

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

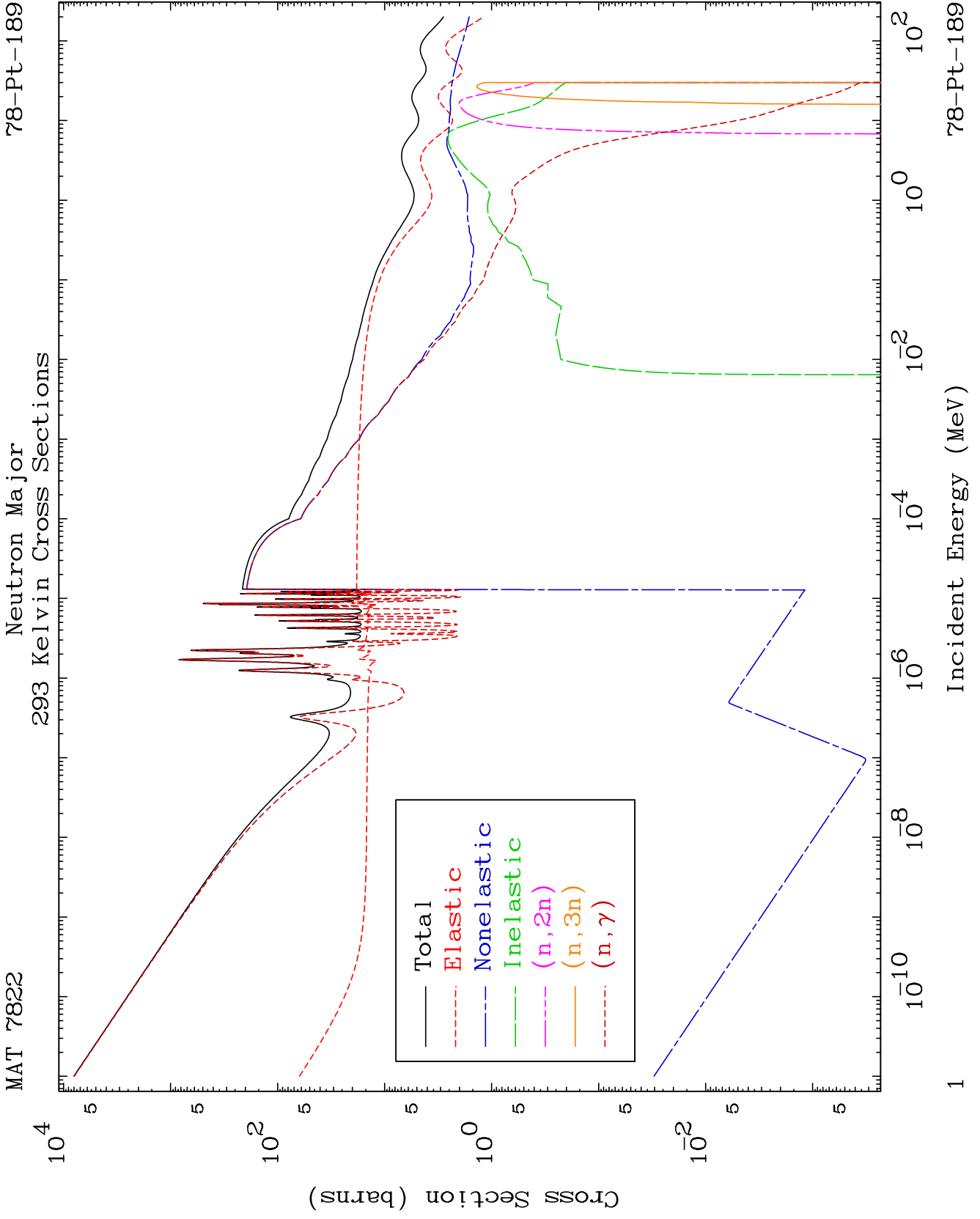
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E.Mail:redcullen1@comcast.net

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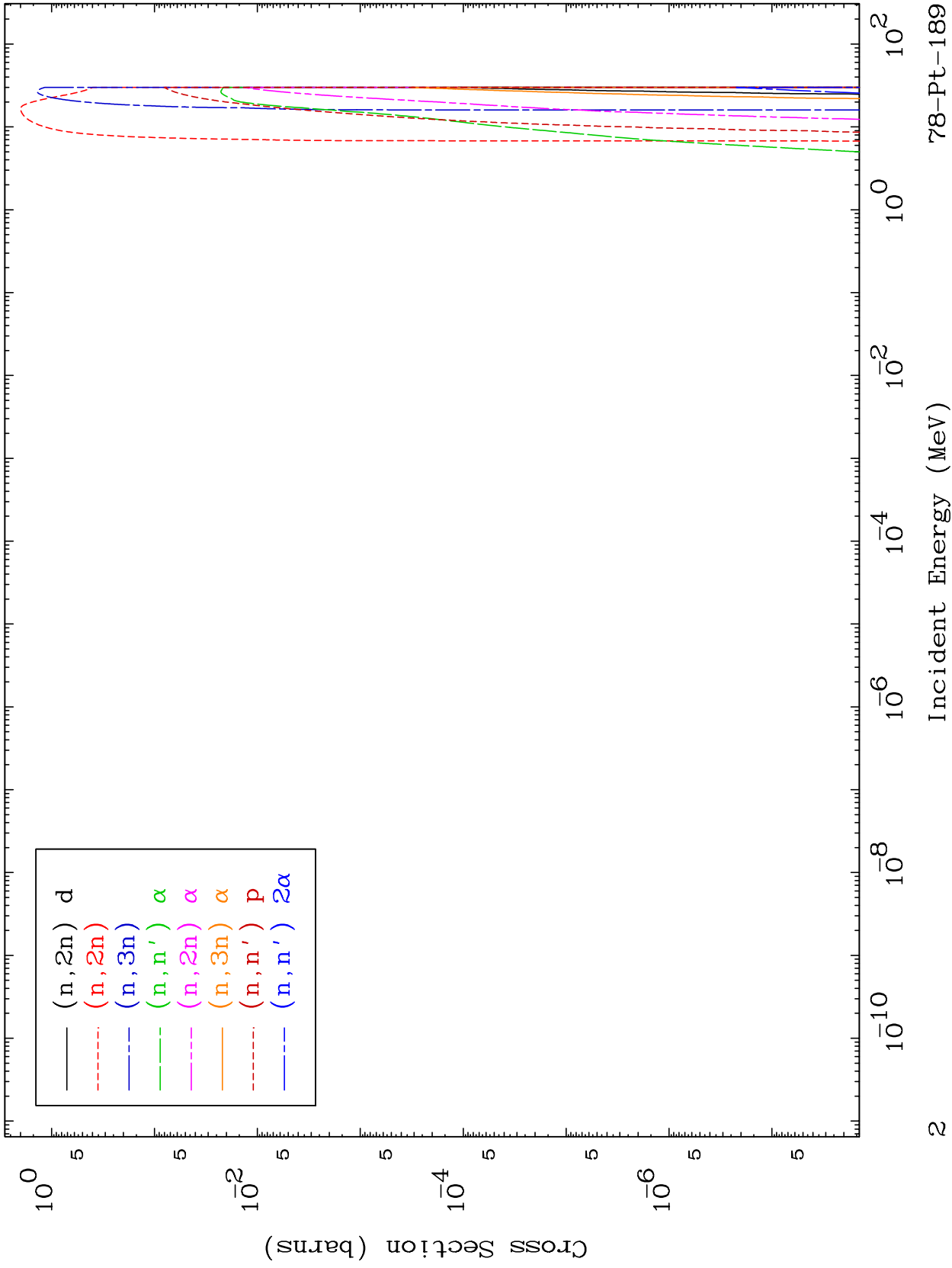
Press Mouse Button to Start



MAT 78222

Neutron Absorption  
293 Kelvin Cross Sections

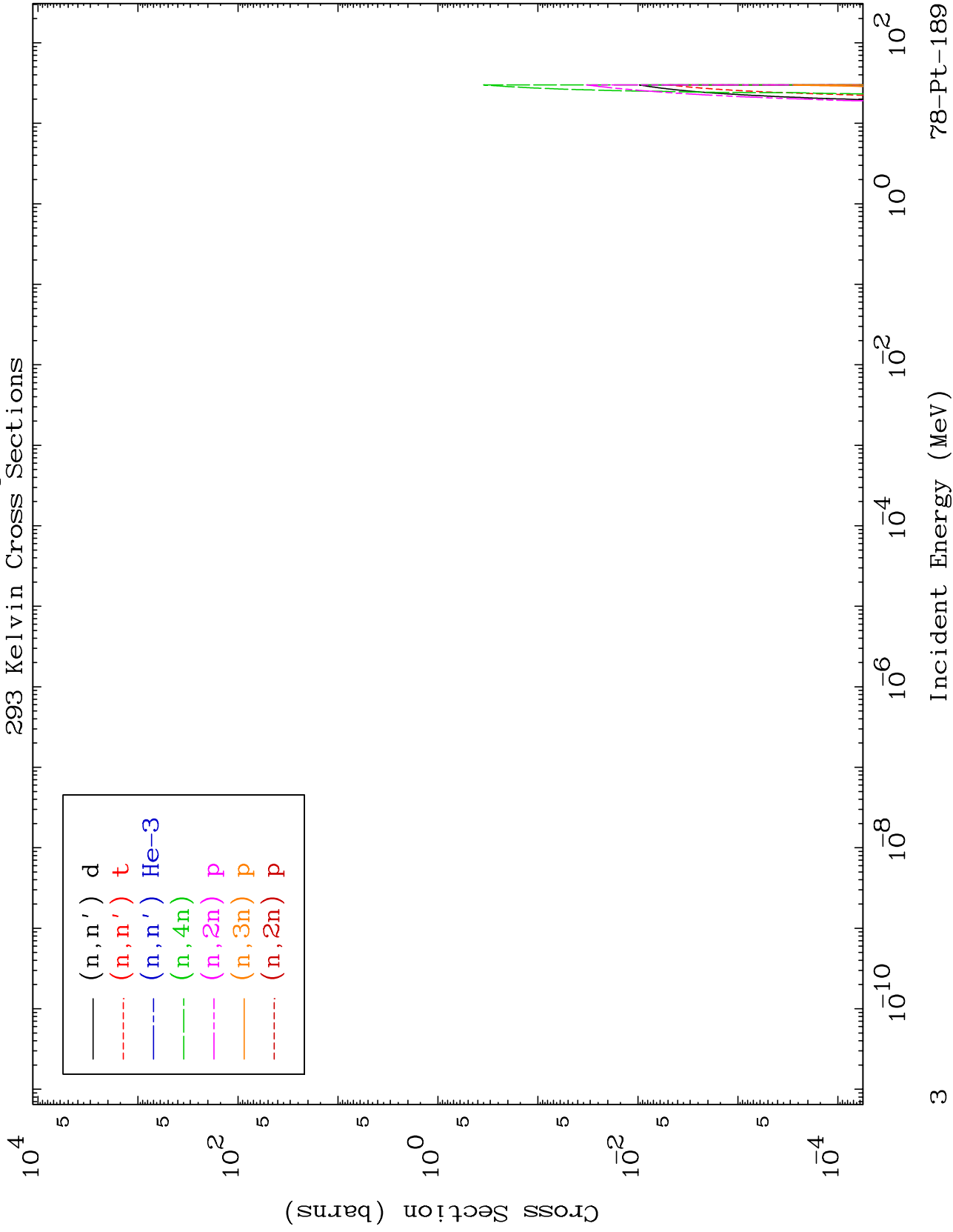
78-Pt-189



MAT 7822

Neutron Absorption  
293 Kelvin Cross Sections

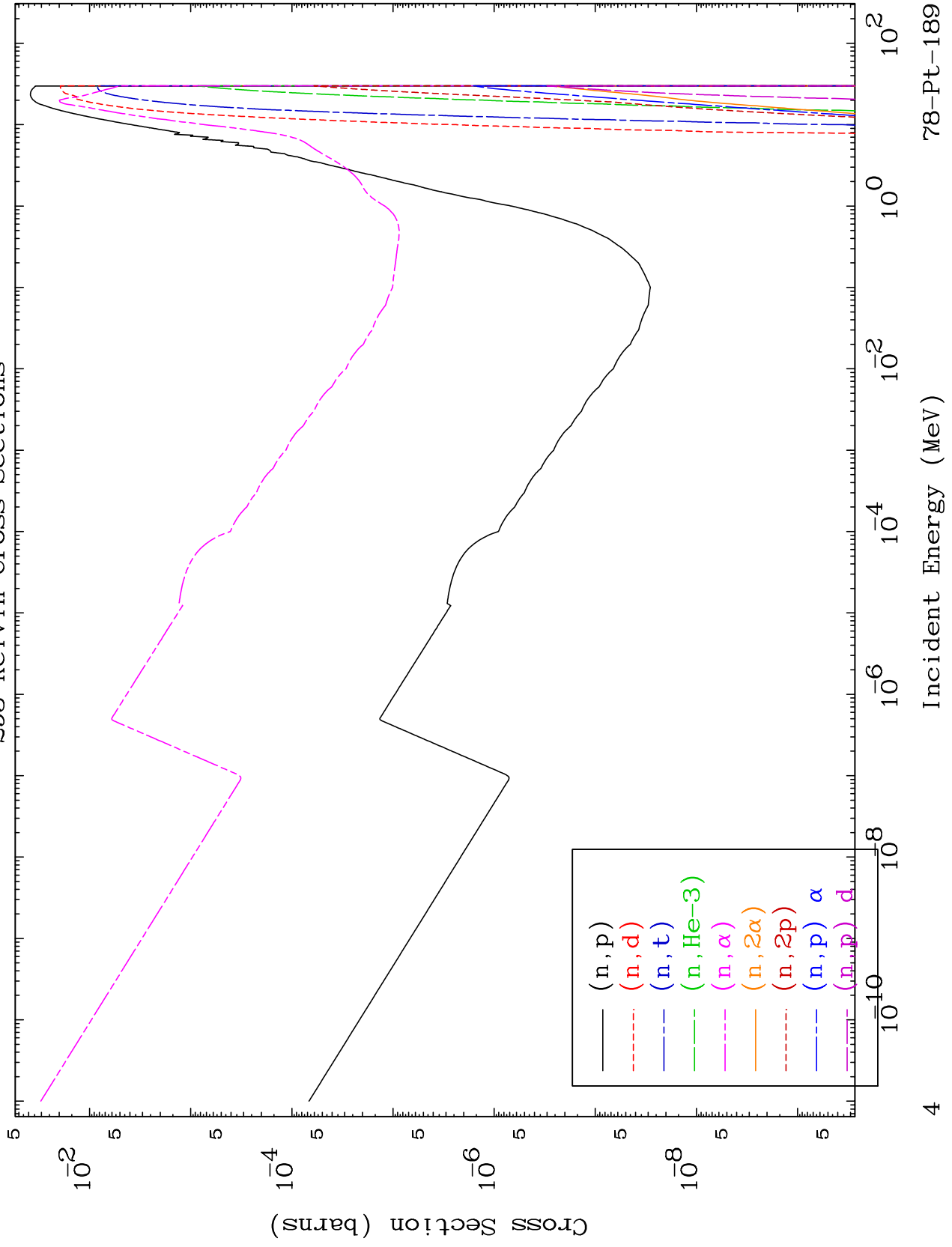
78-Pt-189



MAT 7822

Neutron Absorption  
293 Kelvin Cross Sections

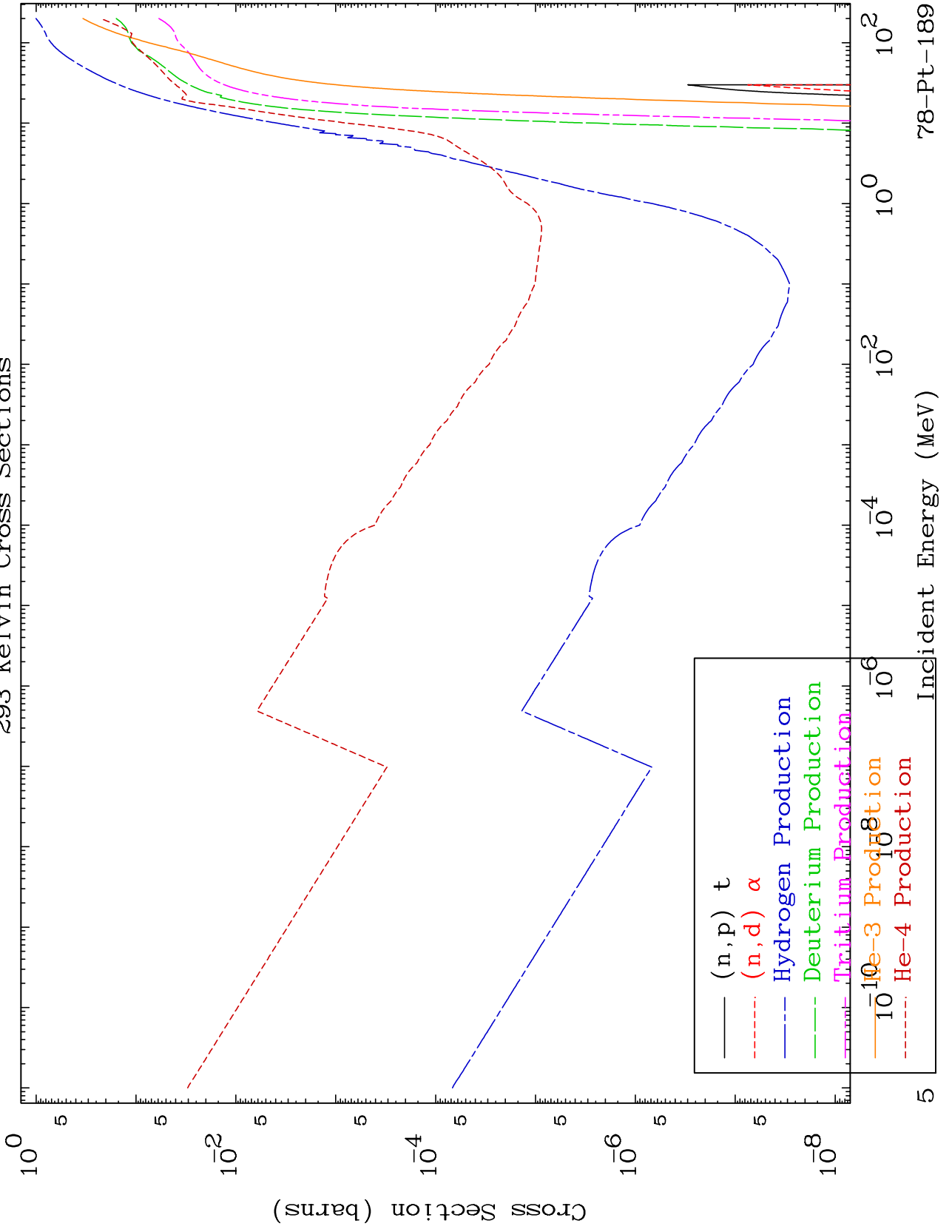
78-Pt-189



MAT 7822

Neutron Absorption  
293 Kelvin Cross Sections

78-Pt-189



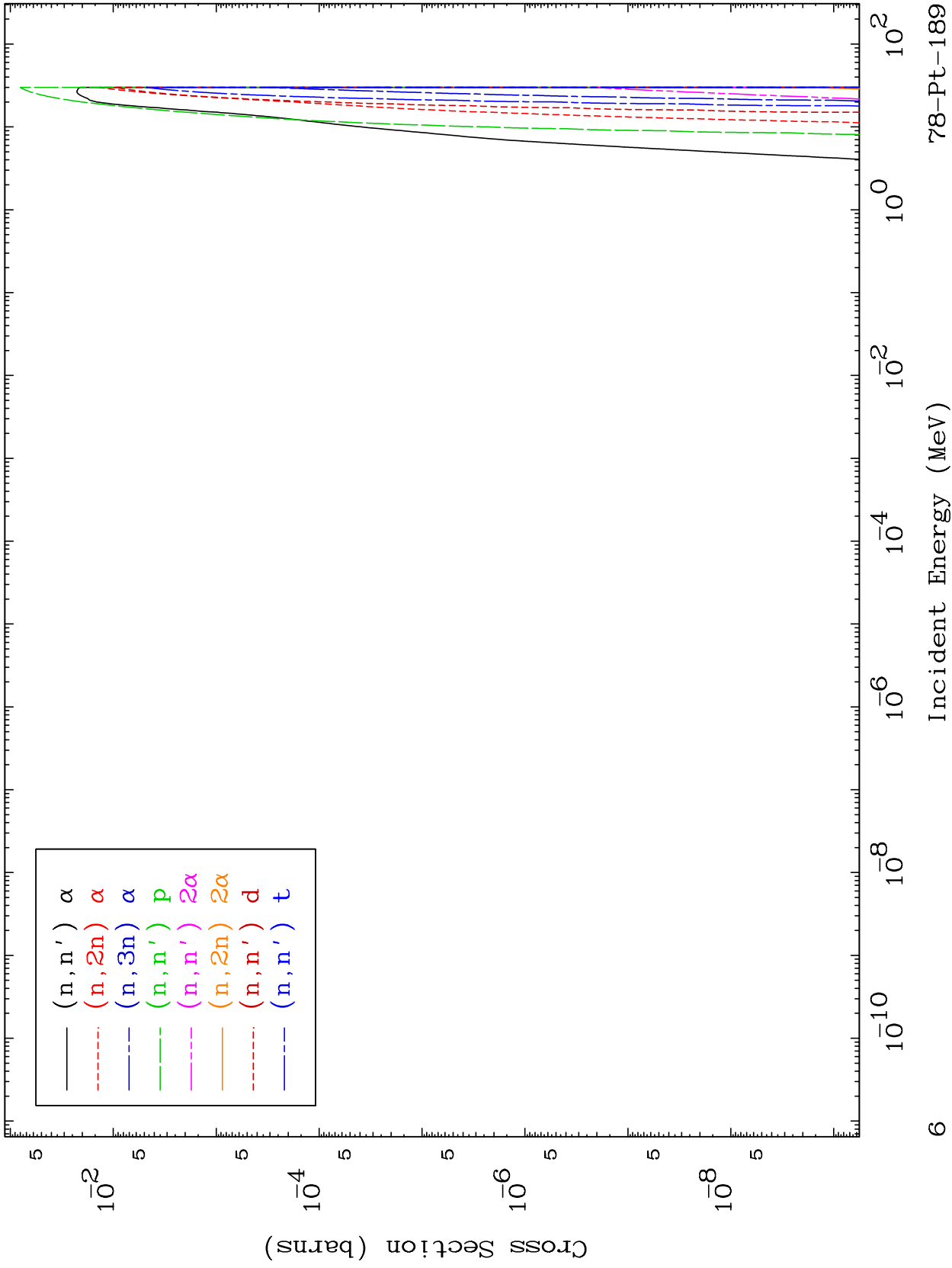
78-Pt-189

Incident Energy (MeV)

MAT 7822

Charged Particle  
293 Kelvin Cross Sections

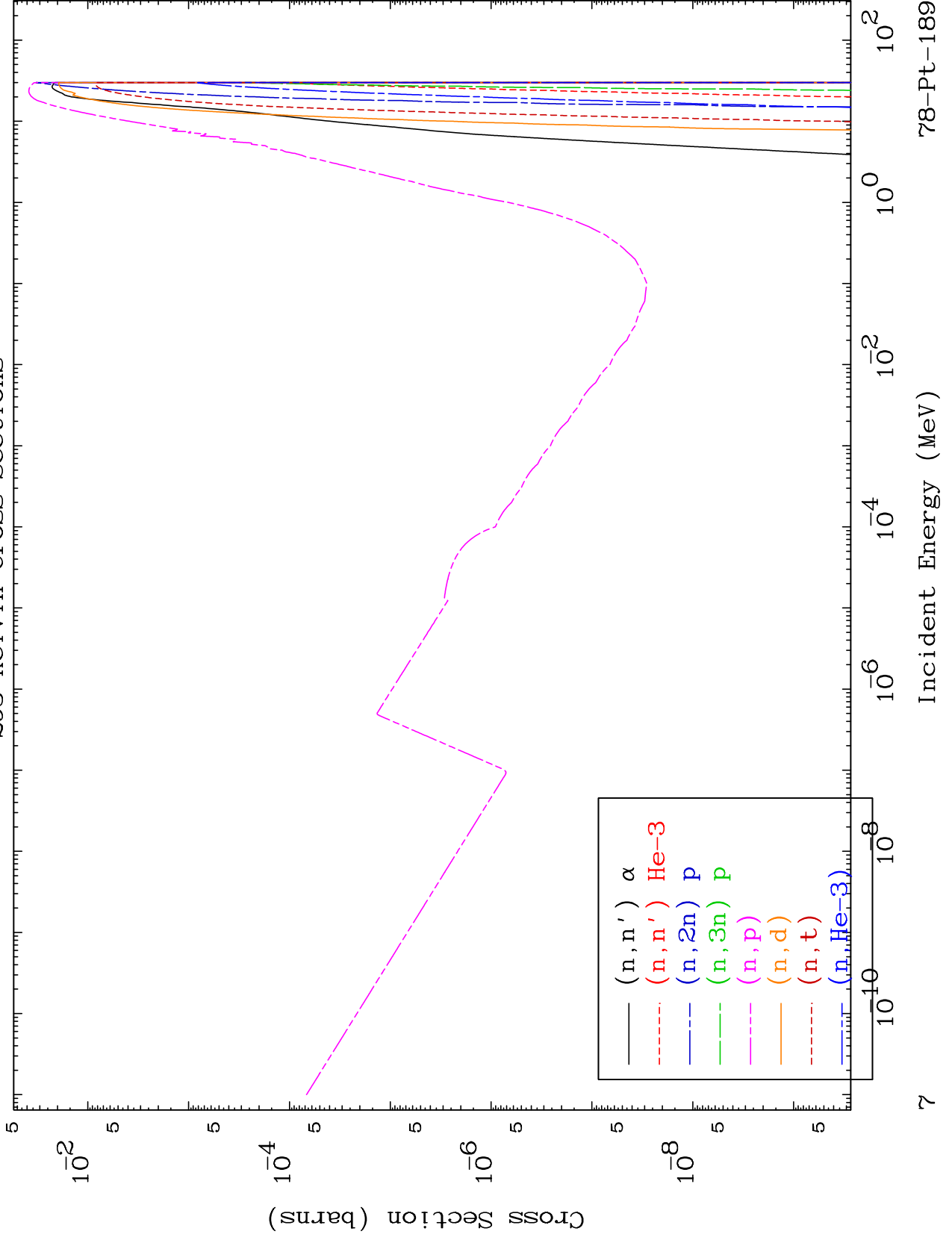
78-Pt-189



MAT 7822

Charged Particle  
293 Kelvin Cross Sections

78-Pt-189

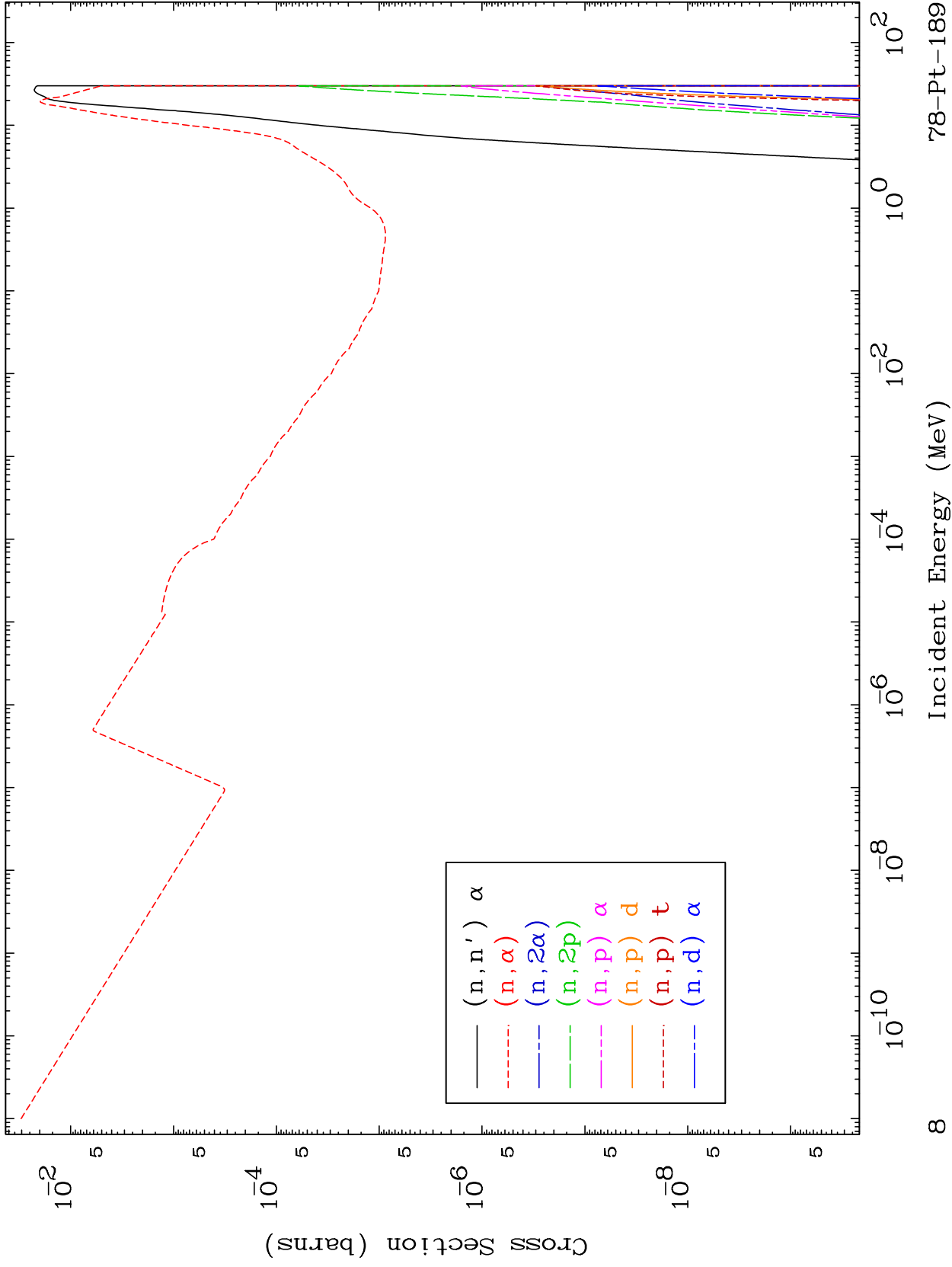


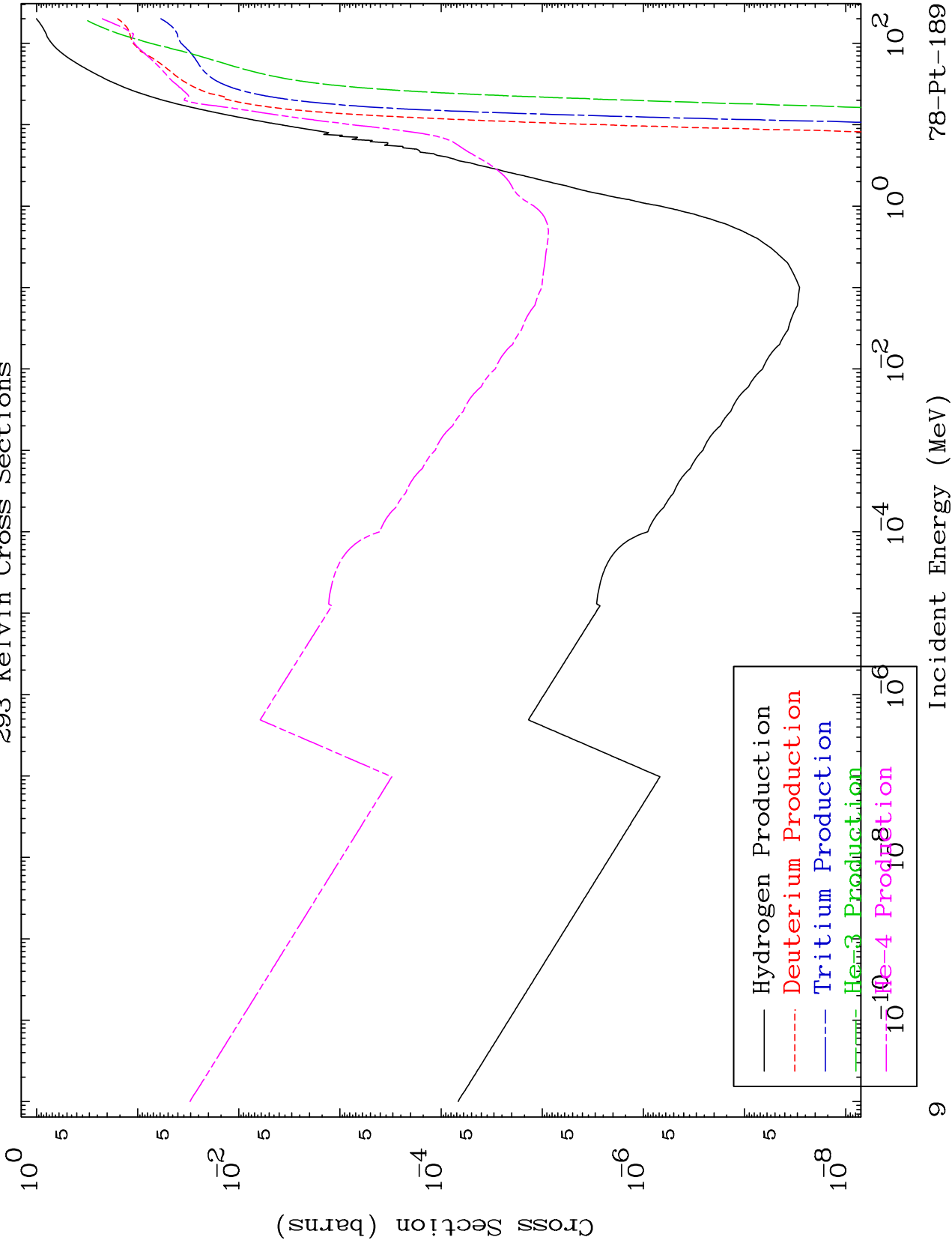


MAT 7822

Charged Particle  
293 Kelvin Cross Sections

78-Pt-189

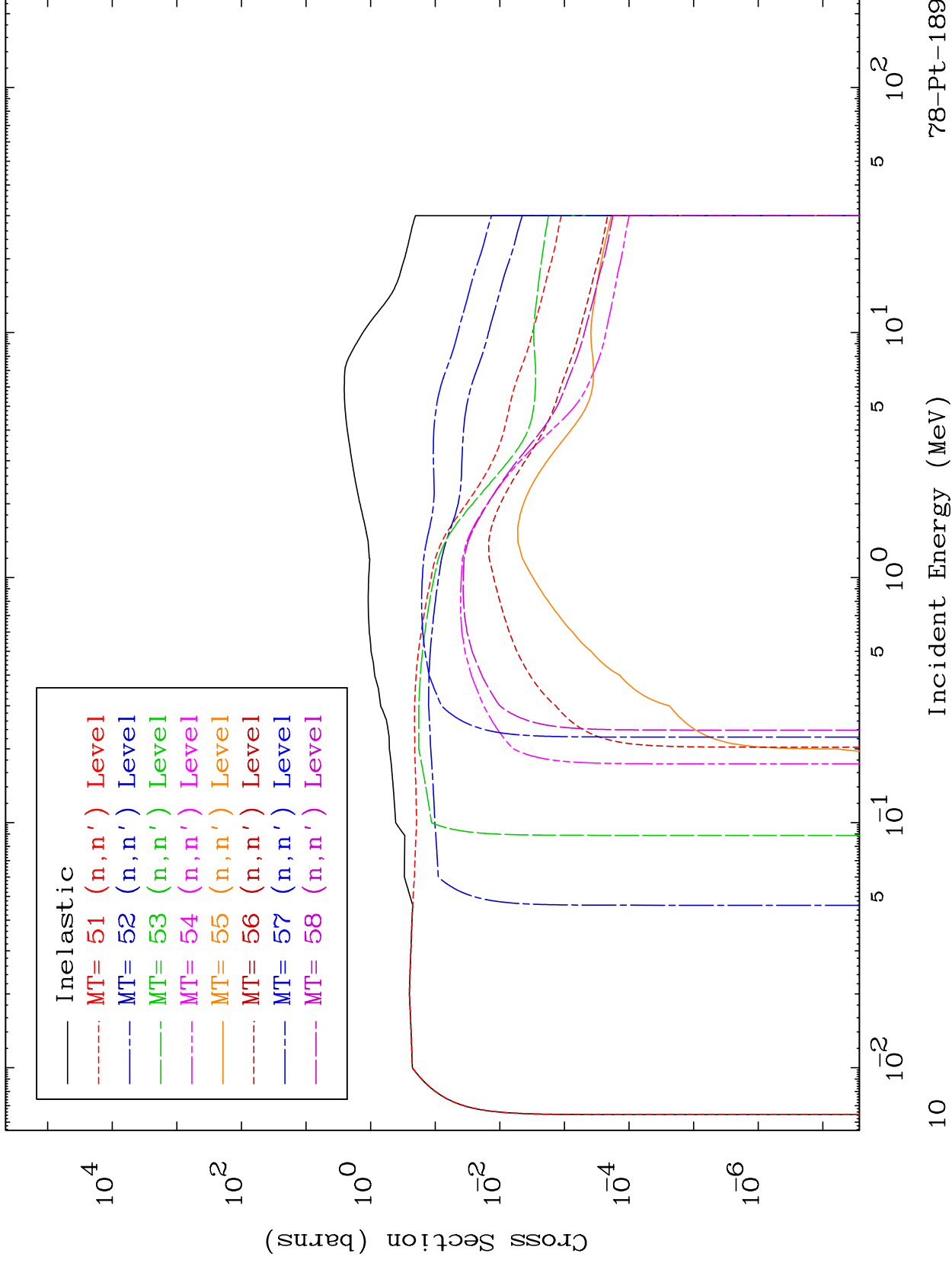




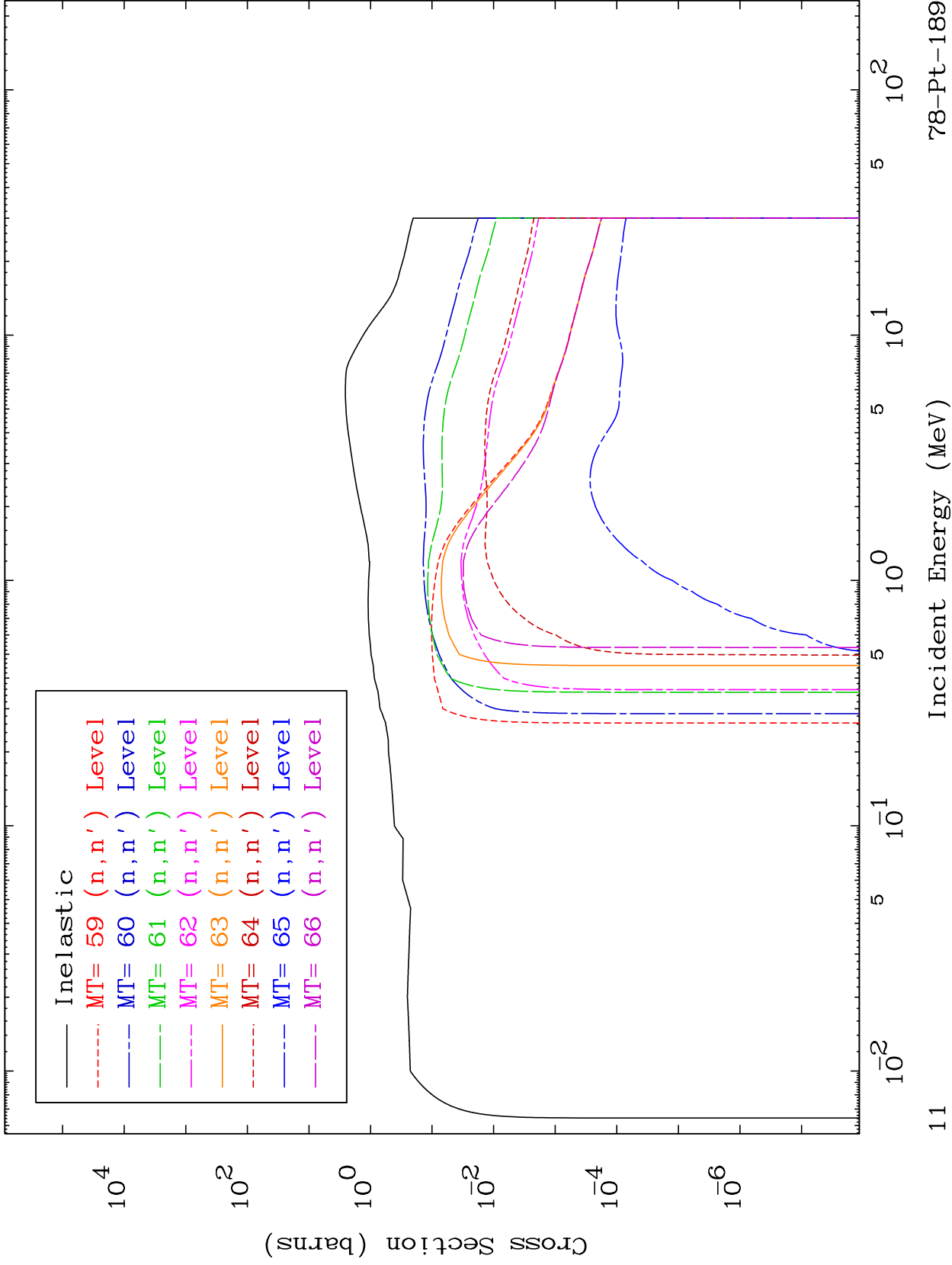
MAT 78222

293 (n,n') Levels

78-Pt-189



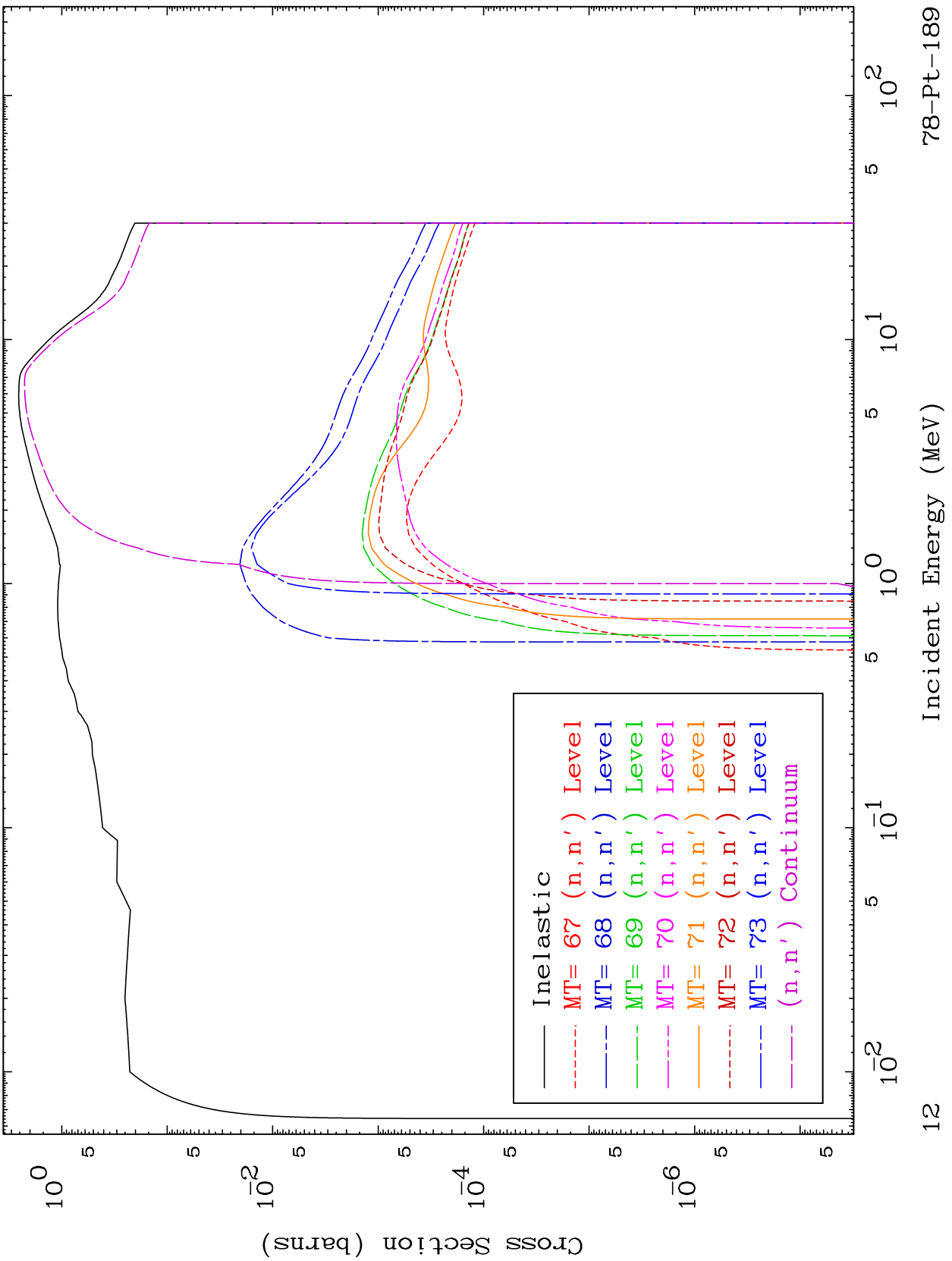
78-Pt-189



MAT 78222

78-Pt-189

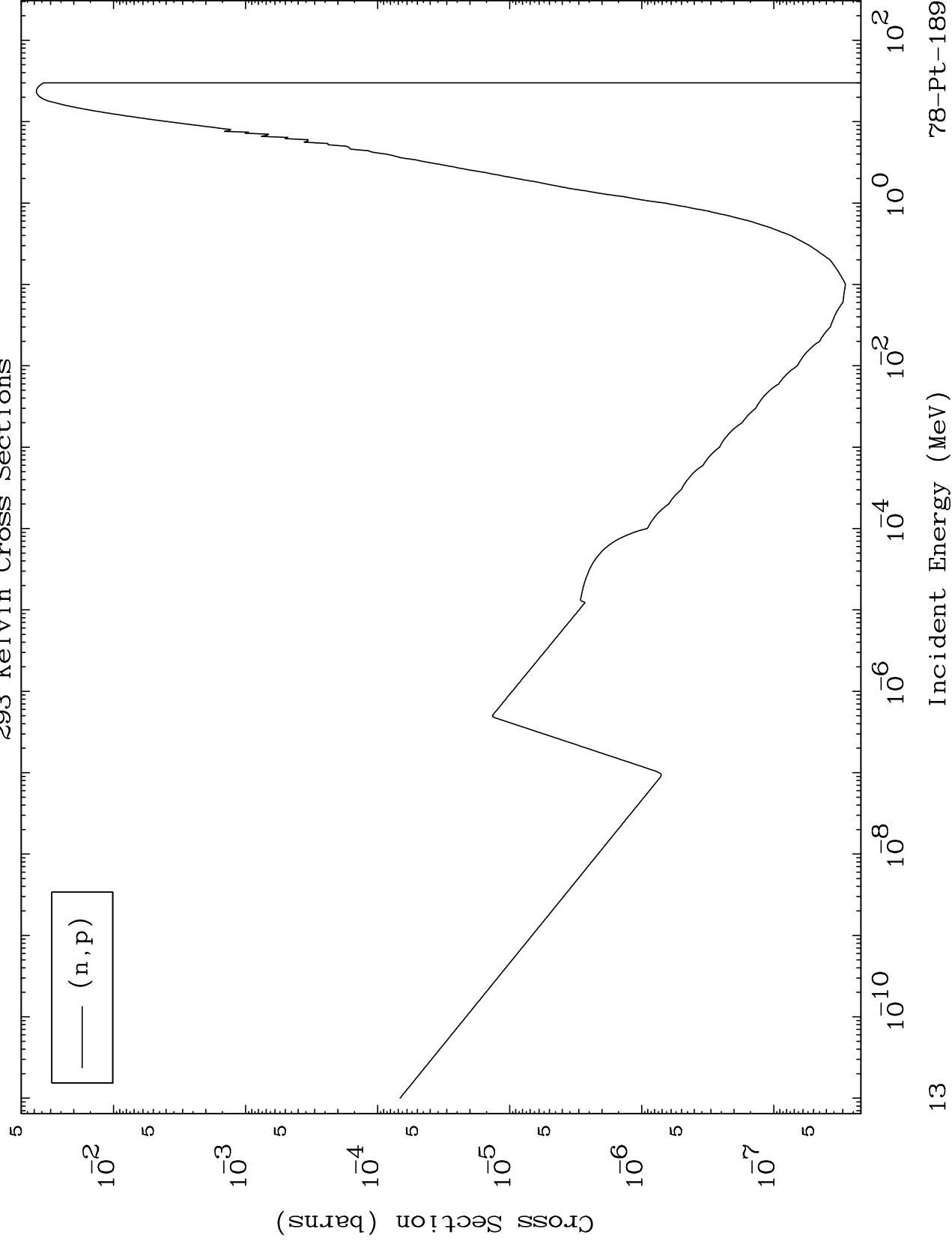
293 Kelvin Cross Sections  
(n,n') Levels



MAT 7822

(n,p) Levels  
293 Kelvin Cross Sections

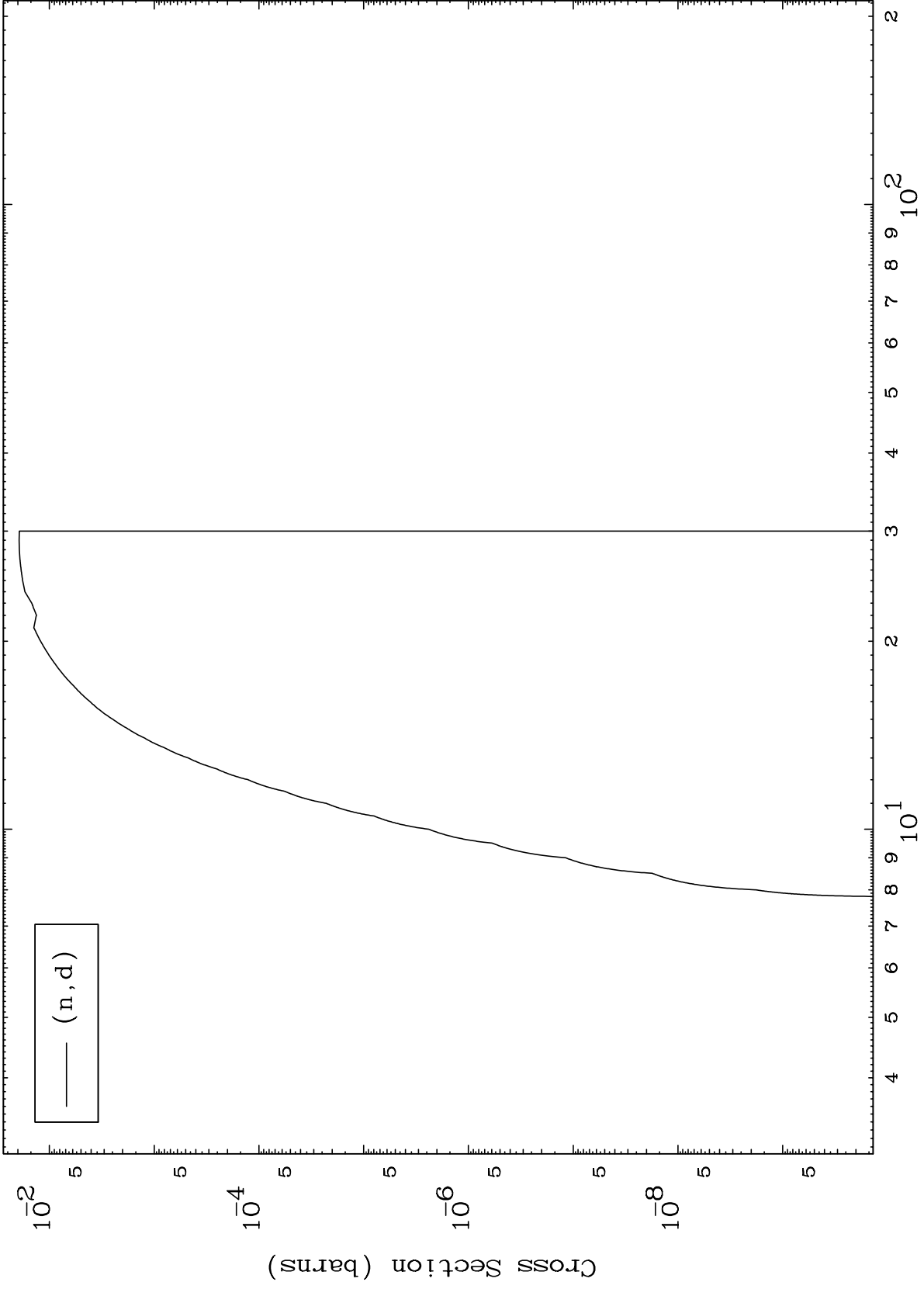
78-Pt-189



MAT 78222

(n,d) Levels  
293 Kelvin Cross Sections

78-Pt-189



14

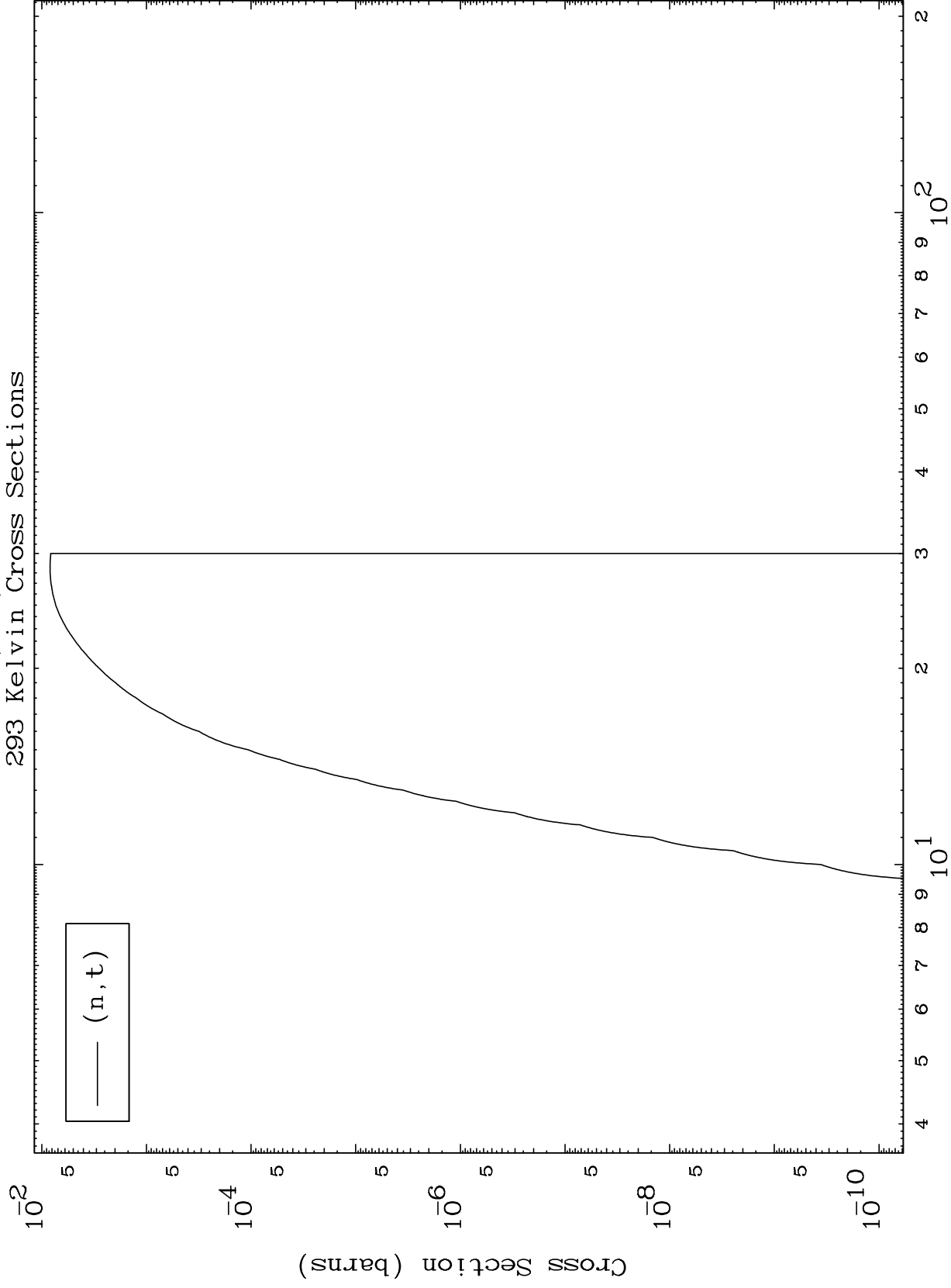
Incident Energy (MeV)

