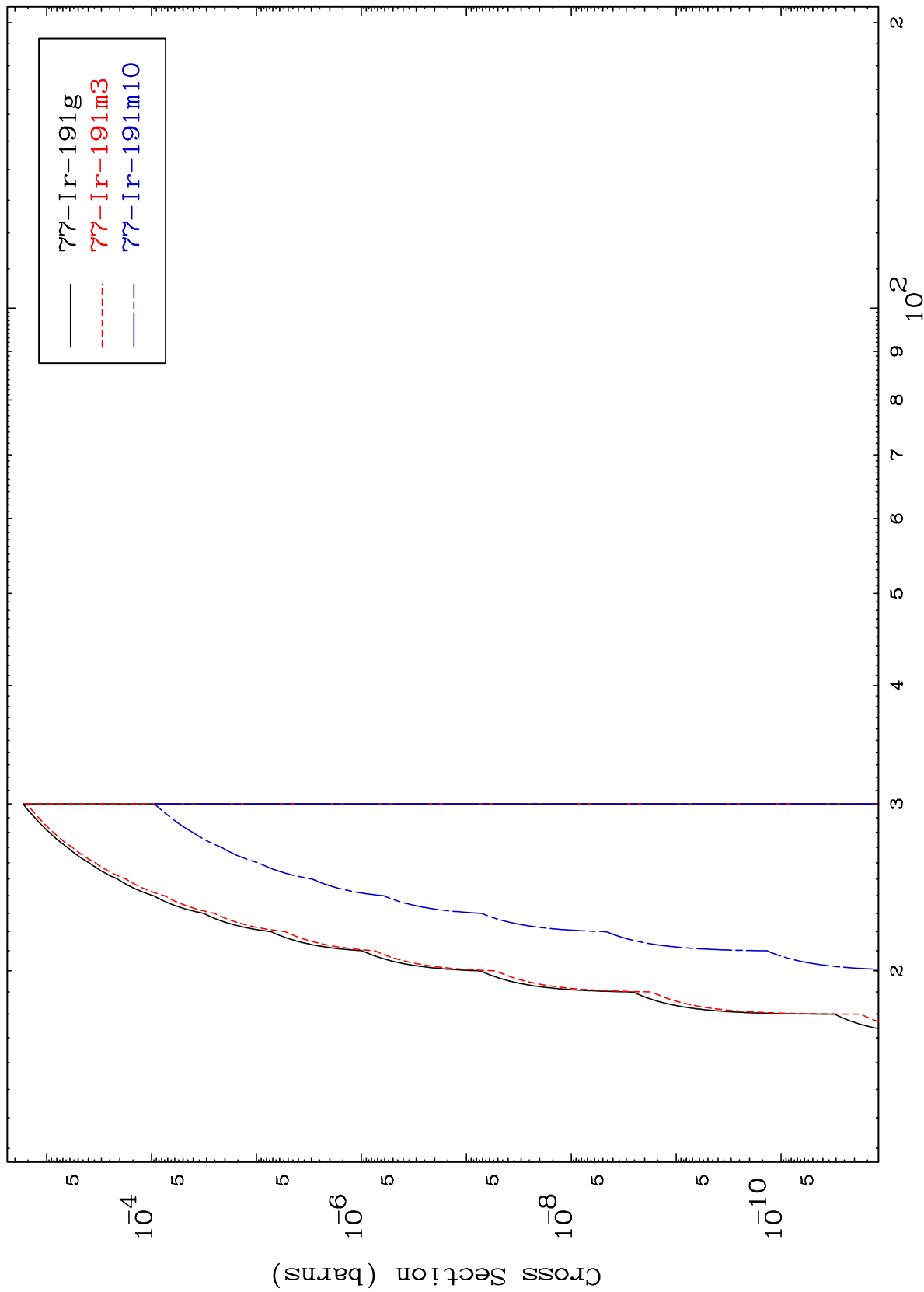


135

Incident Energy (MeV)

