

Program EVALPLOT
(Version 2017-1)

by

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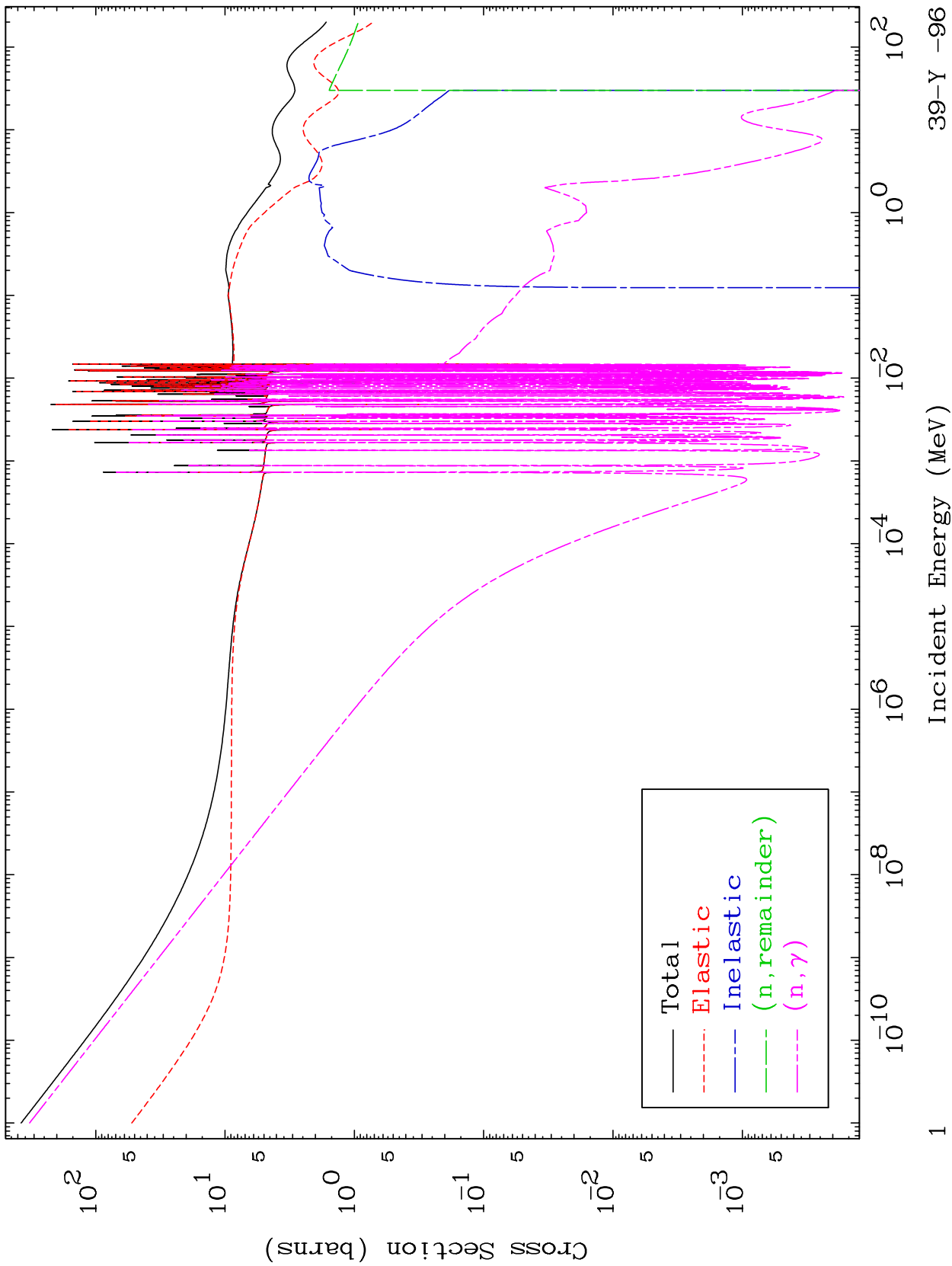
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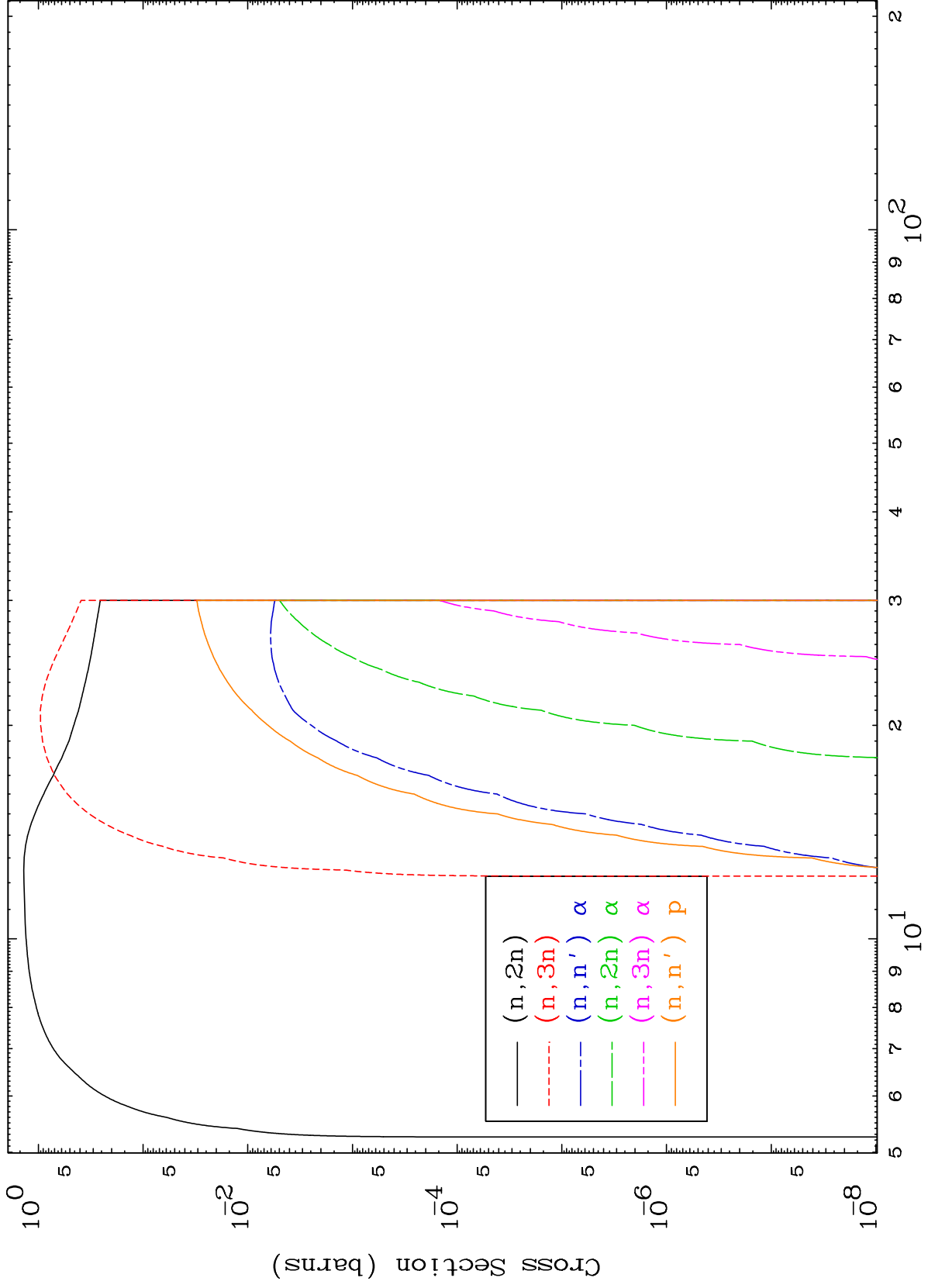
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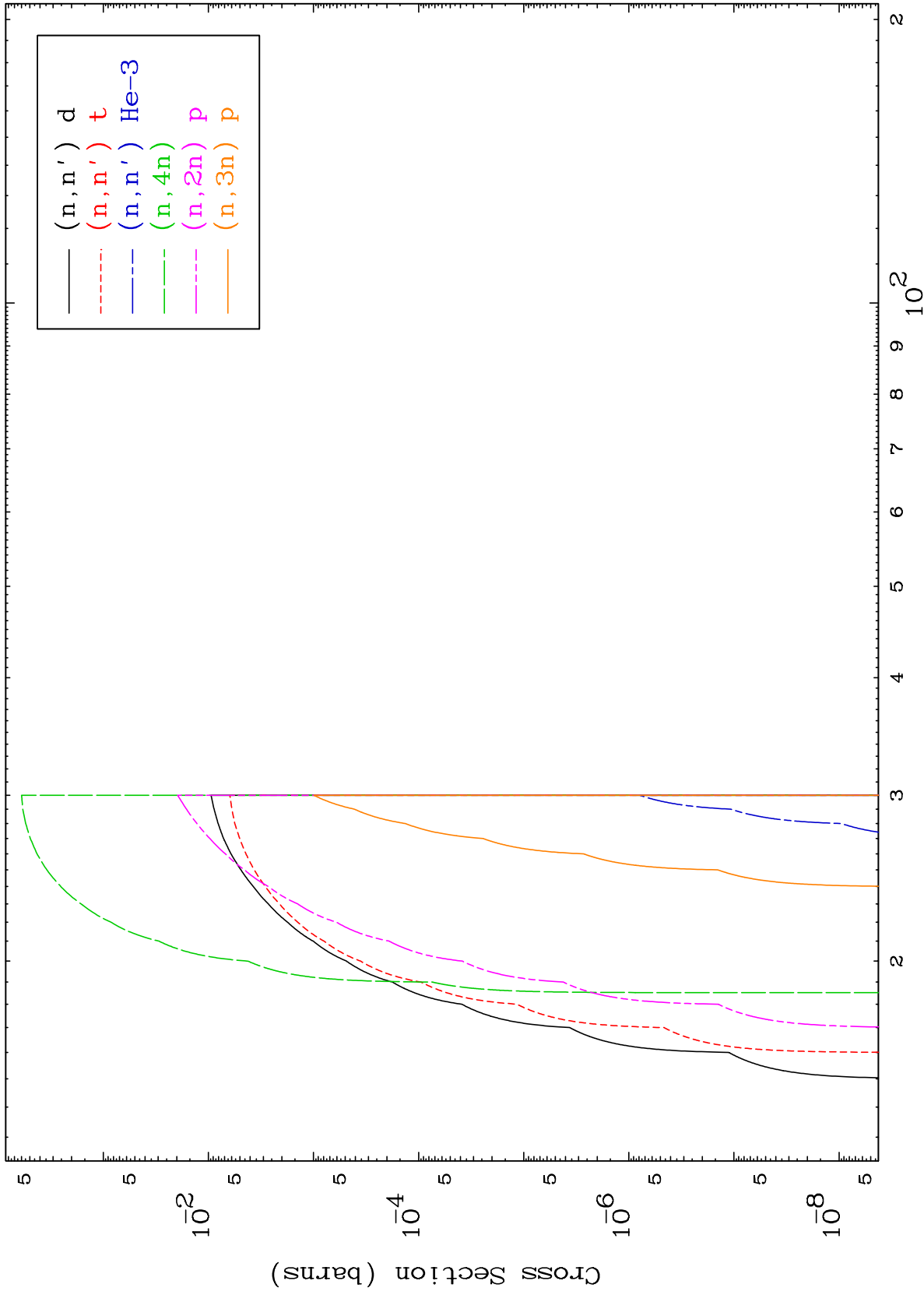
MAT 3946

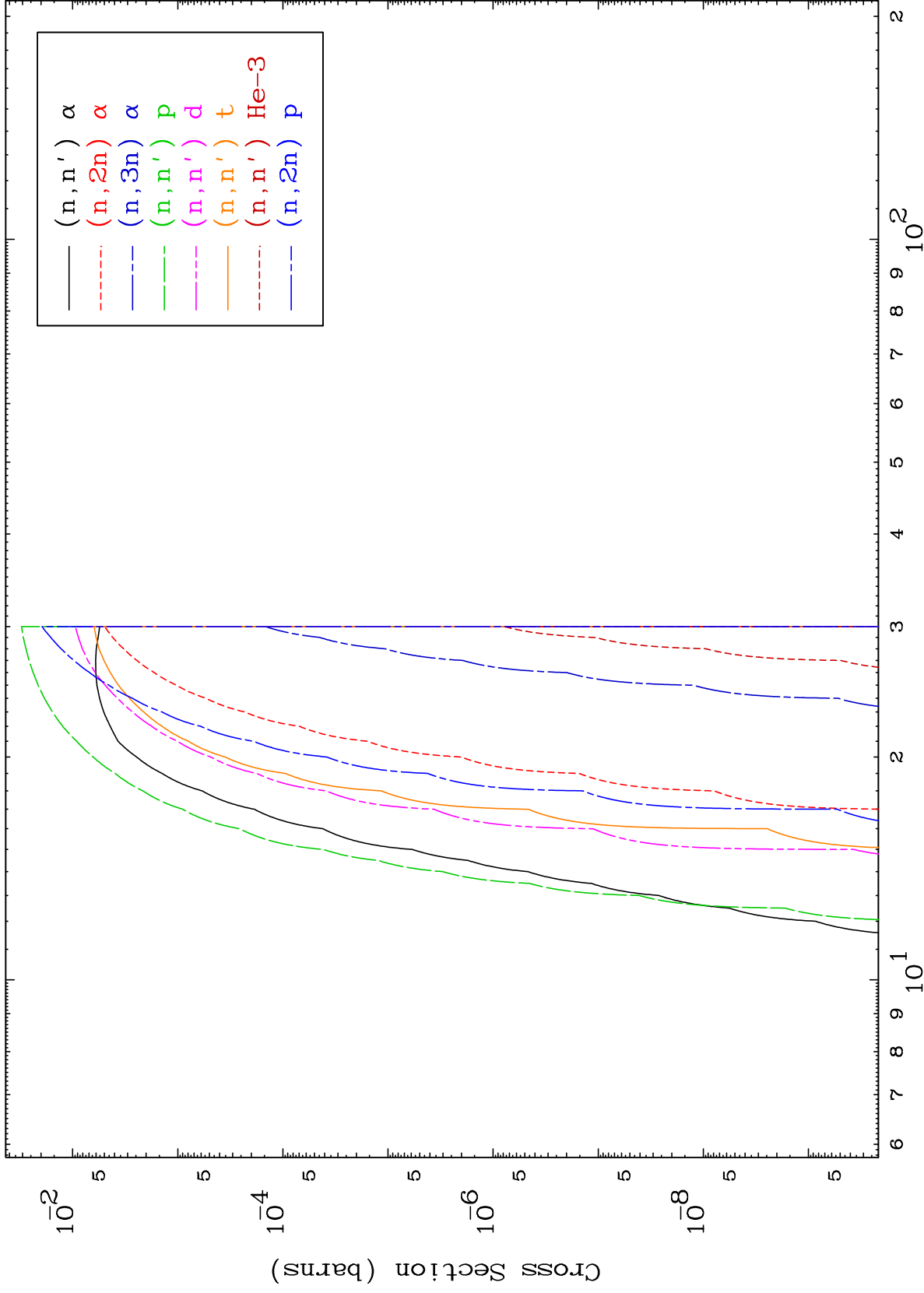
Major
293 Kelvin Cross Sections

39-Y -96





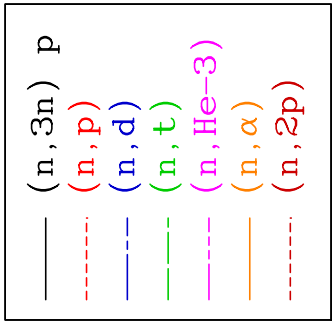
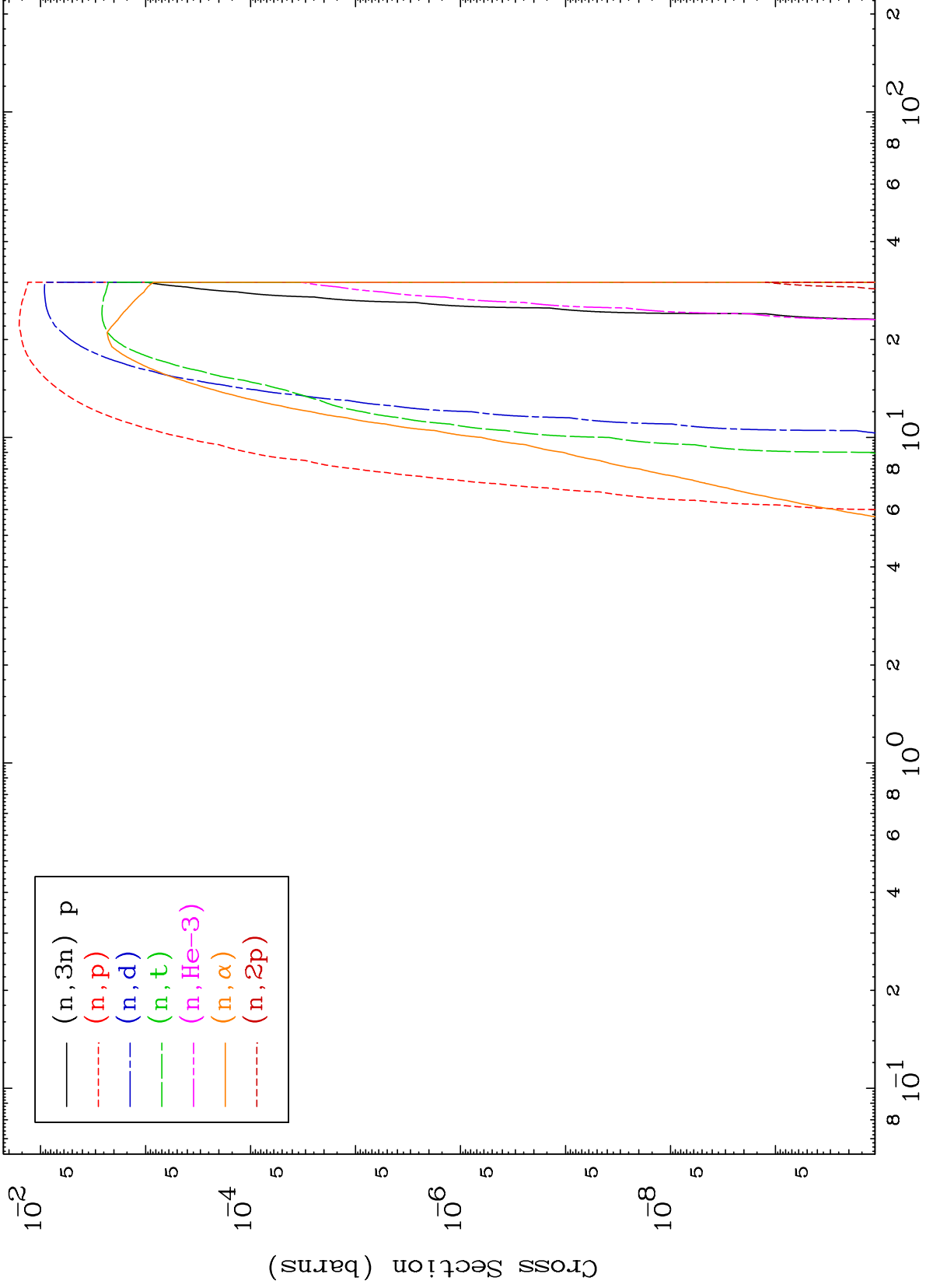




MAT 3946

Charged Particle
293 Kelvin Cross Sections

39-Y -96



5

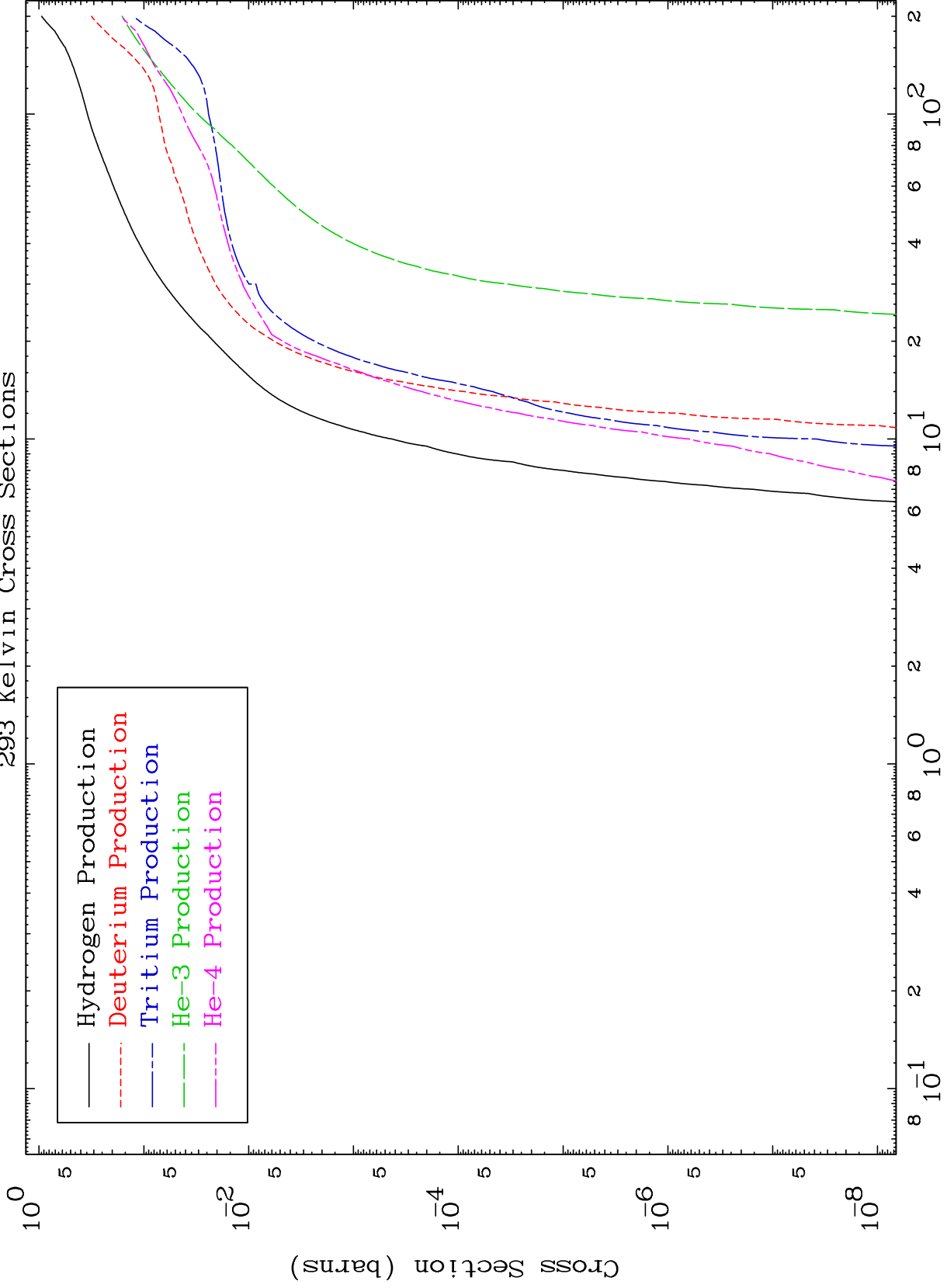
Incident Energy (MeV)

