

Program EVALPLOT
(Version 2018-1)

by

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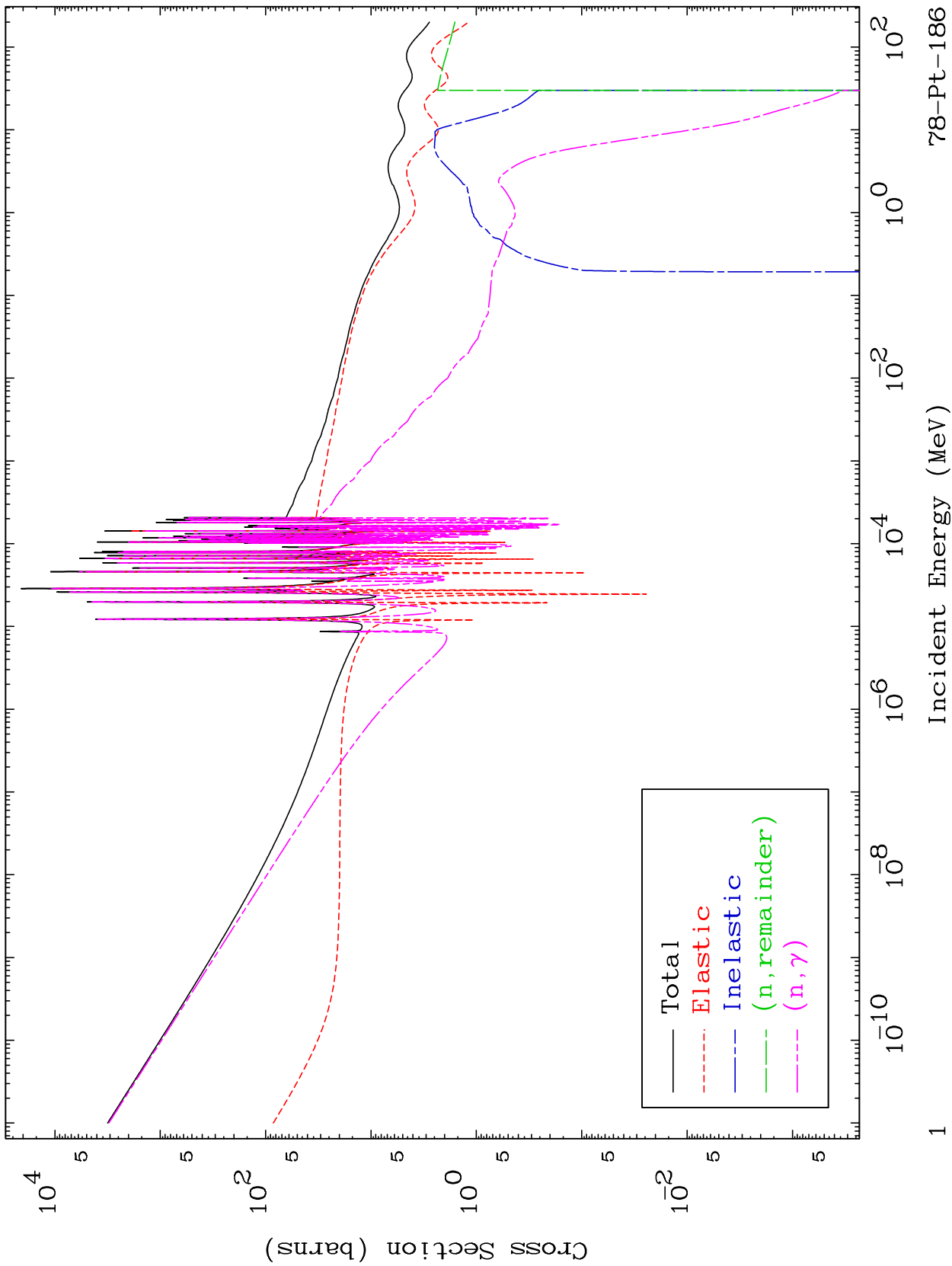
Press Mouse Button to Start

MAT 7813

Major

293 Kelvin Cross Sections

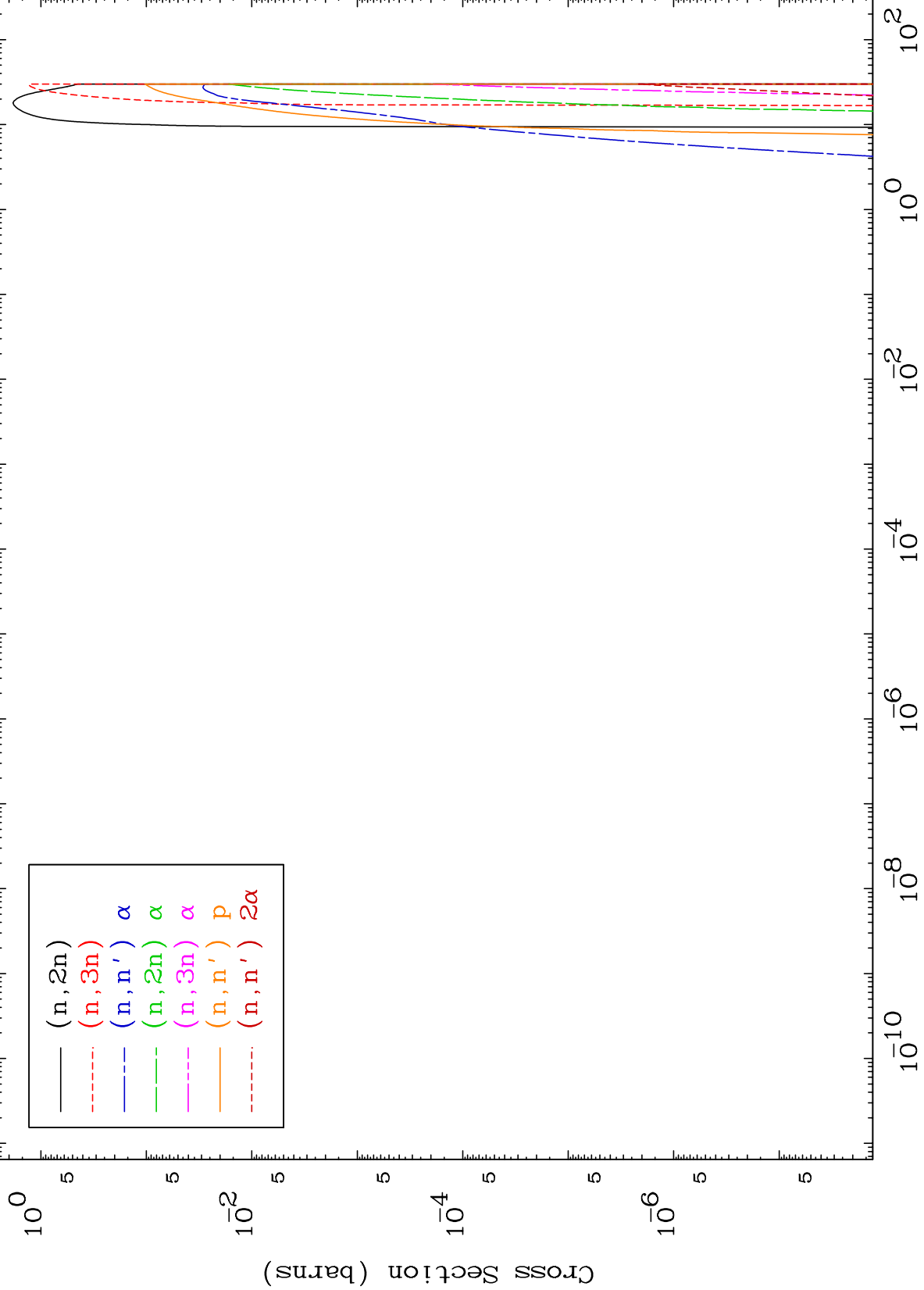
78-Pt-186



MAT 7813

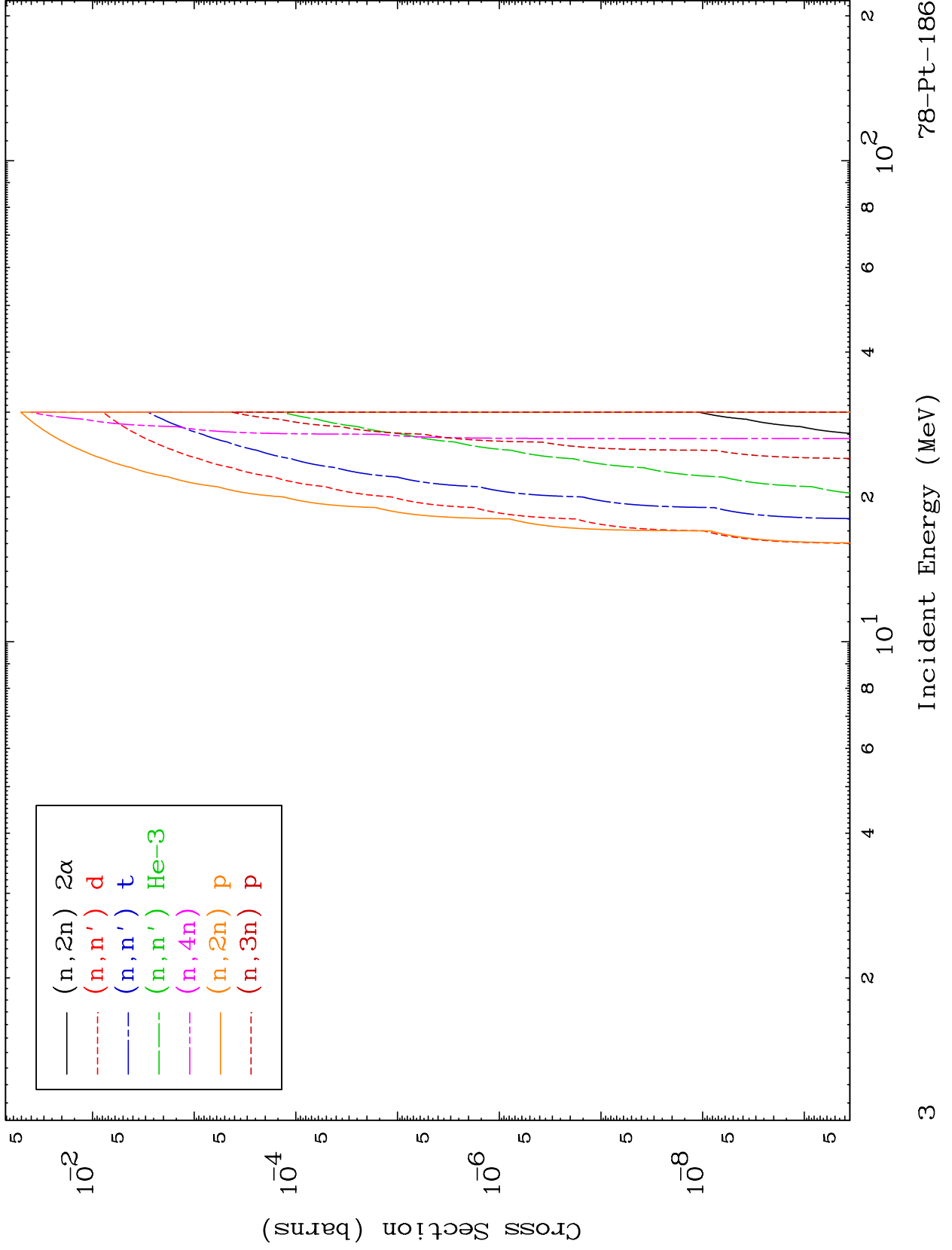
Neutron Production
293 Kelvin Cross Sections

78-Pt-186



78-Pt-186

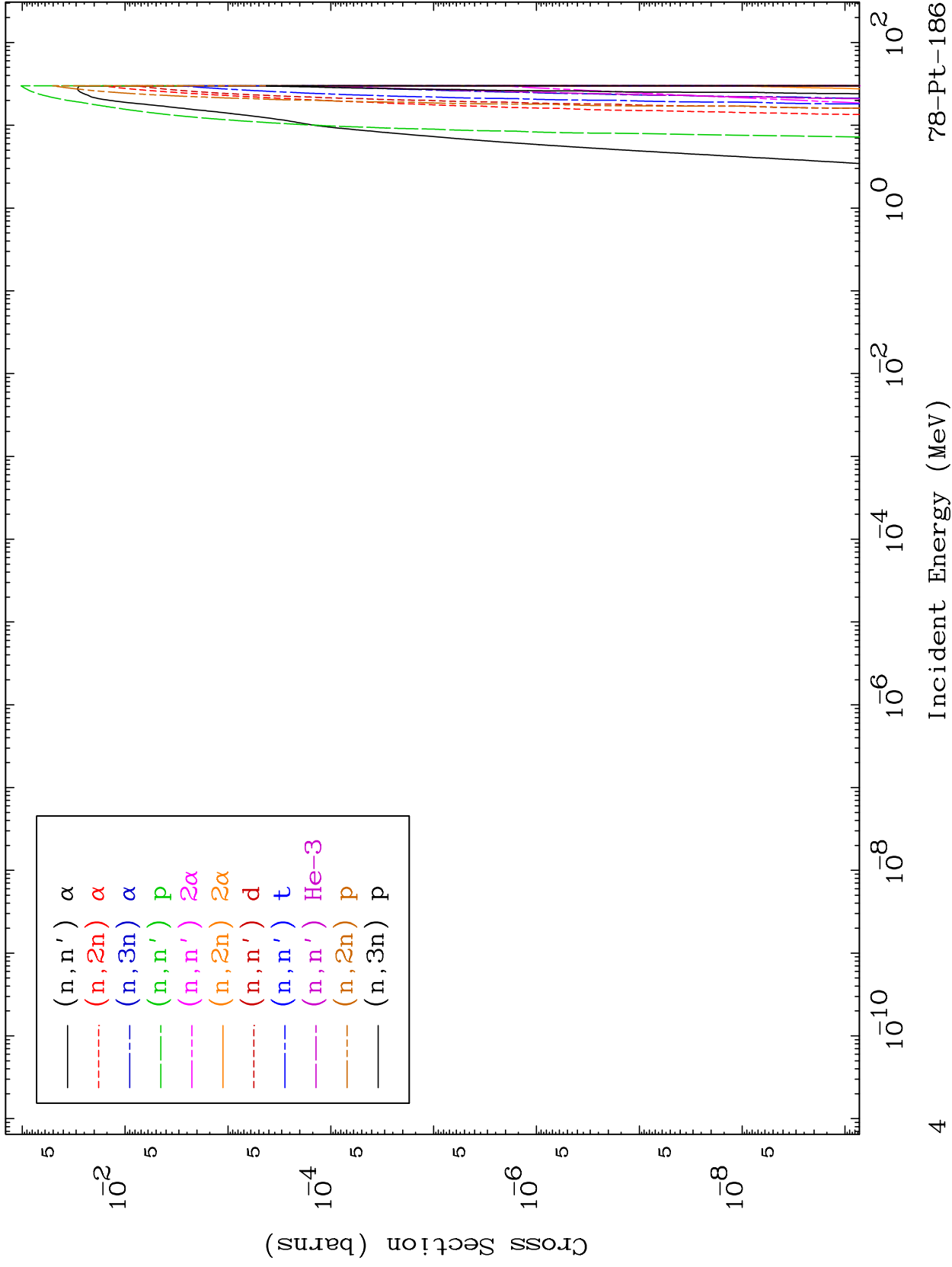
Incident Energy (MeV)



MAT 7813

Charged Particle
293 Kelvin Cross Sections

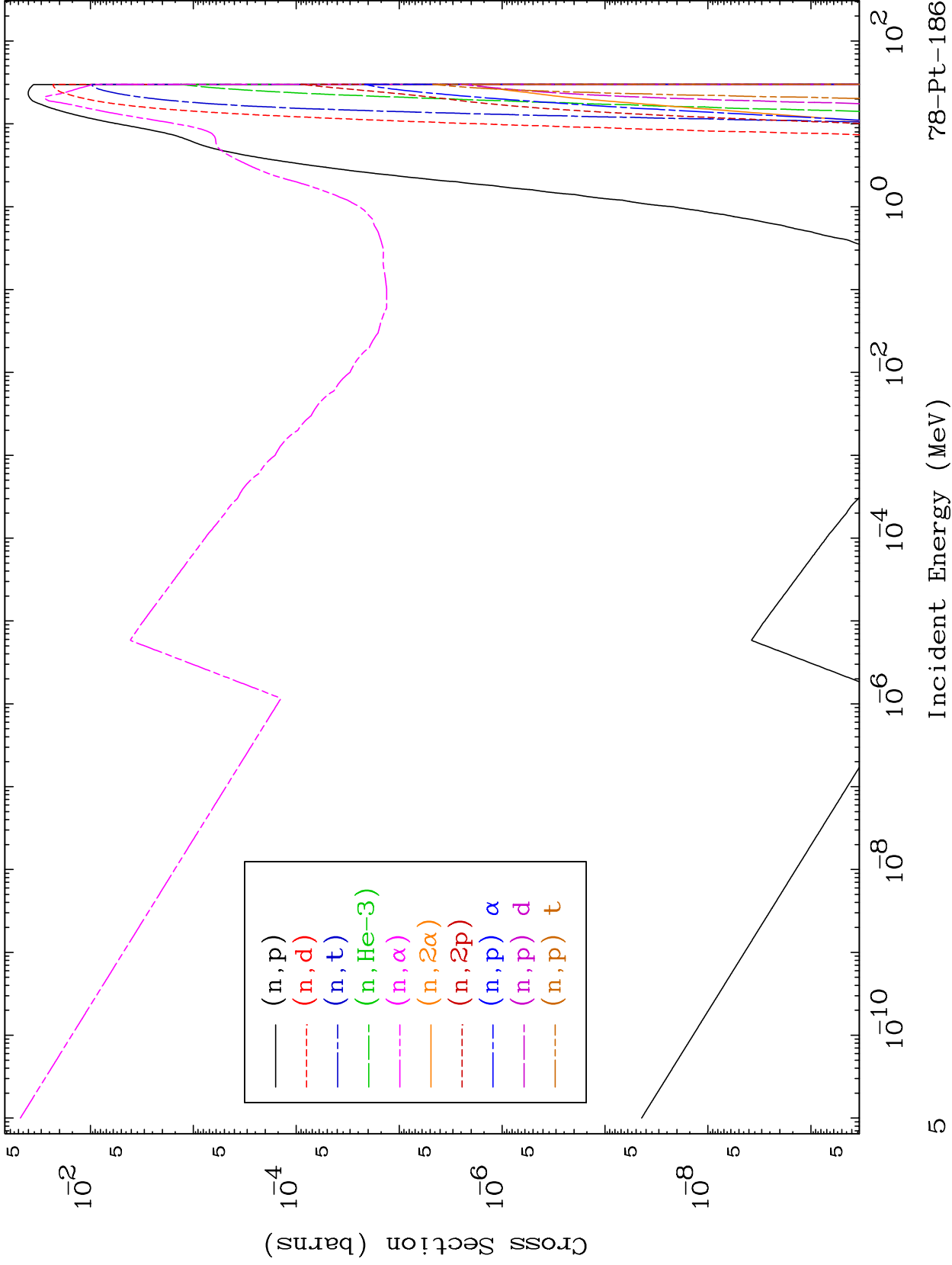
78-Pt-186



MAT 7813

Charged Particle
293 Kelvin Cross Sections

78-Pt-186

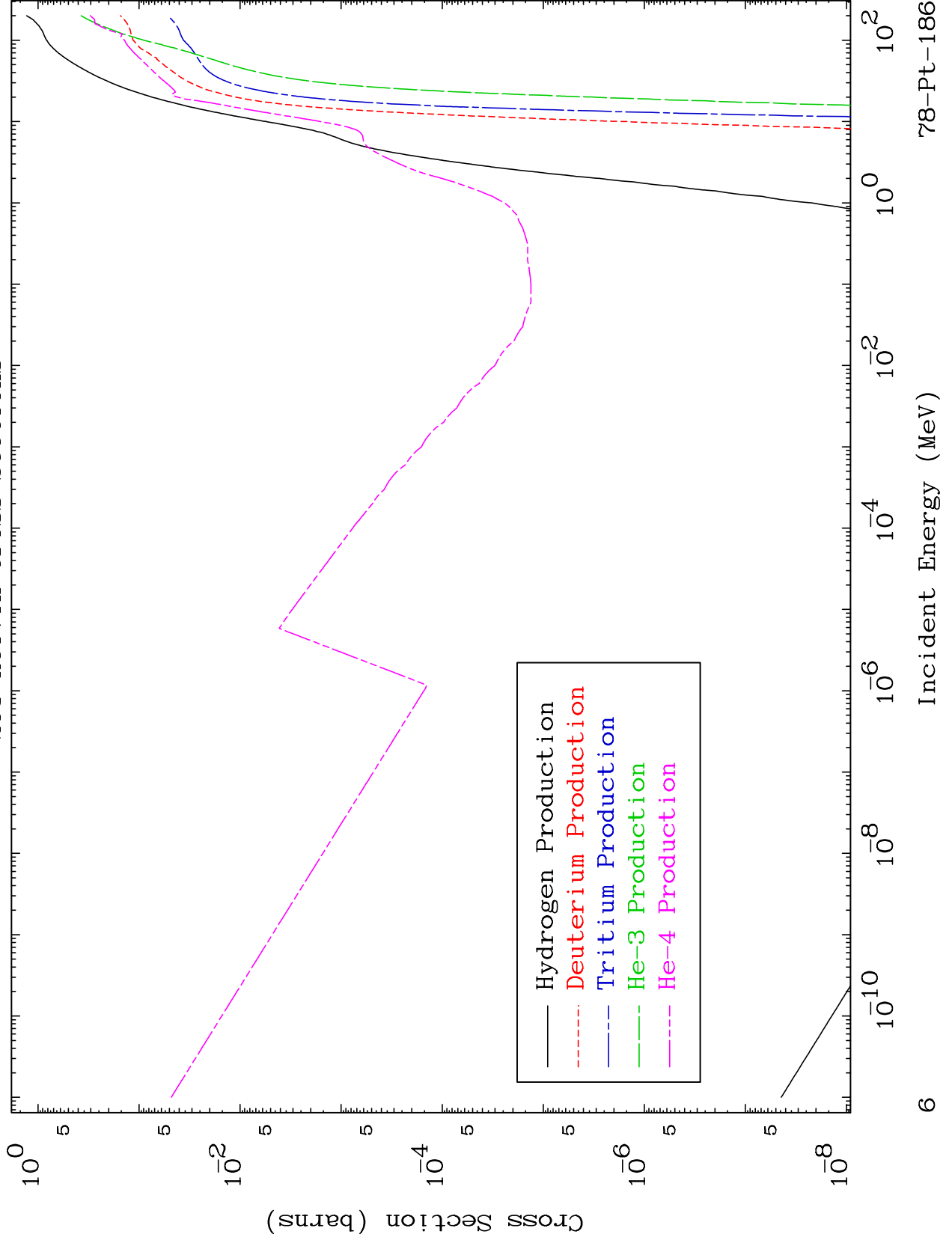


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MAT 7813

Particle Production
293 Kelvin Cross Sections

78-Pt-186

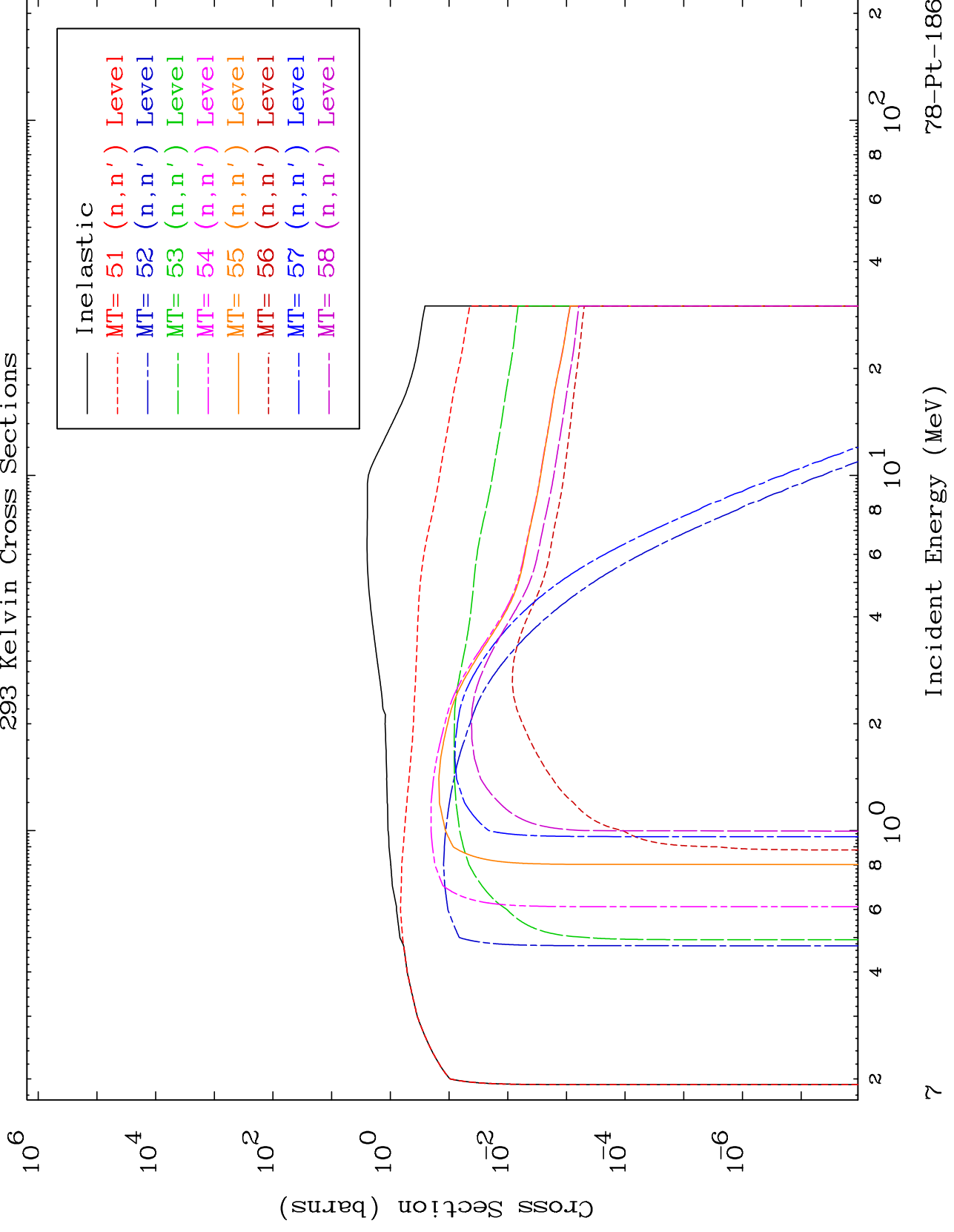


MAT 7813

(n,n') Level

78-Pt-186

293 Kelvin Cross Sections

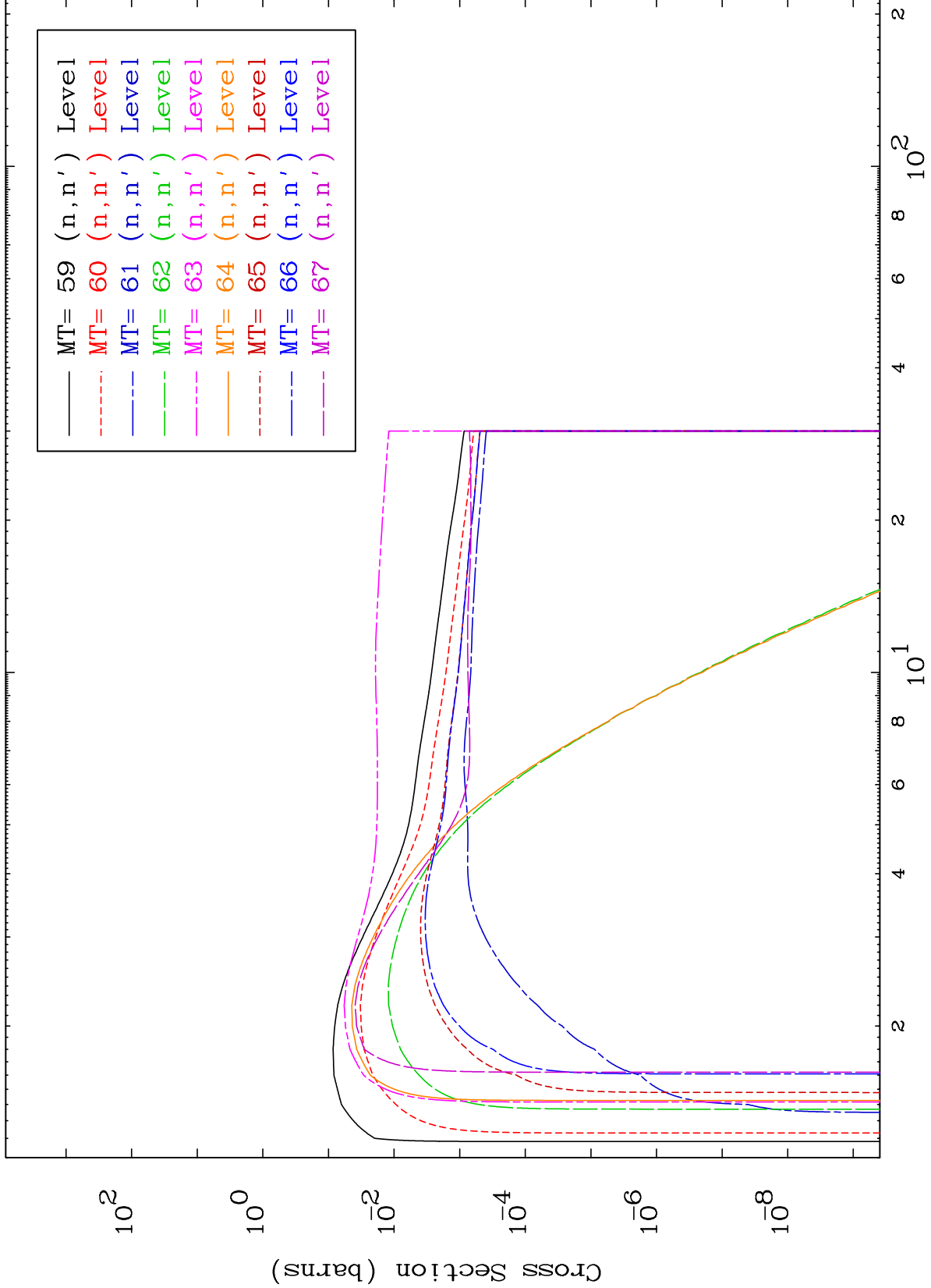


MAT 7813

(n,n') Level

78-Pt-186

293 Kelvin Cross Sections



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Incident Energy (MeV)

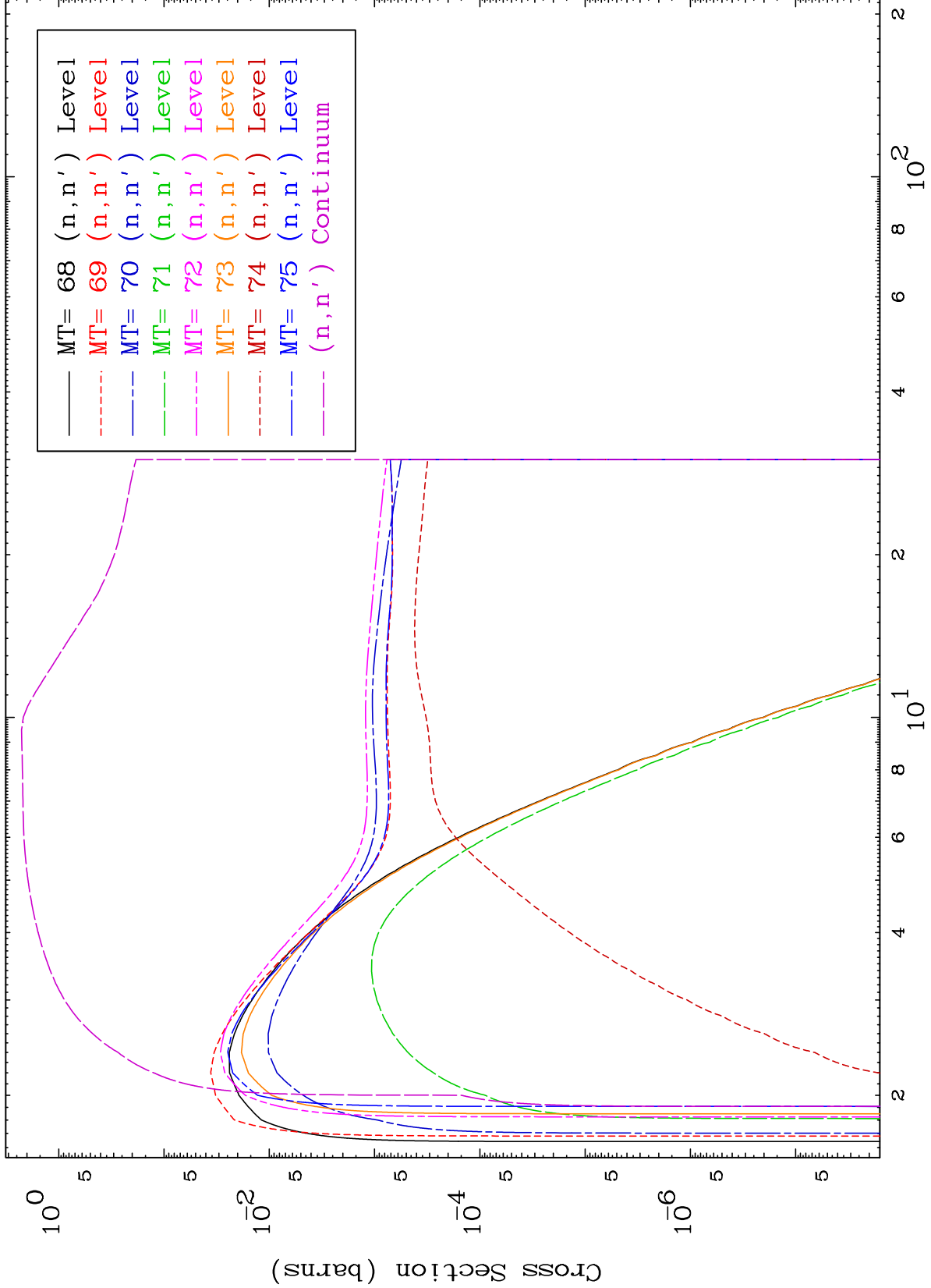
78-Pt-186

MAT 7813

(n,n') Level

78-Pt-186

293 Kelvin Cross Sections



9

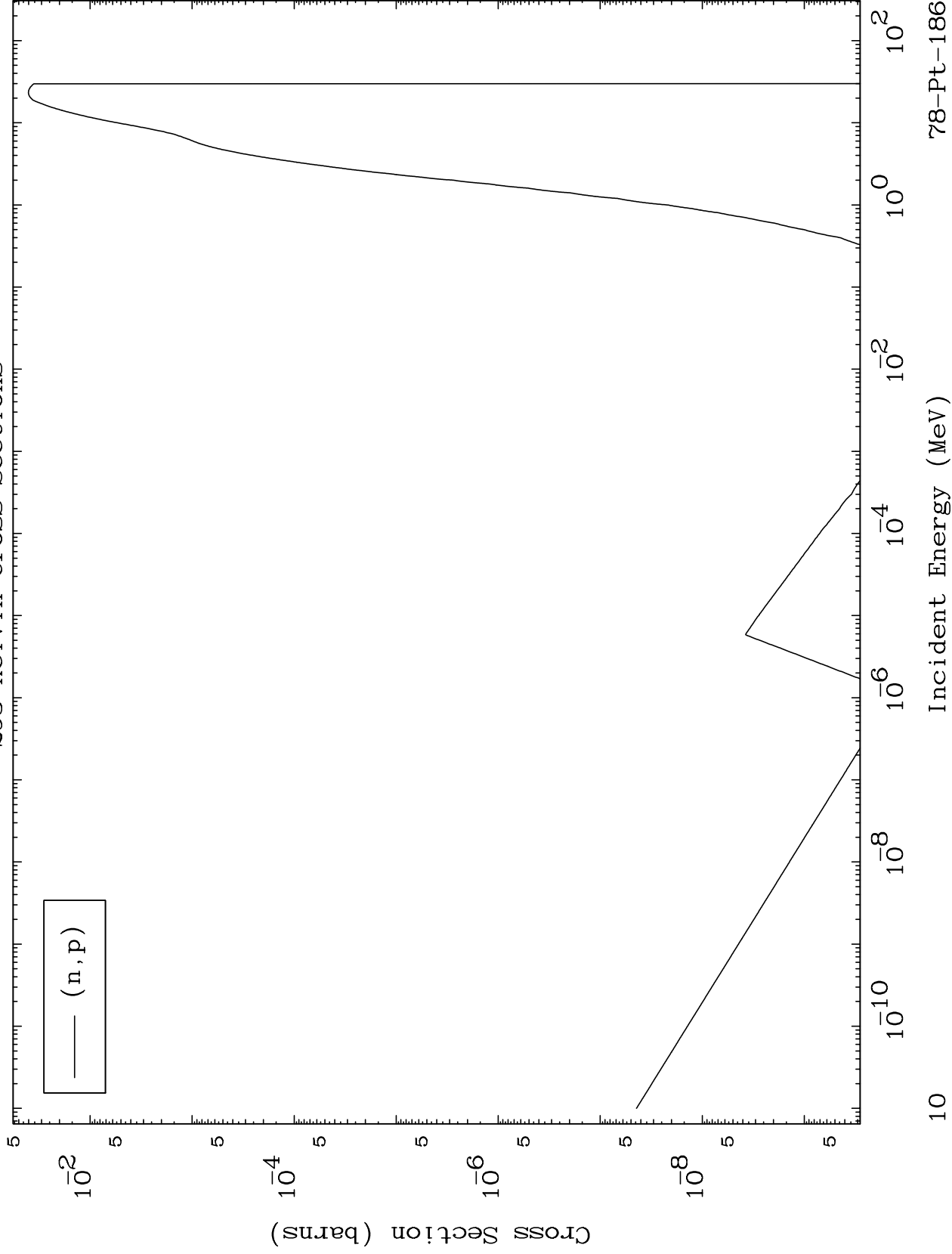
Incident Energy (MeV)

78-Pt-186

MAT 7813

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-186



10

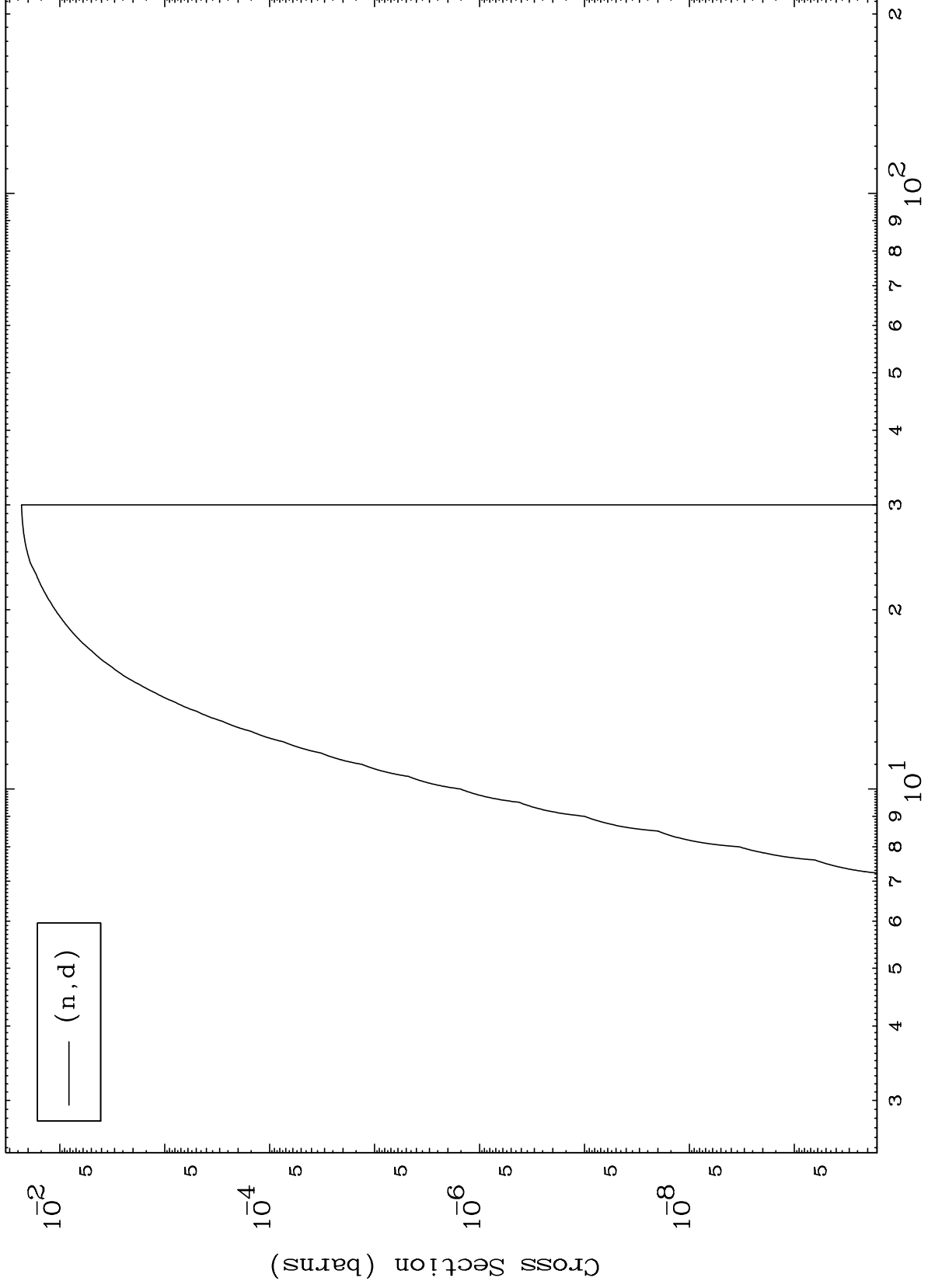
Incident Energy (MeV)

78-Pt-186

MAT 7813

(n,d) Levels
293 Kelvin Cross Sections

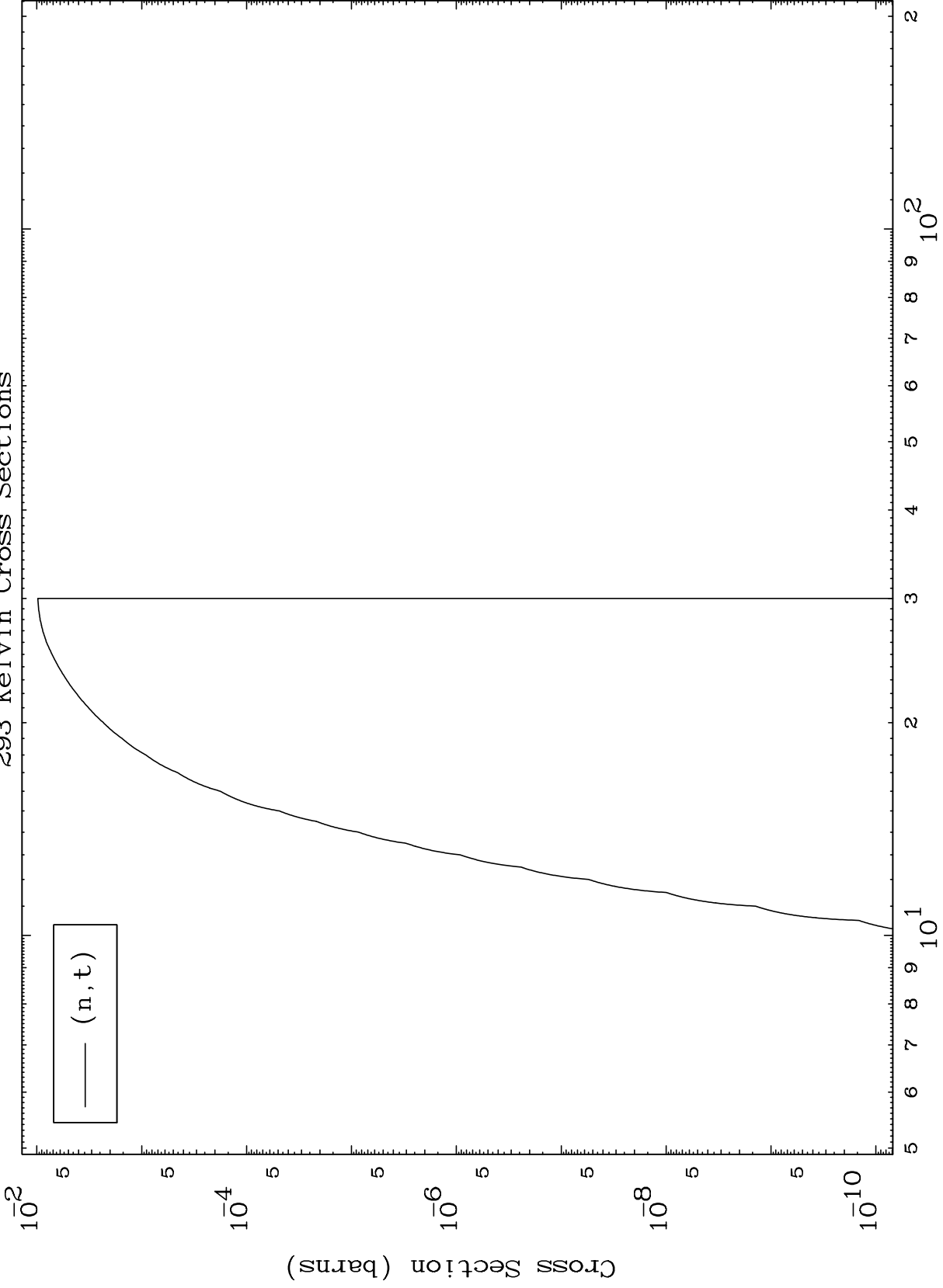
78-Pt-186



MAT 7813

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-186



12

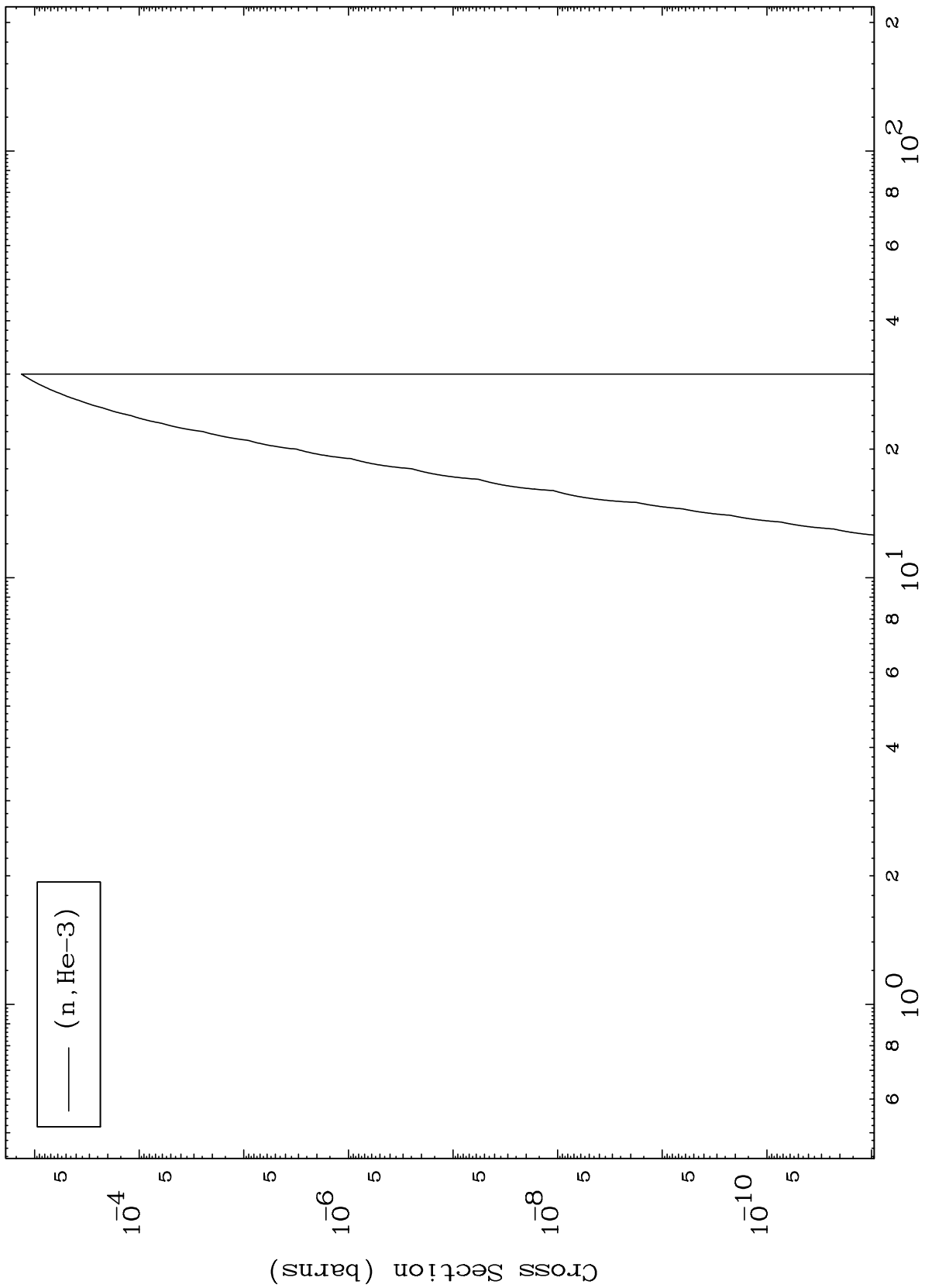
Incident Energy (MeV)

78-Pt-186

MAT 7813

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-186



13

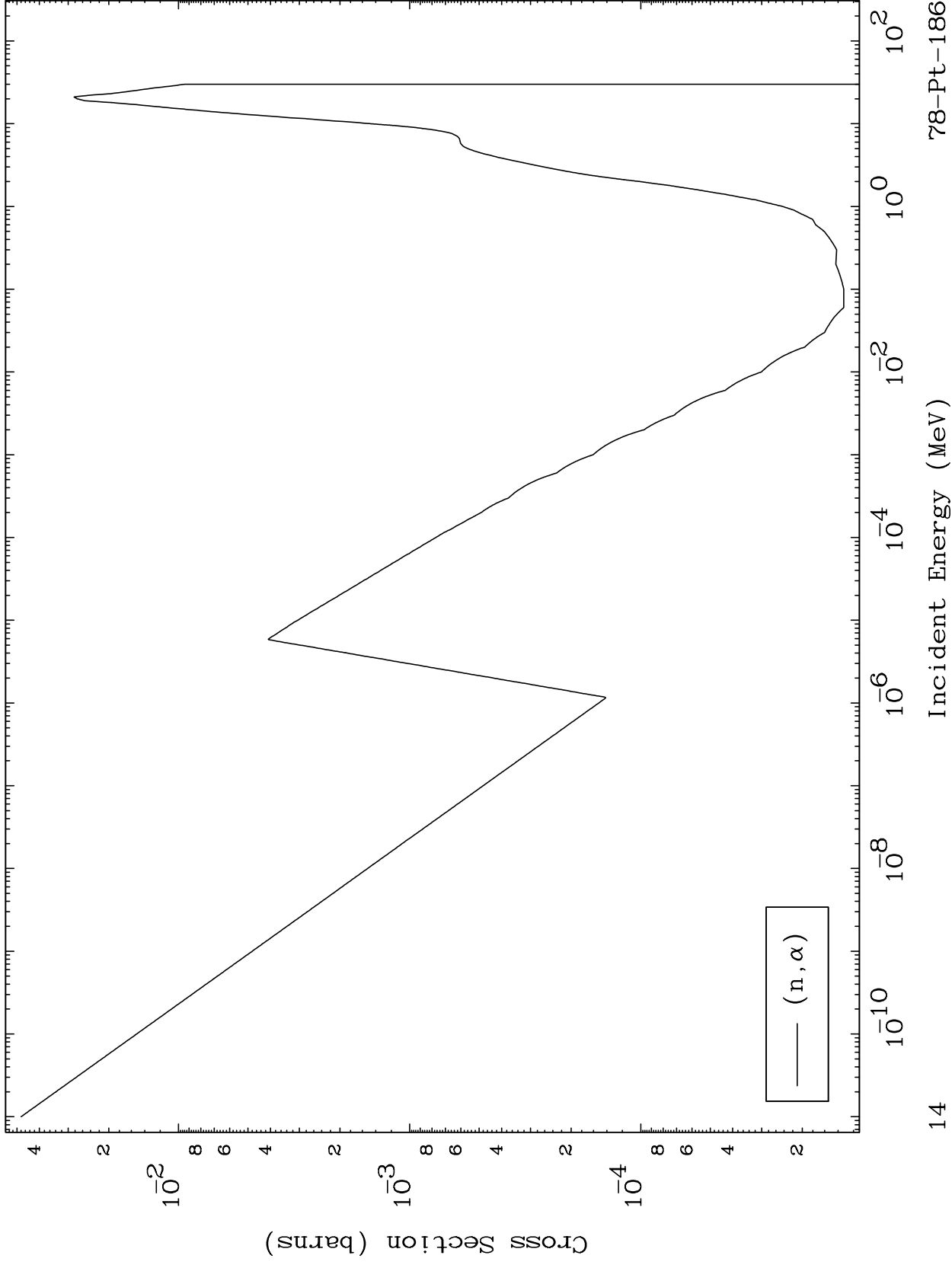
Incident Energy (MeV)