78-Pt-194

Radionuclide Production Cross Section

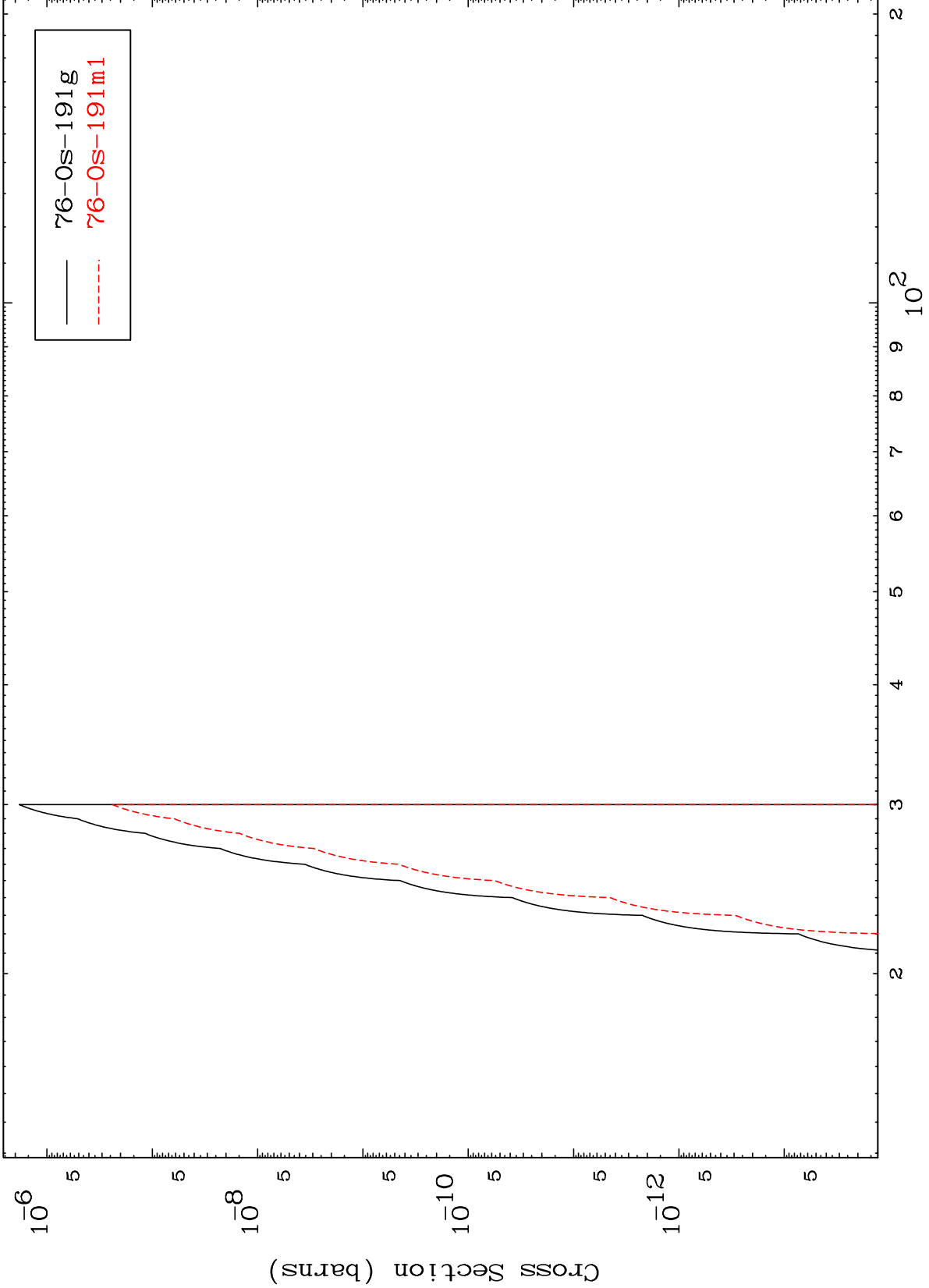


MAT 7837

(n,n') He-3

78-Pt-194

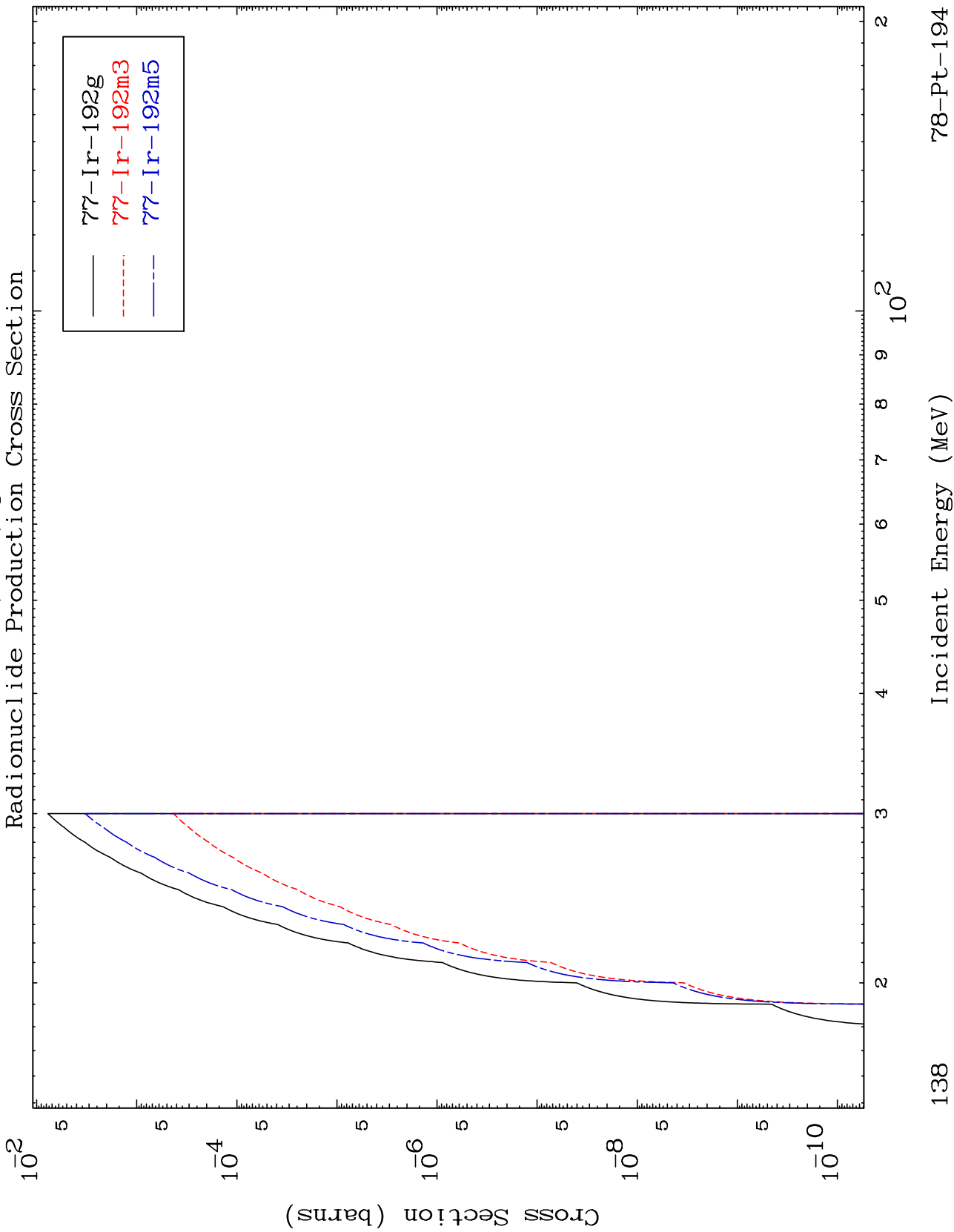
Radionuclide Production Cross Section



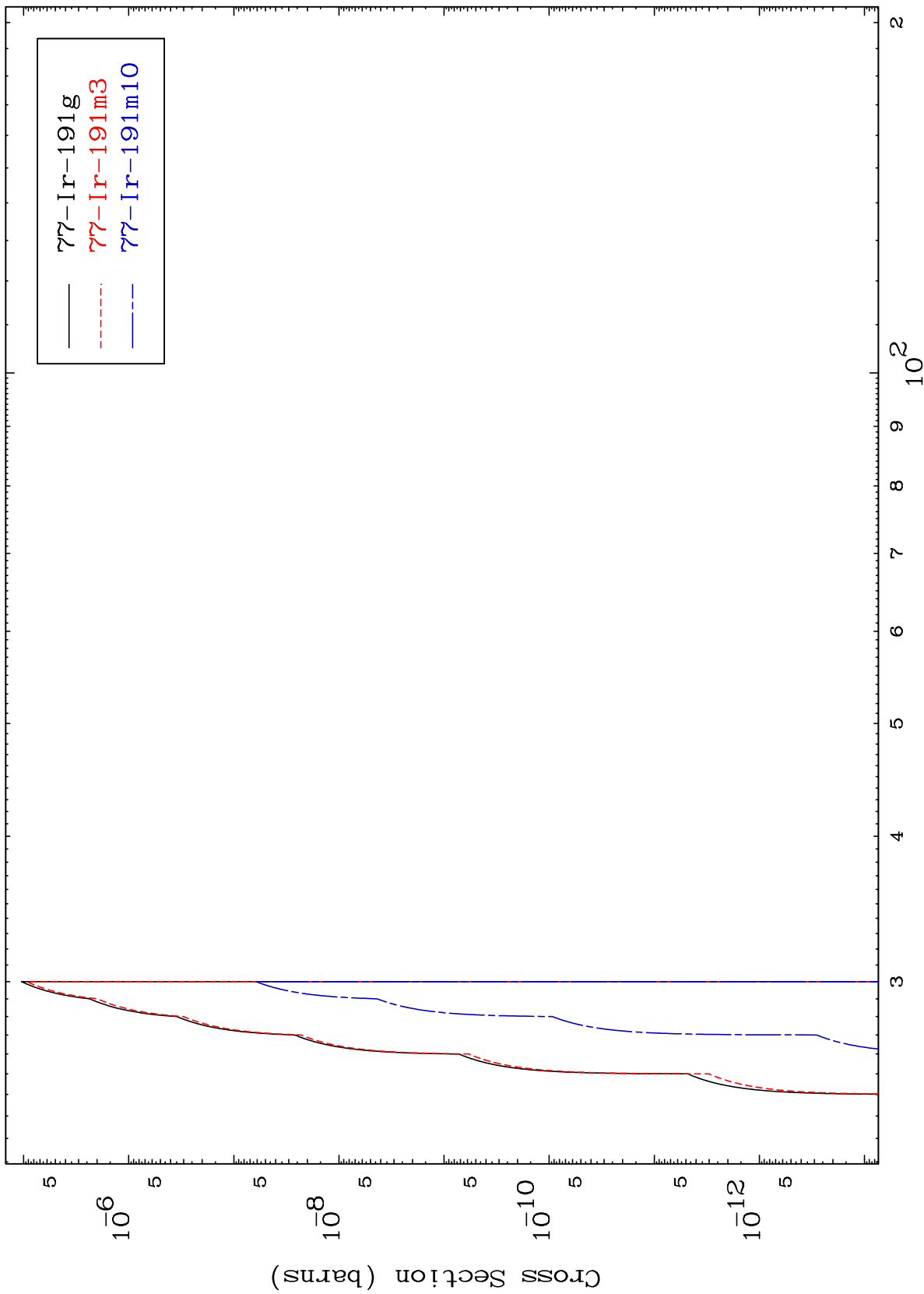