39-Y -96

MAT 3946

Particle Production
293 Kelvin Cross Sections

39-Y -96

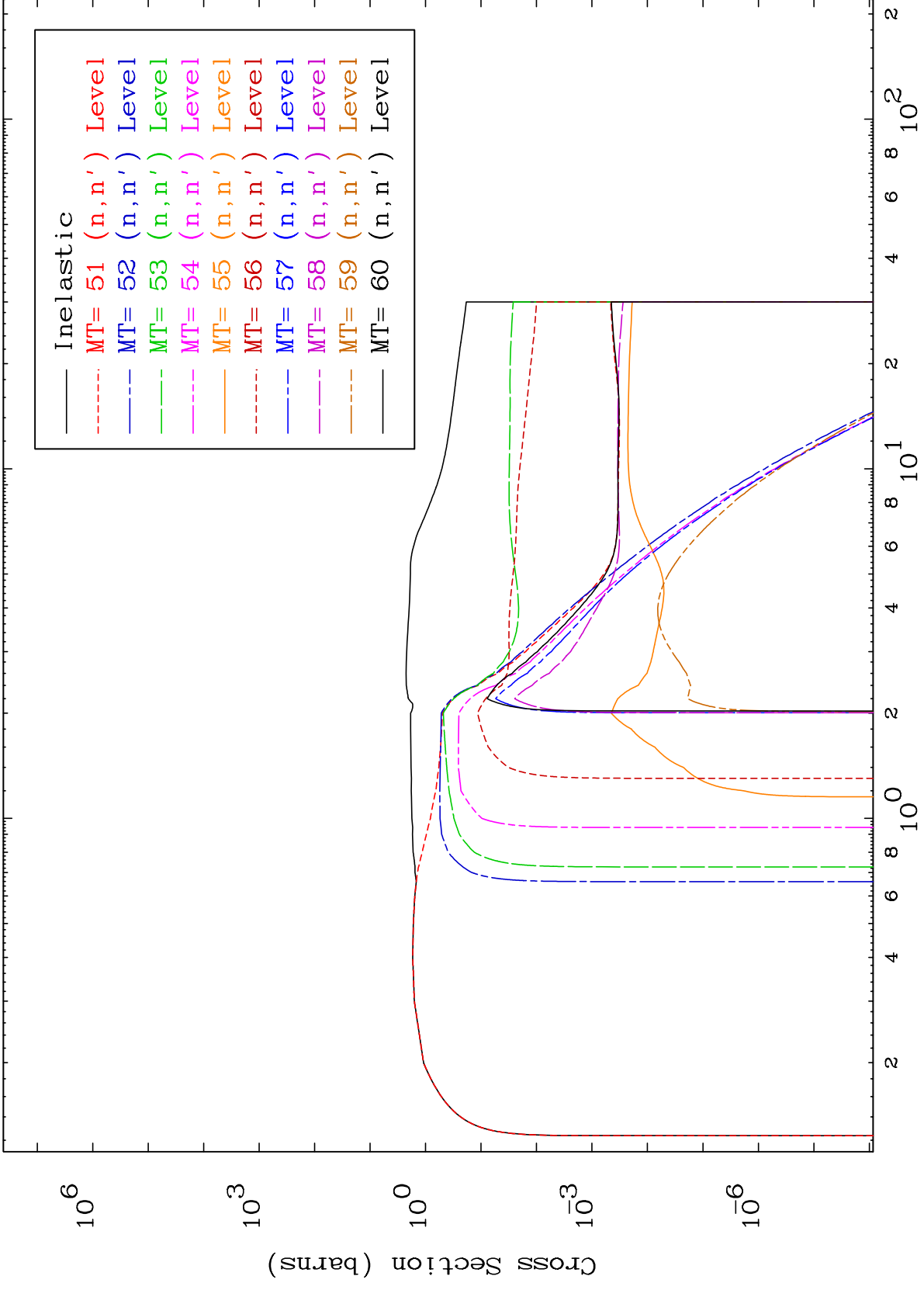


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Incident Energy (MeV)

39-Y -96

293 Kelvin Cross Sections

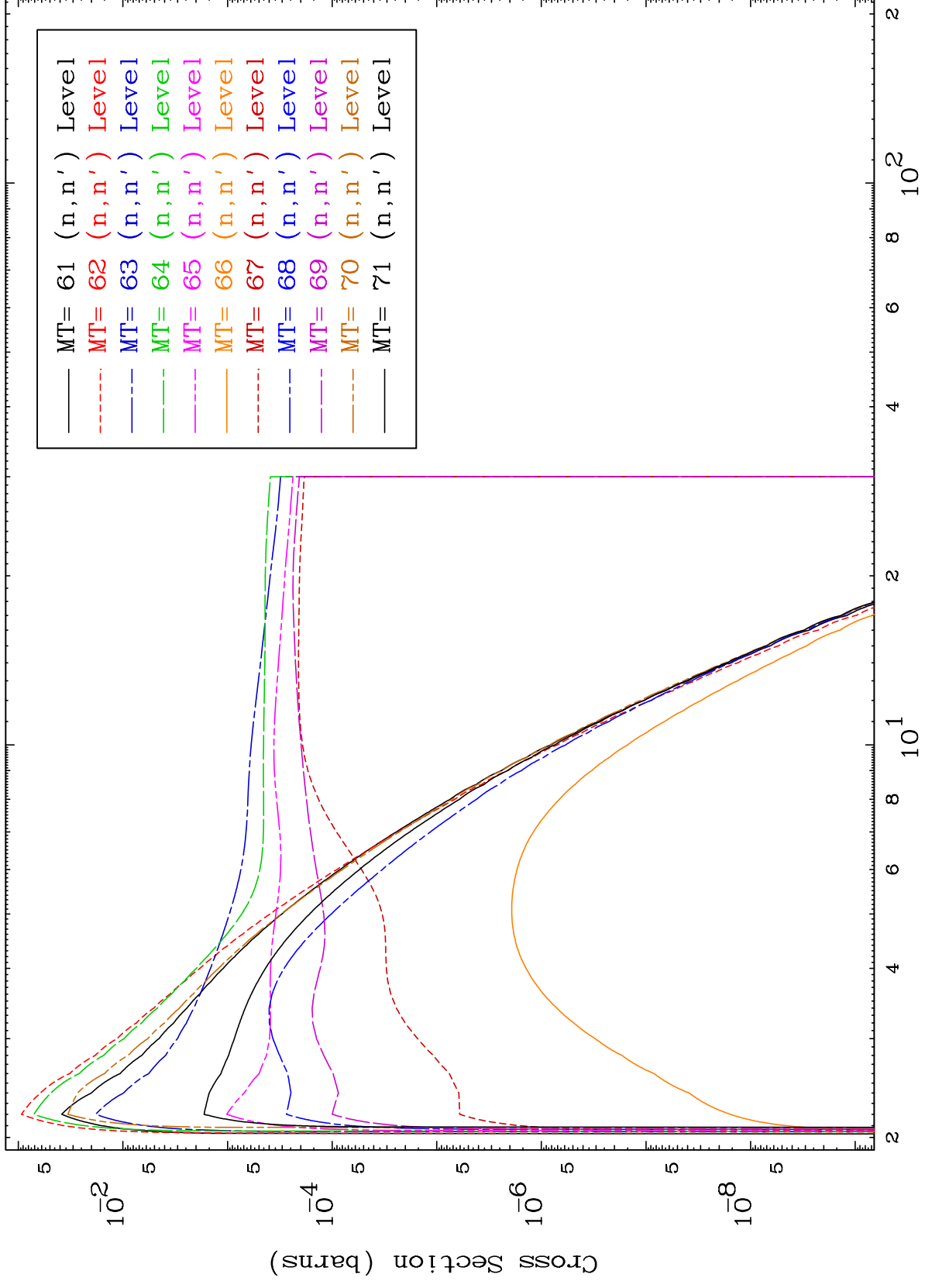


MAT 3946

(n,n') Level

293 Kelvin Cross Sections

39-Y -96

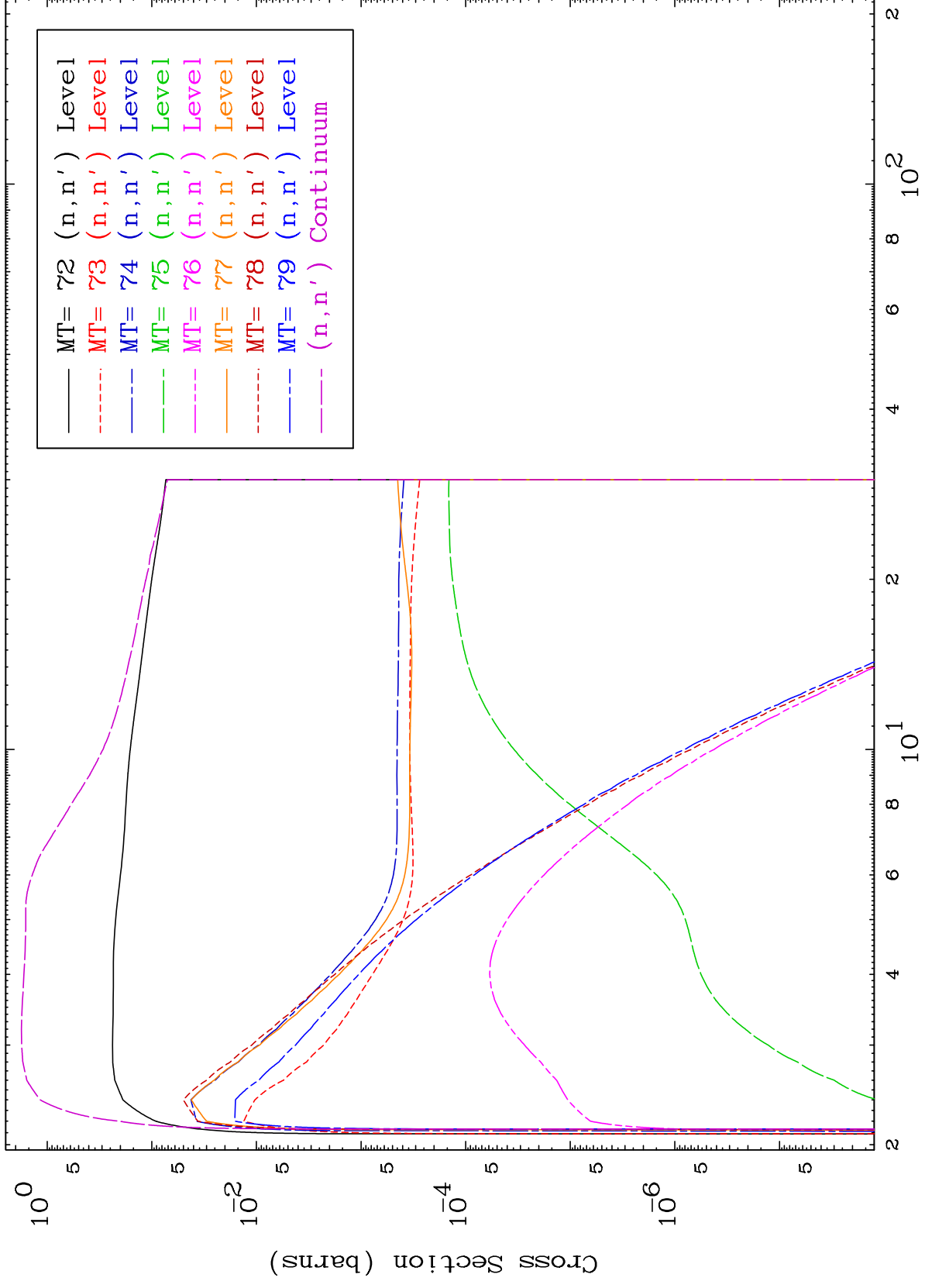


8

Incident Energy (MeV)

39-Y -96

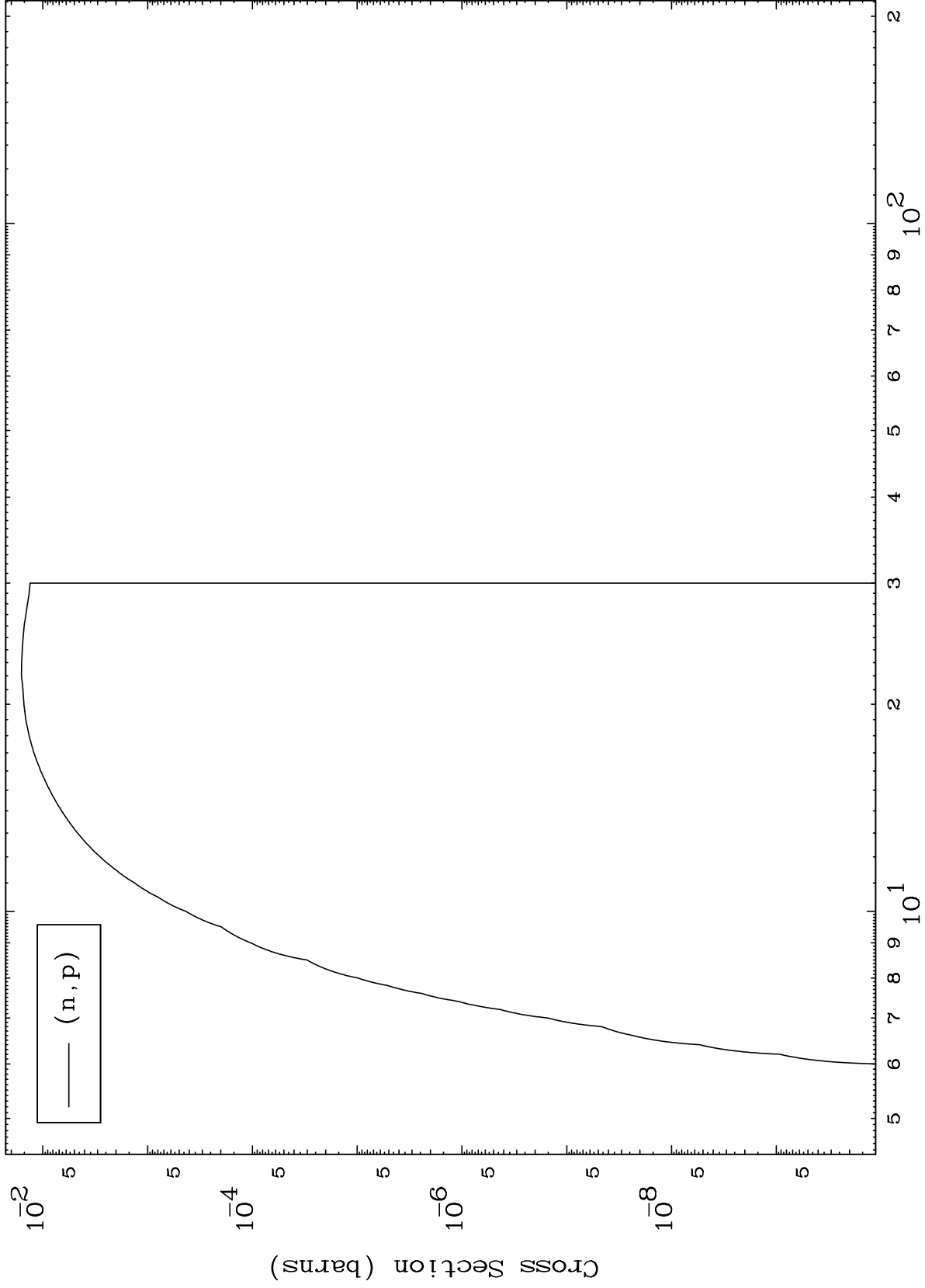
293 Kelvin Cross Sections



MAT 3946

(n,p) Levels
293 Kelvin Cross Sections

39-Y -96



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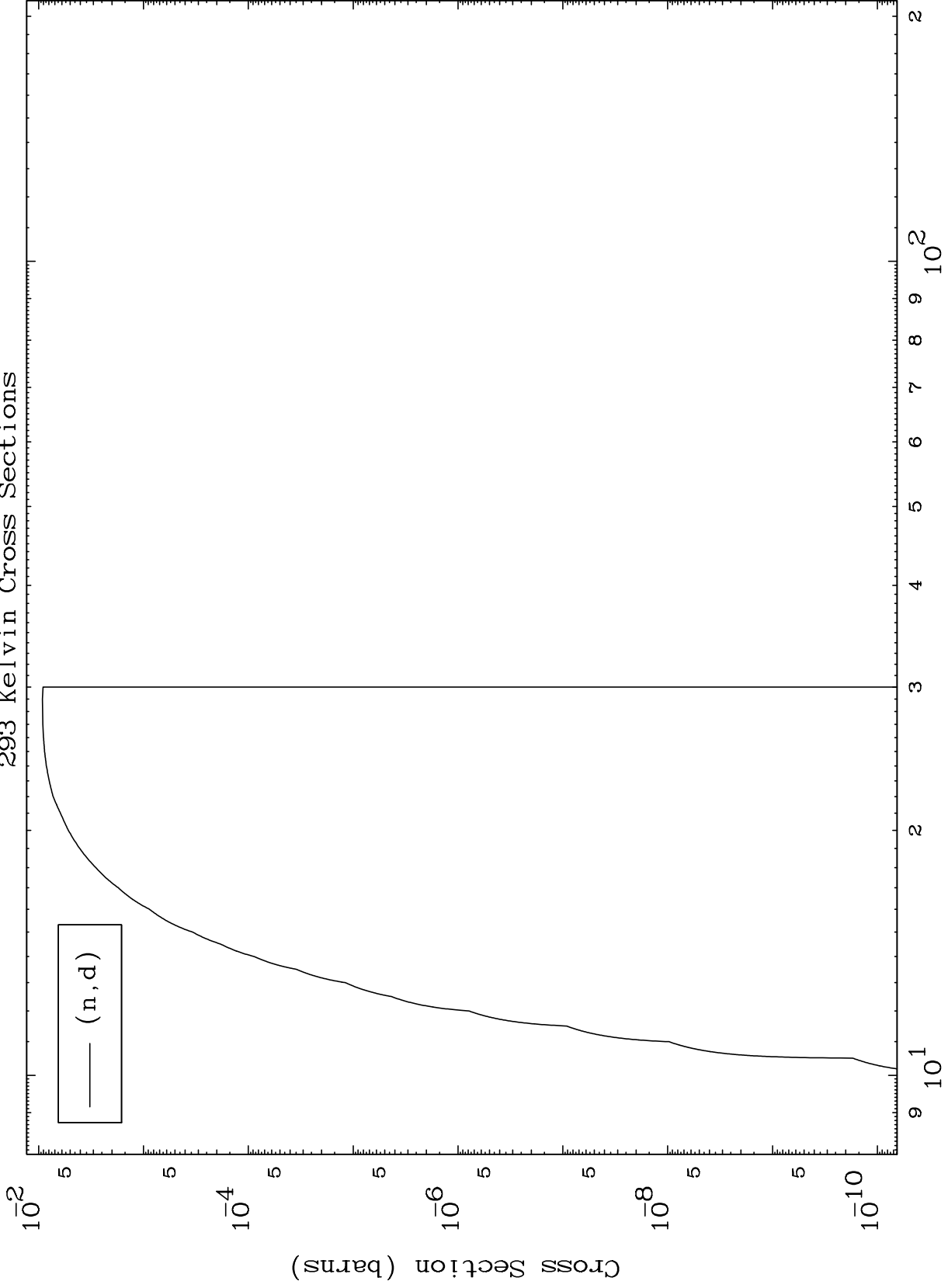
Incident Energy (MeV)