78-Pt-189

MAT 7822

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-189



15

Incident Energy (MeV)

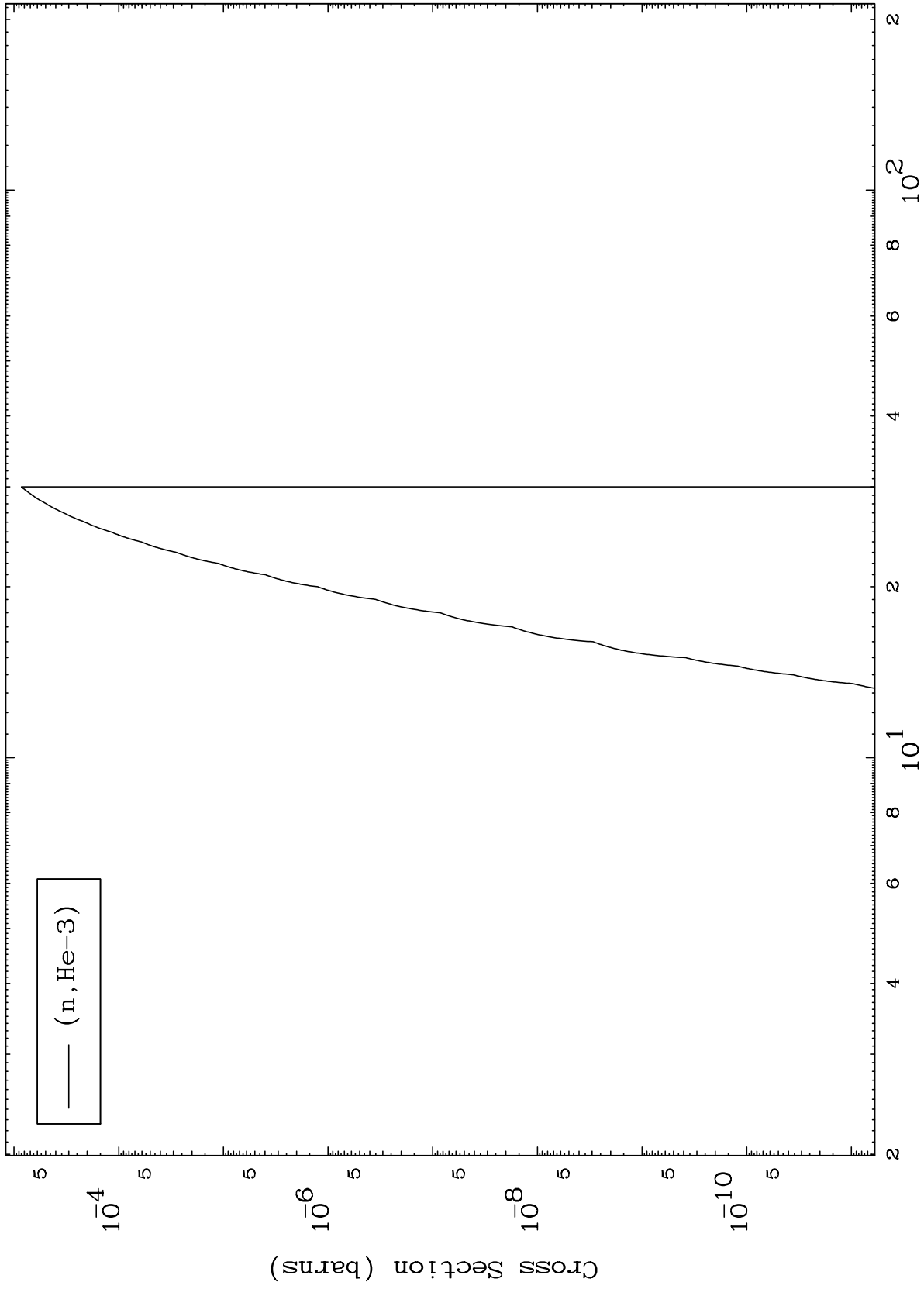
78-Pt-189



MAT 7822

(n,He3) Levels  
293 Kelvin Cross Sections

78-Pt-189



16

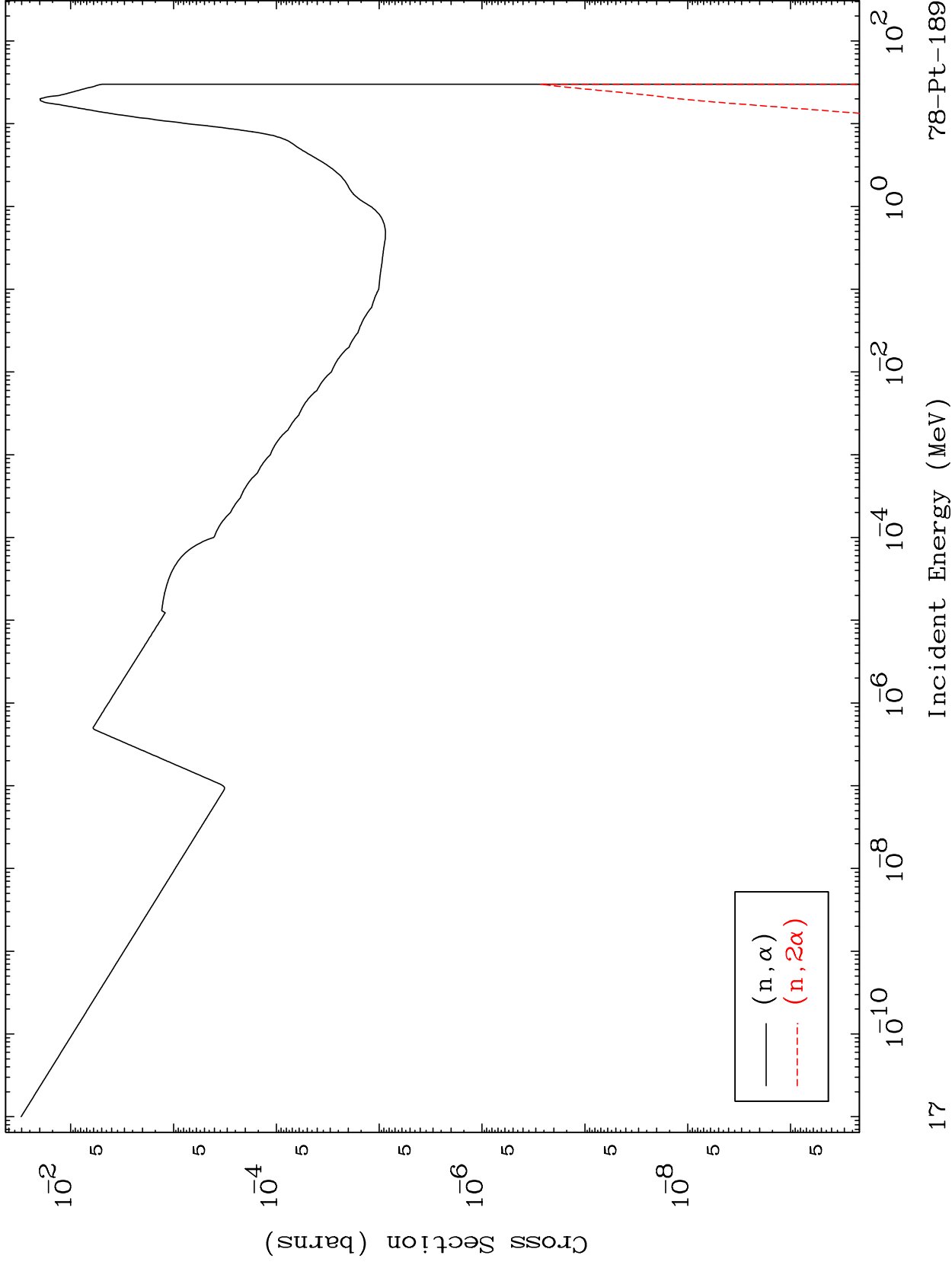
Incident Energy (MeV)

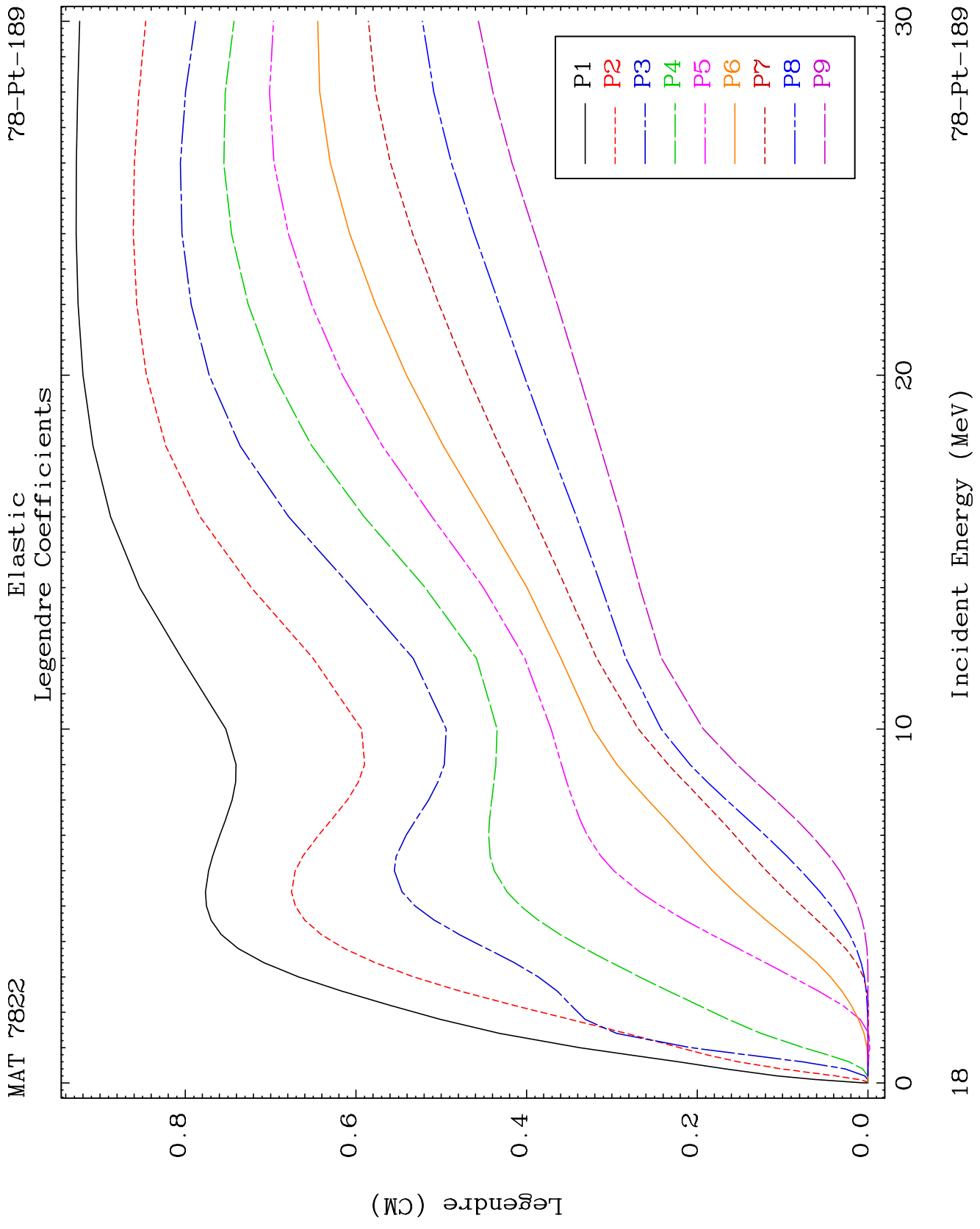
78-Pt-189

MAT 7822

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

78-Pt-189

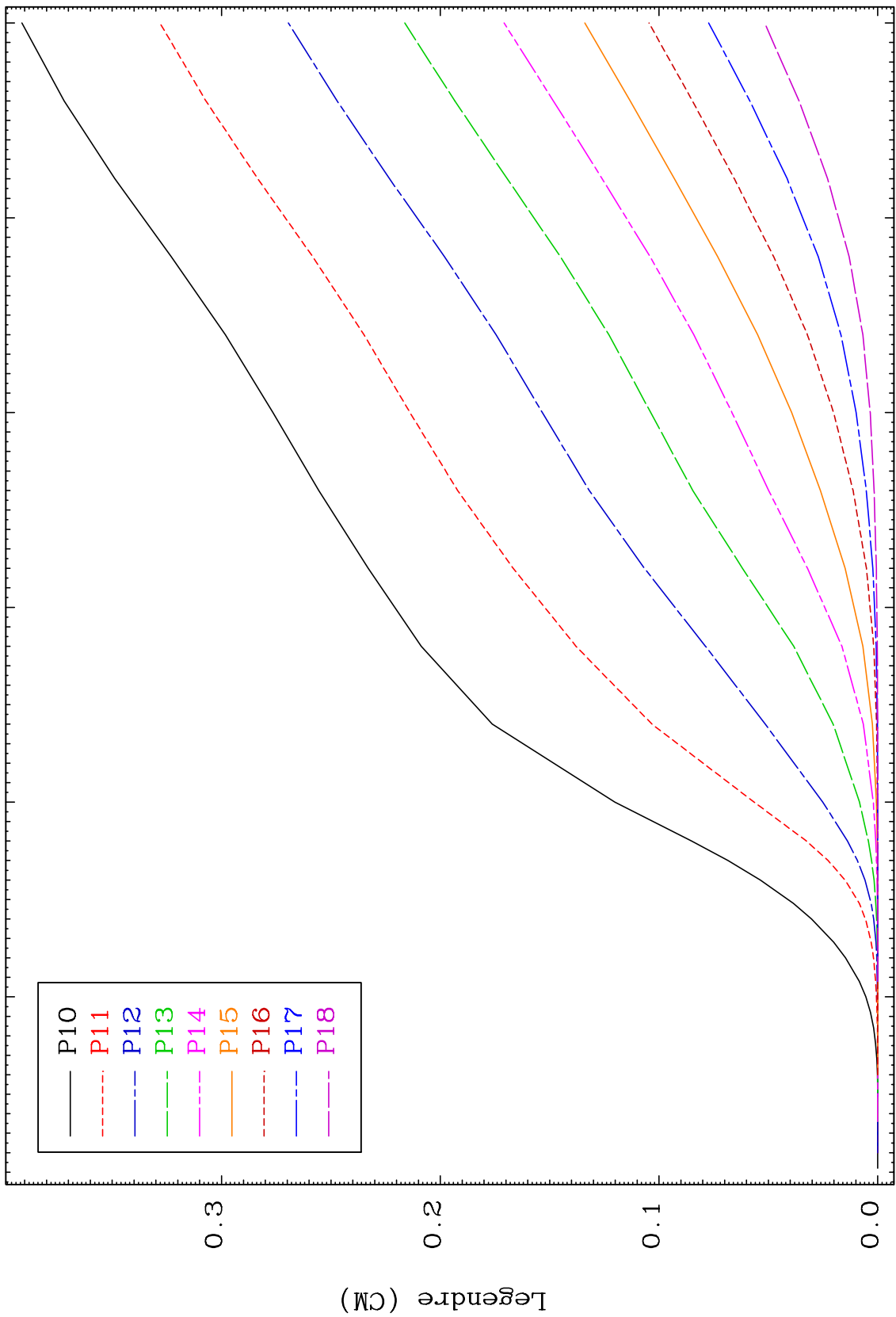




MAT 7822

Elastic Legendre Coefficients

78-Pt-189



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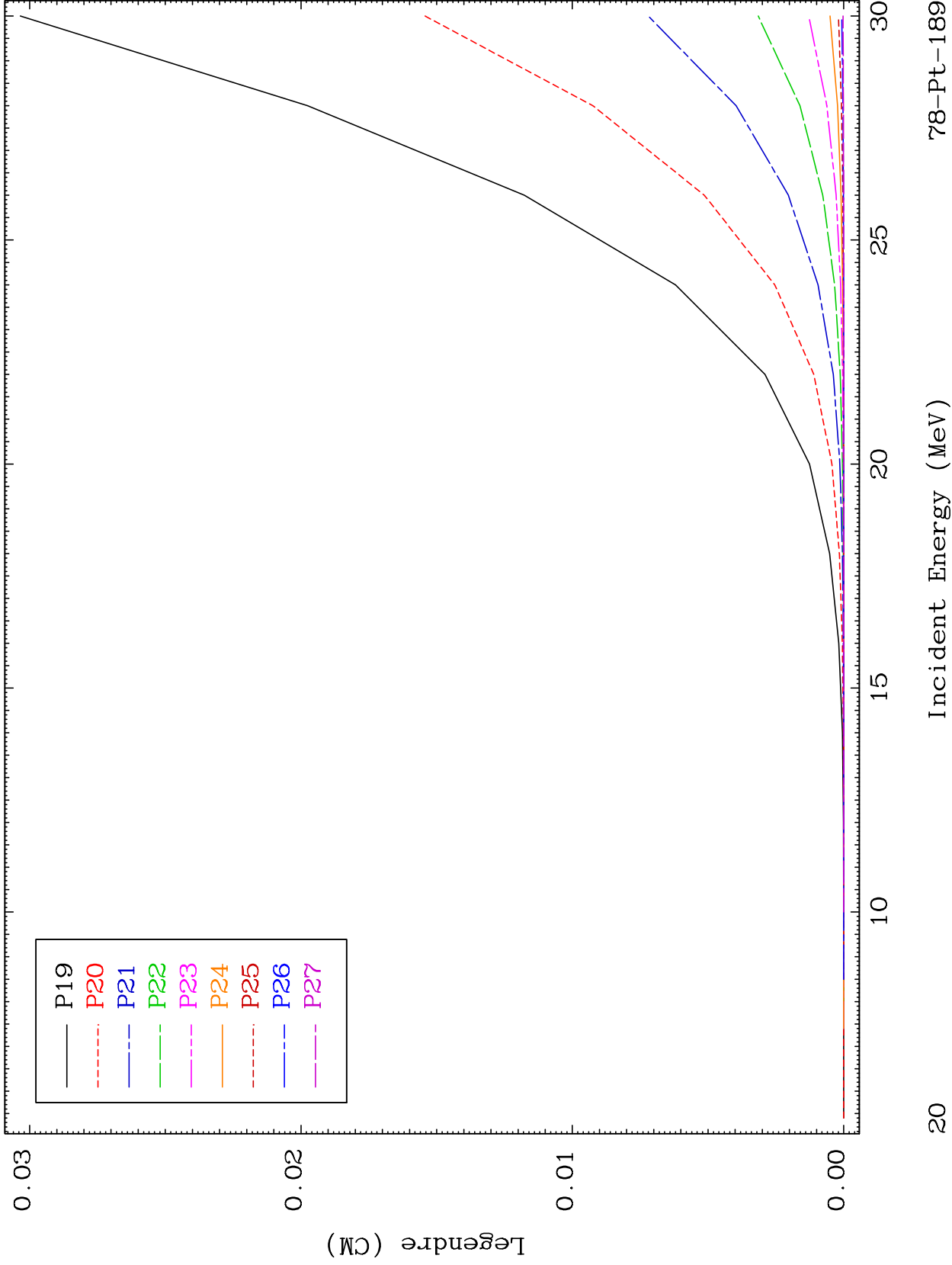
Incident Energy (MeV)

78-Pt-189

MAT 7822

Elastic  
Legendre Coefficients

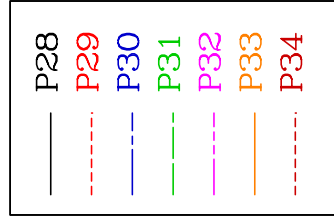
78-Pt-189



MAT 7822

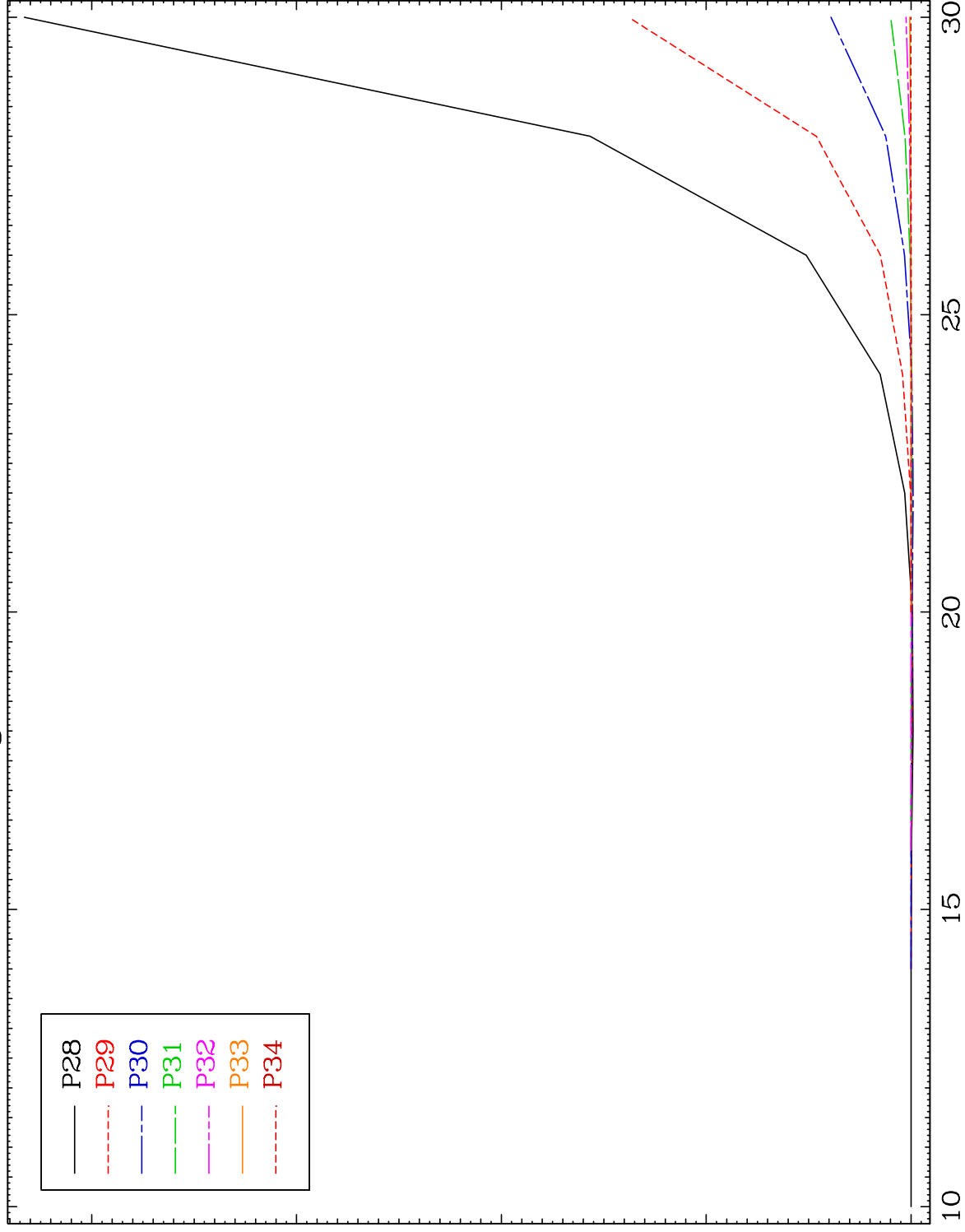
Elastic  
Legendre Coefficients

78-Pt-189



$\times 10^{-6}$

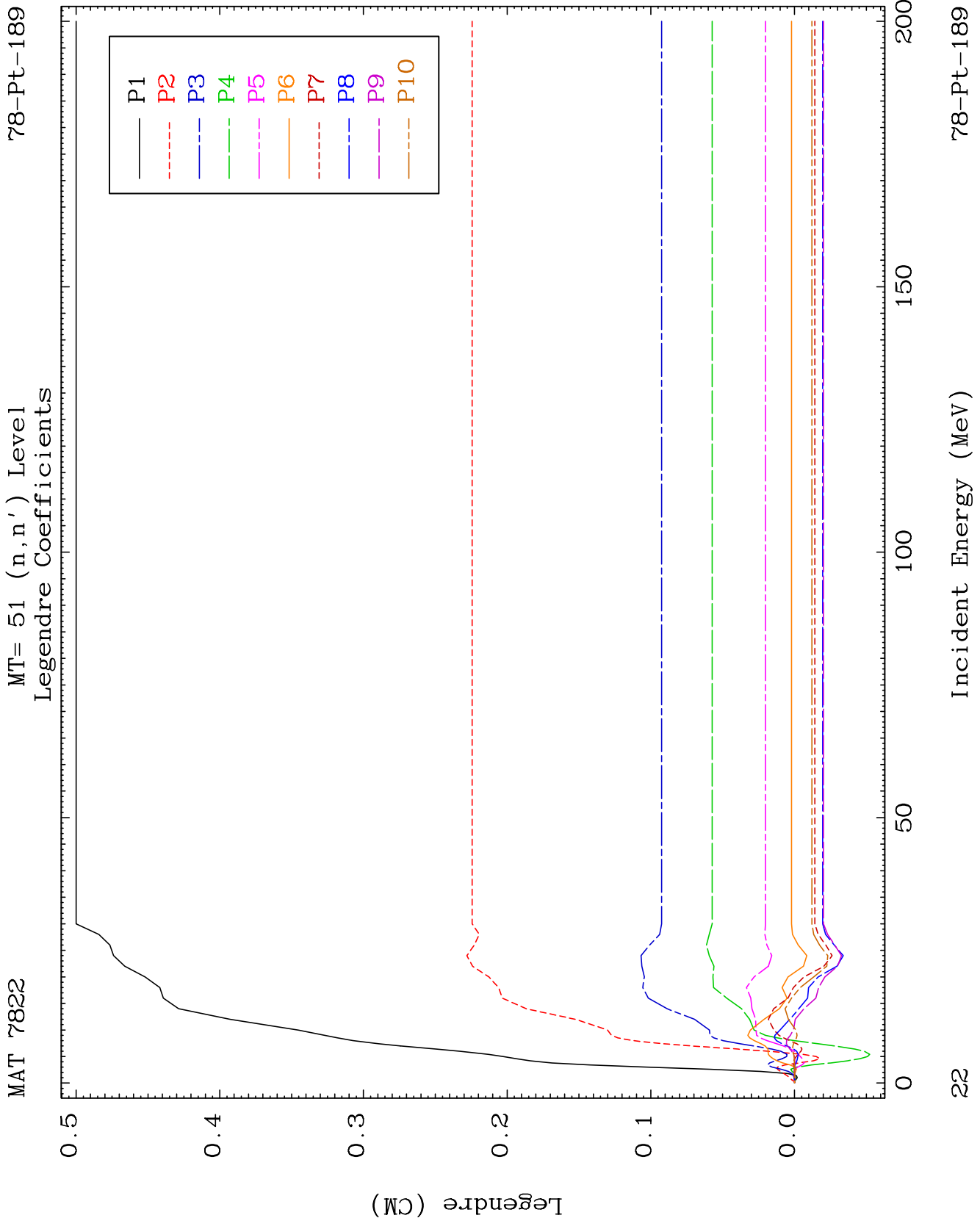
Legendre (CM)



21

Incident Energy (MeV)

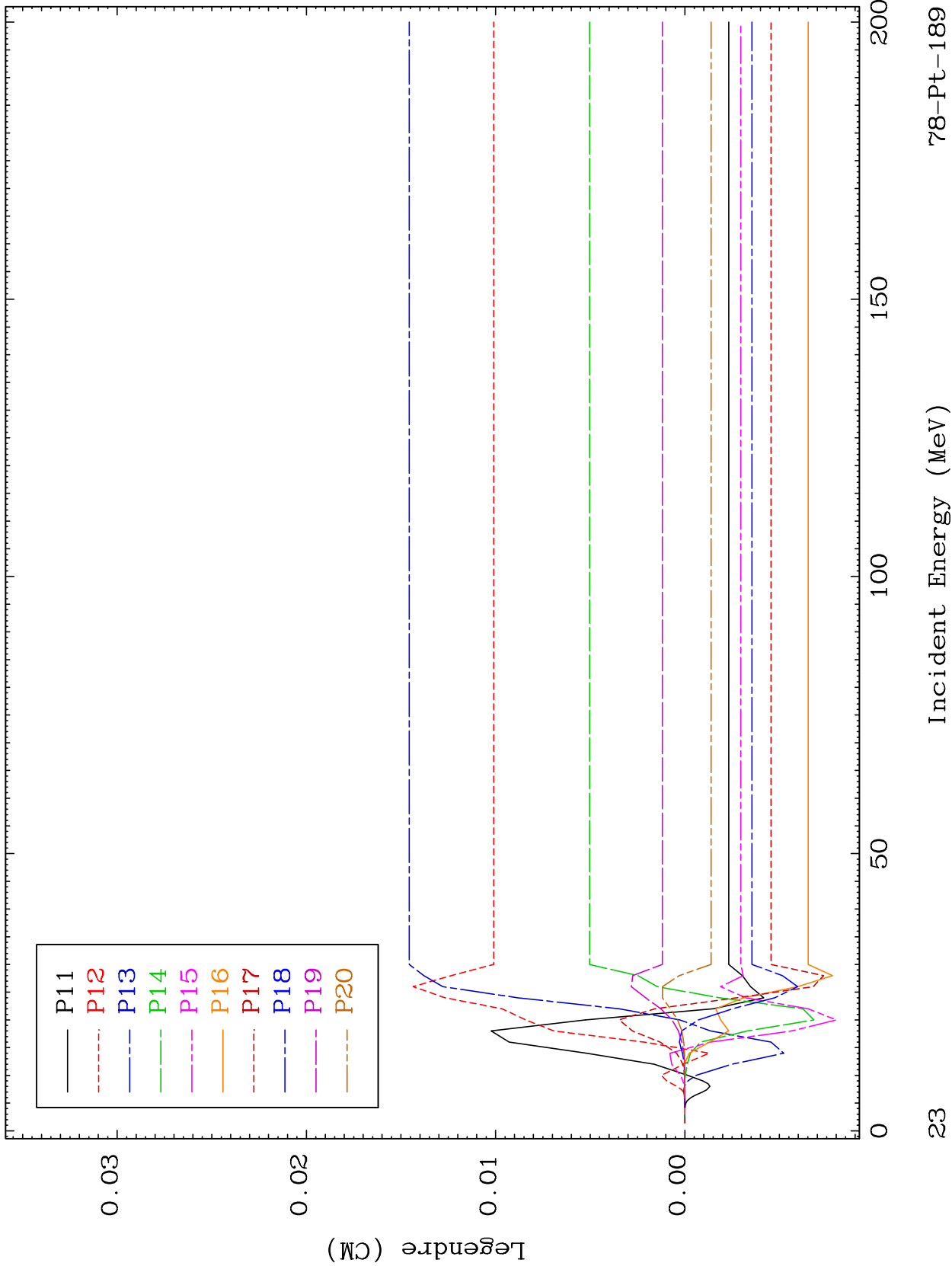
78-Pt-189



MAT 7822

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

78-Pt-189

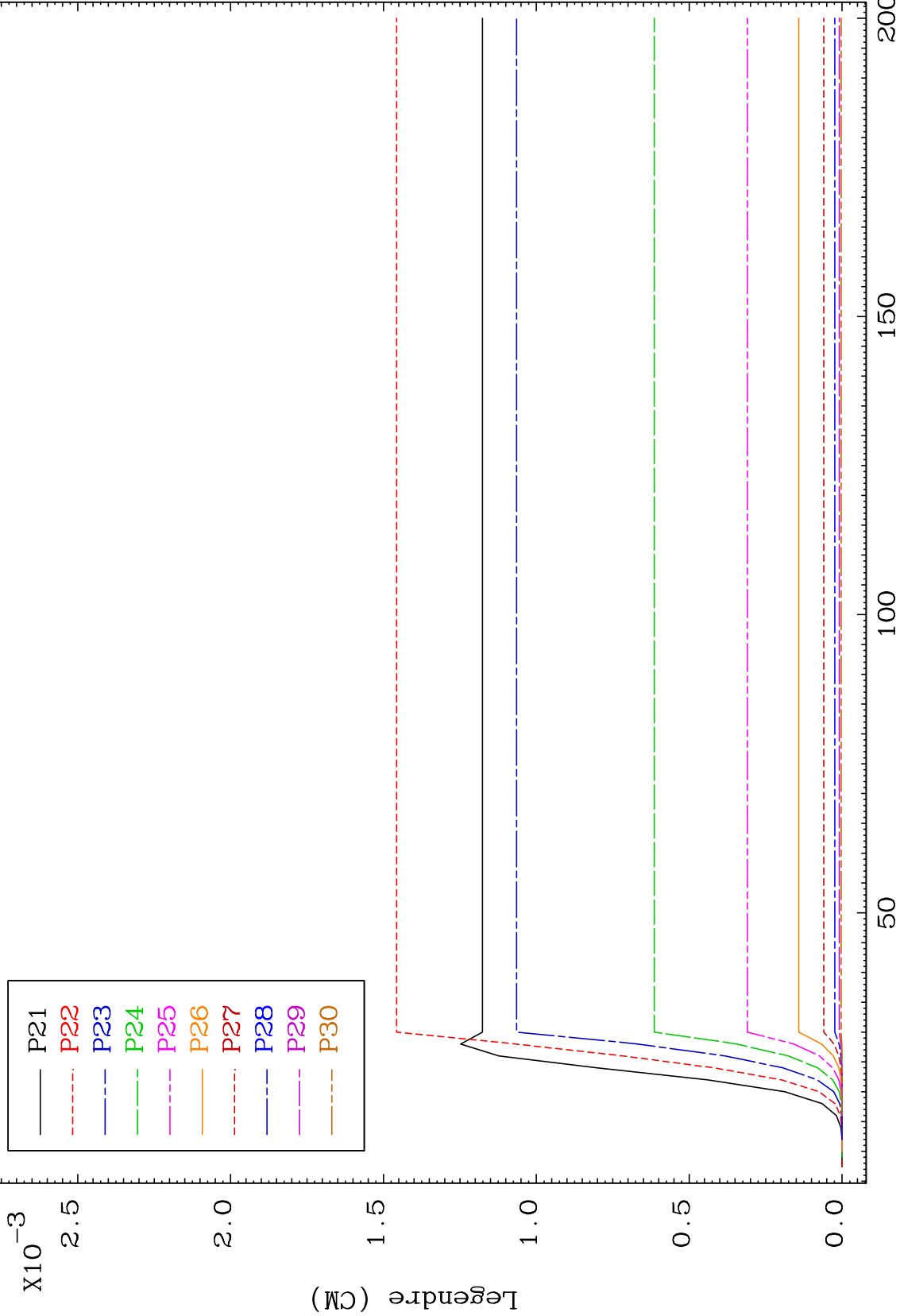
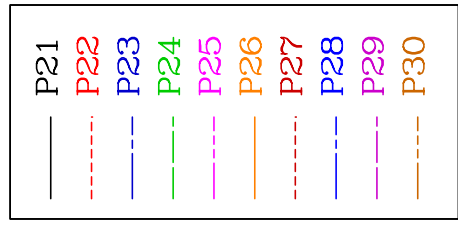




MAT 78222

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

78-Pt-189



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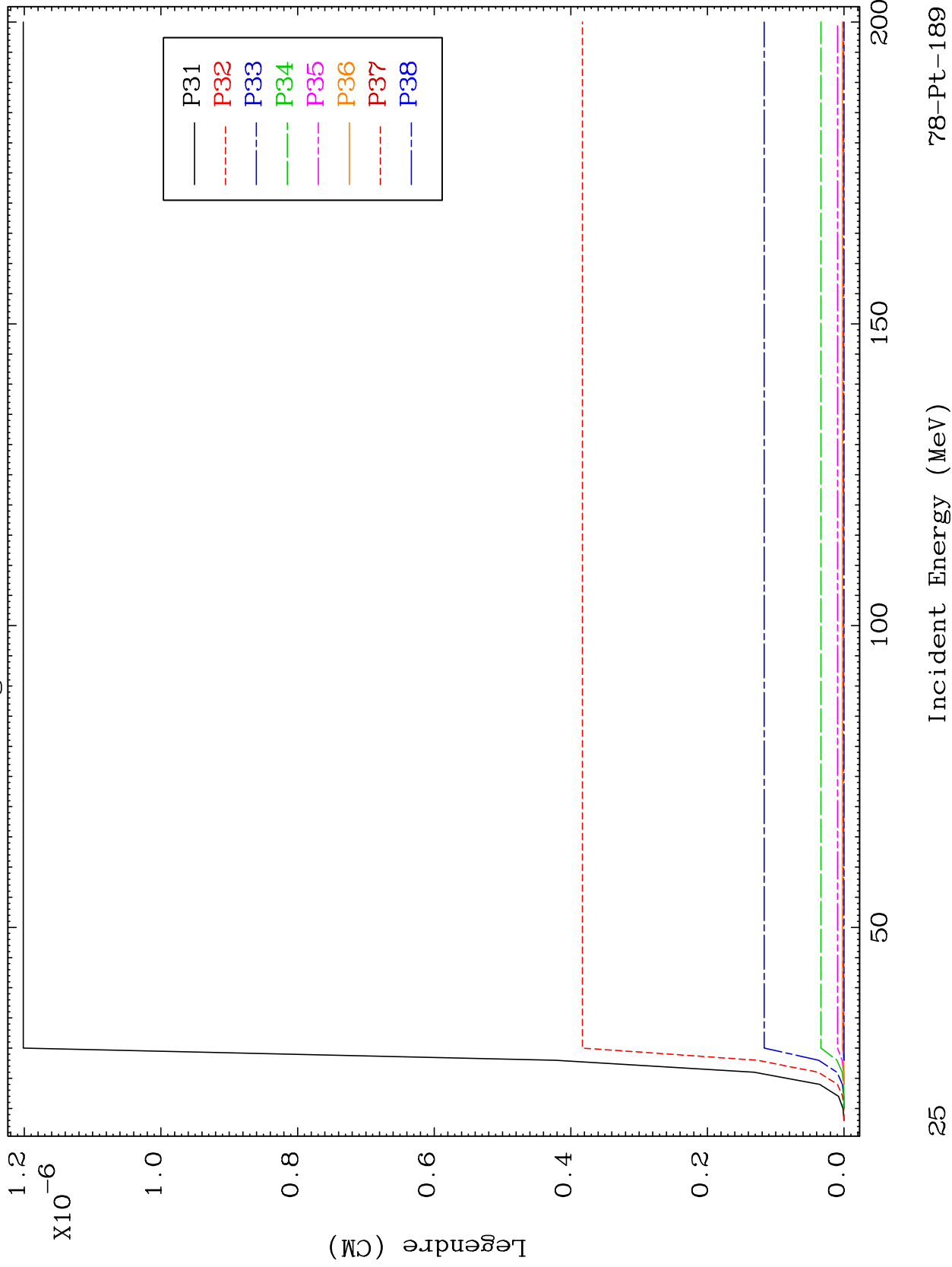
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



78-Pt-189

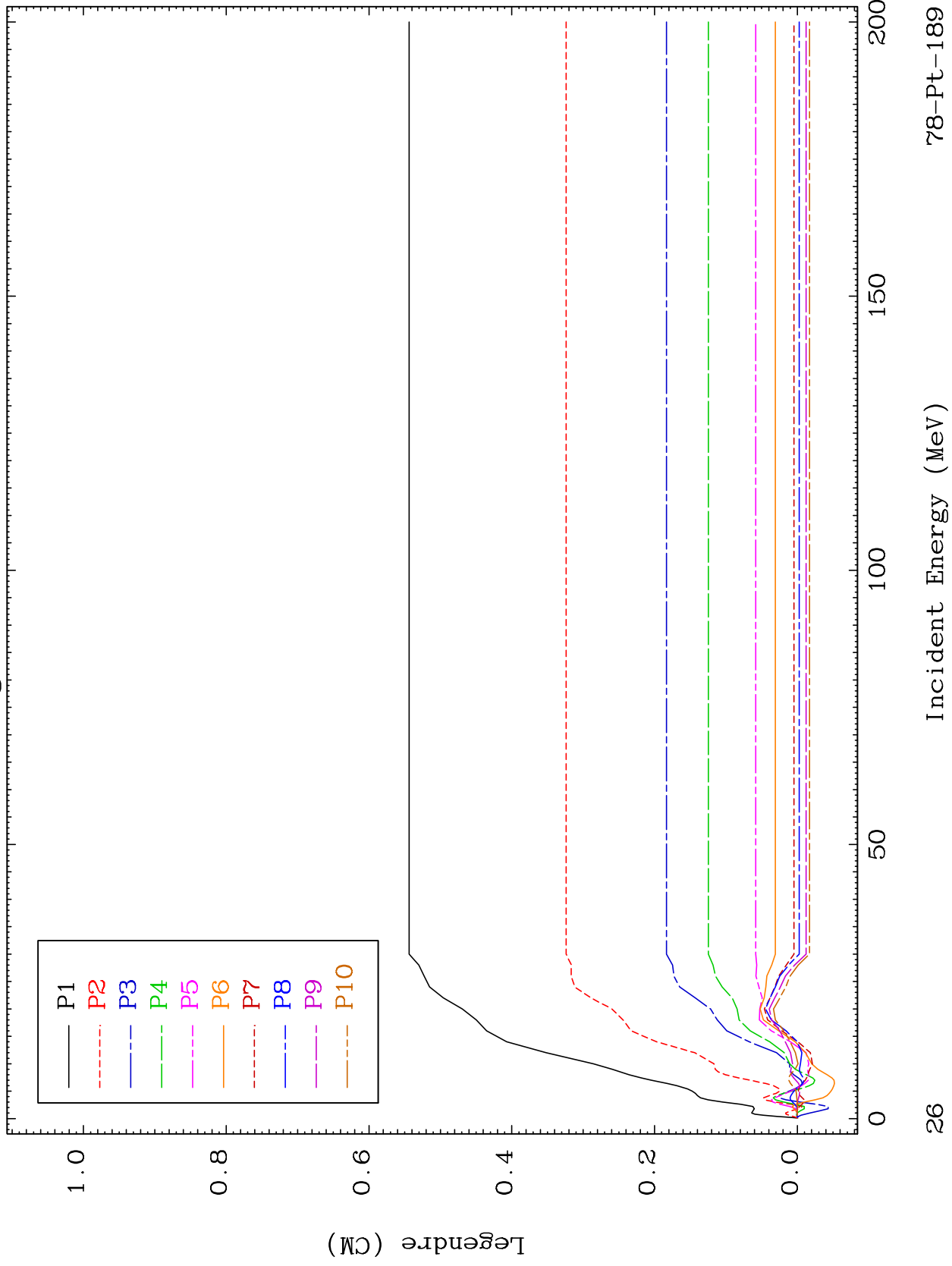
Incident Energy (MeV)

25

MAT 7822

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

78-Pt-189



78-Pt-189

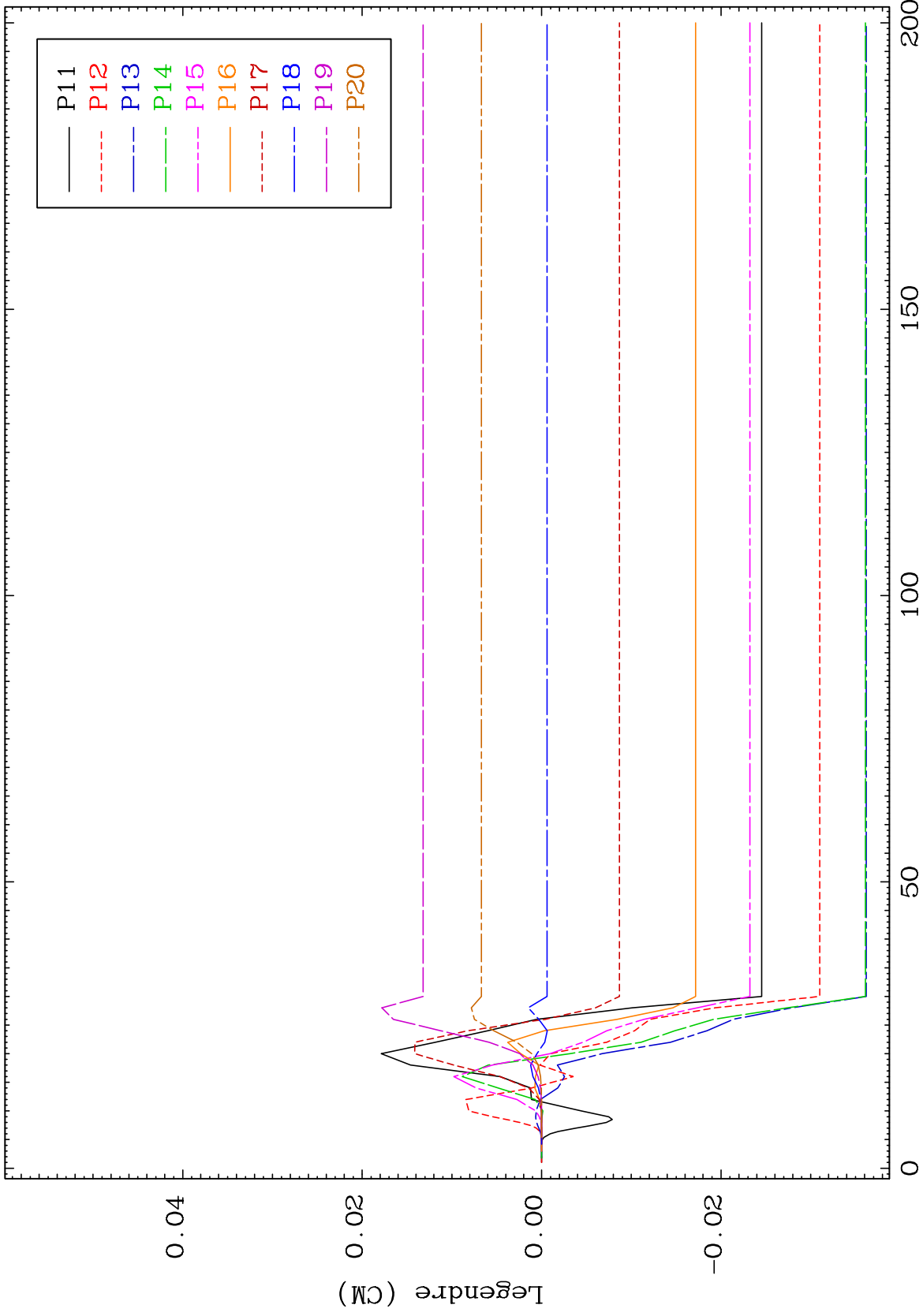
Incident Energy (MeV)

26

MAT 7822

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

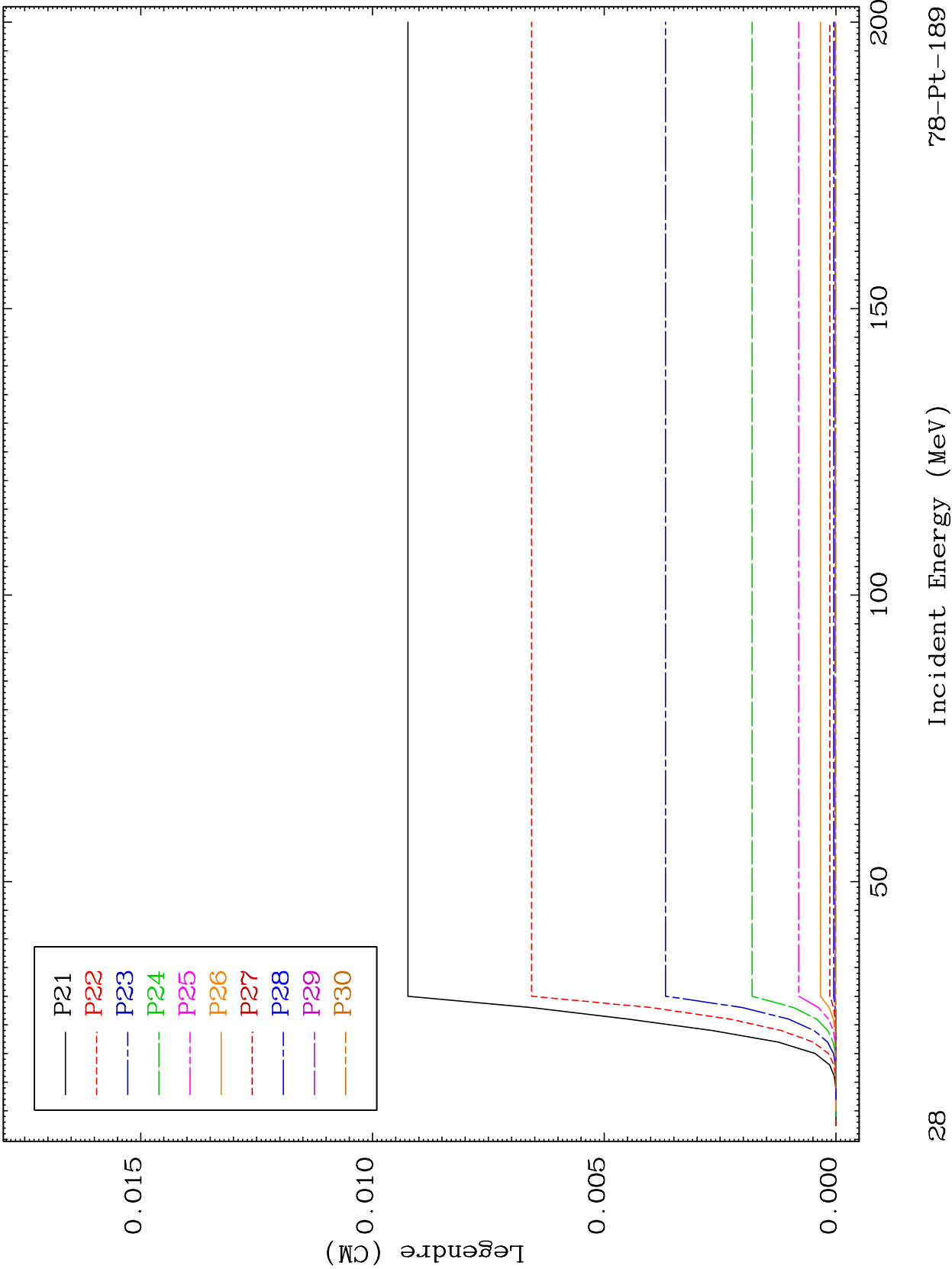
78-Pt-189



27

Incident Energy (MeV)