137

Incident Energy (MeV)

78-Pt-194



Radionuclide Production Cross Section

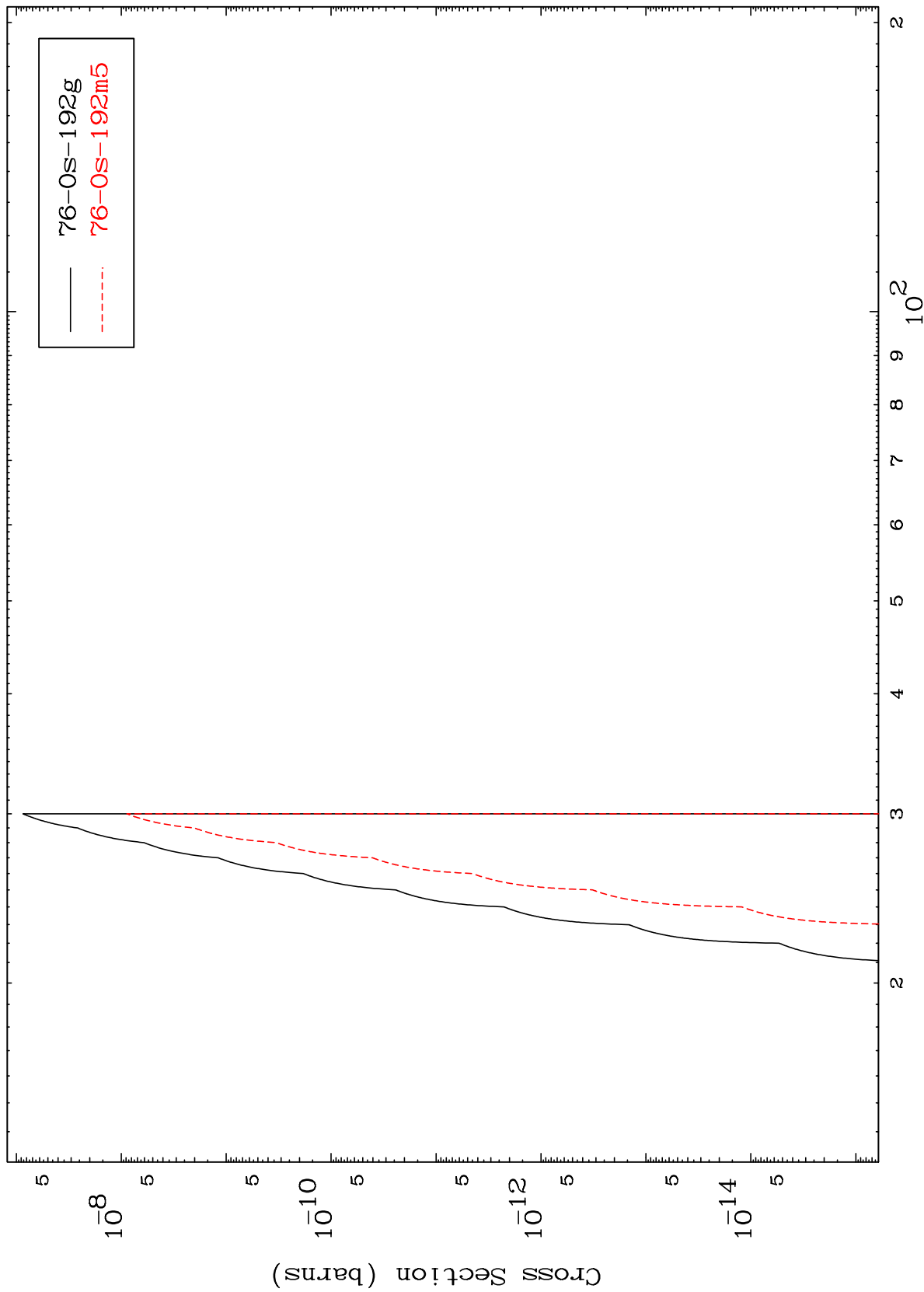


MAT 7837

(n,2n) p

78-Pt-194

Radionuclide Production Cross Section



140

Incident Energy (MeV)

