

Program EVALPLOT  
(Version 2017-1)

by

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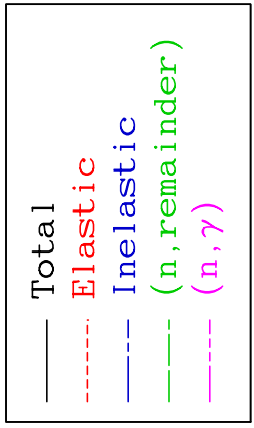
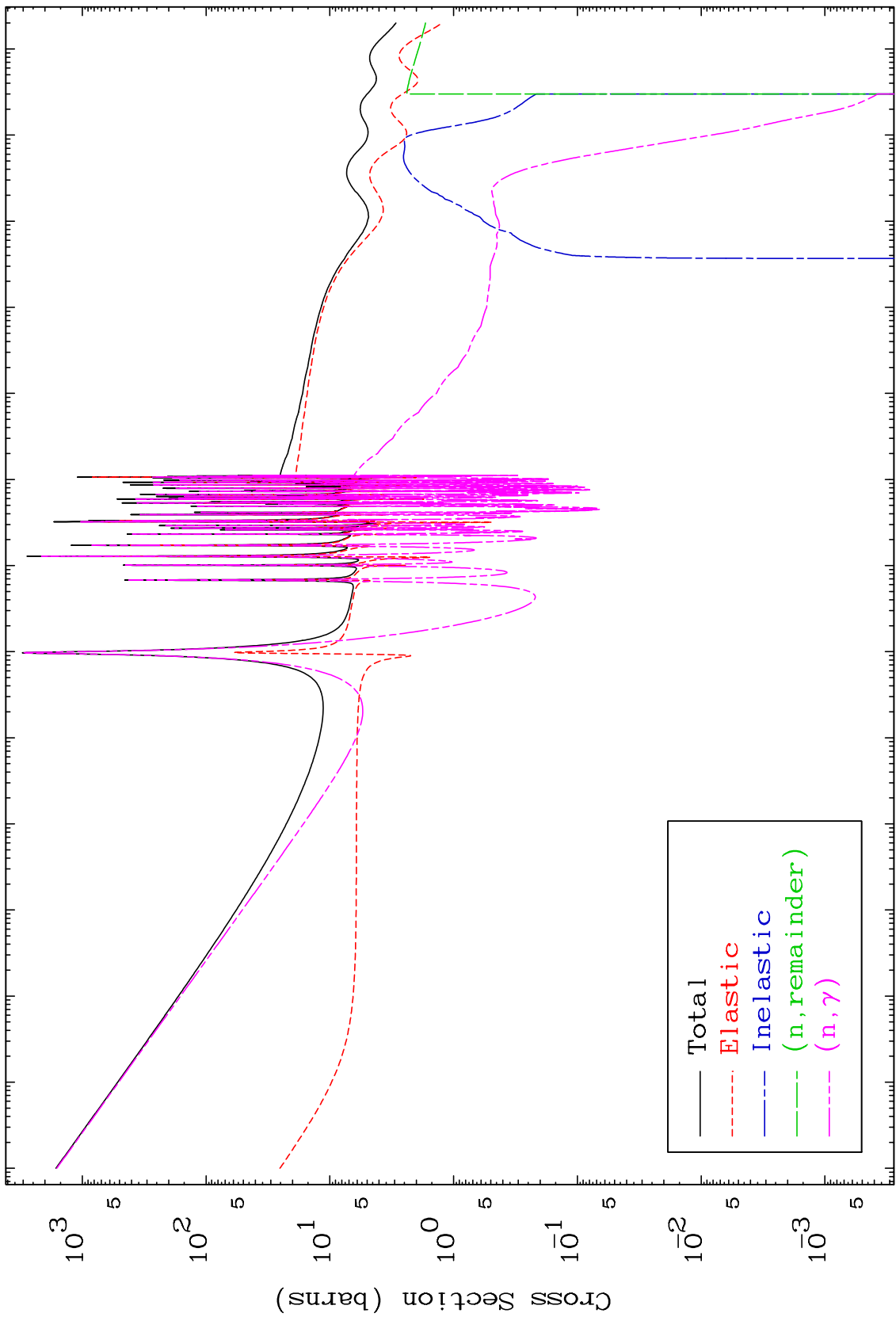
Press Mouse Button to Start

MAT 81113

Major

81-Tl-199

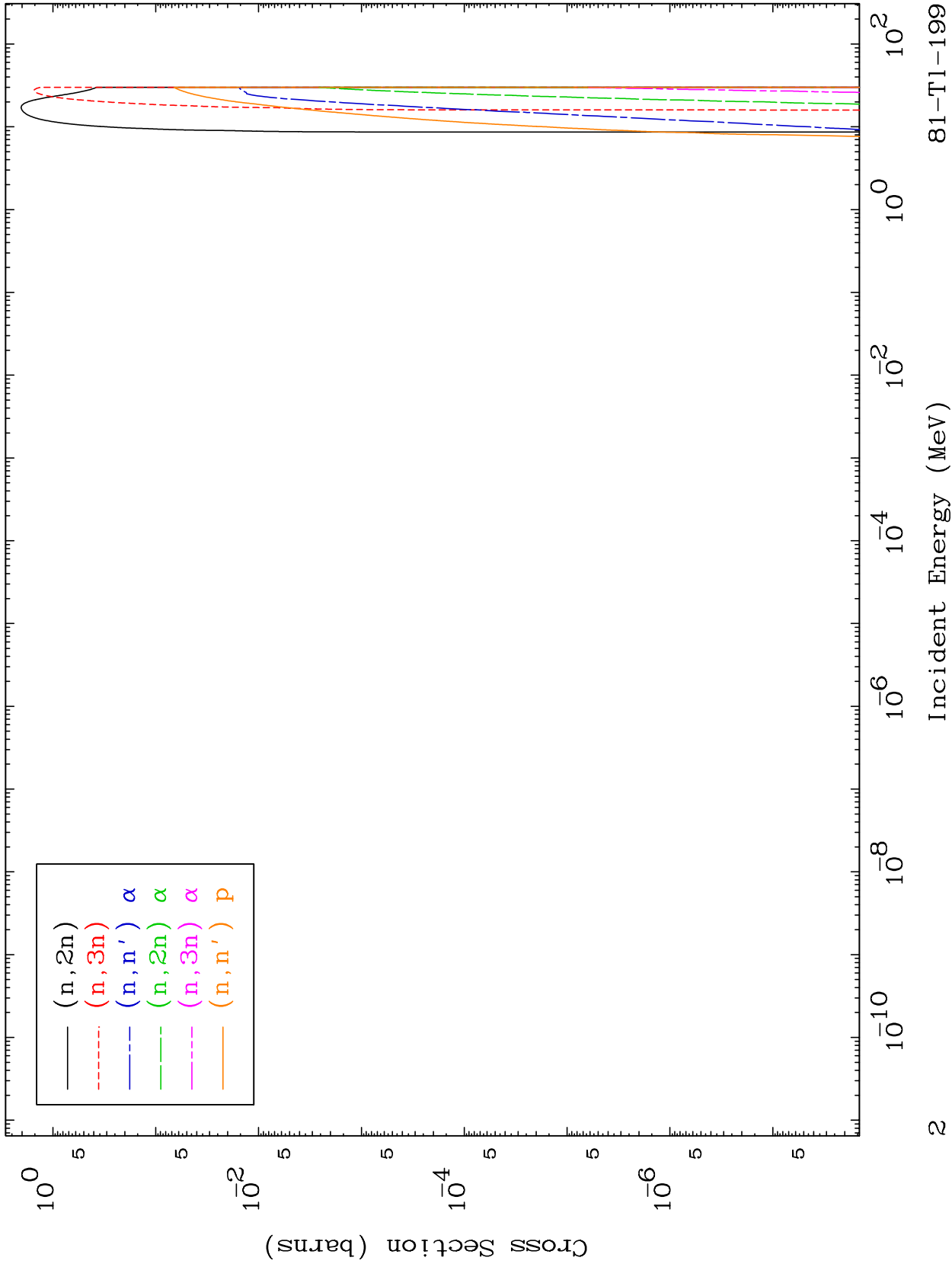
293 Kelvin Cross Sections

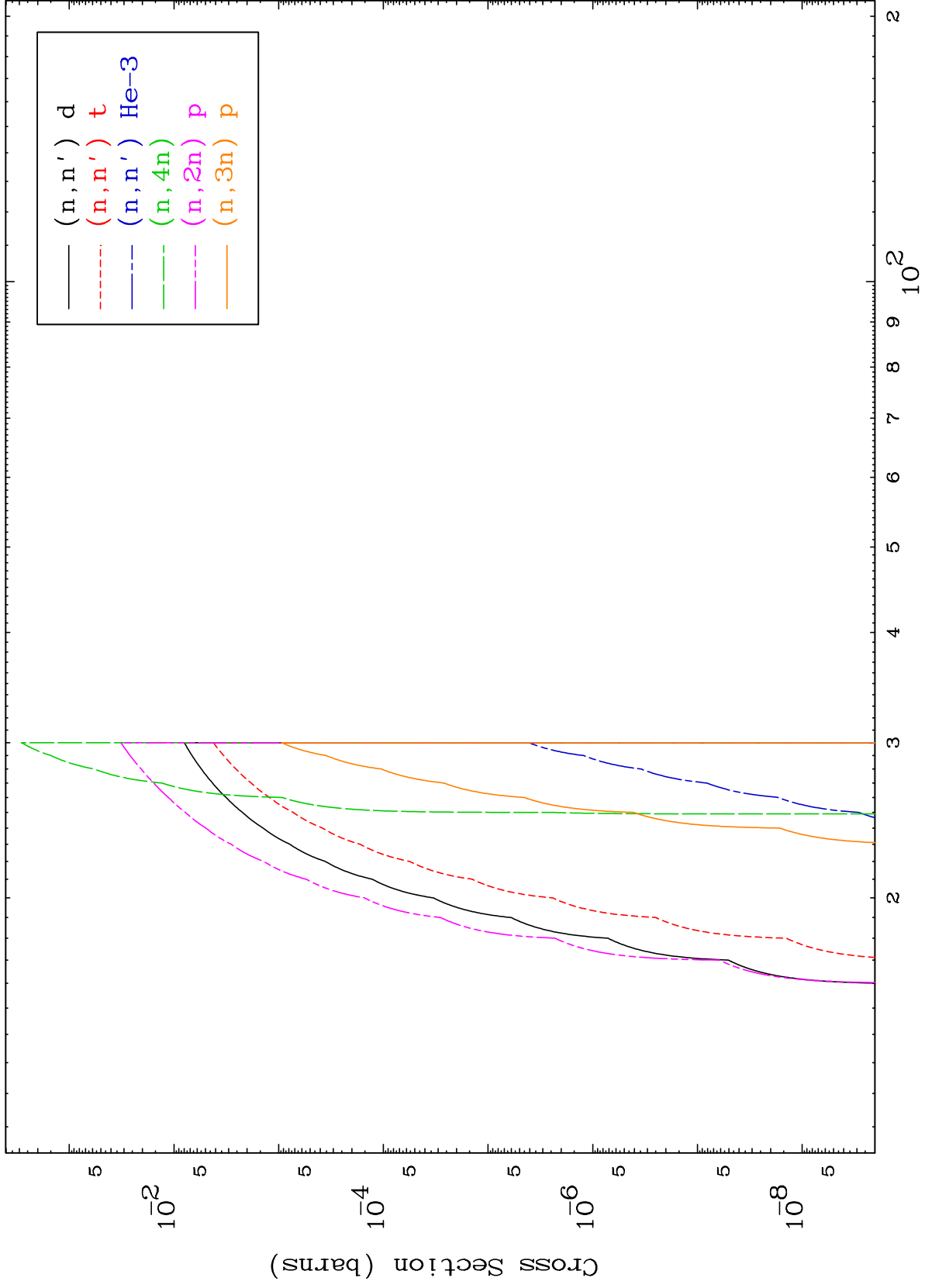


MAT 81113

Neutron Production  
293 Kelvin Cross Sections

81-Tl-199

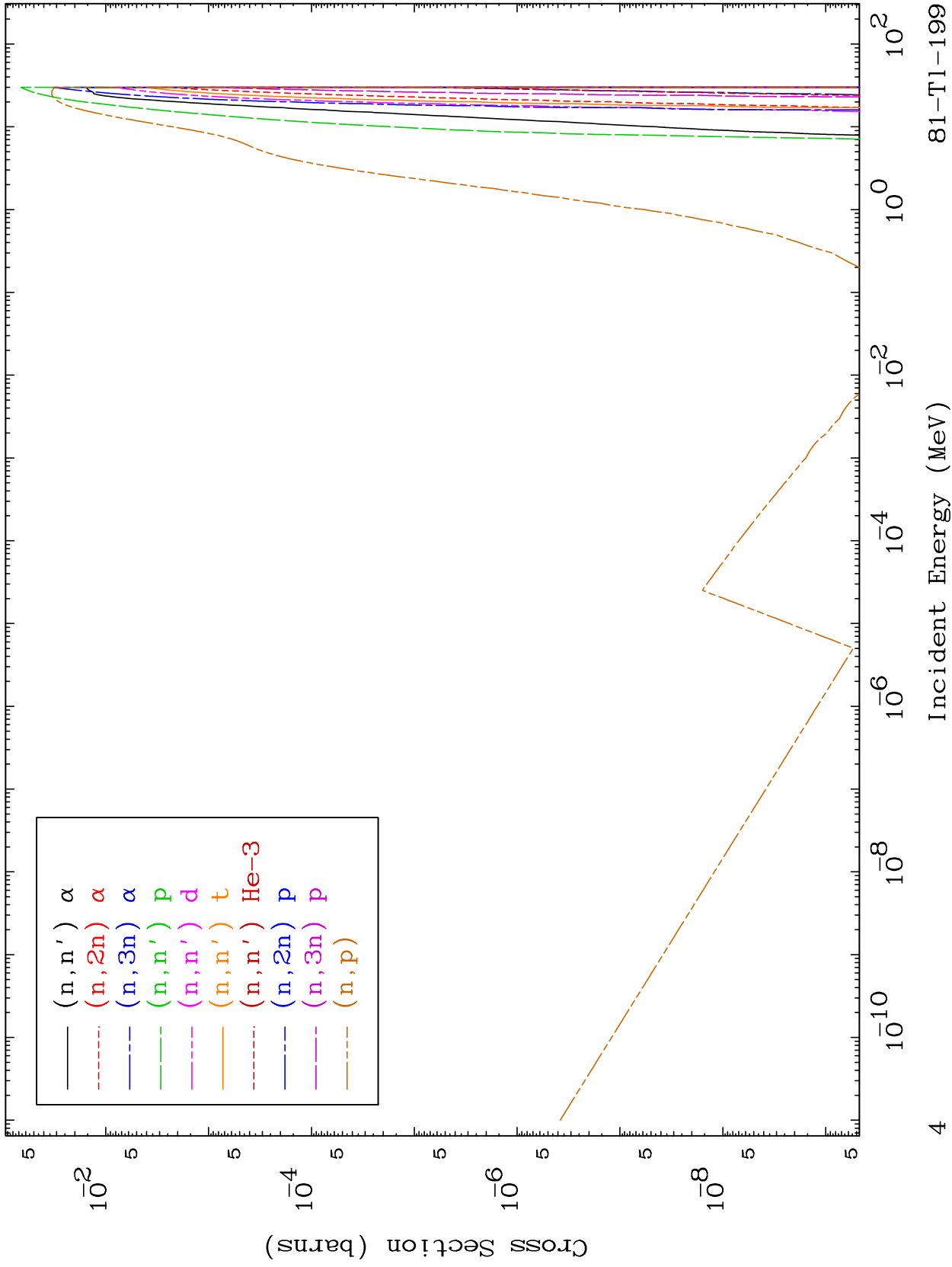




MAT 8113

Charged Particle  
293 Kelvin Cross Sections

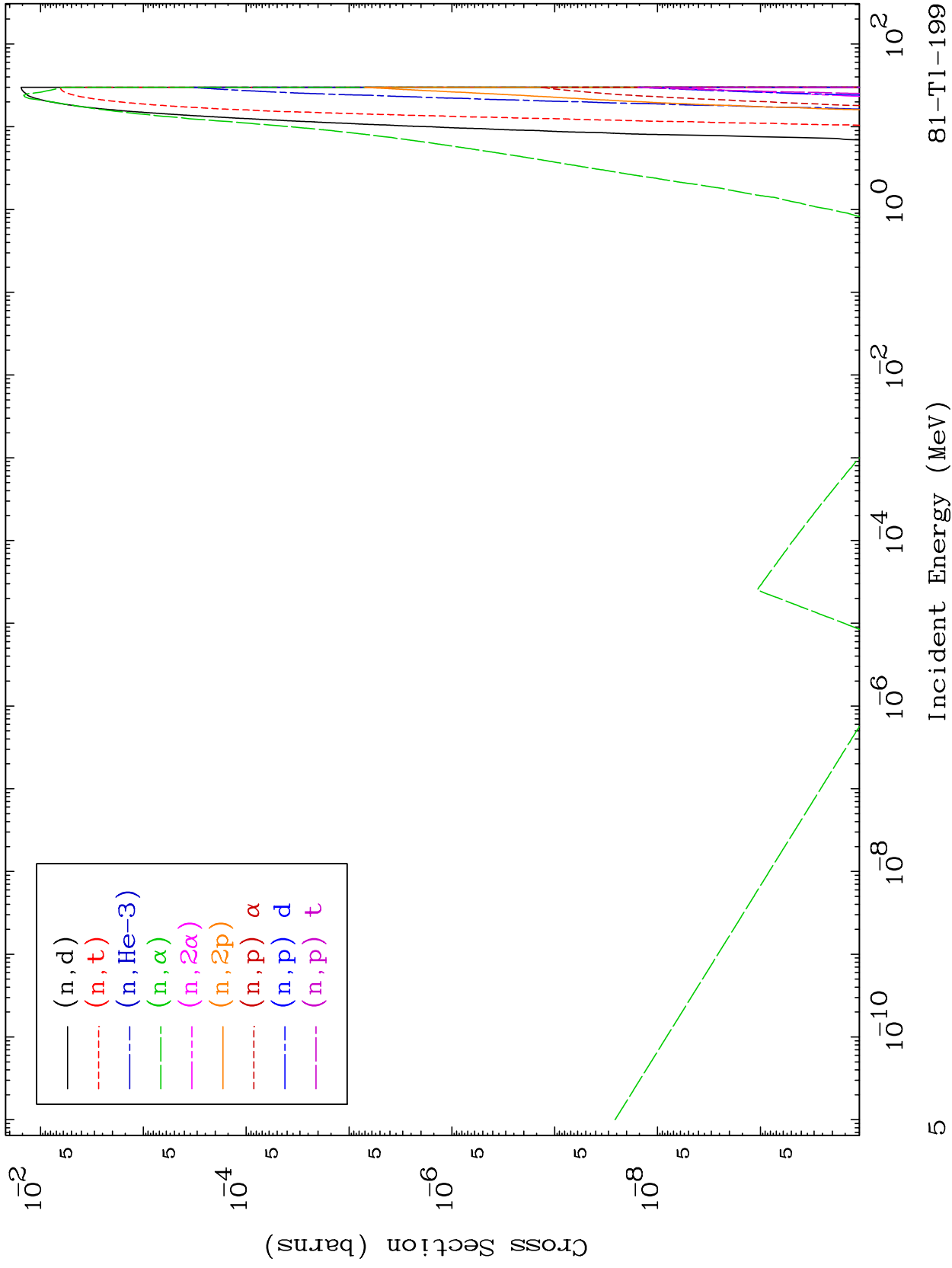
81-Tl-199



MAT 8113

Charged Particle  
293 Kelvin Cross Sections

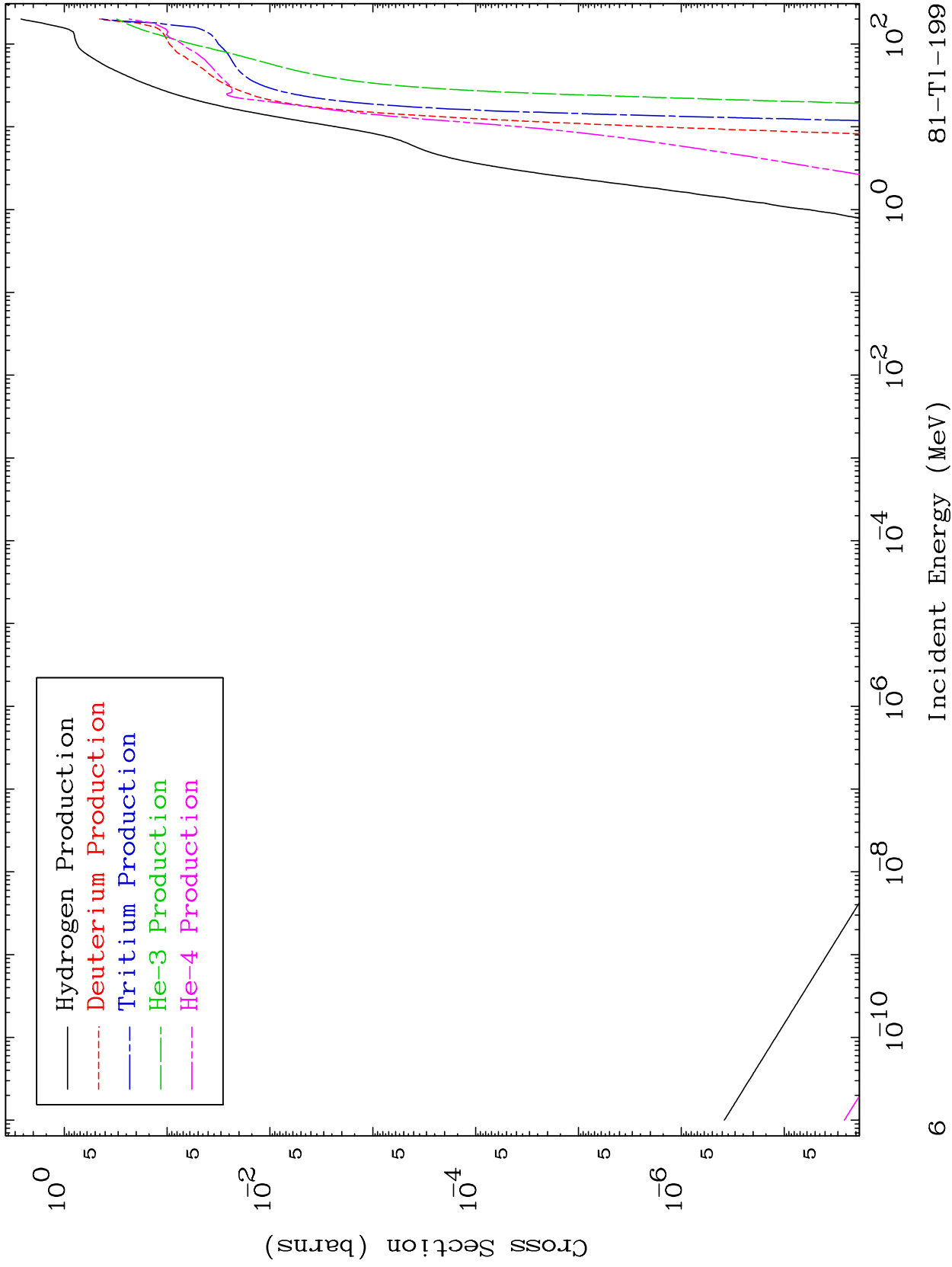
81-Tl-199



5

Incident Energy (MeV)

81-Tl-199

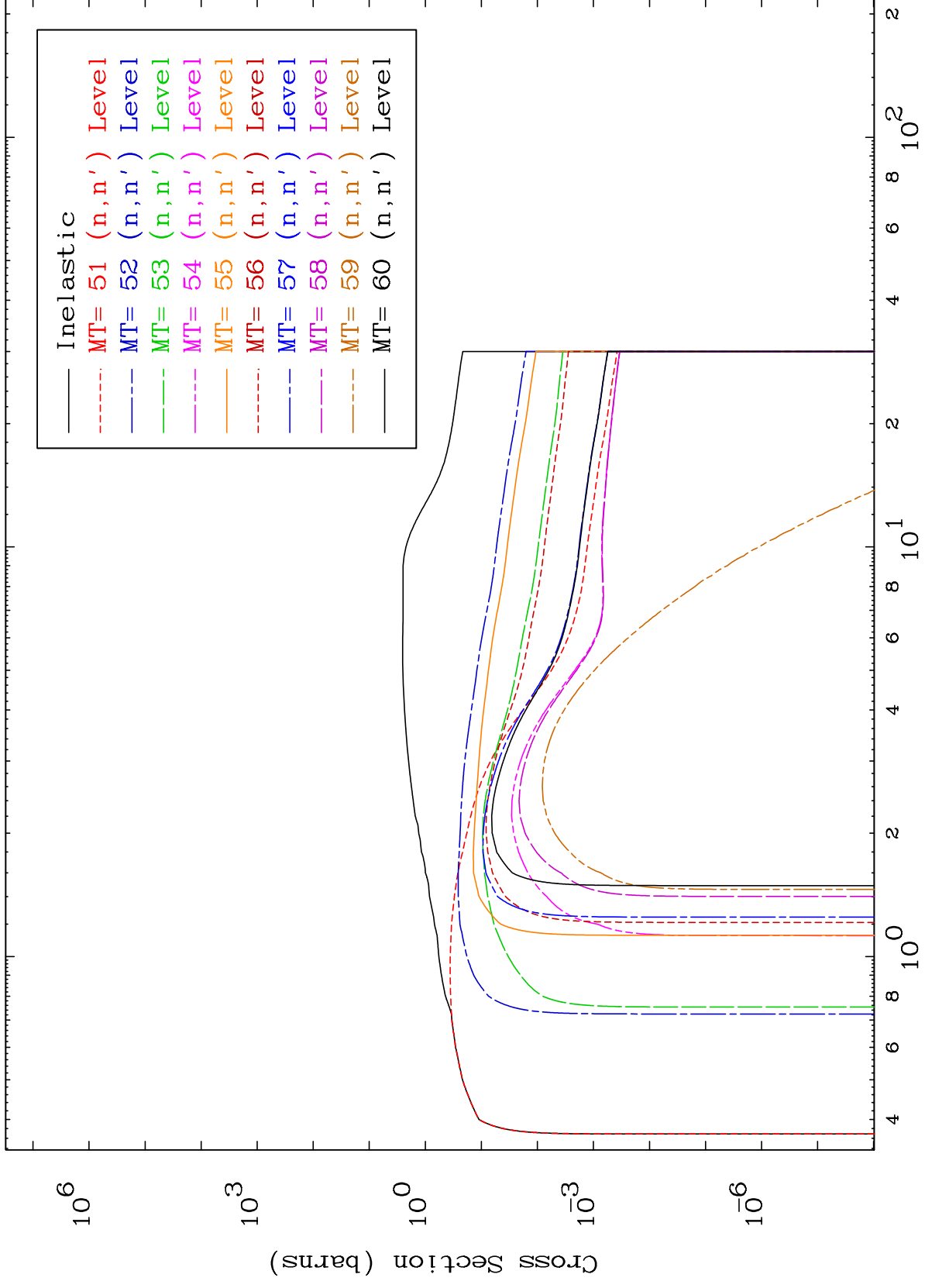


MAT 81113

(n,n') Level

81-T1-199

293 Kelvin Cross Sections



Incident Energy (MeV)

81-T1-199

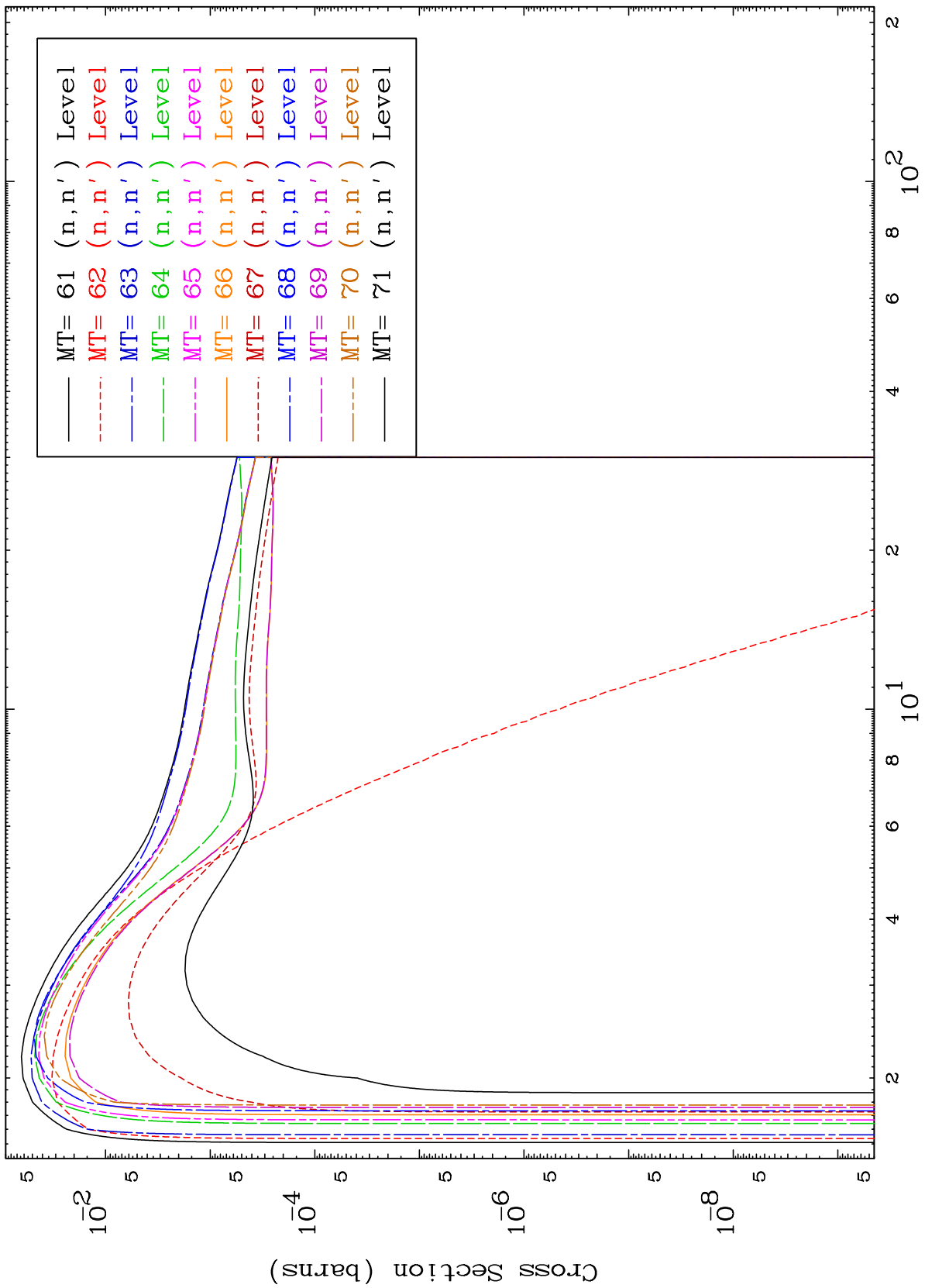


MAT 8113

(n,n') Level

81-Tl-199

293 Kelvin Cross Sections



8

Incident Energy (MeV)

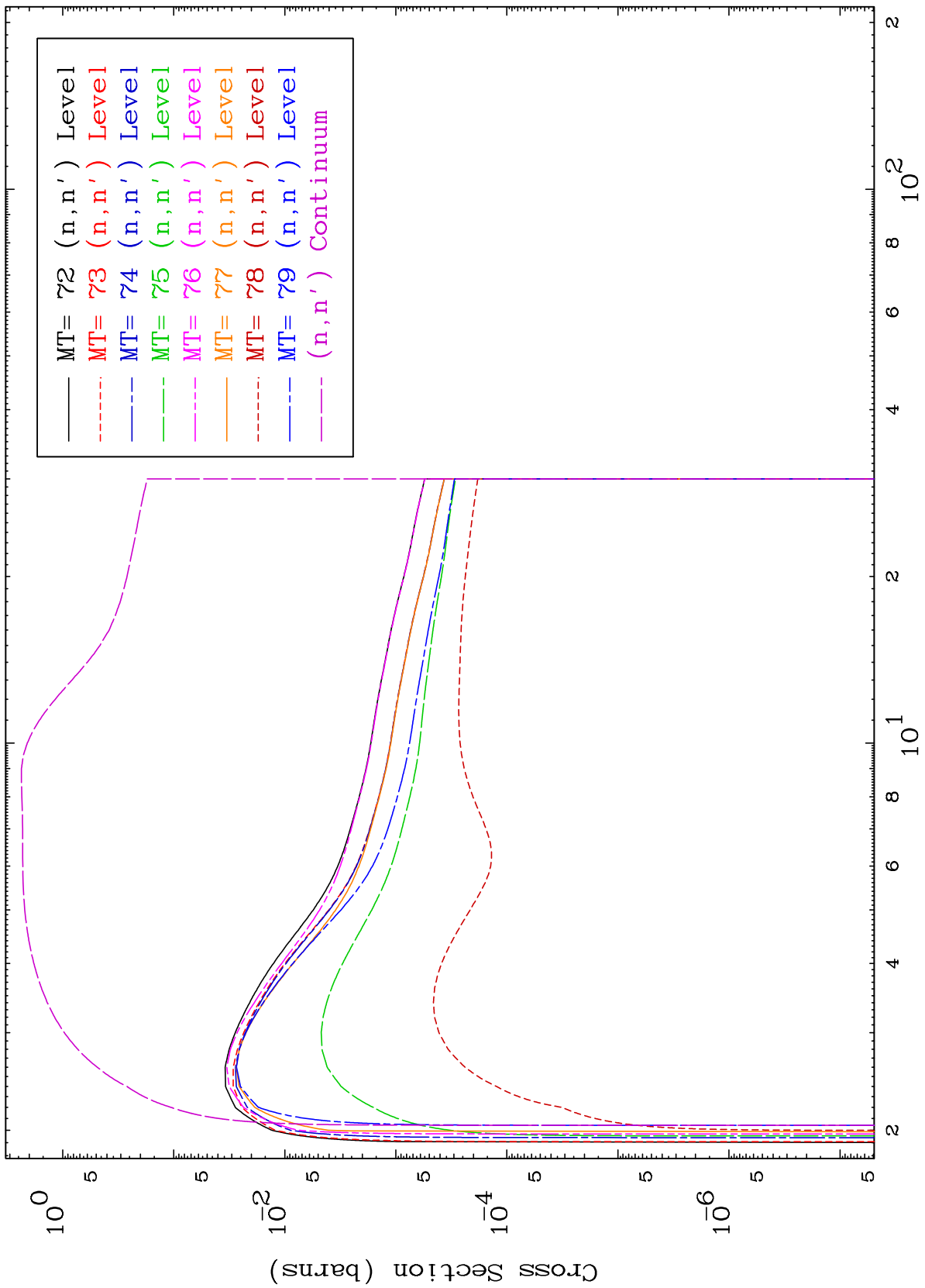
81-Tl-199

MAT 81113

(n,n') Level

81-Tl-199

293 Kelvin Cross Sections



9

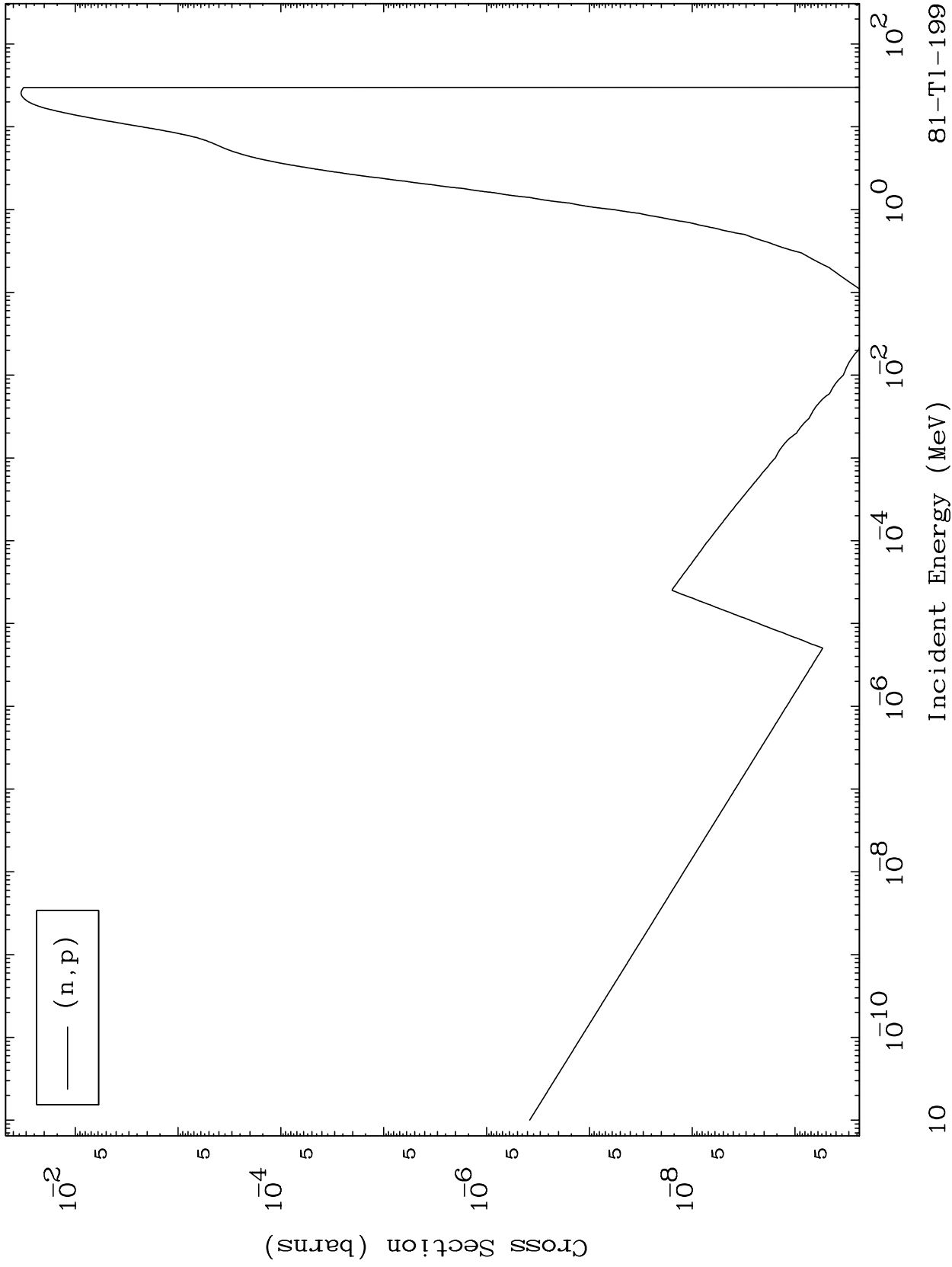
Incident Energy (MeV)

81-Tl-199

MAT 81113

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-199



10

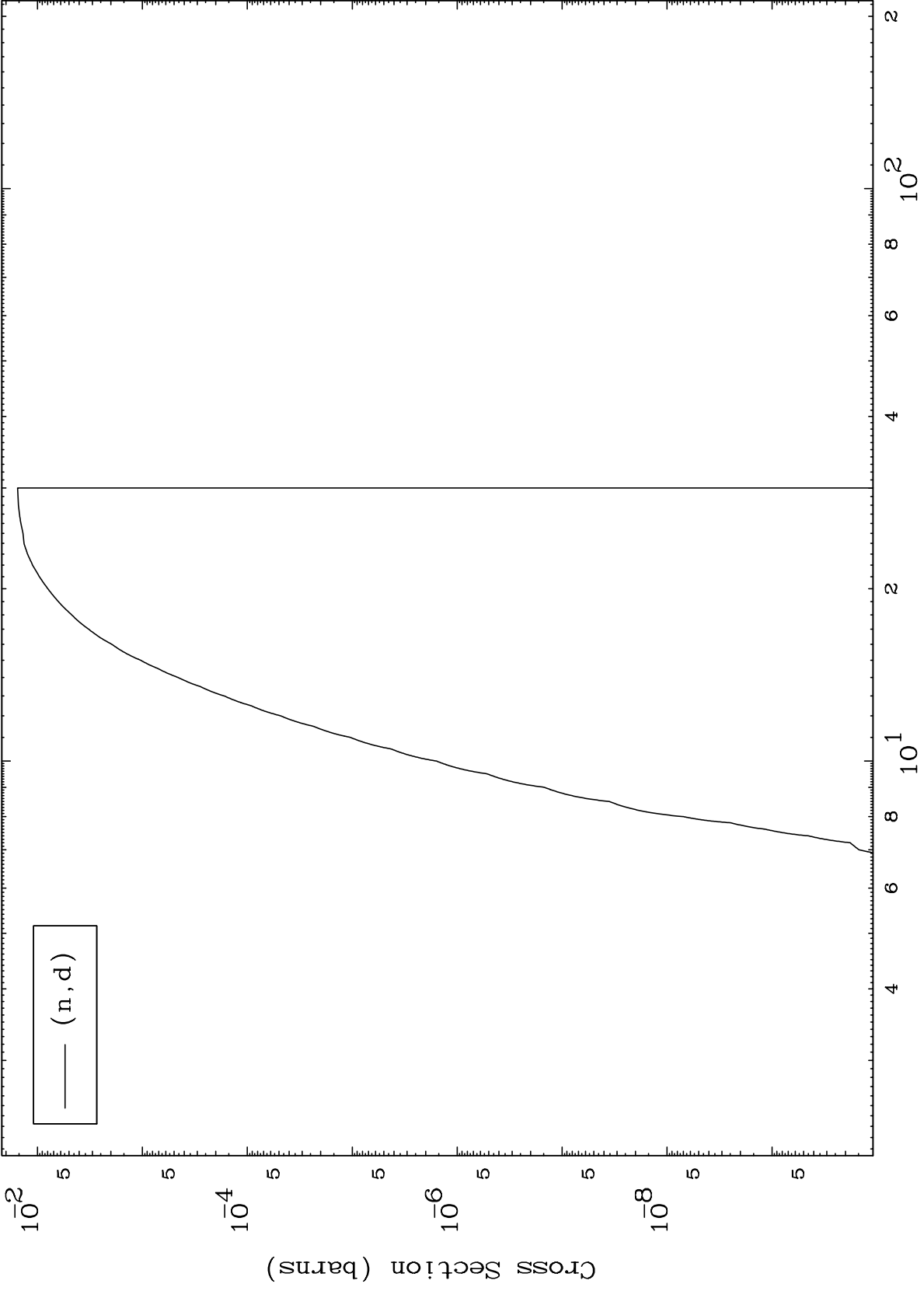
Incident Energy (MeV)

81-Tl-199

MAT 81113

(n,d) Levels  
293 Kelvin Cross Sections

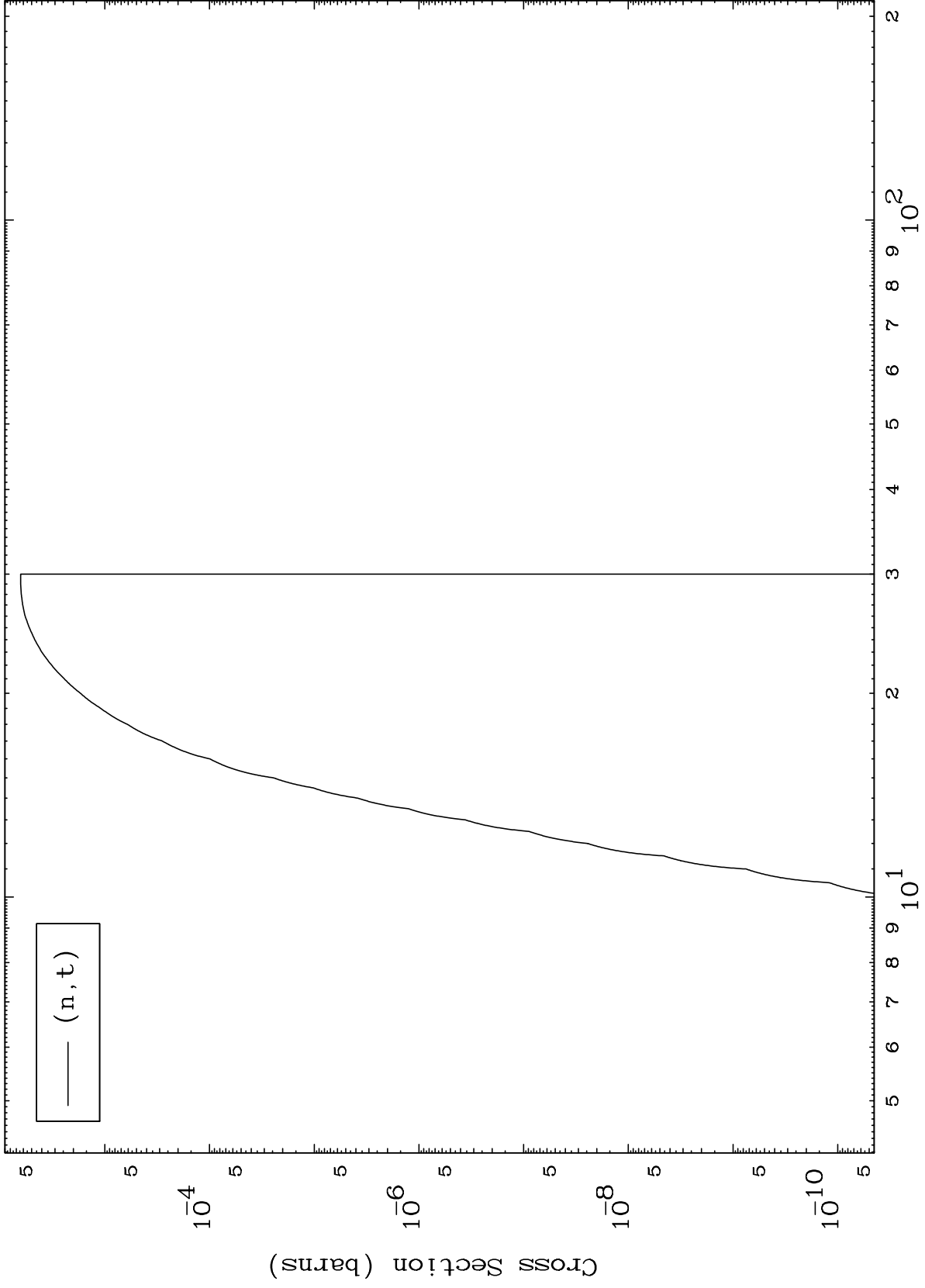
81-Tl-199



MAT 81113

(n,t) Levels  
293 Kelvin Cross Sections

81-T1-199



12

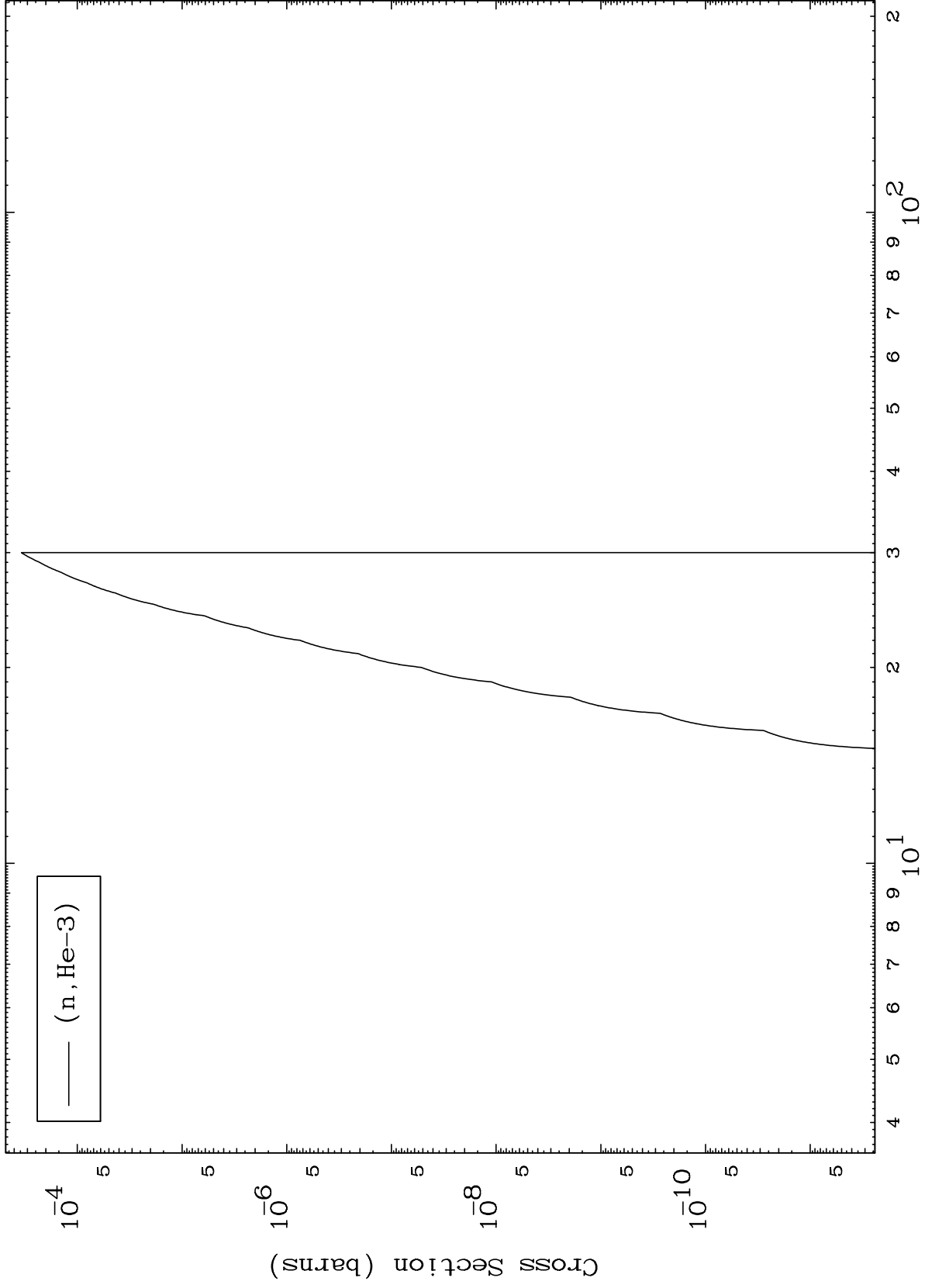
Incident Energy (MeV)

81-T1-199

MAT 81113

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-199



13

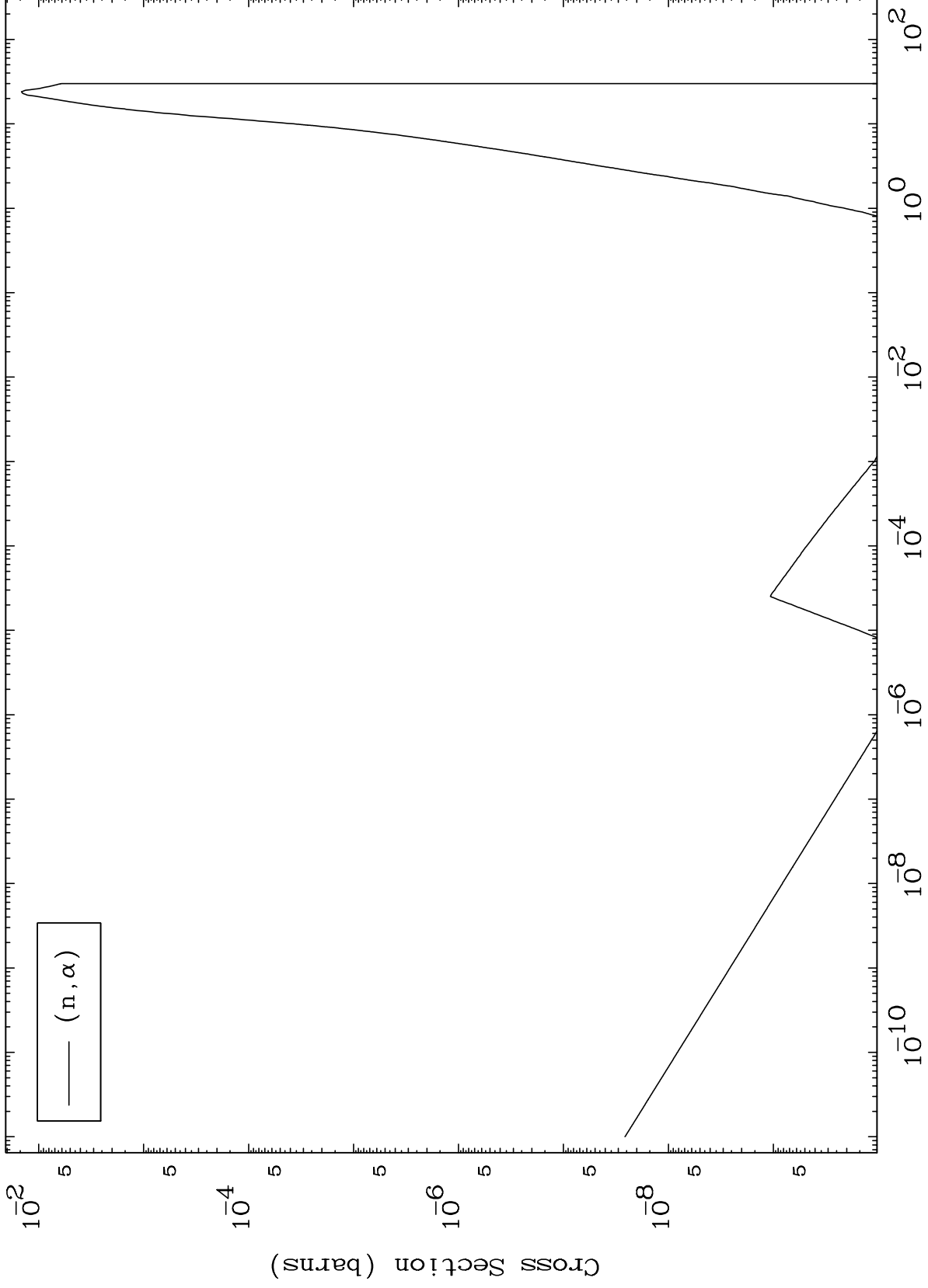
Incident Energy (MeV)

81-T1-199

MAT 81113

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

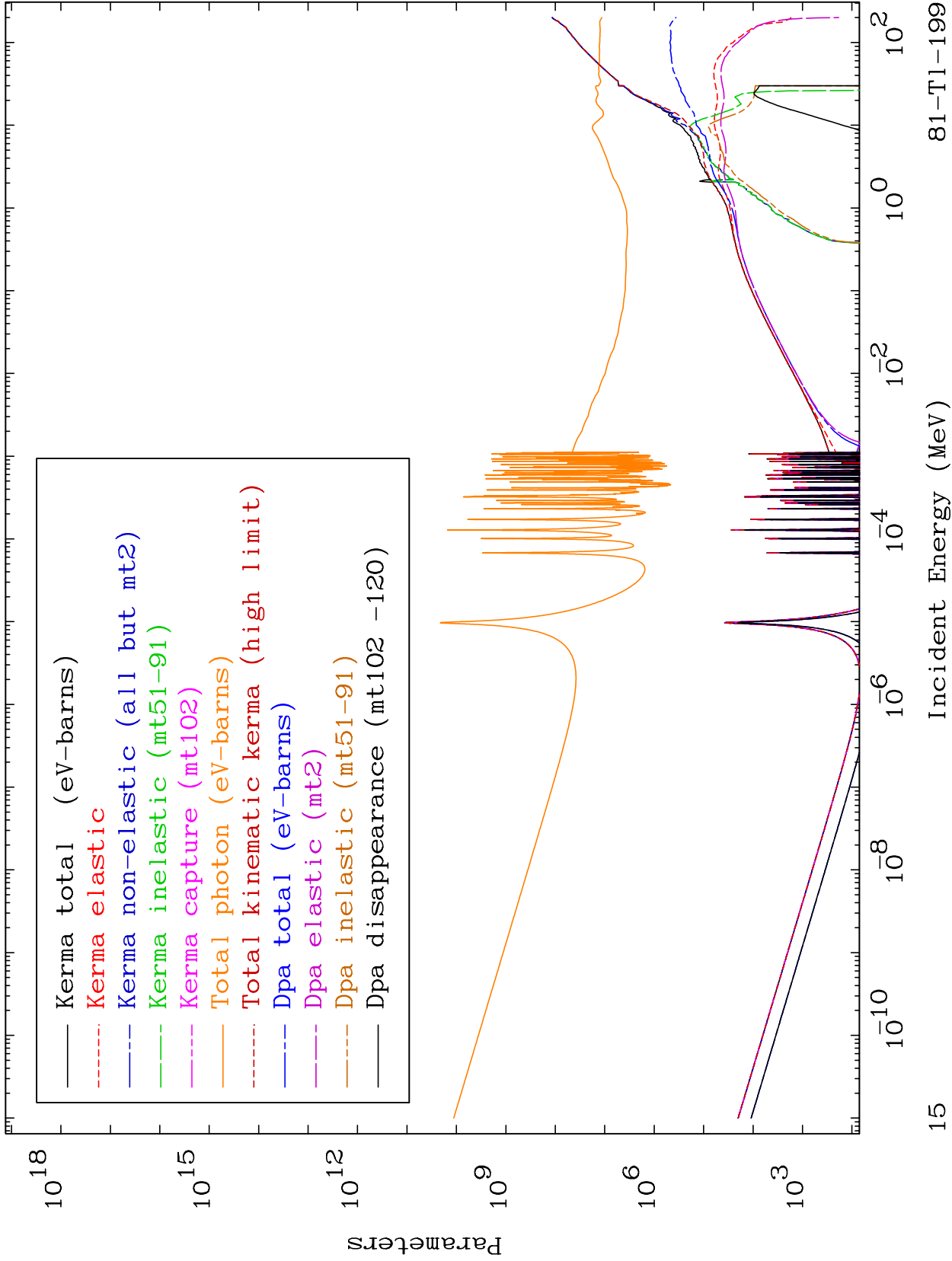
81-Tl-199



14

Incident Energy (MeV)

81-Tl-199

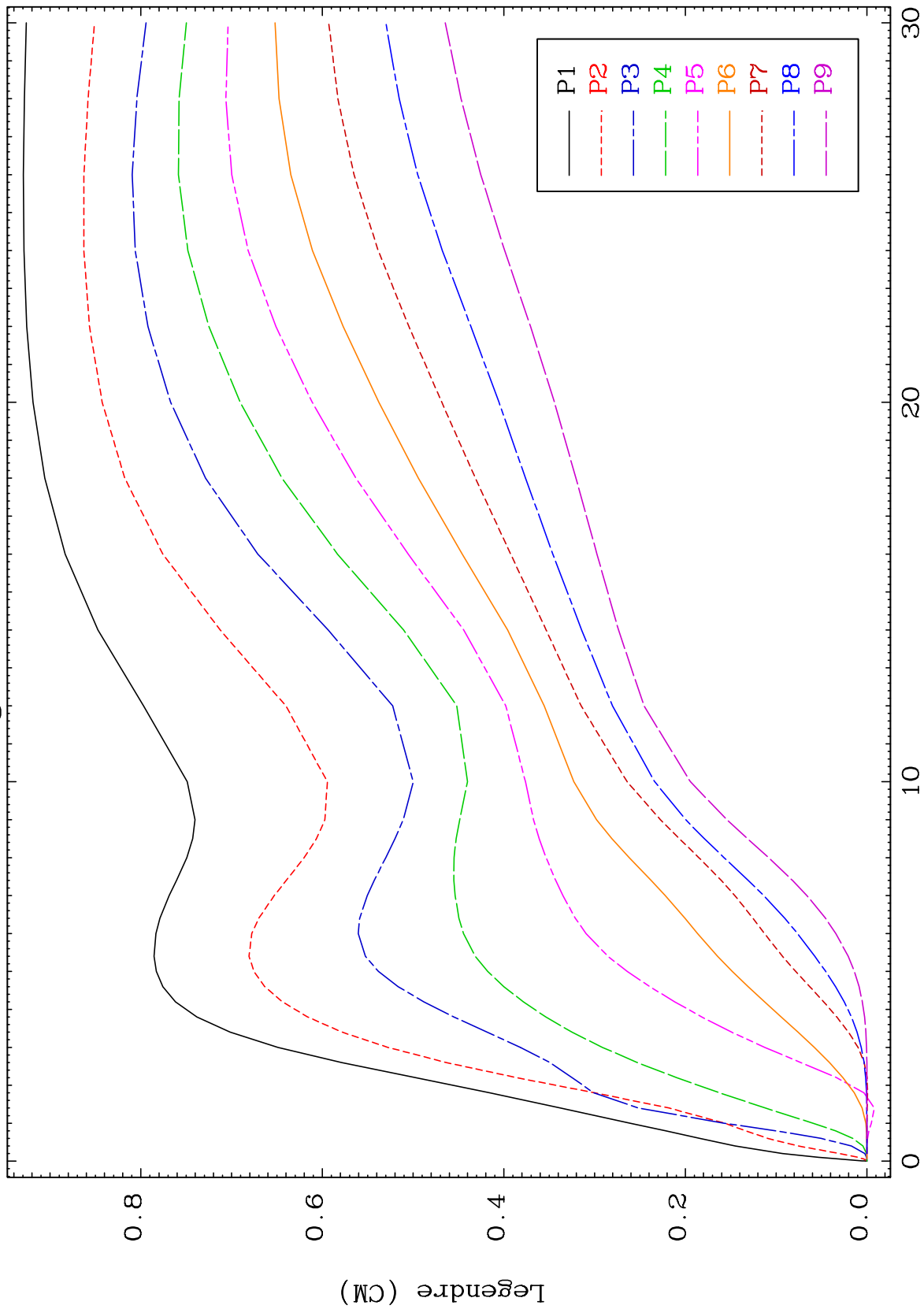




MAT 8113

Elastic Legendre Coefficients

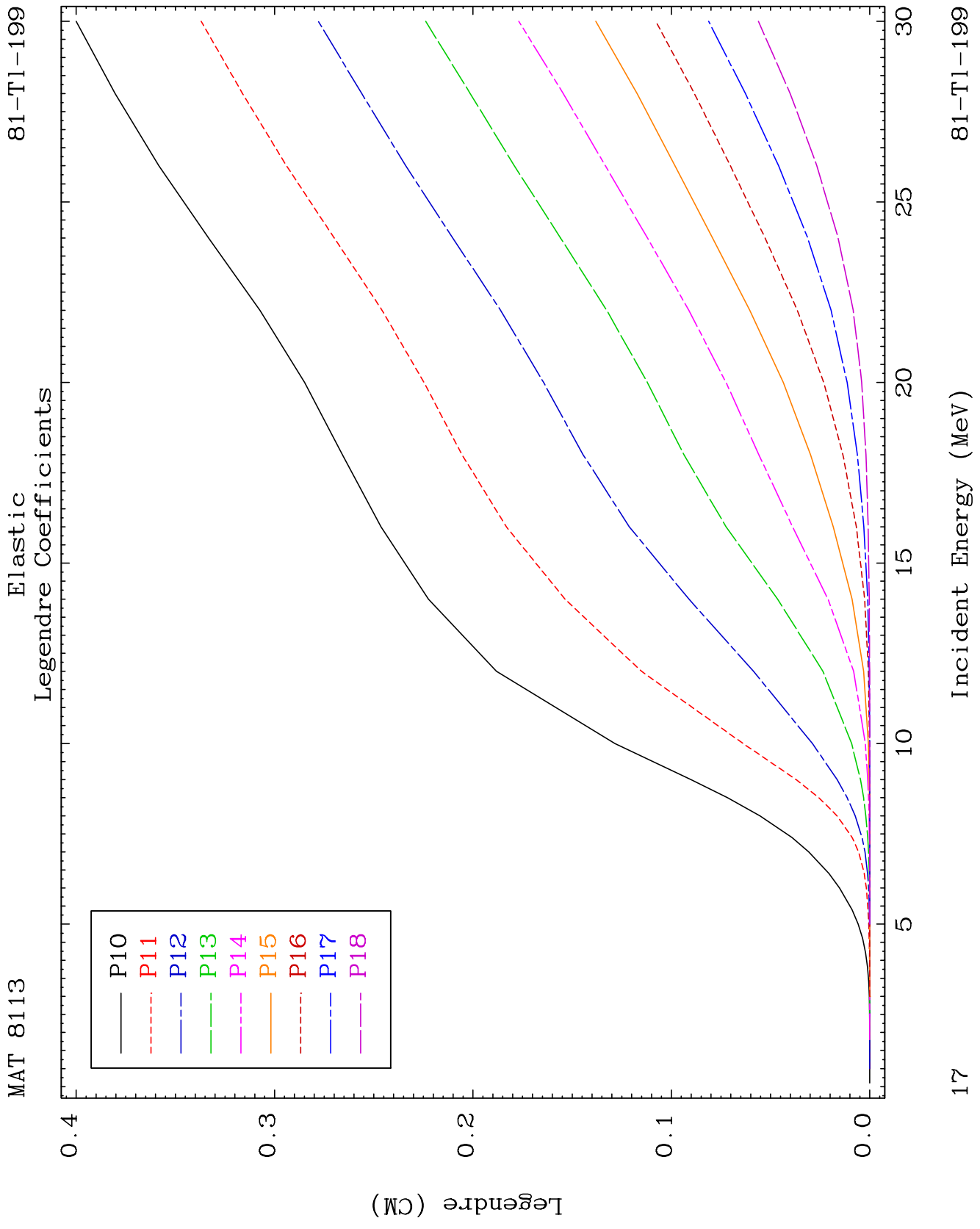
81-T1-199



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Incident Energy (MeV)

81-T1-199



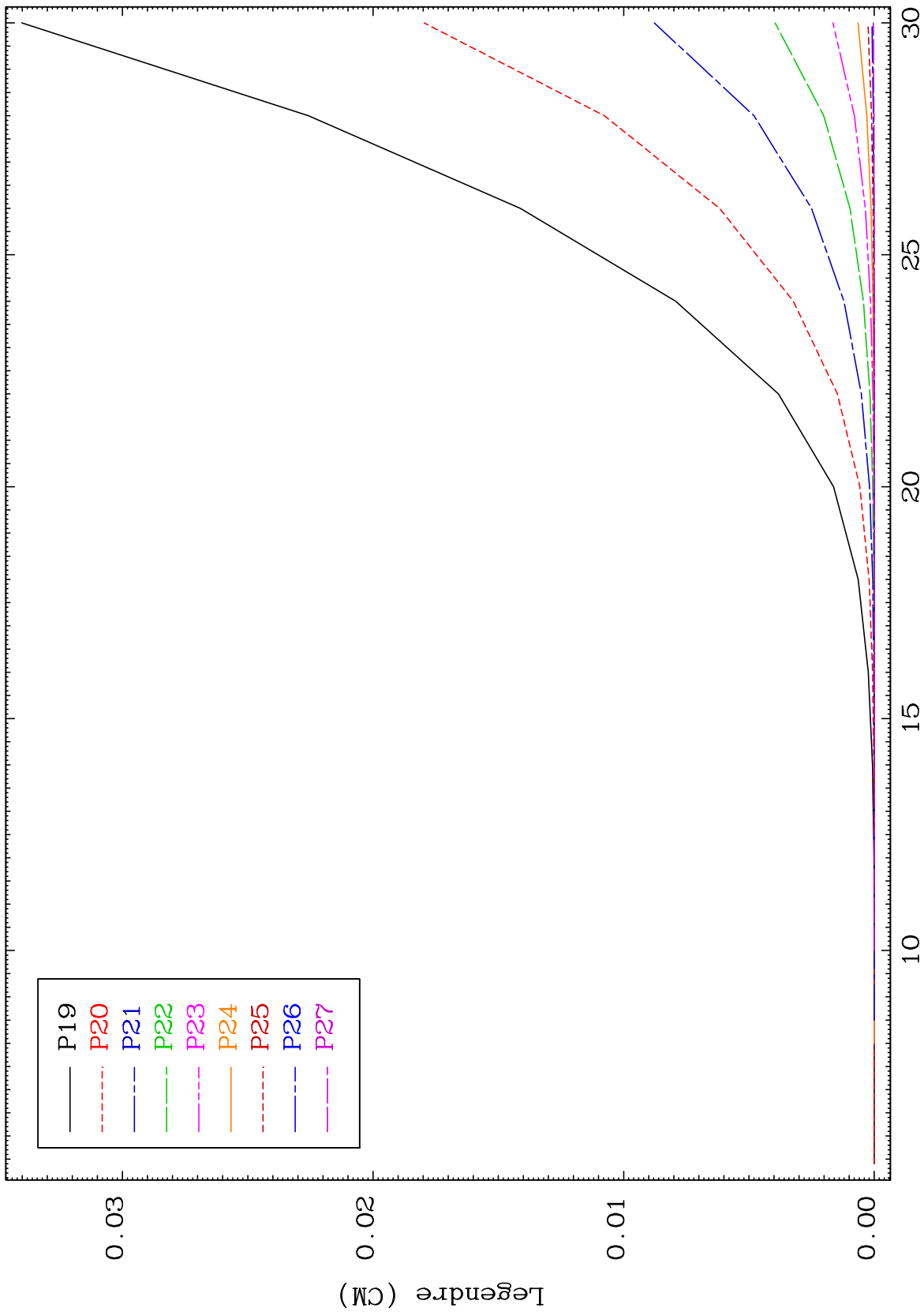
81-T1-199

81-T1-199

MAT 8113

### Elastic Legendre Coefficients

81-T1-199



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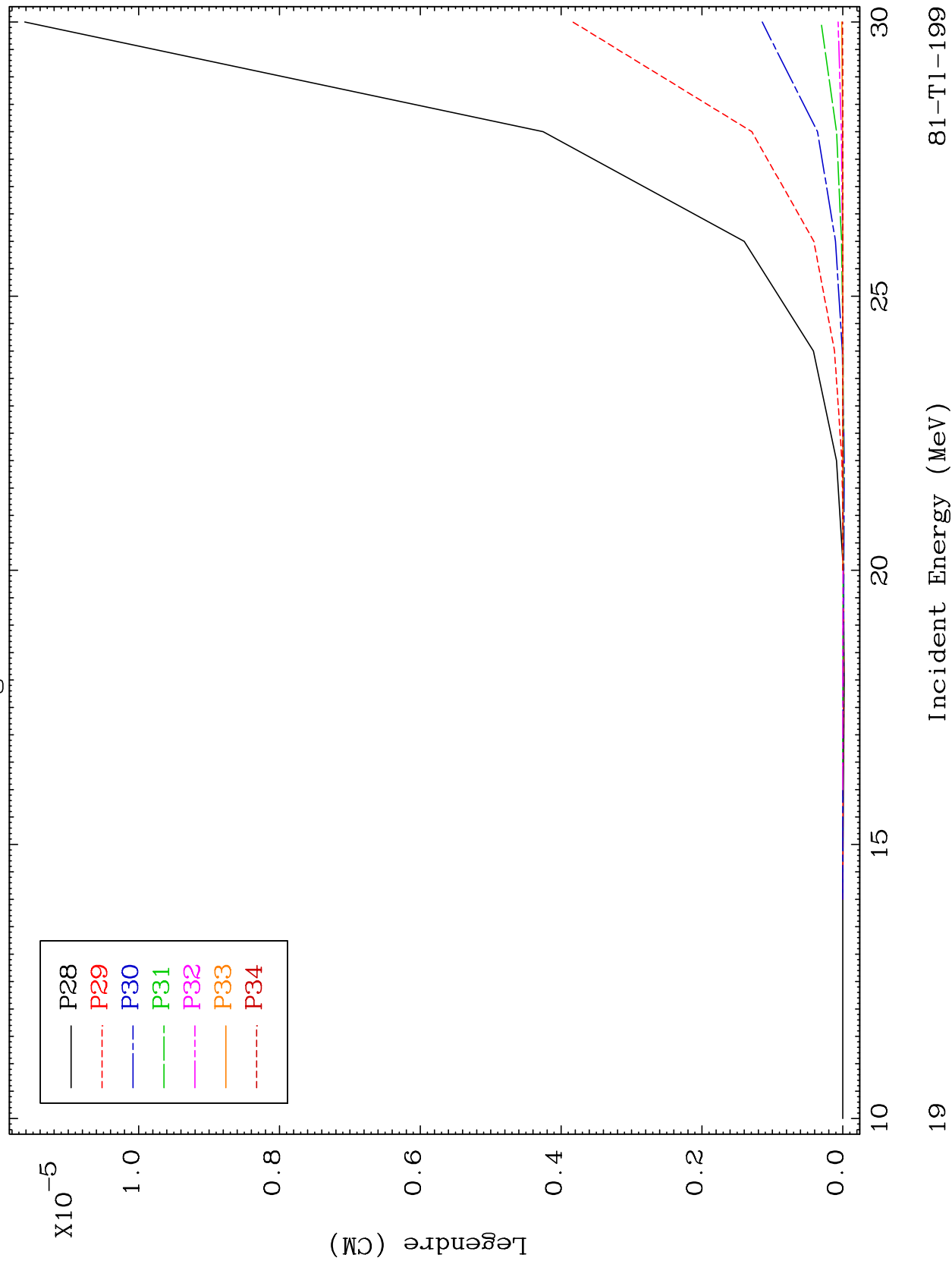
Incident Energy (MeV)