78-Pt-186

MAT 7813

(n,α) Levels
293 Kelvin Cross Sections

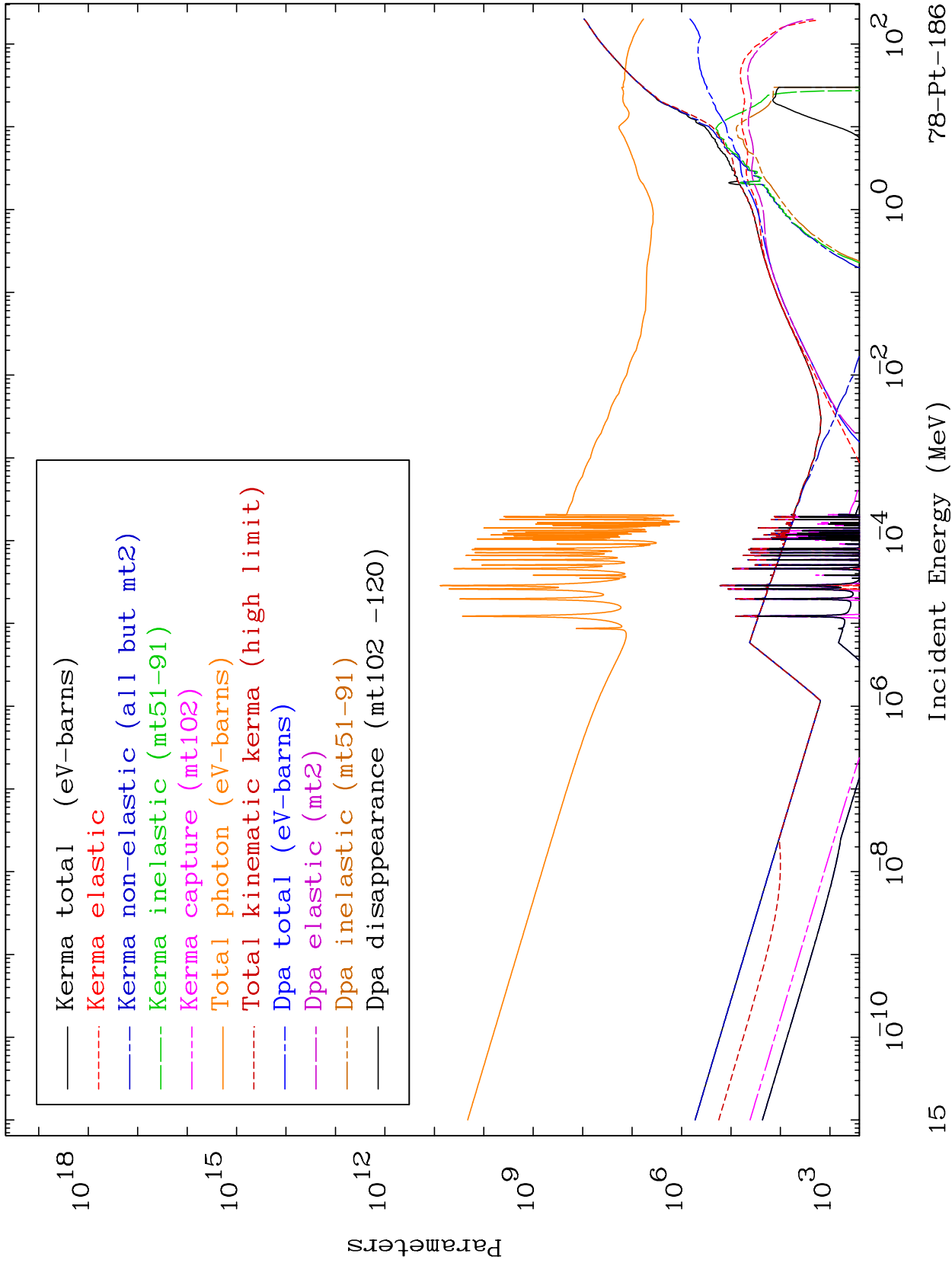
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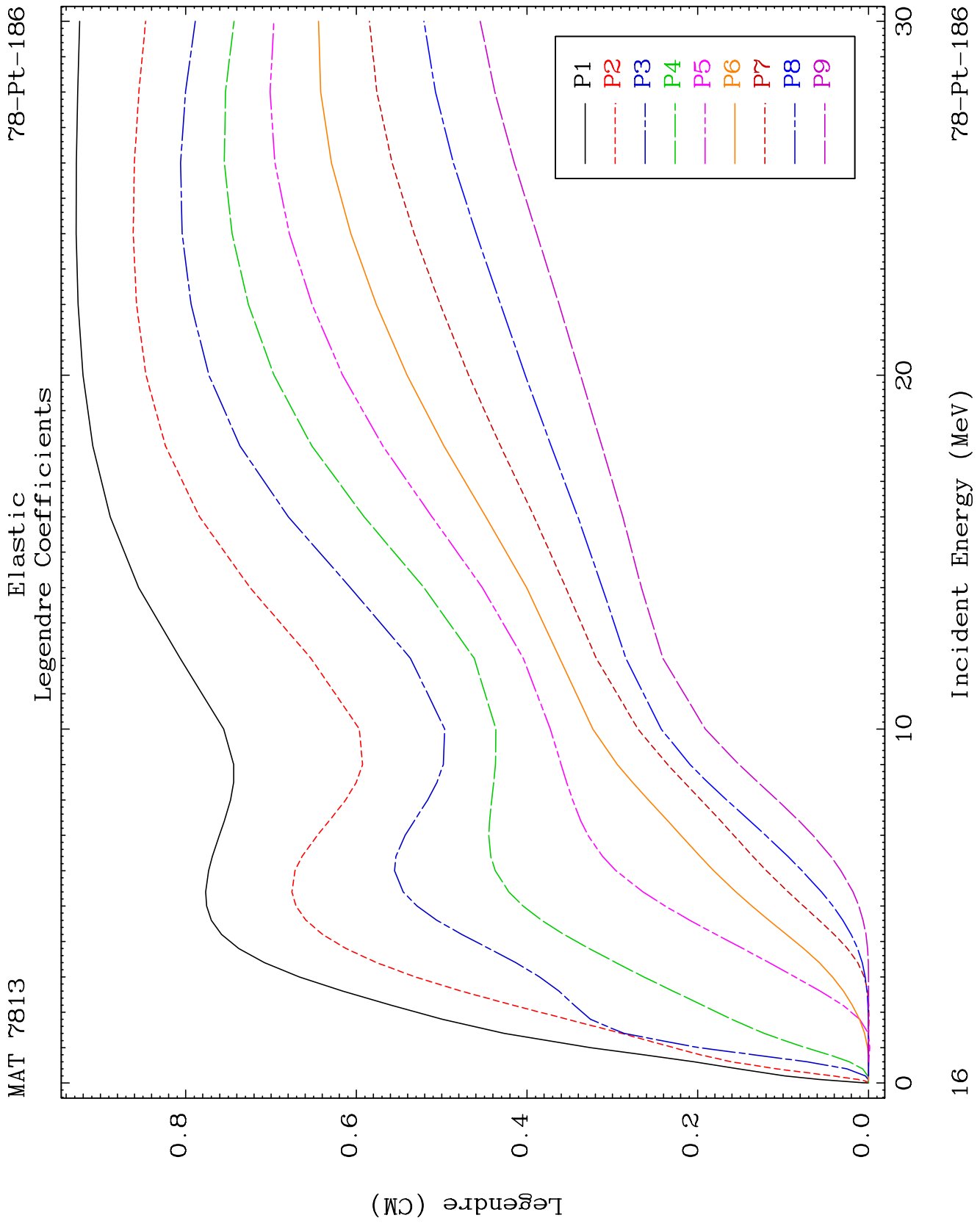


14

Incident Energy (MeV)

78-Pt-186

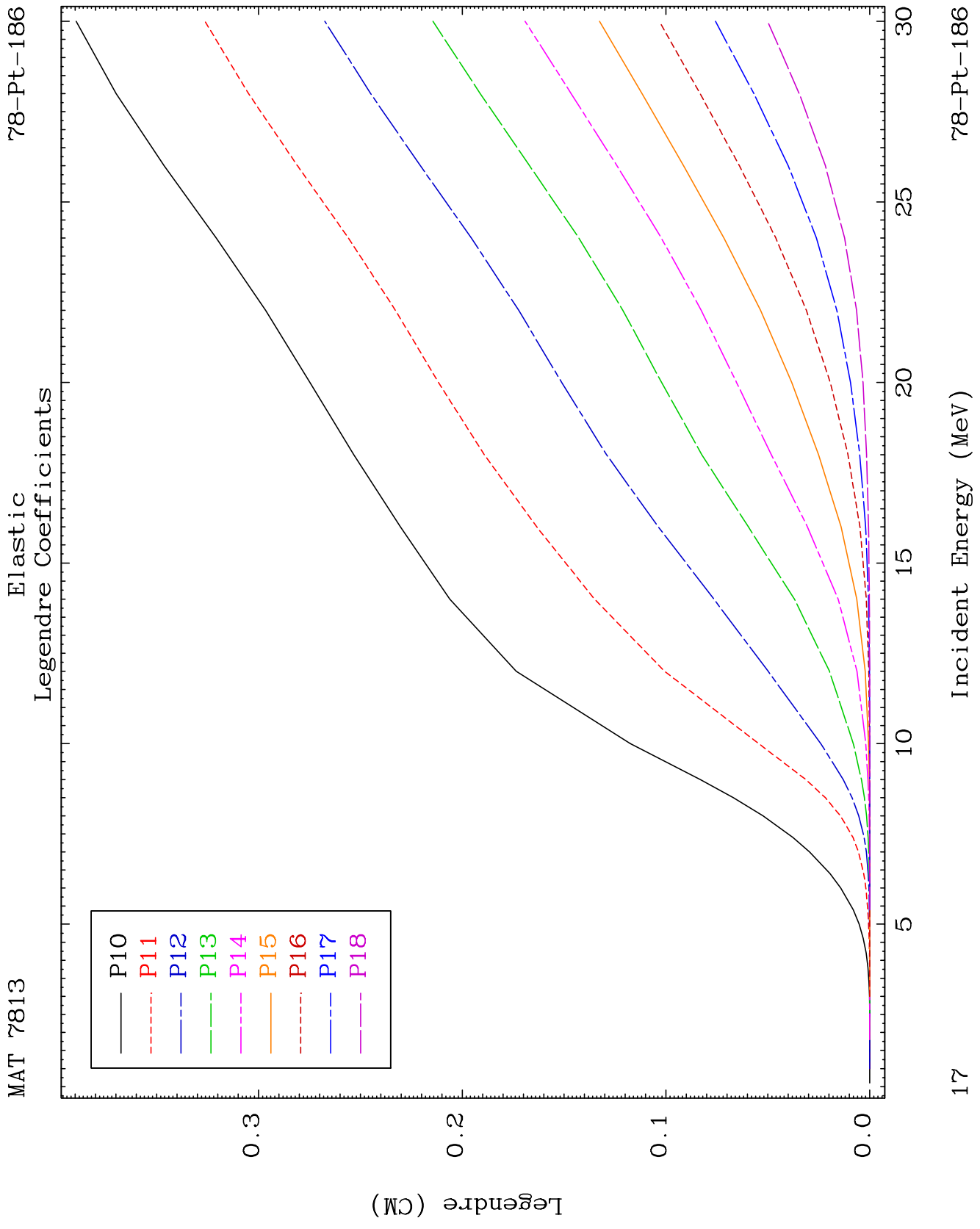




78-Pt-186

Incident Energy (MeV)

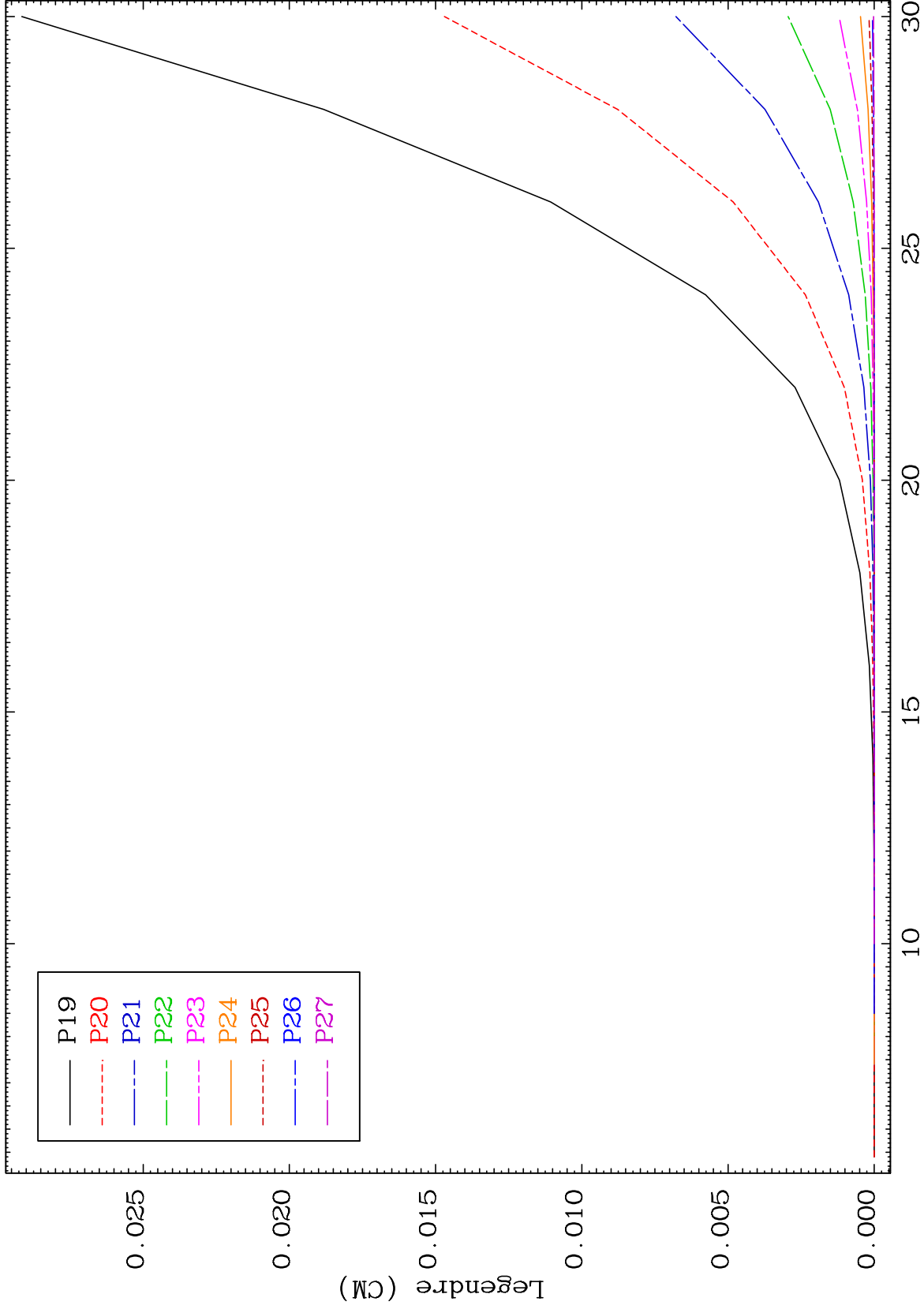
16



MAT 7813

Elastic Legendre Coefficients

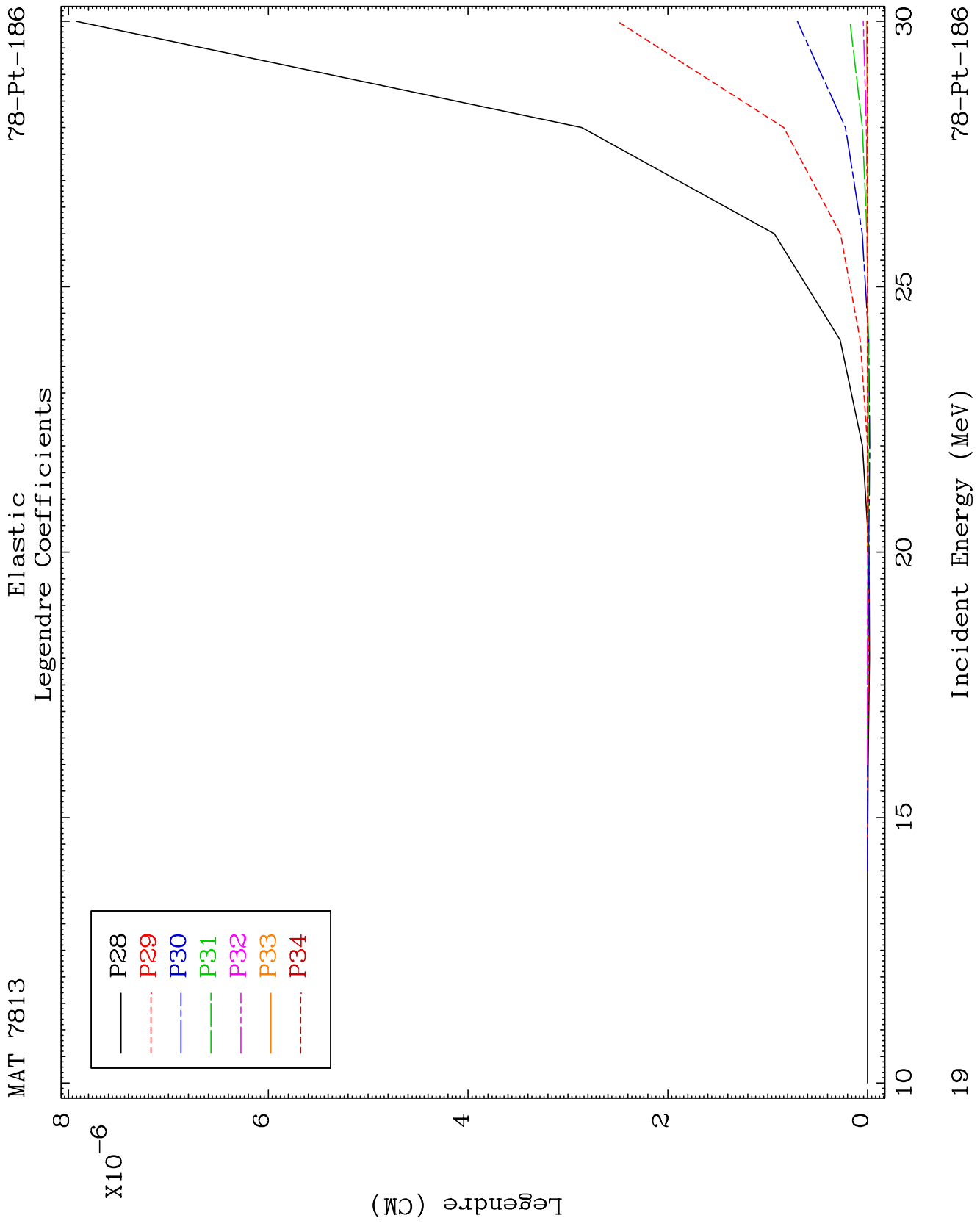
78-Pt-186



18

Incident Energy (MeV)

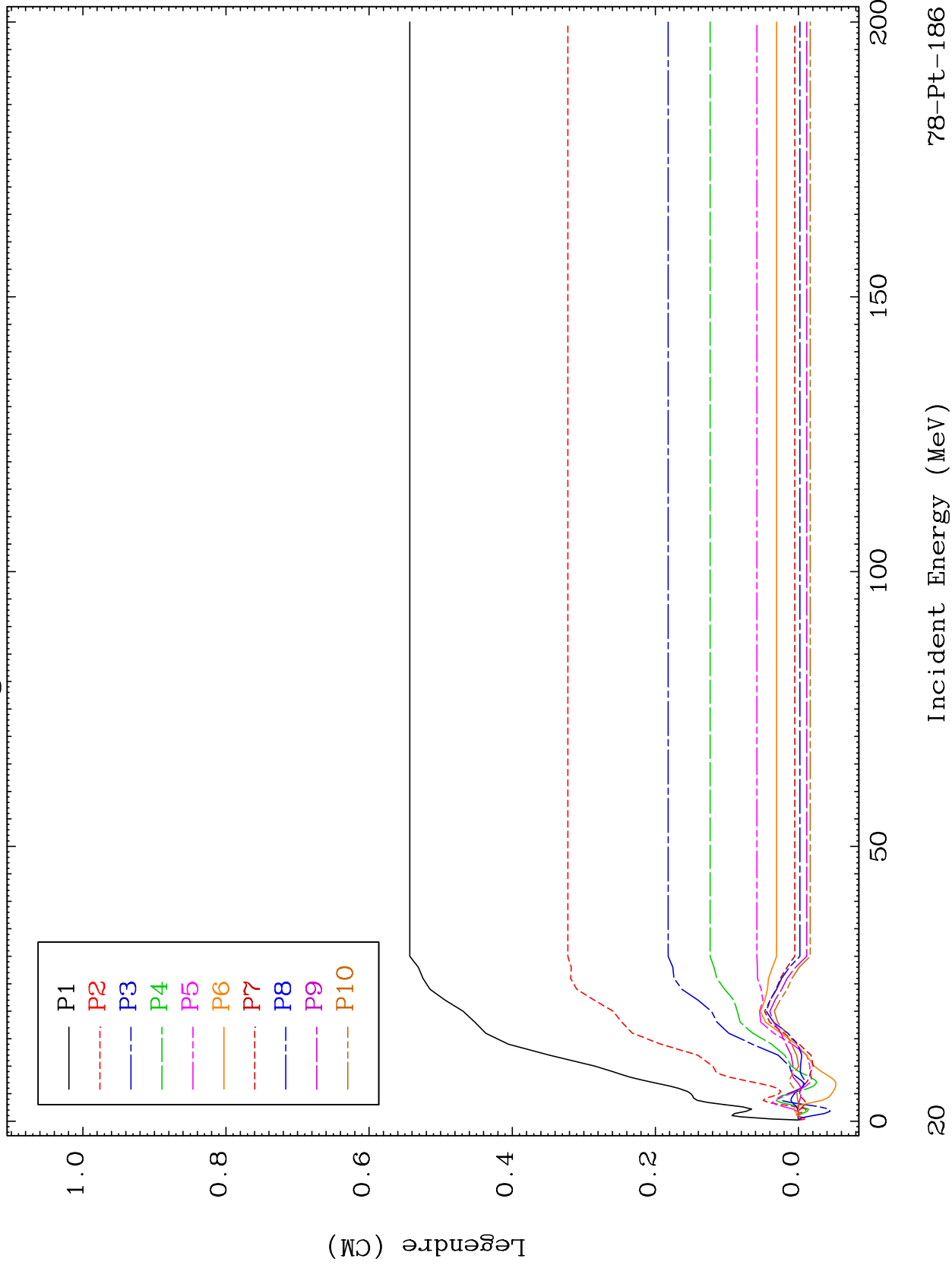
78-Pt-186



MAT 7813

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

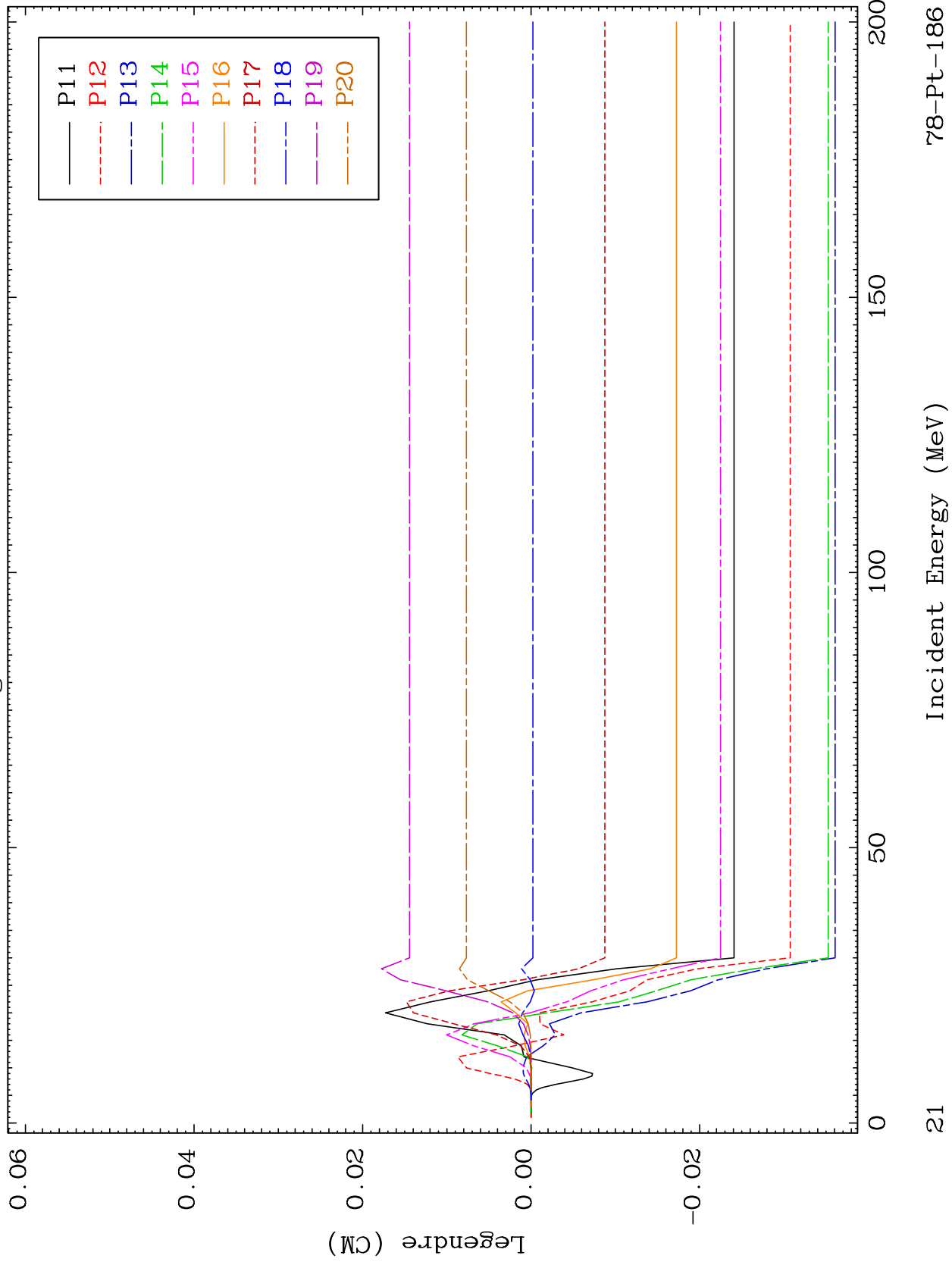
78-Pt-186



MAT 7813

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

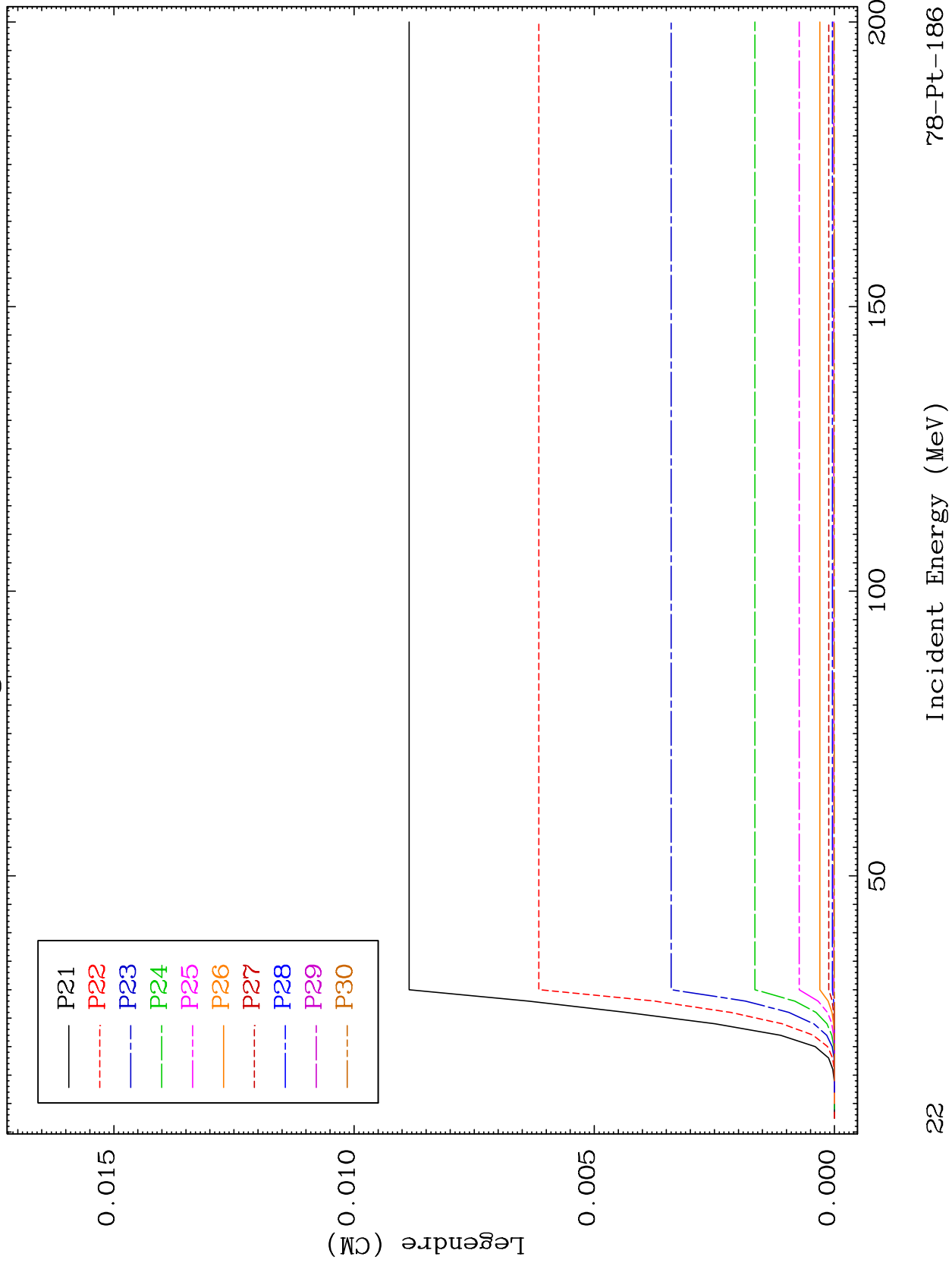
78-Pt-186



MAT 7813

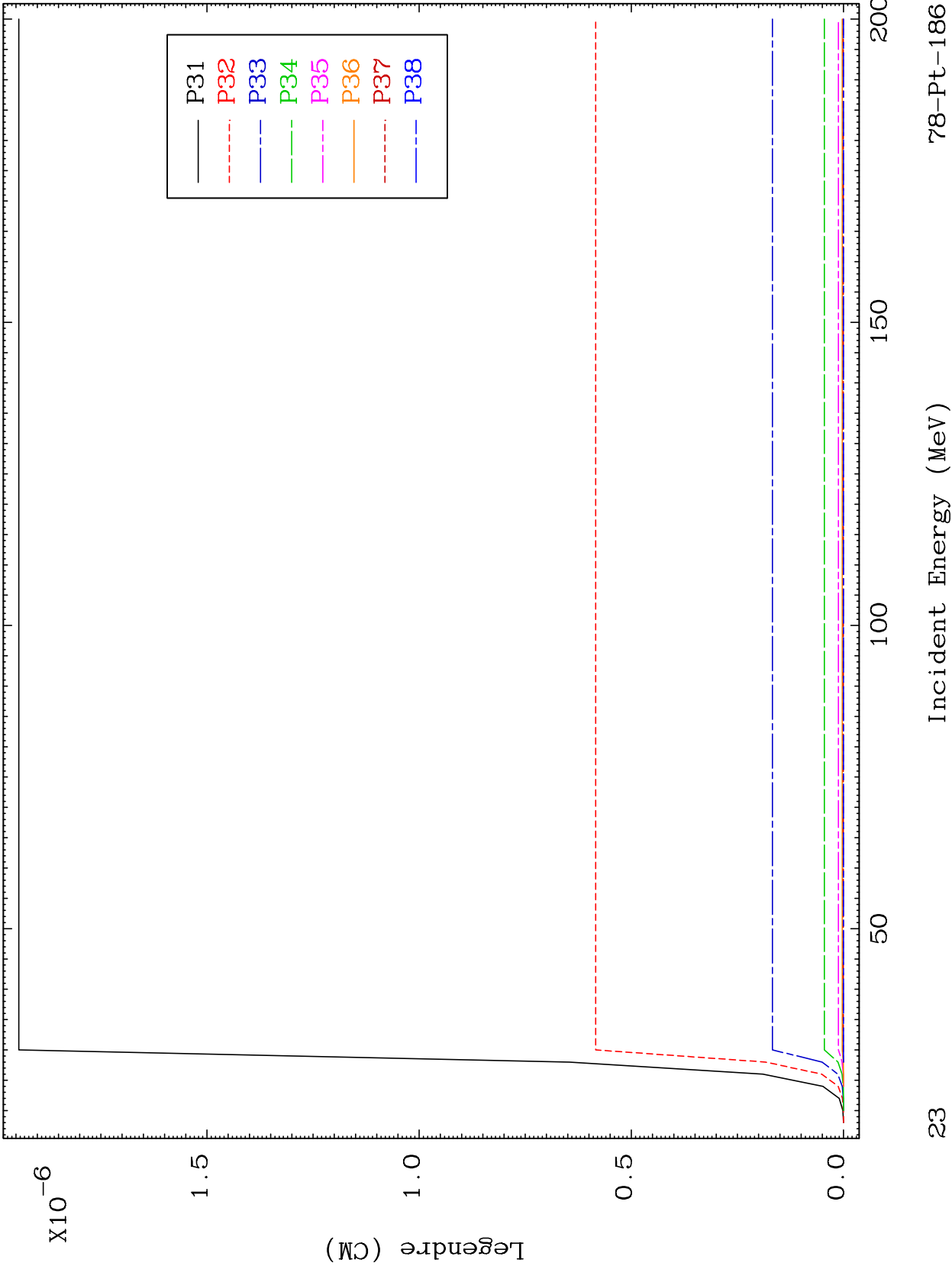
MT= 51 (n,n') Level
Legendre Coefficients

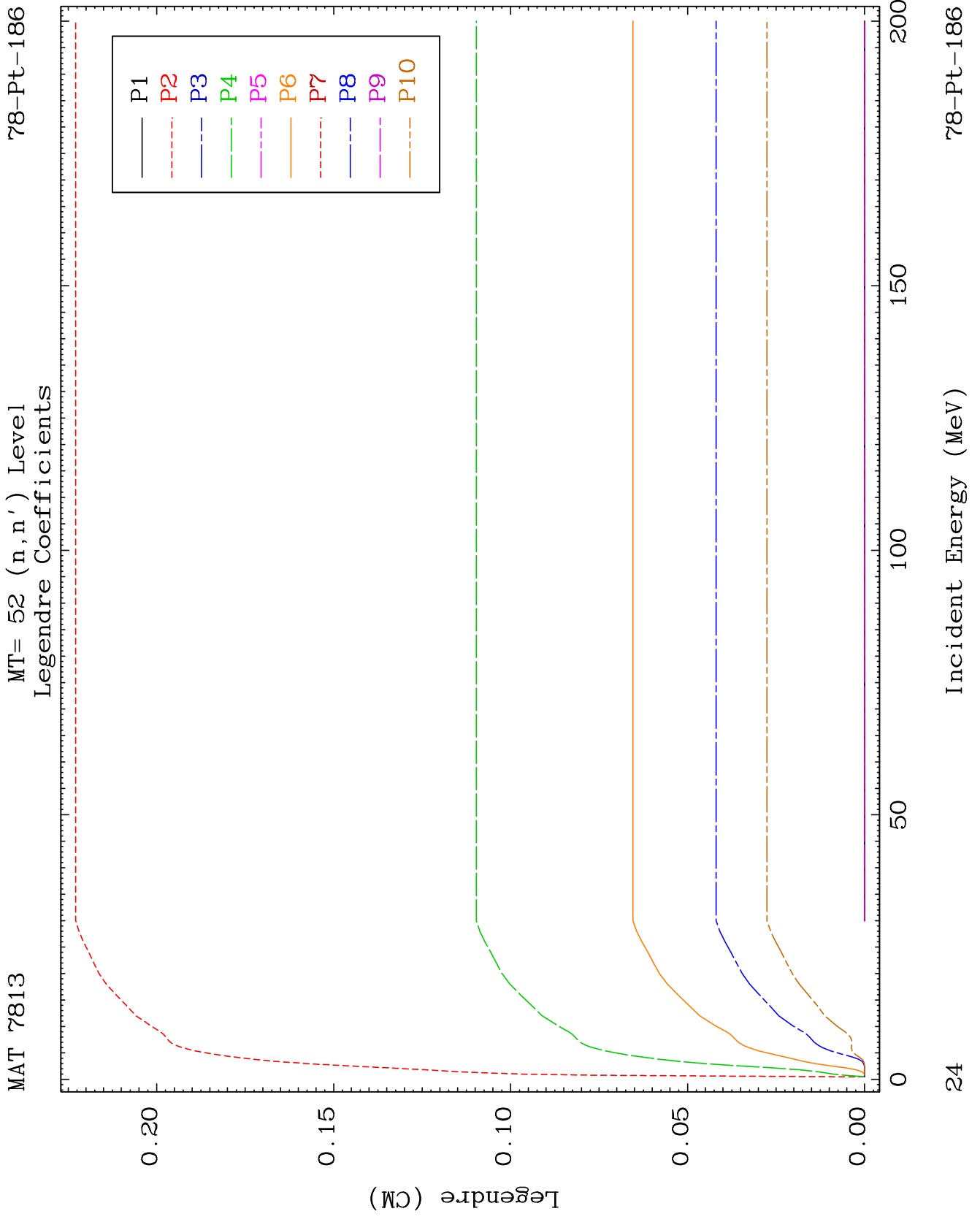
78-Pt-186



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78-Pt-186

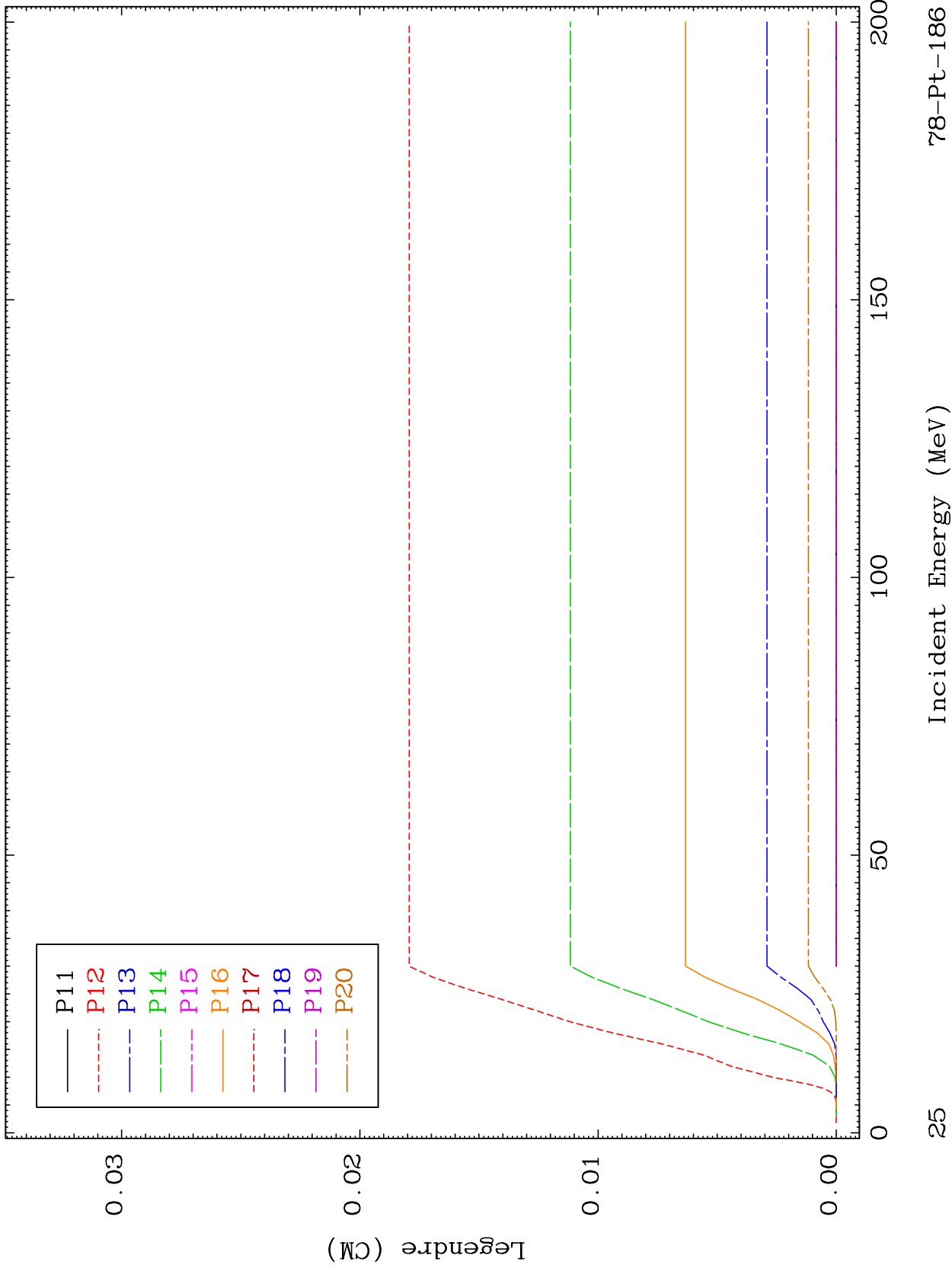




MAT 7813

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

78-Pt-186



78-Pt-186

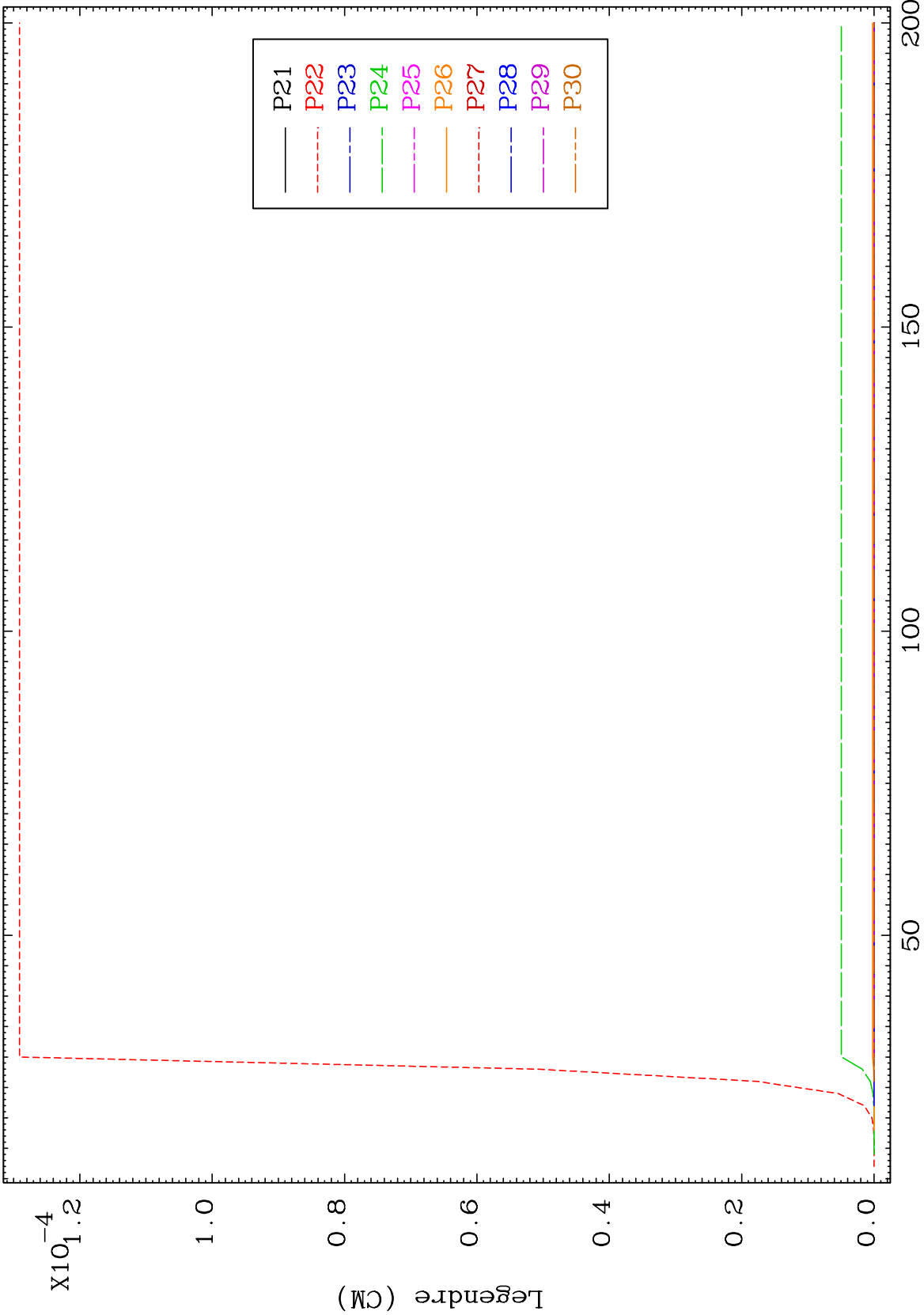
Incident Energy (MeV)

25

MAT 7813

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

78-Pt-186



78-Pt-186

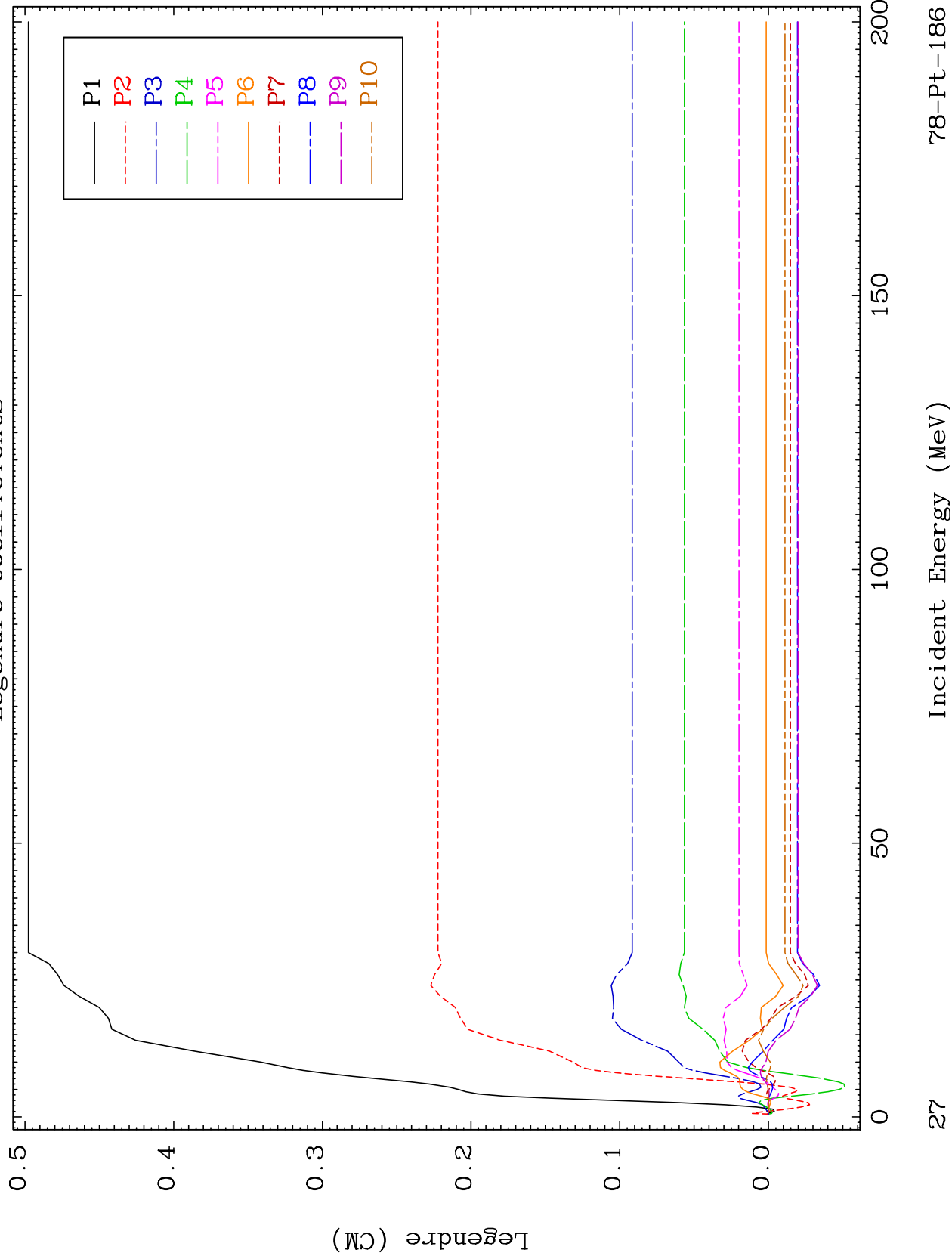
Incident Energy (MeV)

26

MAT 7813

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

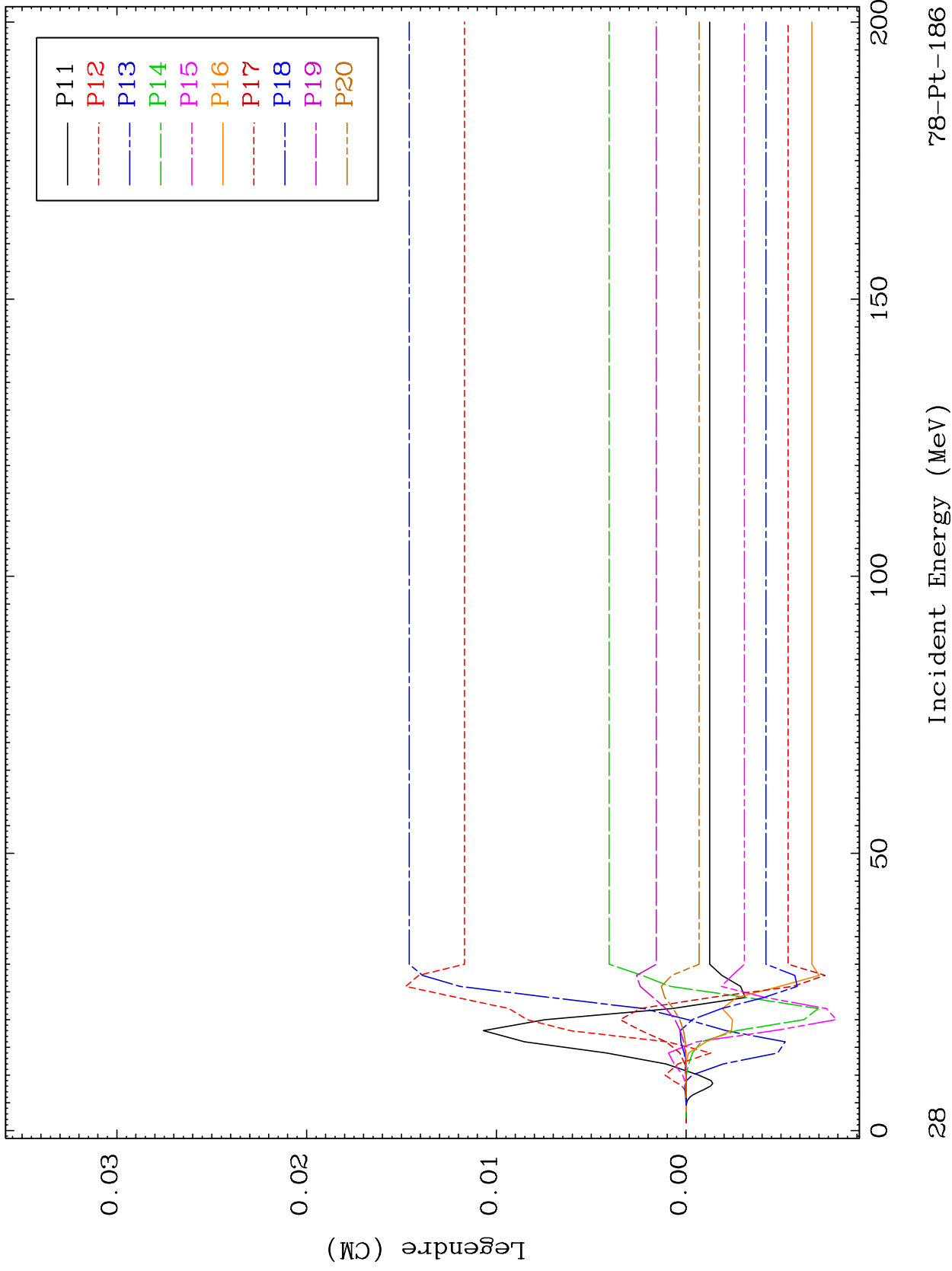
78-Pt-186



MAT 7813

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

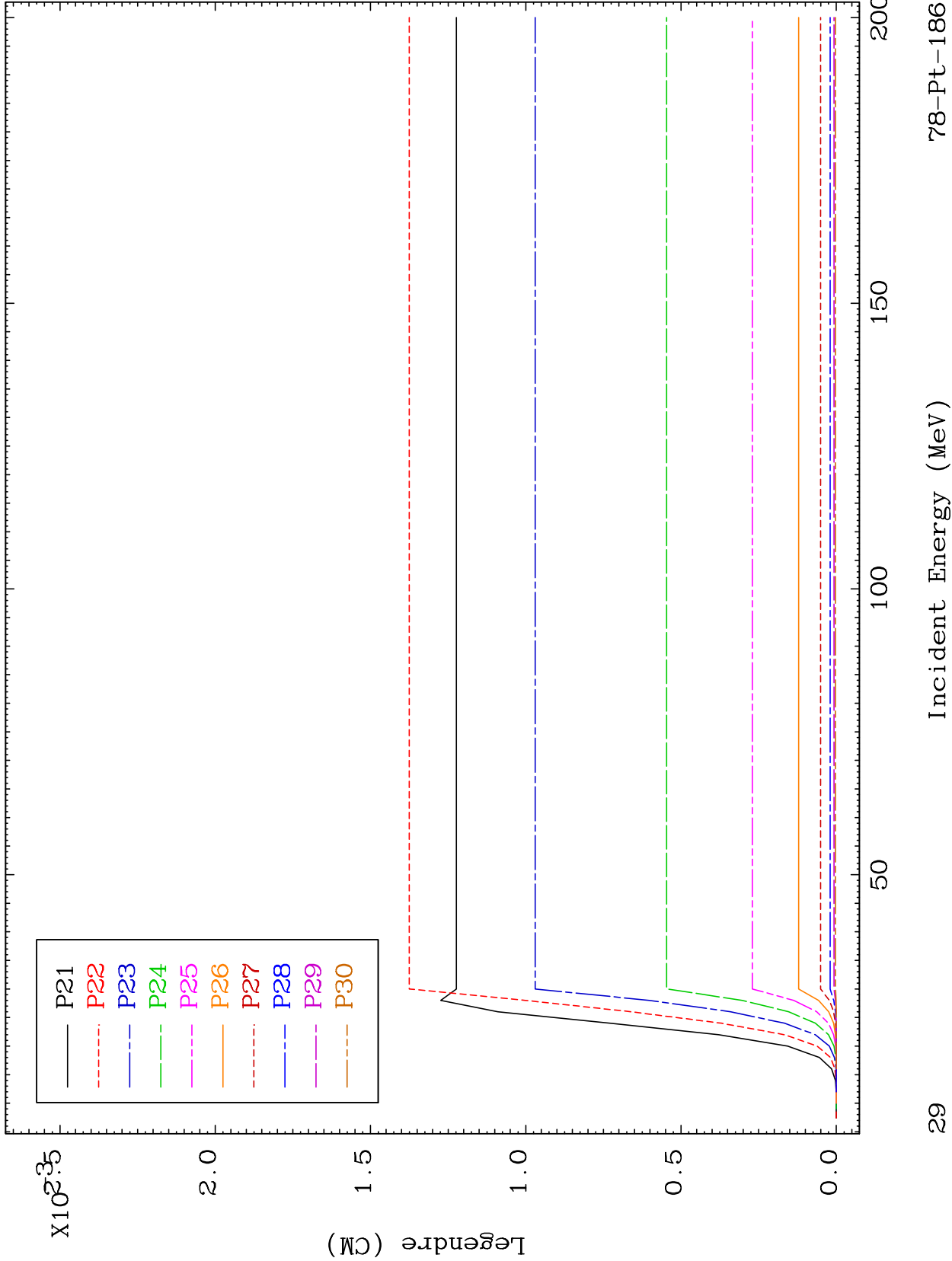
78-Pt-186



78-Pt-186

Incident Energy (MeV)

