

Program EVALPLOT  
(Version 2018-1)

by

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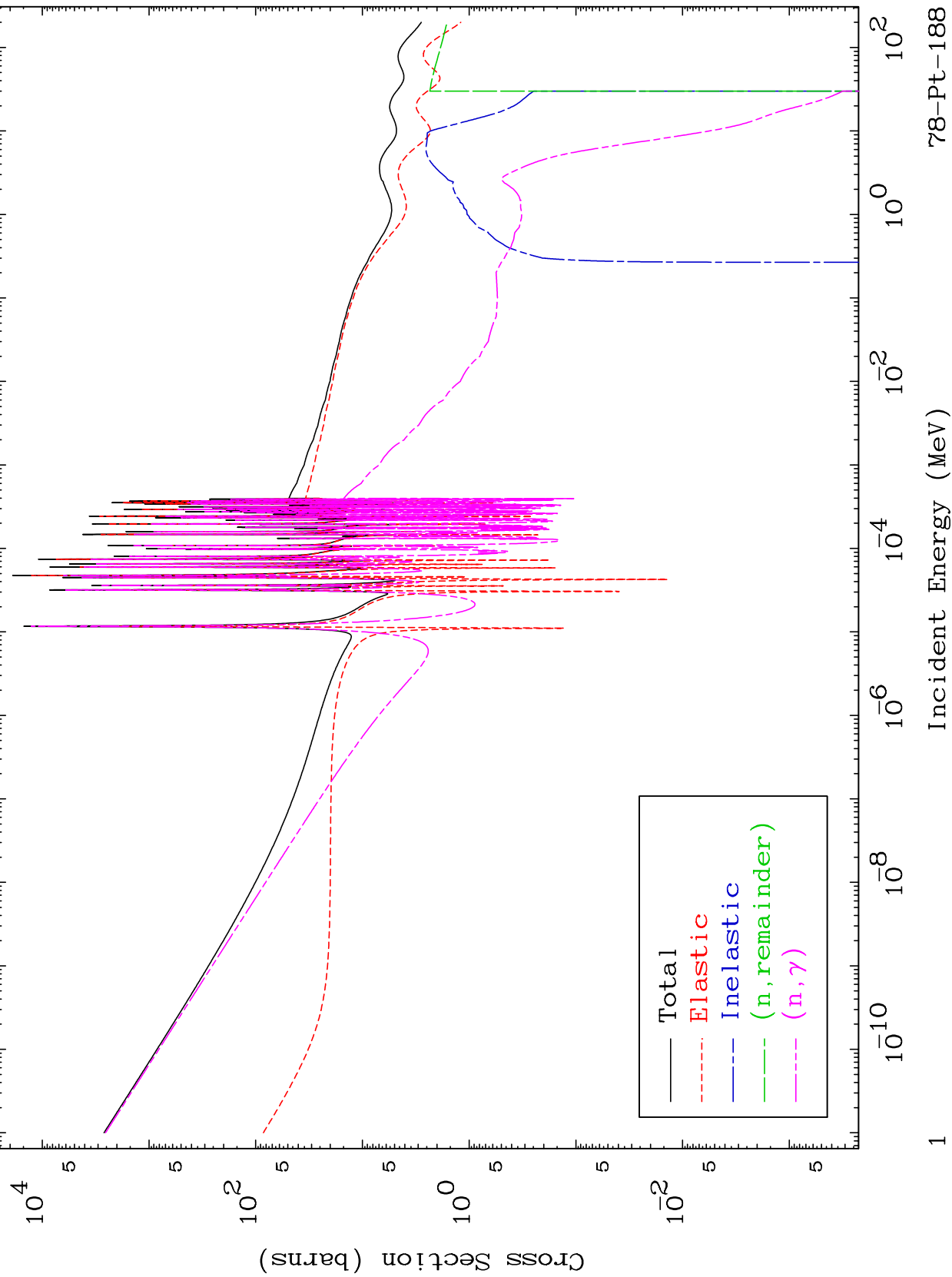
Press Mouse Button to Start

MAT 7819

Major

293 Kelvin Cross Sections

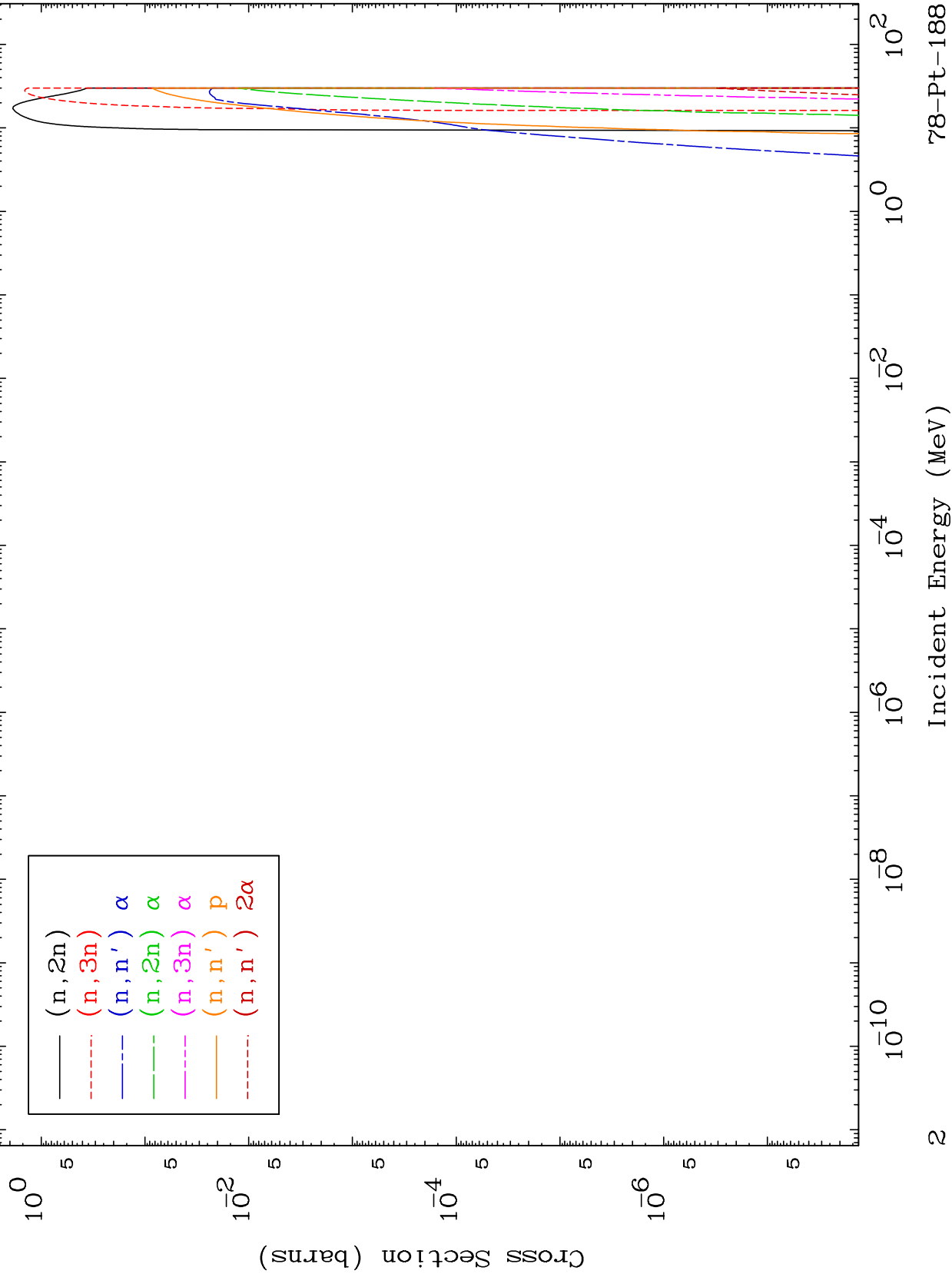
78-Pt-188

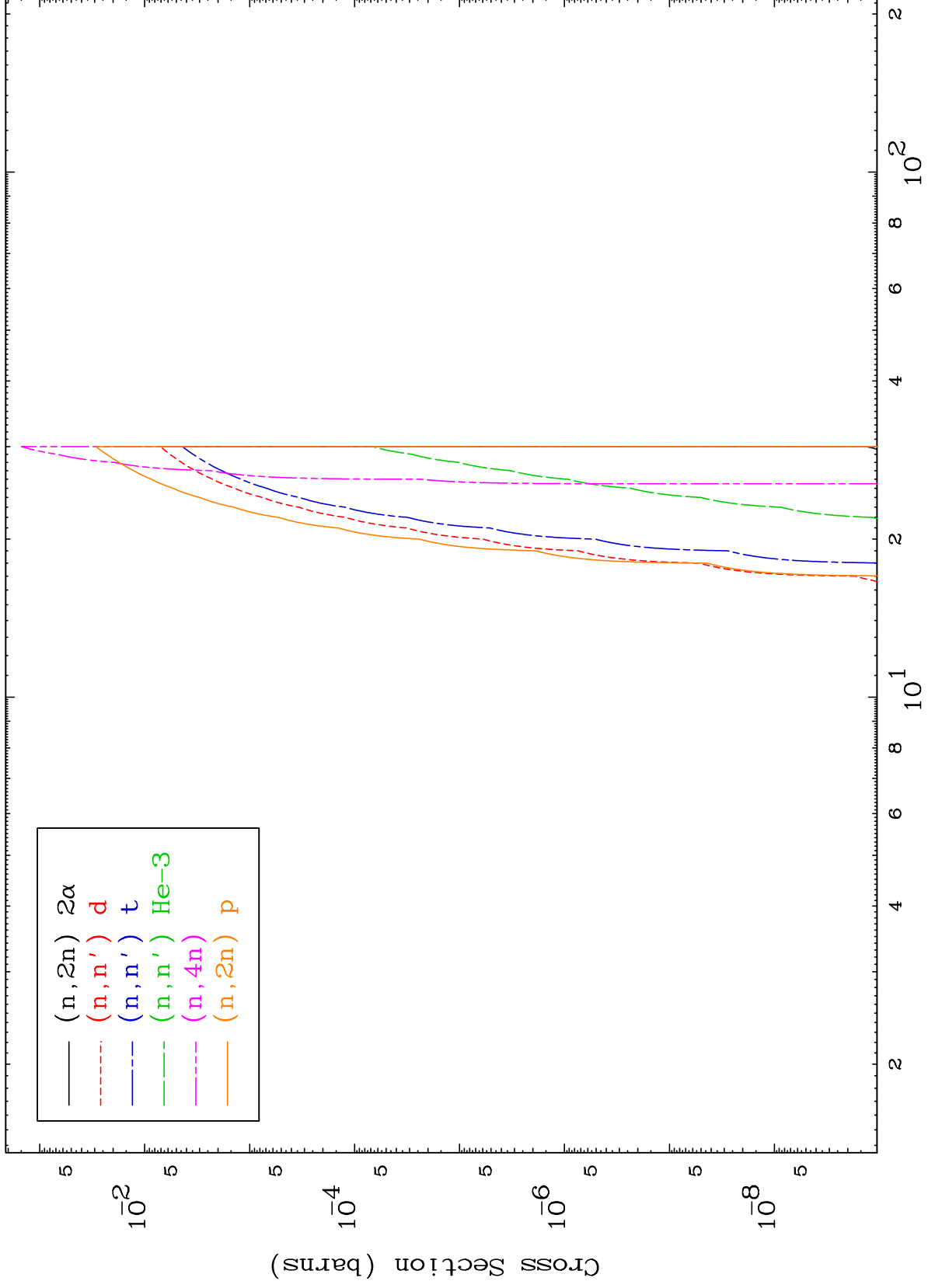


MAT 7819

Neutron Production  
293 Kelvin Cross Sections

78-Pt-188

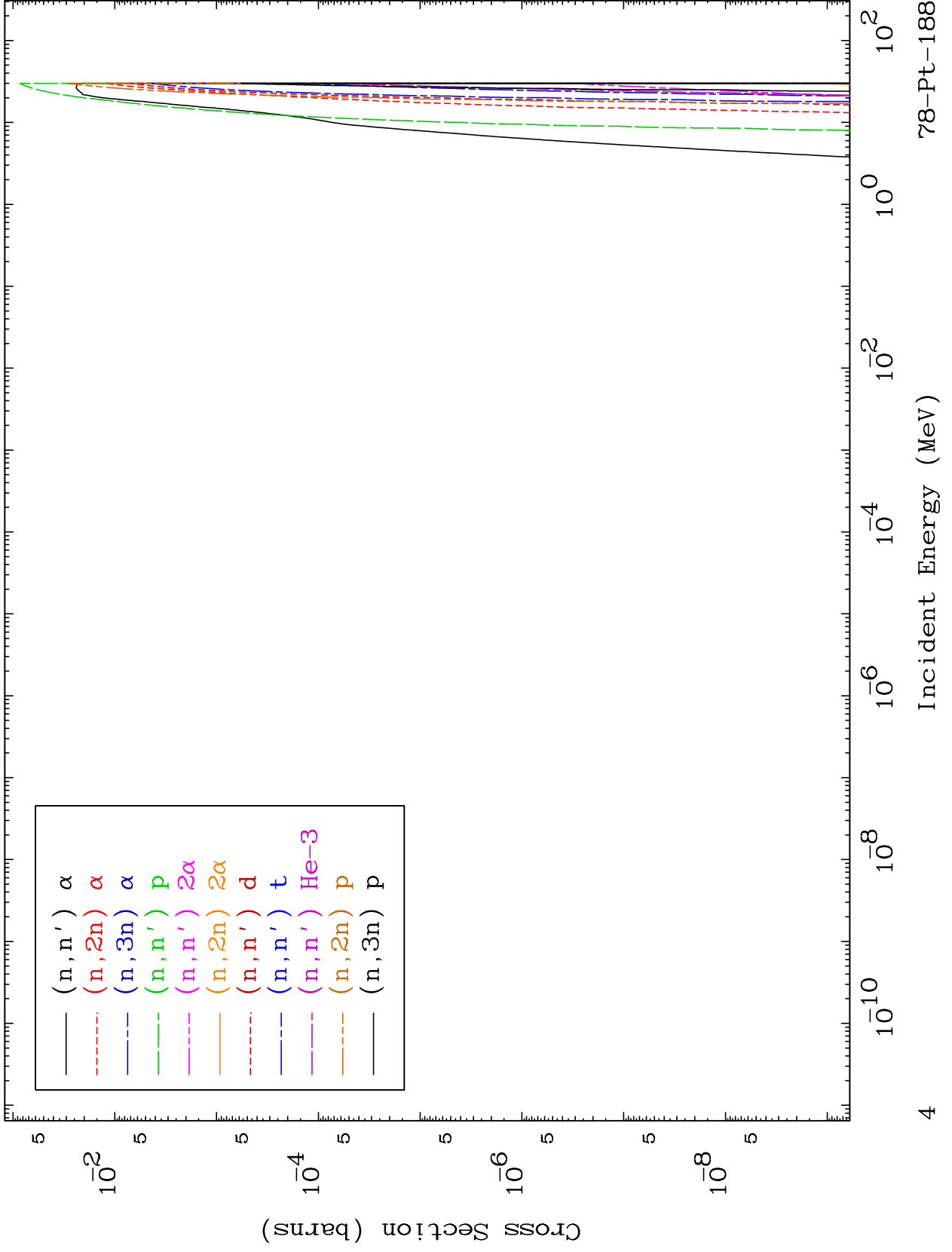




MAT 7819

Charged Particle  
293 Kelvin Cross Sections

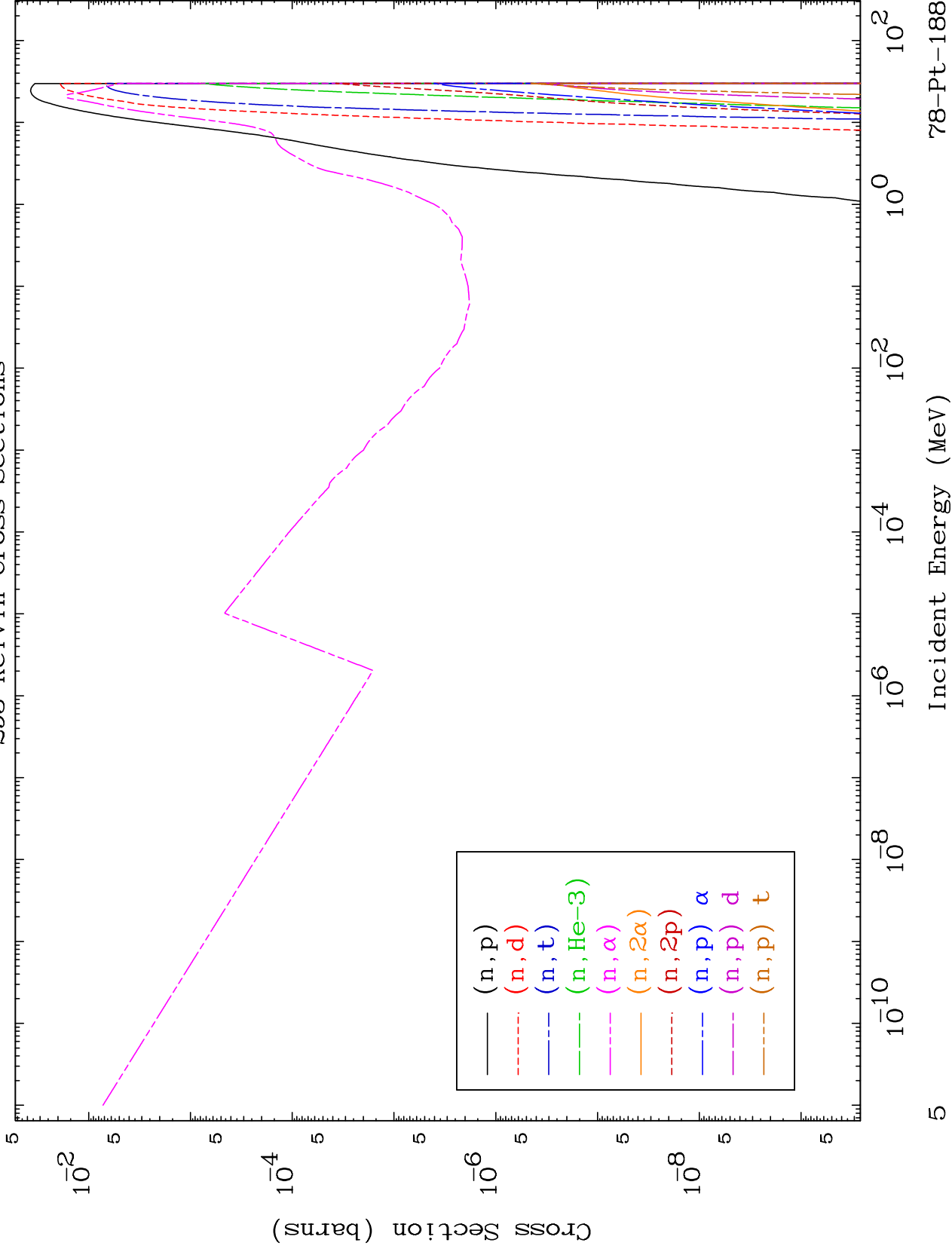
78-Pt-188



MAT 7819

Charged Particle  
293 Kelvin Cross Sections

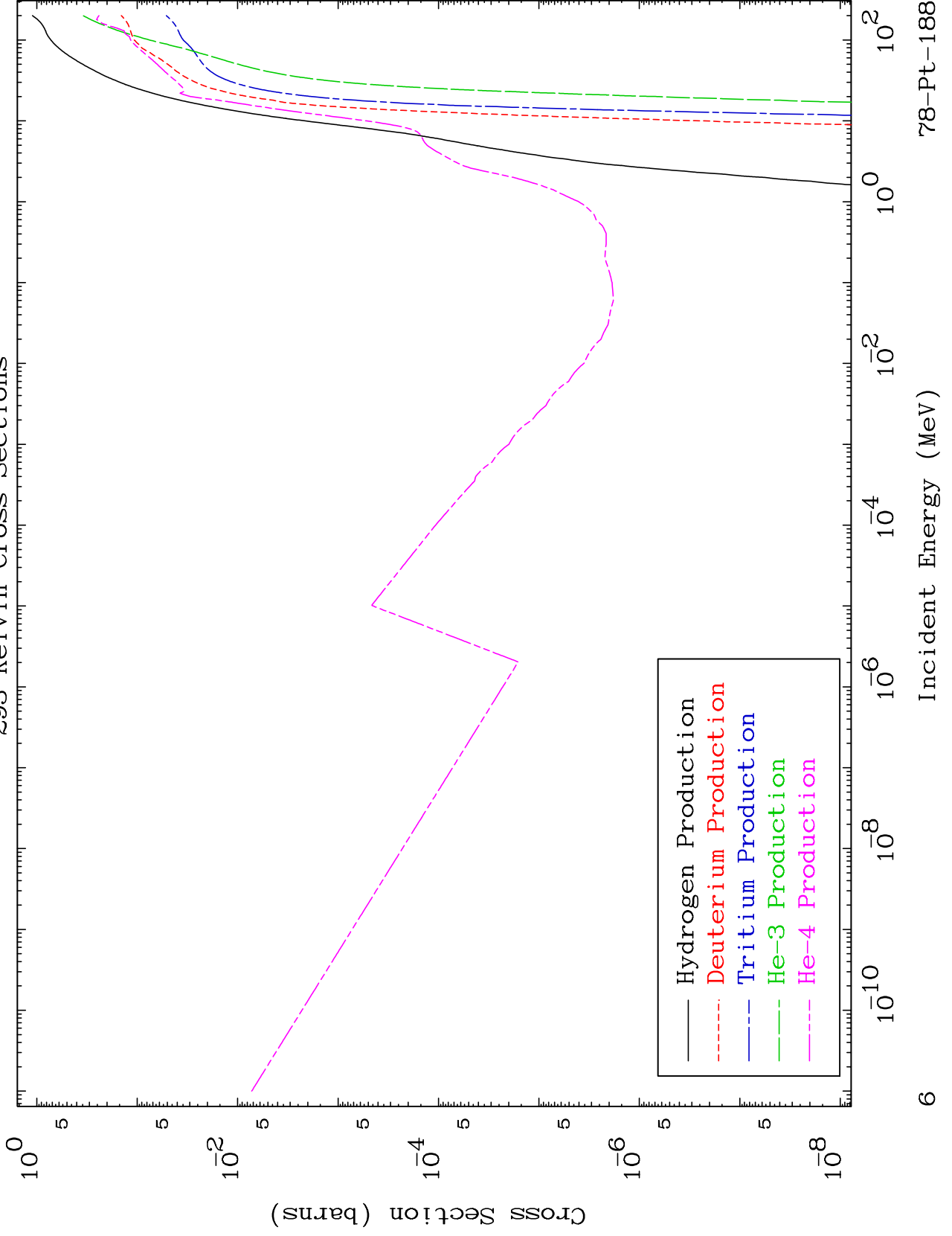
78-Pt-188



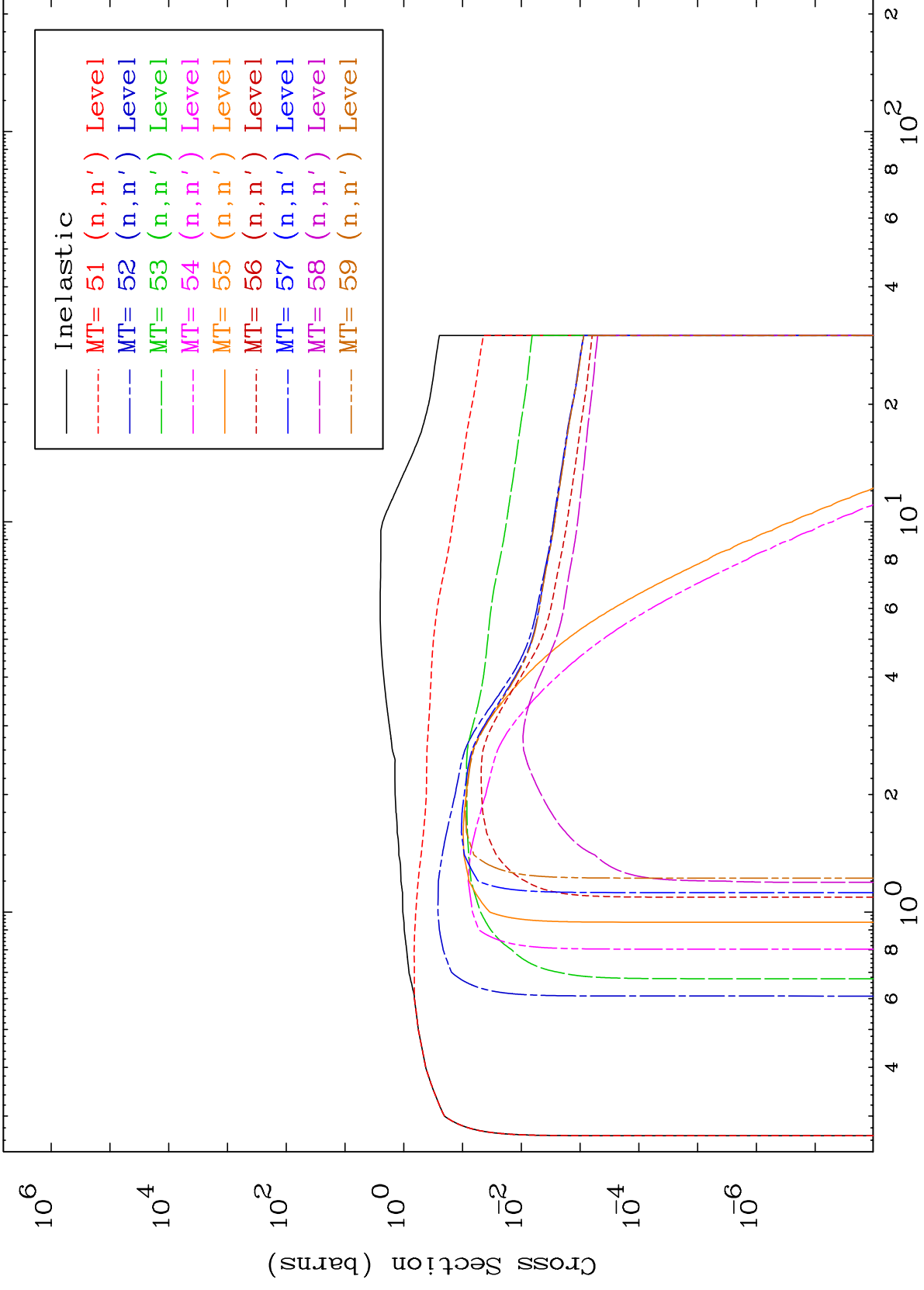
MAT 7819

Particle Production  
293 Kelvin Cross Sections

78-Pt-188



293 Kelvin Cross Sections



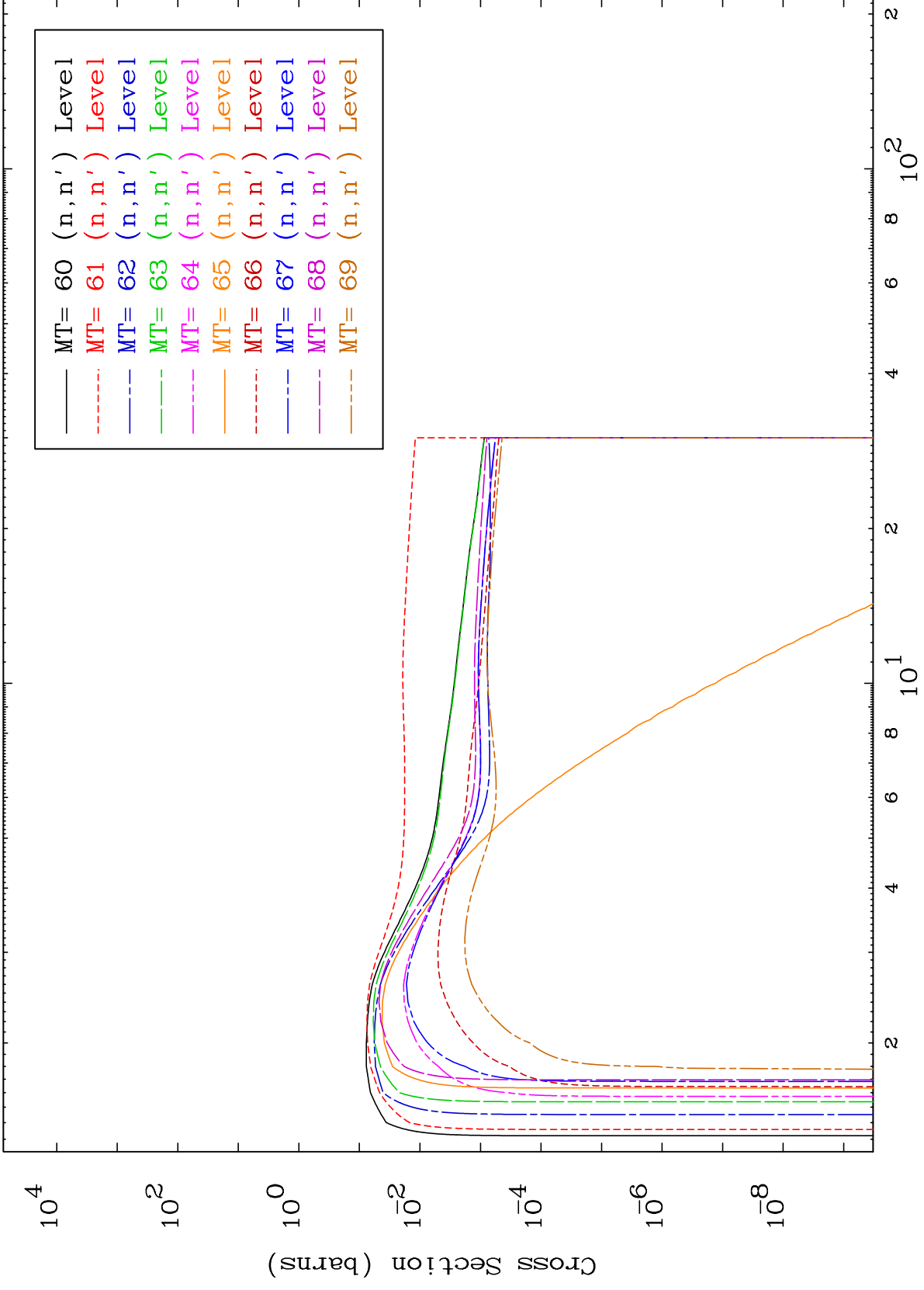


MAT 7819

(n,n') Level

78-Pt-188

293 Kelvin Cross Sections

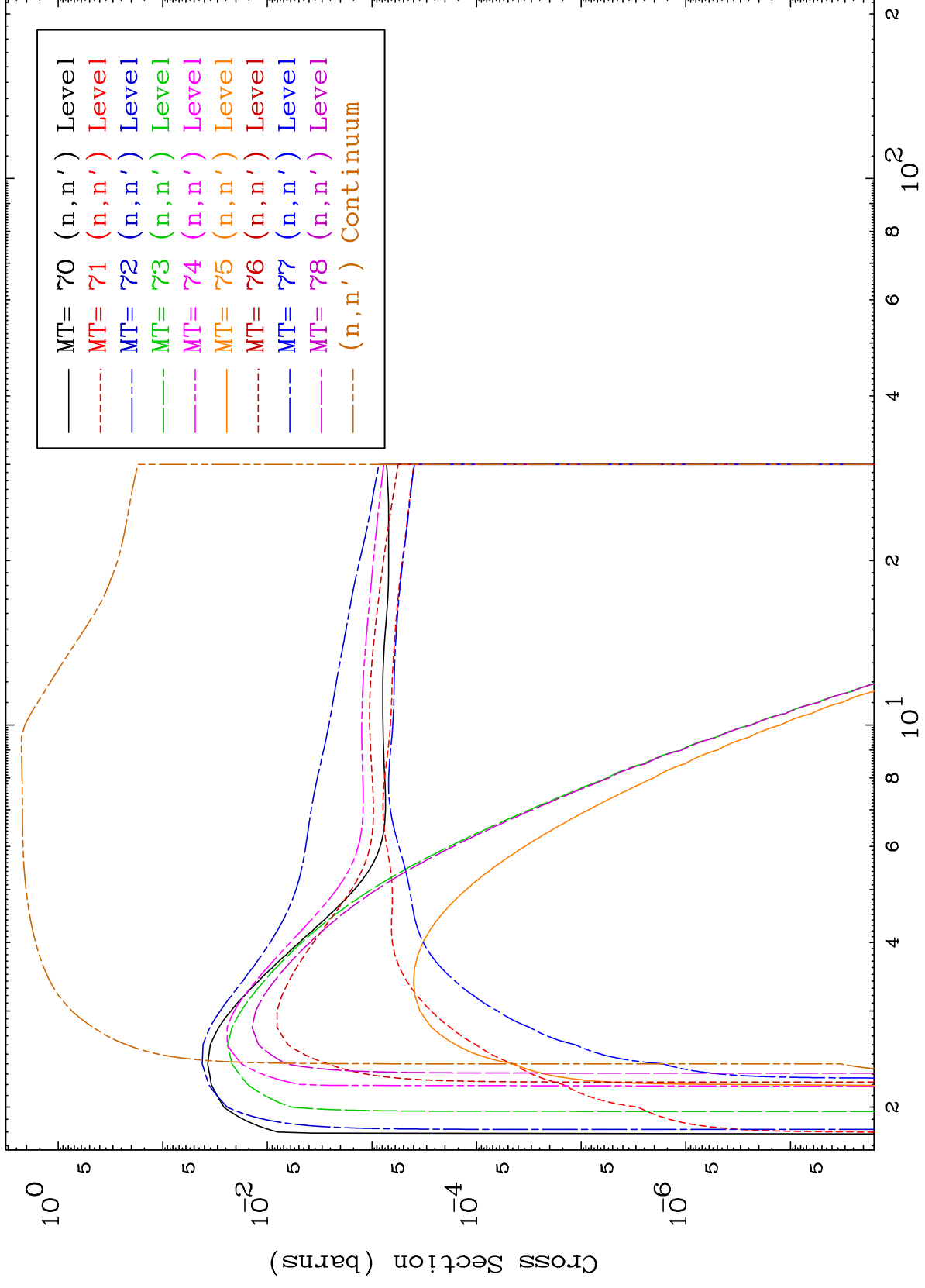


8

Incident Energy (MeV)

78-Pt-188

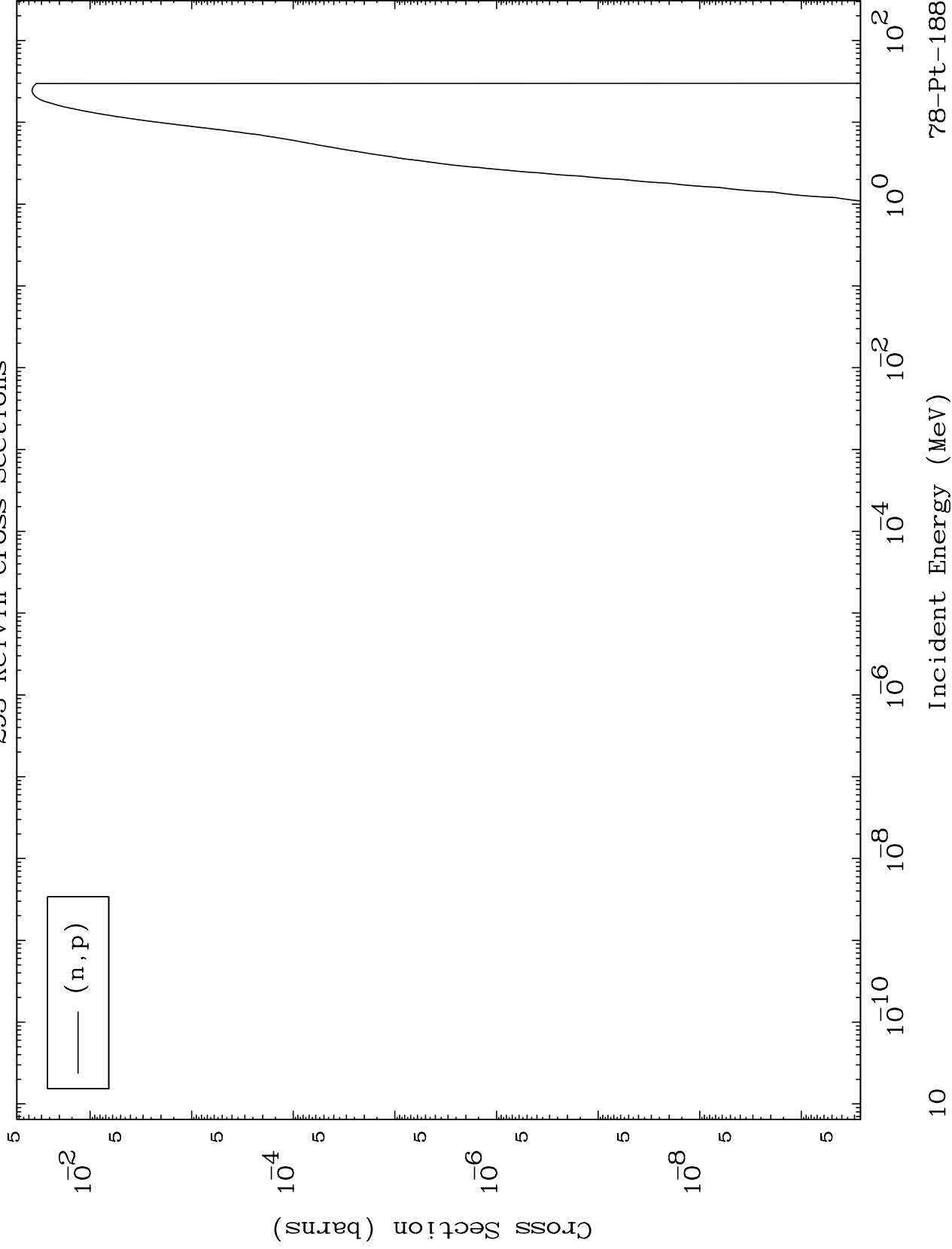
293 Kelvin Cross Sections



MAT 7819

(n,p) Levels  
293 Kelvin Cross Sections

78-Pt-188



(n,p)

10

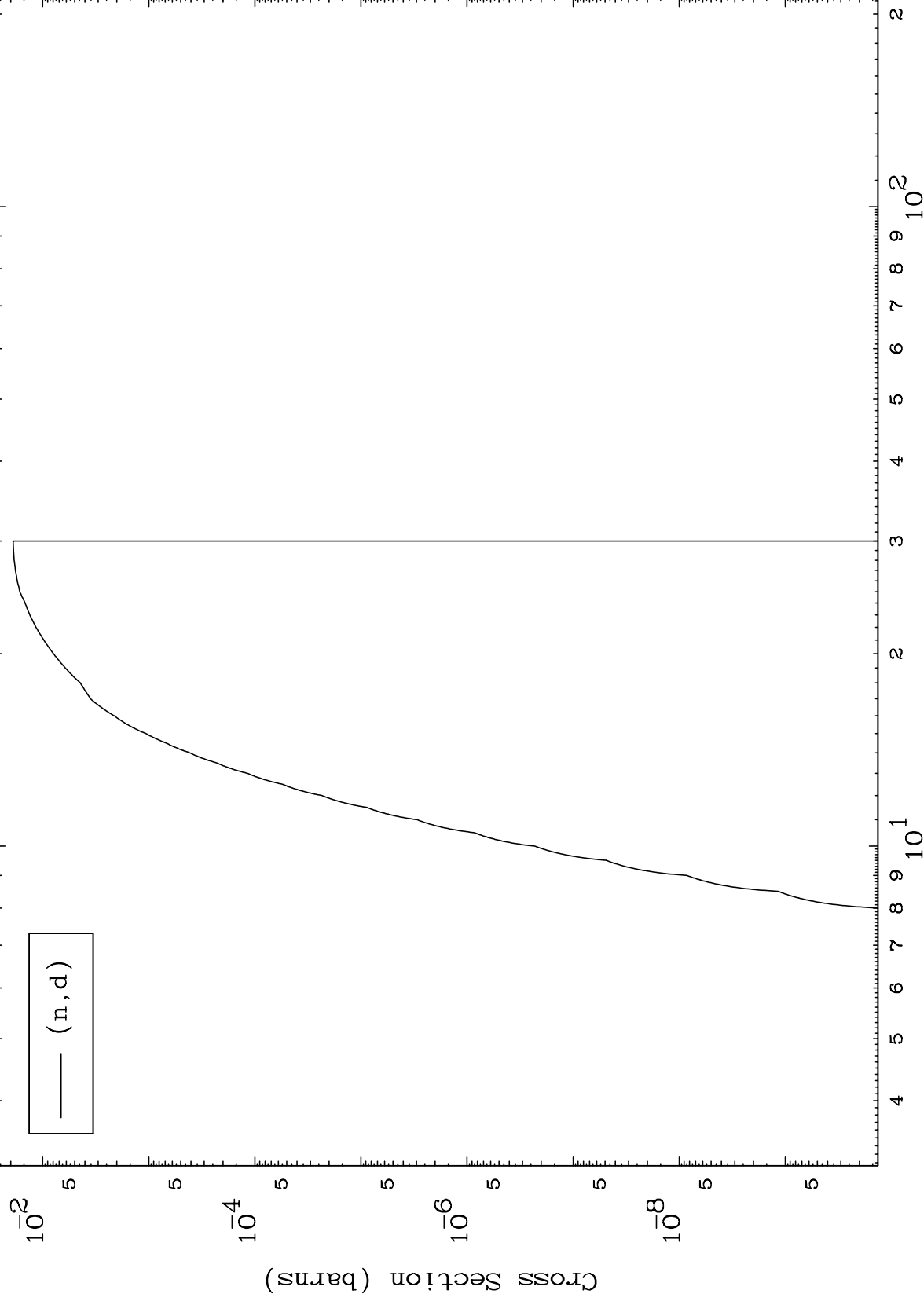
Incident Energy (MeV)

78-Pt-188

MAT 7819

(n,d) Levels  
293 Kelvin Cross Sections

78-Pt-188



11

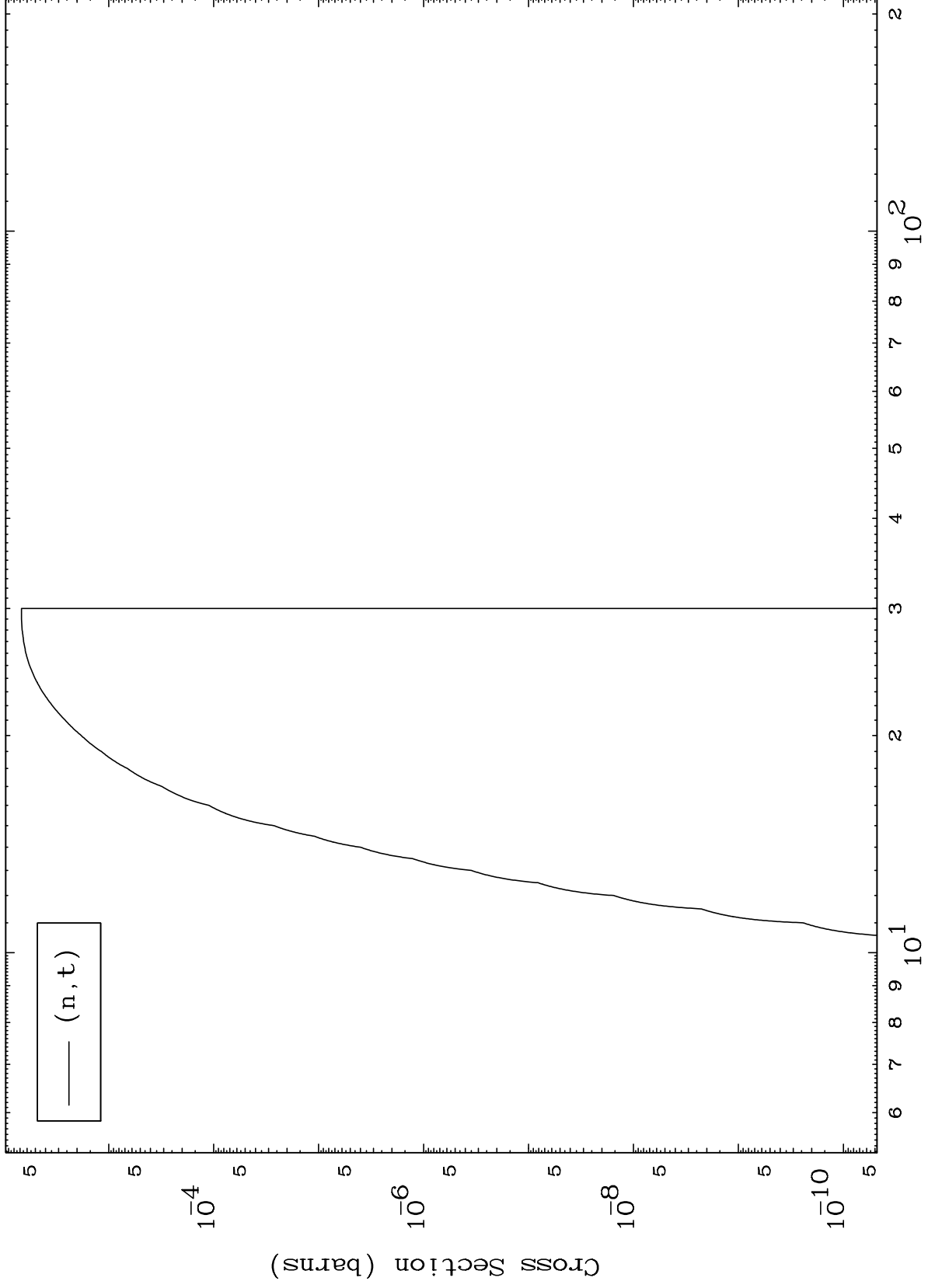
Incident Energy (MeV)

78-Pt-188

MAT 7819

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-188



12

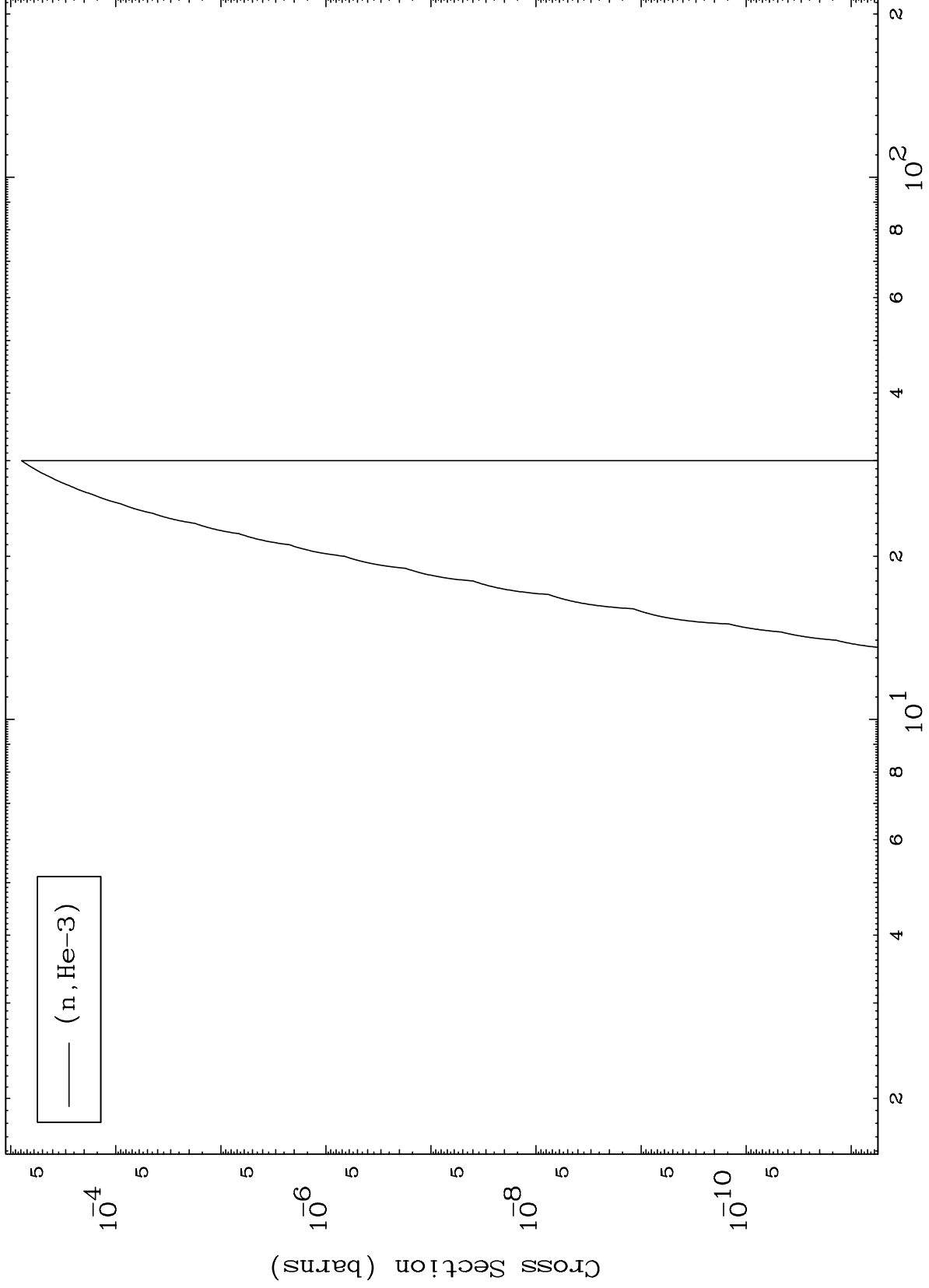
Incident Energy (MeV)

78-Pt-188

MAT 7819

(n,He3) Levels  
293 Kelvin Cross Sections

78-Pt-188



13

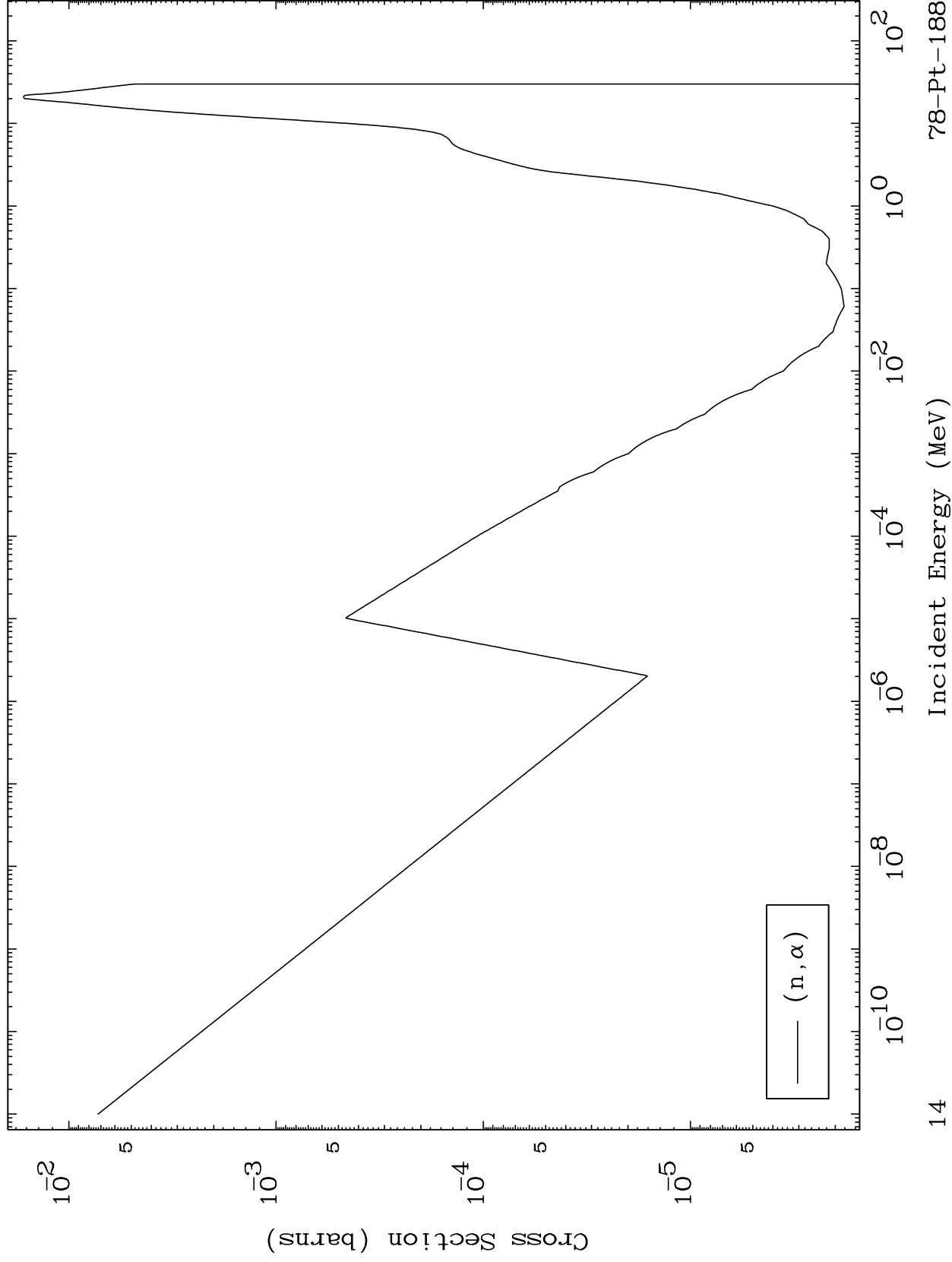
Incident Energy (MeV)

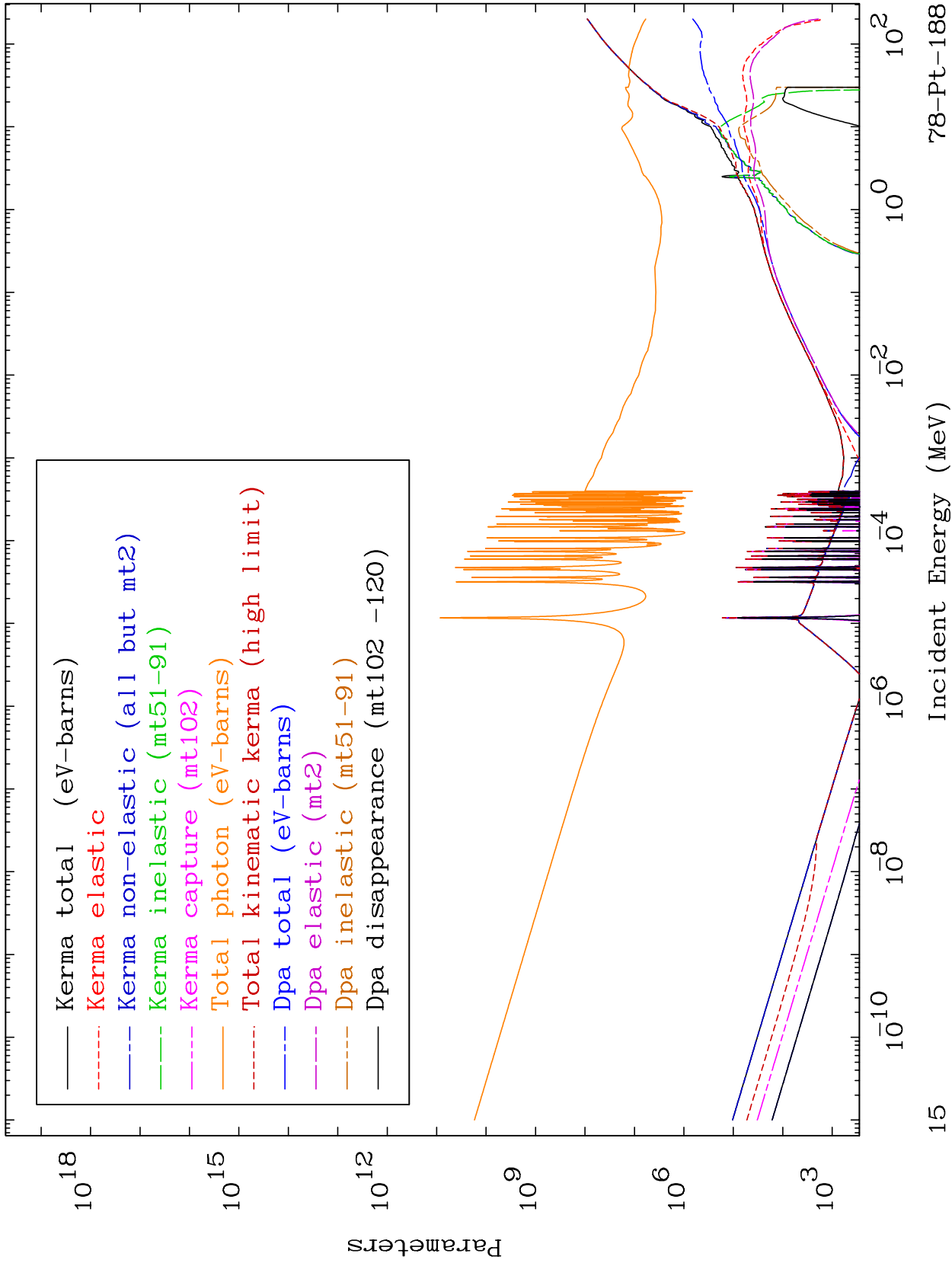
78-Pt-188

MAT 7819

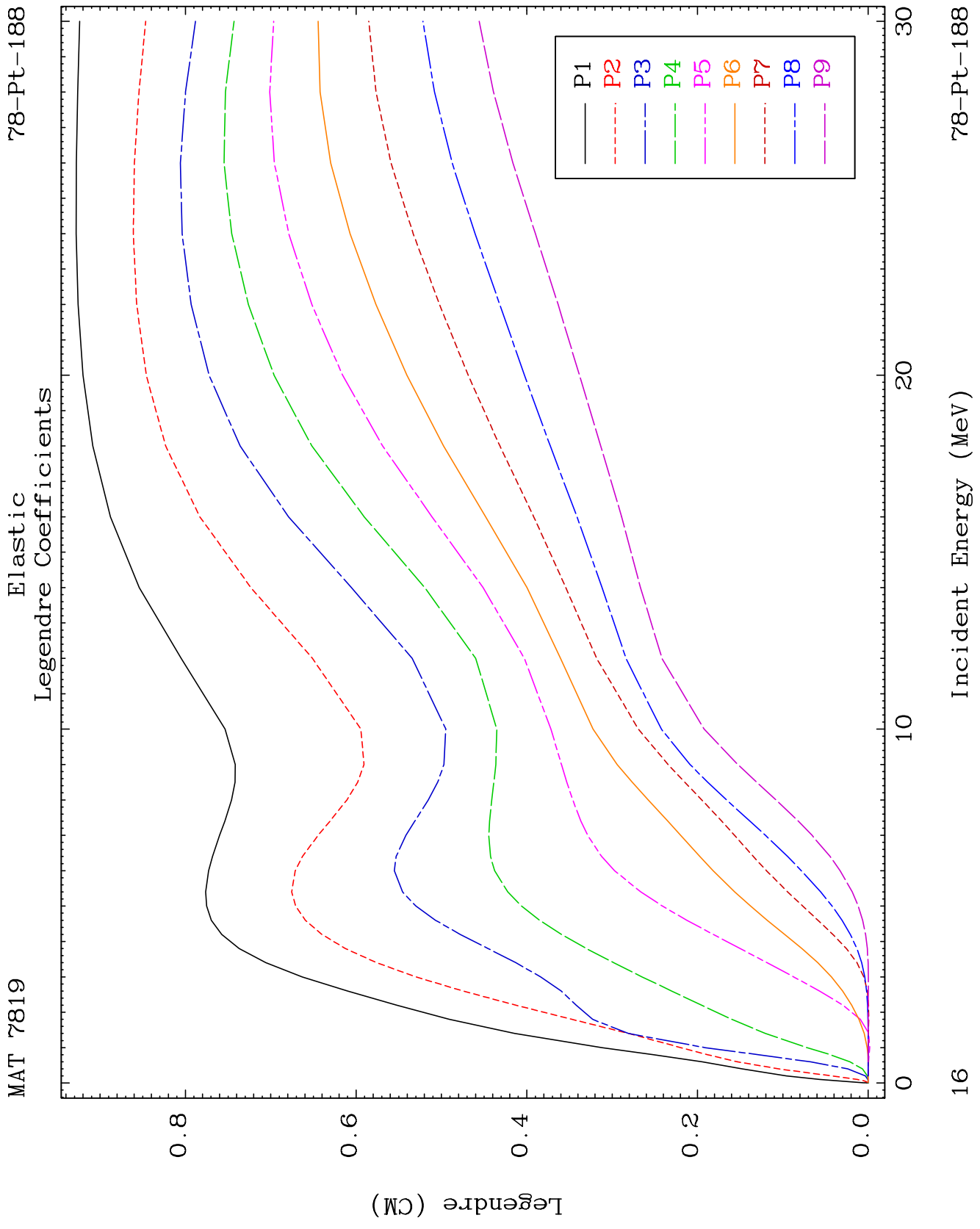
(n,α) Levels  
293 Kelvin Cross Sections

