

Program EVALPLOT
(Version 2018-1)

by

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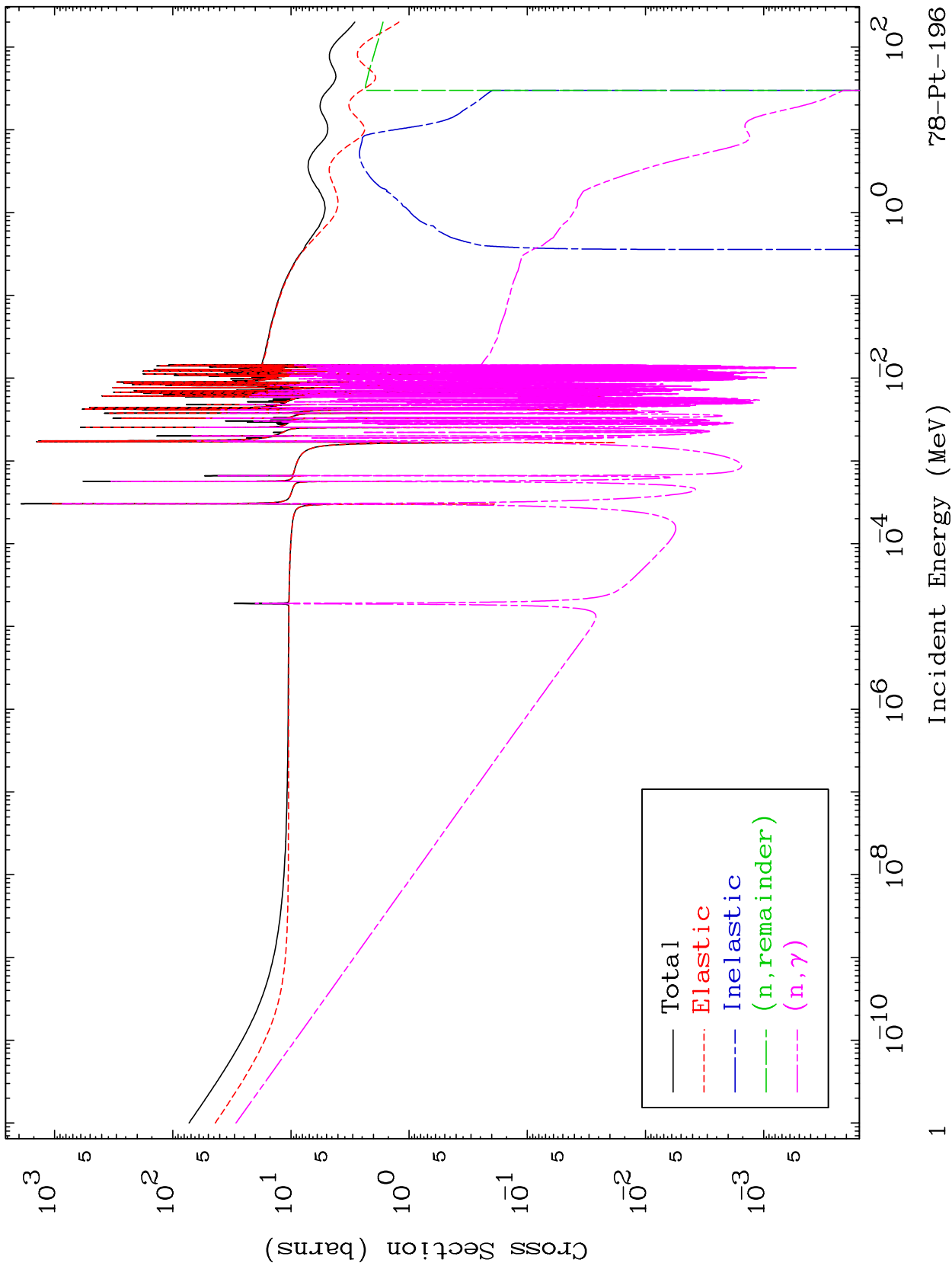
Press Mouse Button to Start

MAT 7843

Major

293 Kelvin Cross Sections

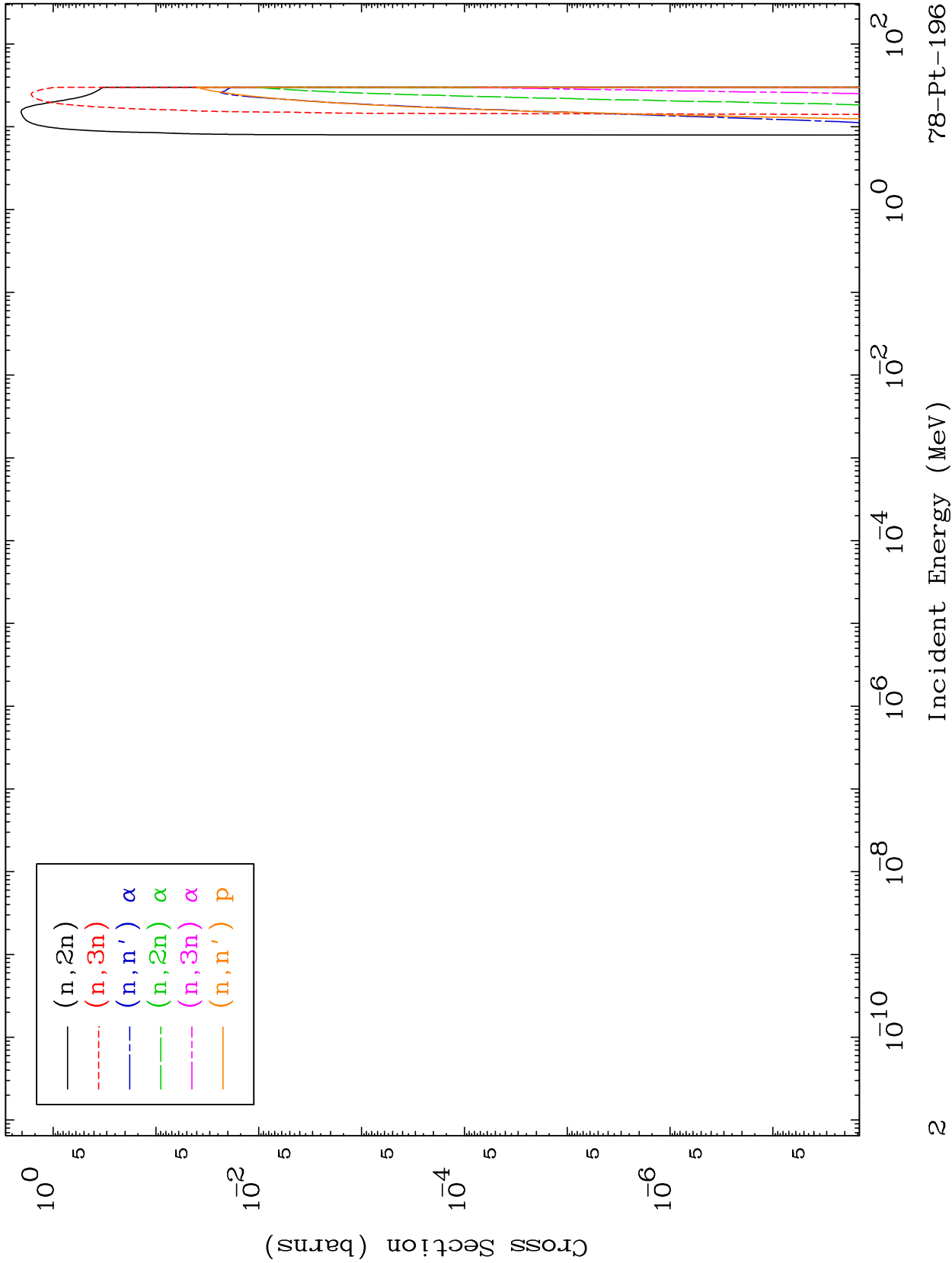
78-Pt-196

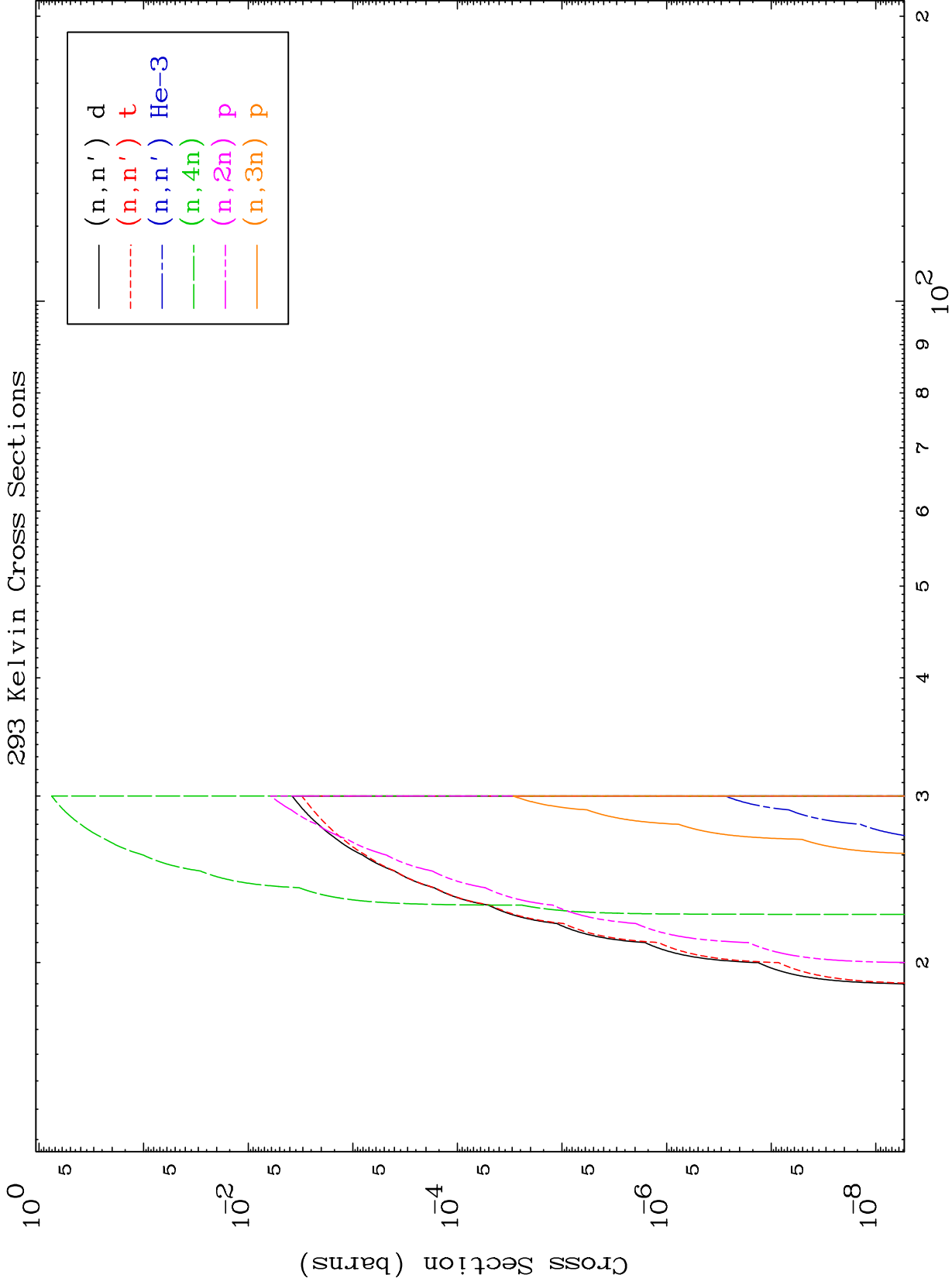


MAT 7843

Neutron Production
293 Kelvin Cross Sections

78-Pt-196

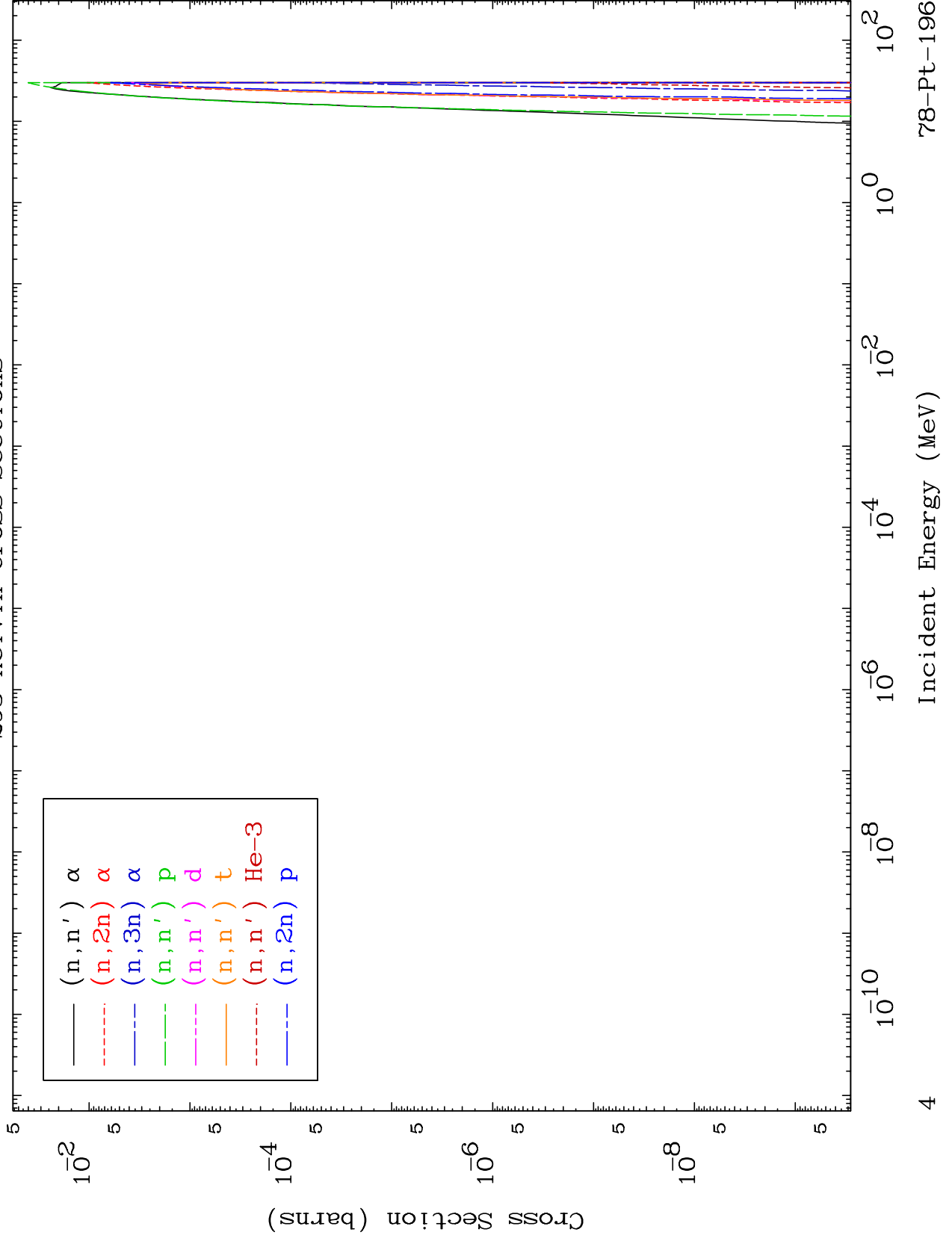




MAT 7843

Charged Particle
293 Kelvin Cross Sections

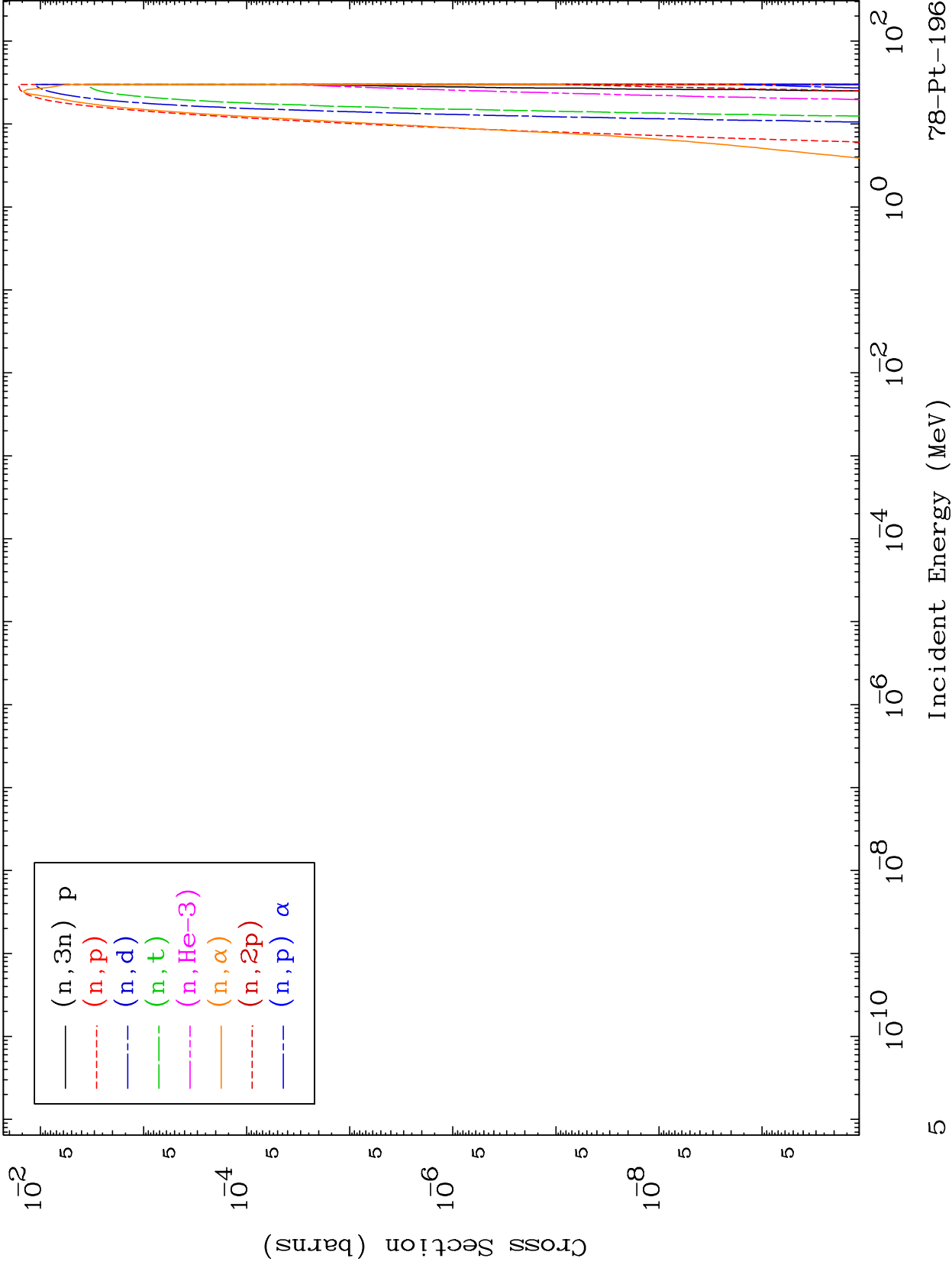
78-Pt-196



MAT 7843

Charged Particle
293 Kelvin Cross Sections

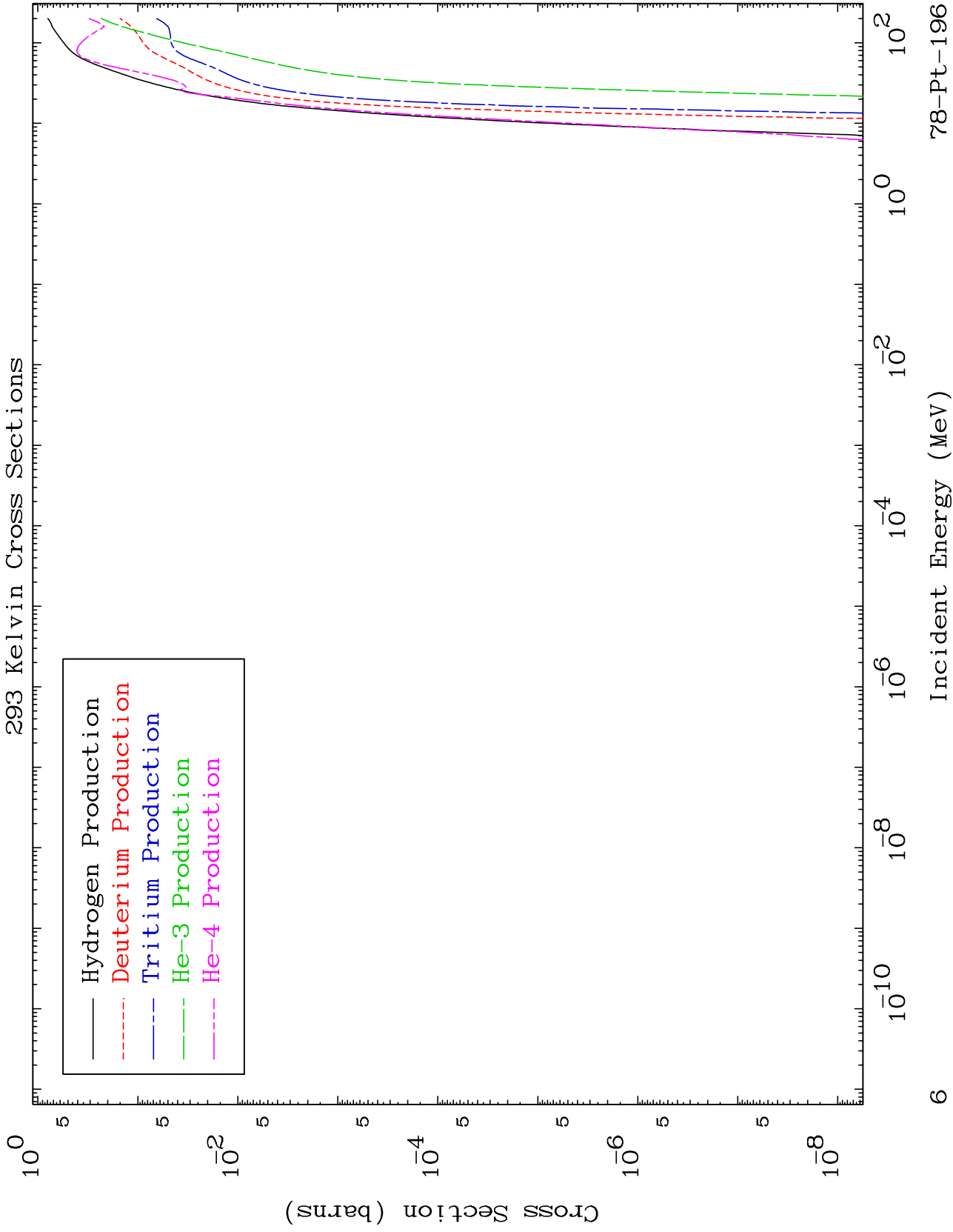
78-Pt-196



MAT 7843

Particle Production
293 Kelvin Cross Sections

78-Pt-196

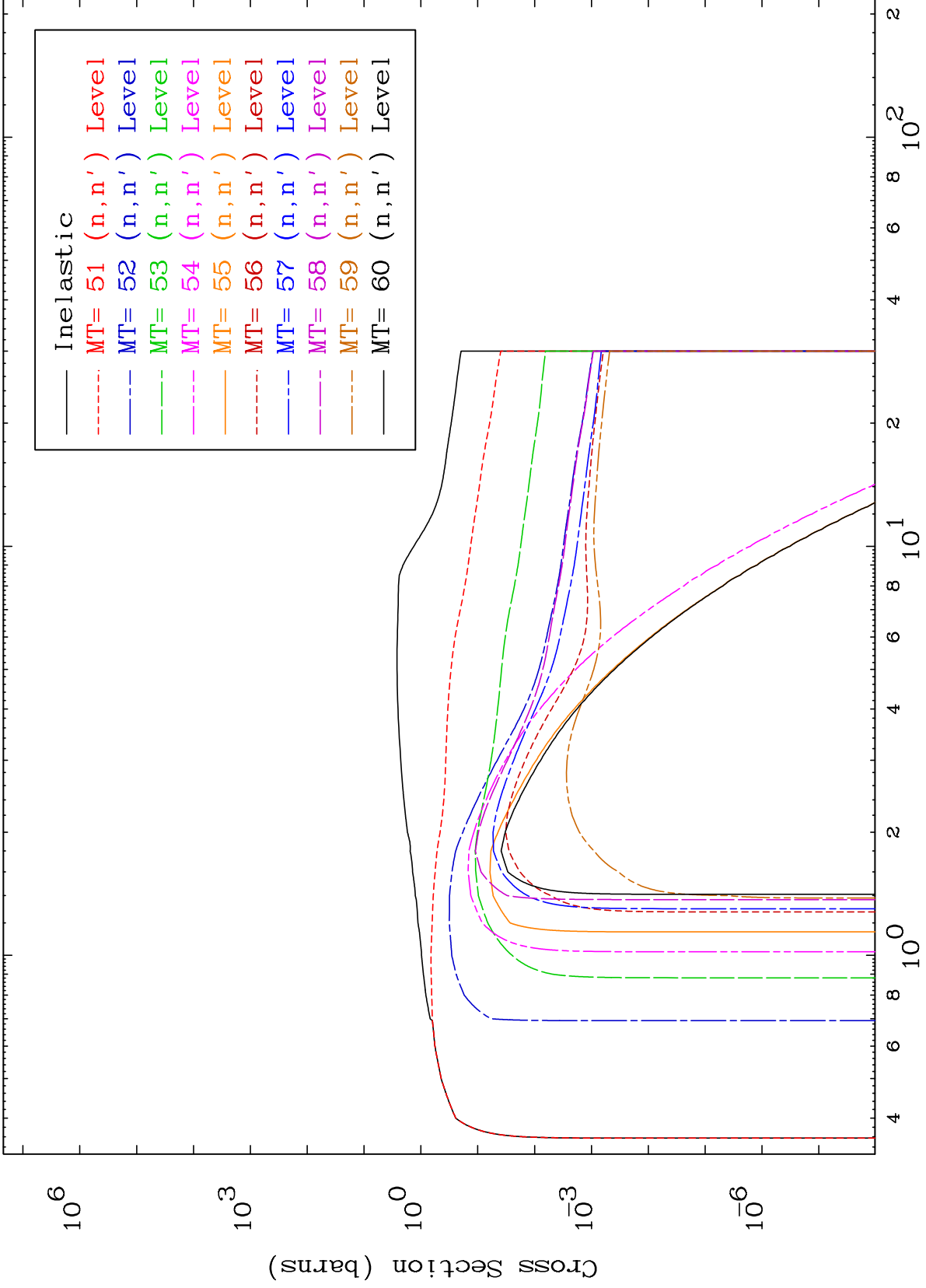


MAT 7843

(n,n') Level

78-Pt-196

293 Kelvin Cross Sections



7

Incident Energy (MeV)

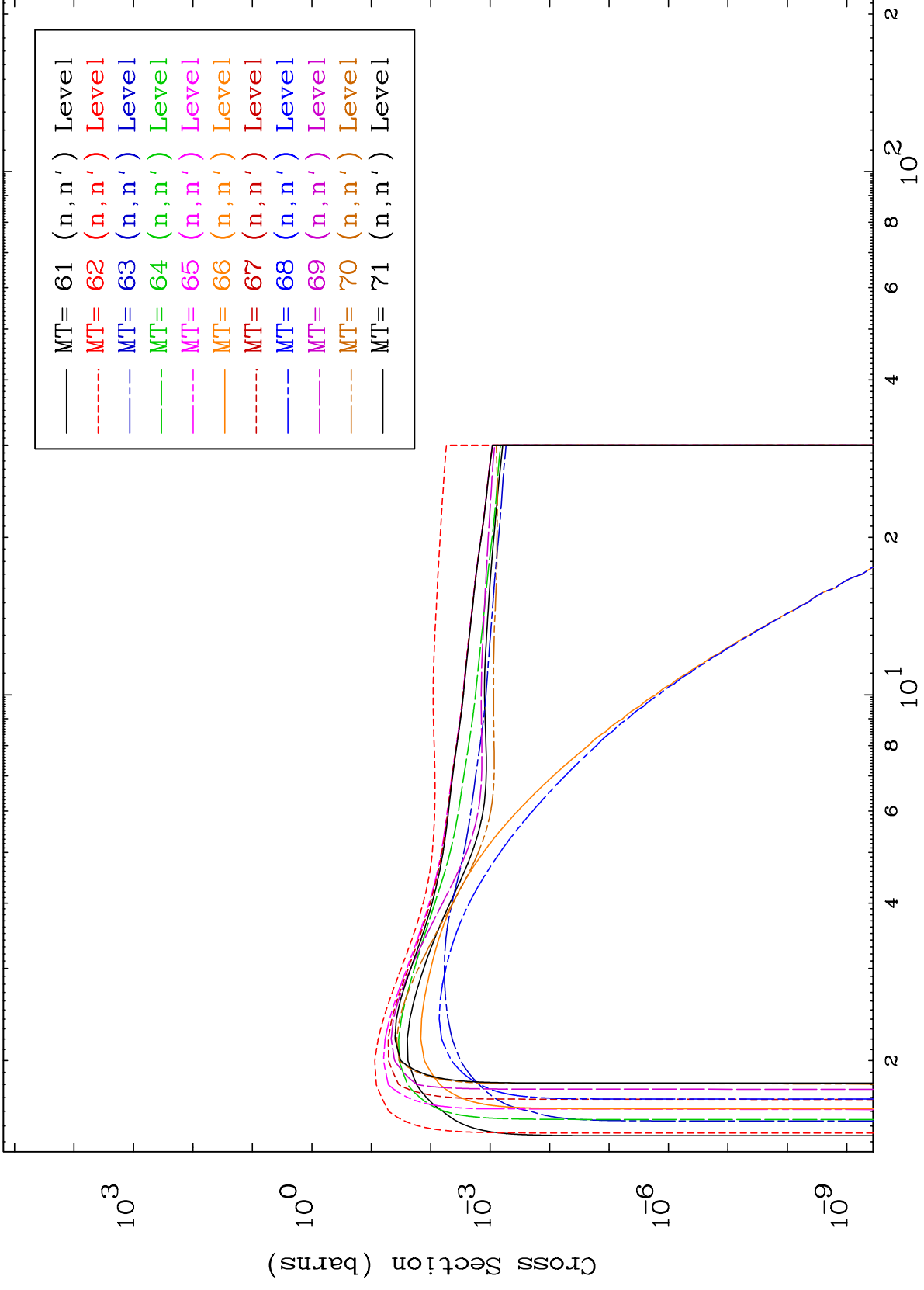
78-Pt-196

MAT 7843

(n,n') Level

78-Pt-196

293 Kelvin Cross Sections

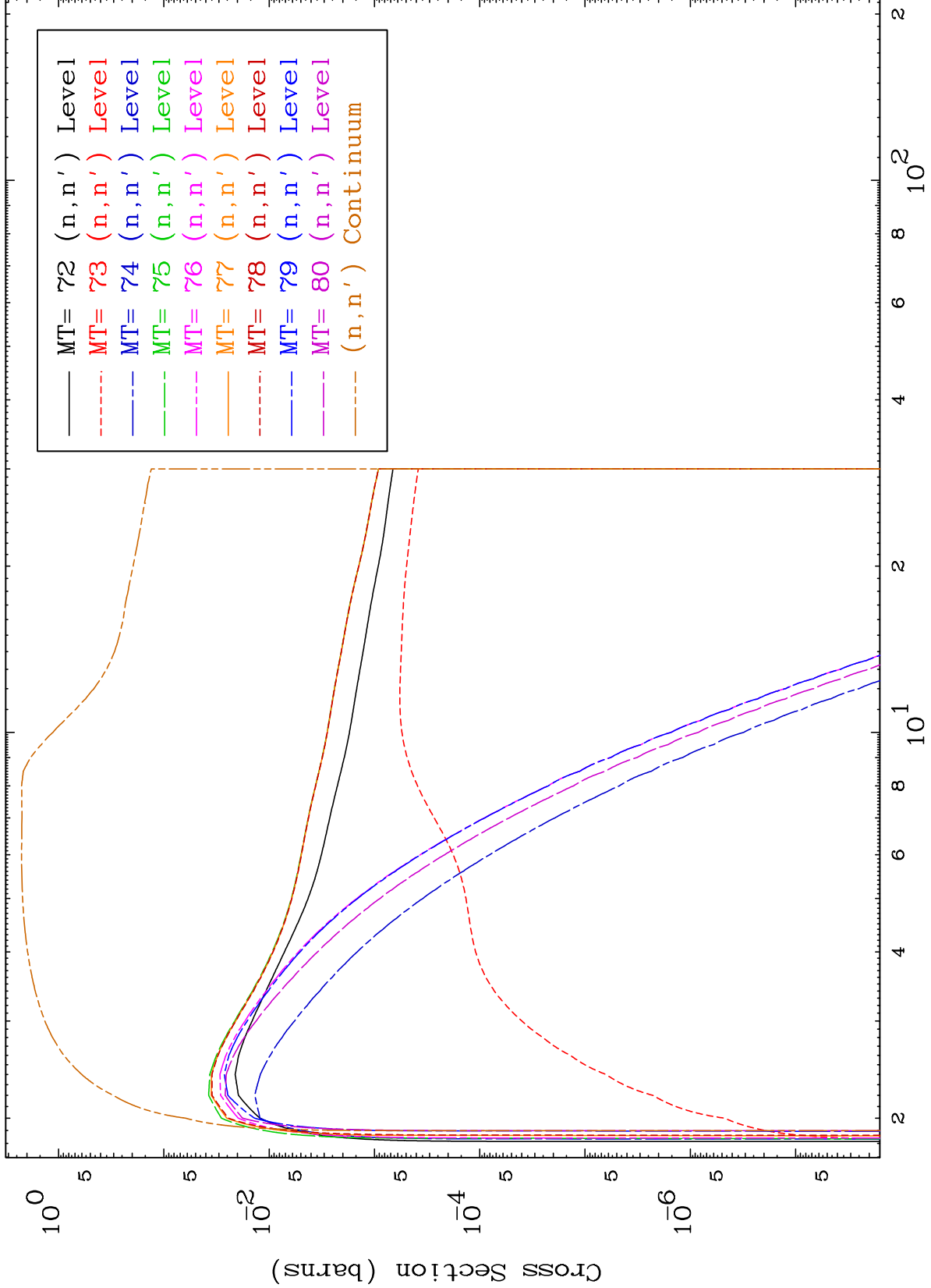


8

Incident Energy (MeV)

78-Pt-196

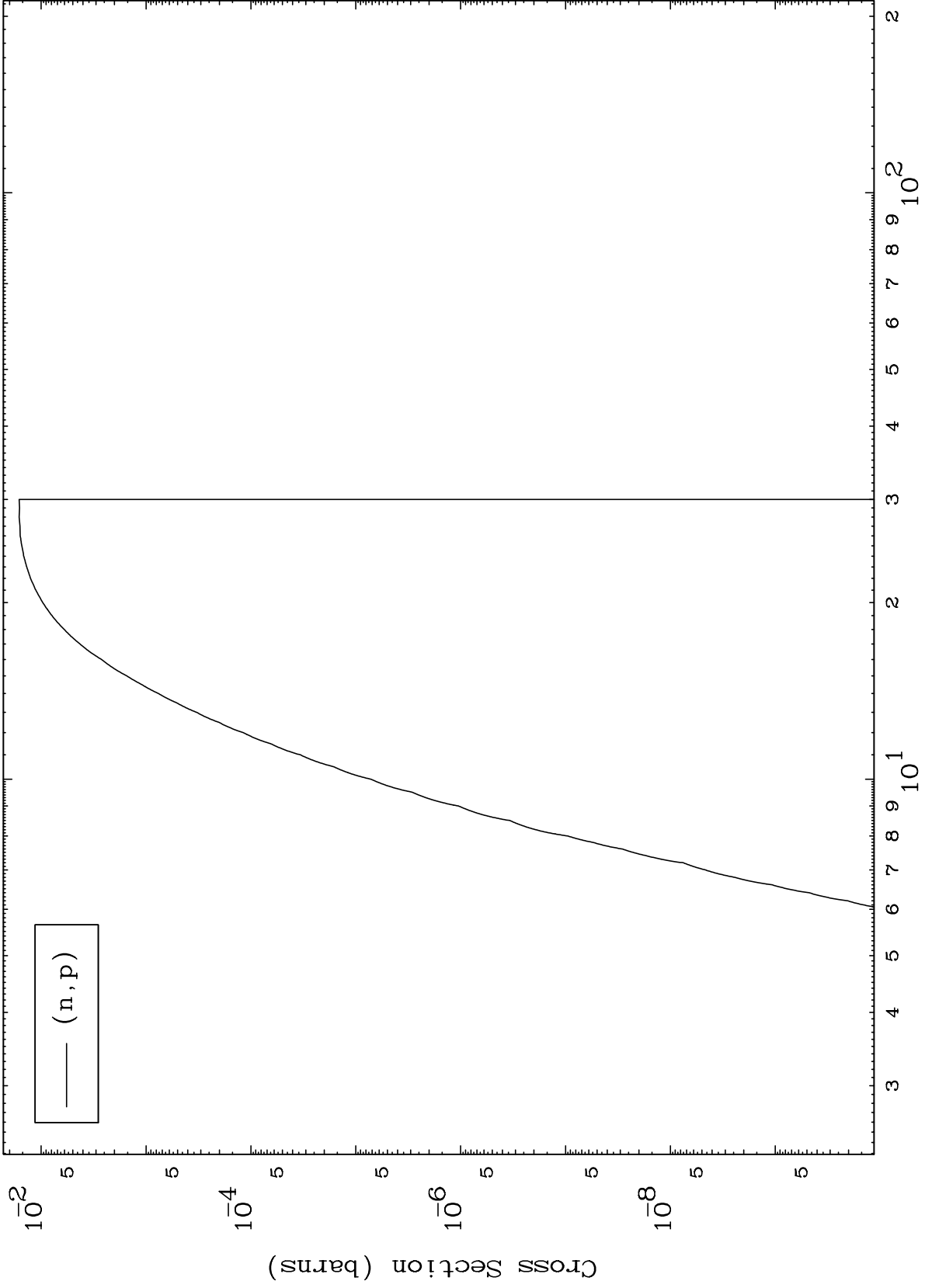
293 Kelvin Cross Sections



MAT 7843

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-196



10

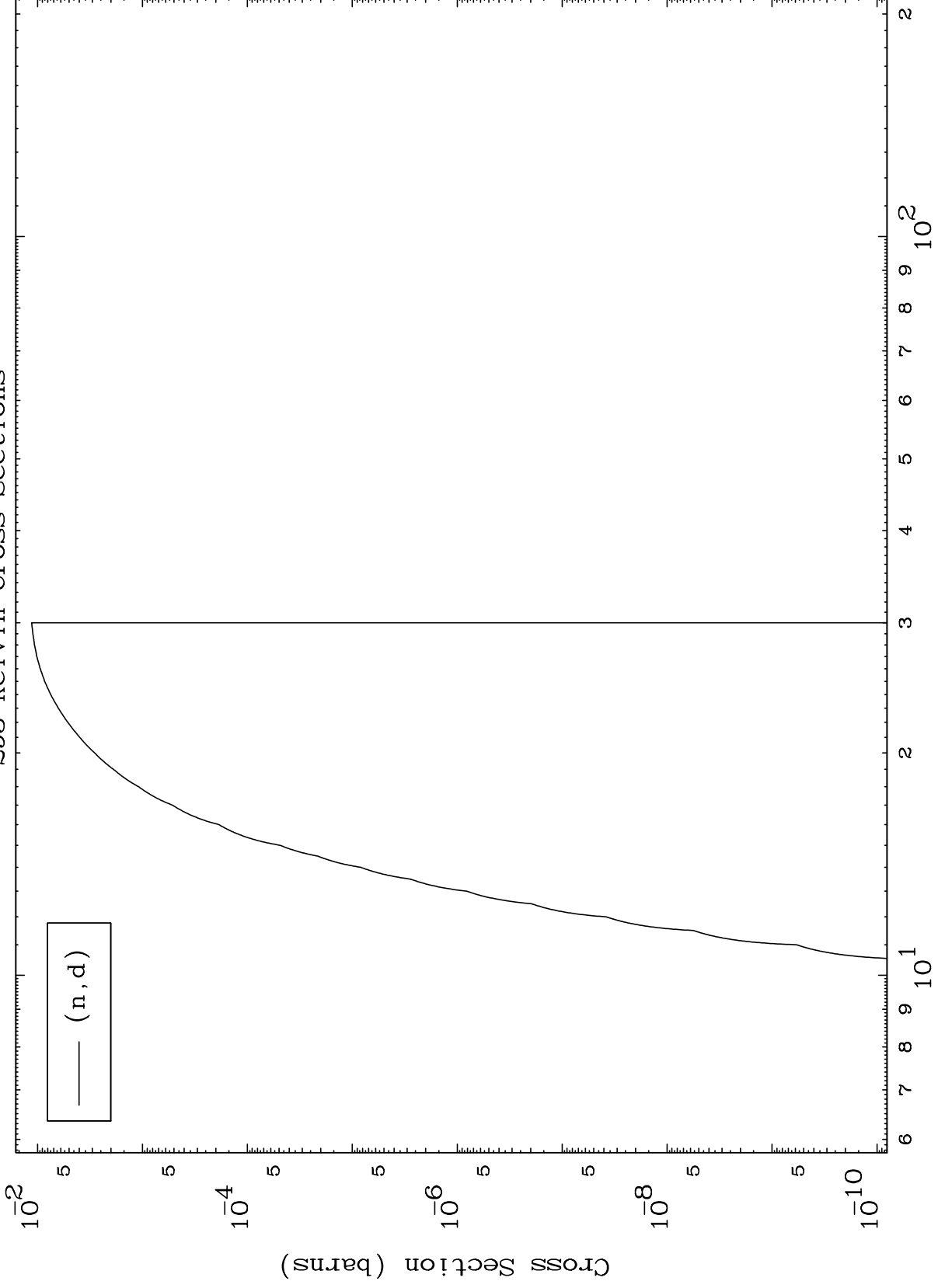
Incident Energy (MeV)

78-Pt-196

MAT 7843

(n,d) Levels
293 Kelvin Cross Sections

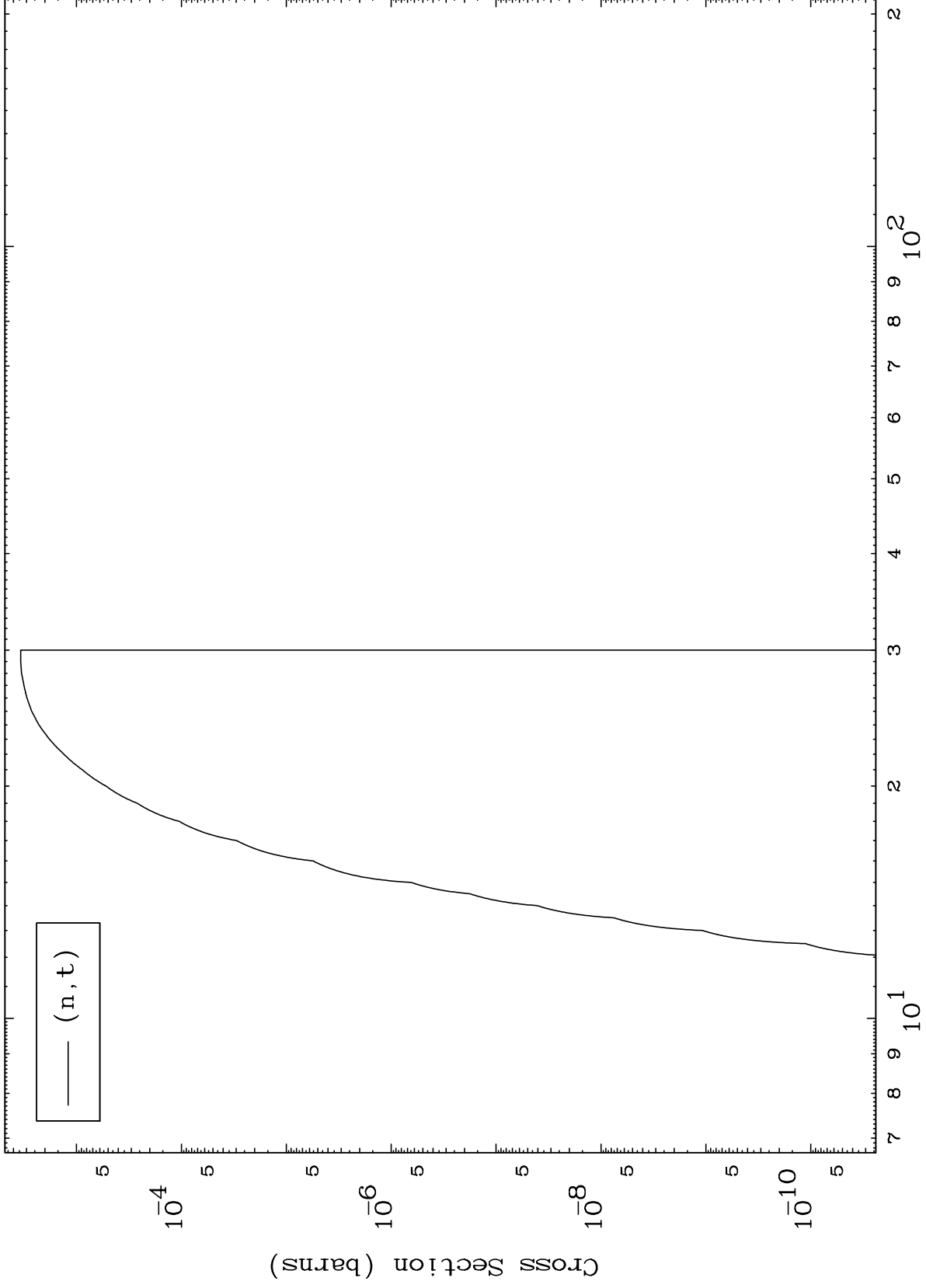
78-Pt-196



MAT 7843

(n,t) Levels
293 Kelvin Cross Sections

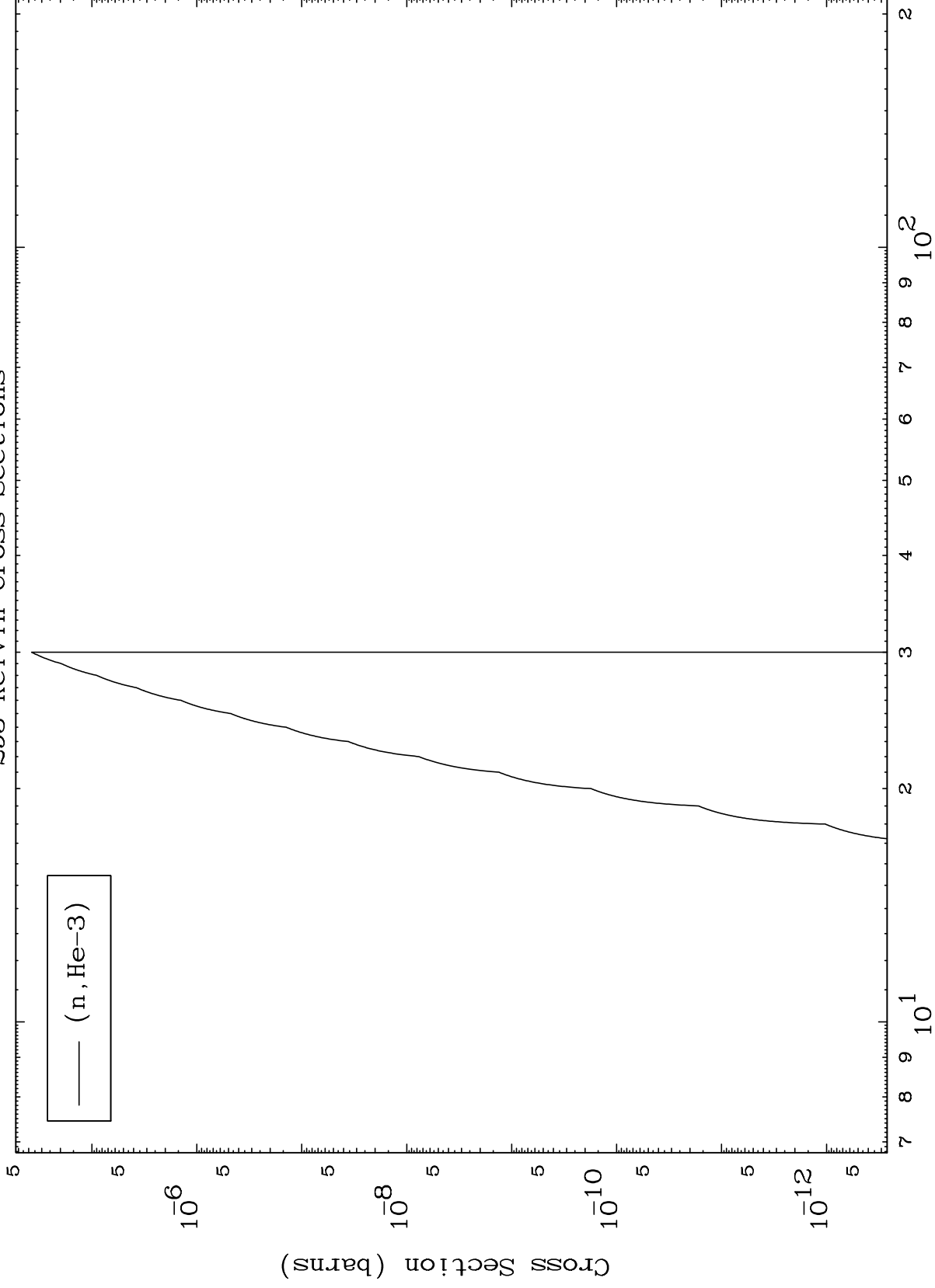
78-Pt-196



12

Incident Energy (MeV)

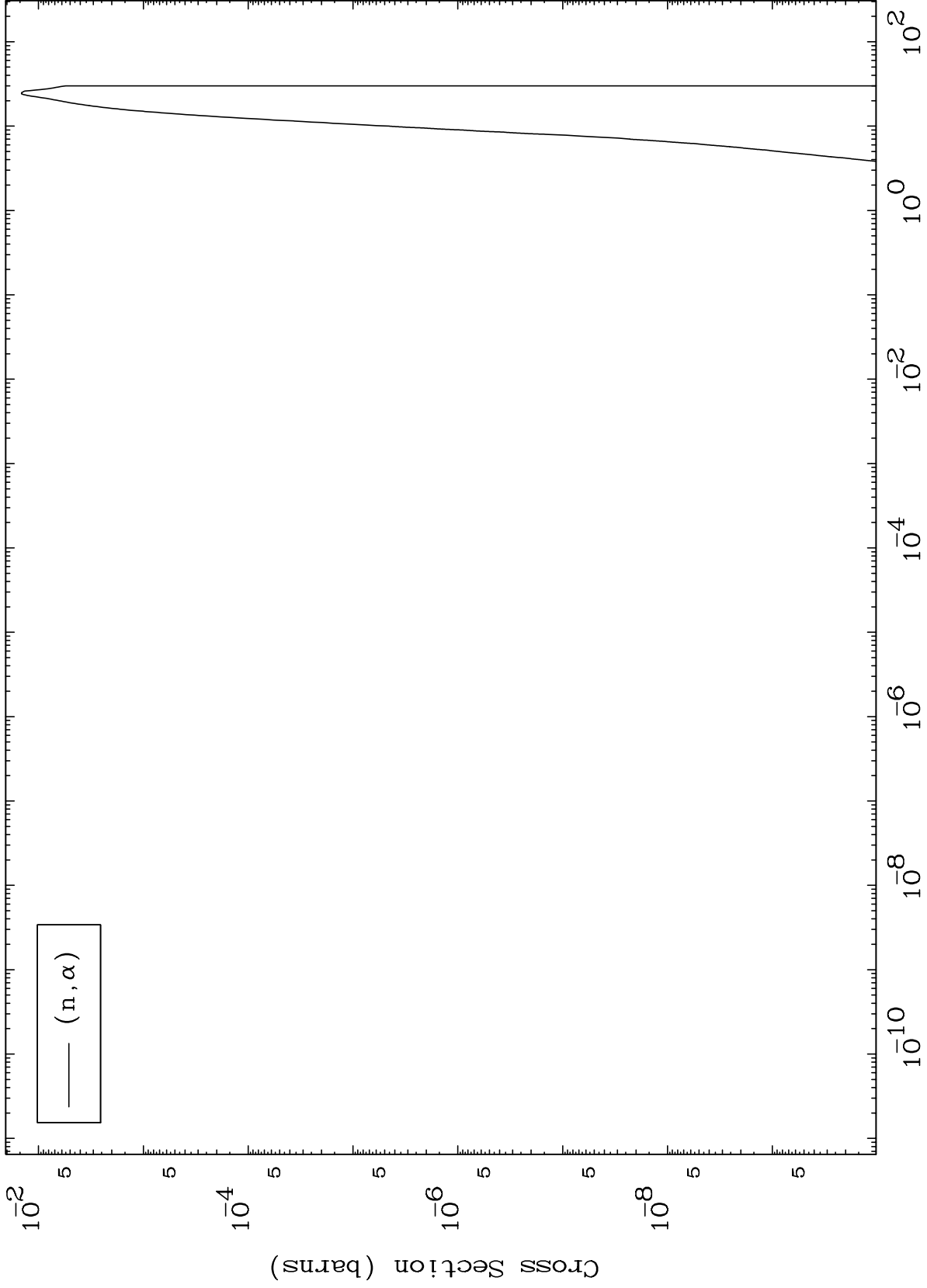
78-Pt-196



MAT 7843

(n, α) Levels
293 Kelvin Cross Sections

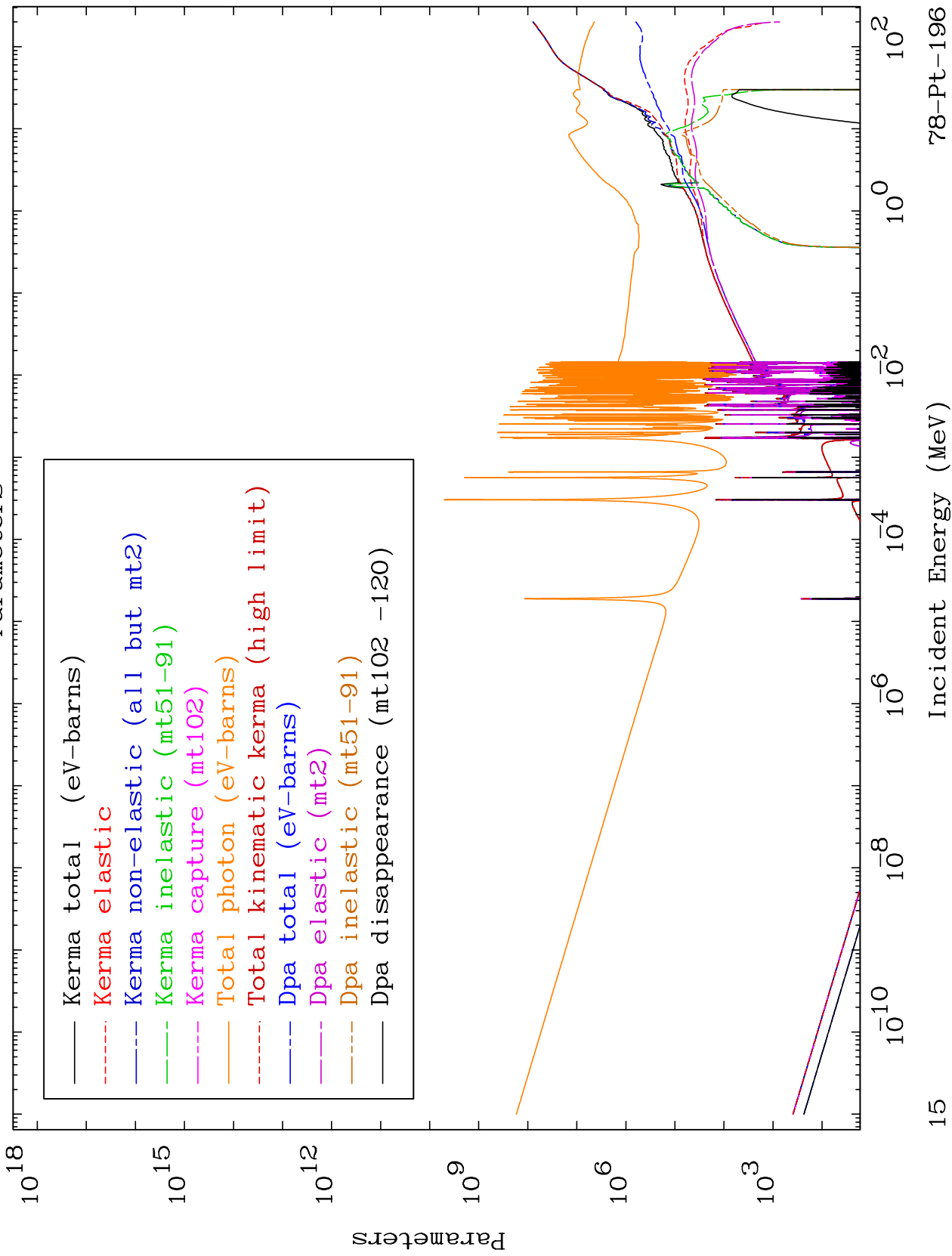
78-Pt-196



14

Incident Energy (MeV)

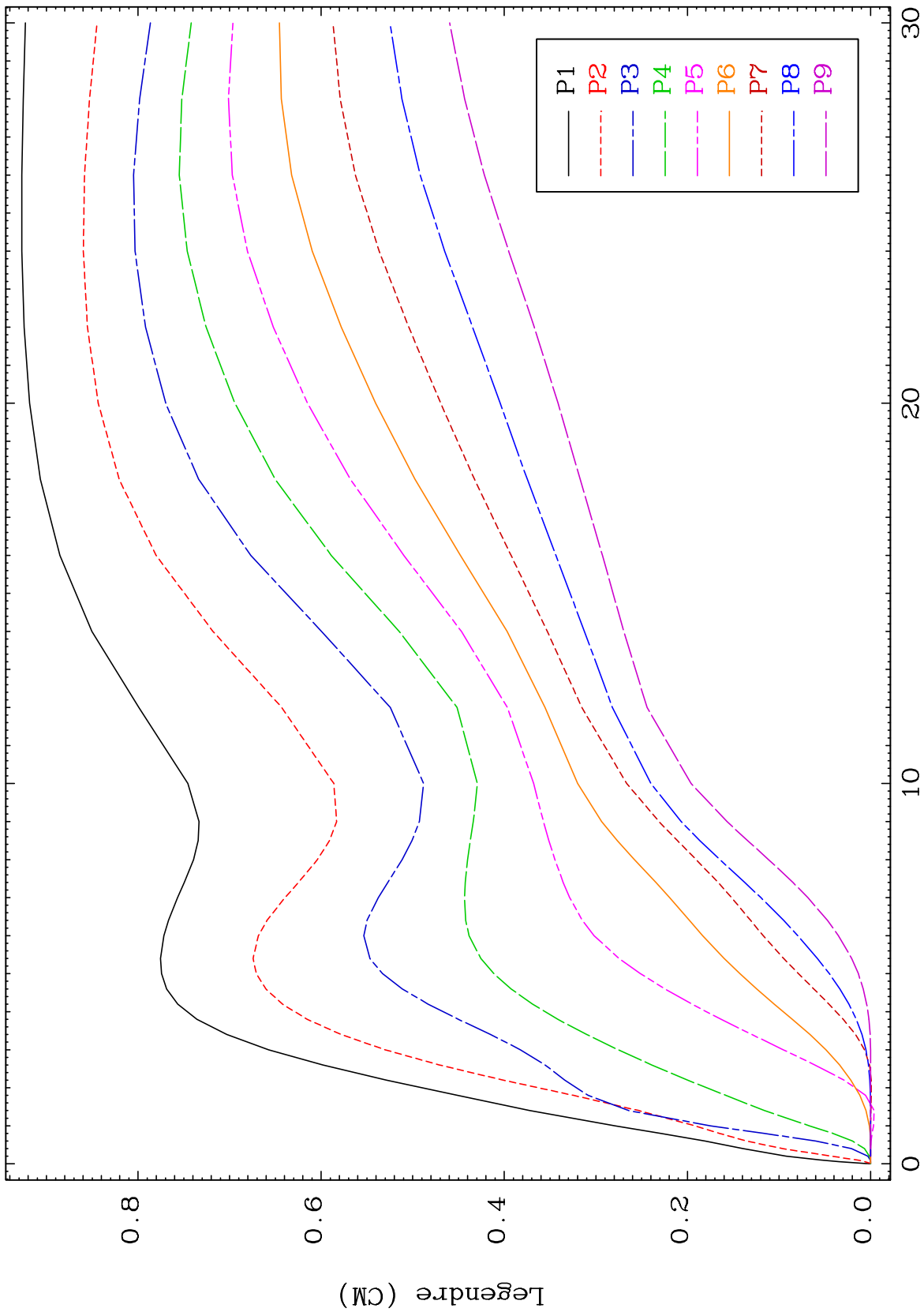
78-Pt-196



MAT 7843

78-Pt-196

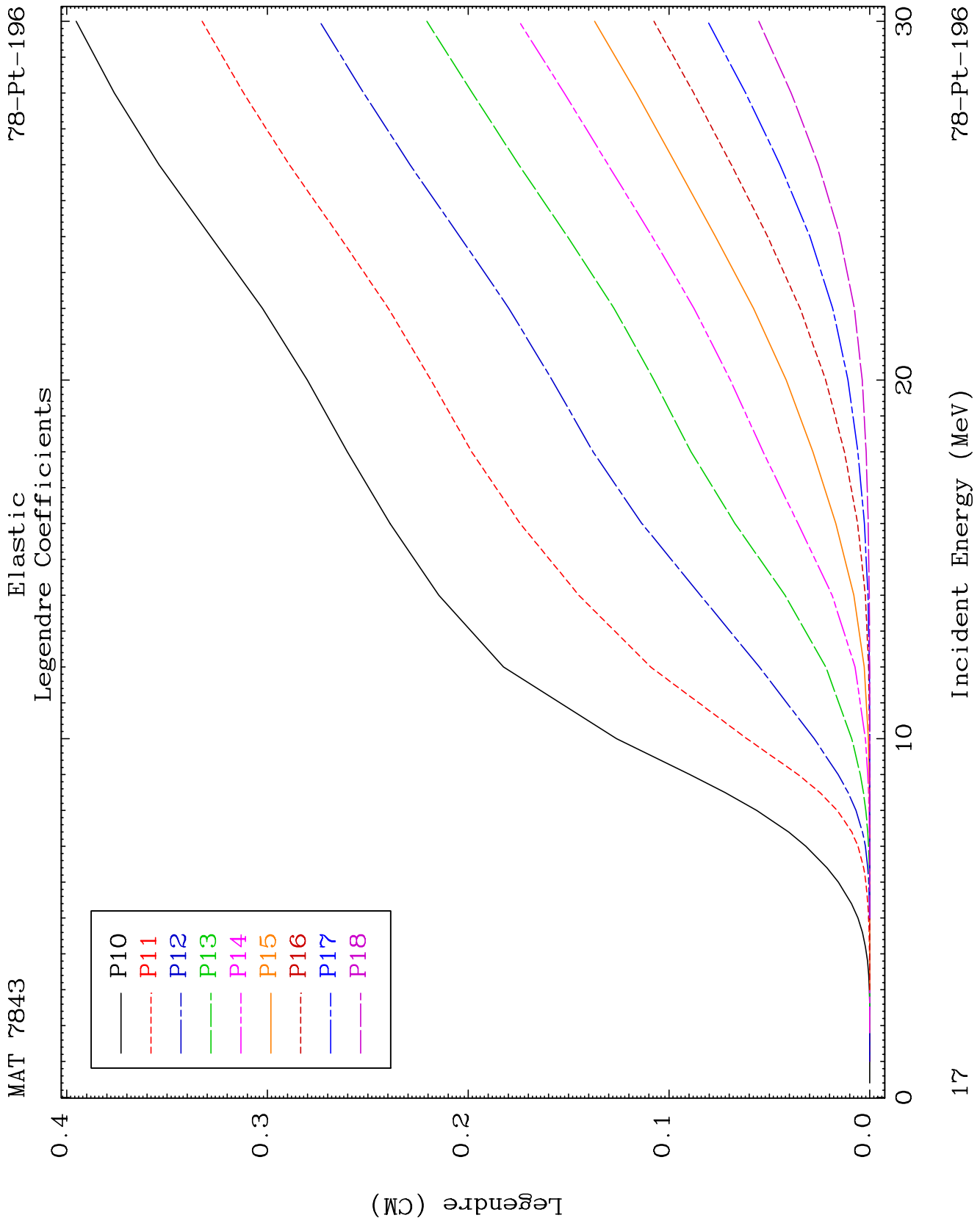
Elastic Legendre Coefficients



78-Pt-196

Incident Energy (MeV)

