

Program EVALPLOT  
(Version 2018-1)

by

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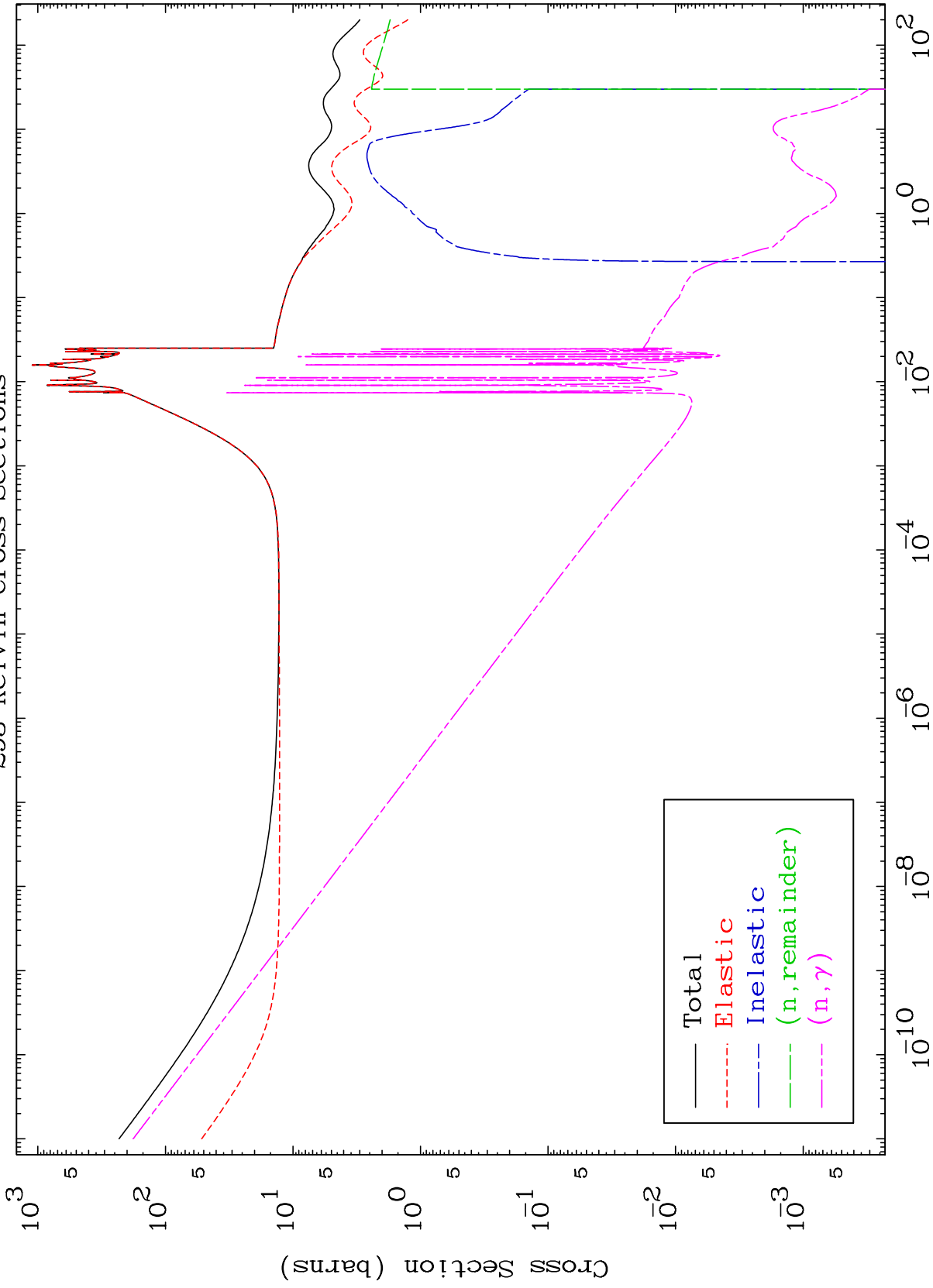
Press Mouse Button to Start

MAT 8134

Major

293 Kelvin Cross Sections

81-Tl-206

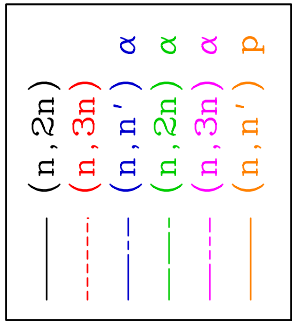
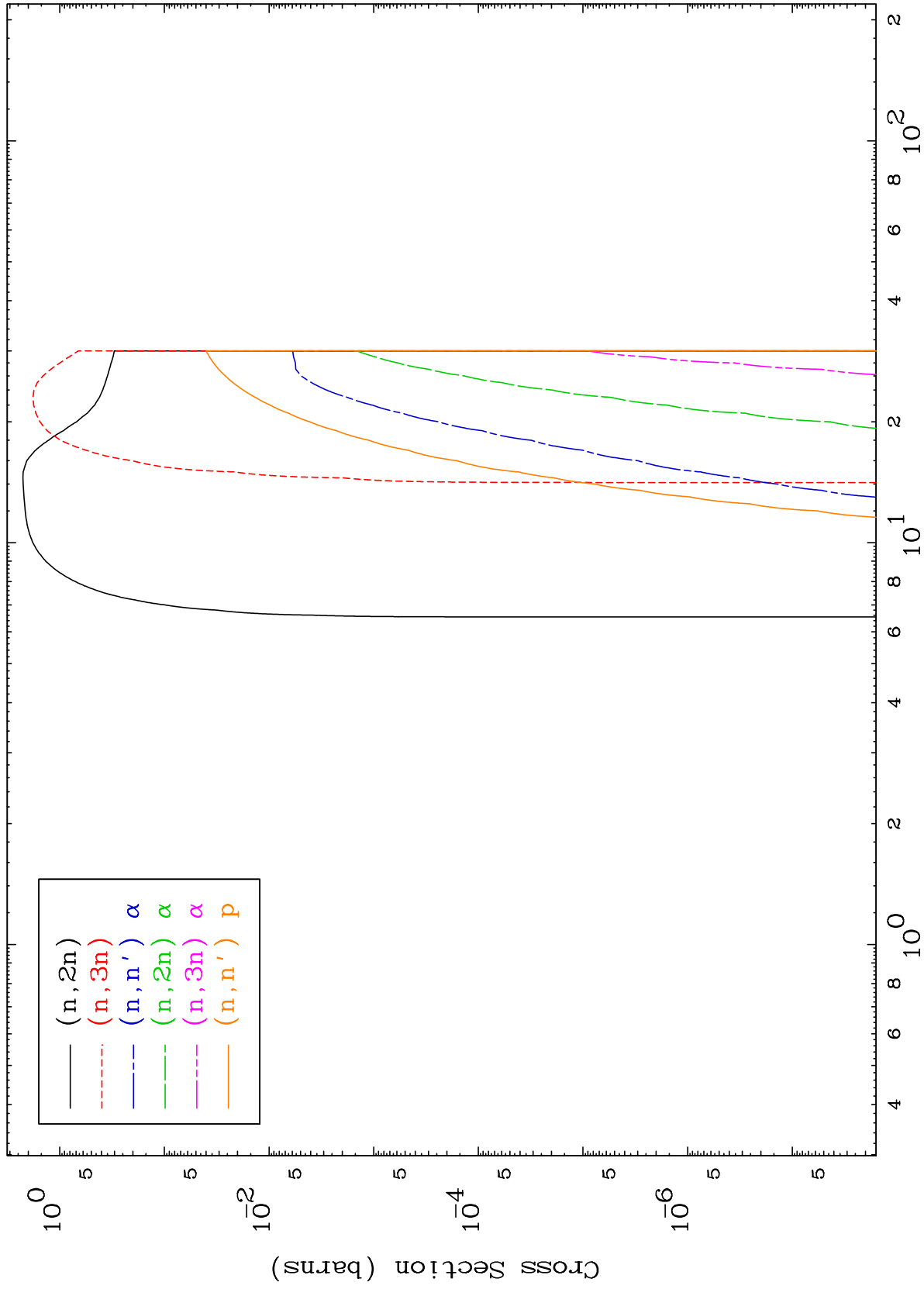


MAT 8134

Neutron Production

81-Tl-206

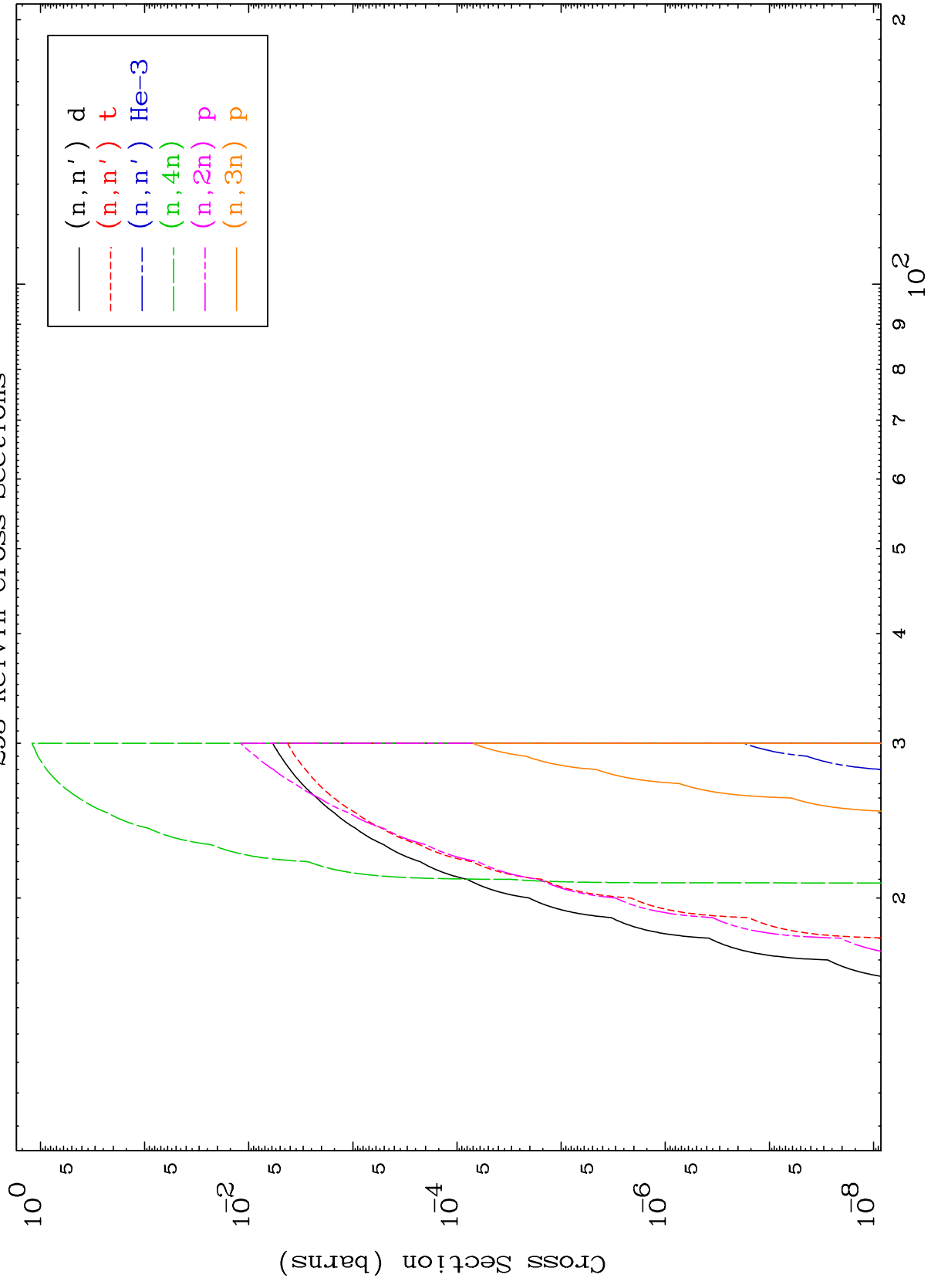
293 Kelvin Cross Sections

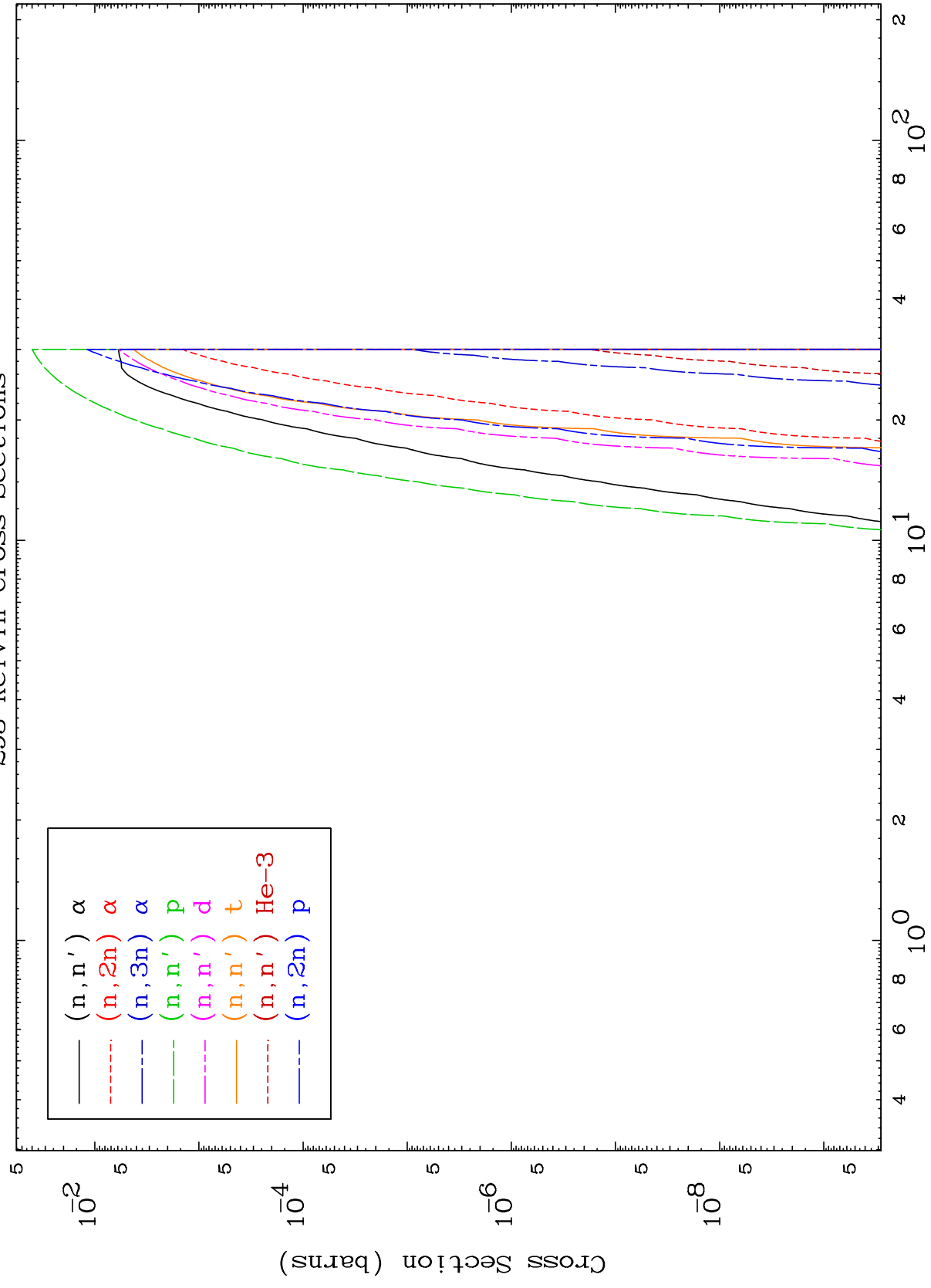


2

Incident Energy (MeV)

81-Tl-206

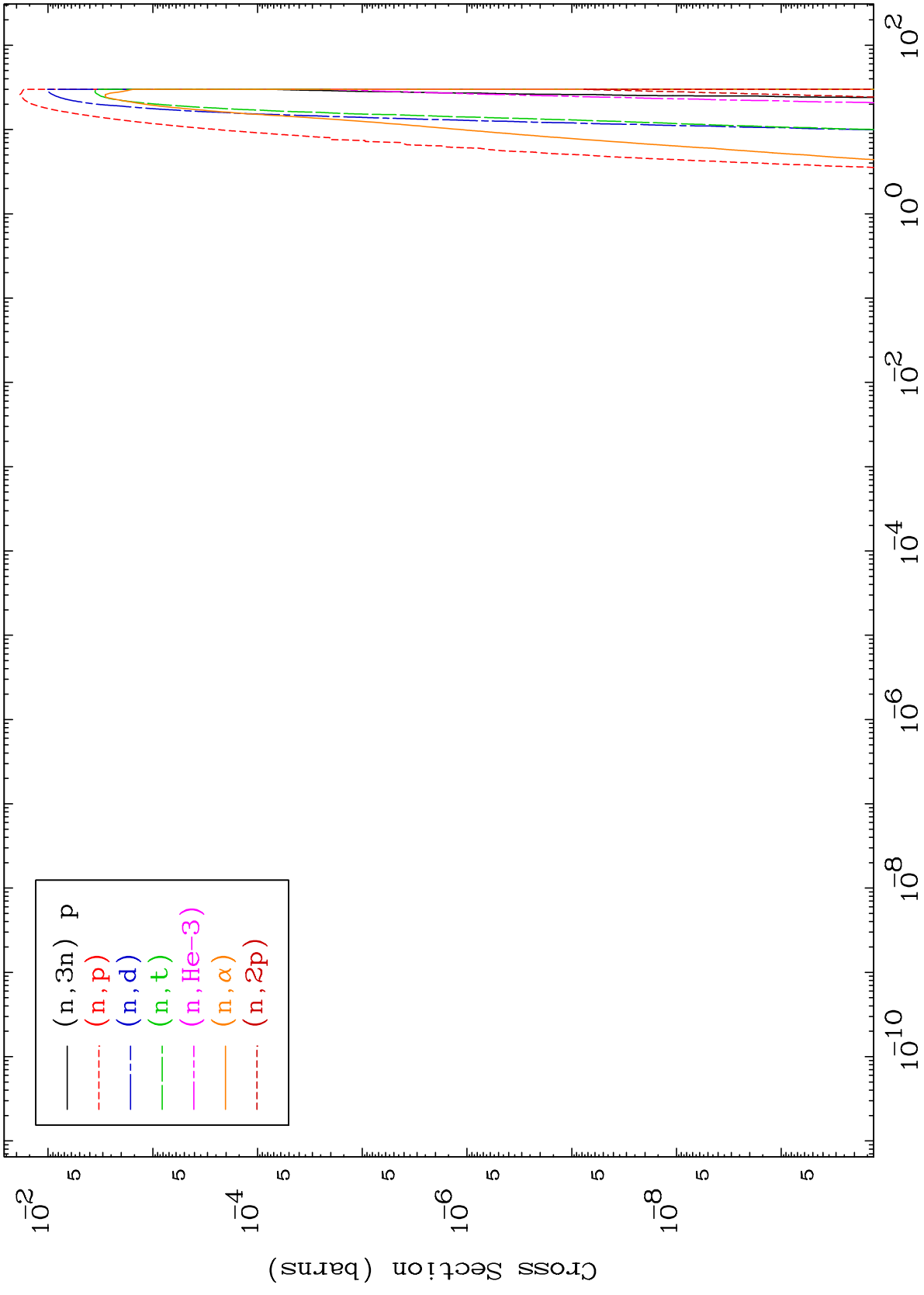




MAT 8134

293 Kelvin Cross Sections

81-Tl-206



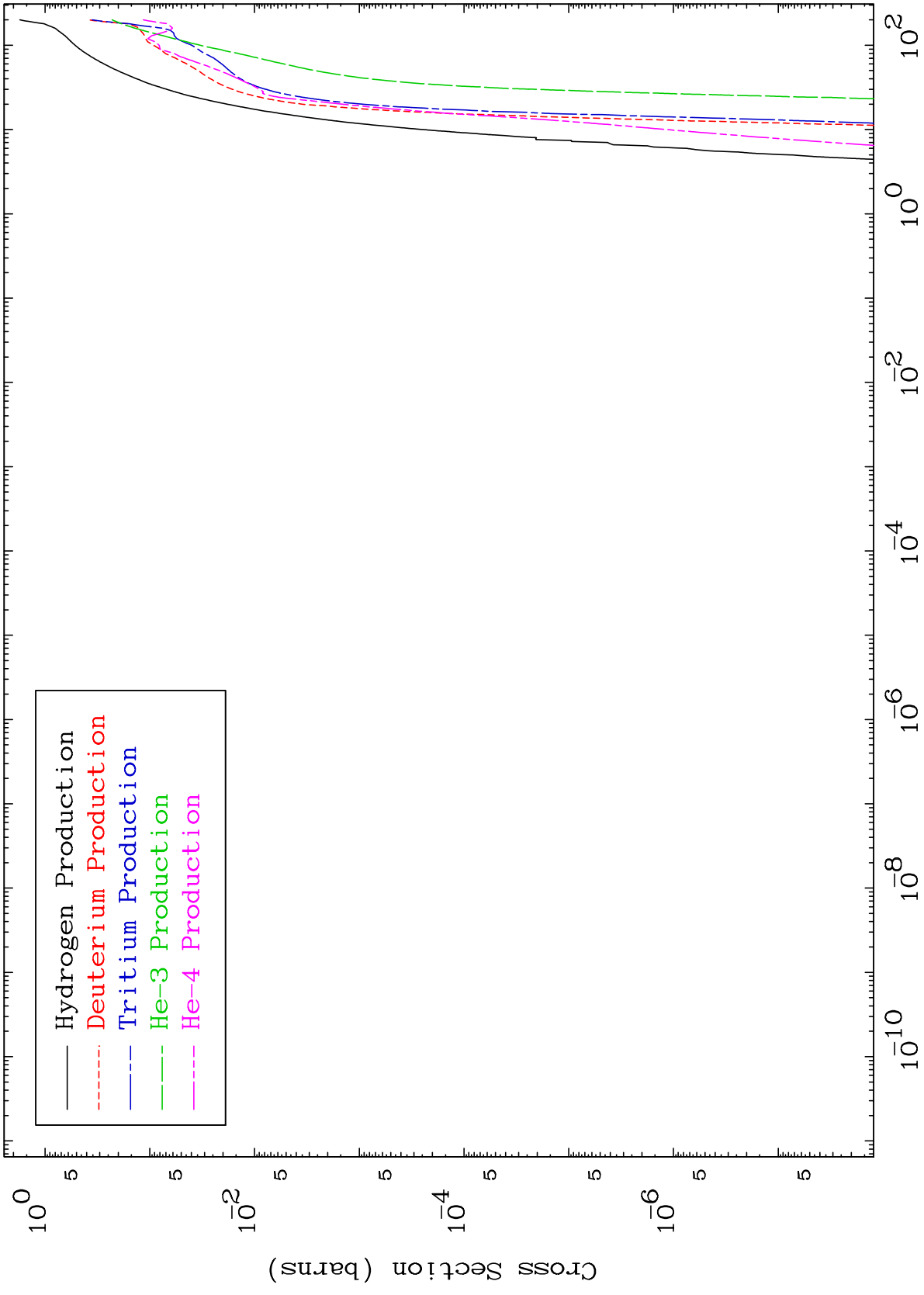
5

81-Tl-206

MAT 8134

Particle Production  
293 Kelvin Cross Sections

81-T1-206



6

Incident Energy (MeV)

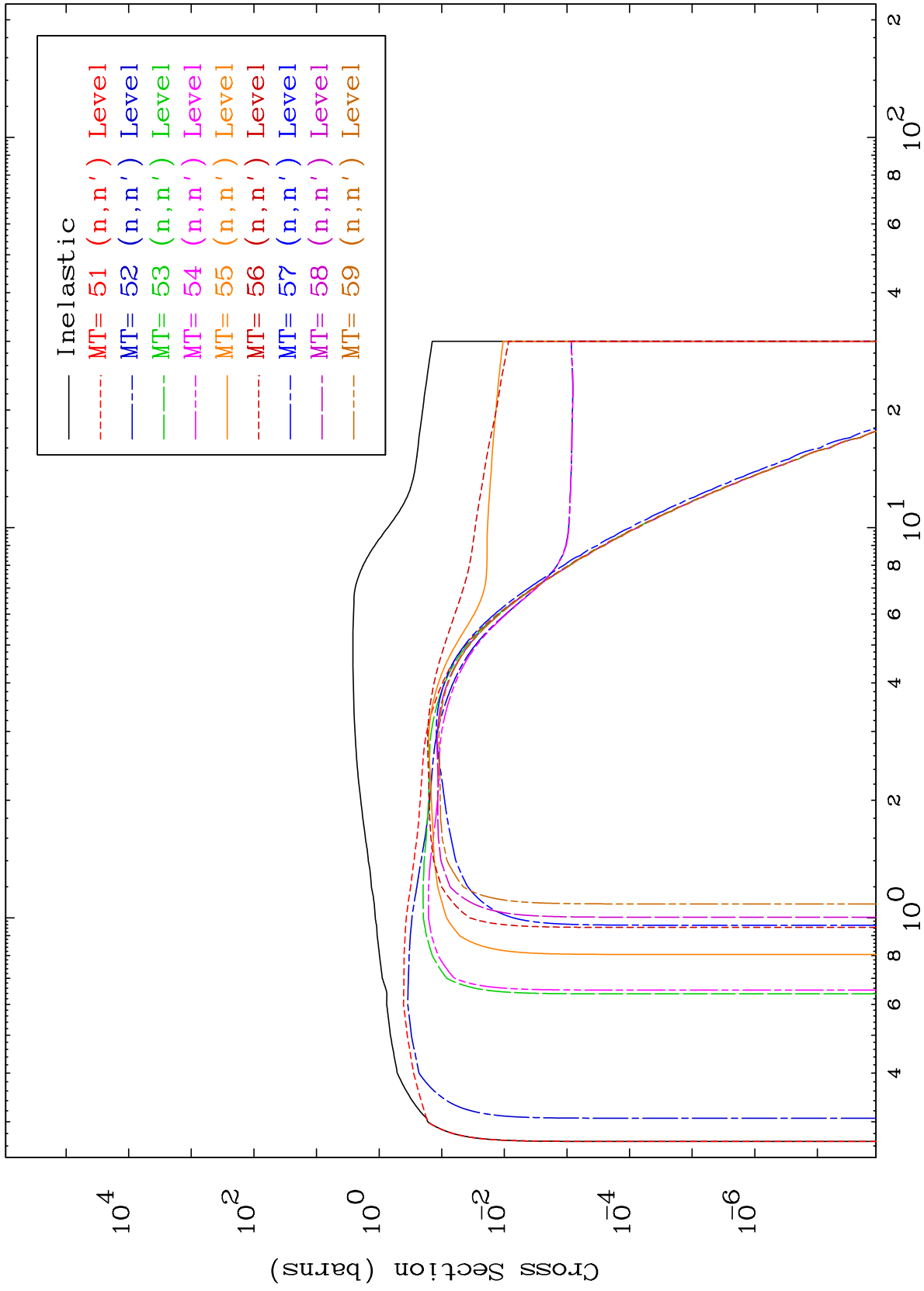
81-T1-206

MAT 8134

(n,n') Level

81-T1-206

293 Kelvin Cross Sections



7

Incident Energy (MeV)

81-T1-206

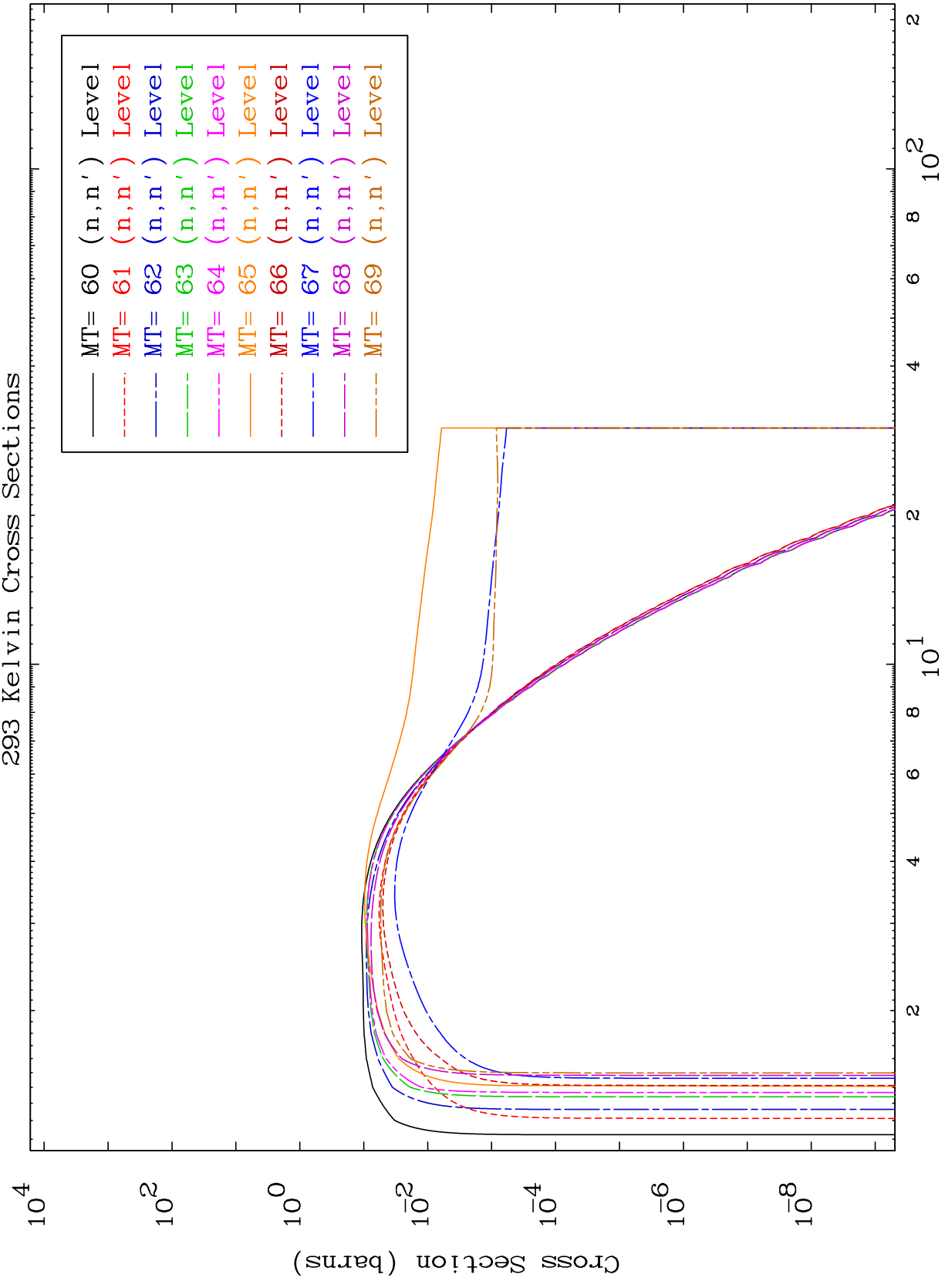


MAT 8134

(n,n') Level

81-T1-206

293 Kelvin Cross Sections



8

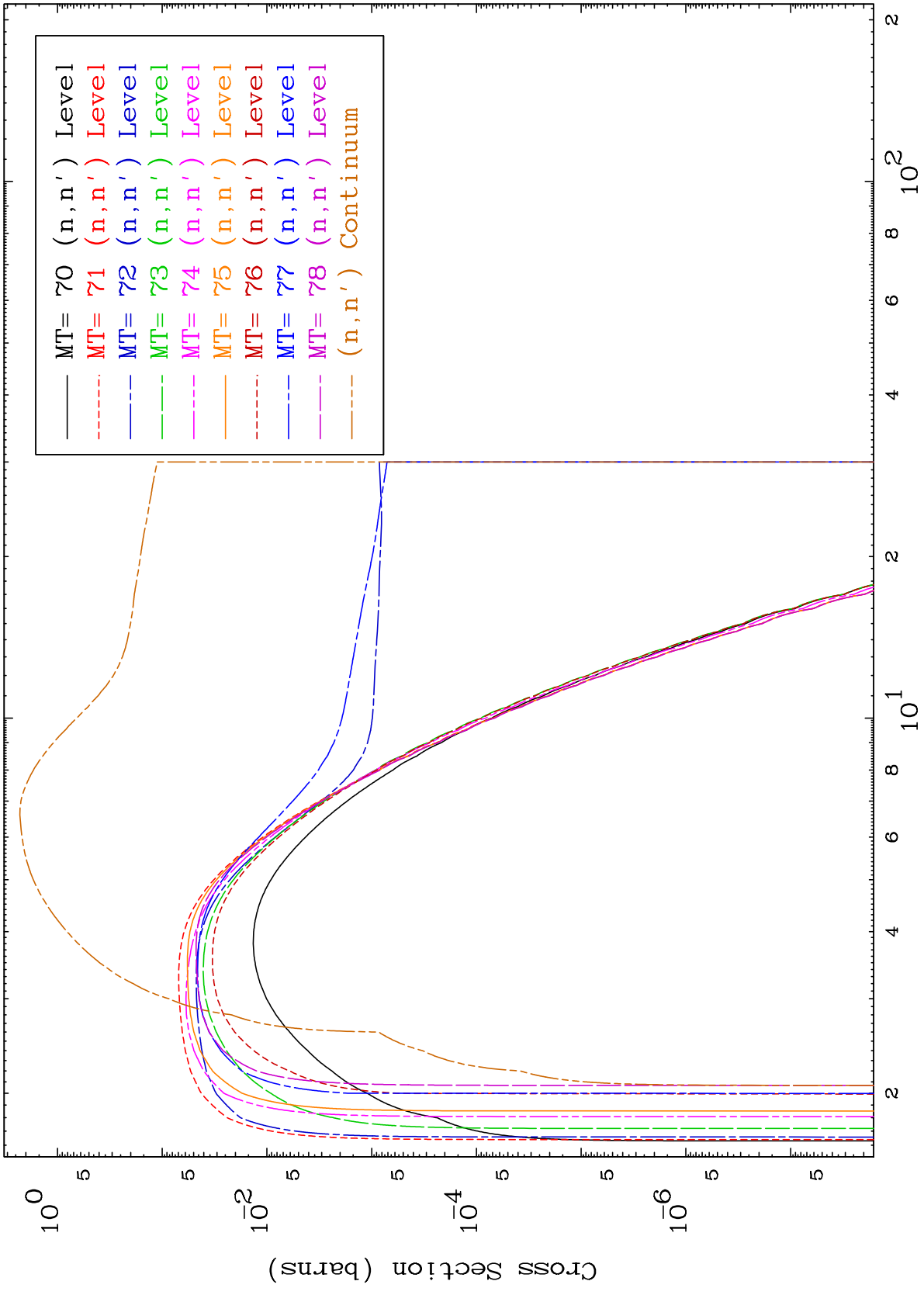
Incident Energy (MeV)

81-T1-206

MAT 8134

(n,n') Level  
293 Kelvin Cross Sections

81-T1-206



9

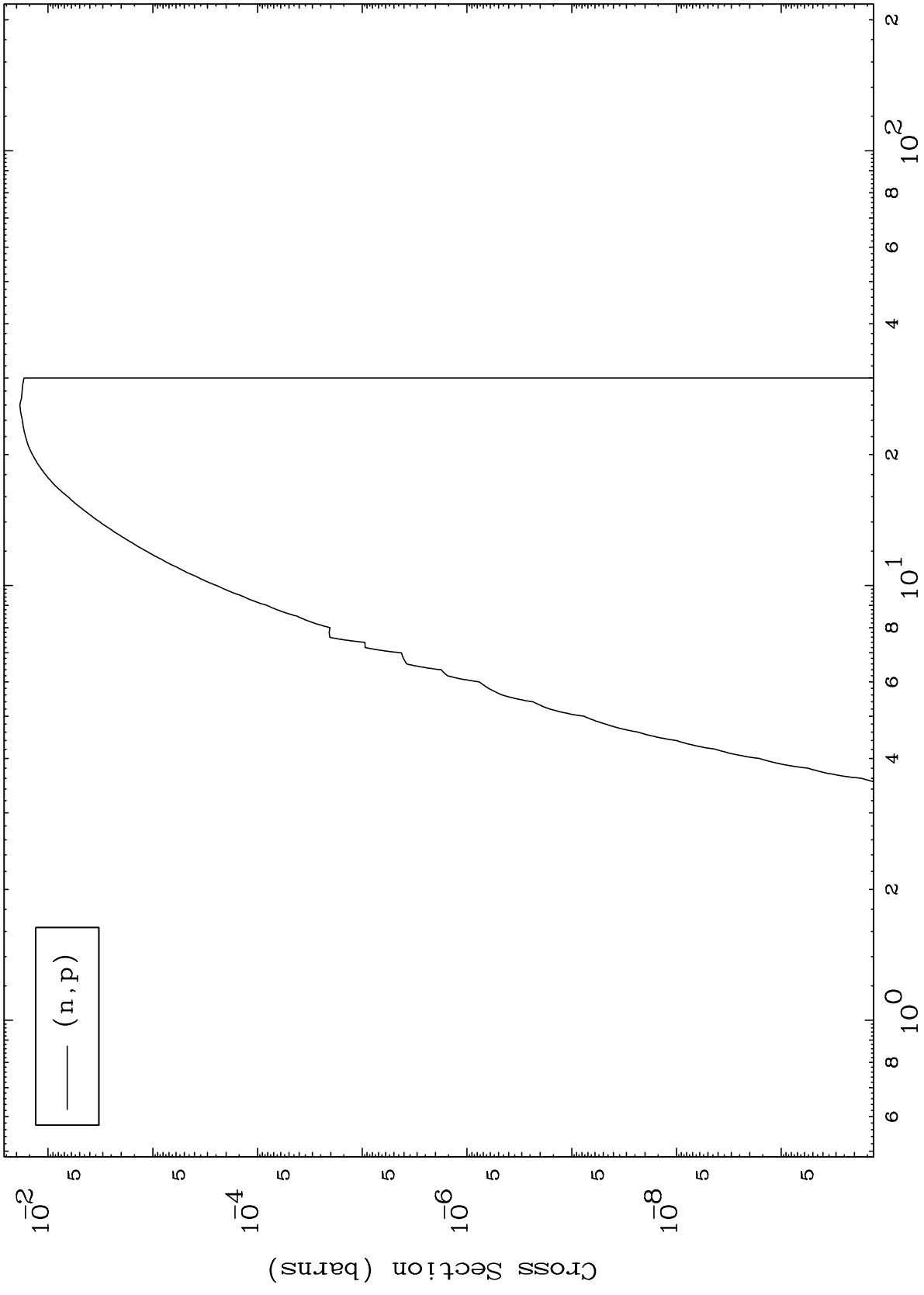
Incident Energy (MeV)

81-T1-206

MAT 8134

(n,p) Levels  
293 Kelvin Cross Sections

81-T1-206



10

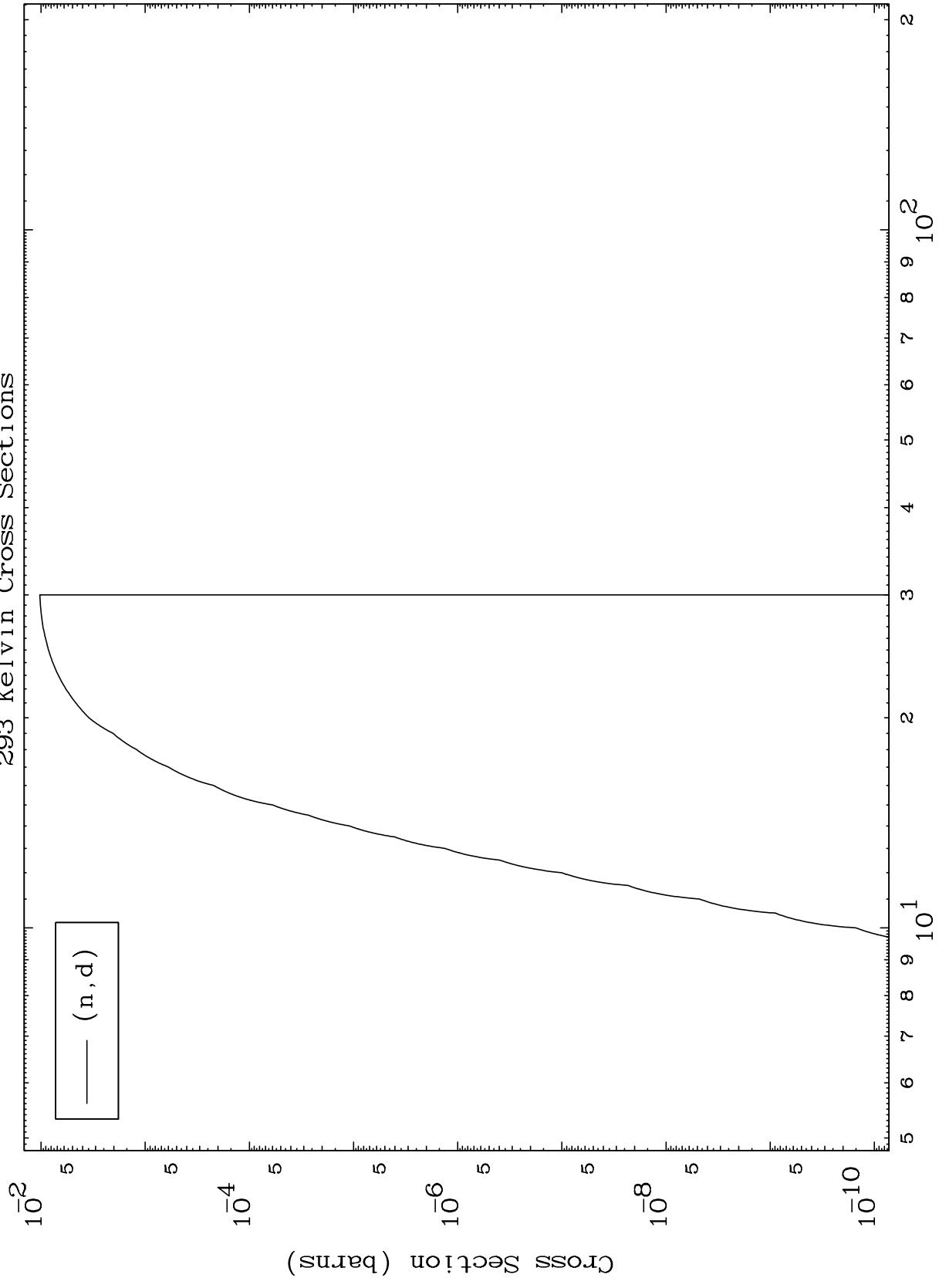
Incident Energy (MeV)

81-T1-206

MAT 8134

(n,d) Levels  
293 Kelvin Cross Sections

81-T1-206



11

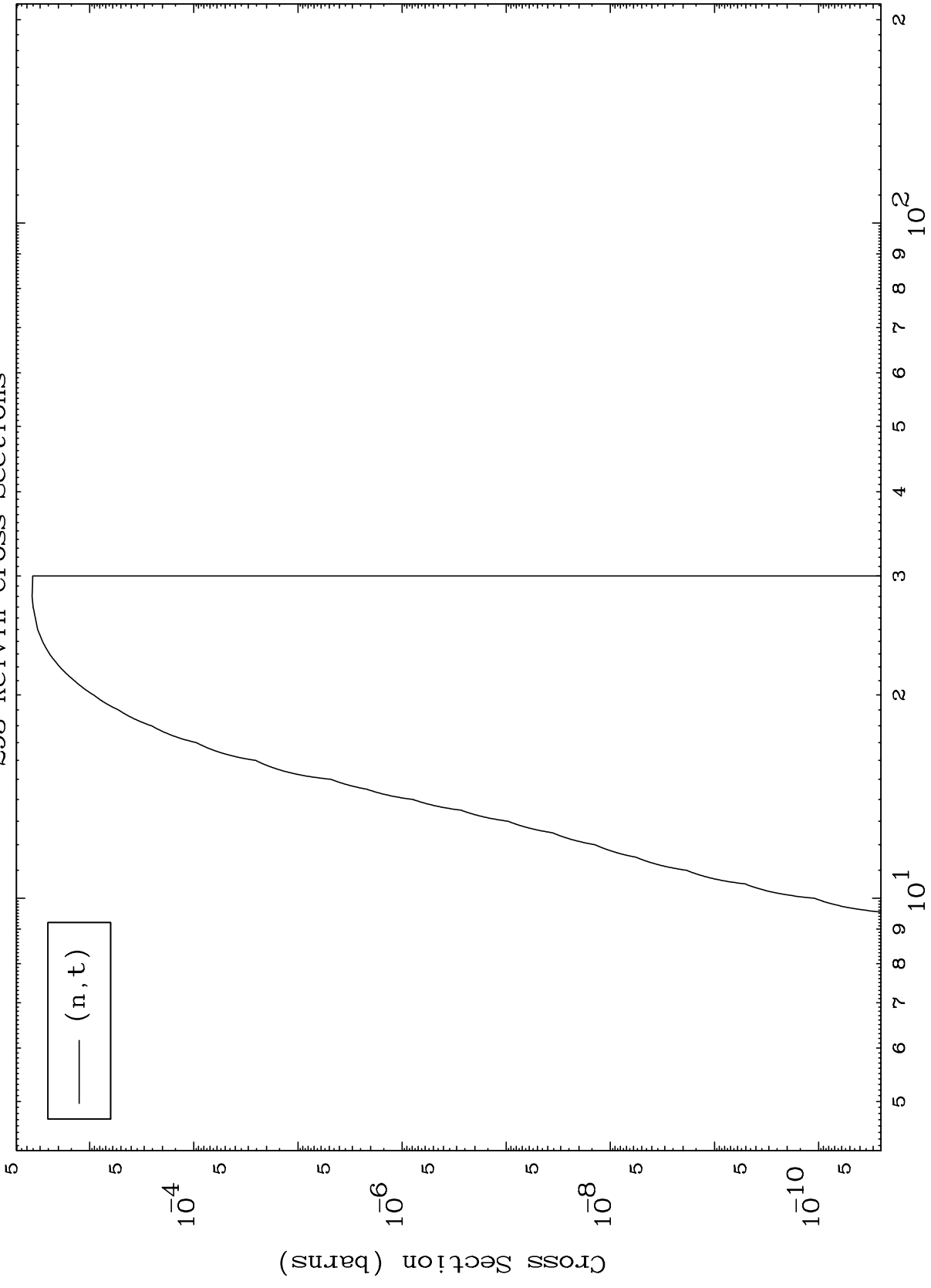
Incident Energy (MeV)

81-T1-206

MAT 8134

81-T1-206

(n,t) Levels  
293 Kelvin Cross Sections



12

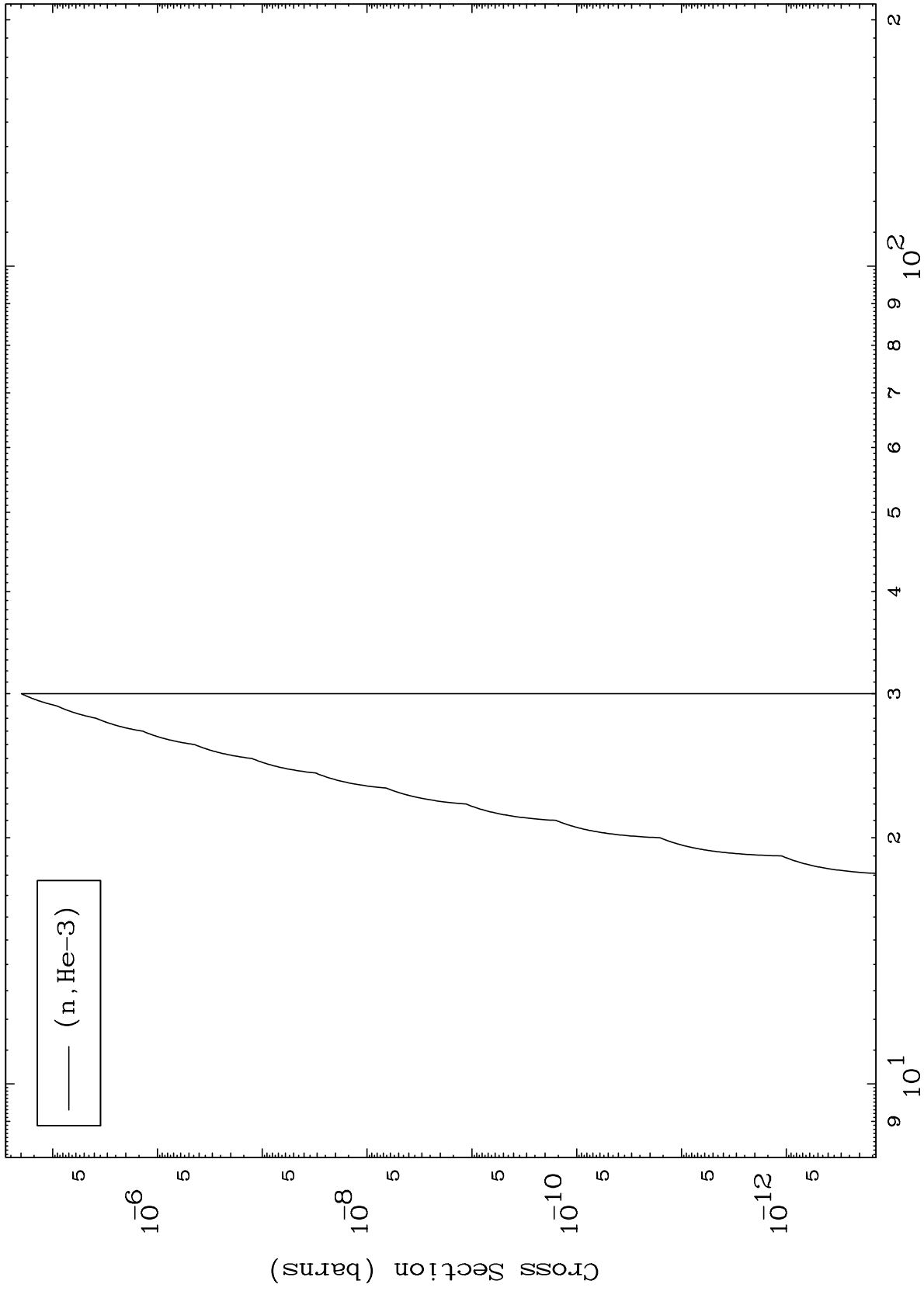
Incident Energy (MeV)

81-T1-206

MAT 8134

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-206



13

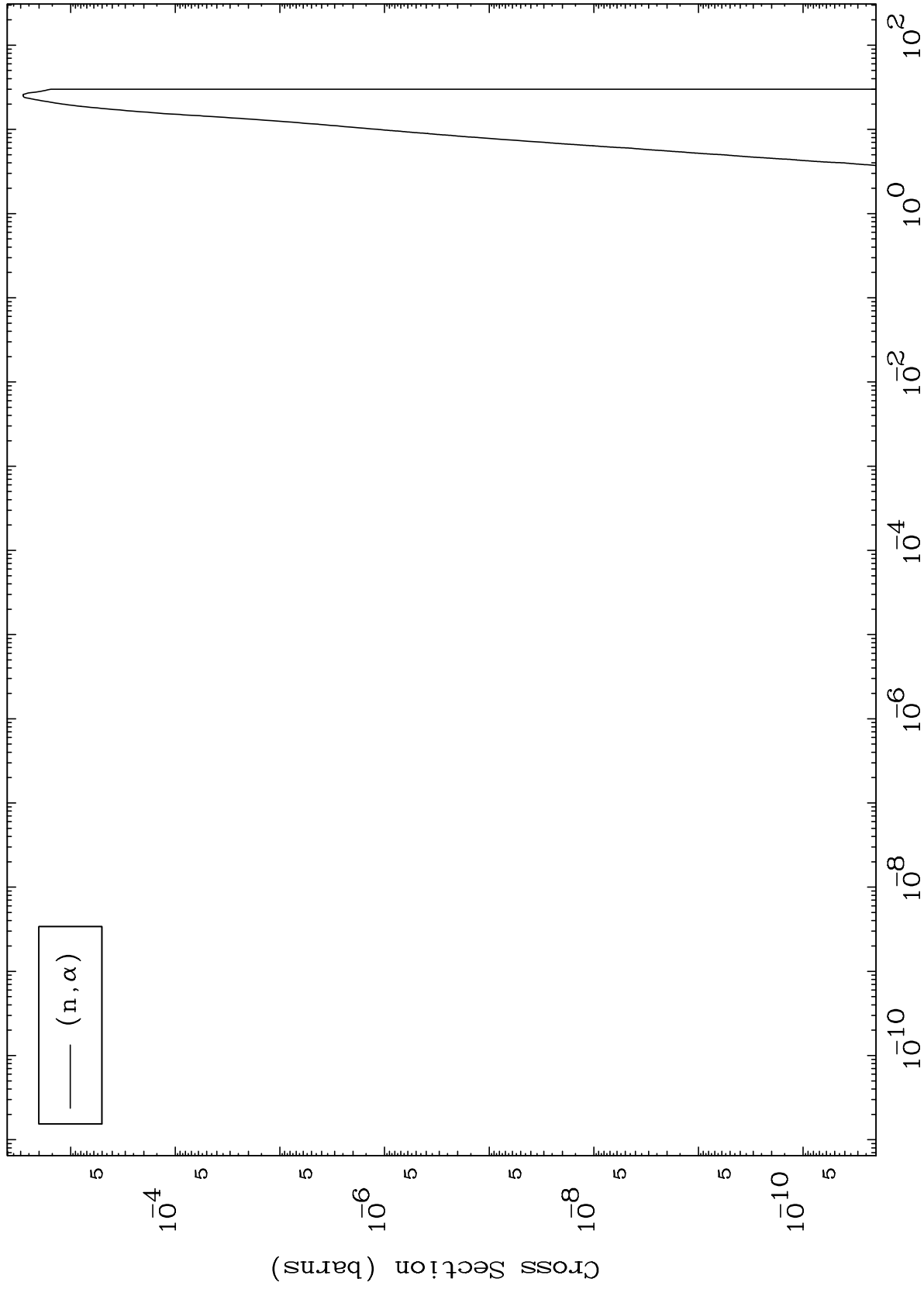
Incident Energy (MeV)