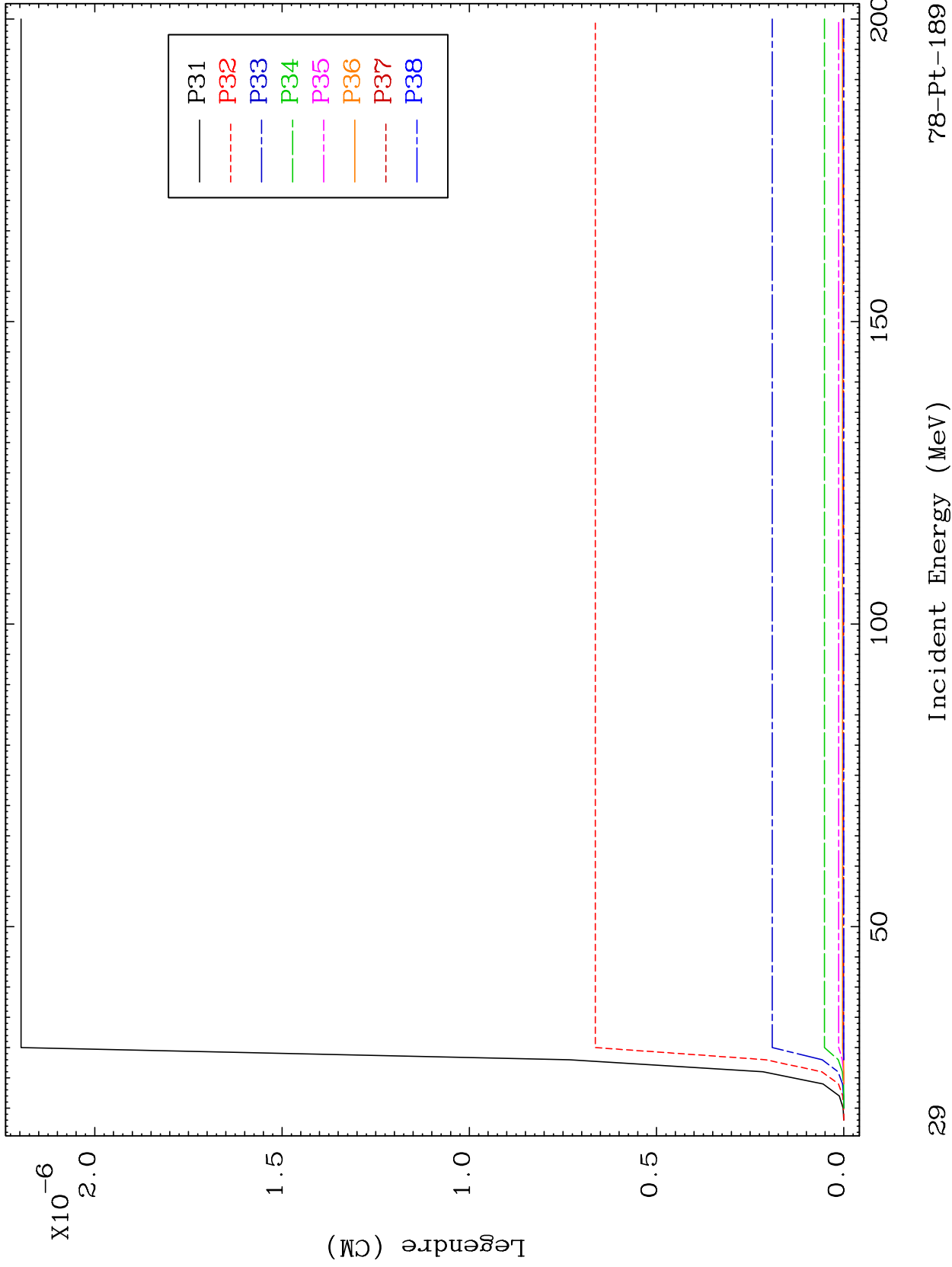
78-Pt-189



MAT 7822

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

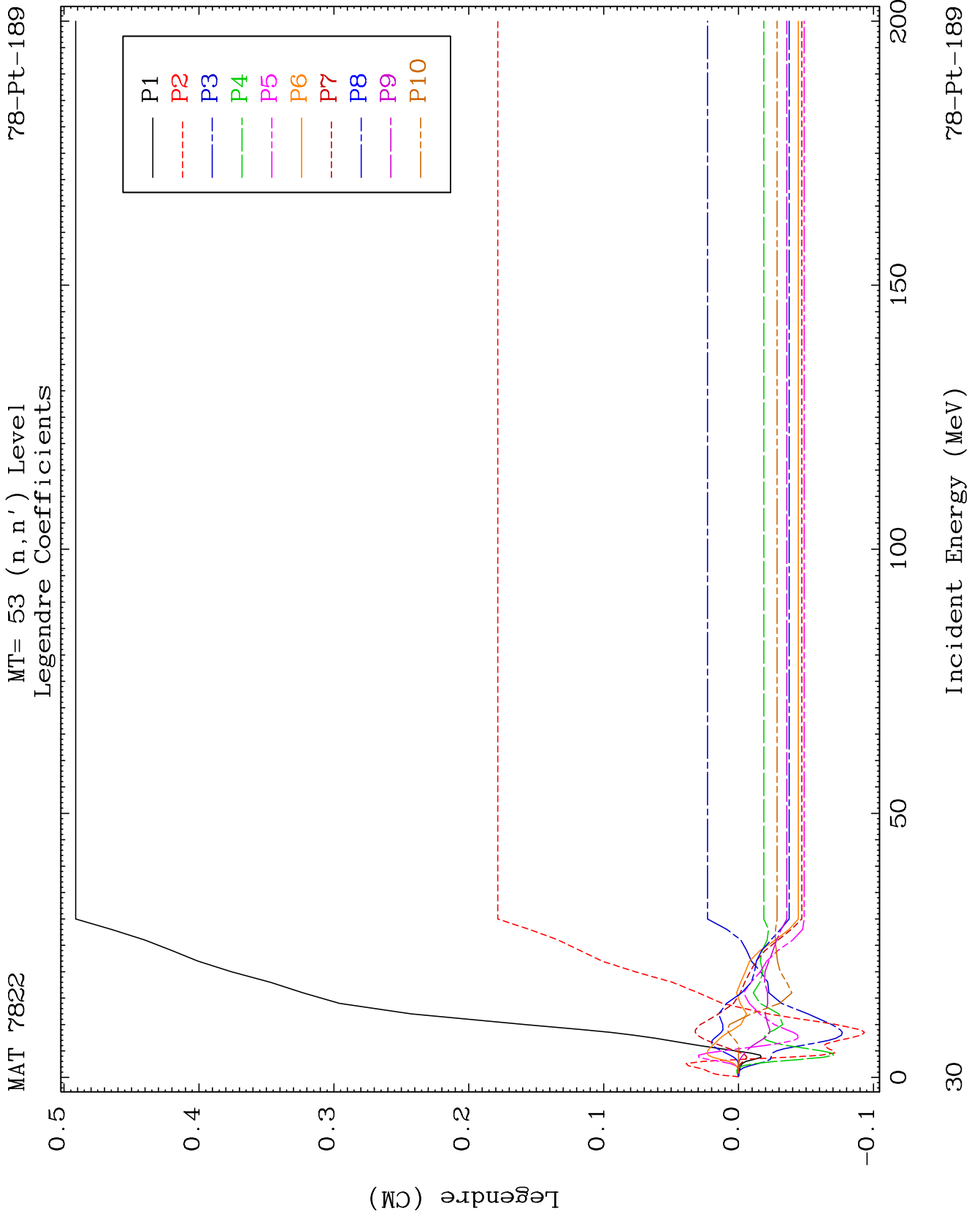
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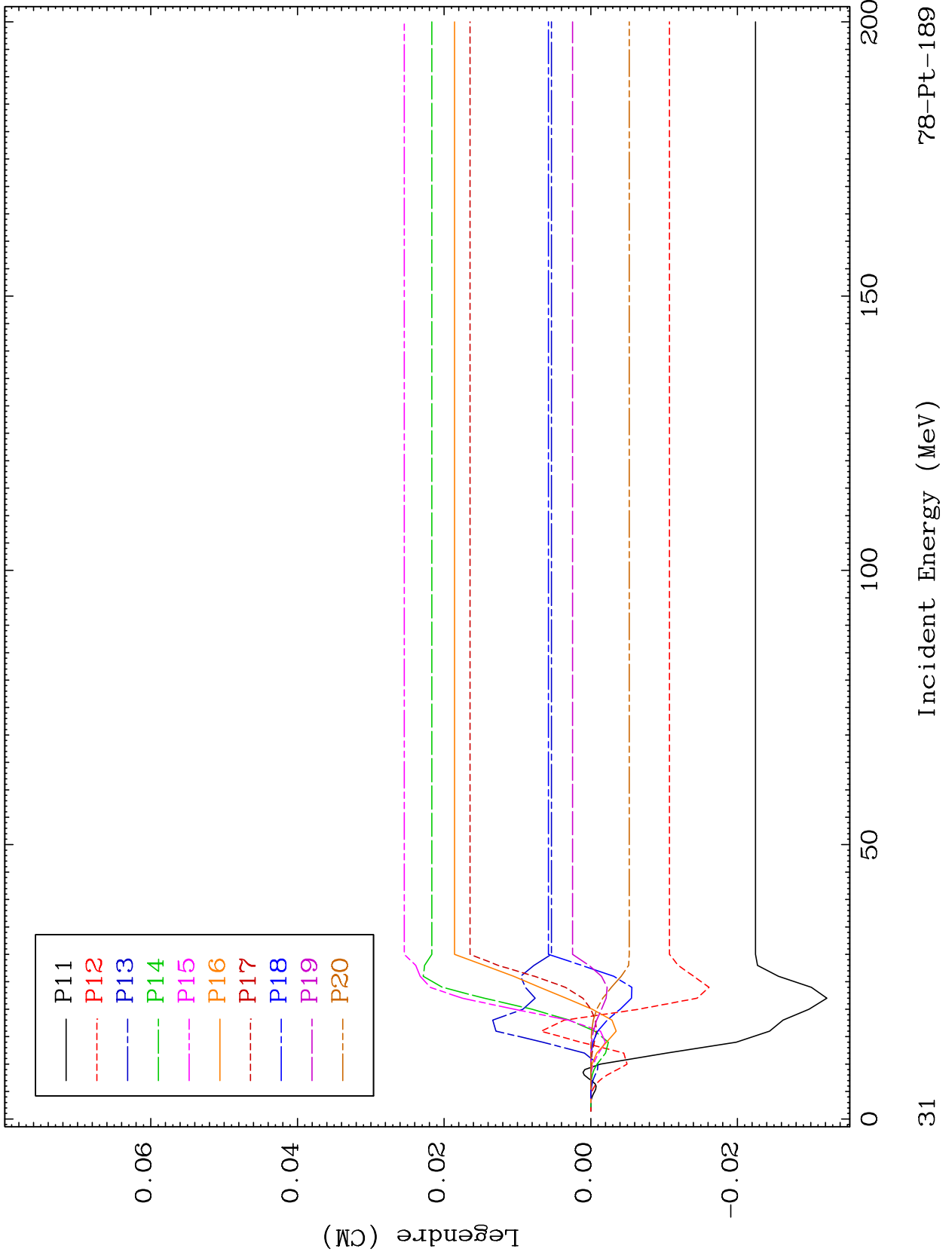


29

Incident Energy (MeV)

78-Pt-189



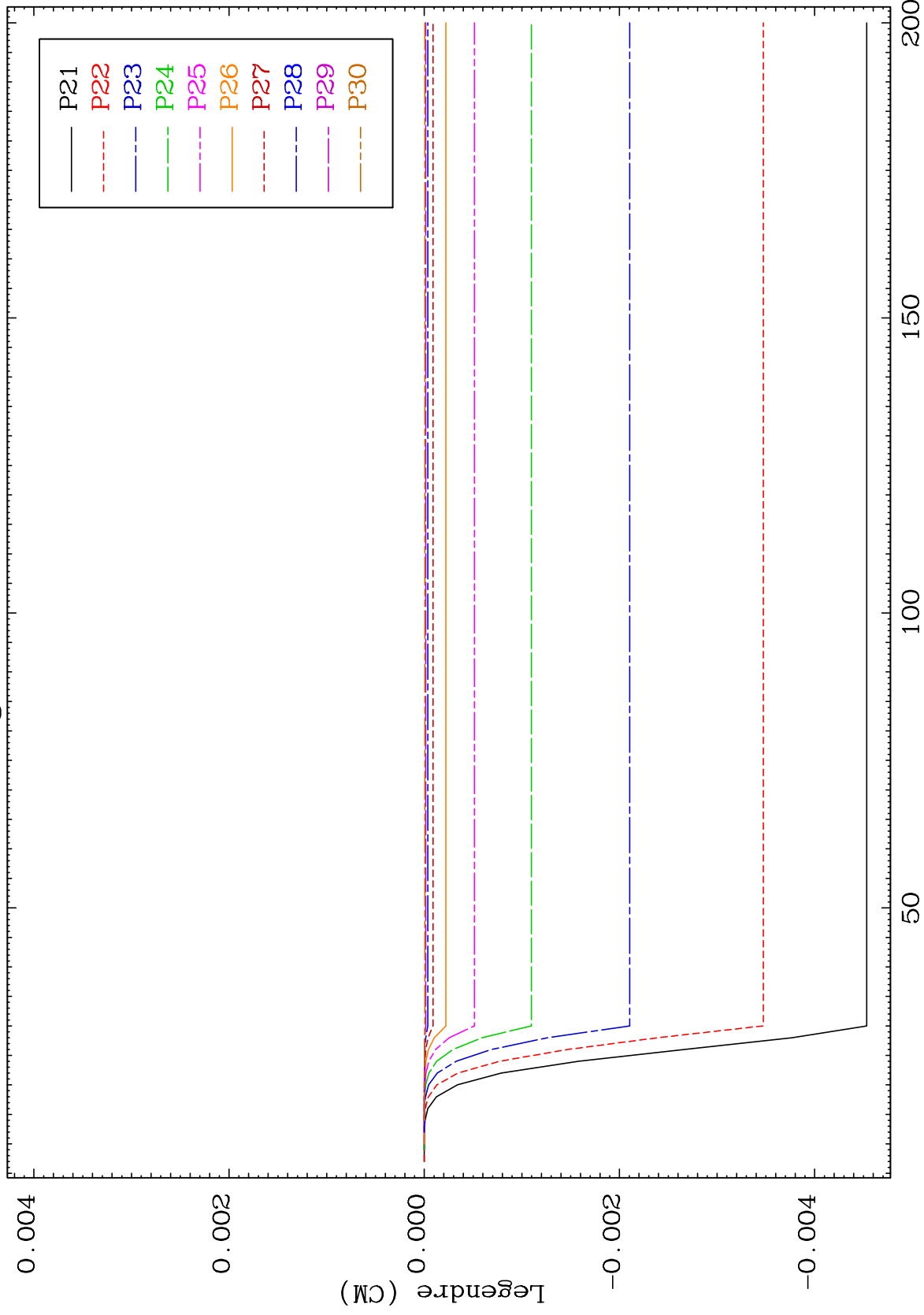




MAT 7822

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

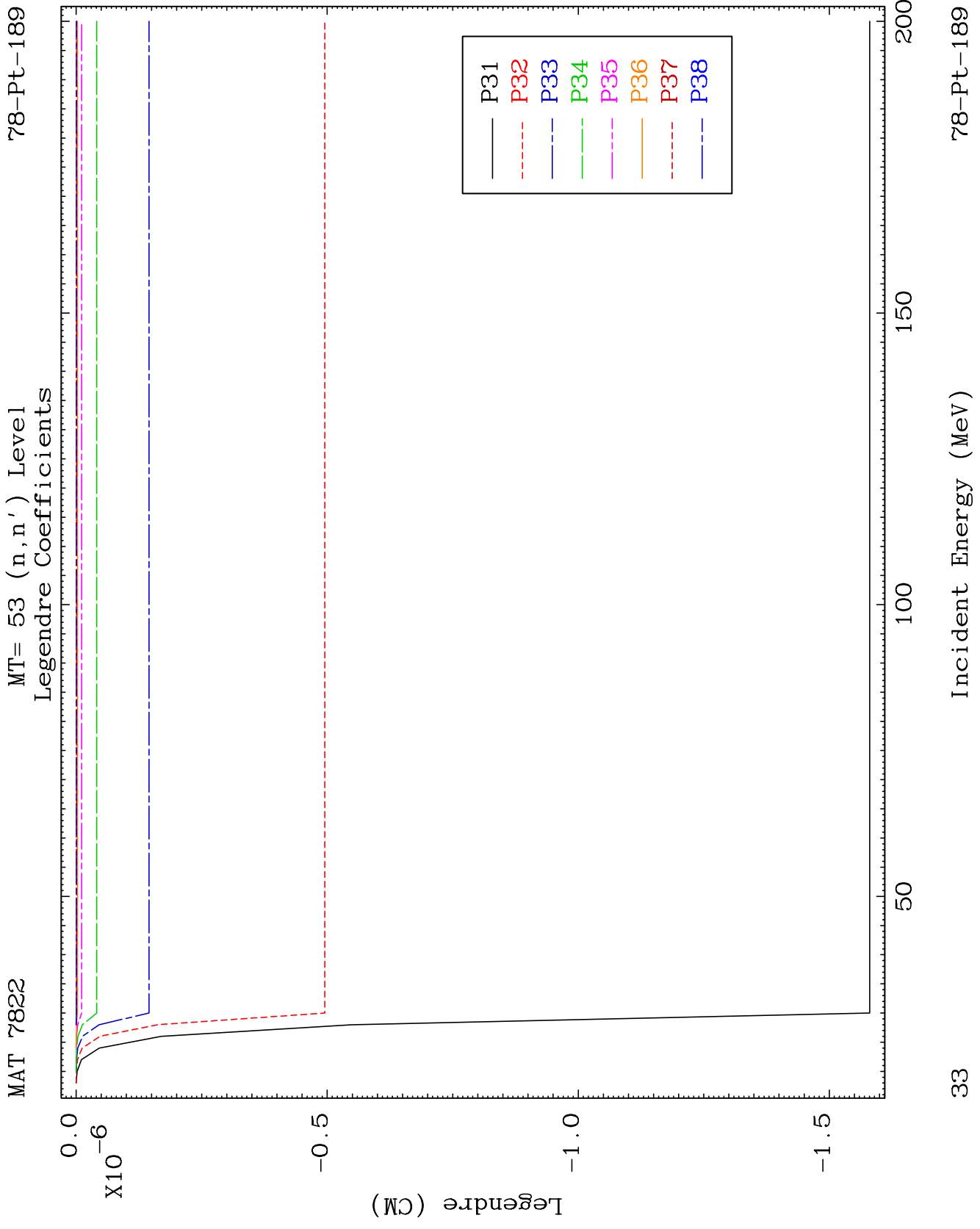
78-Pt-189



32

Incident Energy (MeV)

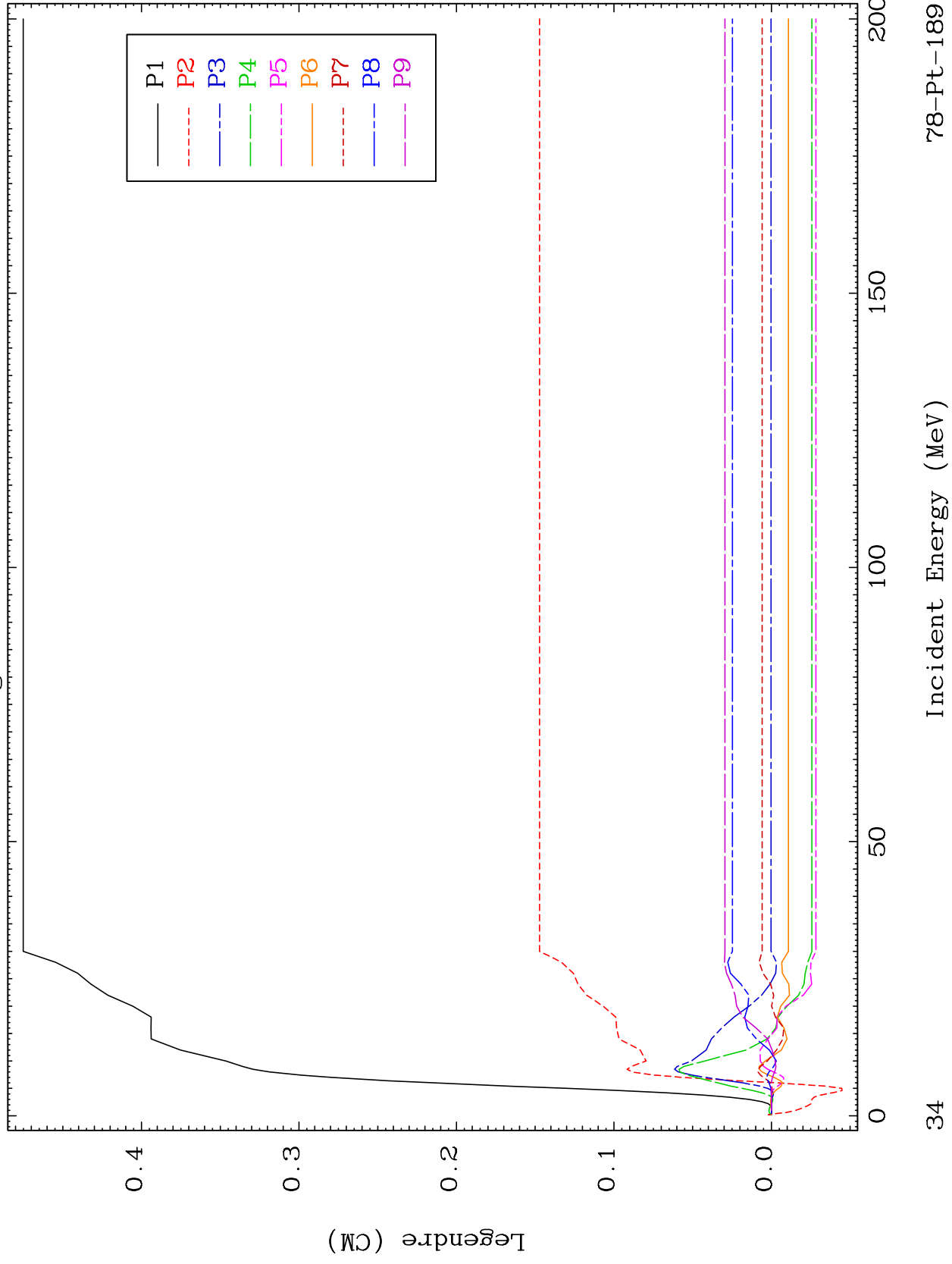
78-Pt-189



MAT 7822

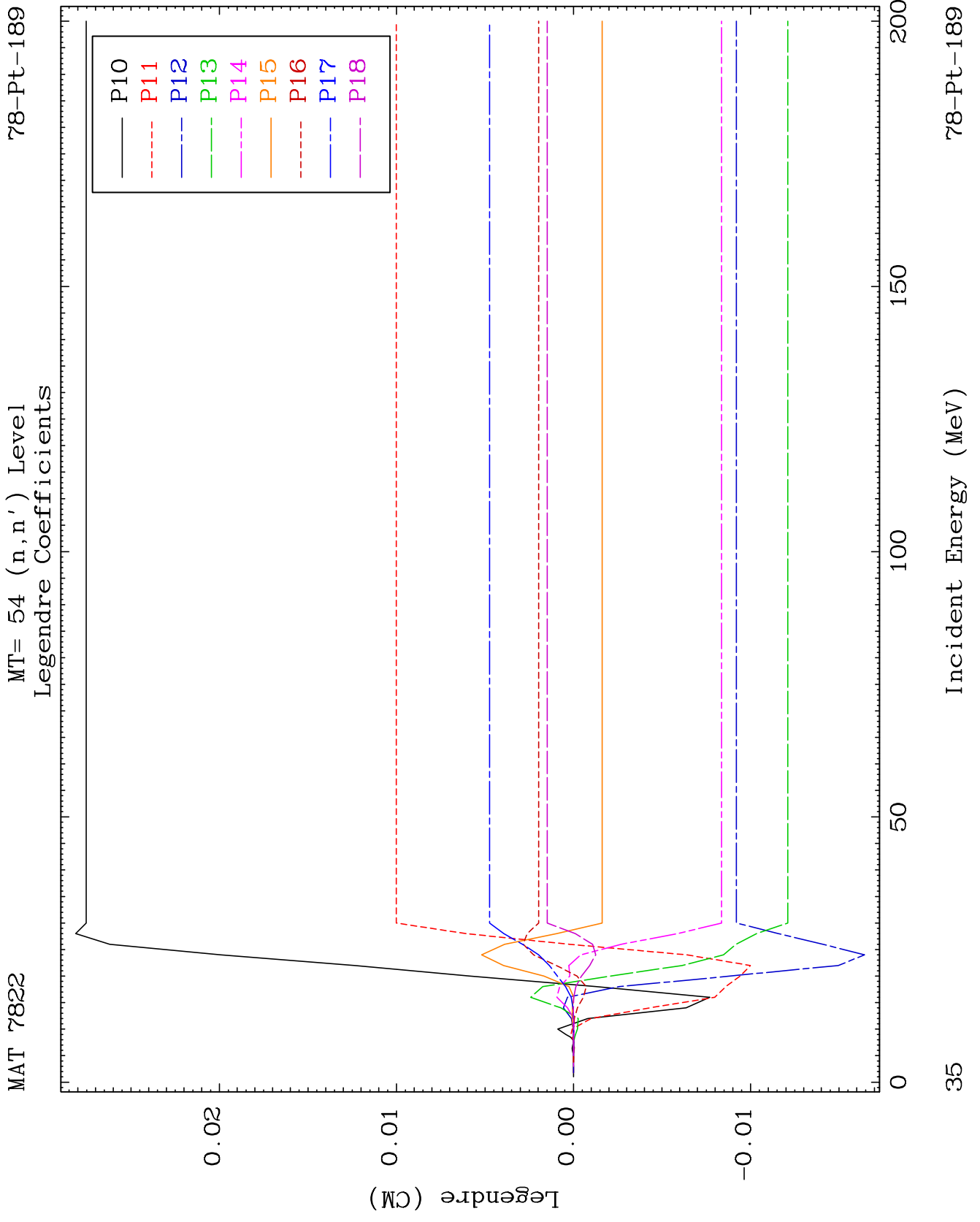
MT= 54 (n,n') Level  
Legendre Coefficients

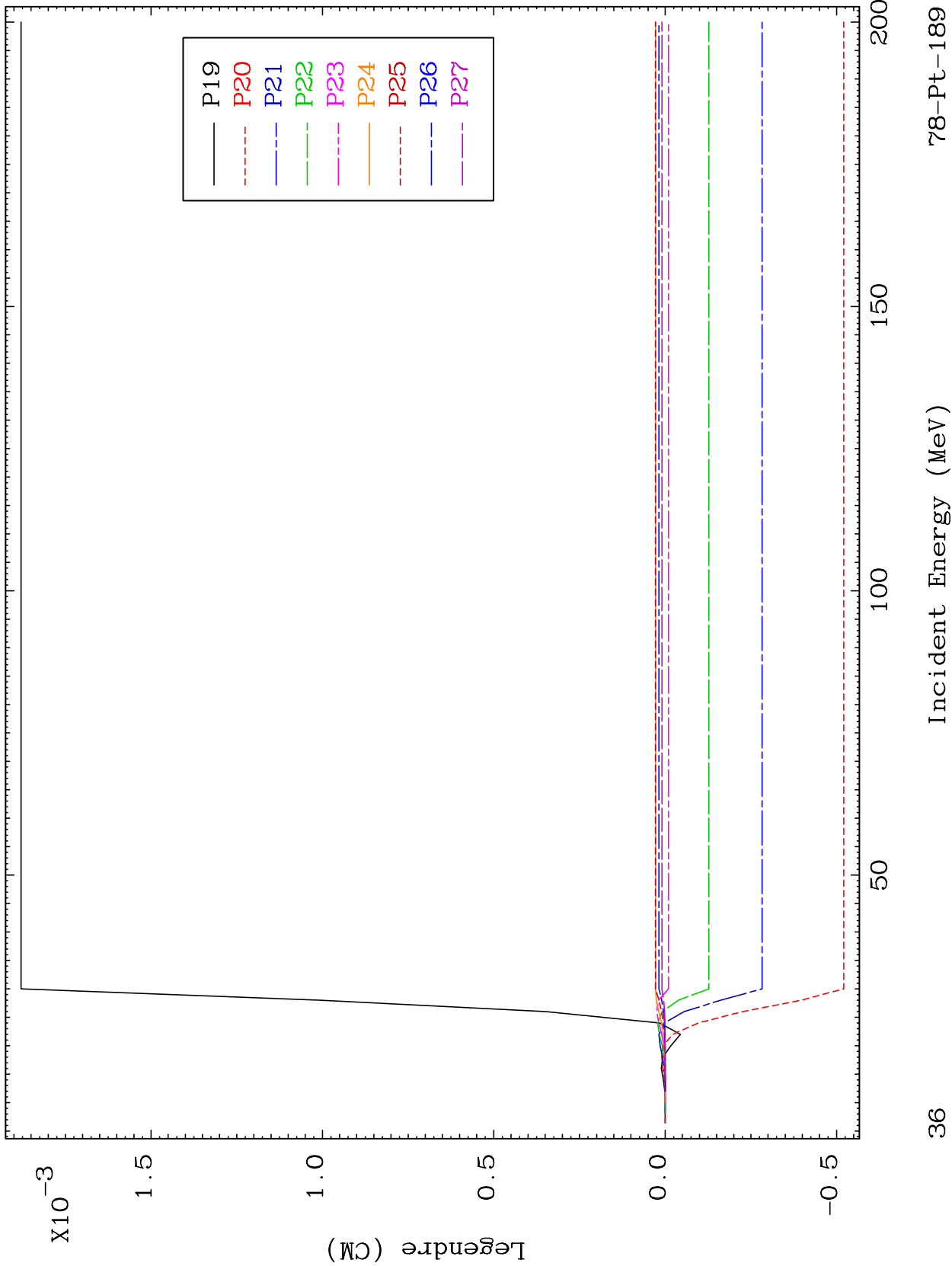
78-Pt-189



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78-Pt-189

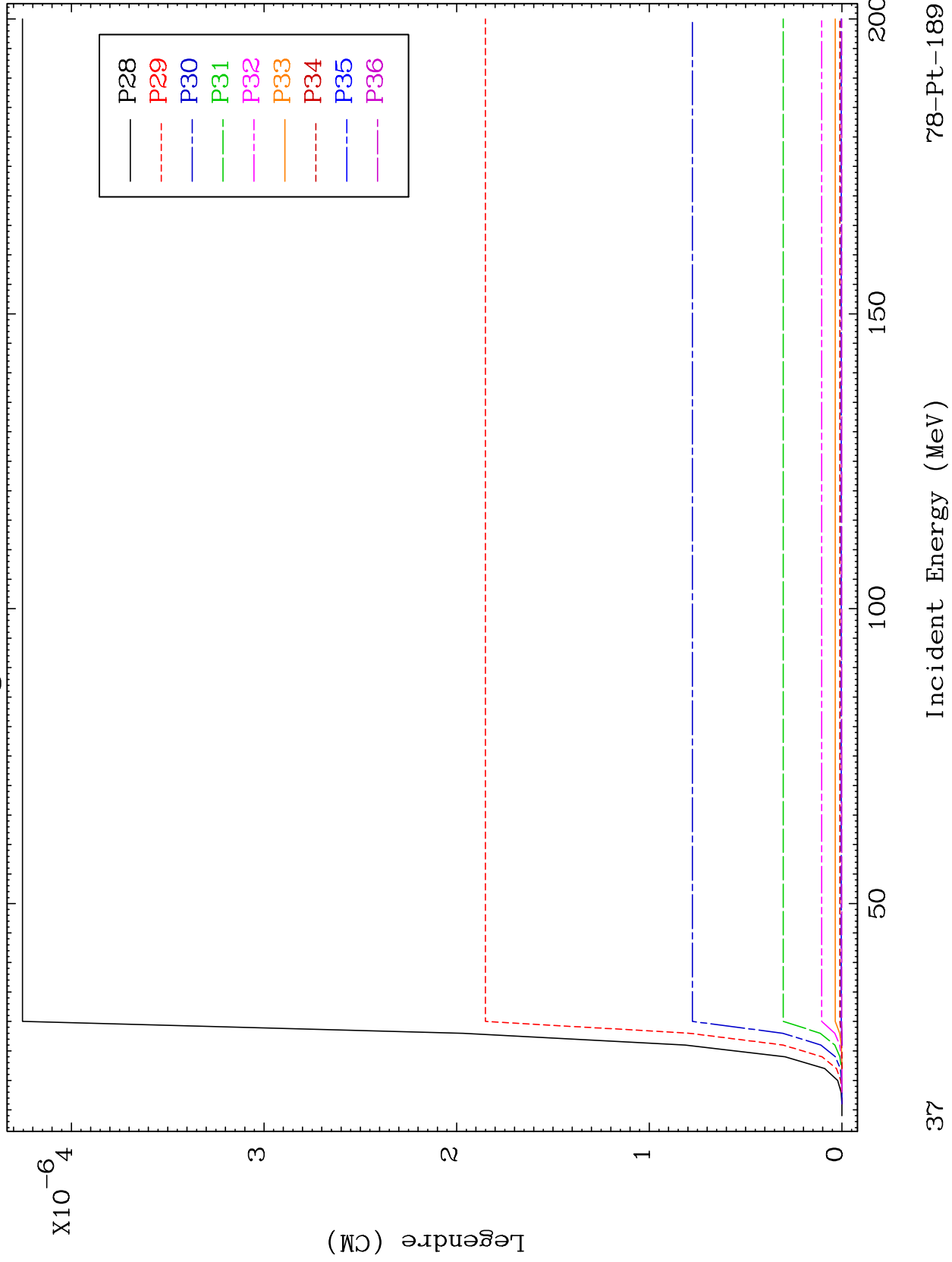




MAT 7822

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

78-Pt-189

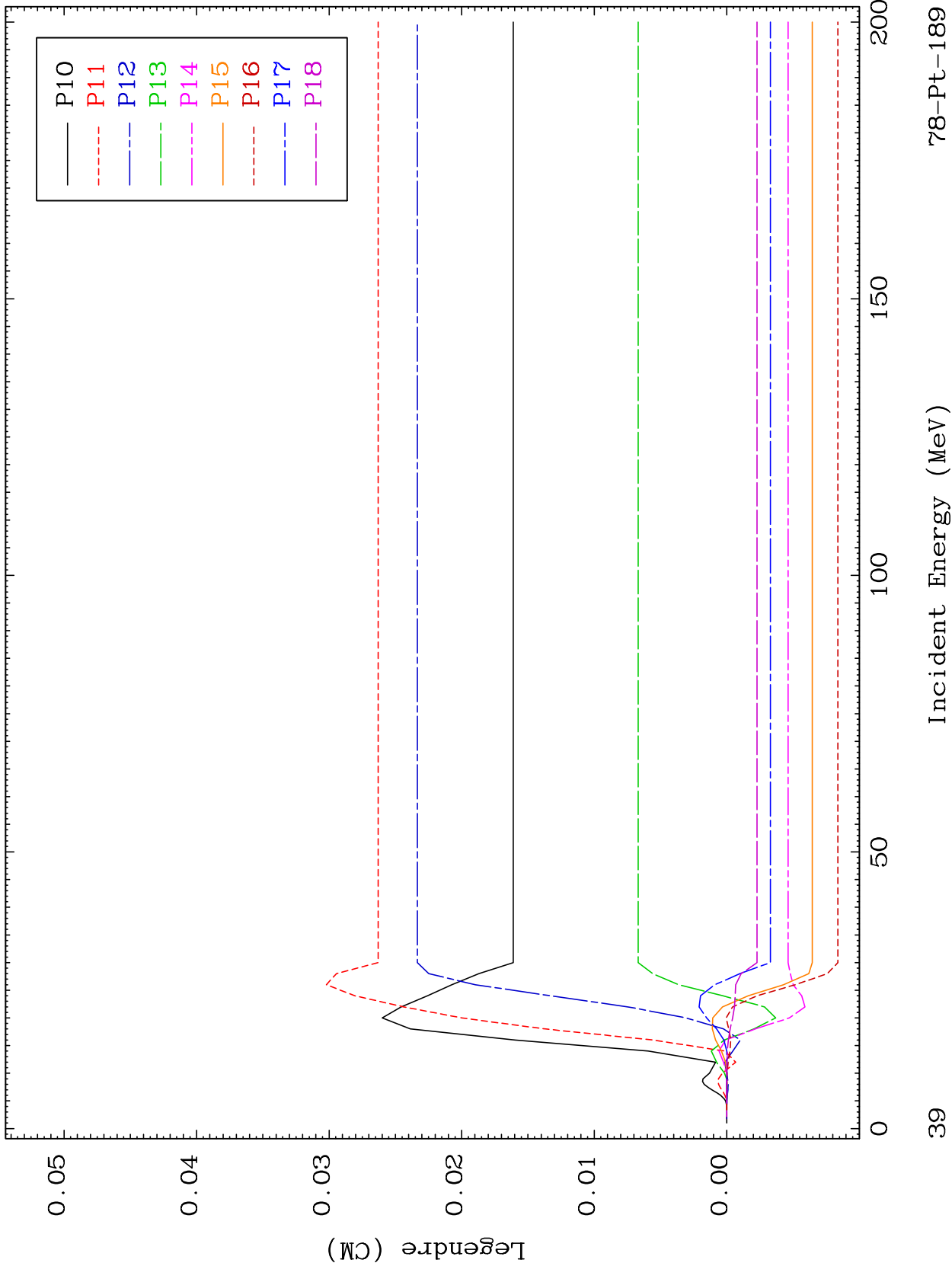




MAT 7822

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

78-Pt-189



39

Incident Energy (MeV)

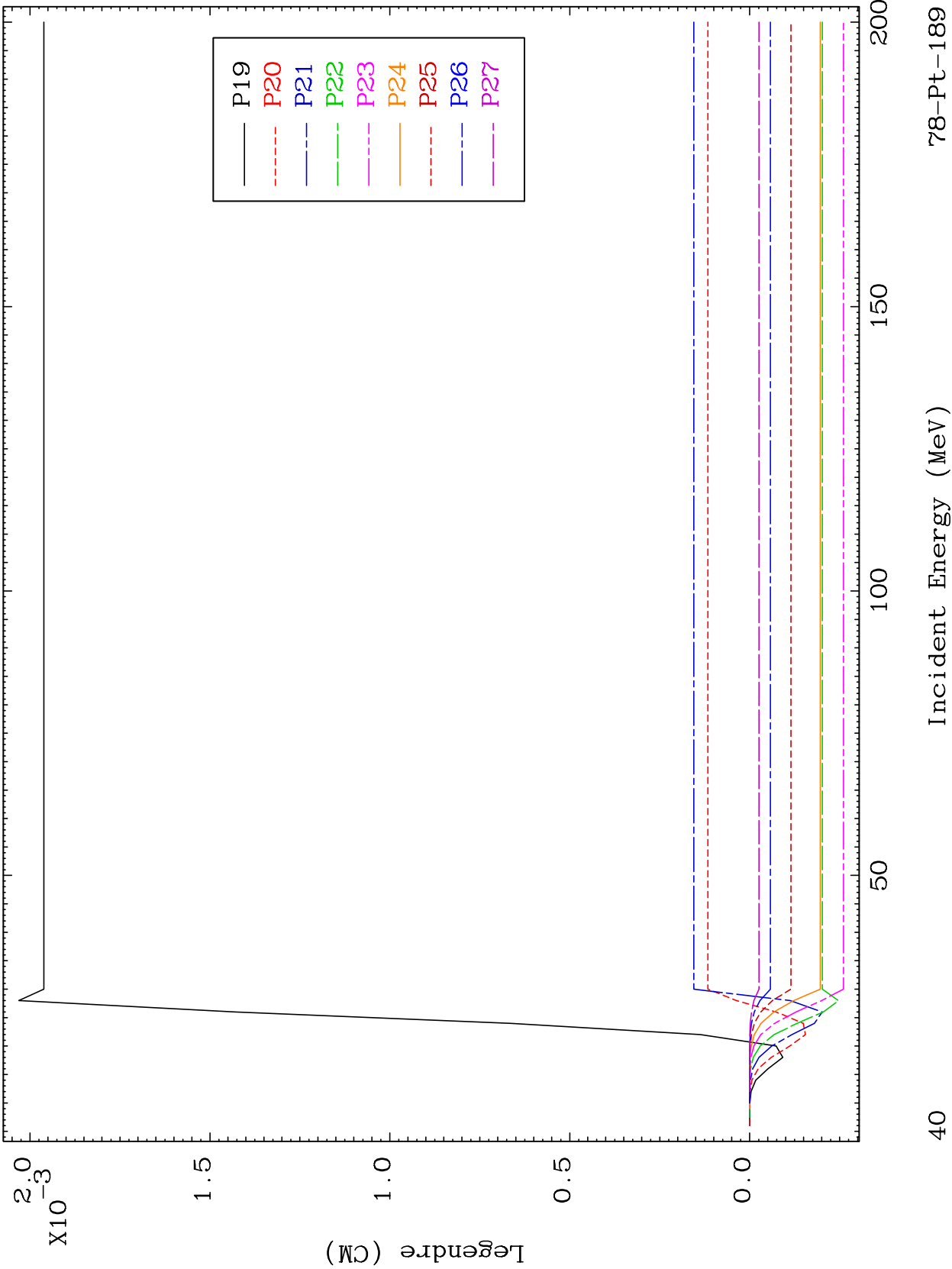
78-Pt-189



MAT 7822

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

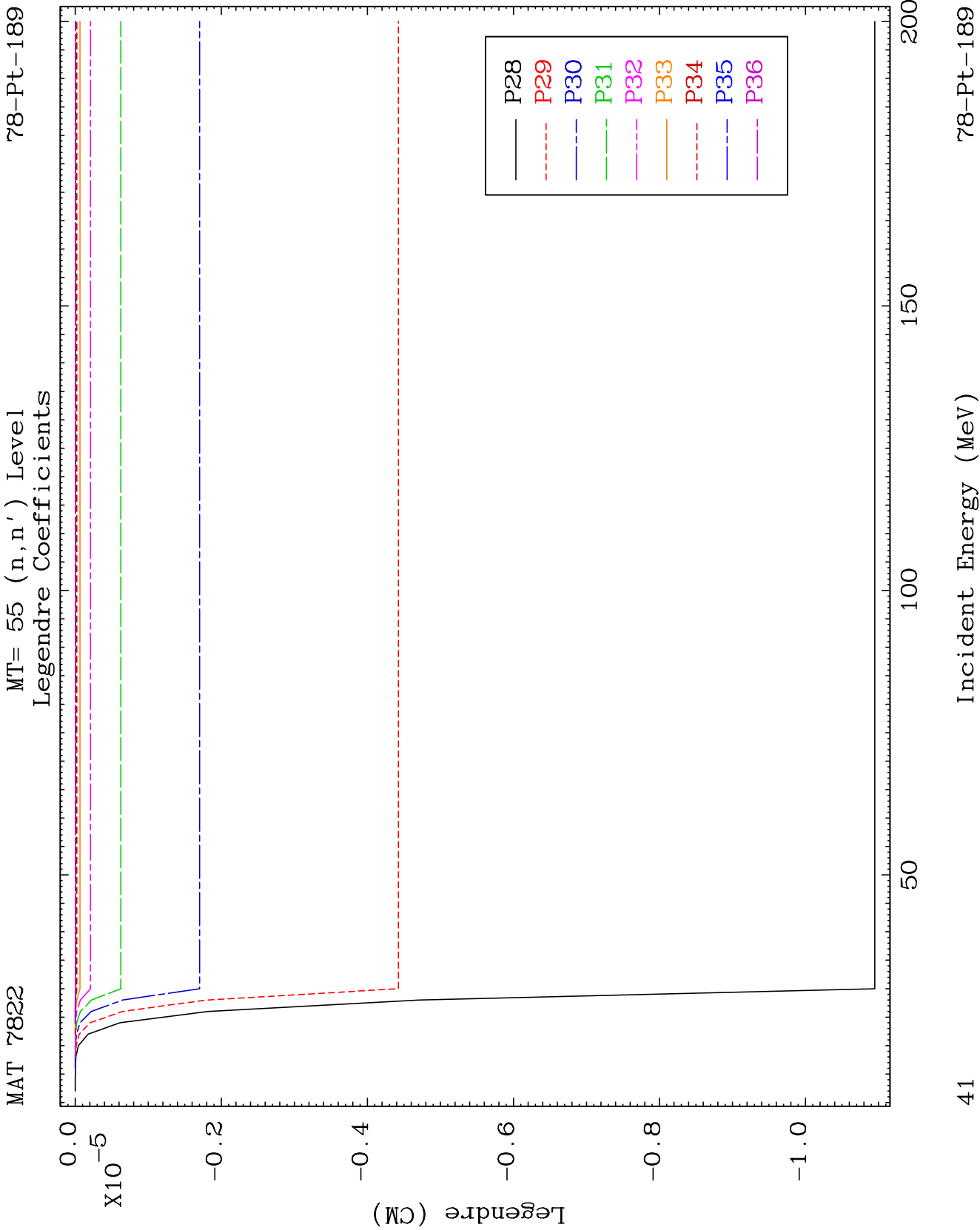
78-Pt-189



40

Incident Energy (MeV)

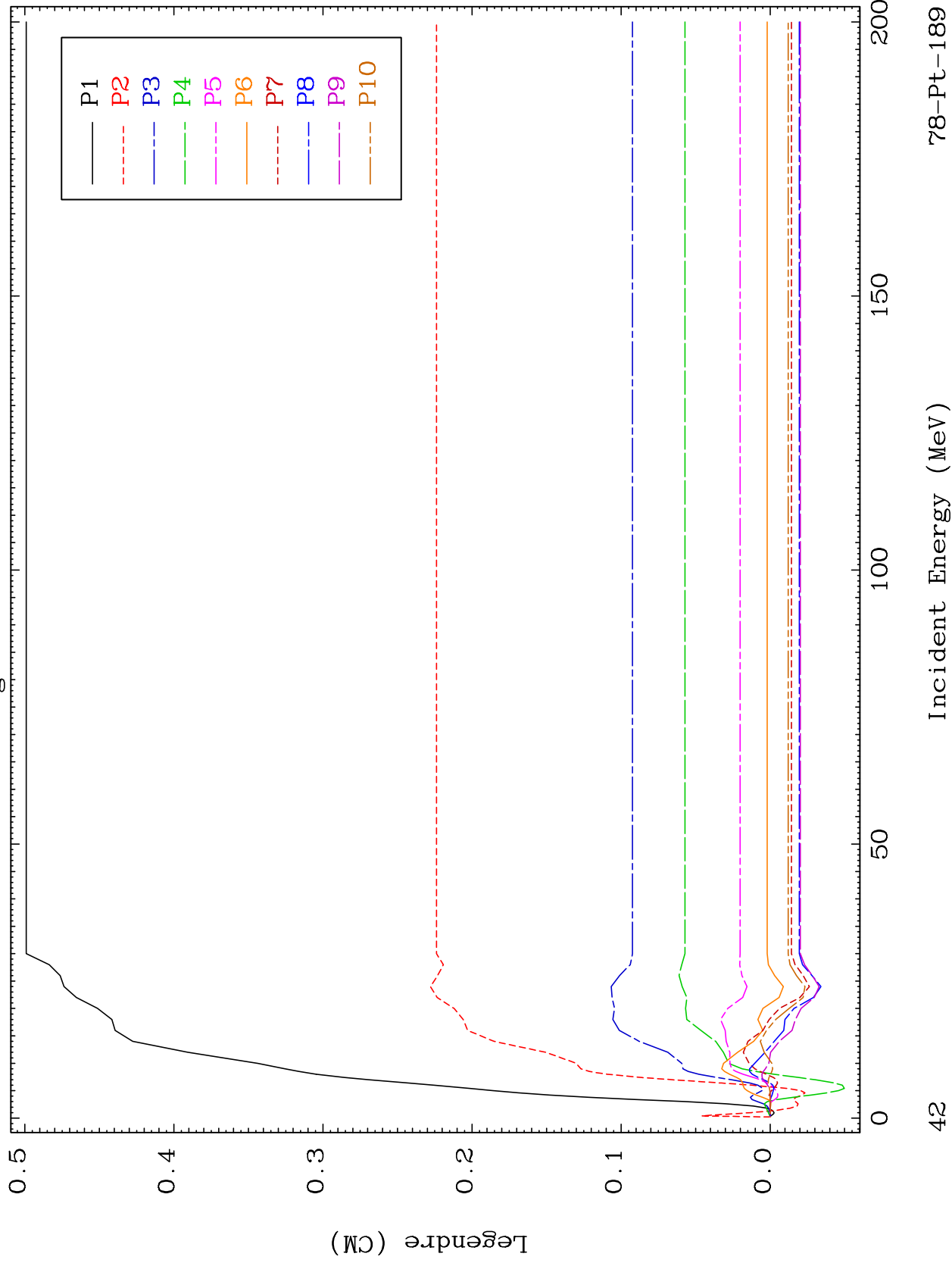
78-Pt-189



MAT 7822

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

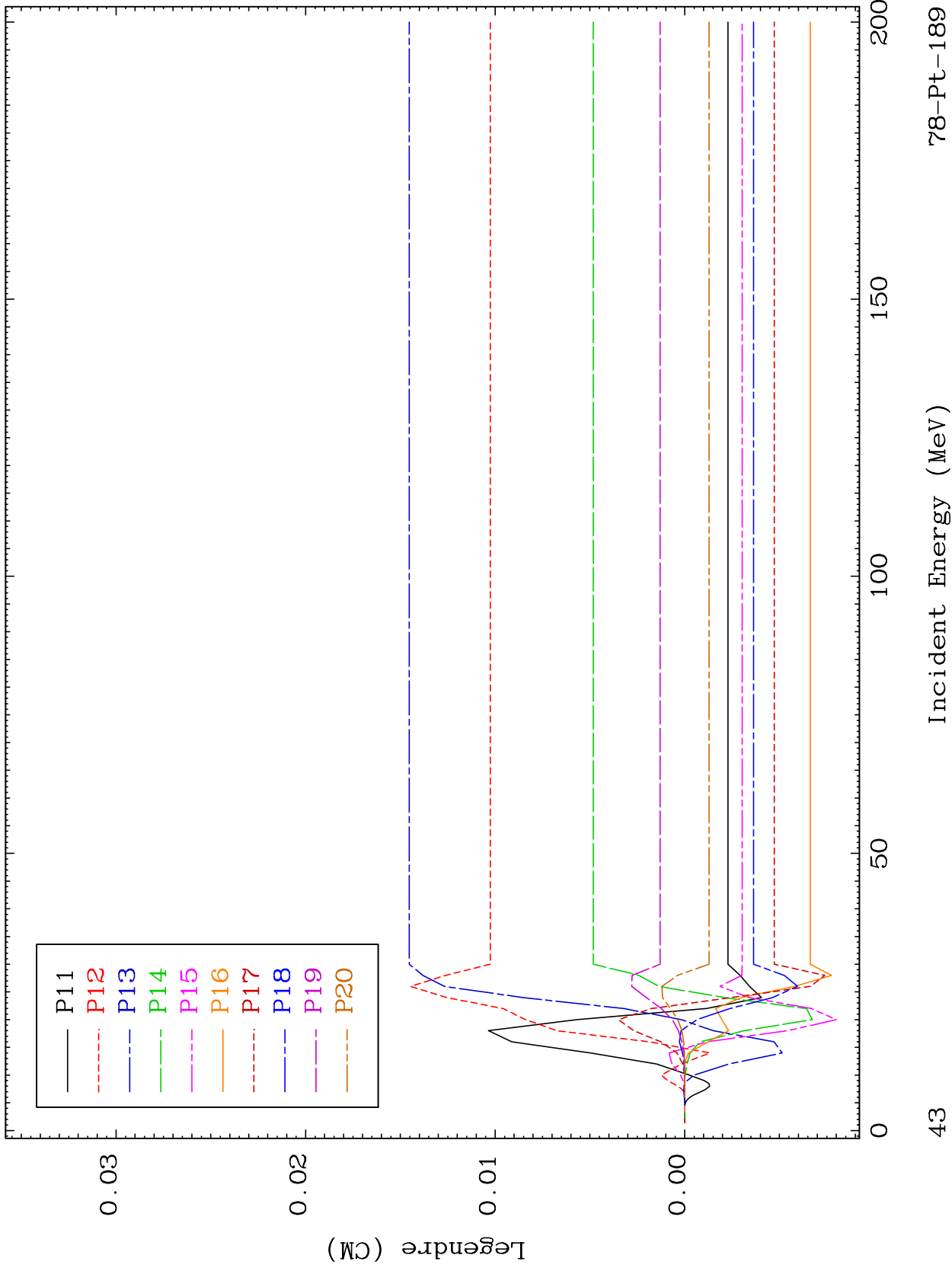
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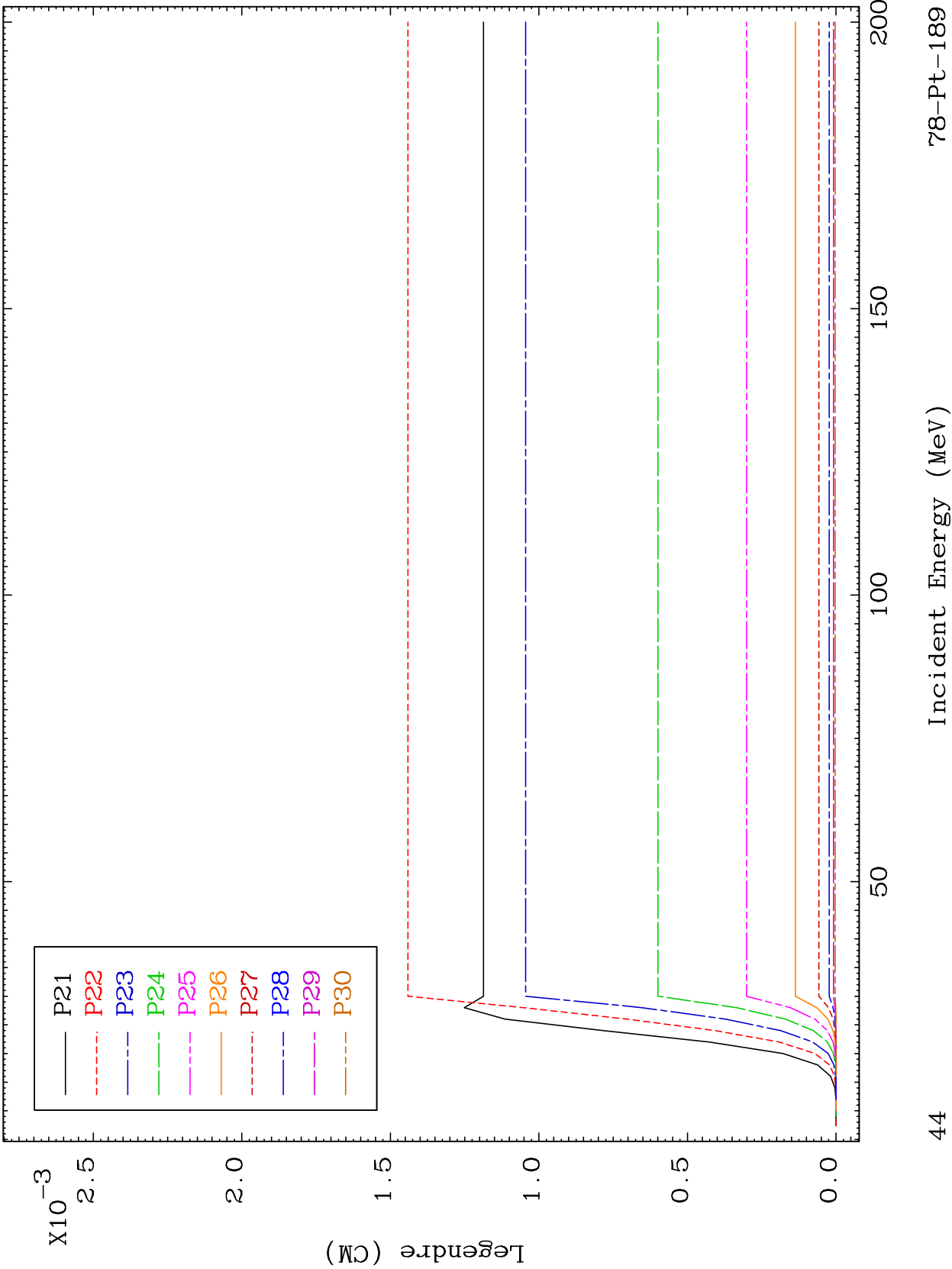


