

Program EVALPLOT  
(Version 2015-2)

by

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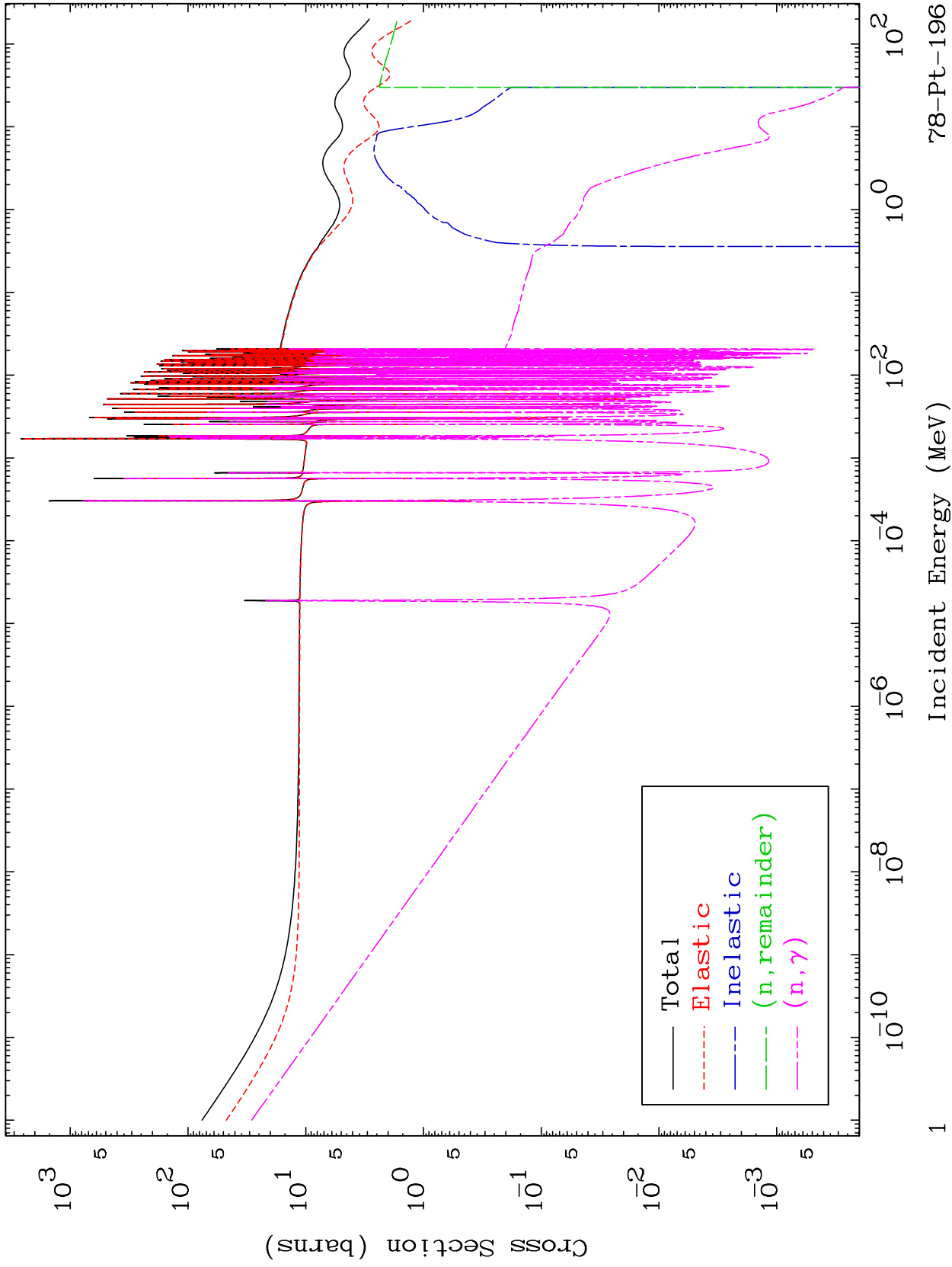
Press Mouse Button to Start

MAT 7843

Major

293 Kelvin Cross Sections

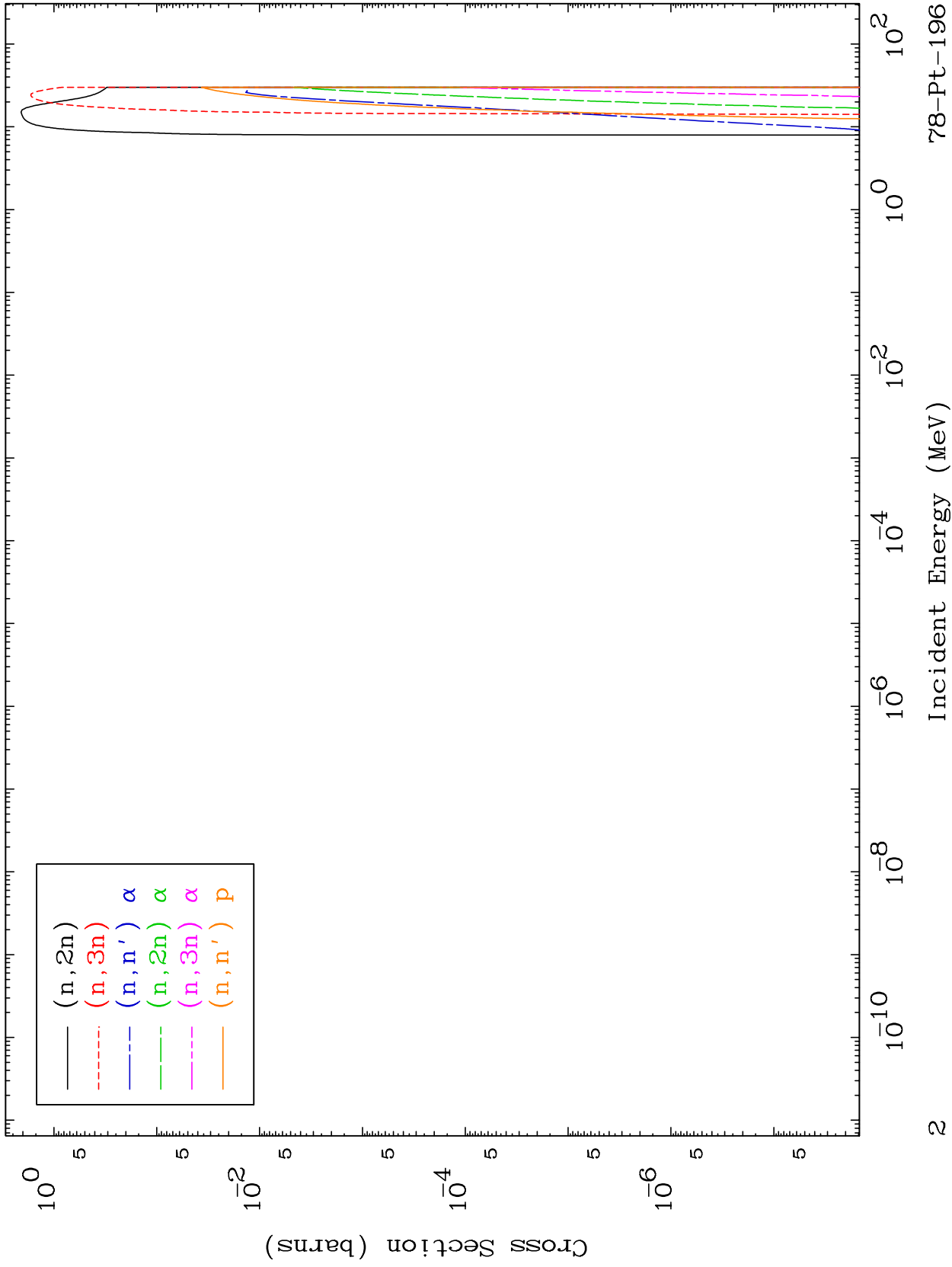
78-Pt-196

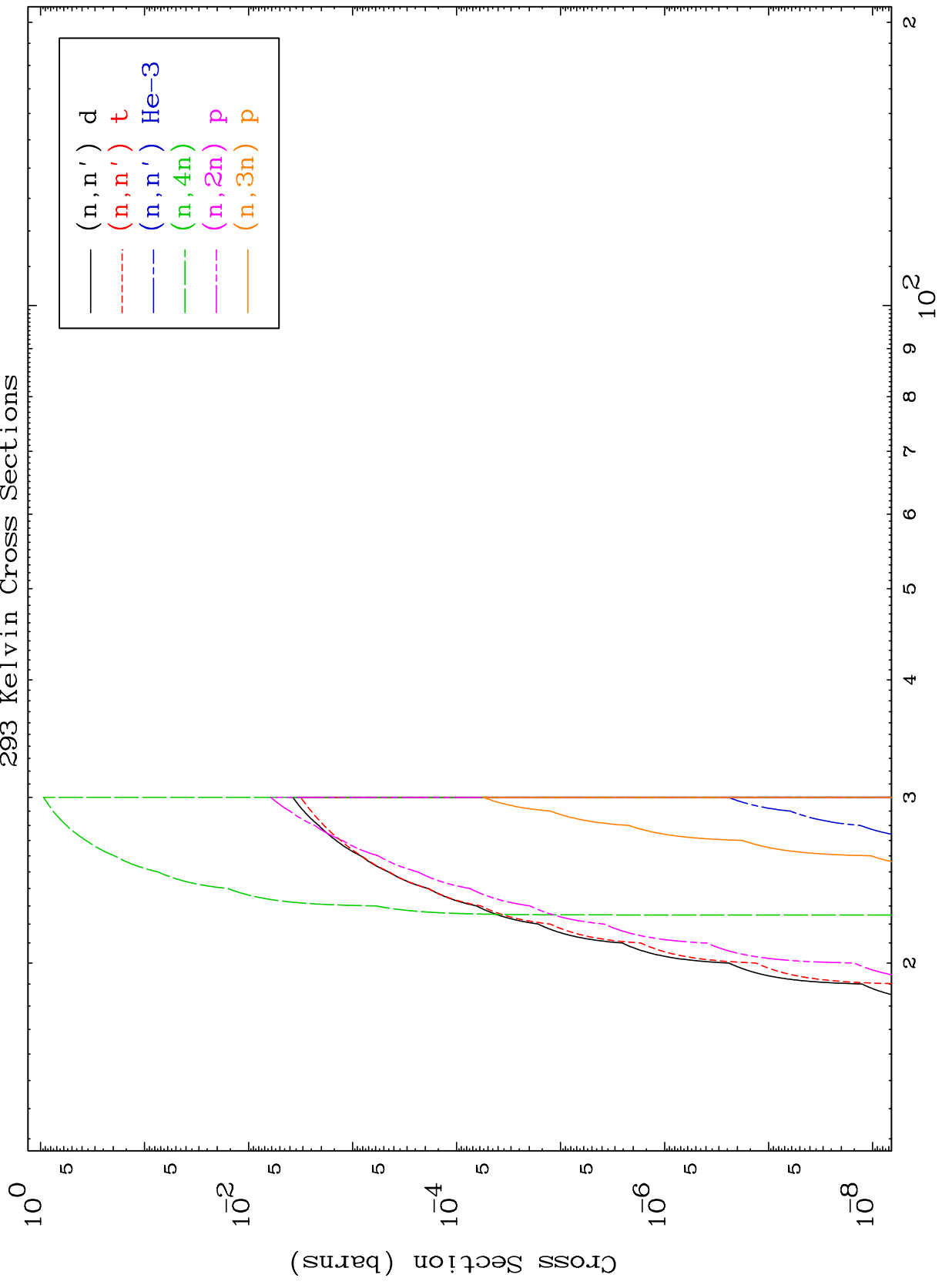


MAT 7843

Neutron Production  
293 Kelvin Cross Sections

78-Pt-196

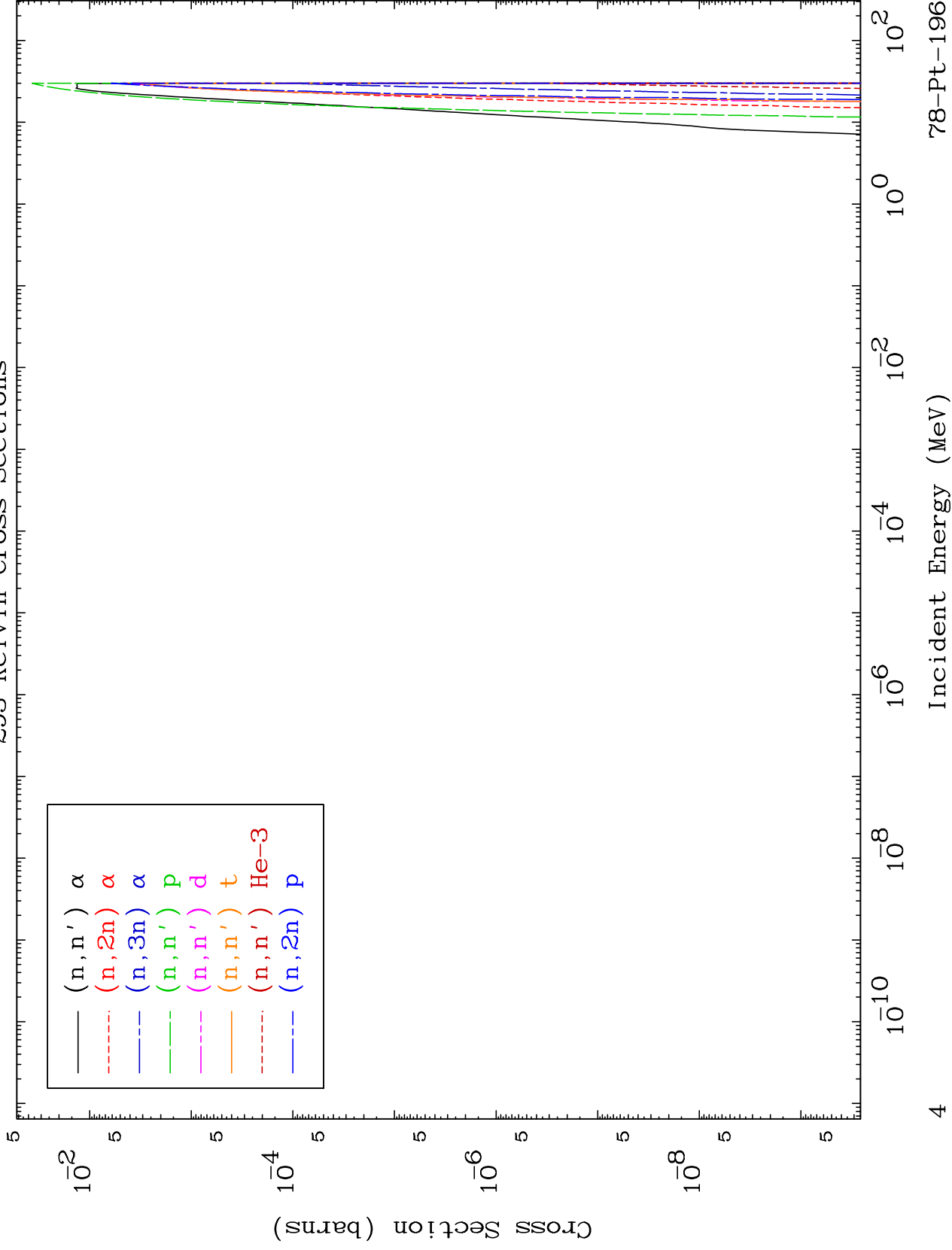




MAT 7843

Charged Particle  
293 Kelvin Cross Sections

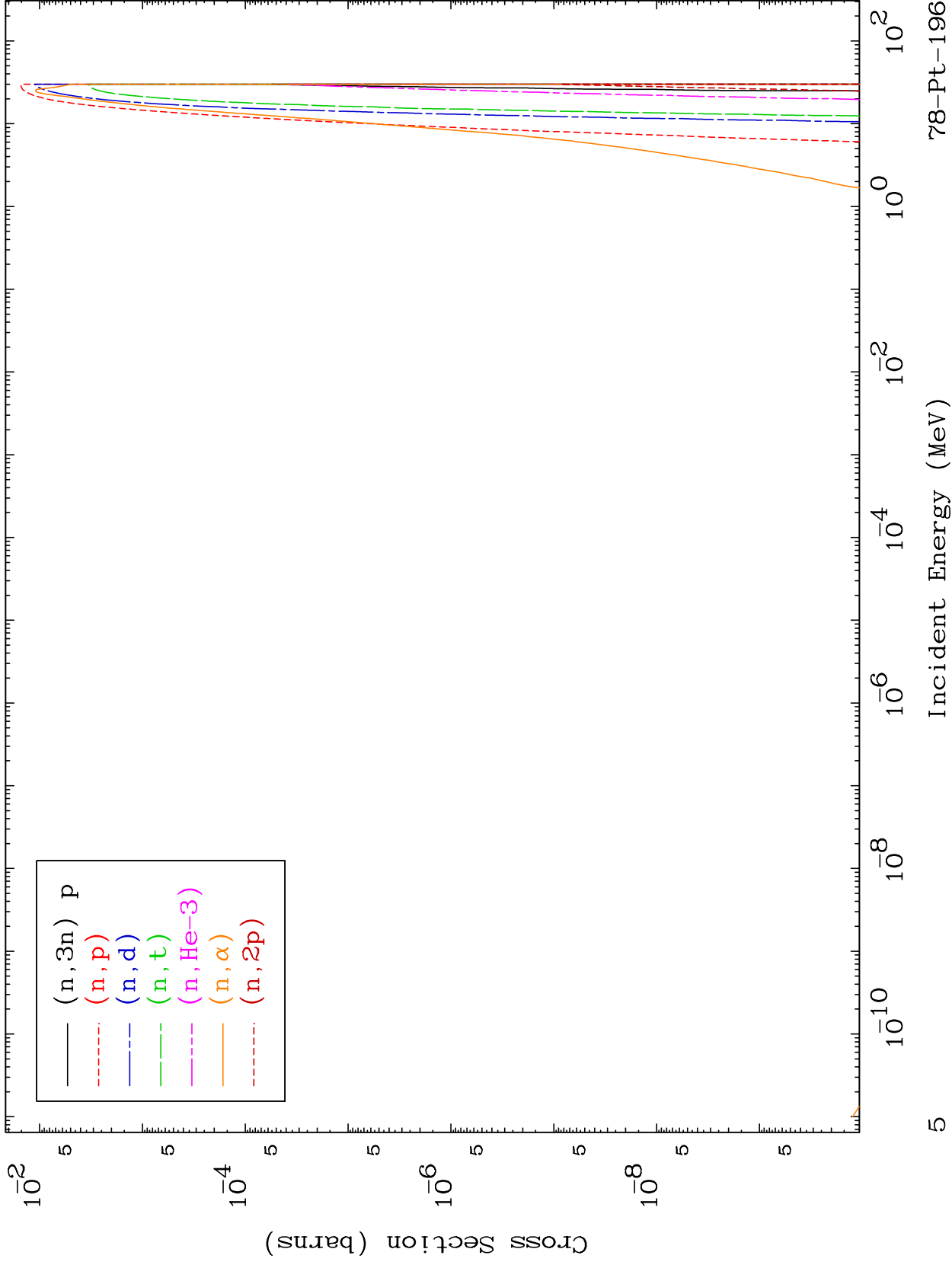
78-Pt-196



MAT 7843

Charged Particle  
293 Kelvin Cross Sections

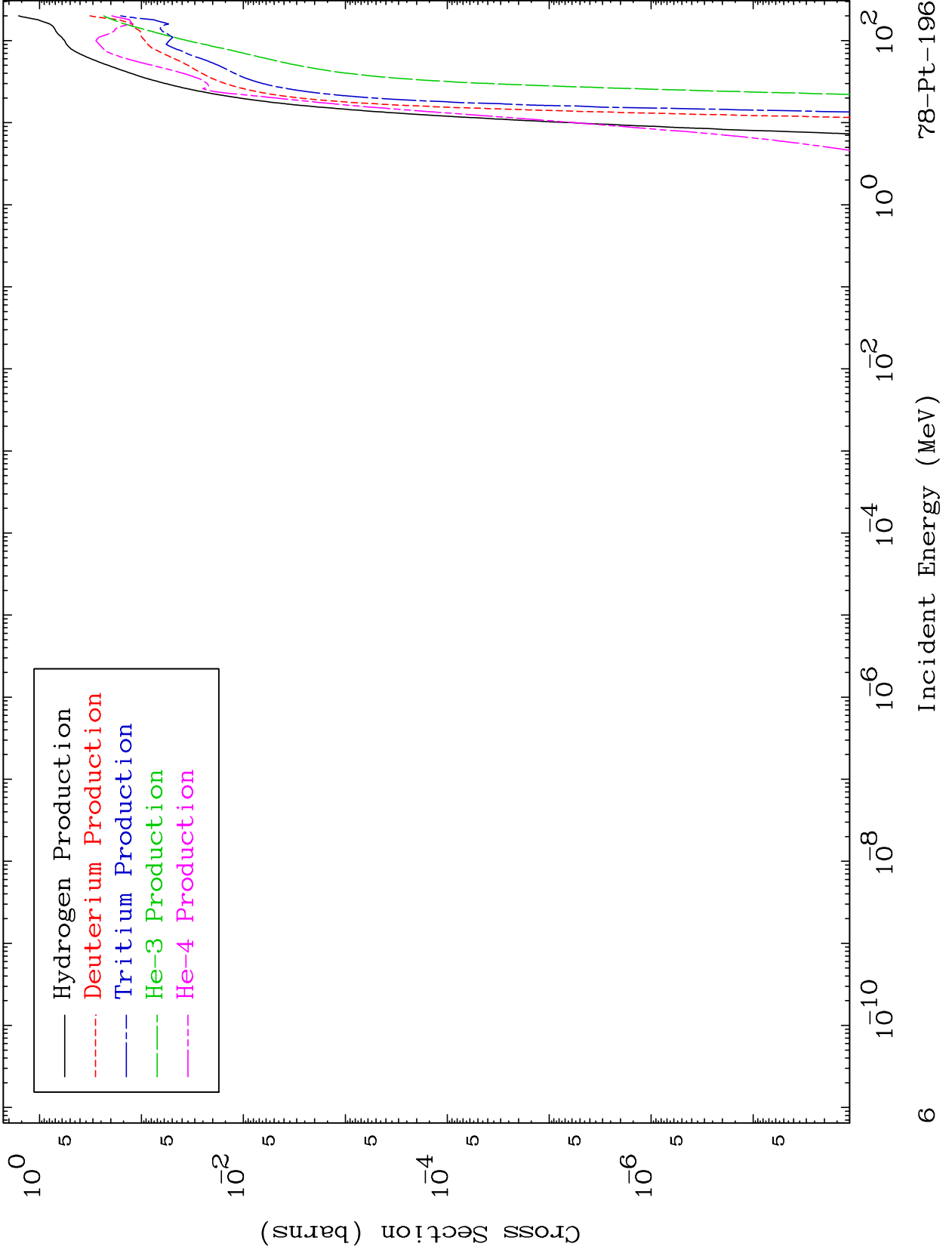
78-Pt-196



MAT 7843

Particle Production  
293 Kelvin Cross Sections

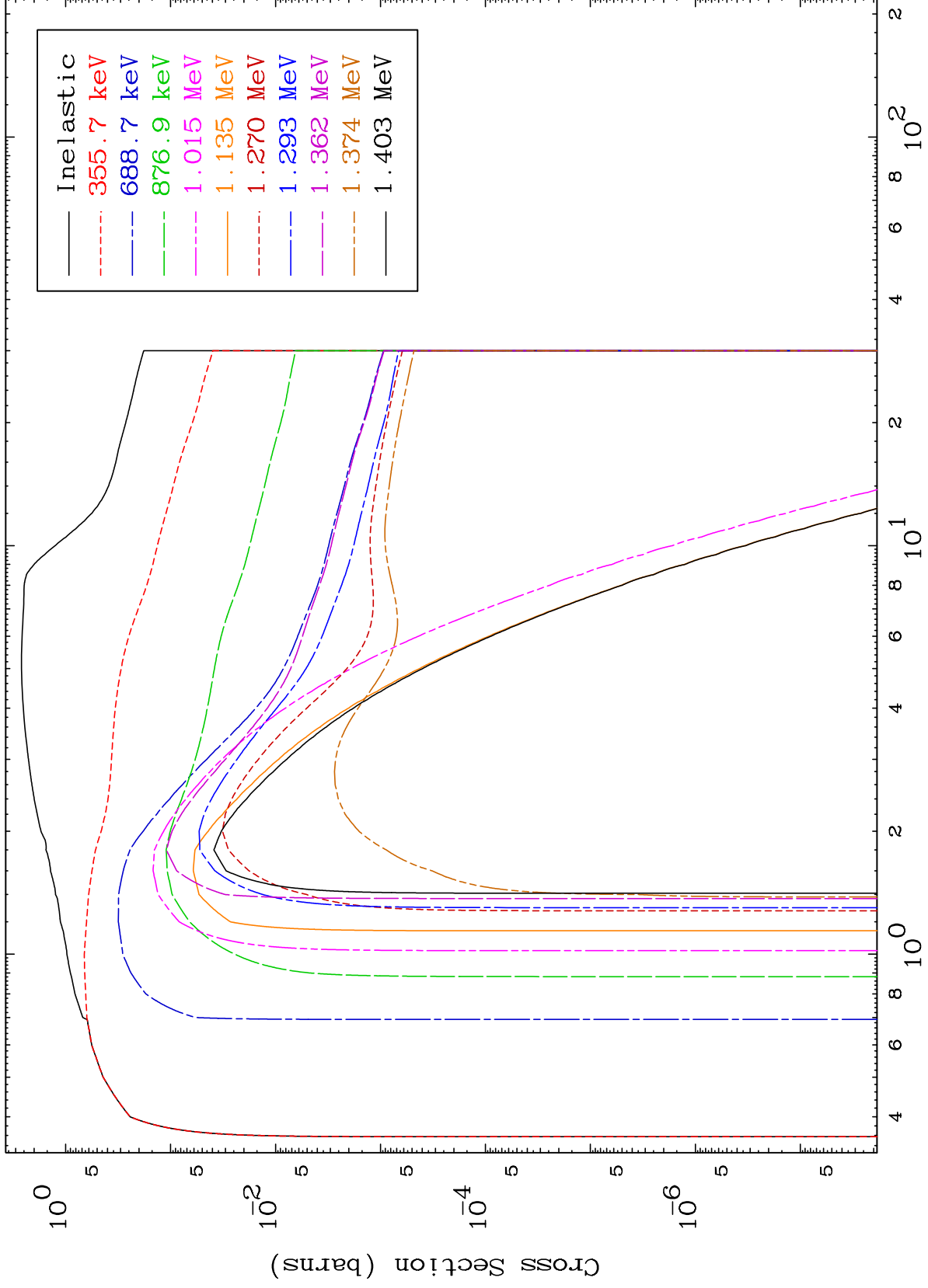
78-Pt-196



MAT 7843

(n,n') Level  
293 Kelvin Cross Sections

78-Pt-196

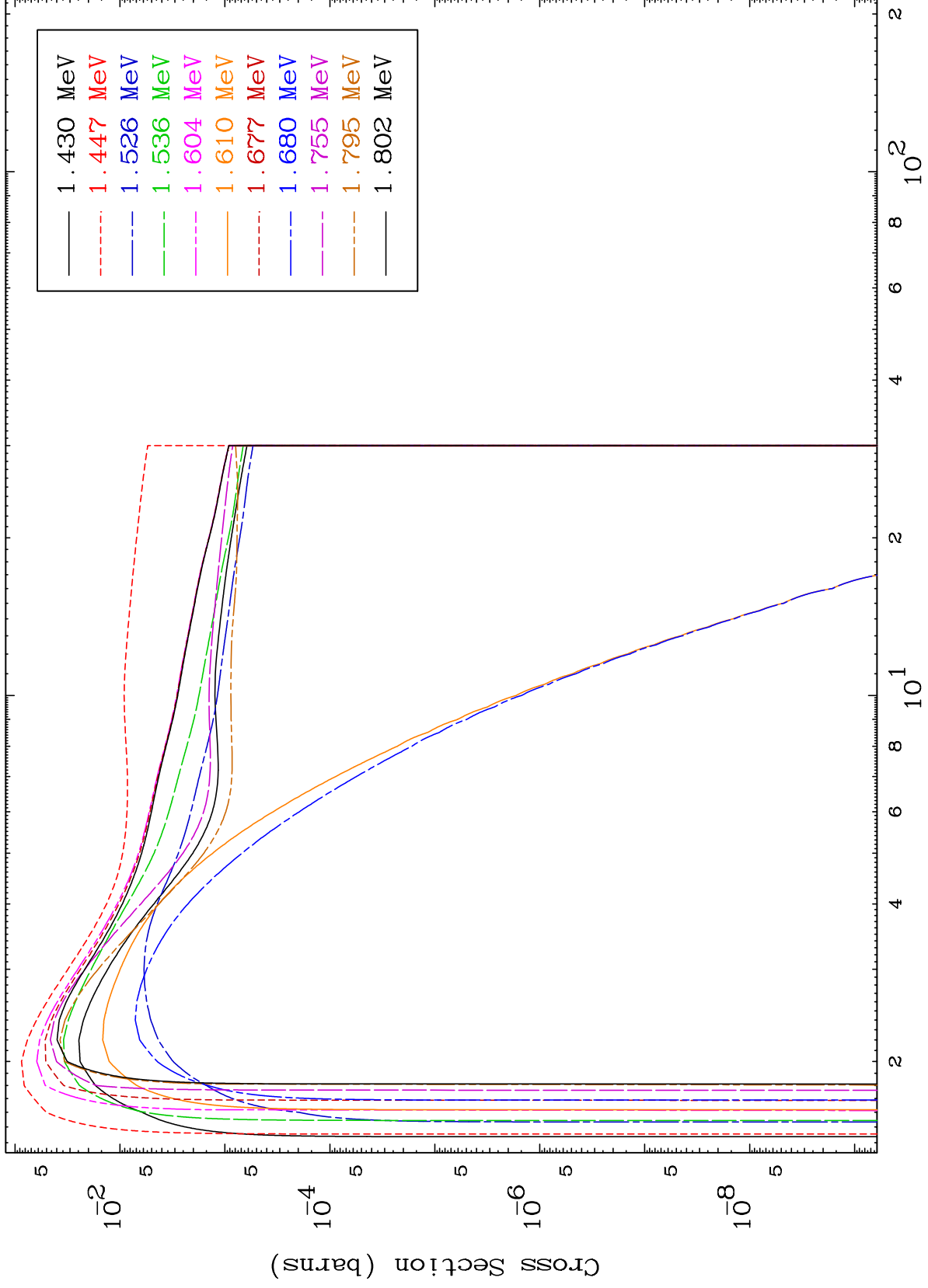




MAT 7843

(n,n') Level  
293 Kelvin Cross Sections

78-Pt-196



8

Incident Energy (MeV)

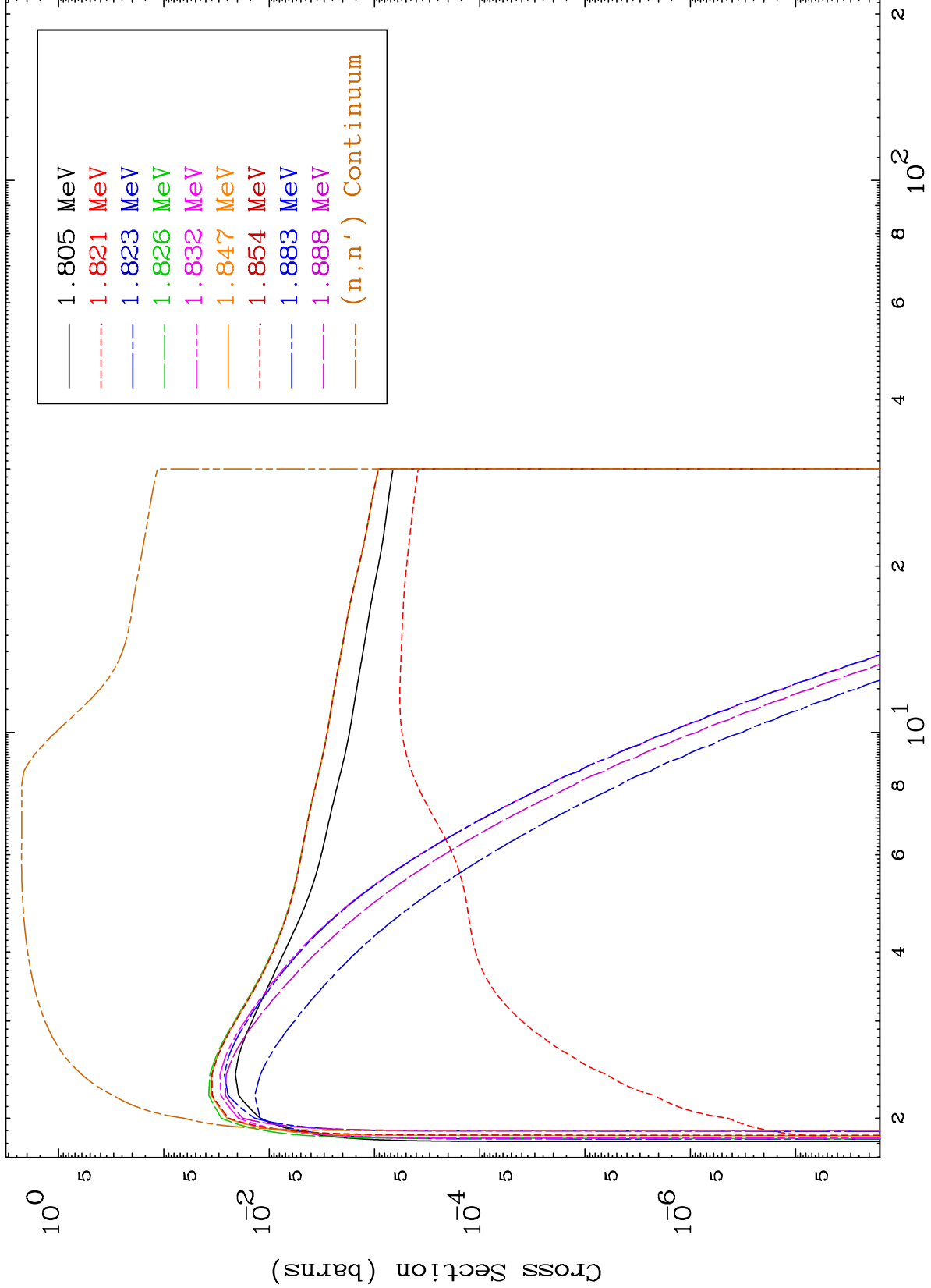
78-Pt-196

MAT 7843

(n,n') Level

78-Pt-196

293 Kelvin Cross Sections



9

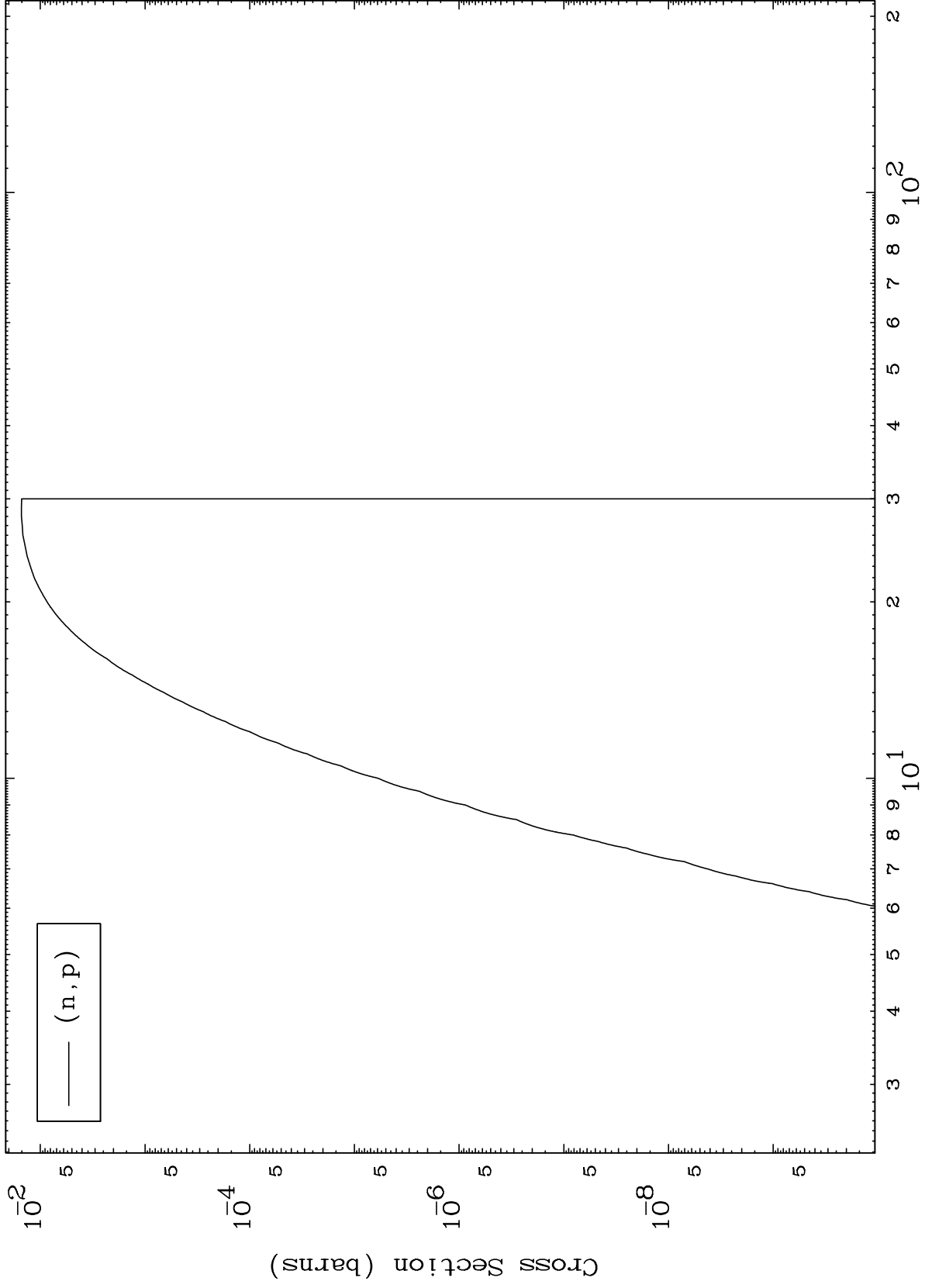
Incident Energy (MeV)

78-Pt-196

MAT 7843

(n,p) Levels  
293 Kelvin Cross Sections

78-Pt-196



10

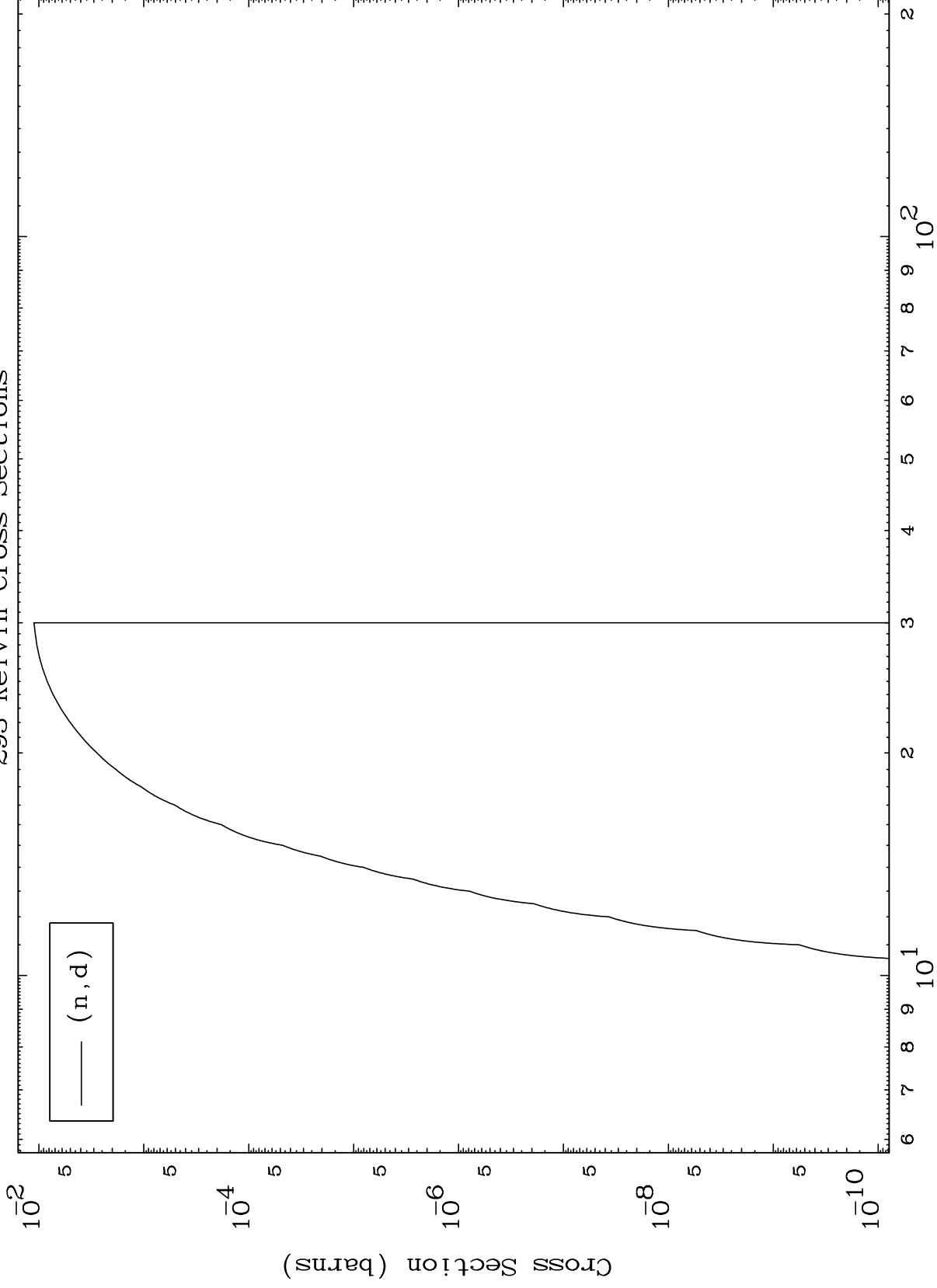
Incident Energy (MeV)

78-Pt-196

MAT 7843

(n,d) Levels  
293 Kelvin Cross Sections

78-Pt-196



11

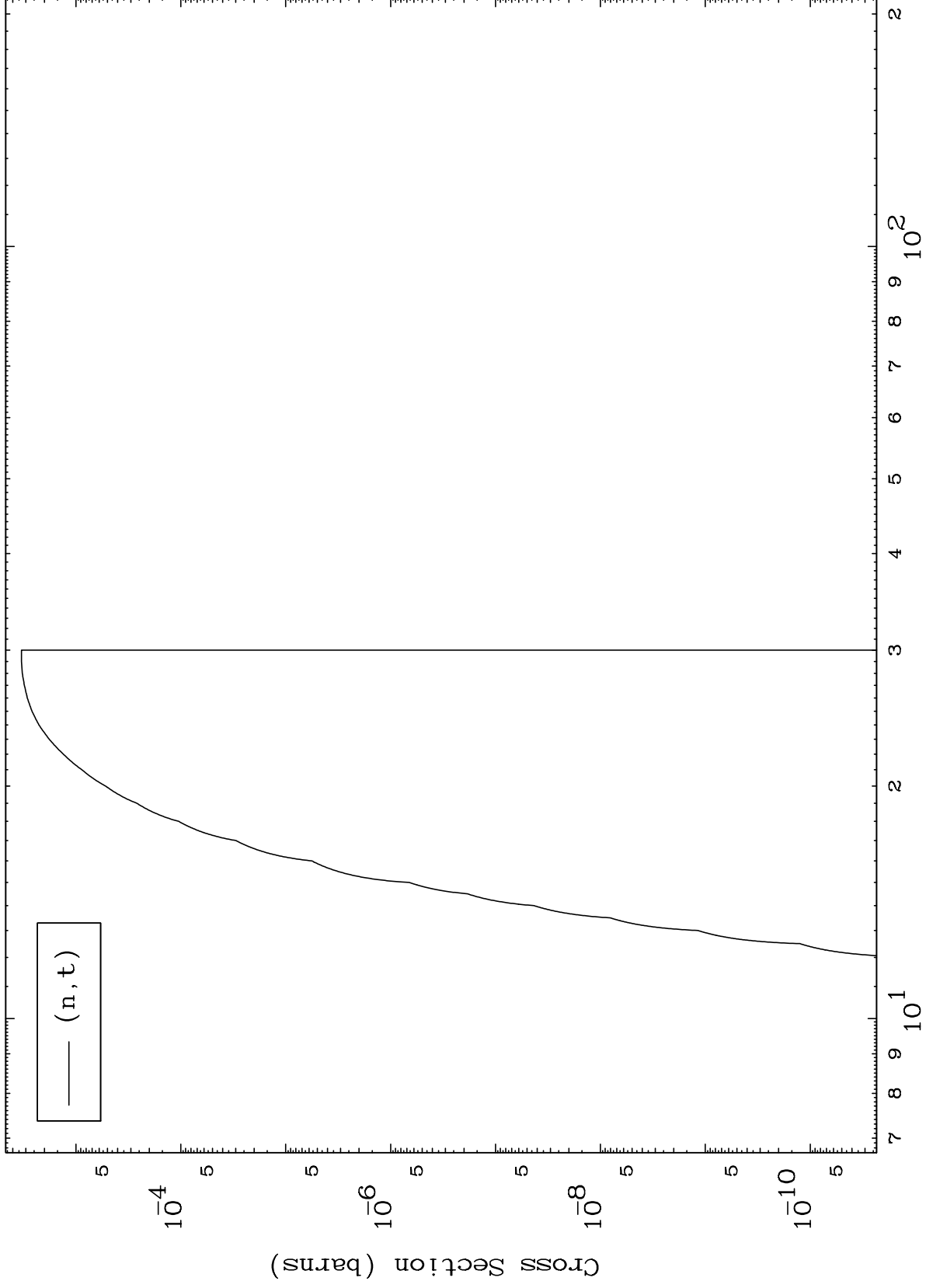
Incident Energy (MeV)

78-Pt-196

MAT 7843

(n,t) Levels  
293 Kelvin Cross Sections

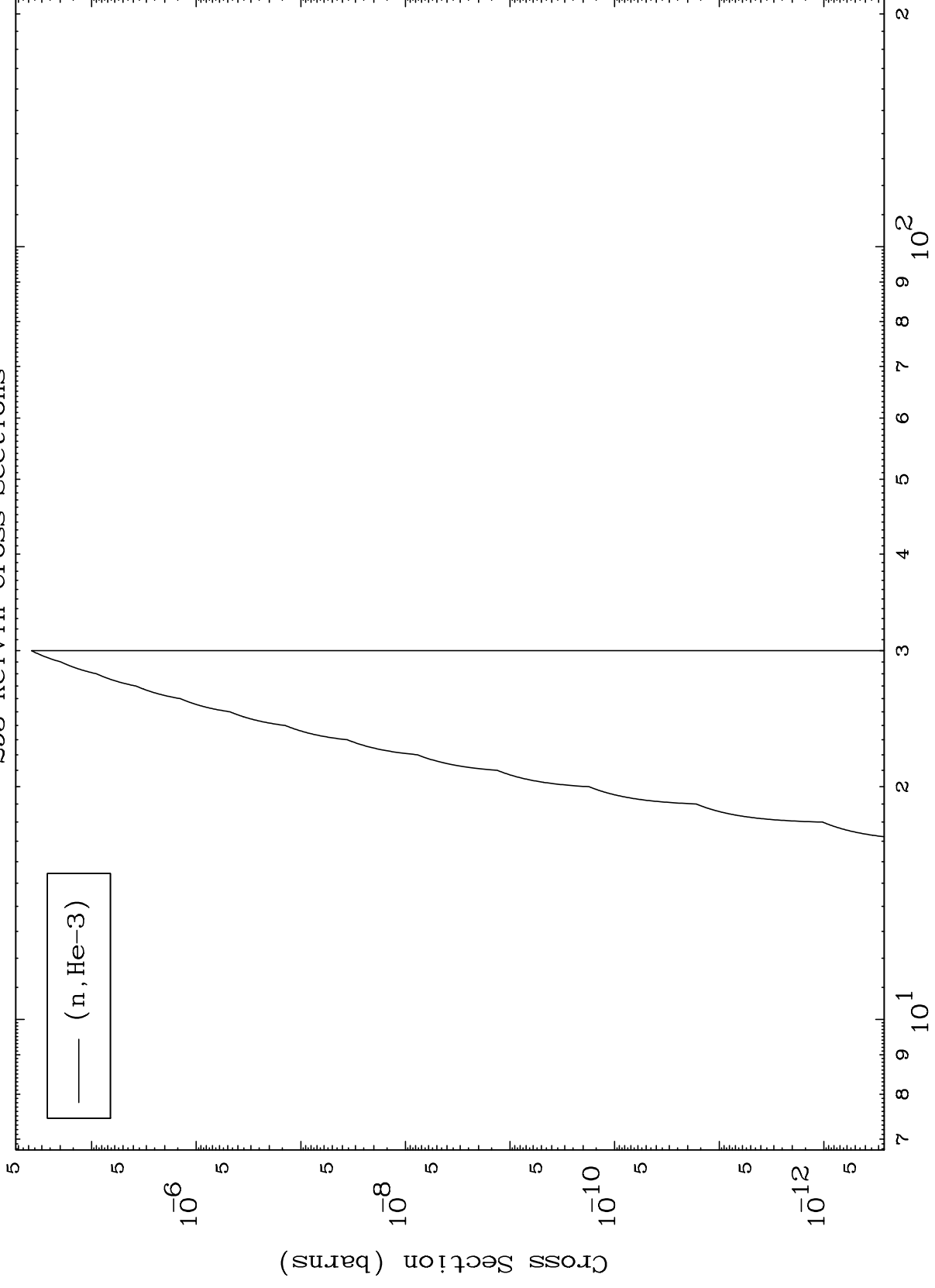
78-Pt-196



12

Incident Energy (MeV)

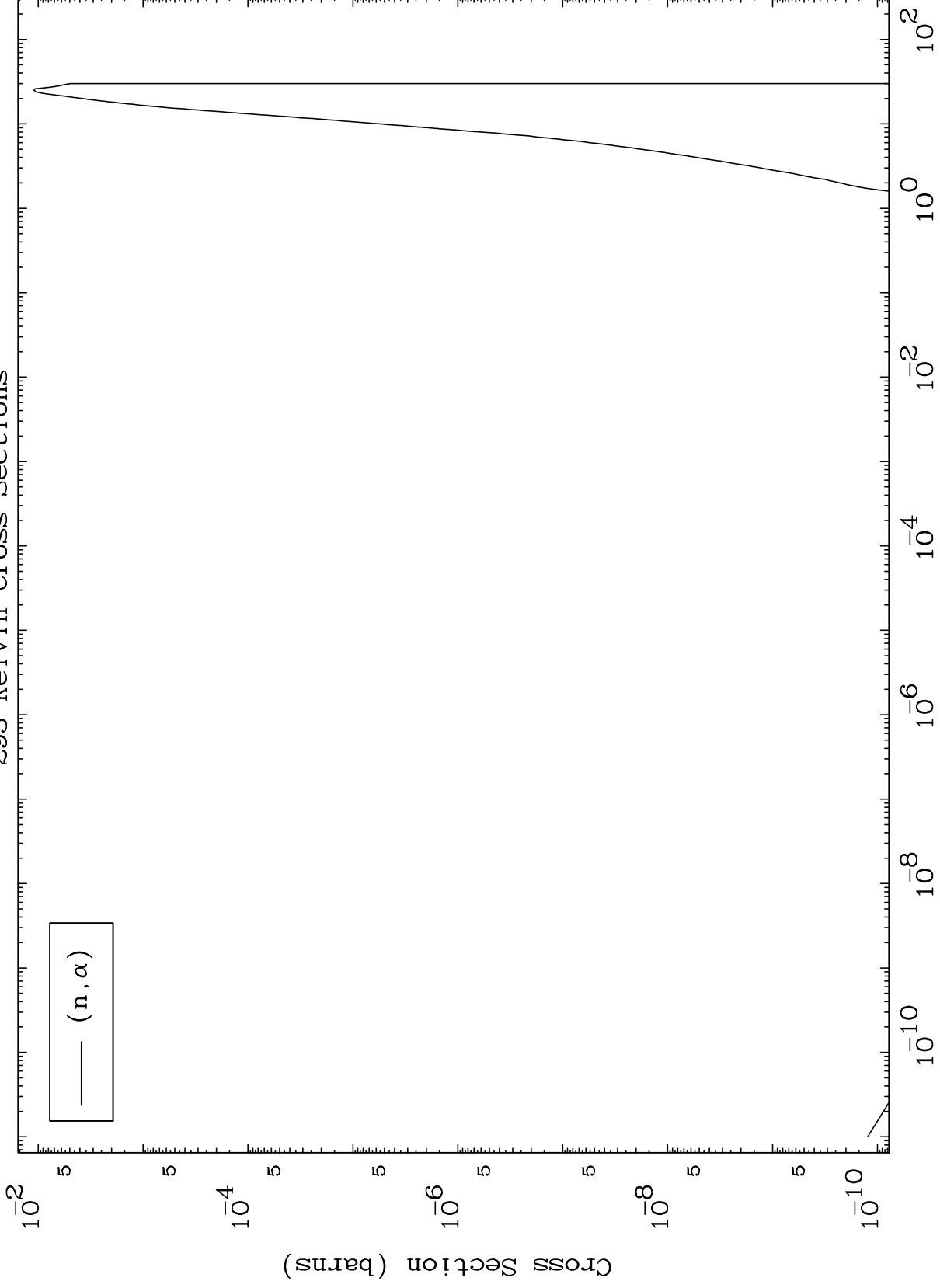
78-Pt-196

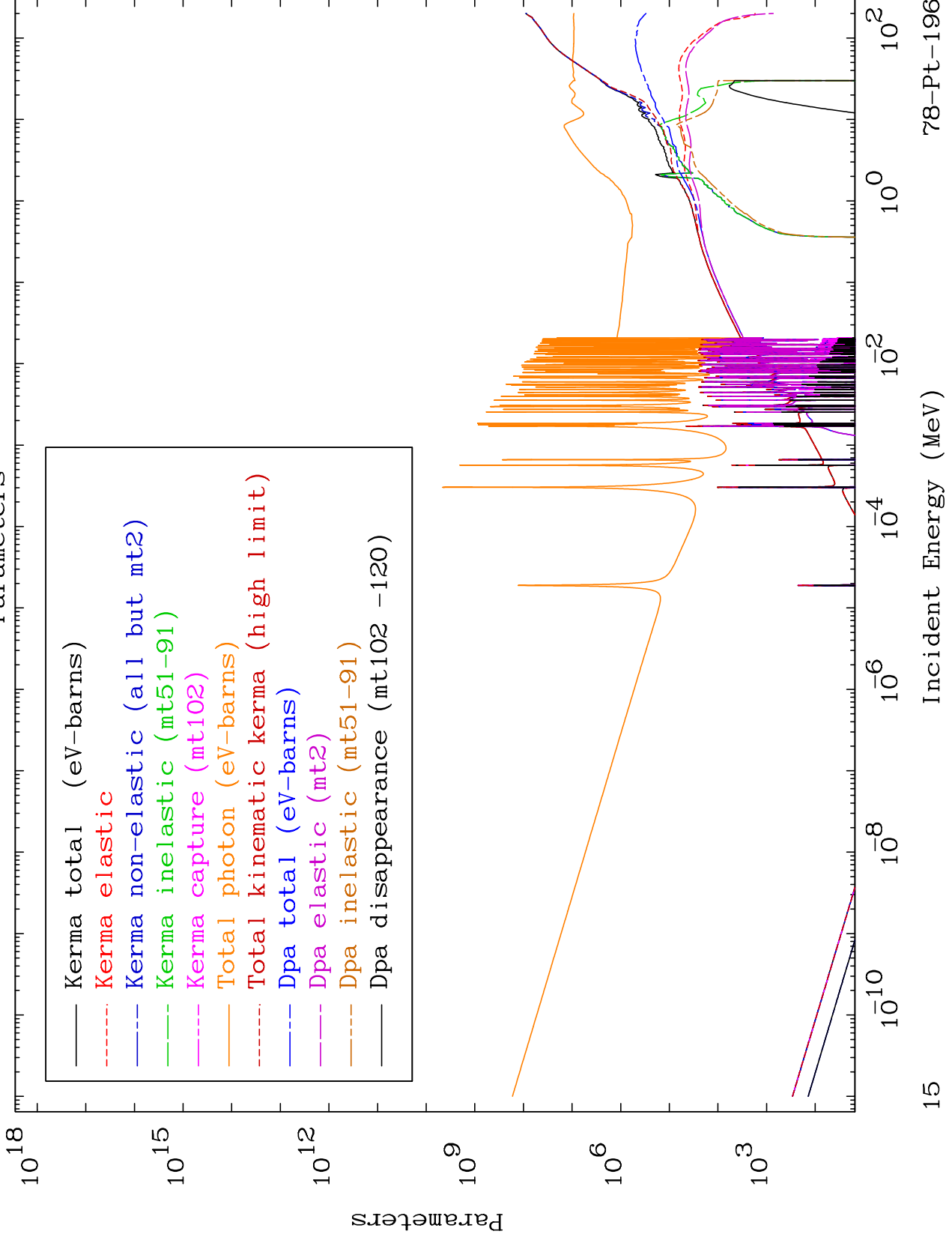


MAT 7843

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

78-Pt-196



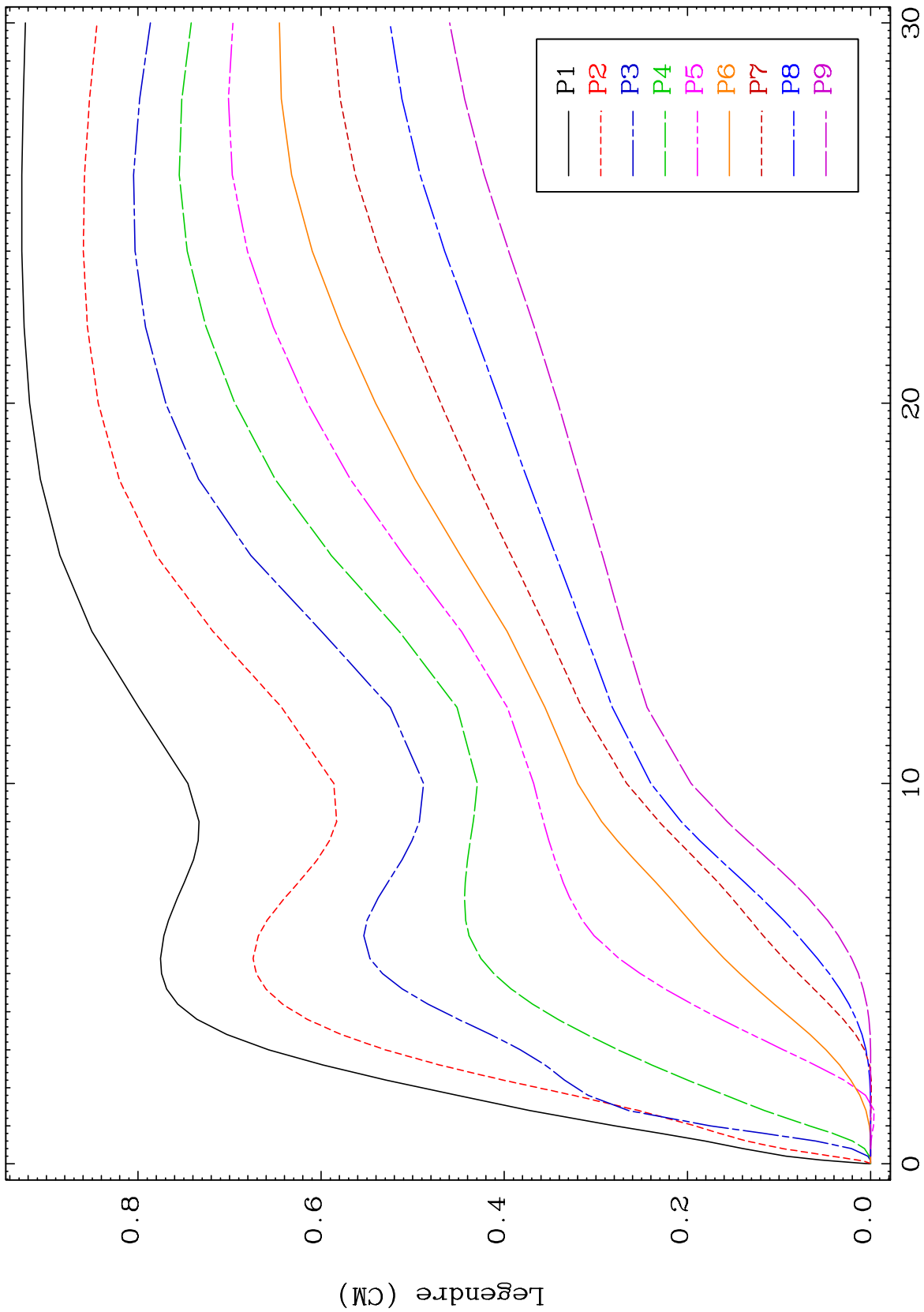




MAT 7843

78-Pt-196

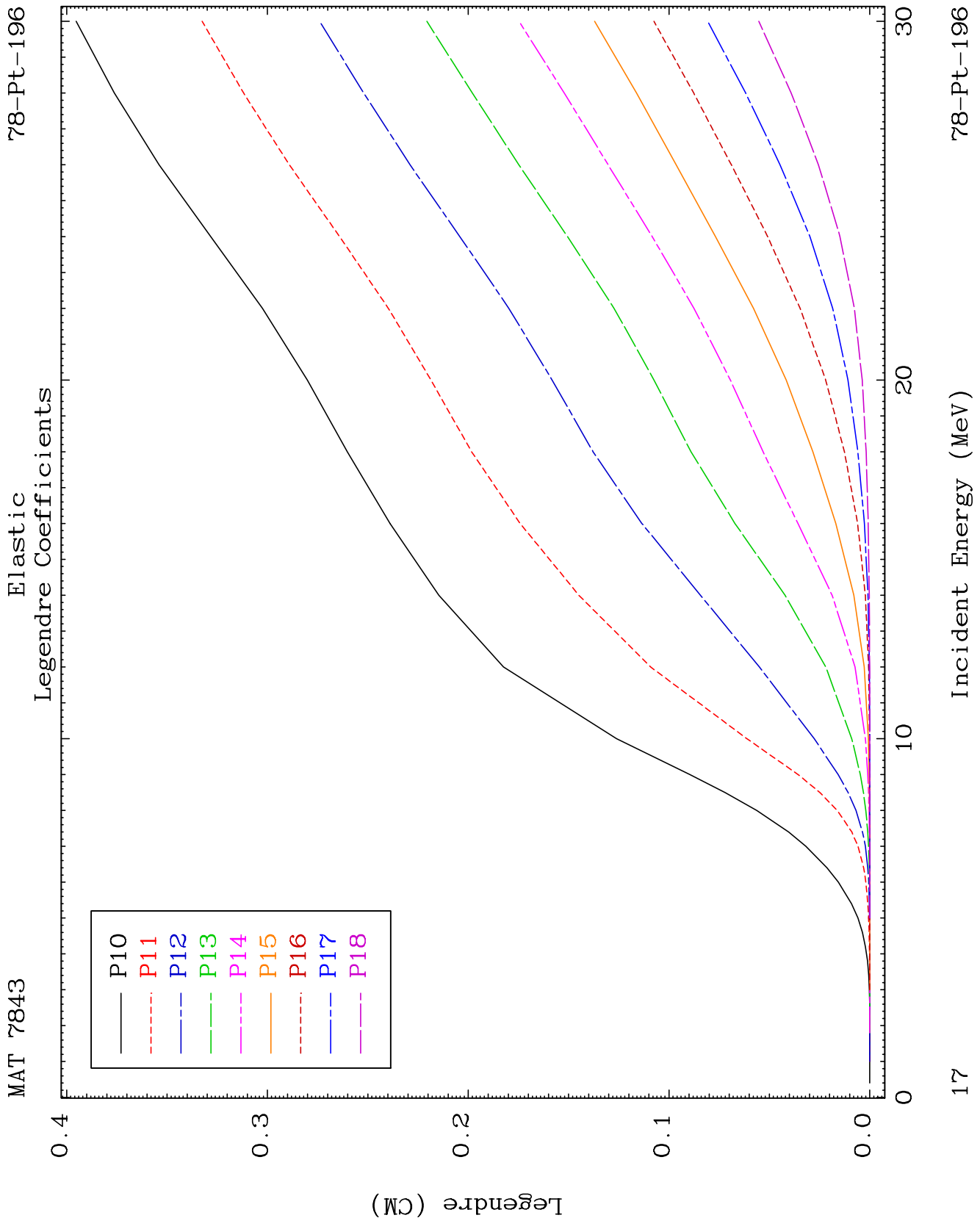
Elastic Legendre Coefficients



16

Incident Energy (MeV)