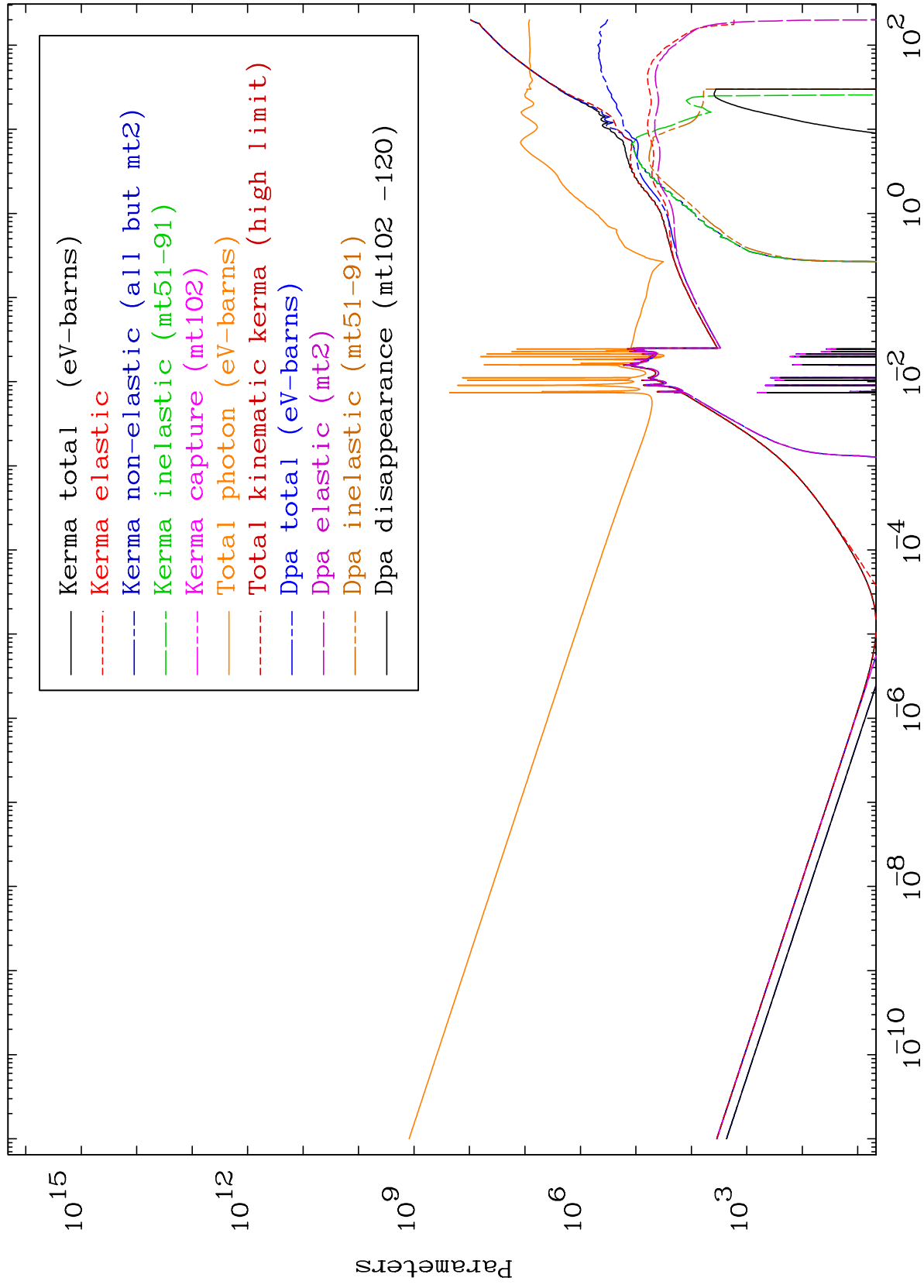
81-T1-206

MAT 8134

(n,α) Levels  
293 Kelvin Cross Sections

81-Tl-206



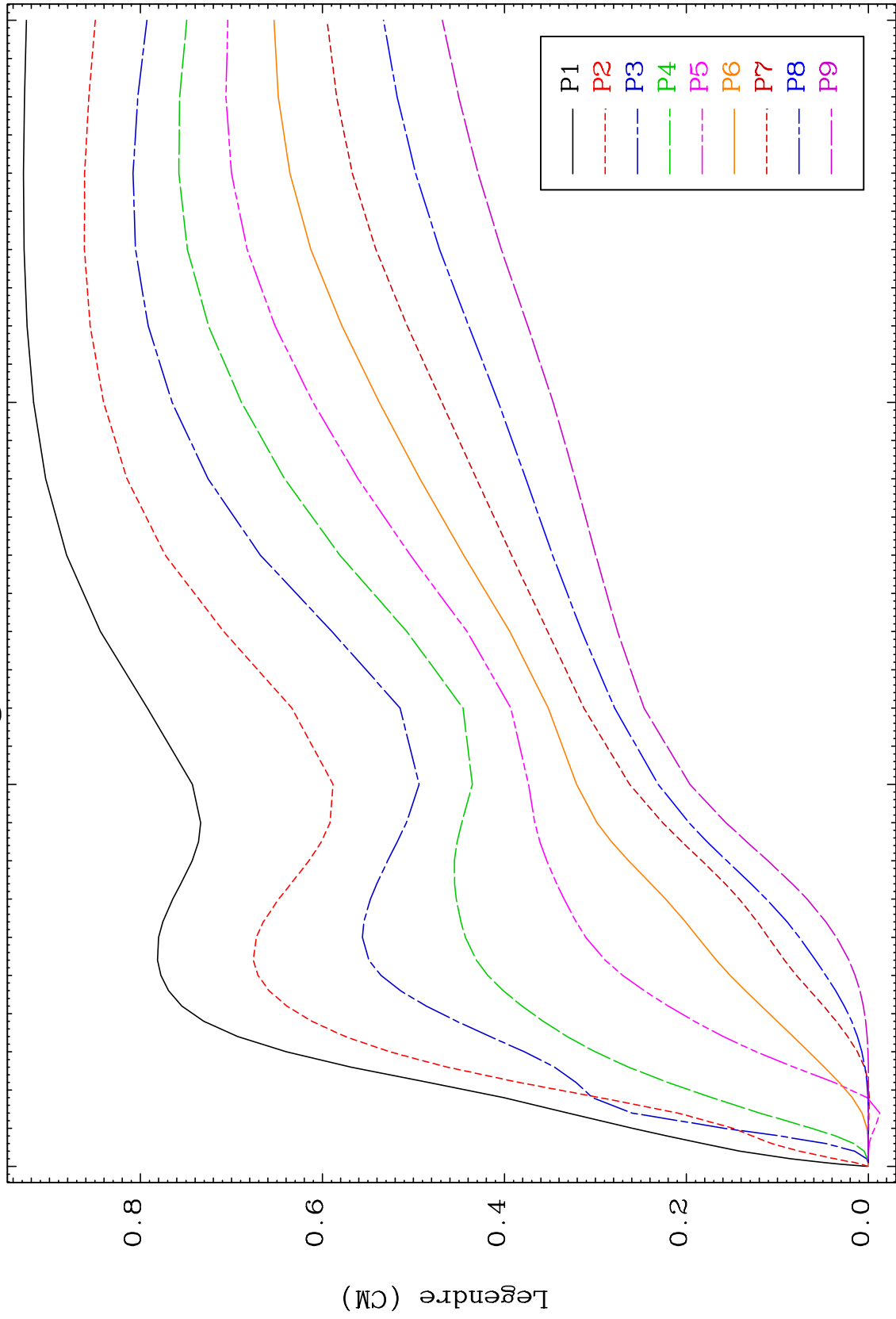




MAT 8134

Elastic Legendre Coefficients

81-T1-206



16

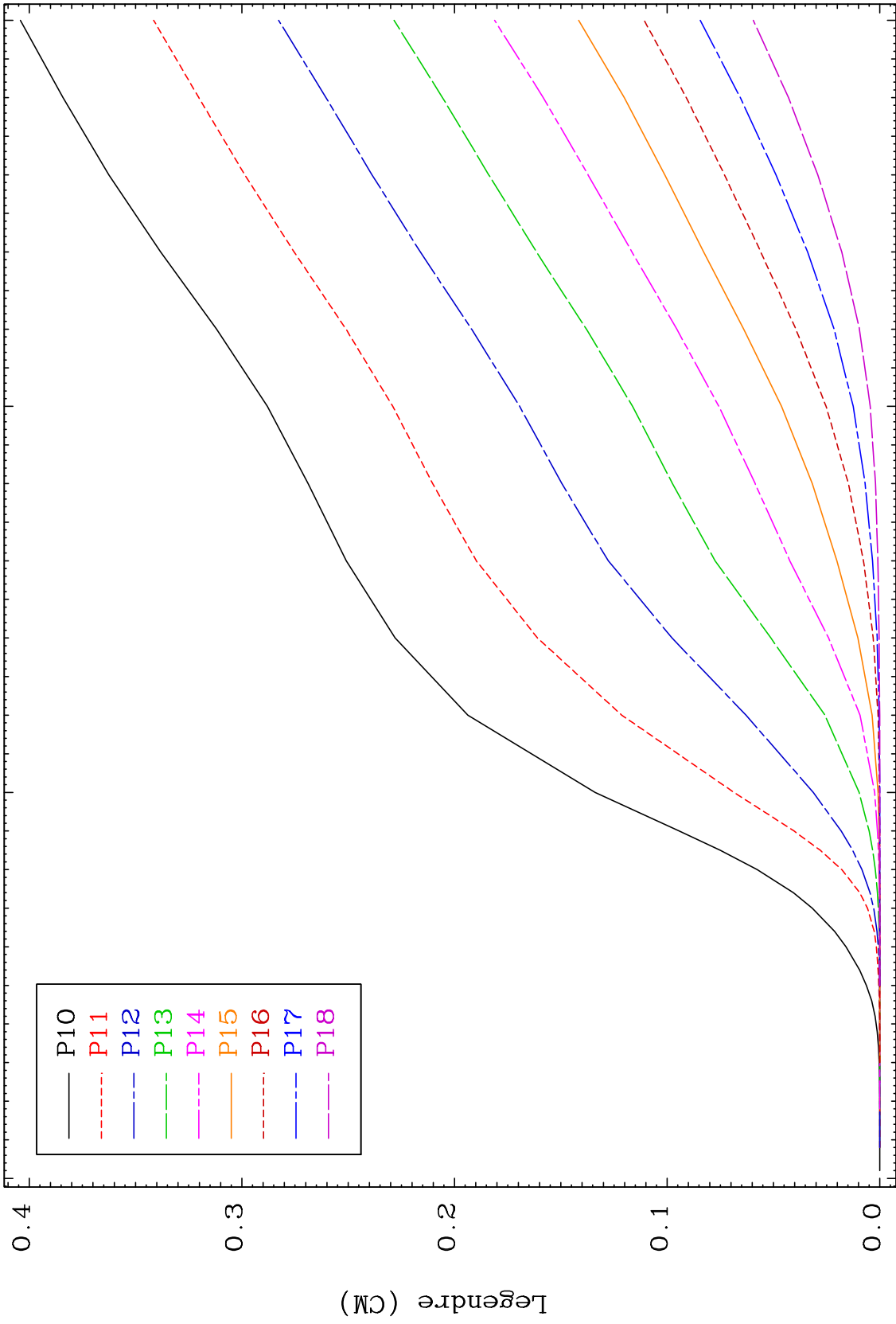
Incident Energy (MeV)

81-T1-206

MAT 8134

Elastic Legendre Coefficients

81-T1-206



17

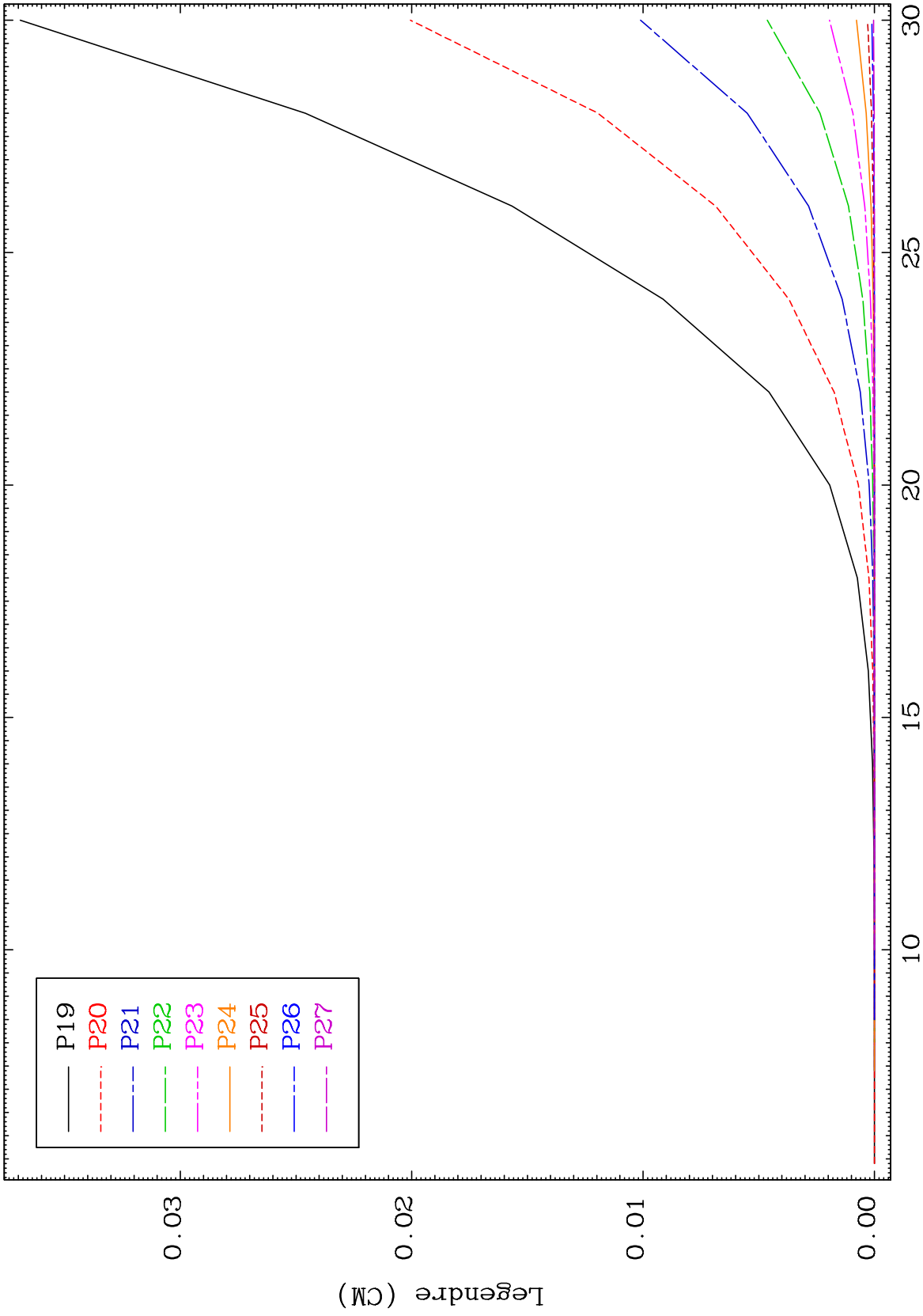
Incident Energy (MeV)

81-T1-206

MAT 8134

### Elastic Legendre Coefficients

81-T1-206



18

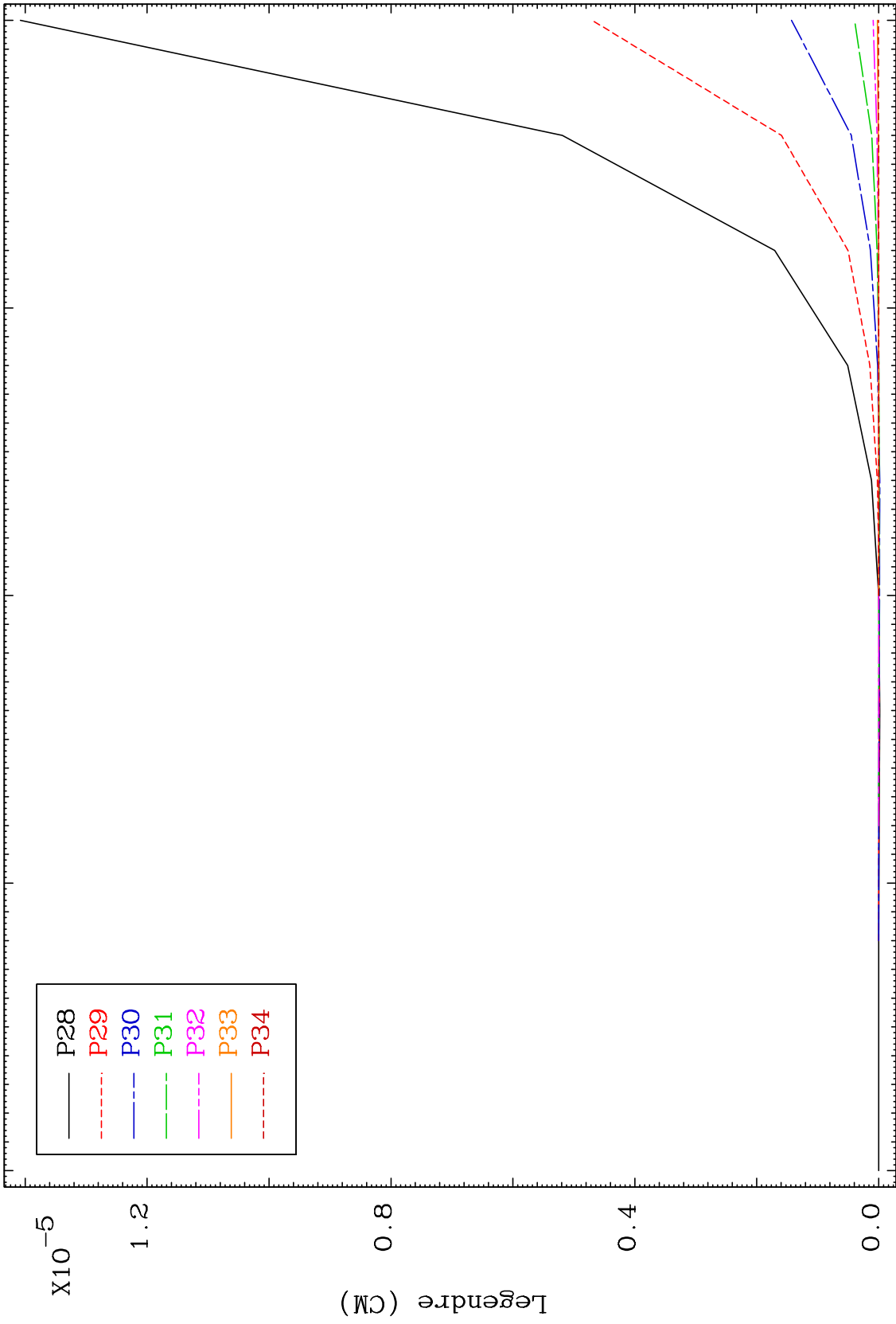
Incident Energy (MeV)

81-T1-206

MAT 8134

### Elastic Legendre Coefficients

81-T1-206



19

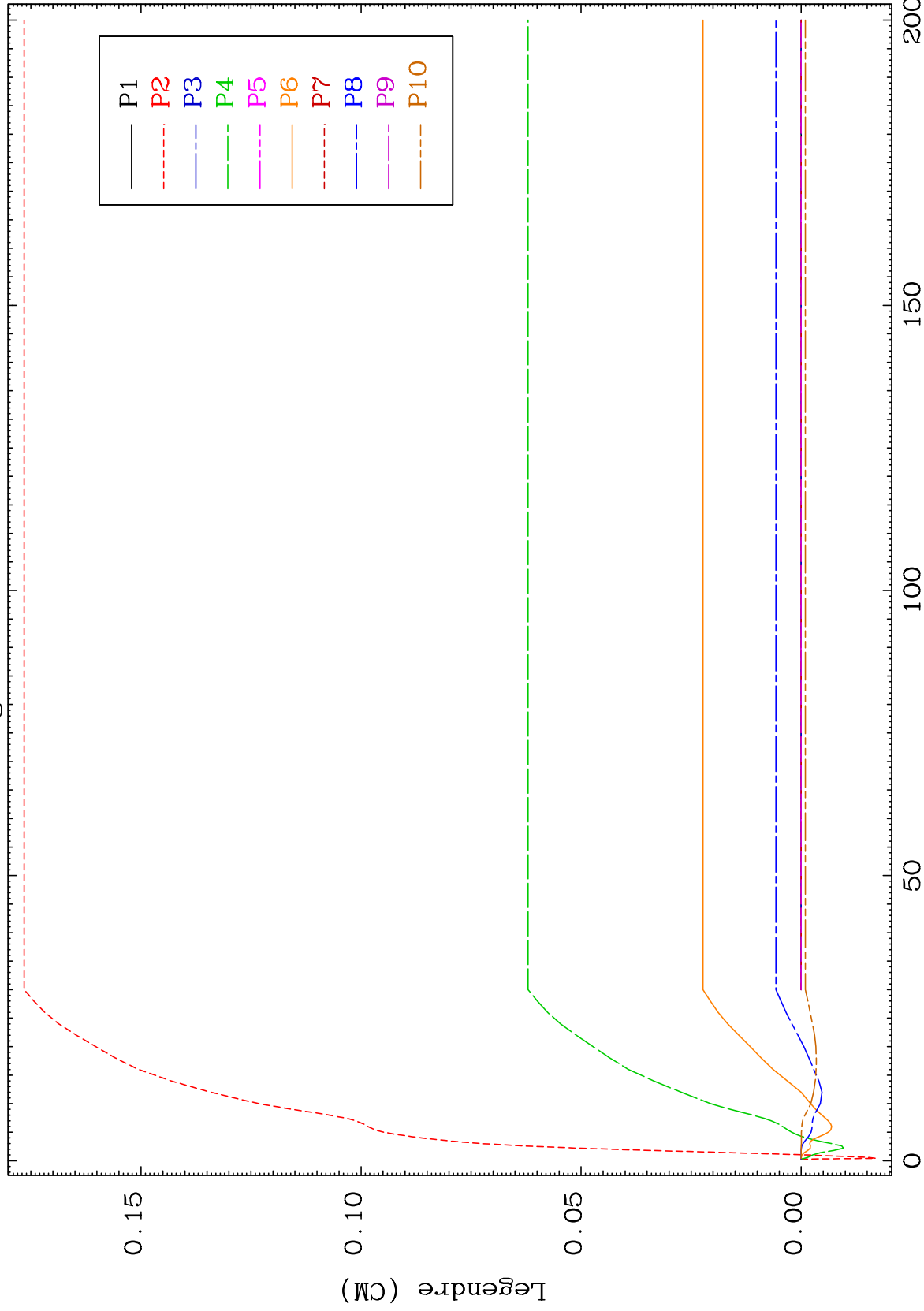
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



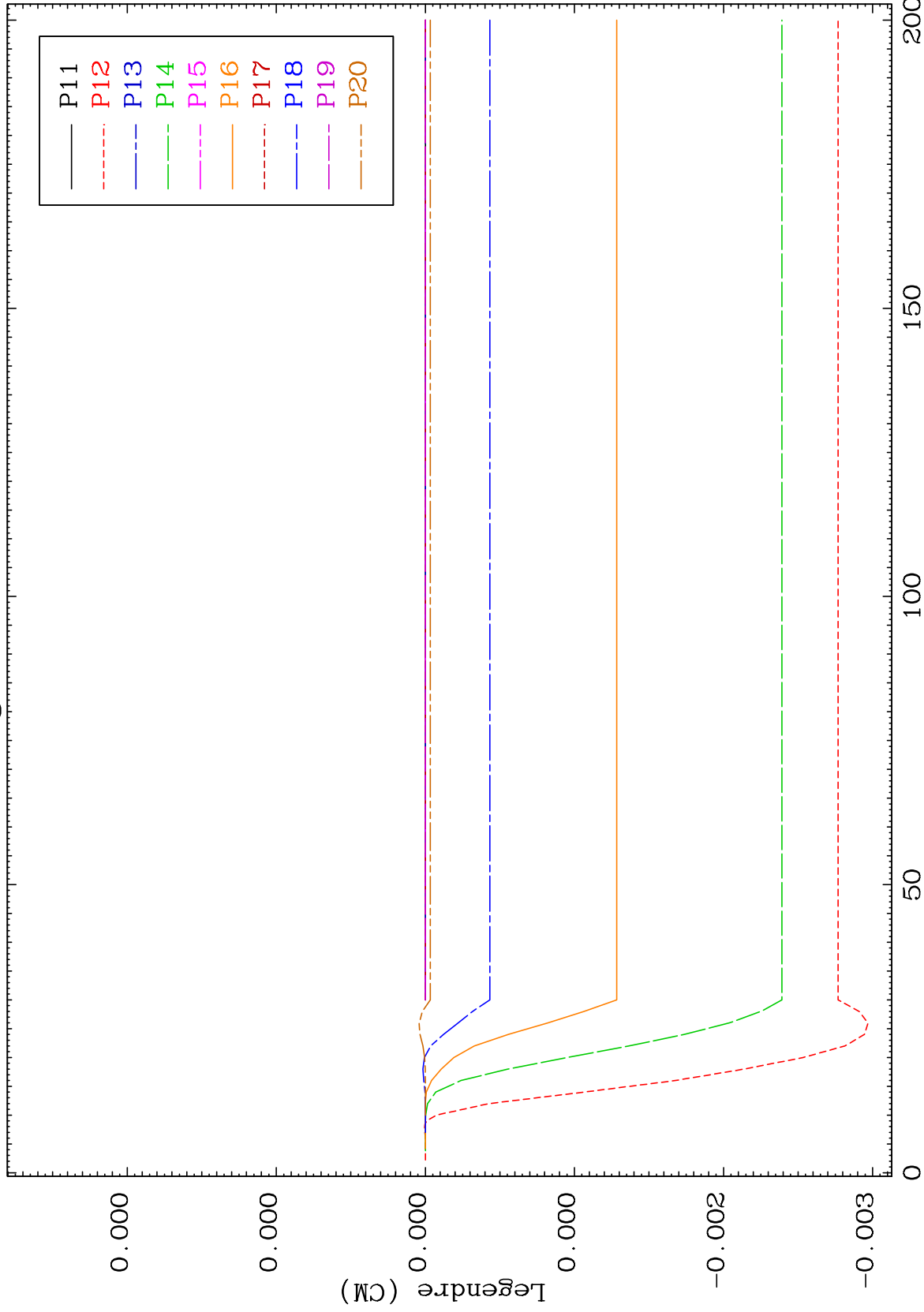
81-T1-206

Incident Energy (MeV)

MAT 8134

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

81-T1-206



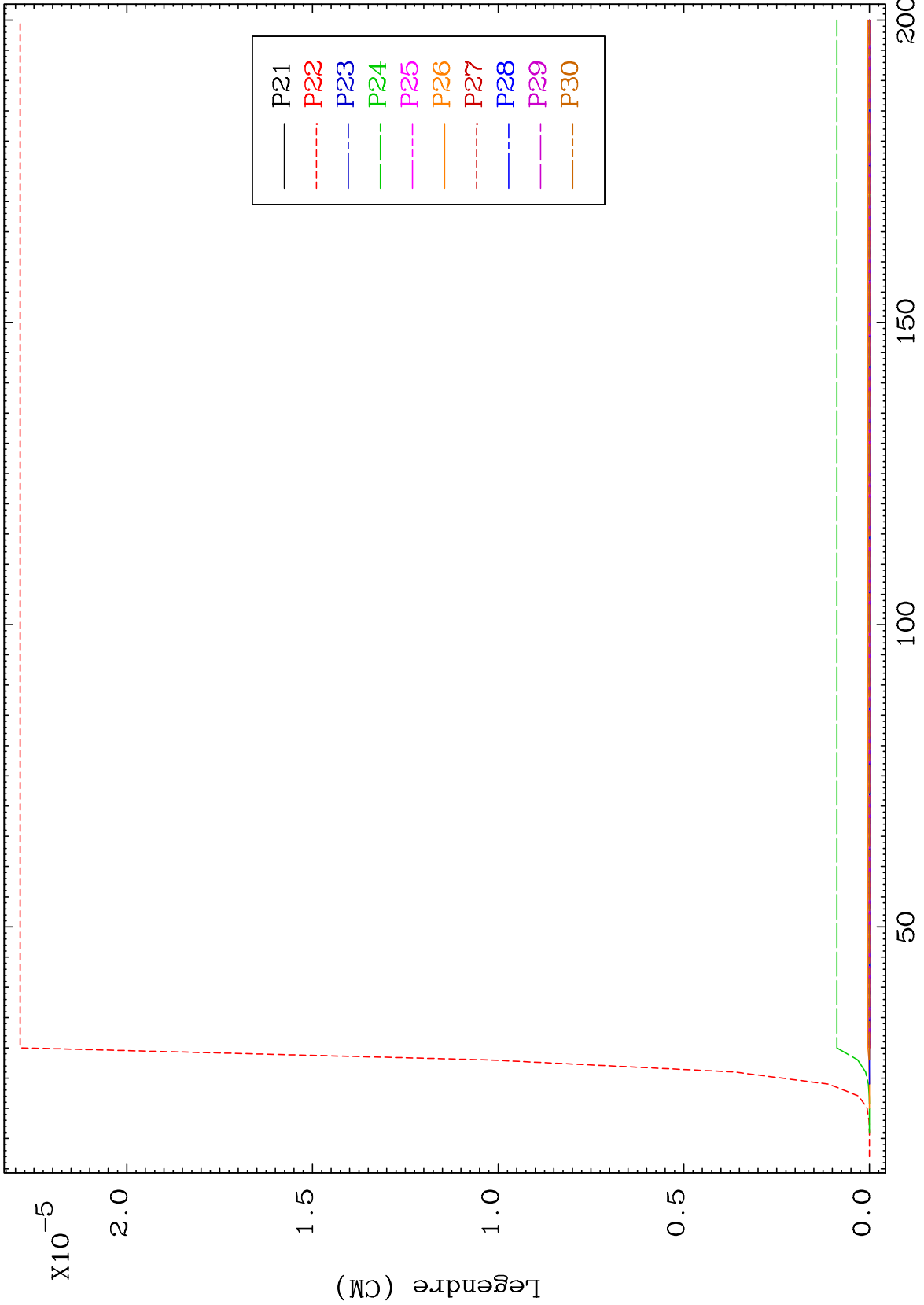
21

81-T1-206

MAT 8134

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

81-T1-206



22

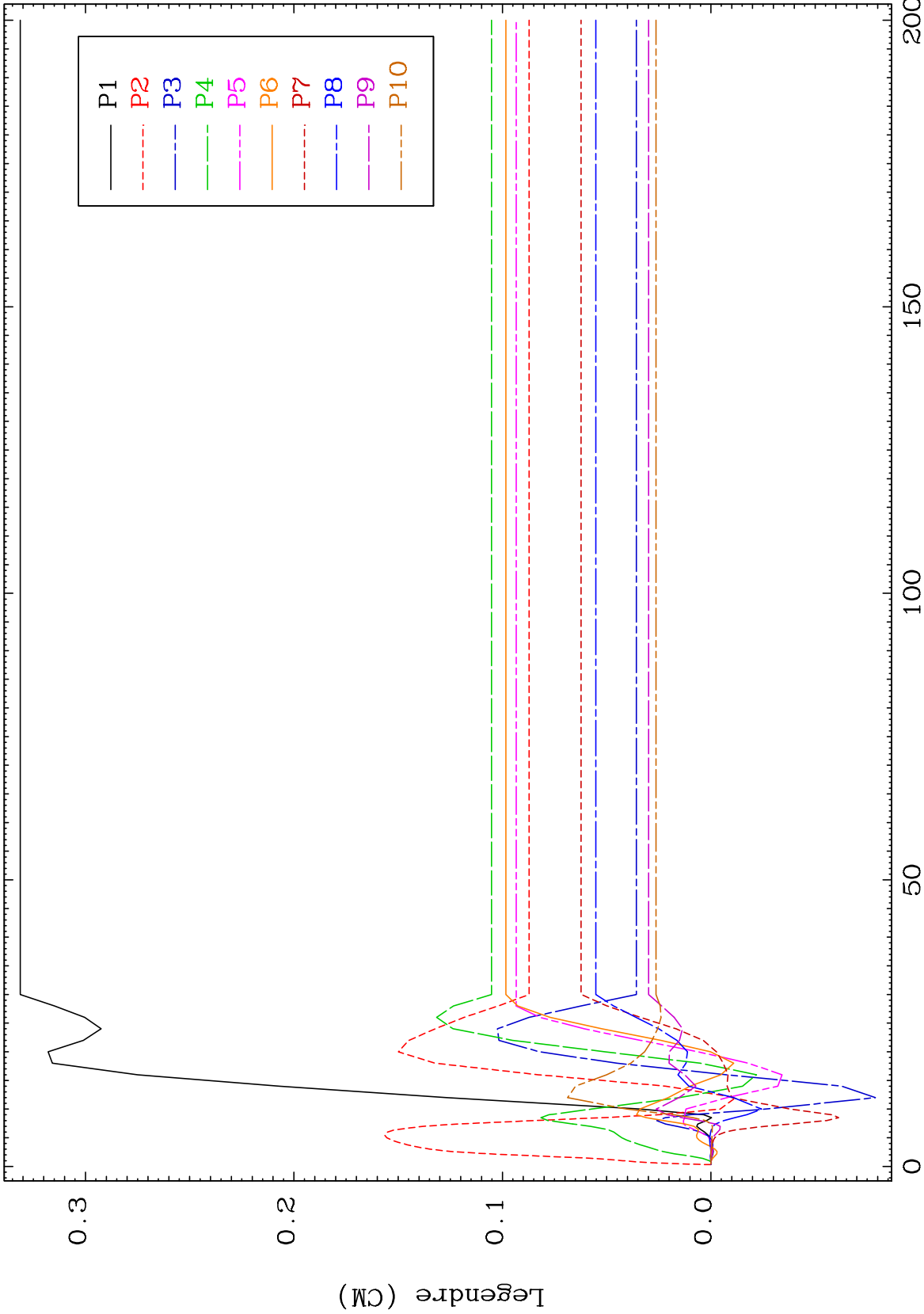
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



23

Incident Energy (MeV)

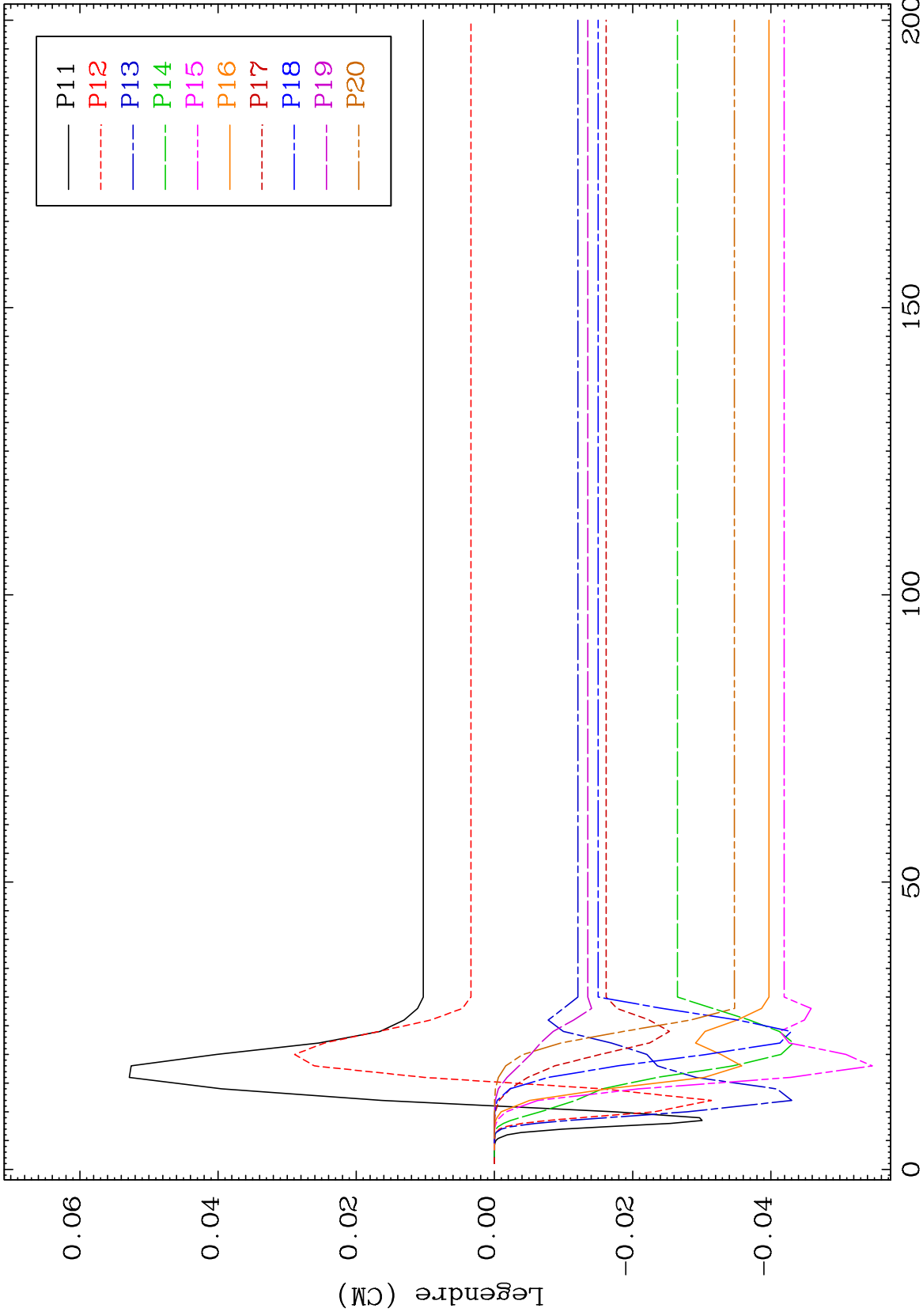
81-T1-206



MAT 8134

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

81-T1-206



24

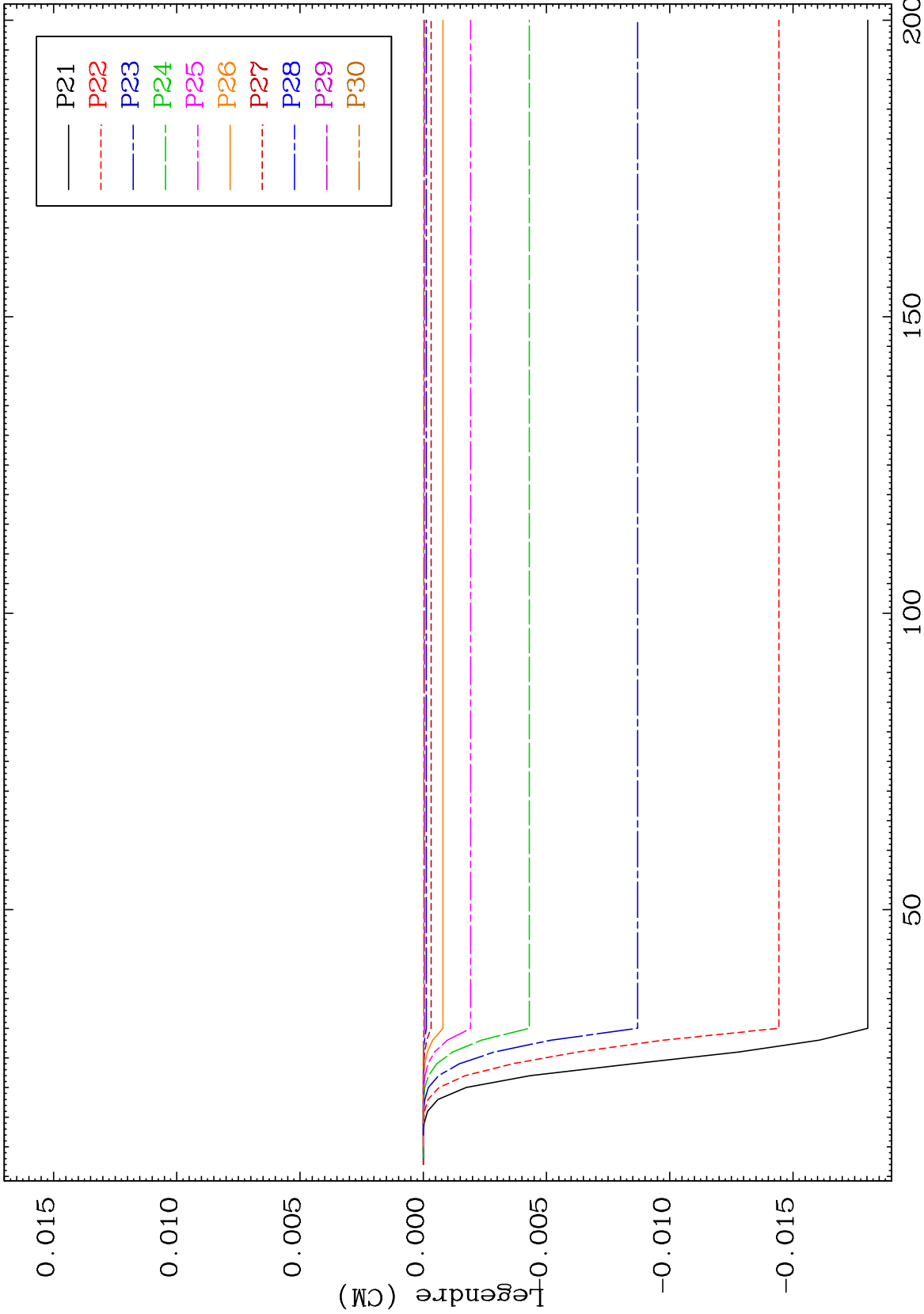
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



25

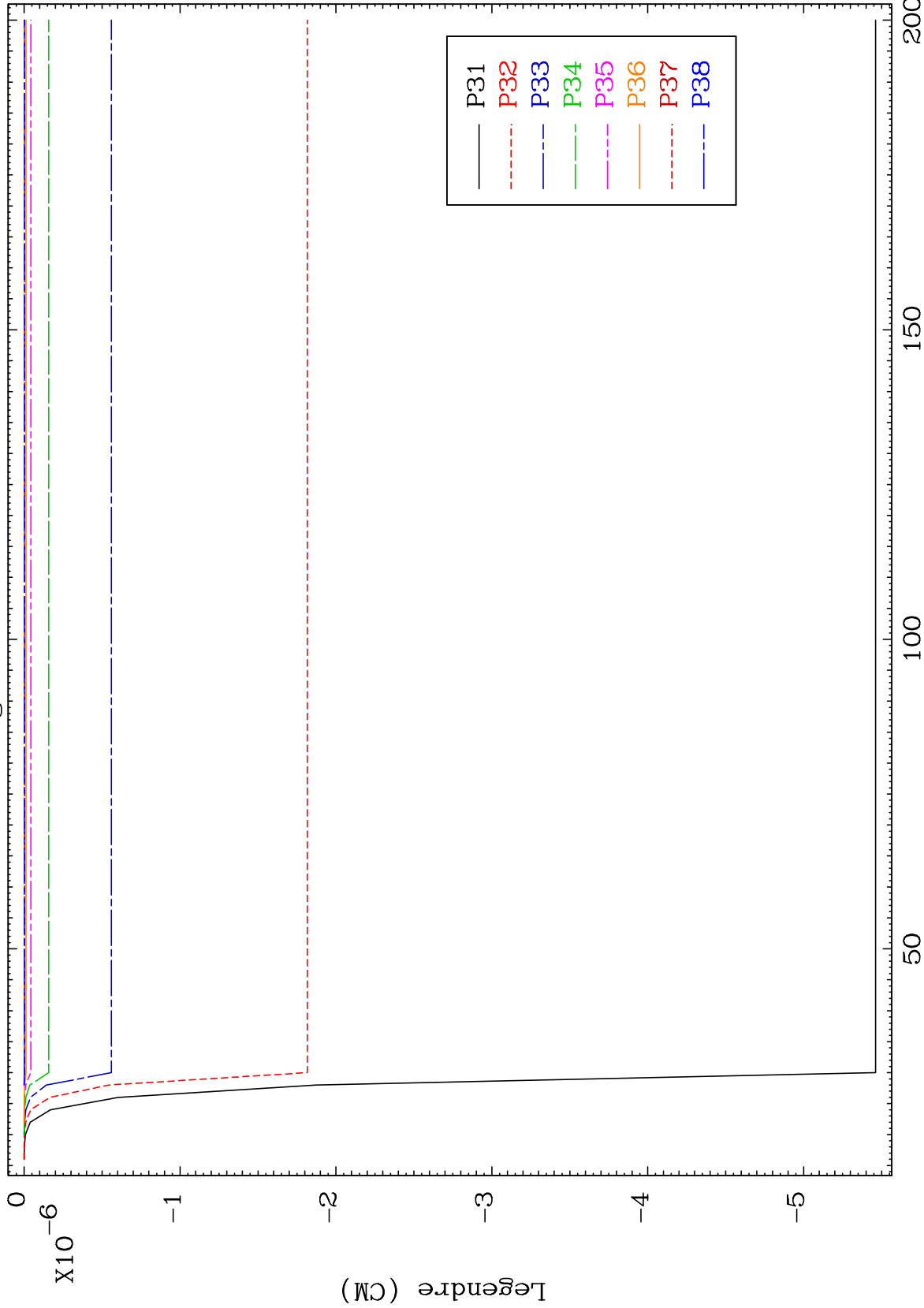
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



26

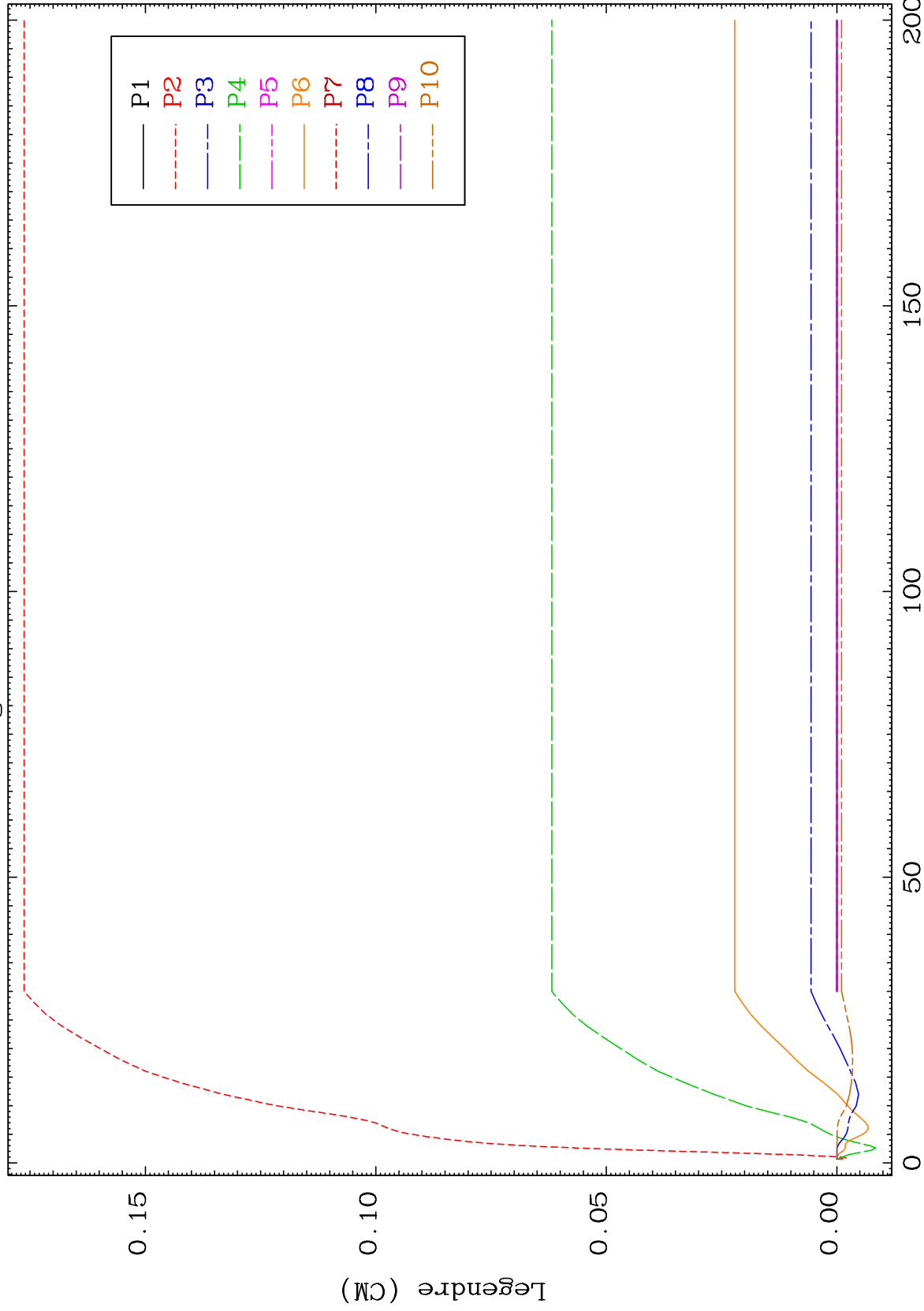
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



27

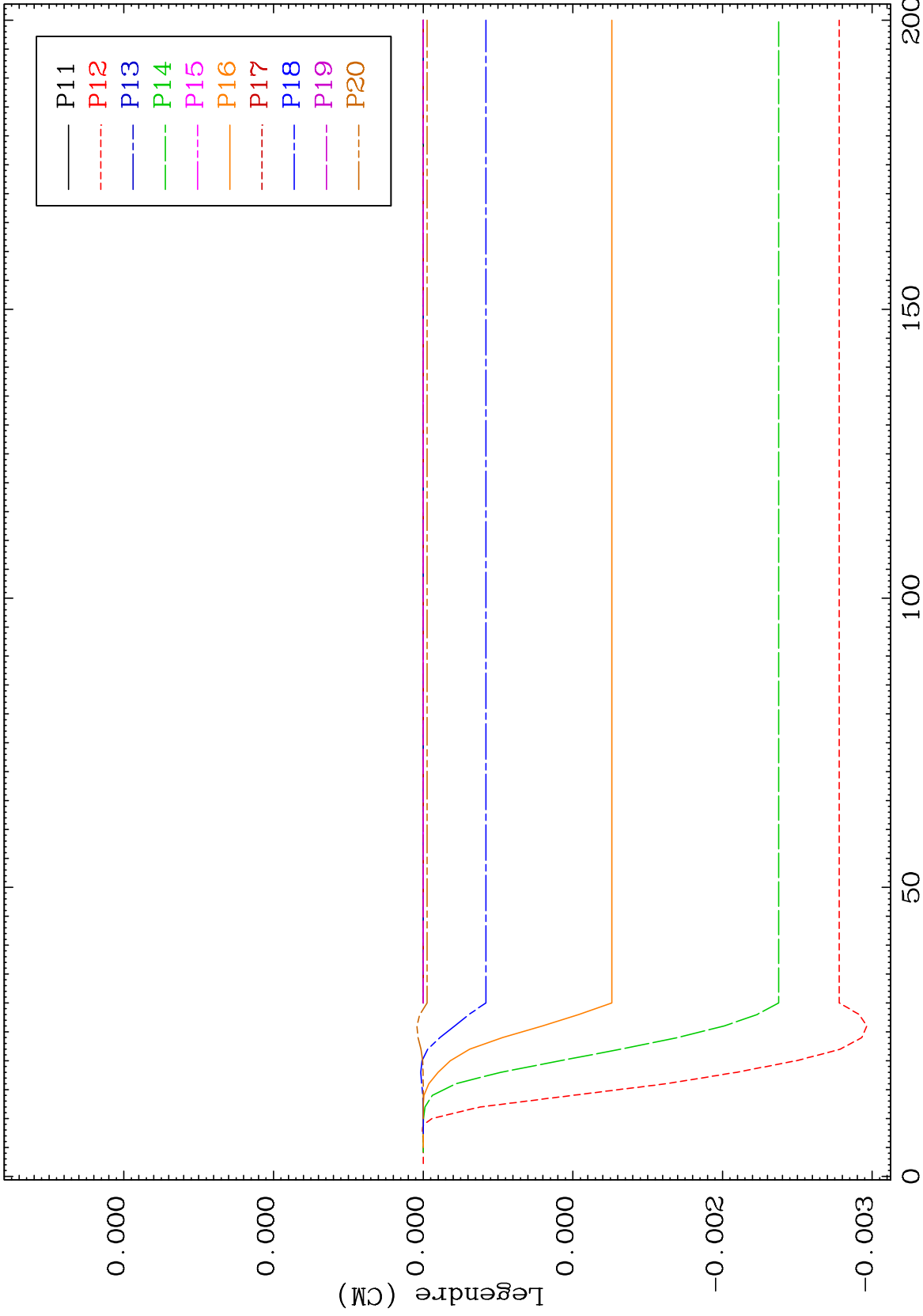
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