MAT 7822

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

78-Pt-189

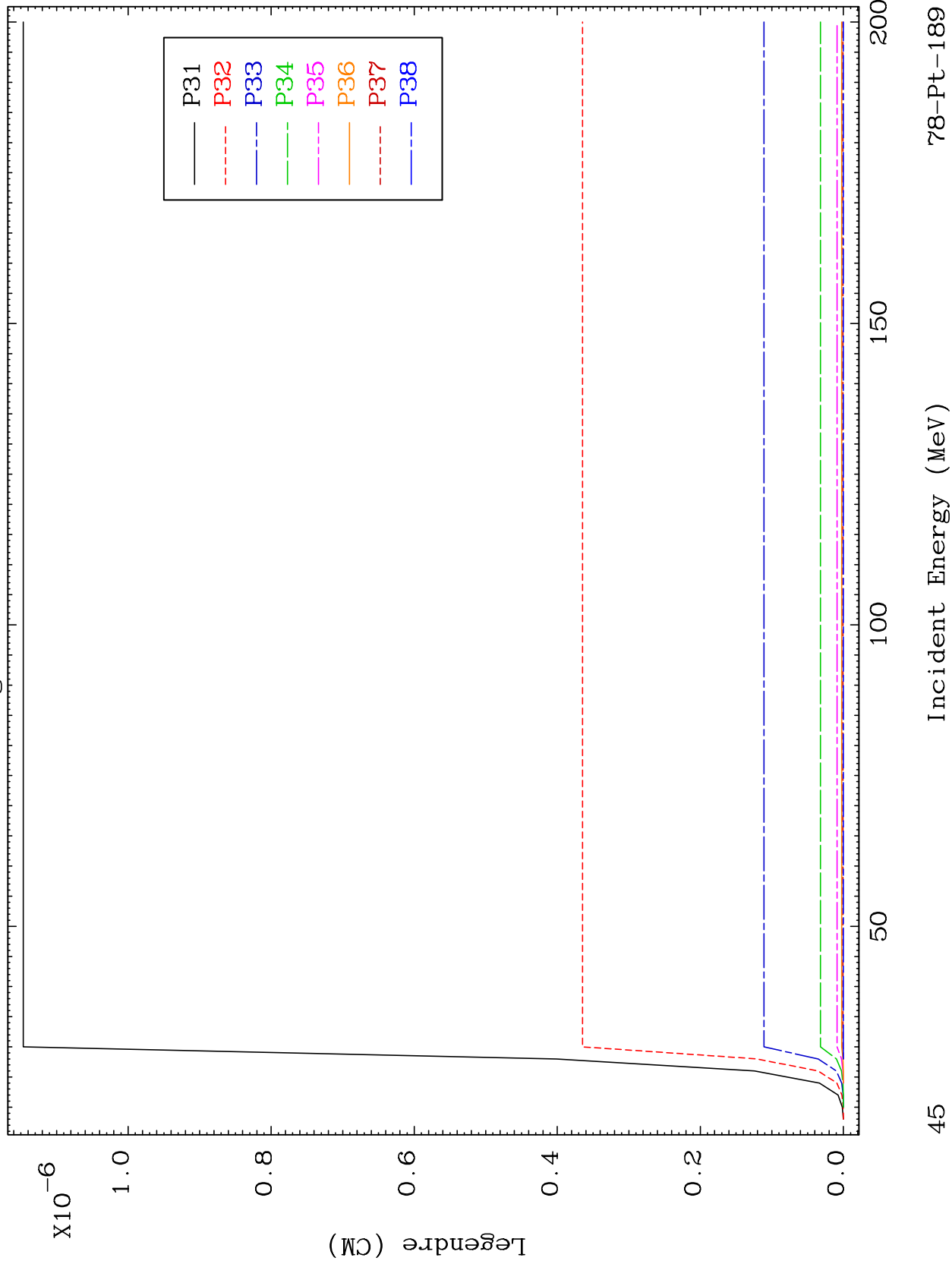




MAT 7822

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

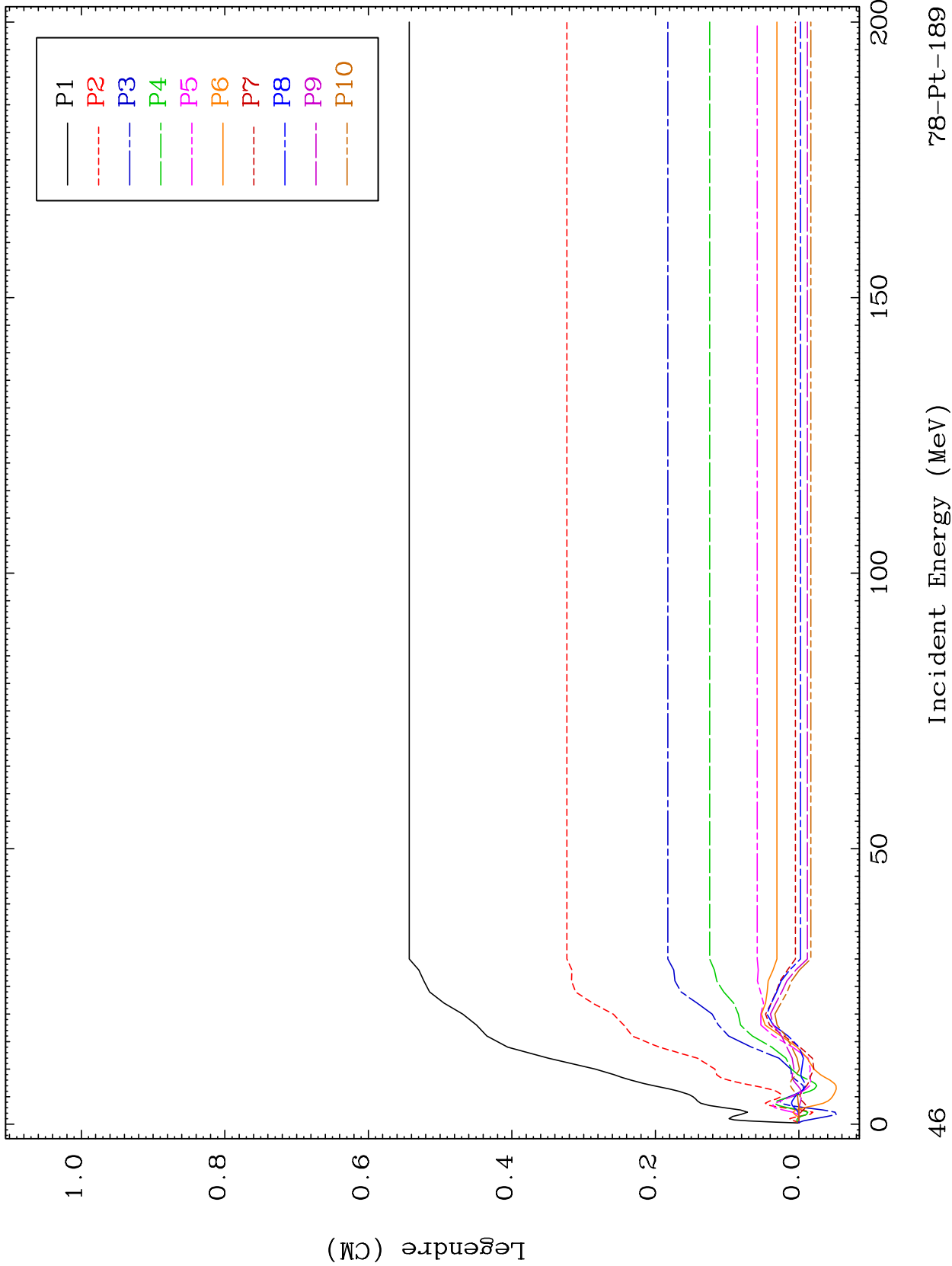
78-Pt-189



MAT 7822

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

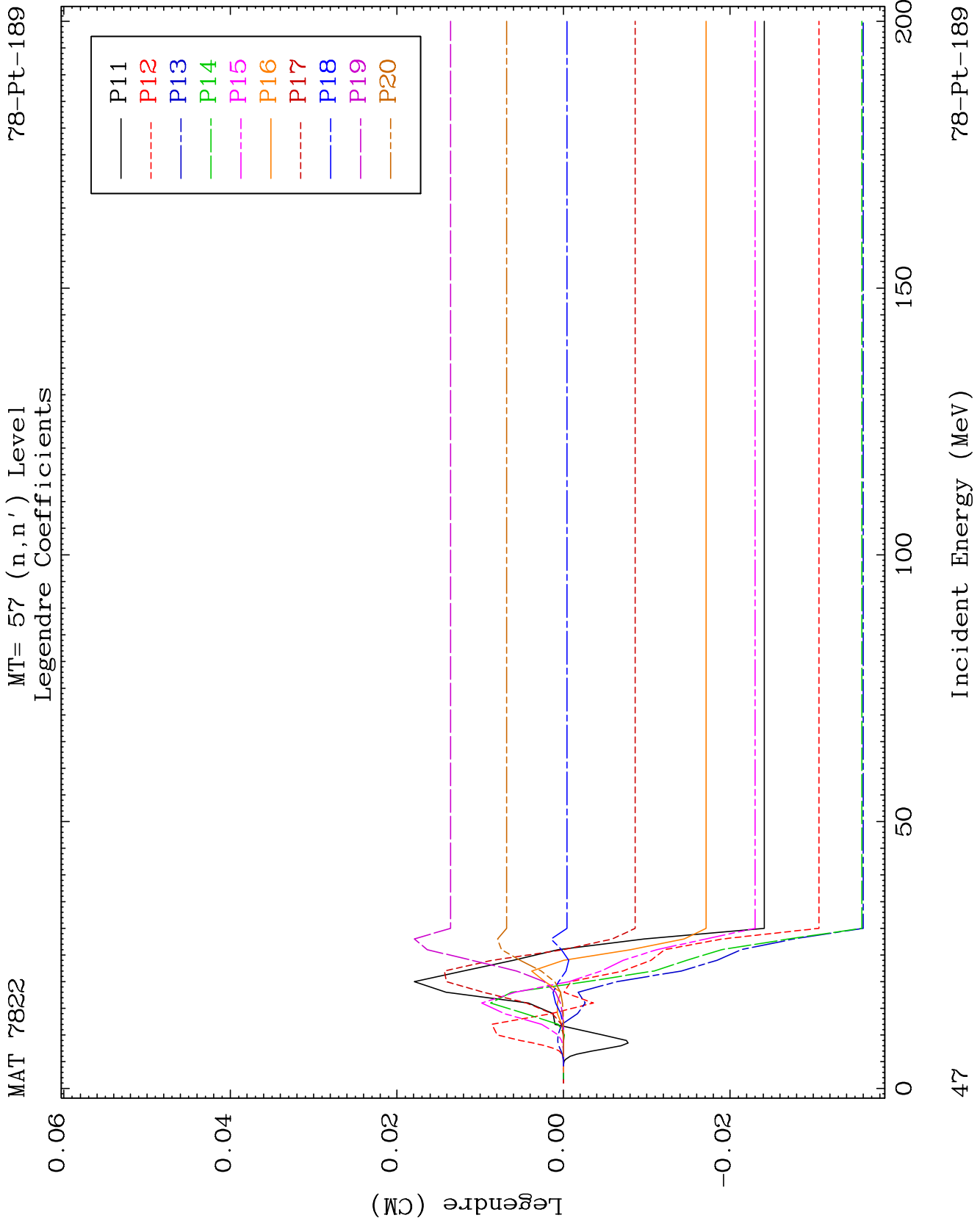
78-Pt-189



78-Pt-189

Incident Energy (MeV)

46

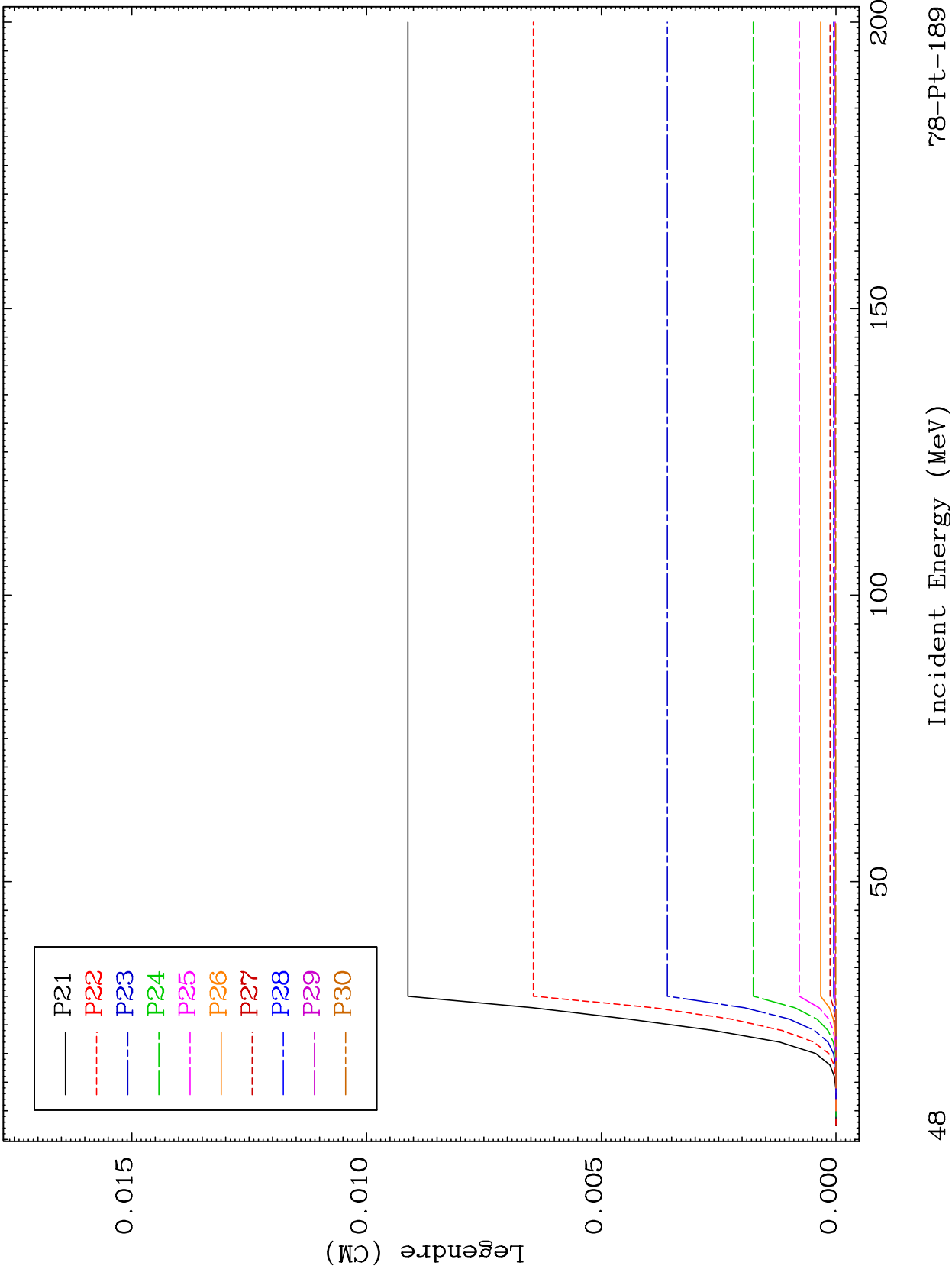




MAT 78222

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

78-Pt-189



48

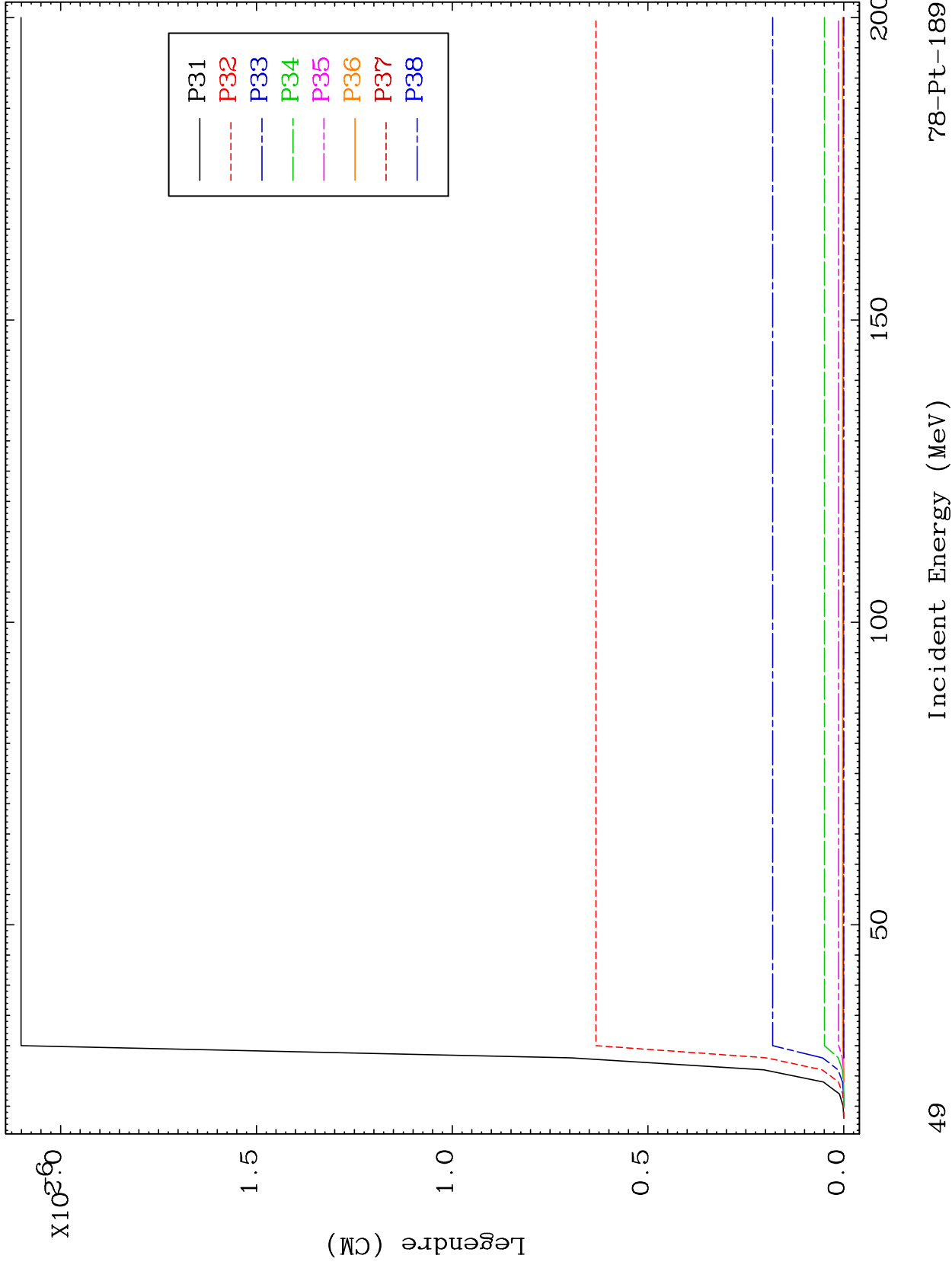
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



49

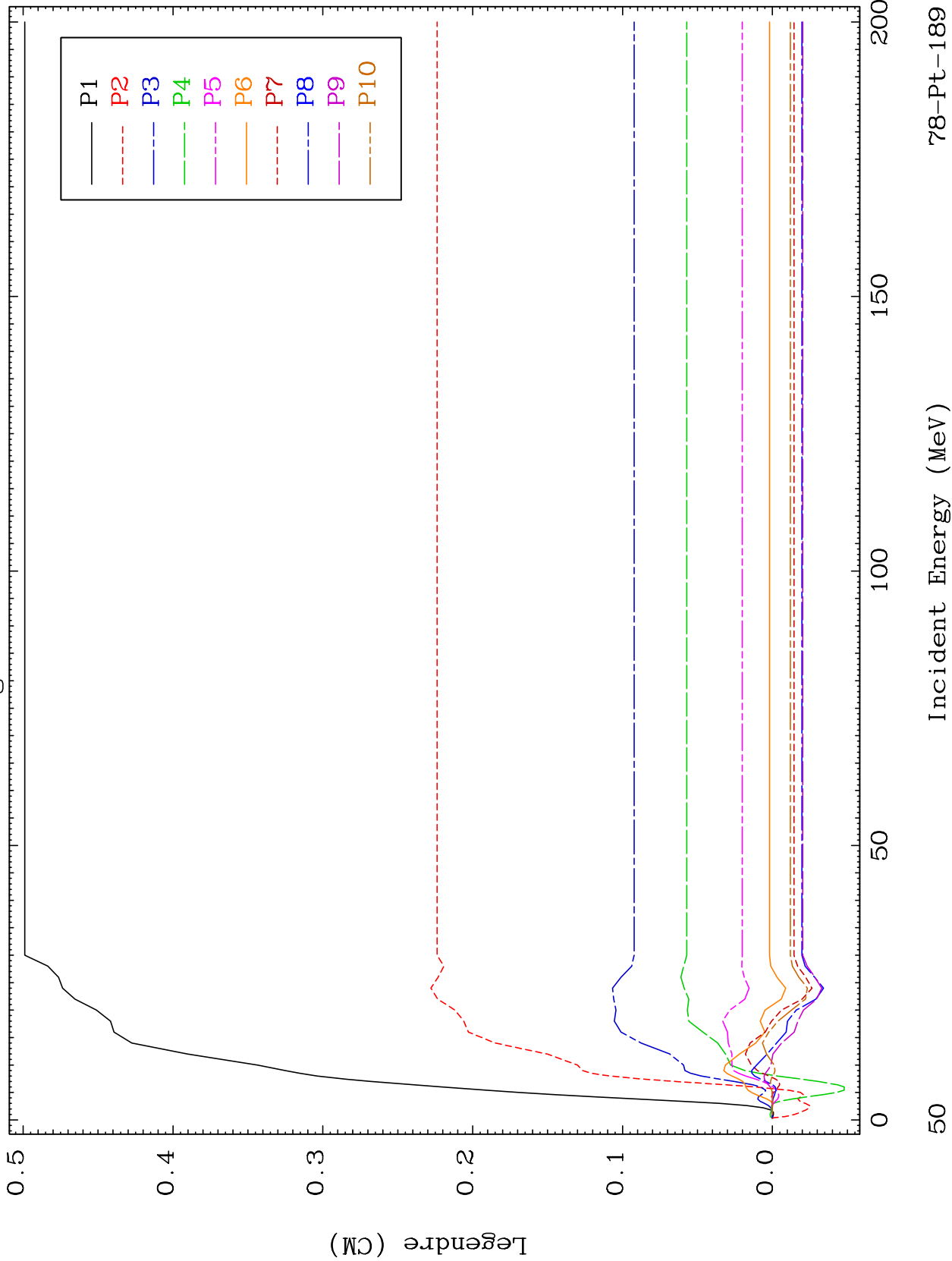
Incident Energy (MeV)

78-Pt-189

MAT 7822

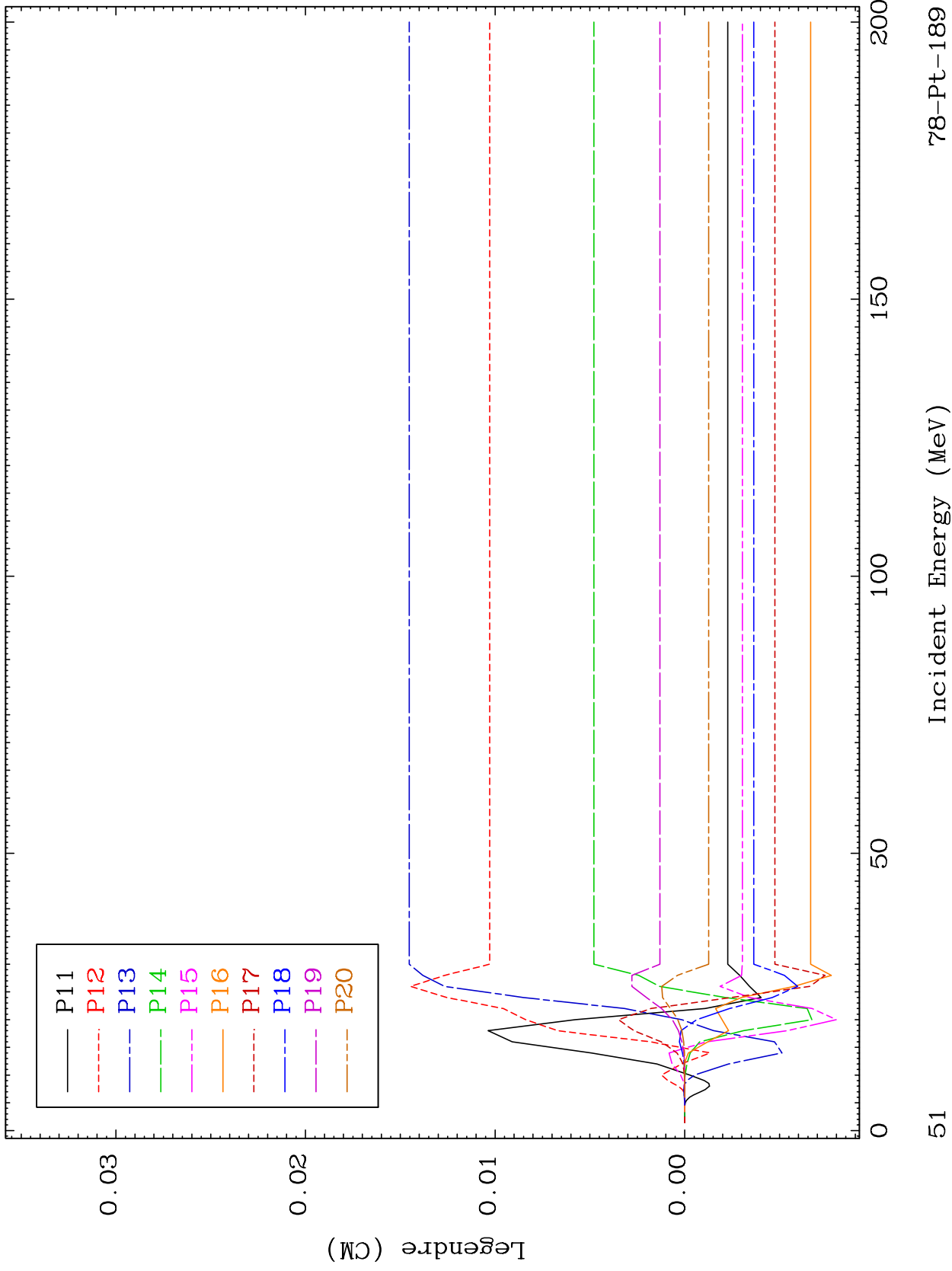
MT= 58 (n,n') Level  
Legendre Coefficients

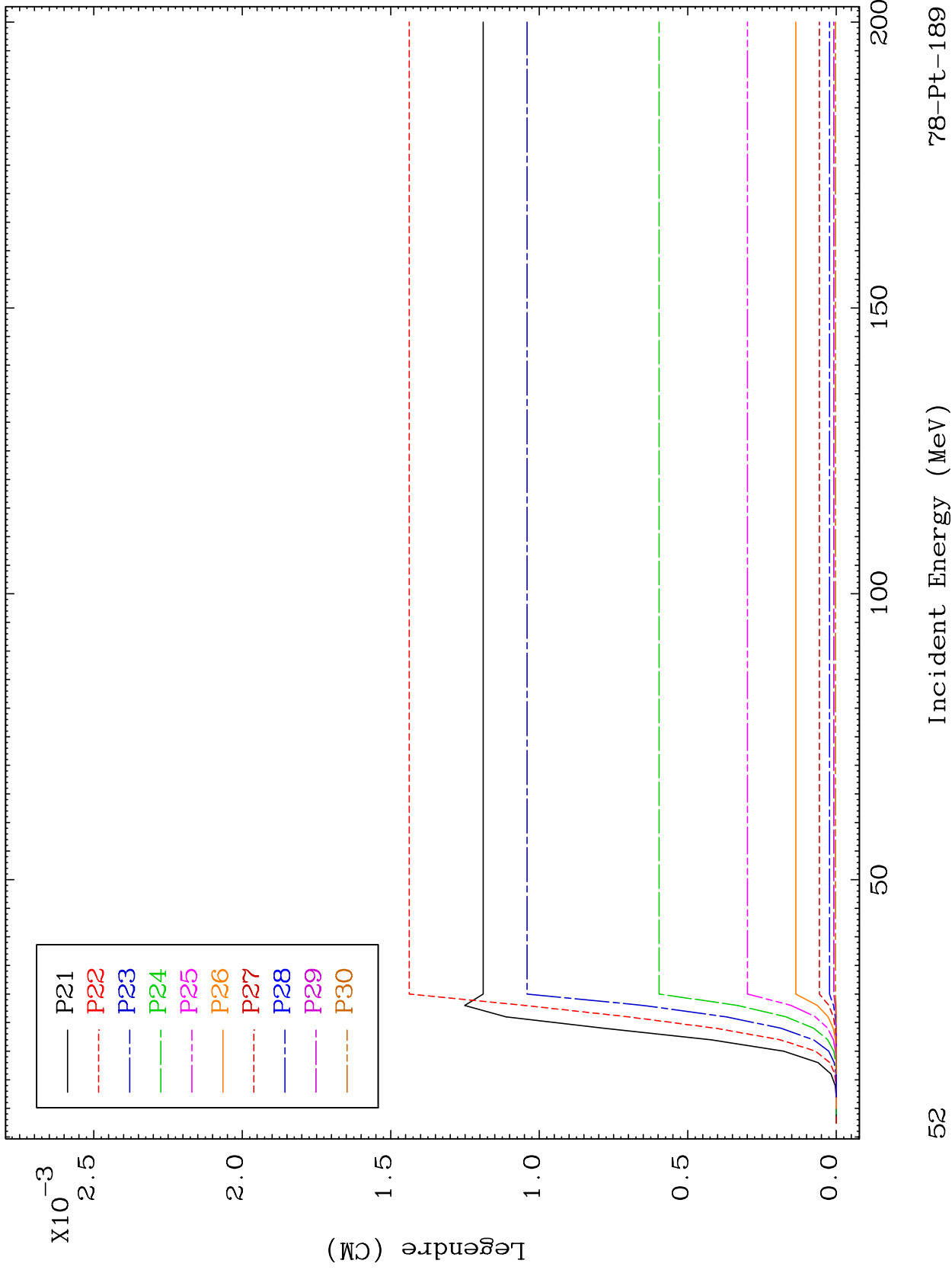
78-Pt-189



78-Pt-189

Incident Energy (MeV)

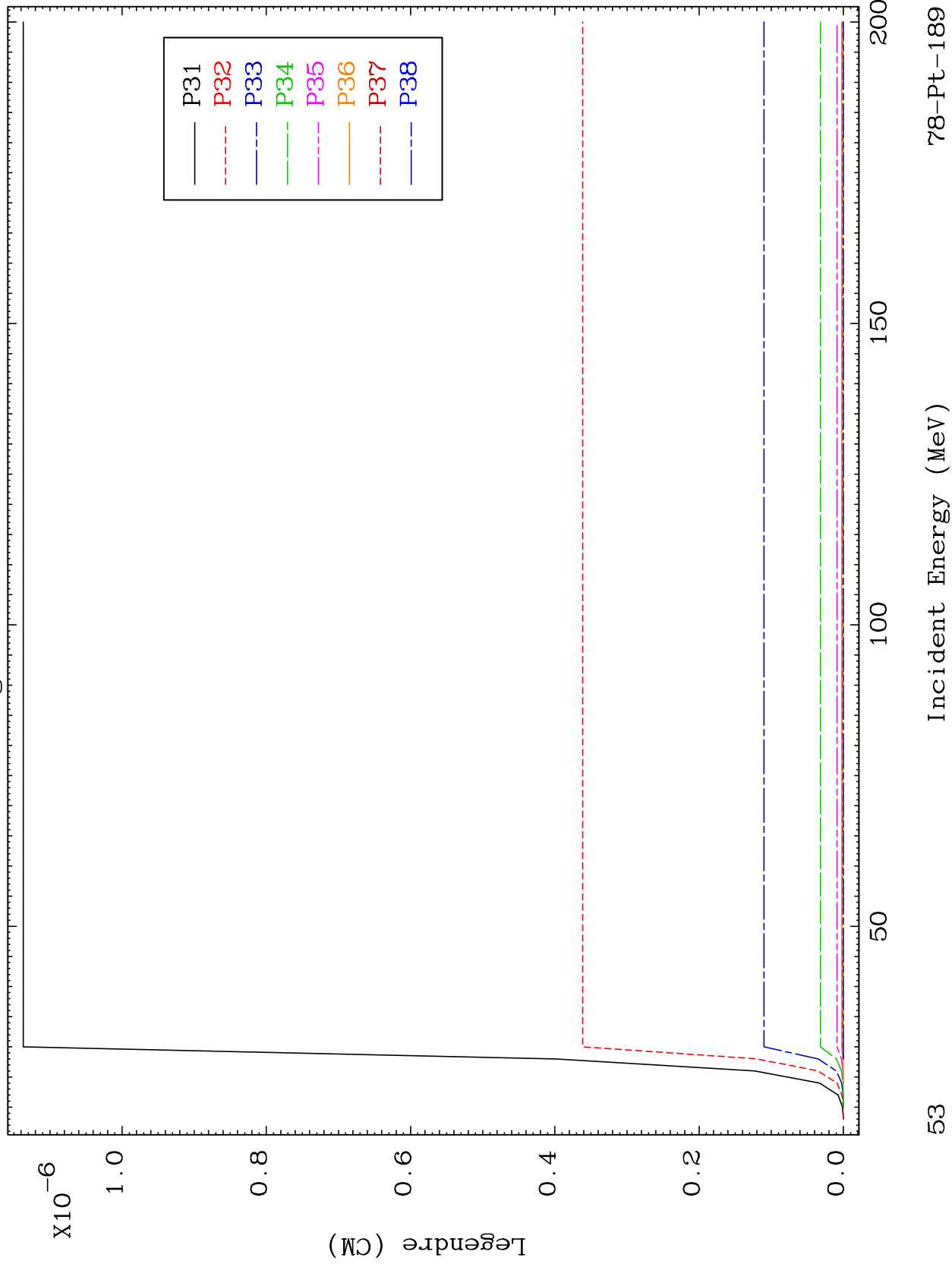




MAT 7822

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

78-Pt-189



53

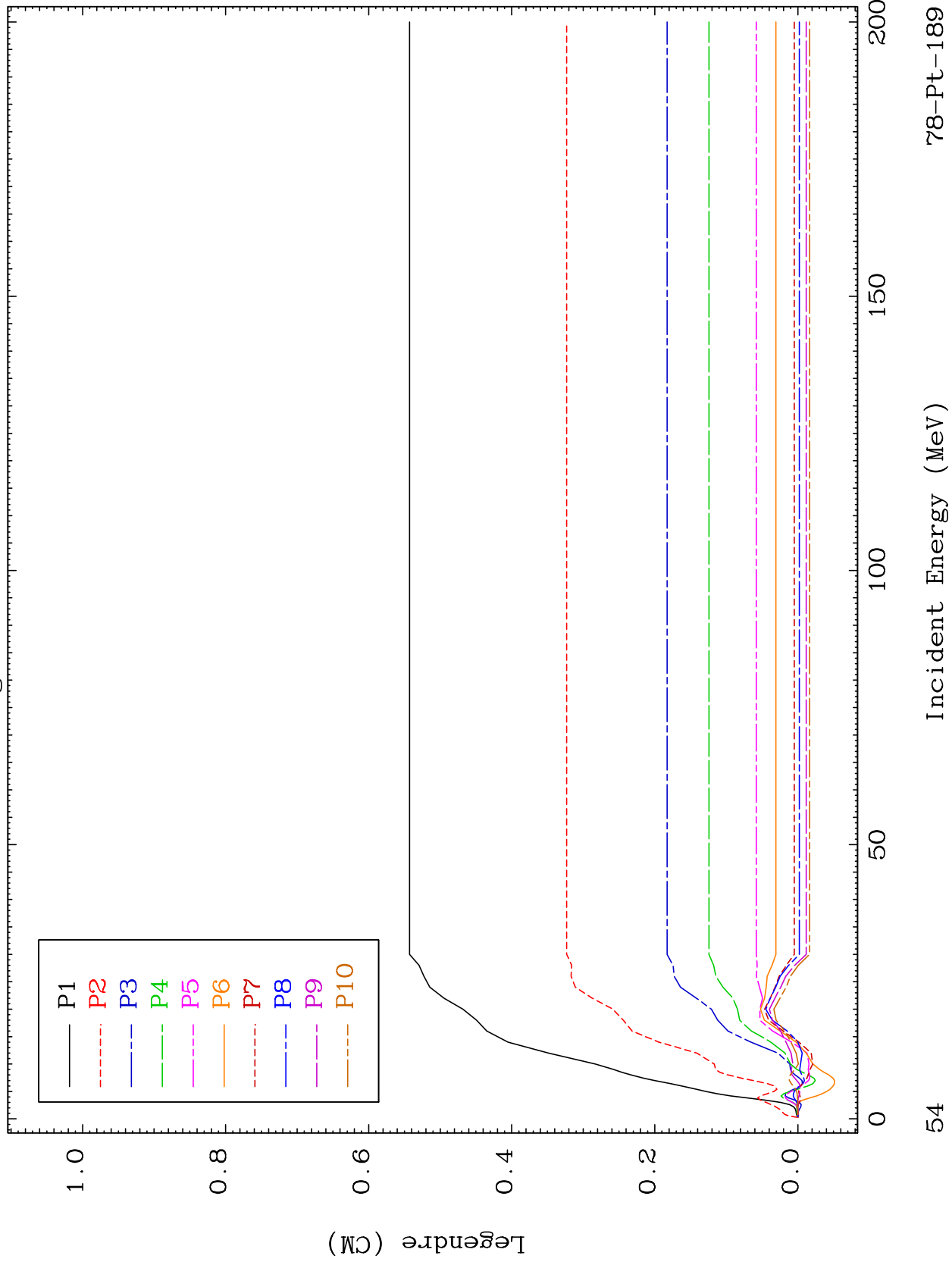
Incident Energy (MeV)

78-Pt-189

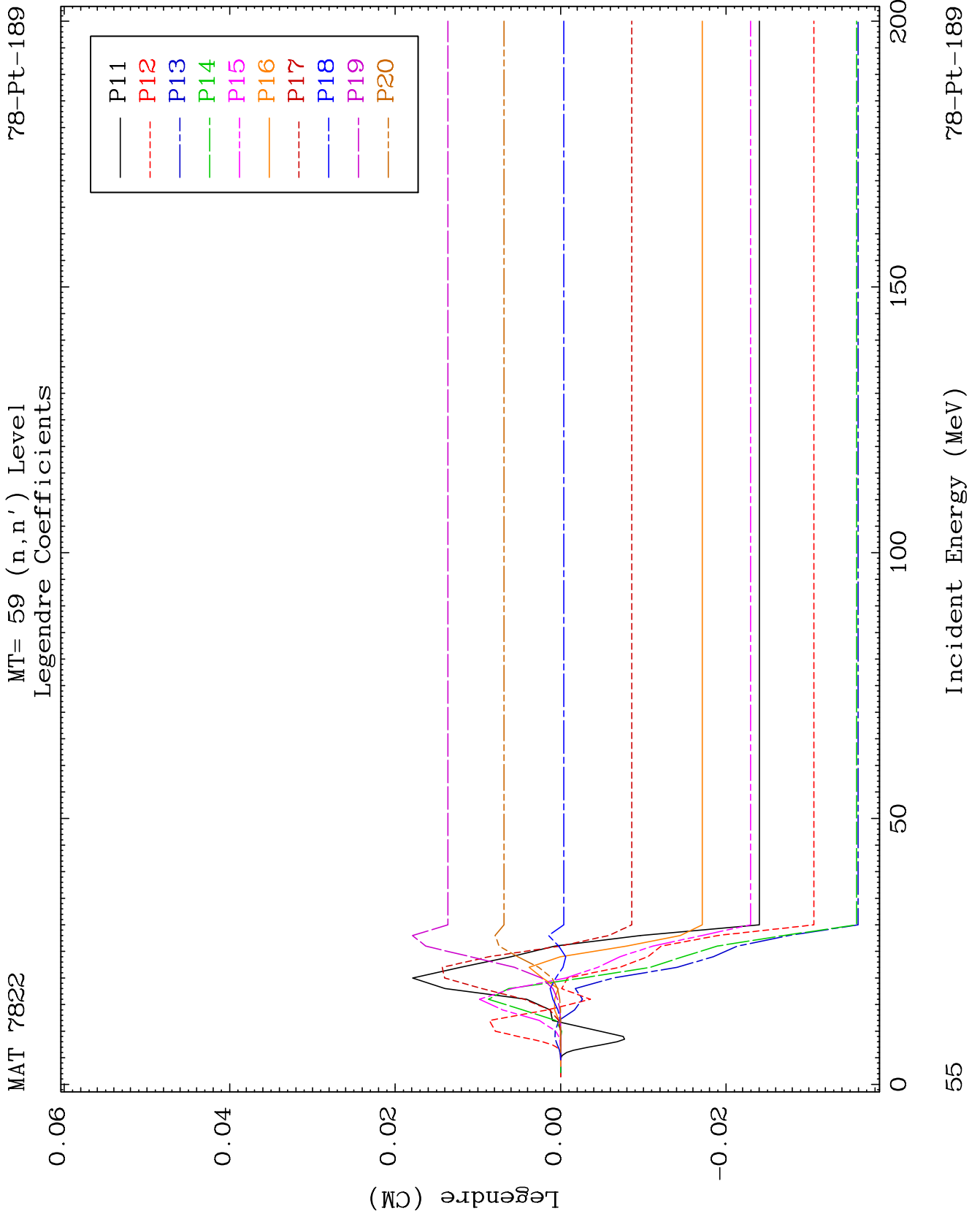
MAT 7822

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

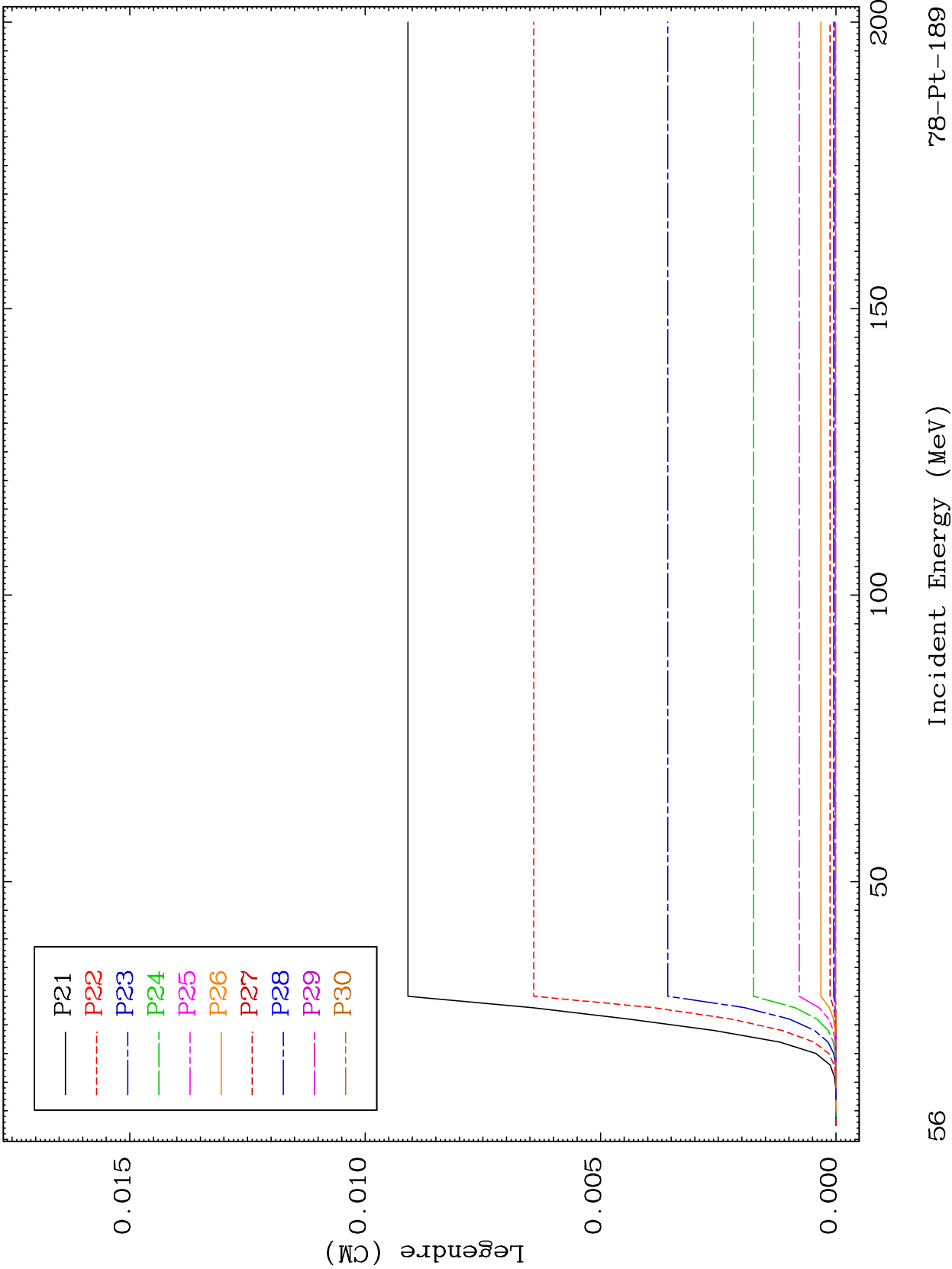
78-Pt-189



54



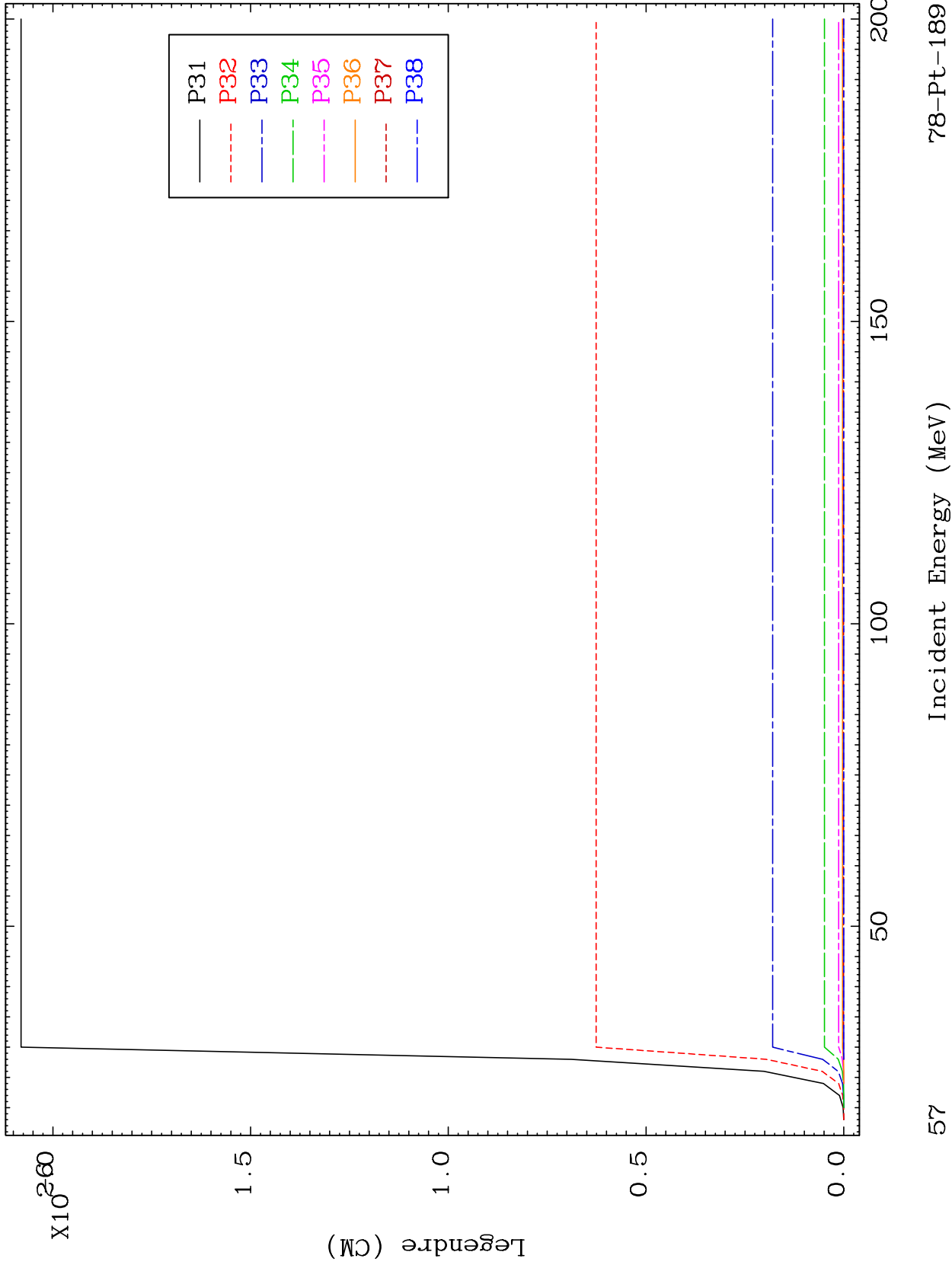




MAT 7822

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

78-Pt-189



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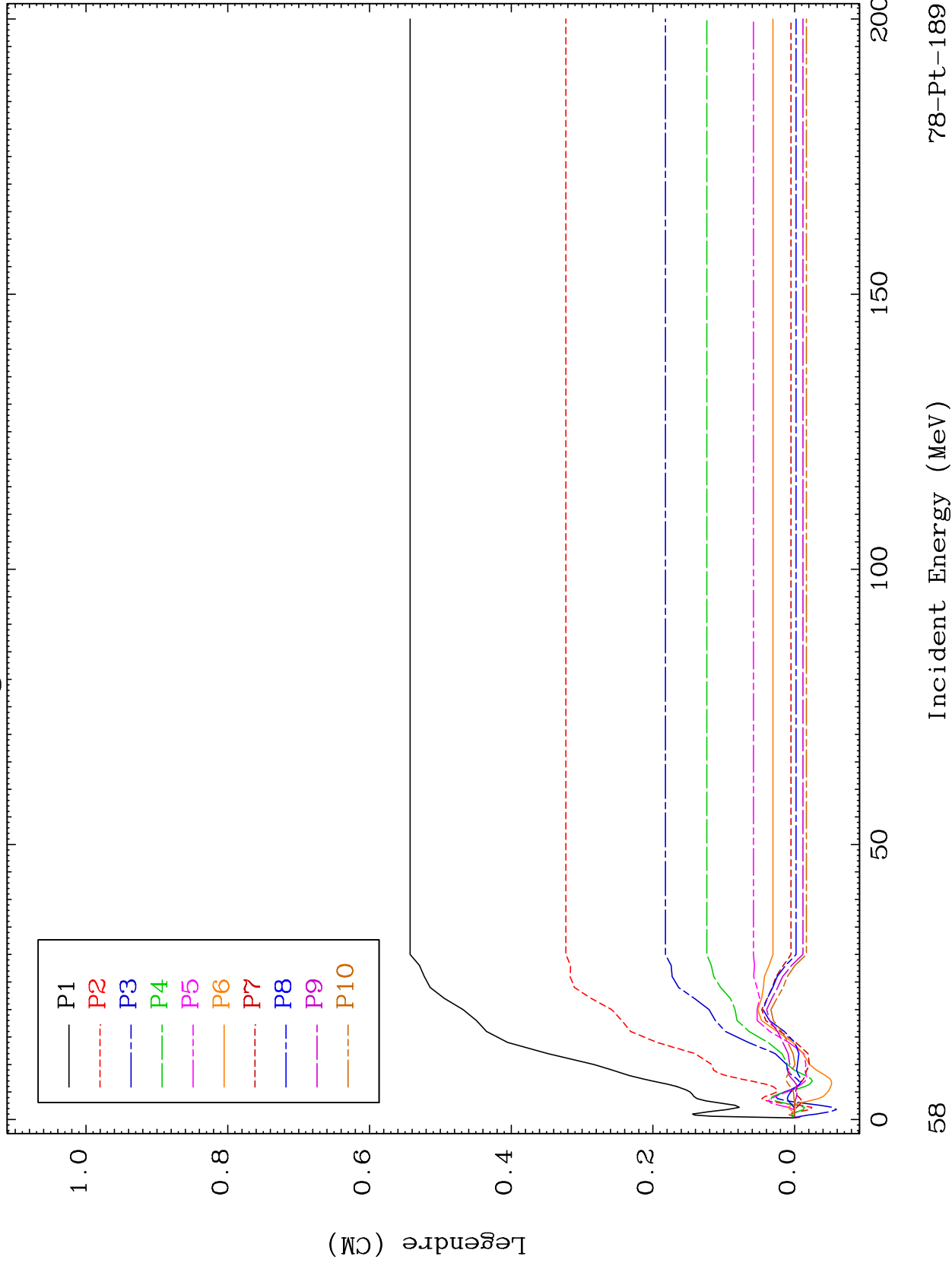
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