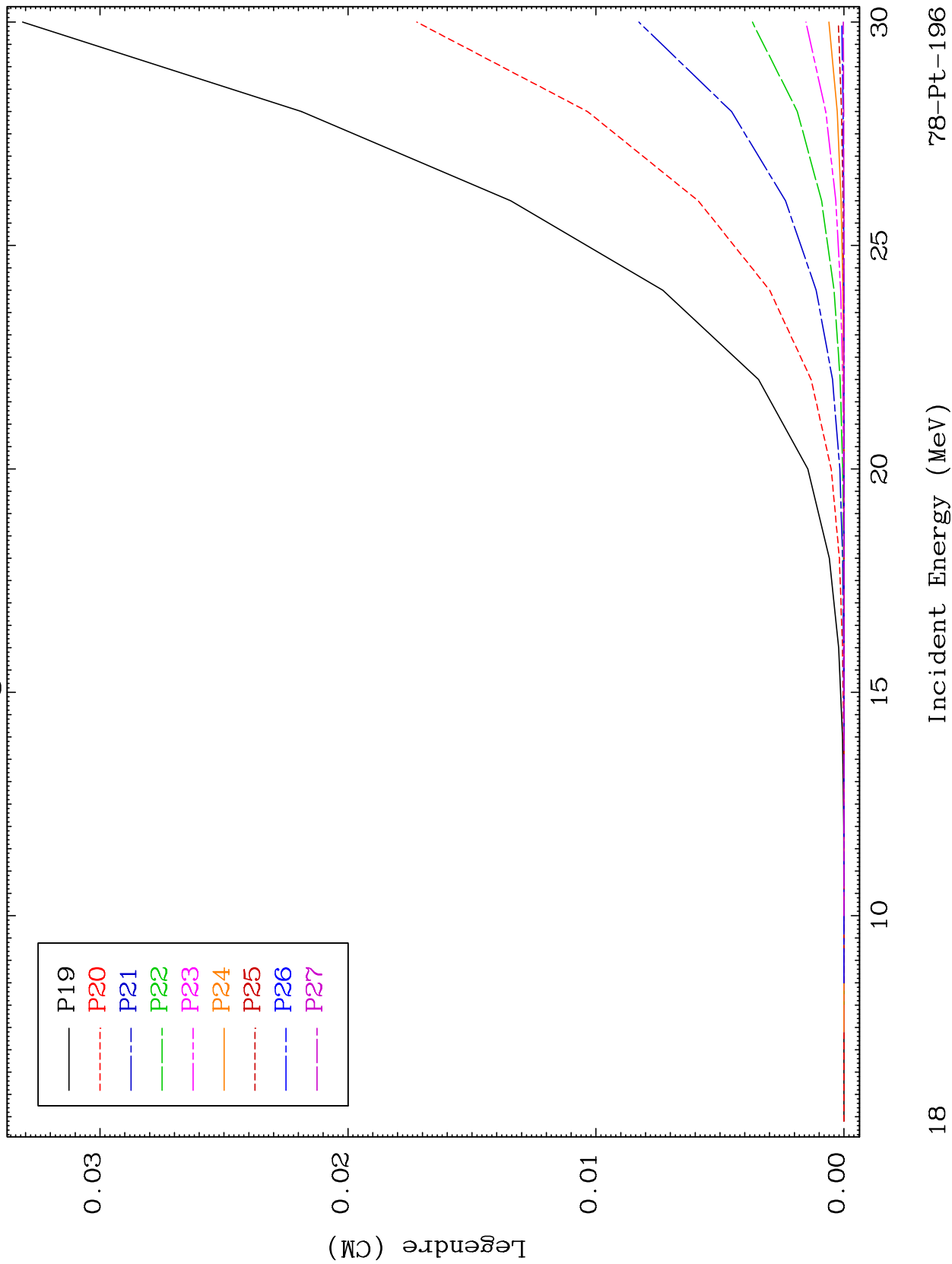
78-Pt-196



MAT 7843

Elastic Legendre Coefficients

78-Pt-196



18

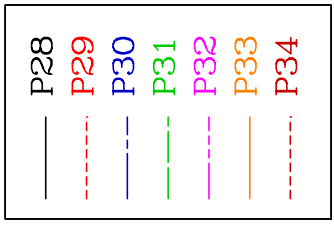
Incident Energy (MeV)

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

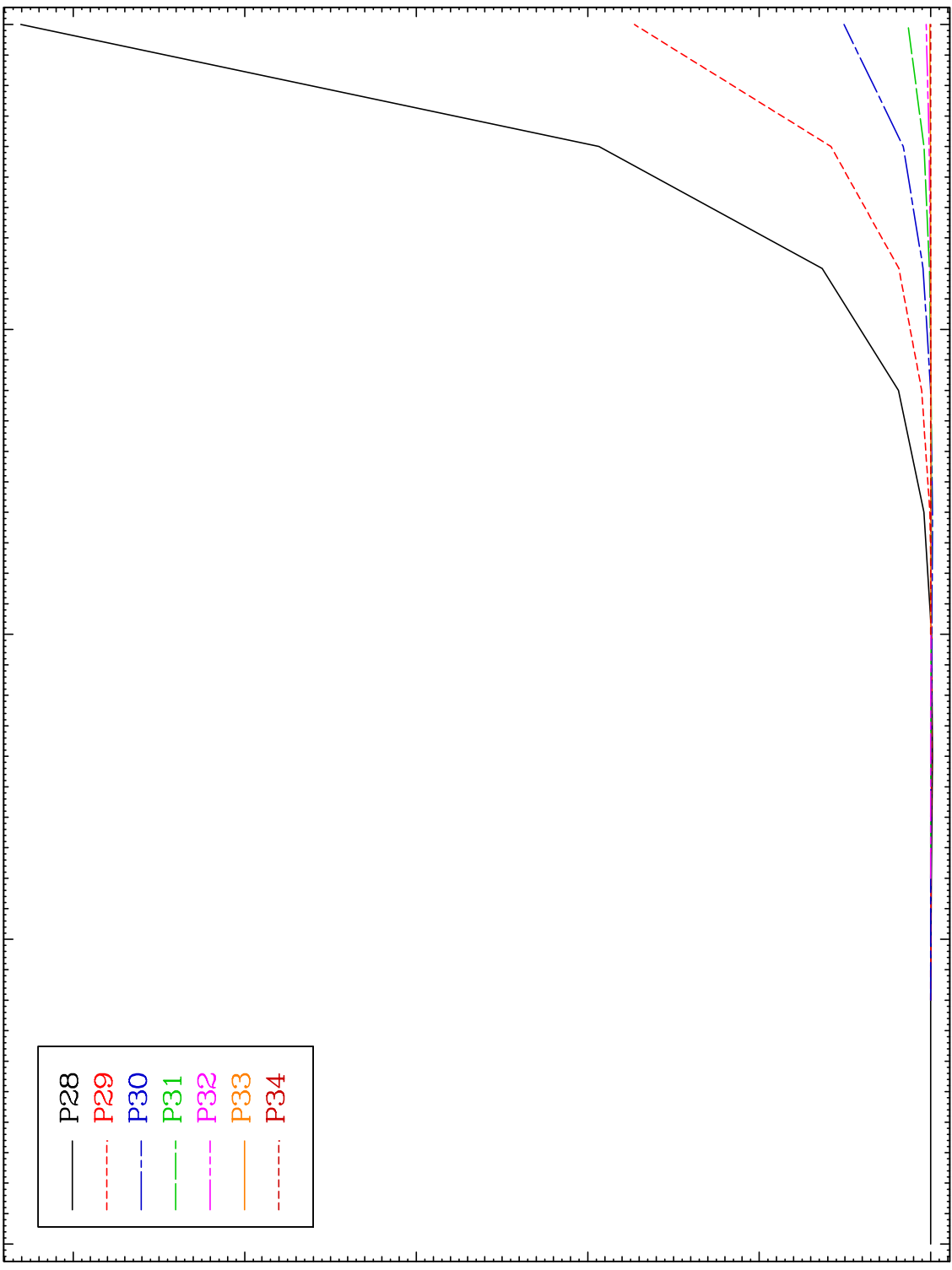
25

30

19

Incident Energy (MeV)

78-Pt-196

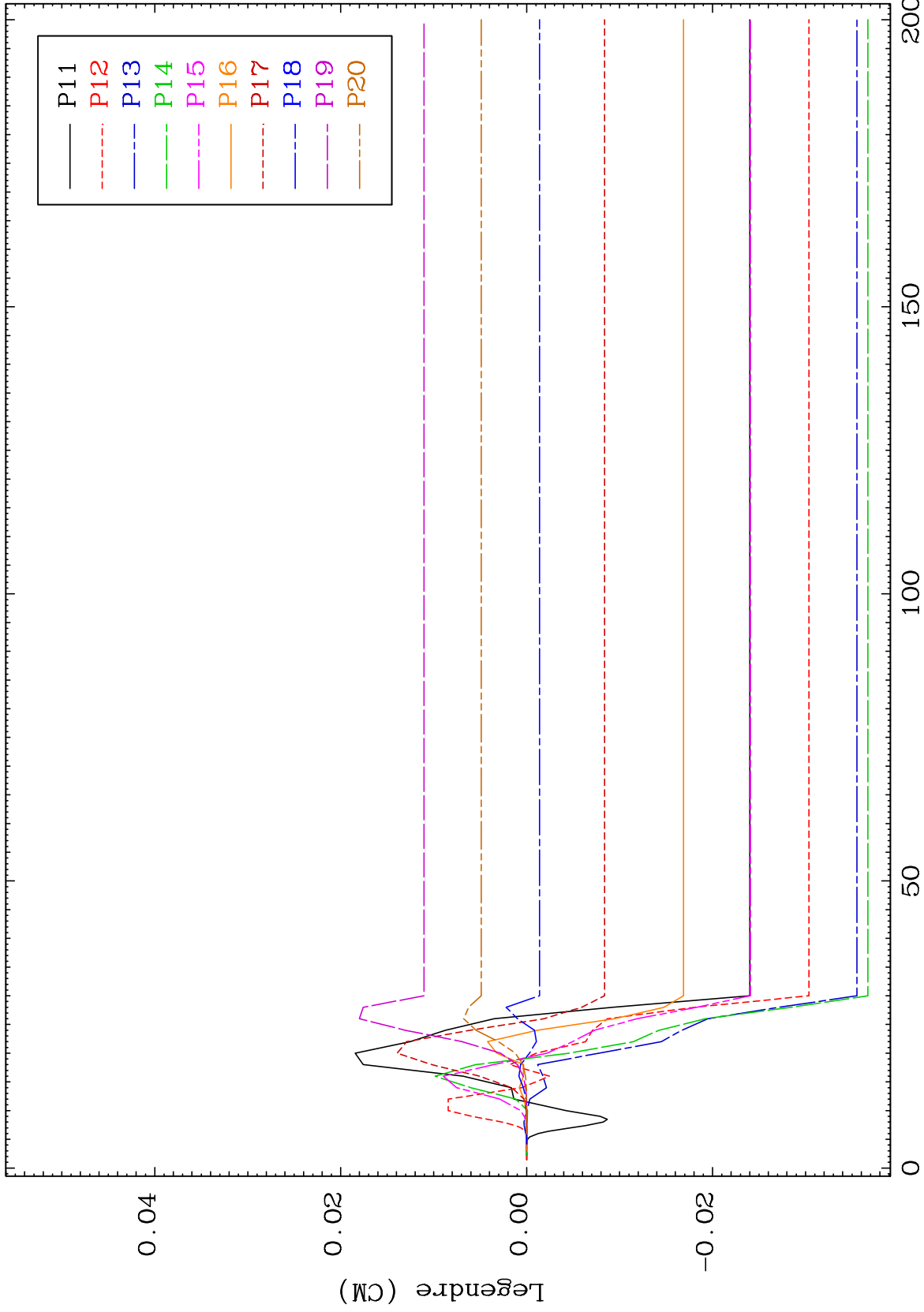




MAT 7843

355.7 keV (n,n') Level  
Legendre Coefficients

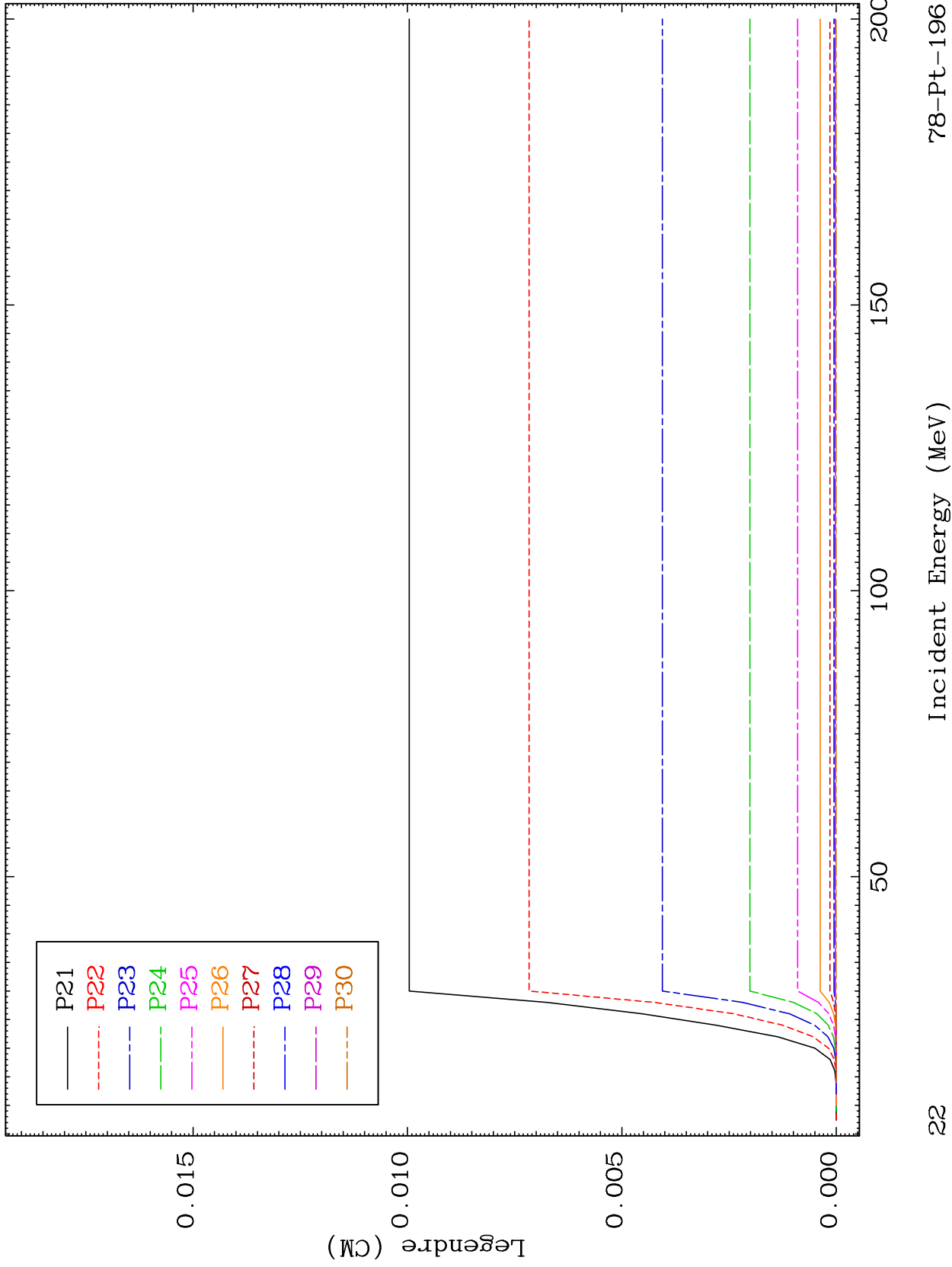
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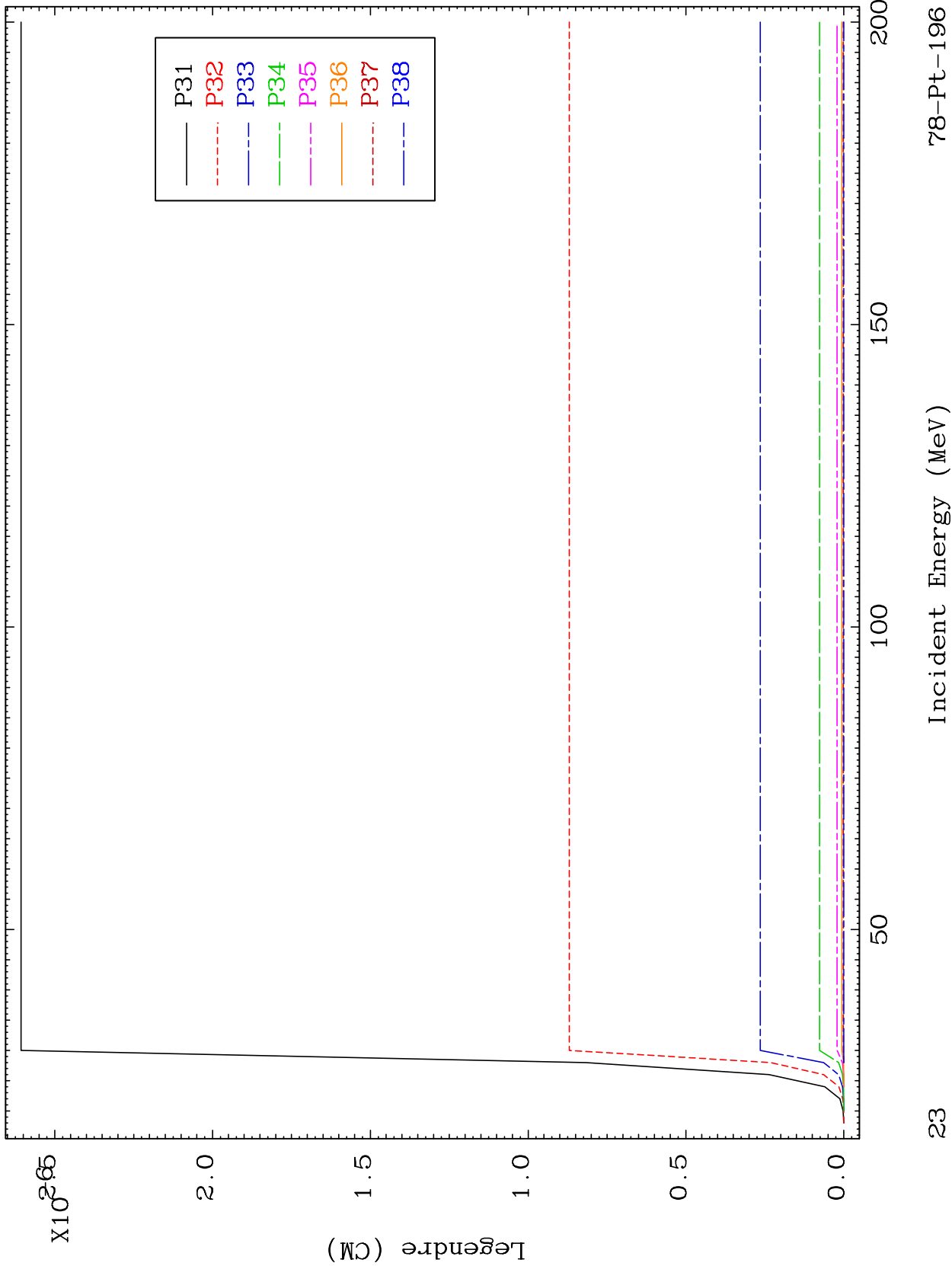


21

Incident Energy (MeV)

78-Pt-196



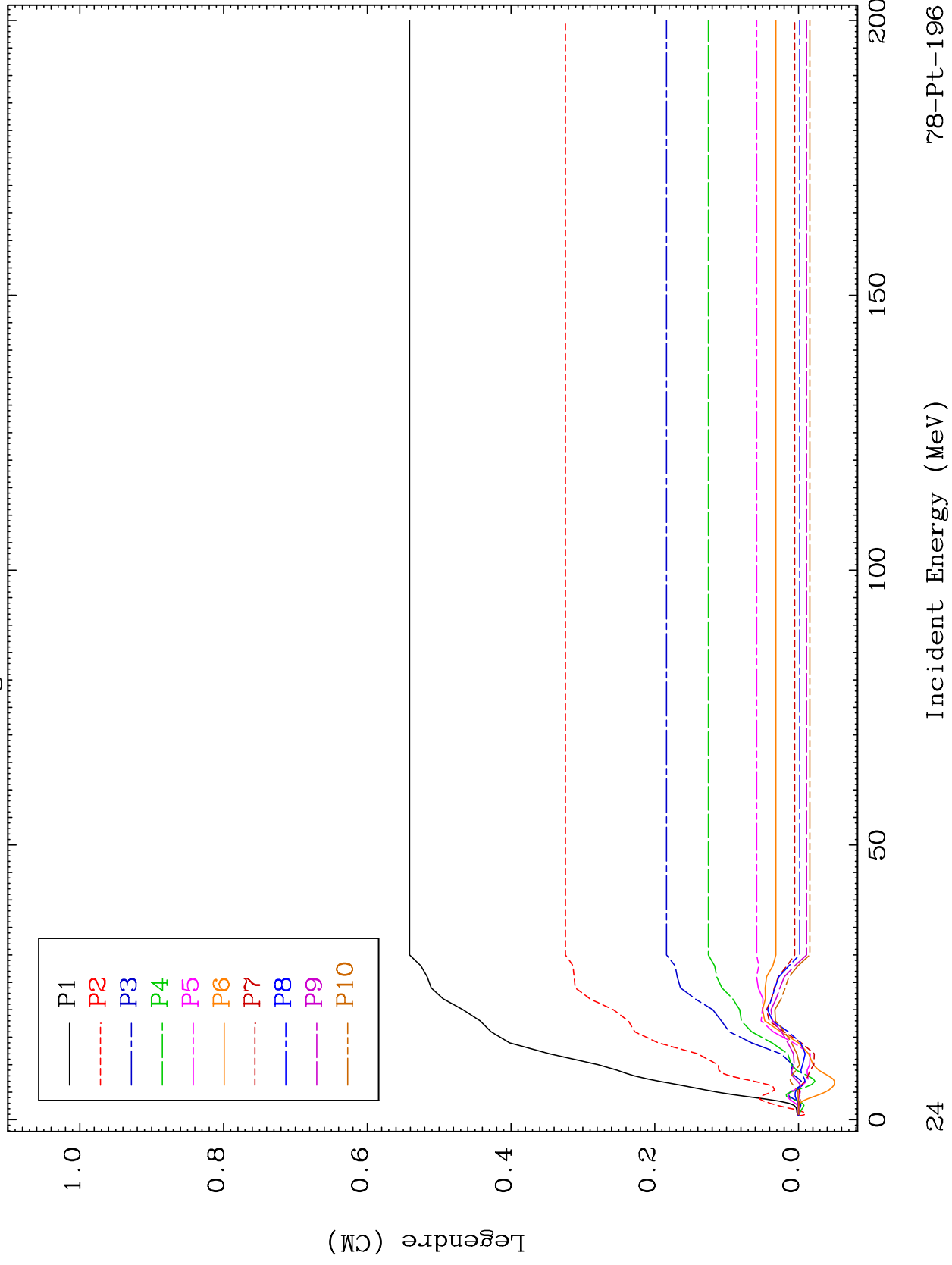




MAT 7843

688.7 keV (n,n') Level  
Legendre Coefficients

78-Pt-196



24

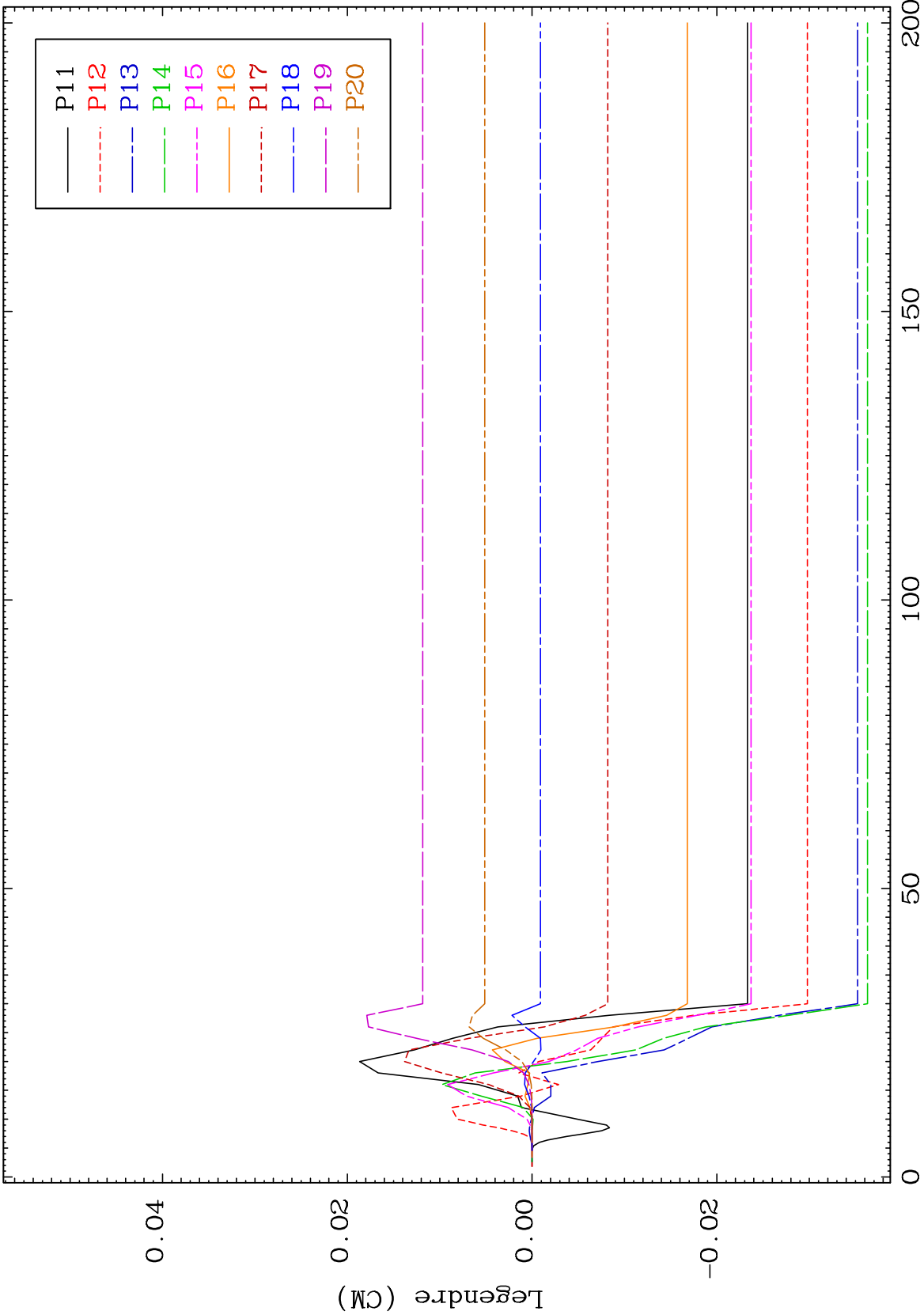
Incident Energy (MeV)

78-Pt-196

MAT 7843

688.7 keV (n,n') Level  
Legendre Coefficients

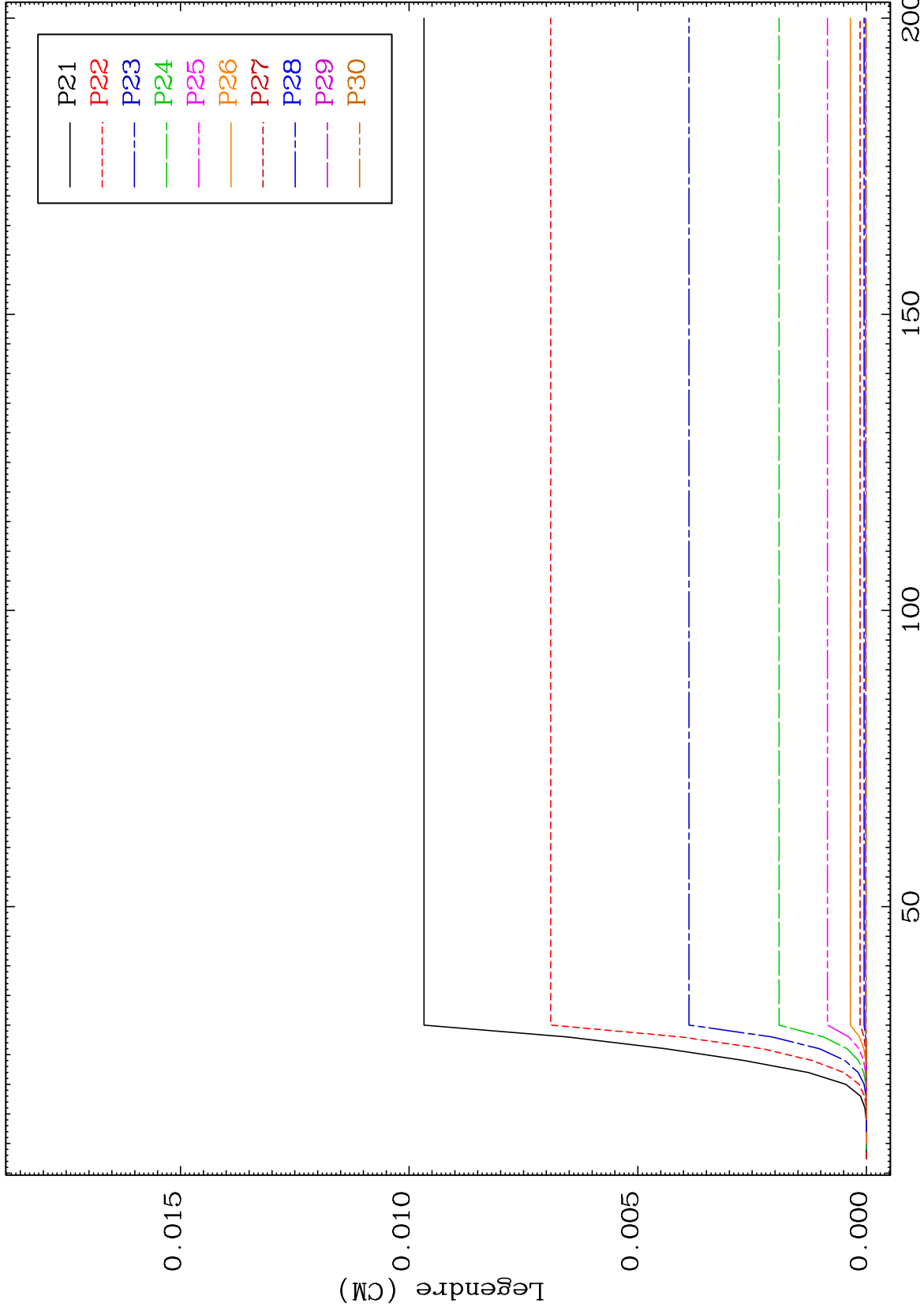
78-Pt-196

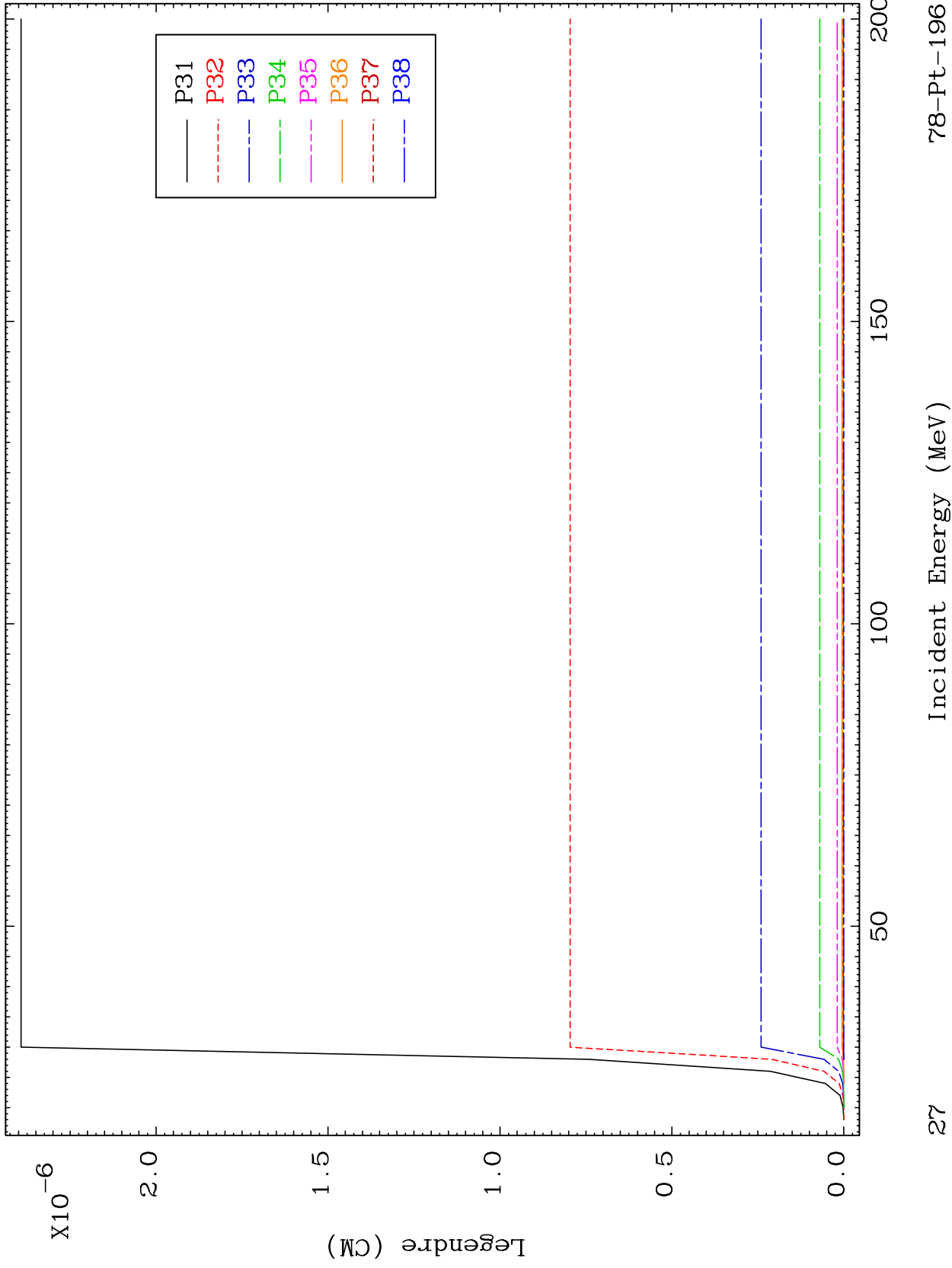


25

Incident Energy (MeV)

78-Pt-196

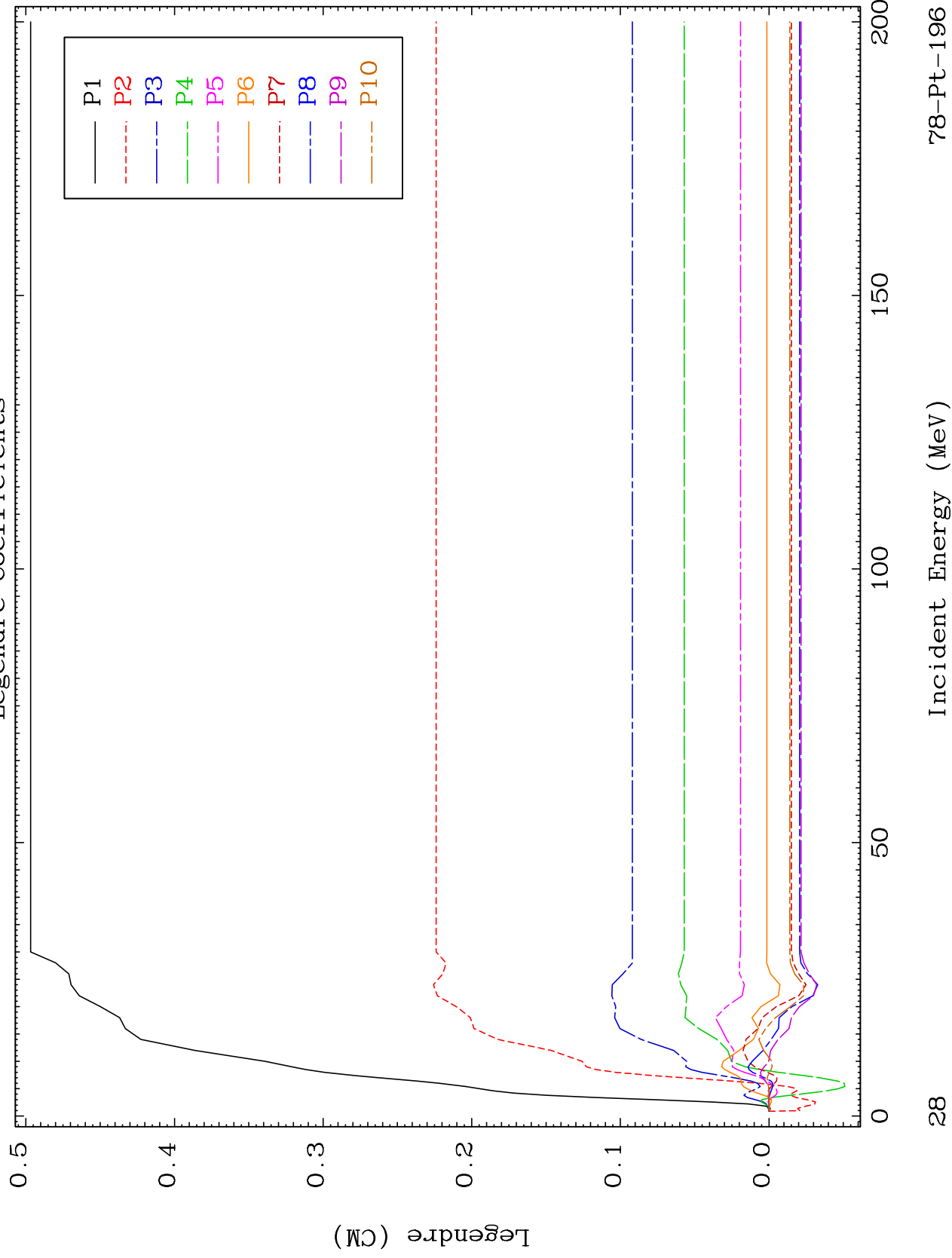




MAT 7843

876.9 keV (n,n') Level  
Legendre Coefficients

78-Pt-196



78-Pt-196

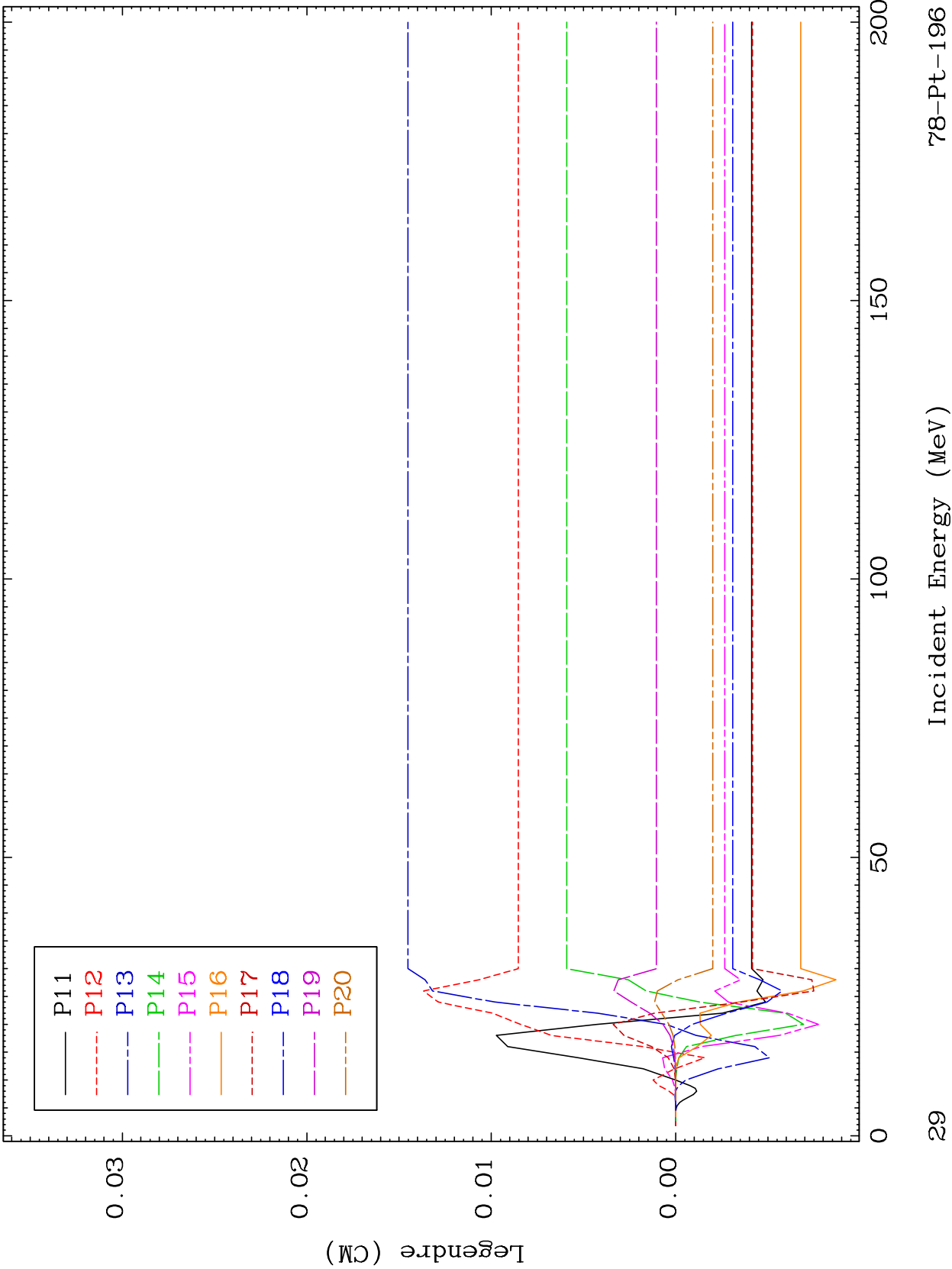
Incident Energy (MeV)

28

MAT 7843

876.9 keV (n,n') Level  
Legendre Coefficients

78-Pt-196



29

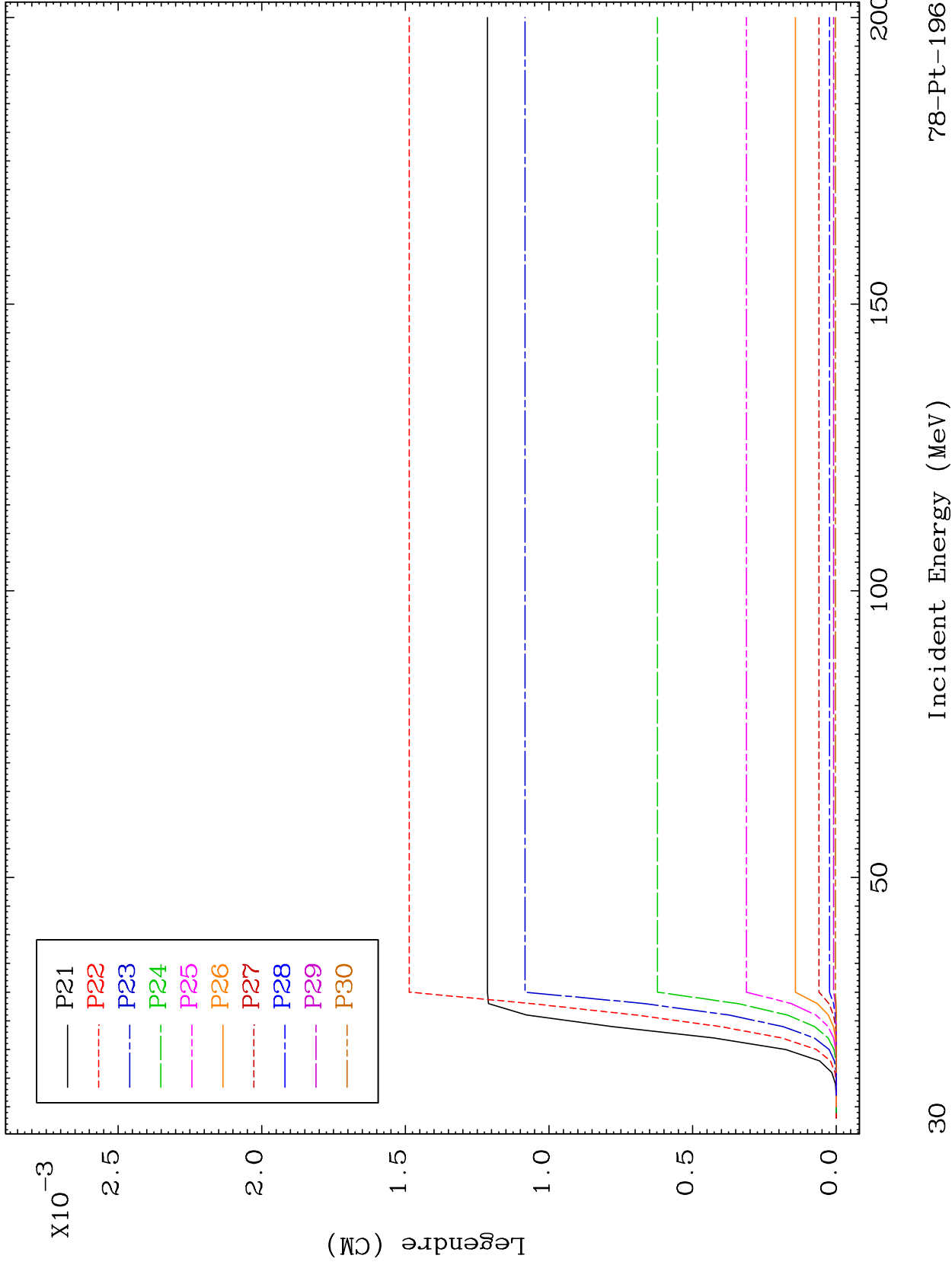
Incident Energy (MeV)

78-Pt-196

MAT 7843

876.9 keV (n,n') Level  
Legendre Coefficients

78-Pt-196



30

50

100

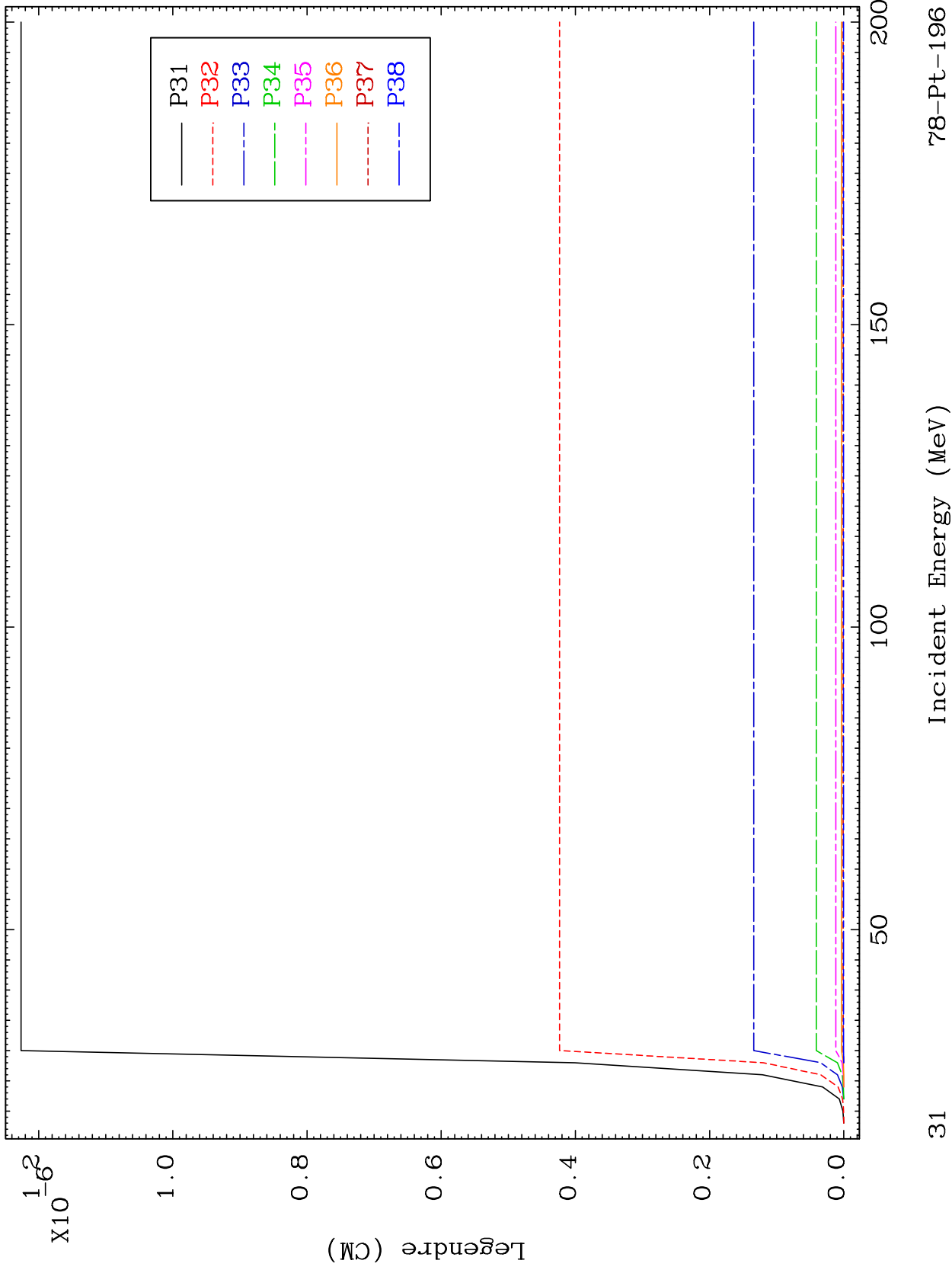
150

200

MAT 7843

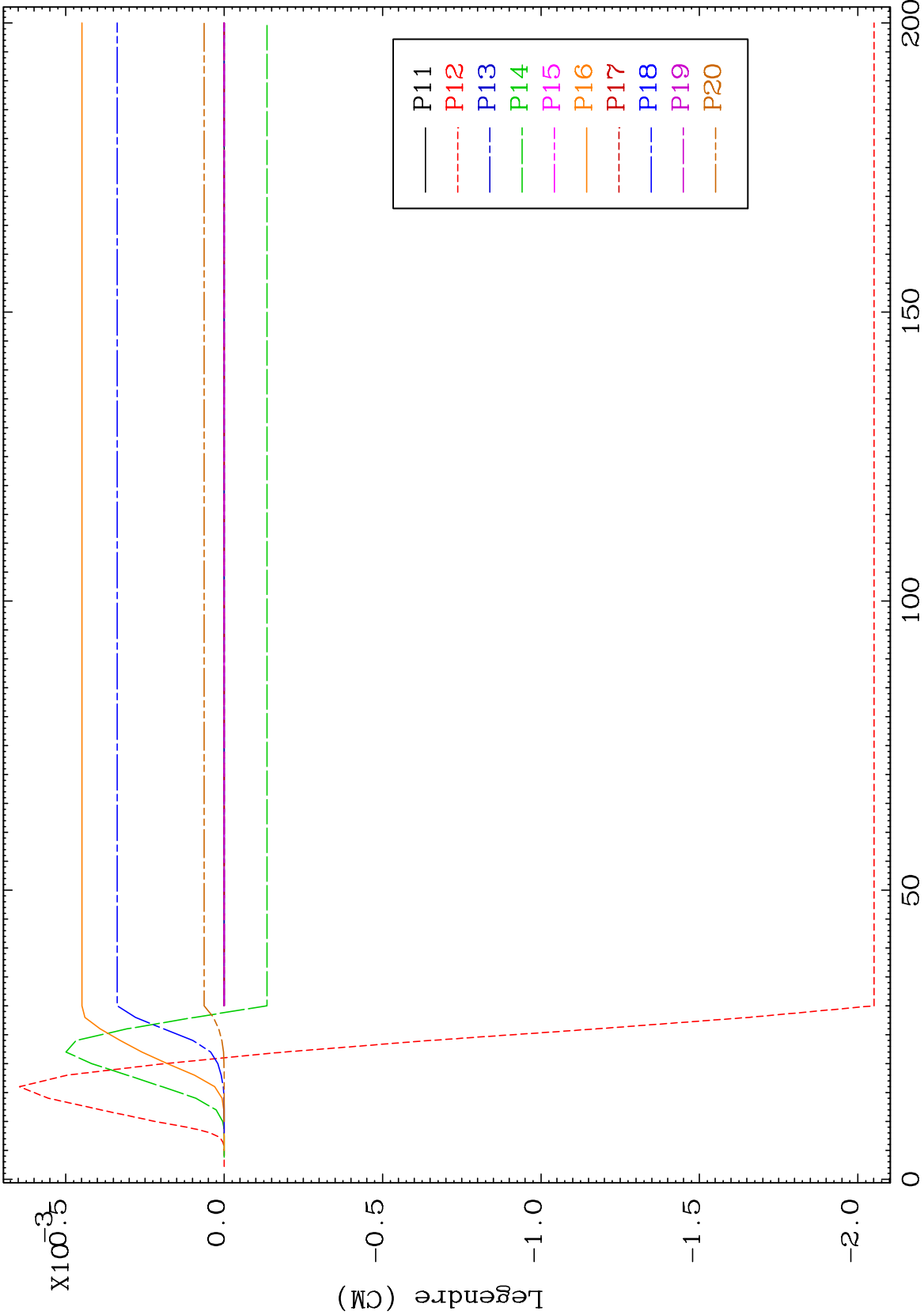
876.9 keV (n,n') Level  
Legendre Coefficients