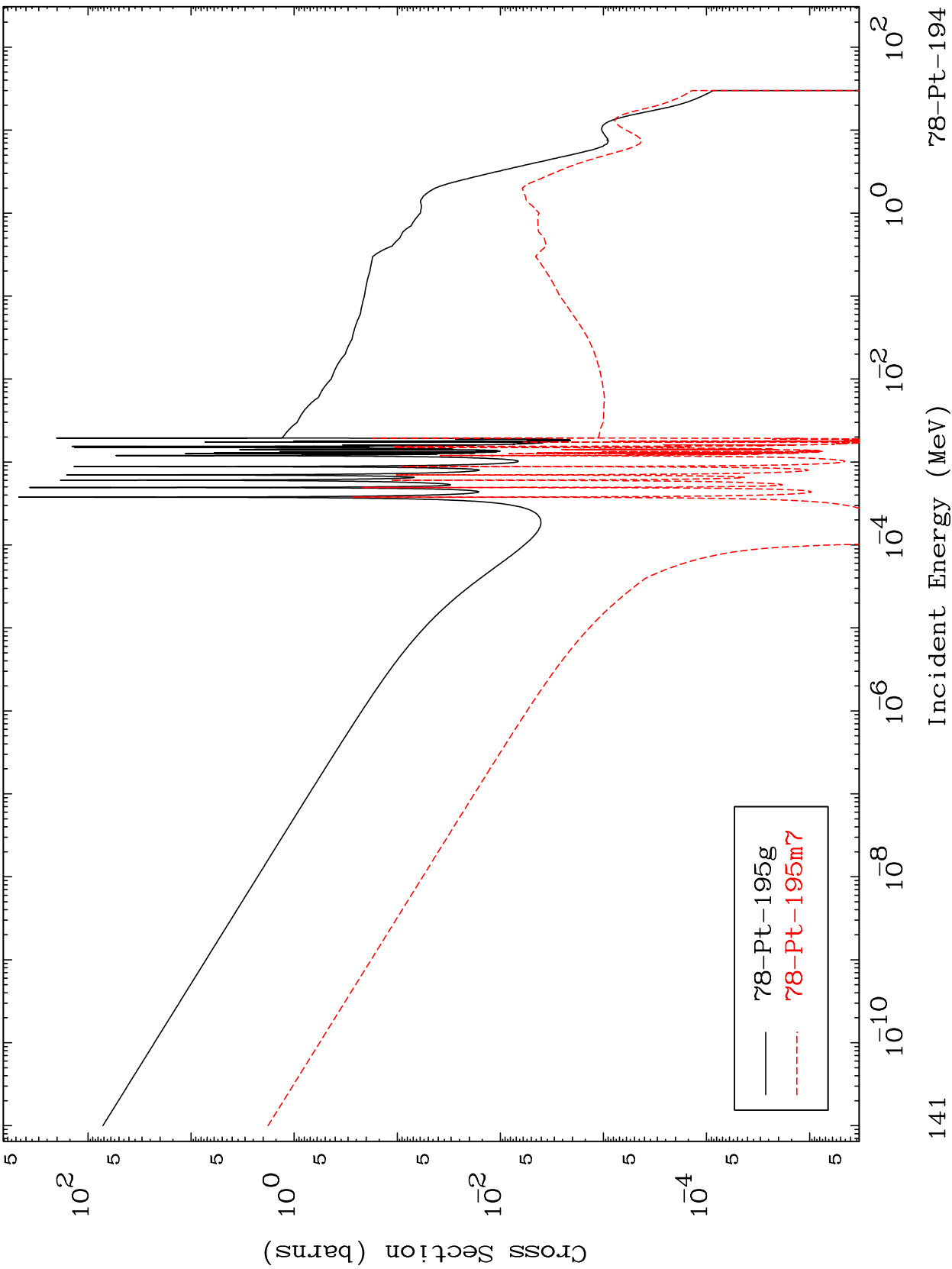
78-Pt-194

MAT 7837

78-Pt-194

Radionuclide Production Cross Section

(n,γ)