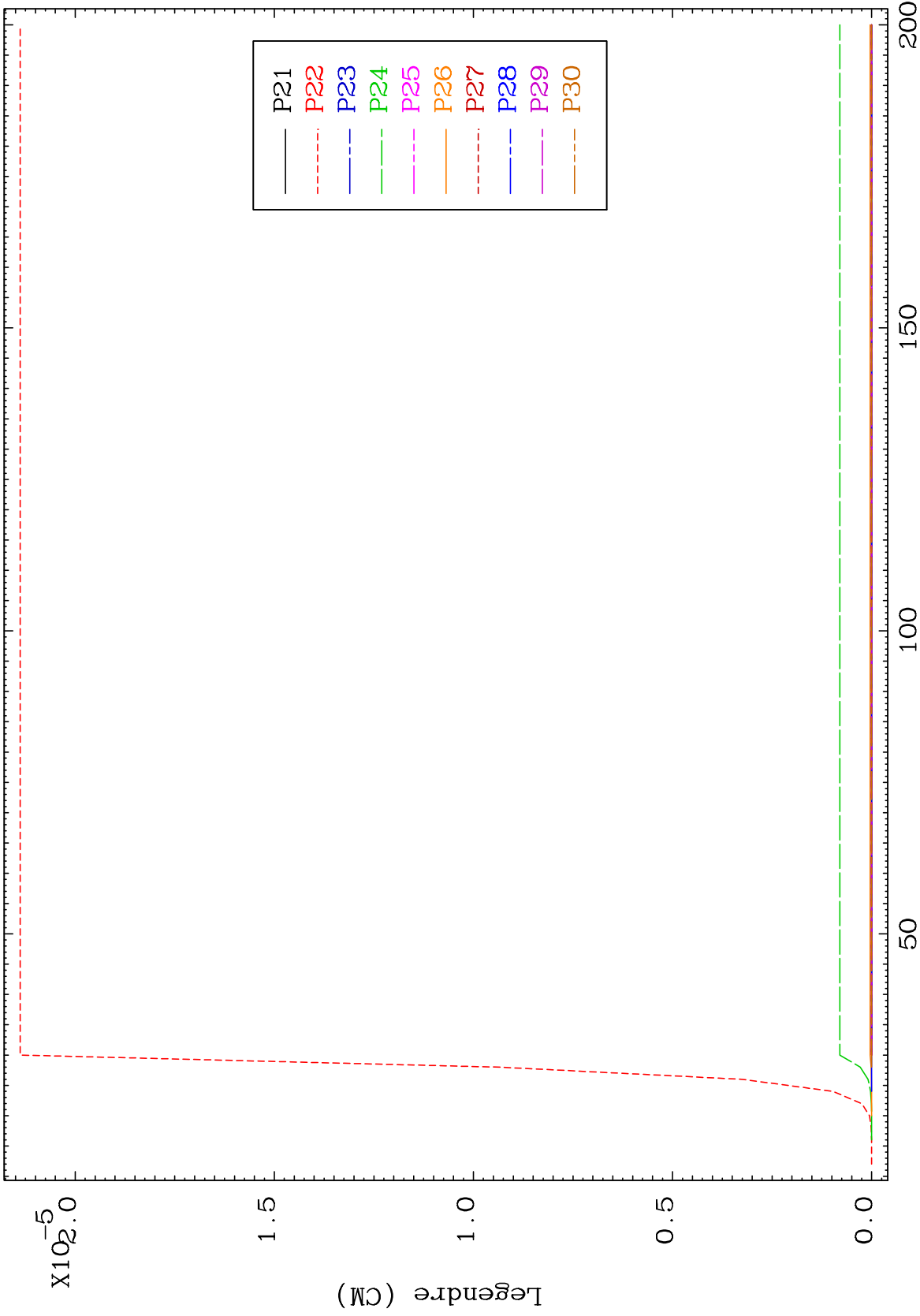
28

81-T1-206

MAT 8134

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

81-T1-206



29

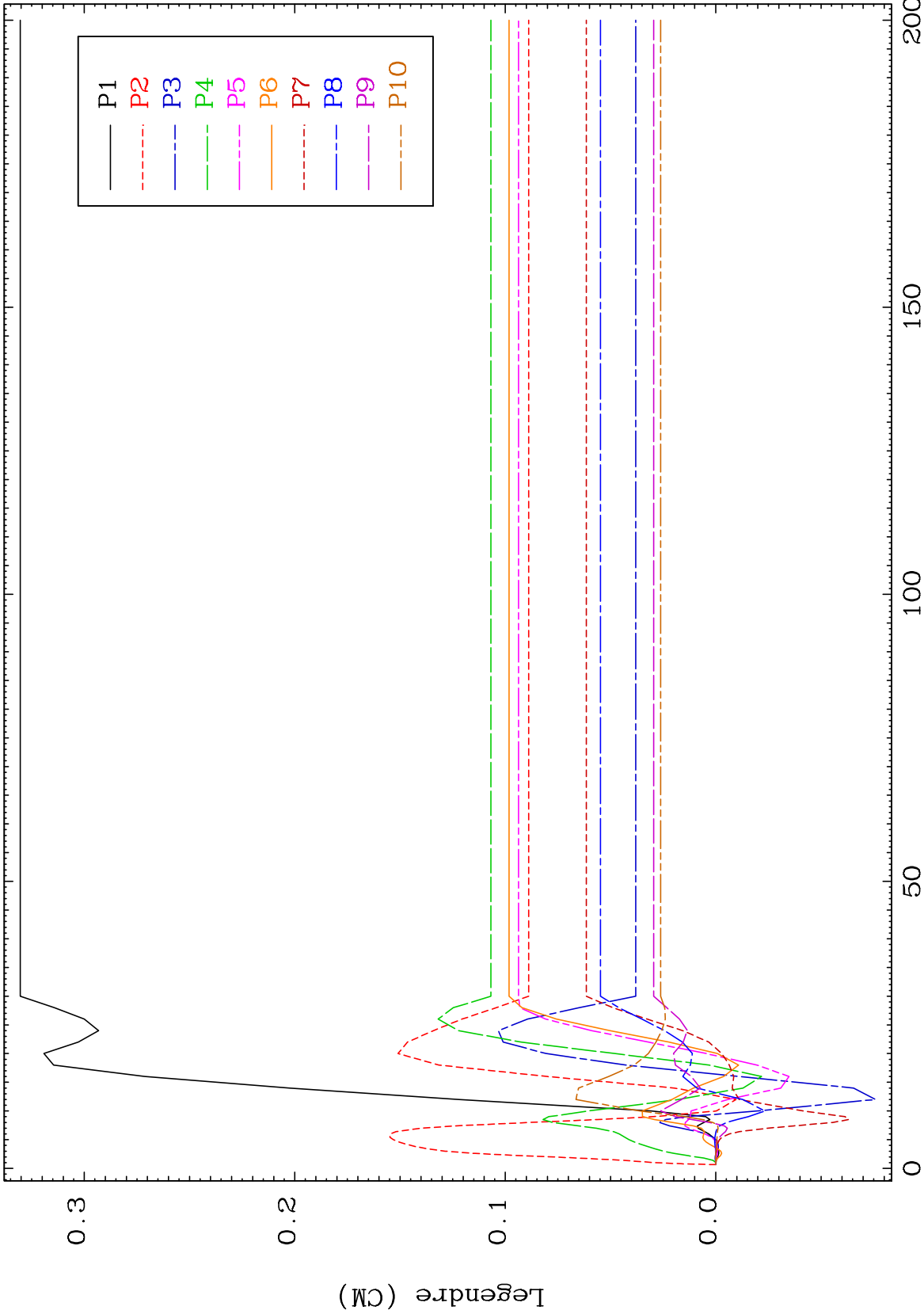
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



81-T1-206

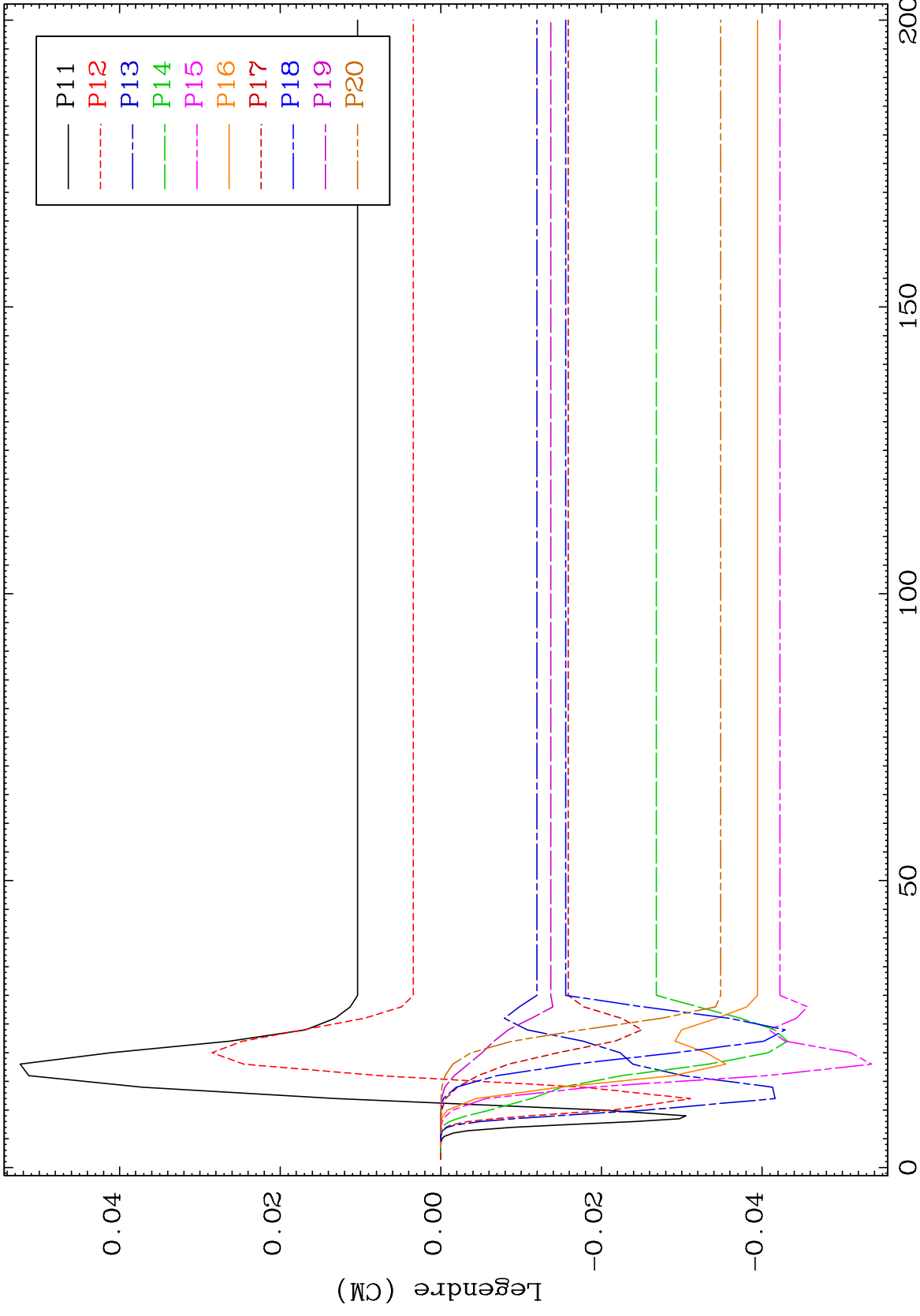
Incident Energy (MeV)

30

MAT 8134

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

81-T1-206



31

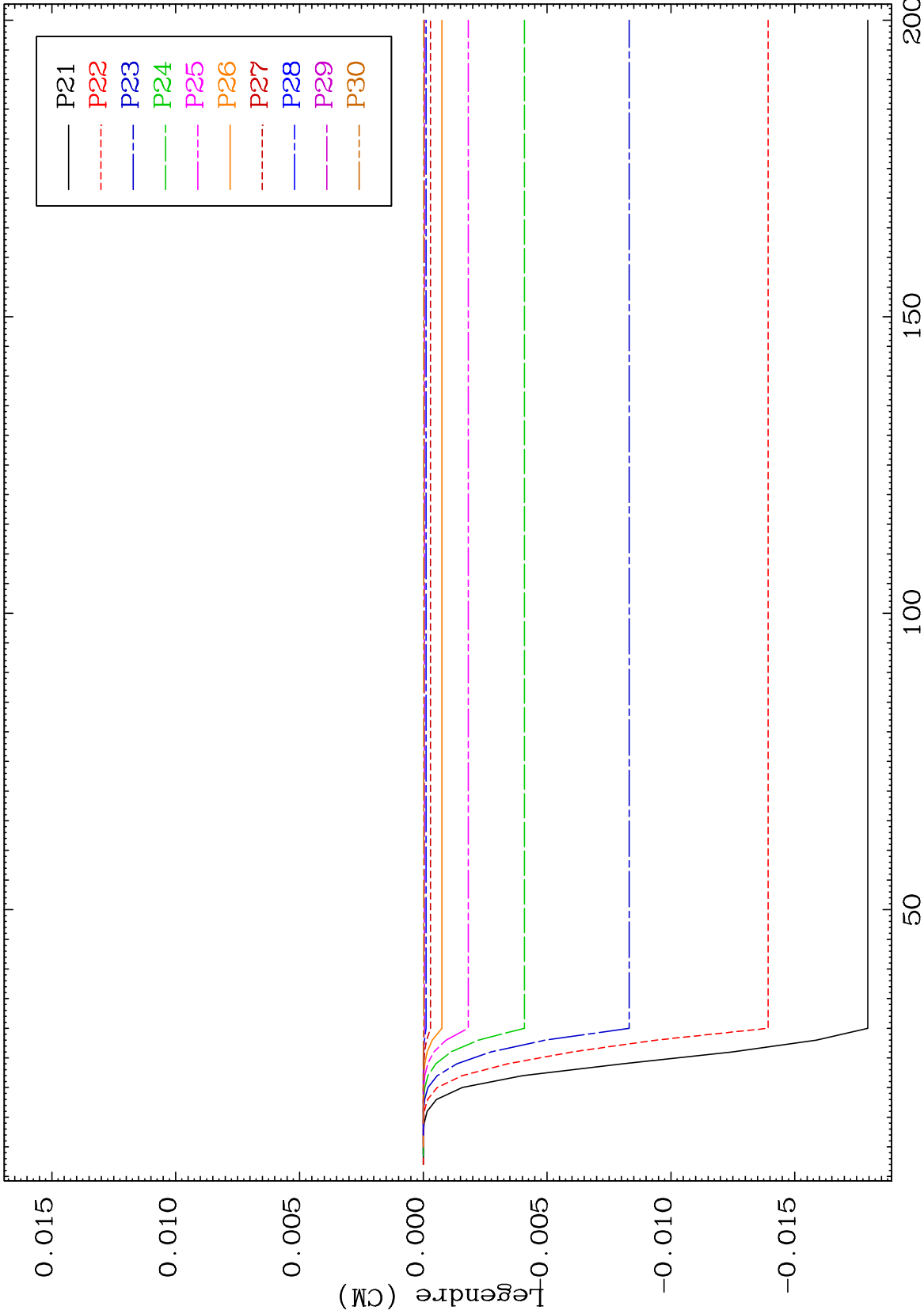
81-T1-206



MAT 8134

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

81-T1-206



32

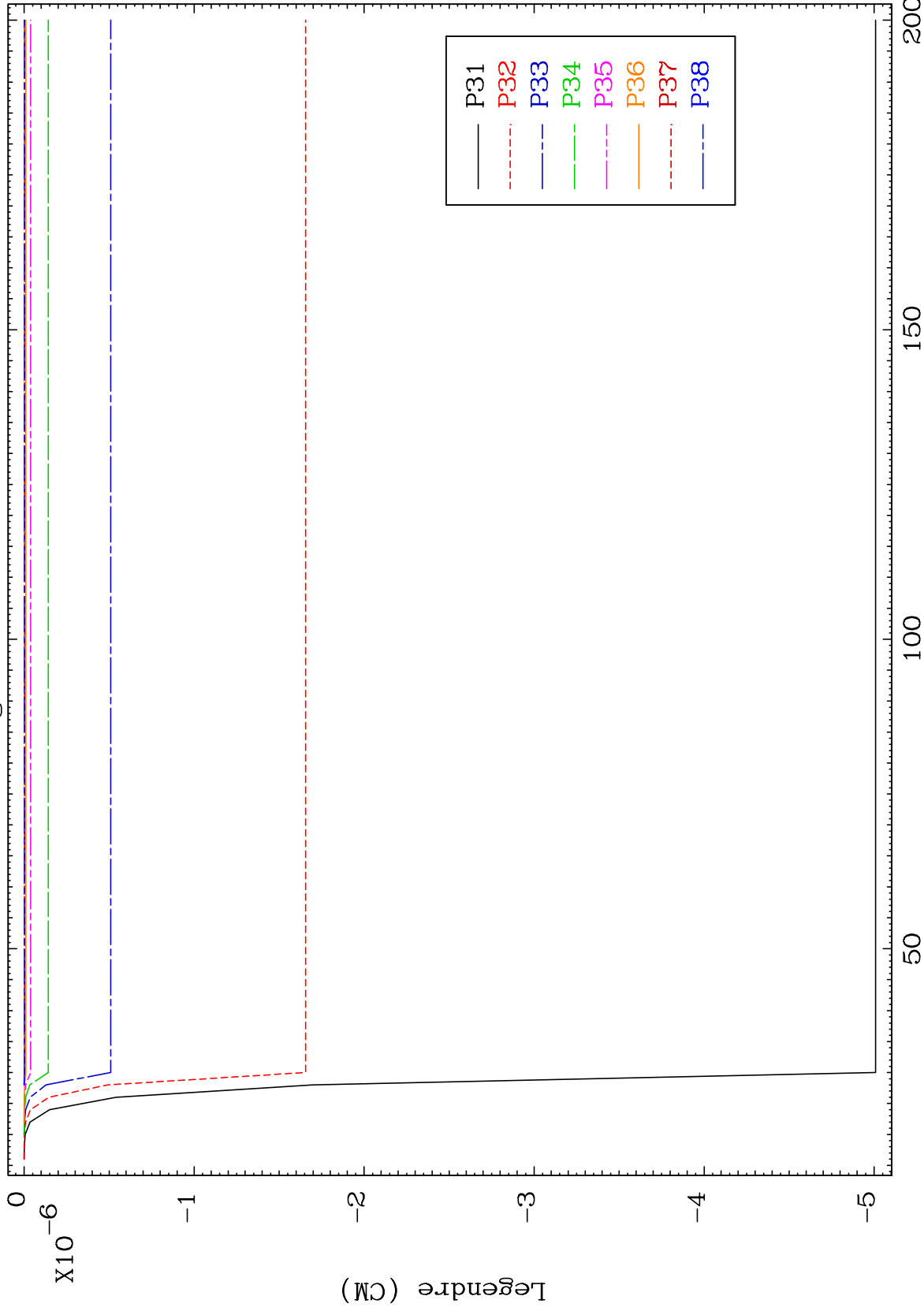
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



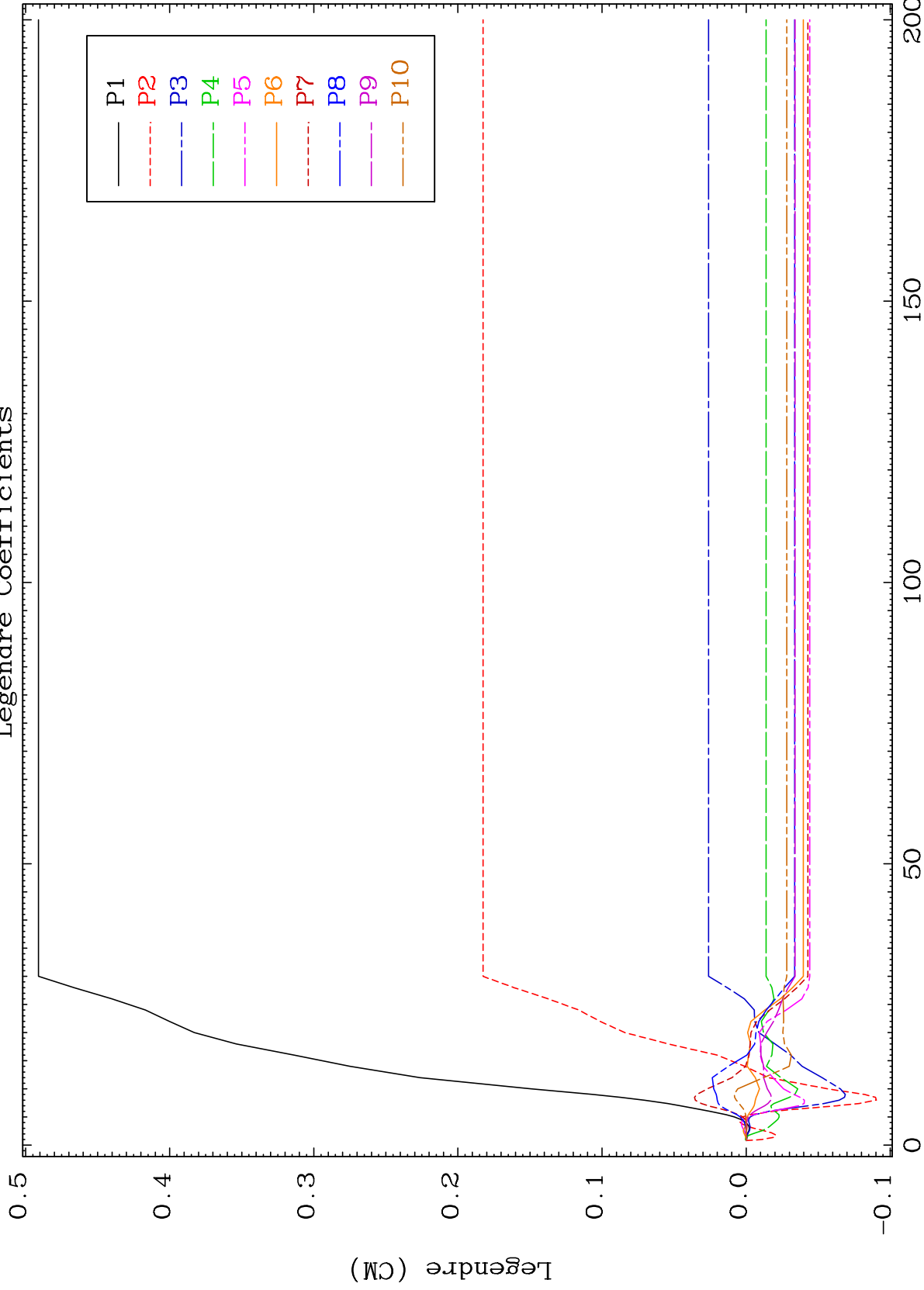
33

81-T1-206

MAT 8134

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

81-T1-206



34

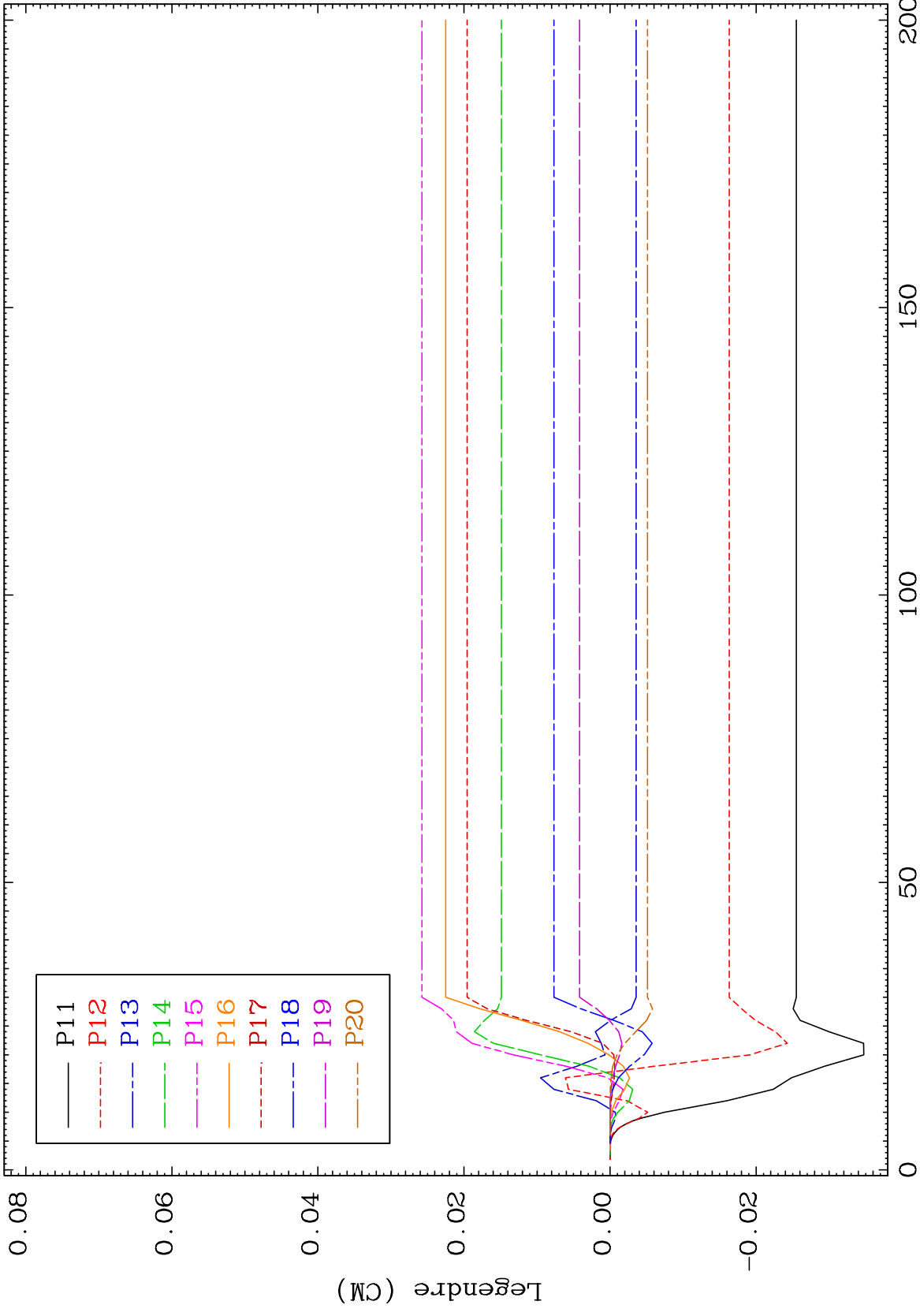
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



35

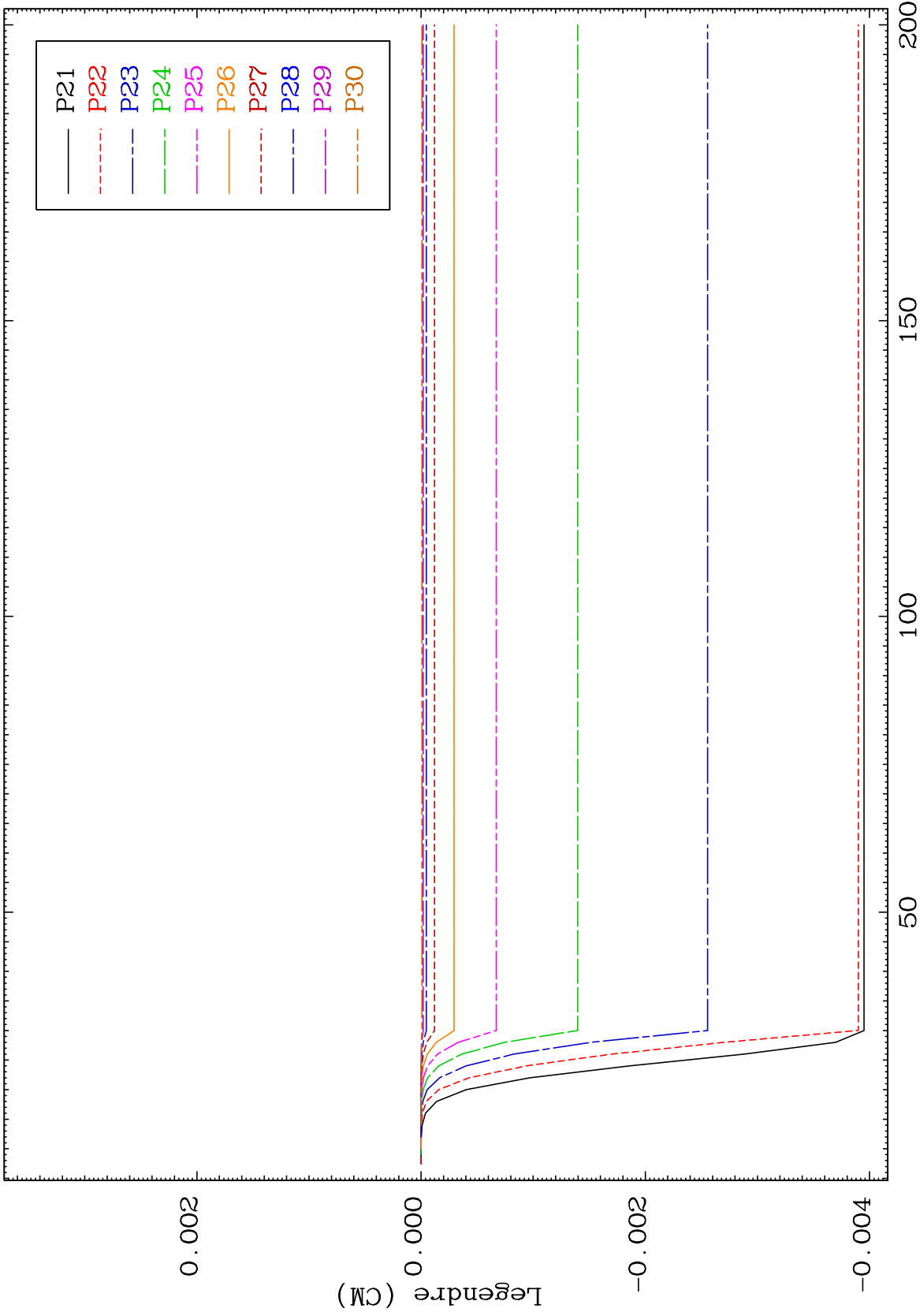
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



36

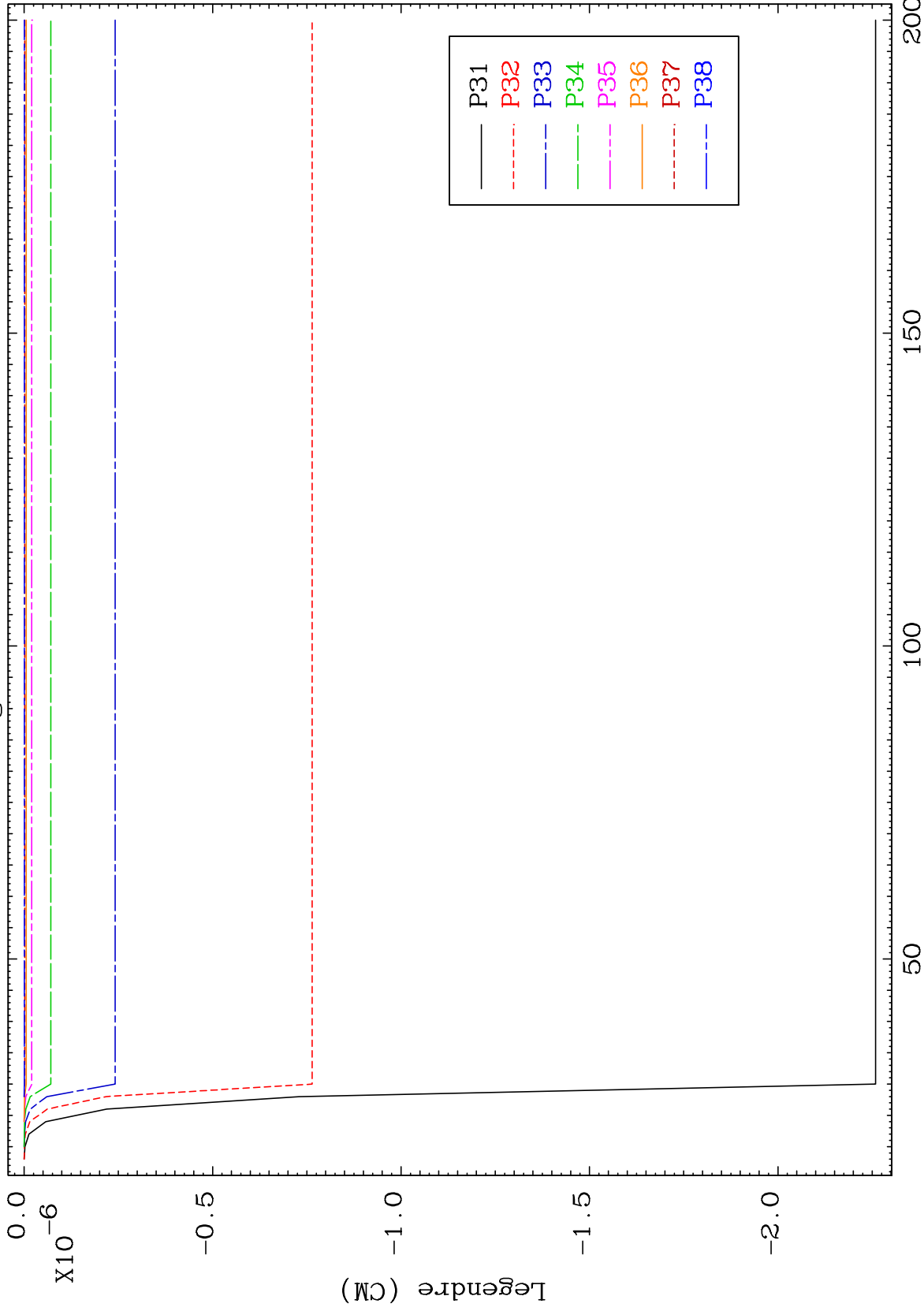
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



37

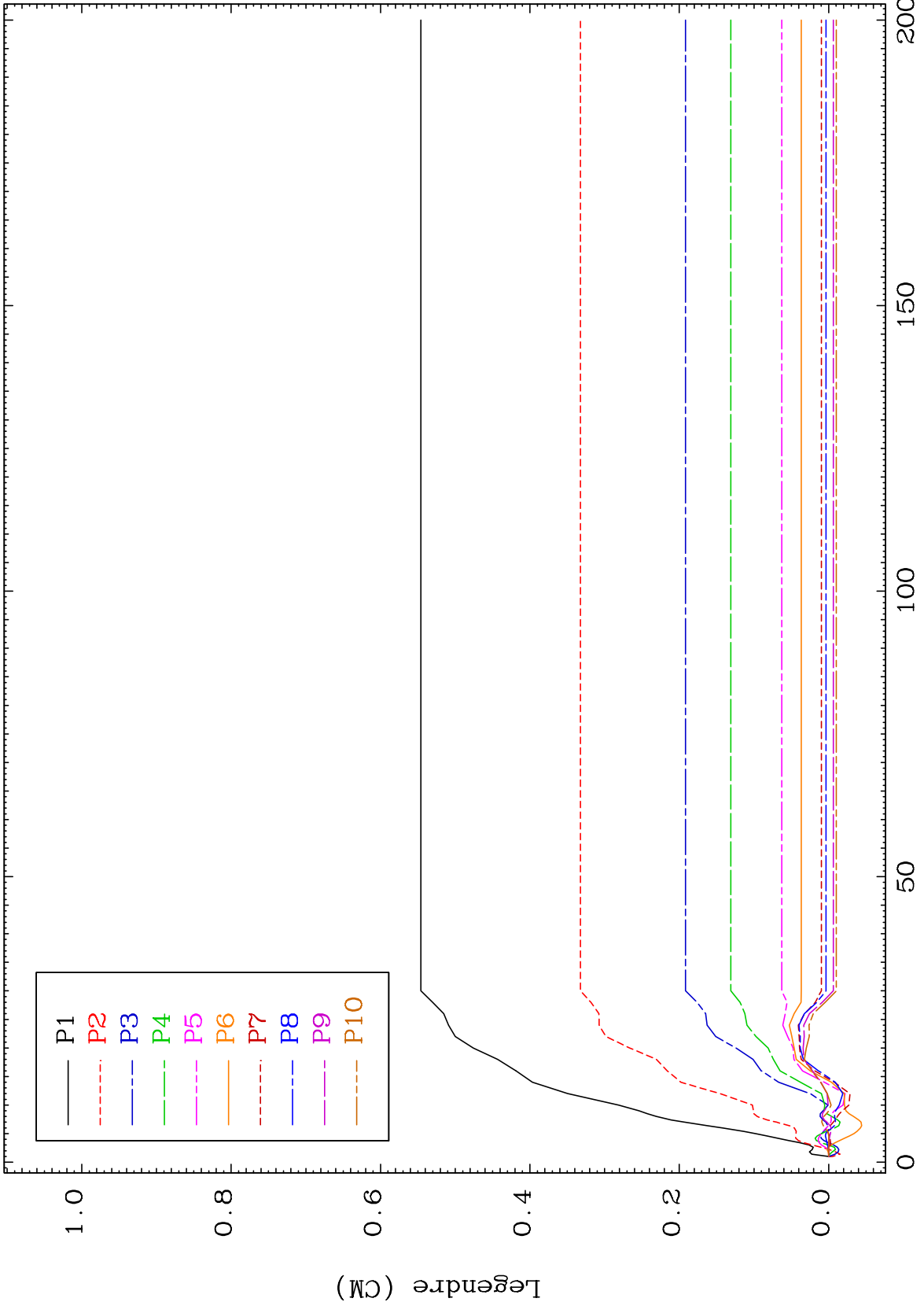
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



38

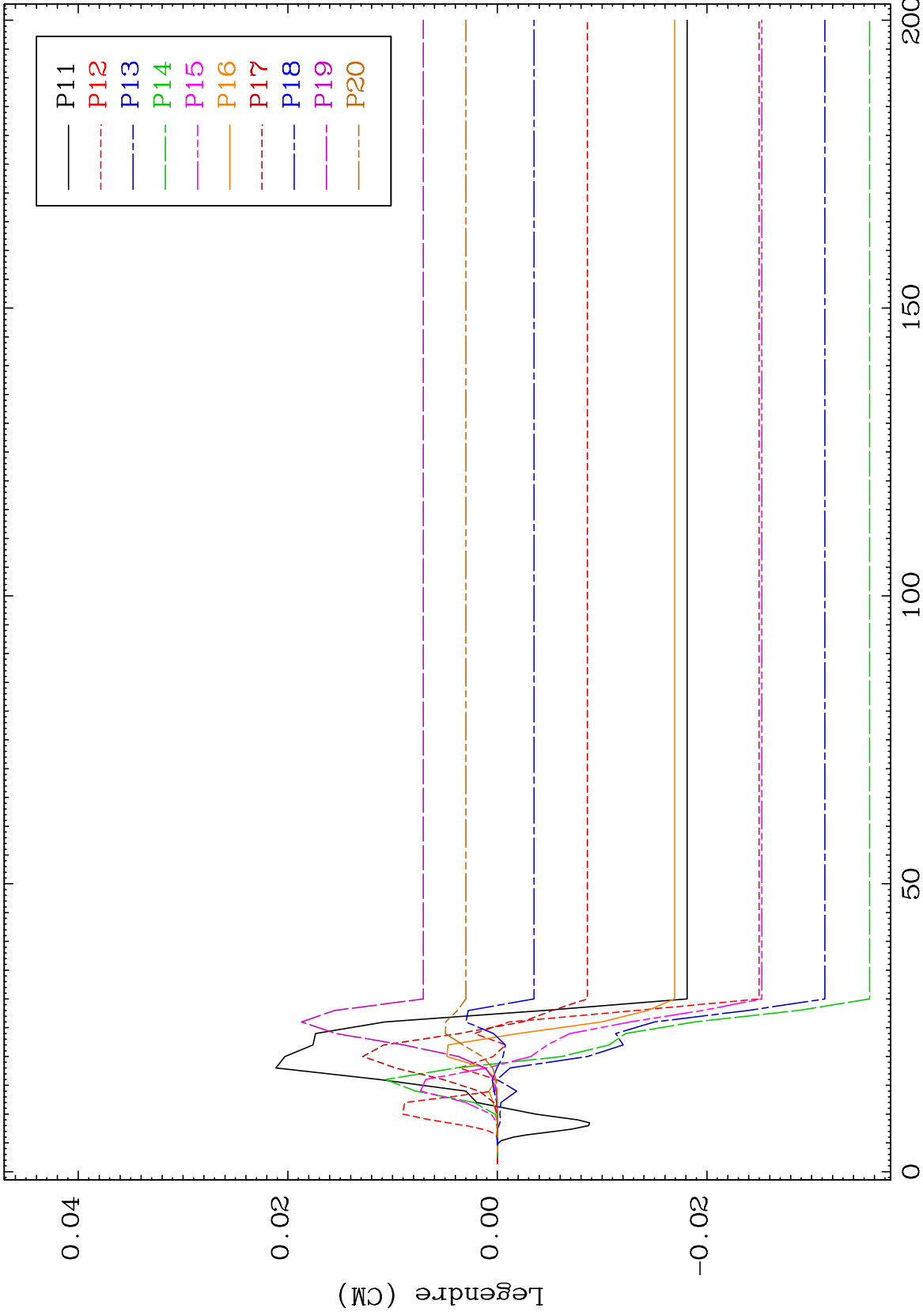
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



39

Incident Energy (MeV)

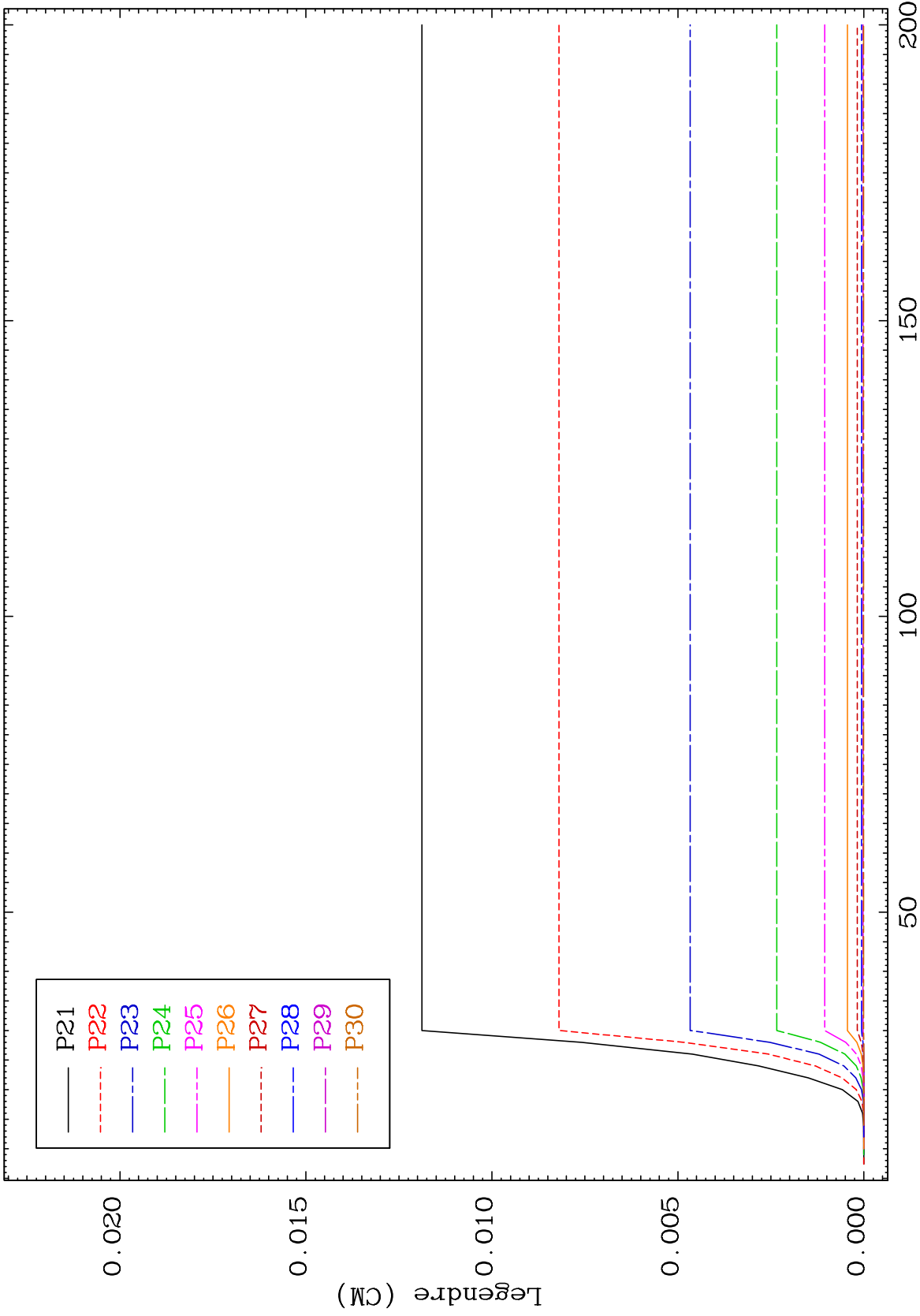
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MAT 8134

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

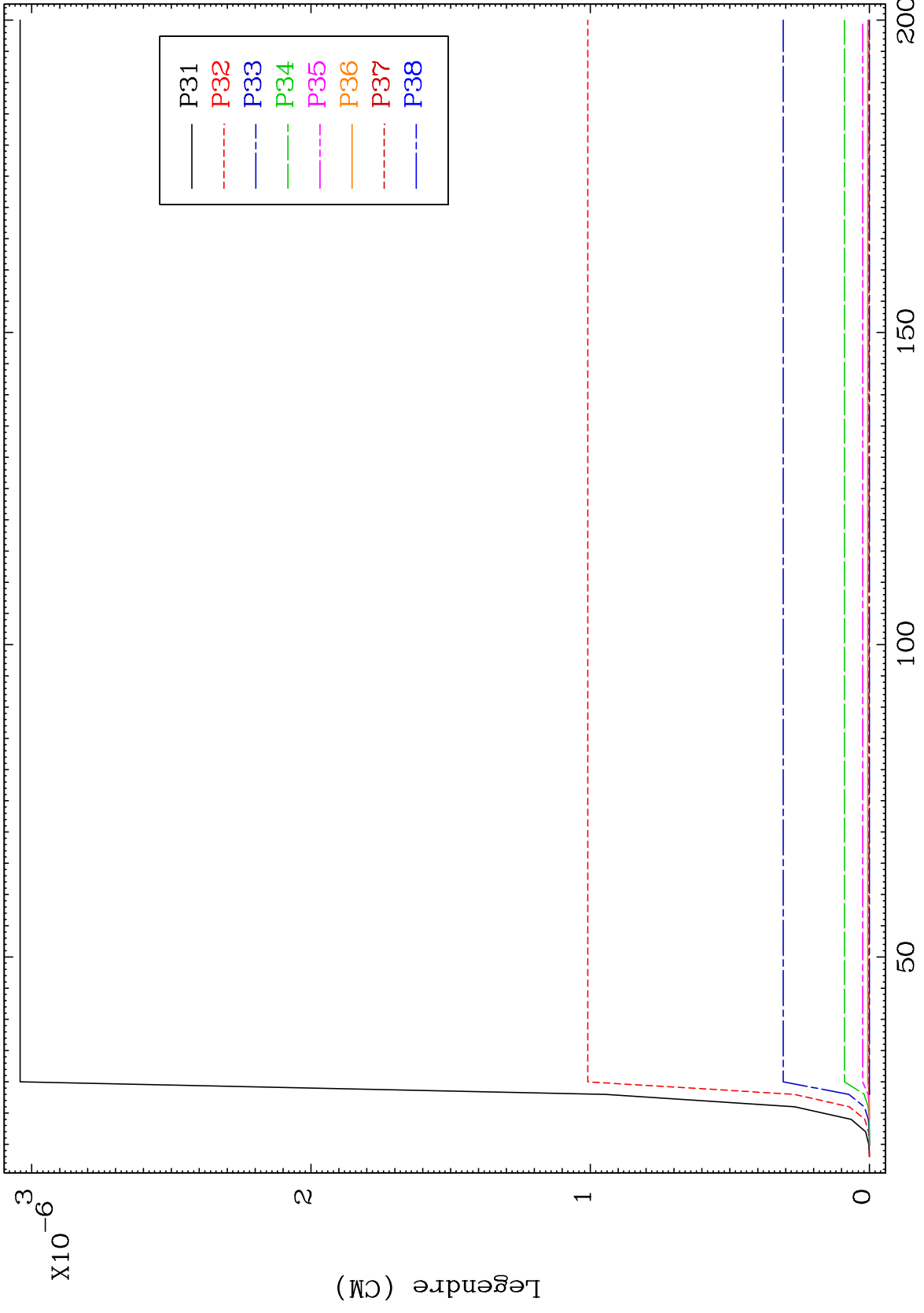
81-T1-206



40

Incident Energy (MeV)

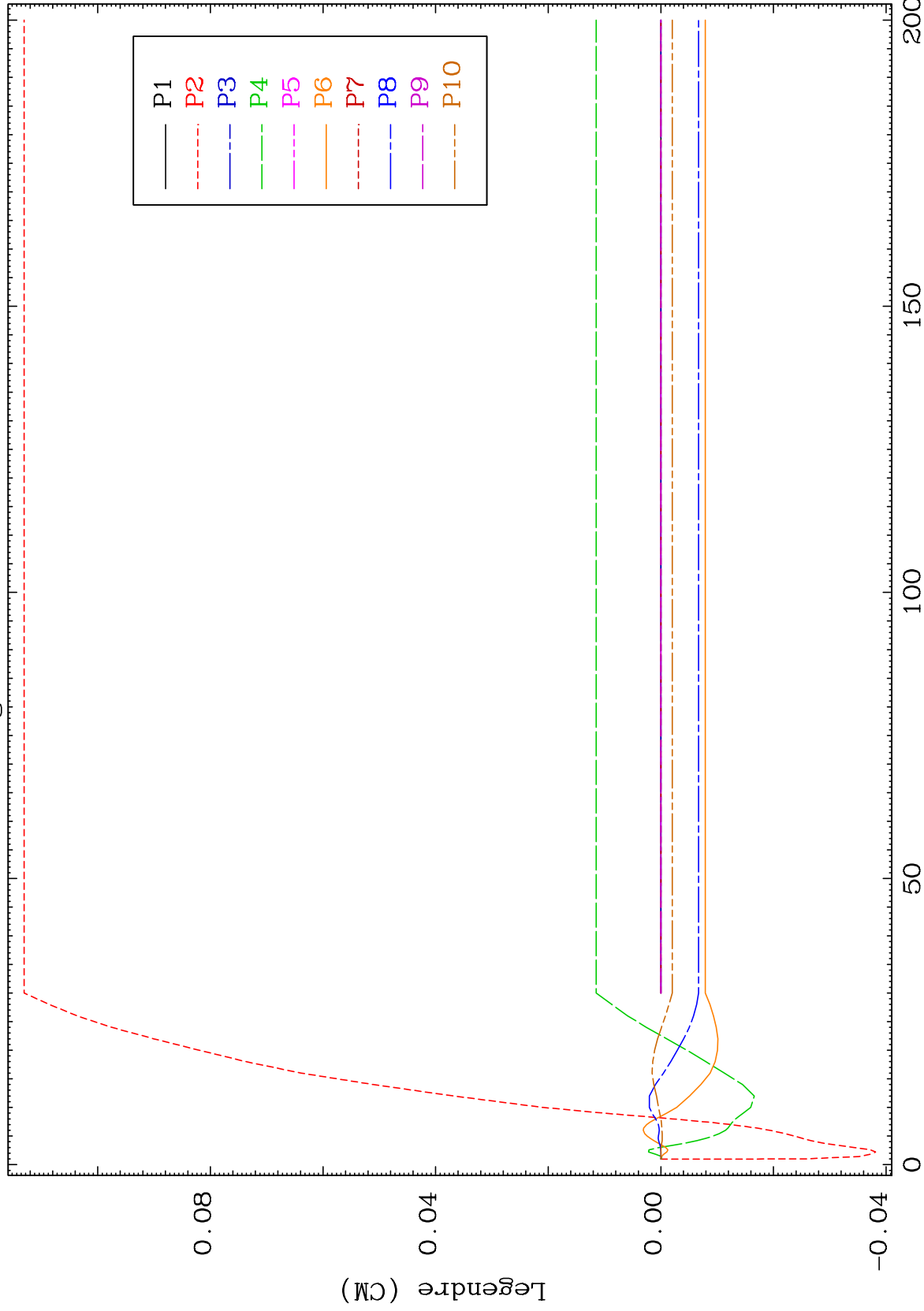
81-T1-206



MAT 8134

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

81-T1-206



42

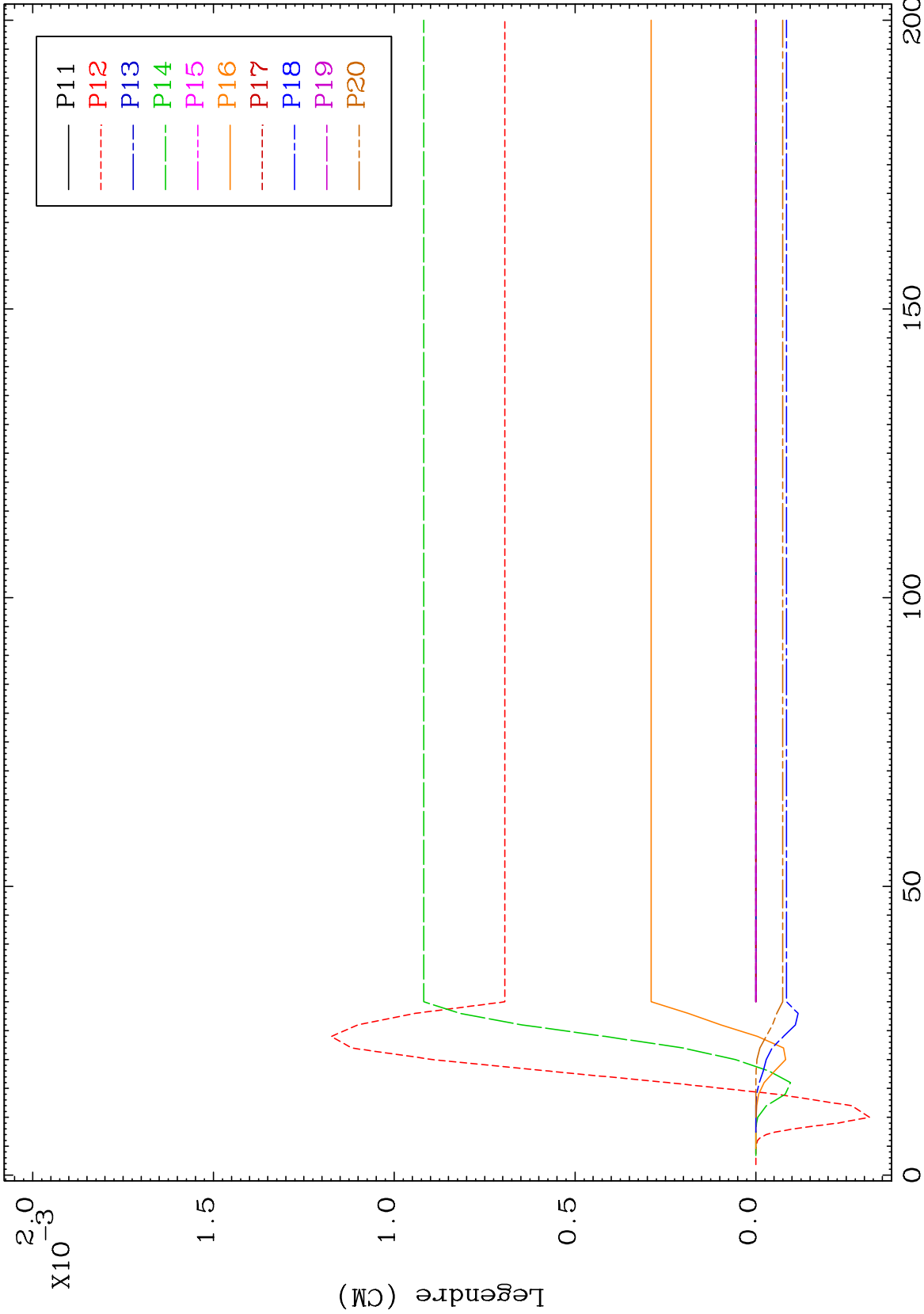
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