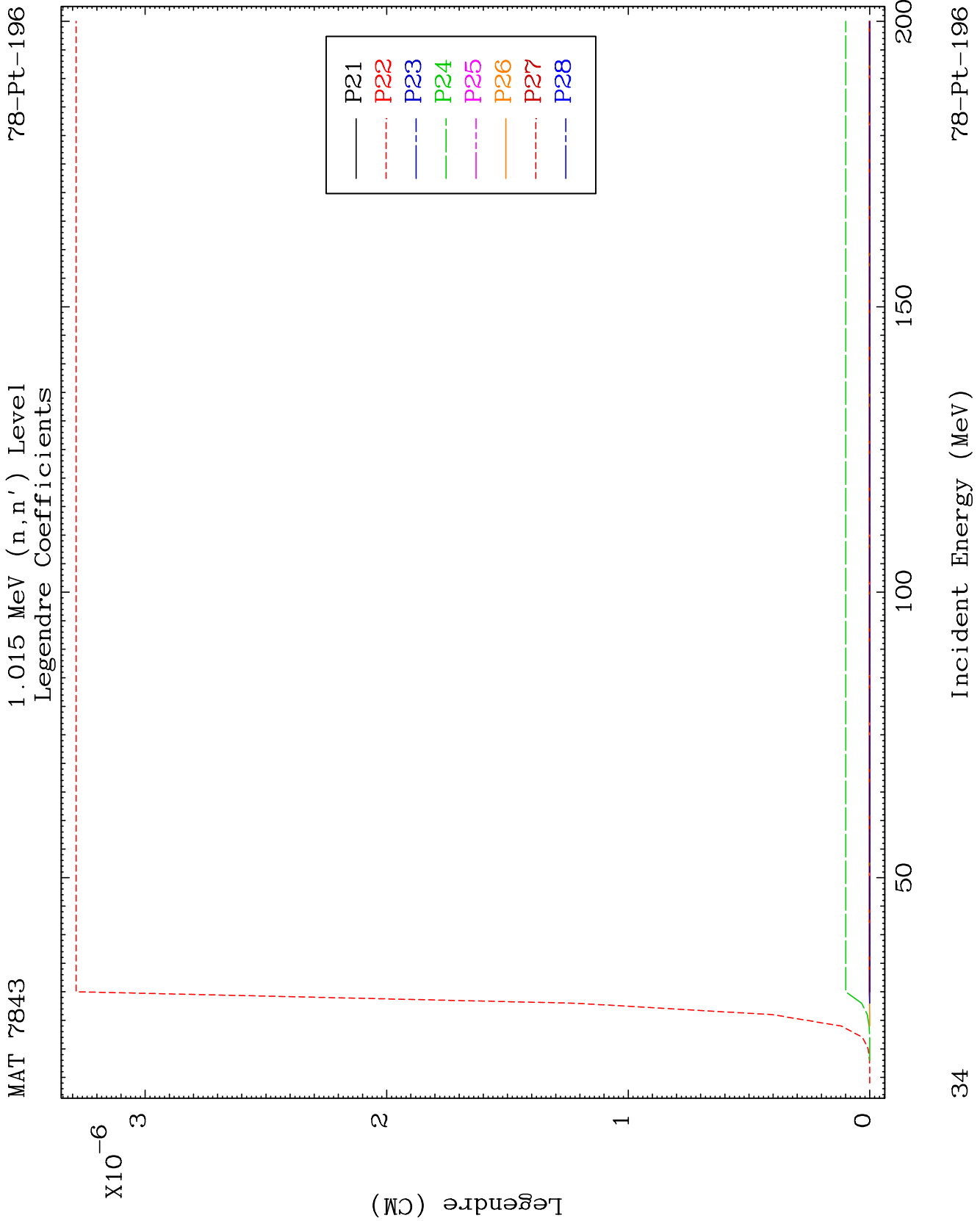
78-Pt-196

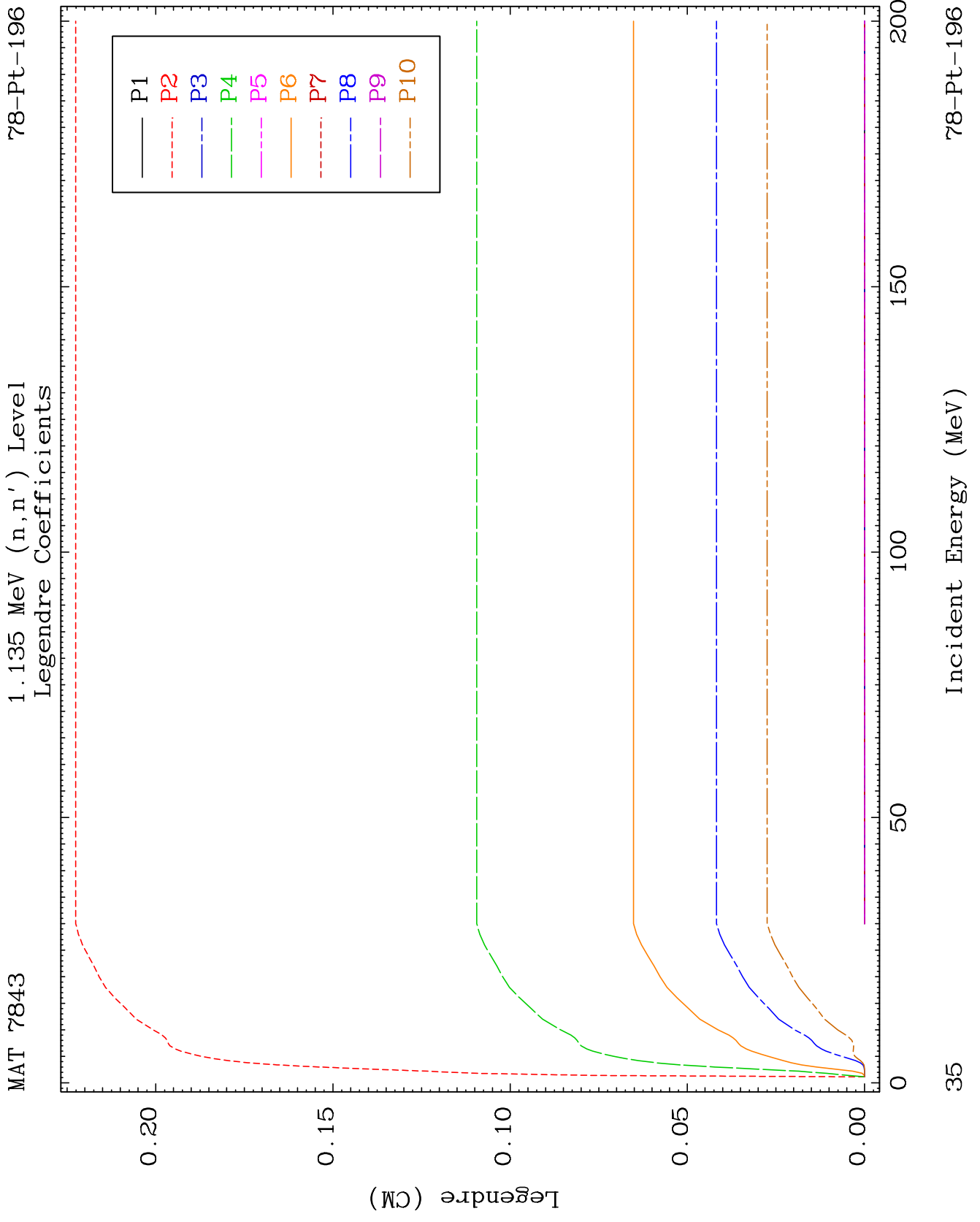


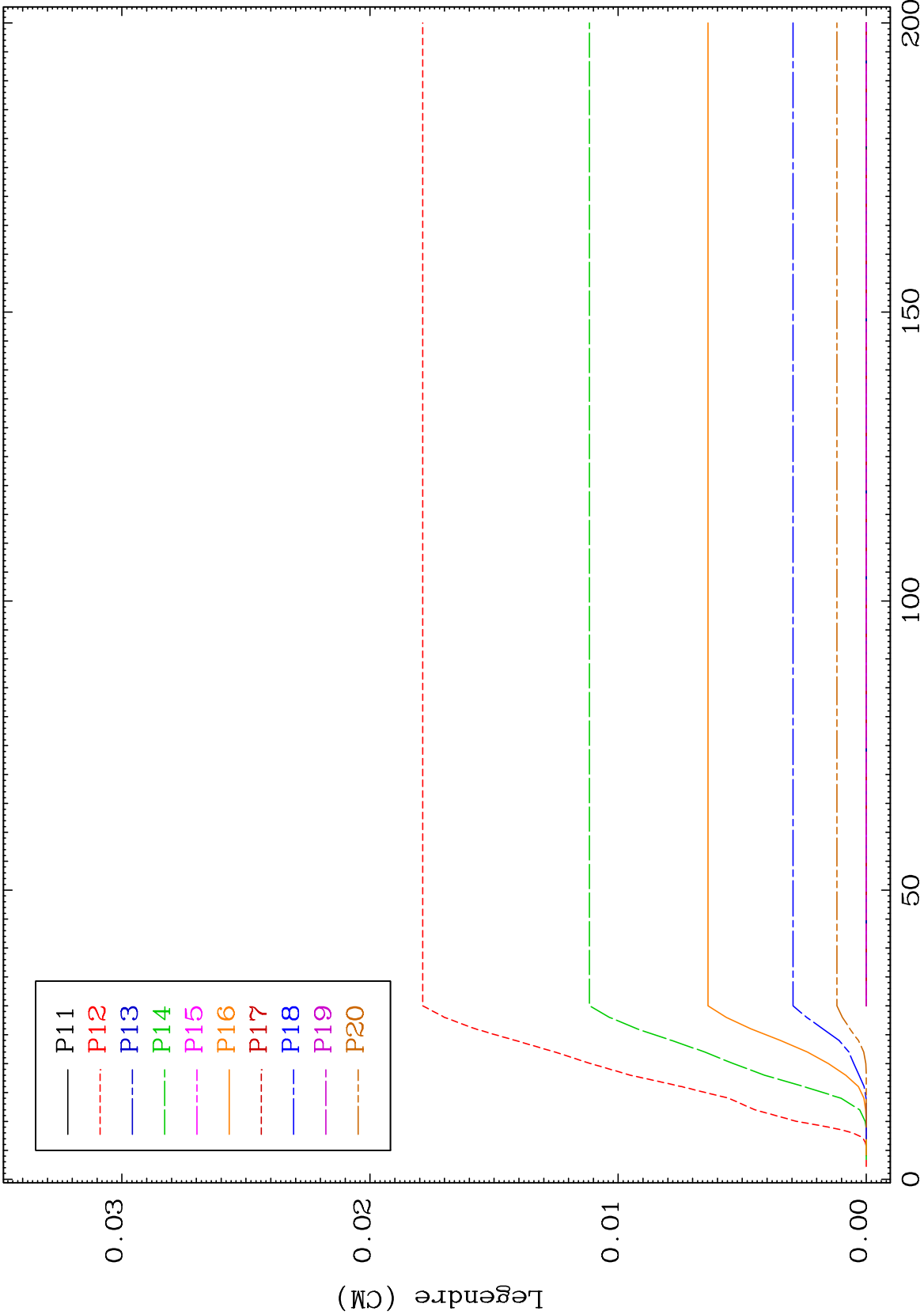




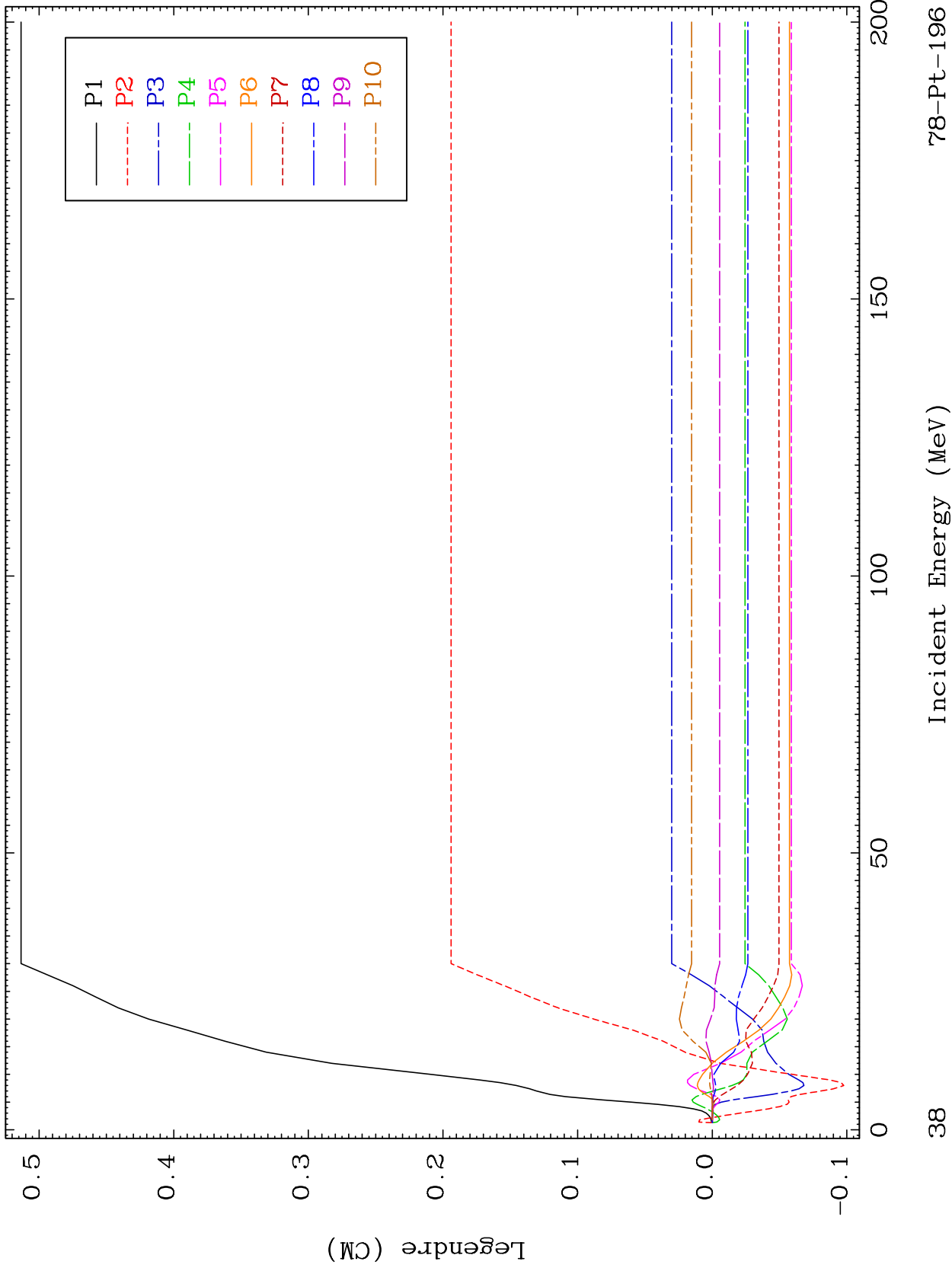


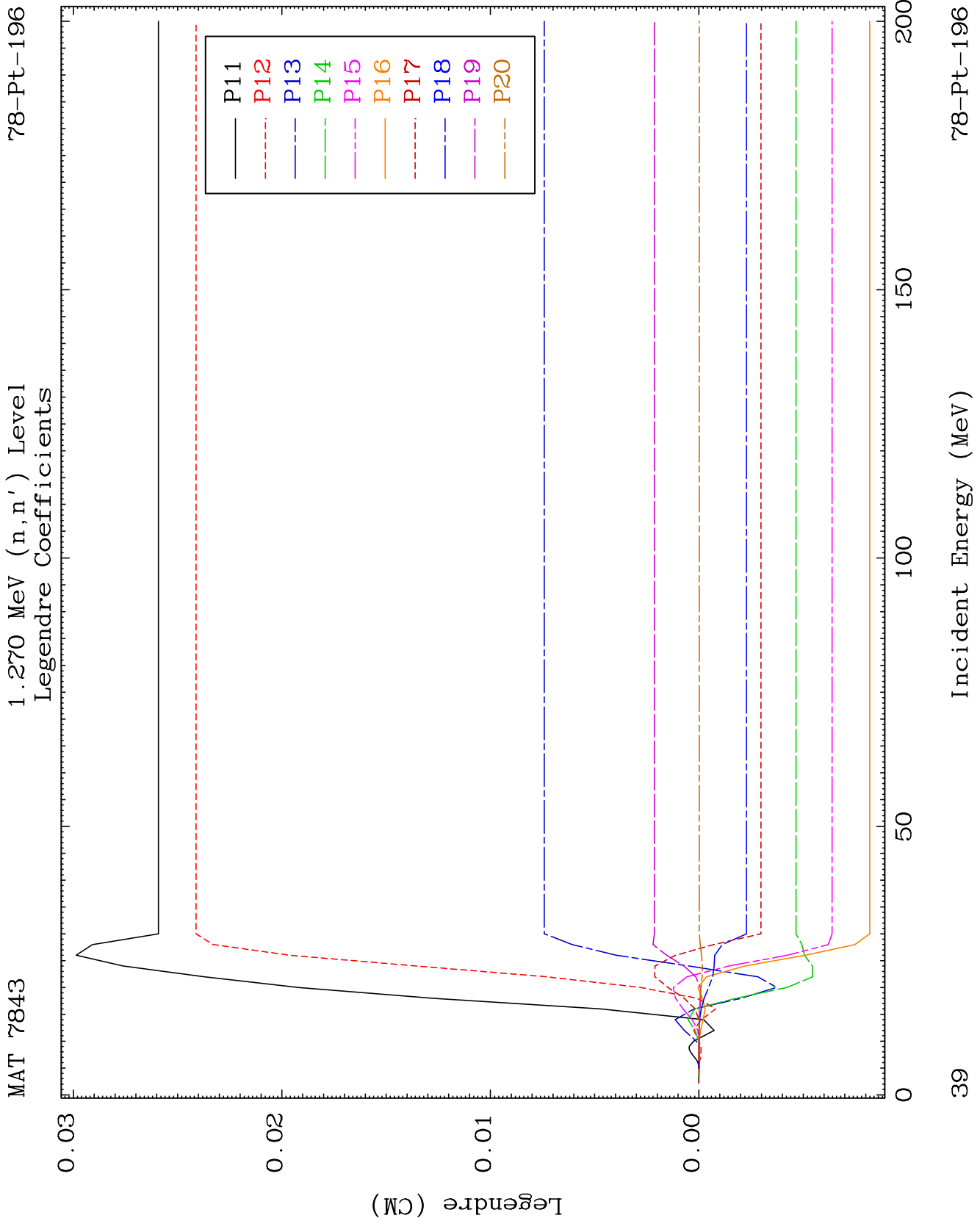












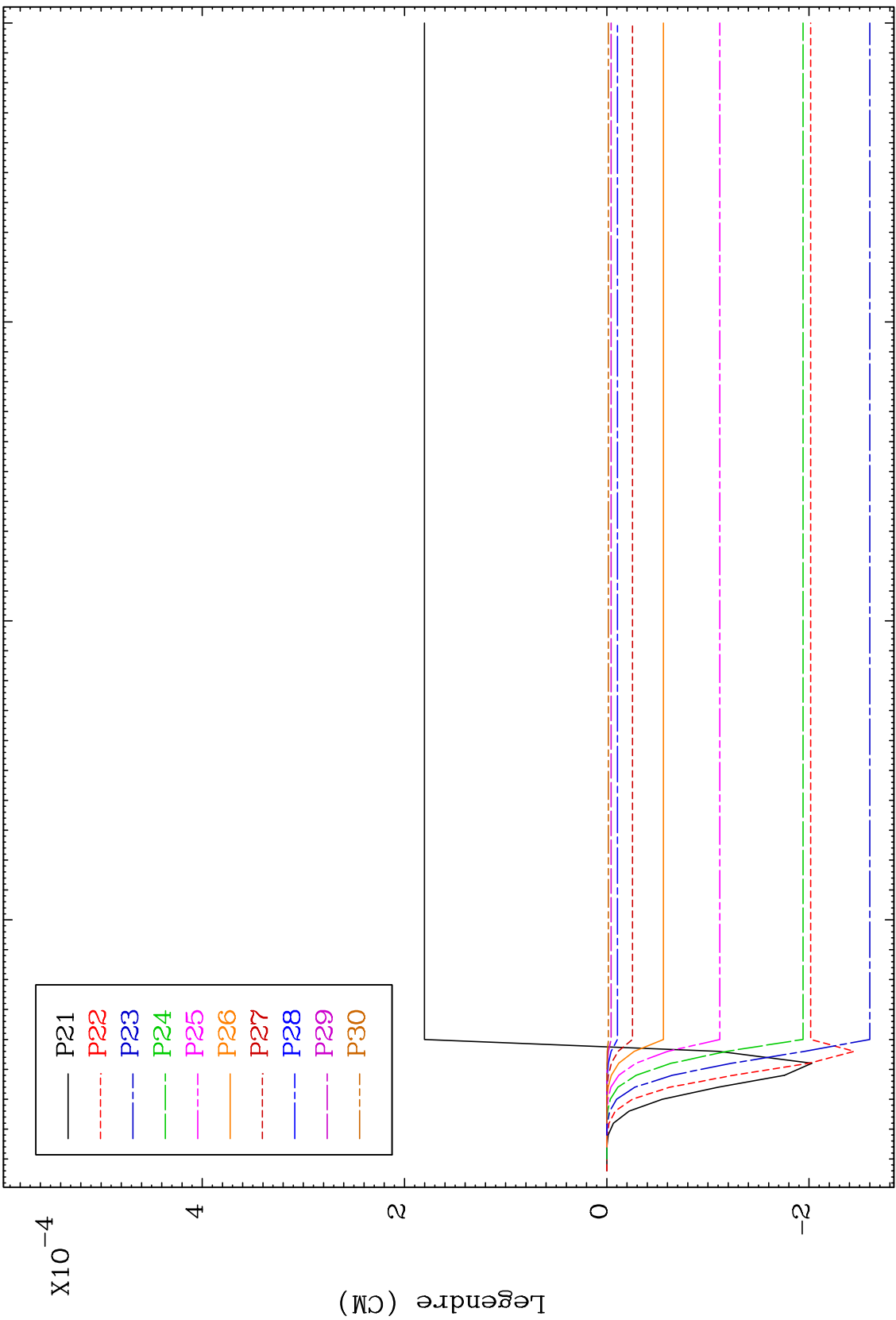


MAT 7843

1.270 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196

- P21
- P22
- P23
- P24
- P25
- P26
- P27
- P28
- P29
- P30



40

50

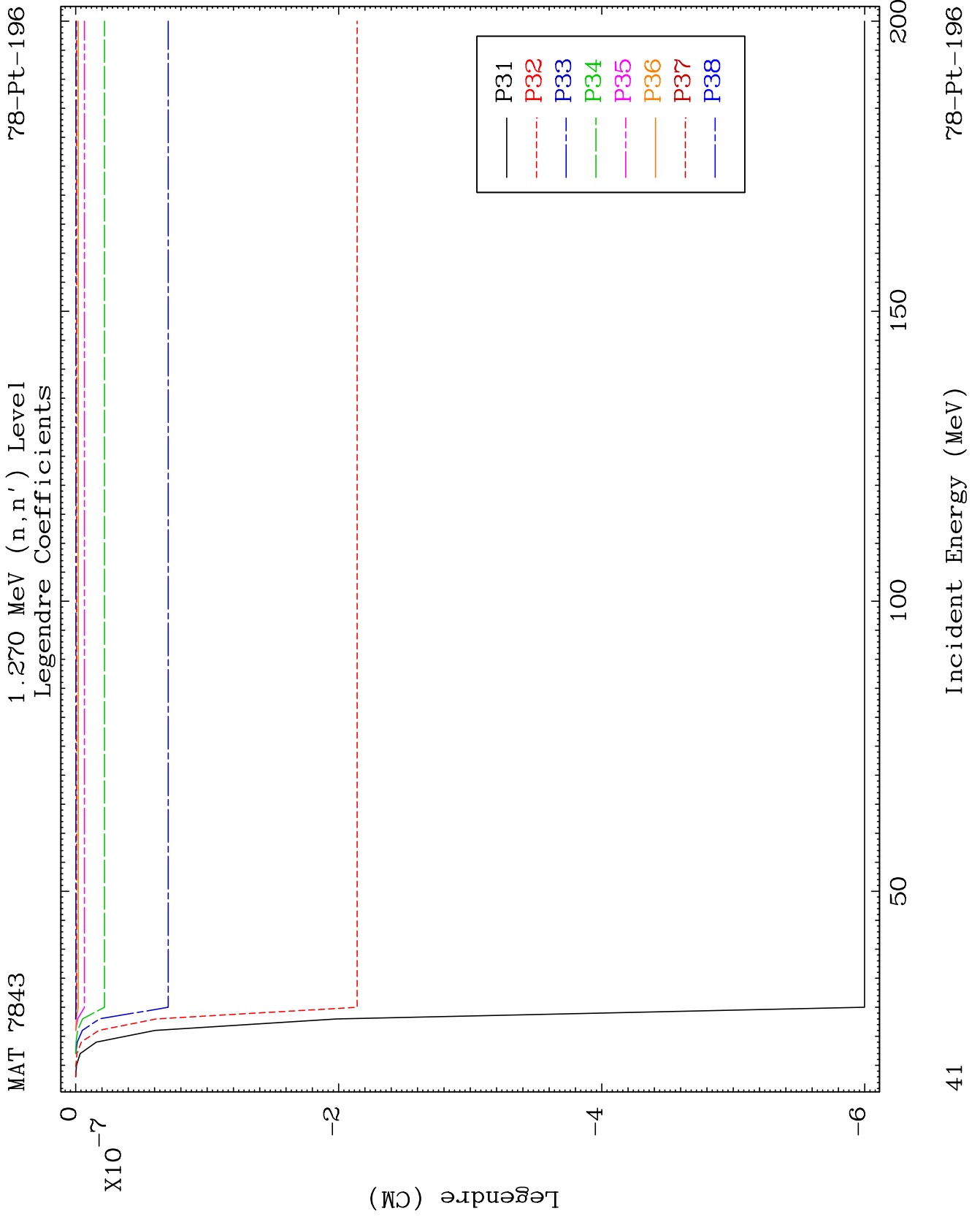
100

150

200

Incident Energy (MeV)

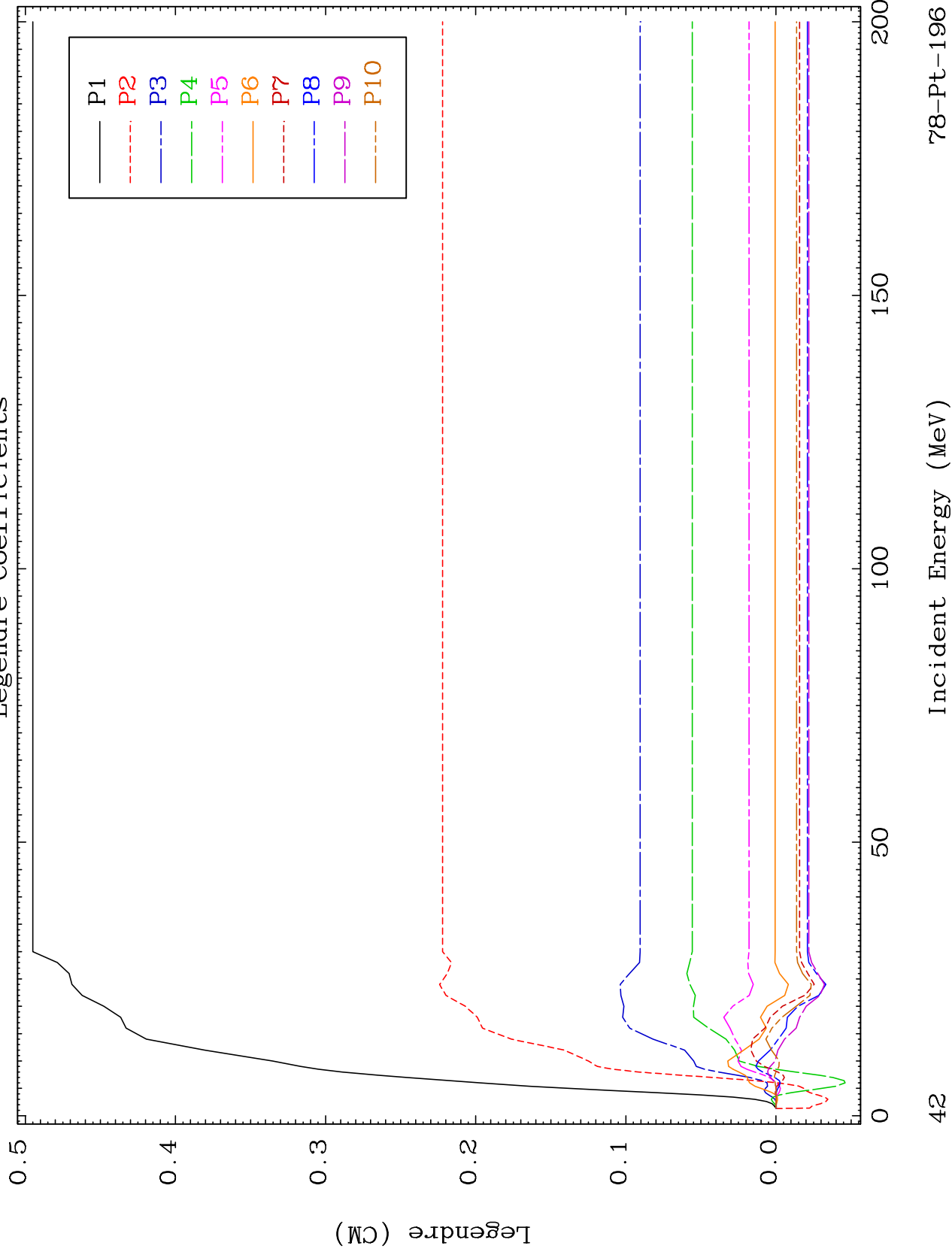
78-Pt-196



MAT 7843

1.293 MeV (n,n') Level  
Legendre Coefficients

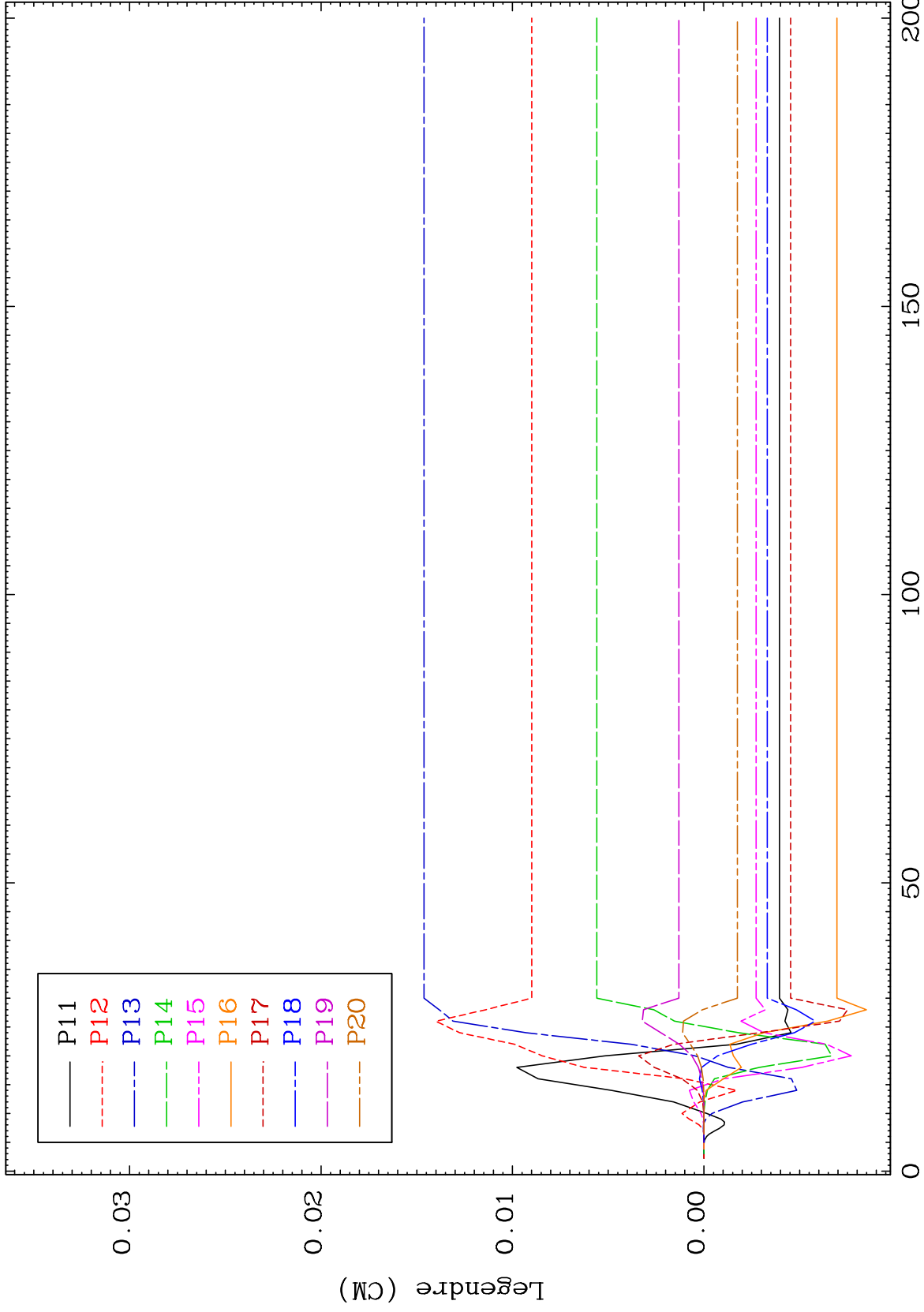
78-Pt-196

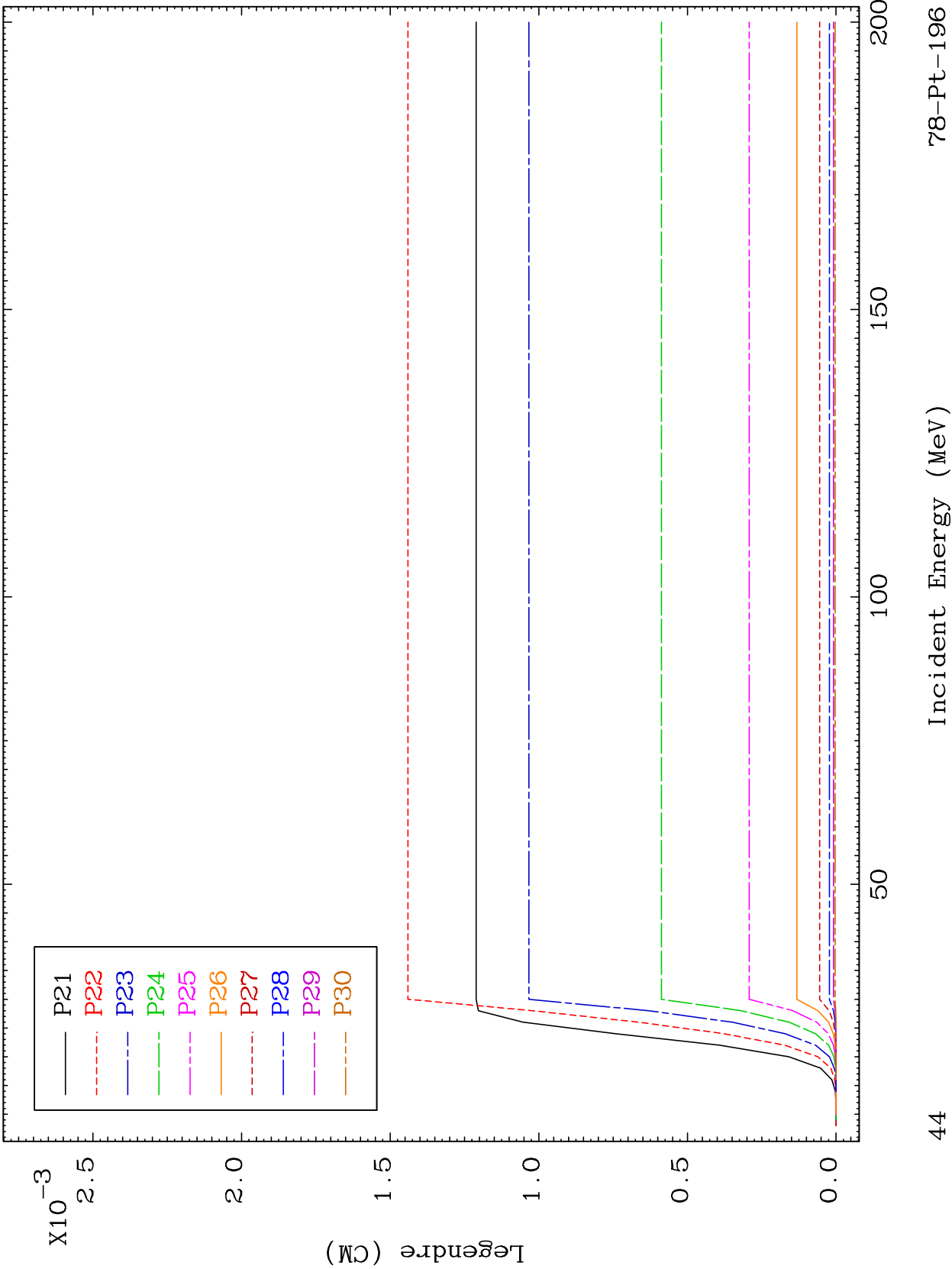


78-Pt-196

Incident Energy (MeV)

42

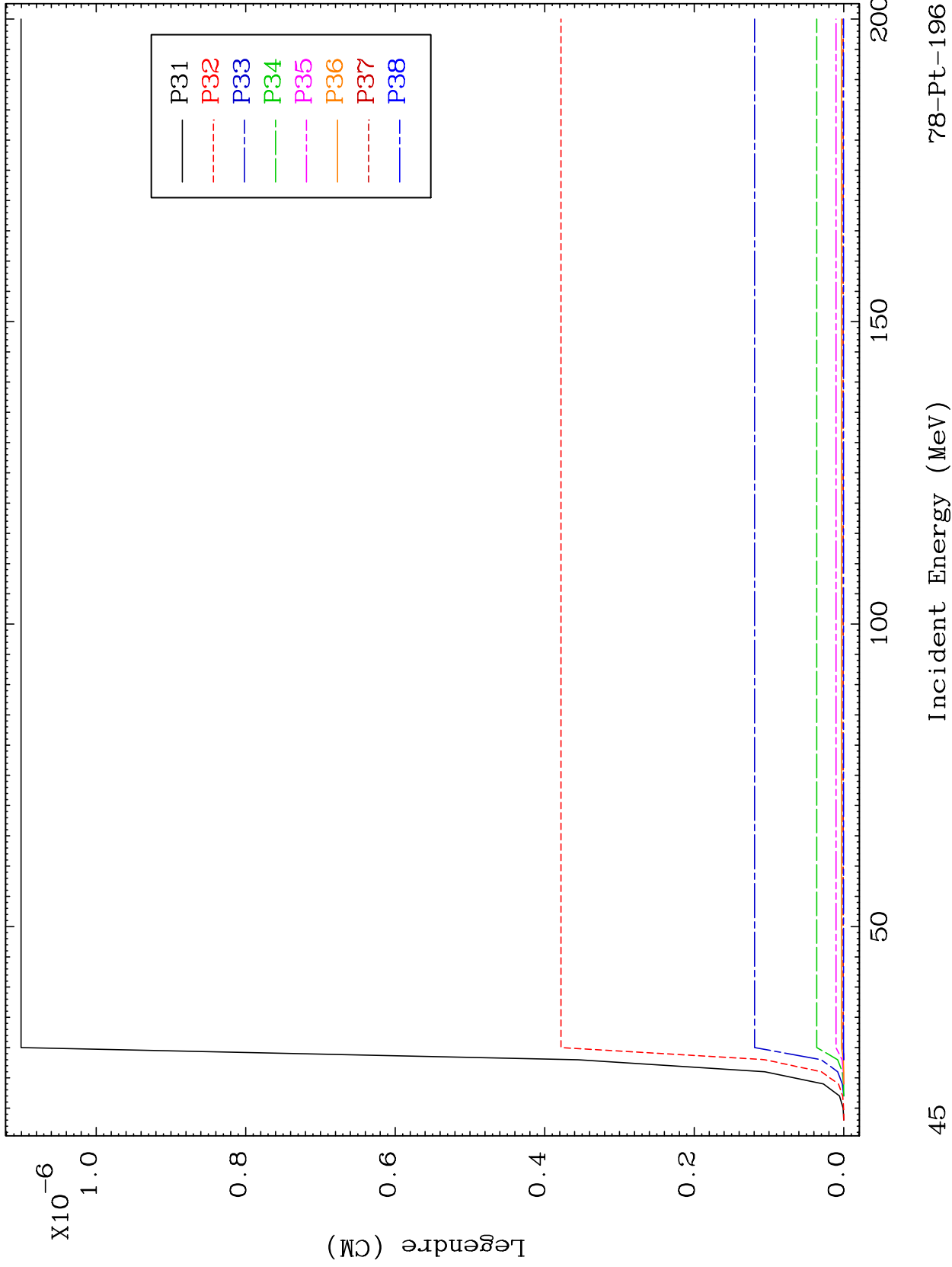




MAT 7843

1.293 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



78-Pt-196

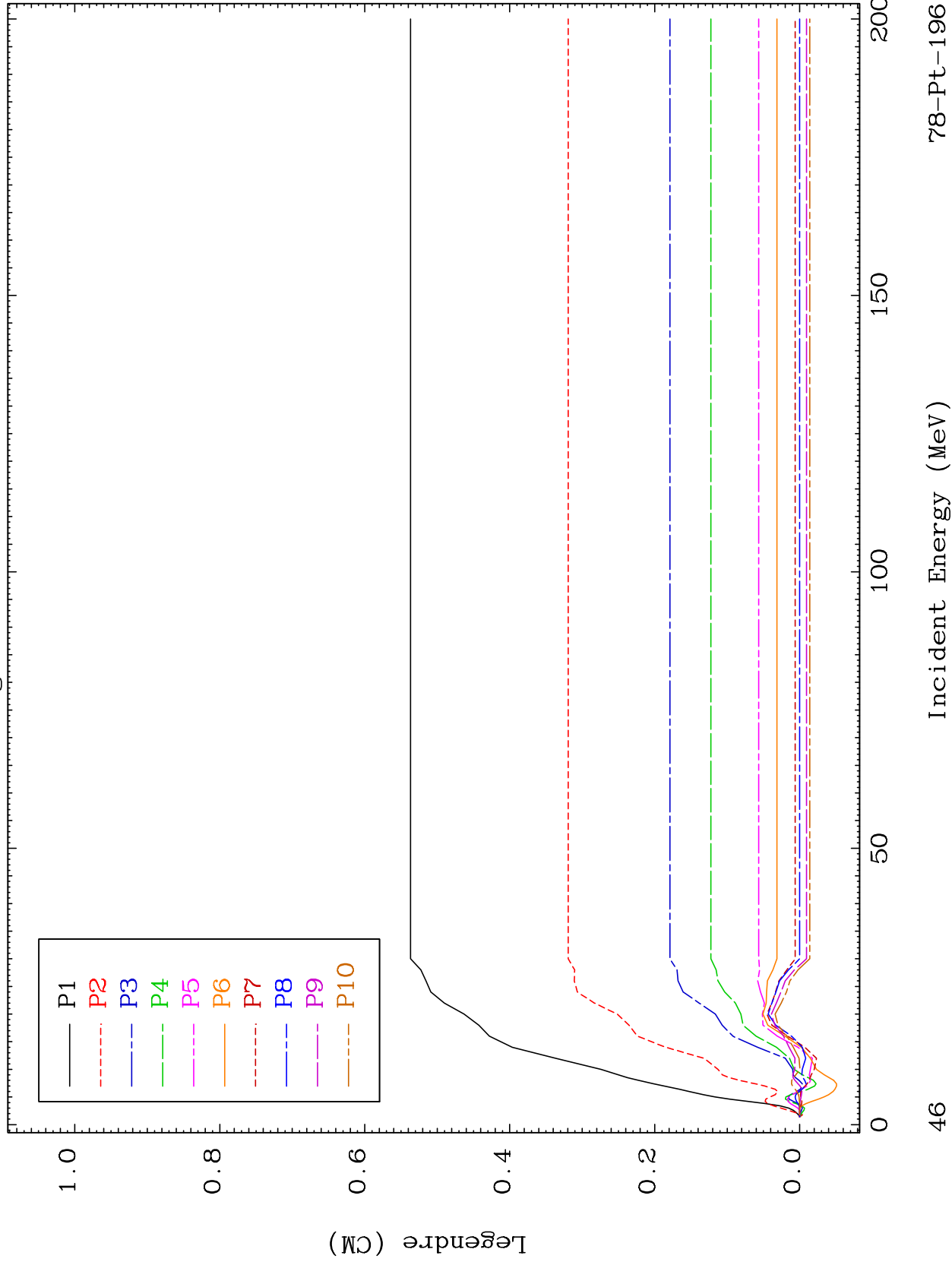
Incident Energy (MeV)

45

MAT 7843

1.362 MeV (n,n') Level  
Legendre Coefficients

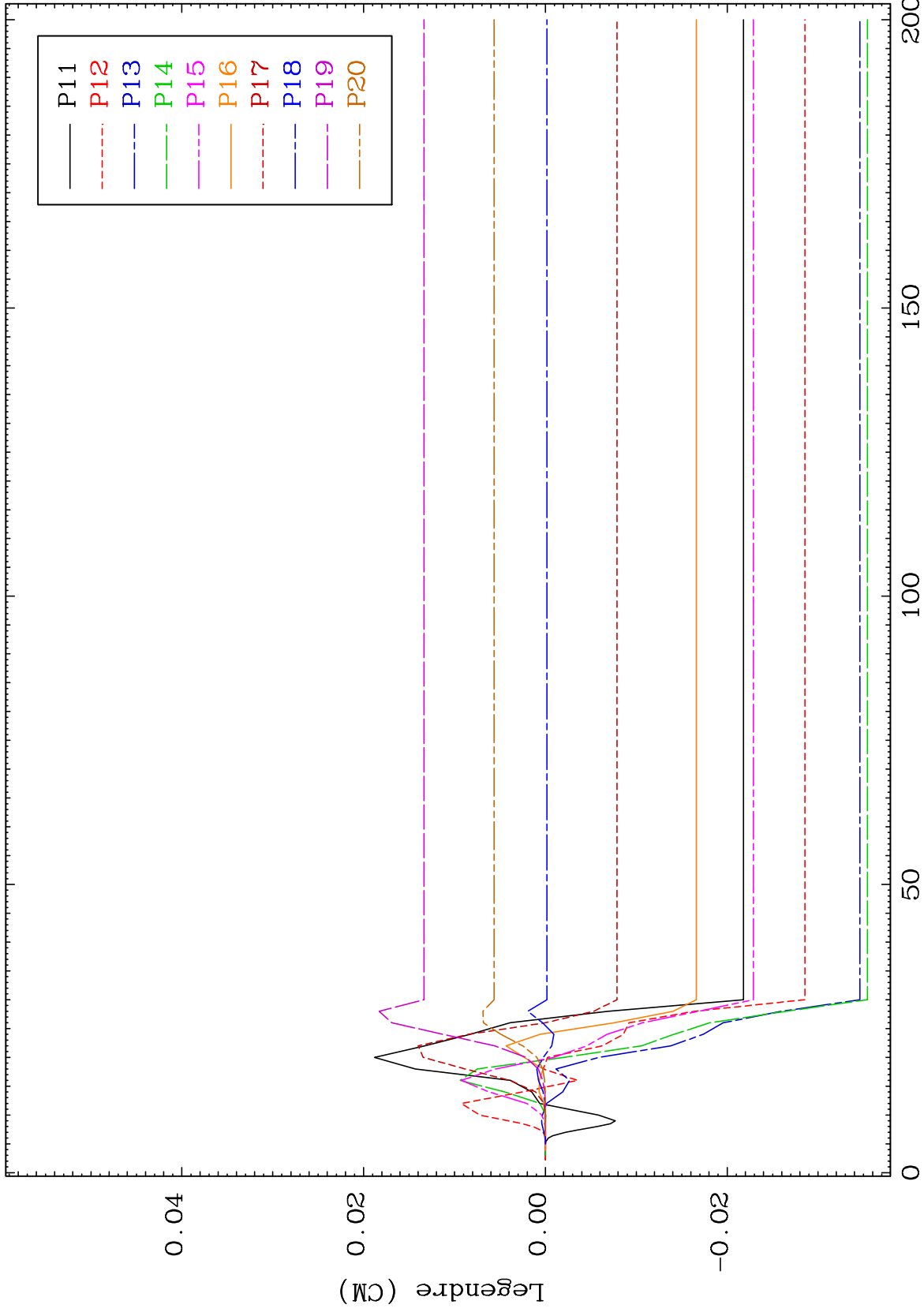
78-Pt-196



78-Pt-196

Incident Energy (MeV)

46

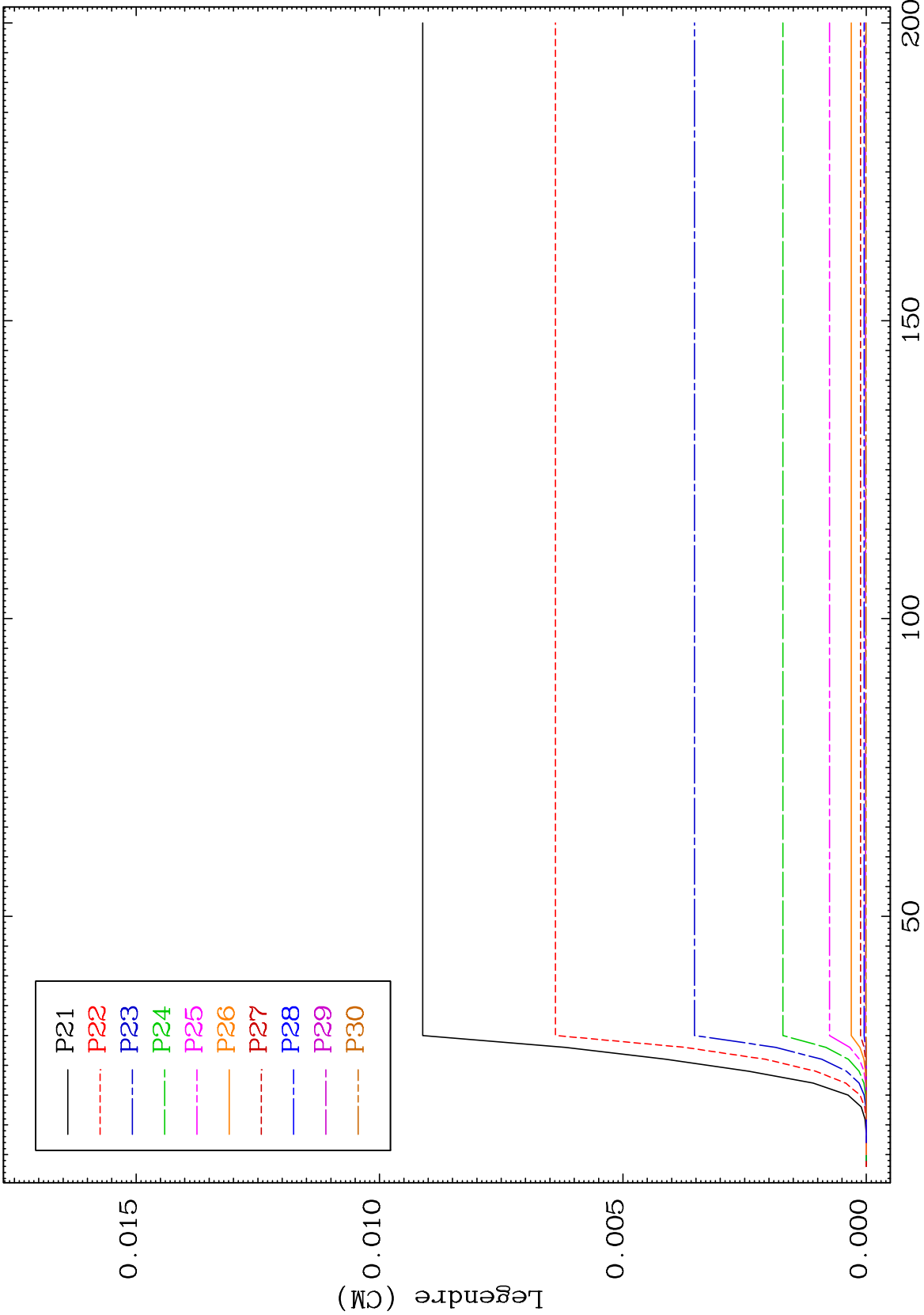




MAT 7843

1.362 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



48

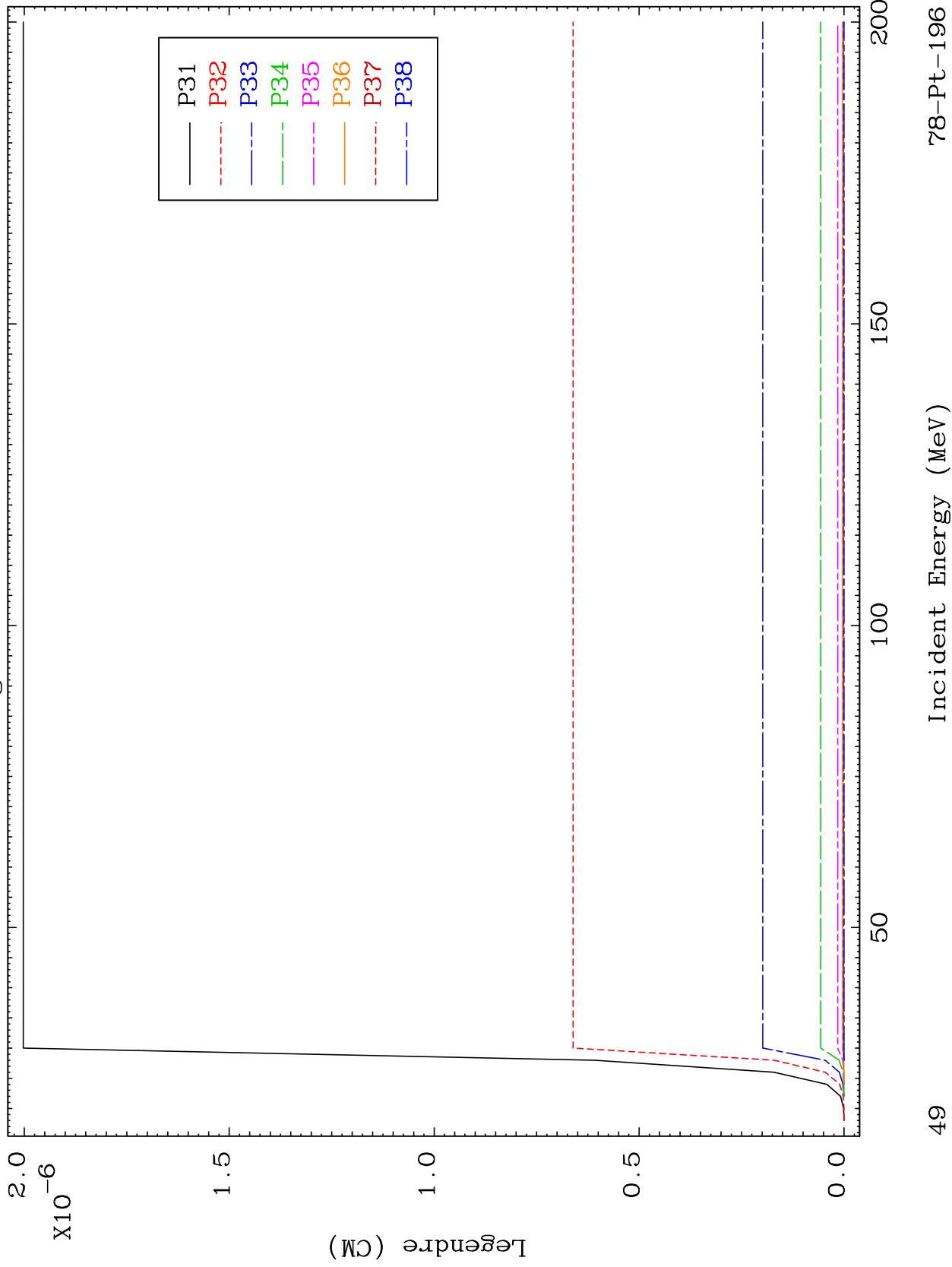
Incident Energy (MeV)

78-Pt-196

MAT 7843

1.362 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



49

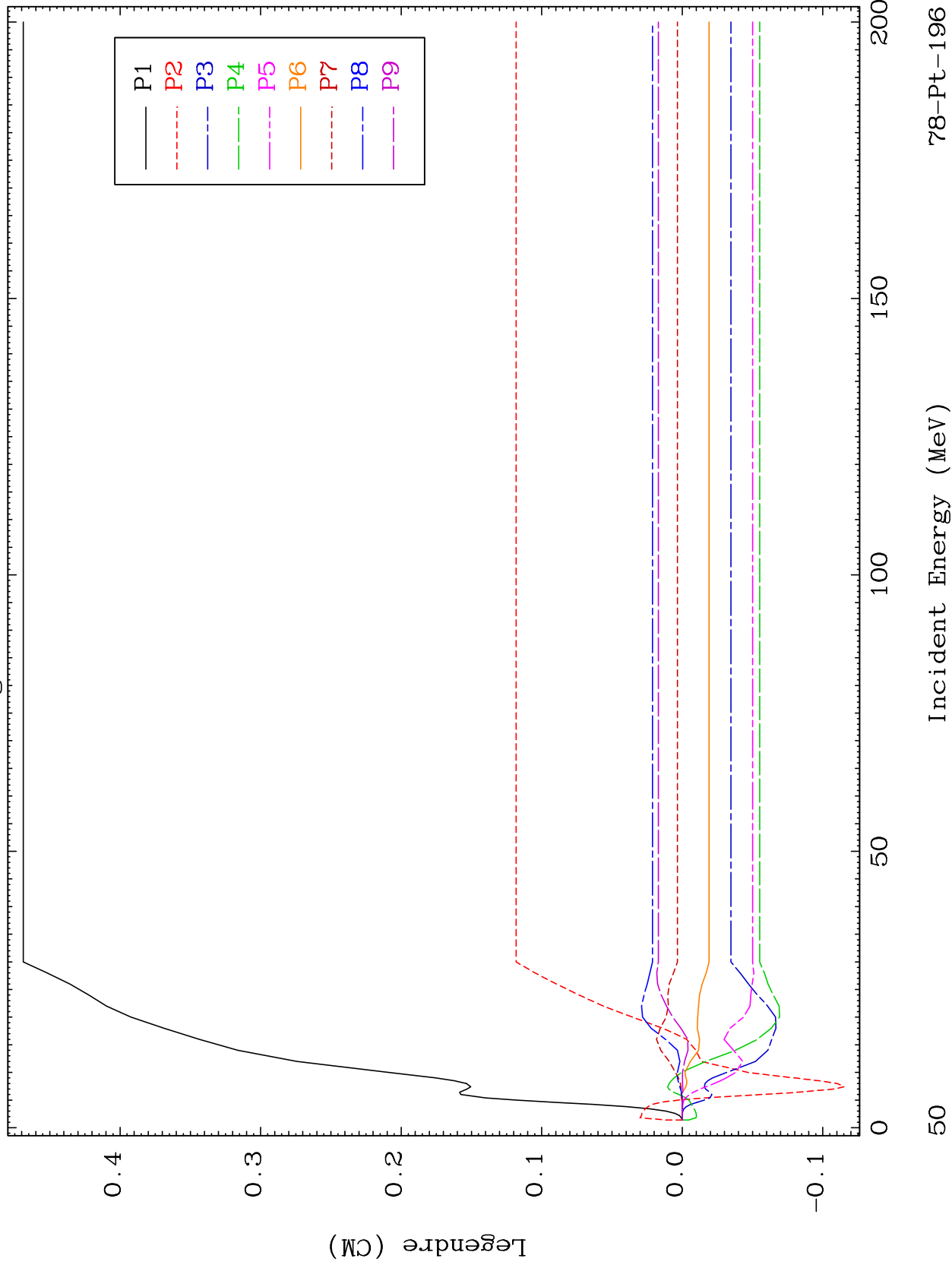
Incident Energy (MeV)

78-Pt-196

MAT 7843

1.374 MeV (n,n') Level  
Legendre Coefficients

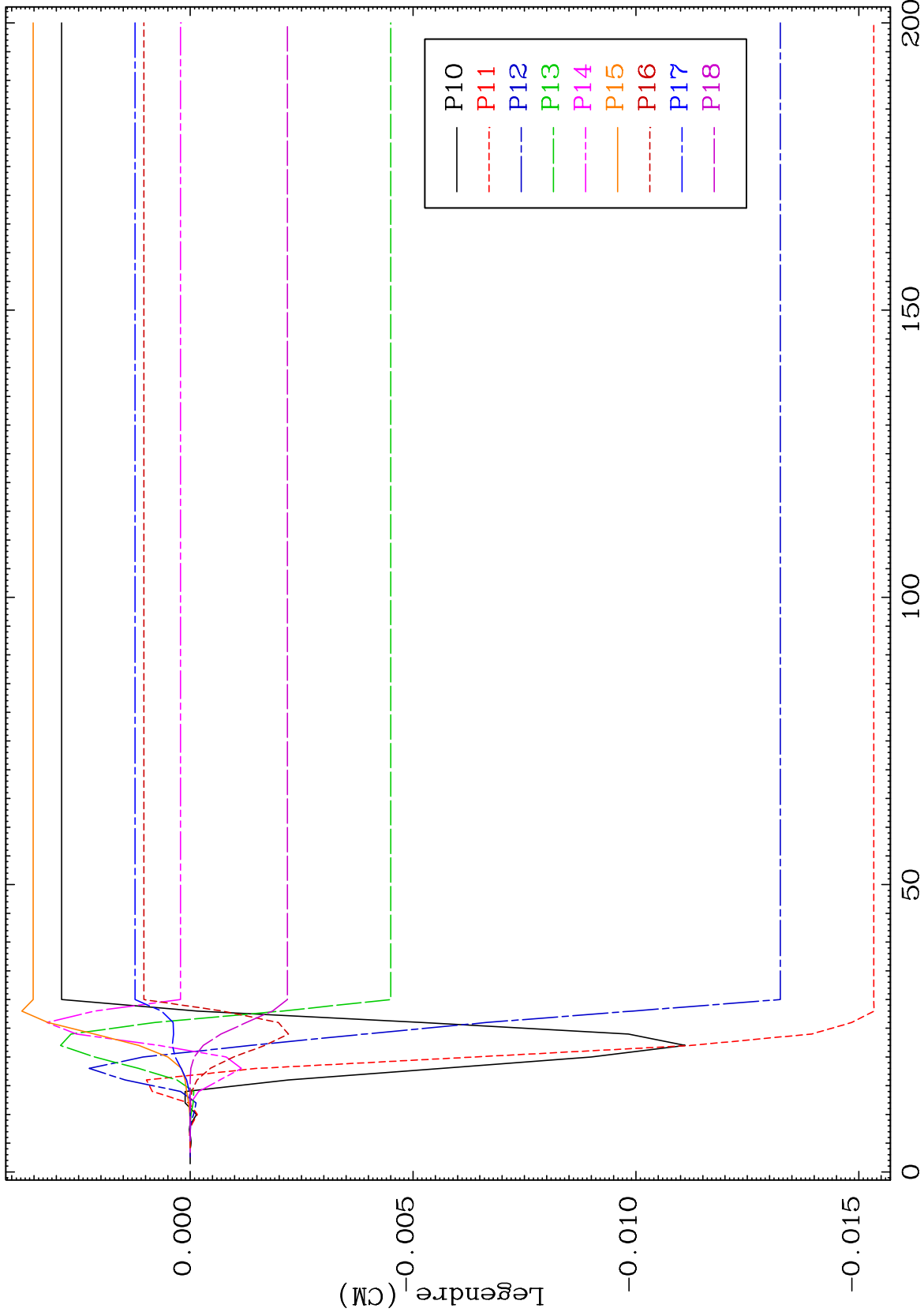
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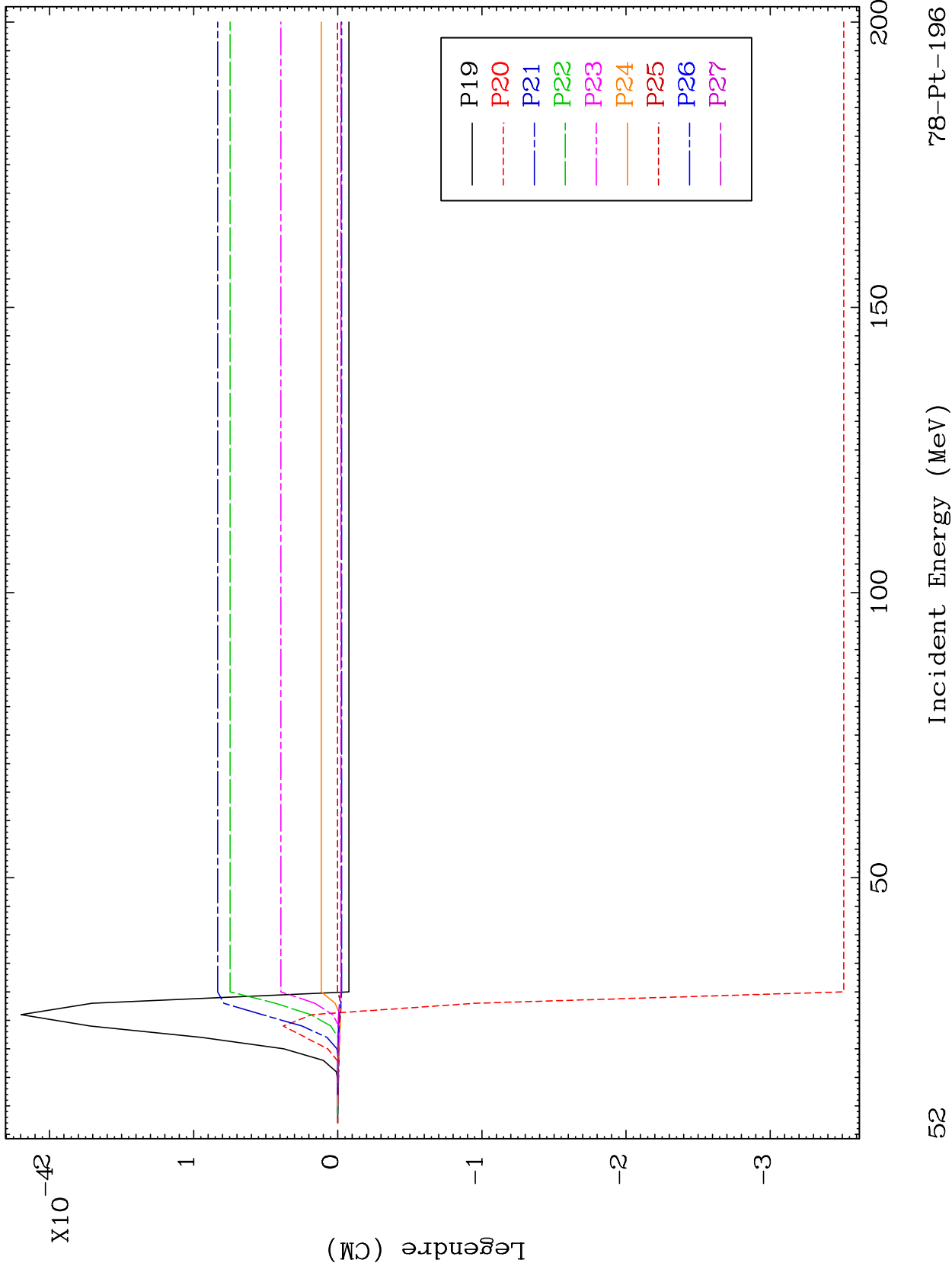


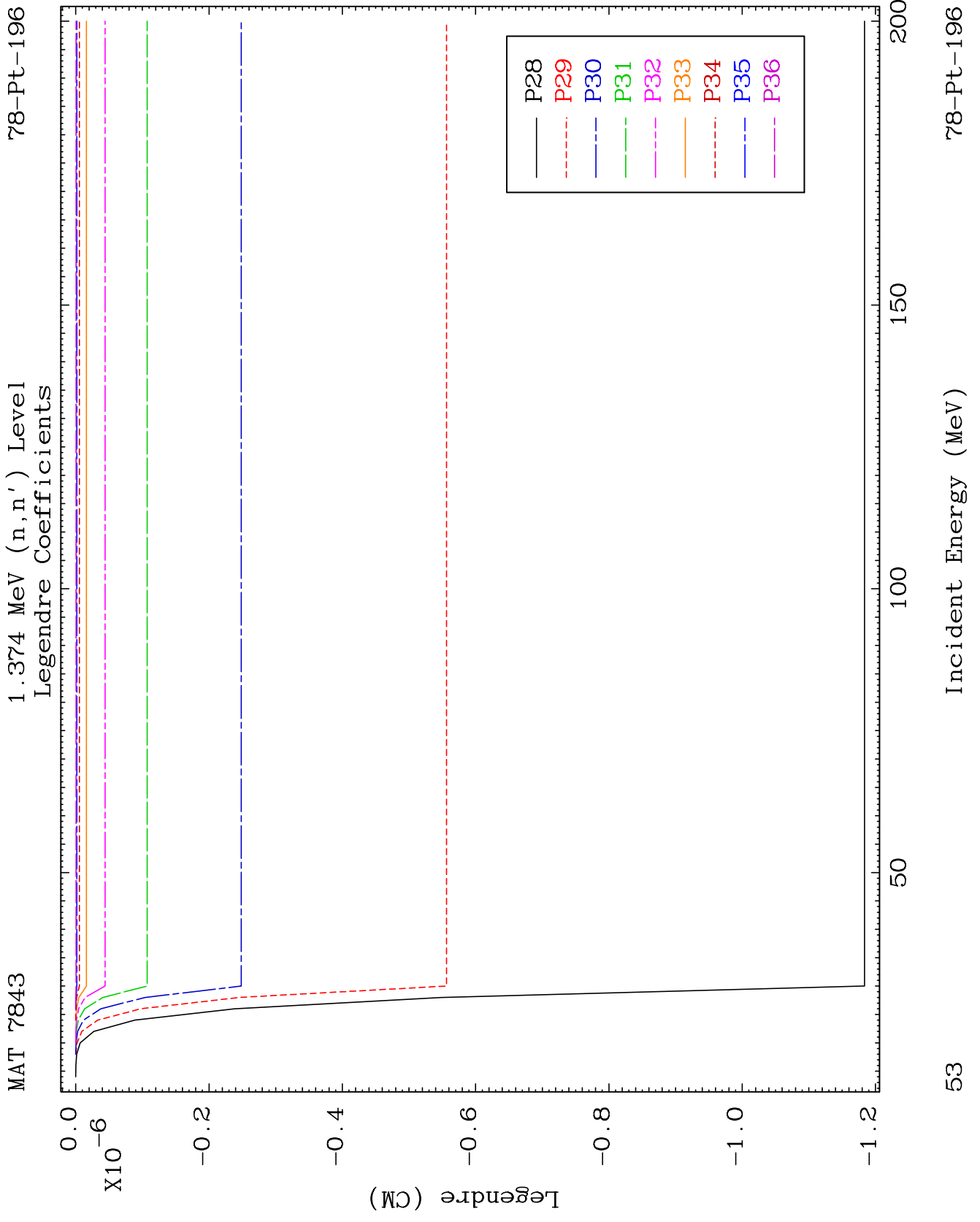
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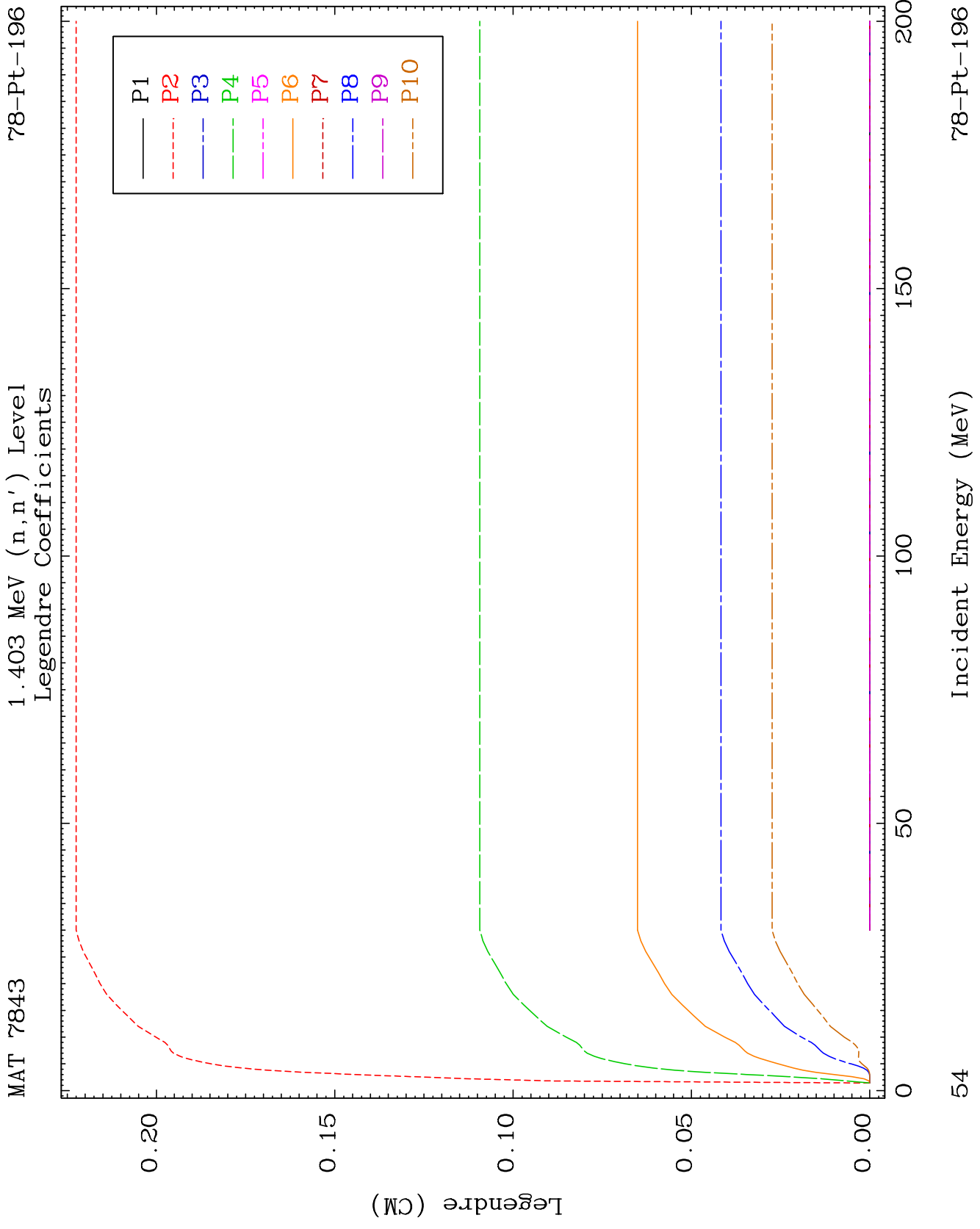
Incident Energy (MeV)