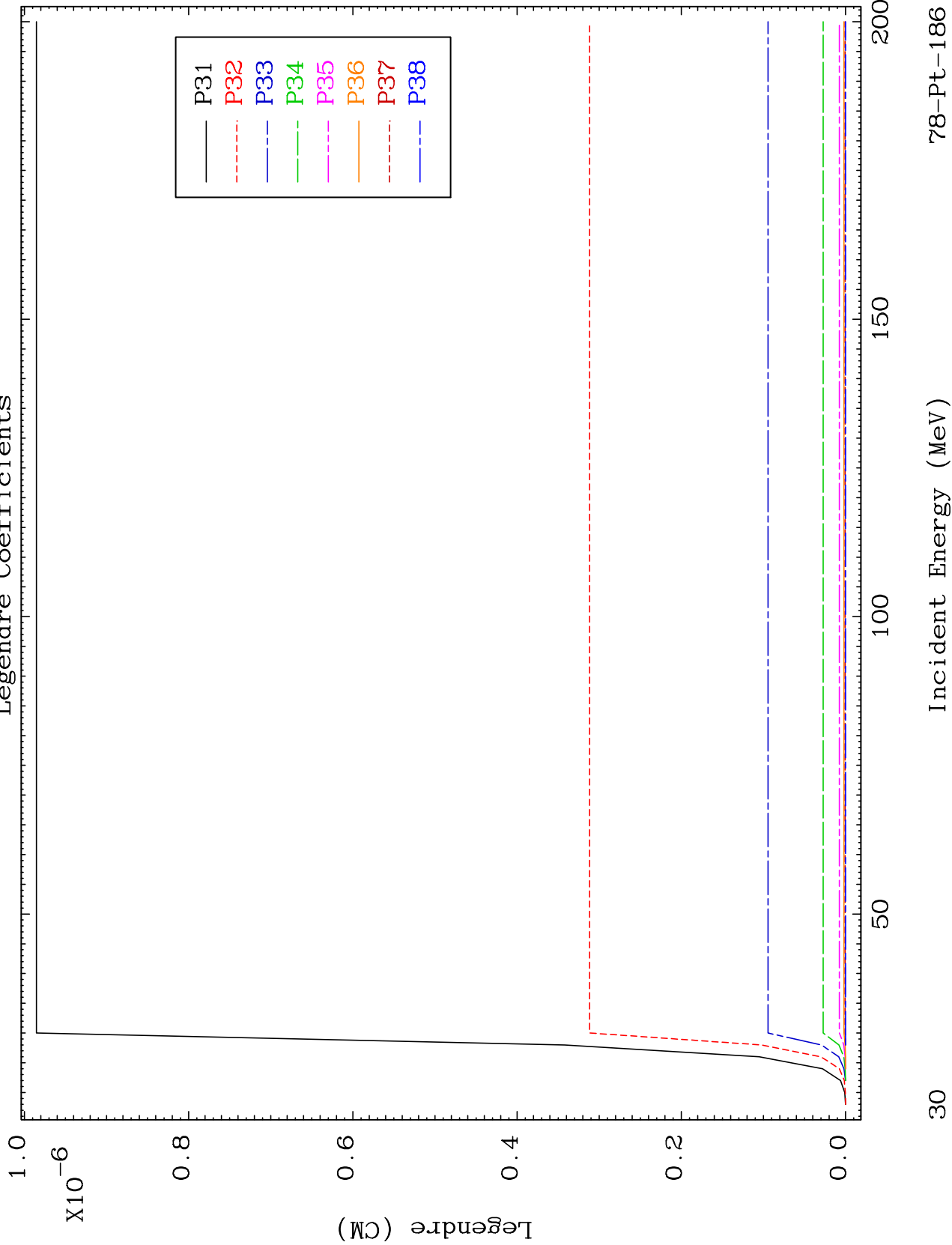
28



MAT 7813

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

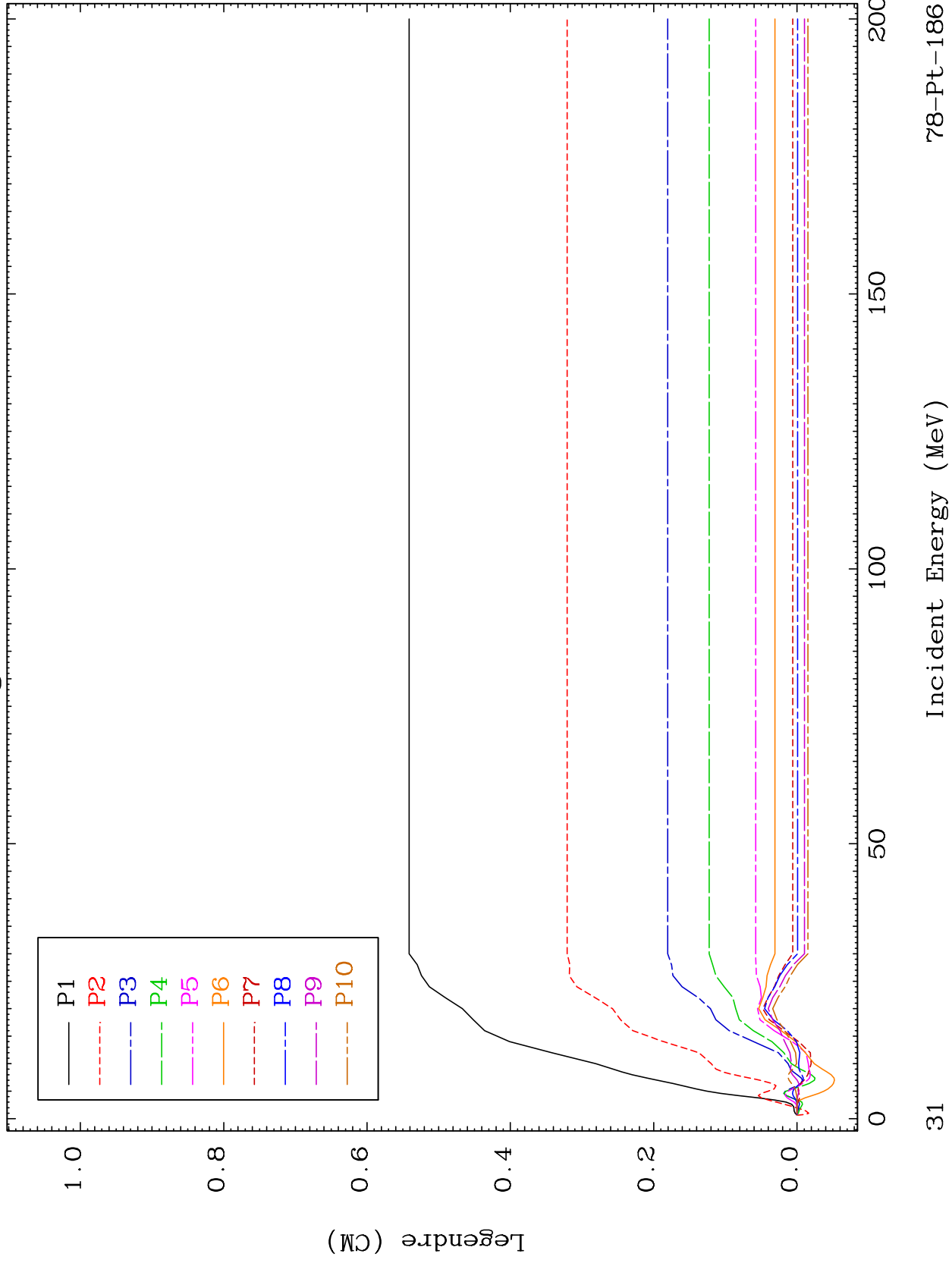
78-Pt-186



MAT 7813

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

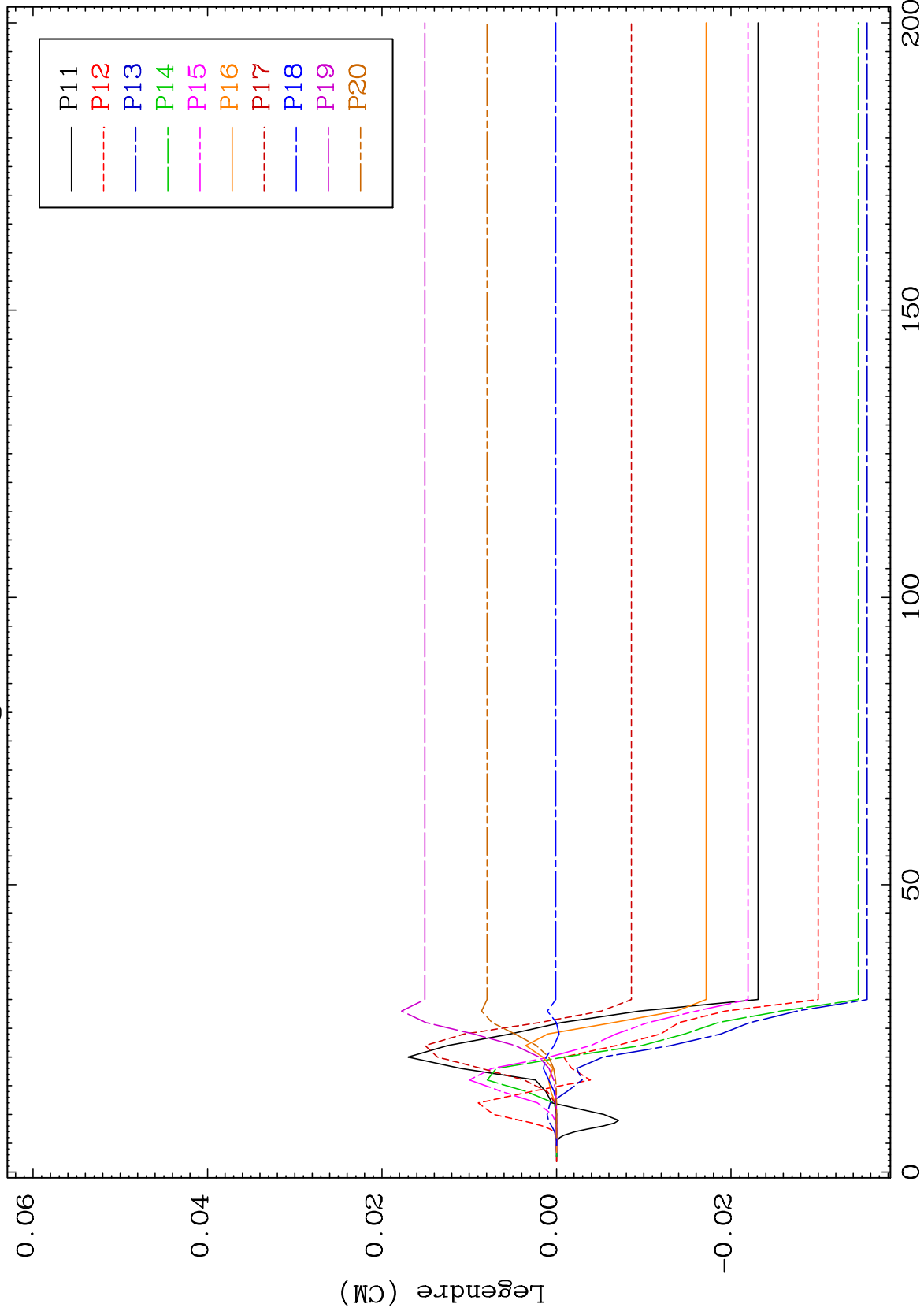
78-Pt-186



MAT 7813

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

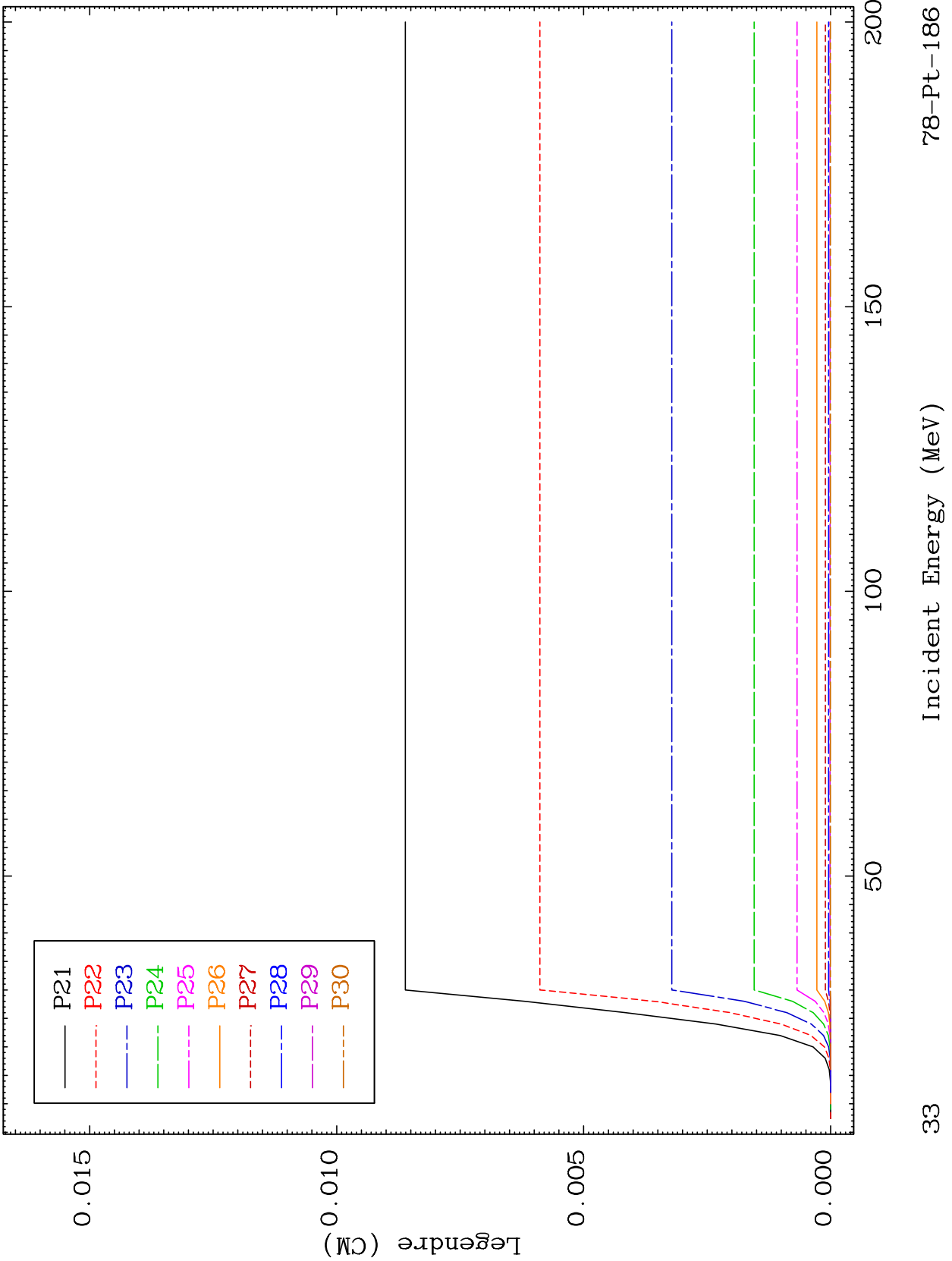
78-Pt-186



32

Incident Energy (MeV)

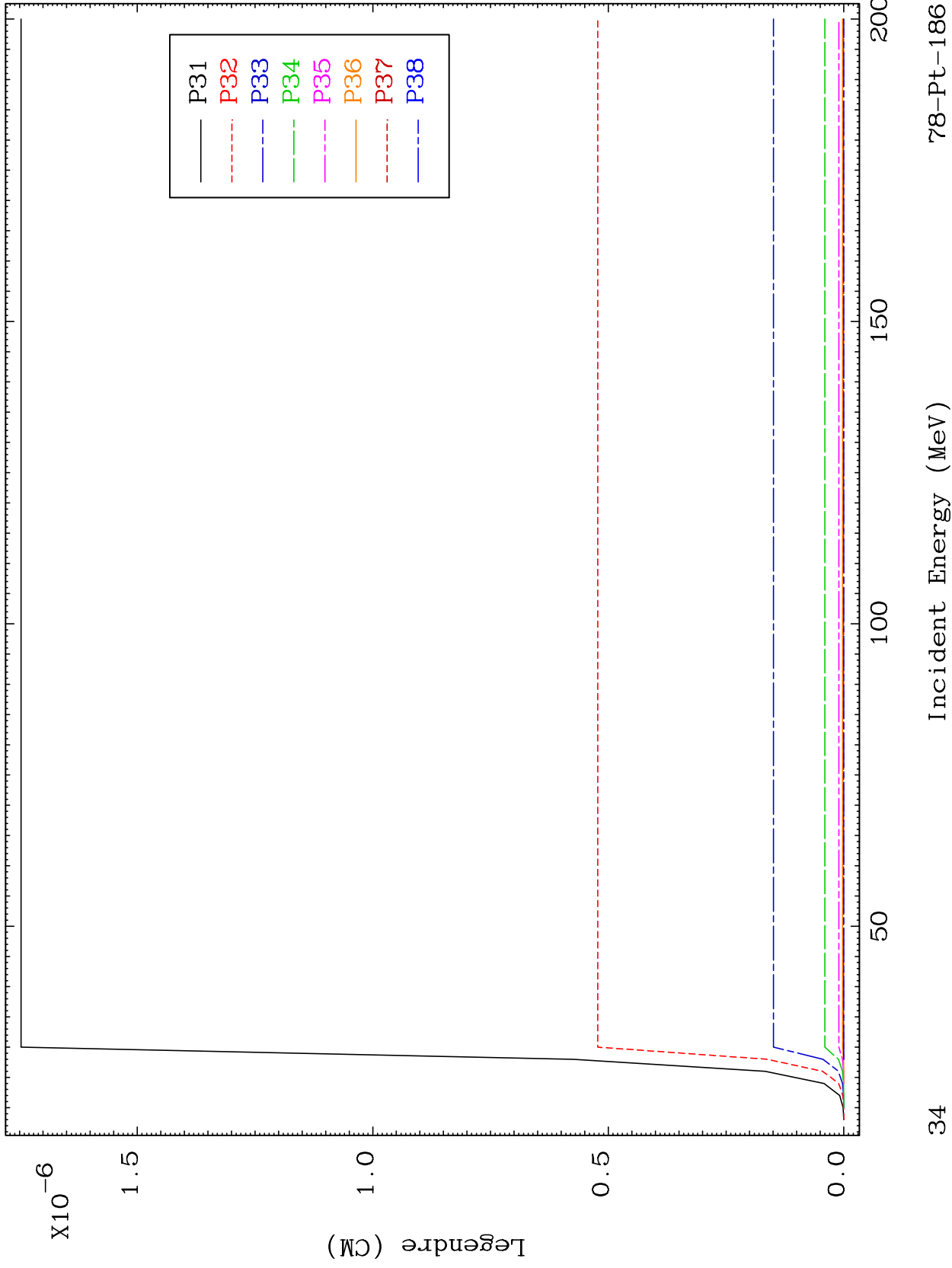
78-Pt-186



MAT 7813

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

78-Pt-186



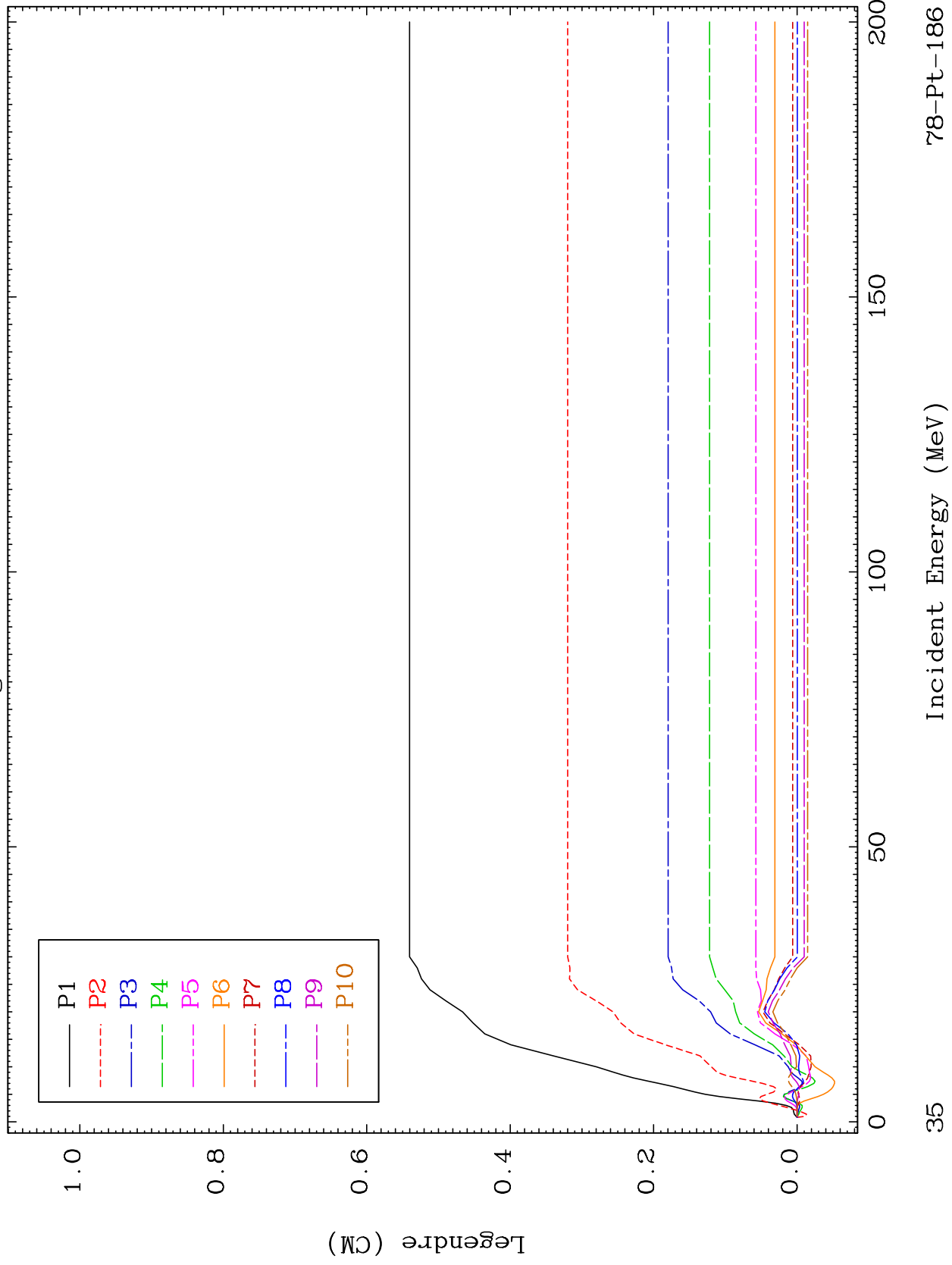
34

78-Pt-186

MAT 7813

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

78-Pt-186



78-Pt-186

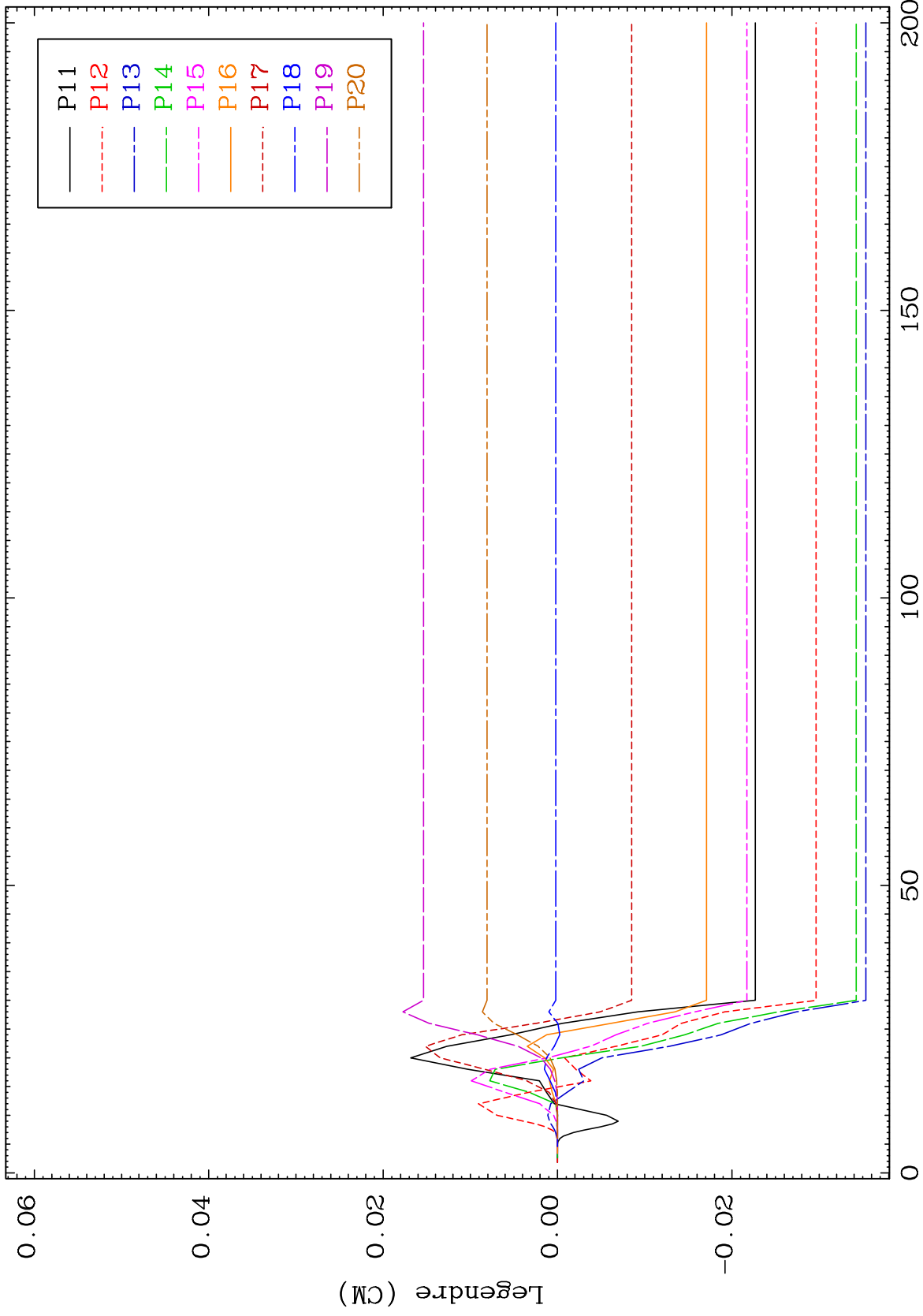
Incident Energy (MeV)

35

MAT 7813

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

78-Pt-186



36

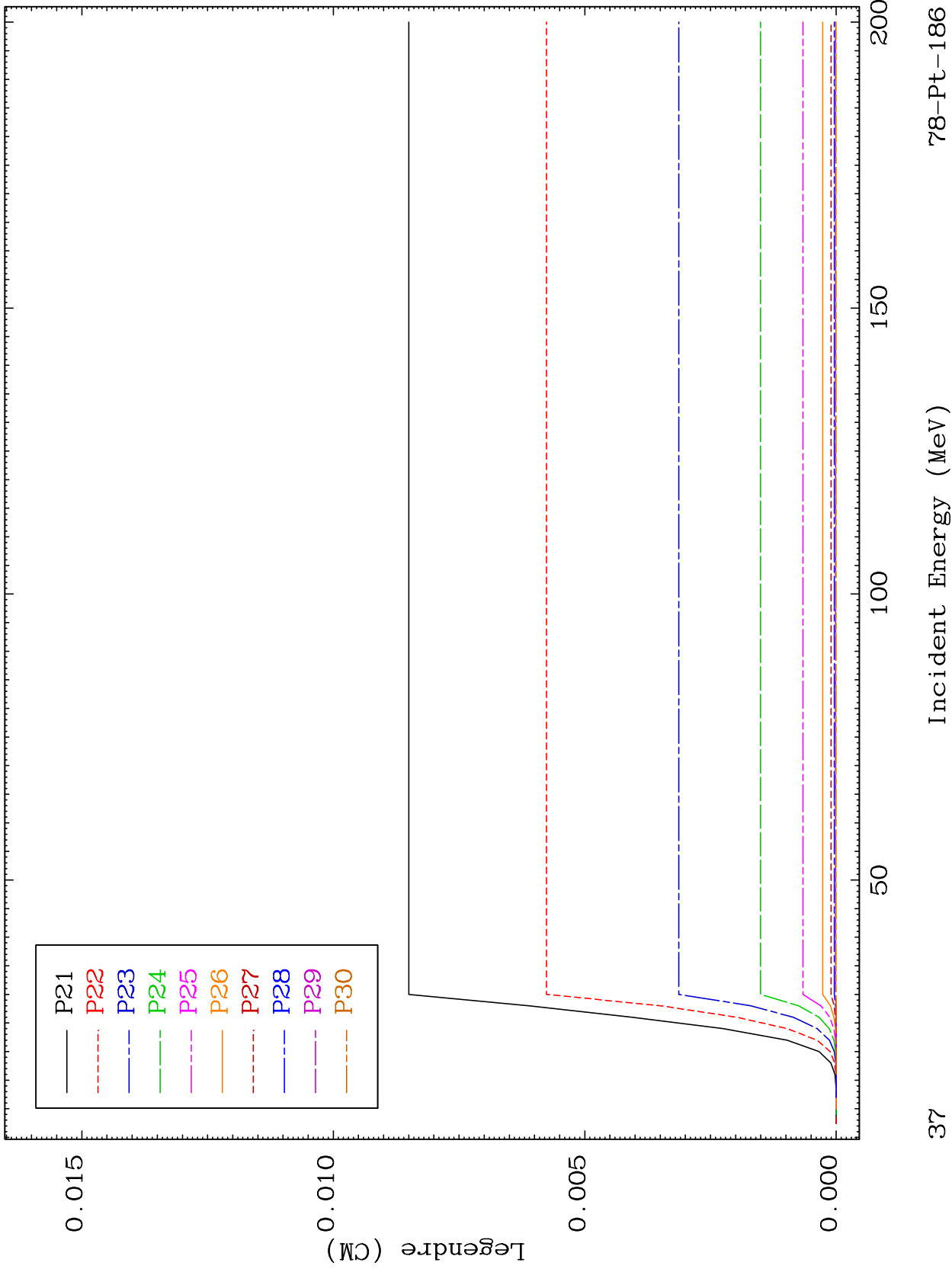
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



37

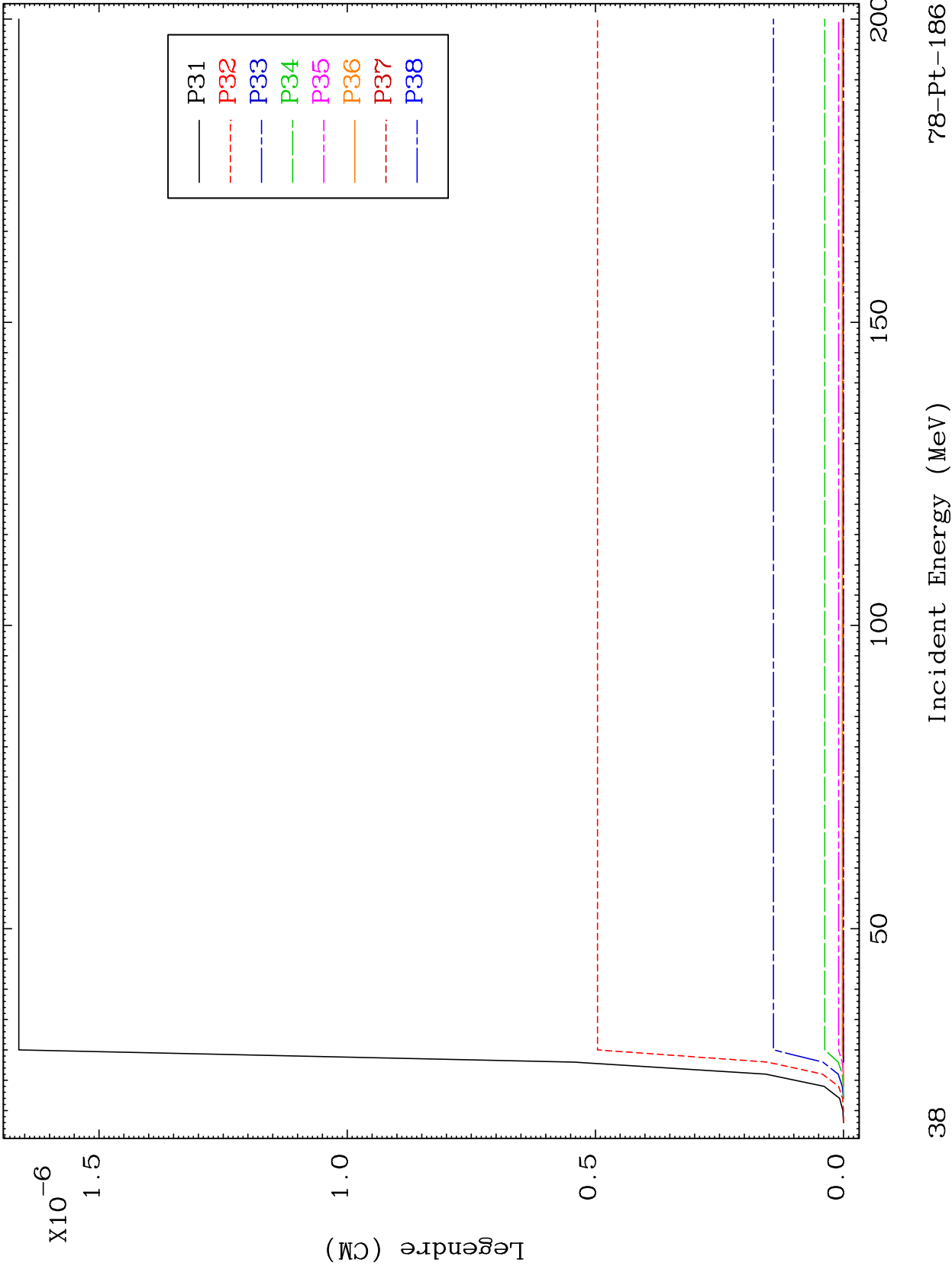
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



38

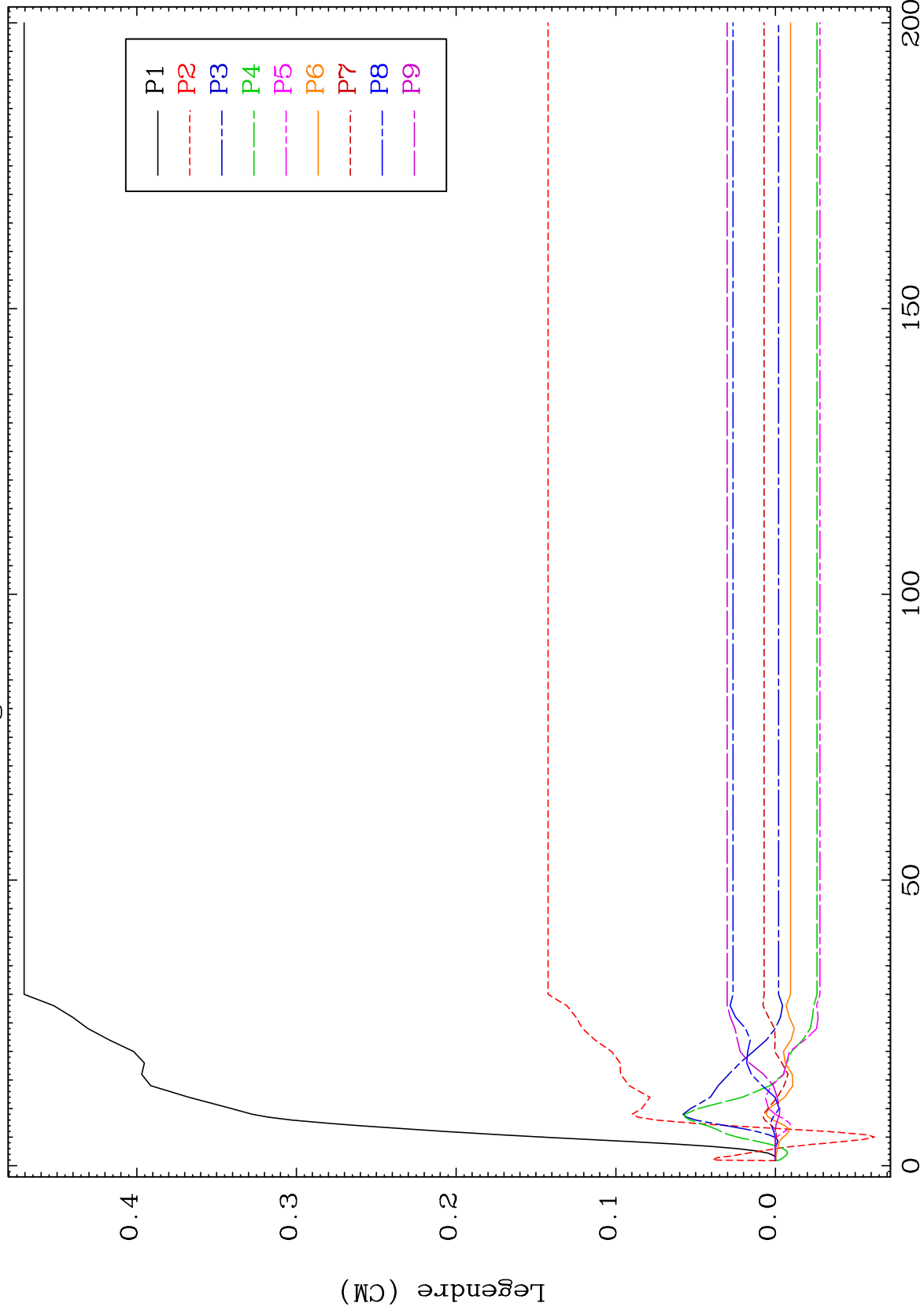
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



39

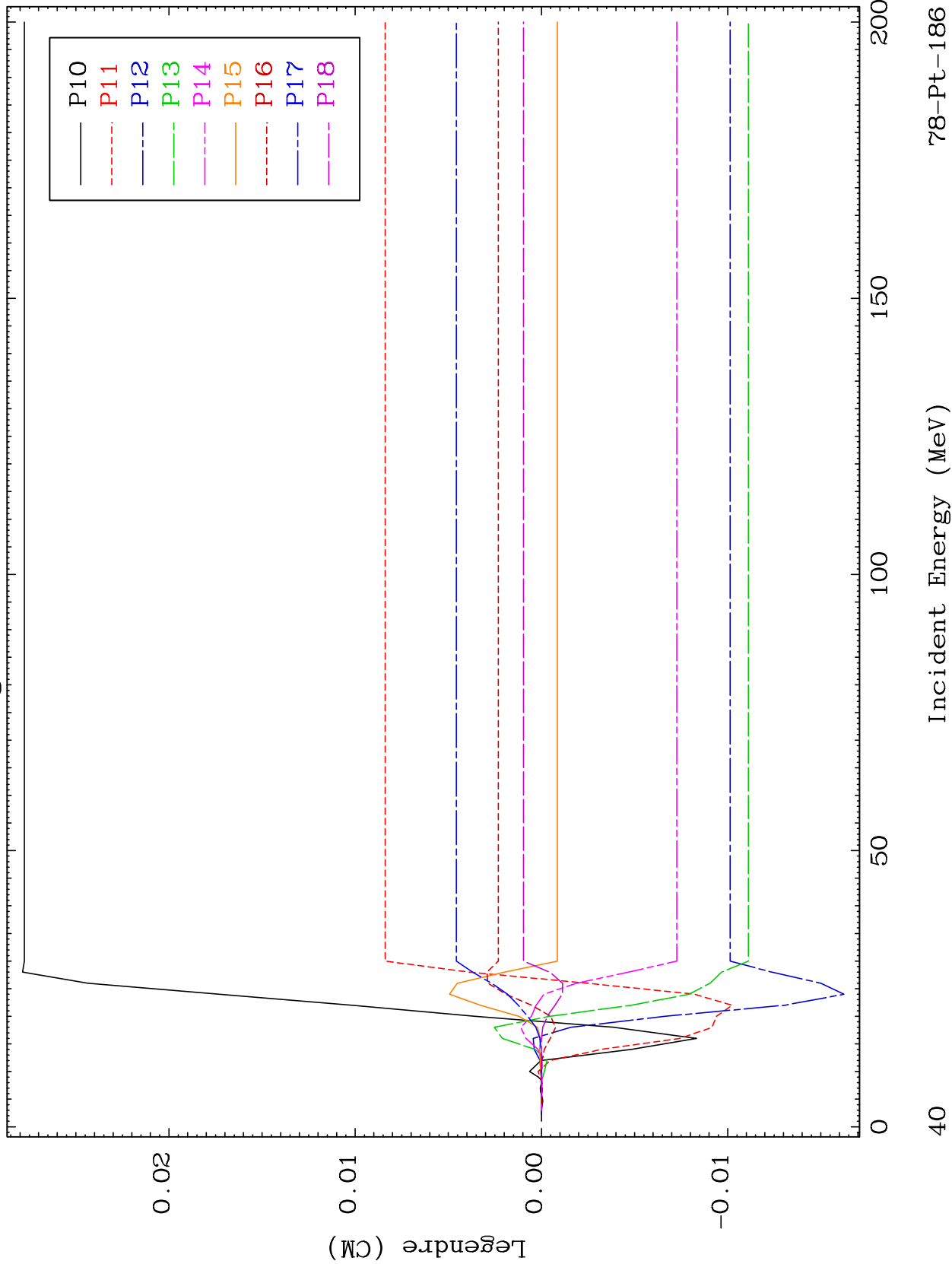
Incident Energy (MeV)

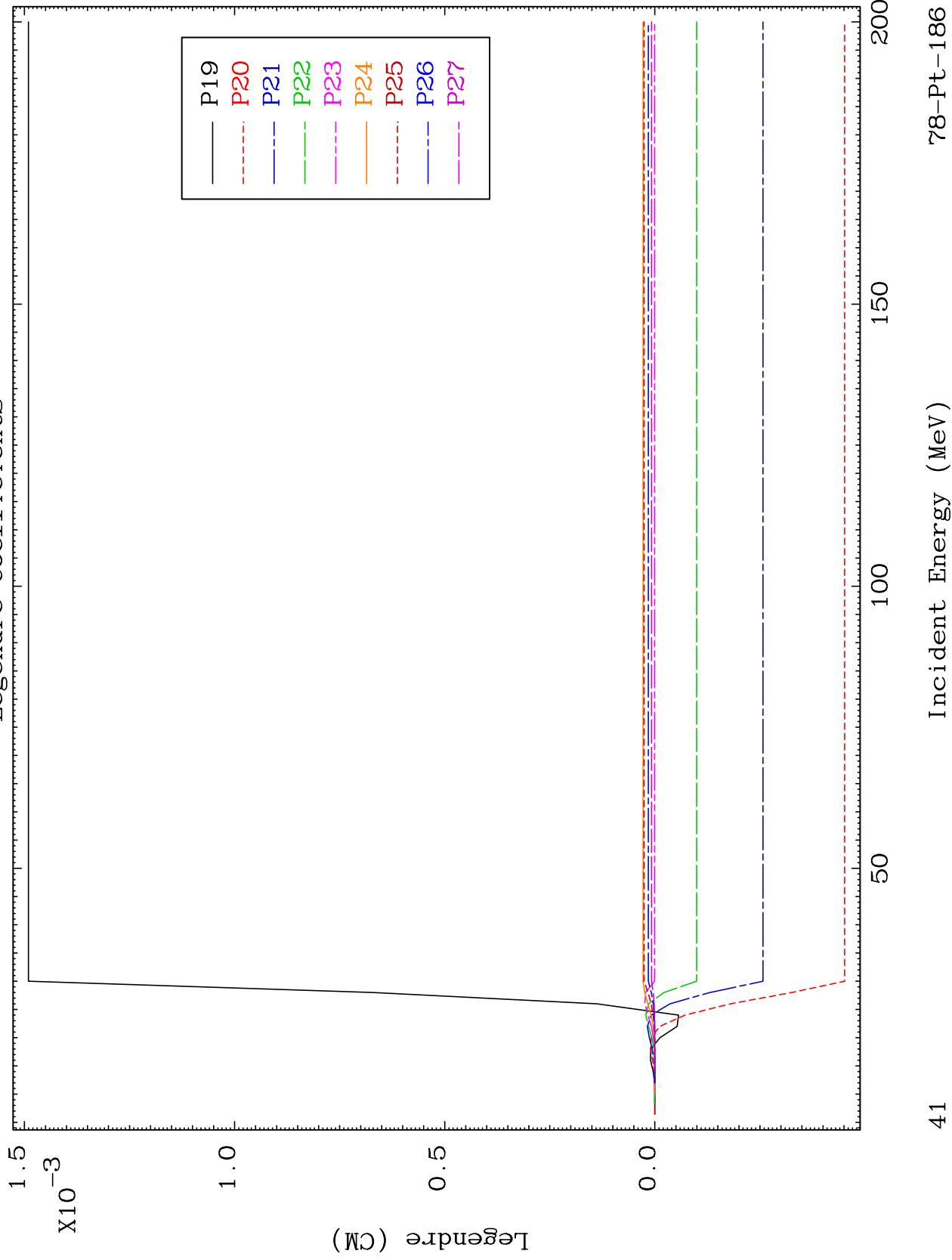
78-Pt-186

MAT 7813

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

78-Pt-186

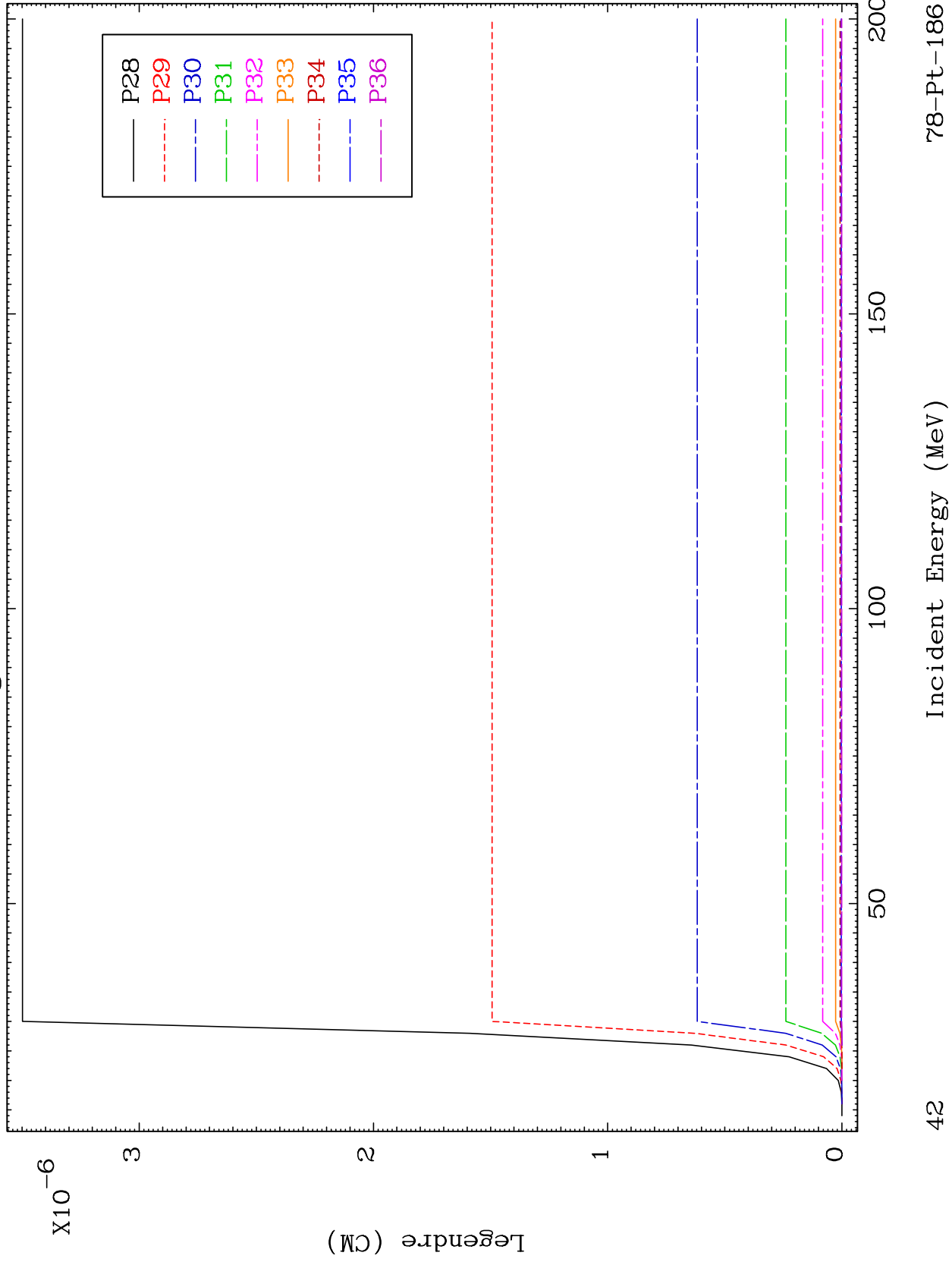




MAT 7813

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

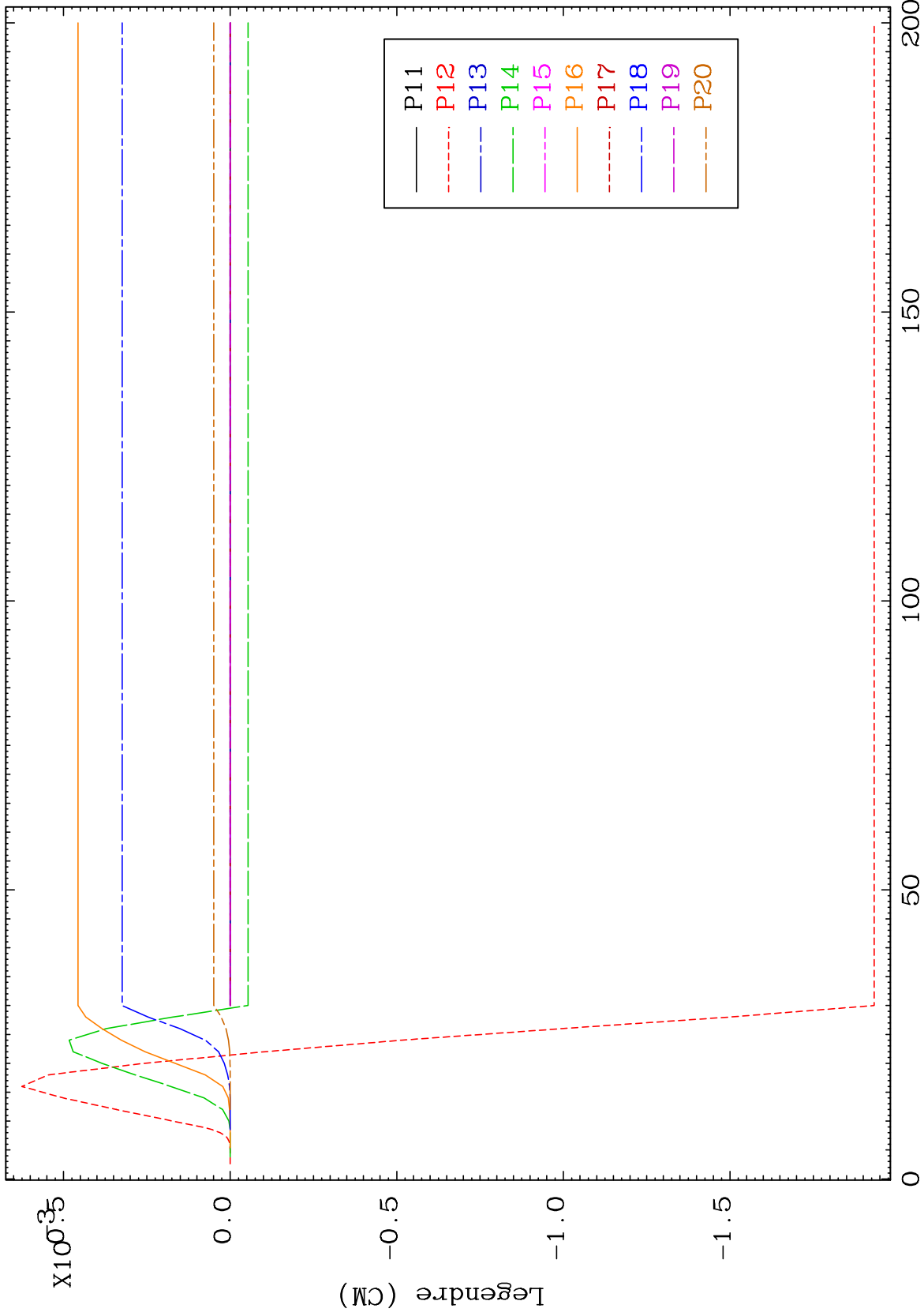
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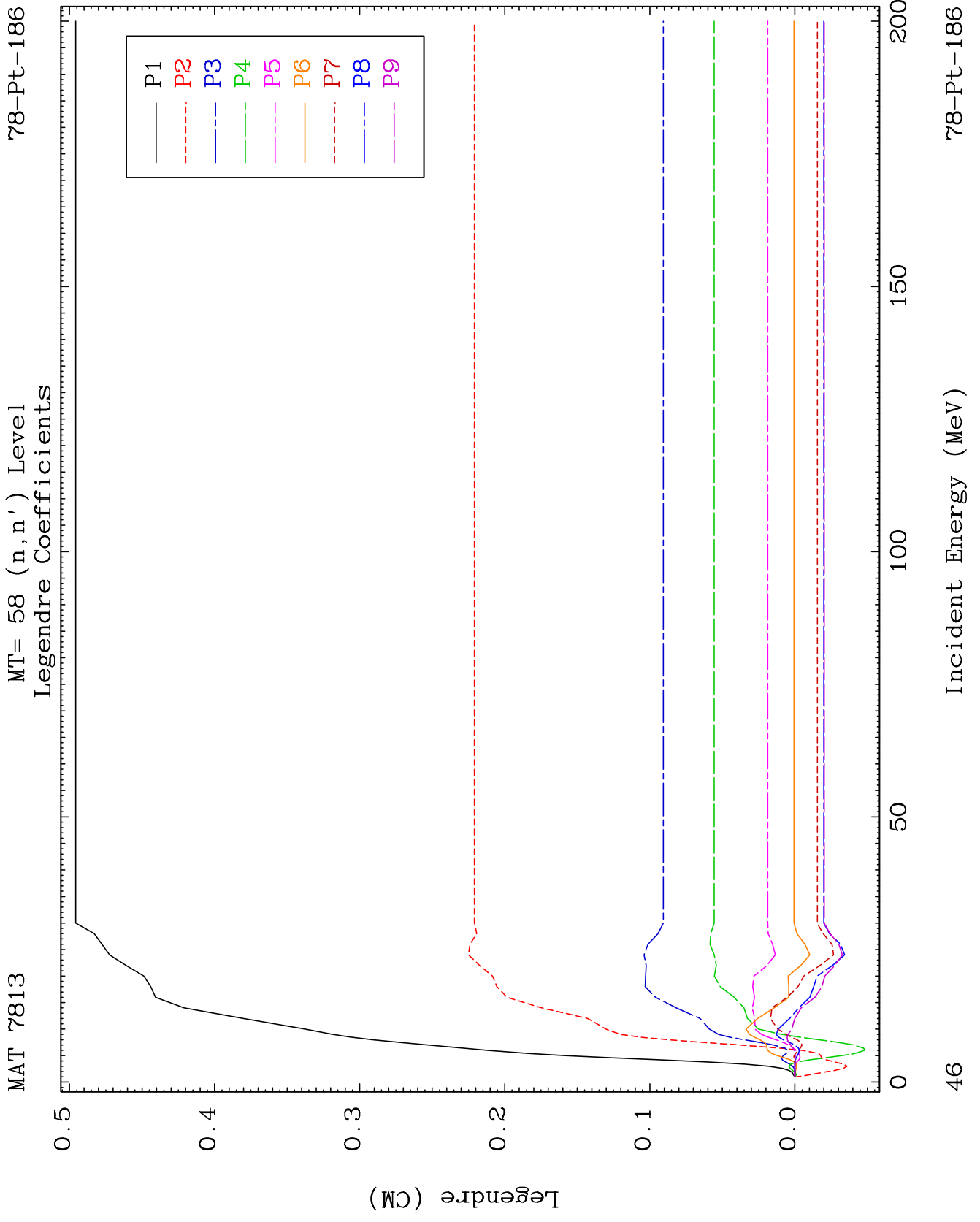