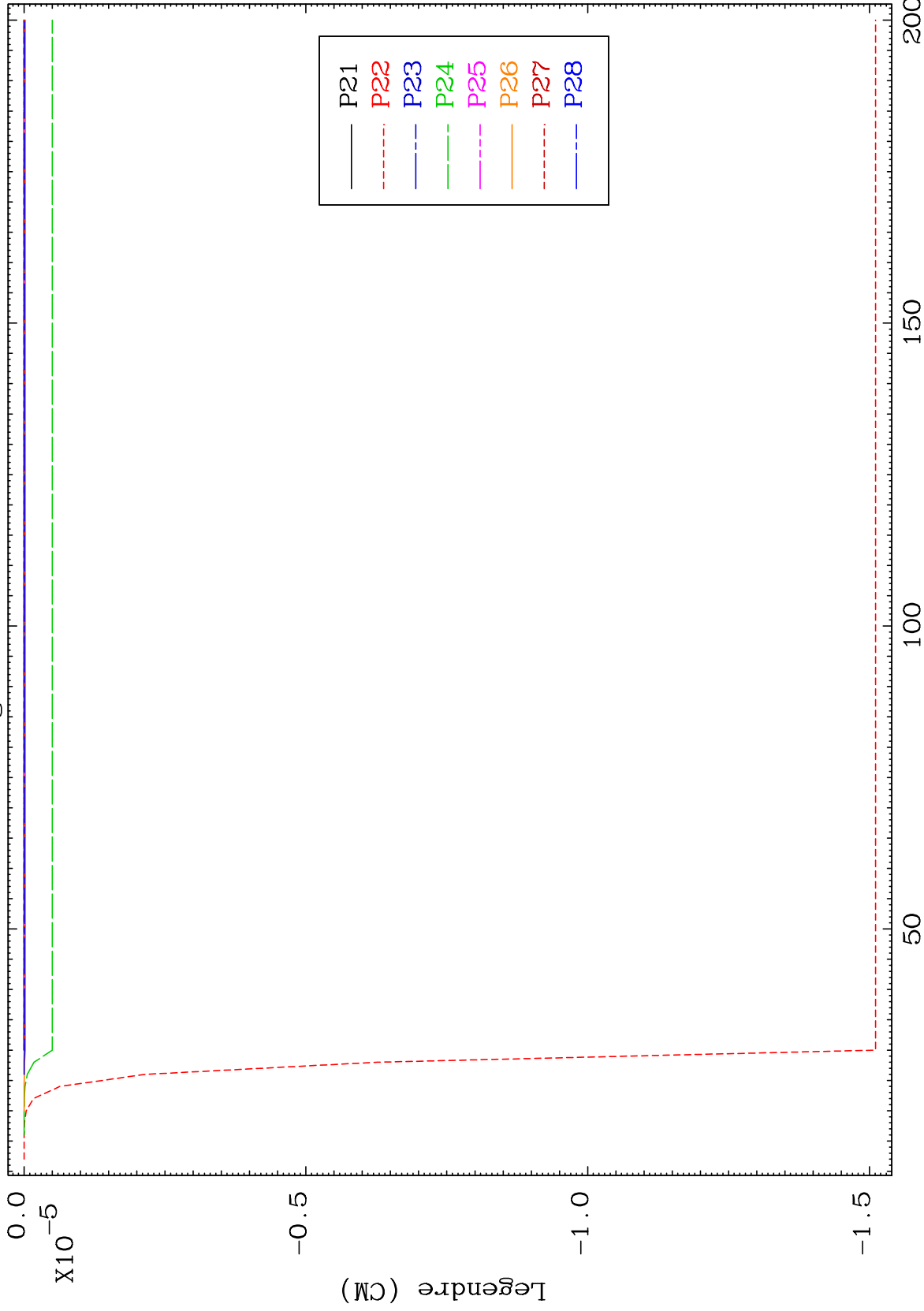
43

81-T1-206

MAT 8134

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

81-T1-206



44

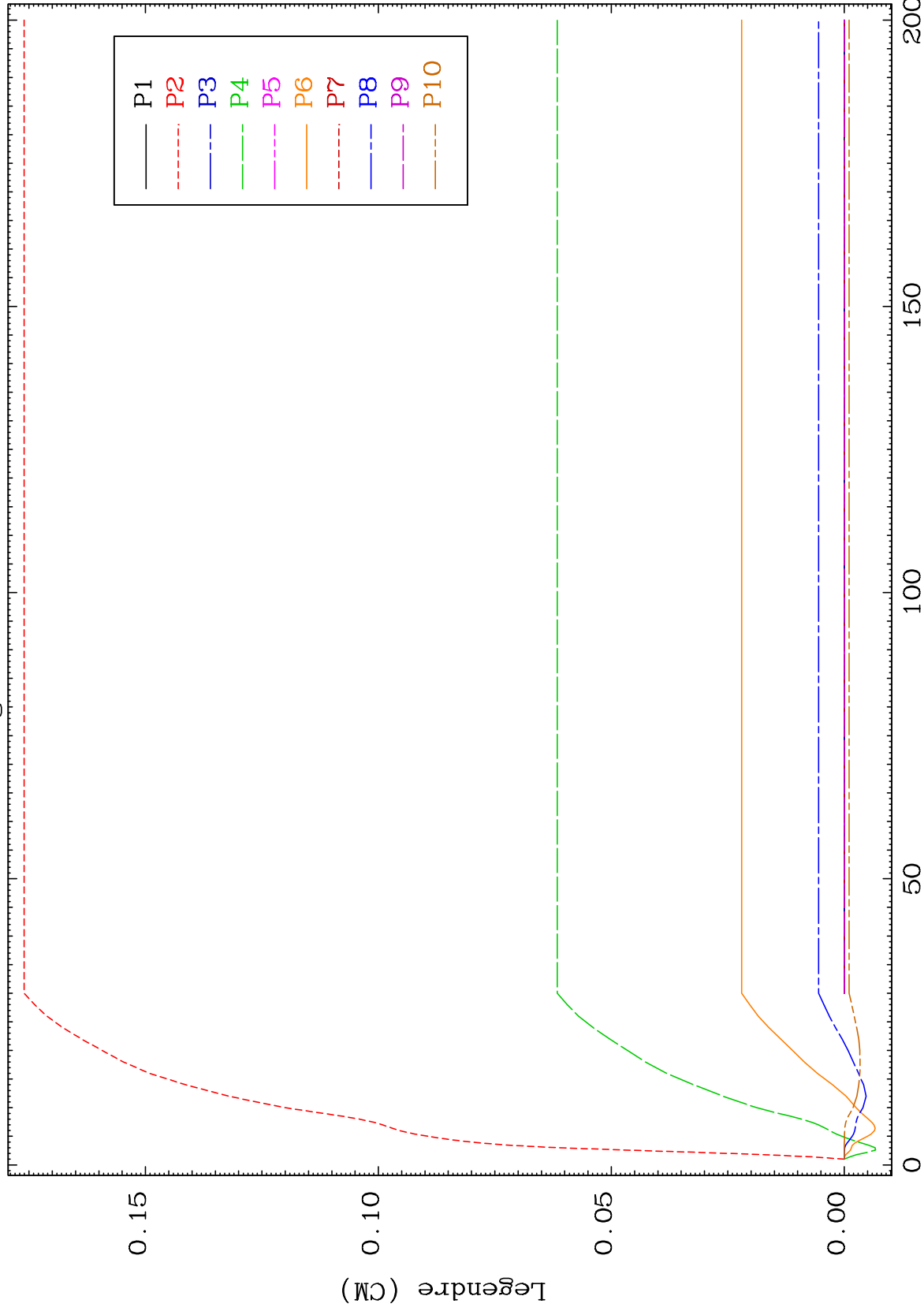
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



45

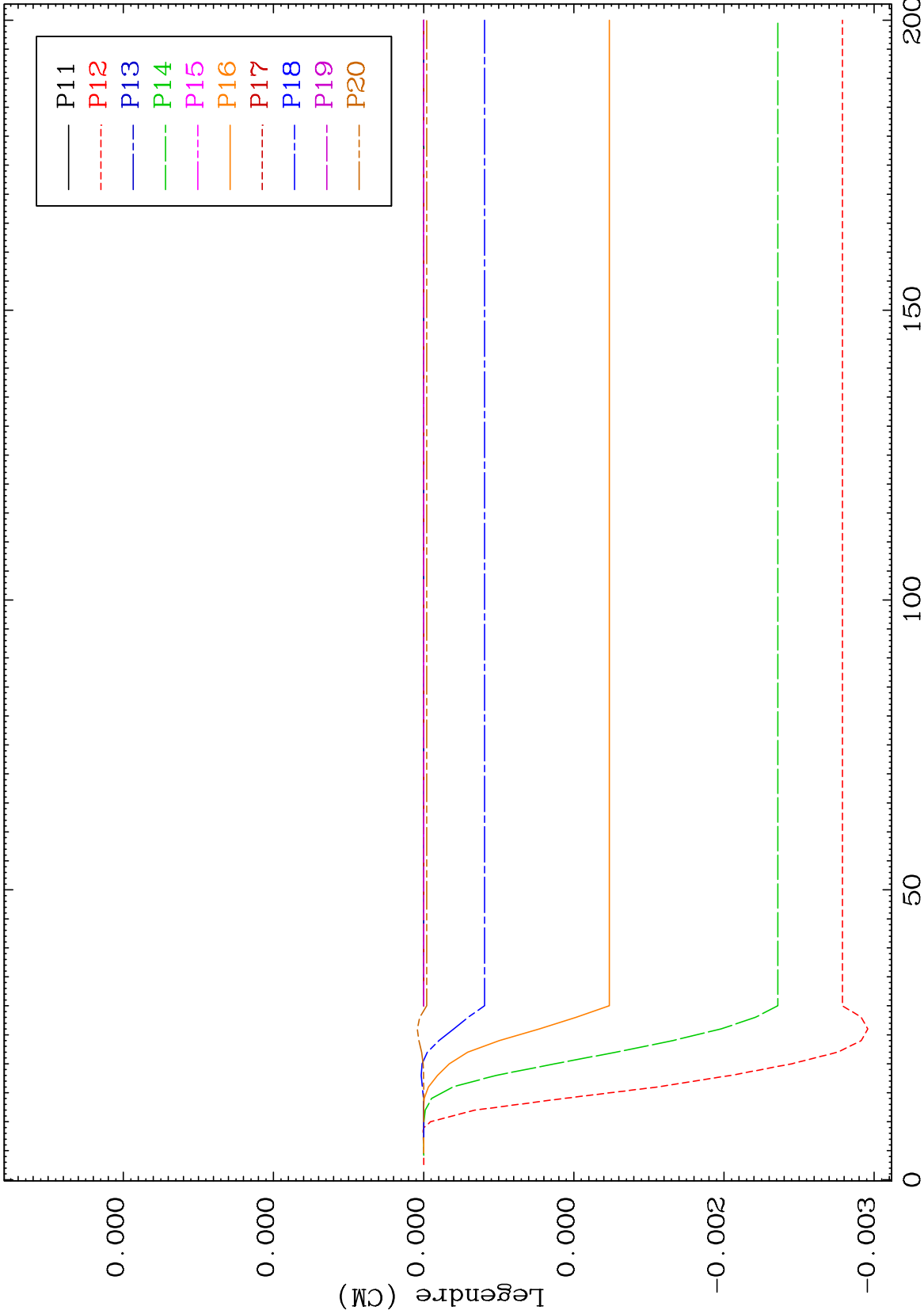
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



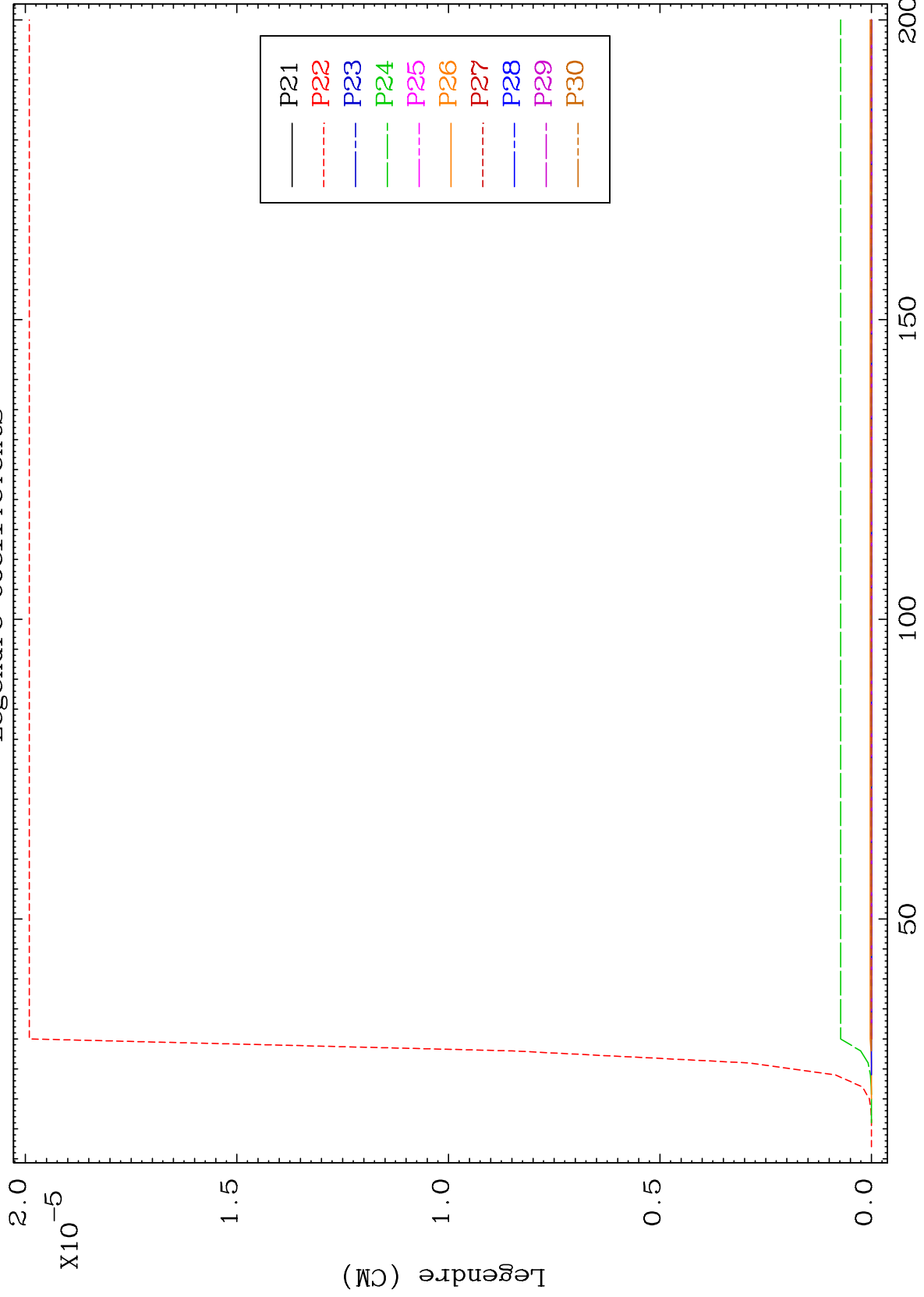
46

81-T1-206

MAT 8134

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

81-T1-206



81-T1-206

Incident Energy (MeV)

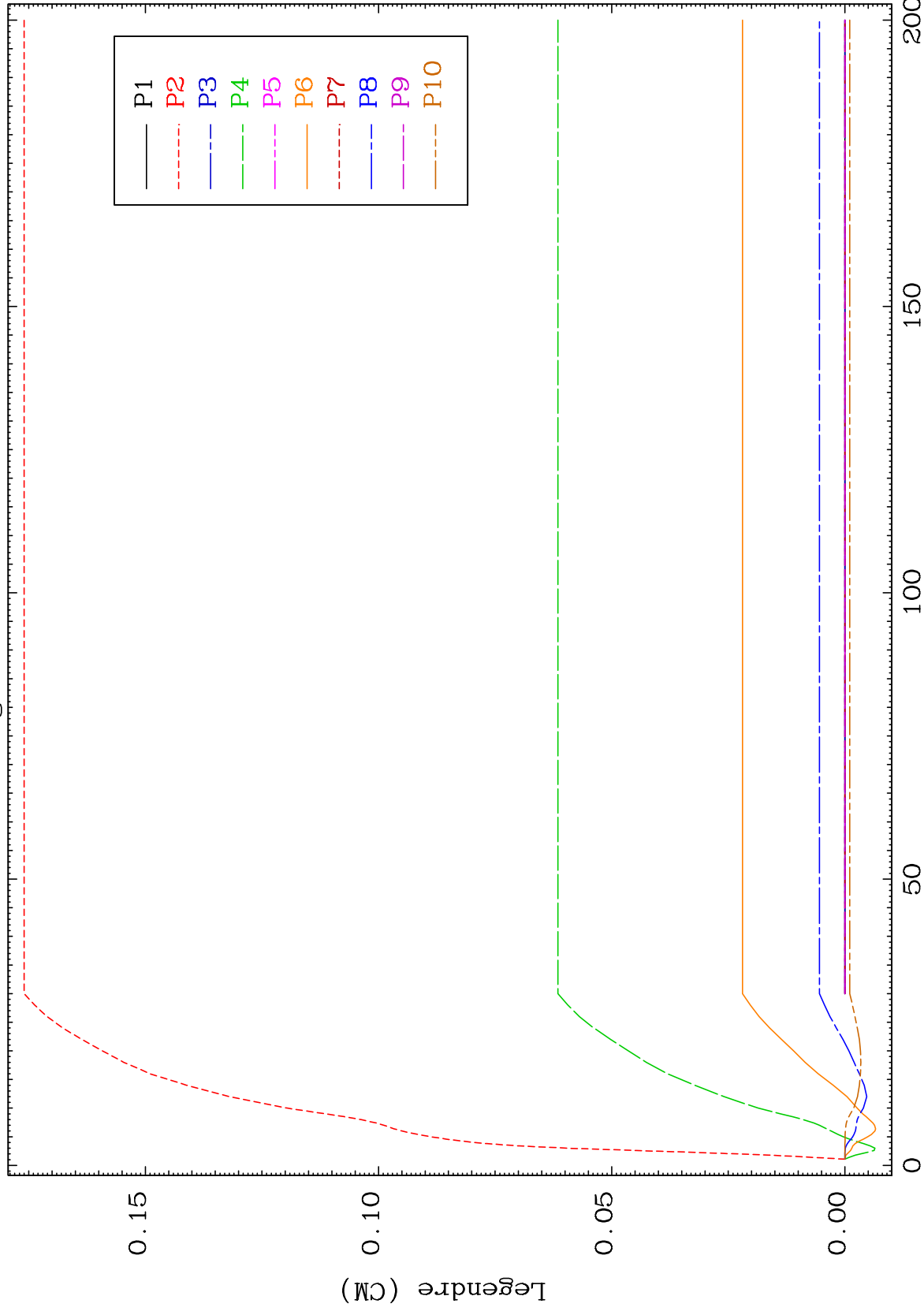
47



MAT 8134

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

81-T1-206



48

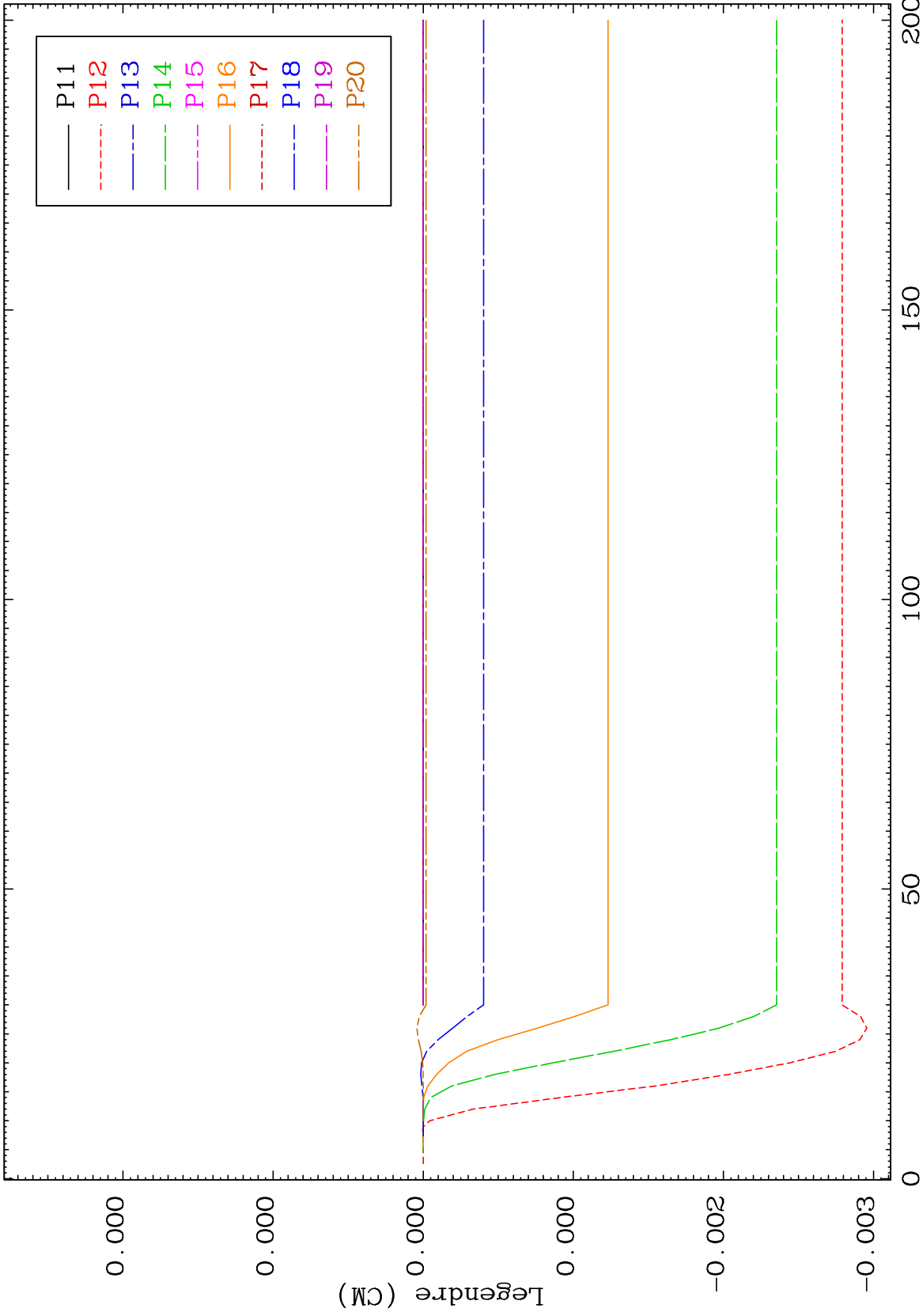
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



49

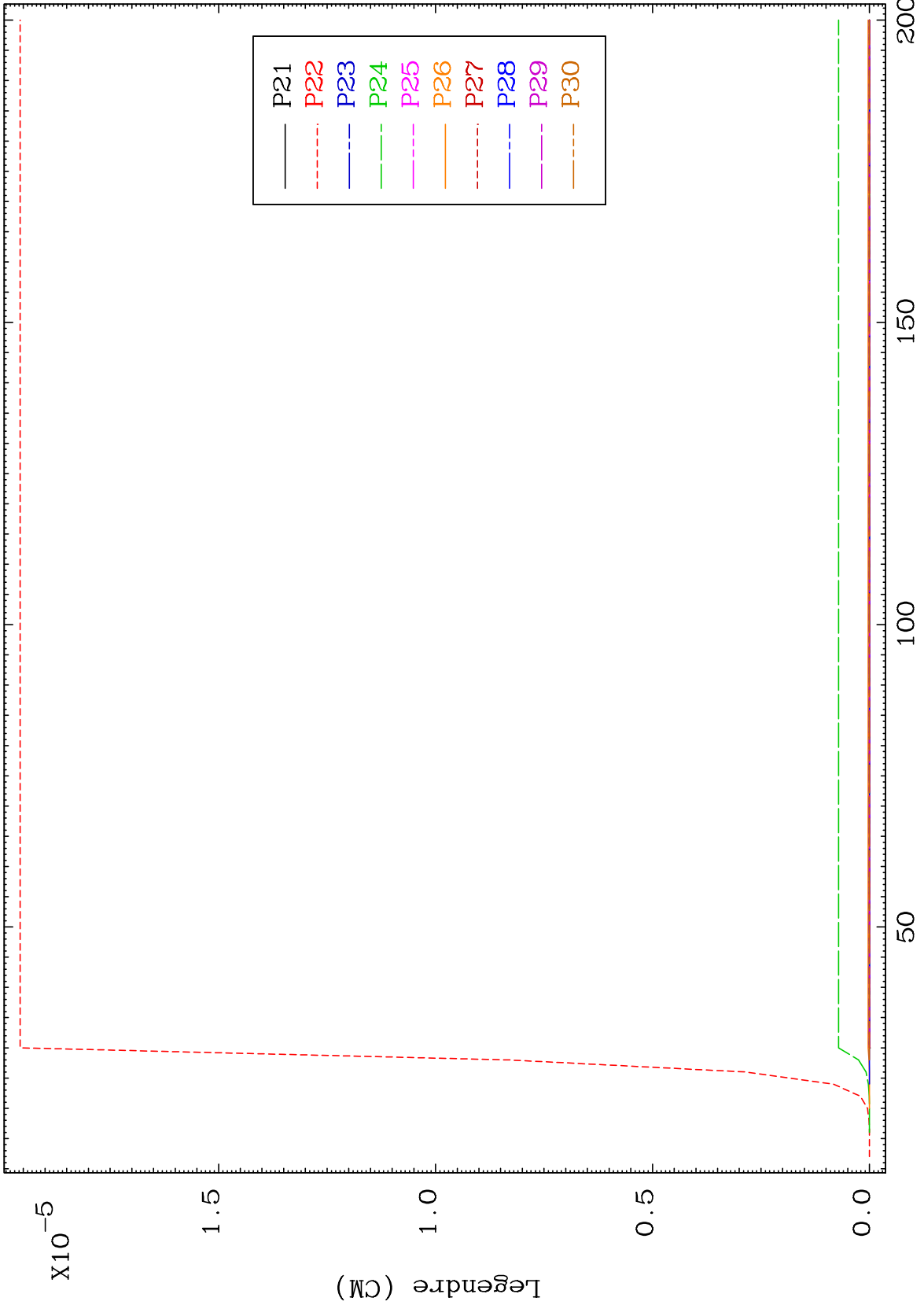
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



50

100

150

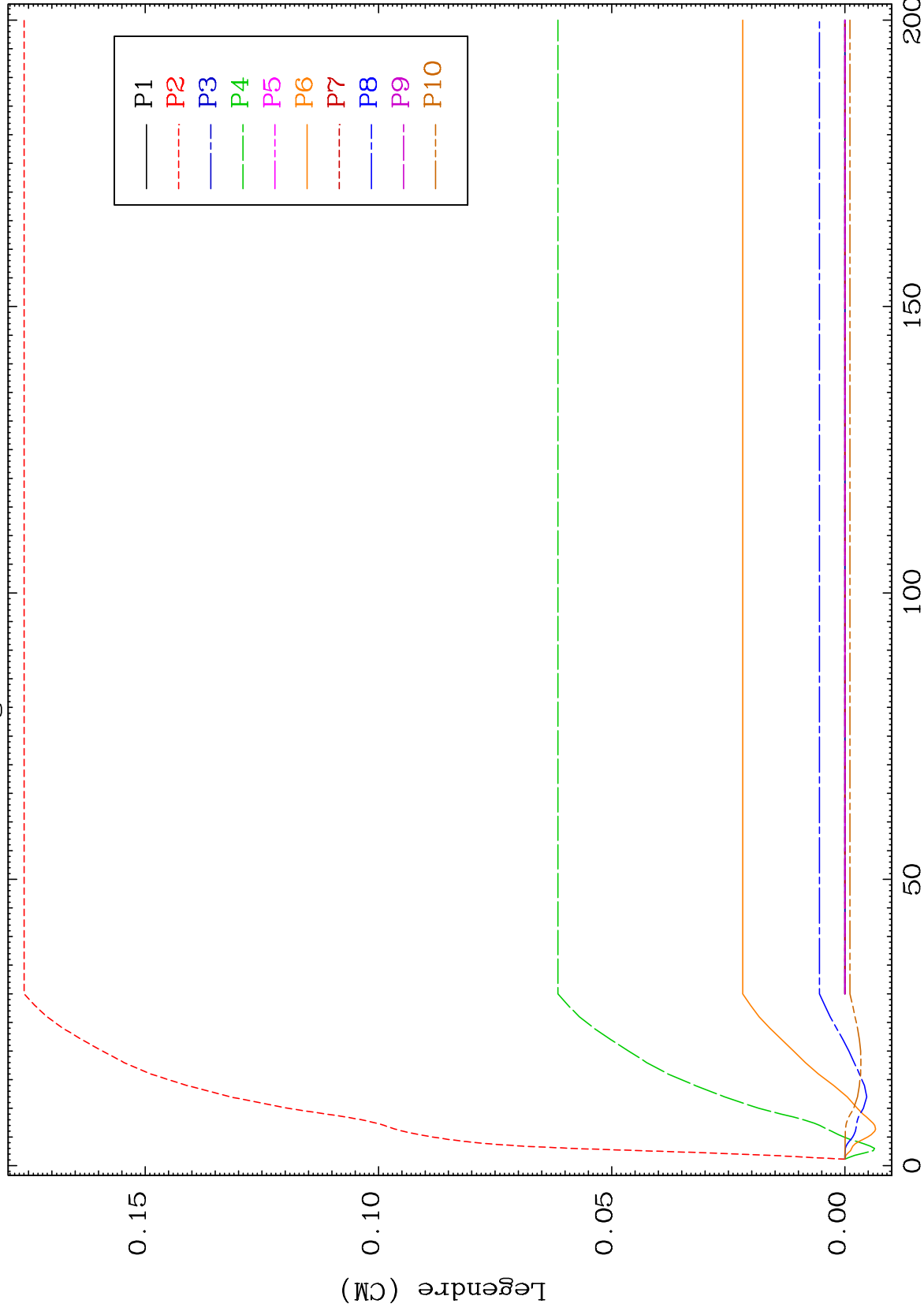
200

81-T1-206

MAT 8134

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

81-T1-206



51

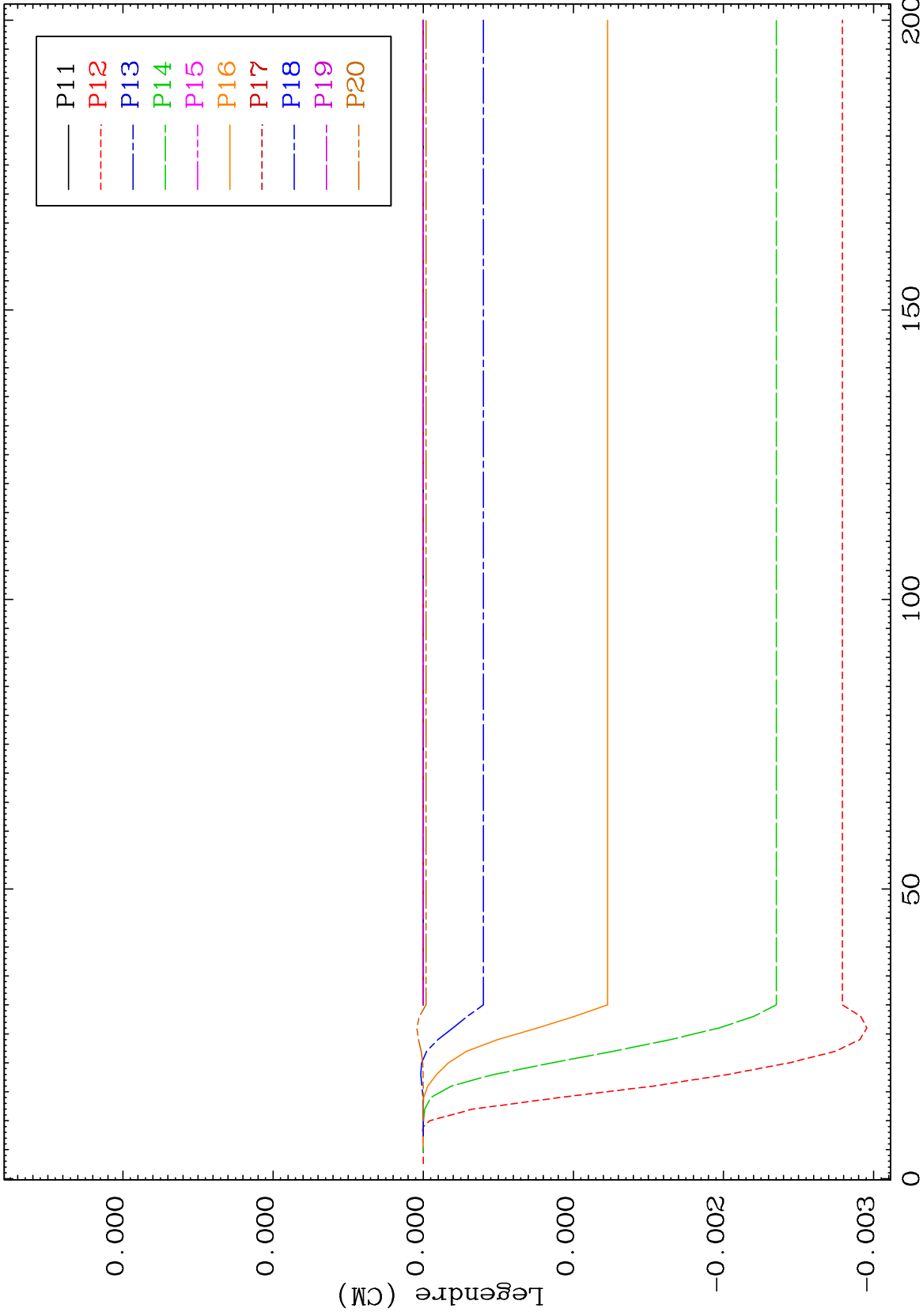
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



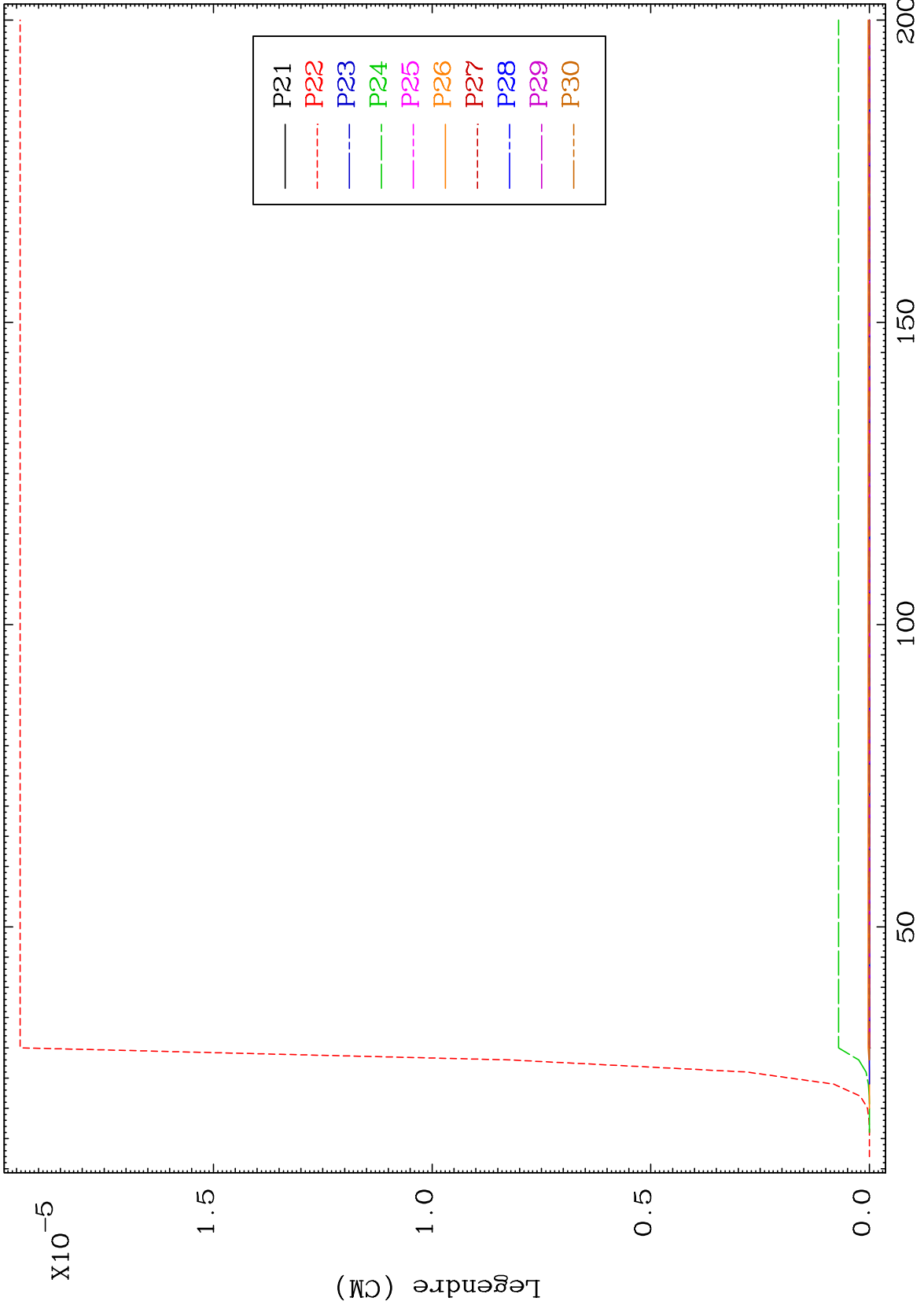
52

81-T1-206

MAT 8134

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

81-T1-206



53

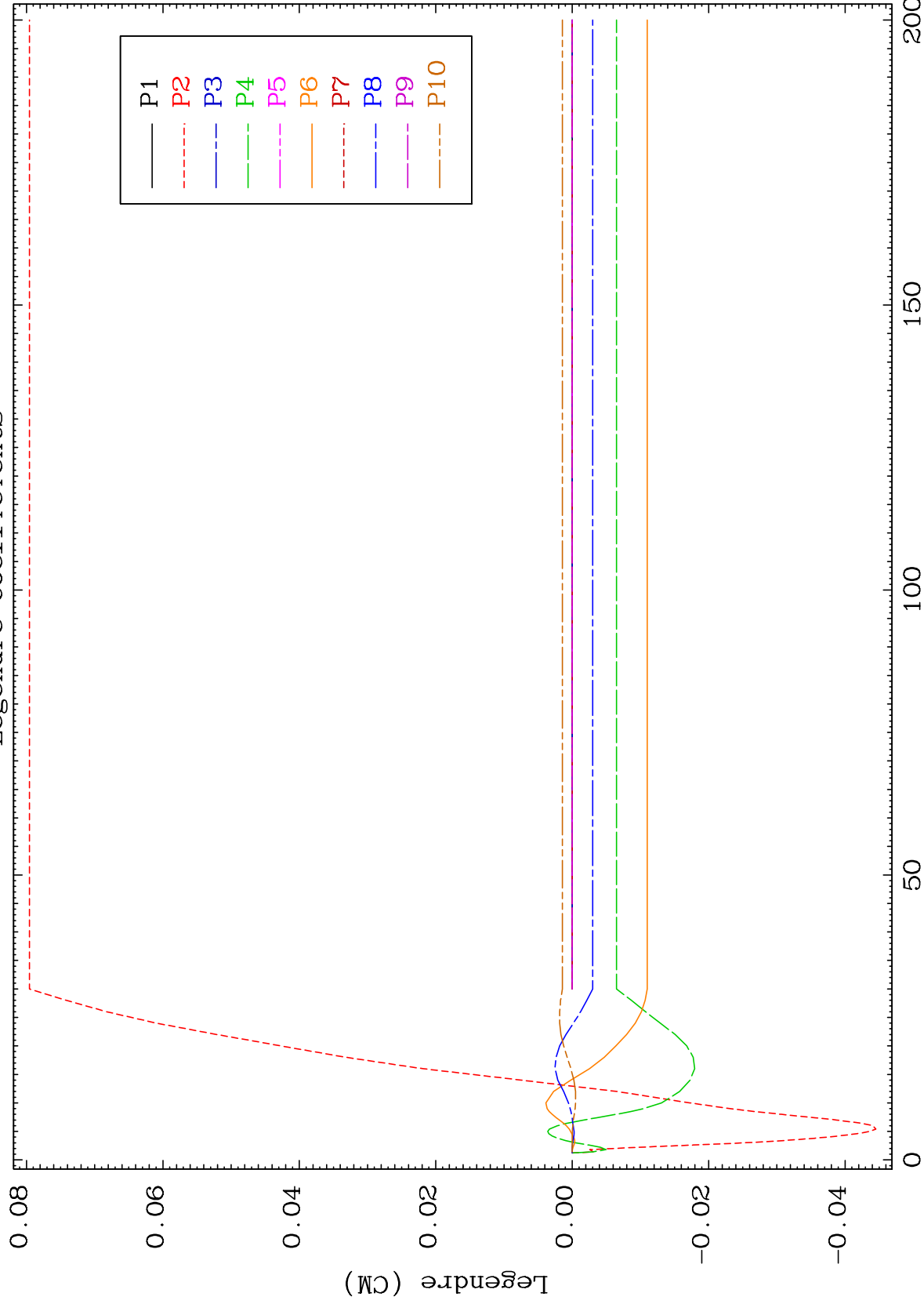
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



54

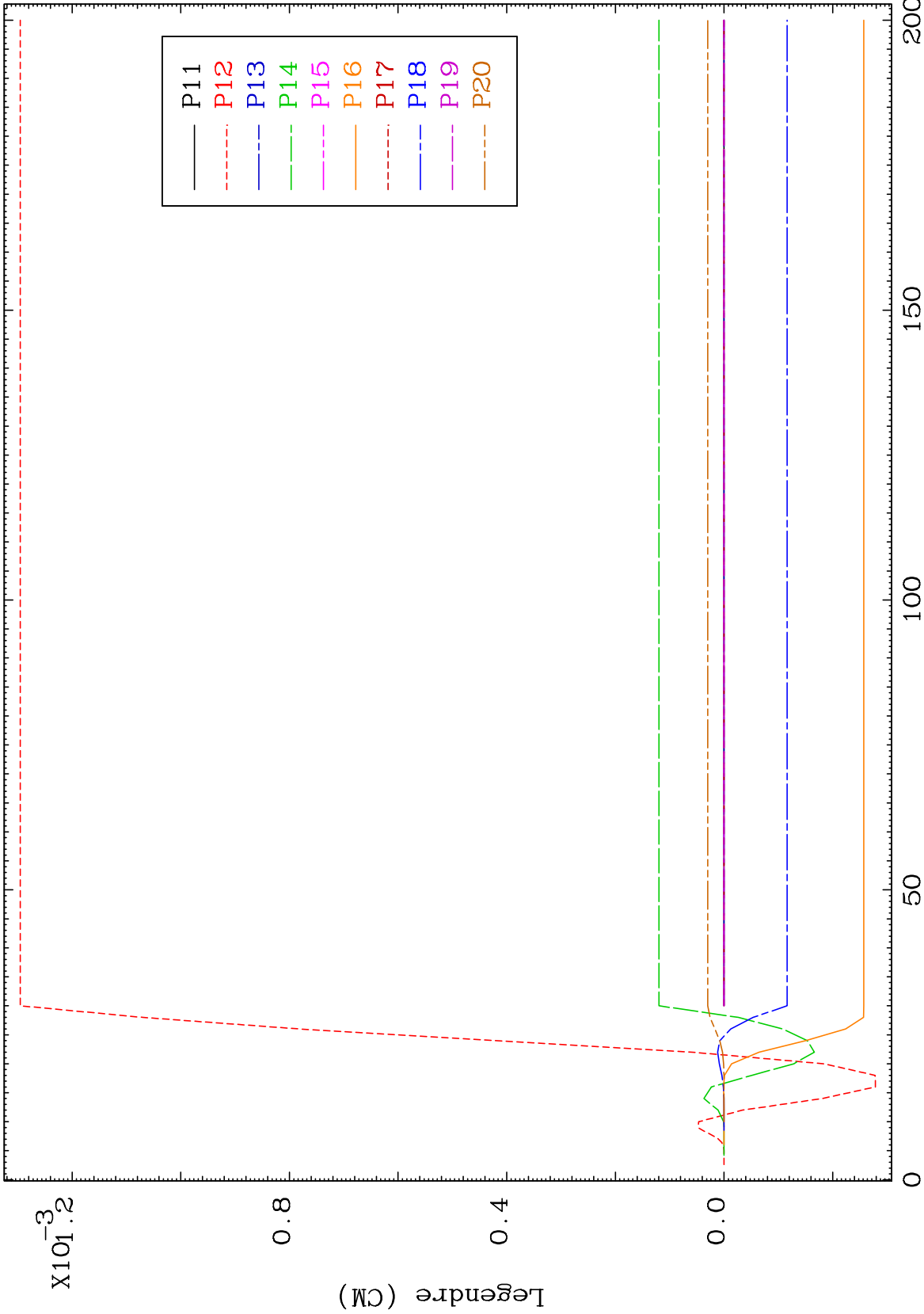
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



55

Incident Energy (MeV)

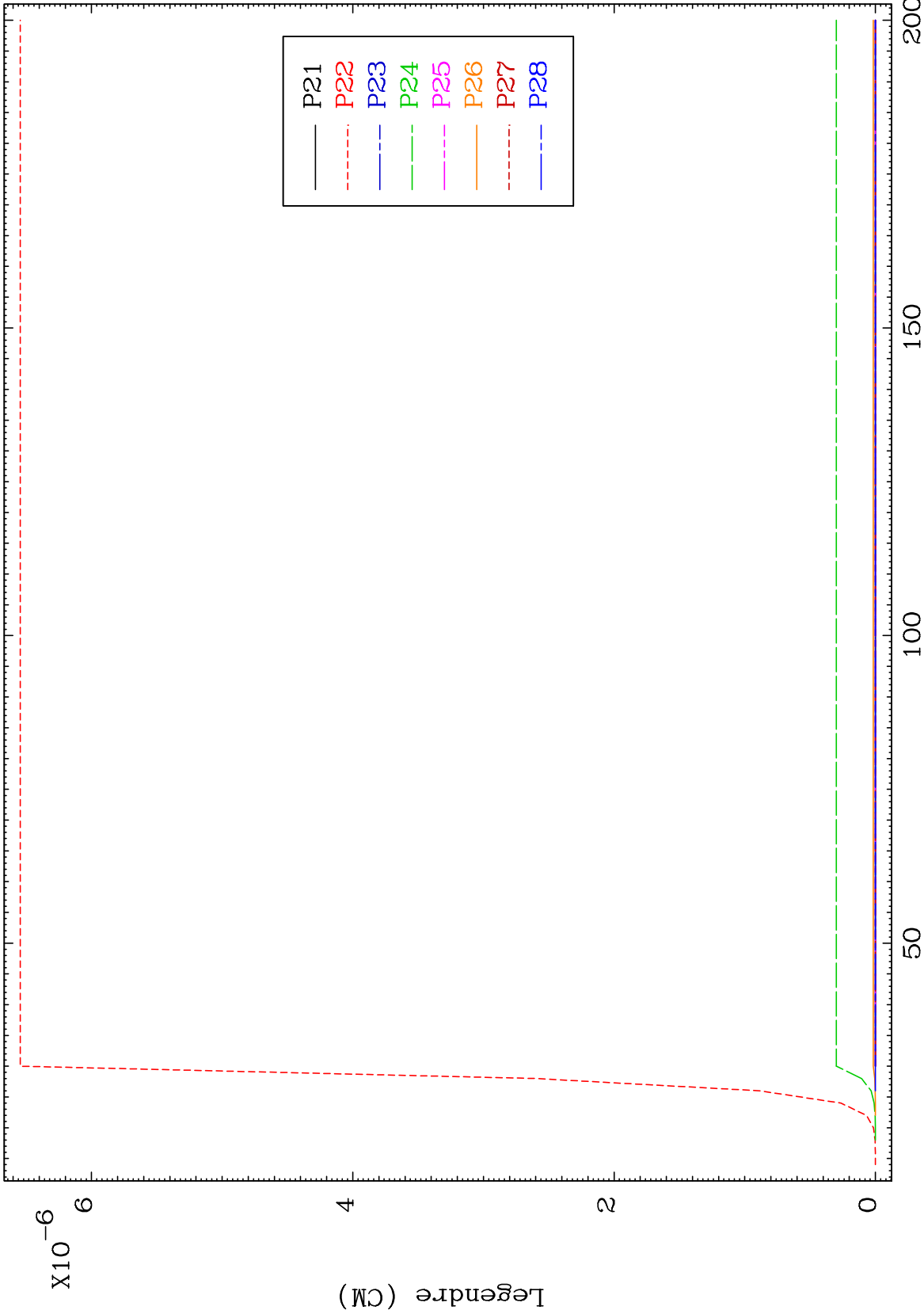
81-T1-206



MAT 8134

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

81-T1-206



56

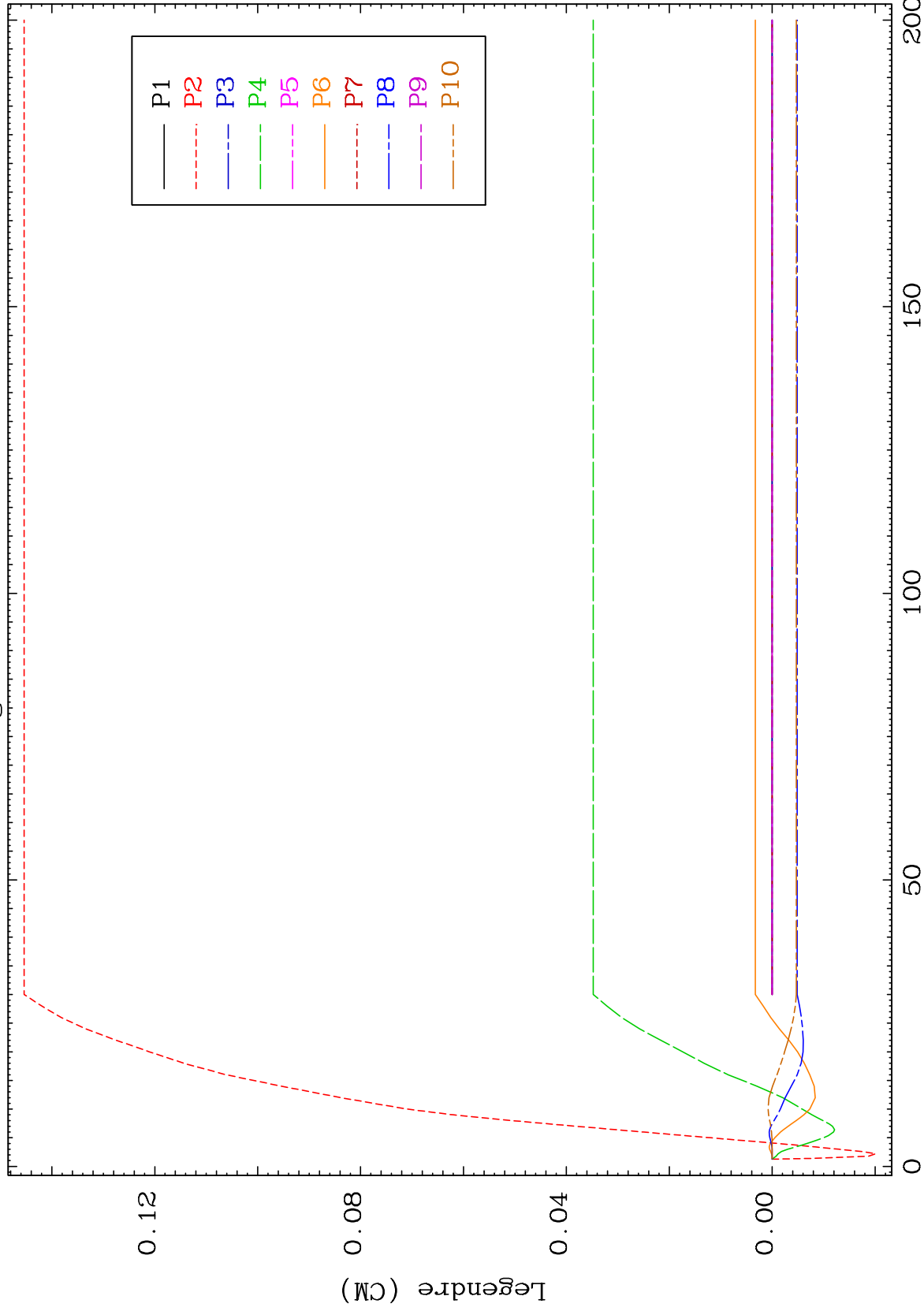
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



57

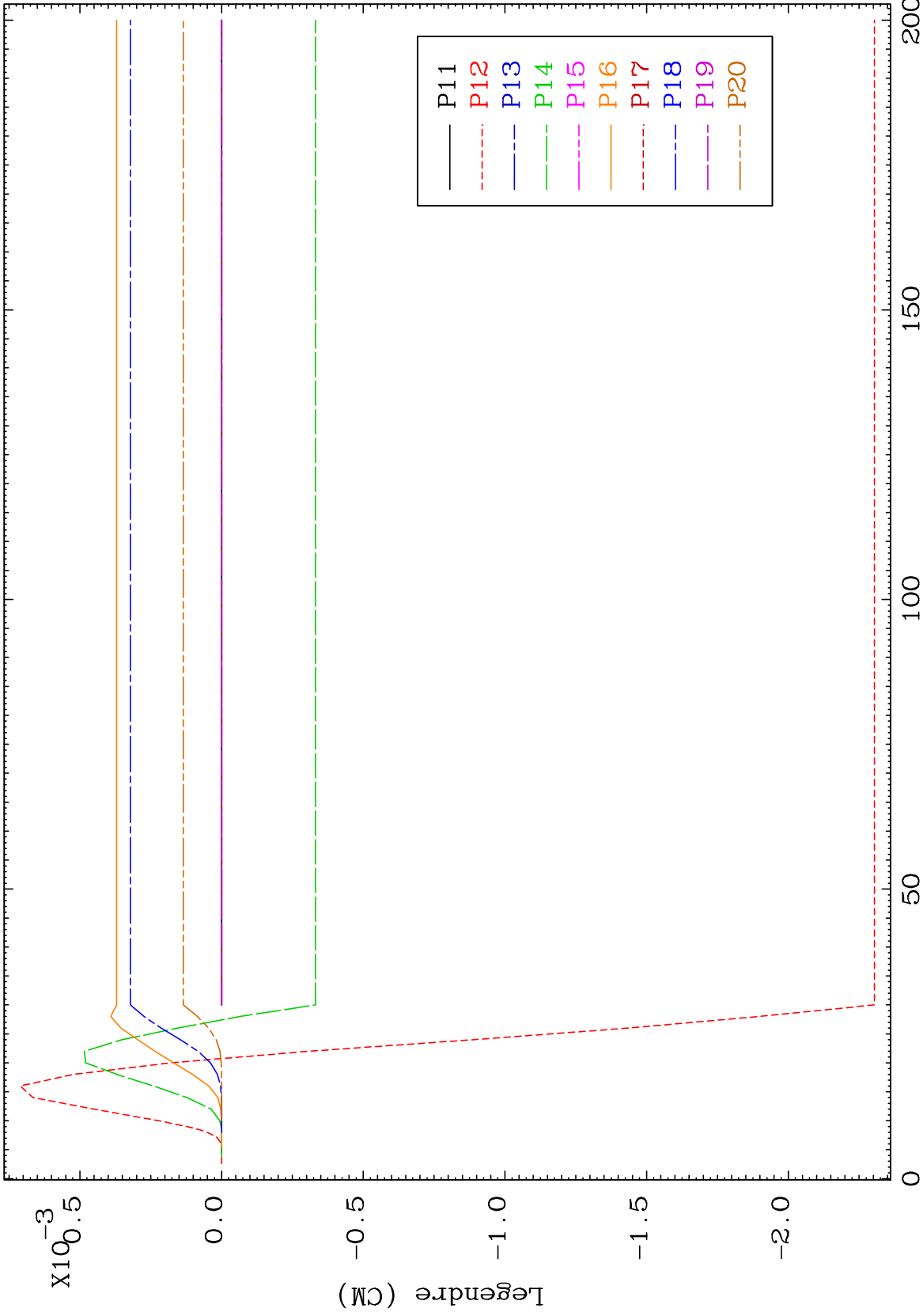
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