81-T1-199

MAT 8113

Elastic Legendre Coefficients

81-T1-199



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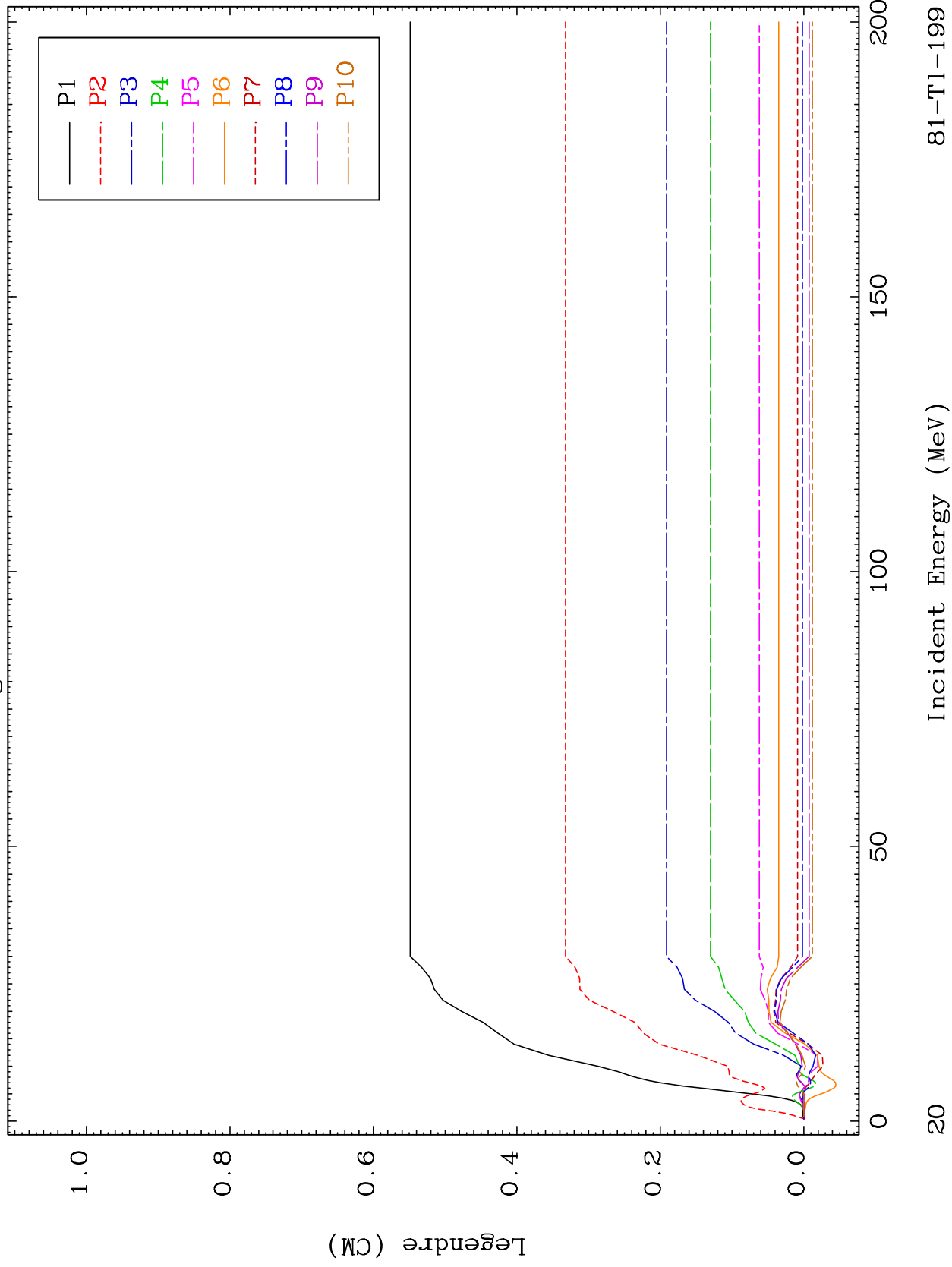
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199

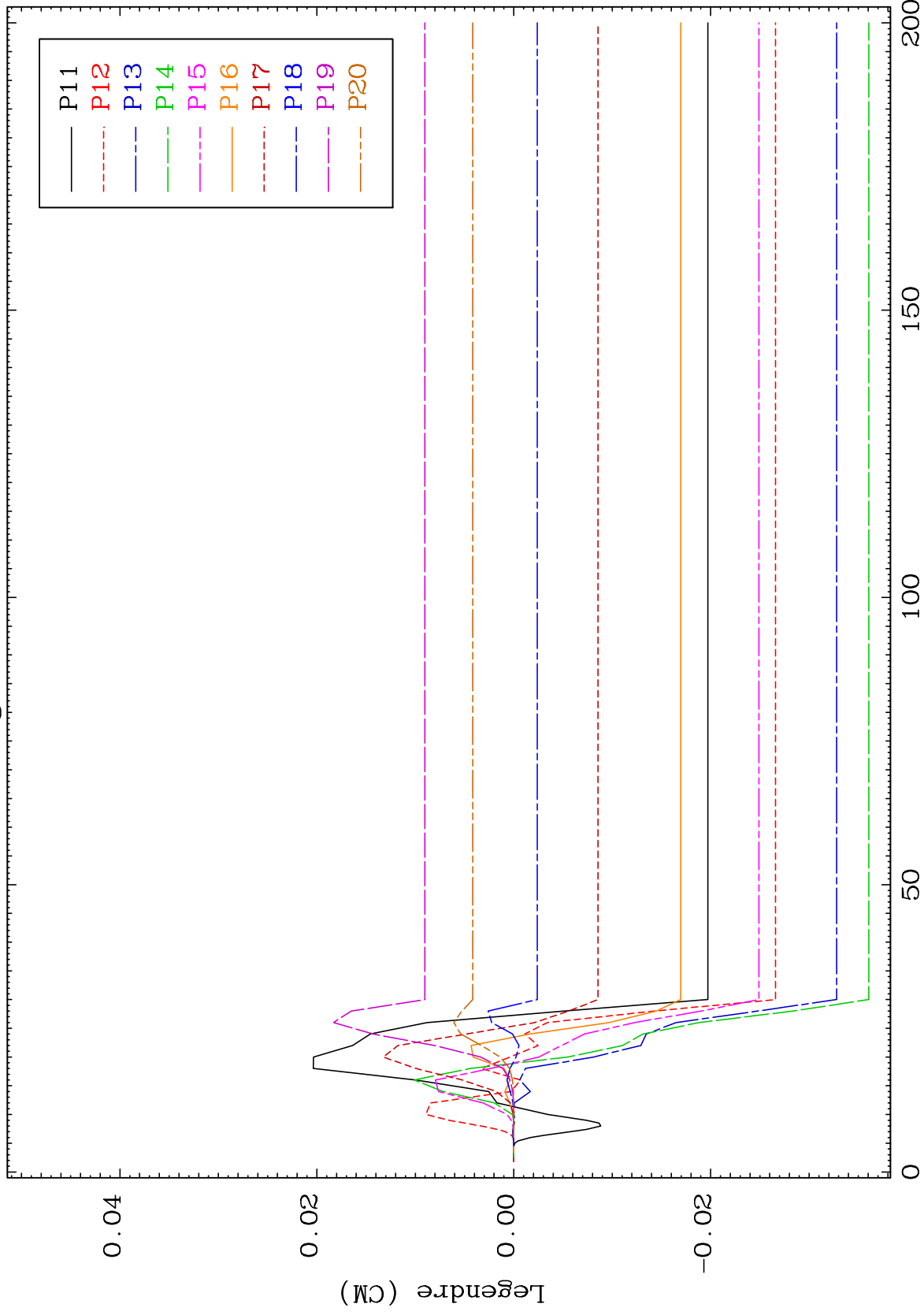


81-T1-199

MAT 81113

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

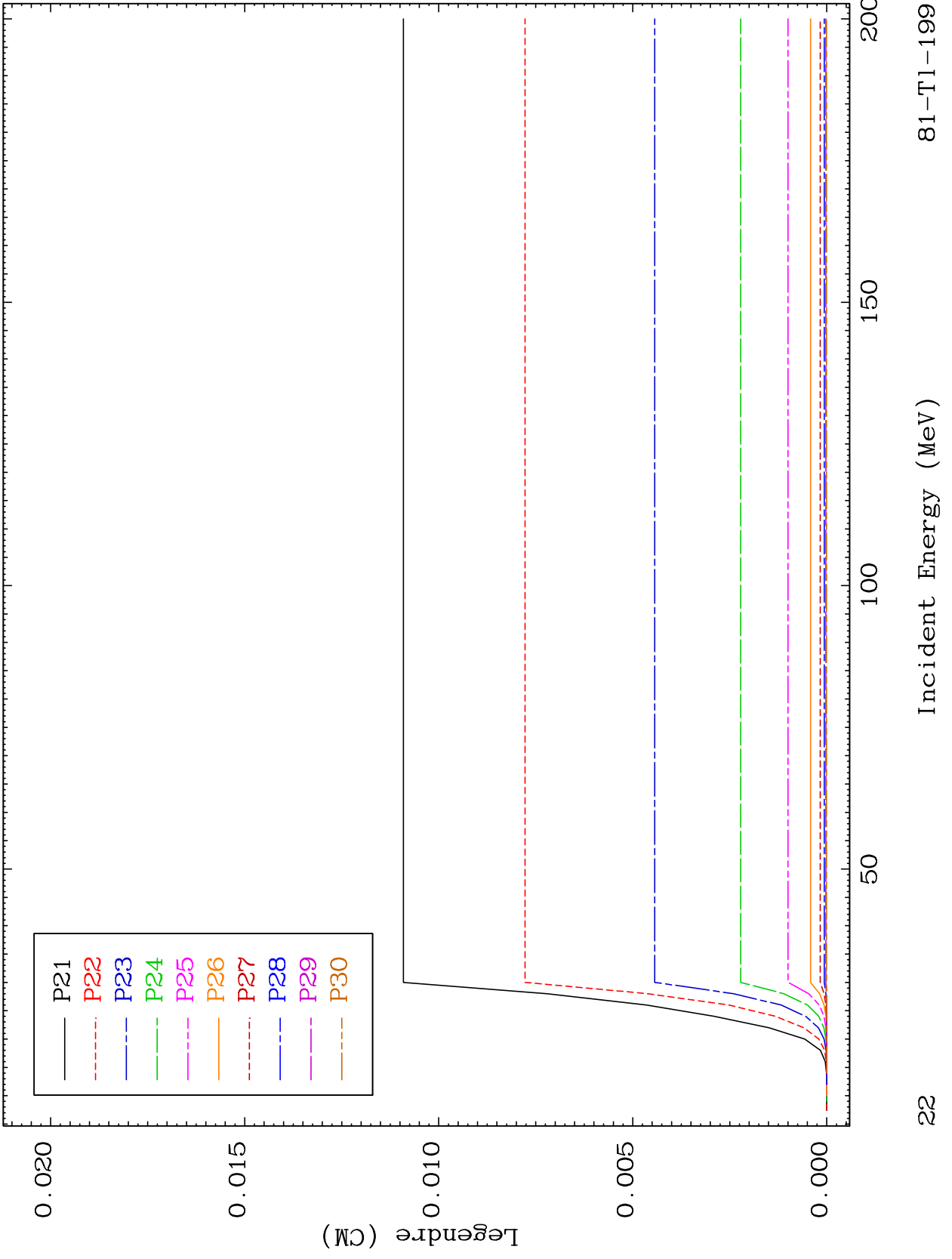
81-T1-199

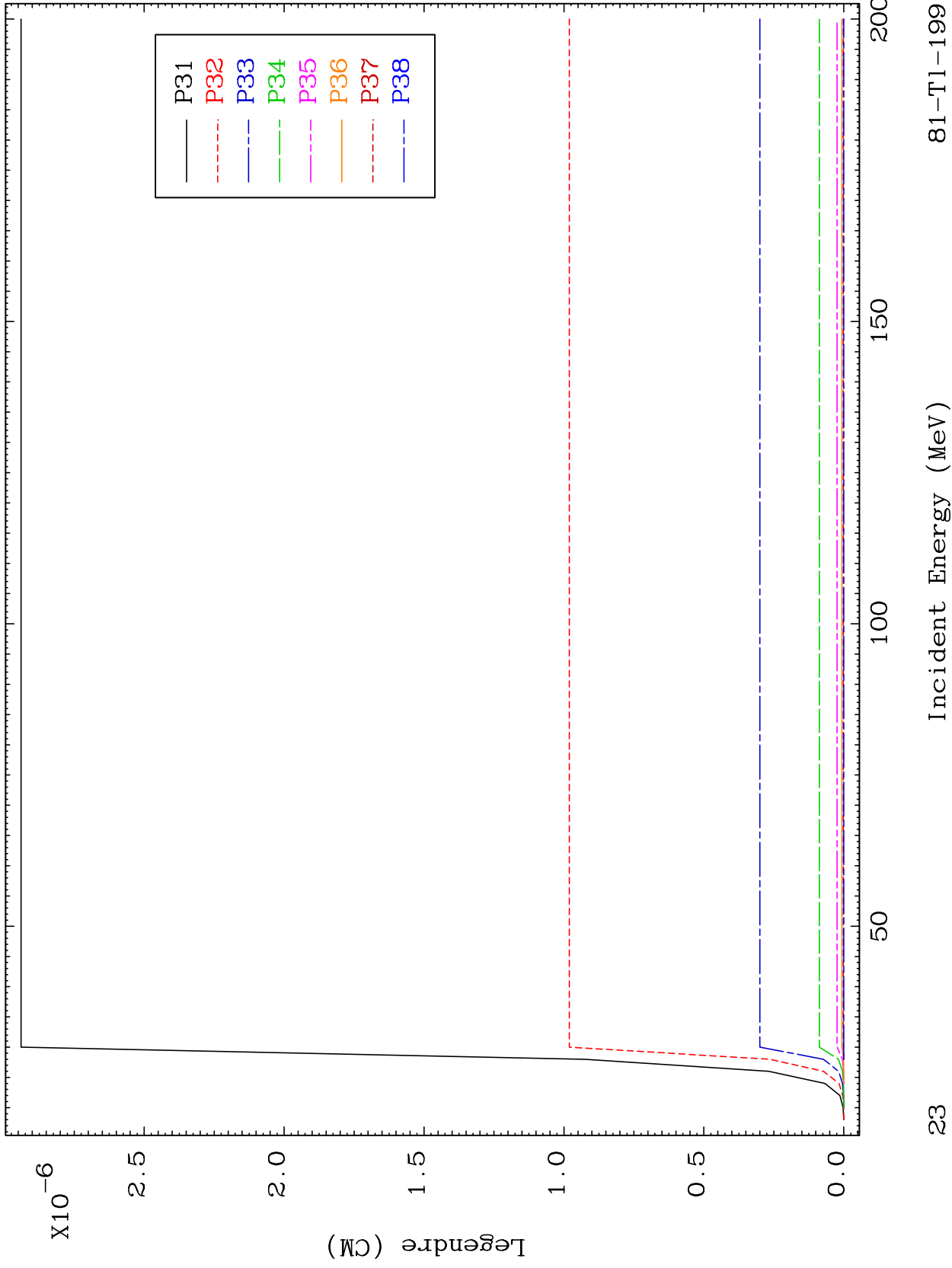


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Incident Energy (MeV)

81-T1-199



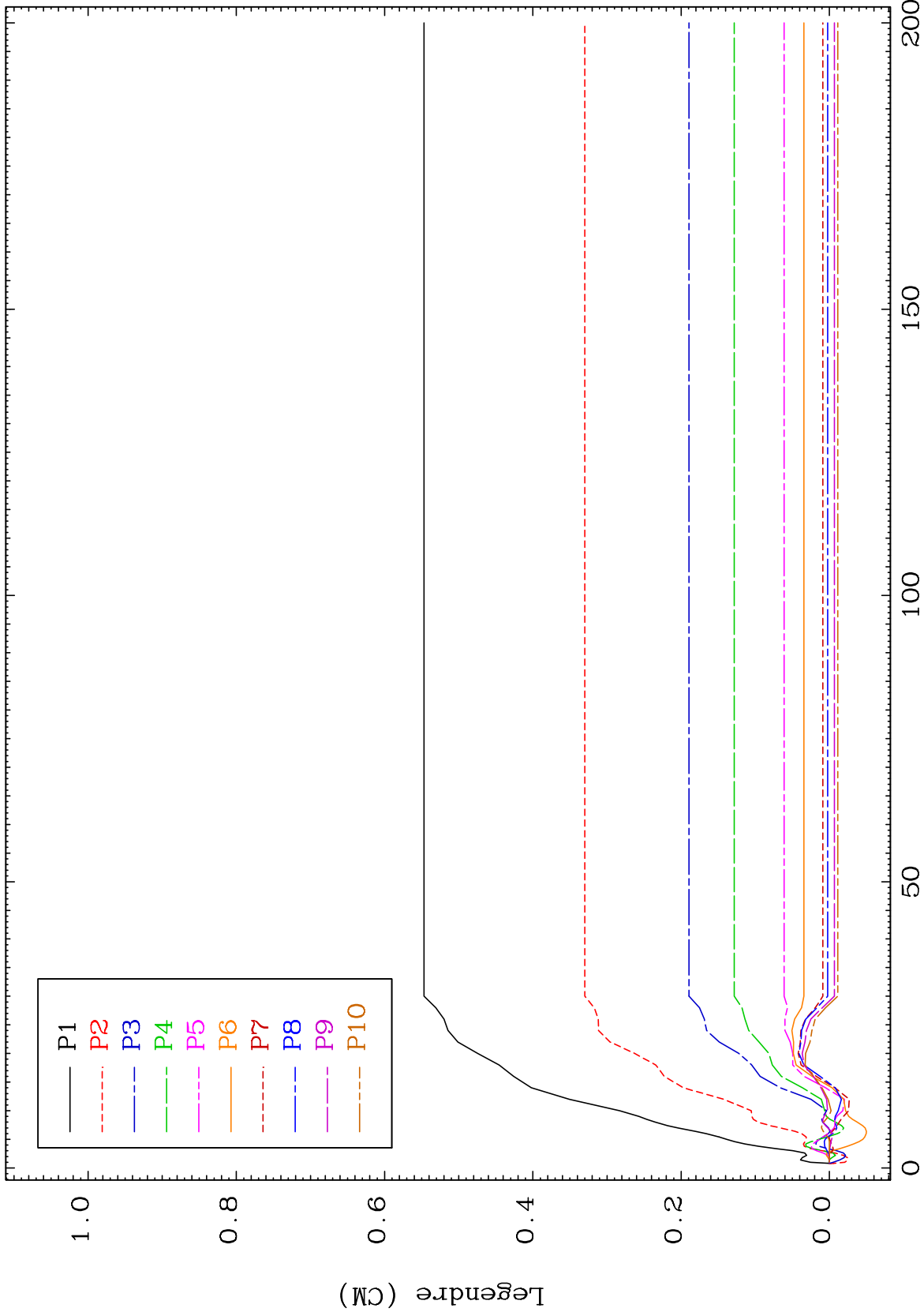




MAT 81113

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

81-T1-199



24

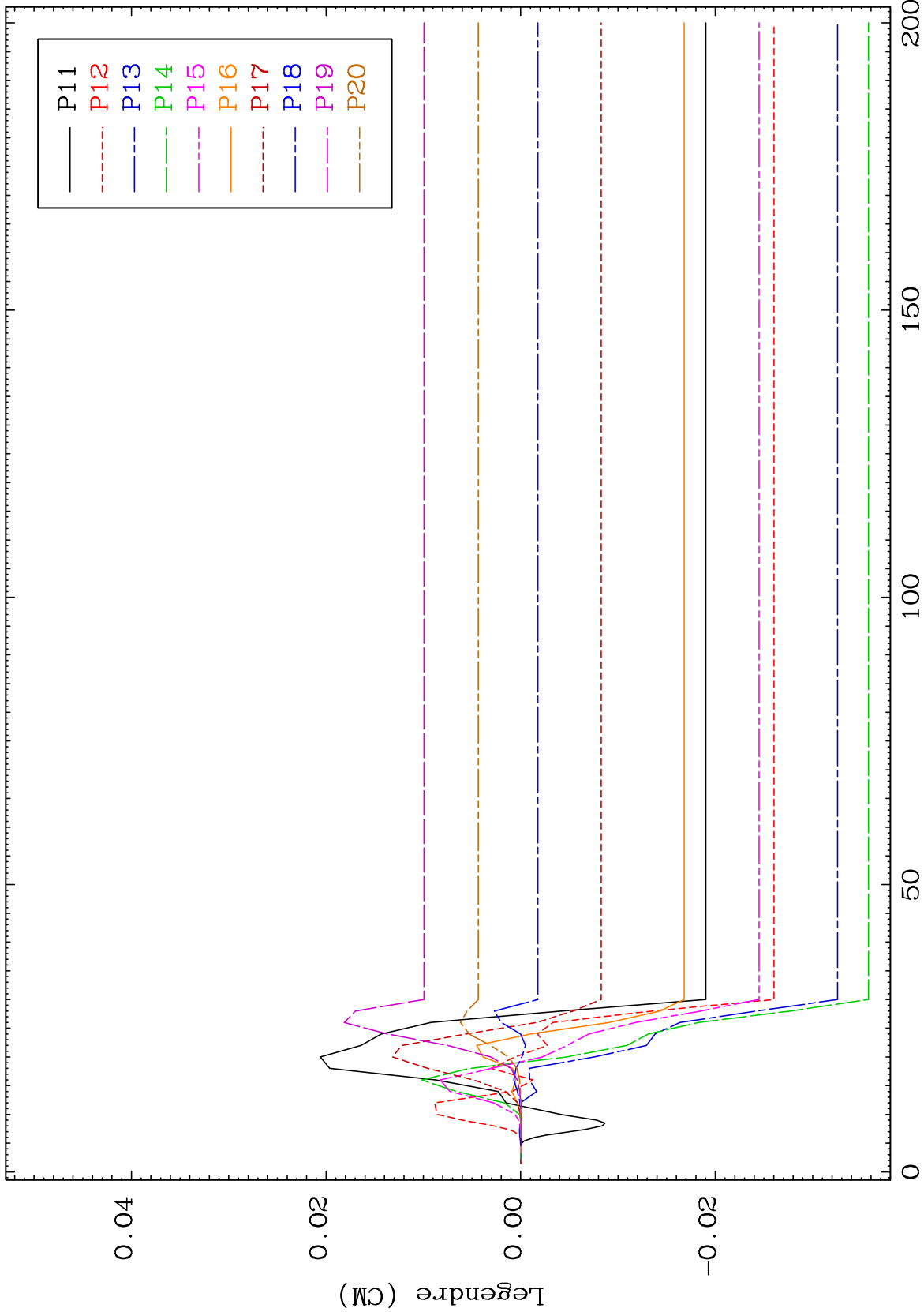
Incident Energy (MeV)

81-T1-199

MAT 81113

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

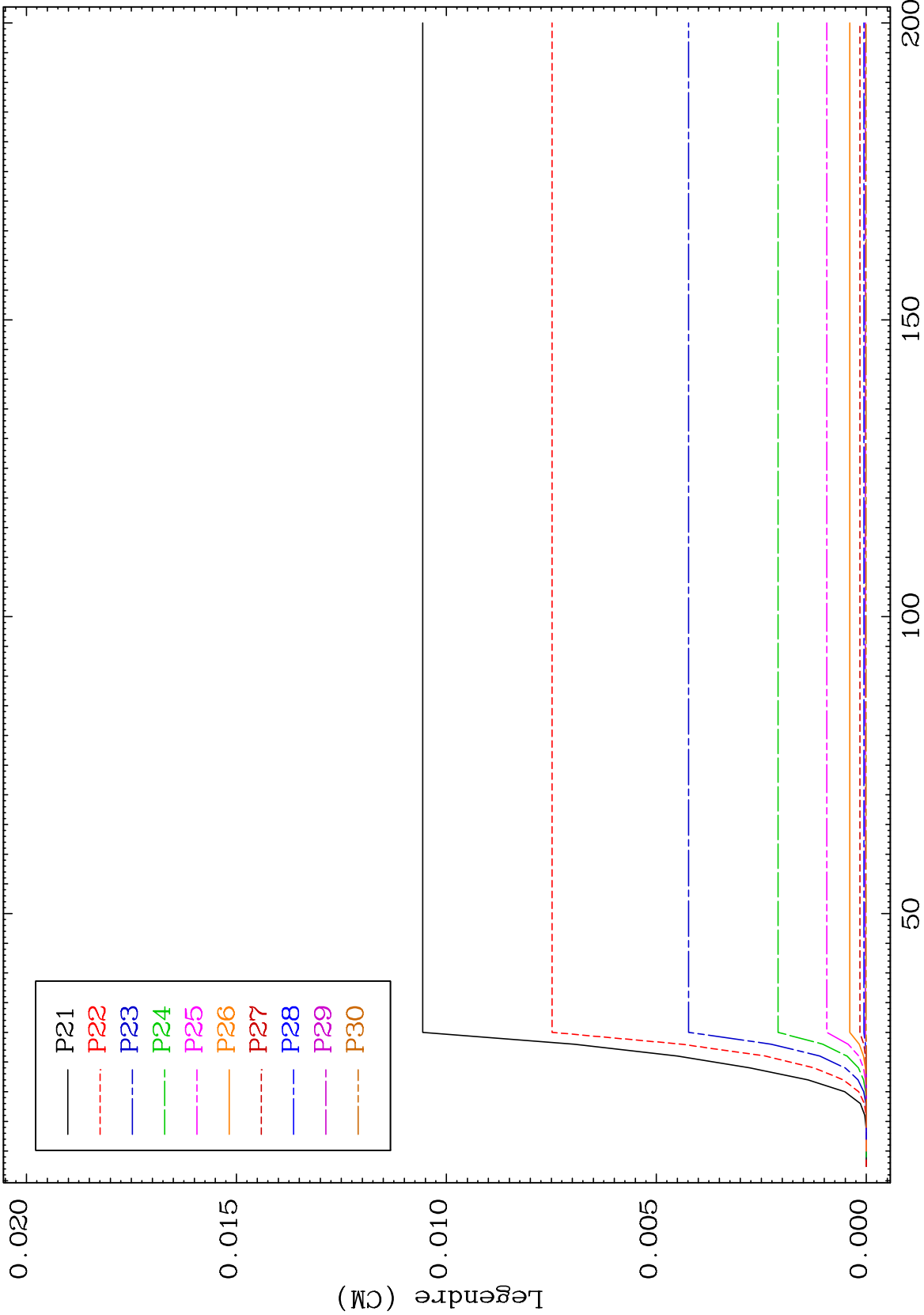
81-T1-199

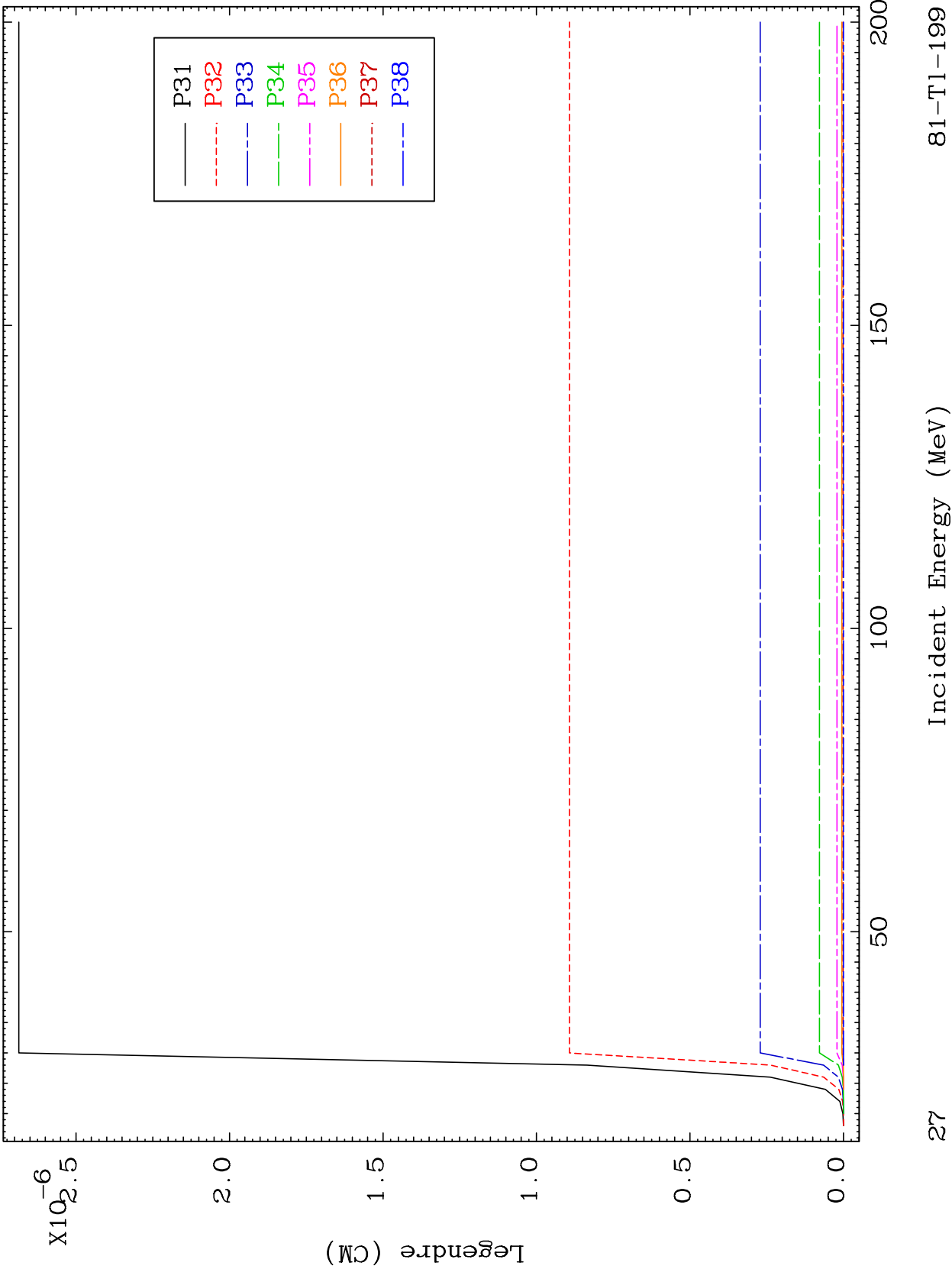


25

Incident Energy (MeV)

81-T1-199

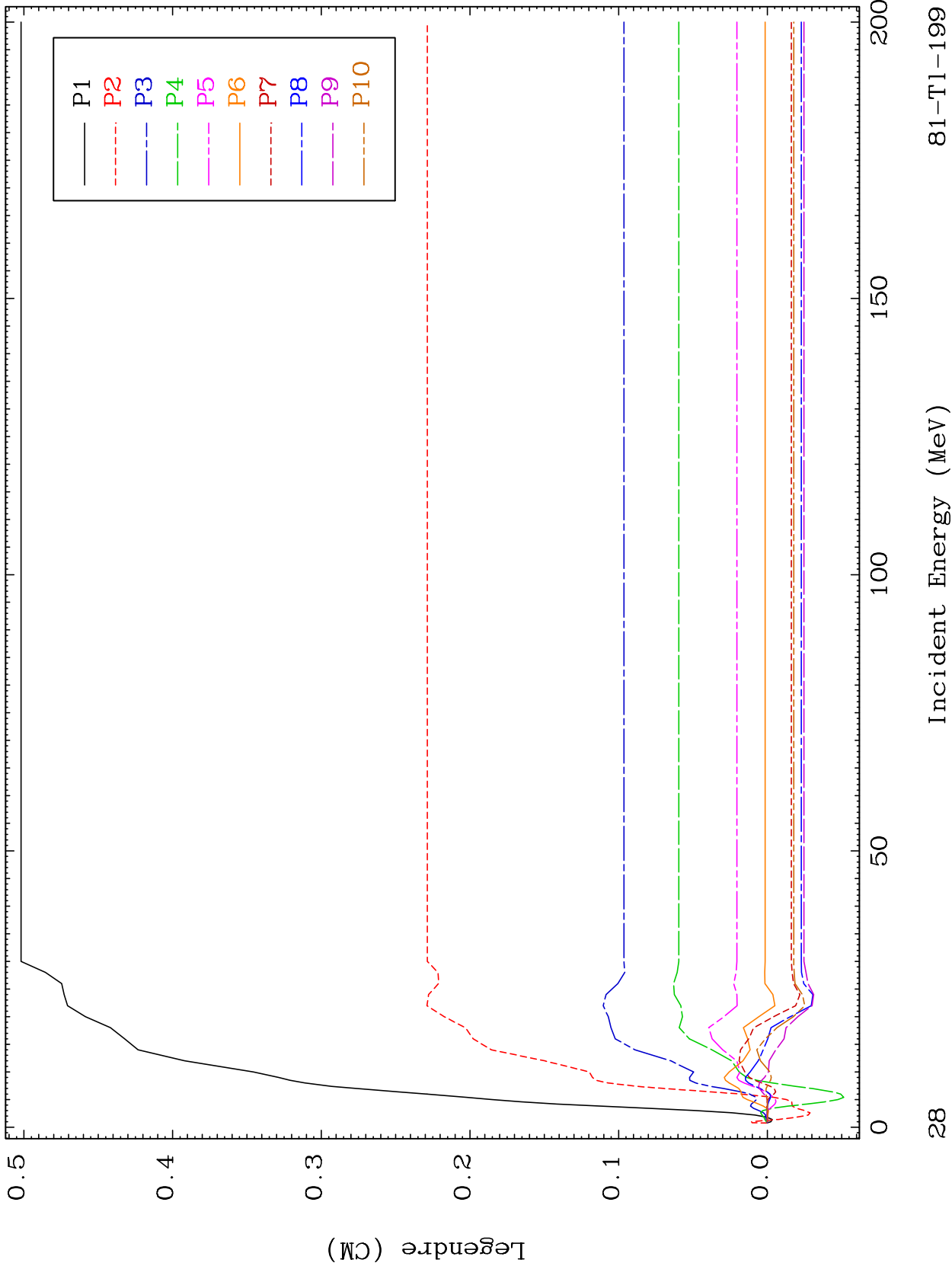




MAT 81113

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

81-T1-199



81-T1-199

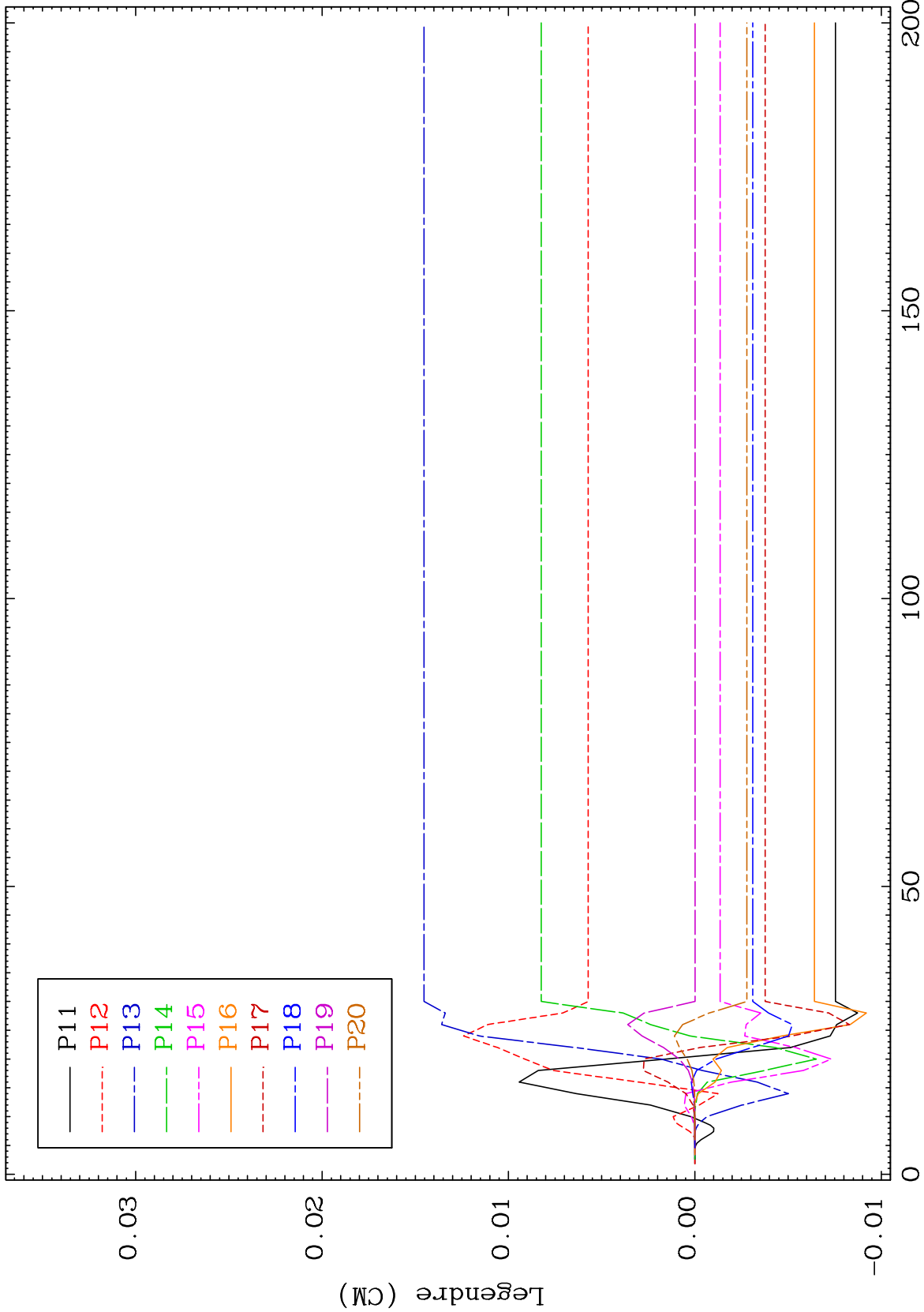
Incident Energy (MeV)

28

MAT 8113

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

81-T1-199



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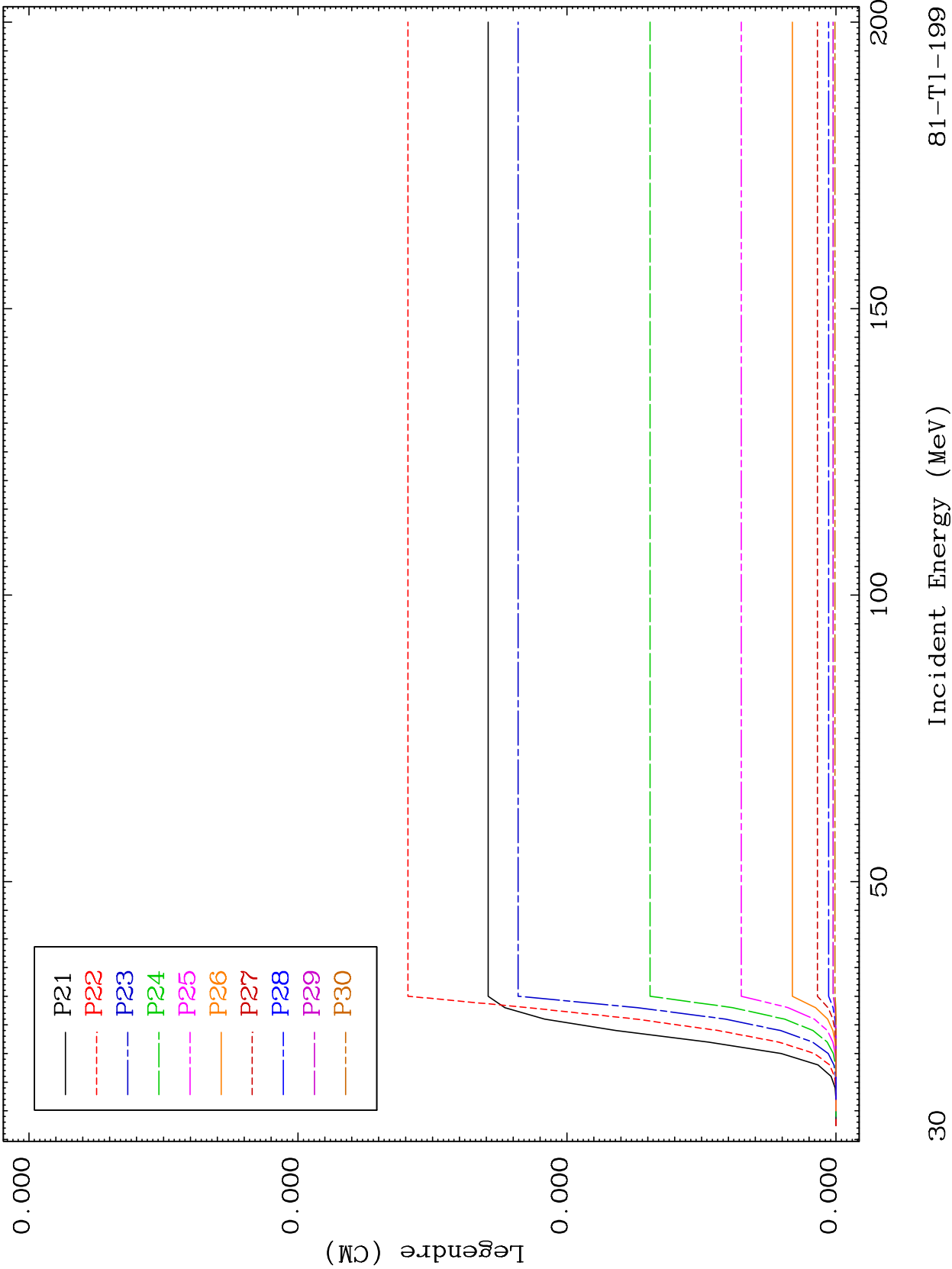
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



81-T1-199

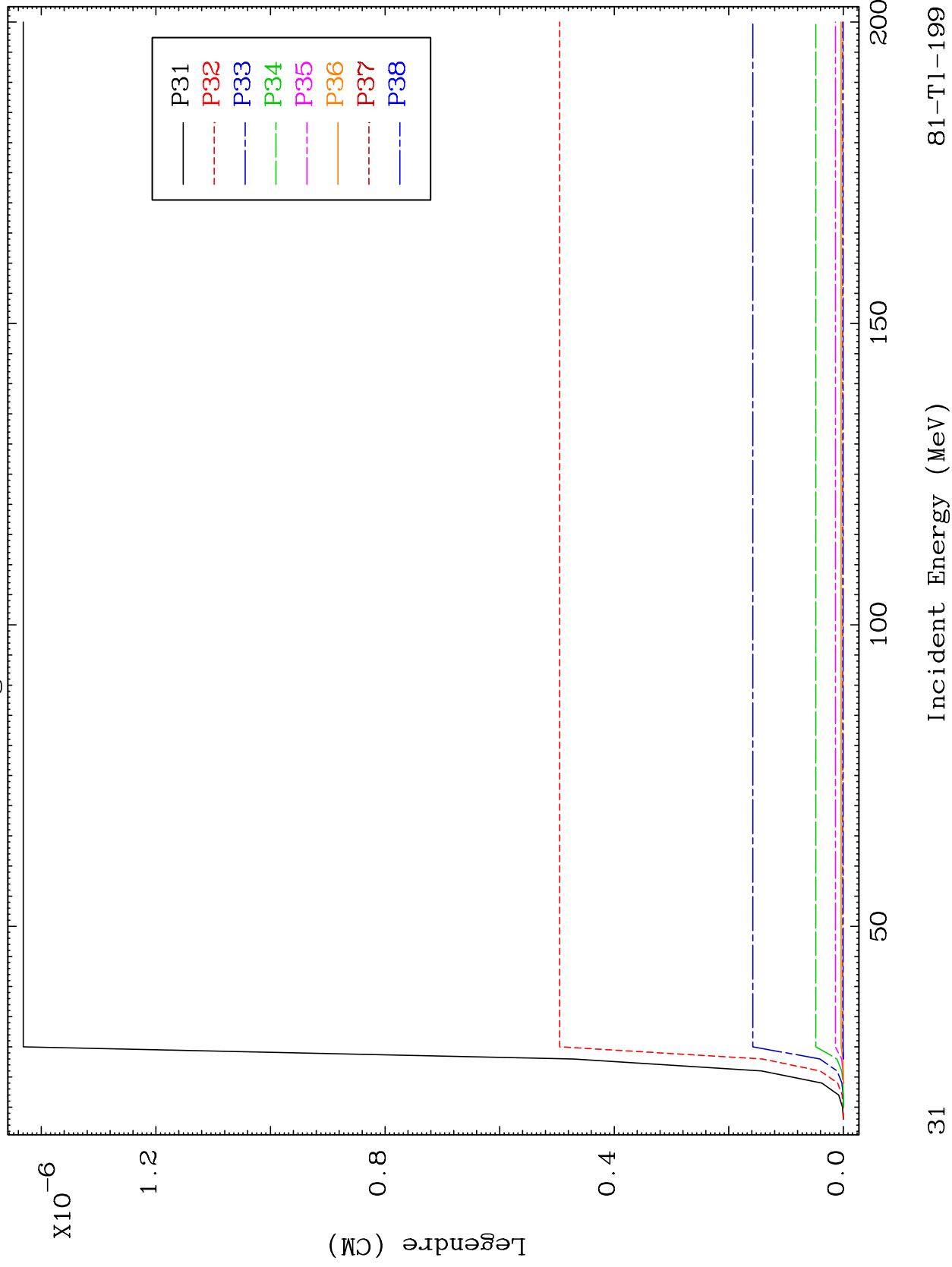
Incident Energy (MeV)

30

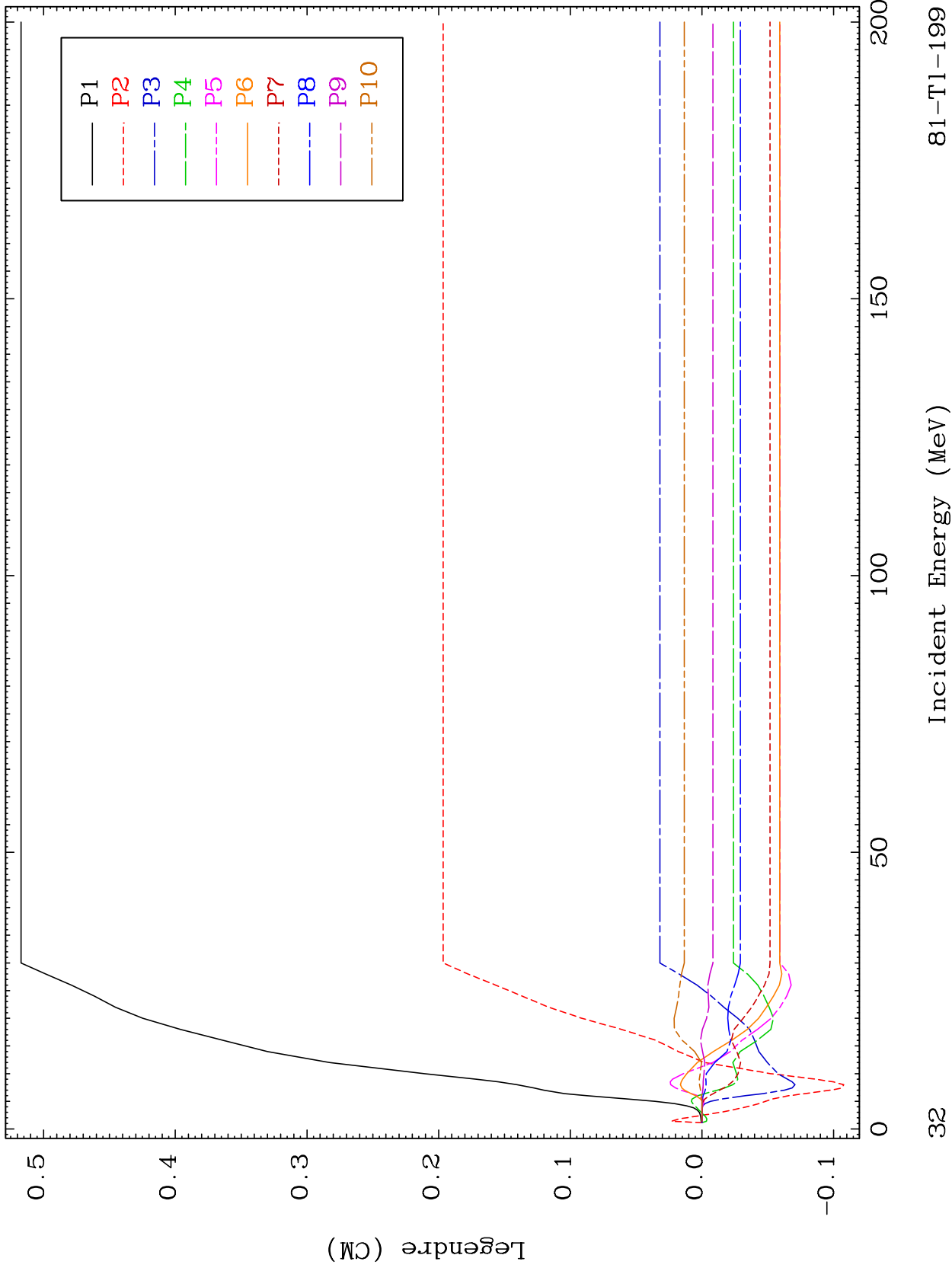
MAT 81113

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

81-T1-199



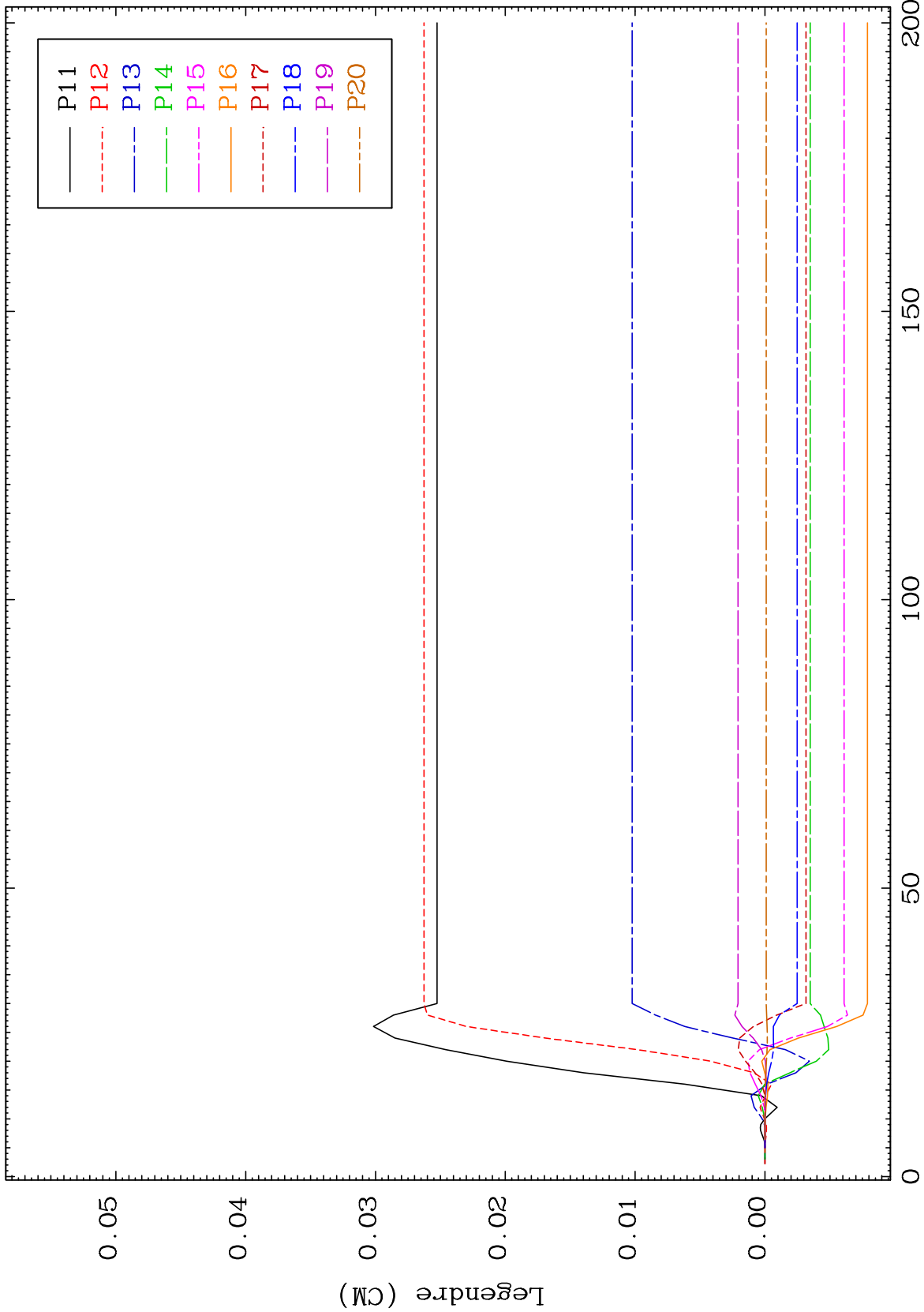




MAT 81113

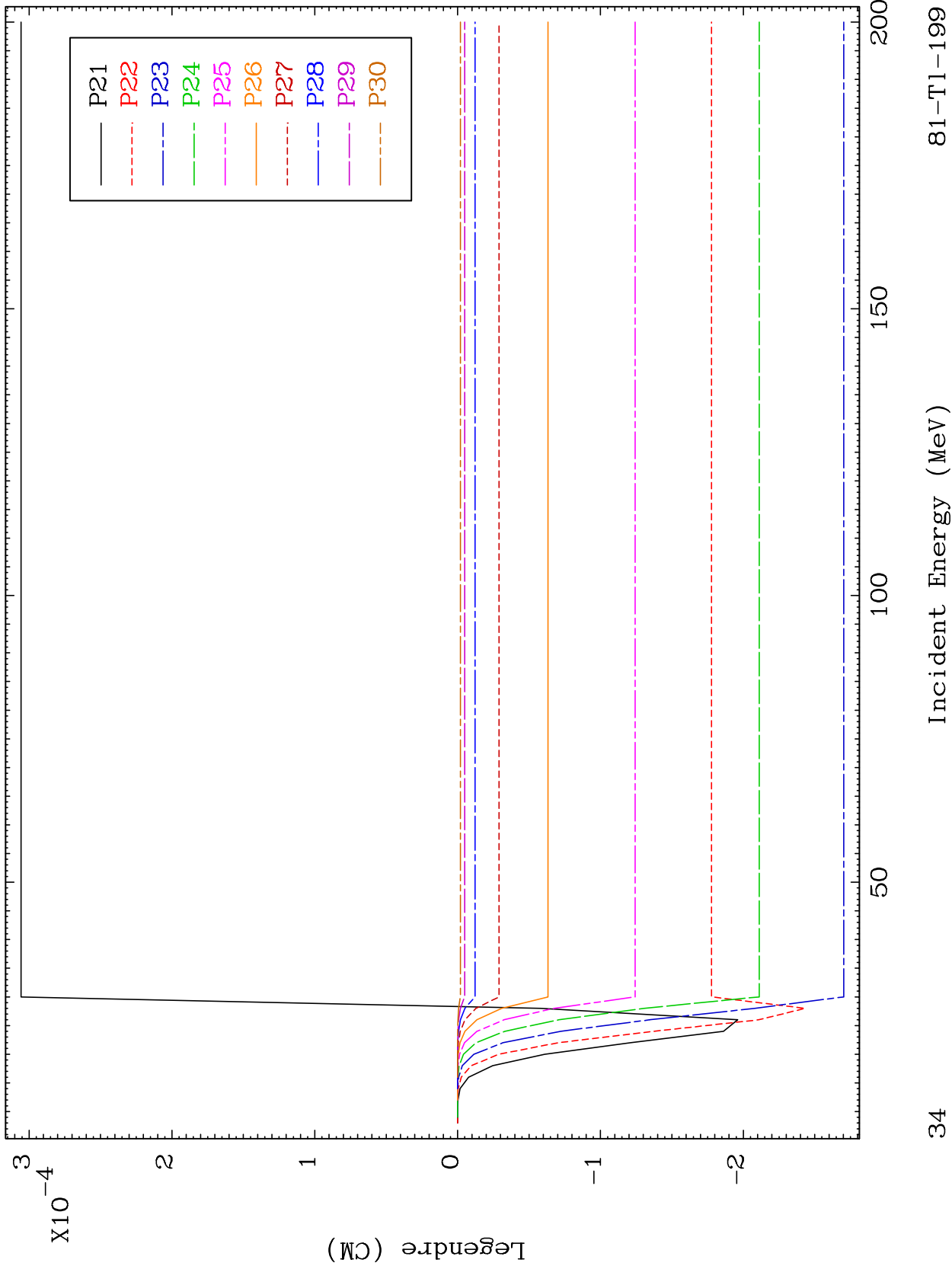
MT= 54 (n,n') Level  
Legendre Coefficients

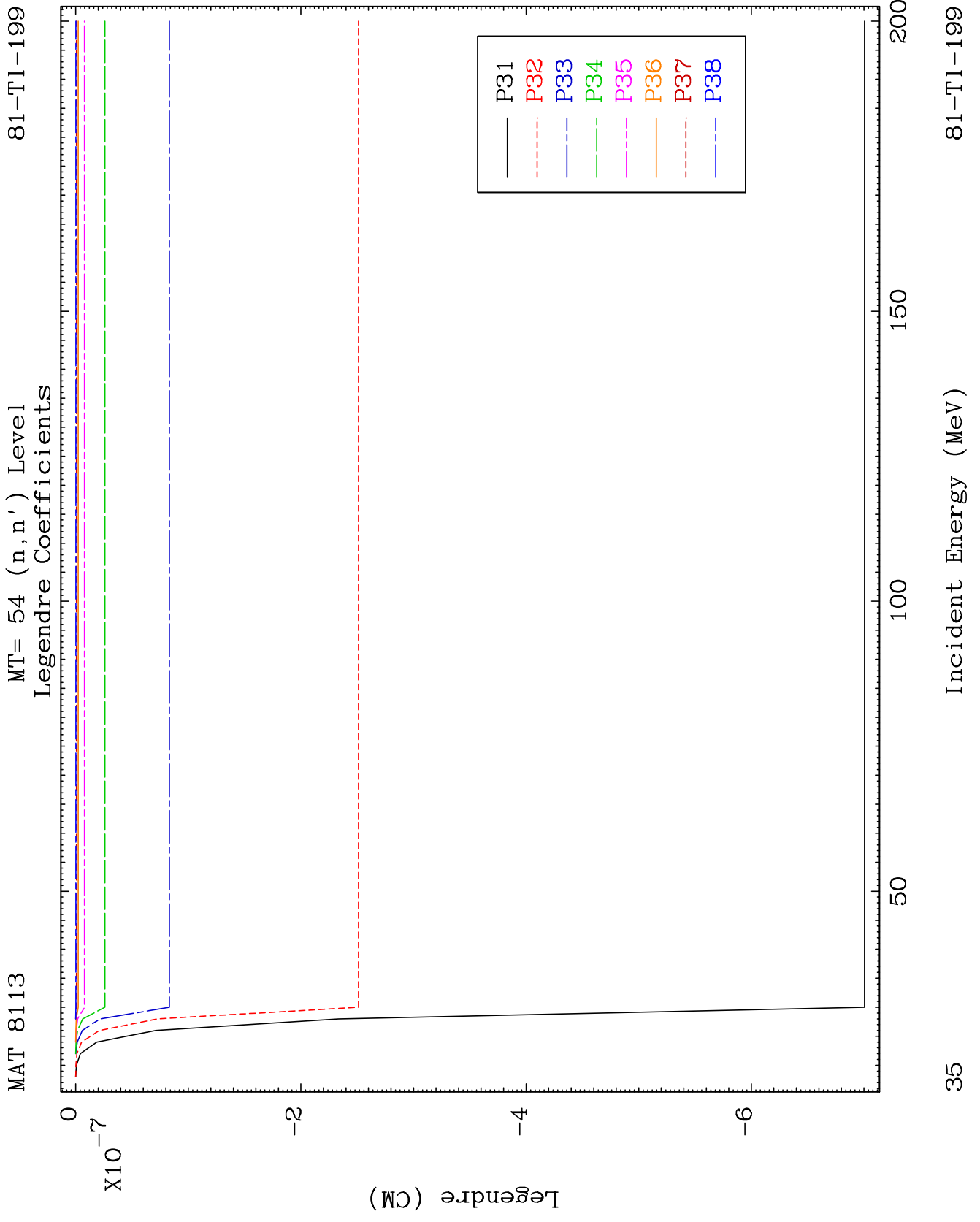
81-T1-199



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81-T1-199

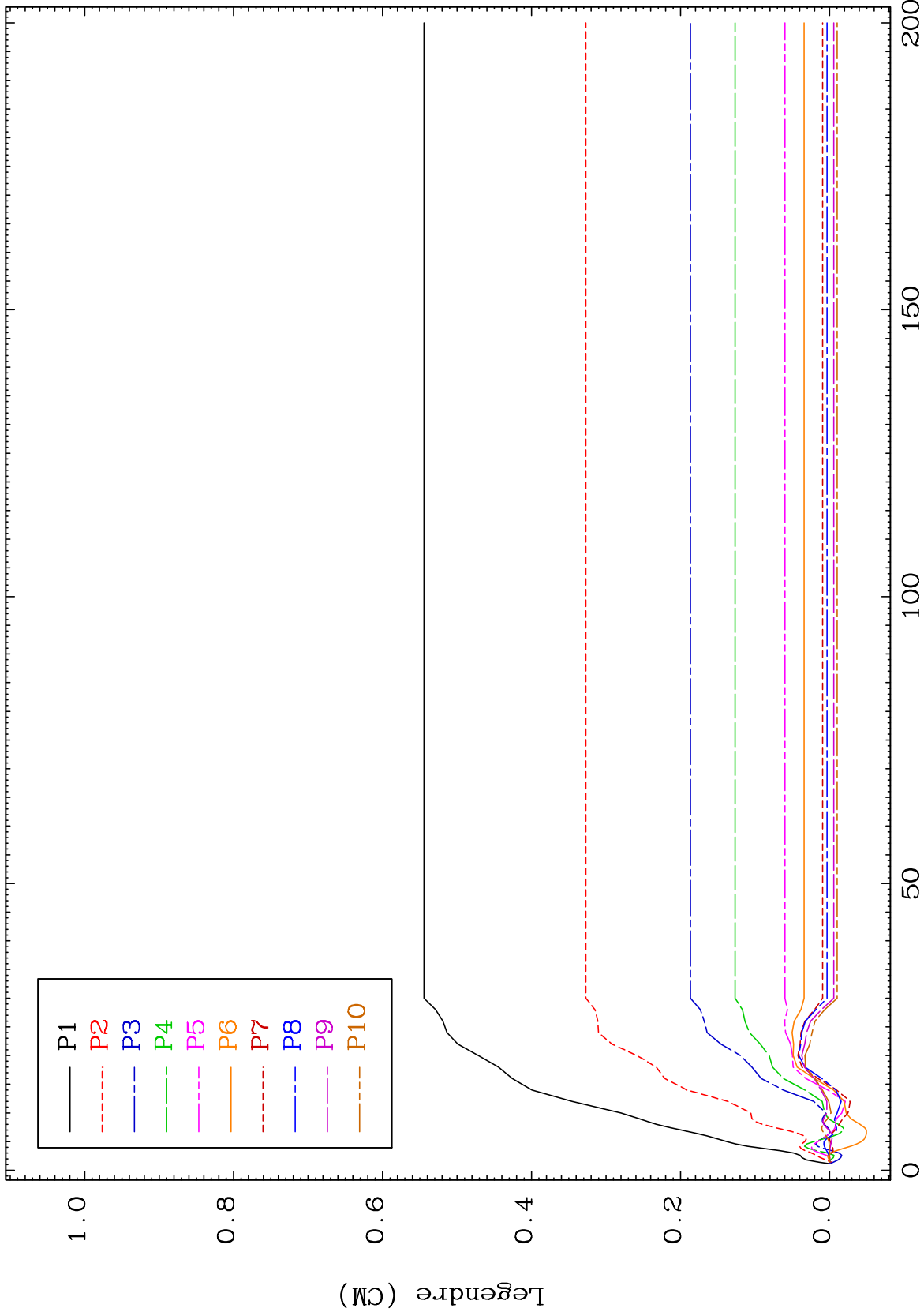




MAT 81113

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

81-T1-199



36

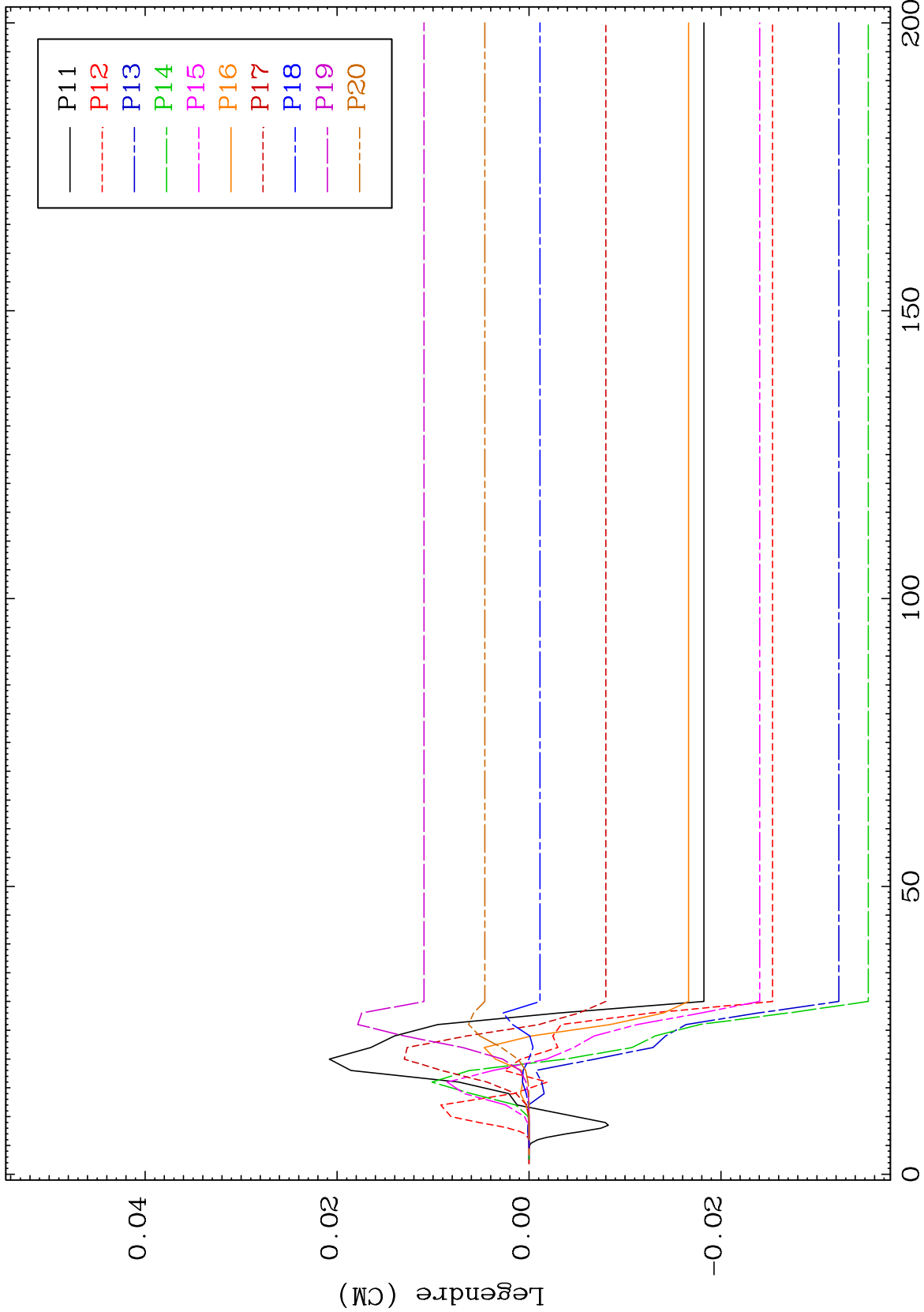
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