50





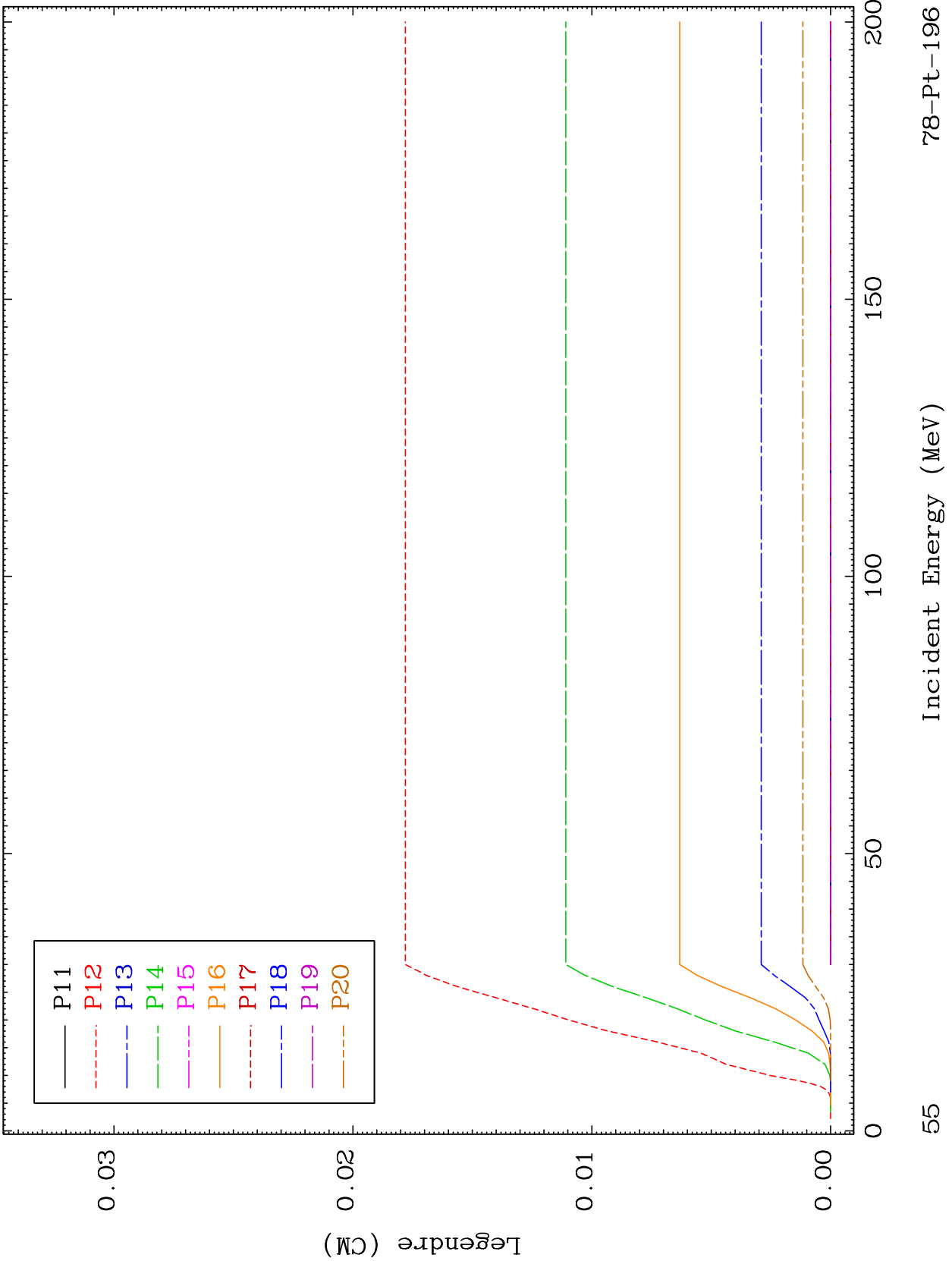




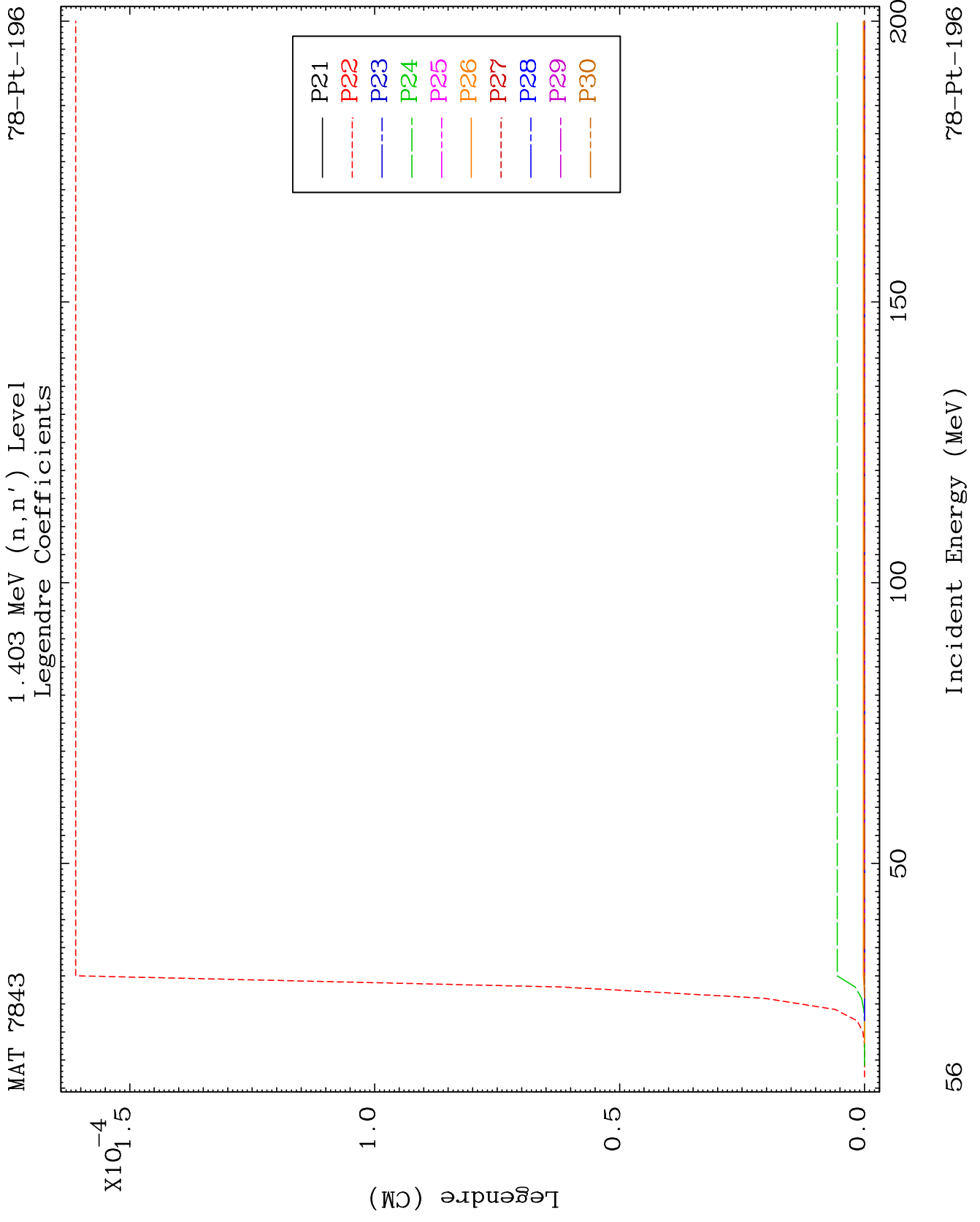
MAT 7843

1.403 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



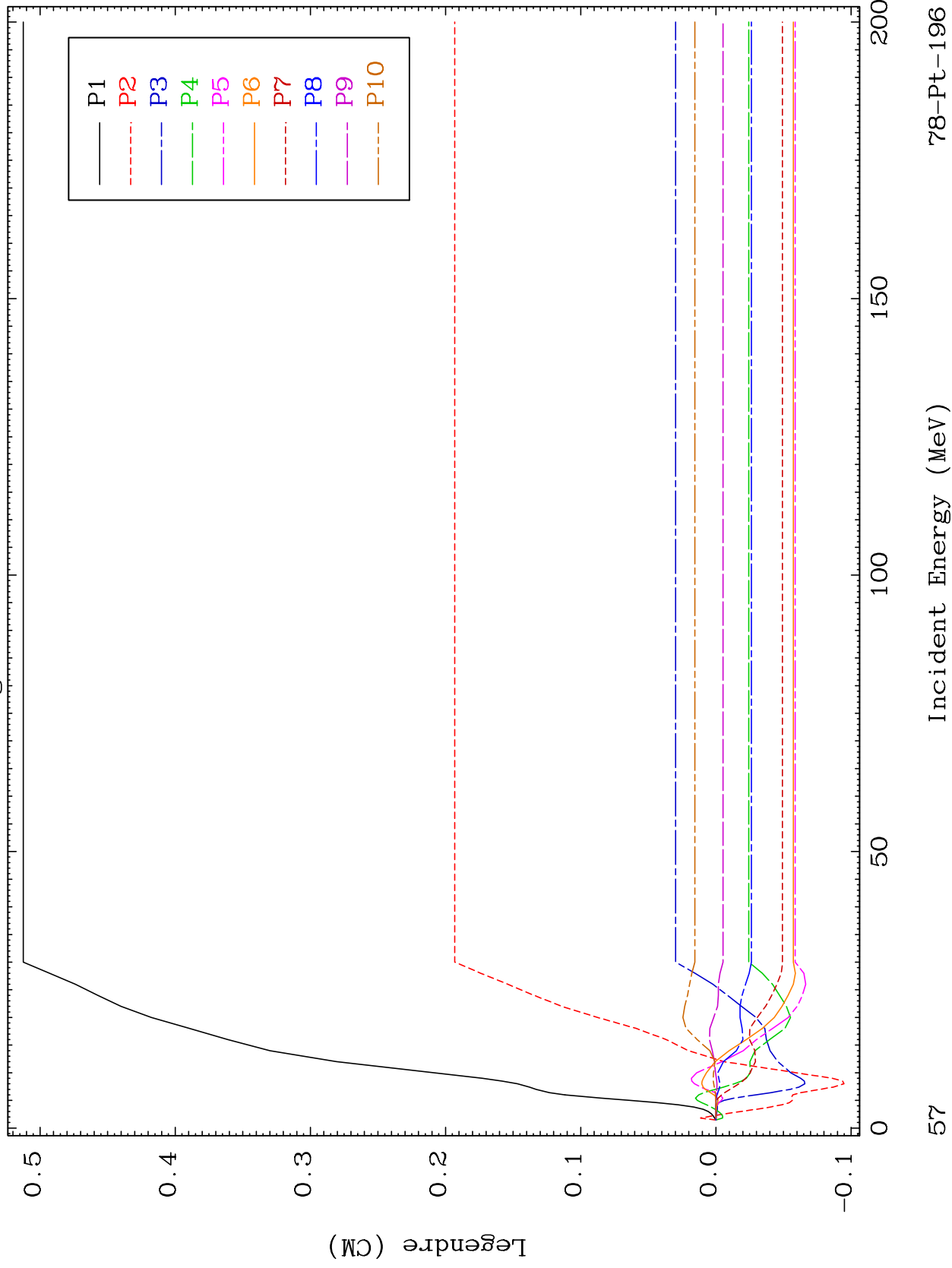




MAT 7843

1.430 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



78-Pt-196

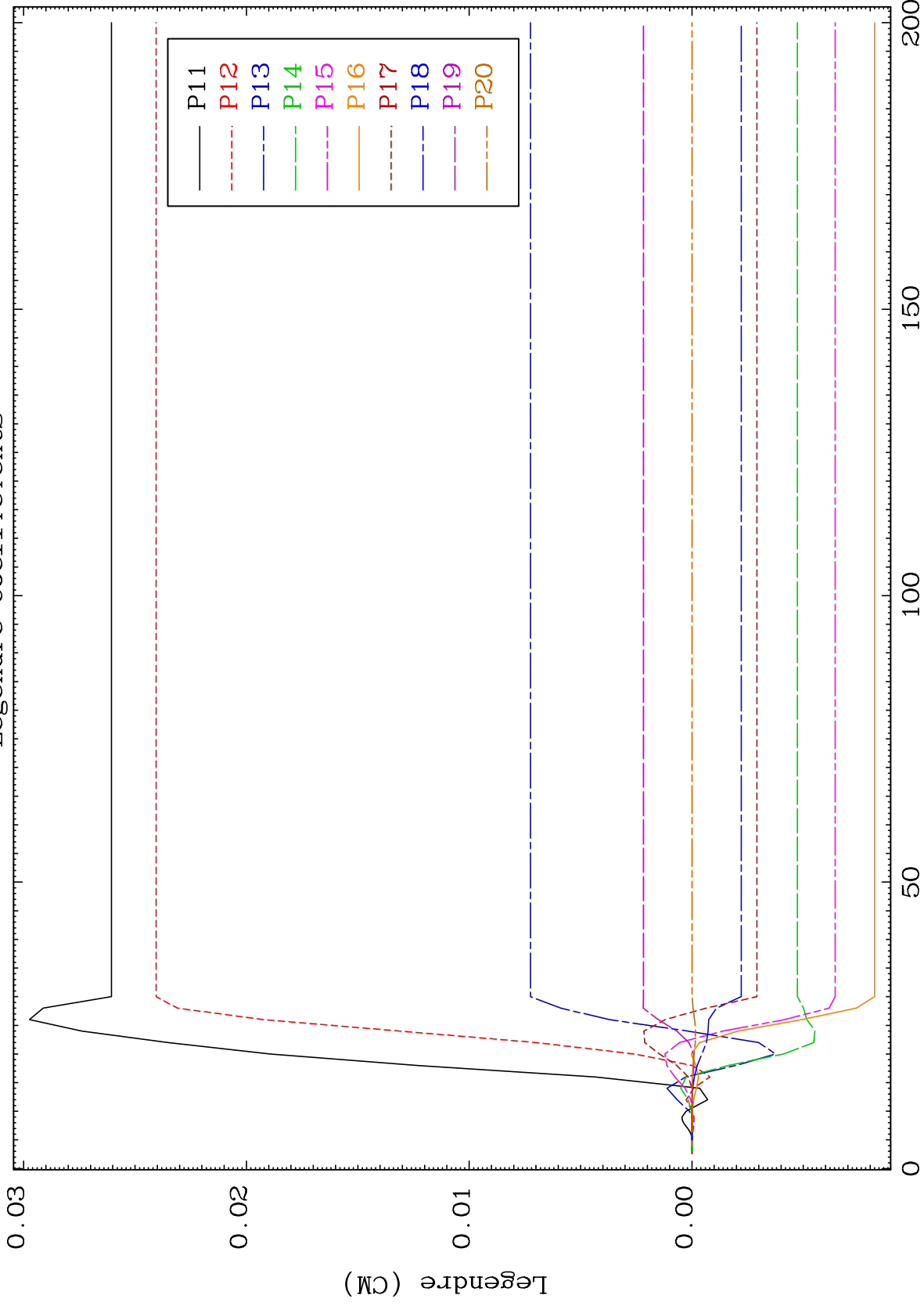
Incident Energy (MeV)

57

MAT 7843

1.430 MeV (n,n') Level  
Legendre Coefficients

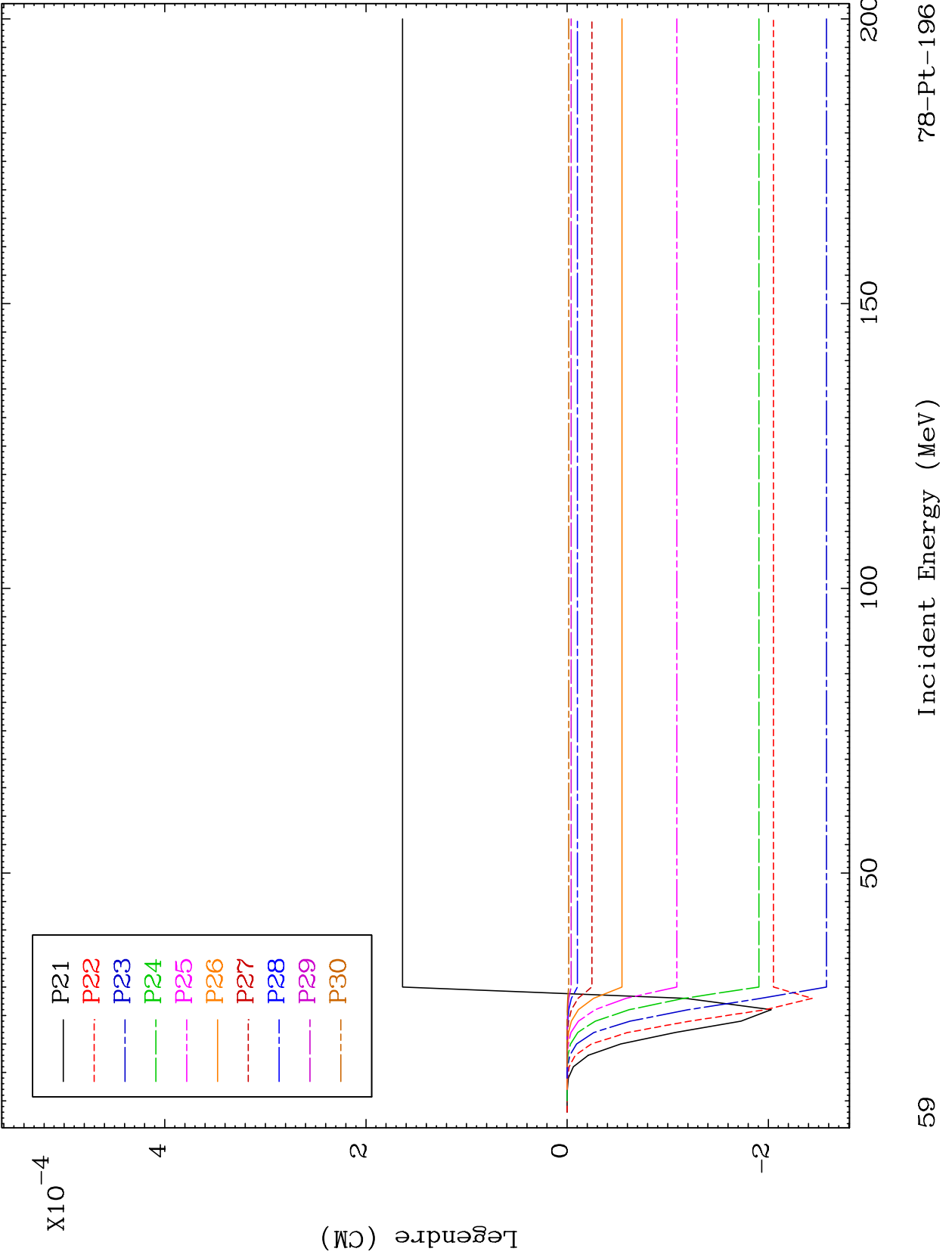
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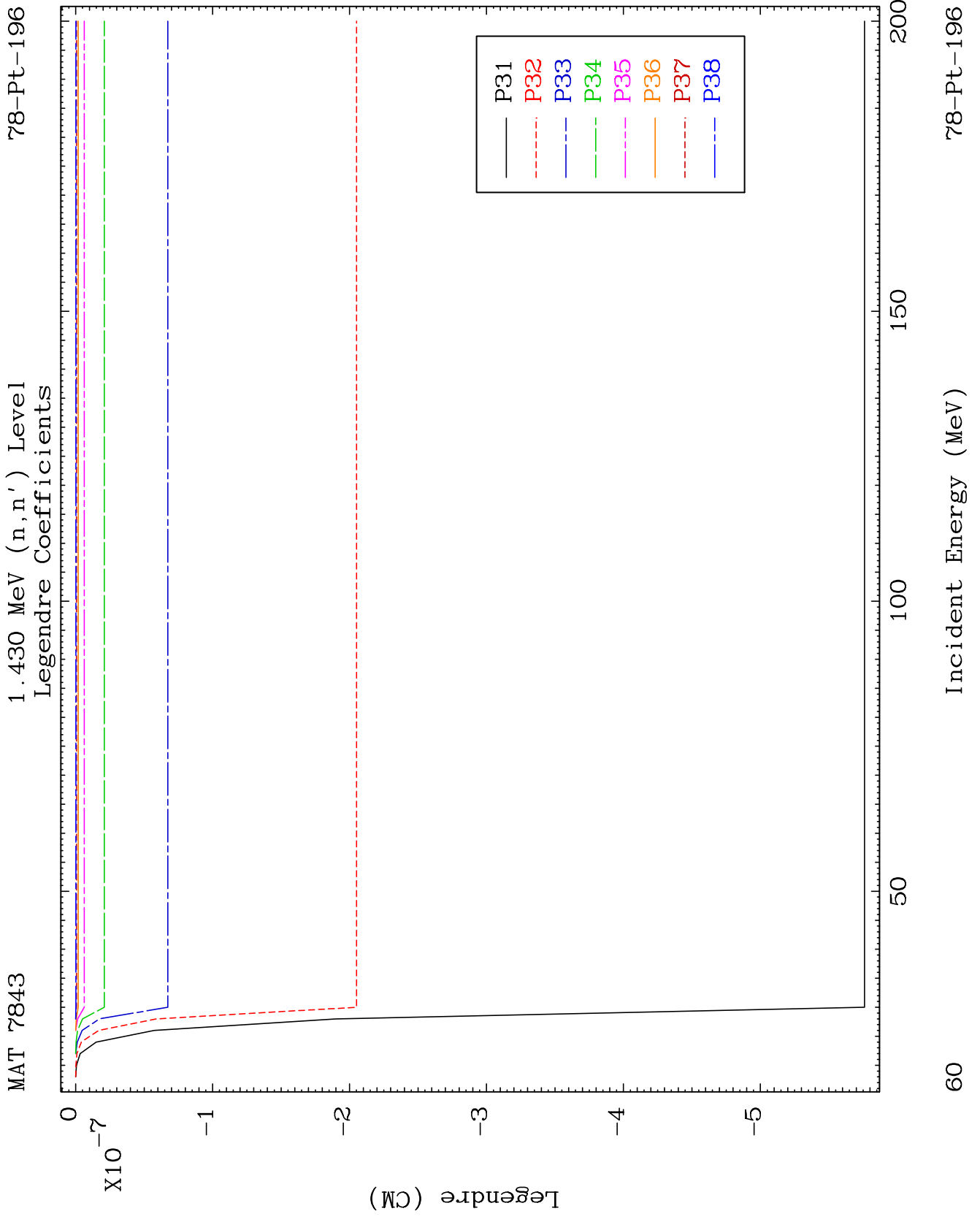


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Incident Energy (MeV)

78-Pt-196

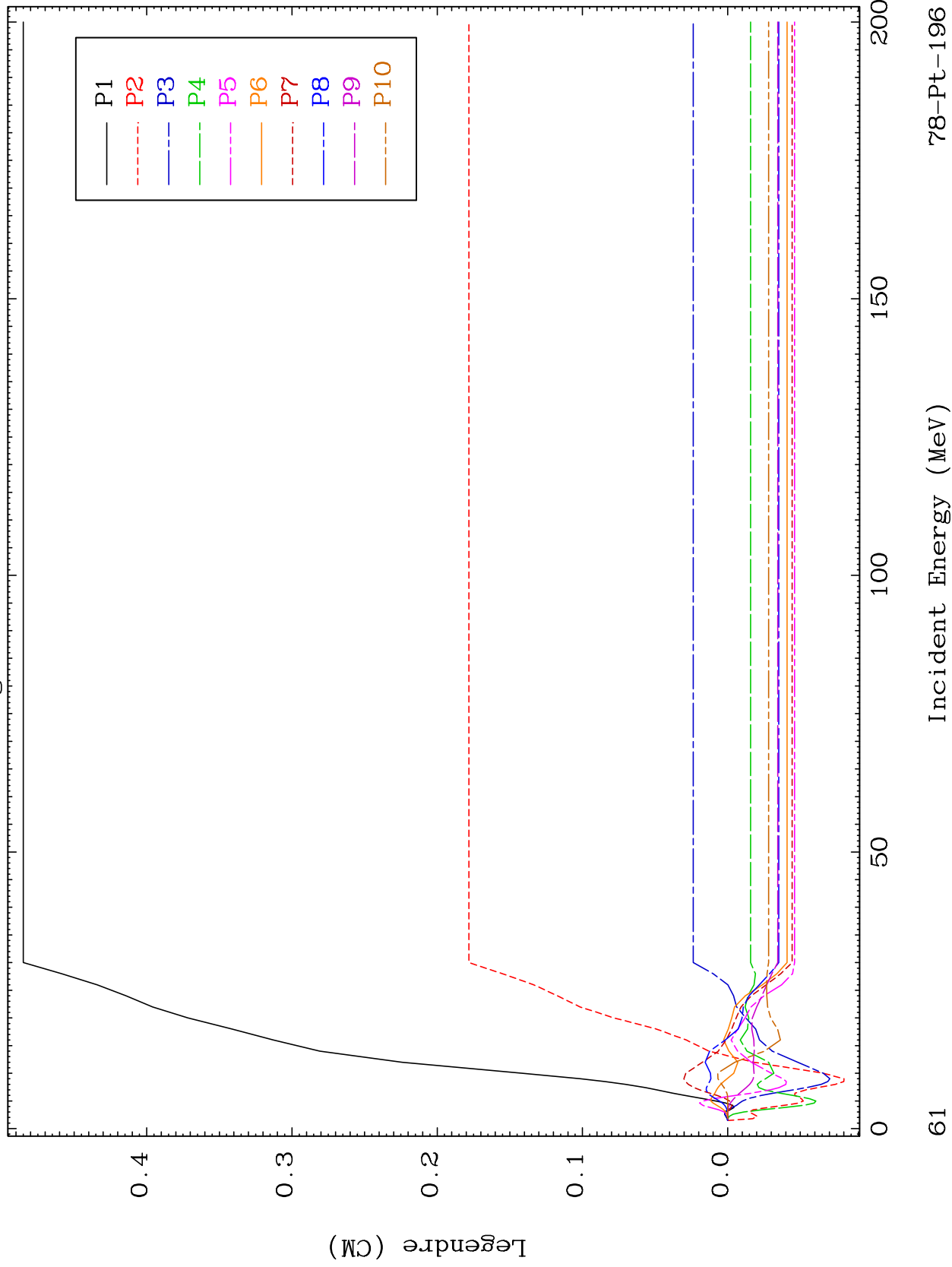




MAT 7843

1.447 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



78-Pt-196

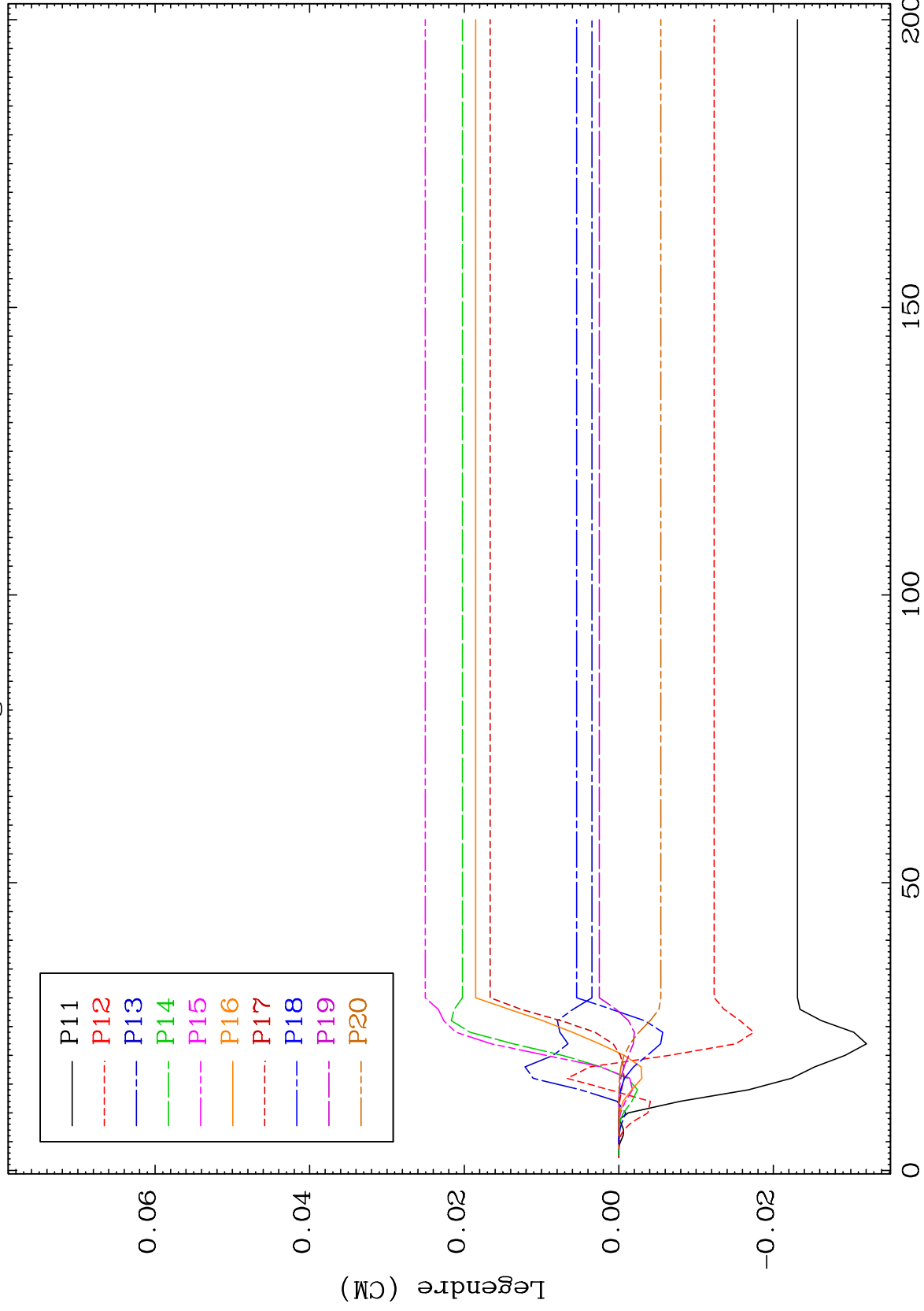
Incident Energy (MeV)

61

MAT 7843

1.447 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



78-Pt-196

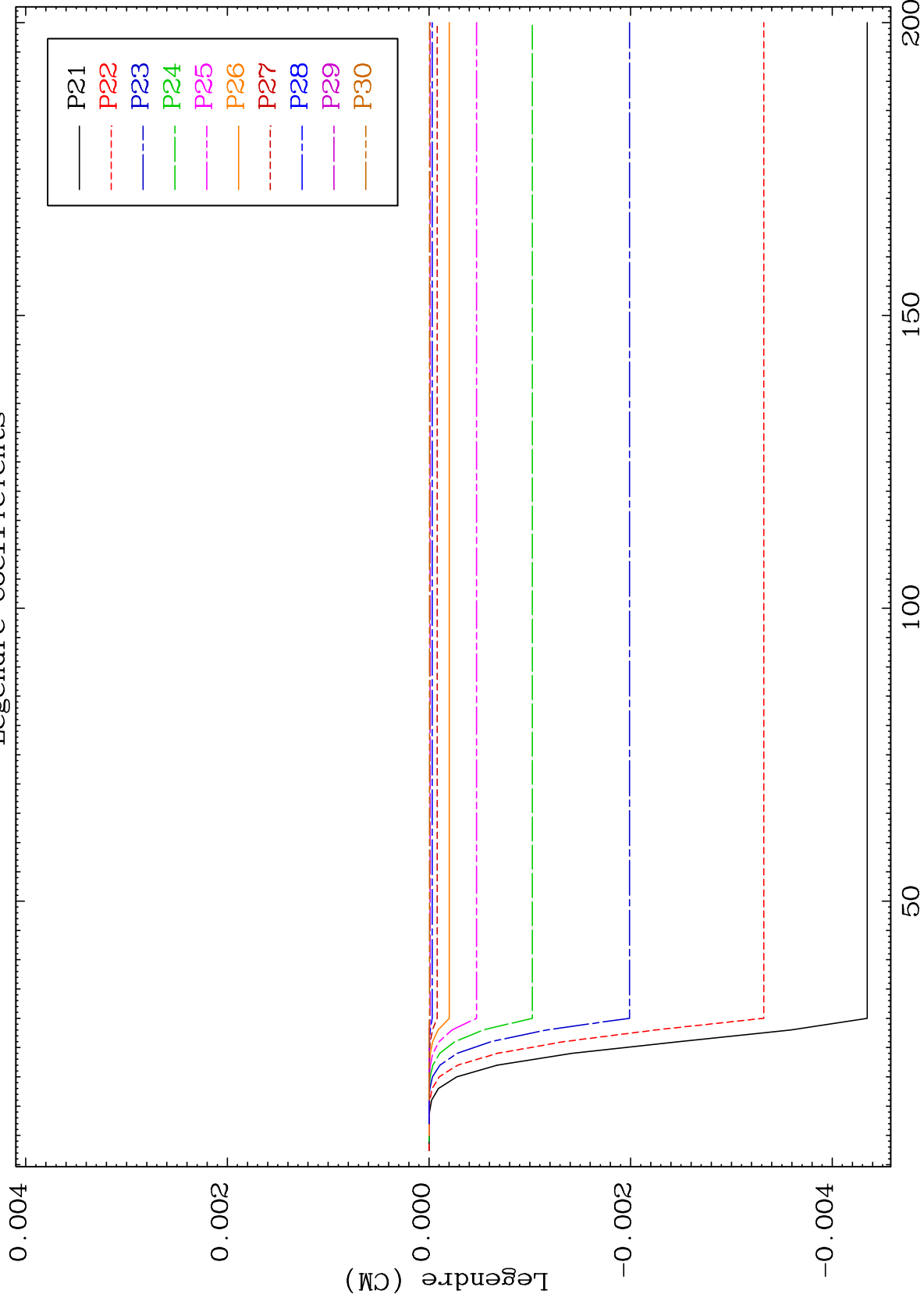
Incident Energy (MeV)

62

MAT 7843

1.447 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196

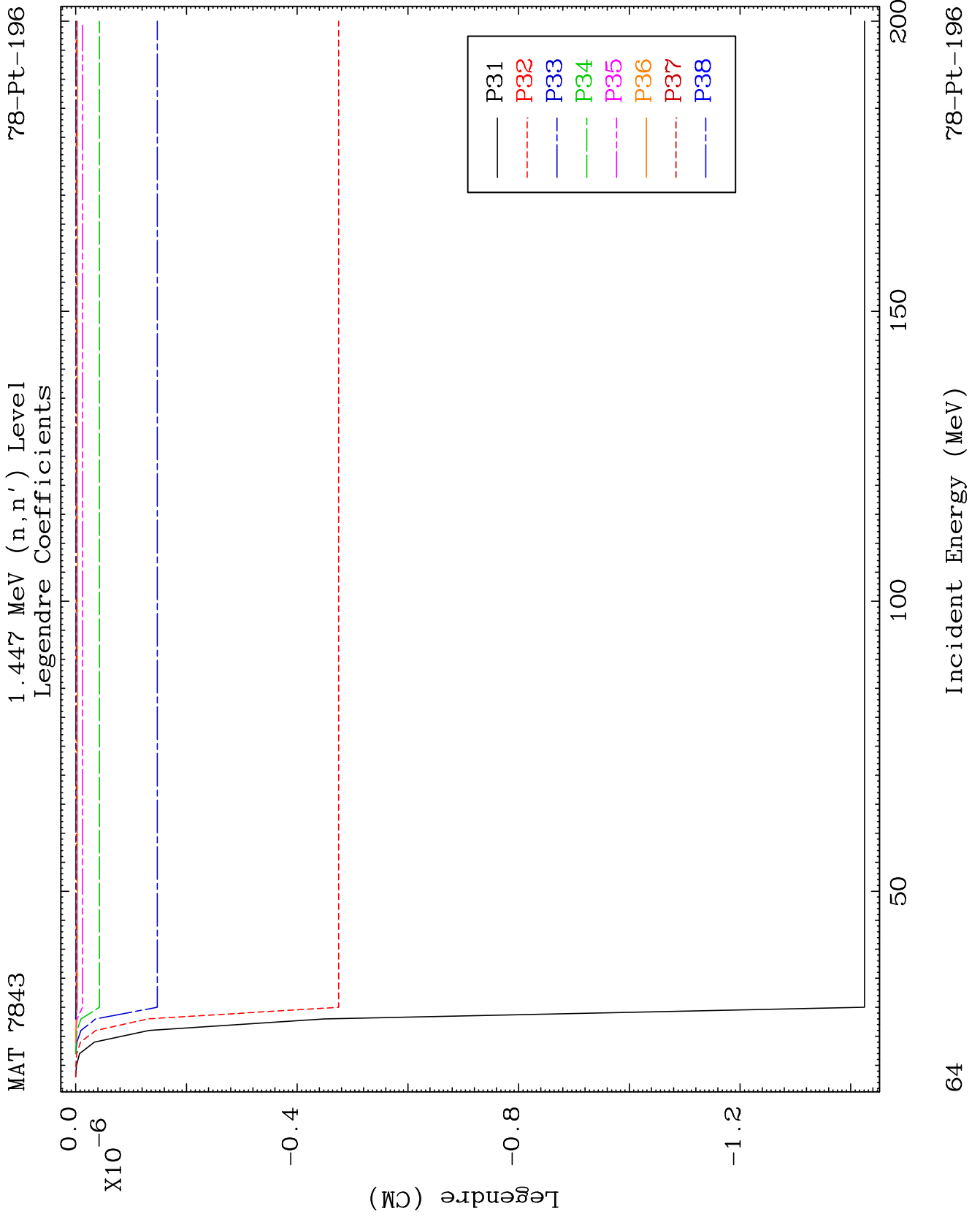


63

Incident Energy (MeV)

78-Pt-196

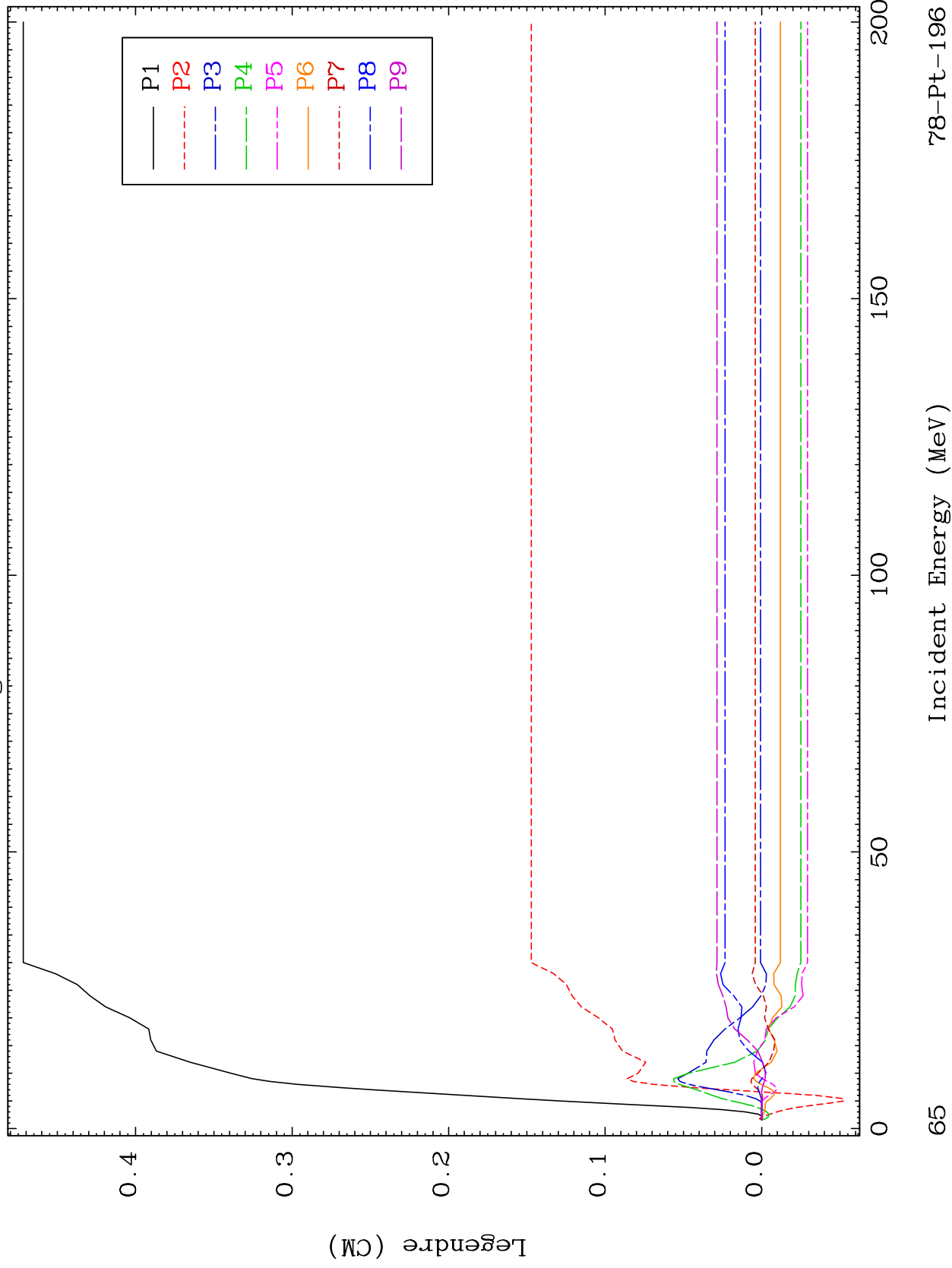




MAT 7843

1.526 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



78-Pt-196

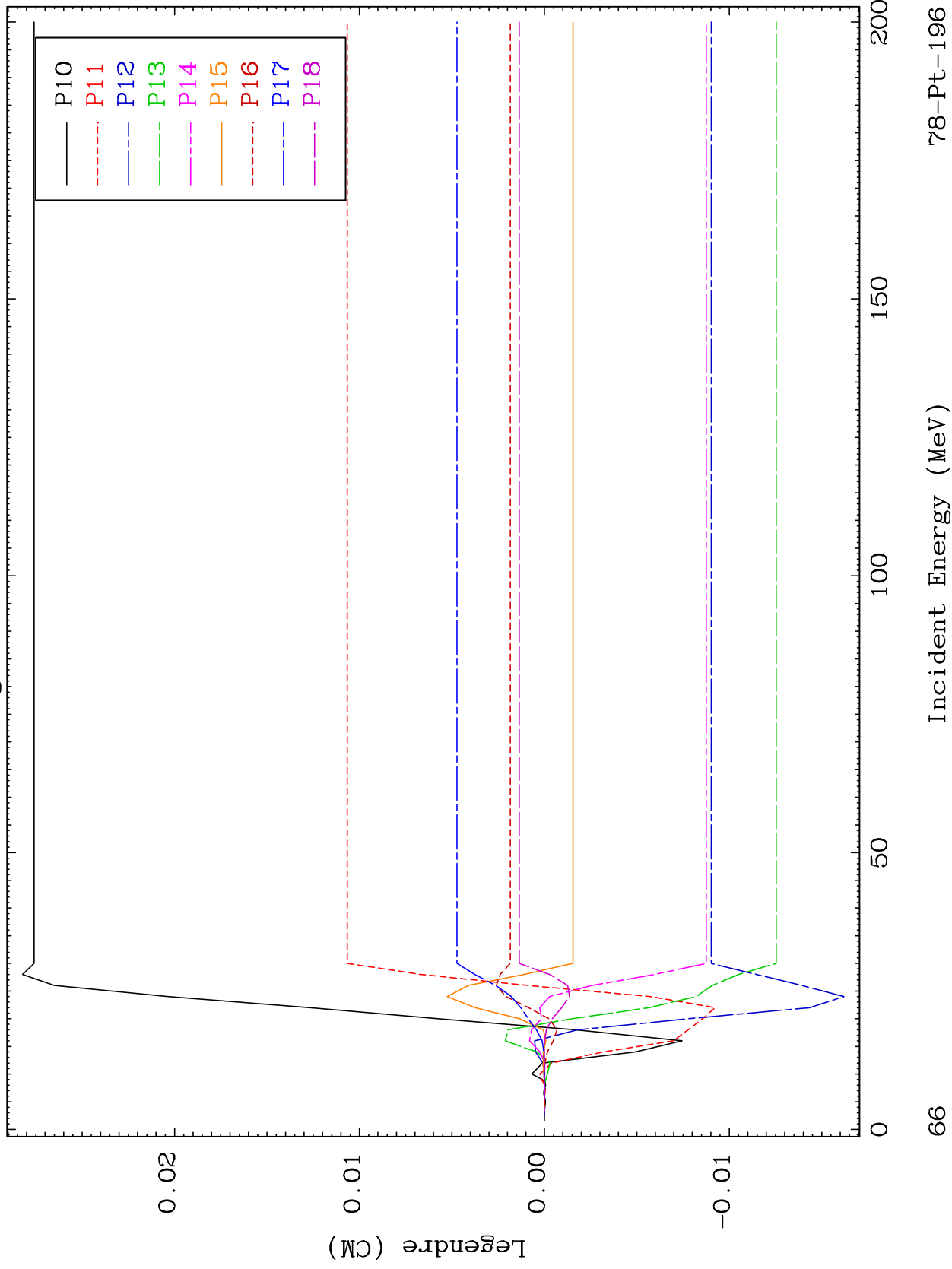
Incident Energy (MeV)

65

MAT 7843

1.526 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



66

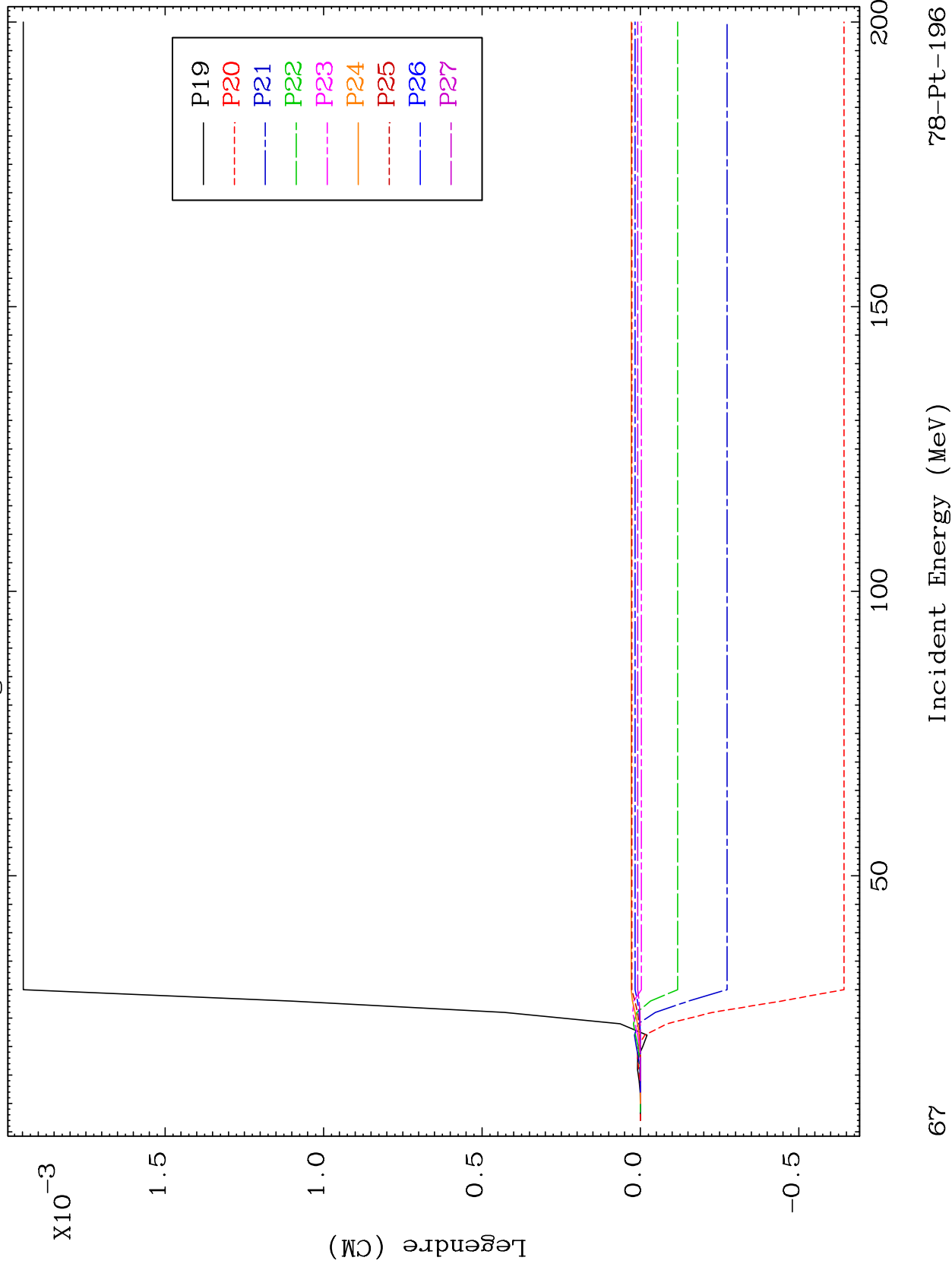
Incident Energy (MeV)

78-Pt-196

MAT 7843

1.526 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196

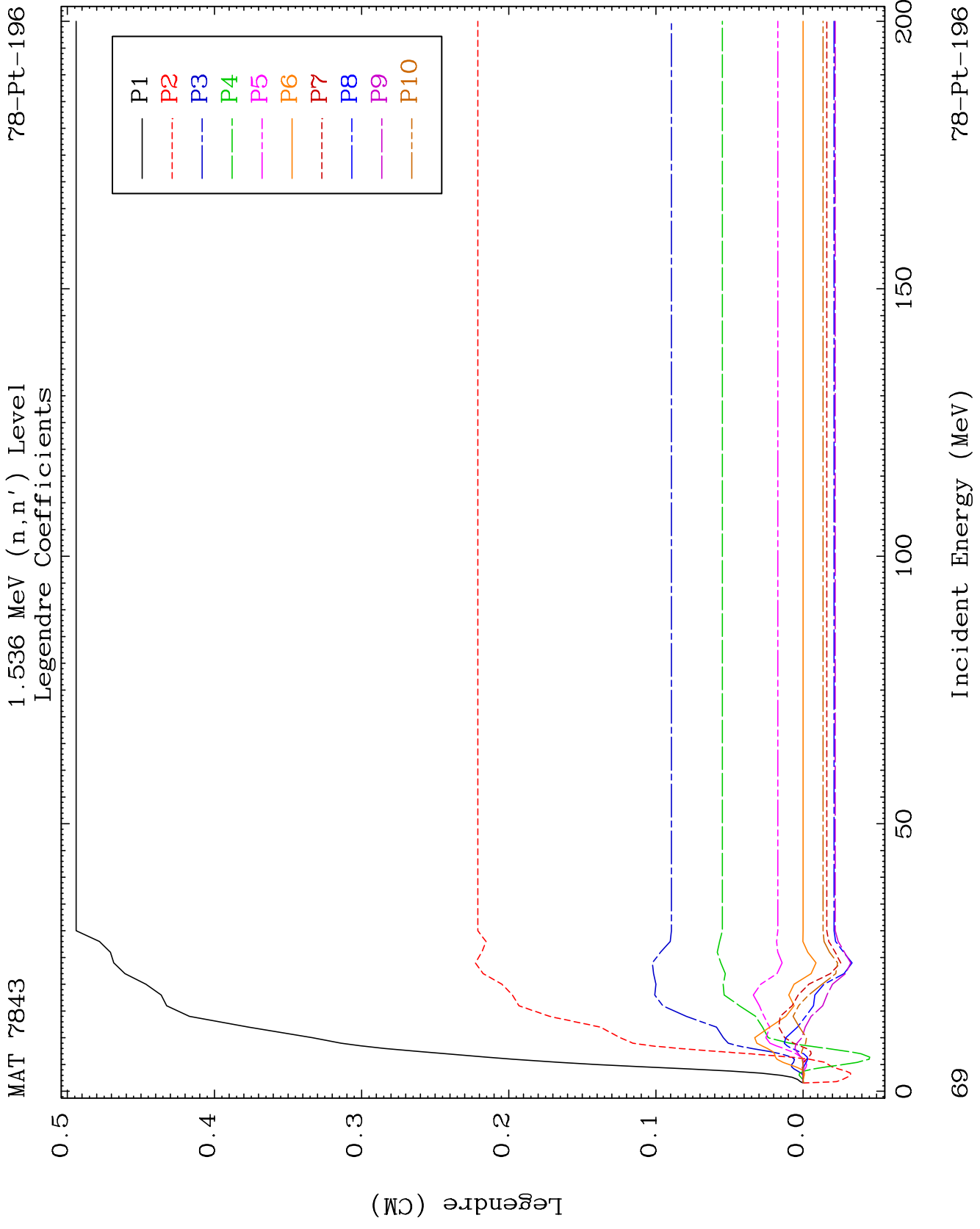


67

Incident Energy (MeV)

78-Pt-196

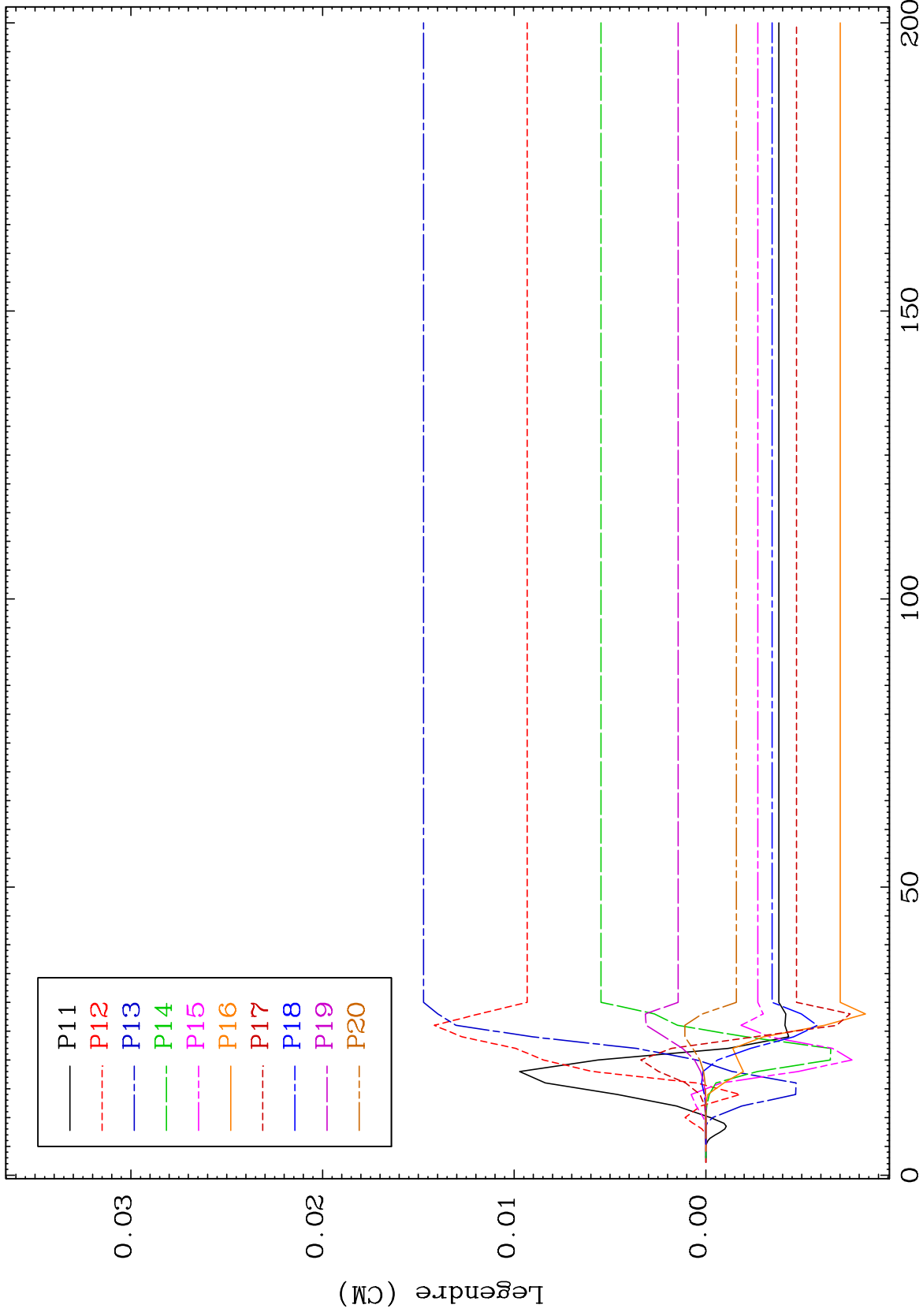




MAT 7843

1.536 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



78-Pt-196

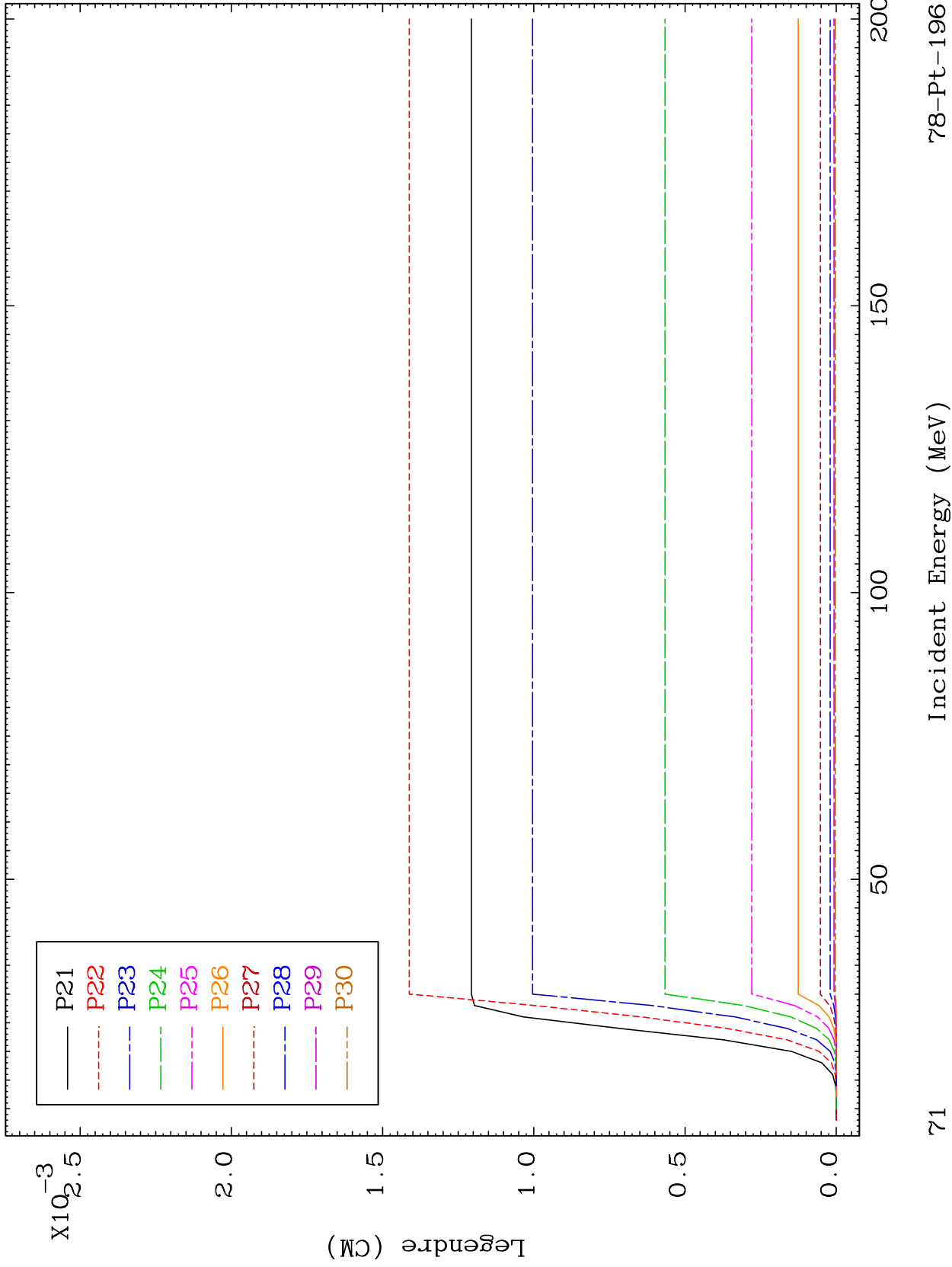
Incident Energy (MeV)

70

MAT 7843

1.536 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196

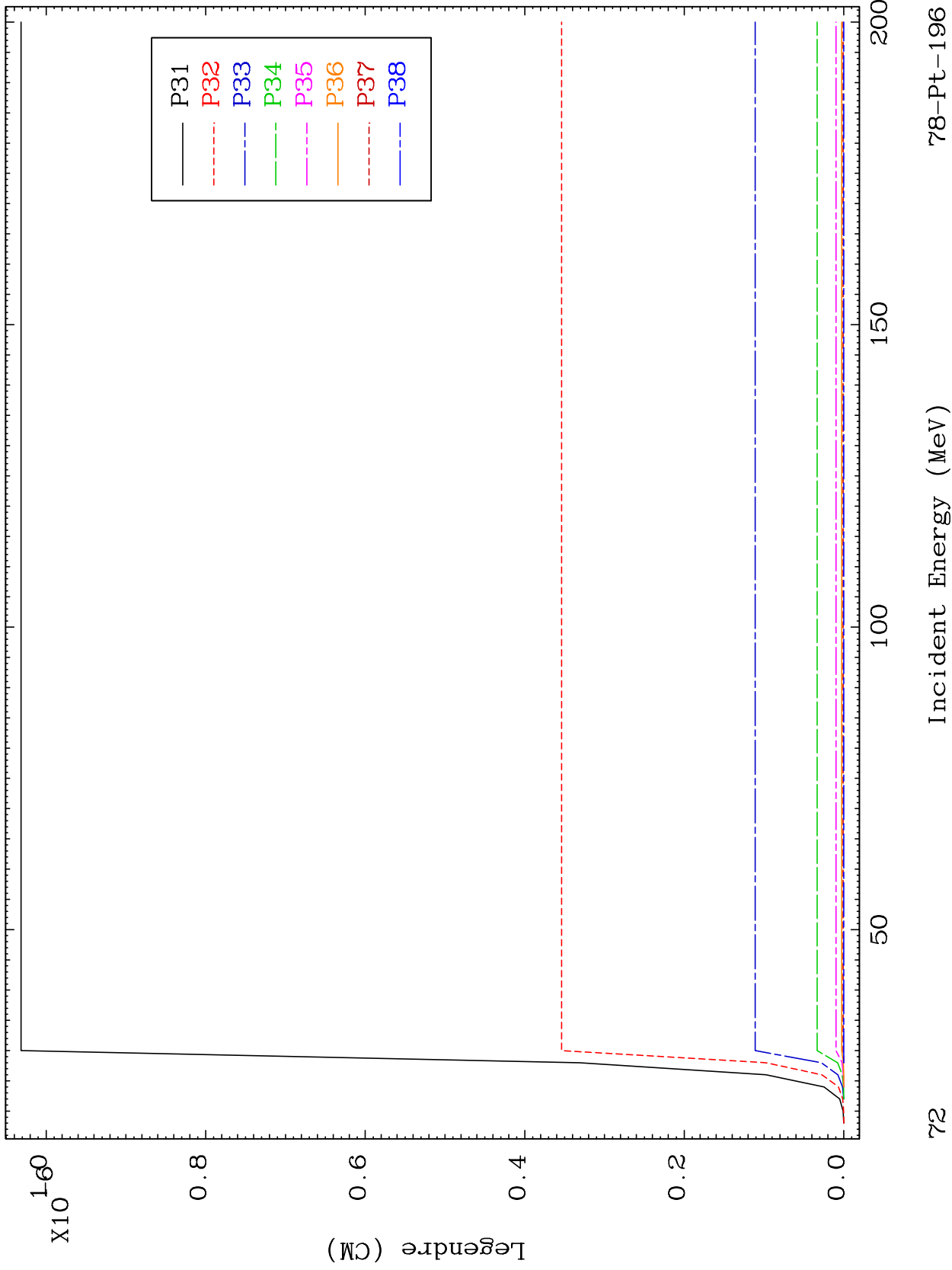




MAT 7843

1.536 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196

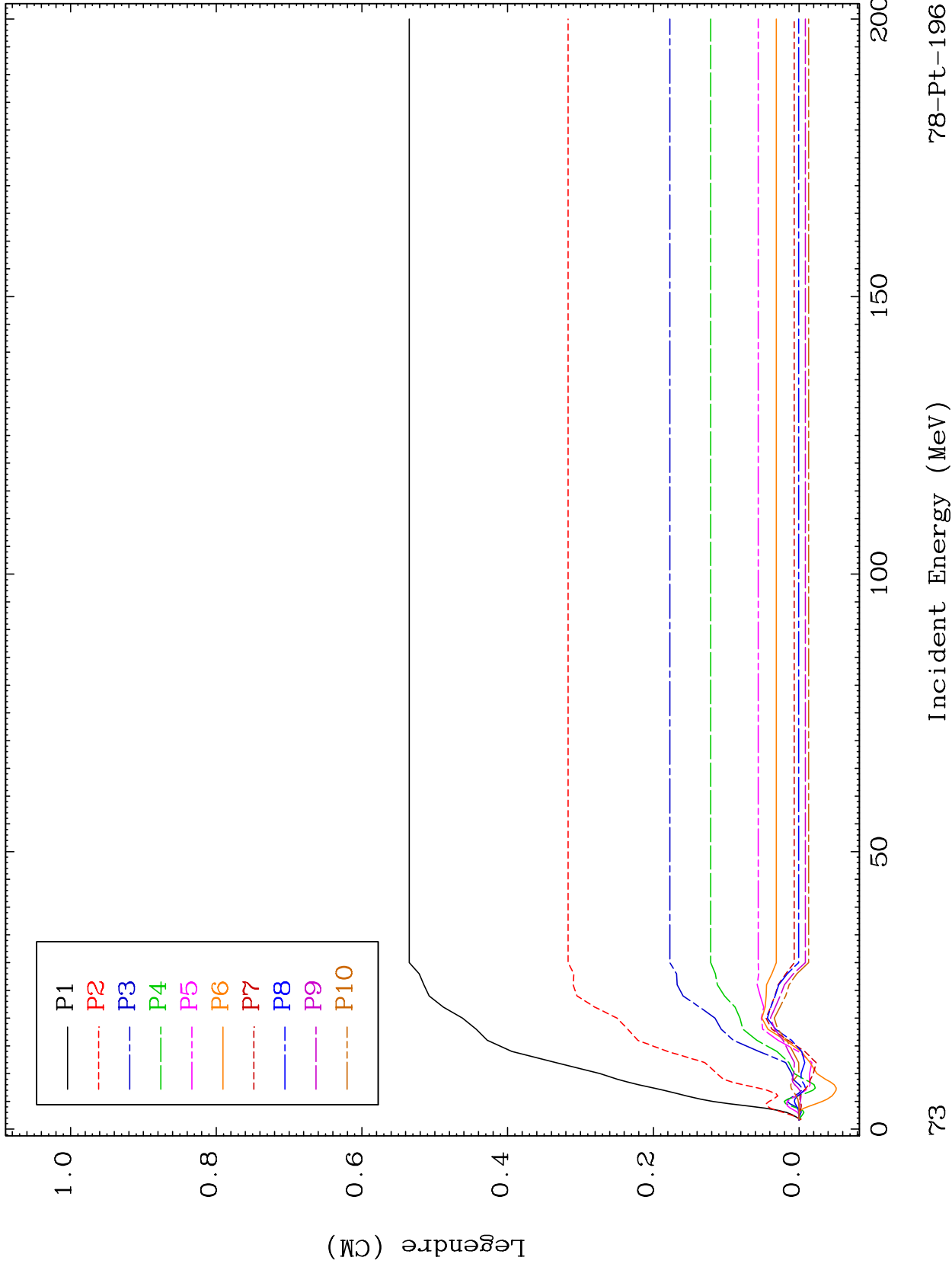


72

MAT 7843

1.604 MeV (n,n') Level  
Legendre Coefficients

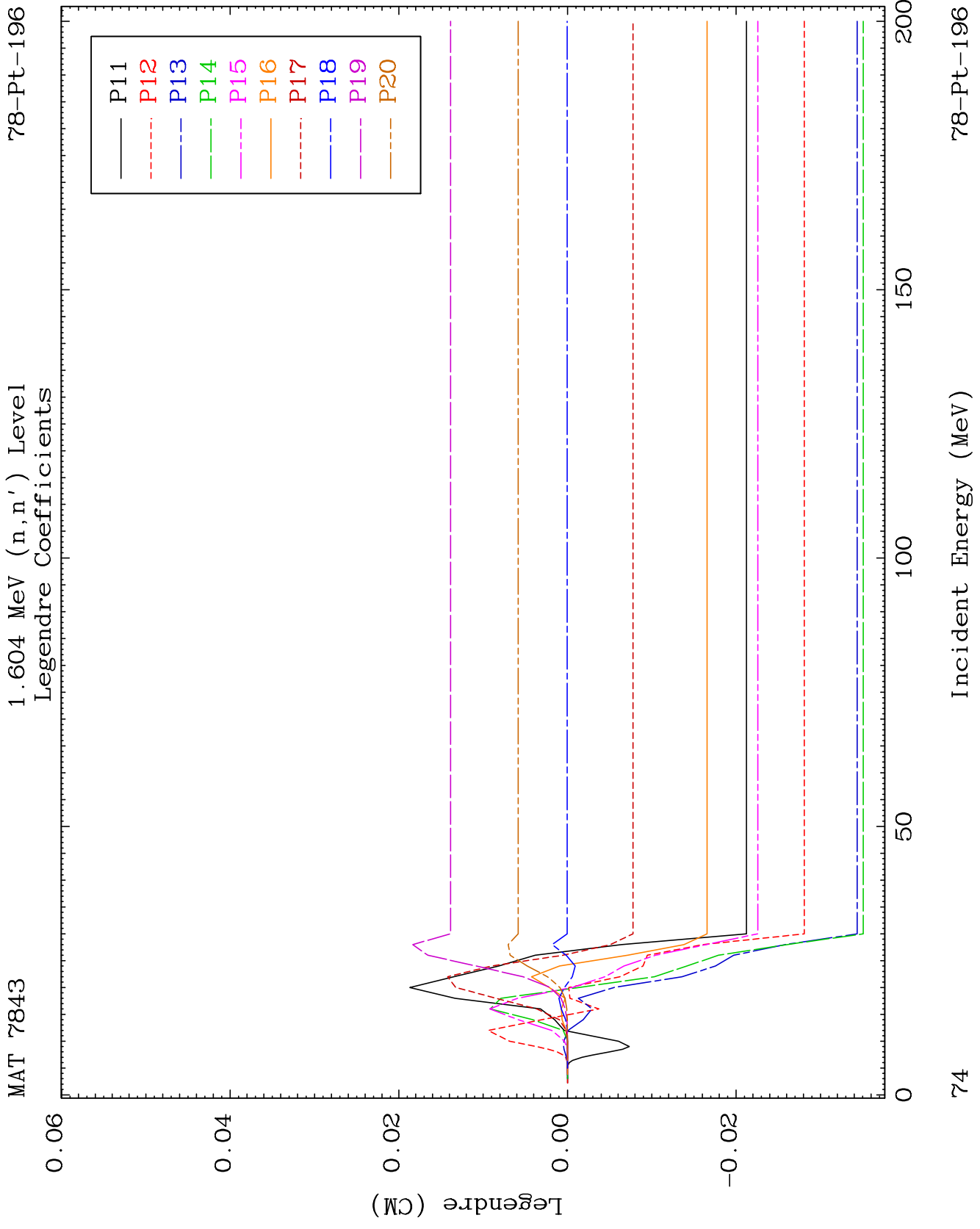
78-Pt-196



73

Incident Energy (MeV)