42

Incident Energy (MeV)

78-Pt-186

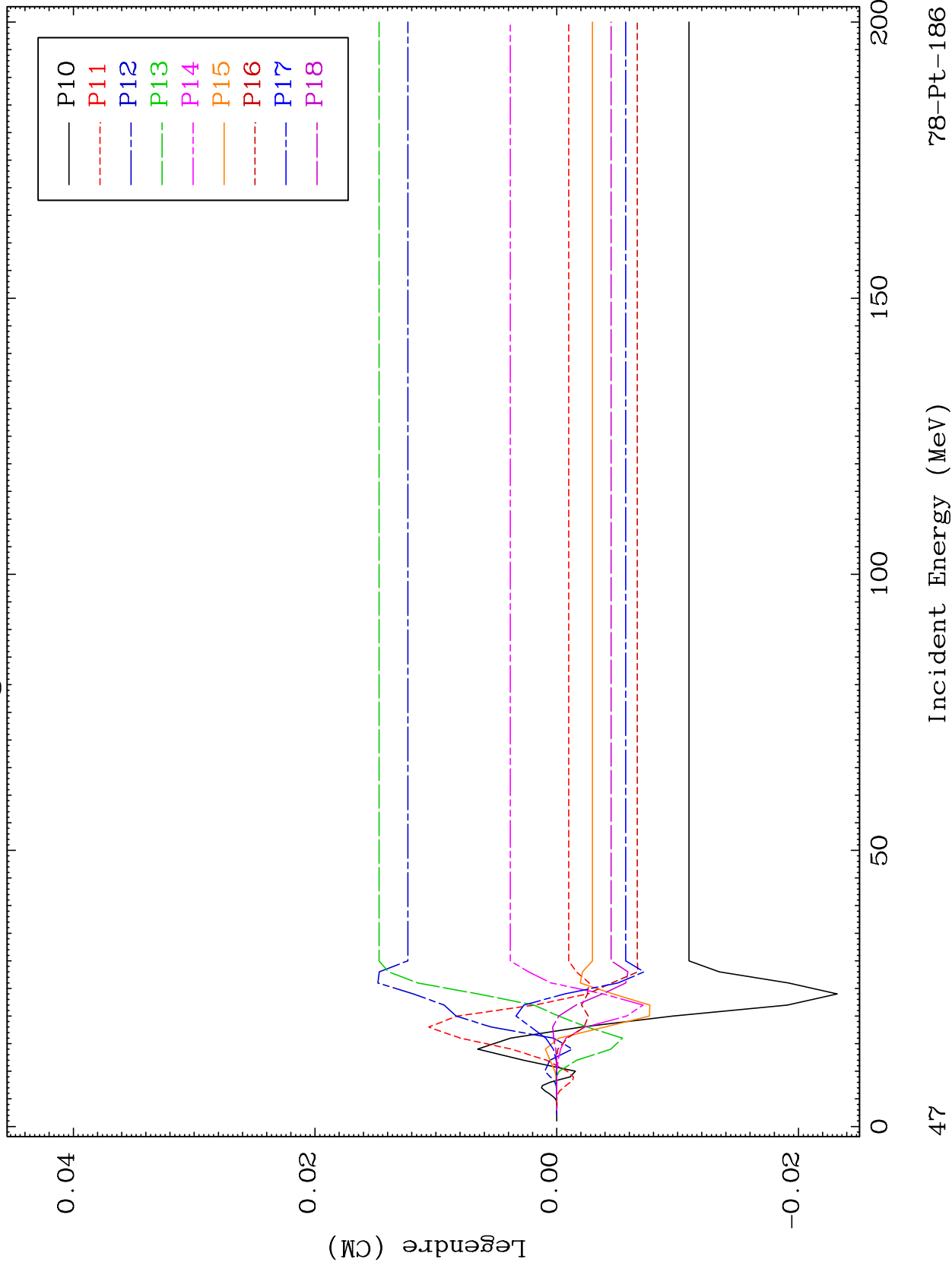




MAT 7813

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

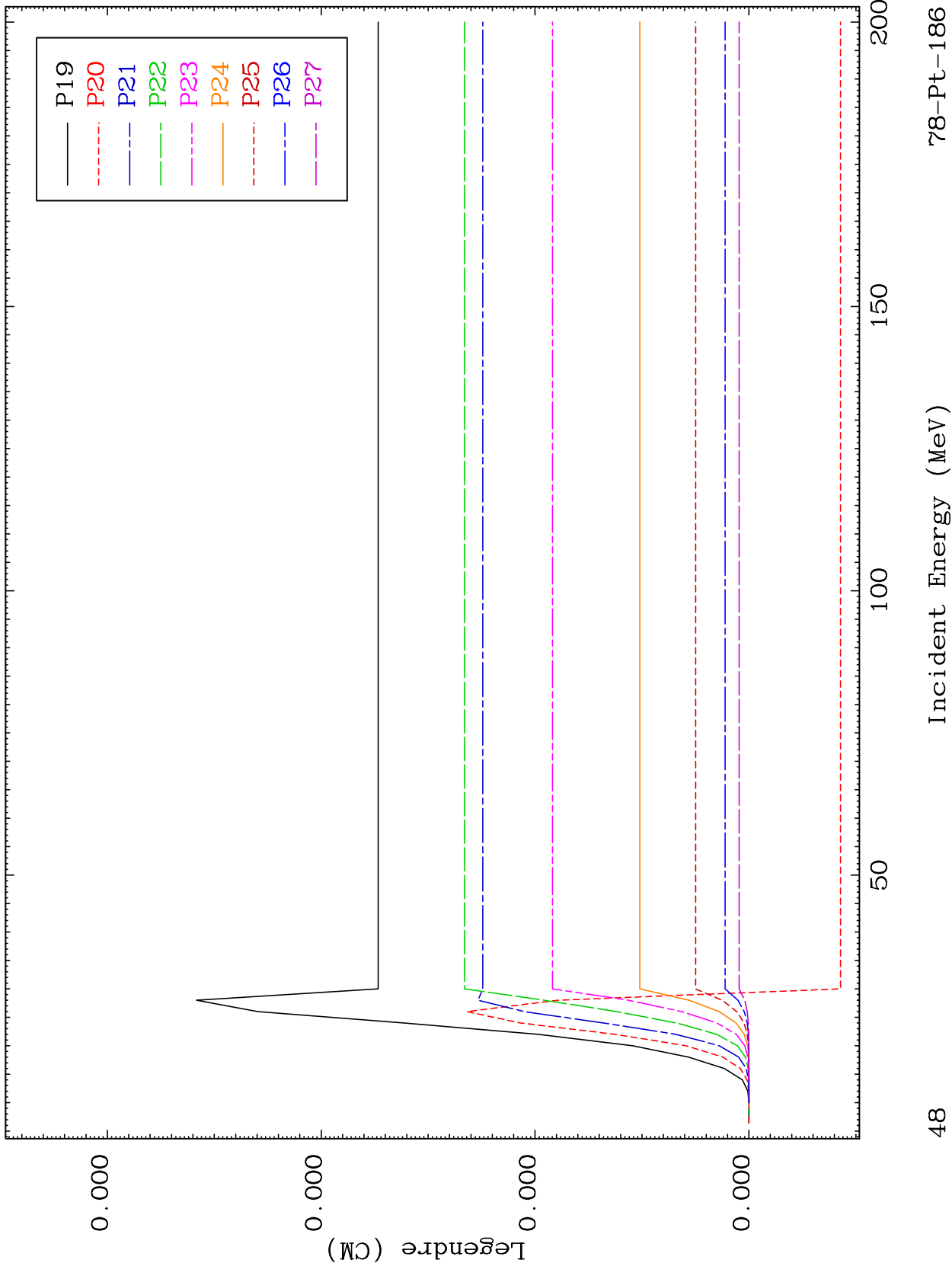
78-Pt-186



MAT 7813

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

78-Pt-186



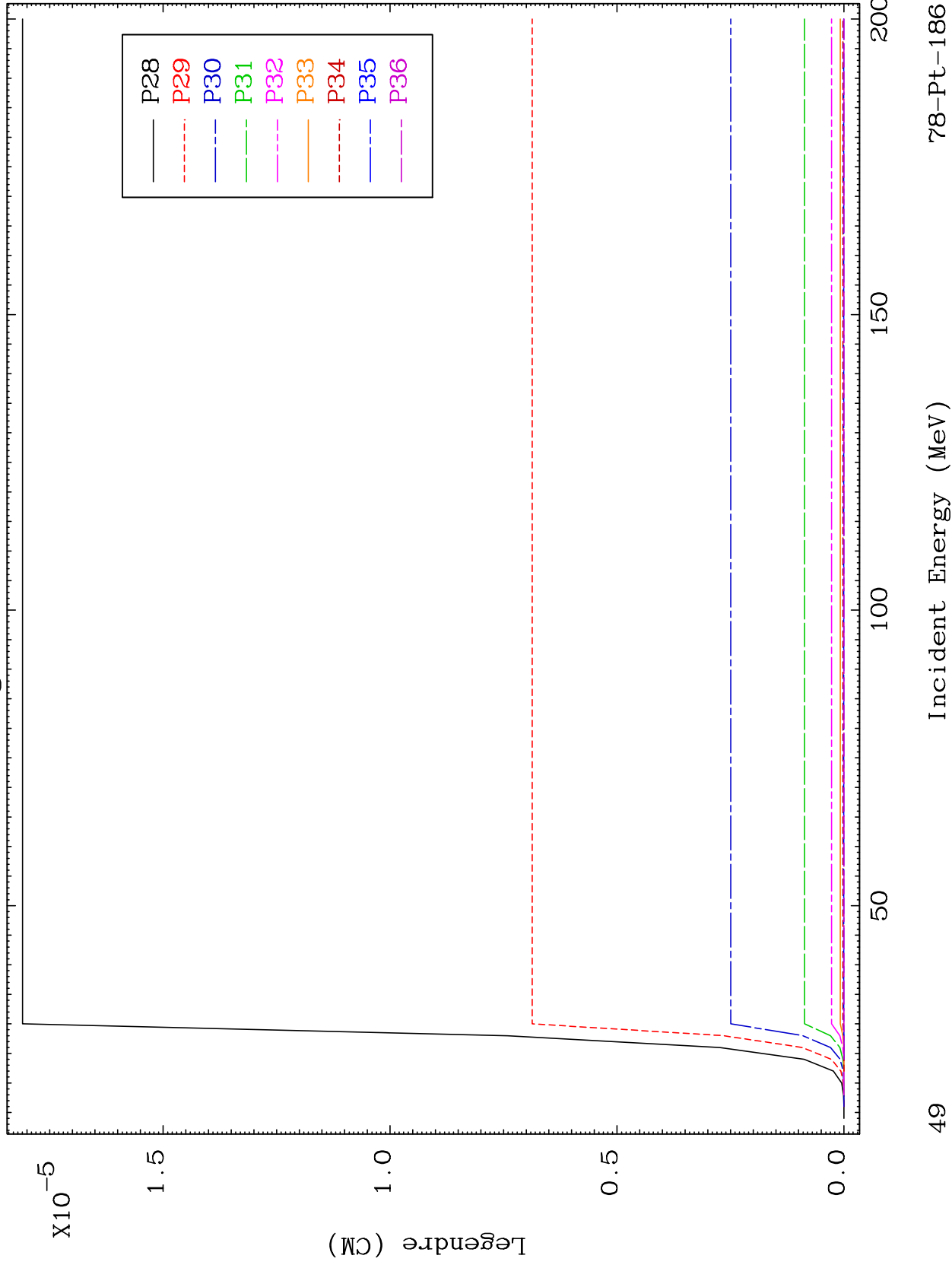
48

78-Pt-186

MAT 7813

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

78-Pt-186



49

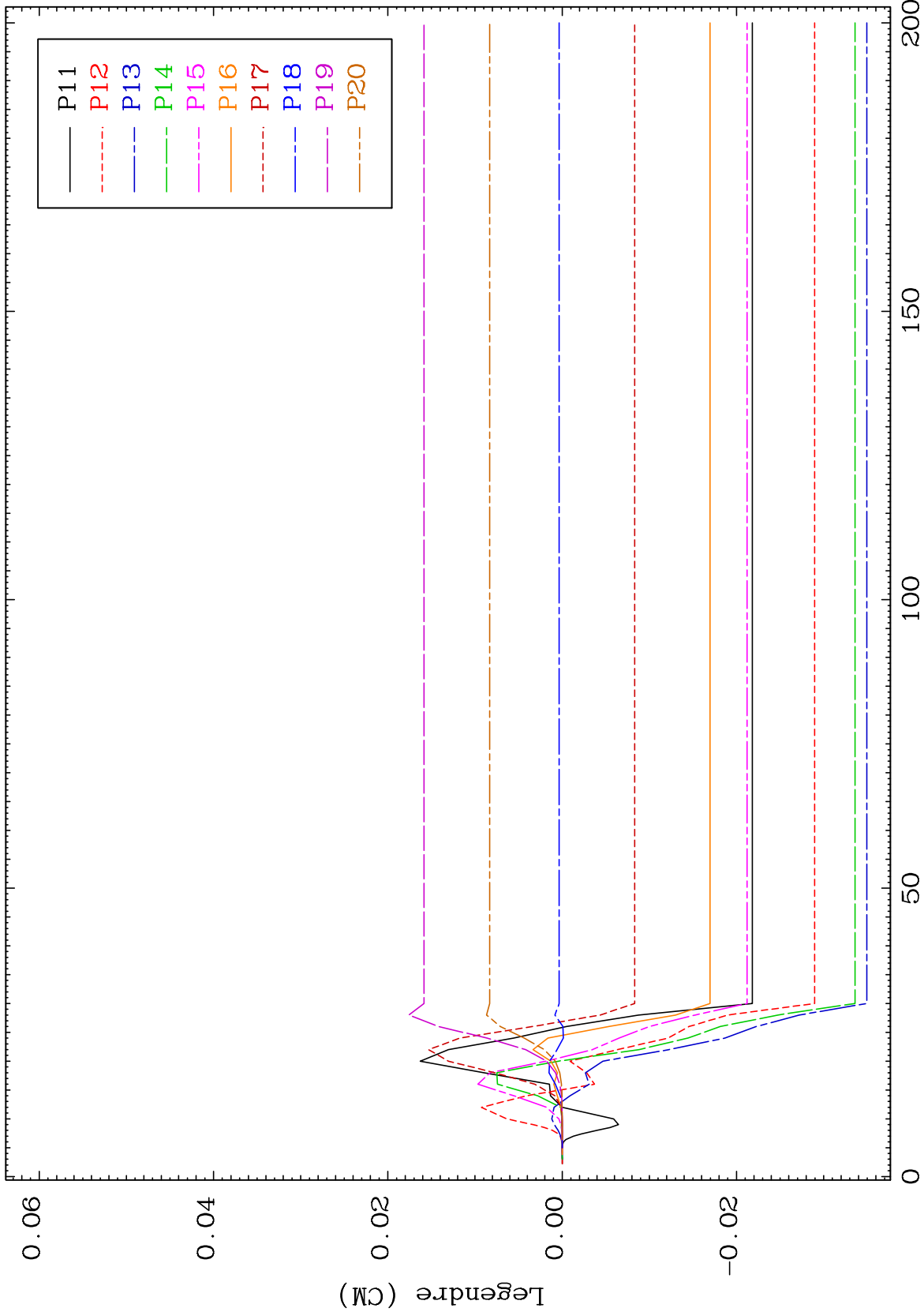
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

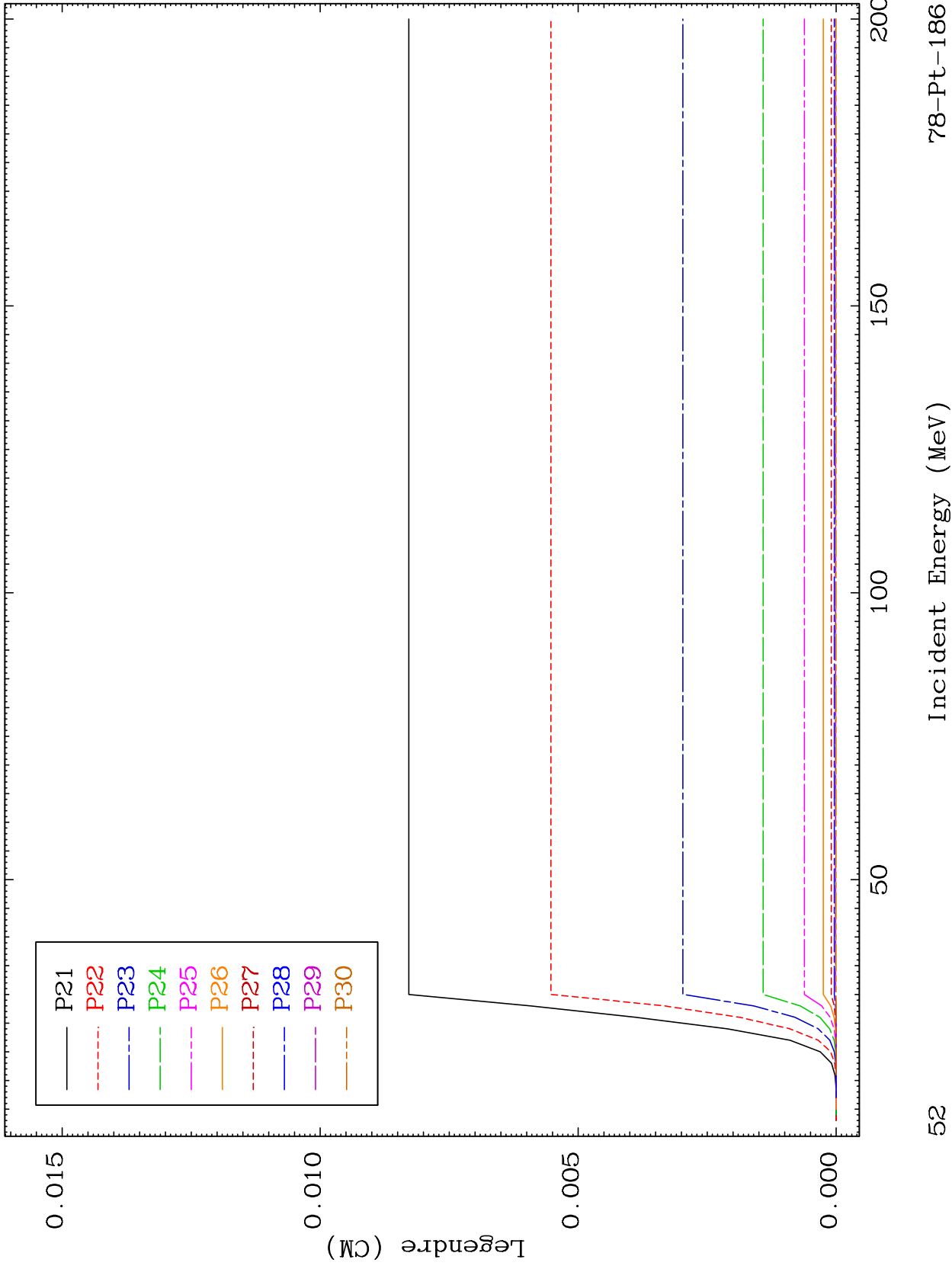
78-Pt-186



MAT 7813

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

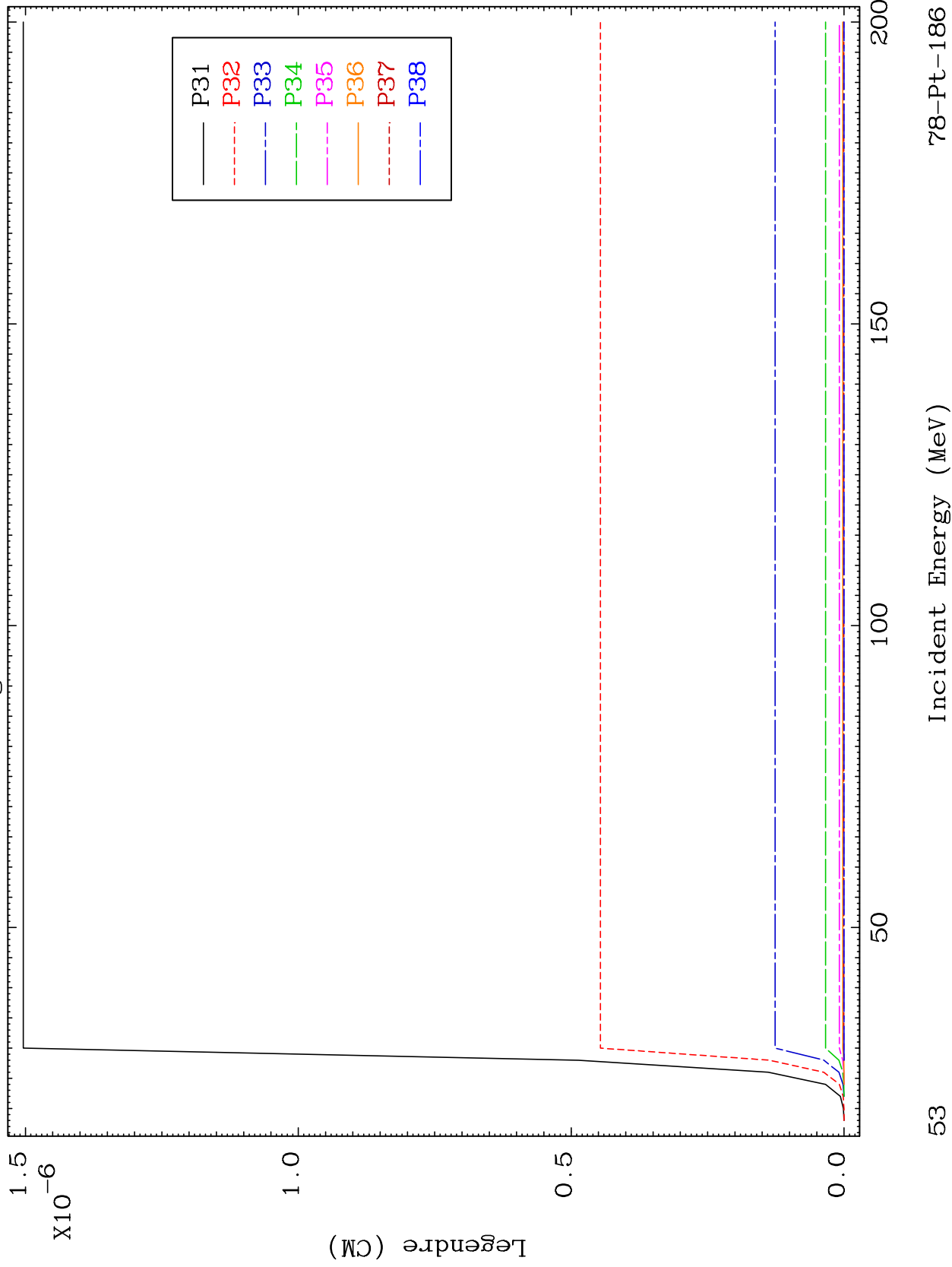
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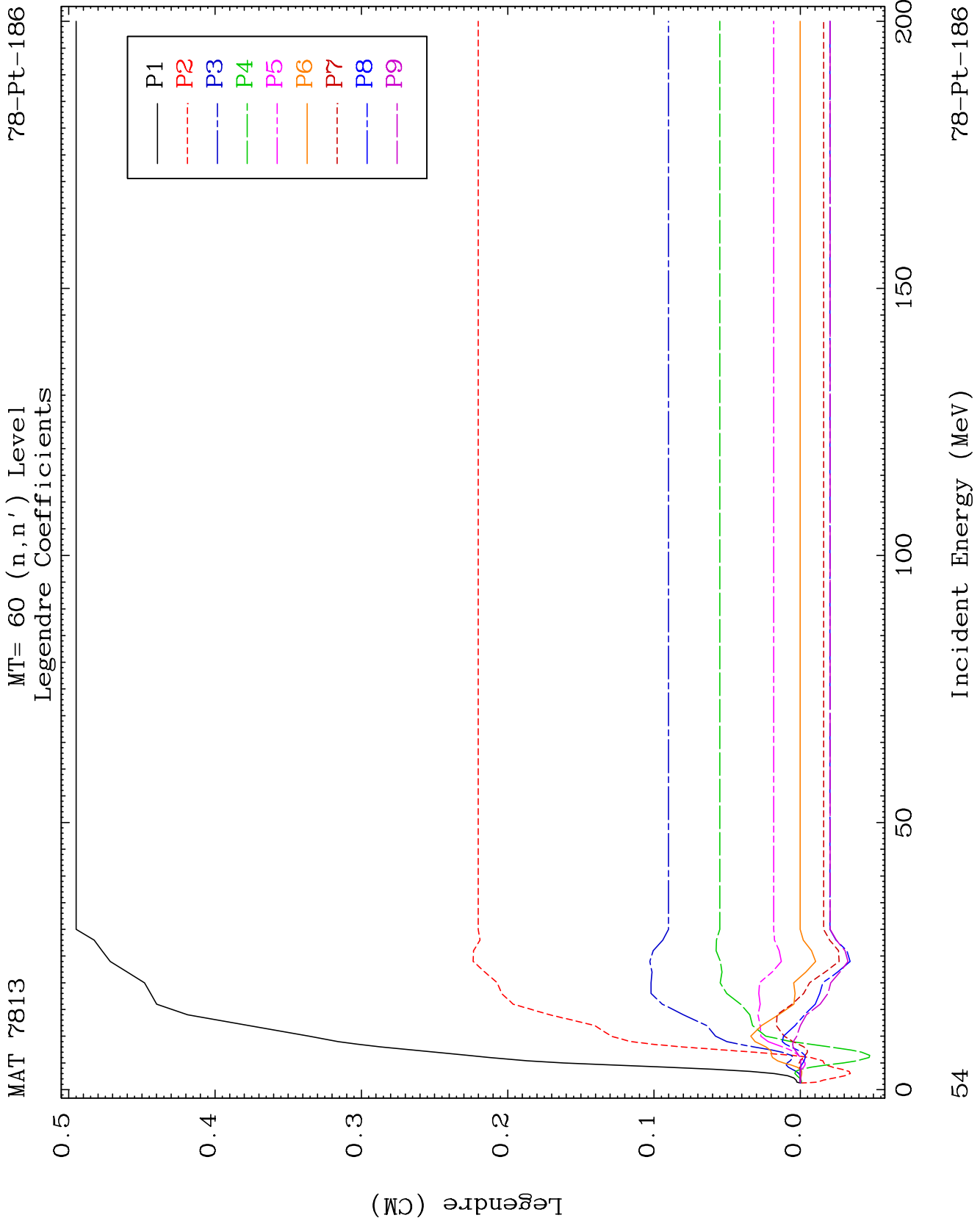


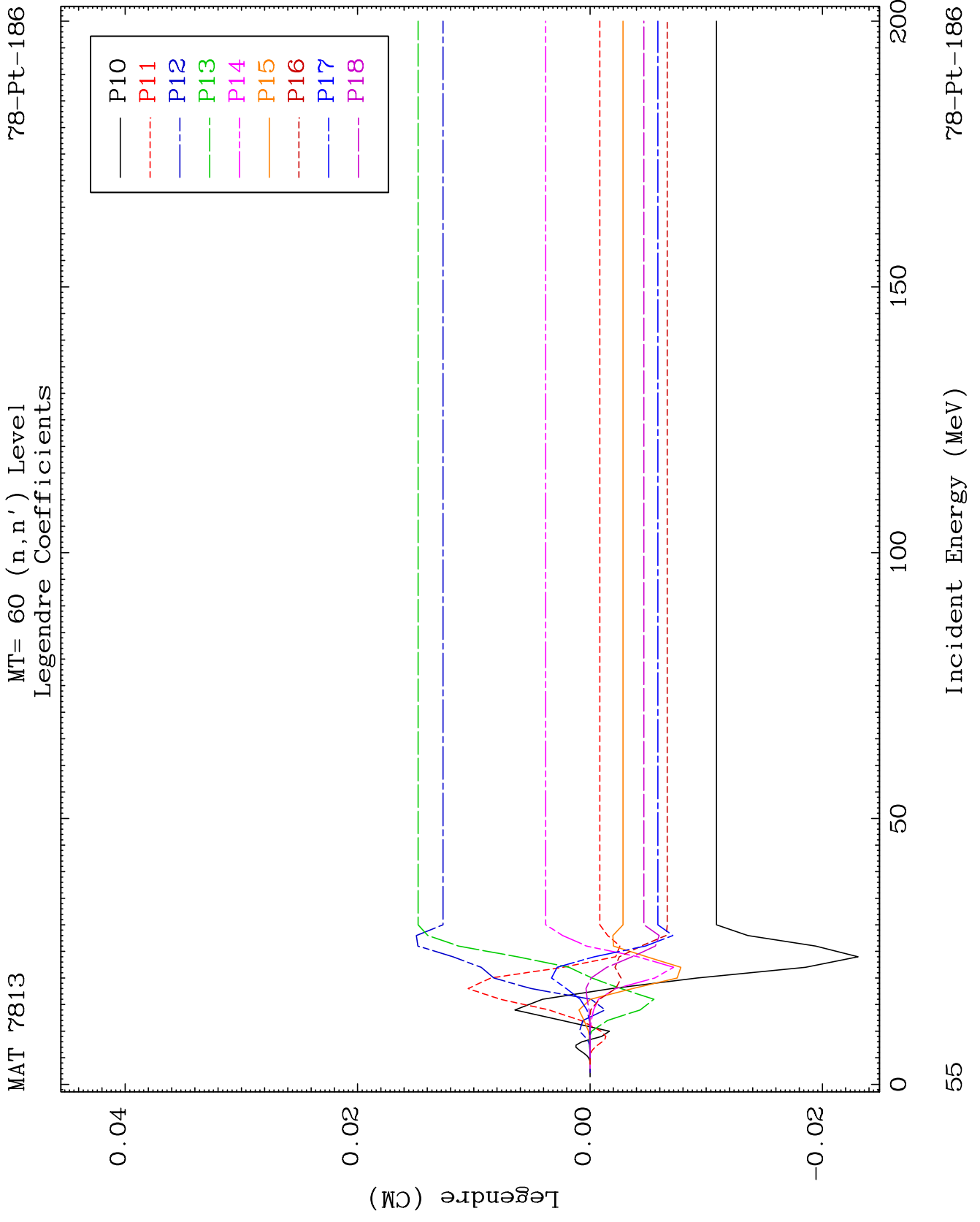
52

Incident Energy (MeV)

78-Pt-186



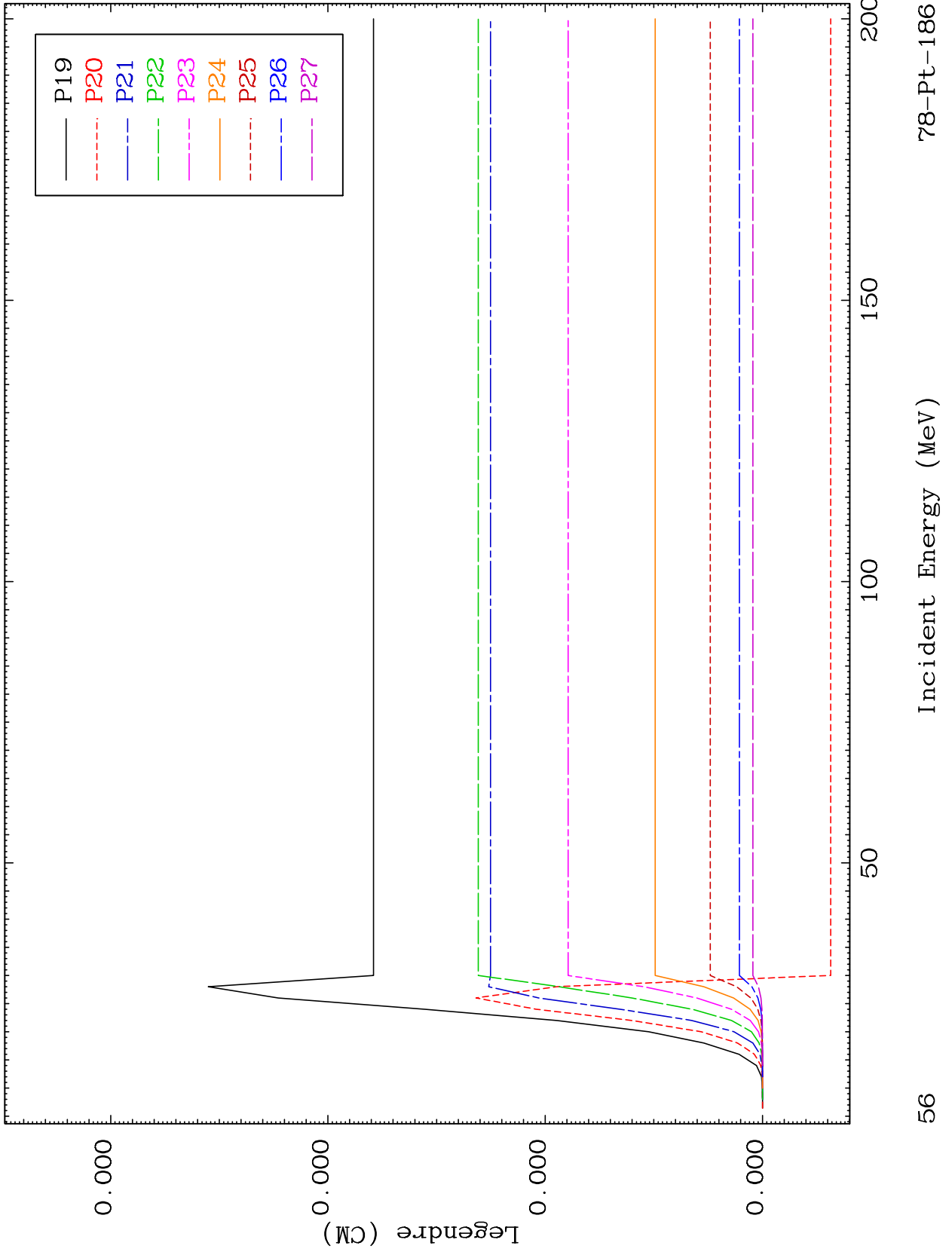




MAT 7813

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

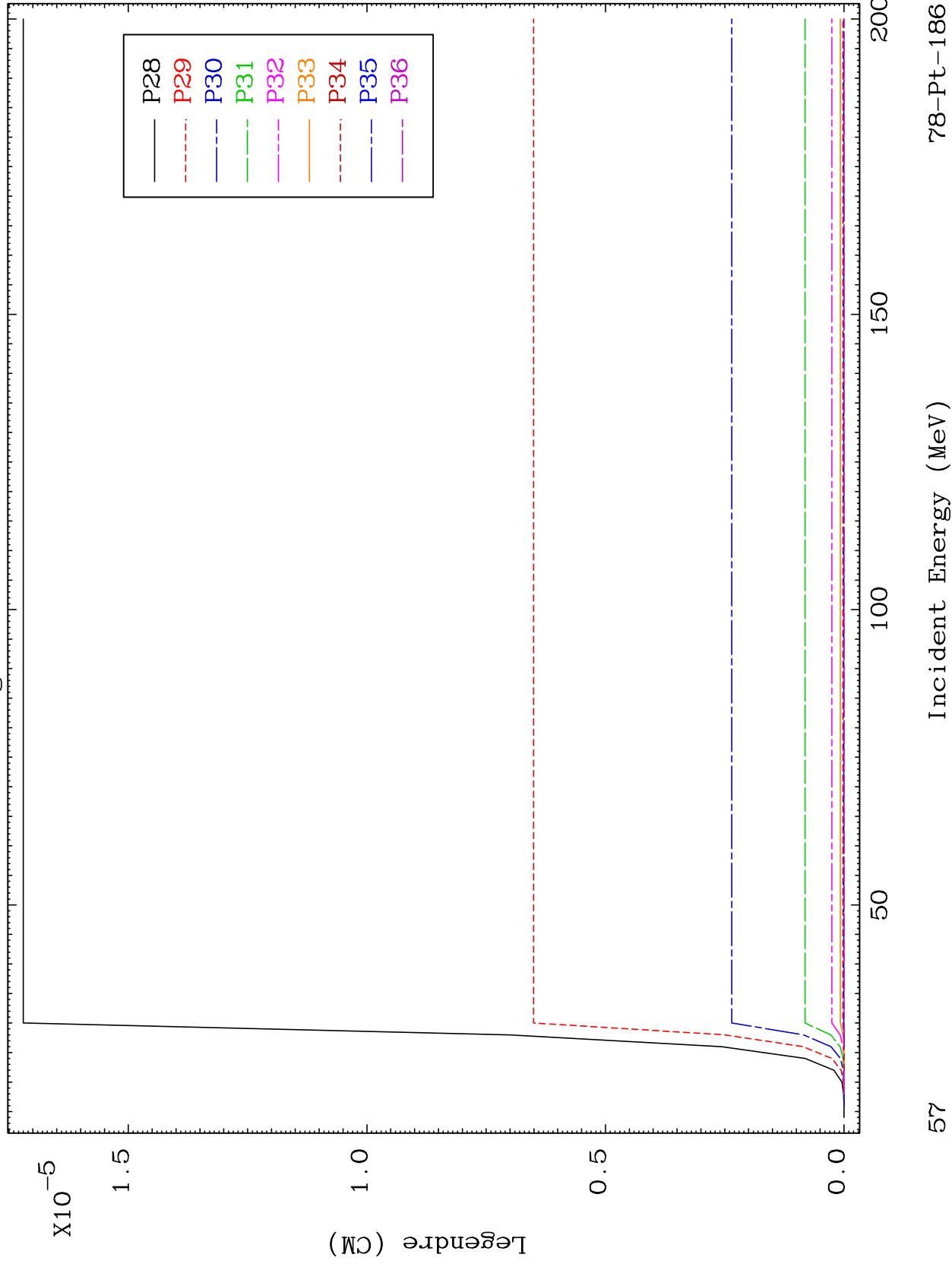
78-Pt-186



MAT 7813

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

78-Pt-186



57

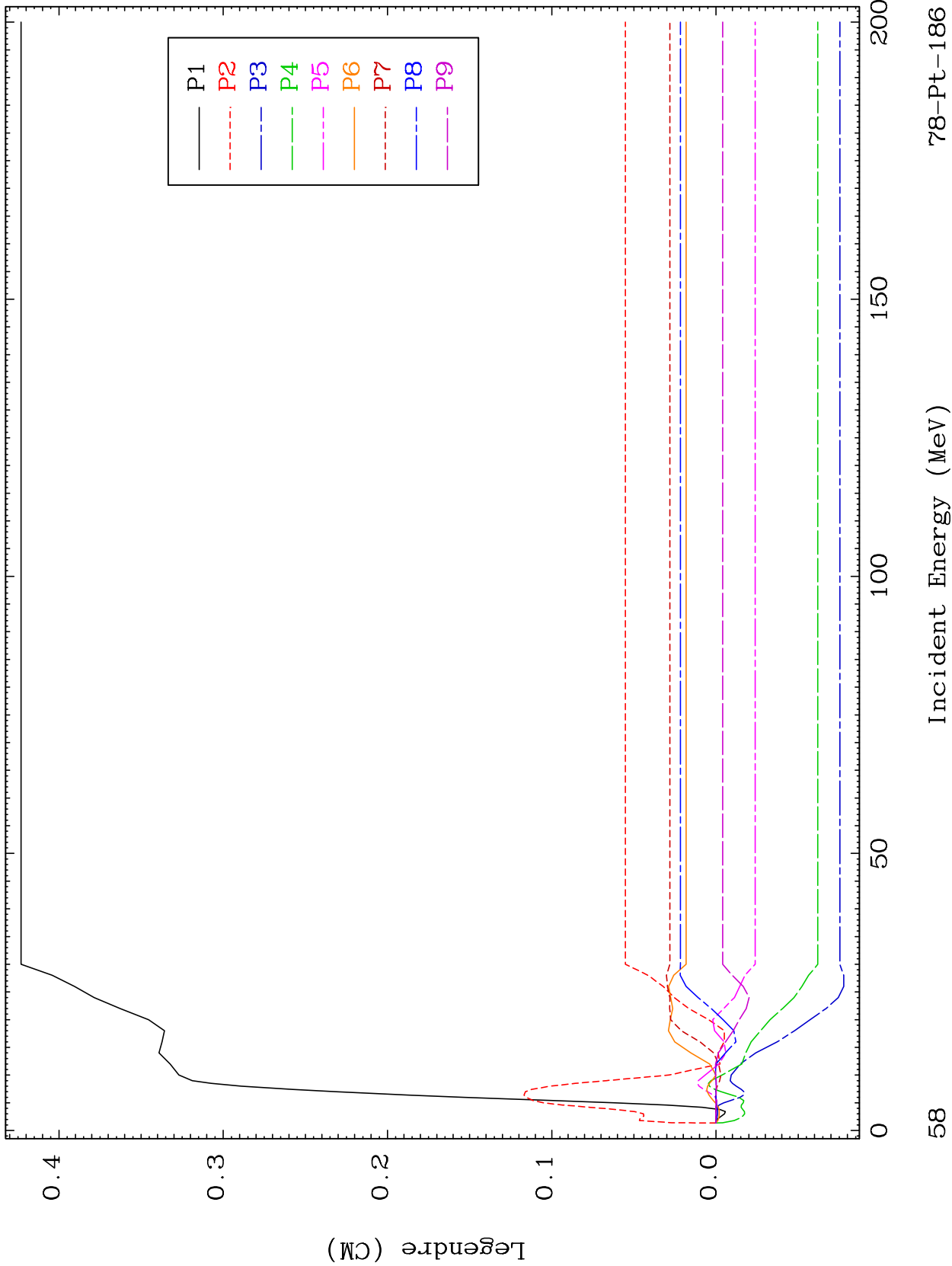
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



78-Pt-186

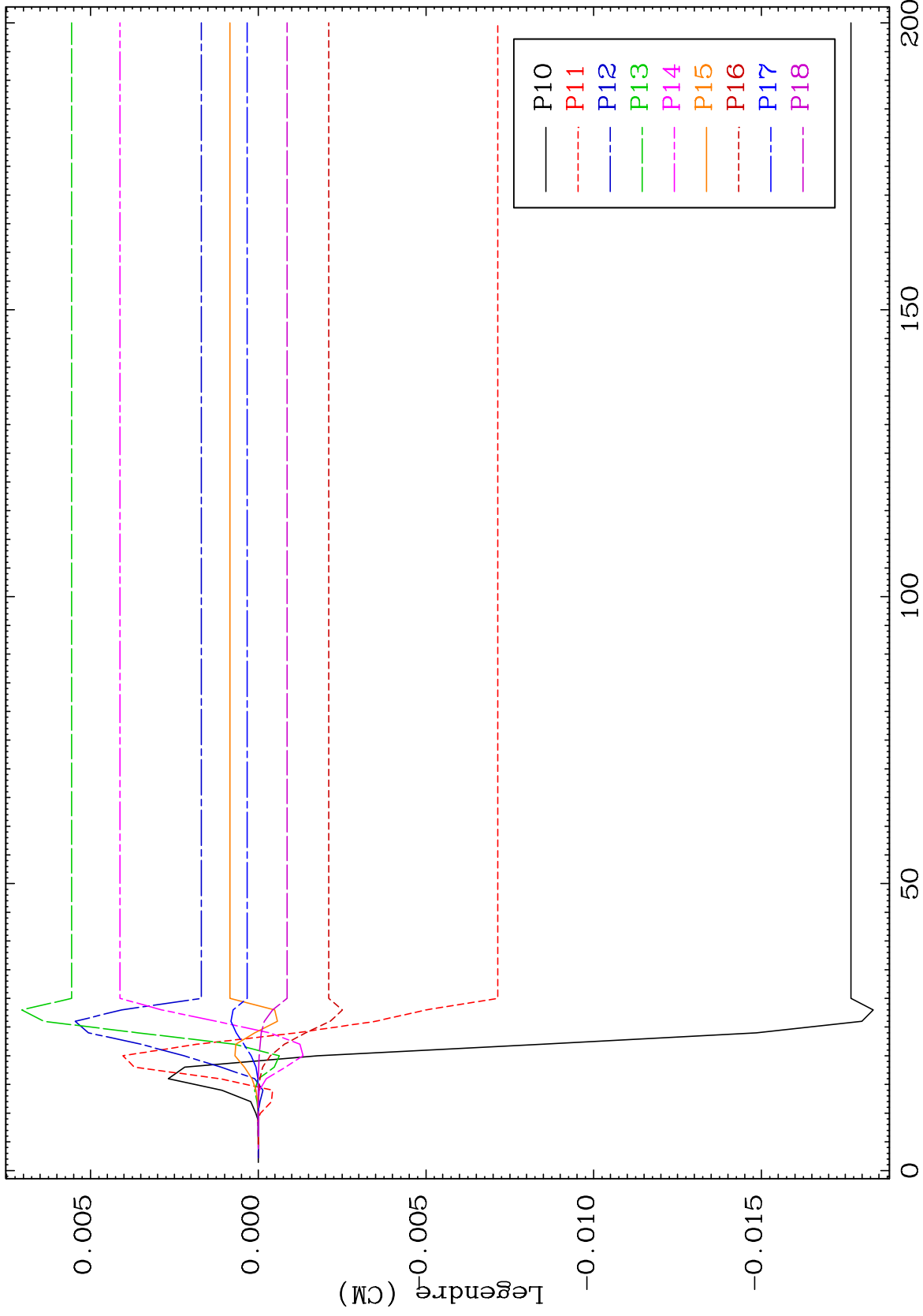
Incident Energy (MeV)

58

MAT 7813

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

78-Pt-186



59

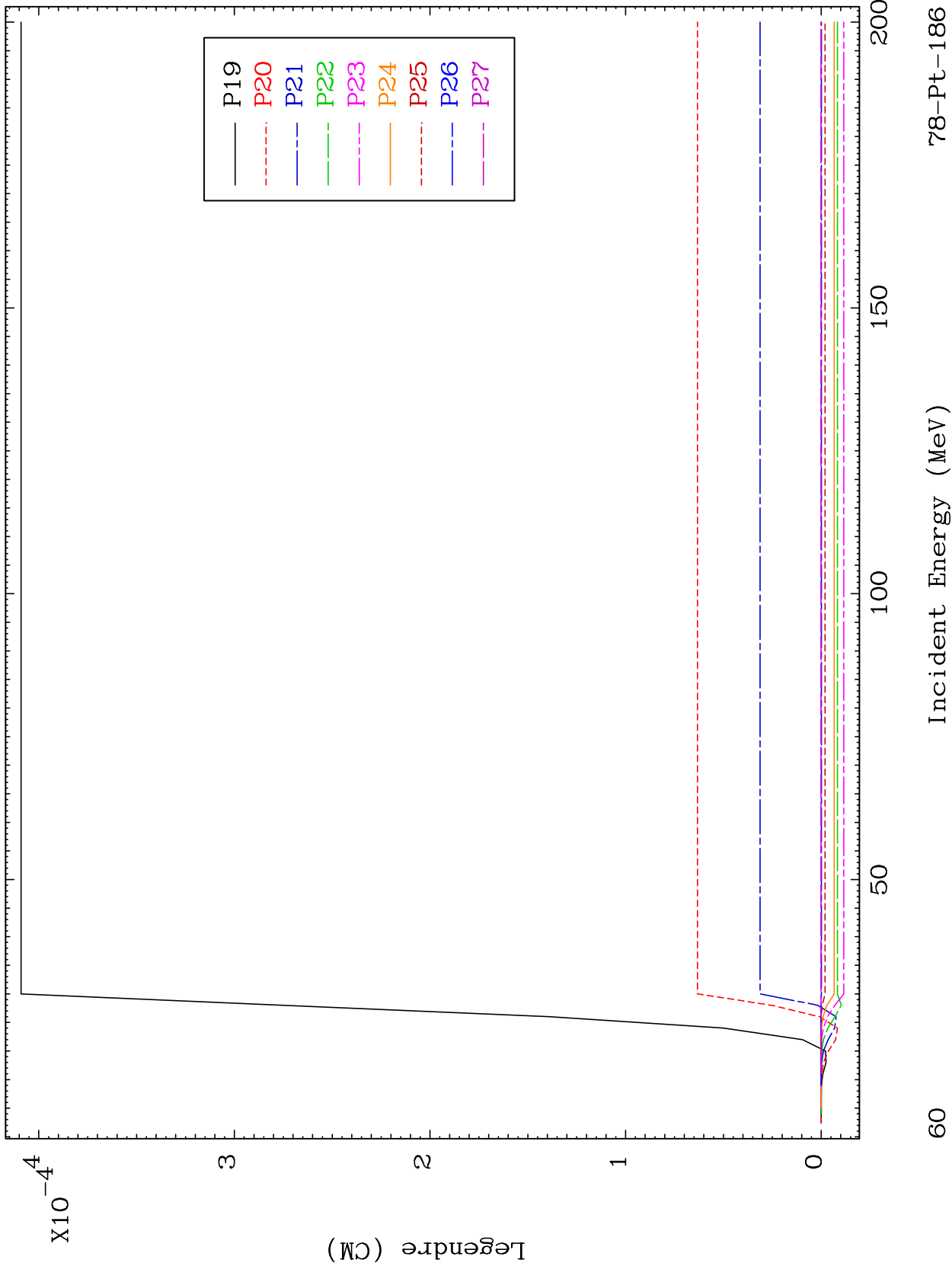
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



60

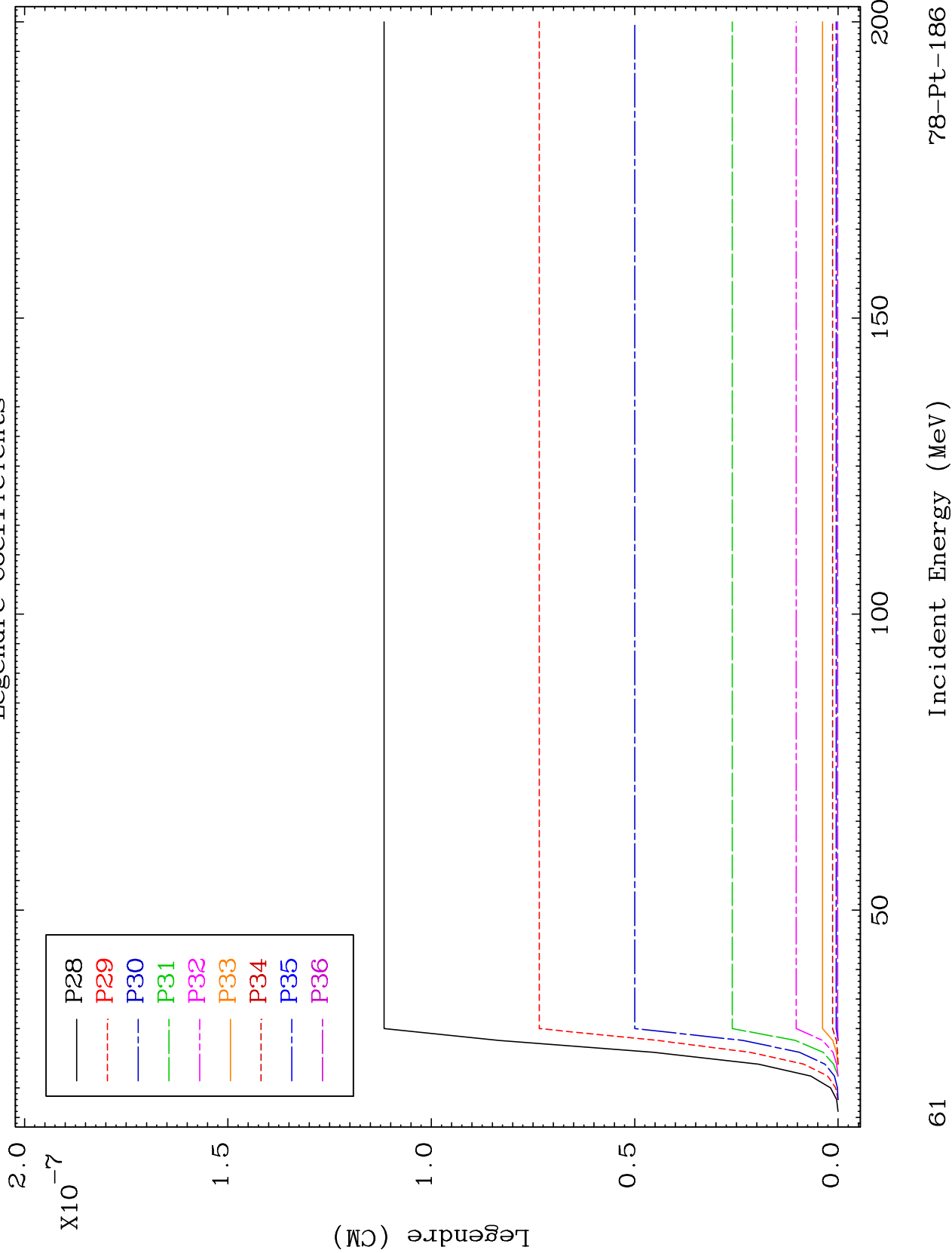
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