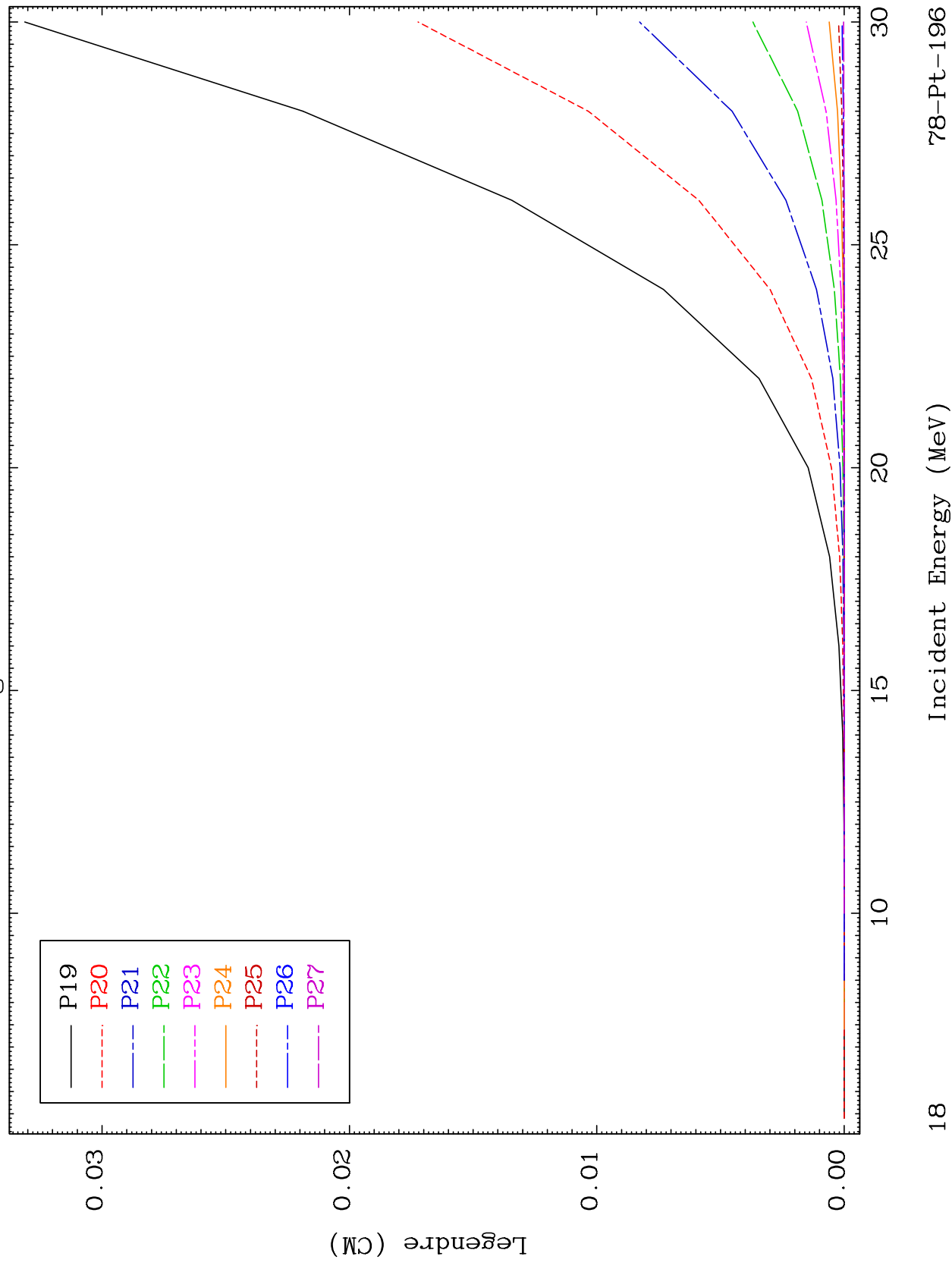
16



MAT 7843

Elastic Legendre Coefficients

78-Pt-196



18

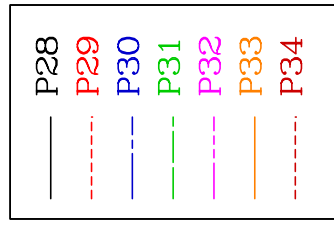
Incident Energy (MeV)

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

15

20

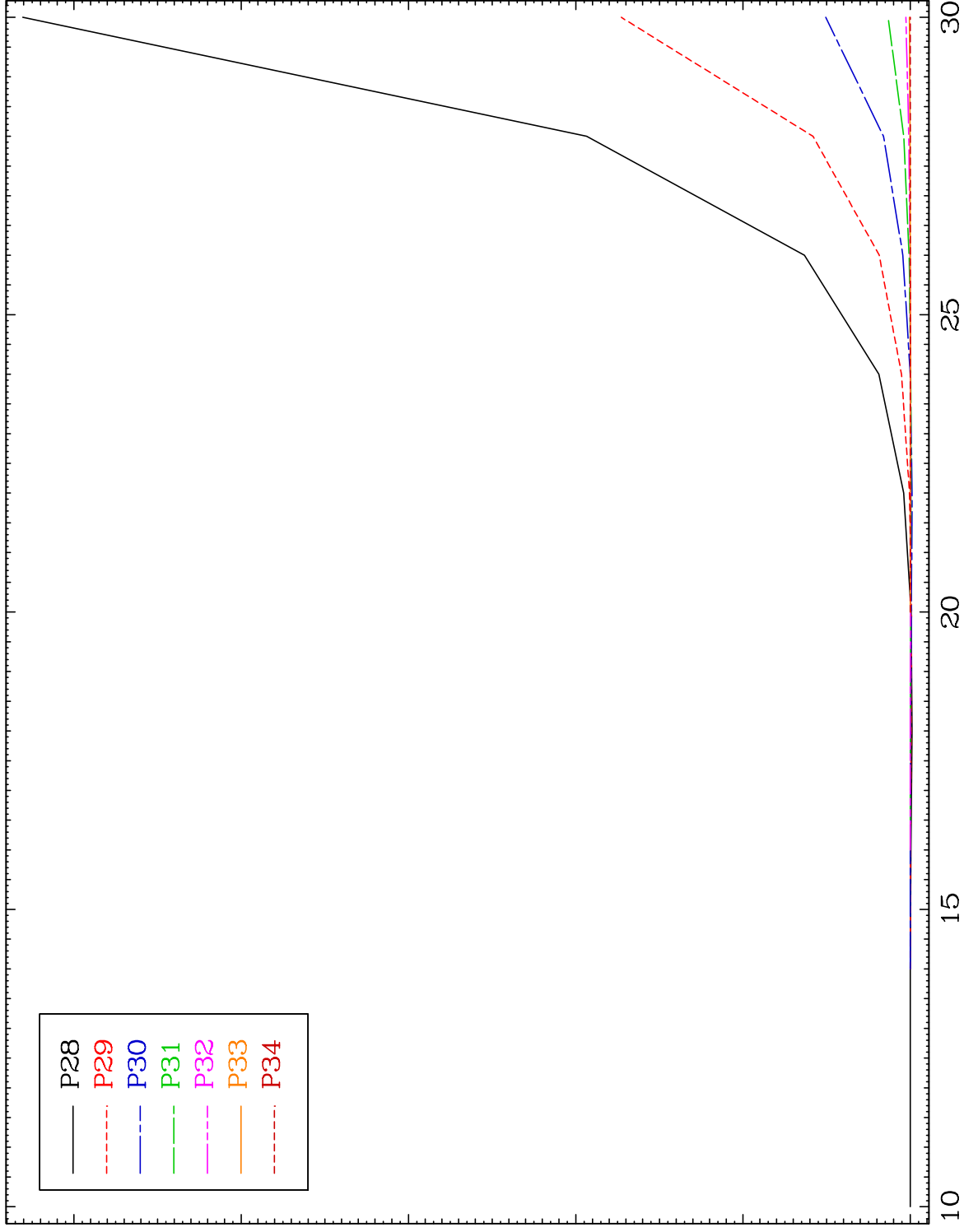
25

30

19

Incident Energy (MeV)

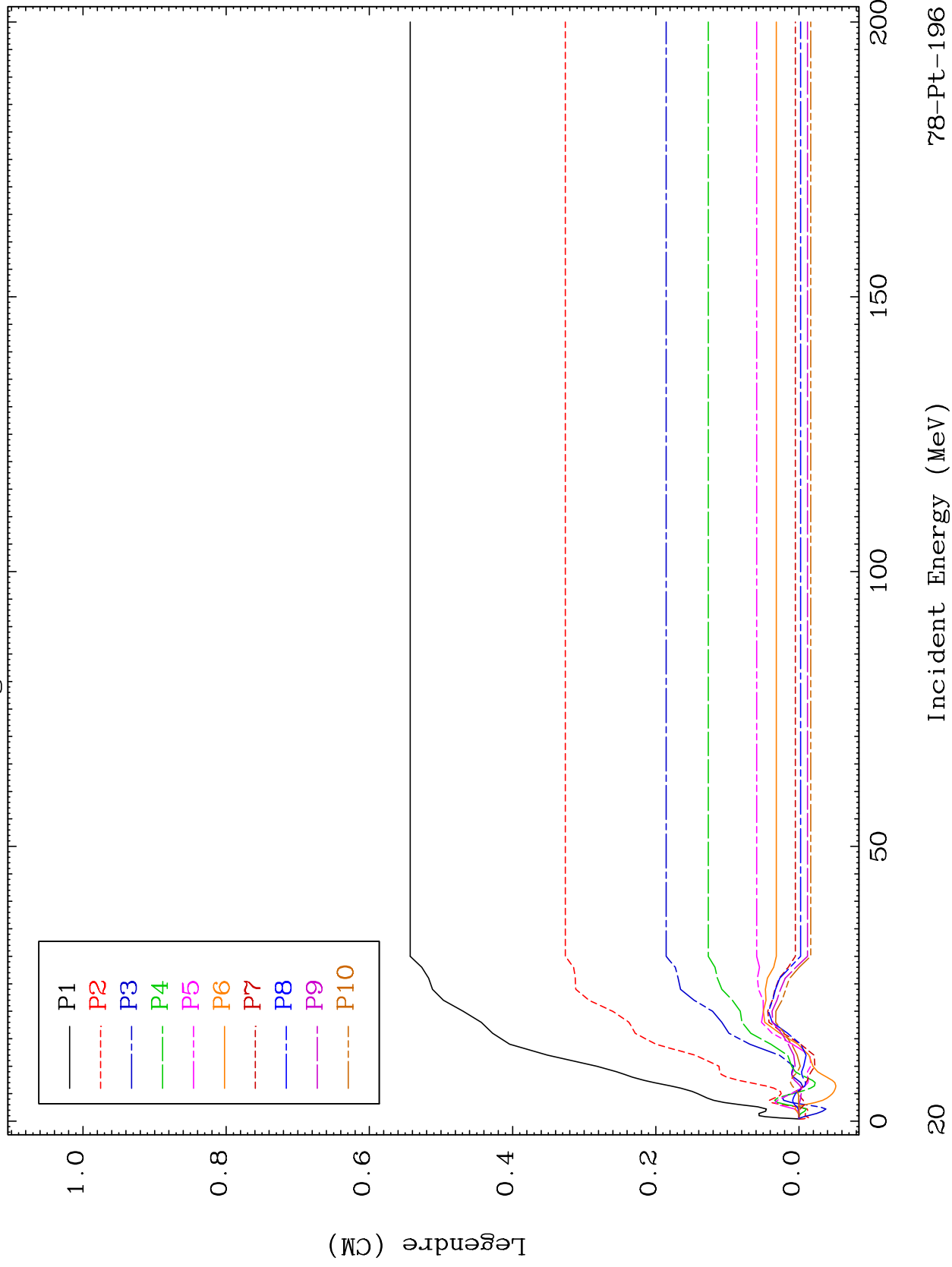
78-Pt-196



MAT 7843

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

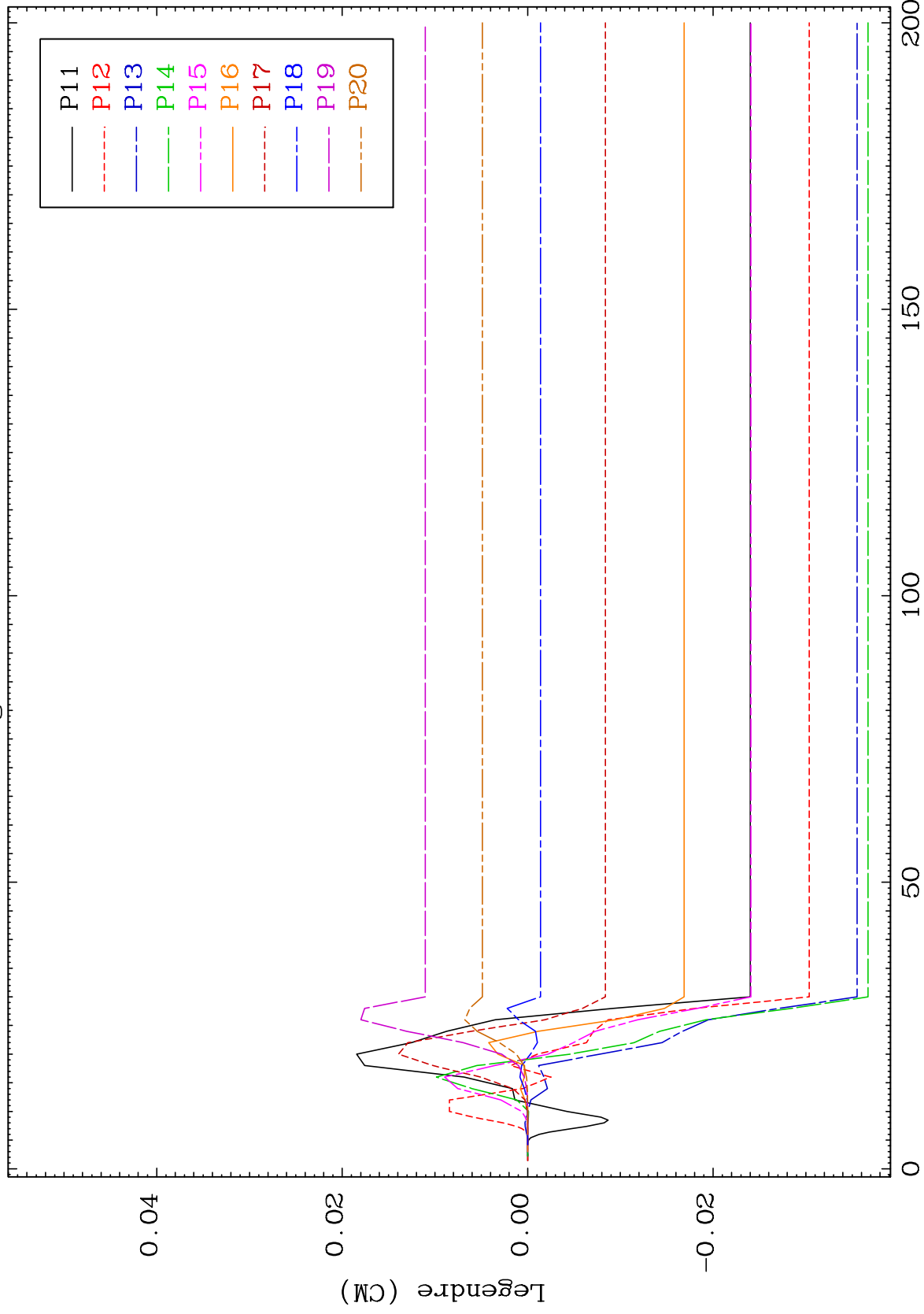
78-Pt-196



MAT 7843

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

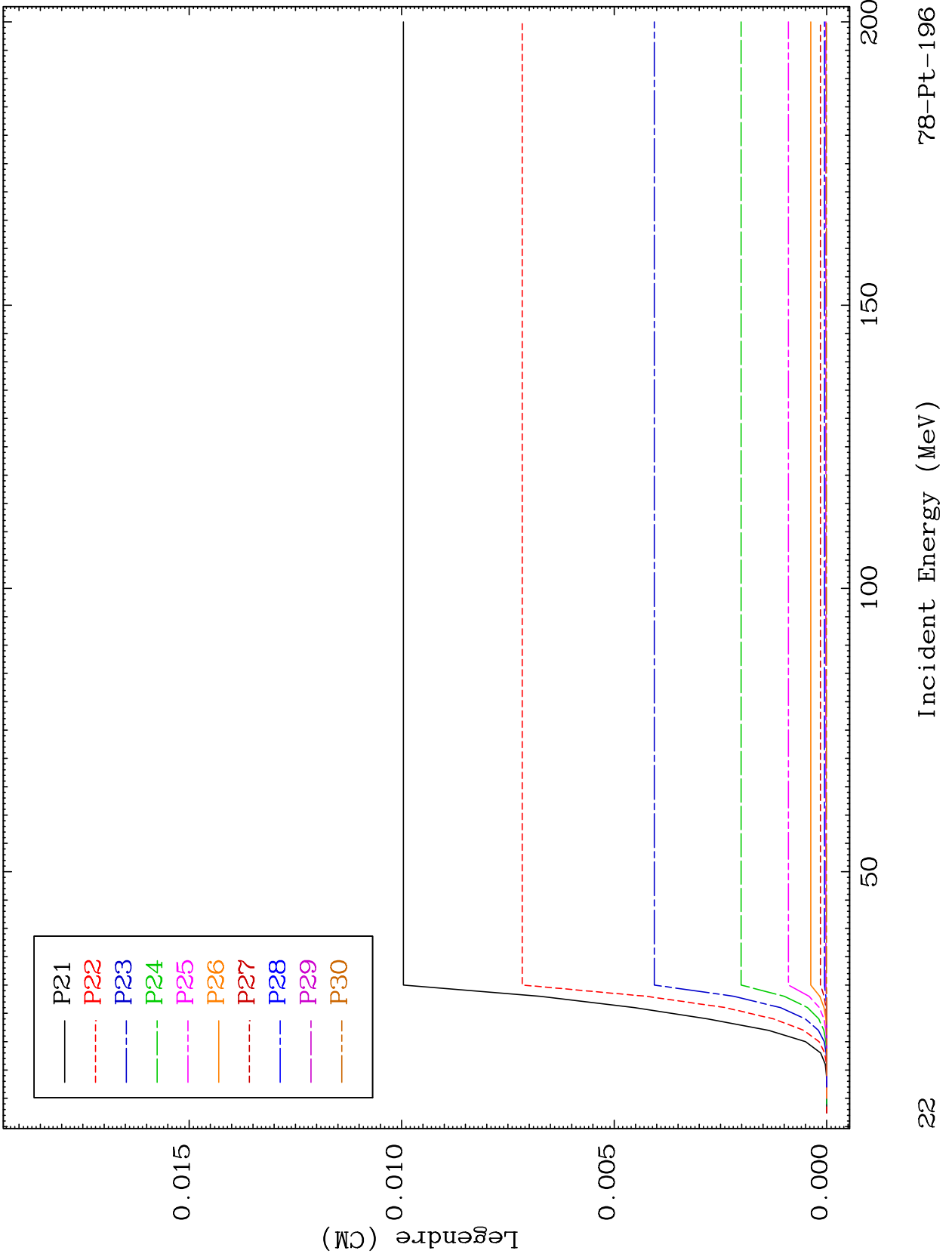
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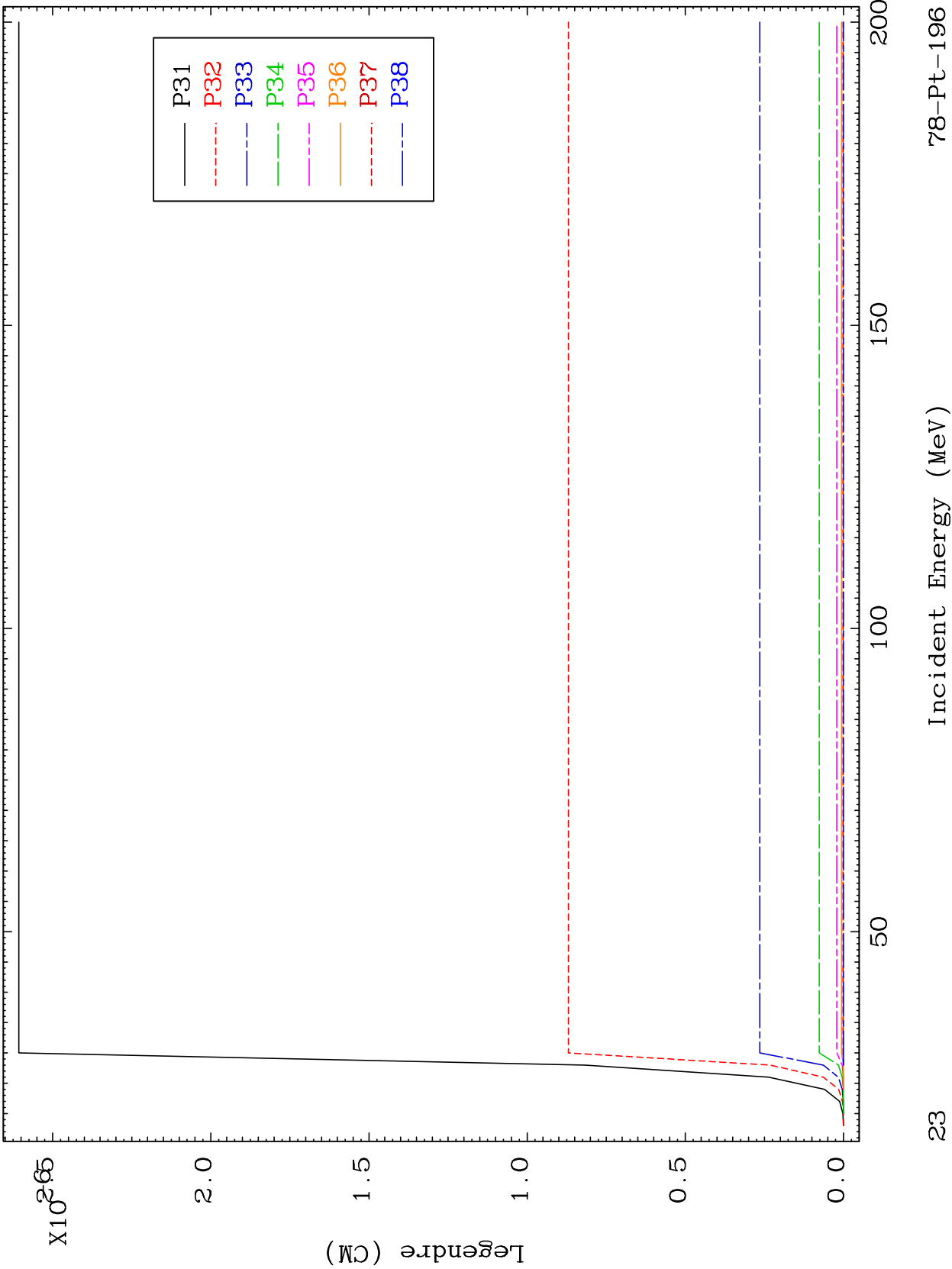


21

Incident Energy (MeV)

78-Pt-196

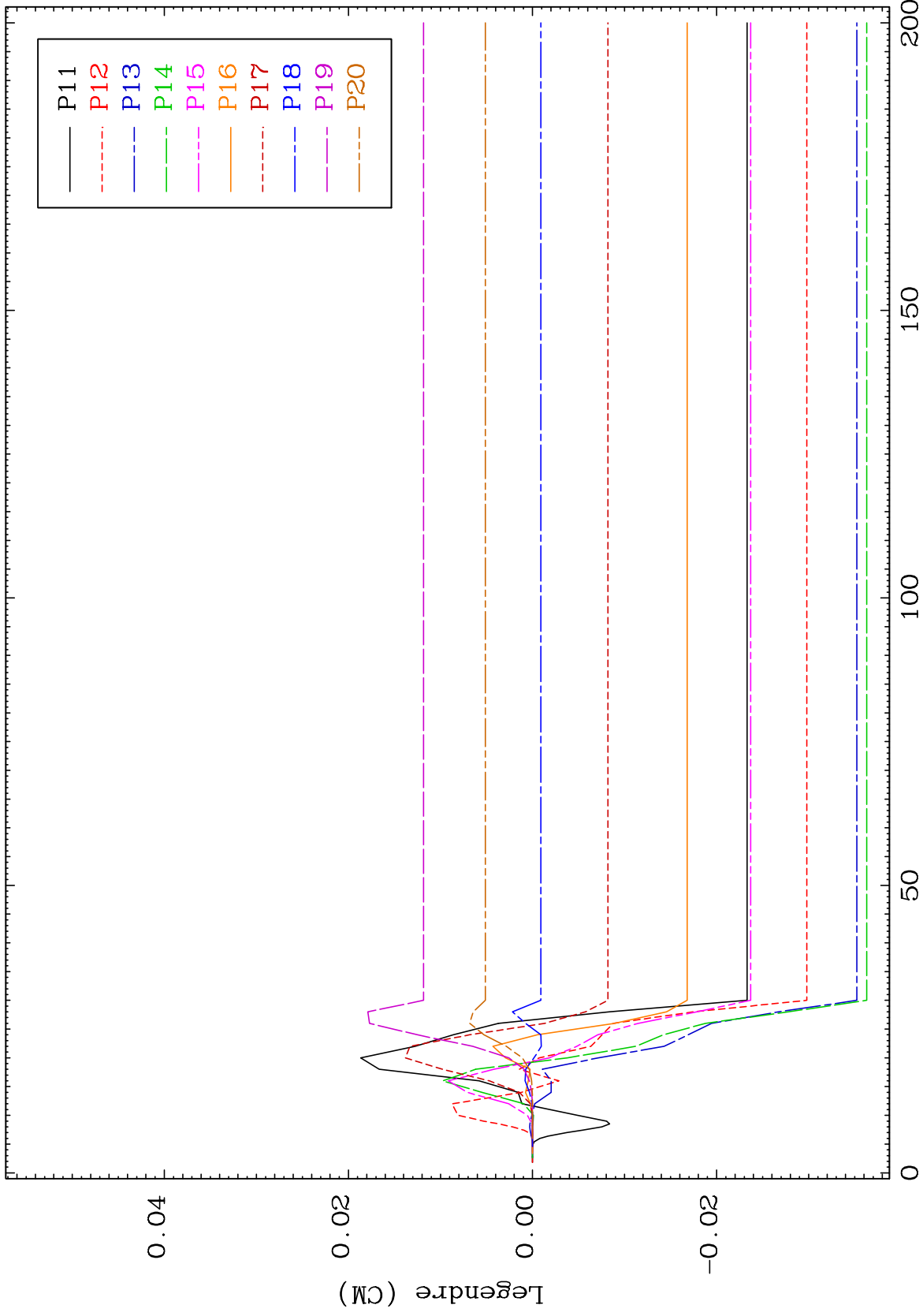




MAT 7843

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

78-Pt-196



25

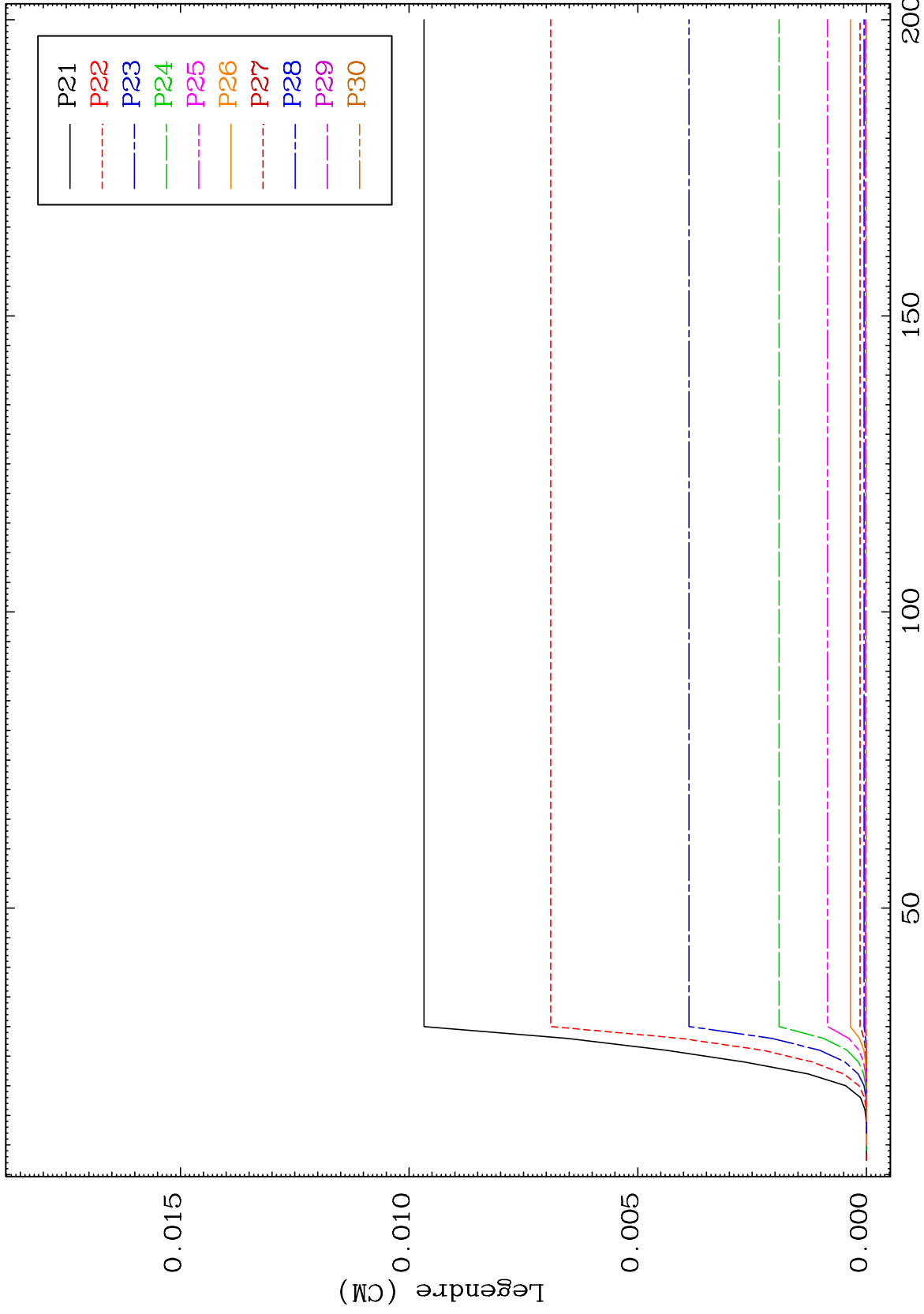
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



26

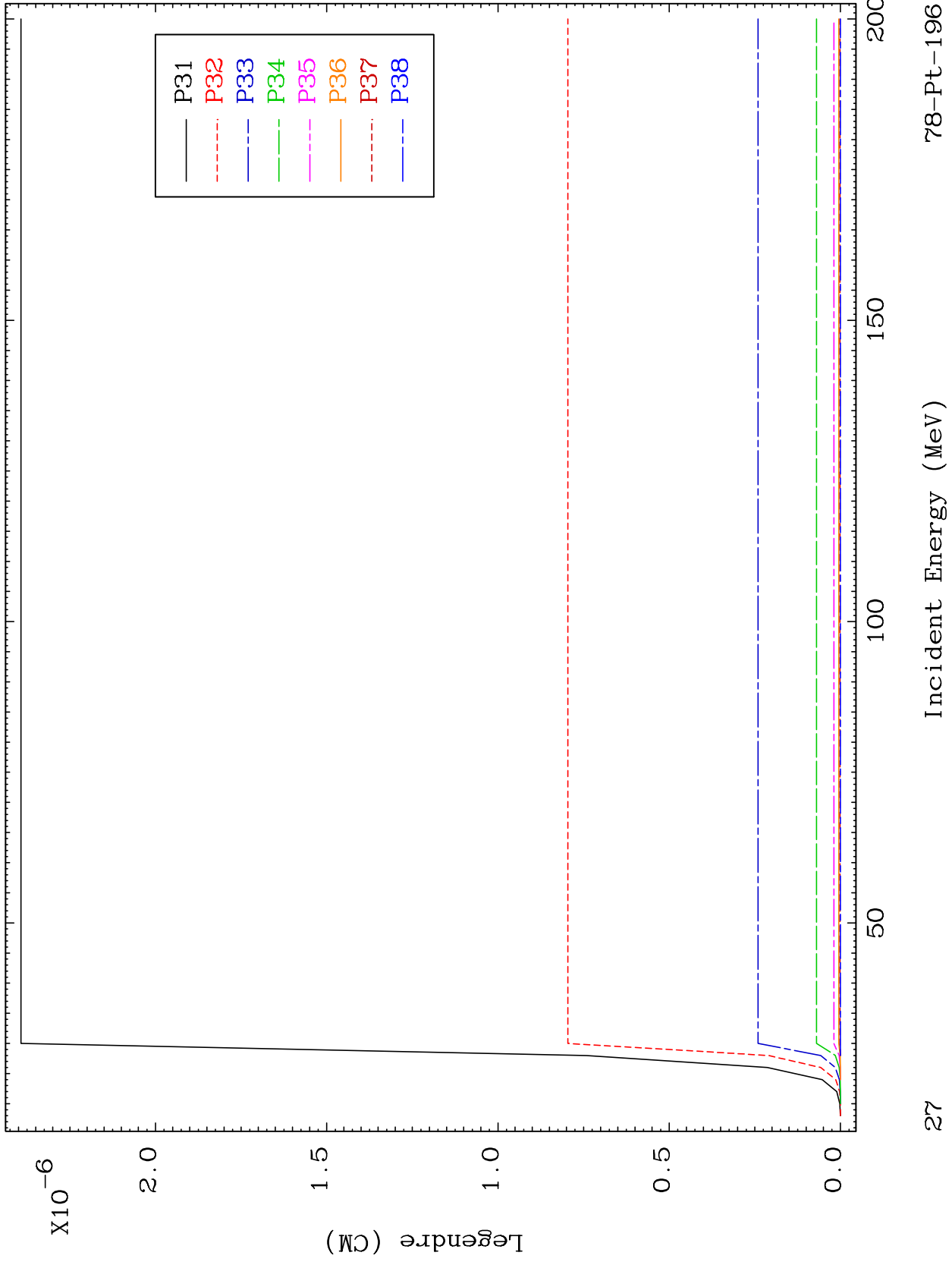
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

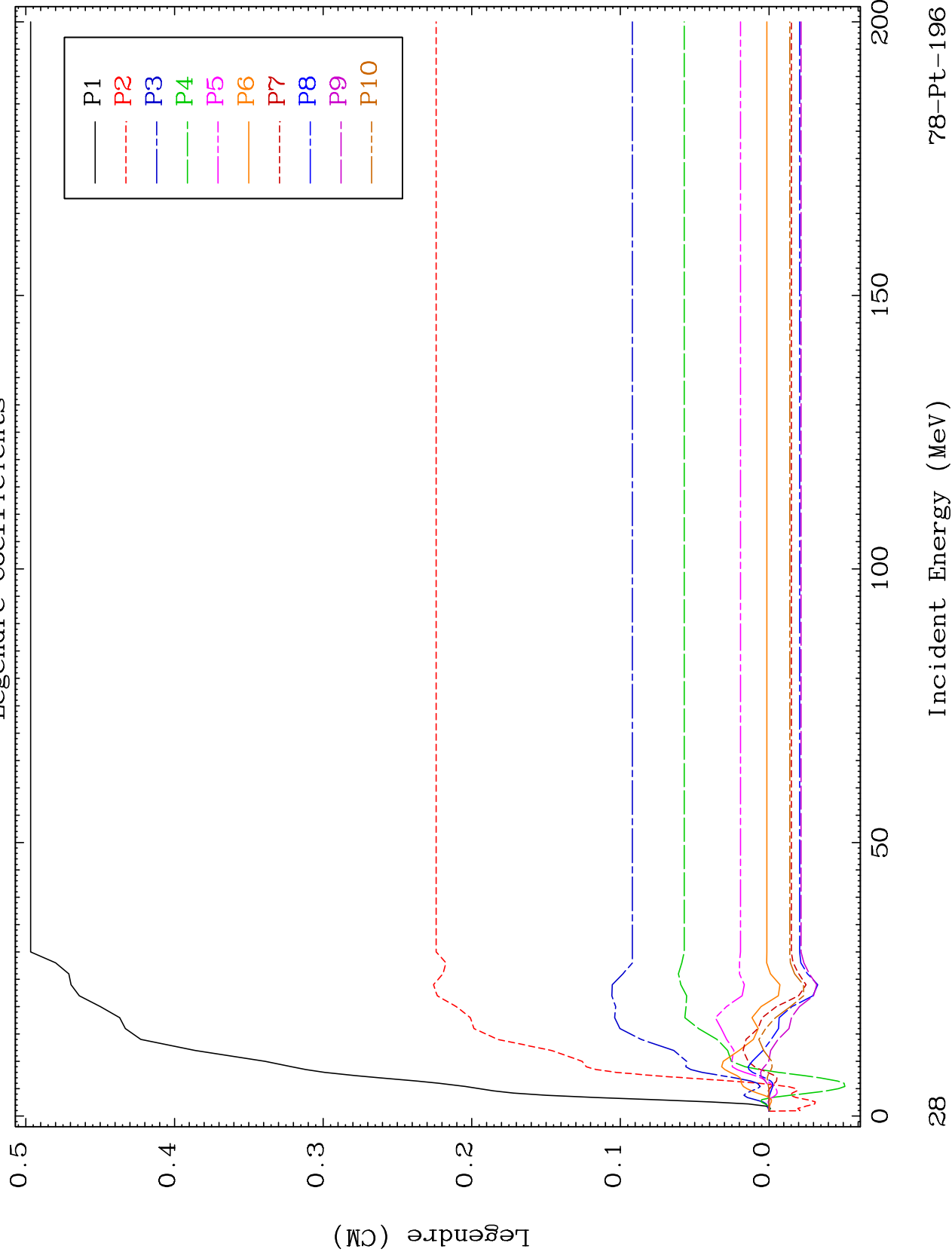
78-Pt-196



MAT 7843

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

78-Pt-196



78-Pt-196

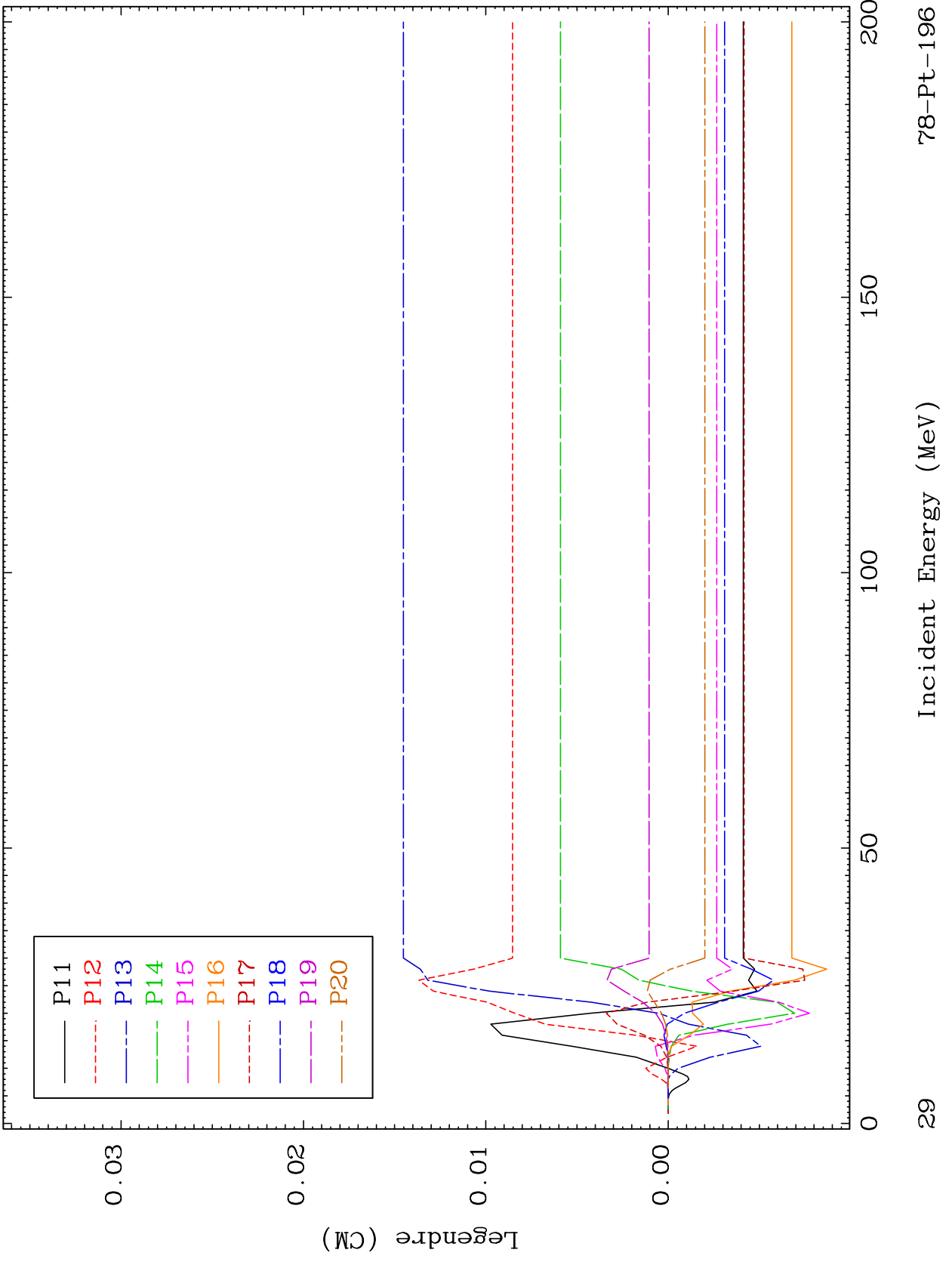
Incident Energy (MeV)

28

MAT 7843

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

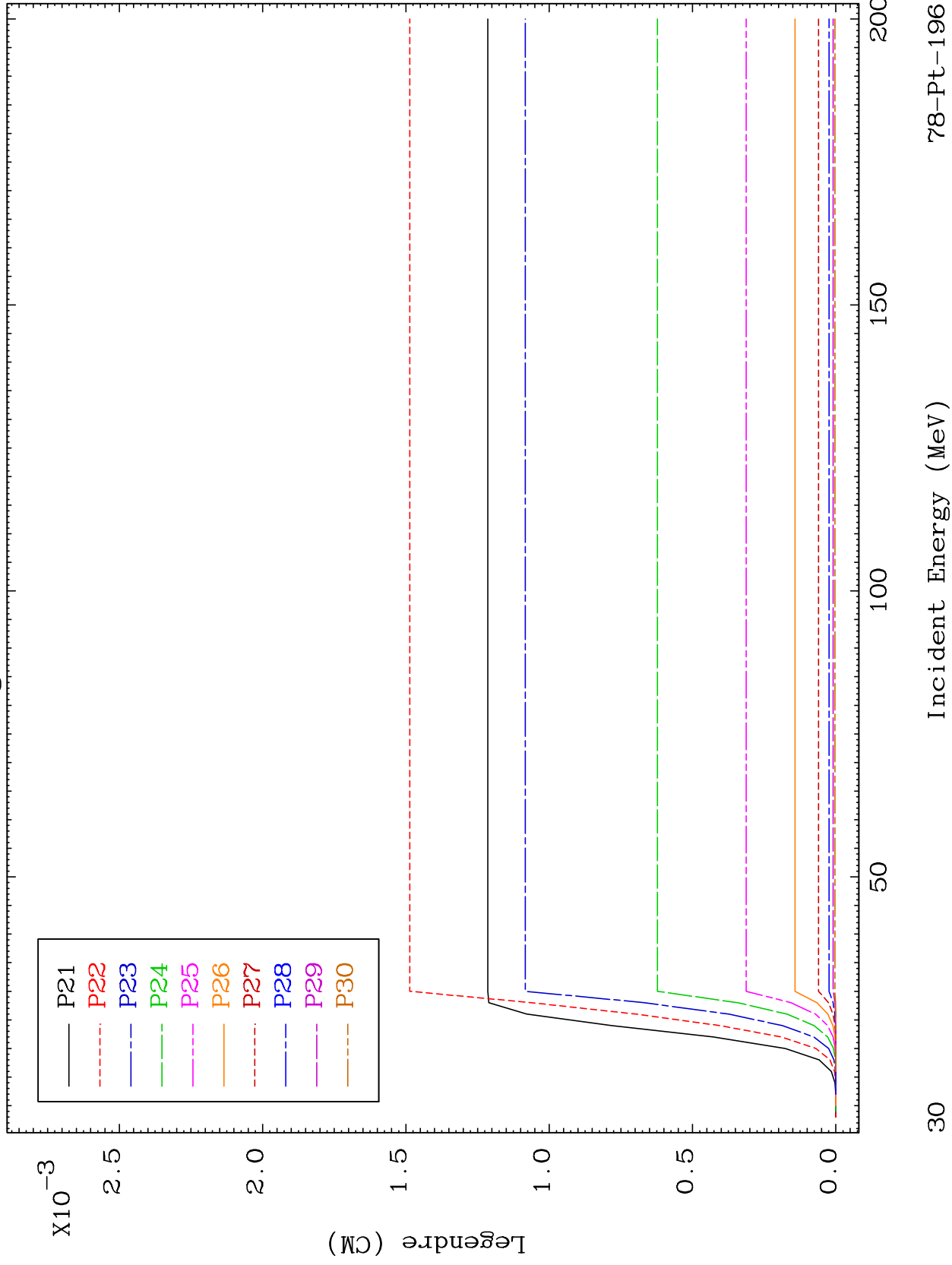
78-Pt-196



MAT 7843

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

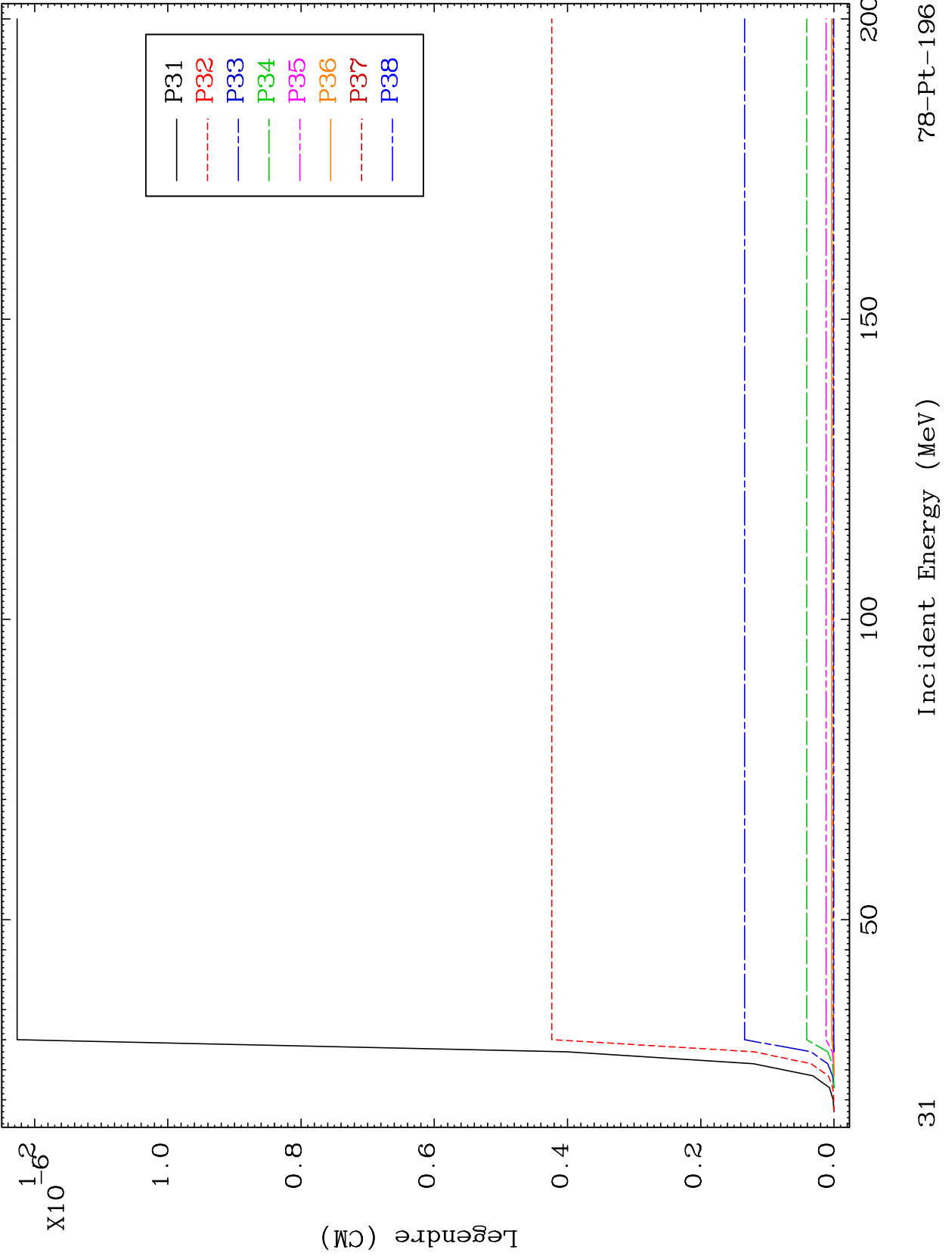
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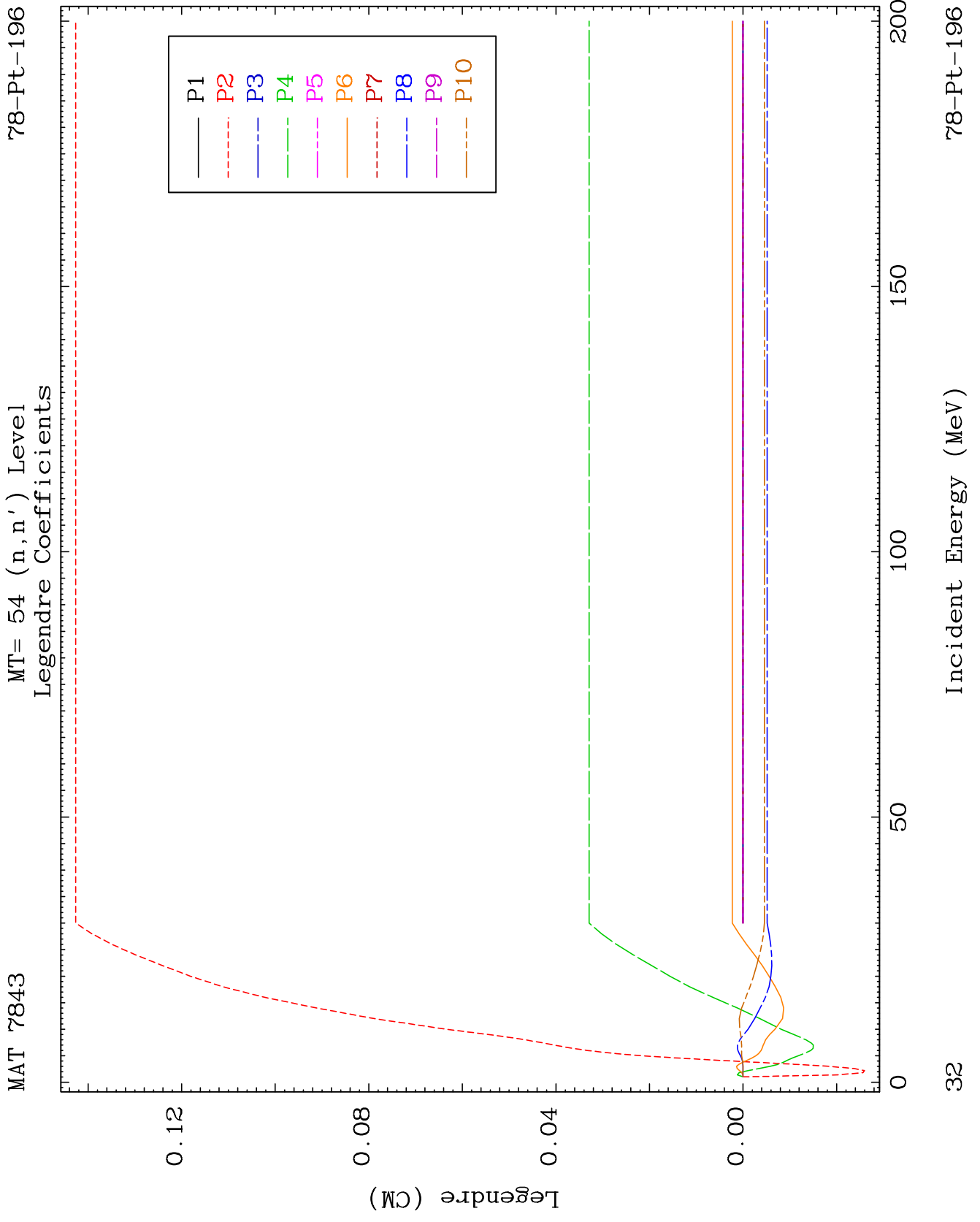


30

Incident Energy (MeV)

78-Pt-196

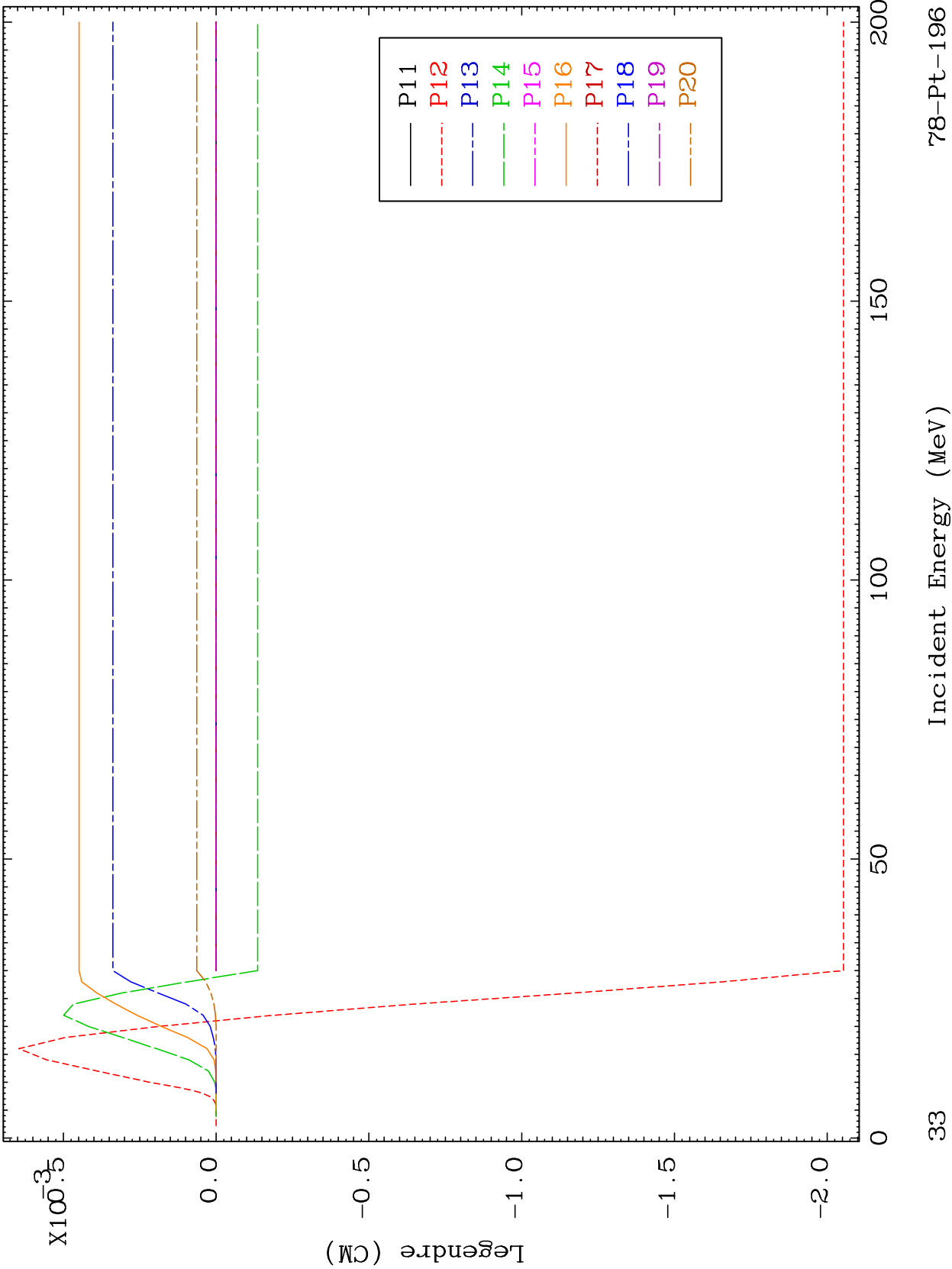




MAT 7843

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

78-Pt-196



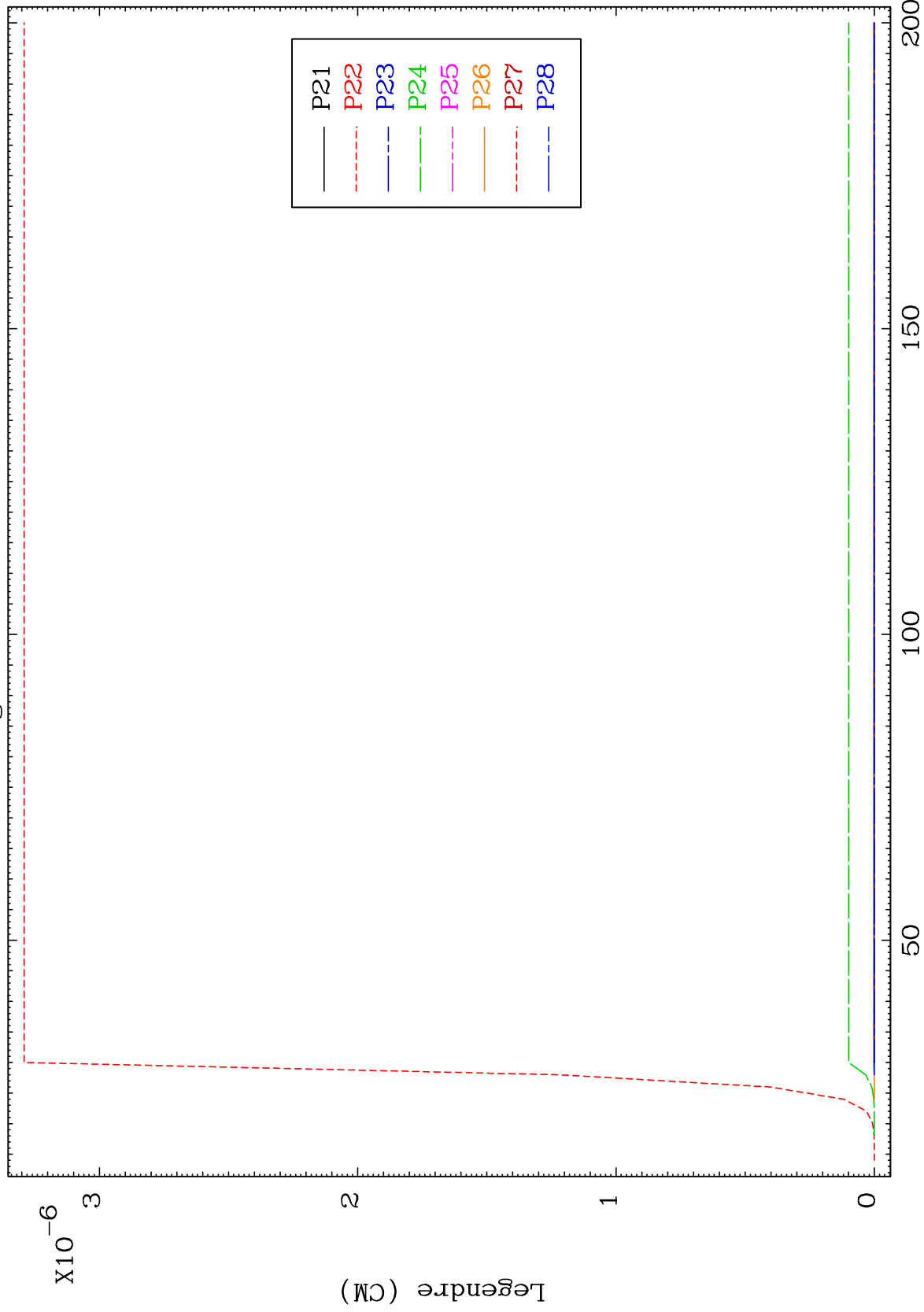
33

78-Pt-196

MAT 7843

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

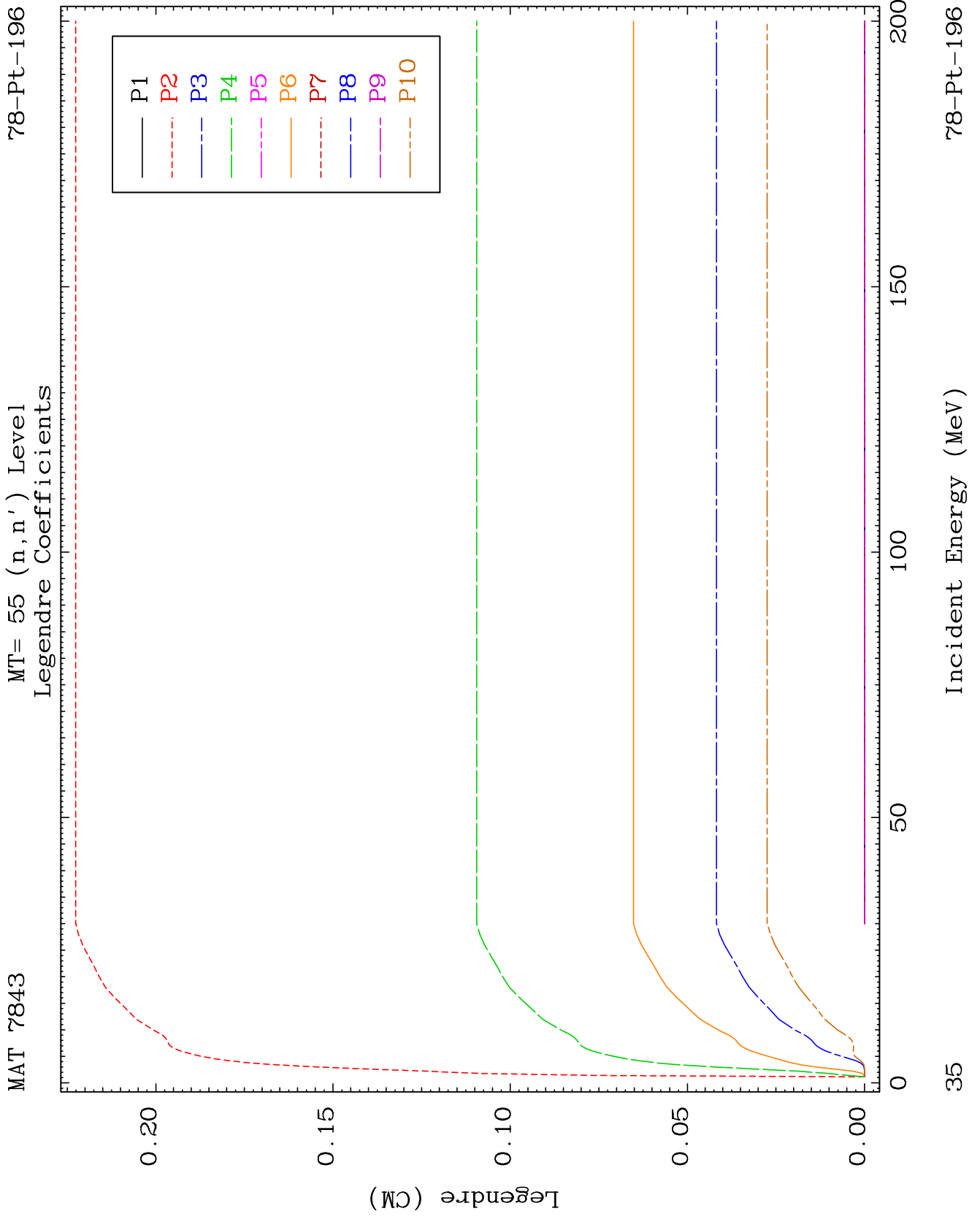
78-Pt-196



34

Incident Energy (MeV)