37

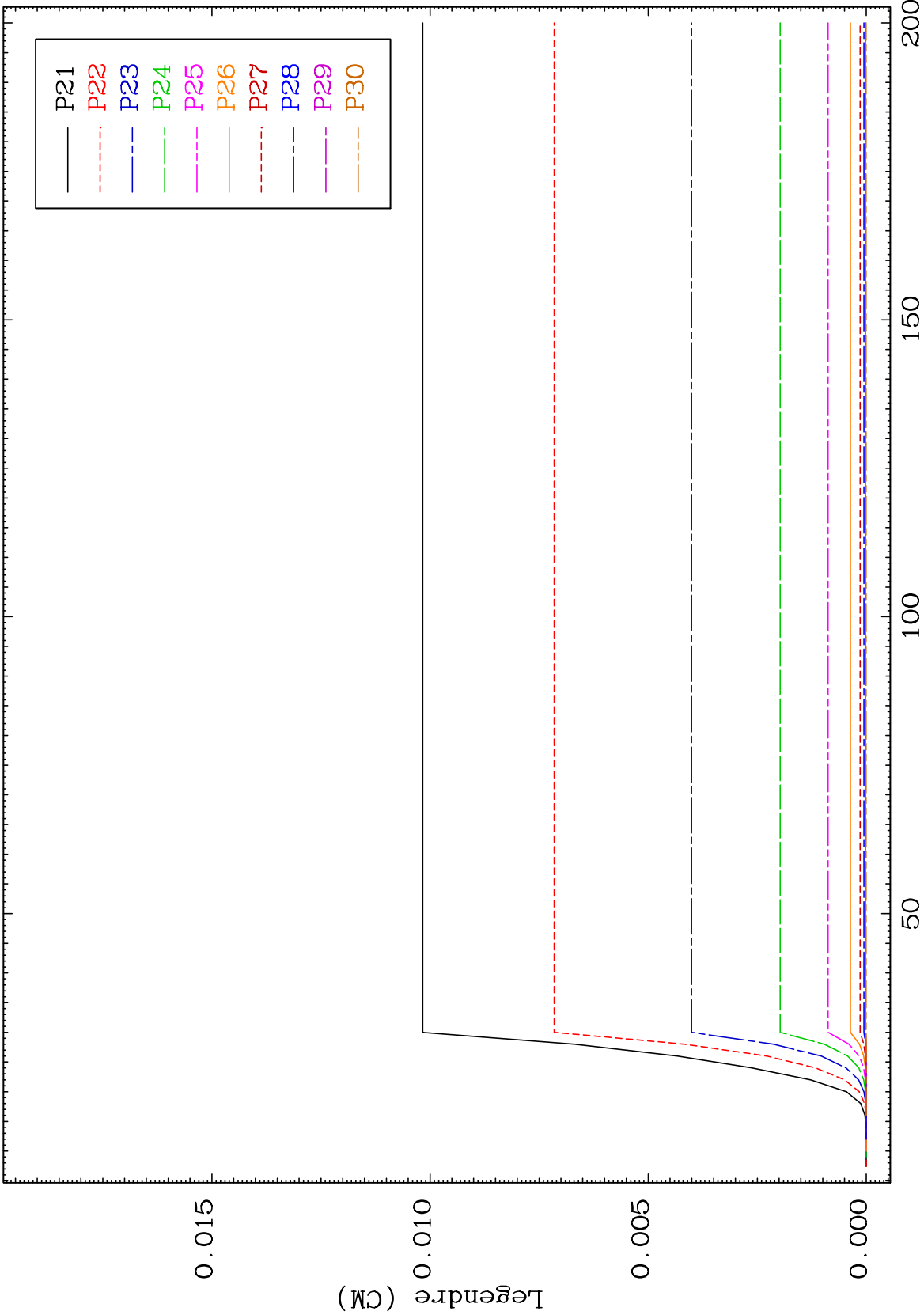
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



38

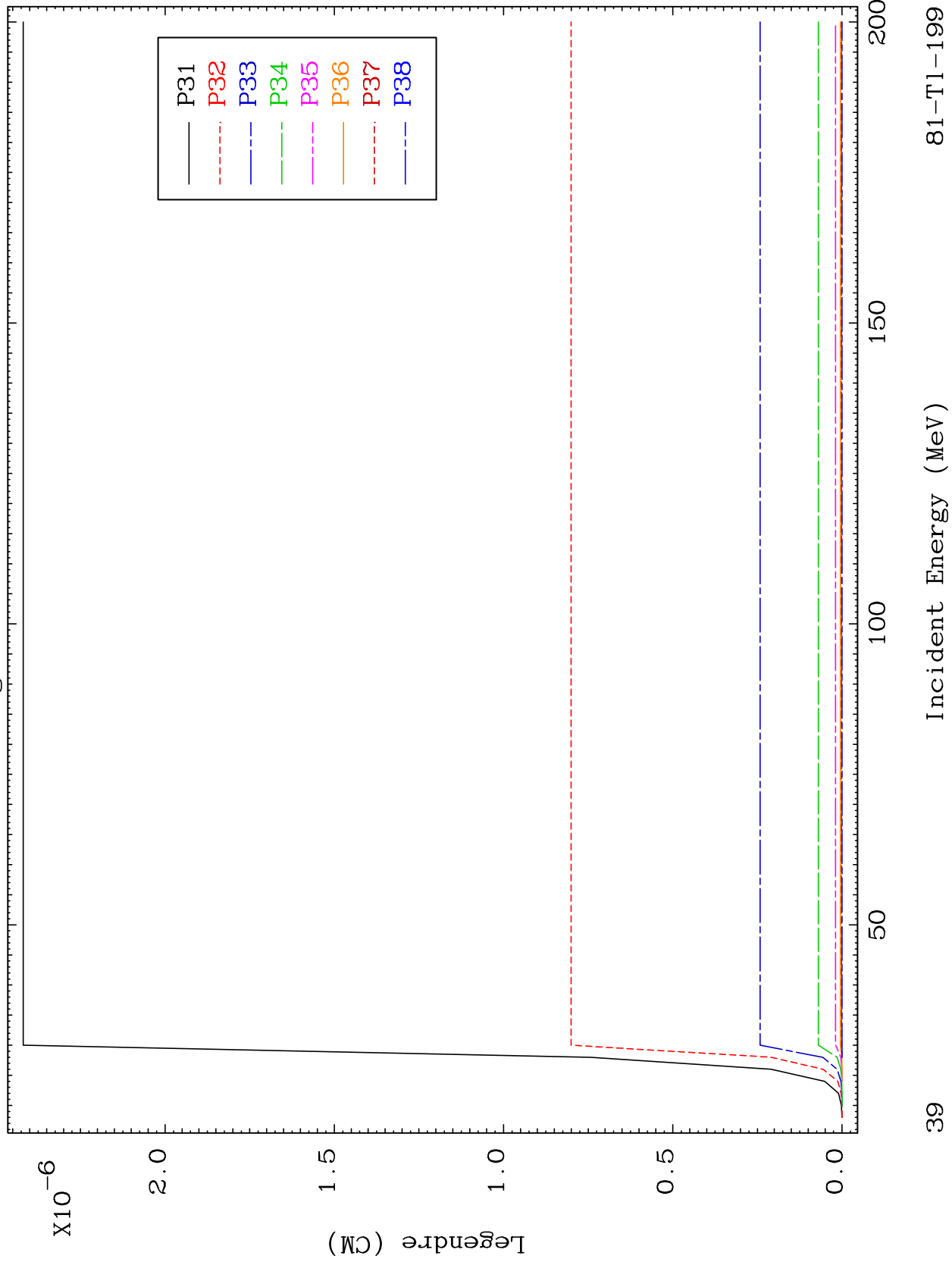
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



39

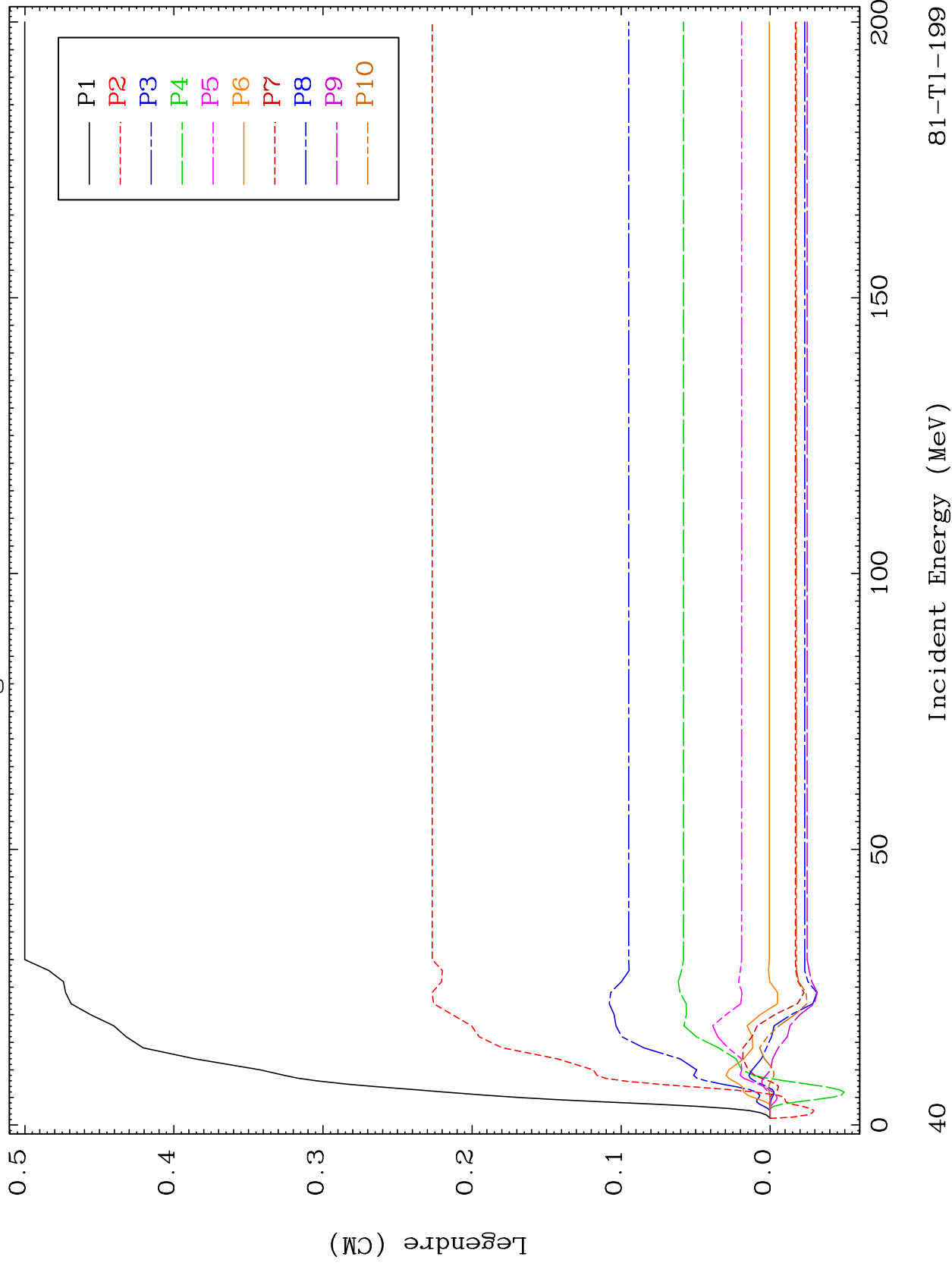


MAT 81113

MT= 56 (n,n') Level

81-T1-199

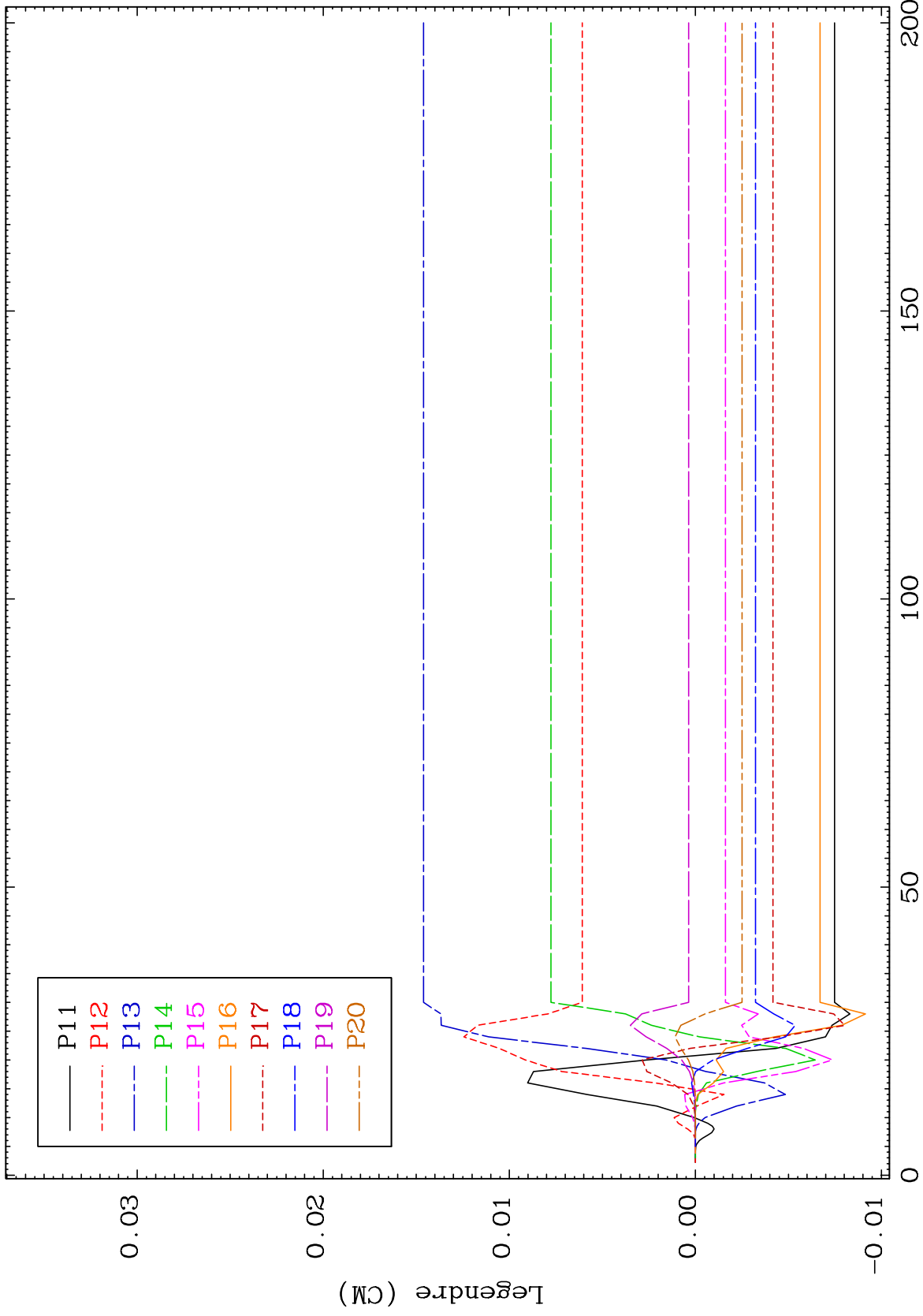
Legendre Coefficients

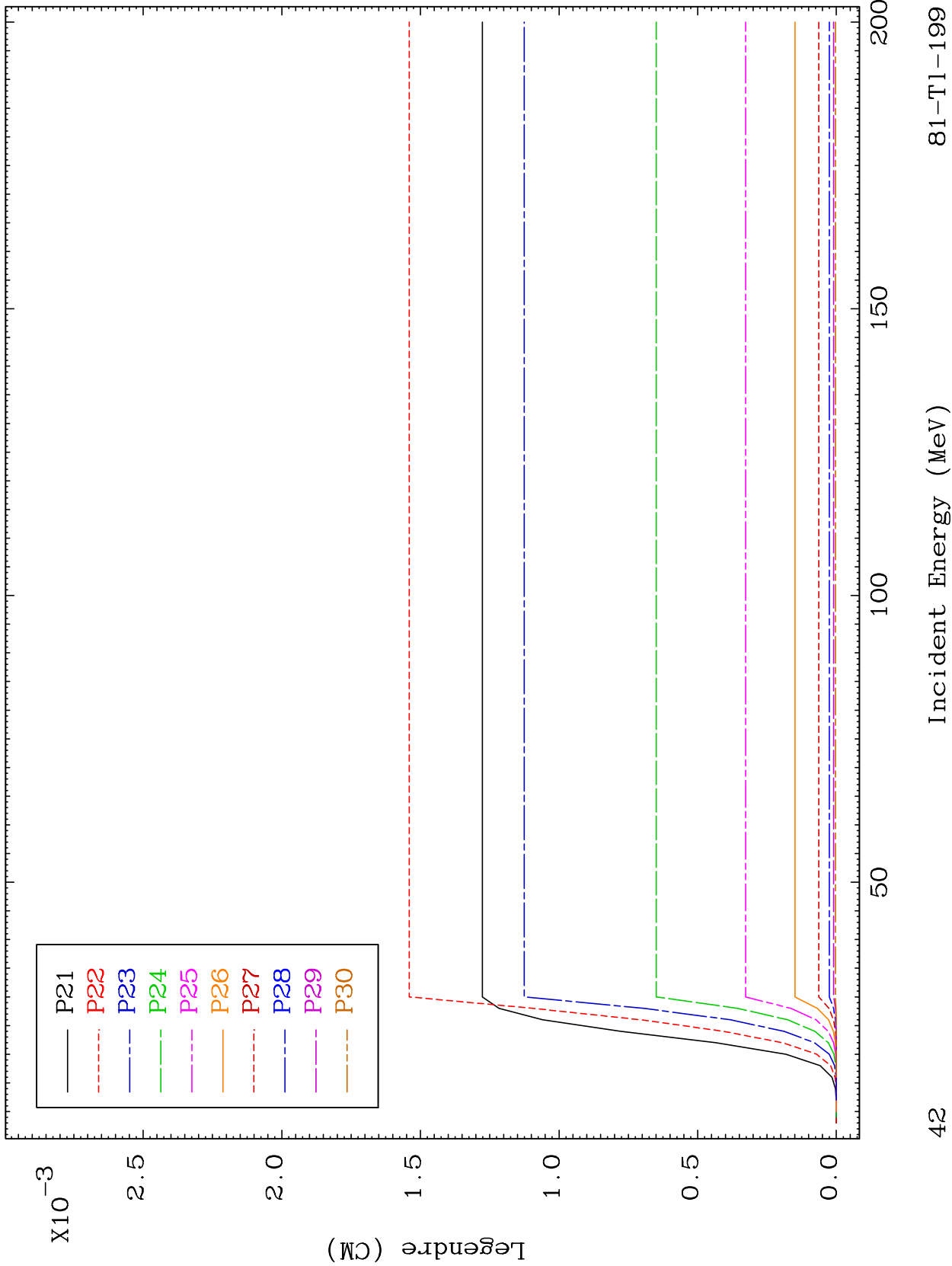


MAT 8113

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

81-T1-199

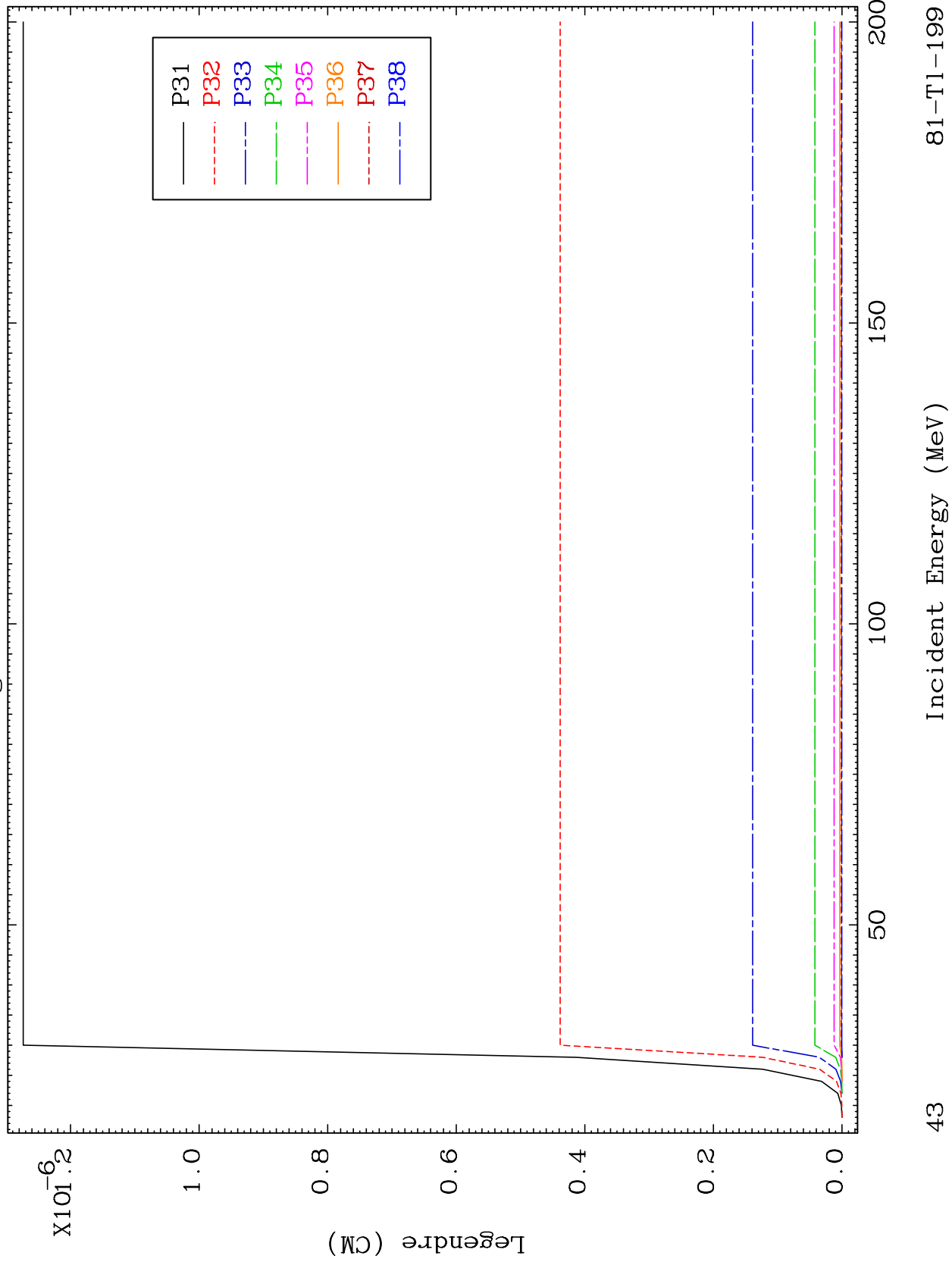




MAT 81113

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

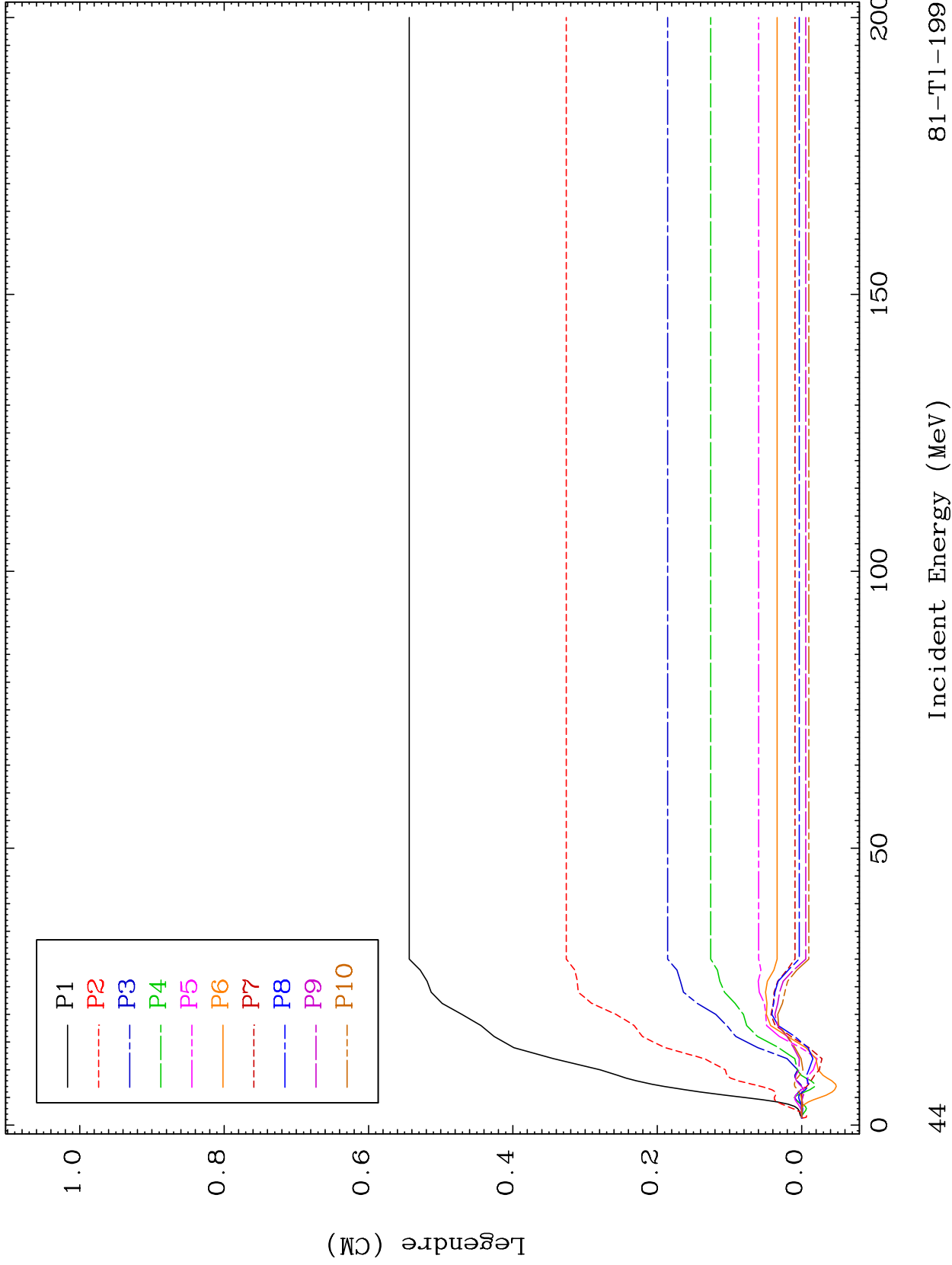
81-T1-199



43

Incident Energy (MeV)

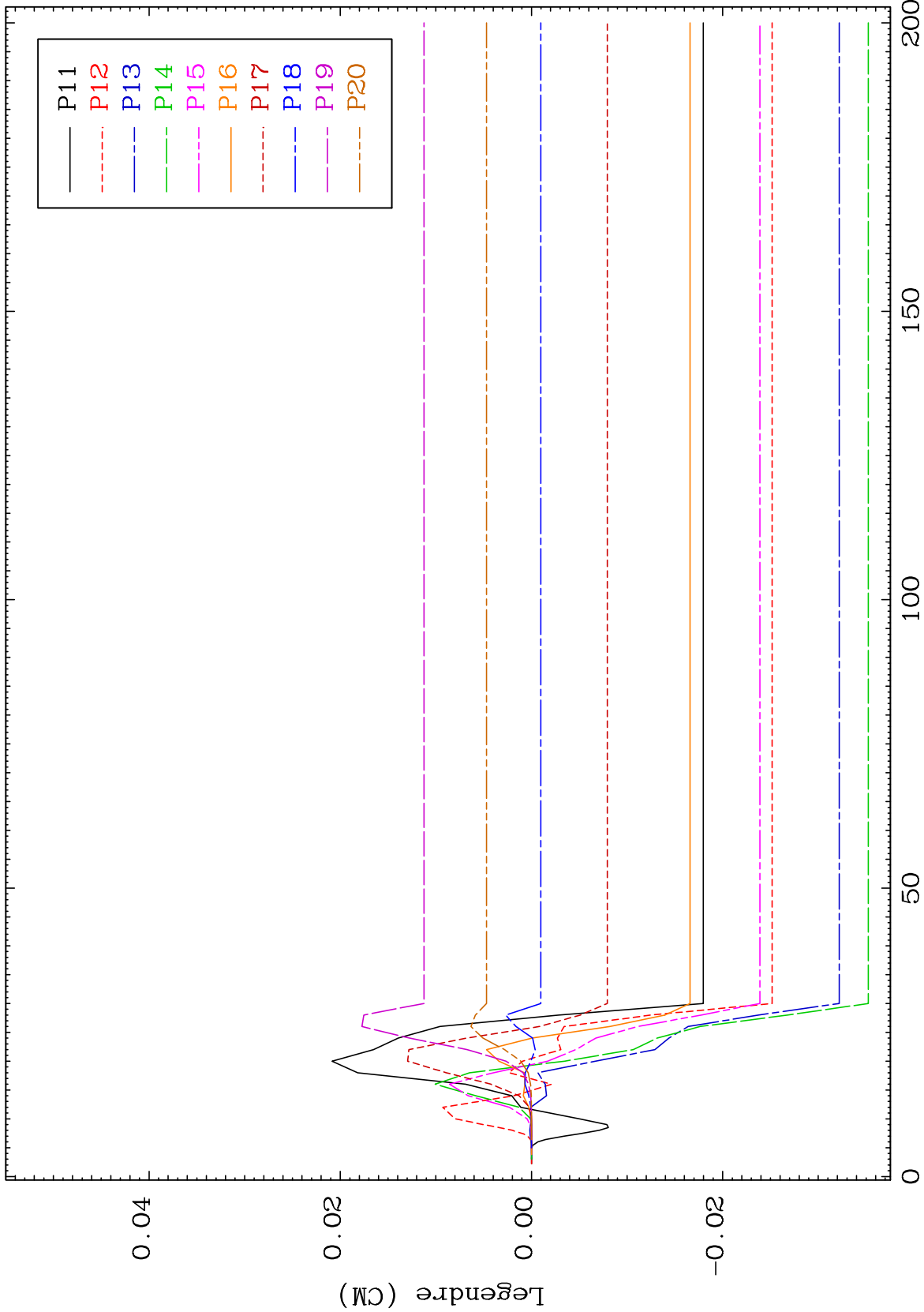
81-T1-199



MAT 81113

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

81-T1-199



45

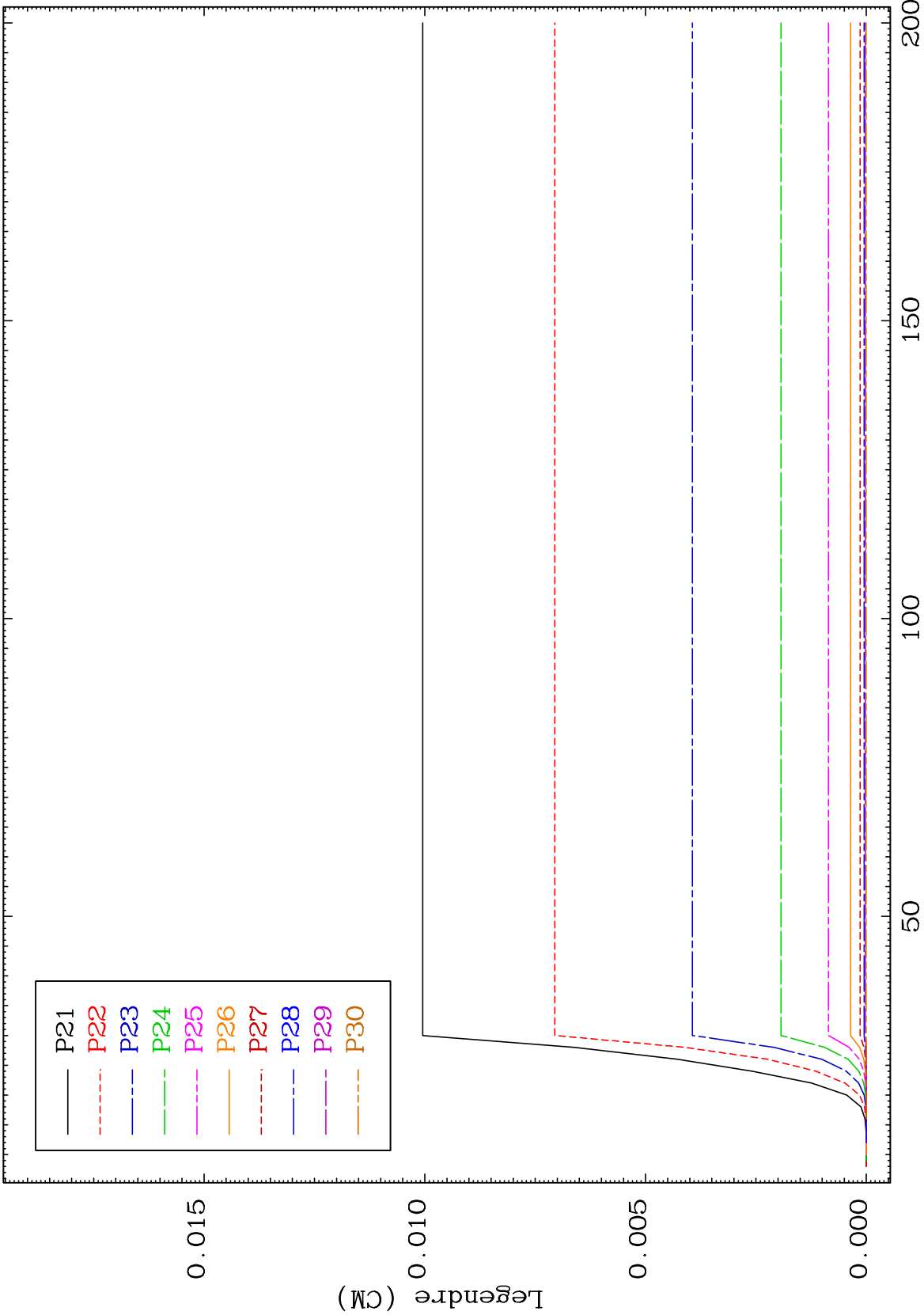
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



46

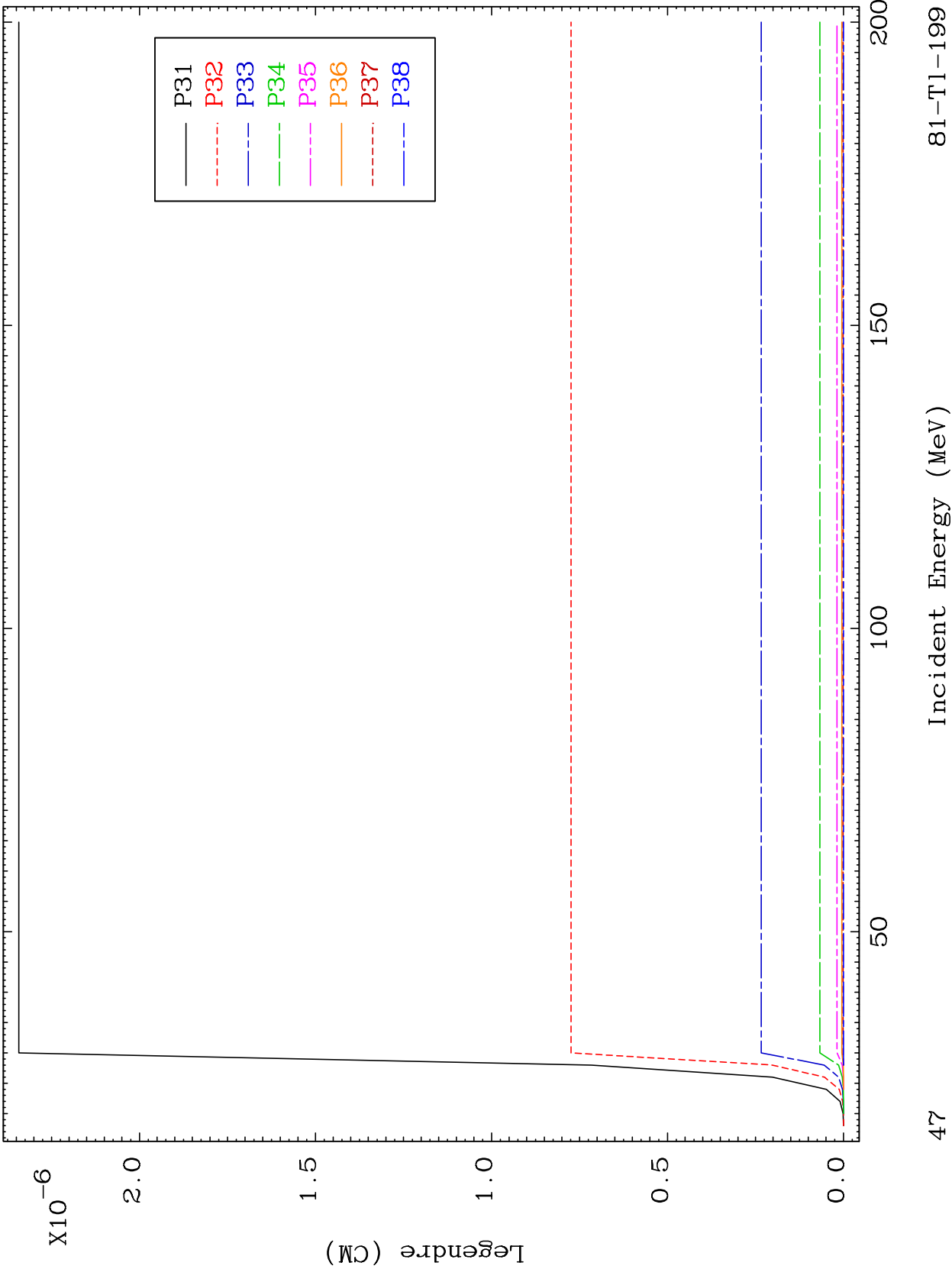
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



47

Incident Energy (MeV)

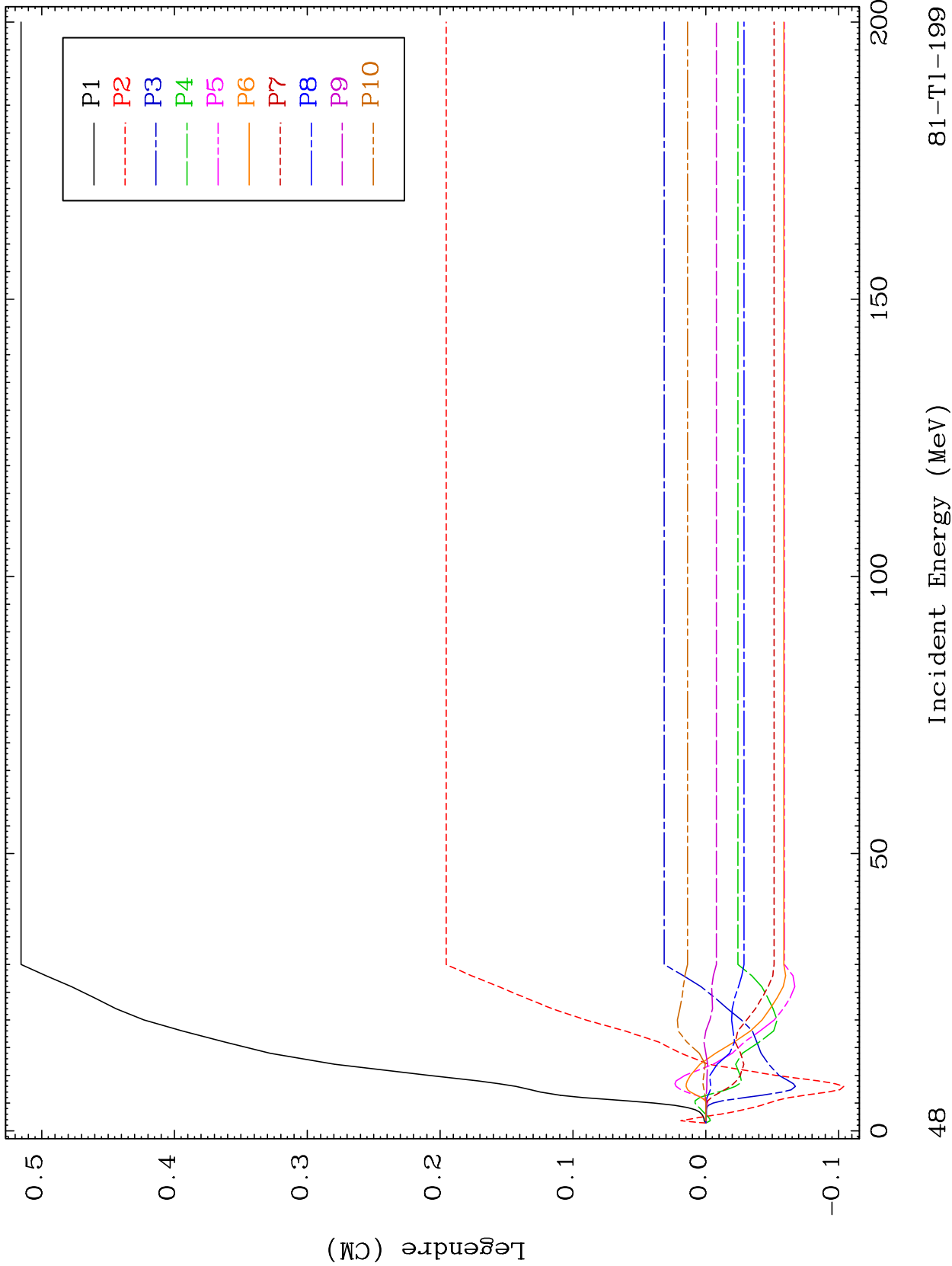
81-T1-199



MAT 81113

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

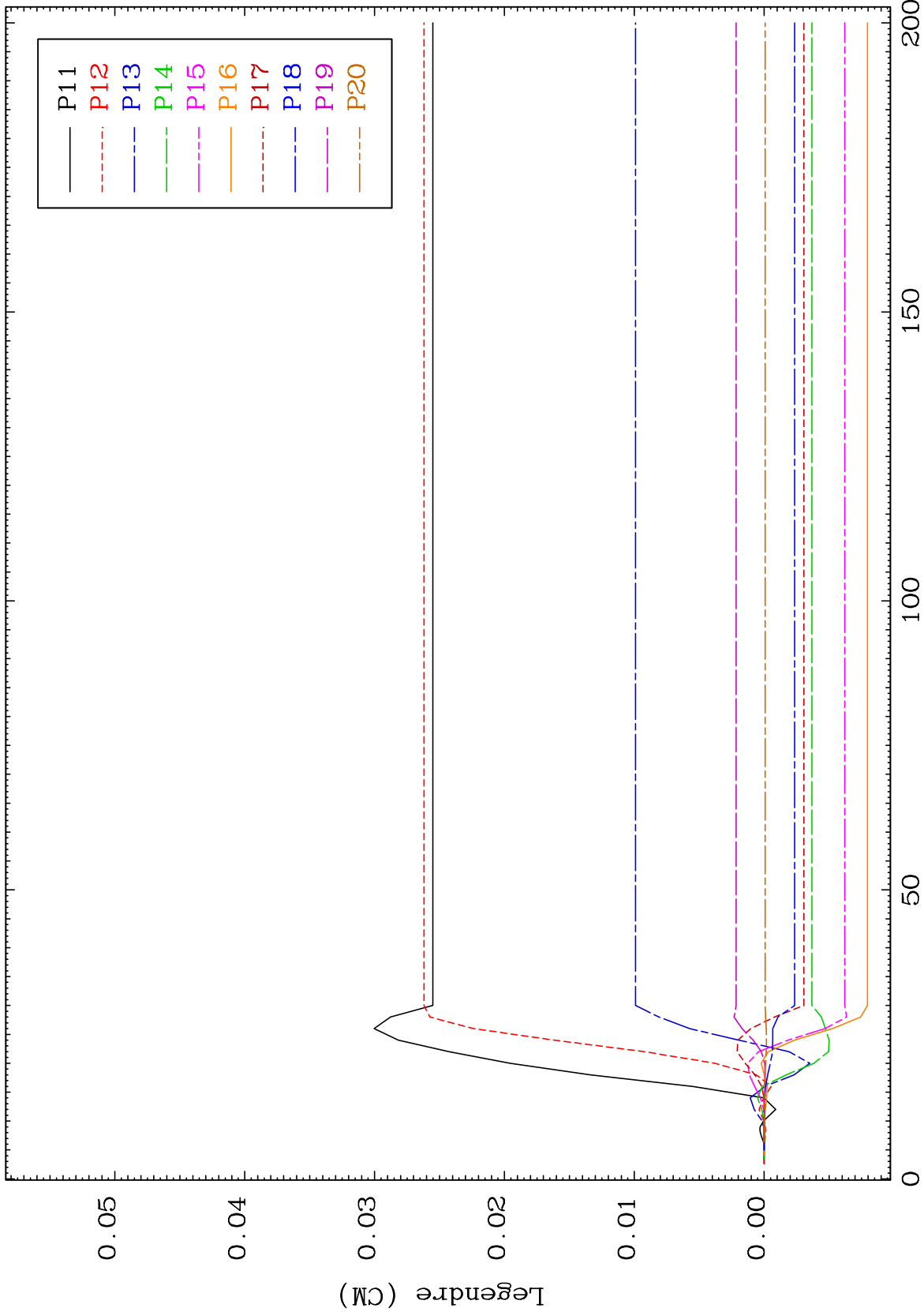
81-T1-199



MAT 81113

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

81-Tl-199



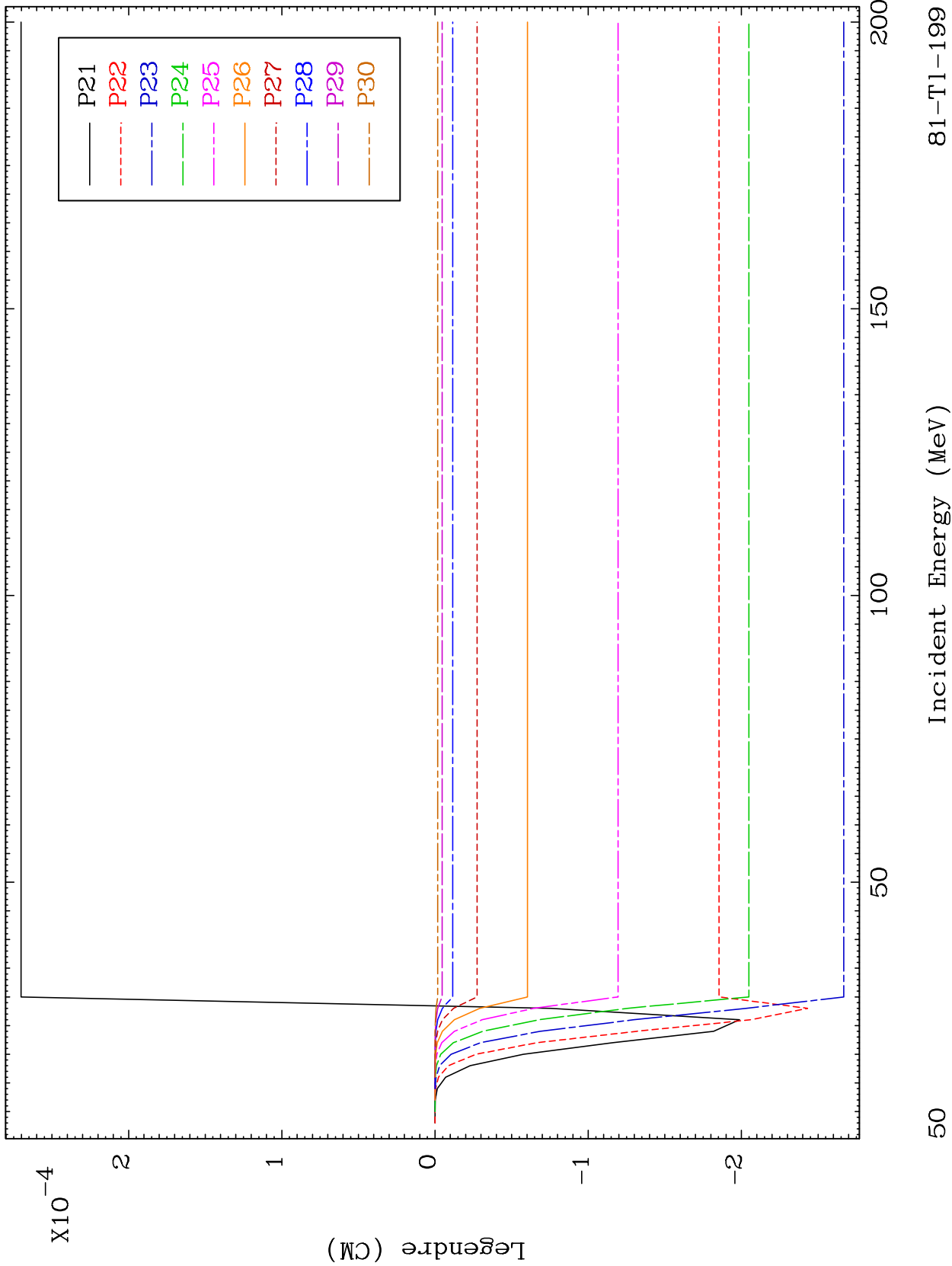
49

81-Tl-199

MAT 81113

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

81-T1-199

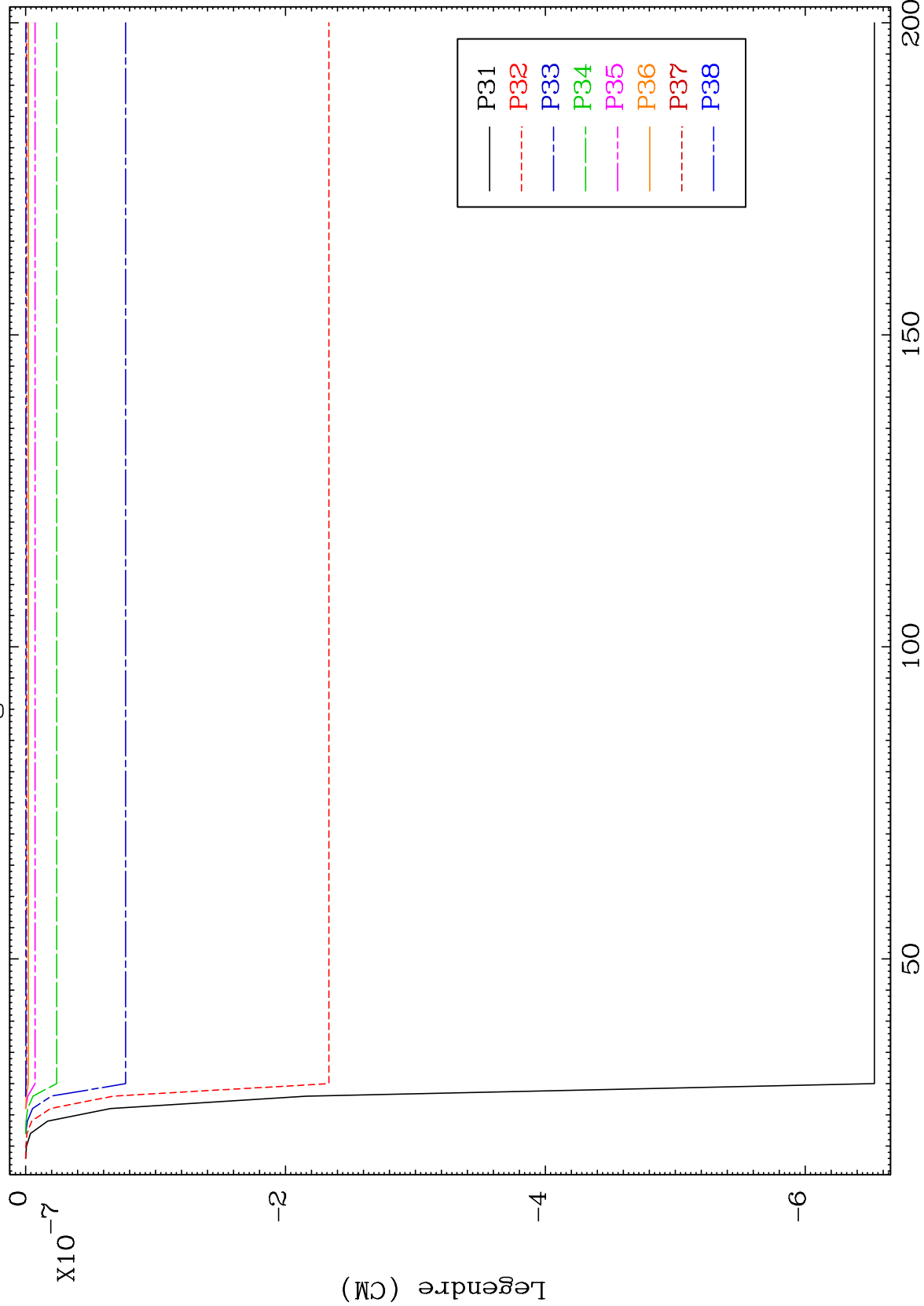


MAT 8113

MT= 58 (n,n') Level

81-Tl-199

Legendre Coefficients



51

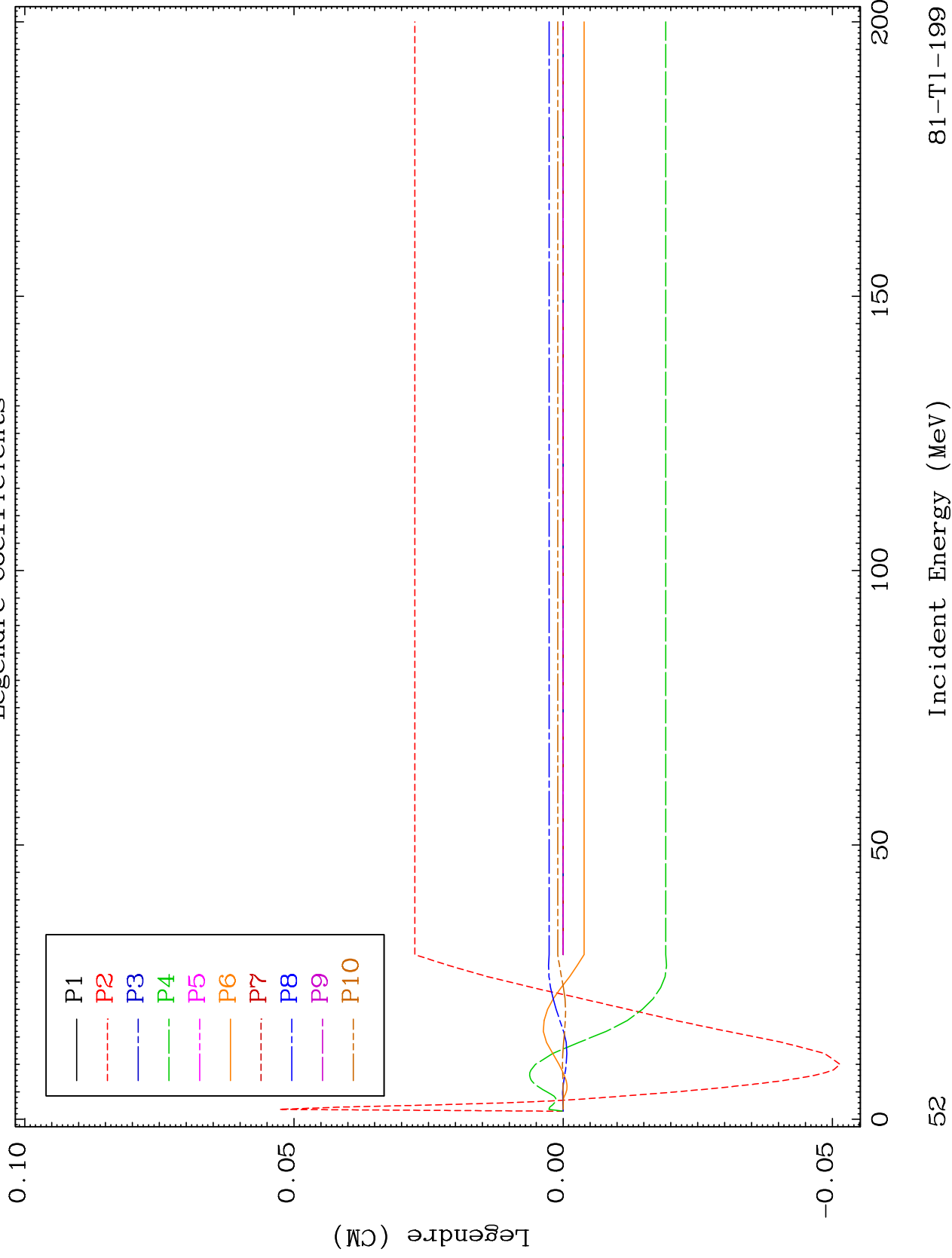
Incident Energy (MeV)

81-Tl-199

MAT 8113

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

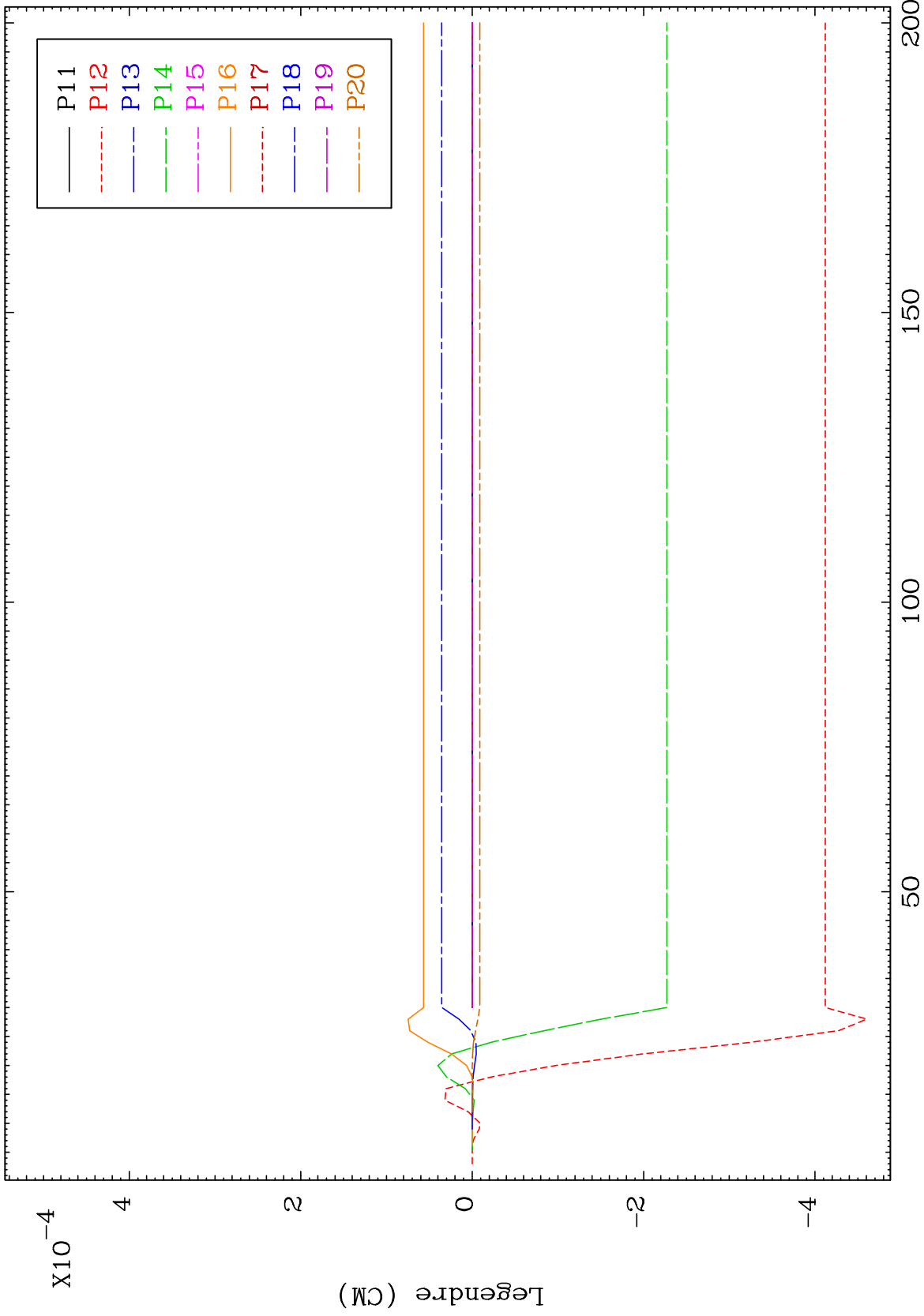
81-T1-199



MAT 81113

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

81-T1-199



53

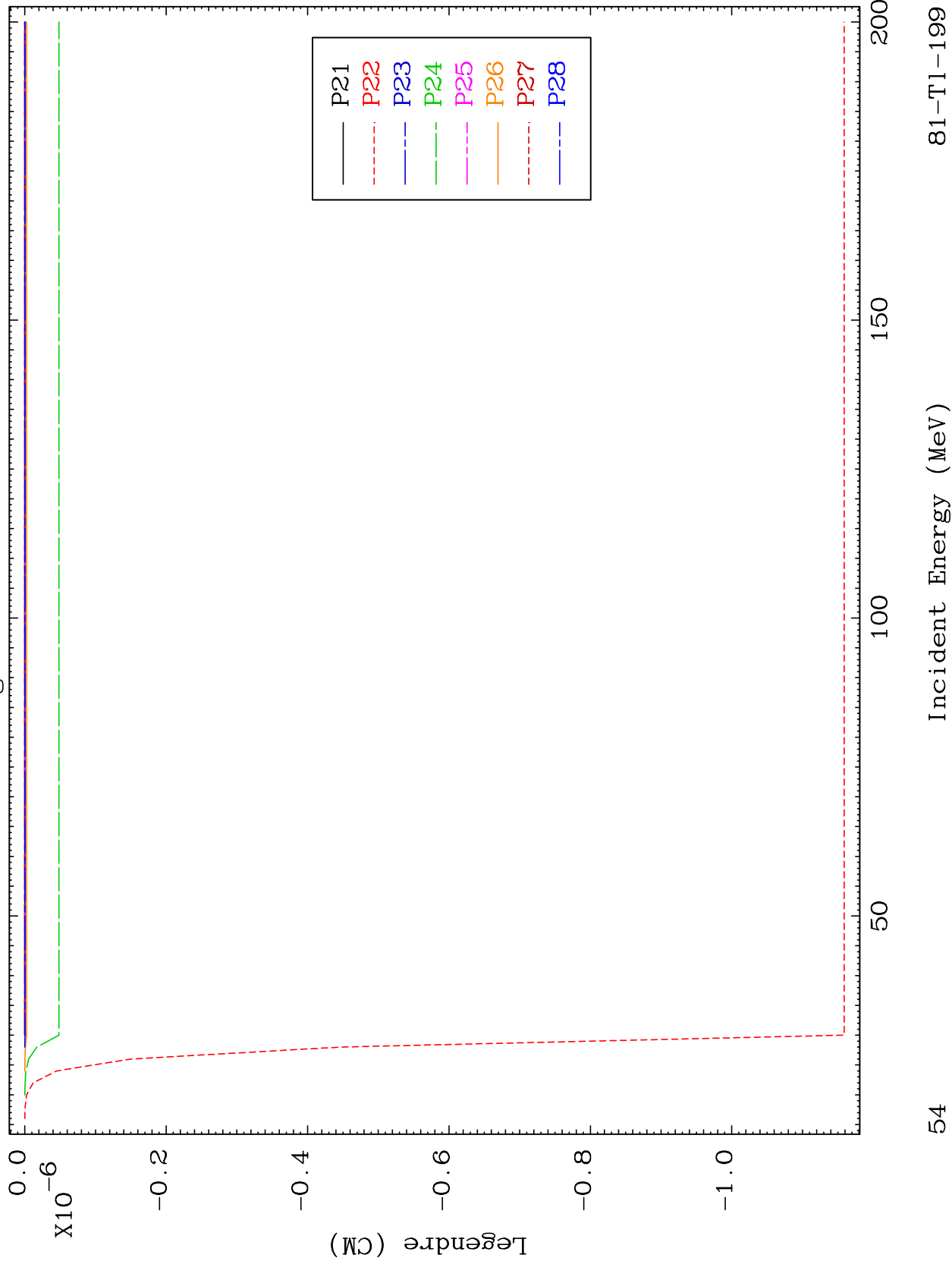
Incident Energy (MeV)

81-T1-199

MAT 8113

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

81-T1-199



54

Incident Energy (MeV)