39-Y -96

MAT 3946

(n,d) Levels
293 Kelvin Cross Sections

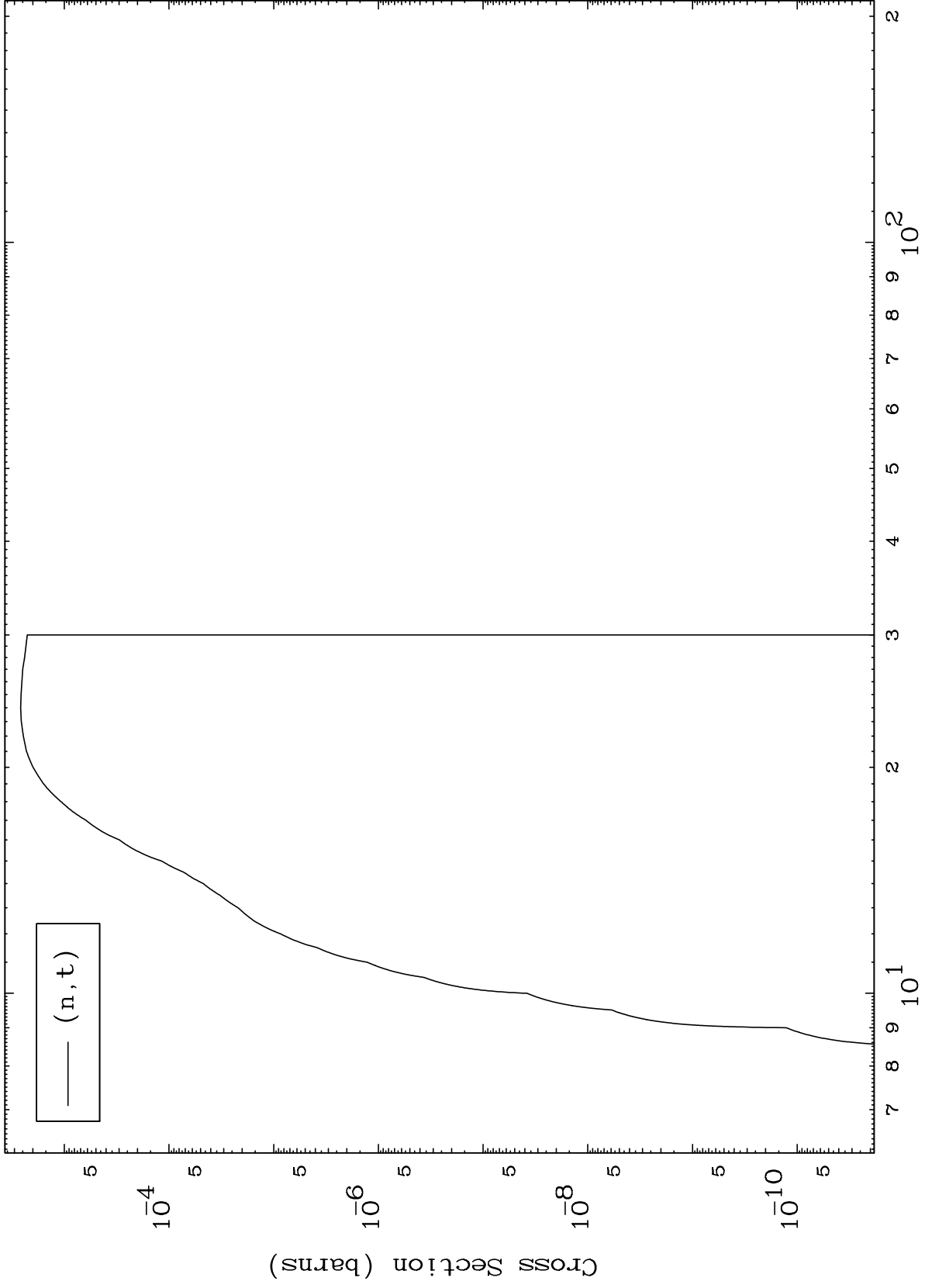
39-Y -96

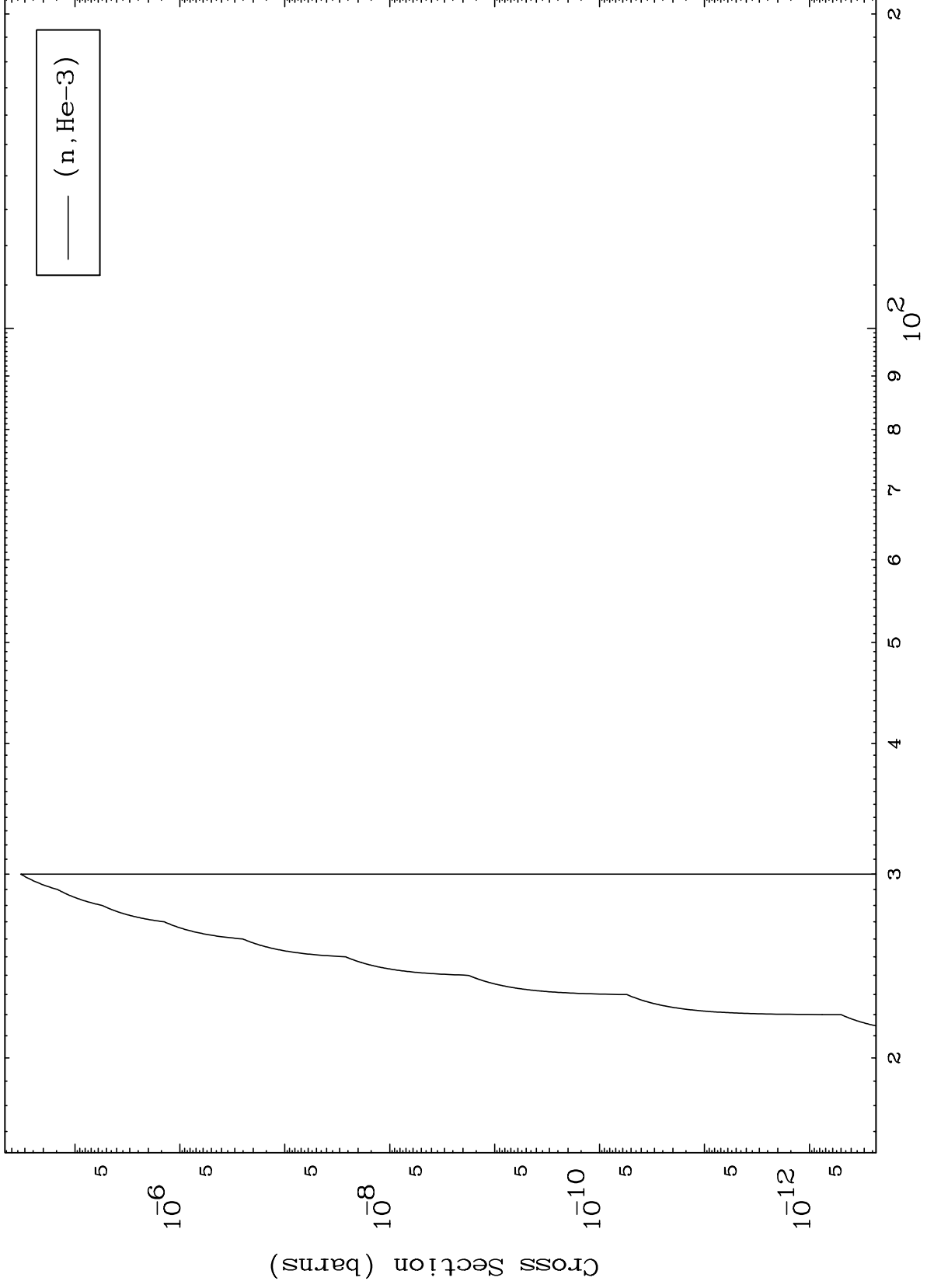


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Incident Energy (MeV)

39-Y -96

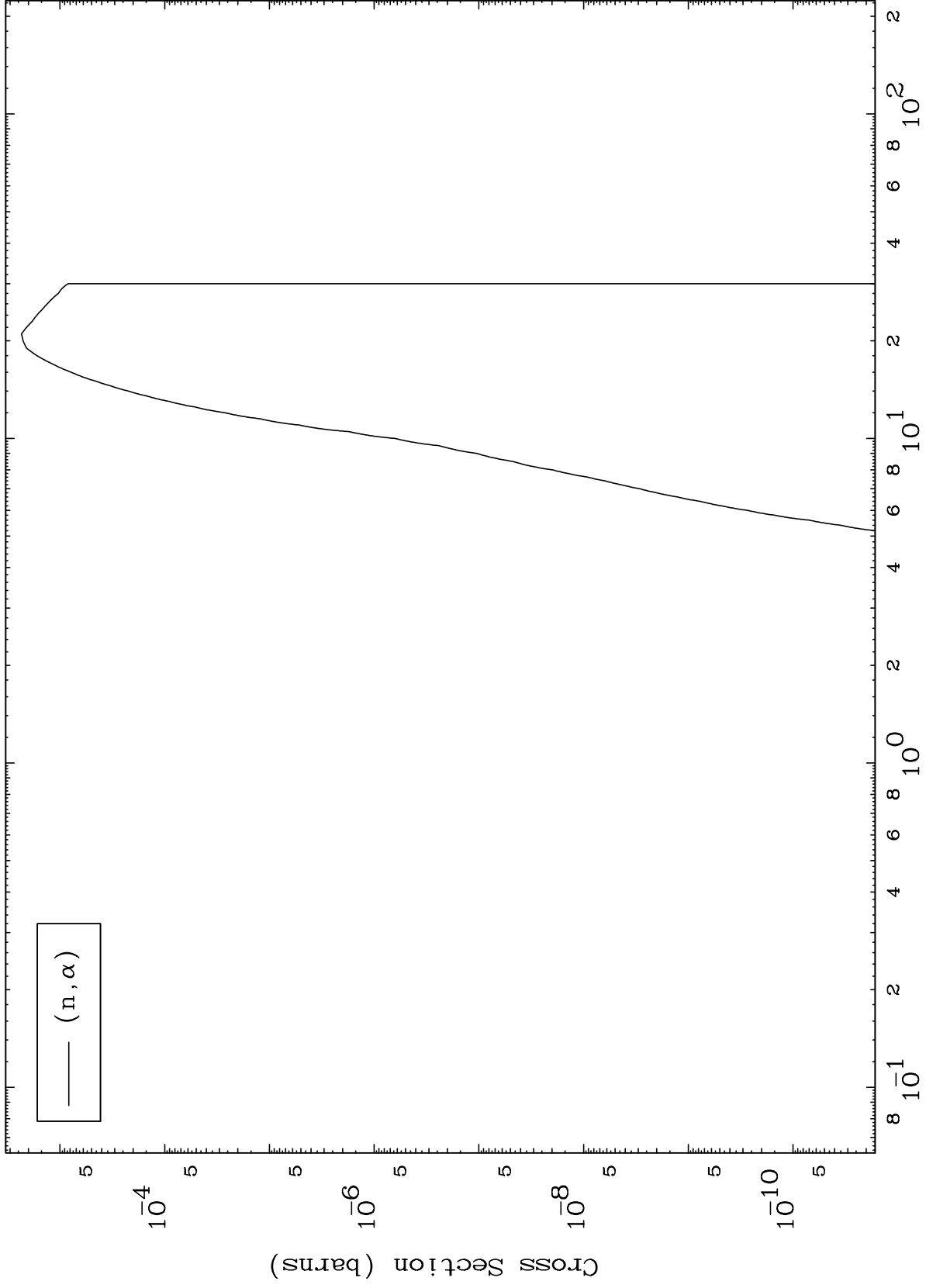




MAT 3946

(n, α) Levels
293 Kelvin Cross Sections

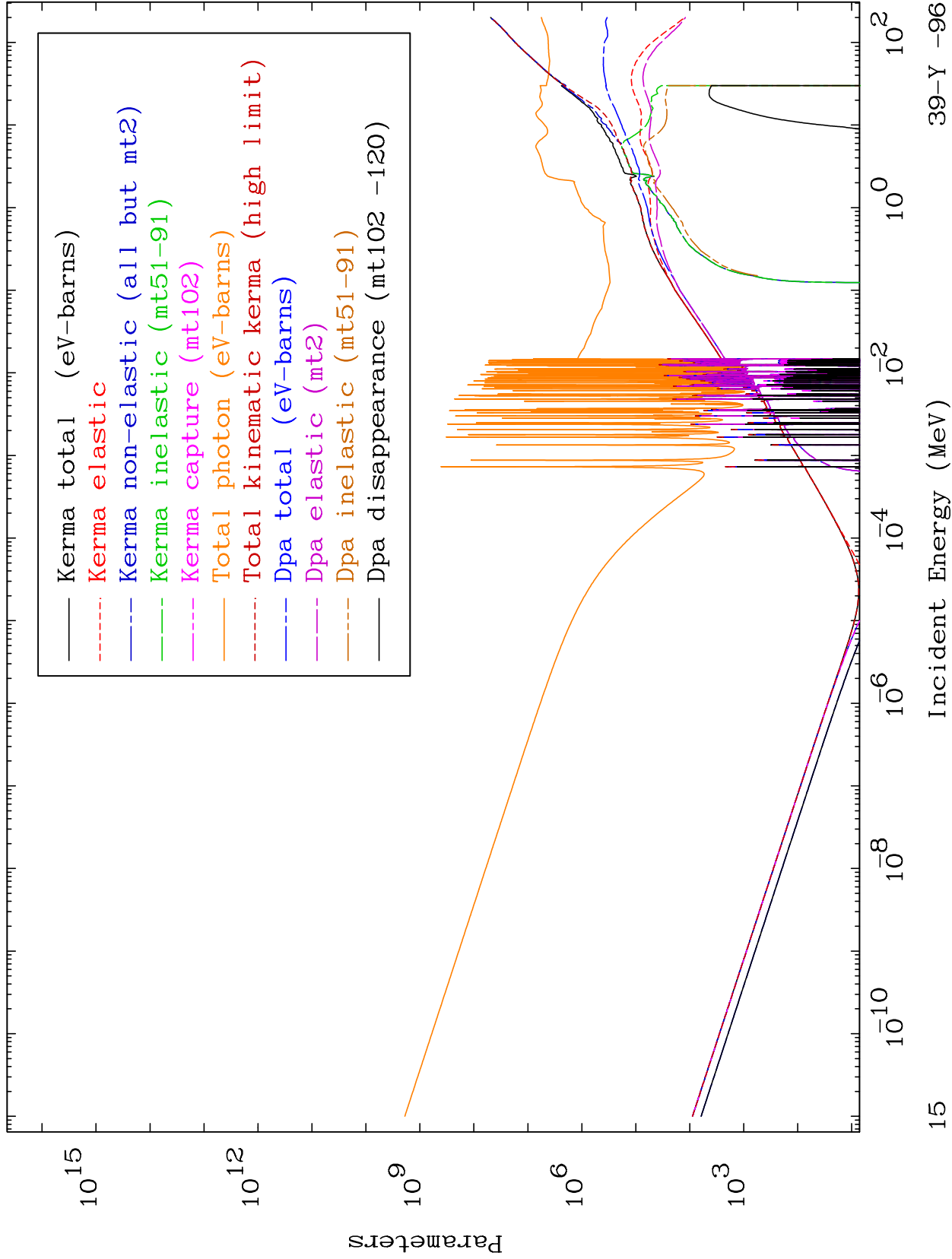
39-Y -96



14

Incident Energy (MeV)

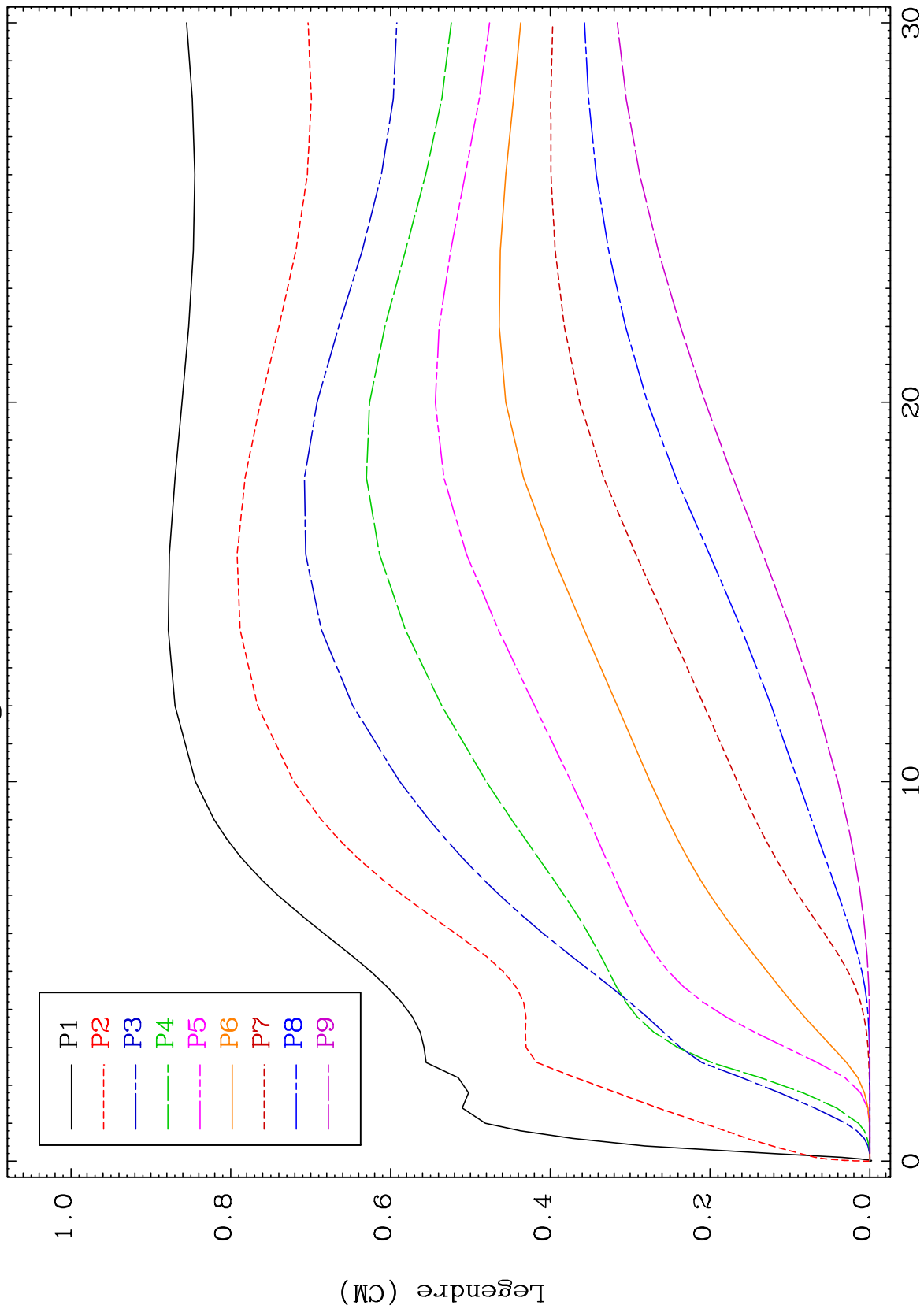
39-Y -96



MAT 3946

Elastic Legendre Coefficients

39-Y -96



16

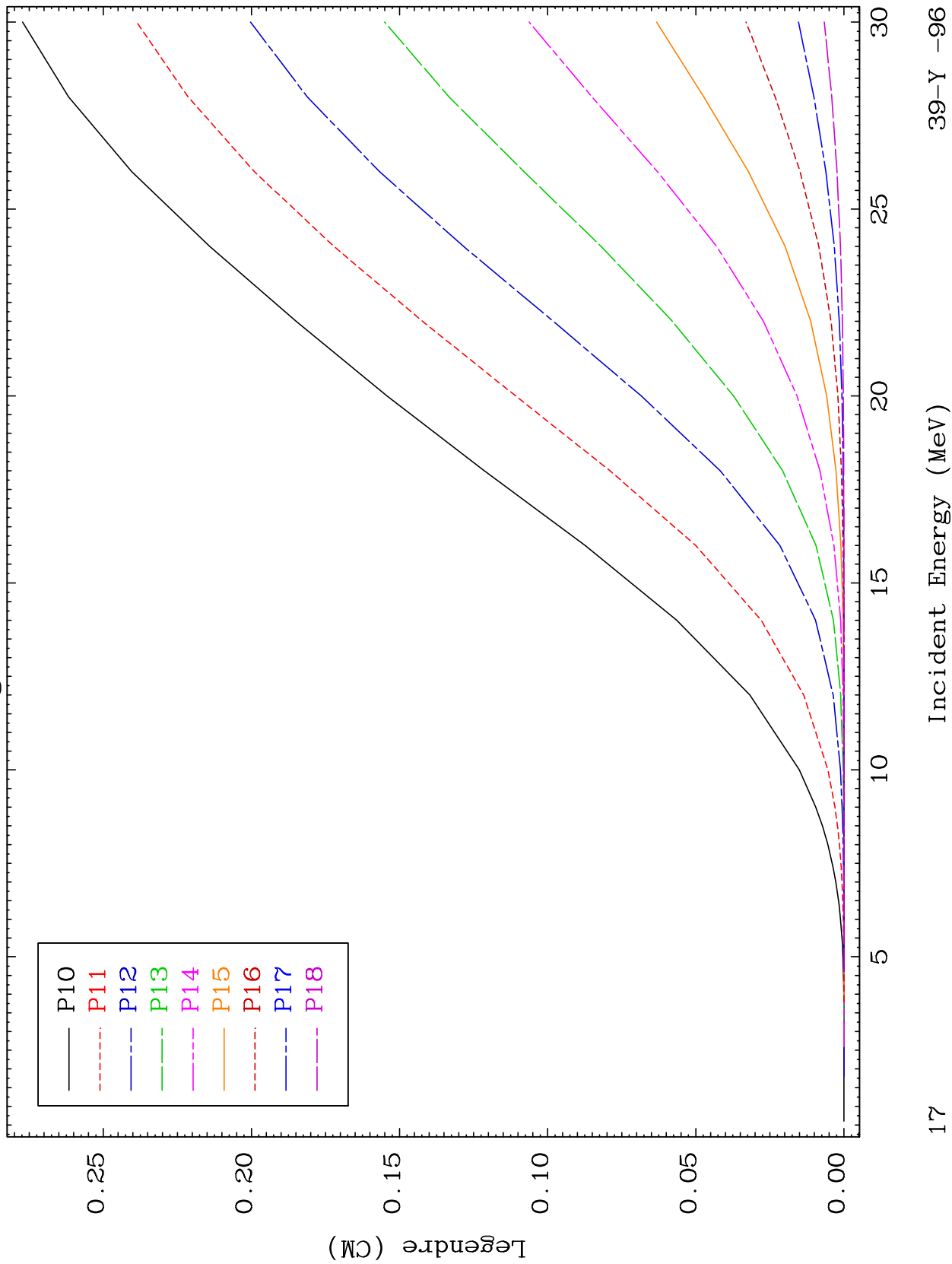
Incident Energy (MeV)