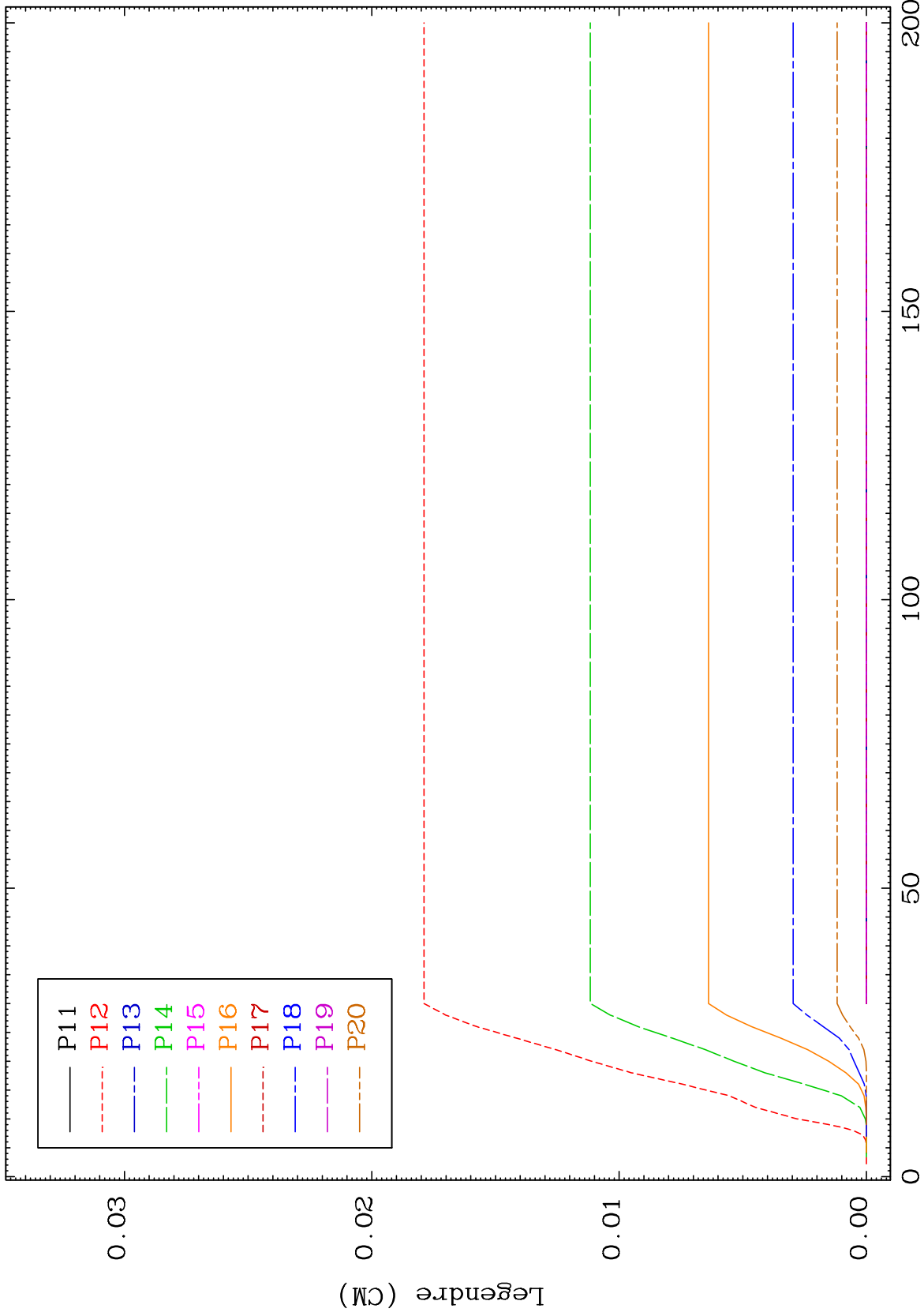
78-Pt-196



MAT 7843

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

78-Pt-196



36

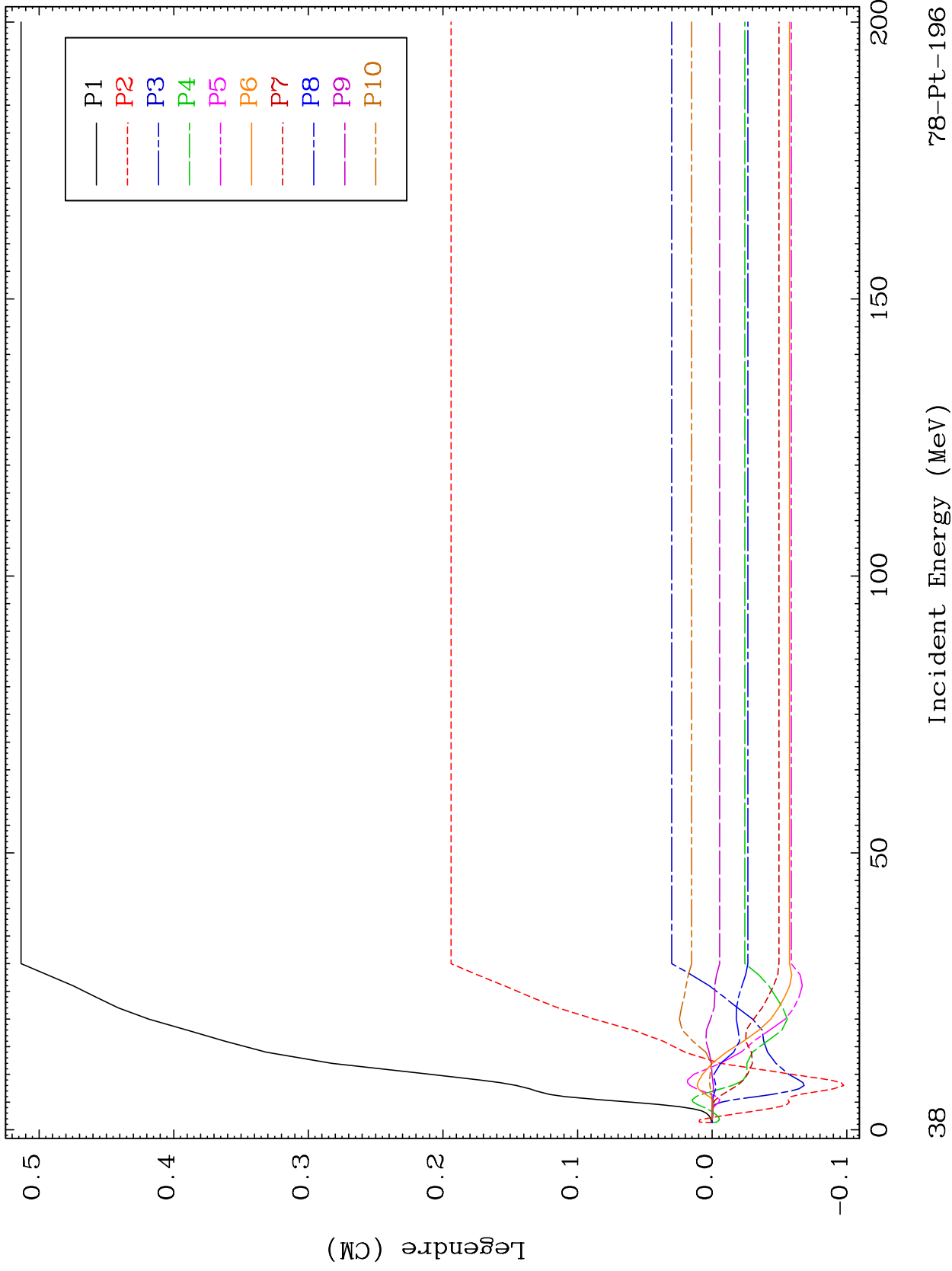
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



78-Pt-196

Incident Energy (MeV)

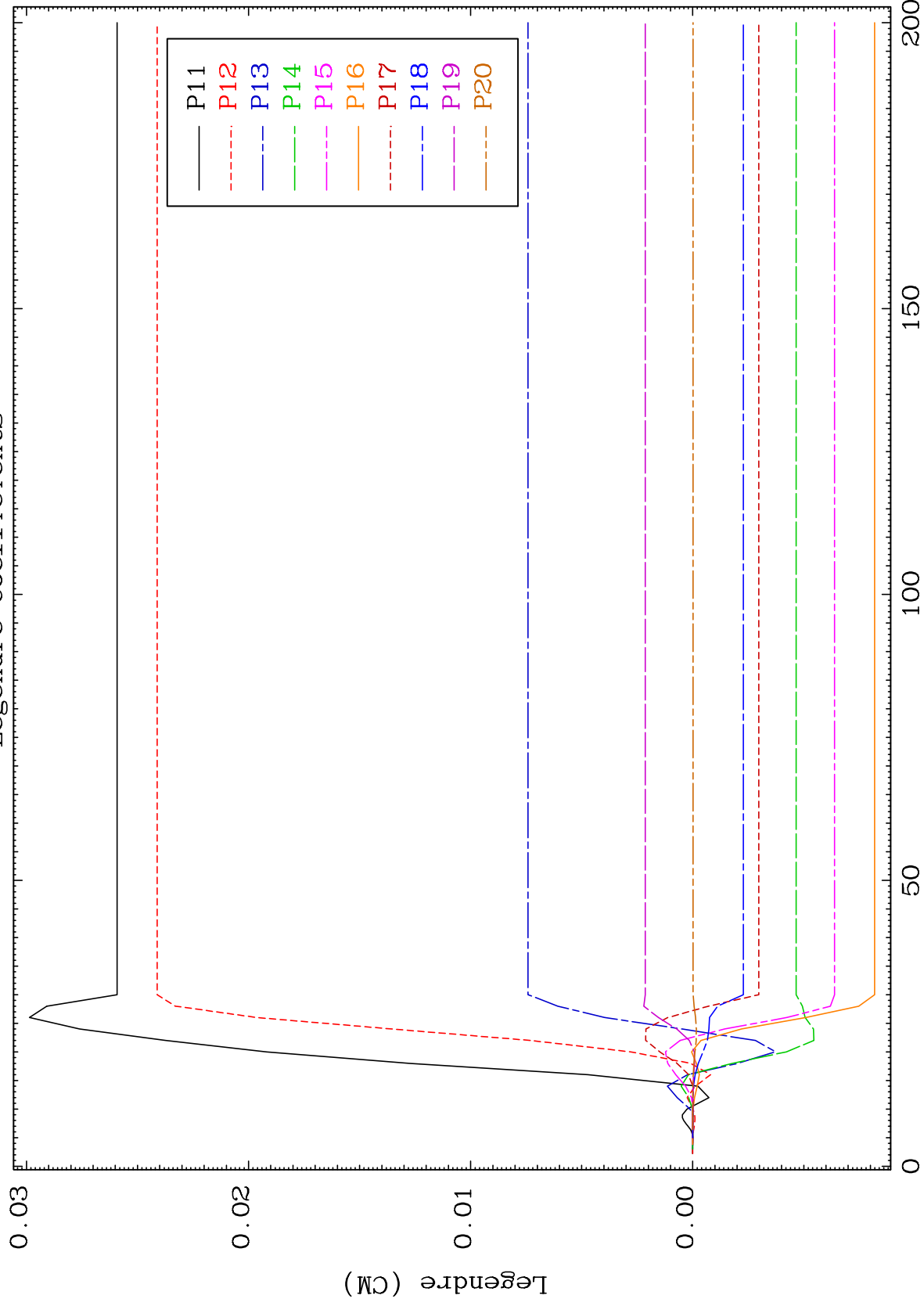
38

MAT 7843

MT= 56 (n,n') Level

78-Pt-196

Legendre Coefficients



39

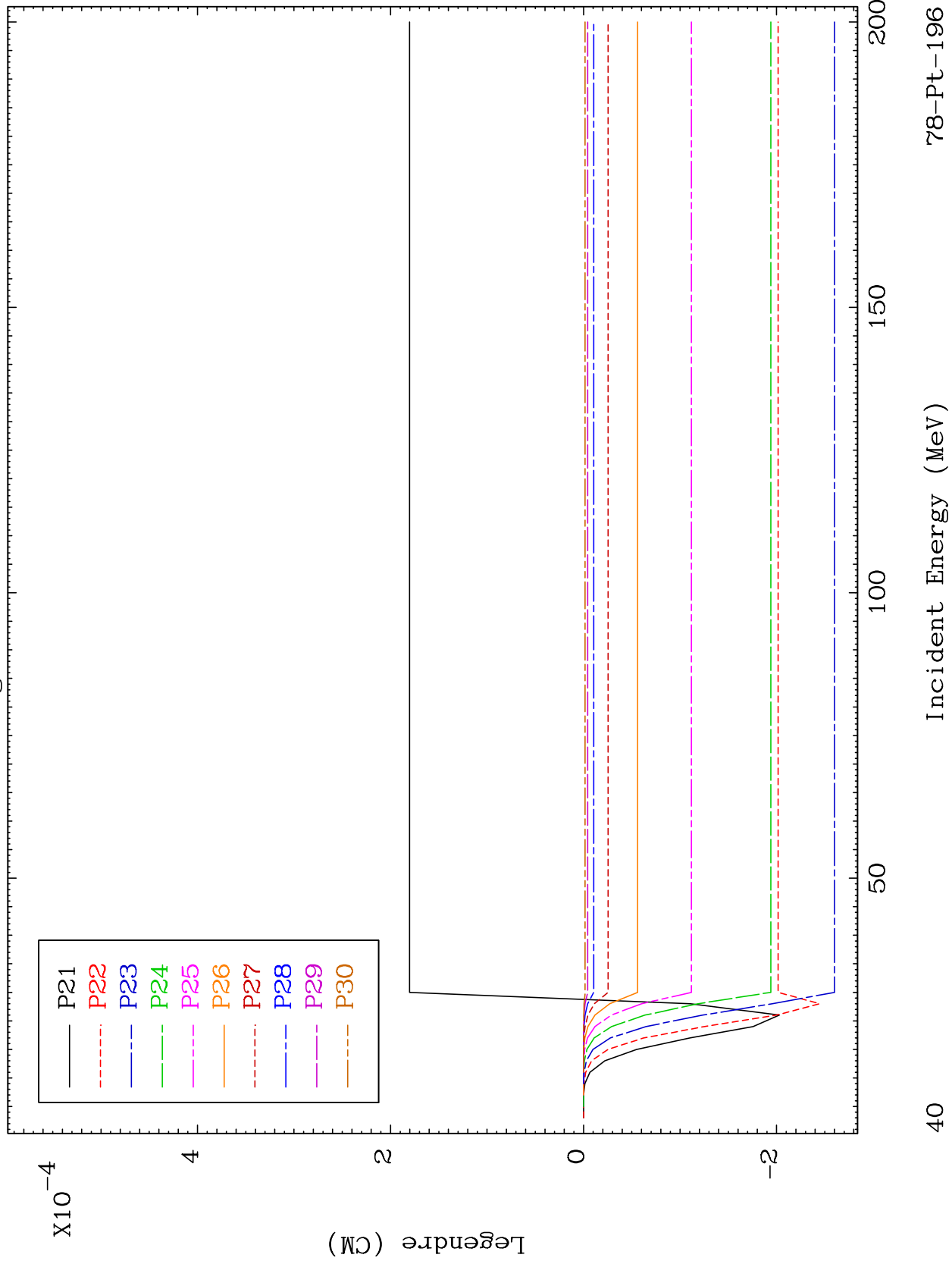
Incident Energy (MeV)

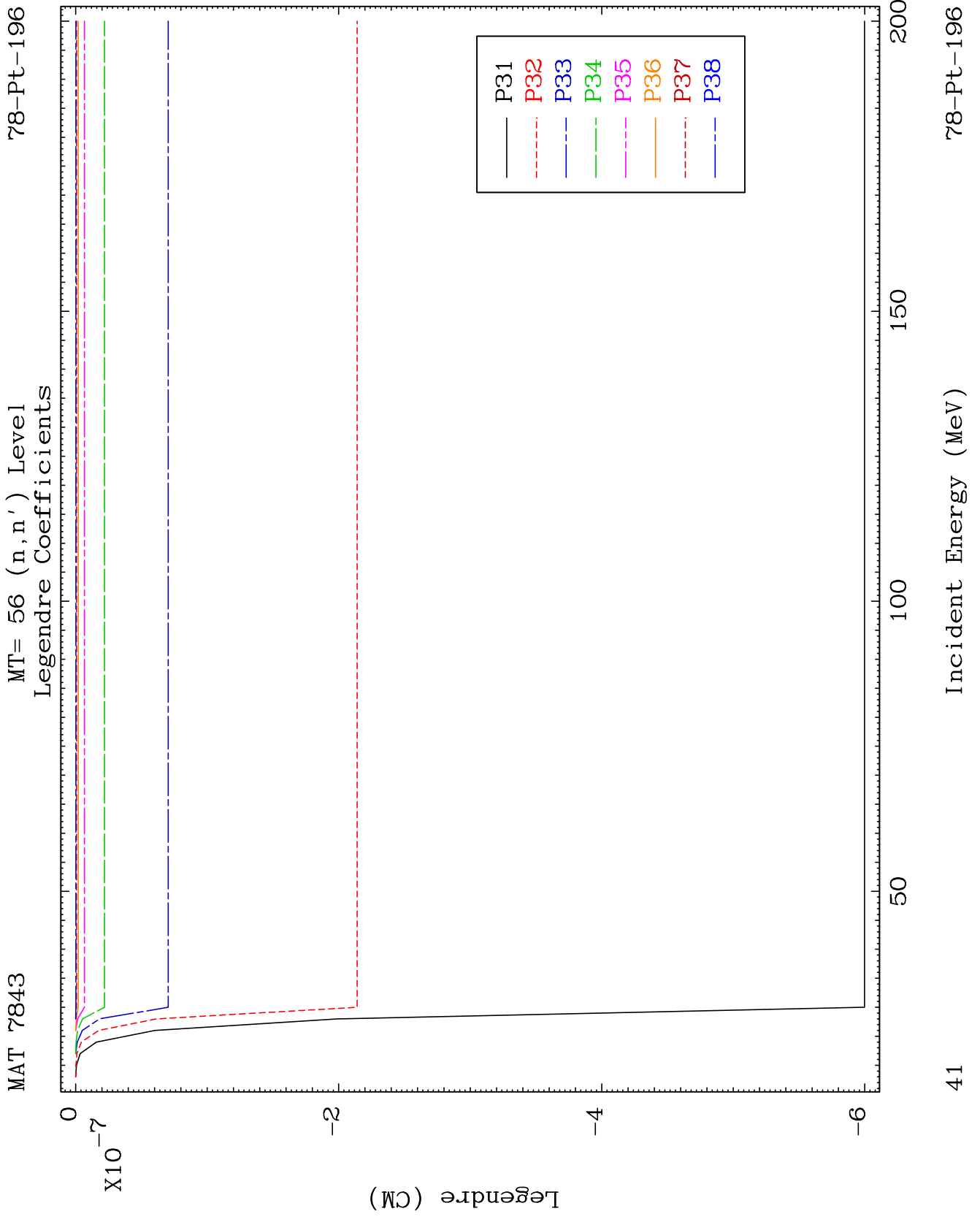
78-Pt-196

MAT 7843

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

78-Pt-196



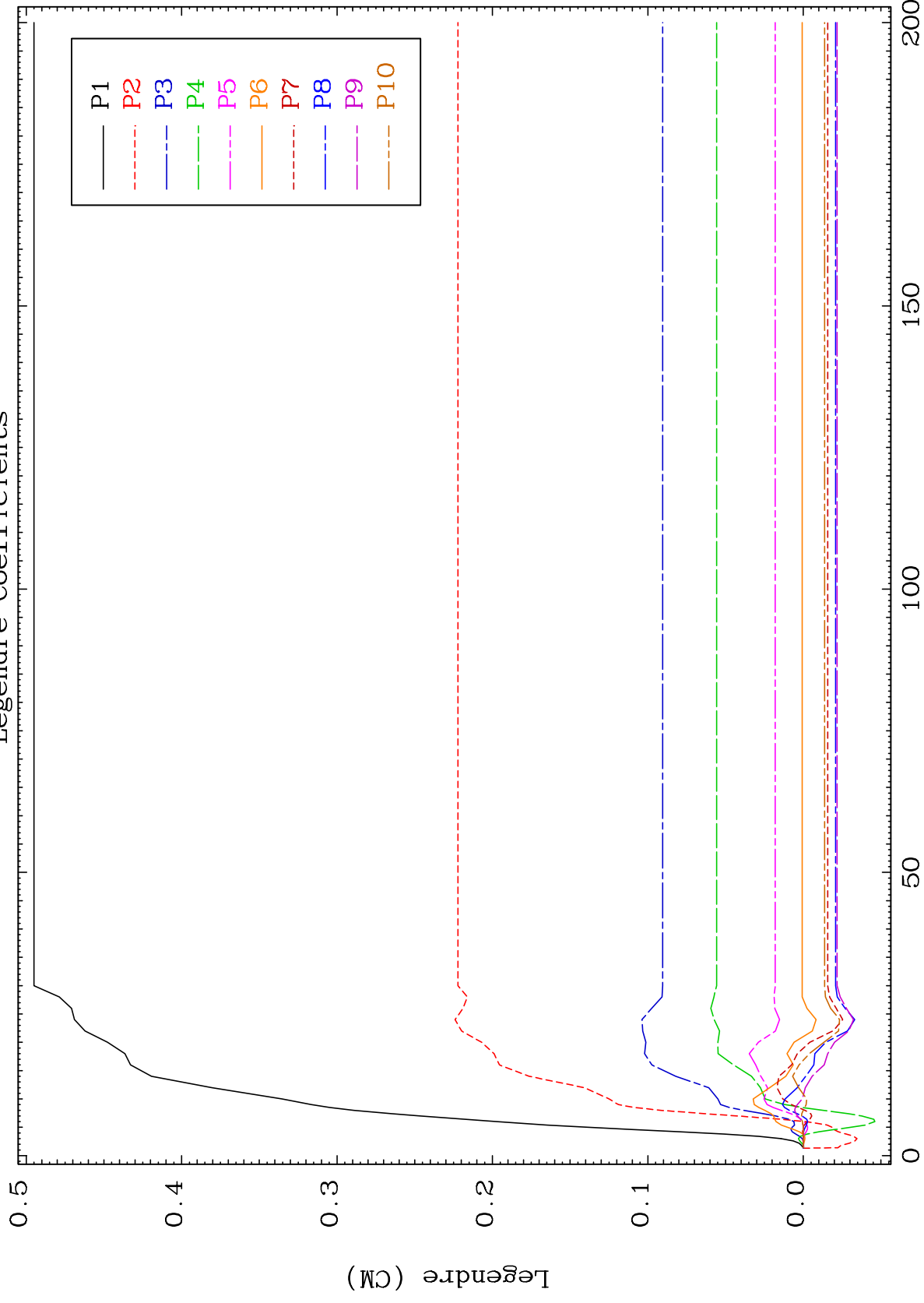


MAT 7843

MT= 57 (n,n') Level

78-Pt-196

Legendre Coefficients



42

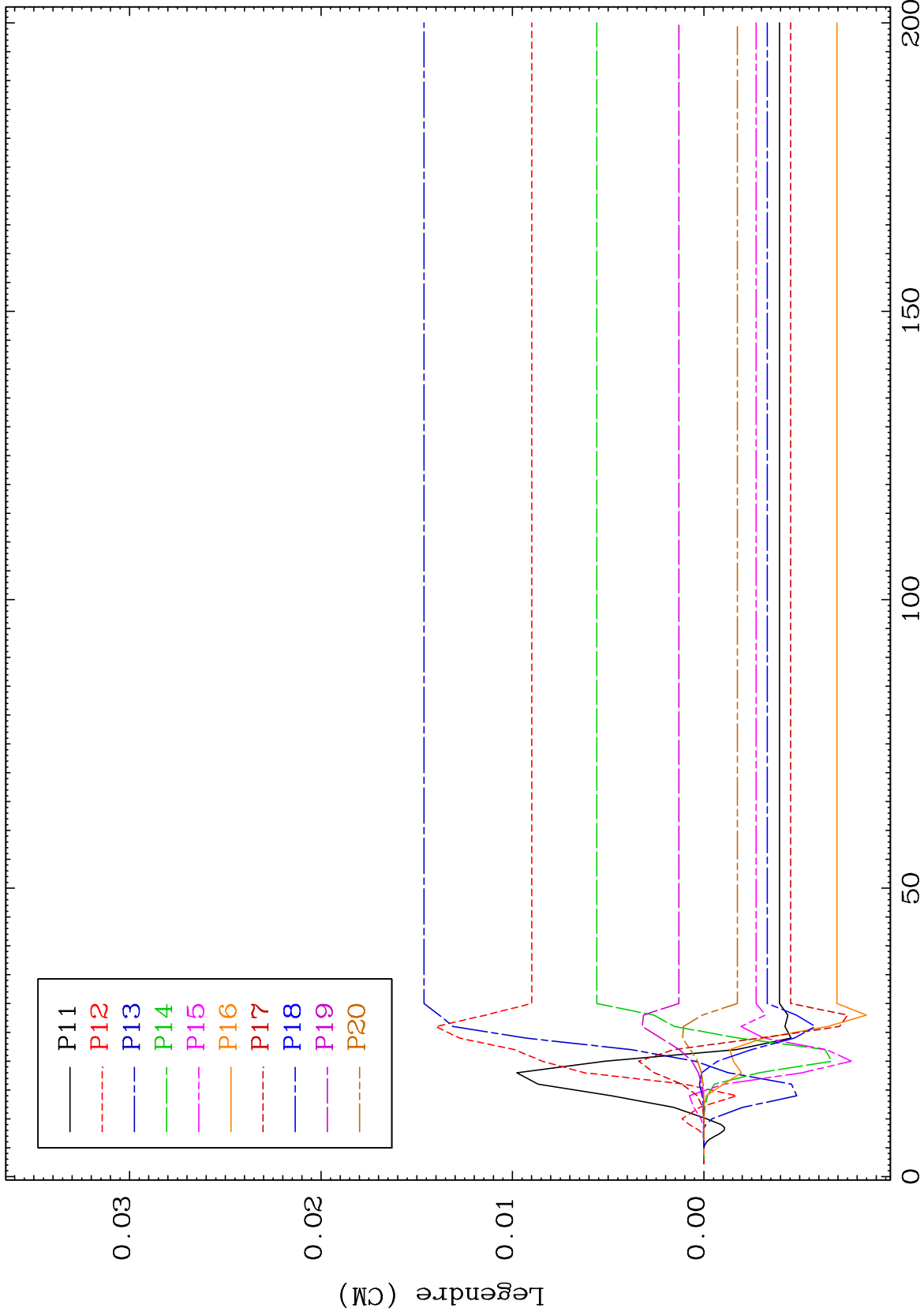
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

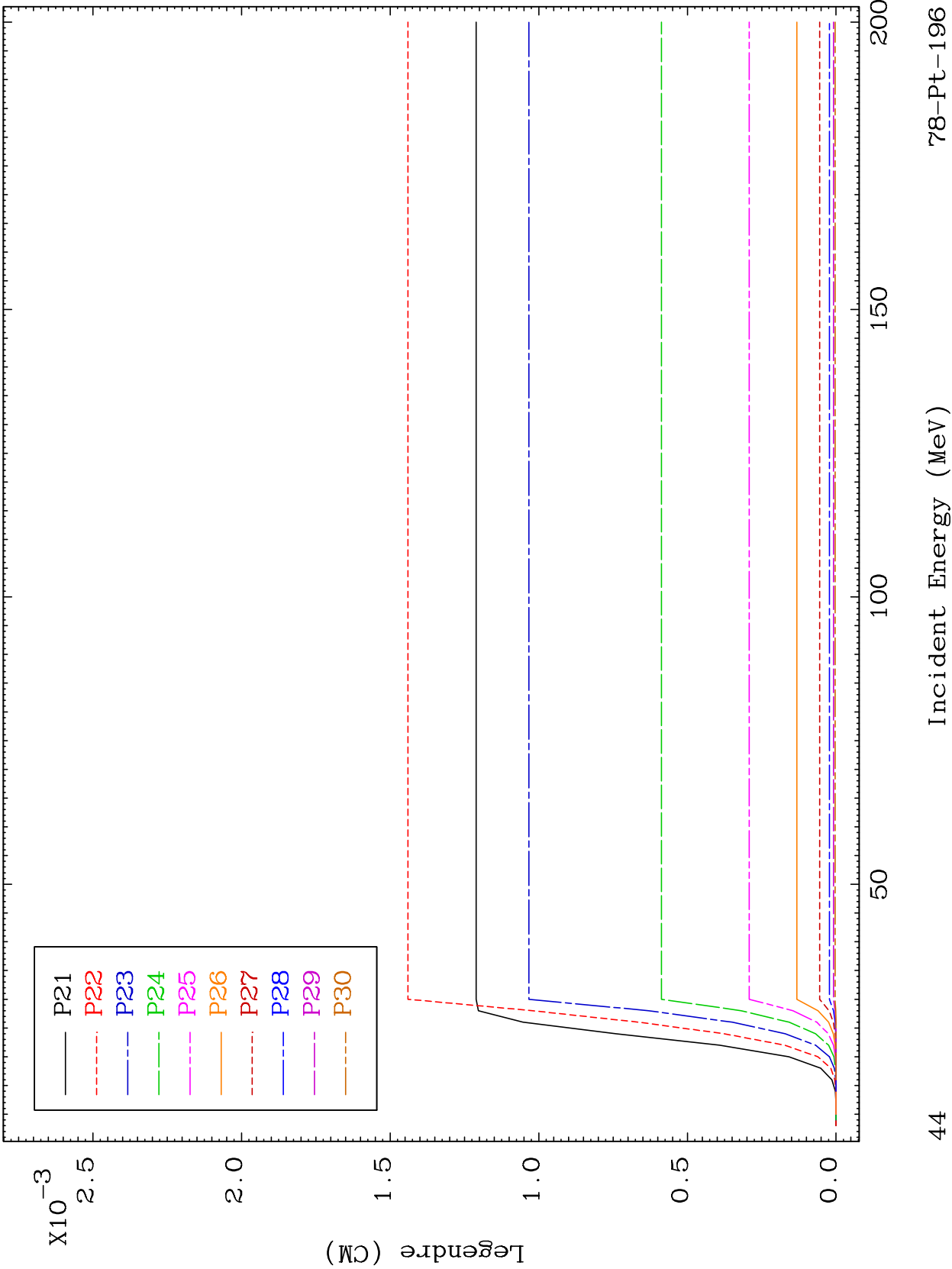
78-Pt-196



43

Incident Energy (MeV)

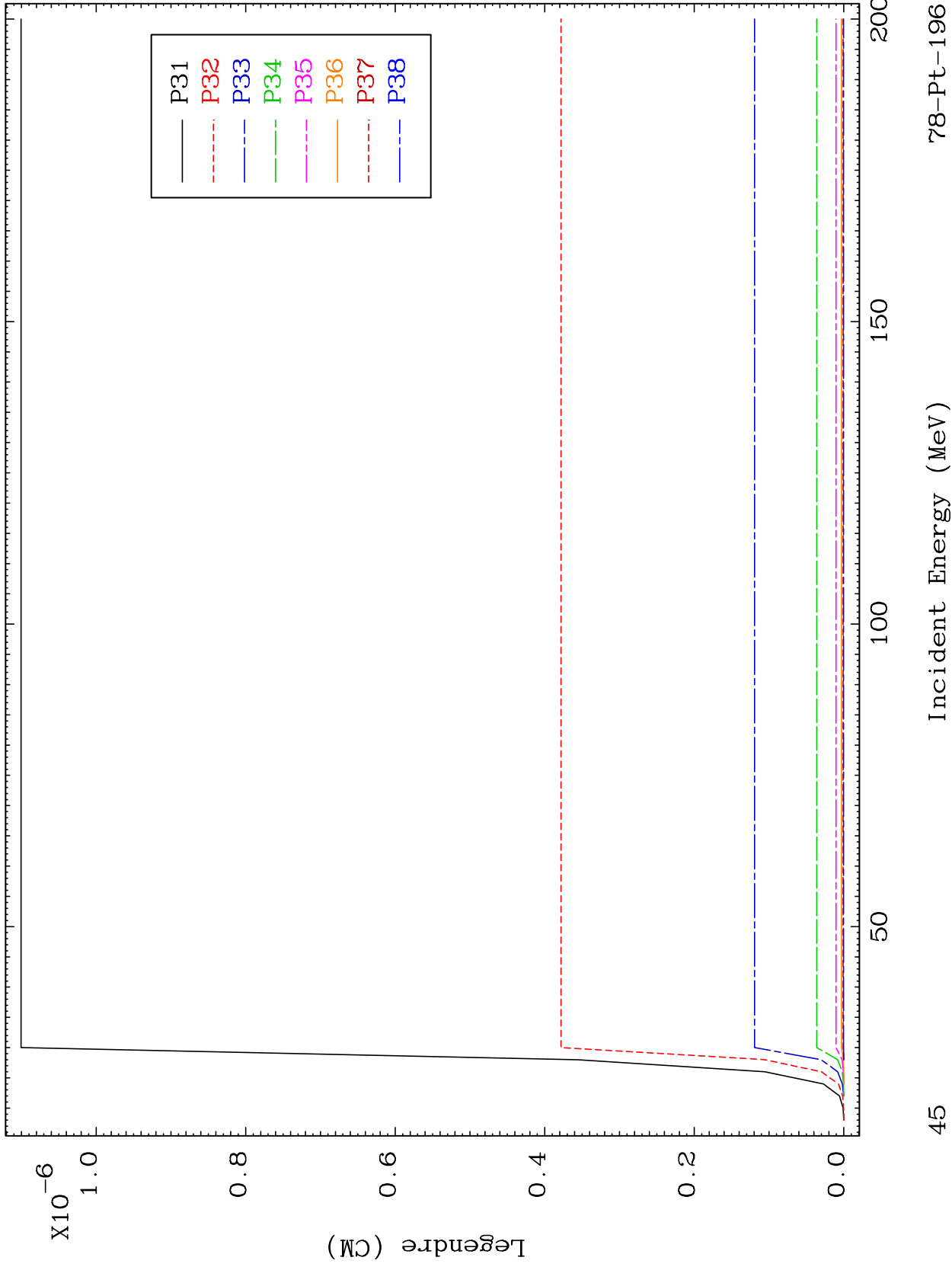
78-Pt-196



MAT 7843

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

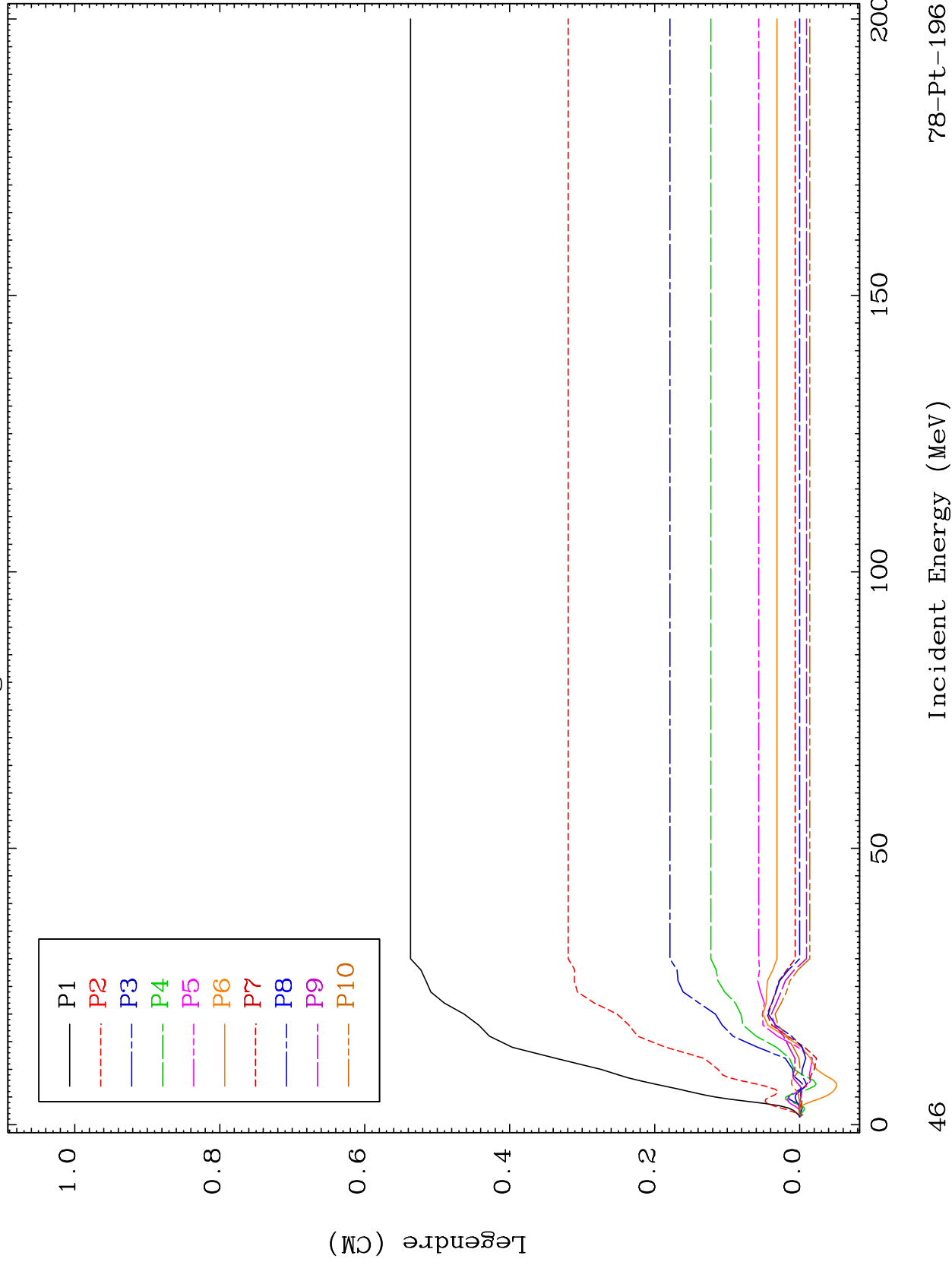
78-Pt-196



MAT 7843

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

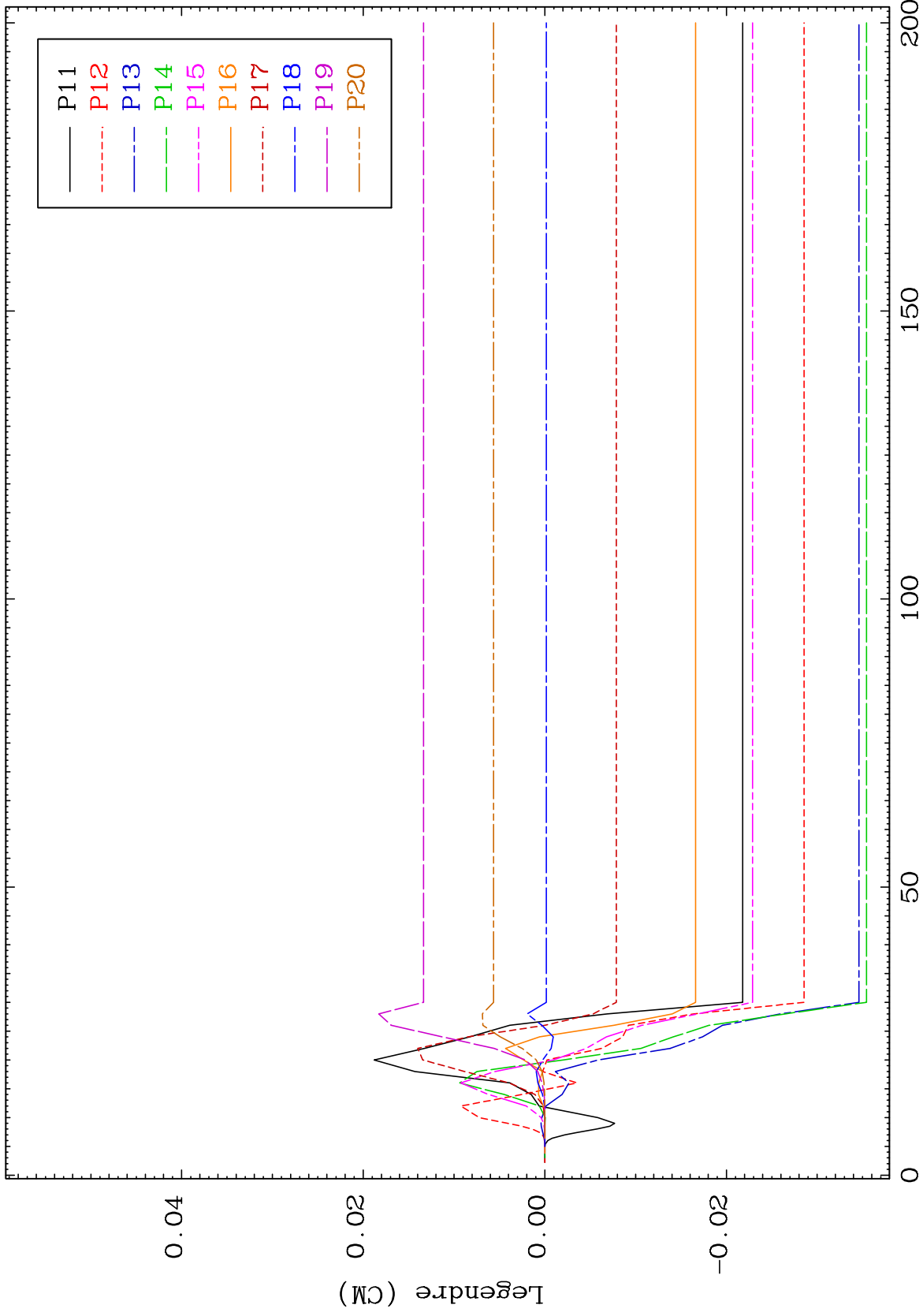
78-Pt-196



MAT 7843

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

78-Pt-196



47

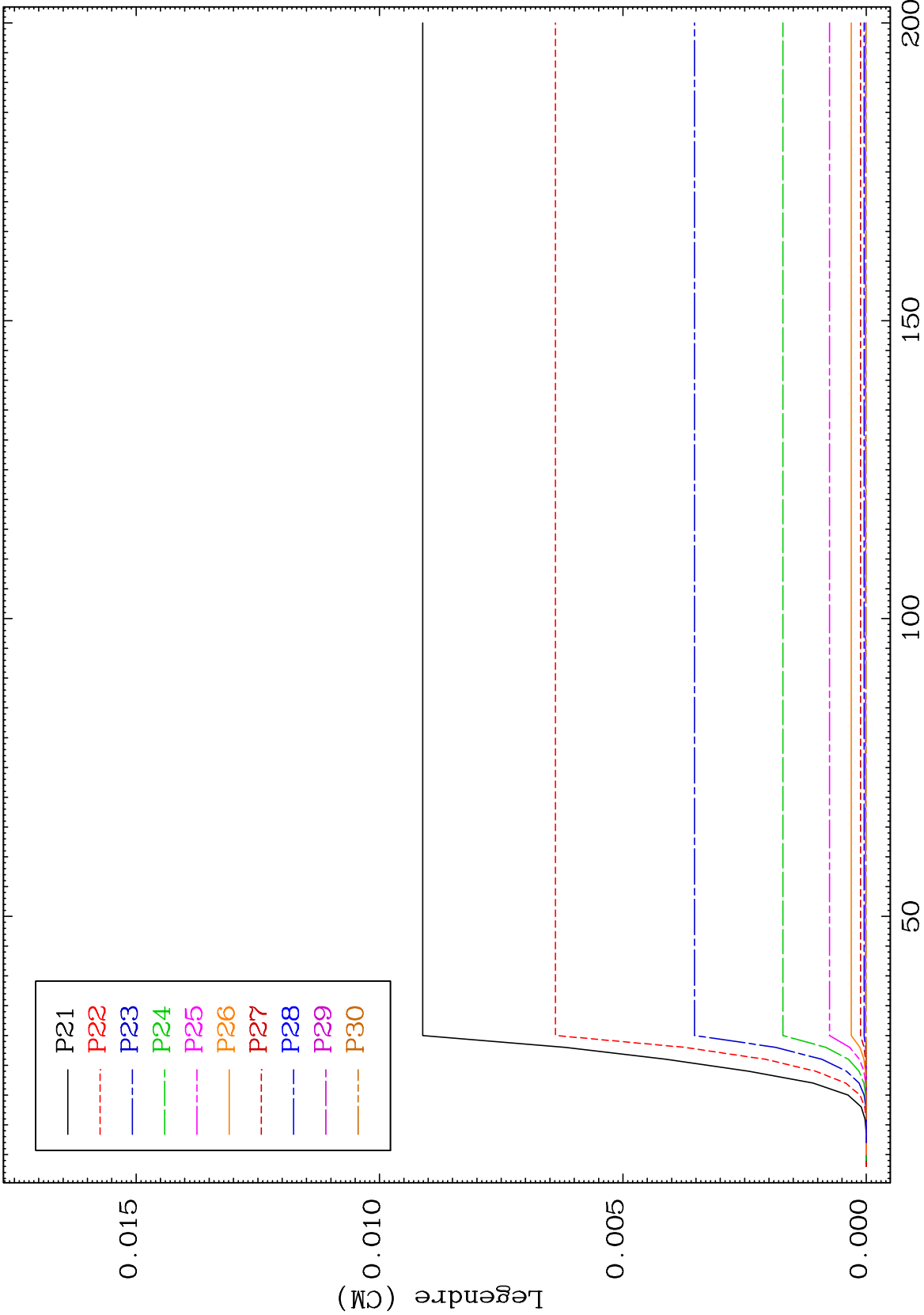
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



48

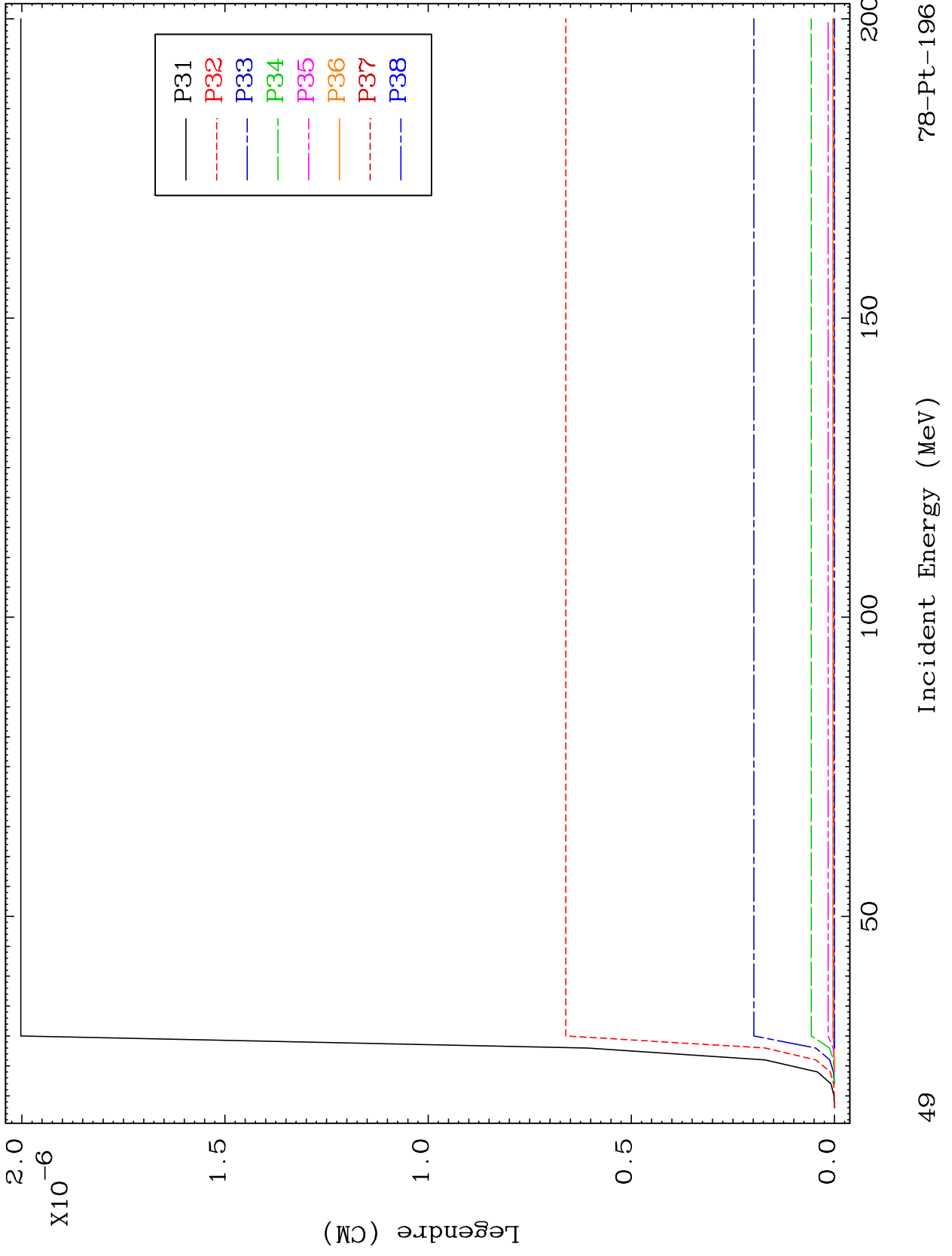
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



49

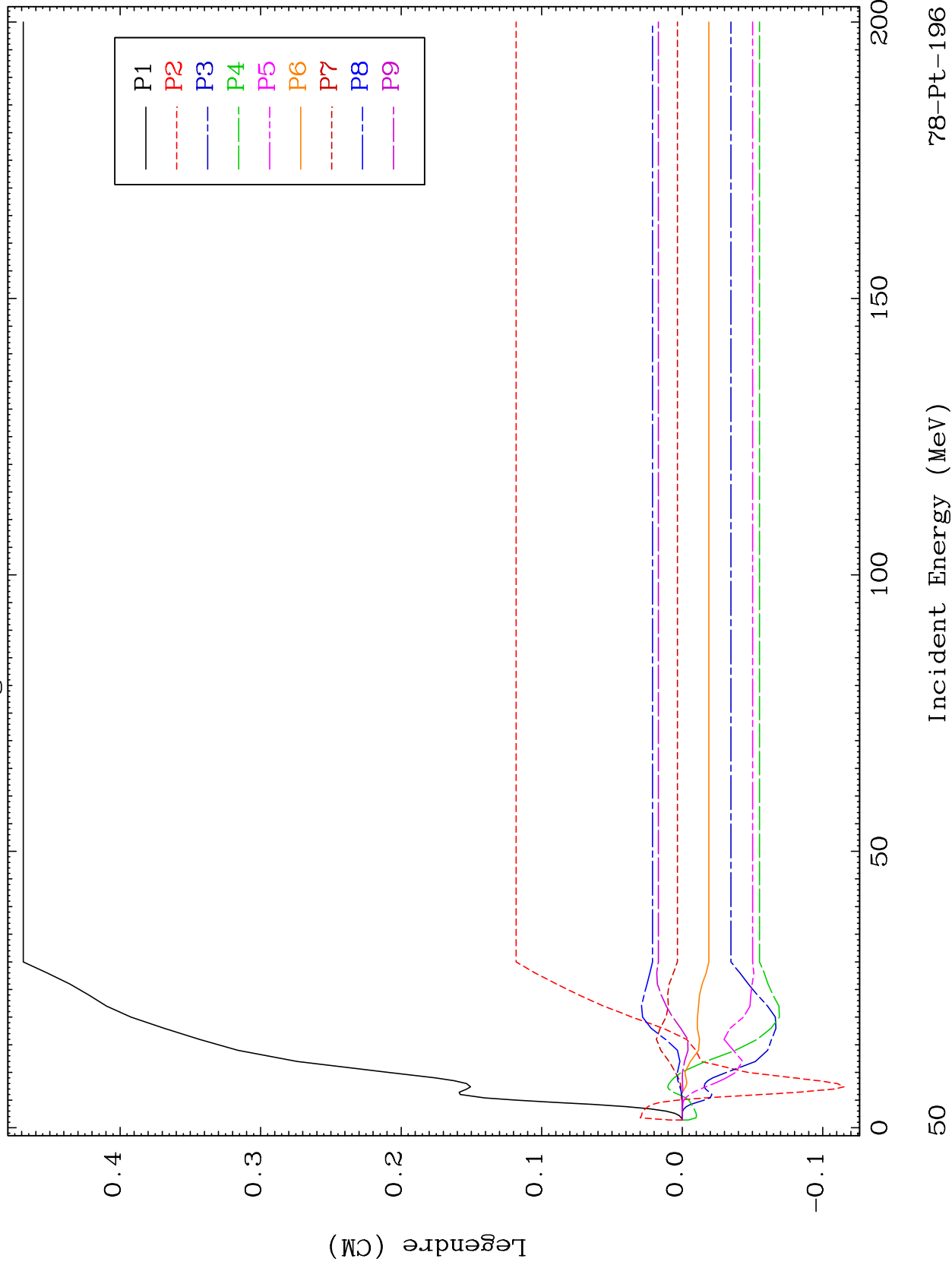
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



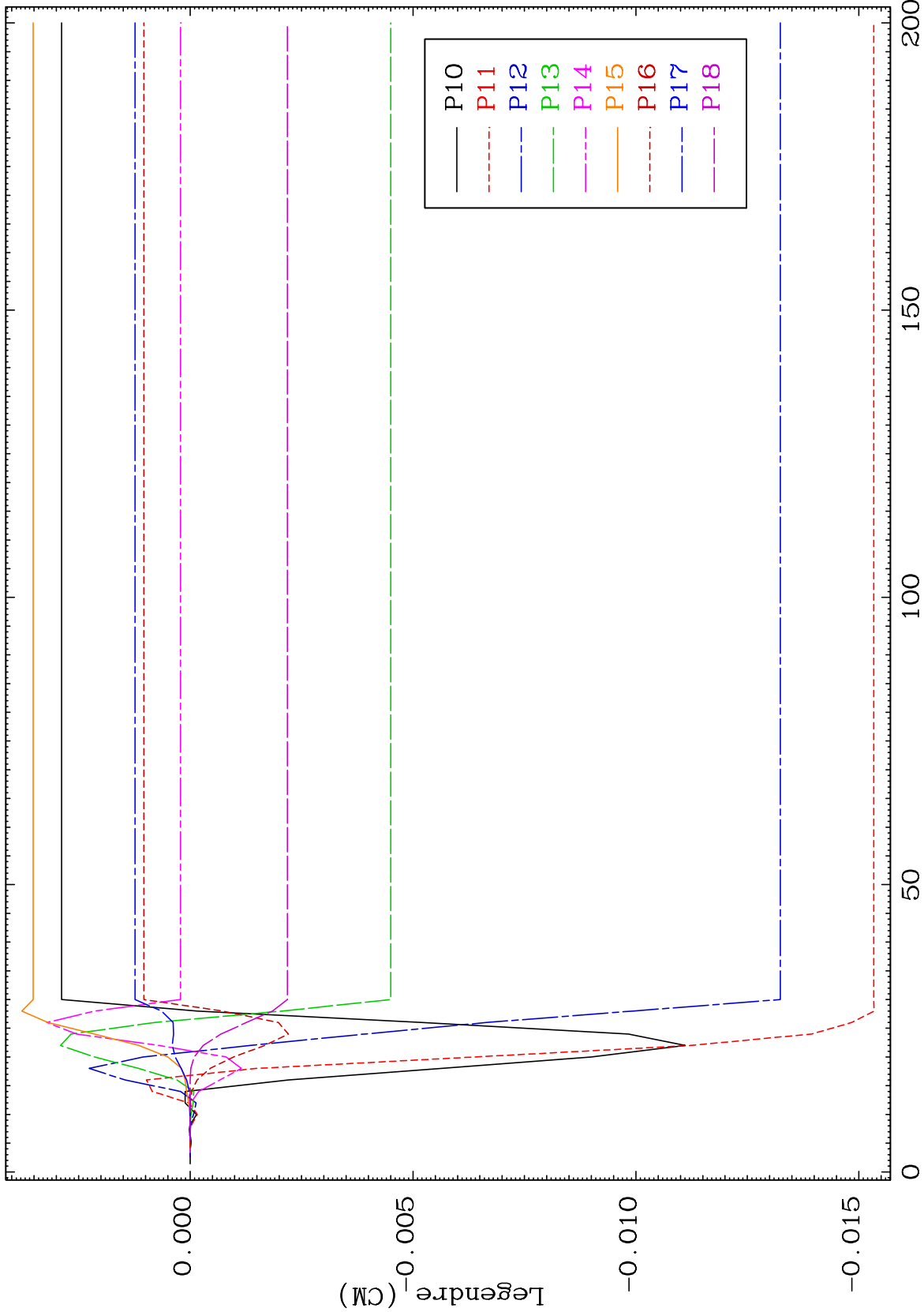
78-Pt-196

Incident Energy (MeV)

MAT 7843

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

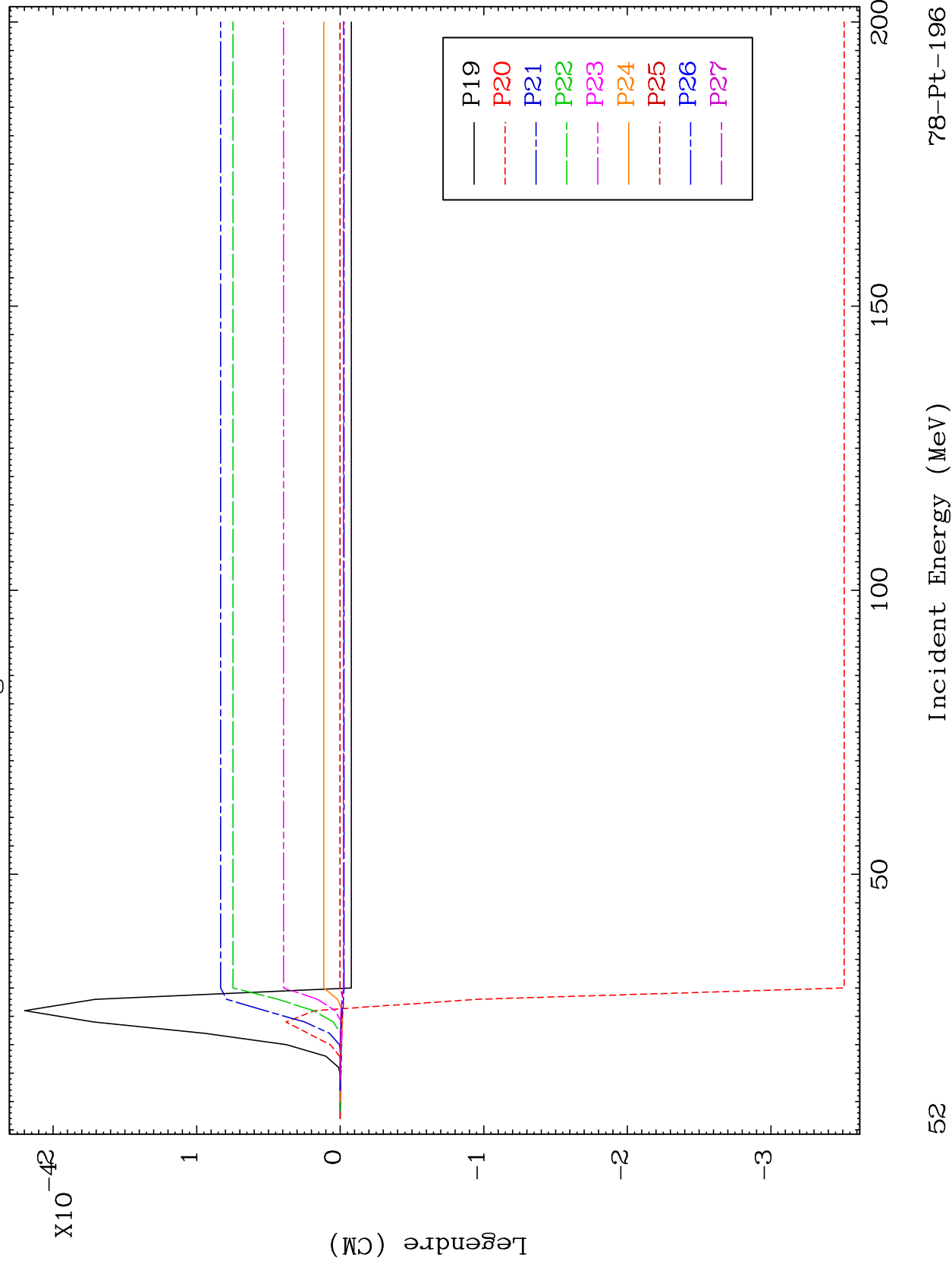
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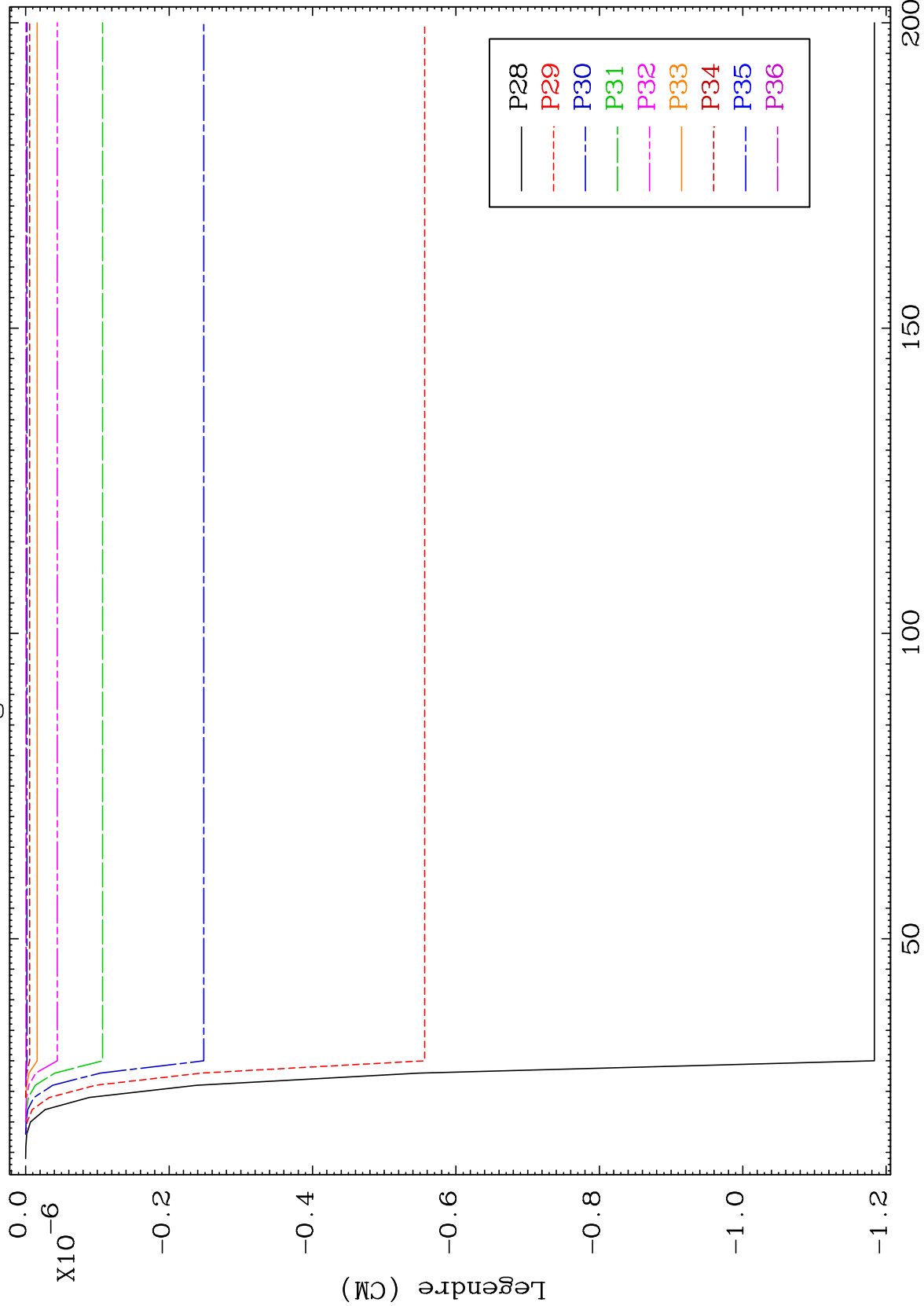


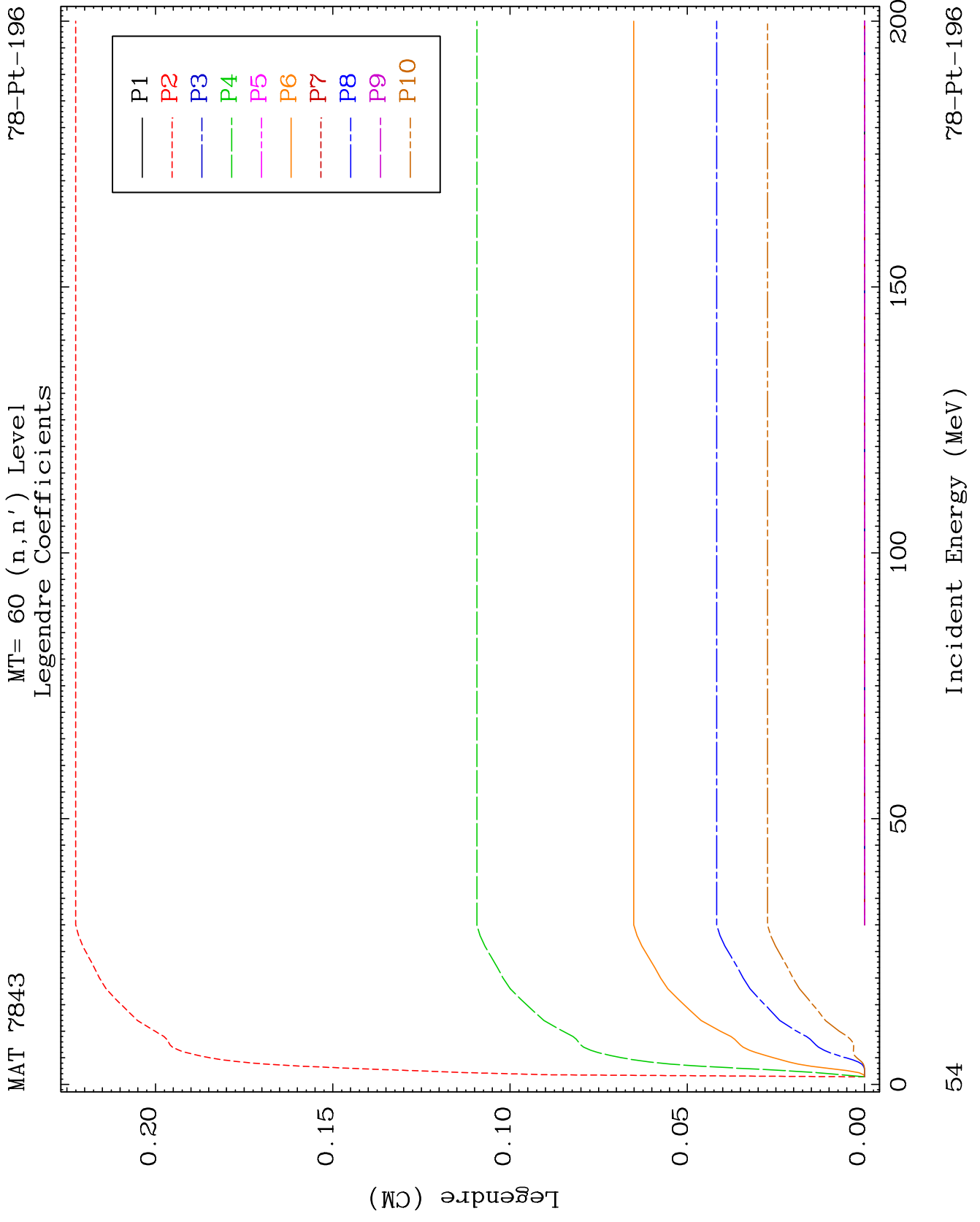
51

Incident Energy (MeV)