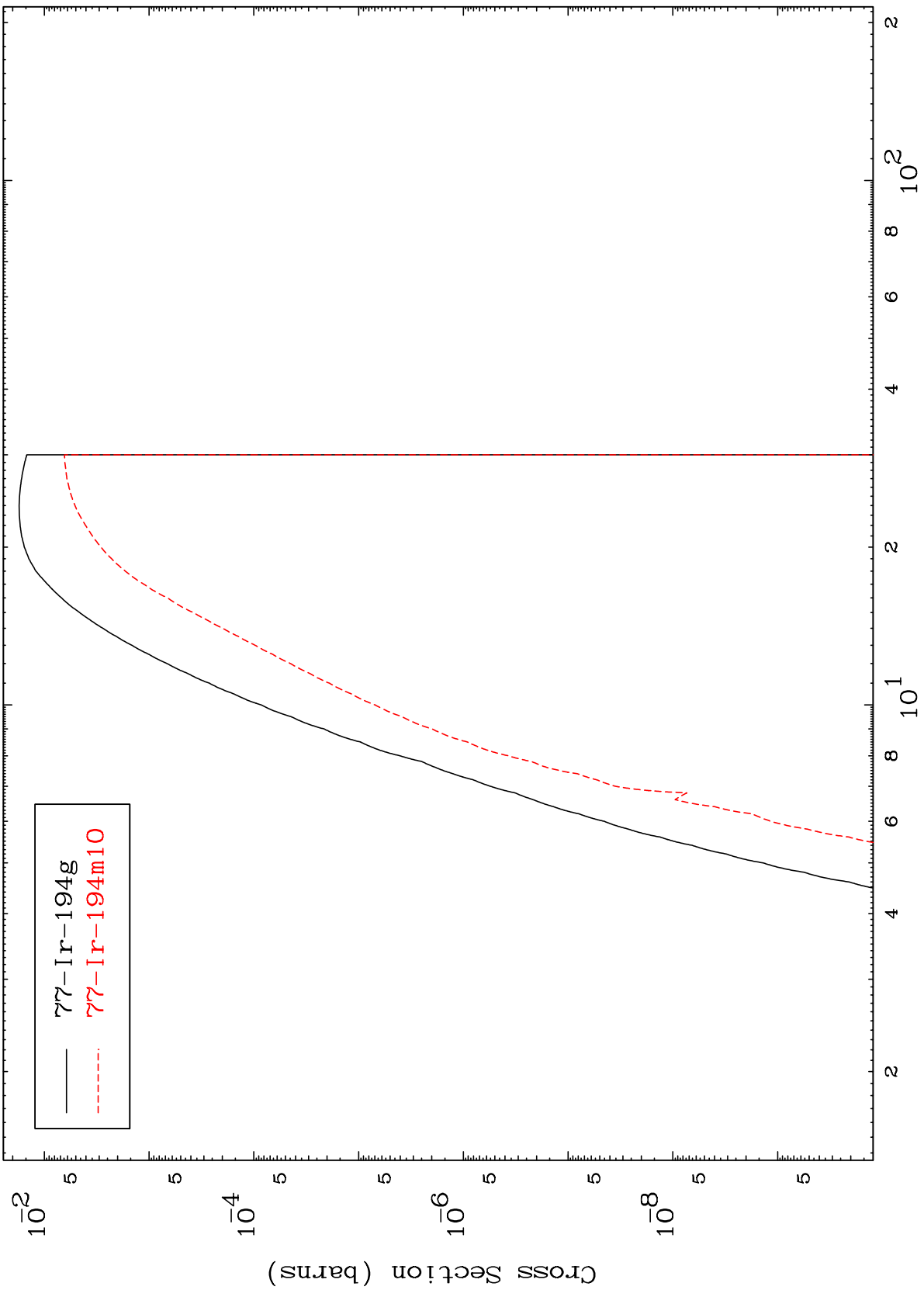
141

78-Pt-194

MAT 7837

78-Pt-194

(n,p)
Radionuclide Production Cross Section



— $^{77}\text{Ir-194g}$
- - - $^{77}\text{Ir-194m10}$

142

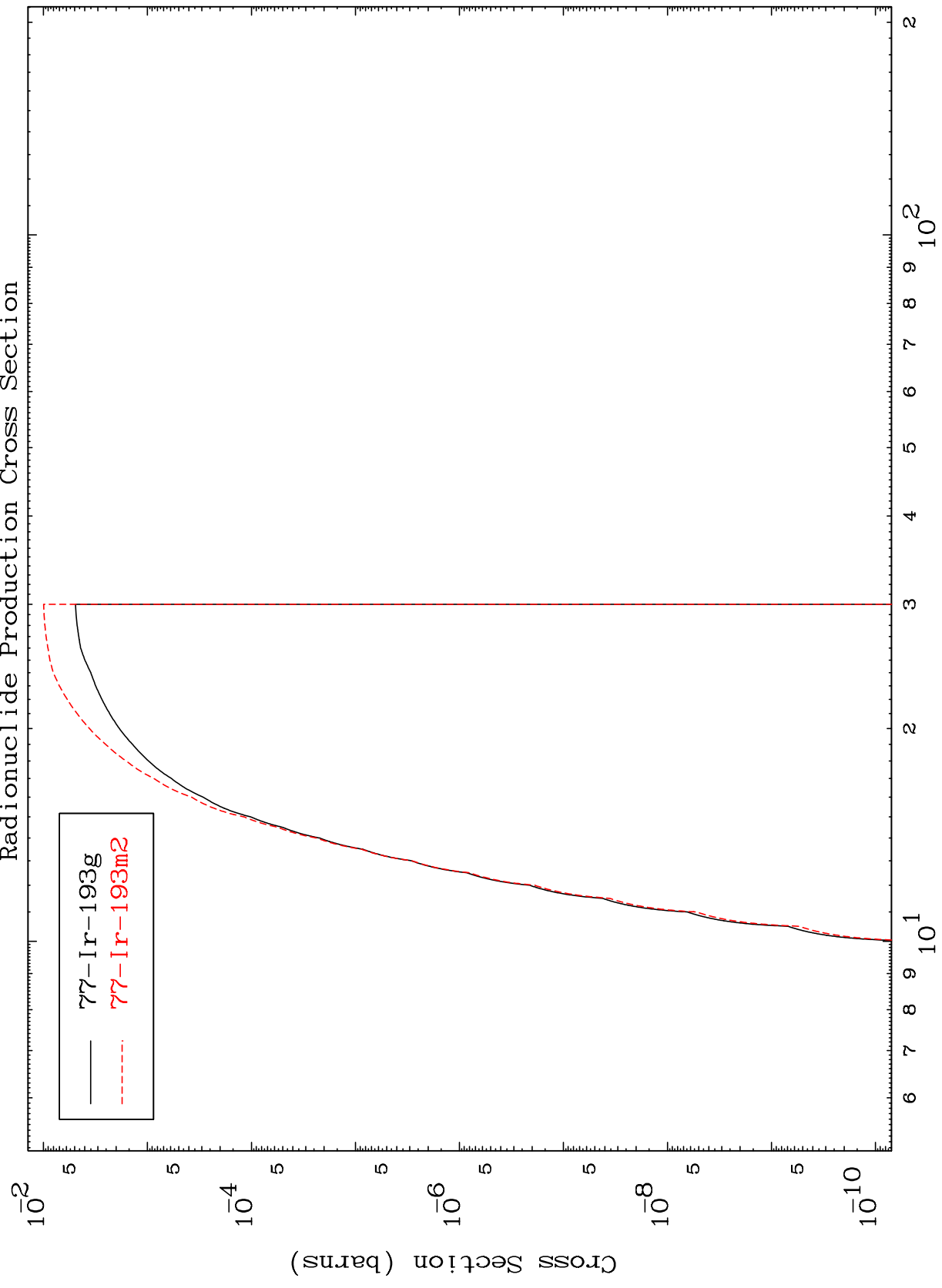
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

Radionuclide Production Cross Section (n,d)



143

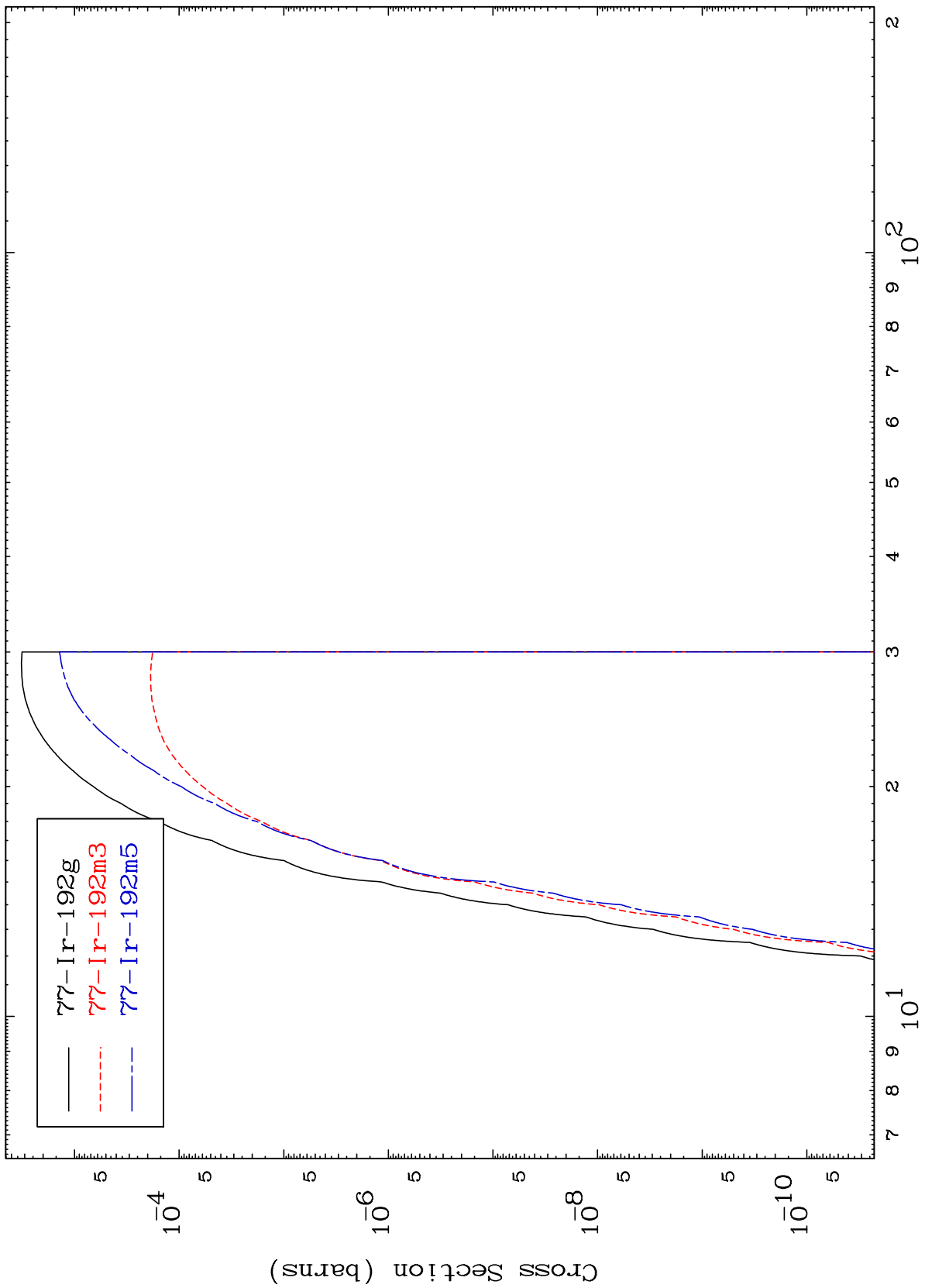
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