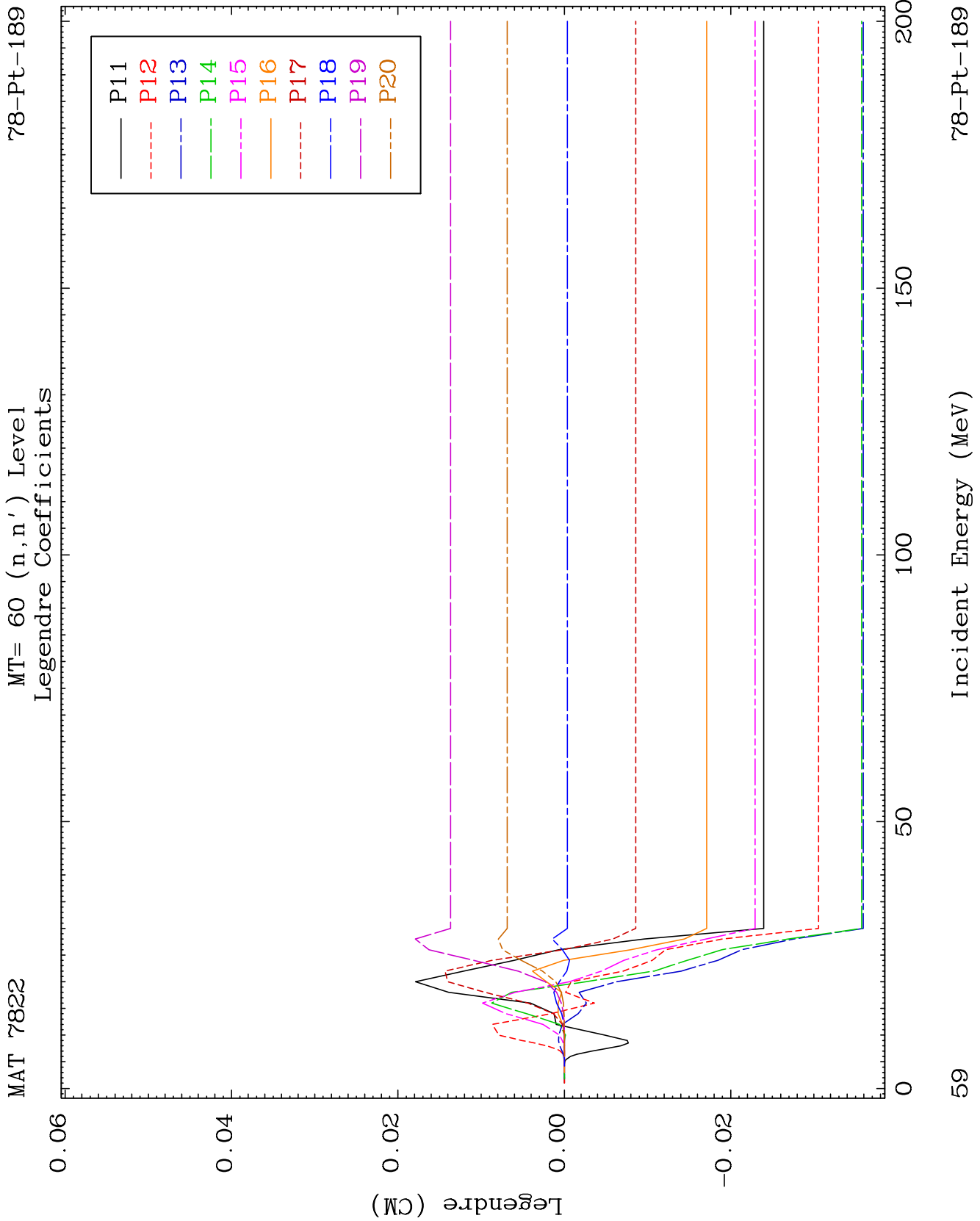
78-Pt-189



78-Pt-189

Incident Energy (MeV)

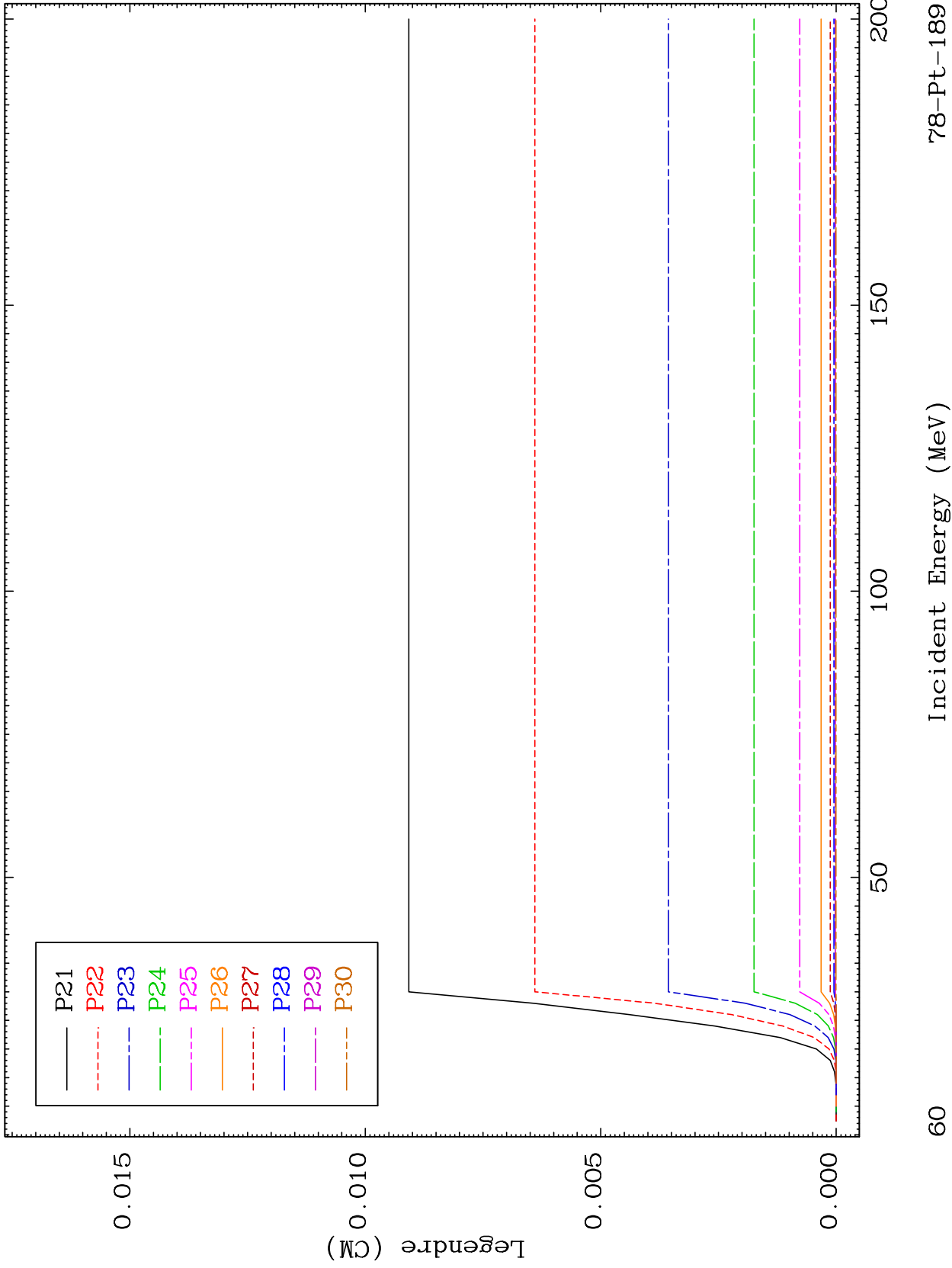
58



MAT 7822

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

78-Pt-189



60

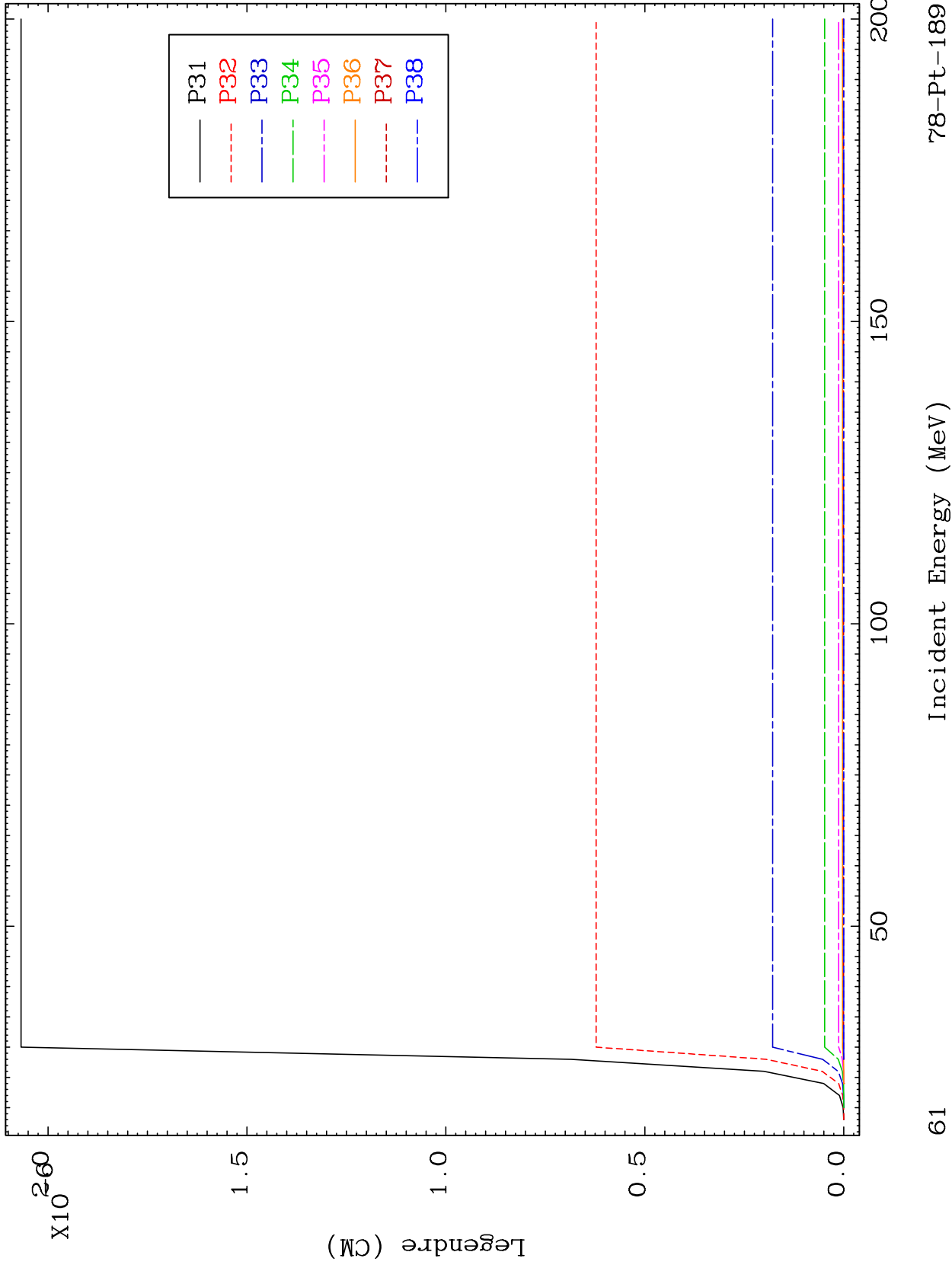
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

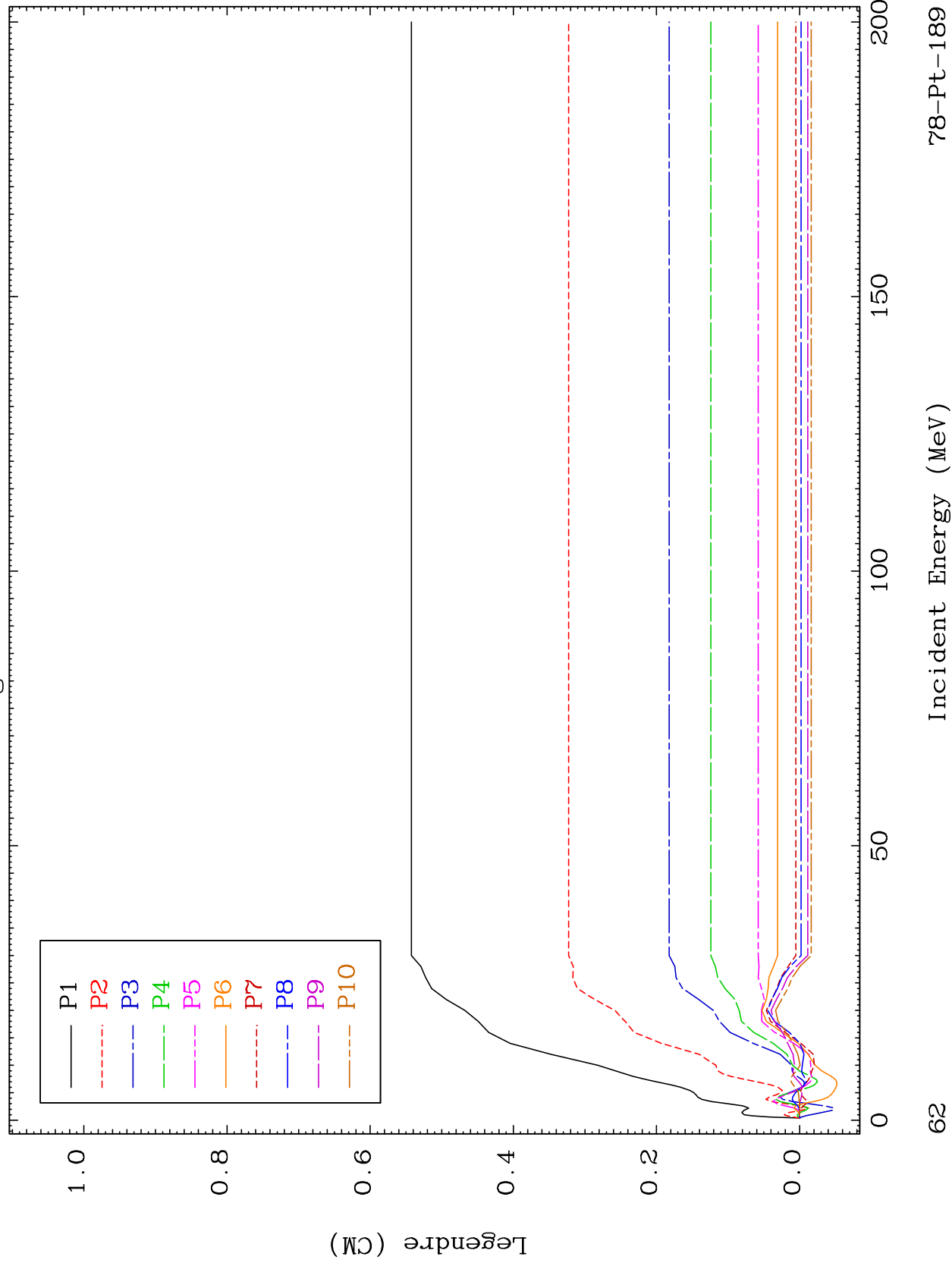
78-Pt-189



MAT 7822

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

78-Pt-189



62

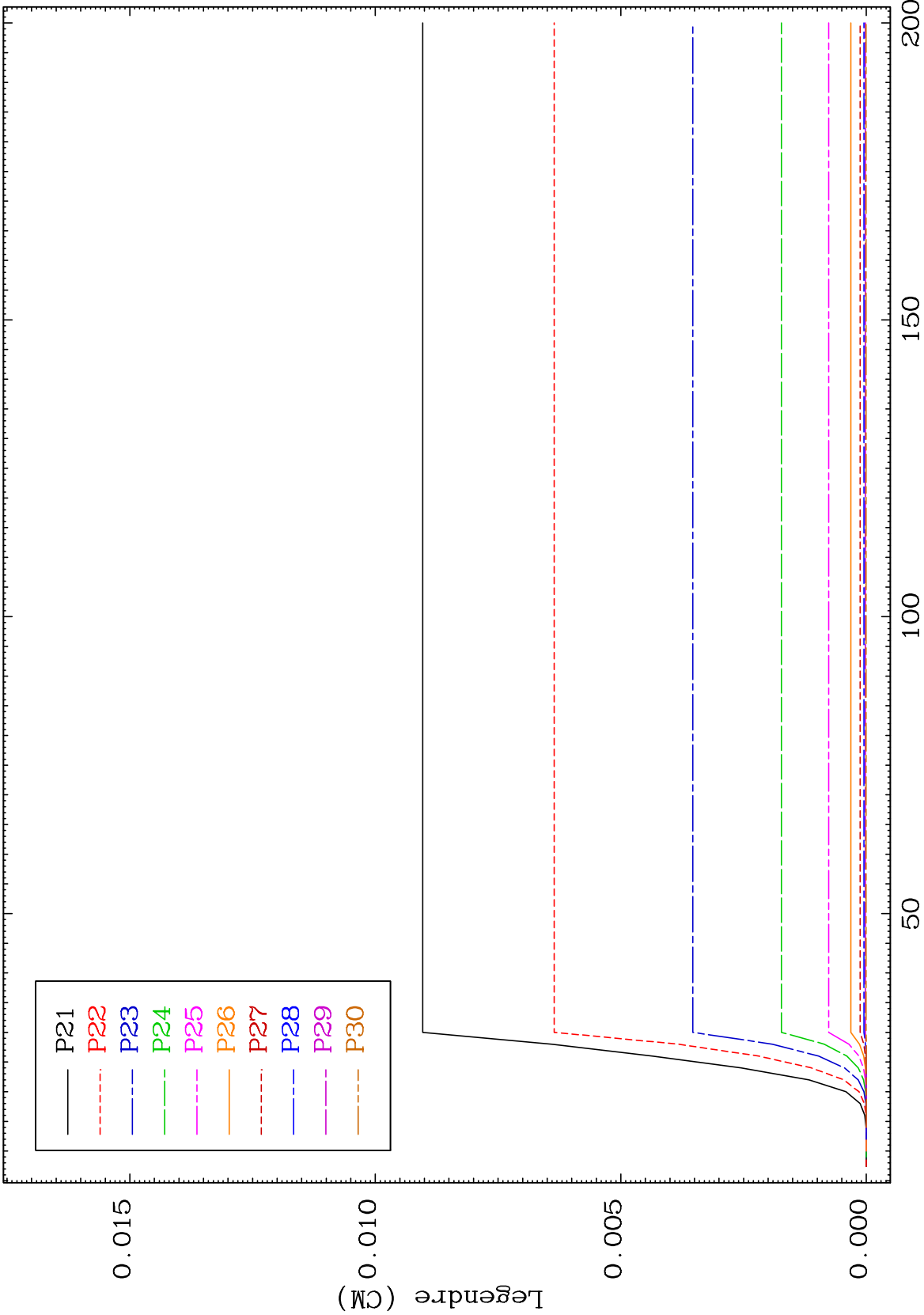




MAT 78222

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

78-Pt-189



64

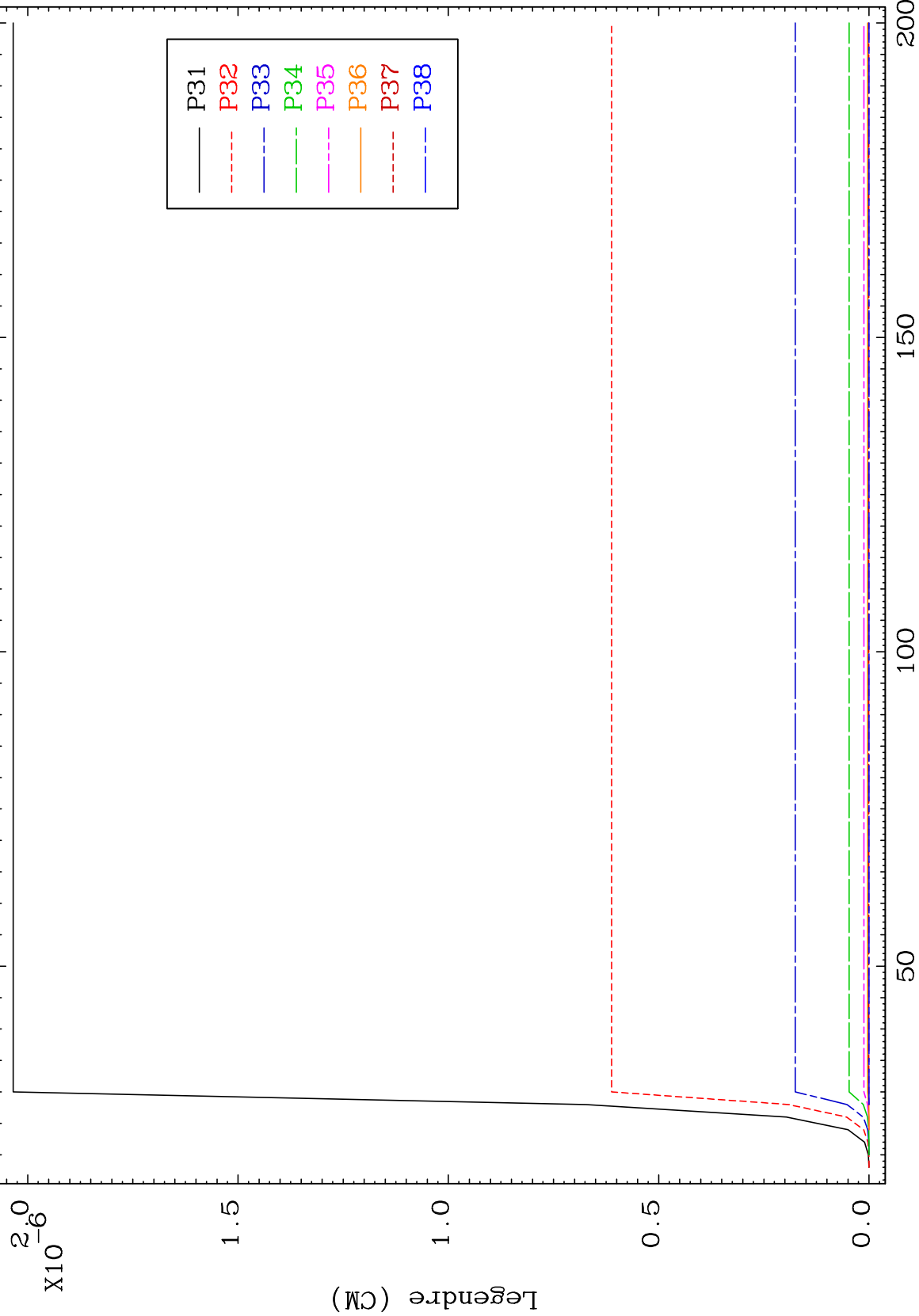
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

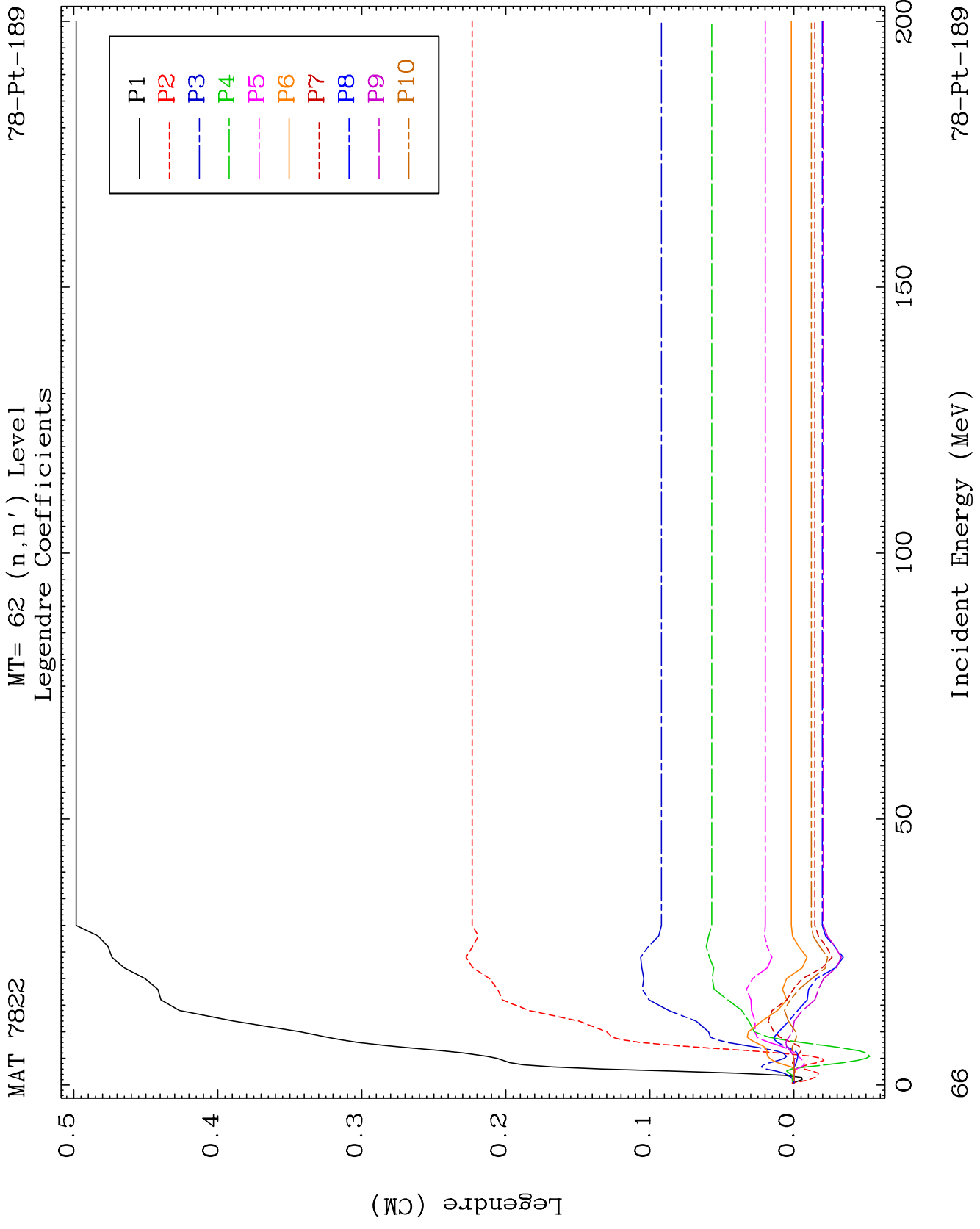
78-Pt-189



65

Incident Energy (MeV)

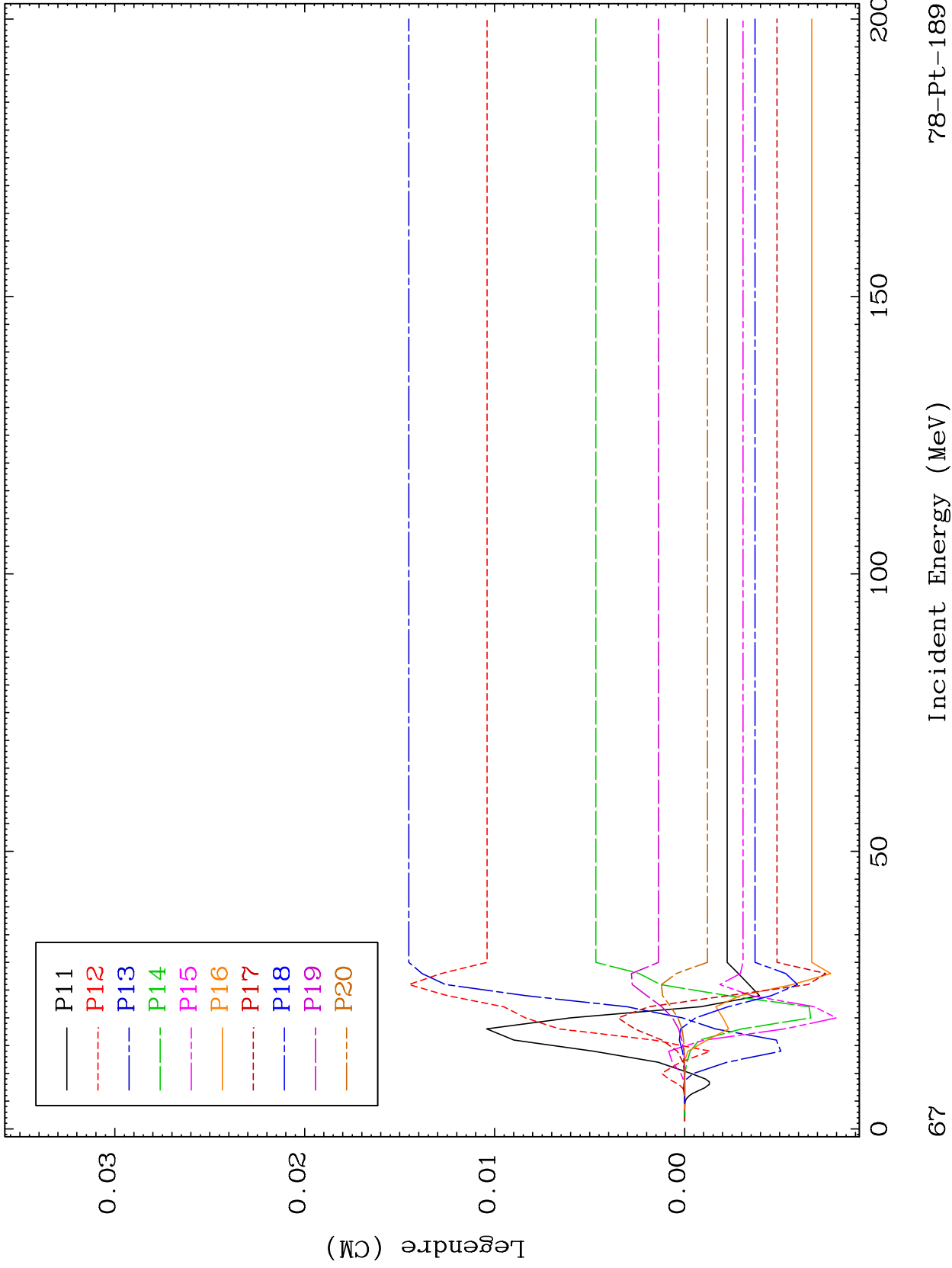
78-Pt-189



MAT 78222

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

78-Pt-189



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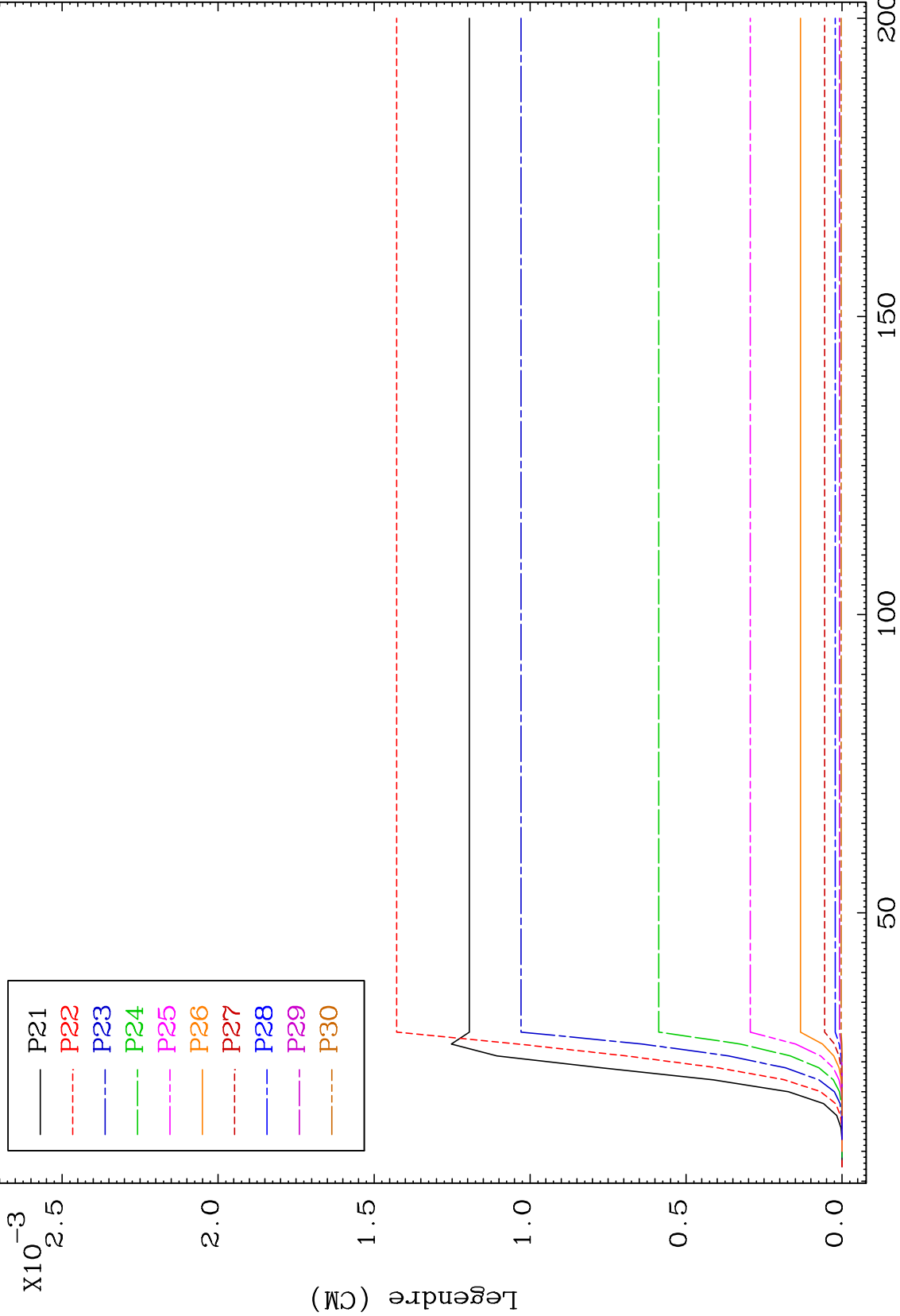
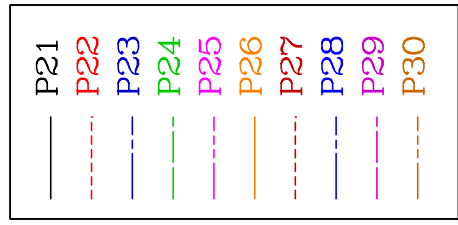
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



68

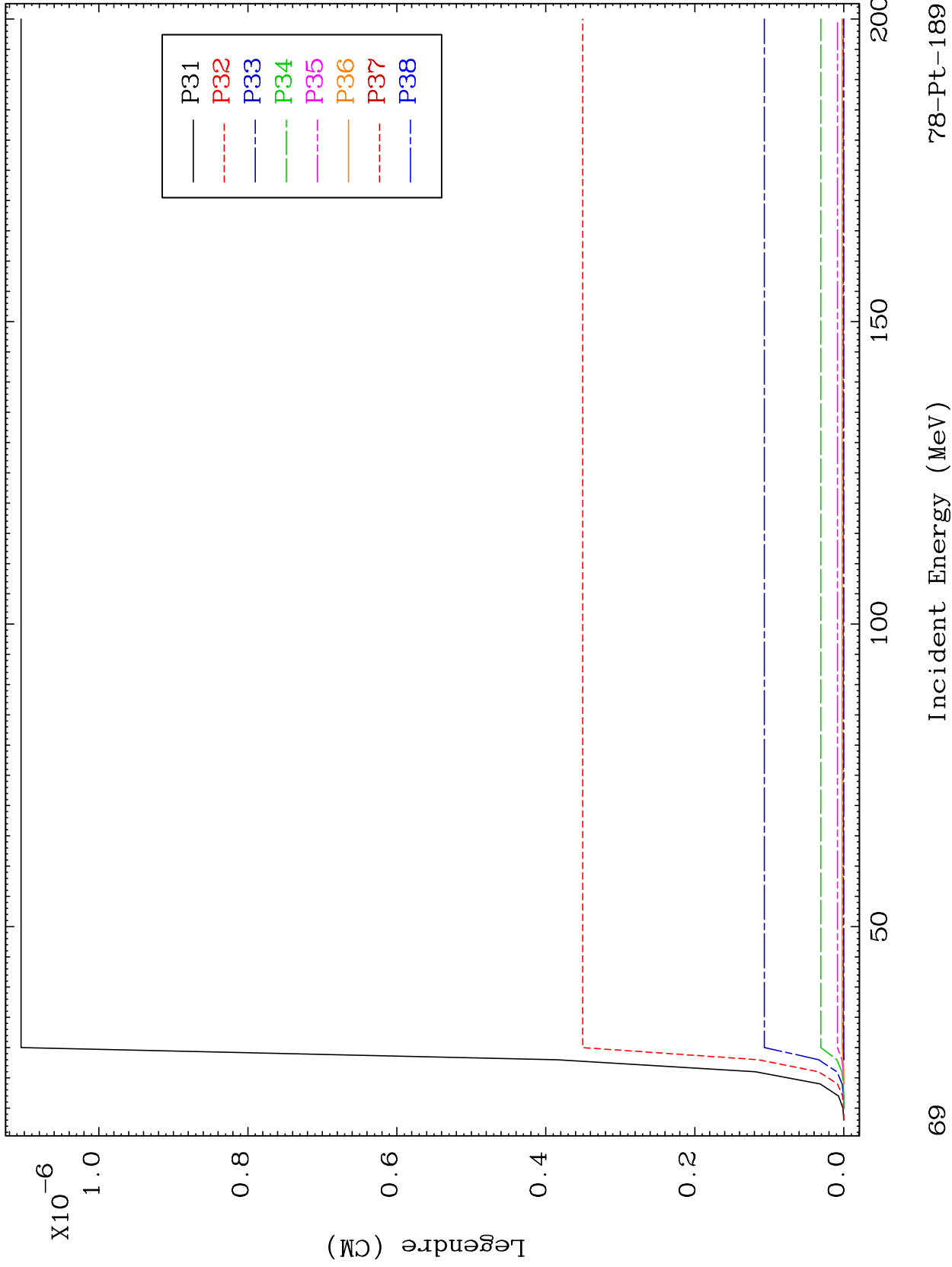
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189

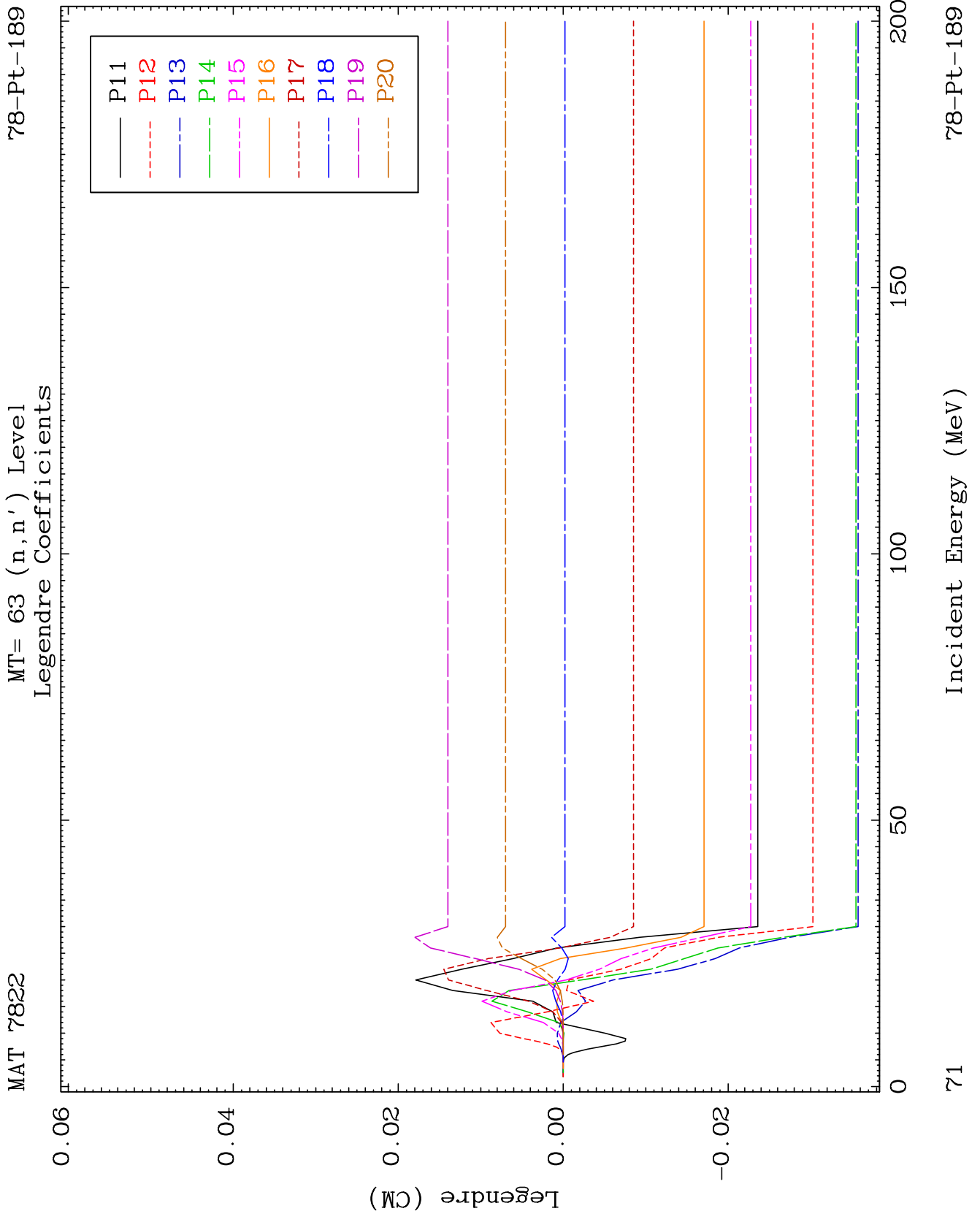


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Incident Energy (MeV)

78-Pt-189



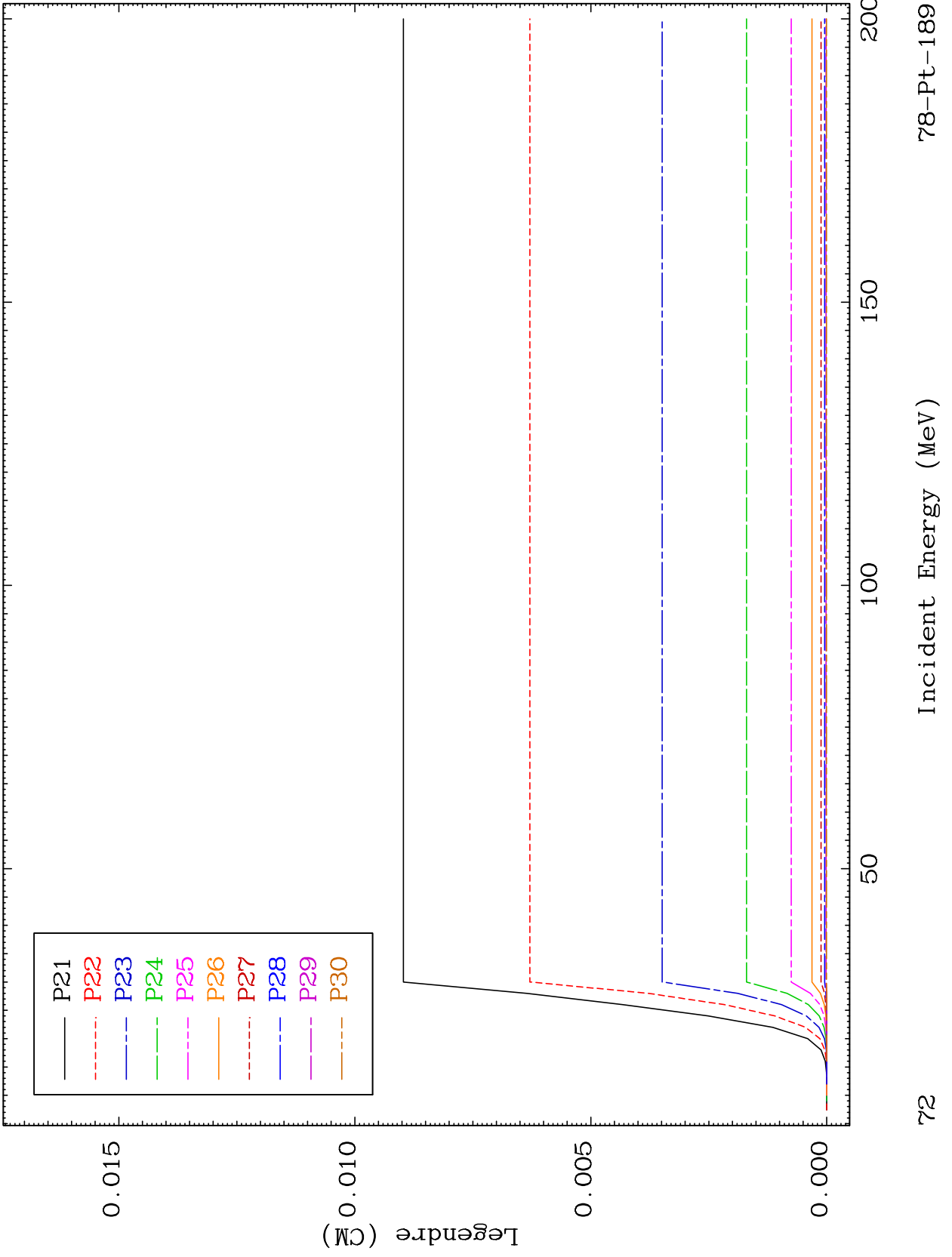




MAT 78222

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

78-Pt-189

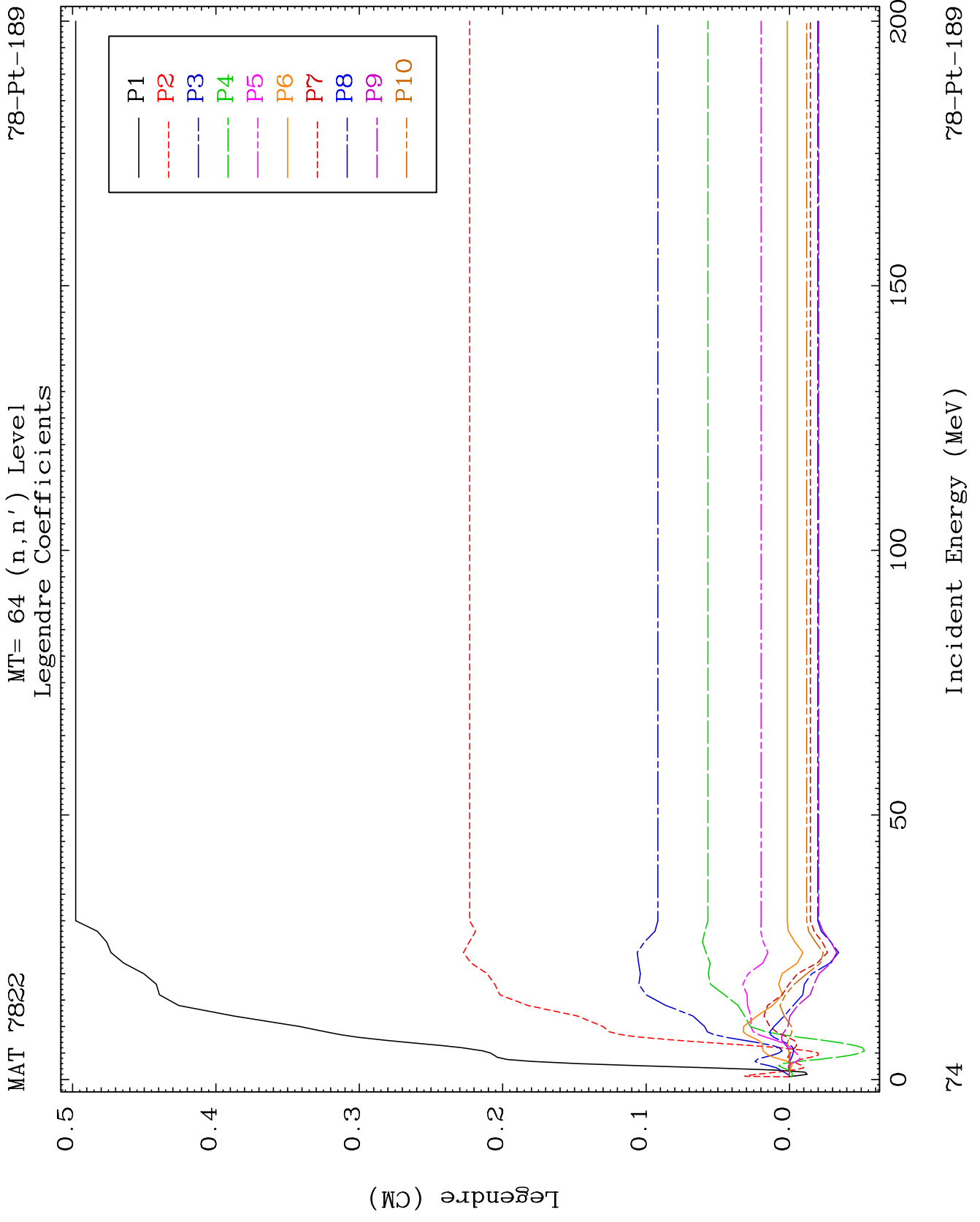


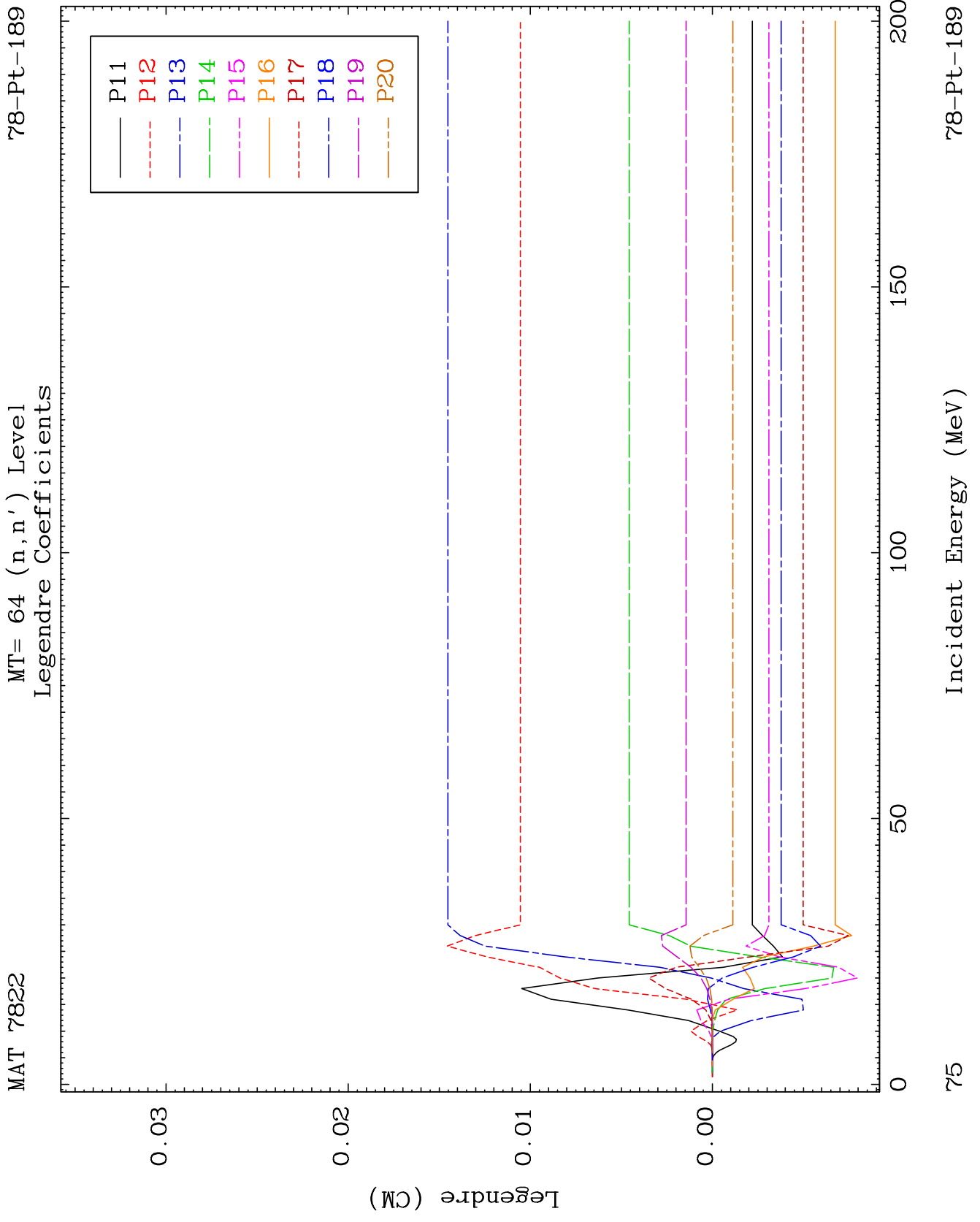
72

Incident Energy (MeV)