78-Pt-196



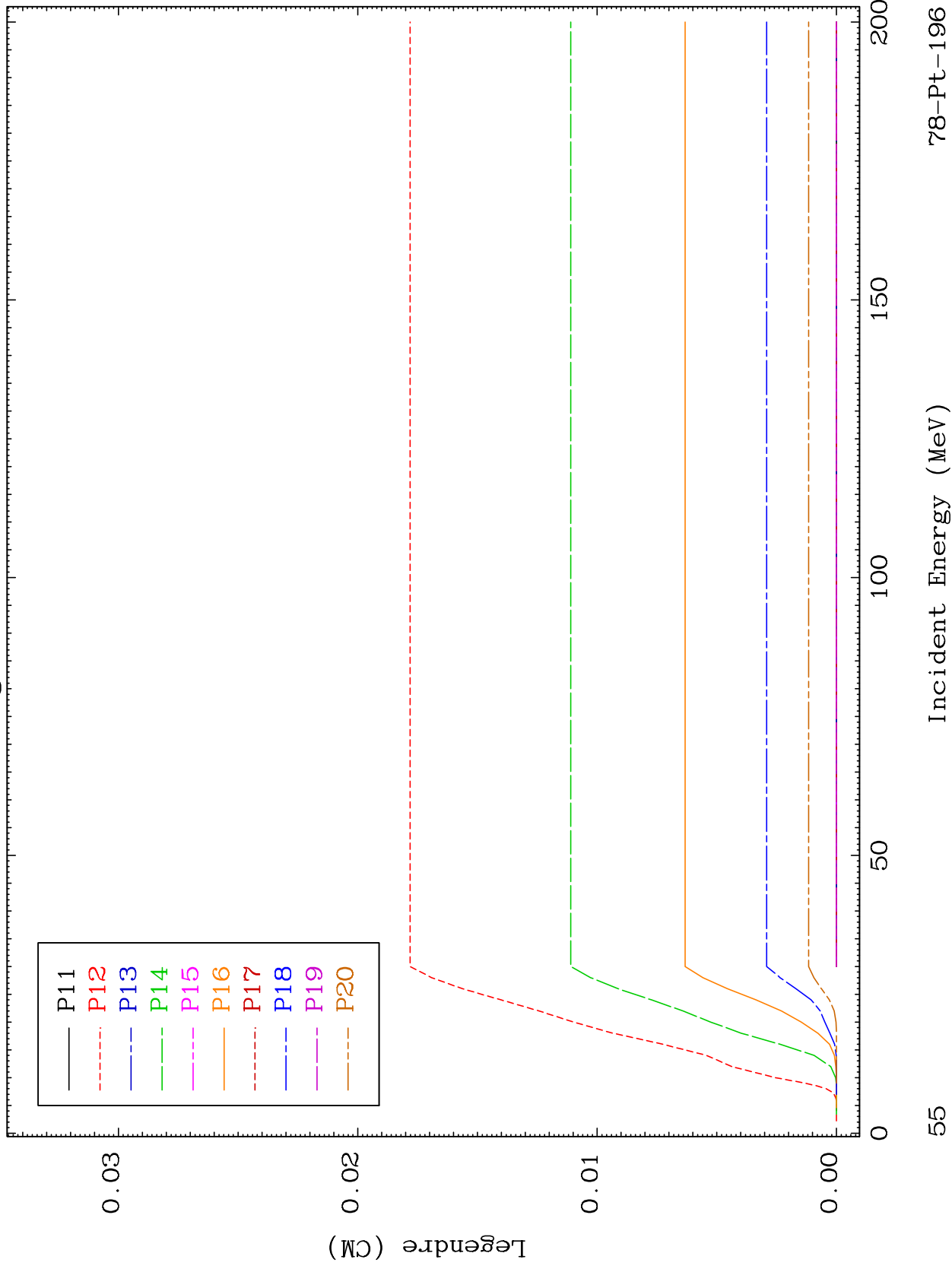




MAT 7843

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

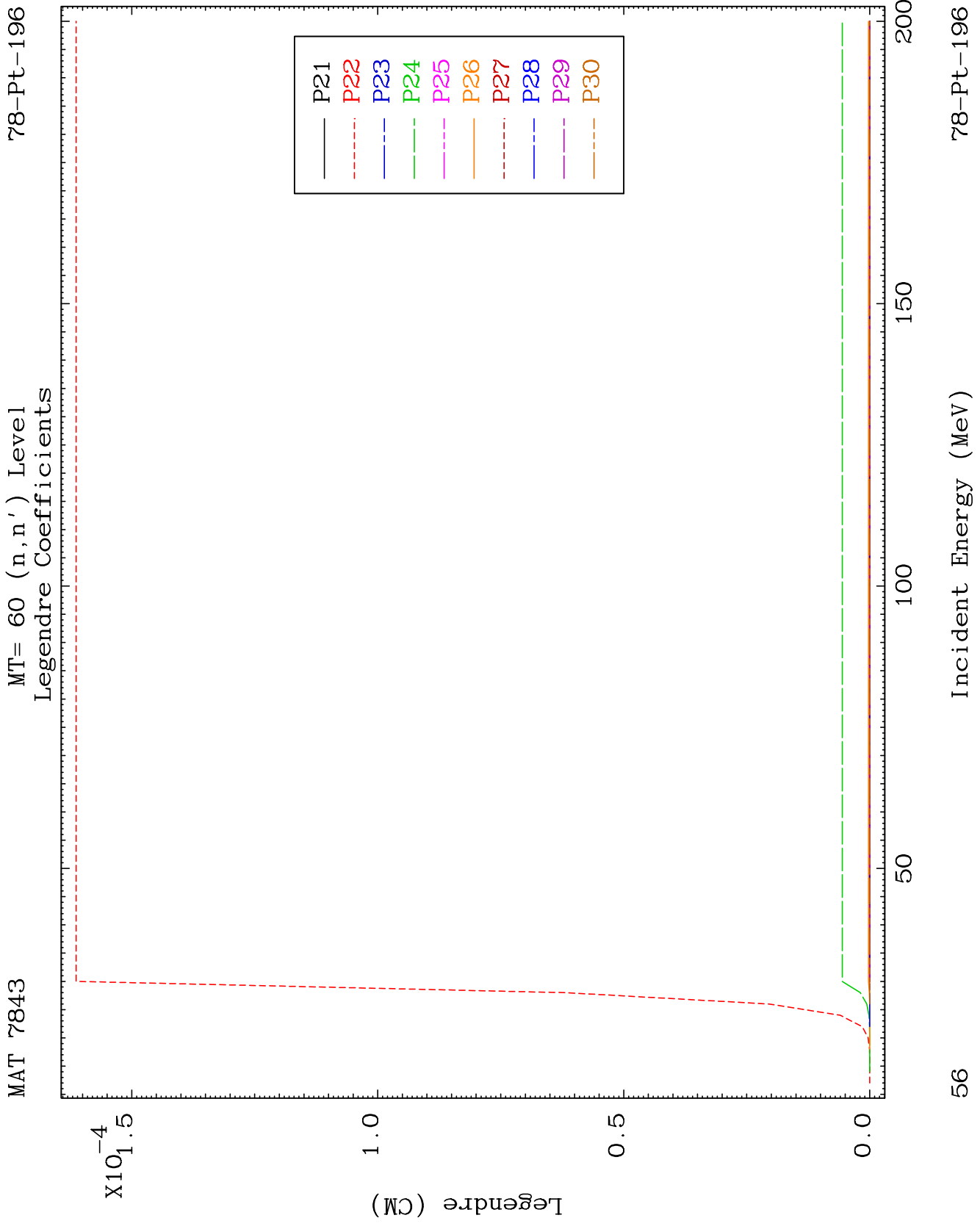
78-Pt-196



78-Pt-196

Incident Energy (MeV)

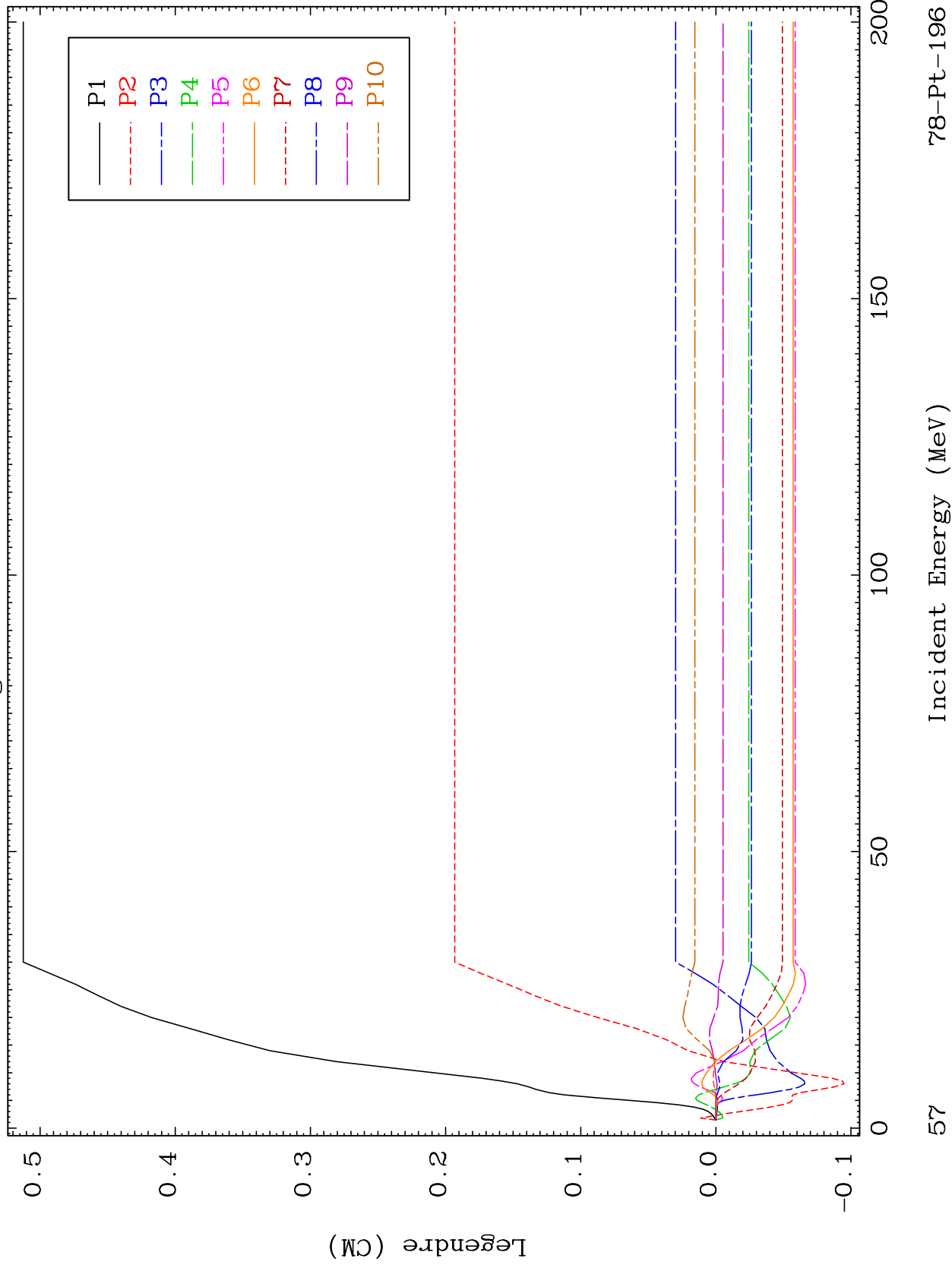
55



MAT 7843

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

78-Pt-196



78-Pt-196

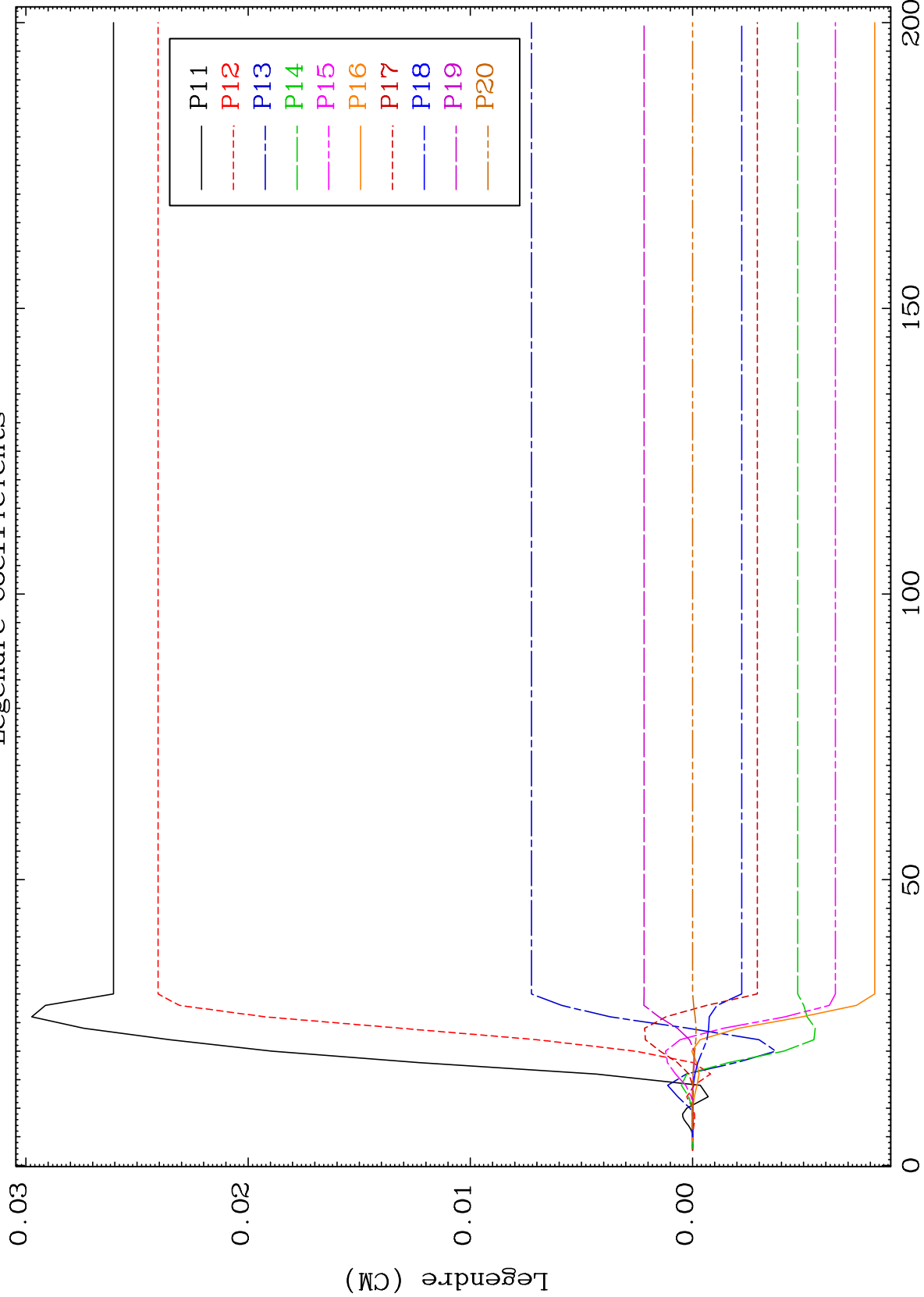
Incident Energy (MeV)

57

MAT 7843

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

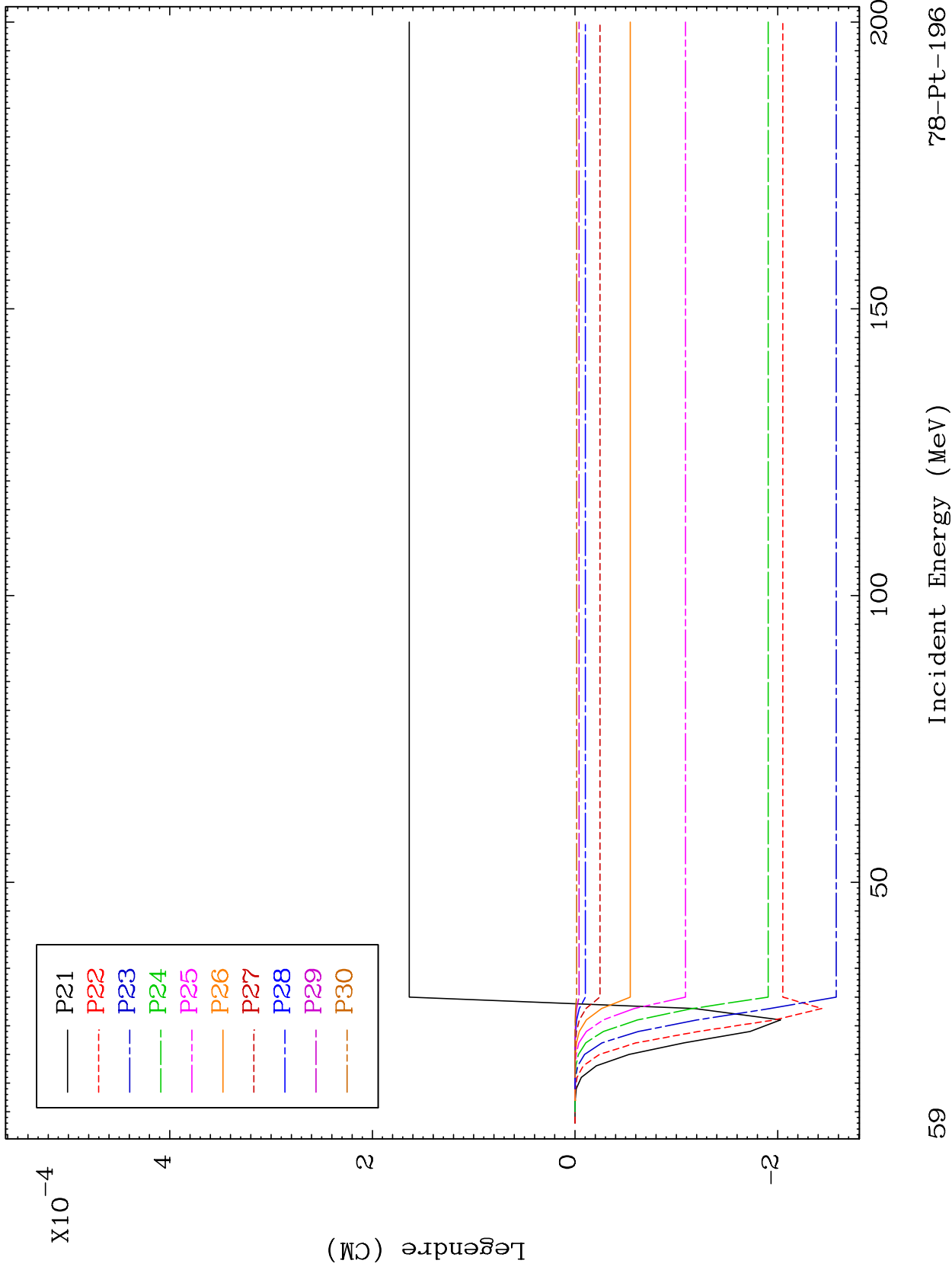
78-Pt-196

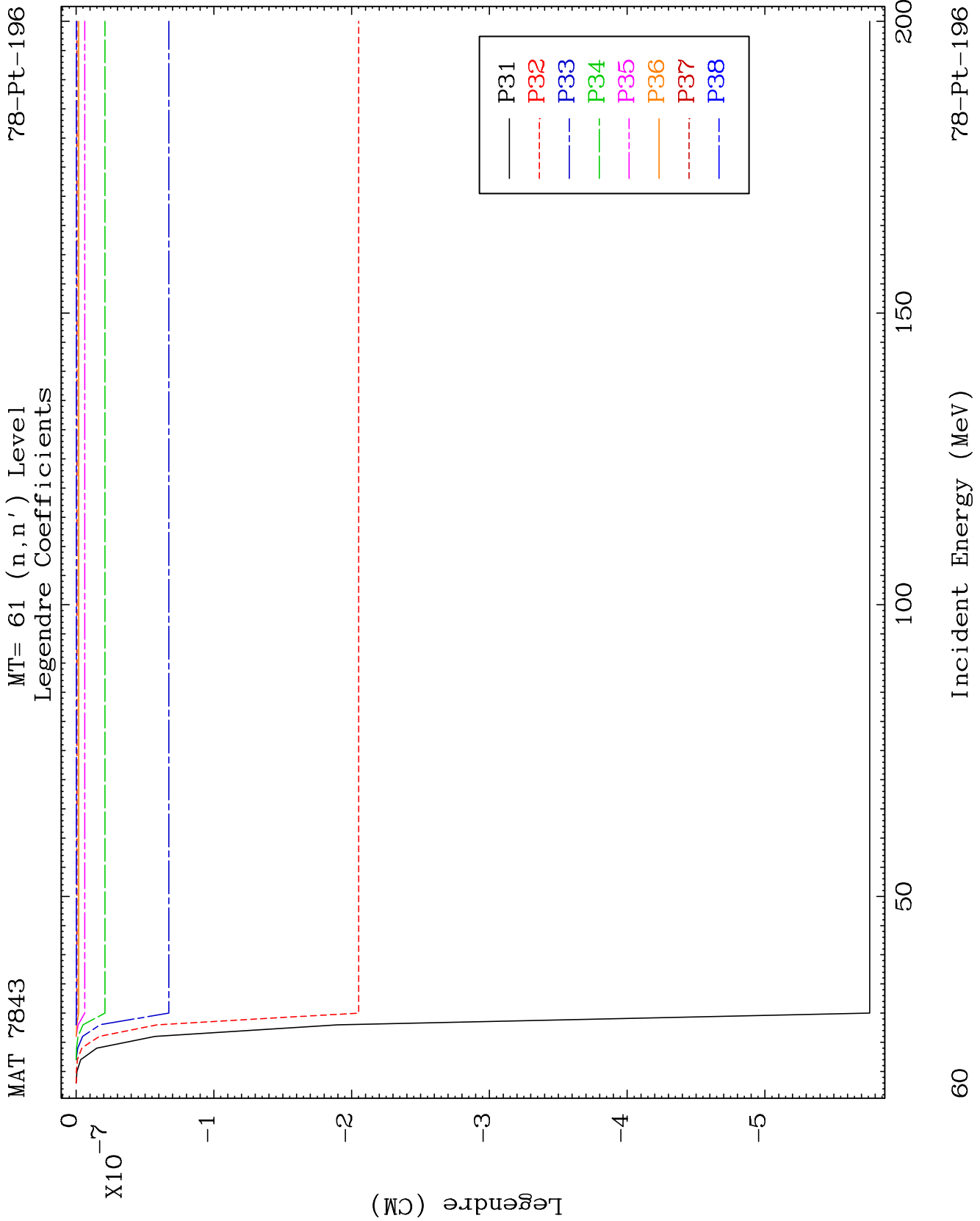


58

Incident Energy (MeV)

78-Pt-196

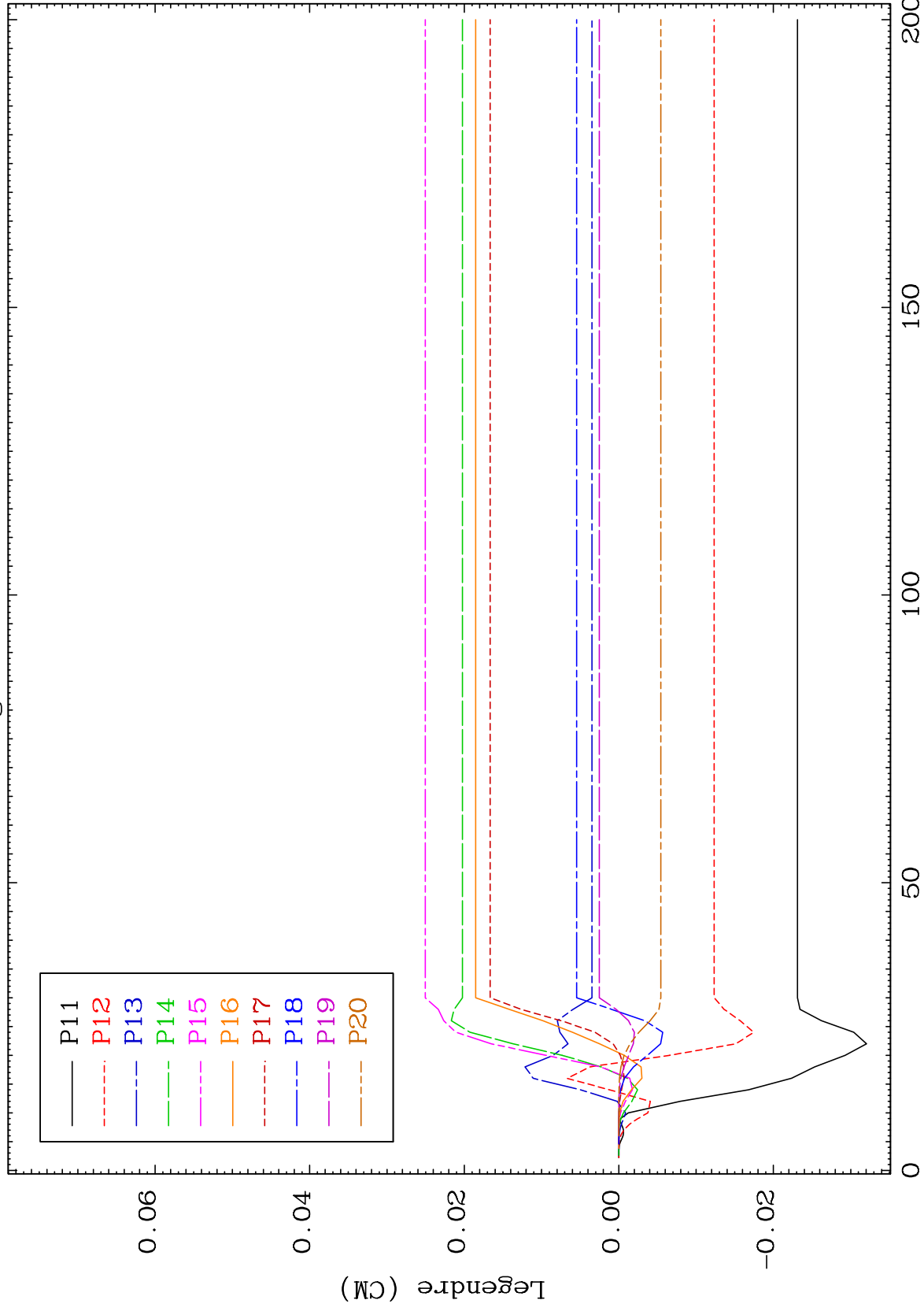




MAT 7843

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

78-Pt-196



62

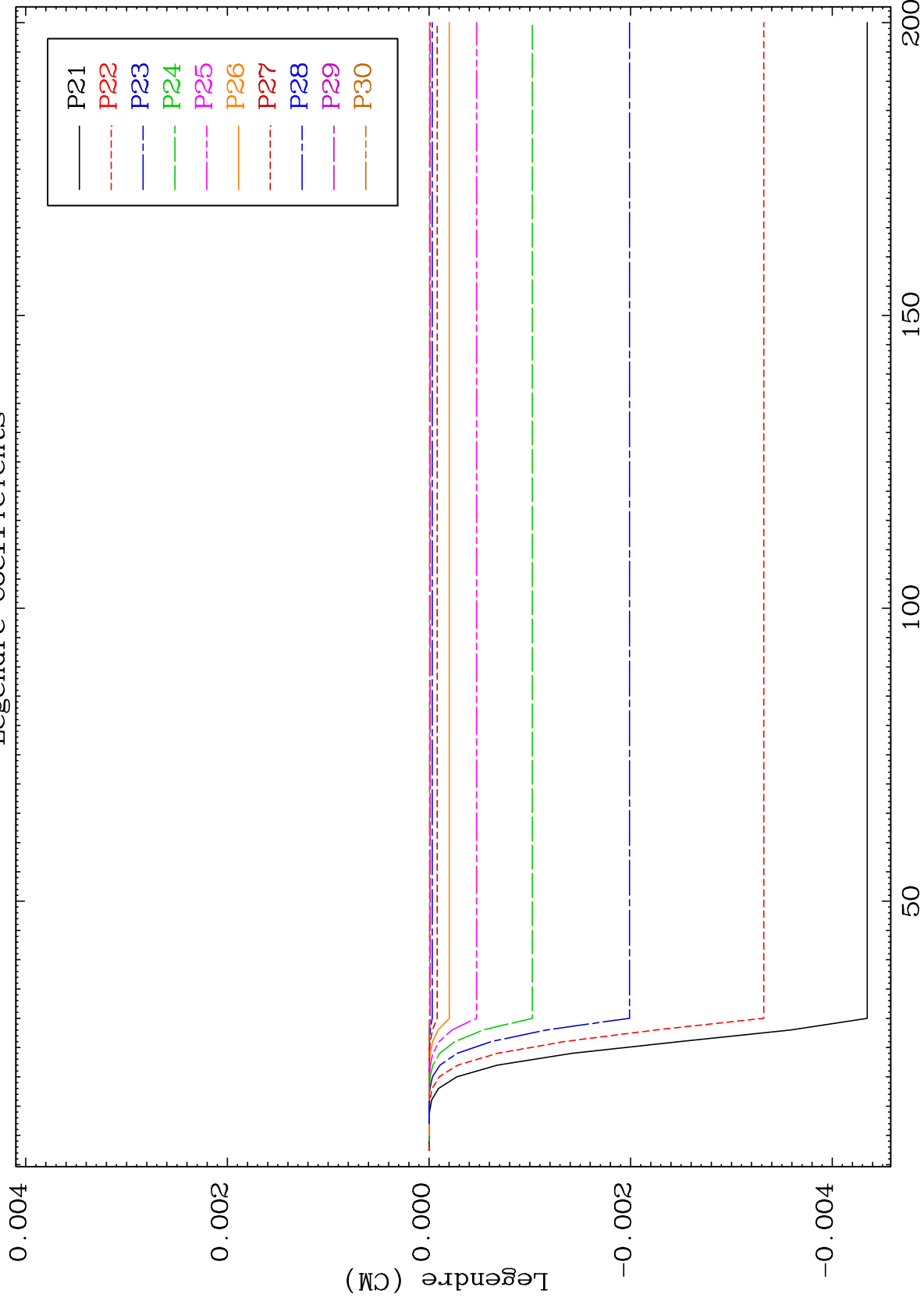
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

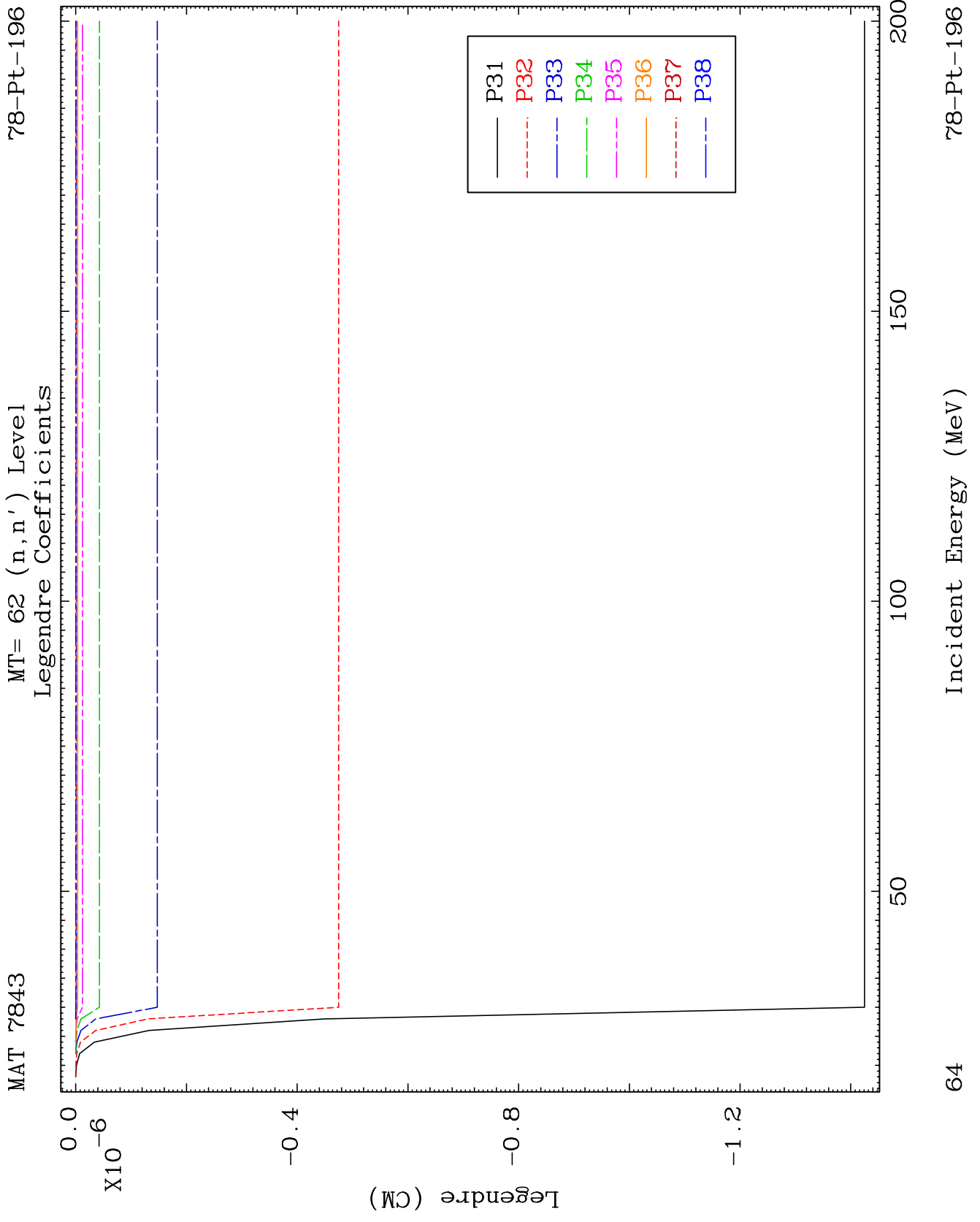
78-Pt-196



63

Incident Energy (MeV)

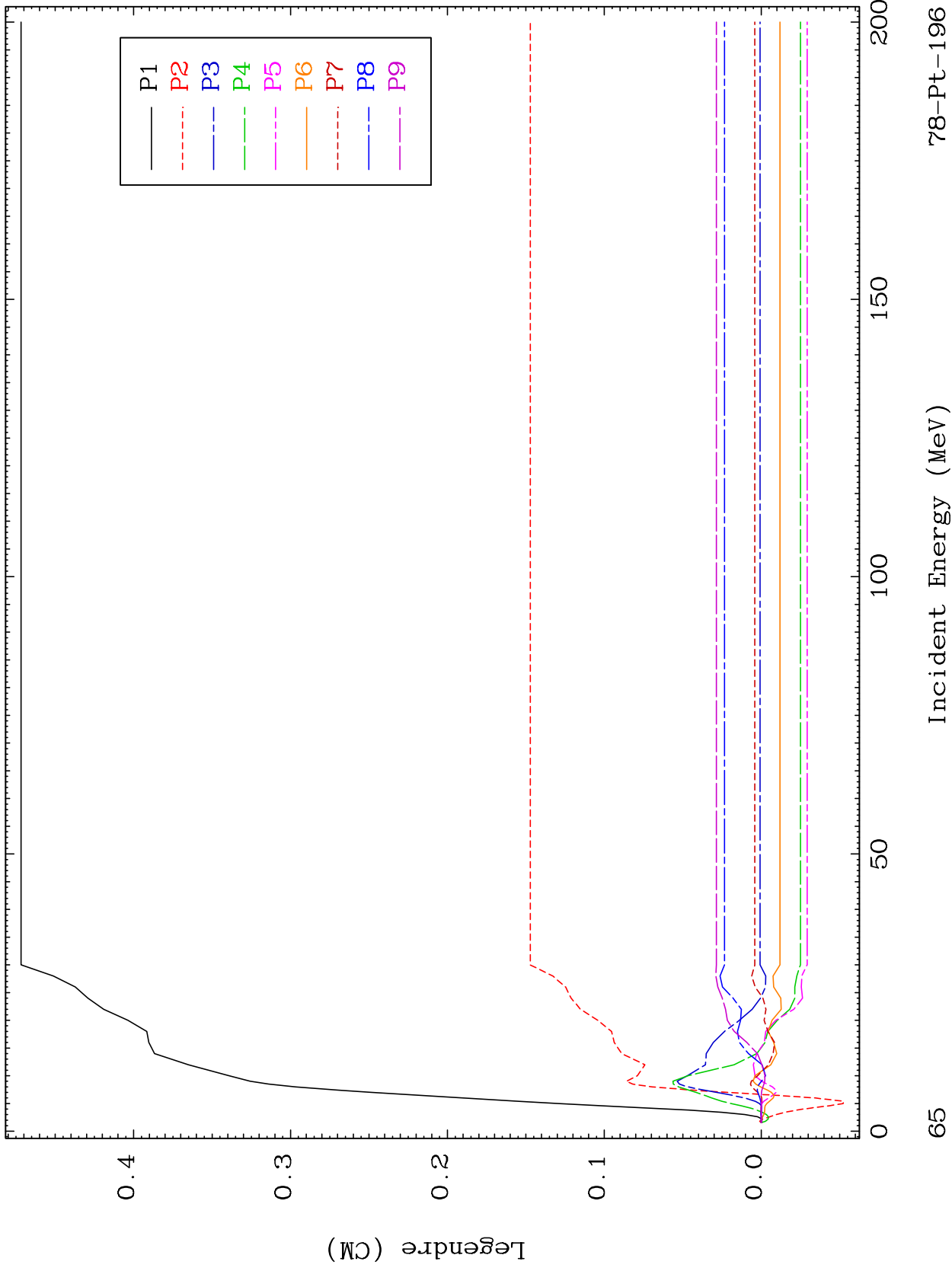
78-Pt-196



MAT 7843

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

78-Pt-196



78-Pt-196

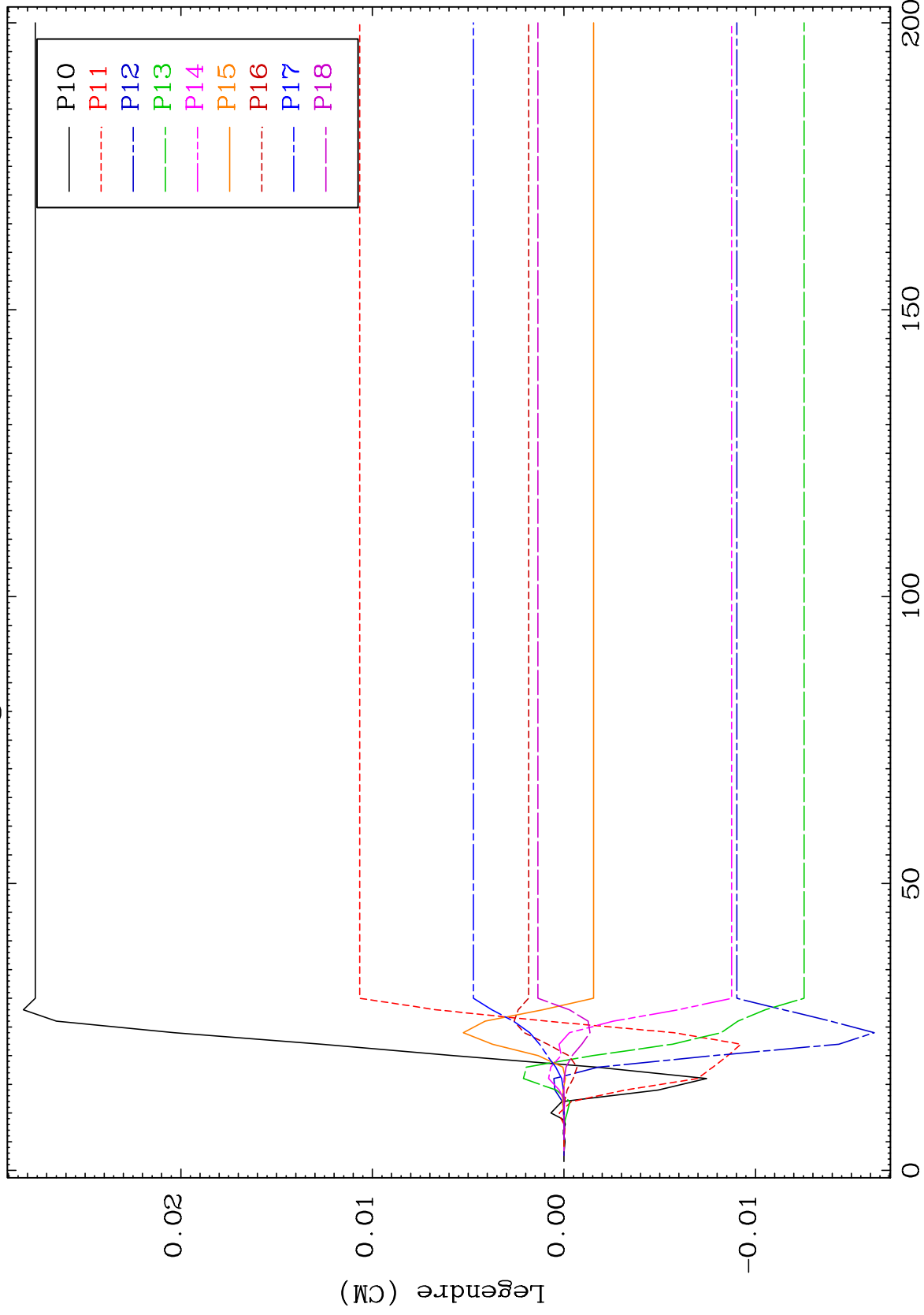
Incident Energy (MeV)

65

MAT 7843

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

78-Pt-196



66

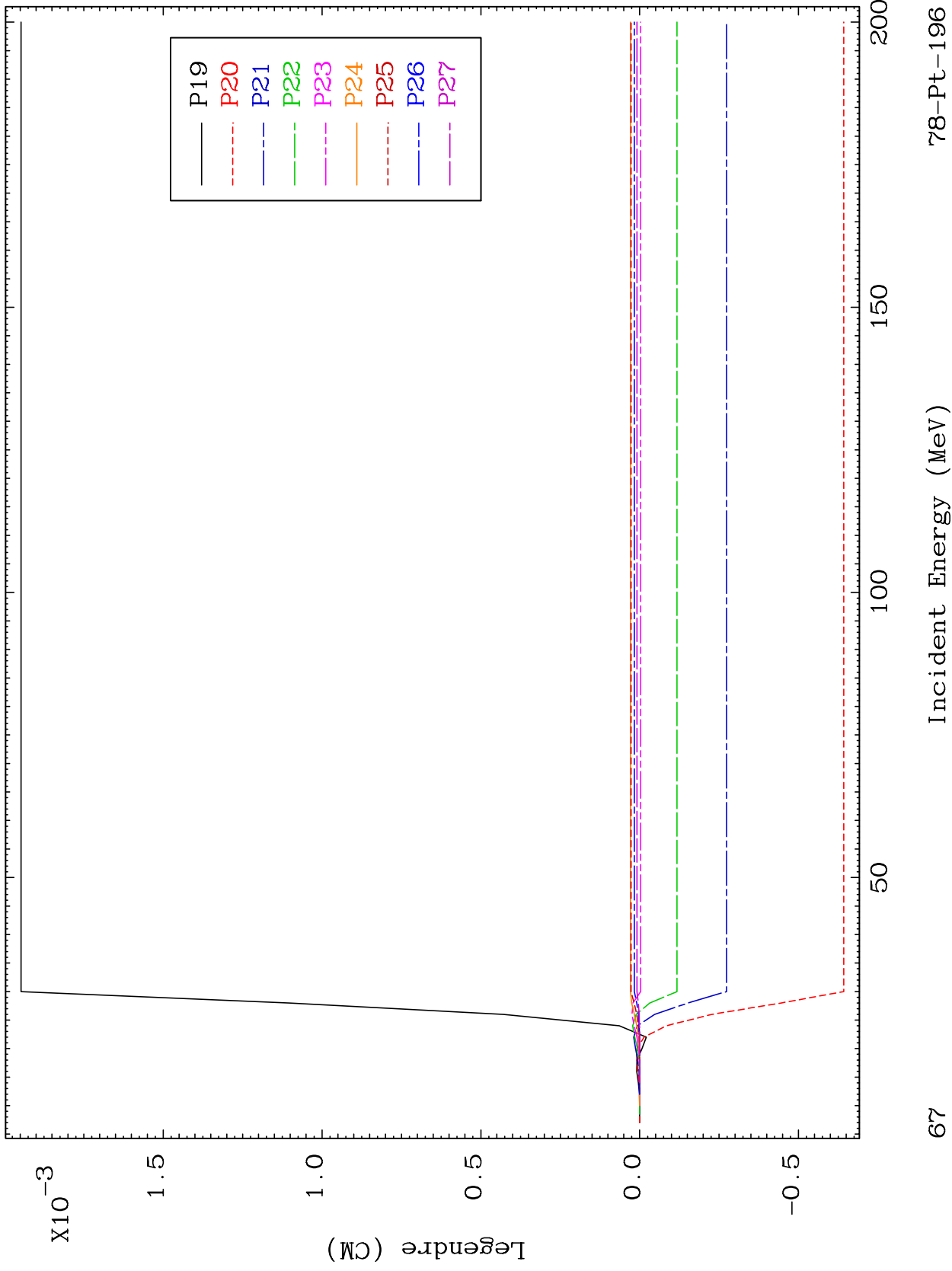
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

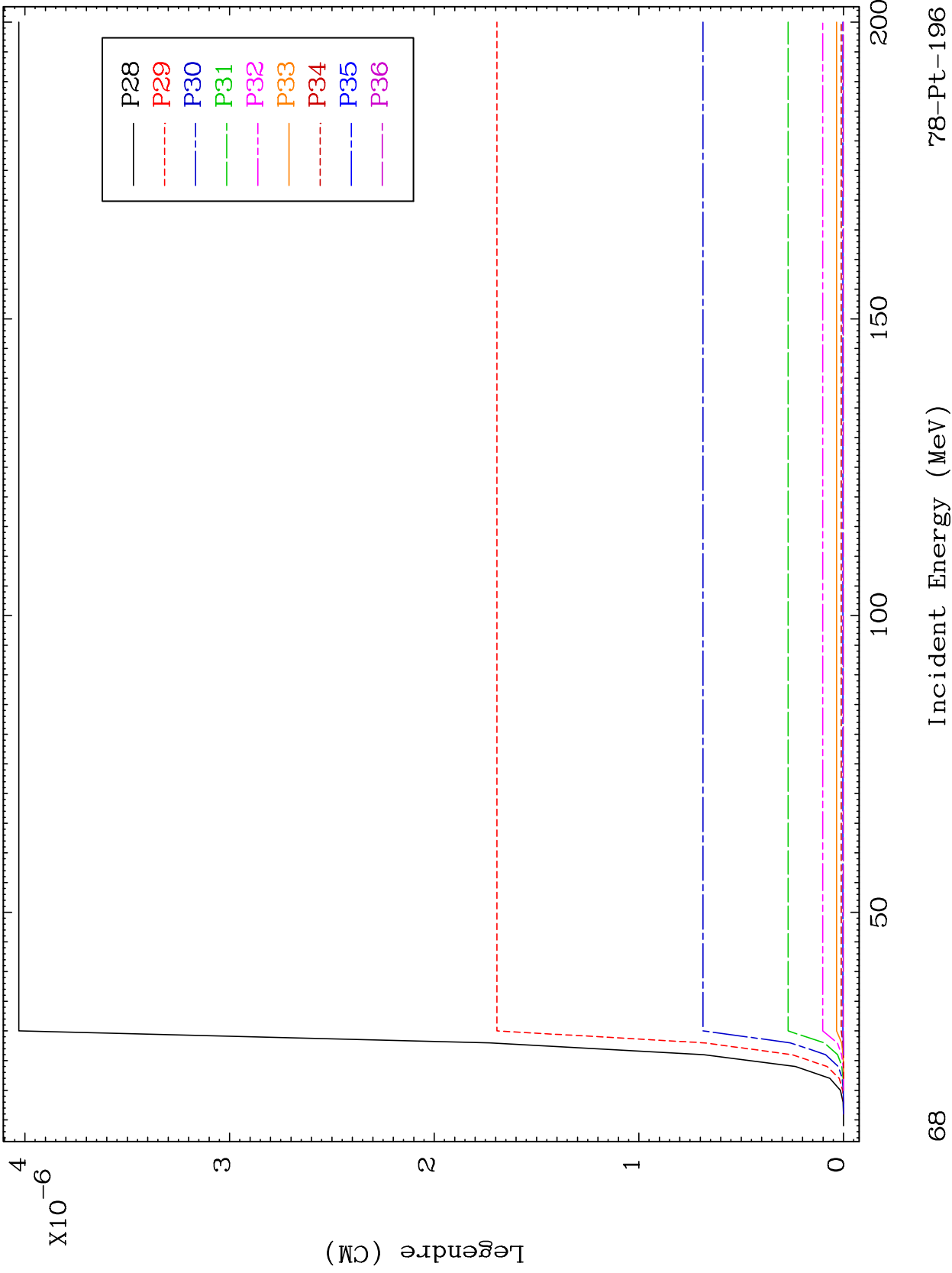
78-Pt-196



MAT 7843

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

78-Pt-196



68

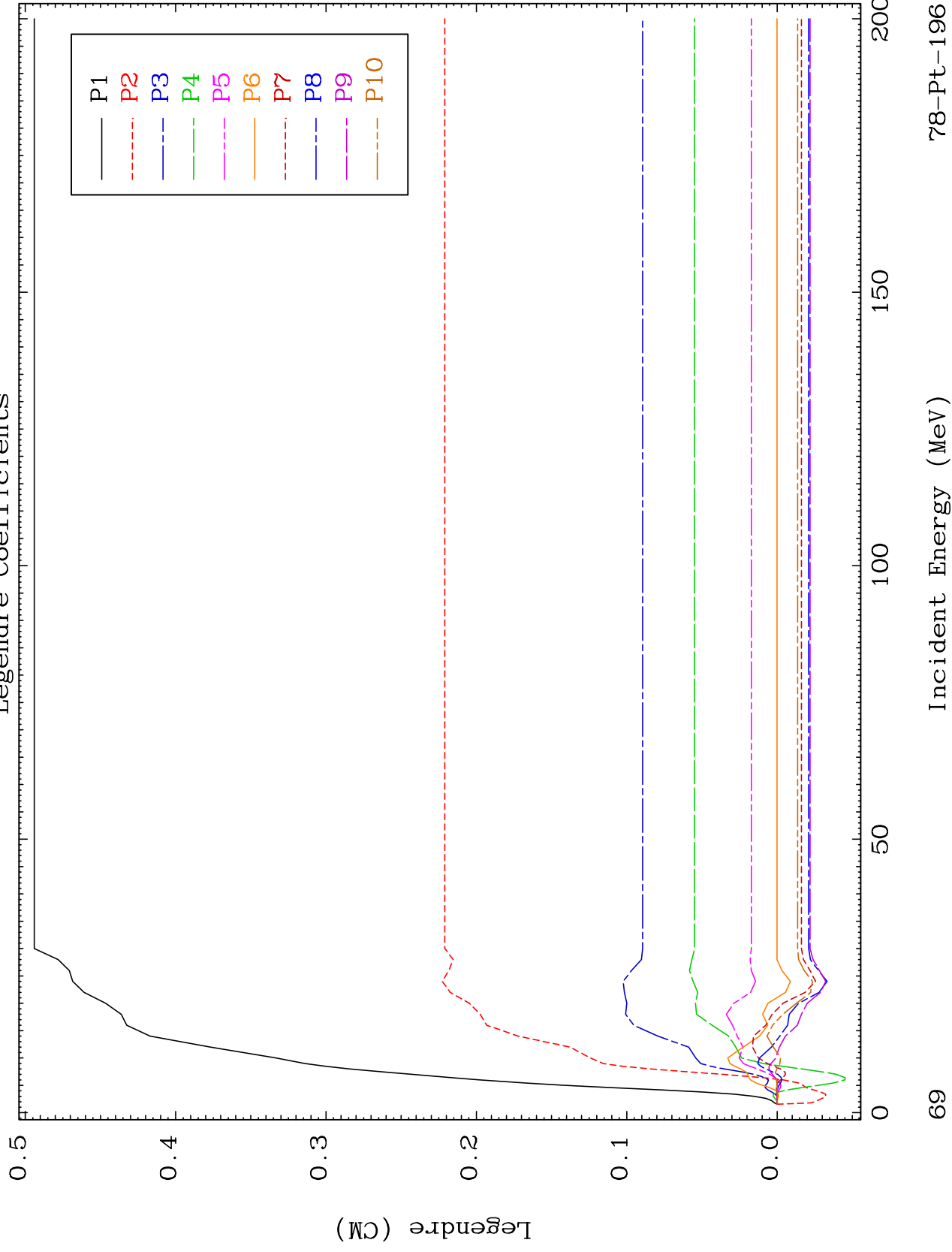
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



78-Pt-196

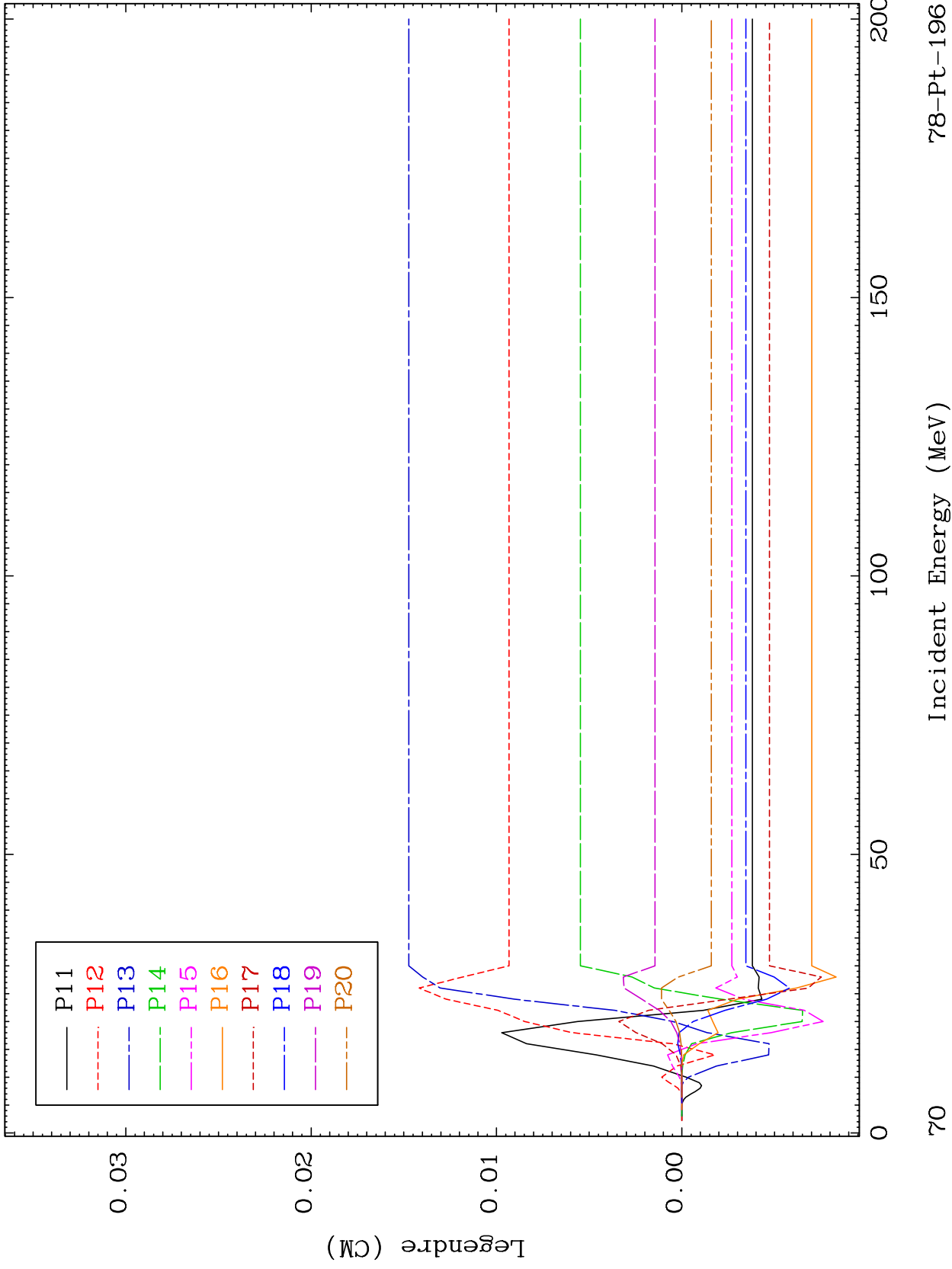
Incident Energy (MeV)

69

MAT 7843

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

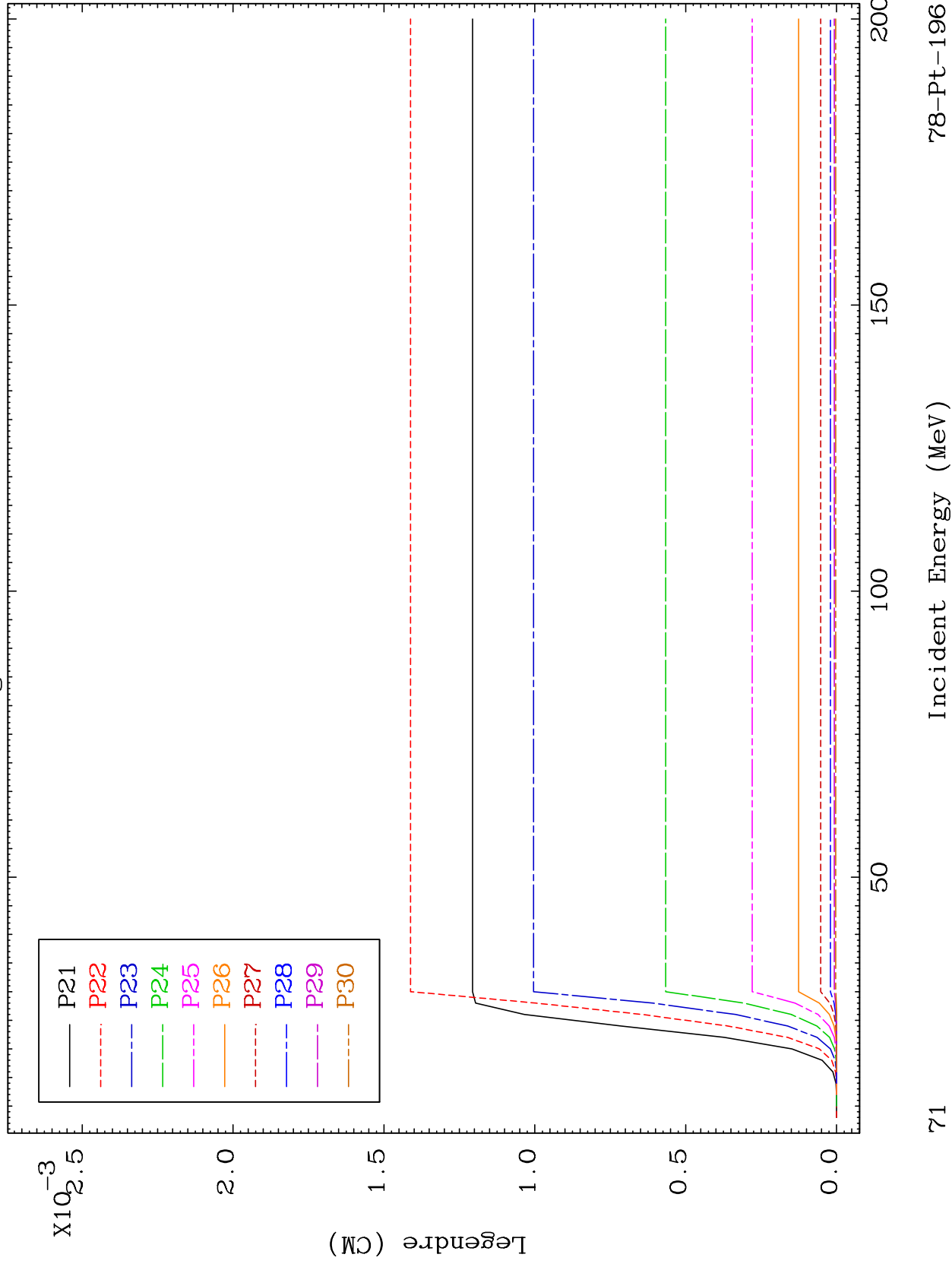
78-Pt-196



MAT 7843

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

78-Pt-196



71

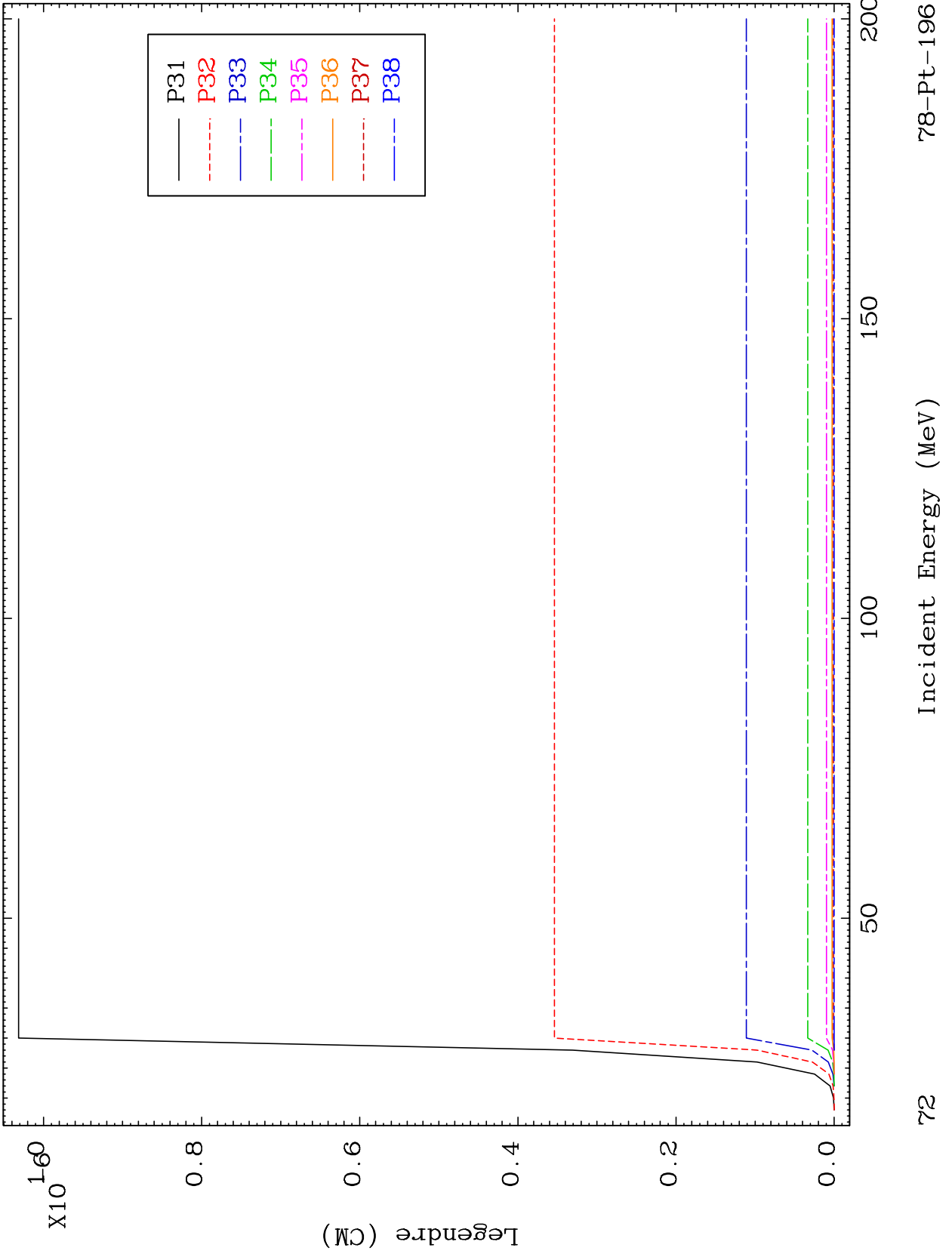
Incident Energy (MeV)