81-T1-199

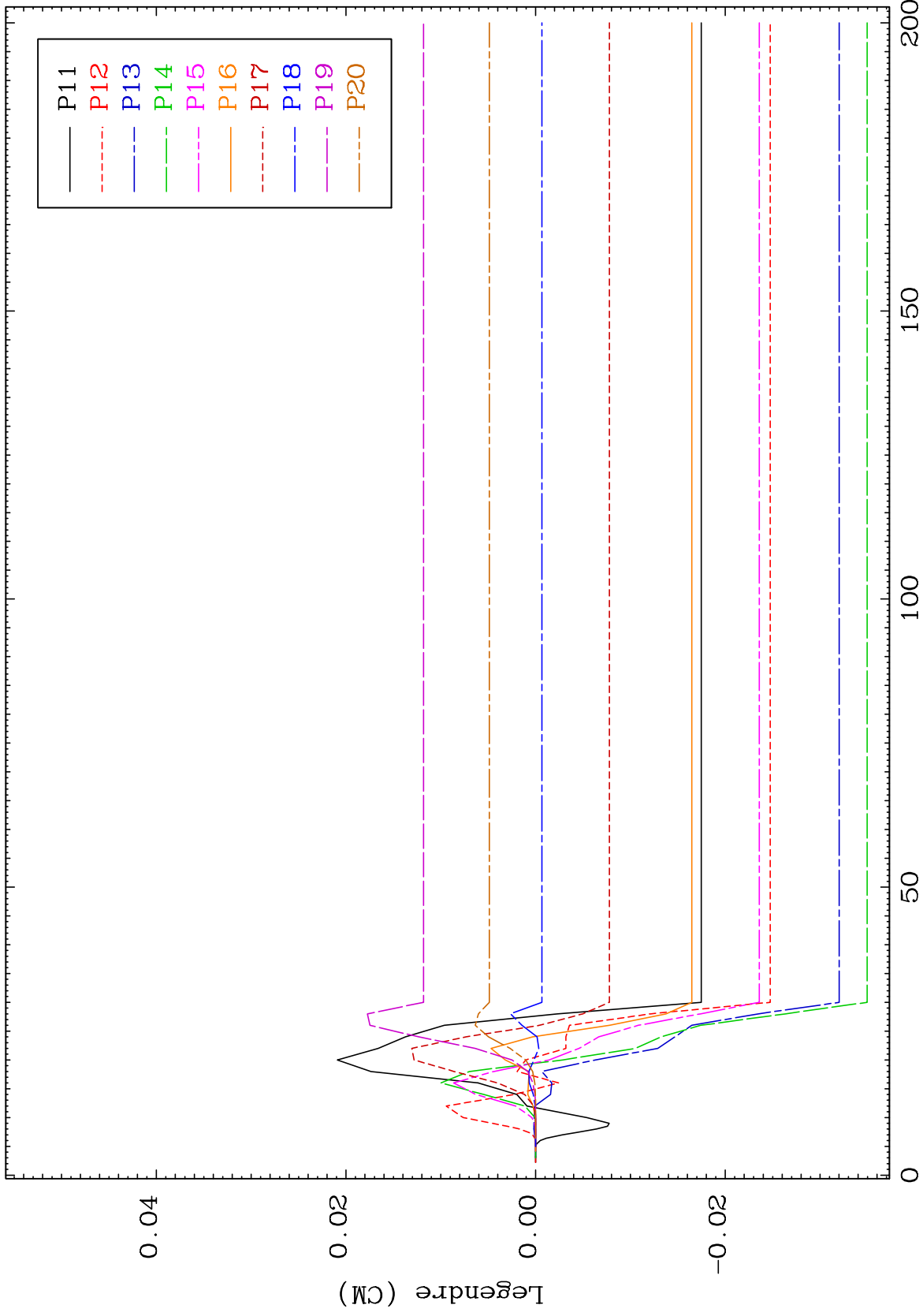




MAT 81113

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

81-Tl-199



56

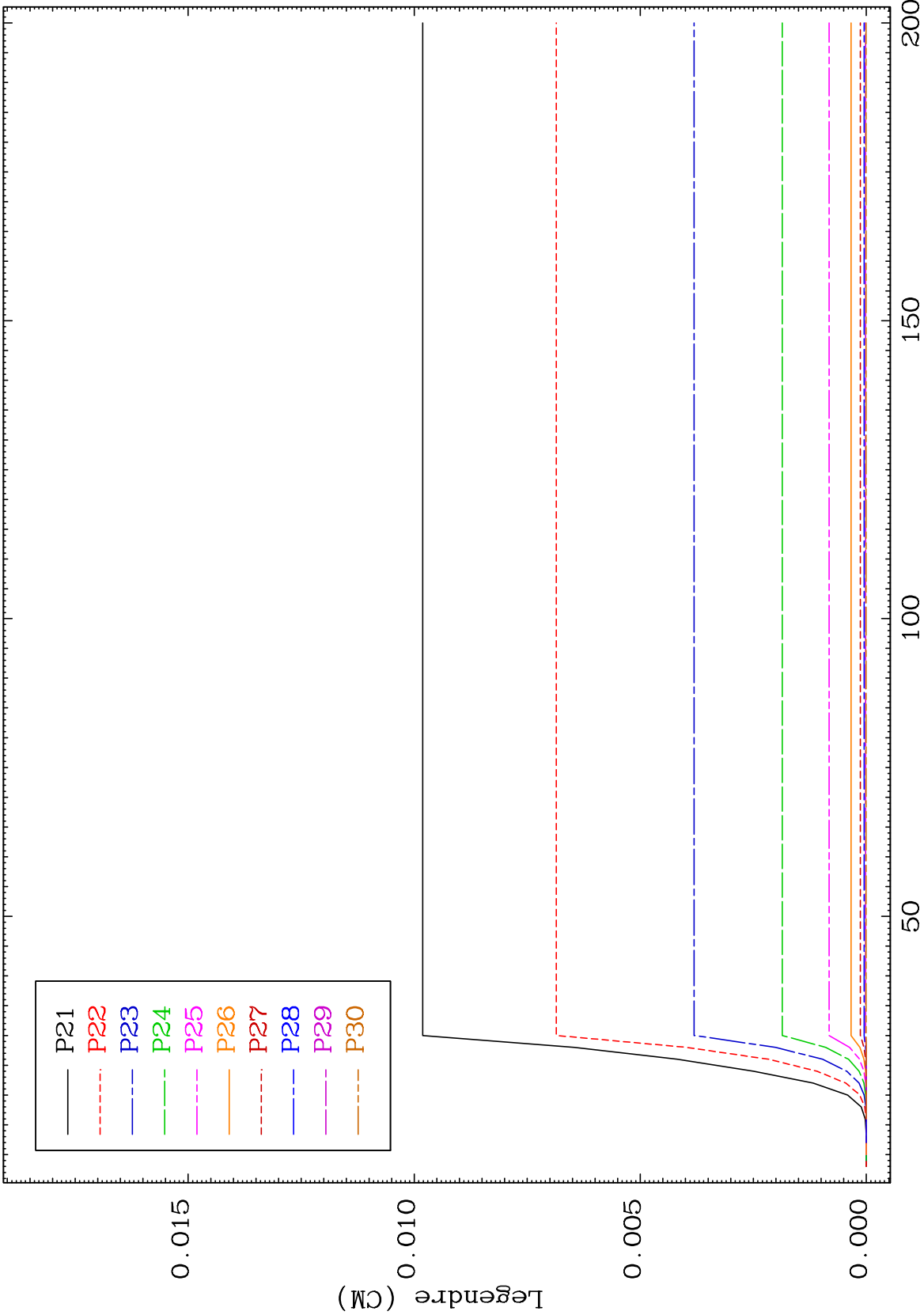
Incident Energy (MeV)

81-Tl-199

MAT 81113

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

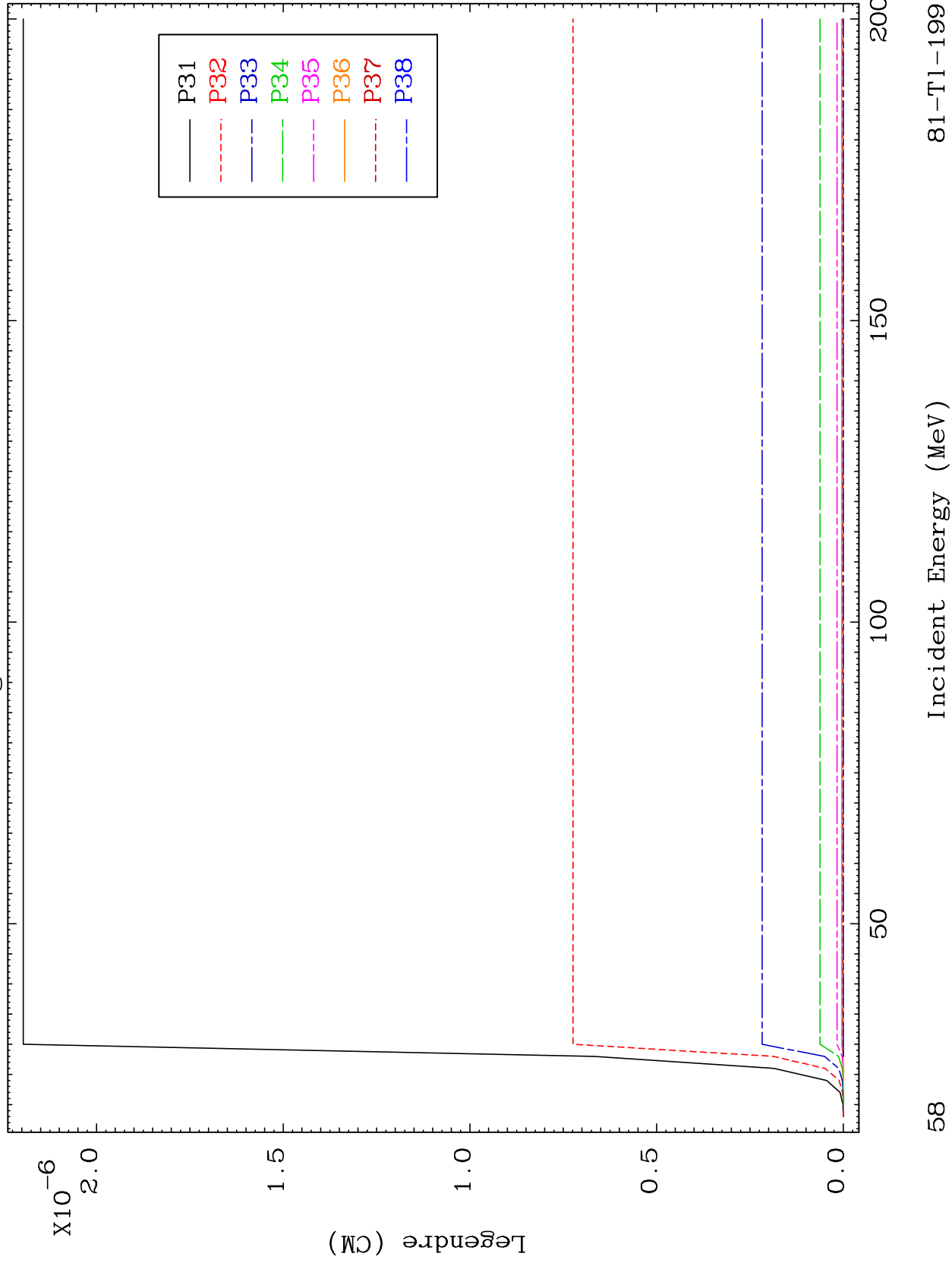
81-T1-199



MAT 8113

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

81-T1-199



58

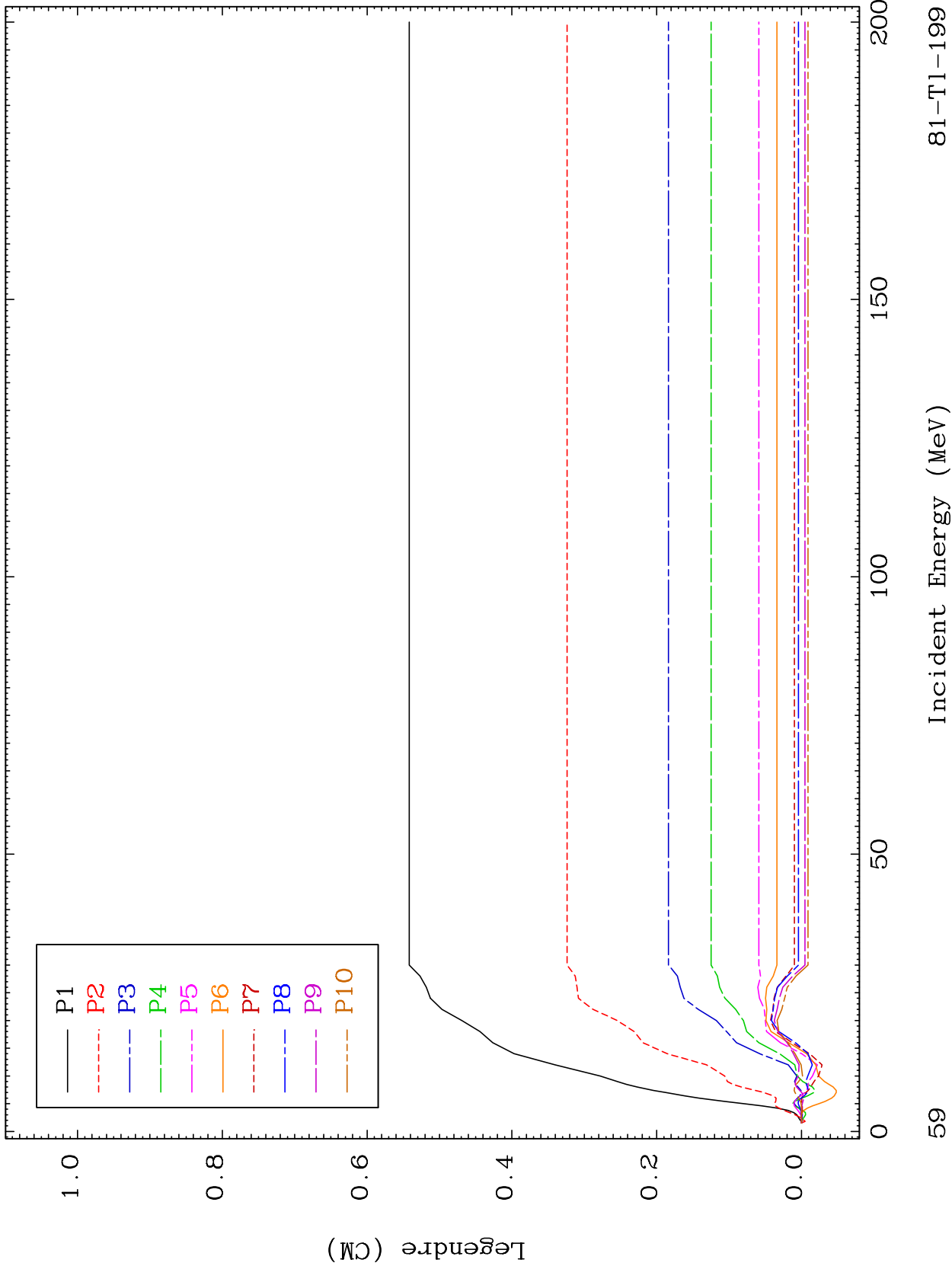
Incident Energy (MeV)

81-T1-199

MAT 81113

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

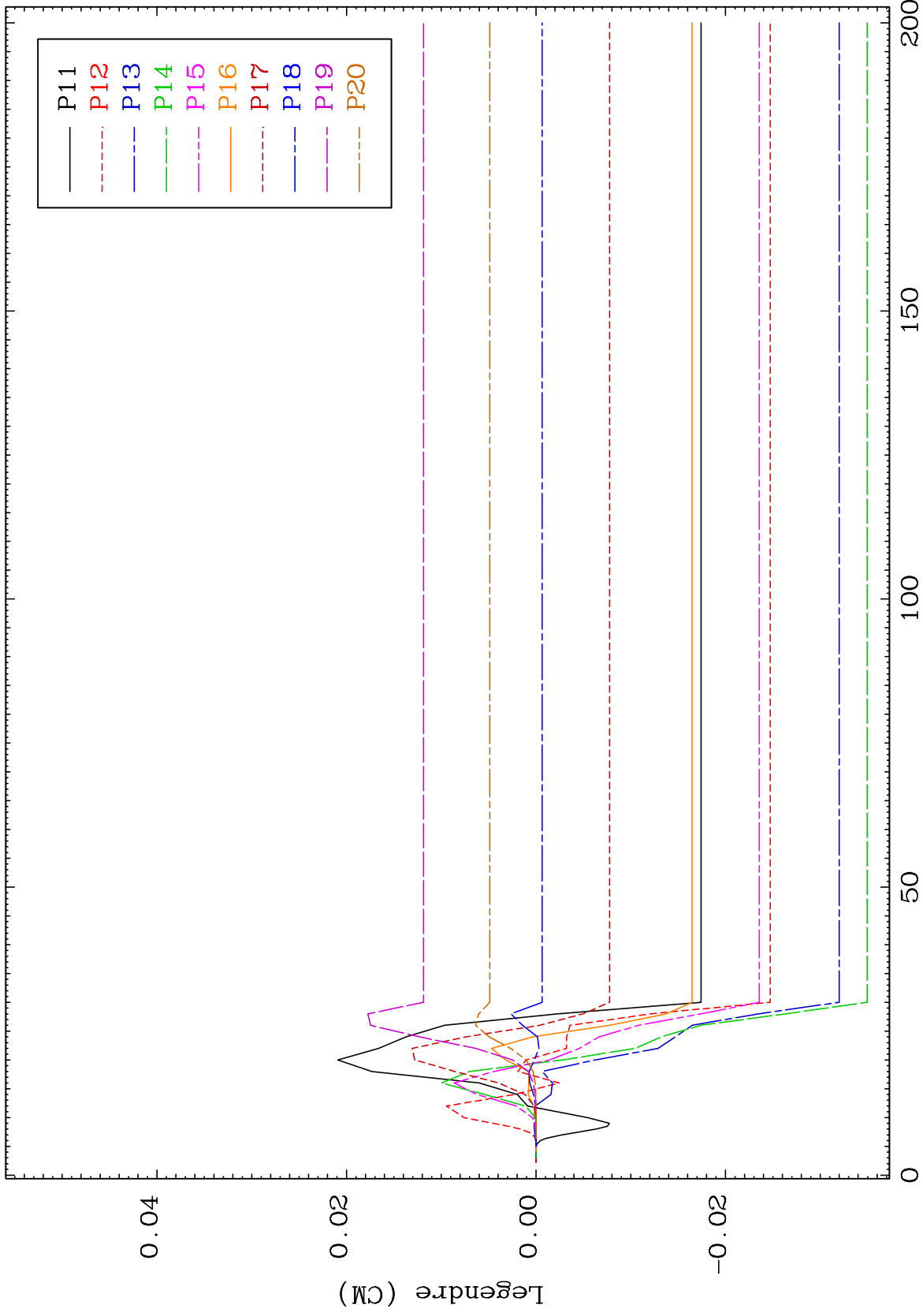
81-T1-199



MAT 81113

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

81-T1-199



60

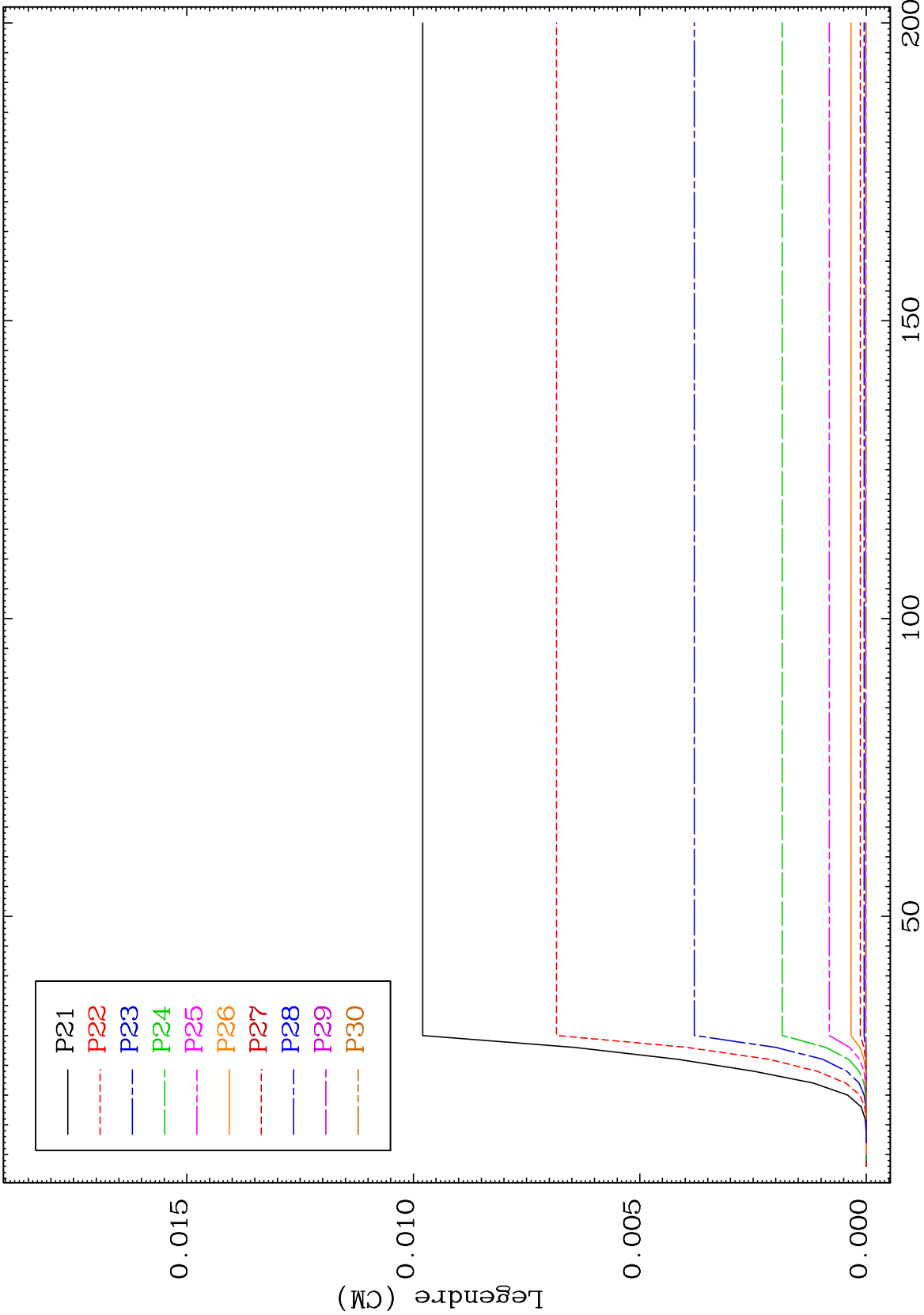
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



61

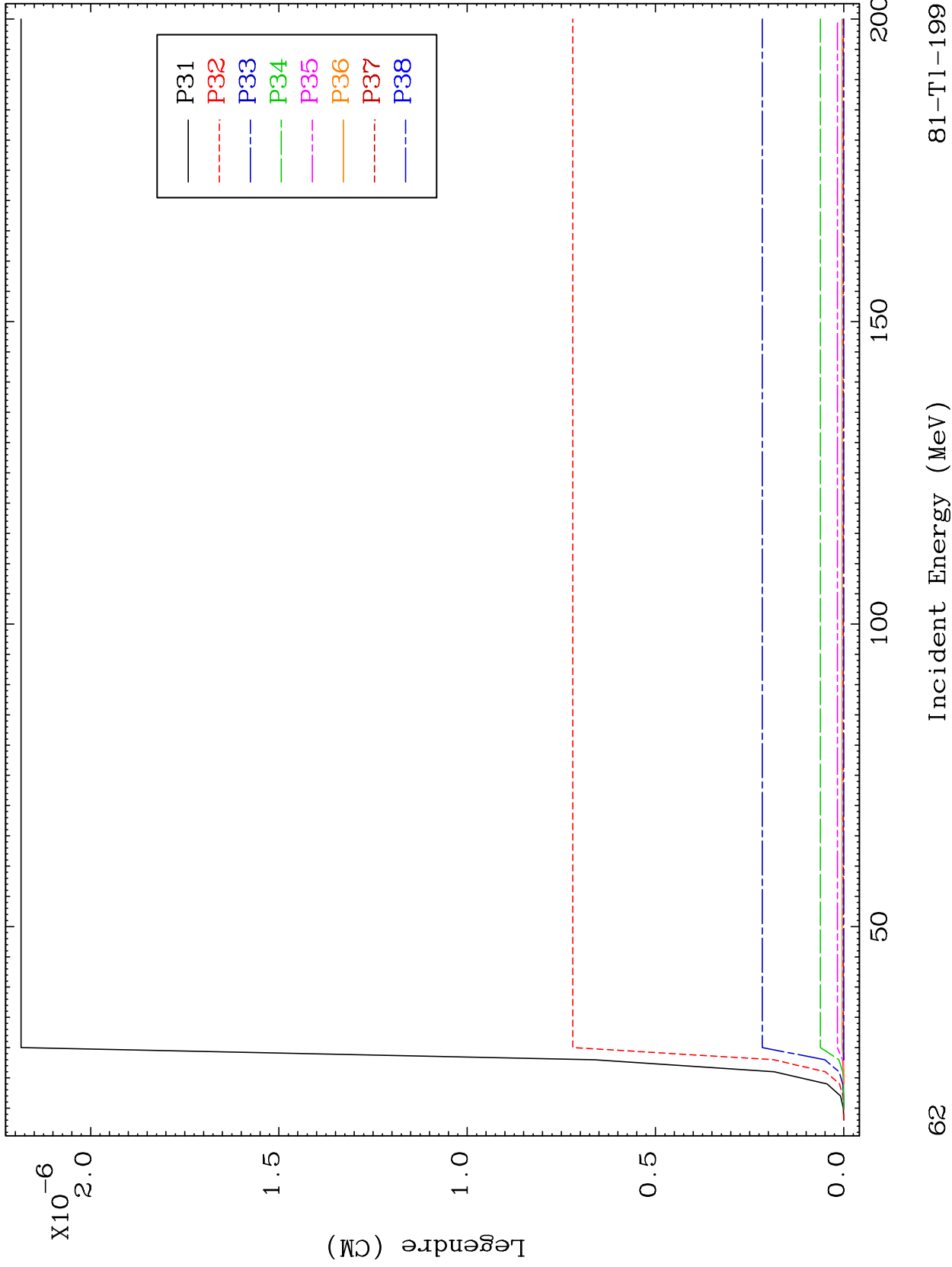
Incident Energy (MeV)

81-T1-199

MAT 8113

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

81-T1-199



62

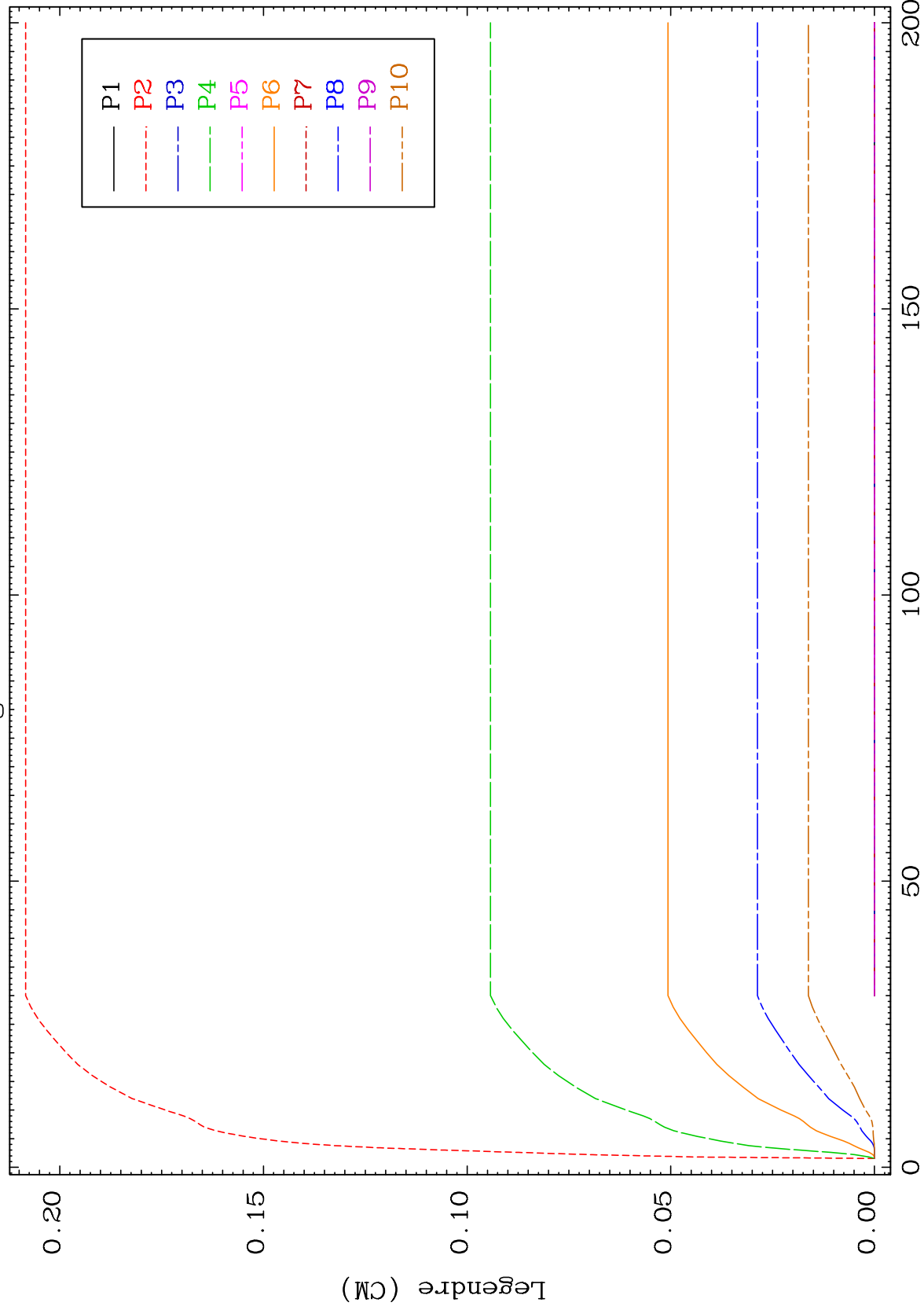
Incident Energy (MeV)

81-T1-199

MAT 8113

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

81-T1-199



63

Incident Energy (MeV)

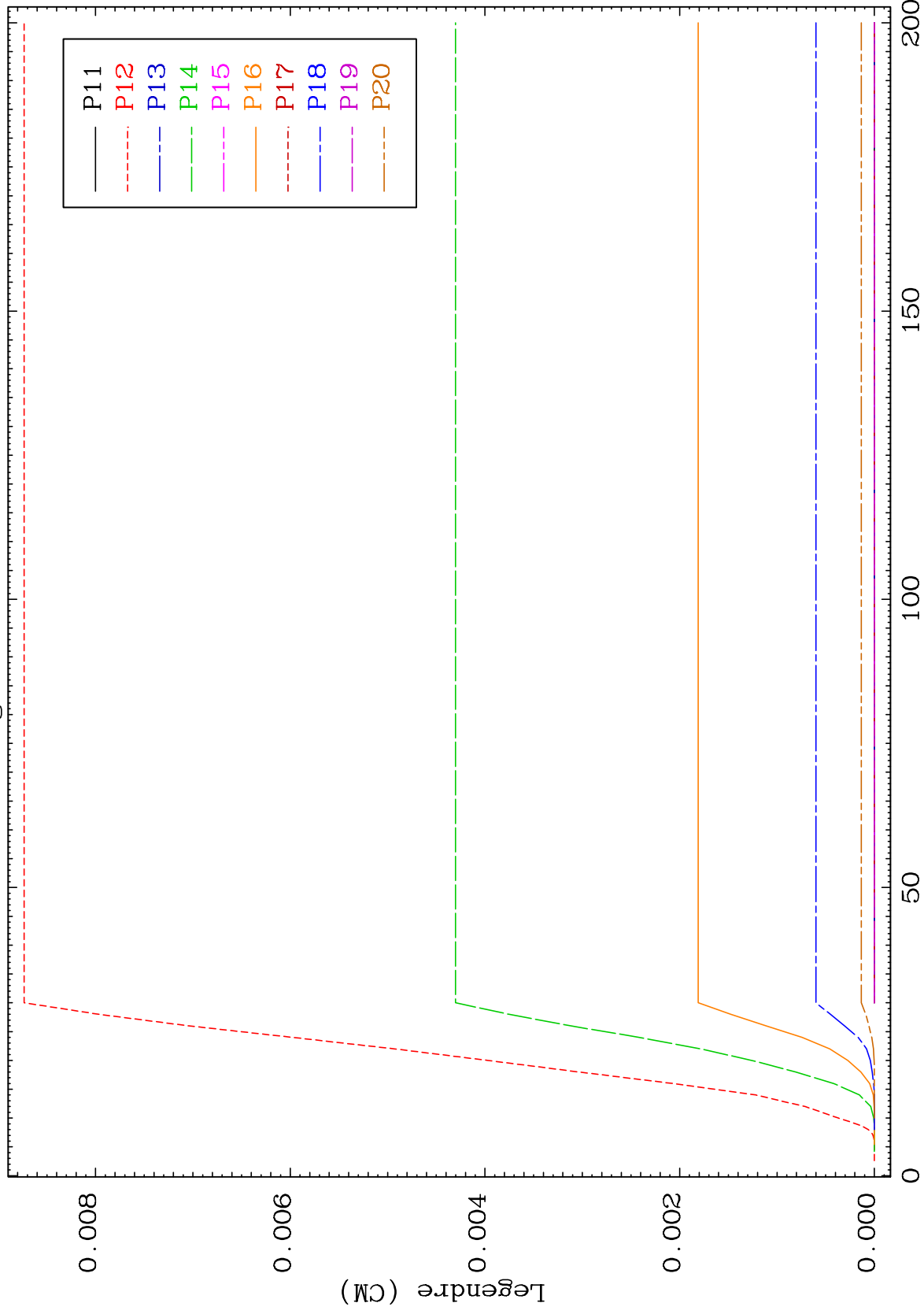
81-T1-199



MAT 81113

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

81-T1-199



64

Incident Energy (MeV)

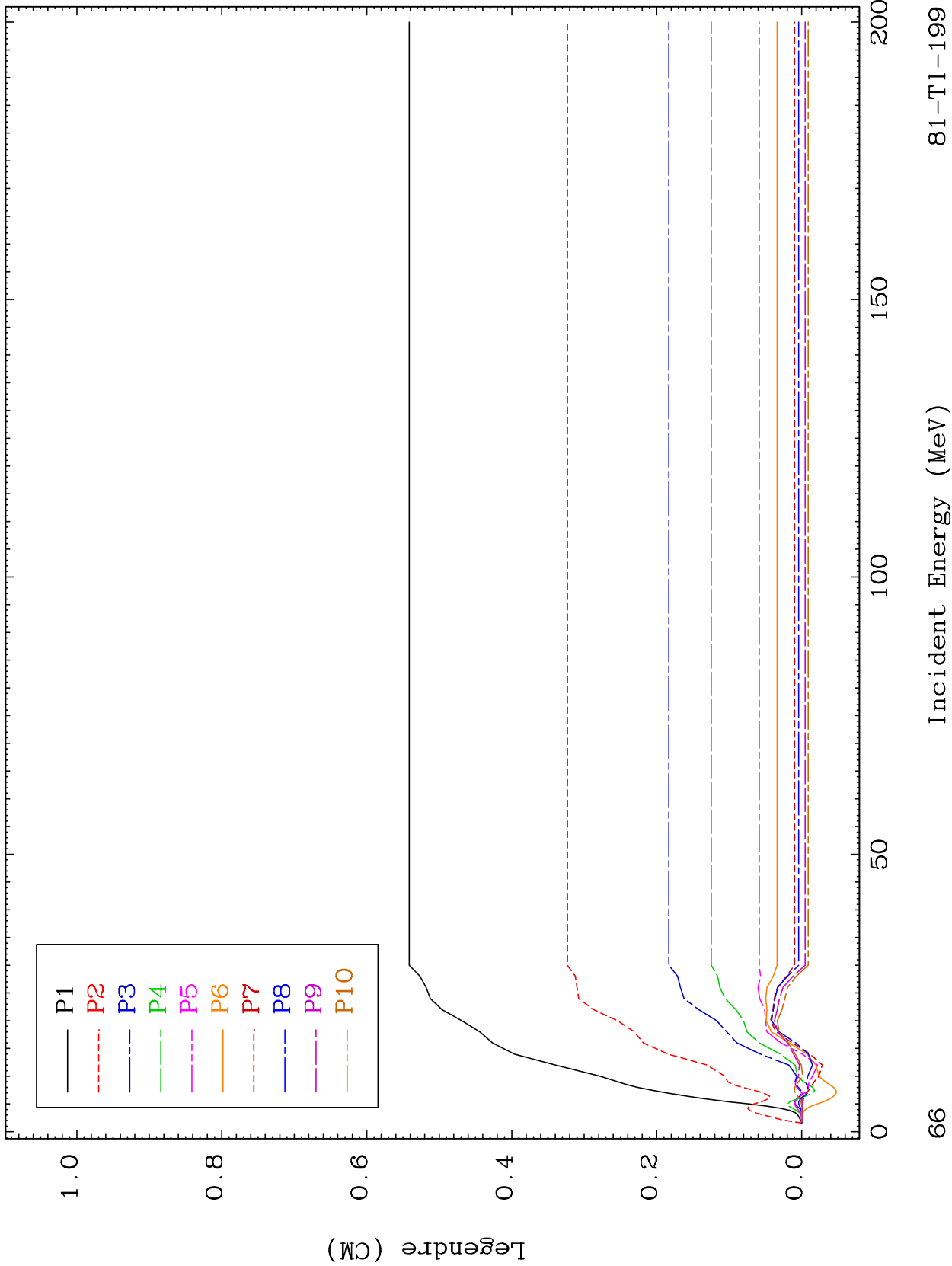
81-T1-199



MAT 81113

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

81-T1-199

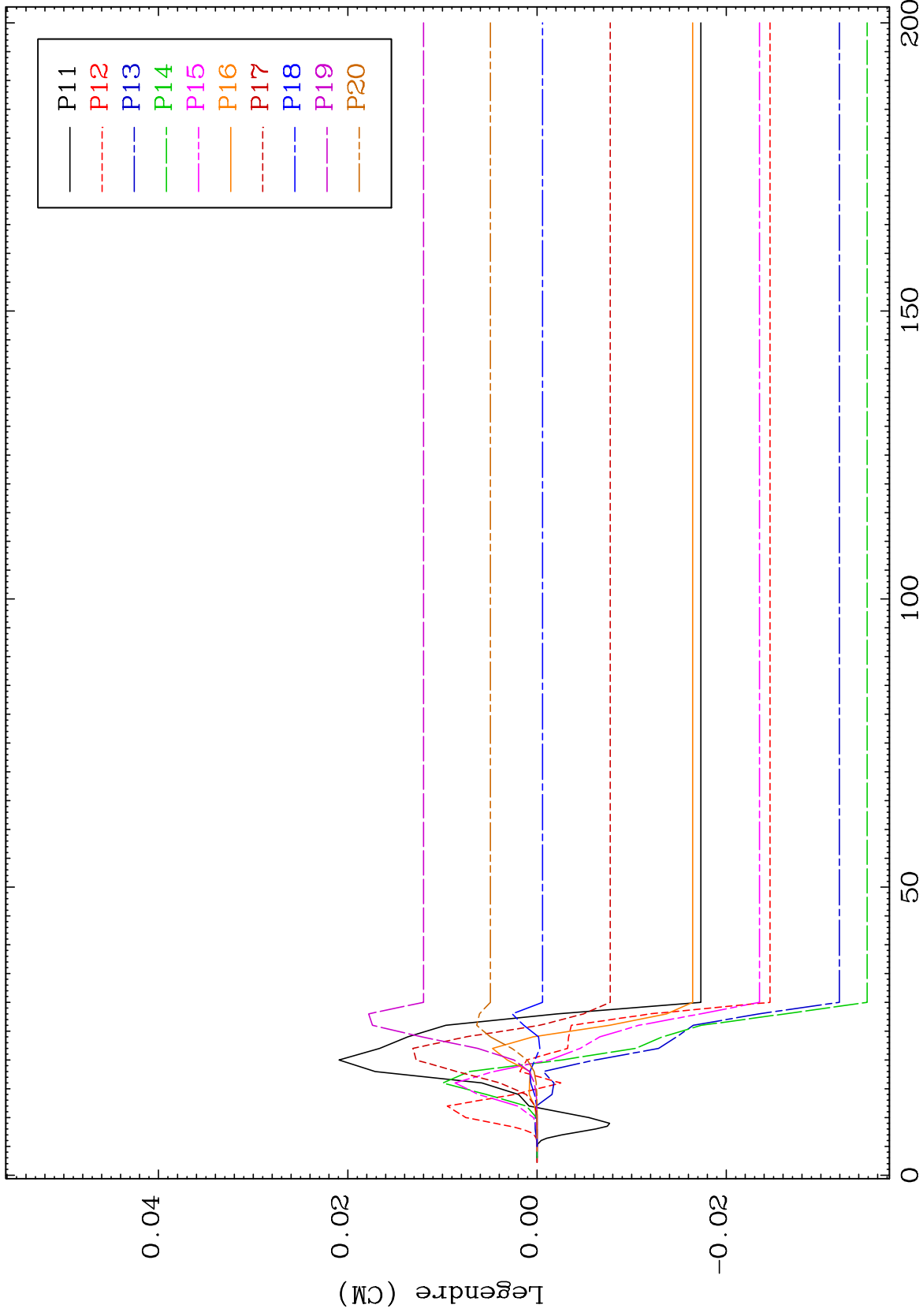


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MAT 81113

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

81-T1-199



67

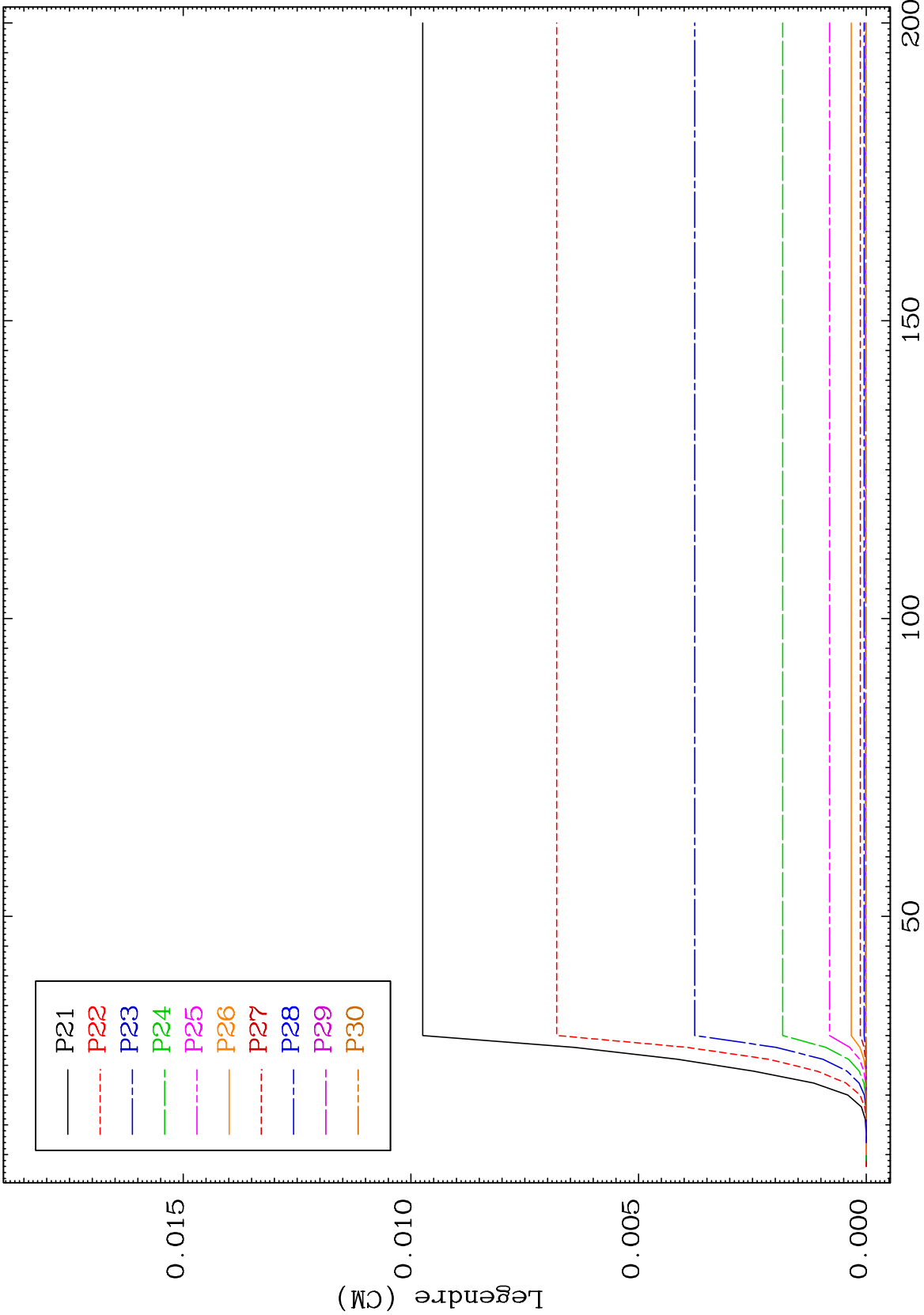
Incident Energy (MeV)

81-T1-199

MAT 8113

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

81-T1-199



68

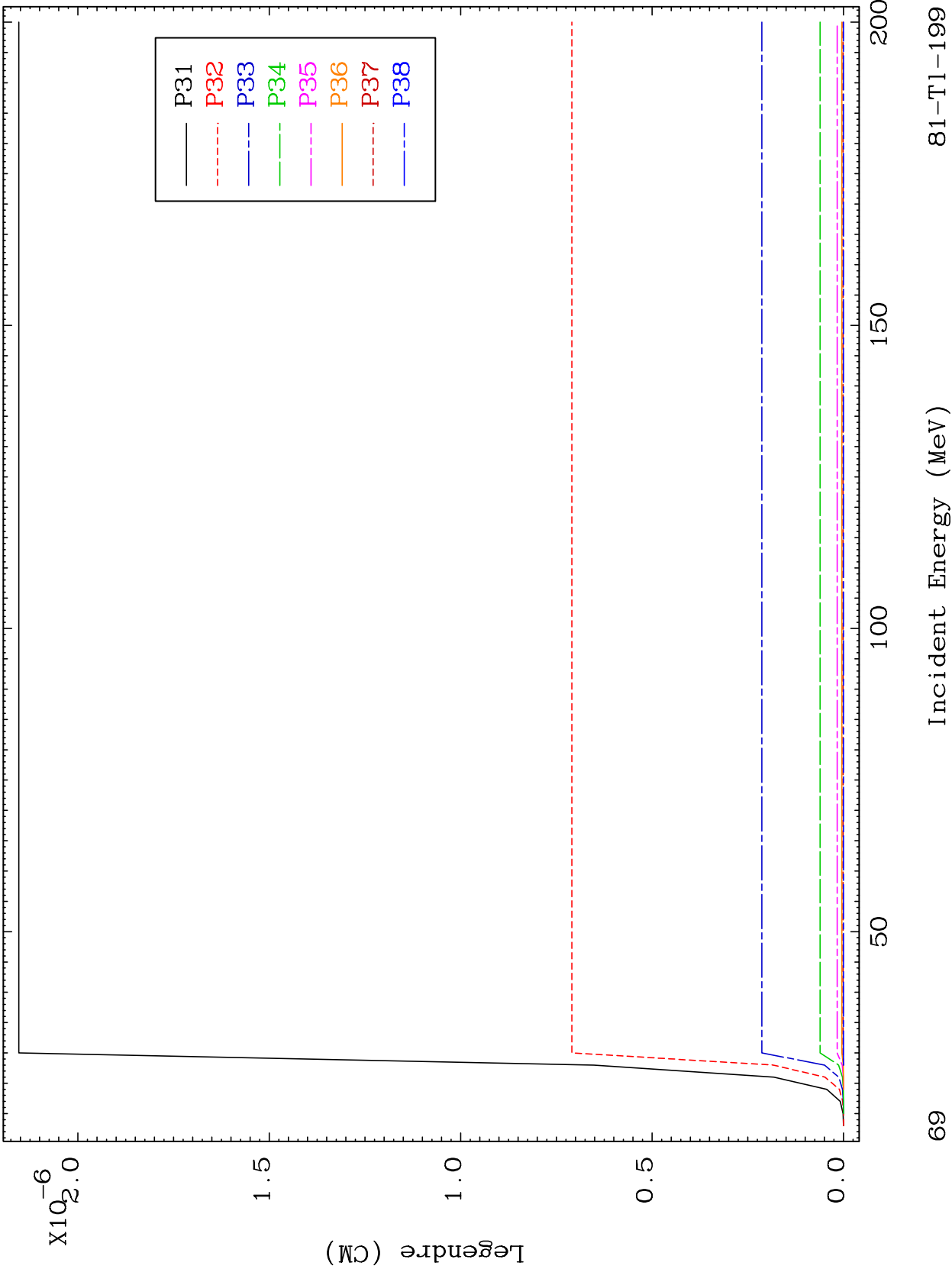
Incident Energy (MeV)

81-T1-199

MAT 8113

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

81-T1-199



69

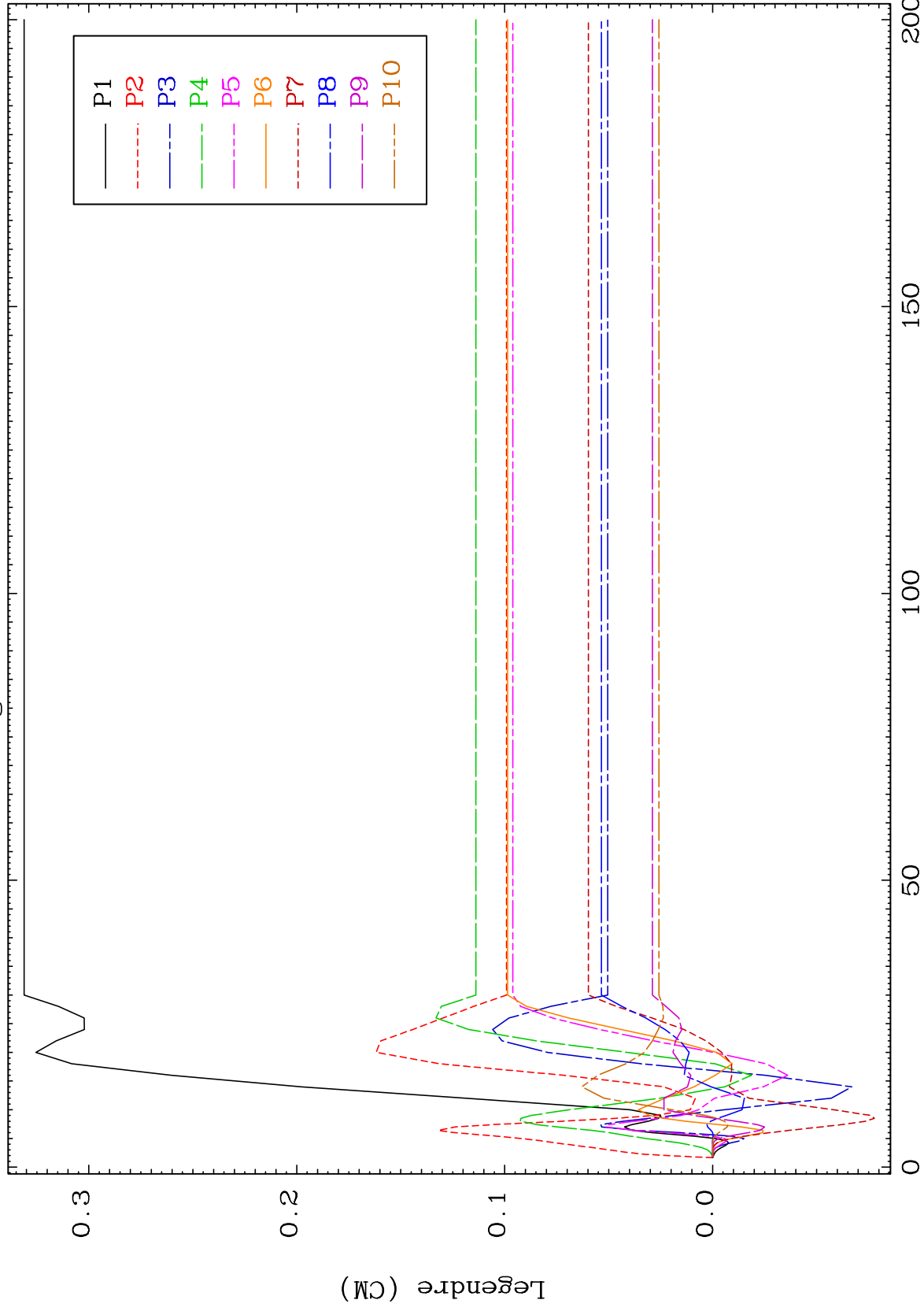
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



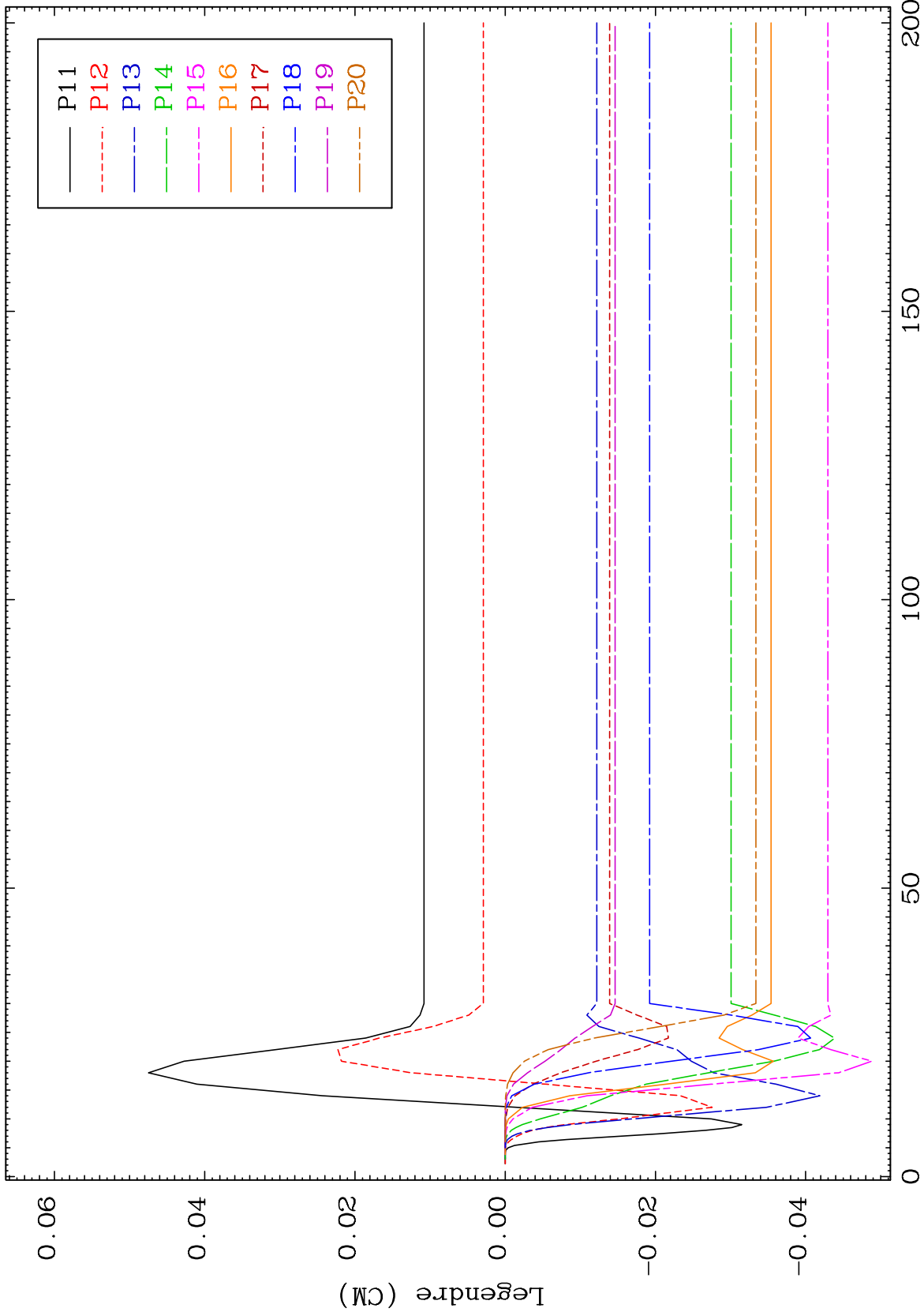
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



71

Incident Energy (MeV)

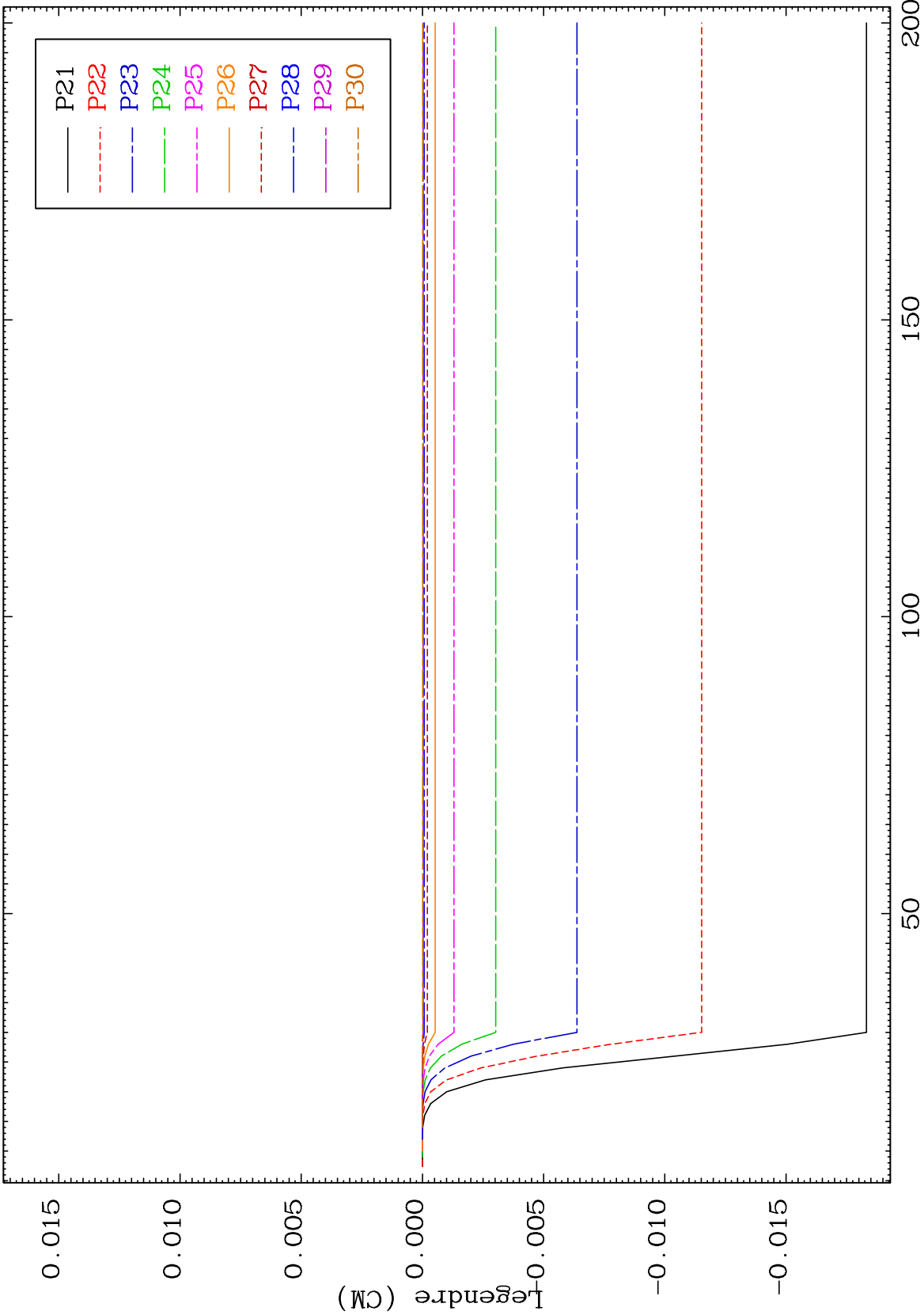
81-T1-199



MAT 81113

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

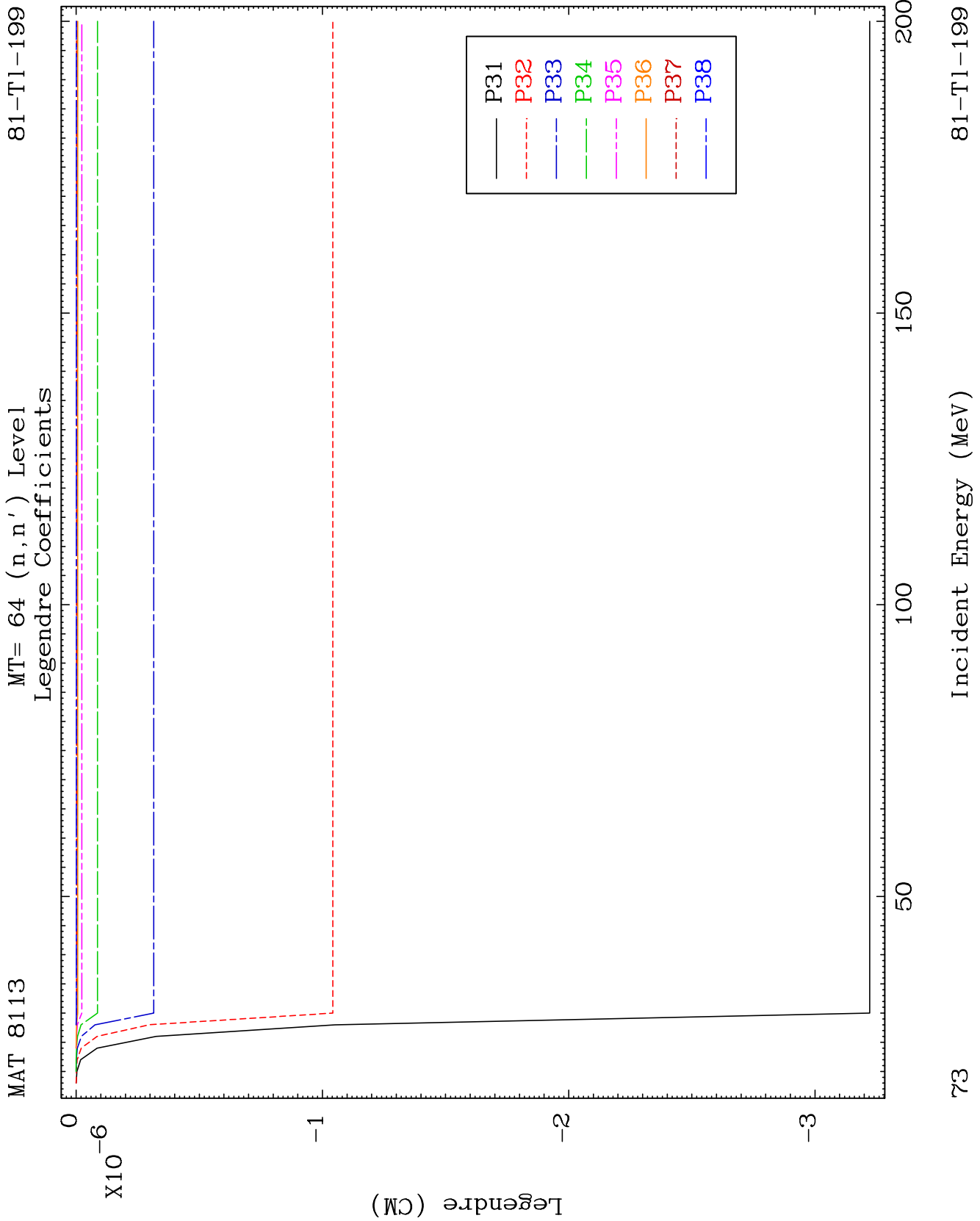
81-T1-199



72

Incident Energy (MeV)

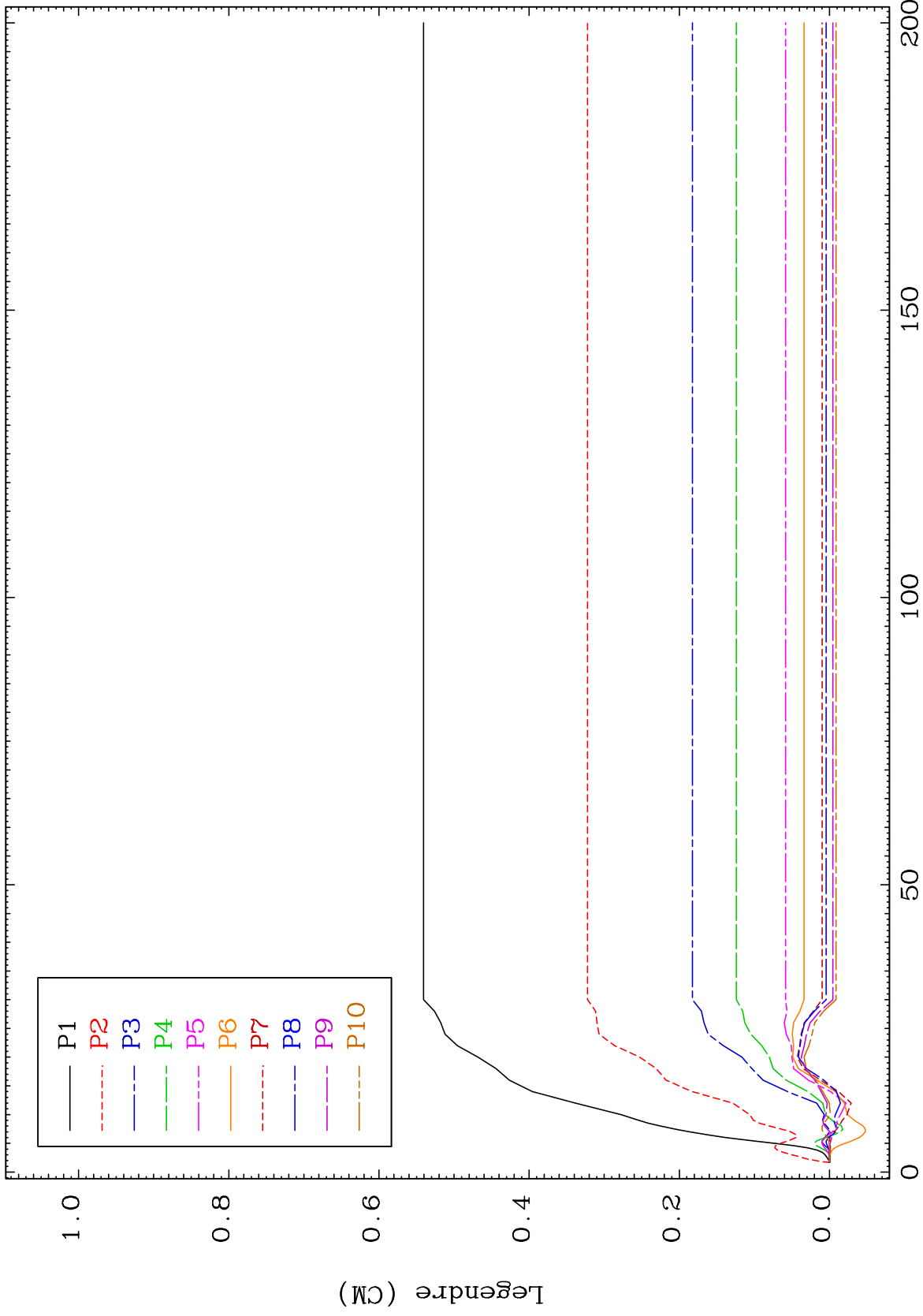
81-T1-199



MAT 81113

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

81-T1-199



74

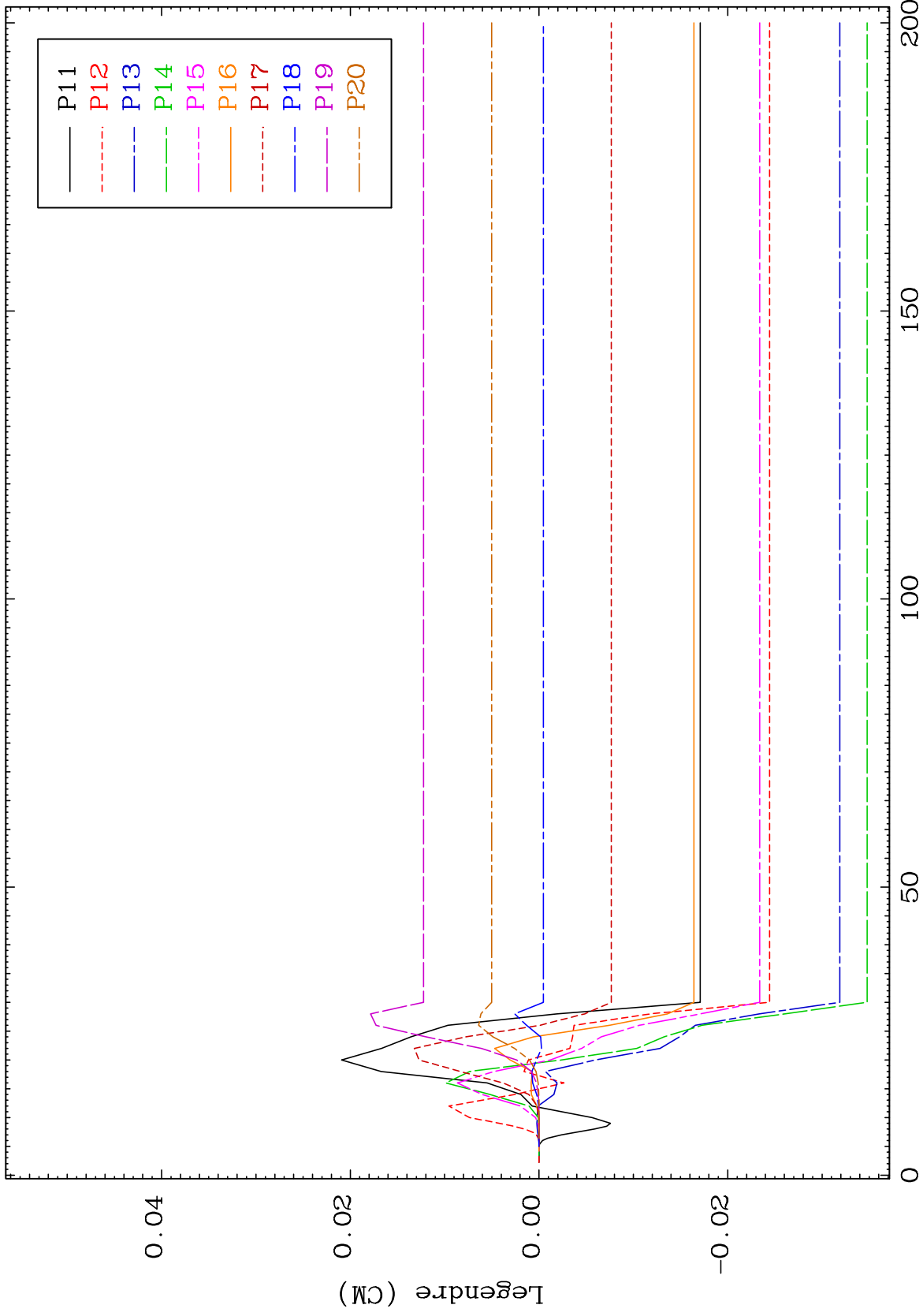
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