78-Pt-189



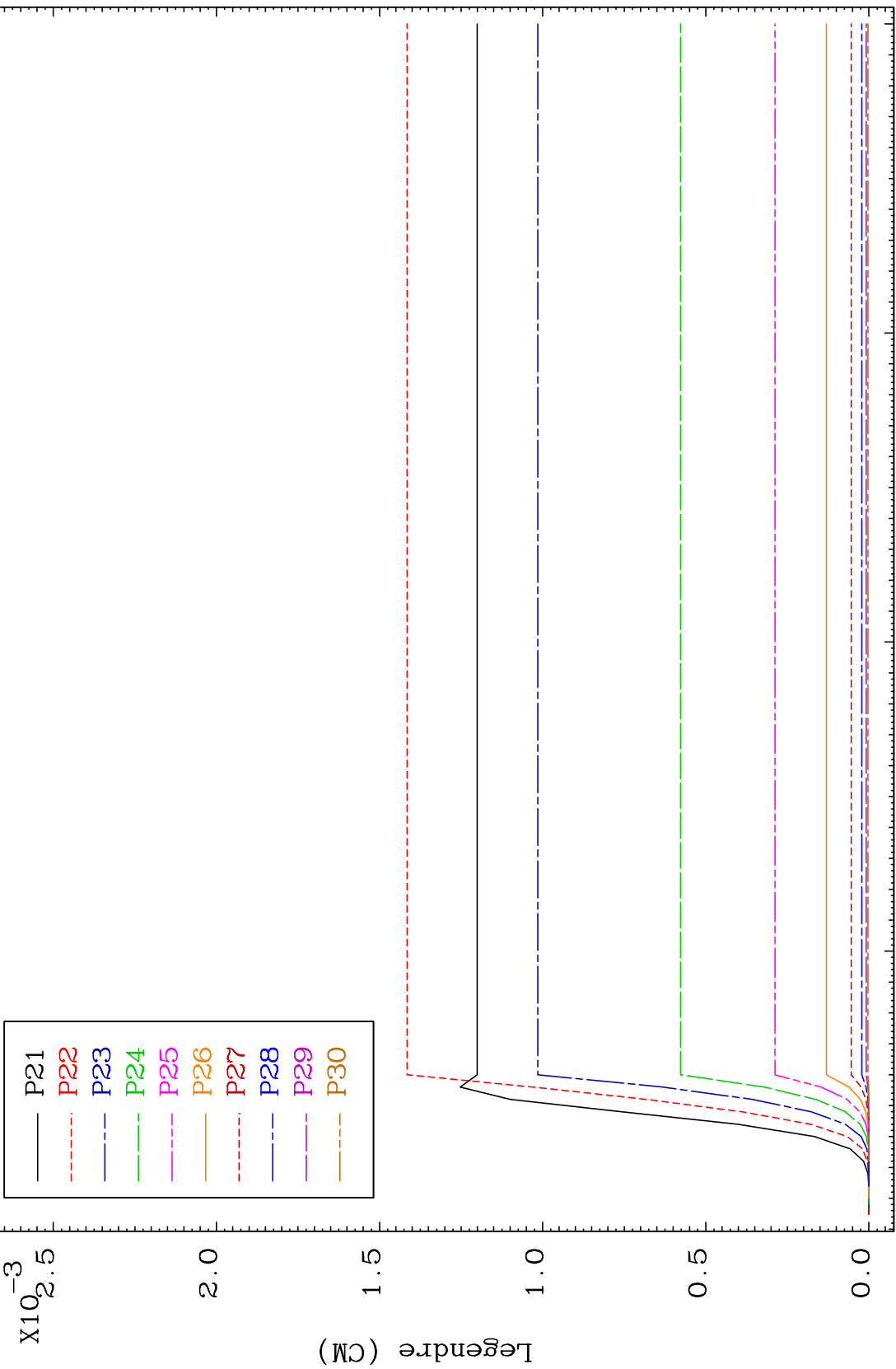
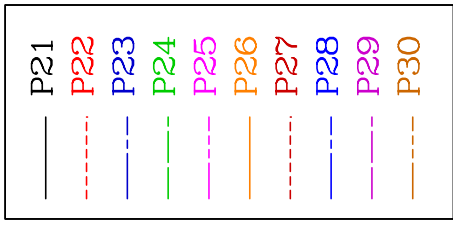




MAT 7822

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

78-Pt-189



76

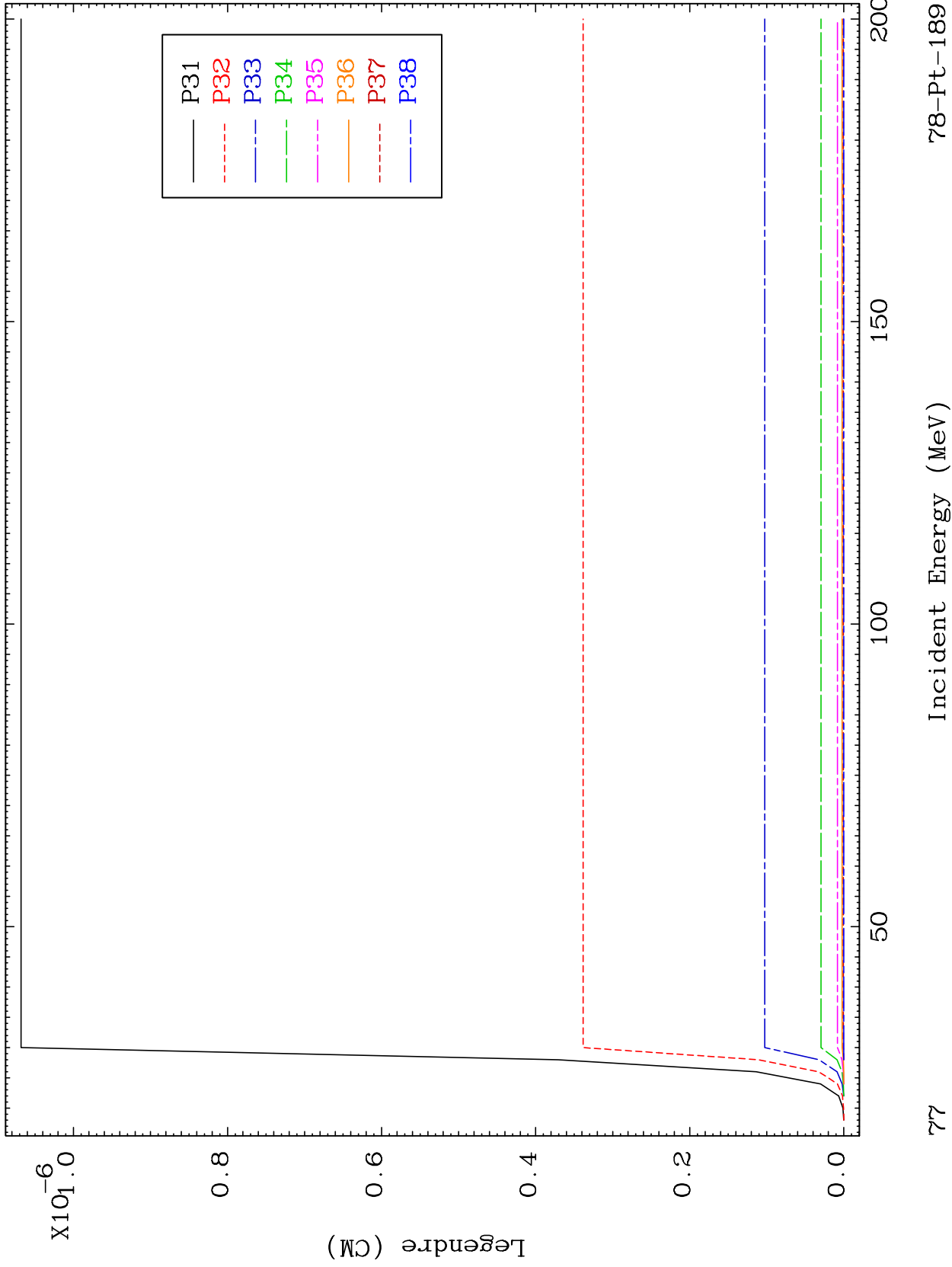
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



77

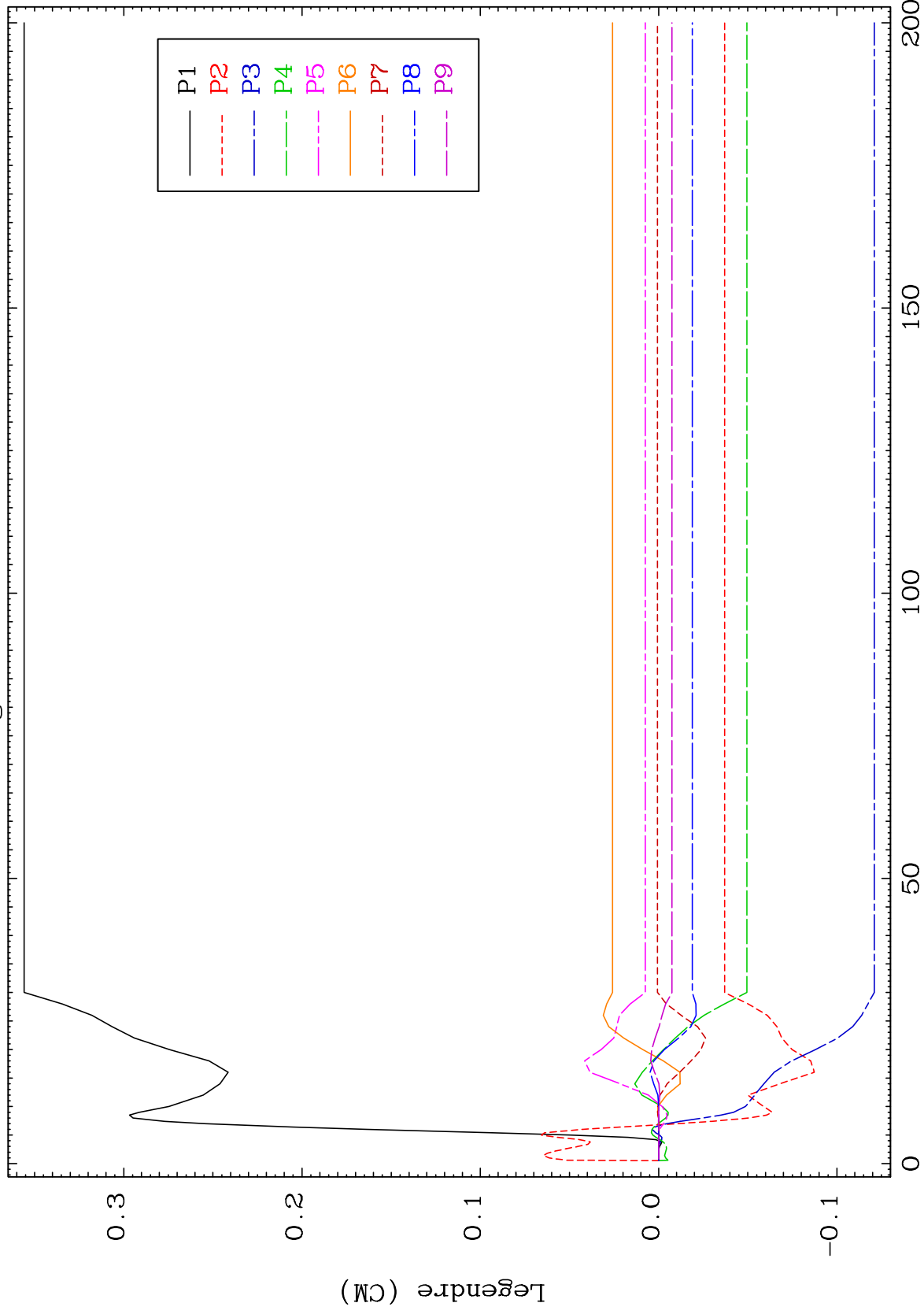
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



78

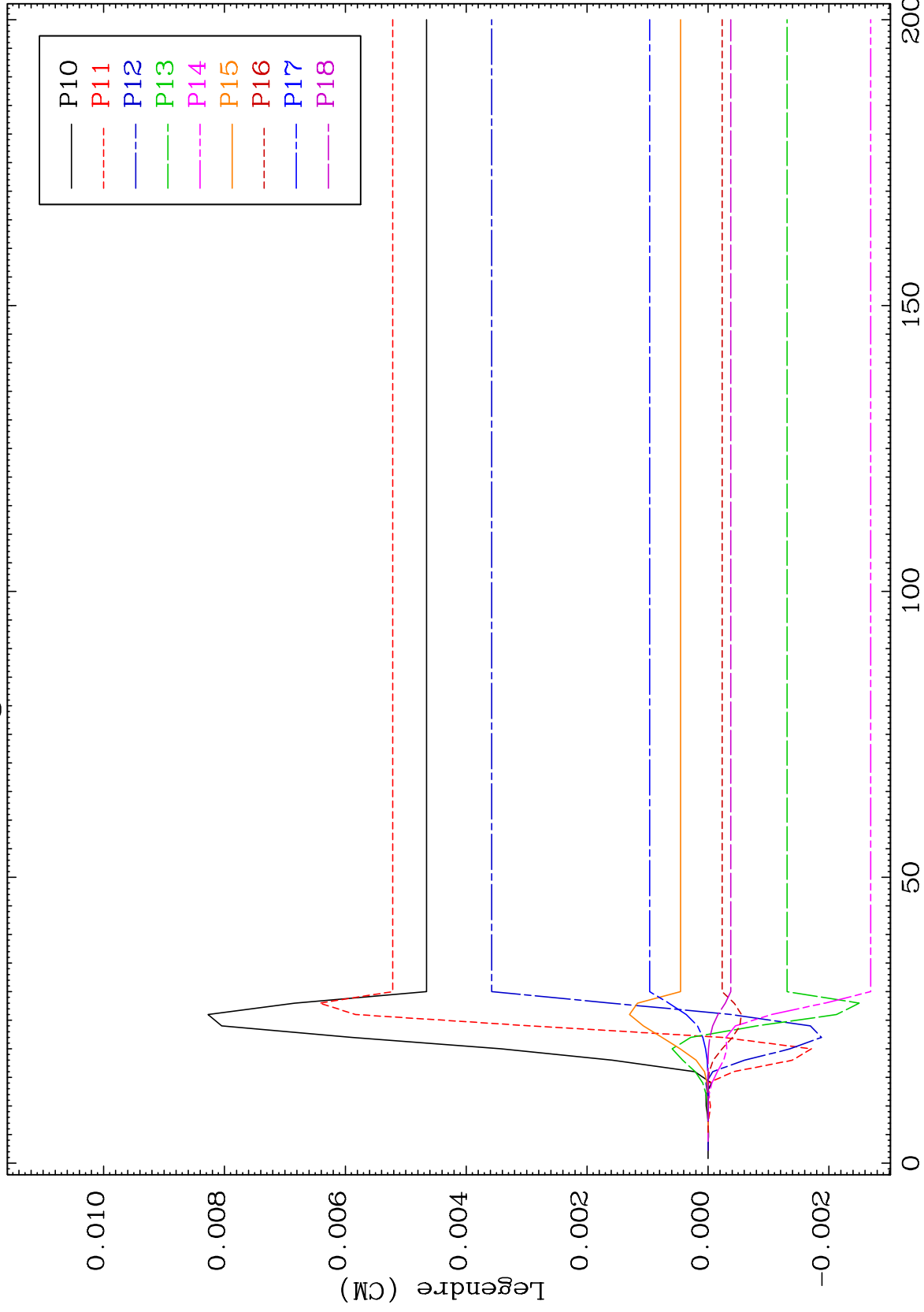
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



79

Incident Energy (MeV)

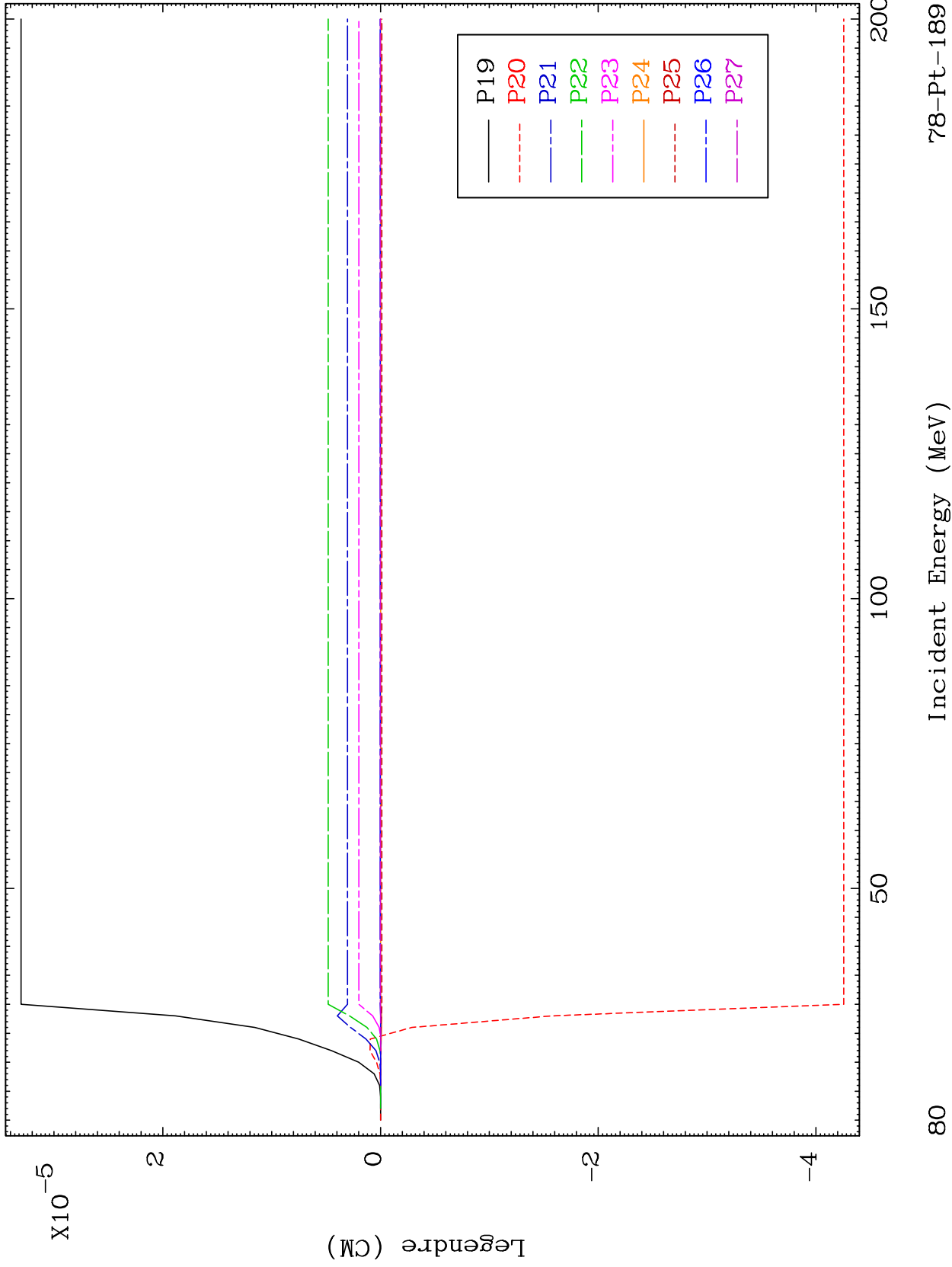
78-Pt-189



MAT 7822

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

78-Pt-189

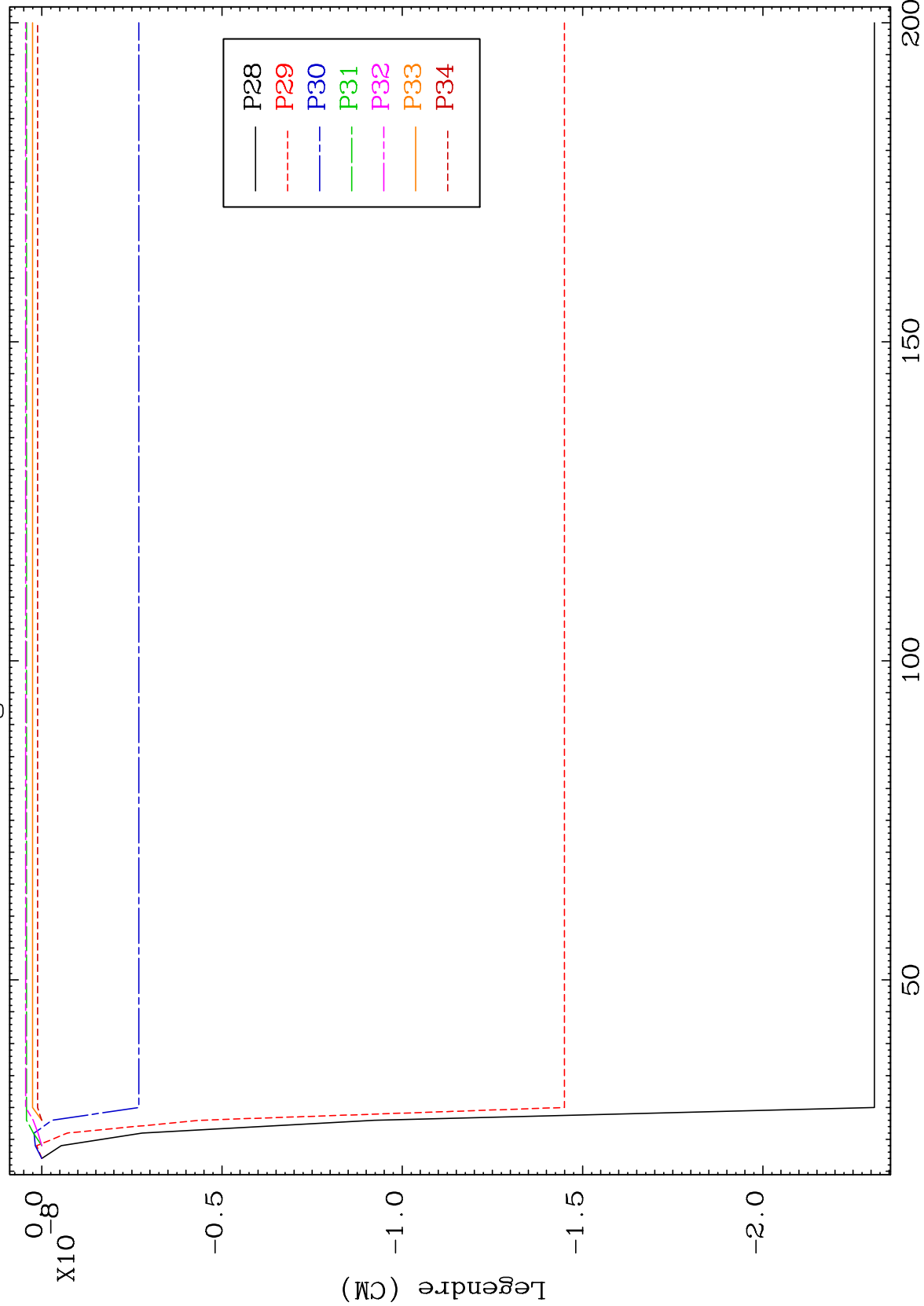


MAT 7822

MT= 65 (n,n') Level

78-Pt-189

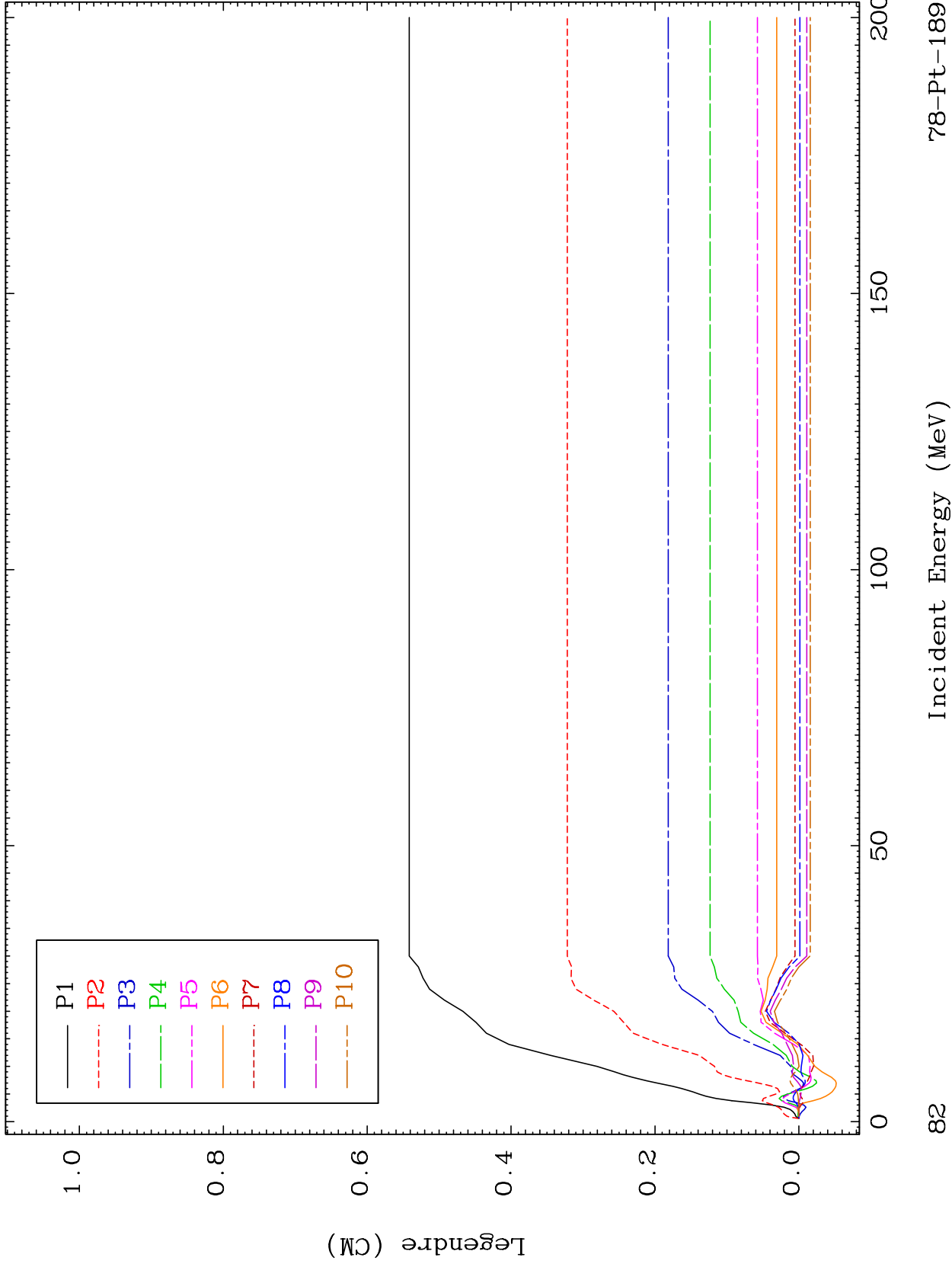
Legendre Coefficients



MAT 7822

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

78-Pt-189

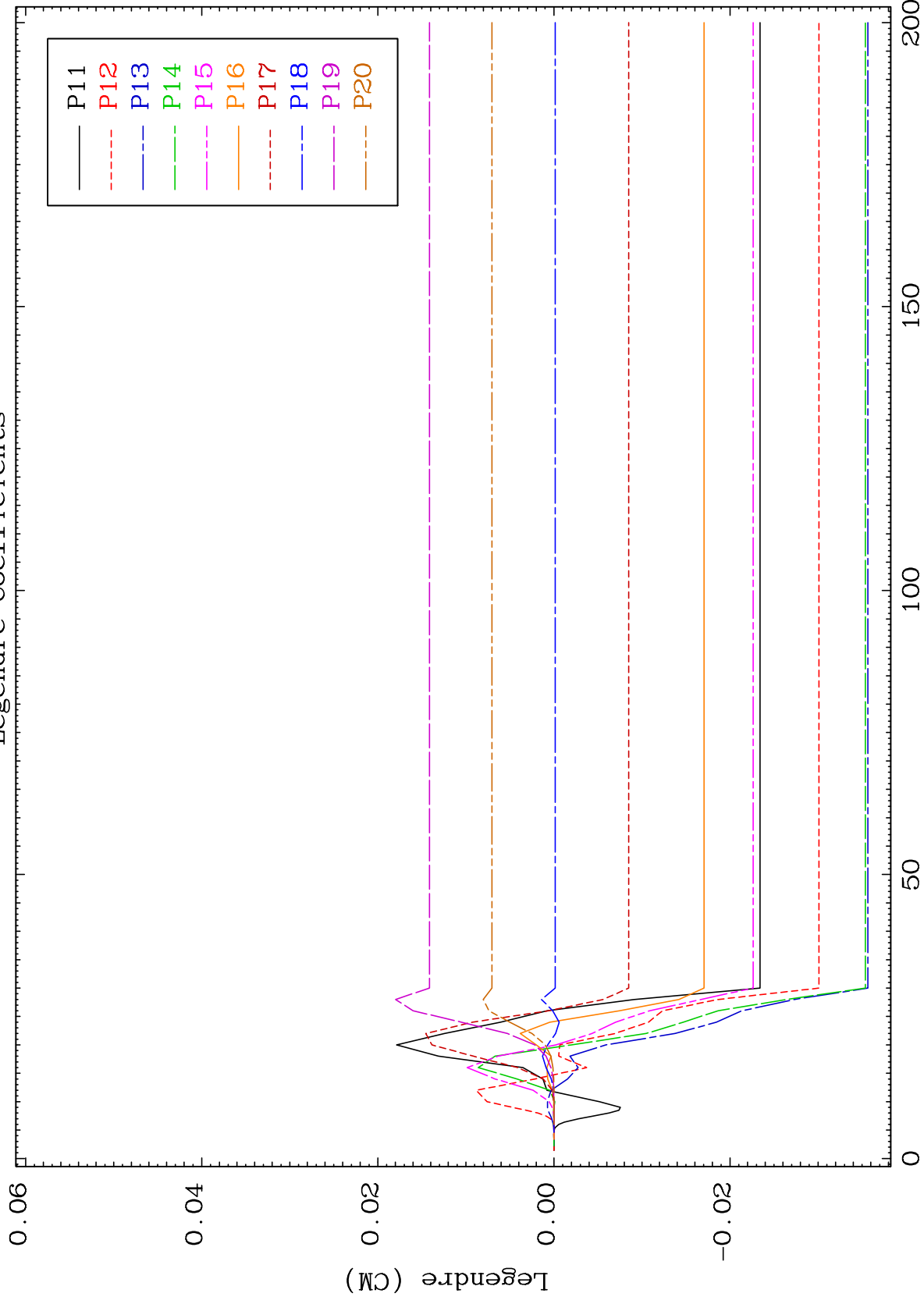


82

MAT 7822

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

78-Pt-189



83

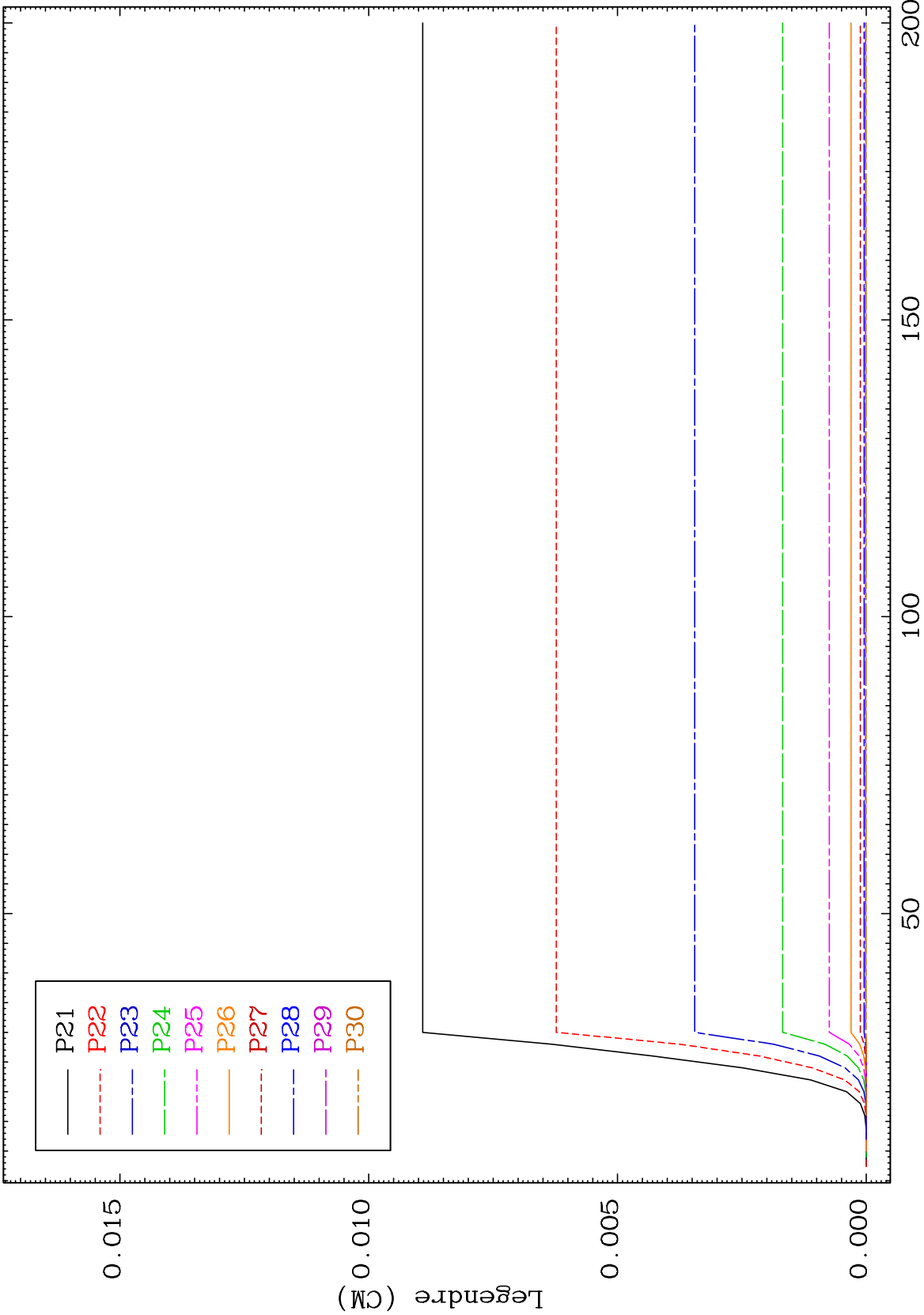
Incident Energy (MeV)

78-Pt-189

MAT 78222

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

78-Pt-189



84

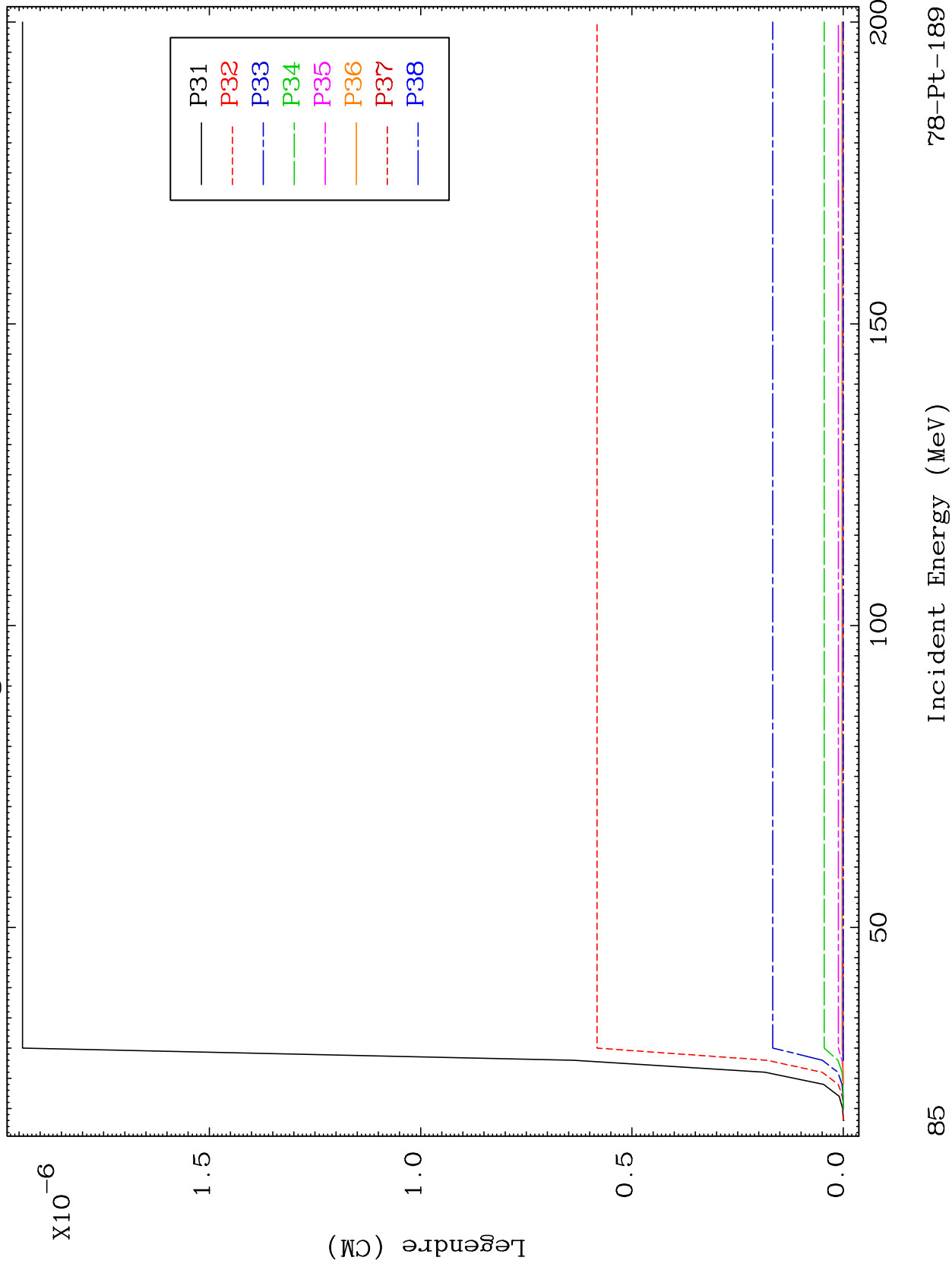
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

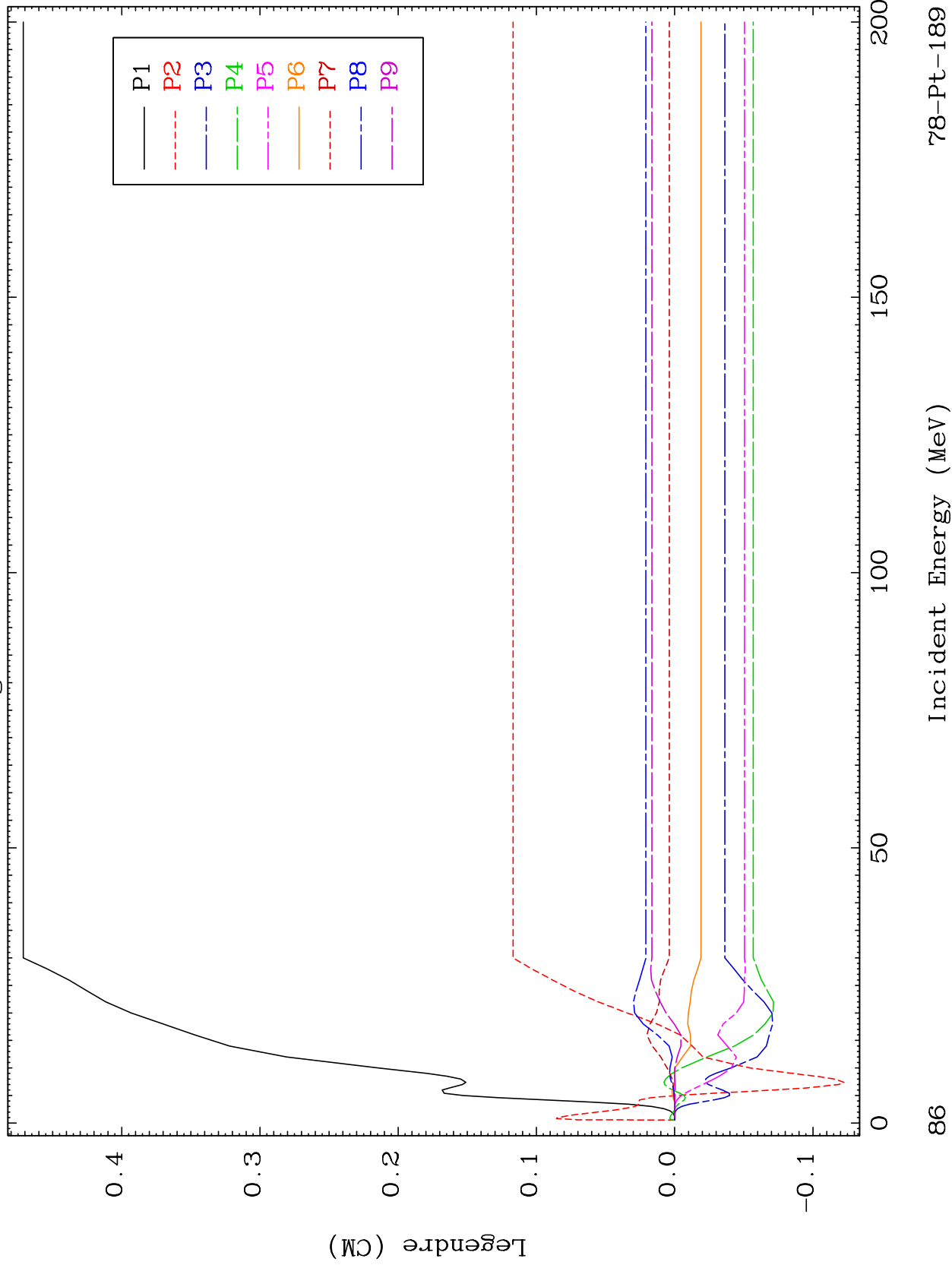
78-Pt-189



MAT 7822

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

78-Pt-189



78-Pt-189

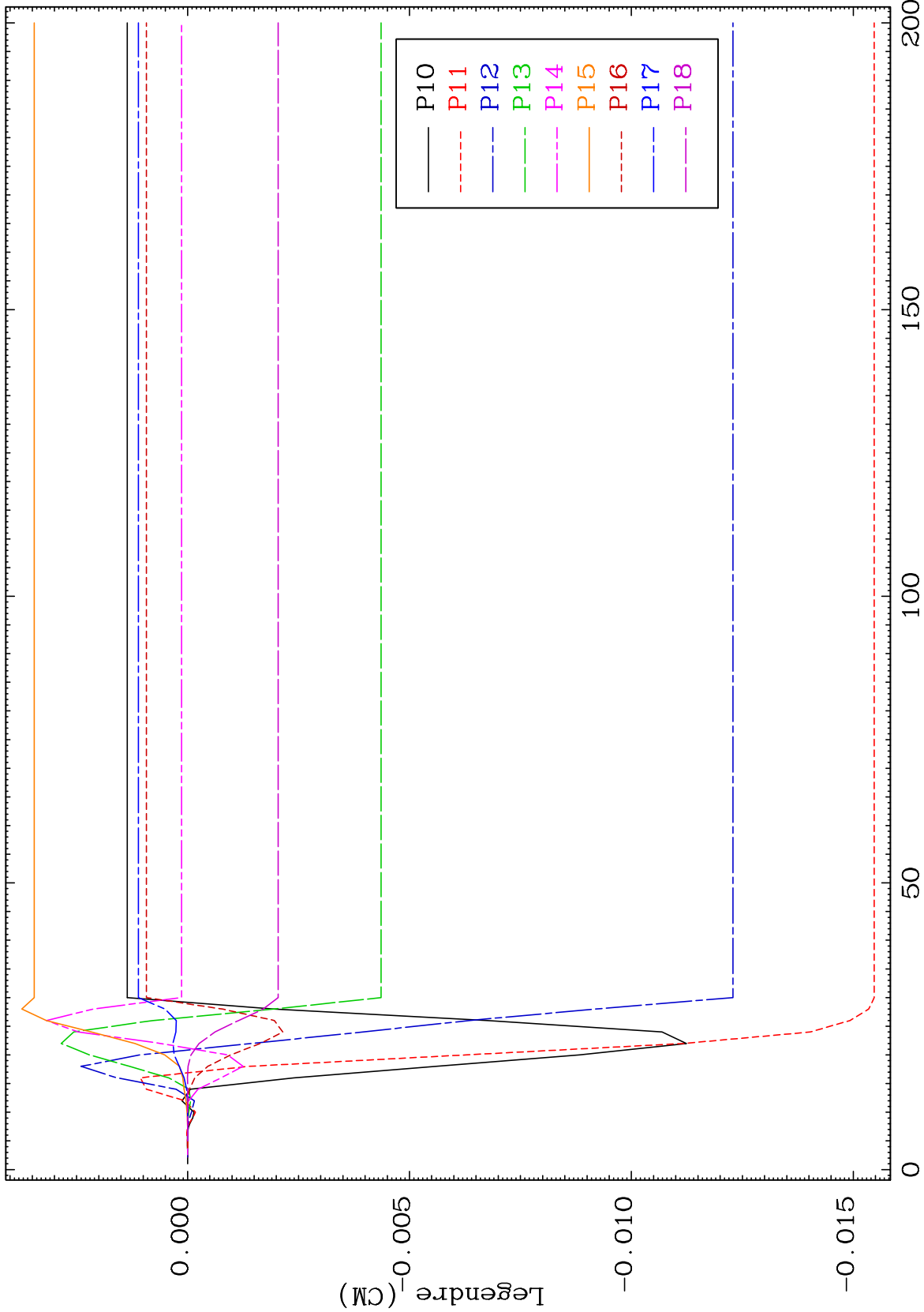
Incident Energy (MeV)

86

MAT 7822

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

78-Pt-189

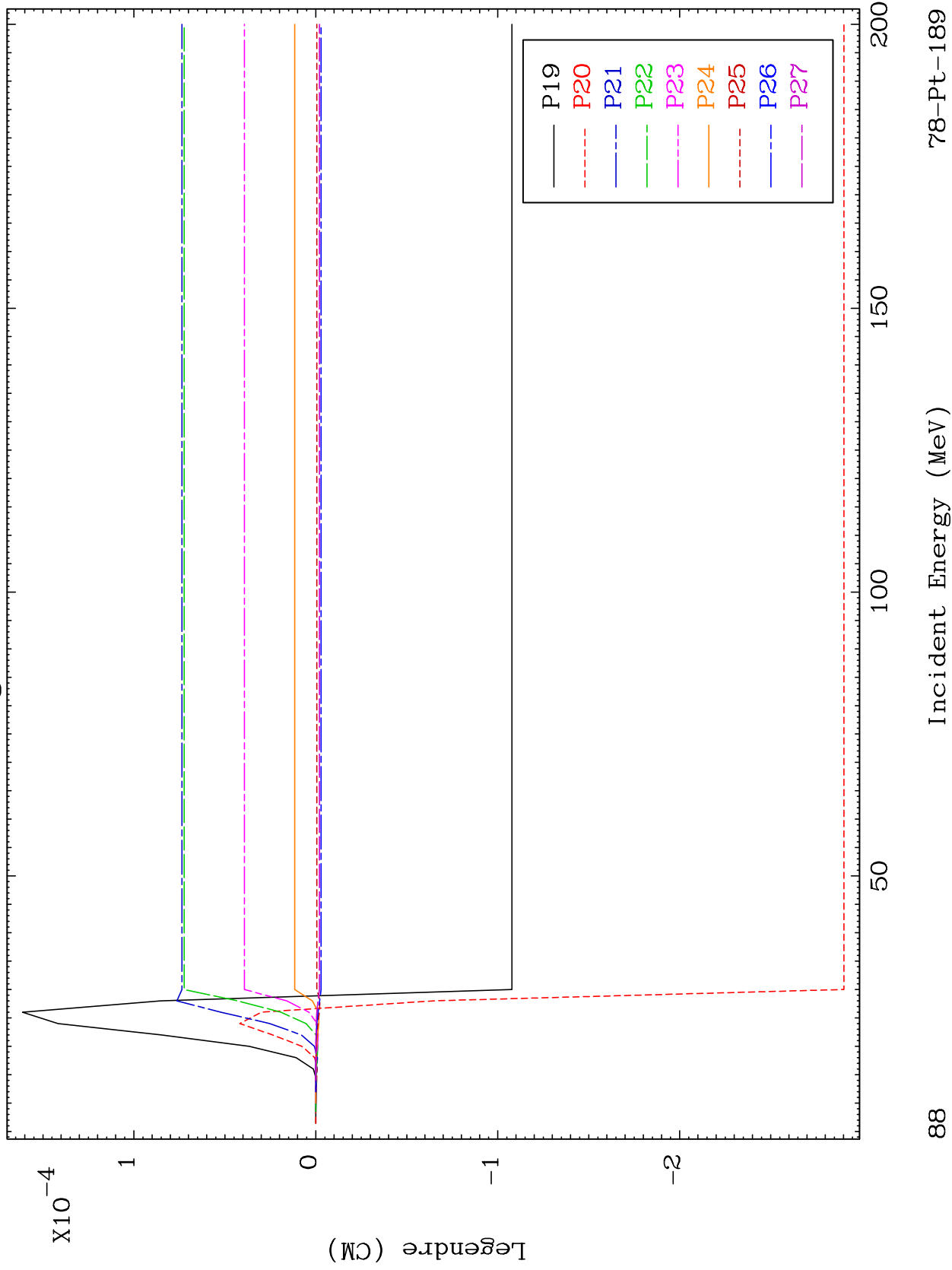


87

Incident Energy (MeV)

78-Pt-189

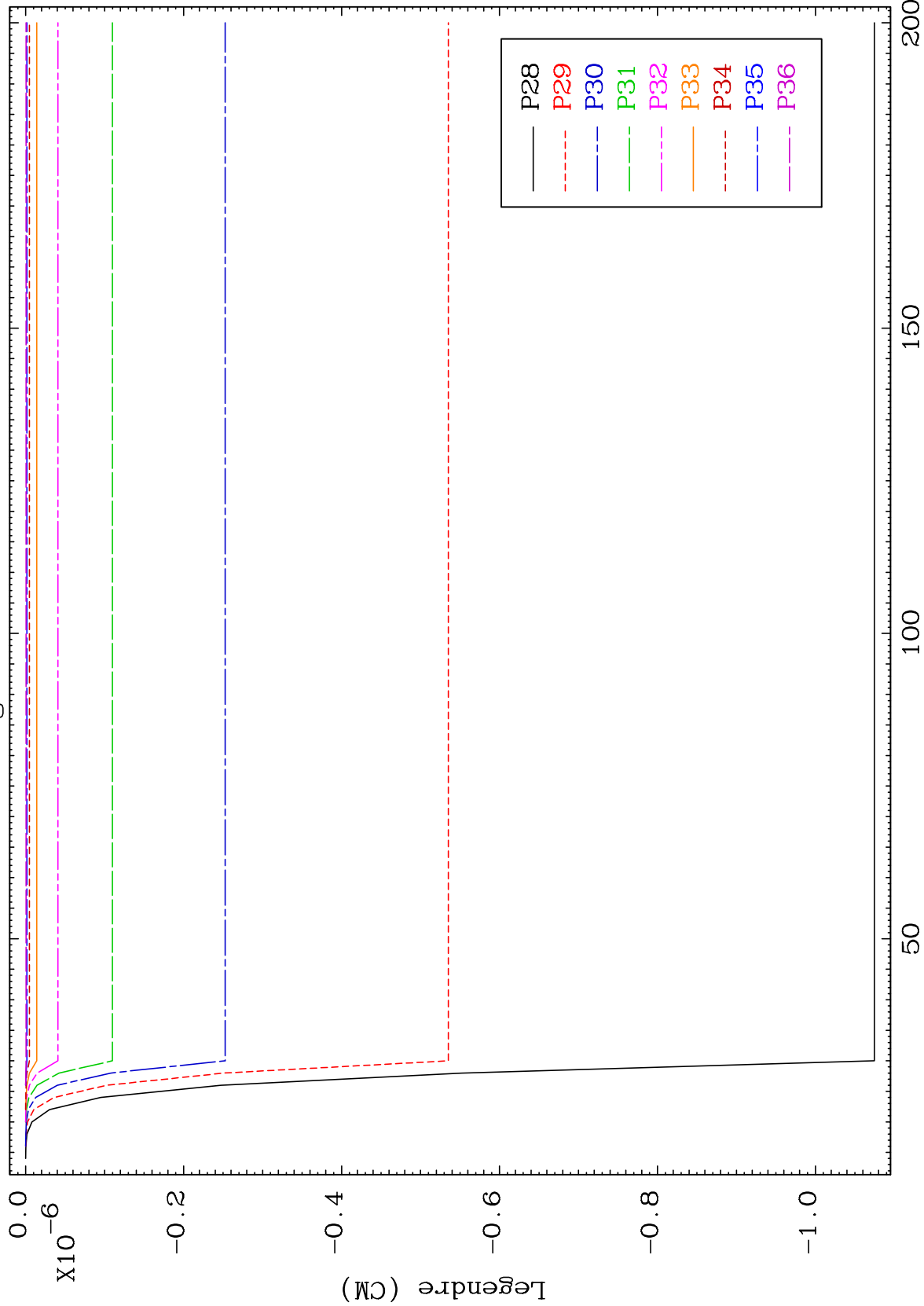




MAT 7822

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

78-Pt-189



78-Pt-189

Incident Energy (MeV)