78-Pt-196

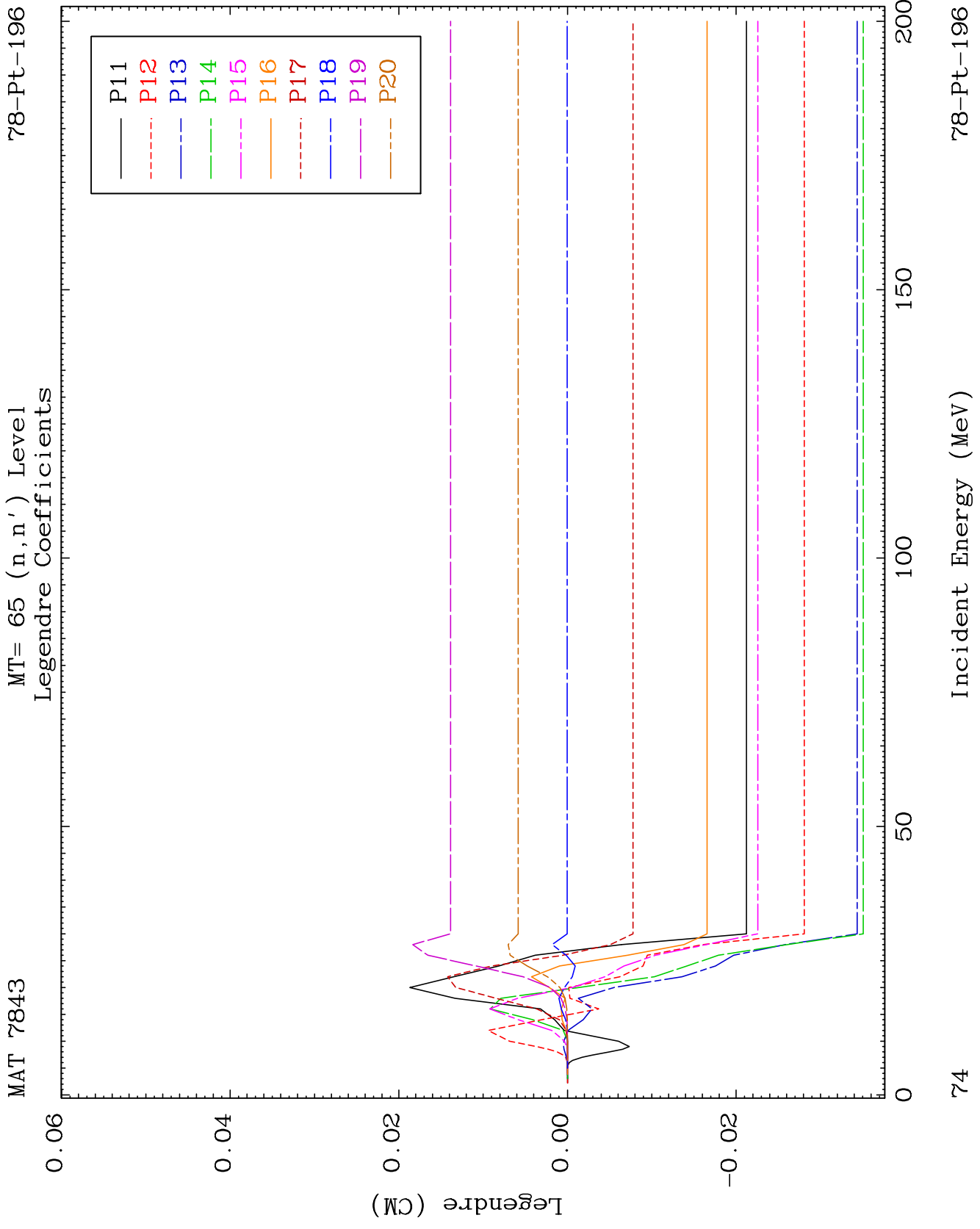
MAT 7843

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

78-Pt-196



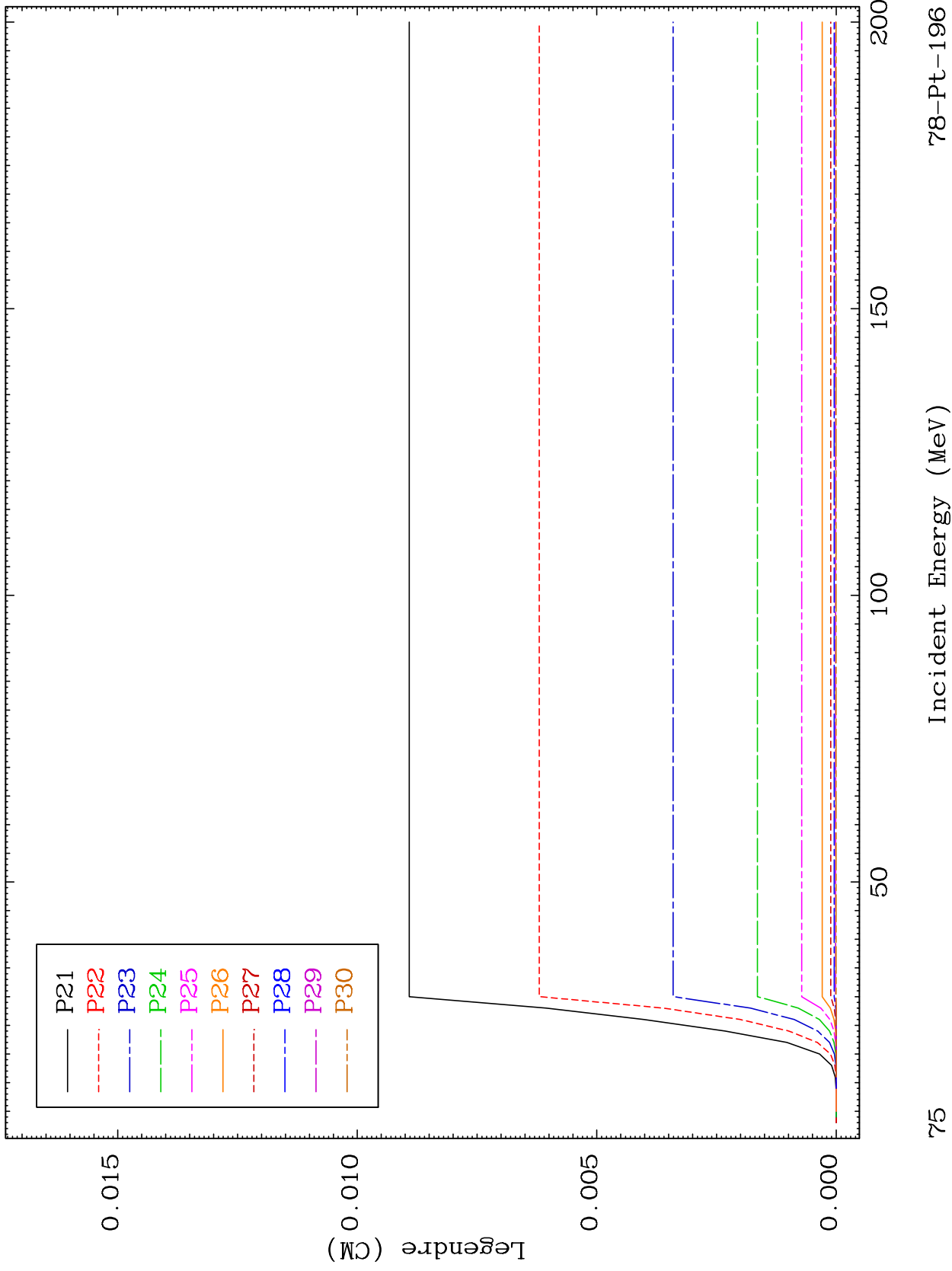
72



MAT 7843

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

78-Pt-196



75

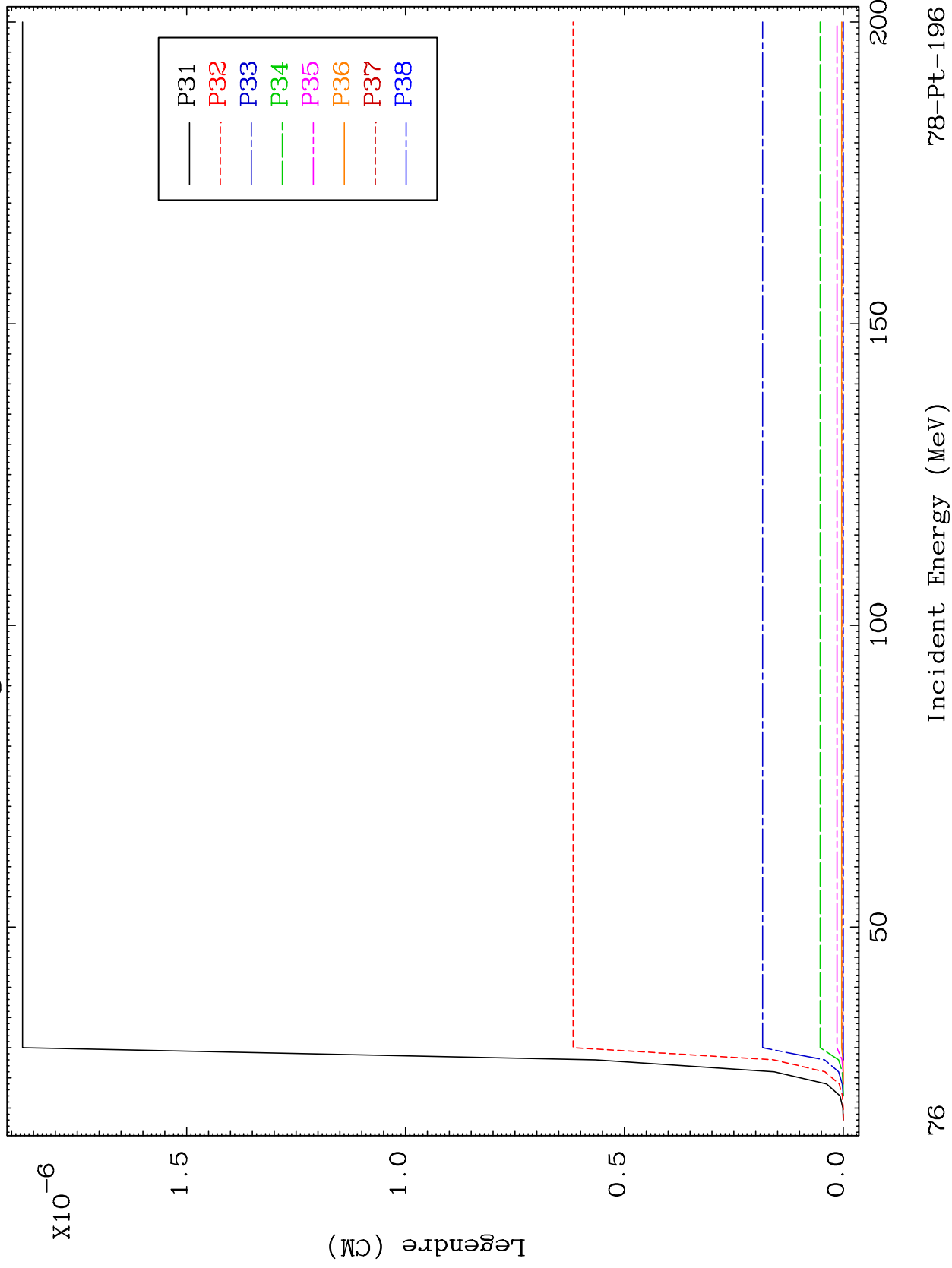
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

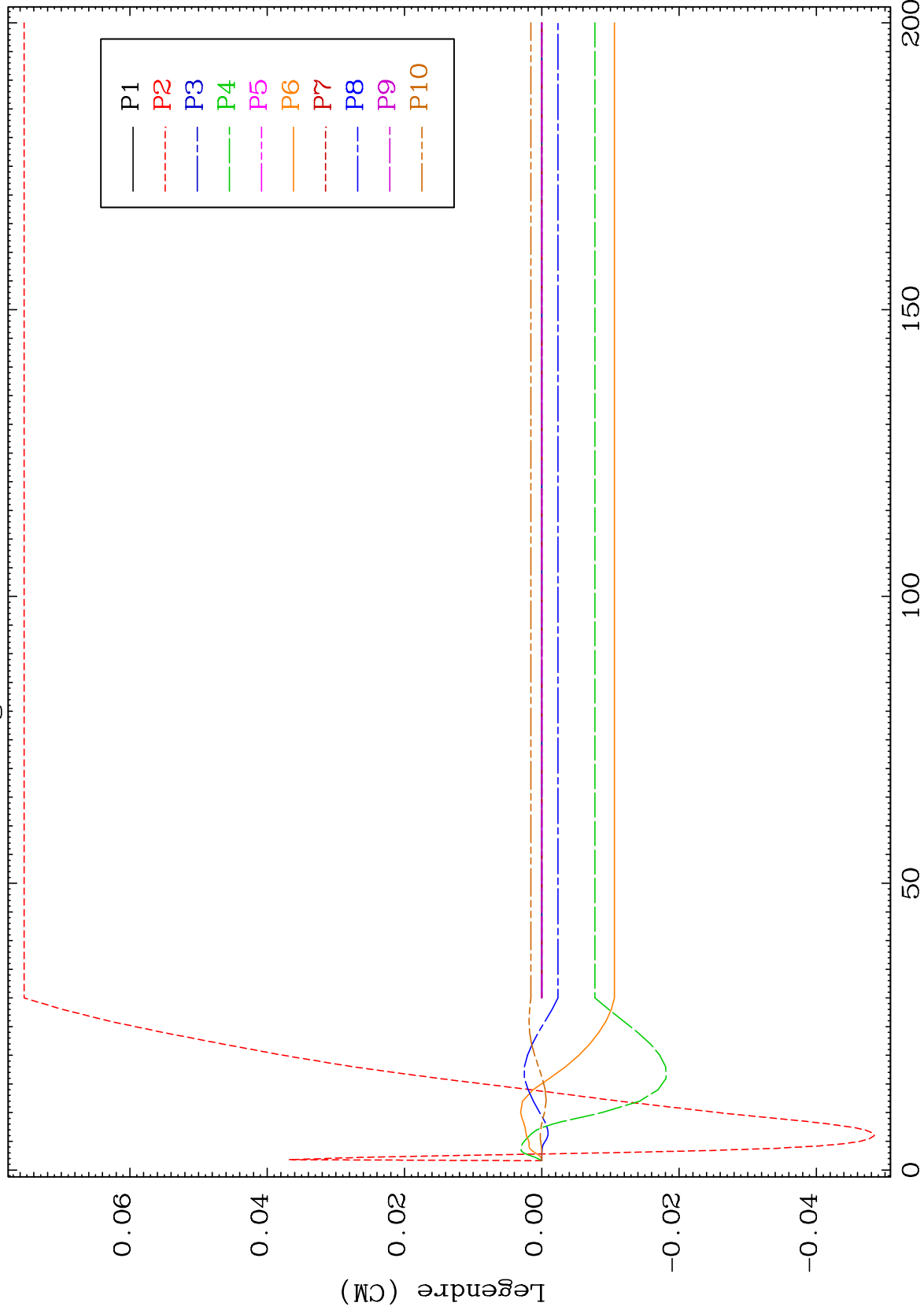
78-Pt-196



MAT 7843

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

78-Pt-196



77

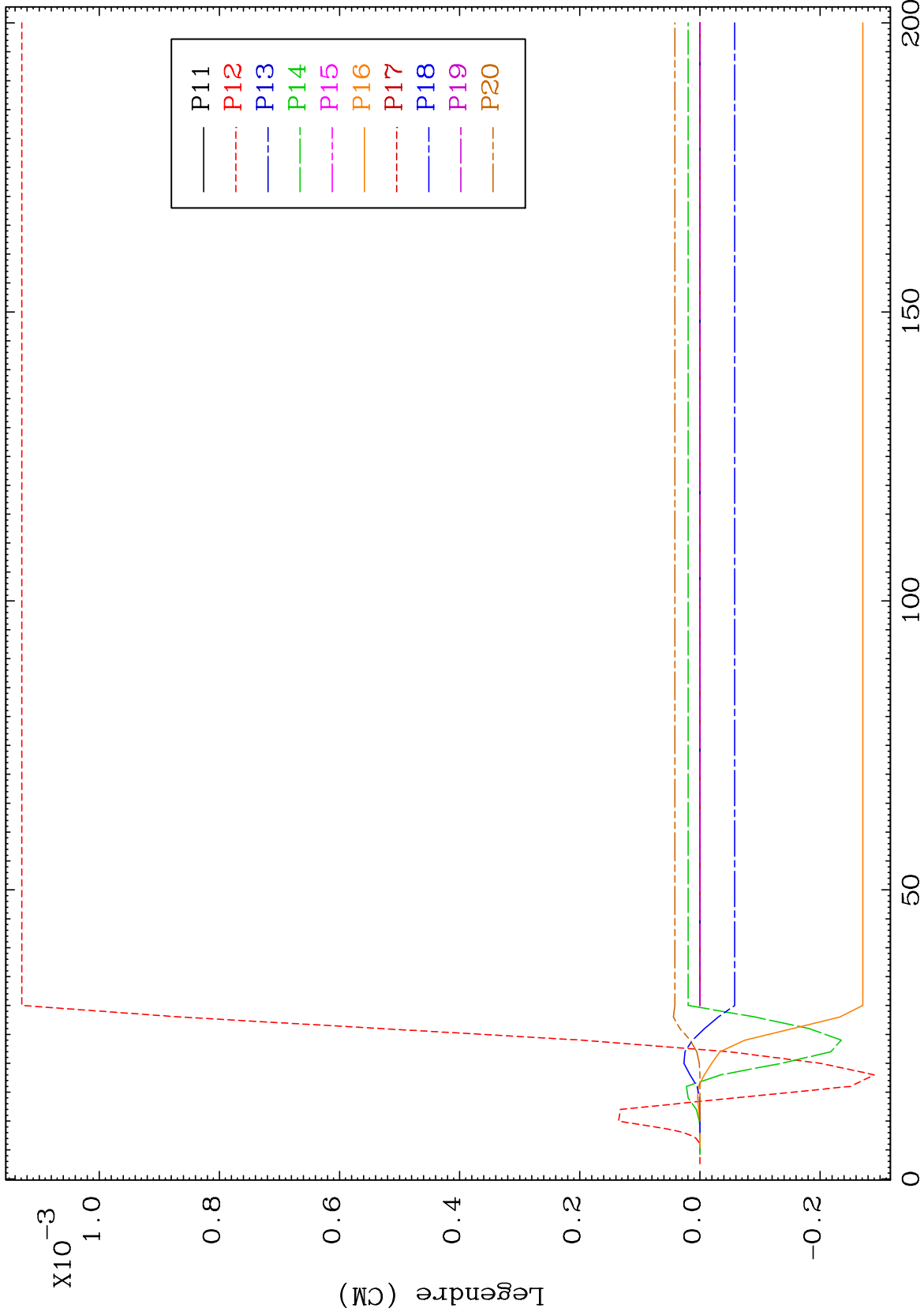
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

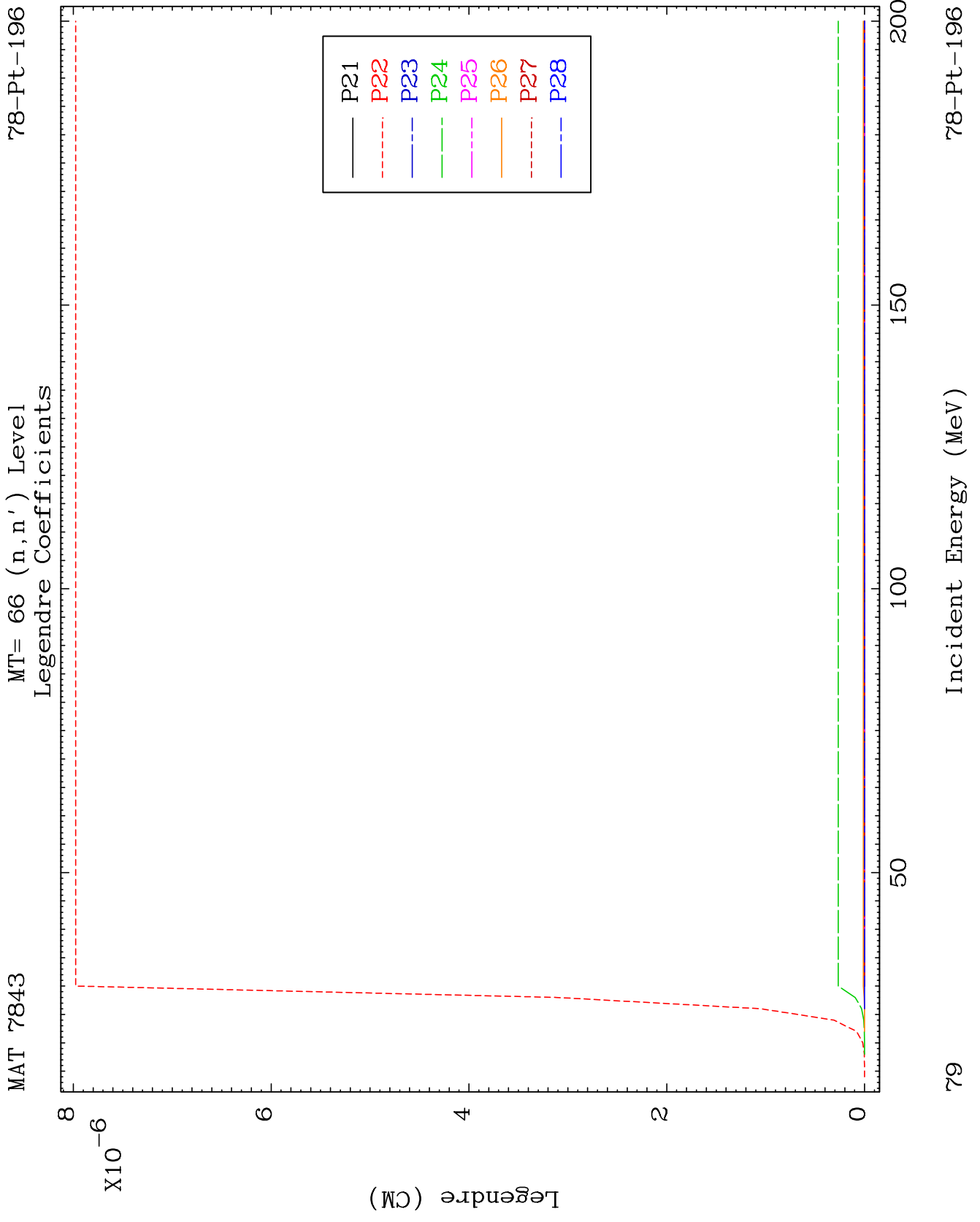
78-Pt-196



78

Incident Energy (MeV)

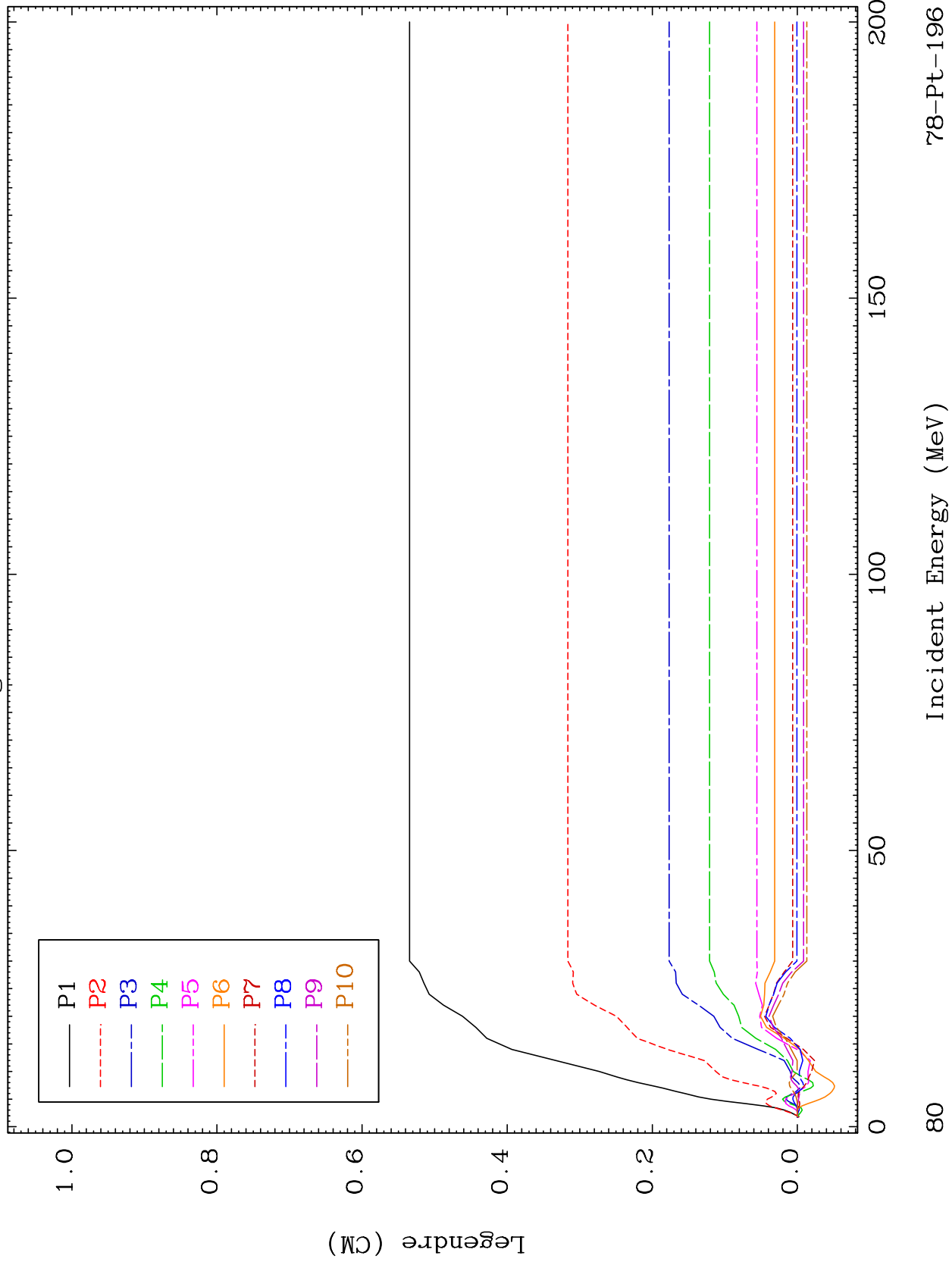
78-Pt-196



MAT 7843

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

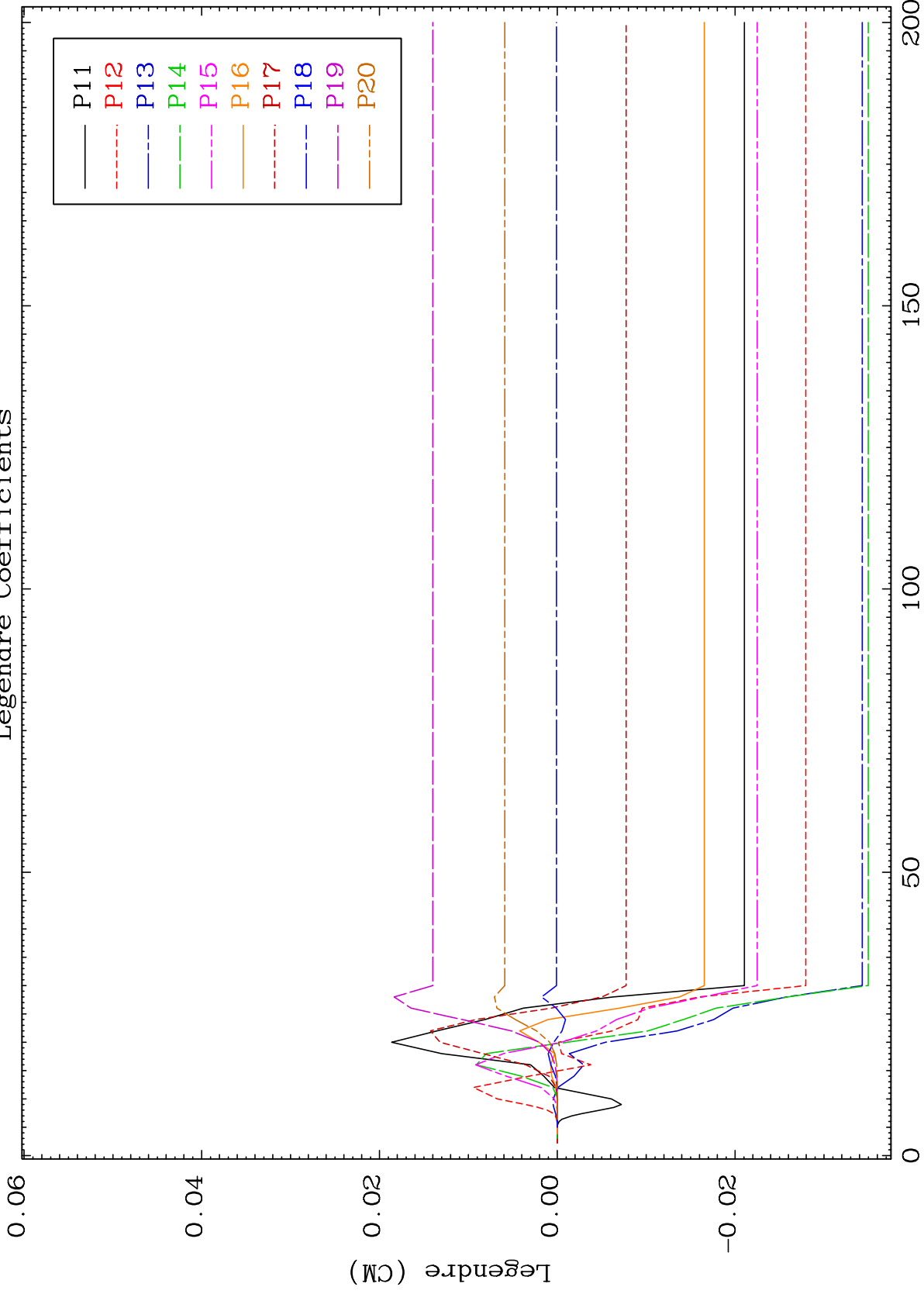
78-Pt-196



MAT 7843

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

78-Pt-196



81

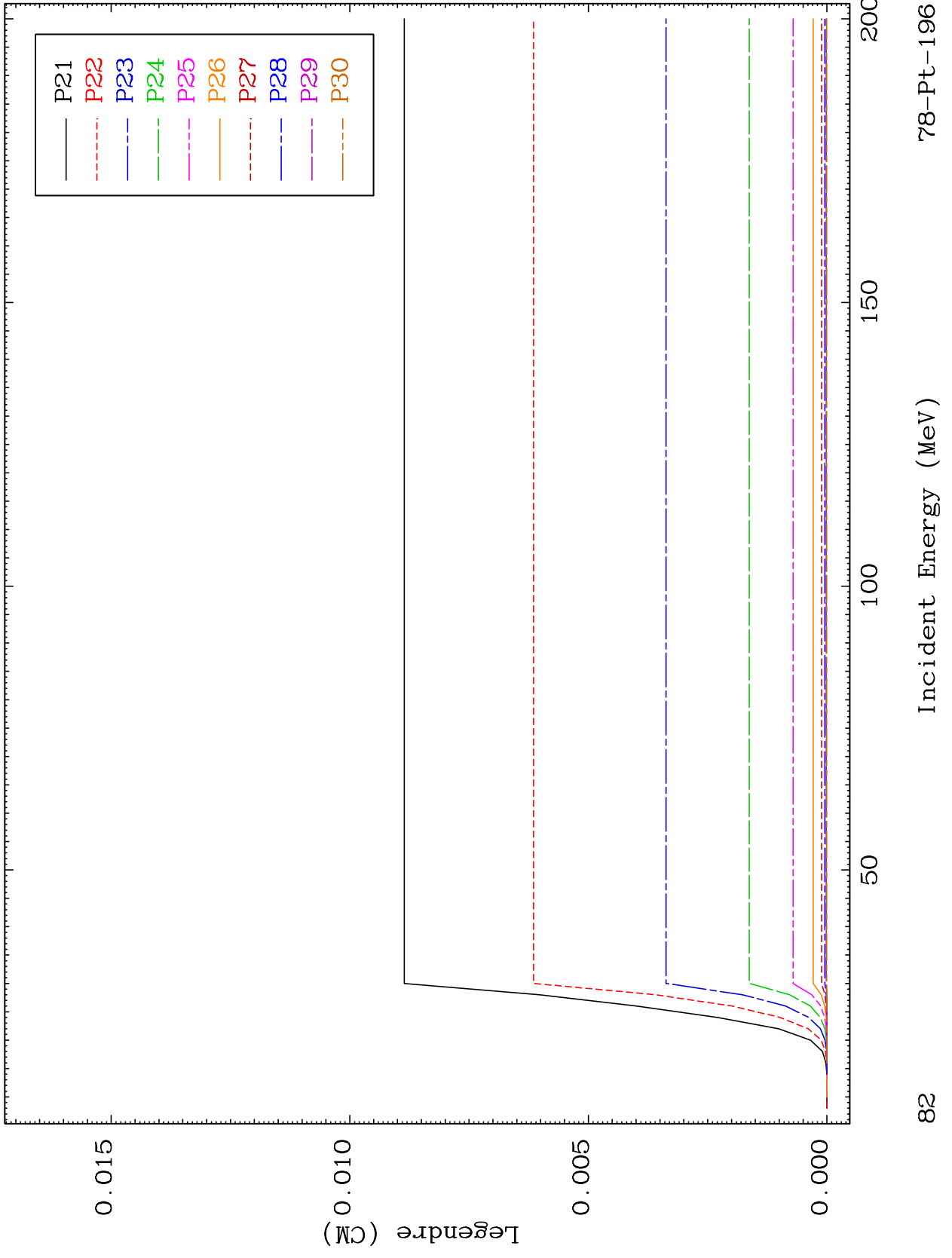
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



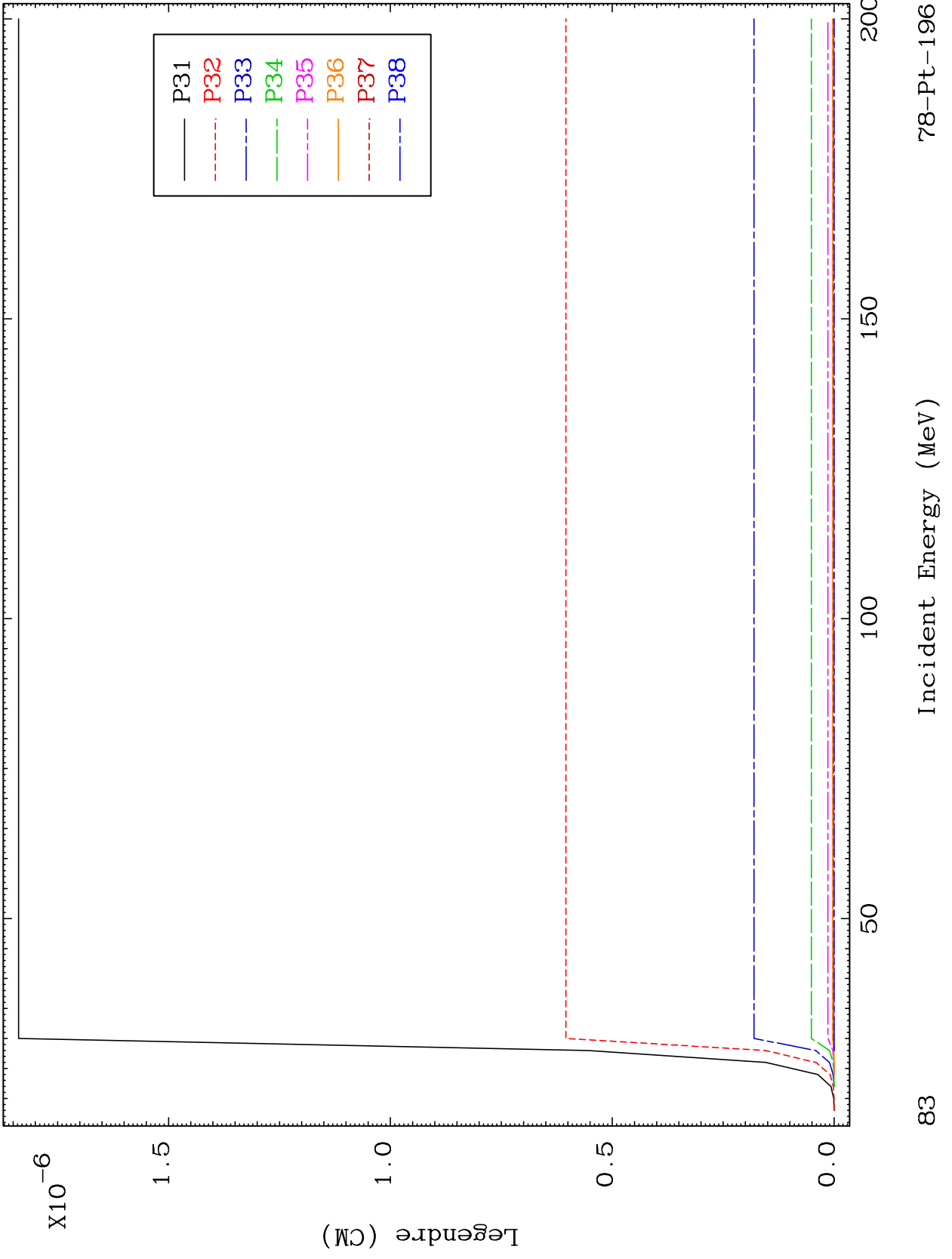
82

78-Pt-196

MAT 7843

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

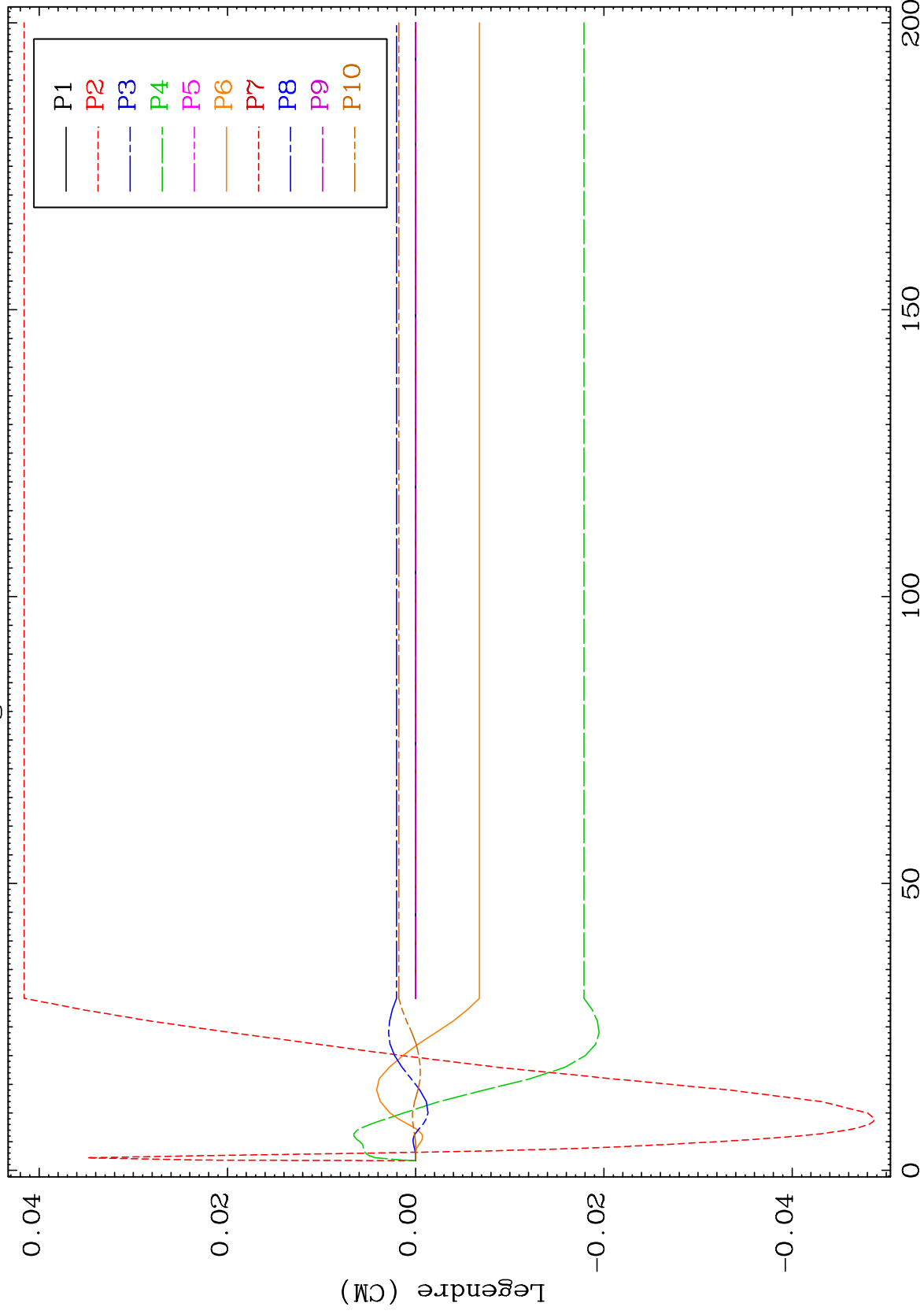
78-Pt-196



MAT 7843

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

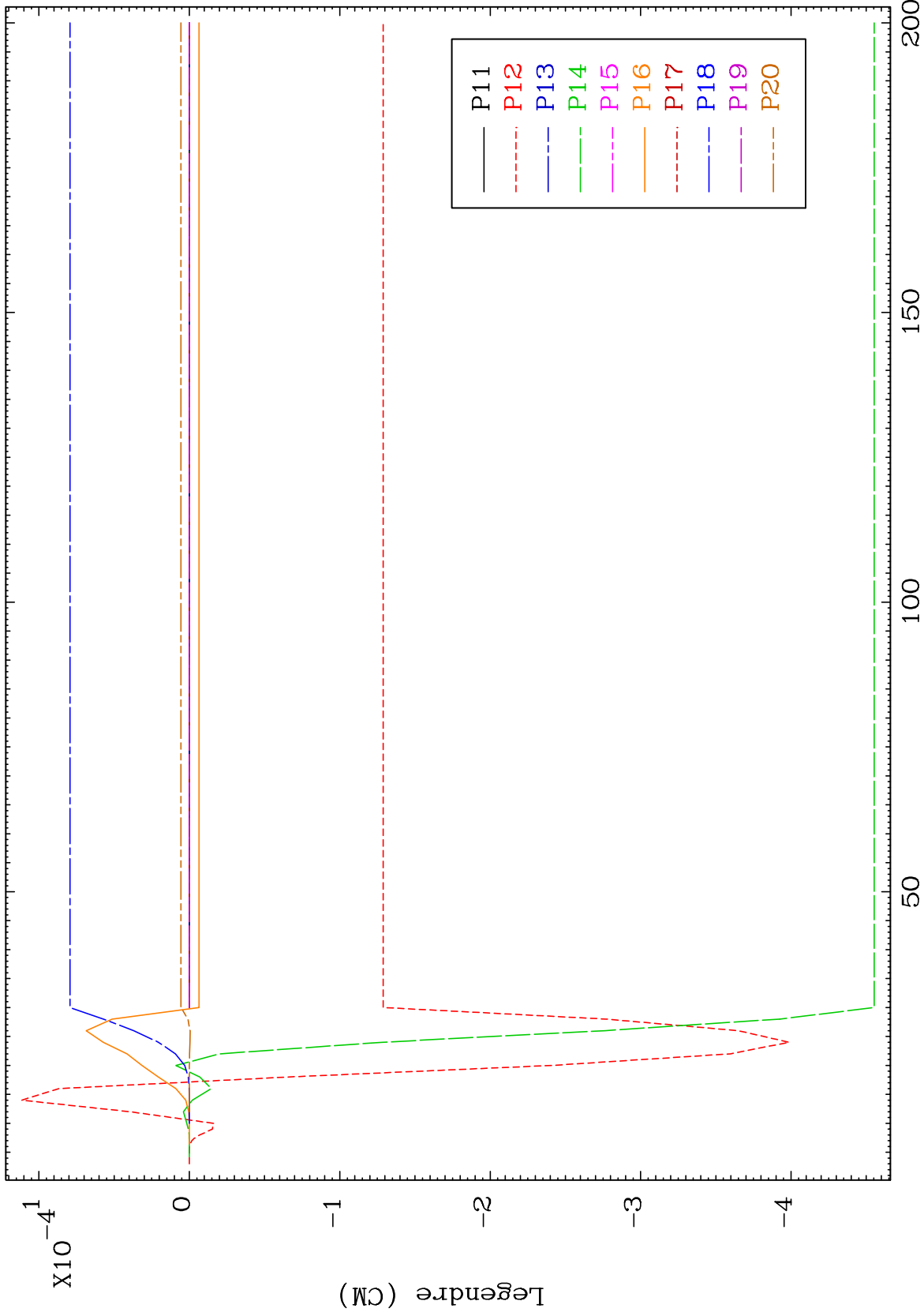
78-Pt-196



84

Incident Energy (MeV)

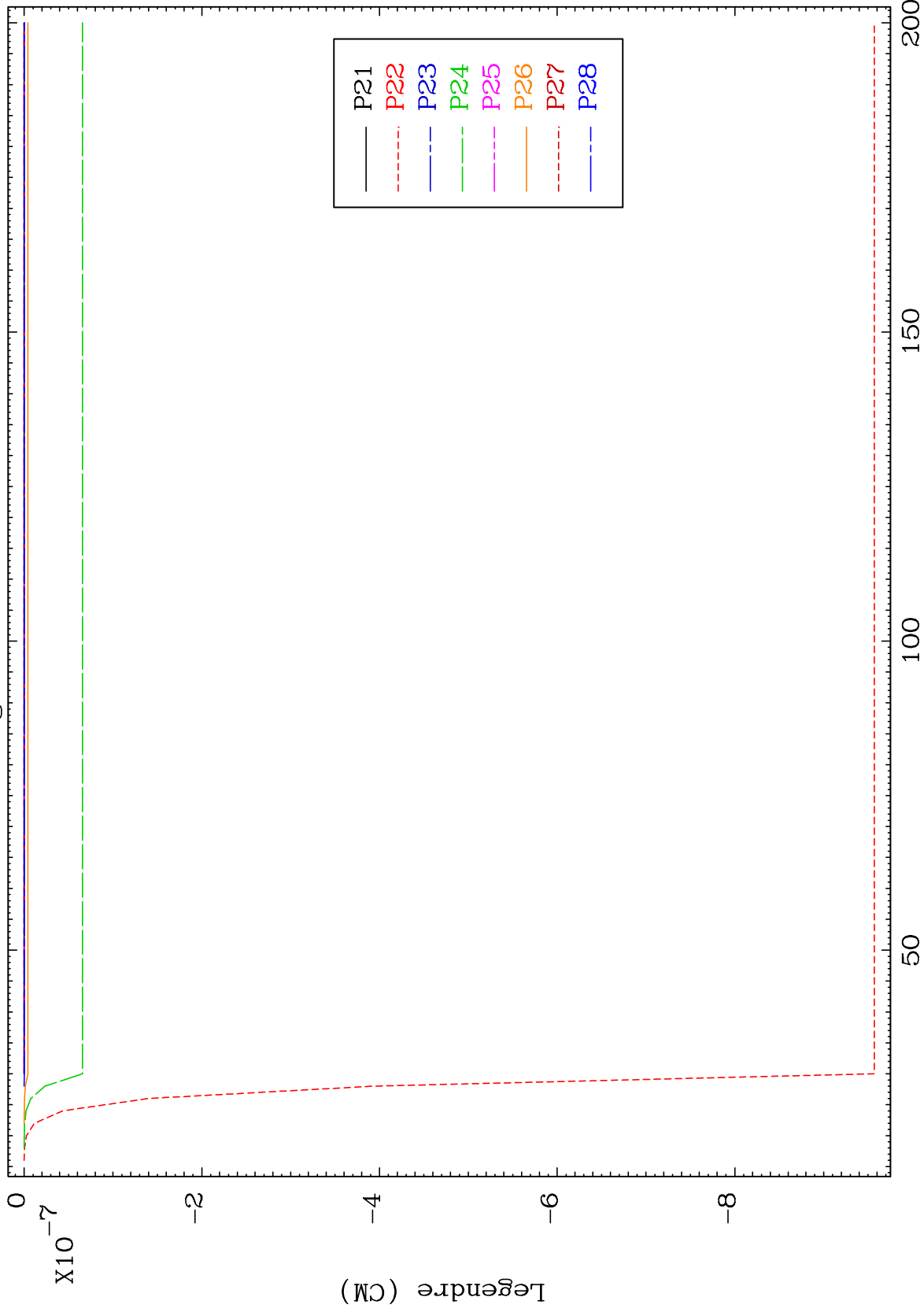
78-Pt-196



MAT 7843

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

78-Pt-196



86

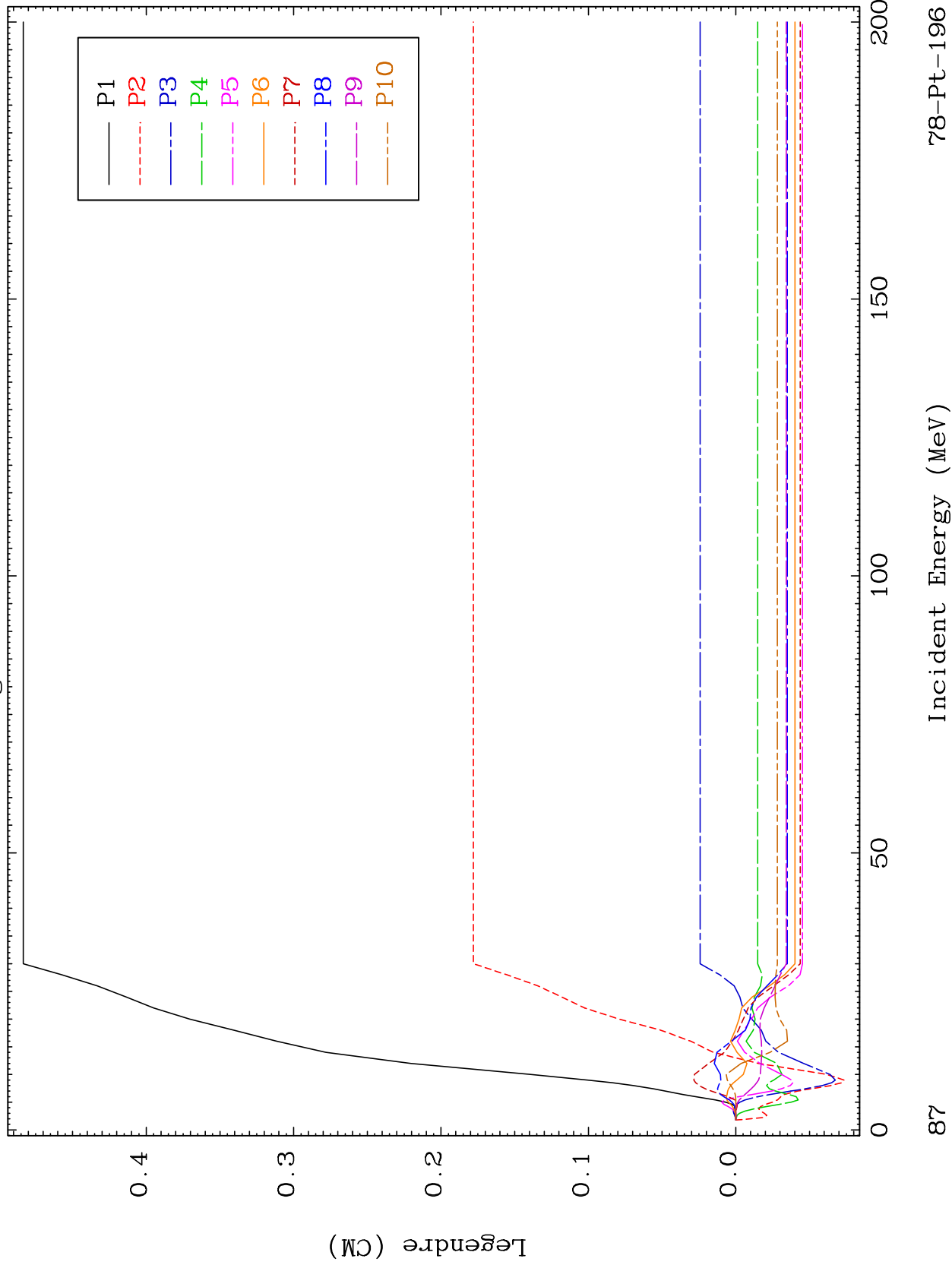
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

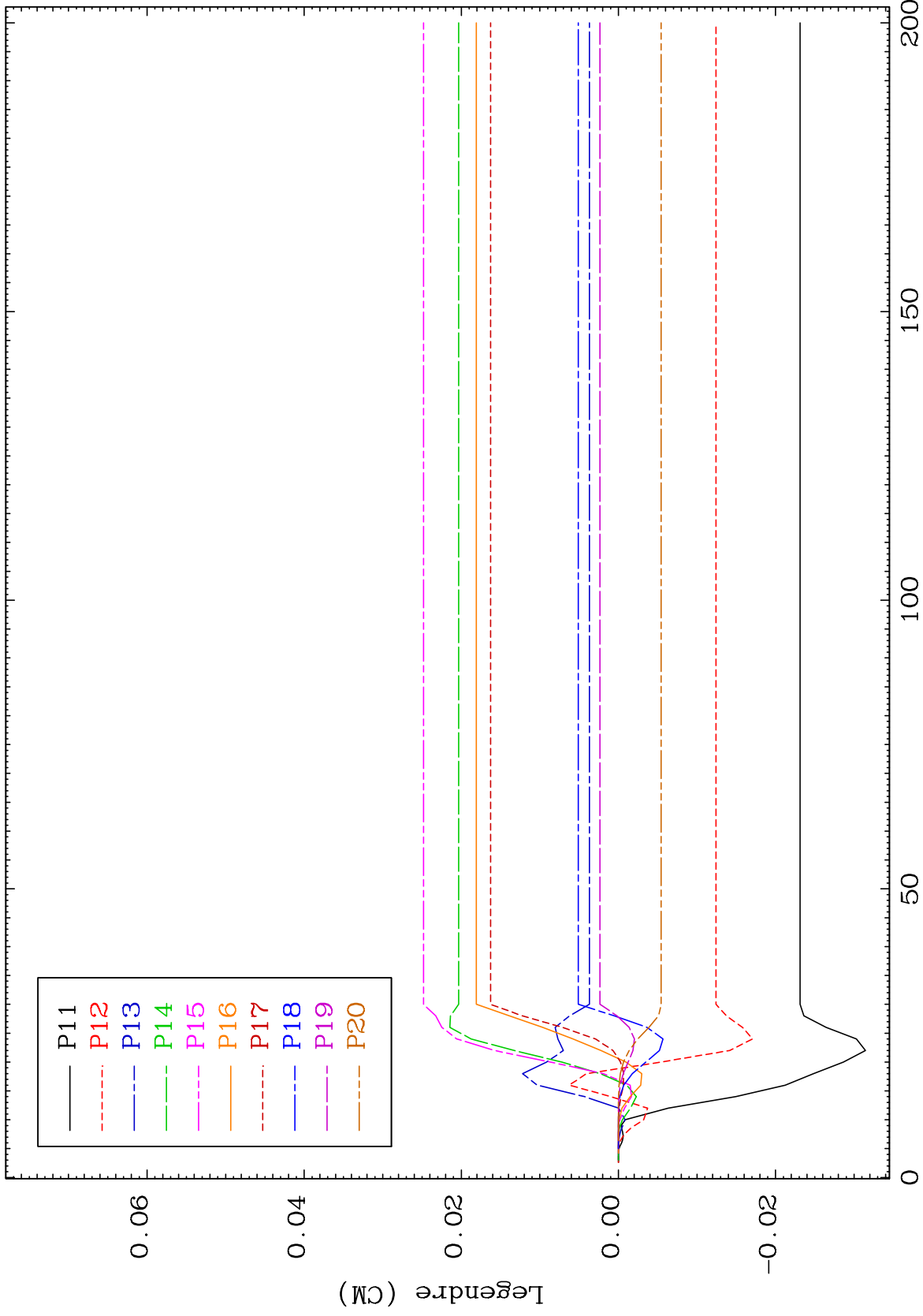
78-Pt-196



MAT 7843

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

78-Pt-196



88

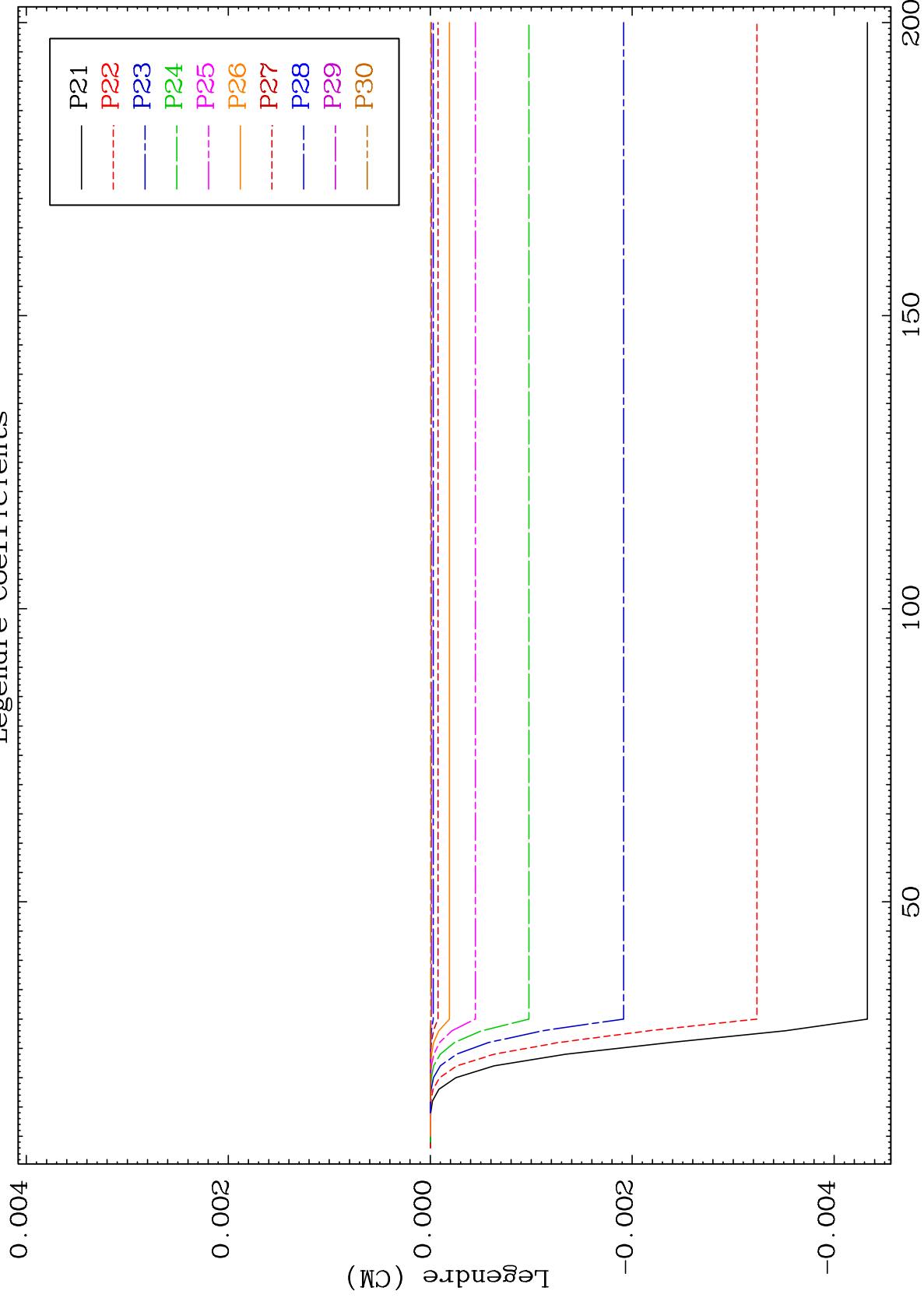
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

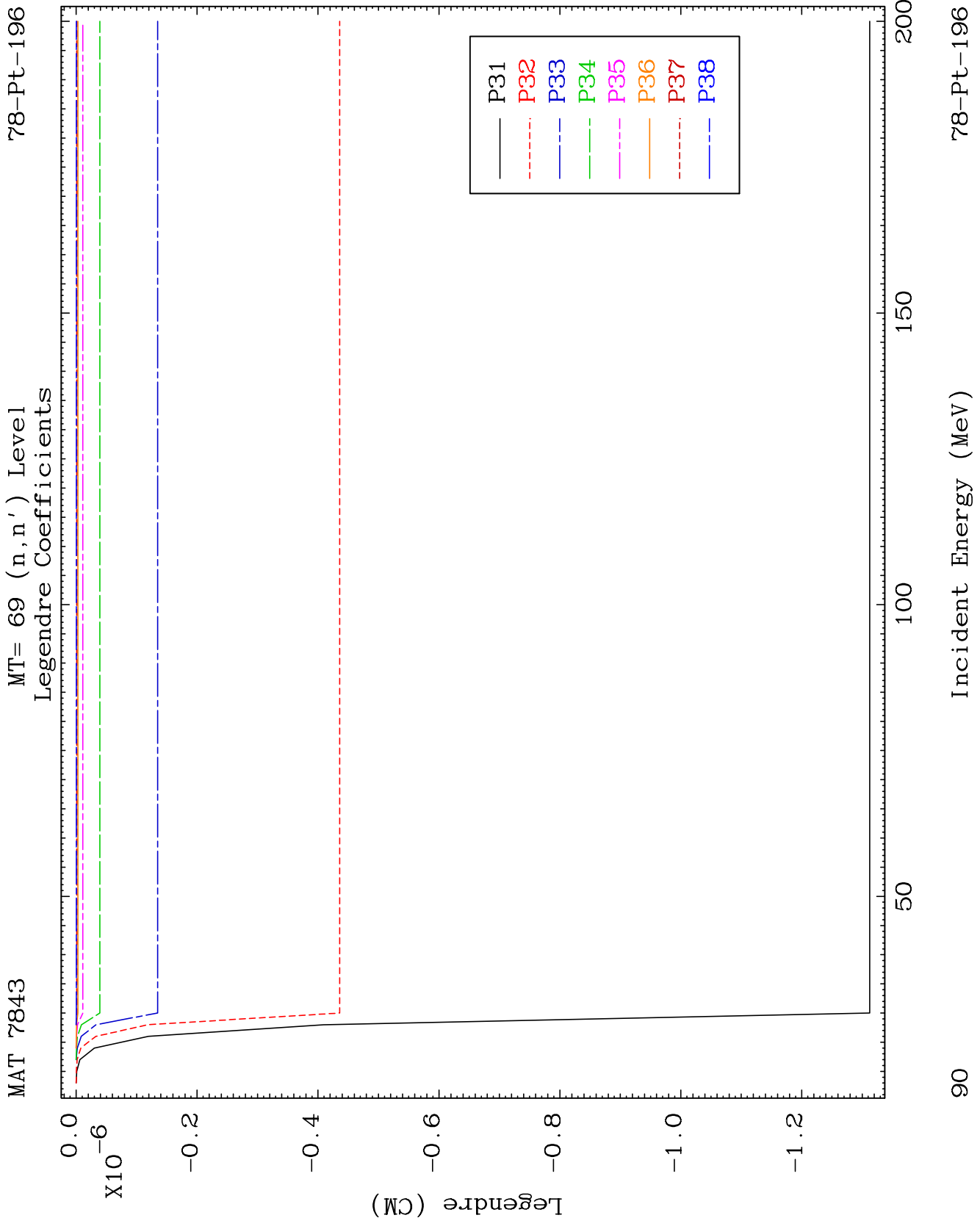
78-Pt-196



89

Incident Energy (MeV)