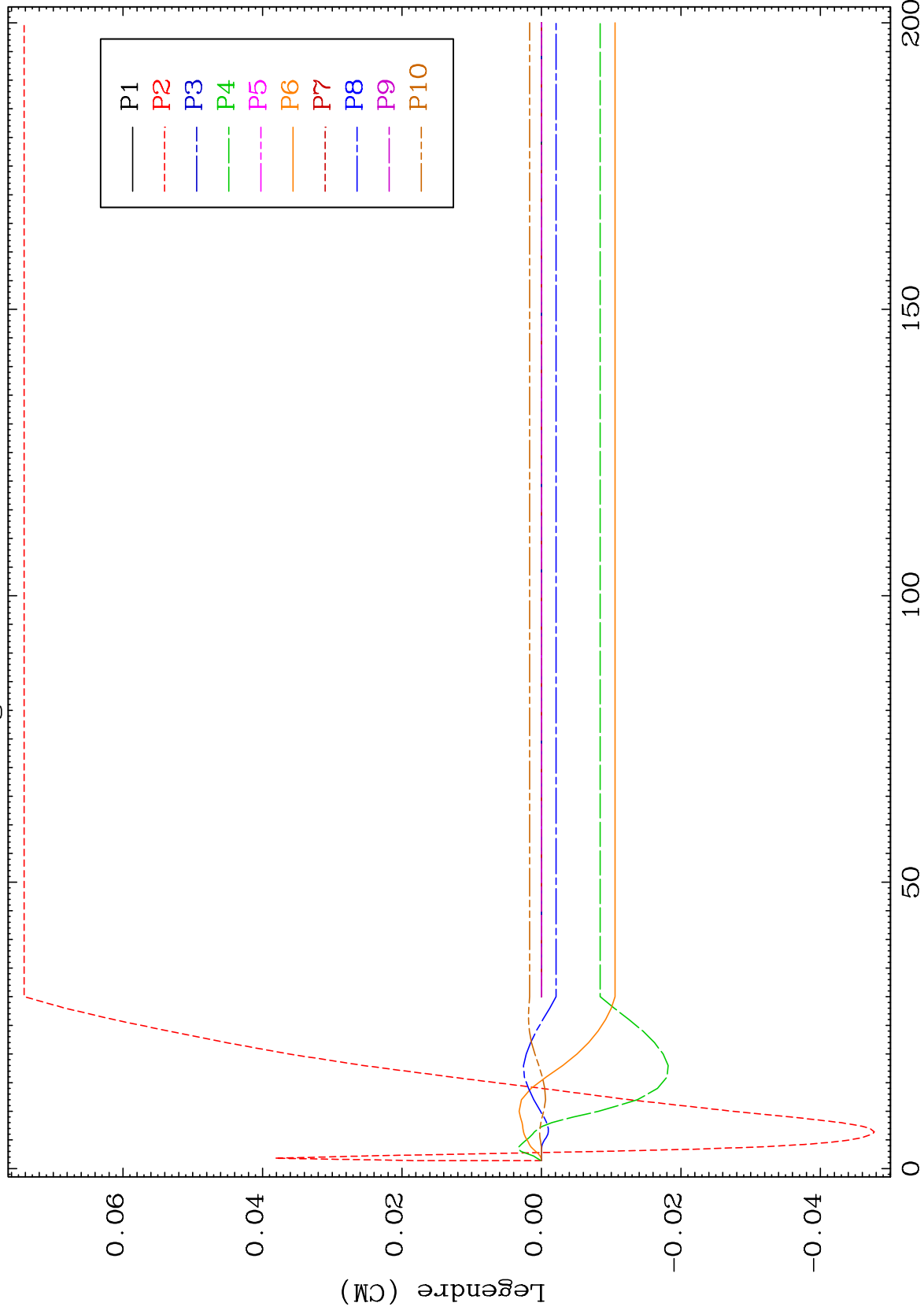
61

78-Pt-186

MAT 7813

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

78-Pt-186



78-Pt-186

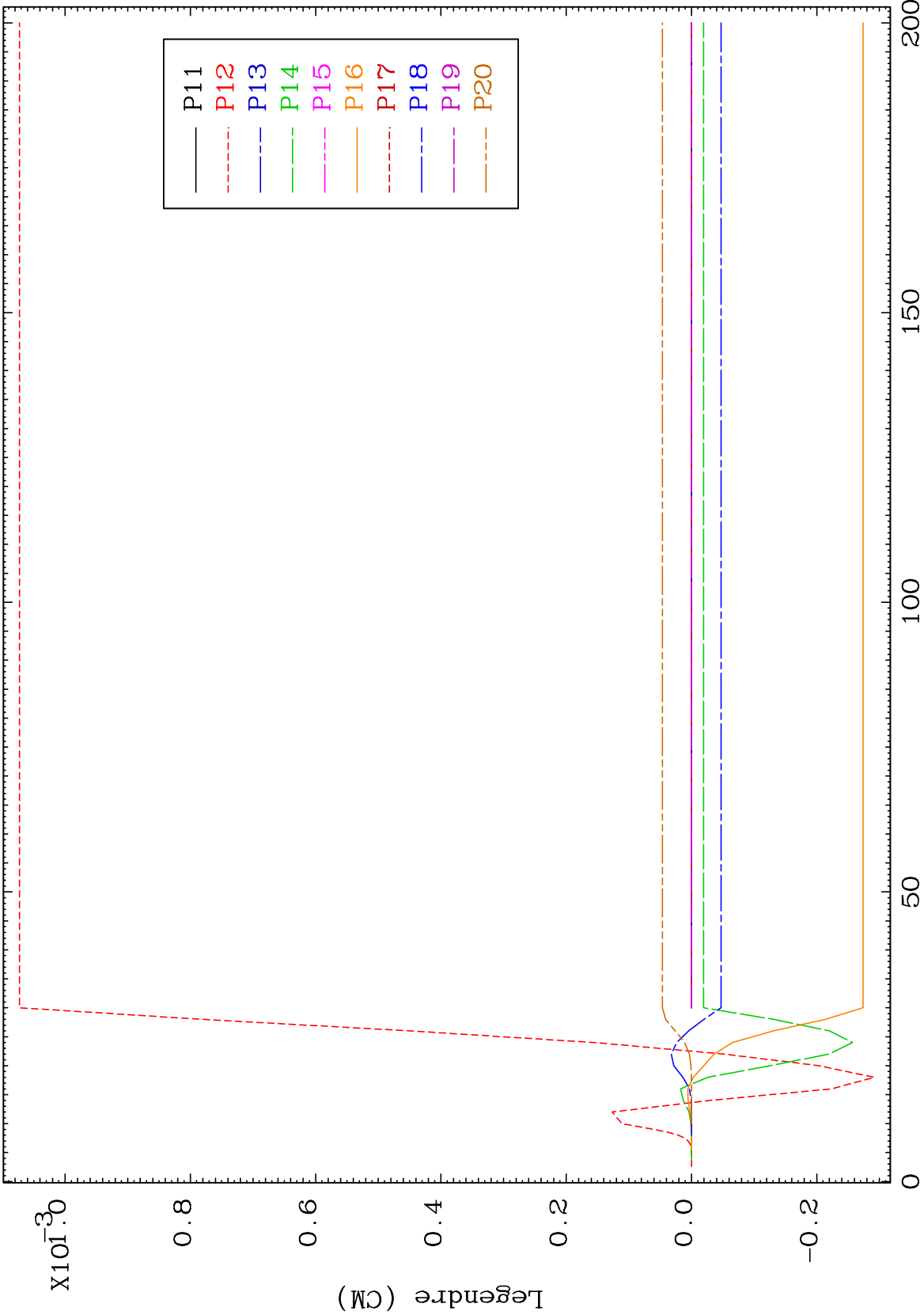
Incident Energy (MeV)

62

MAT 7813

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

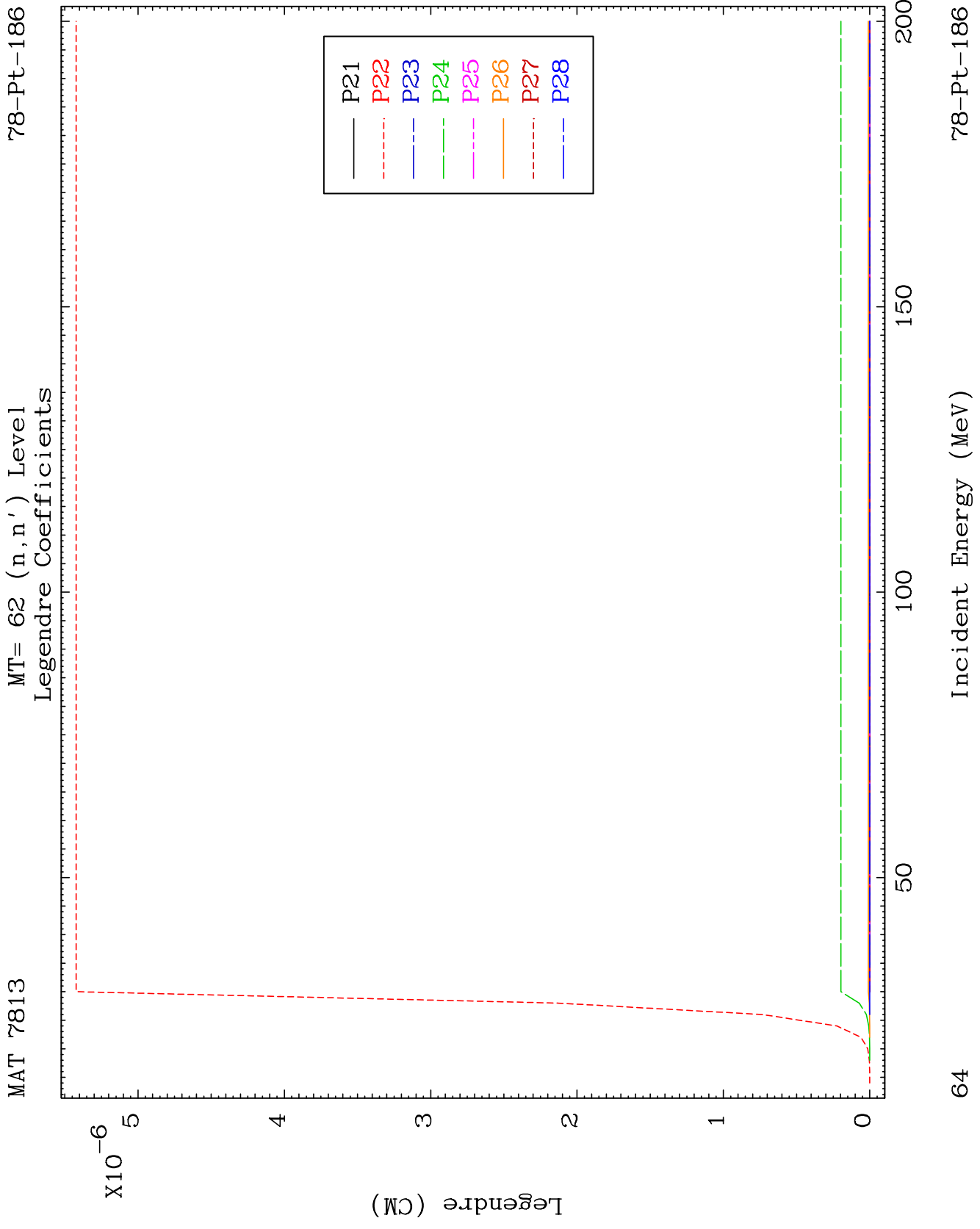
78-Pt-186



63

Incident Energy (MeV)

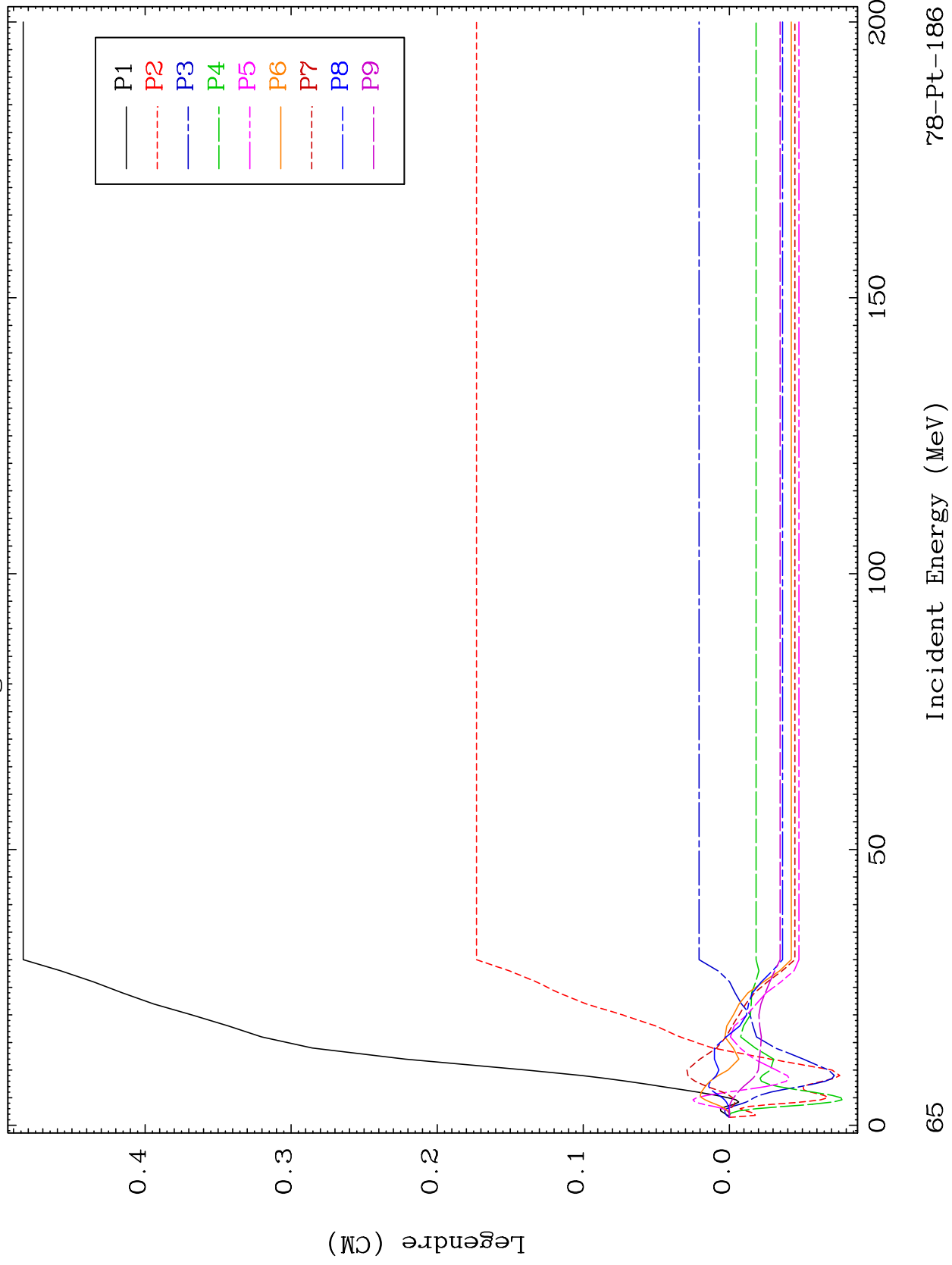
78-Pt-186



MAT 7813

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

78-Pt-186



78-Pt-186

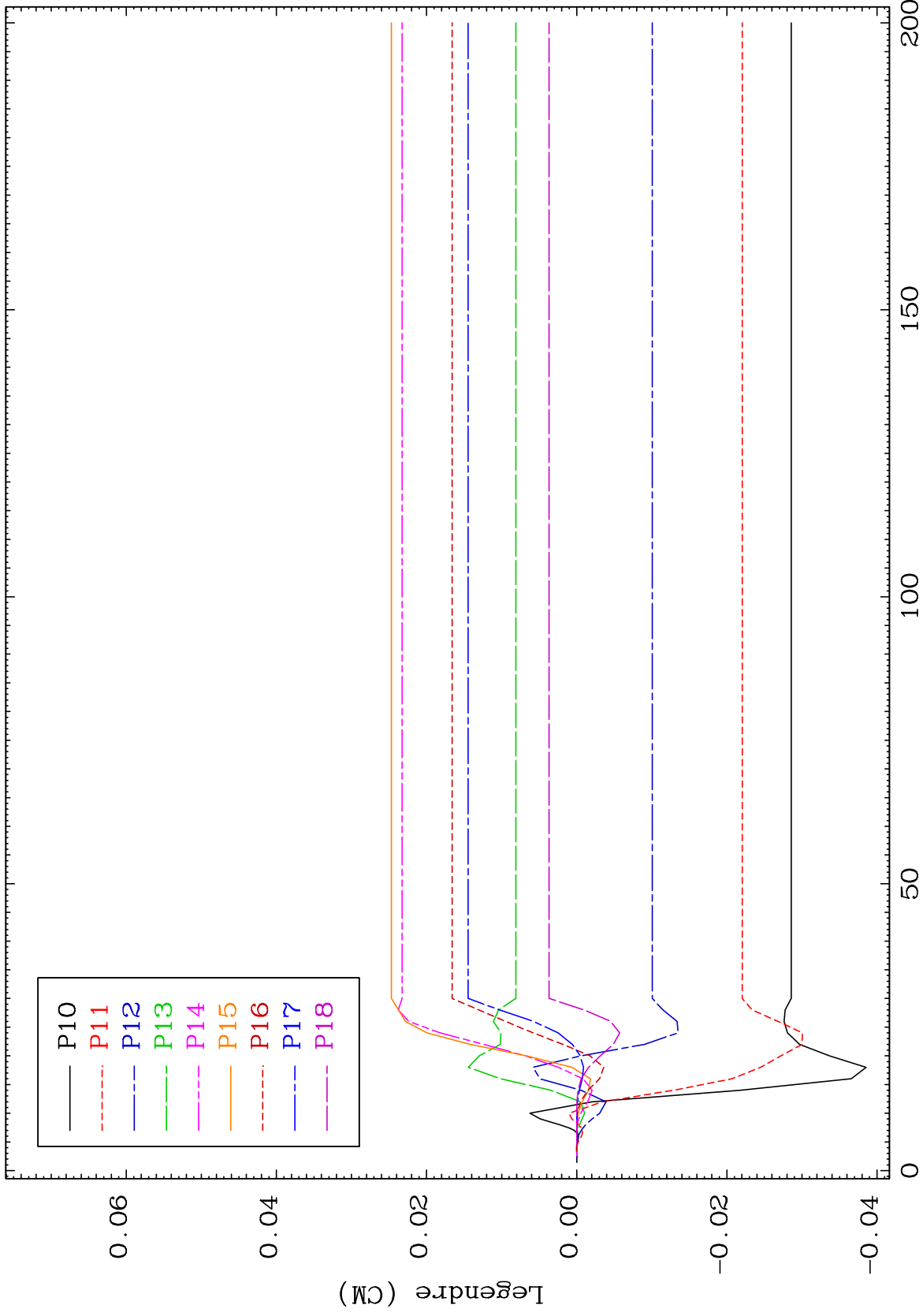
Incident Energy (MeV)

65

MAT 7813

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

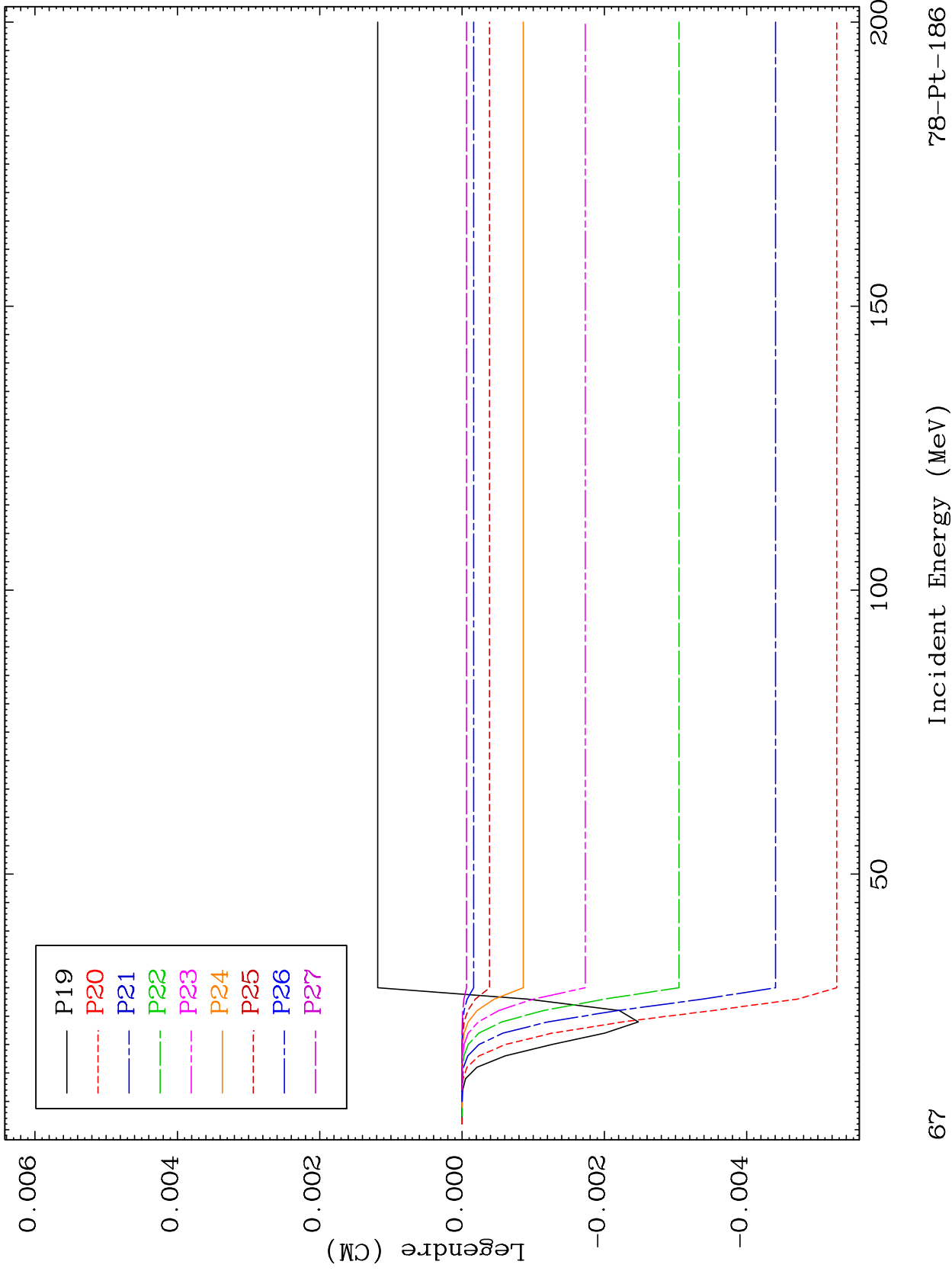
78-Pt-186

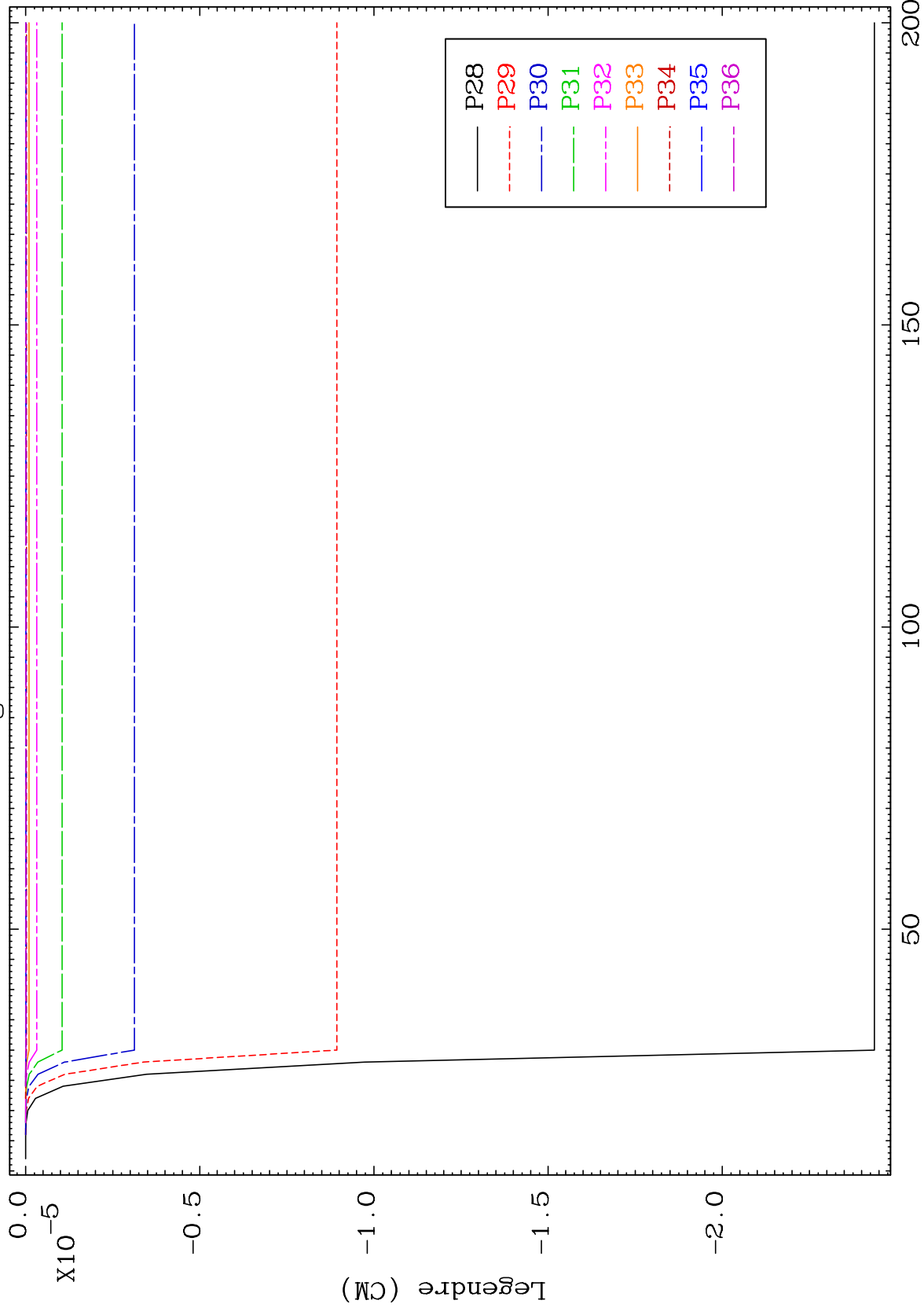


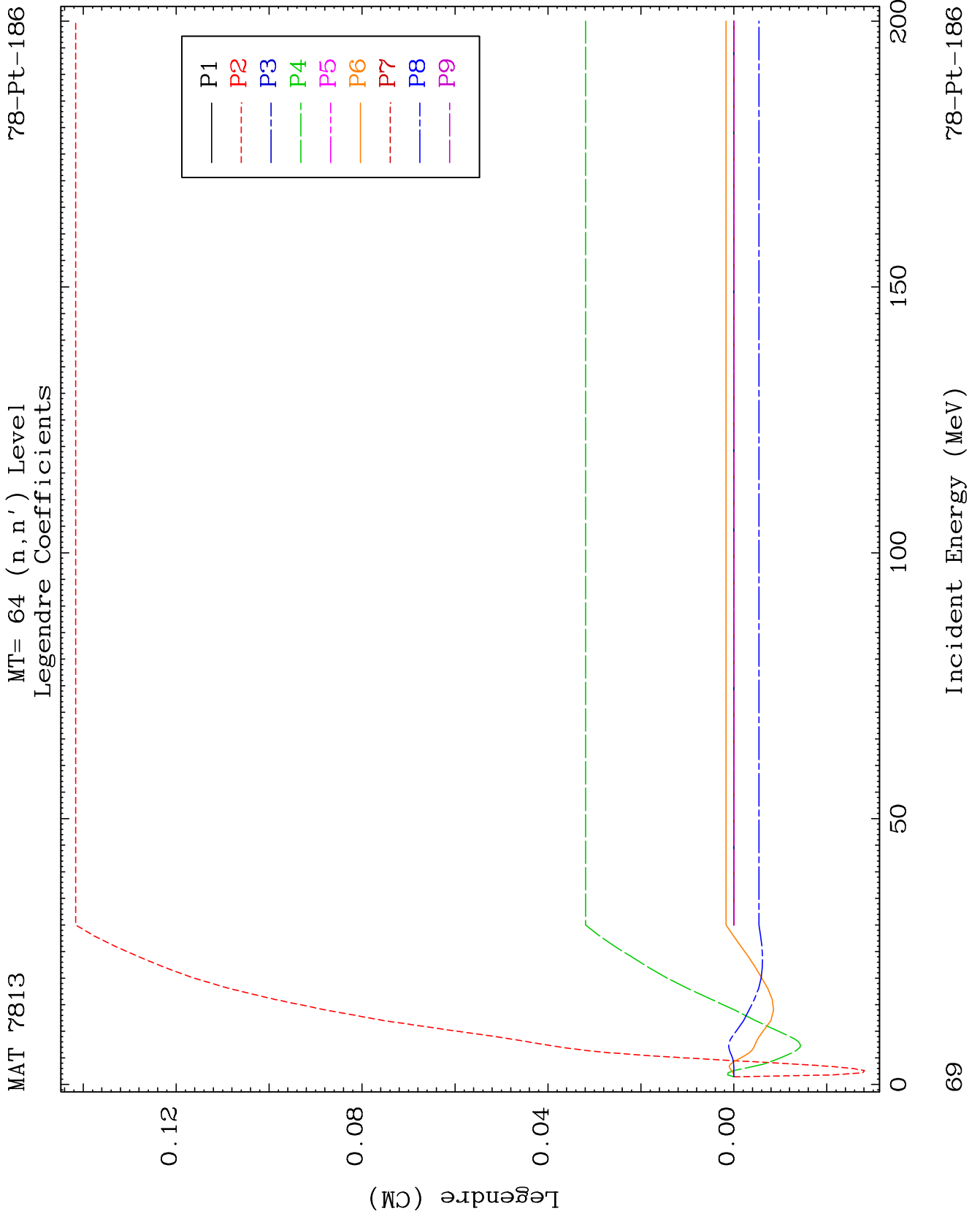
66

Incident Energy (MeV)

78-Pt-186



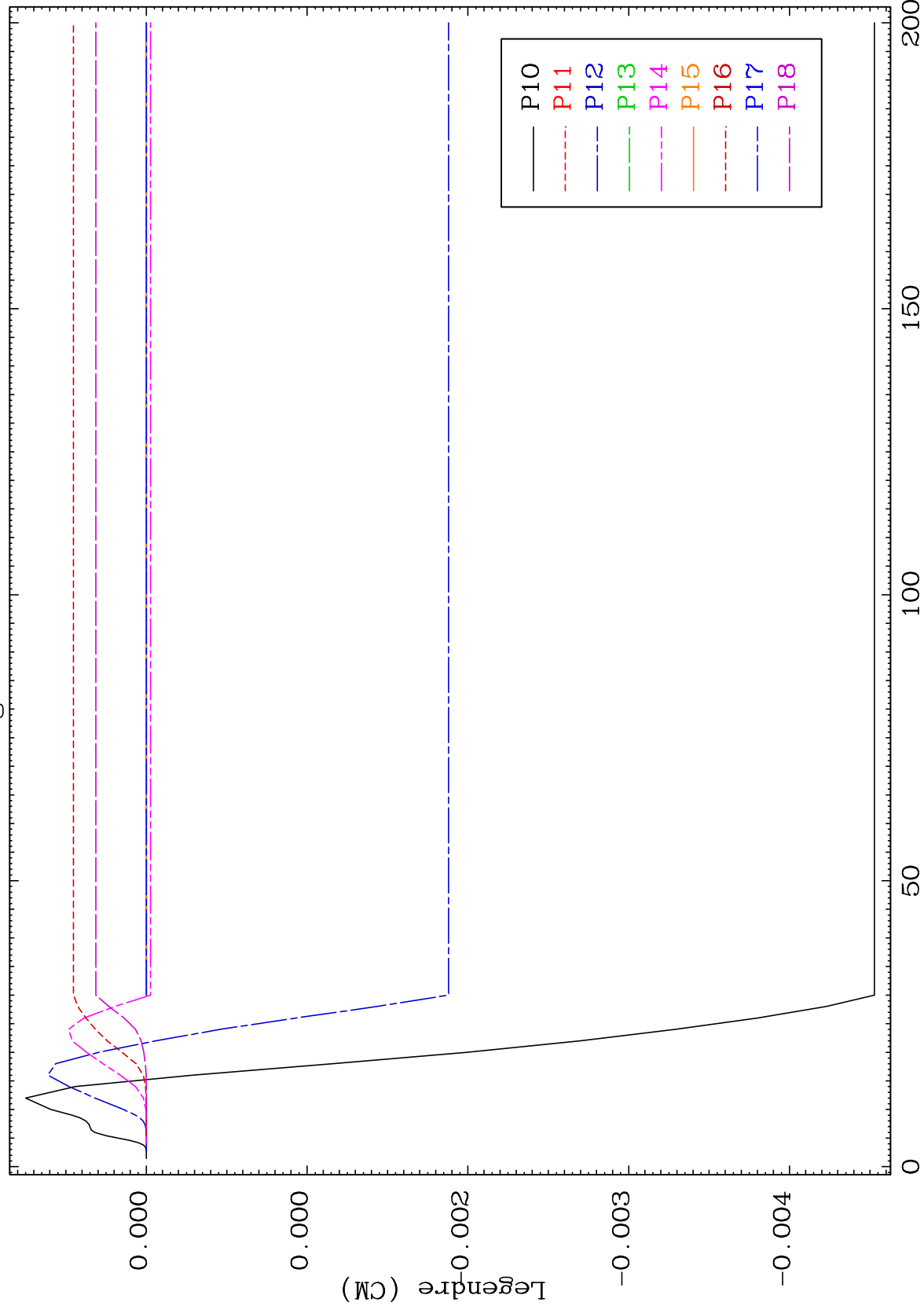




MAT 7813

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

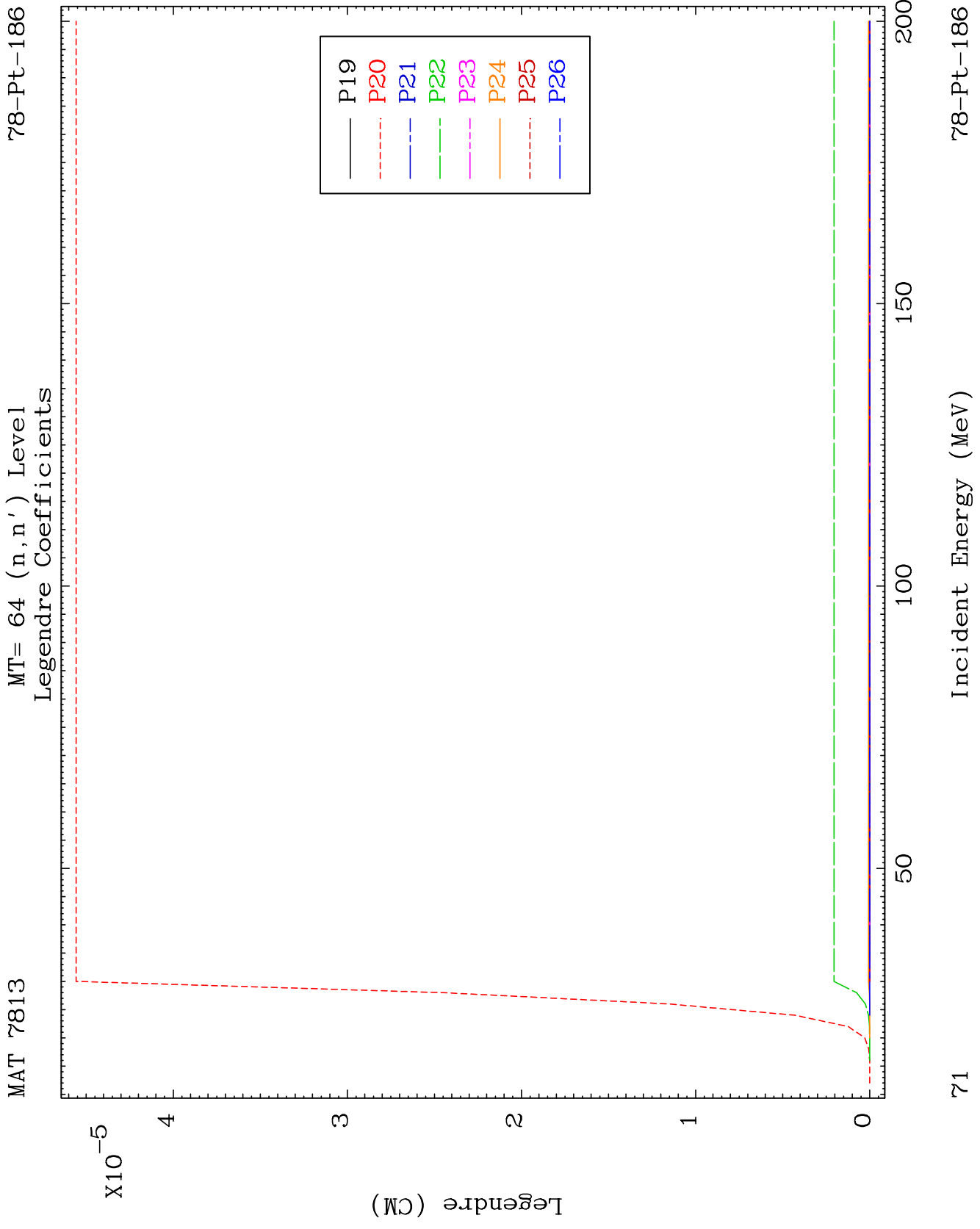
78-Pt-186



70

Incident Energy (MeV)

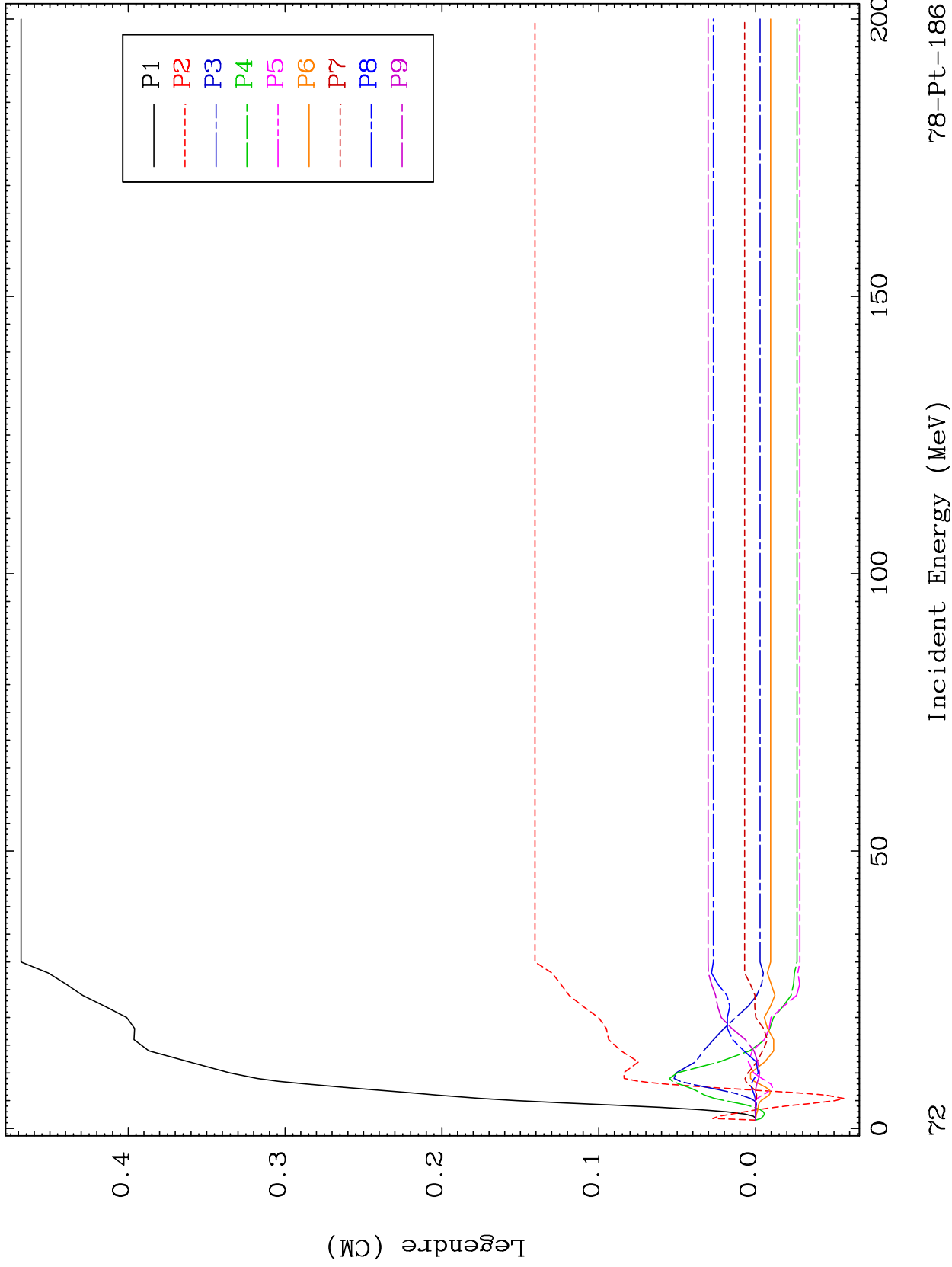
78-Pt-186



MAT 7813

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

78-Pt-186



78-Pt-186

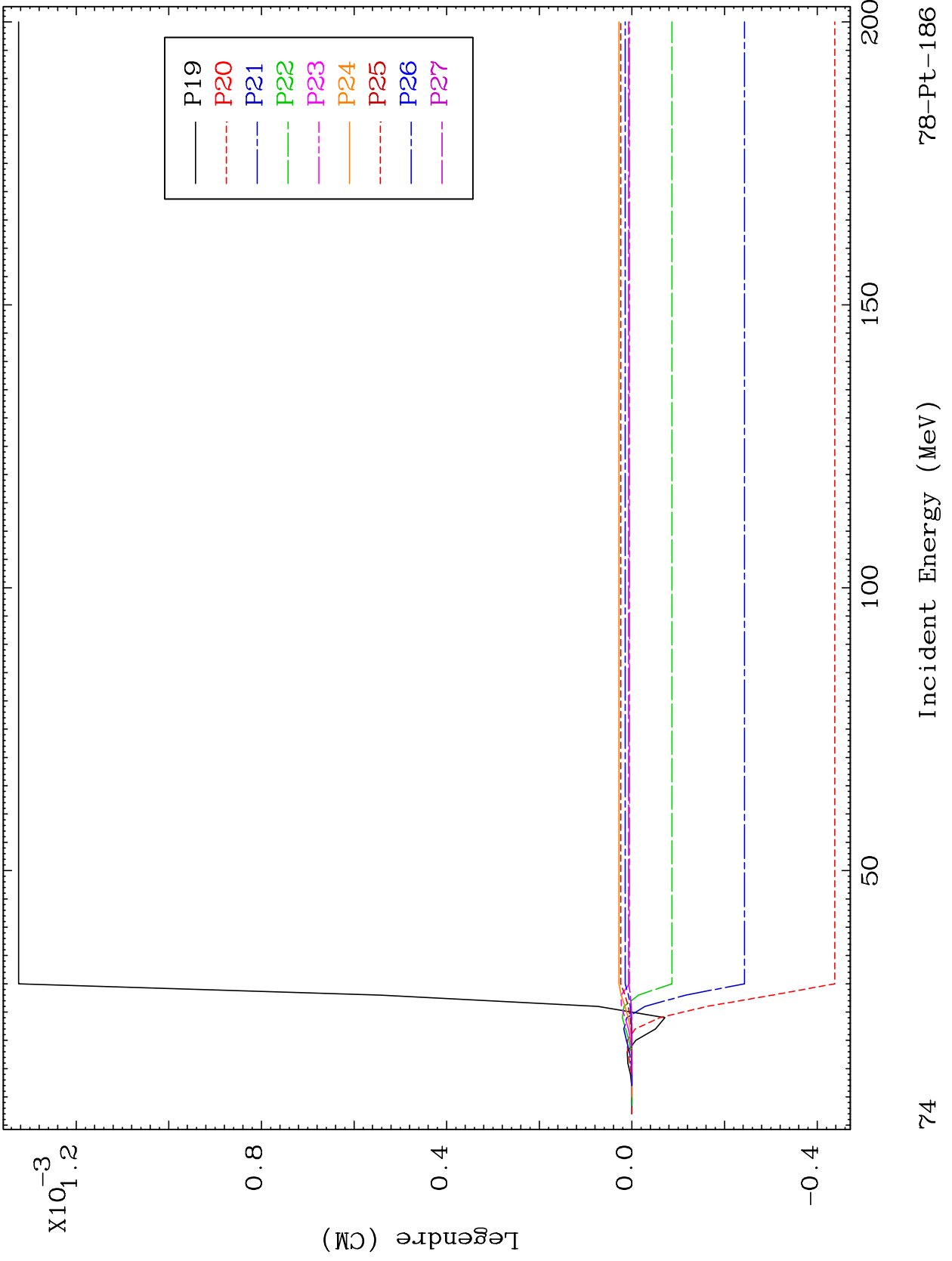
Incident Energy (MeV)

72

MAT 7813

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

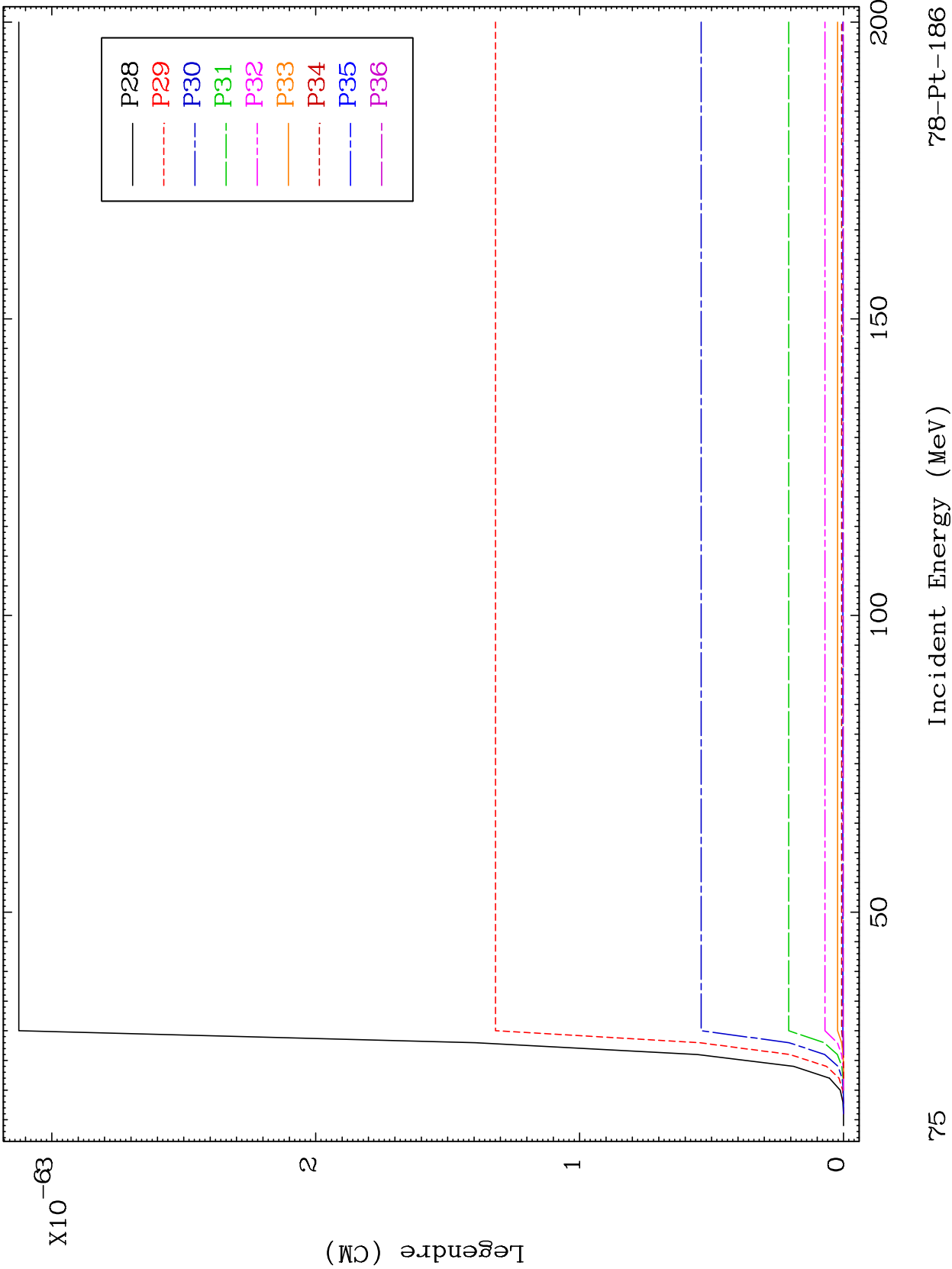
78-Pt-186



MAT 7813

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

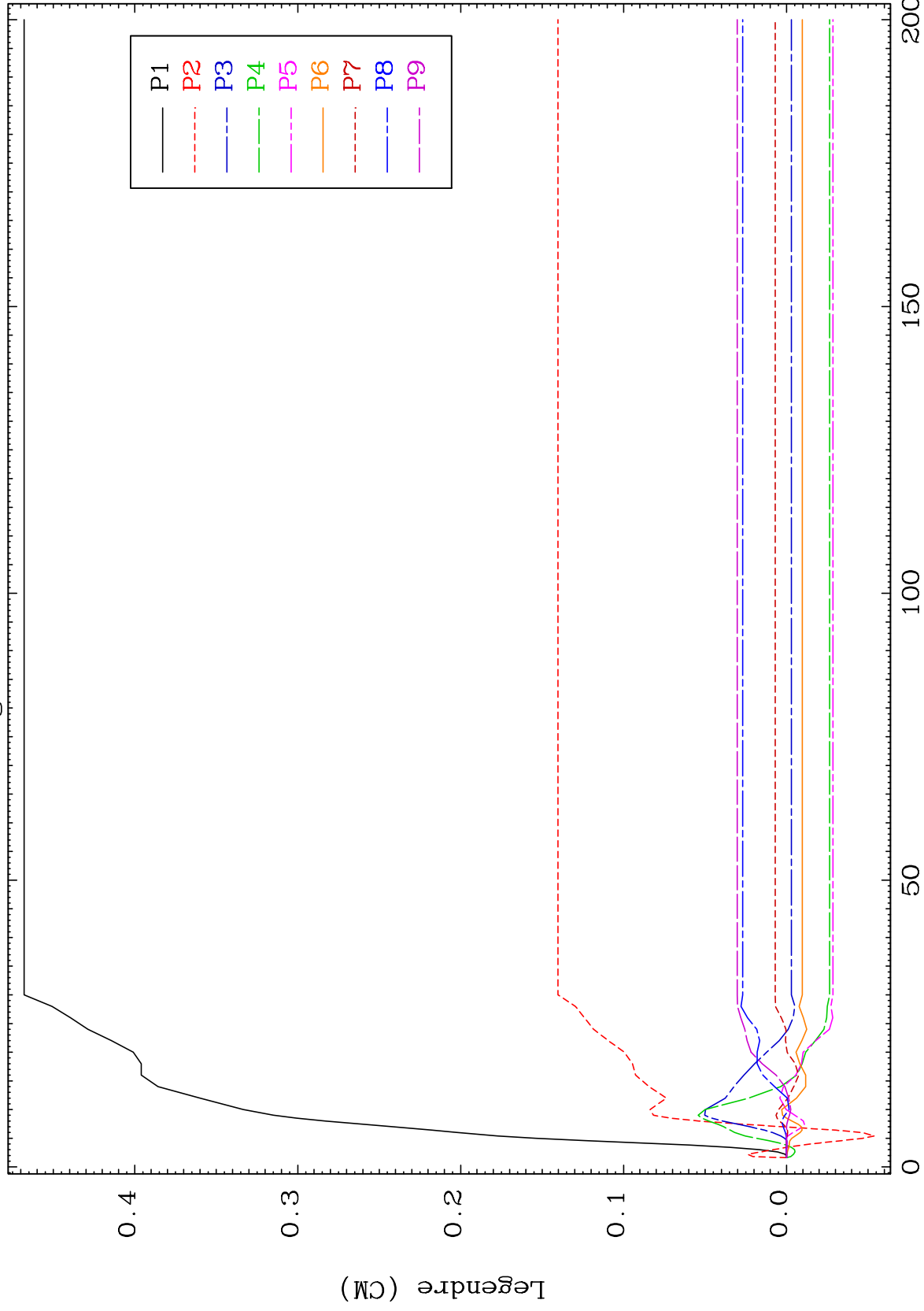
78-Pt-186



MAT 7813

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

78-Pt-186



76

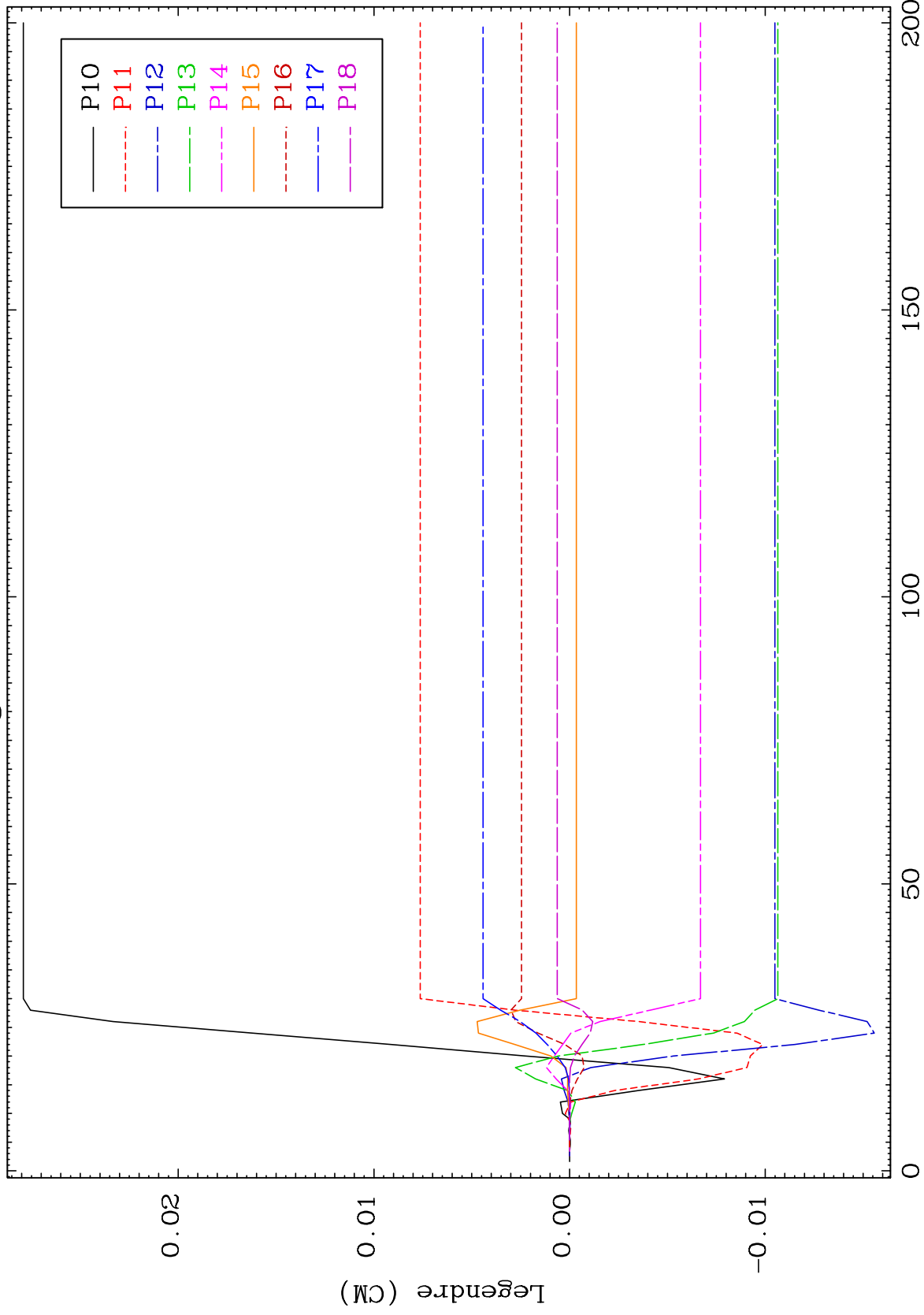
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