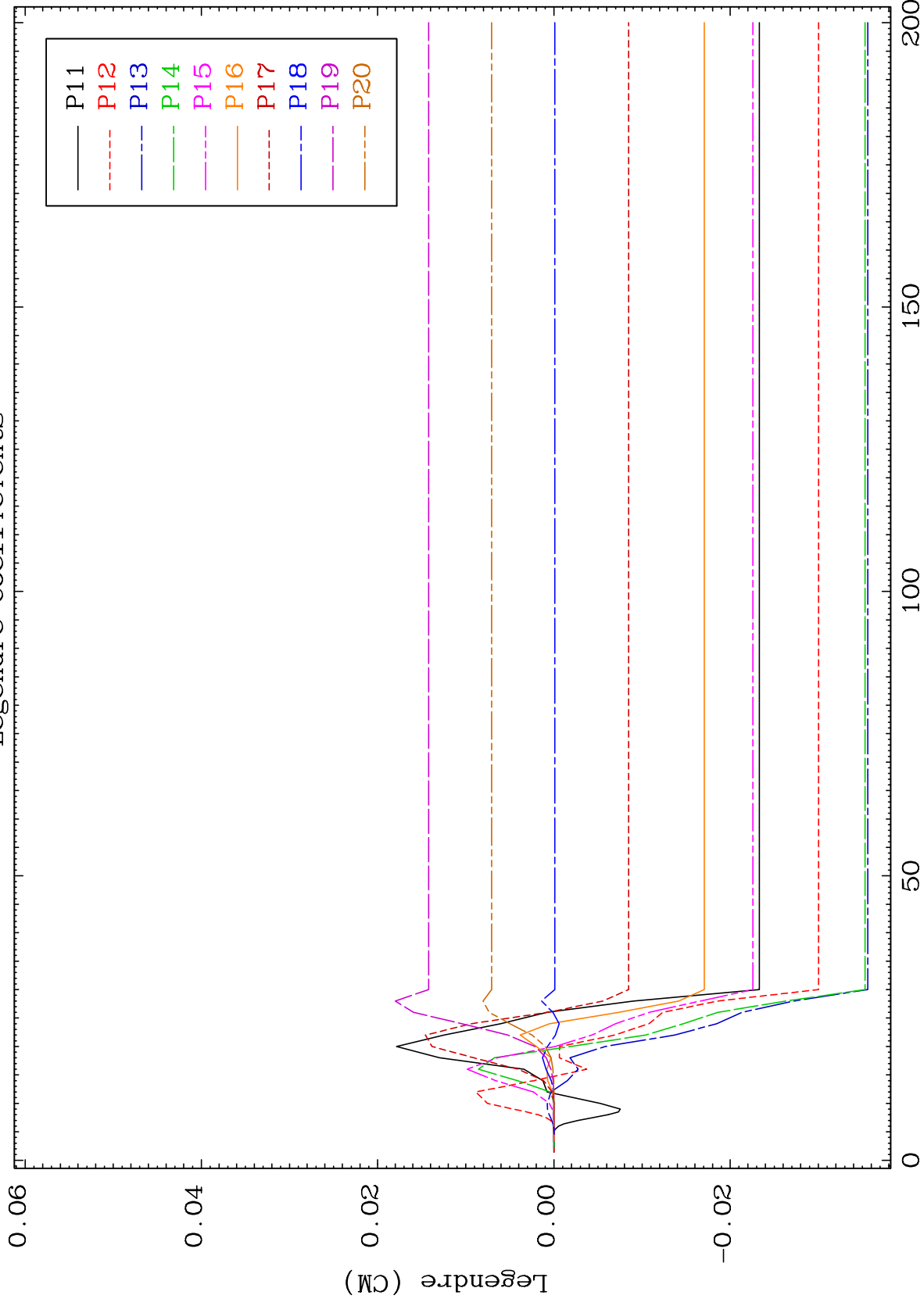
89



MAT 7822

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

78-Pt-189



91

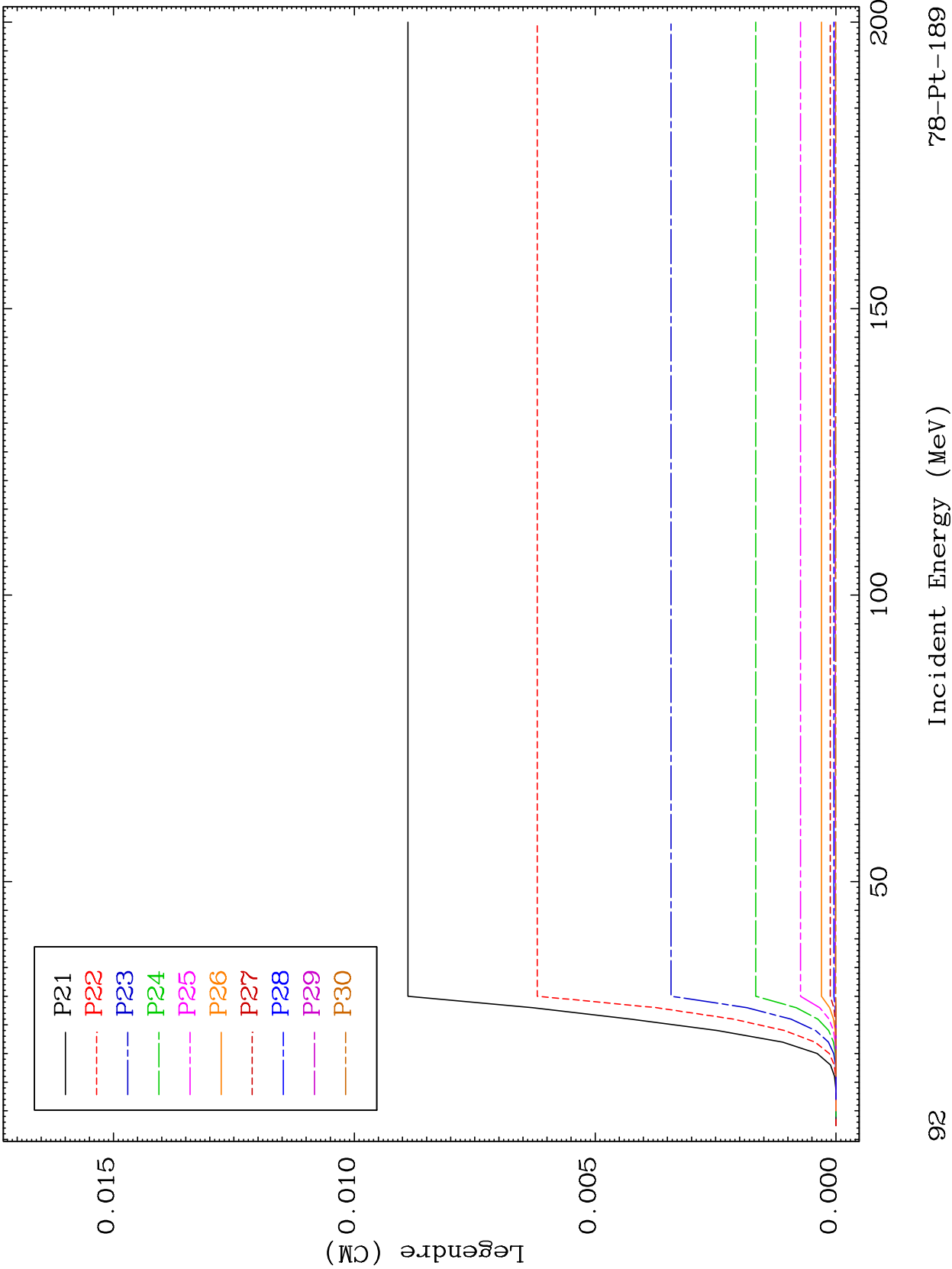
Incident Energy (MeV)

78-Pt-189

MAT 78222

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

78-Pt-189



92

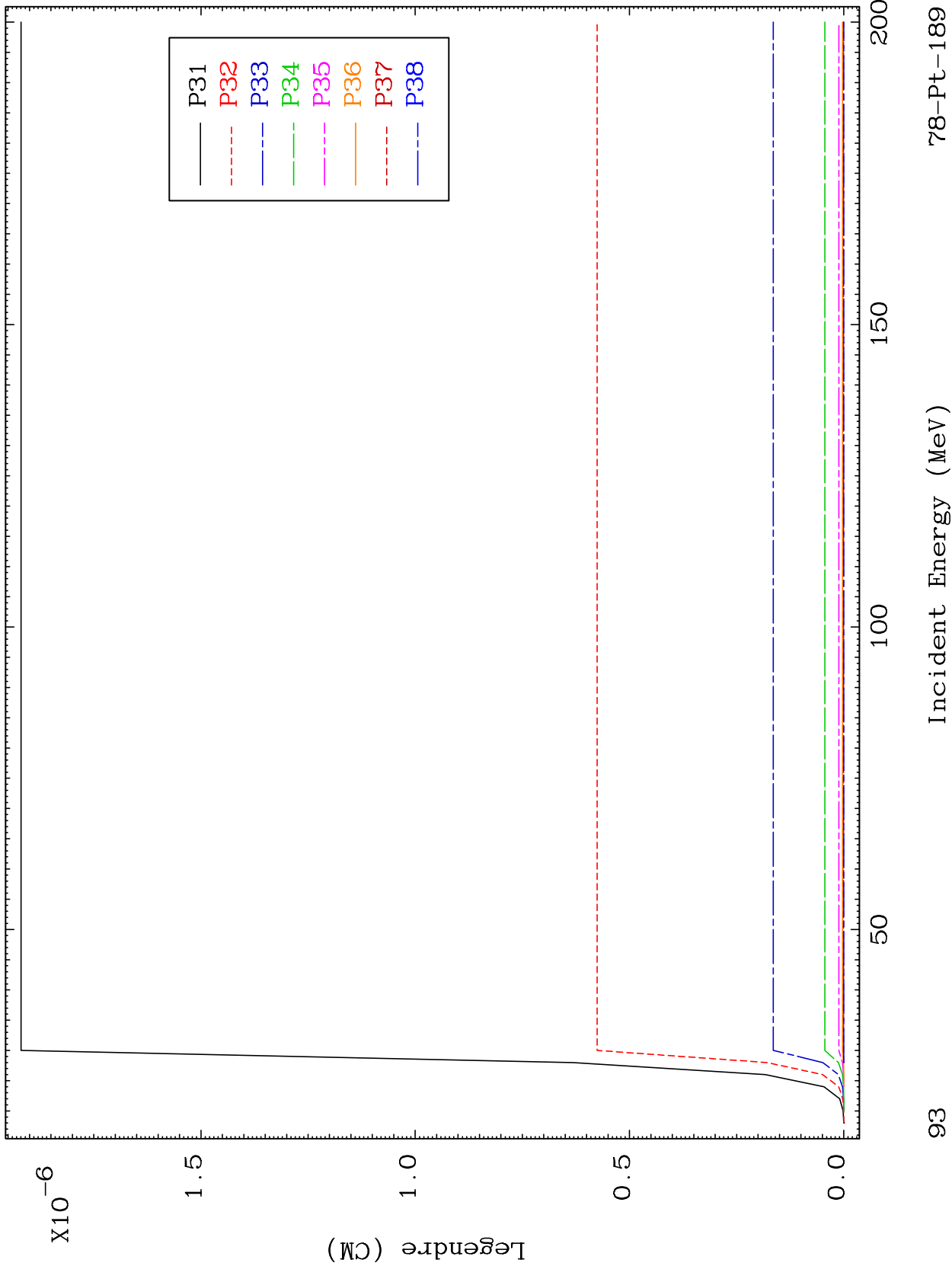
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

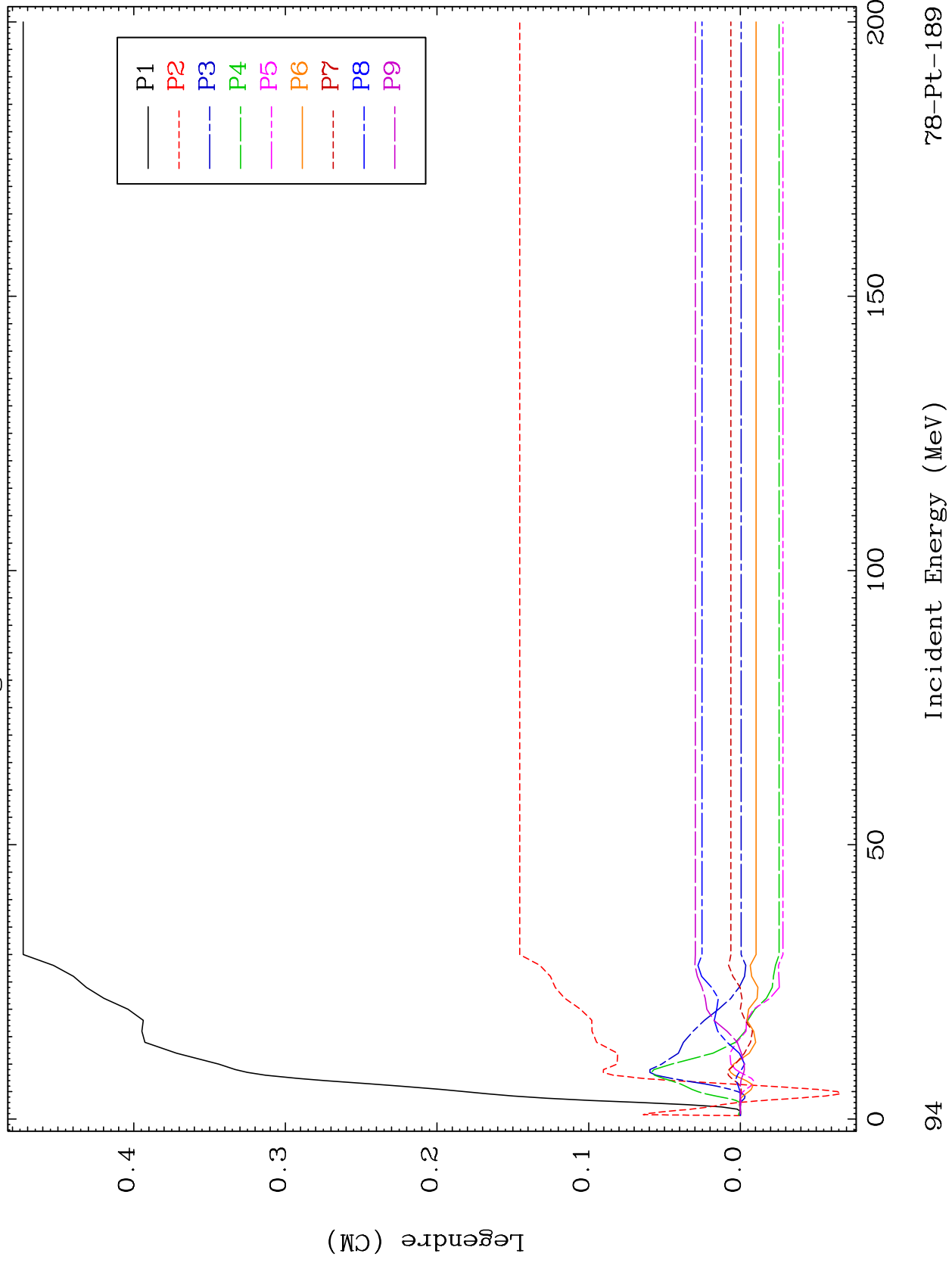
78-Pt-189



MAT 7822

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

78-Pt-189



94

Incident Energy (MeV)

78-Pt-189

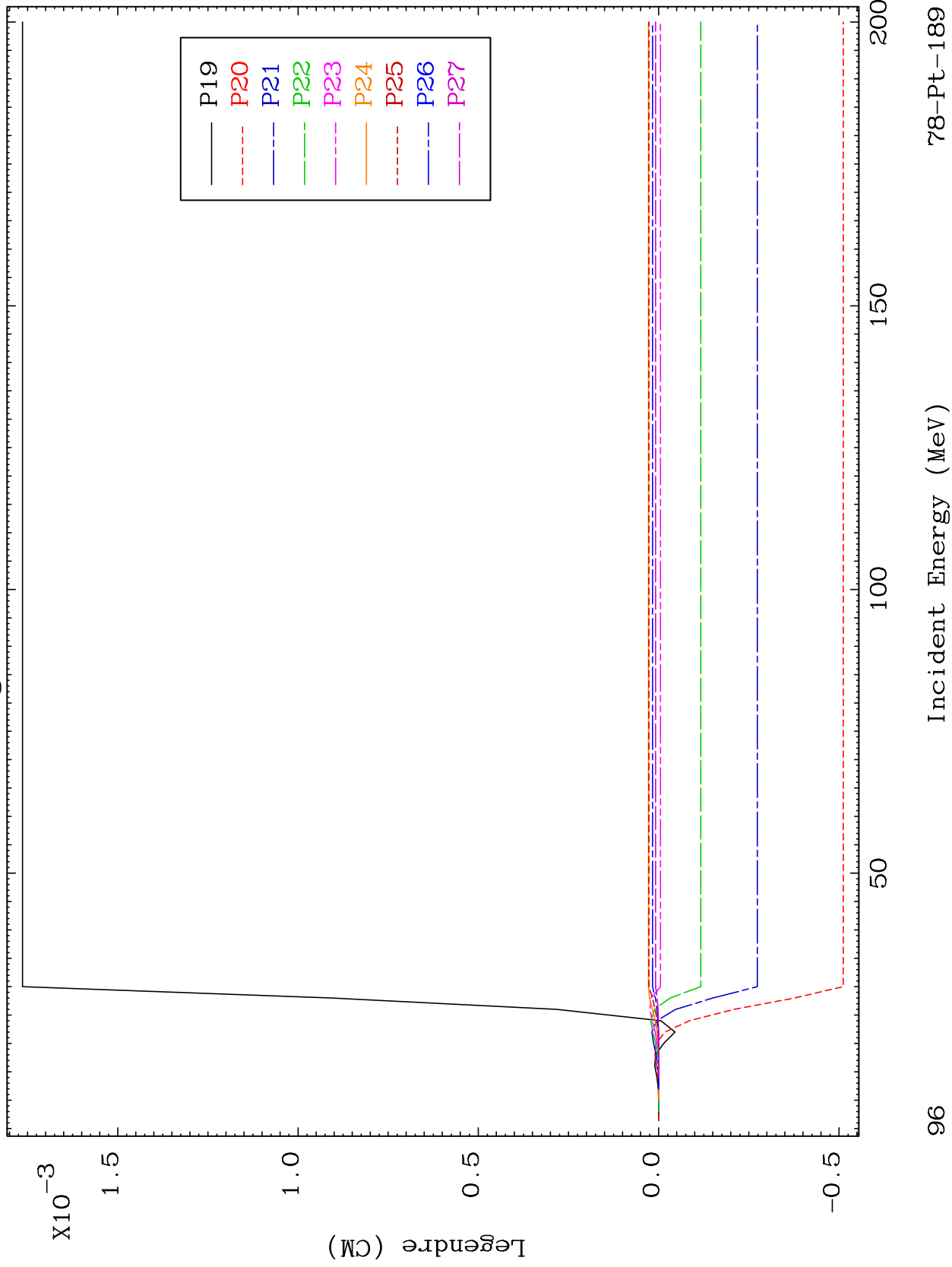




MAT 7822

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

78-Pt-189



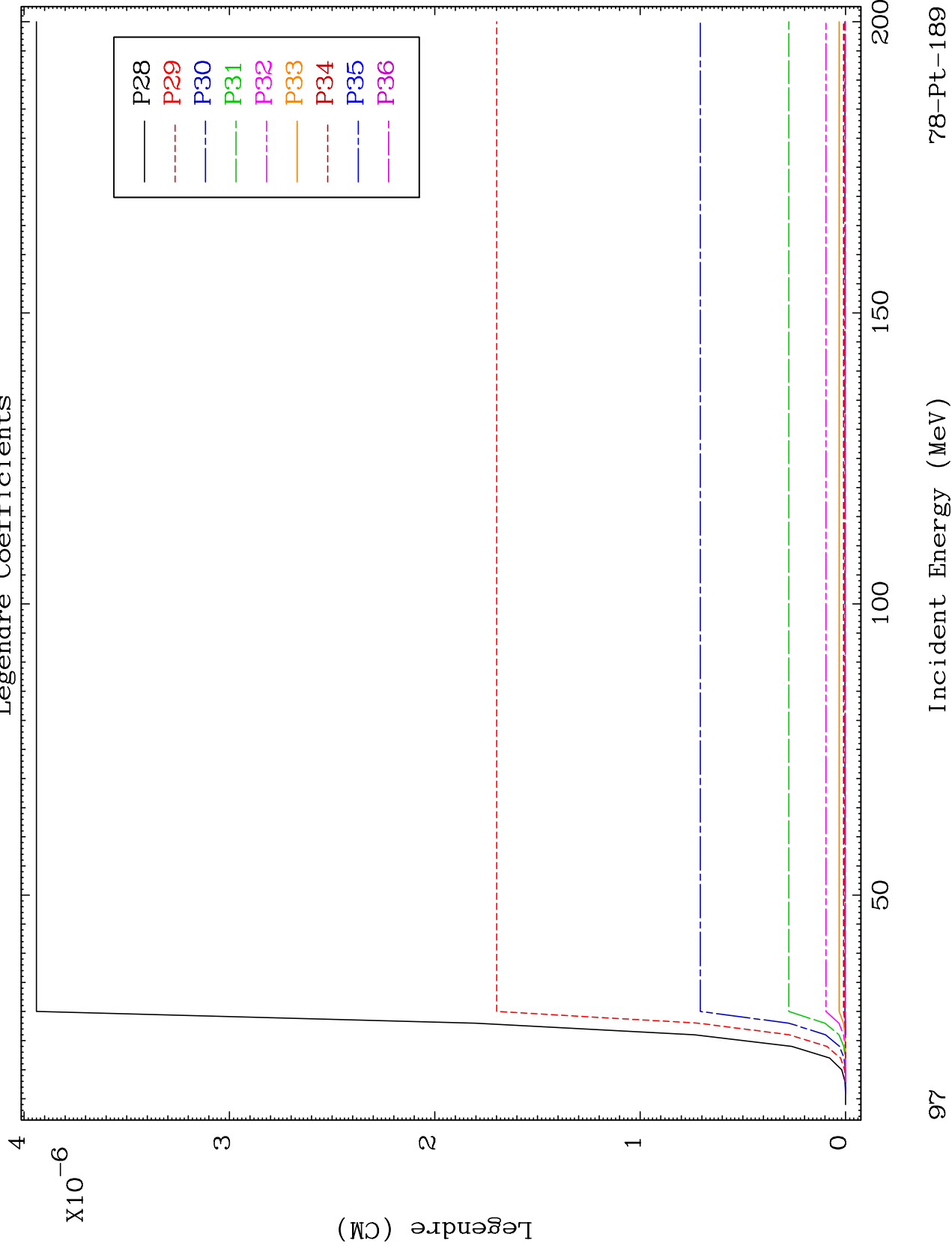
96

78-Pt-189

MAT 7822

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

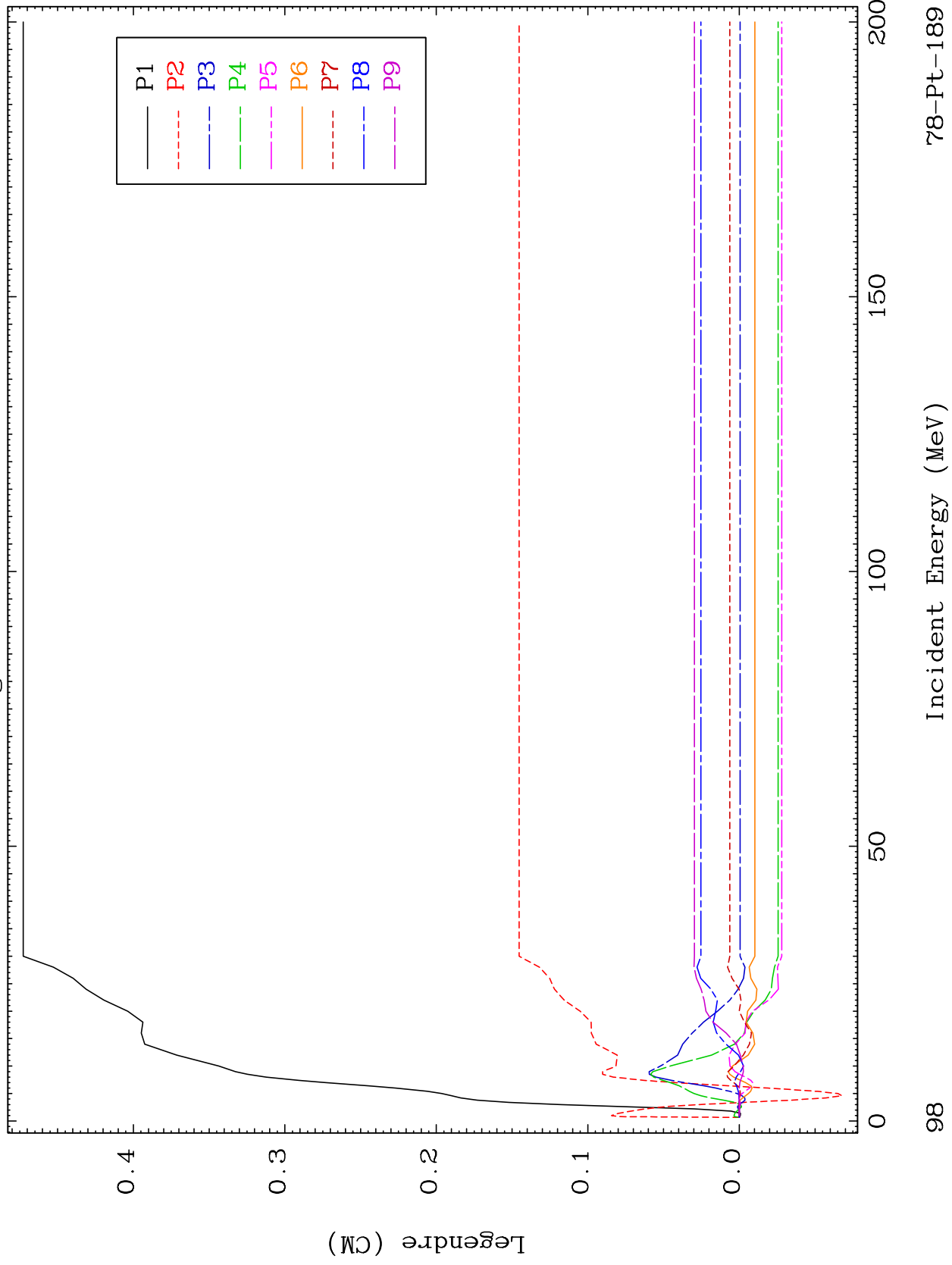
78-Pt-189



MAT 7822

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

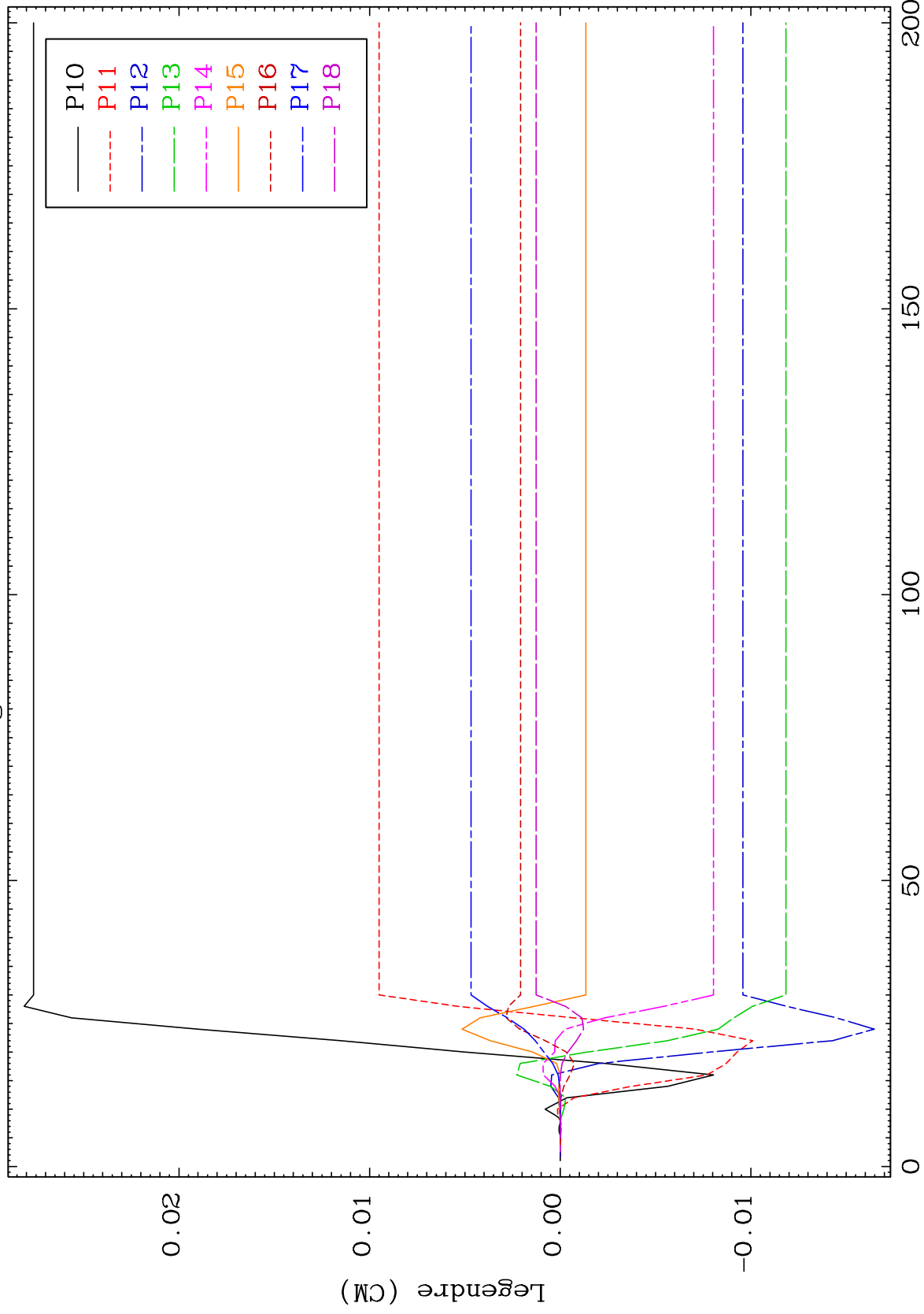
78-Pt-189



MAT 7822

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

78-Pt-189



99

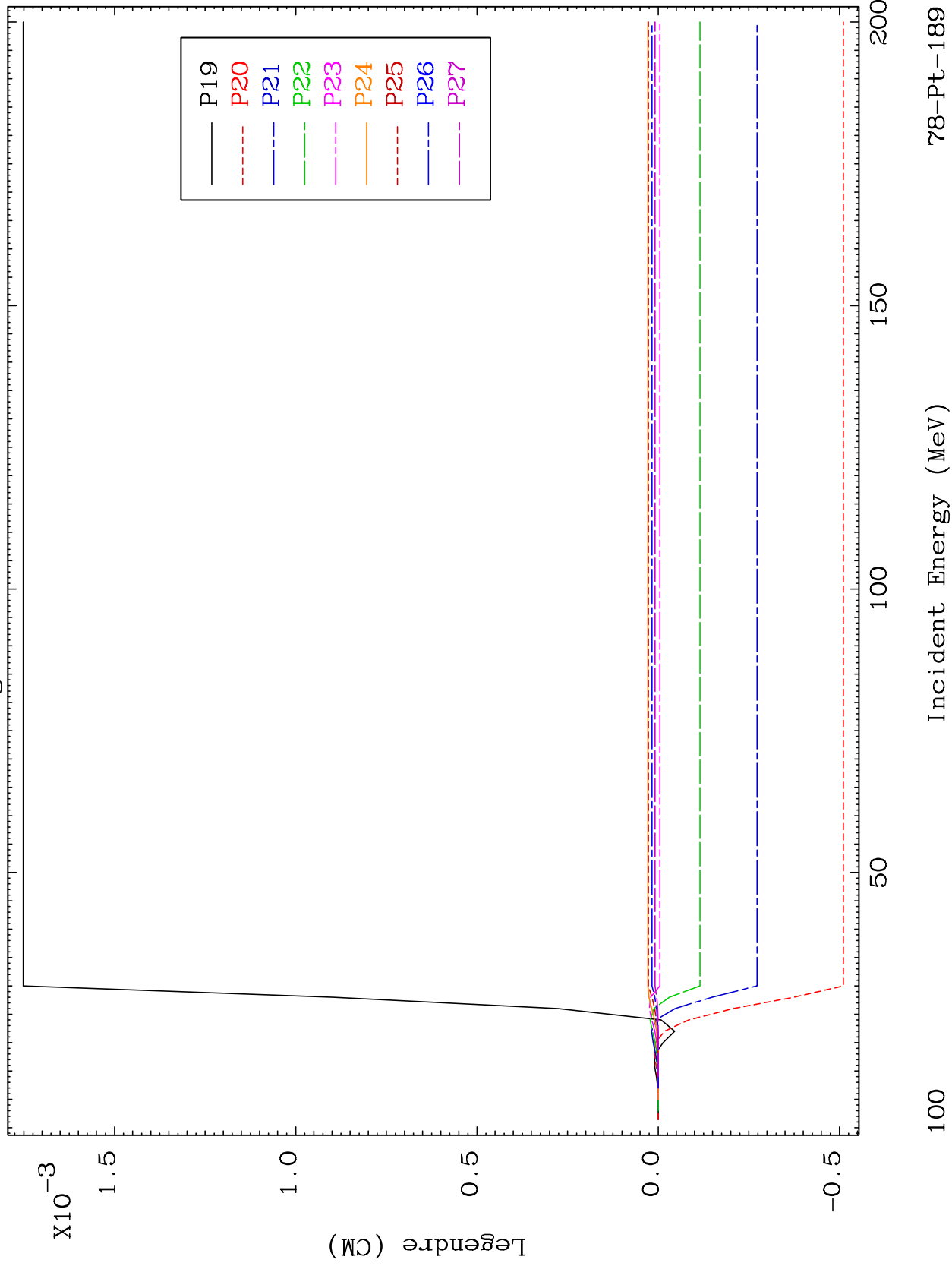
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

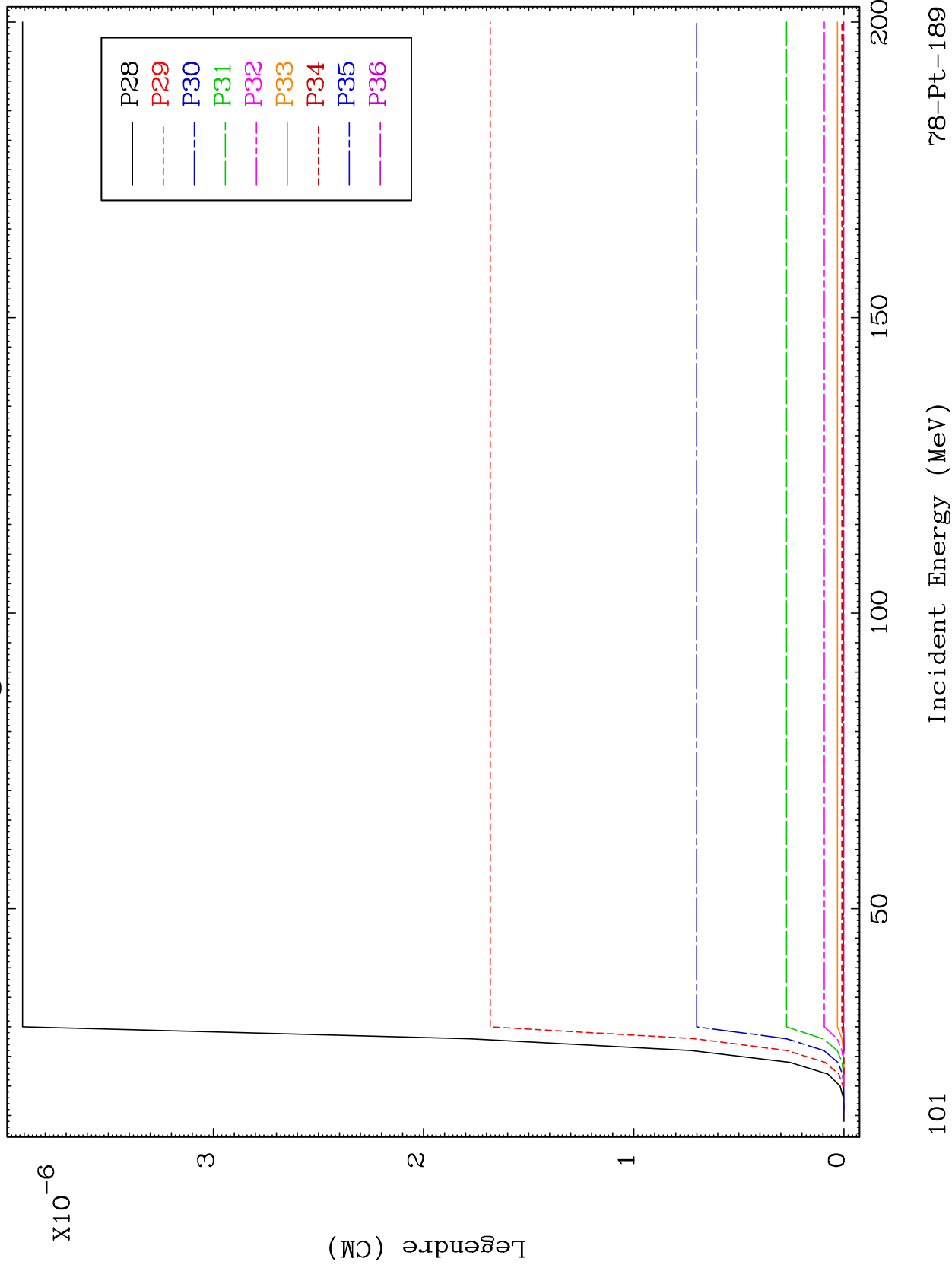
78-Pt-189



MAT 7822

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

78-Pt-189



101

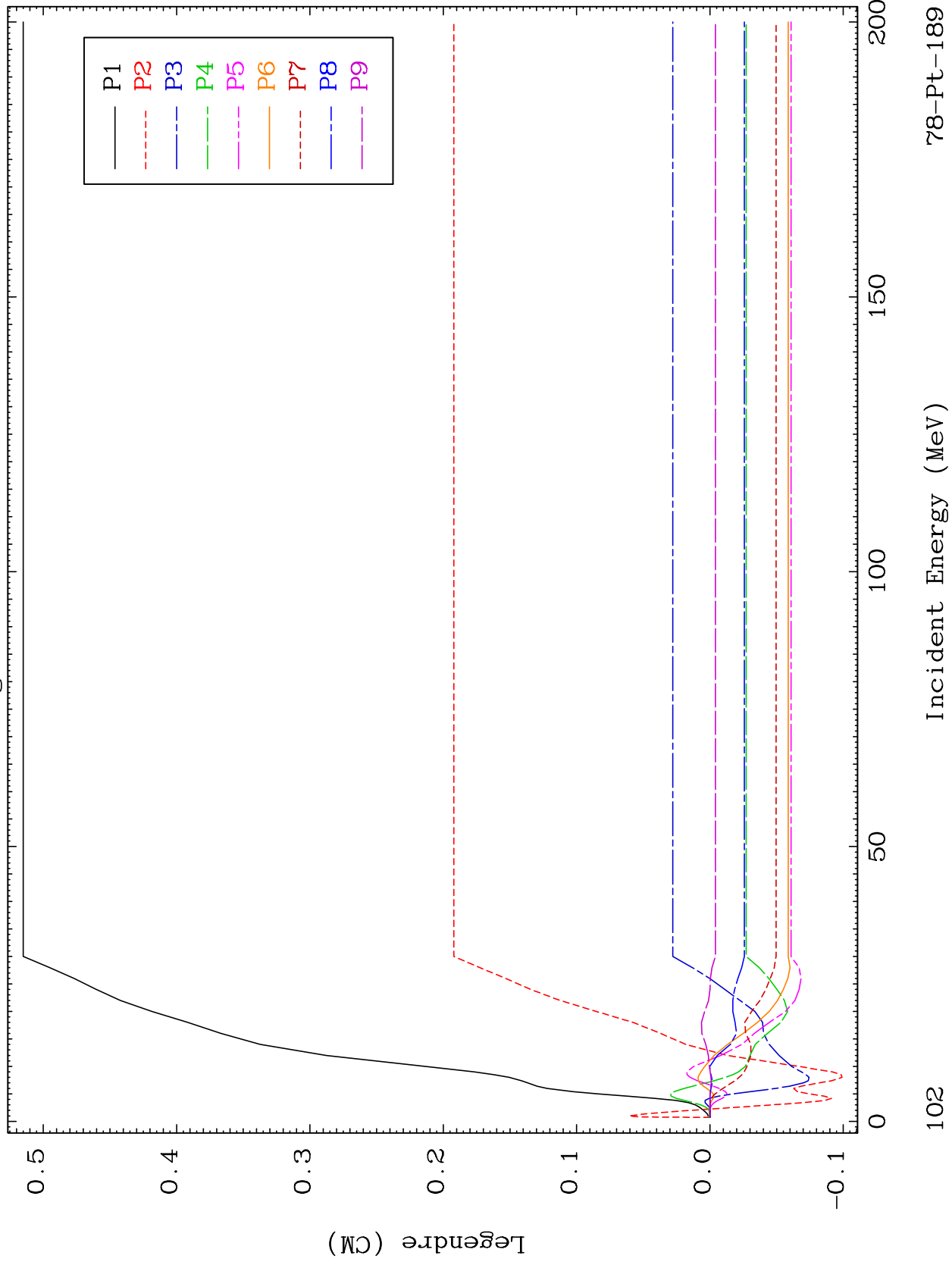
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



78-Pt-189

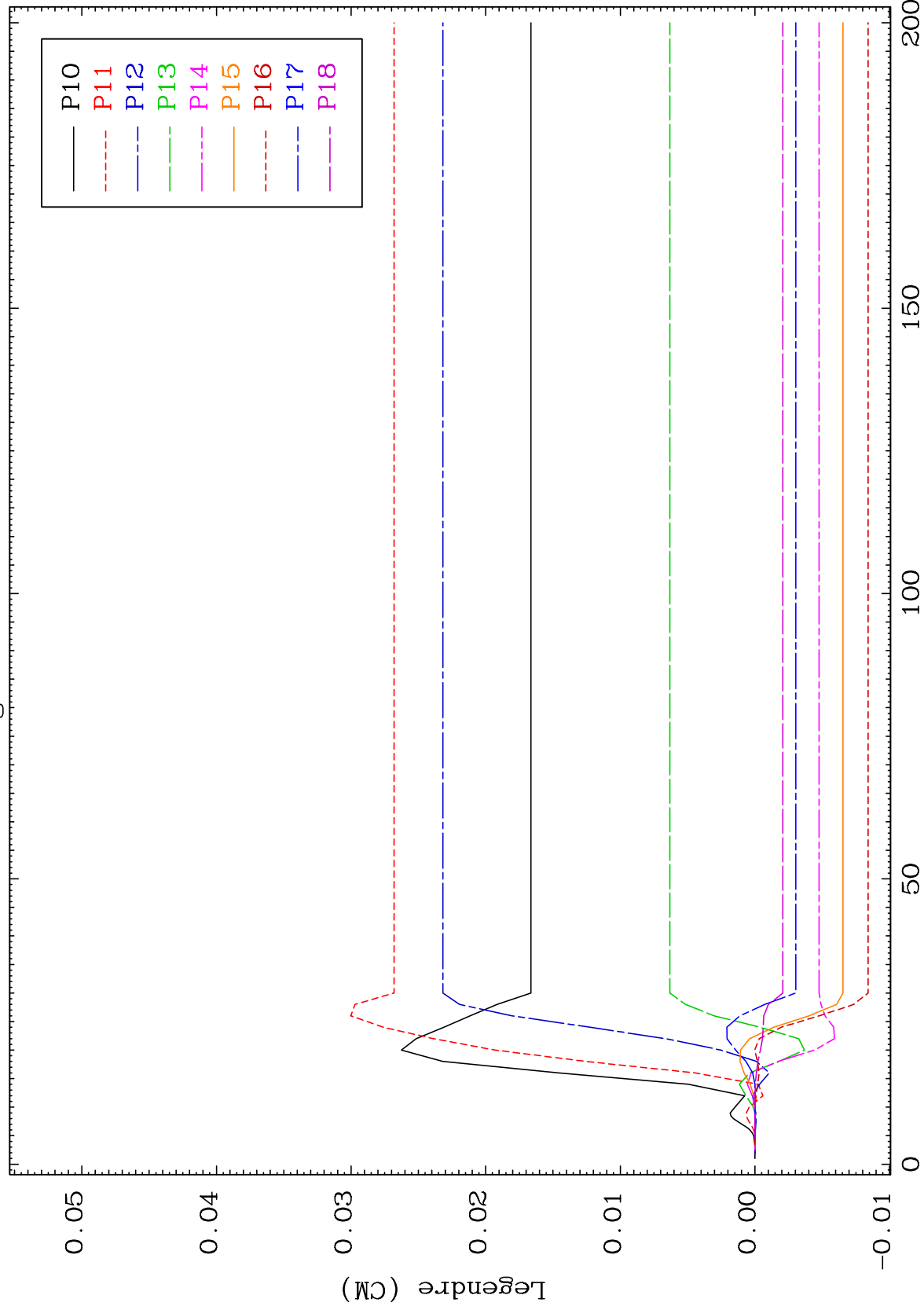
Incident Energy (MeV)

102

MAT 7822

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

78-Pt-189



103

Incident Energy (MeV)

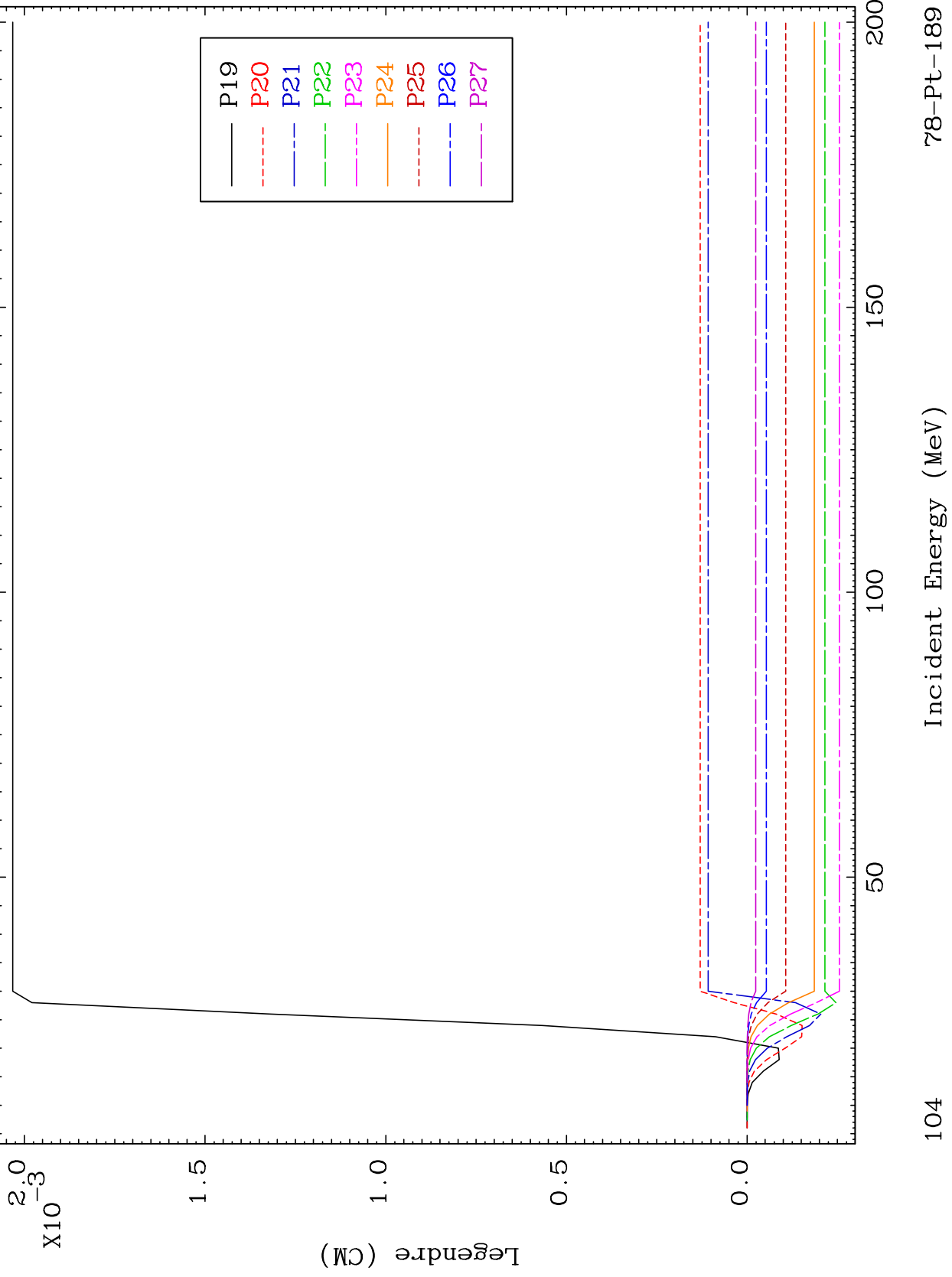
78-Pt-189



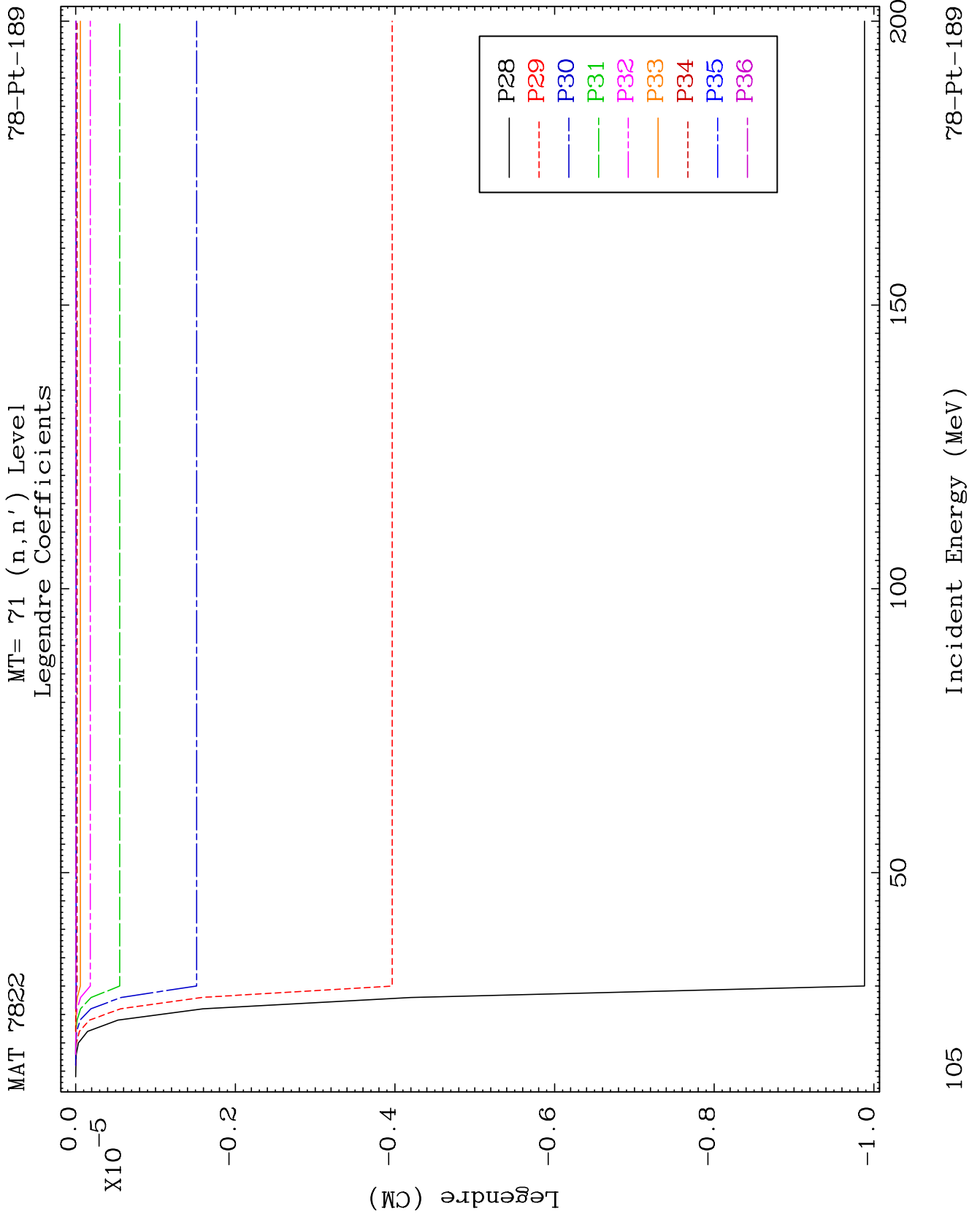
MAT 7822

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

78-Pt-189



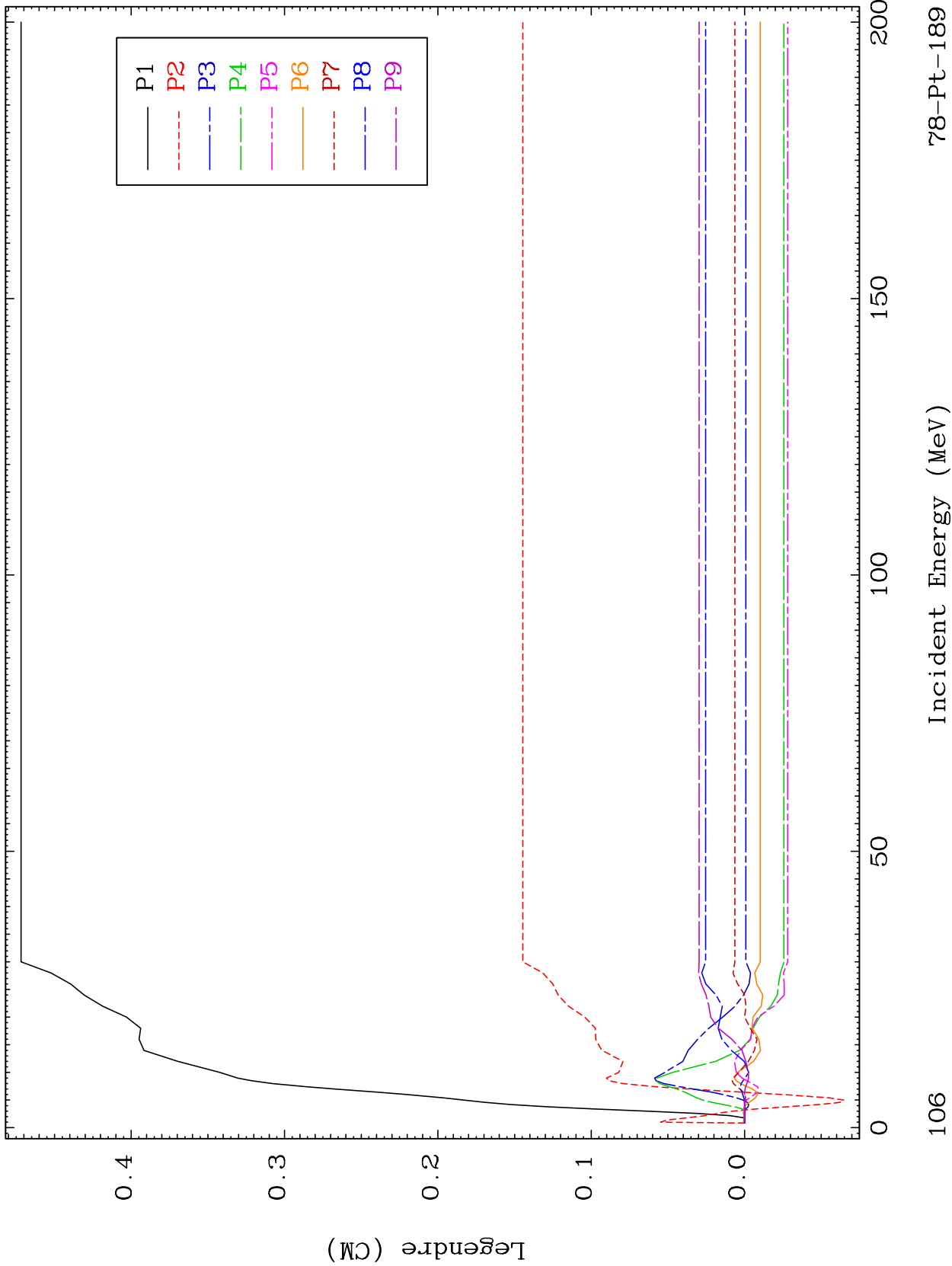
104



MAT 7822

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

78-Pt-189



78-Pt-189

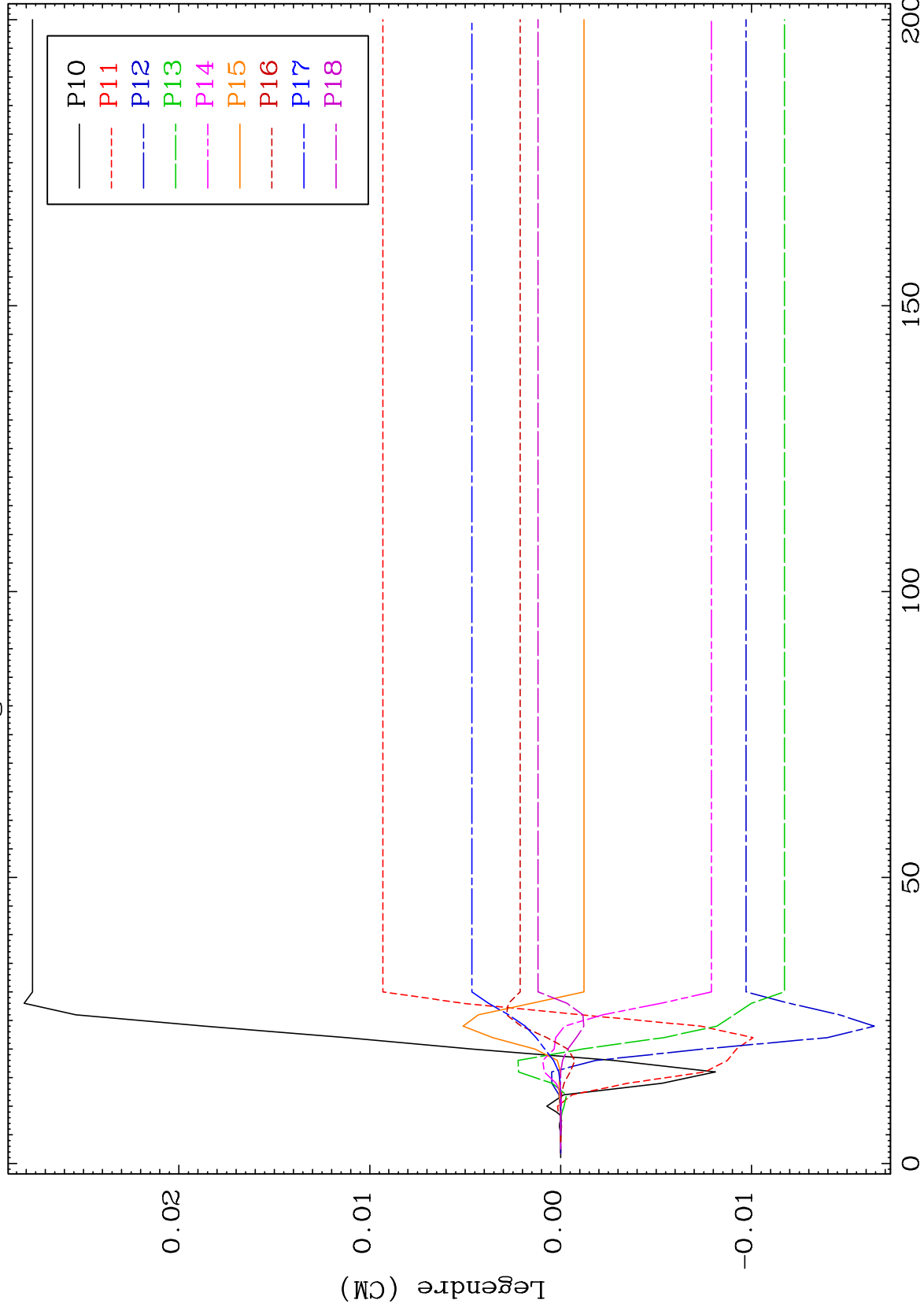
Incident Energy (MeV)