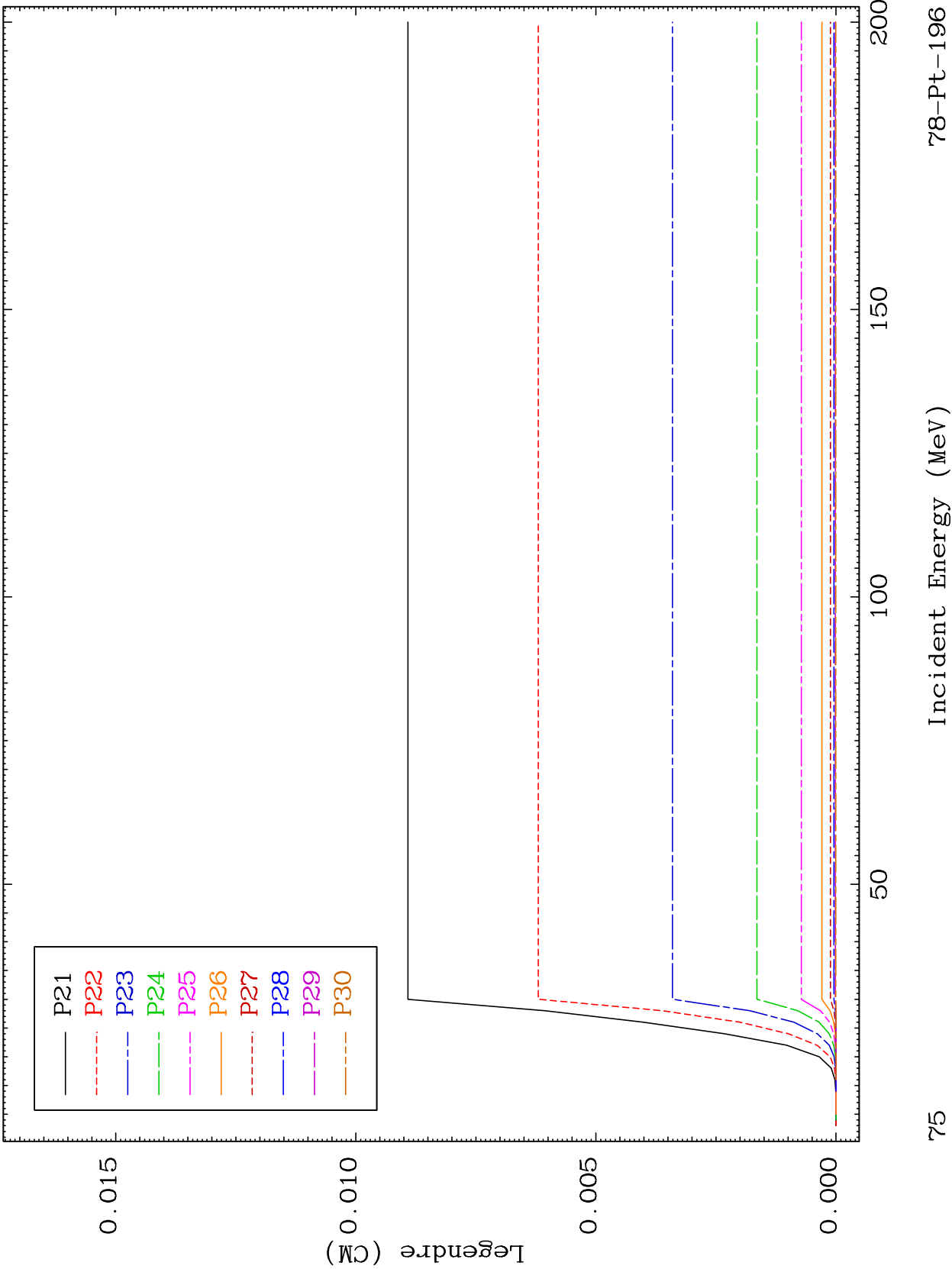
78-Pt-196



MAT 7843

1.604 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



75

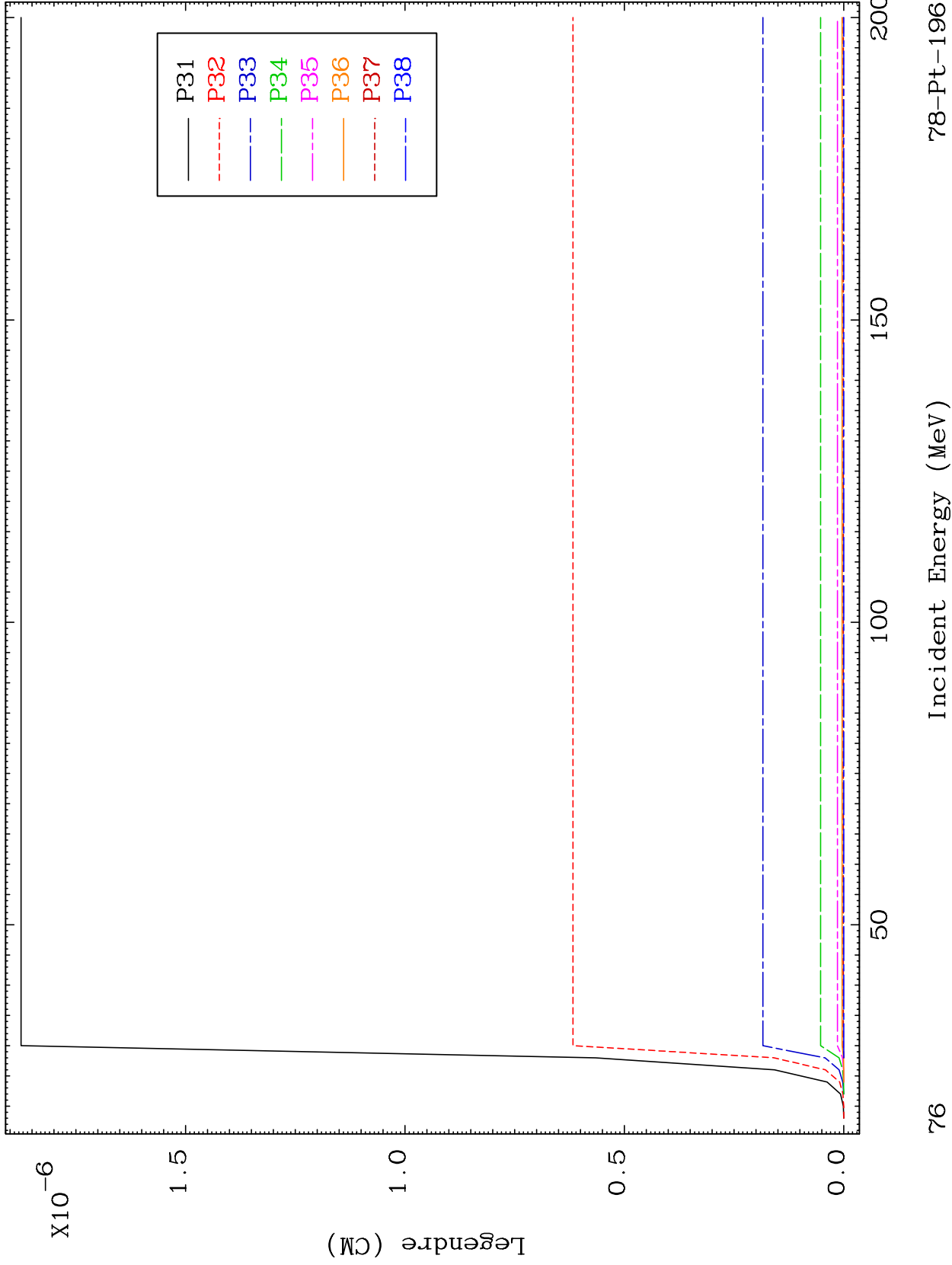
Incident Energy (MeV)

78-Pt-196

MAT 7843

1.604 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196

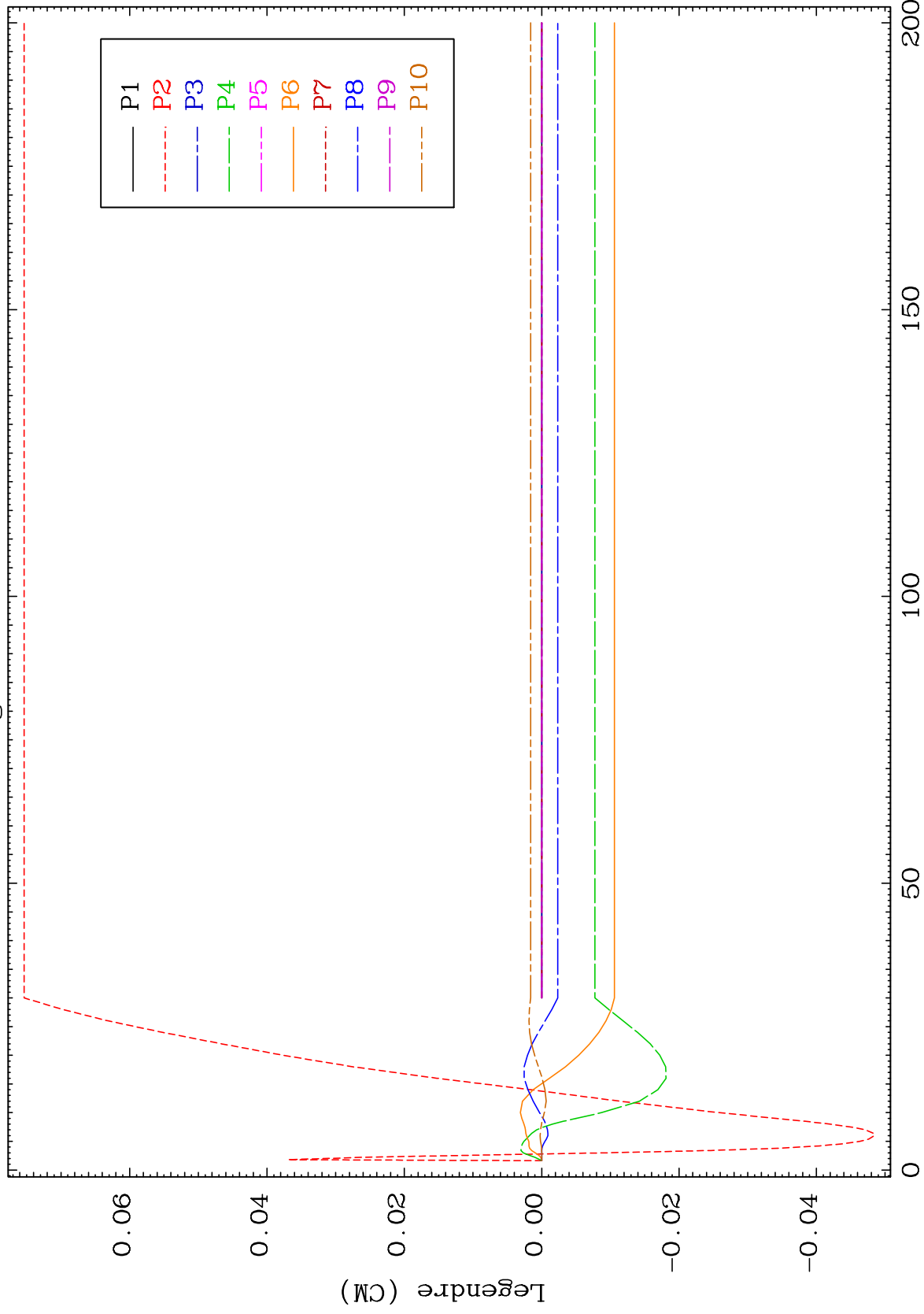


76

MAT 7843

1.610 MeV (n,n') Level  
Legendre Coefficients

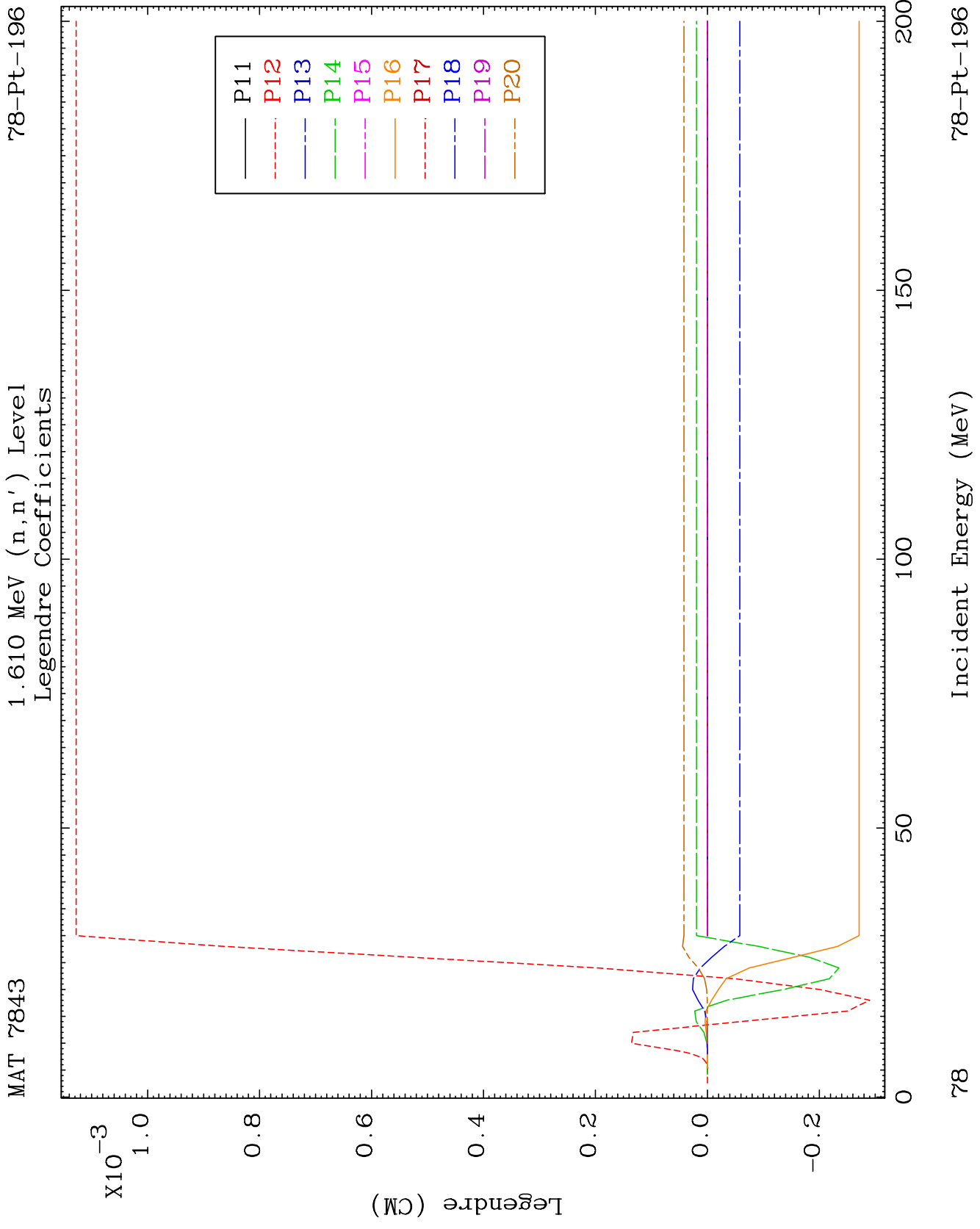
78-Pt-196

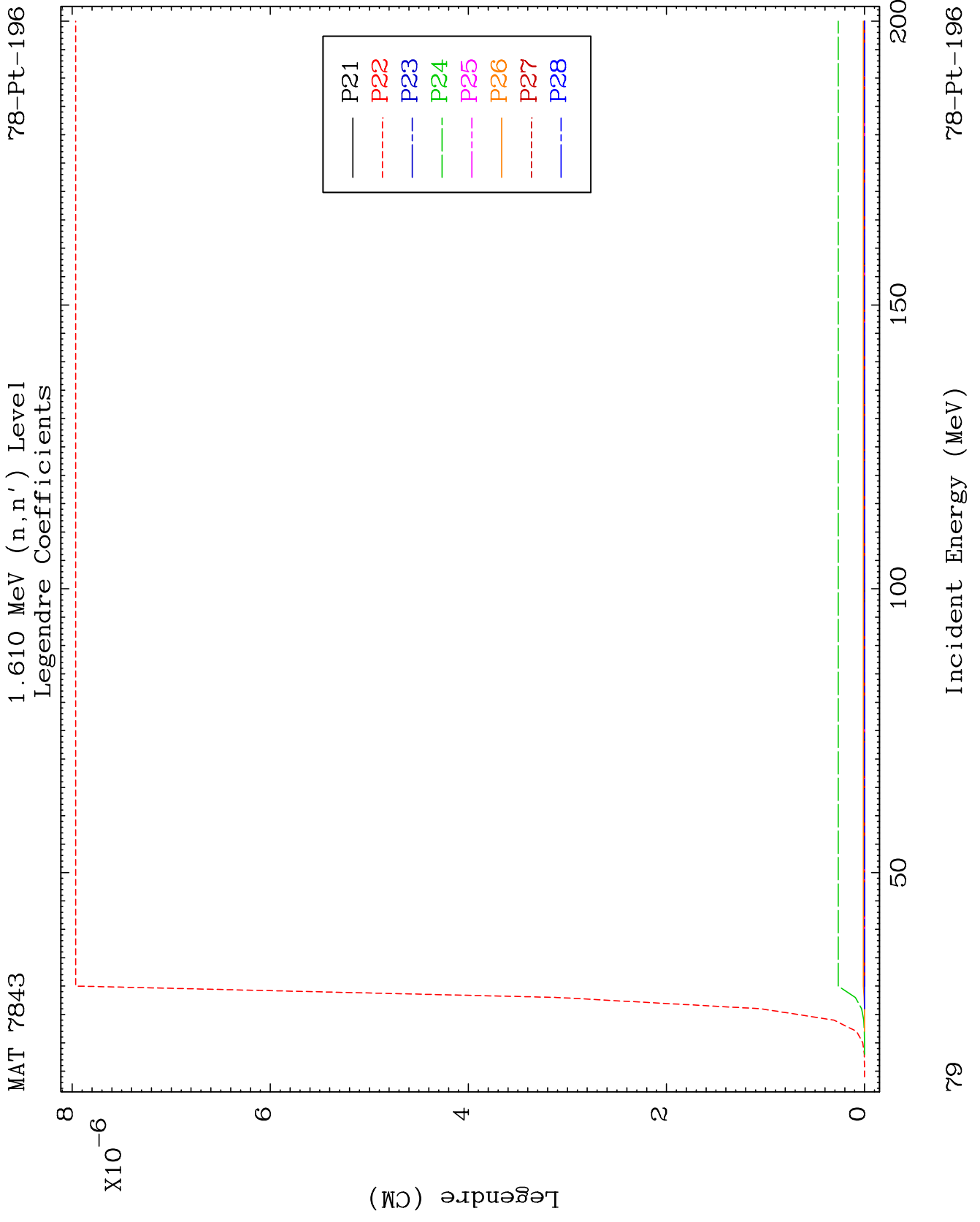


77

Incident Energy (MeV)

78-Pt-196



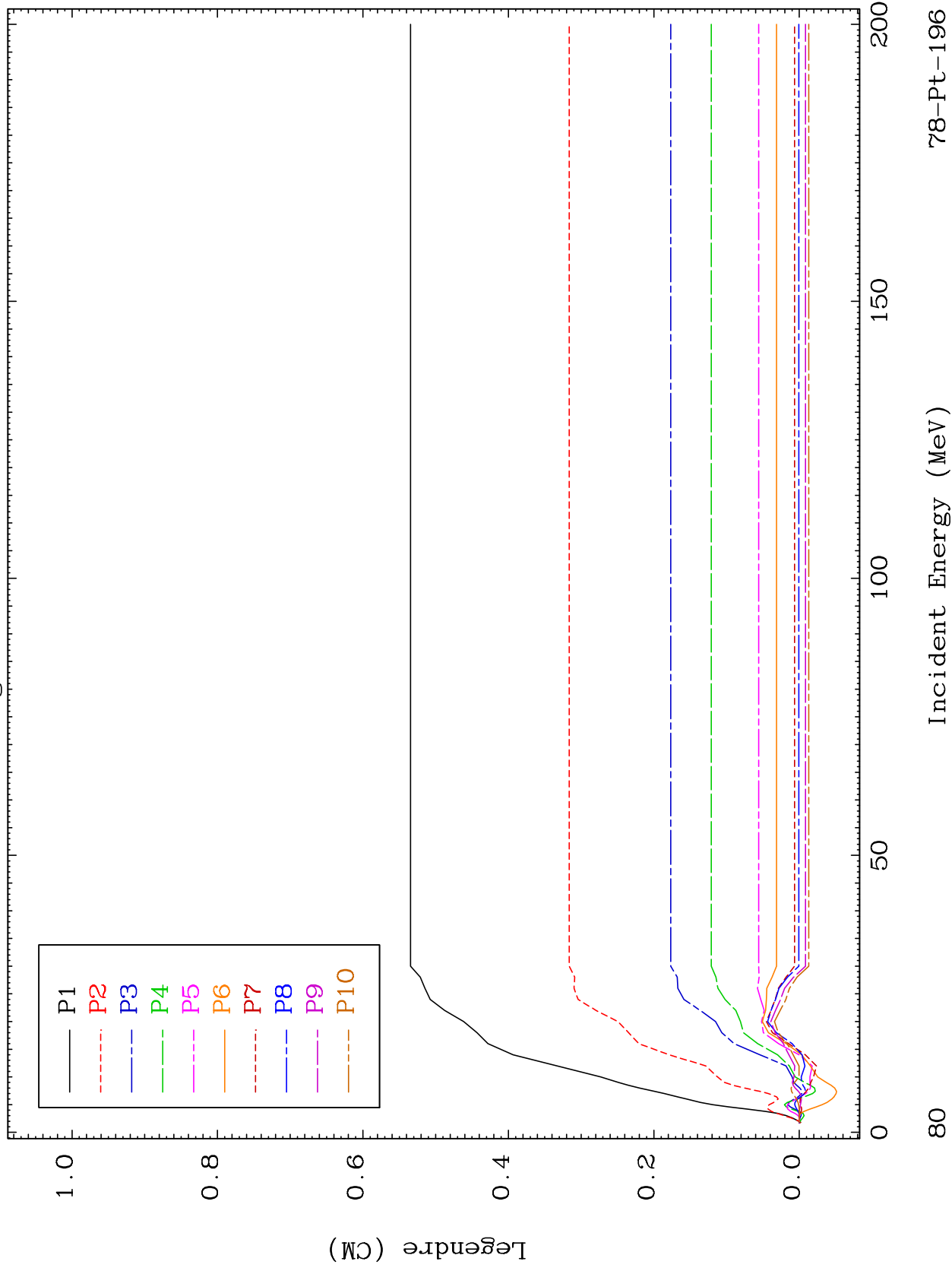




MAT 7843

1.677 MeV (n,n') Level  
Legendre Coefficients

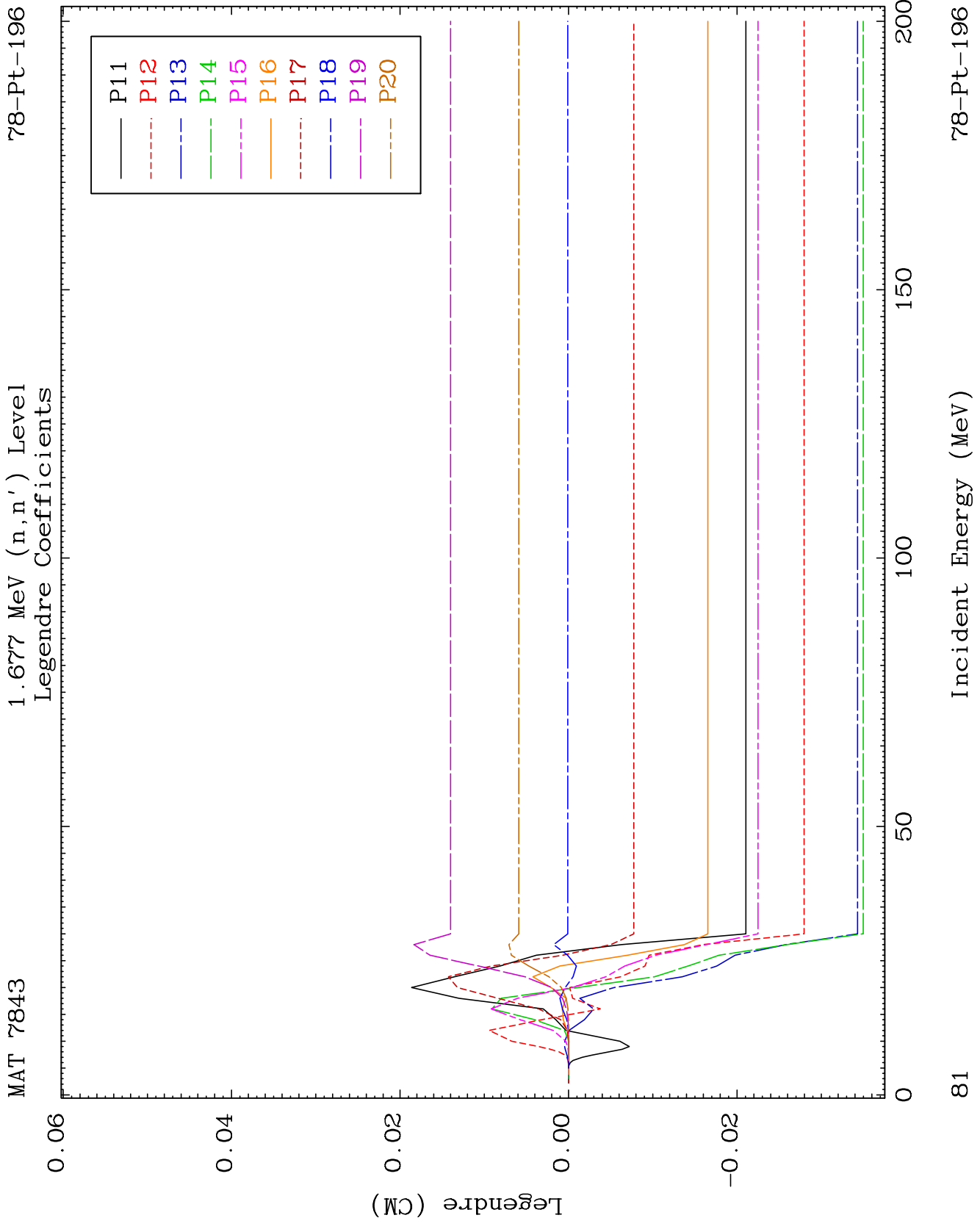
78-Pt-196



78-Pt-196

Incident Energy (MeV)

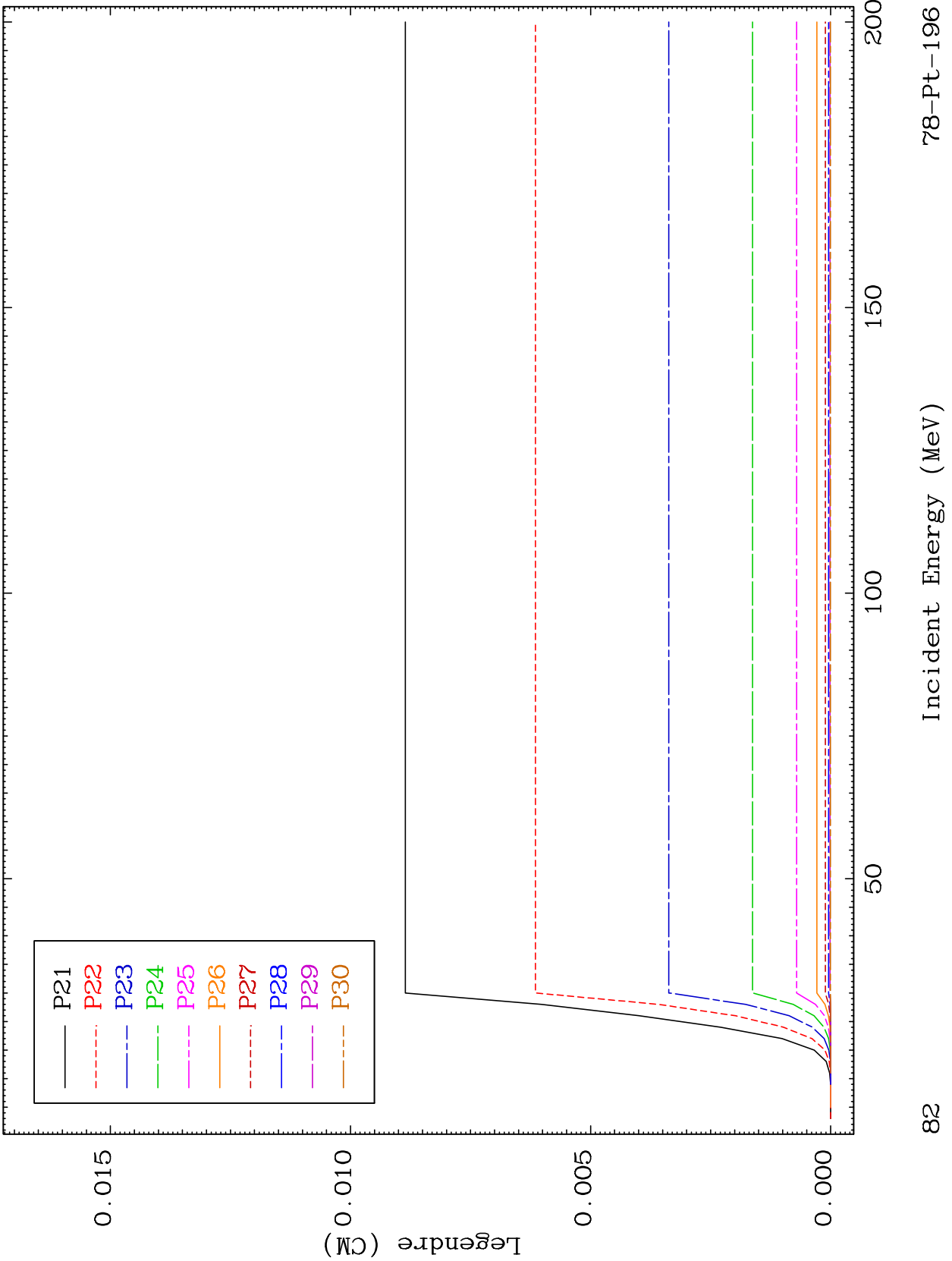
80



MAT 7843

1.677 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



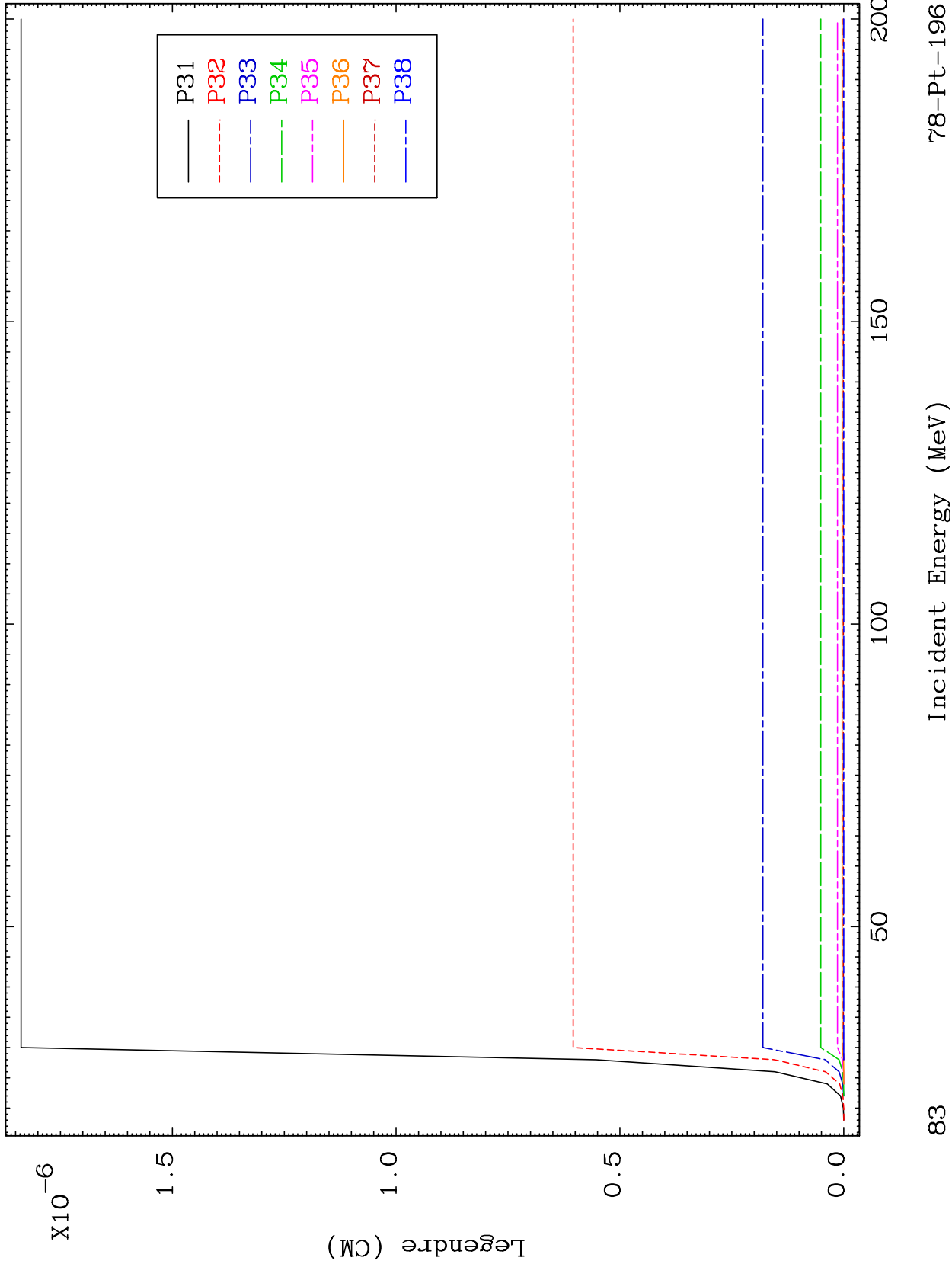
82

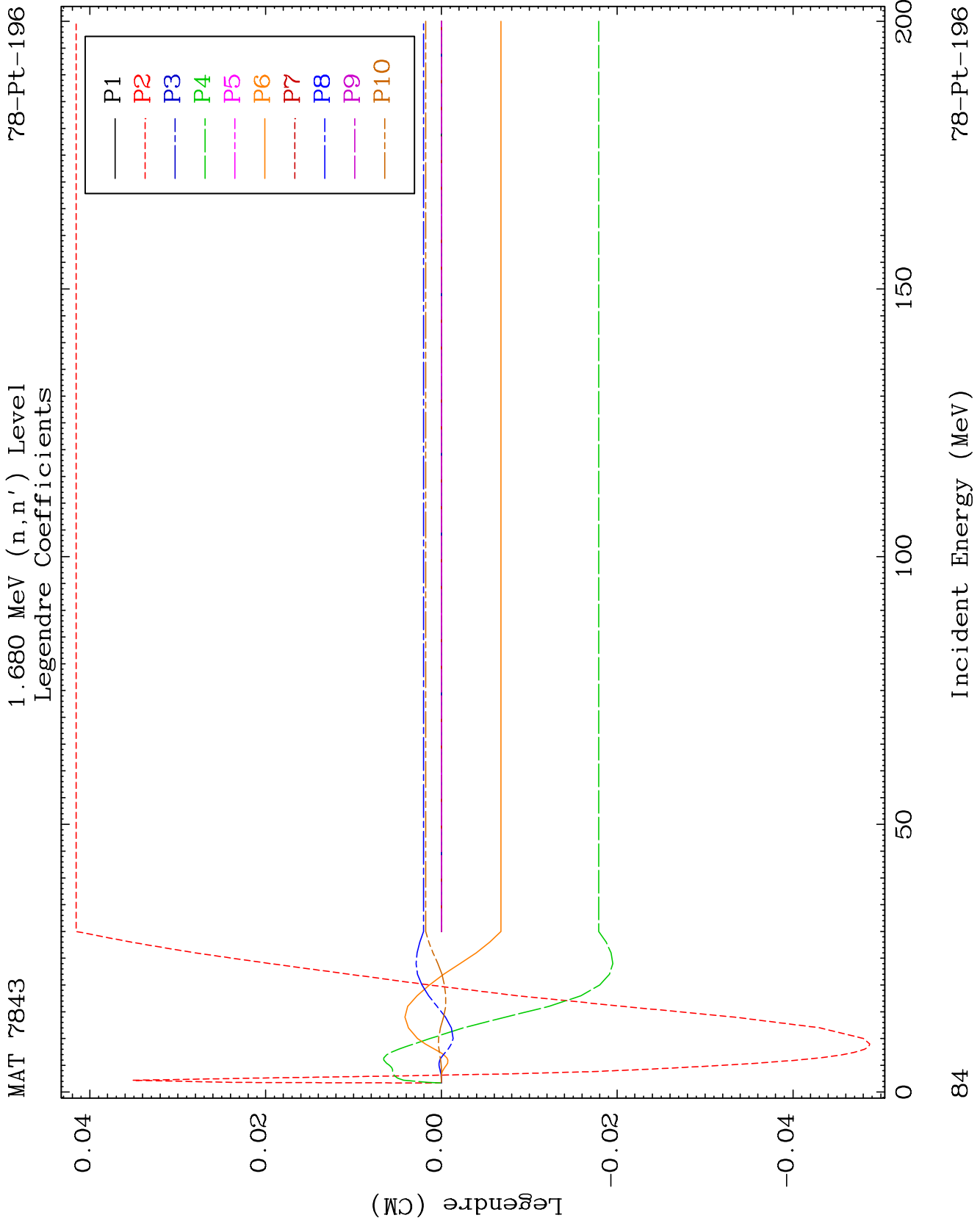
78-Pt-196

MAT 7843

1.677 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196

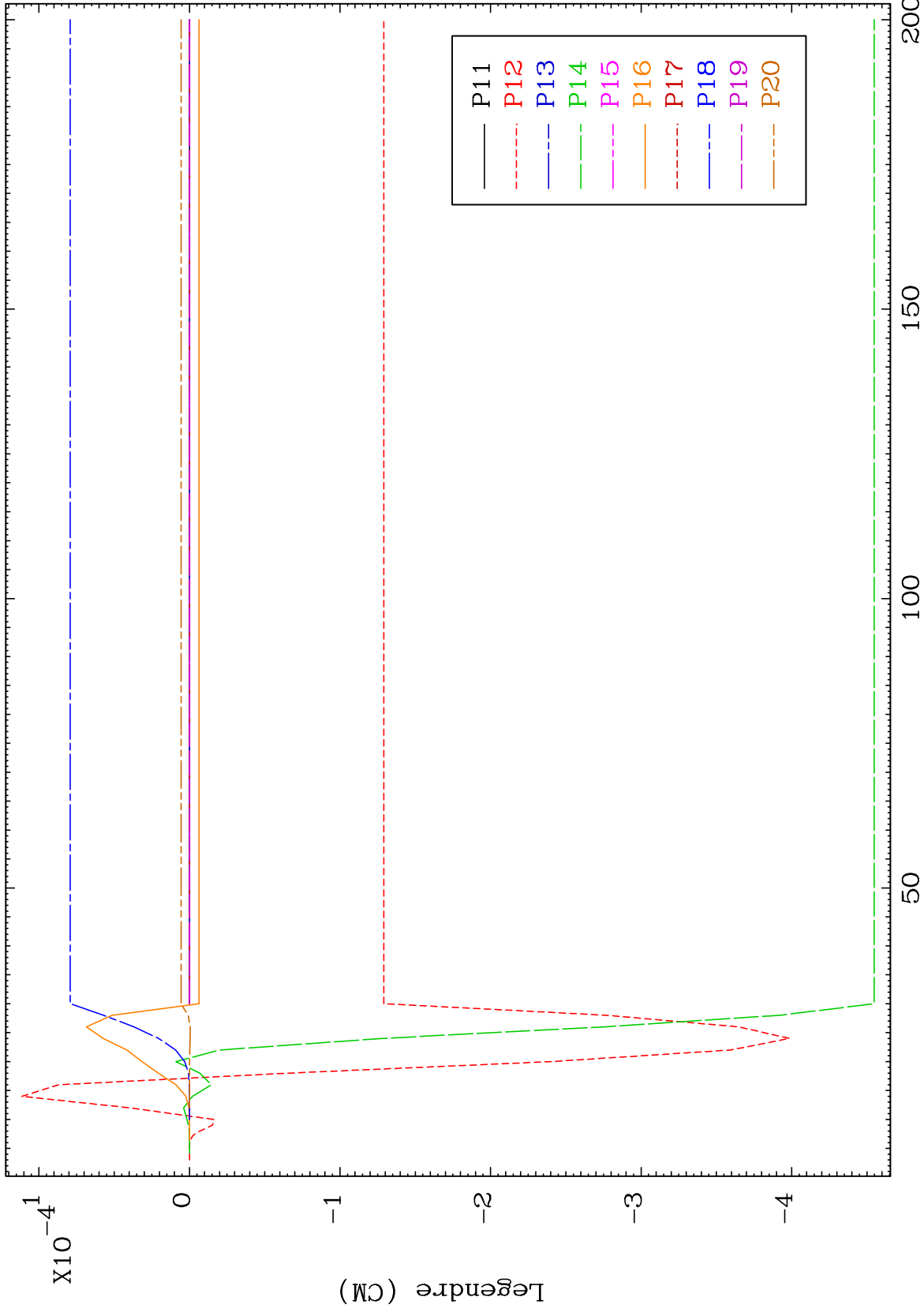




MAT 7843

1.680 MeV (n,n') Level  
Legendre Coefficients

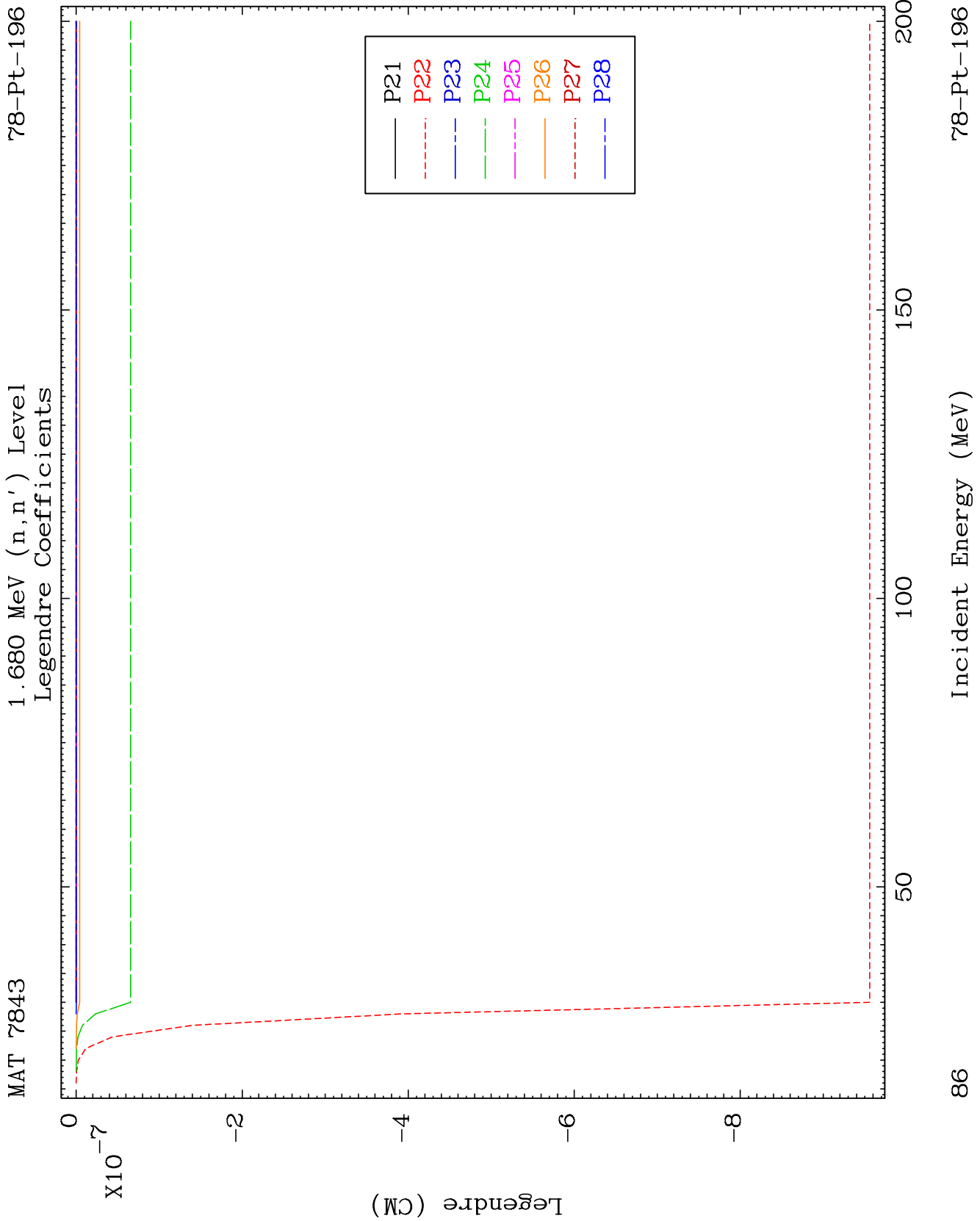
78-Pt-196



85

Incident Energy (MeV)

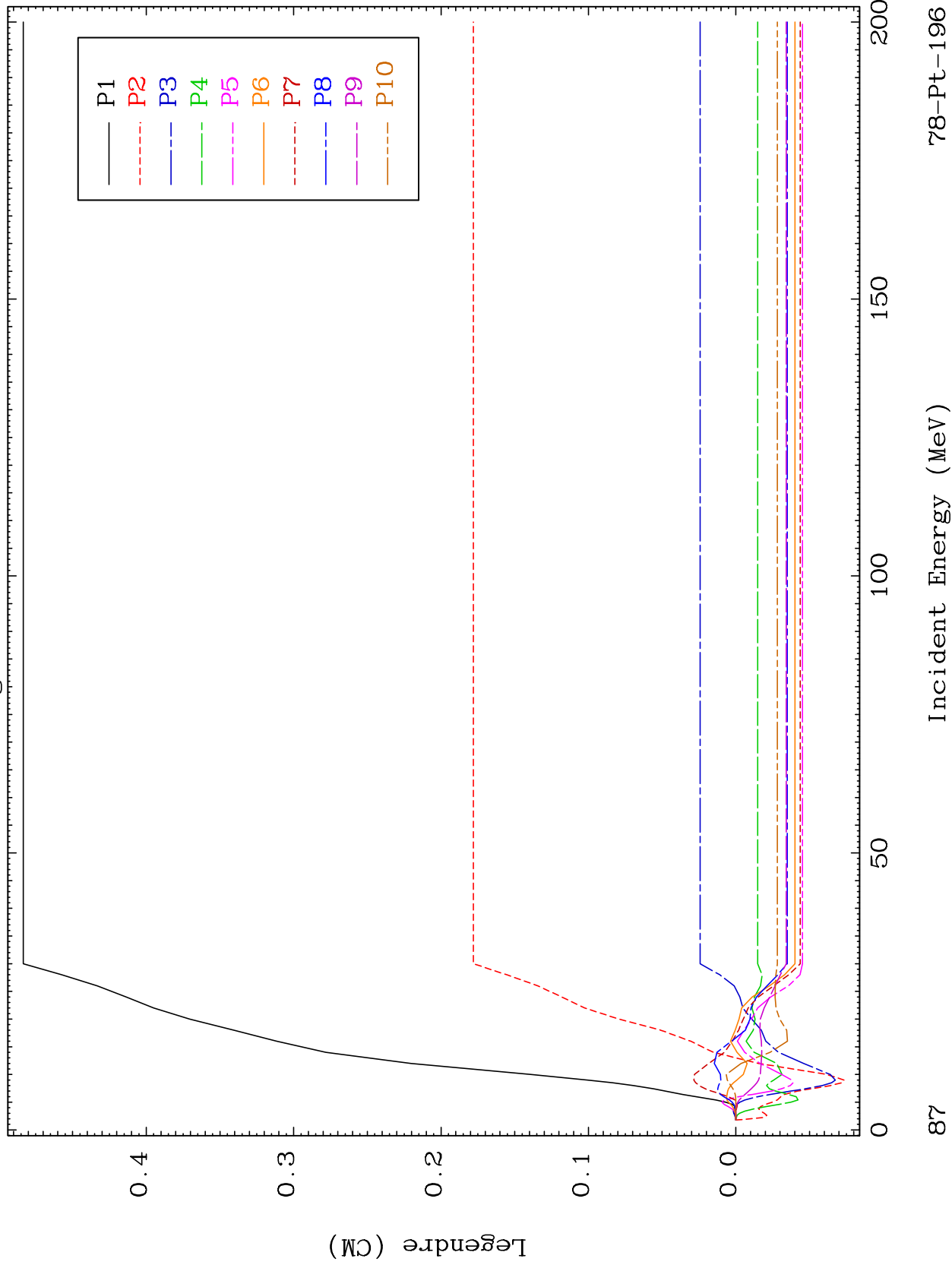
78-Pt-196



MAT 7843

1.755 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



78-Pt-196

Incident Energy (MeV)

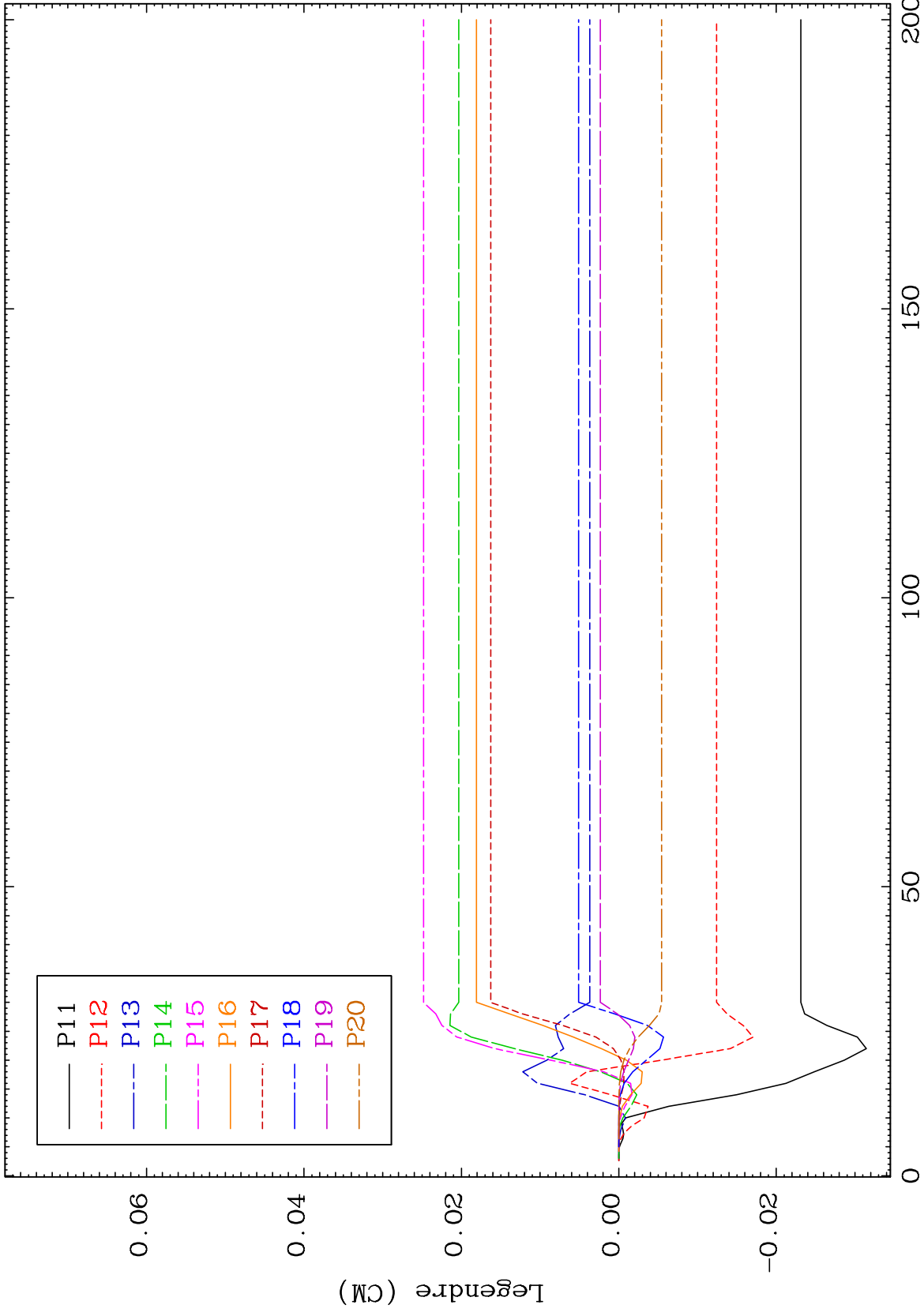
87



MAT 7843

1.755 MeV (n,n') Level  
Legendre Coefficients

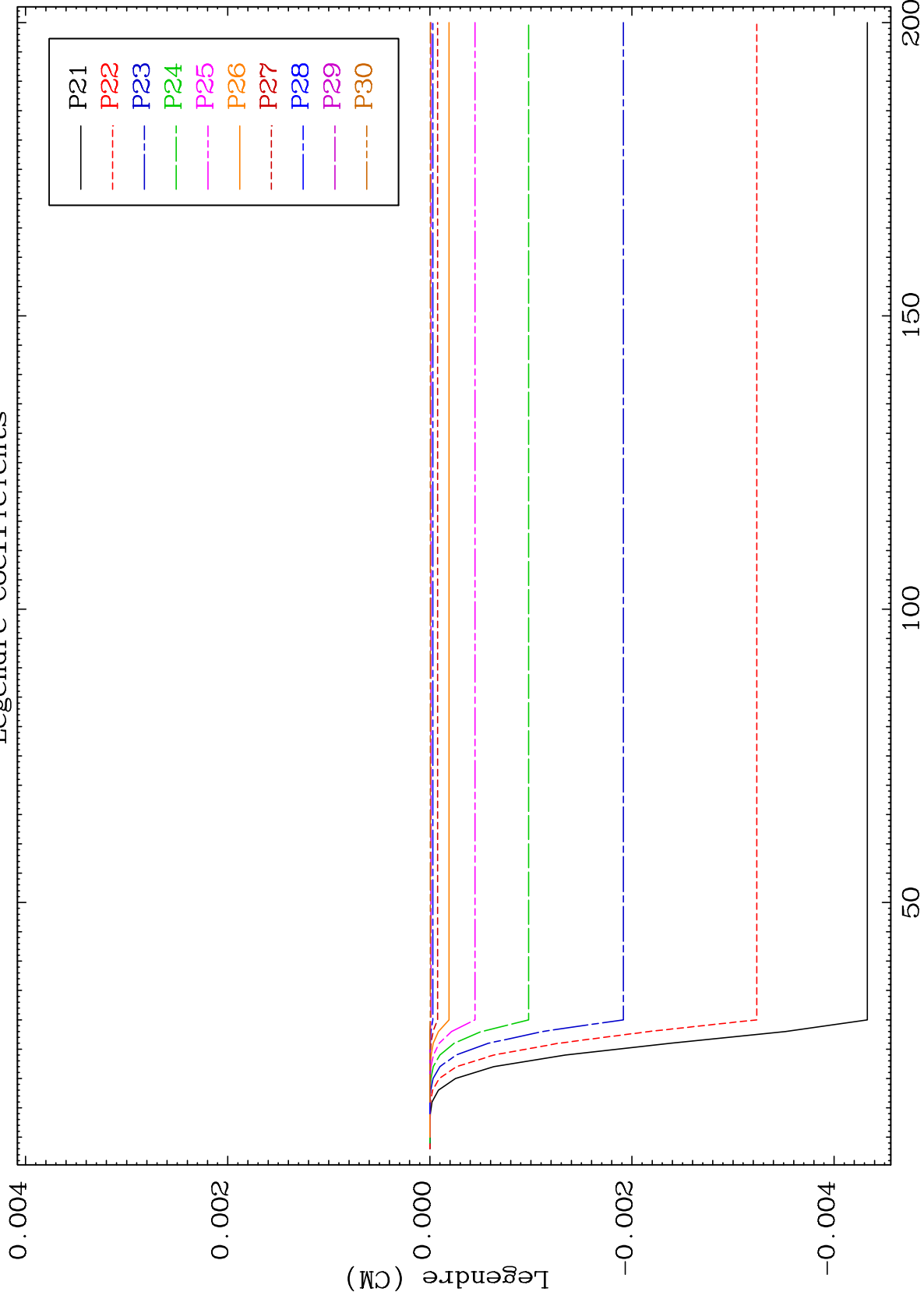
78-Pt-196

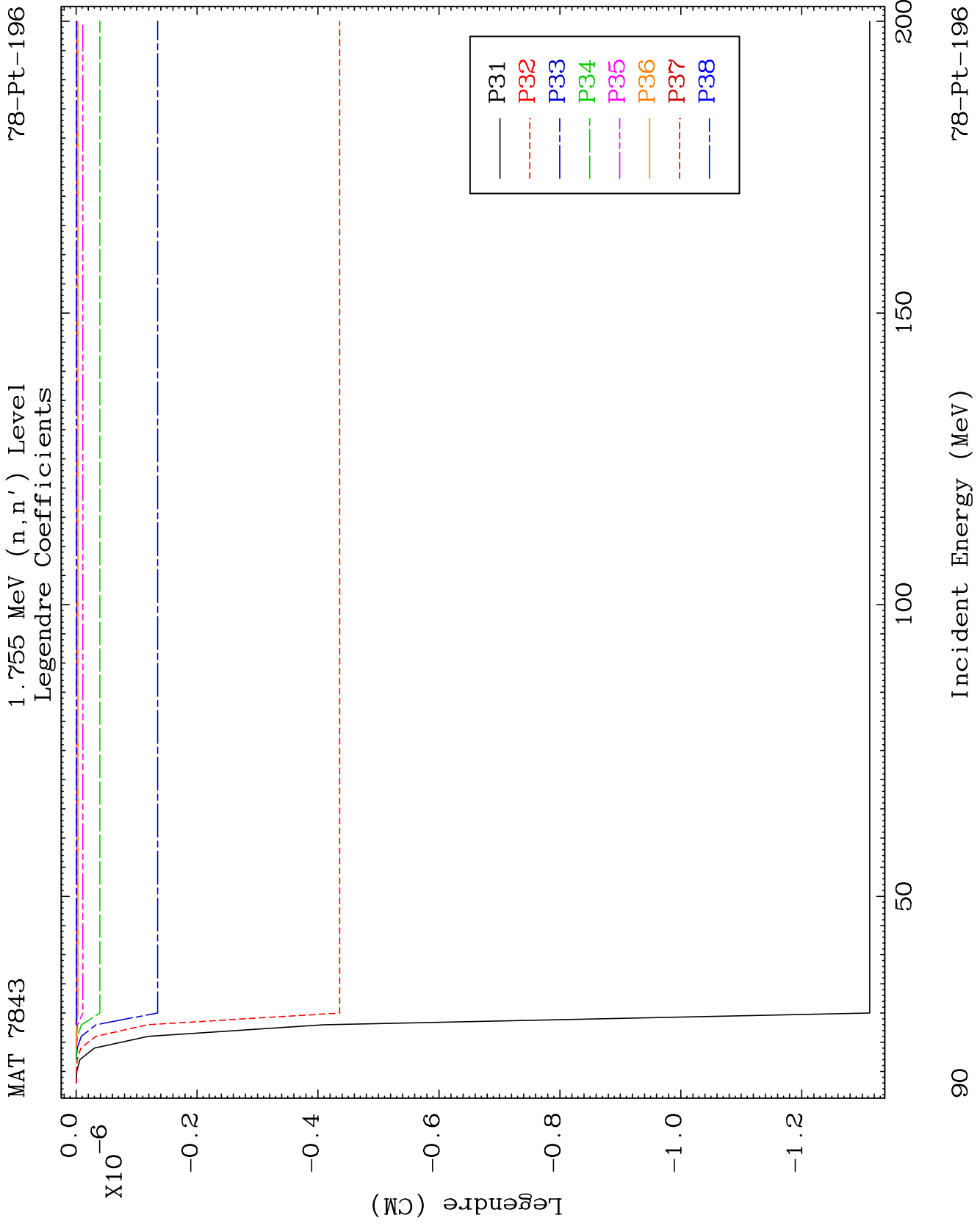


88

Incident Energy (MeV)