75

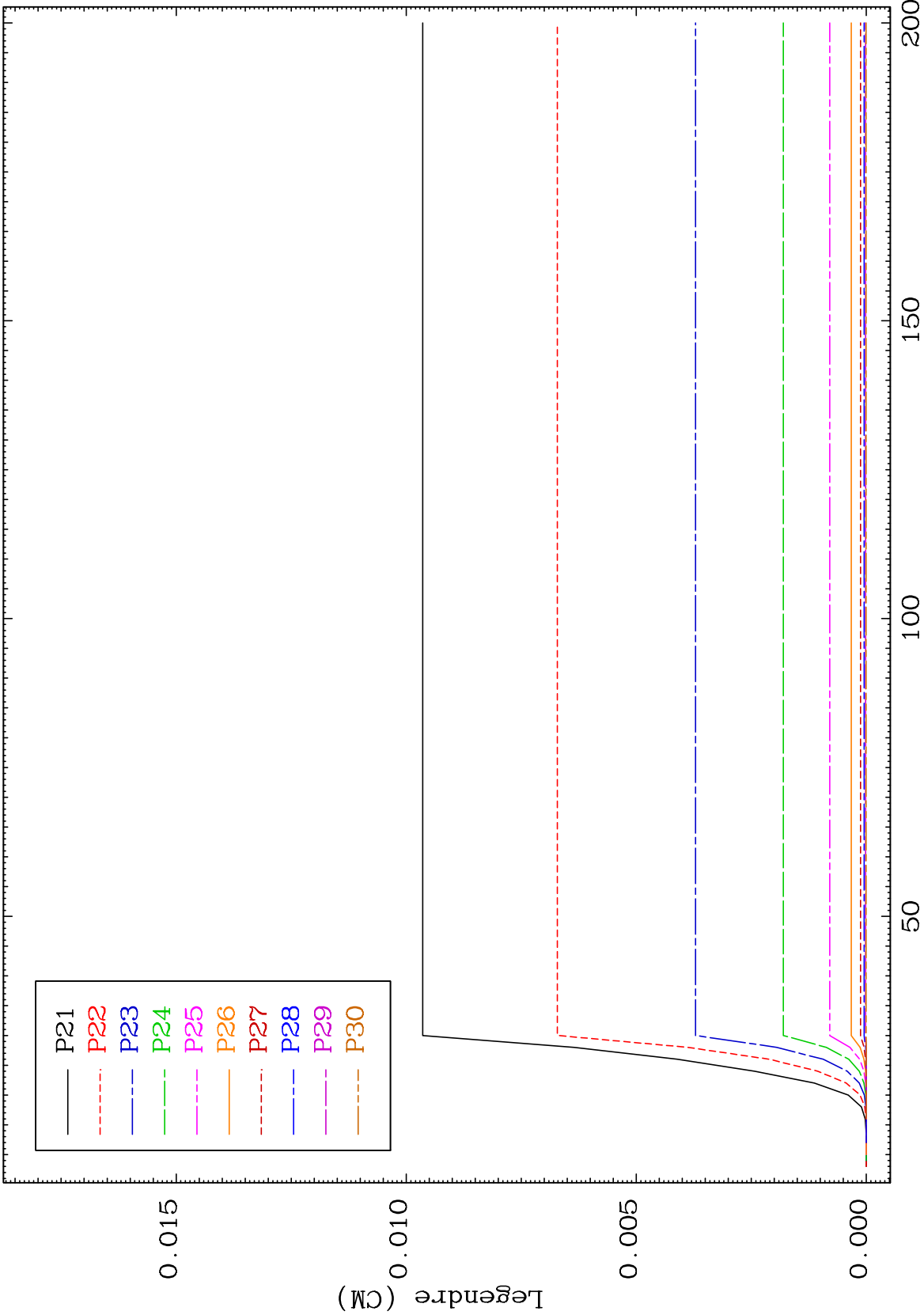
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-Tl-199



76

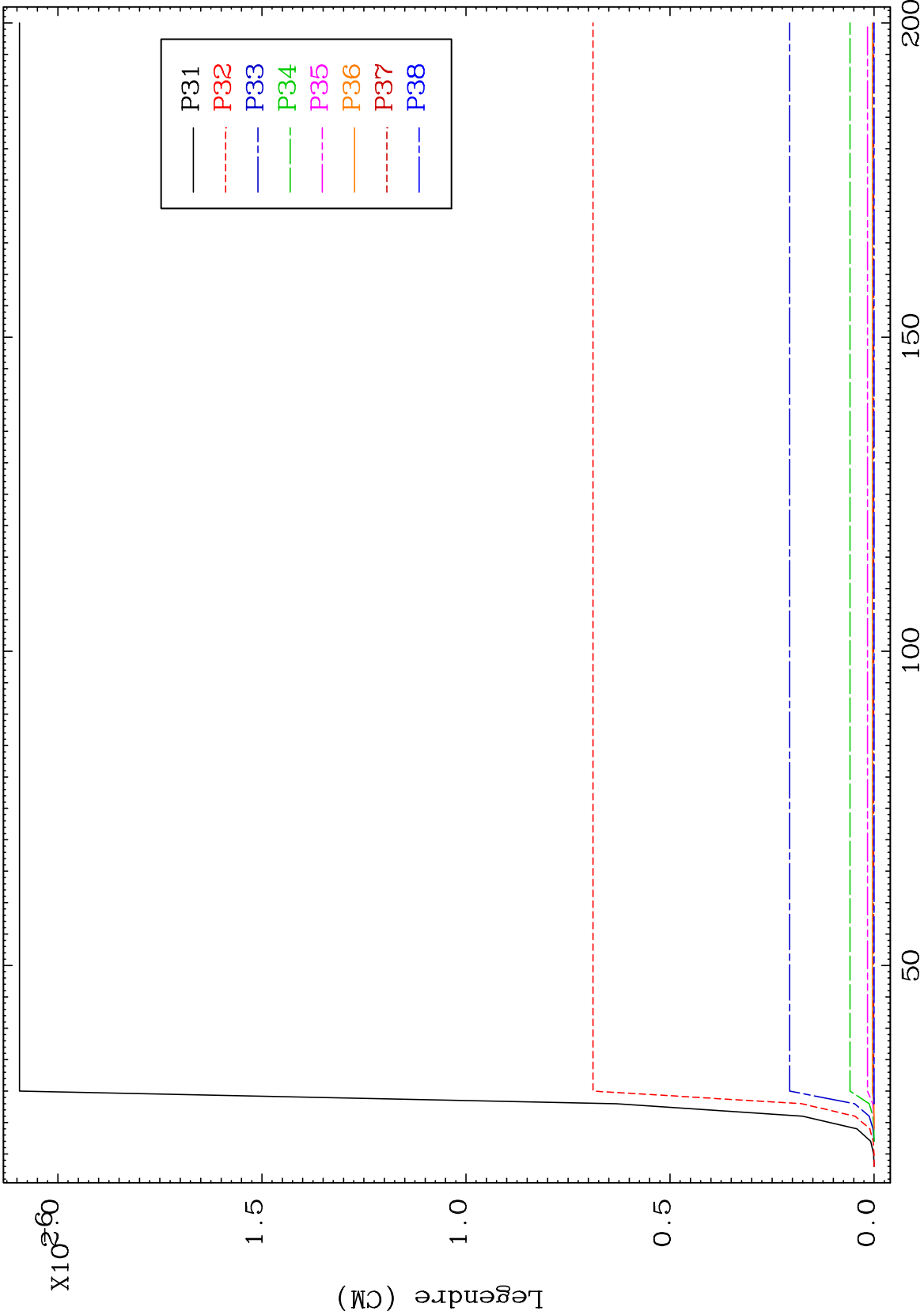
Incident Energy (MeV)

81-Tl-199

MAT 8113

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

81-T1-199



77

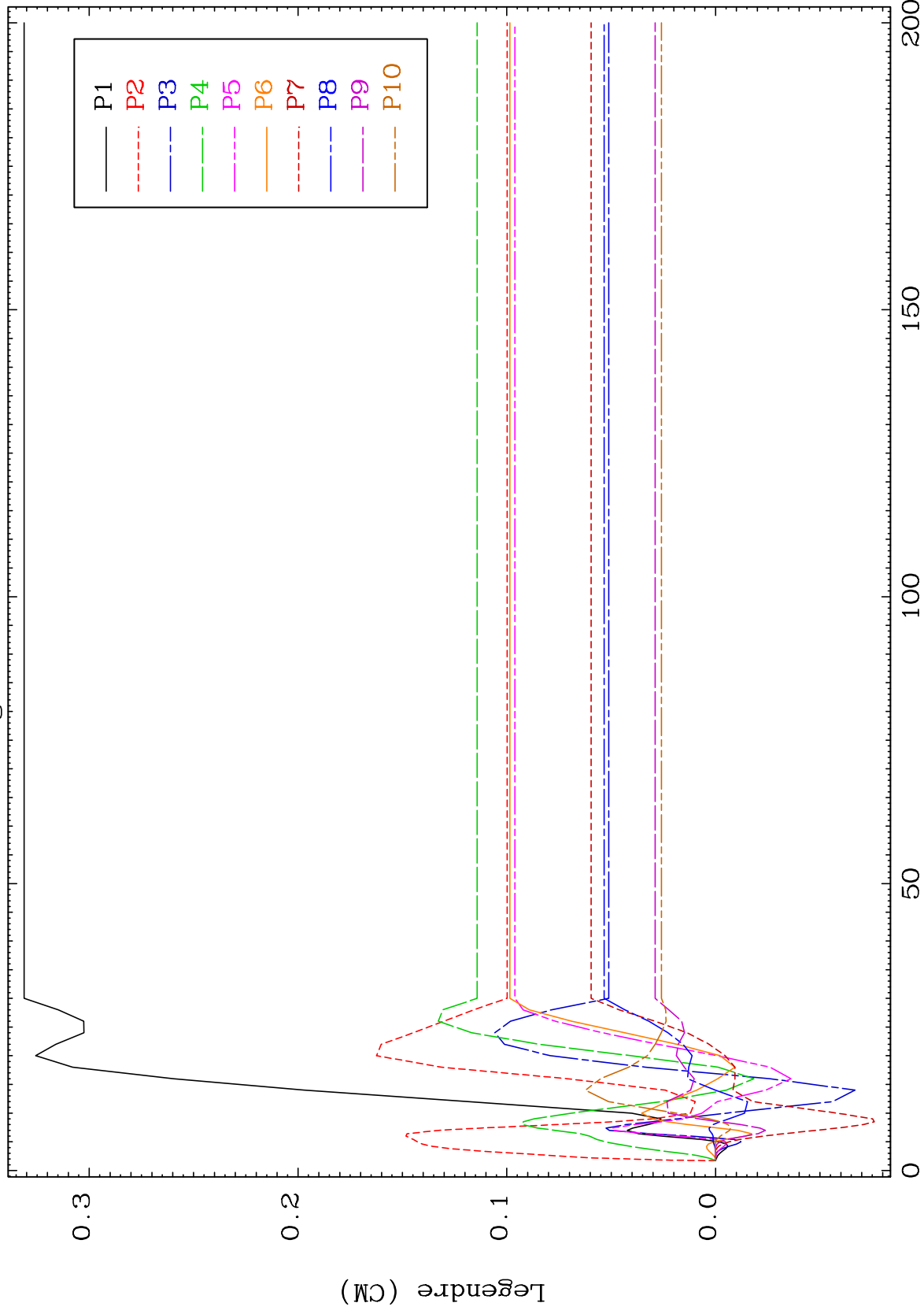
Incident Energy (MeV)

81-T1-199

MAT 8113

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

81-T1-199



78

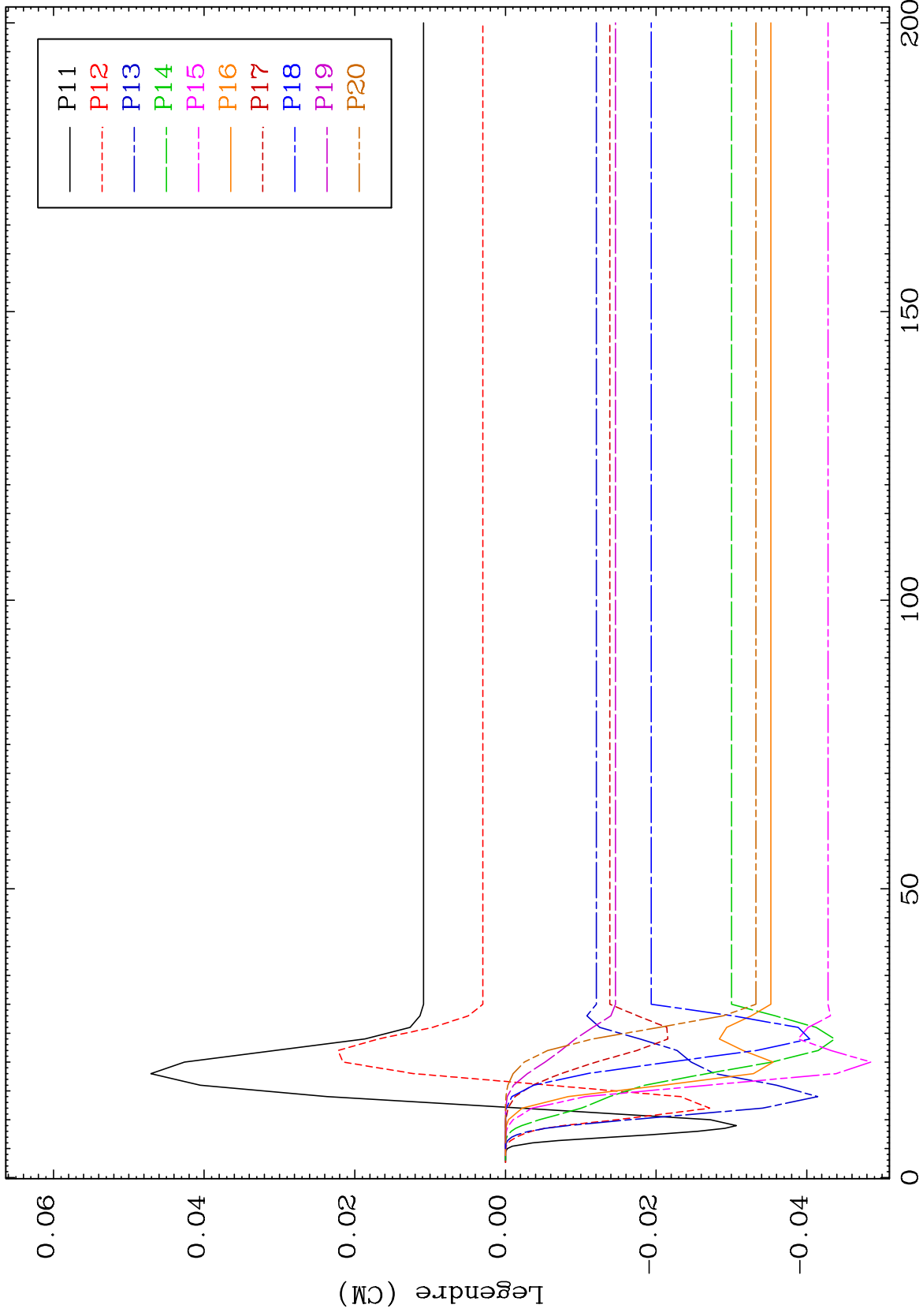
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



79

Incident Energy (MeV)

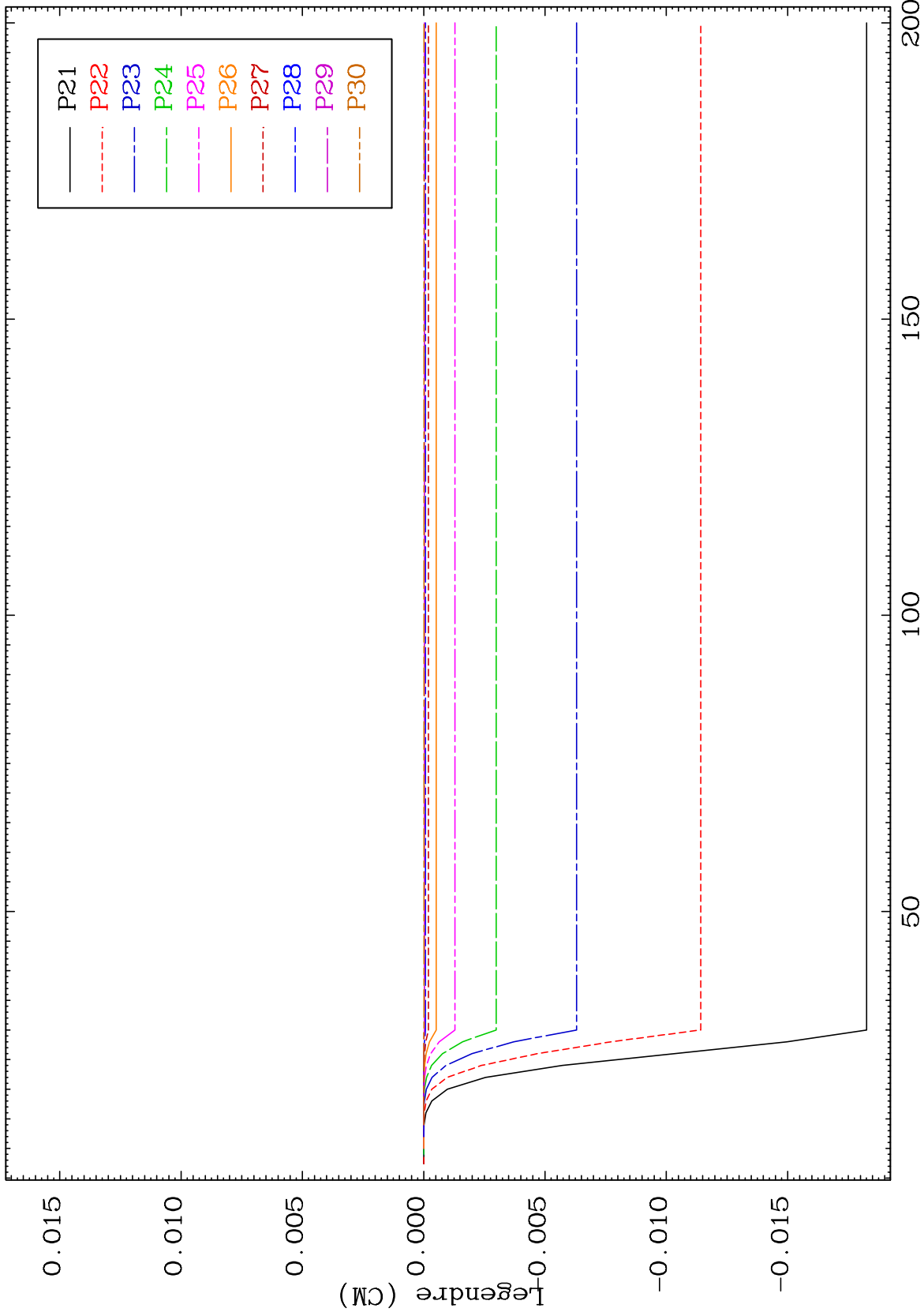
81-T1-199



MAT 81113

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

81-T1-199



80

Incident Energy (MeV)

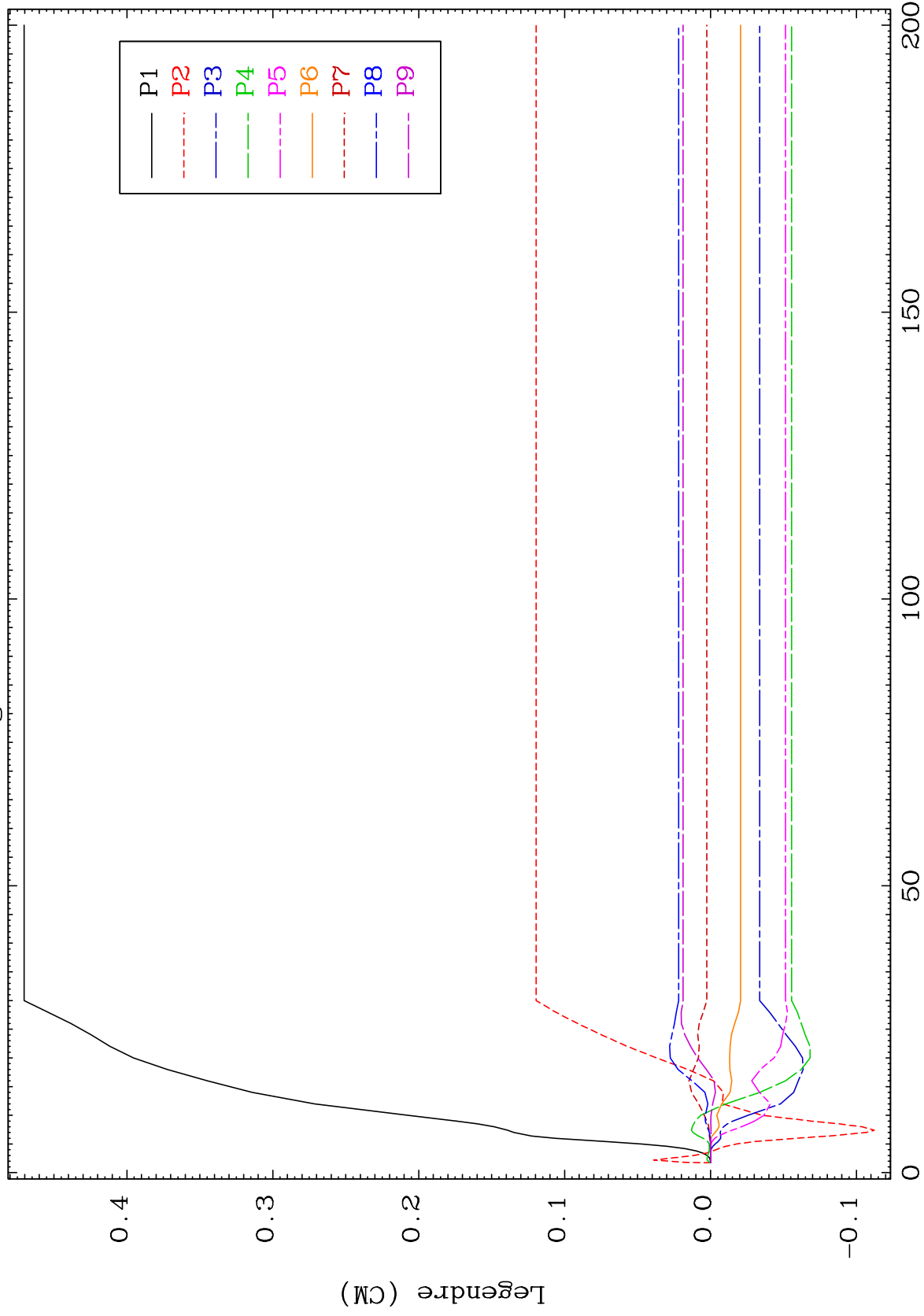
81-T1-199



MAT 81113

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

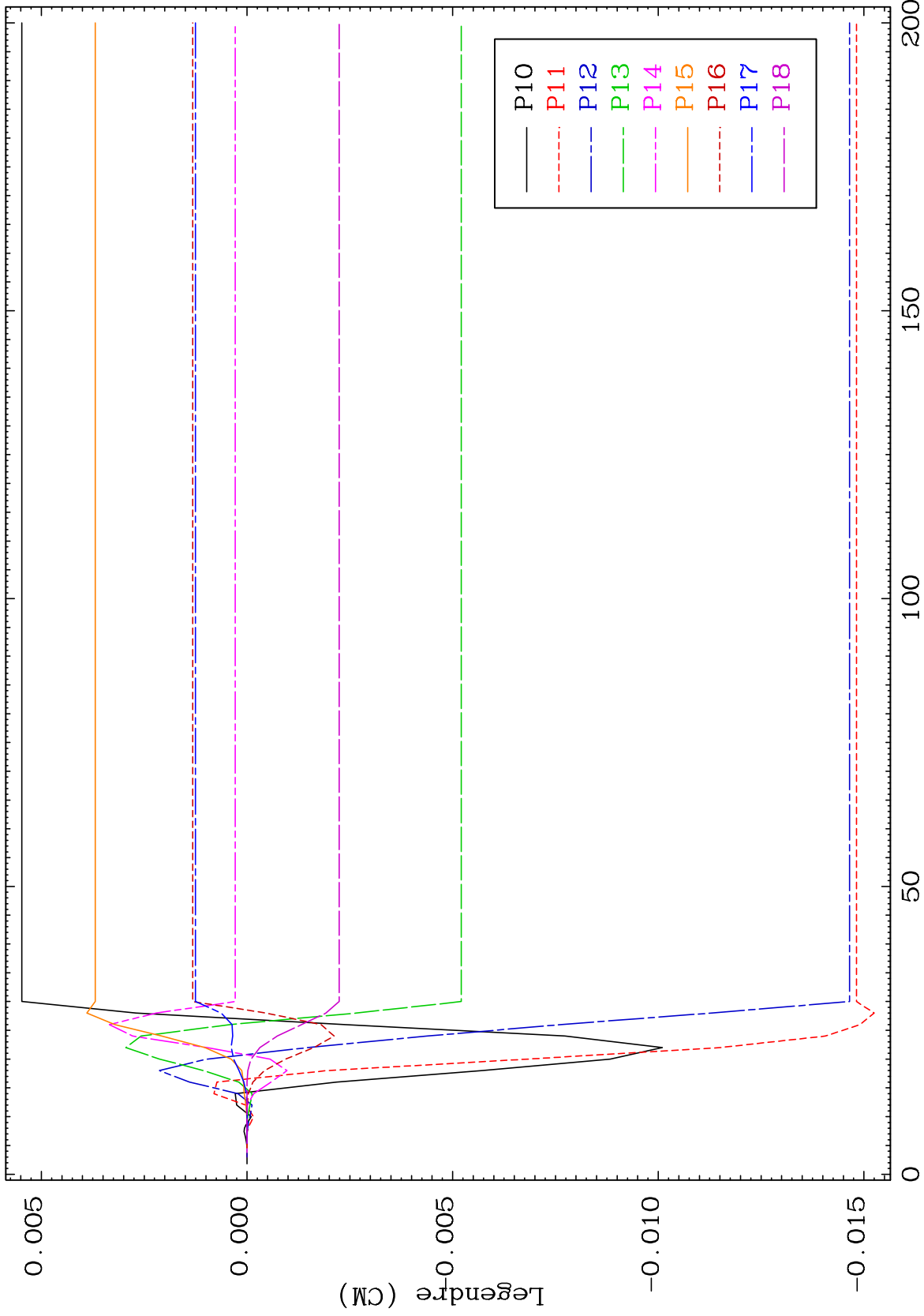
81-T1-199

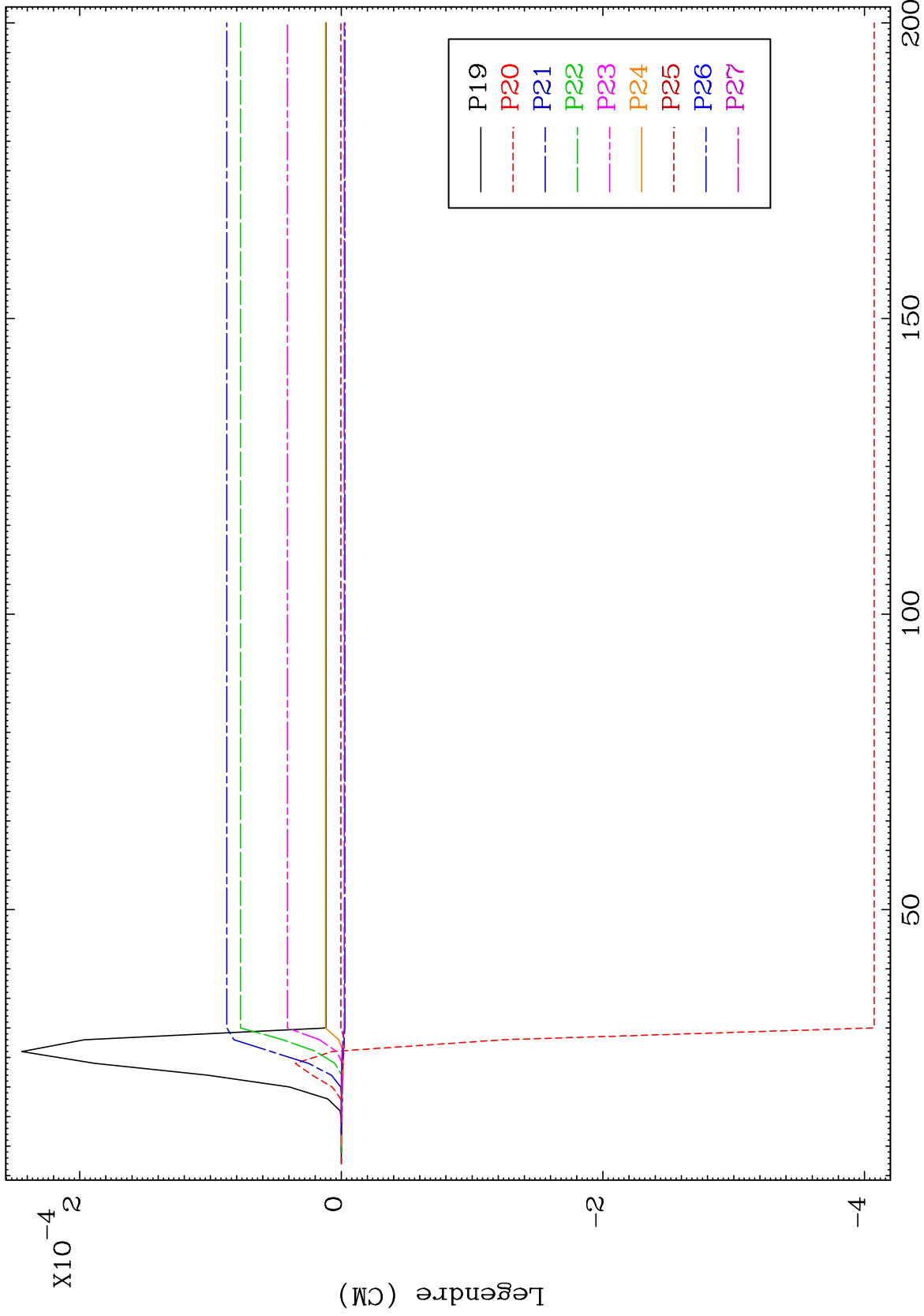


82

Incident Energy (MeV)

81-T1-199

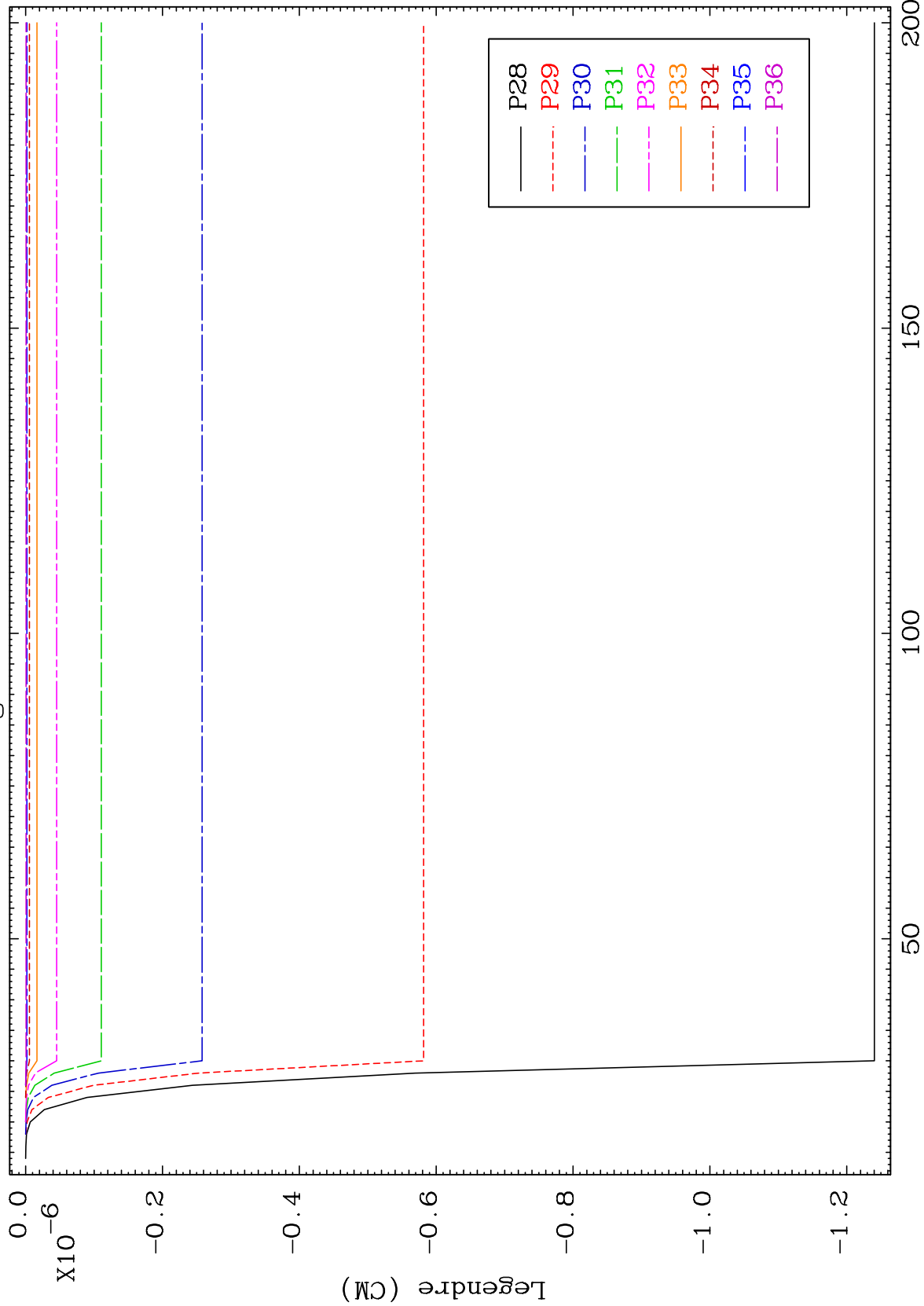




MAT 81113

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

81-T1-199



85

Incident Energy (MeV)

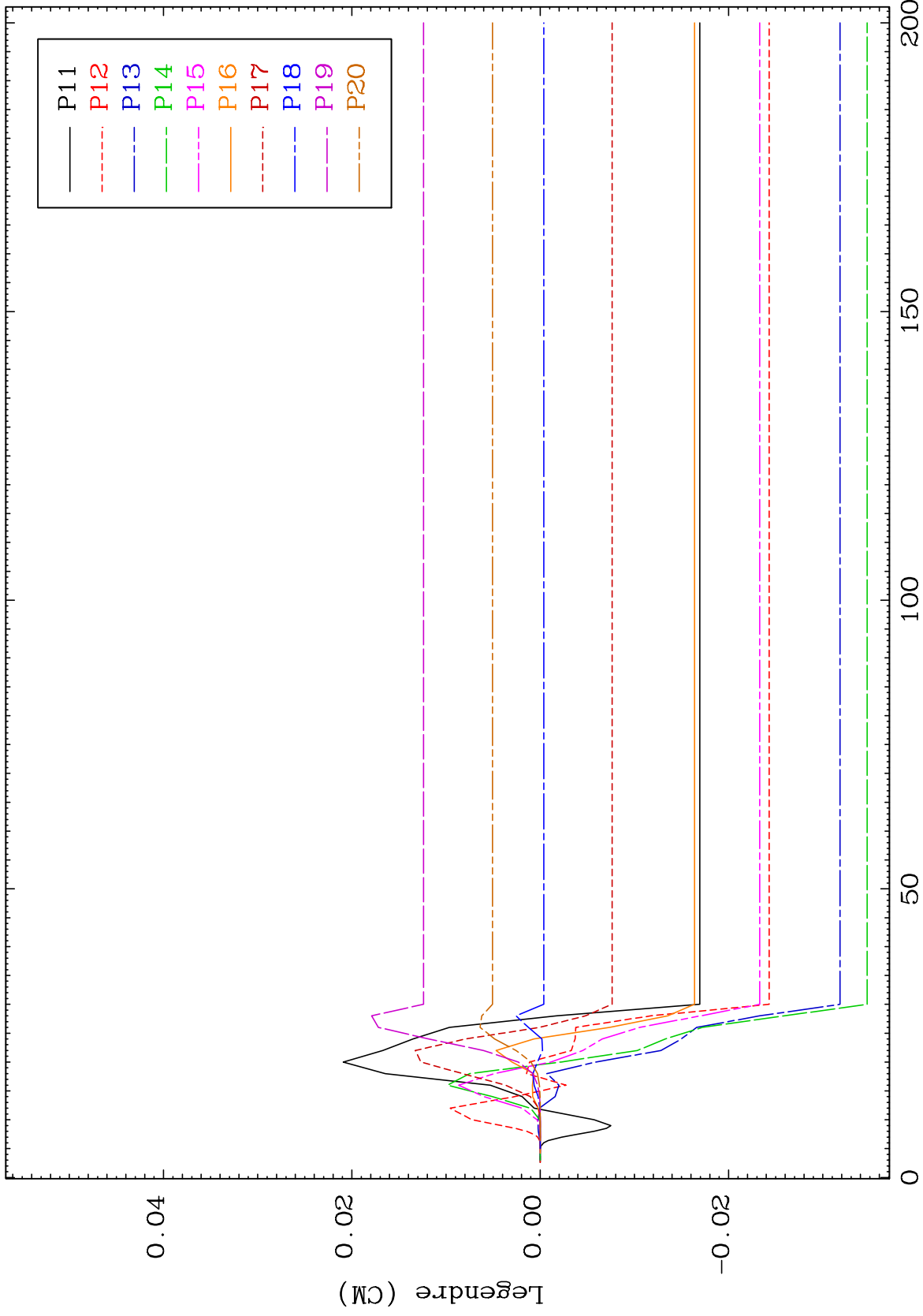
81-T1-199



MAT 81113

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

81-T1-199

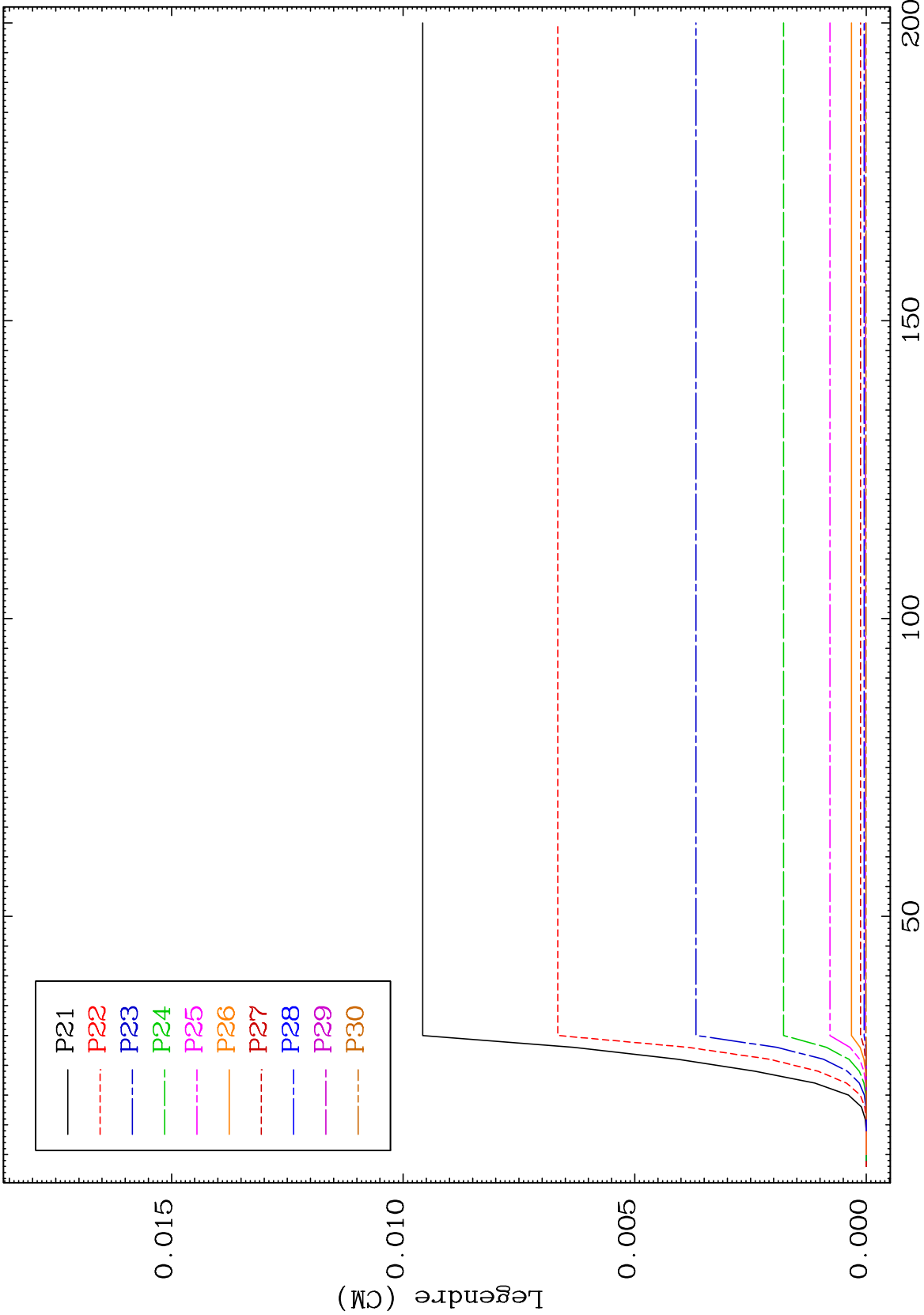


87

Incident Energy (MeV)

81-T1-199

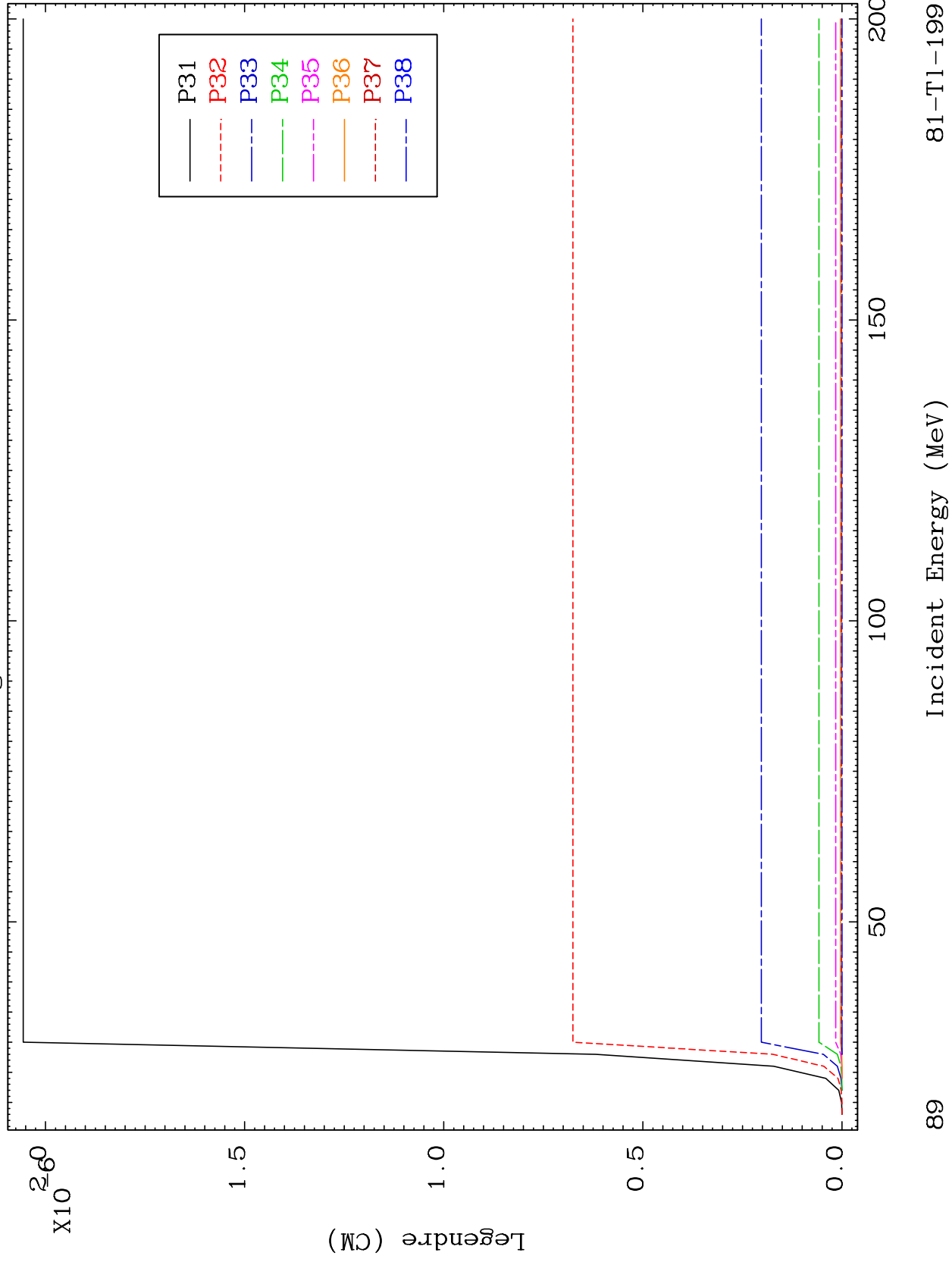




MAT 81113

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

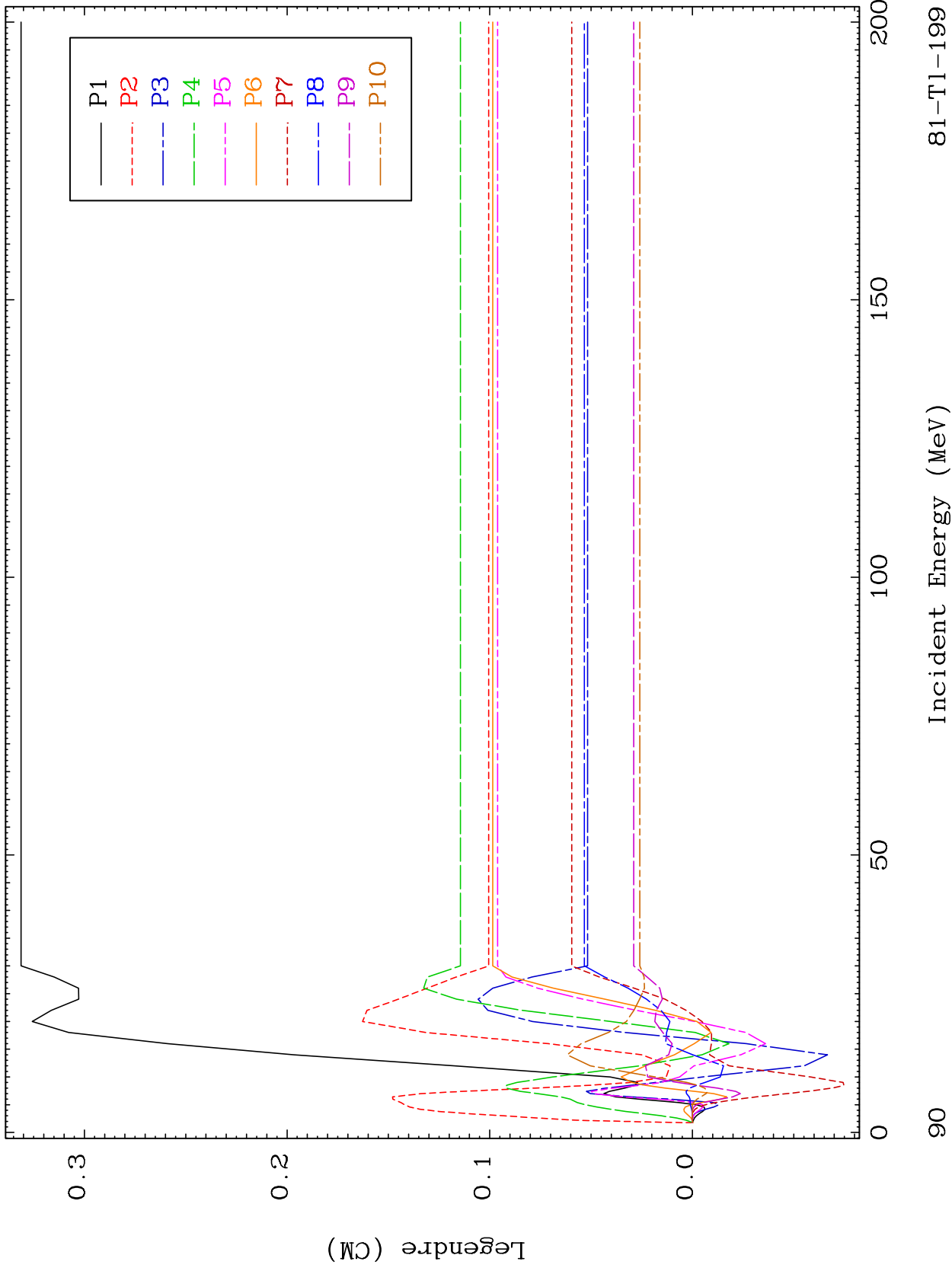
81-T1-199



MAT 8113

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

81-T1-199

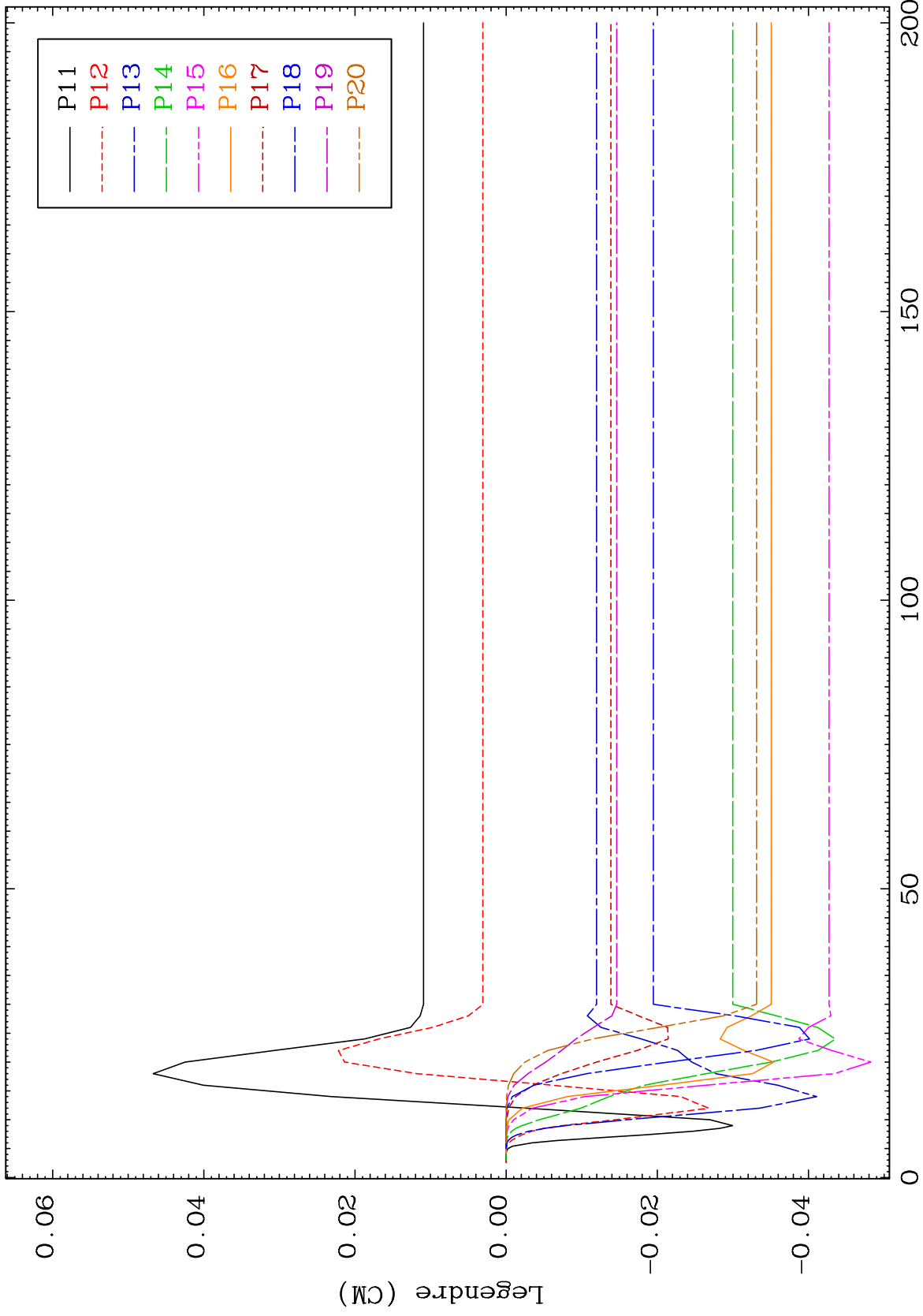


81-T1-199

MAT 8113

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

81-T1-199



91

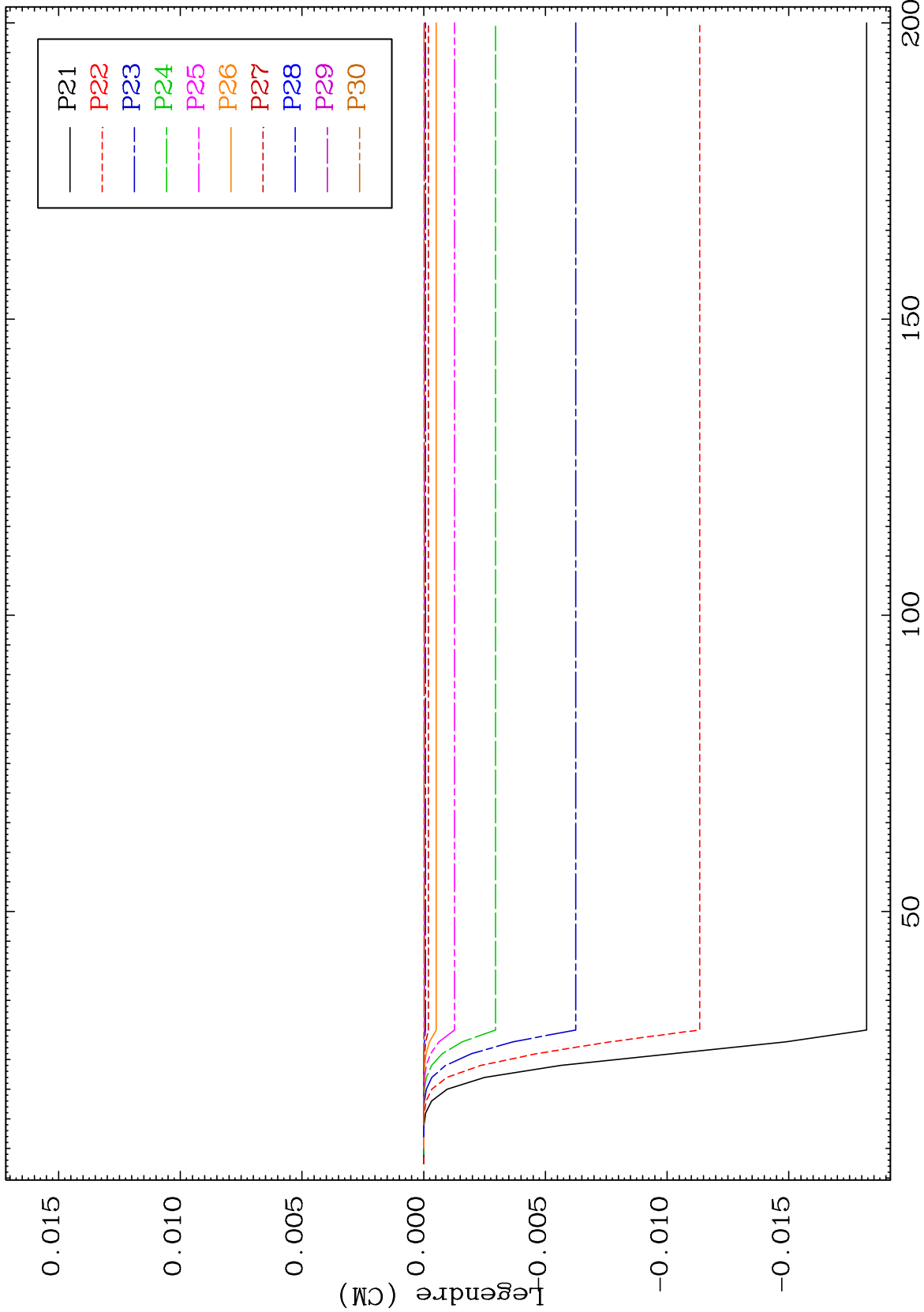
Incident Energy (MeV)

81-T1-199

MAT 8113

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

81-T1-199



92

Incident Energy (MeV)

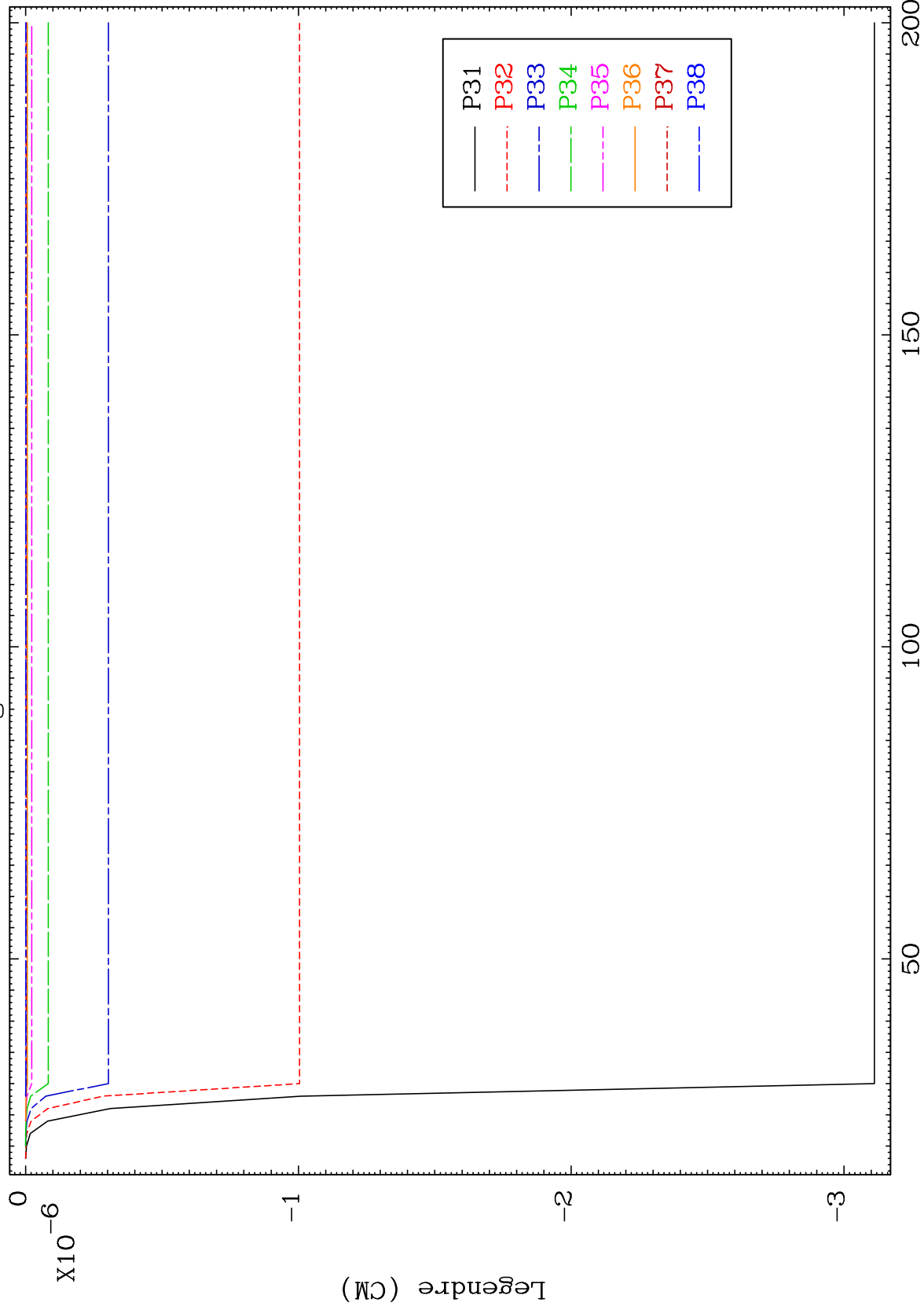
81-T1-199

MAT 8113

MT= 69 (n,n') Level

81-Tl-199

Legendre Coefficients



93

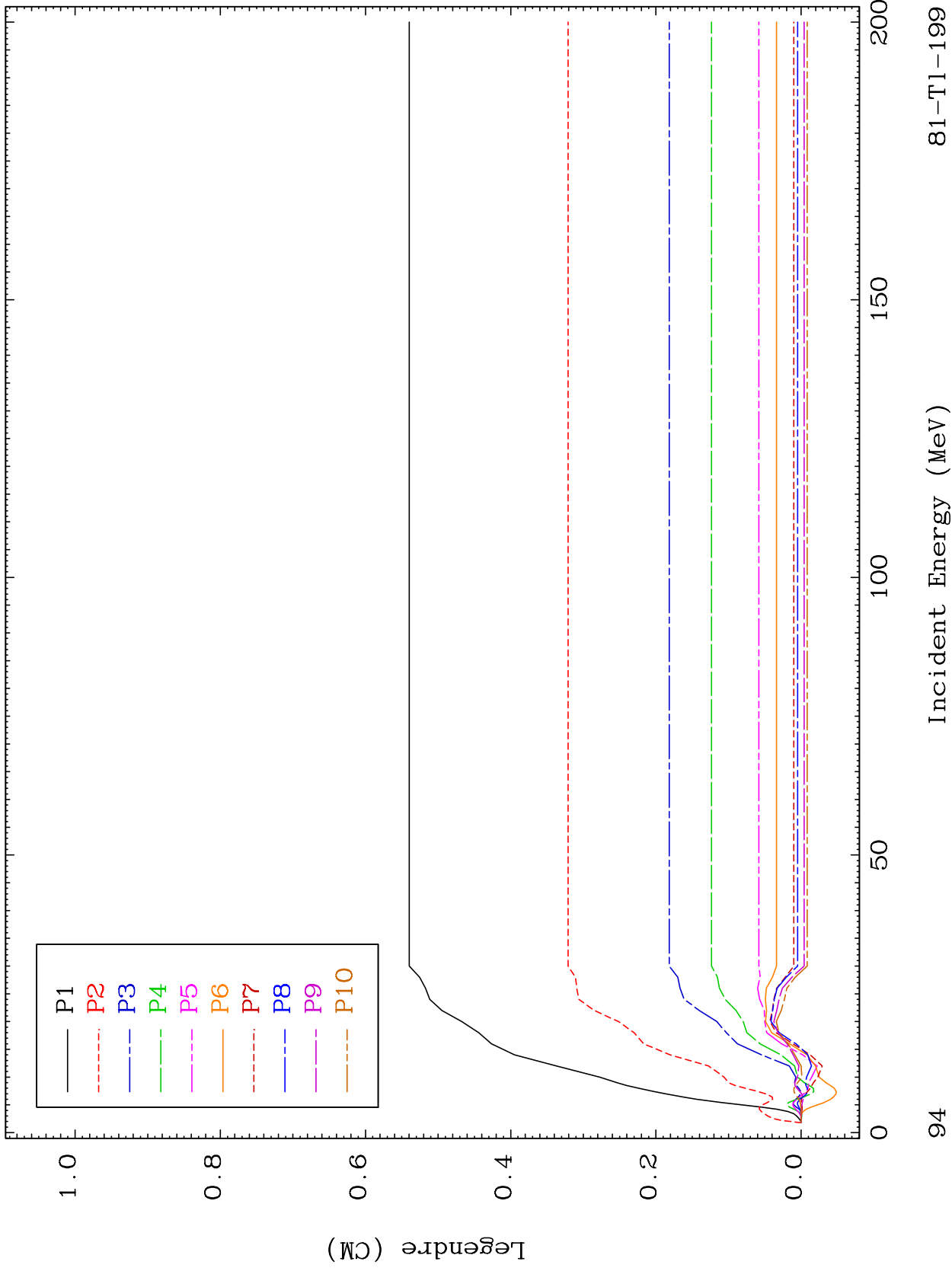
Incident Energy (MeV)

81-Tl-199

MAT 81113

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

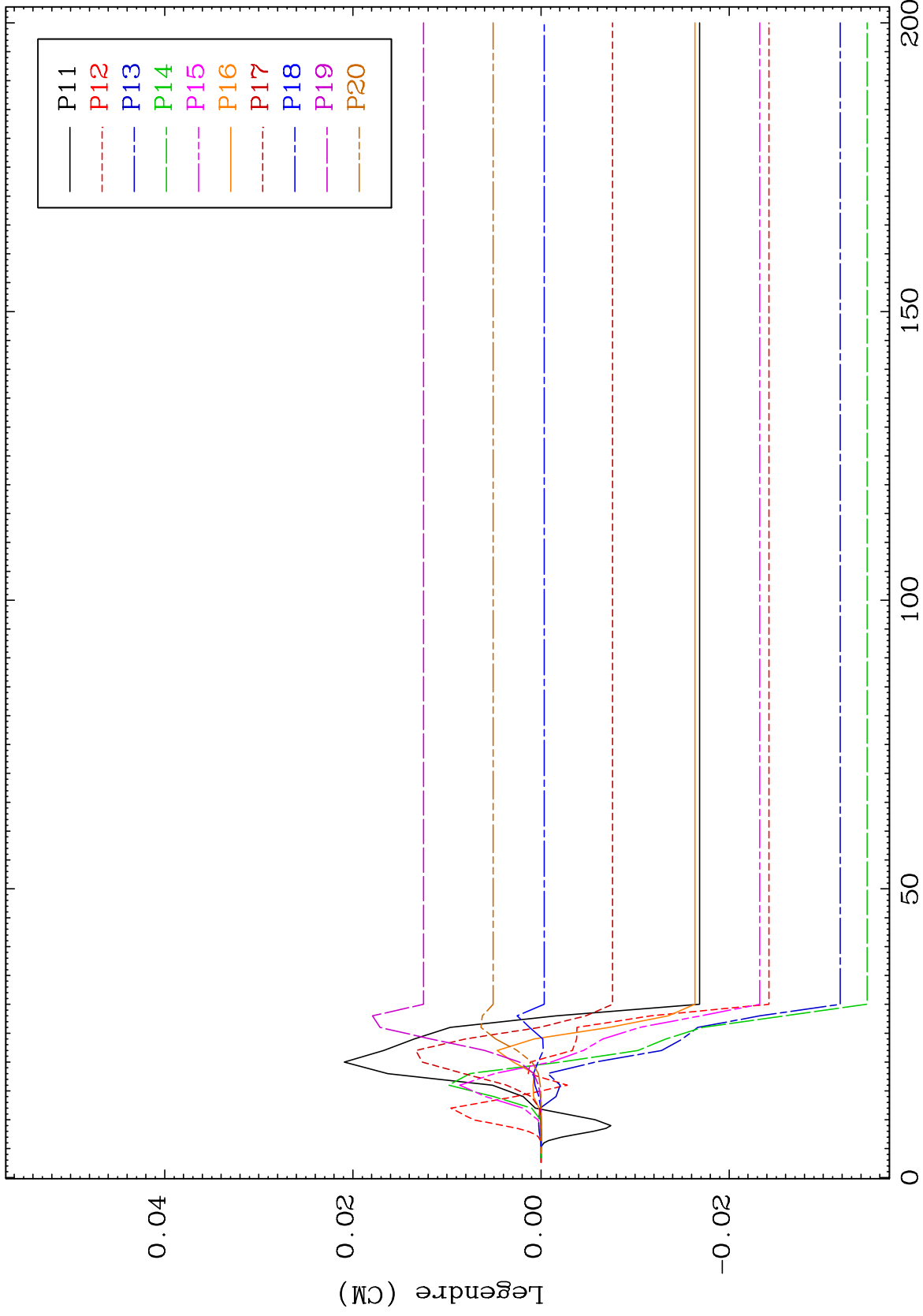
81-T1-199



MAT 8113

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

81-T1-199

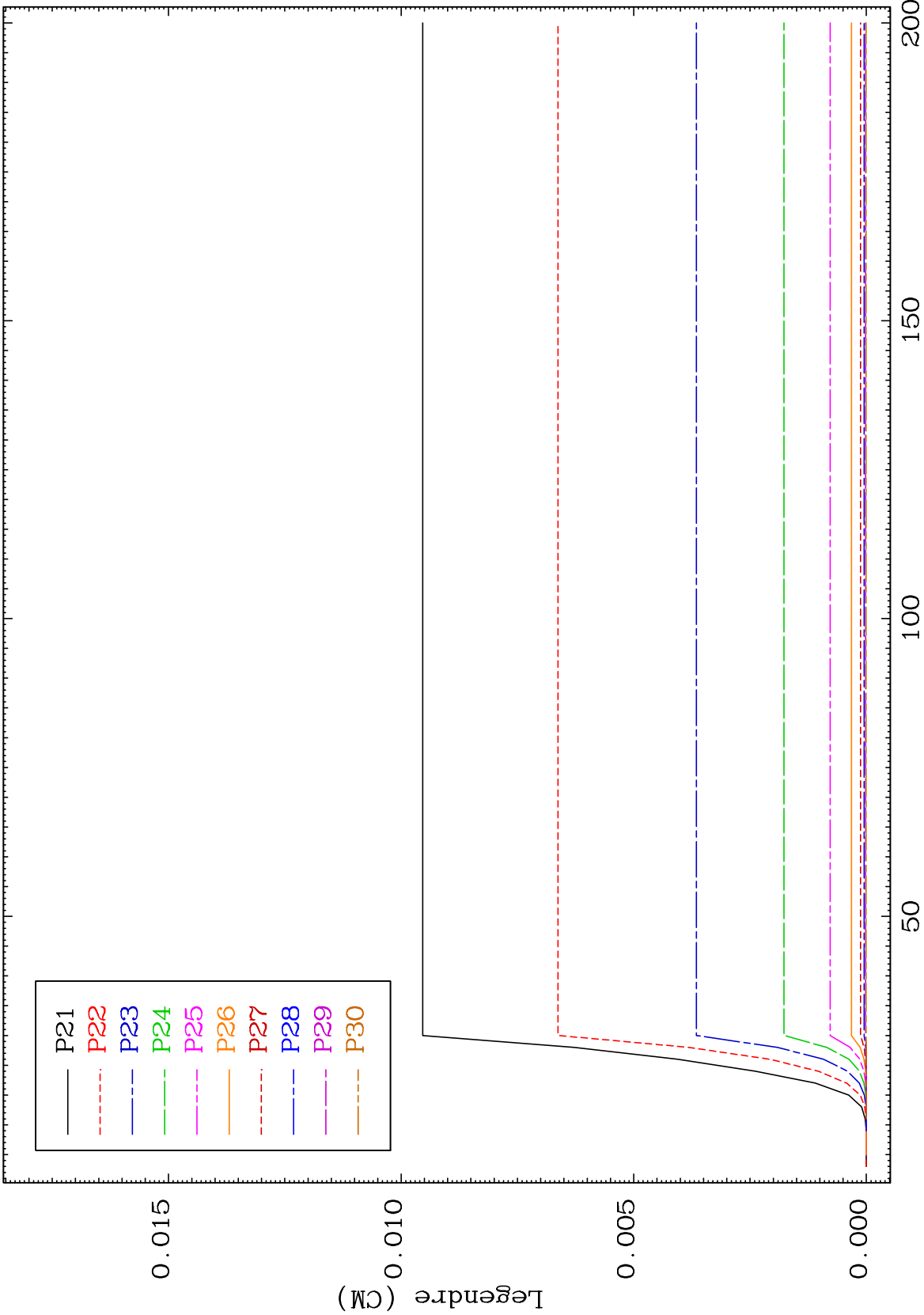


95

Incident Energy (MeV)