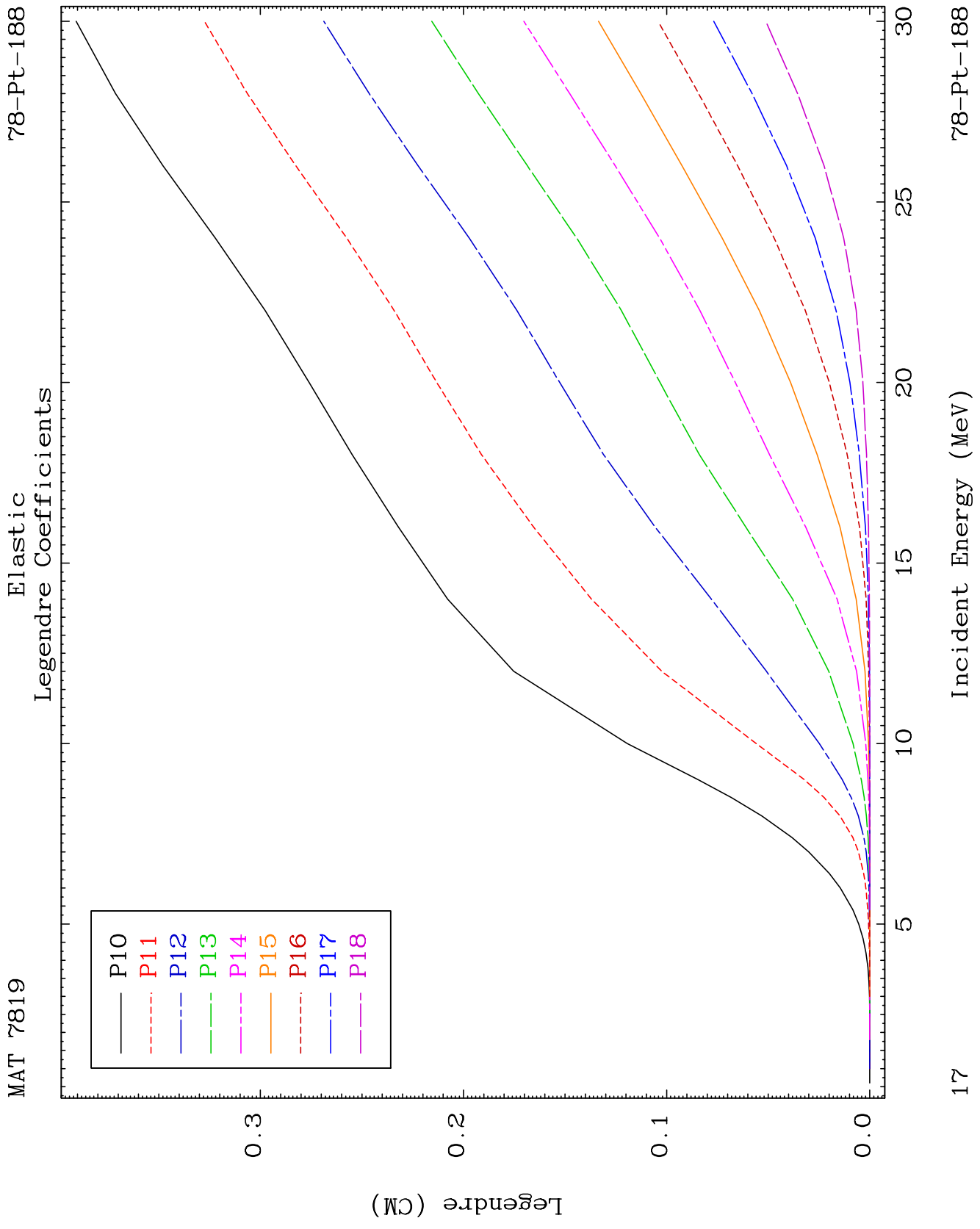
78-Pt-188









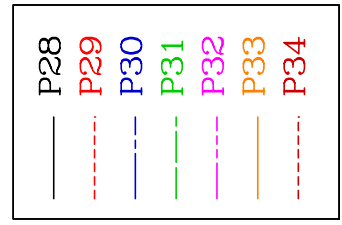




MAT 7819

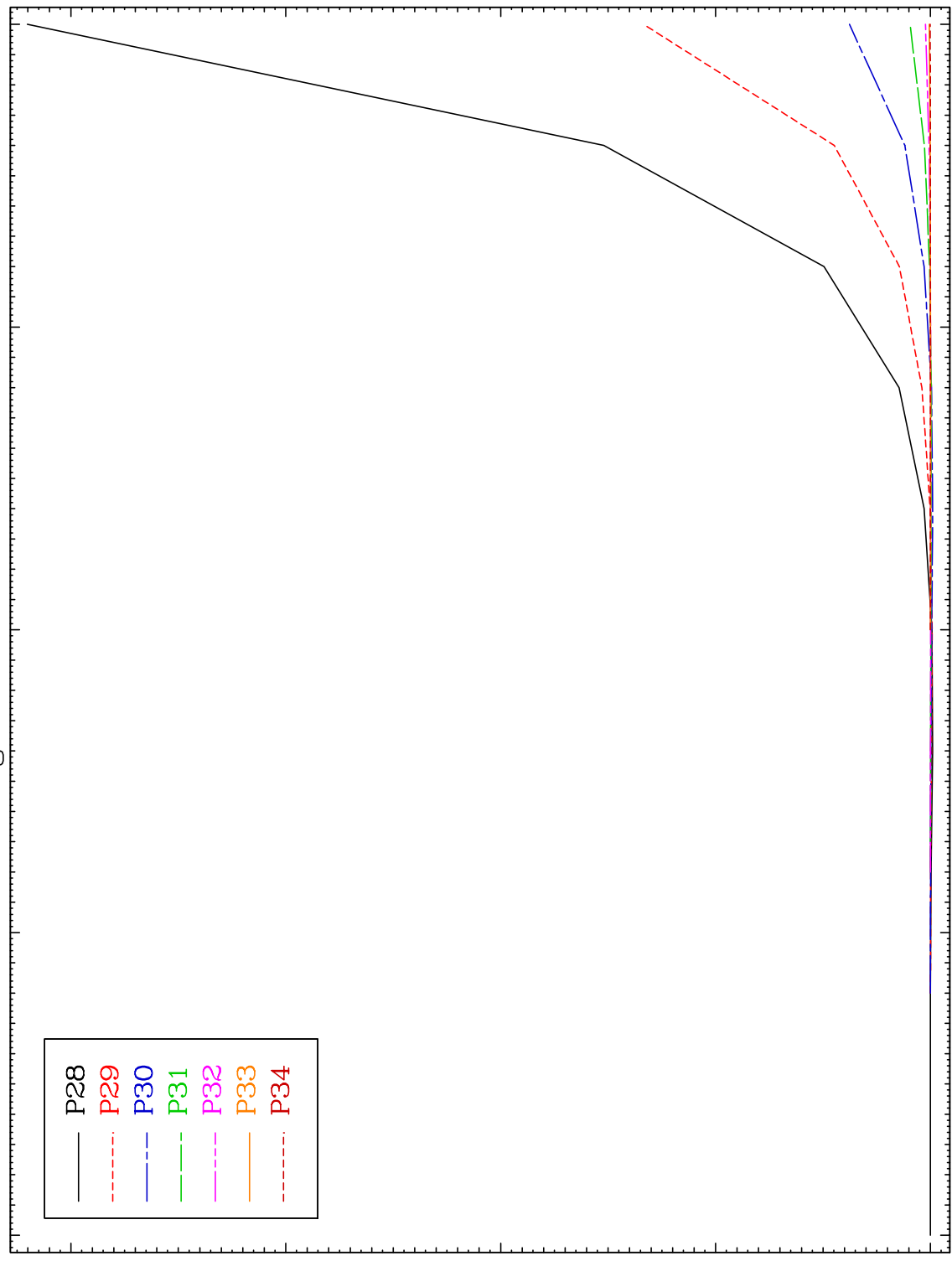
Elastic  
Legendre Coefficients

78-Pt-188



$\times 10^{-68}$

Legendre (CM)



30

25

20

15

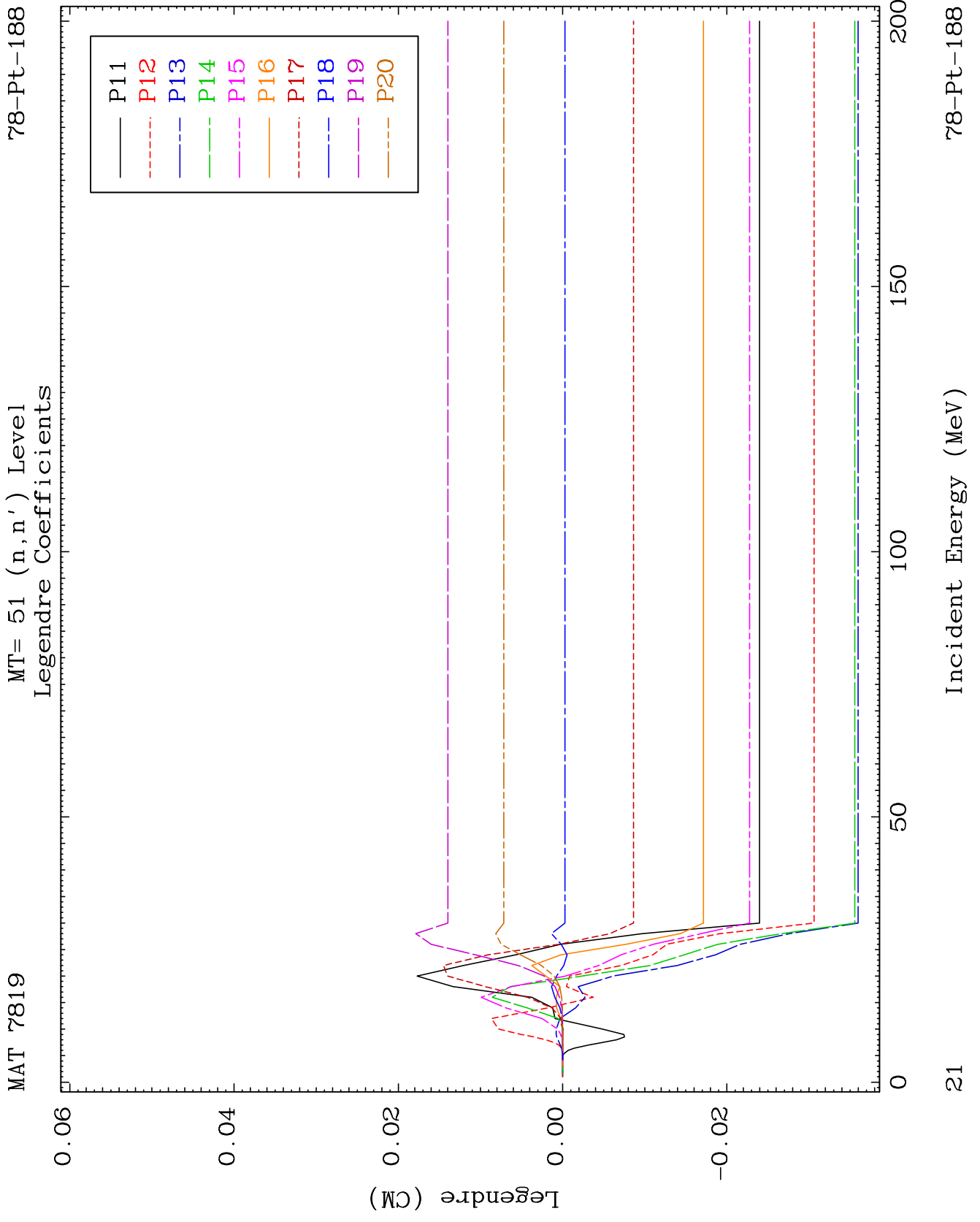
10

Incident Energy (MeV)

78-Pt-188

19

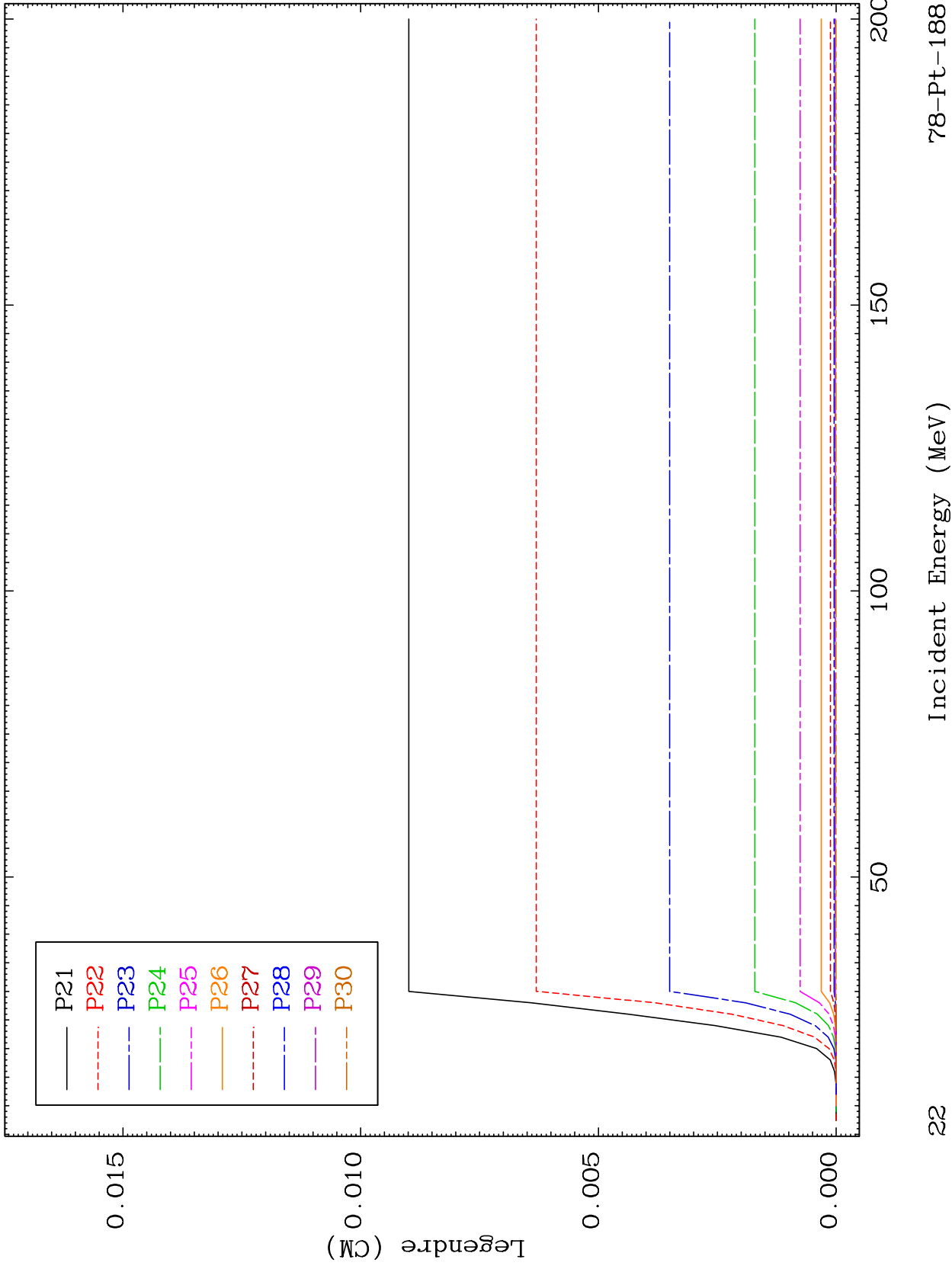




MAT 7819

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

78-Pt-188



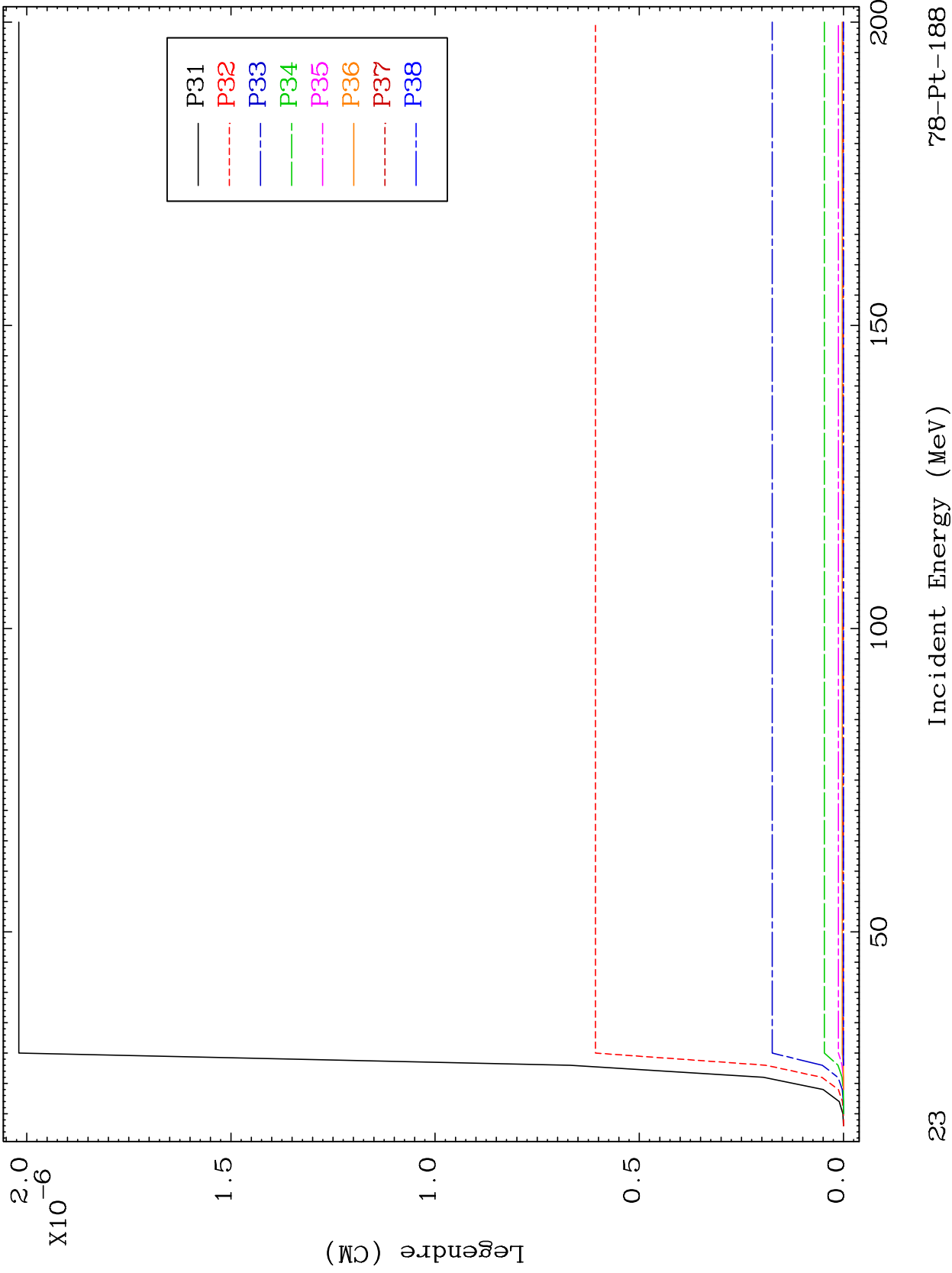
22

78-Pt-188

MAT 7819

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

78-Pt-188

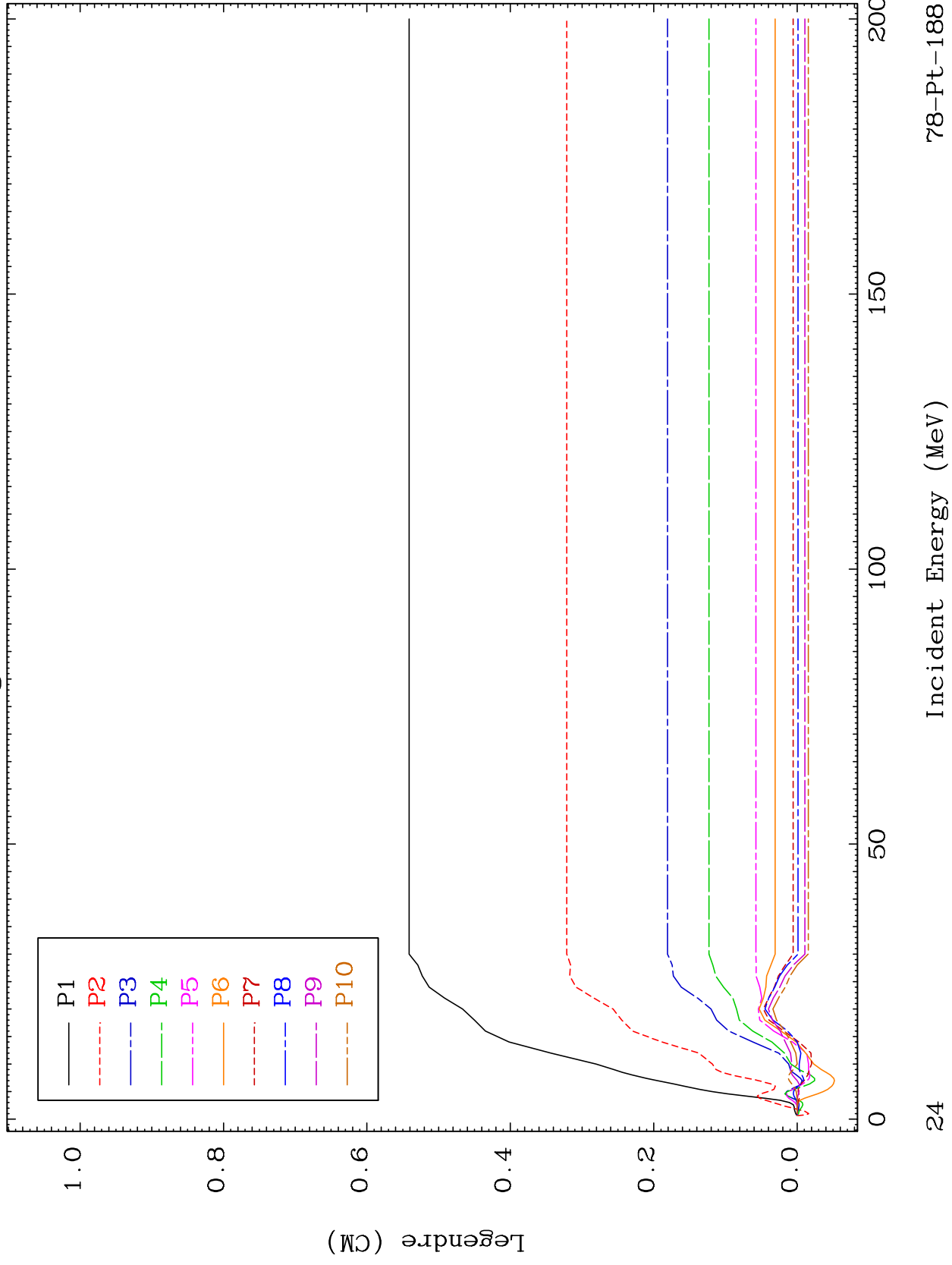


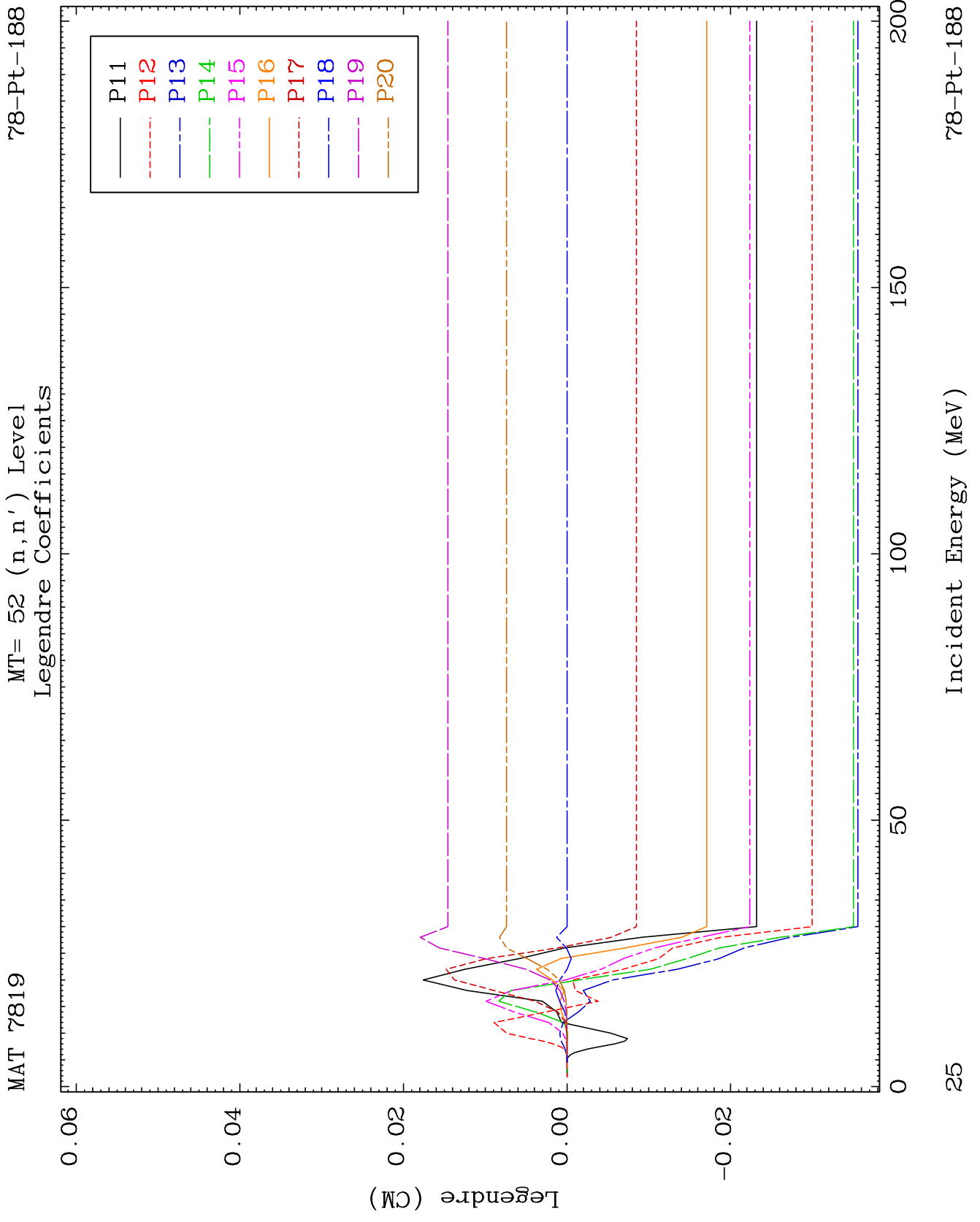


MAT 7819

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

78-Pt-188

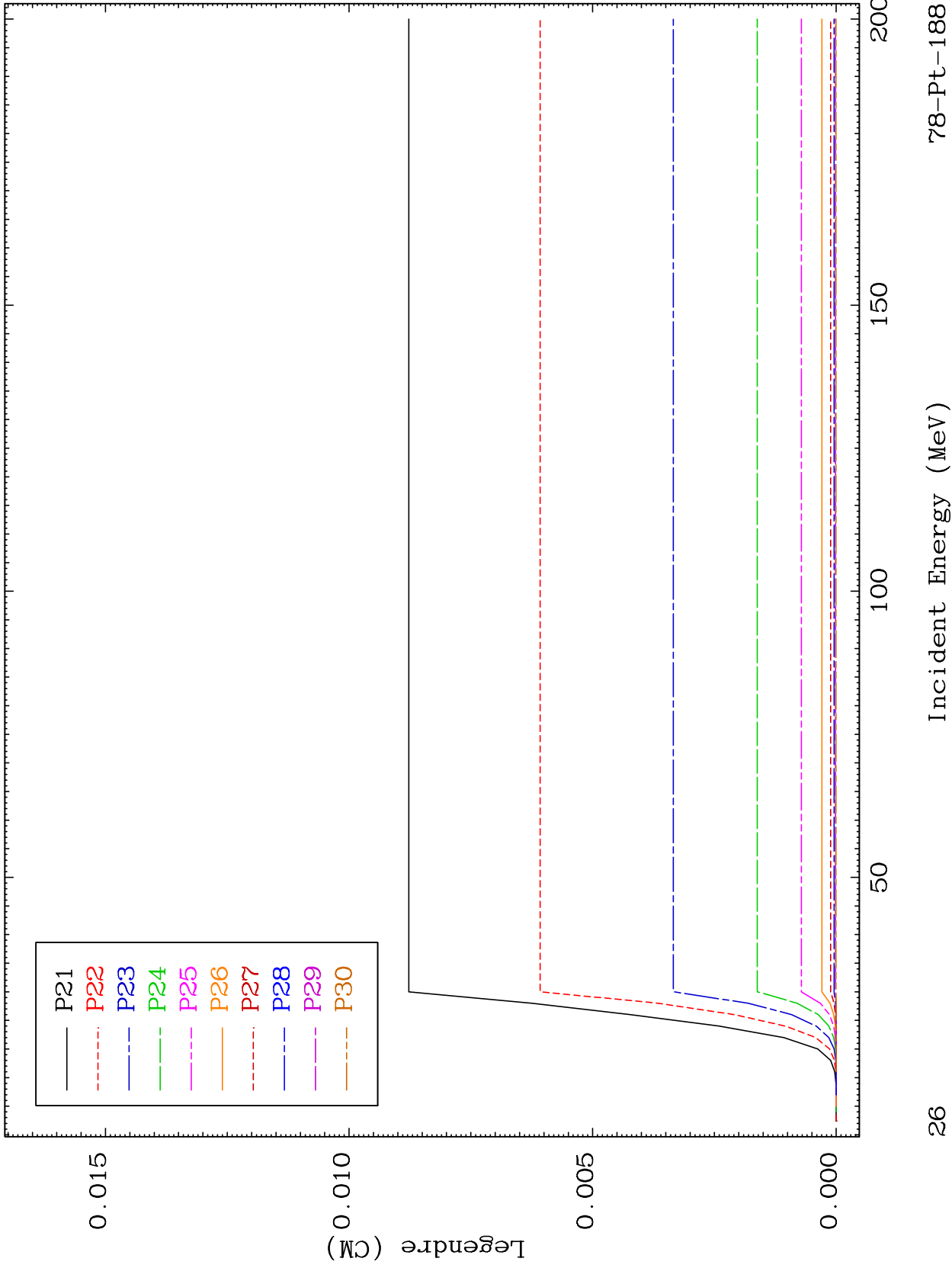




MAT 7819

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

78-Pt-188



26

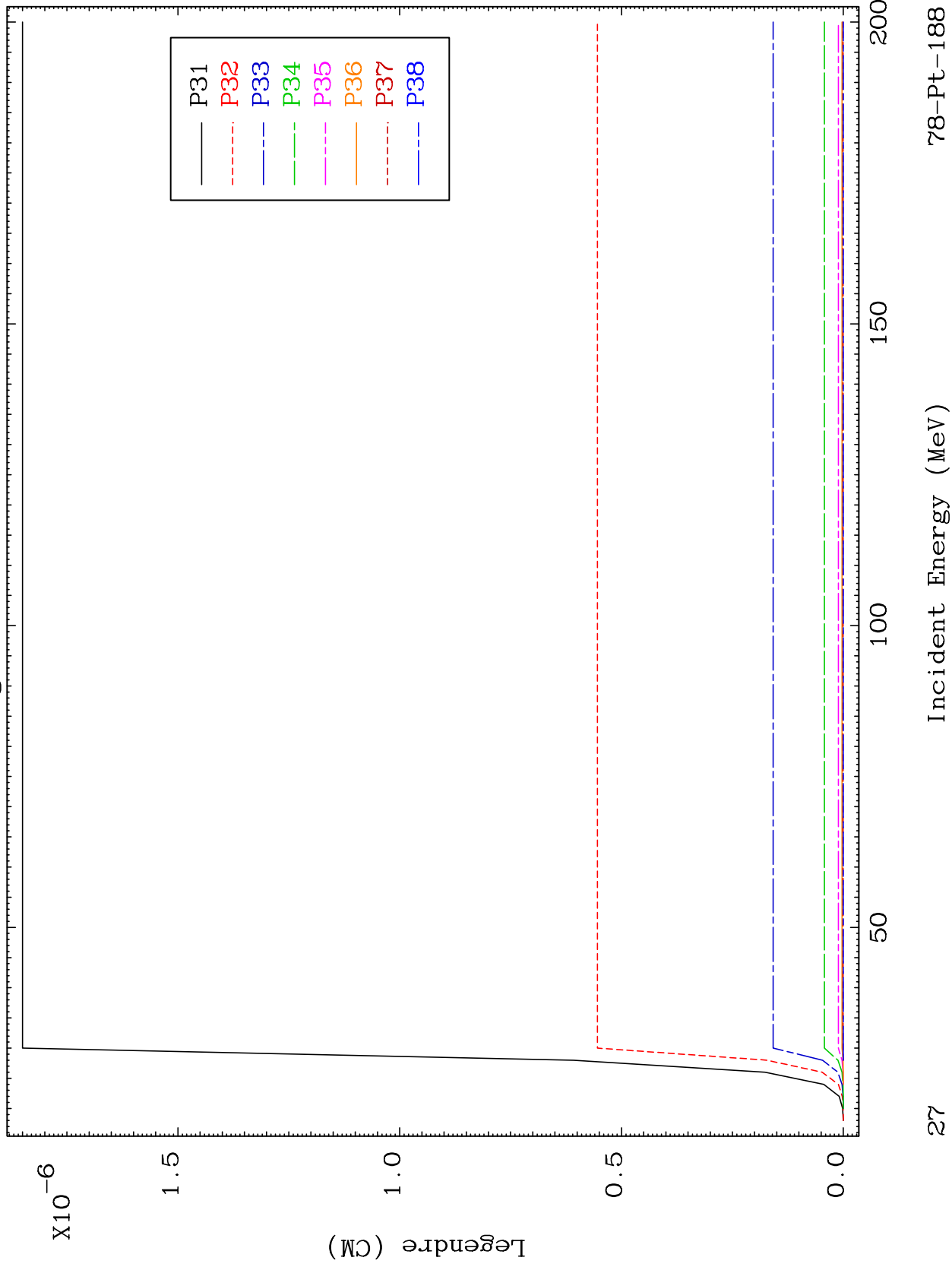
Incident Energy (MeV)

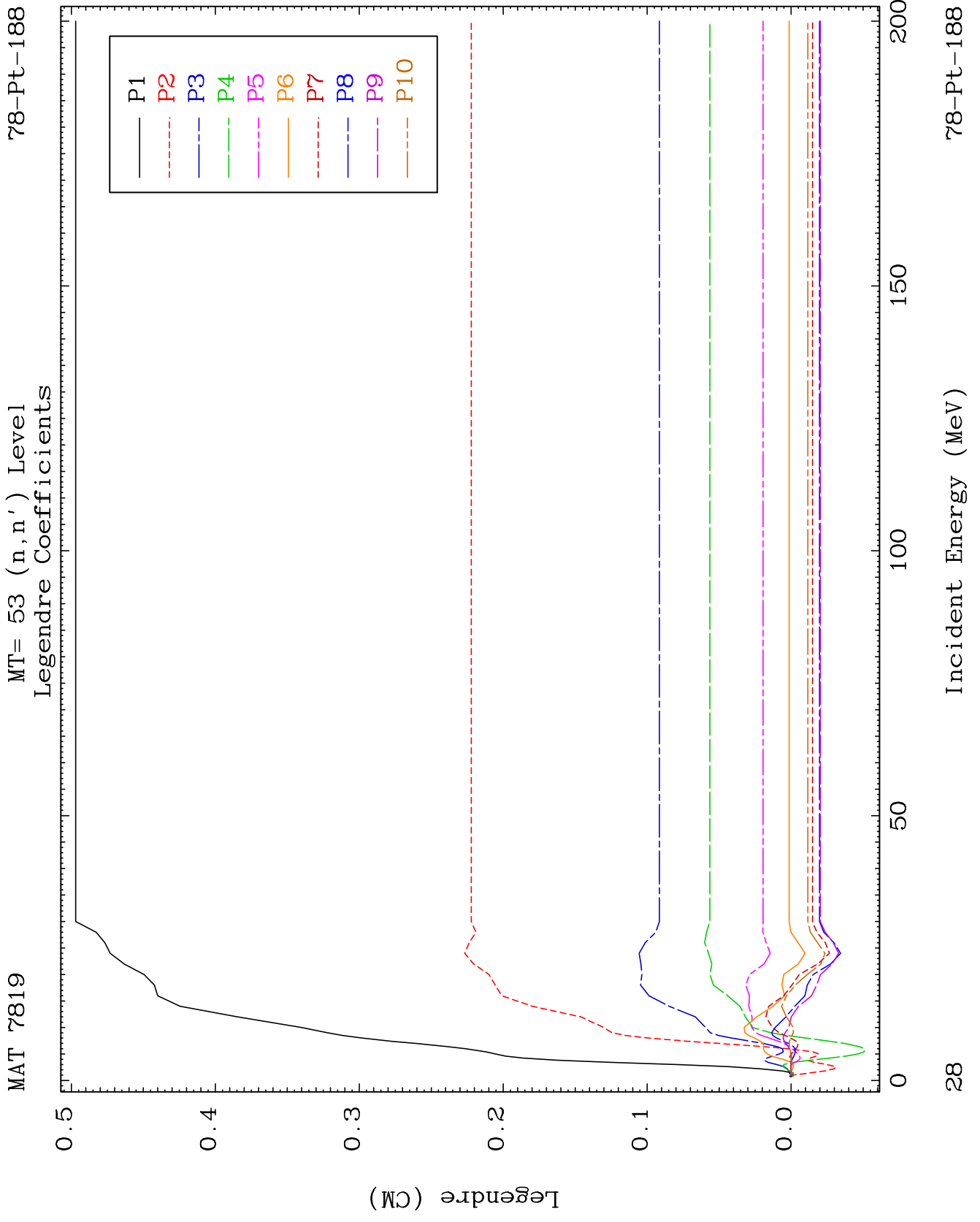
78-Pt-188

MAT 7819

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

78-Pt-188

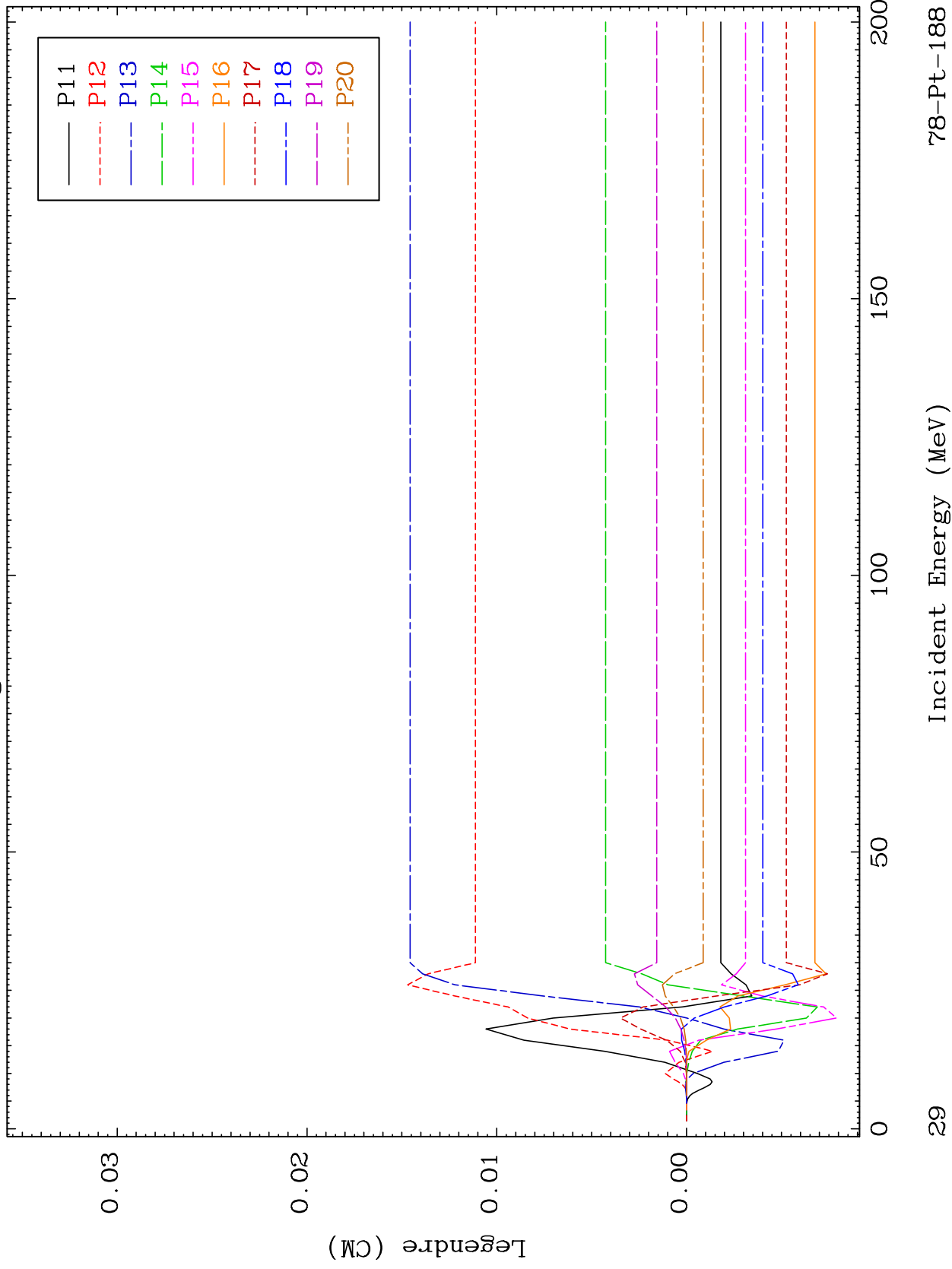




MAT 7819

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

78-Pt-188



78-Pt-188

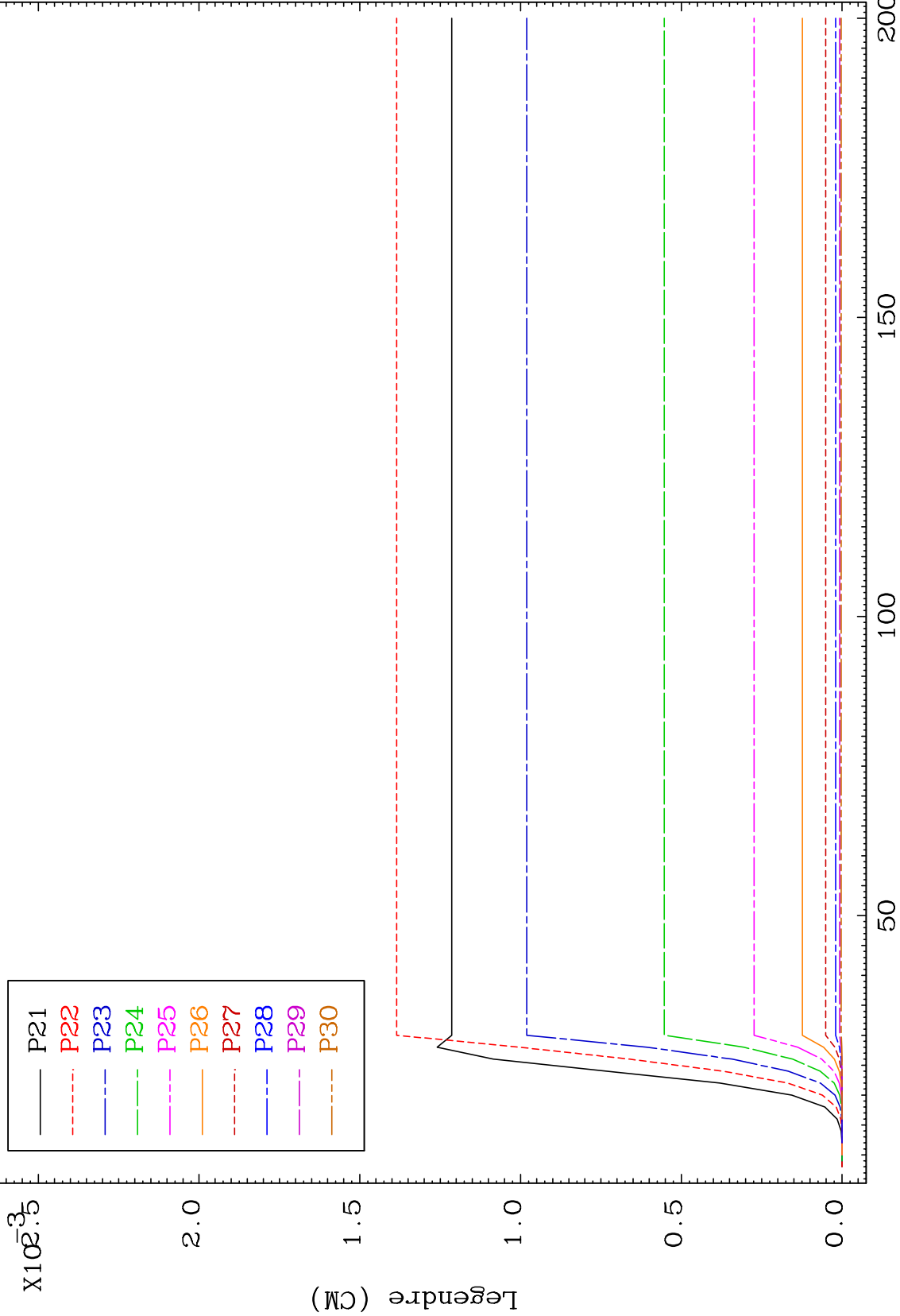
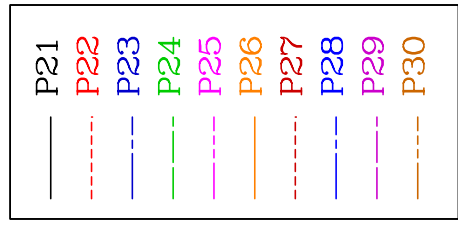
Incident Energy (MeV)

29

MAT 7819

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

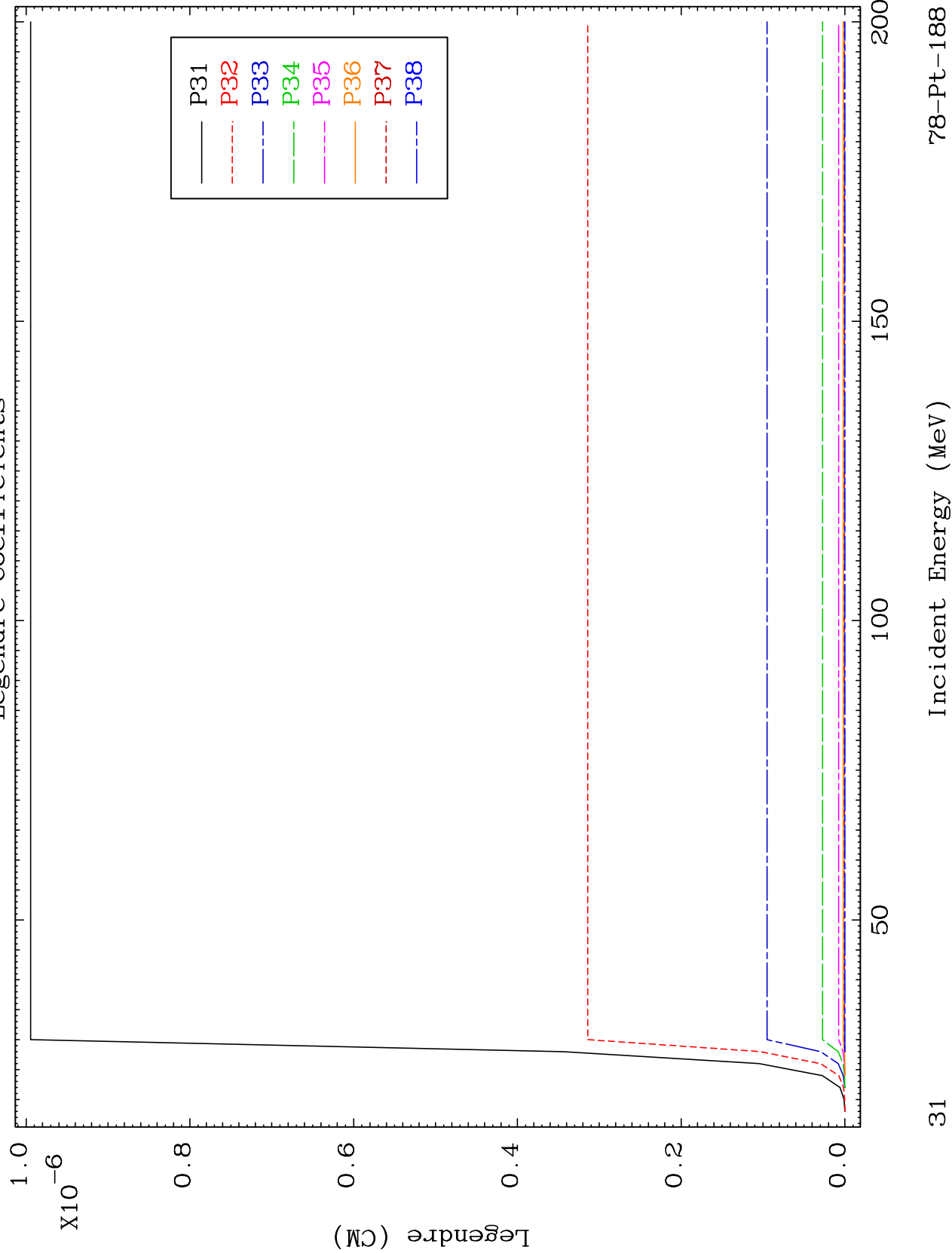
78-Pt-188



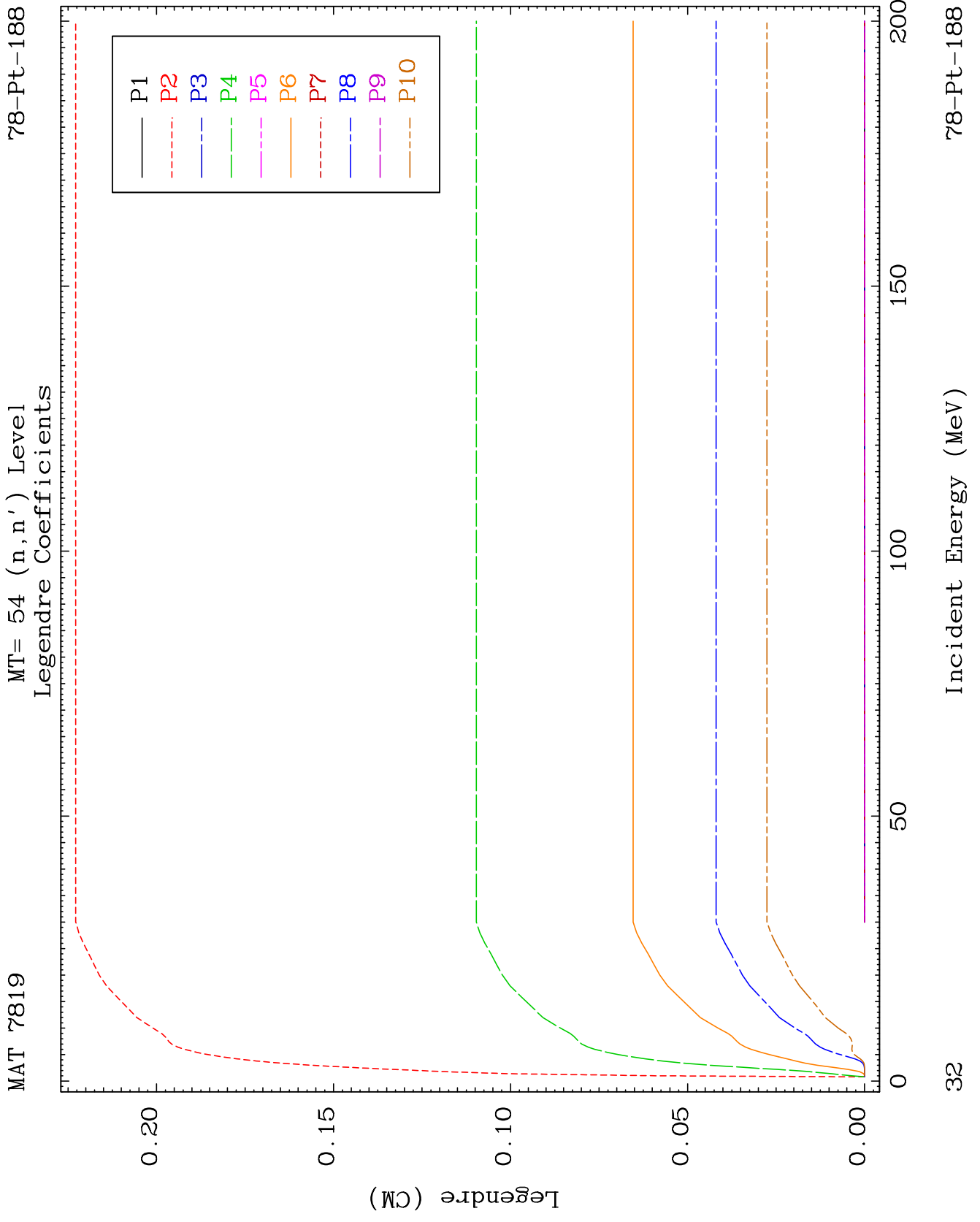
30

Incident Energy (MeV)