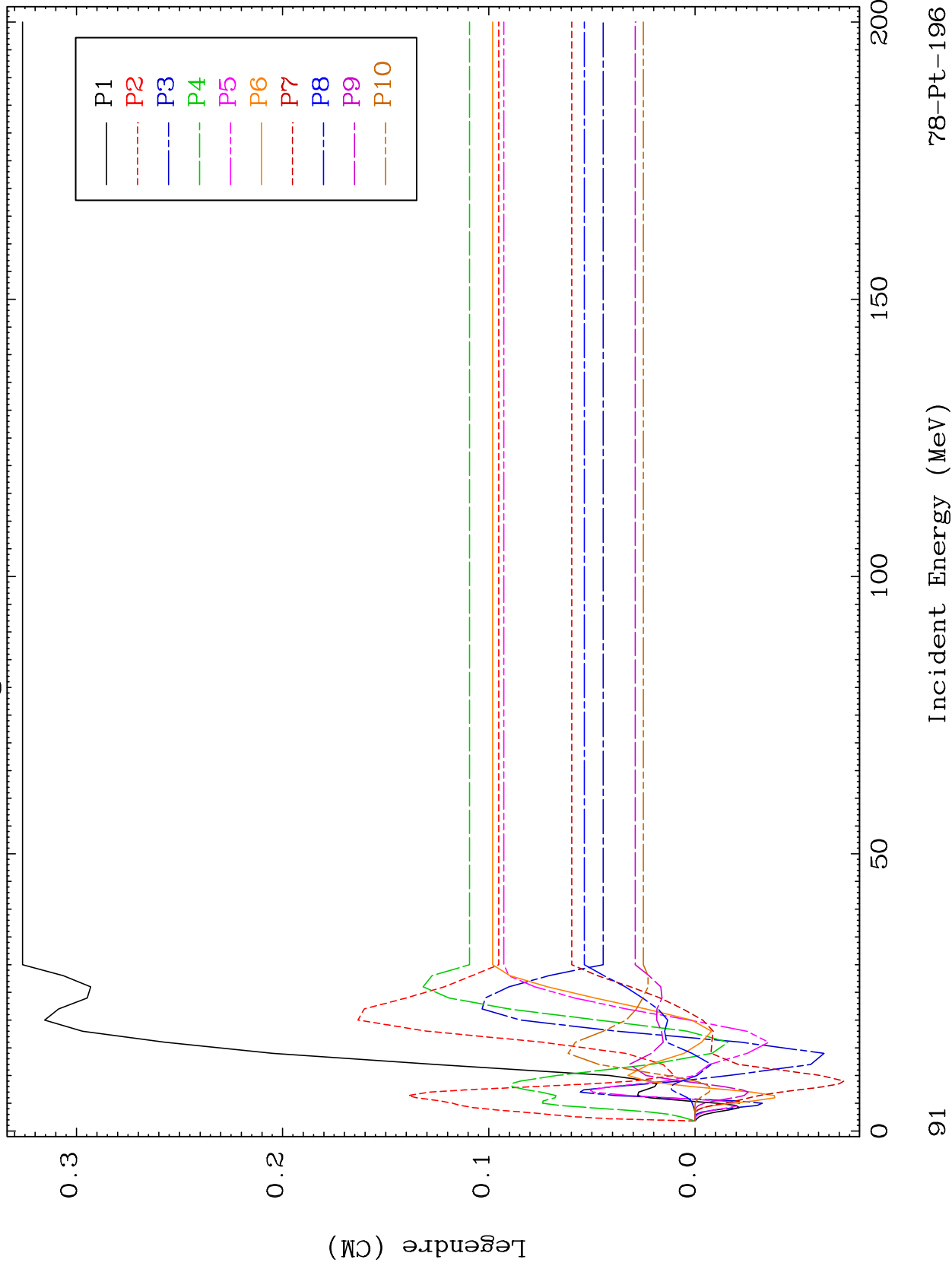
78-Pt-196



MAT 7843

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

78-Pt-196



78-Pt-196

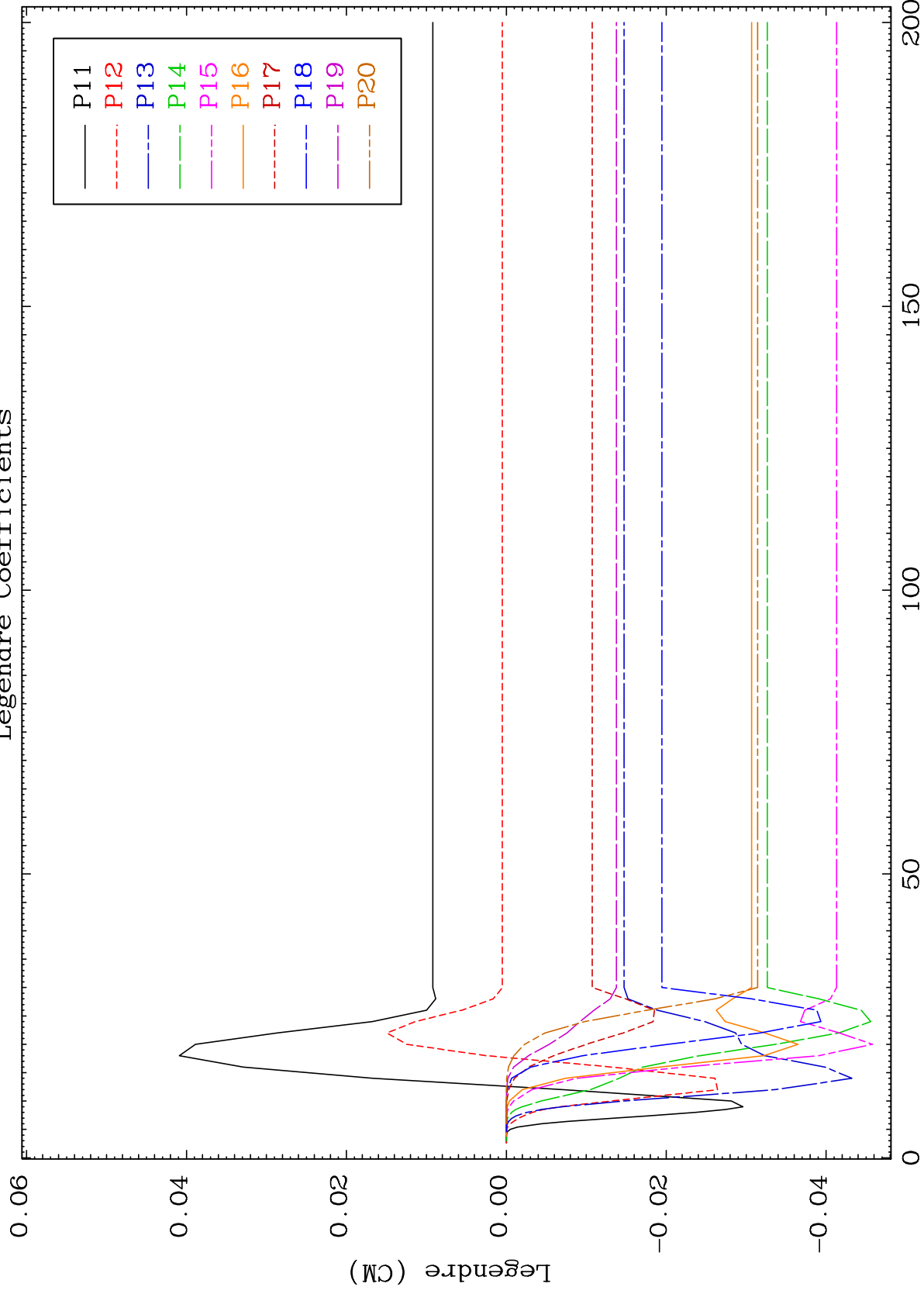
Incident Energy (MeV)

91

MAT 7843

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

78-Pt-196



92

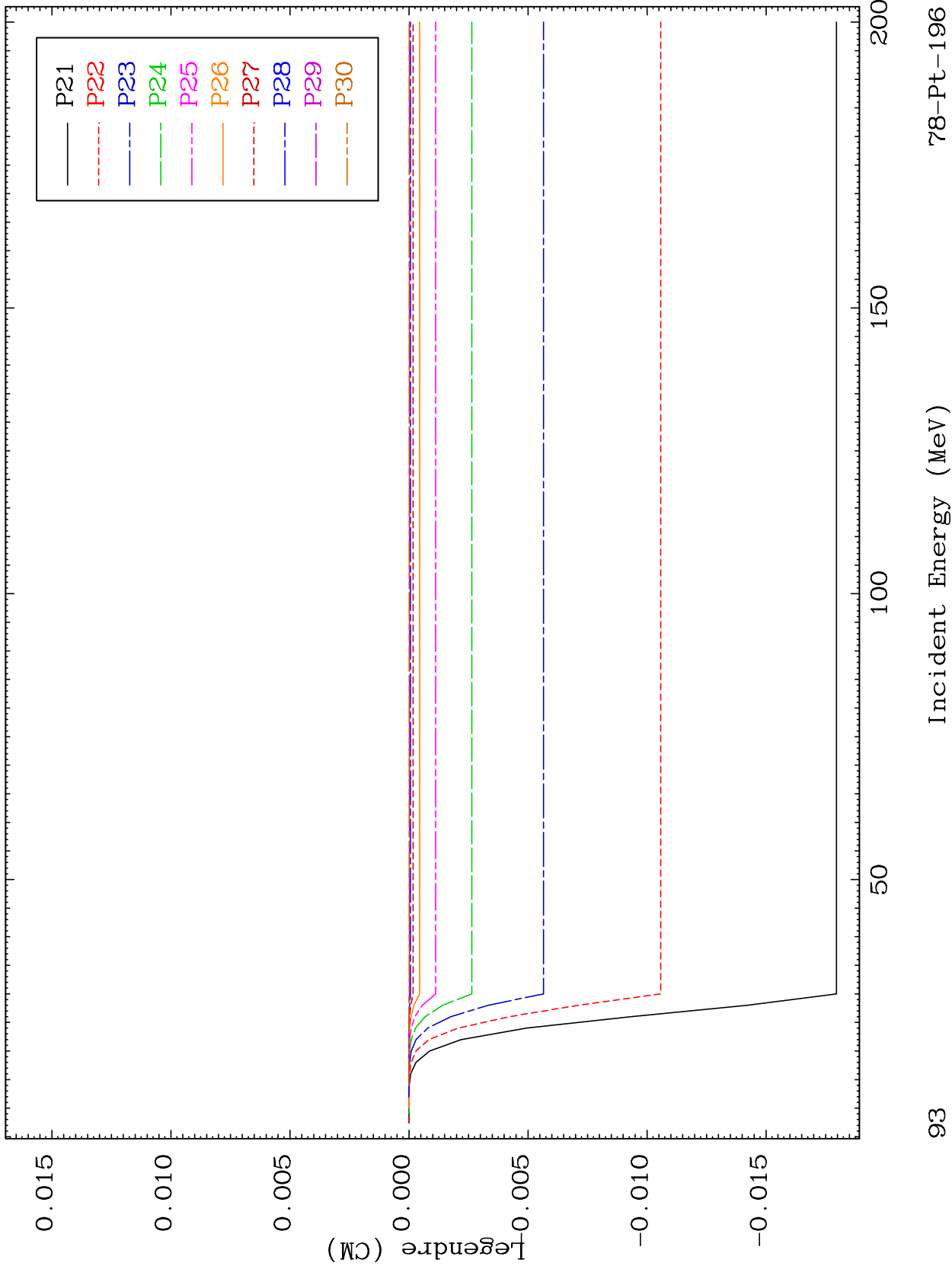
Incident Energy (MeV)

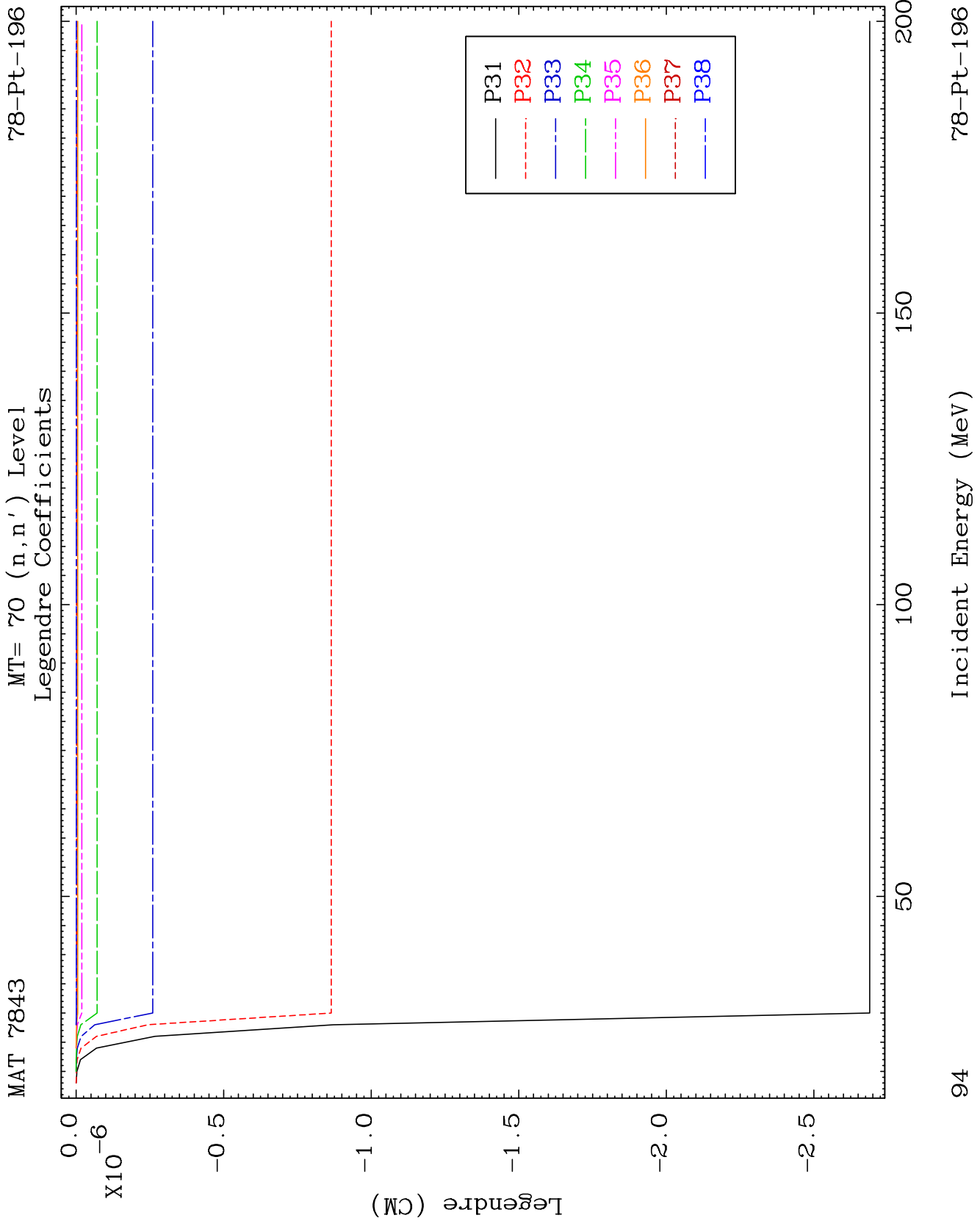
78-Pt-196

MAT 7843

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

78-Pt-196

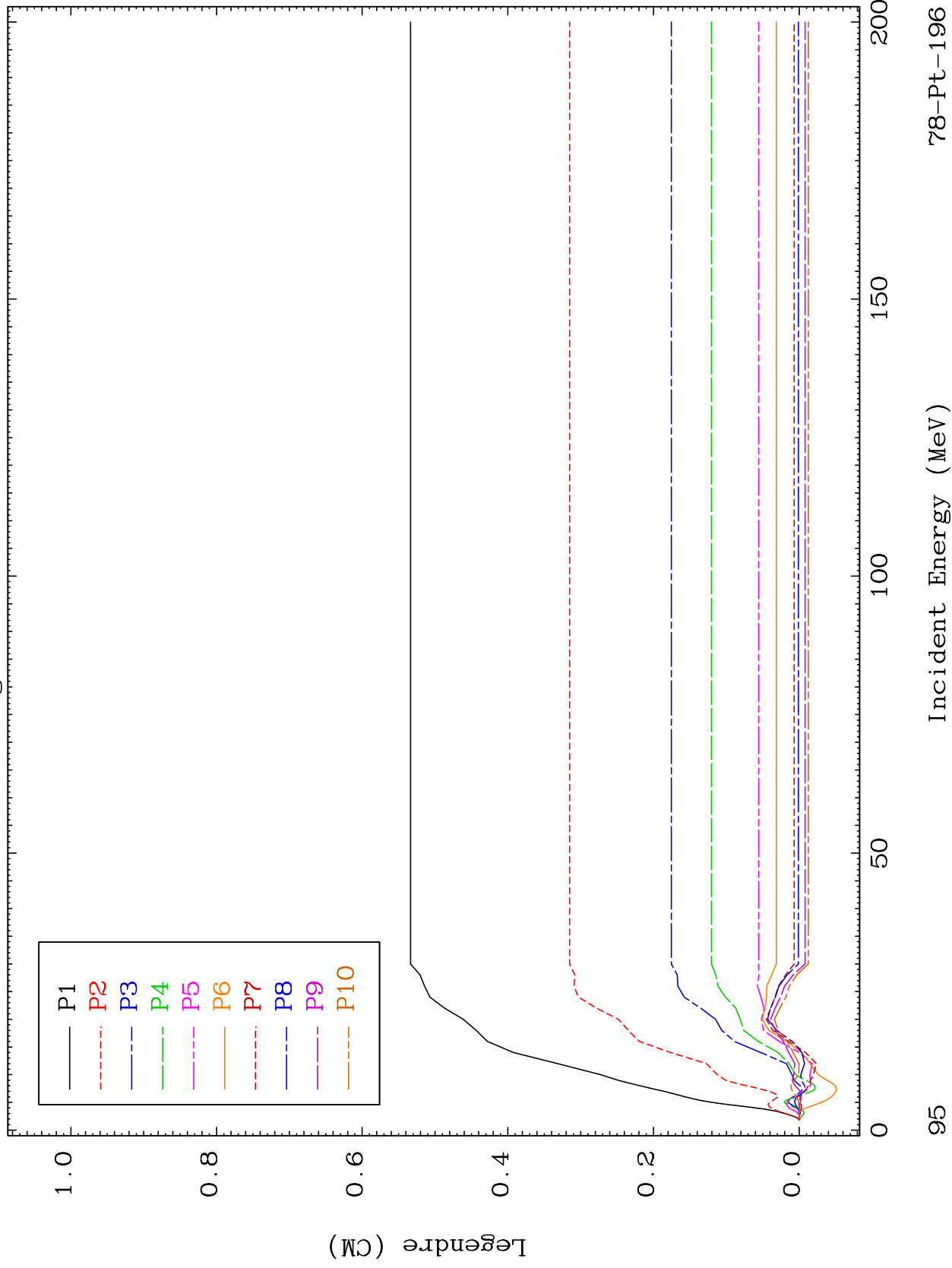




MAT 7843

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

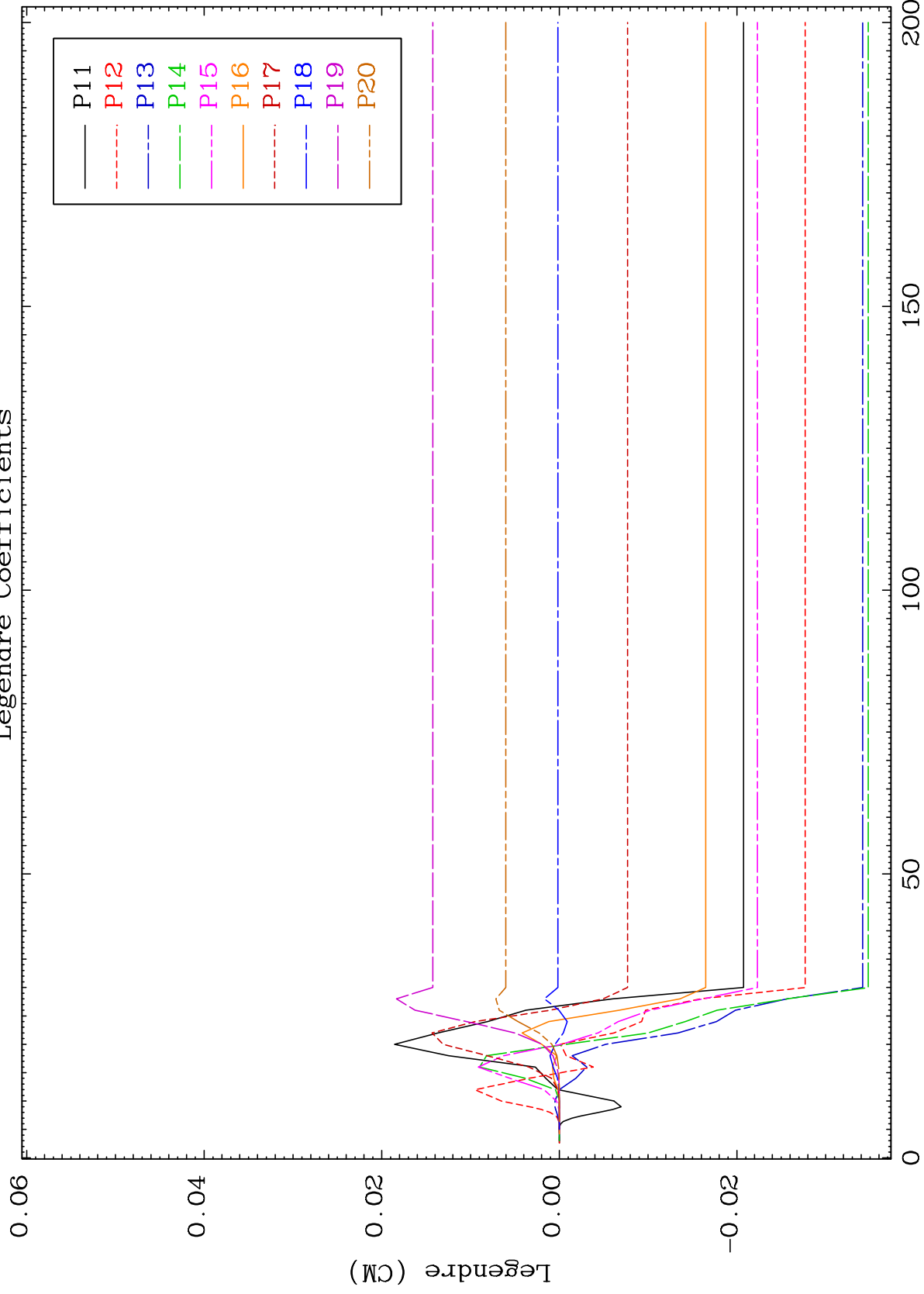
78-Pt-196



MAT 7843

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

78-Pt-196



96

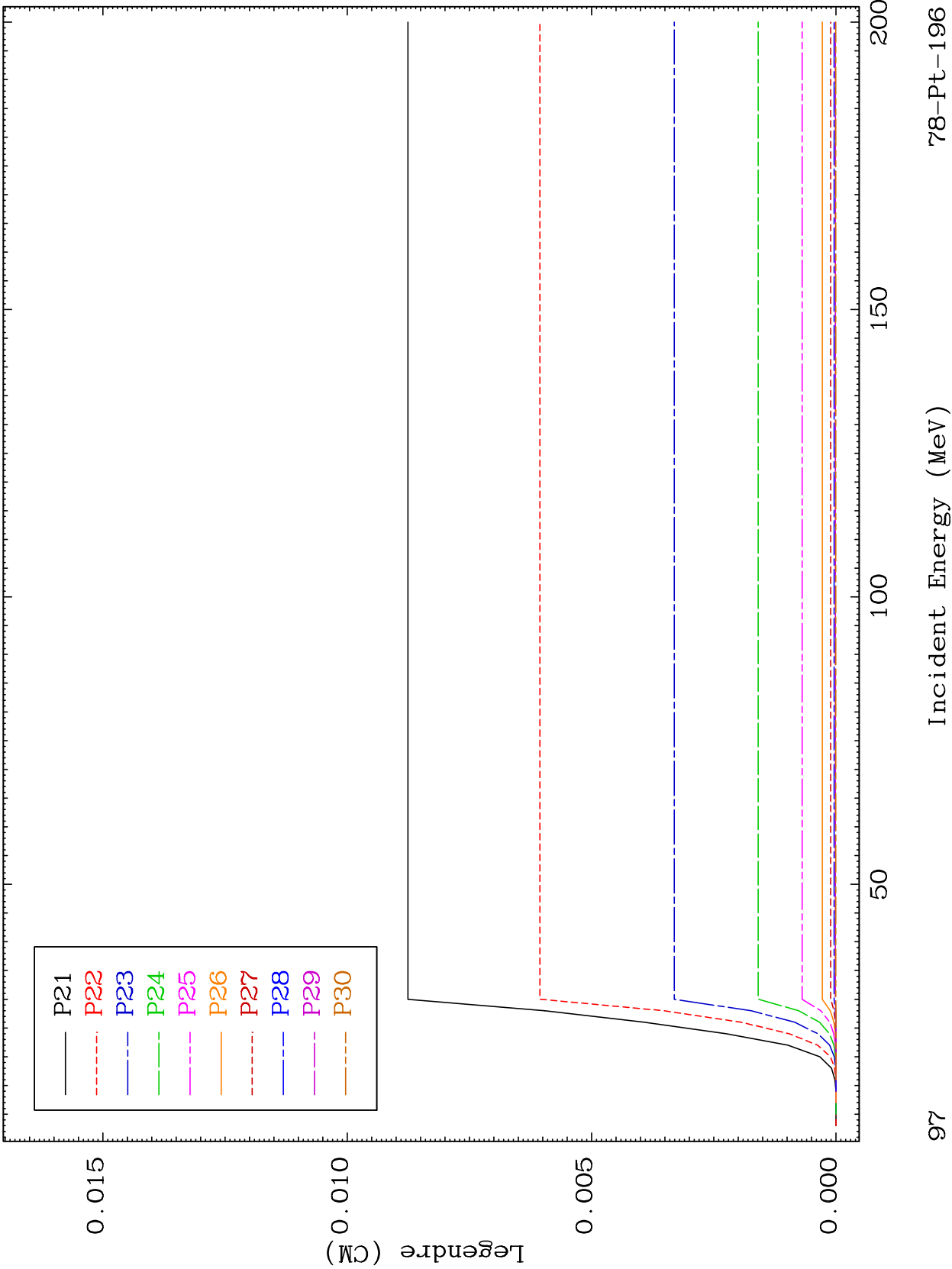
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



97

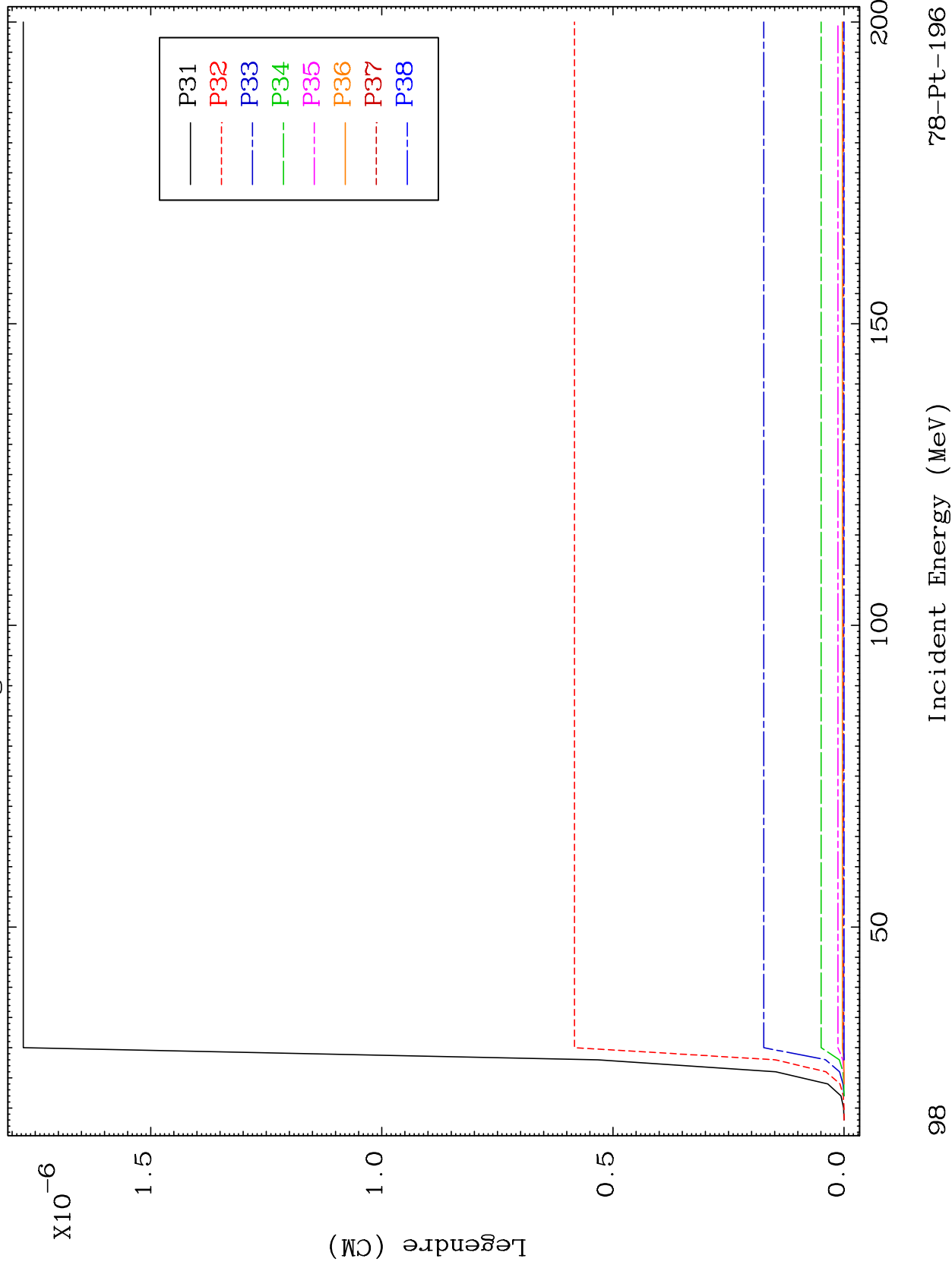
Incident Energy (MeV)

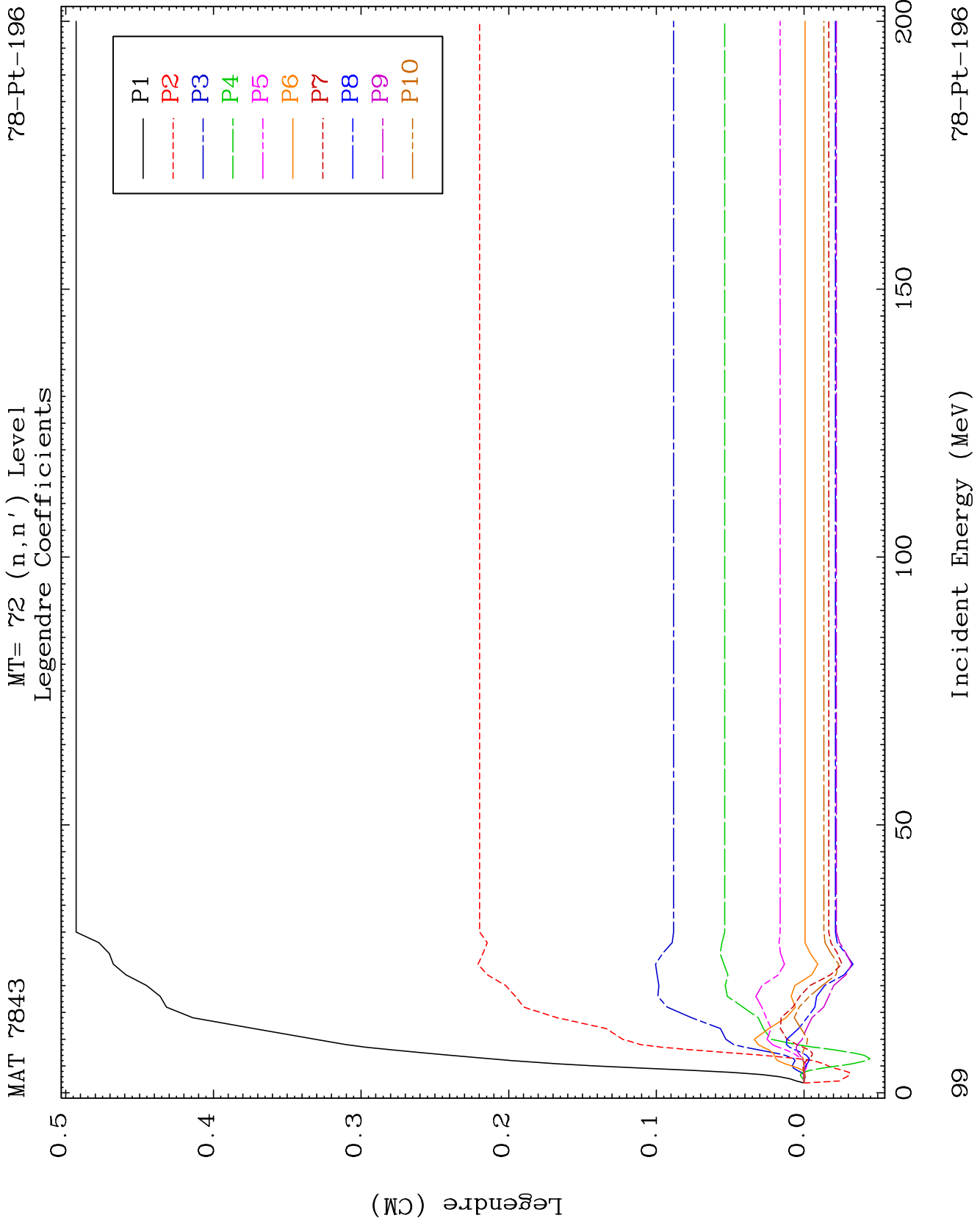
78-Pt-196

MAT 7843

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

78-Pt-196

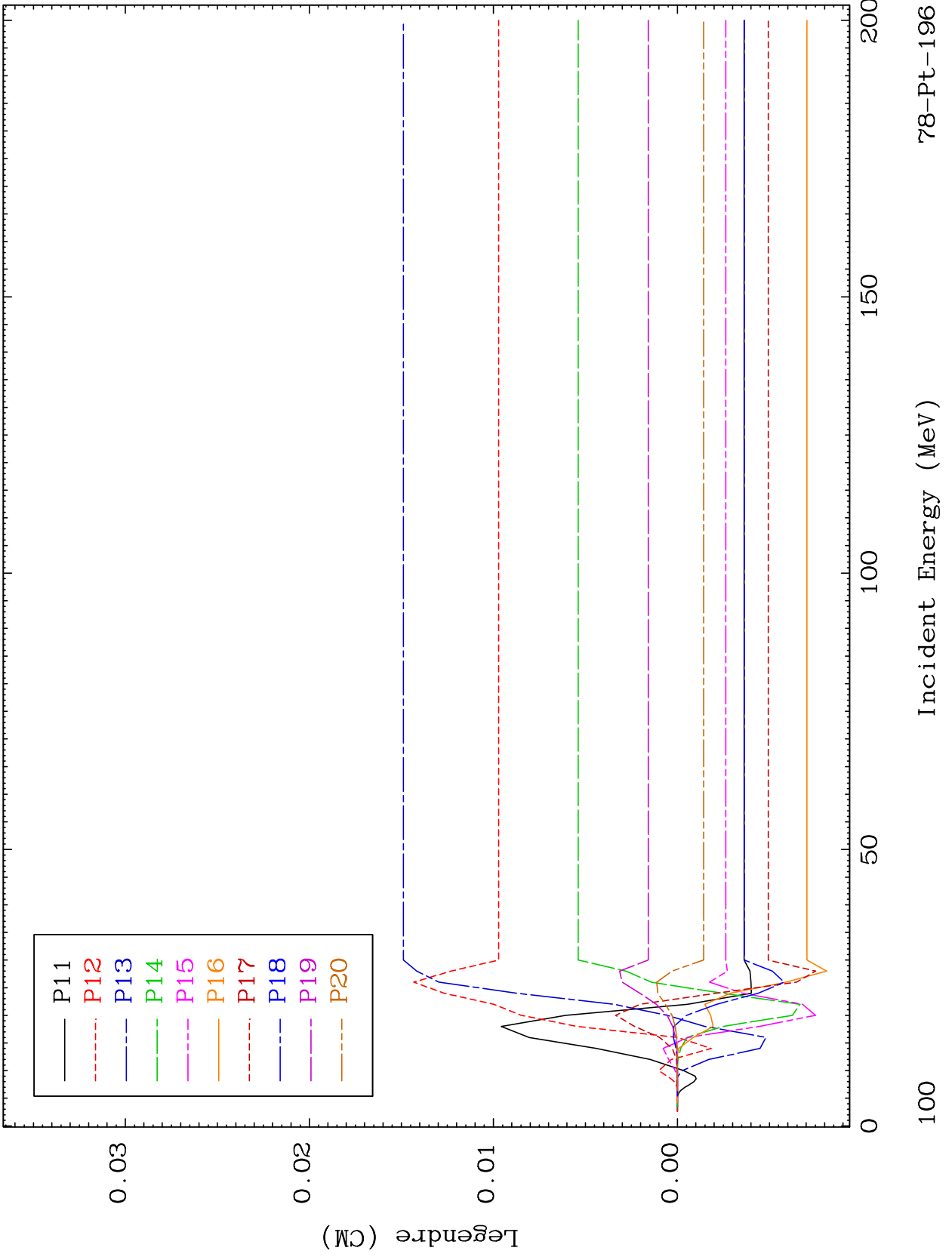




MAT 7843

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

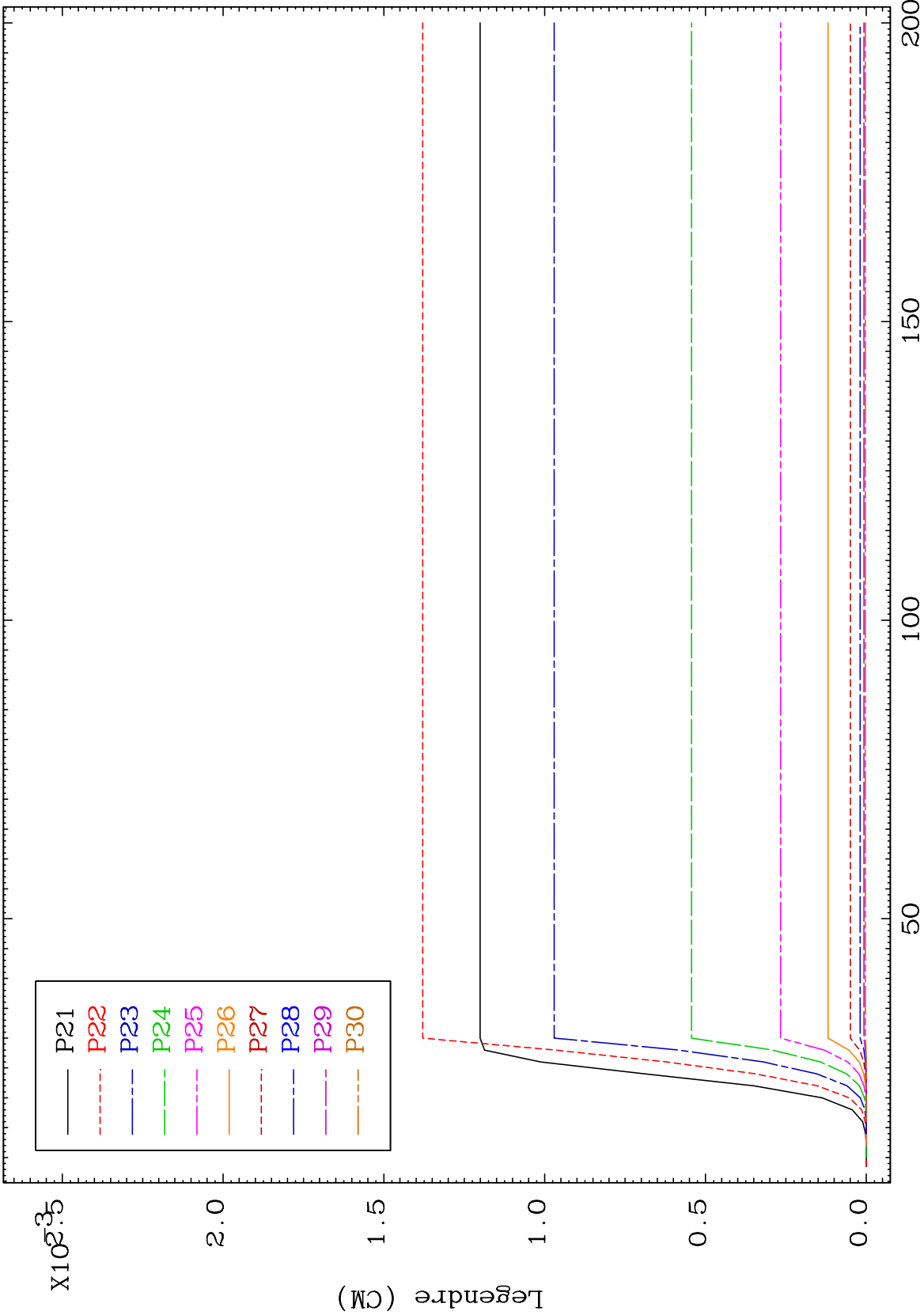
78-Pt-196



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

$\times 10^{-7}$

8

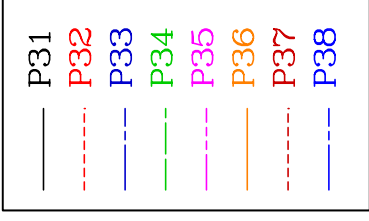
Legendre (CM)

6

4

2

0



50

100

150

200

102

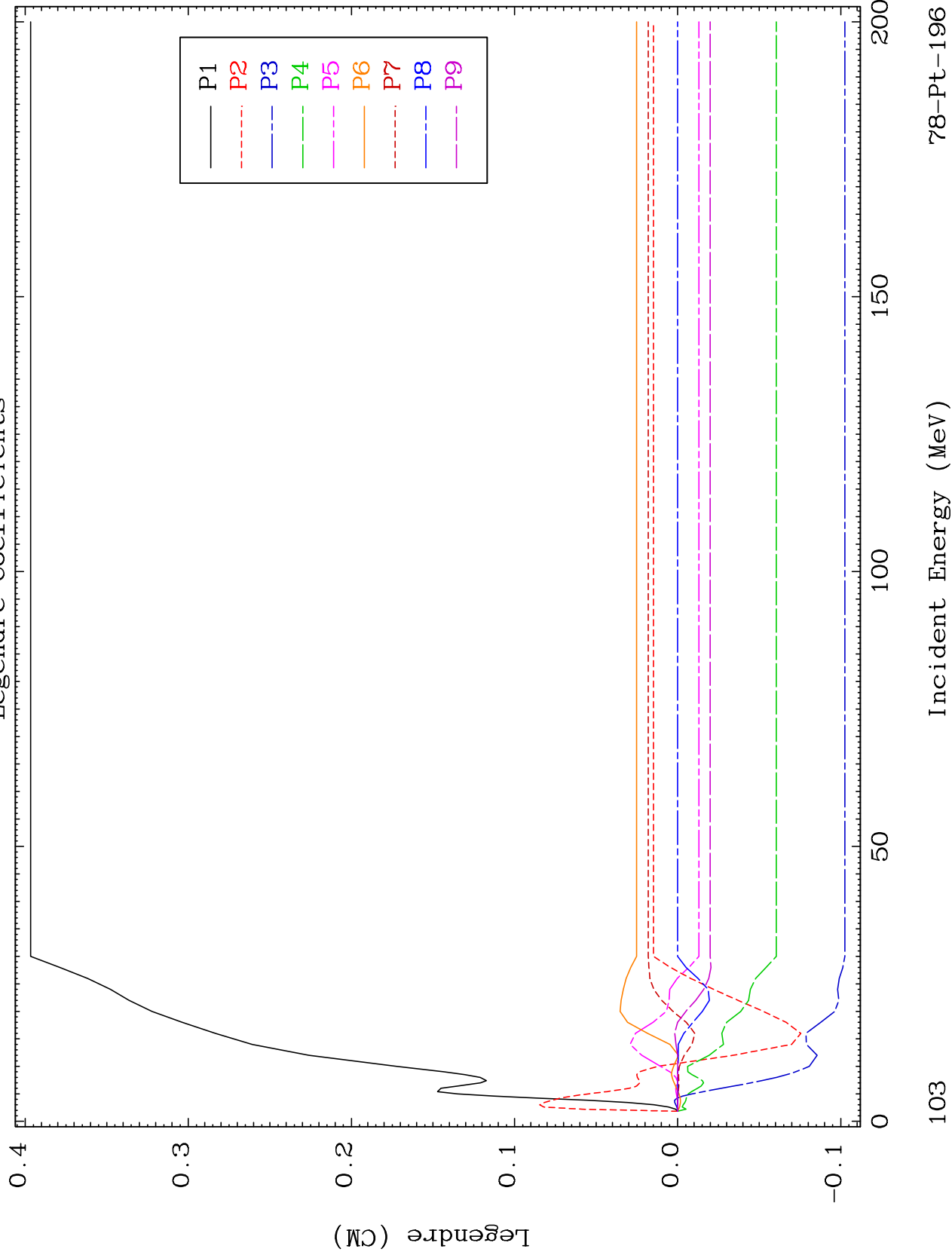
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



103

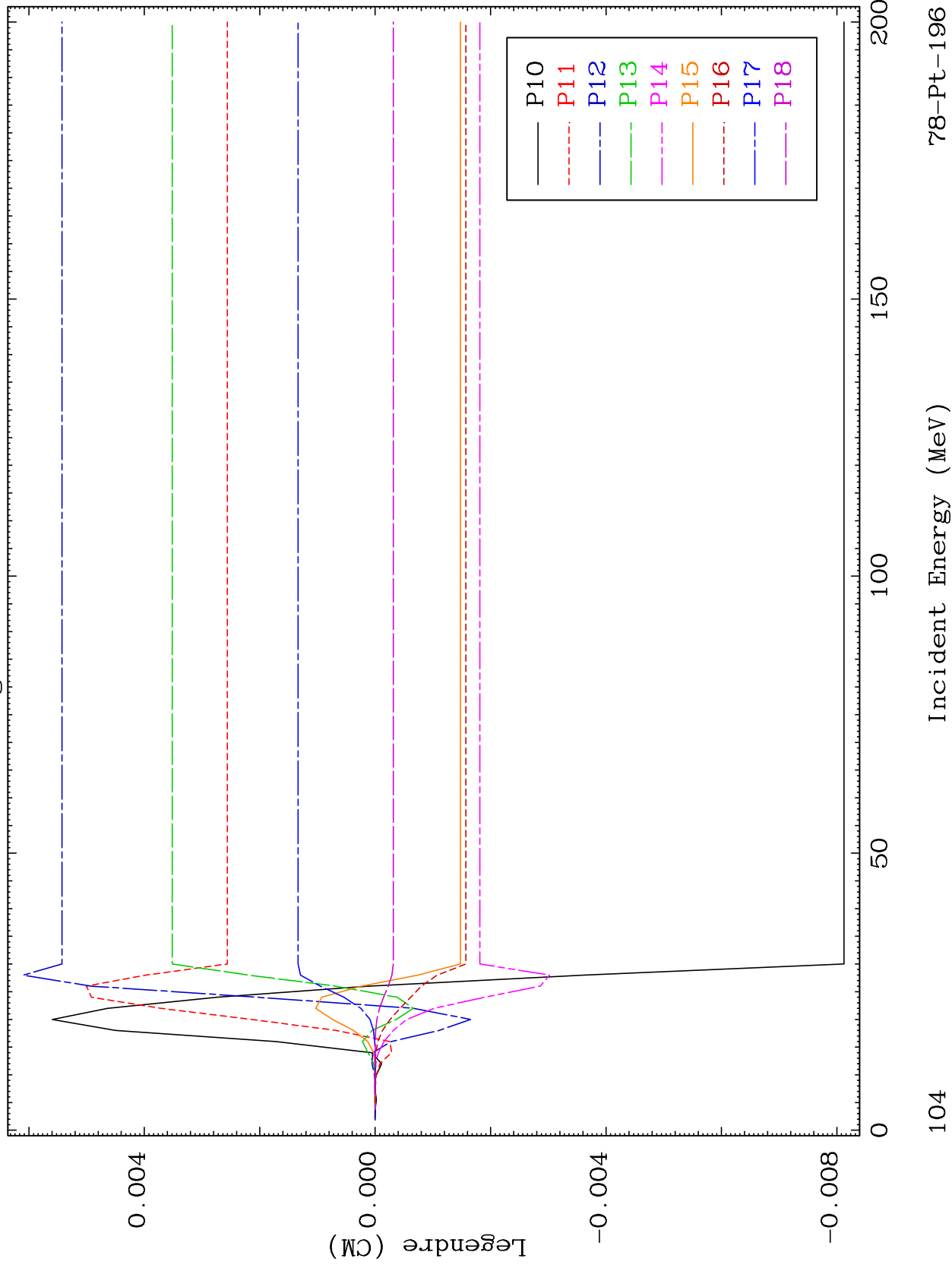
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



104

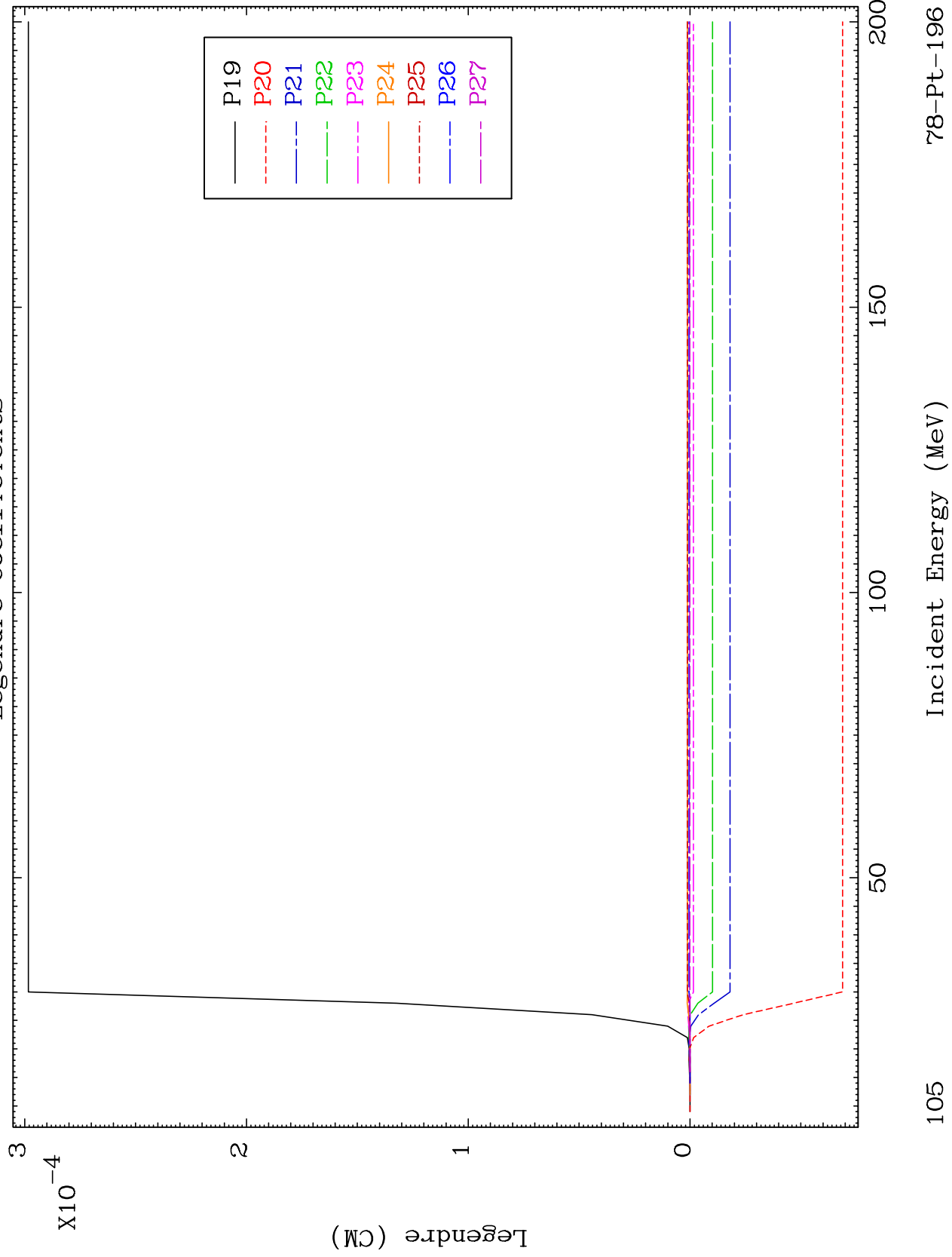
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



105

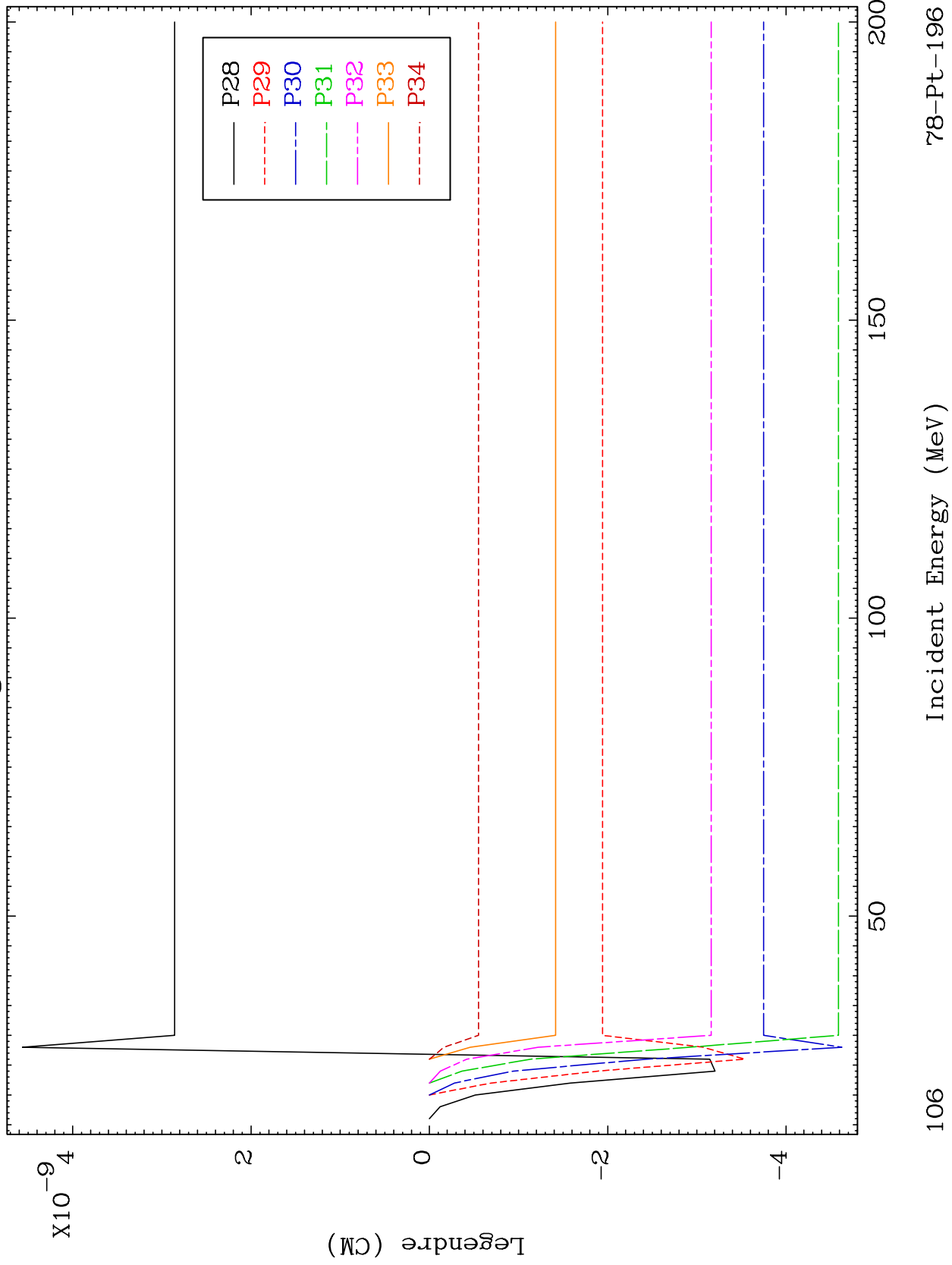
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

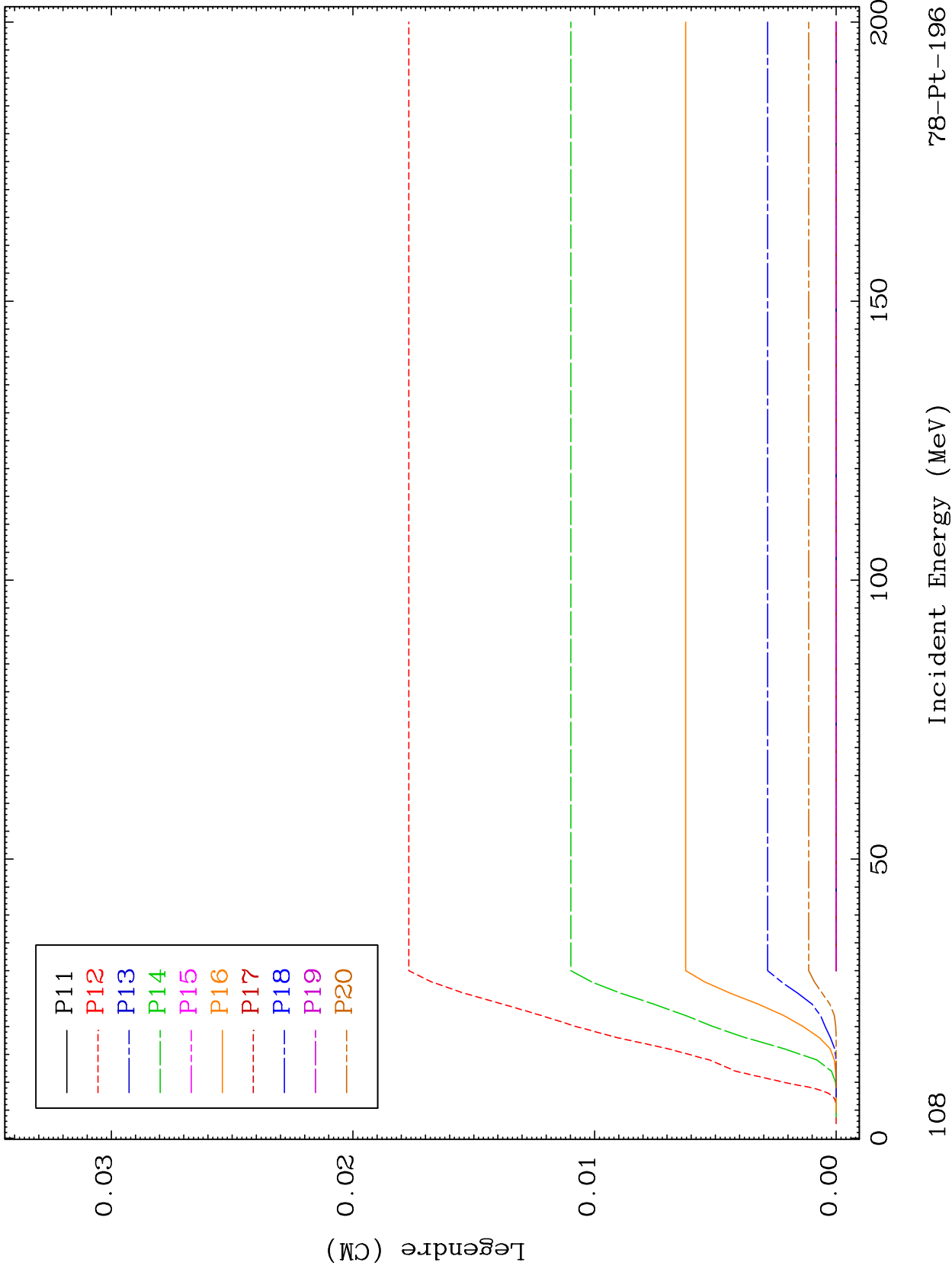
78-Pt-196



MAT 7843

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

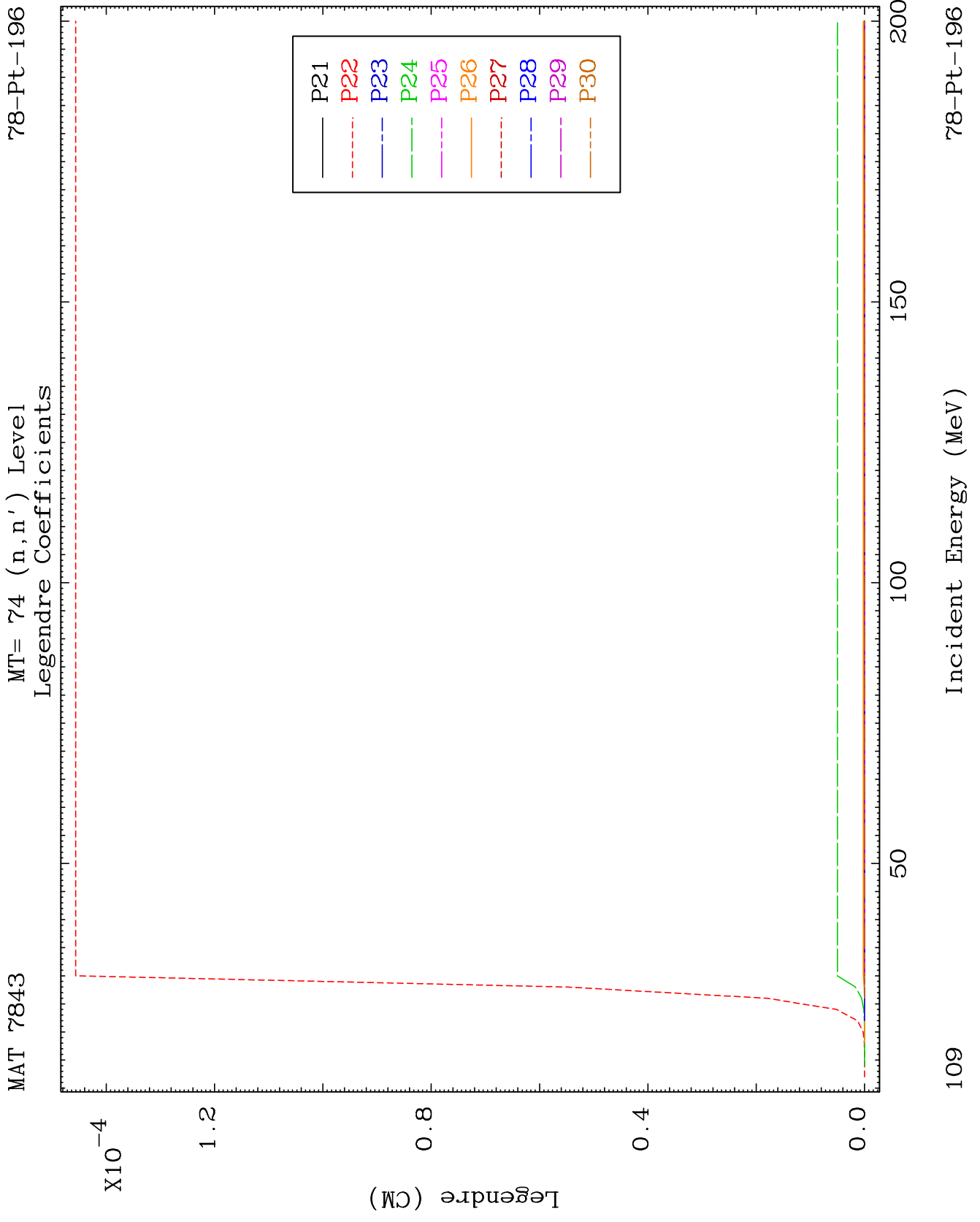
78-Pt-196



108

Incident Energy (MeV)