78-Pt-196

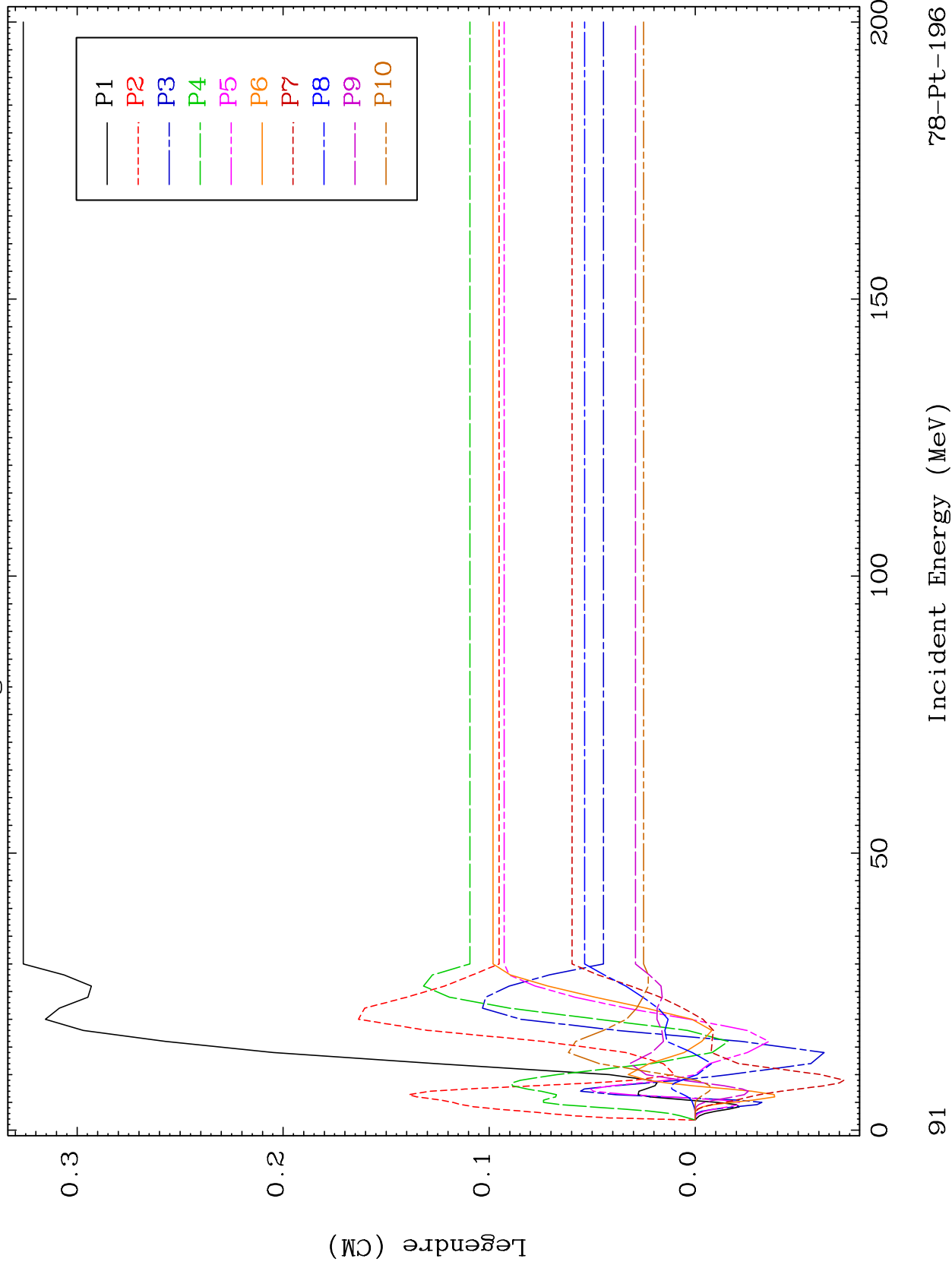




MAT 7843

1.795 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



91

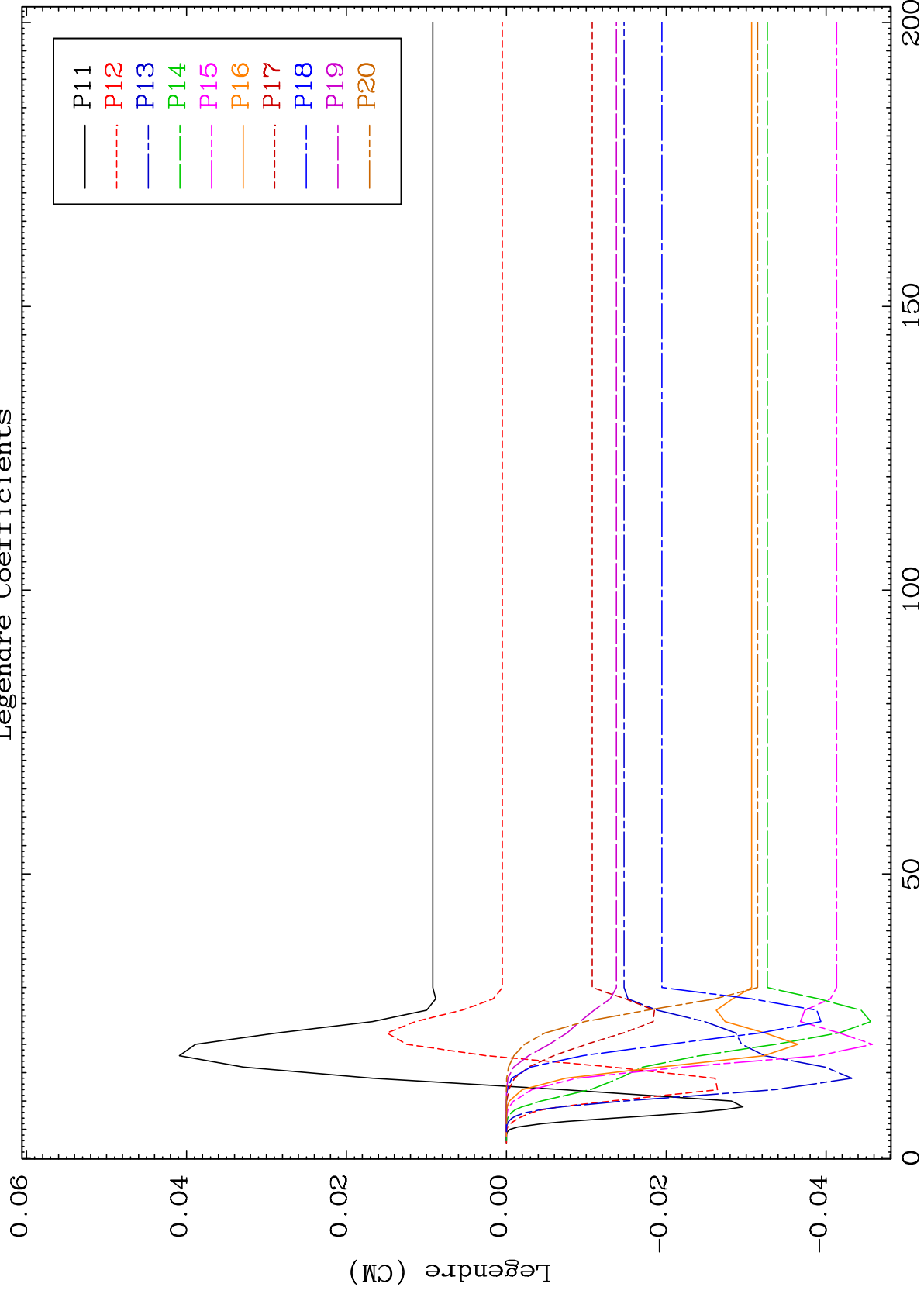
Incident Energy (MeV)

78-Pt-196

MAT 7843

1.795 MeV (n,n') Level  
Legendre Coefficients

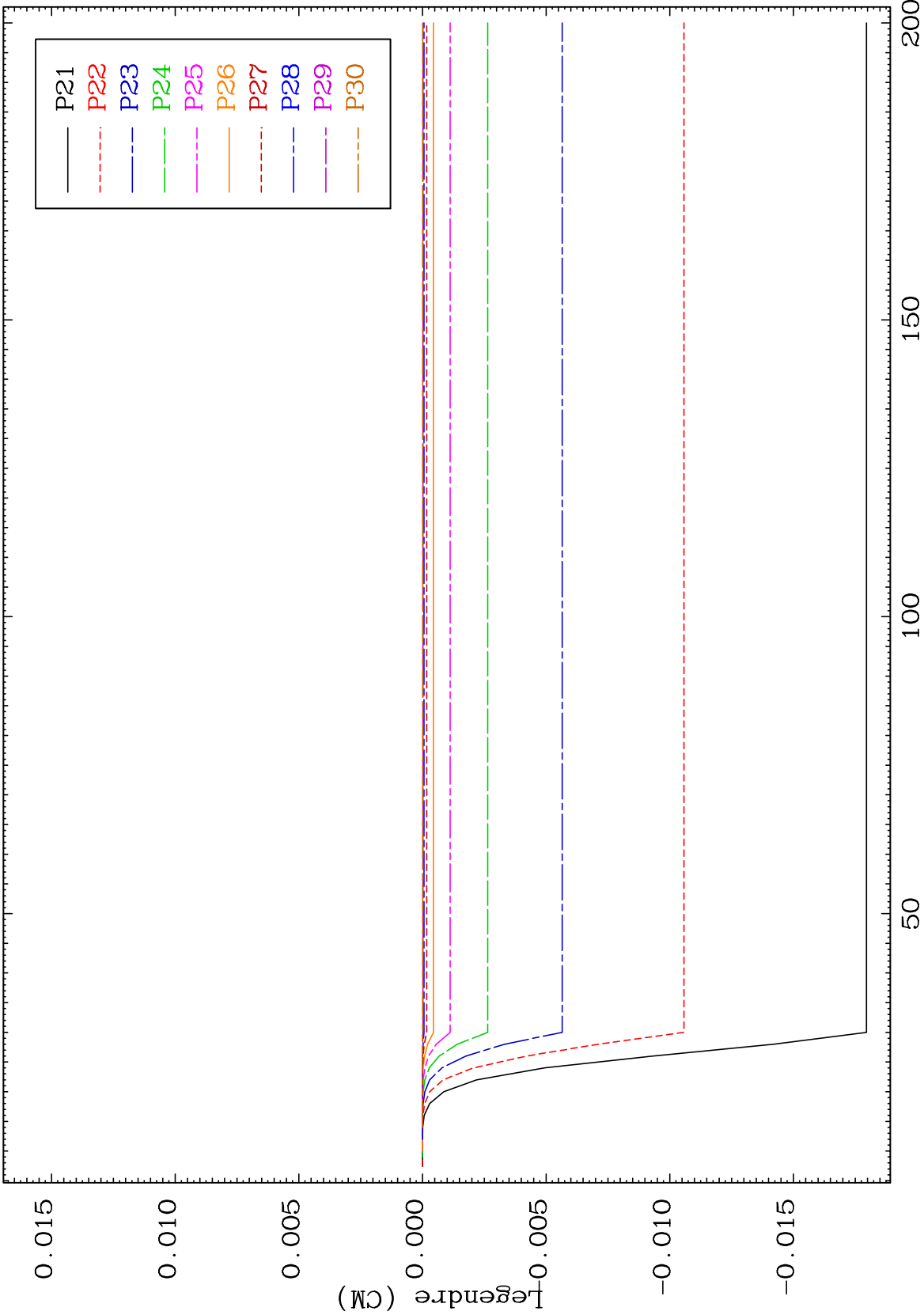
78-Pt-196

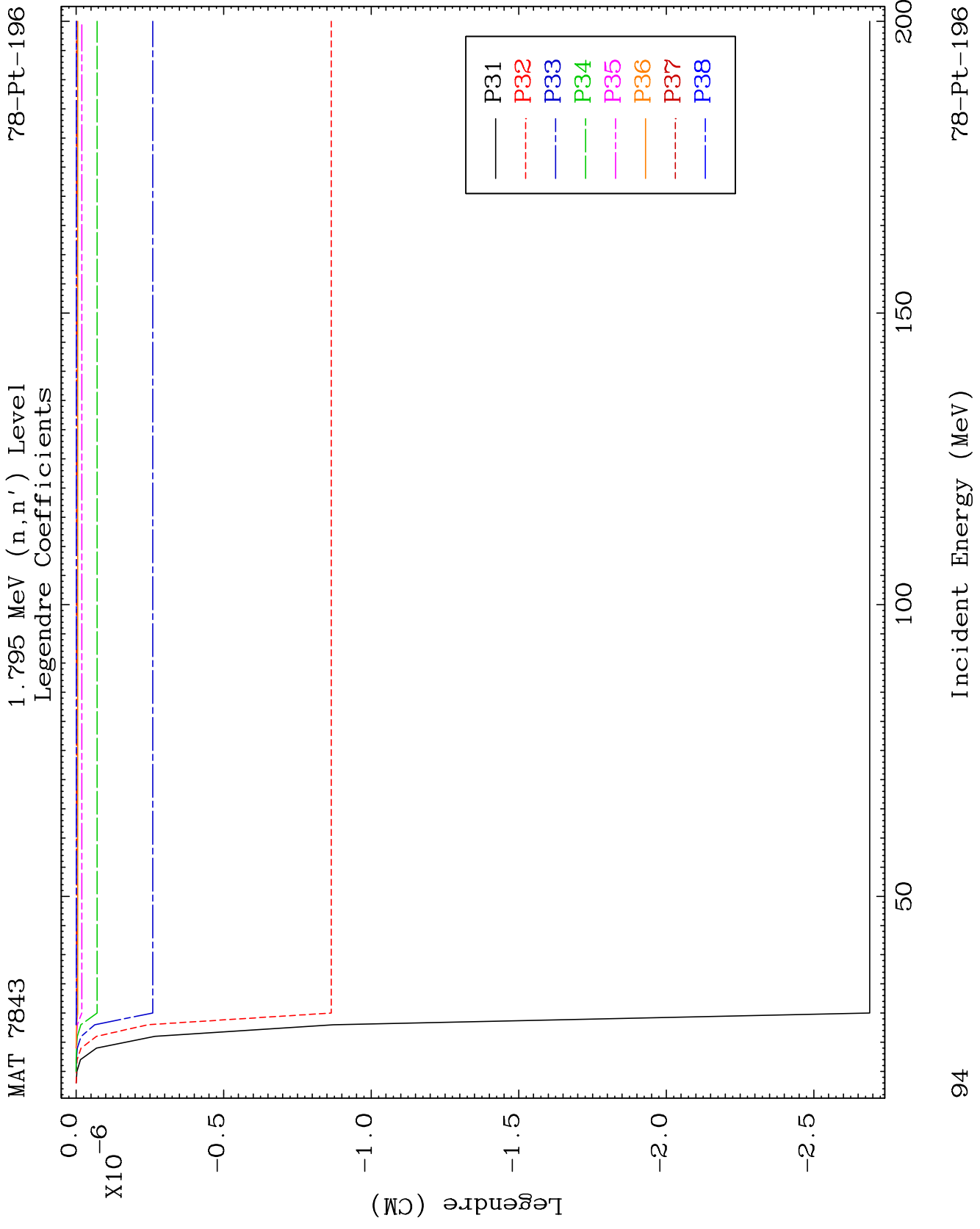


92

Incident Energy (MeV)

78-Pt-196

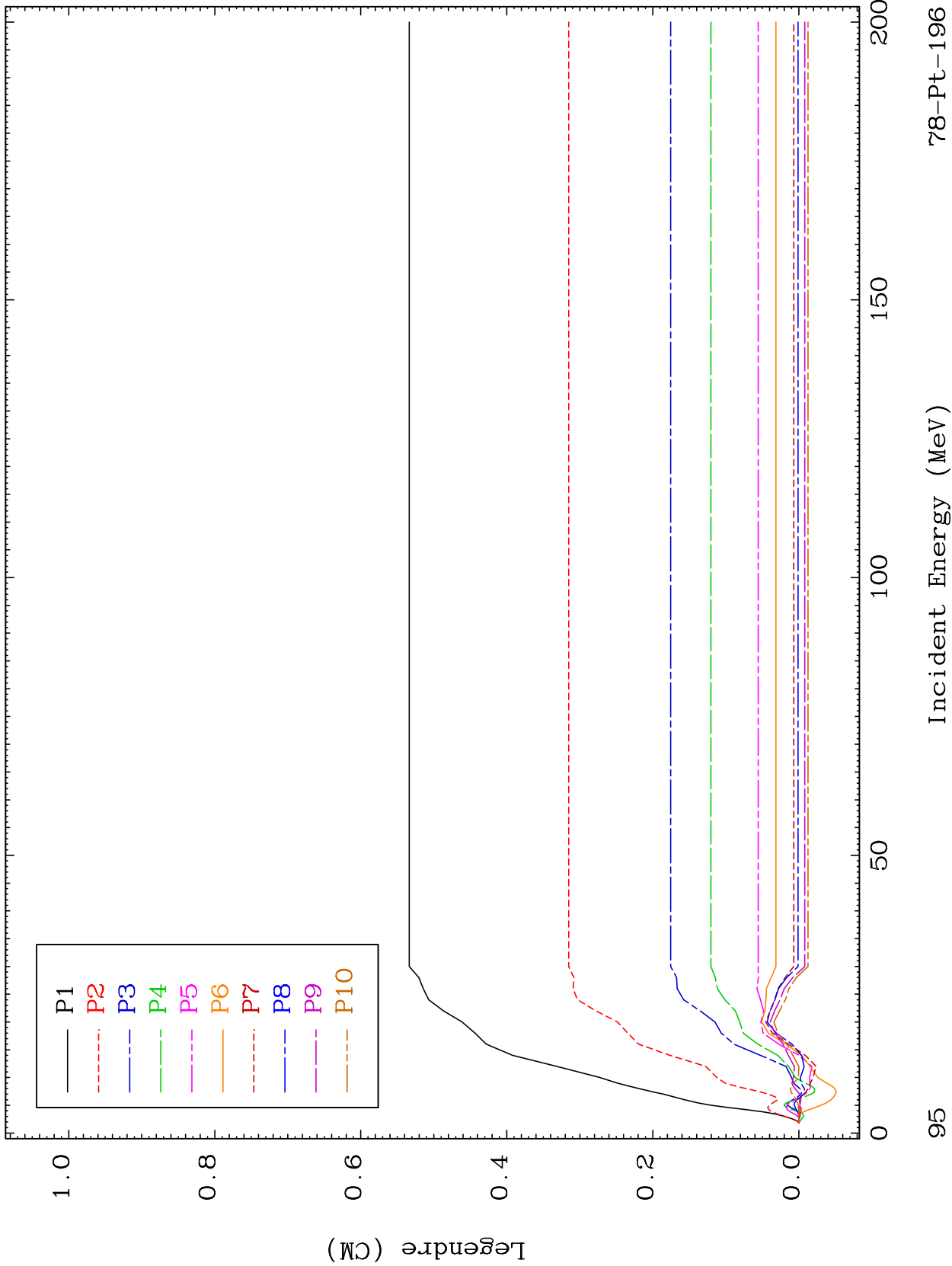




MAT 7843

1.802 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



78-Pt-196

Incident Energy (MeV)

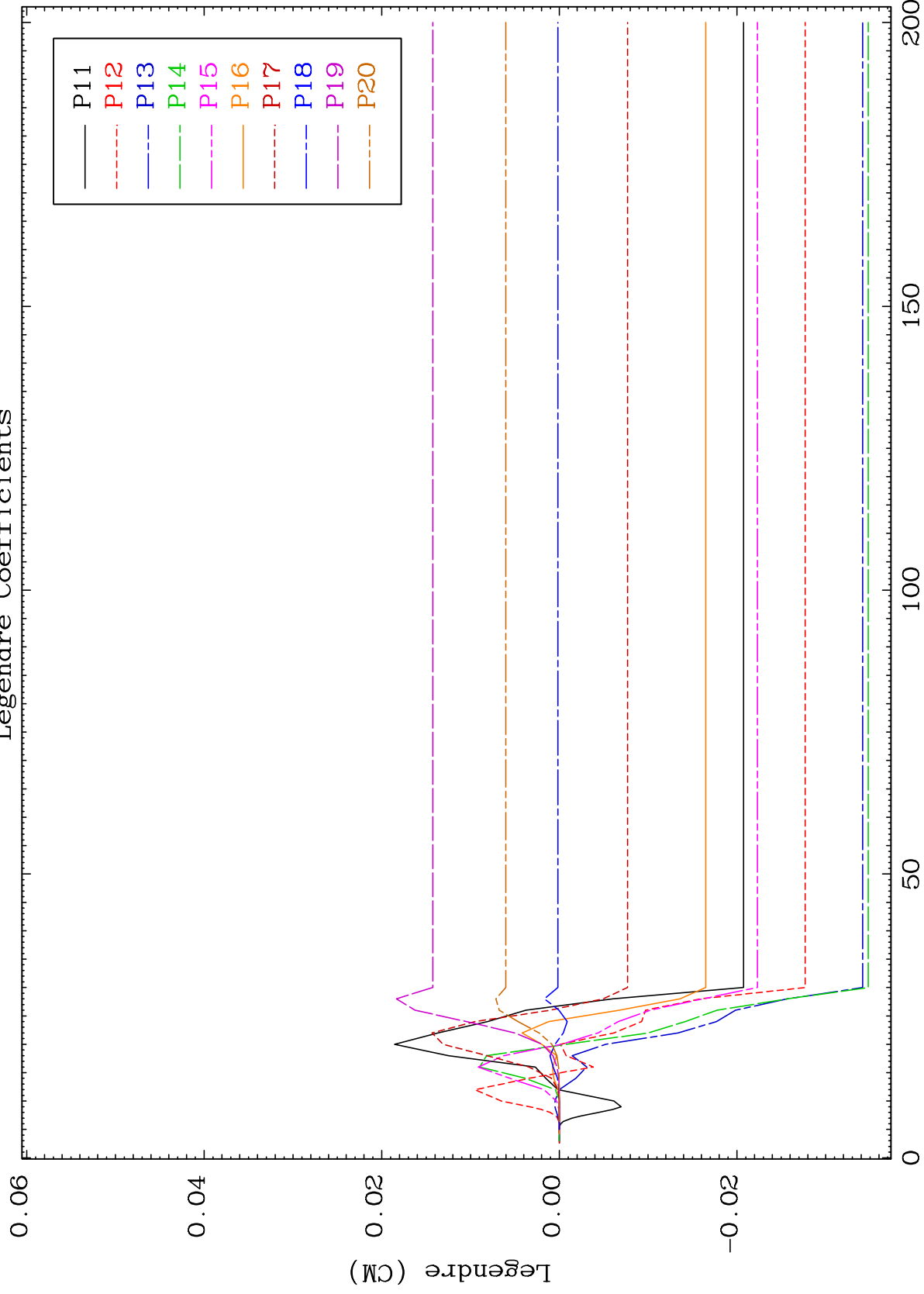
95



MAT 7843

1.802 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



96

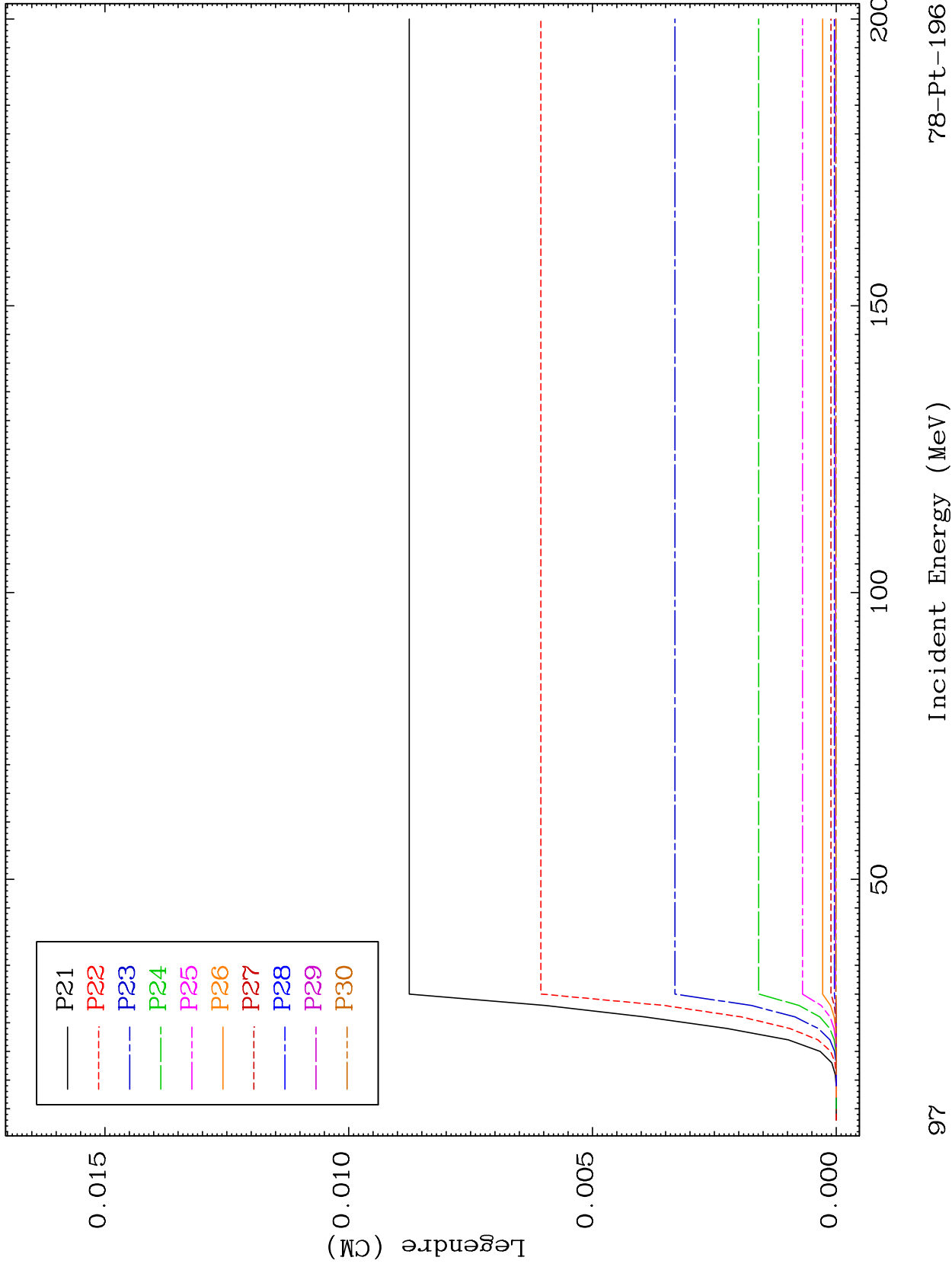
Incident Energy (MeV)

78-Pt-196

MAT 7843

1.802 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



97

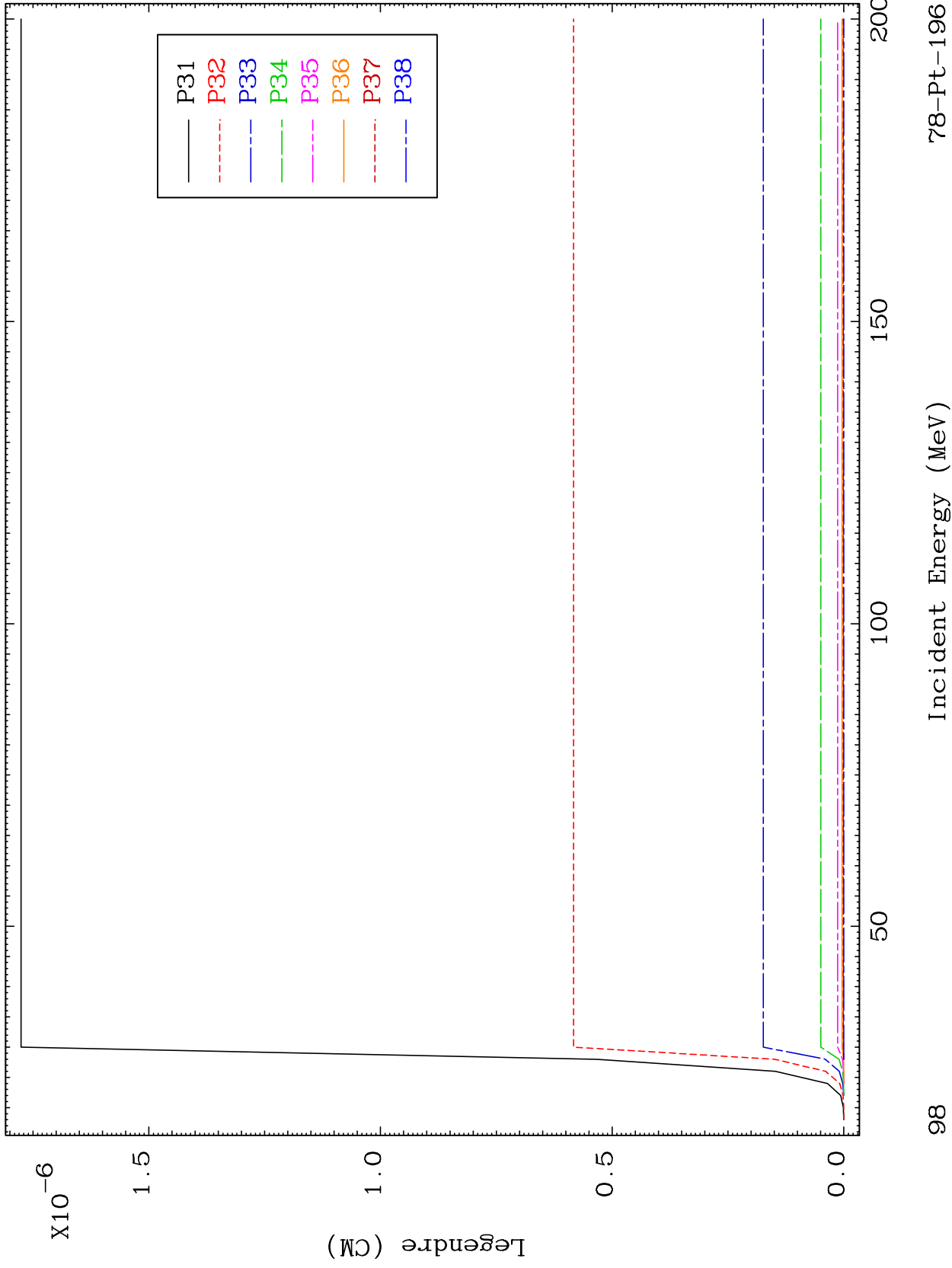
Incident Energy (MeV)

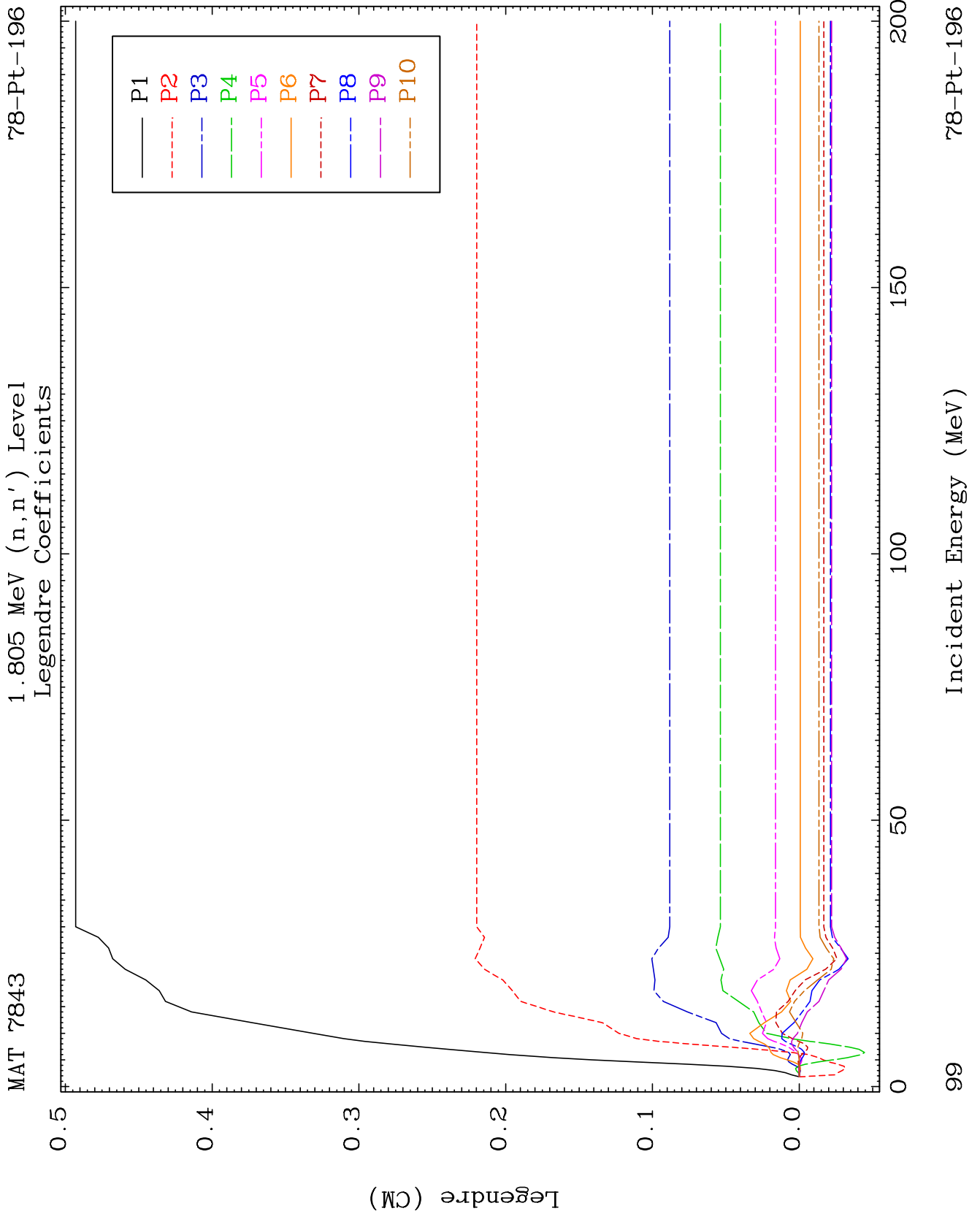
78-Pt-196

MAT 7843

1.802 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196

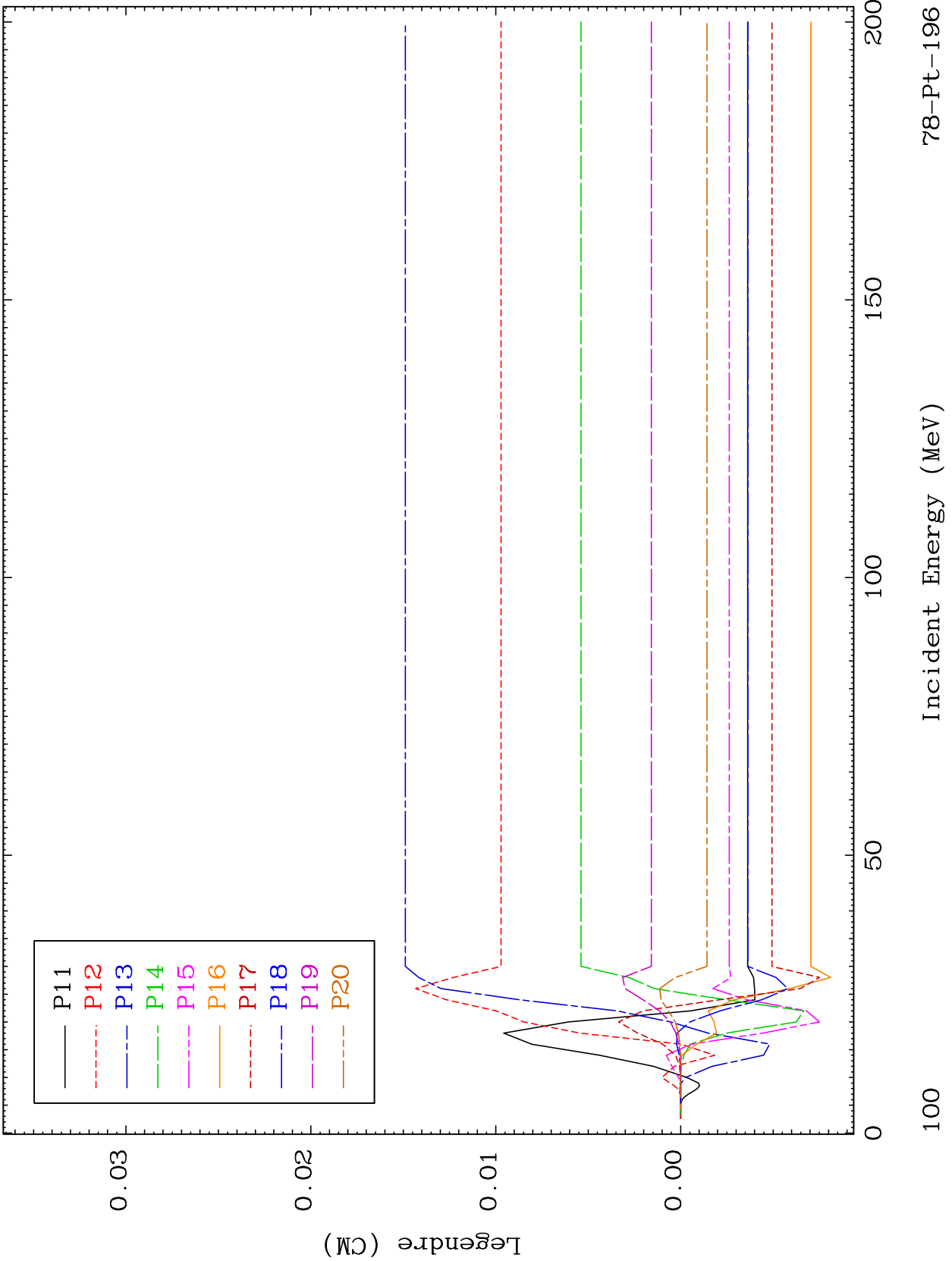




MAT 7843

1.805 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196

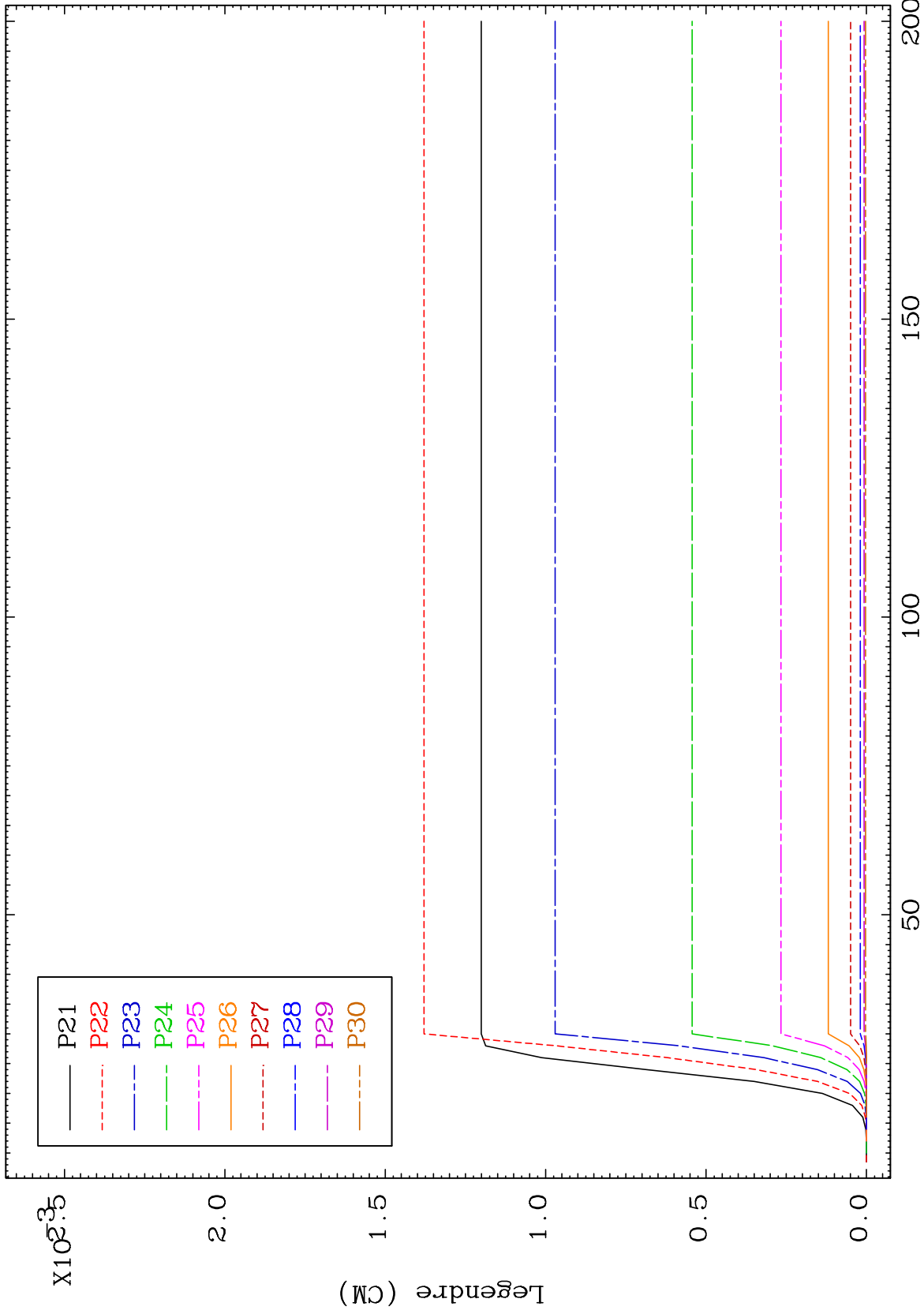


78-Pt-196

MAT 7843

1.805 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



101

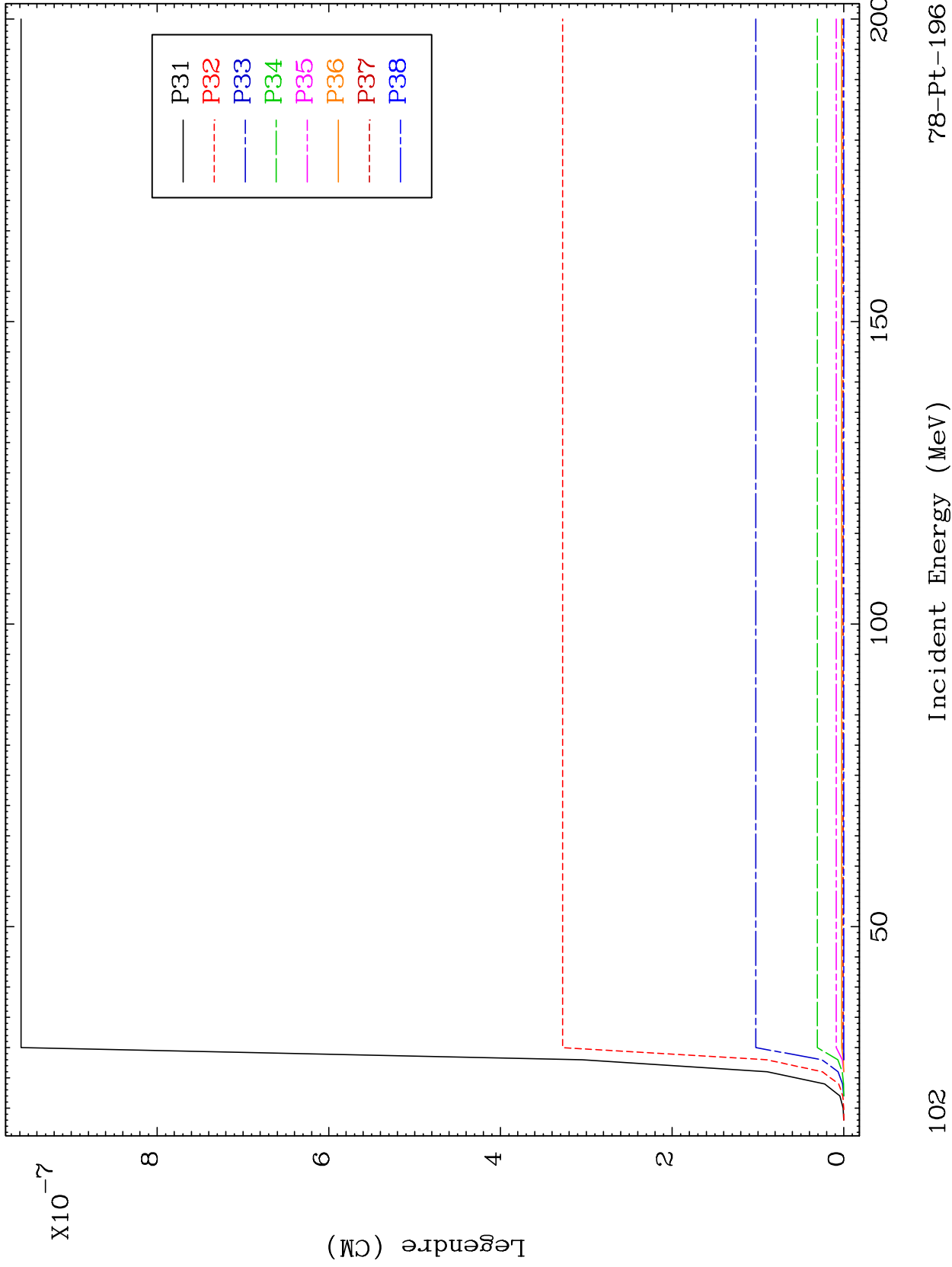
Incident Energy (MeV)

78-Pt-196

MAT 7843

1.805 MeV (n,n') Level  
Legendre Coefficients

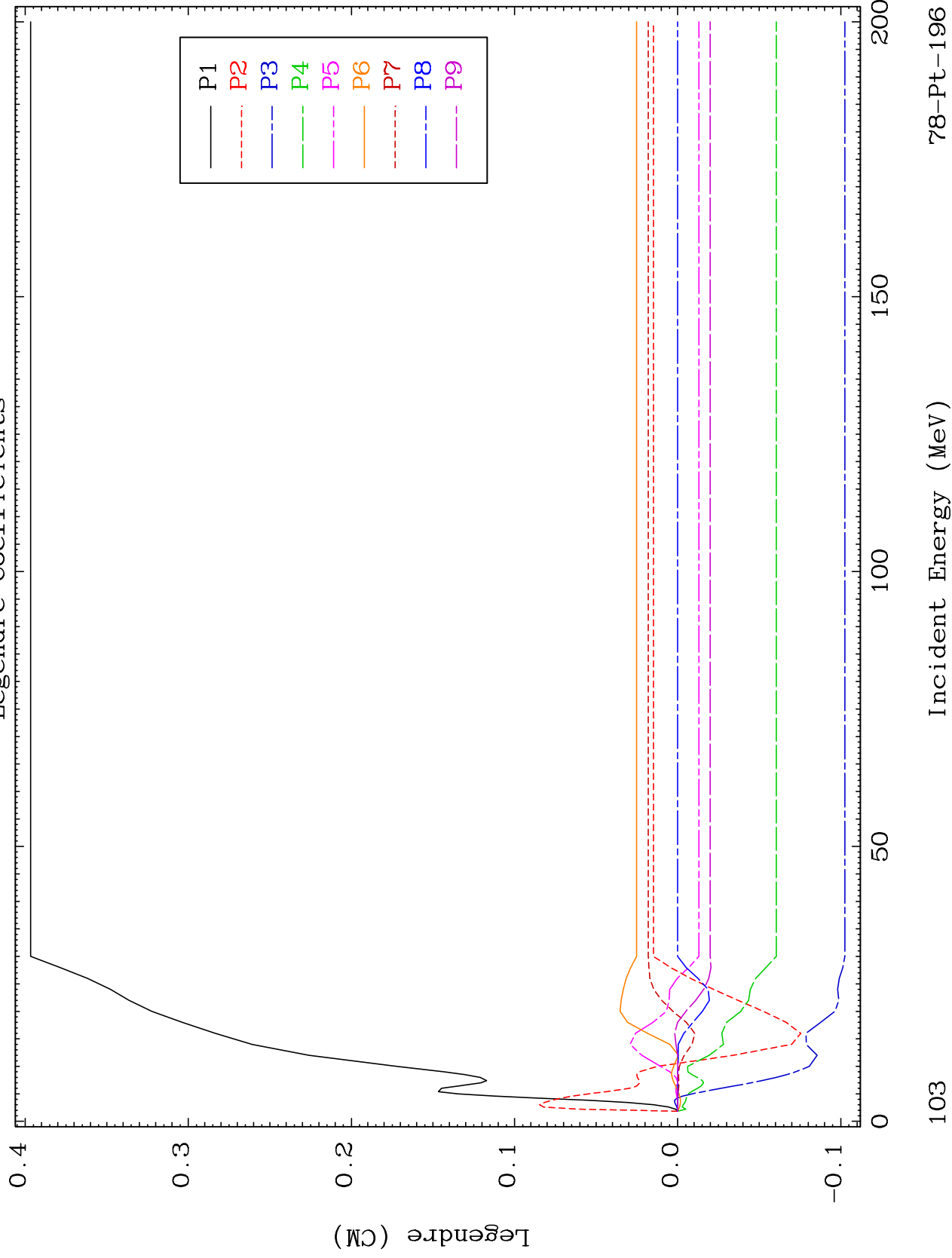
78-Pt-196



MAT 7843

1.821 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



78-Pt-196

Incident Energy (MeV)

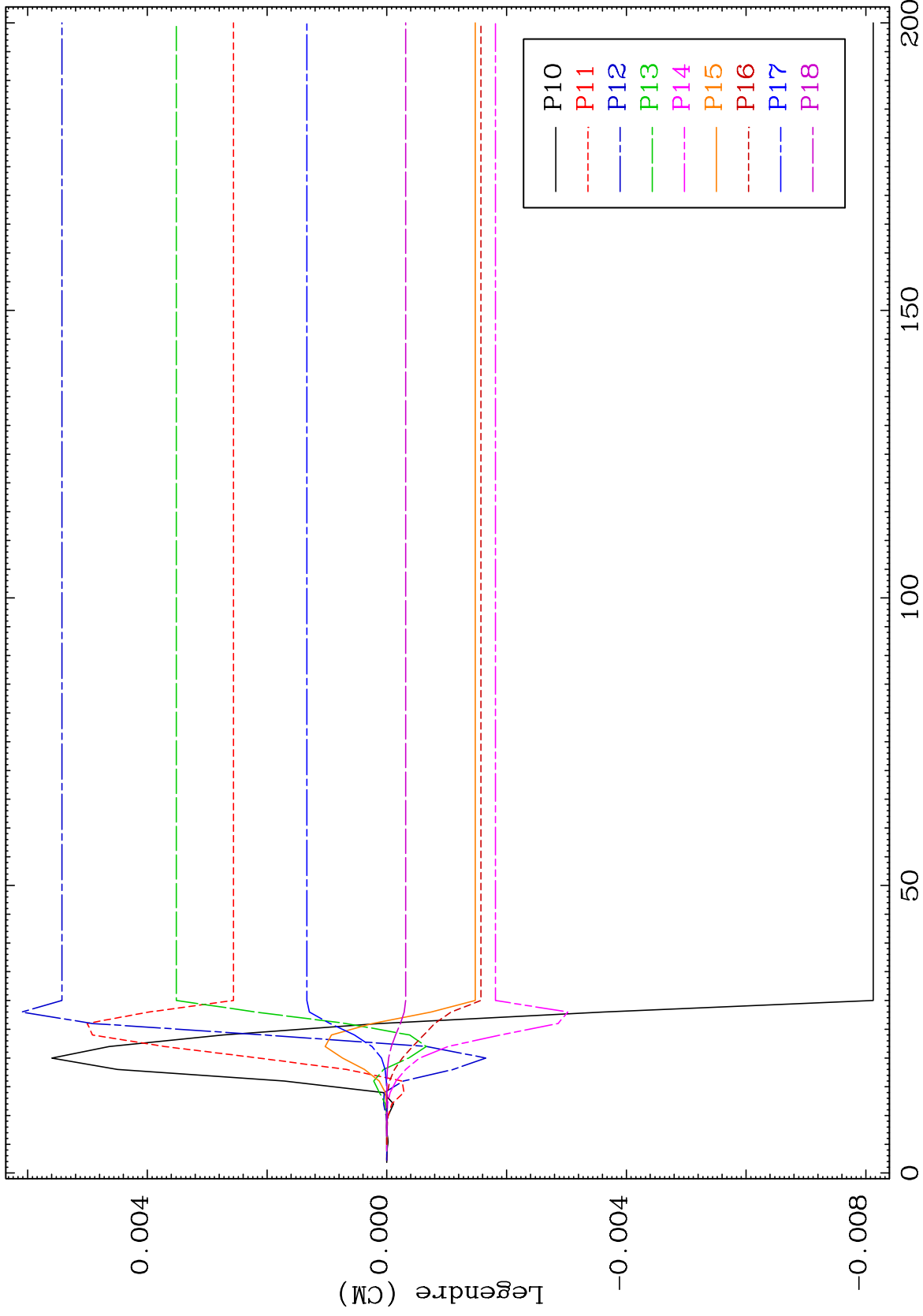
103



MAT 7843

1.821 MeV (n,n') Level  
Legendre Coefficients

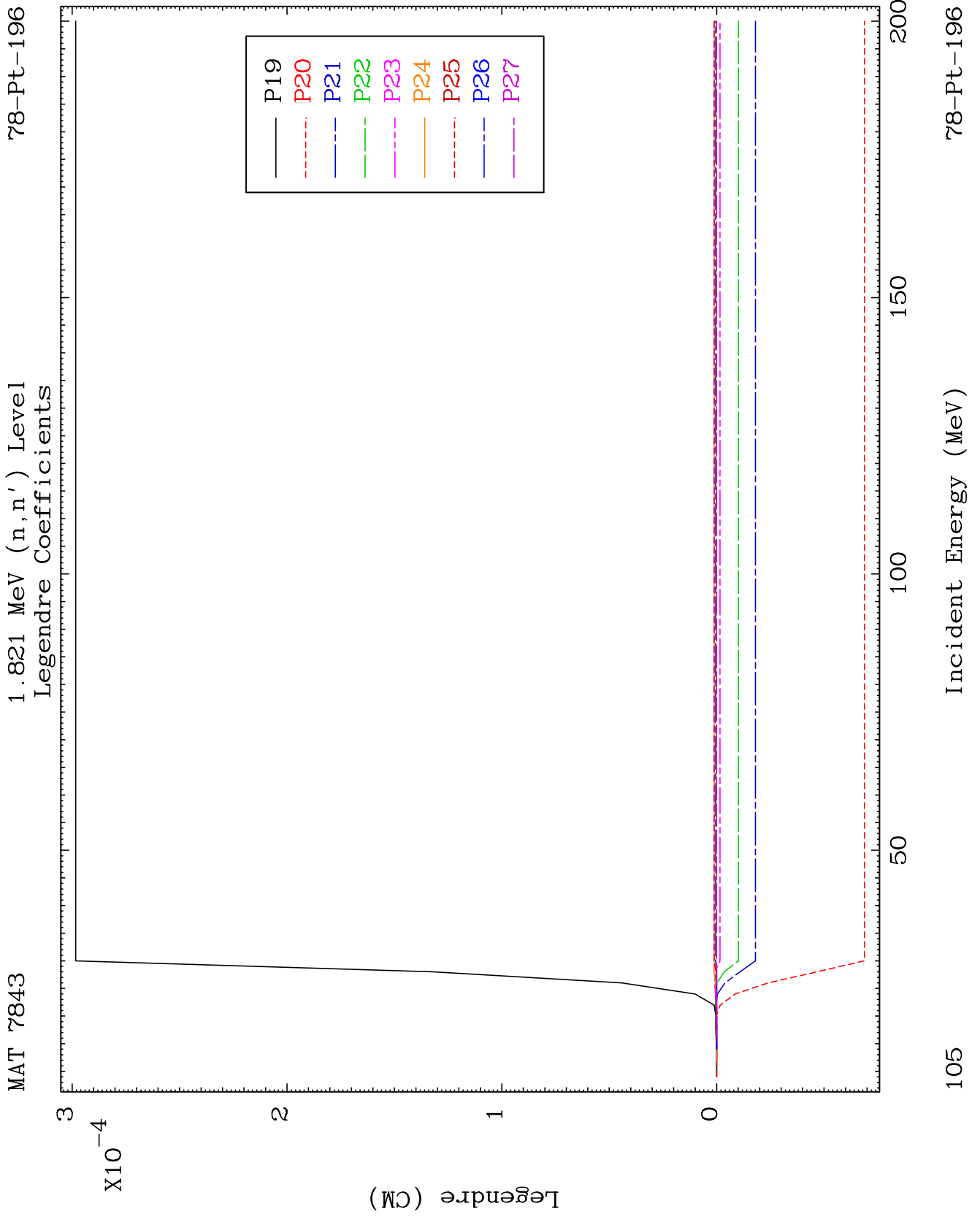
78-Pt-196



104

Incident Energy (MeV)

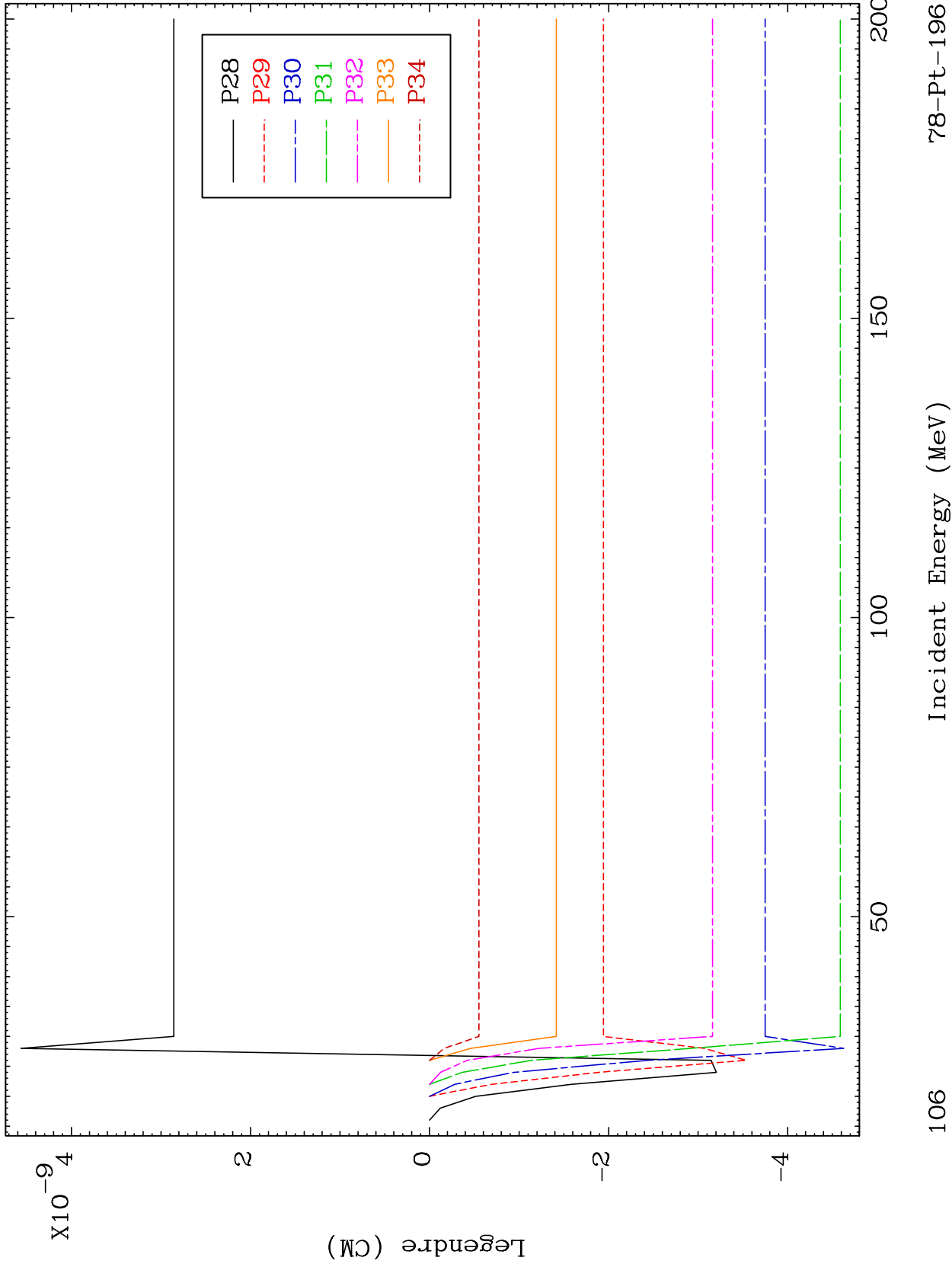
78-Pt-196



MAT 7843

1.821 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



106

Incident Energy (MeV)