(n,t)
Radionuclide Production Cross Section



144

Incident Energy (MeV)

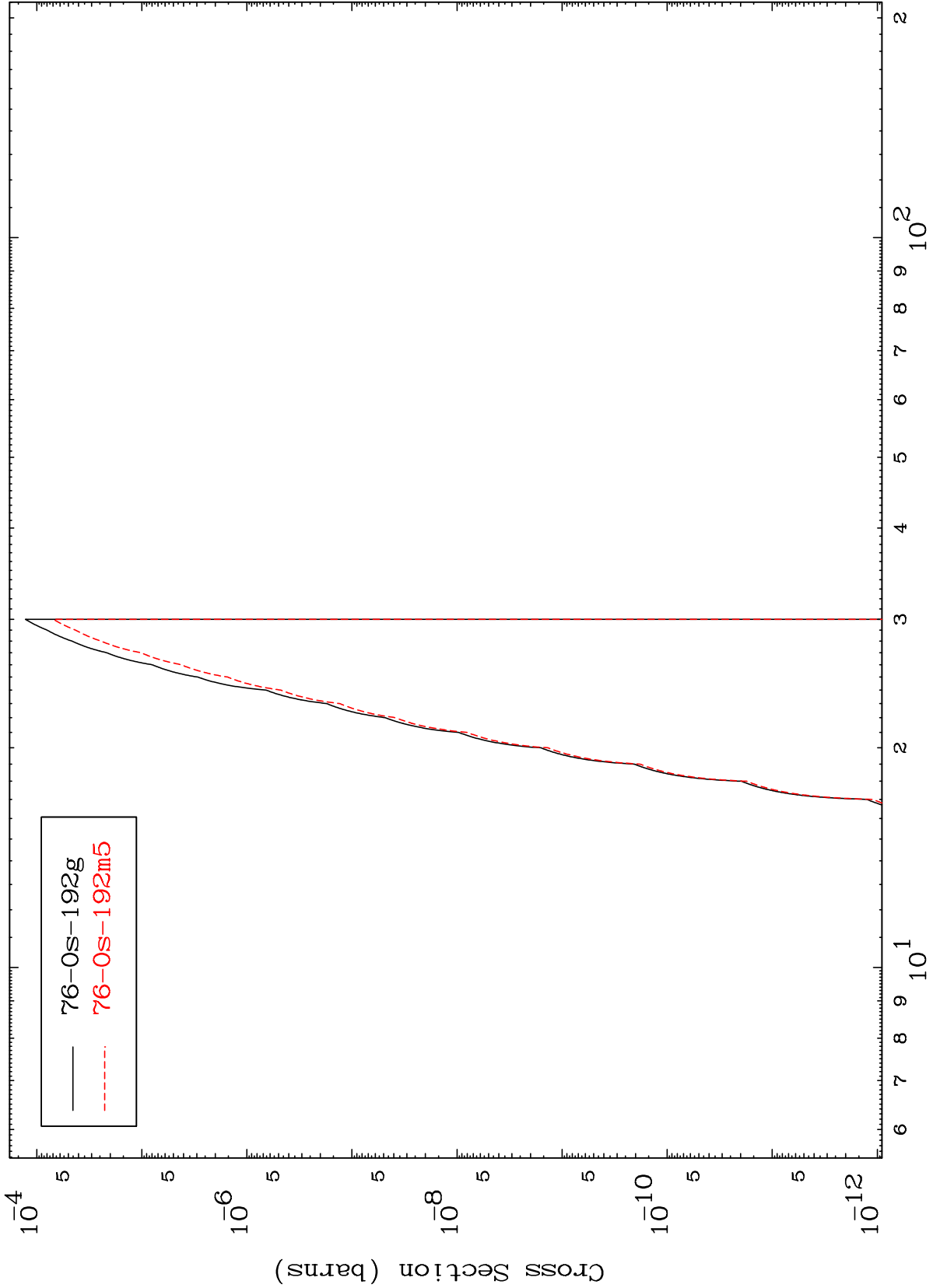
78-Pt-194

MAT 7837

(n,He-3)

78-Pt-194

Radionuclide Production Cross Section



76-Os-192g
76-Os-192m5

145

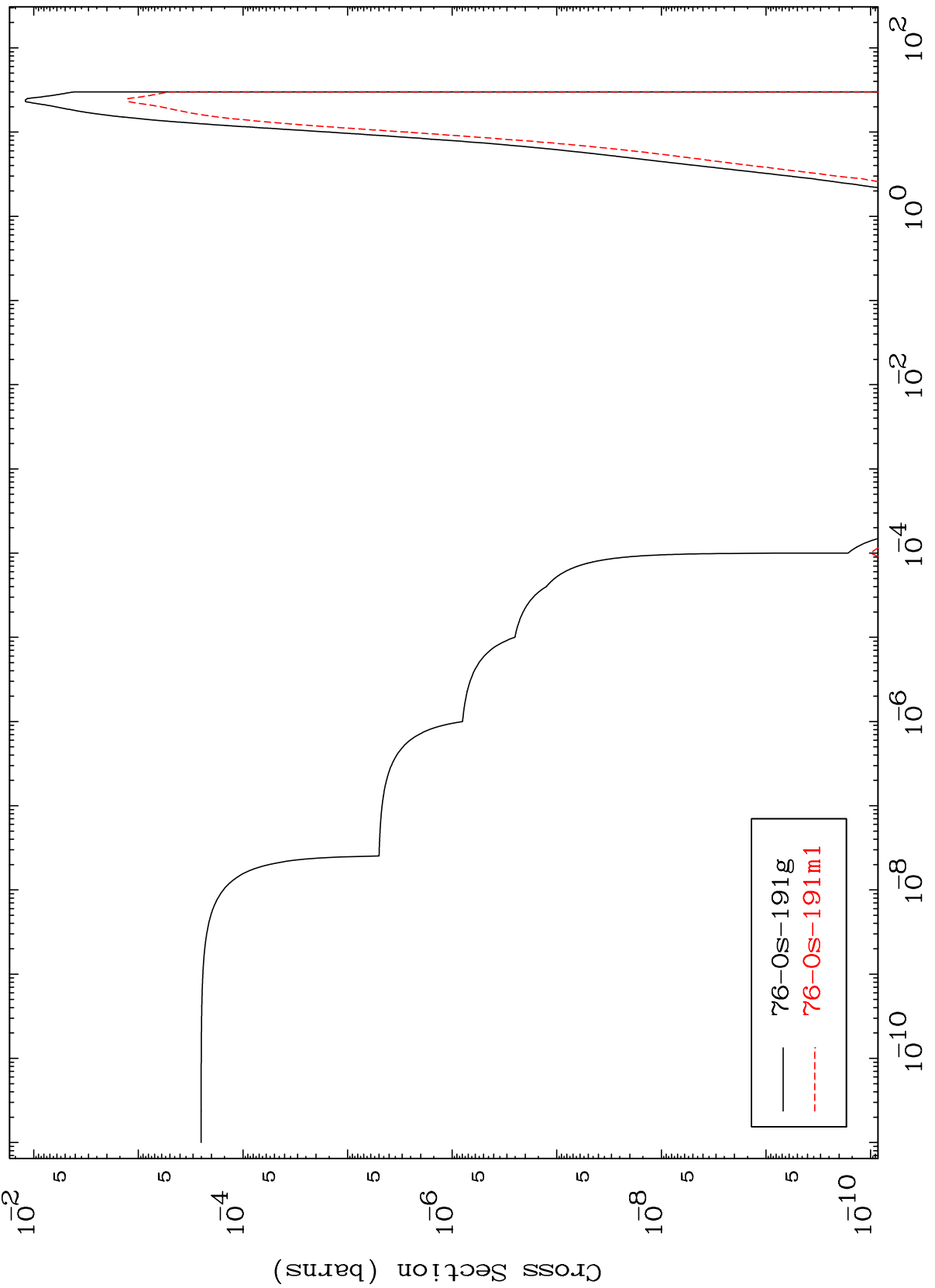
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-194