39-Y -96

MAT 3946

Elastic Legendre Coefficients

39-Y -96



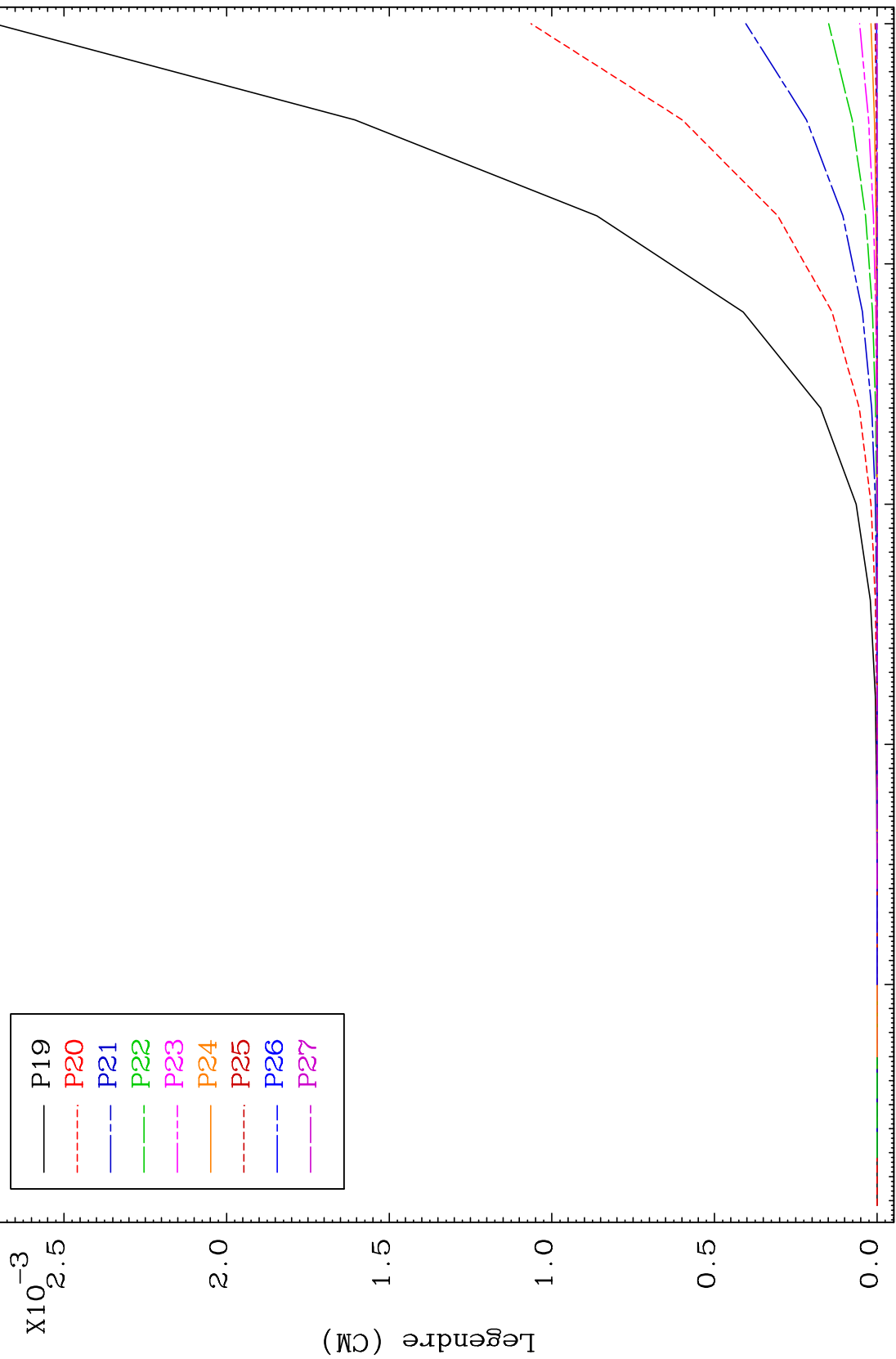
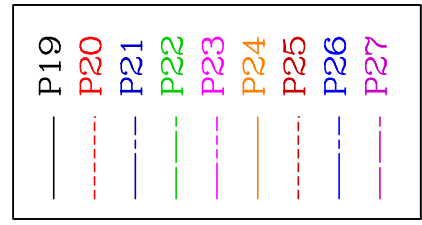
17

39-Y -96

MAT 3946

Elastic Legendre Coefficients

39-Y -96



18

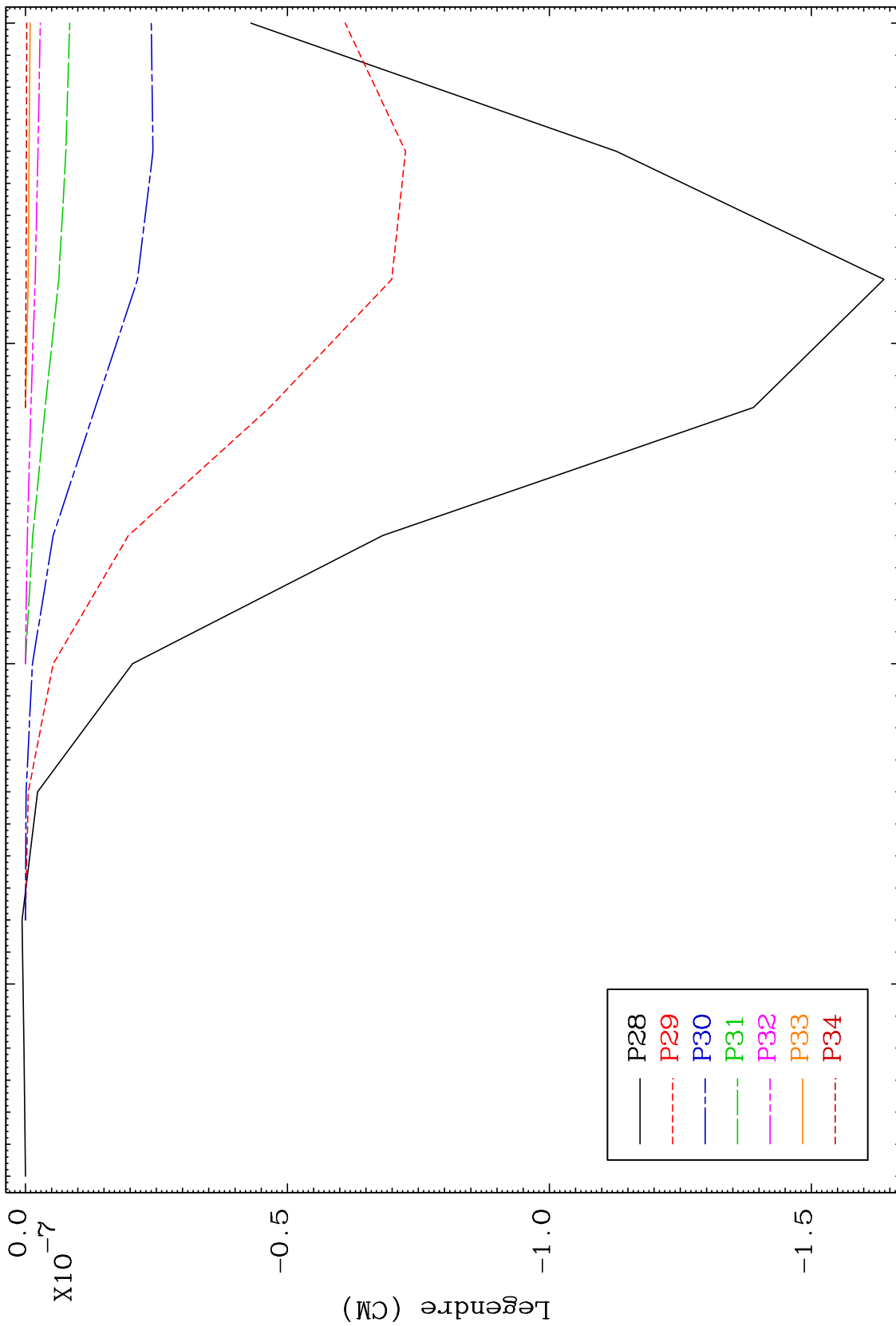
Incident Energy (MeV)

39-Y -96

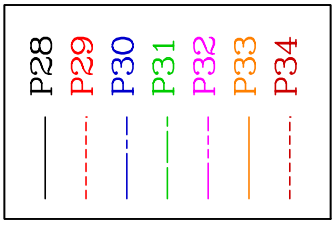
MAT 3946

39-Y -96

Elastic
Legendre Coefficients



Legendre (CM)
 $\times 10^{-7}$



19

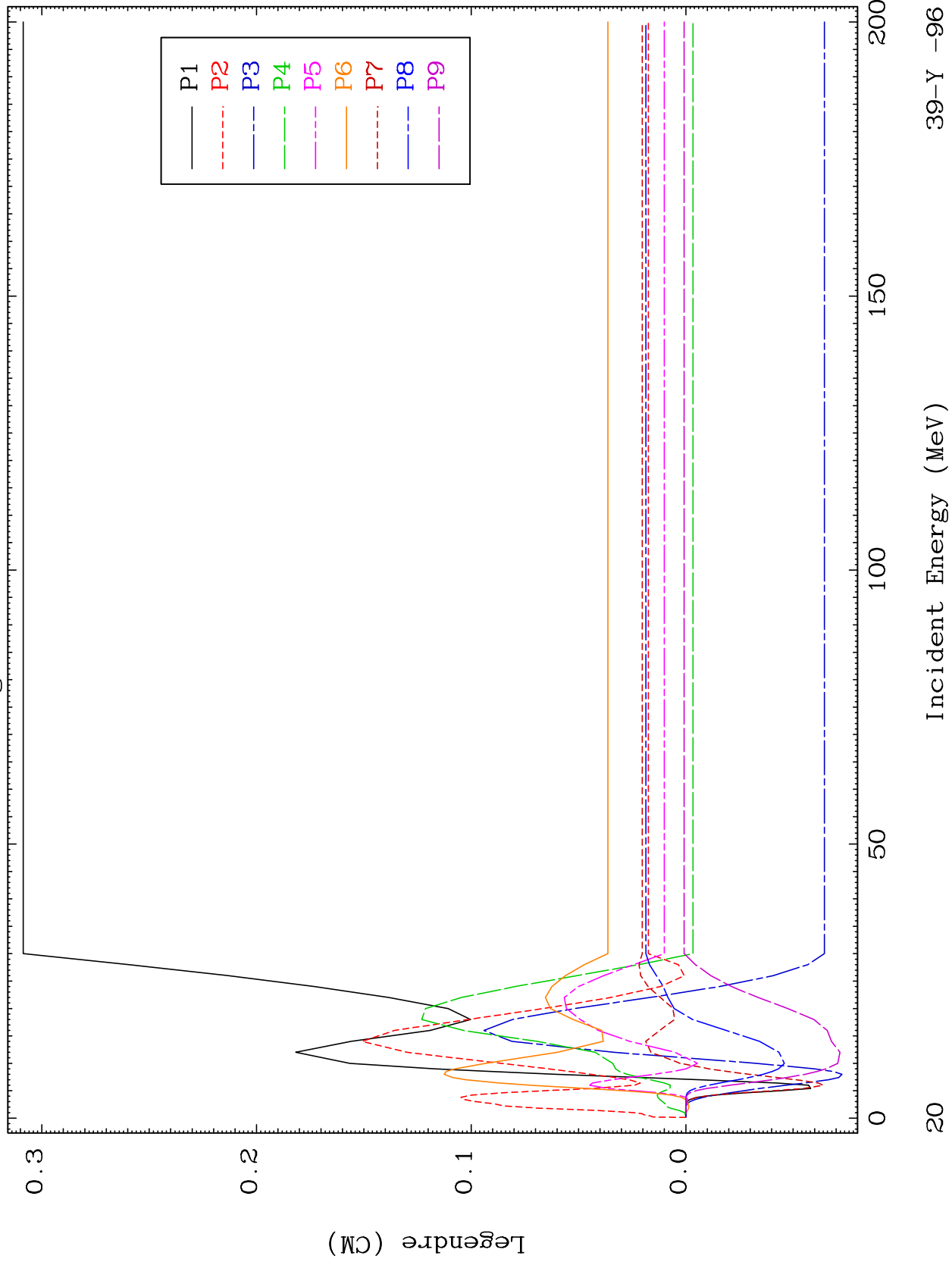
Incident Energy (MeV)

39-Y -96

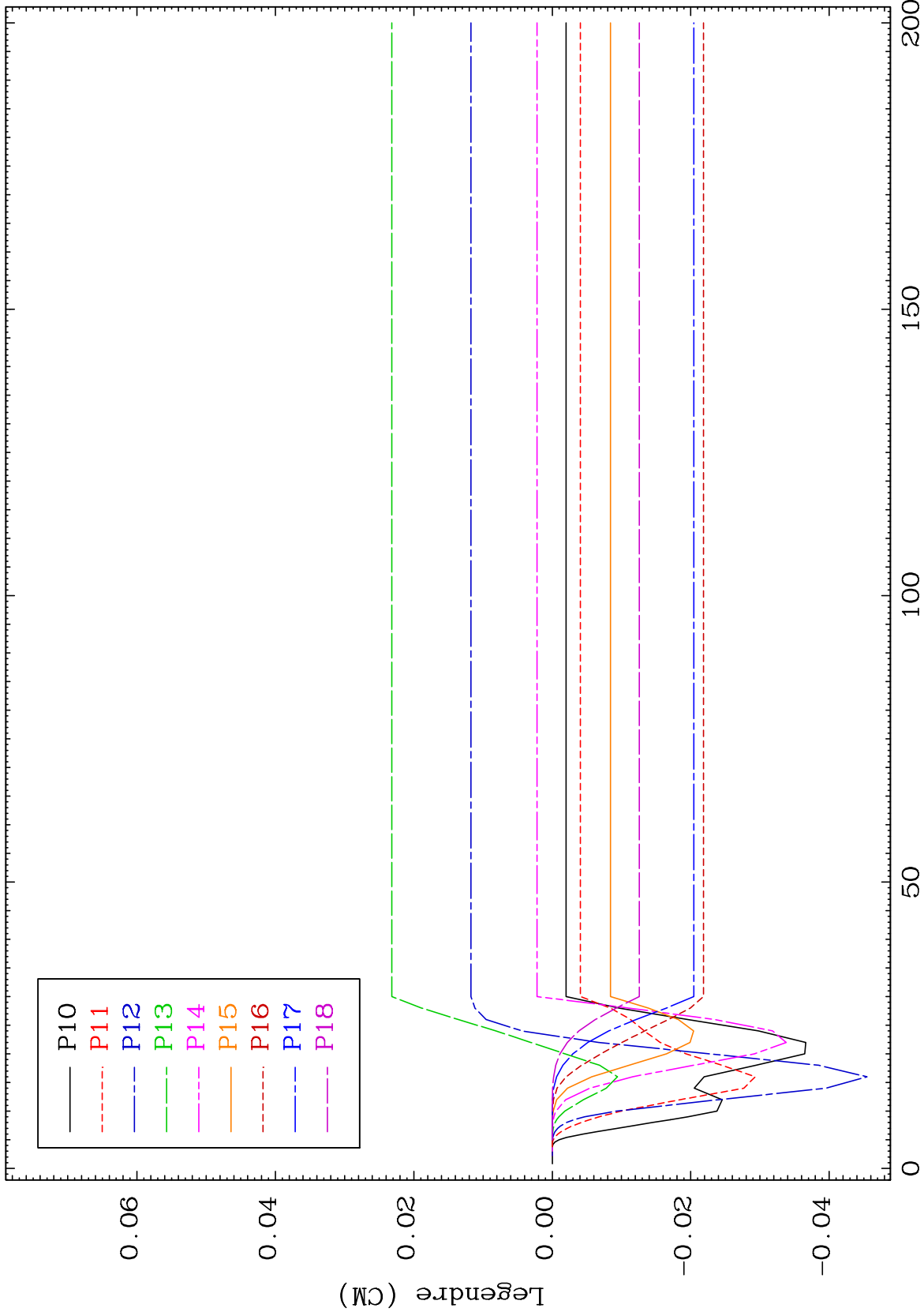
MAT 3946

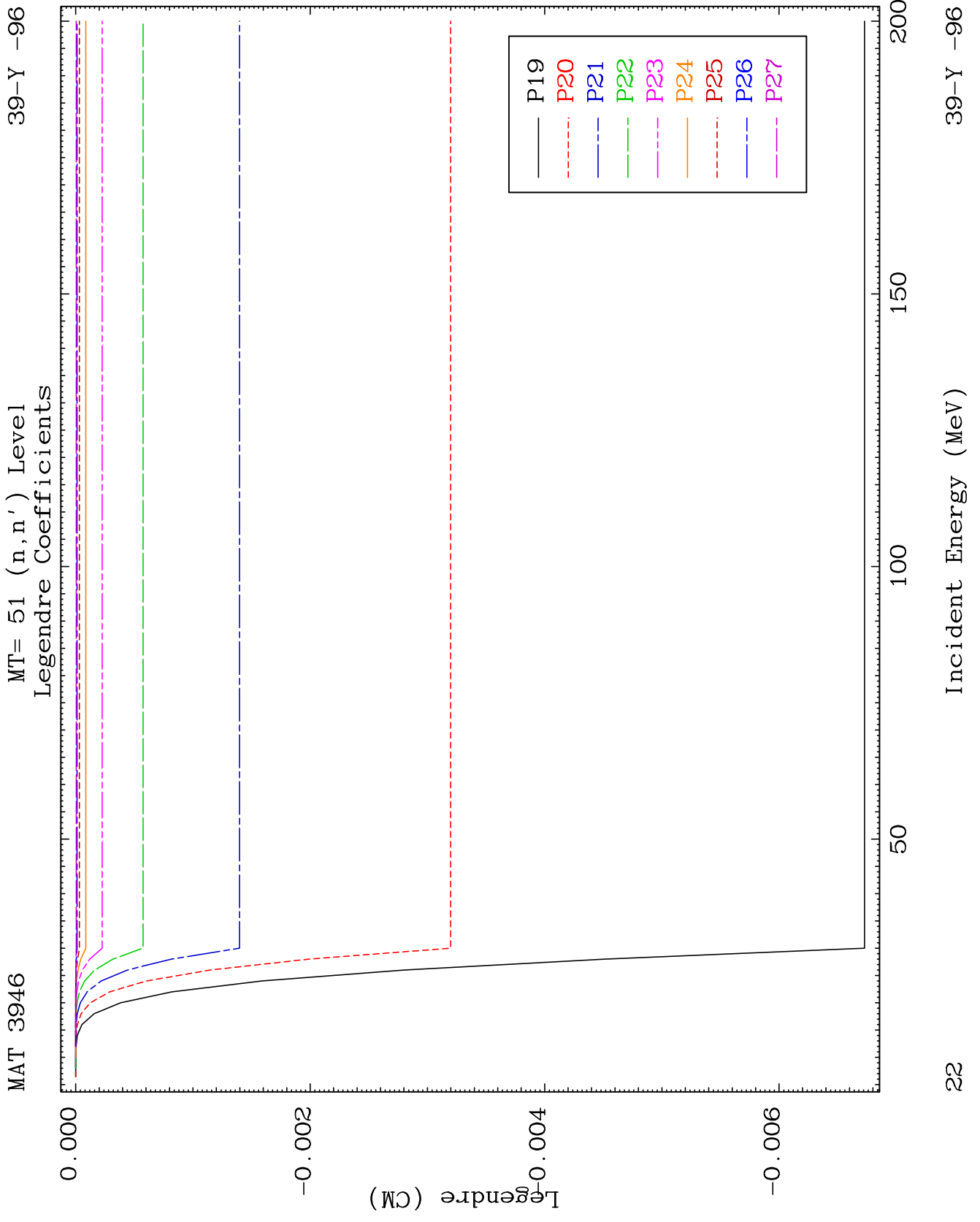
MT= 51 (n,n') Level
Legendre Coefficients