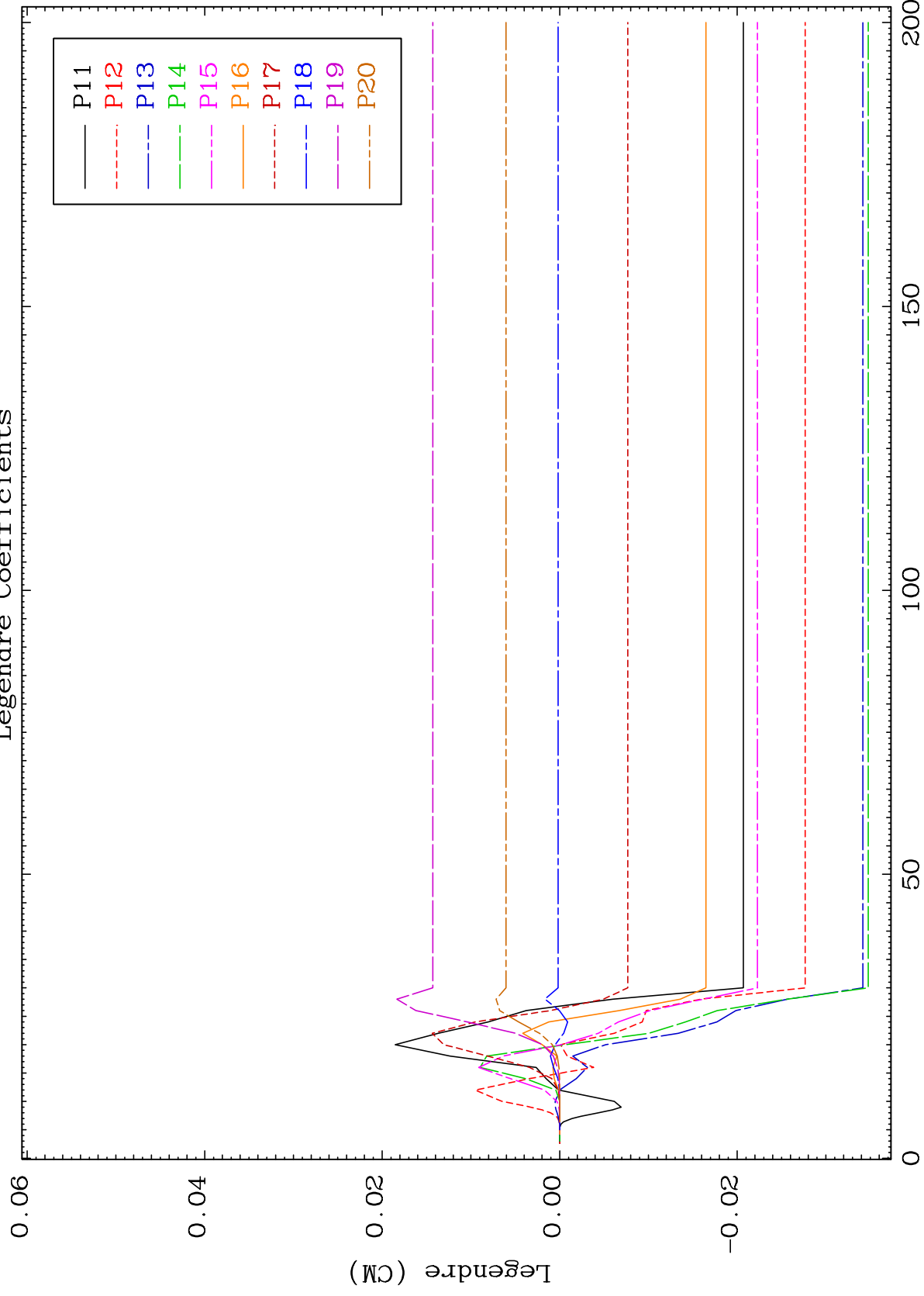
78-Pt-196



MAT 7843

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

78-Pt-196



111

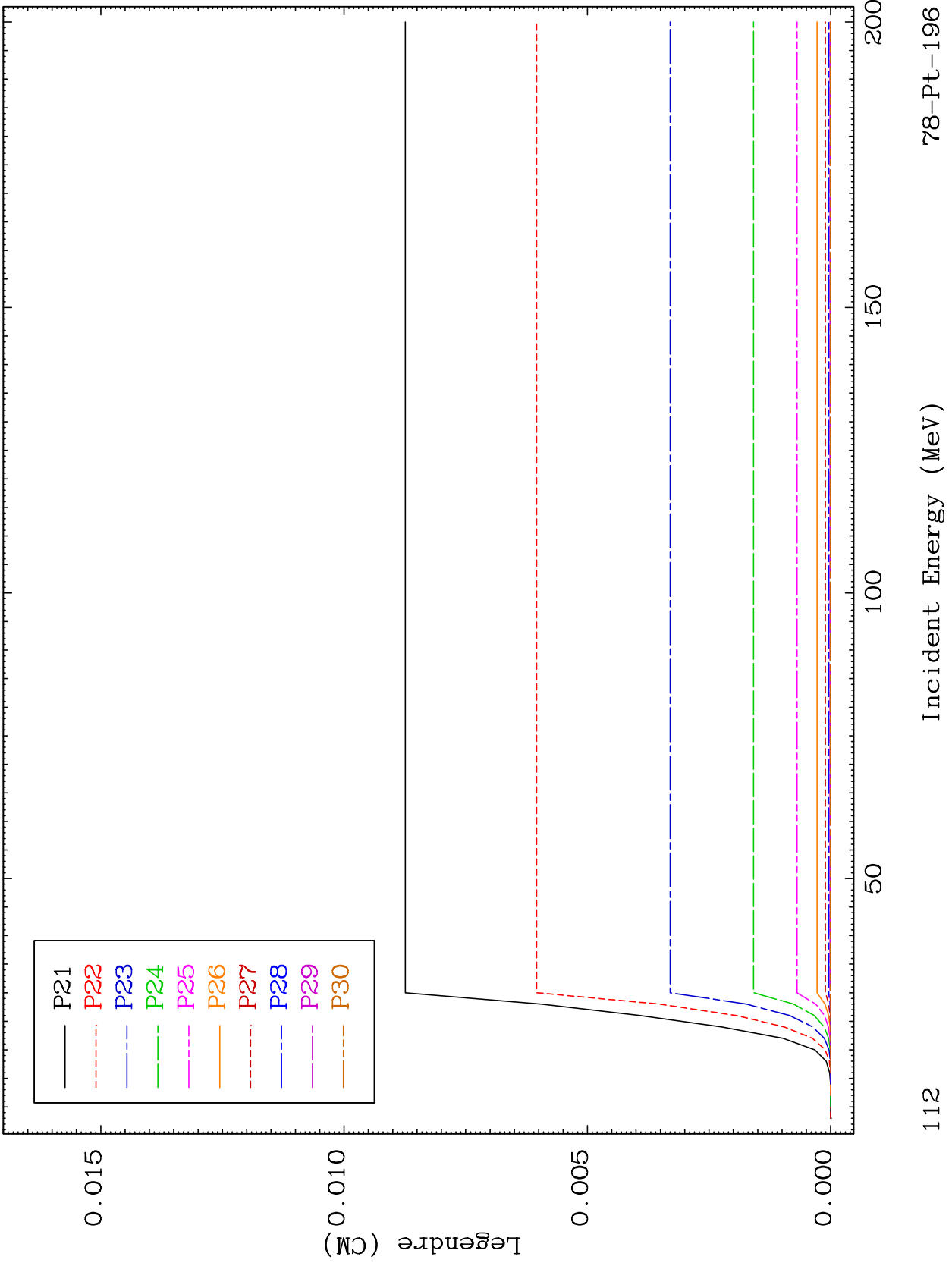
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



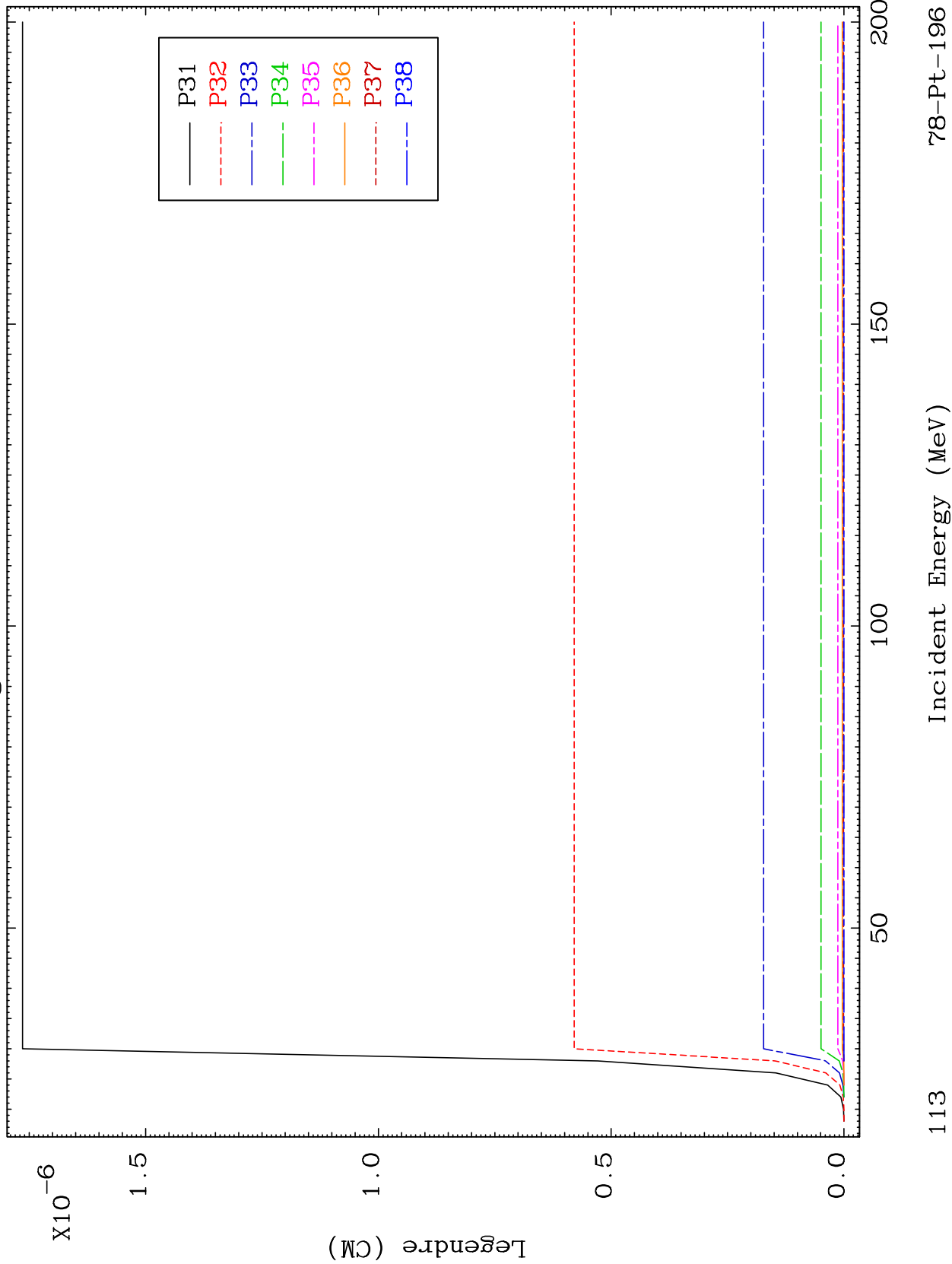
112

78-Pt-196

MAT 7843

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

78-Pt-196

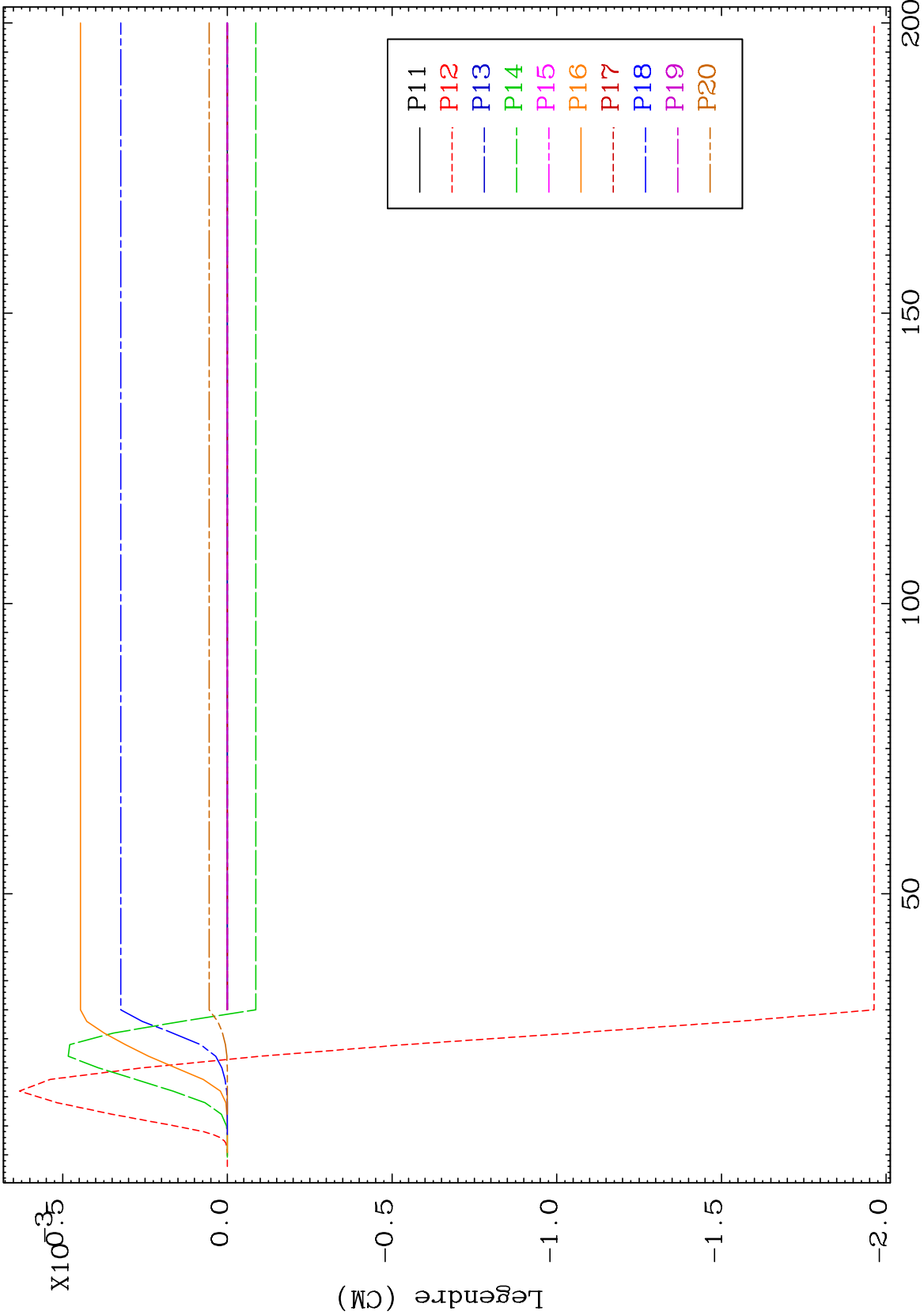


113

MAT 7843

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

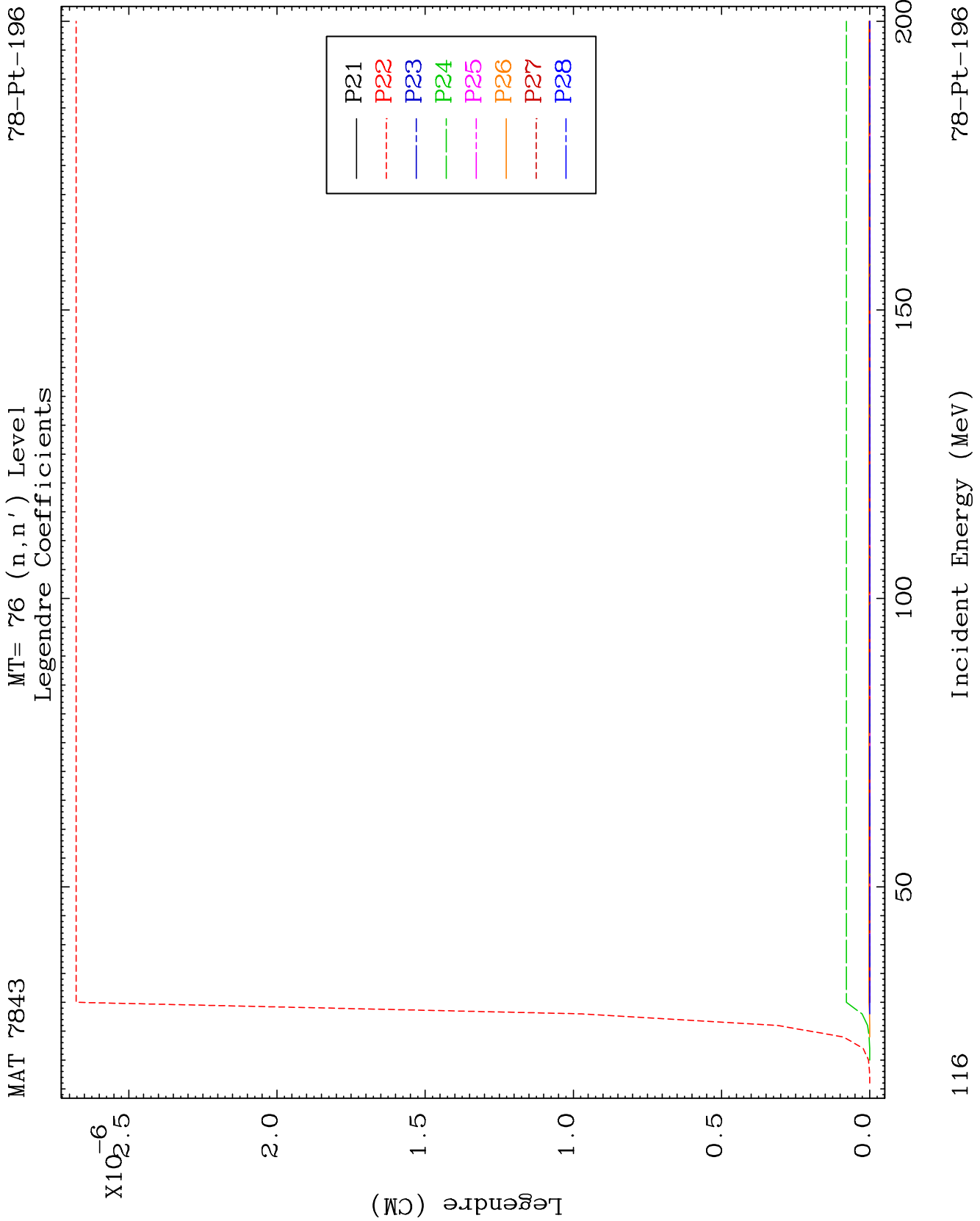
78-Pt-196



115

Incident Energy (MeV)

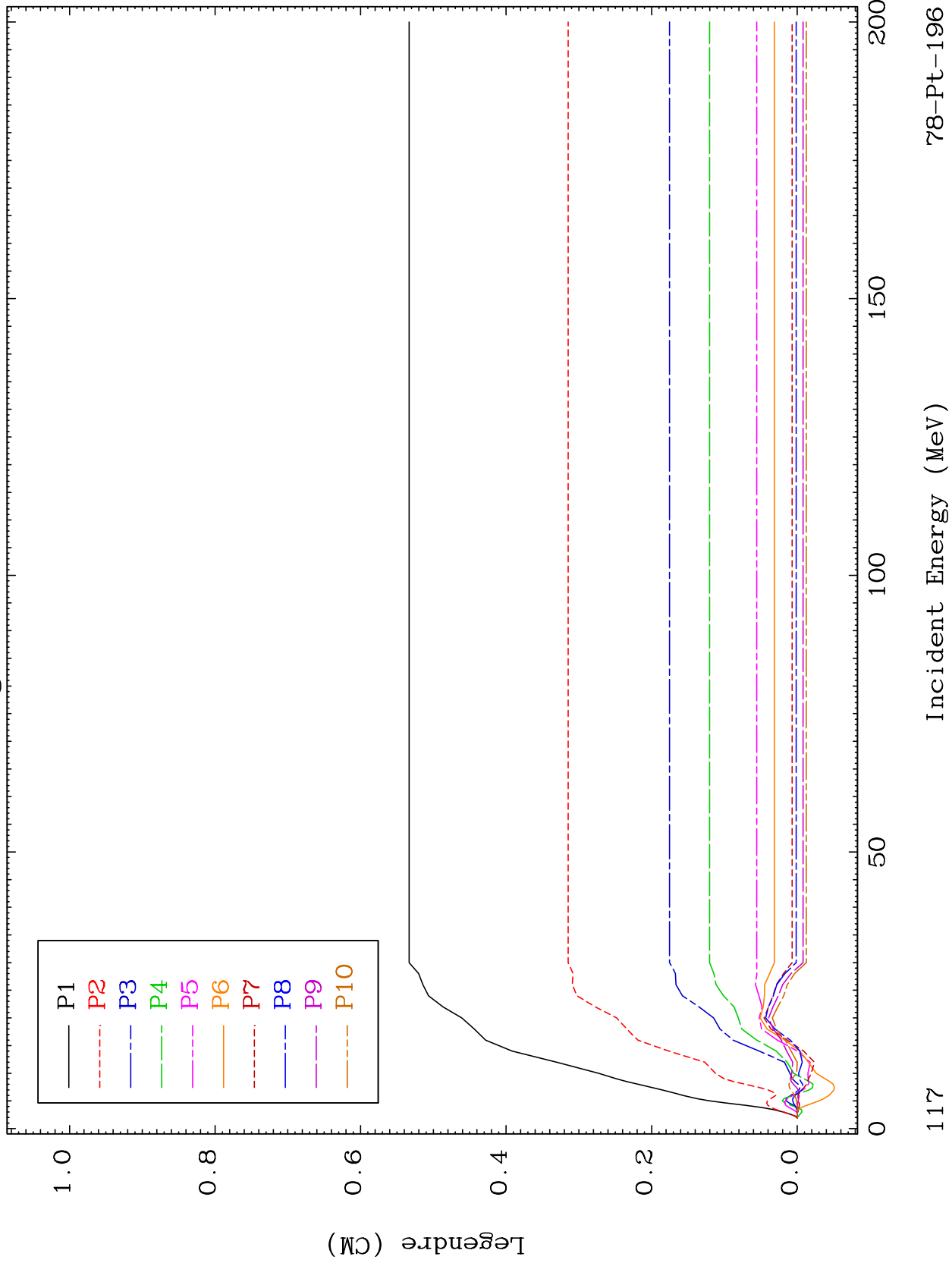
78-Pt-196



MAT 7843

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

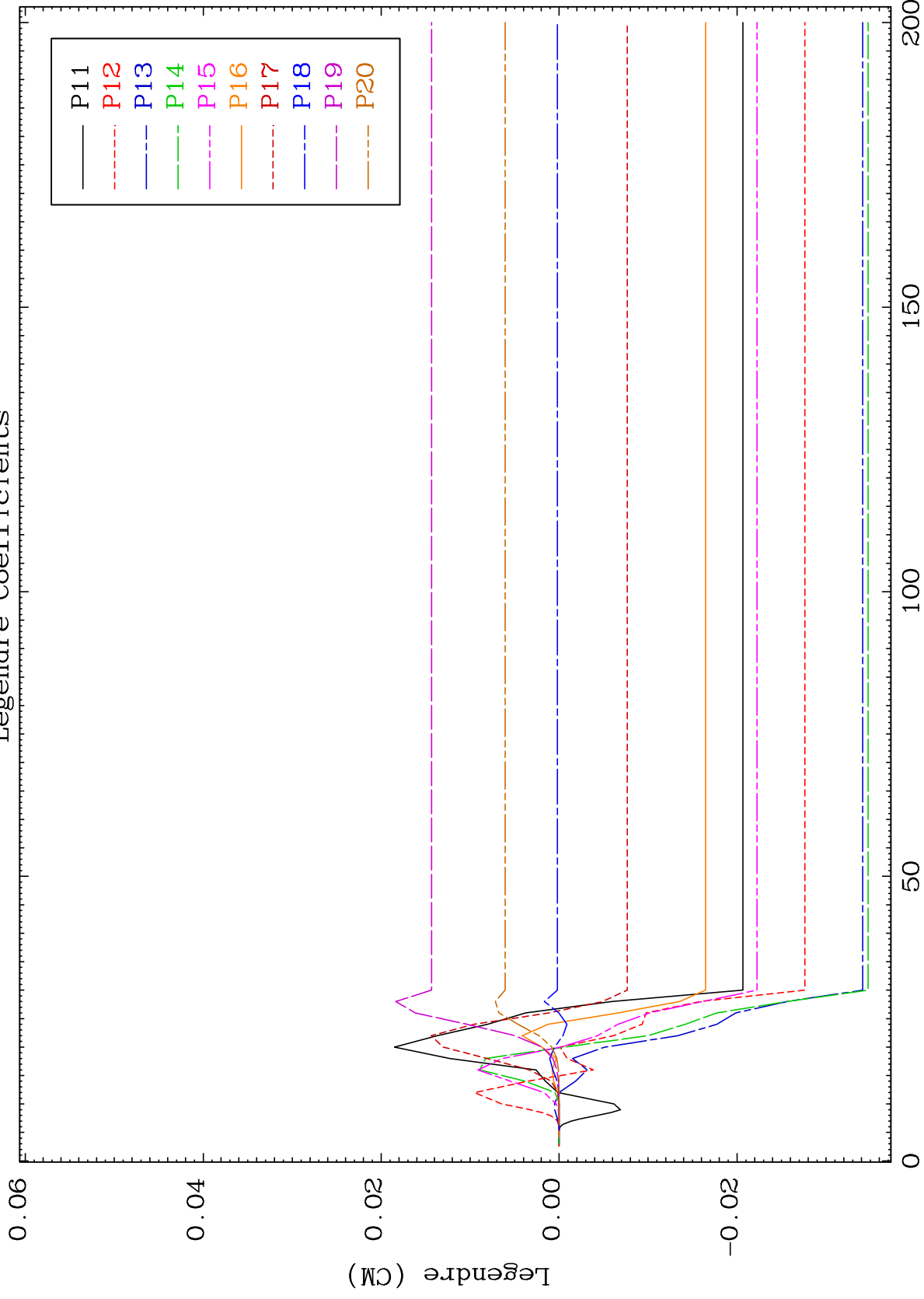
78-Pt-196



MAT 7843

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

78-Pt-196



118

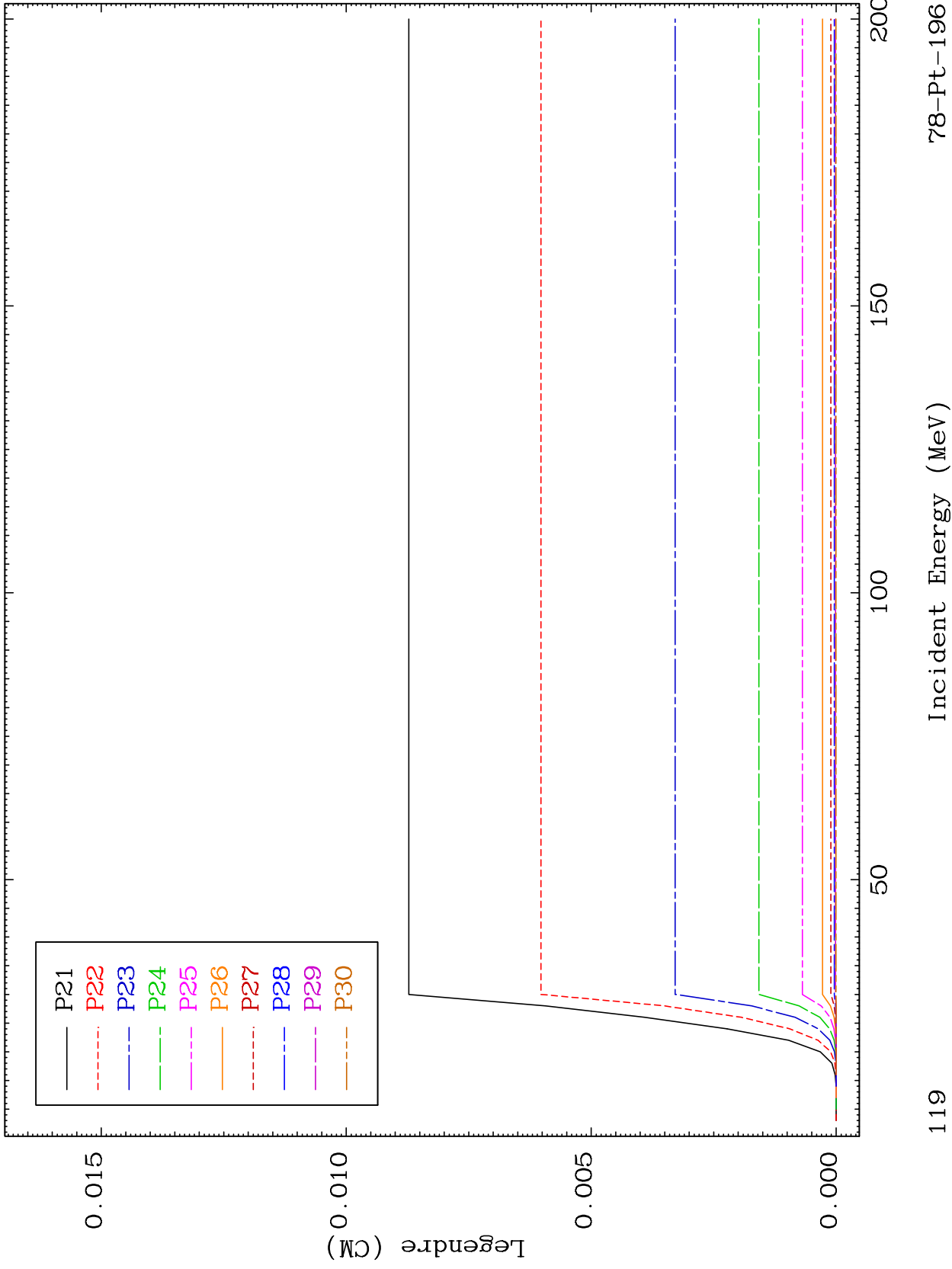
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

78-Pt-196



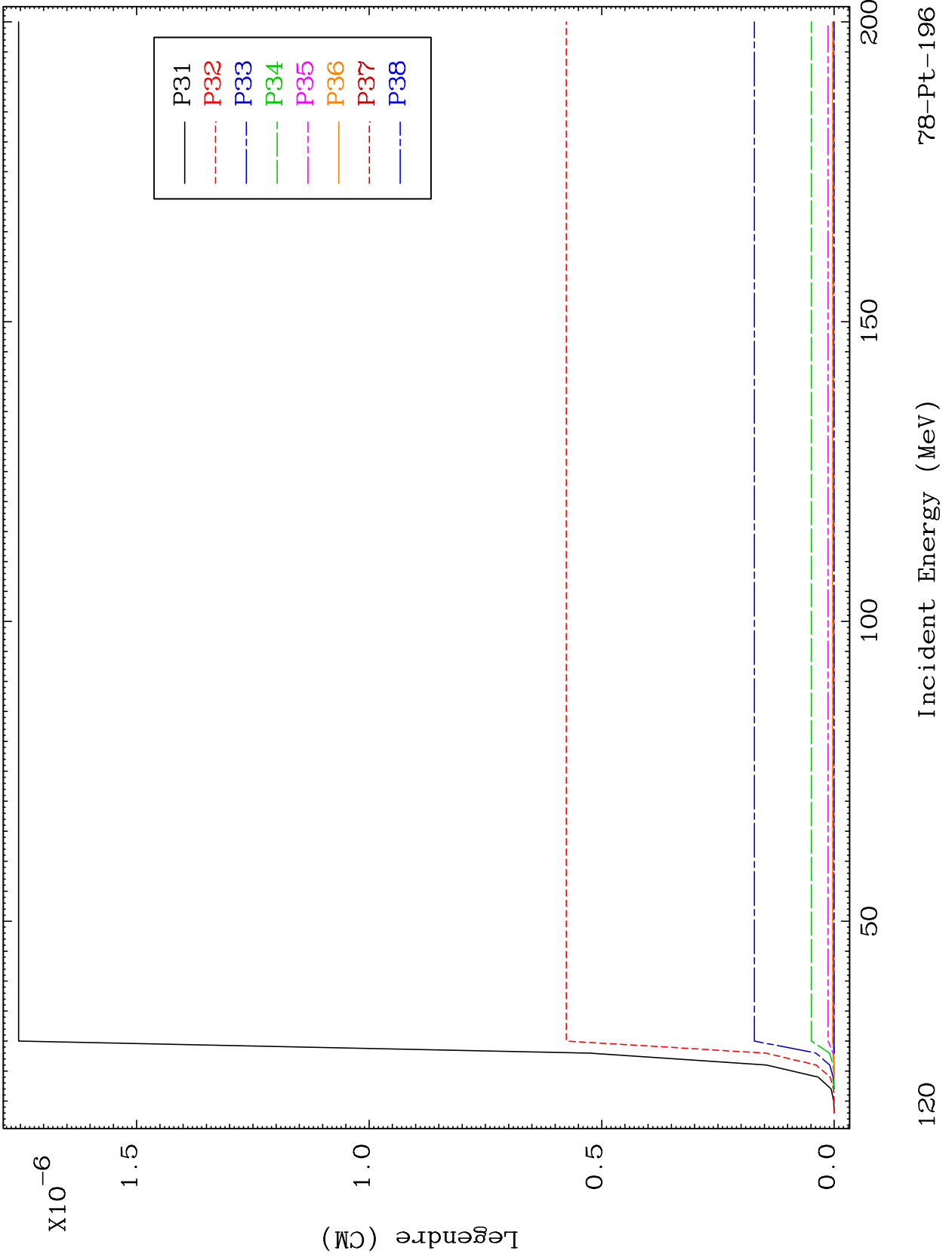
119

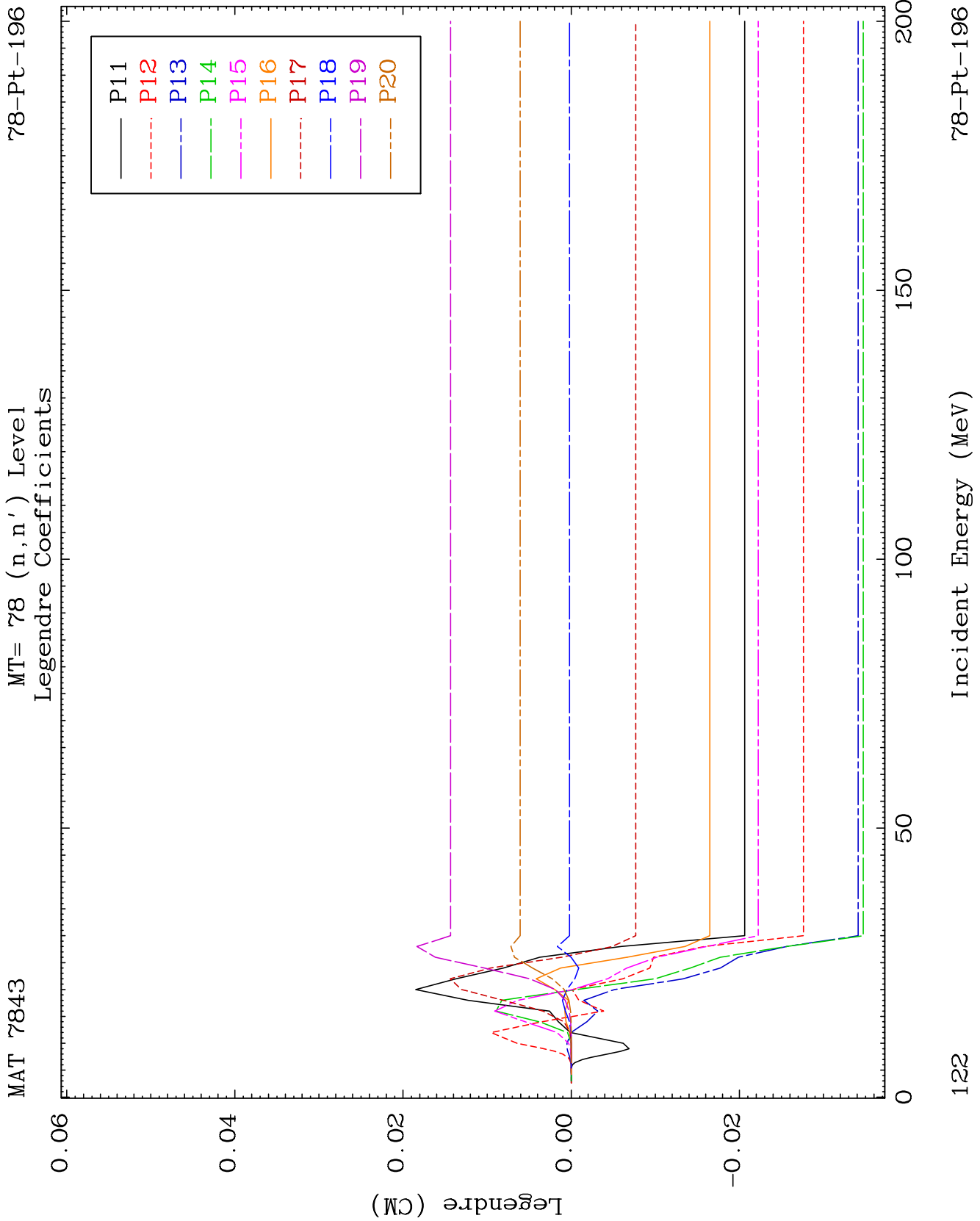
78-Pt-196

MAT 7843

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

78-Pt-196

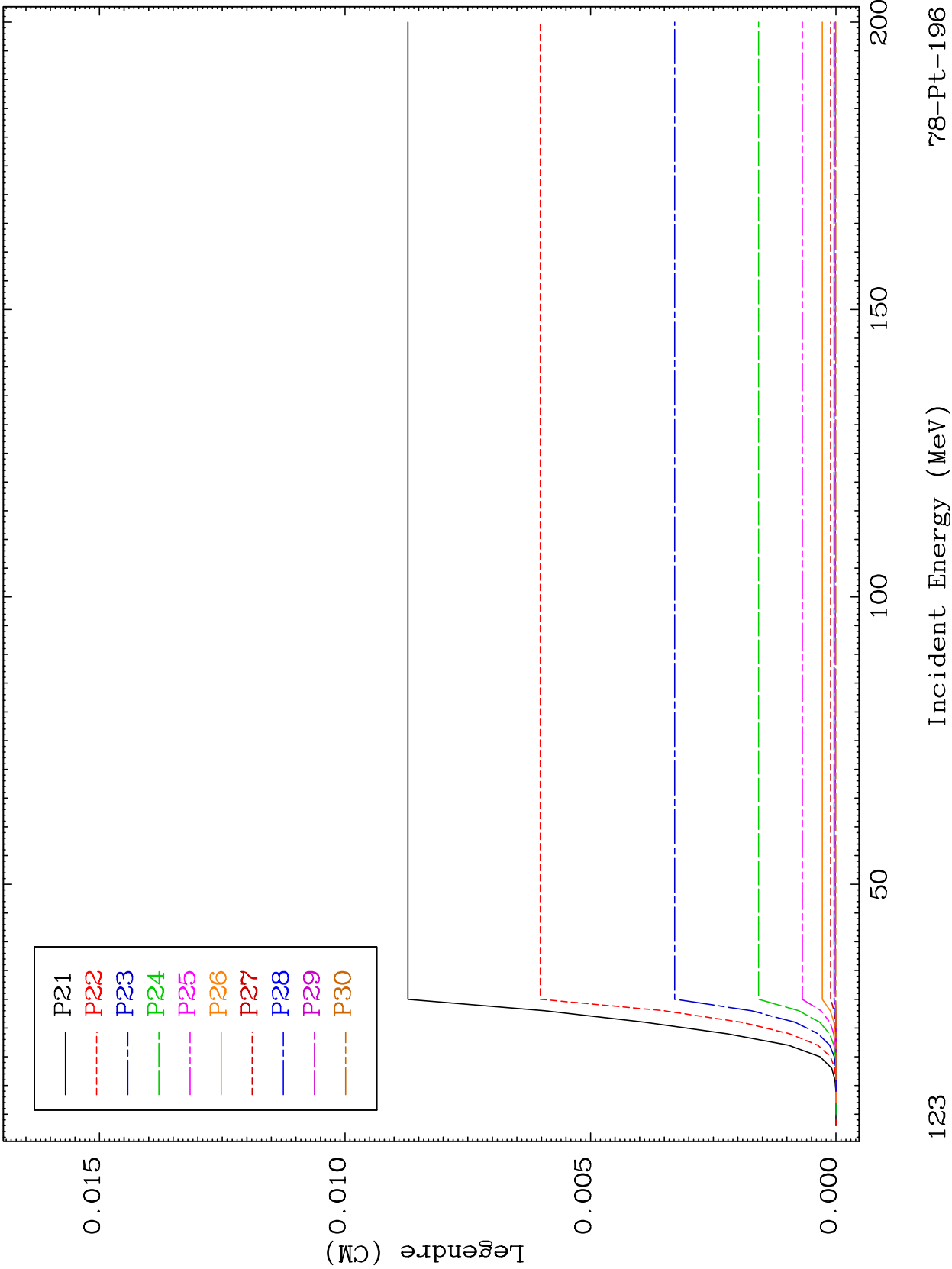




MAT 7843

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

78-Pt-196



123

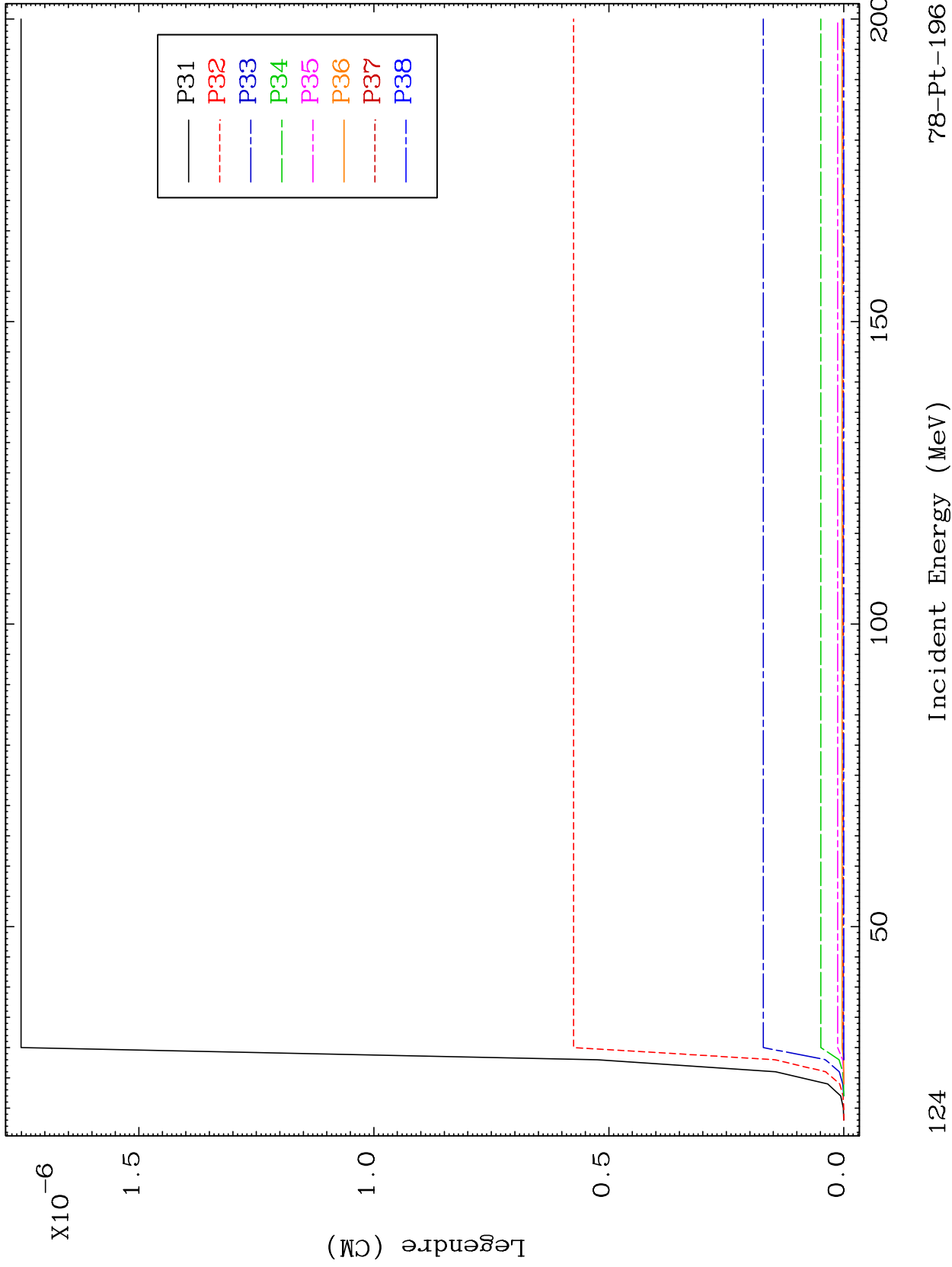
Incident Energy (MeV)

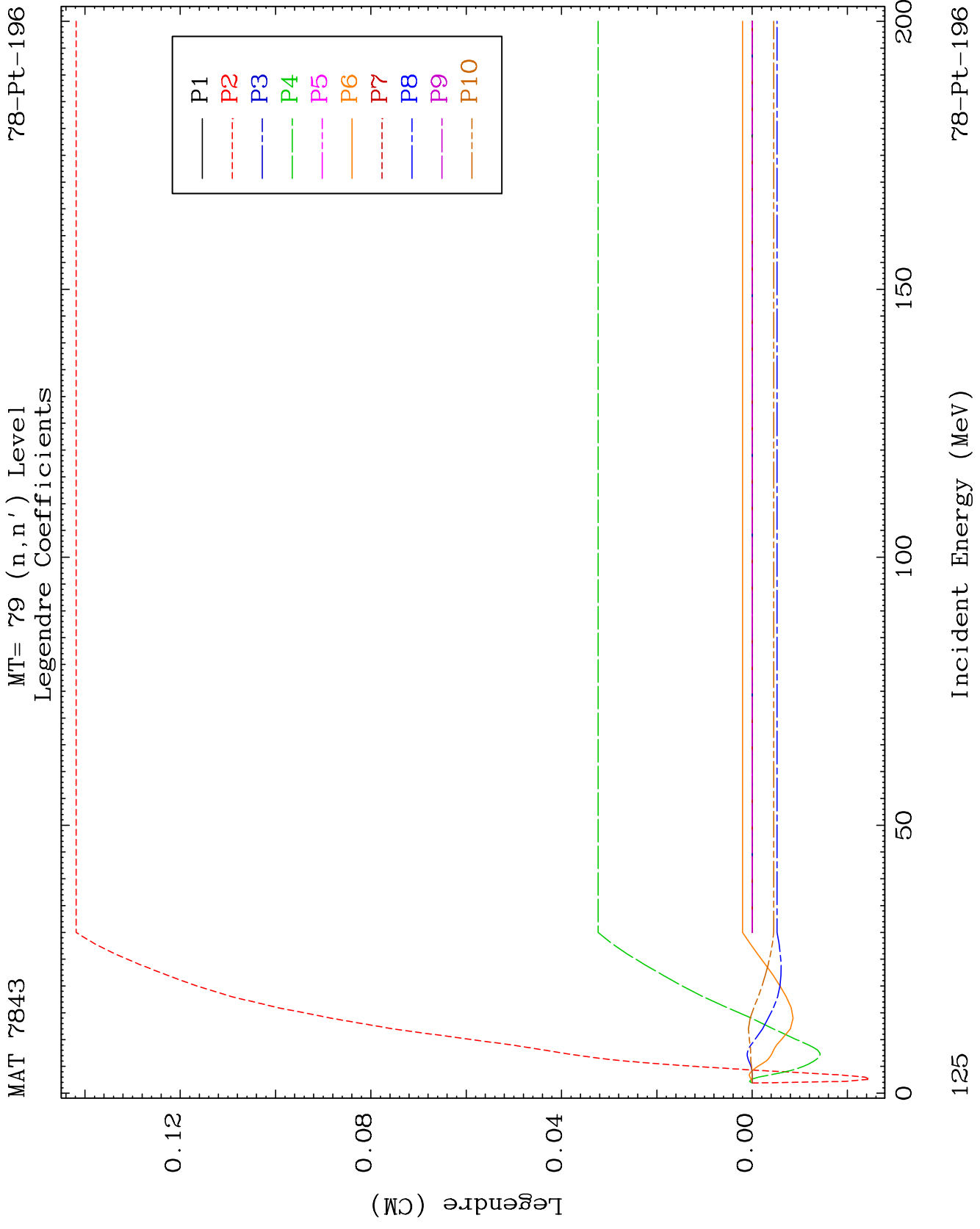
78-Pt-196

MAT 7843

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

78-Pt-196

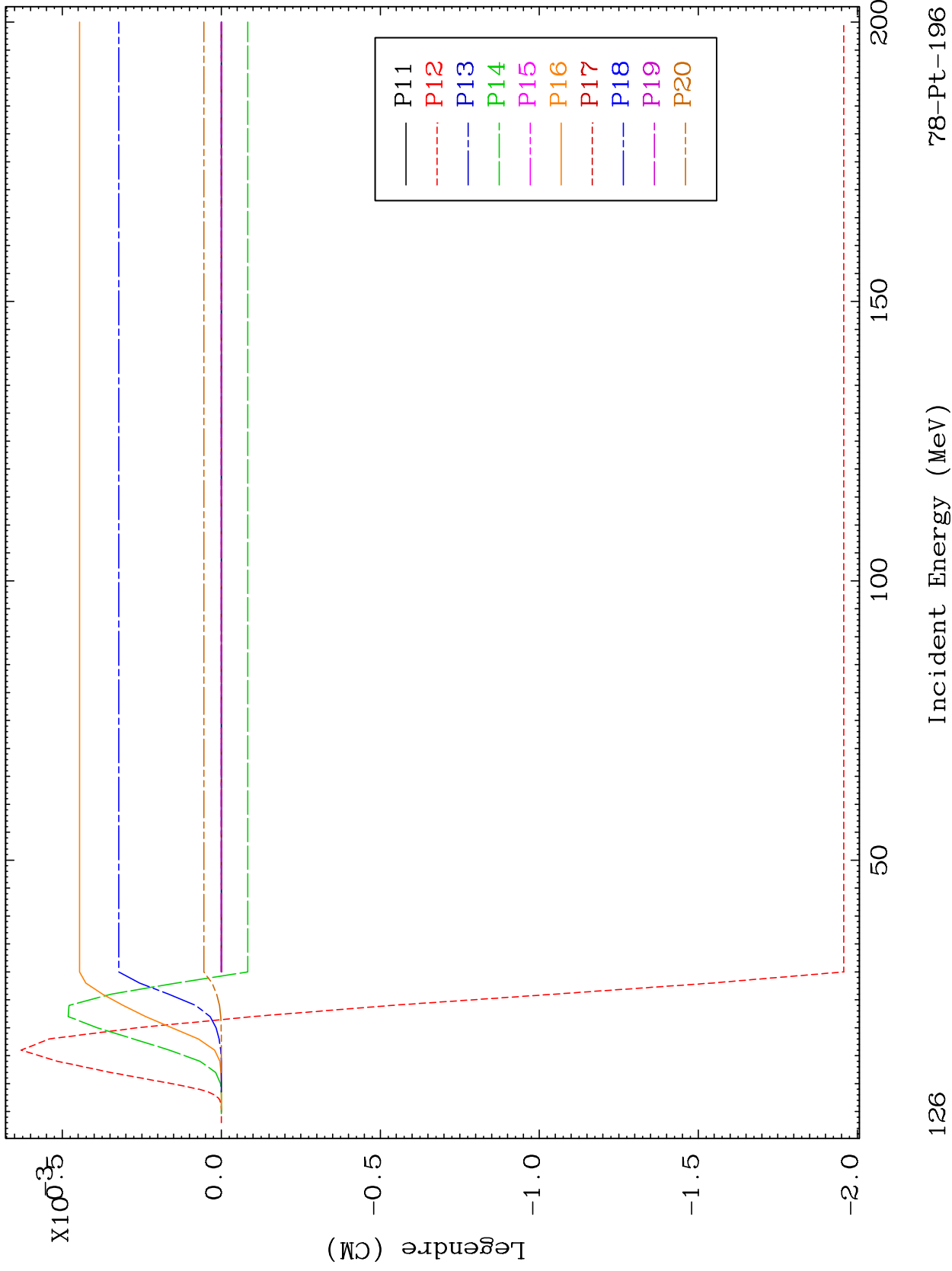




MAT 7843

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

78-Pt-196



126

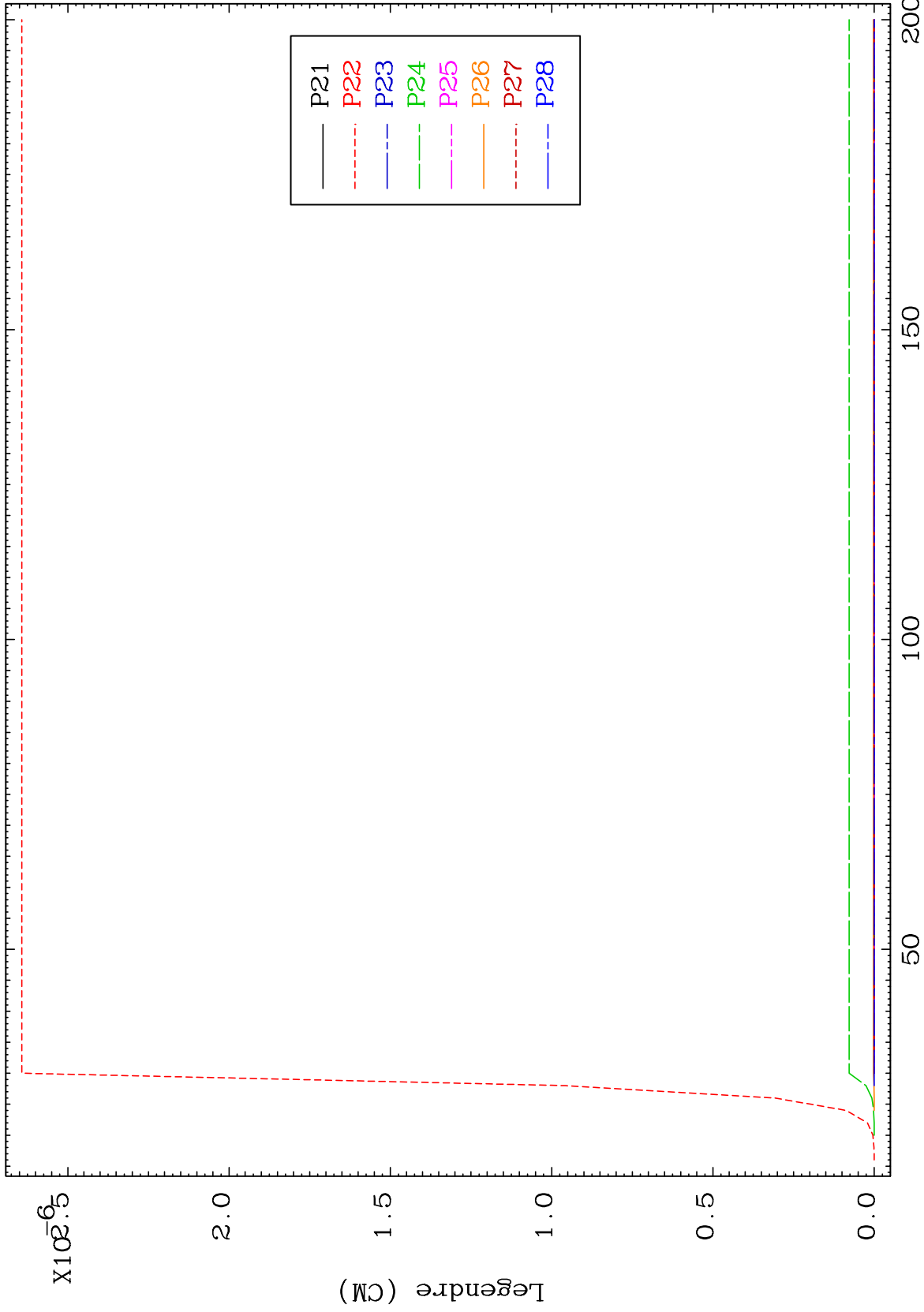
Incident Energy (MeV)

78-Pt-196

MAT 7843

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

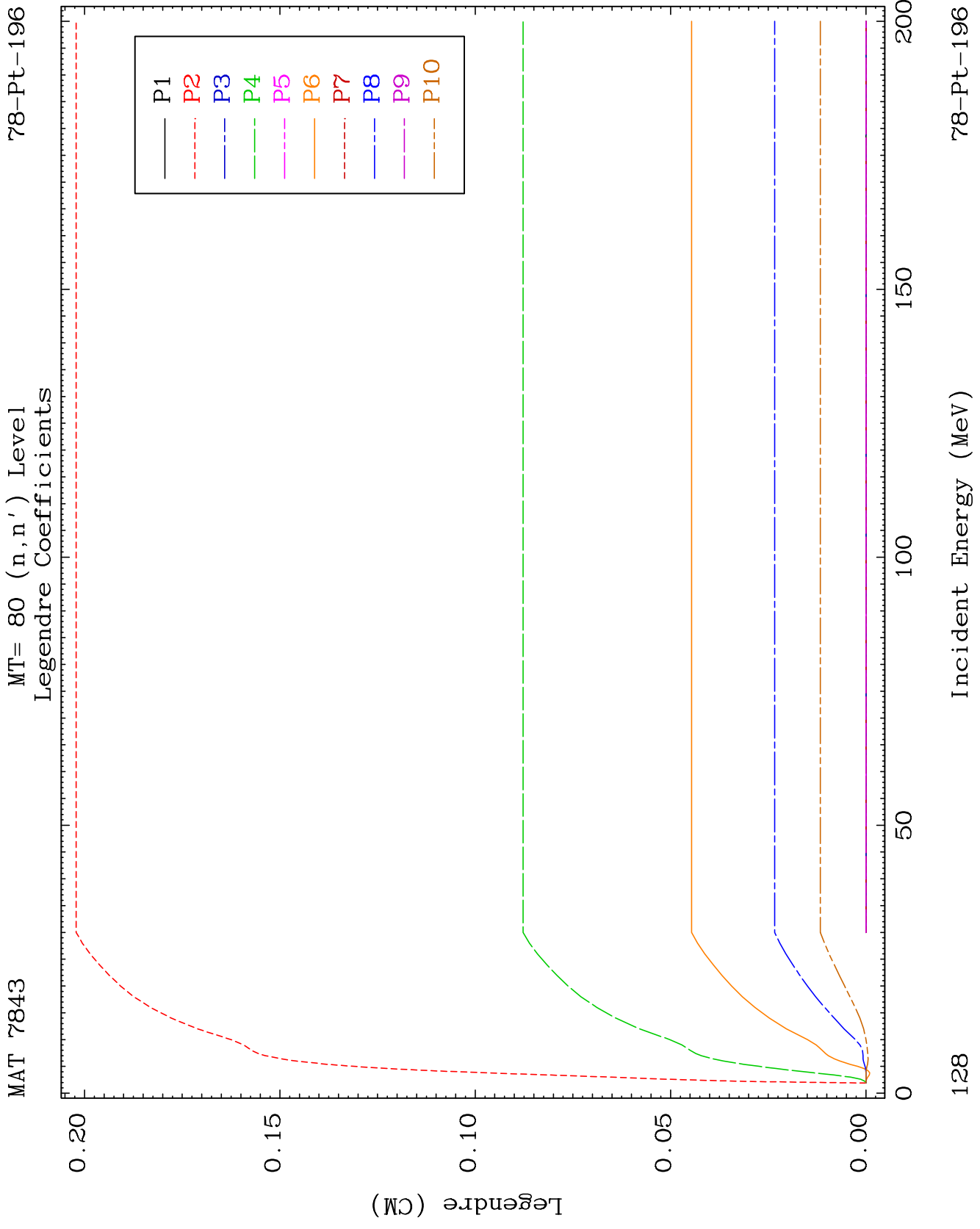
78-Pt-196

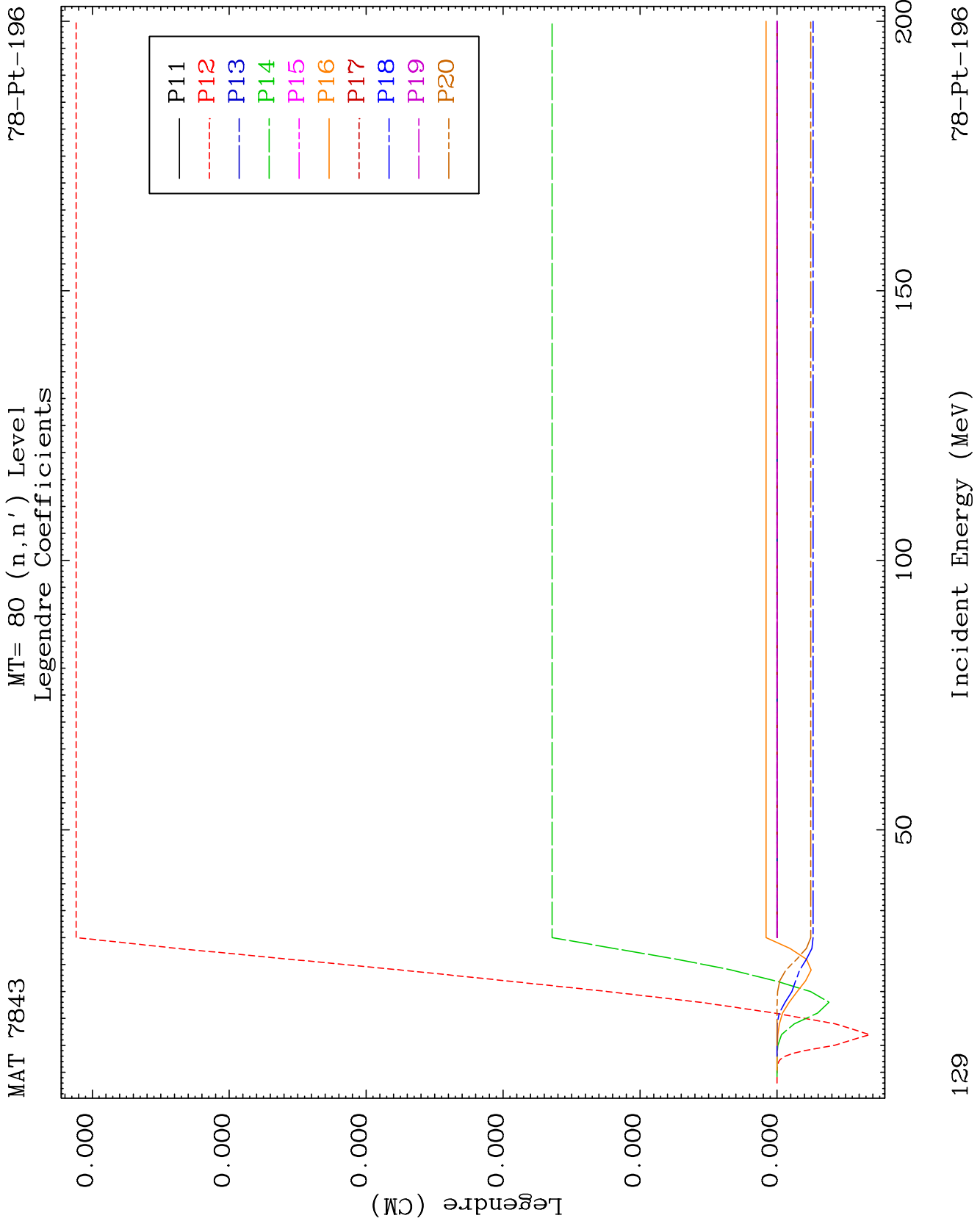


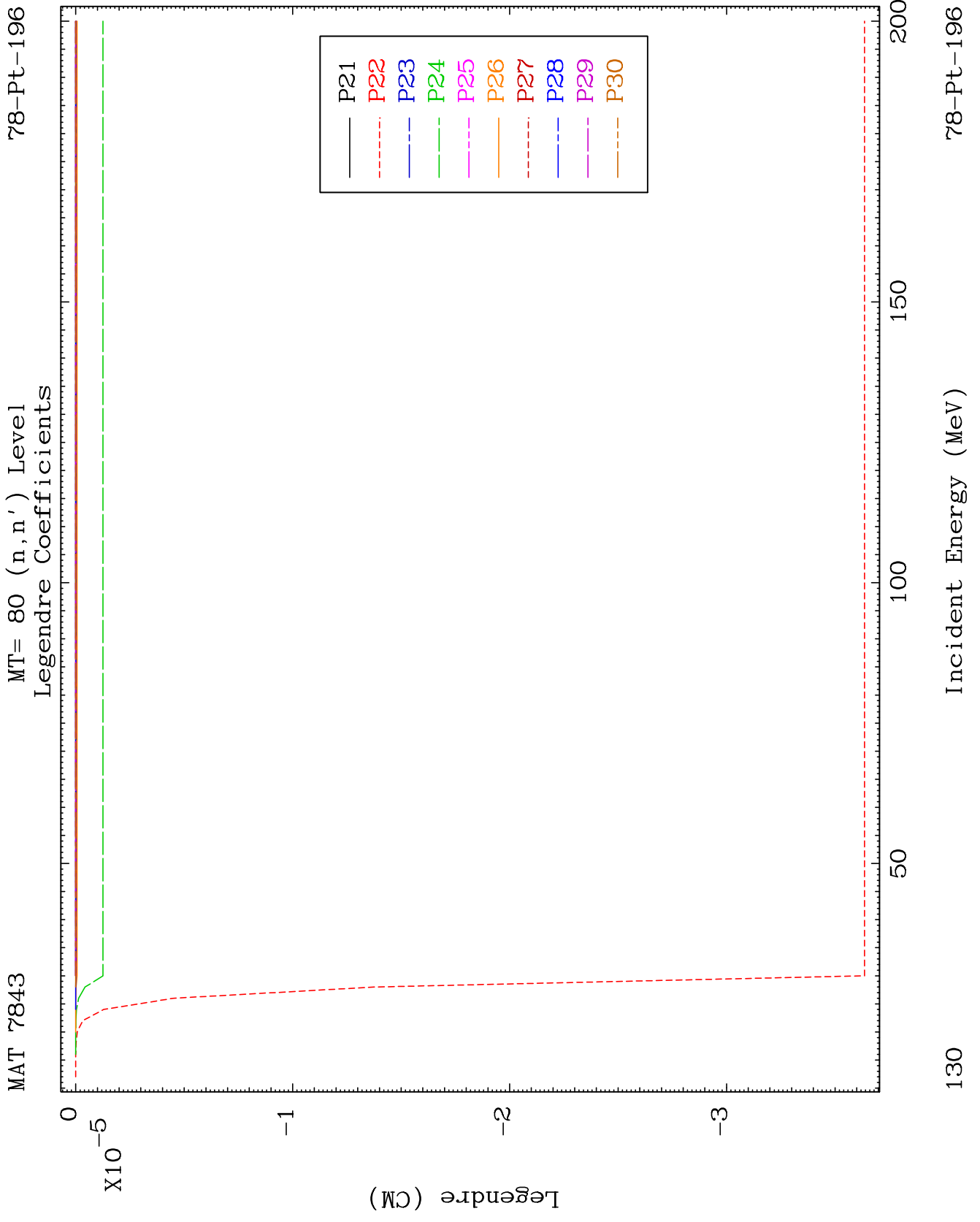
127

Incident Energy (MeV)