81-T1-199

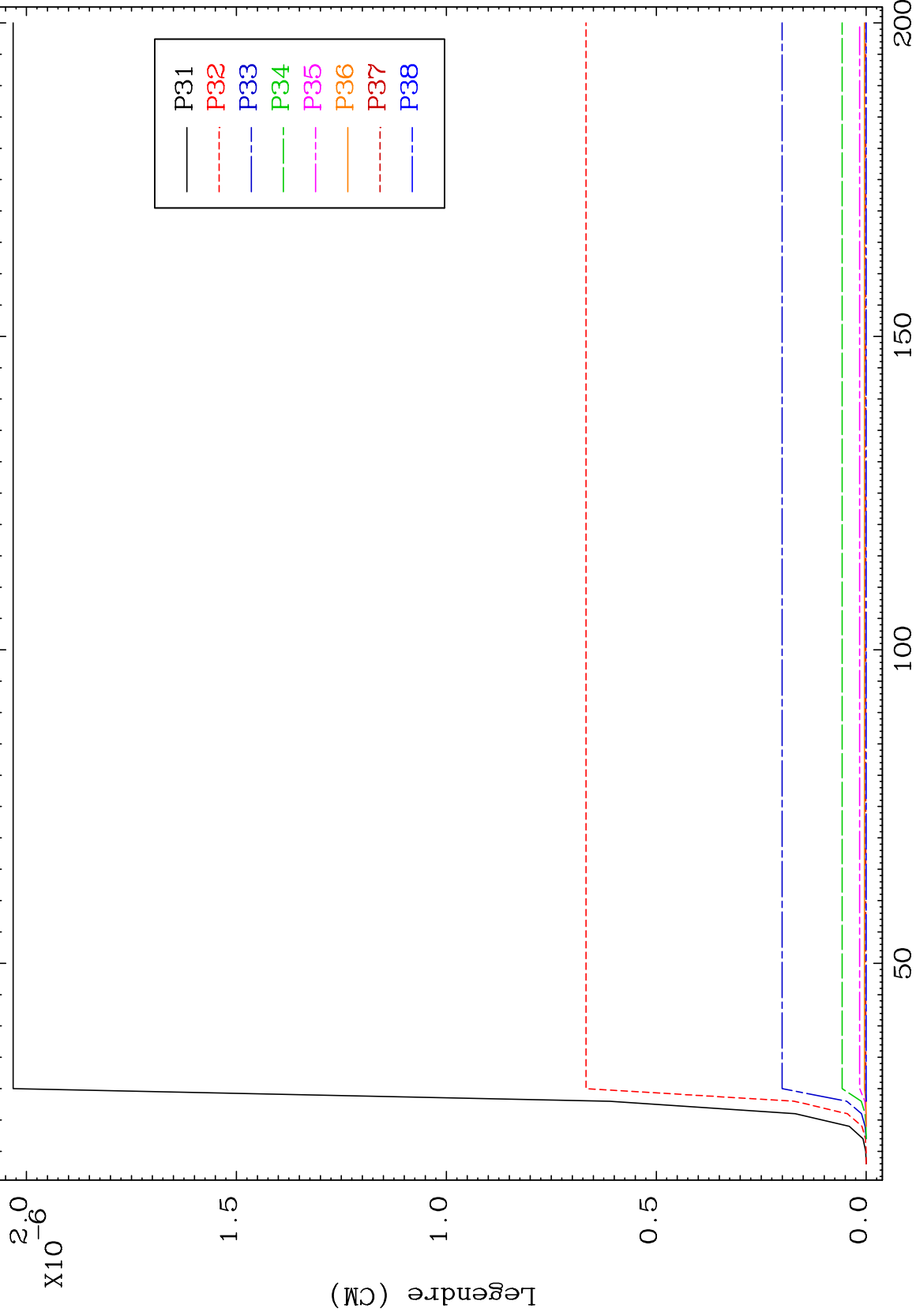




MAT 8113

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

81-T1-199



97

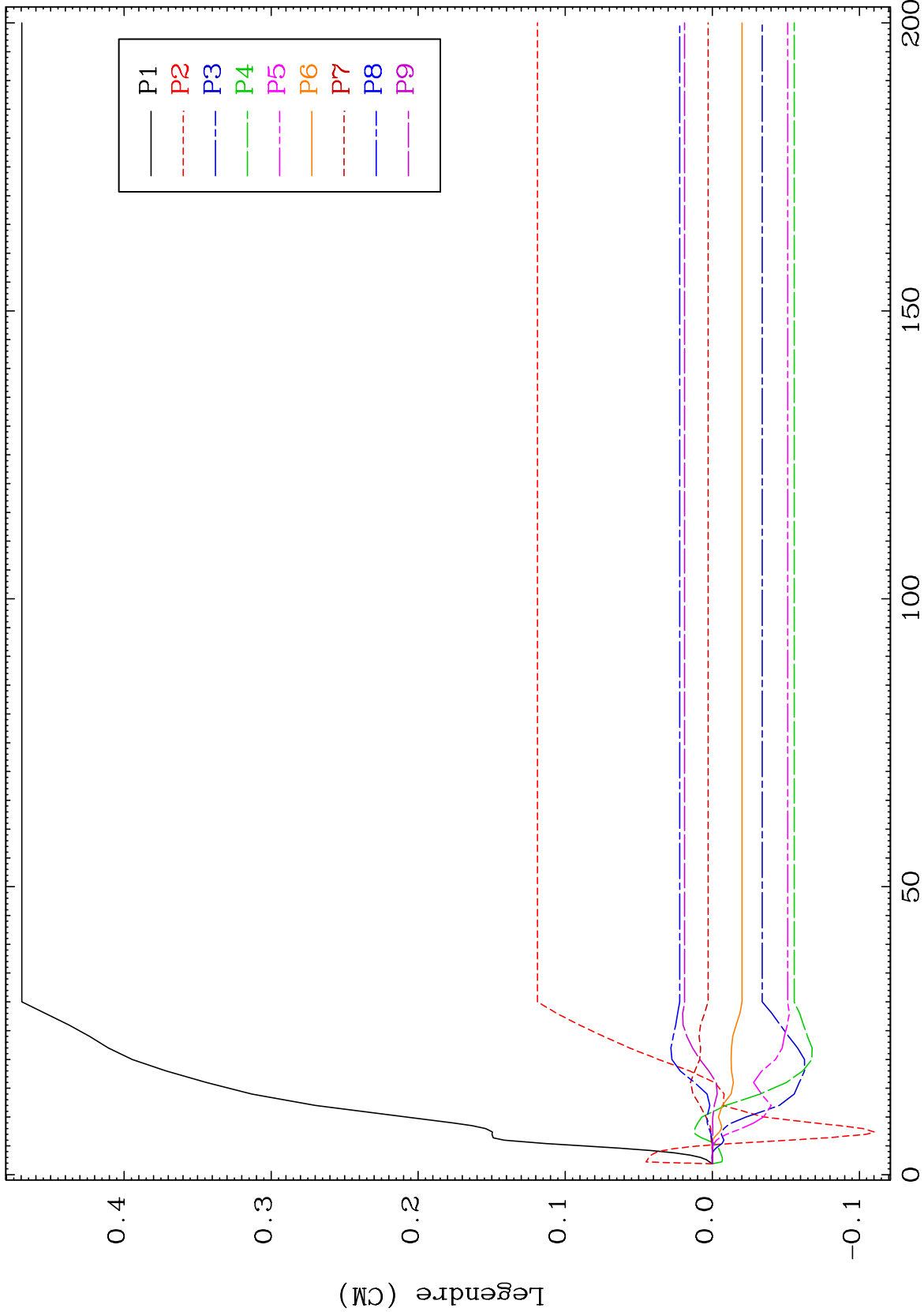
Incident Energy (MeV)

81-T1-199

MAT 81113

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

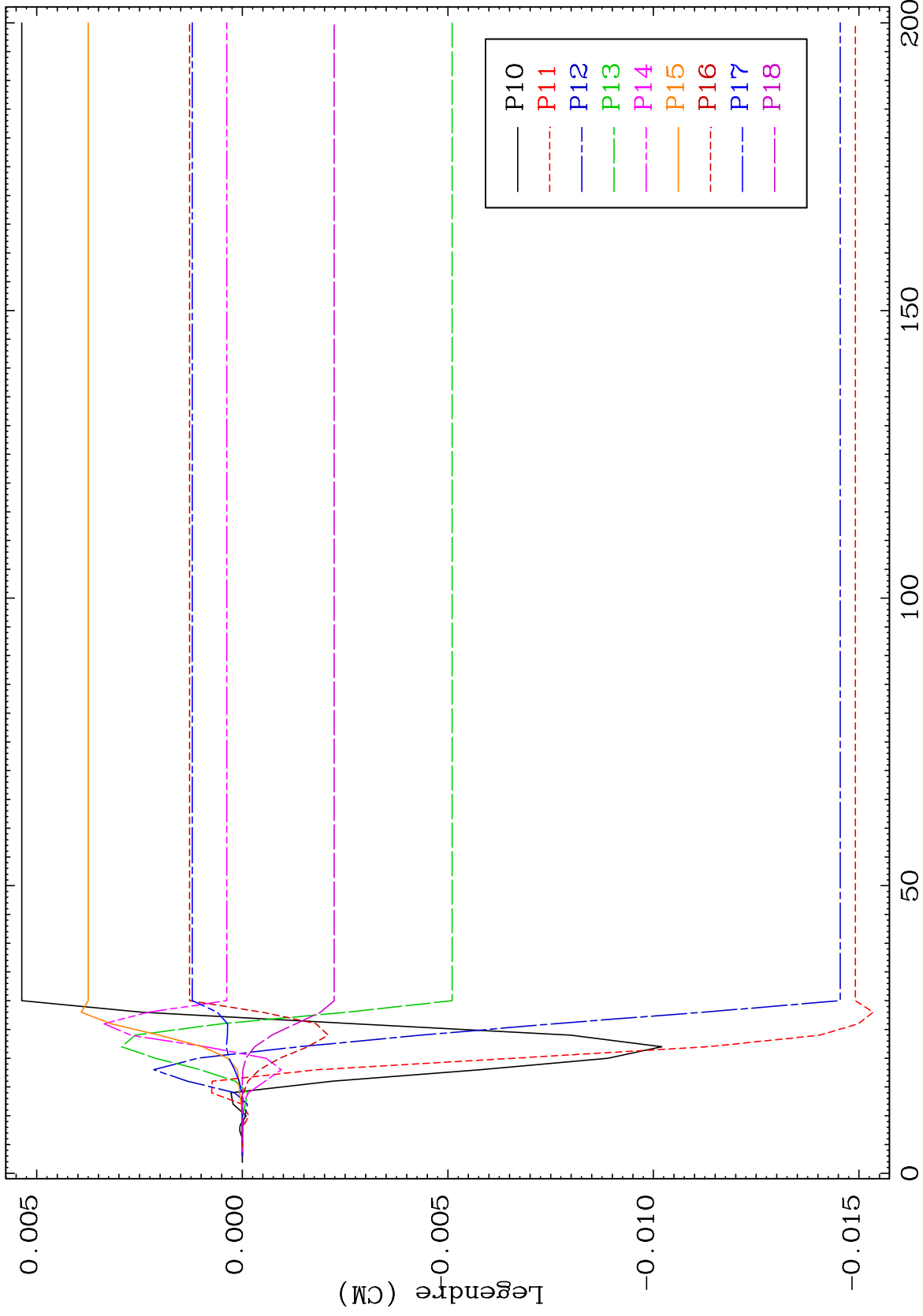
81-T1-199



98

Incident Energy (MeV)

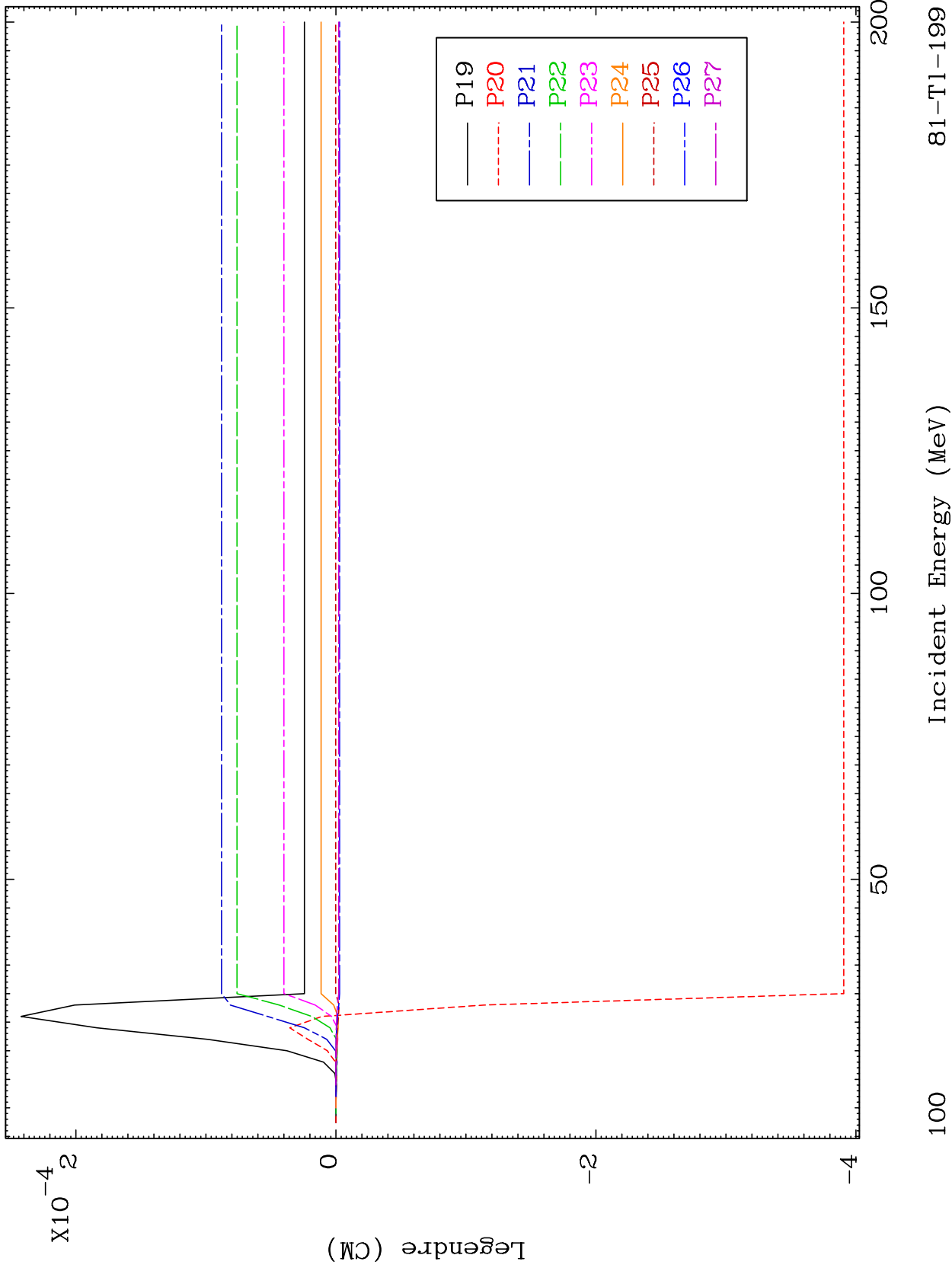
81-T1-199



MAT 8113

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

81-T1-199



100

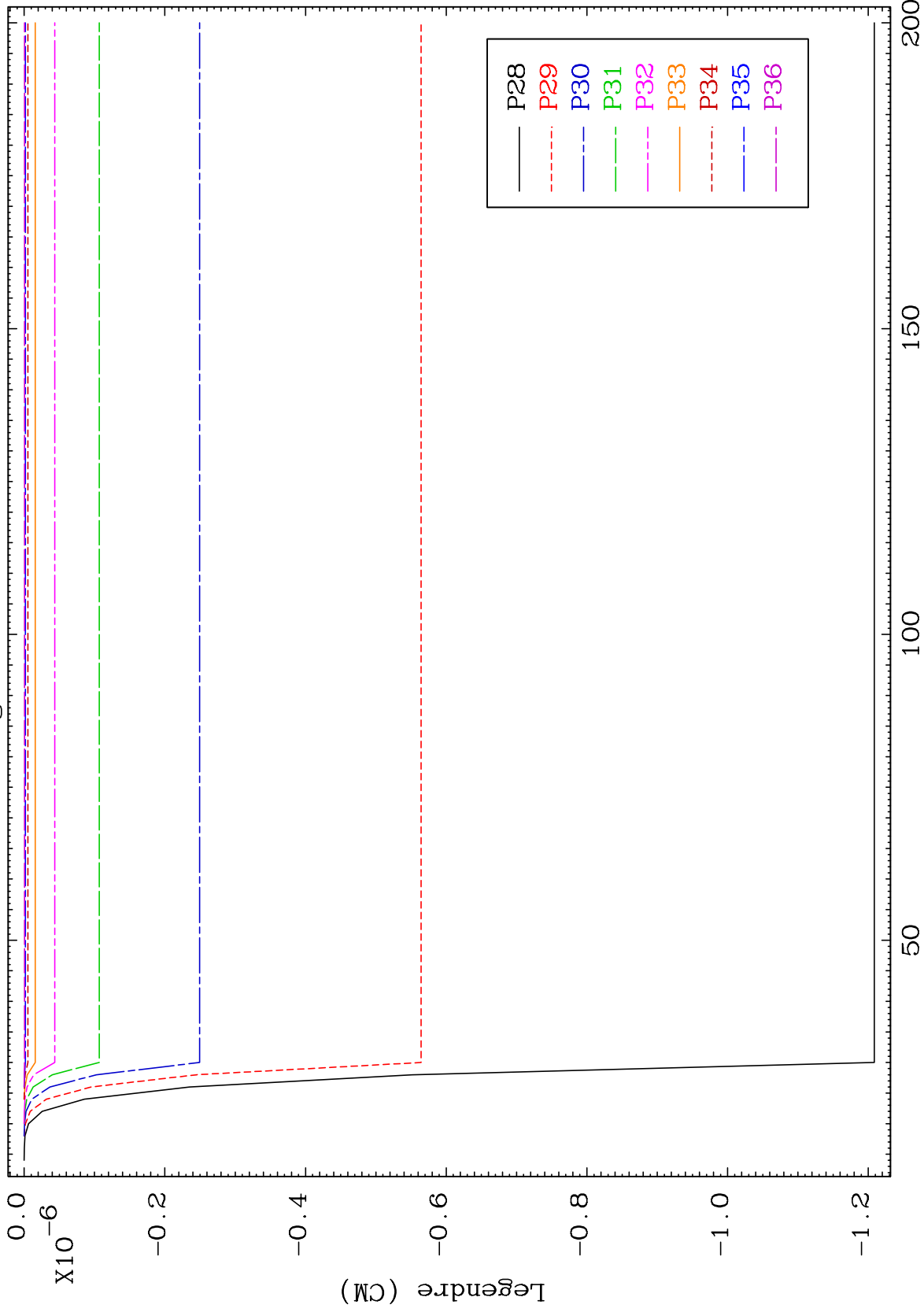
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



101

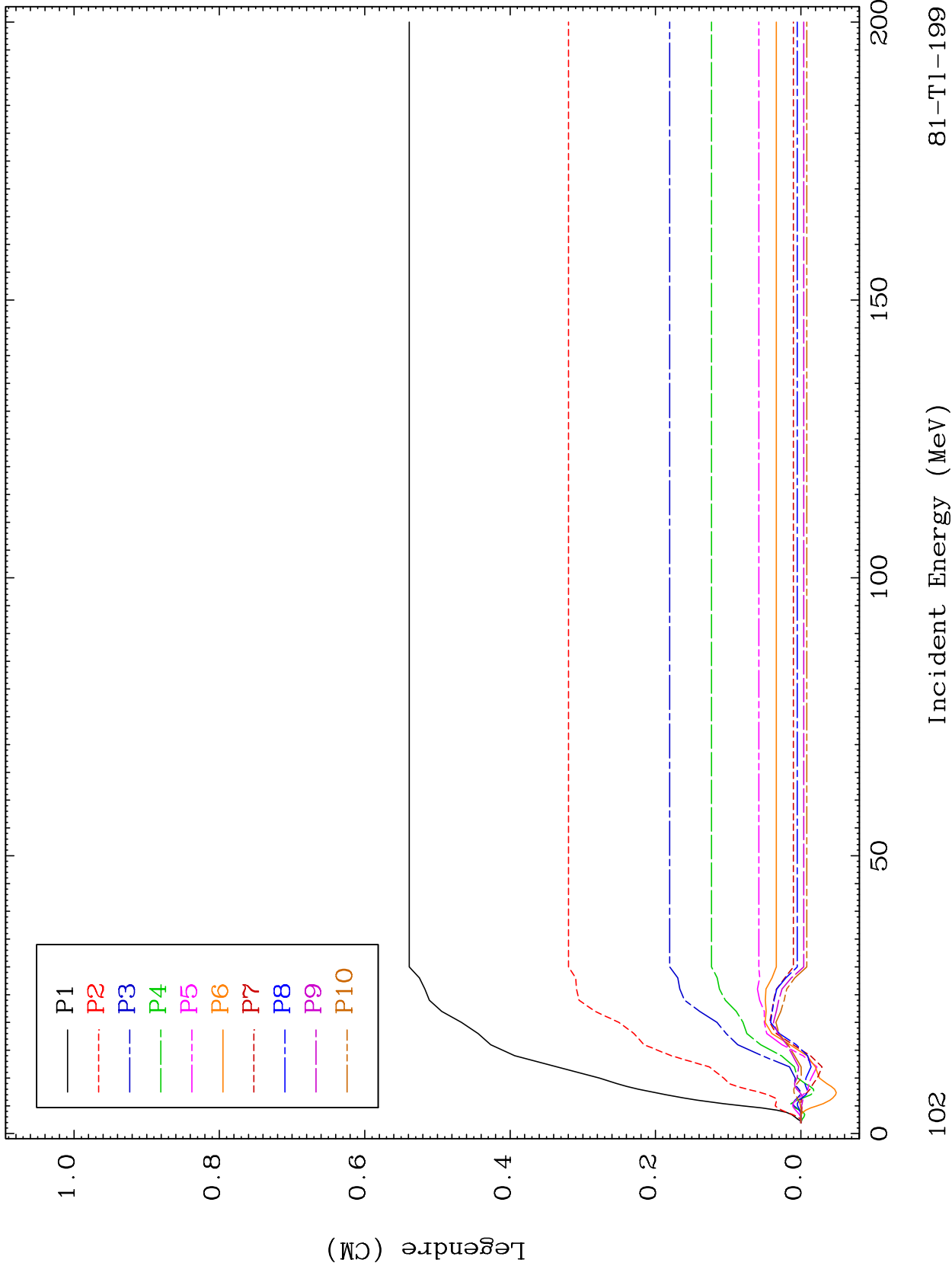
Incident Energy (MeV)

81-T1-199

MAT 81113

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

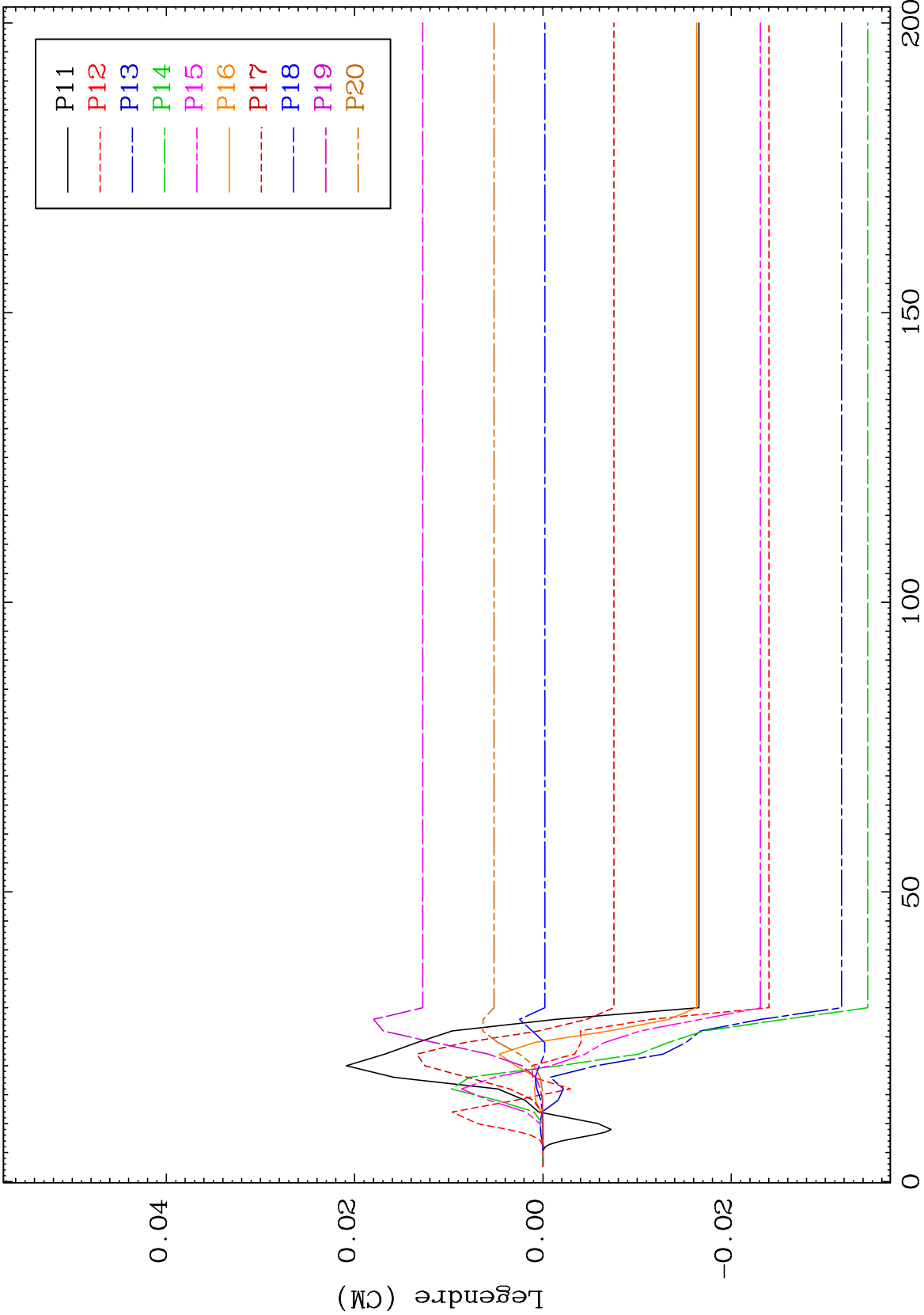
81-T1-199



MAT 81113

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

81-T1-199



103

Incident Energy (MeV)

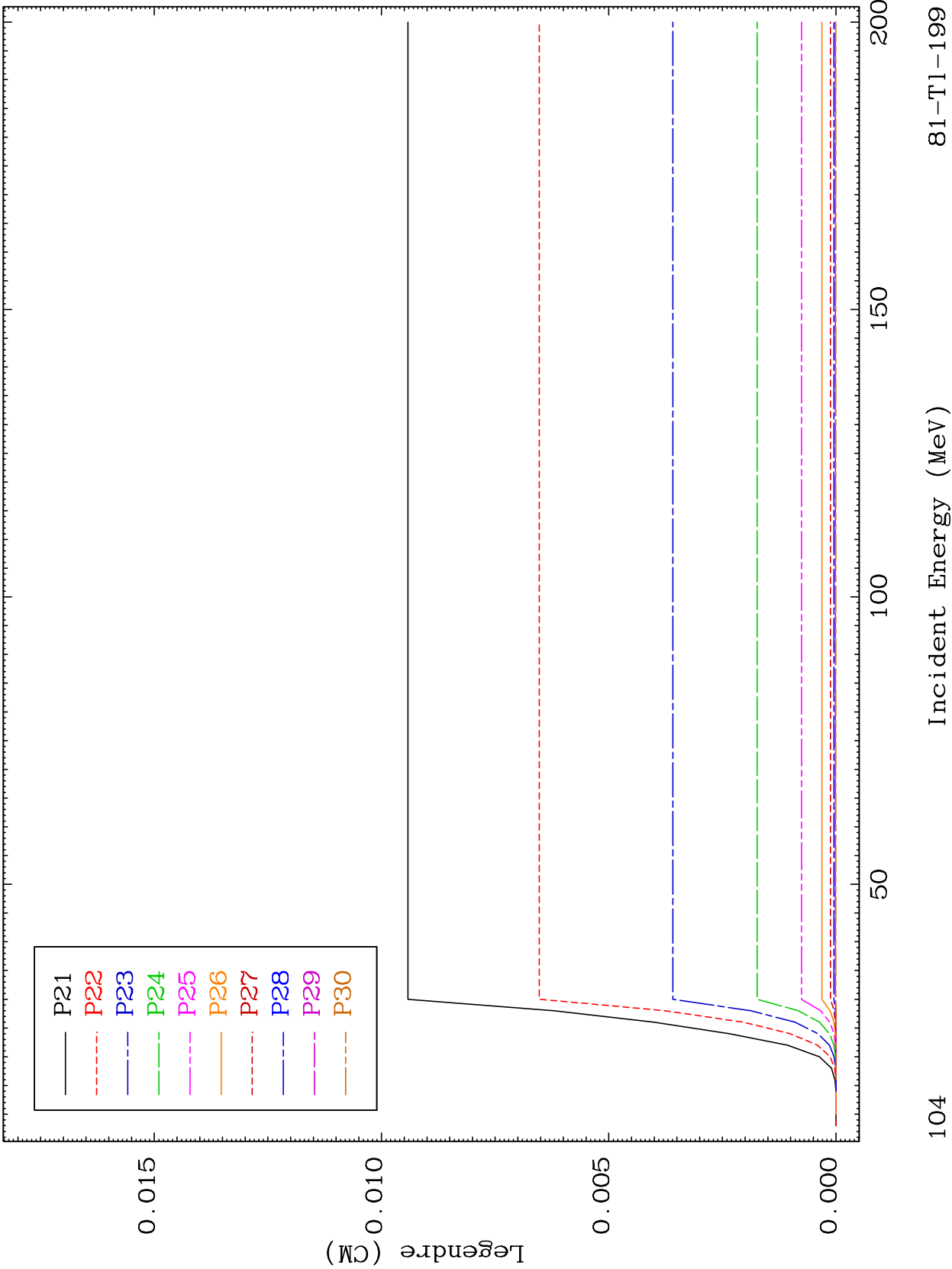
81-T1-199



MAT 8113

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

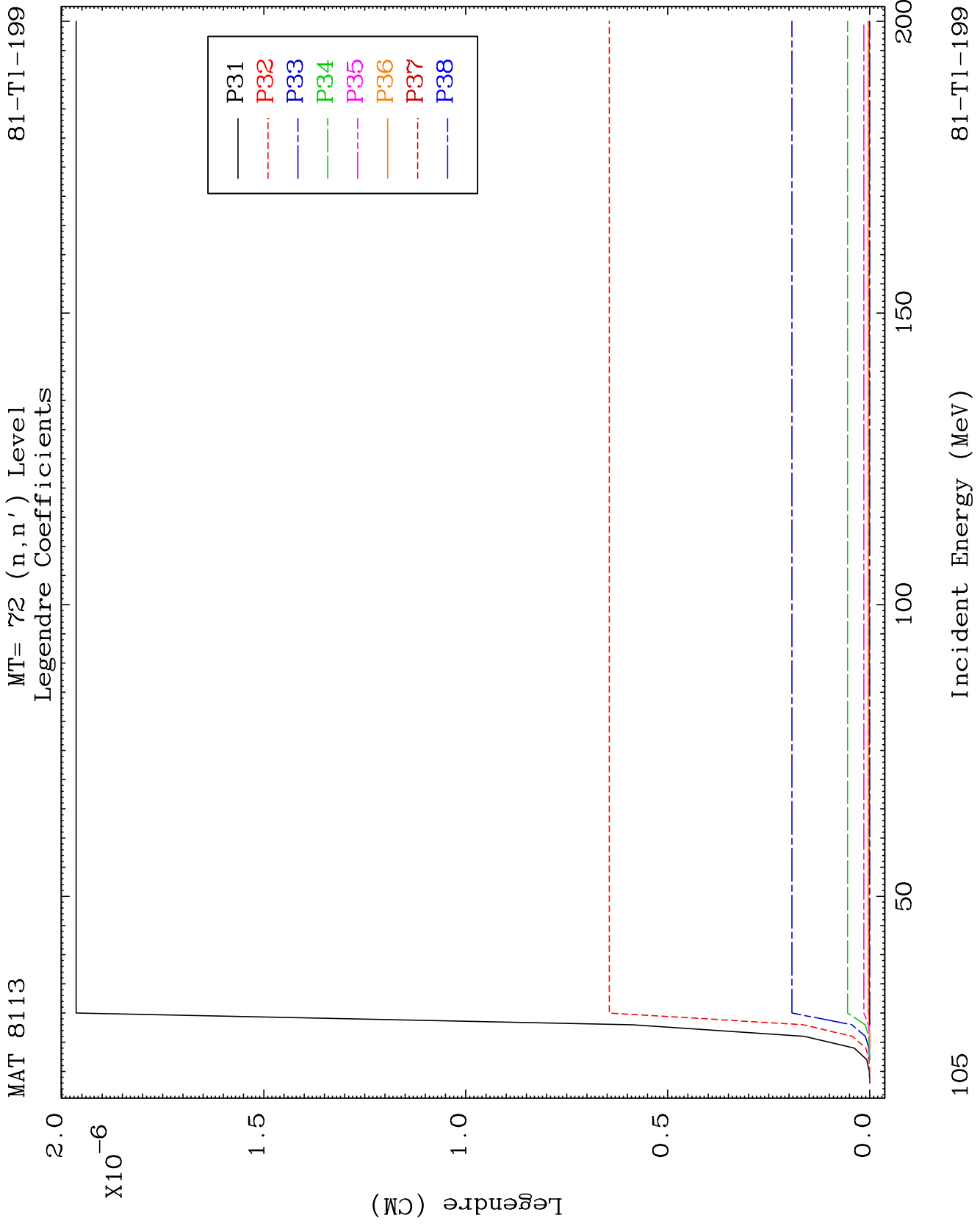
81-Tl-199



104

Incident Energy (MeV)

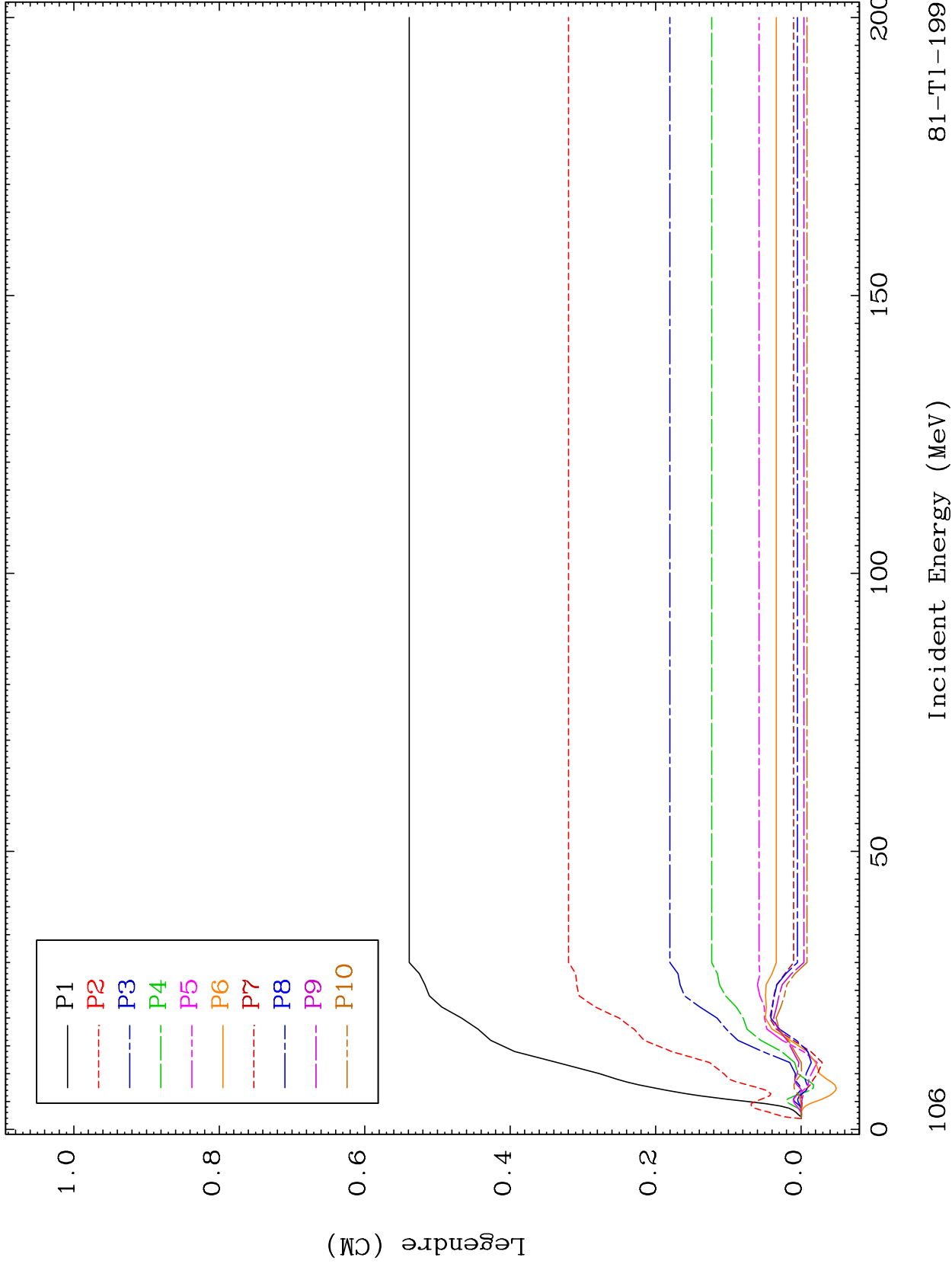
81-Tl-199



MAT 81113

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

81-T1-199

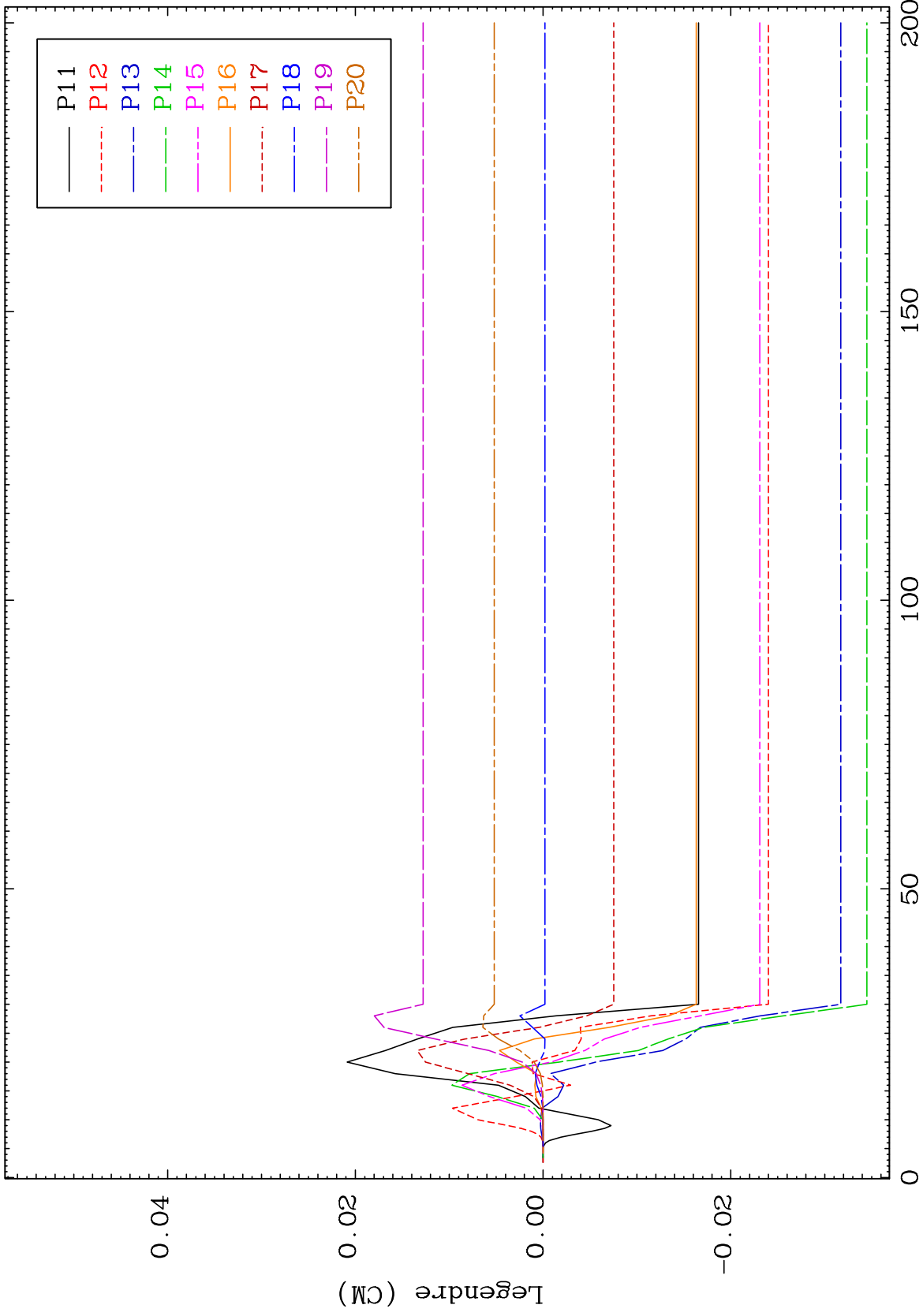


106

MAT 81113

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

81-T1-199



107

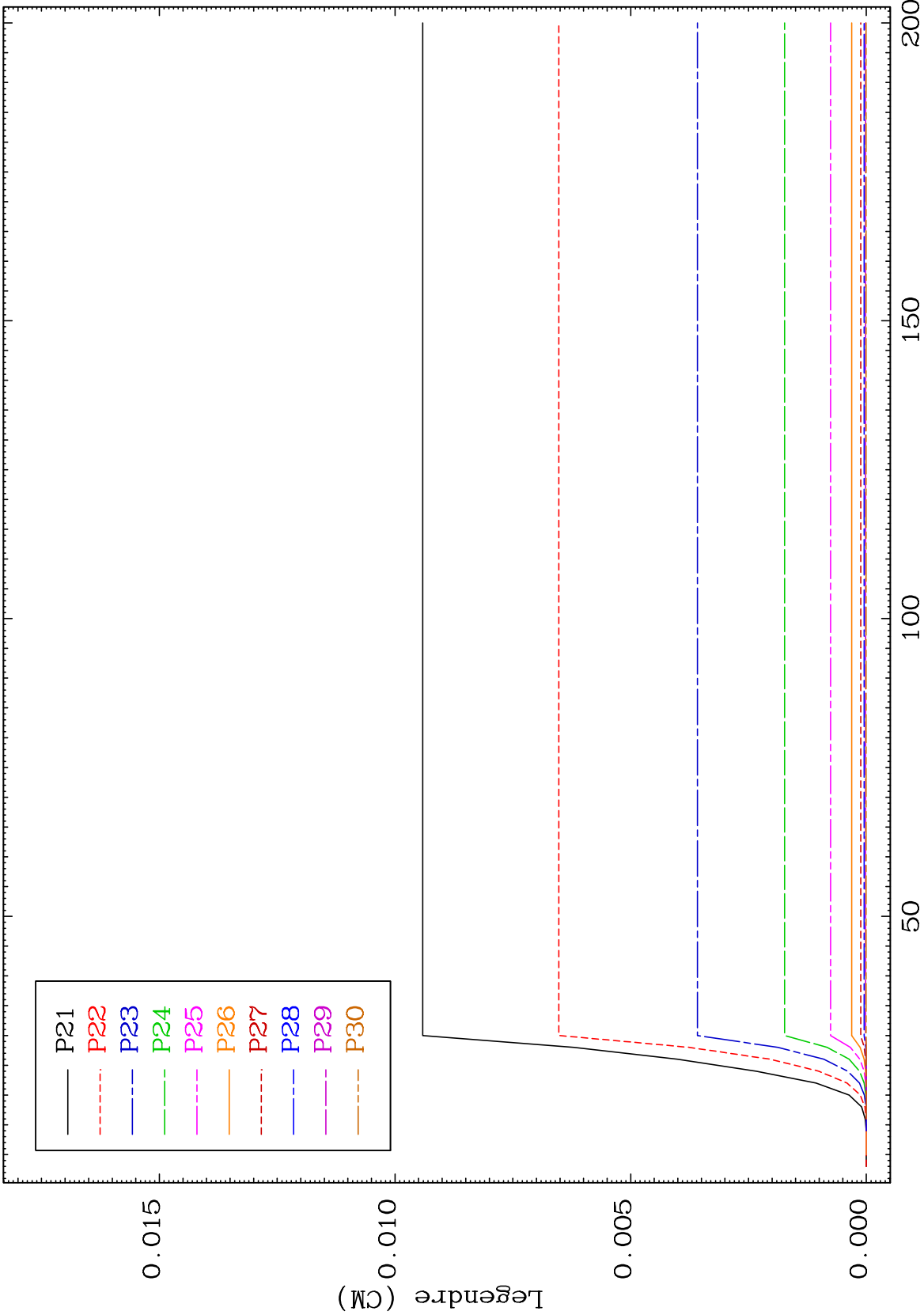
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



108

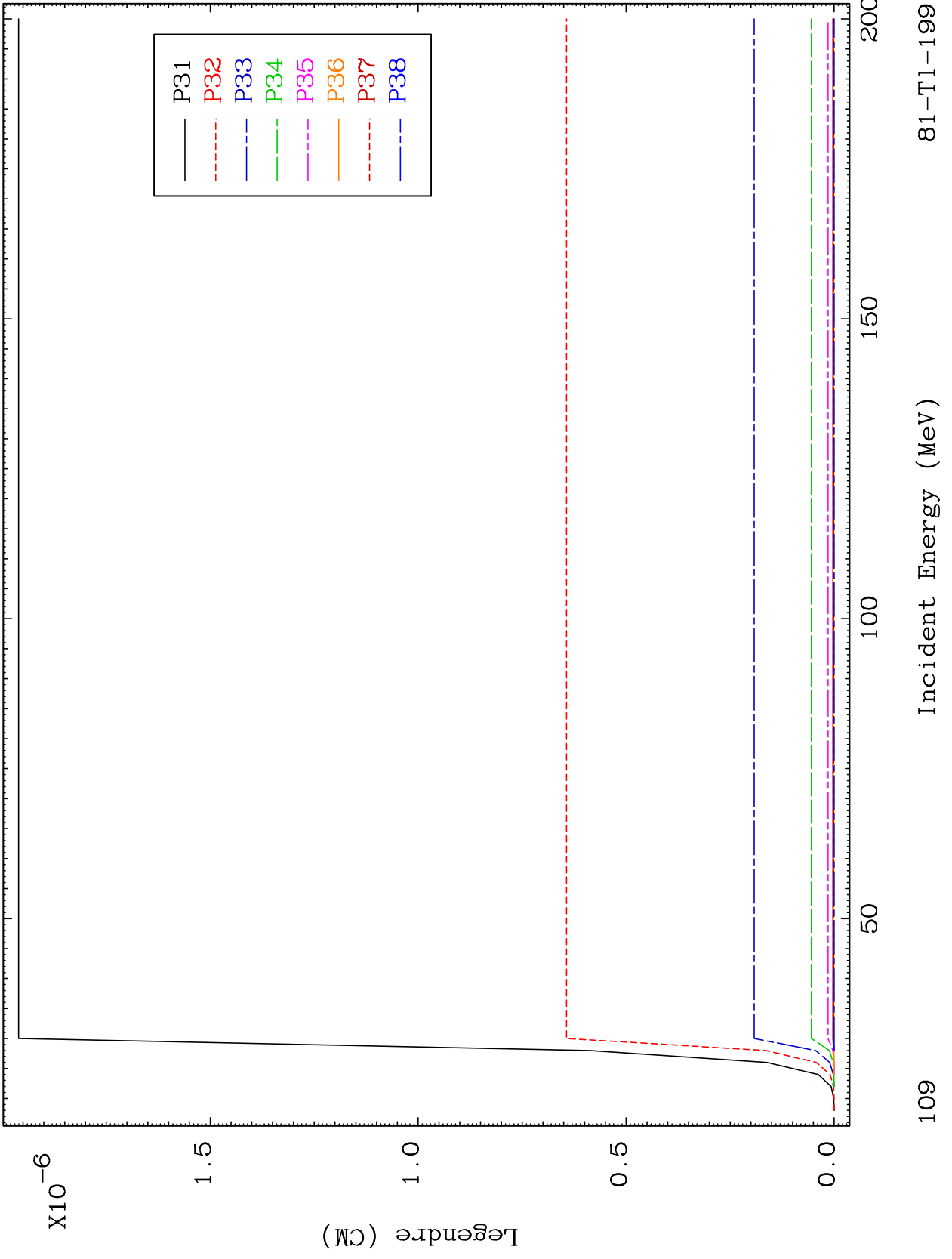
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199

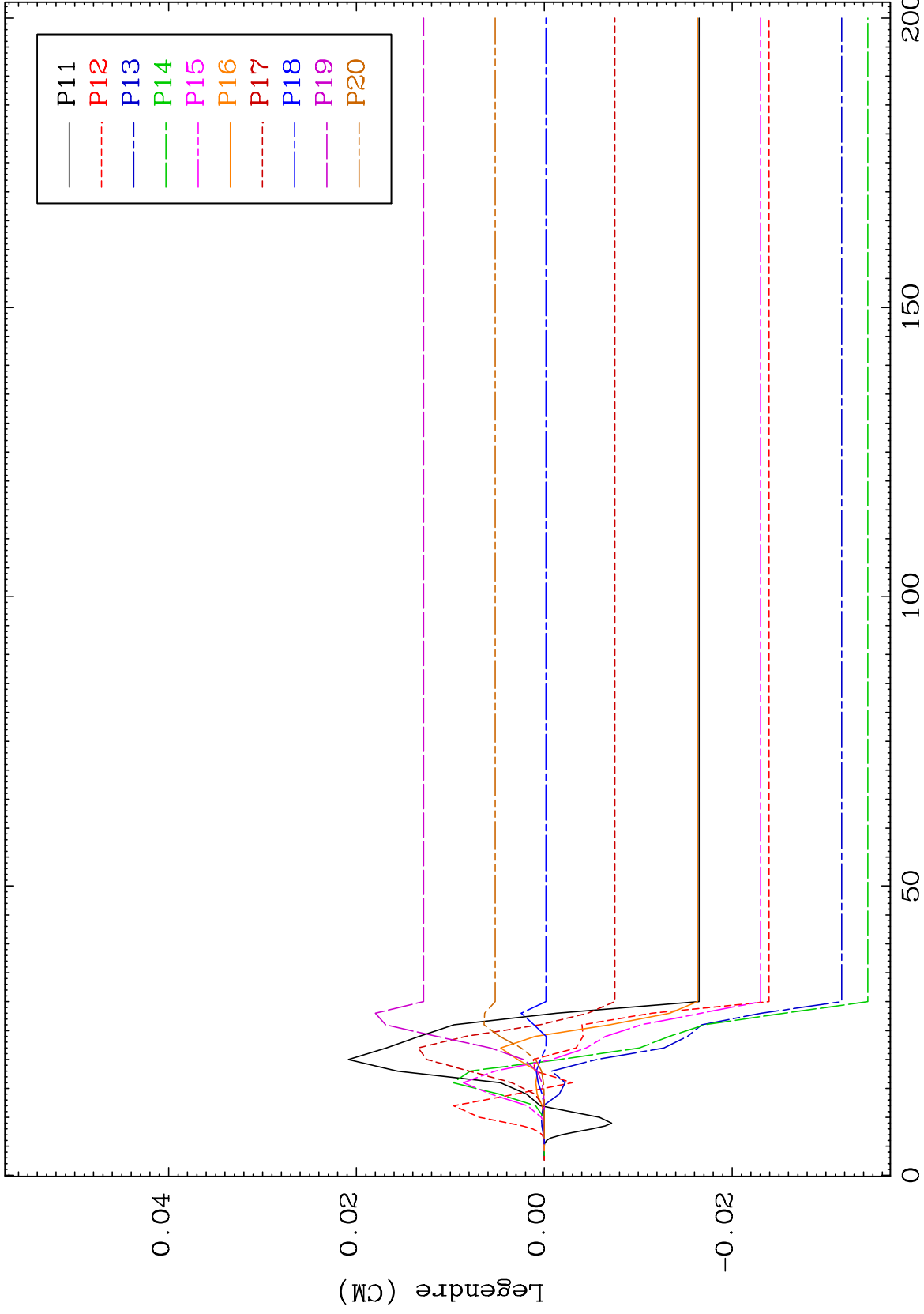




MAT 8113

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

81-T1-199



111

Incident Energy (MeV)

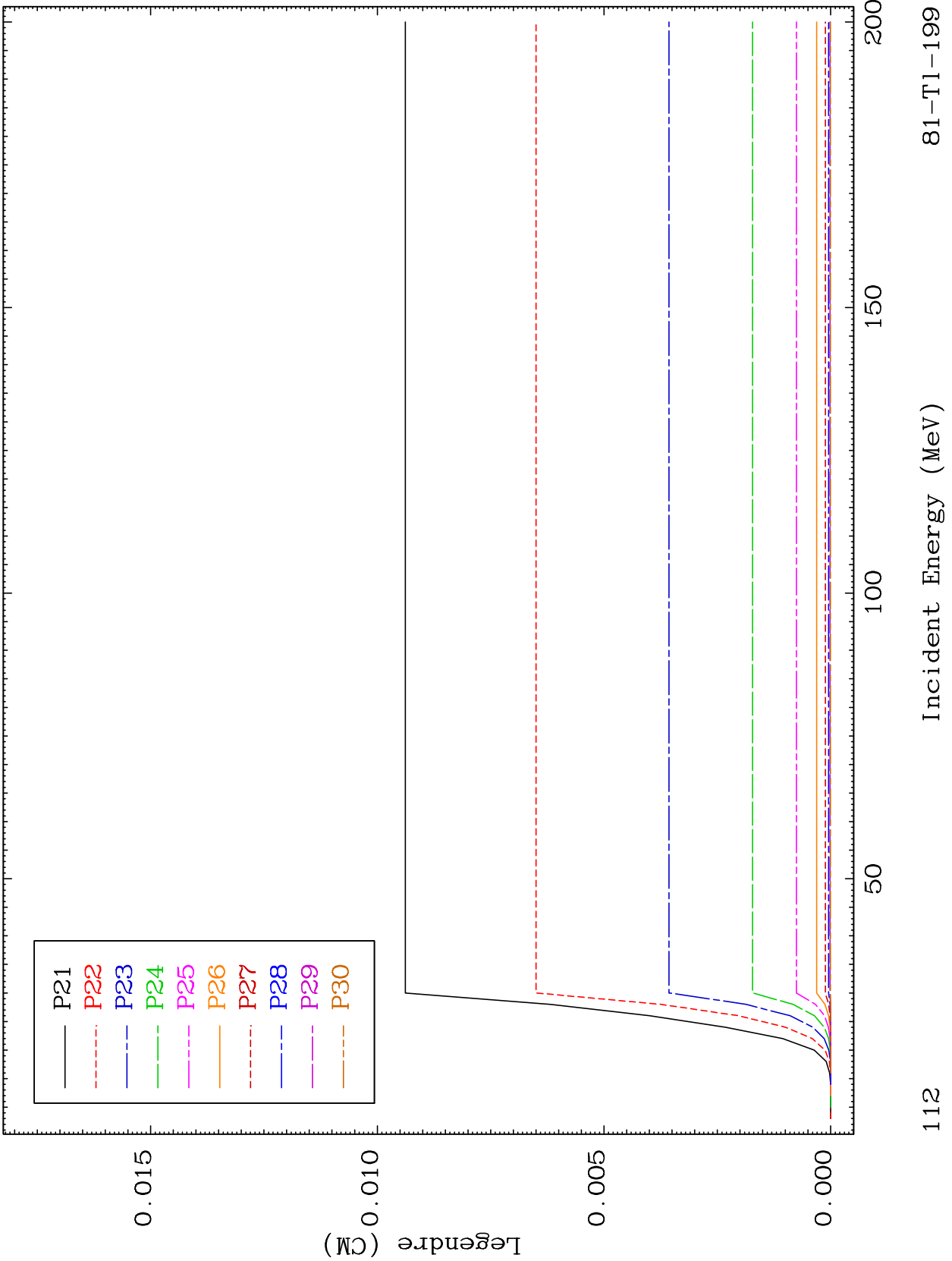
81-T1-199



MAT 8113

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

81-Tl-199



112

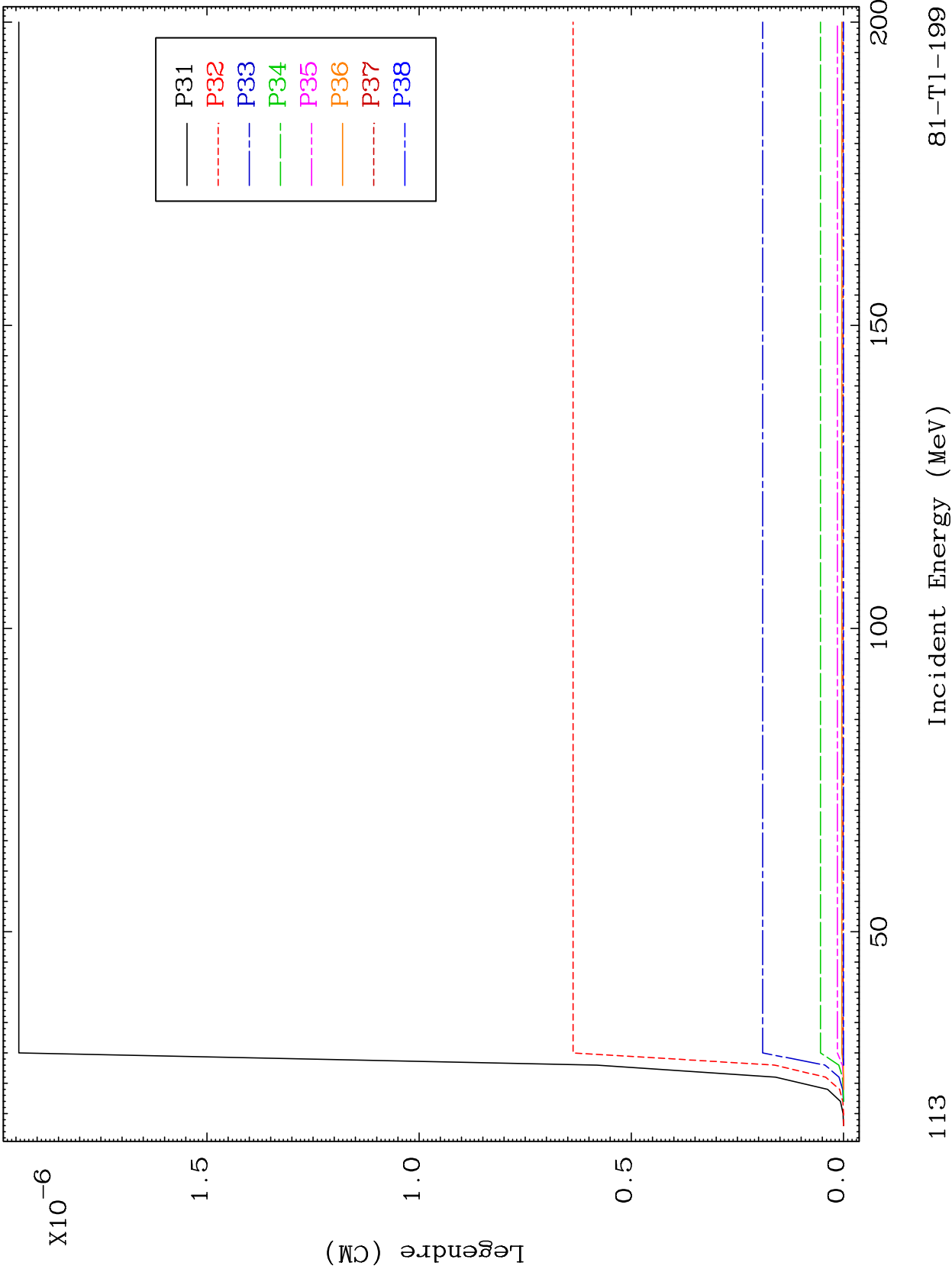
Incident Energy (MeV)

81-Tl-199

MAT 81113

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

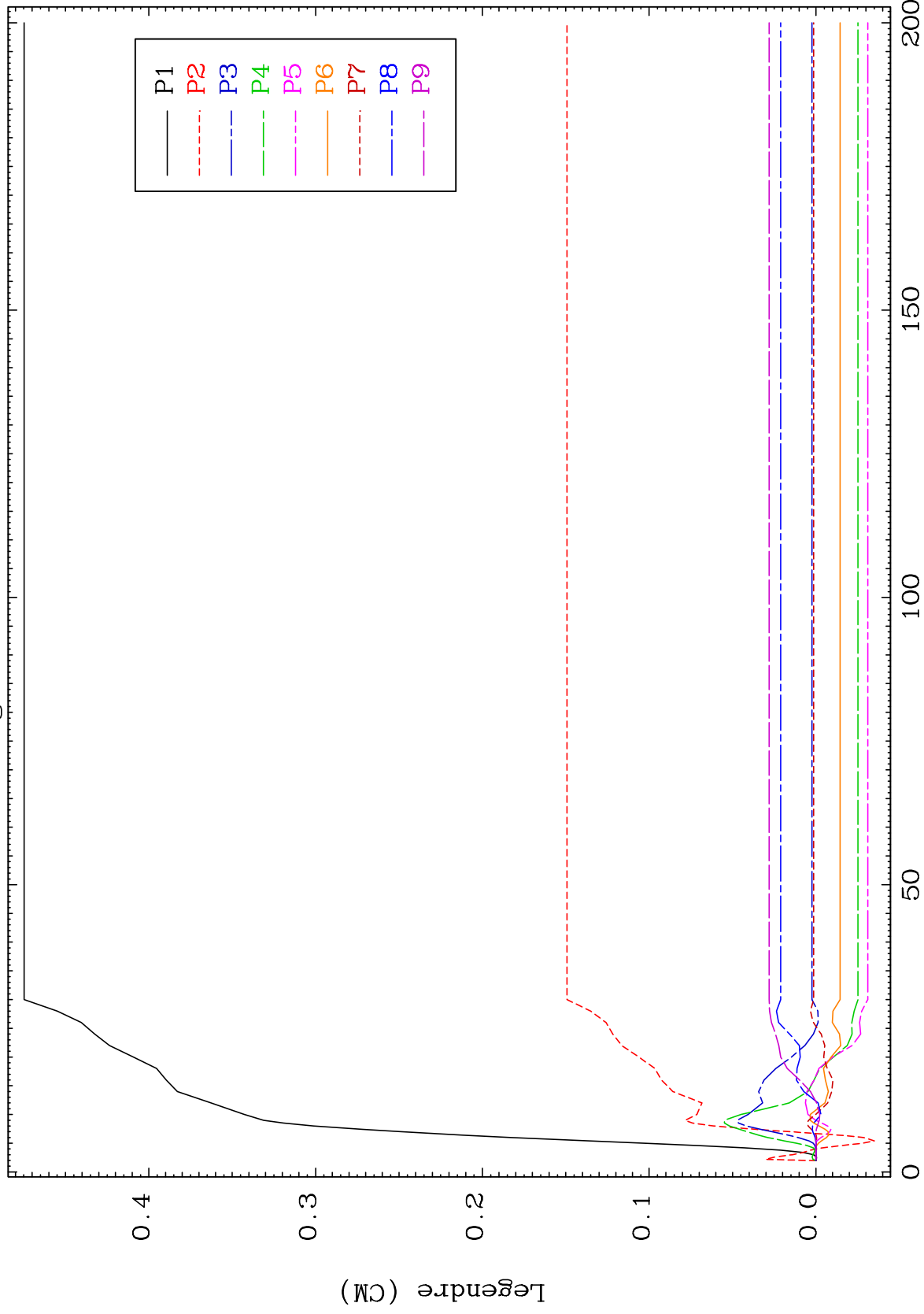
81-T1-199



MAT 81113

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

81-T1-199



114

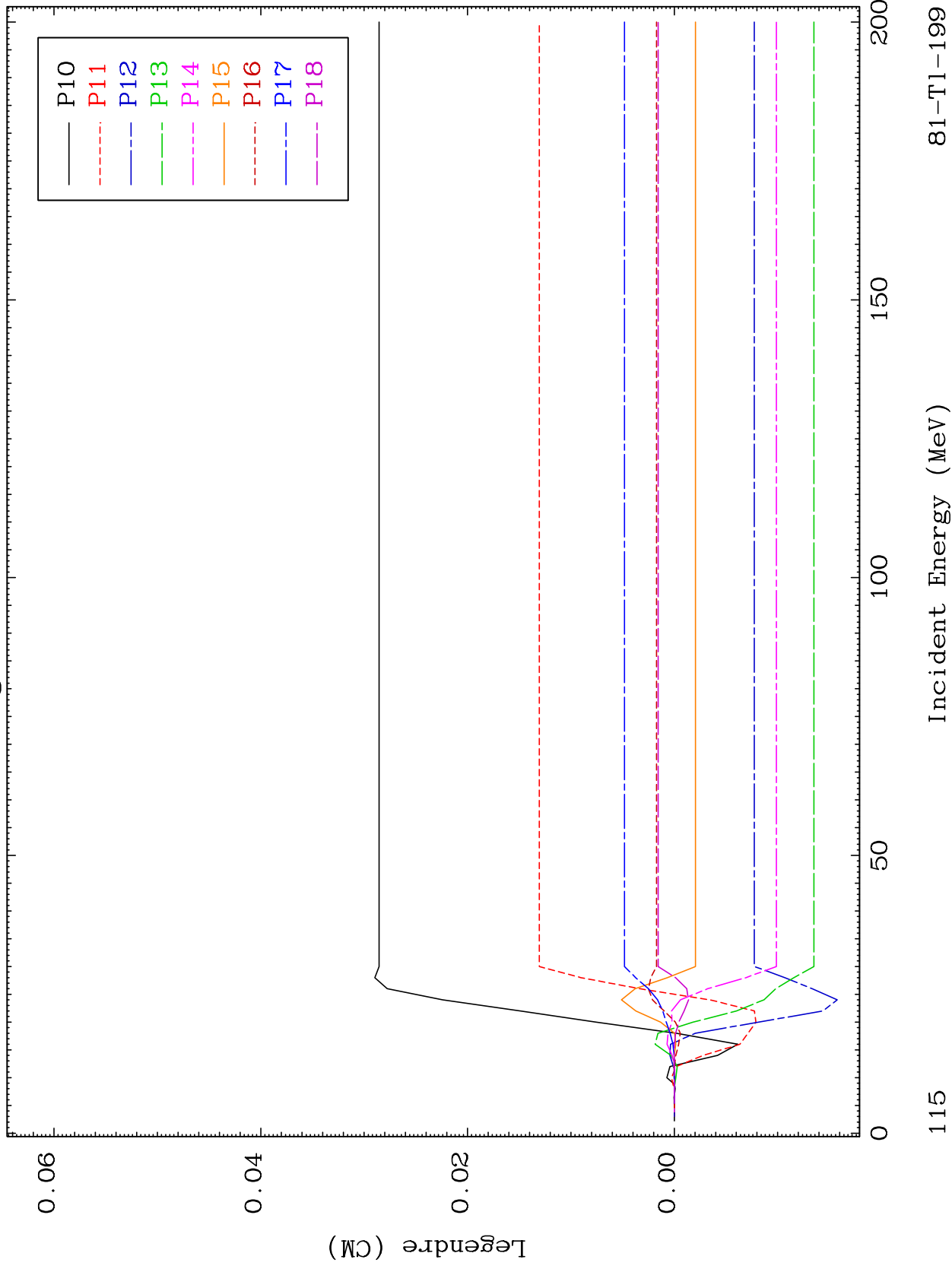
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