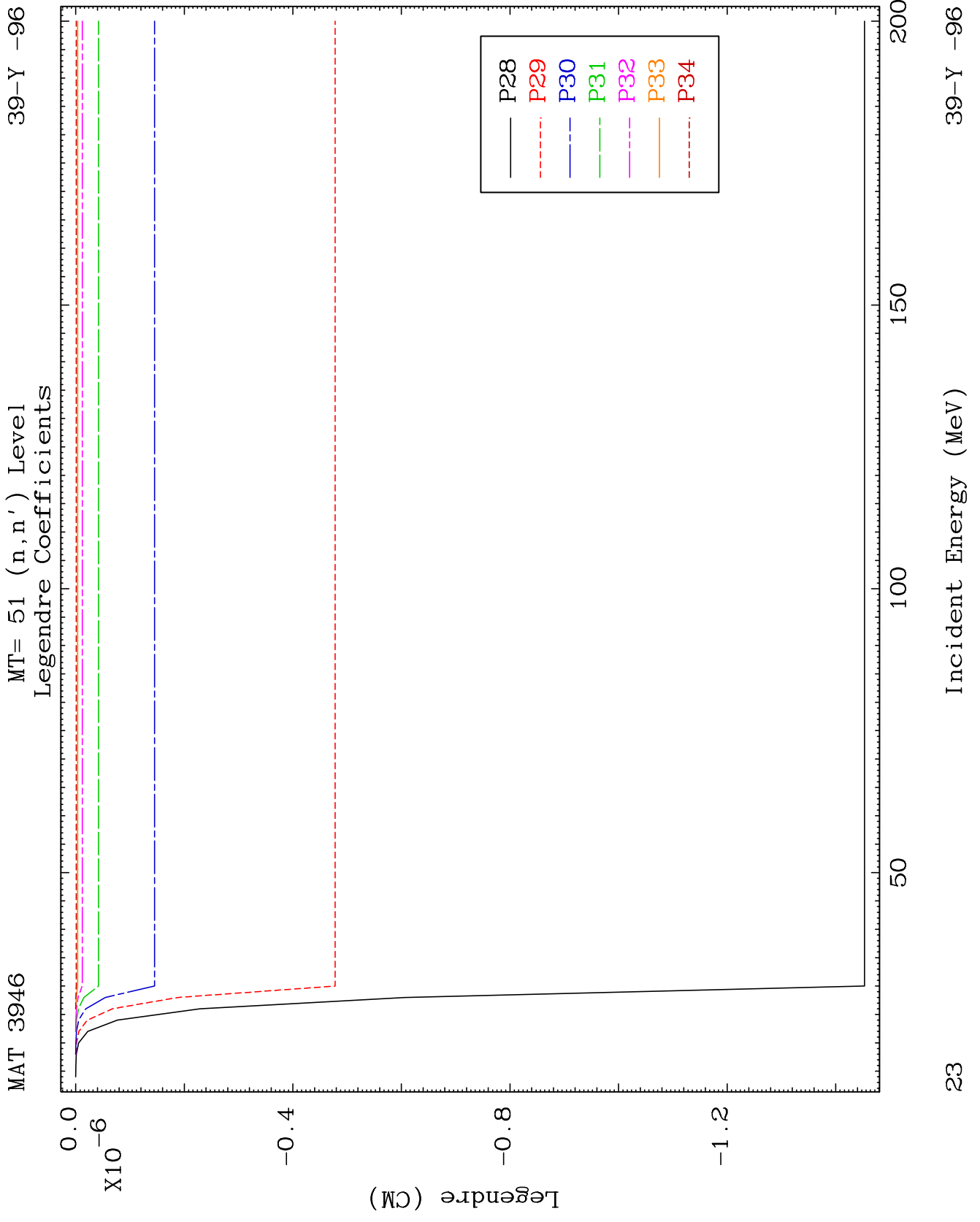
39-Y -96



39-Y -96



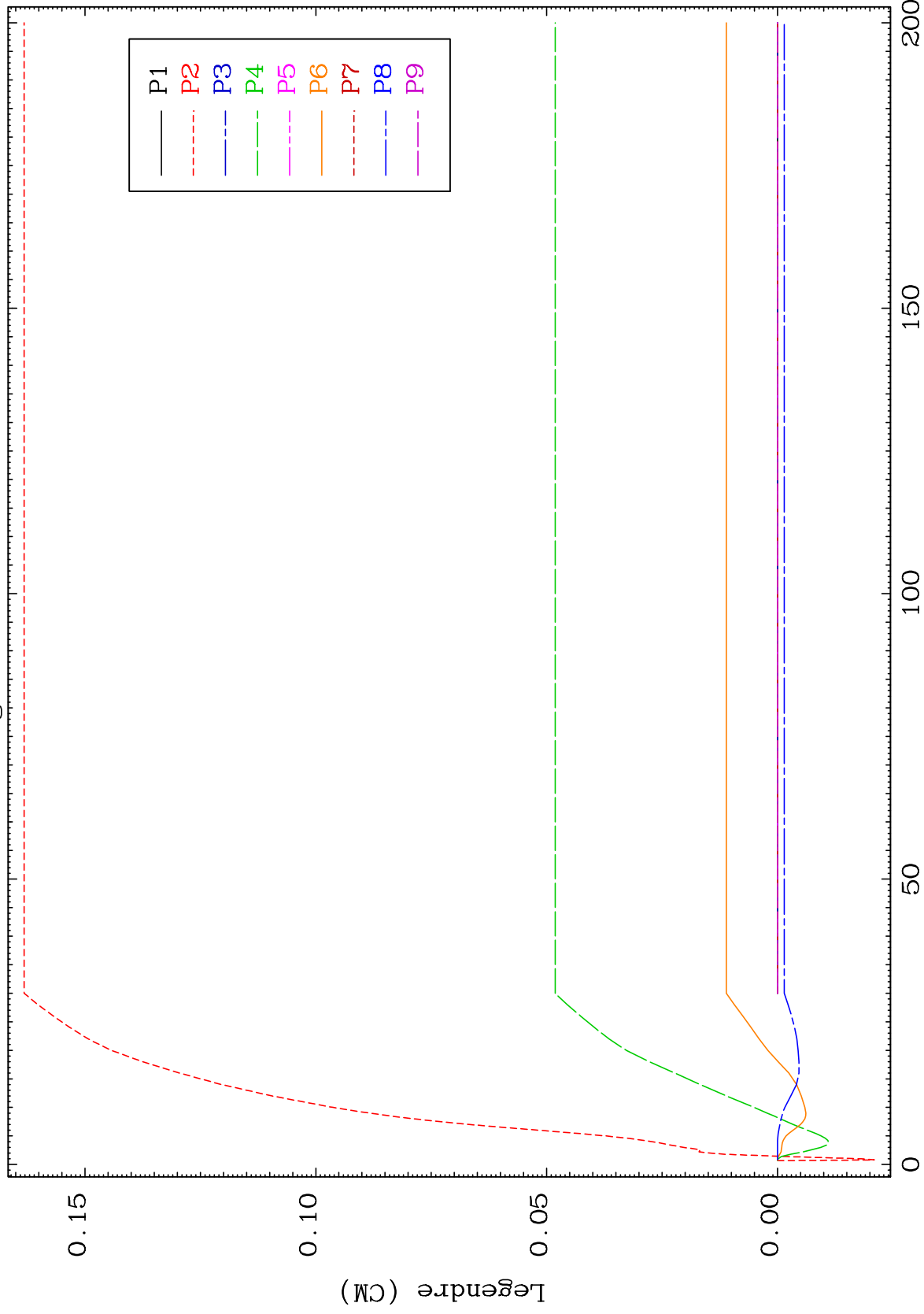




MAT 3946

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

39-Y -96



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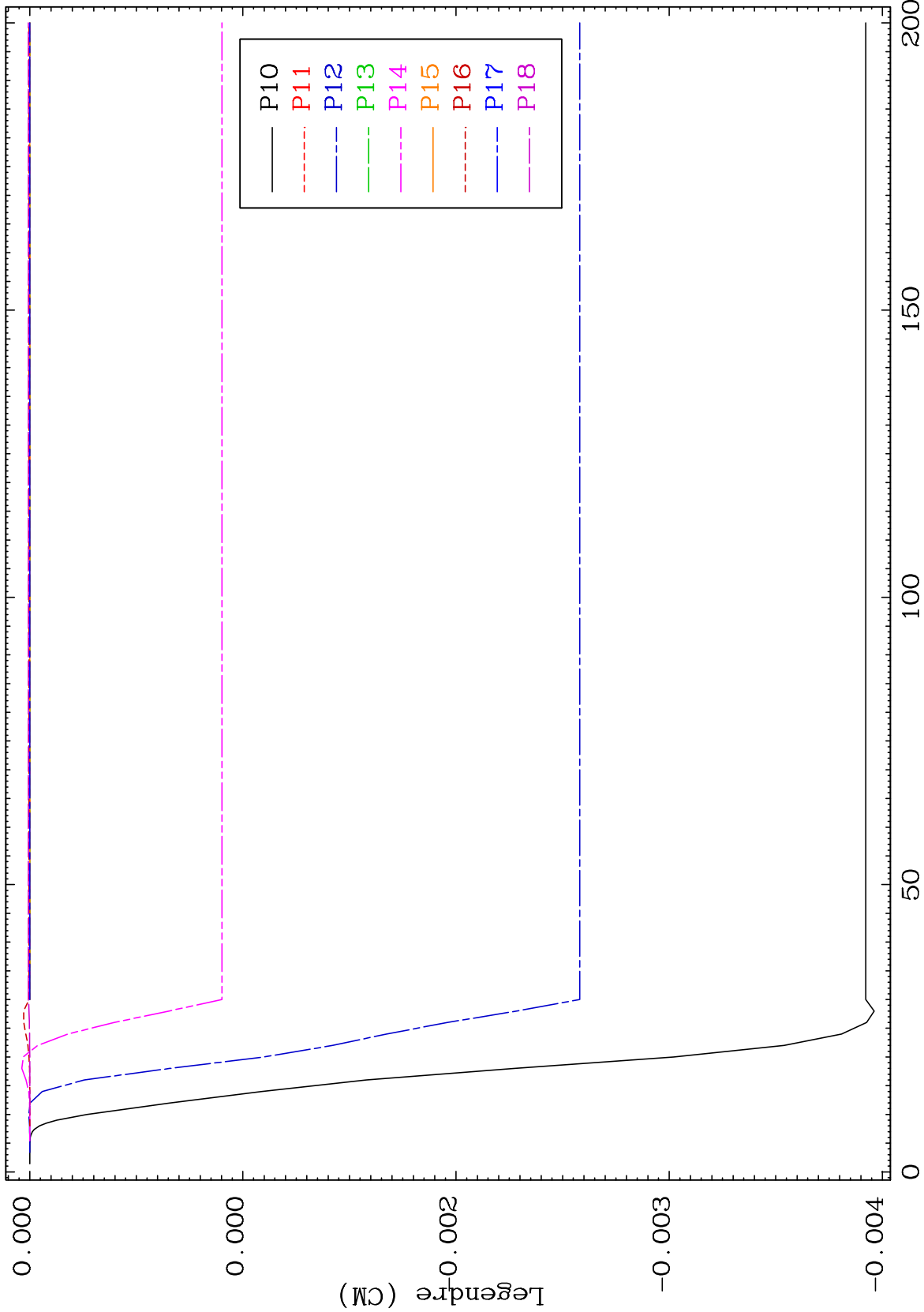
Incident Energy (MeV)

39-Y -96

MAT 3946

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

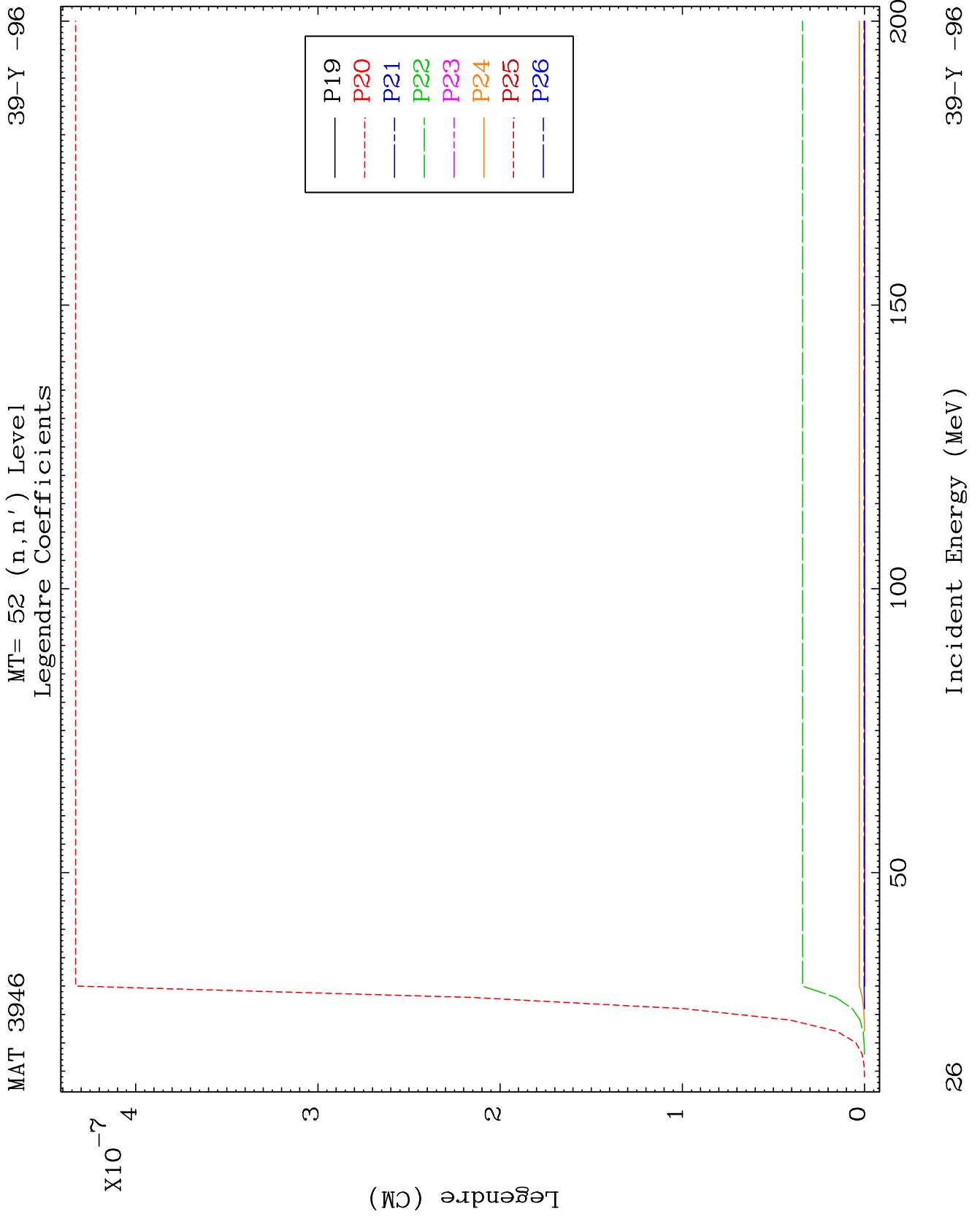
39-Y -96



25

Incident Energy (MeV)

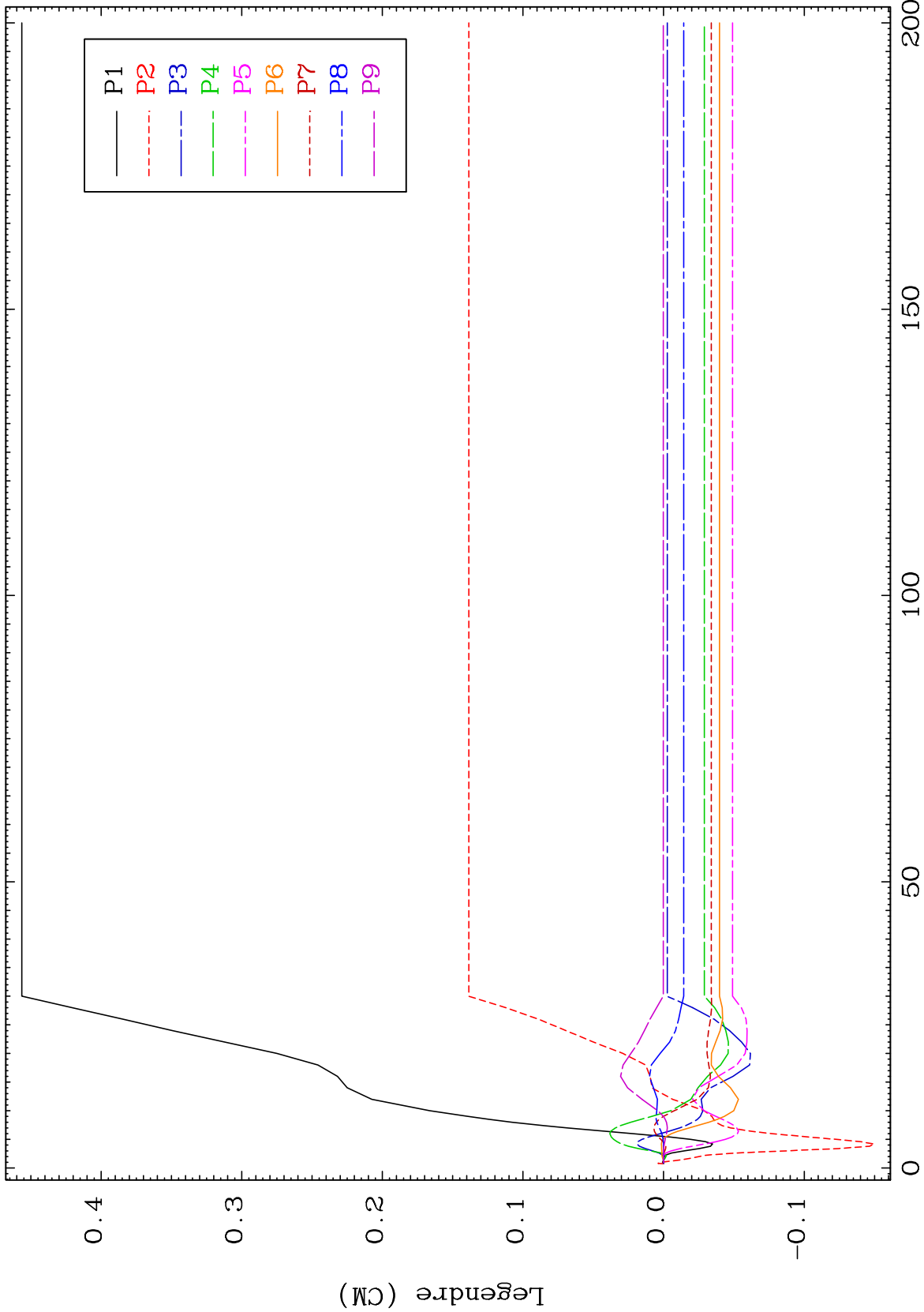
39-Y -96



MAT 3946

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

39-Y -96



27

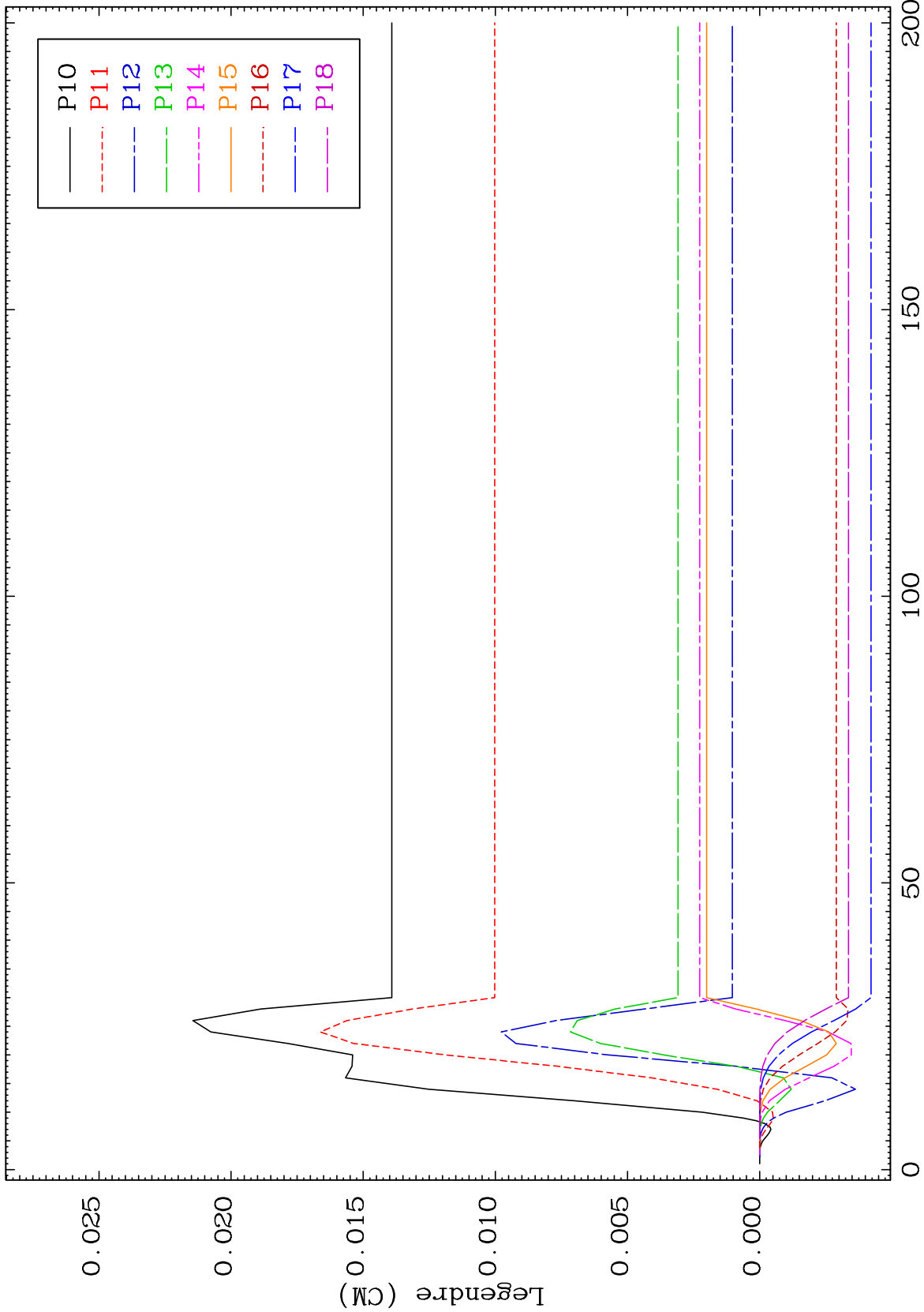
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



28

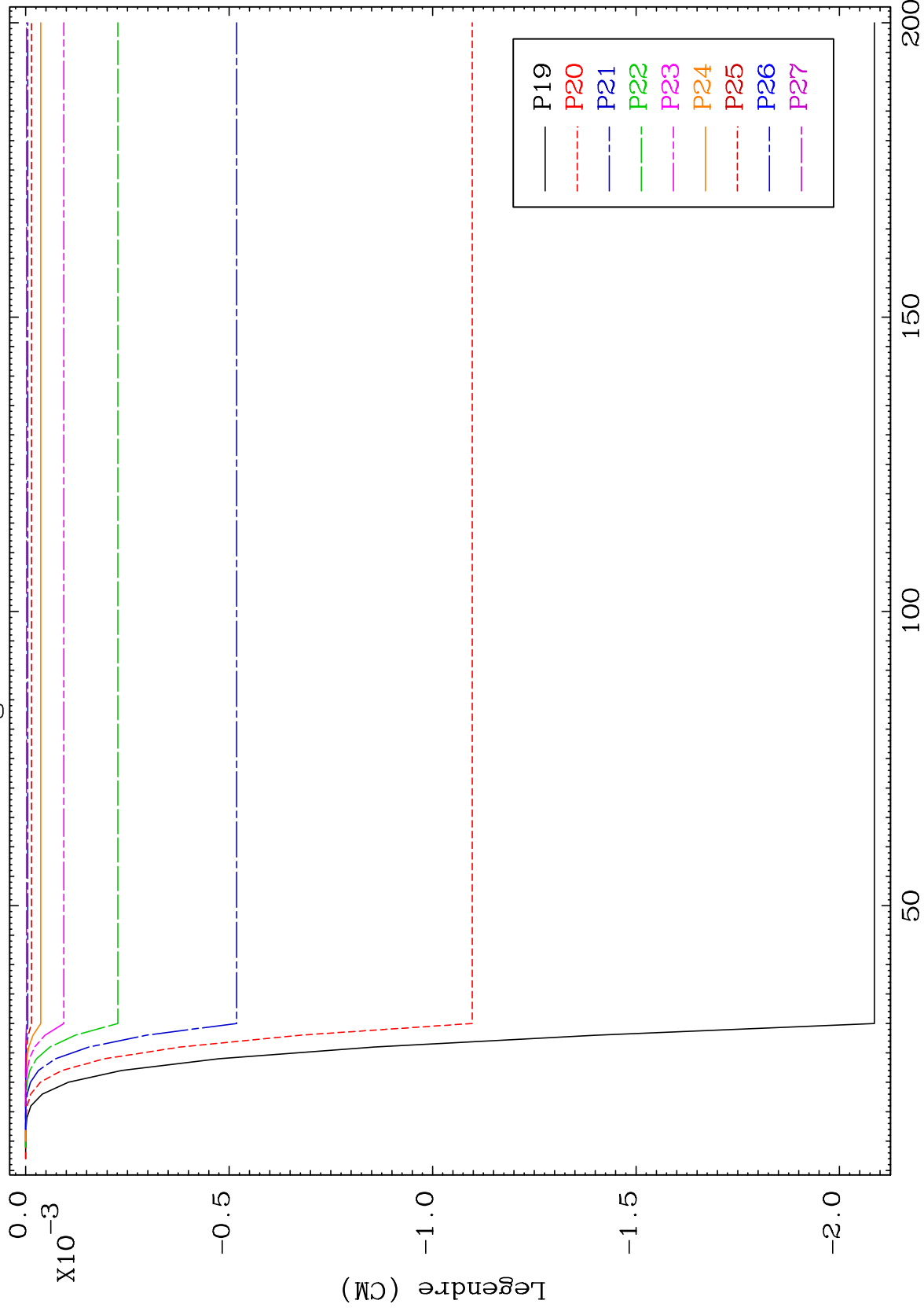
Incident Energy (MeV)