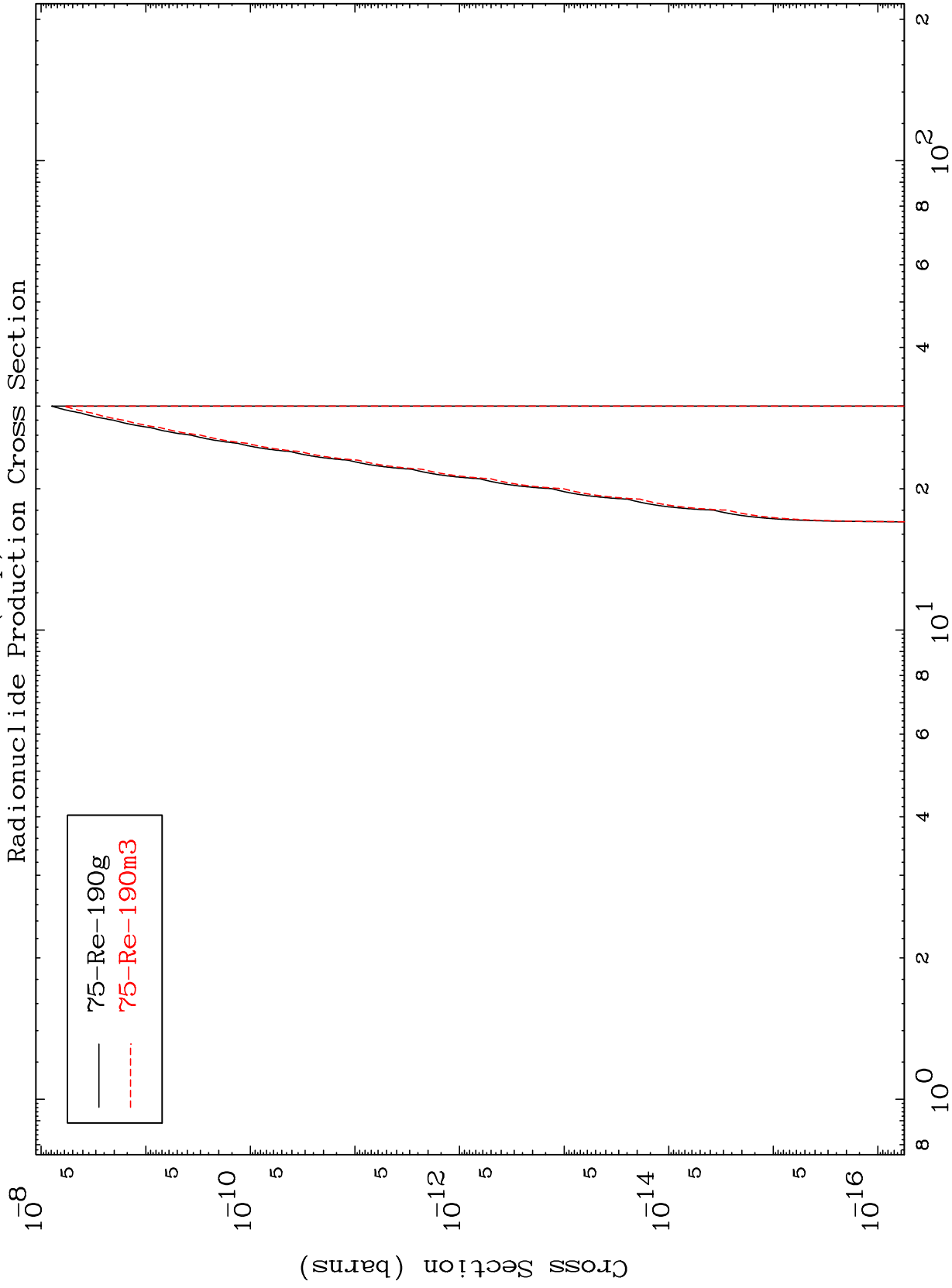
146

MAT 7837

(n,p) α

78-Pt-194

Radionuclide Production Cross Section

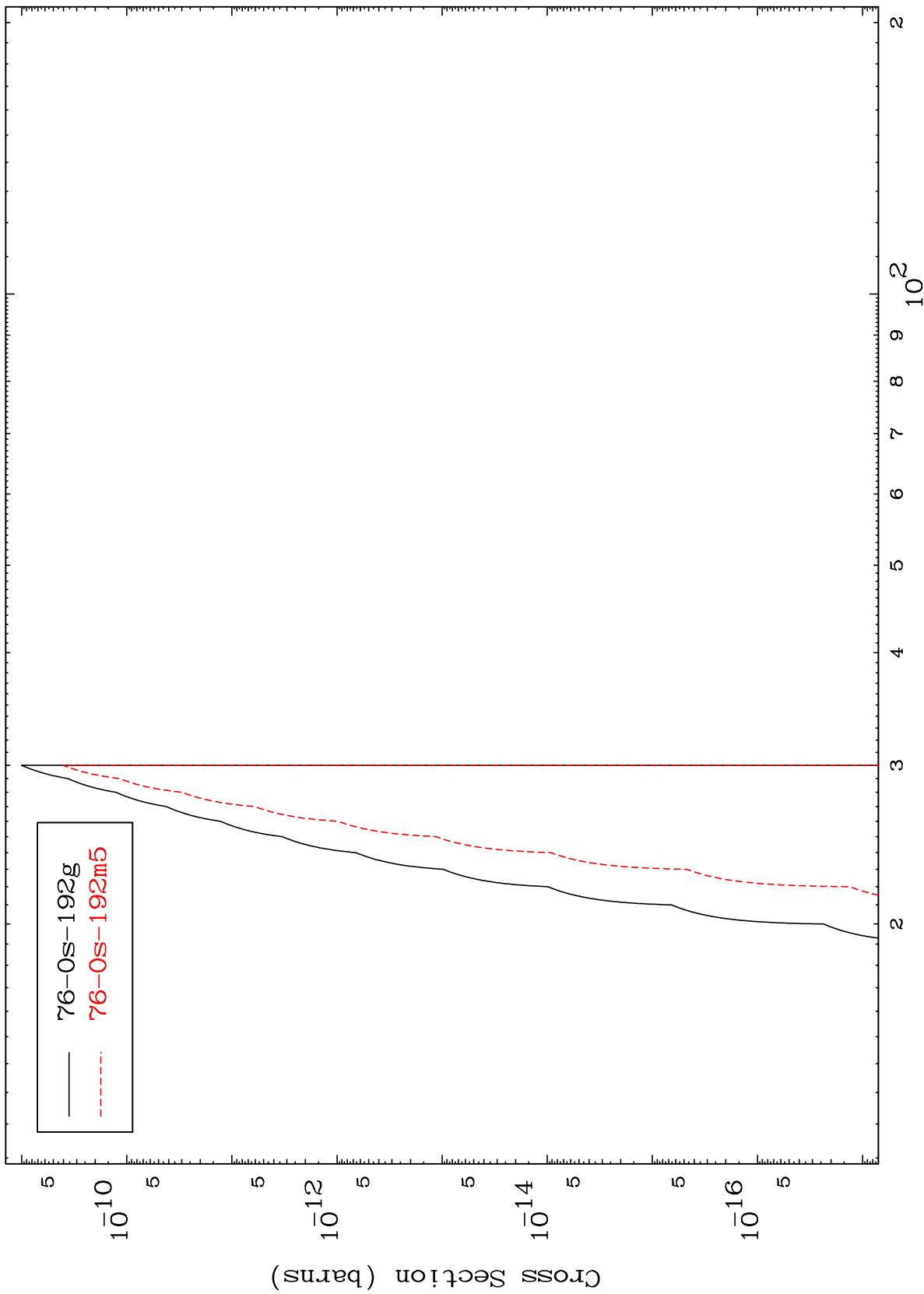


147

Incident Energy (MeV)

78-Pt-194