106

MAT 7822

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

78-Pt-189



107

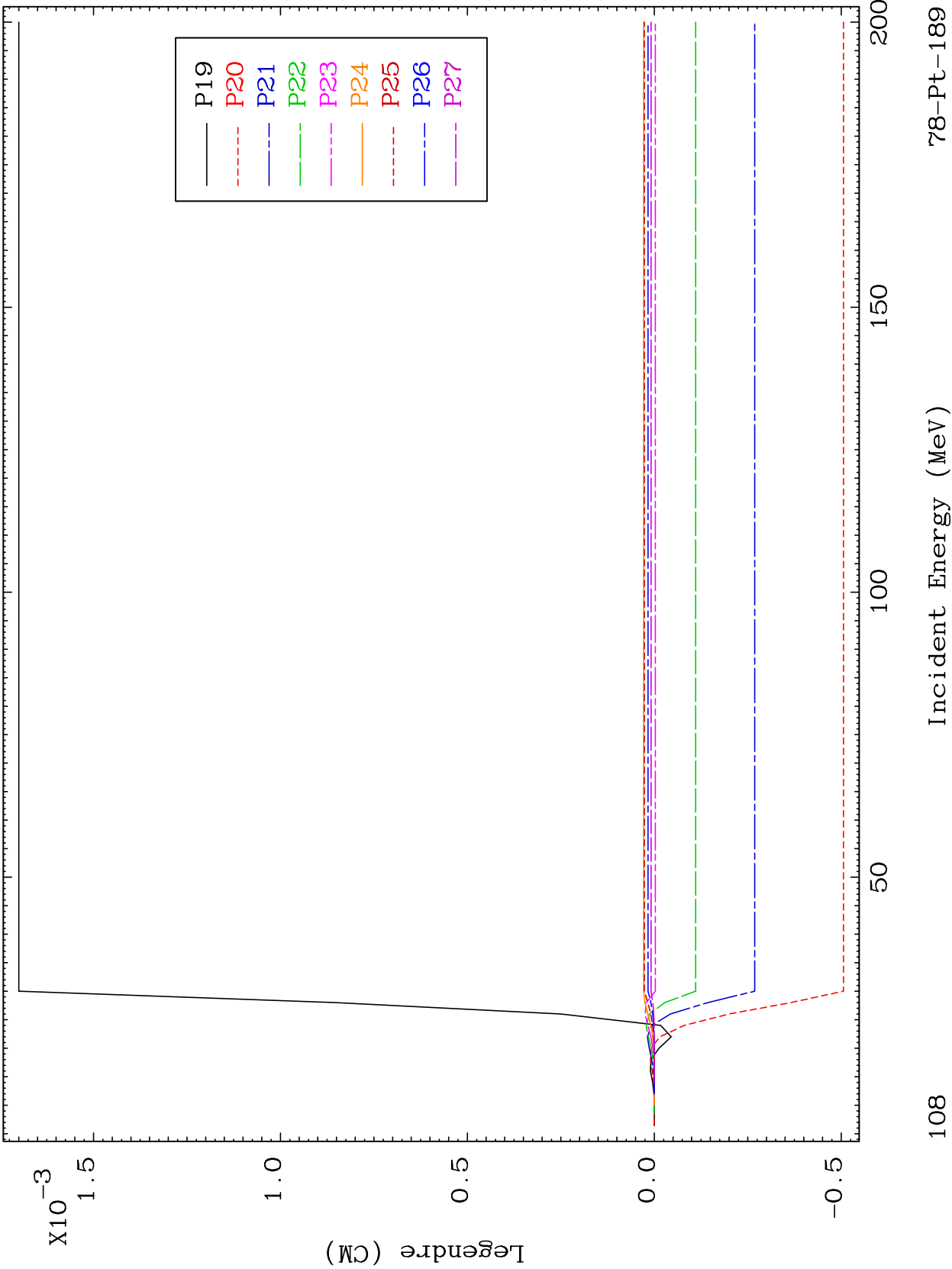
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

78-Pt-189



108

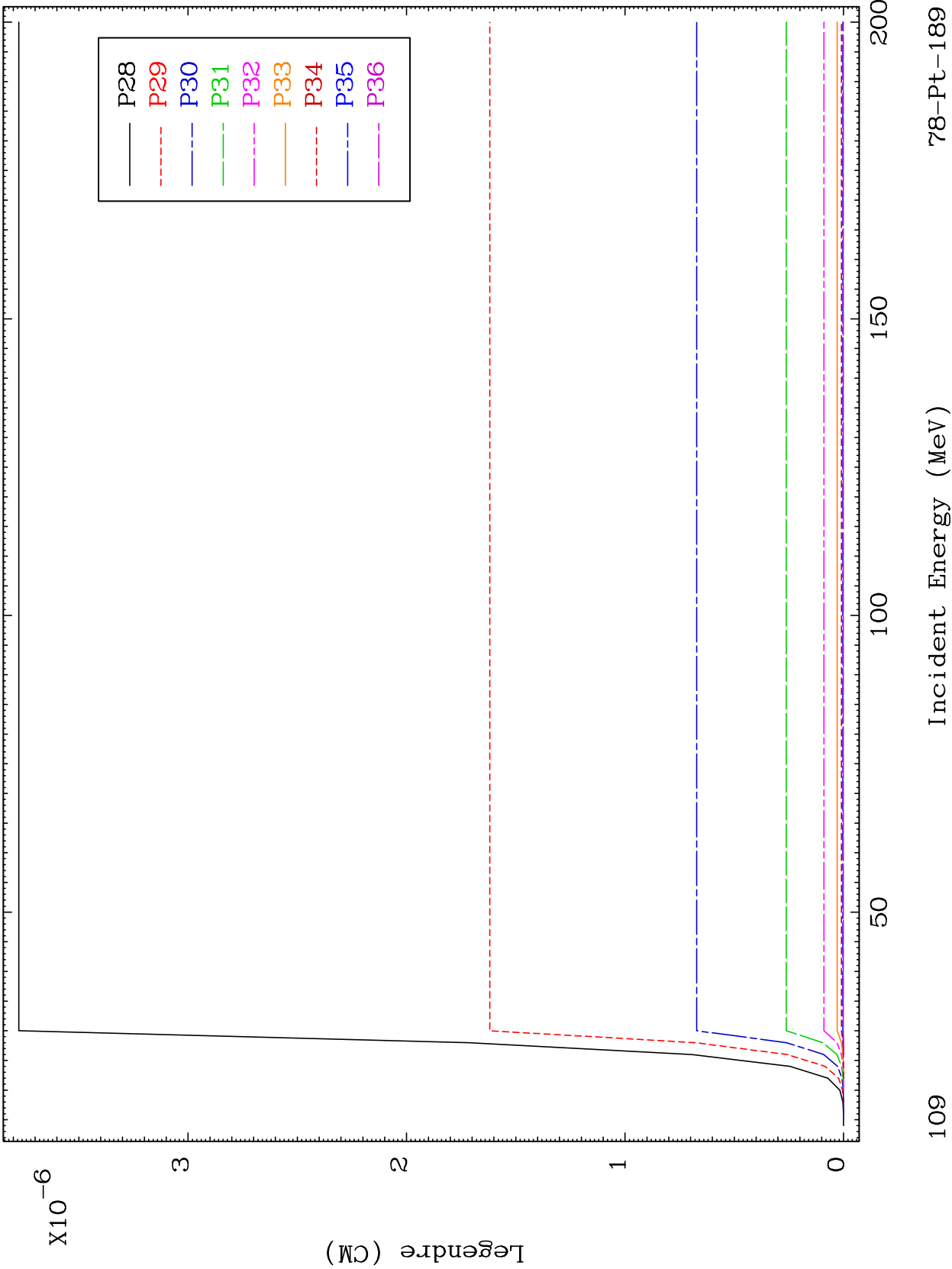
Incident Energy (MeV)

78-Pt-189

MAT 7822

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

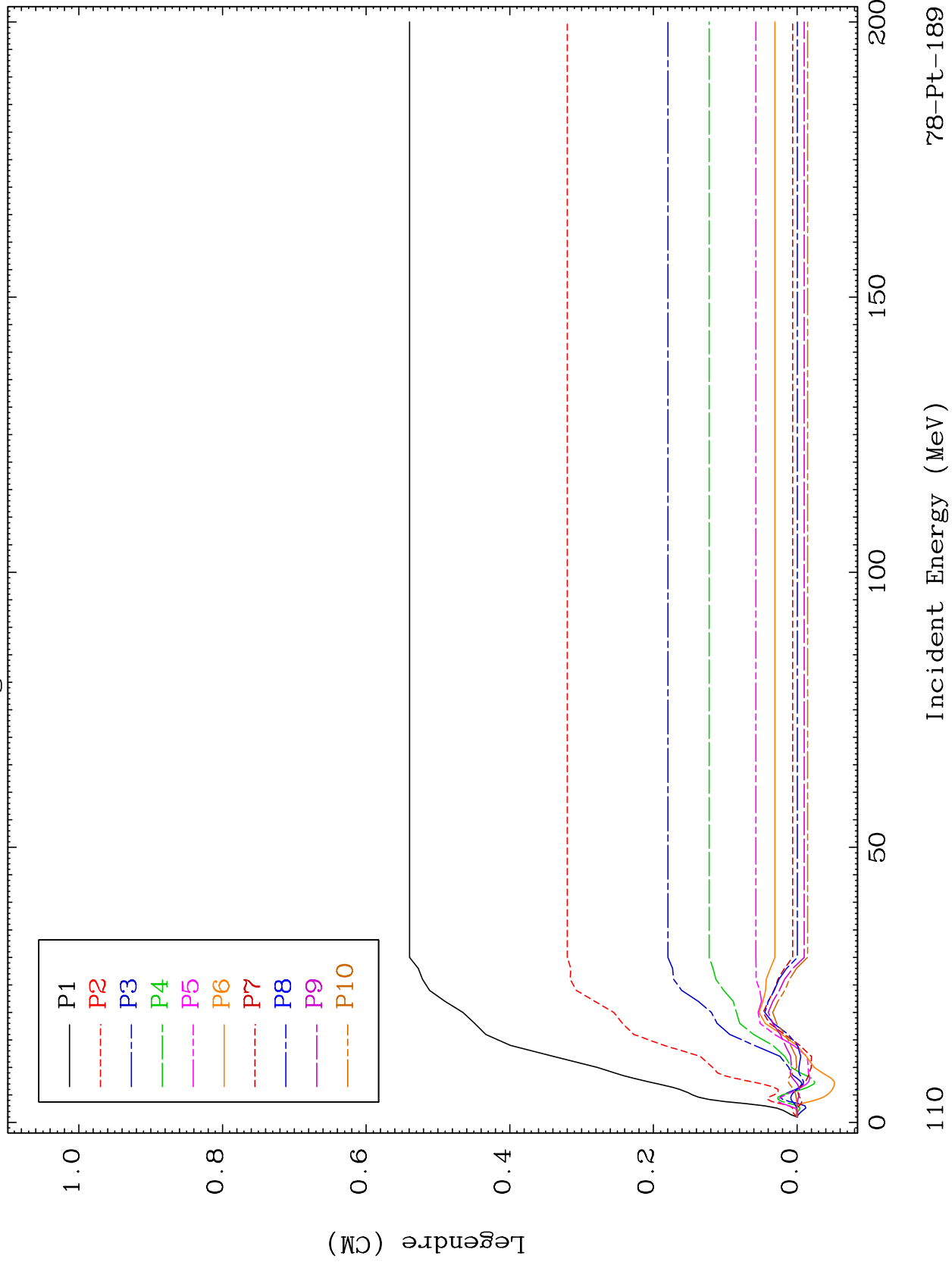
78-Pt-189



MAT 7822

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

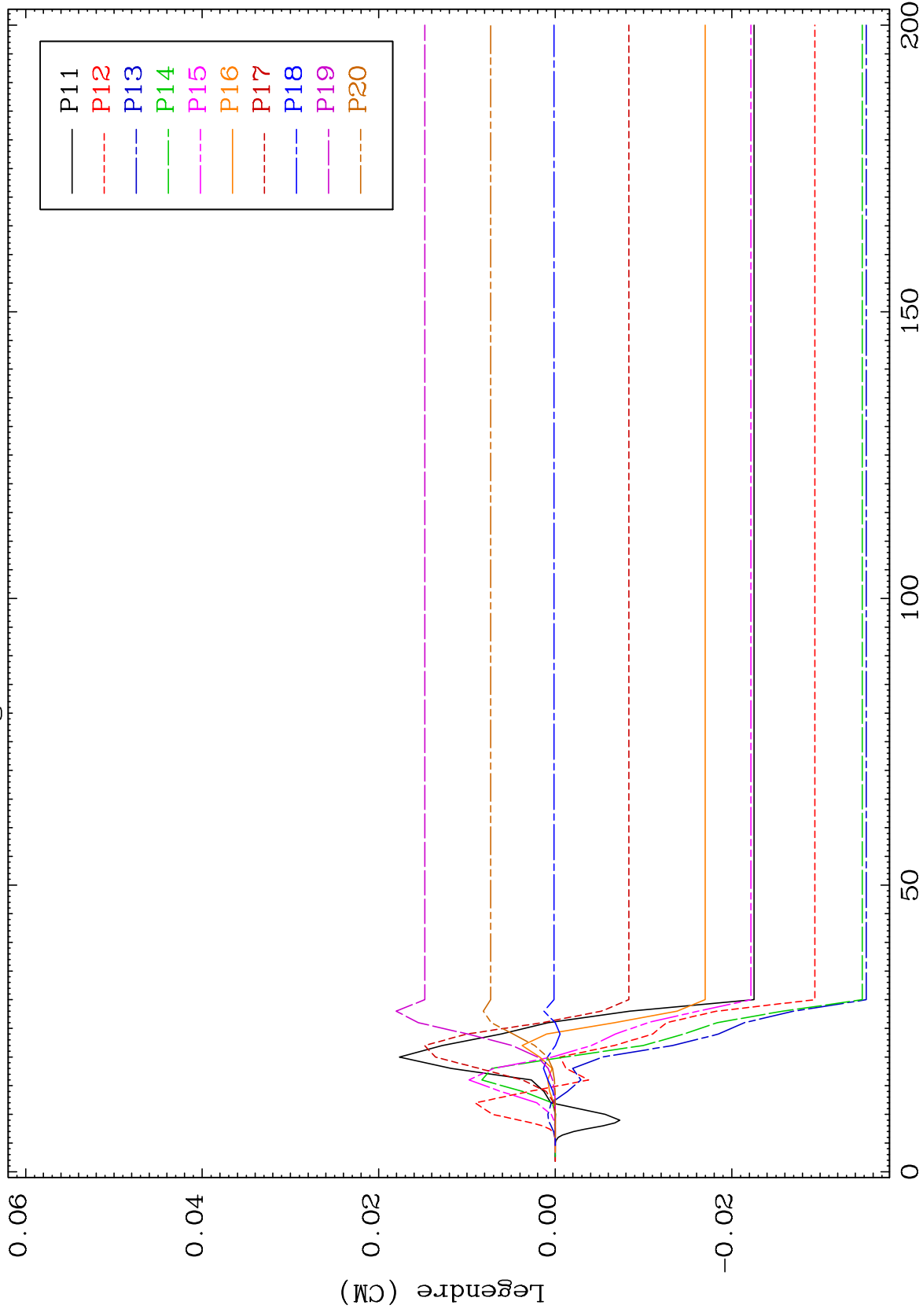
78-Pt-189



MAT 78222

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

78-Pt-189

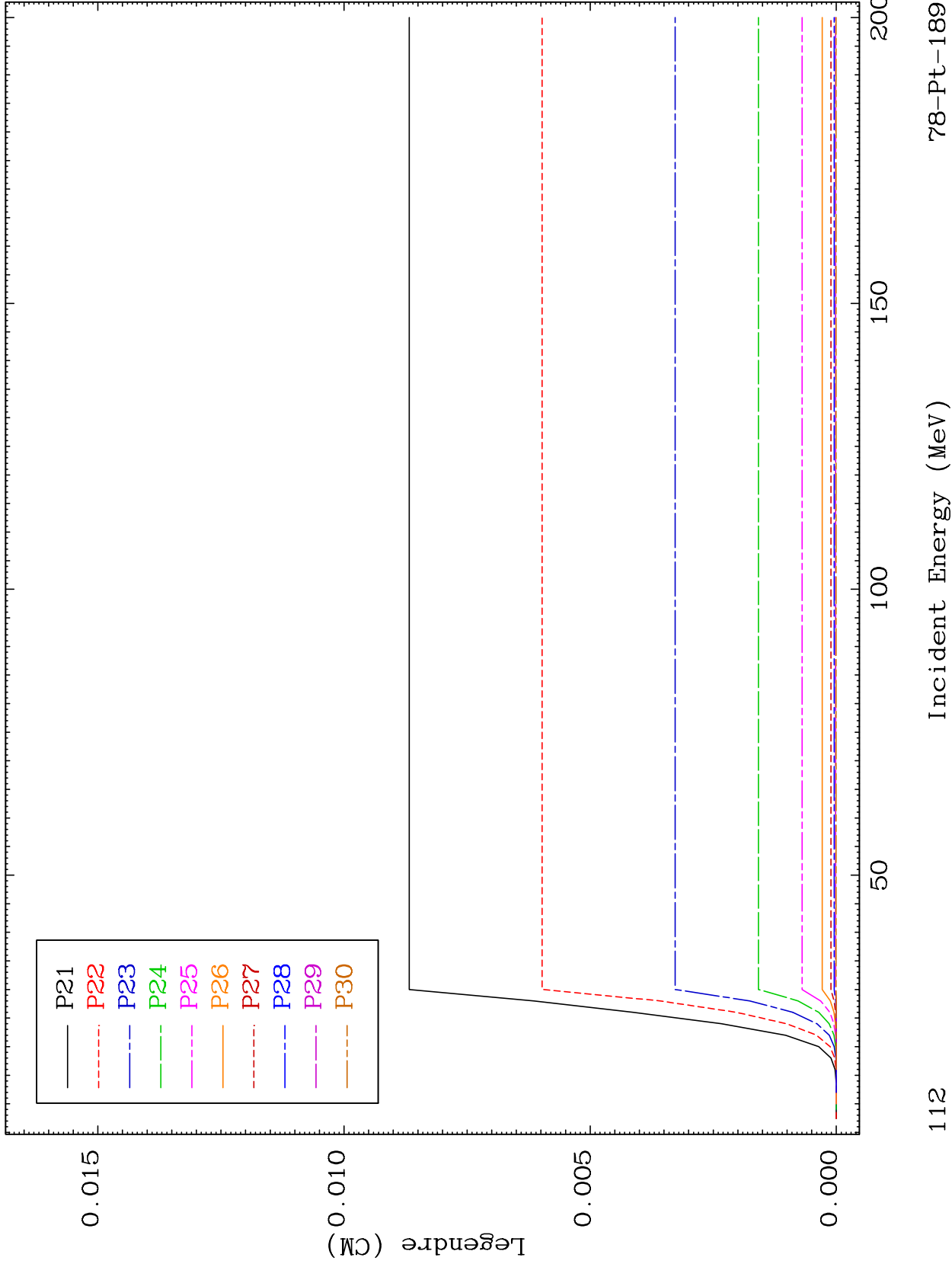


111

Incident Energy (MeV)

78-Pt-189

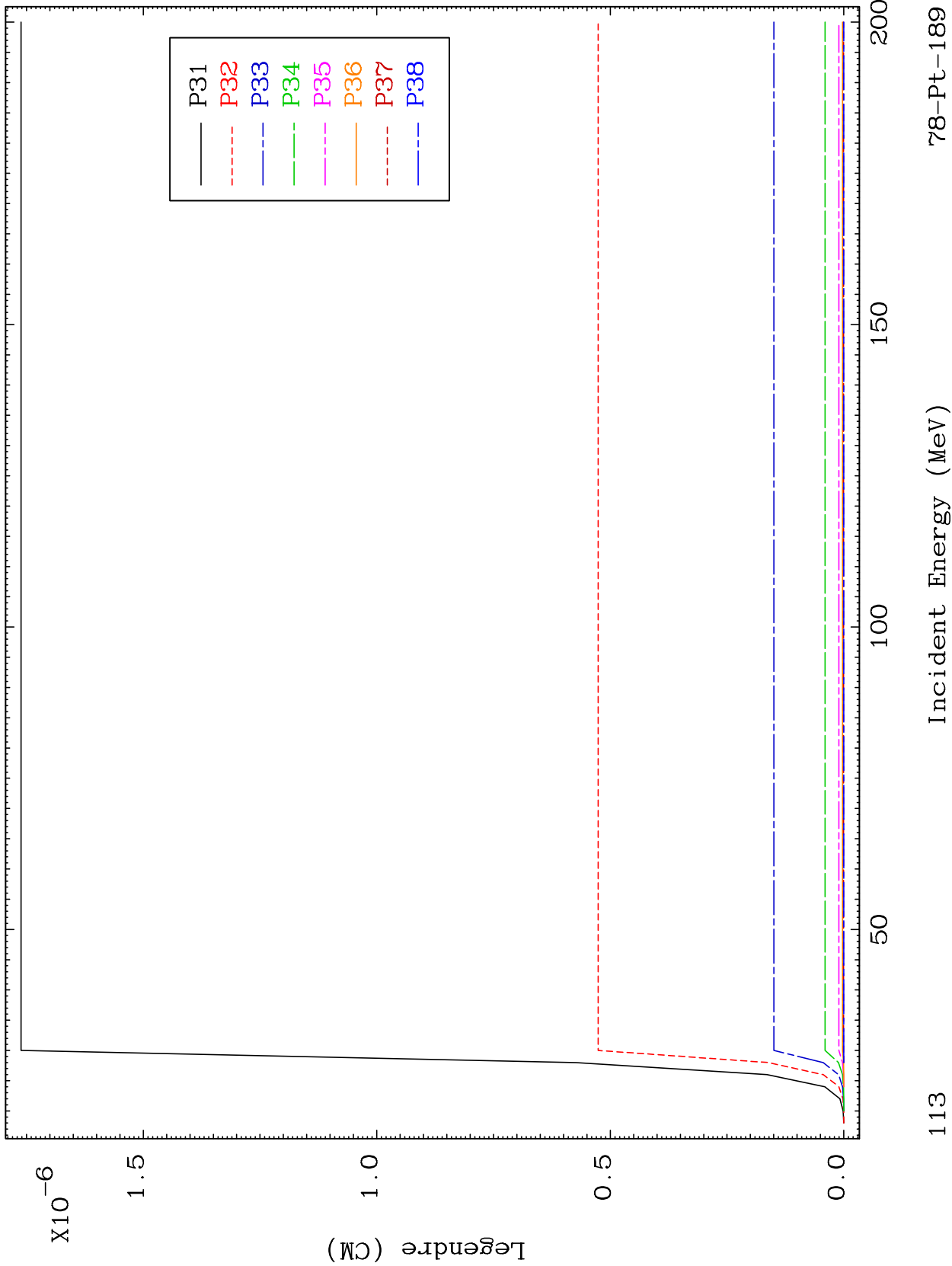




MAT 7822

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

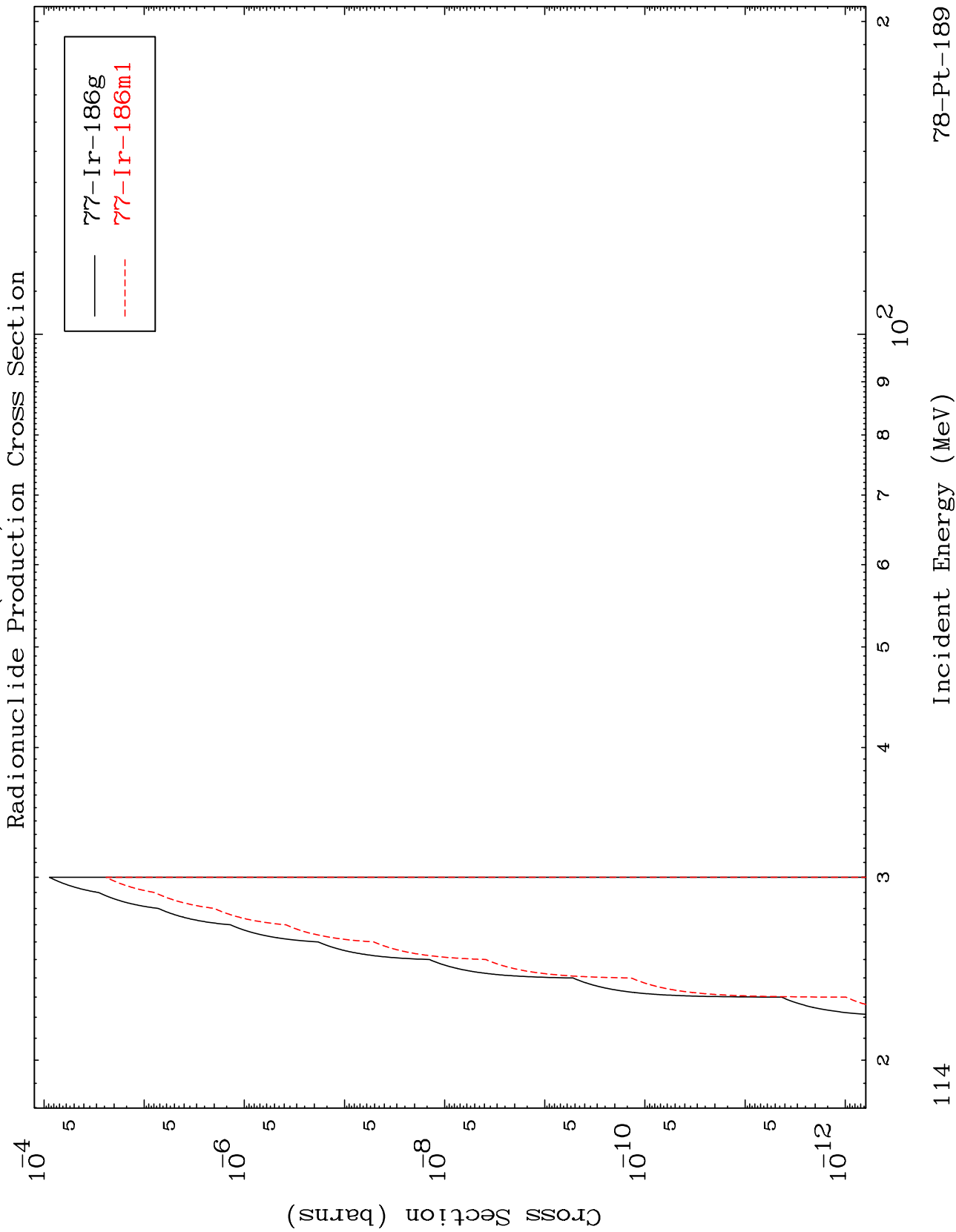
78-Pt-189



MAT 78222

(n,2n) d

78-Pt-189



114

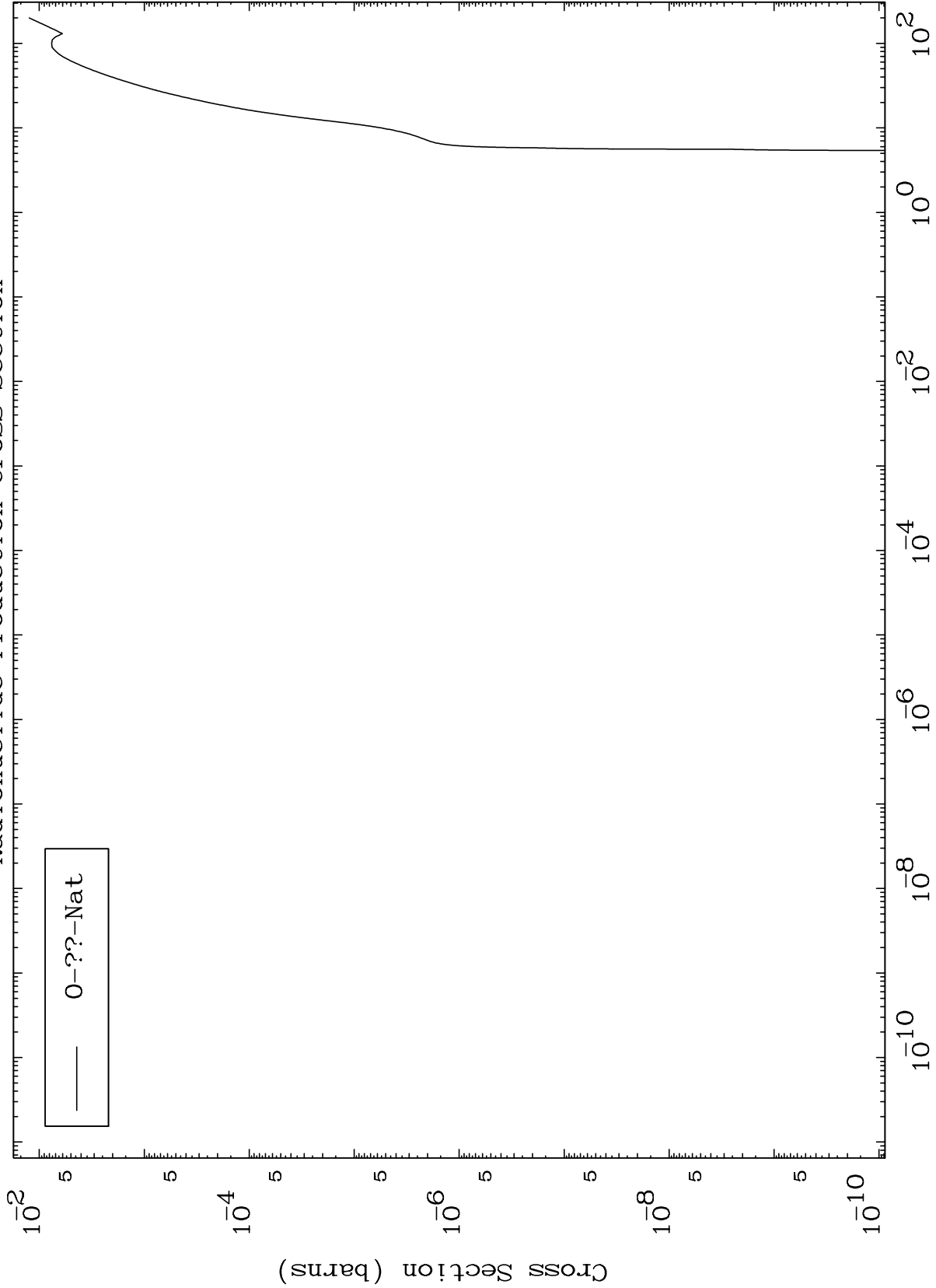
78-Pt-189

MAT 7822

Fission

78-Pt-189

Radionuclide Production Cross Section

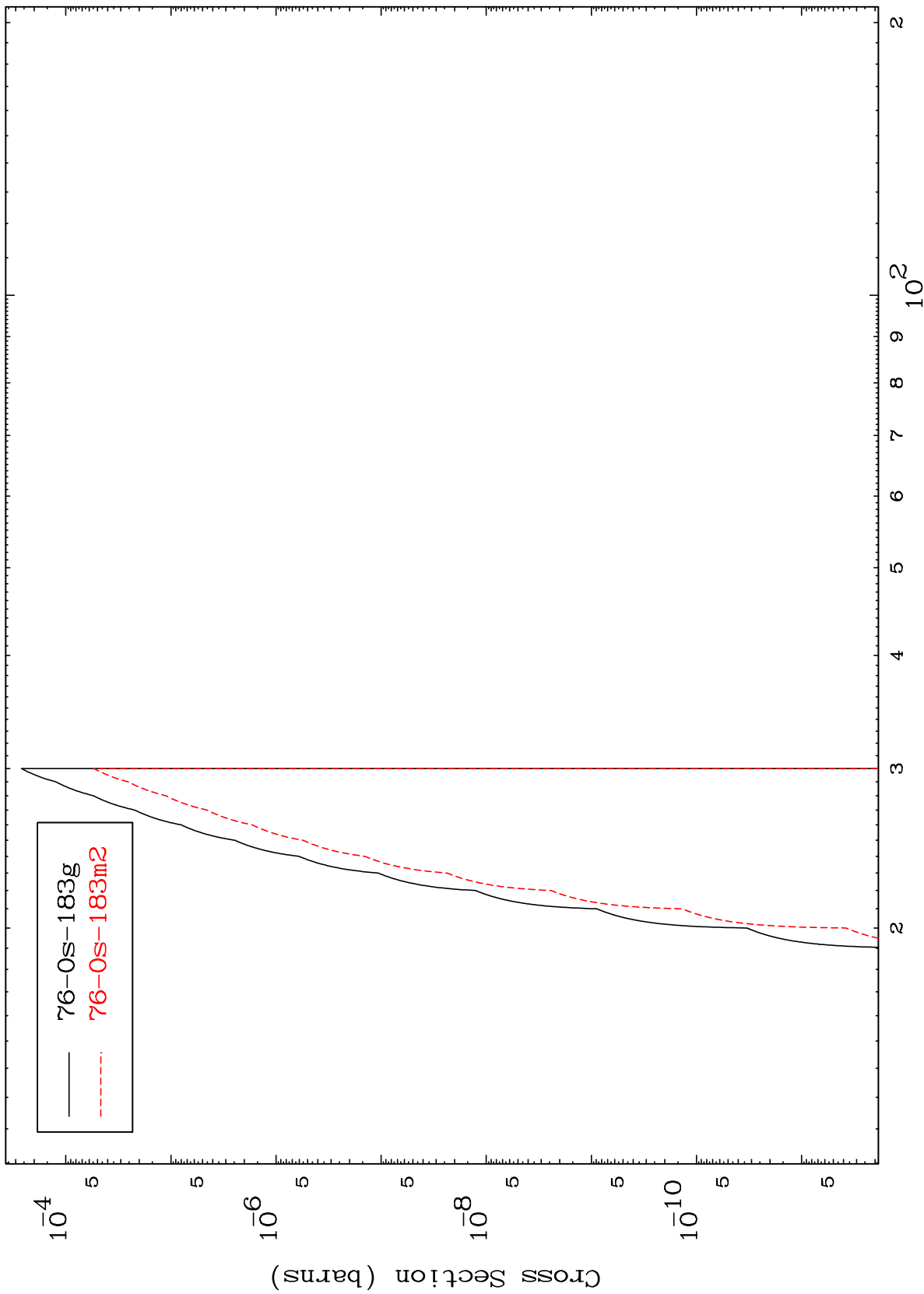


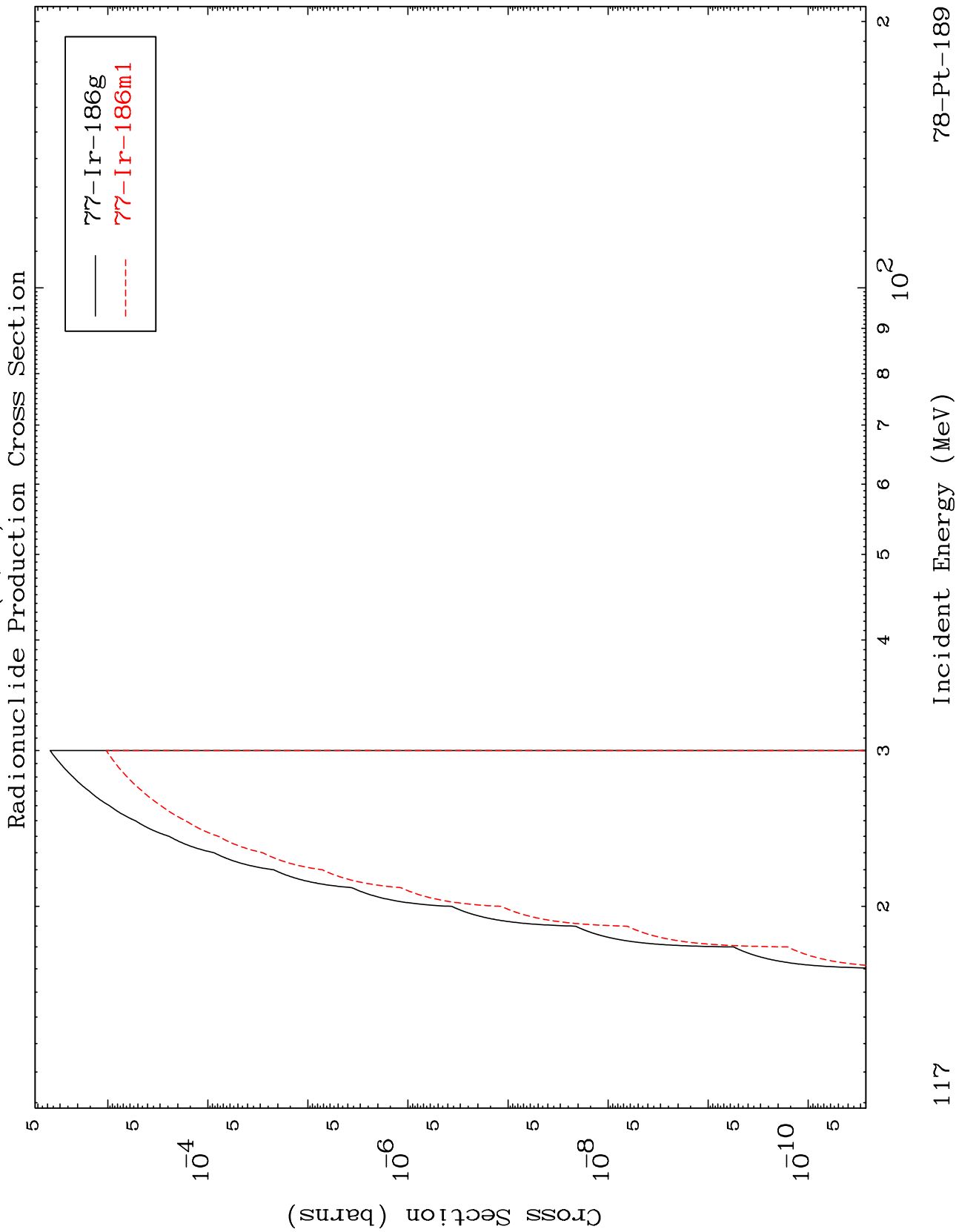
115

Incident Energy (MeV)

78-Pt-189

Radionuclide Production Cross Section



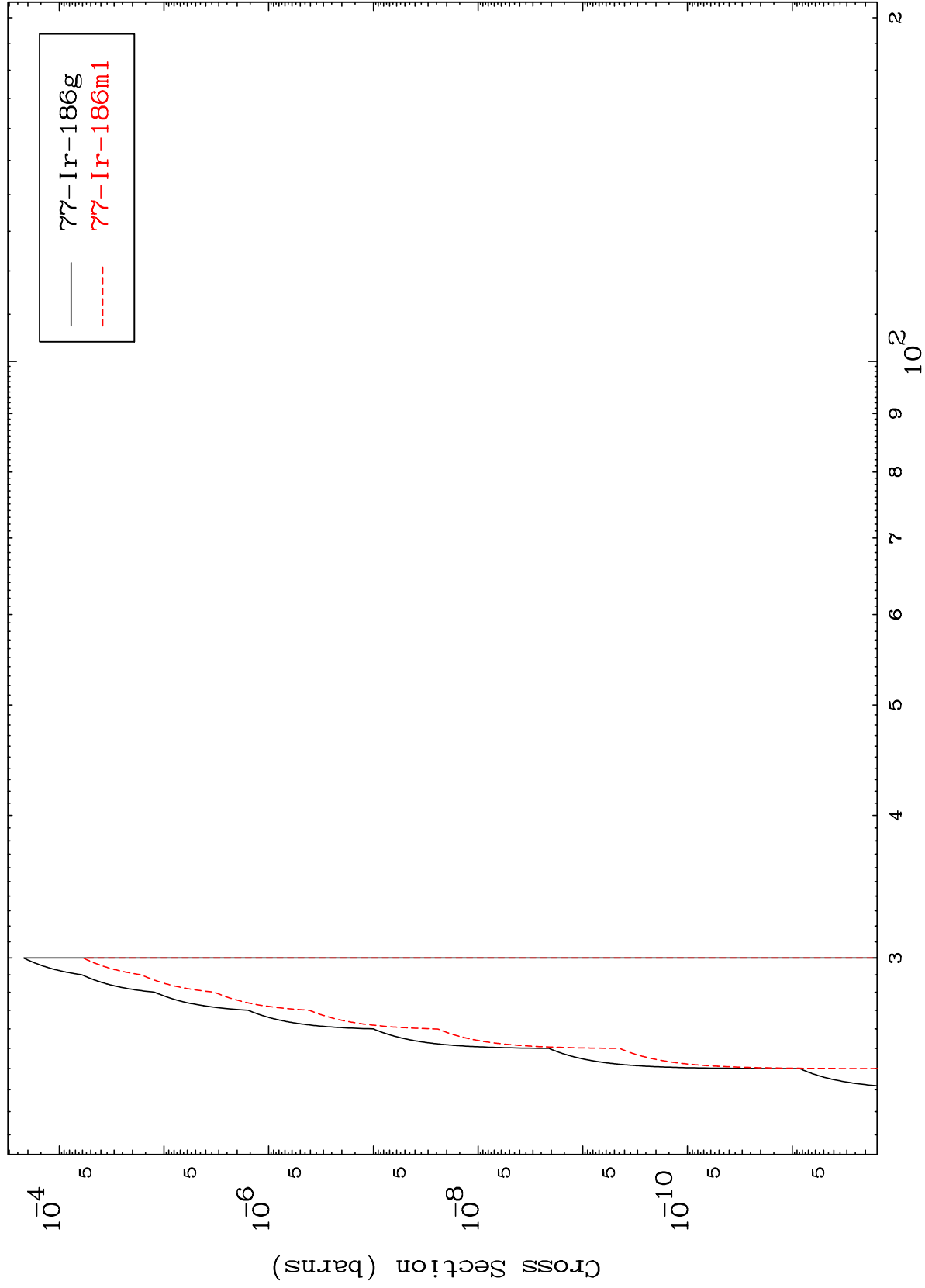


MAT 7822

(n,3n) p

78-Pt-189

Radionuclide Production Cross Section



118

Incident Energy (MeV)

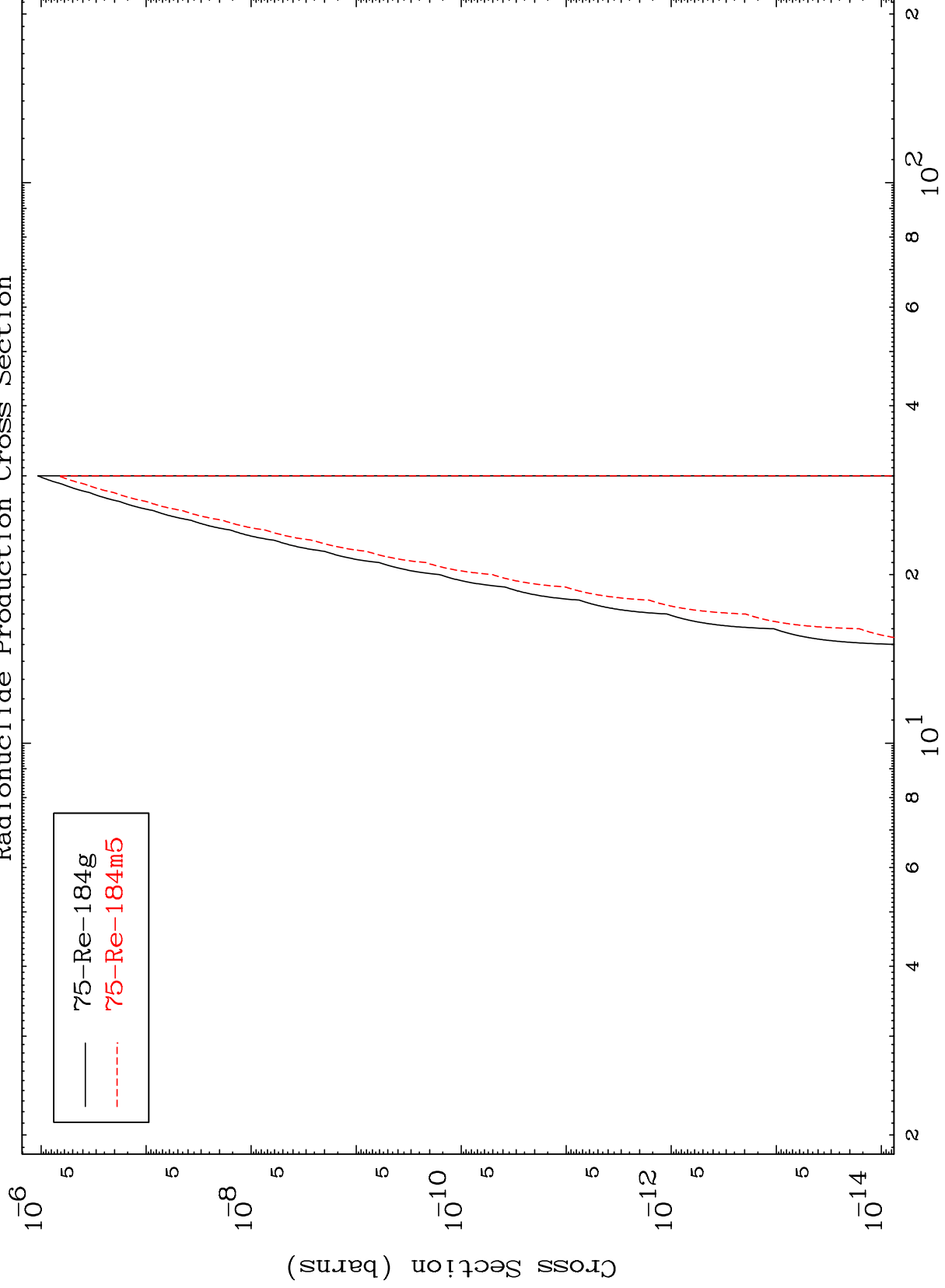
78-Pt-189

MAT 7822

(n,n') p  $\alpha$

78-Pt-189

Radionuclide Production Cross Section



119

Incident Energy (MeV)

78-Pt-189

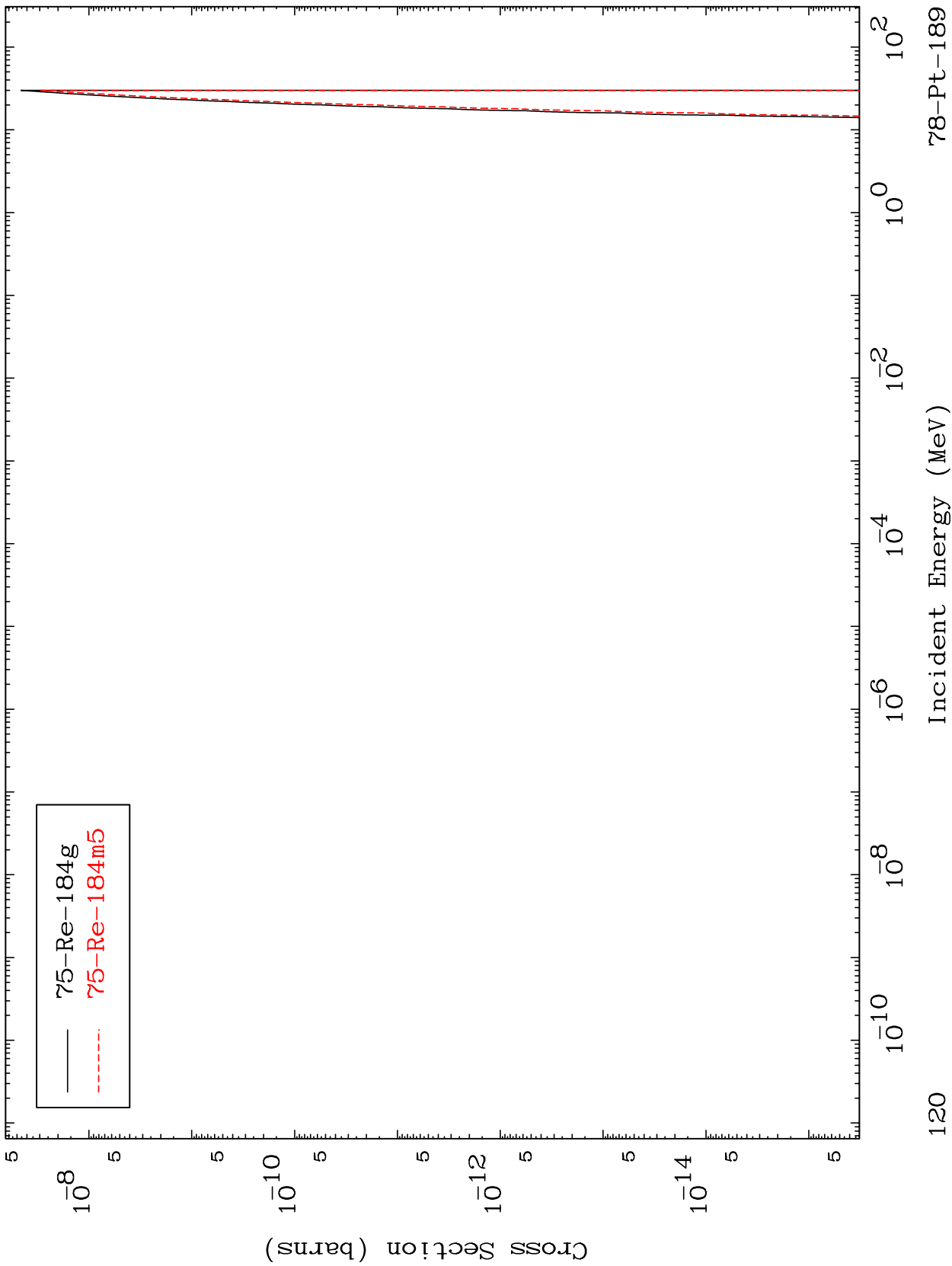


MAT 7822

(n,d)  $\alpha$

78-Pt-189

Radionuclide Production Cross Section



120