39-Y -96

MAT 3946

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

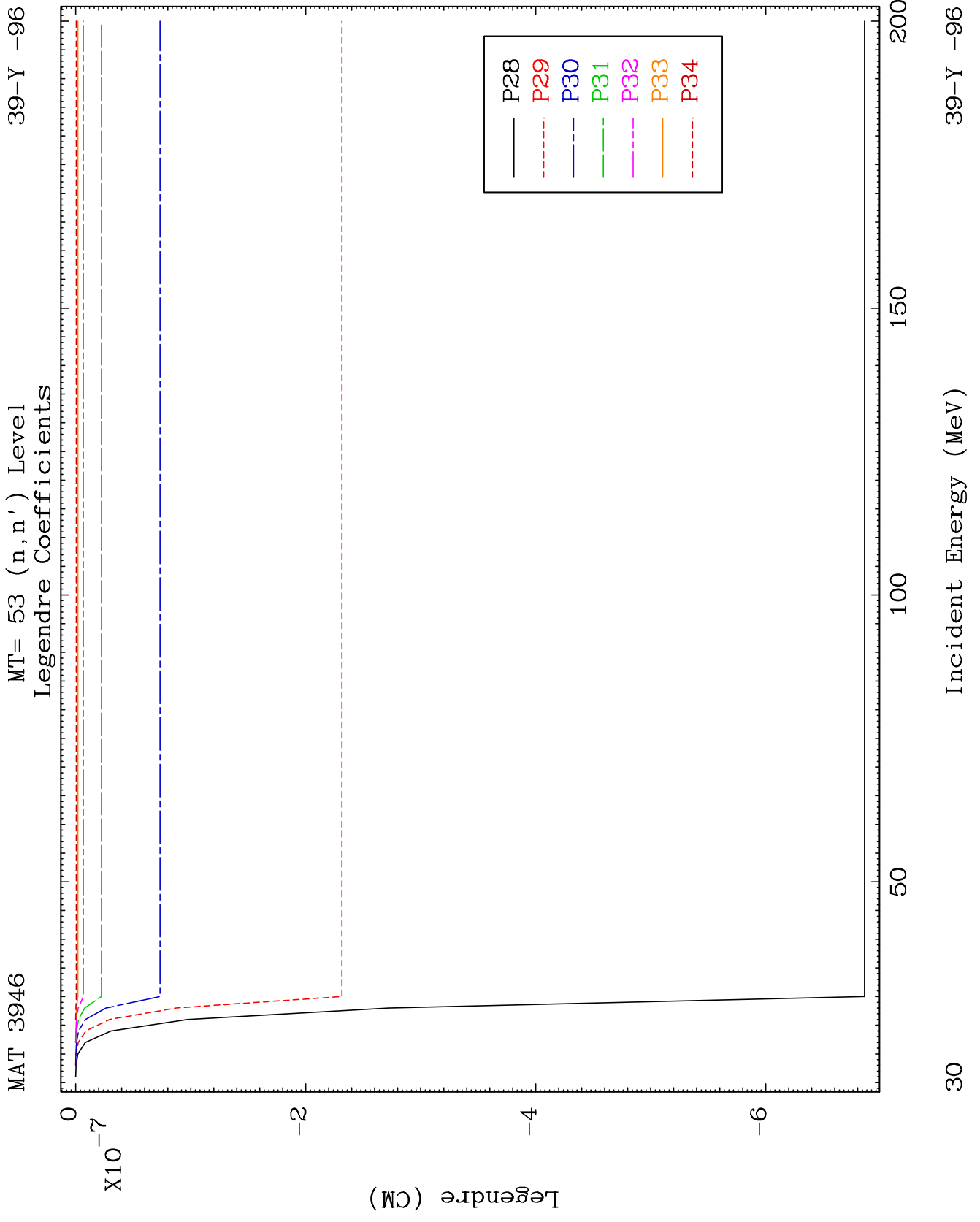
39-Y -96

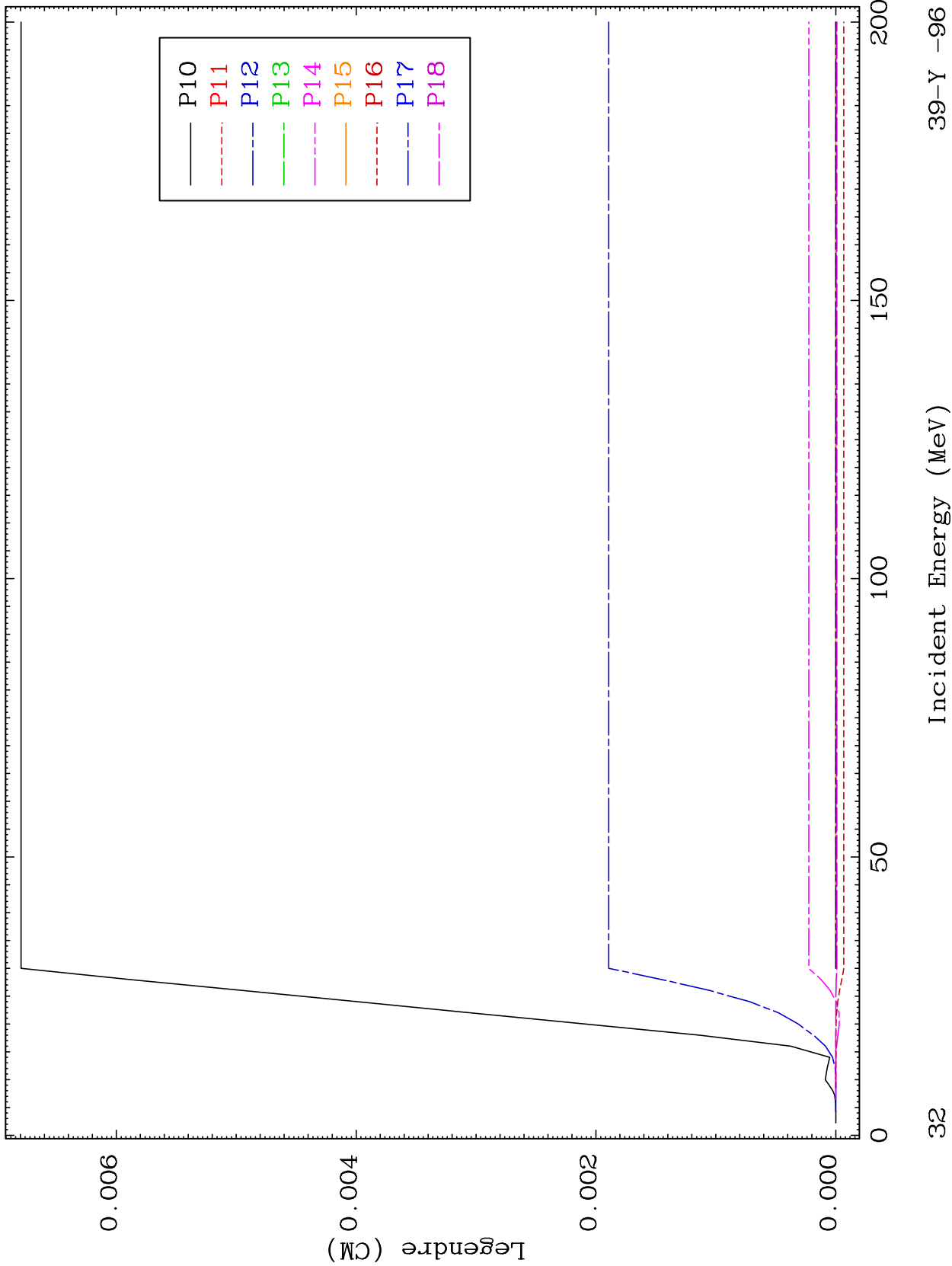


29

Incident Energy (MeV)

39-Y -96

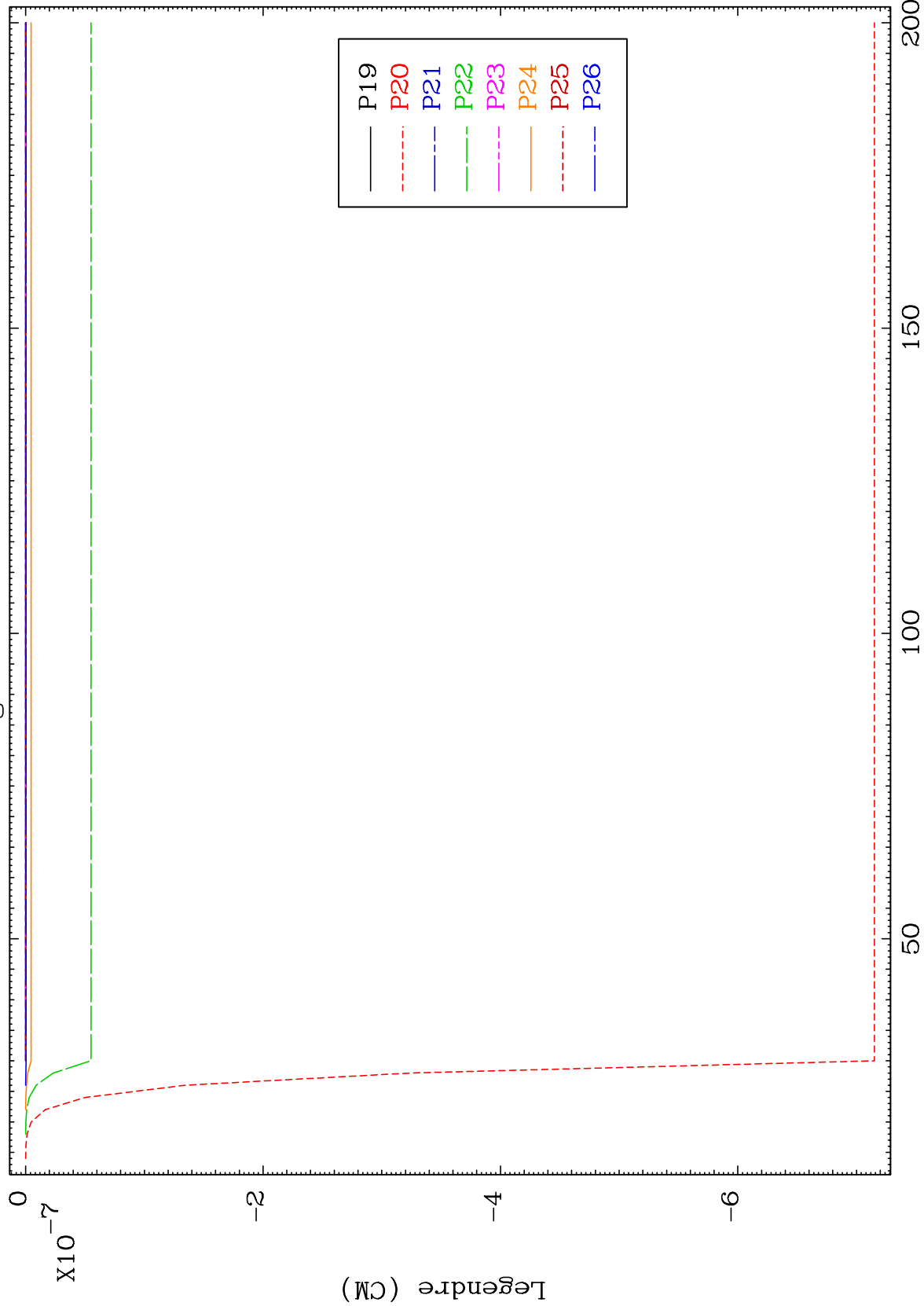




MAT 3946

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

39-Y -96



33

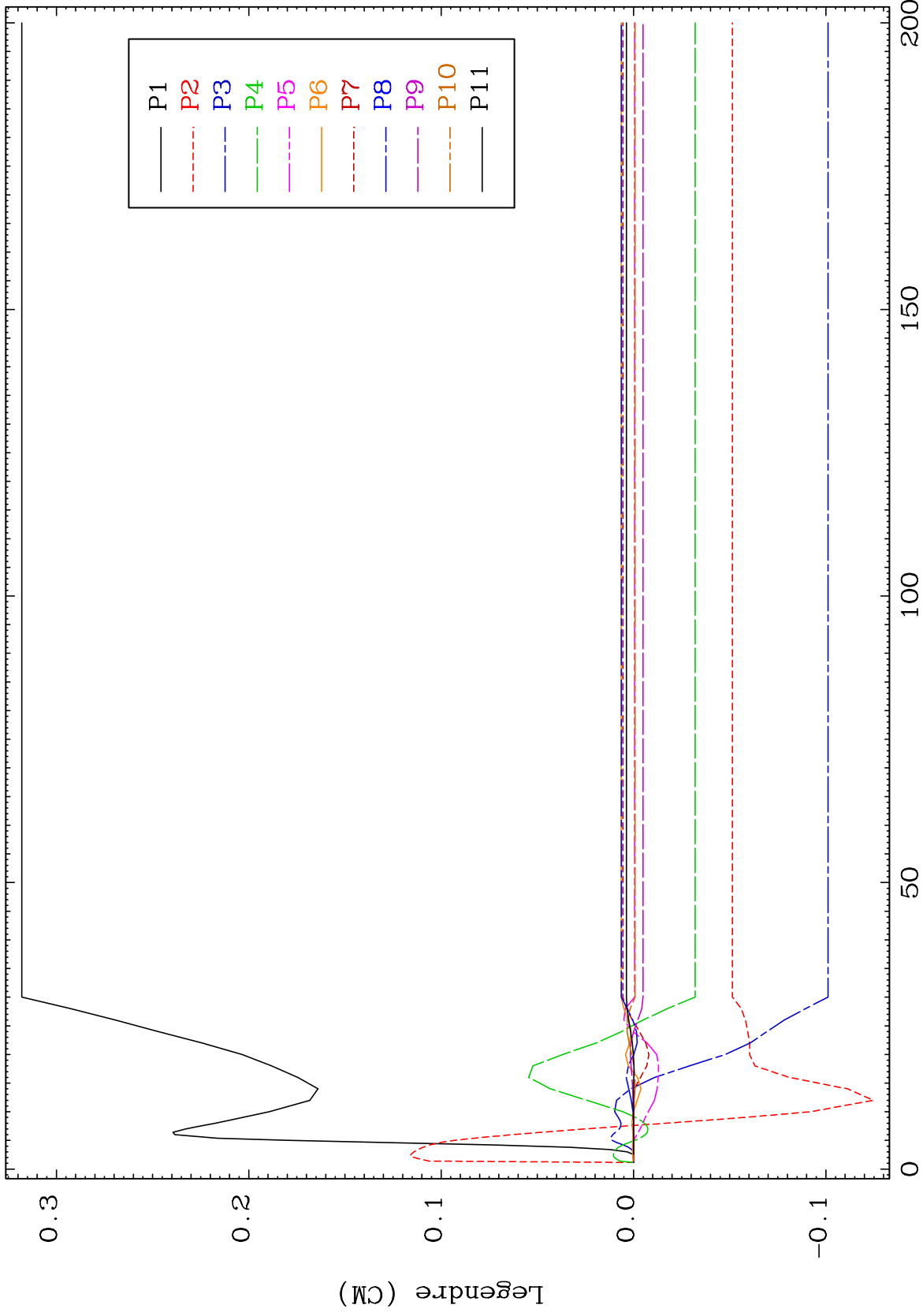
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



34

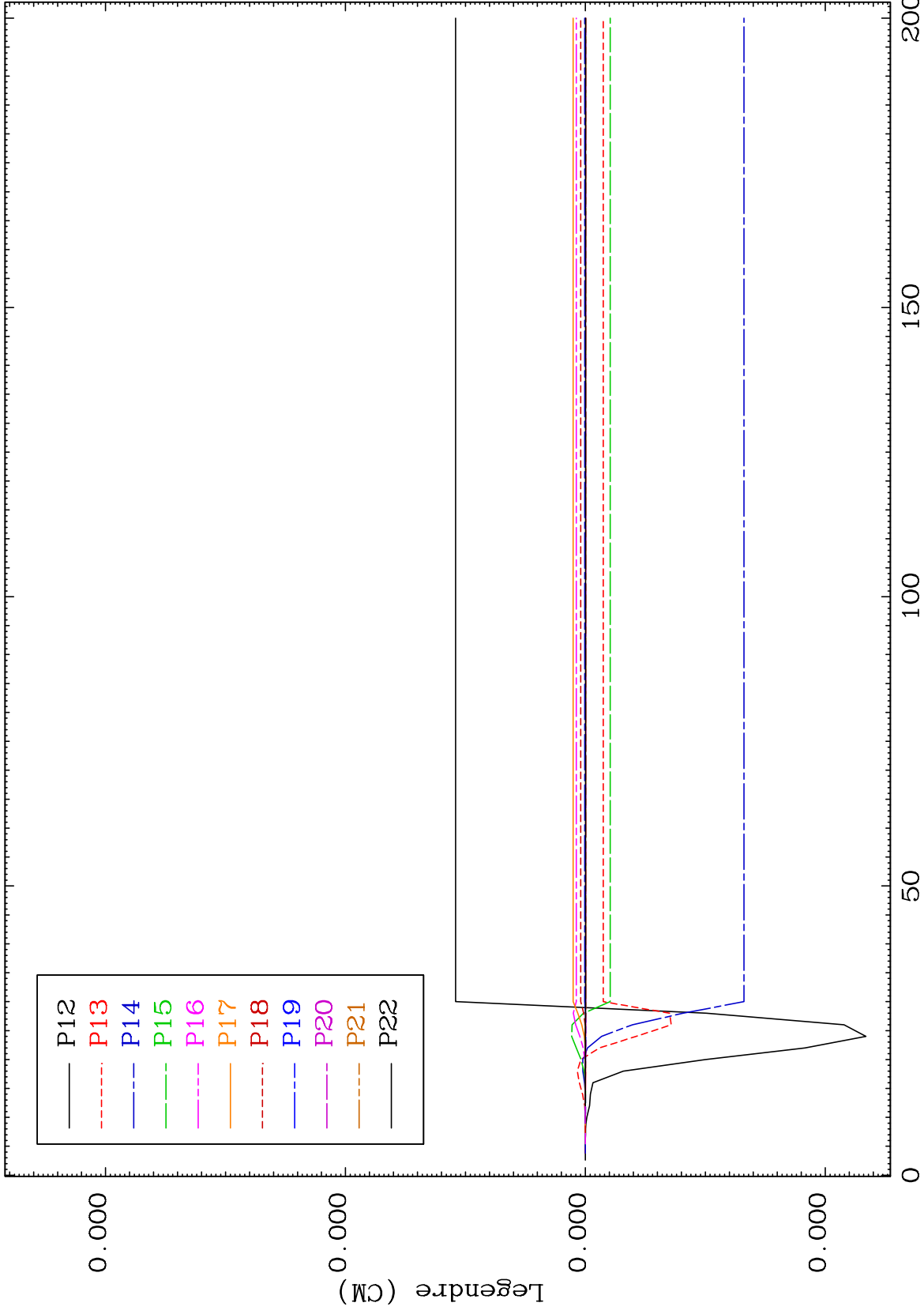
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