58

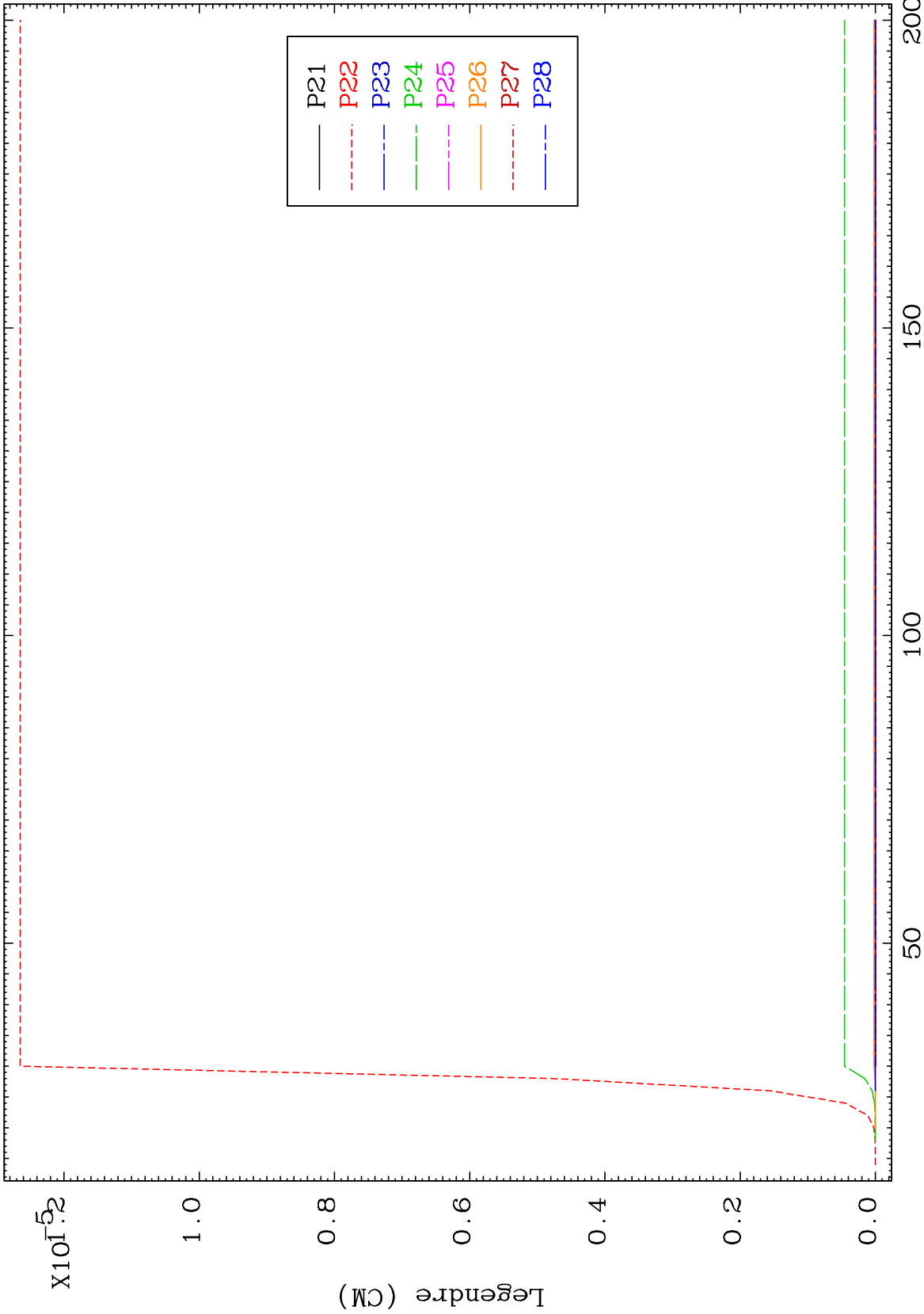
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



59

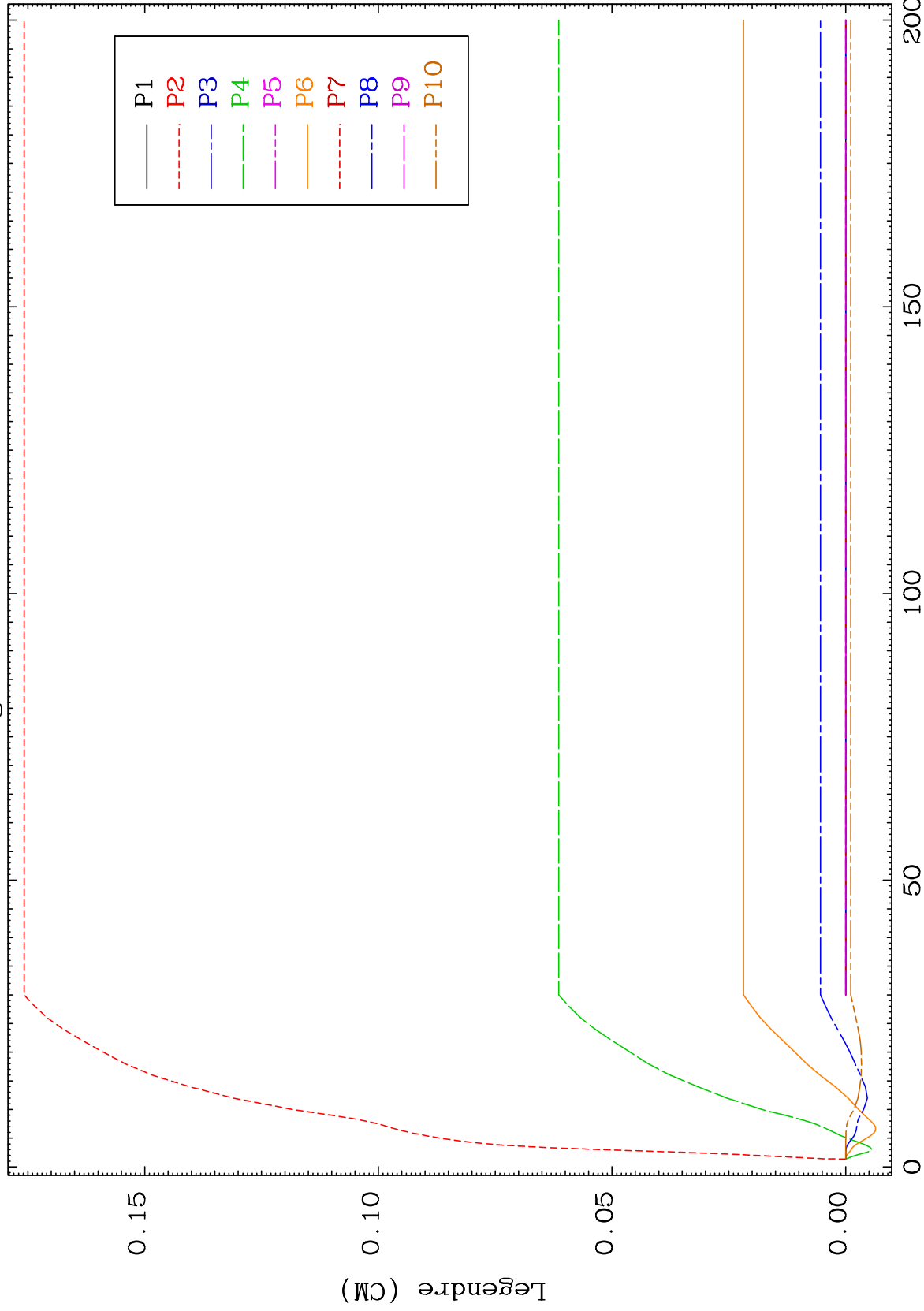
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



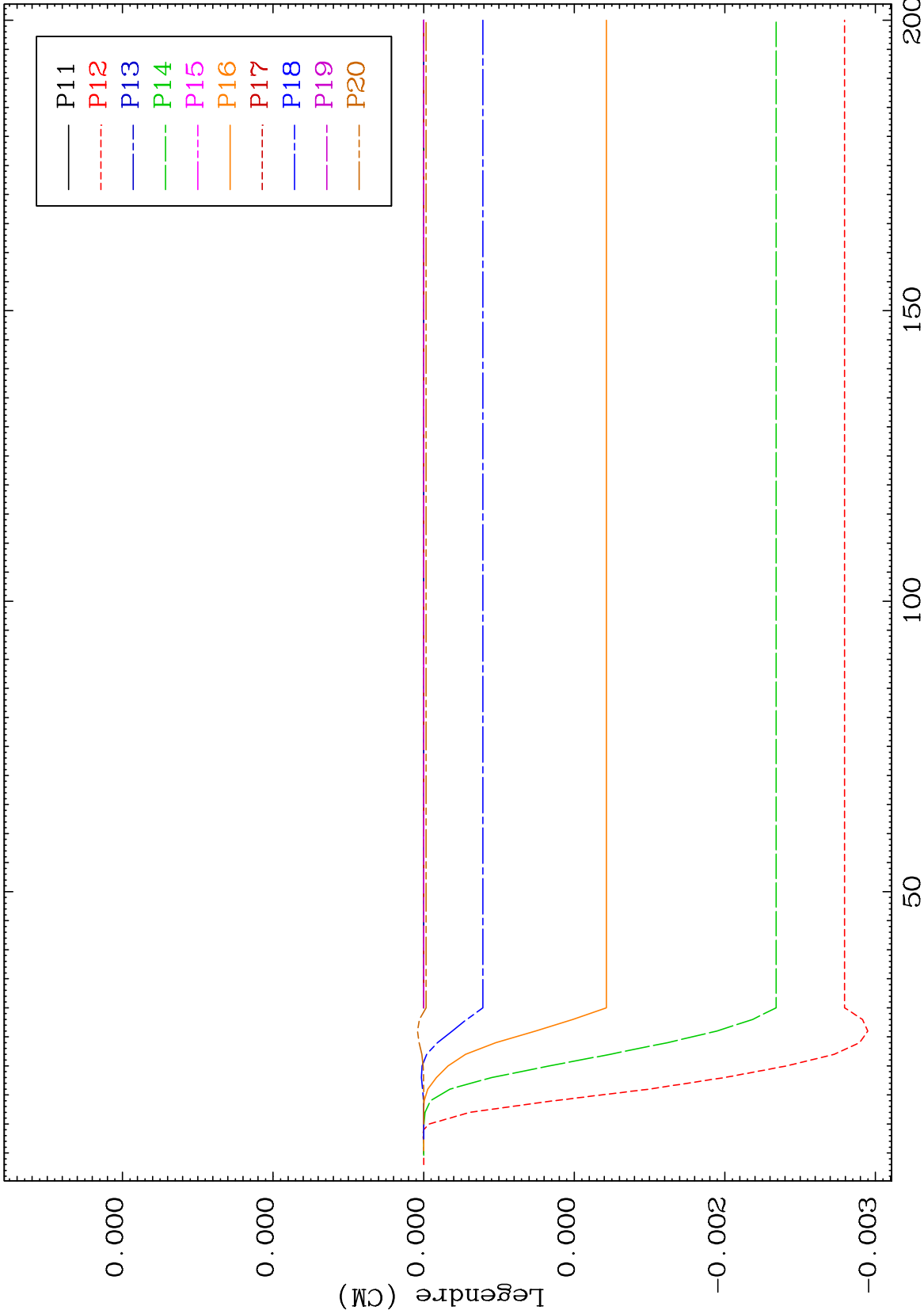
81-T1-206

Incident Energy (MeV)

MAT 8134

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

81-T1-206



61

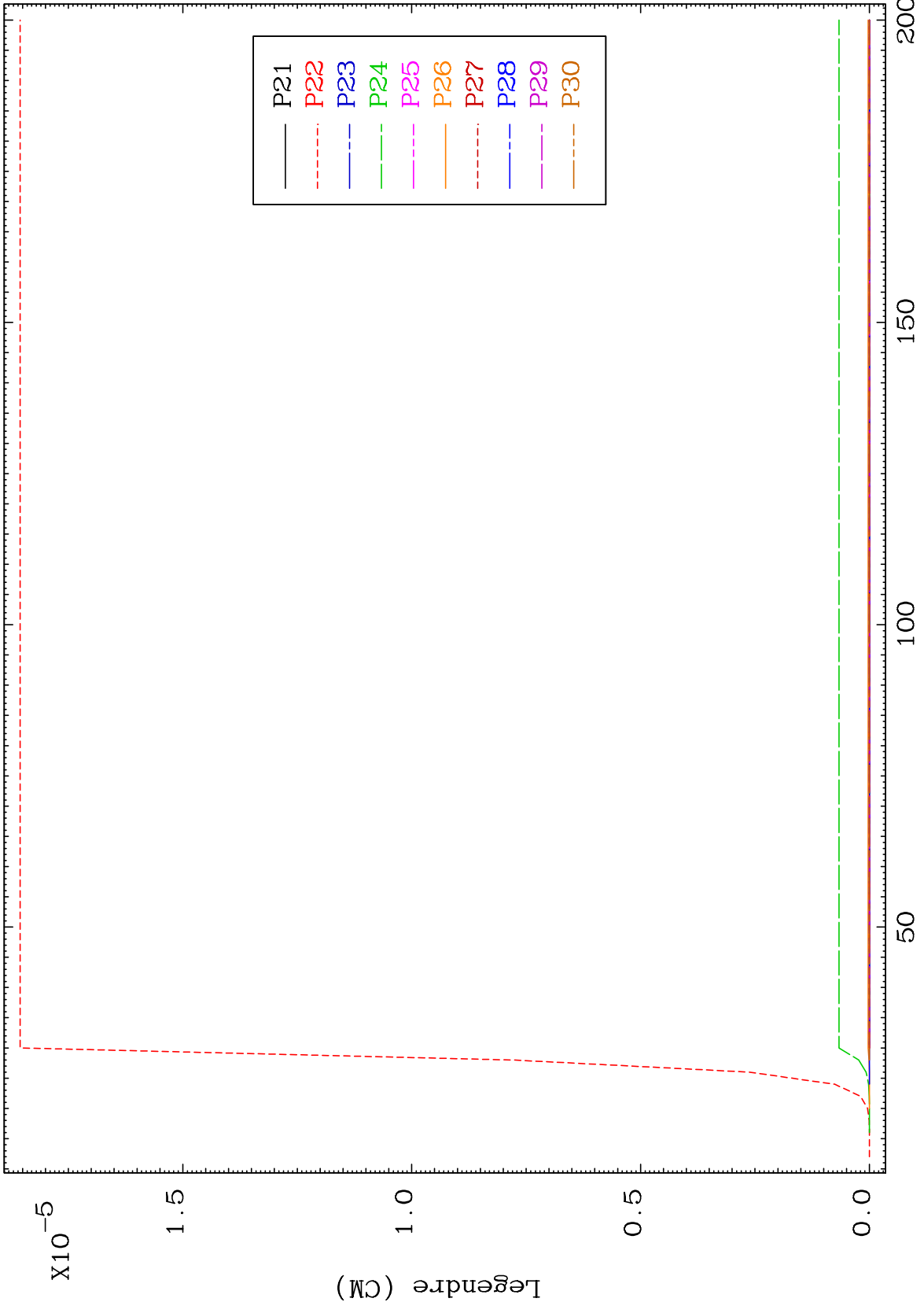
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



62

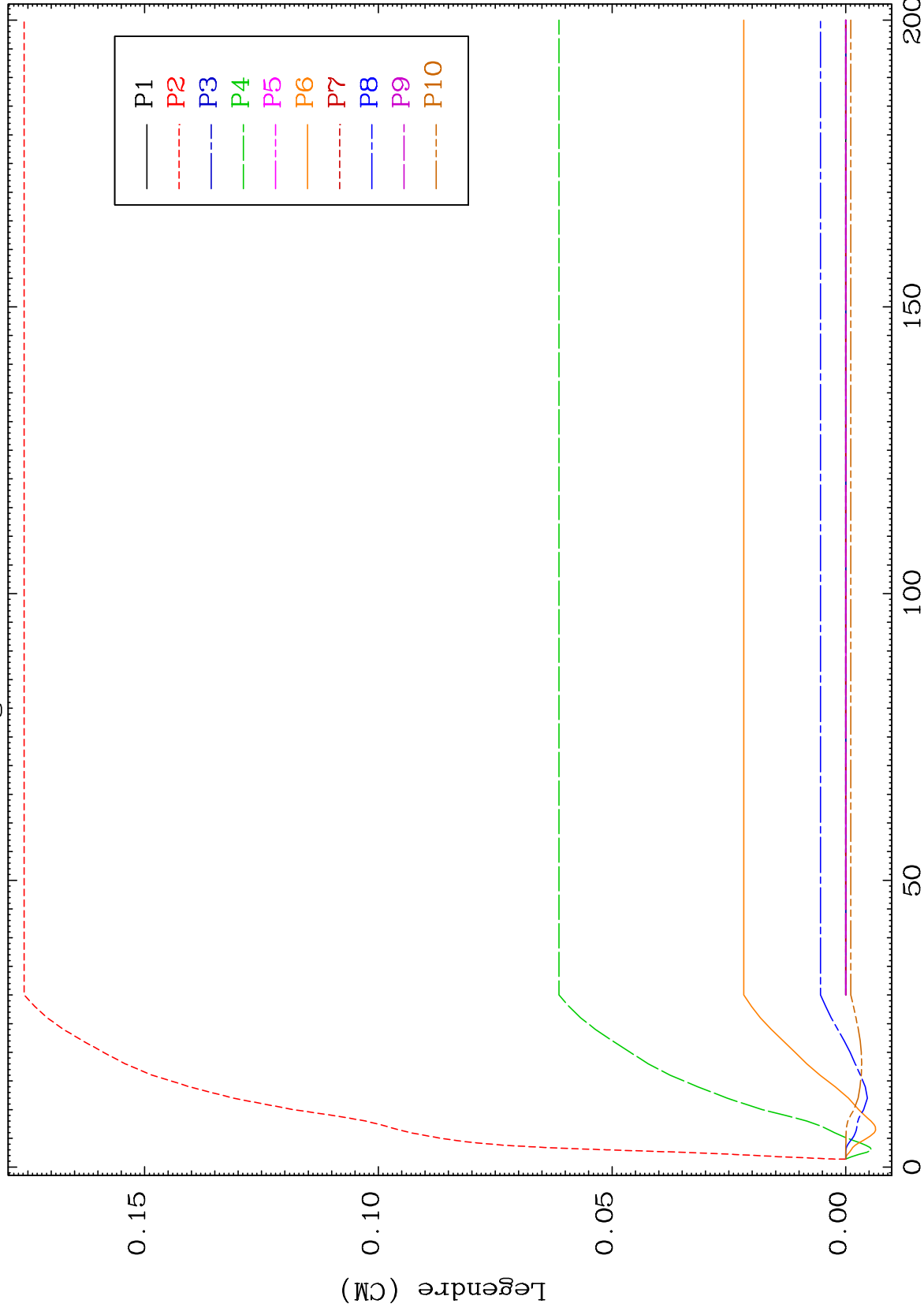
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



63

Incident Energy (MeV)

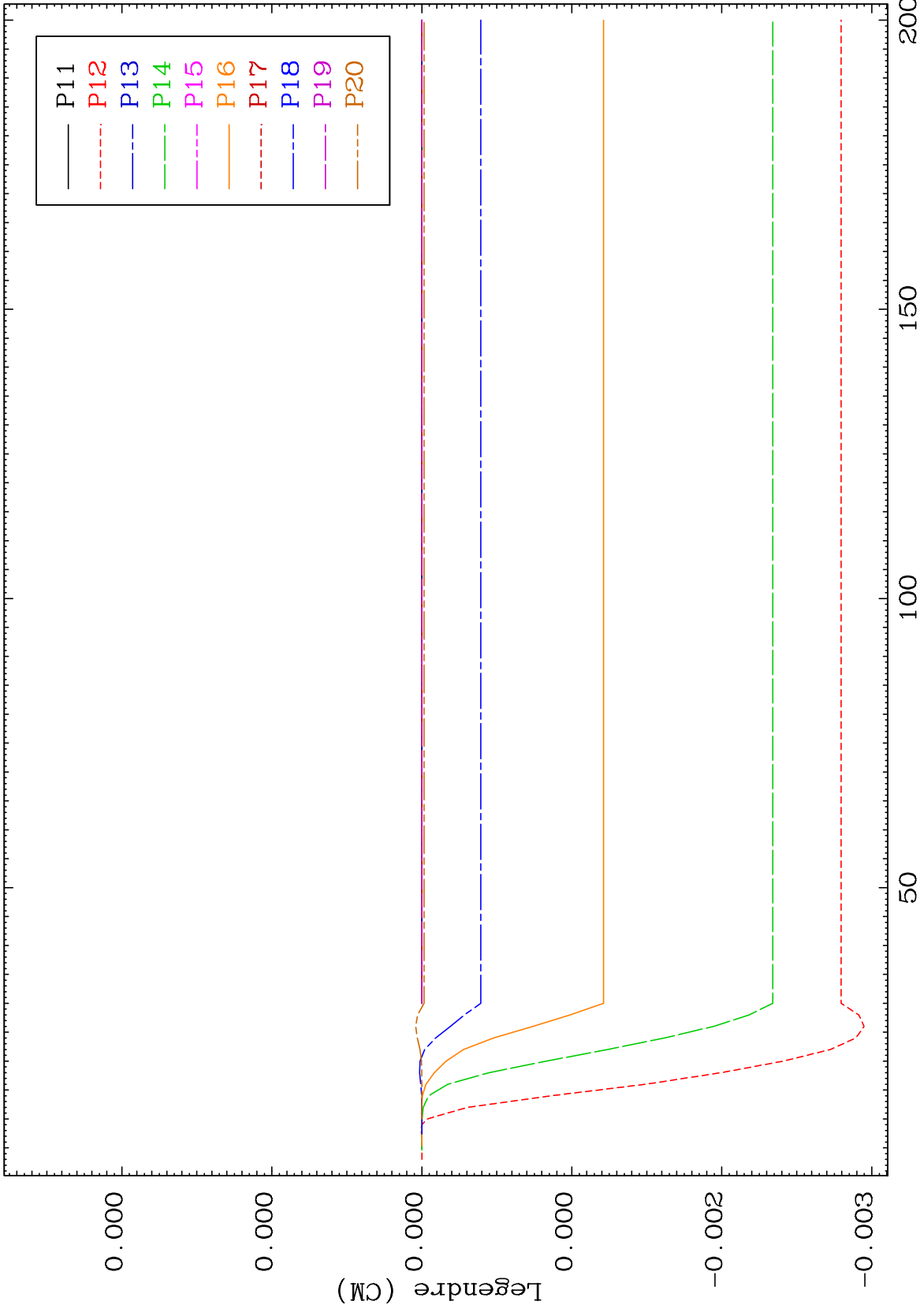
81-T1-206



MAT 8134

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

81-T1-206



64

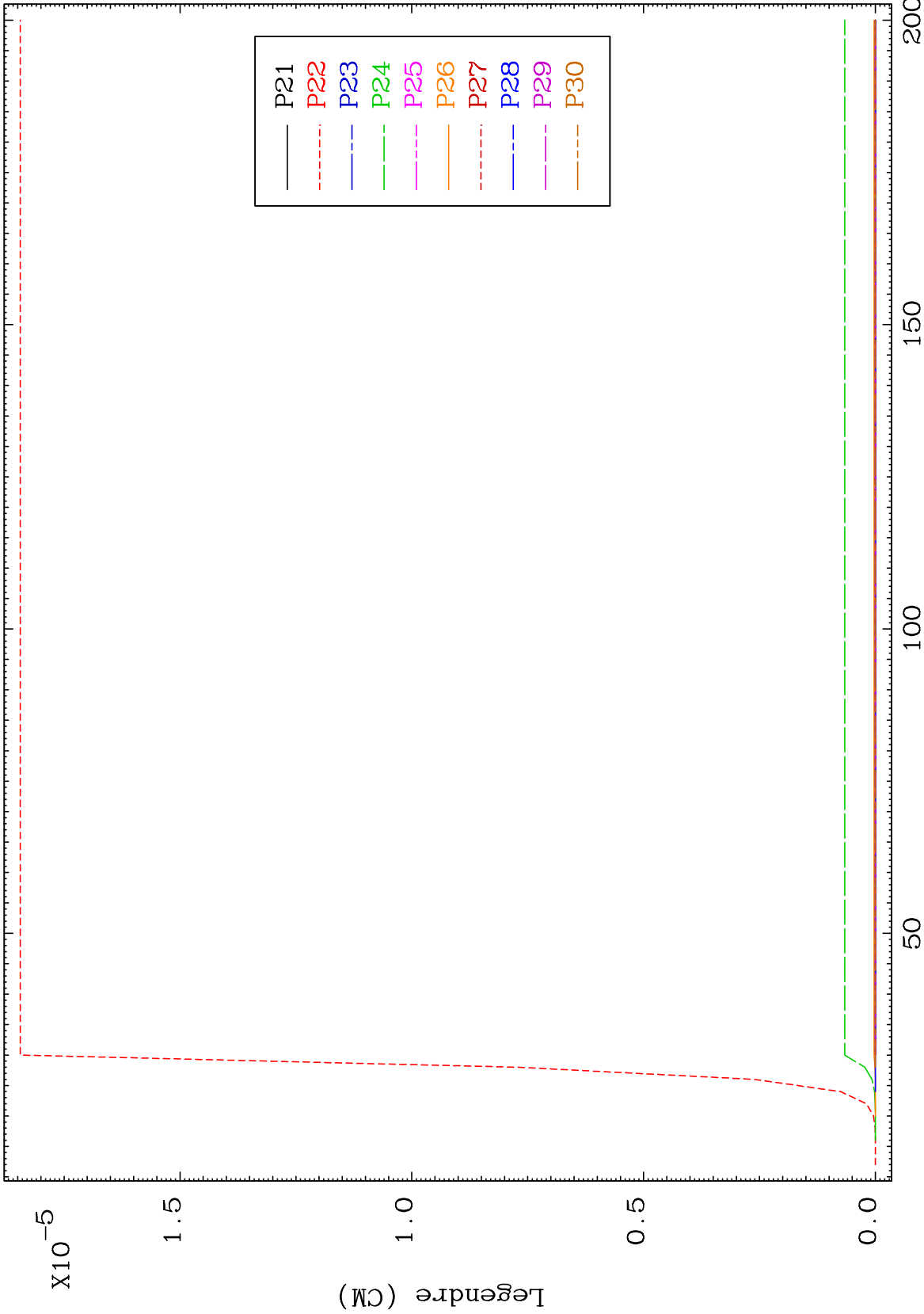
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



65

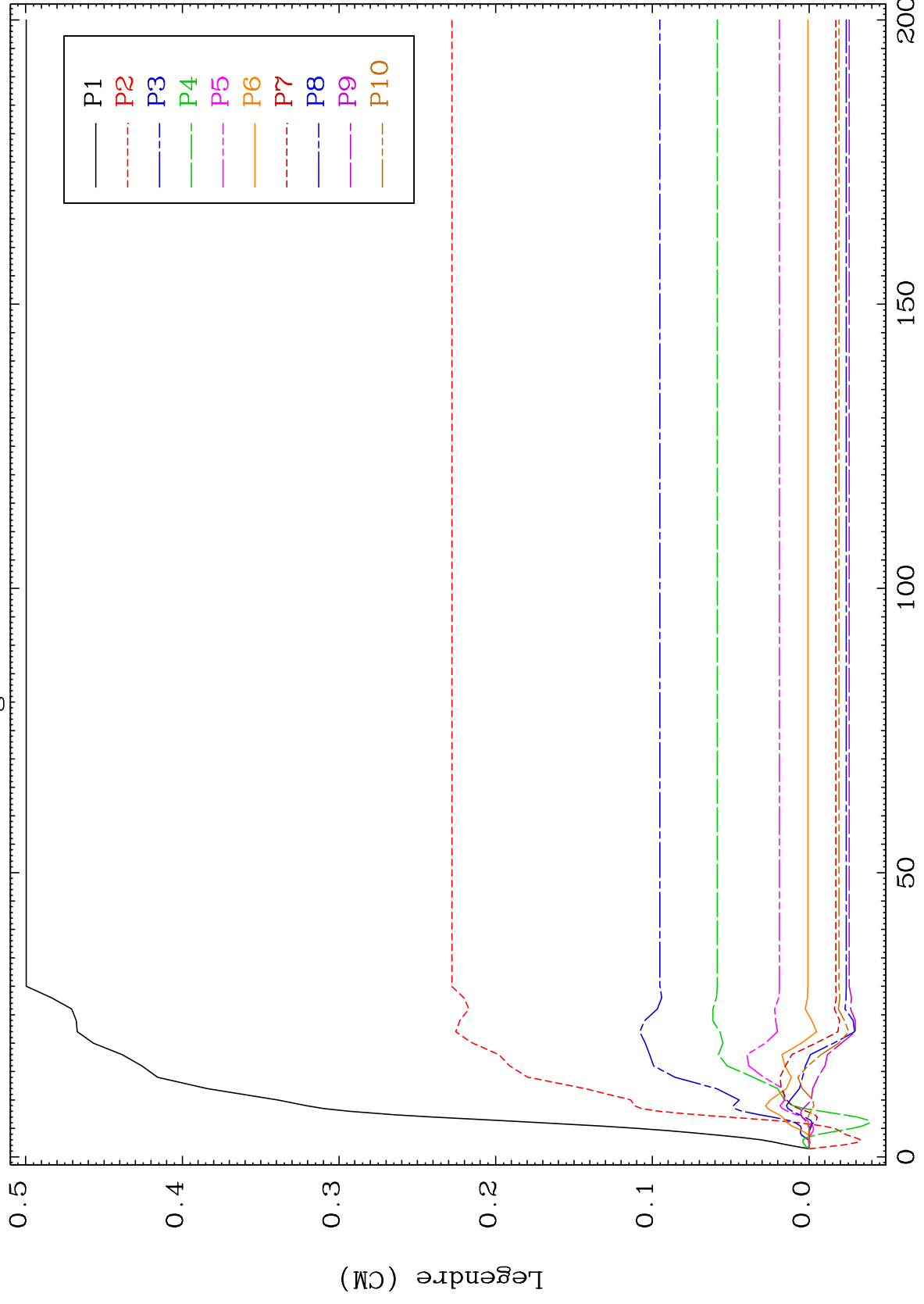
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



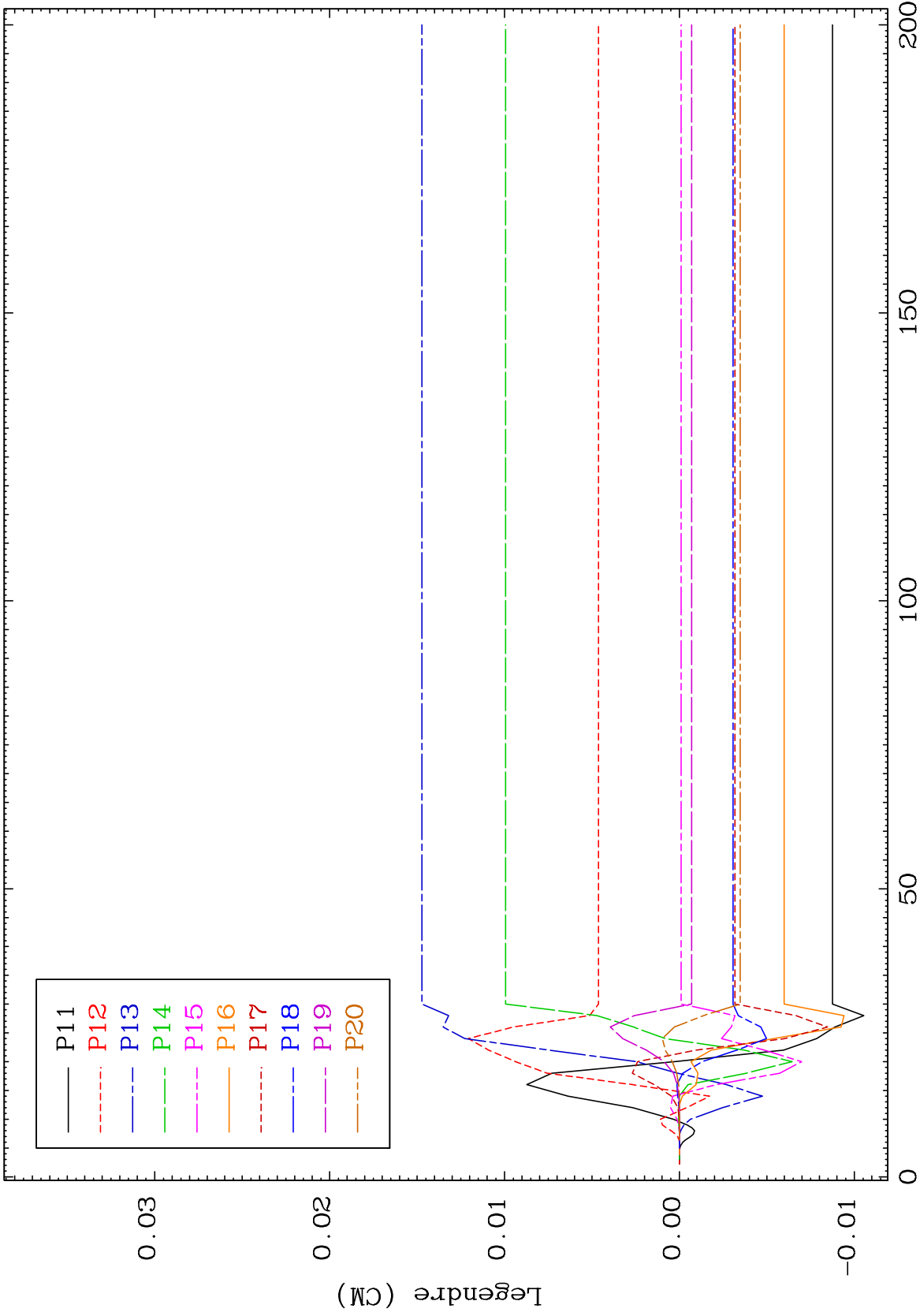
66

81-T1-206

MAT 8134

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

81-T1-206



67

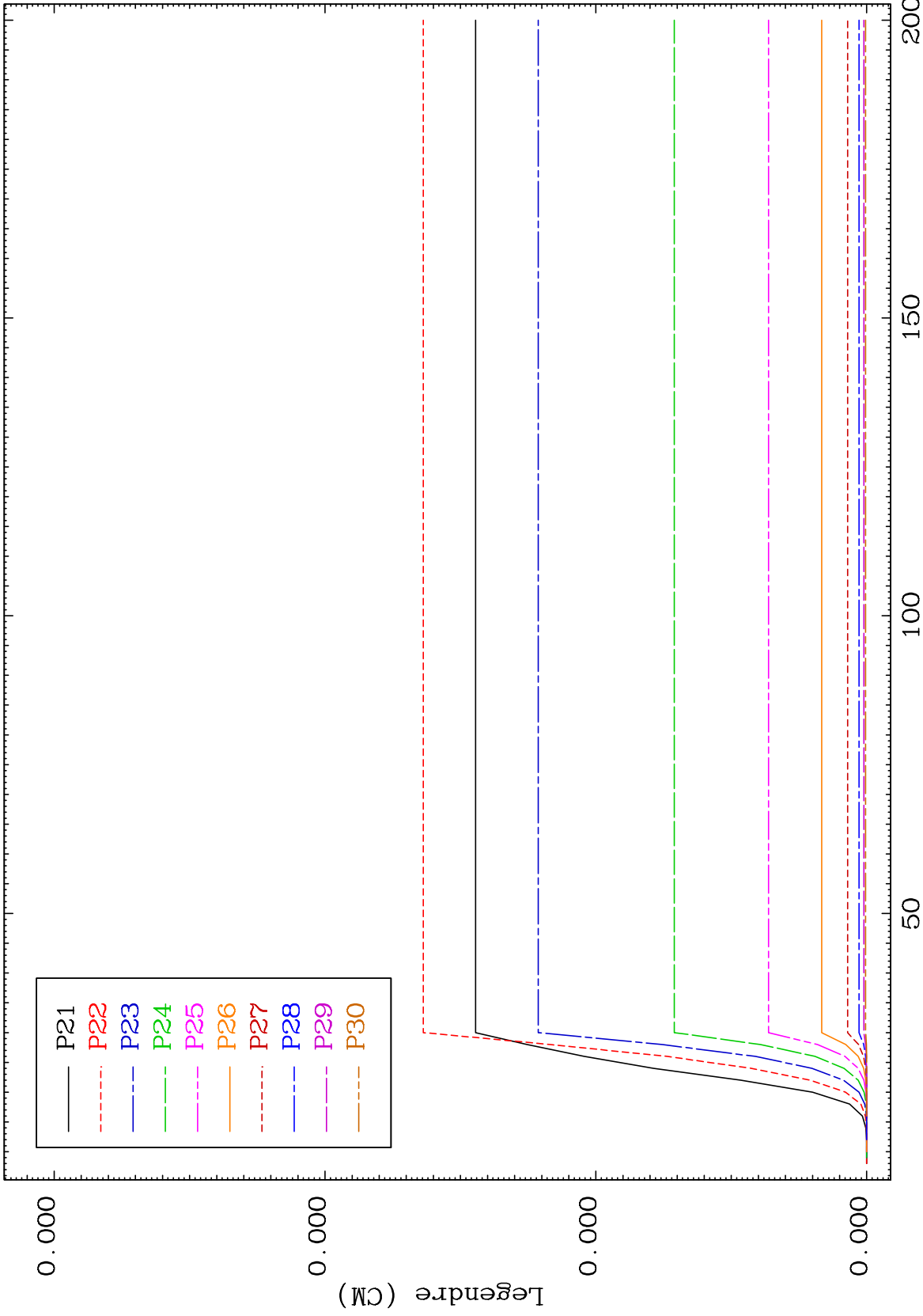
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



68

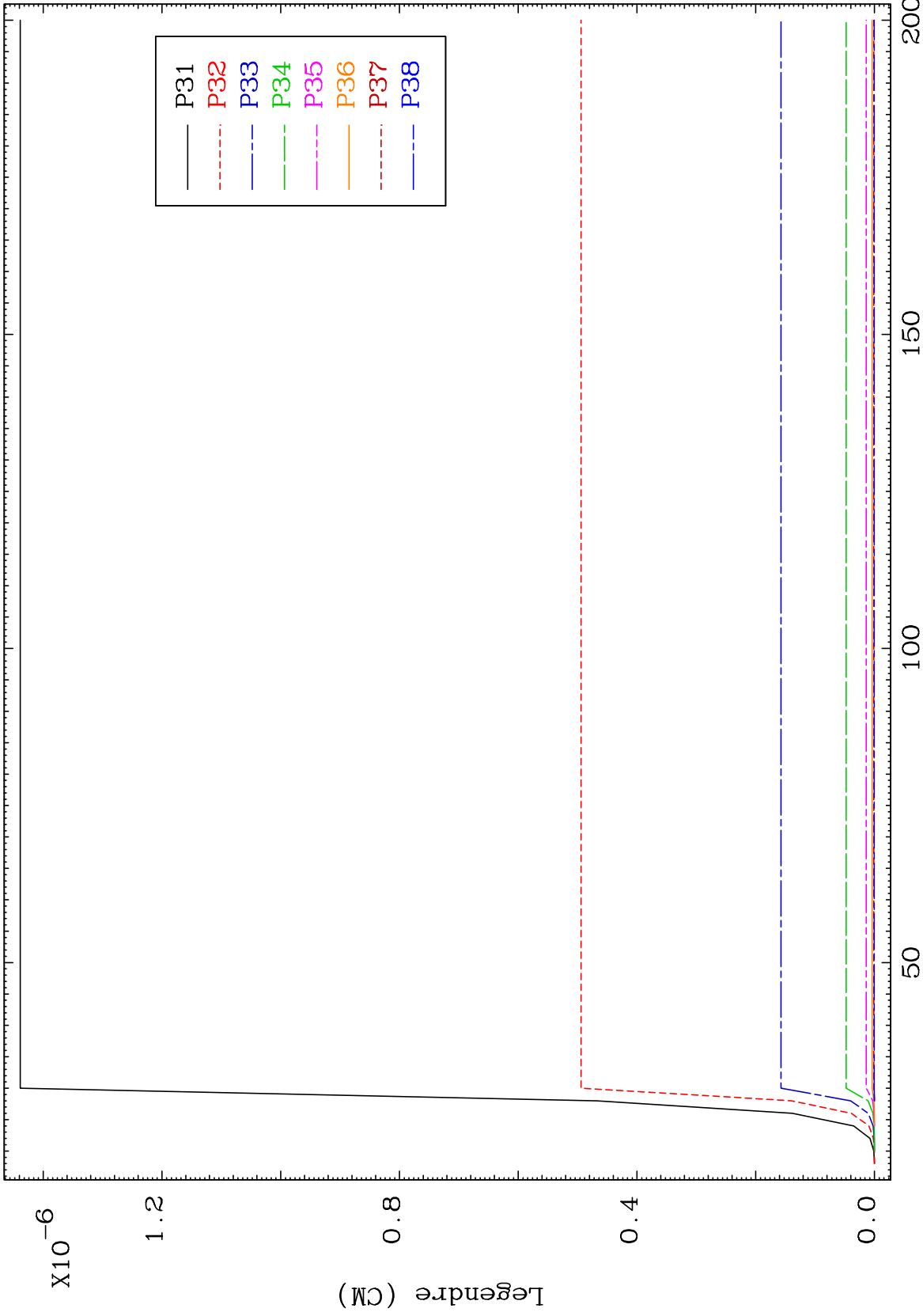
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



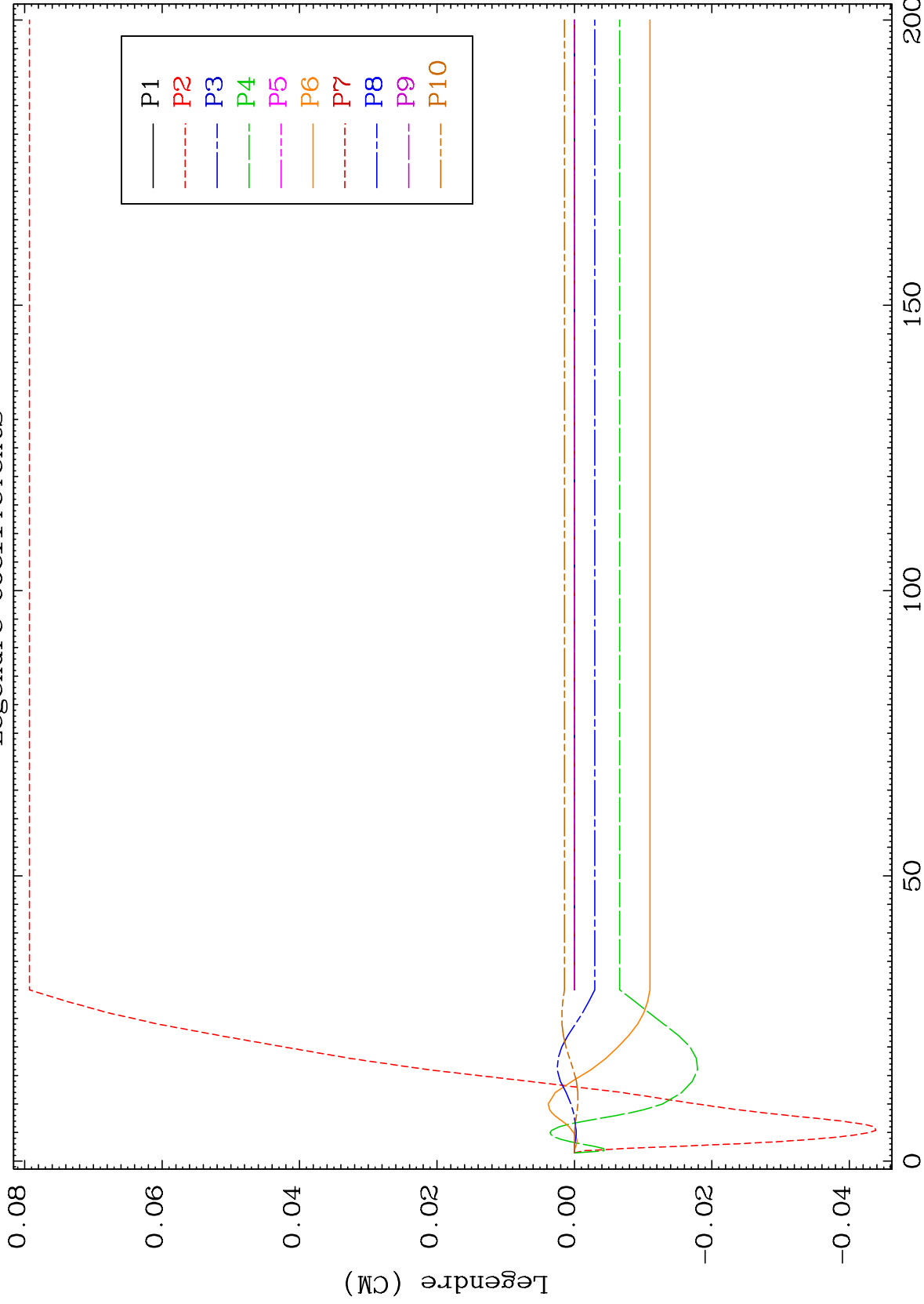
69

81-T1-206

MAT 8134

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

81-T1-206



70

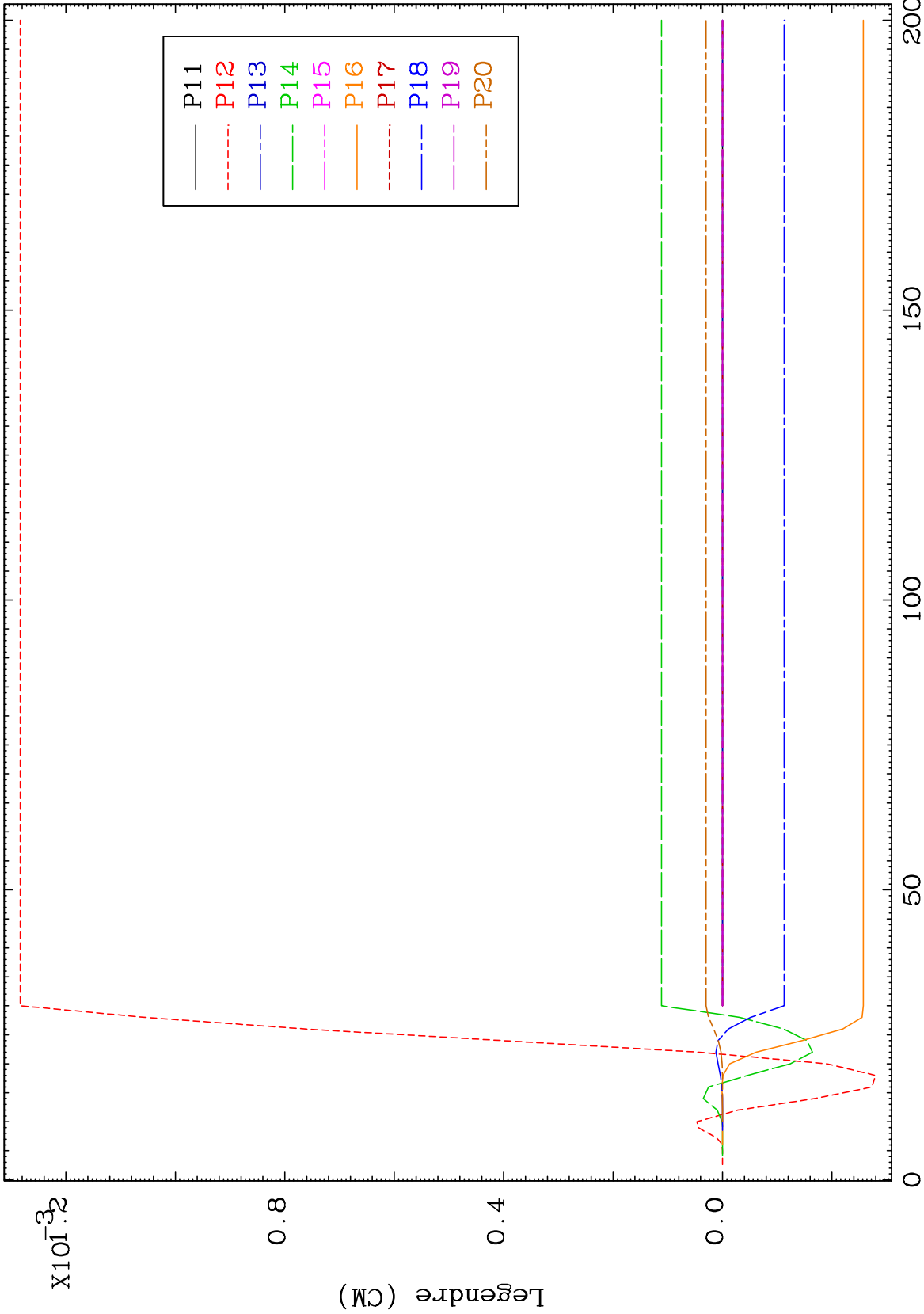
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



71

Incident Energy (MeV)

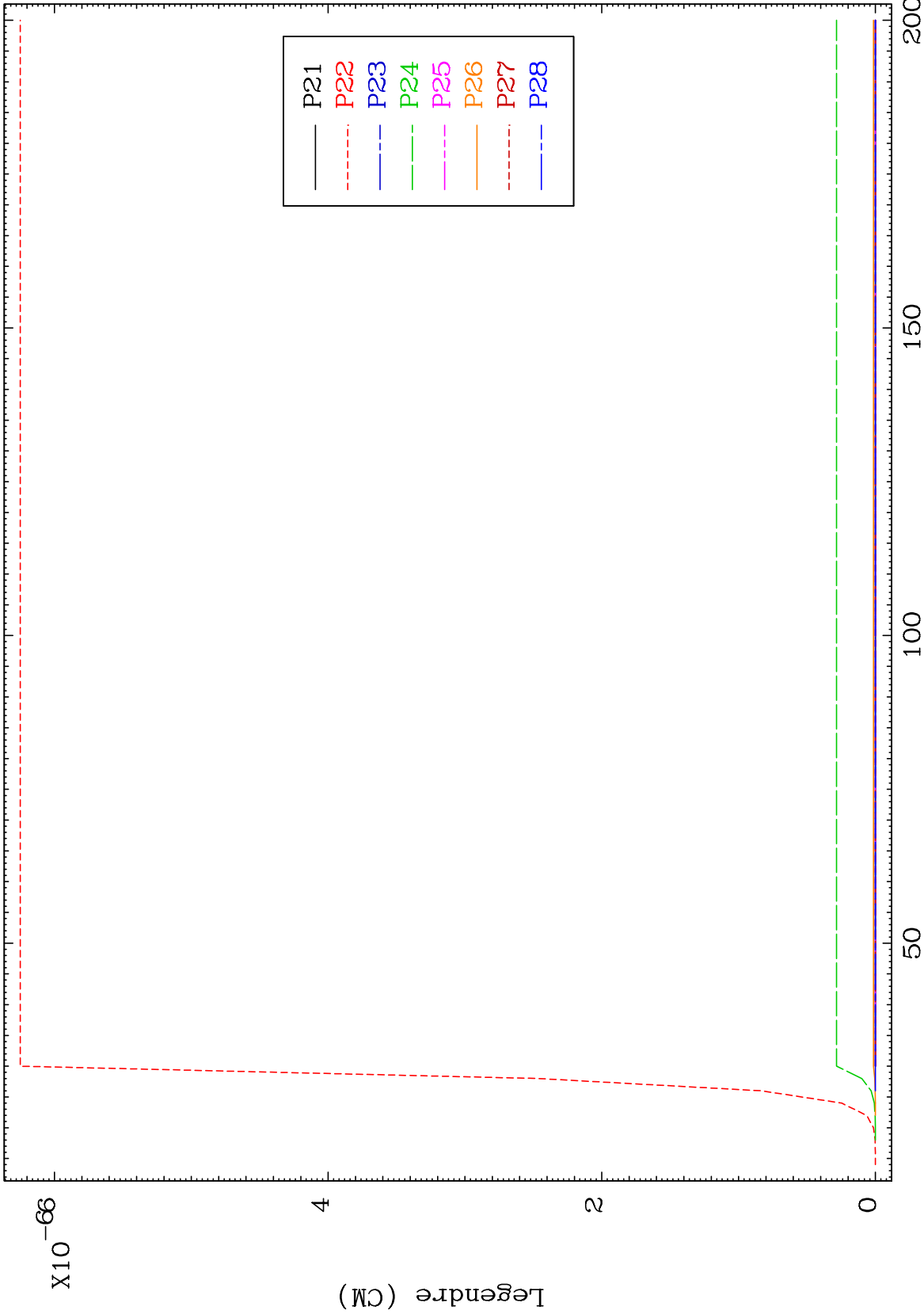
81-T1-206



MAT 8134

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

81-T1-206



72

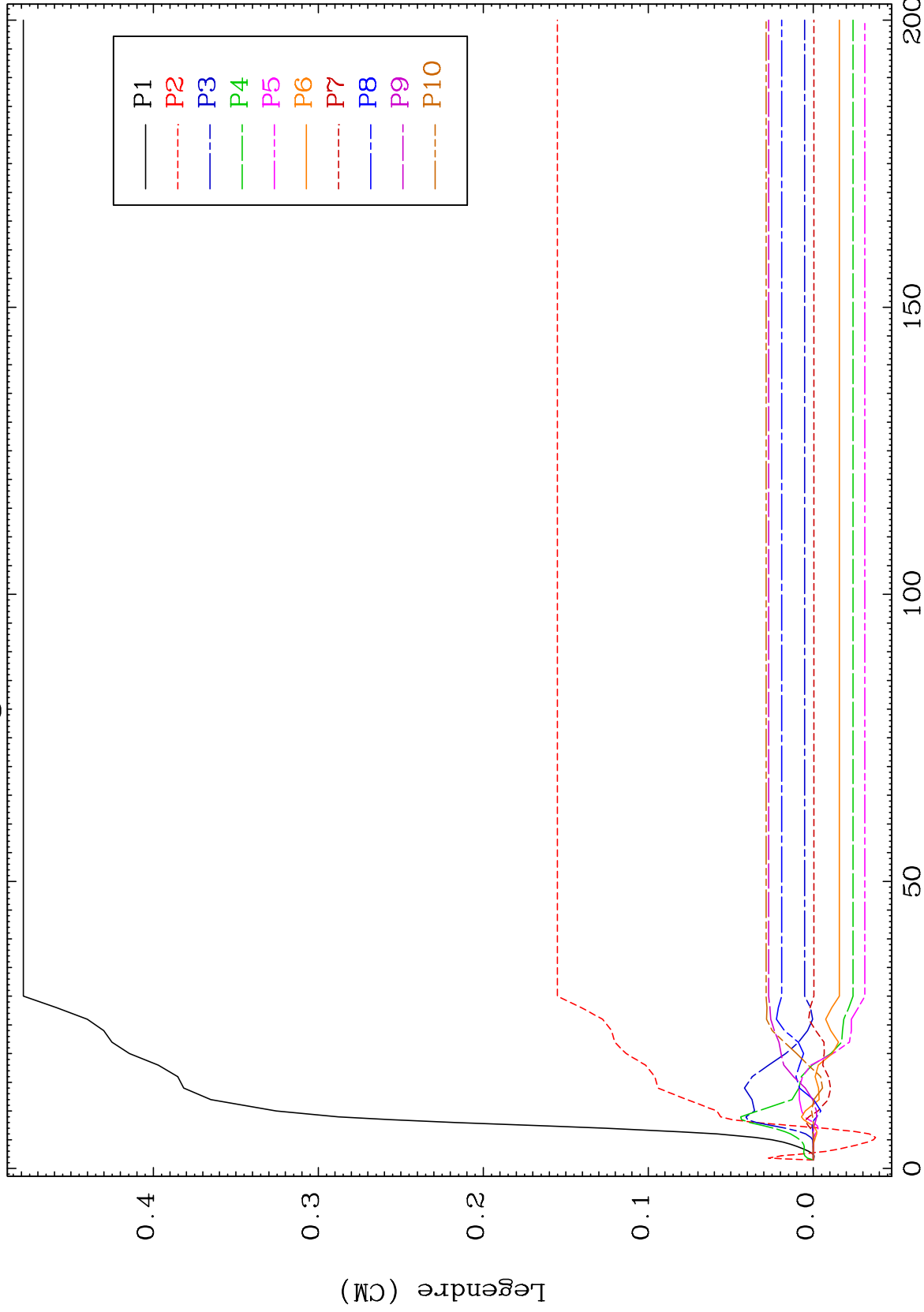
Incident Energy (MeV)