78-Pt-188



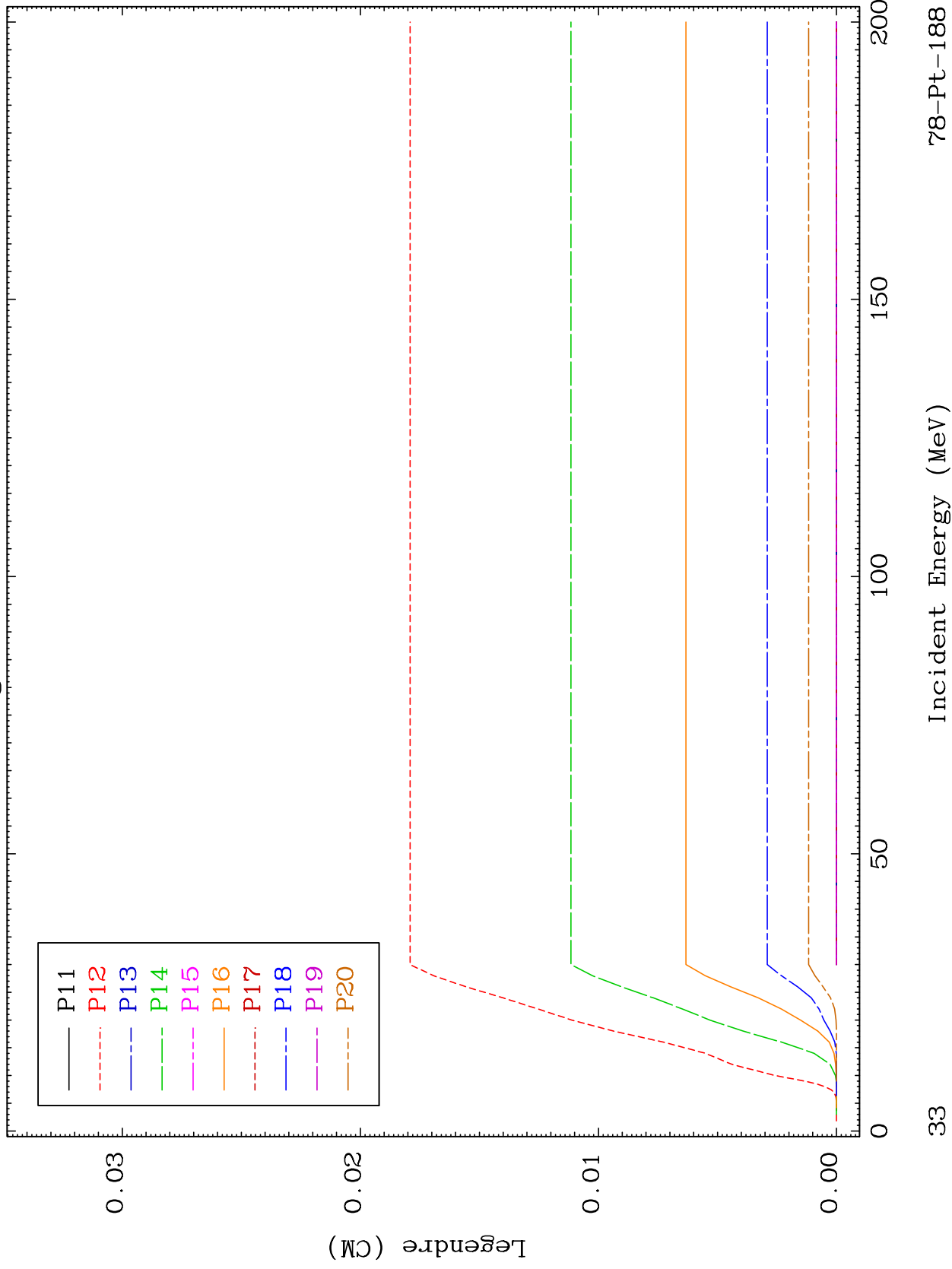




MAT 7819

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

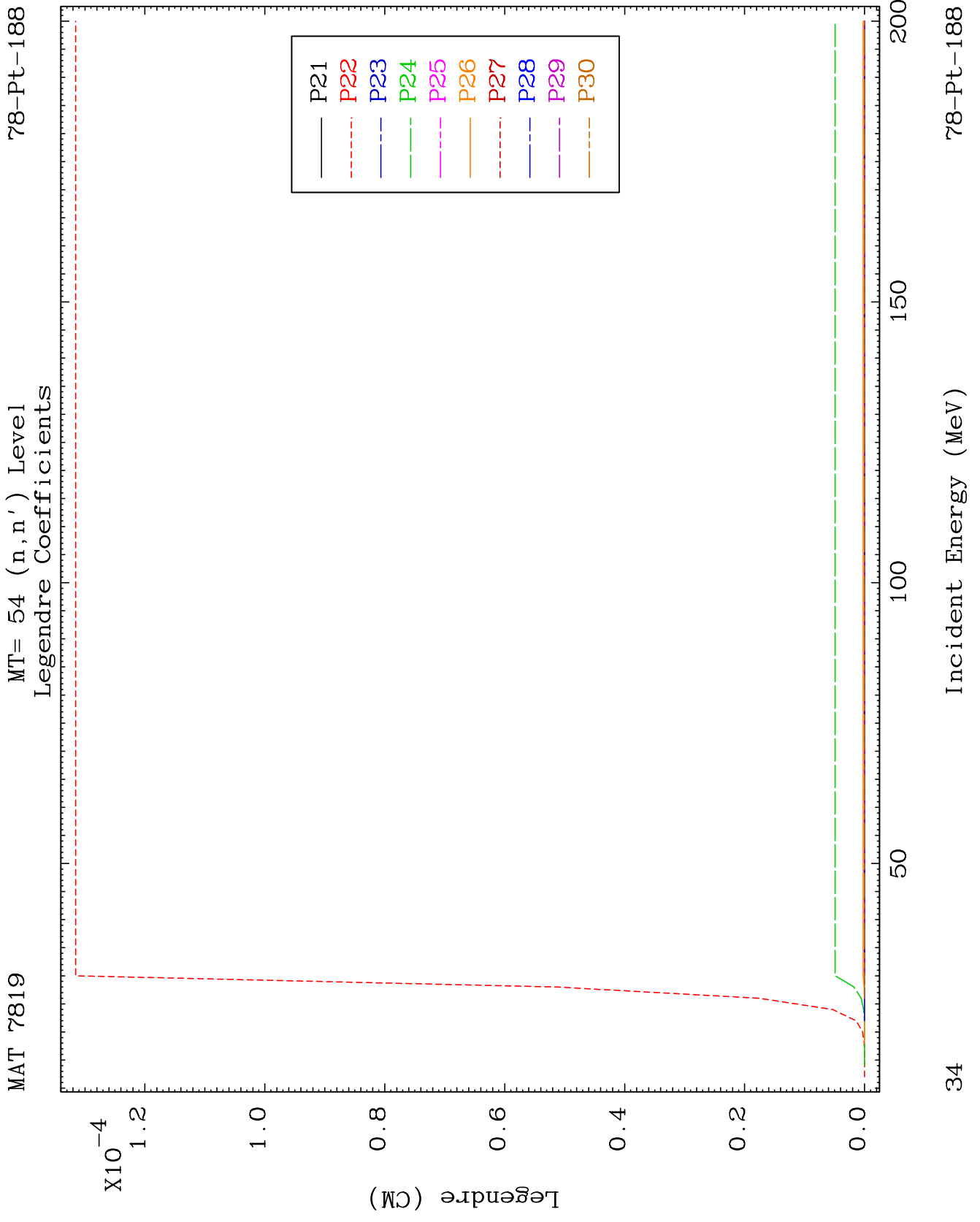
78-Pt-188



78-Pt-188

Incident Energy (MeV)

33

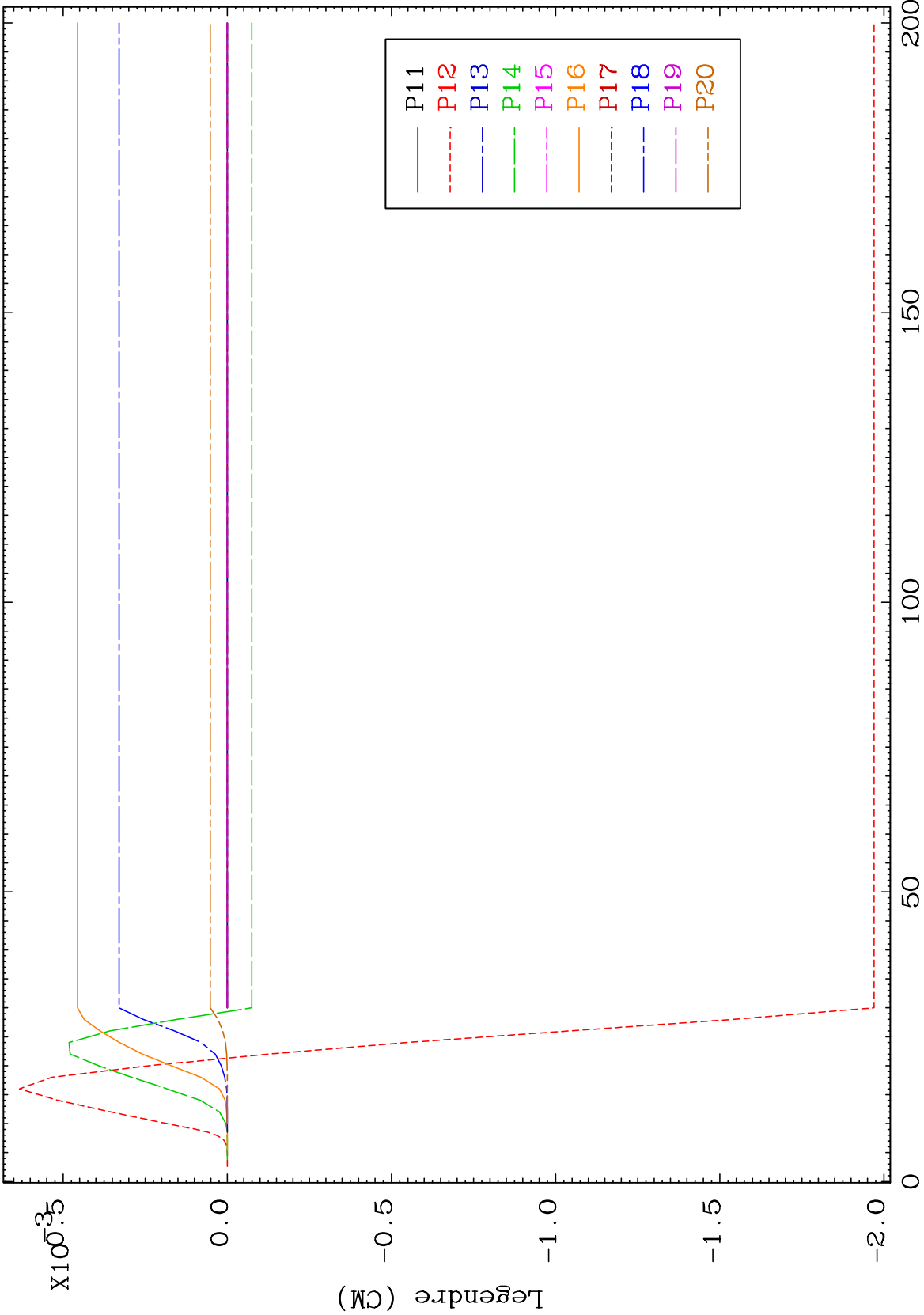




MAT 7819

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

78-Pt-188

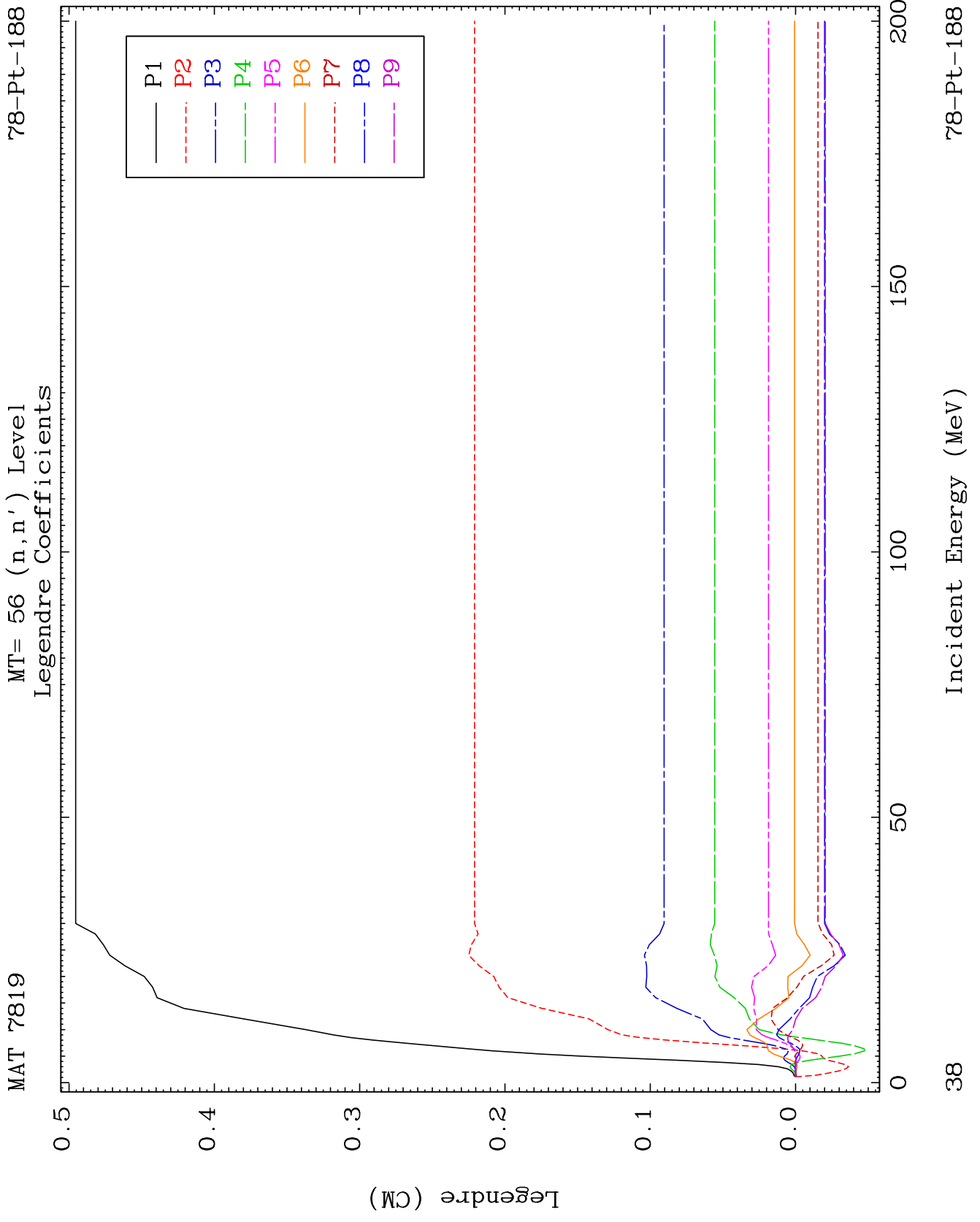


36

Incident Energy (MeV)

78-Pt-188





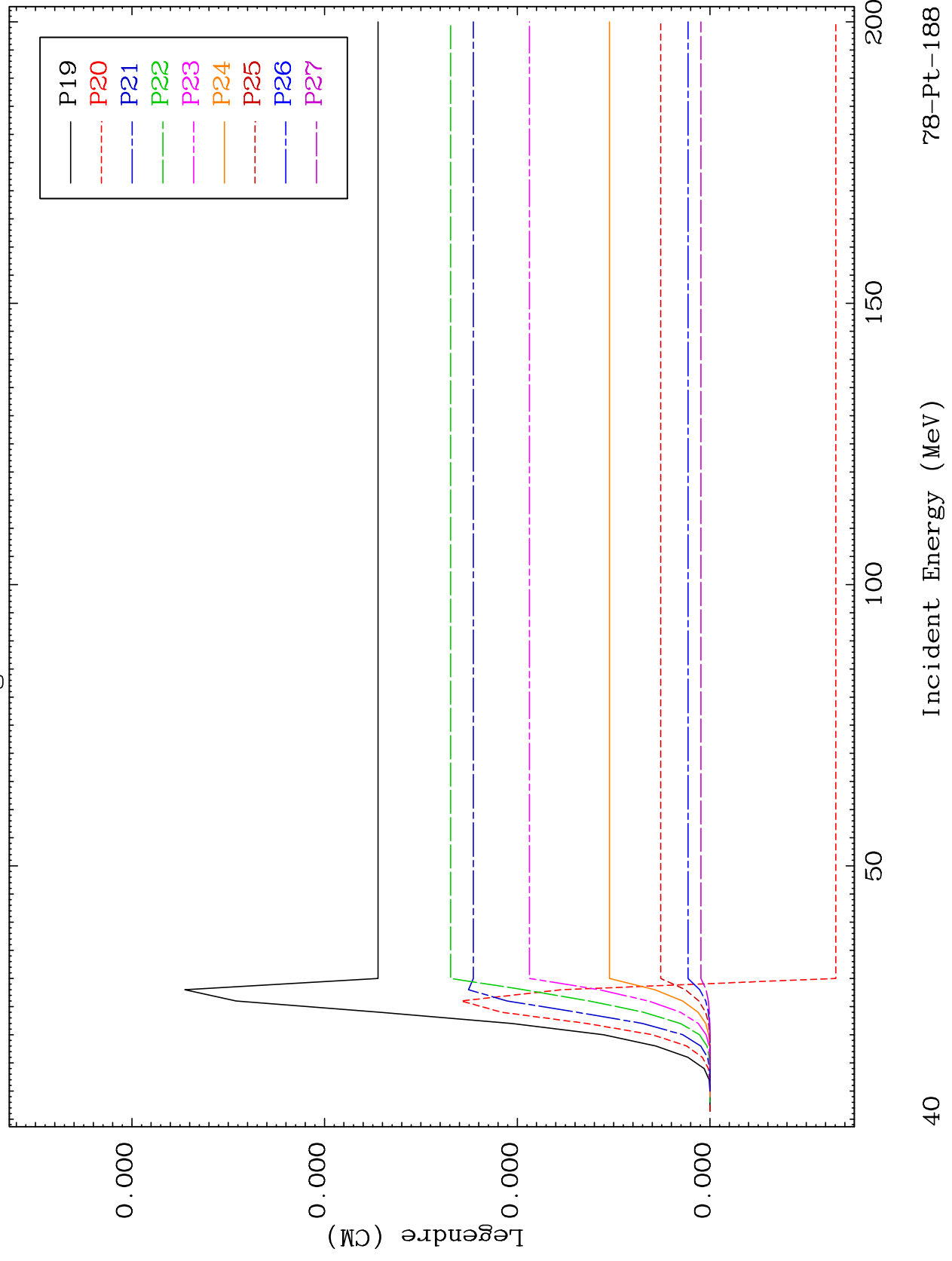




MAT 7819

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

78-Pt-188



40

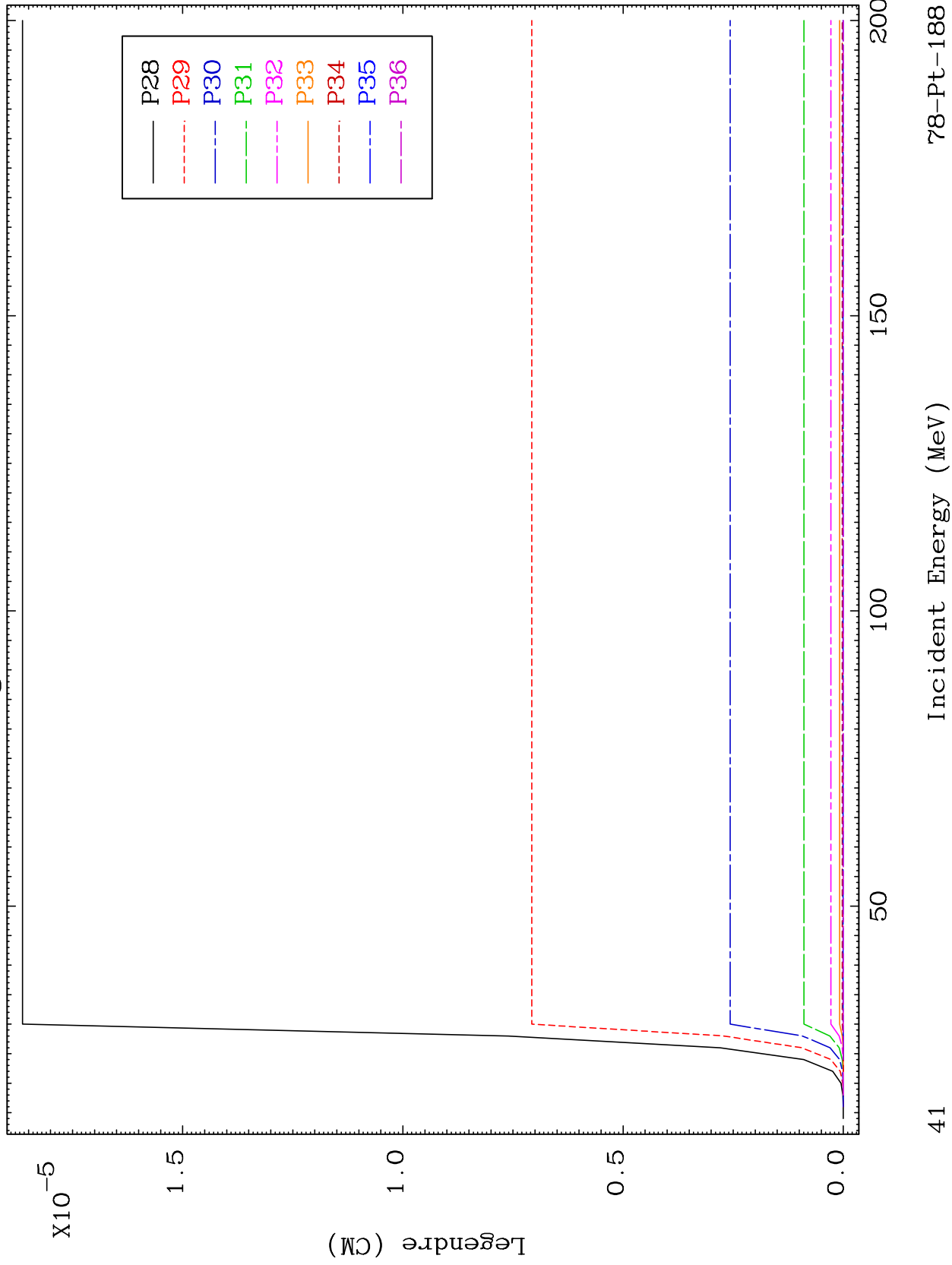
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

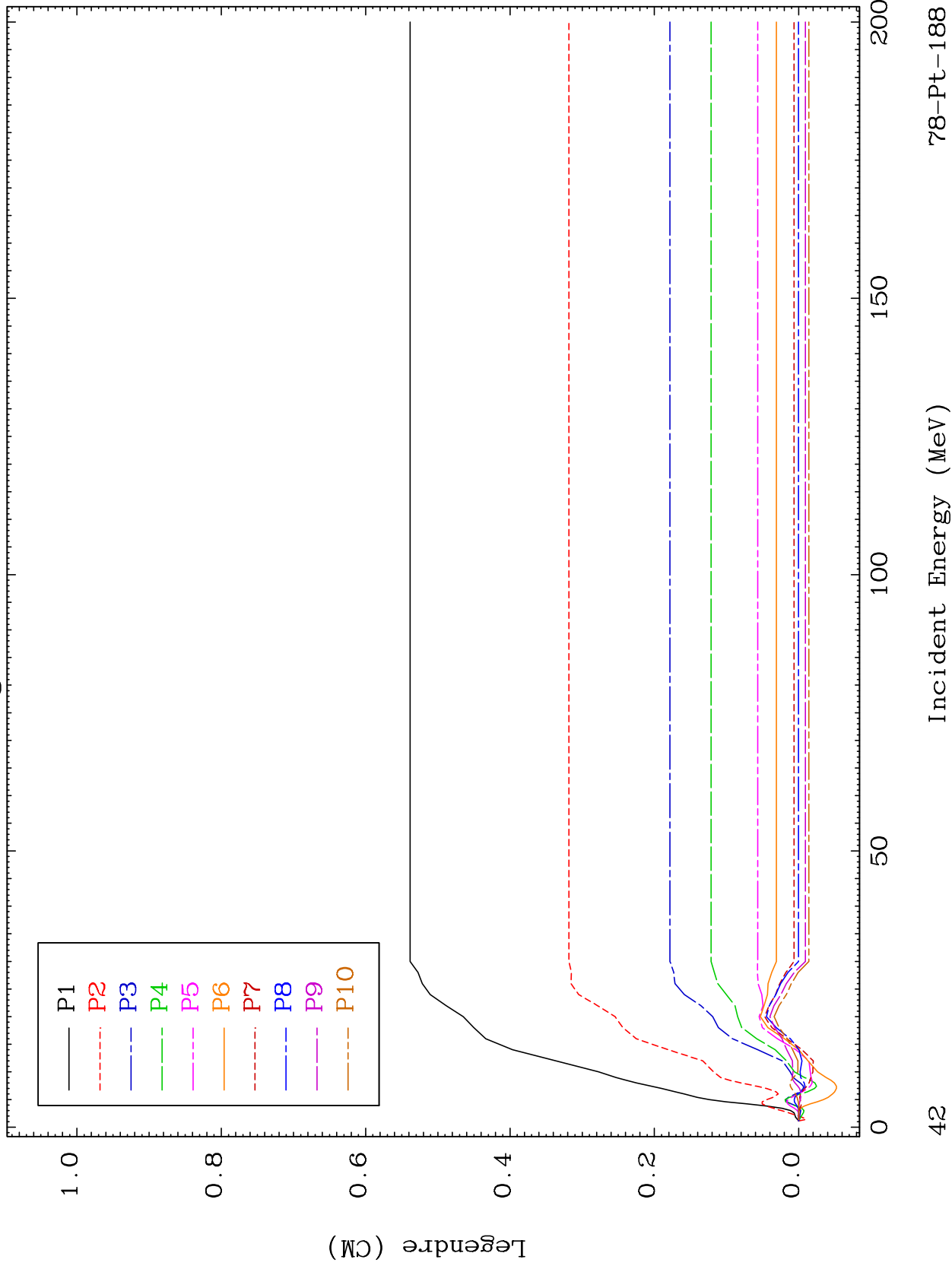
78-Pt-188



MAT 7819

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

78-Pt-188

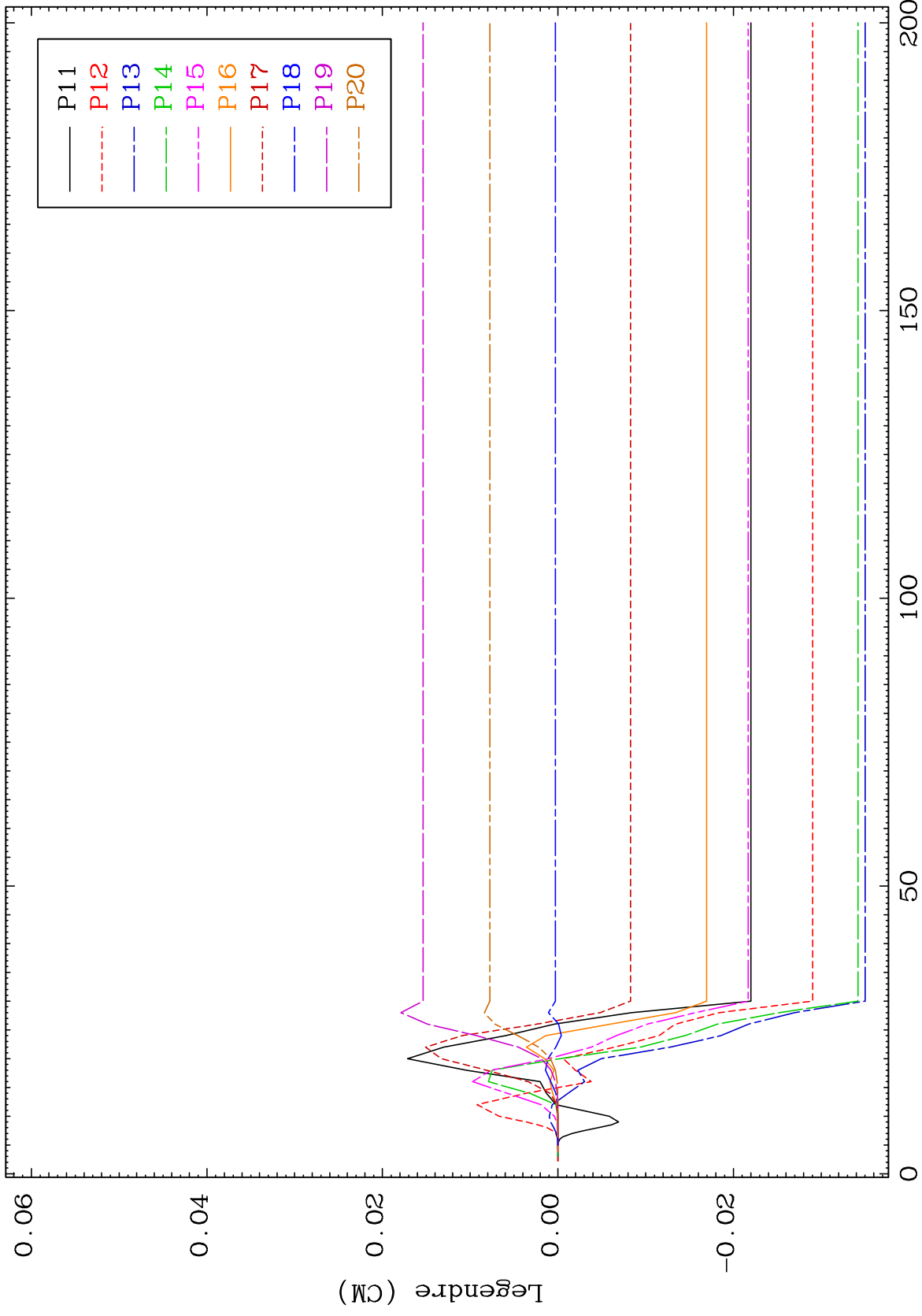


42

MAT 7819

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

78-Pt-188



43

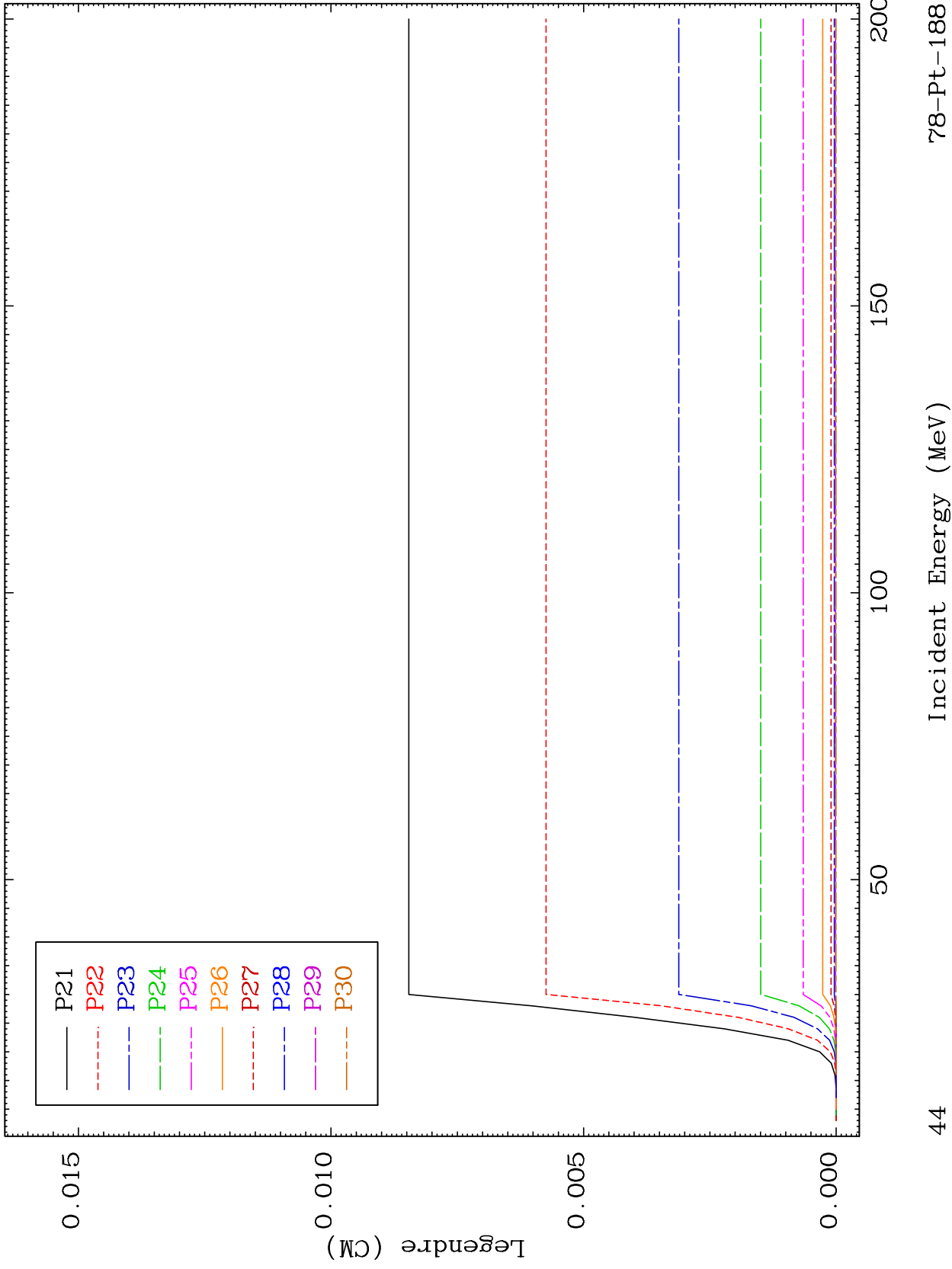
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

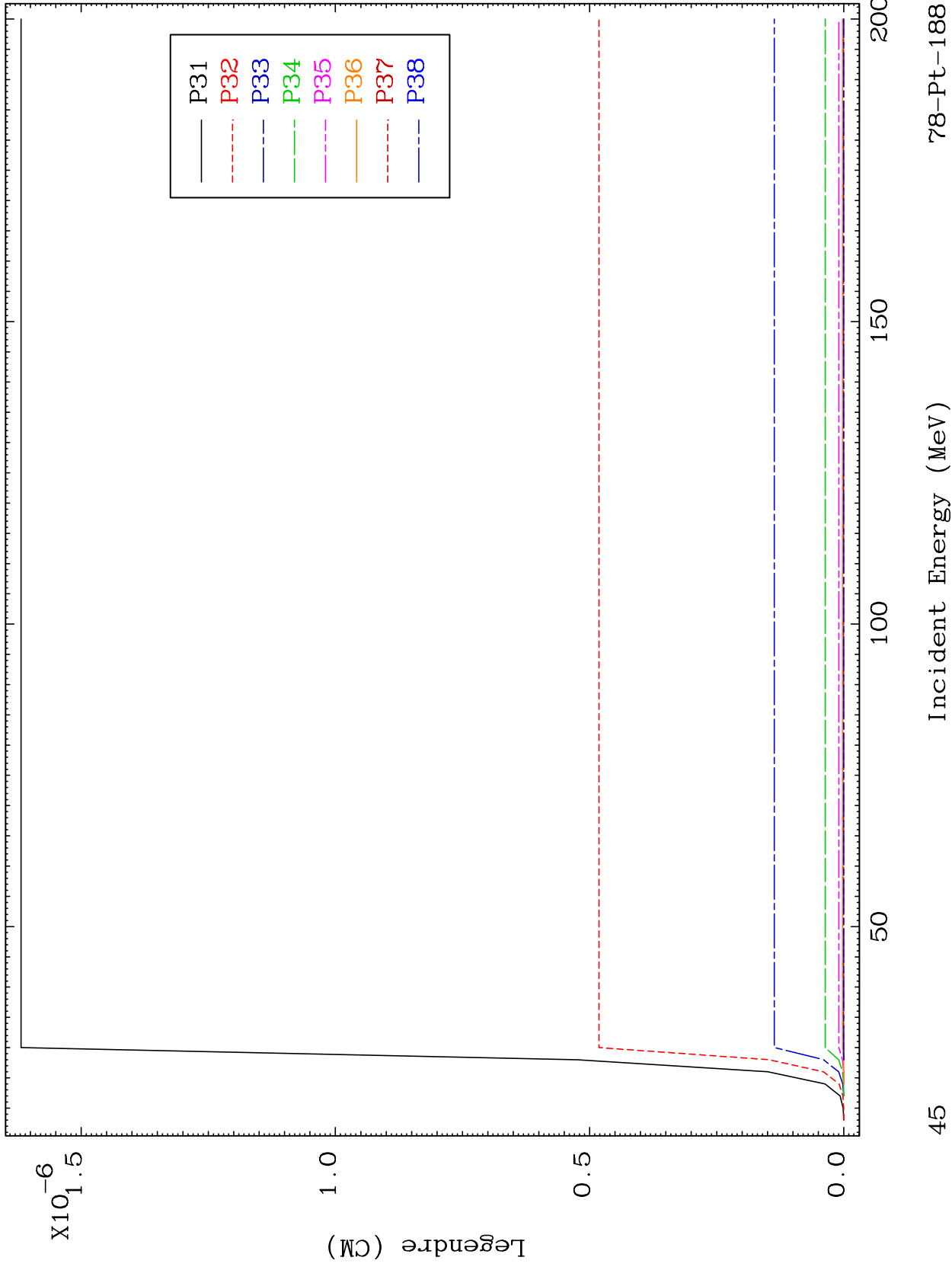
78-Pt-188



MAT 7819

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

78-Pt-188



45

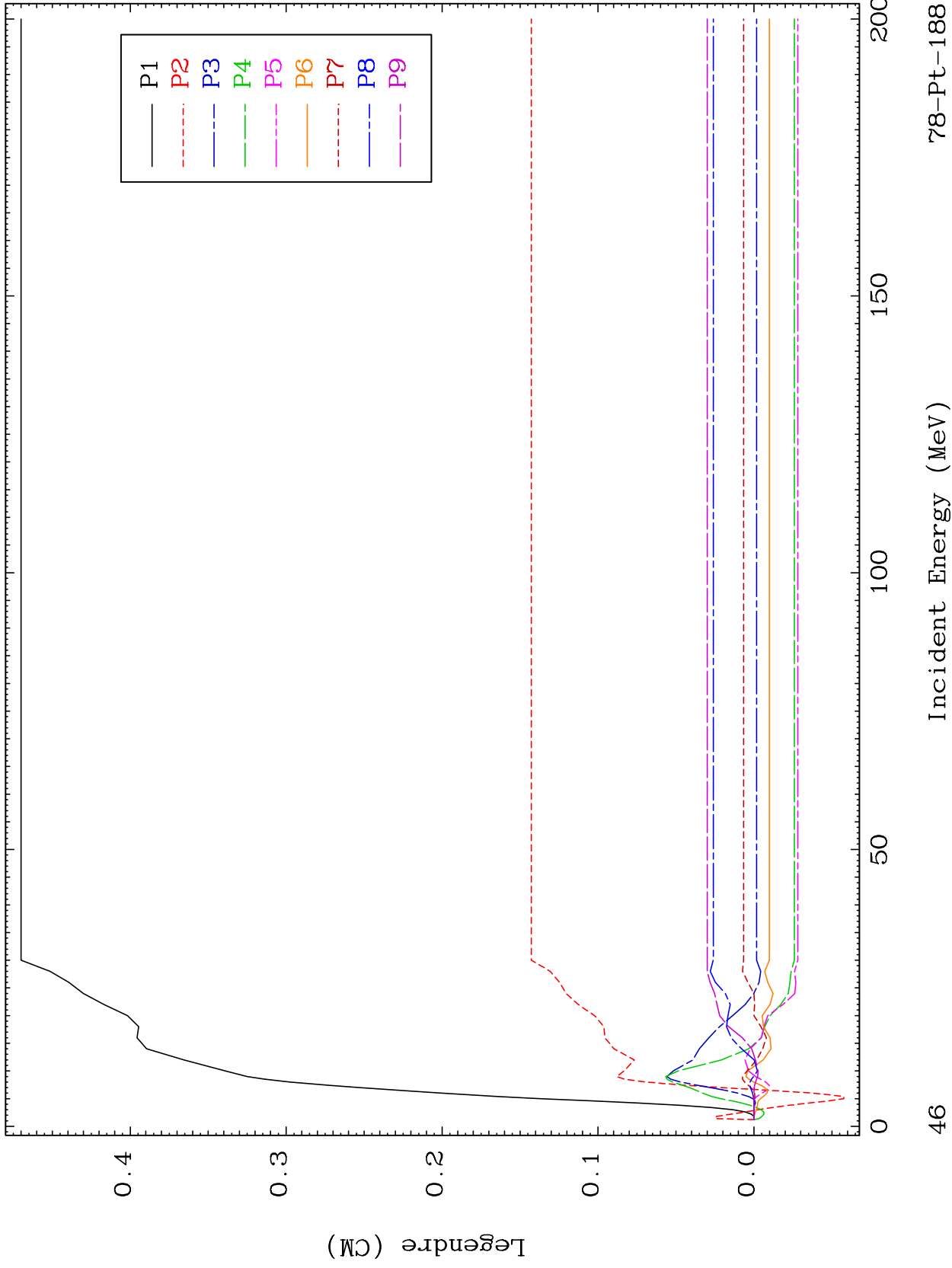
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



78-Pt-188

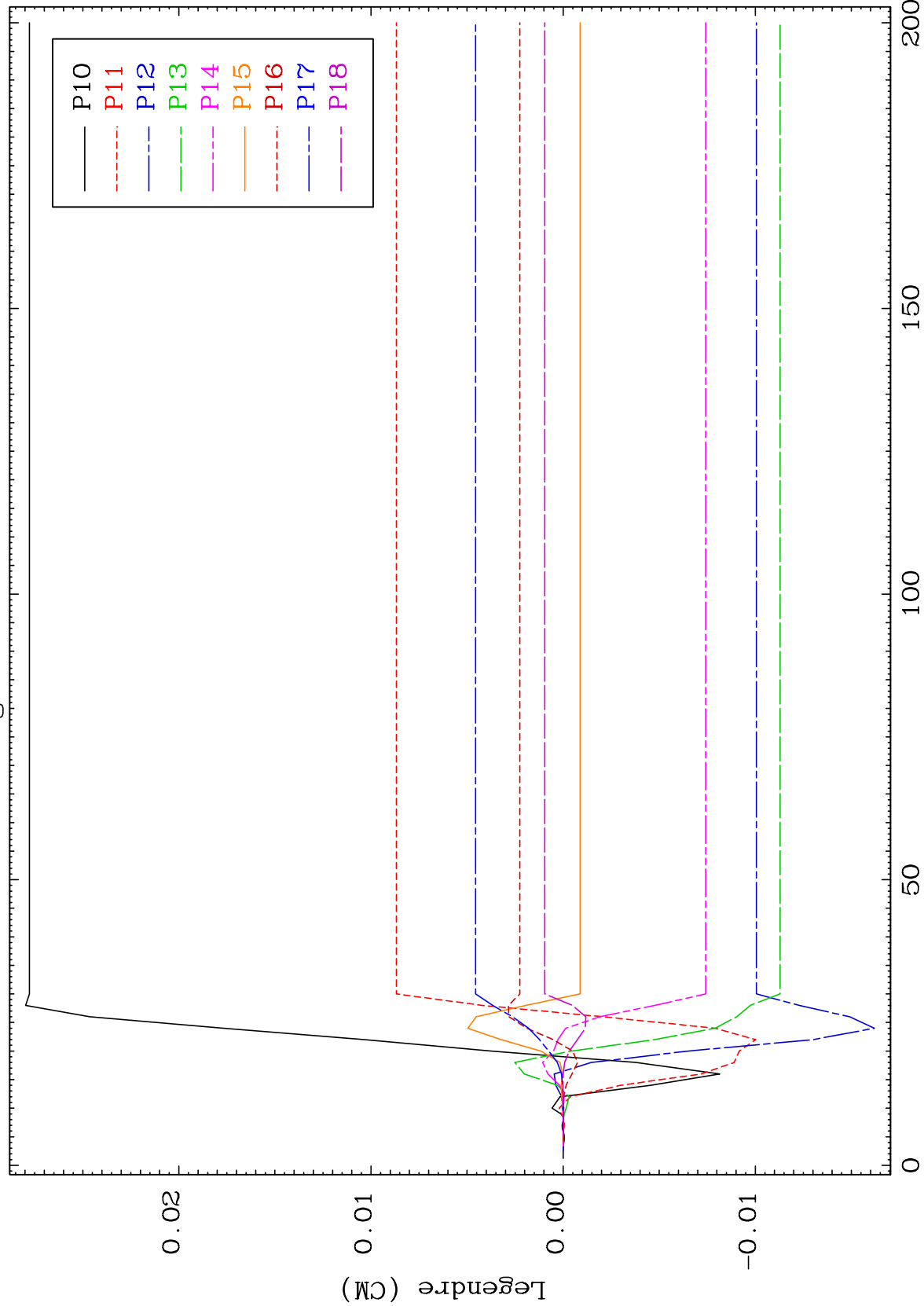
Incident Energy (MeV)

46

MAT 7819

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

78-Pt-188



47

Incident Energy (MeV)

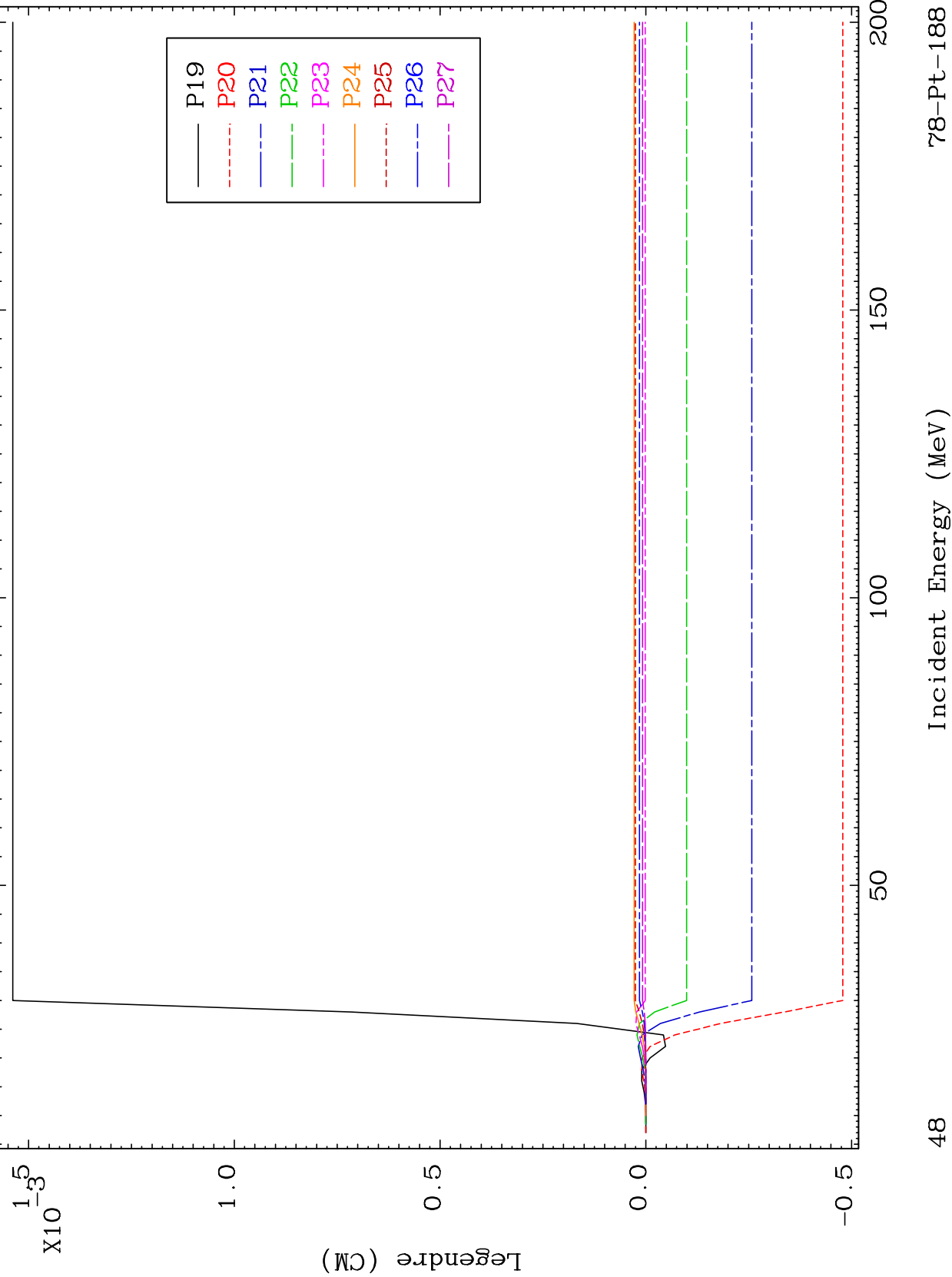
78-Pt-188



MAT 7819

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

78-Pt-188



48

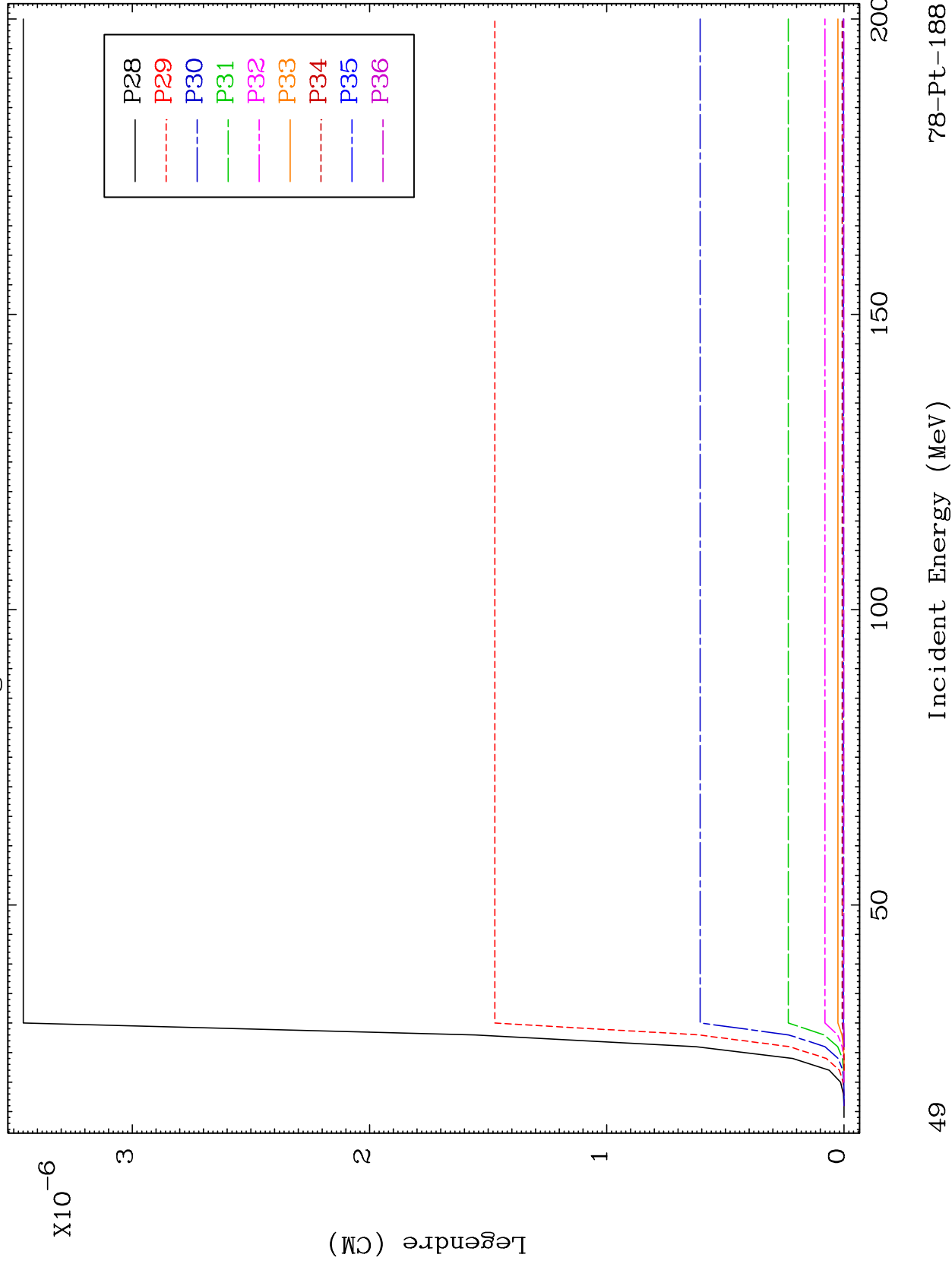
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



49

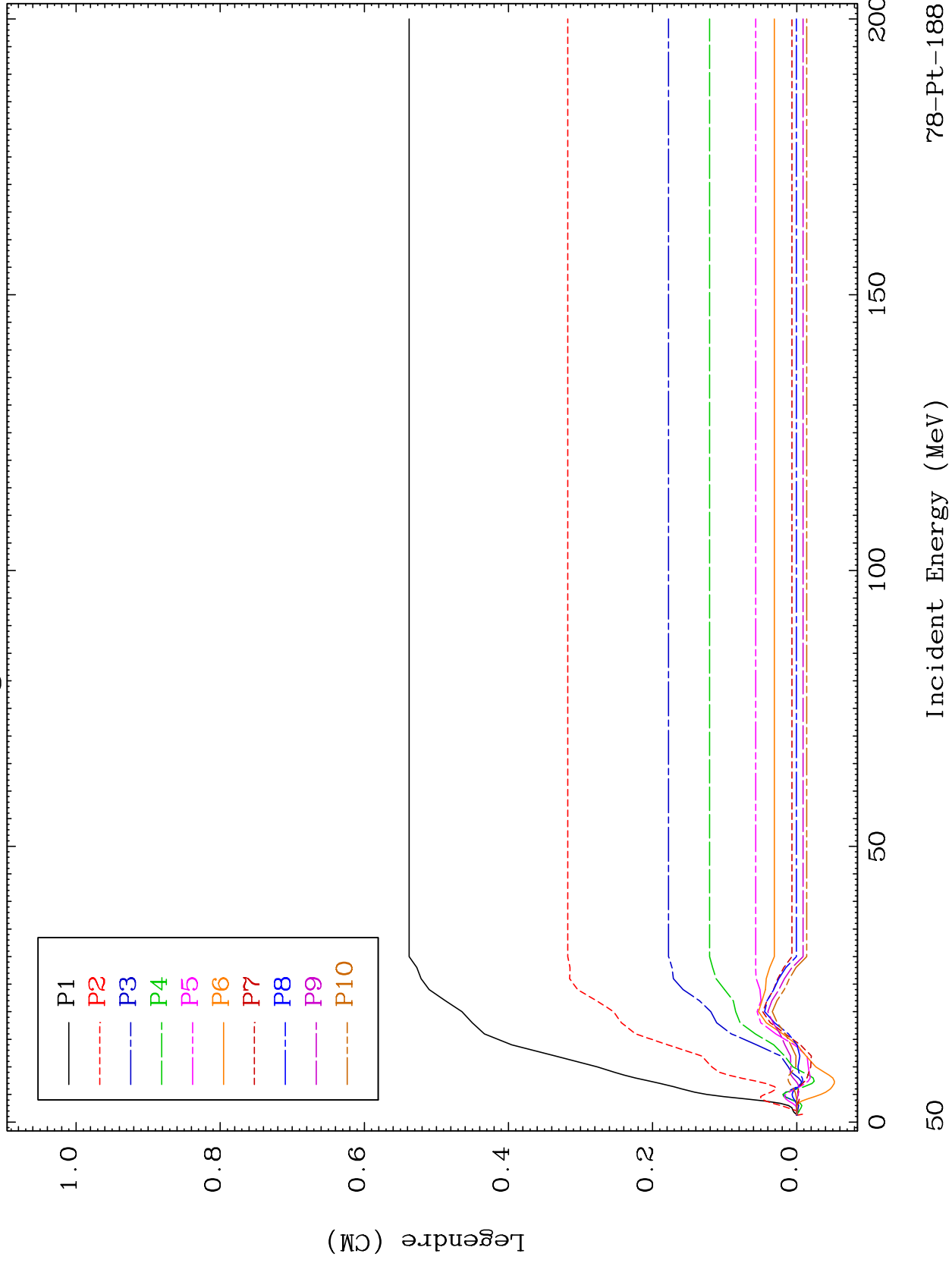
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

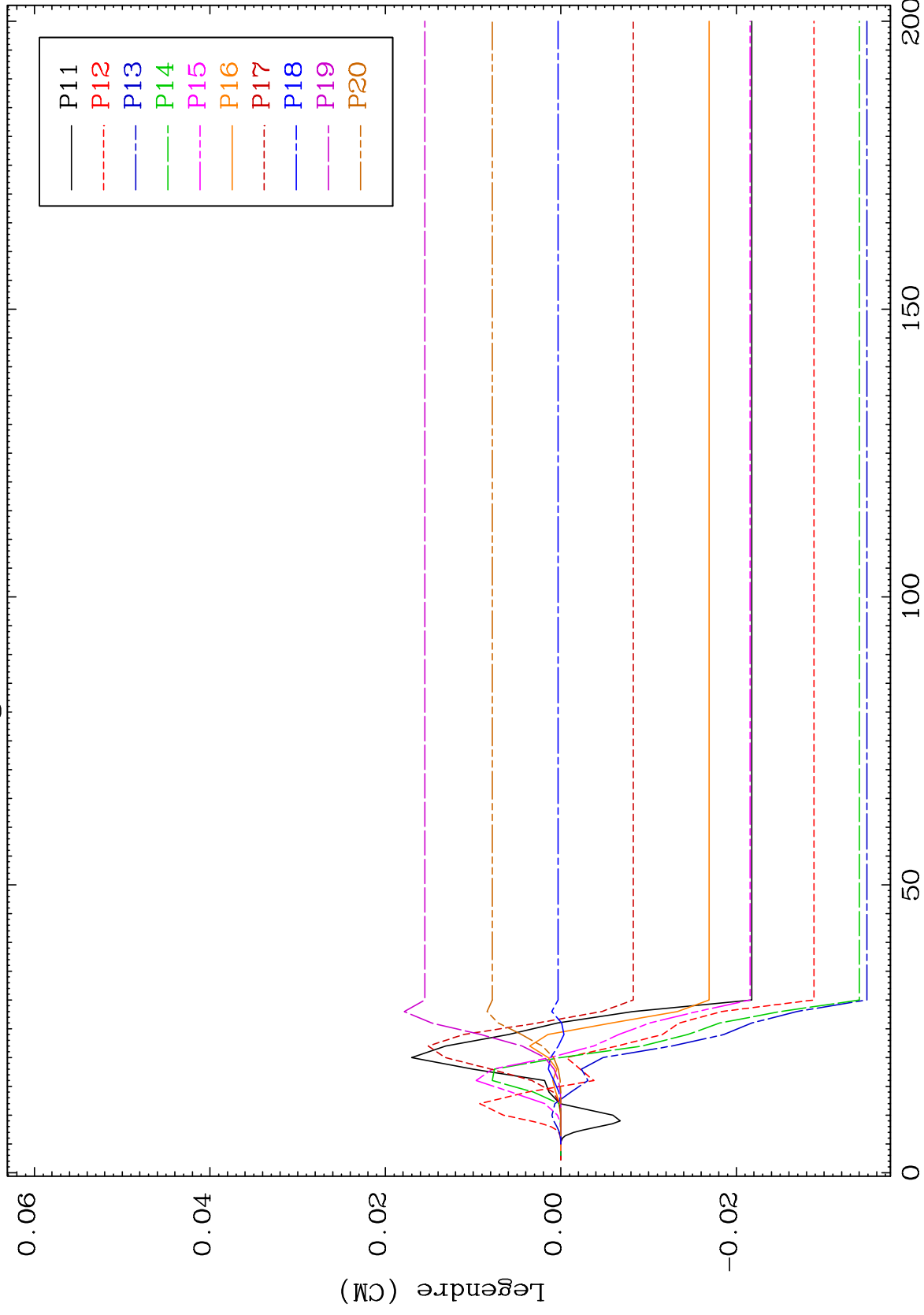
78-Pt-188



MAT 7819

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

78-Pt-188



51

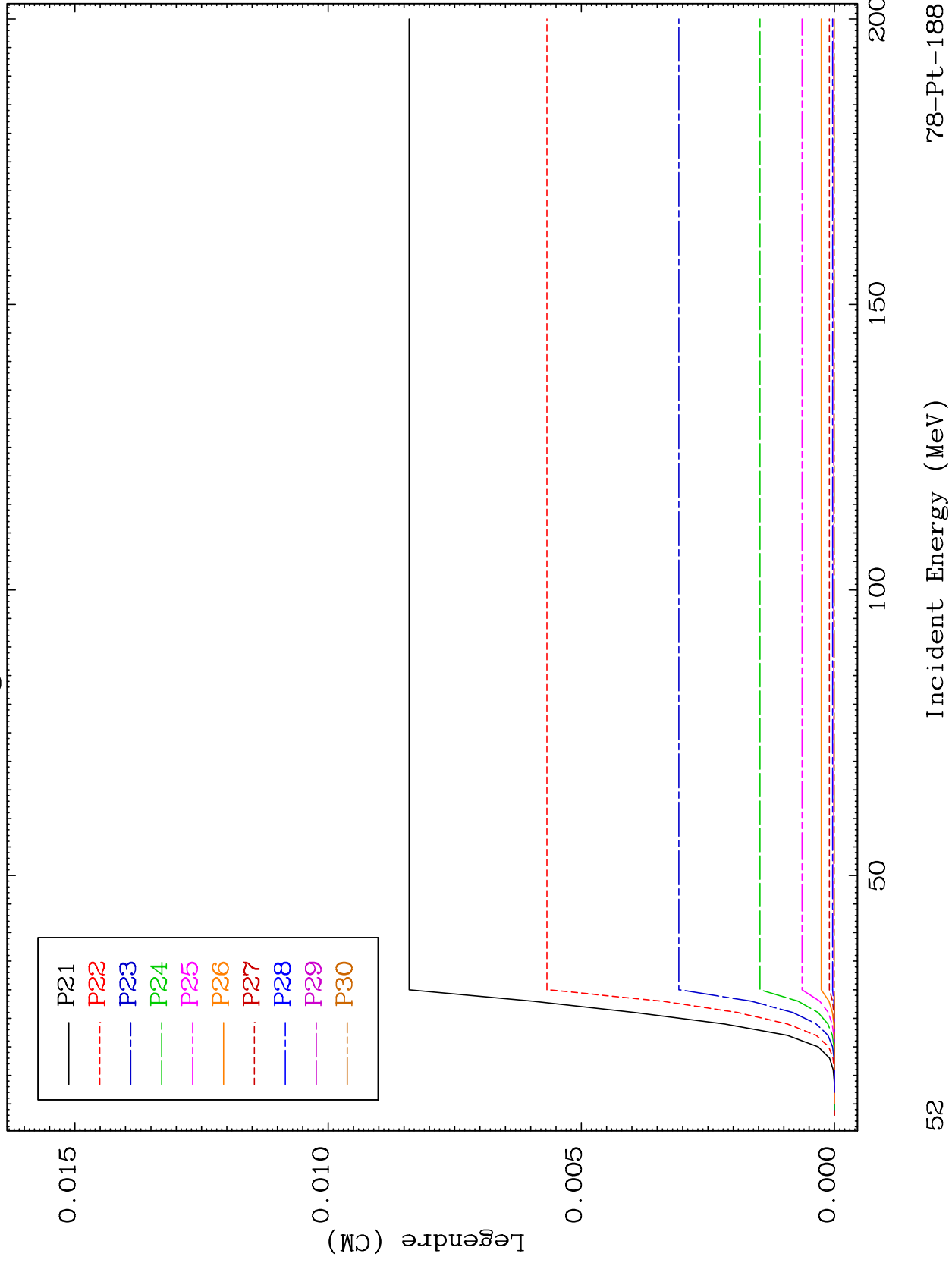
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