81-T1-199

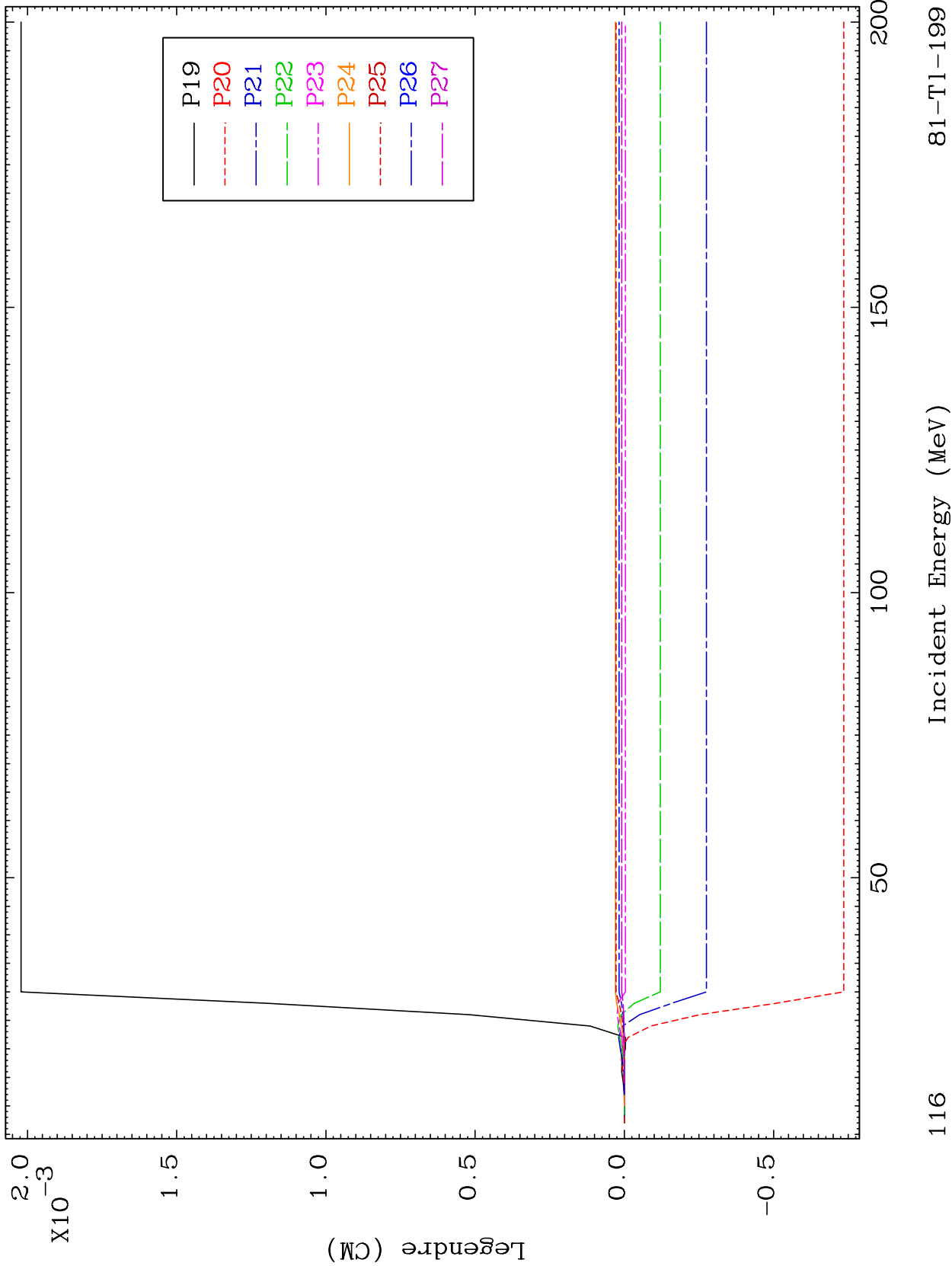
Incident Energy (MeV)

115

MAT 81113

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

81-T1-199



116

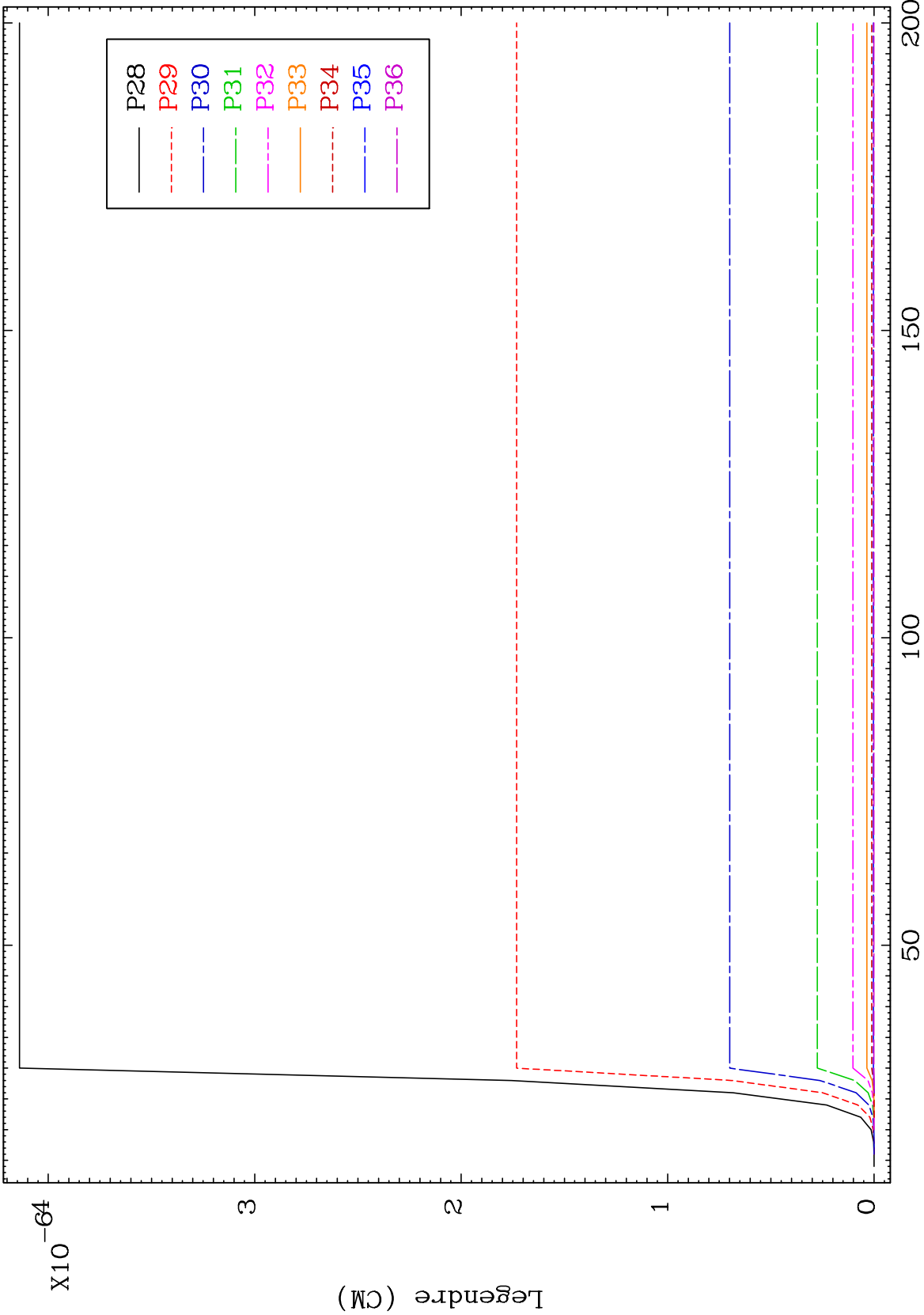
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



117

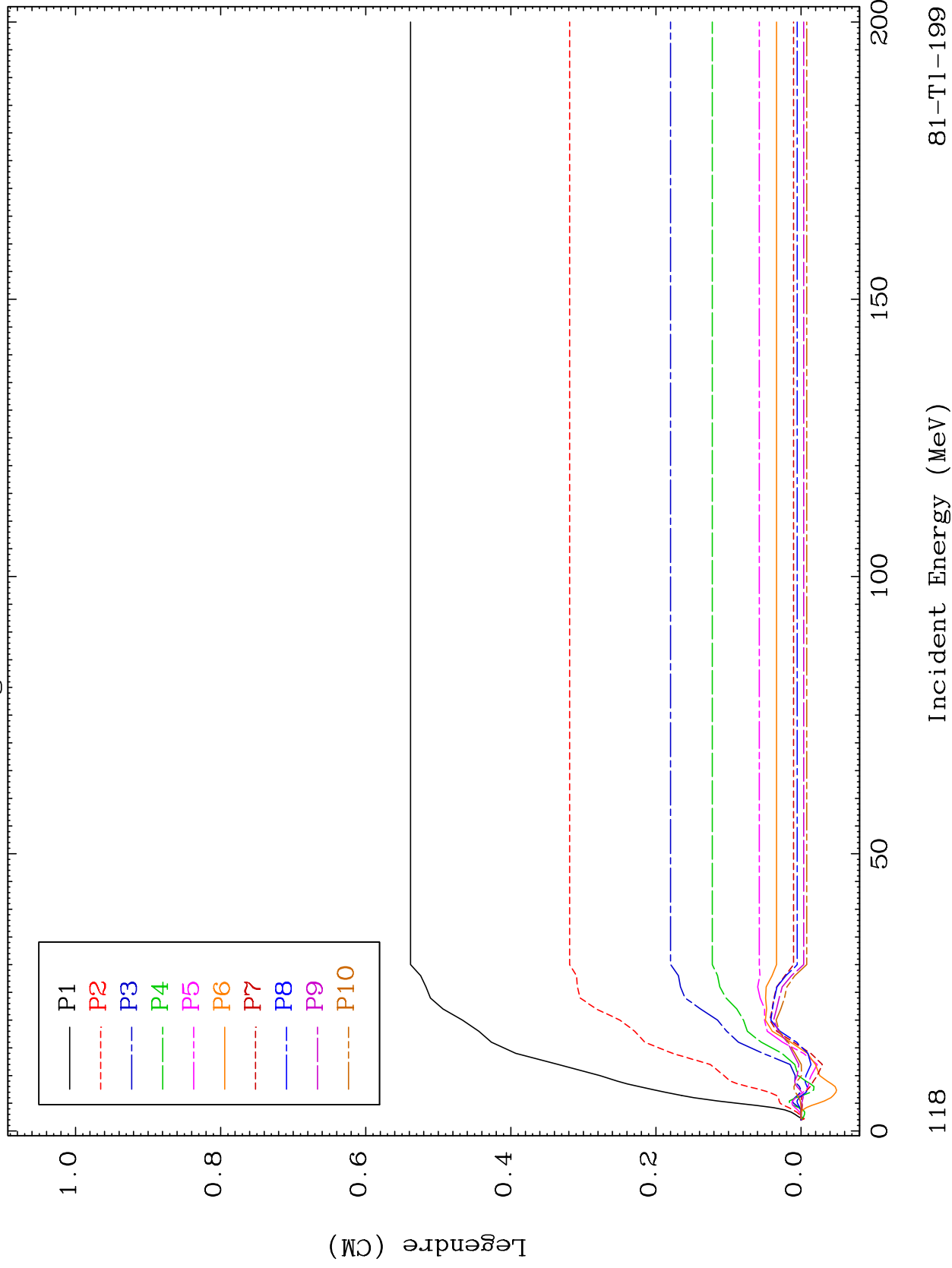
Incident Energy (MeV)

81-T1-199

MAT 81113

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

81-T1-199



118

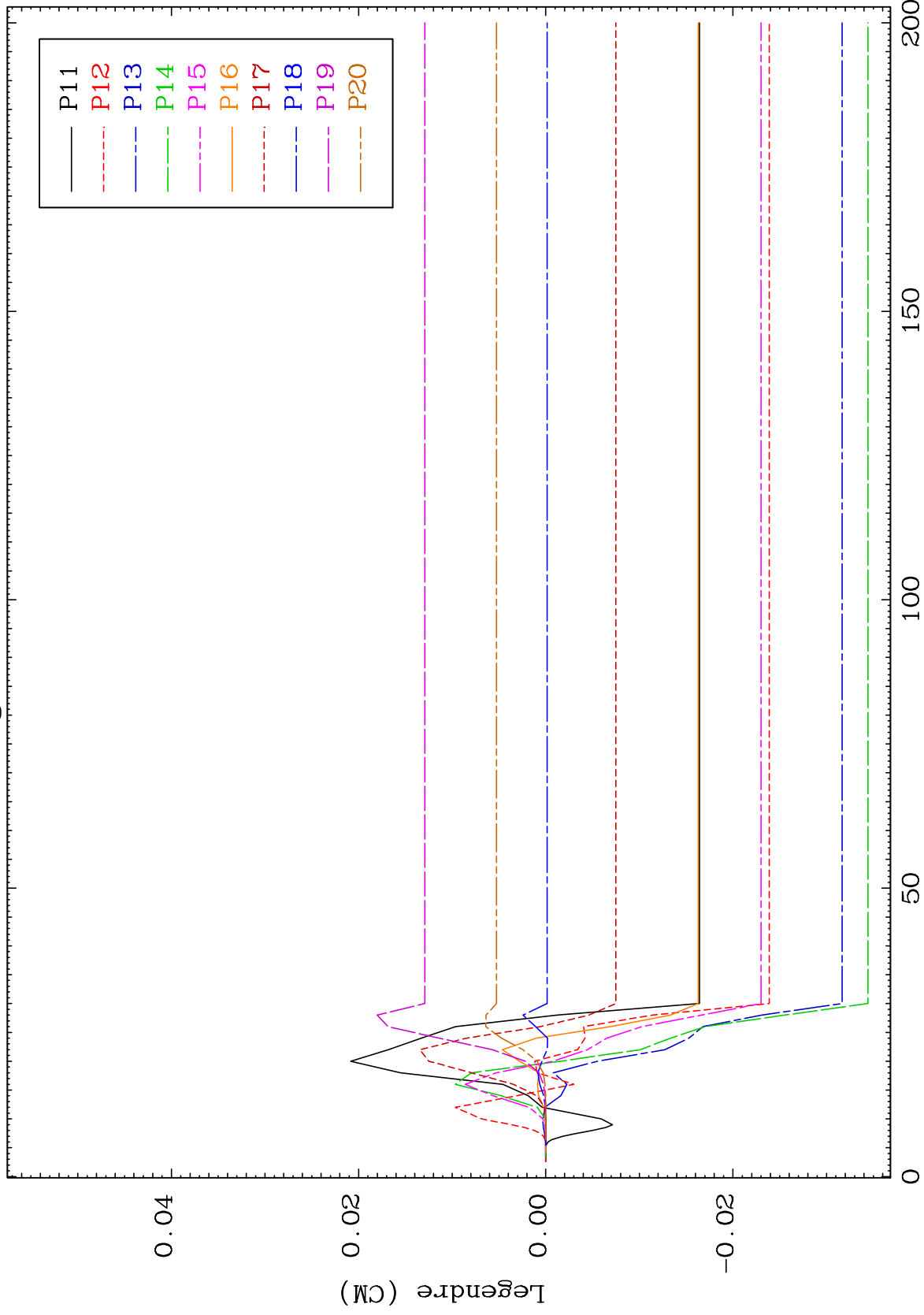
Incident Energy (MeV)

81-T1-199

MAT 8113

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

81-T1-199



119

Incident Energy (MeV)

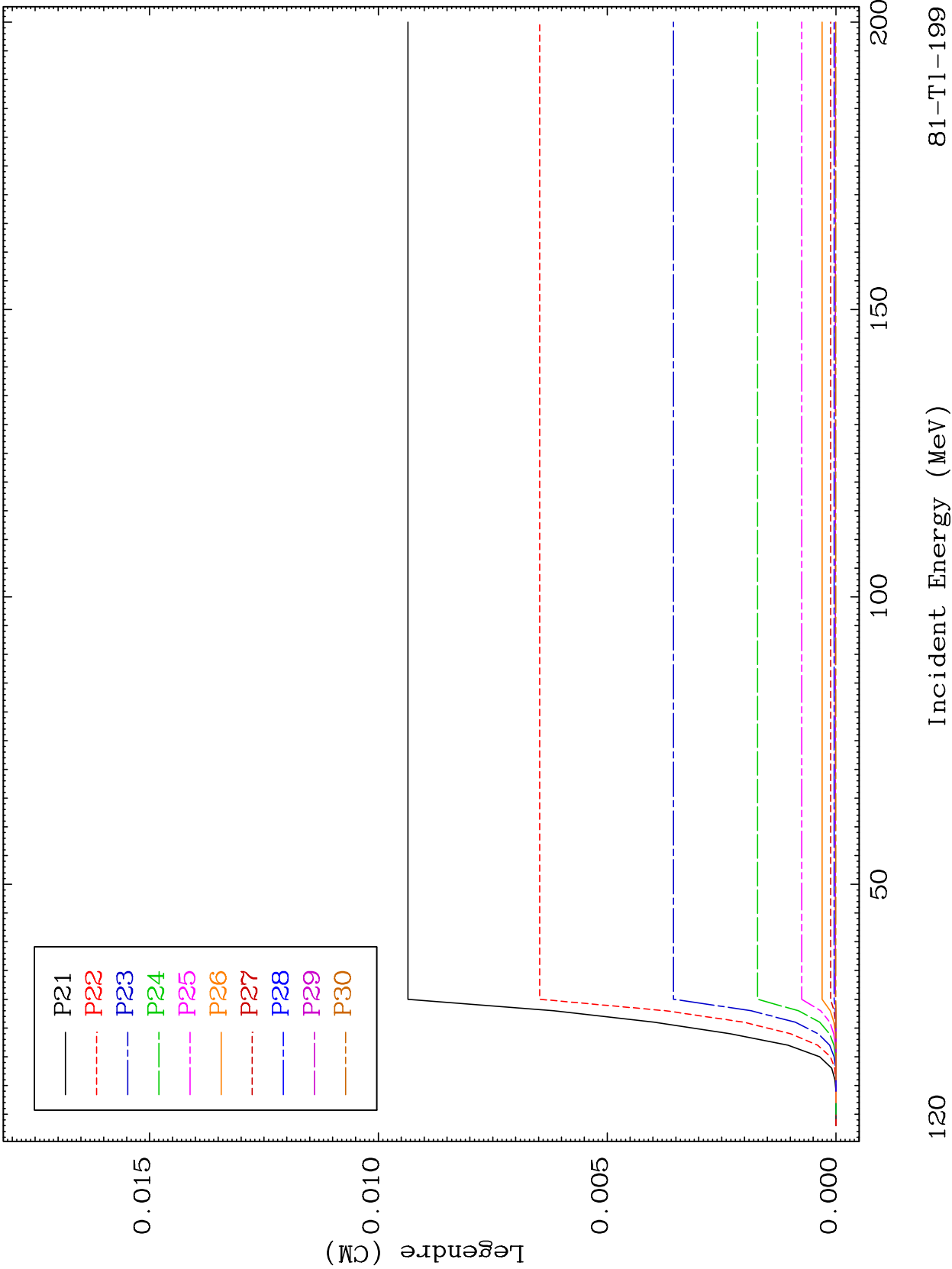
81-T1-199



MAT 8113

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

81-T1-199



120

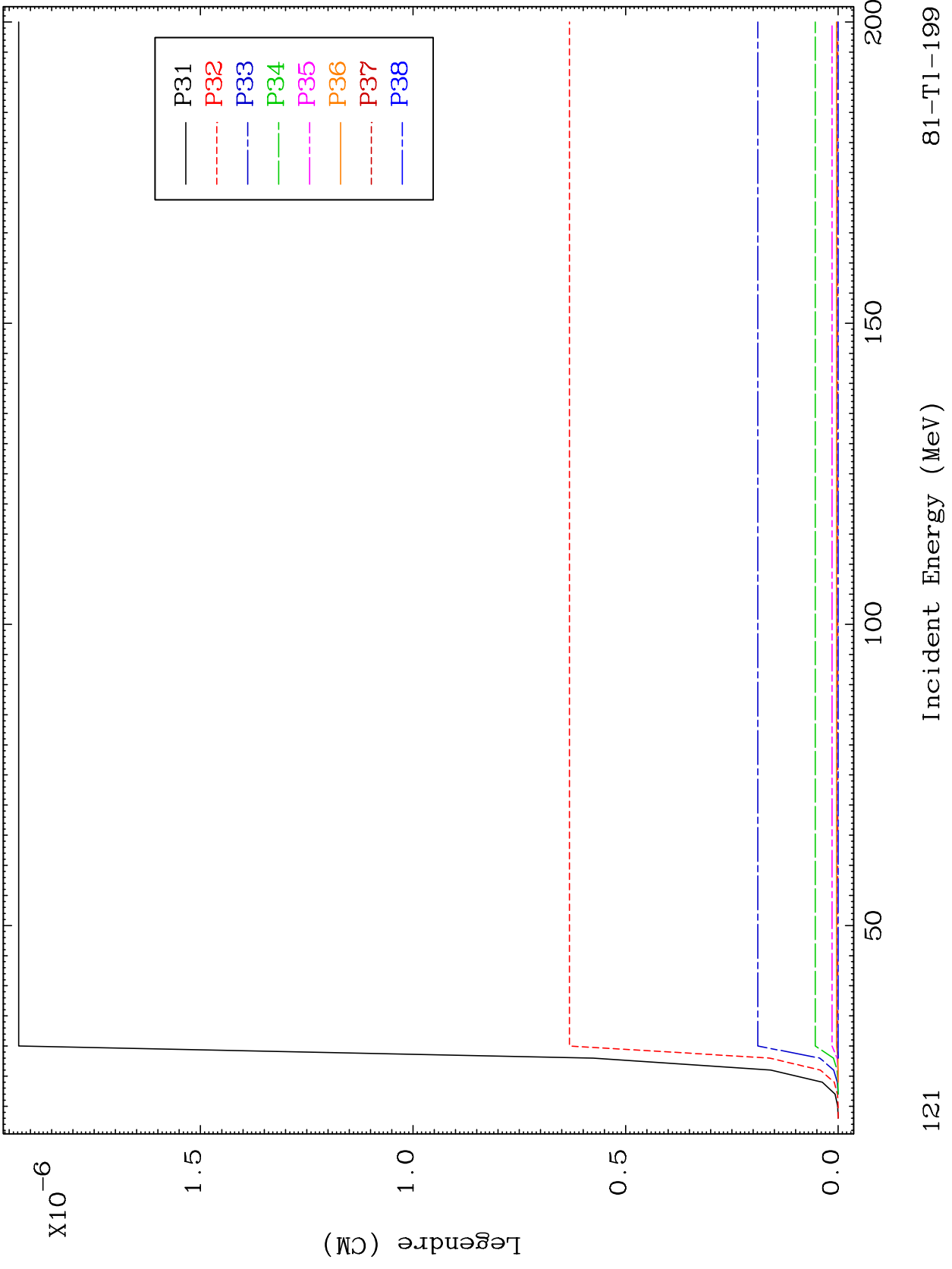
Incident Energy (MeV)

81-T1-199

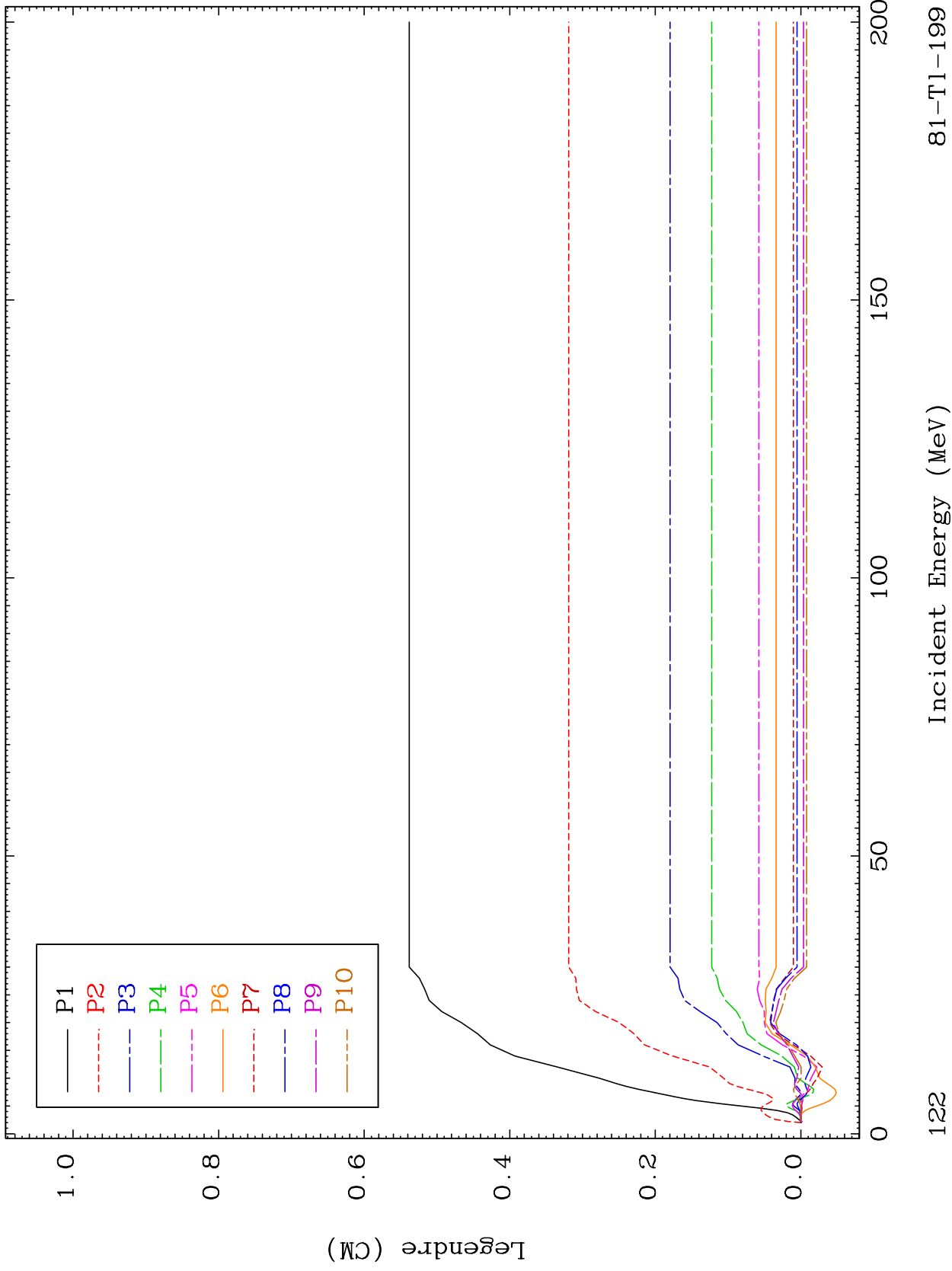
MAT 81113

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

81-T1-199



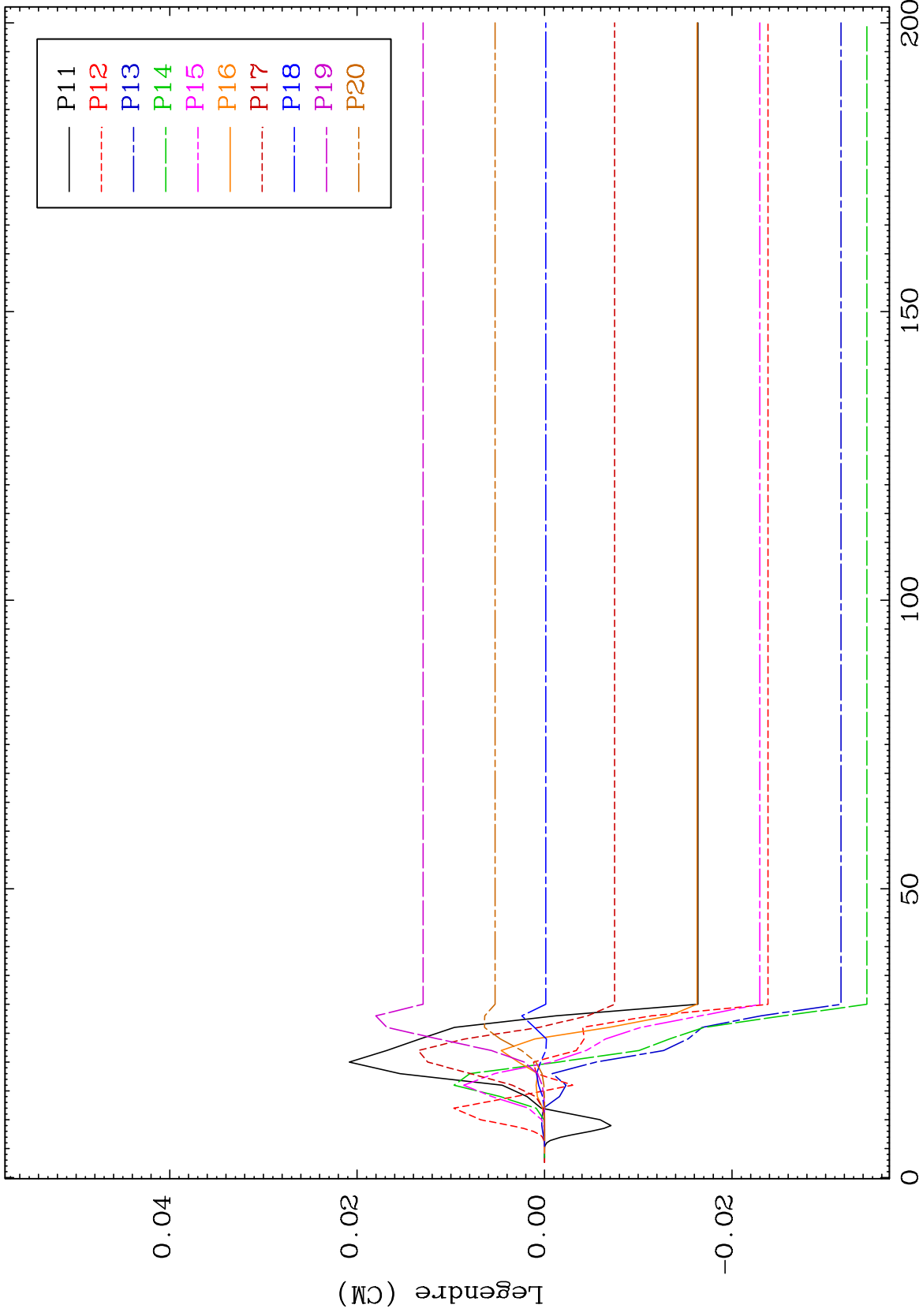
121



MAT 81113

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

81-T1-199



123

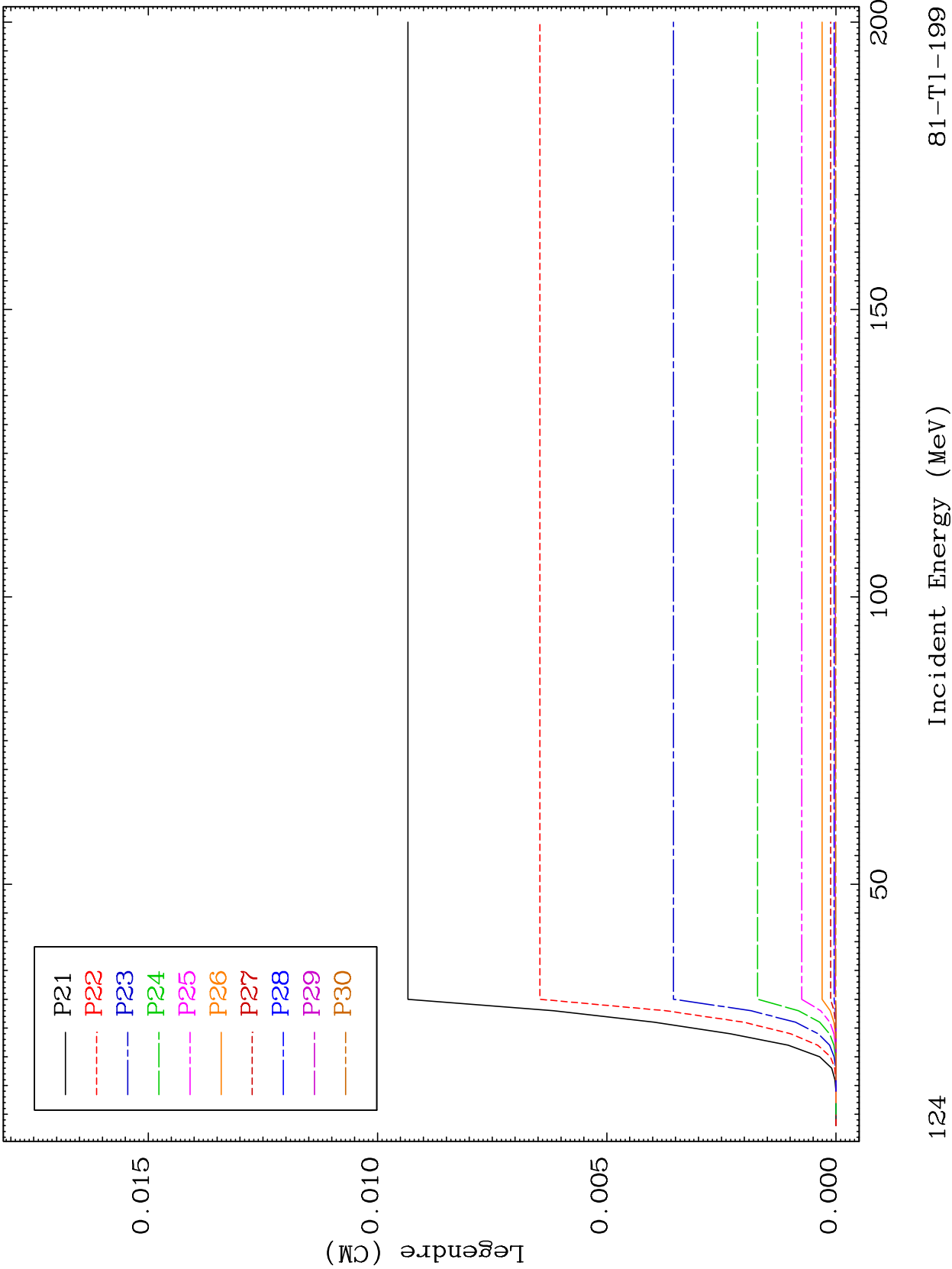
Incident Energy (MeV)

81-T1-199

MAT 8113

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

81-Tl-199



124

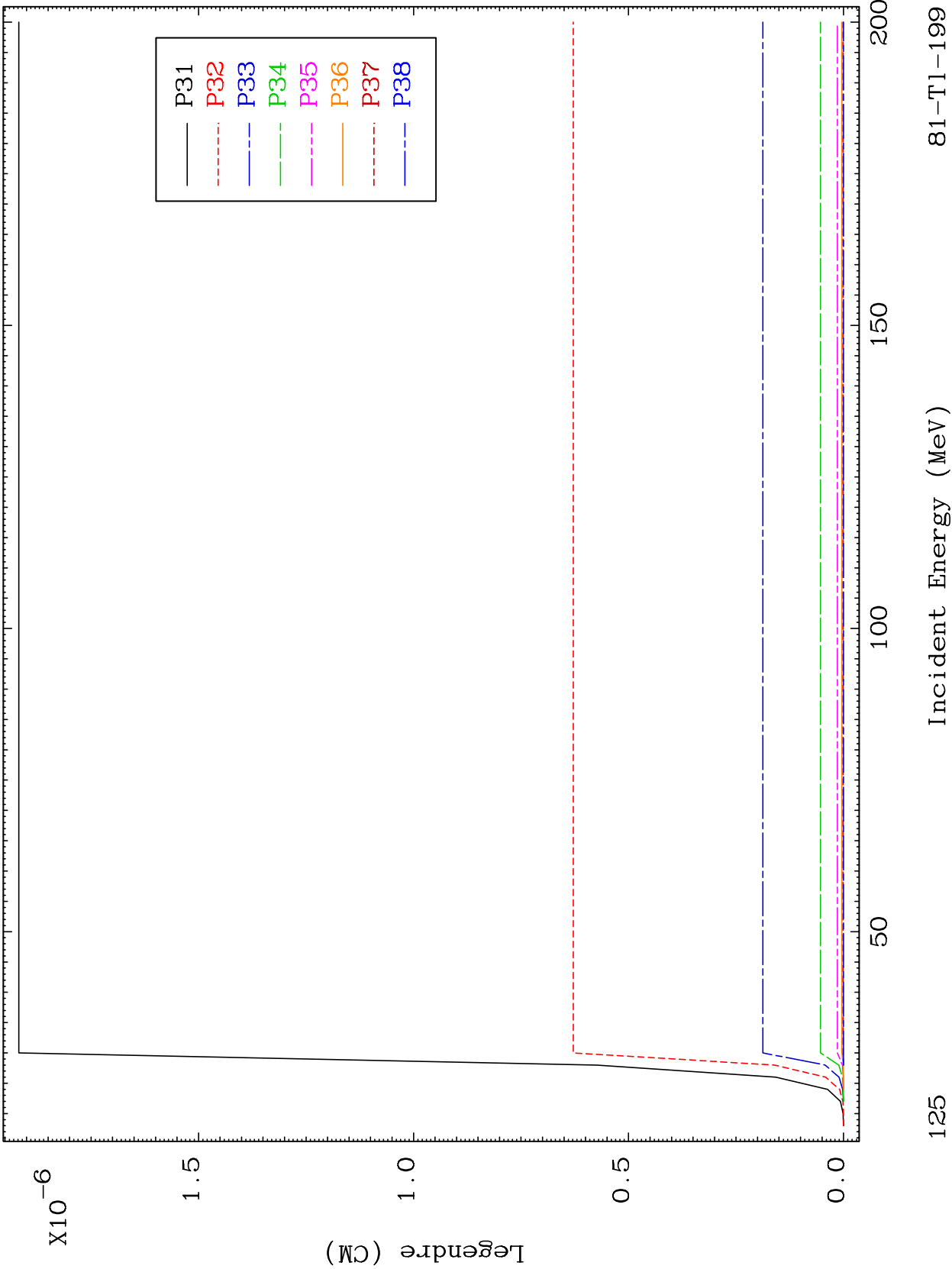
Incident Energy (MeV)

81-Tl-199

MAT 81113

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

81-T1-199



81-T1-199

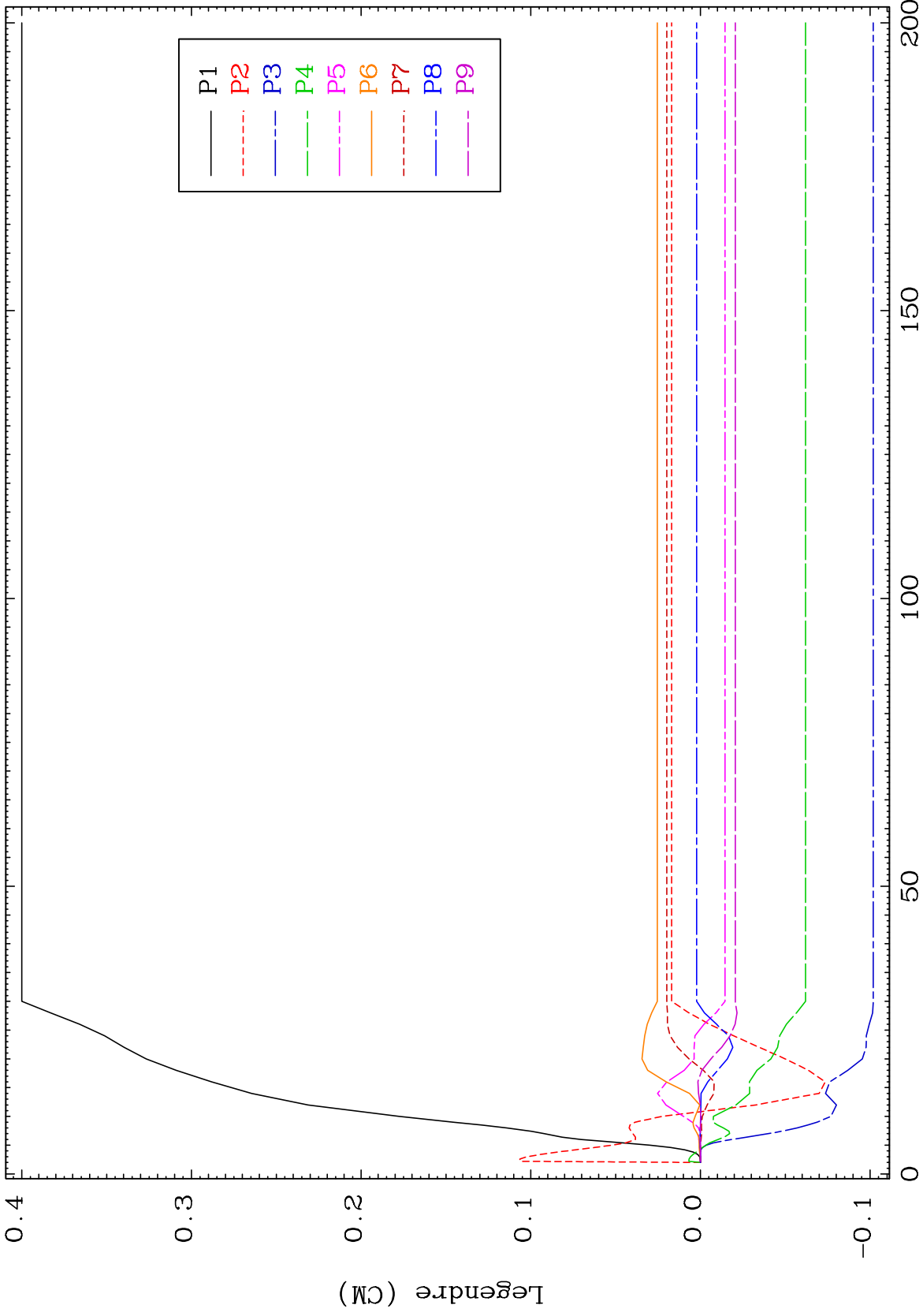
Incident Energy (MeV)

125

MAT 81113

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

81-T1-199



126

Incident Energy (MeV)

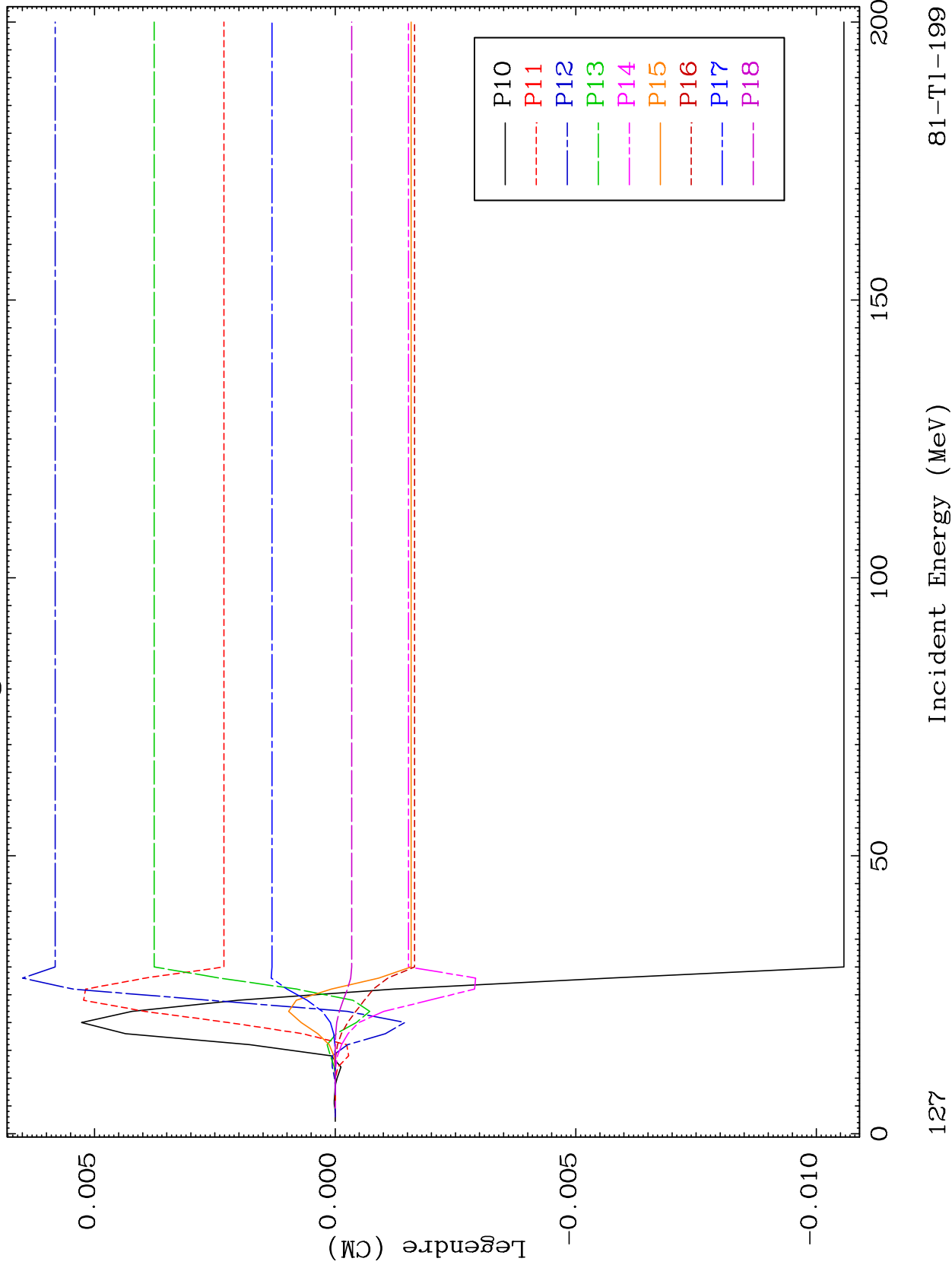
81-T1-199

MAT 81113

MT= 78 (n,n') Level

81-Tl-199

Legendre Coefficients



127

Incident Energy (MeV)

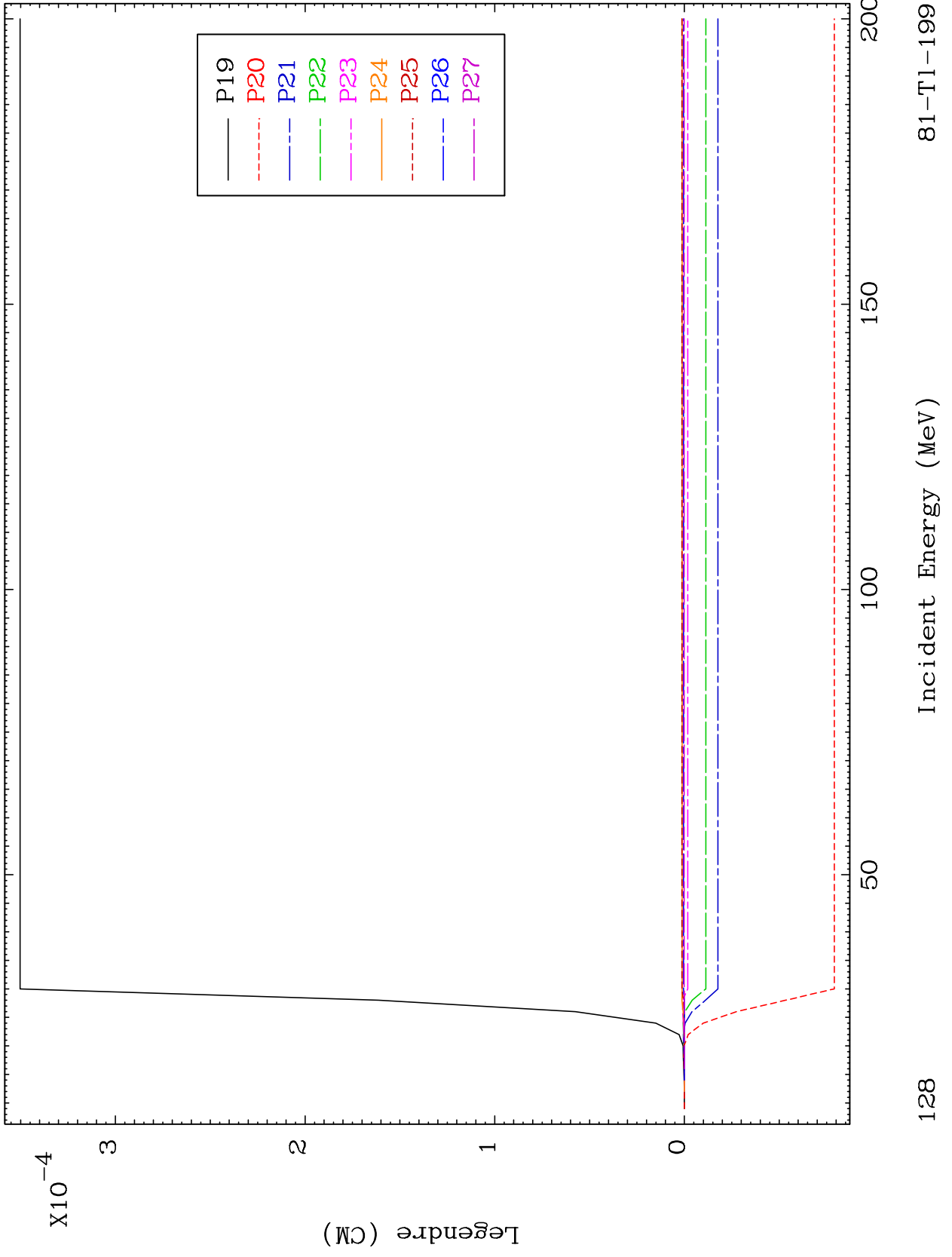
81-Tl-199



MAT 81113

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

81-T1-199



128

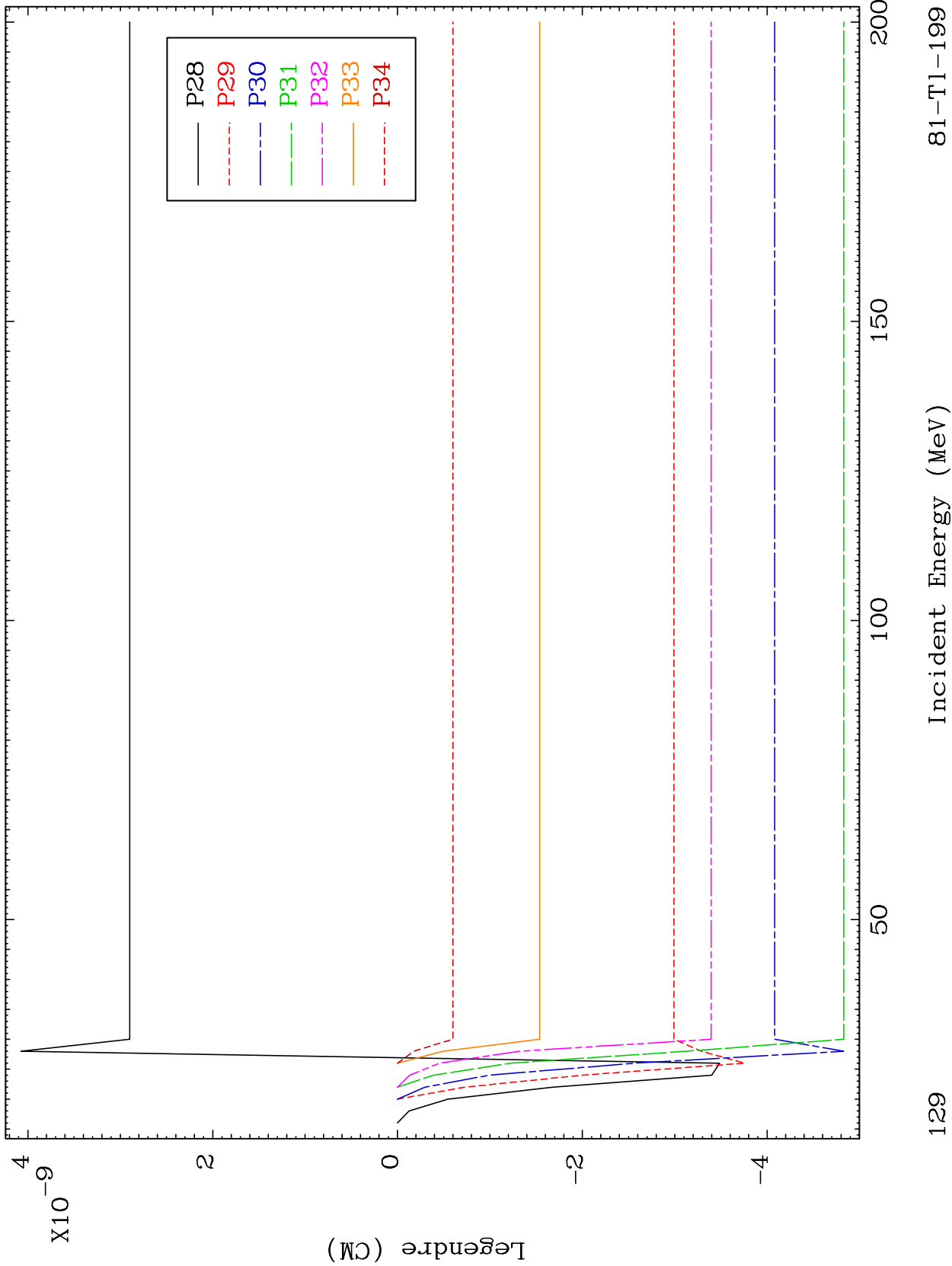
Incident Energy (MeV)

81-T1-199

MAT 8113

81-Tl-199

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



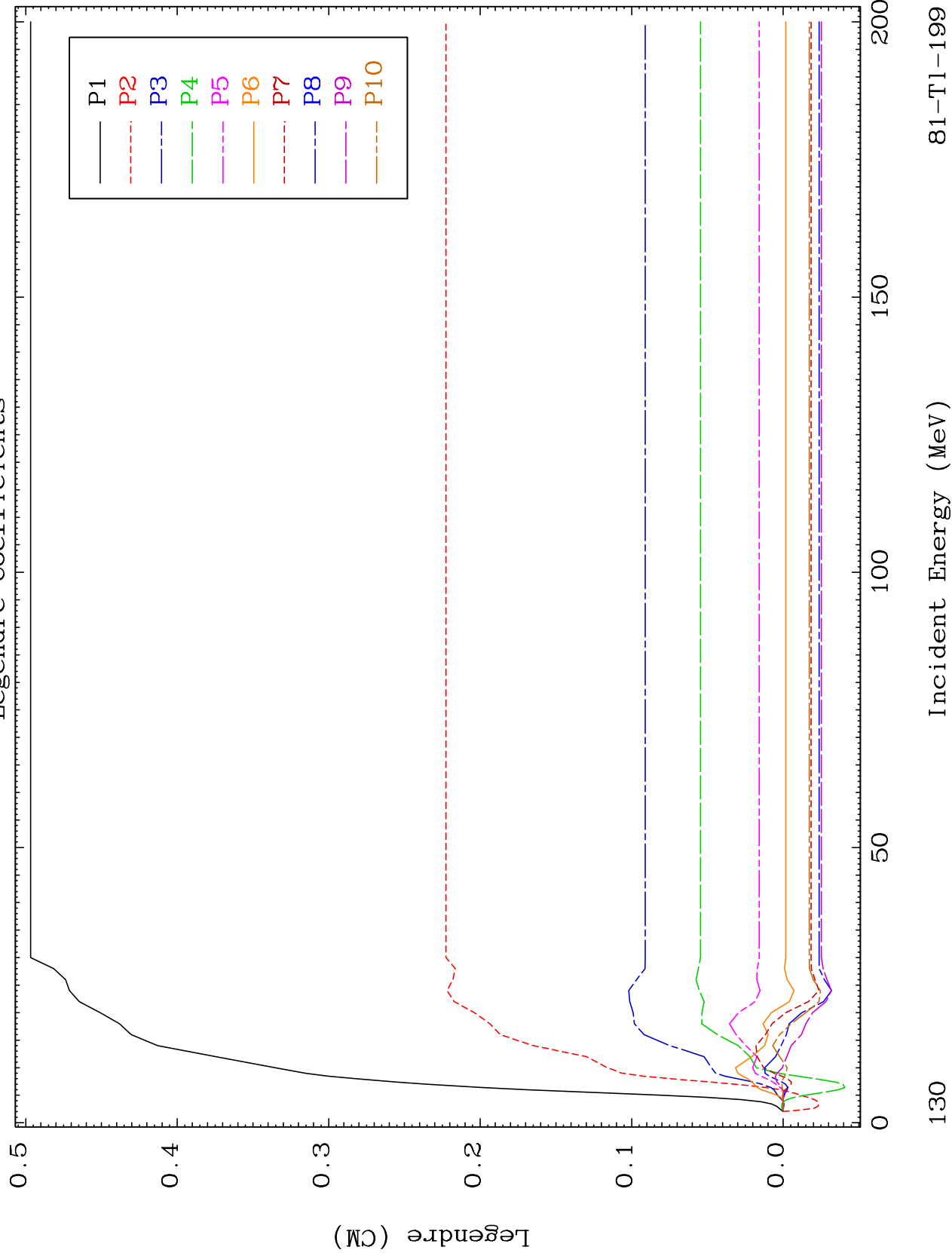
129

81-Tl-199

MAT 81113

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

81-T1-199



81-T1-199

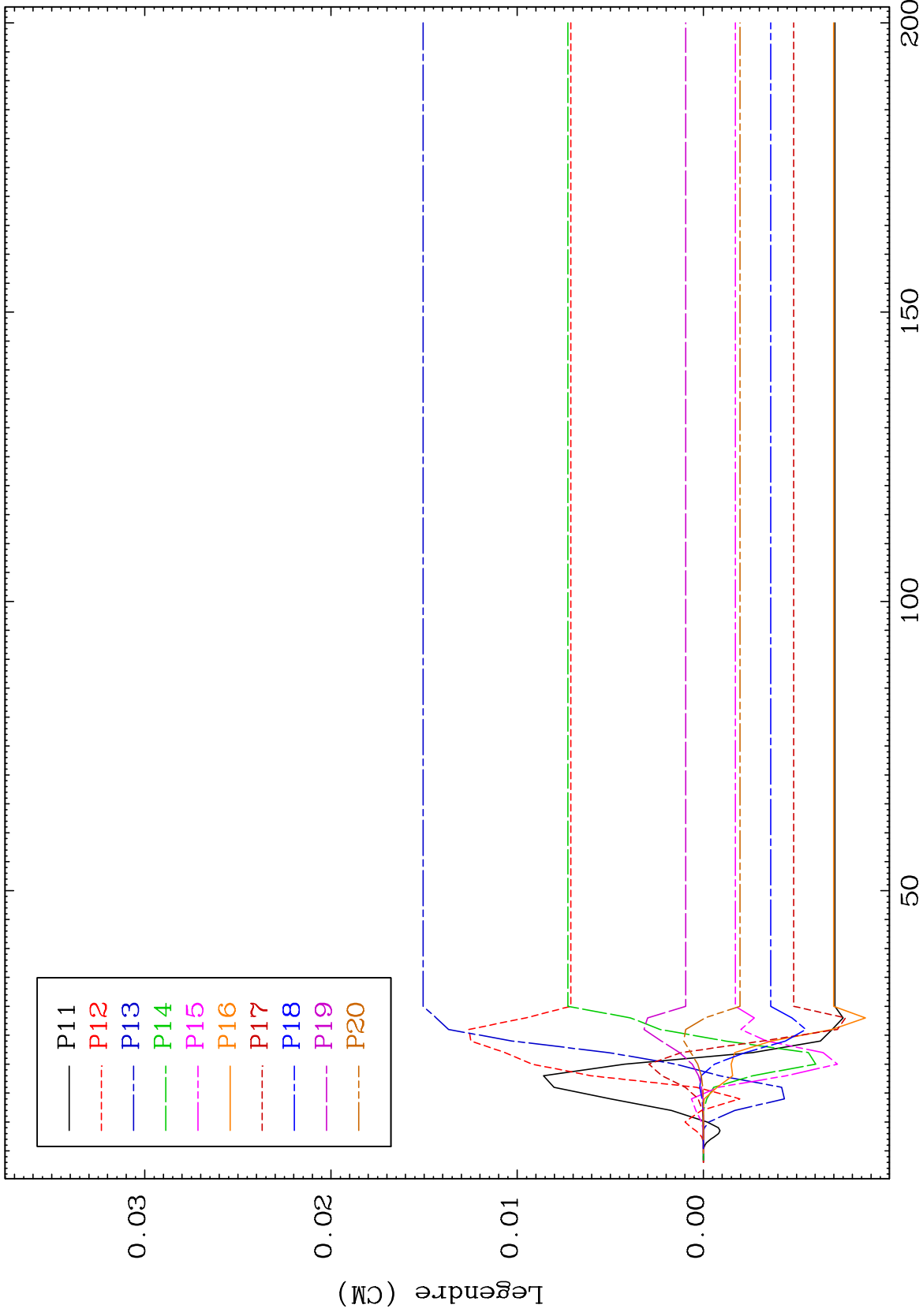
Incident Energy (MeV)

130

MAT 8113

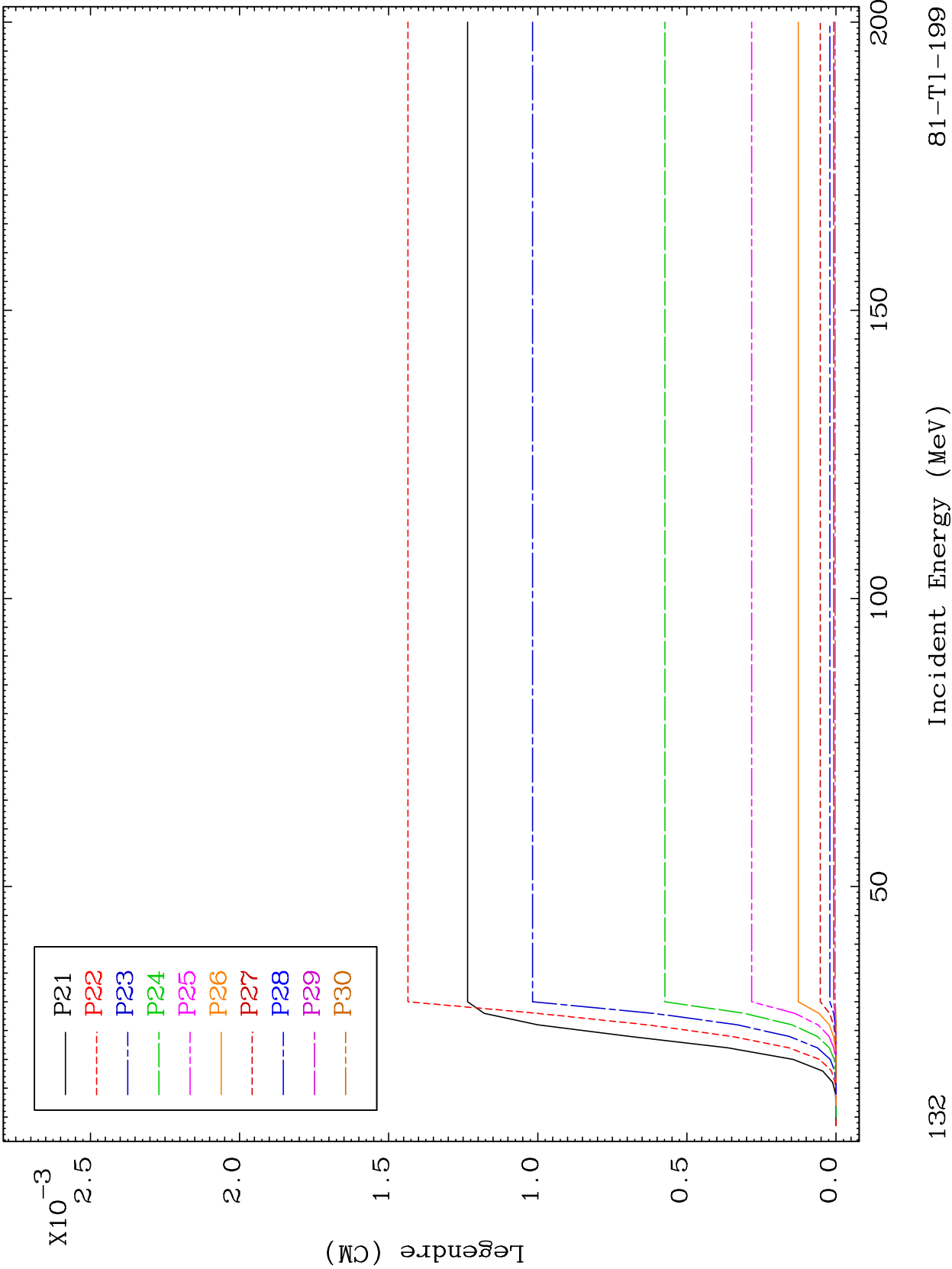
MT= 79 (n,n') Level  
Legendre Coefficients

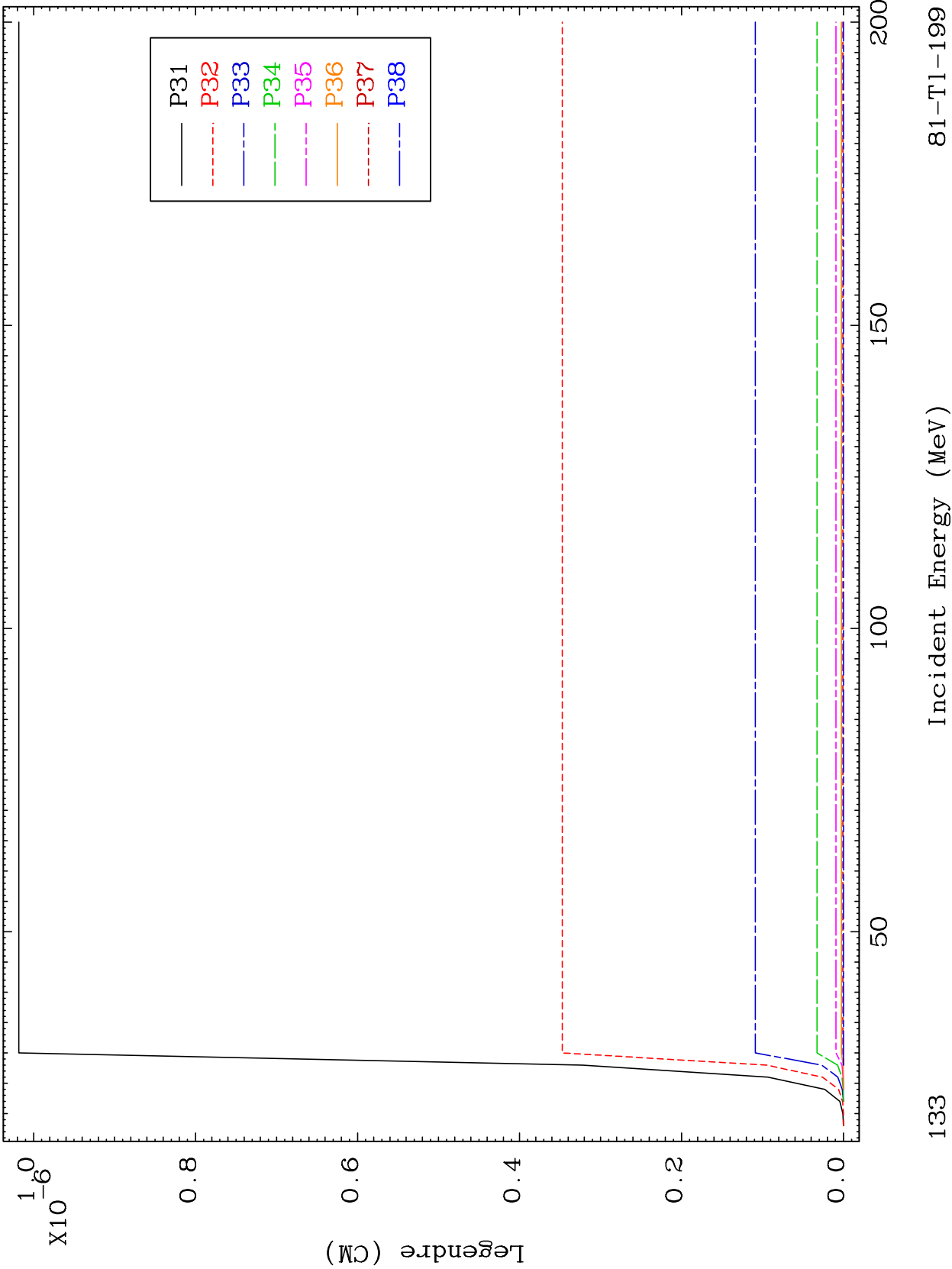
81-T1-199



131

81-T1-199



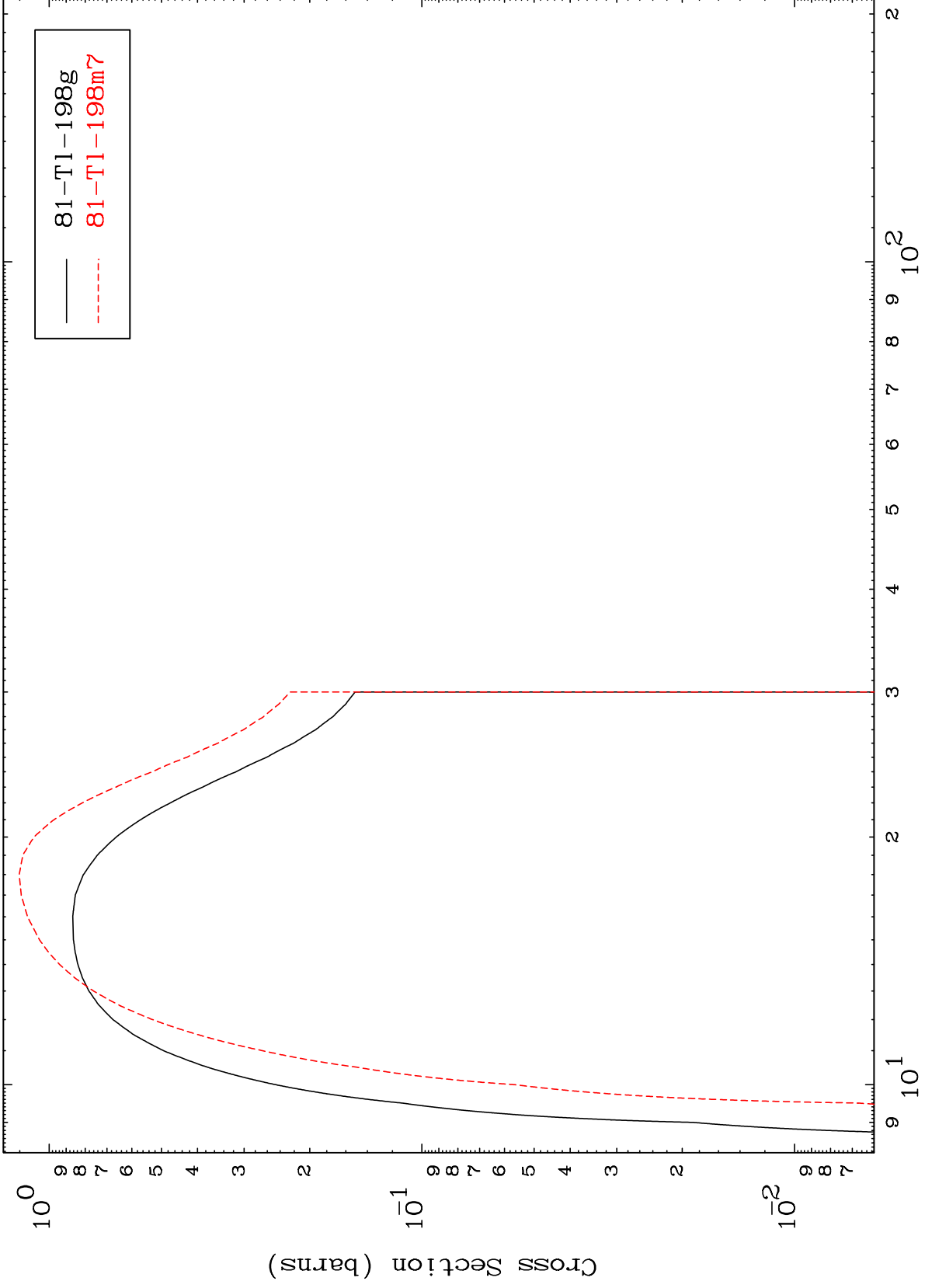


MAT 81113

81-Tl-199

(n,2n)