35

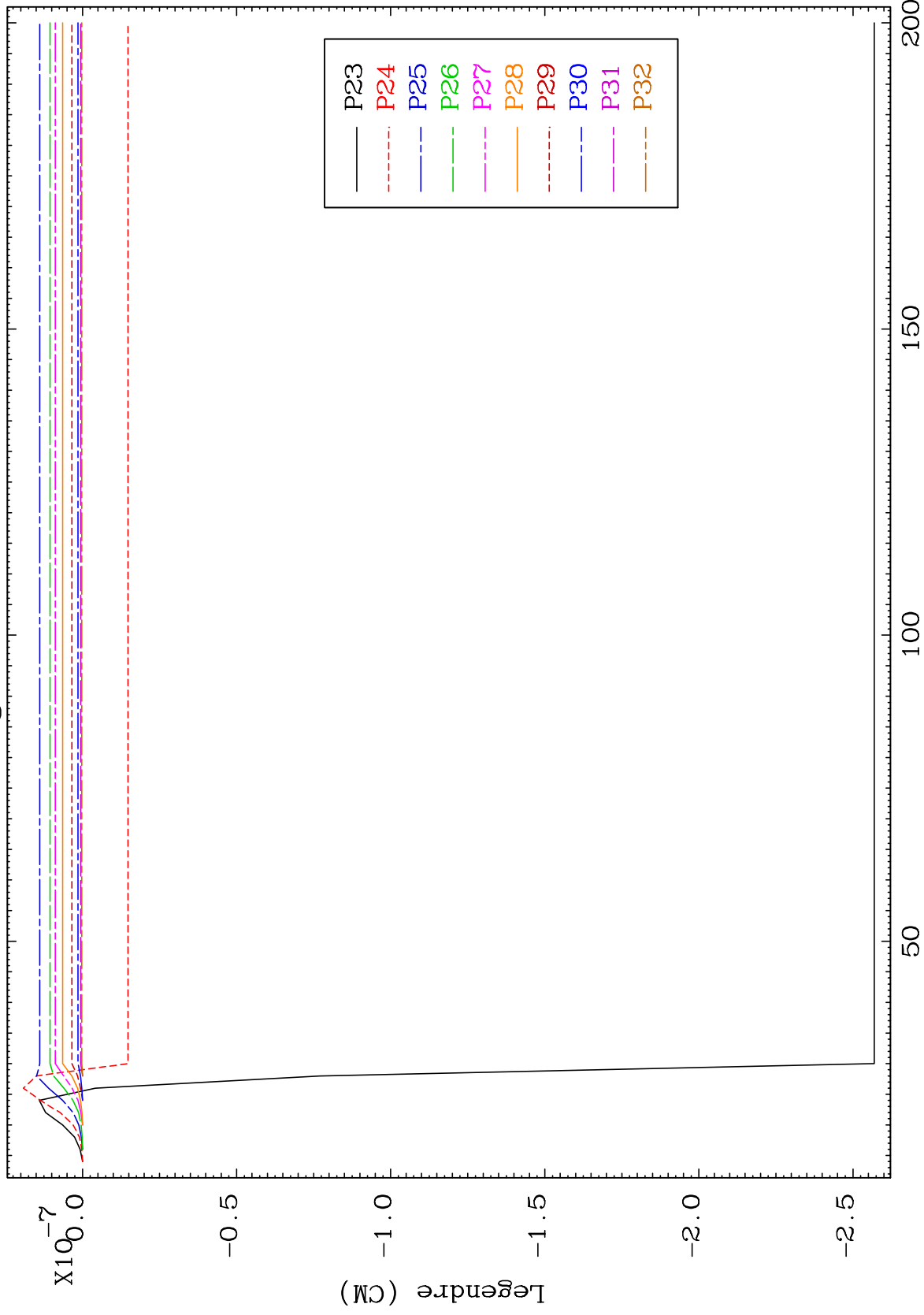
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



36

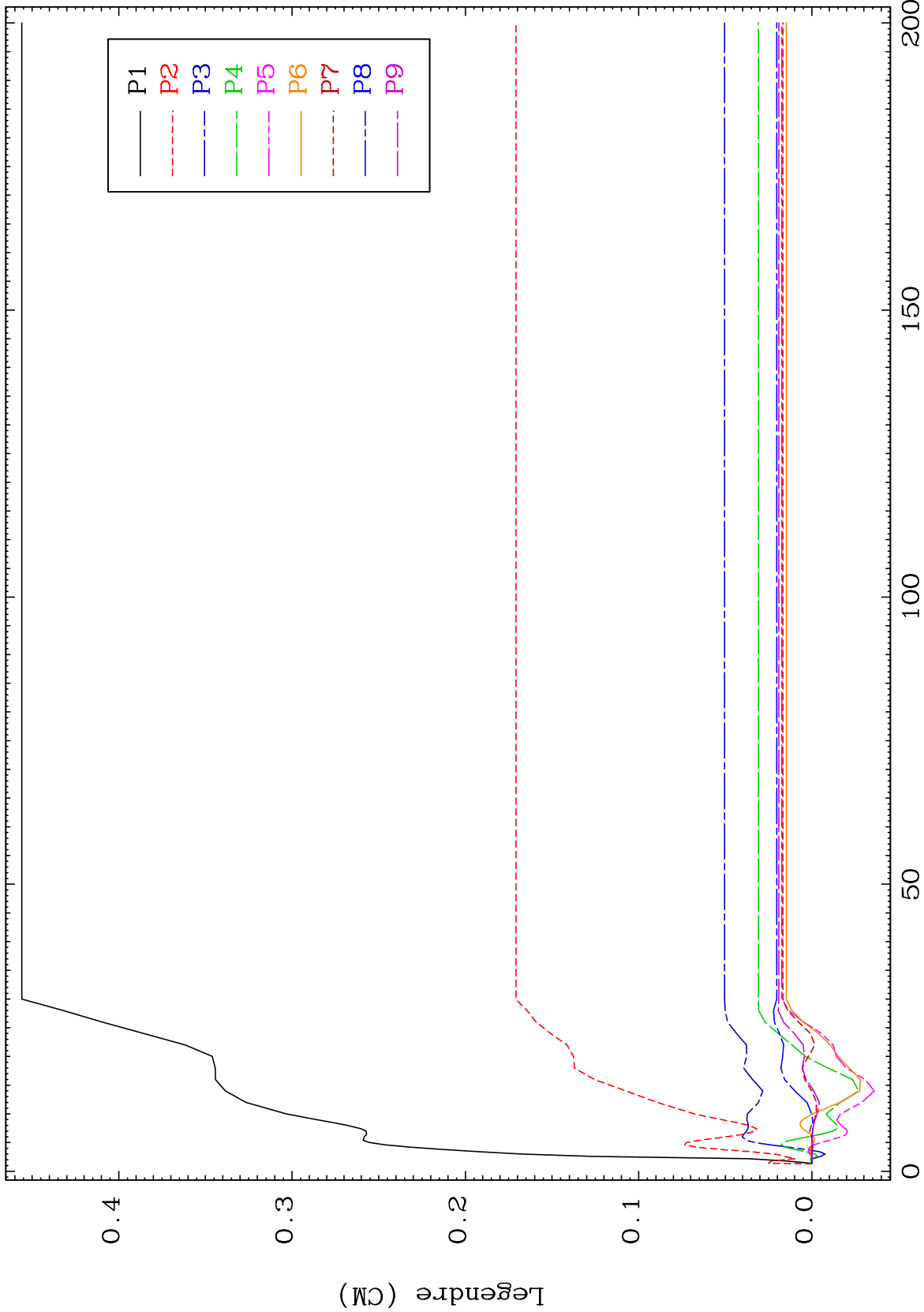
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



37

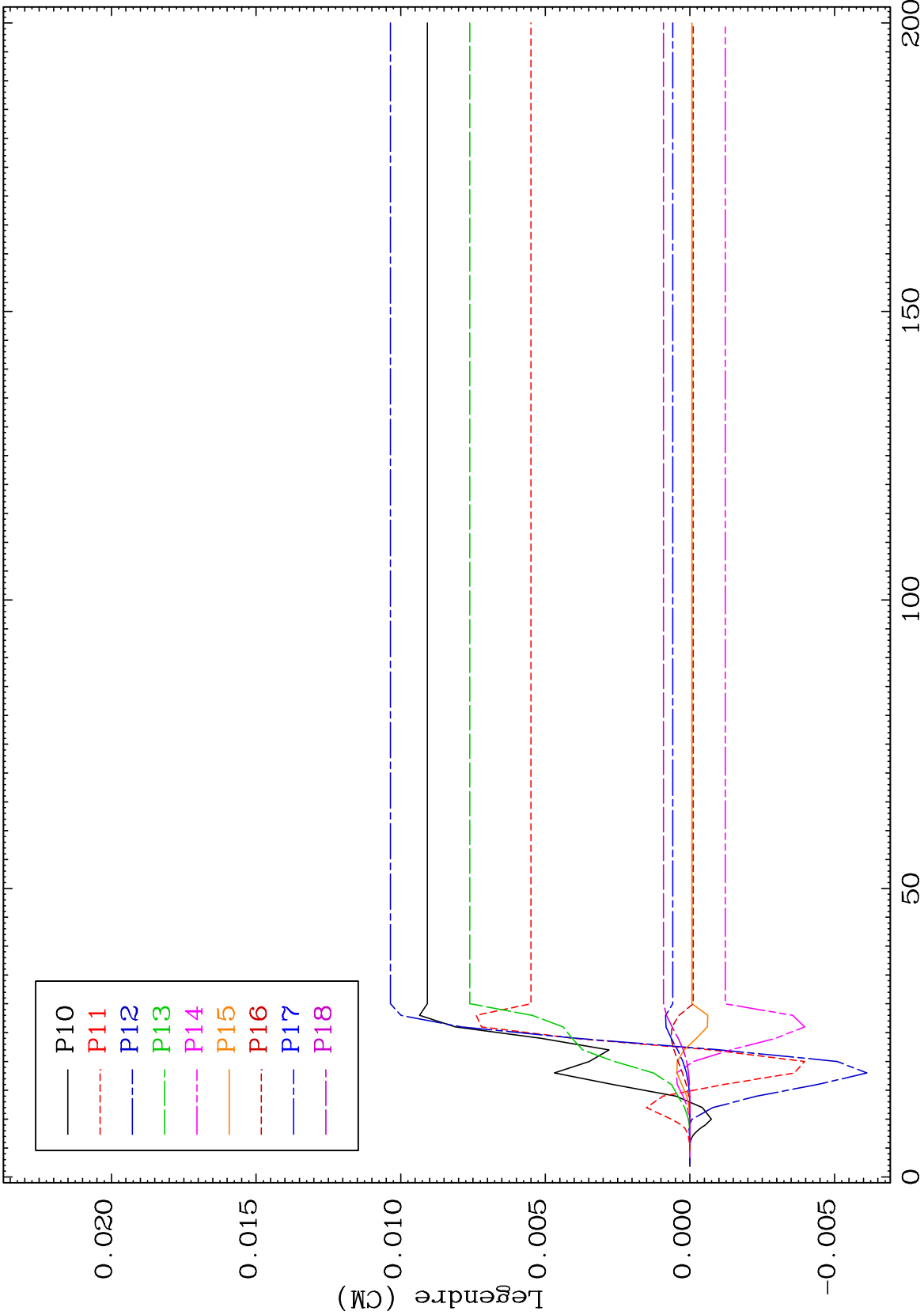
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



38

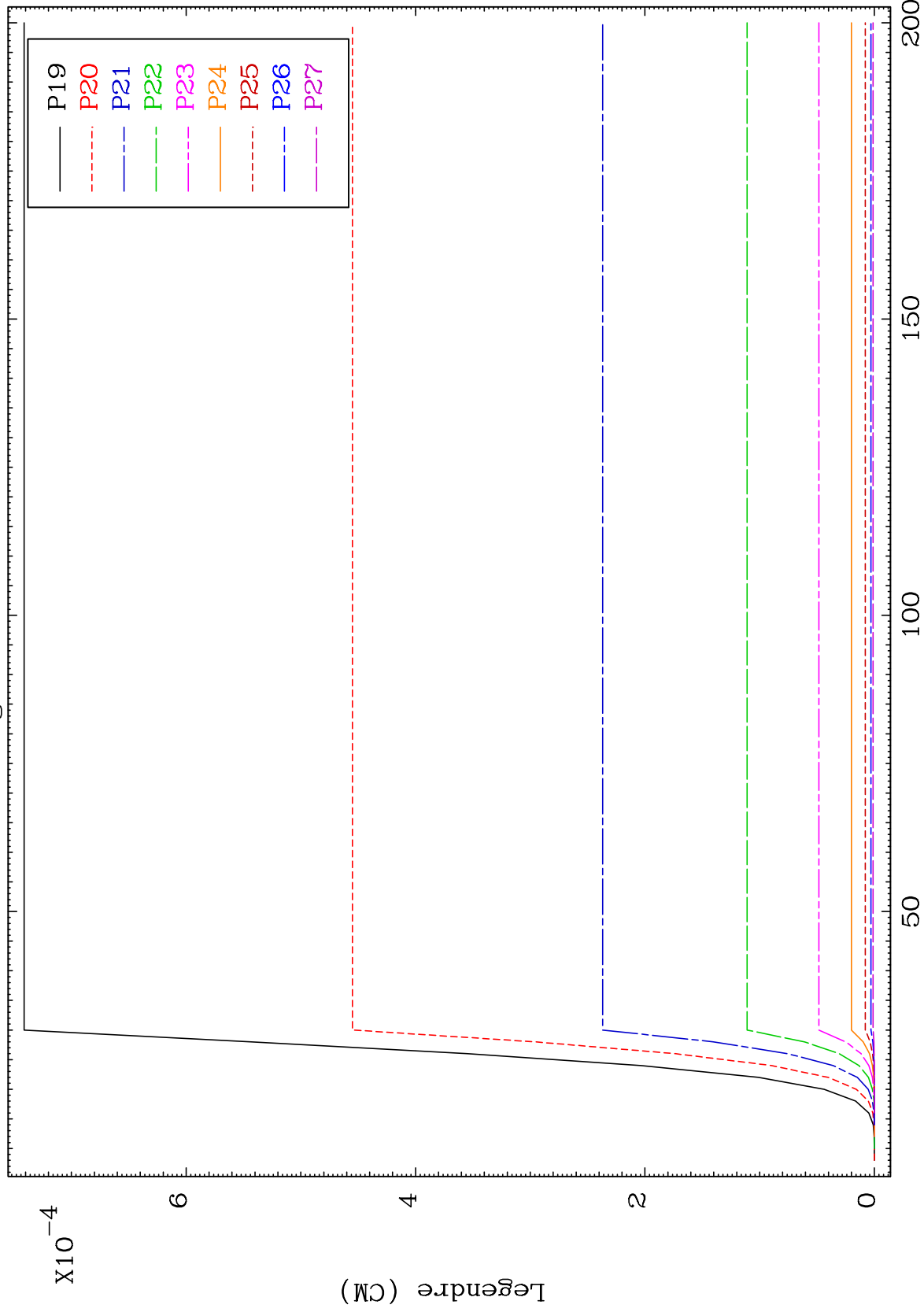
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



39

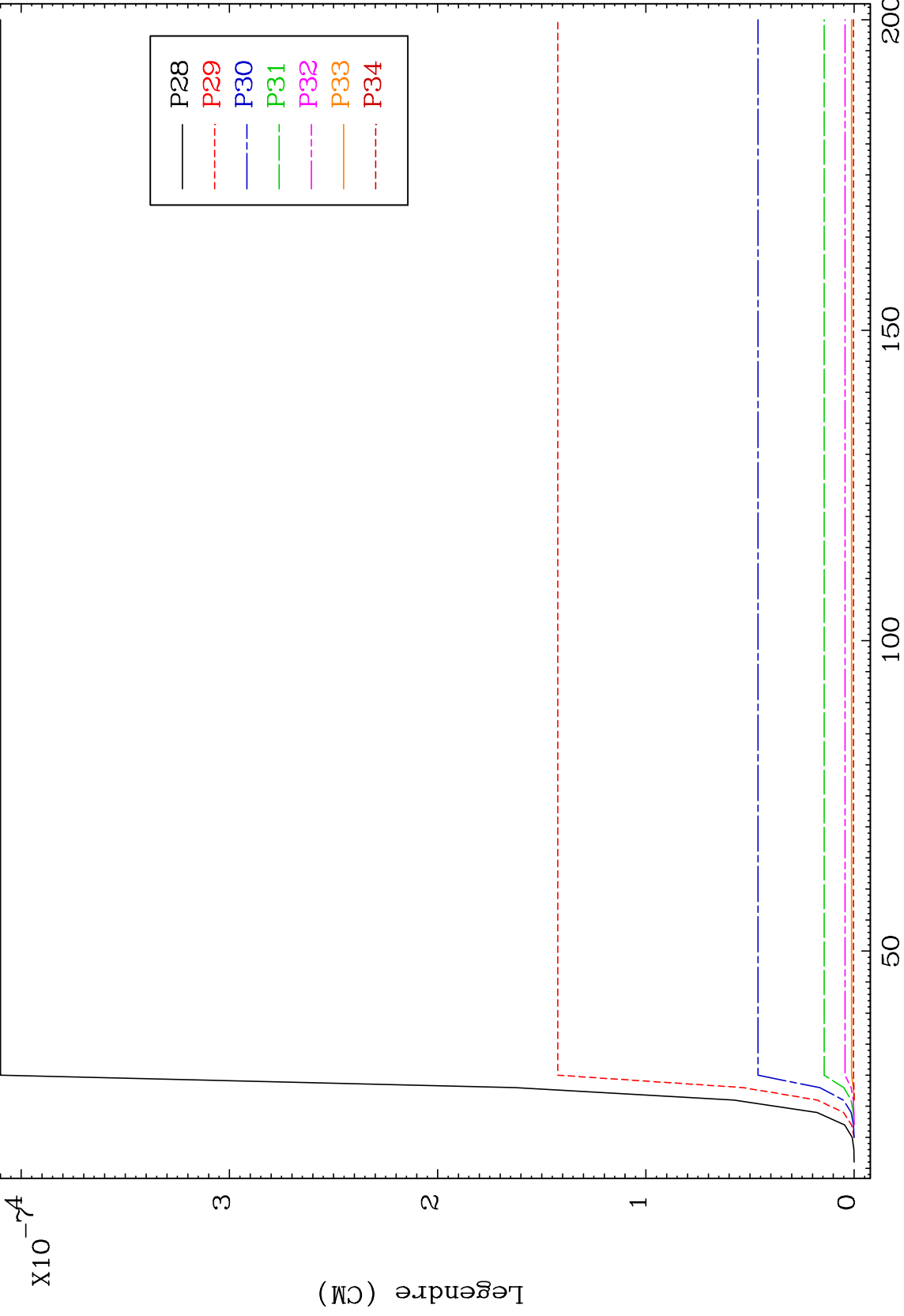
Incident Energy (MeV)

39-Y -96

MAT 3946

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

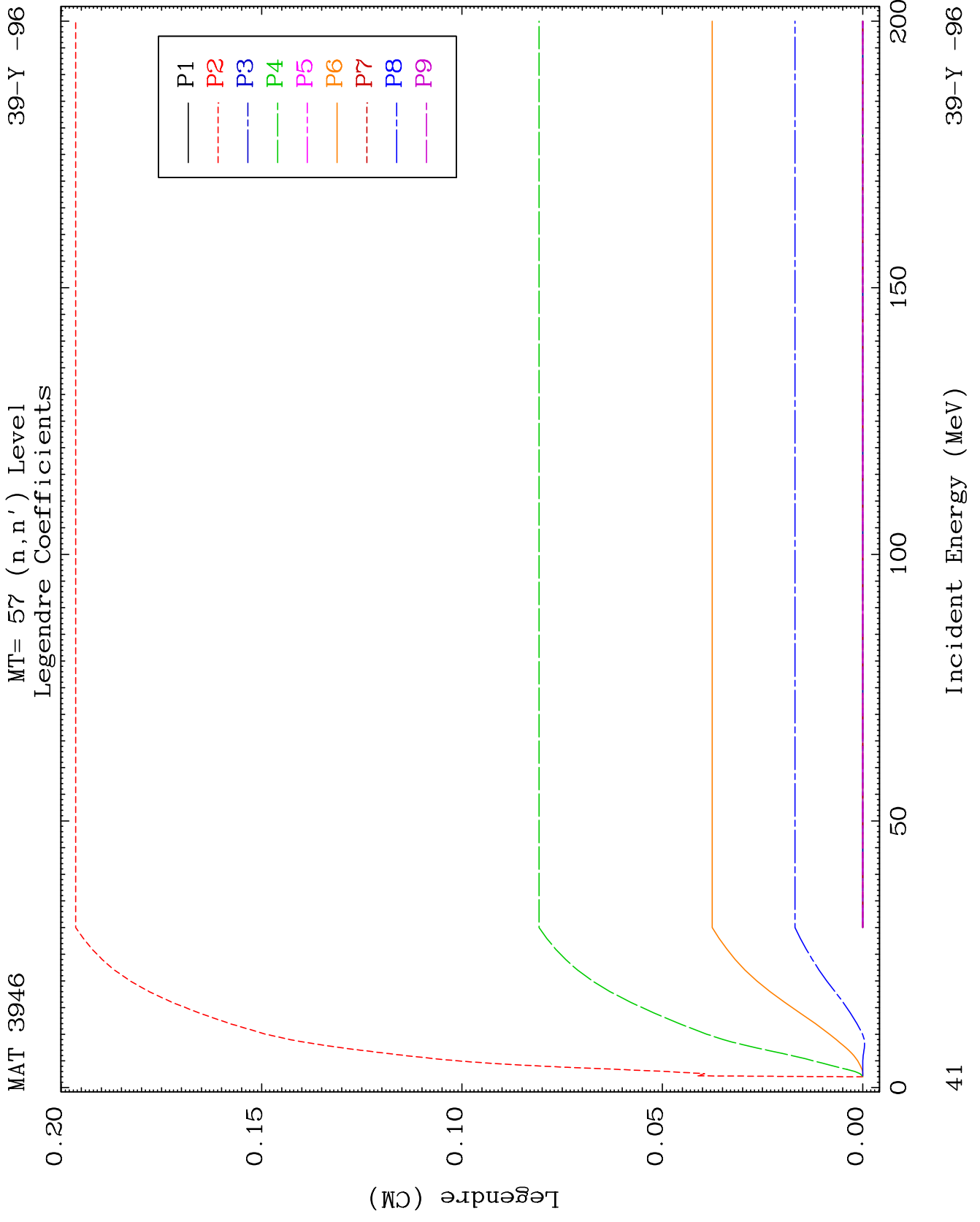
39-Y -96



40

Incident Energy (MeV)