52

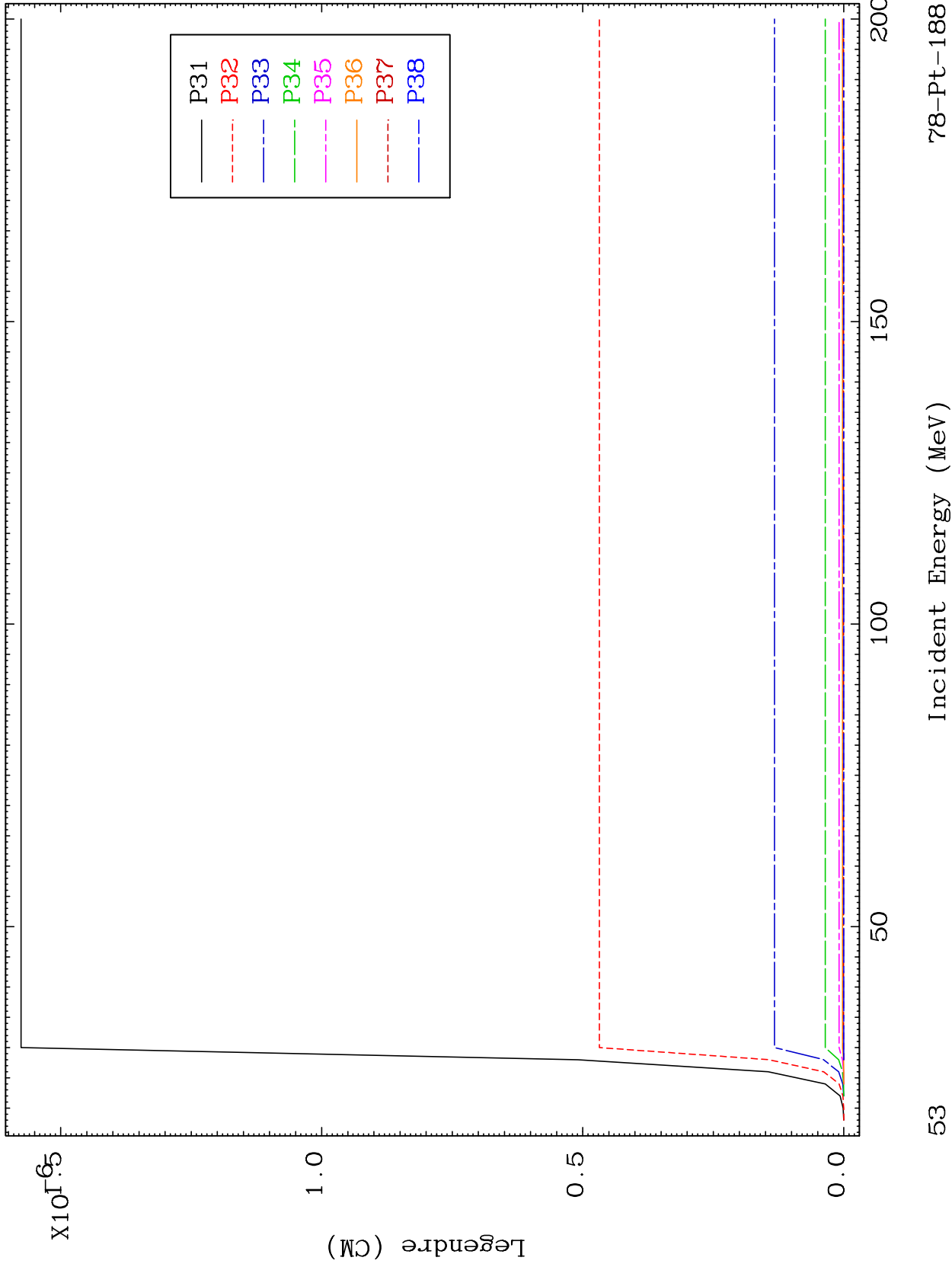
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



53

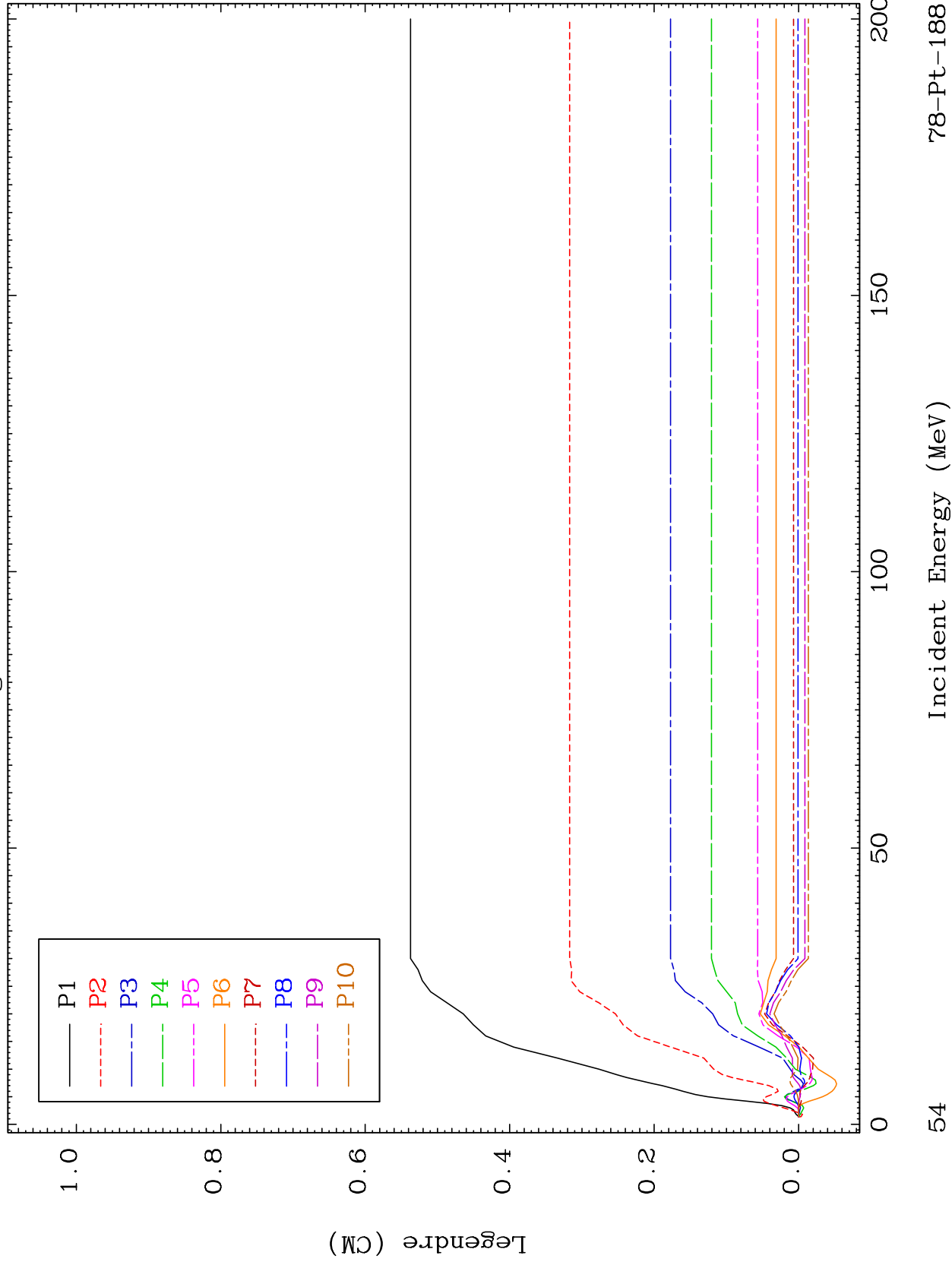
Incident Energy (MeV)

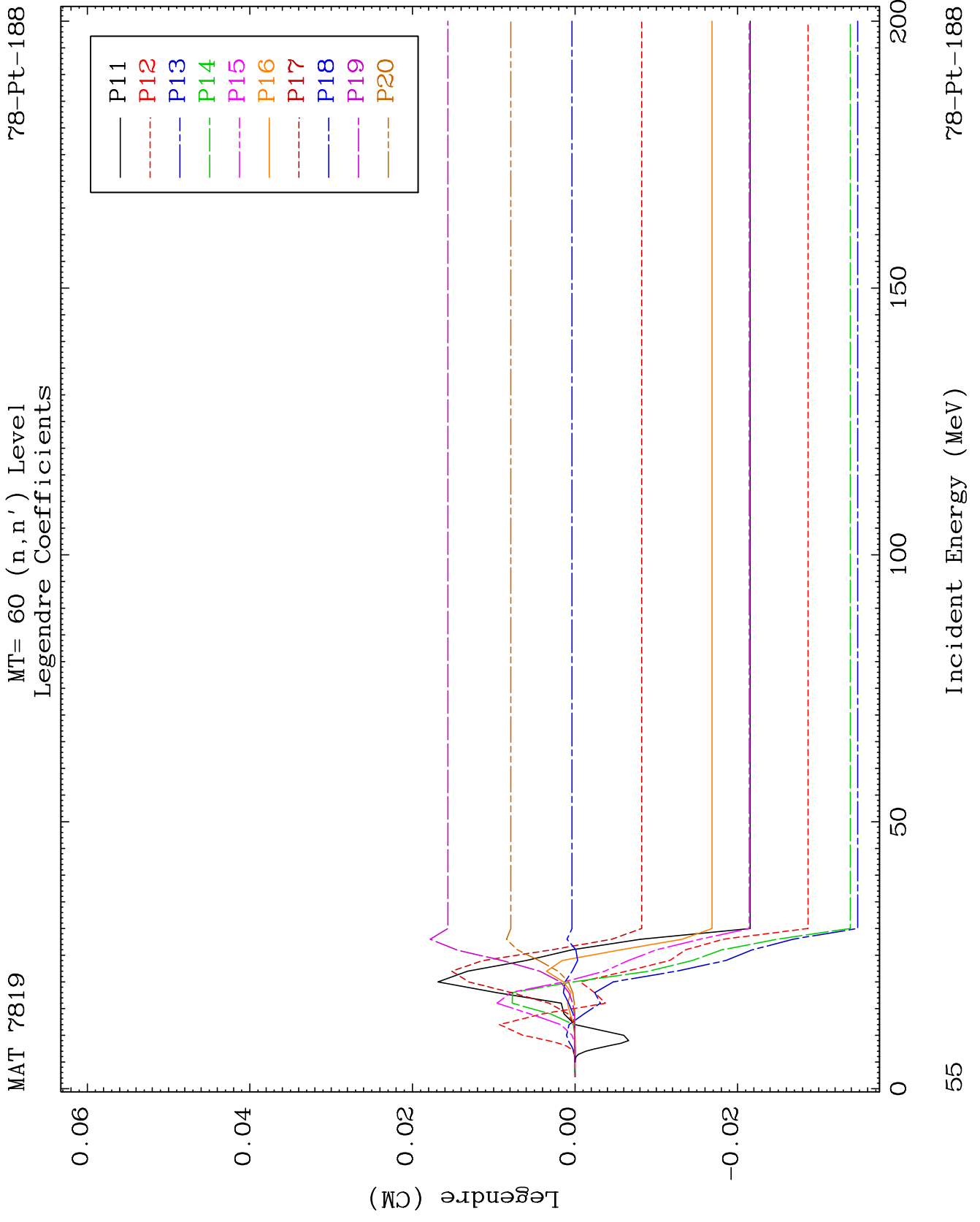
78-Pt-188

MAT 7819

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

78-Pt-188



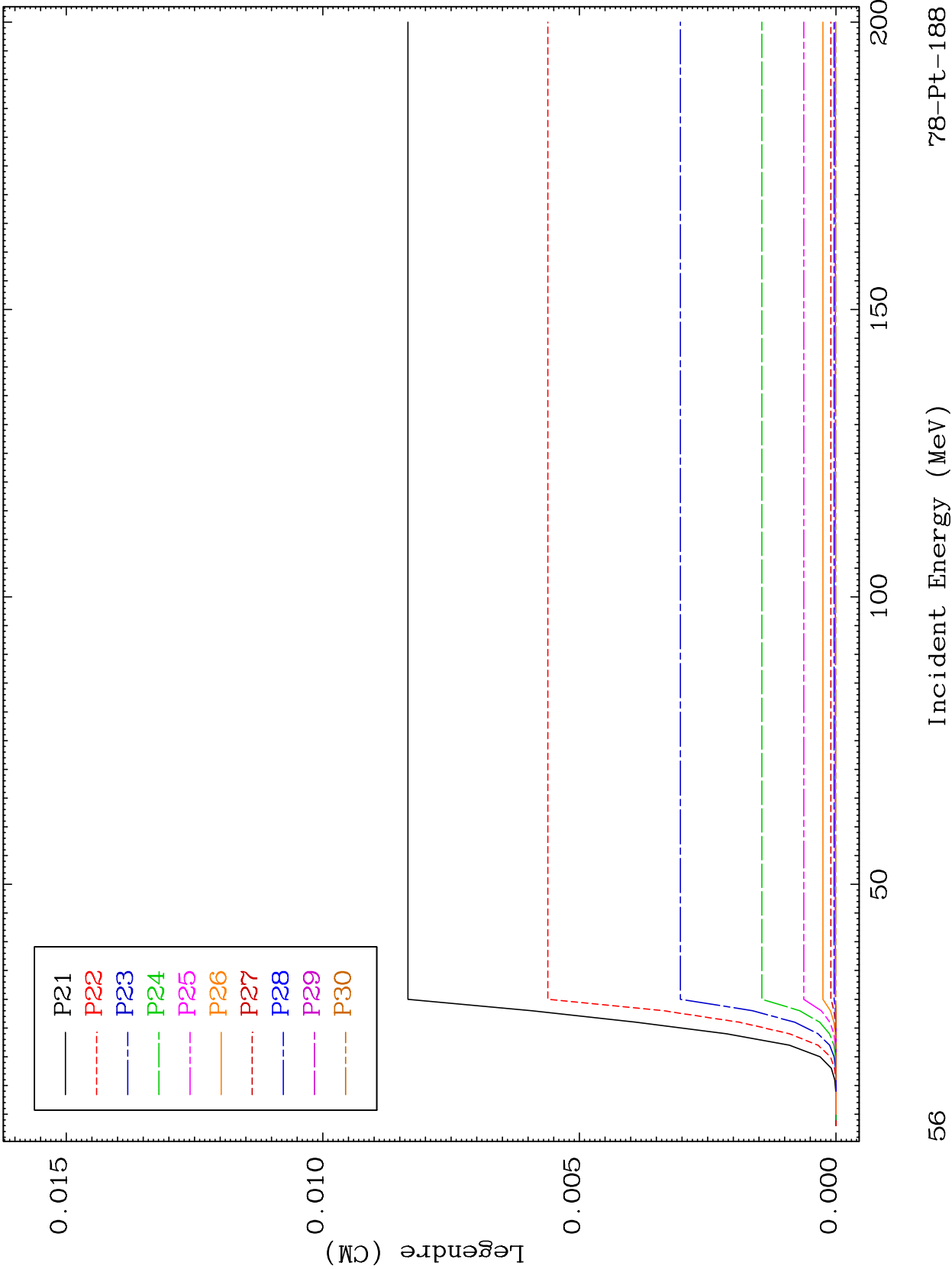




MAT 7819

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

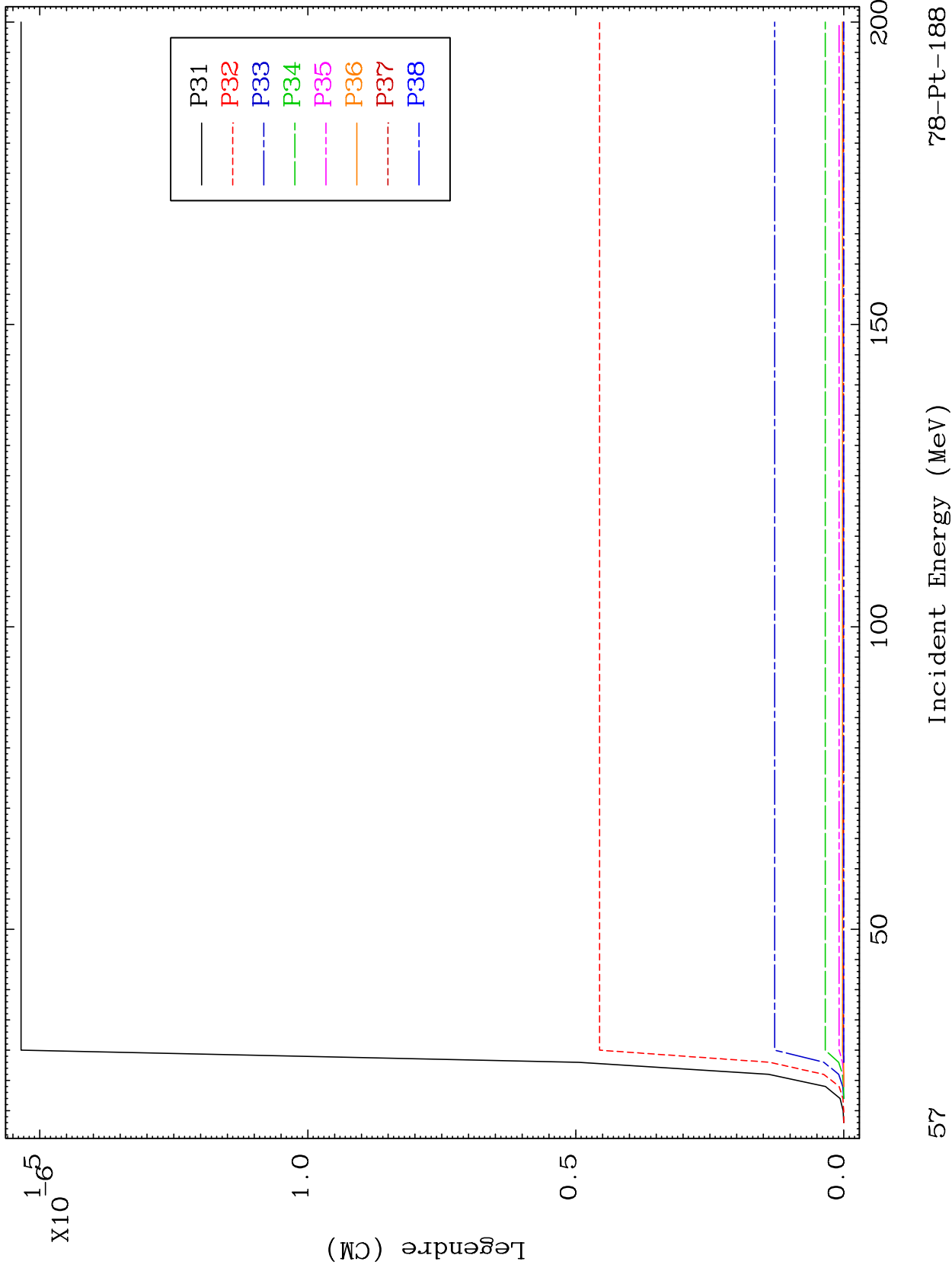
78-Pt-188



MAT 7819

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

78-Pt-188



57

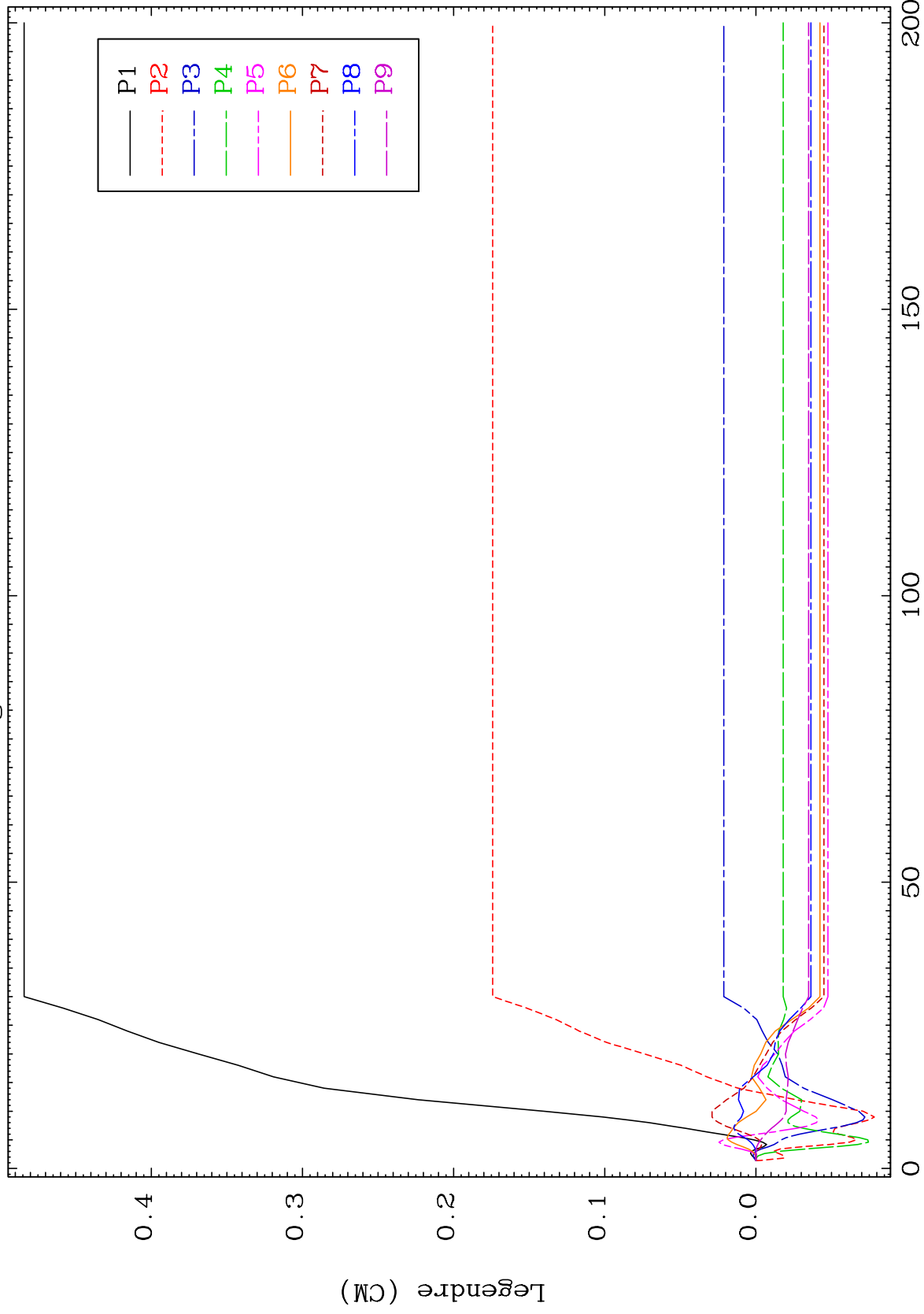
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



58

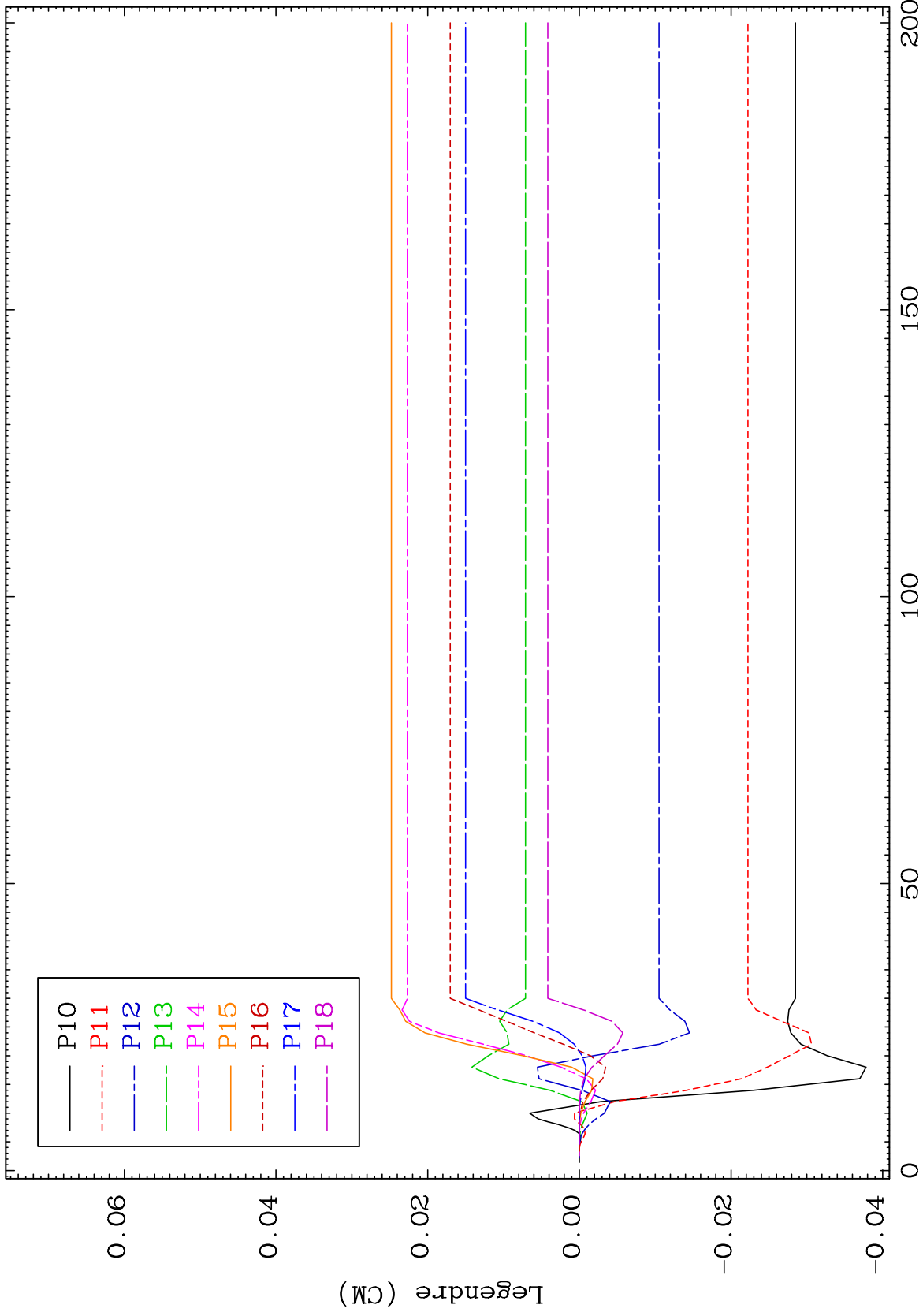
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



59

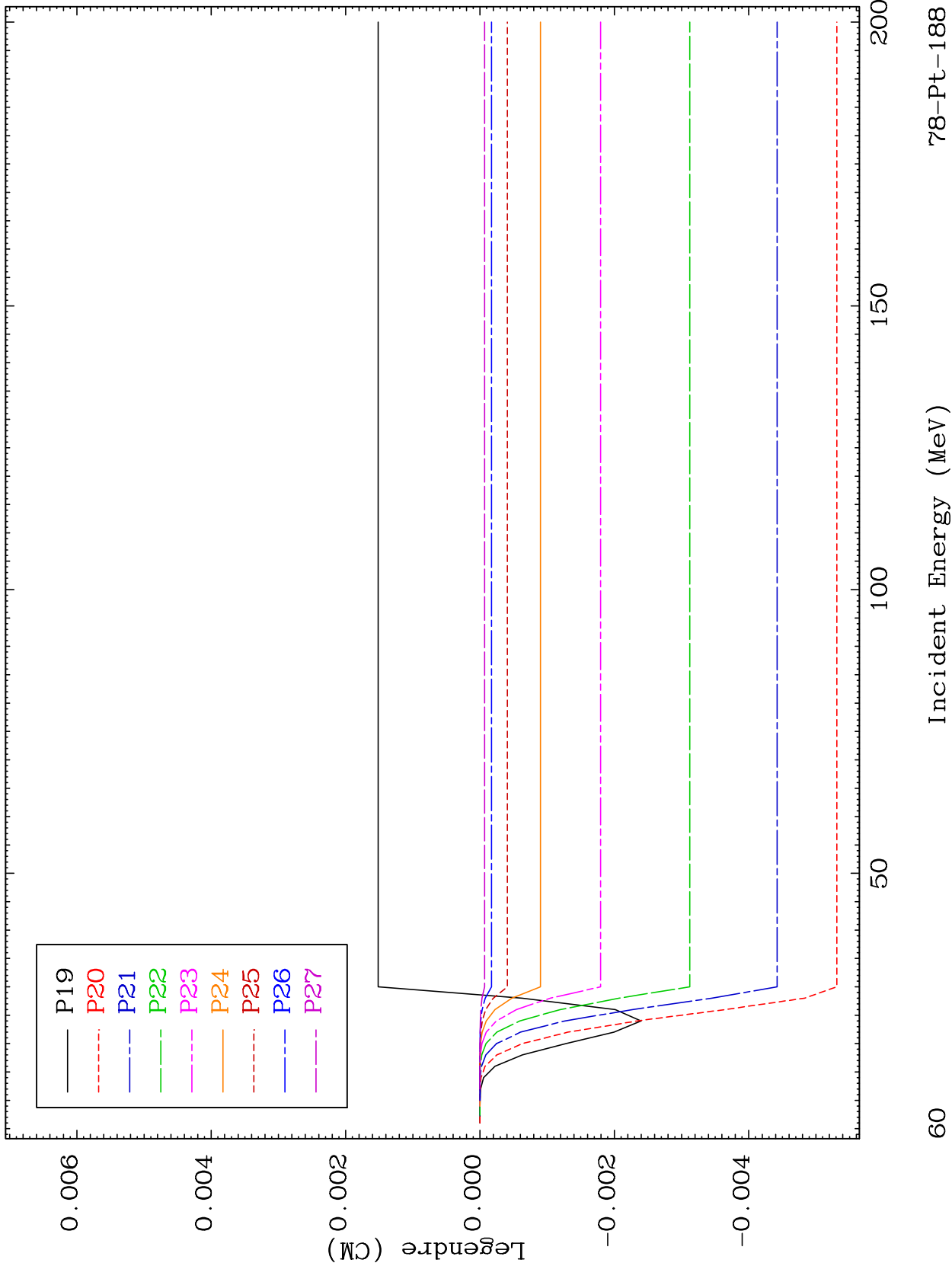
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

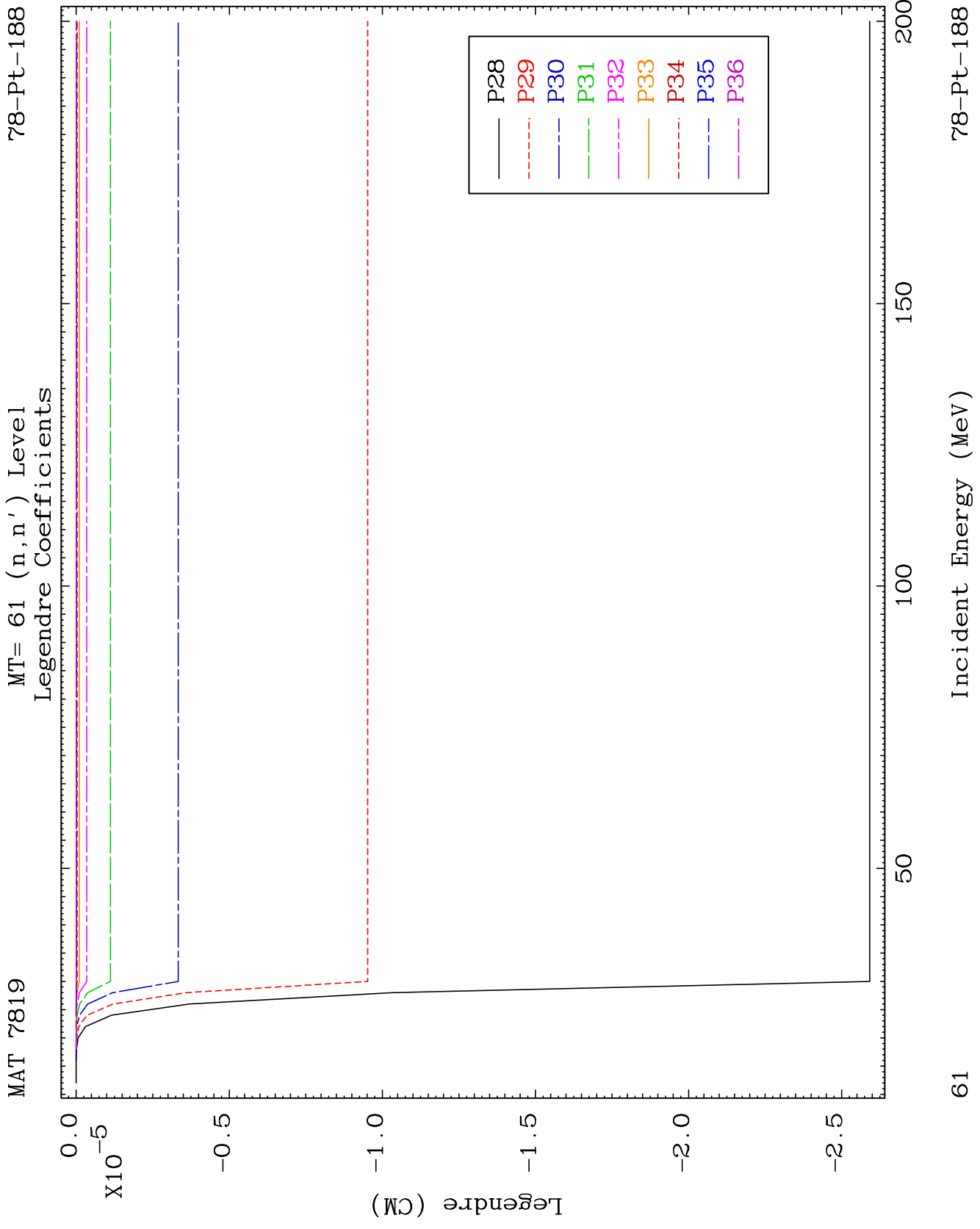
78-Pt-188



60

Incident Energy (MeV)

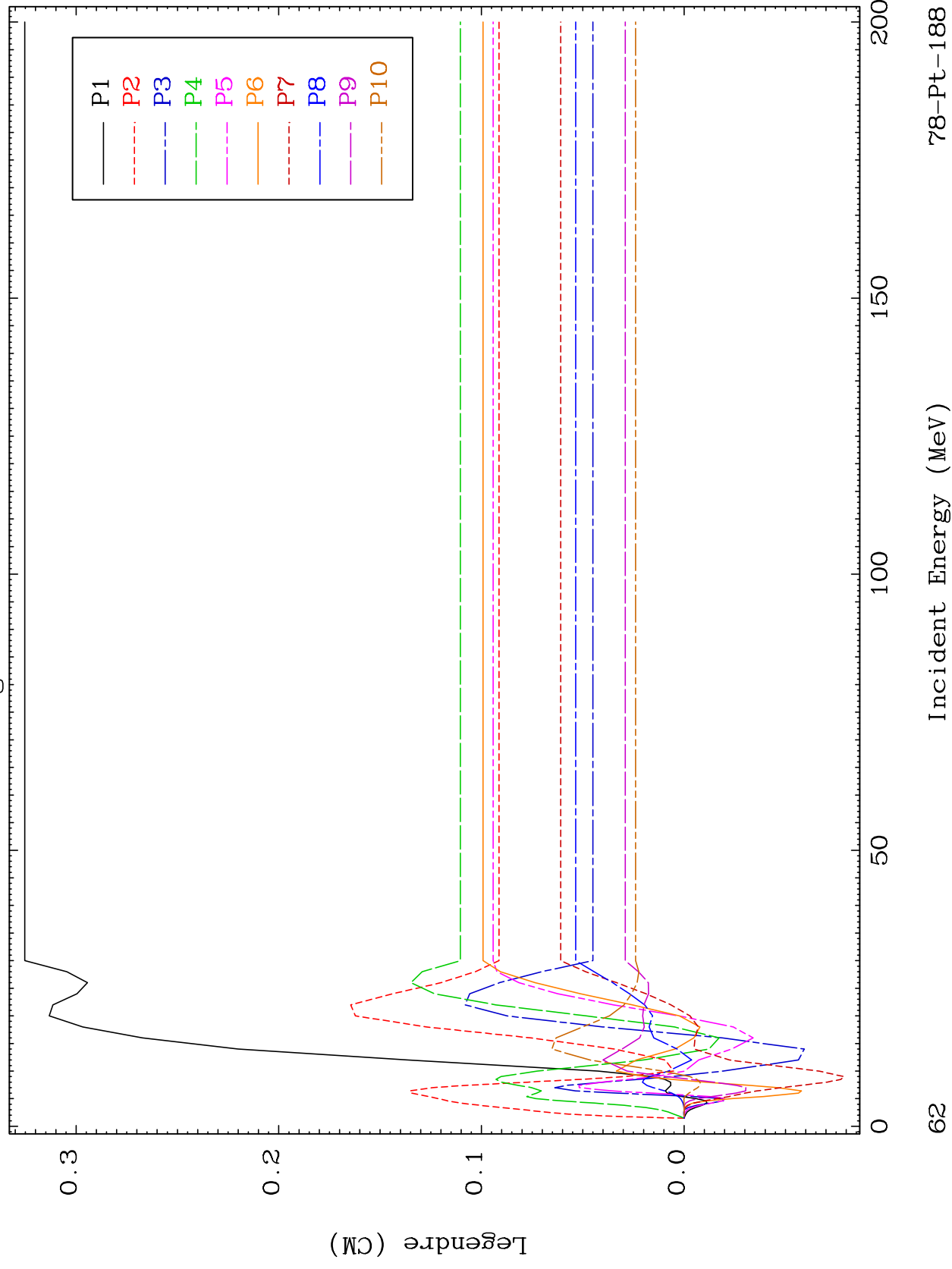
78-Pt-188

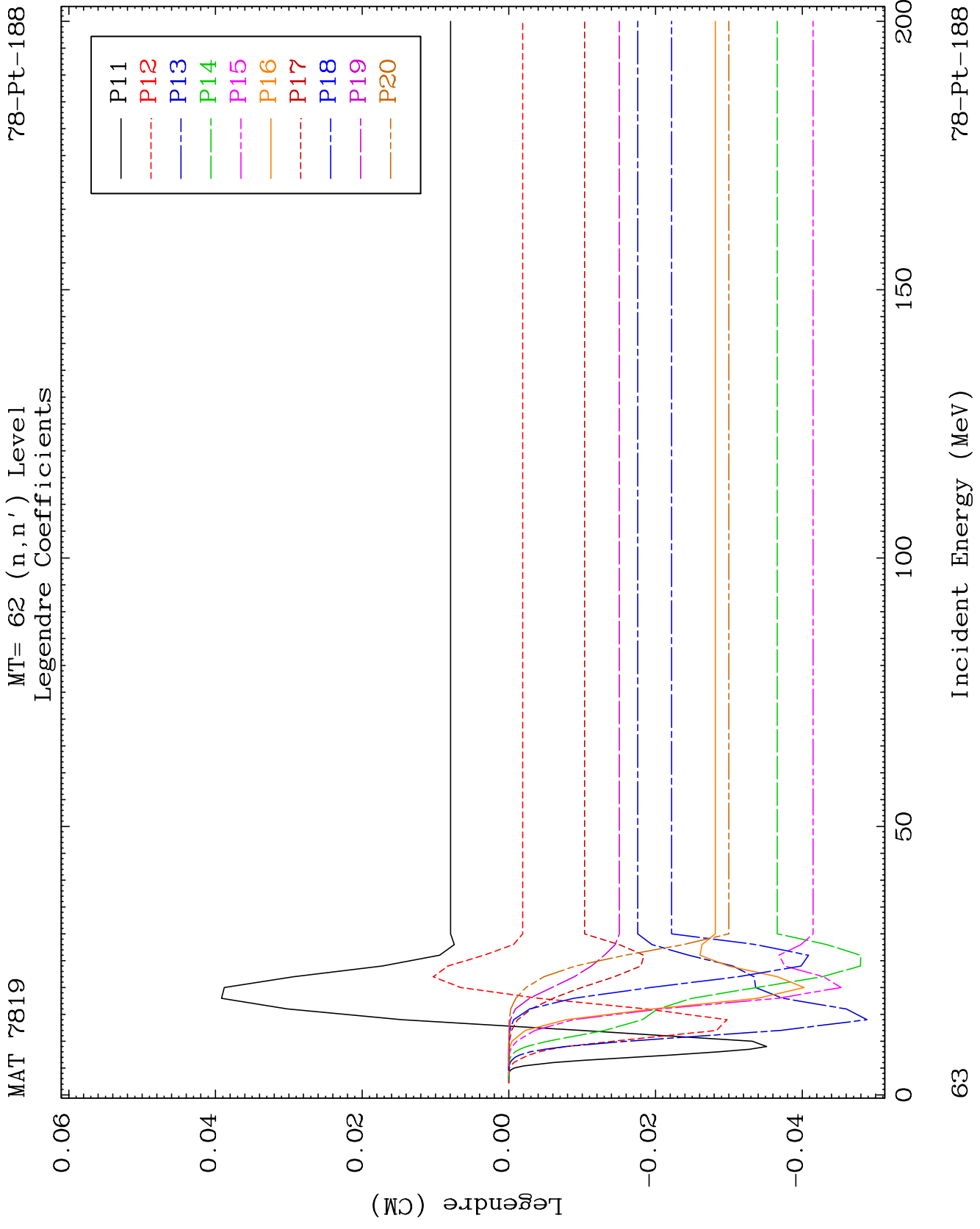


MAT 7819

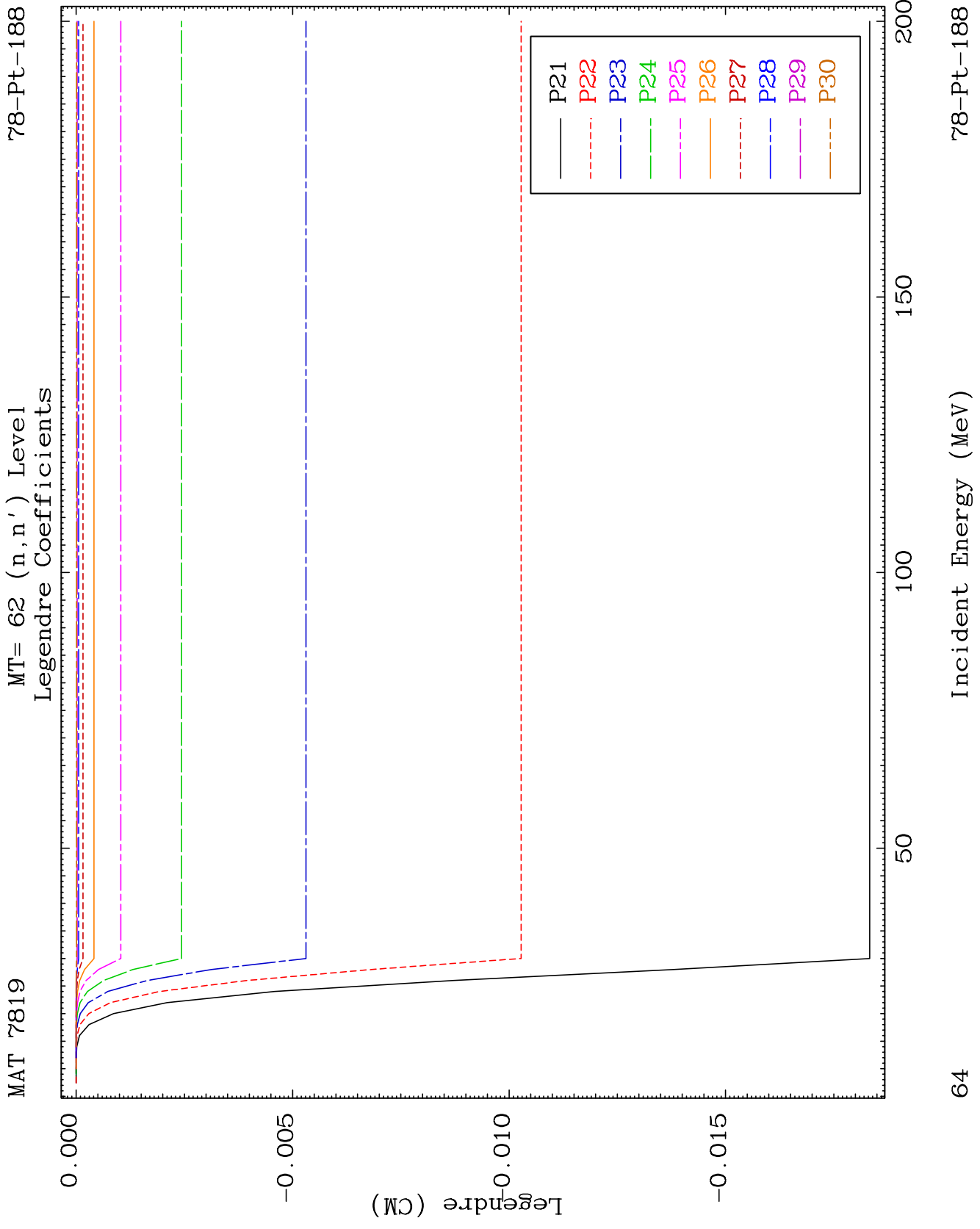
MT= 62 (n,n') Level  
Legendre Coefficients

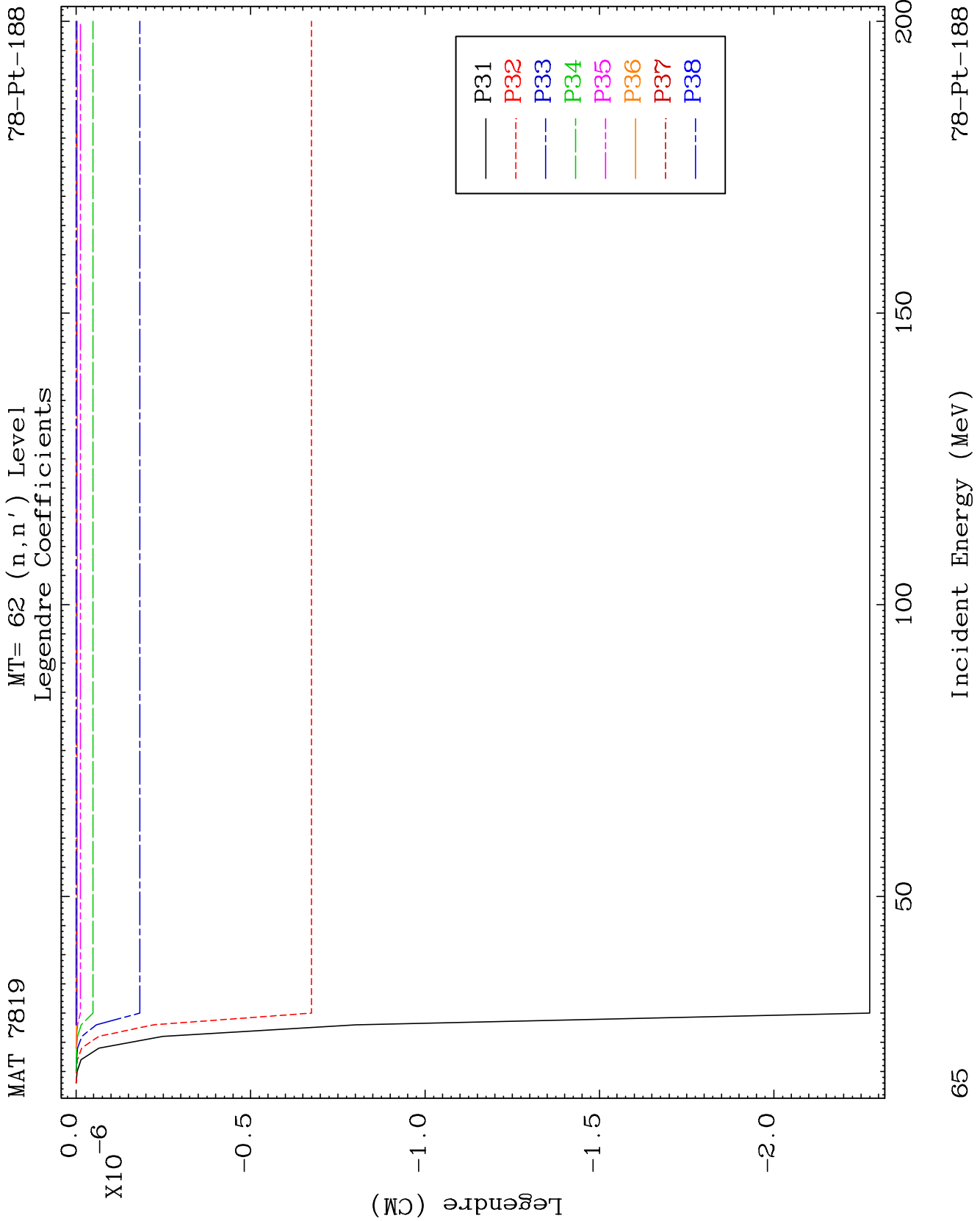
78-Pt-188







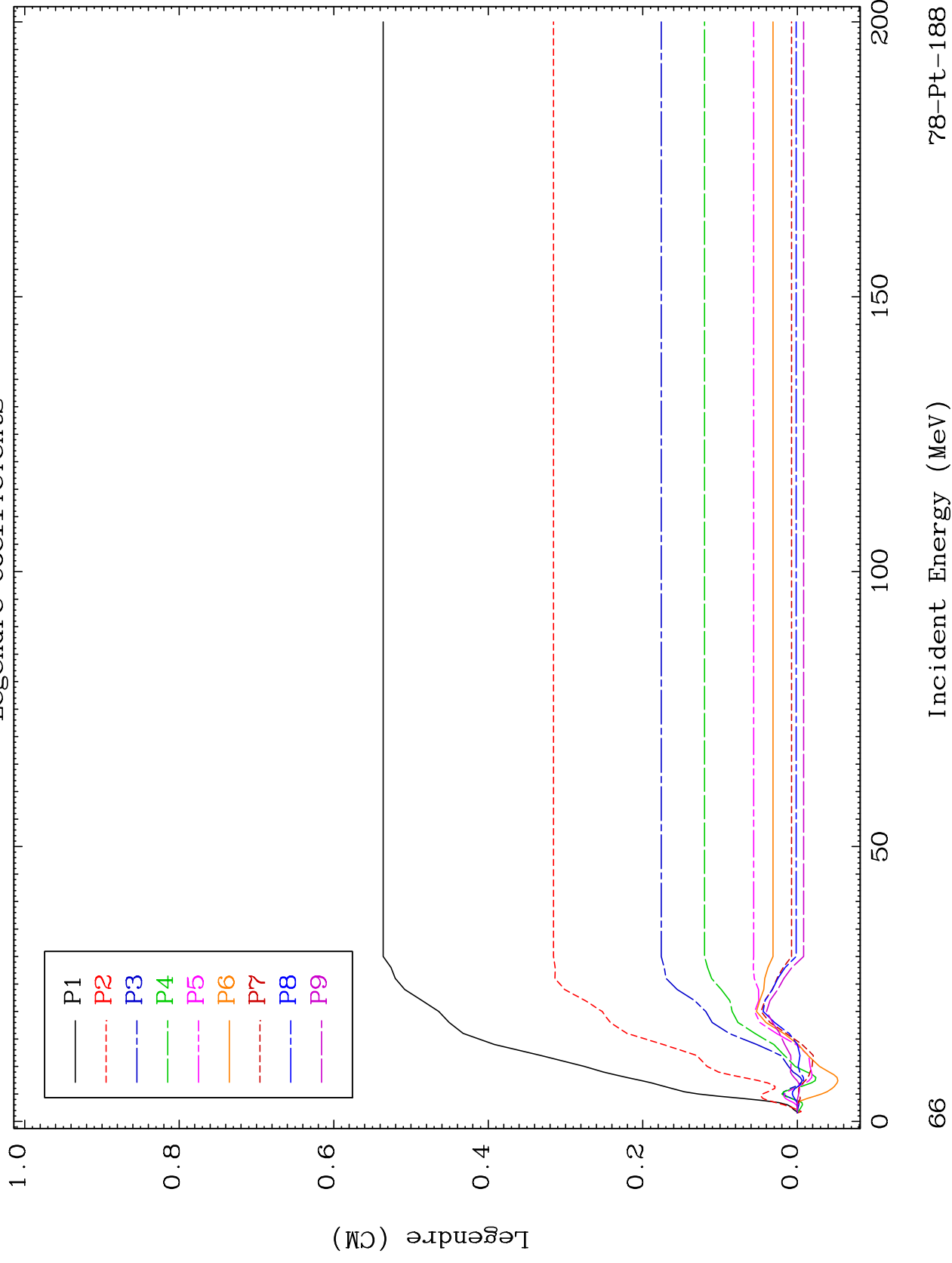




MAT 7819

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

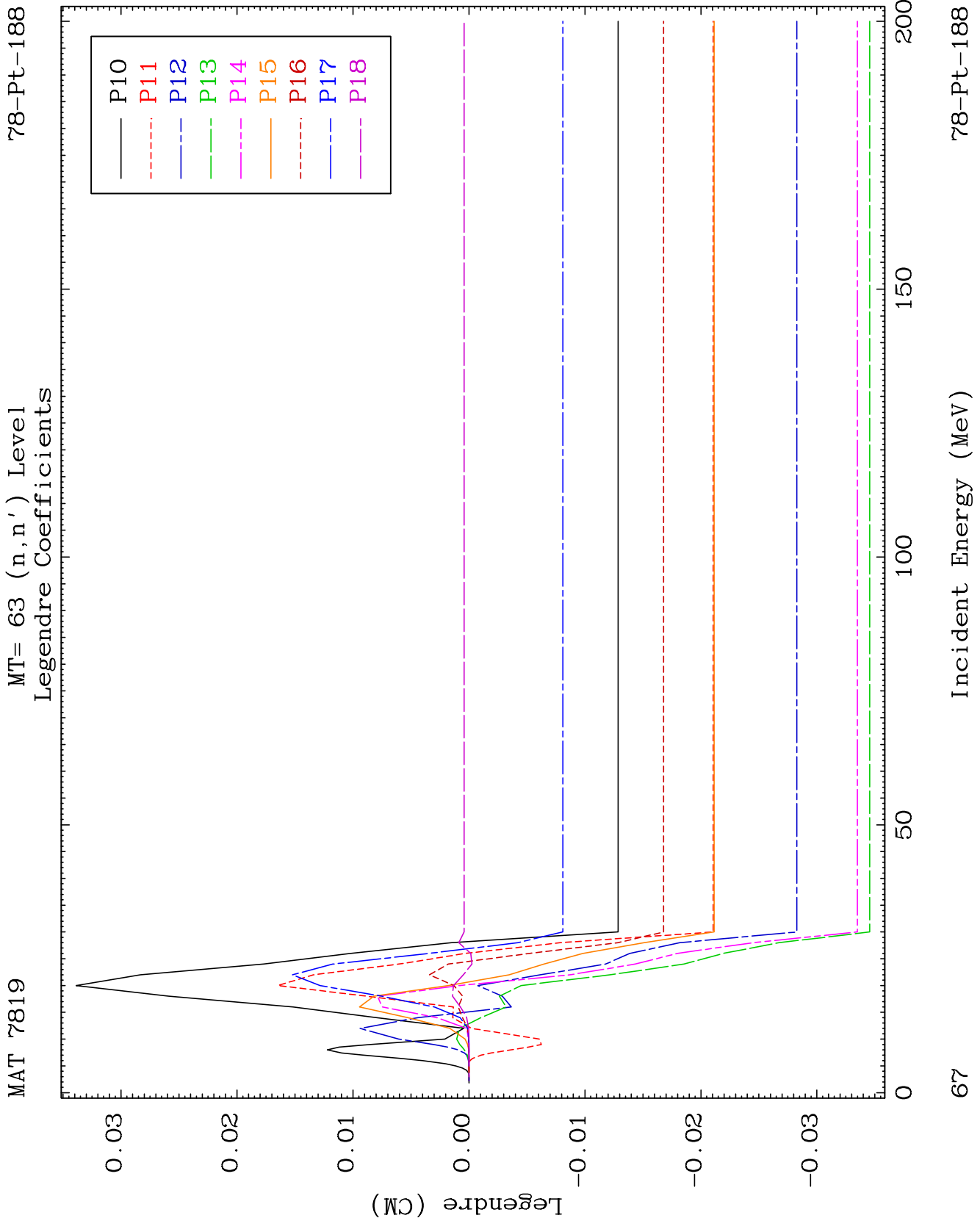
78-Pt-188



78-Pt-188

Incident Energy (MeV)