77

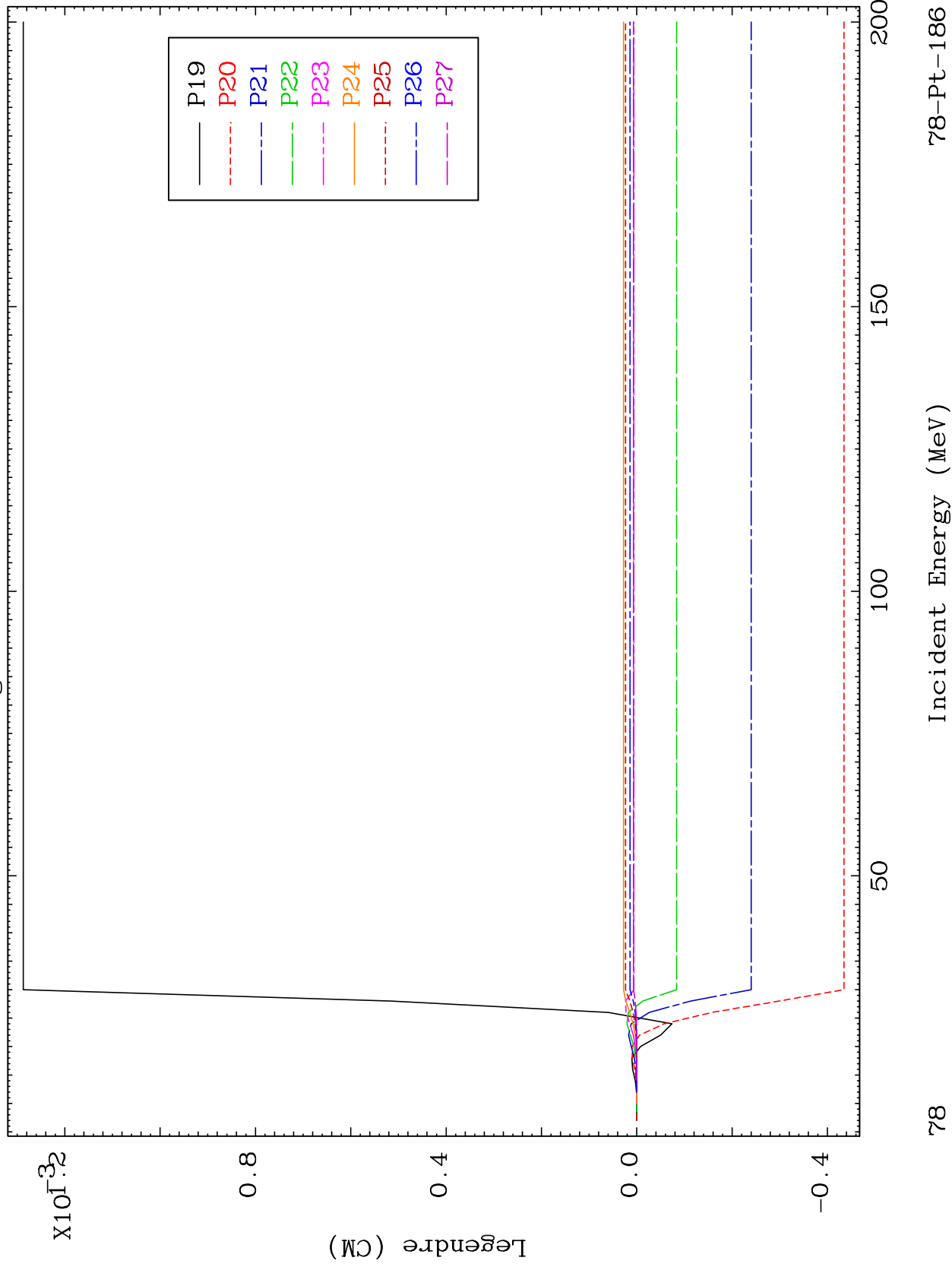
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

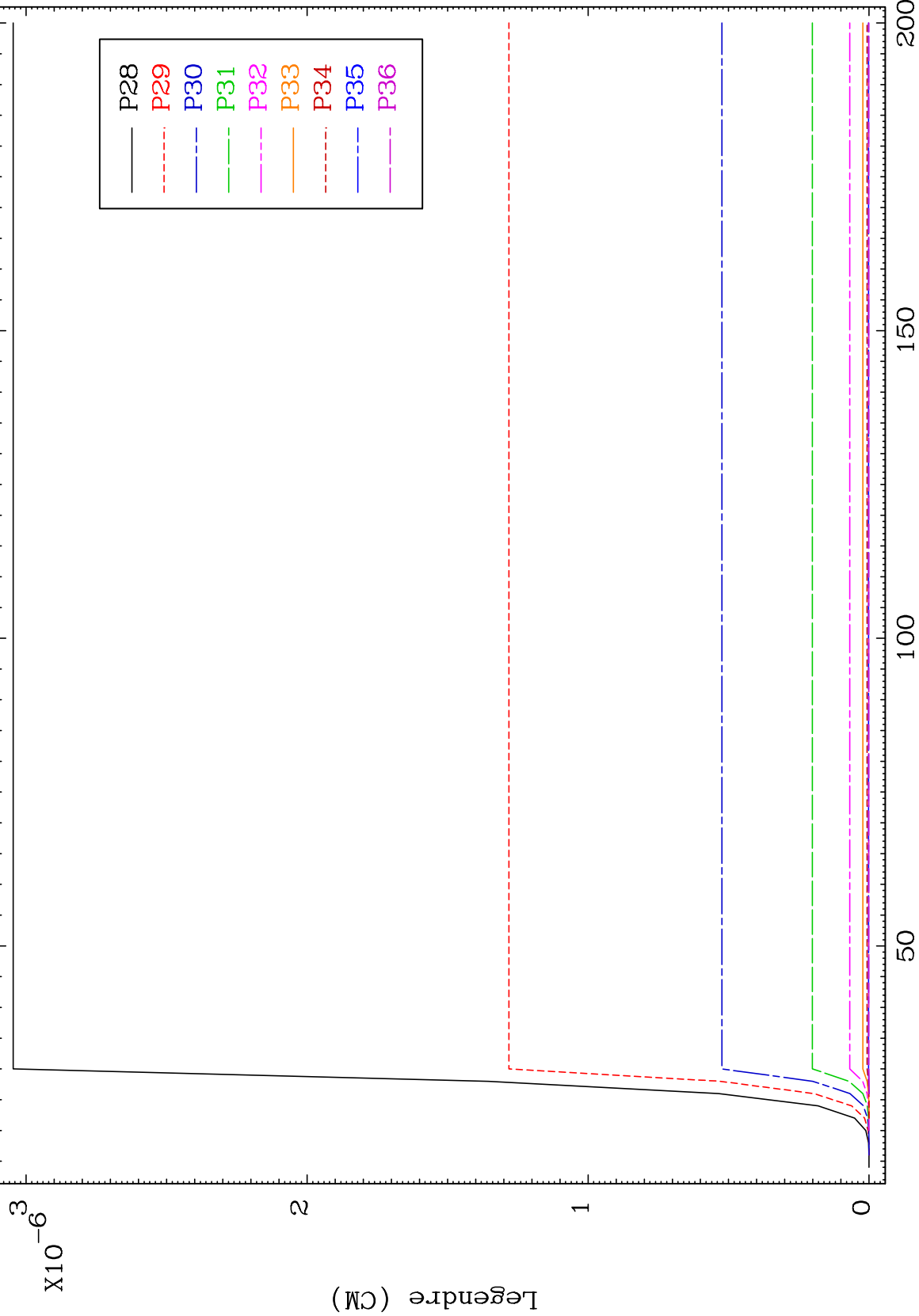
78-Pt-186



MAT 7813

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

78-Pt-186



79

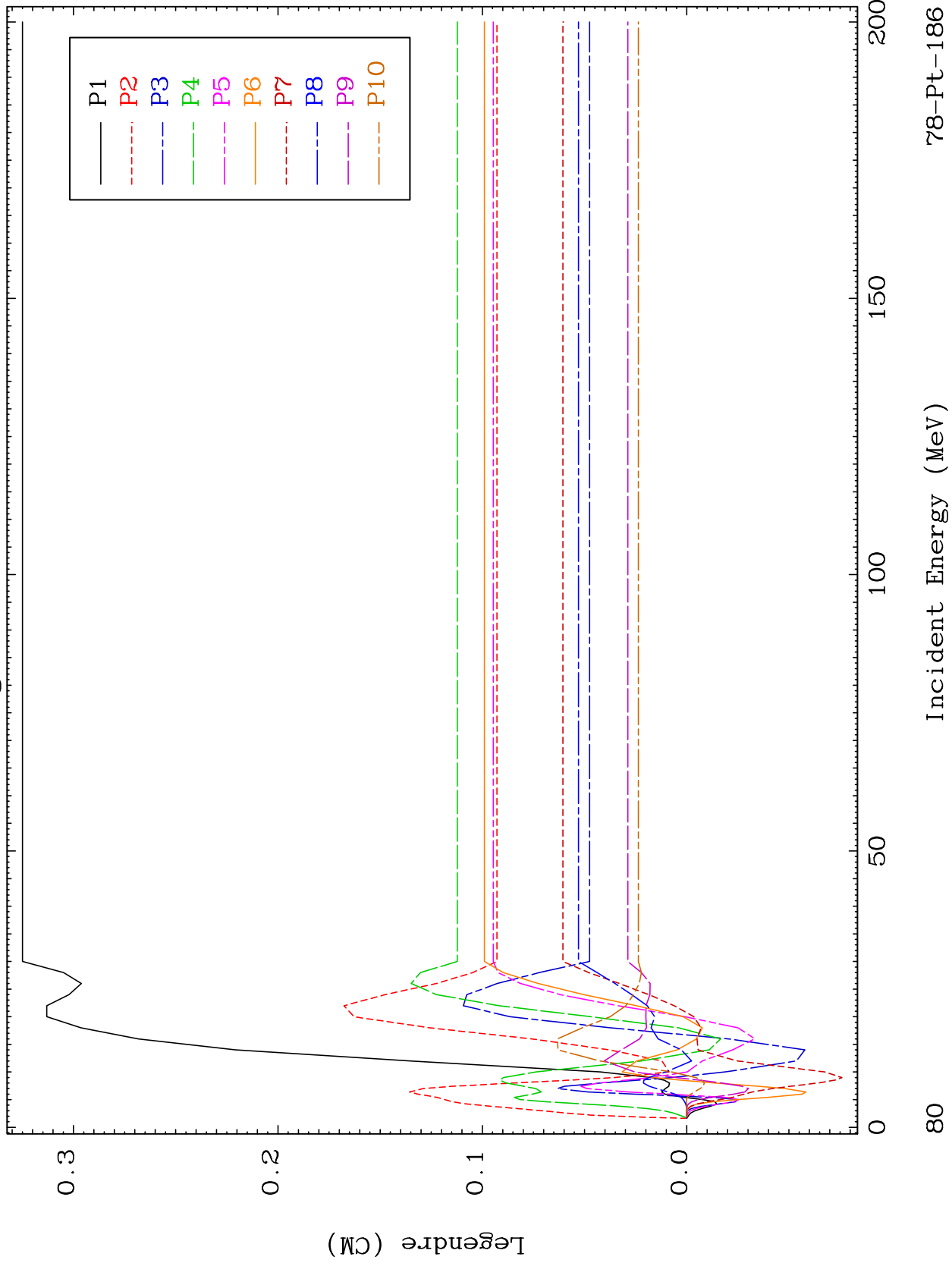
Incident Energy (MeV)

78-Pt-186

MAT 7813

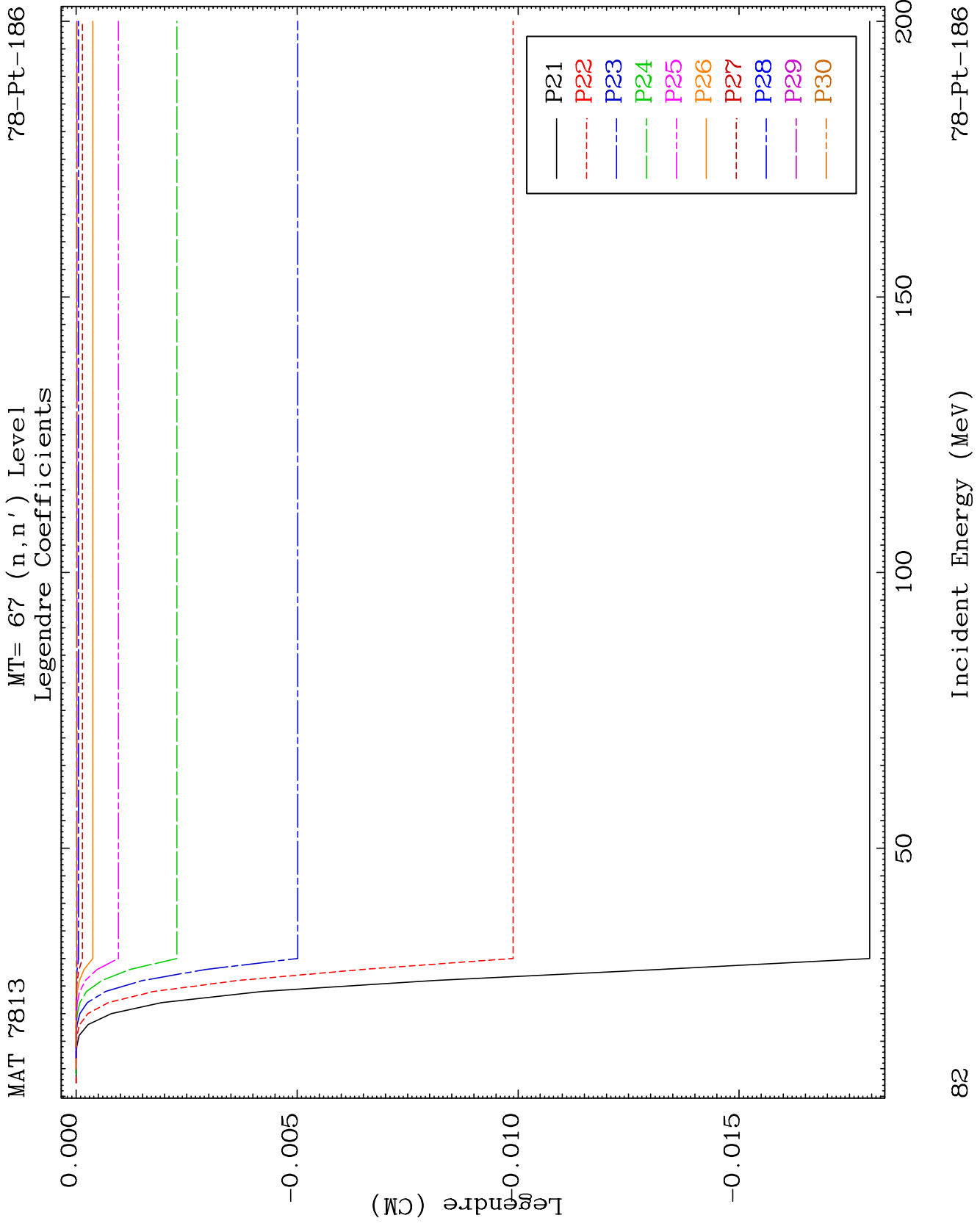
MT= 67 (n,n') Level
Legendre Coefficients

78-Pt-186



78-Pt-186

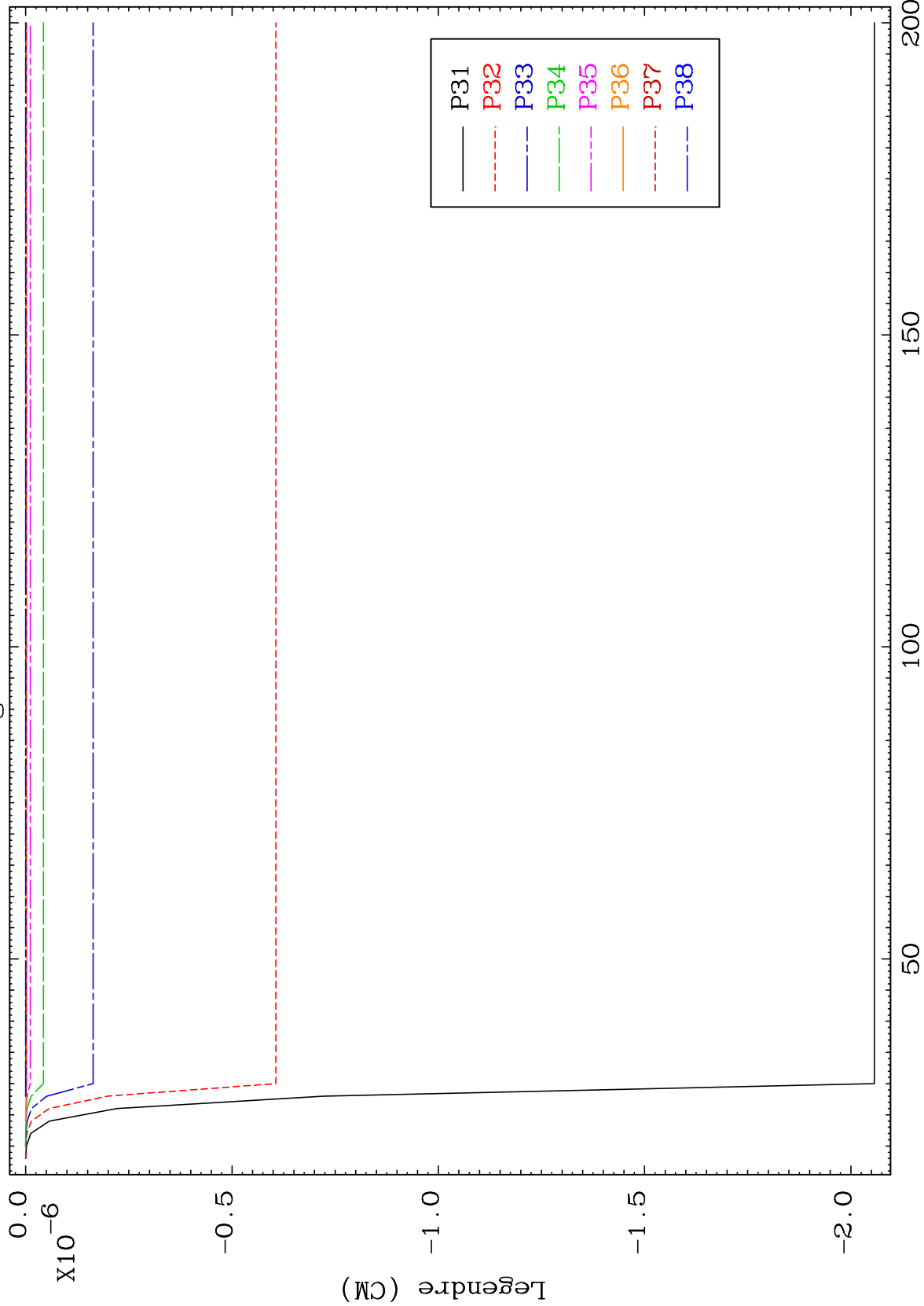
Incident Energy (MeV)



MAT 7813

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

78-Pt-186



83

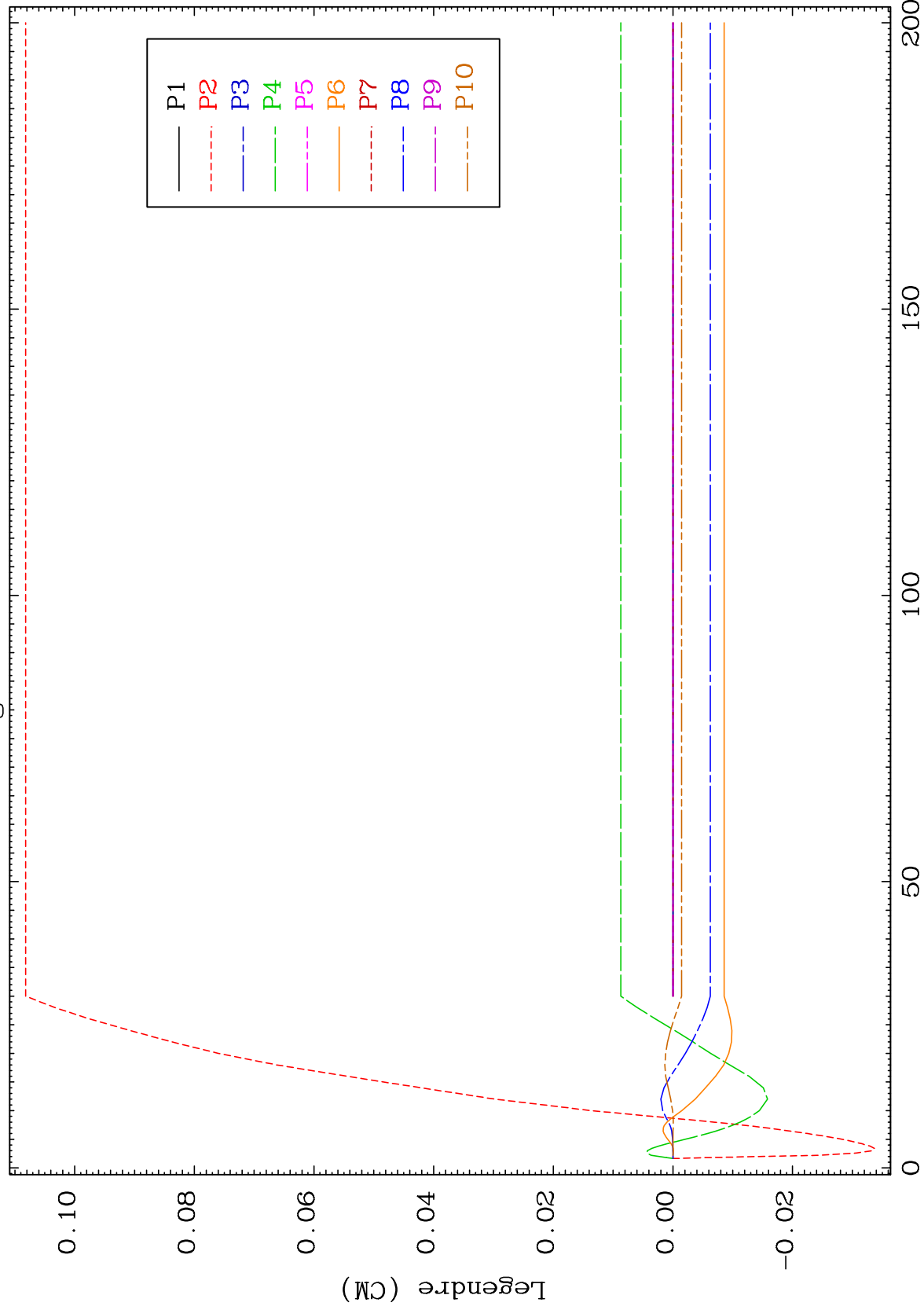
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



84

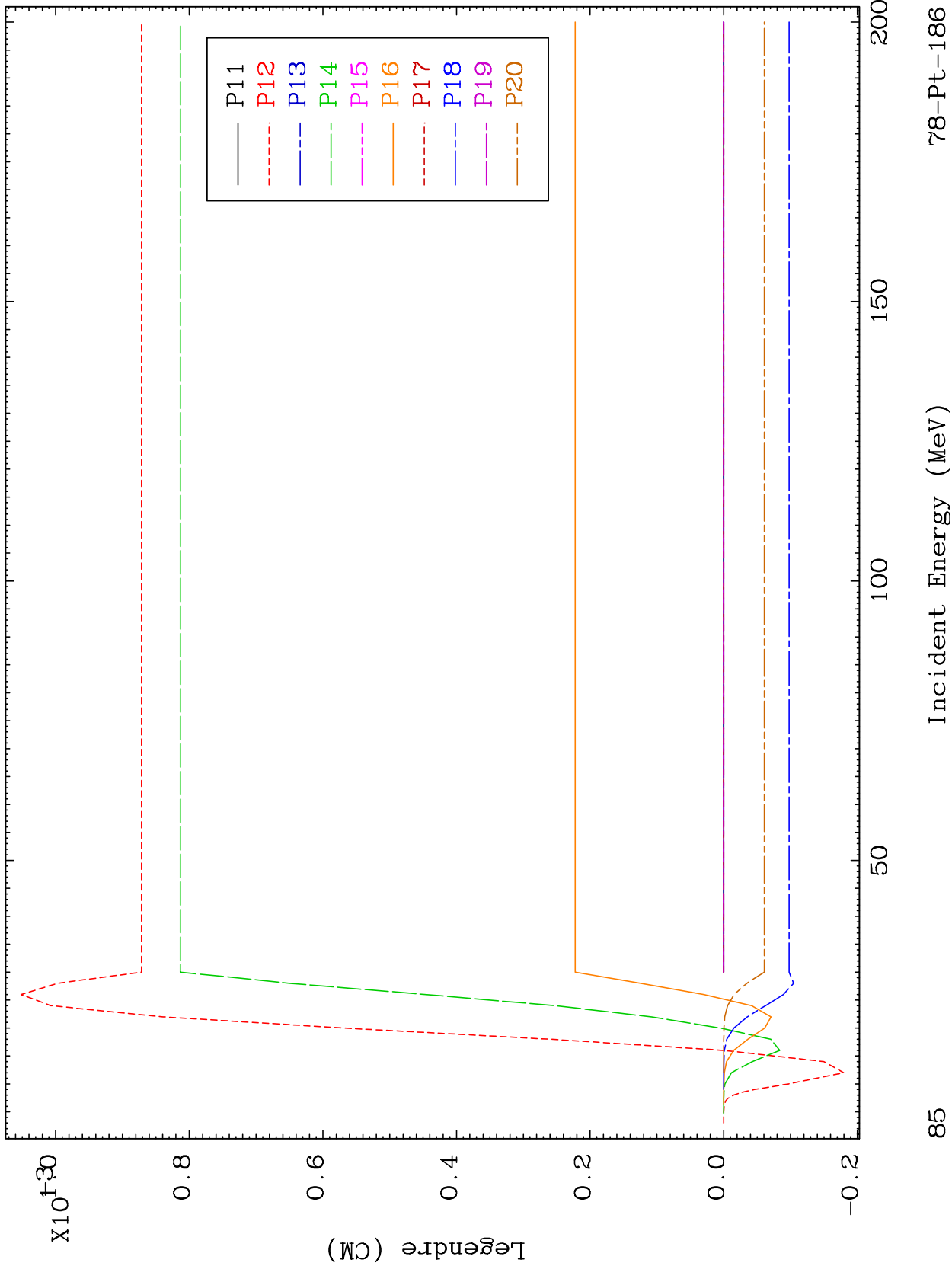
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

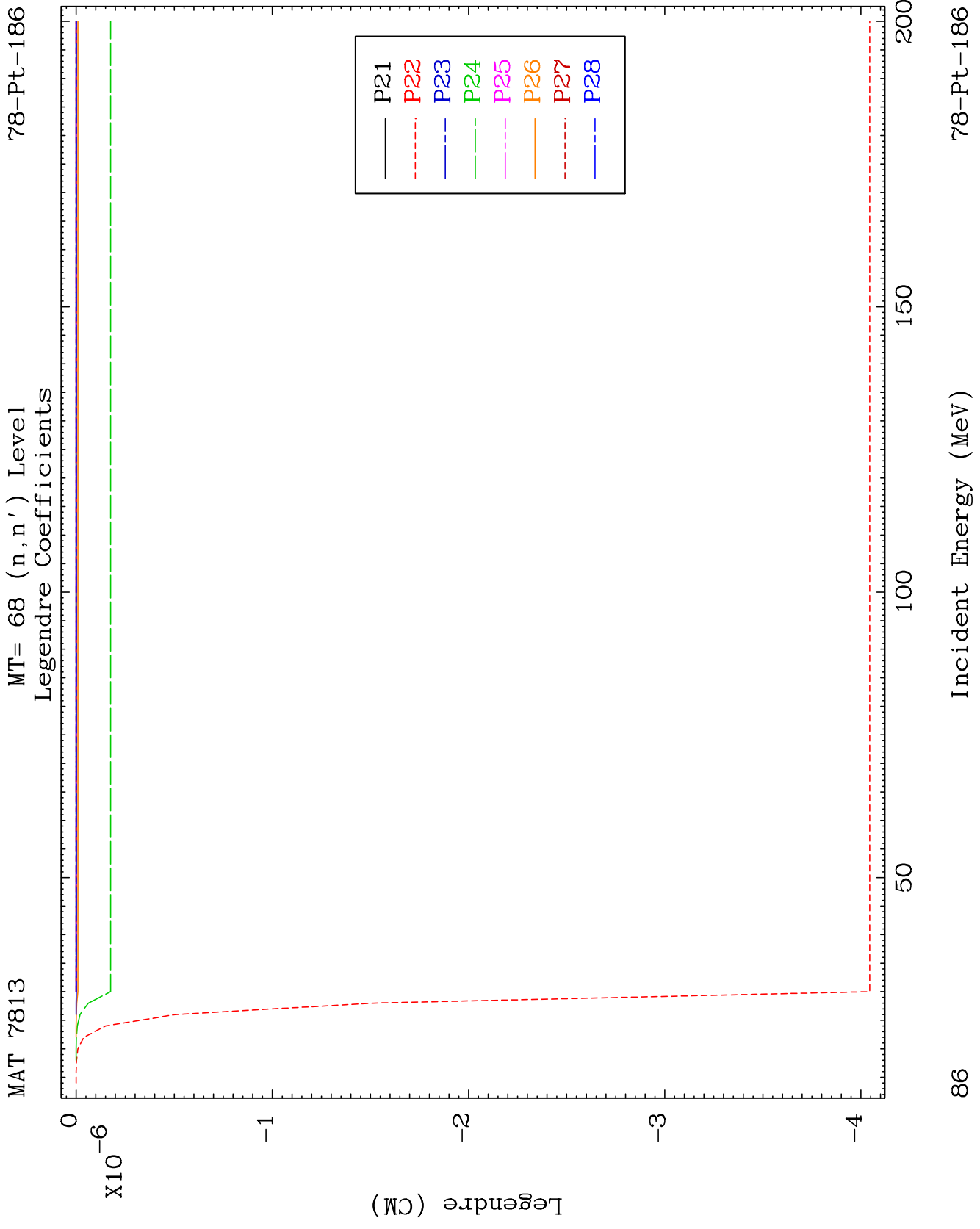
78-Pt-186



85

78-Pt-186

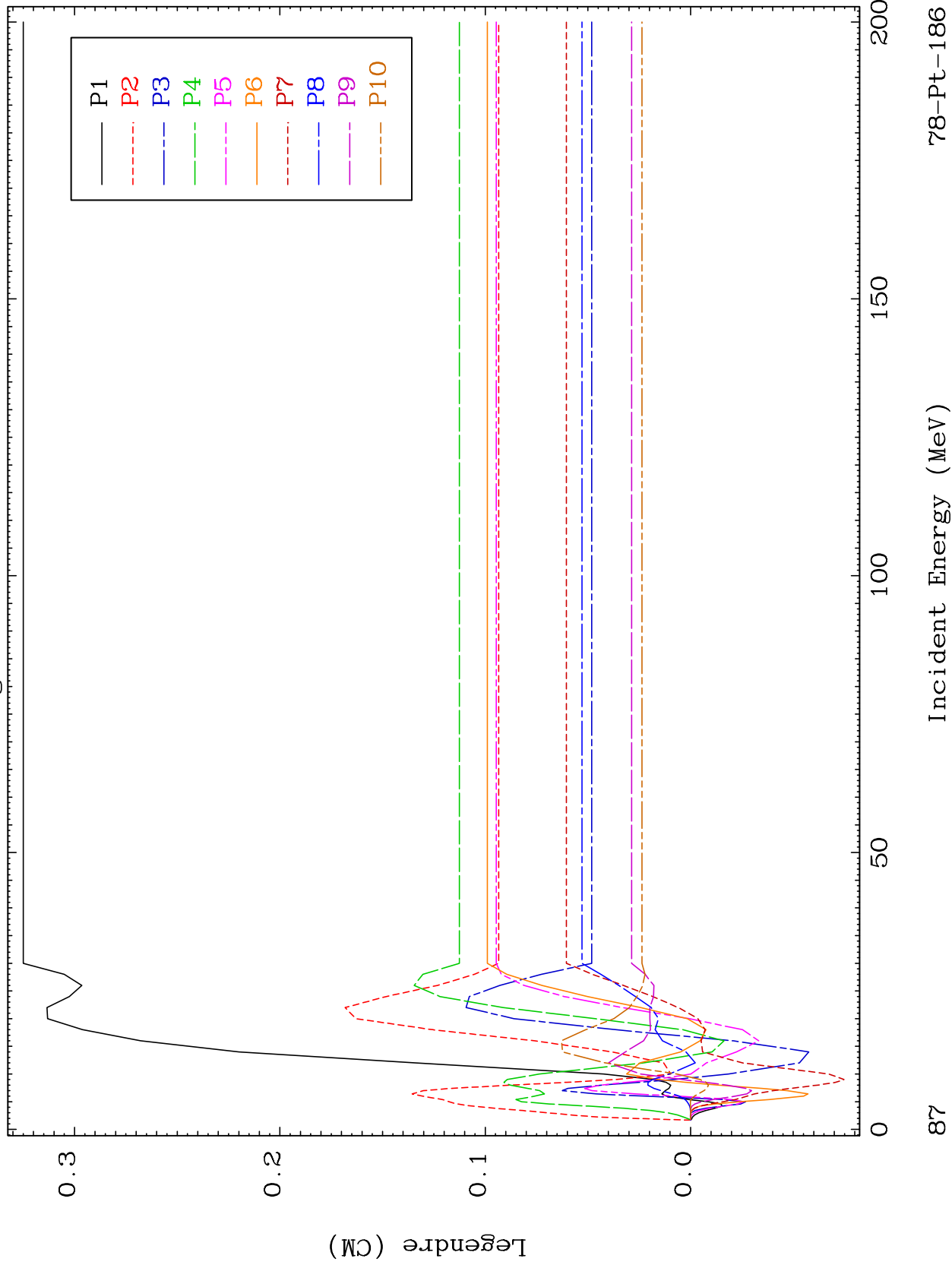
78-Pt-186



MAT 7813

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

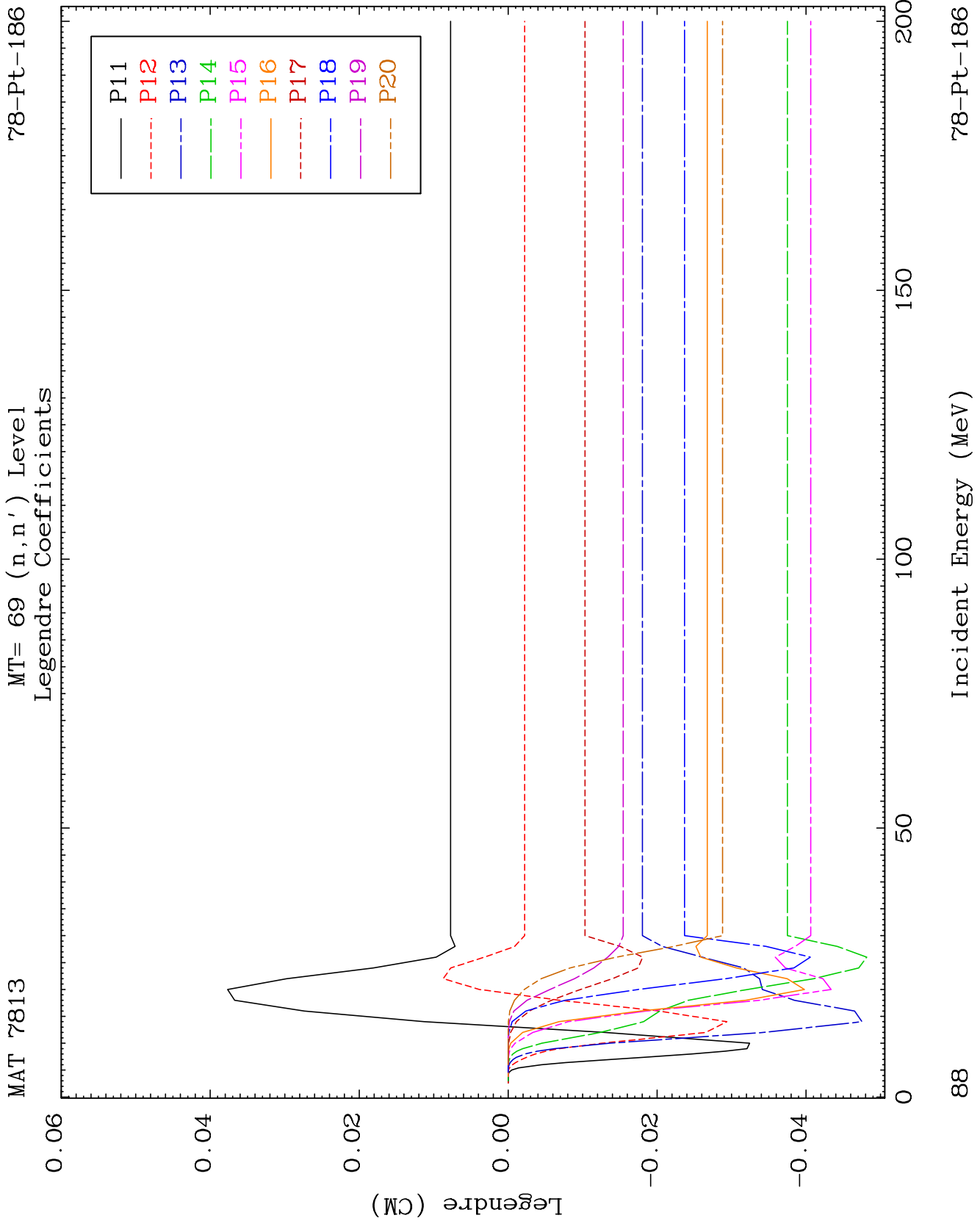
78-Pt-186



78-Pt-186

Incident Energy (MeV)

87

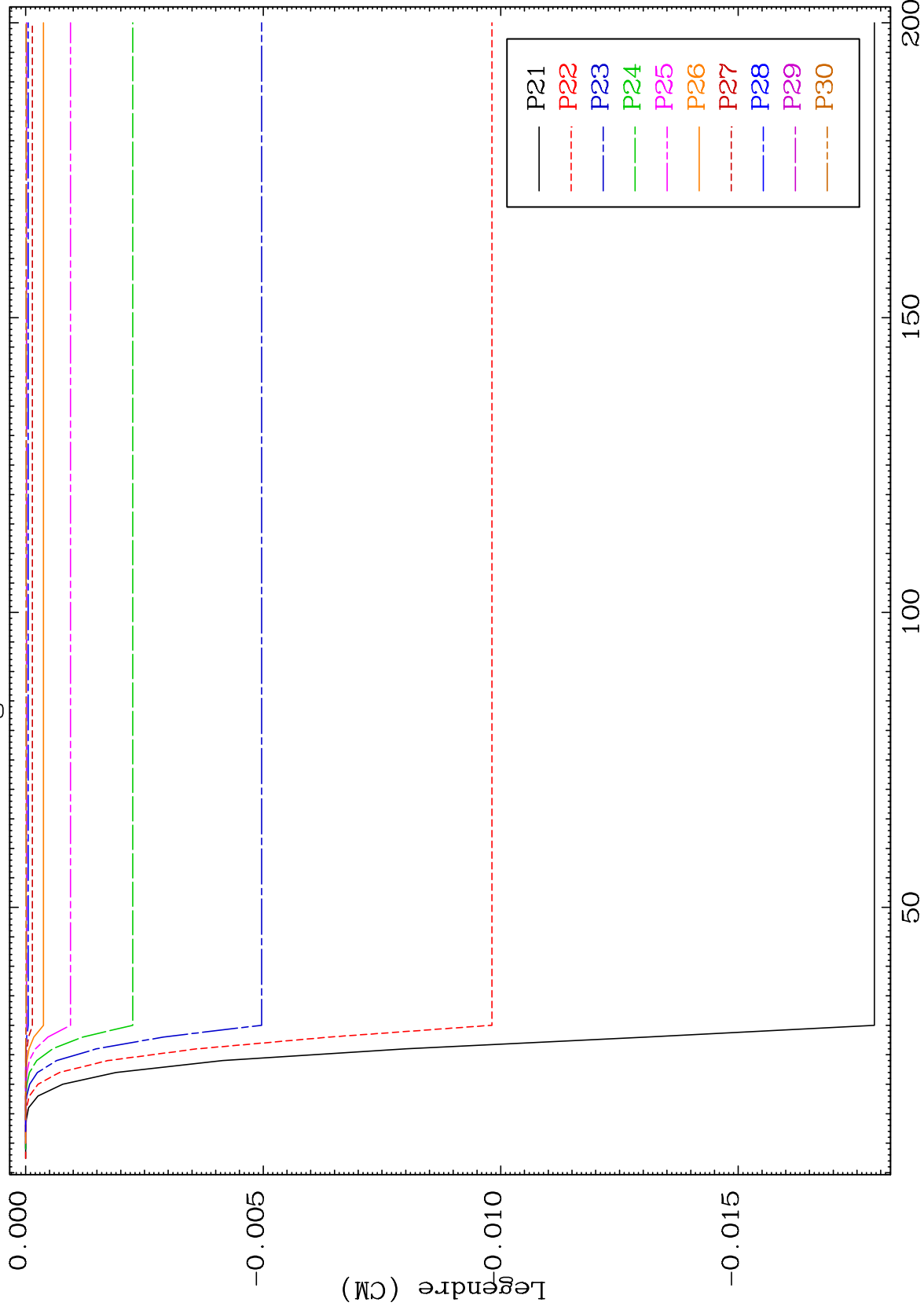


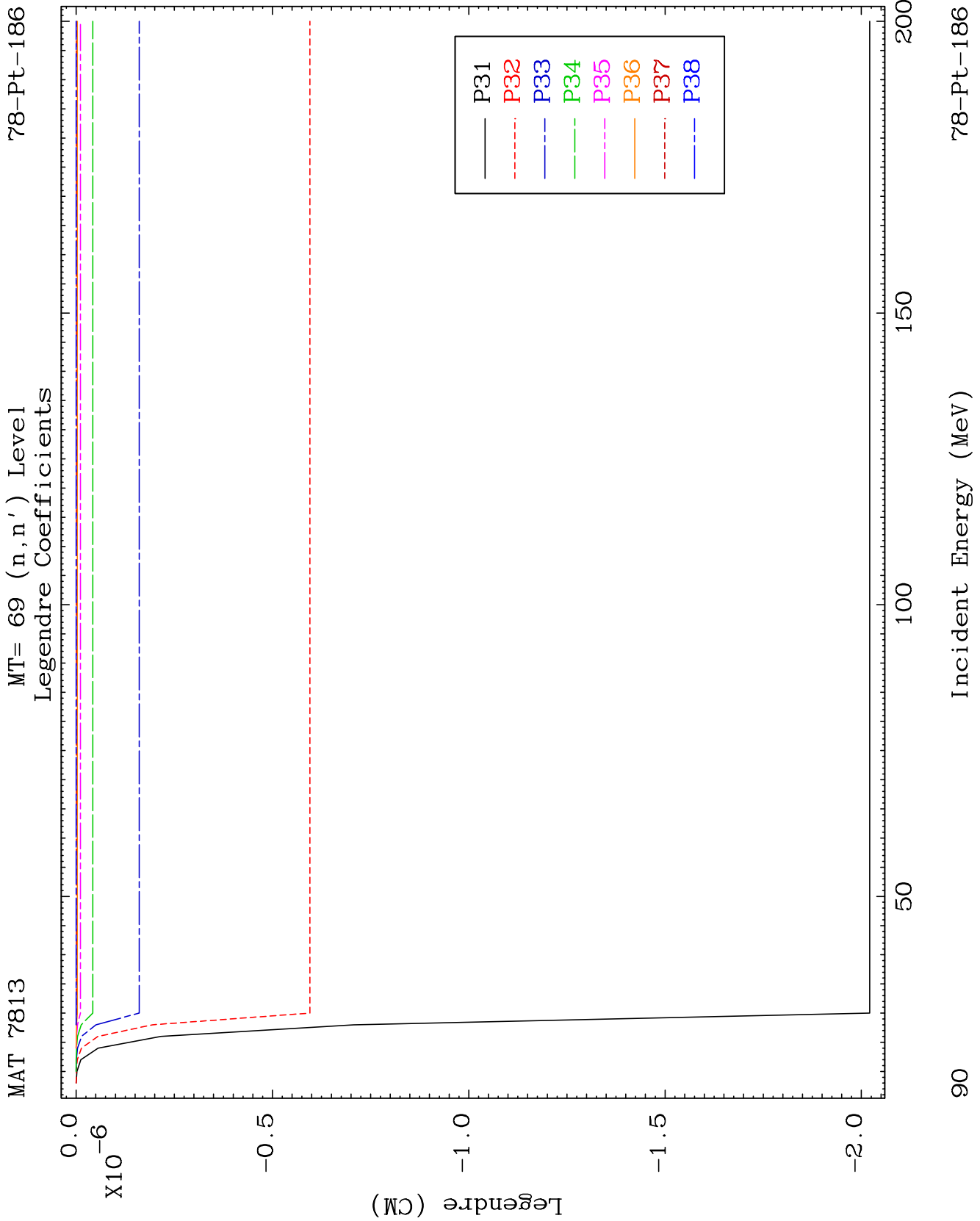
MAT 7813

MT= 69 (n,n') Level

78-Pt-186

Legendre Coefficients

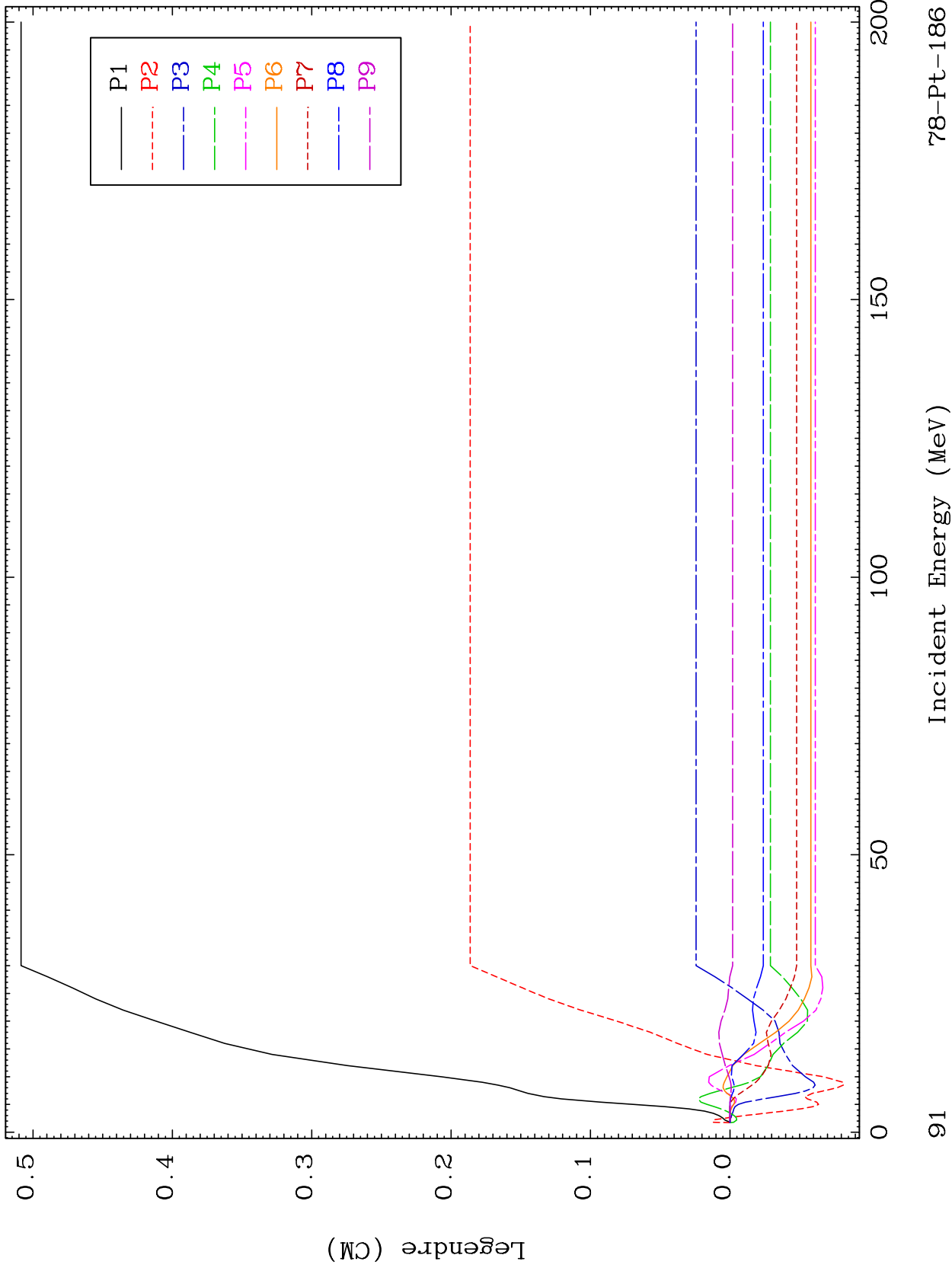




MAT 7813

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

78-Pt-186



78-Pt-186

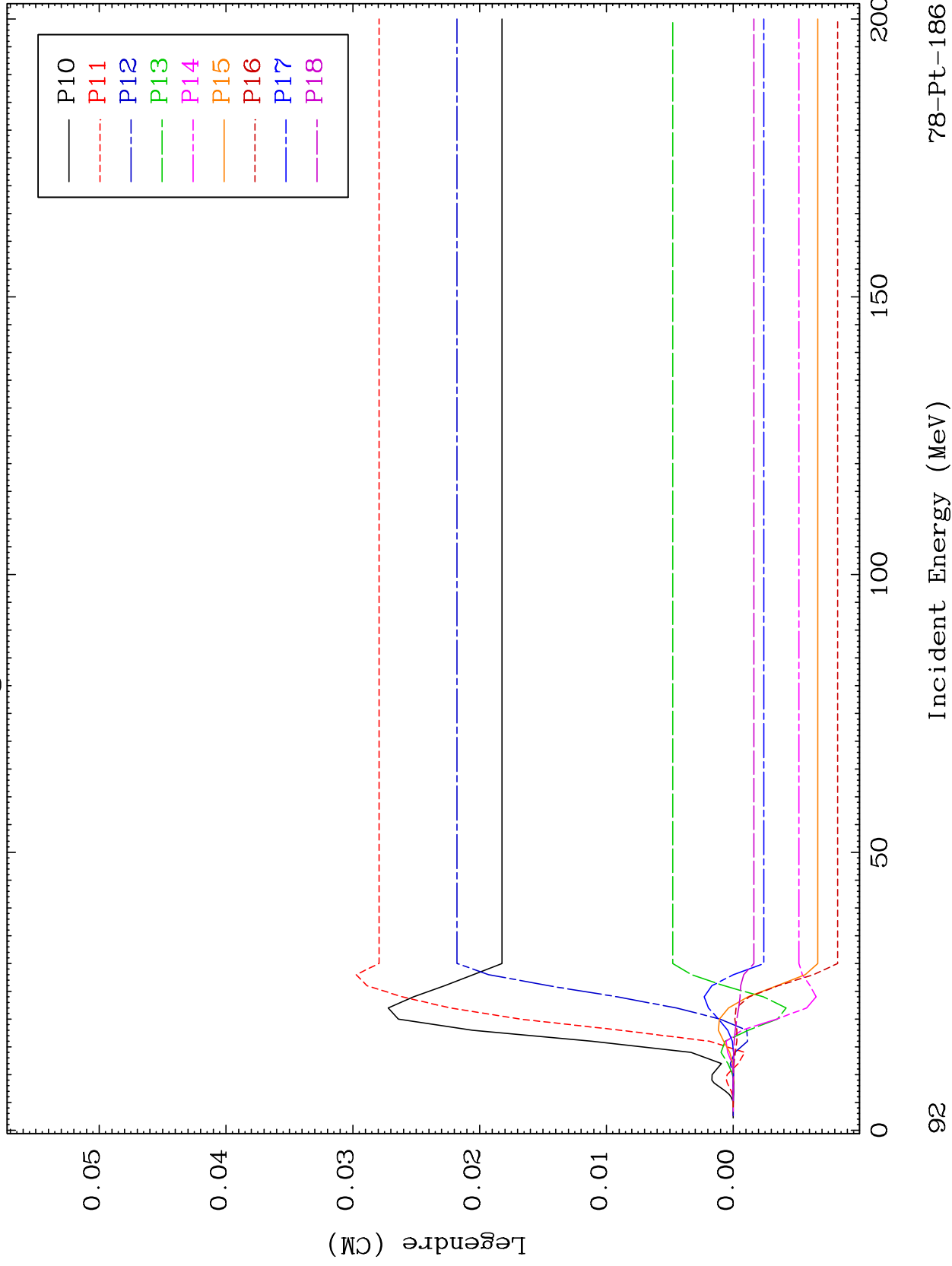
Incident Energy (MeV)