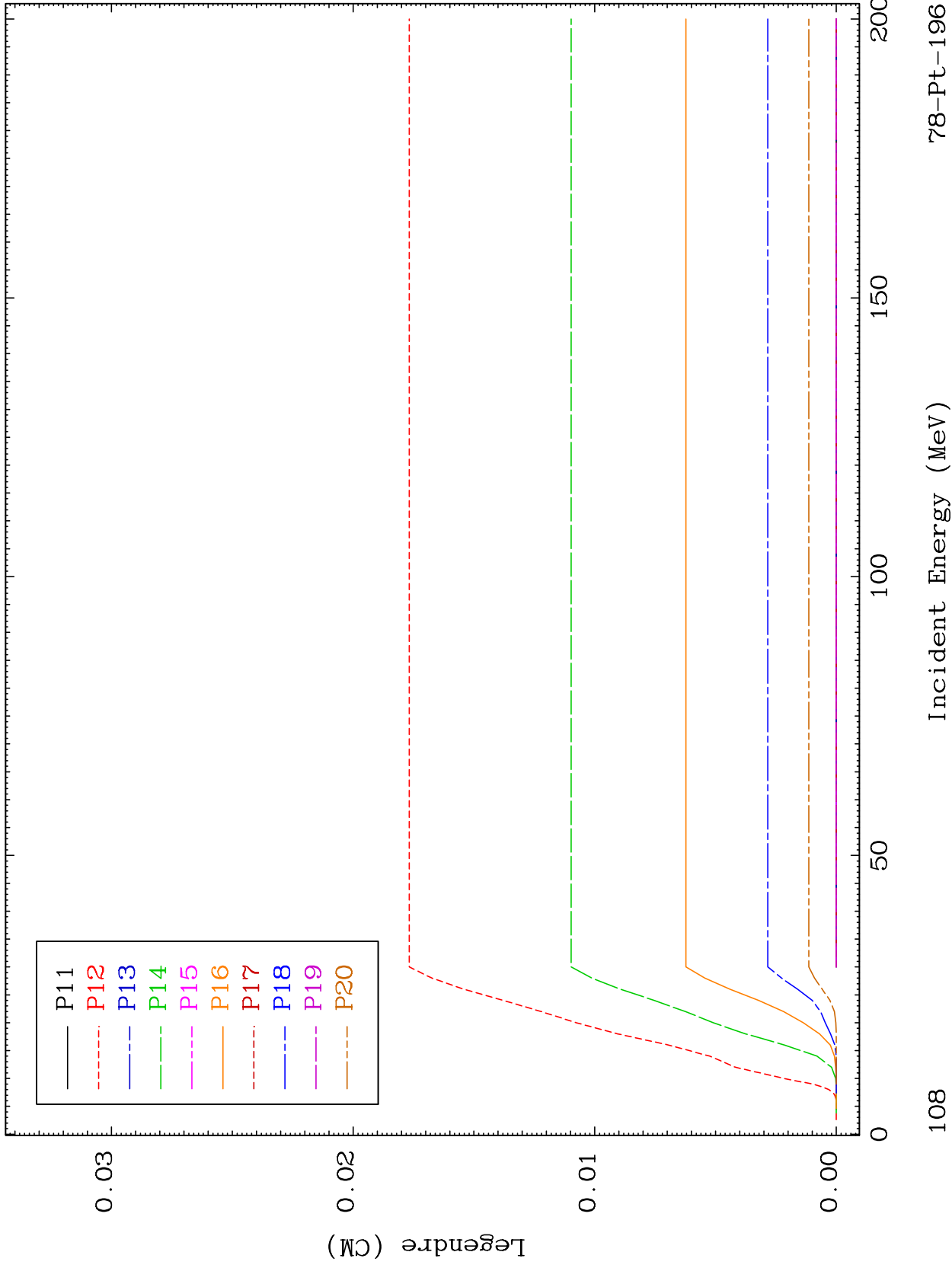
78-Pt-196



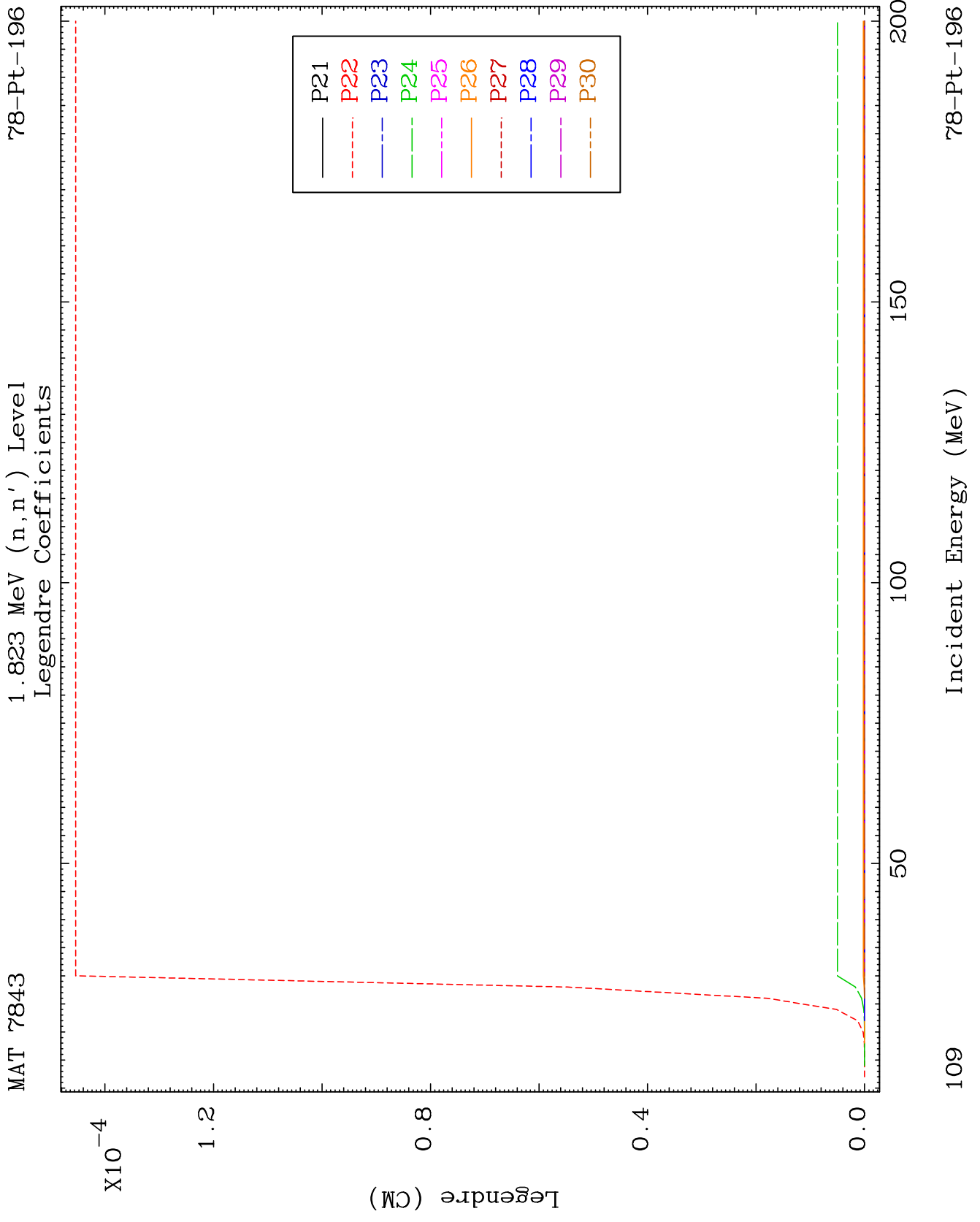
MAT 7843

1.823 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



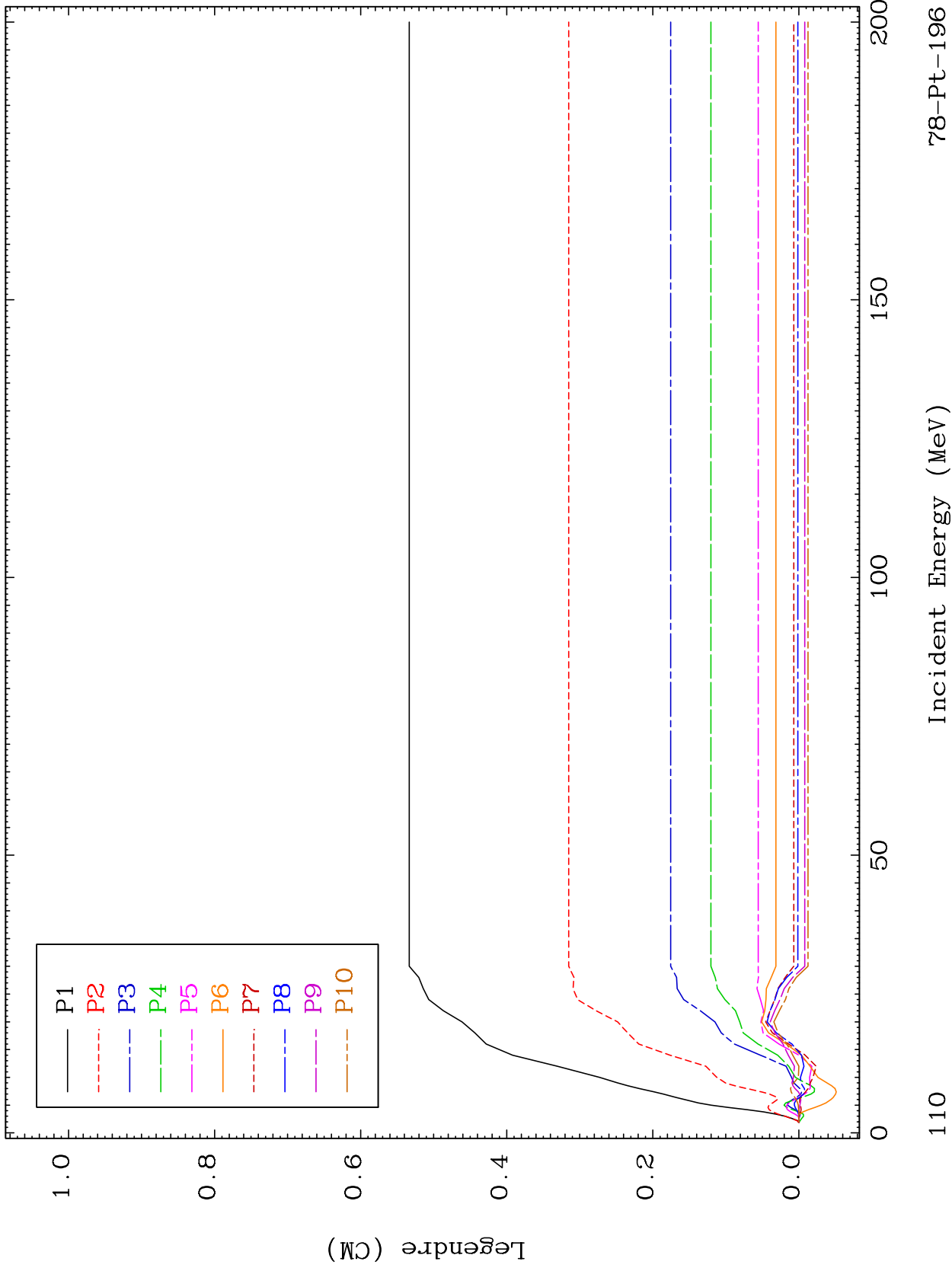
108



MAT 7843

1.826 MeV (n,n') Level  
Legendre Coefficients

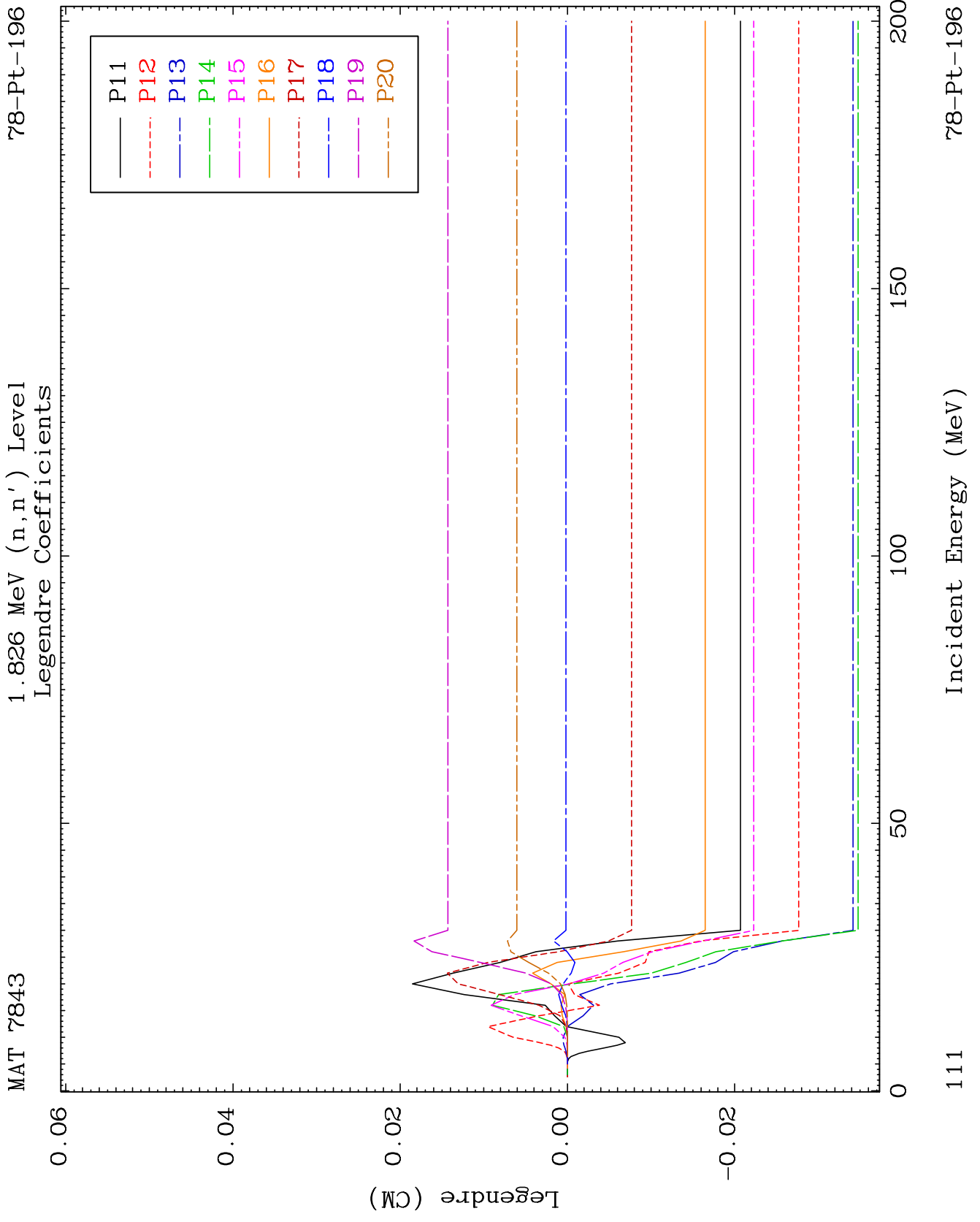
78-Pt-196



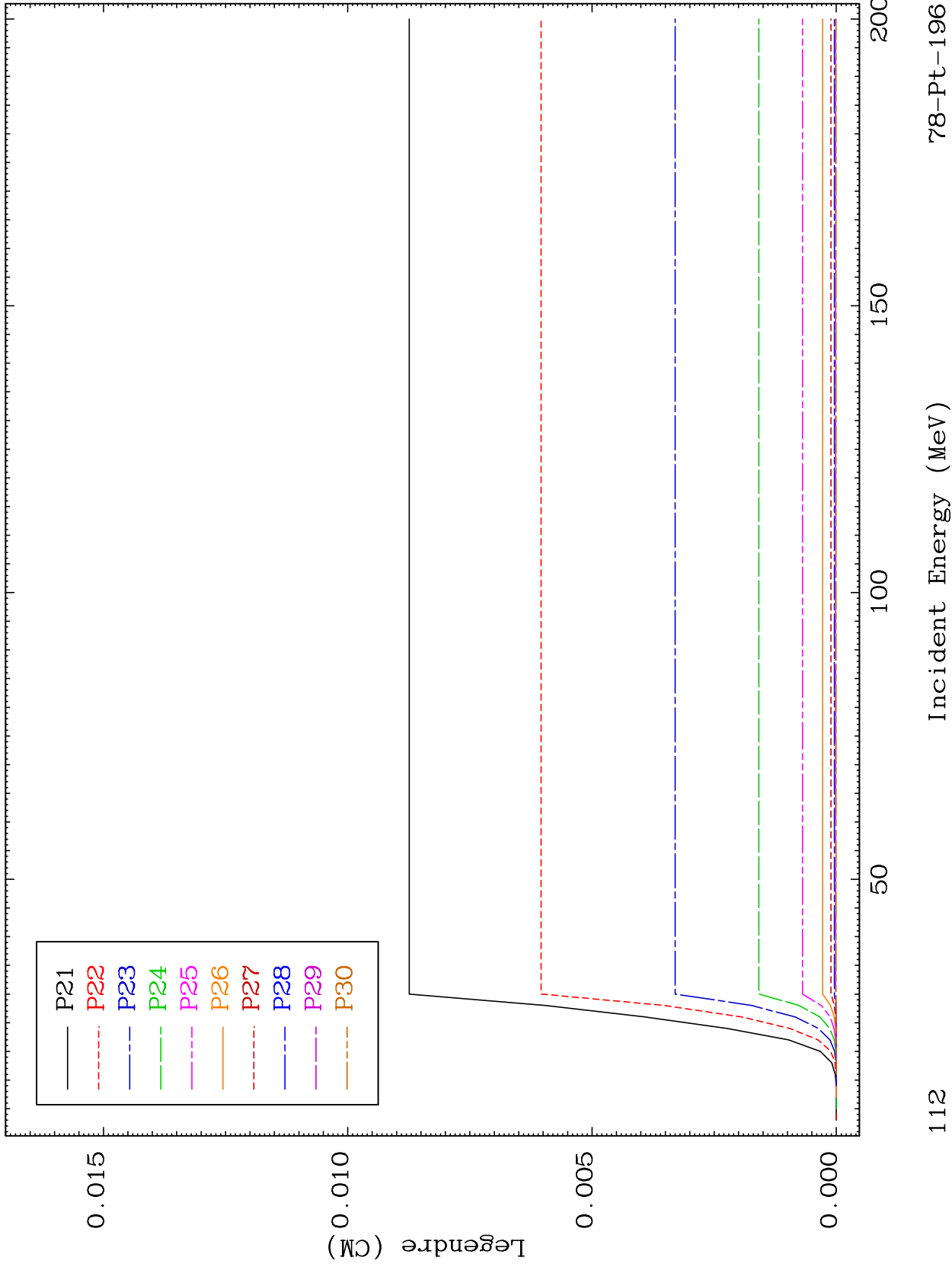
78-Pt-196

Incident Energy (MeV)

110



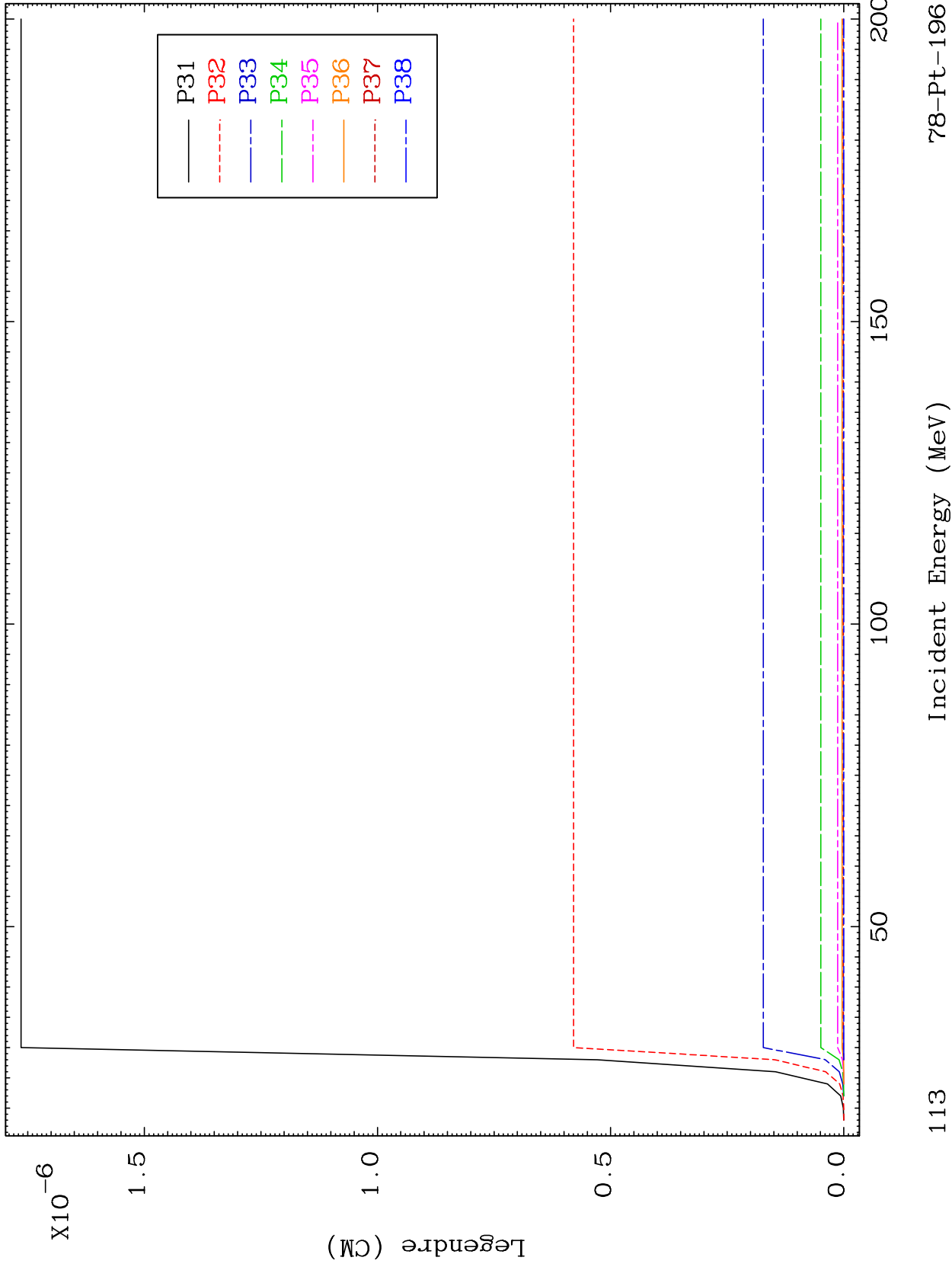




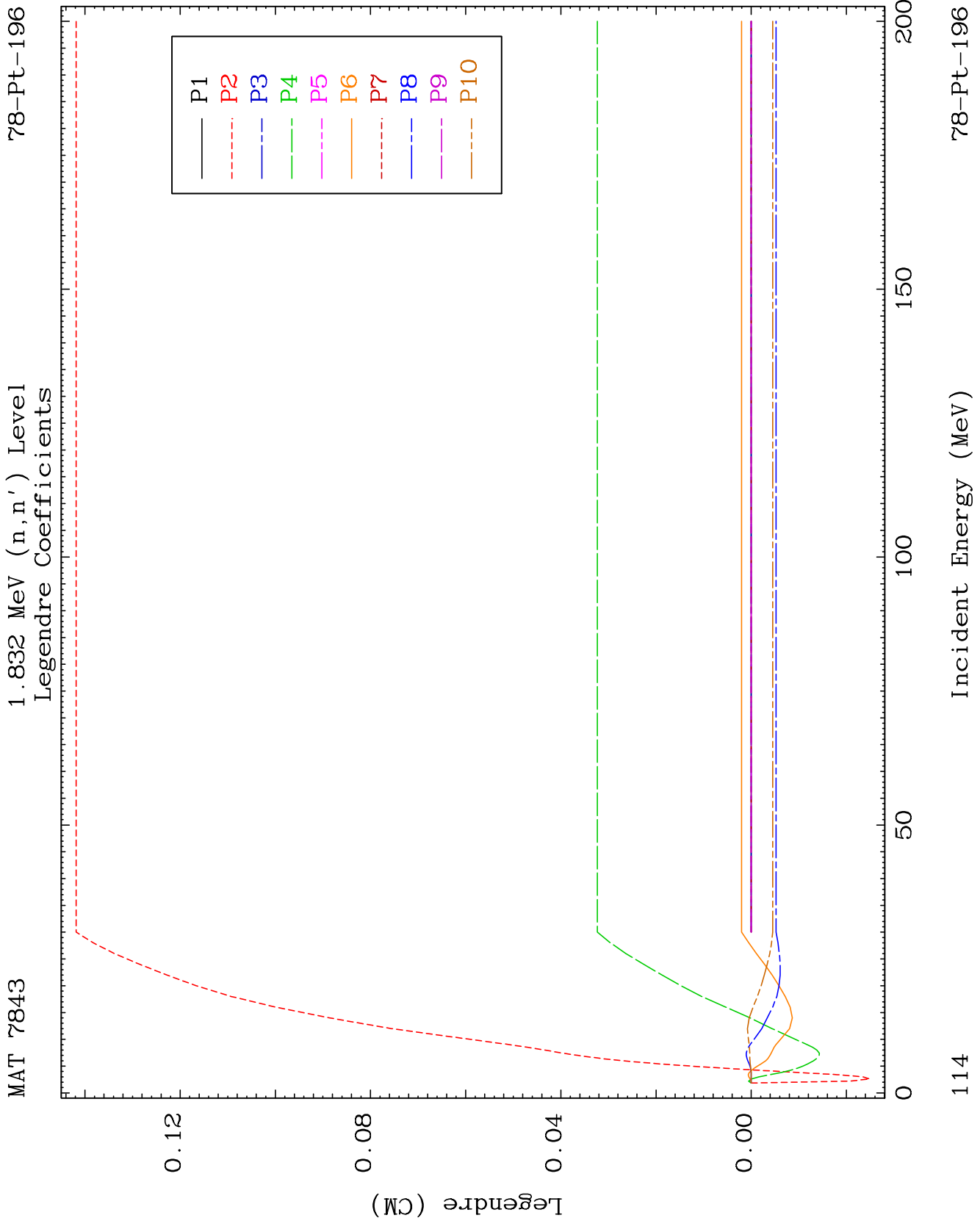
MAT 7843

1.826 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



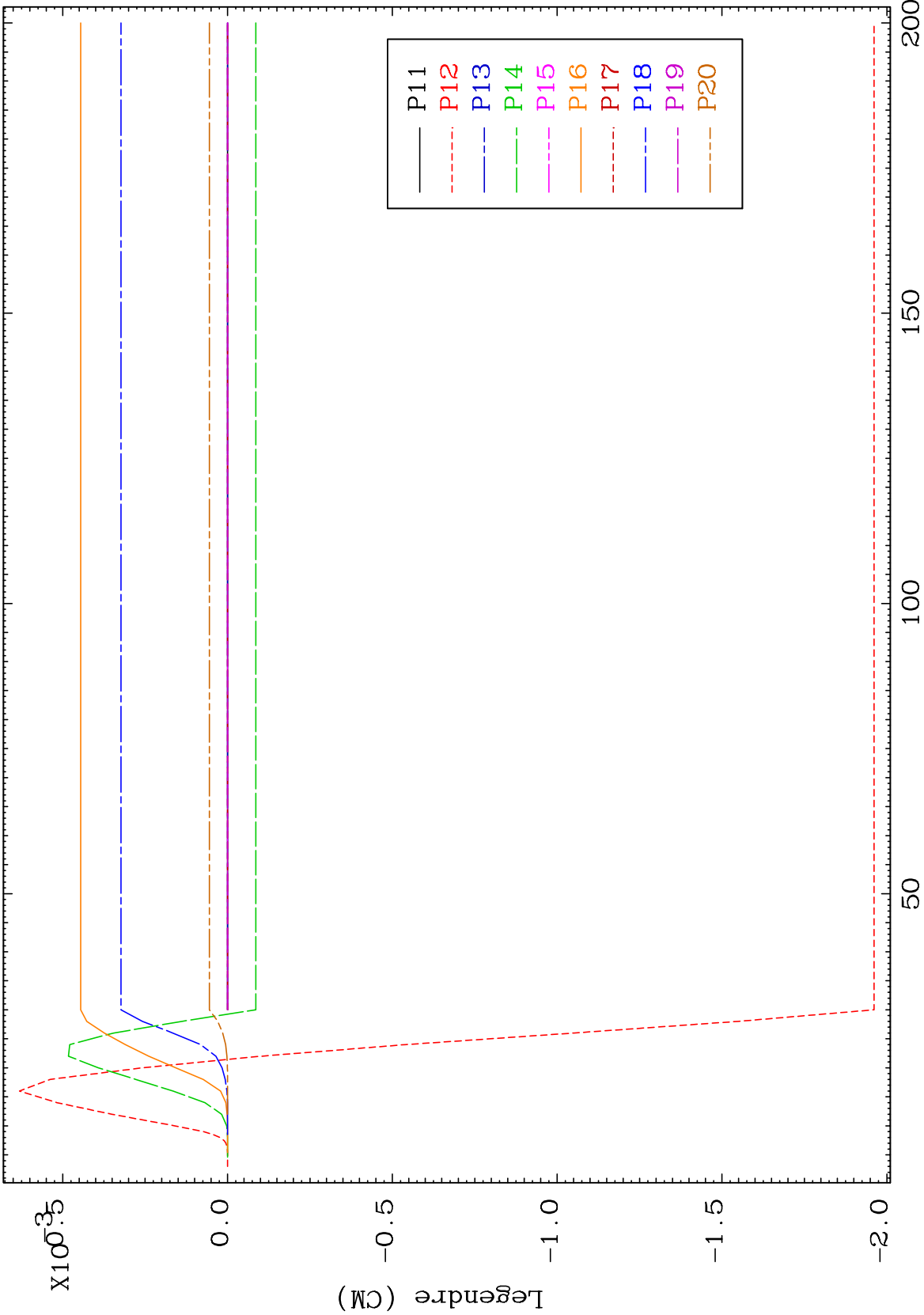
113



MAT 7843

1.832 MeV (n,n') Level  
Legendre Coefficients

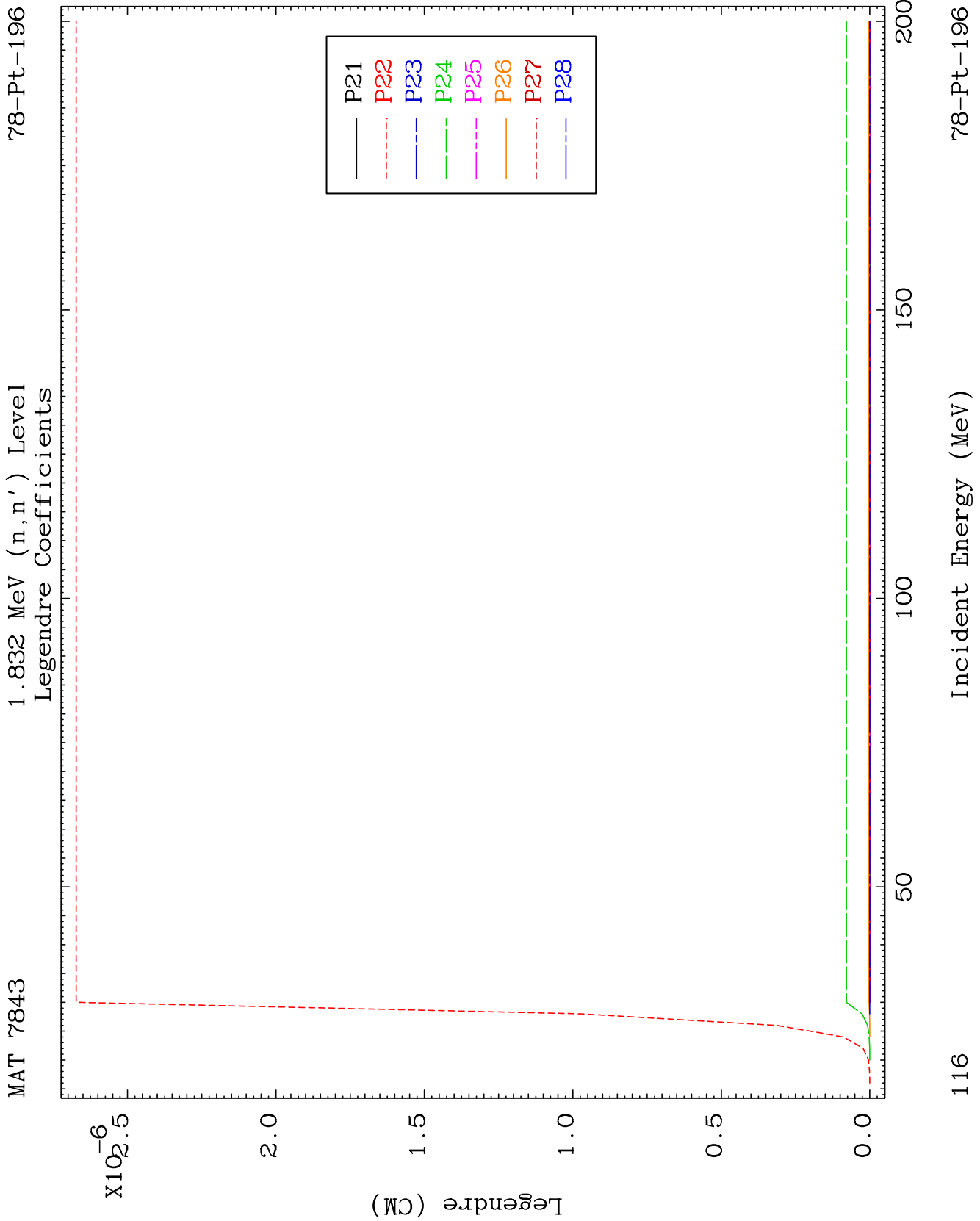
78-Pt-196



115

Incident Energy (MeV)

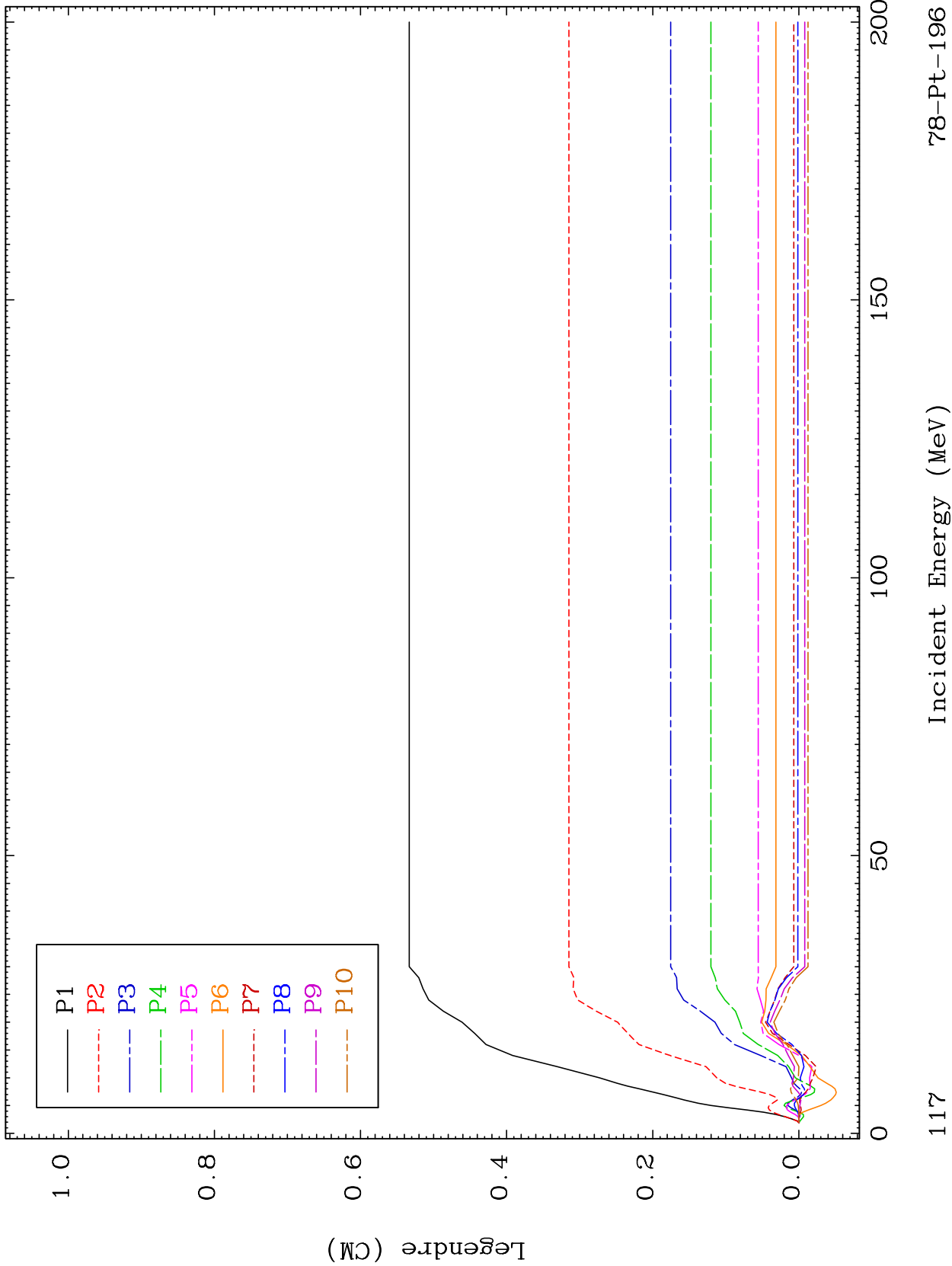
78-Pt-196



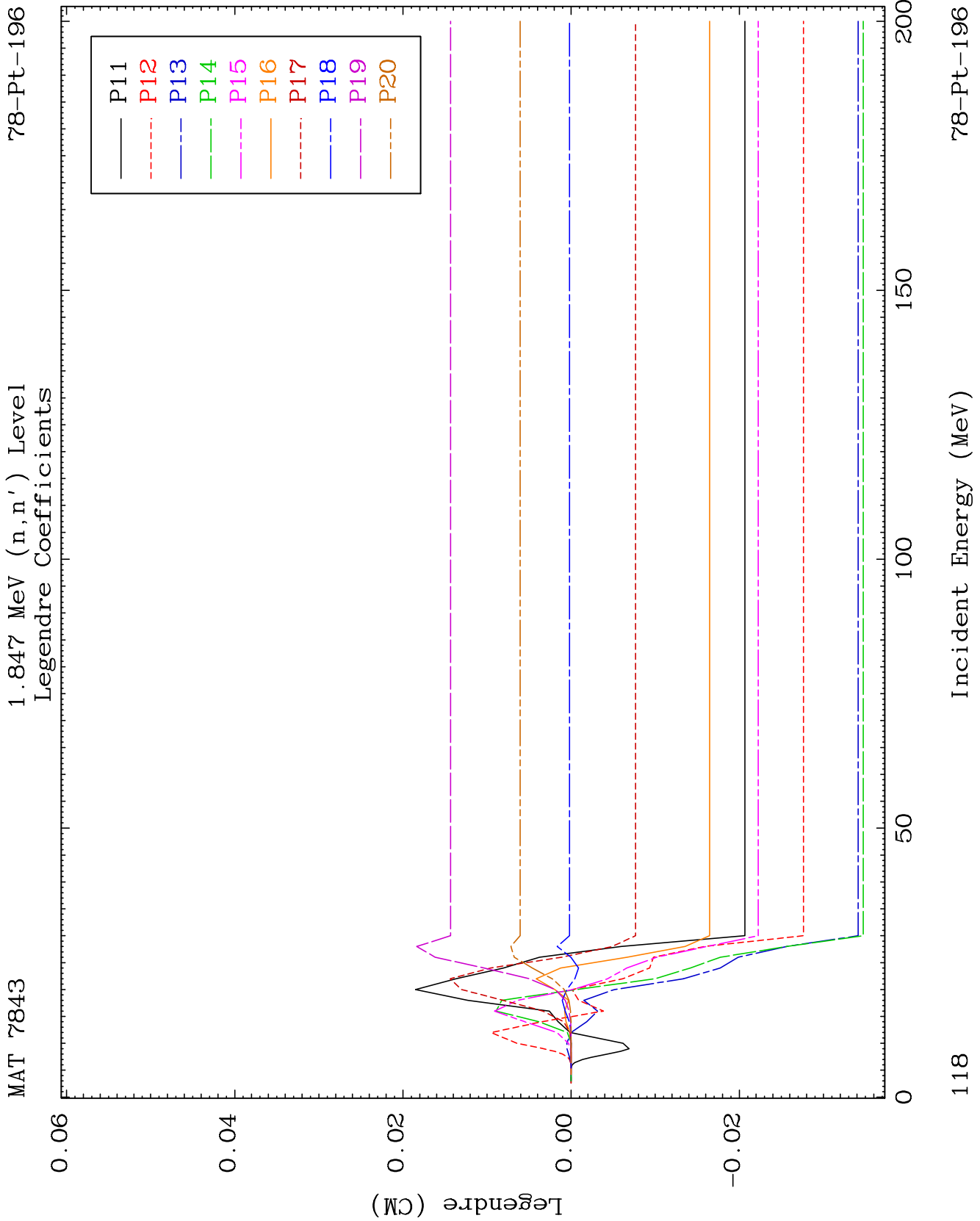
MAT 7843

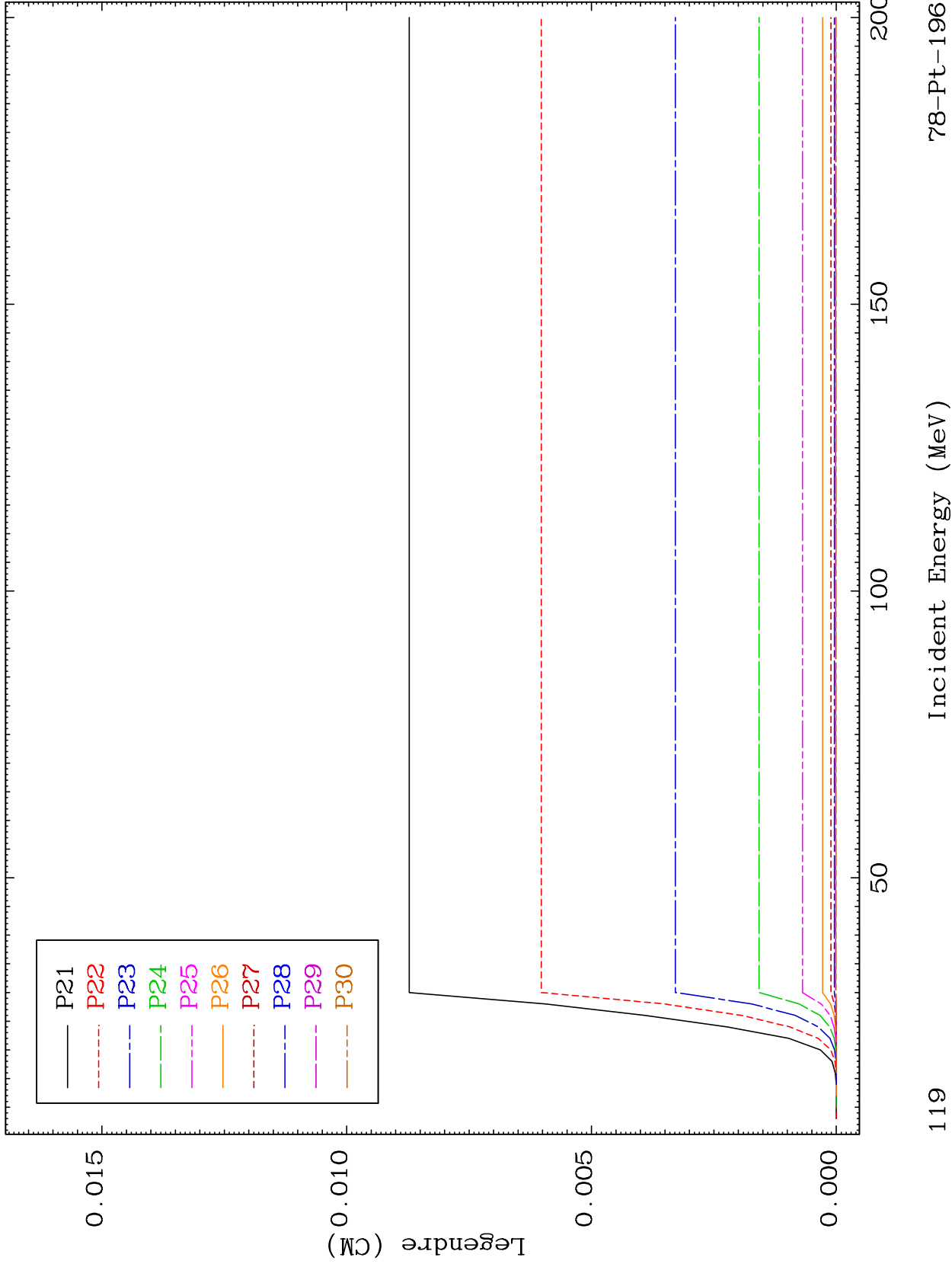
1.847 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



117



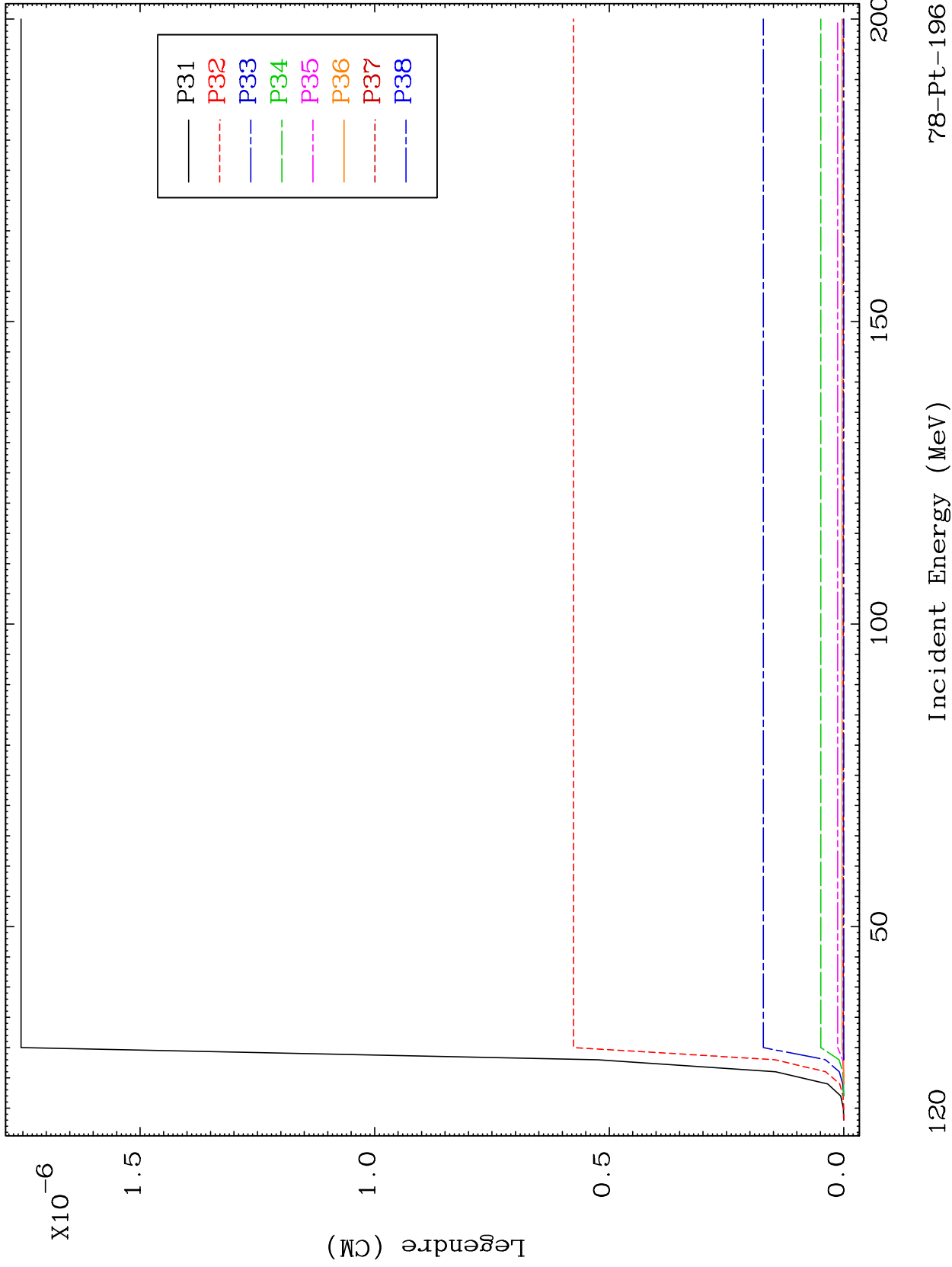




MAT 7843

1.847 MeV (n,n') Level  
Legendre Coefficients

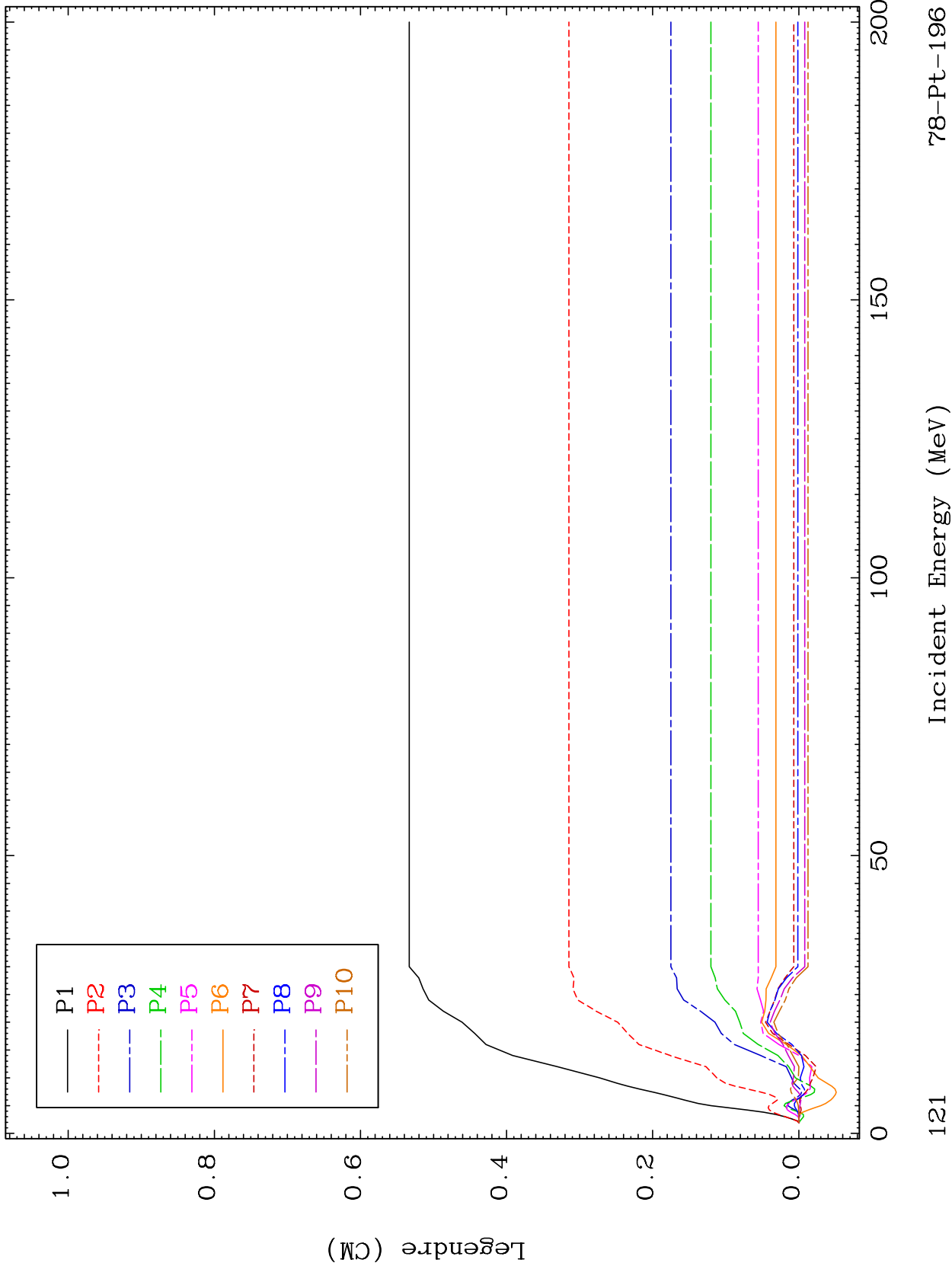
78-Pt-196



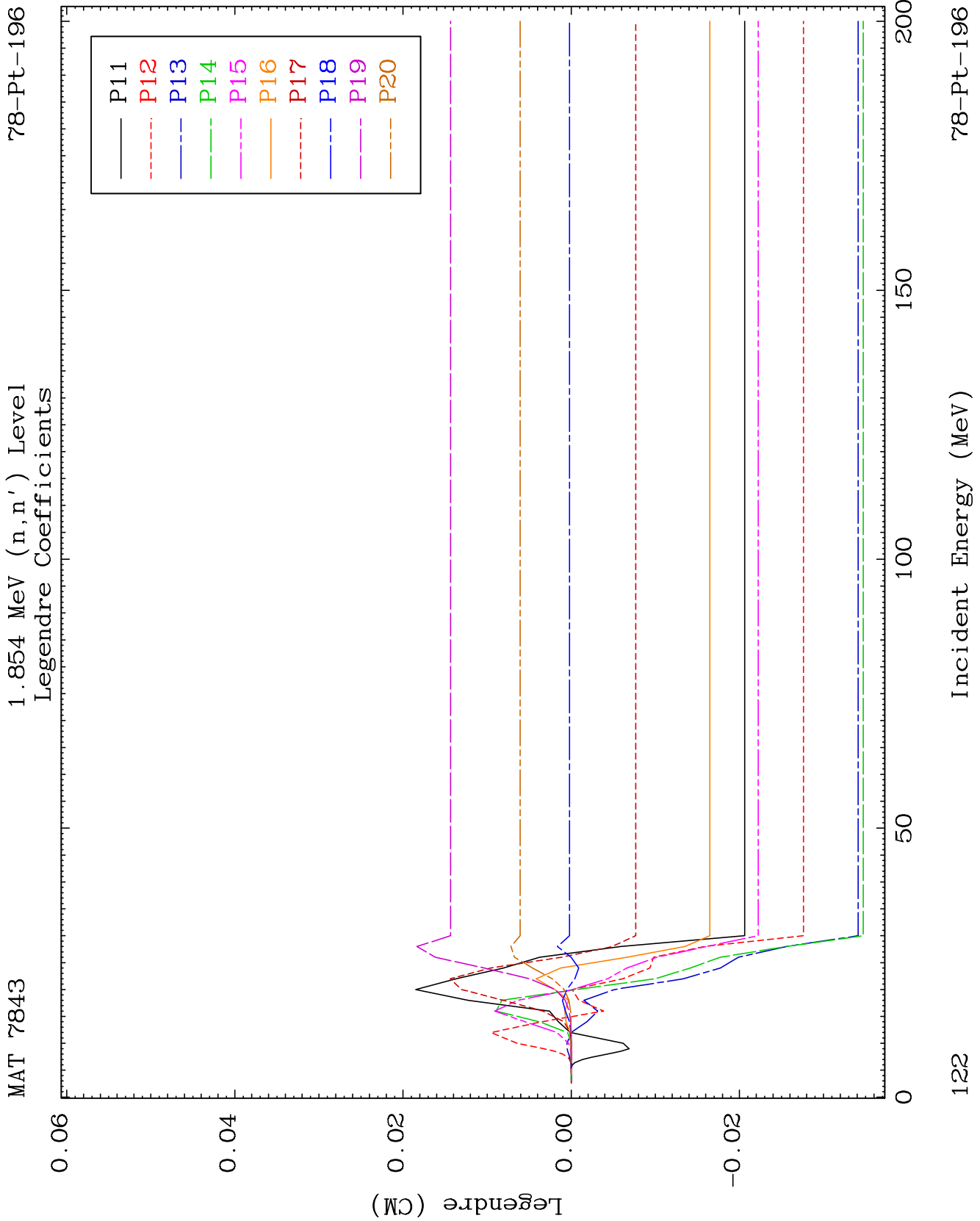
MAT 7843

1.854 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



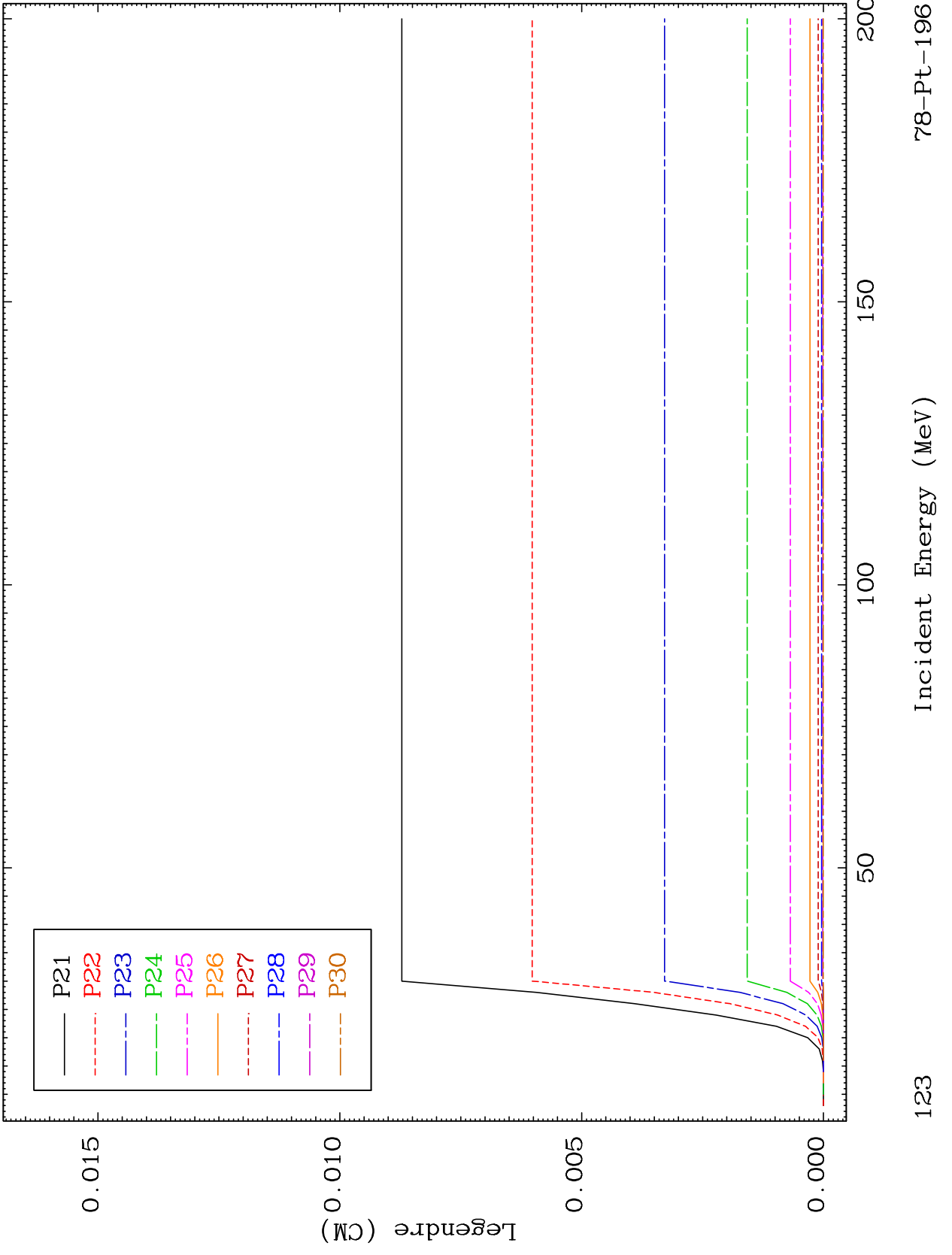
121



MAT 7843

1.854 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196



123

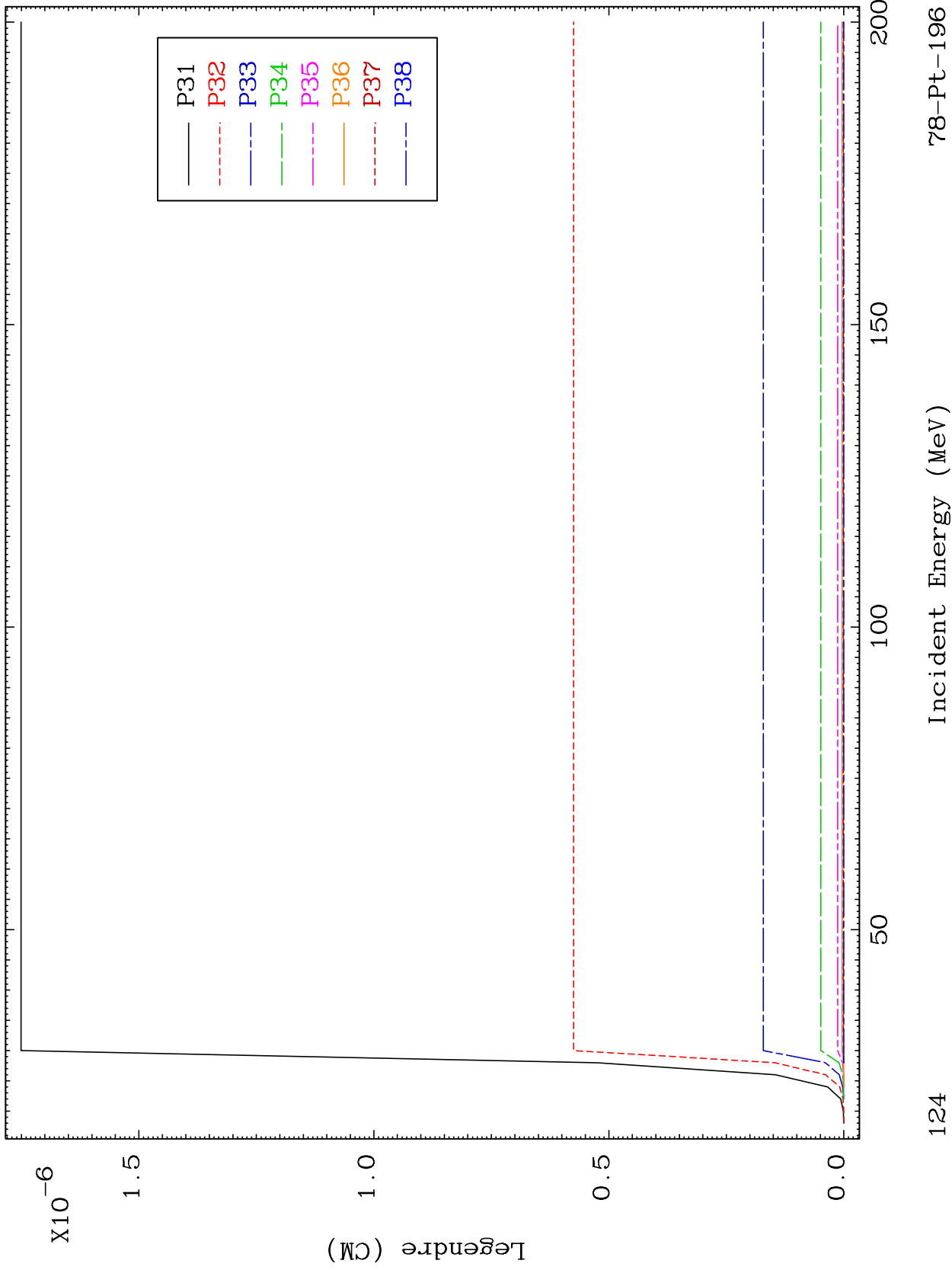
Incident Energy (MeV)

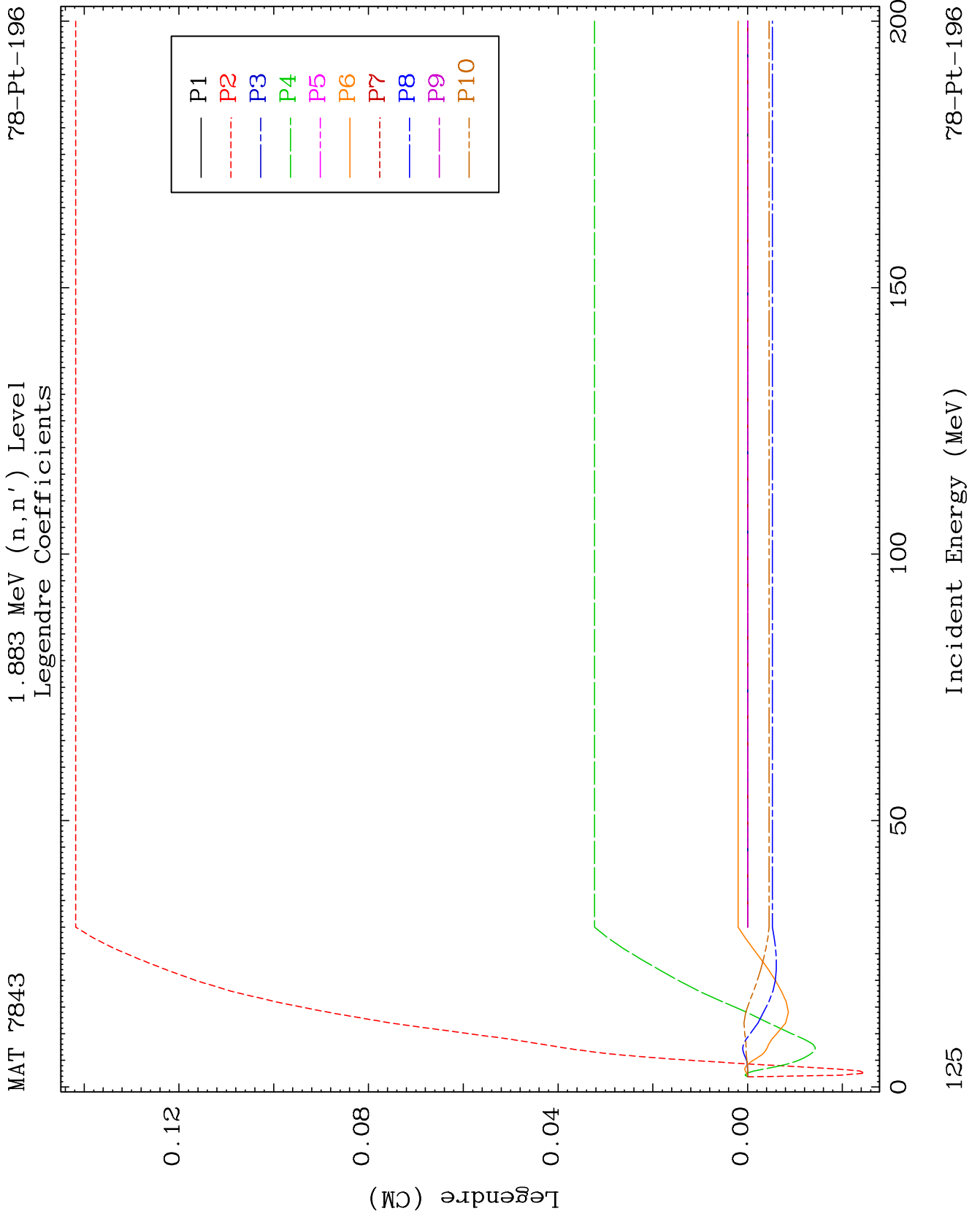
78-Pt-196

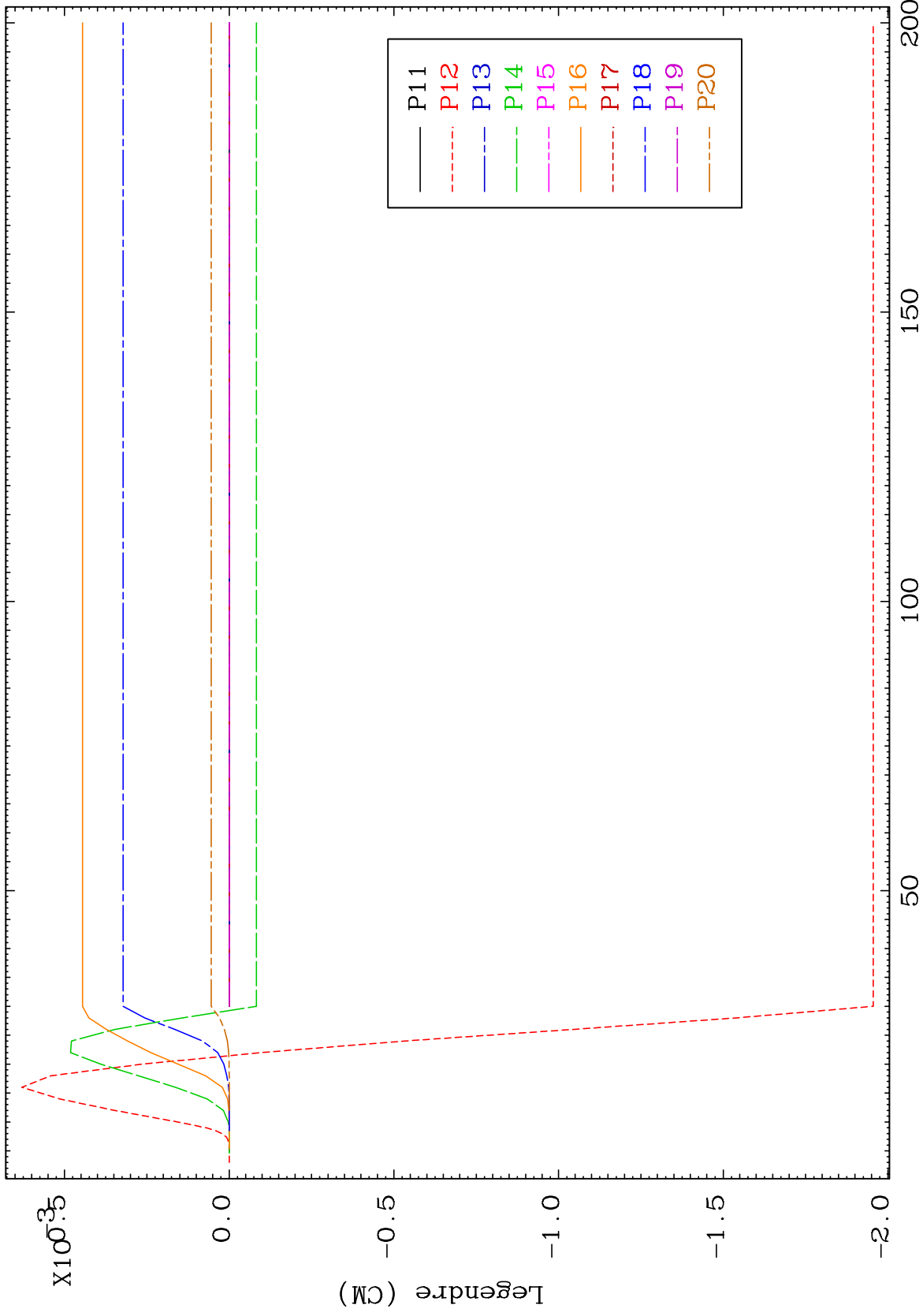
MAT 7843

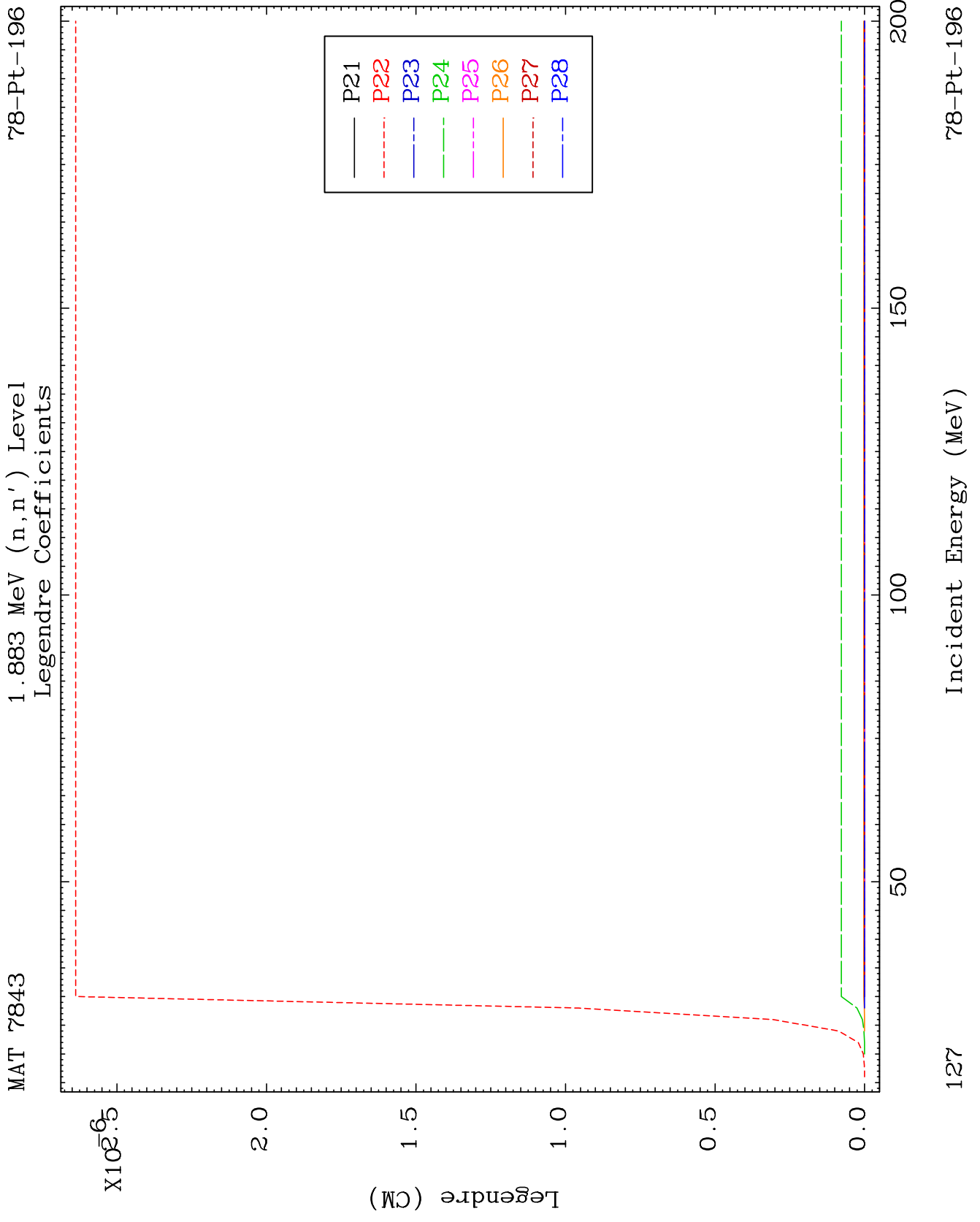
1.854 MeV (n,n') Level  
Legendre Coefficients