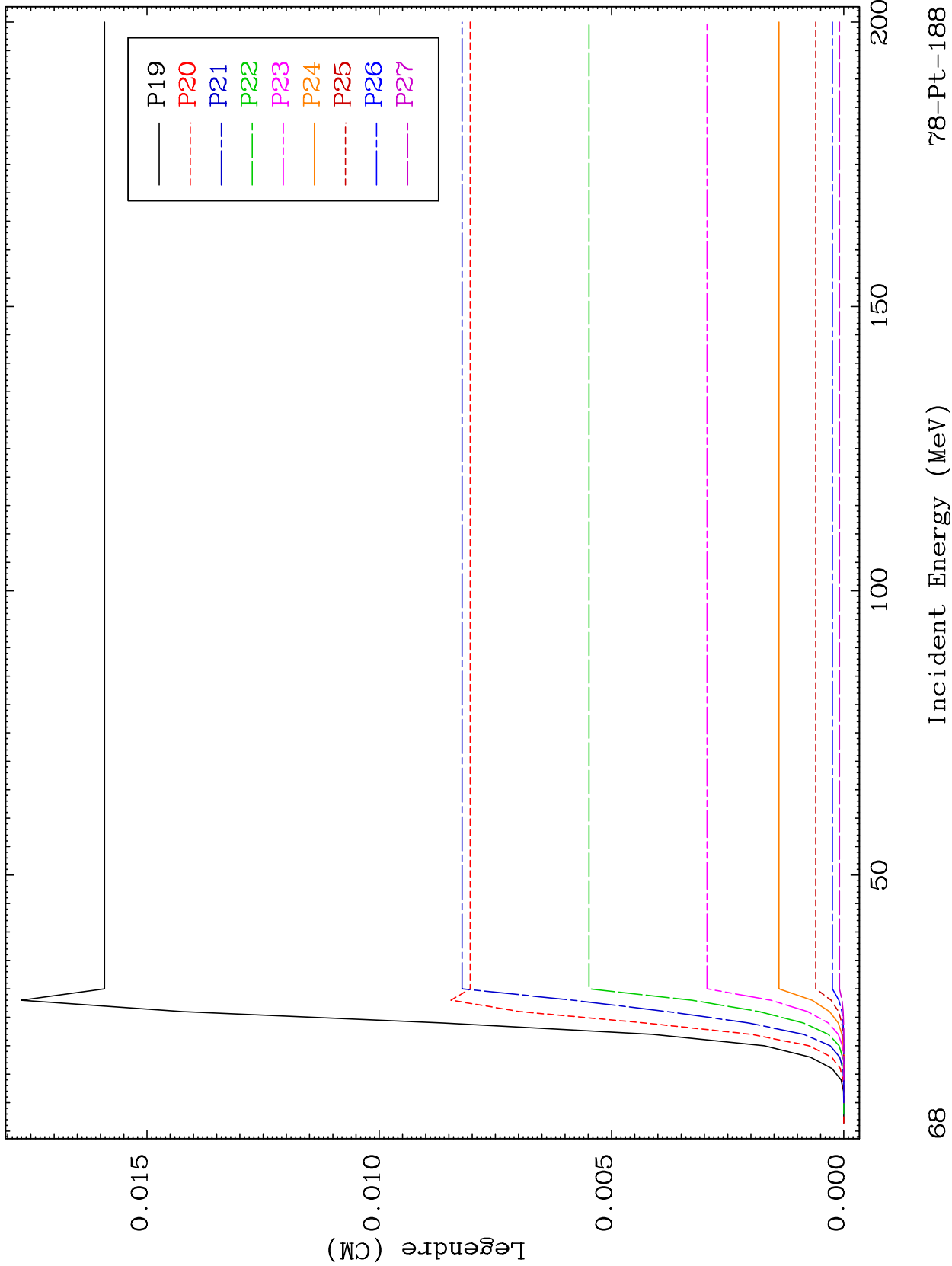
66



MAT 7819

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

78-Pt-188

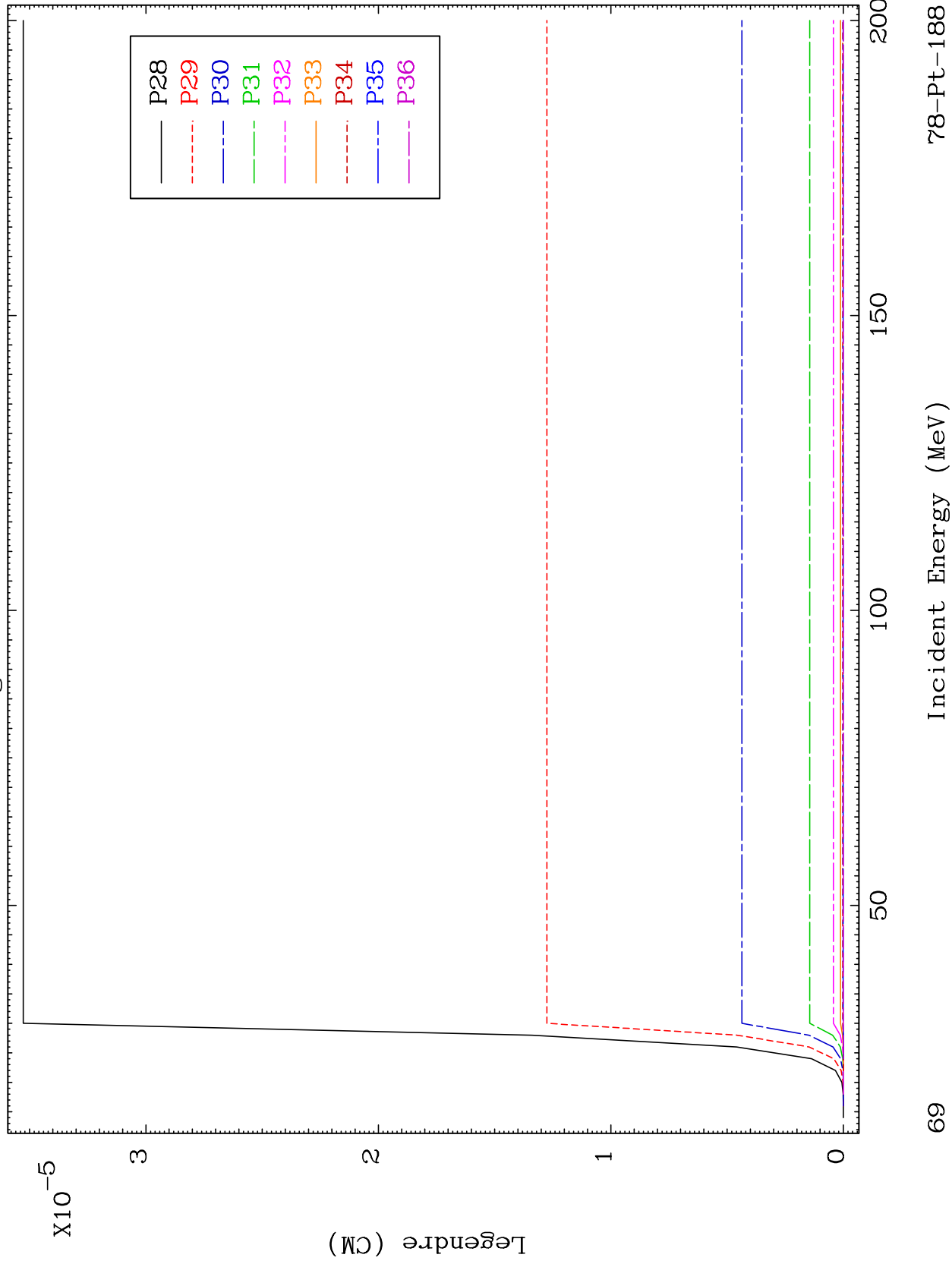


68

MAT 7819

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

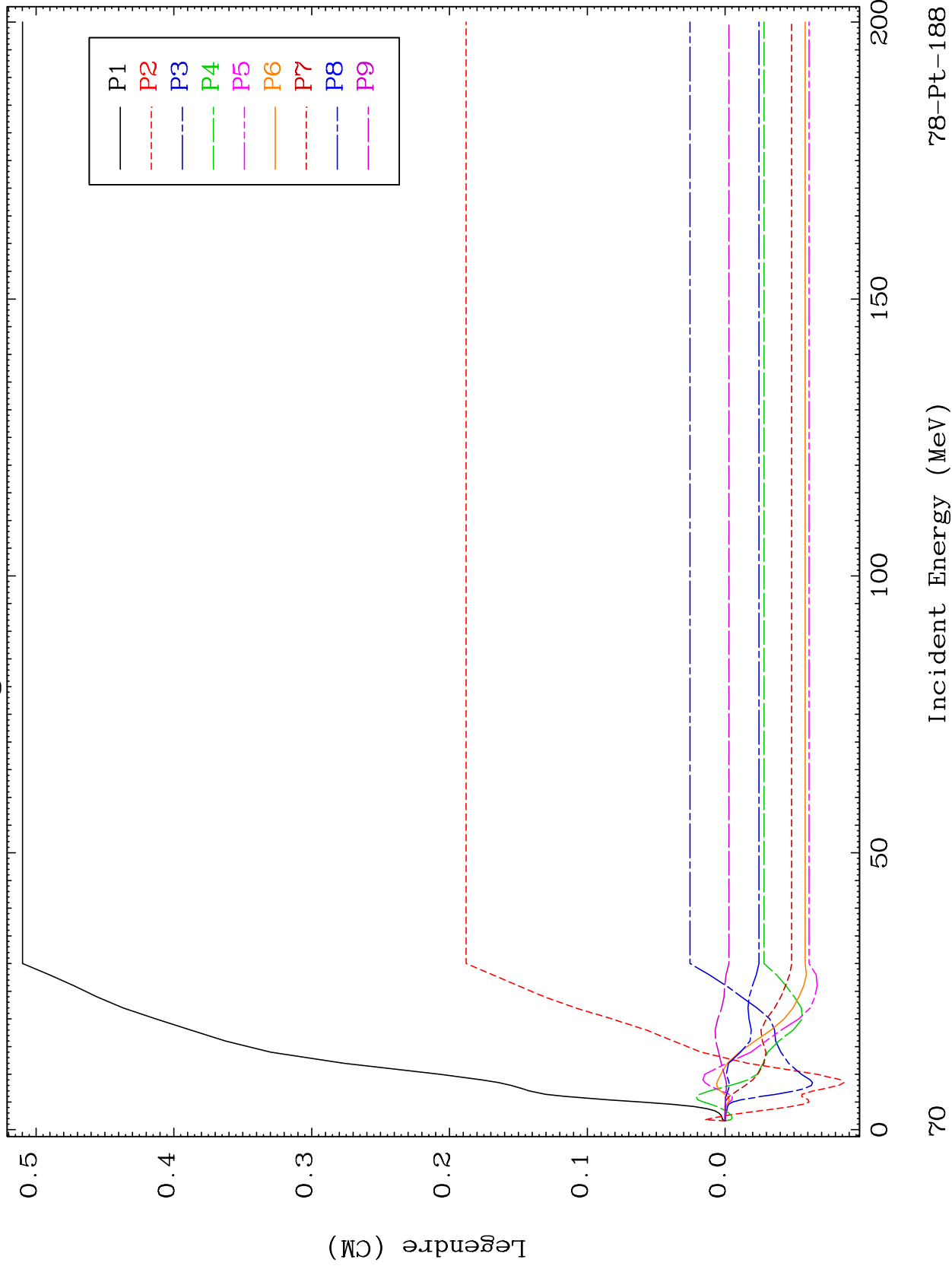
78-Pt-188



MAT 7819

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

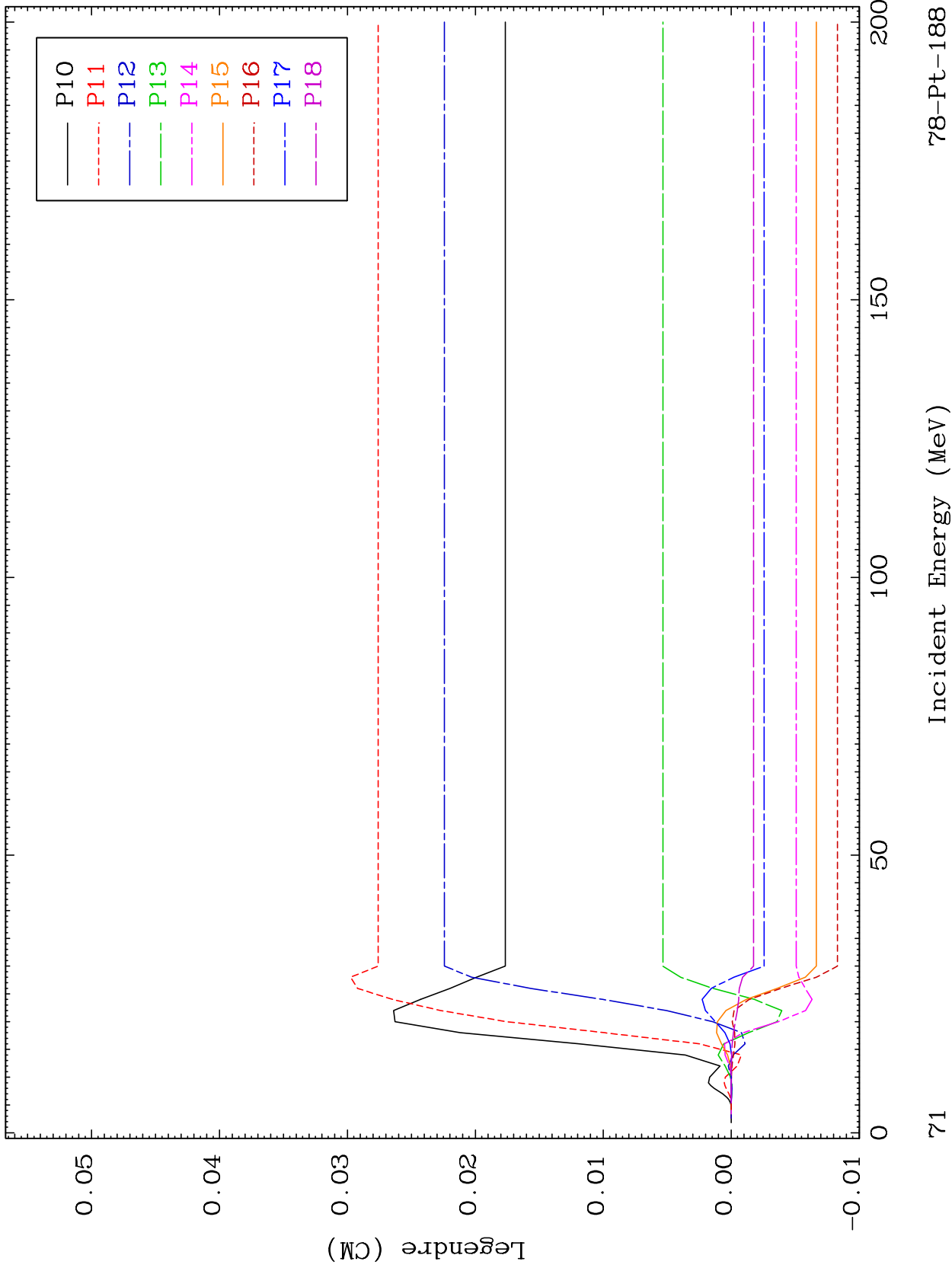
78-Pt-188



MAT 7819

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

78-Pt-188

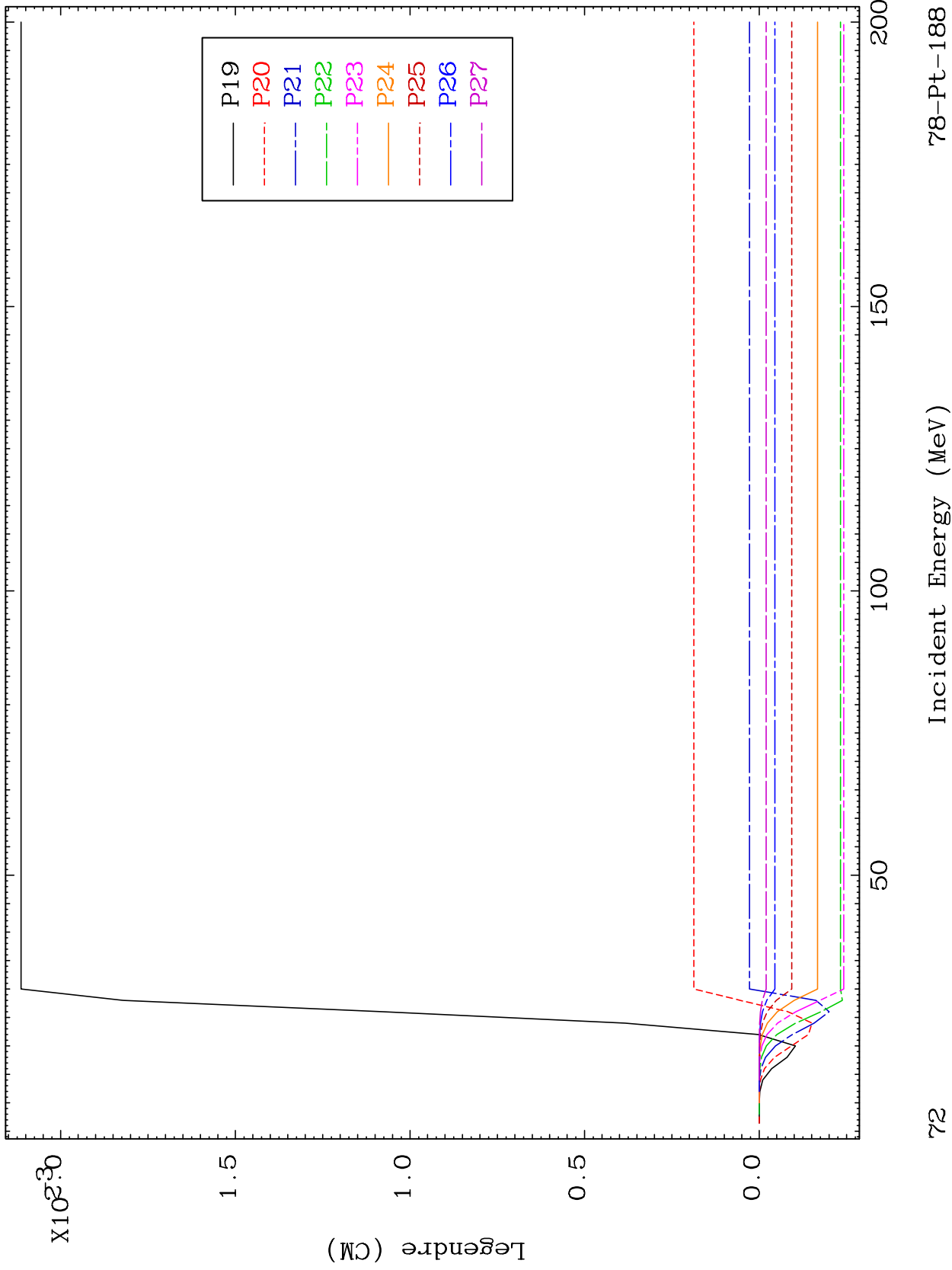


71

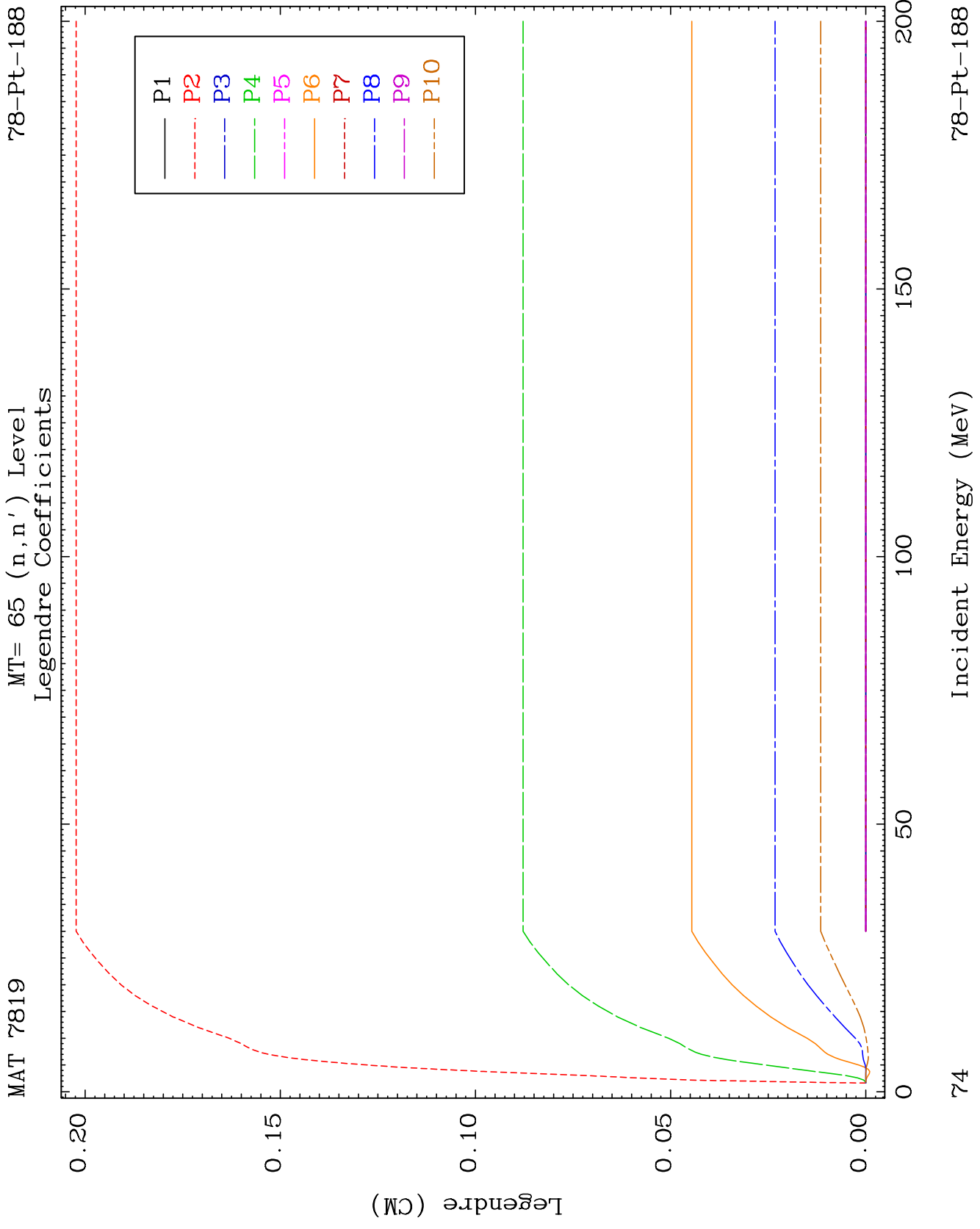
Incident Energy (MeV)

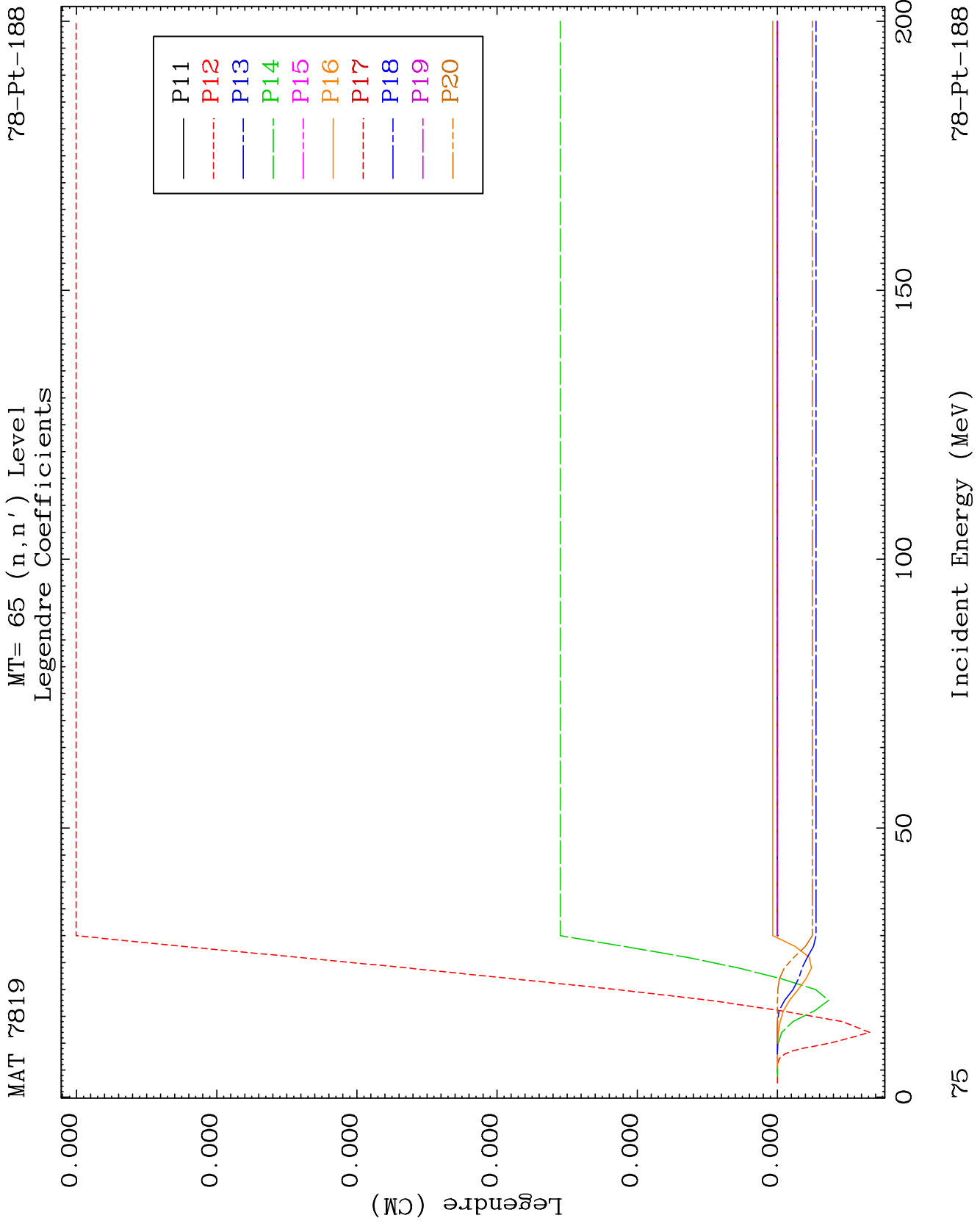
78-Pt-188







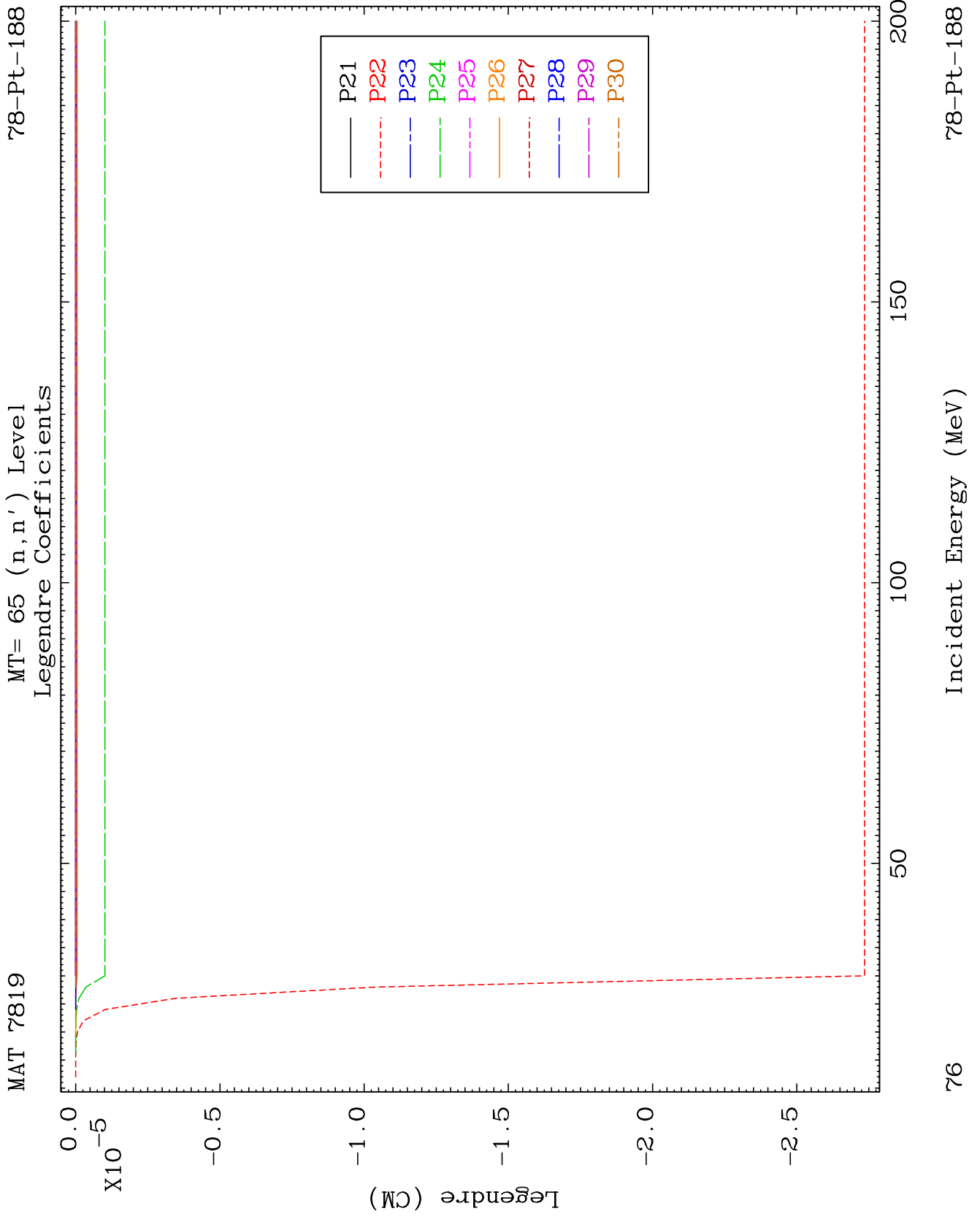




78-Pt-188

Incident Energy (MeV)

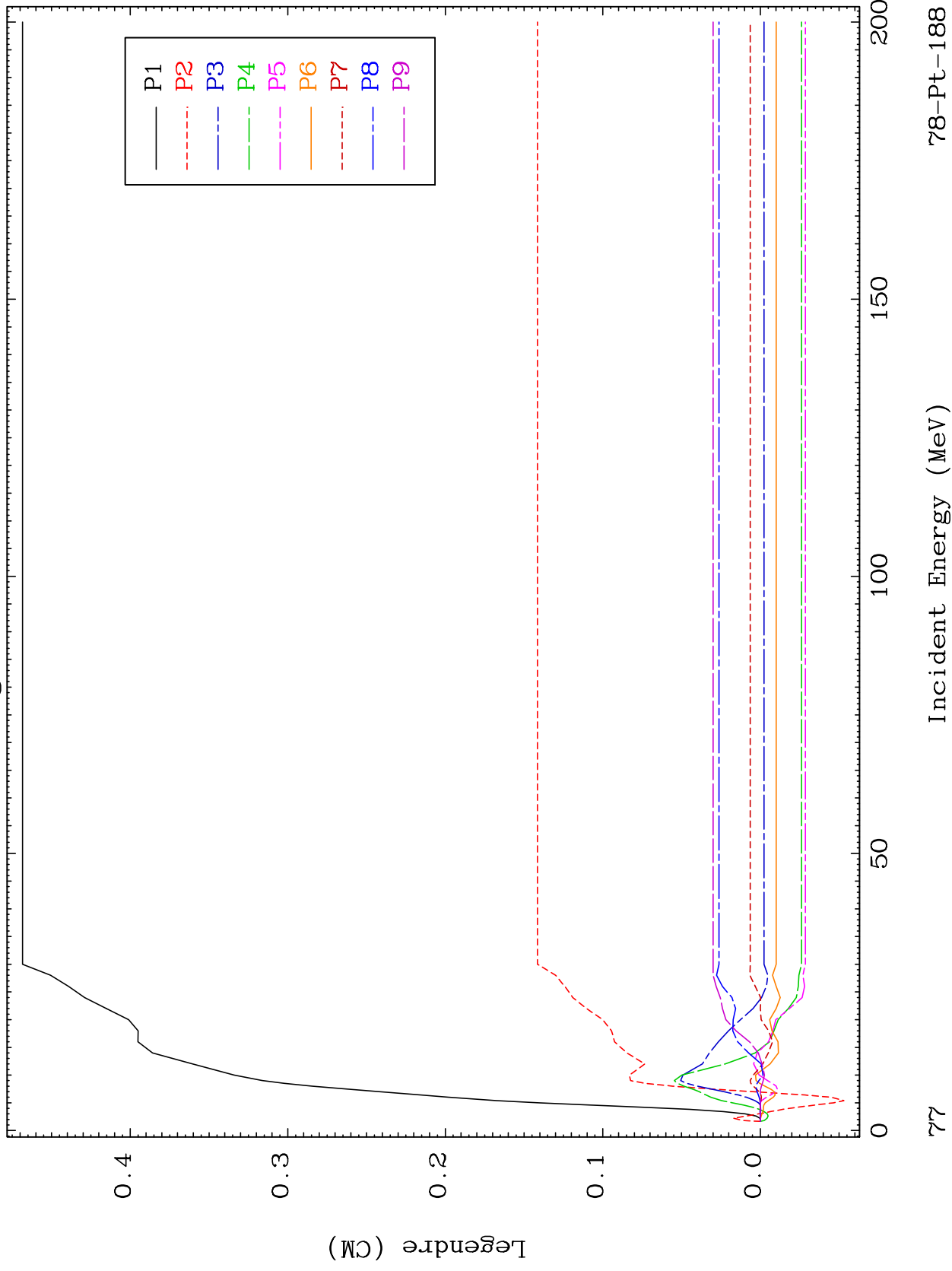
75



MAT 7819

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

78-Pt-188



78-Pt-188

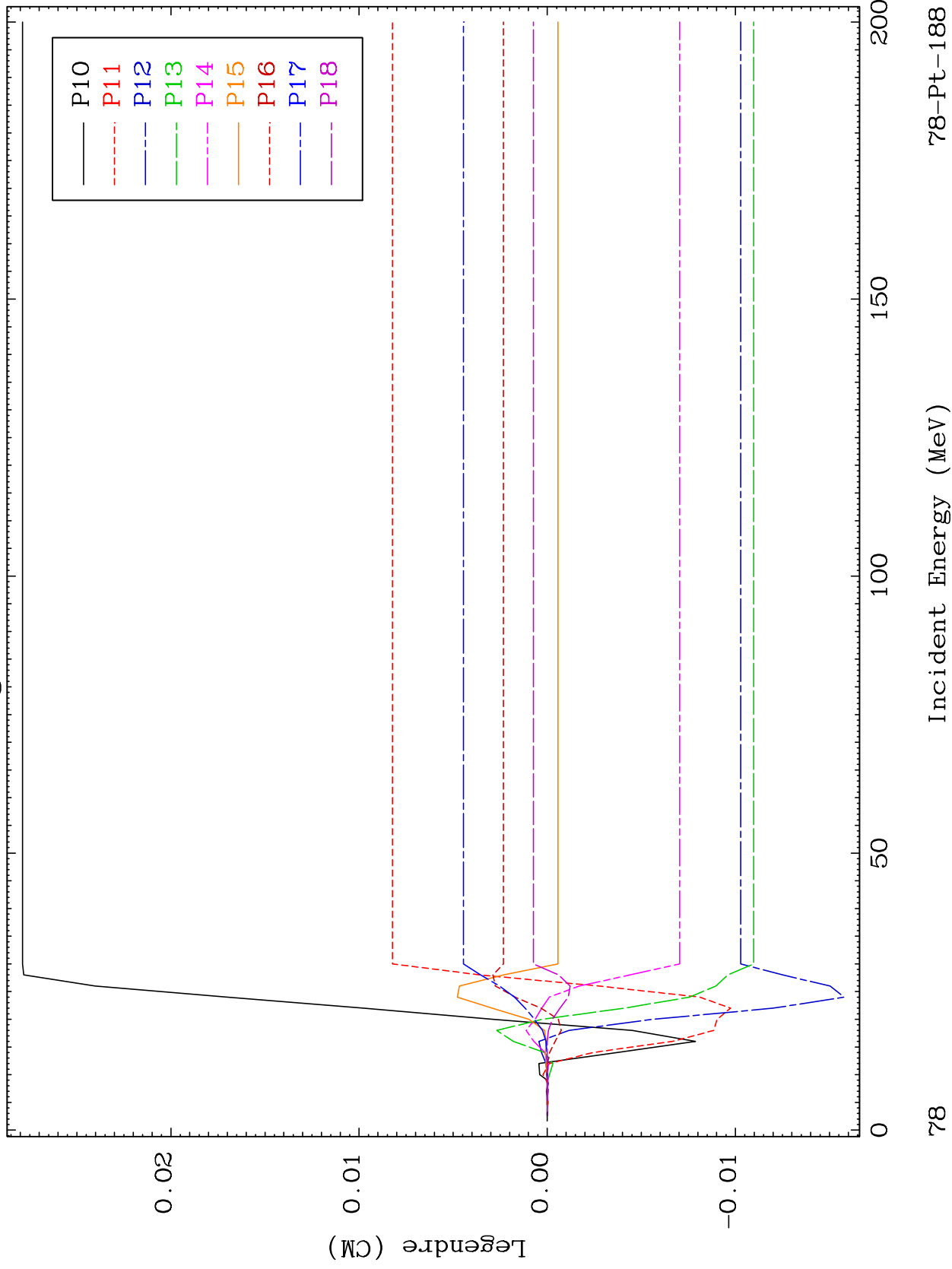
Incident Energy (MeV)

77

MAT 7819

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

78-Pt-188



78-Pt-188

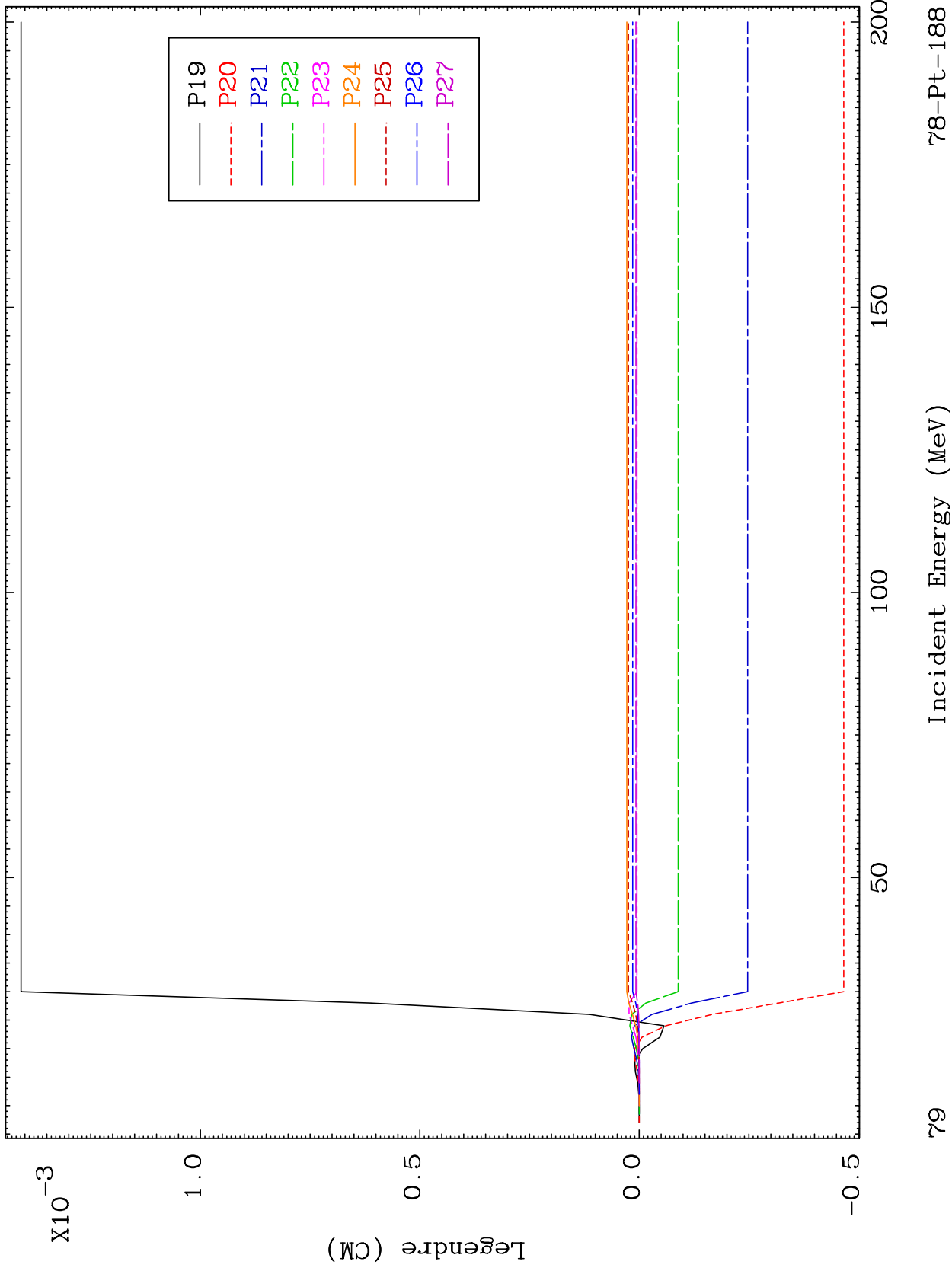
Incident Energy (MeV)

78

MAT 7819

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

78-Pt-188



79

Incident Energy (MeV)

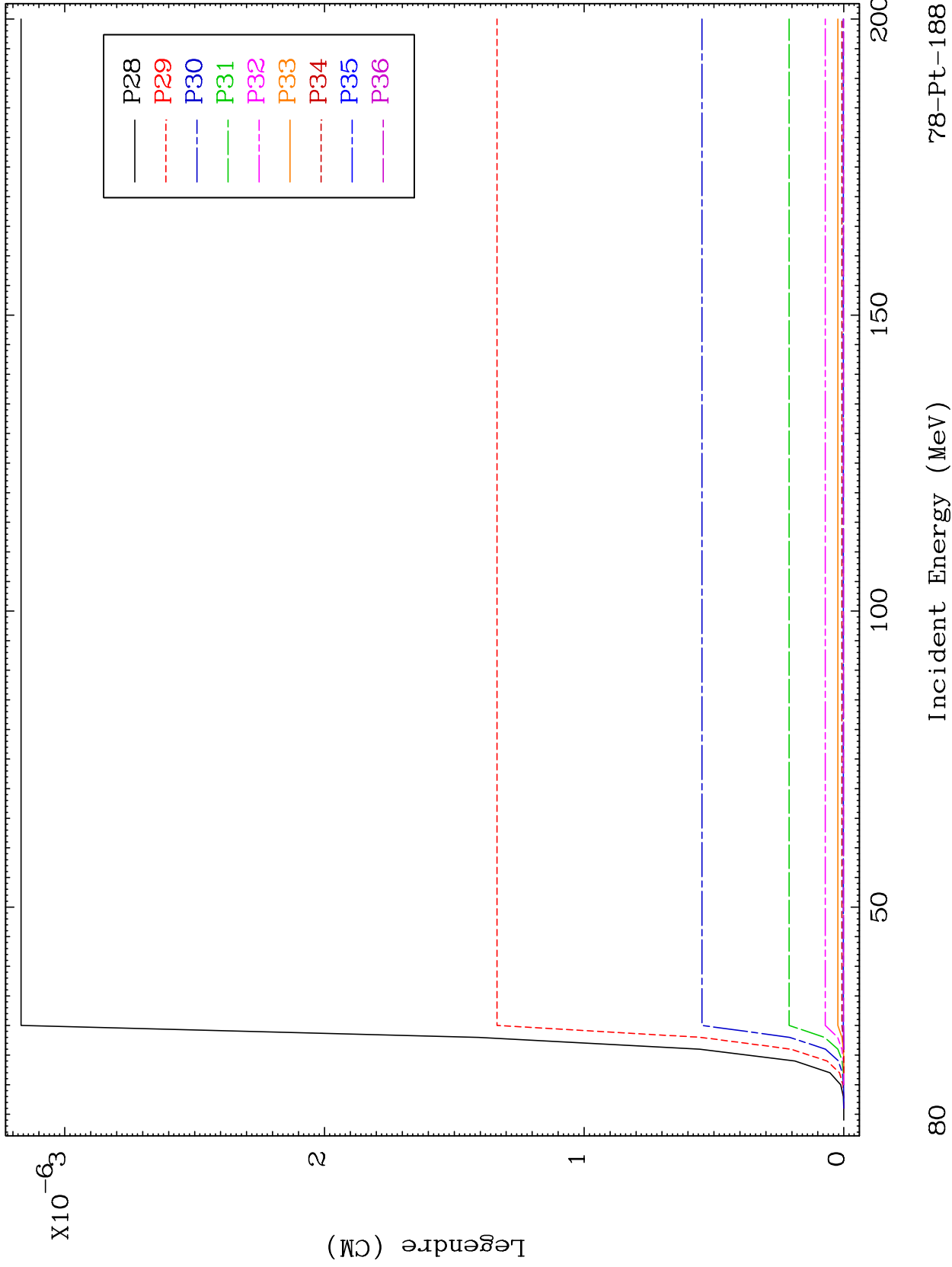
78-Pt-188



MAT 7819

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

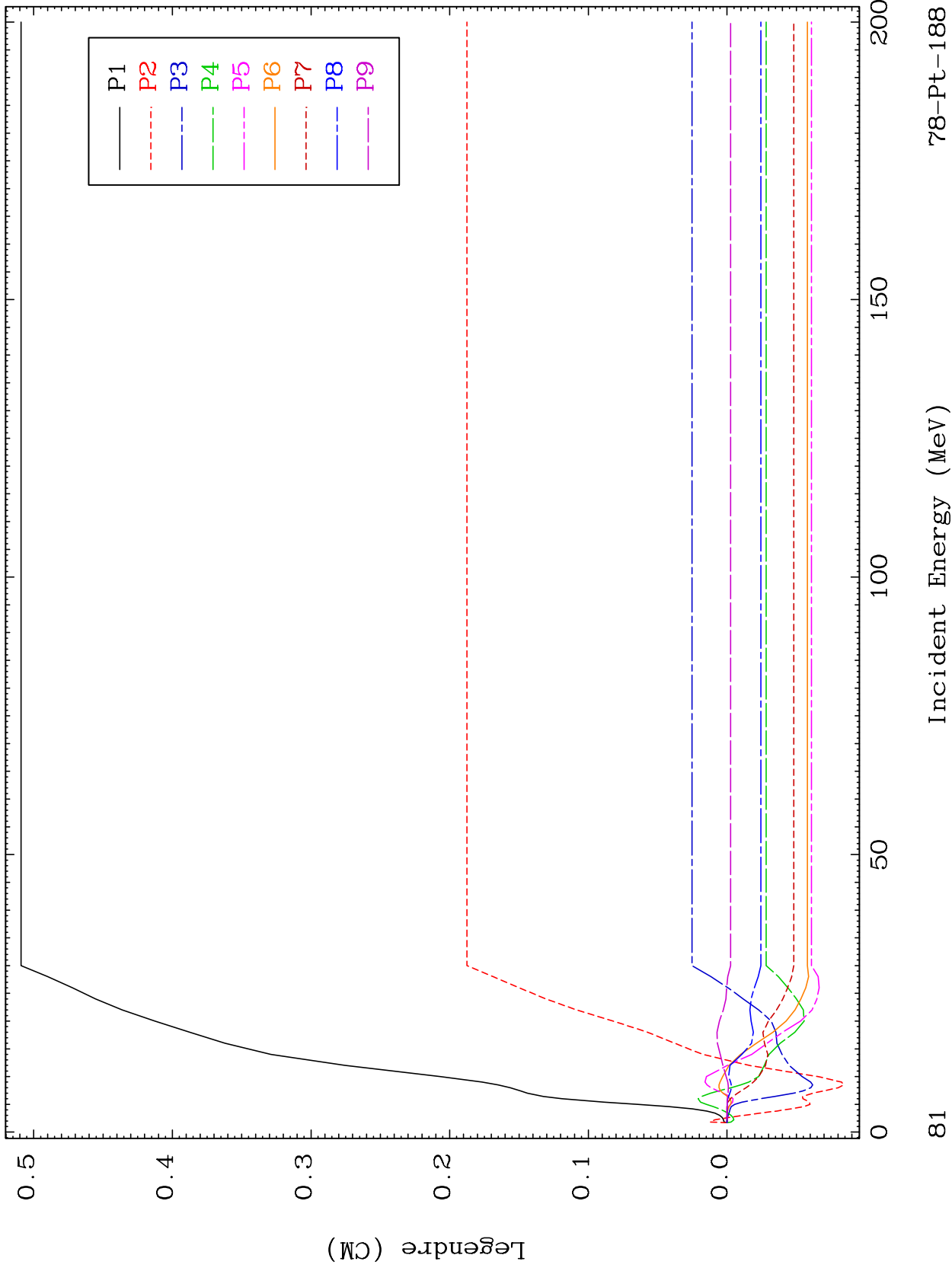
78-Pt-188



MAT 7819

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

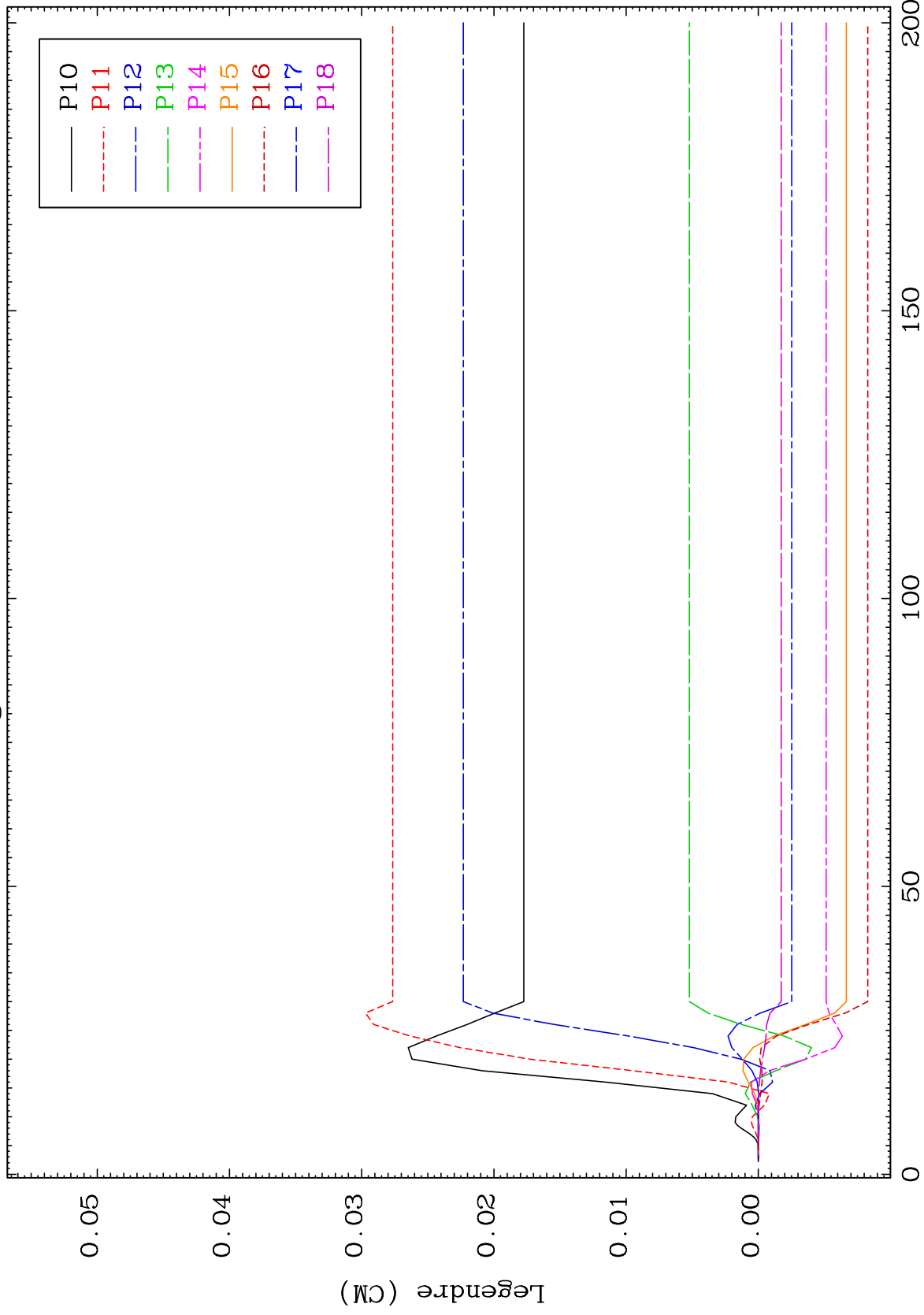
78-Pt-188



MAT 7819

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

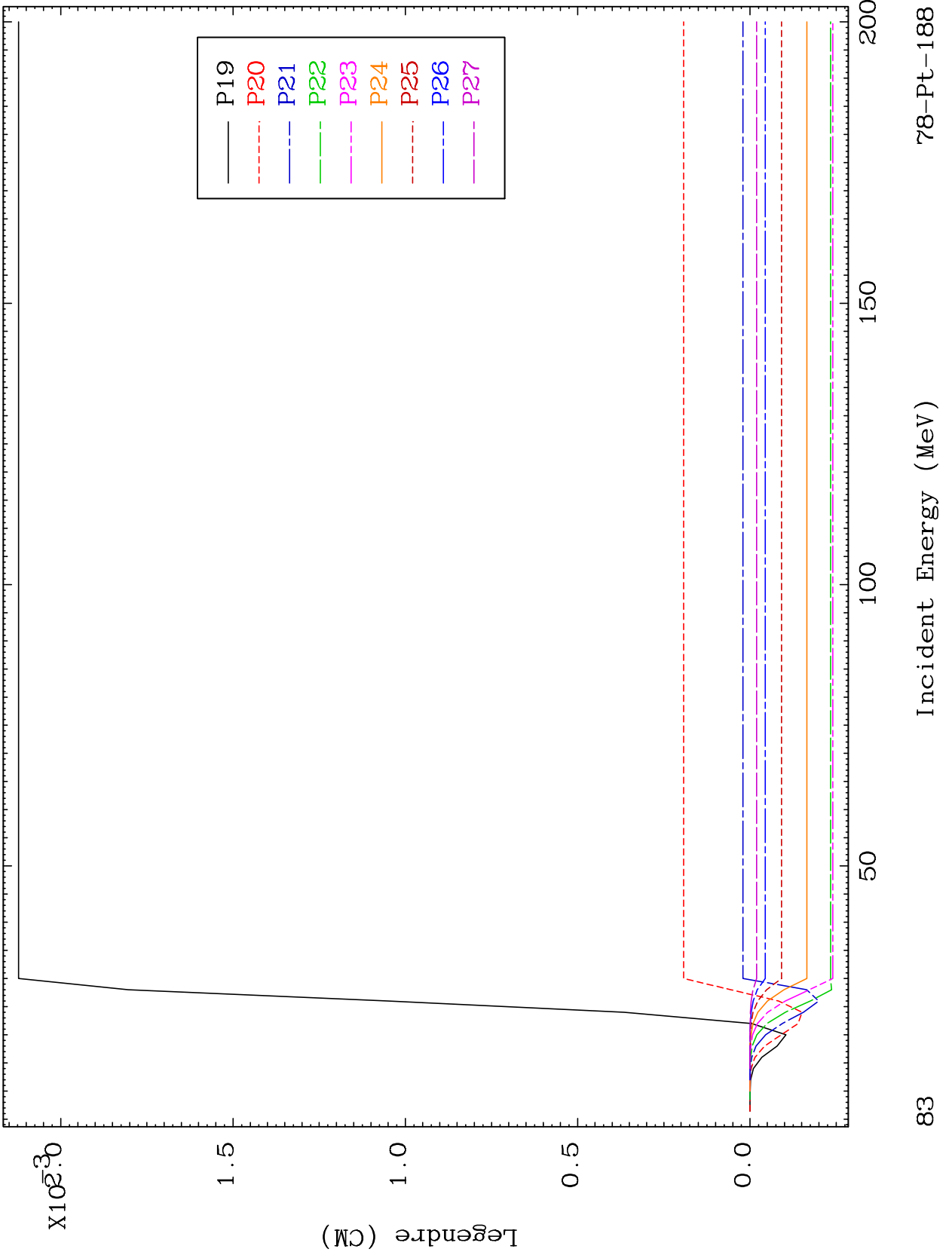
78-Pt-188



82

Incident Energy (MeV)