81-T1-206

MAT 8134

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

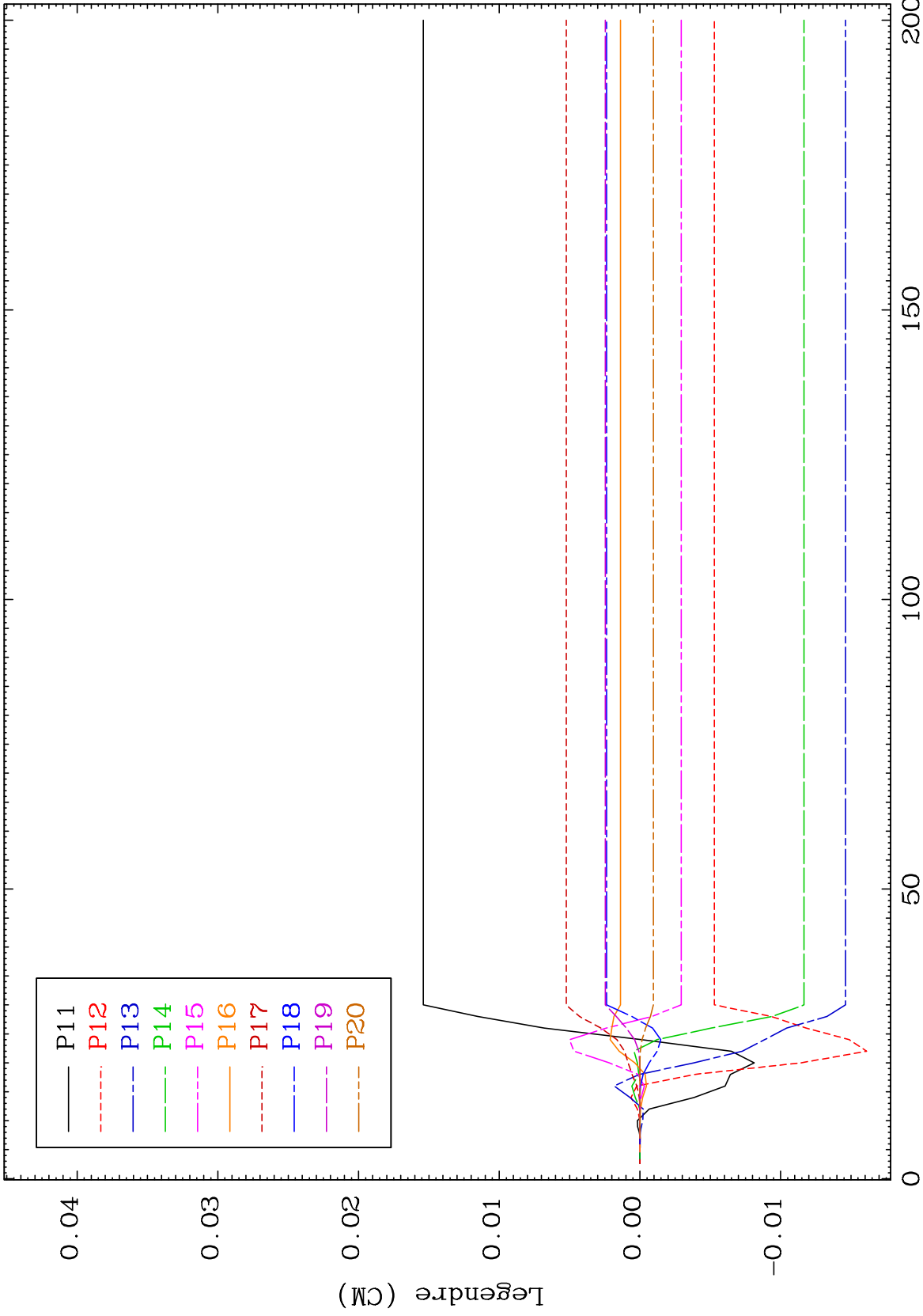
81-T1-206



73

Incident Energy (MeV)

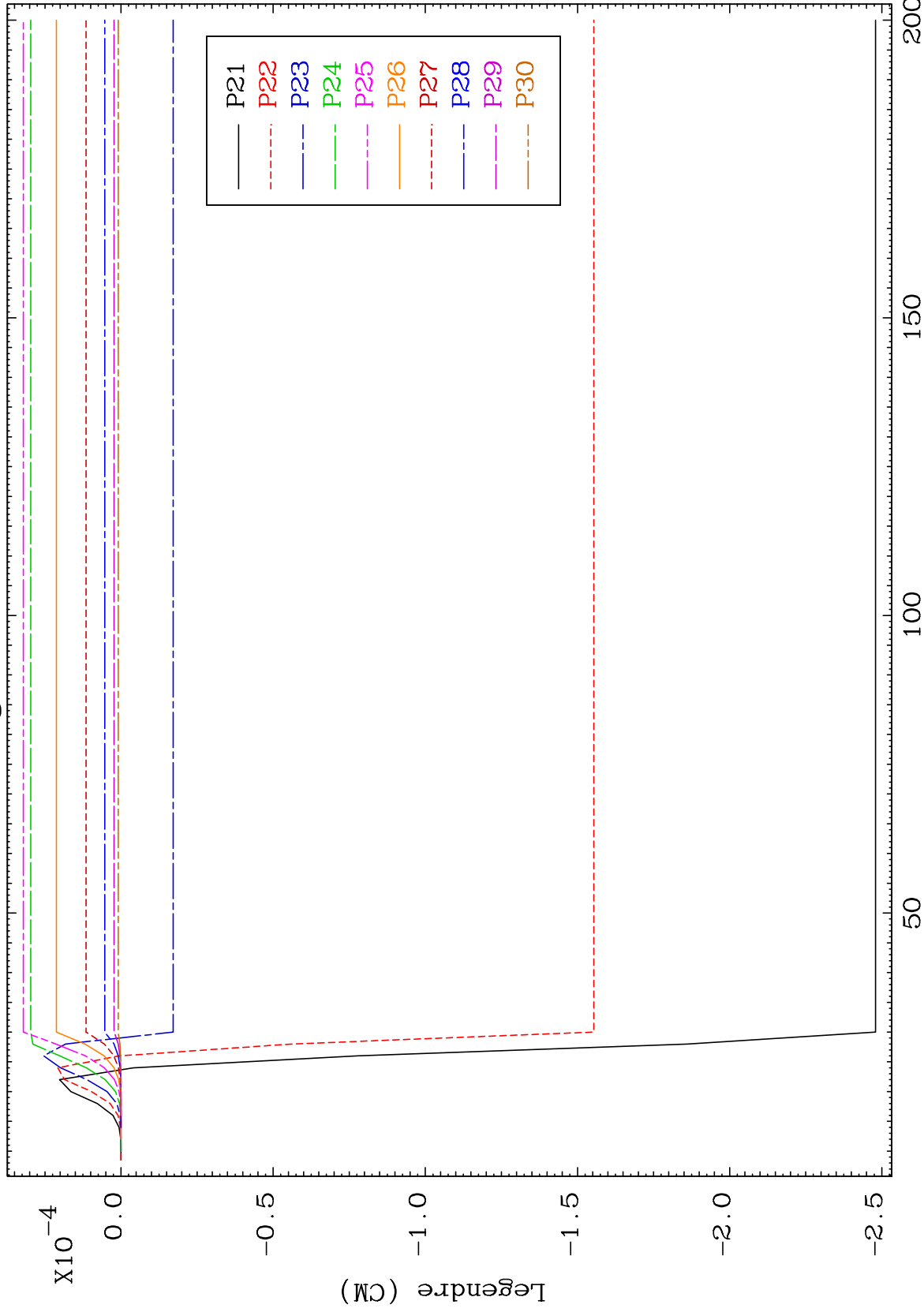
81-T1-206



MAT 8134

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

81-T1-206



75

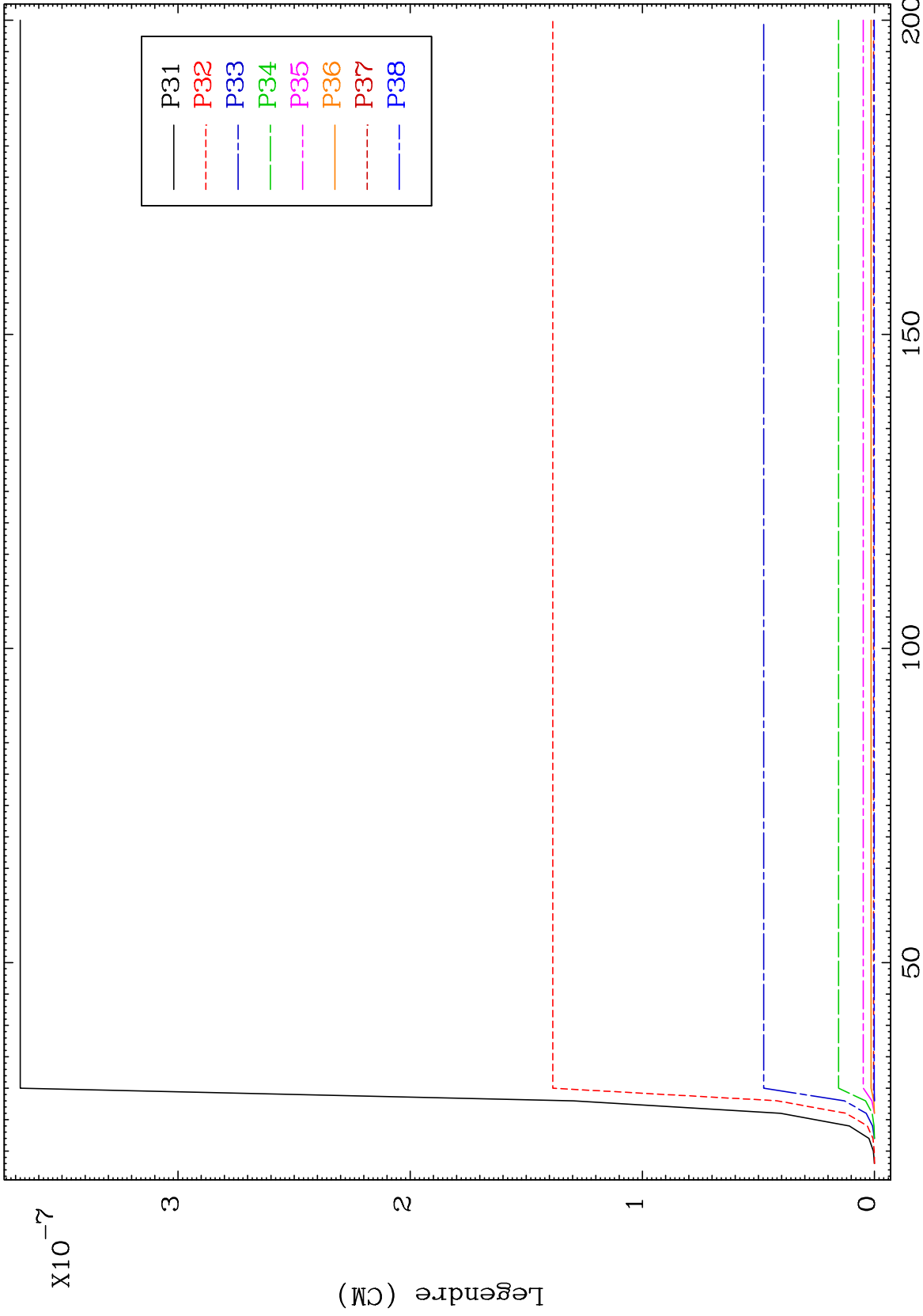
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



76

Incident Energy (MeV)

50

100

150

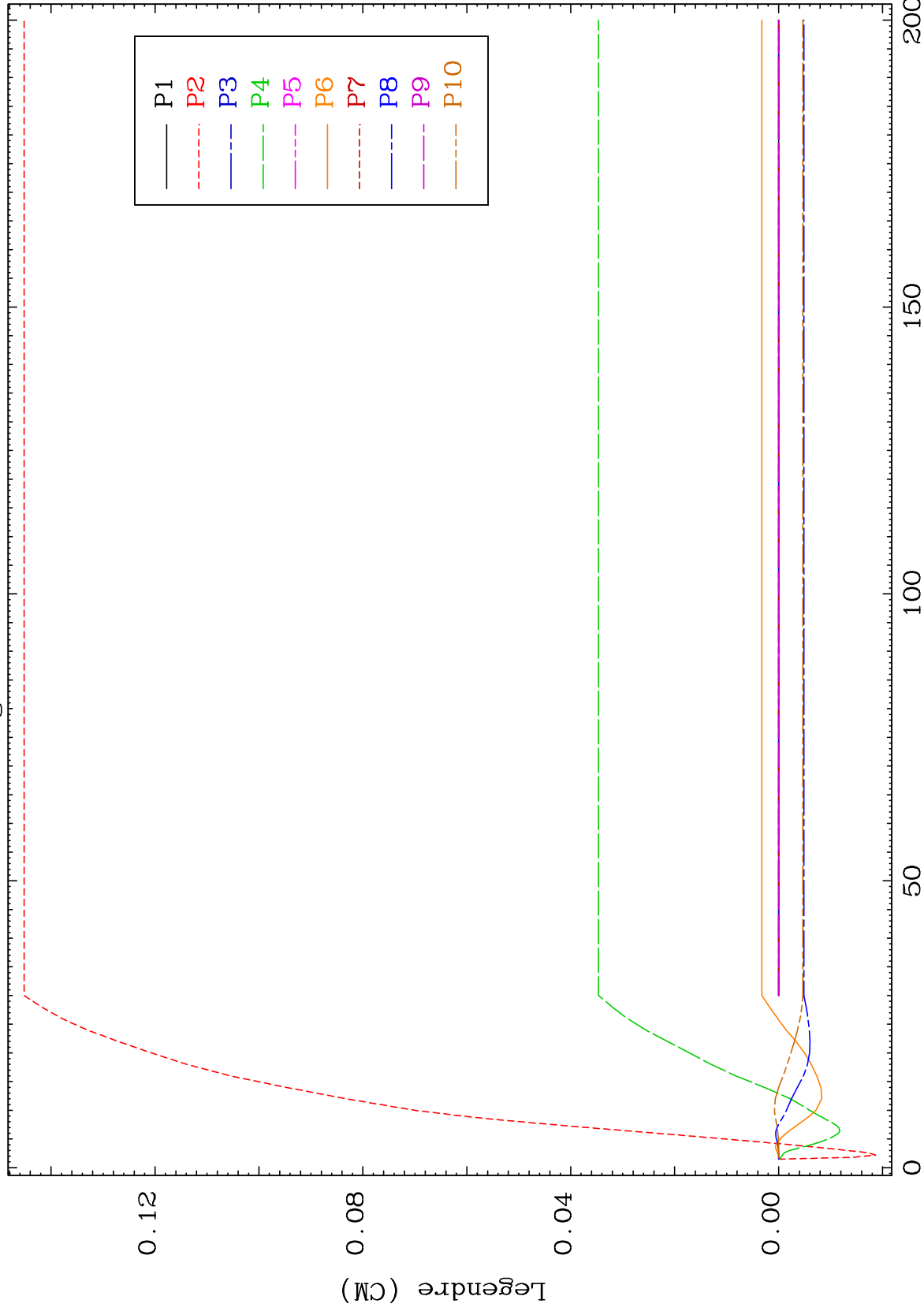
200

81-T1-206

MAT 8134

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

81-T1-206



77

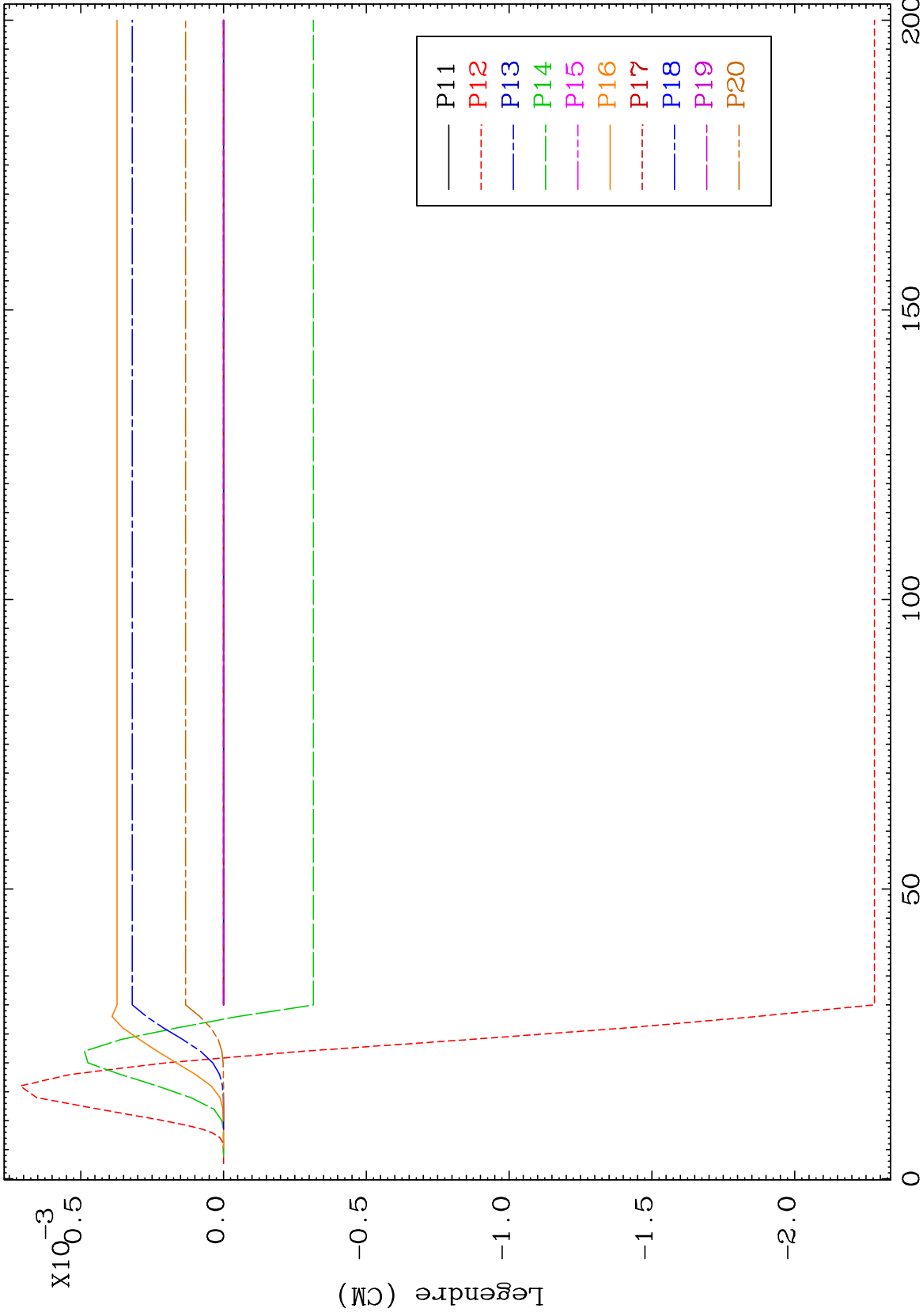
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



78

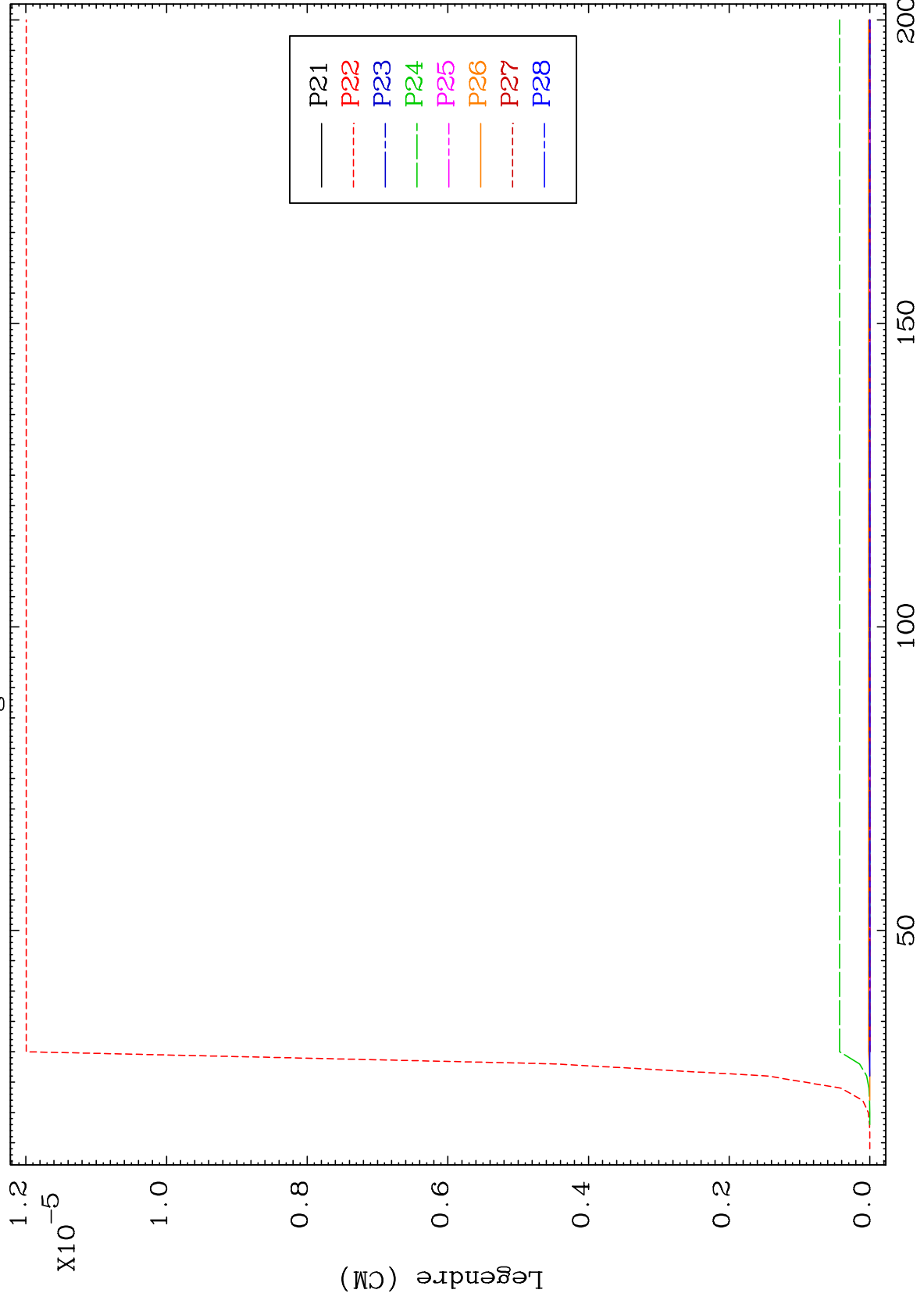
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



79

Incident Energy (MeV)

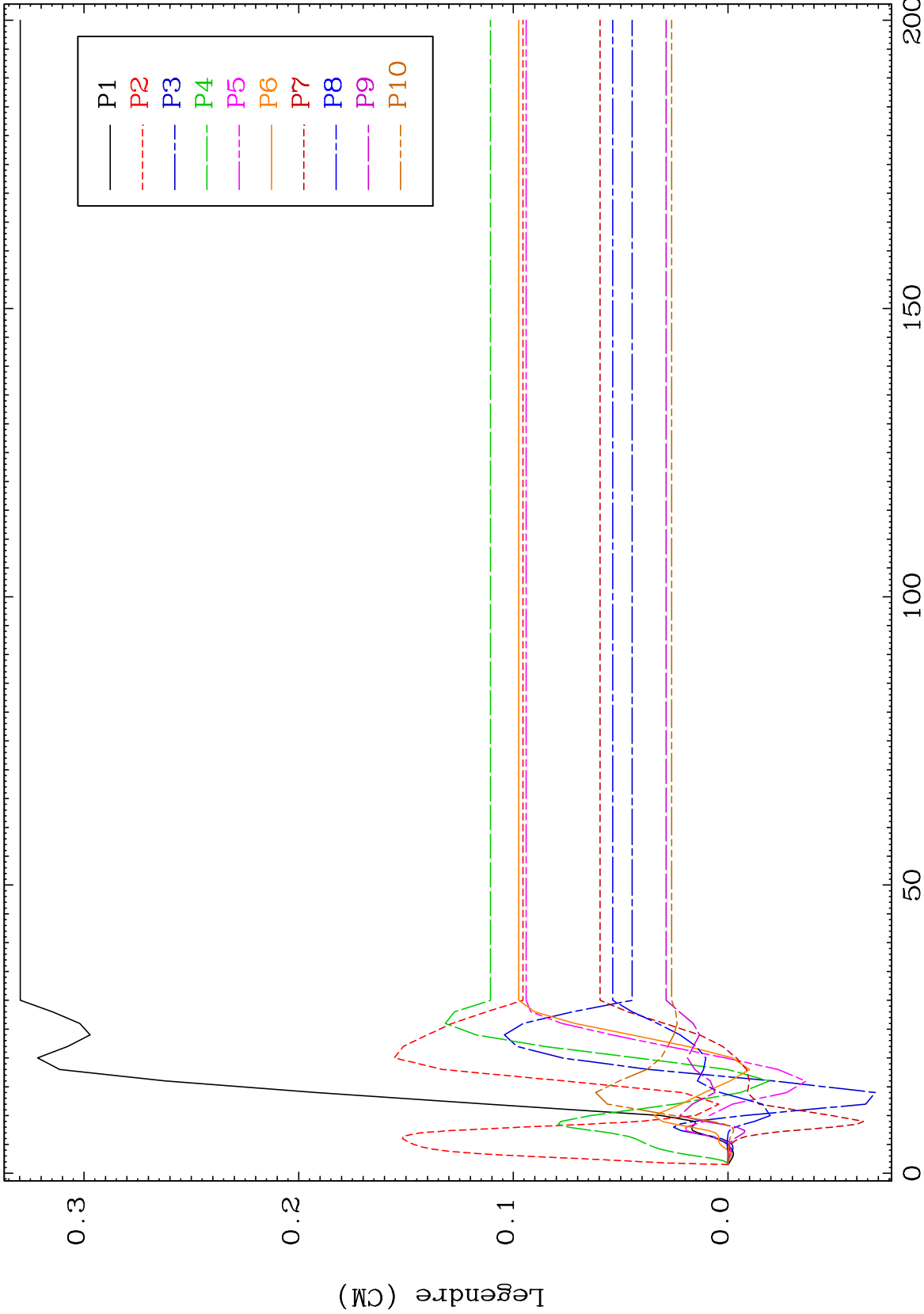
81-T1-206



MAT 8134

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

81-T1-206



80

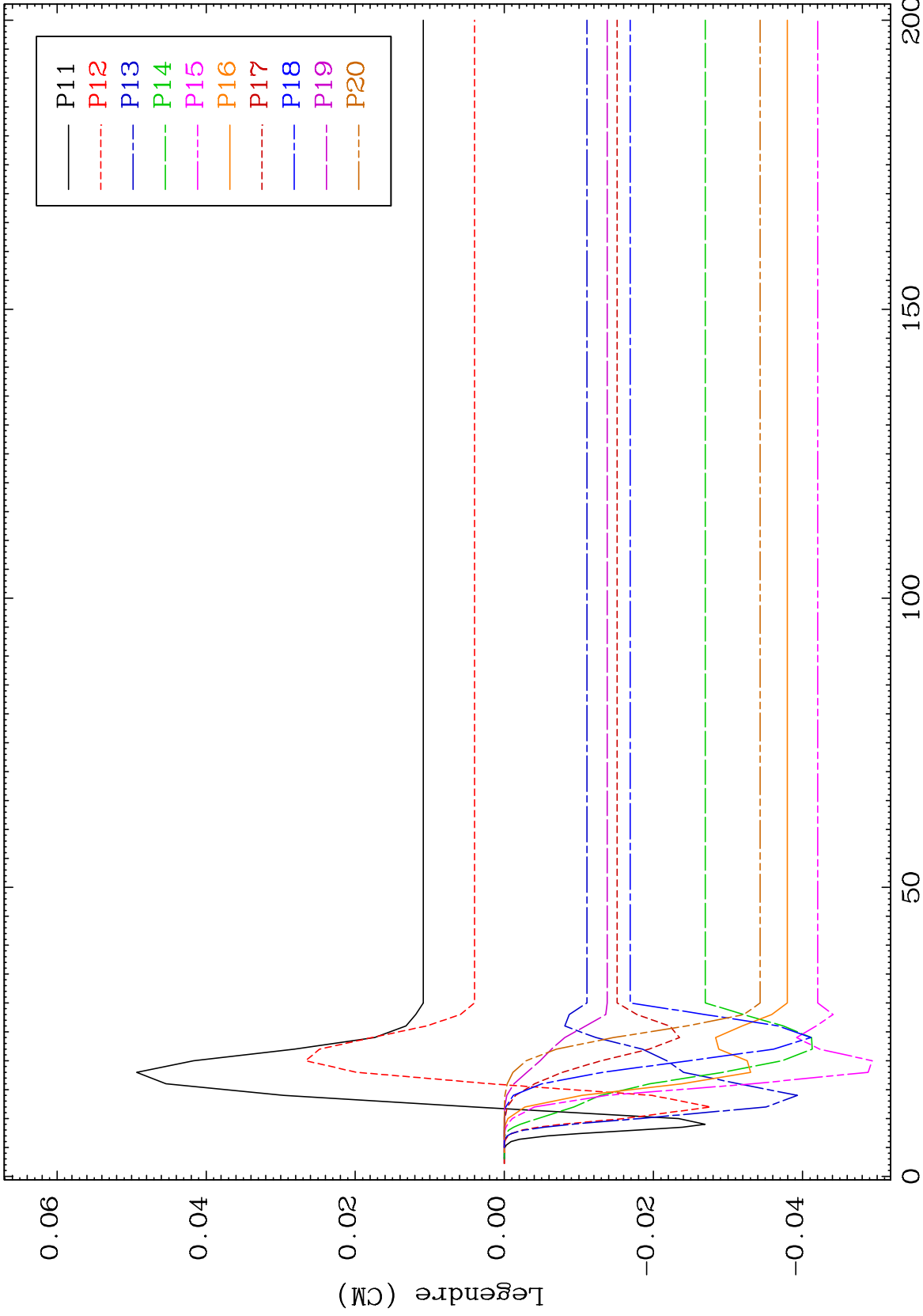
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



81

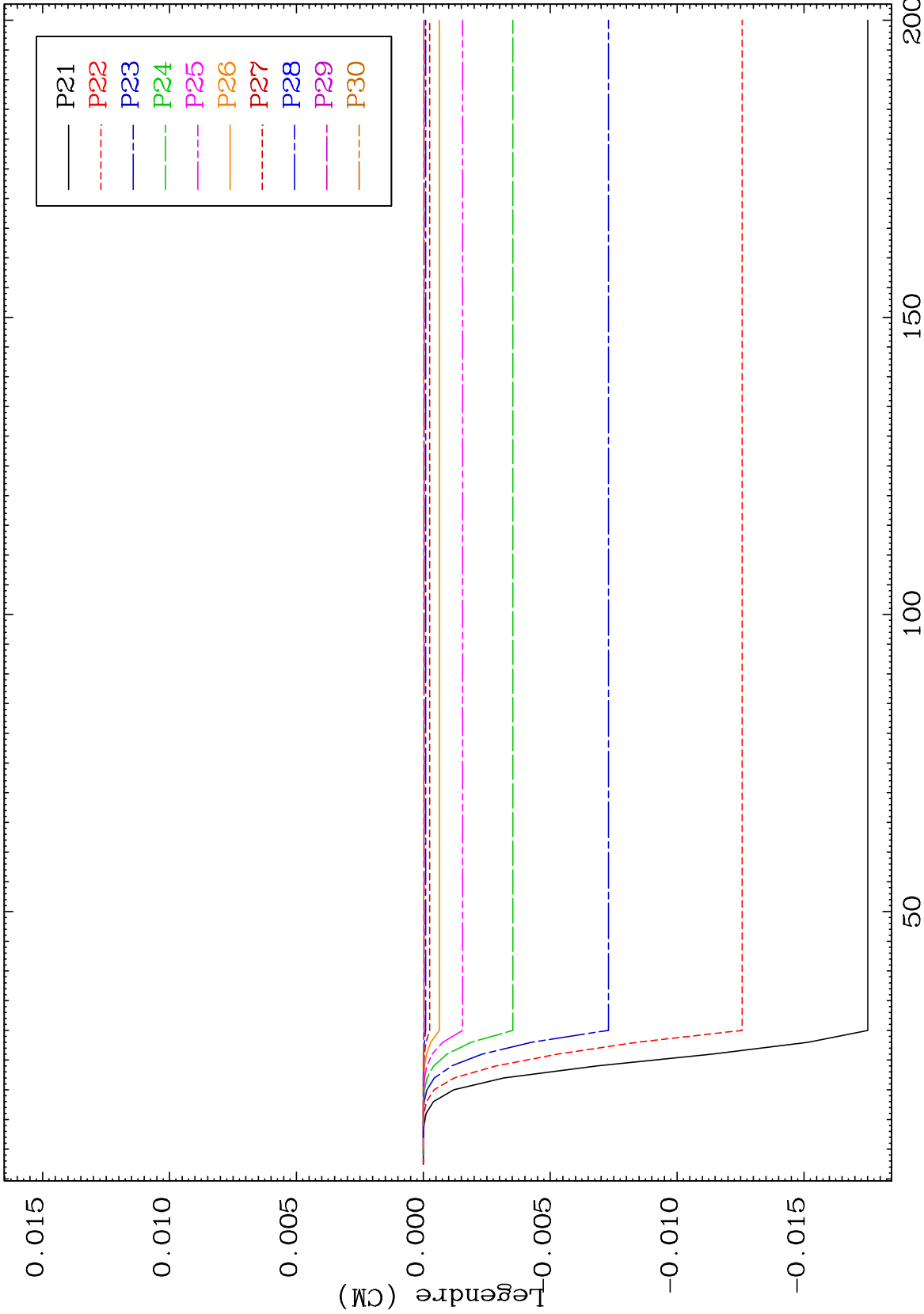
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



82

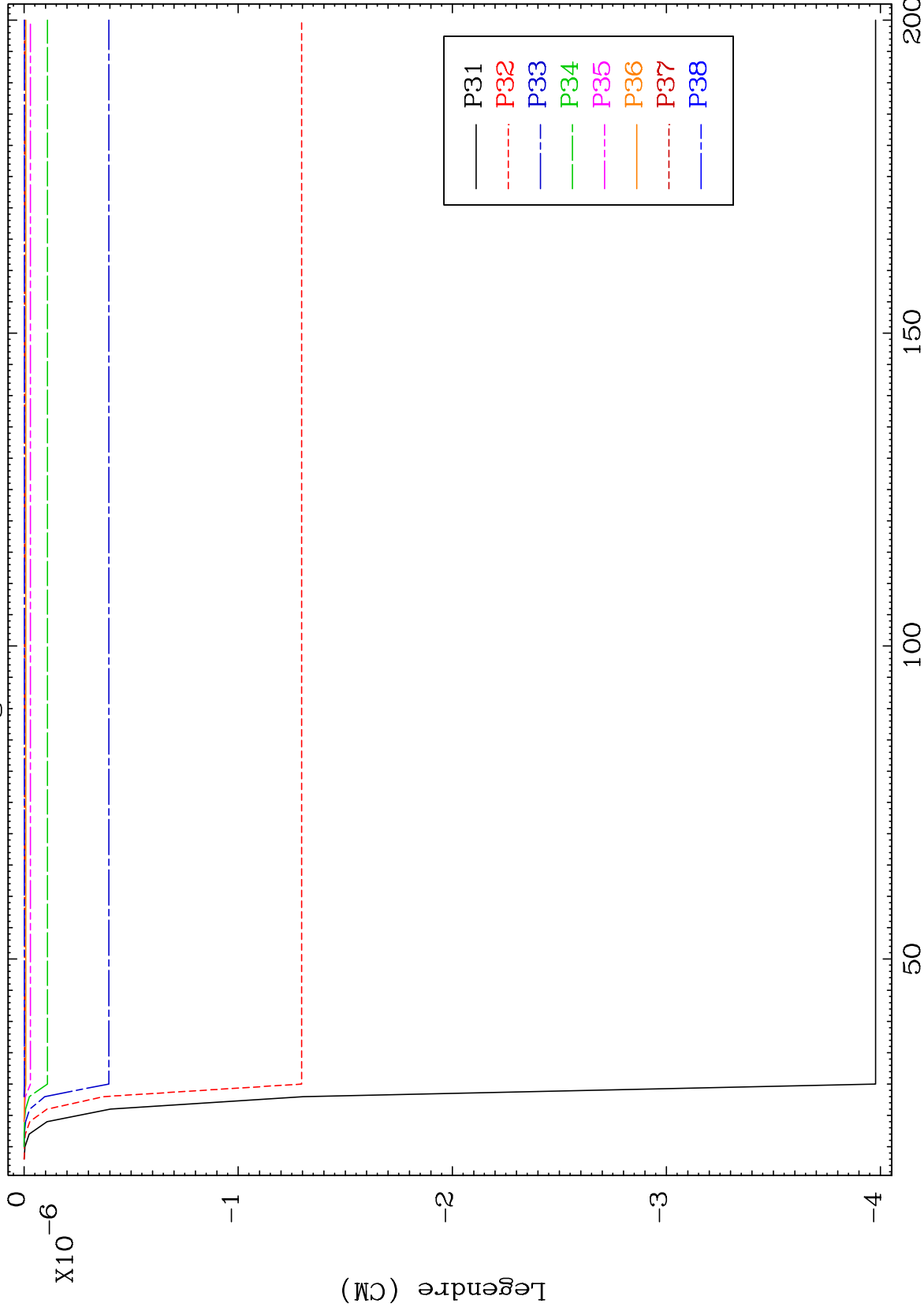
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



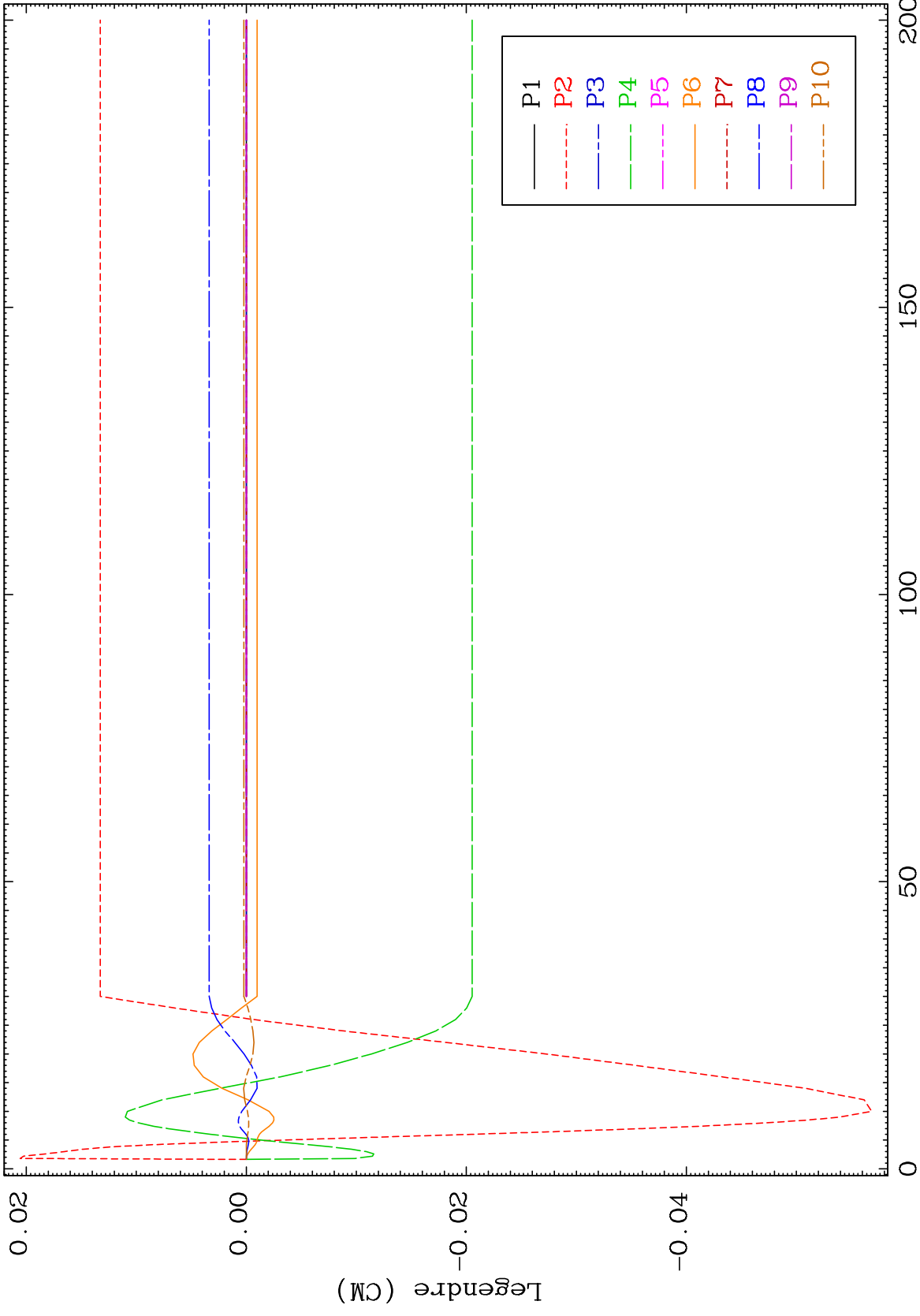
83

81-T1-206

MAT 8134

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

81-T1-206



84

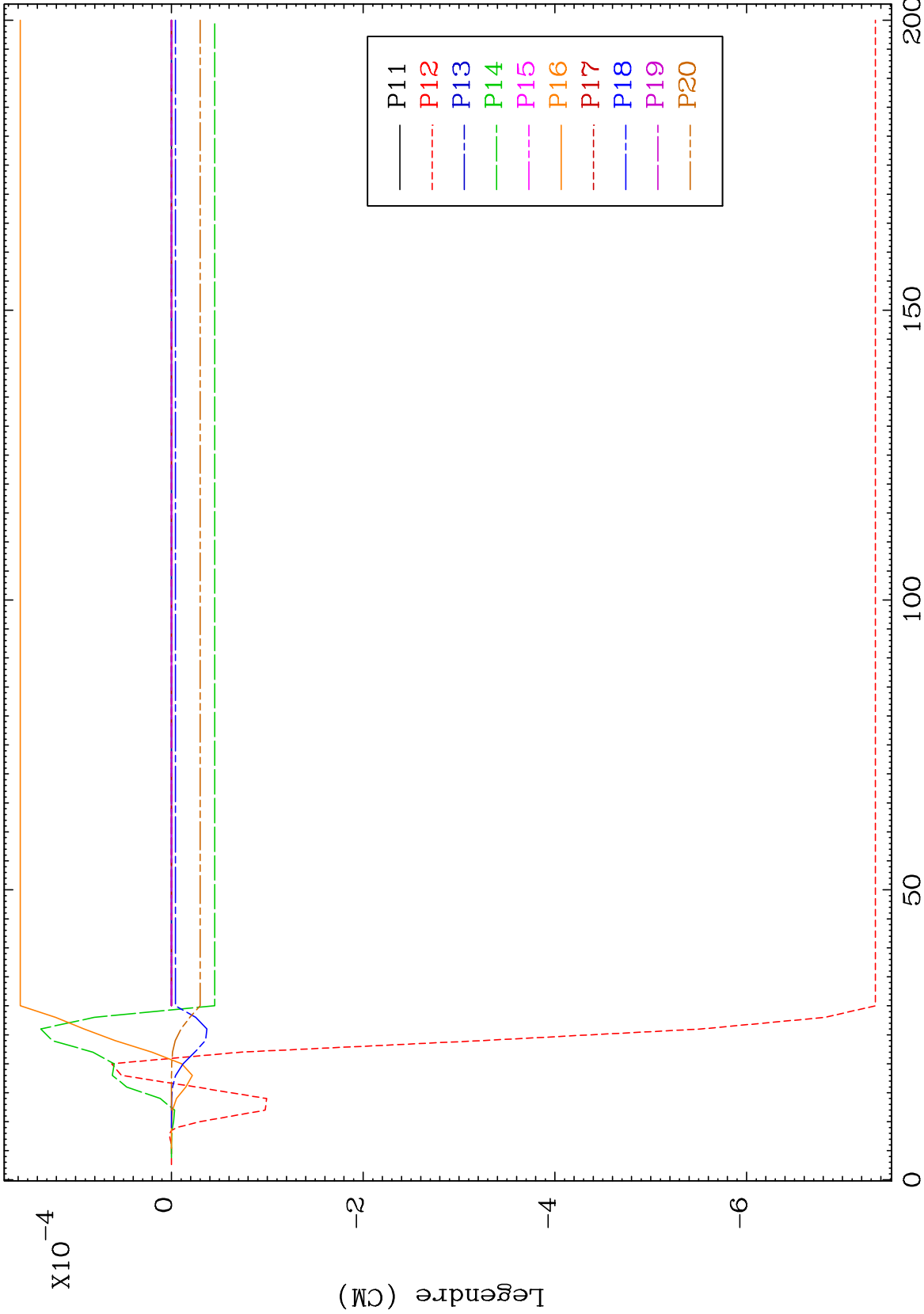
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



85

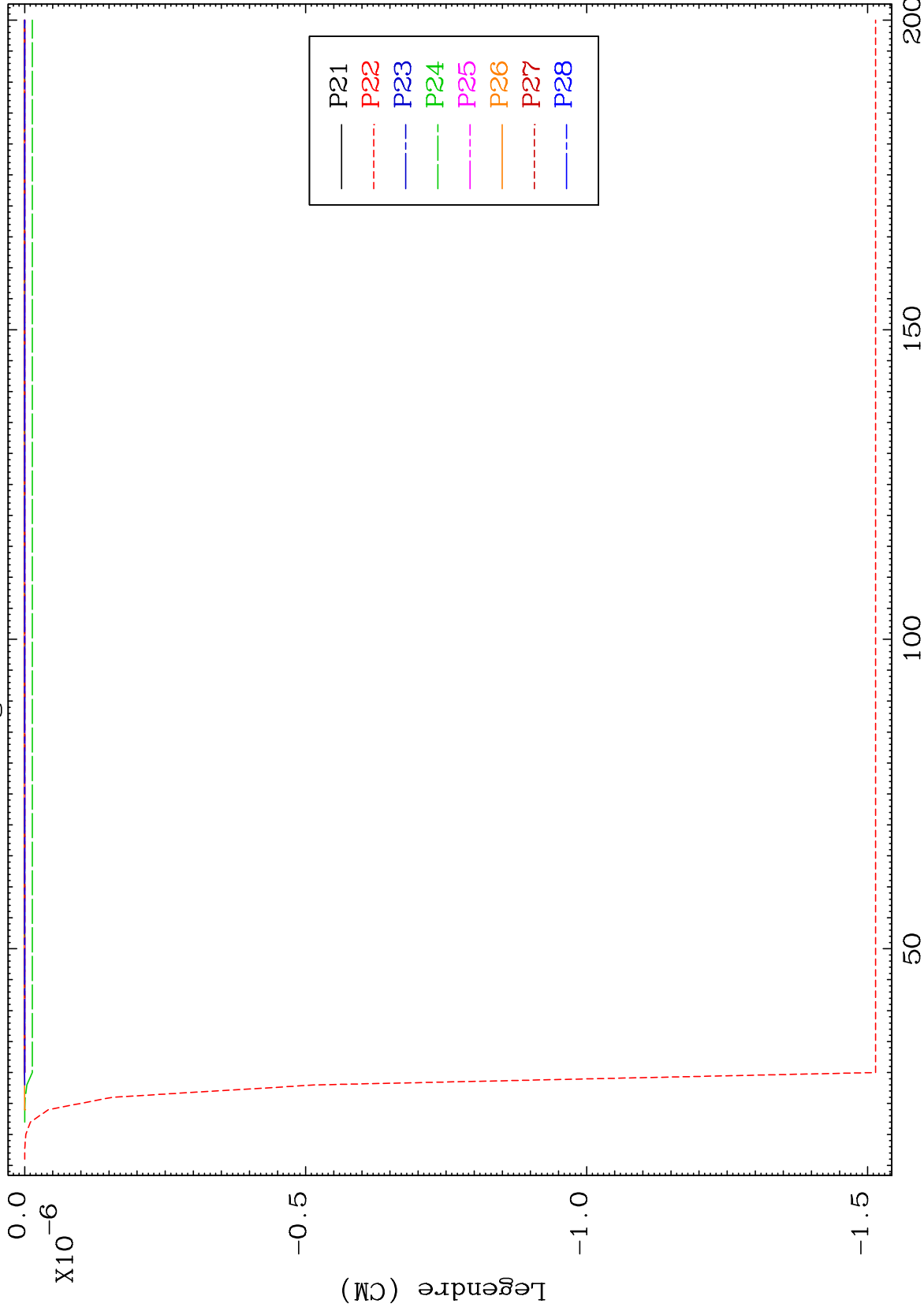
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



86

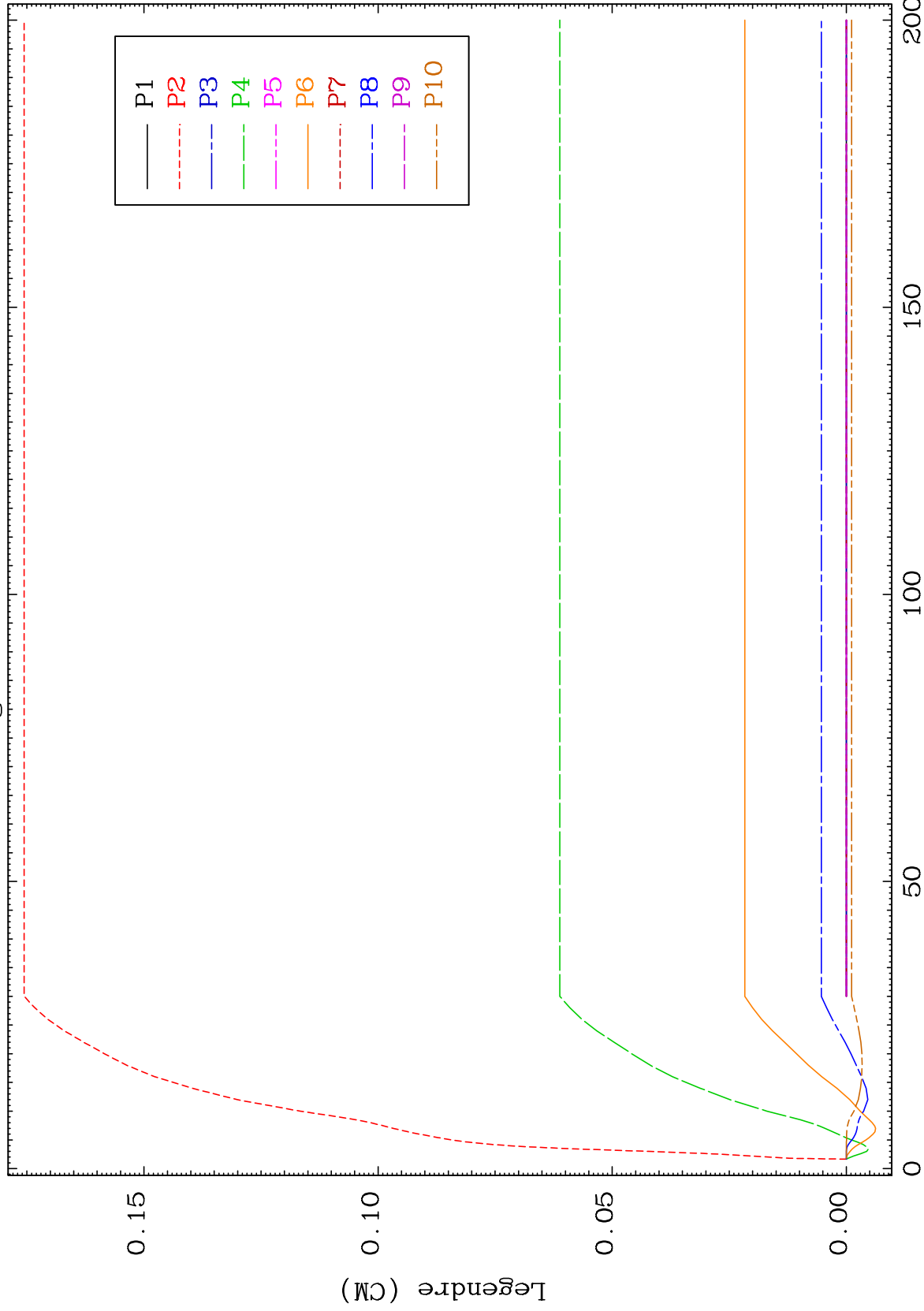
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



87

Incident Energy (MeV)