78-Pt-196





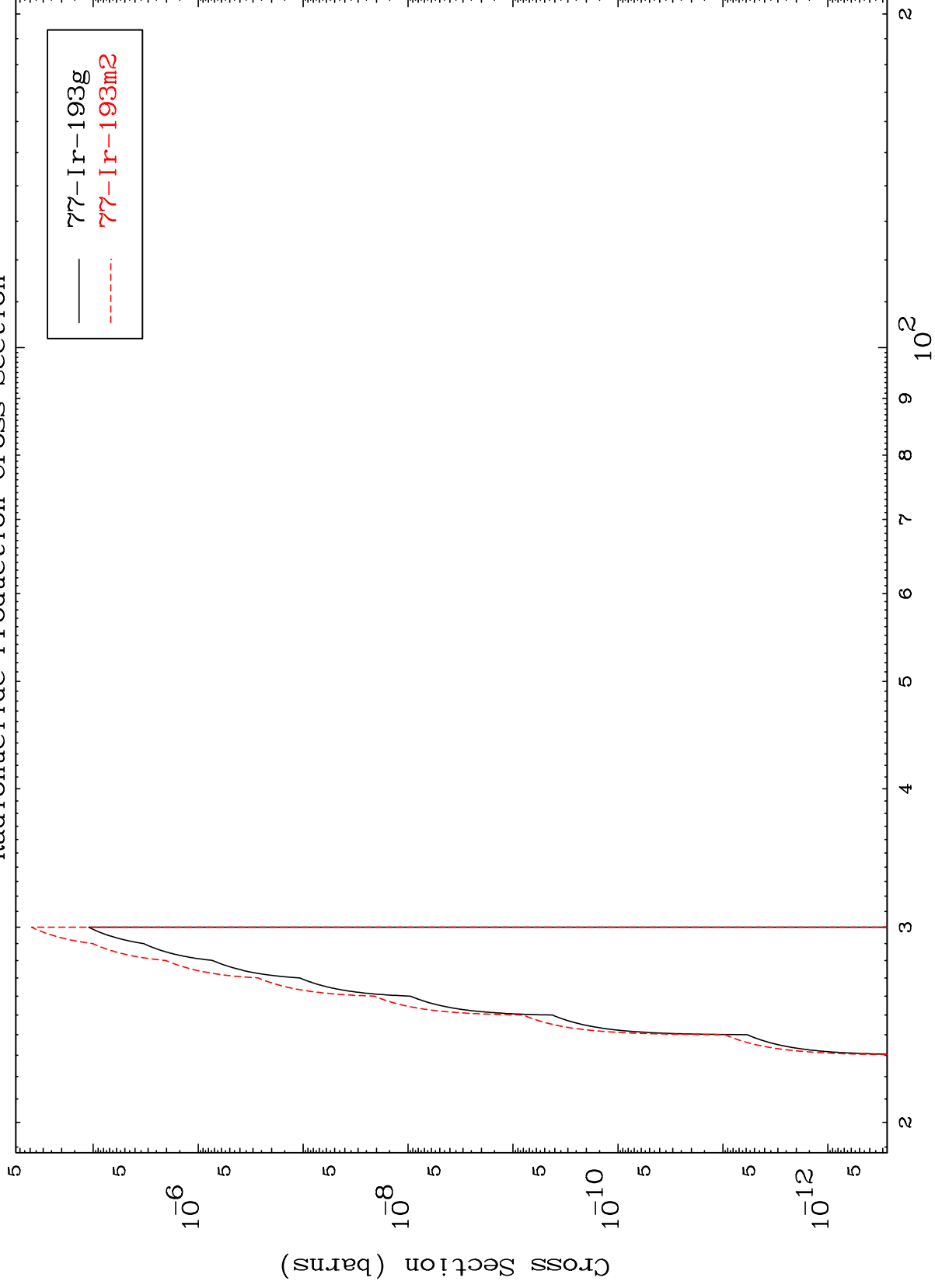


MAT 7843

(n,2n) d

78-Pt-196

Radionuclide Production Cross Section



131

Incident Energy (MeV)

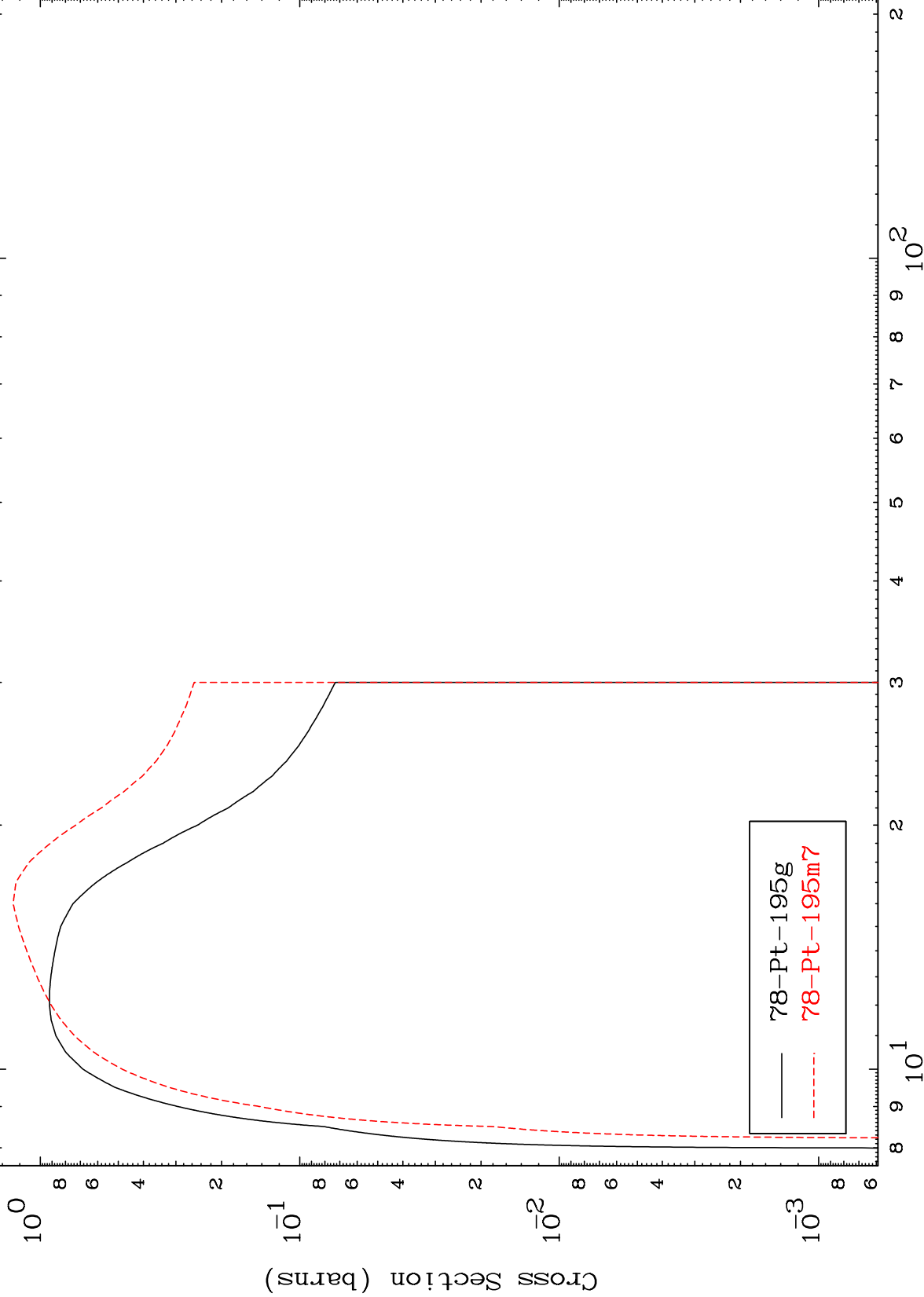
78-Pt-196

MAT 7843

(n,2n)

78-Pt-196

Radionuclide Production Cross Section



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

132

Incident Energy (MeV)

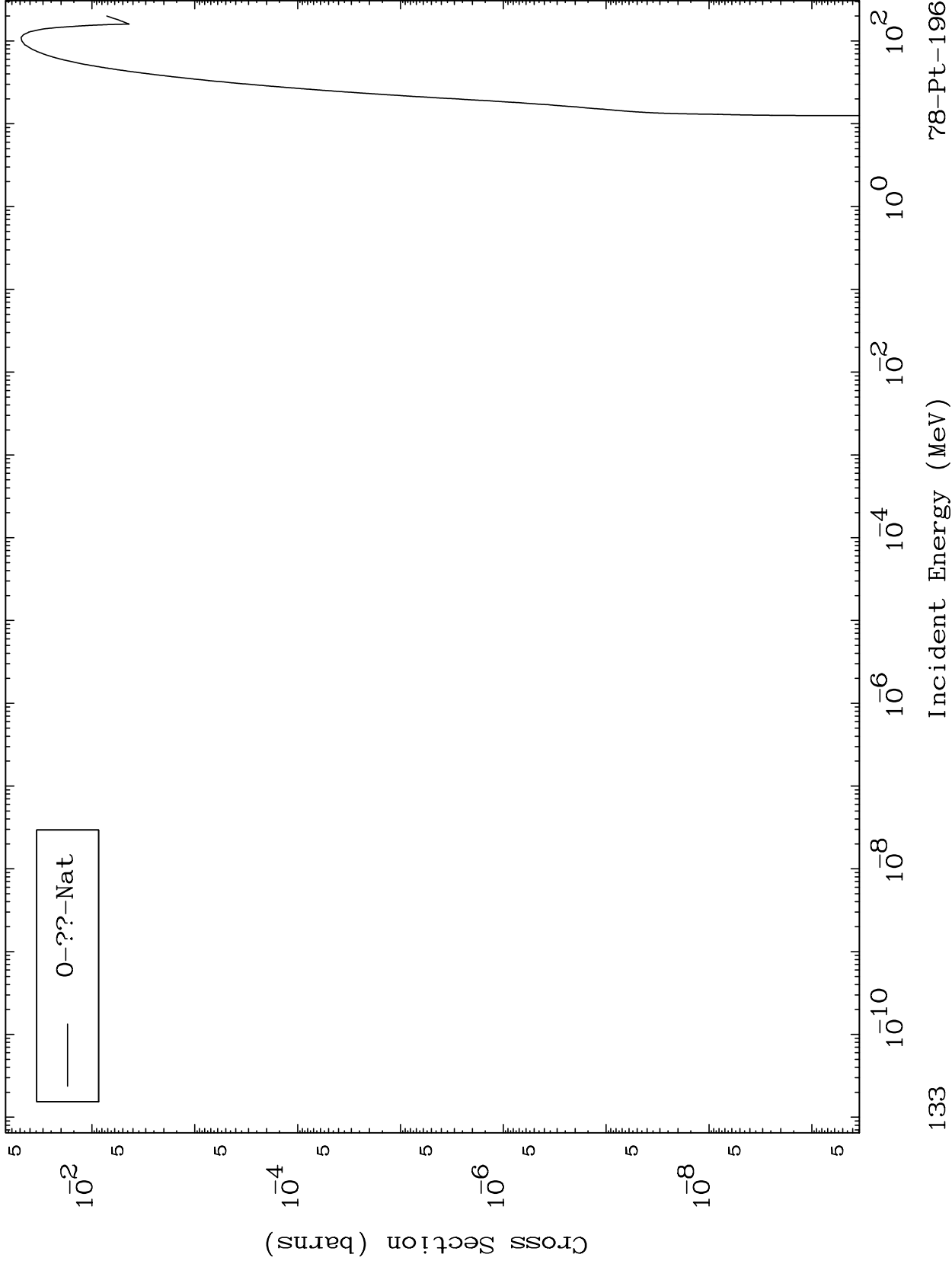
78-Pt-196

MAT 7843

Fission

78-Pt-196

Radionuclide Production Cross Section

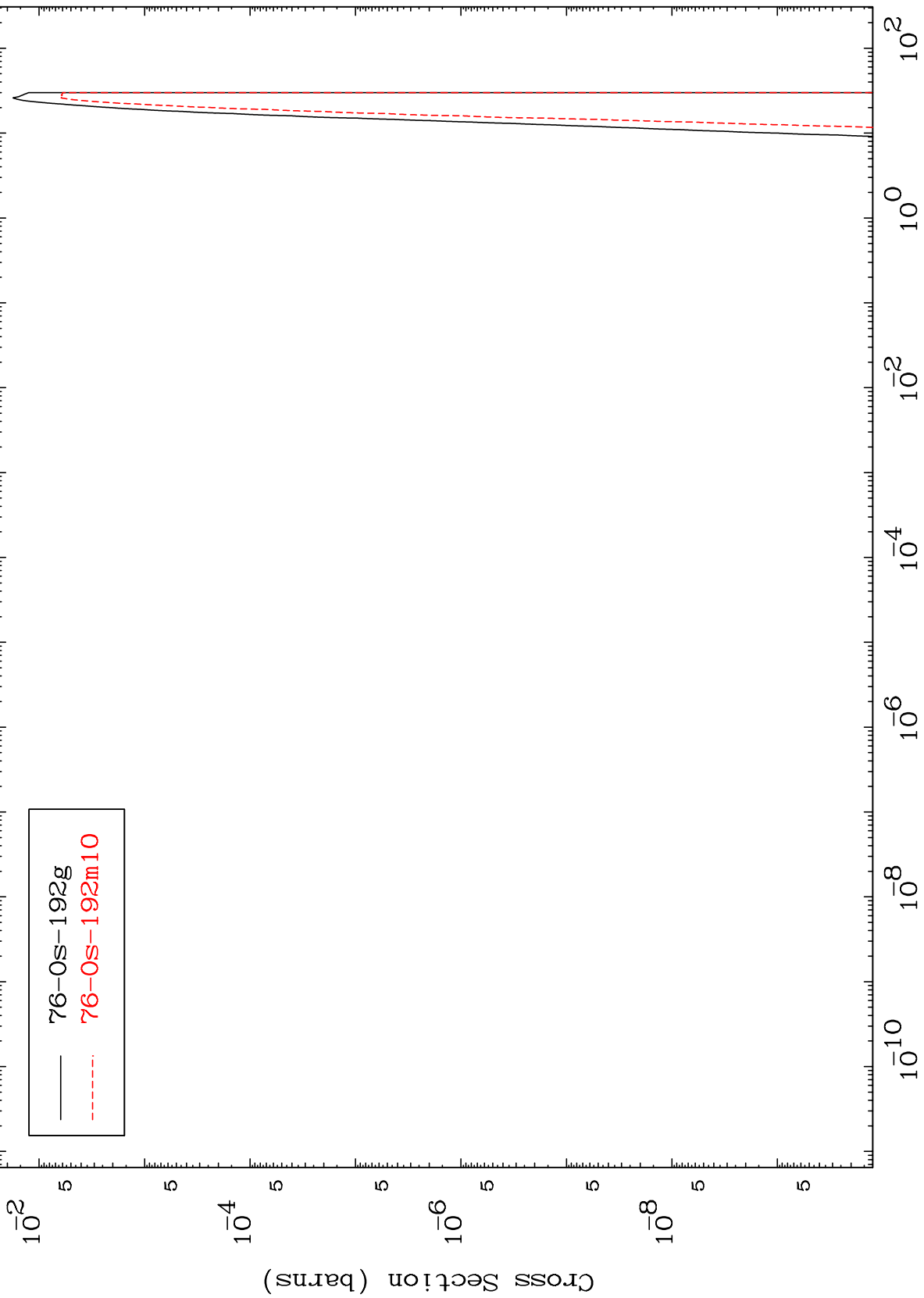


MAT 7843

$(n, n') \alpha$

78-Pt-196

Radionuclide Production Cross Section

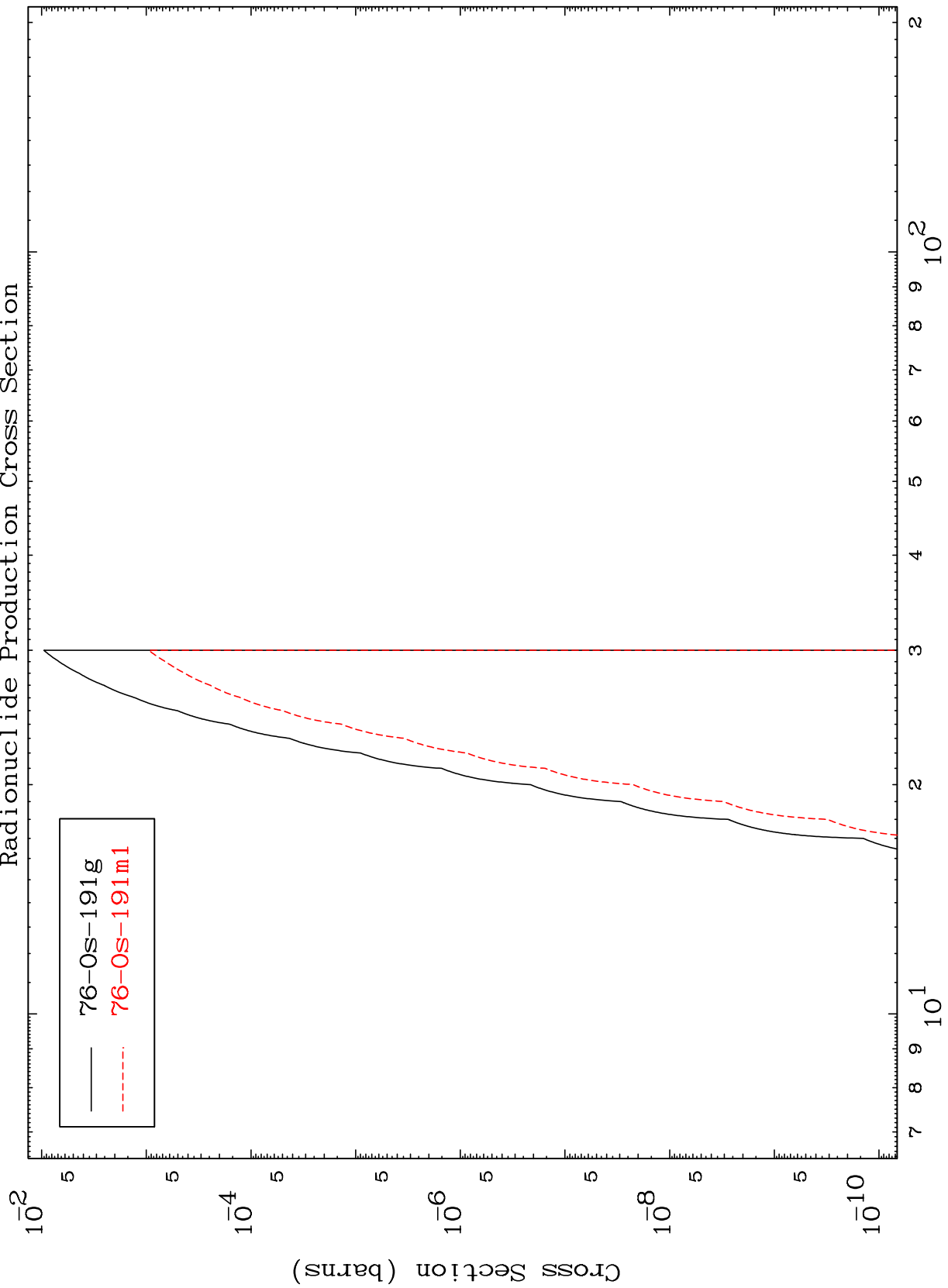


MAT 7843

(n,2n) α

78-Pt-196

Radionuclide Production Cross Section



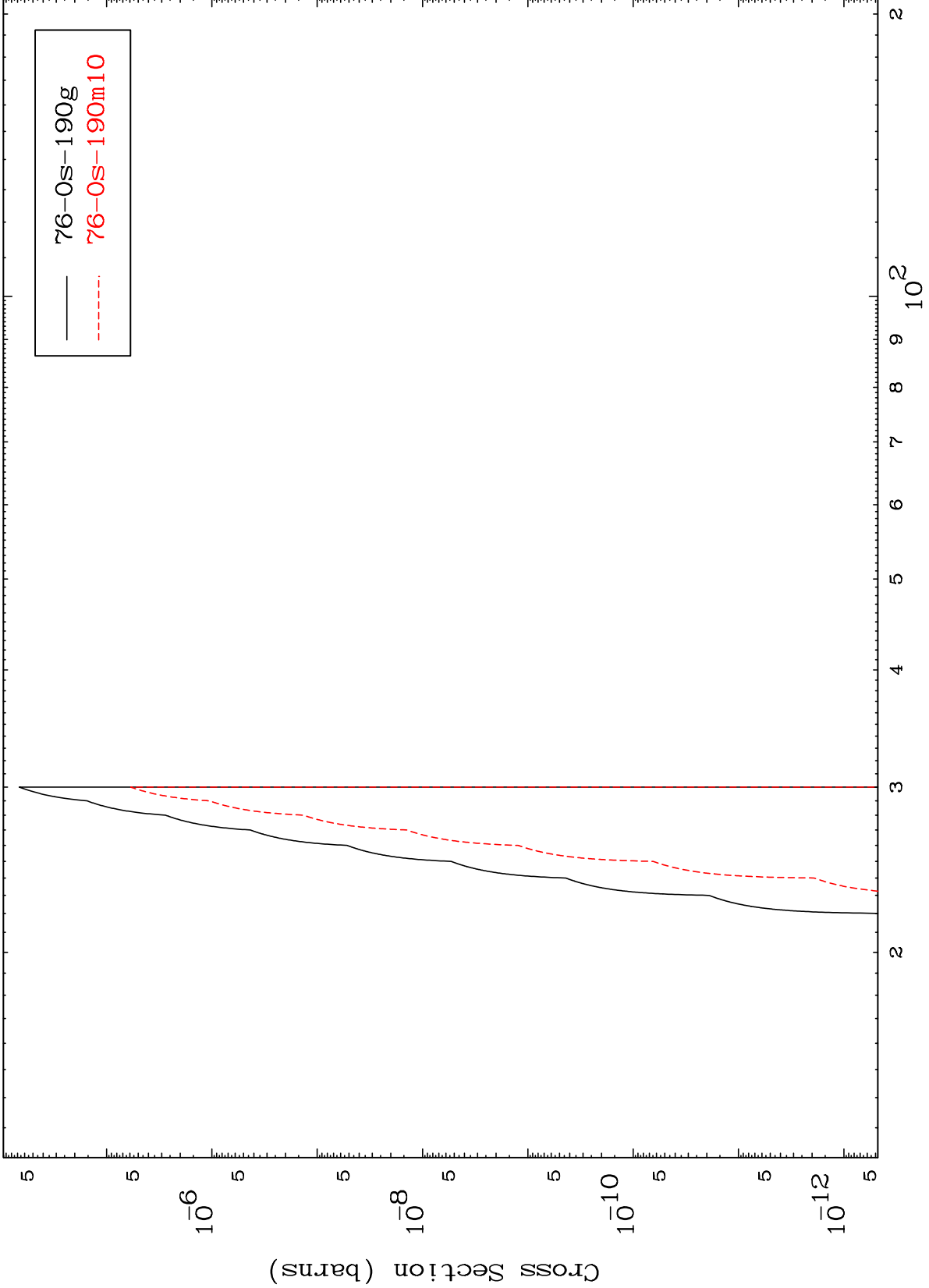
76-Os-191g
76-Os-191m1

135

Incident Energy (MeV)

78-Pt-196

Radionuclide Production Cross Section



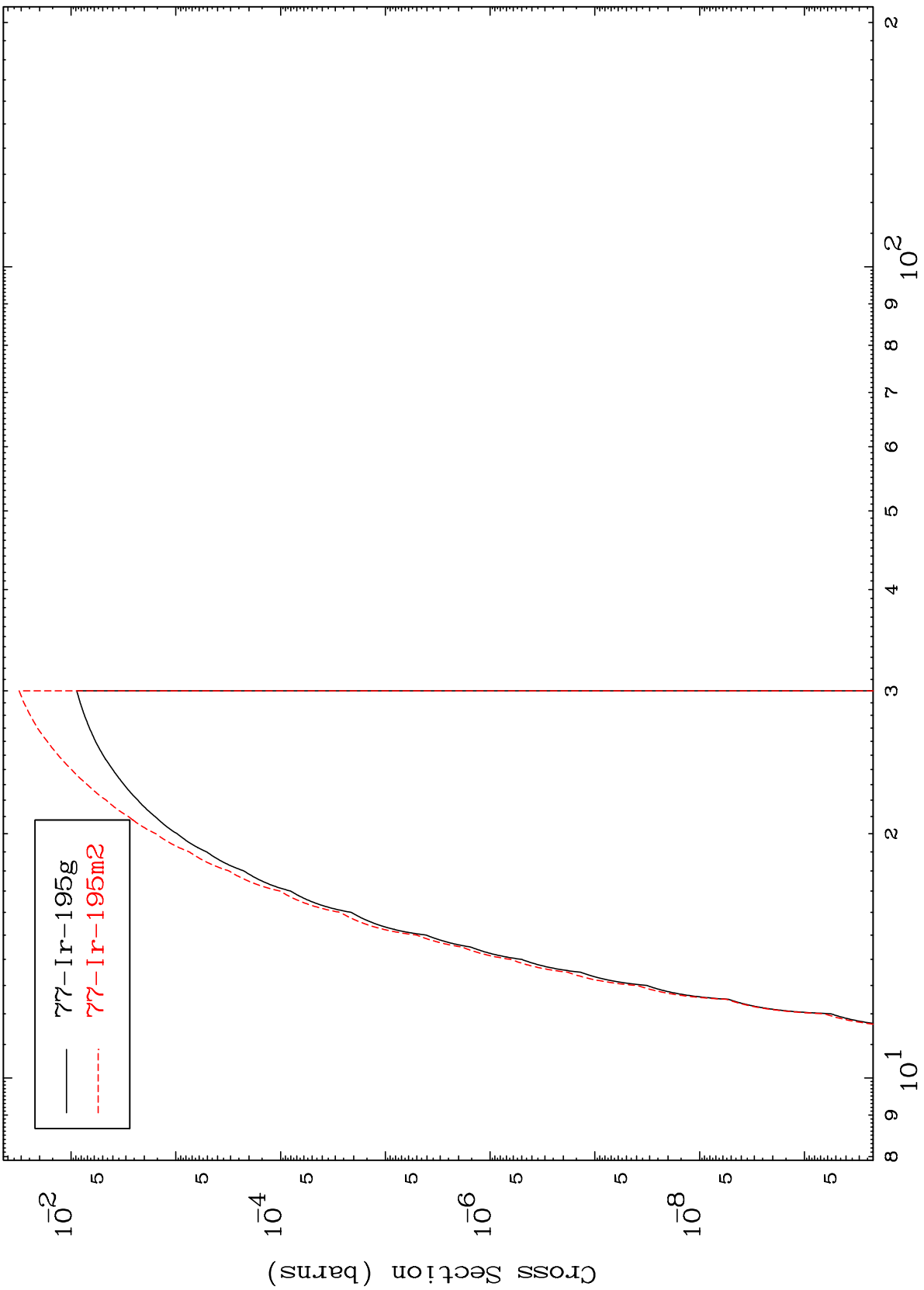
76-0s-190g
76-0s-190m10

MAT 7843

(n,n') p

78-Pt-196

Radionuclide Production Cross Section



137

Incident Energy (MeV)

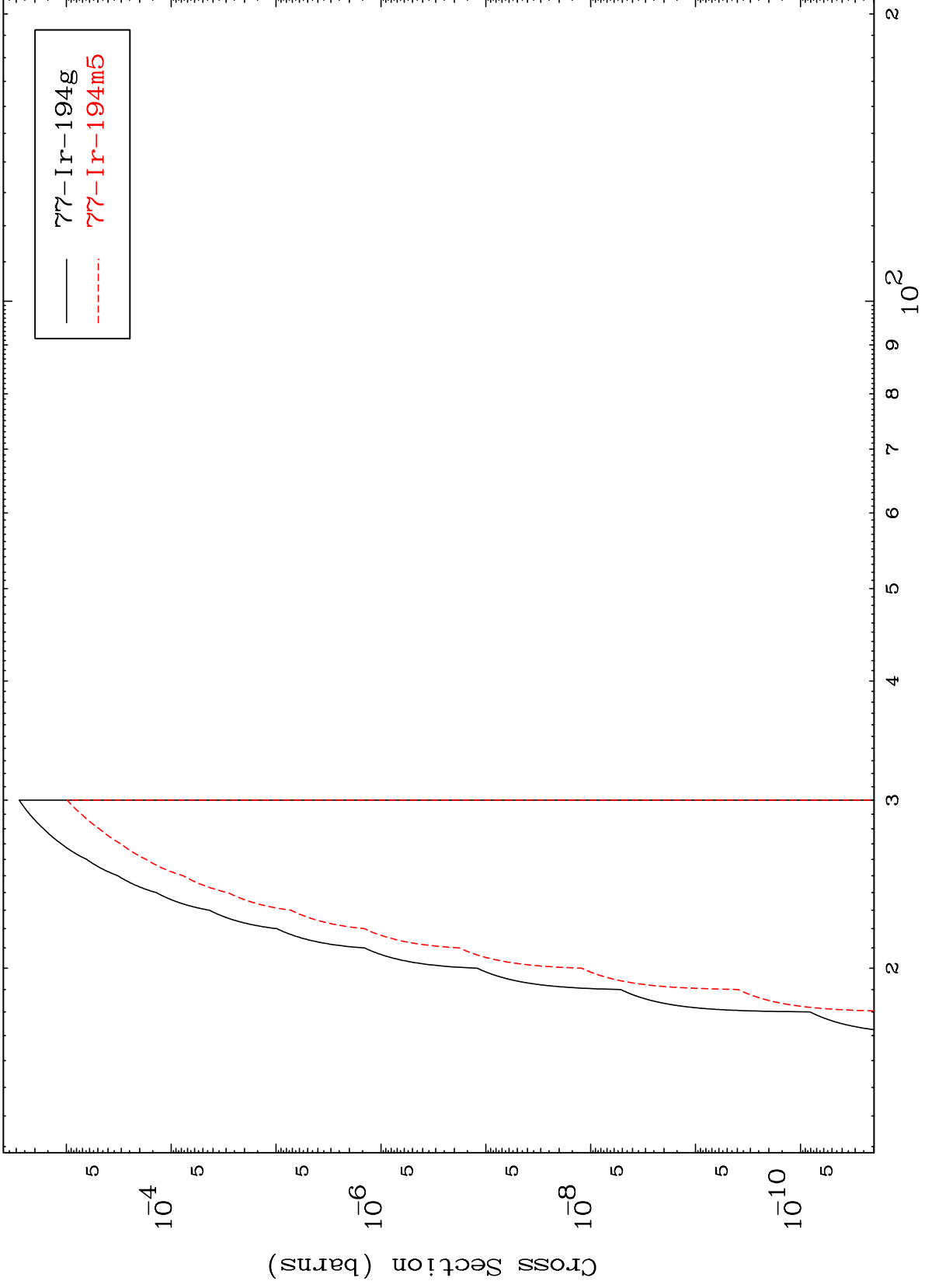
78-Pt-196

MAT 7843

(n,n') d

78-Pt-196

Radionuclide Production Cross Section



138

Incident Energy (MeV)

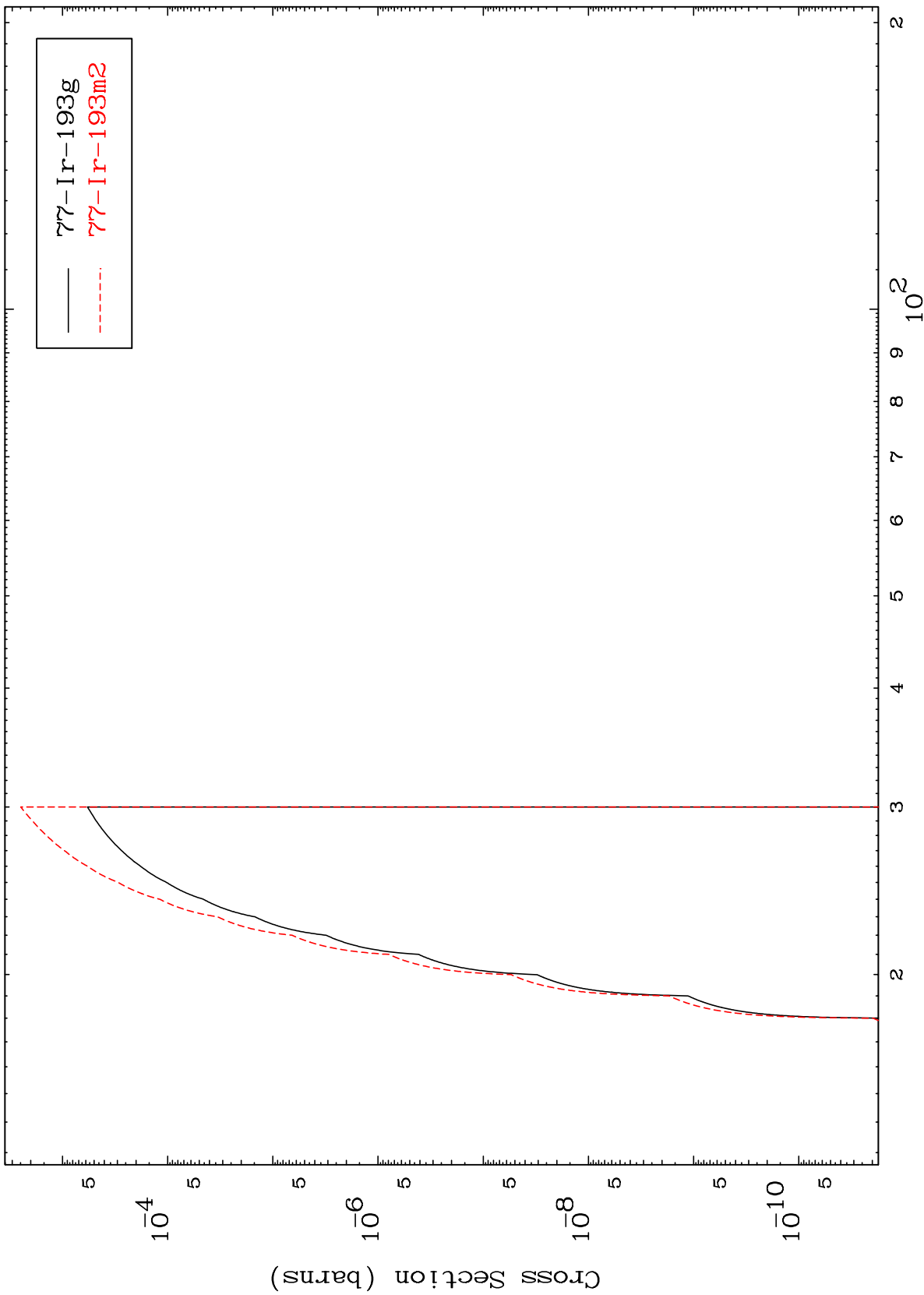
78-Pt-196

MAT 7843

(n,n') t

78-Pt-196

Radionuclide Production Cross Section



139

Incident Energy (MeV)

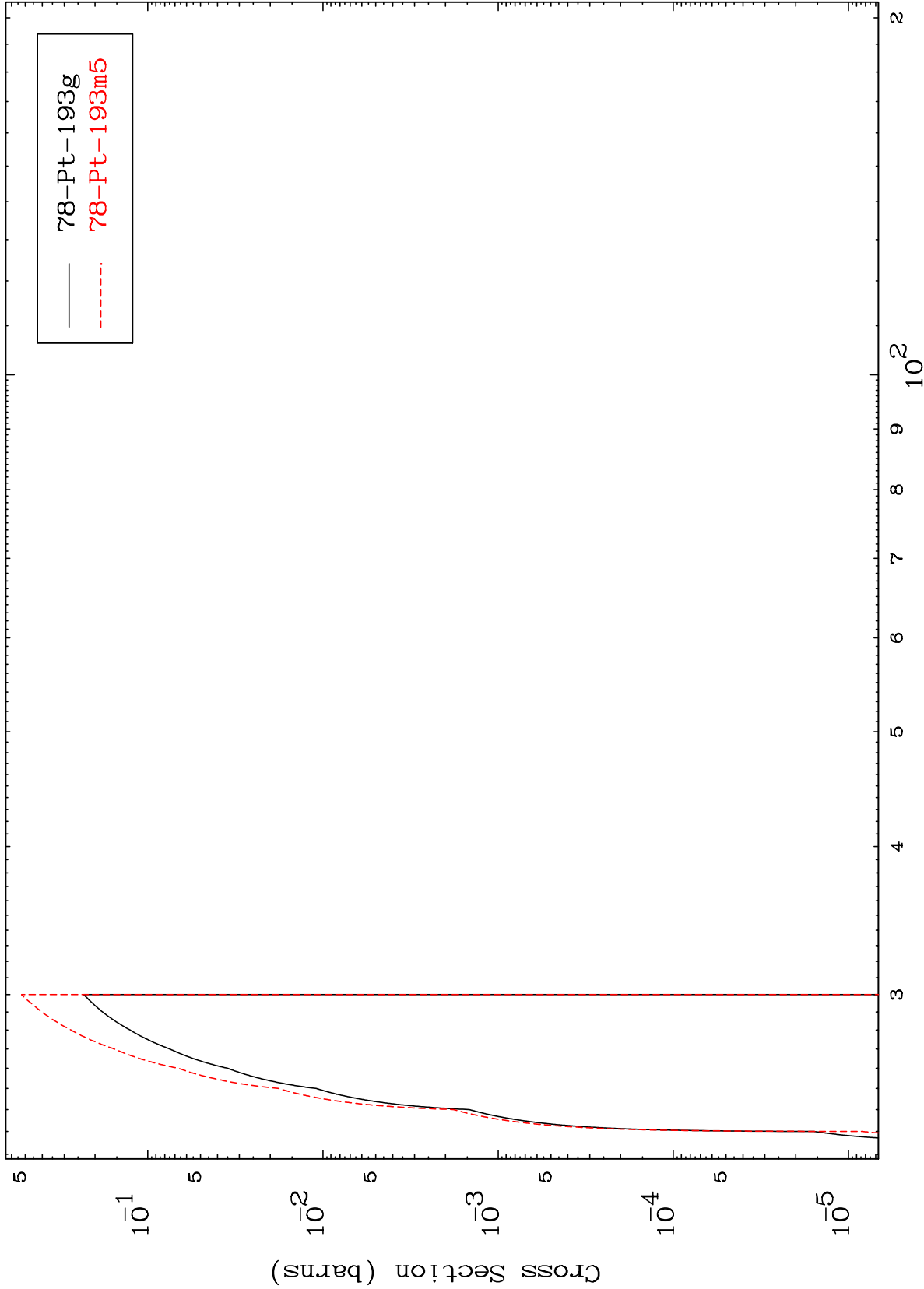
78-Pt-196

MAT 7843

(n,4n)

78-Pt-196

Radionuclide Production Cross Section



140

Incident Energy (MeV)

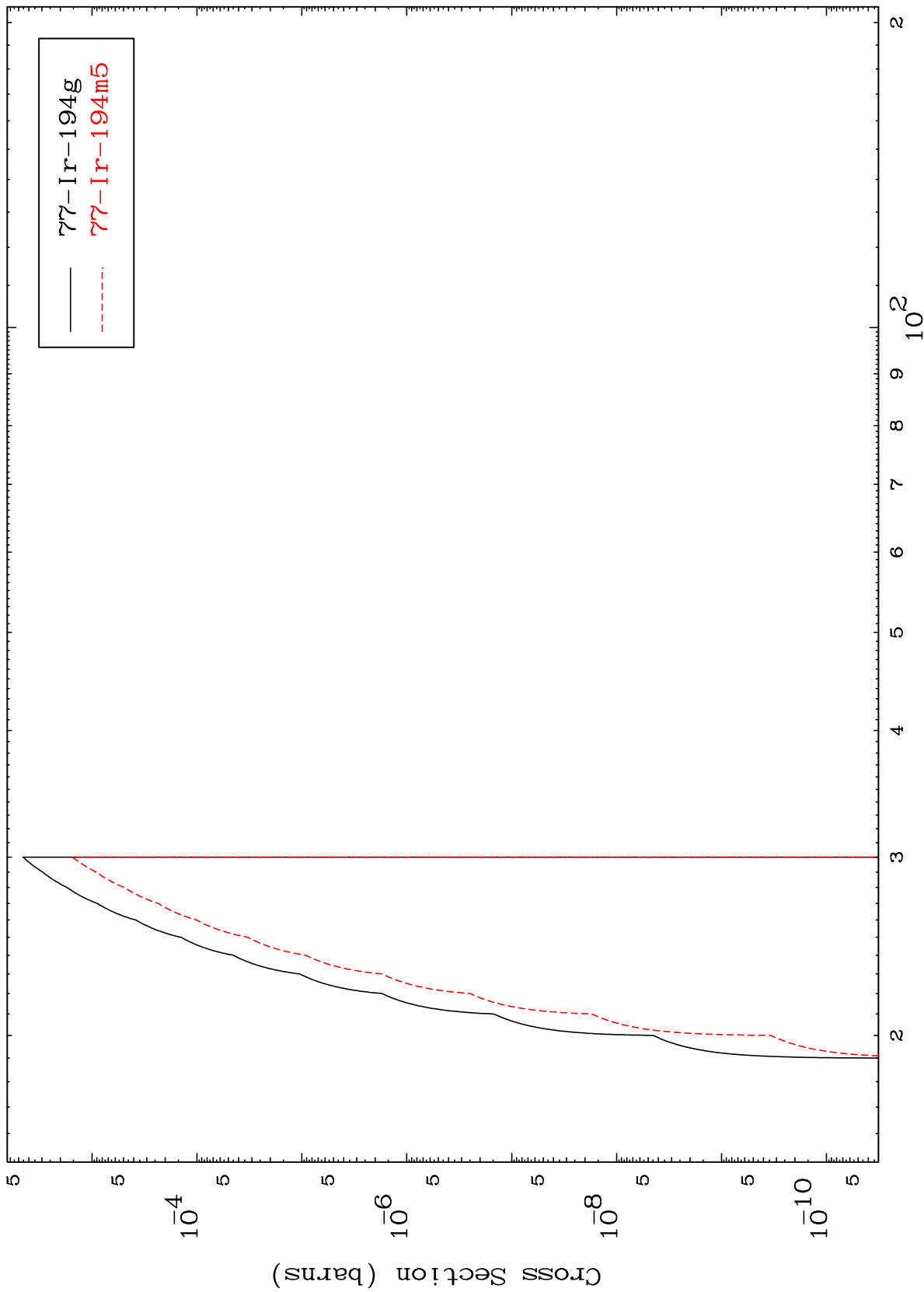
78-Pt-196

MAT 7843

(n,2n) p

78-Pt-196

Radionuclide Production Cross Section

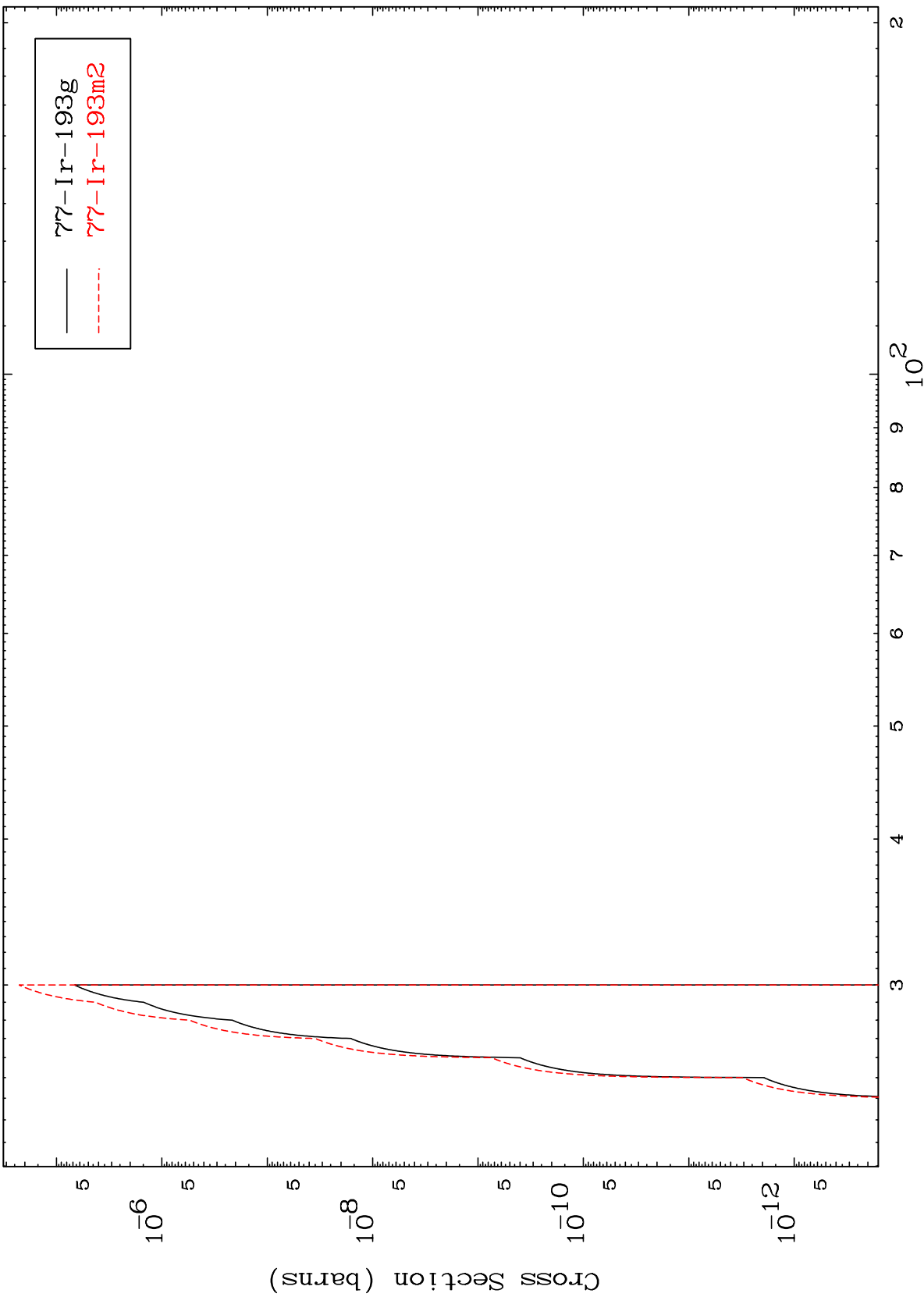


141

Incident Energy (MeV)

78-Pt-196

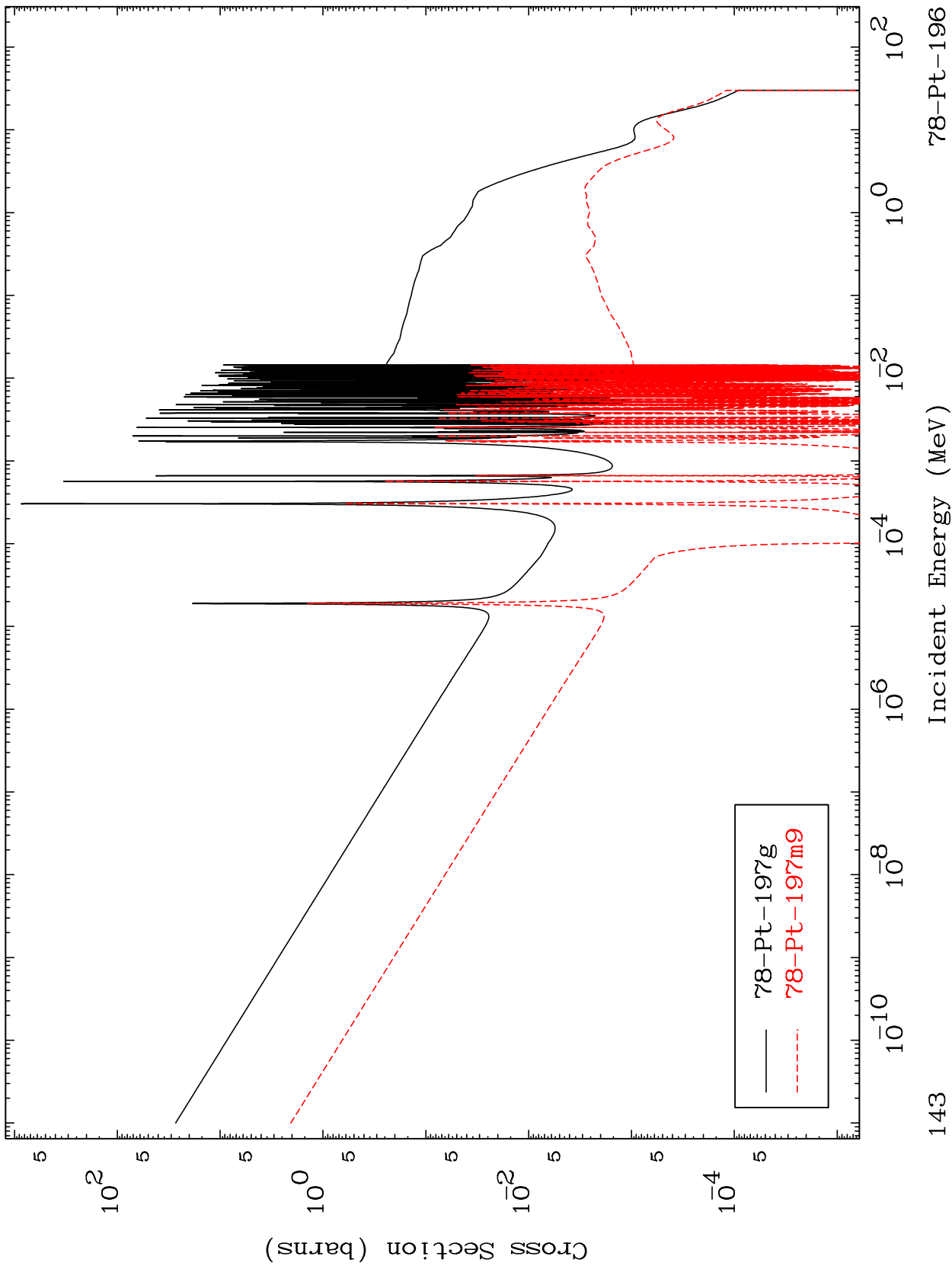
Radionuclide Production Cross Section



MAT 7843

78-Pt-196

(n,γ)
Radionuclide Production Cross Section



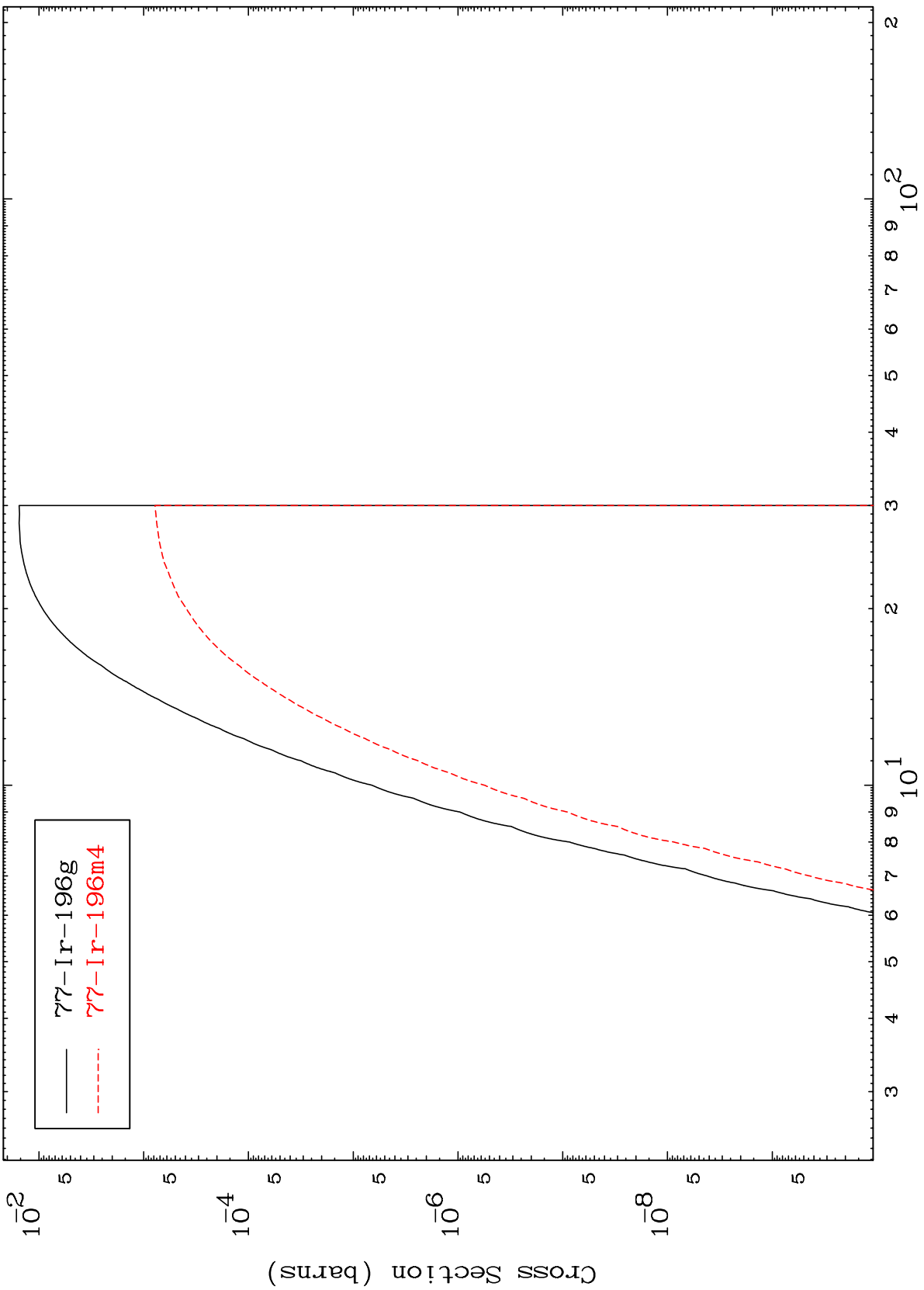
143

78-Pt-196

MAT 7843

78-Pt-196

(n,p)
Radionuclide Production Cross Section



144

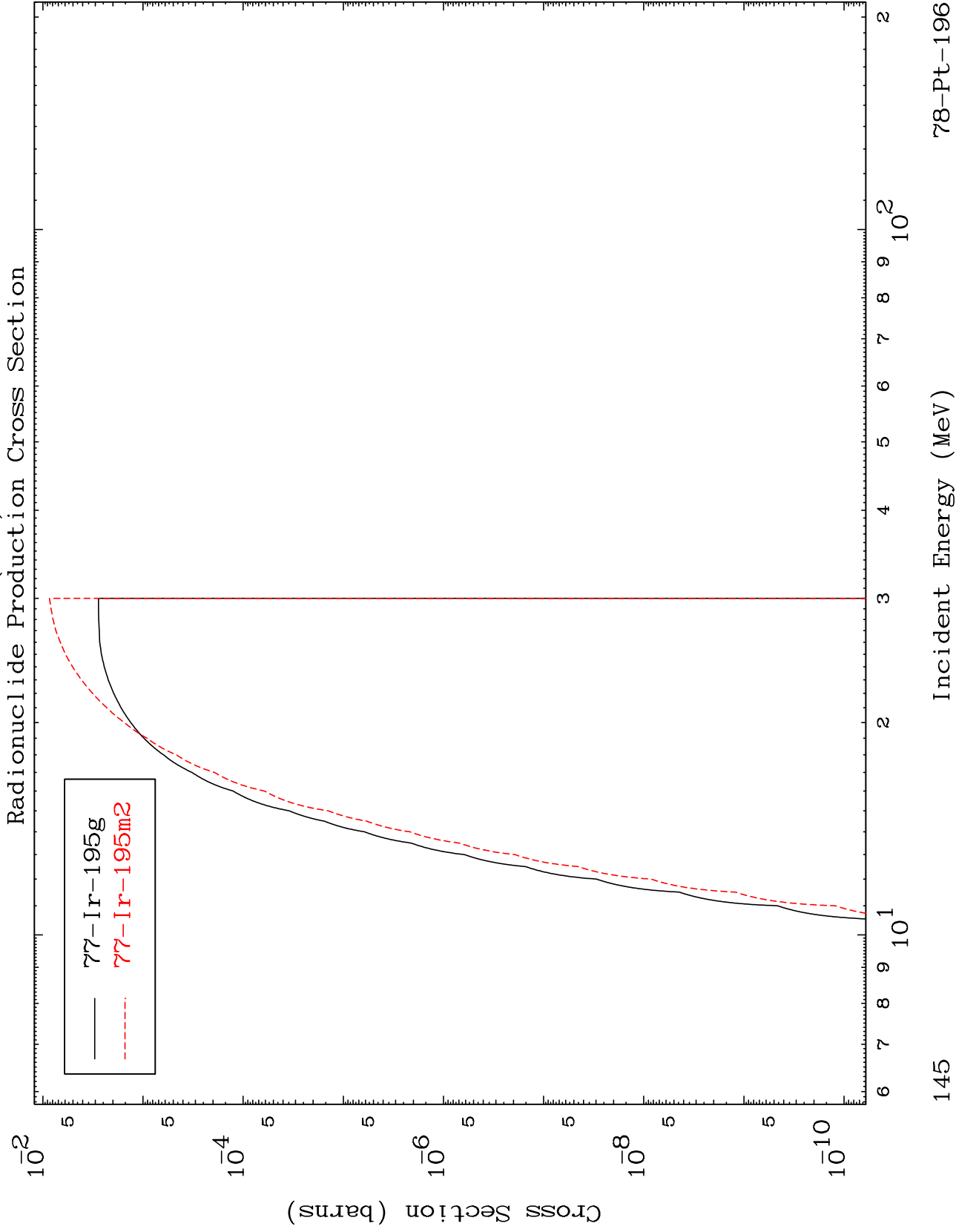
Incident Energy (MeV)

78-Pt-196

MAT 7843

(n,d)

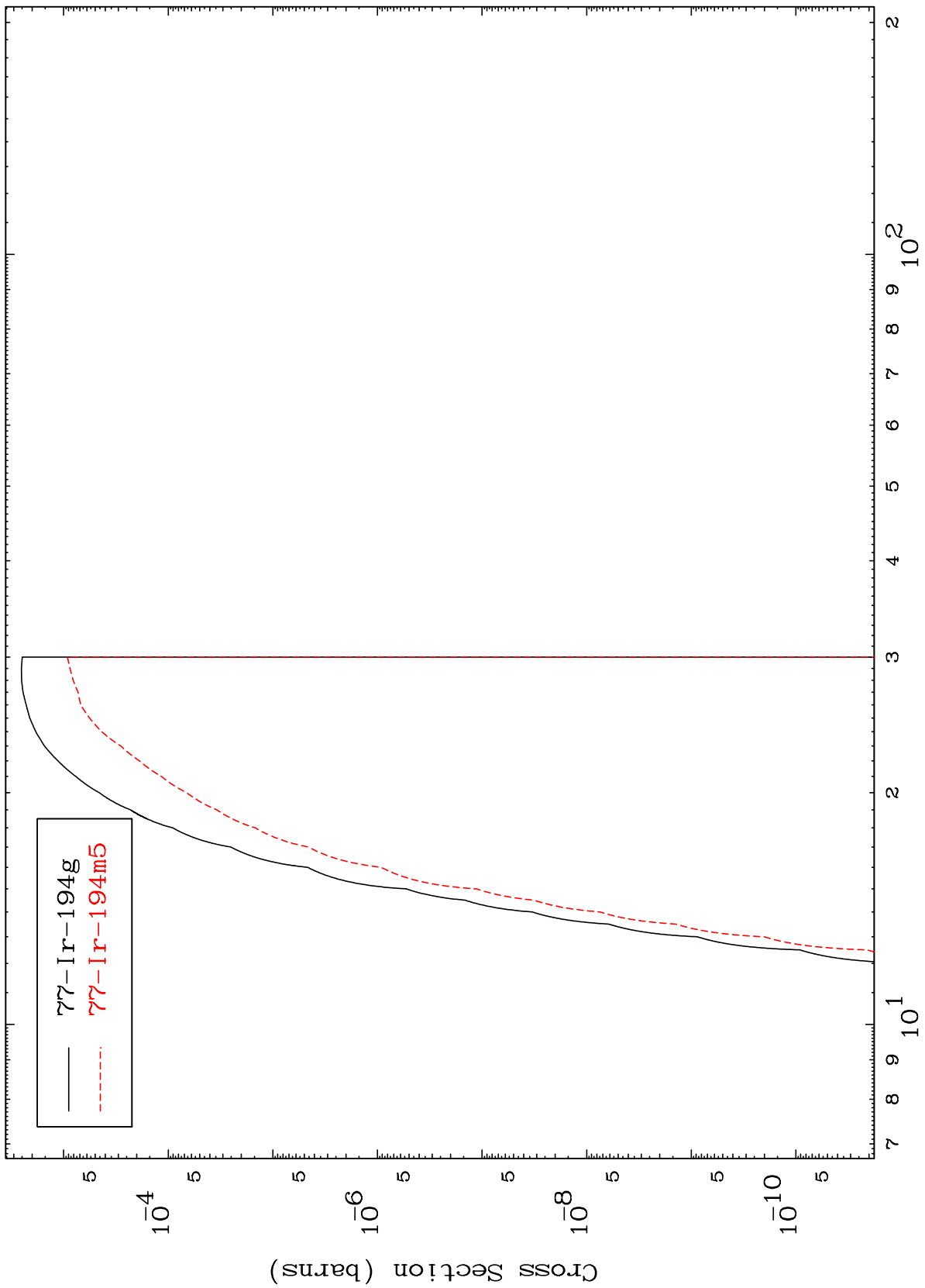
78-Pt-196



145

78-Pt-196

(n, t)
Radionuclide Production Cross Section

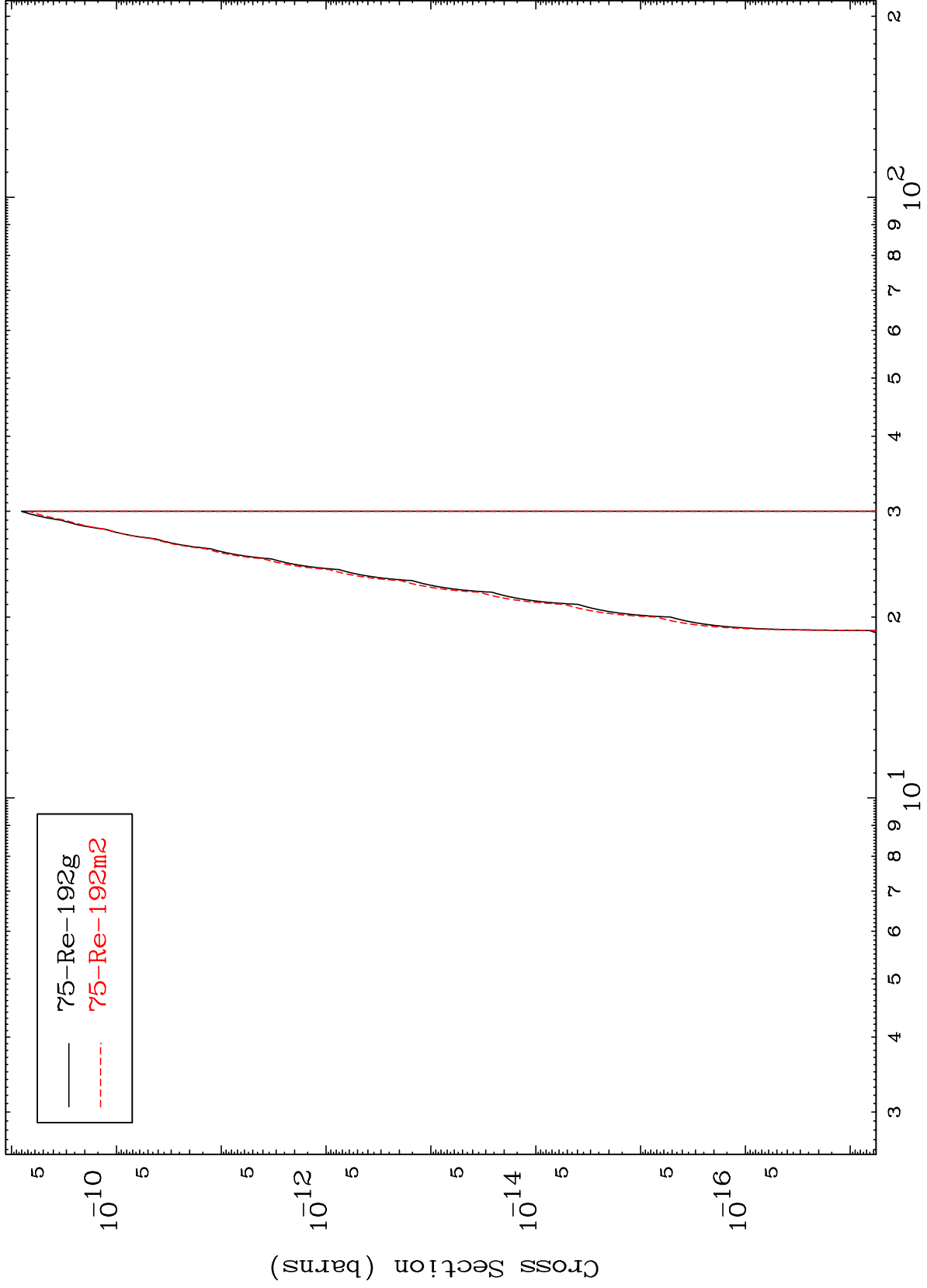


MAT 7843

(n,p) α

78-Pt-196

Radionuclide Production Cross Section



147

Incident Energy (MeV)

78-Pt-196