91

MAT 7813

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

78-Pt-186



78-Pt-186

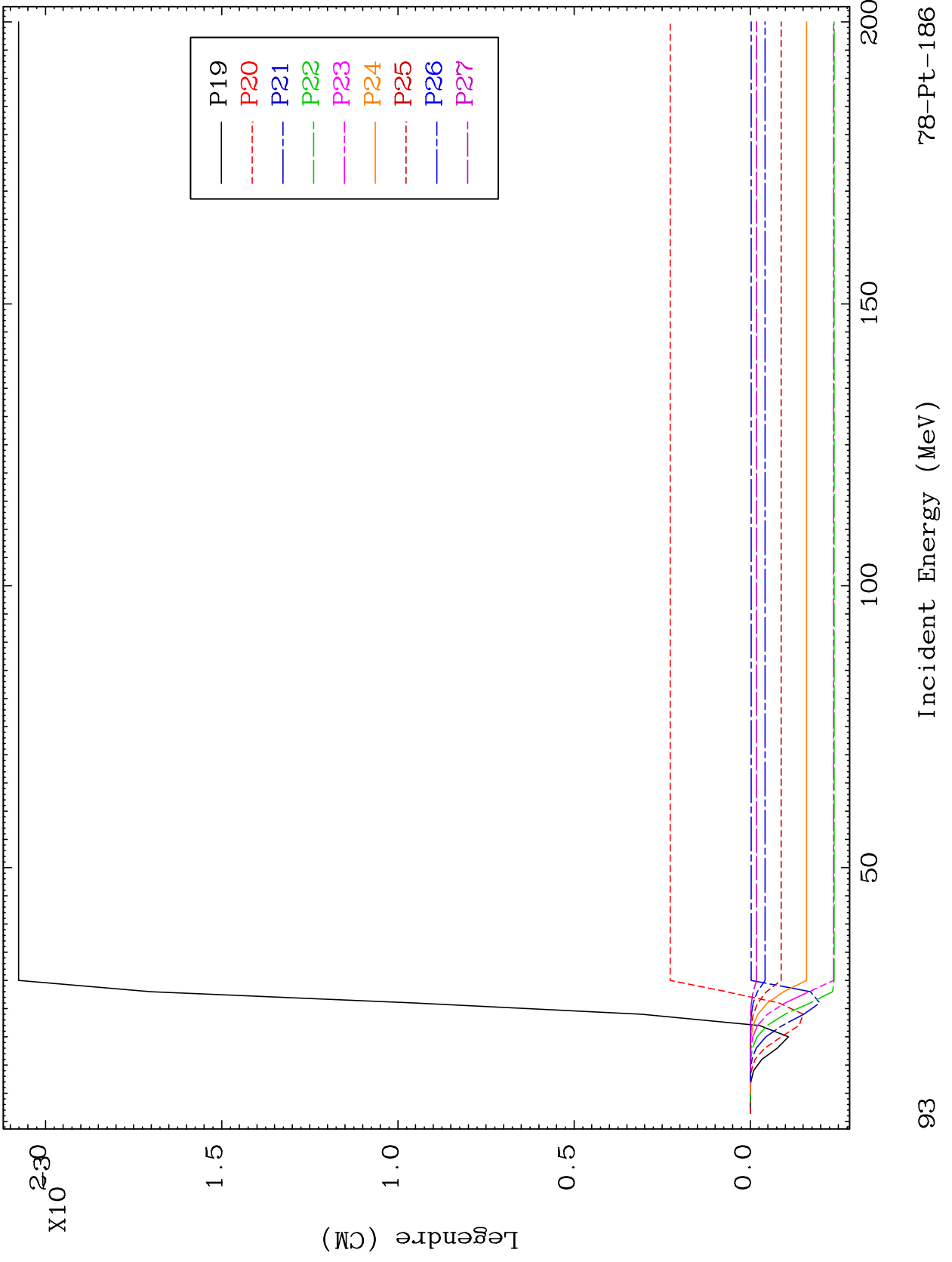
Incident Energy (MeV)

92

MAT 7813

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

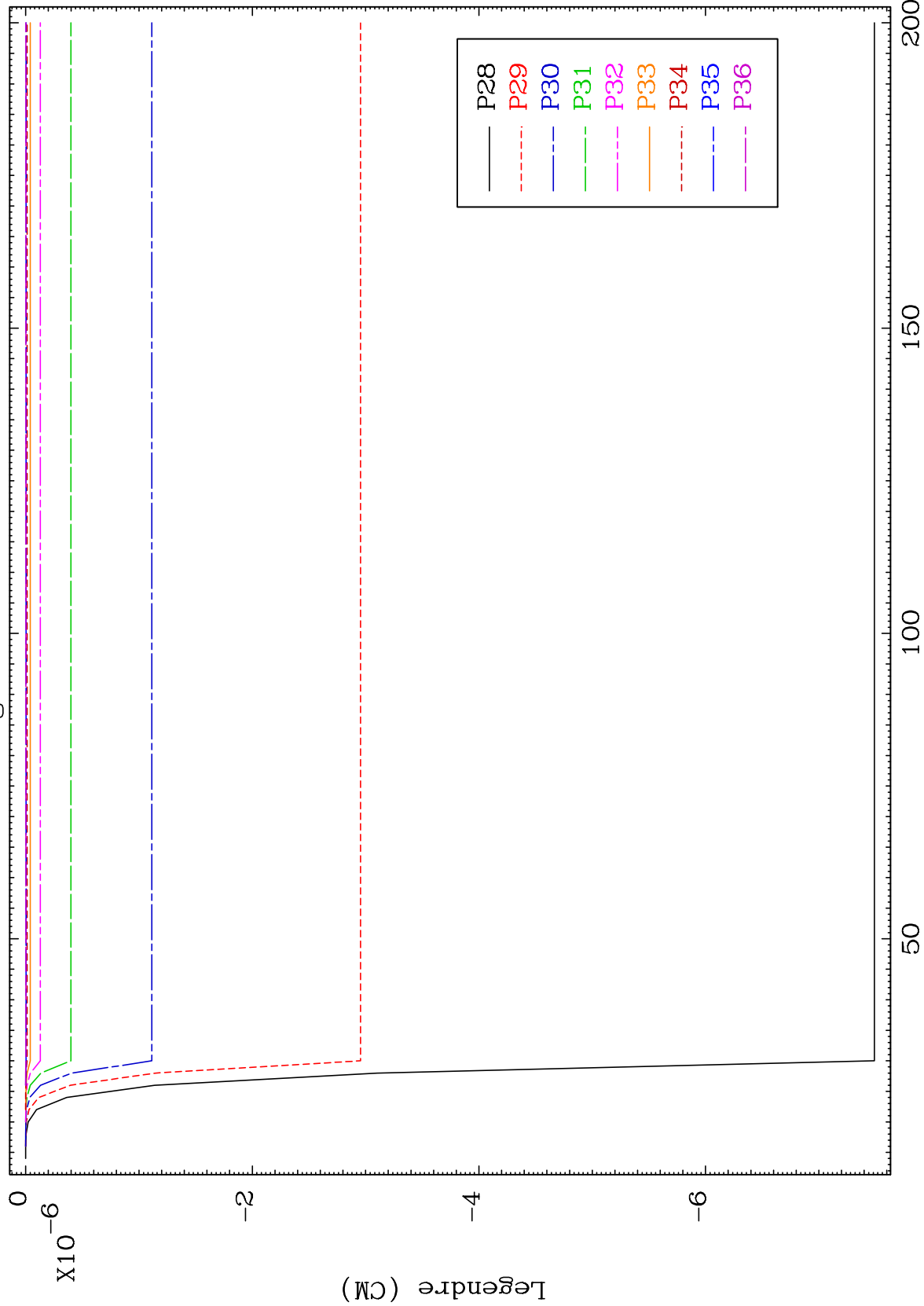
78-Pt-186



MAT 7813

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

78-Pt-186



94

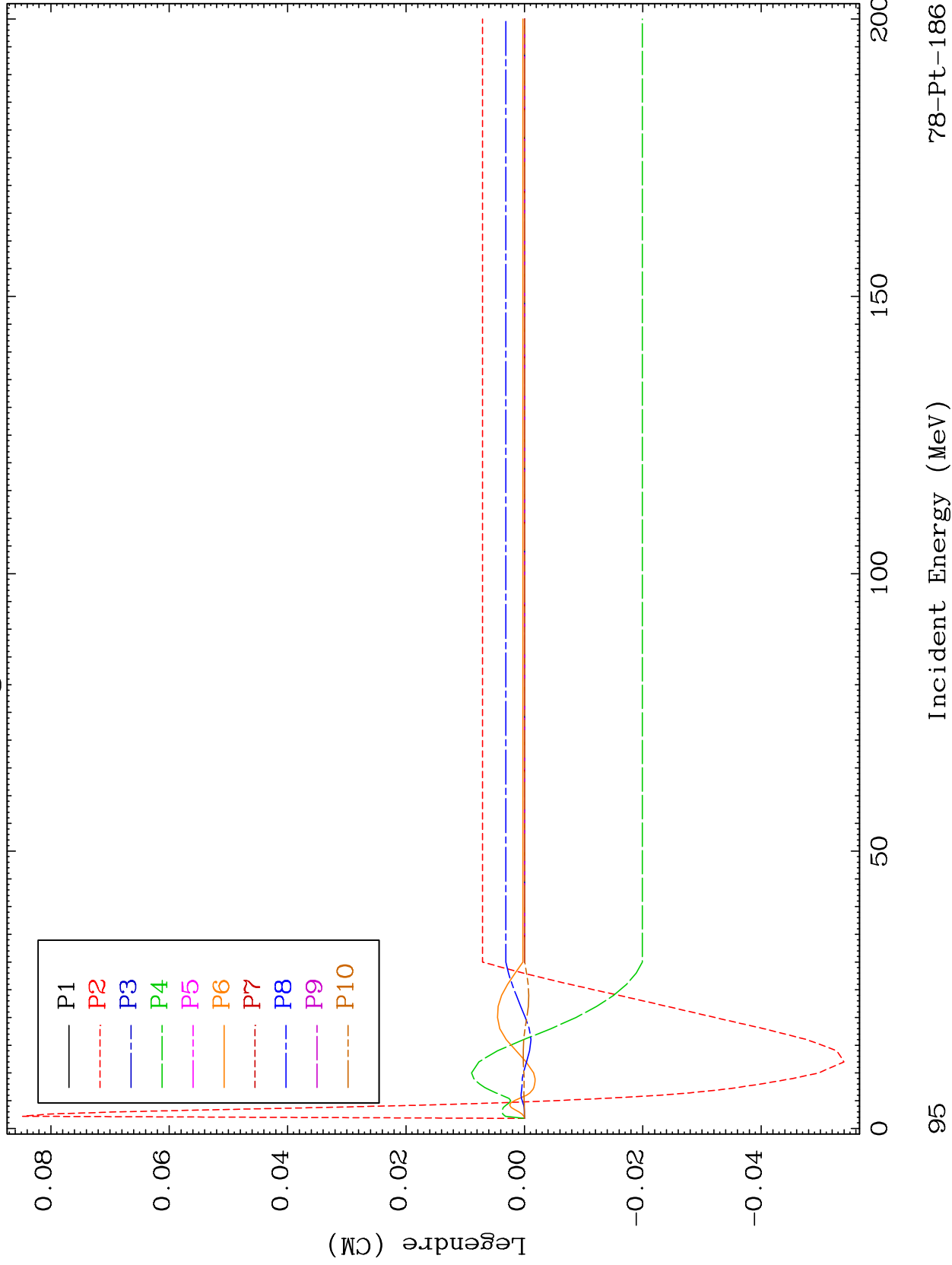
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

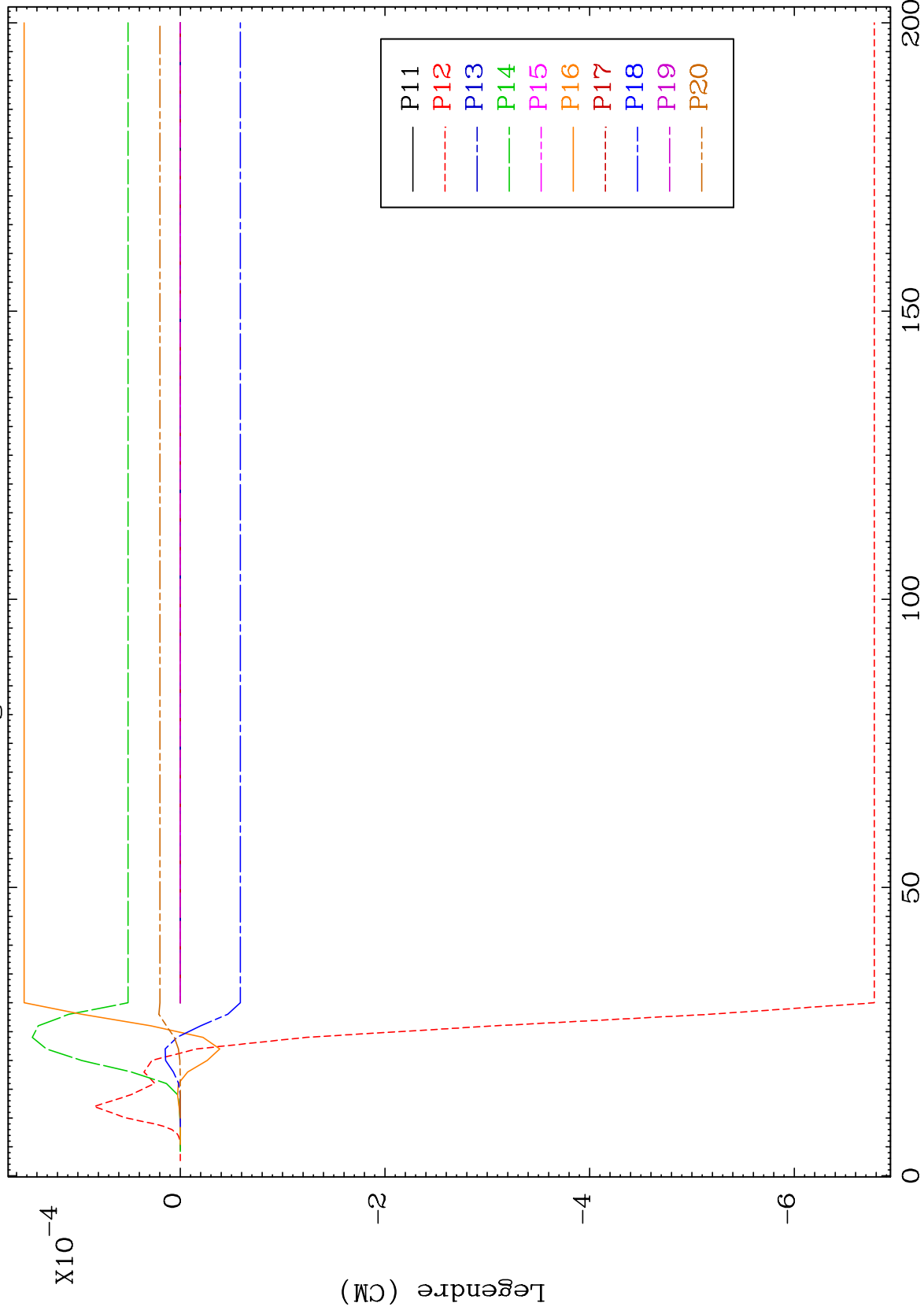
78-Pt-186



MAT 7813

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

78-Pt-186



96

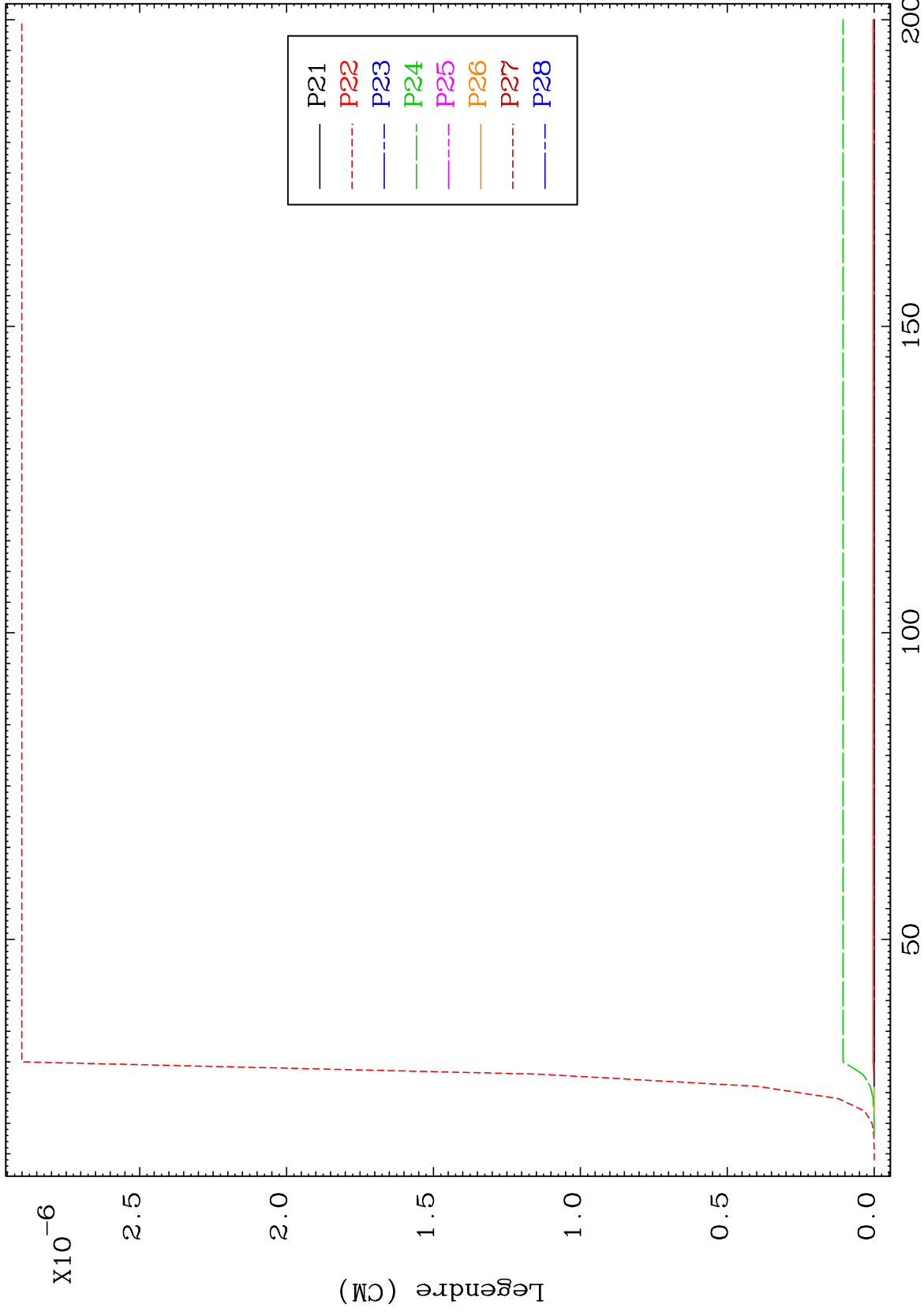
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



97

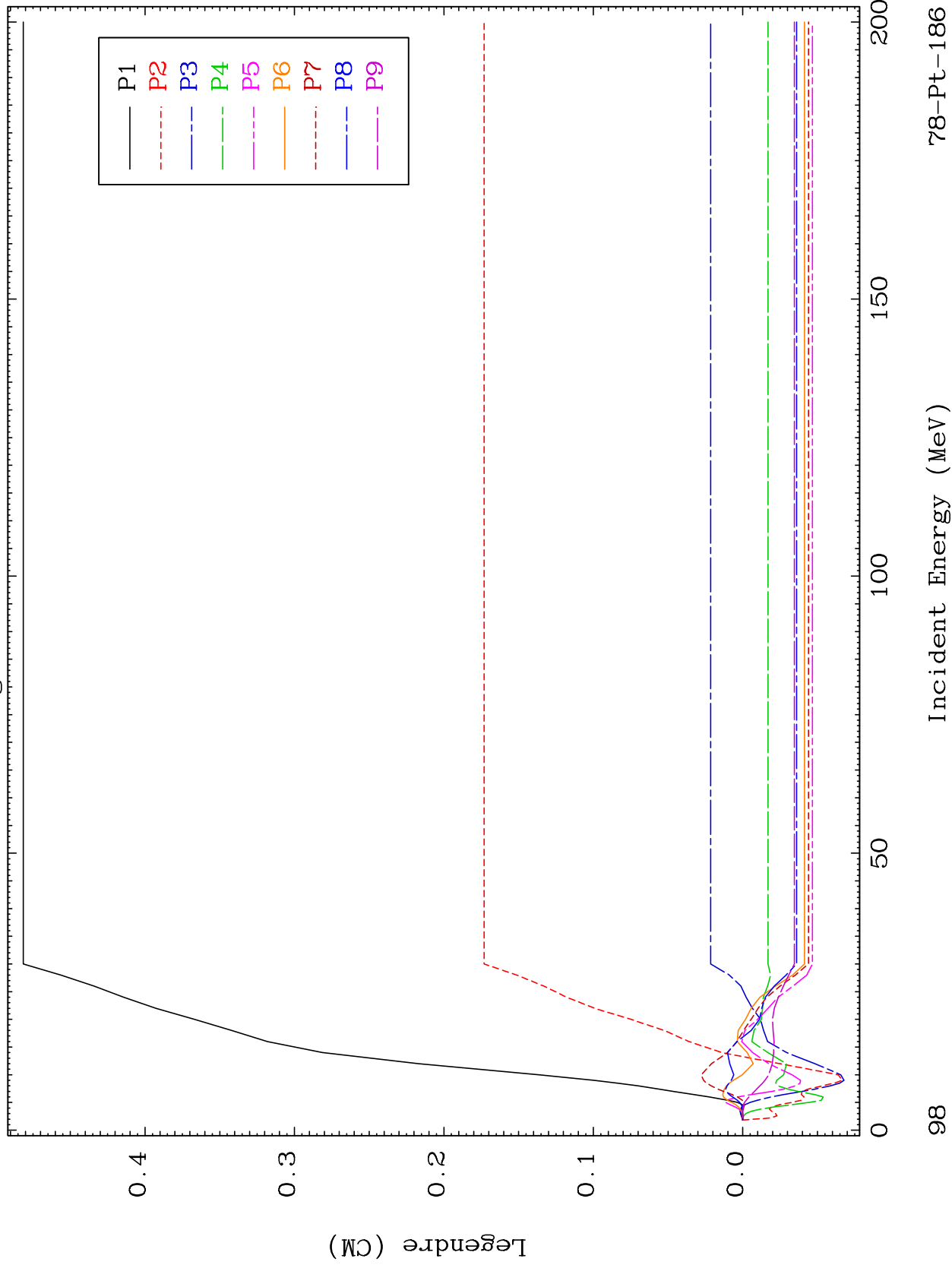
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



78-Pt-186

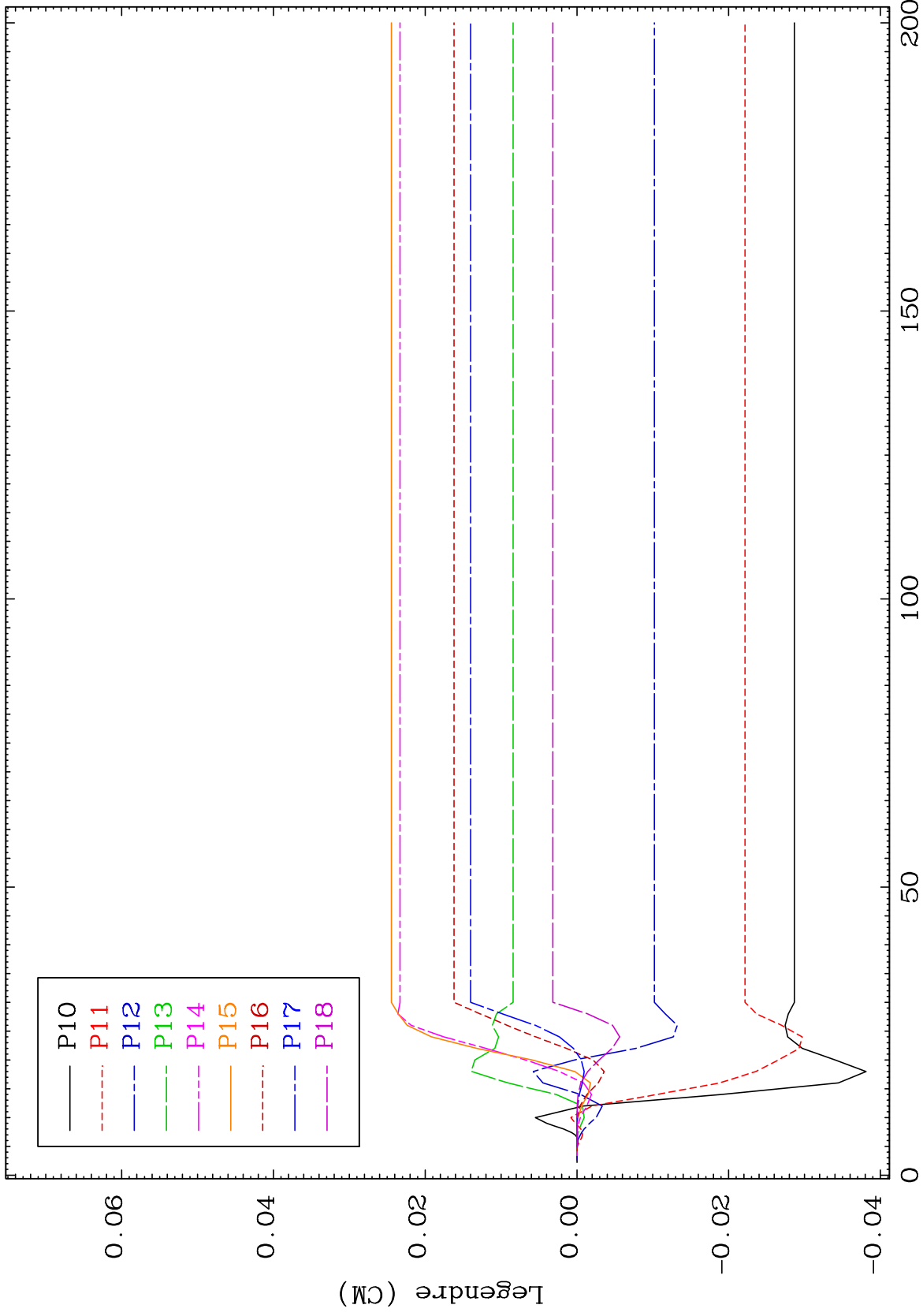
Incident Energy (MeV)

98

MAT 7813

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

78-Pt-186



99

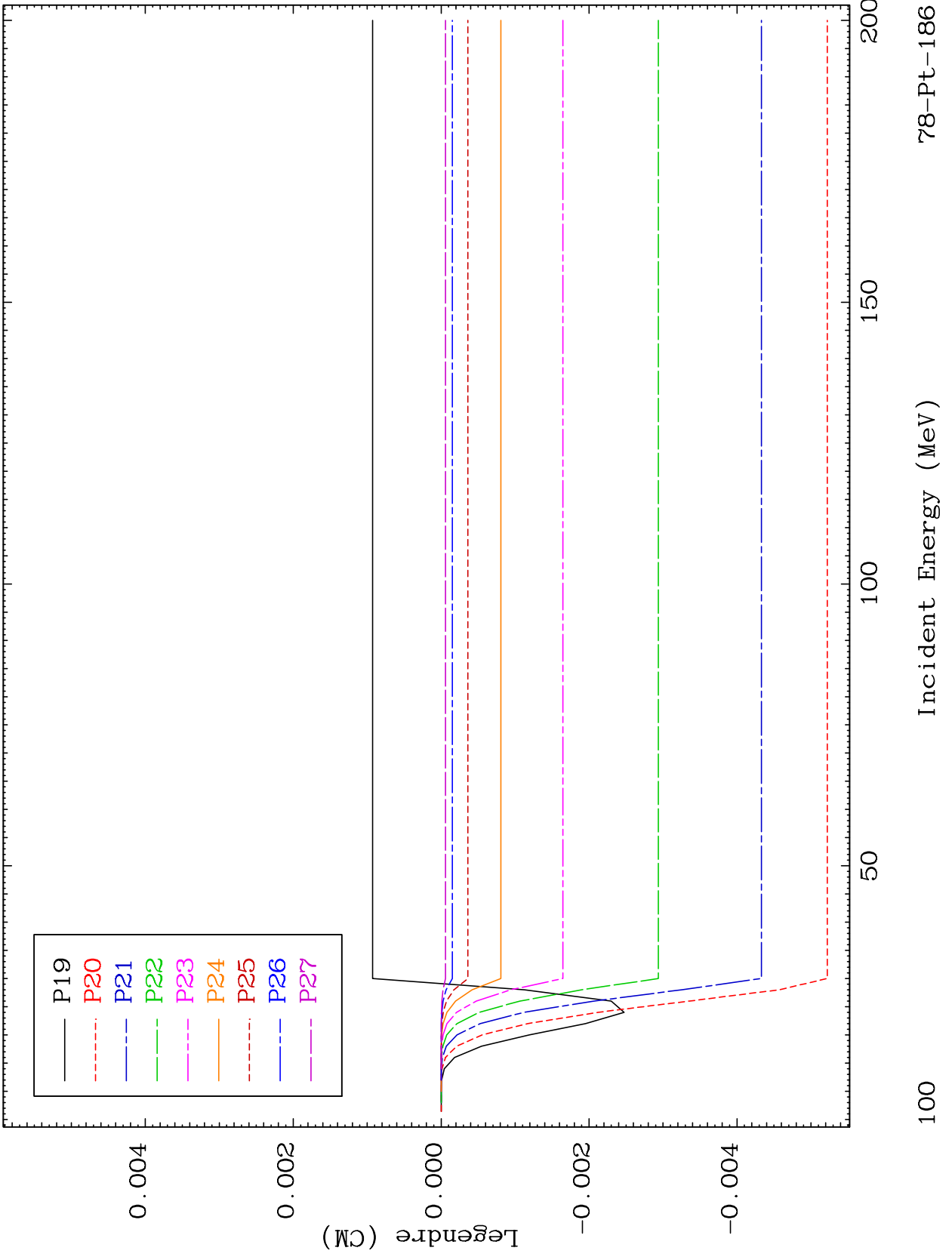
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



100

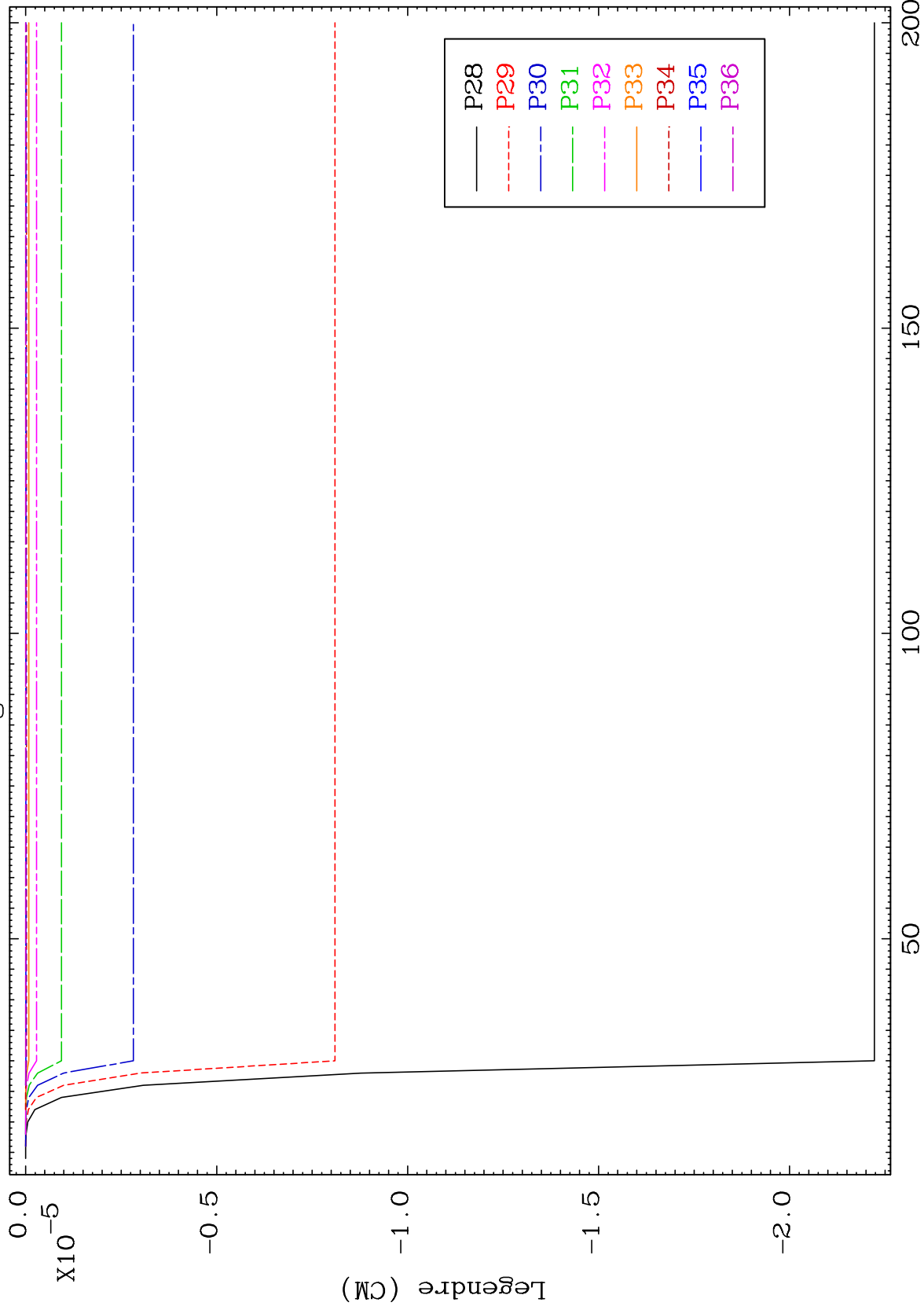
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



78-Pt-186

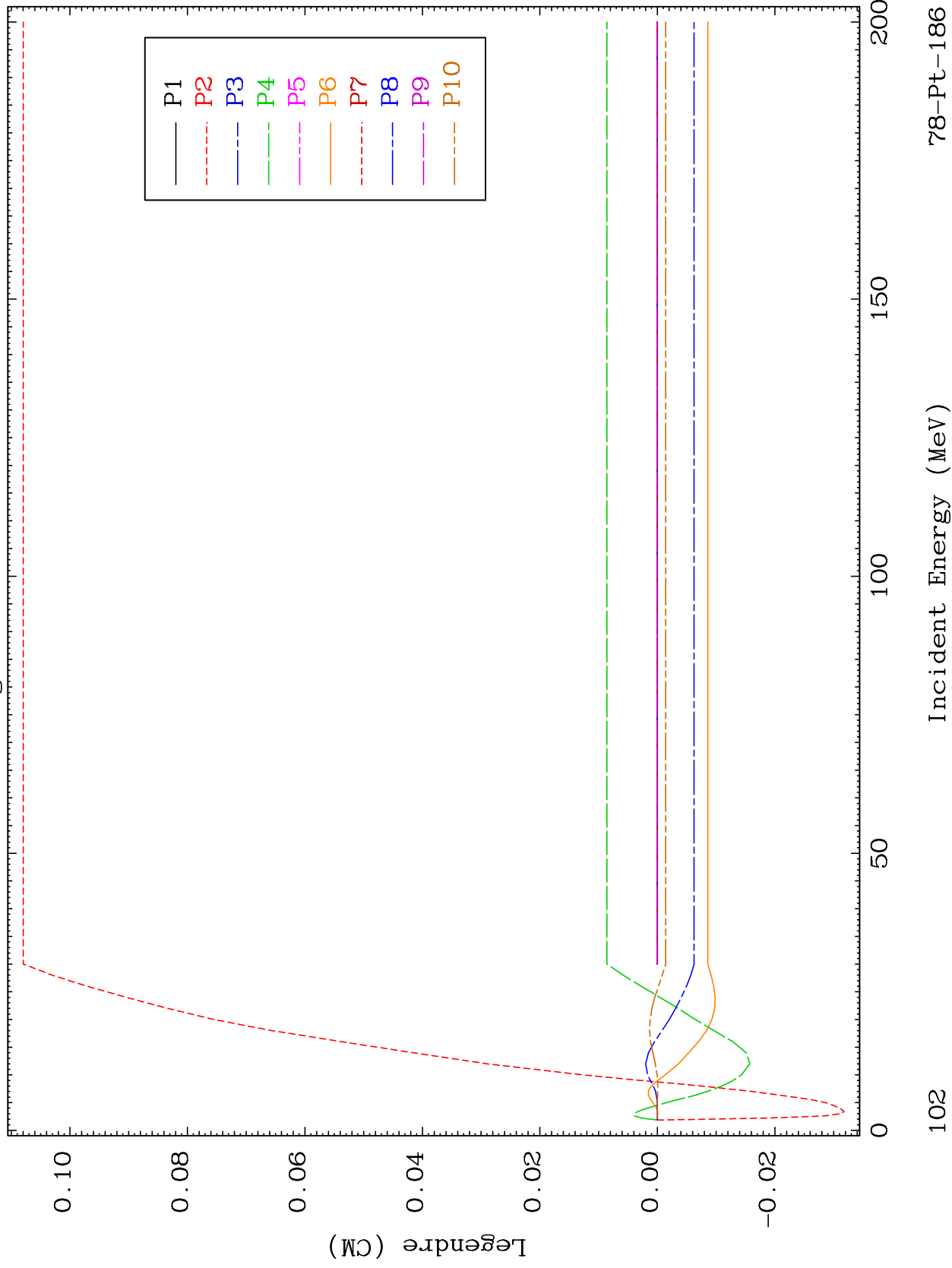
Incident Energy (MeV)

101

MAT 7813

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

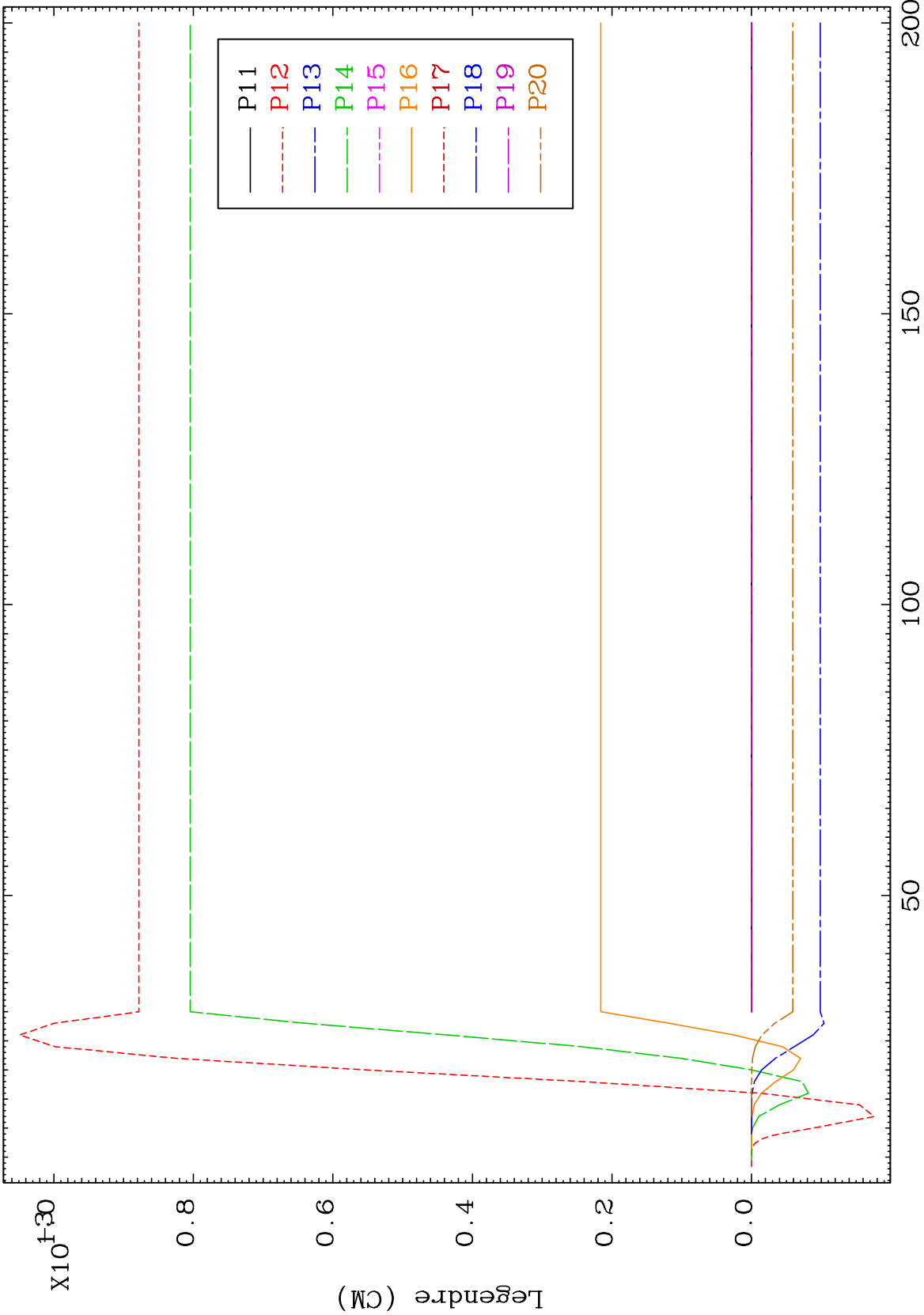
78-Pt-186

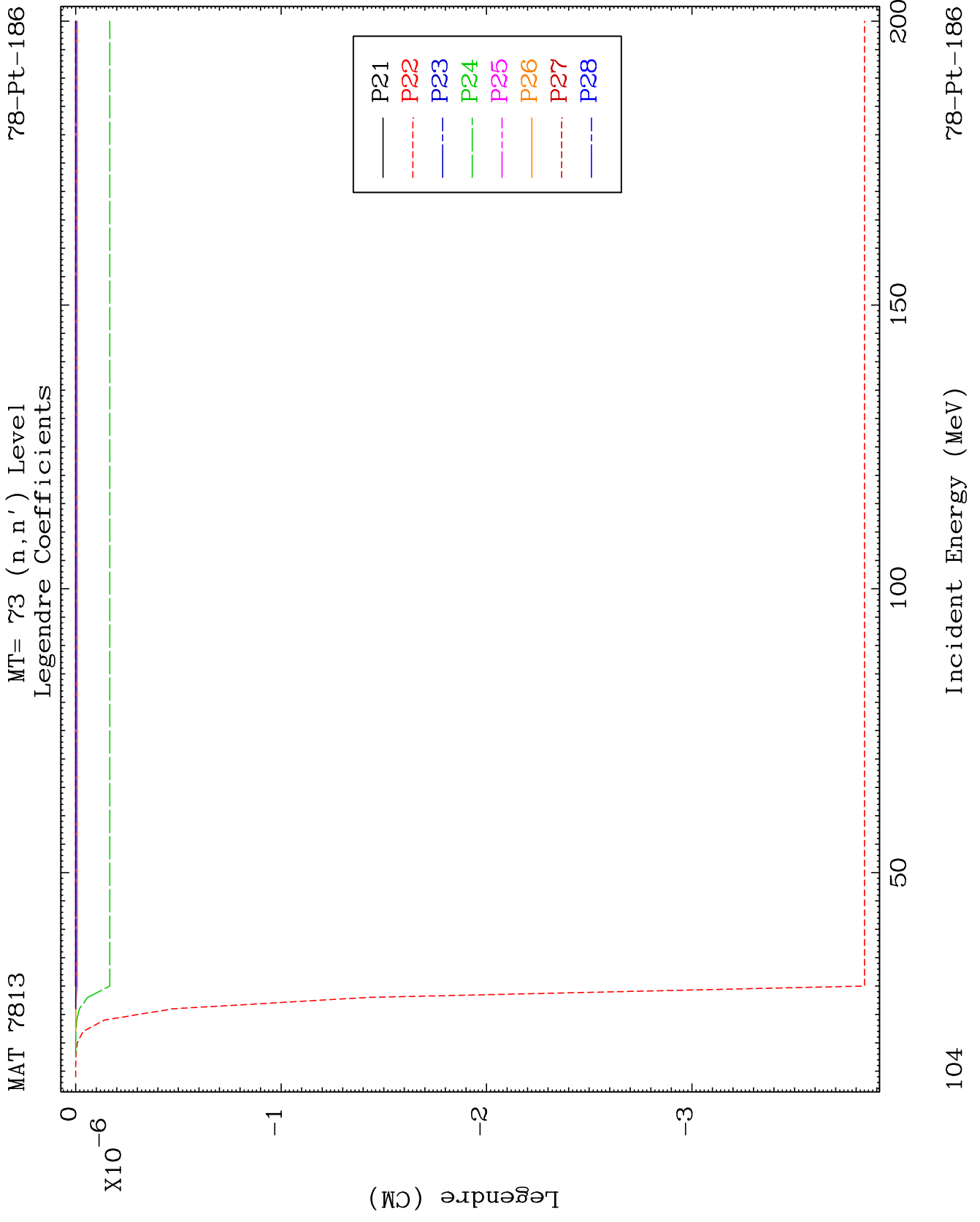


102

Incident Energy (MeV)

78-Pt-186

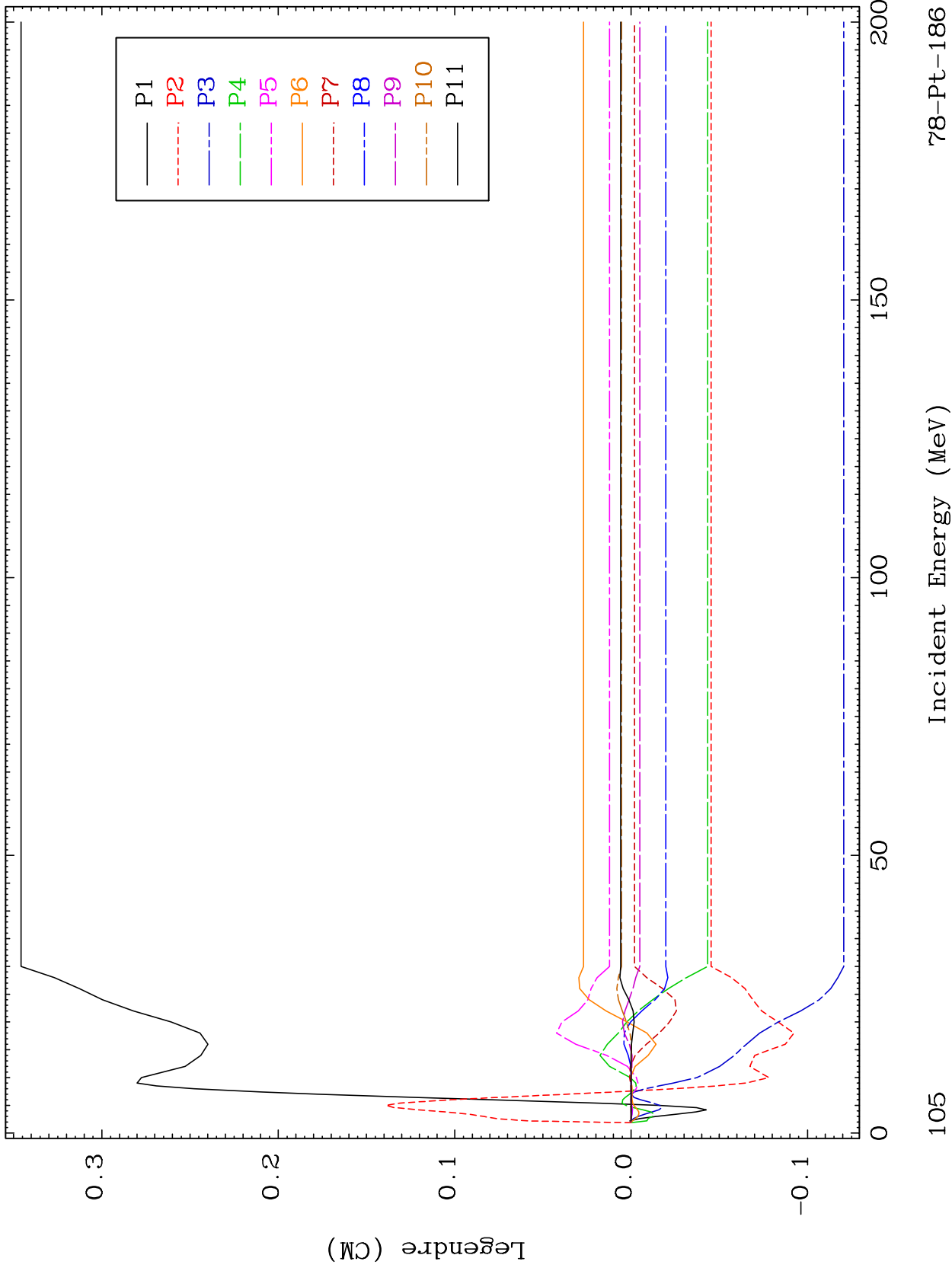




MAT 7813

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

78-Pt-186



78-Pt-186

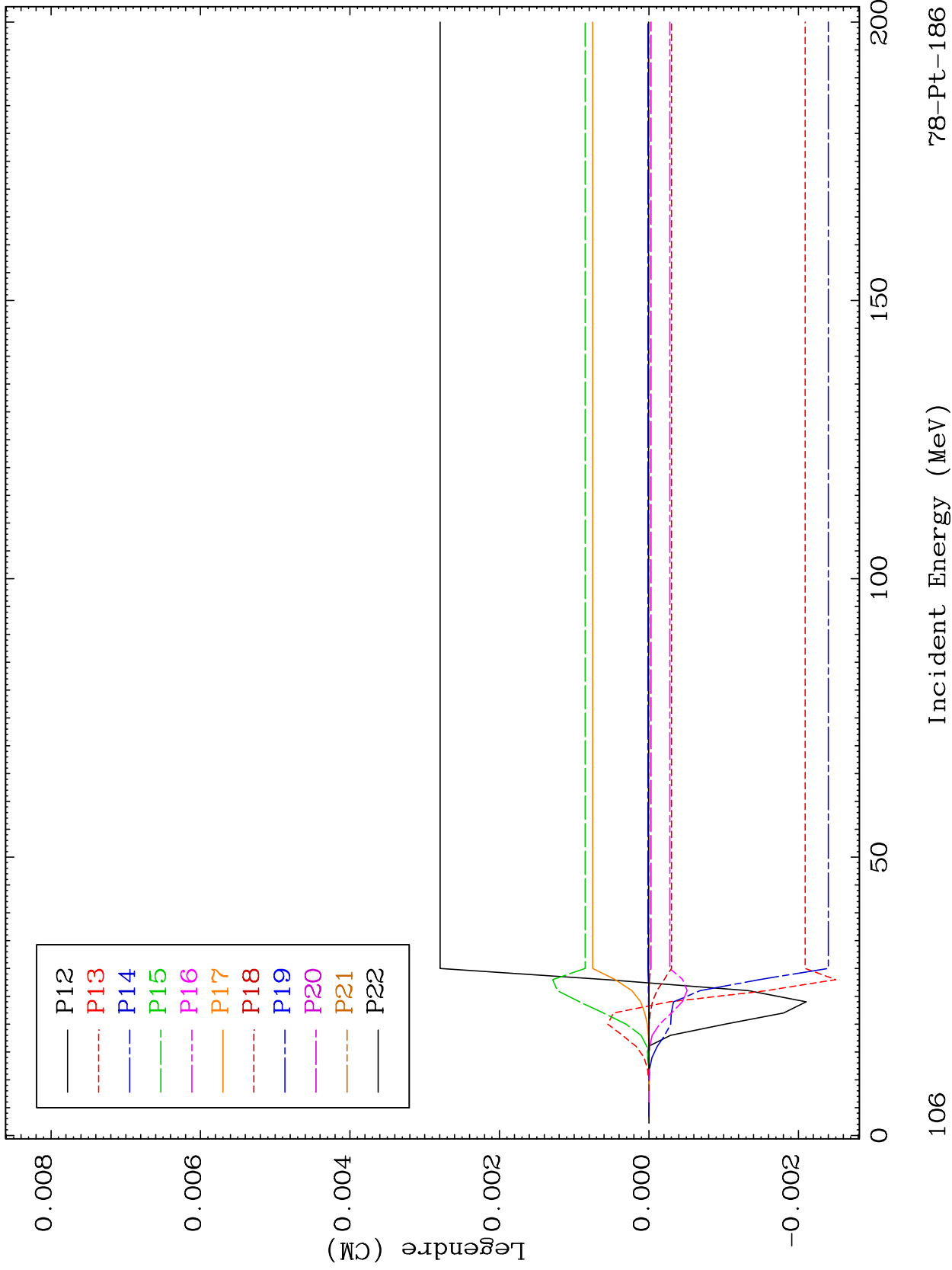
Incident Energy (MeV)

105

MAT 7813

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

78-Pt-186



106

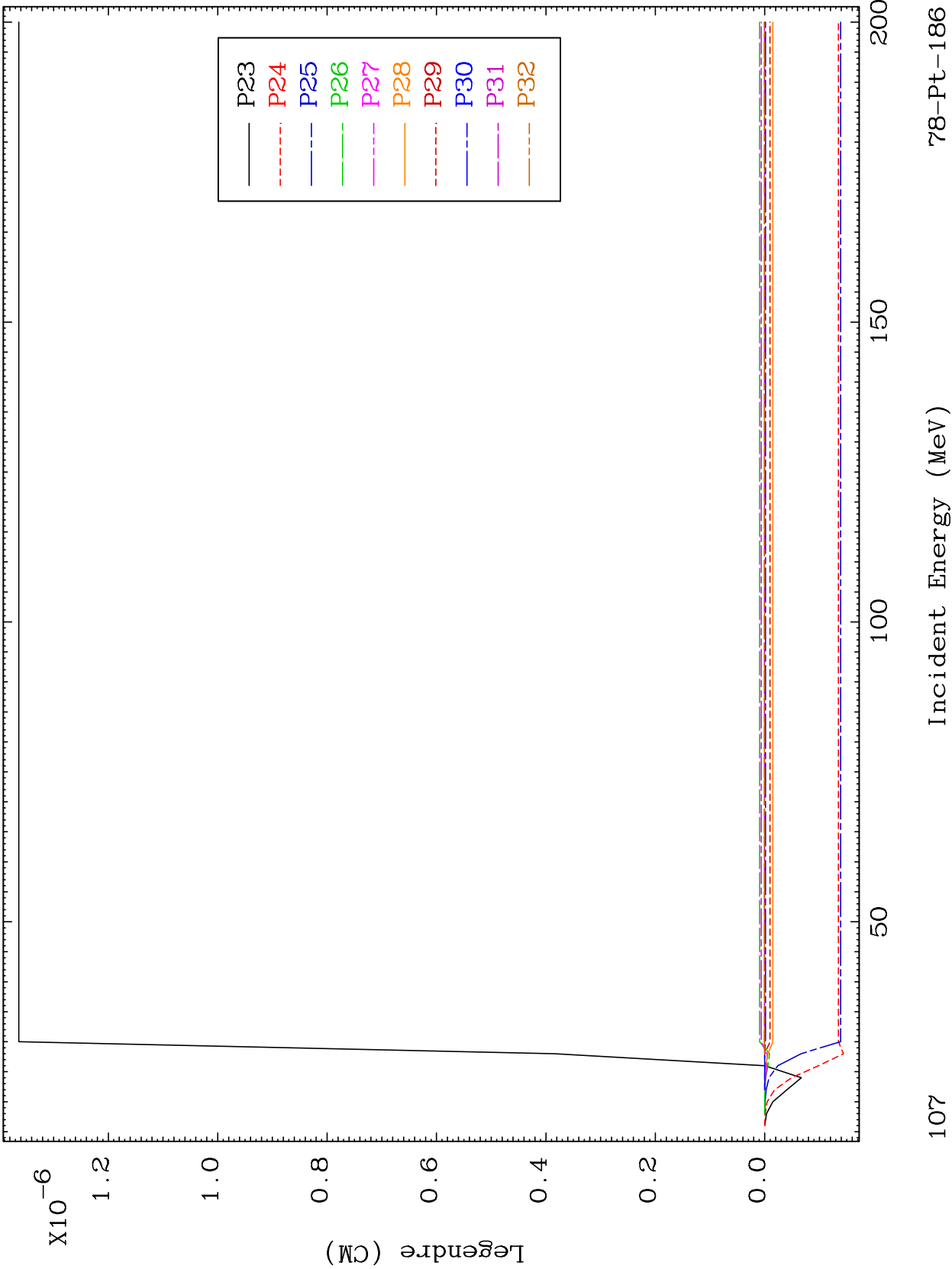
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