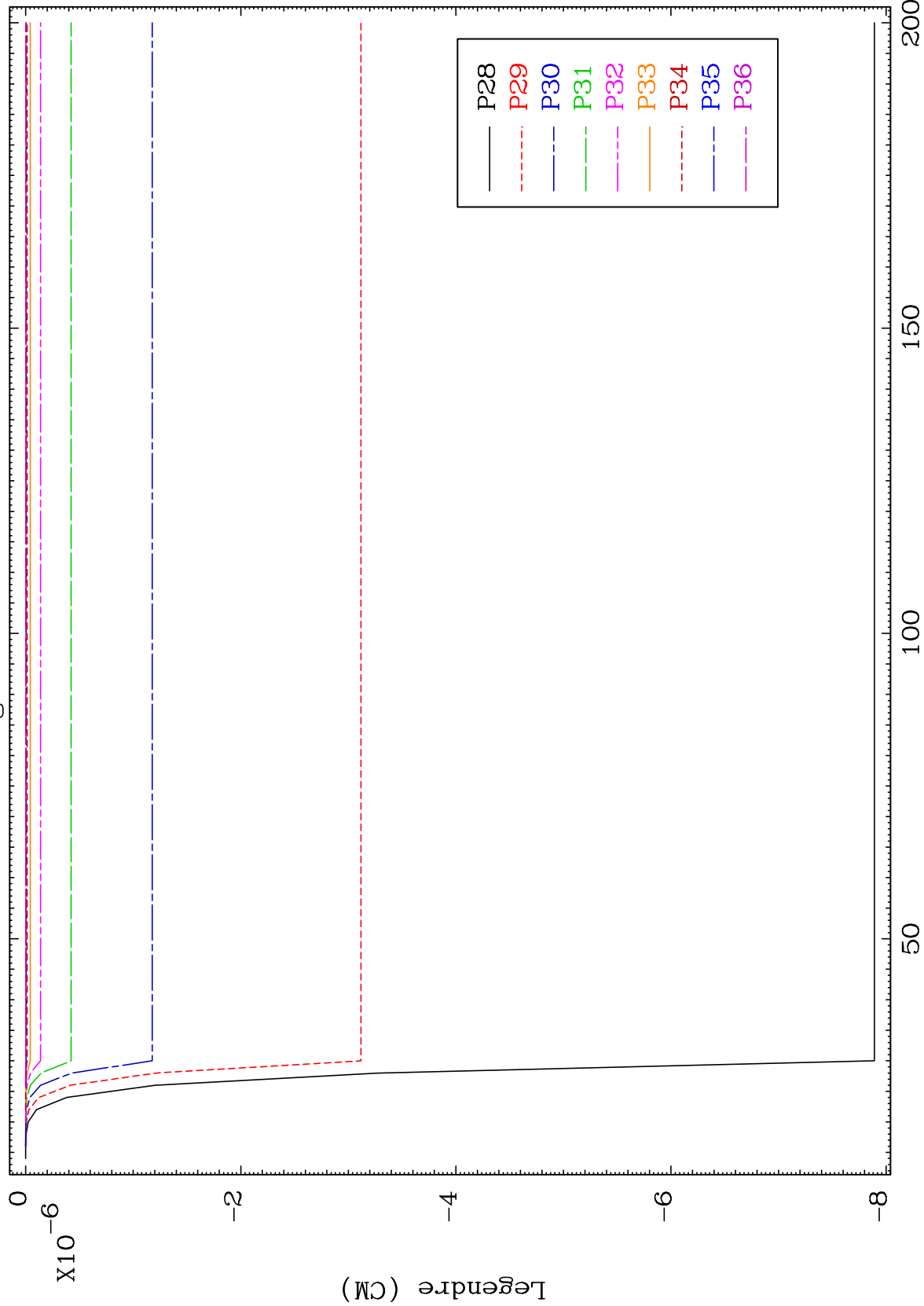
78-Pt-188



MAT 7819

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

78-Pt-188



78-Pt-188

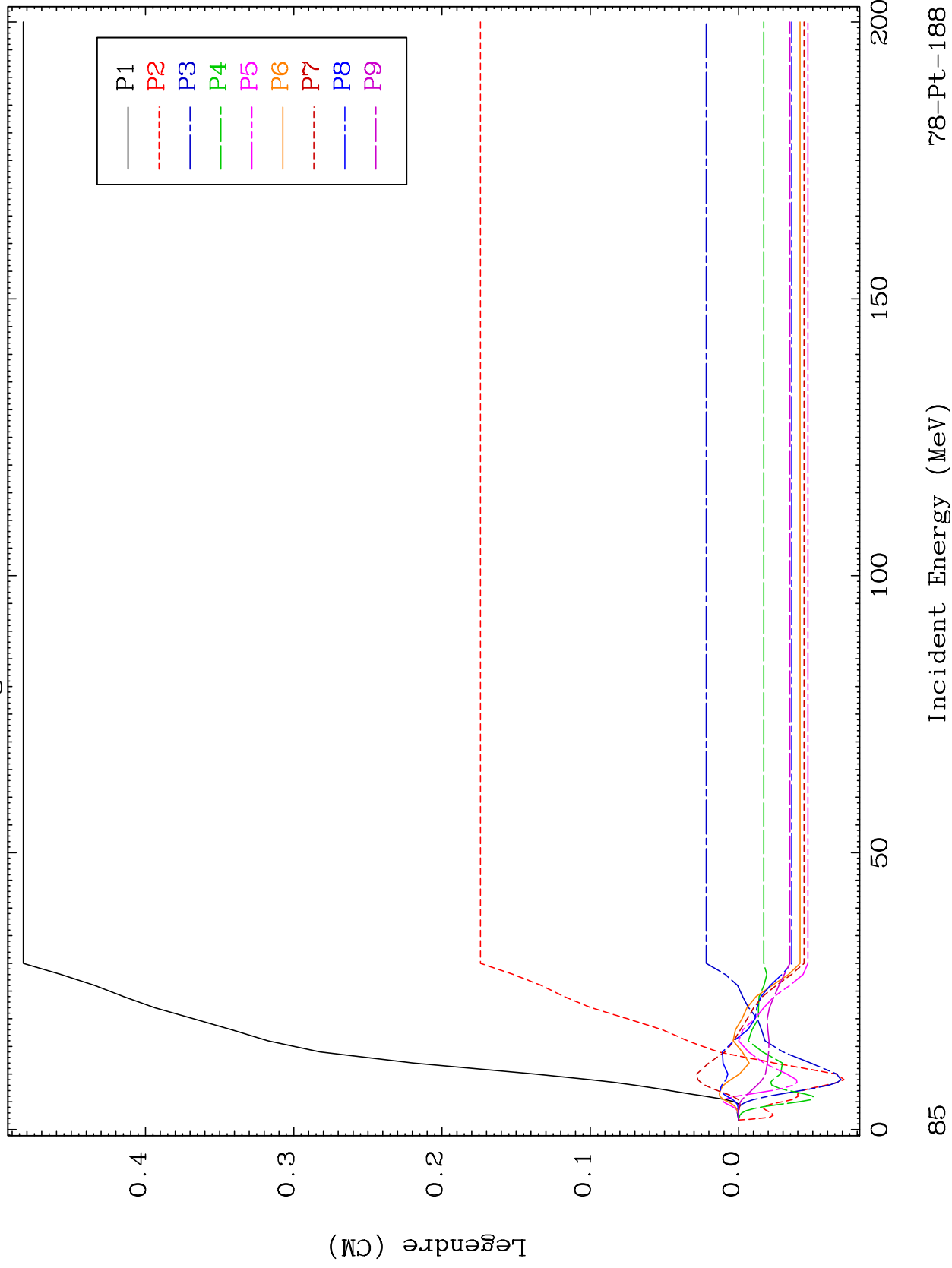
Incident Energy (MeV)

84

MAT 7819

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

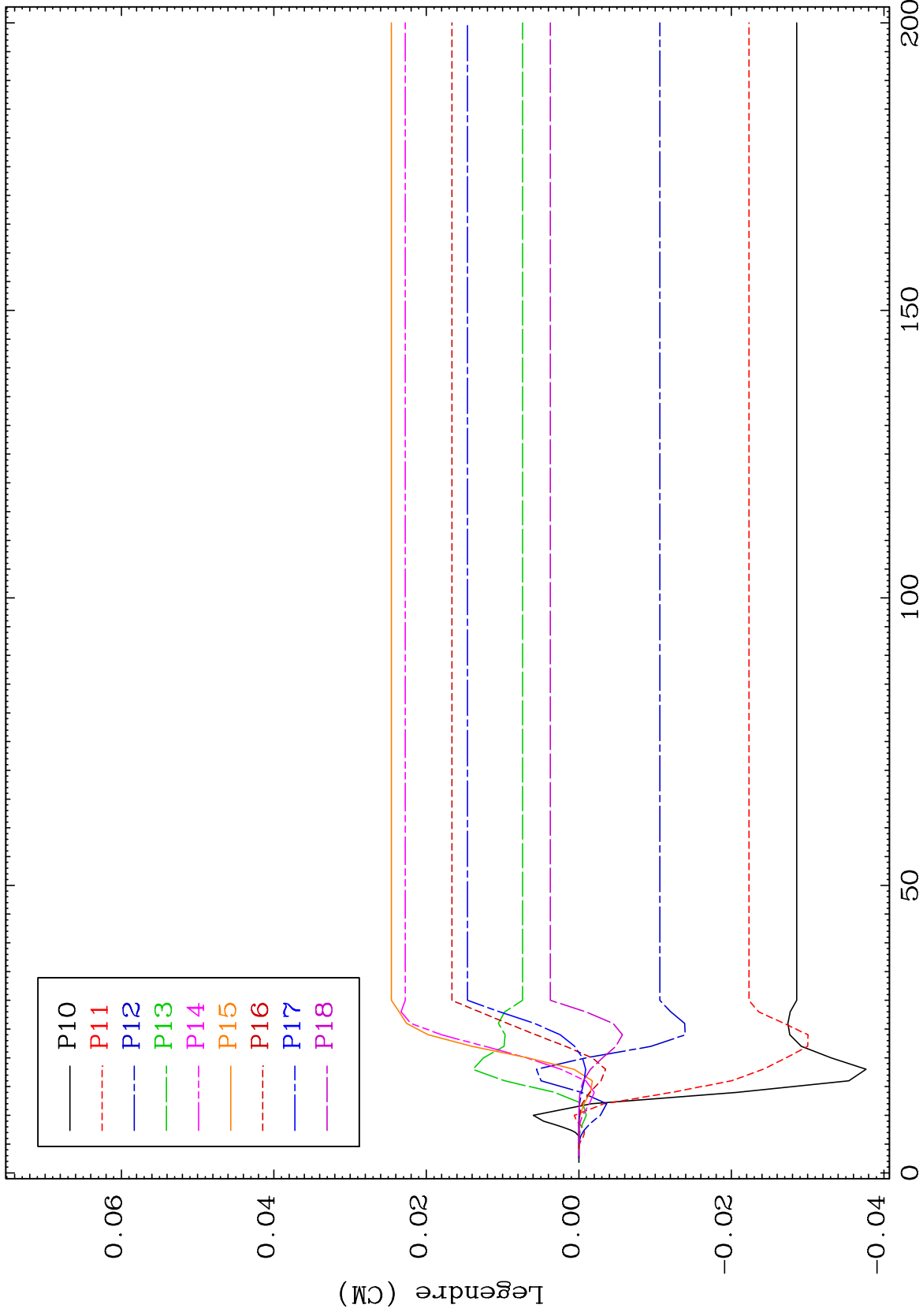
78-Pt-188



MAT 7819

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

78-Pt-188



86

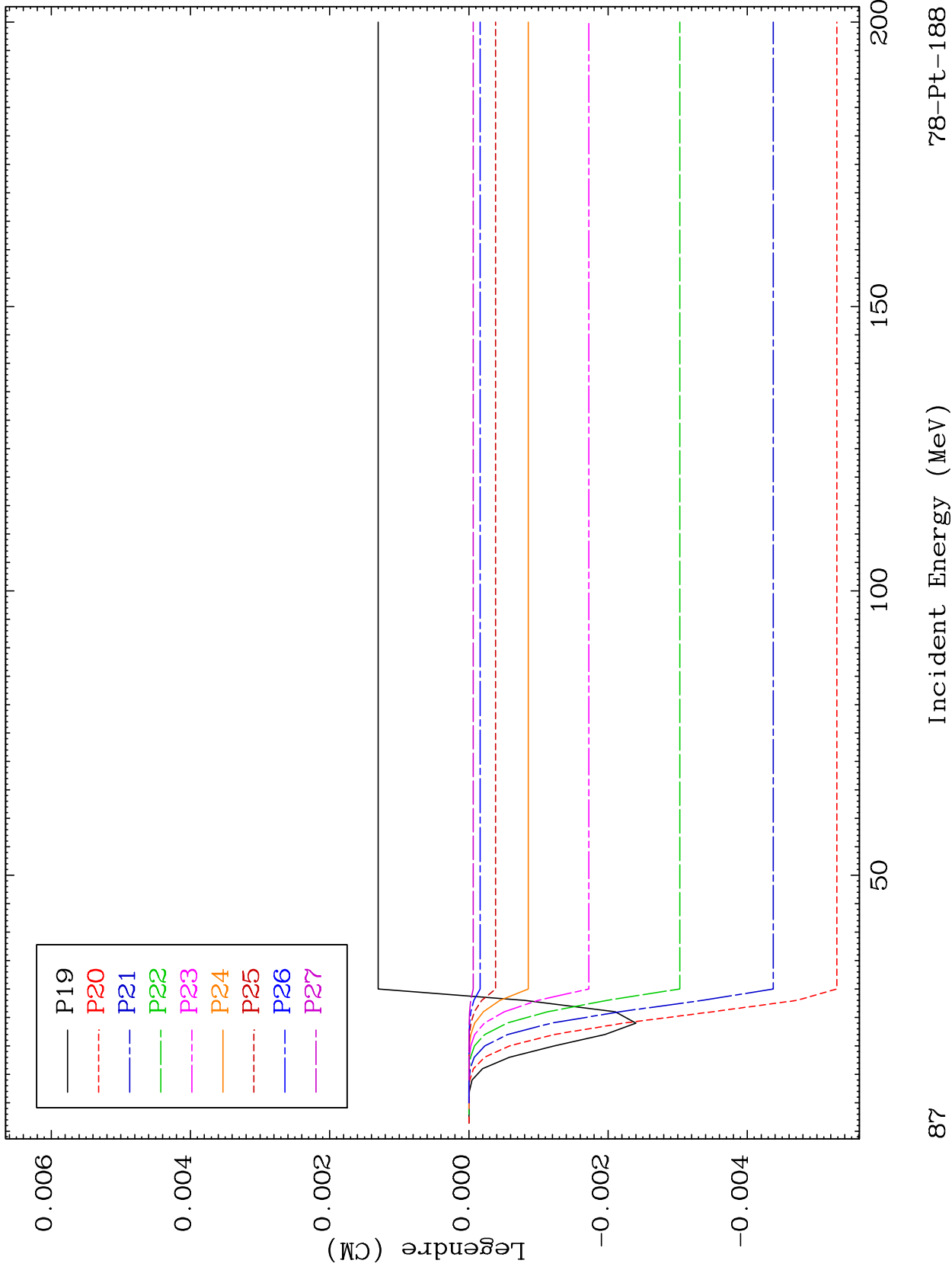
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188

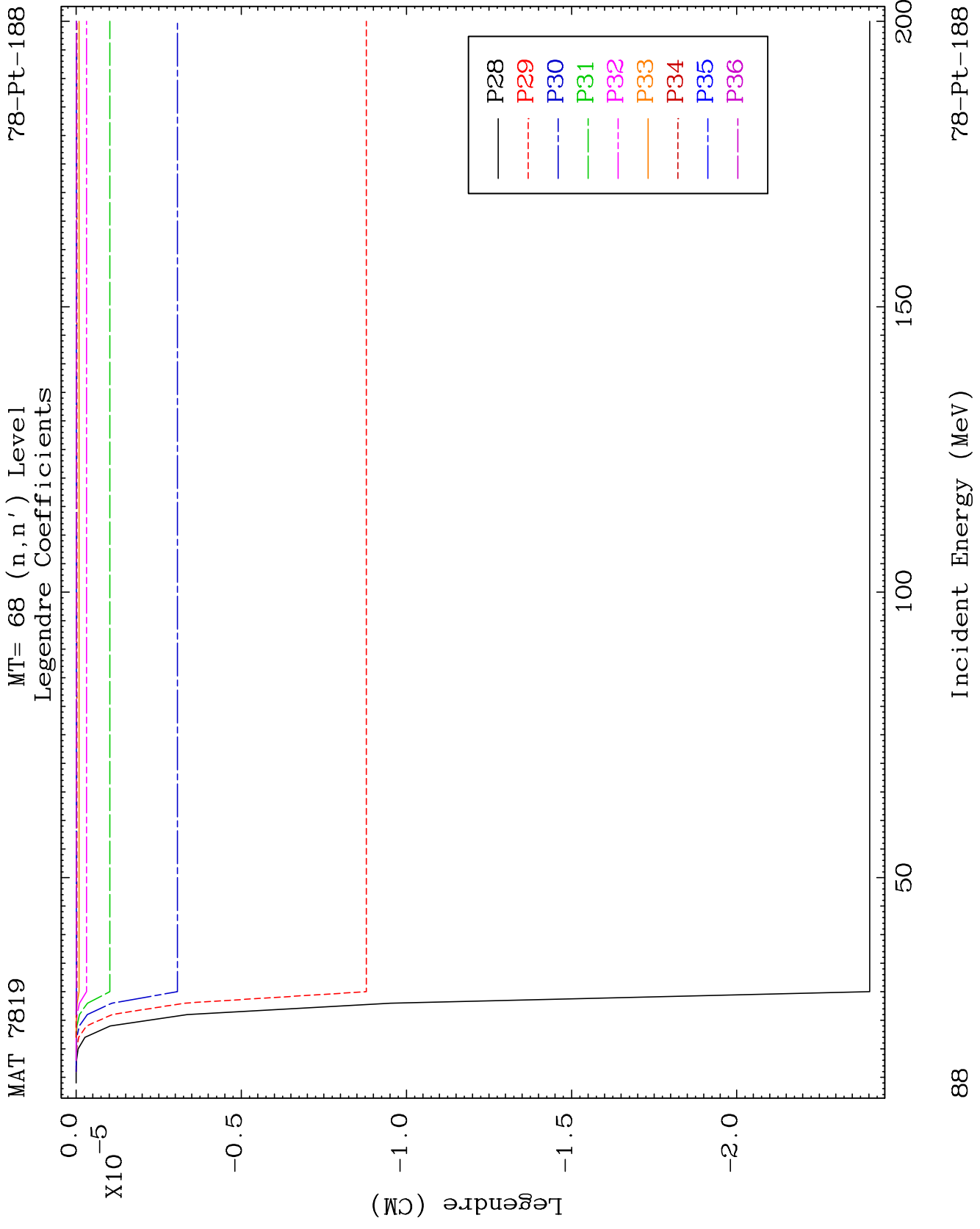


87

Incident Energy (MeV)

78-Pt-188

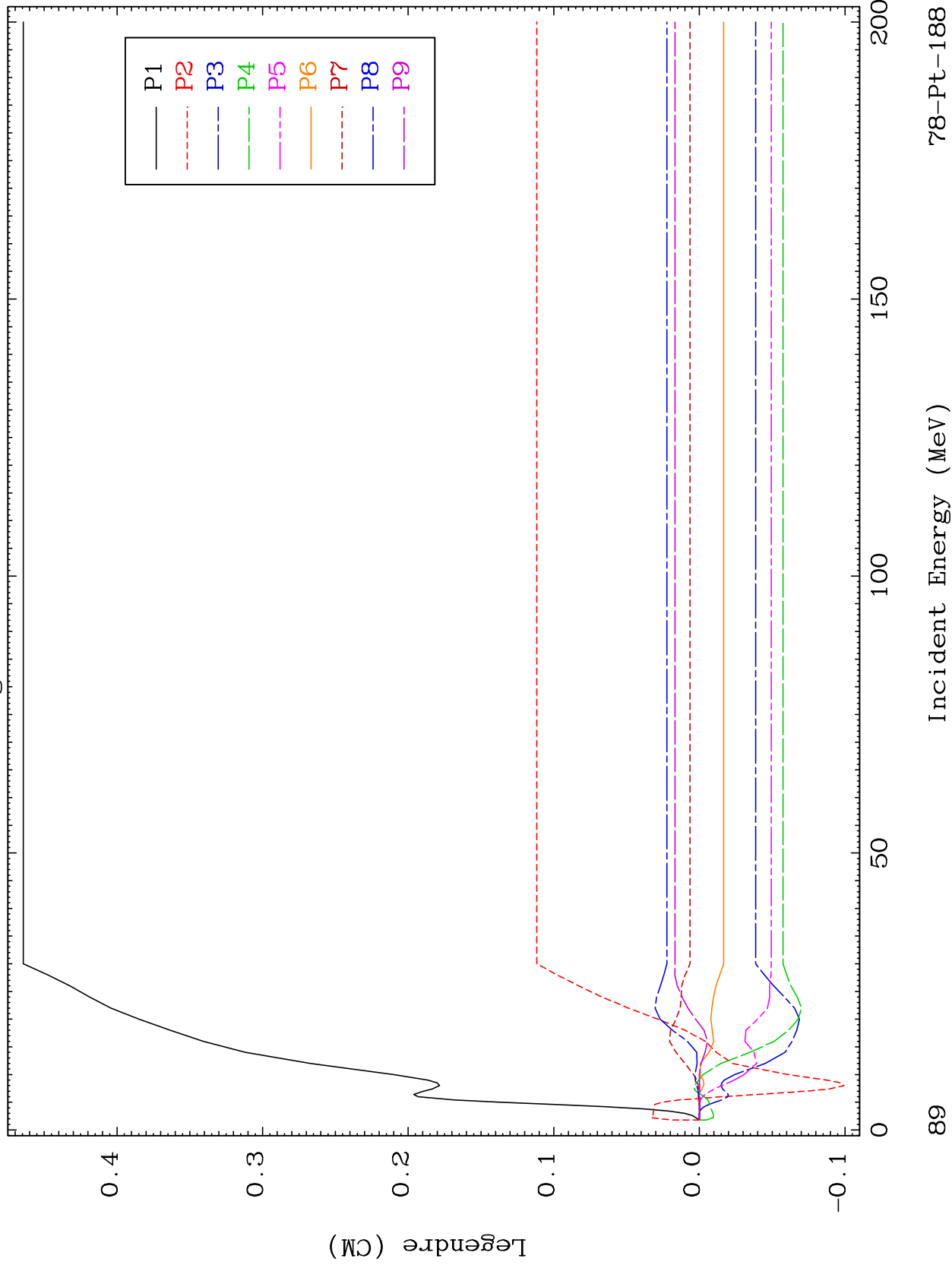




MAT 7819

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

78-Pt-188



78-Pt-188

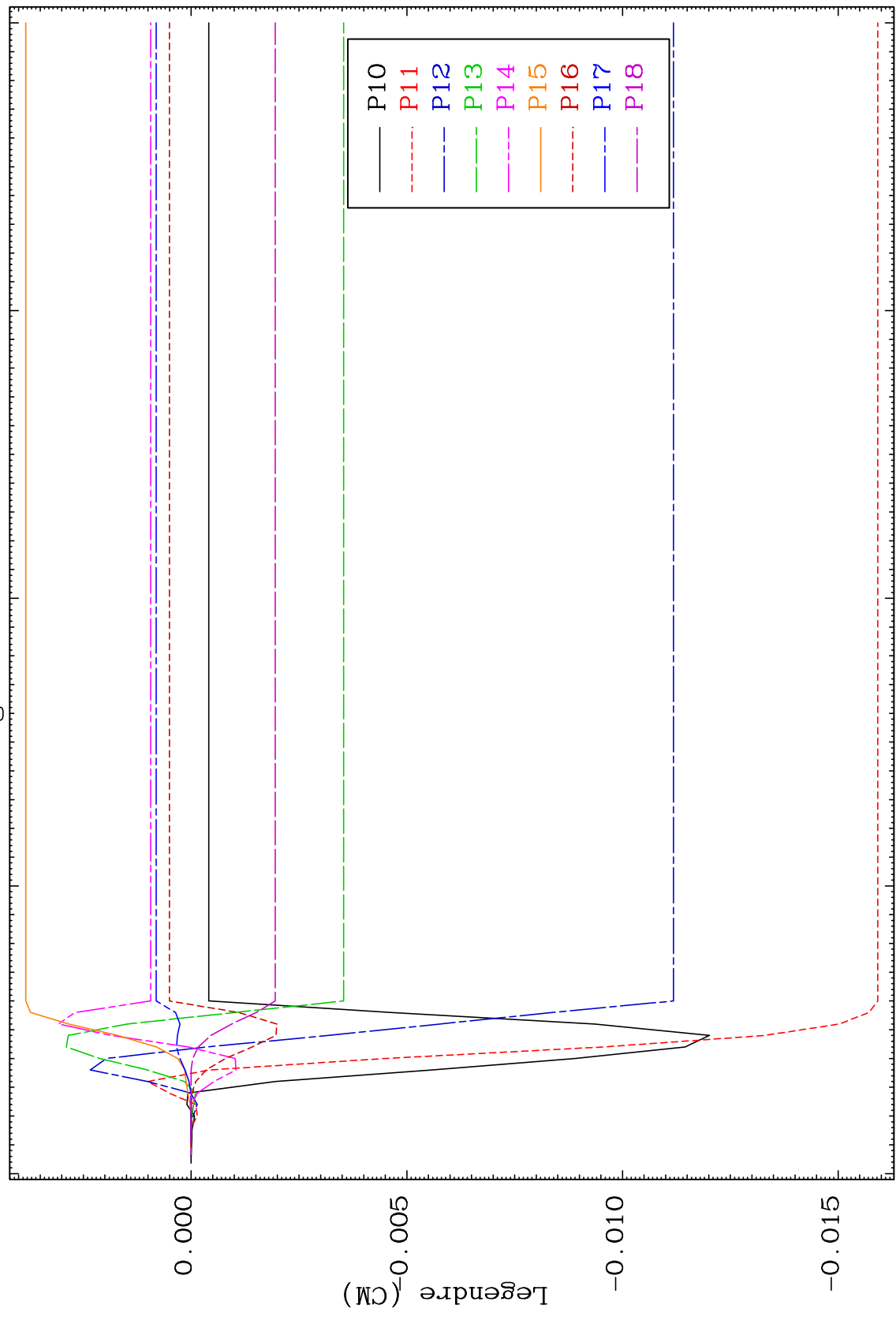
Incident Energy (MeV)

89

MAT 7819

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

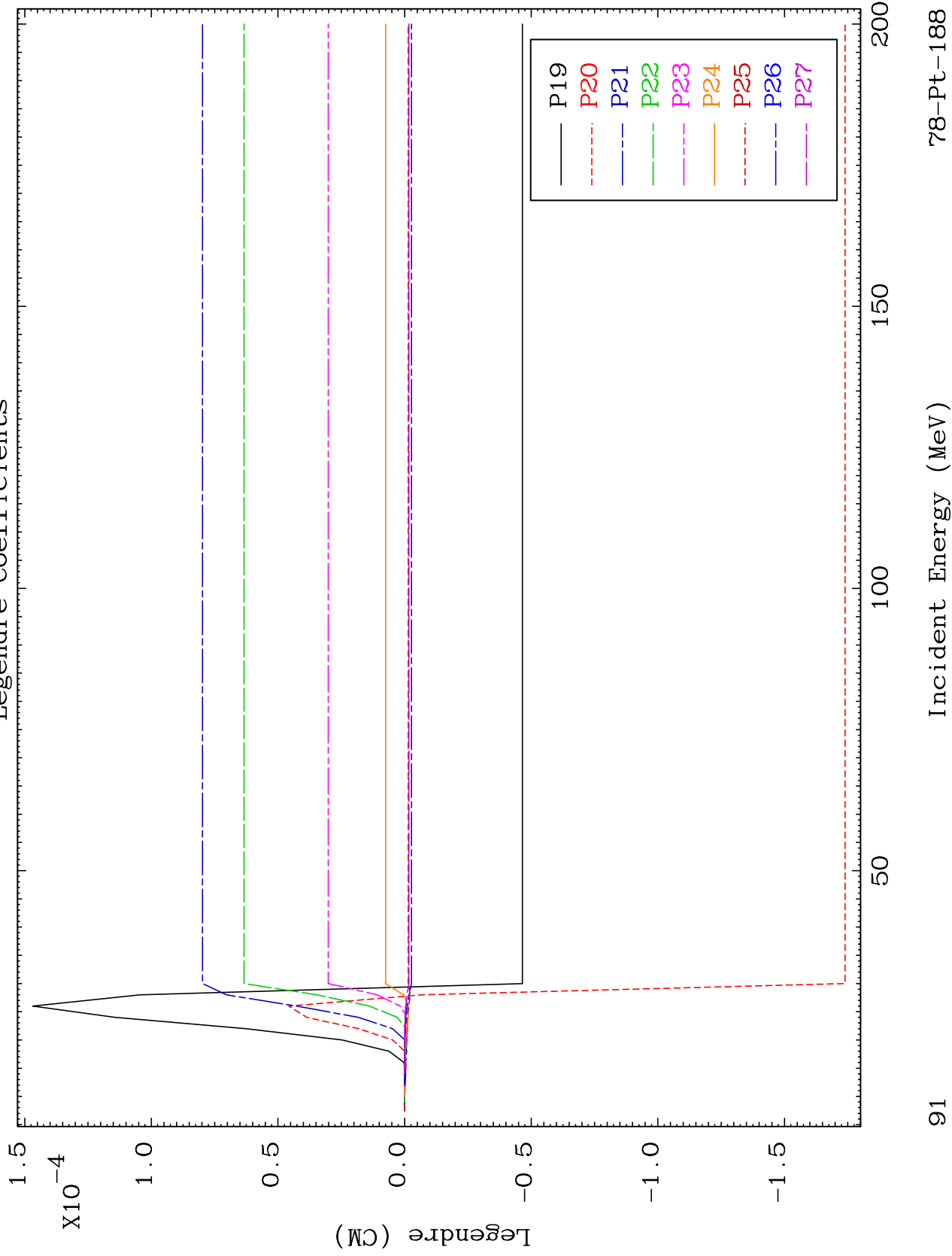
78-Pt-188

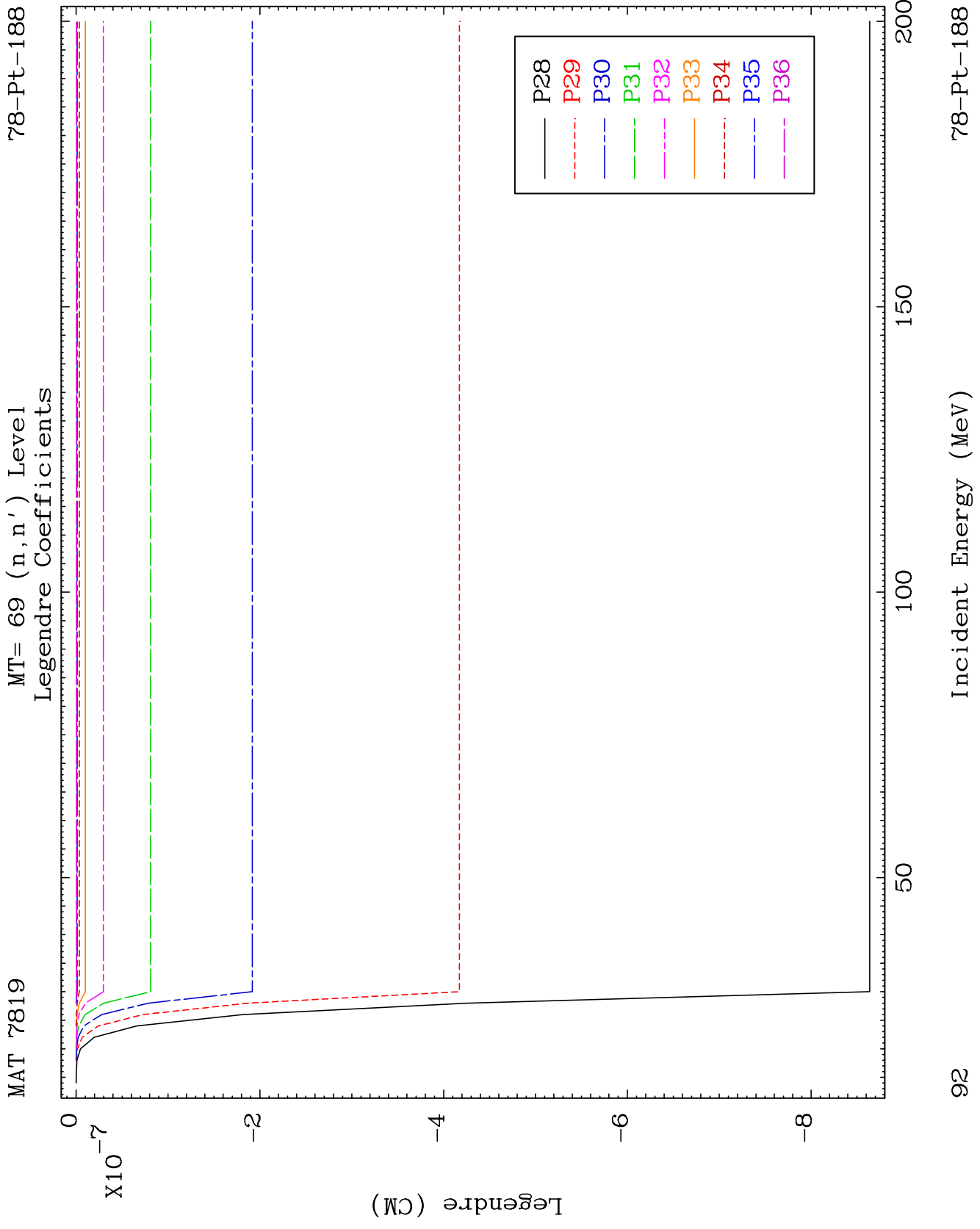


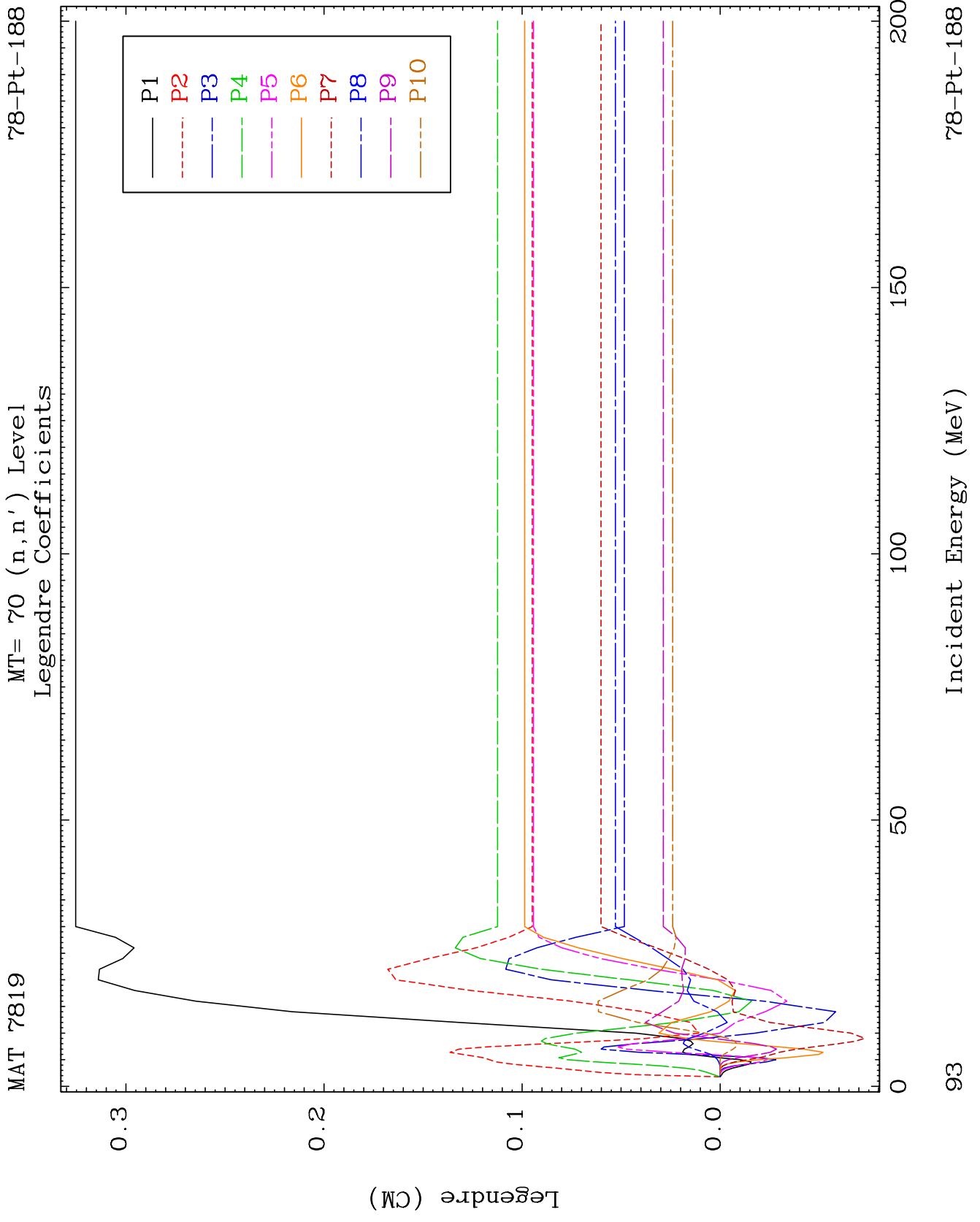
90

Incident Energy (MeV)

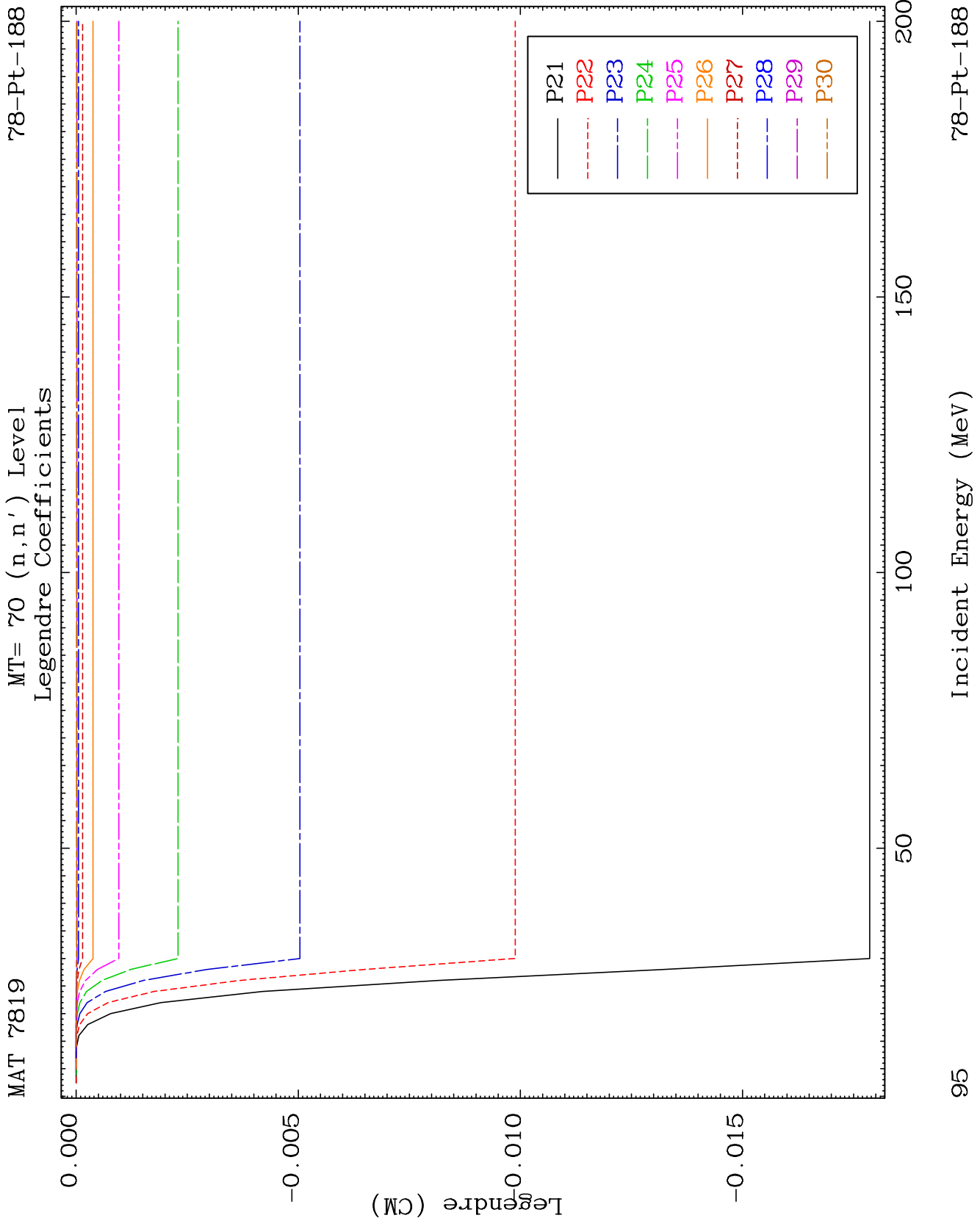
78-Pt-188









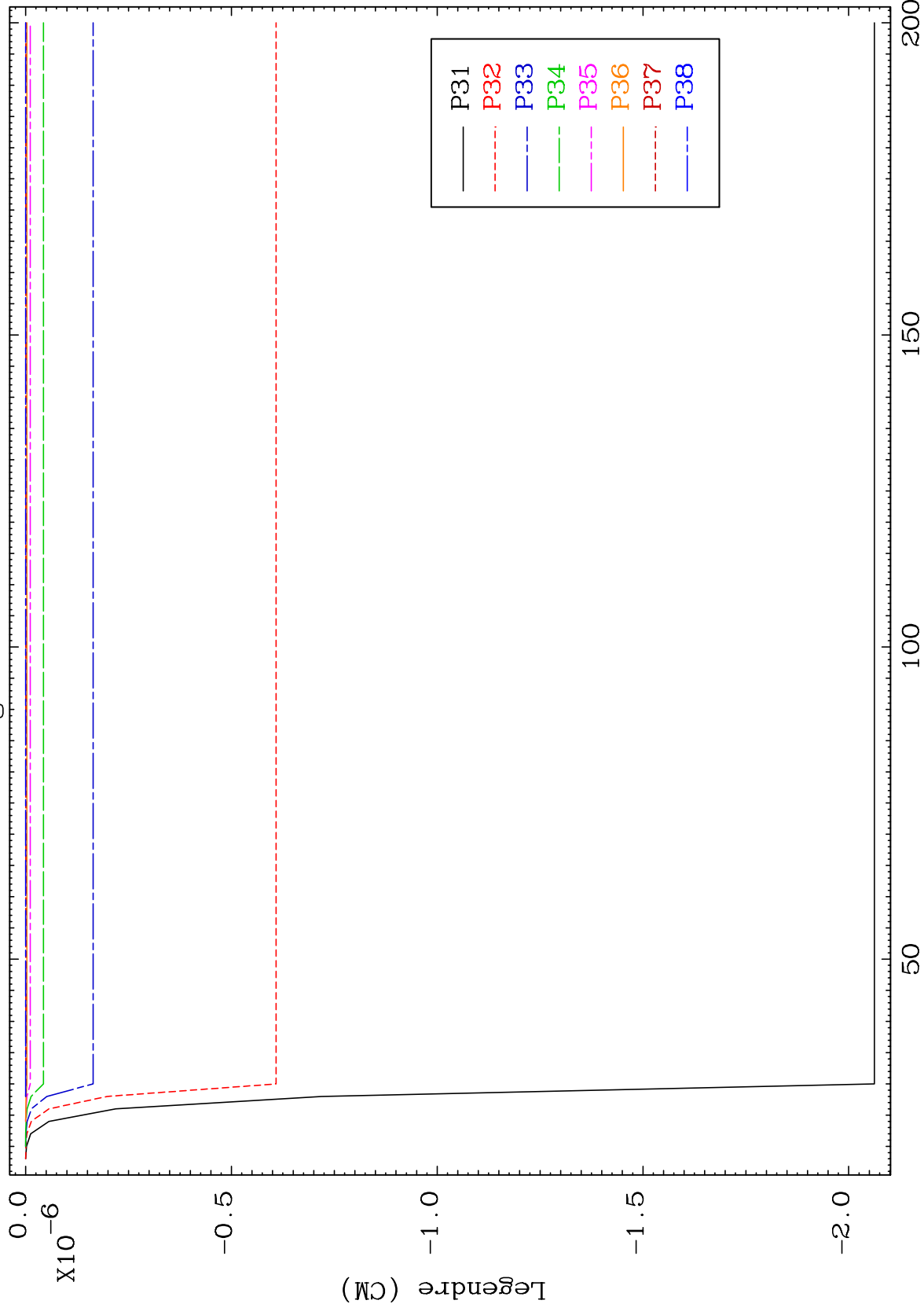




MAT 7819

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

78-Pt-188



96

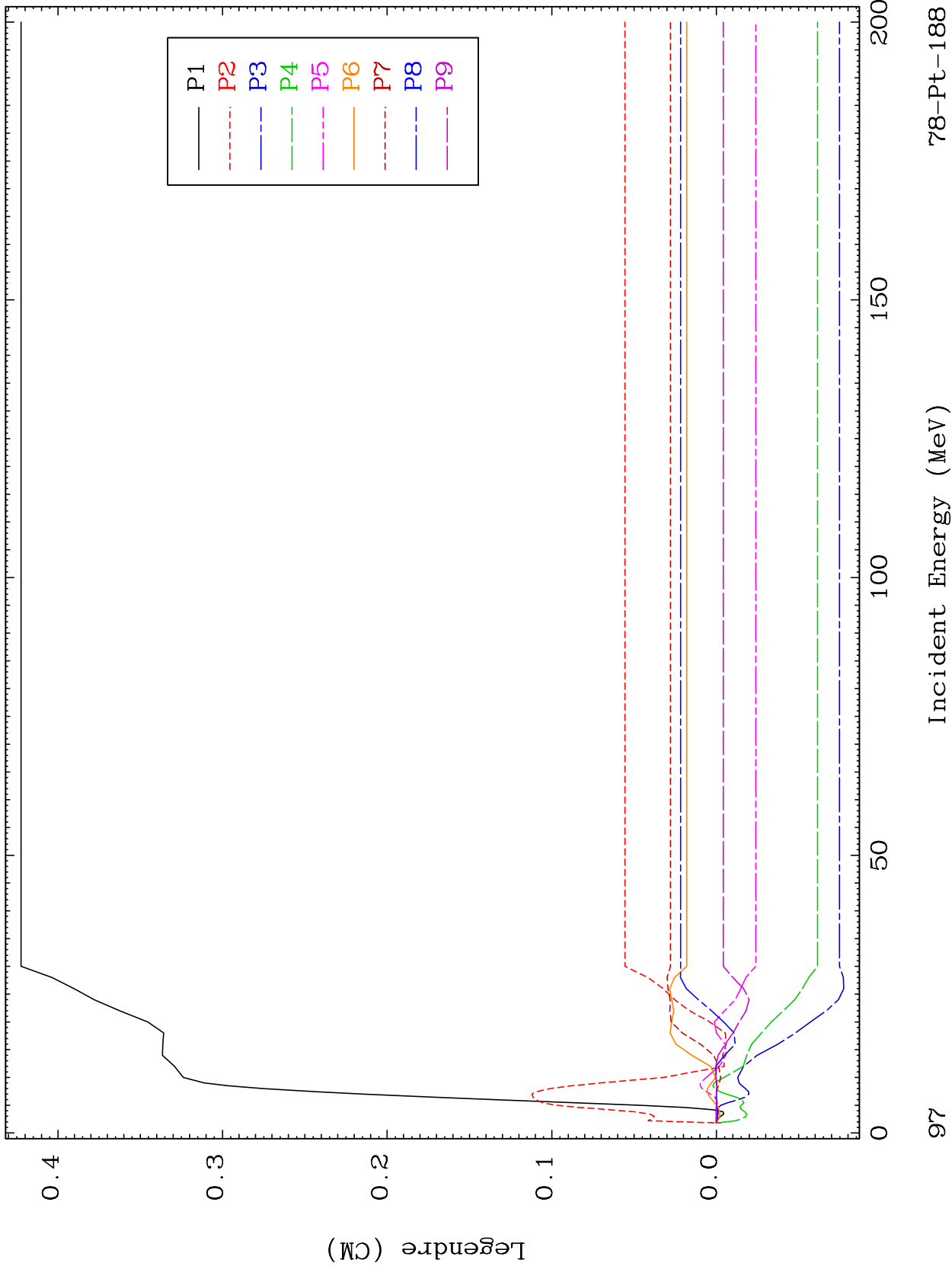
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



78-Pt-188

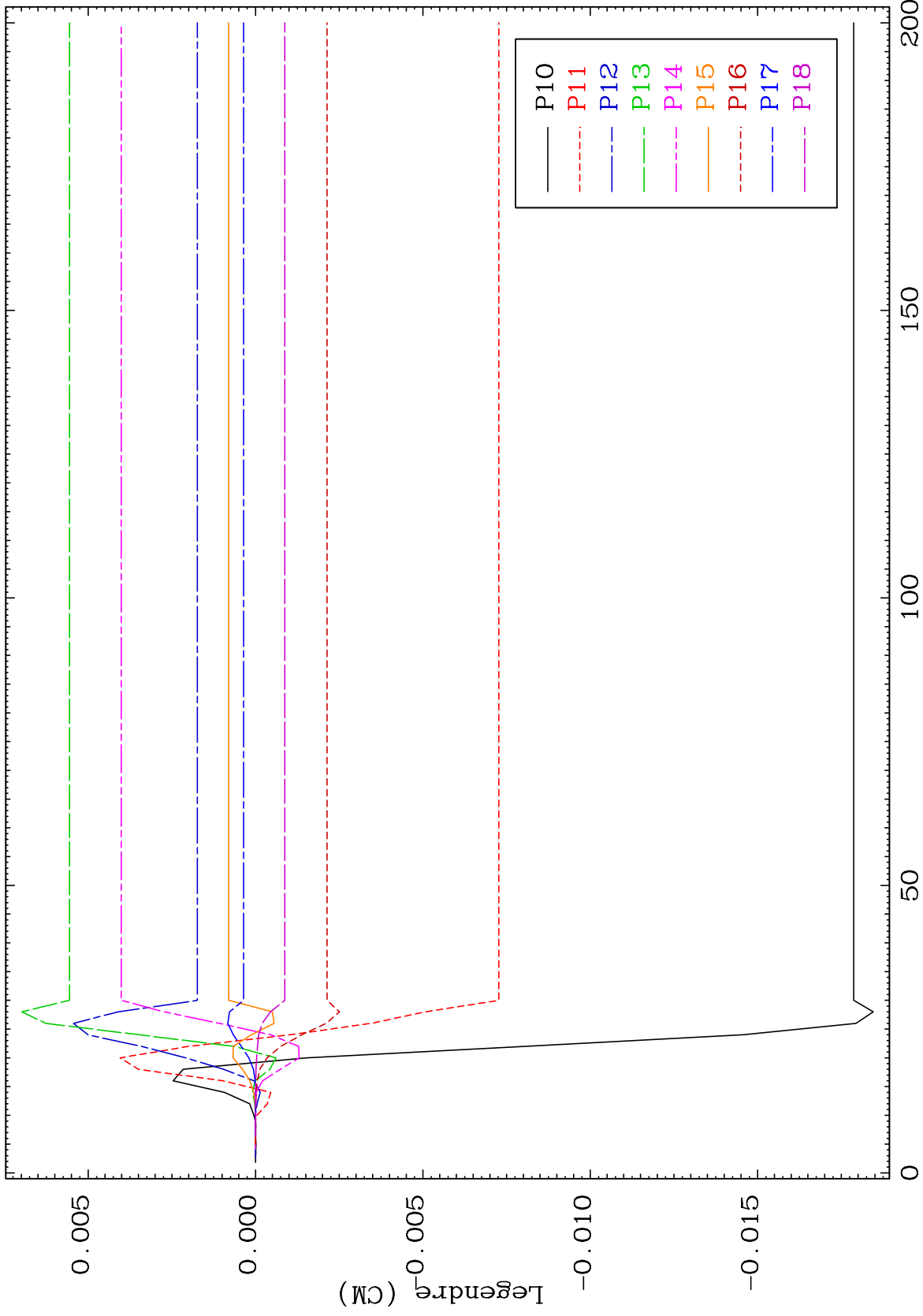
Incident Energy (MeV)

97

MAT 7819

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

78-Pt-188



98

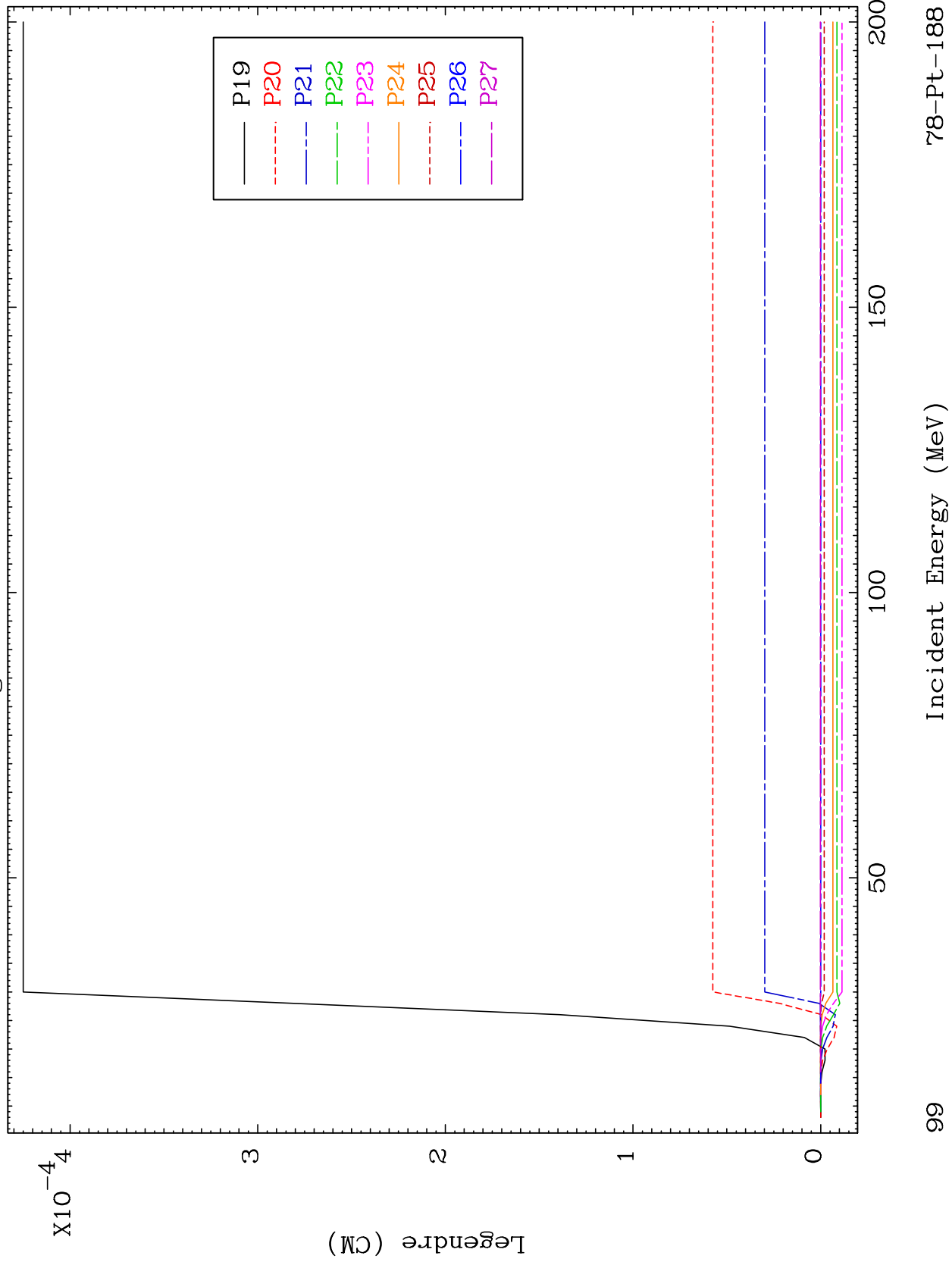
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