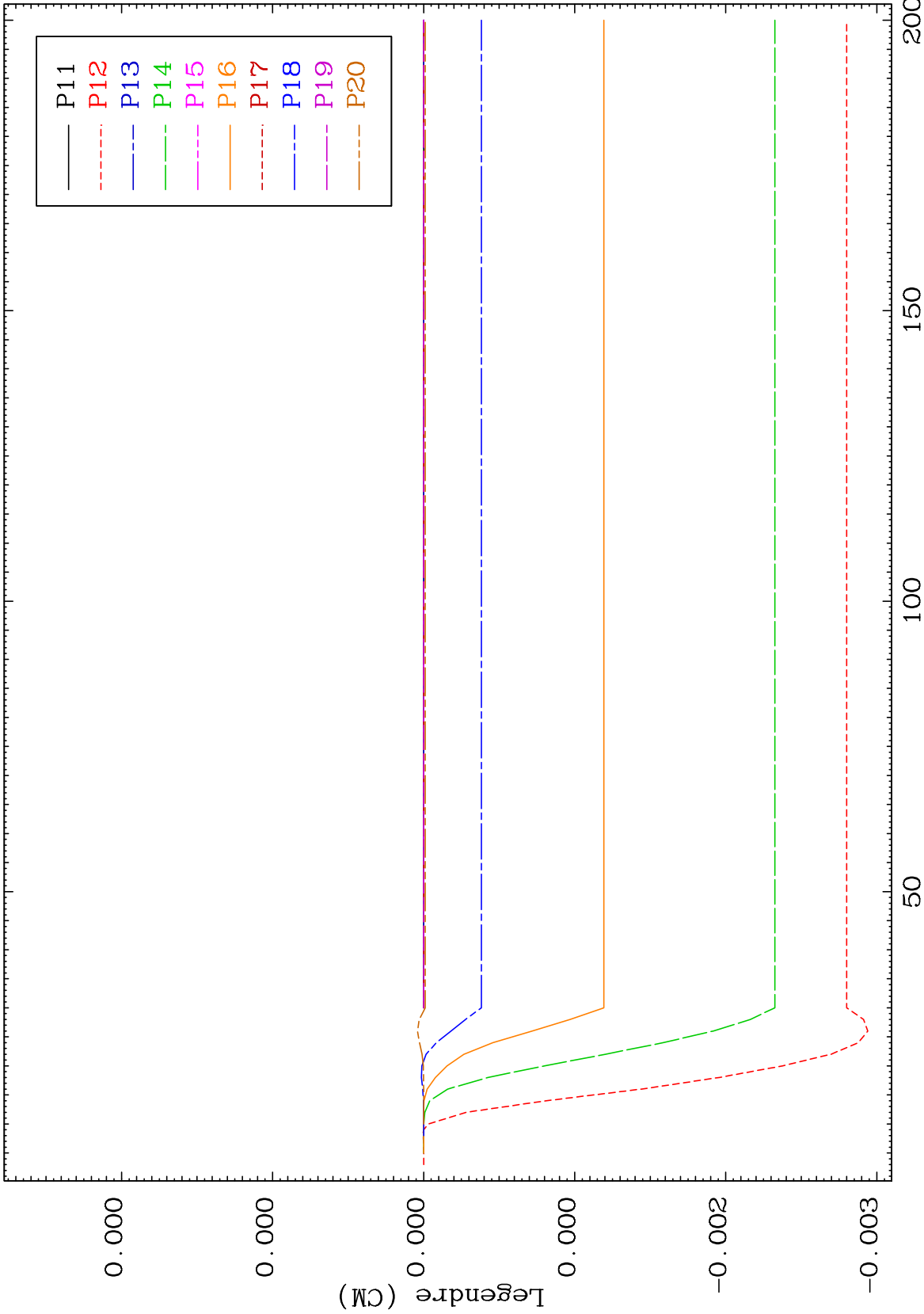
81-T1-206



MAT 8134

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

81-T1-206



88

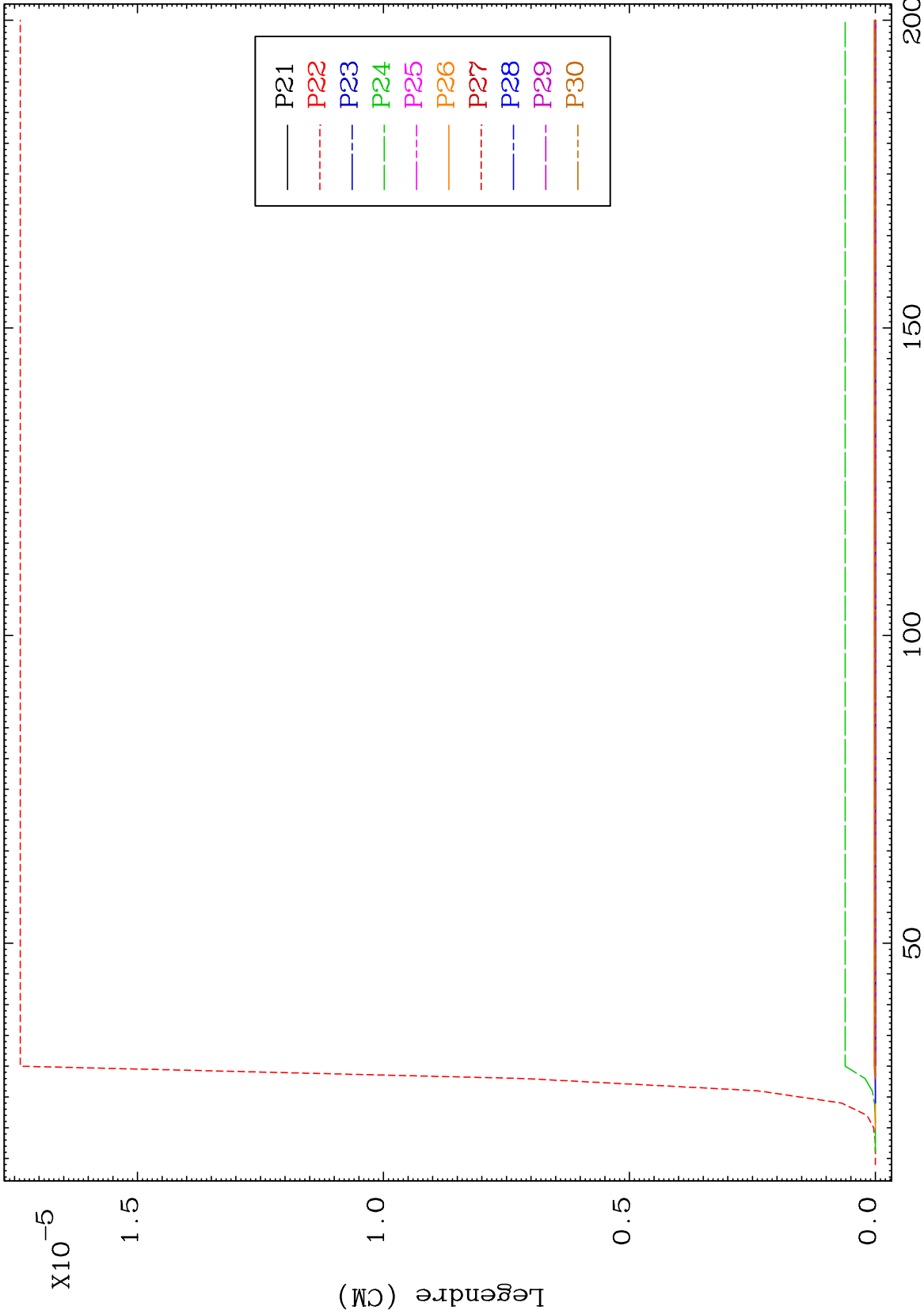
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



89

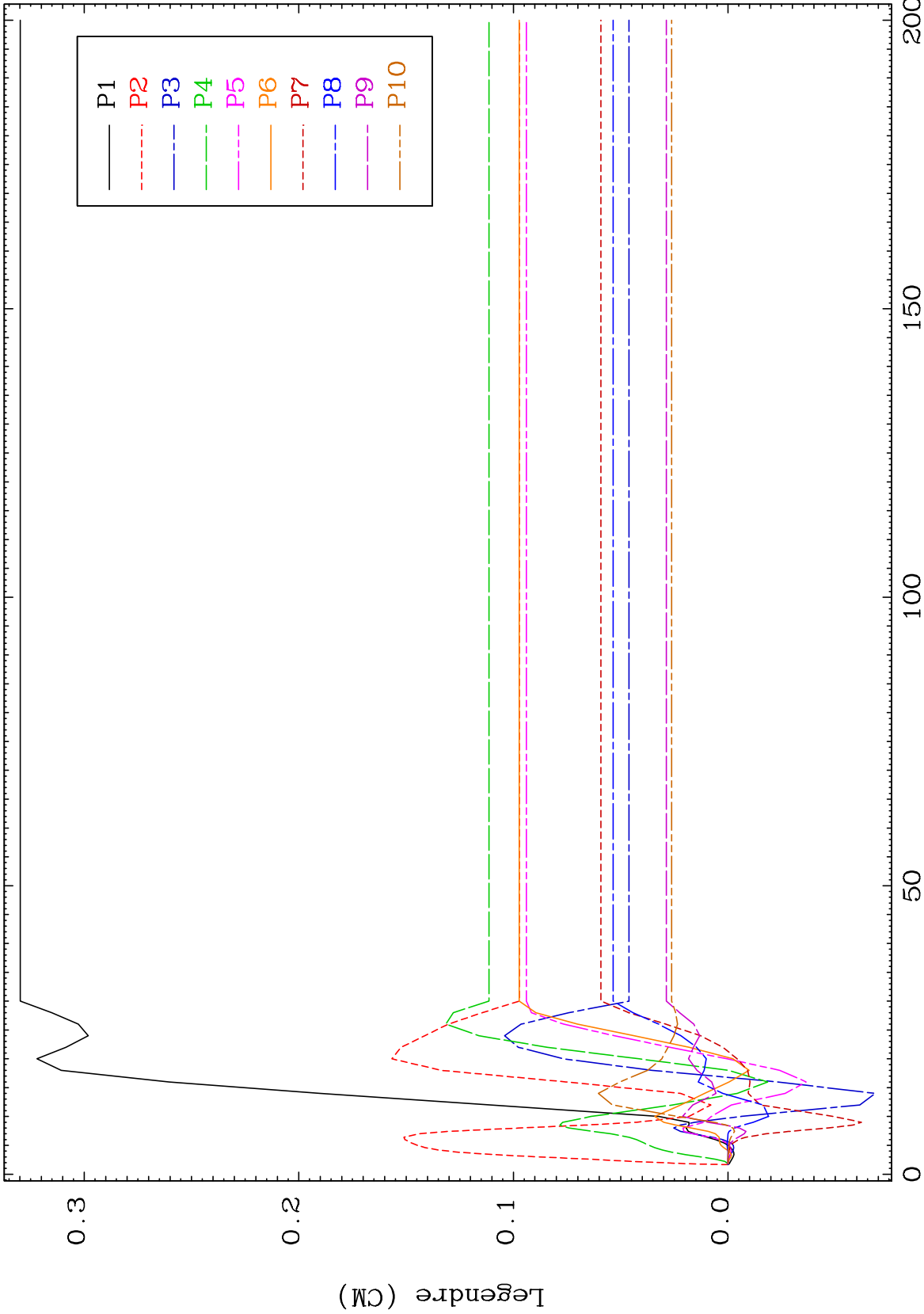
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



81-T1-206

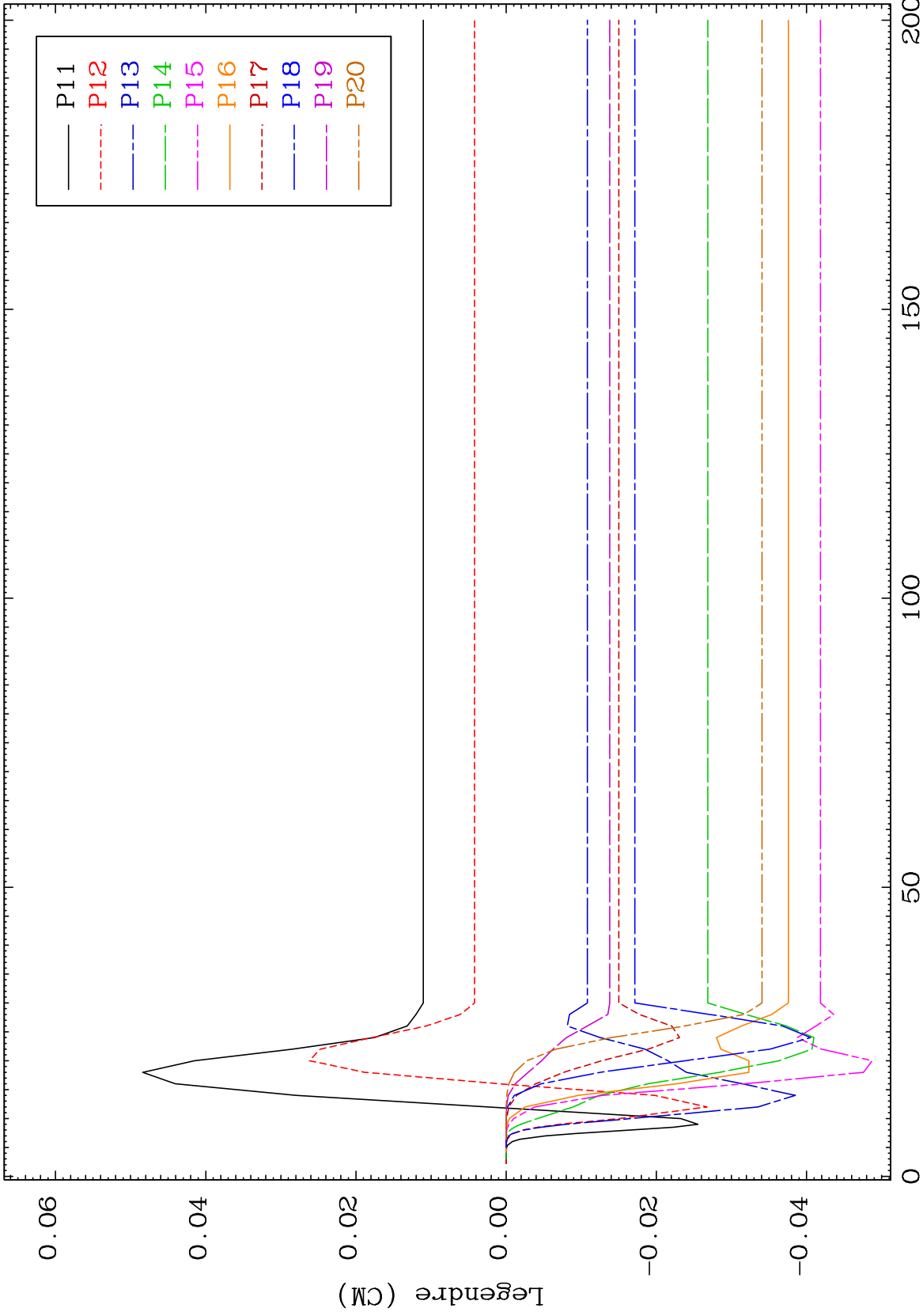
Incident Energy (MeV)

90

MAT 8134

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

81-T1-206



91

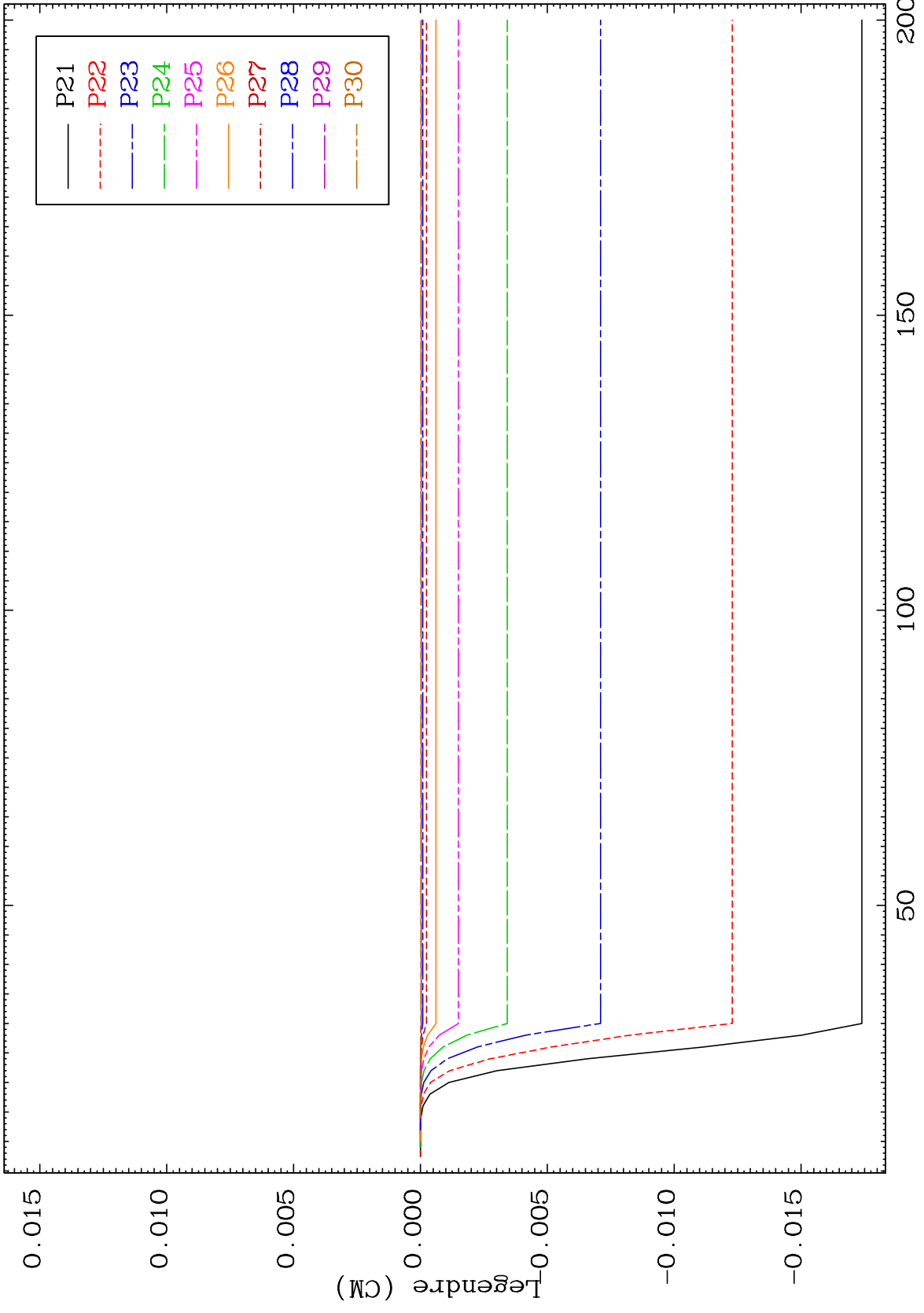
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



92

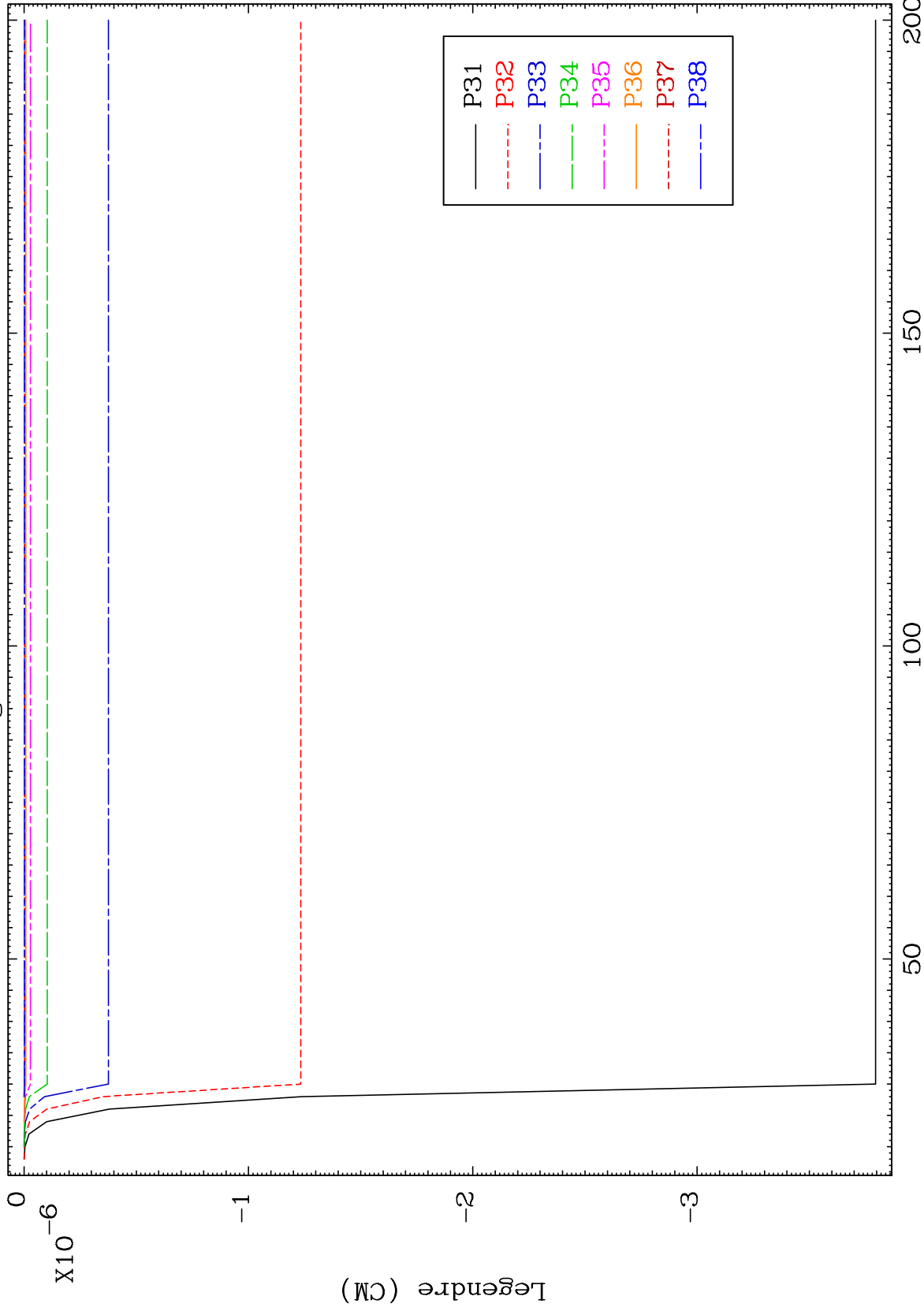
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



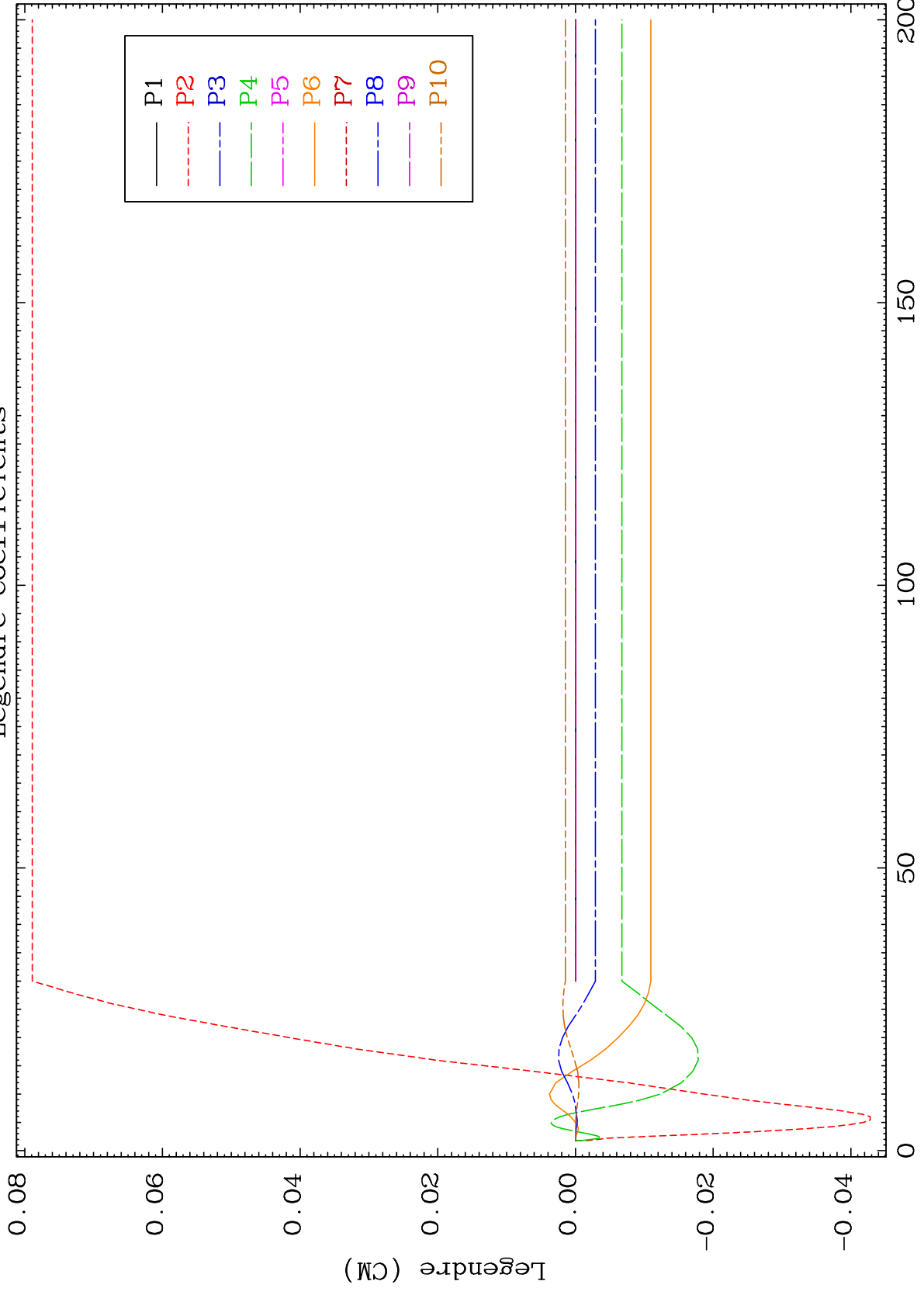
93

81-T1-206

MAT 8134

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

81-T1-206



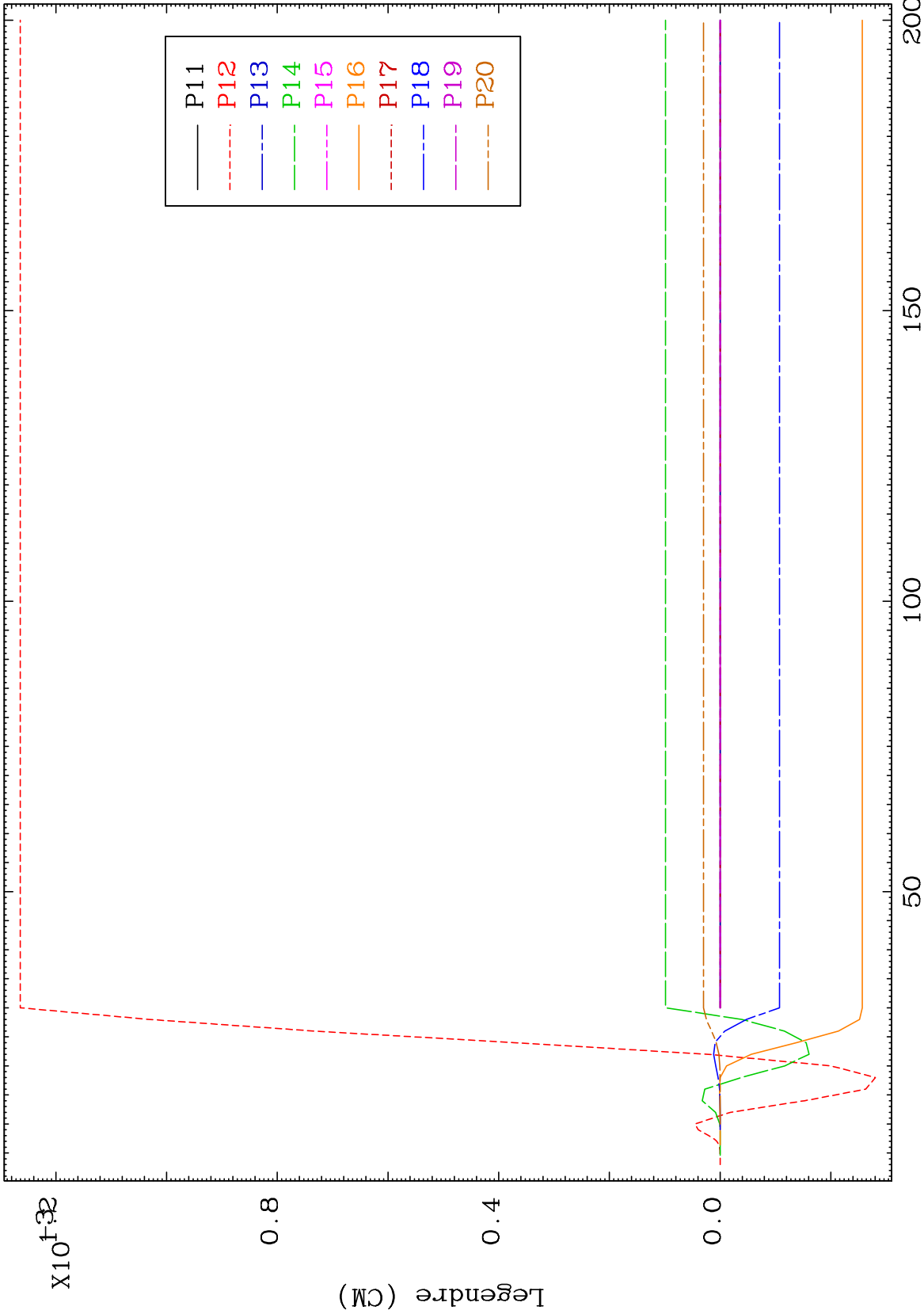
94

81-T1-206

MAT 8134

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

81-T1-206



95

Incident Energy (MeV)

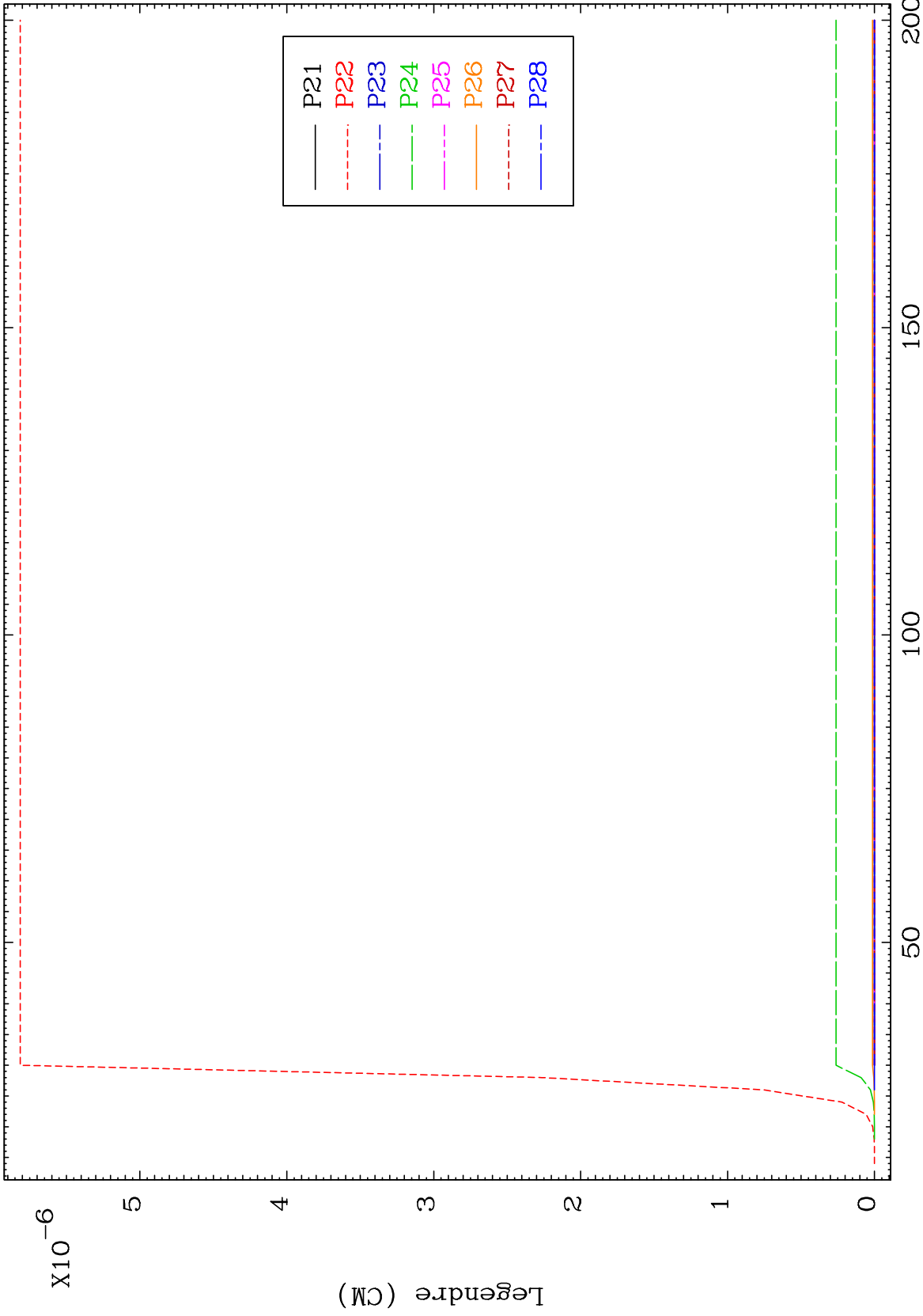
81-T1-206



MAT 8134

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

81-T1-206



96

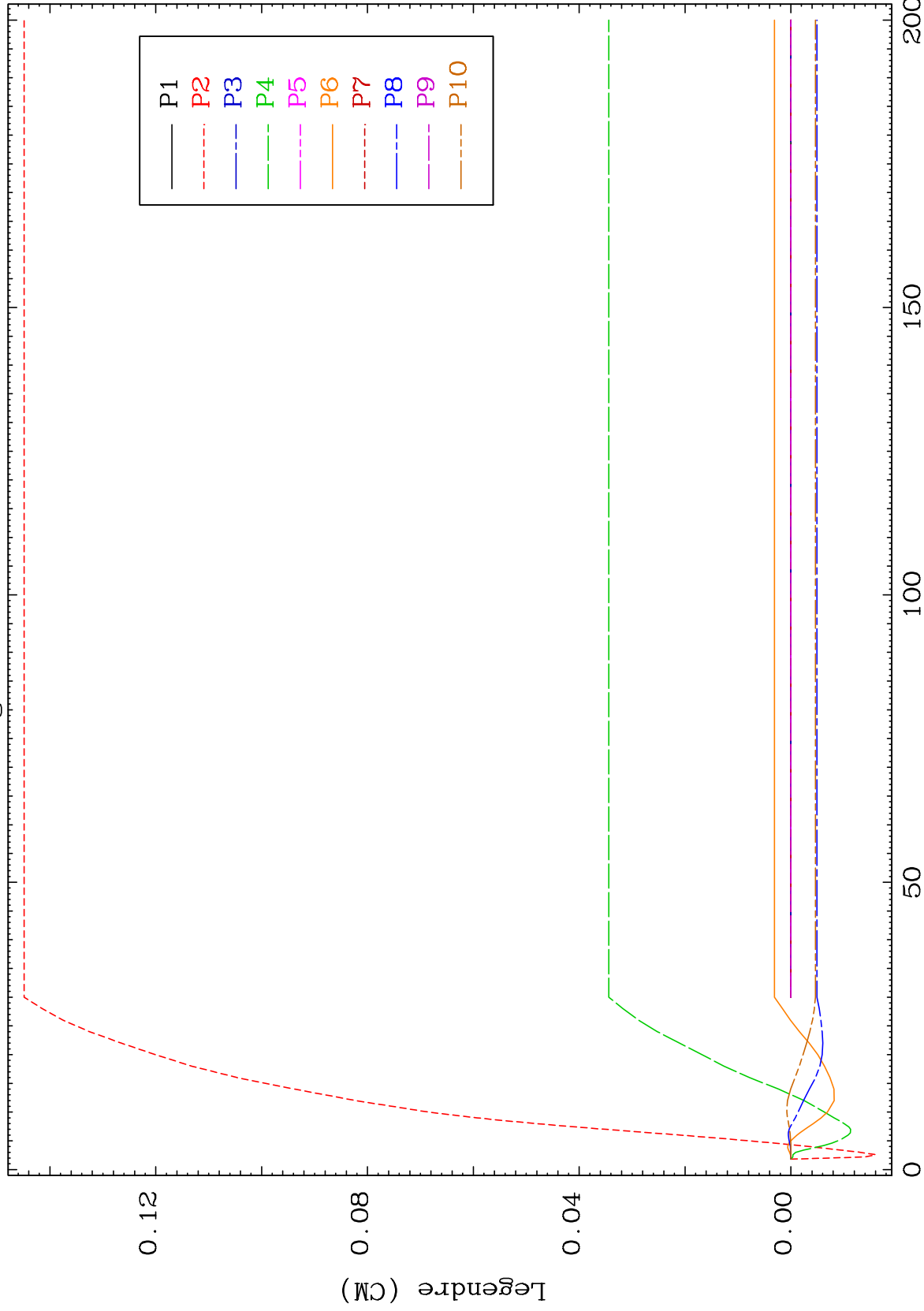
Incident Energy (MeV)

81-T1-206

MAT 8134

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

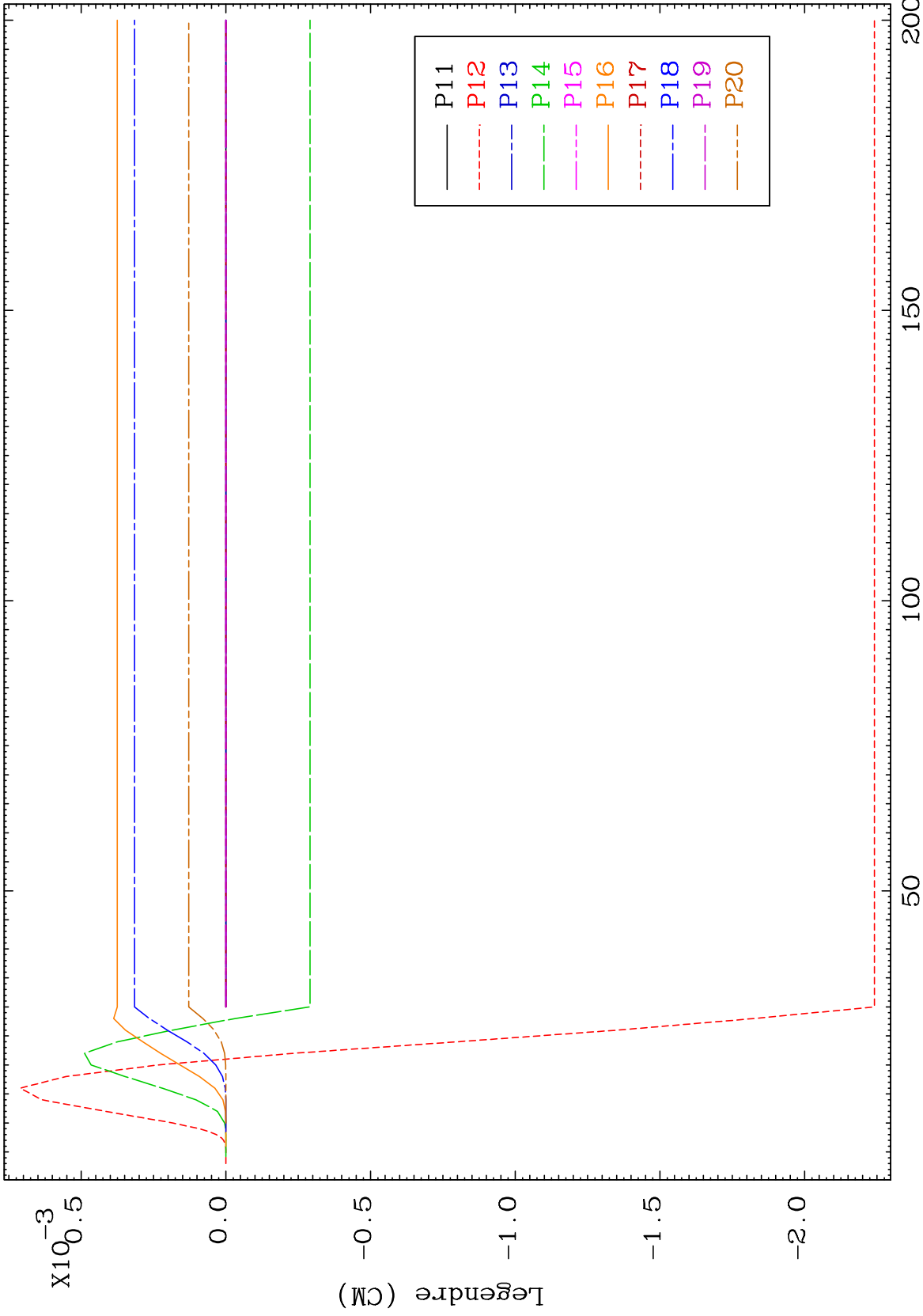
81-T1-206



97

Incident Energy (MeV)

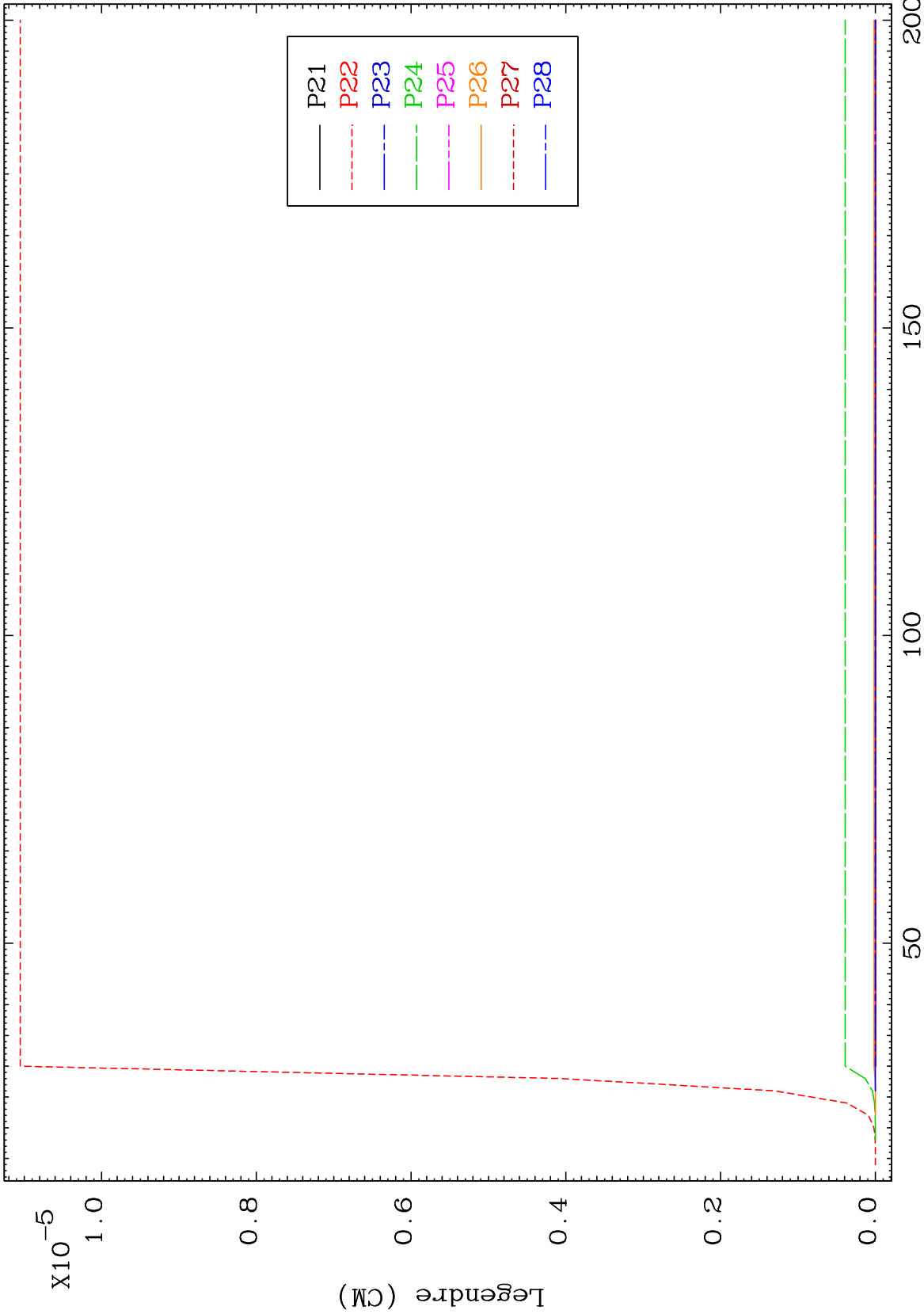
81-T1-206



MAT 8134

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

81-T1-206



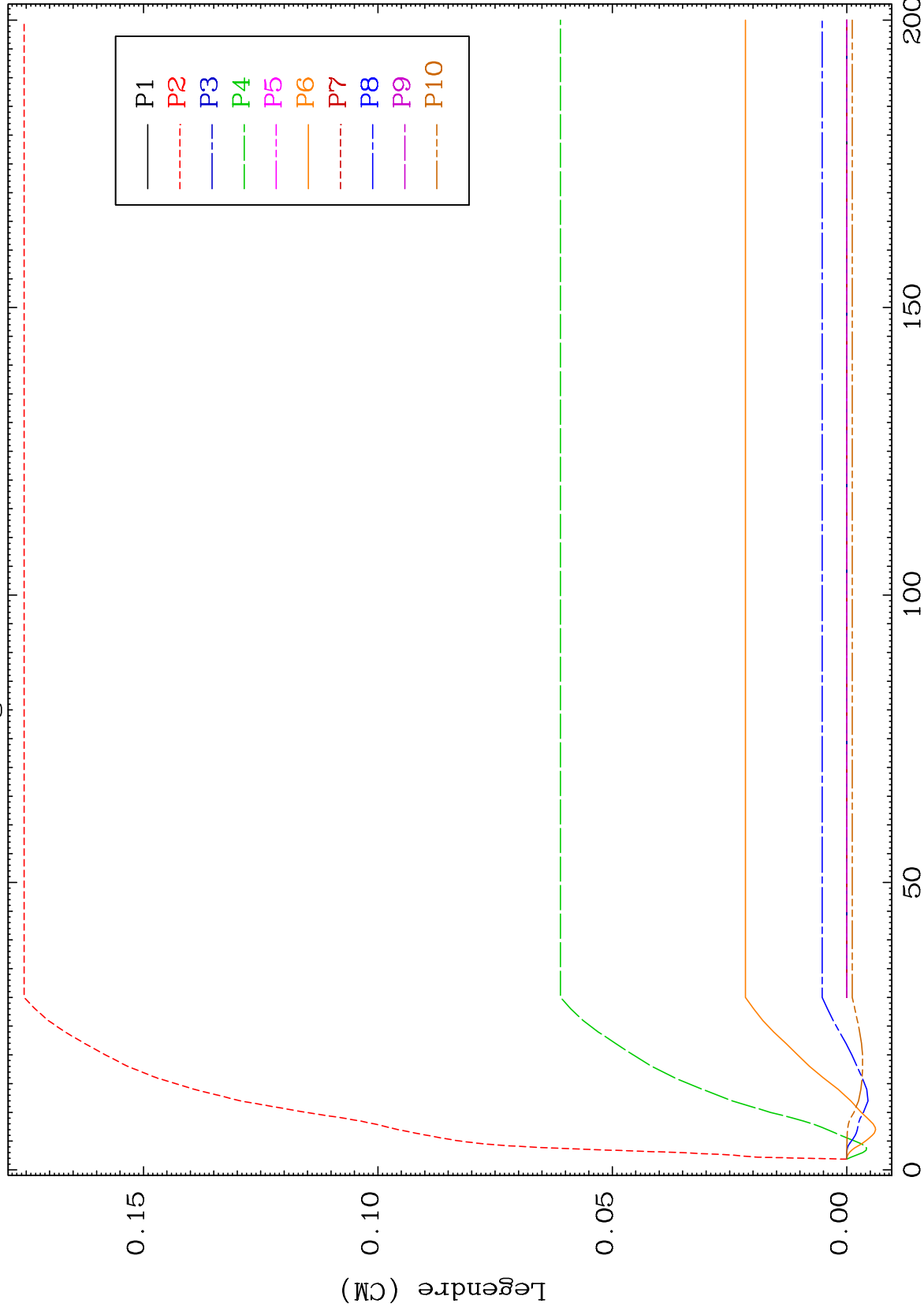
99

81-T1-206

MAT 8134

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

81-T1-206



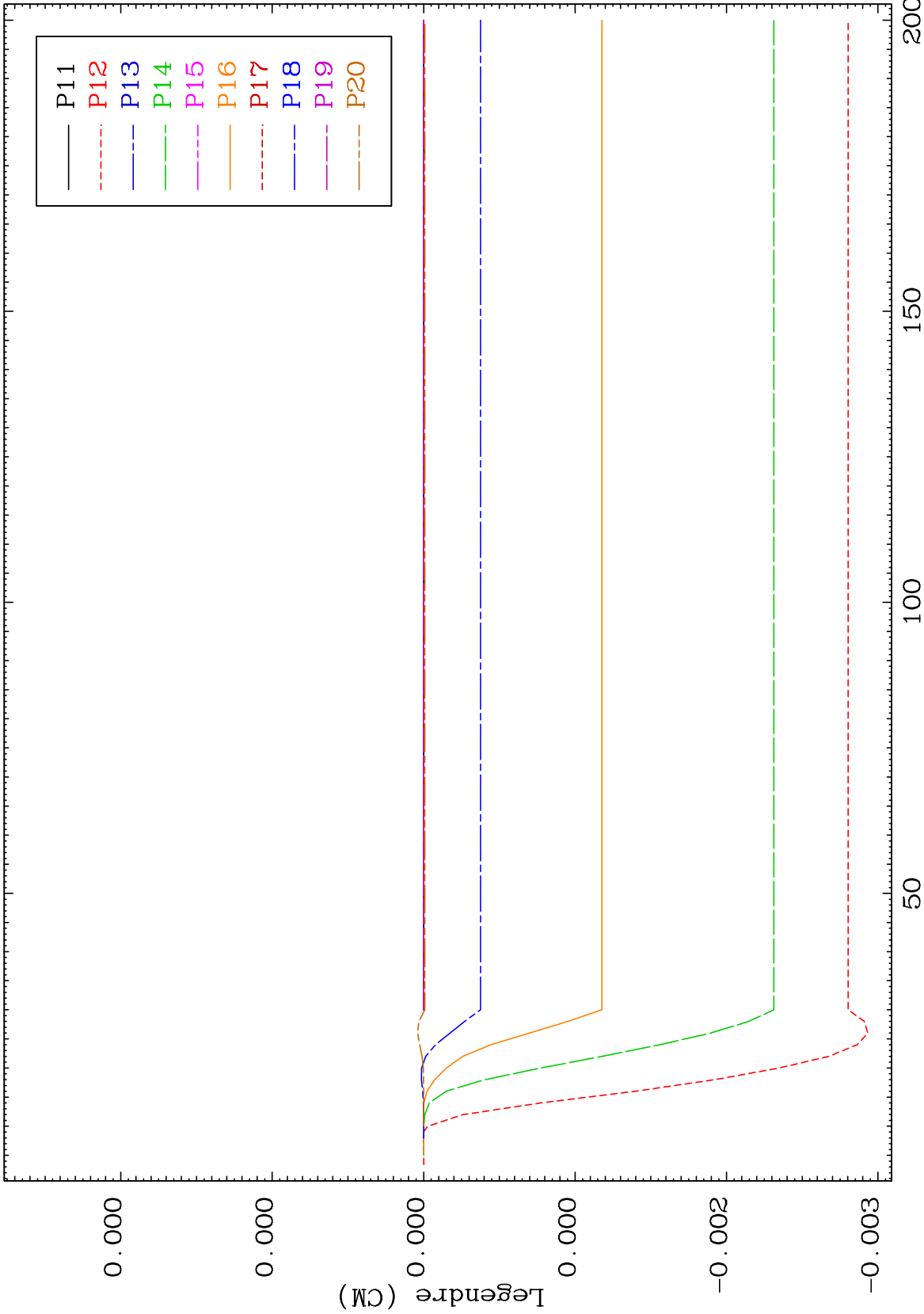
81-T1-206

Incident Energy (MeV)

MAT 8134

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

81-T1-206



101

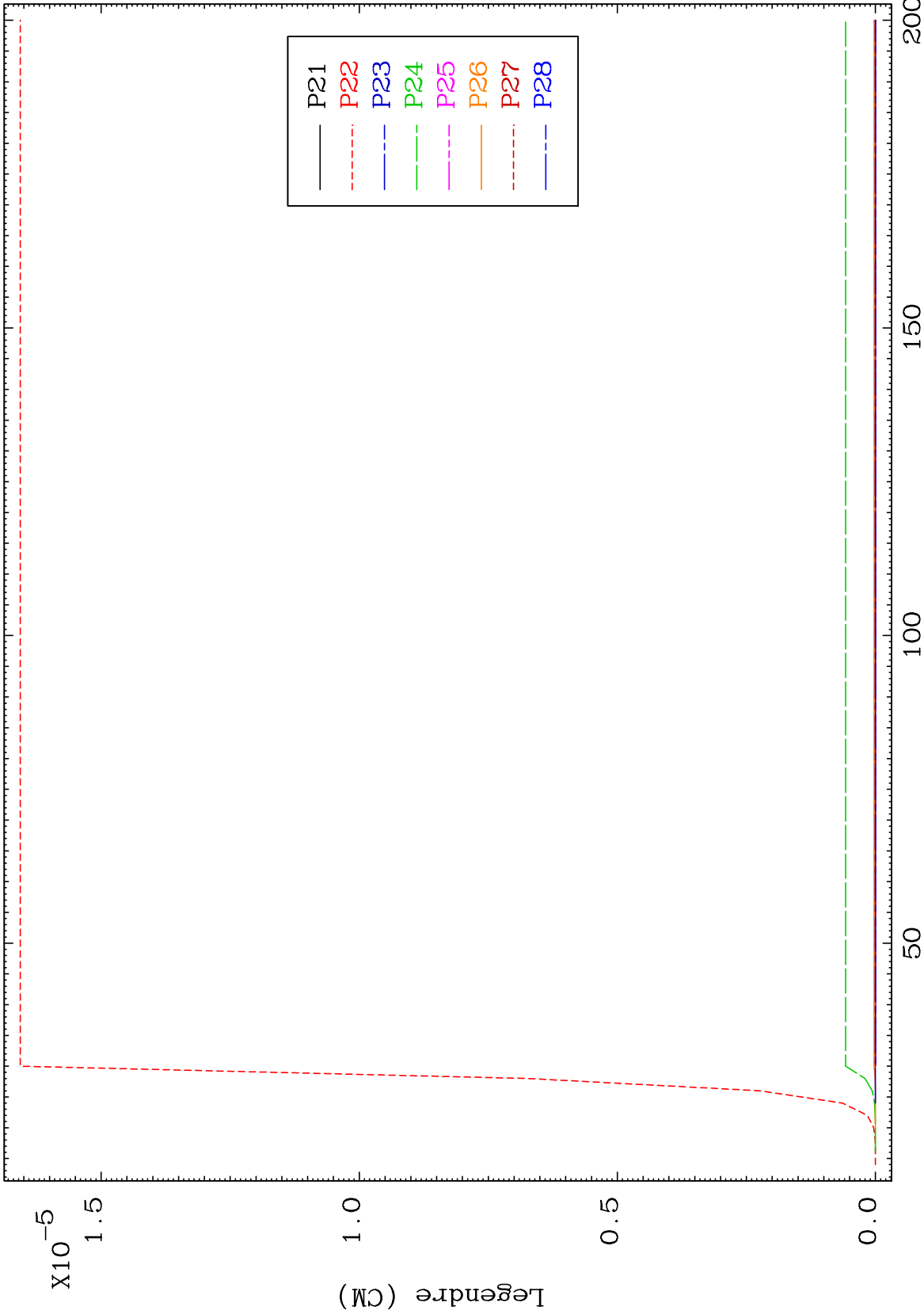
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