Radionuclide Production Cross Section



134

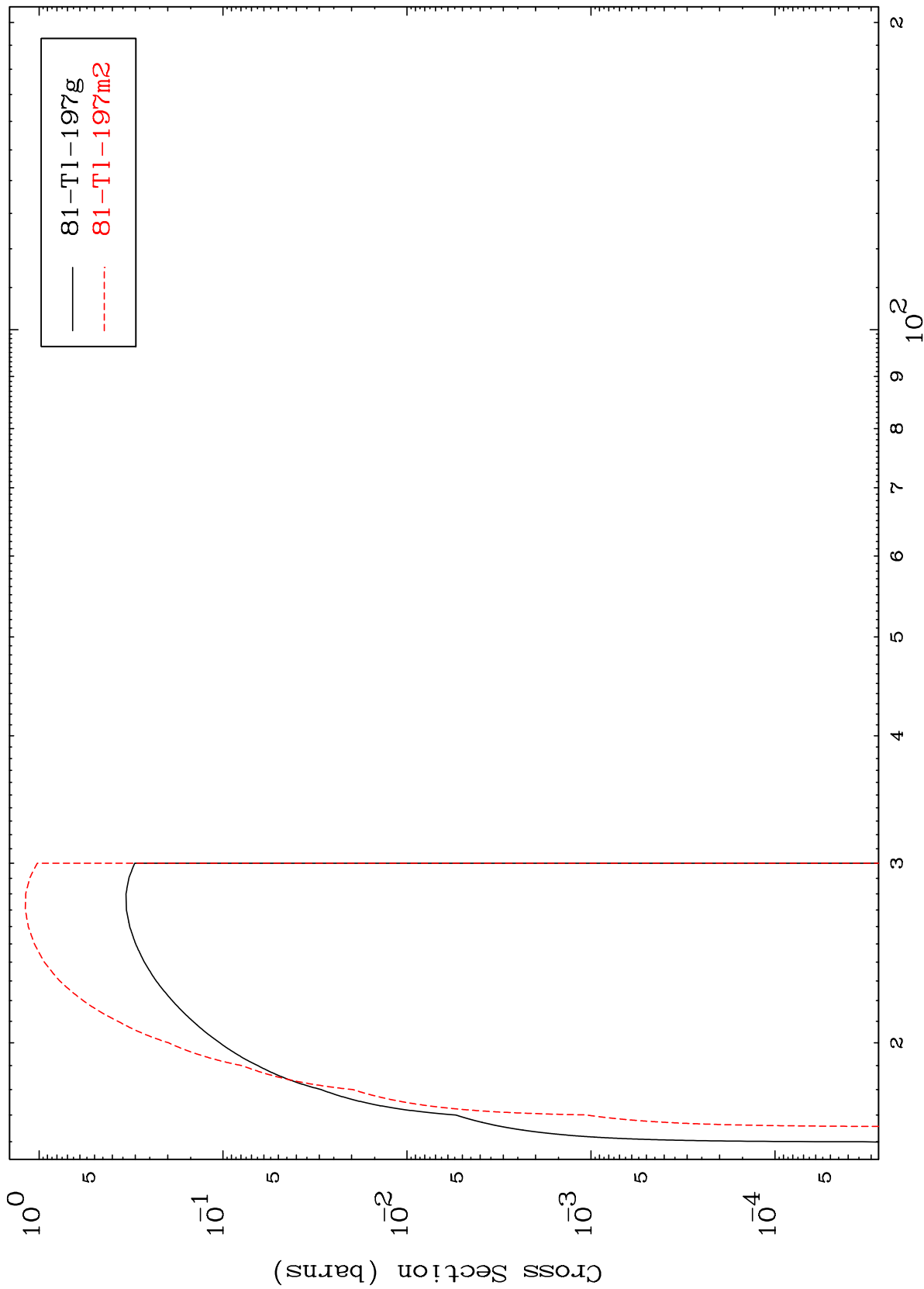
Incident Energy (MeV)

81-Tl-199

MAT 81113

81-Tl-199

(n,3n)  
Radionuclide Production Cross Section



81-Tl-197g  
81-Tl-197m2

135

Incident Energy (MeV)

81-Tl-199

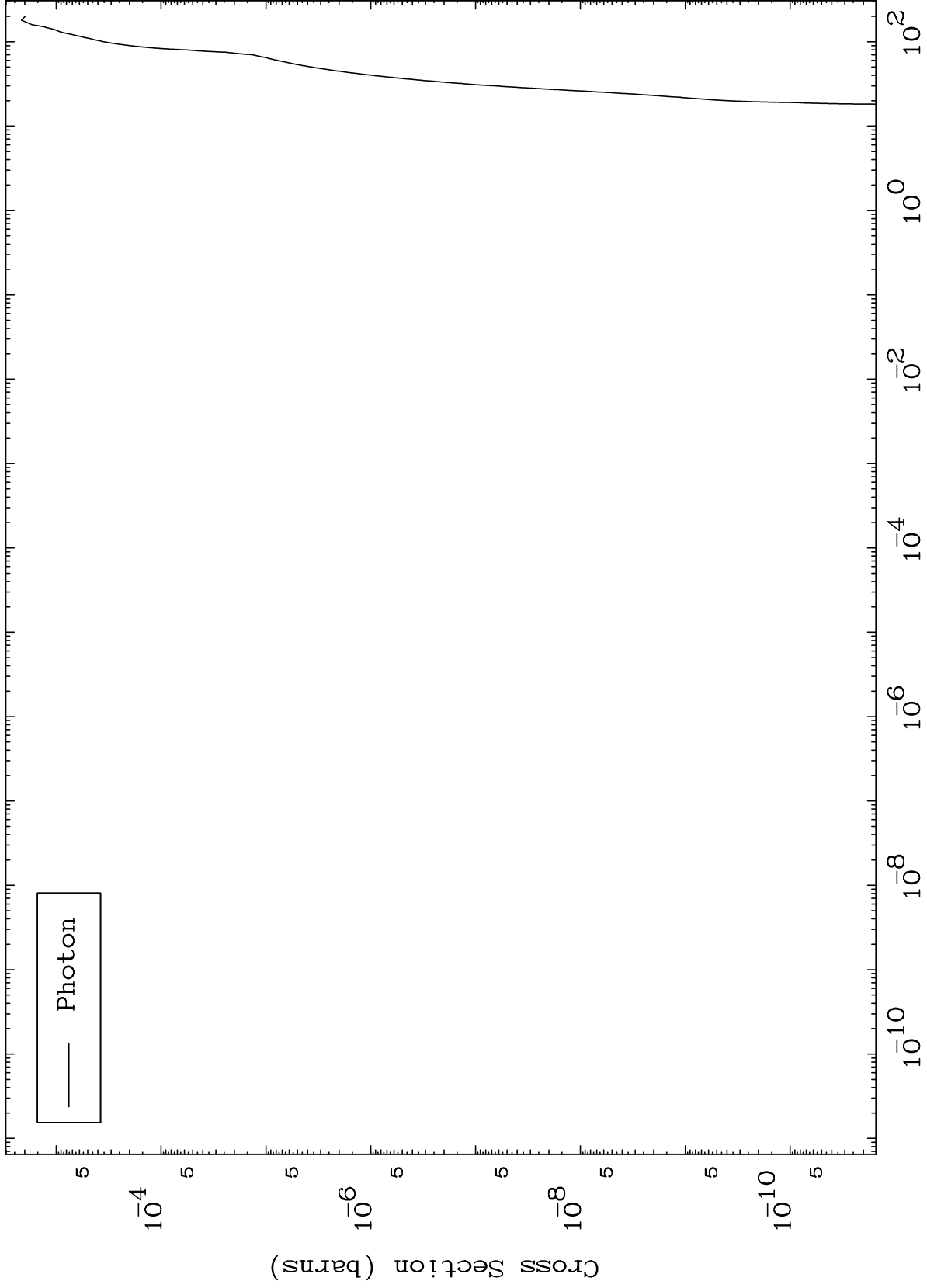


MAT 8113

Fission

81-Tl-199

Radionuclide Production Cross Section



136

Incident Energy (MeV)

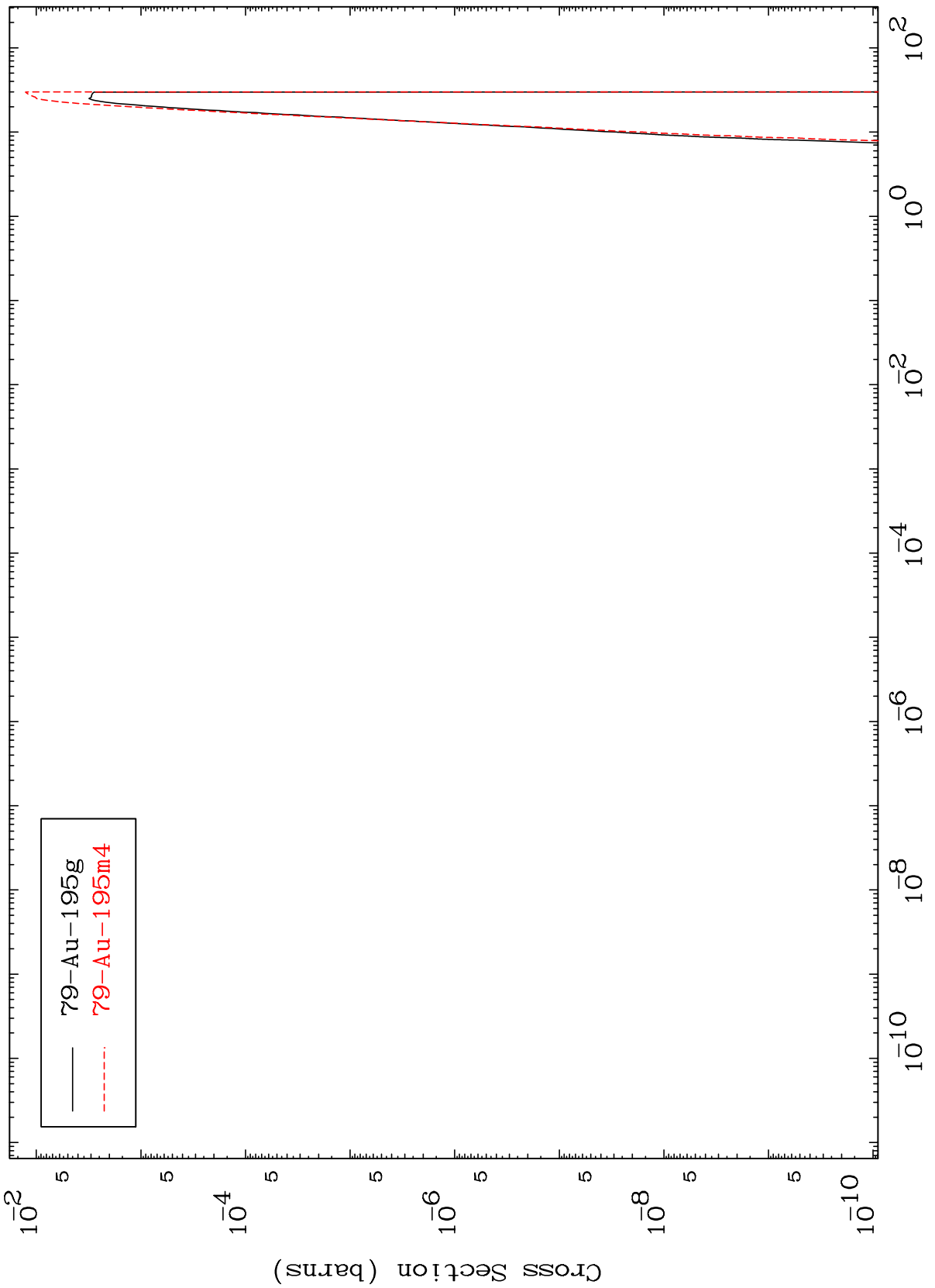
81-Tl-199

MAT 8113

$(n, n') \alpha$

81-Tl-199

Radionuclide Production Cross Section



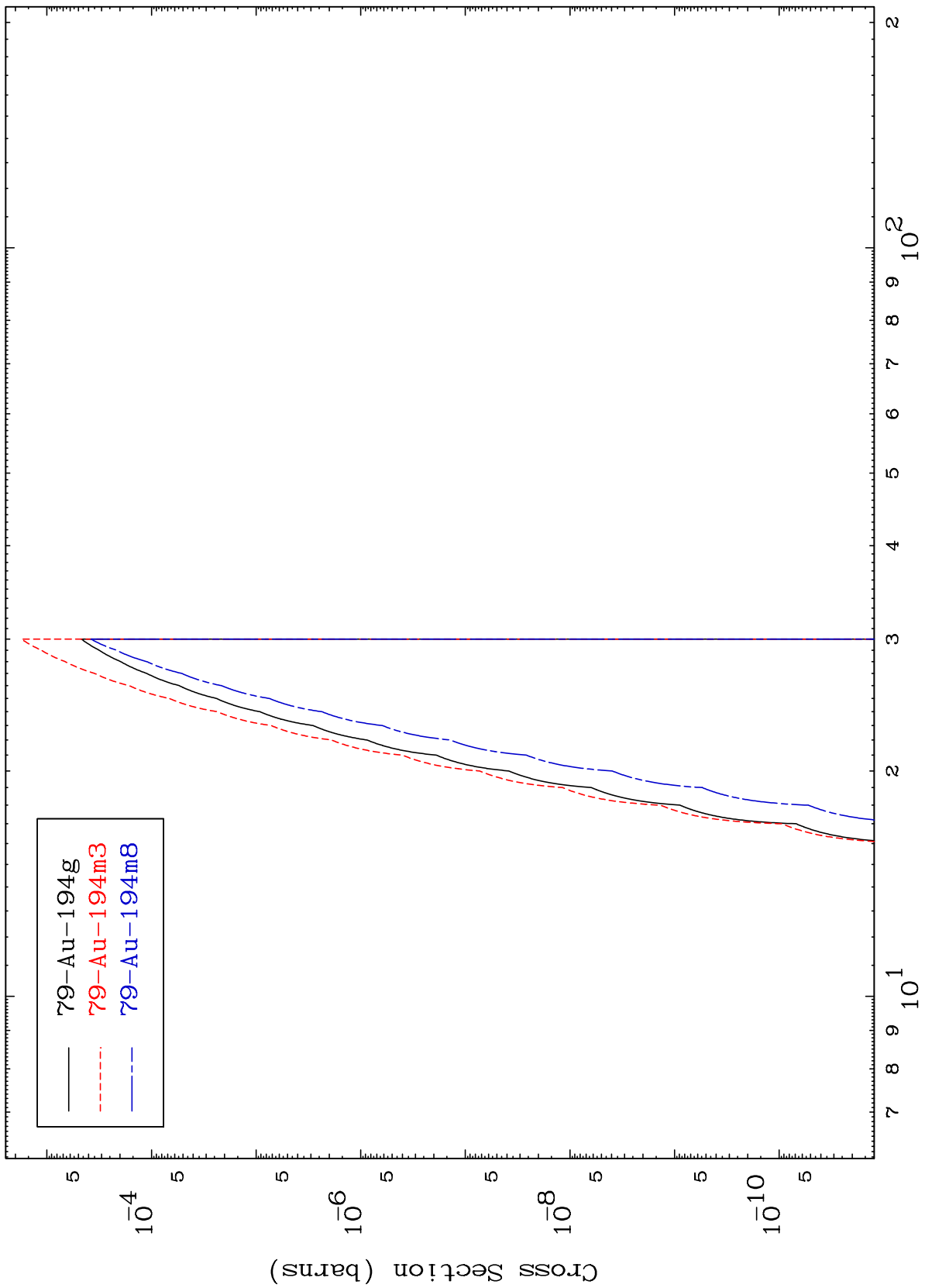
—  $^{195}\text{gAu}$   
- - -  $^{195}\text{m4Au}$

MAT 8113

81-Tl-199

(n,2n)  $\alpha$

Radionuclide Production Cross Section



138

Incident Energy (MeV)

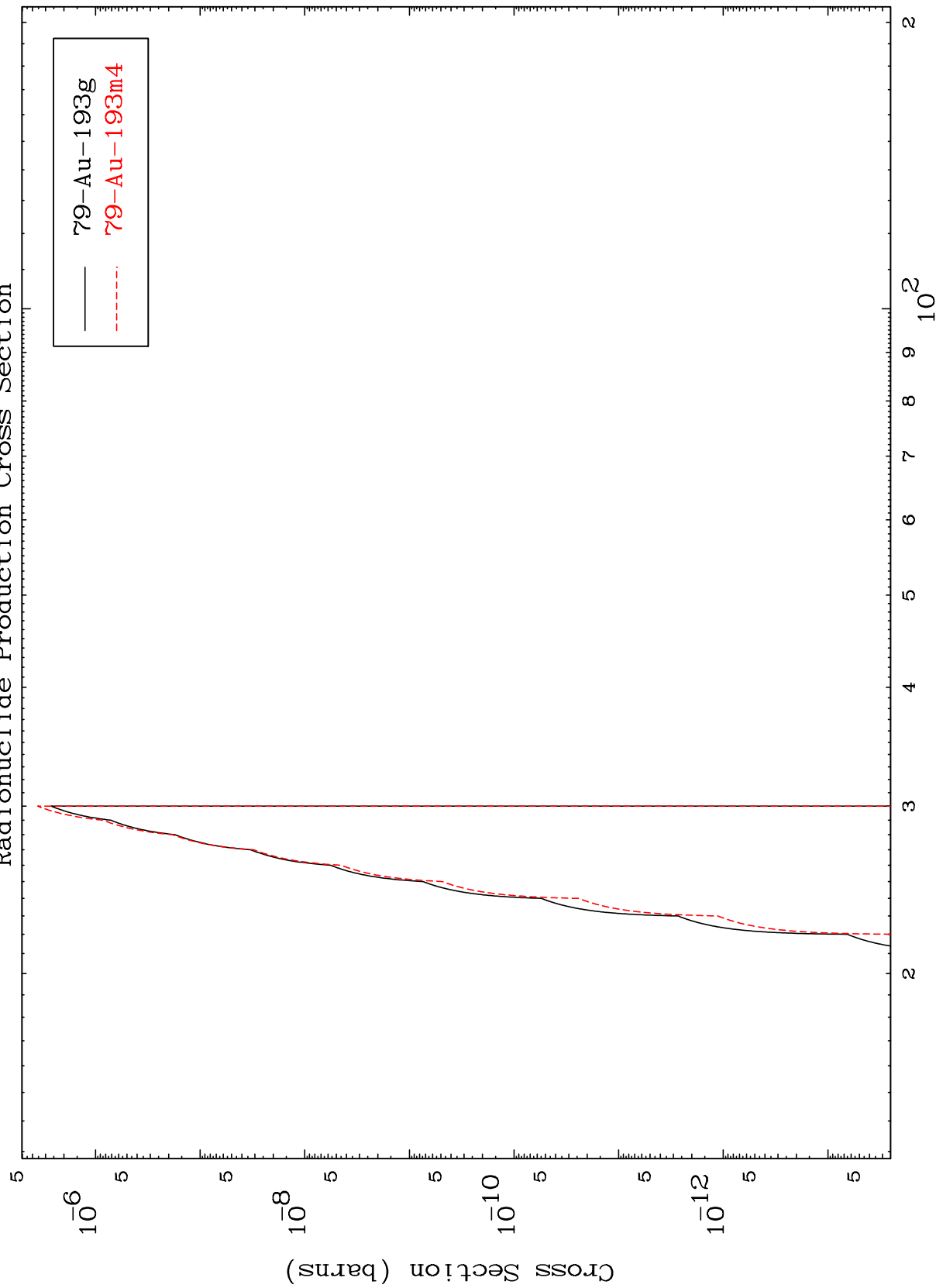
81-Tl-199

MAT 81113

(n,3n)  $\alpha$

81-Tl-199

Radionuclide Production Cross Section



139

Incident Energy (MeV)

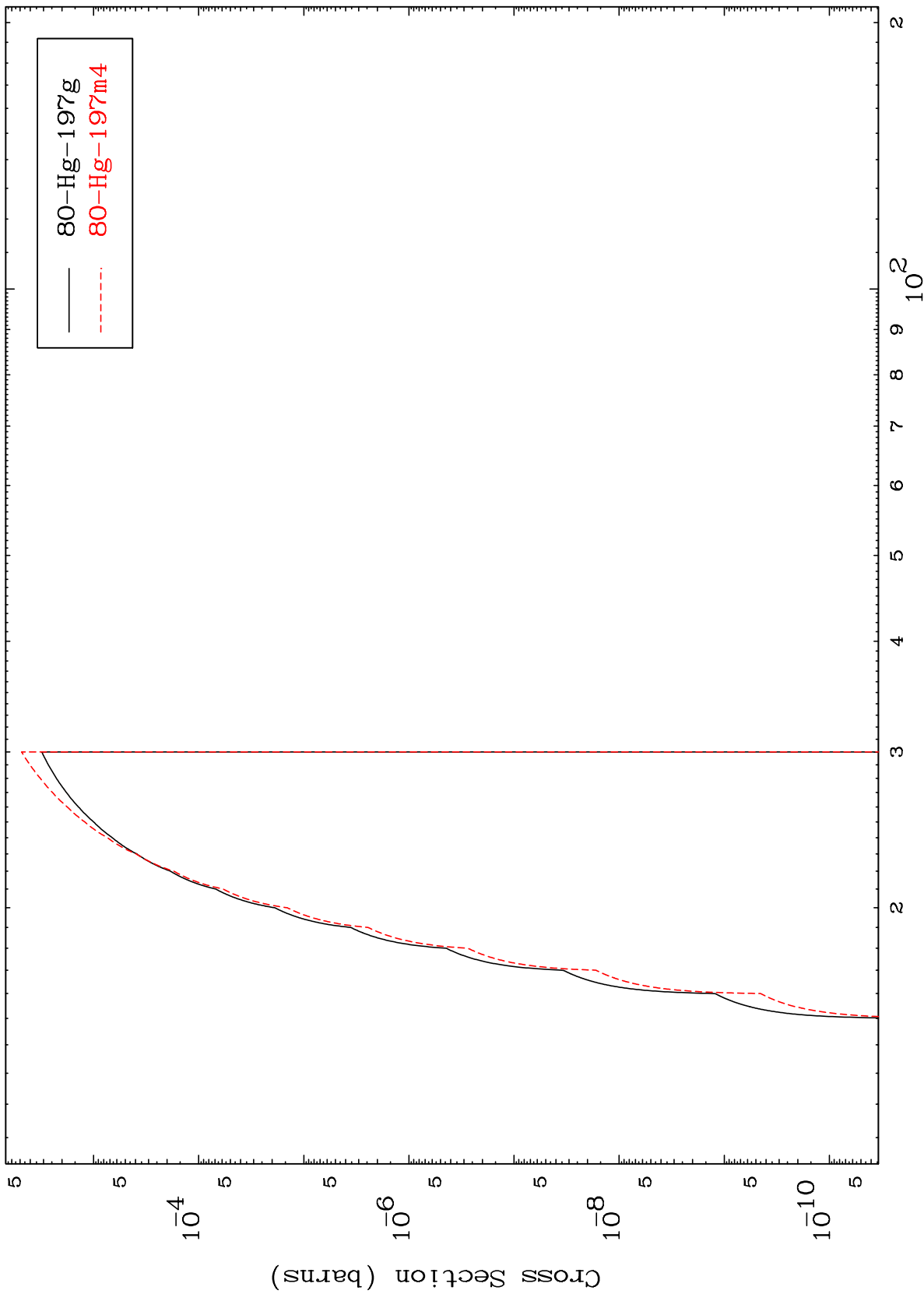
81-Tl-199

MAT 81113

(n,n') d

81-Tl-199

Radionuclide Production Cross Section



140

Incident Energy (MeV)

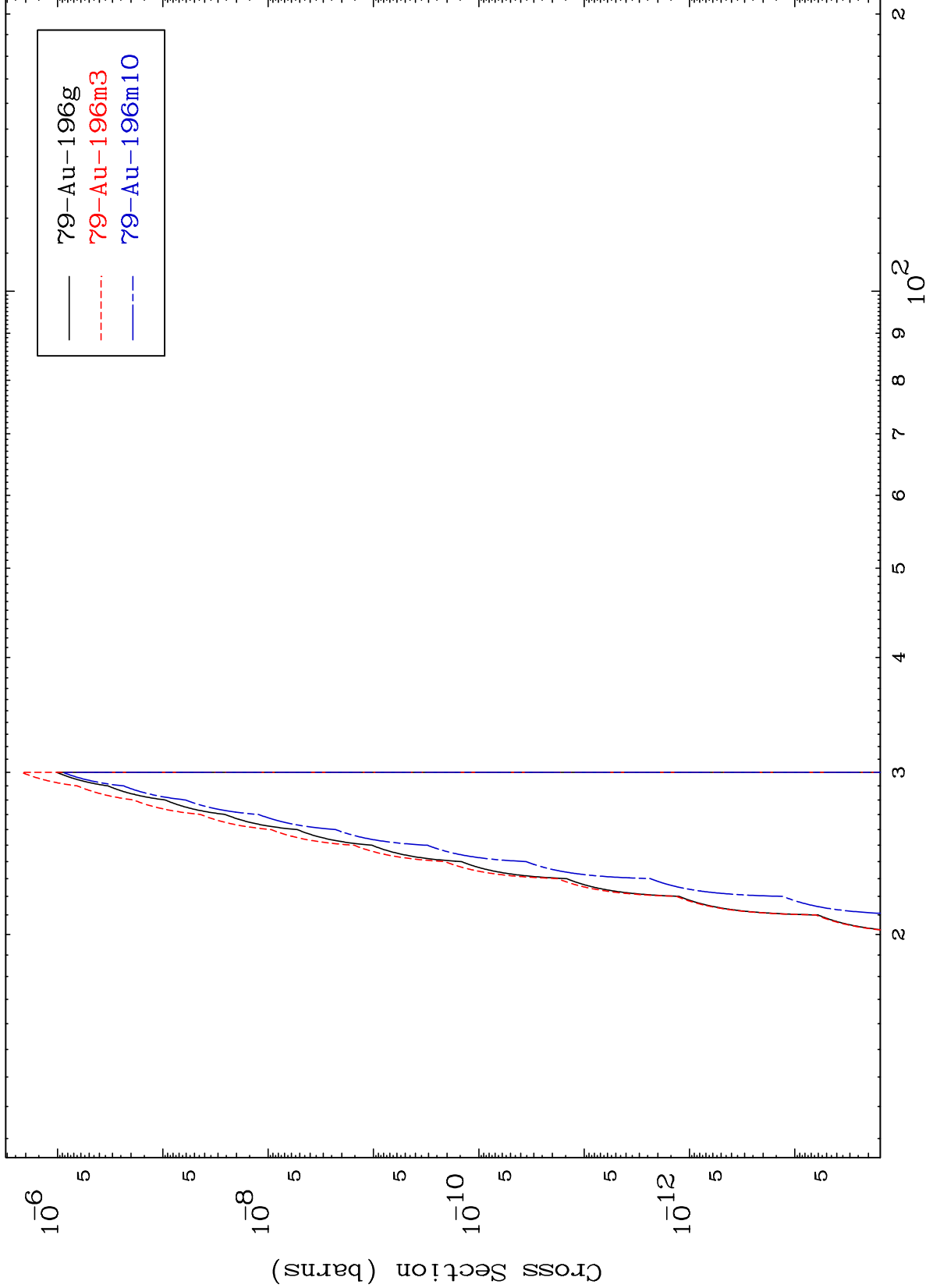
81-Tl-199

MAT 81113

(n,n') He-3

81-T1-199

Radionuclide Production Cross Section



141

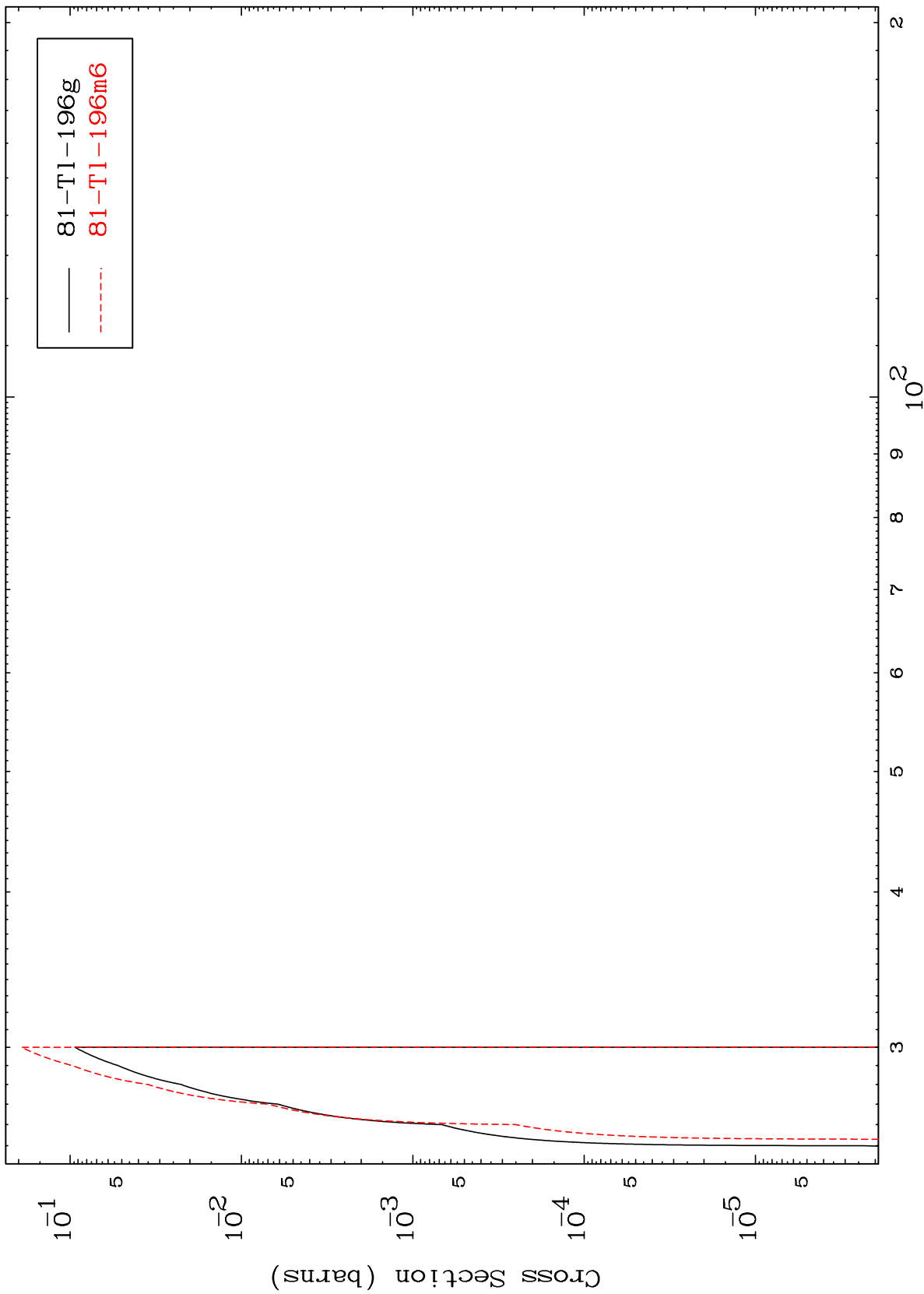
Incident Energy (MeV)

81-T1-199

MAT 8113

81-Tl-199

(n,4n)  
Radionuclide Production Cross Section



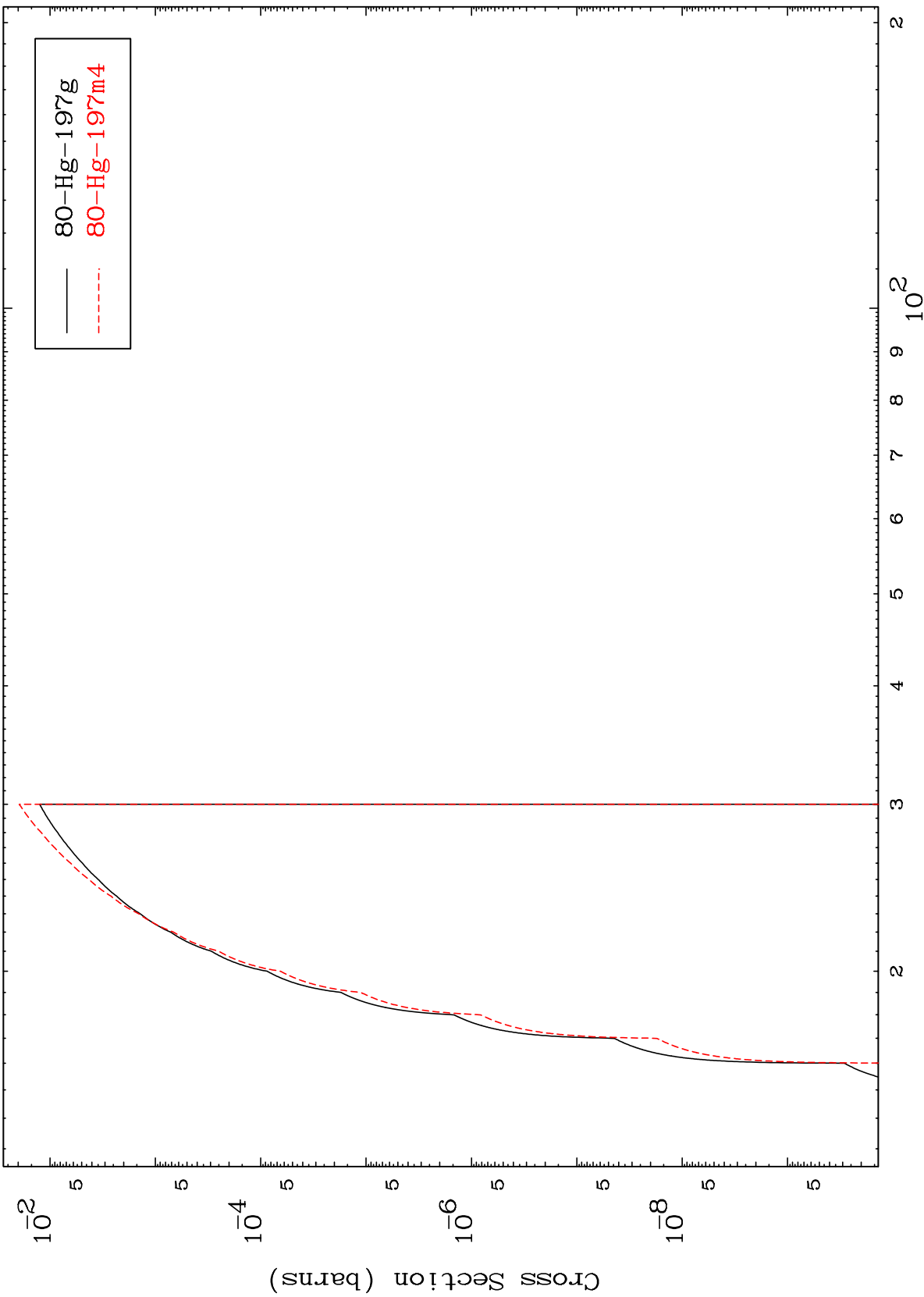
81-Tl-196g  
81-Tl-196m6

142

81-Tl-199

Incident Energy (MeV)

Radionuclide Production Cross Section



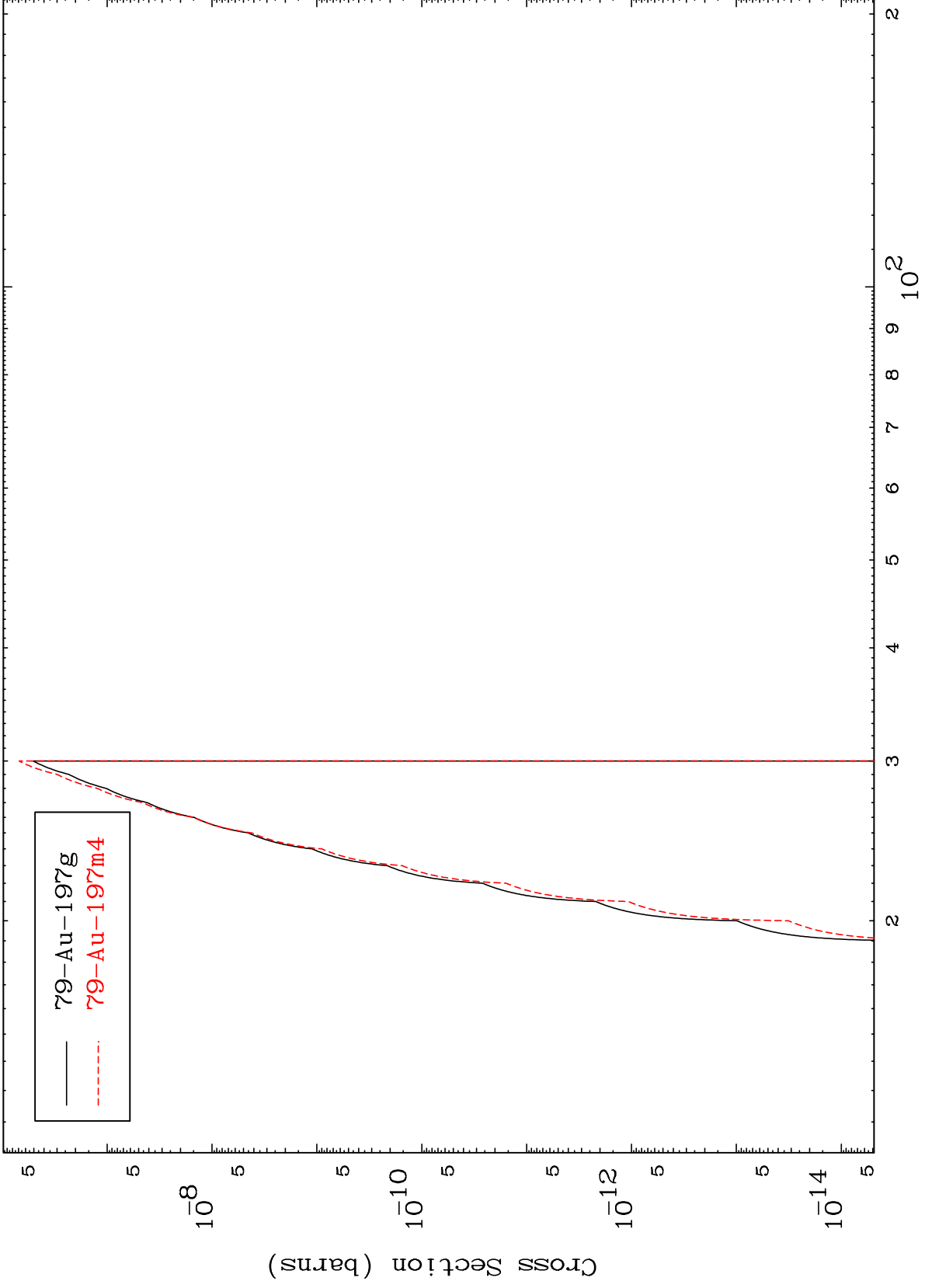


MAT 81113

(n,2n) p

81-Tl-199

Radionuclide Production Cross Section



144

Incident Energy (MeV)

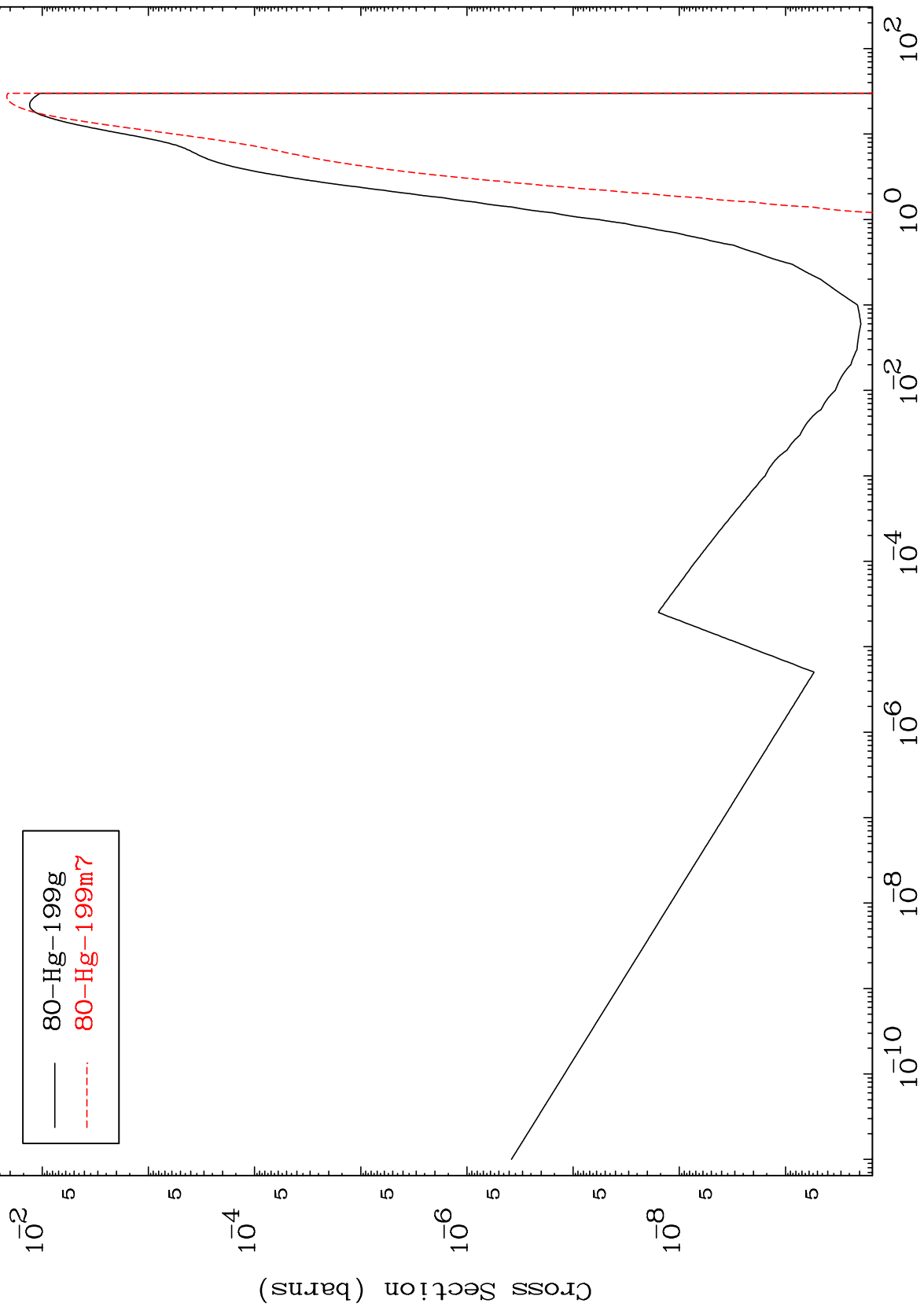
81-Tl-199

MAT 8113

(n,p)

81-Tl-199

Radionuclide Production Cross Section



— 80-Hg-199g  
- - - 80-Hg-199m7

145

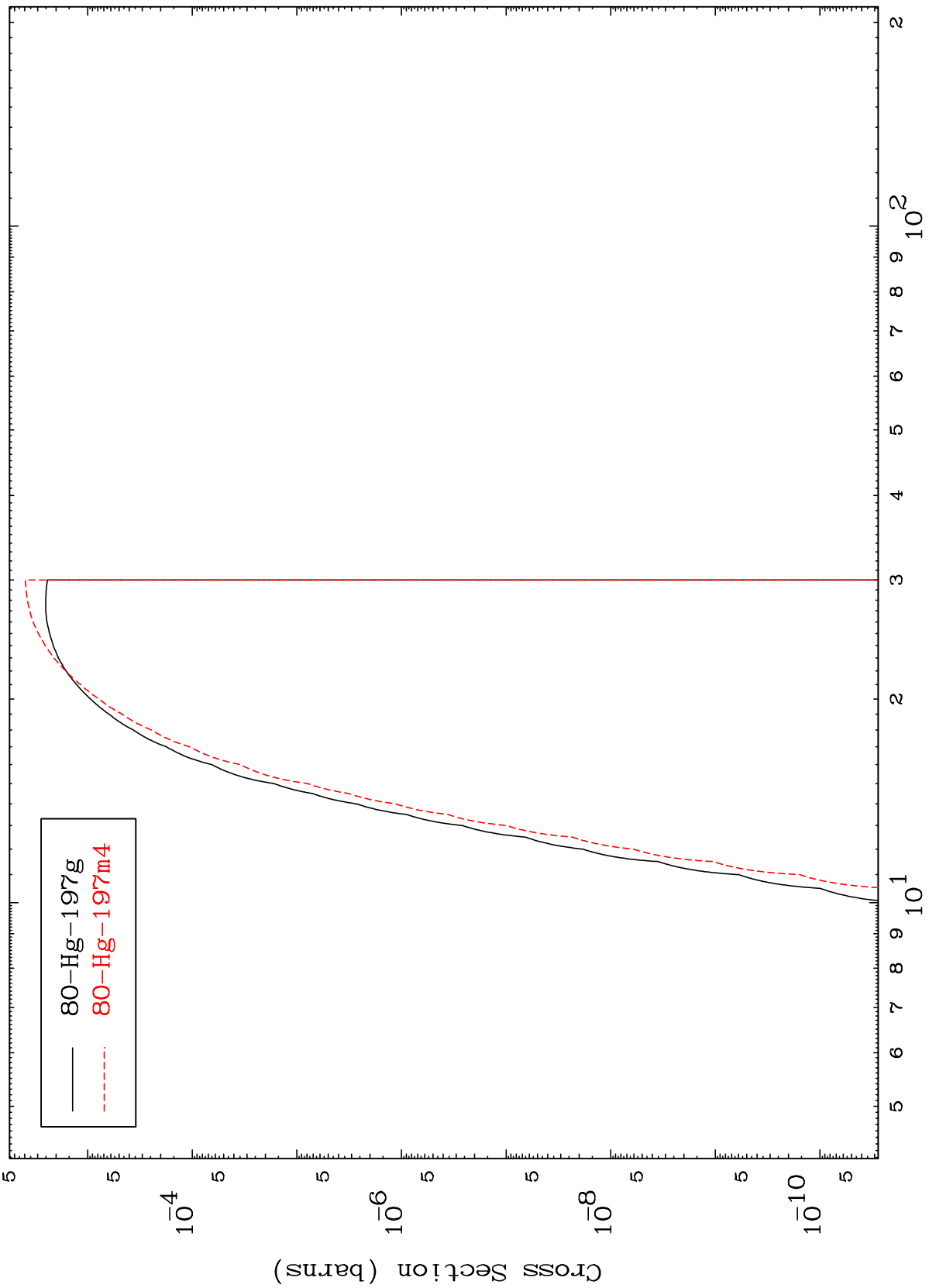
Incident Energy (MeV)

81-Tl-199

MAT 8113

81-T1-199

Radionuclide Production Cross Section  
(n, t)



146

Incident Energy (MeV)

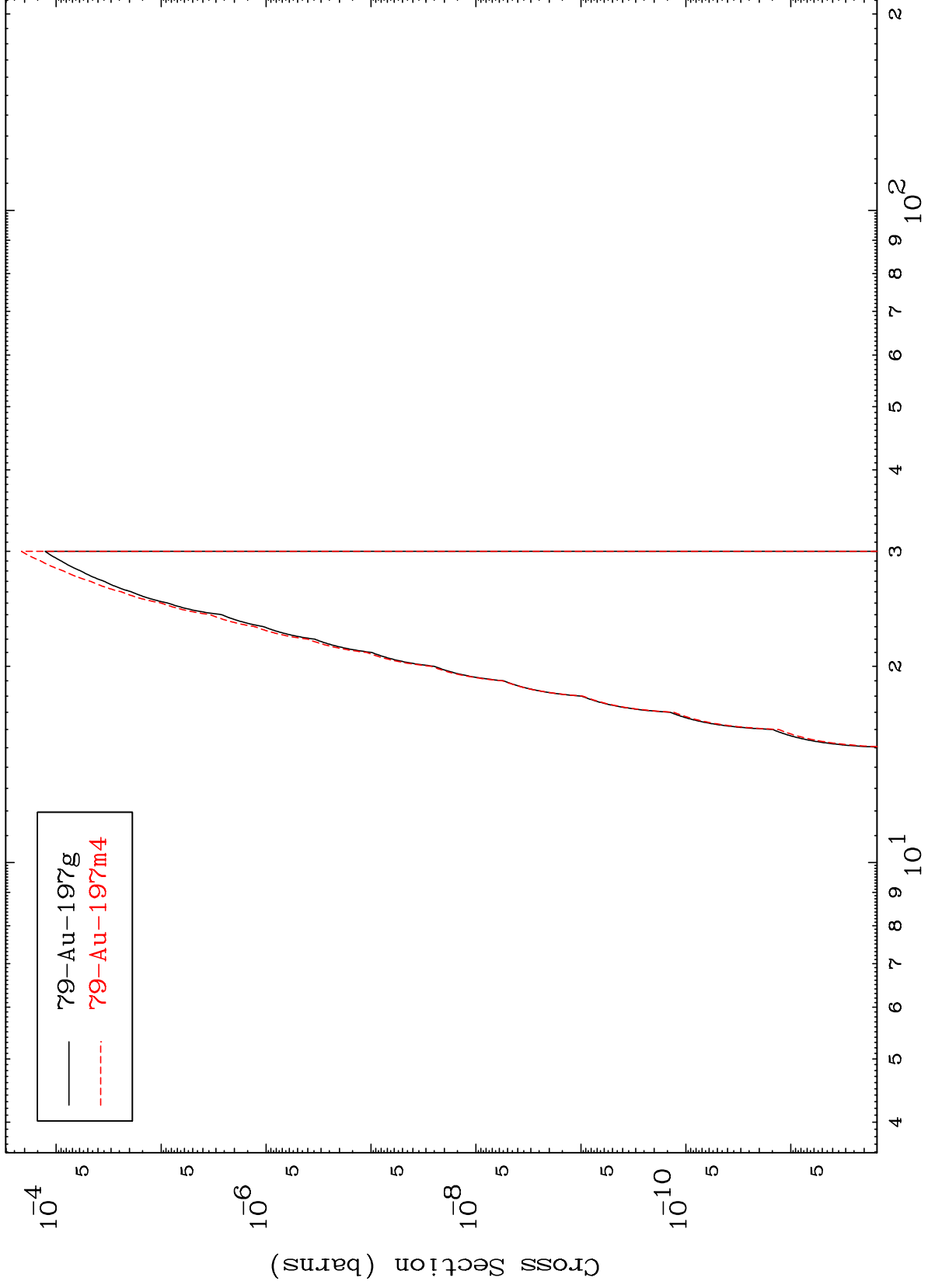
81-T1-199

MAT 81113

(n,He-3)

81-T1-199

Radionuclide Production Cross Section



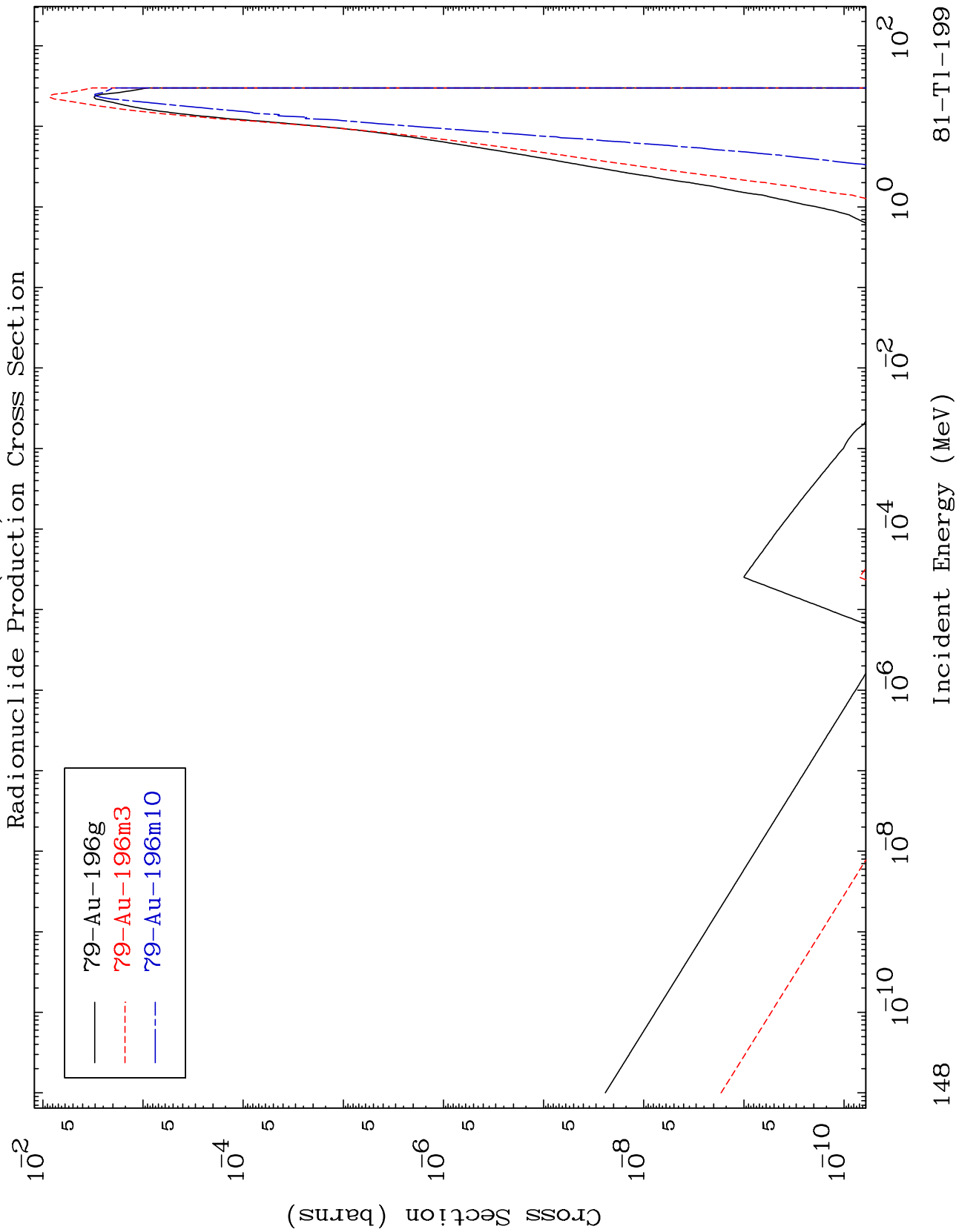
147

Incident Energy (MeV)

81-T1-199

MAT 8113

81-Tl-199

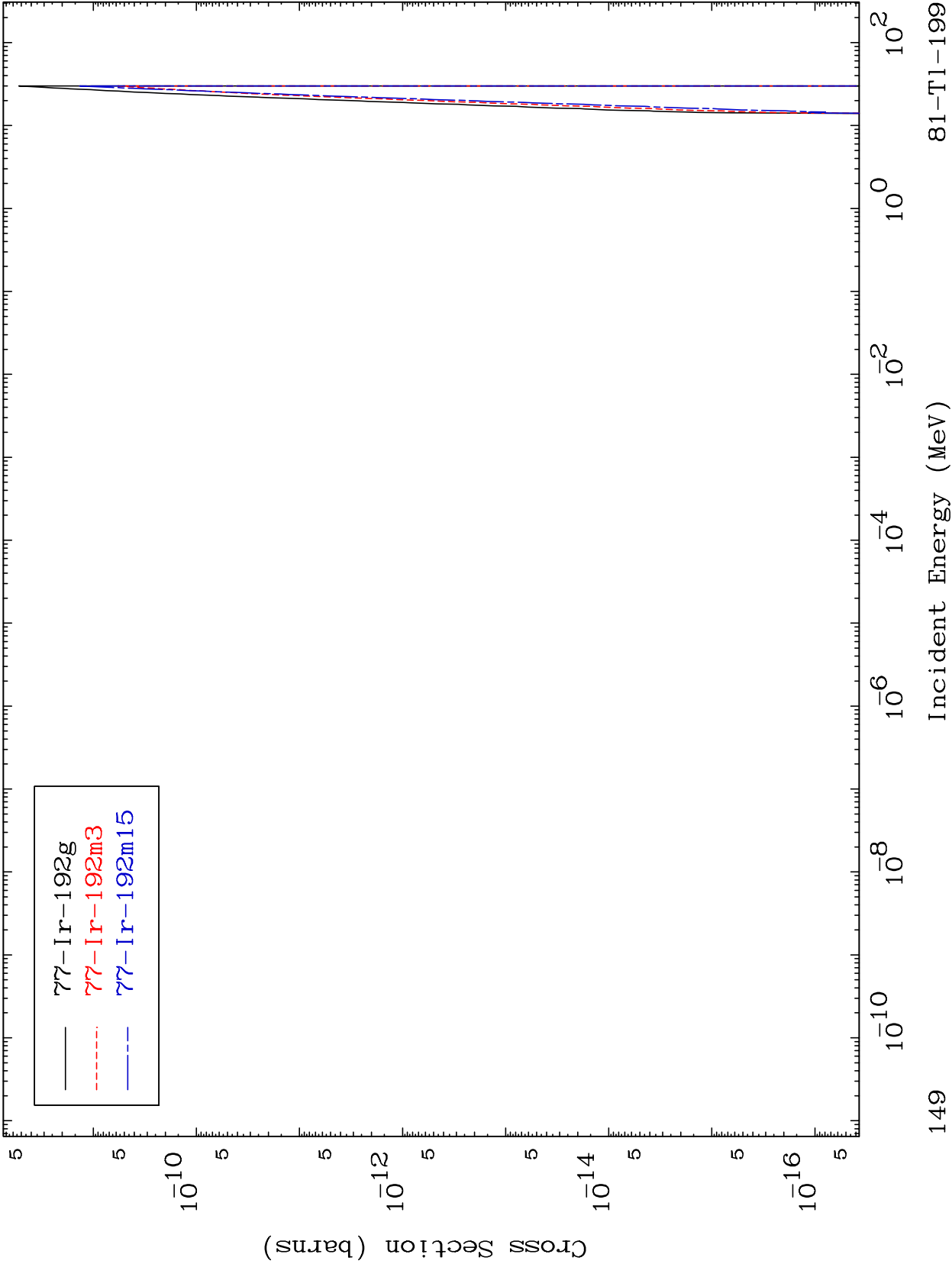


MAT 81113

(n,2α)

81-Tl-199

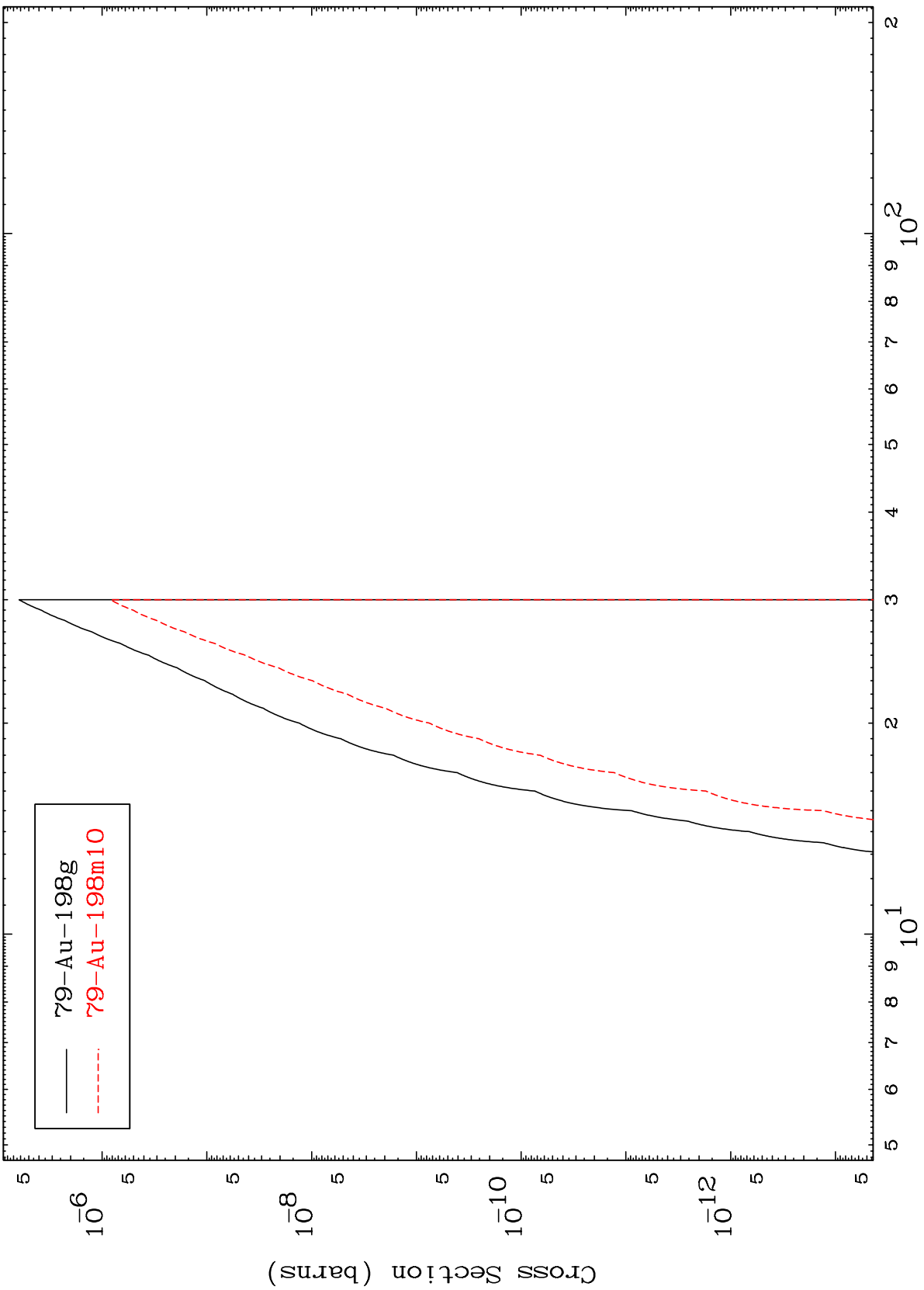
Radionuclide Production Cross Section



MAT 81113

81-Tl-199

Radionuclide Production Cross Section (n,2p)



150

Incident Energy (MeV)

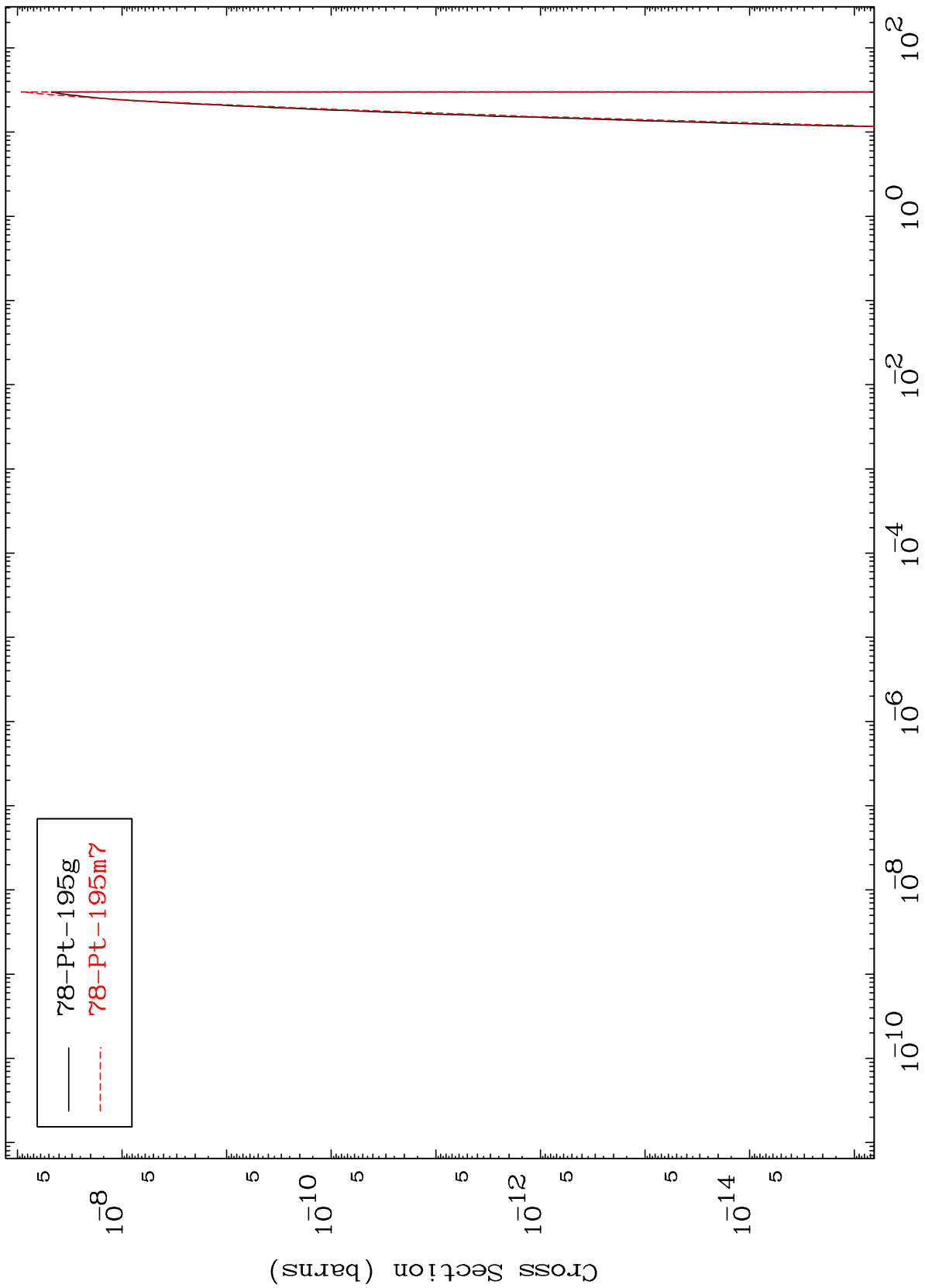
81-Tl-199

MAT 8113

(n,p)  $\alpha$

81-Tl-199

Radionuclide Production Cross Section





MAT 8113

(n,p) d

81-Tl-199