Radionuclide Production Cross Section



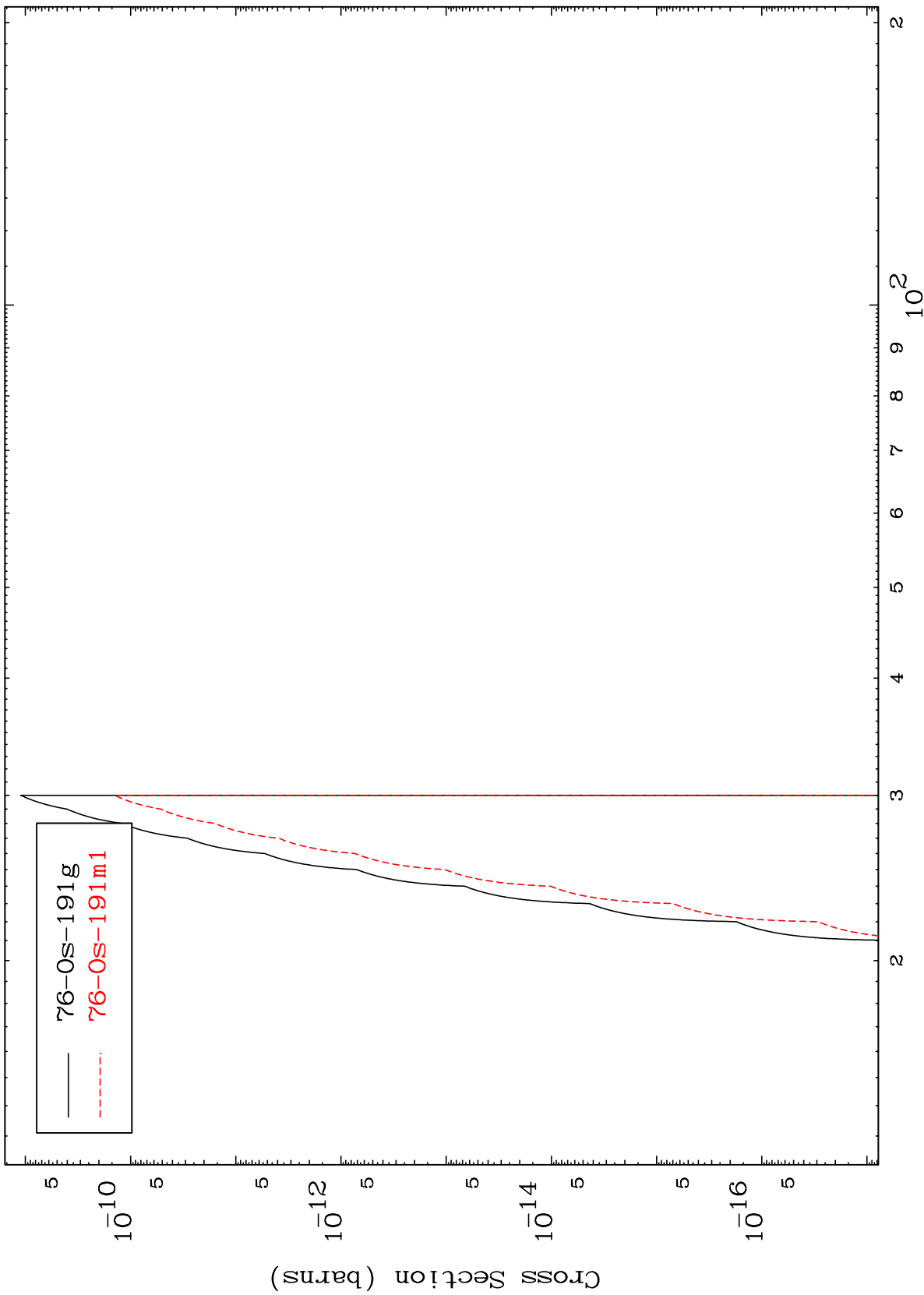
76-Os-192g
76-Os-192m5

MAT 7837

(n,p) t

78-Pt-194

Radionuclide Production Cross Section



149

Incident Energy (MeV)

78-Pt-194