102

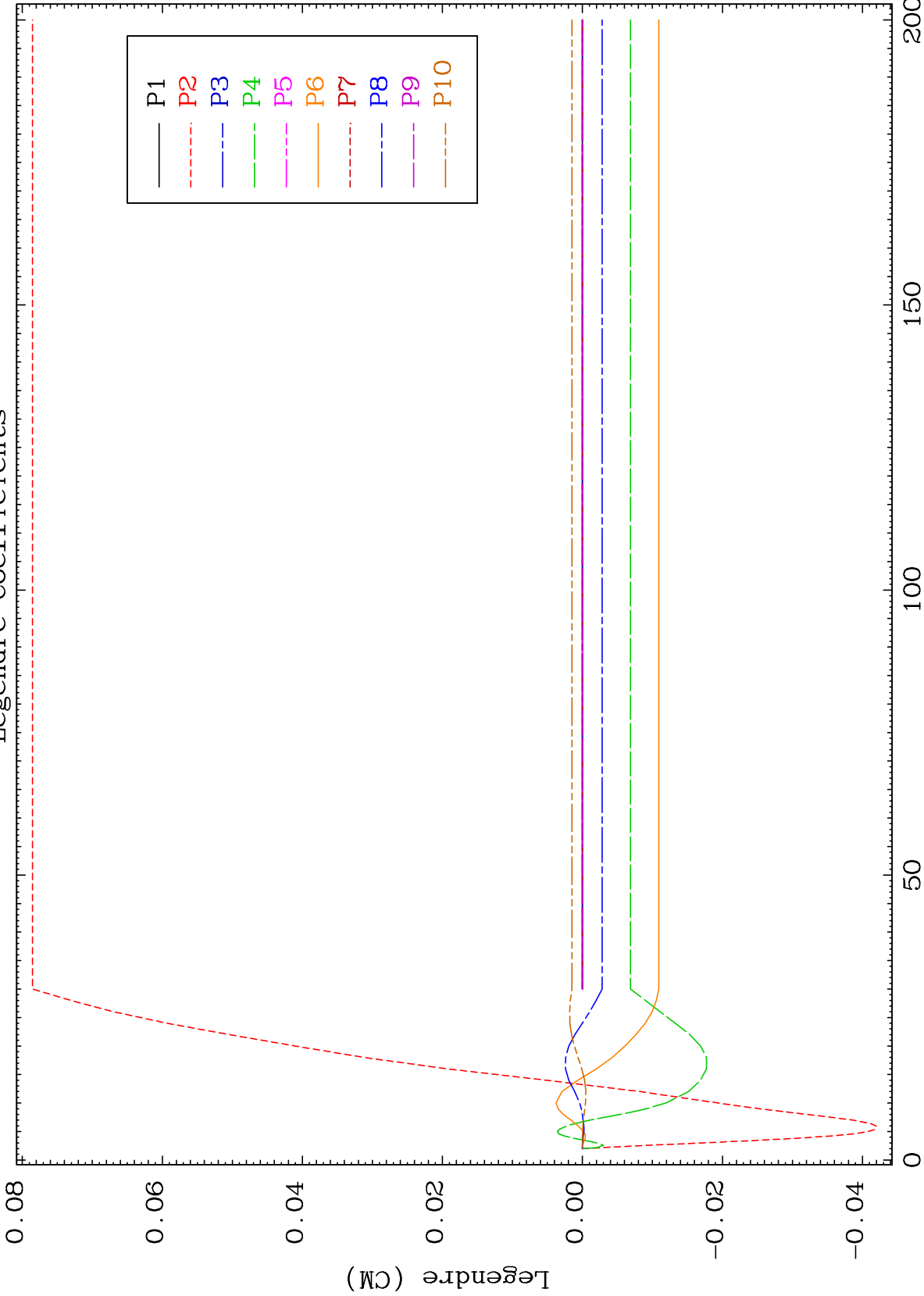
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



103

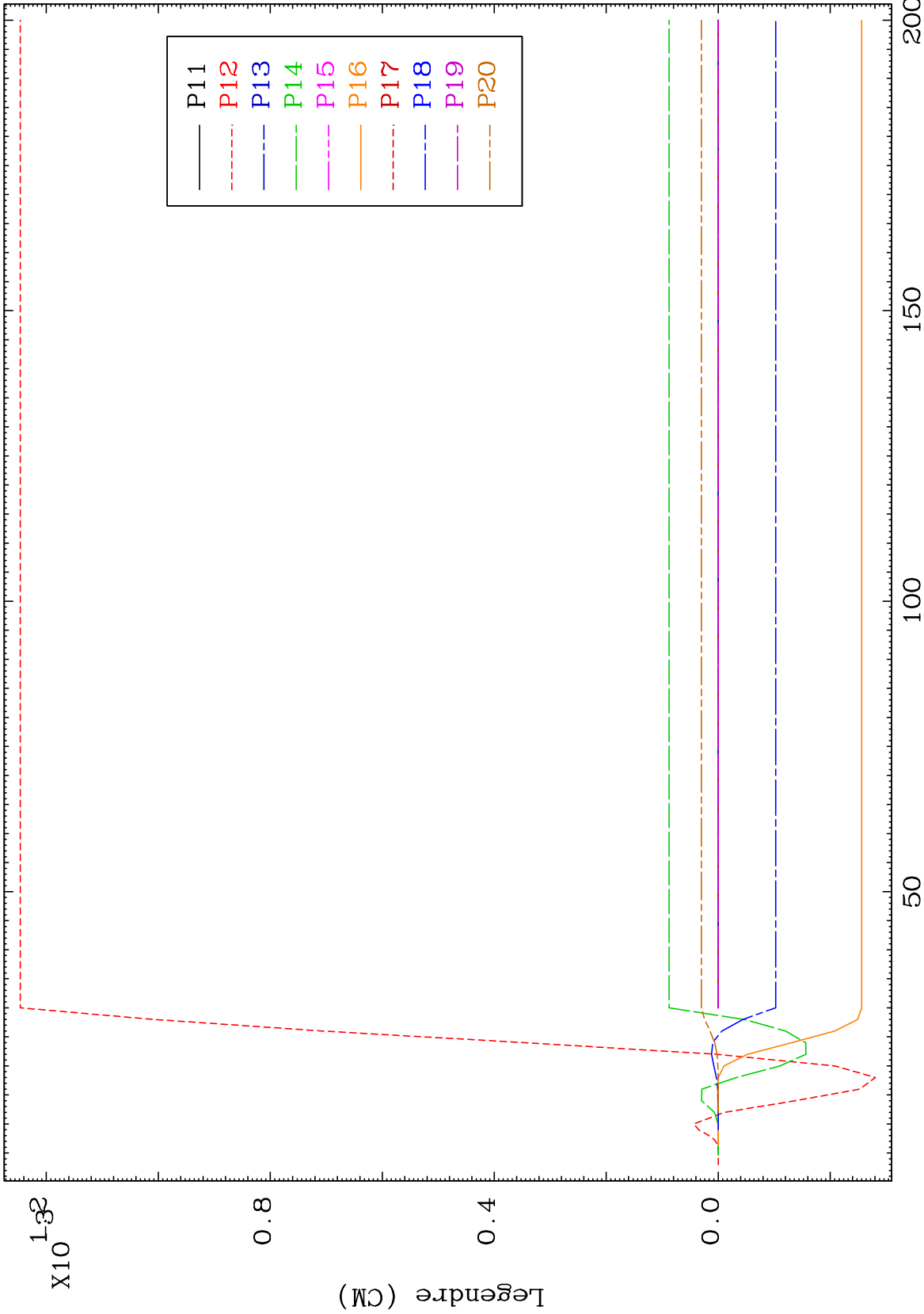
81-T1-206



MAT 8134

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

81-T1-206



104

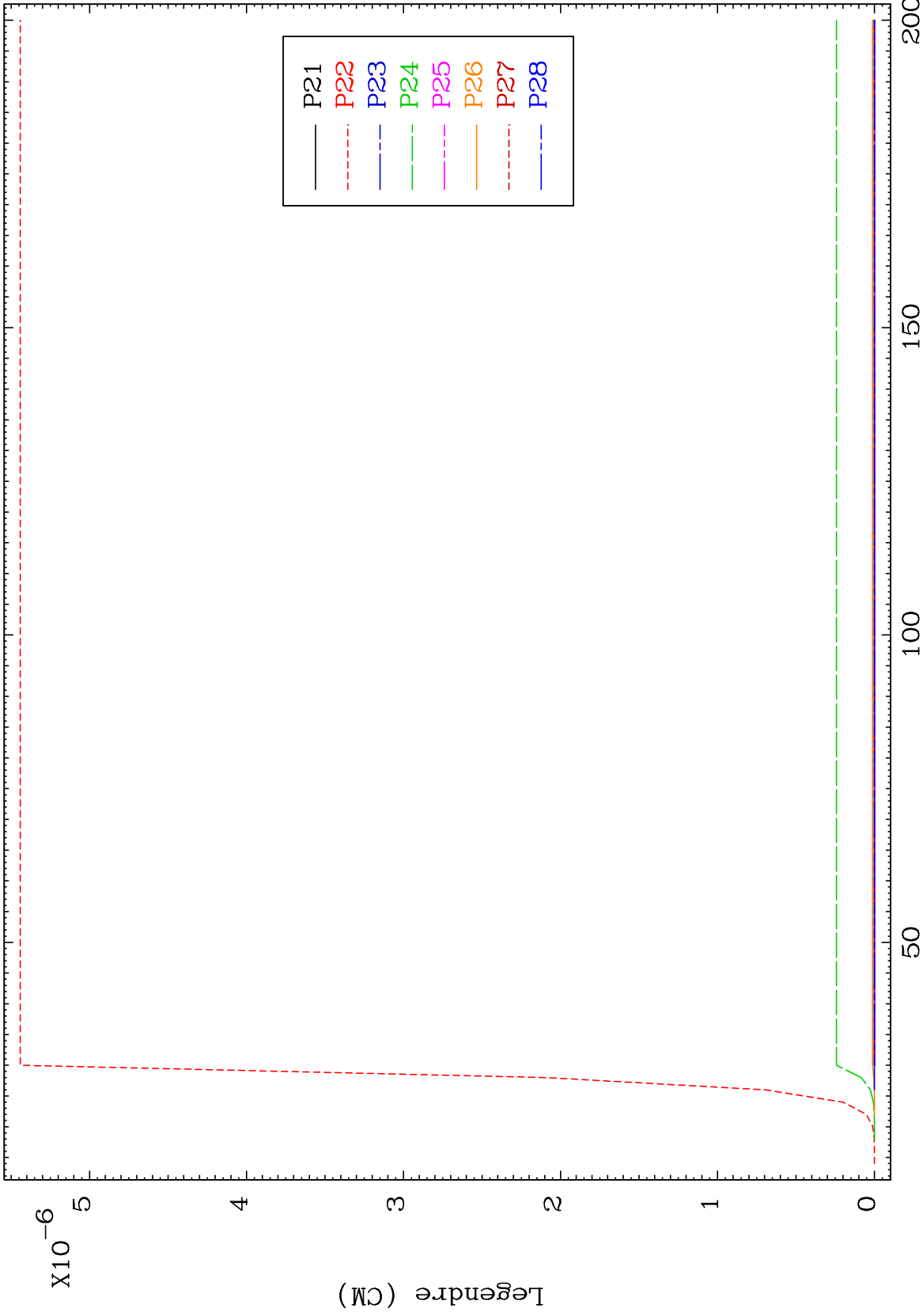
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



105

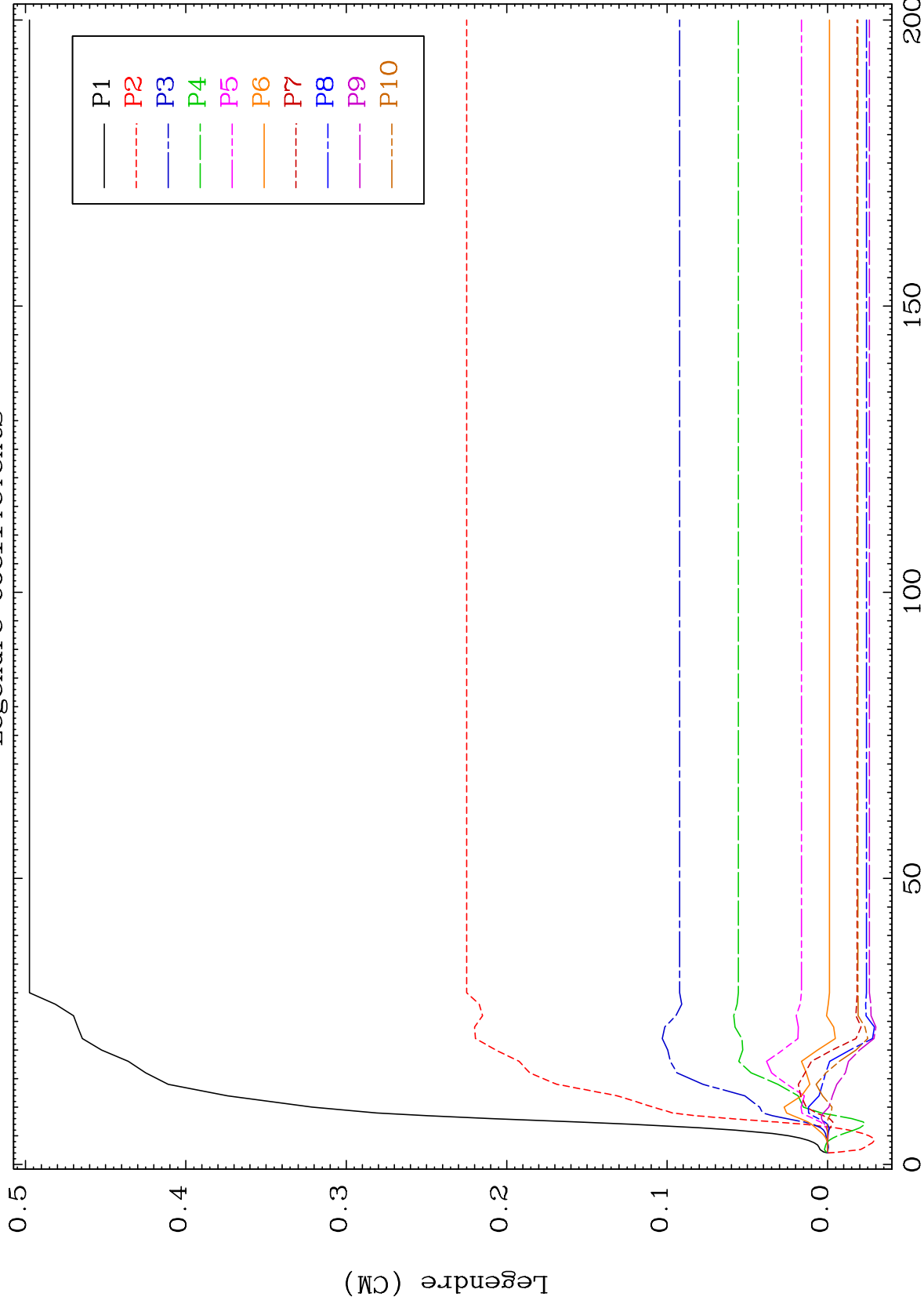
Incident Energy (MeV)

81-T1-206

MAT 8134

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

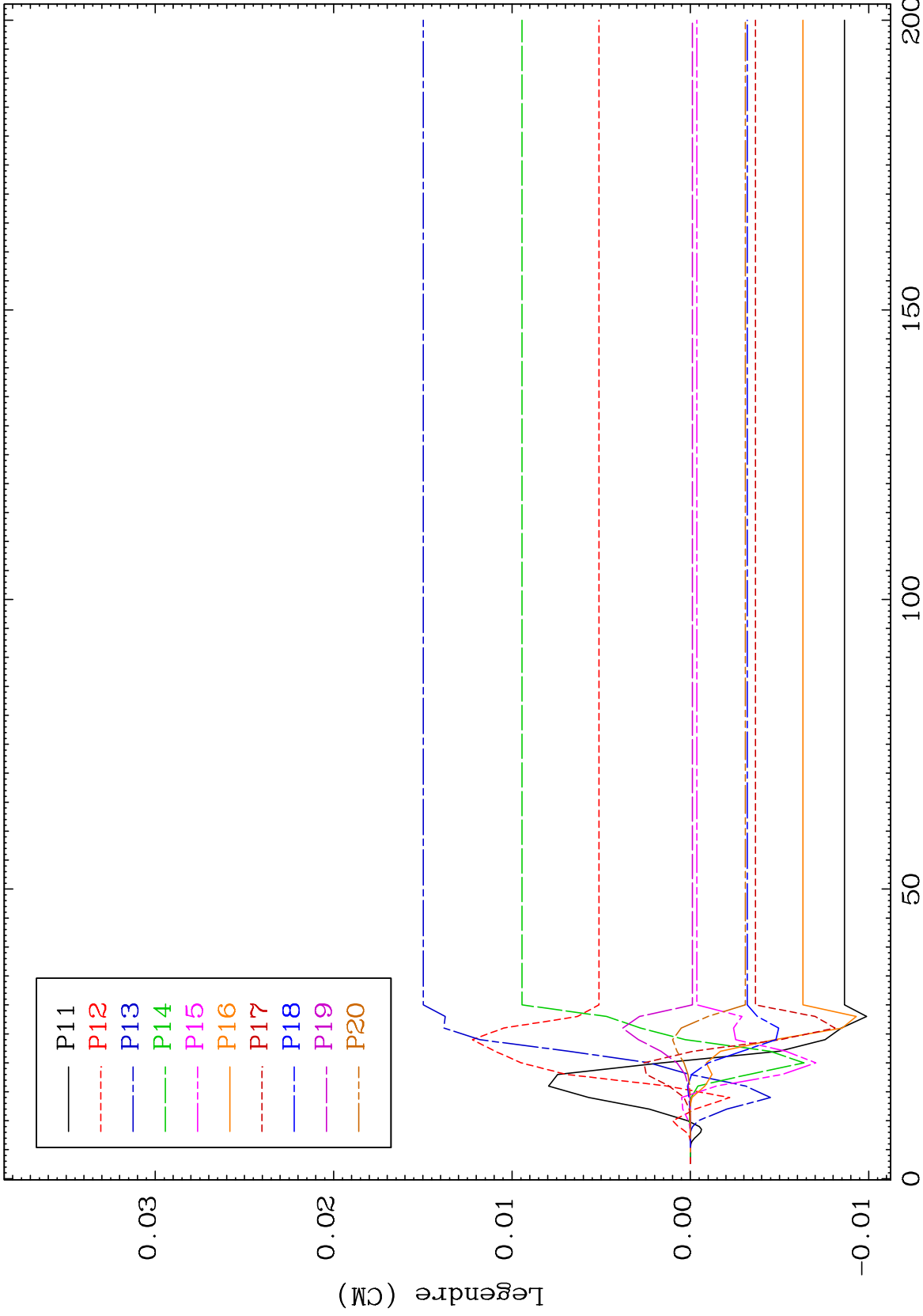
81-T1-206



106

Incident Energy (MeV)

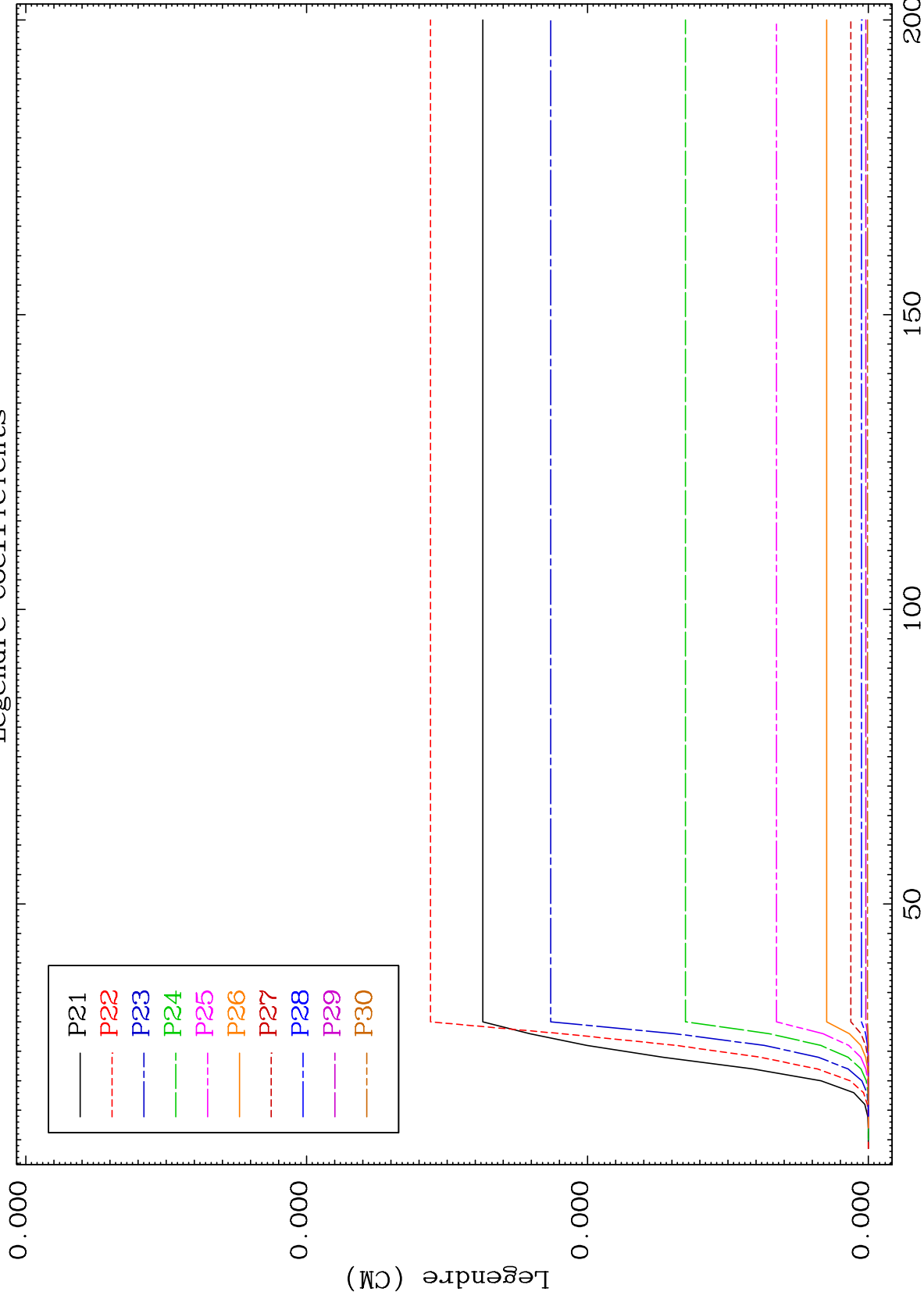
81-T1-206



MAT 8134

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

81-T1-206



108

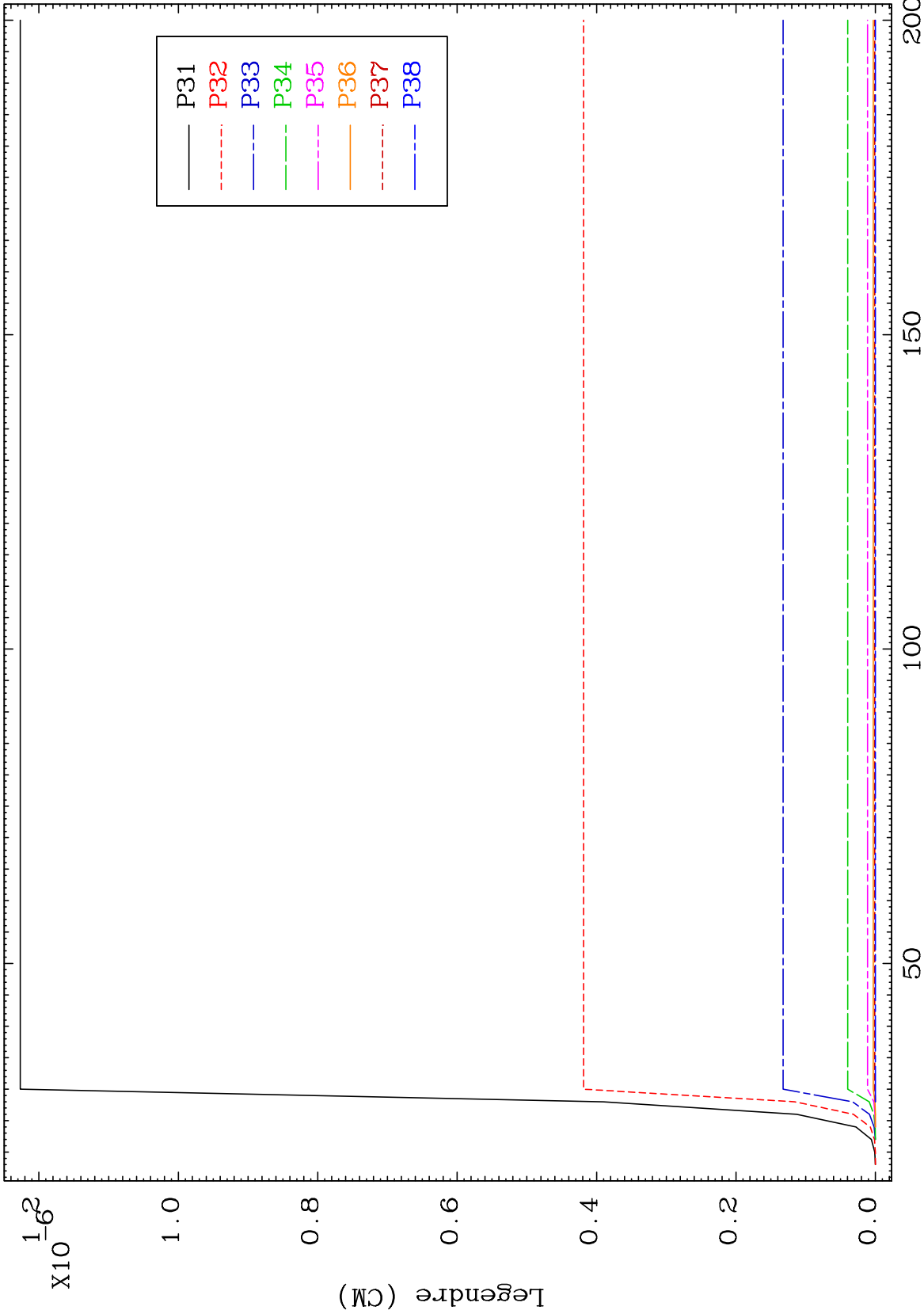
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



109

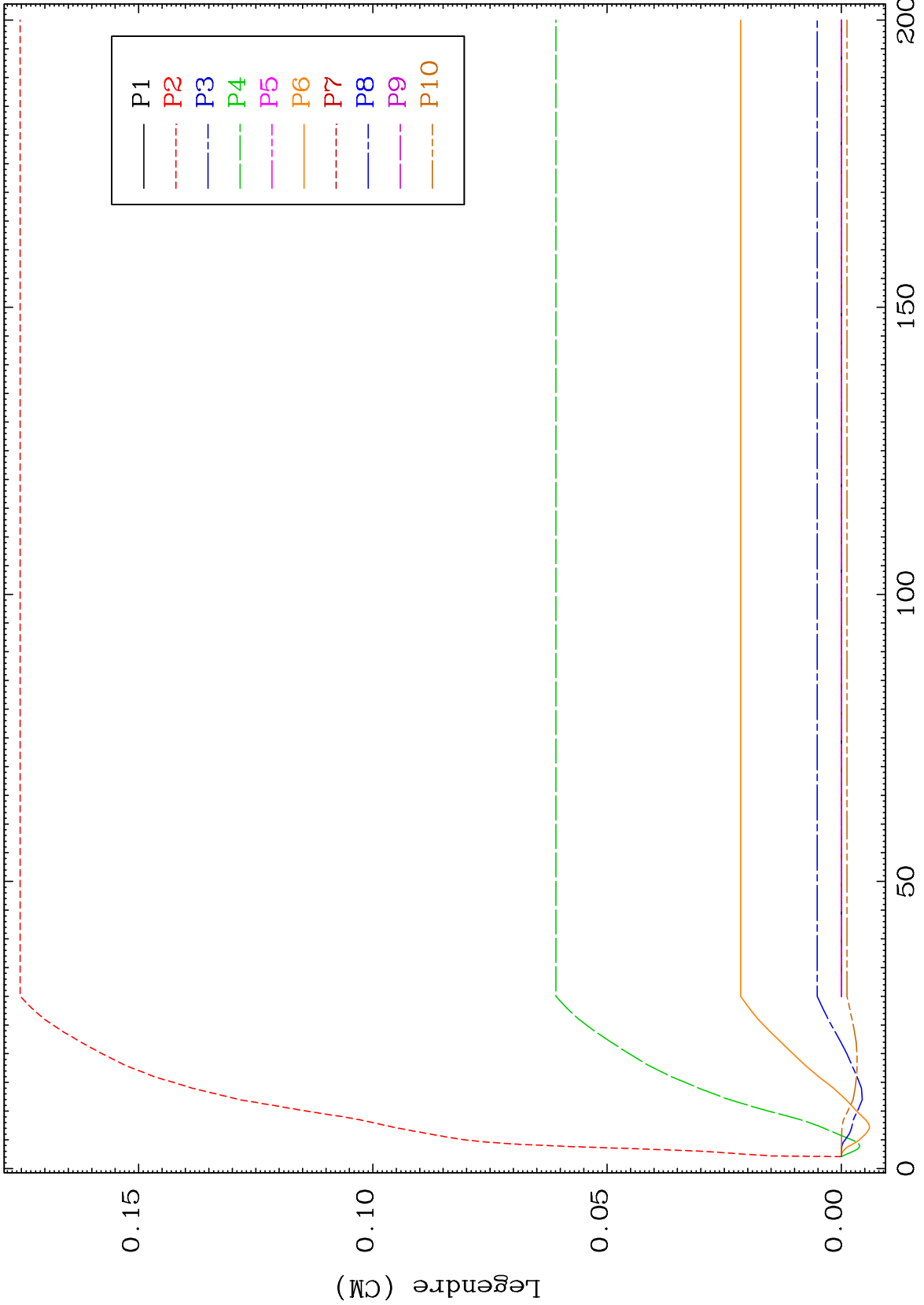
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



110

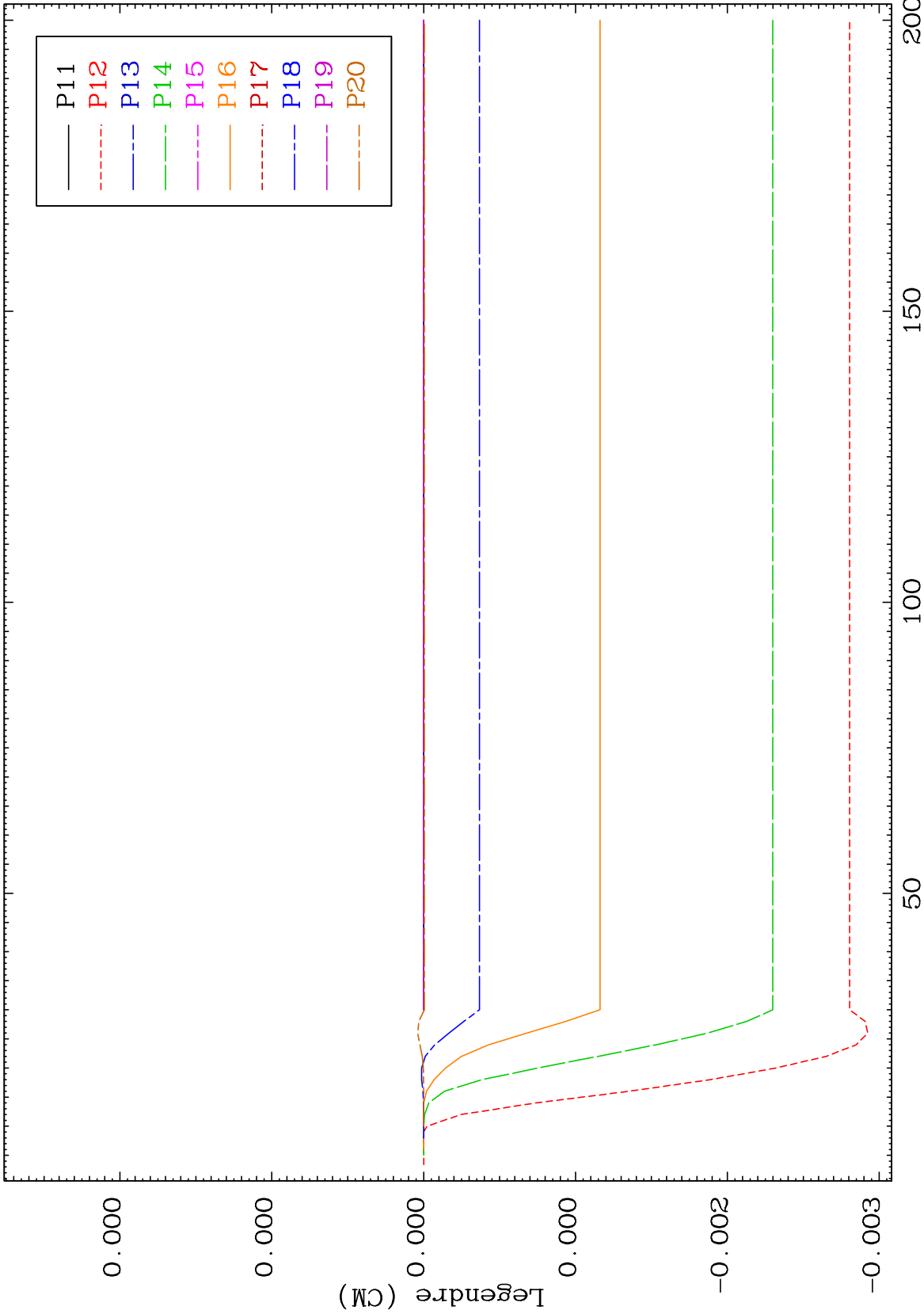
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



111

Incident Energy (MeV)

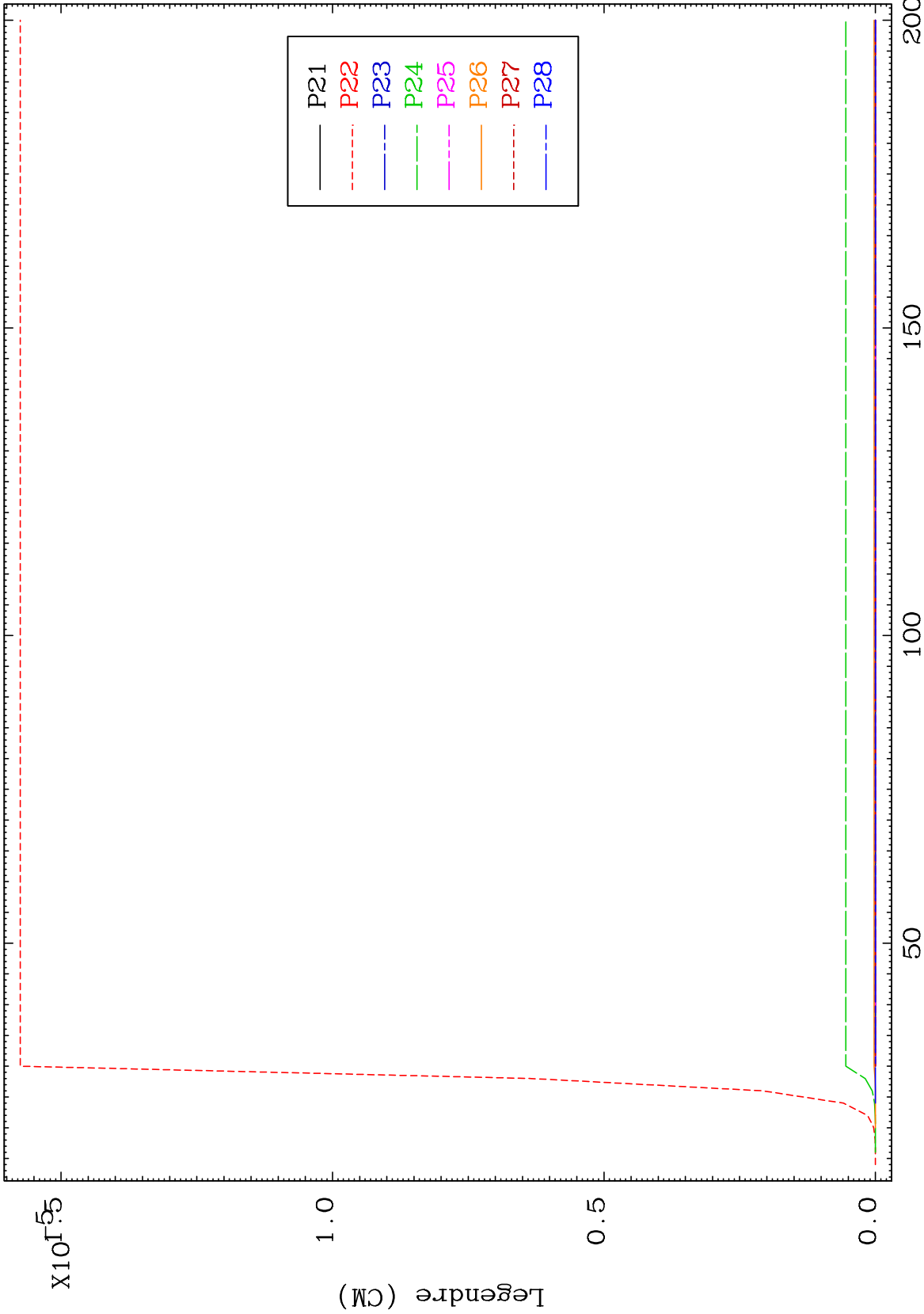
81-T1-206



MAT 8134

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

81-T1-206

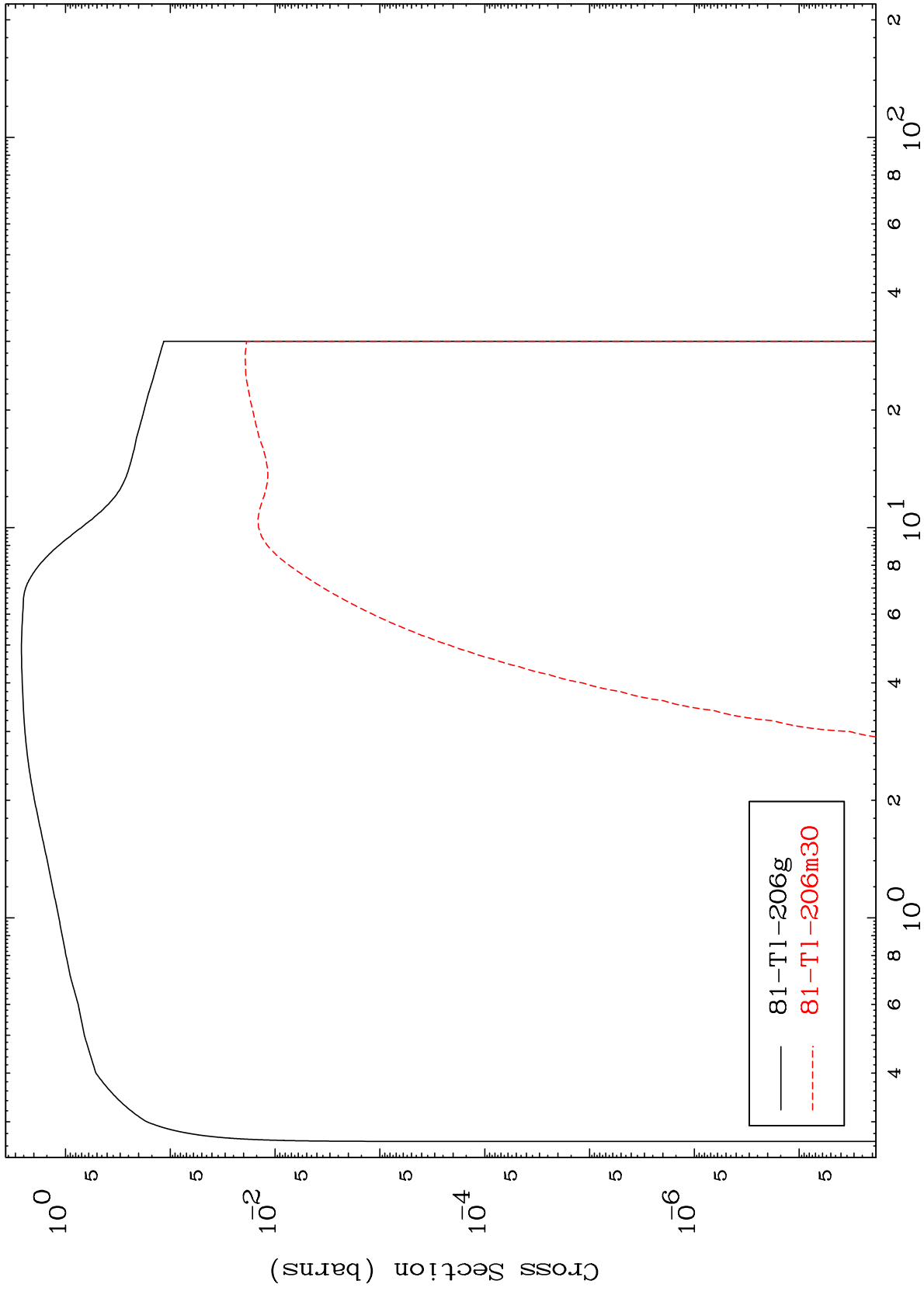


112

Incident Energy (MeV)

81-T1-206

### Inelastic Radionuclide Production Cross Section

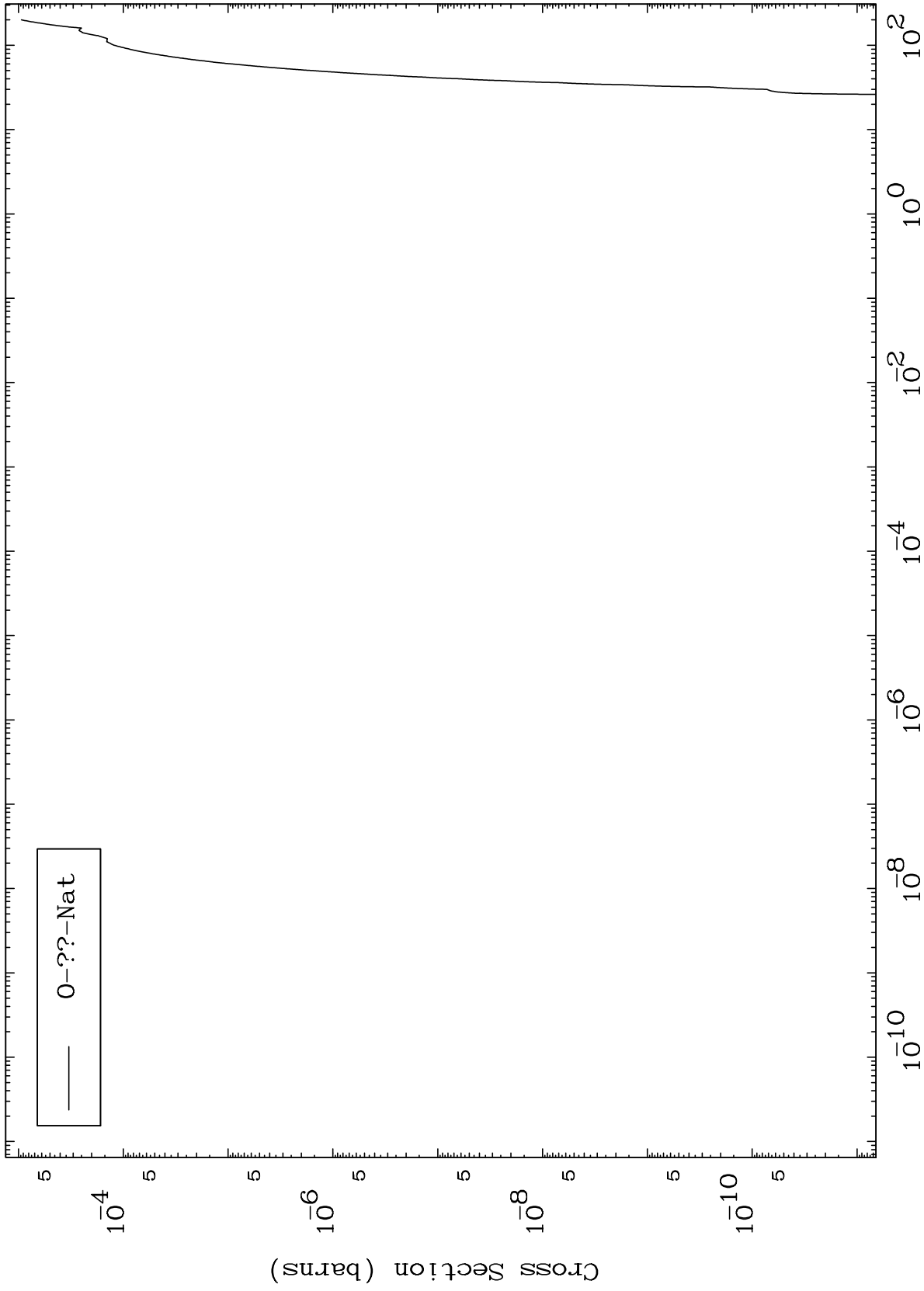


MAT 8134

Fission

81-Tl-206

Radionuclide Production Cross Section



114

Incident Energy (MeV)

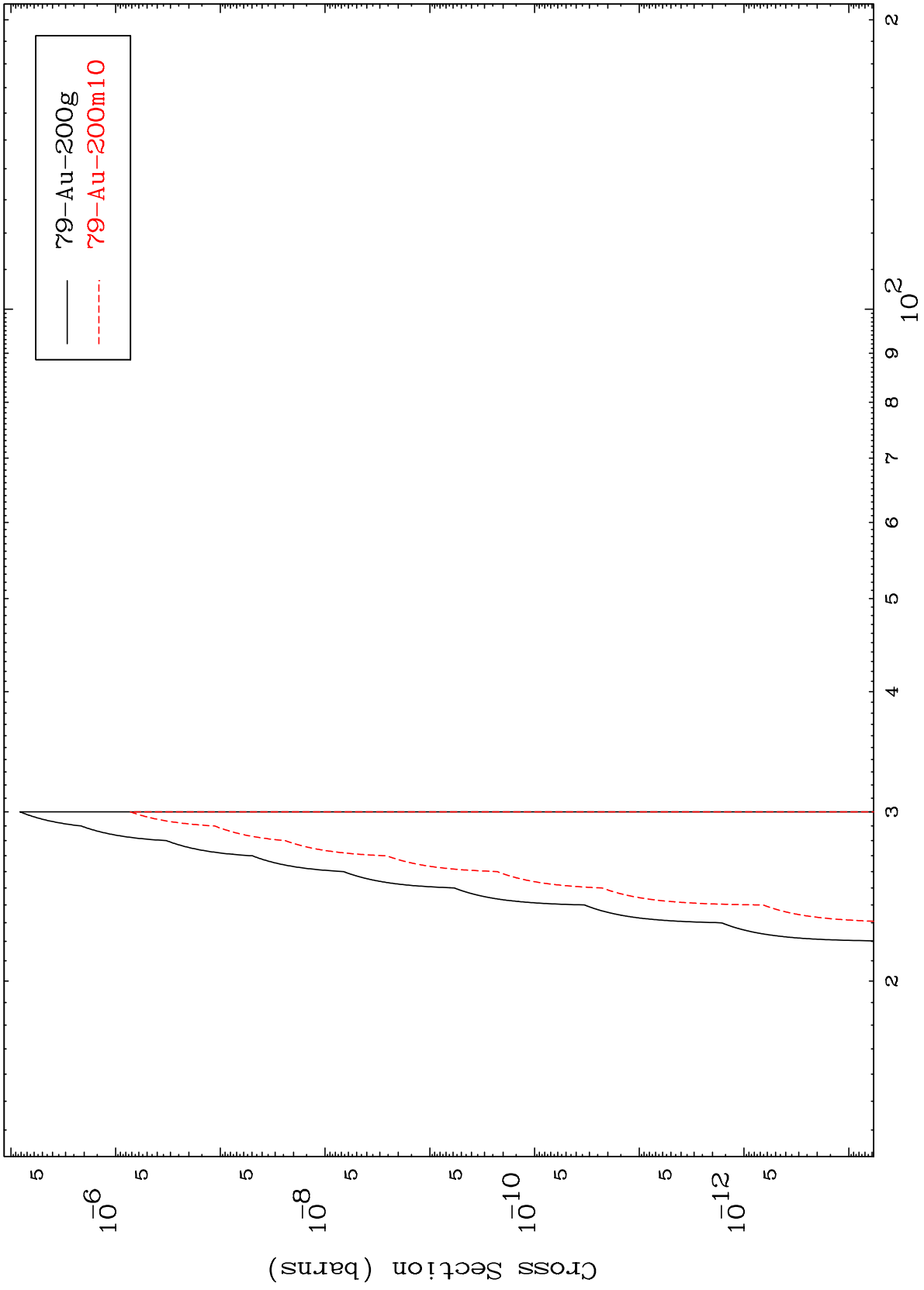
81-Tl-206

MAT 8134

(n,3n)  $\alpha$

81-Tl-206

Radionuclide Production Cross Section



115

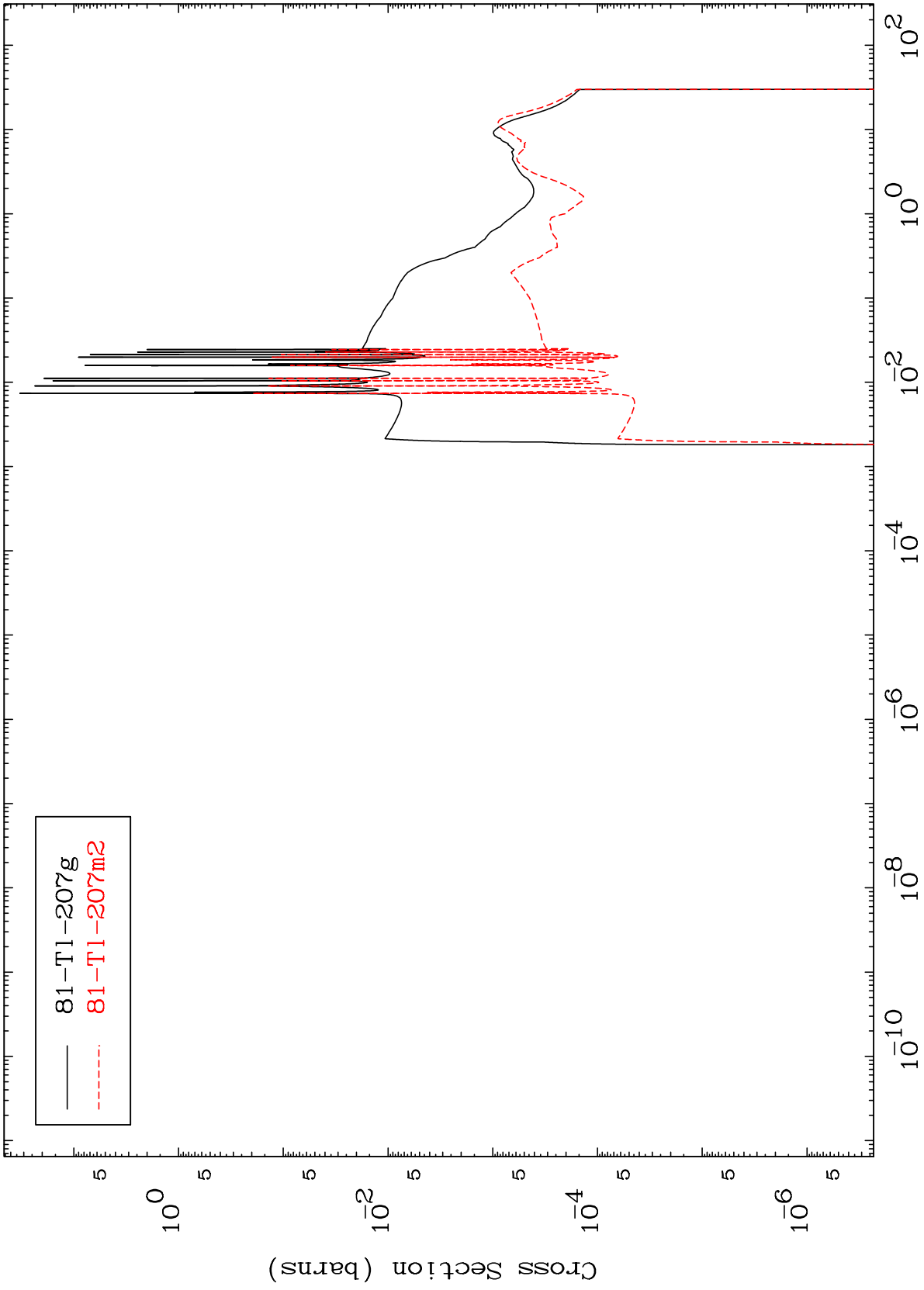
Incident Energy (MeV)

81-Tl-206

MAT 8134

81-Tl-206

Radionuclide Production Cross Section  
(n,γ)



116

81-Tl-206