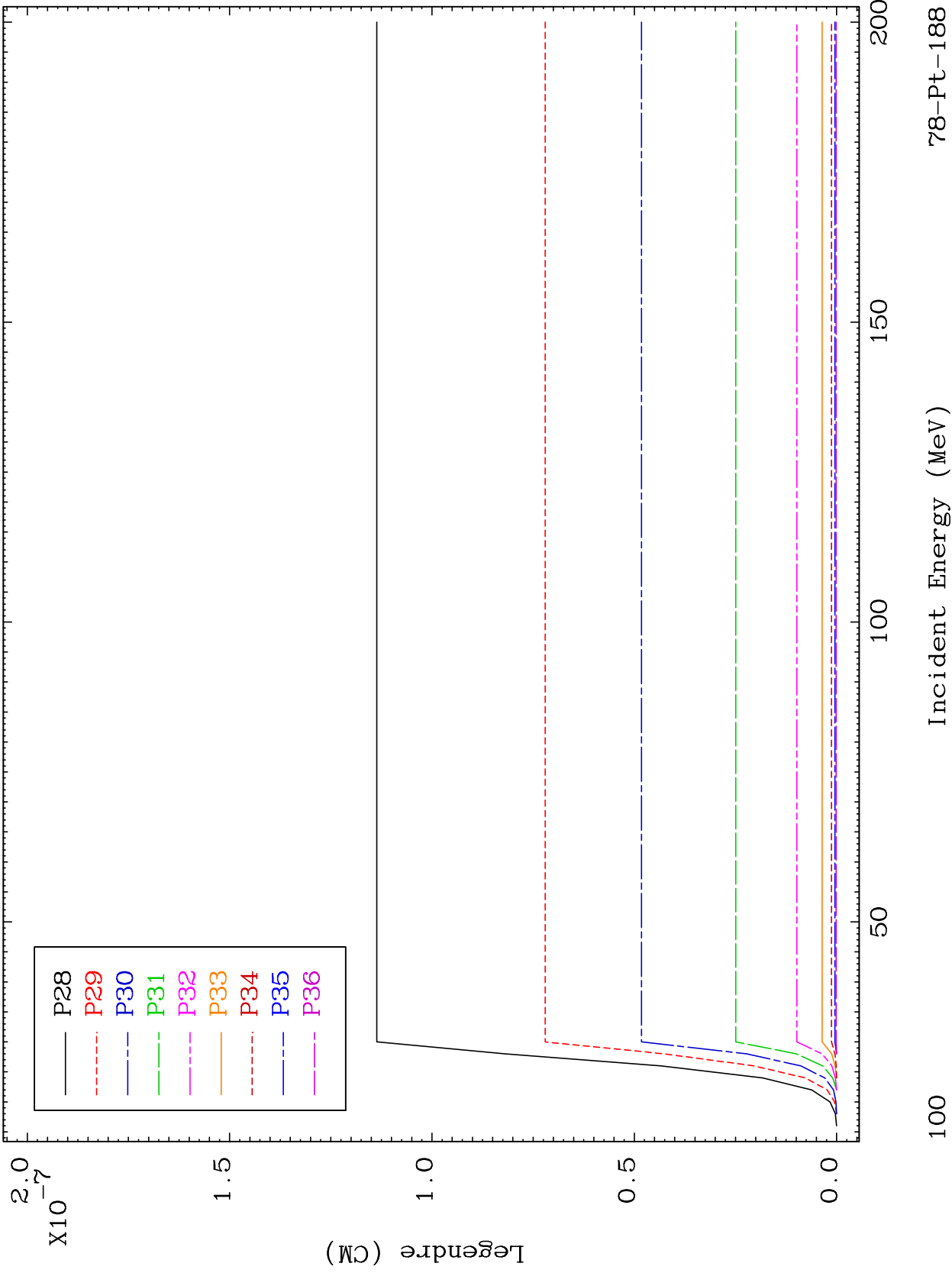
78-Pt-188

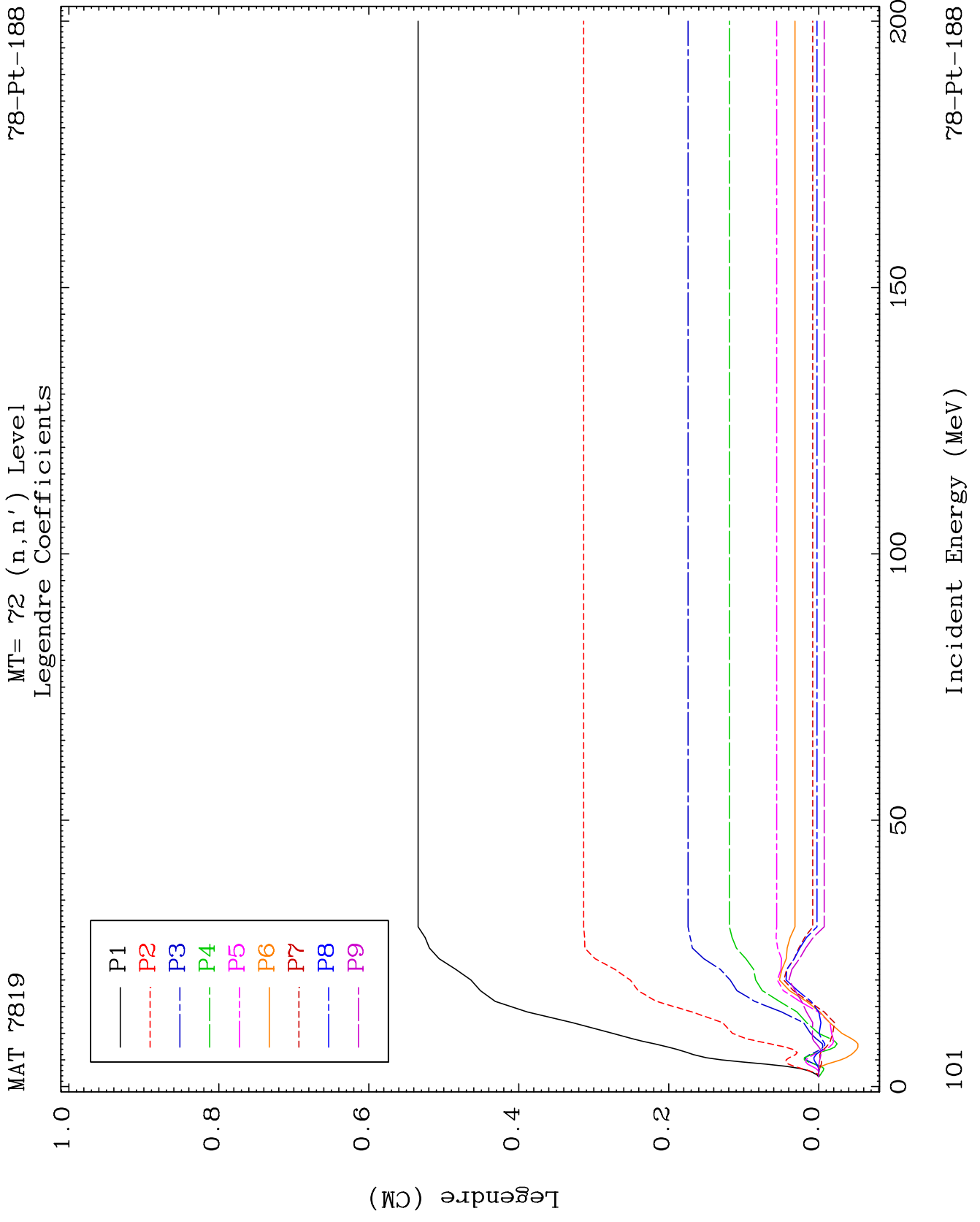


MAT 7819

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

78-Pt-188

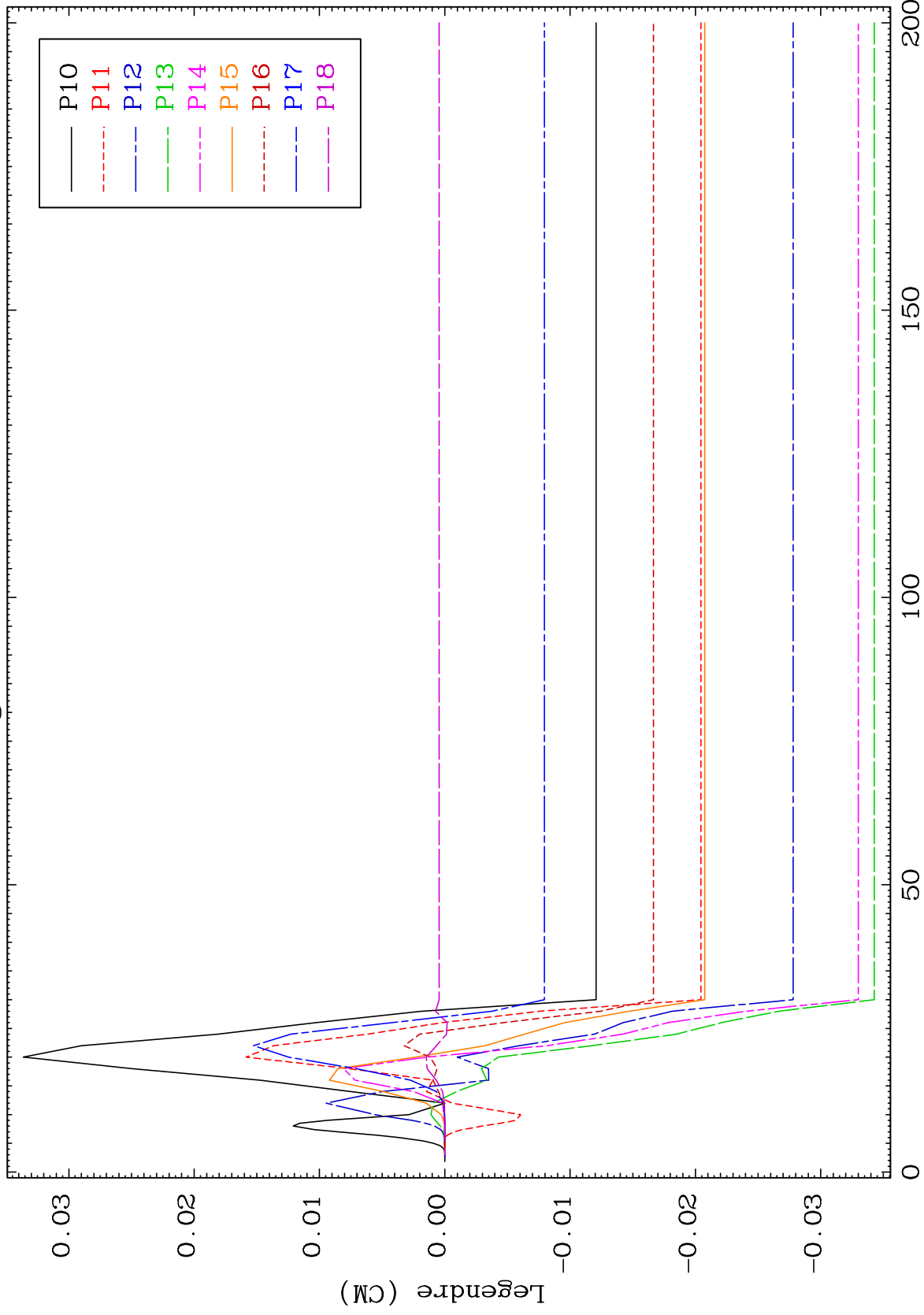




MAT 7819

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

78-Pt-188



102

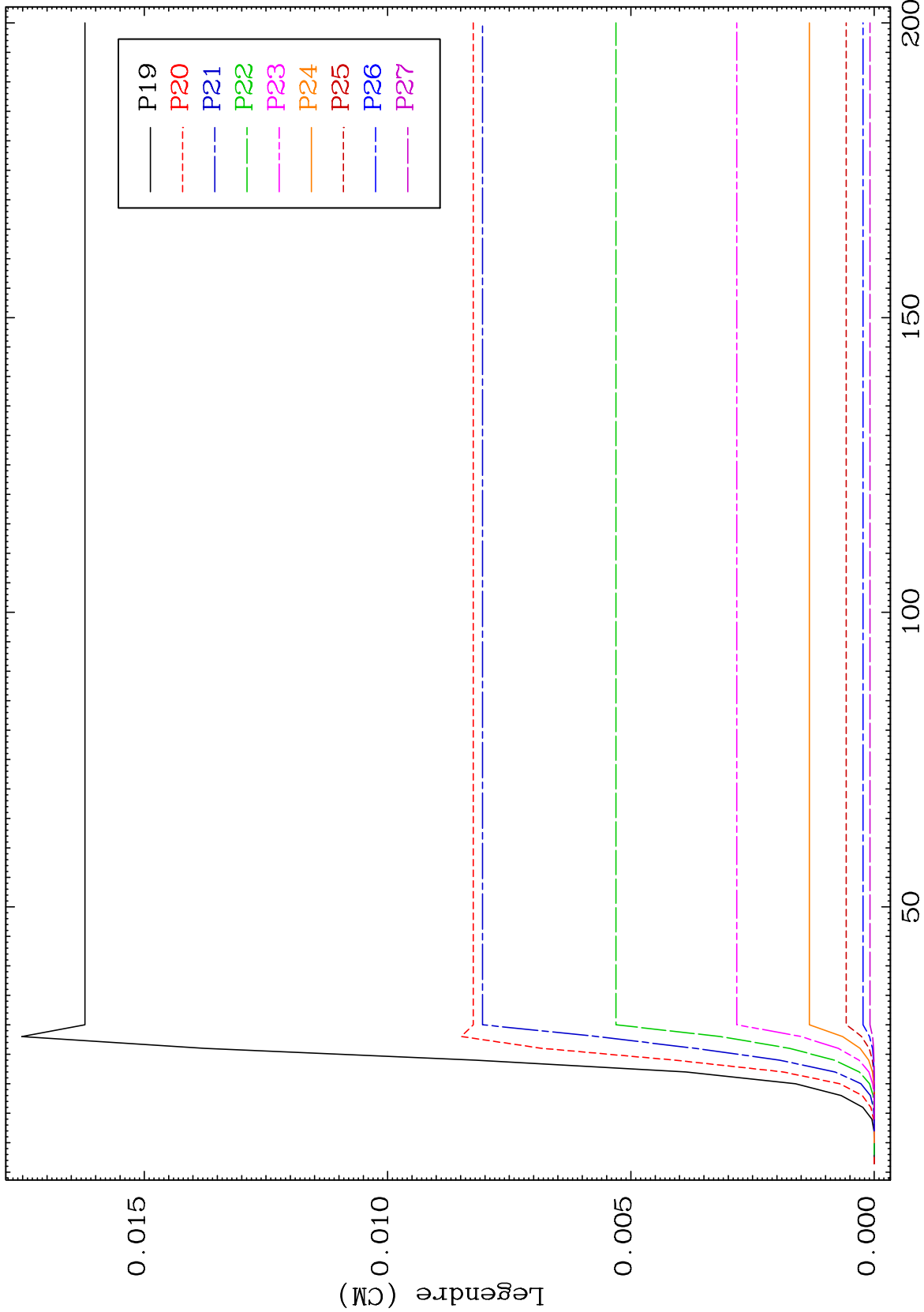
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

78-Pt-188



103

Incident Energy (MeV)

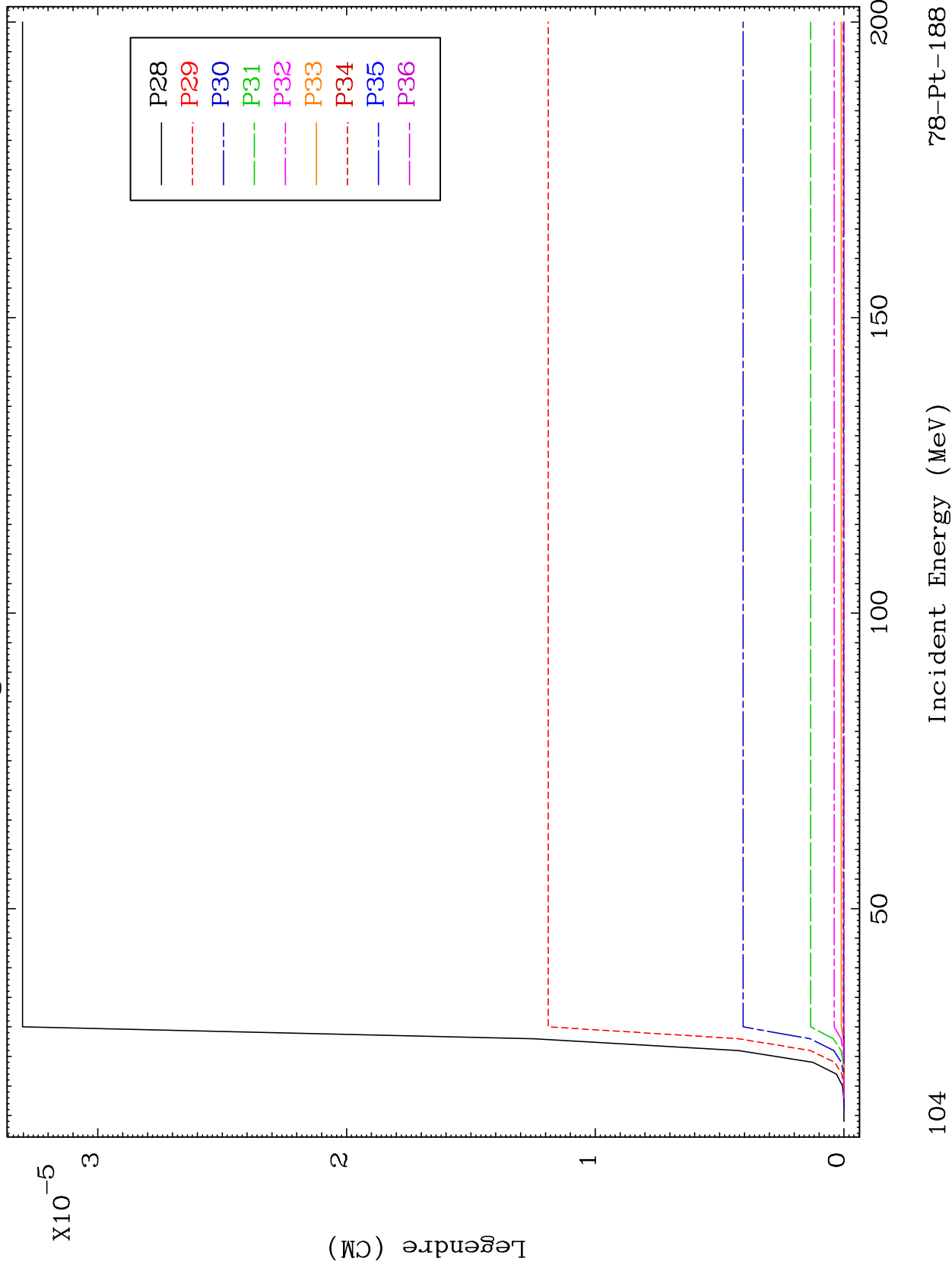
78-Pt-188

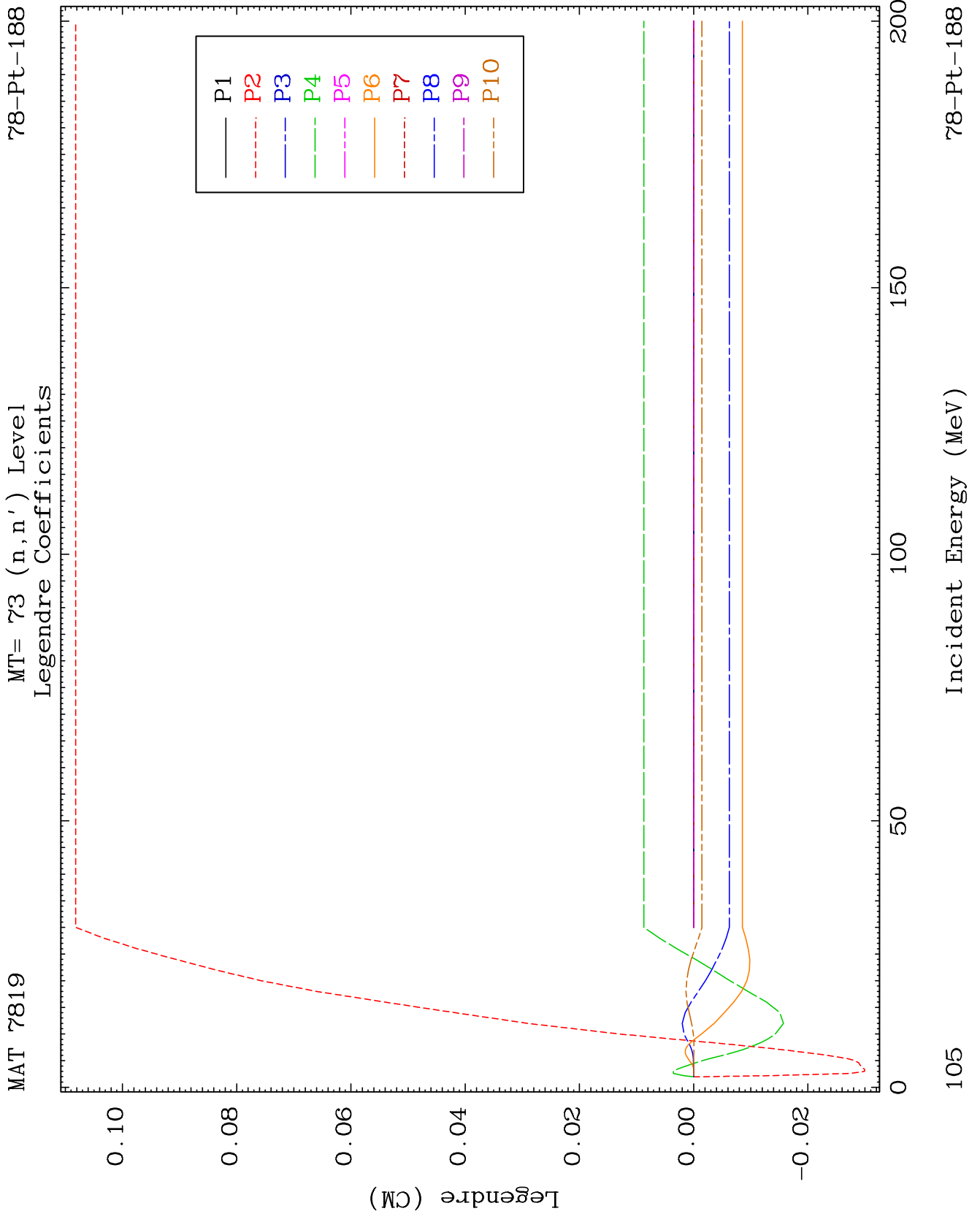


MAT 7819

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

78-Pt-188

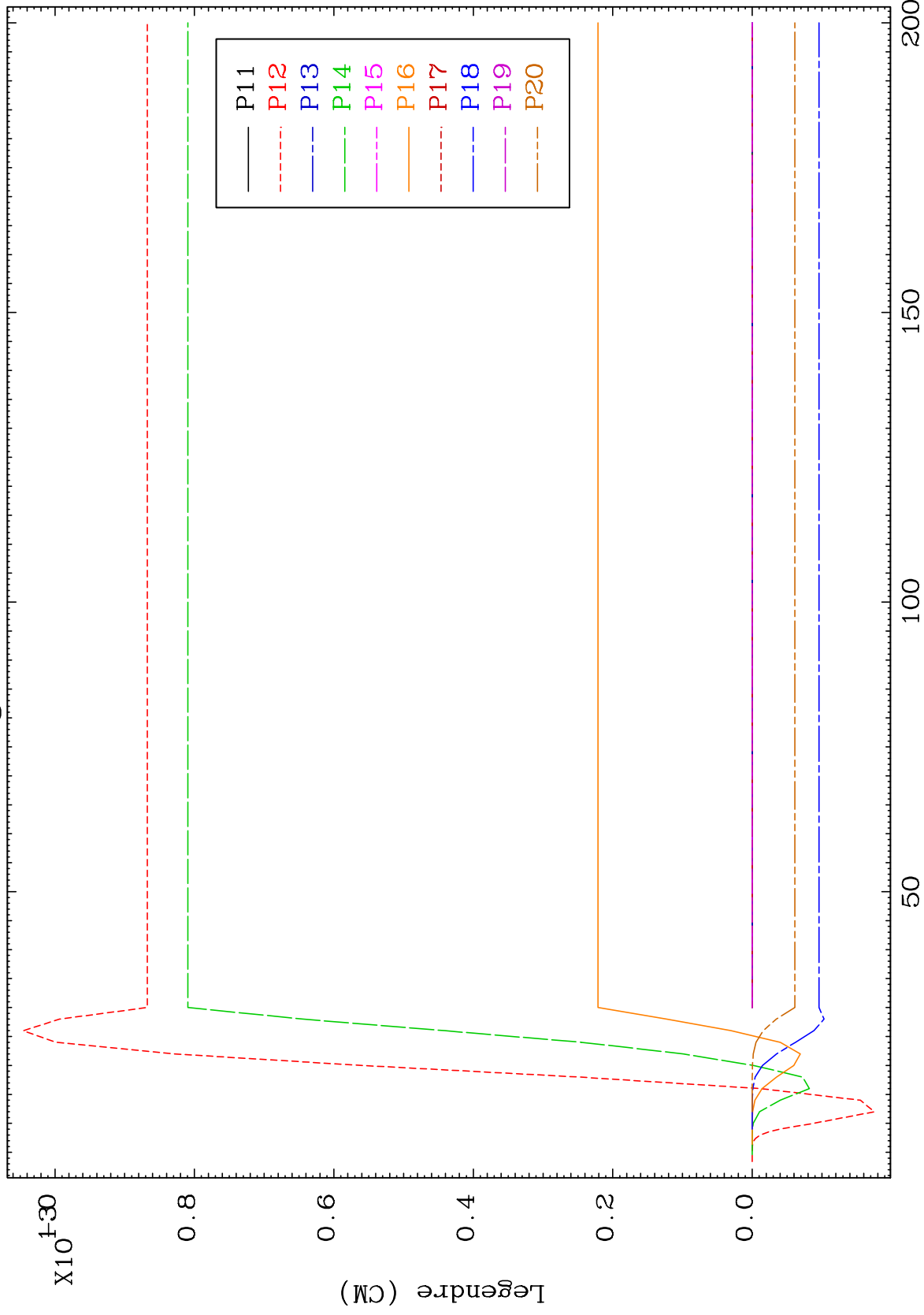




MAT 7819

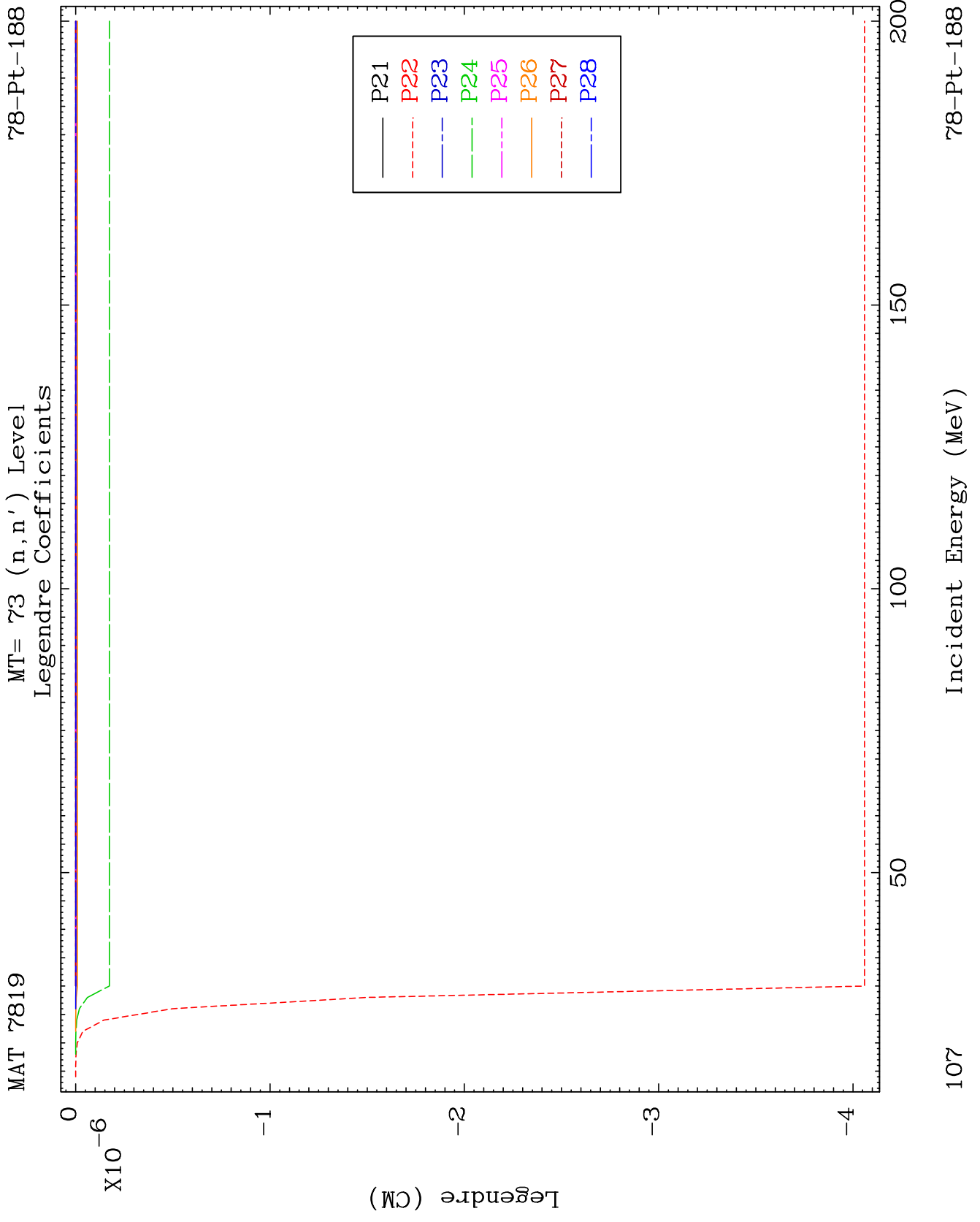
MT= 73 (n,n') Level  
Legendre Coefficients

78-Pt-188



106

78-Pt-188

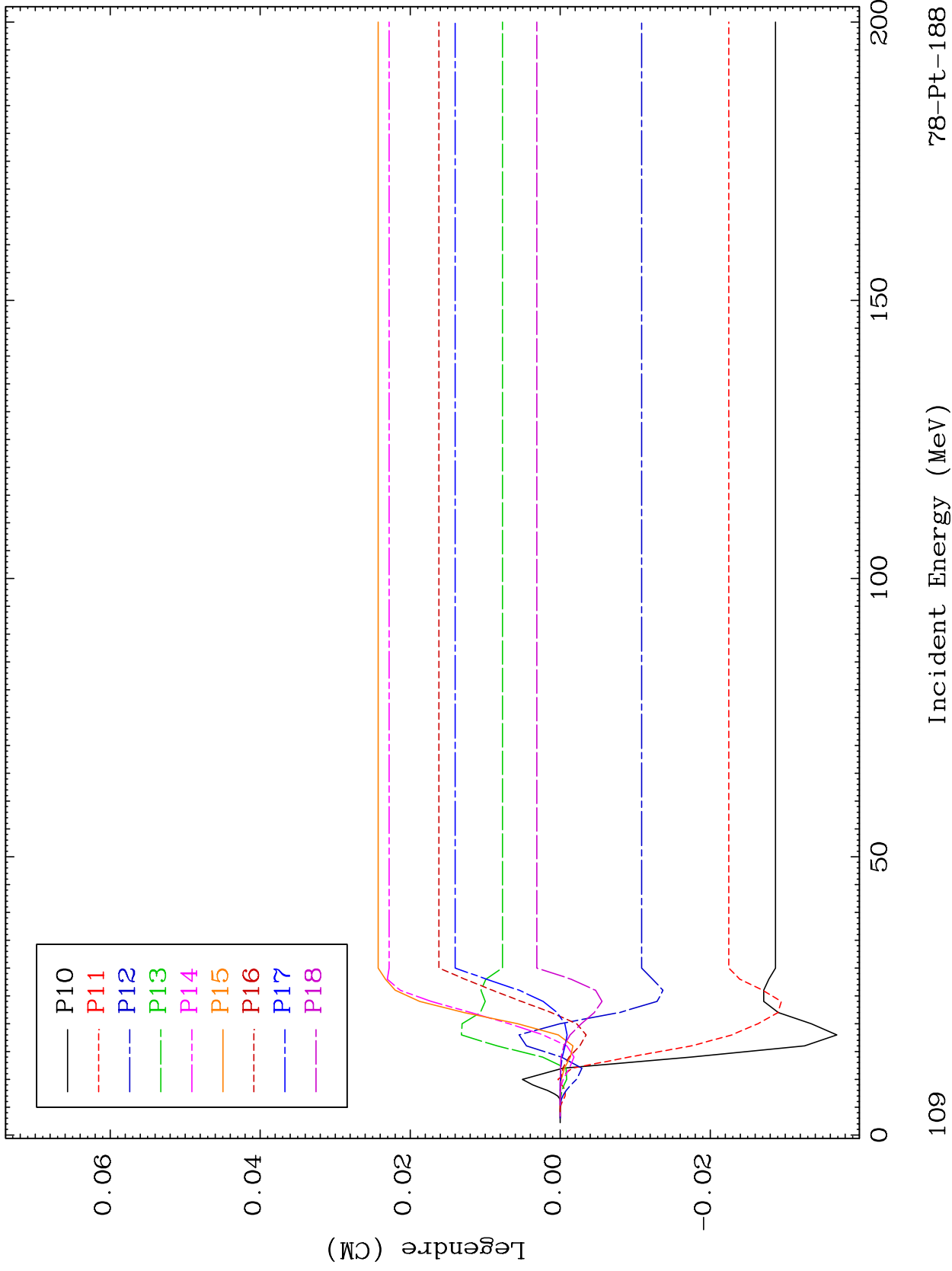




MAT 7819

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

78-Pt-188

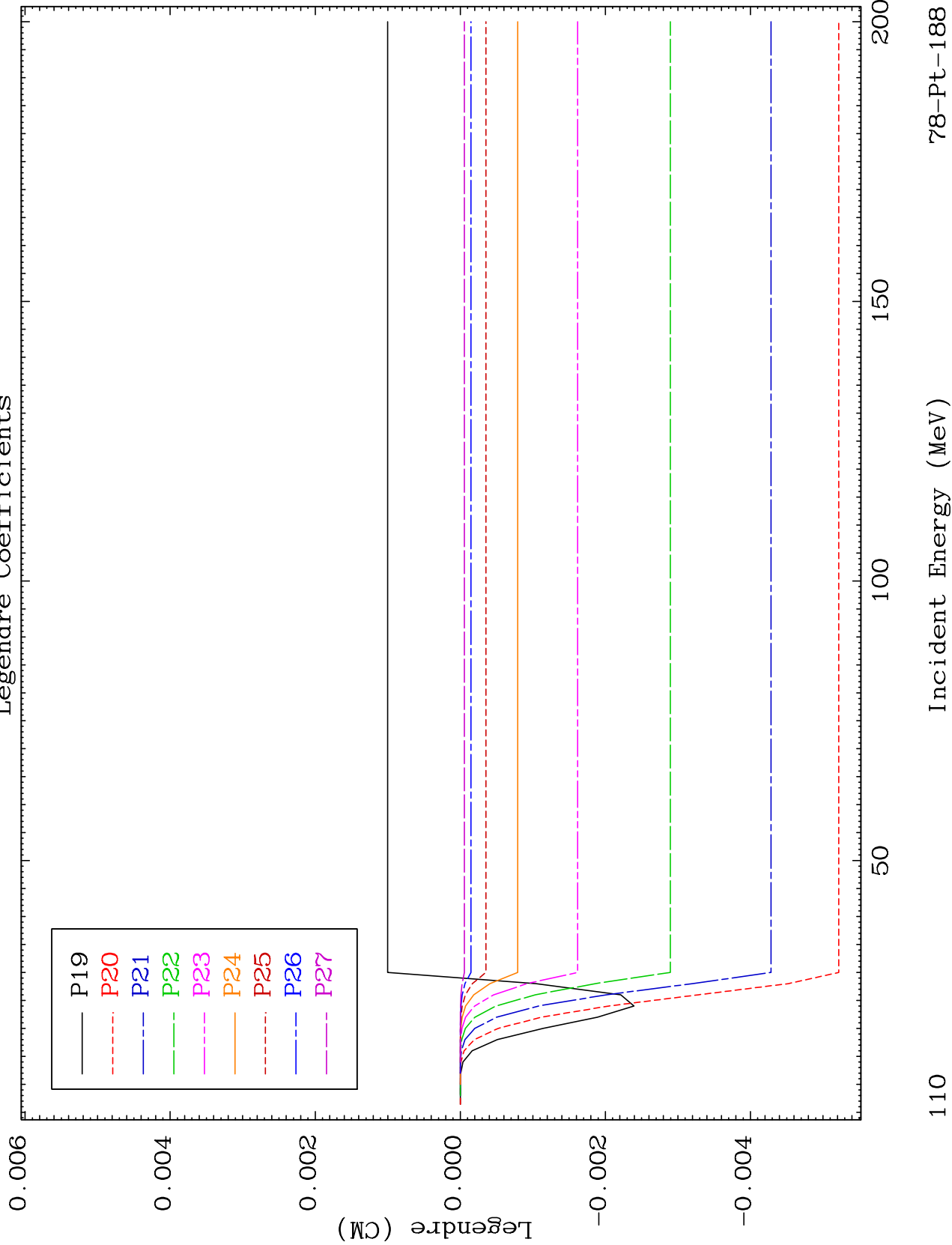


109

MAT 7819

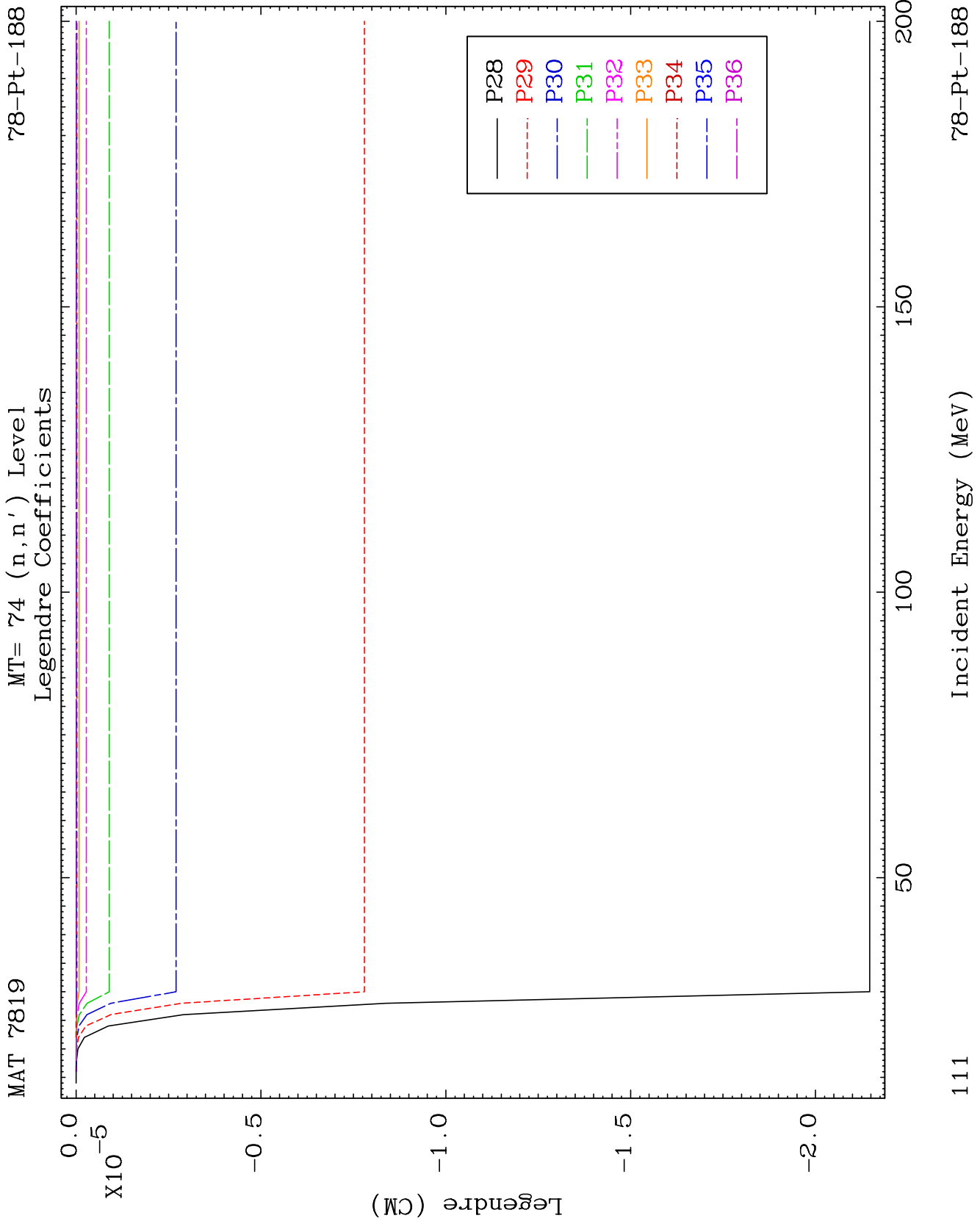
MT= 74 (n,n') Level  
Legendre Coefficients

78-Pt-188



110

78-Pt-188

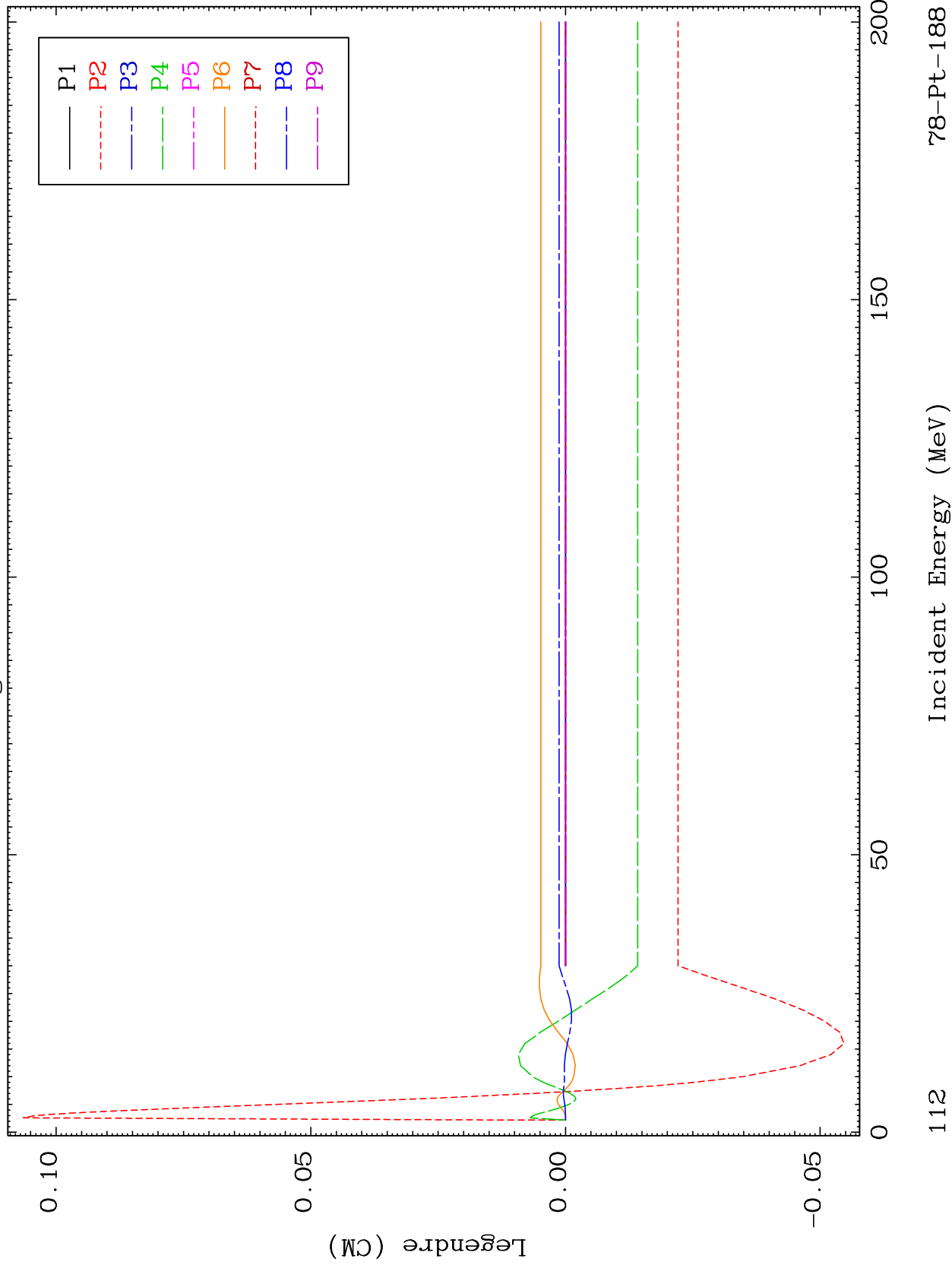




MAT 7819

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

78-Pt-188



78-Pt-188

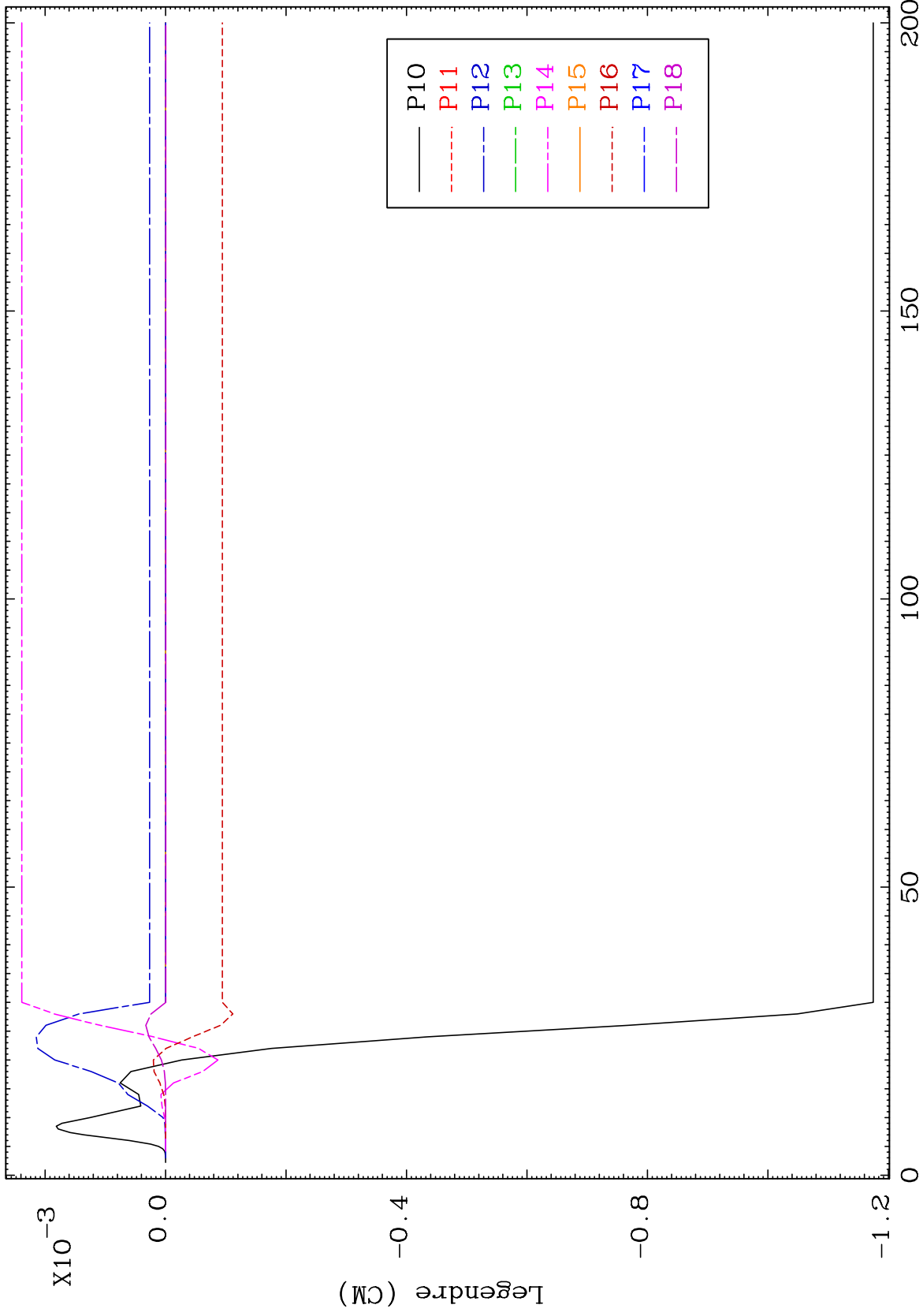
Incident Energy (MeV)

112

MAT 7819

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

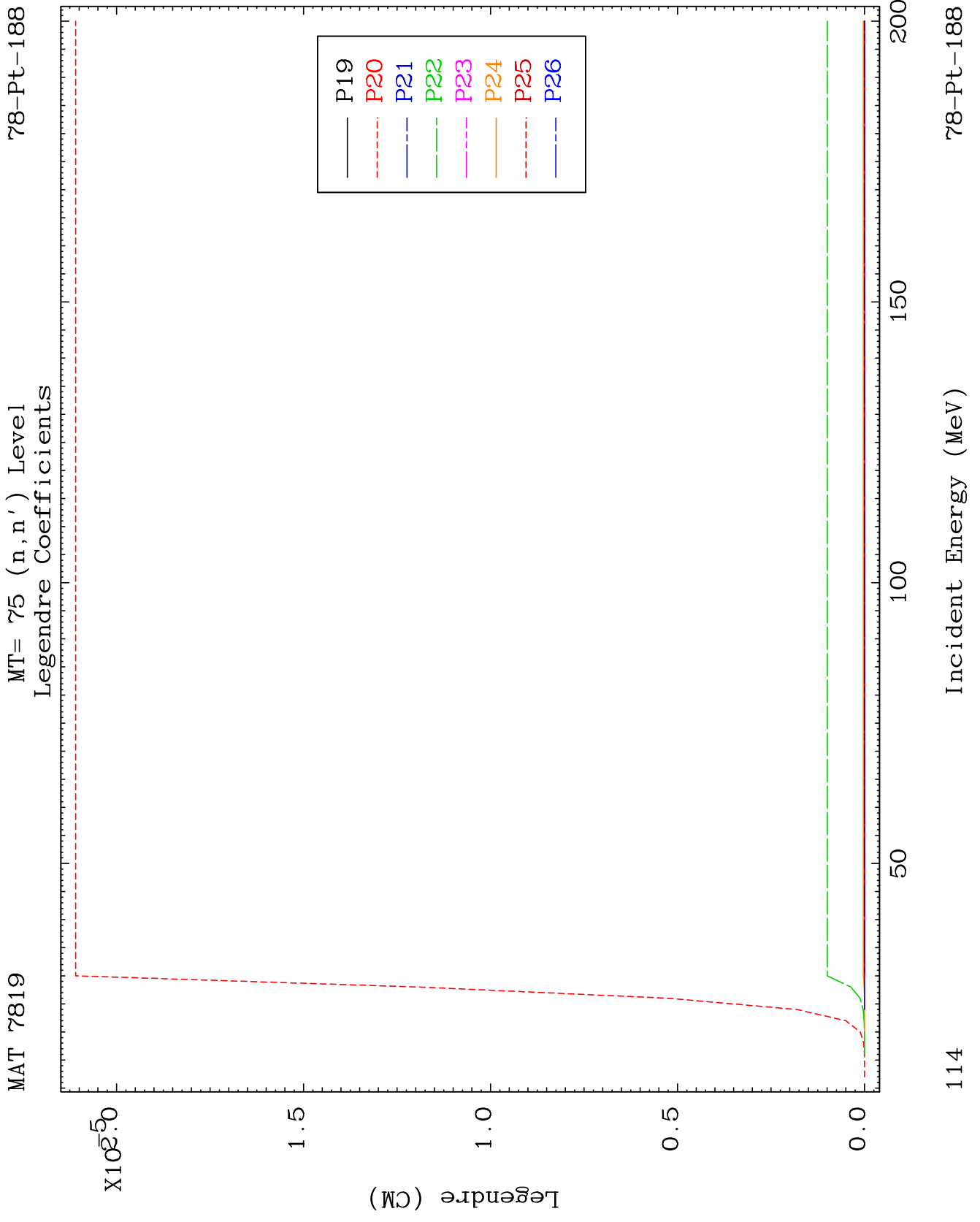
78-Pt-188



113

Incident Energy (MeV)

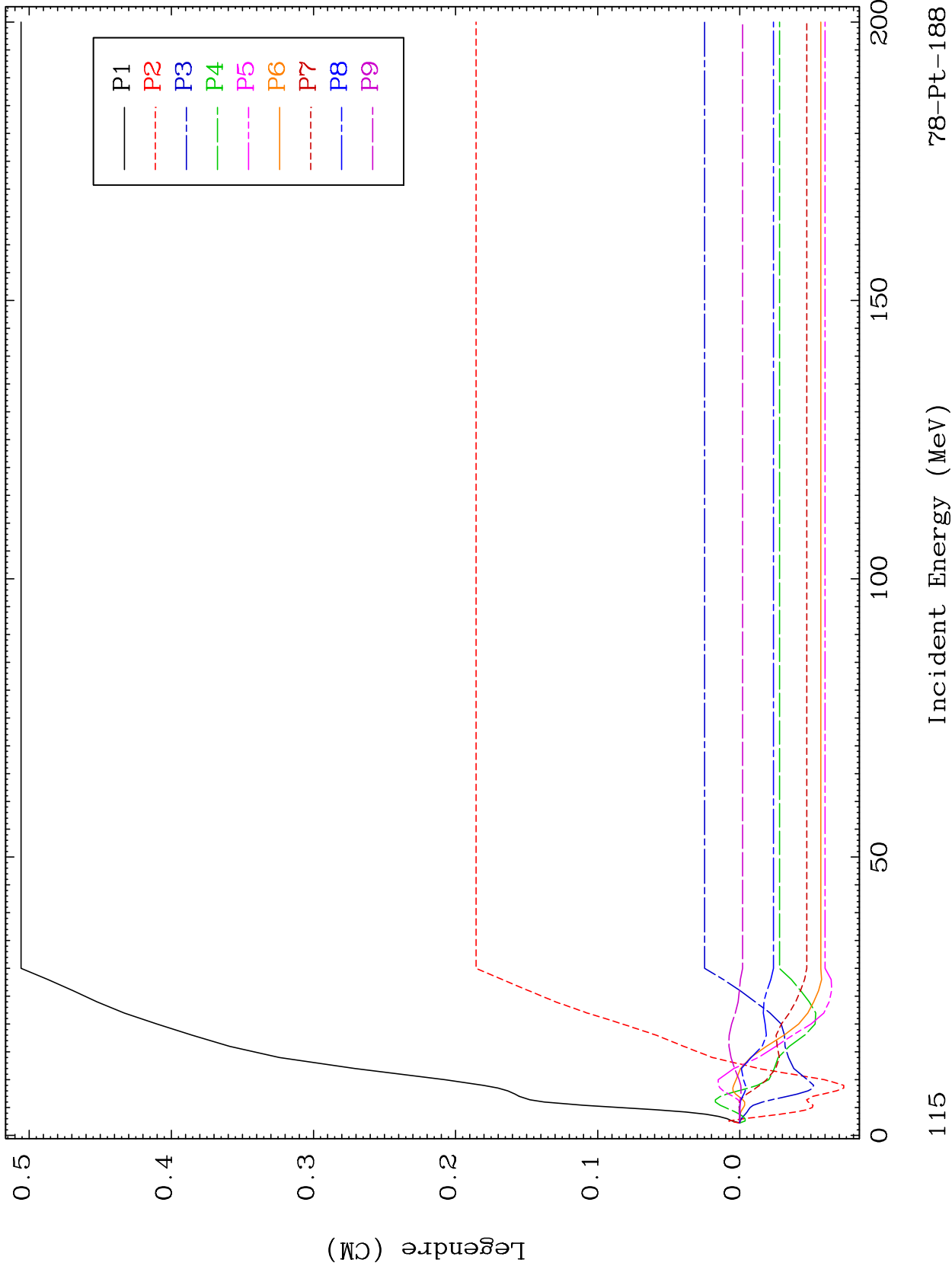
78-Pt-188



MAT 7819

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

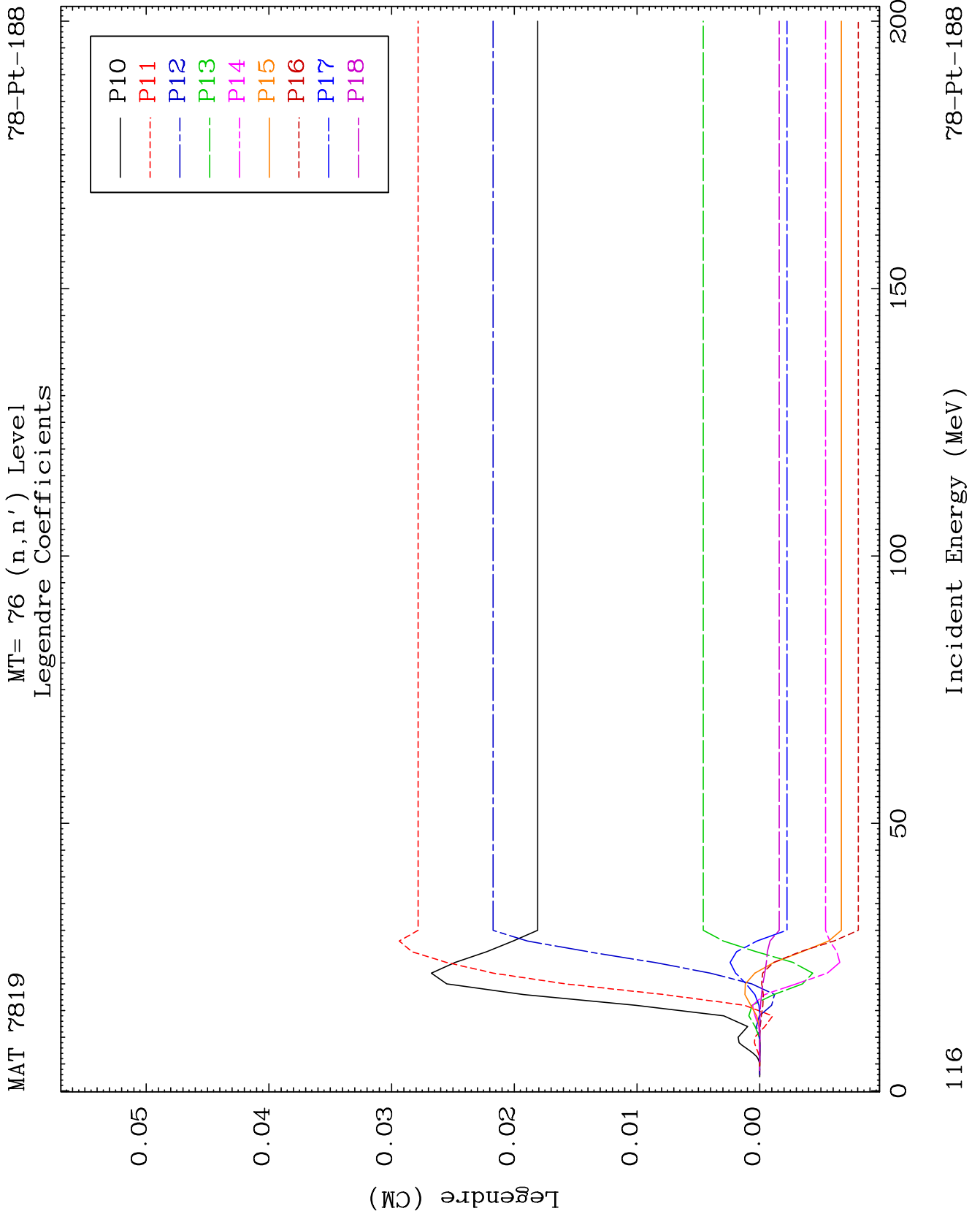
78-Pt-188



78-Pt-188

Incident Energy (MeV)