107

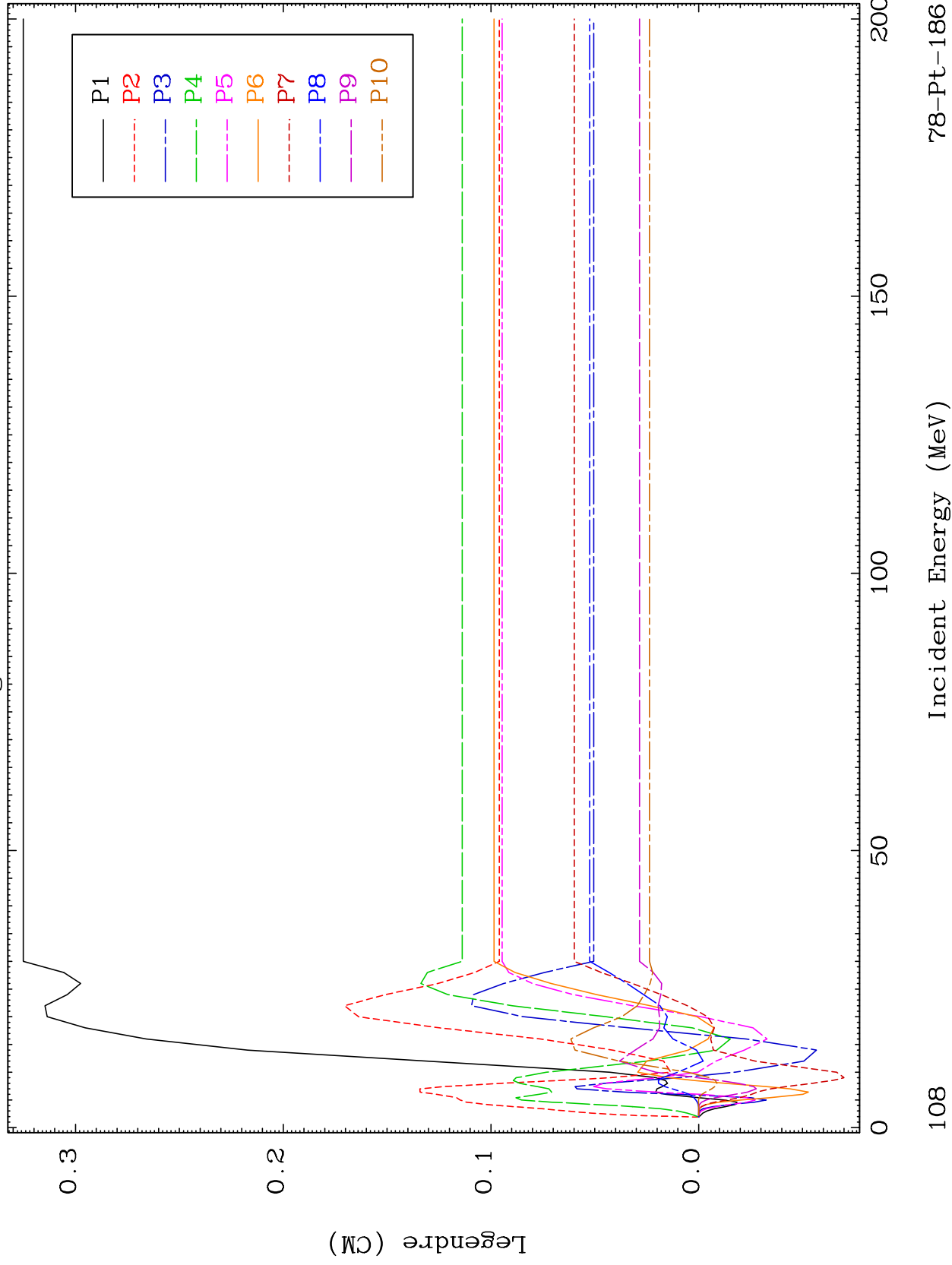
Incident Energy (MeV)

78-Pt-186

MAT 7813

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

78-Pt-186



78-Pt-186

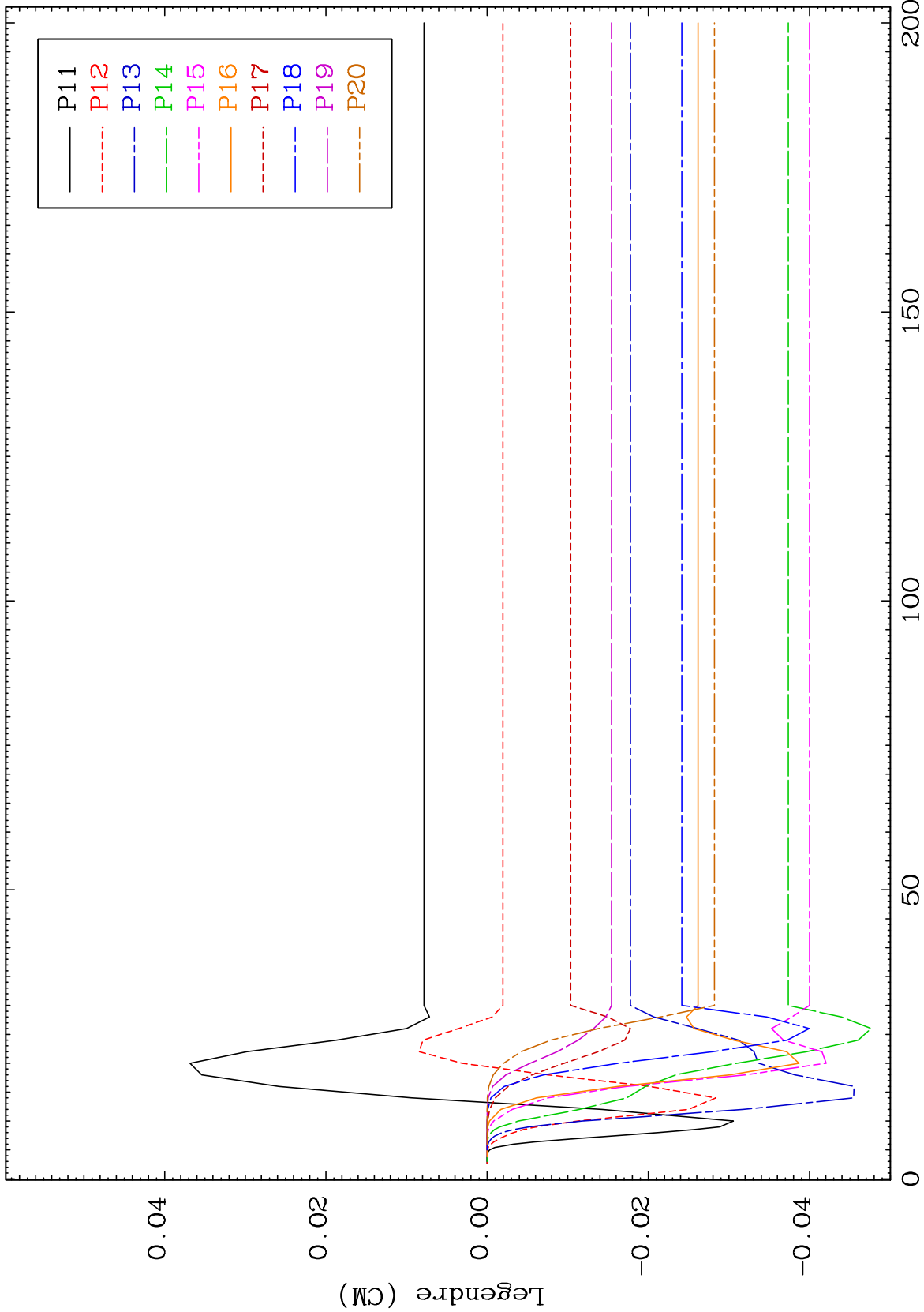
Incident Energy (MeV)

108

MAT 7813

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

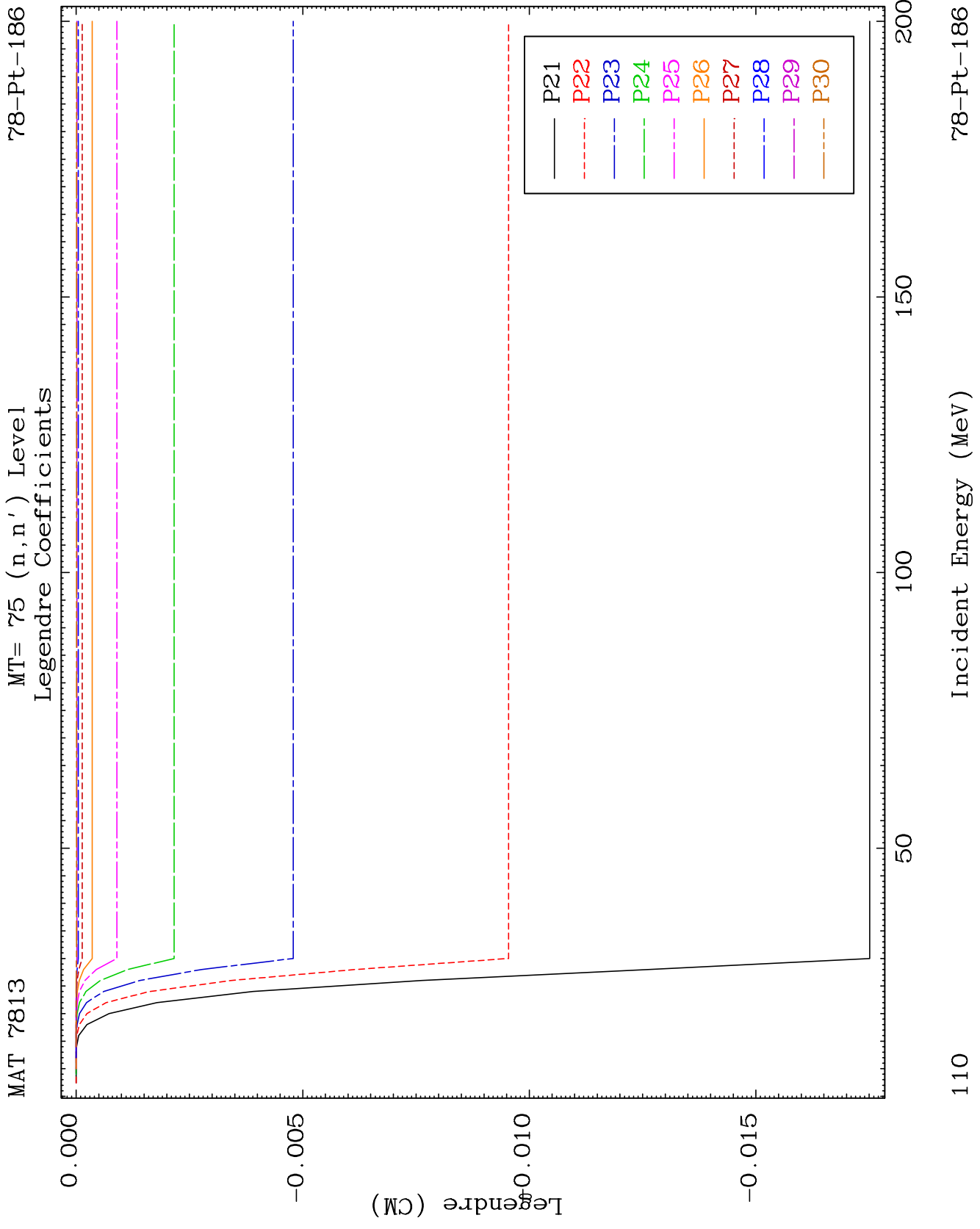
78-Pt-186



109

Incident Energy (MeV)

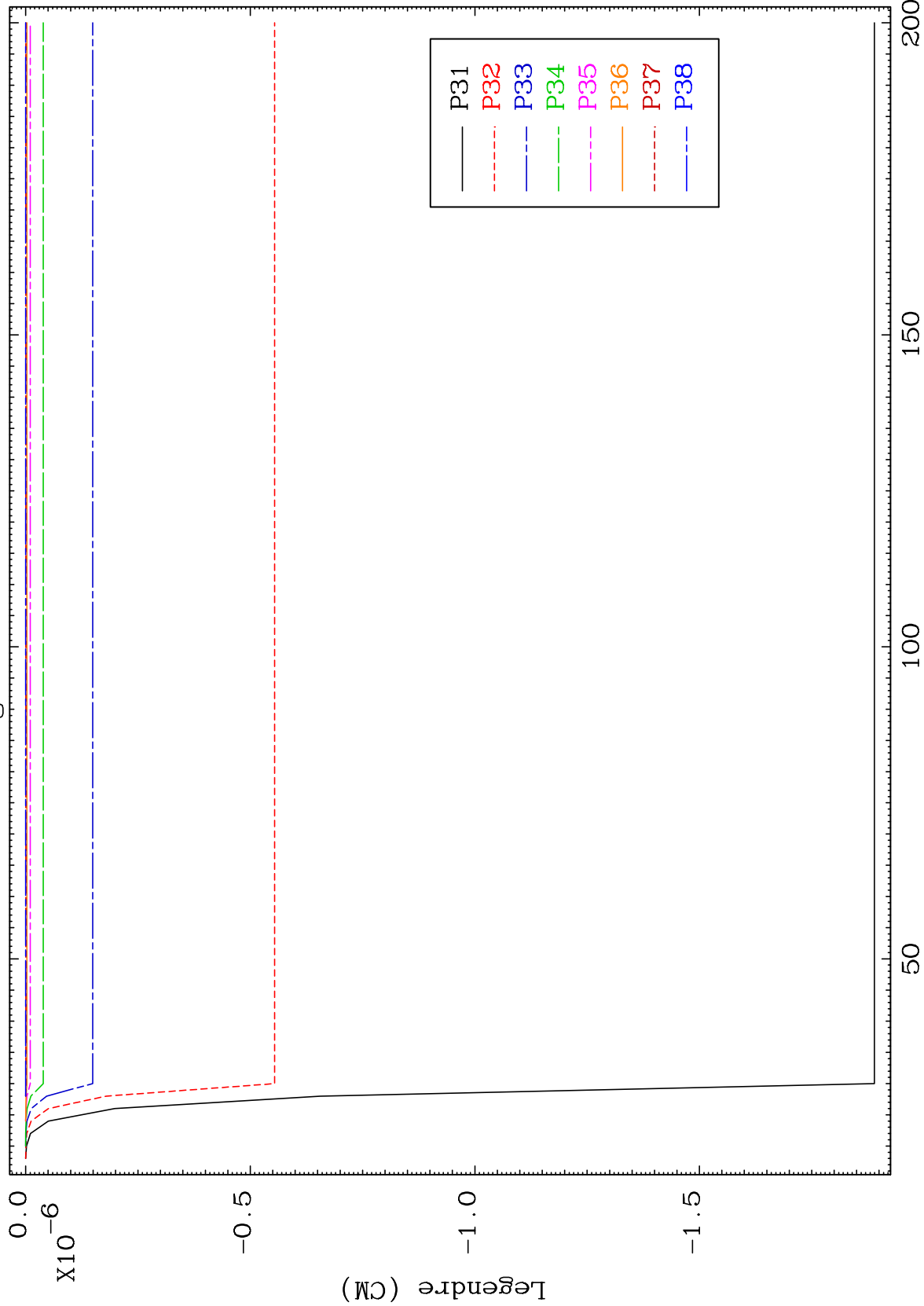
78-Pt-186



MAT 7813

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

78-Pt-186



111

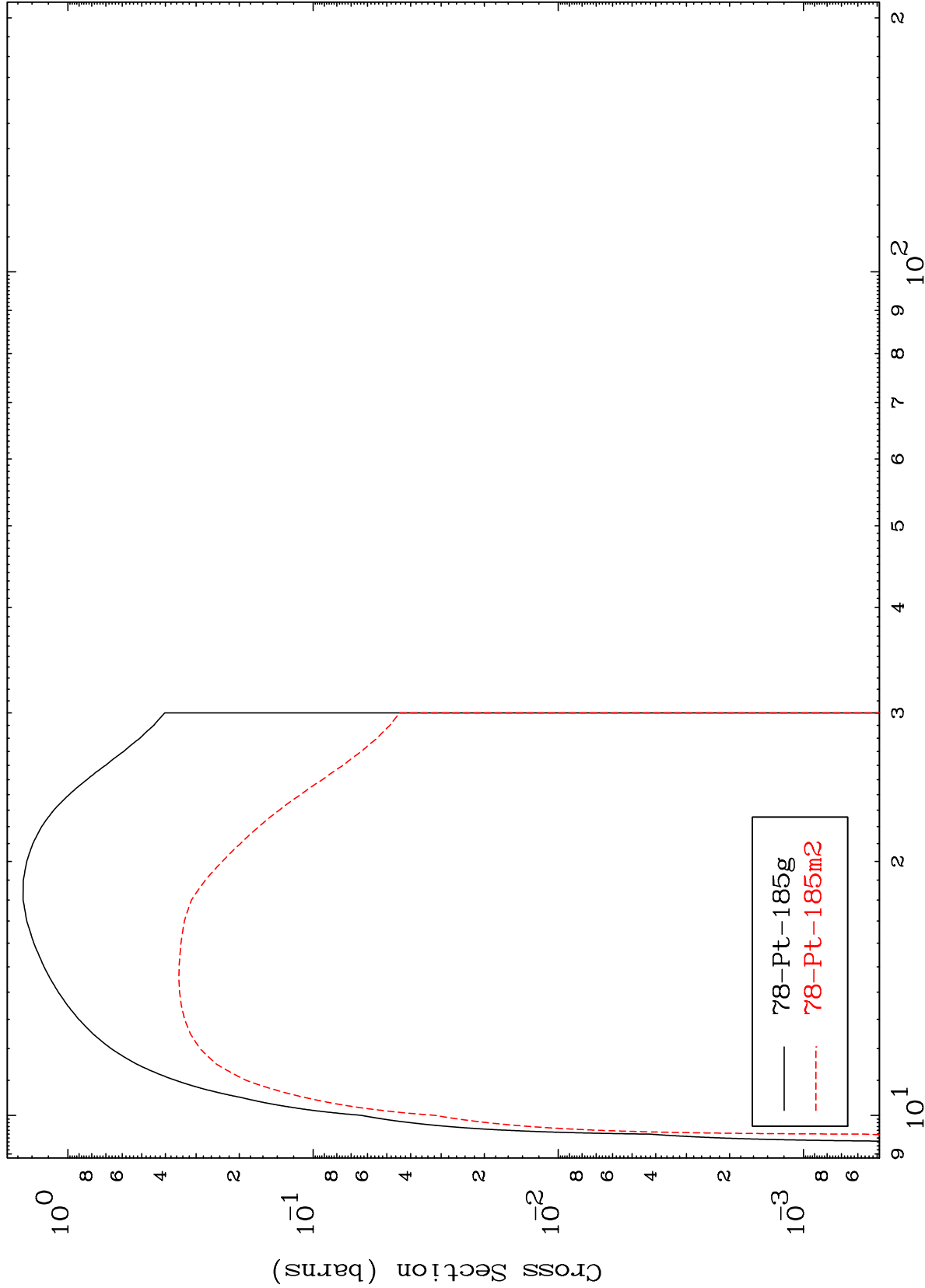
78-Pt-186

MAT 7813

78-Pt-186

Radionuclide Production Cross Section

(n,2n)



Incident Energy (MeV)

78-Pt-186

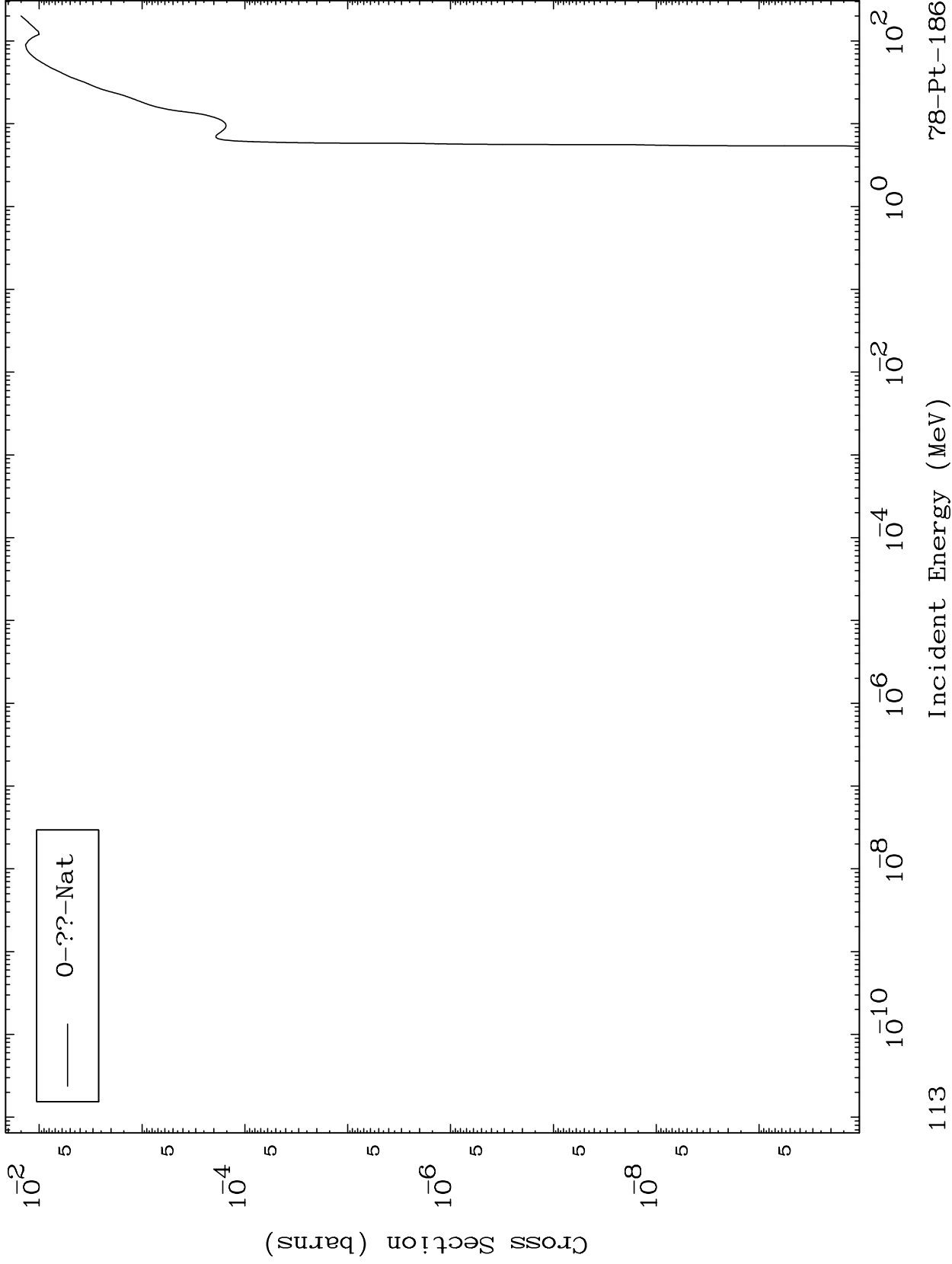
112

MAT 7813

Fission

78-Pt-186

Radionuclide Production Cross Section



113

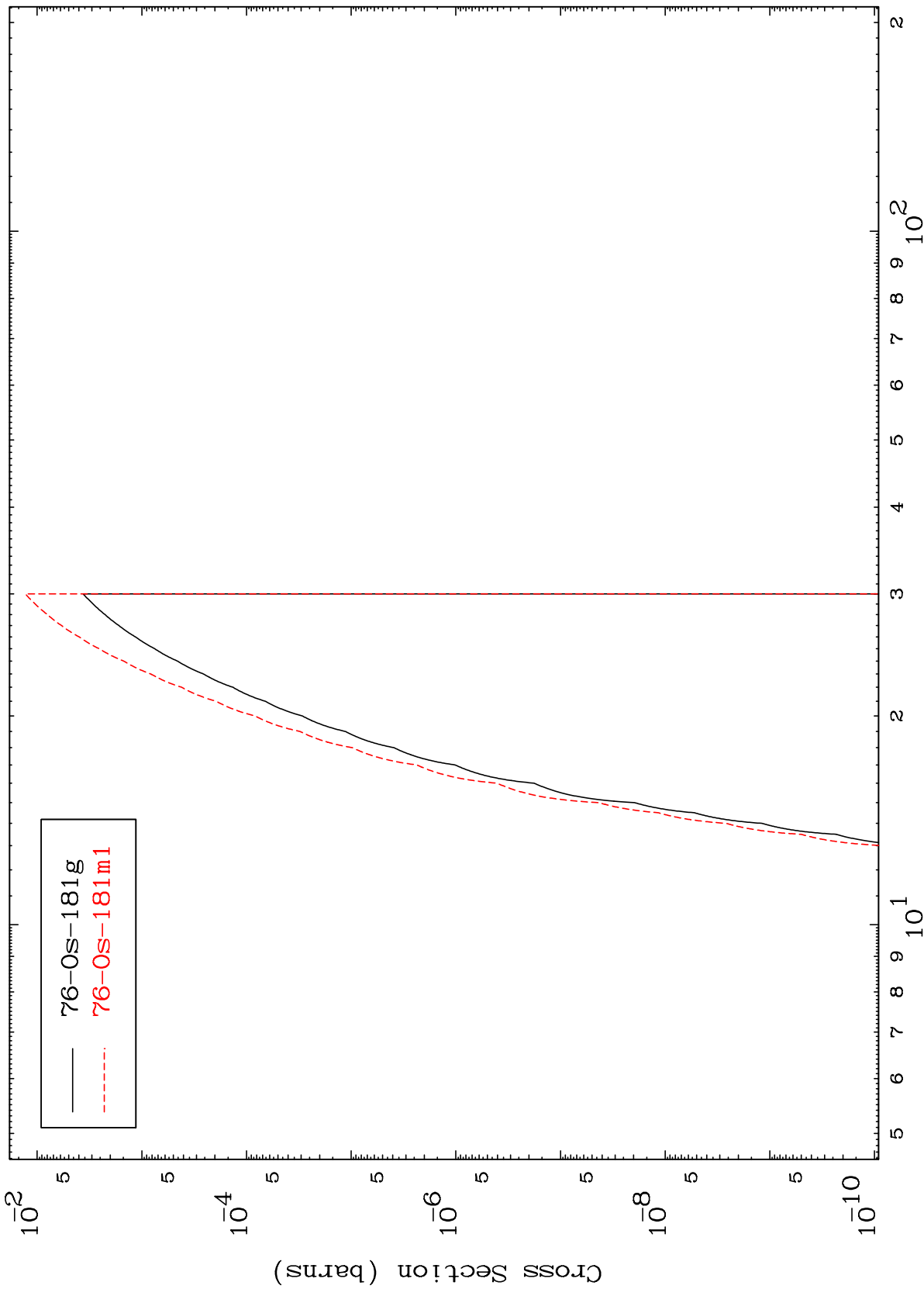
78-Pt-186

MAT 7813

$(n,2n) \alpha$

78-Pt-186

Radionuclide Production Cross Section



114

Incident Energy (MeV)

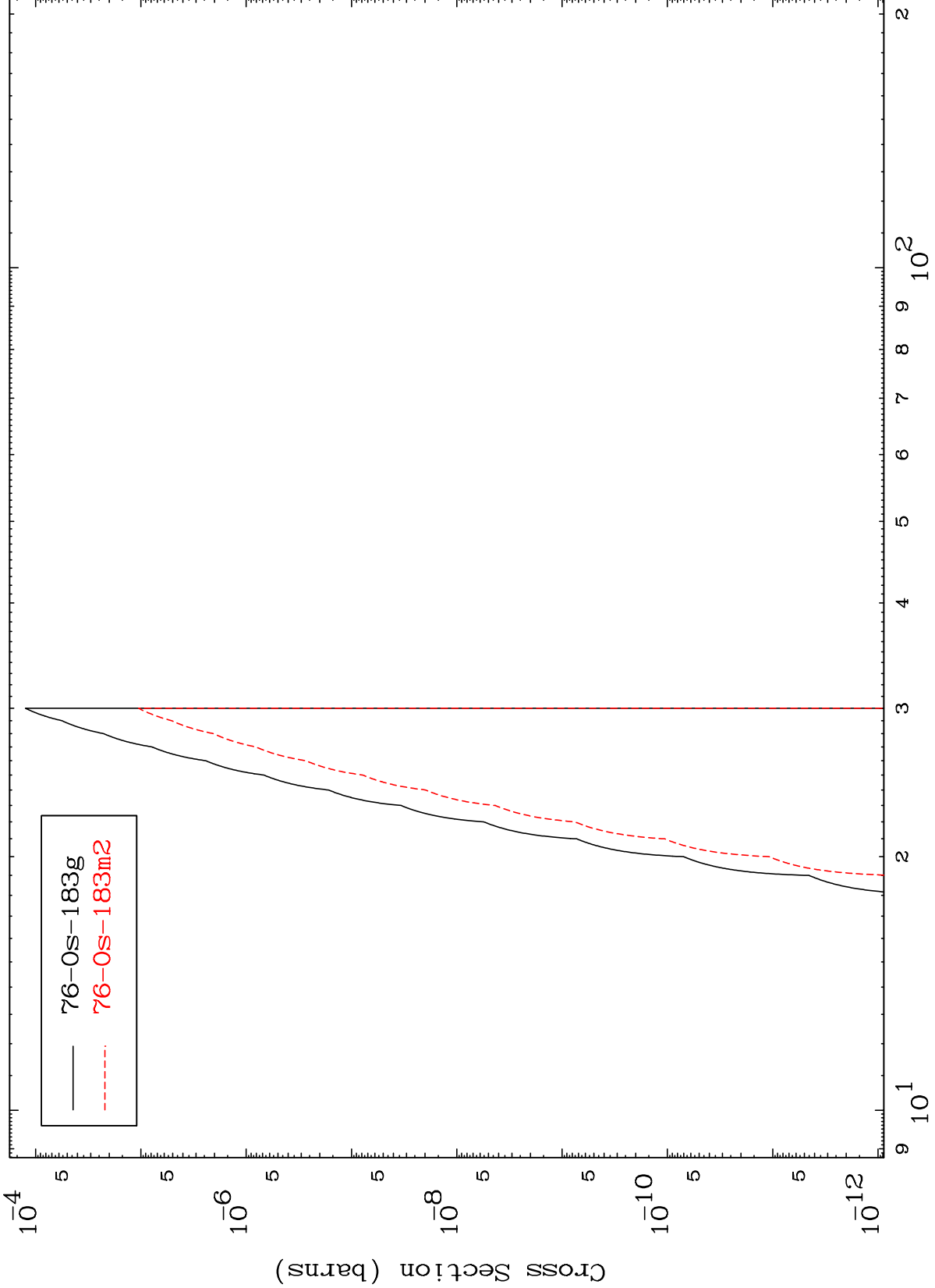
78-Pt-186

MAT 7813

(n,n') He-3

78-Pt-186

Radionuclide Production Cross Section



115

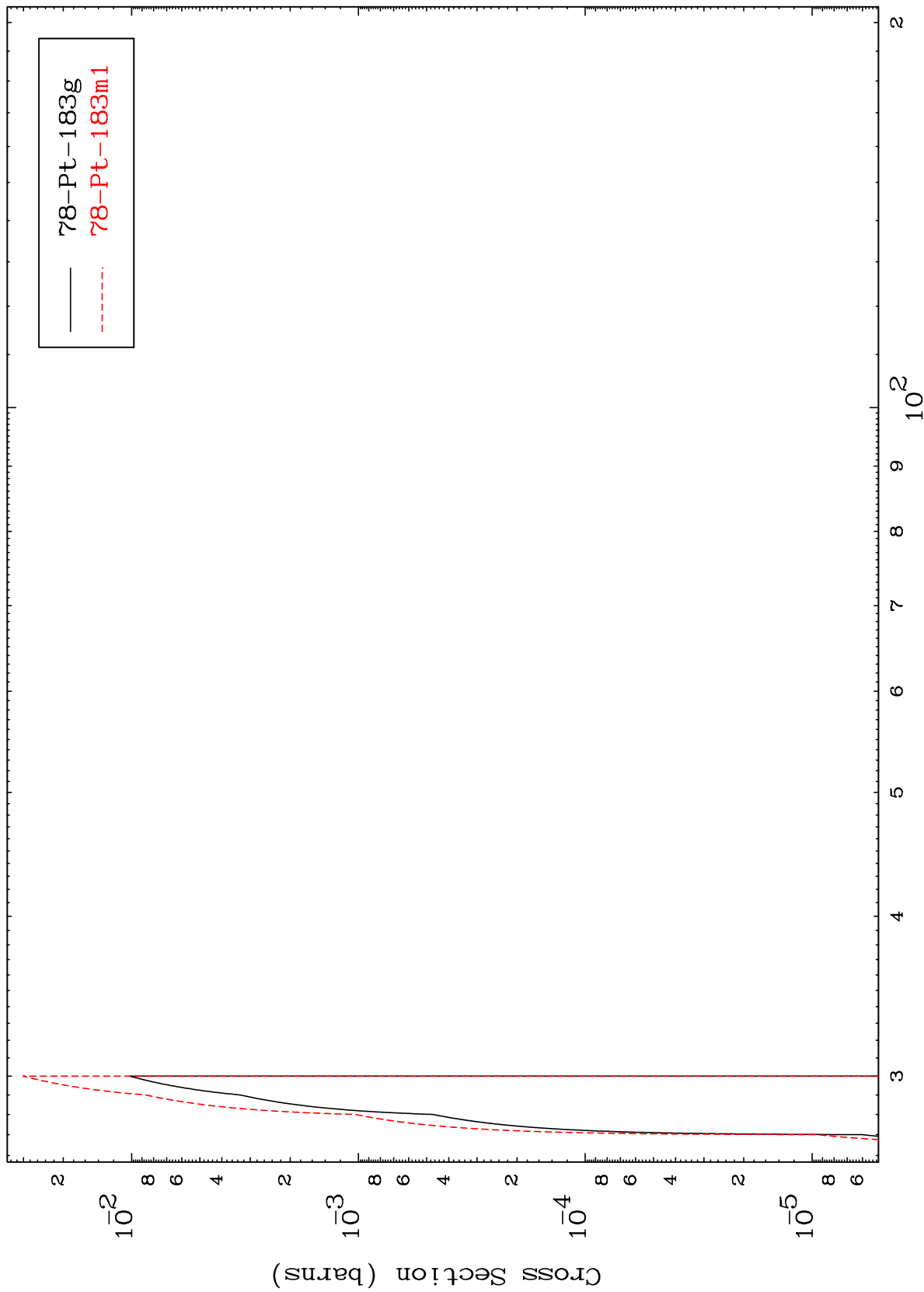
Incident Energy (MeV)

78-Pt-186

MAT 7813

78-Pt-186

(n,4n)
Radionuclide Production Cross Section



116

78-Pt-186

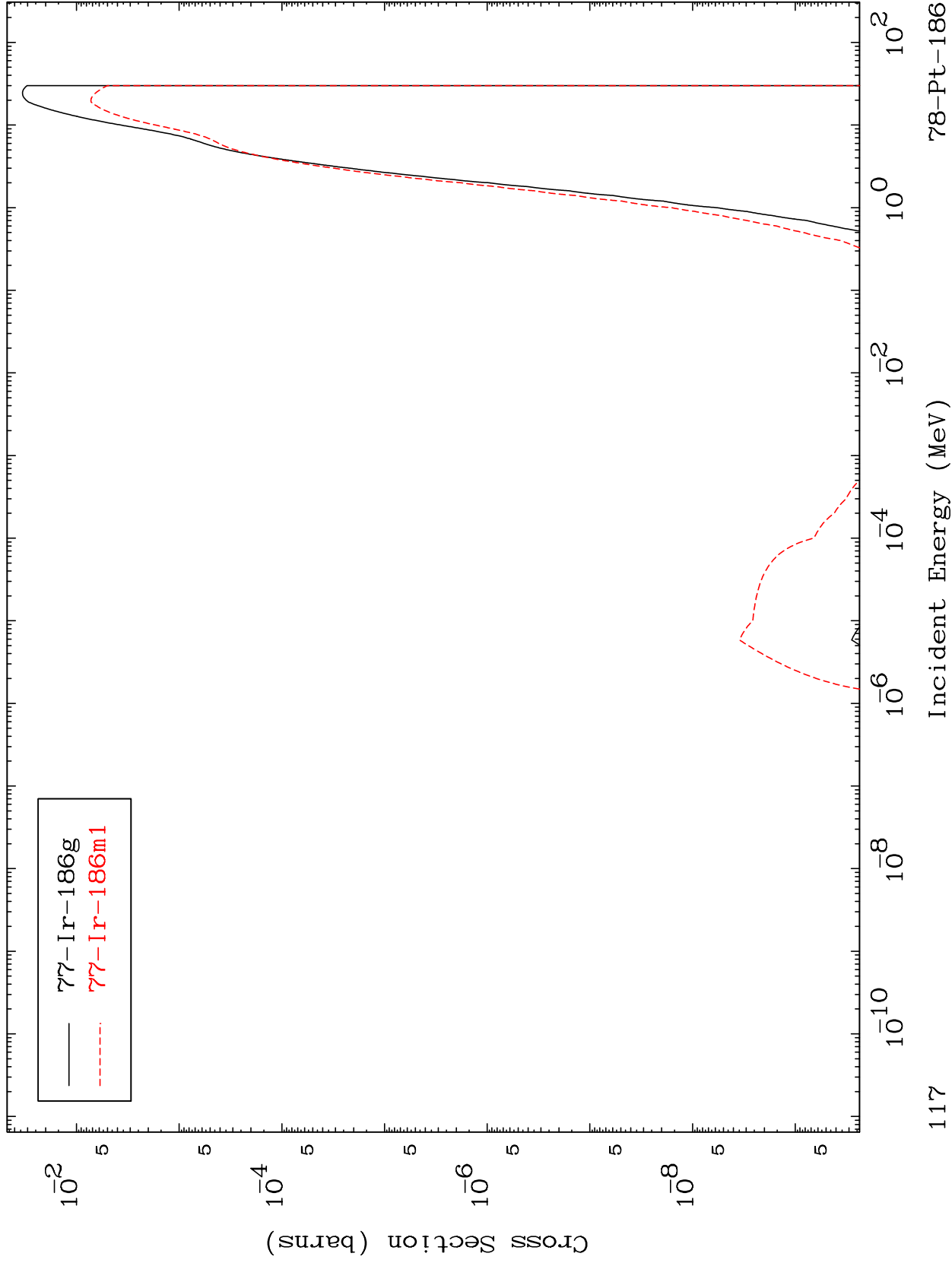
Incident Energy (MeV)

MAT 7813

(n,p)

78-Pt-186

Radionuclide Production Cross Section

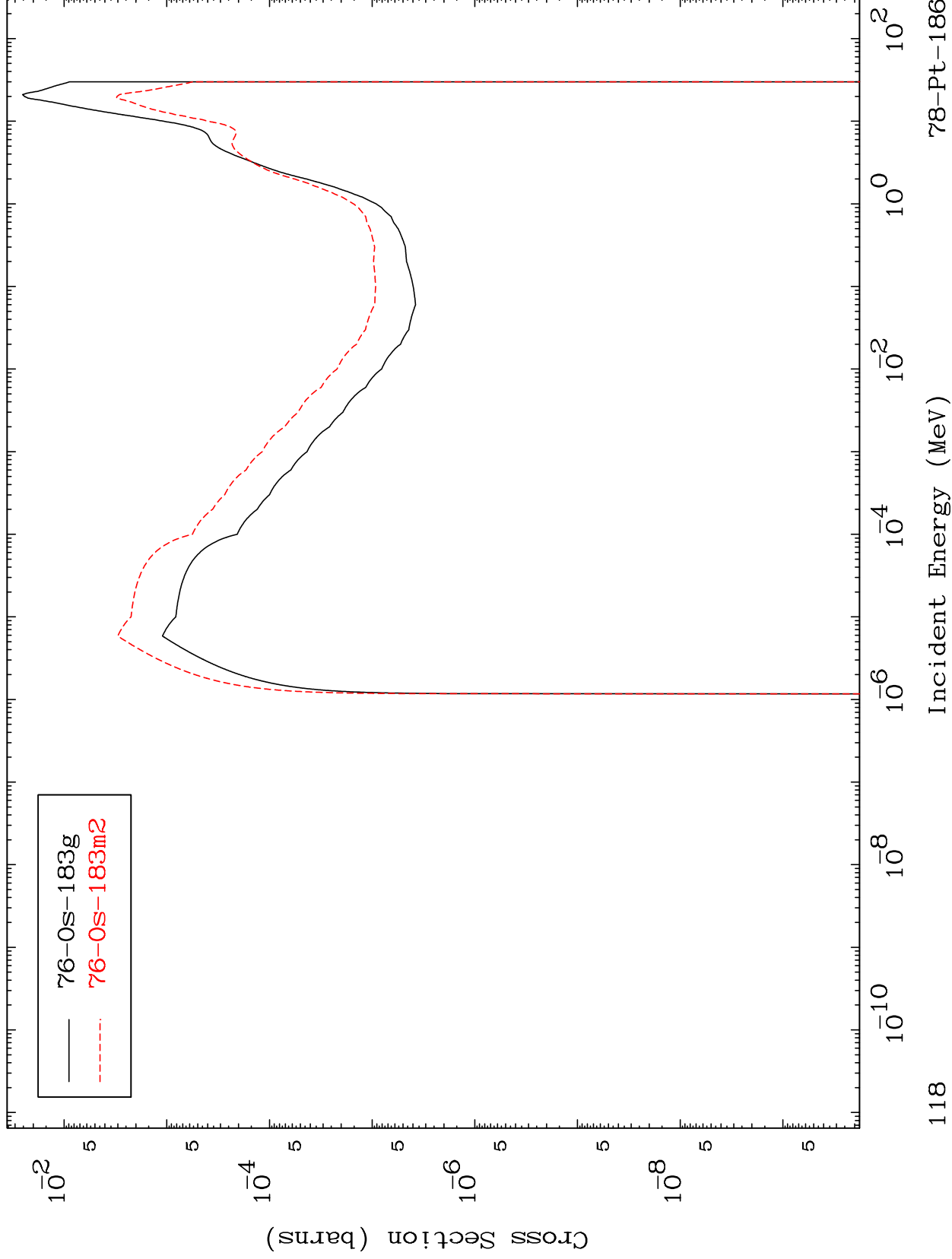


MAT 7813

(n, α)

78-Pt-186

Radionuclide Production Cross Section



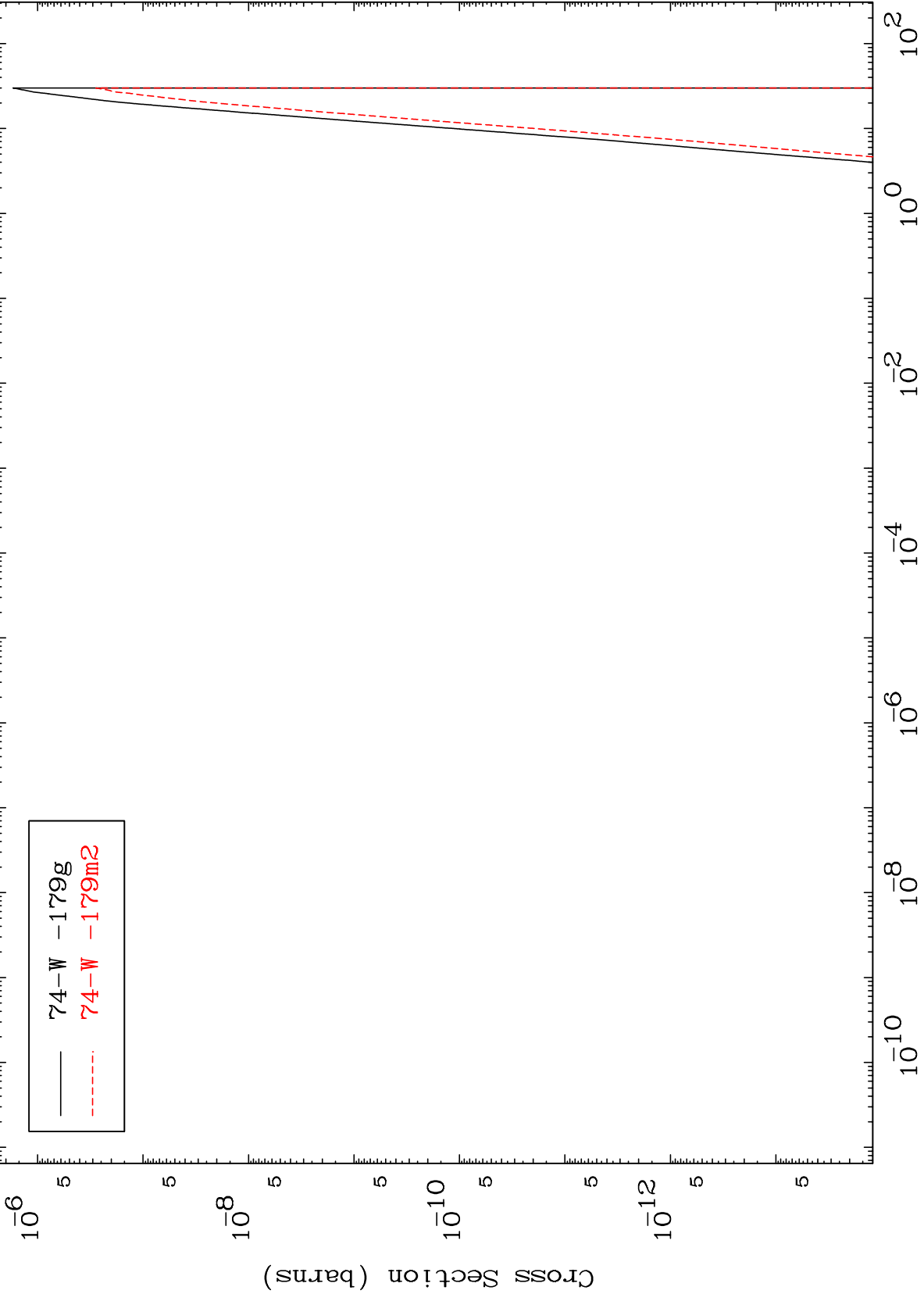
118

MAT 7813

(n,2α)

78-Pt-186

Radionuclide Production Cross Section



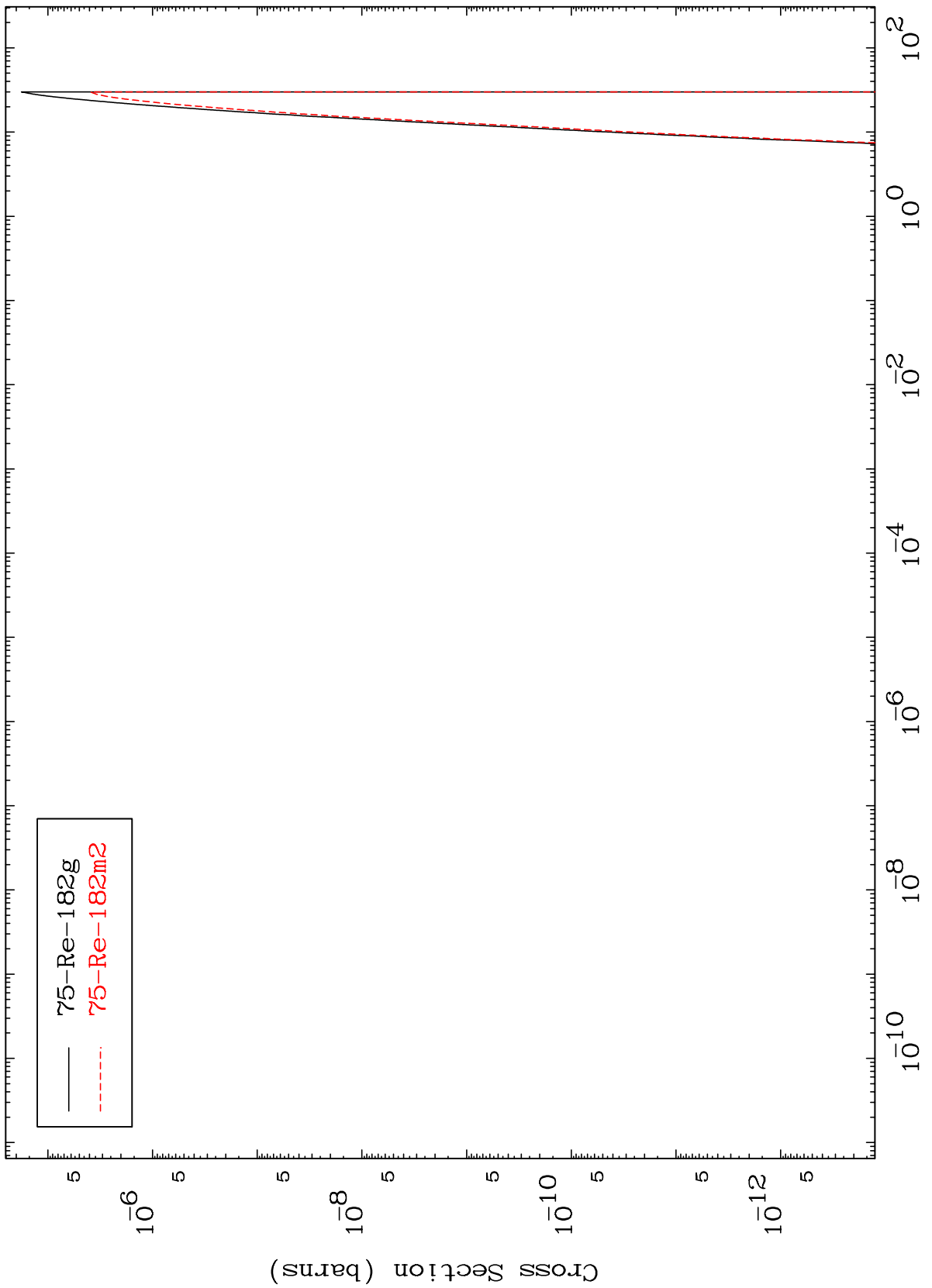
78-Pt-186

MAT 7813

(n,p) α

78-Pt-186

Radionuclide Production Cross Section



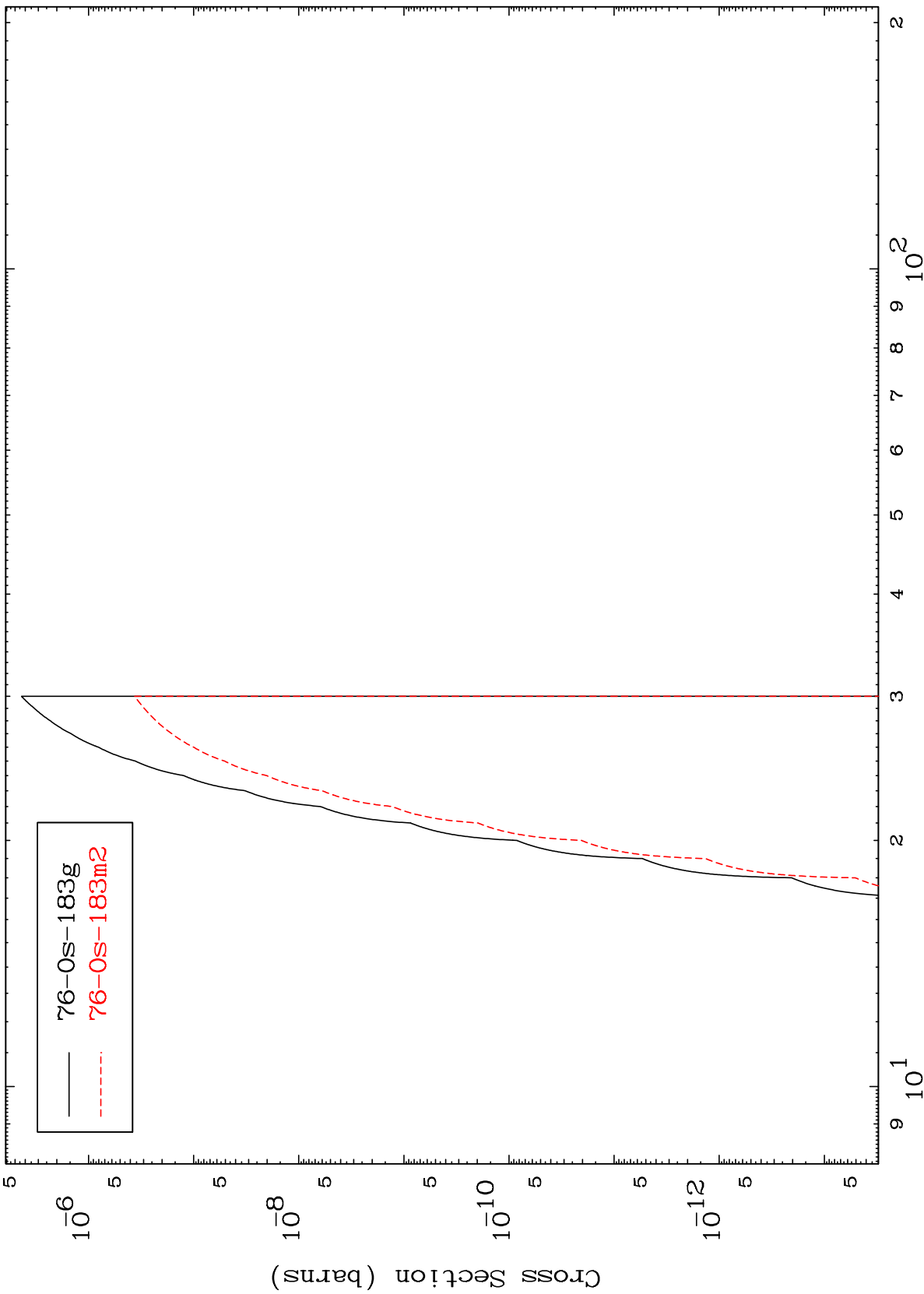
75-Re-182g
75-Re-182m2

MAT 7813

(n,p) t

78-Pt-186

Radionuclide Production Cross Section



76-0s-183g
76-0s-183m2

121

Incident Energy (MeV)

78-Pt-186