78-Pt-196

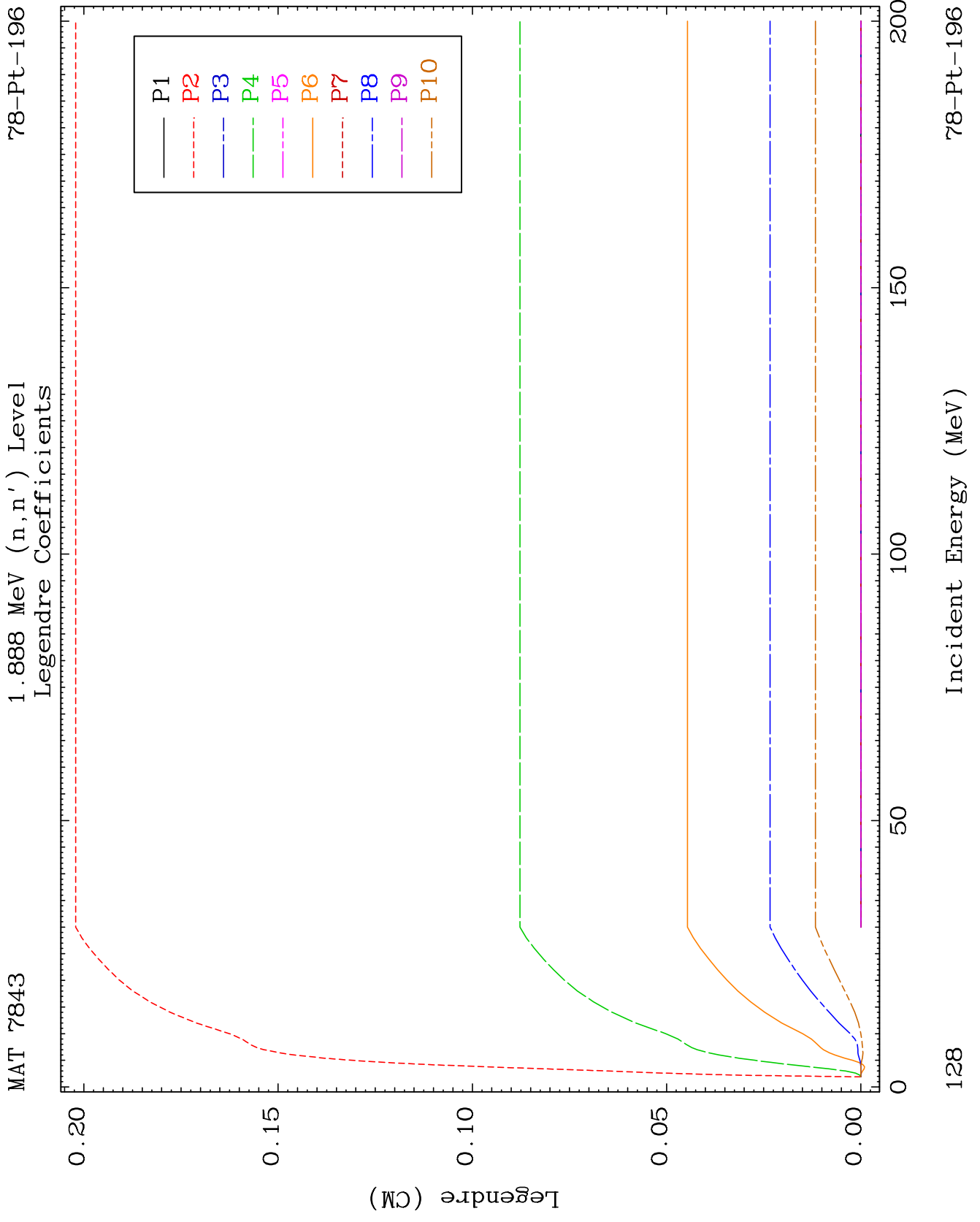


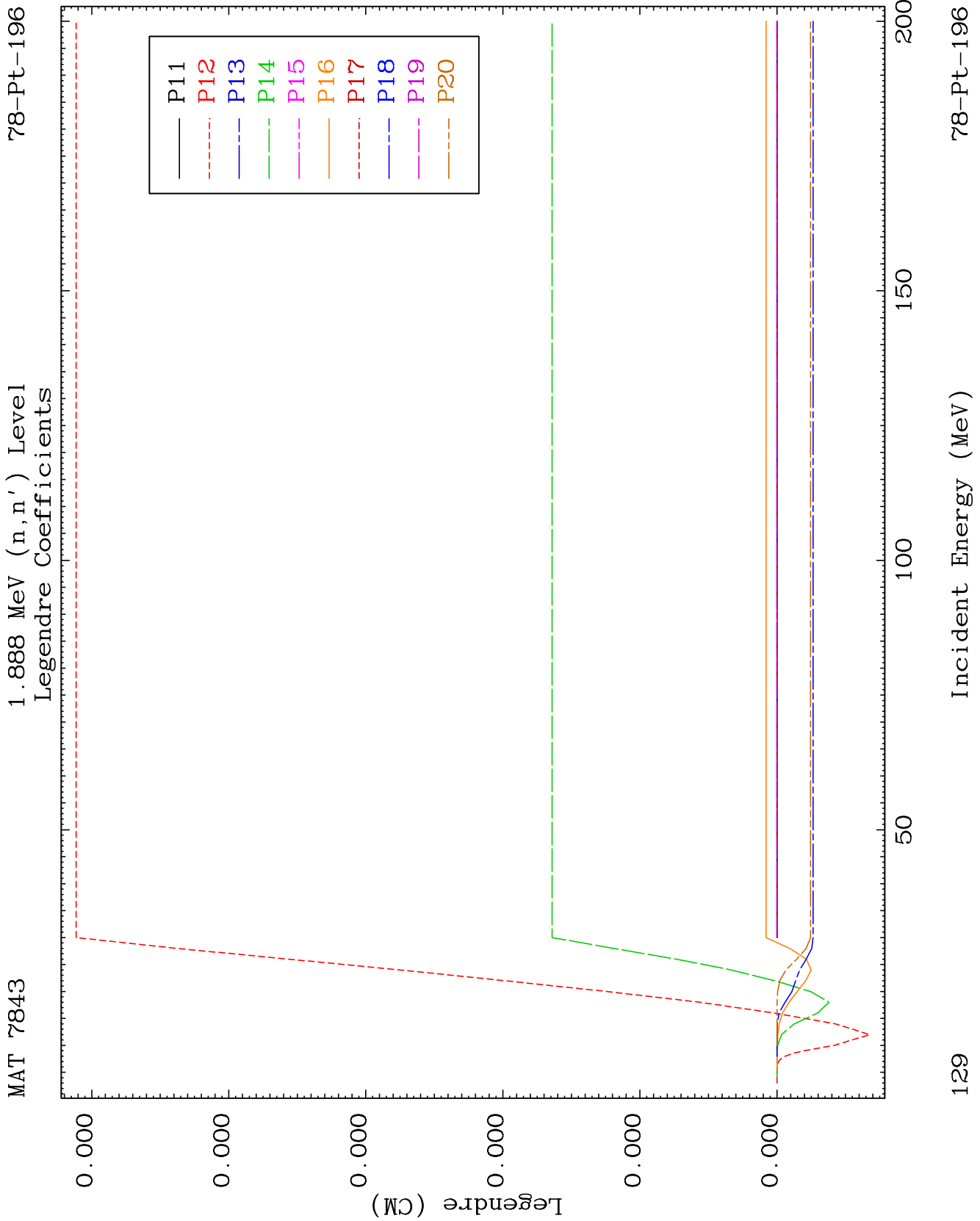












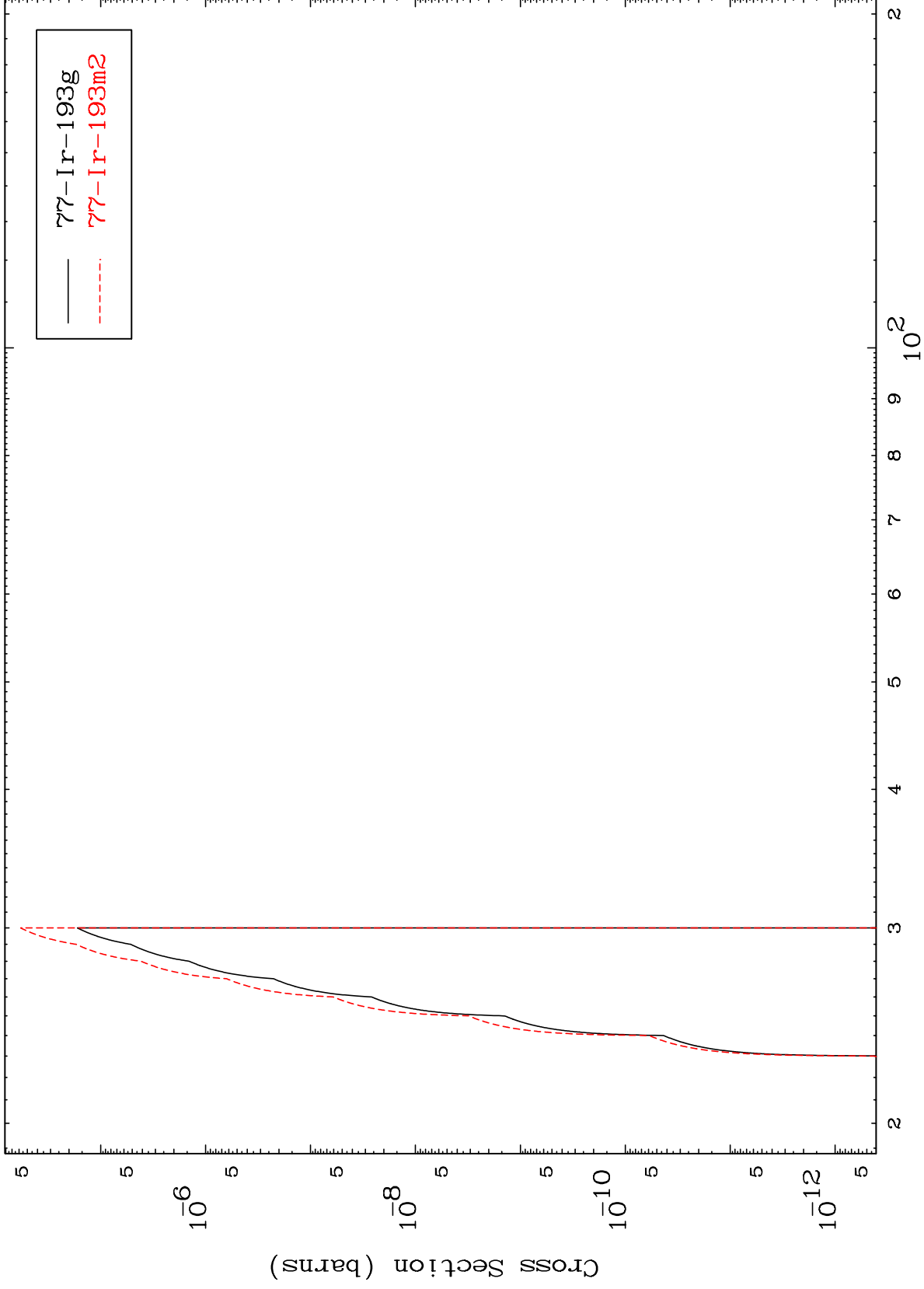


MAT 7843

(n,2n) d

78-Pt-196

Radionuclide Production Cross Section



131

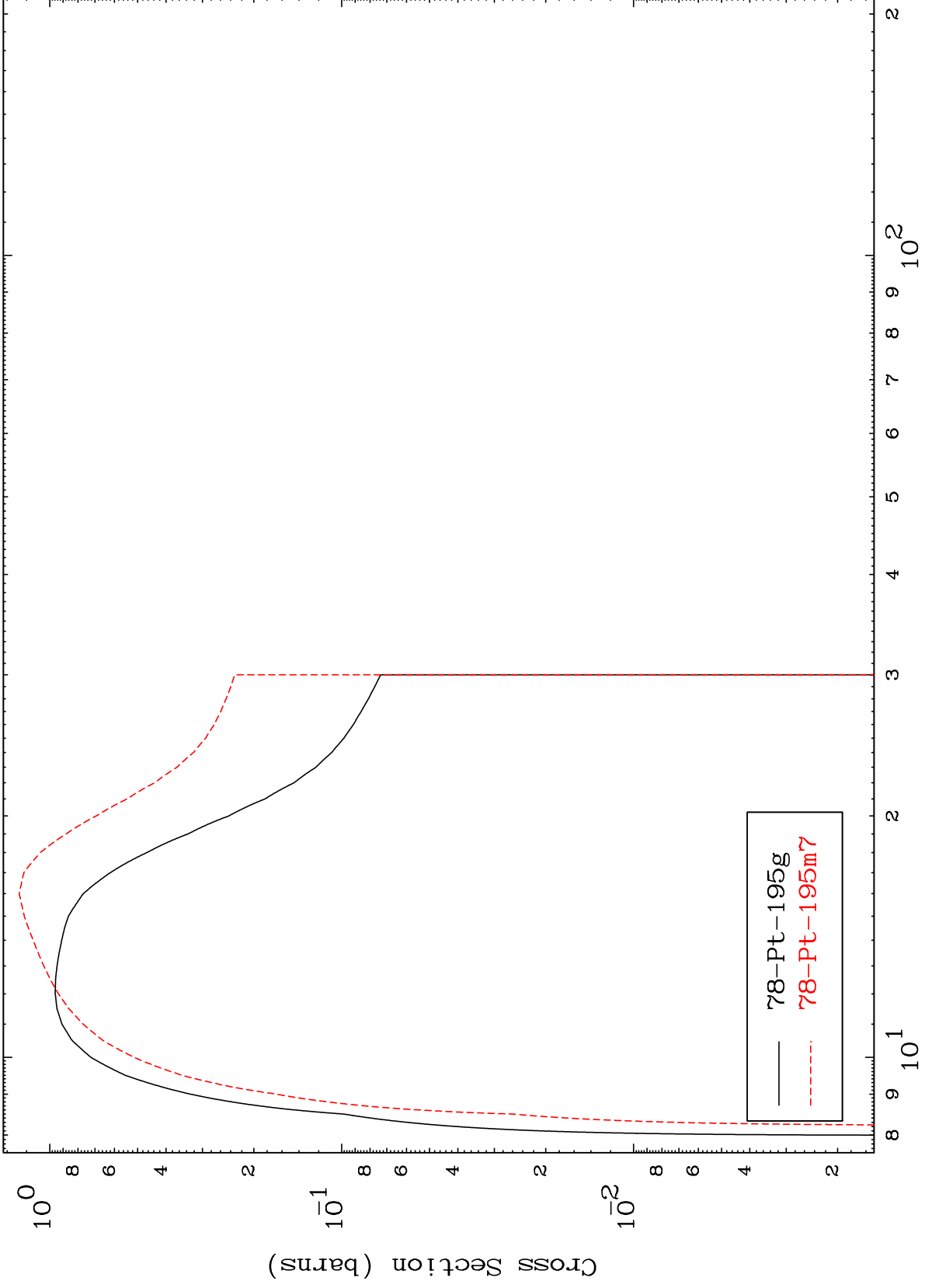
Incident Energy (MeV)

78-Pt-196

MAT 7843

78-Pt-196

(n,2n)  
Radionuclide Production Cross Section



132

Incident Energy (MeV)

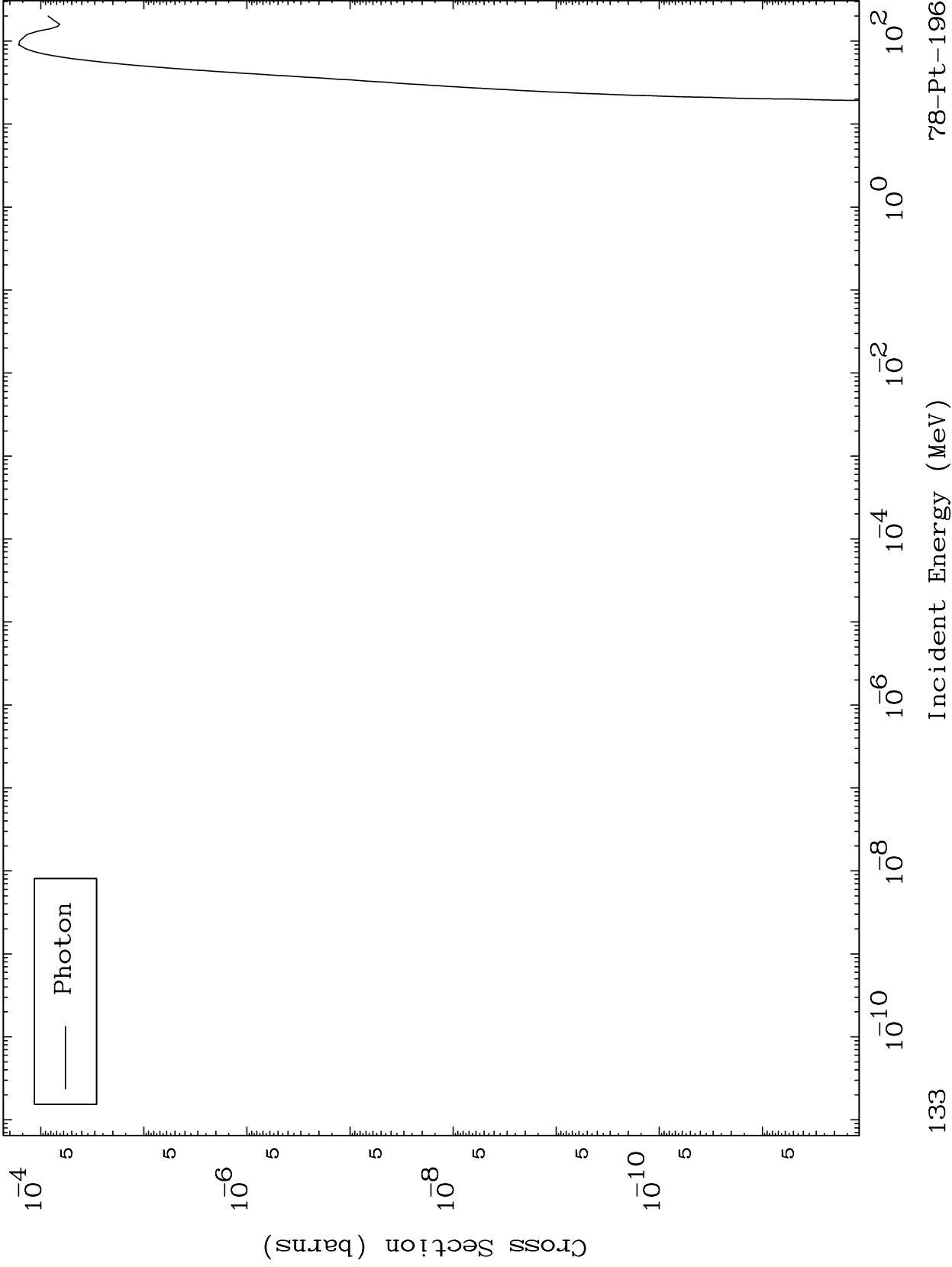
78-Pt-196

MAT 7843

Fission

78-Pt-196

Radionuclide Production Cross Section

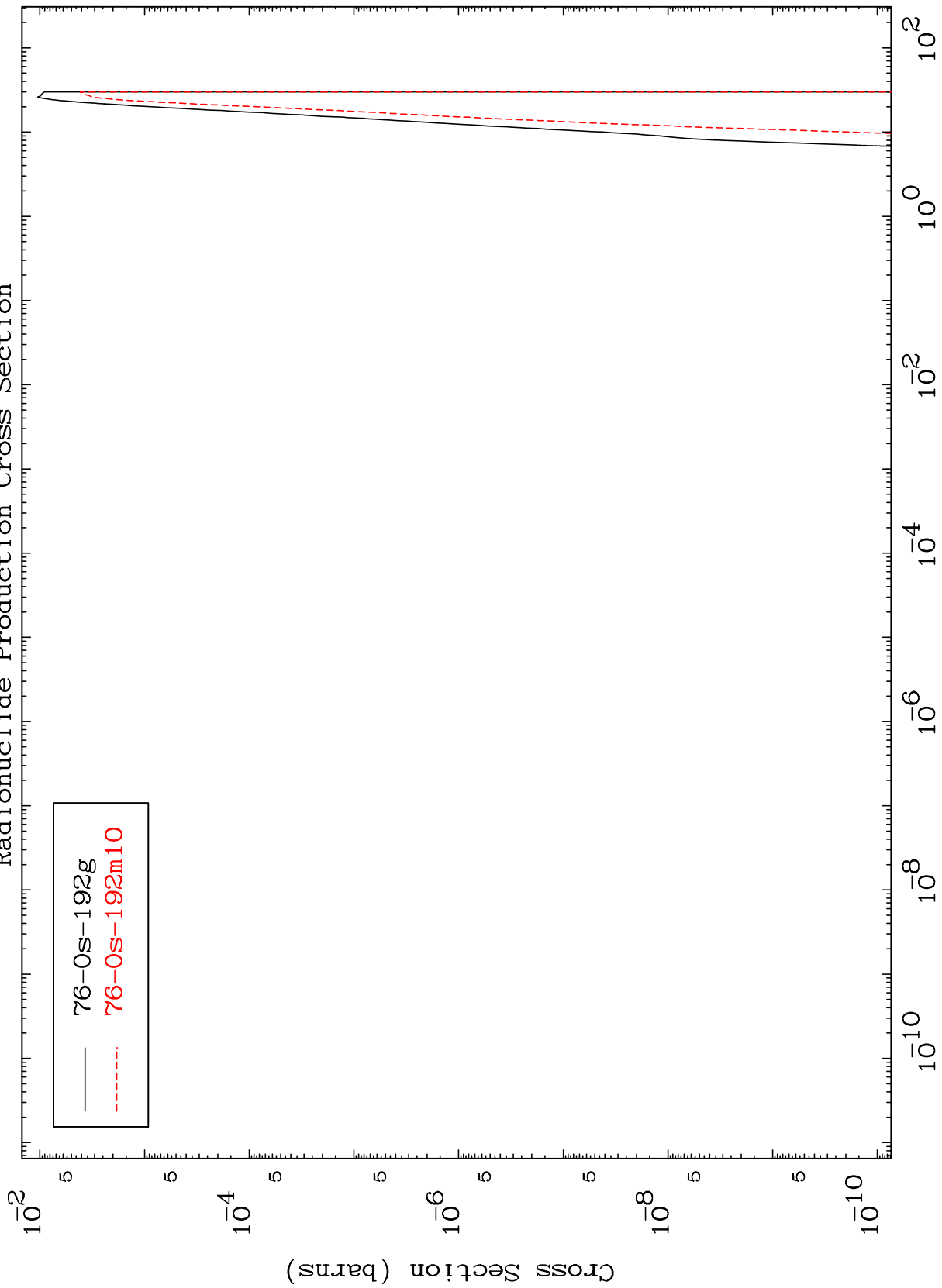


MAT 7843

$(n, n') \alpha$

78-Pt-196

Radionuclide Production Cross Section



134

Incident Energy (MeV)

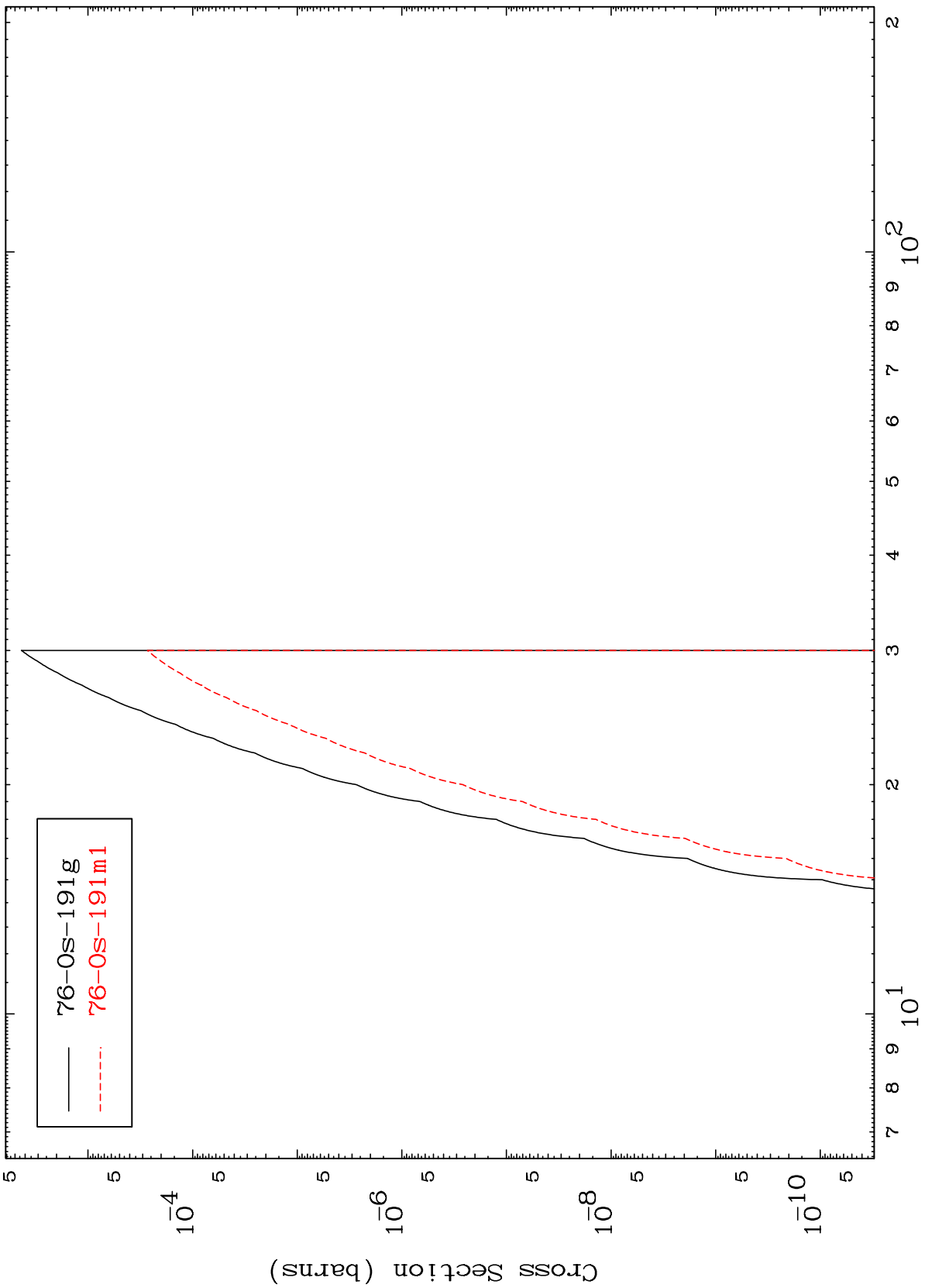
78-Pt-196

MAT 7843

$(n,2n) \alpha$

78-Pt-196

Radionuclide Production Cross Section



135

Incident Energy (MeV)

78-Pt-196

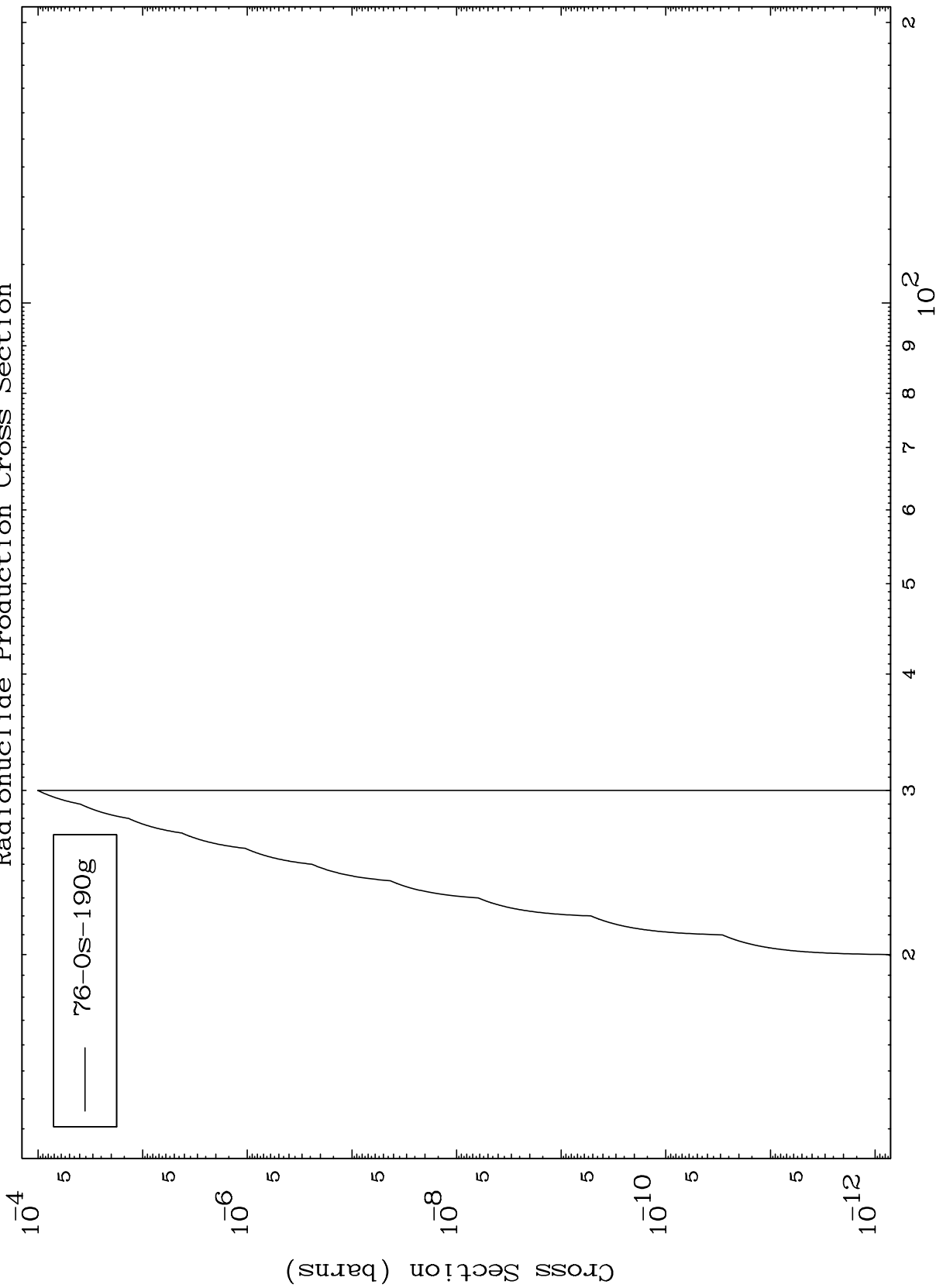


MAT 7843

(n,3n)  $\alpha$

78-Pt-196

Radionuclide Production Cross Section



136

Incident Energy (MeV)

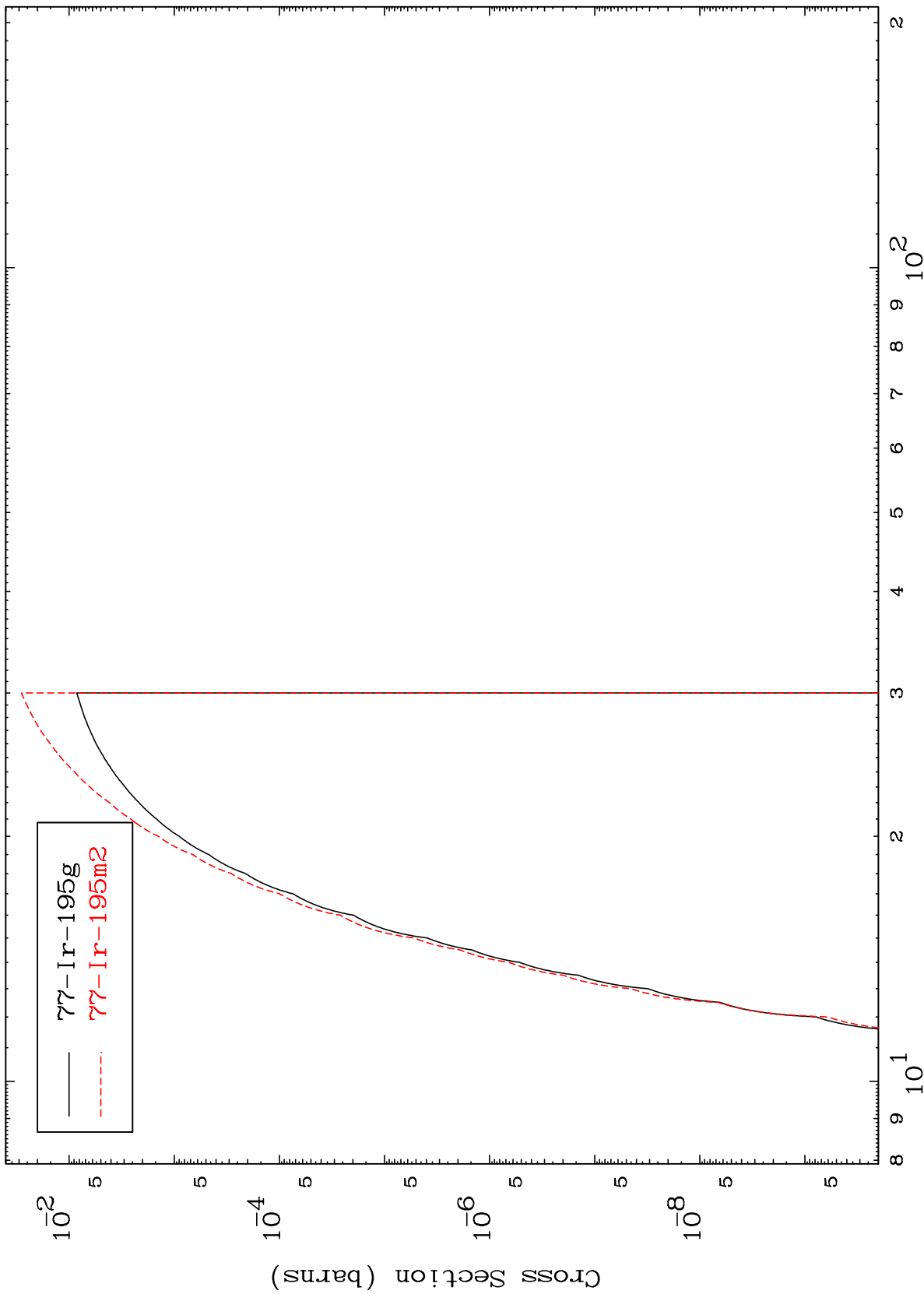
78-Pt-196

MAT 7843

(n,n') p

78-Pt-196

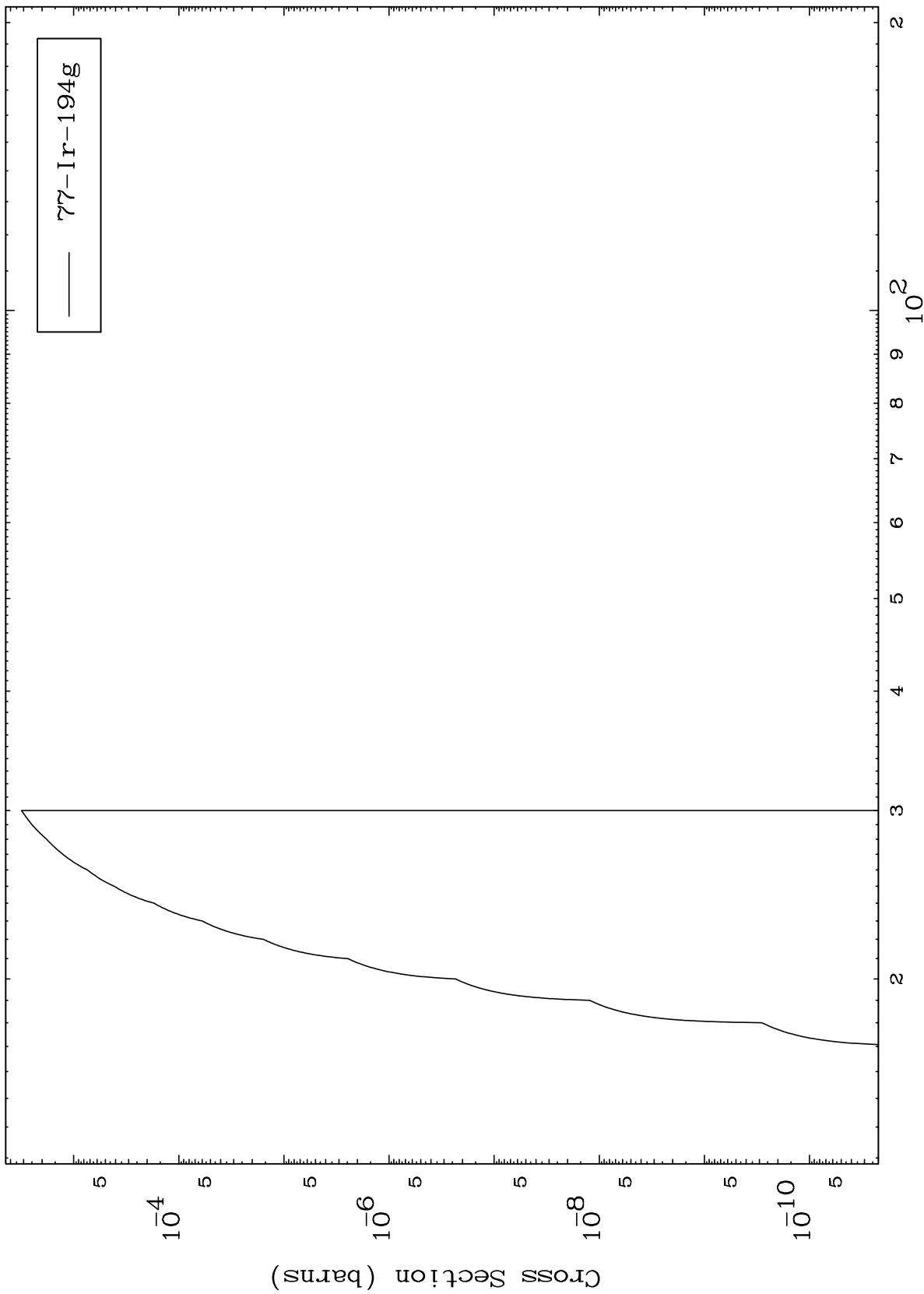
Radionuclide Production Cross Section



137

78-Pt-196

Radionuclide Production Cross Section

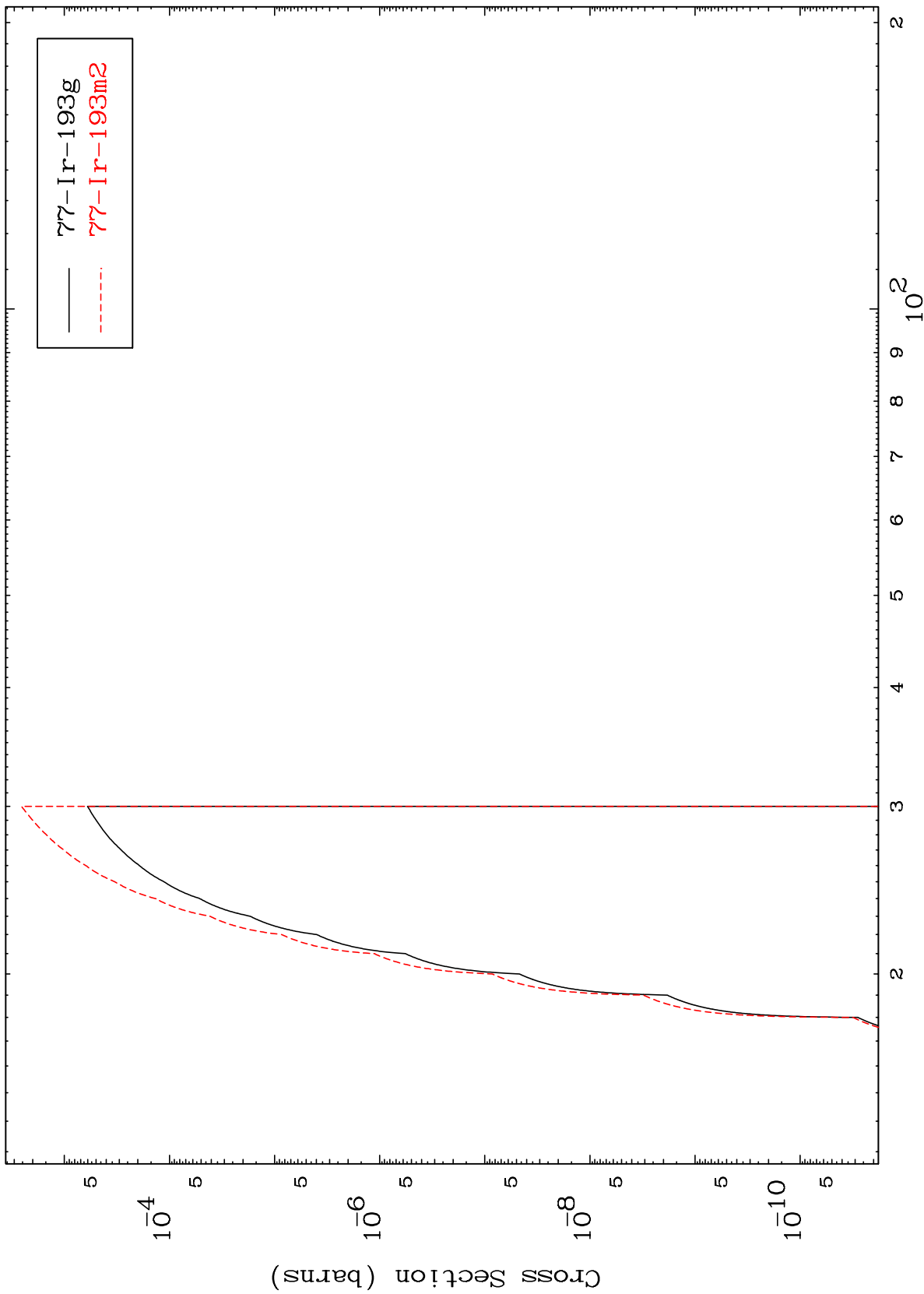


MAT 7843

(n,n') t

78-Pt-196

Radionuclide Production Cross Section



139

Incident Energy (MeV)

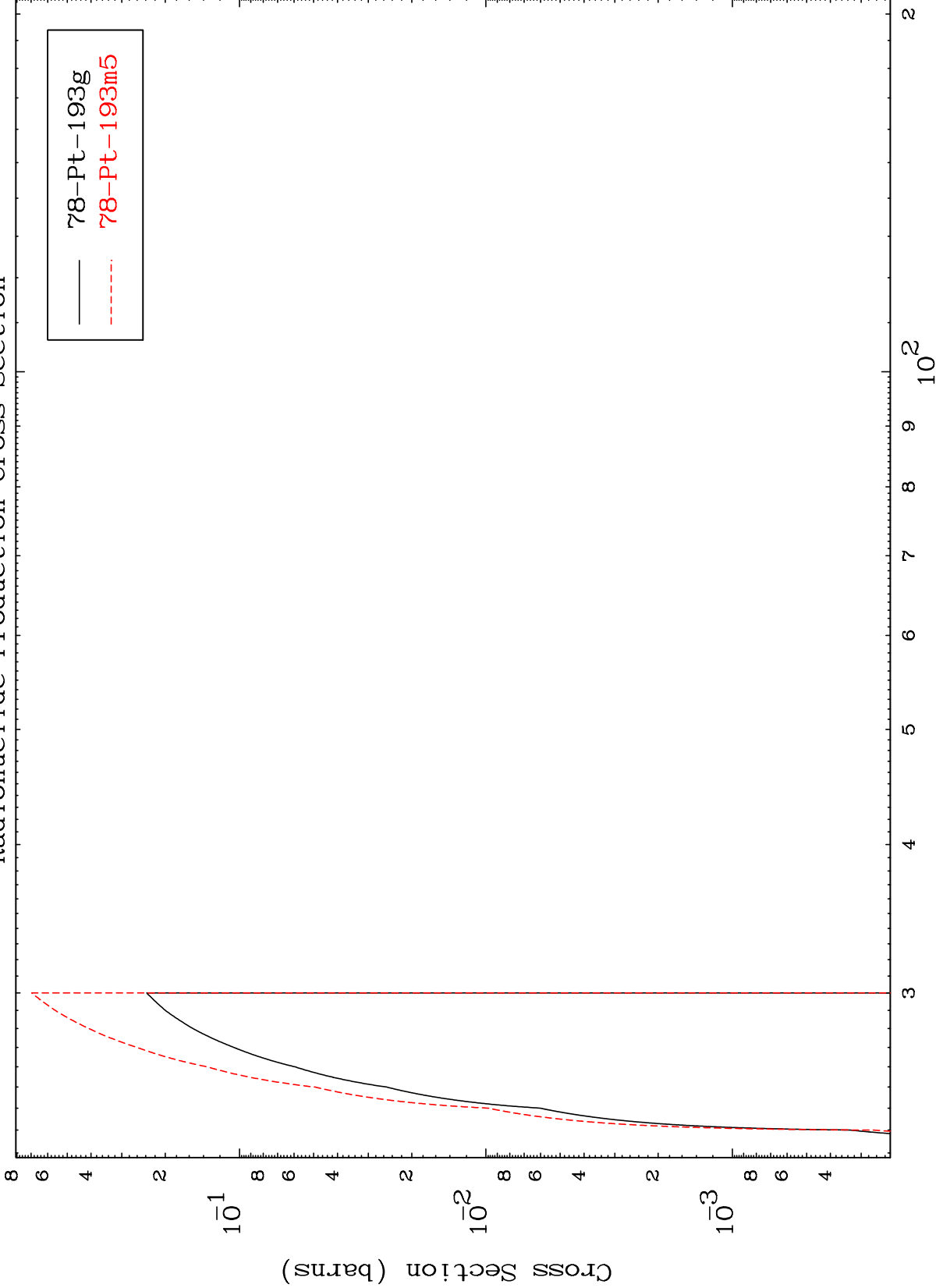
78-Pt-196

MAT 7843

(n,4n)

78-Pt-196

Radionuclide Production Cross Section



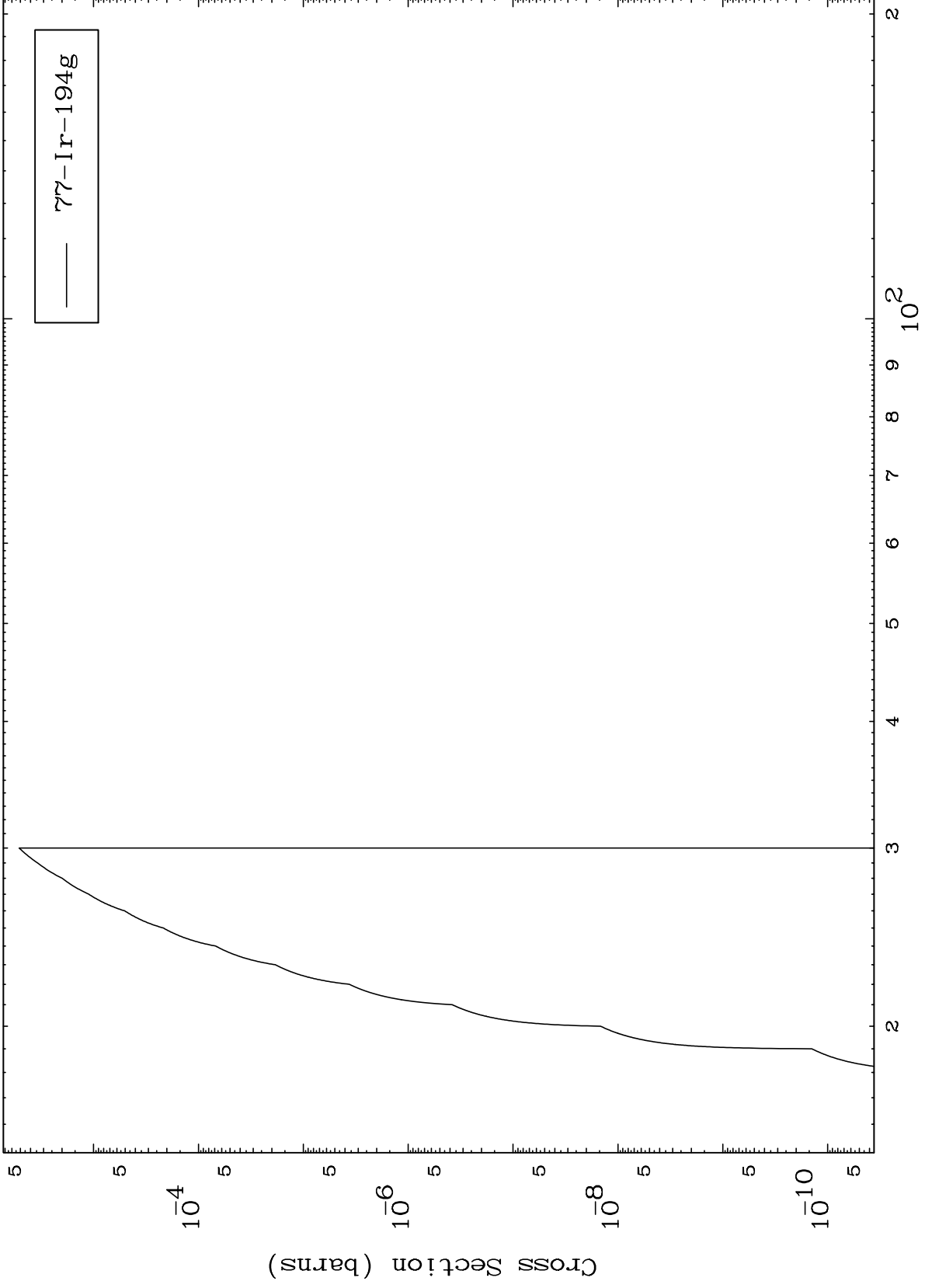
78-Pt-193g  
78-Pt-193m5

140

Incident Energy (MeV)

78-Pt-196

Radionuclide Production Cross Section

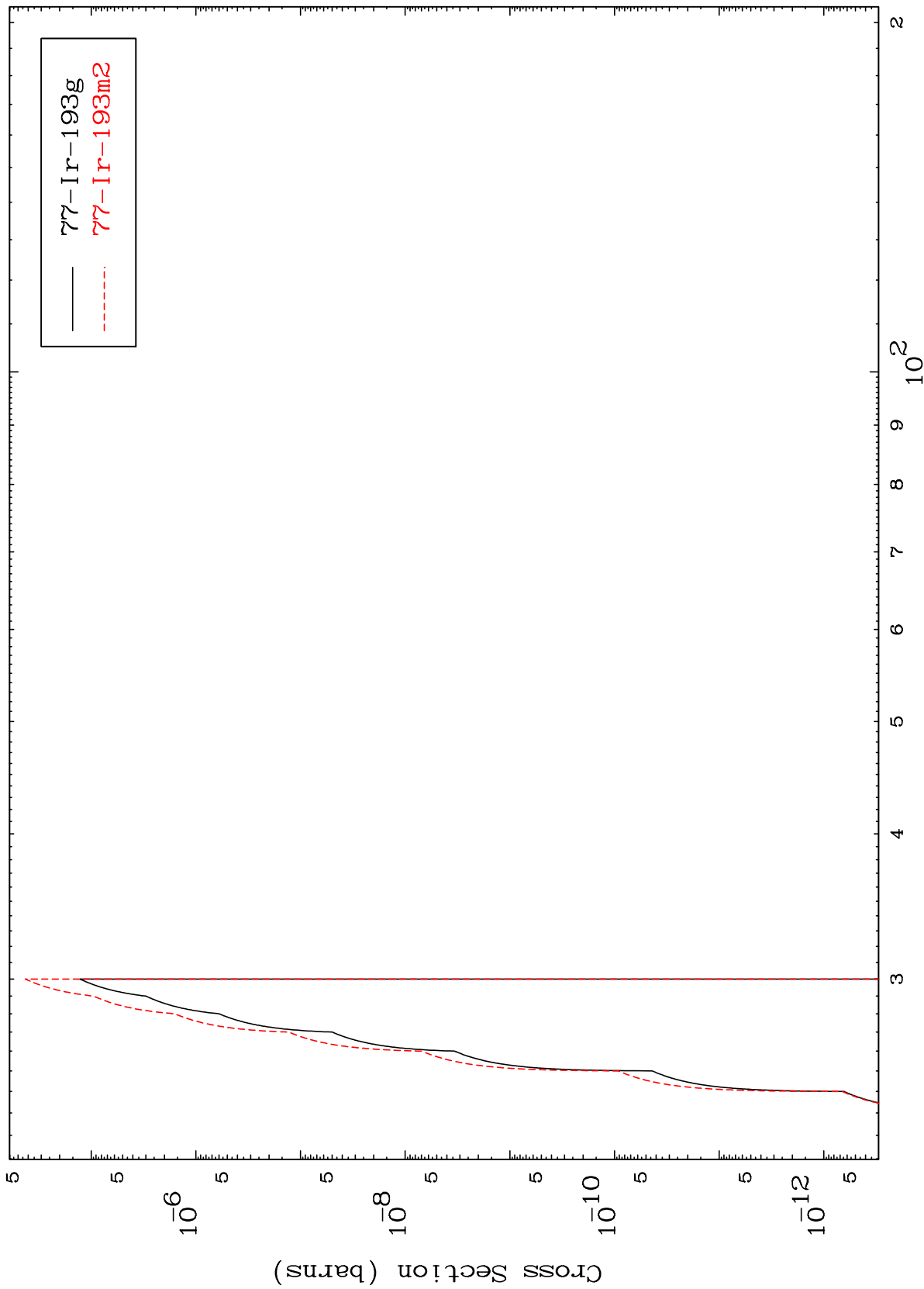


MAT 7843

(n,3n) p

78-Pt-196

Radionuclide Production Cross Section



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

142

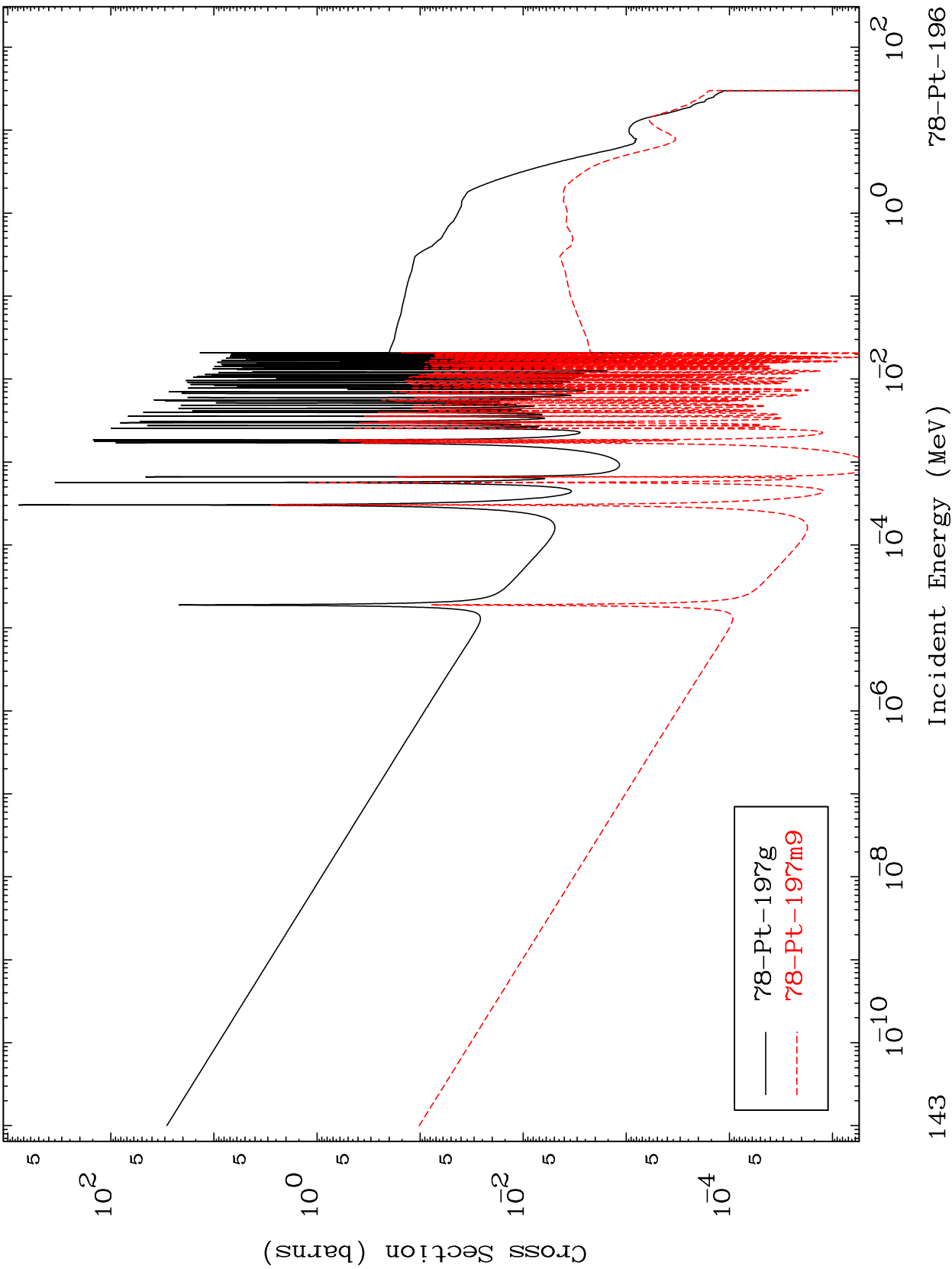
Incident Energy (MeV)

78-Pt-196

MAT 7843

78-Pt-196

(n,γ)  
Radionuclide Production Cross Section



143

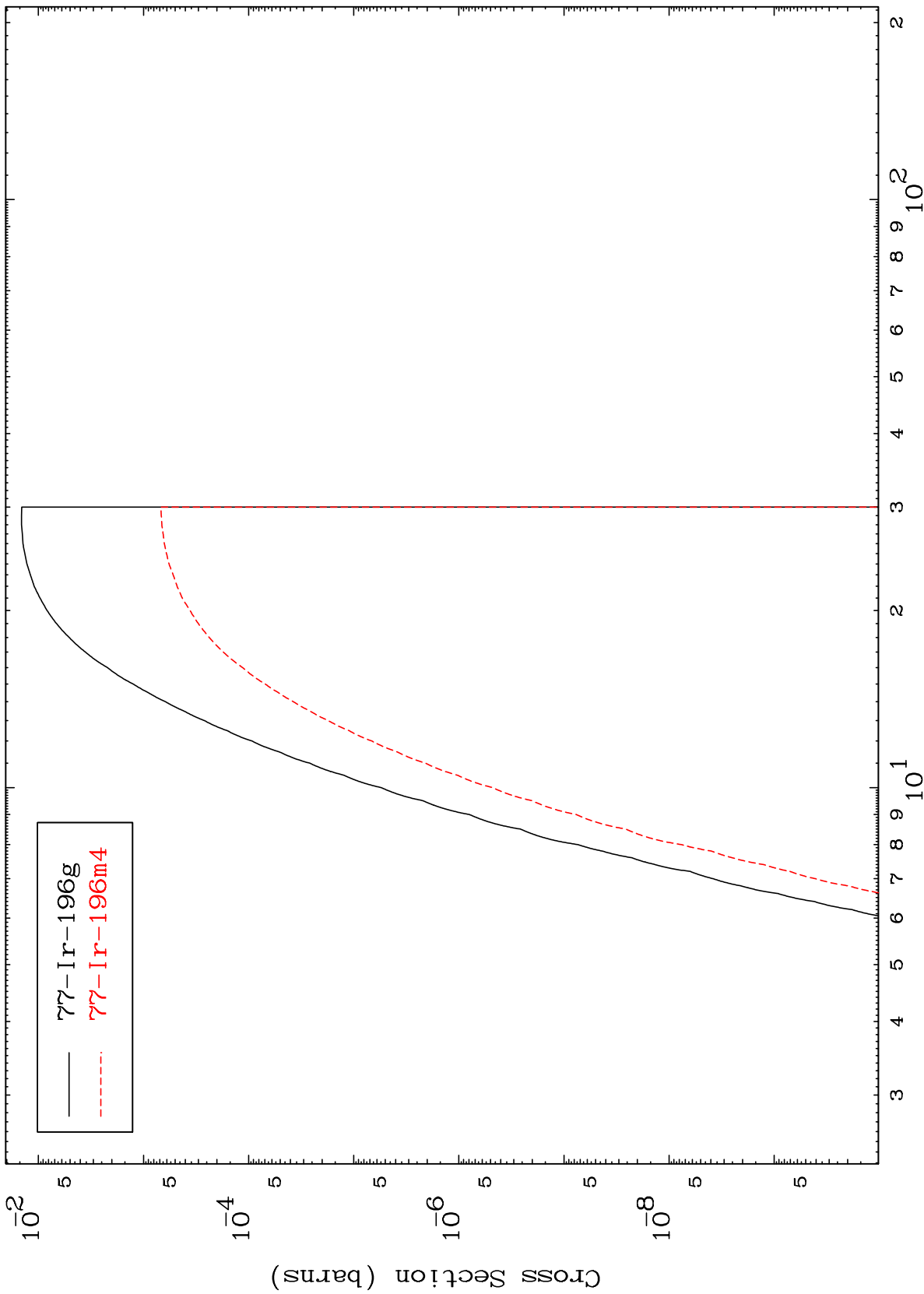
78-Pt-196



MAT 7843

78-Pt-196

(n,p)  
Radionuclide Production Cross Section



— 77-Ir-196g  
- - - 77-Ir-196m4

Incident Energy (MeV)

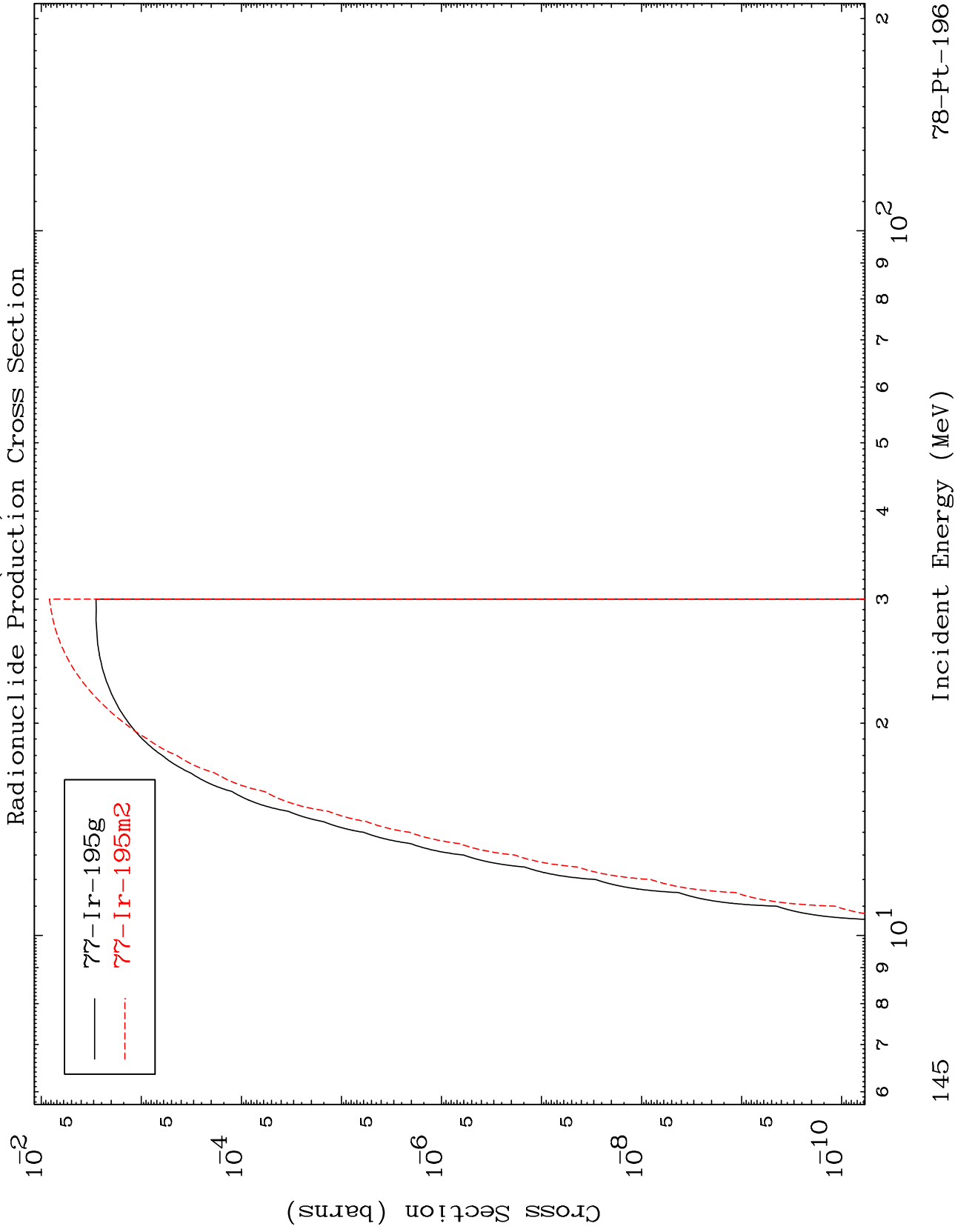
78-Pt-196

144

MAT 7843

(n,d)

78-Pt-196



145

(n,t)  
Radionuclide Production Cross Section