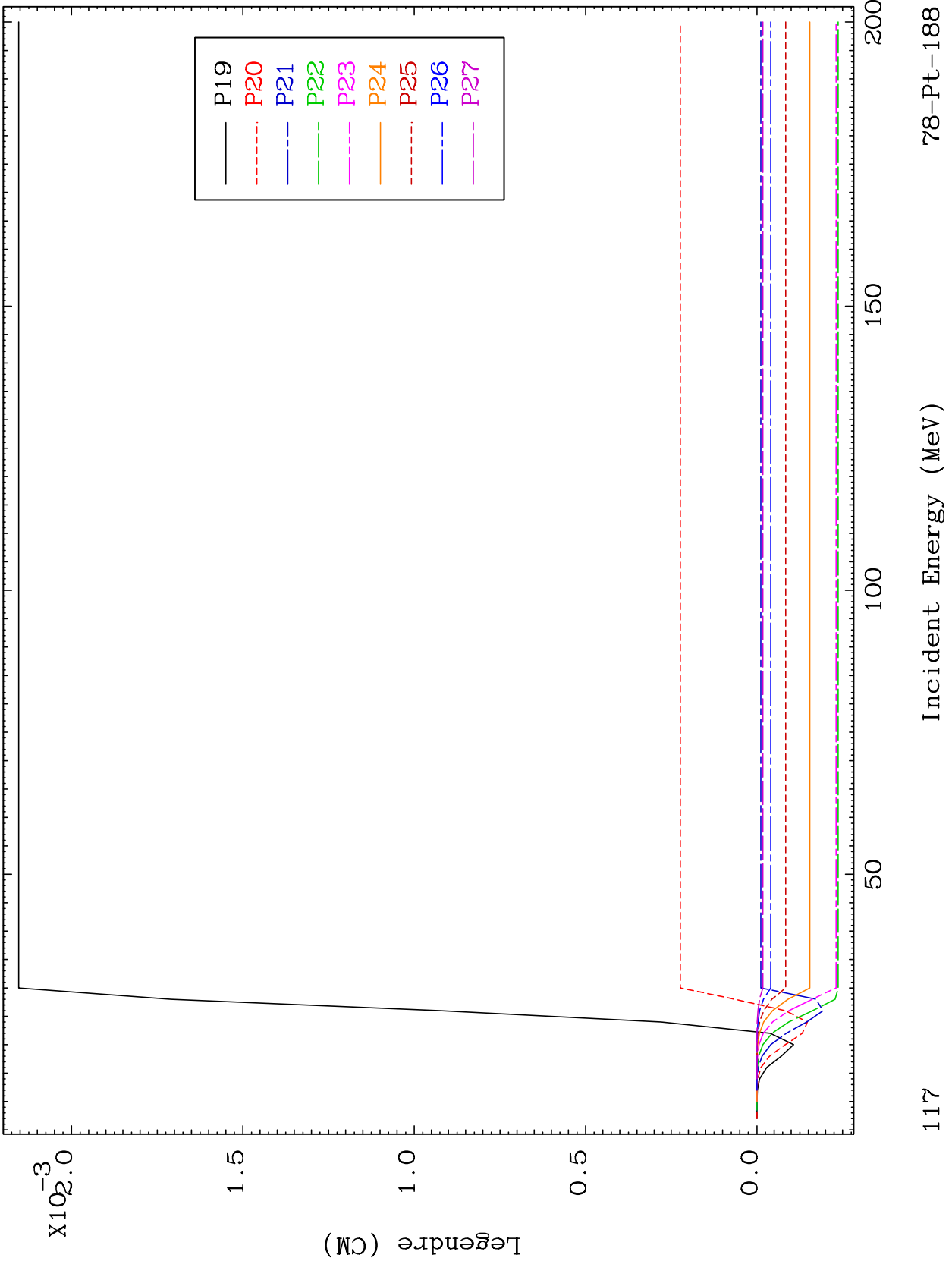
115



MAT 7819

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

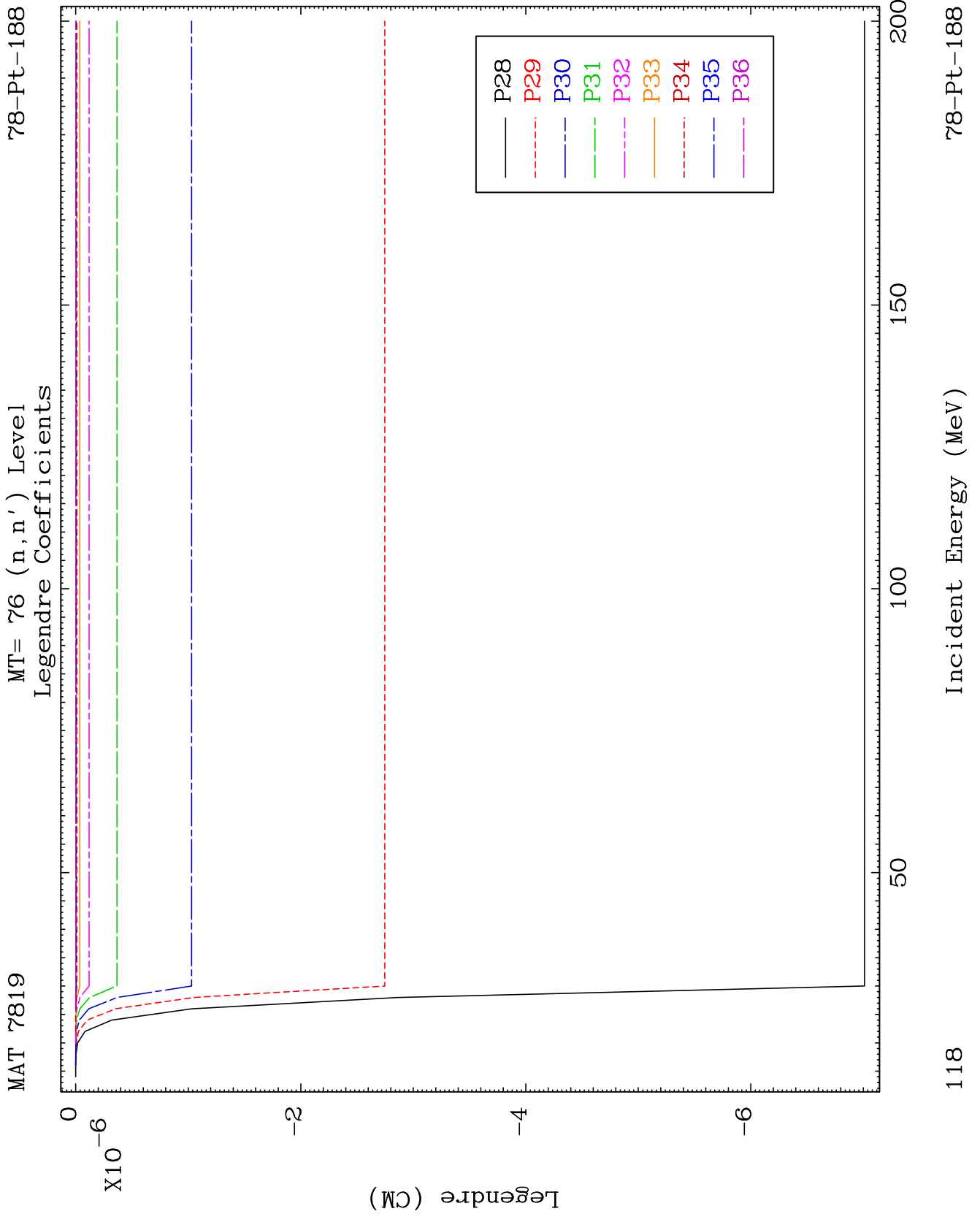
78-Pt-188



117

Incident Energy (MeV)

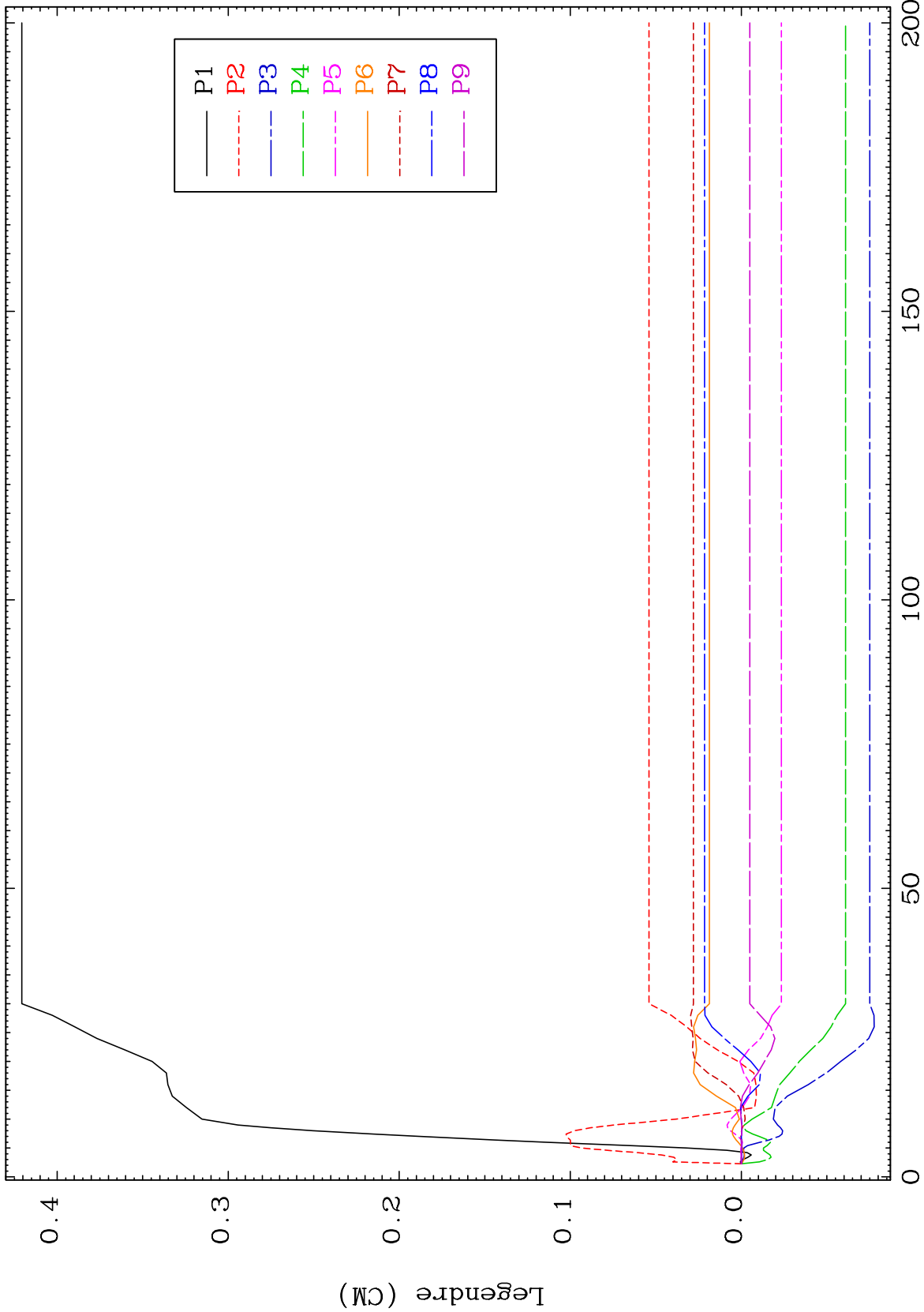
78-Pt-188



MAT 7819

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

78-Pt-188



119

Incident Energy (MeV)

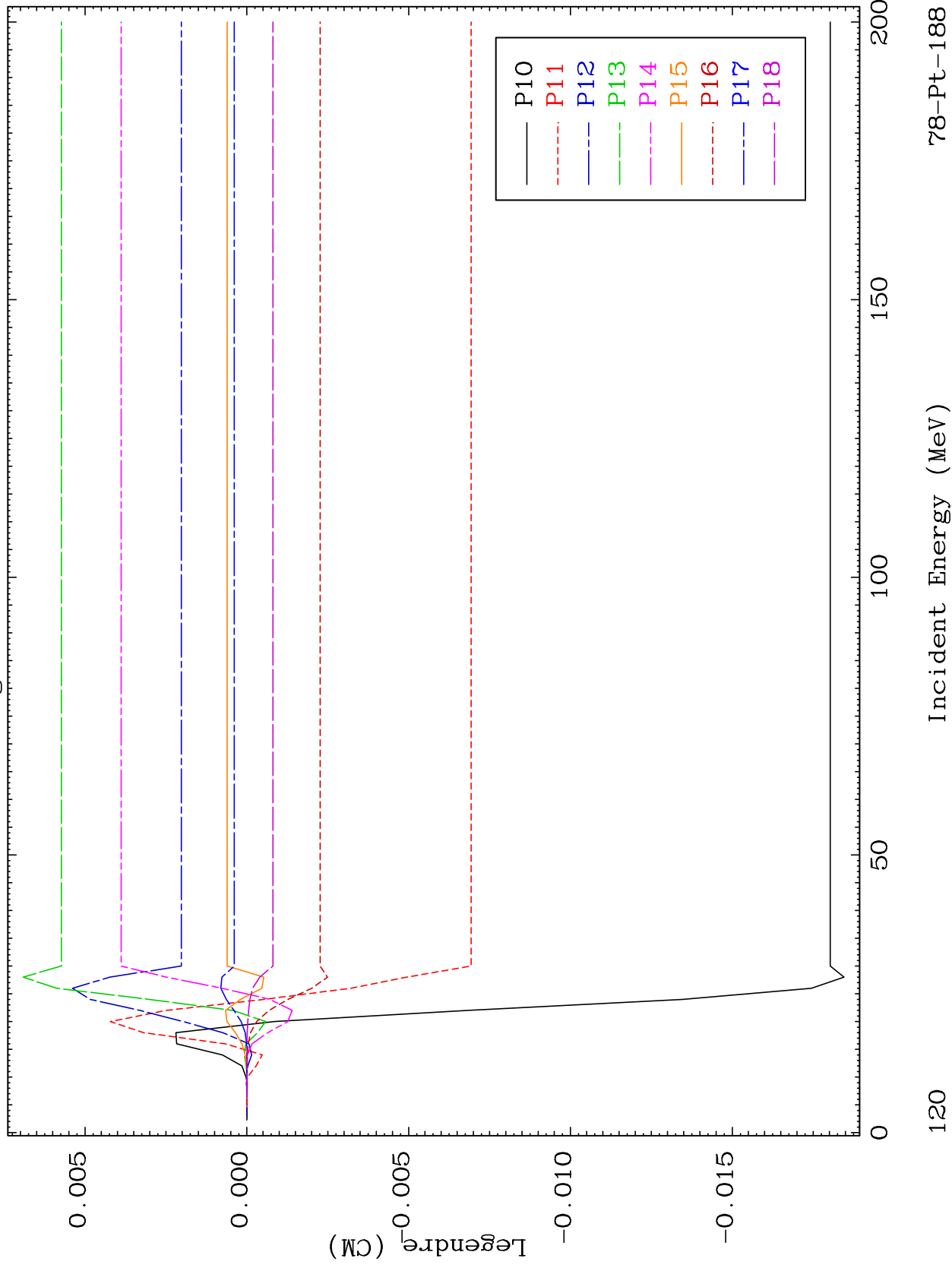
78-Pt-188



MAT 7819

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

78-Pt-188



120

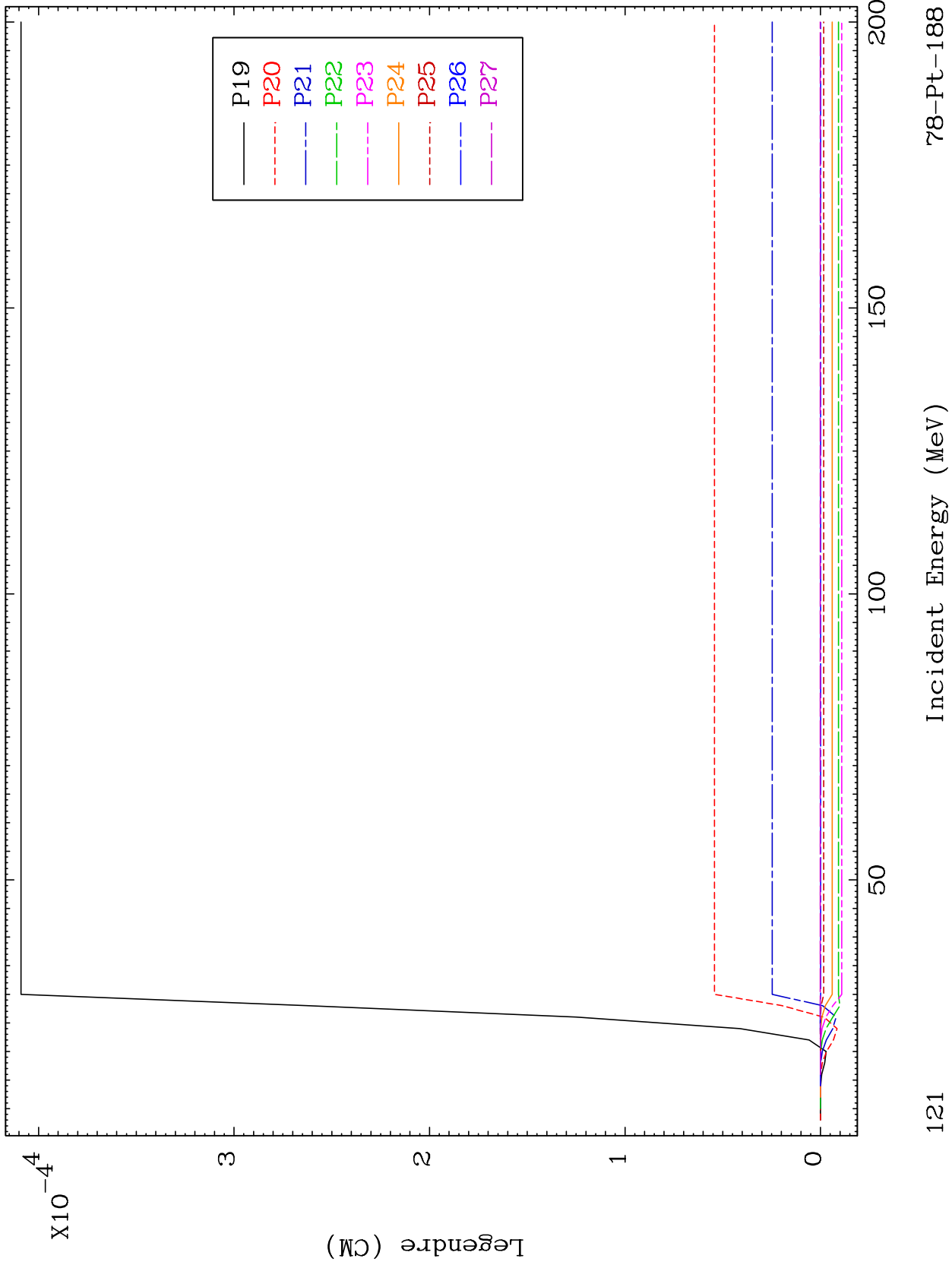
Incident Energy (MeV)

78-Pt-188

MAT 7819

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

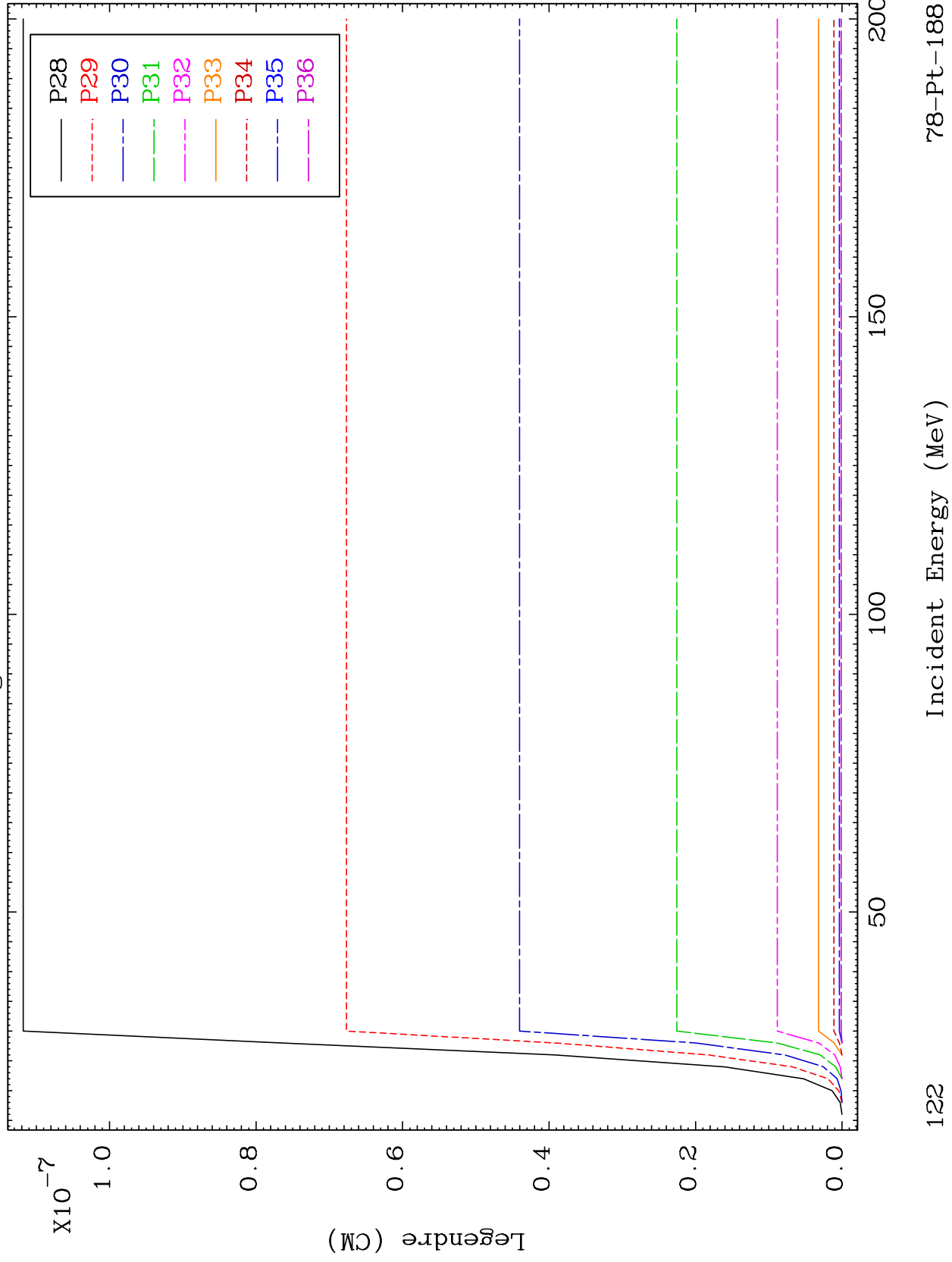
78-Pt-188



MAT 7819

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

78-Pt-188



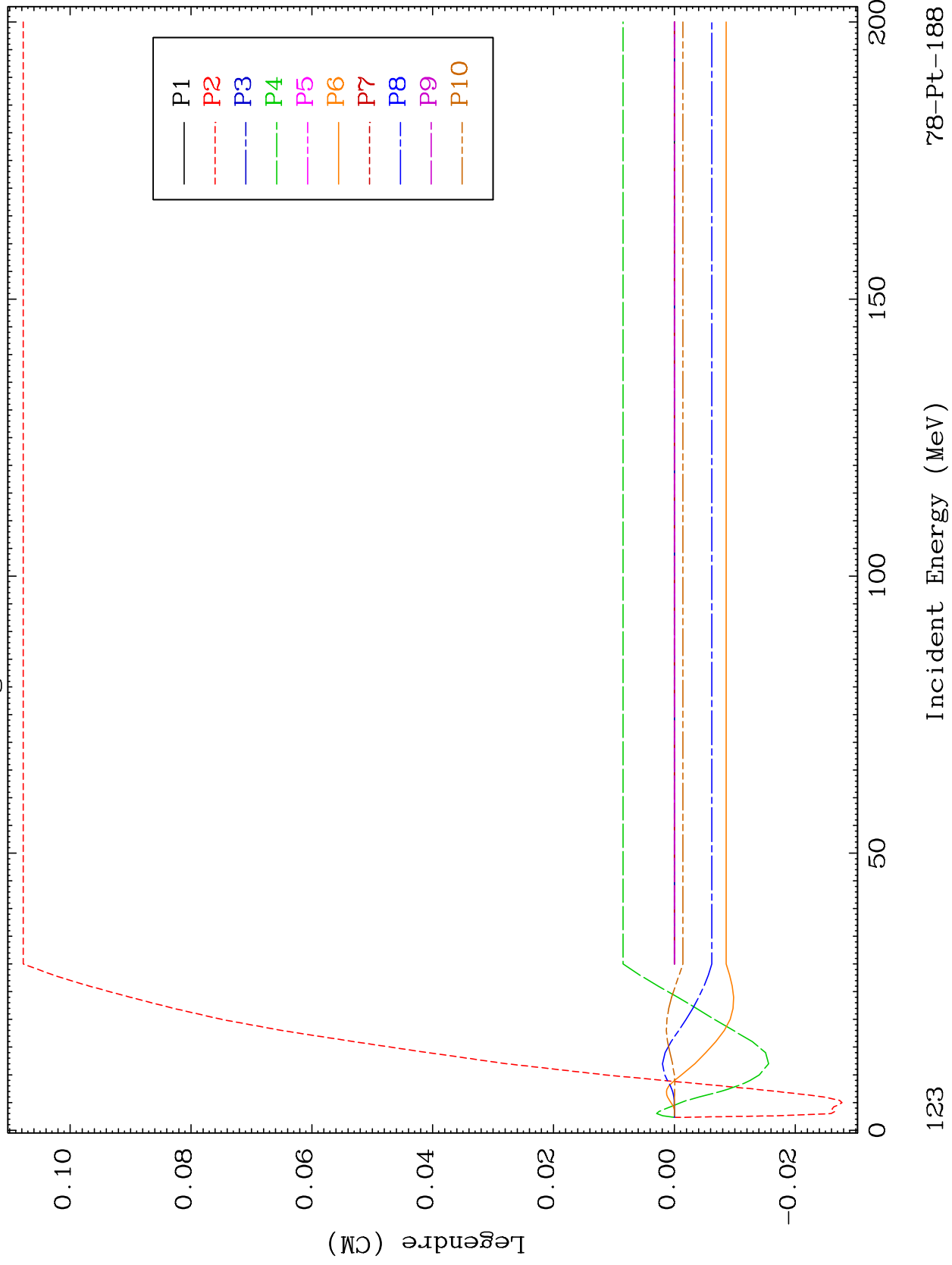
122

78-Pt-188

MAT 7819

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

78-Pt-188

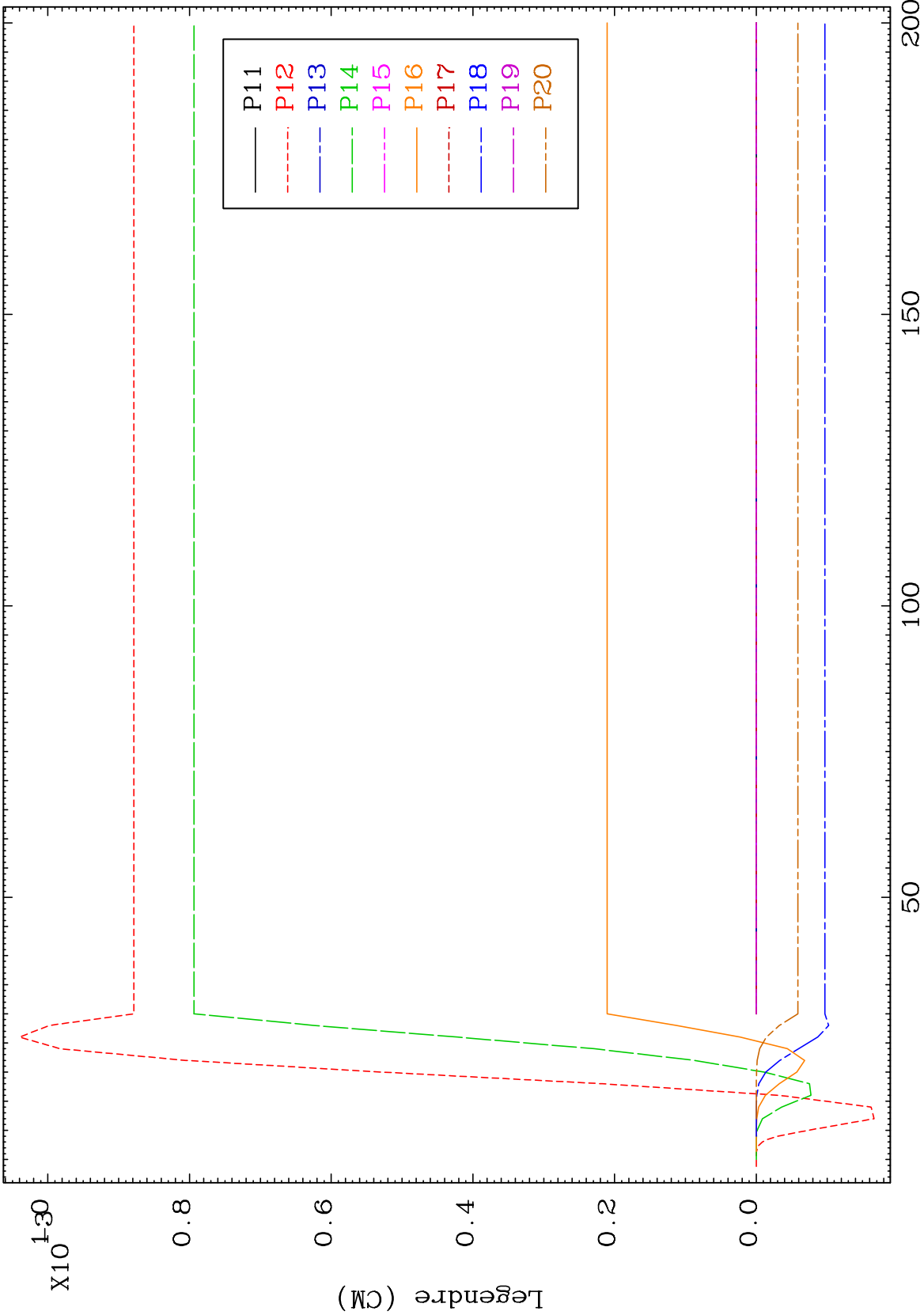


123

MAT 7819

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

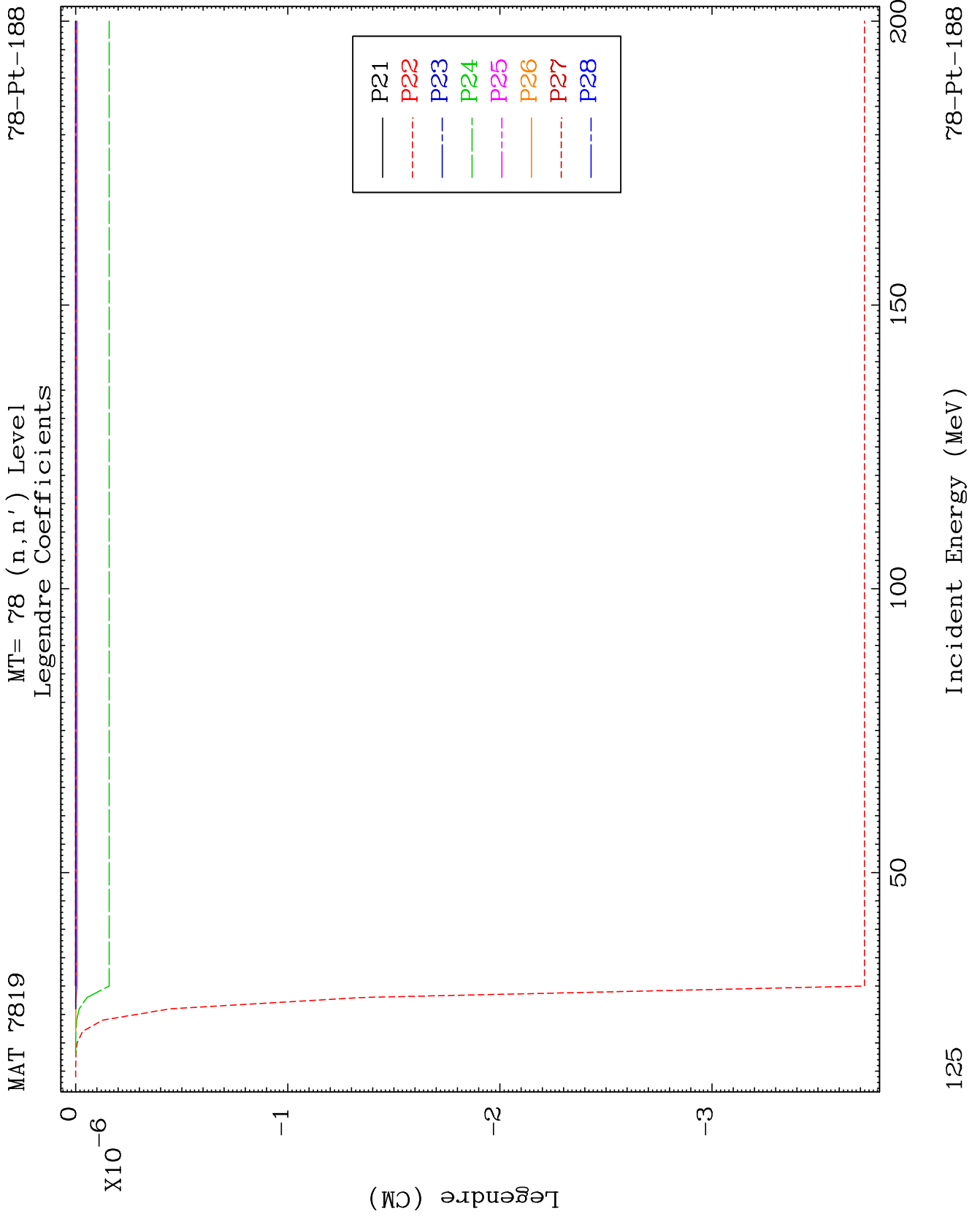
78-Pt-188



124

Incident Energy (MeV)

78-Pt-188

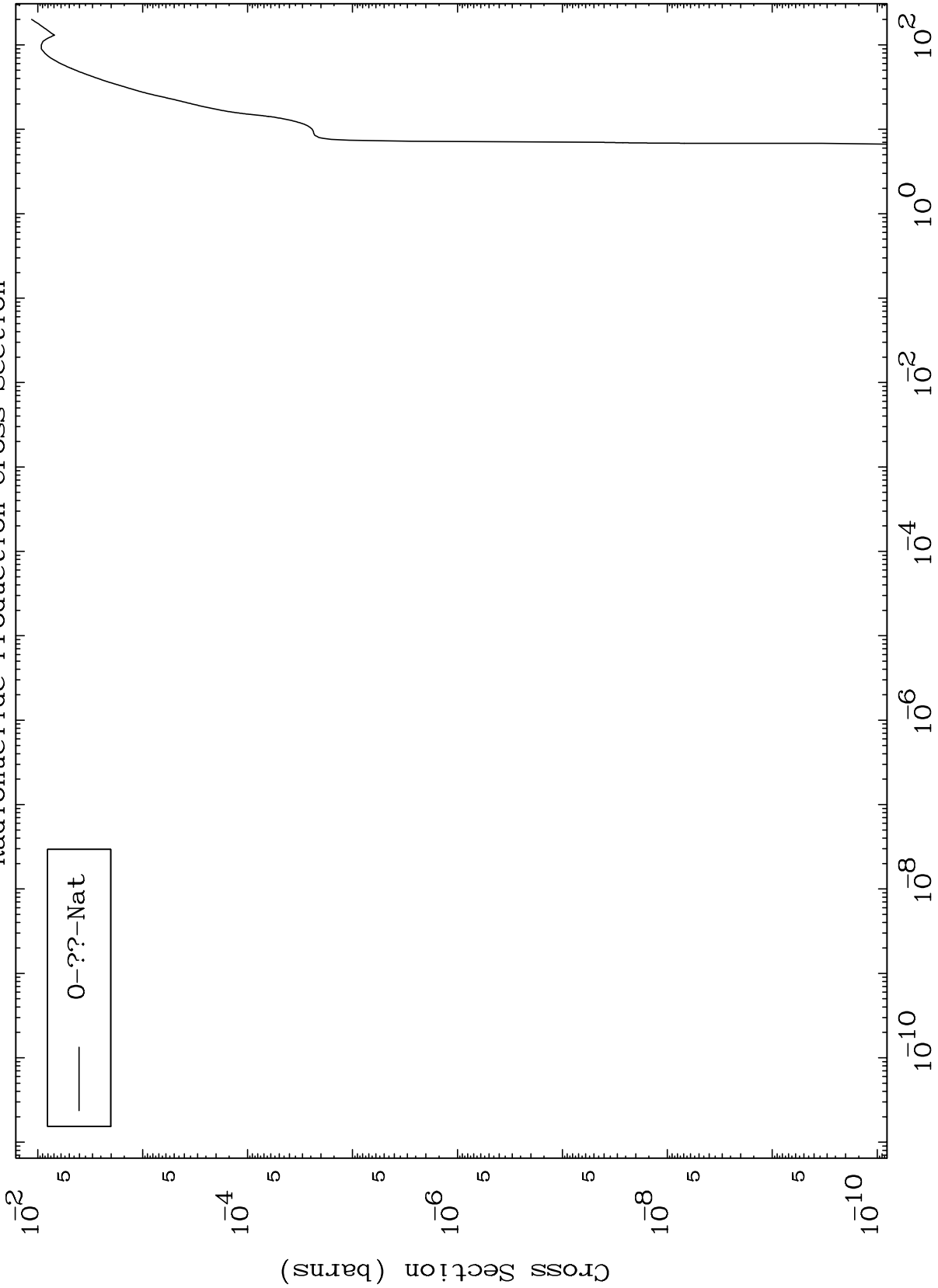


MAT 7819

Fission

78-Pt-188

Radionuclide Production Cross Section



126

Incident Energy (MeV)

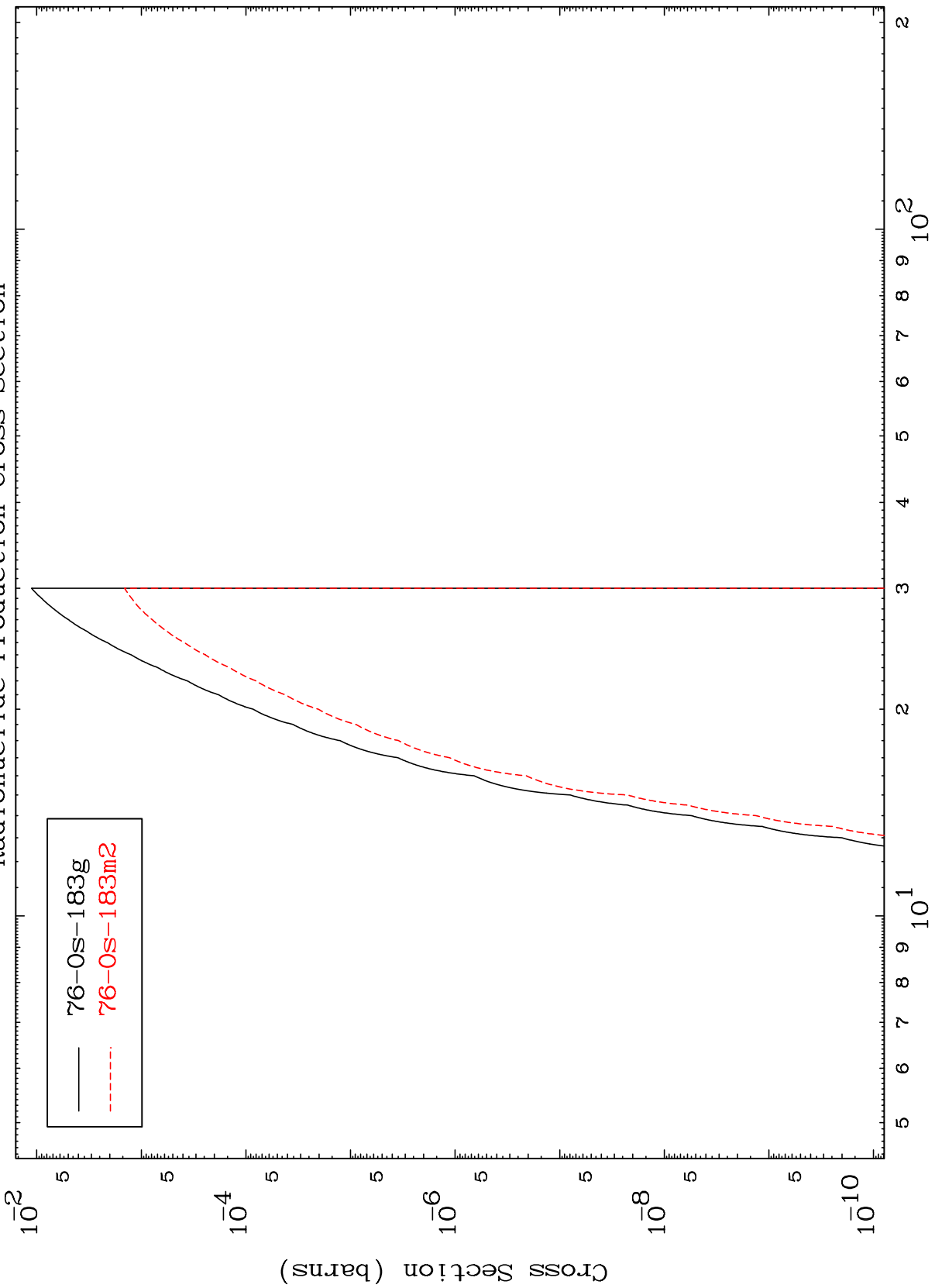
78-Pt-188

MAT 7819

$(n,2n) \alpha$

78-Pt-188

Radionuclide Production Cross Section



76-Os-183g  
76-Os-183m2

127

Incident Energy (MeV)

78-Pt-188

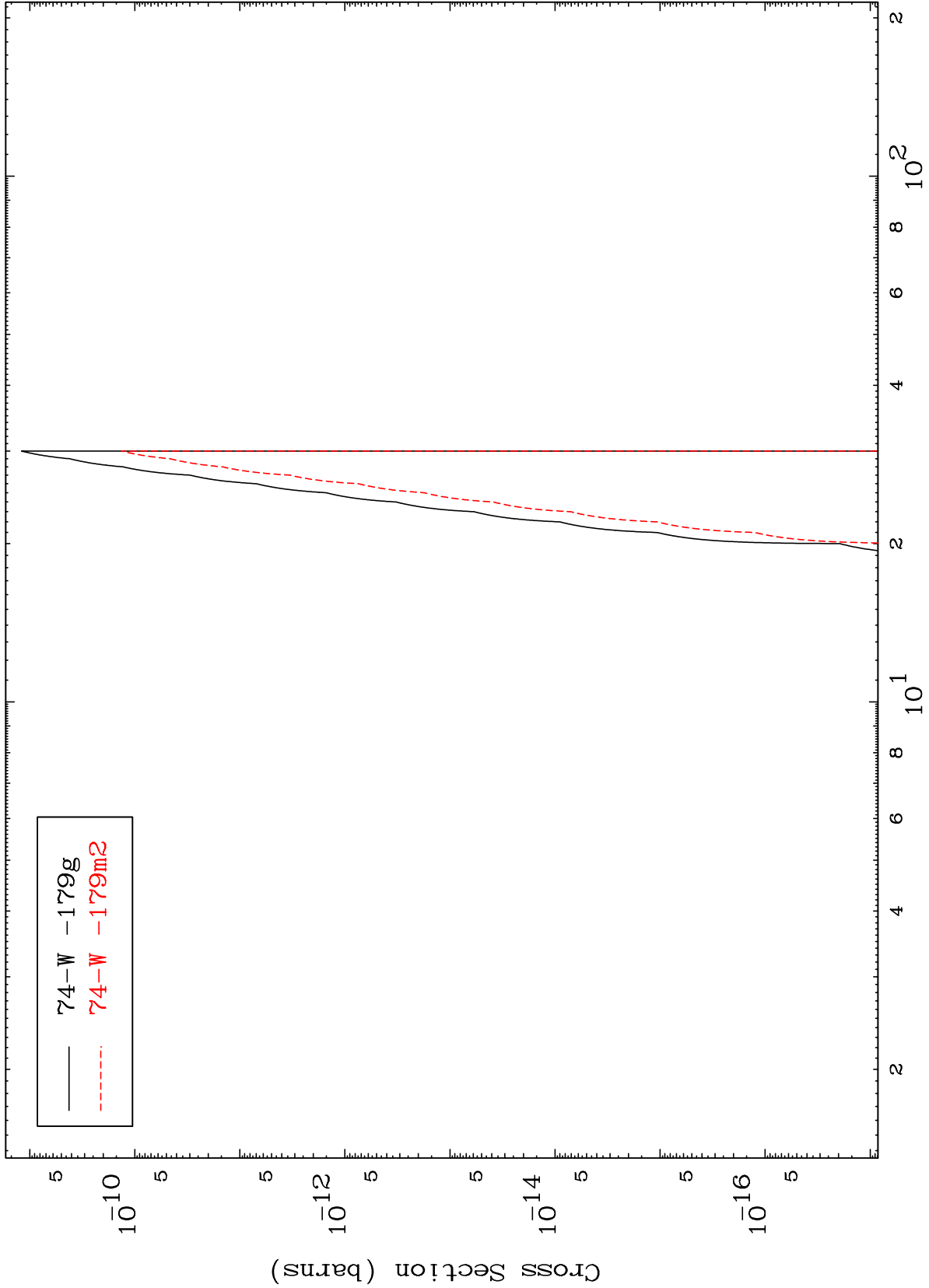


MAT 7819

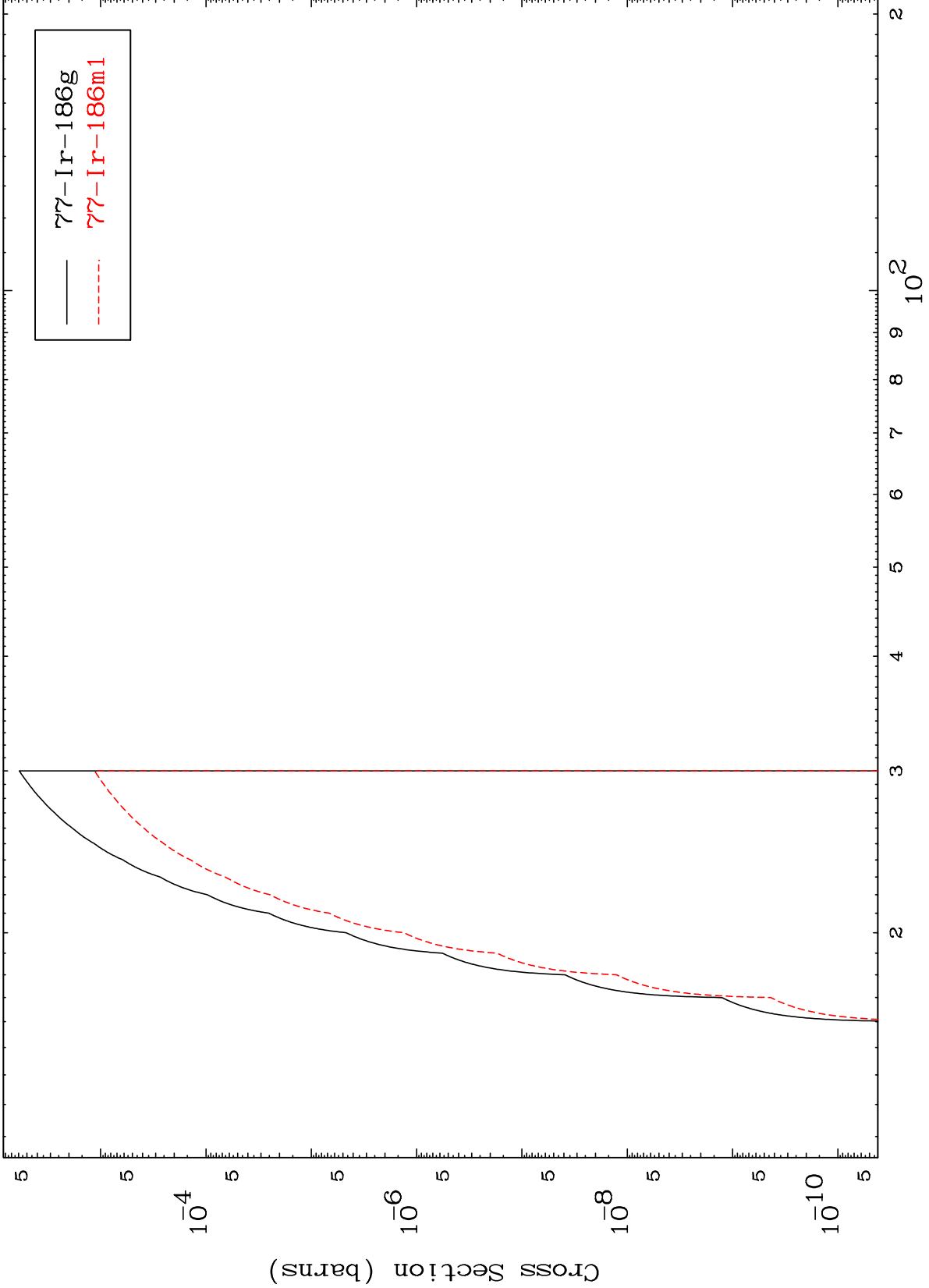
$^{74}\text{W}$  - 179g

$^{78}\text{Pt}$ -188

Radionuclide Production Cross Section



Radionuclide Production Cross Section

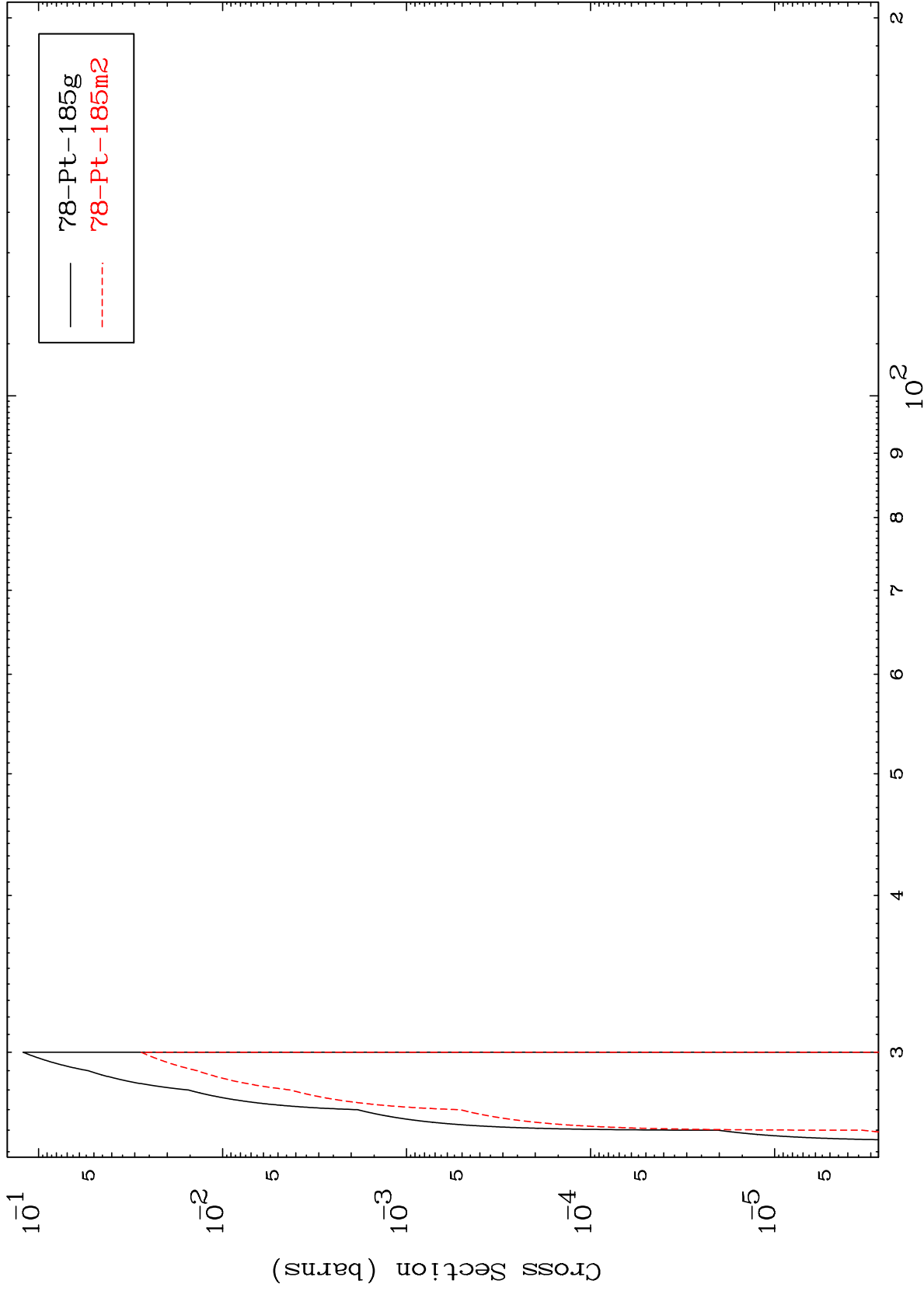


MAT 7819

(n,4n)

78-Pt-188

Radionuclide Production Cross Section



130

Incident Energy (MeV)

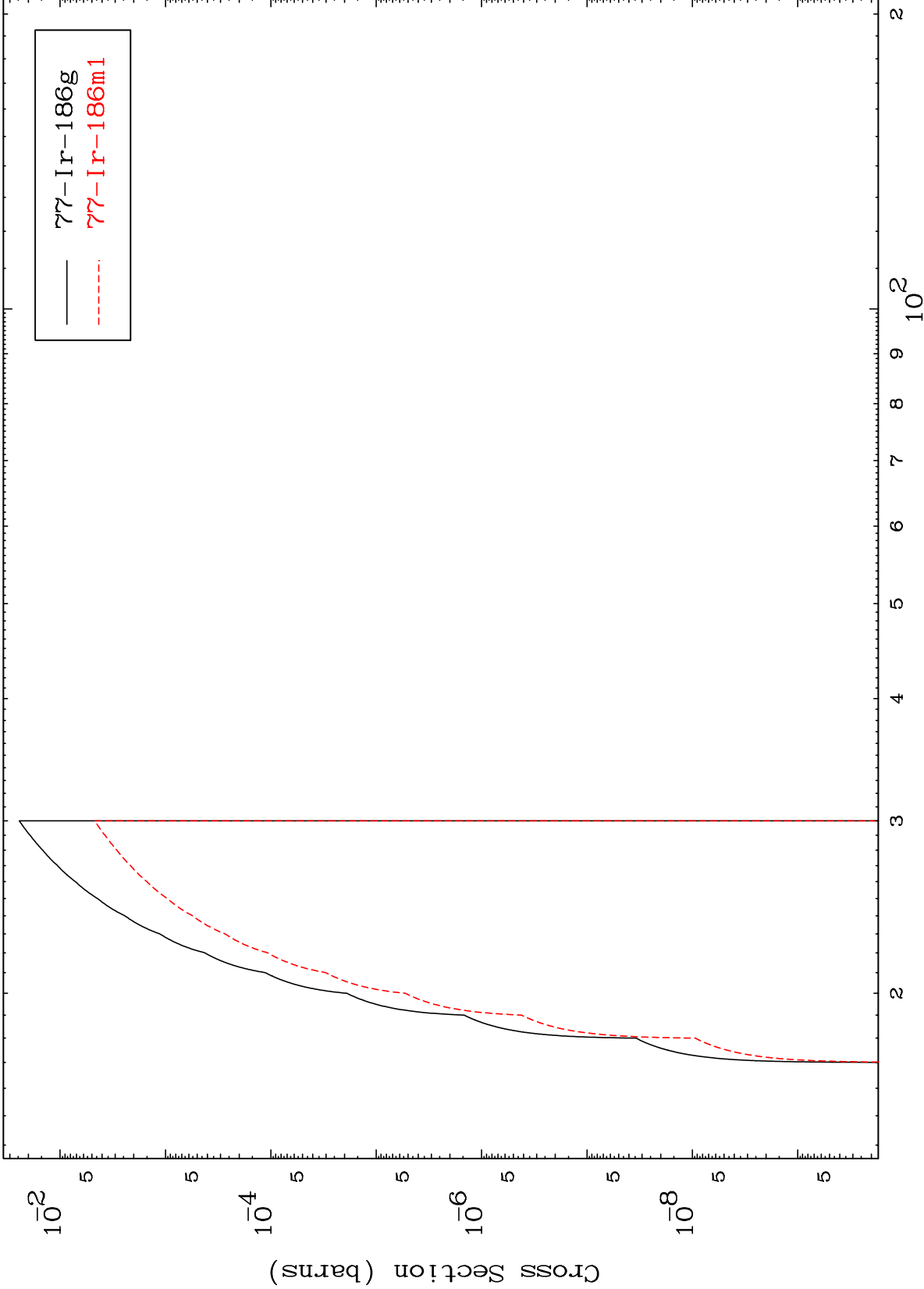
78-Pt-188

MAT 7819

(n,2n) p

78-Pt-188

Radionuclide Production Cross Section



131

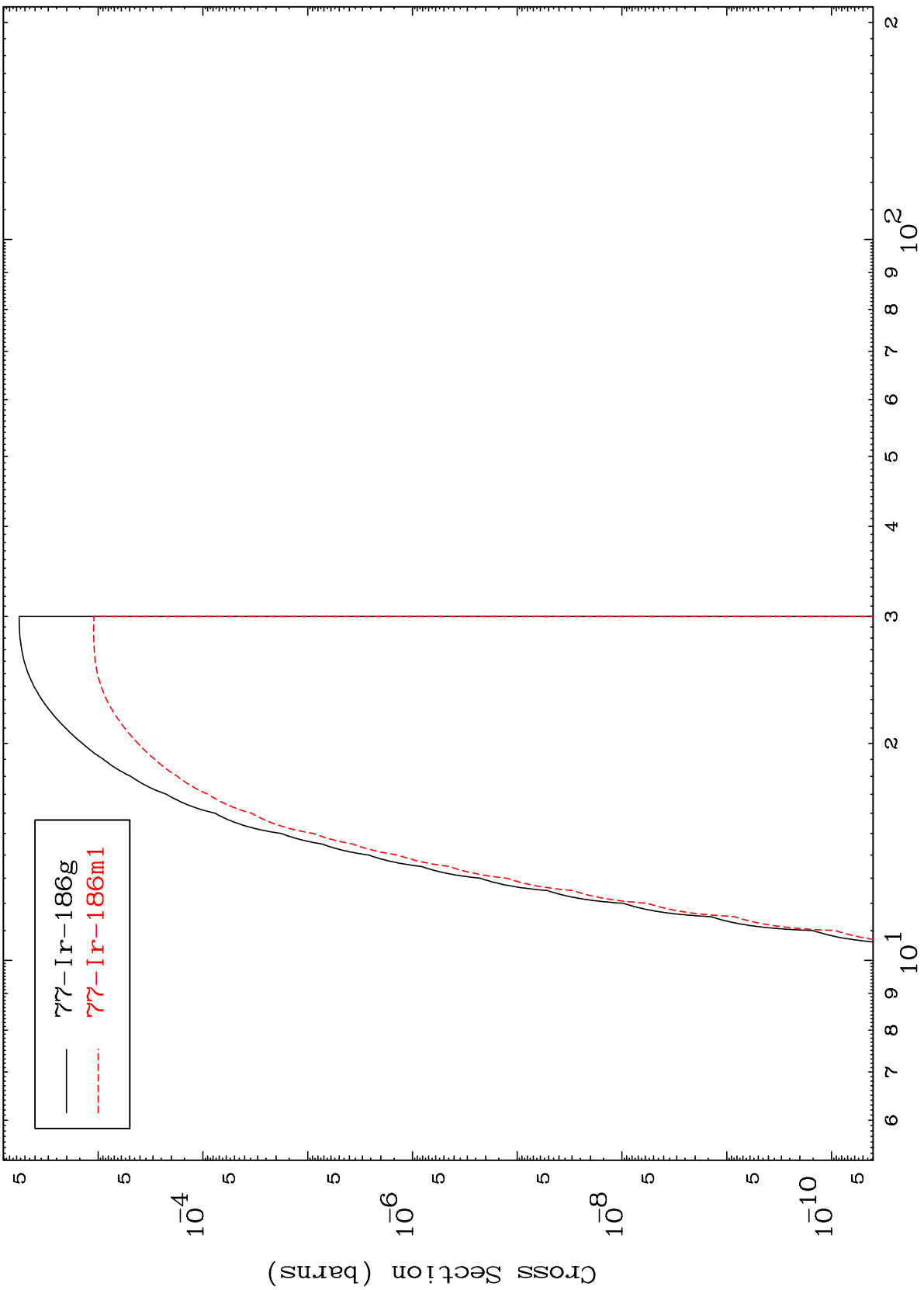
Incident Energy (MeV)

78-Pt-188

MAT 7819

78-Pt-188

(n, t)  
Radionuclide Production Cross Section



132

Incident Energy (MeV)

78-Pt-188

MAT 7819

(n,p)  $\alpha$

78-Pt-188

Radionuclide Production Cross Section