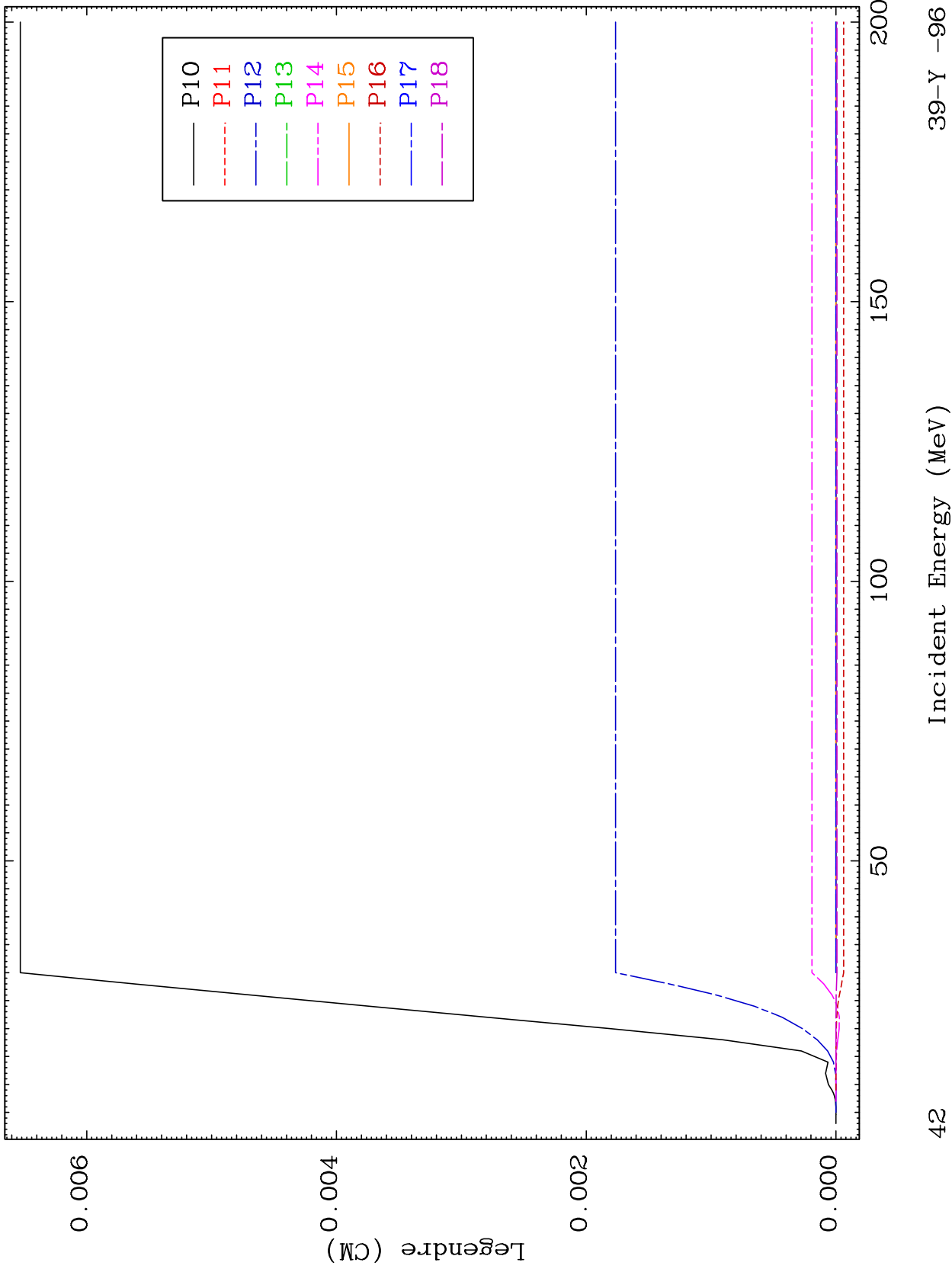
39-Y -96



MAT 3946

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

39-Y -96



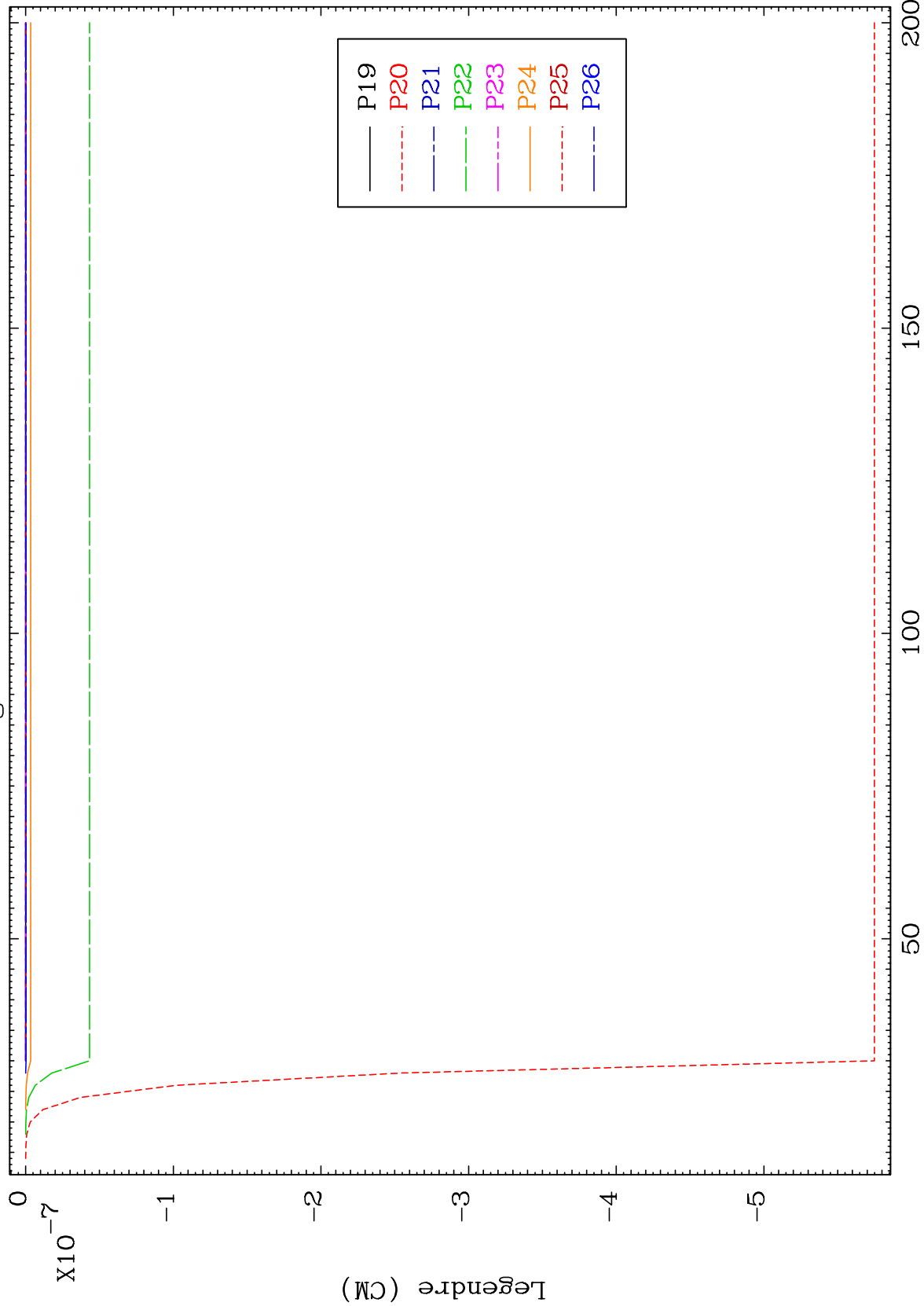
42

Incident Energy (MeV)

39-Y -96

MAT 3946 MT= 57 (n,n') Level 39-Y -96

Legendre Coefficients

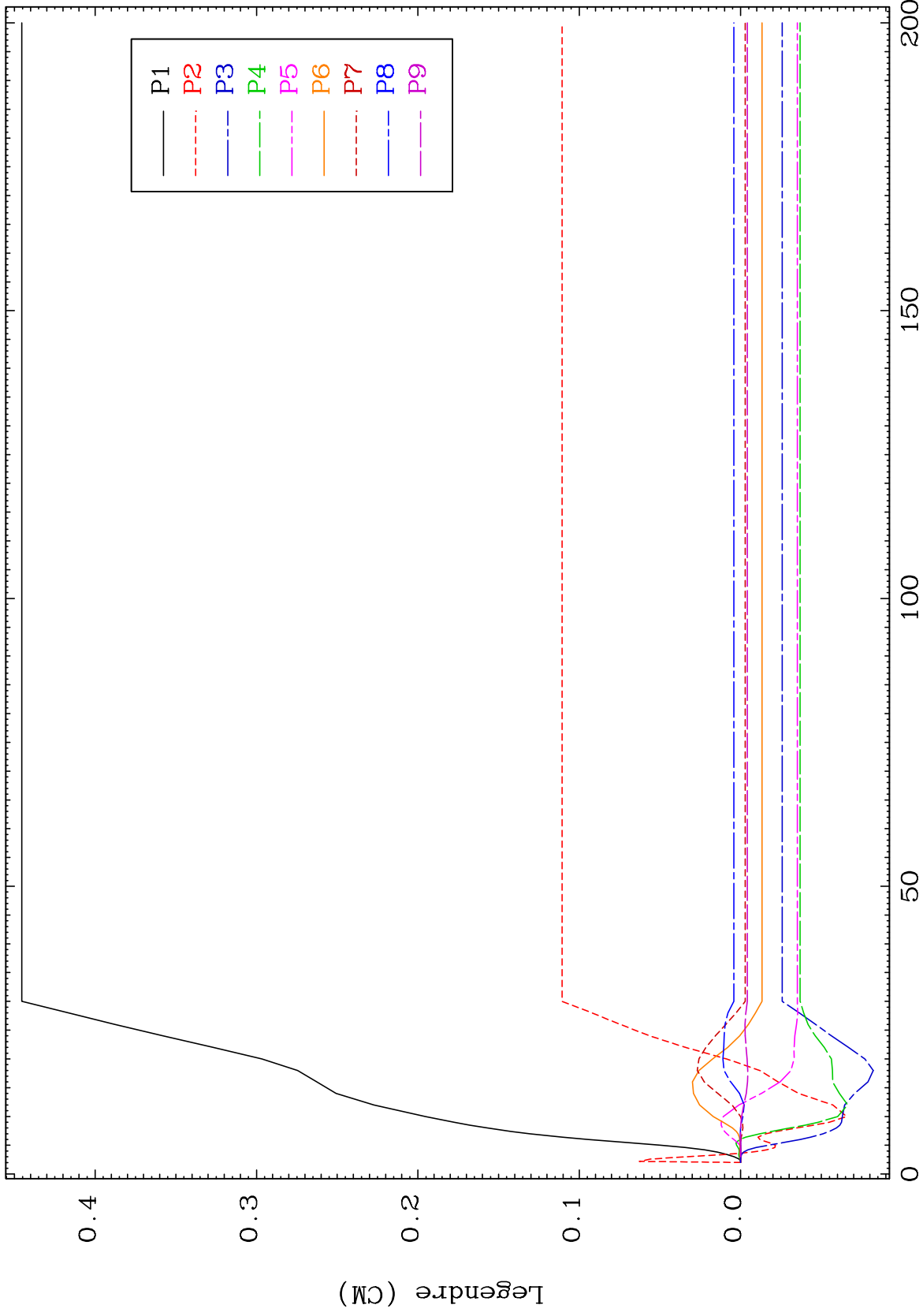


43 39-Y -96

MAT 3946

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

39-Y -96



44

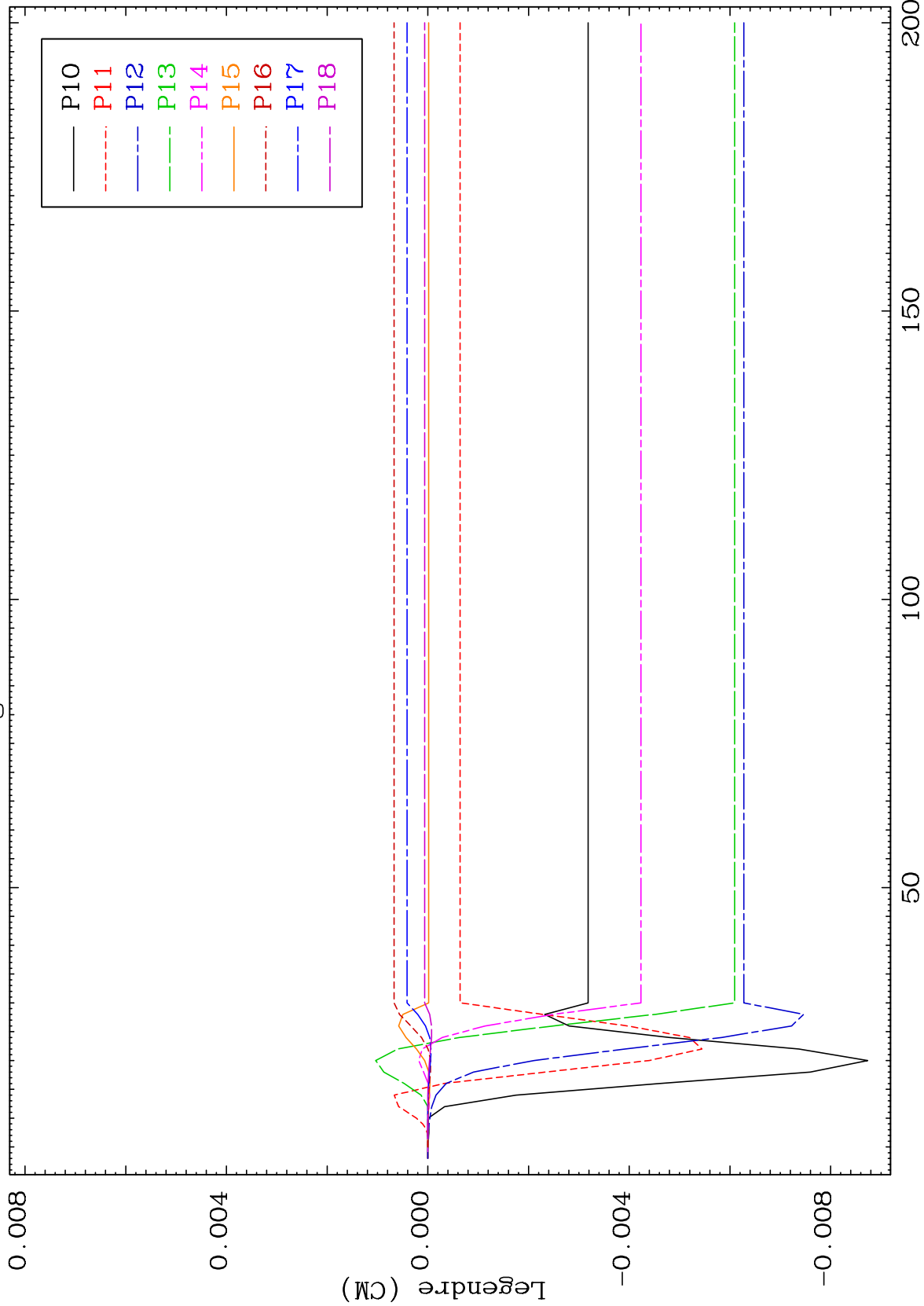
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



45

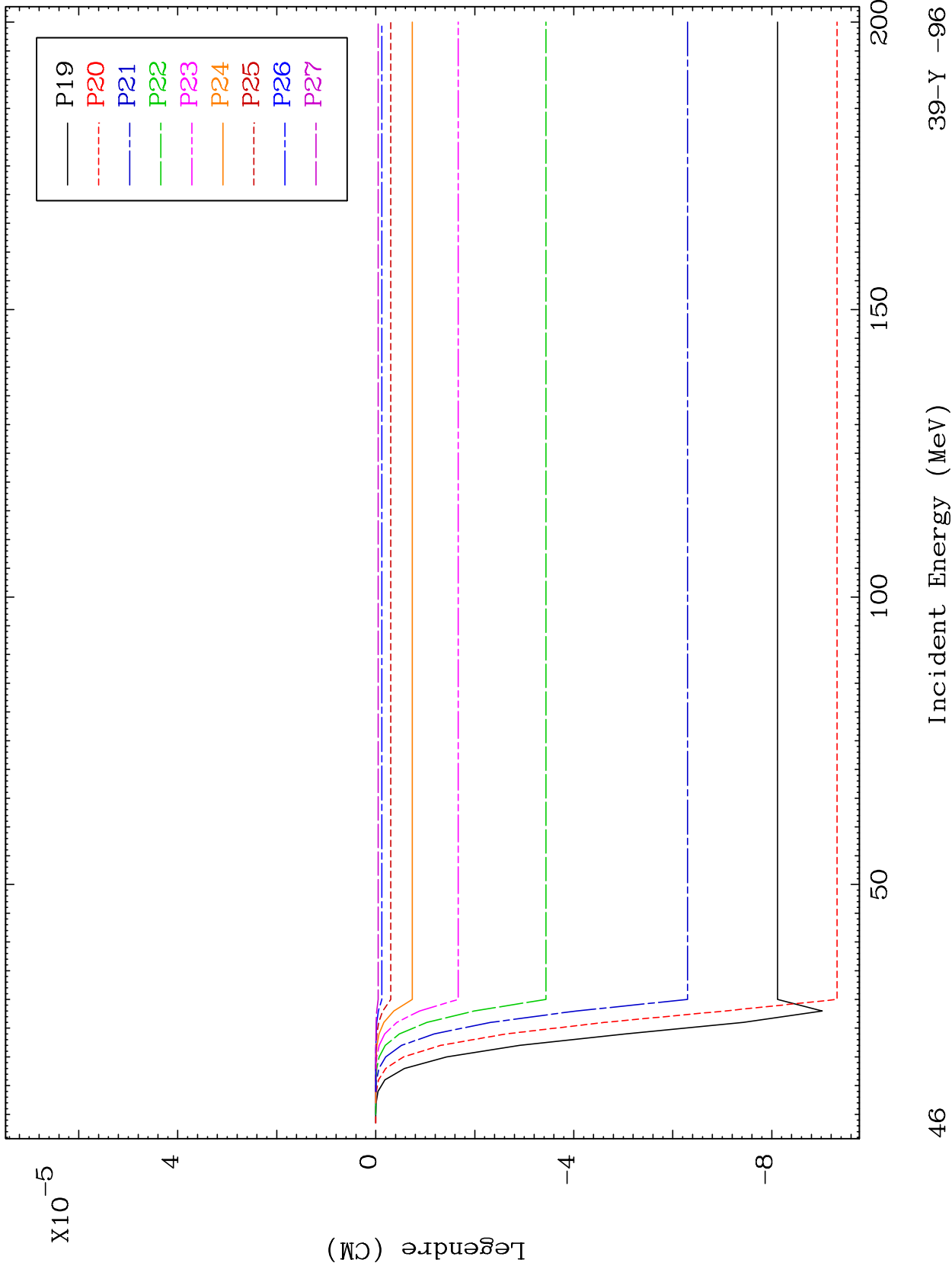
Incident Energy (MeV)

39-Y -96

MAT 3946

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

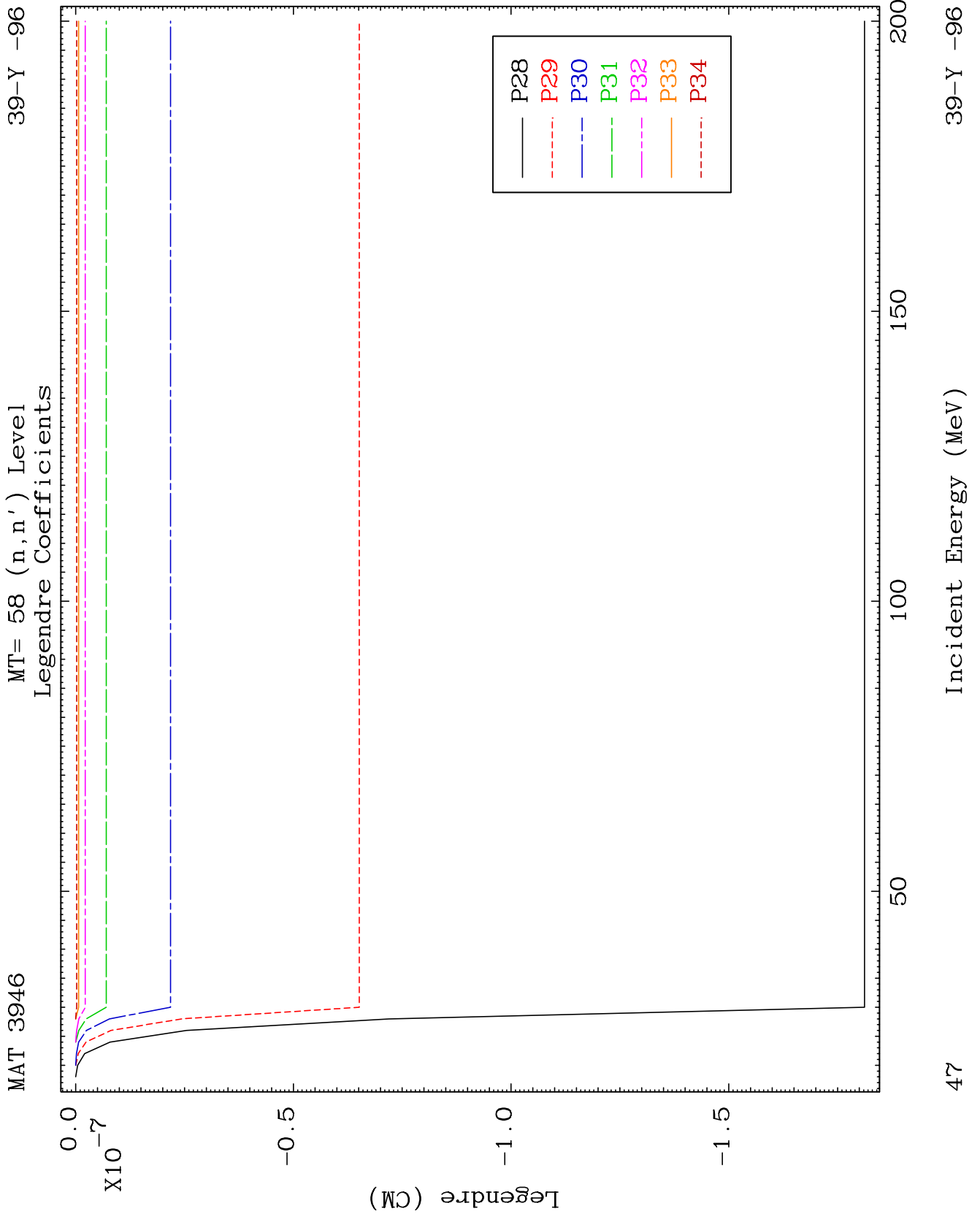
39-Y -96



46

Incident Energy (MeV)

39-Y -96

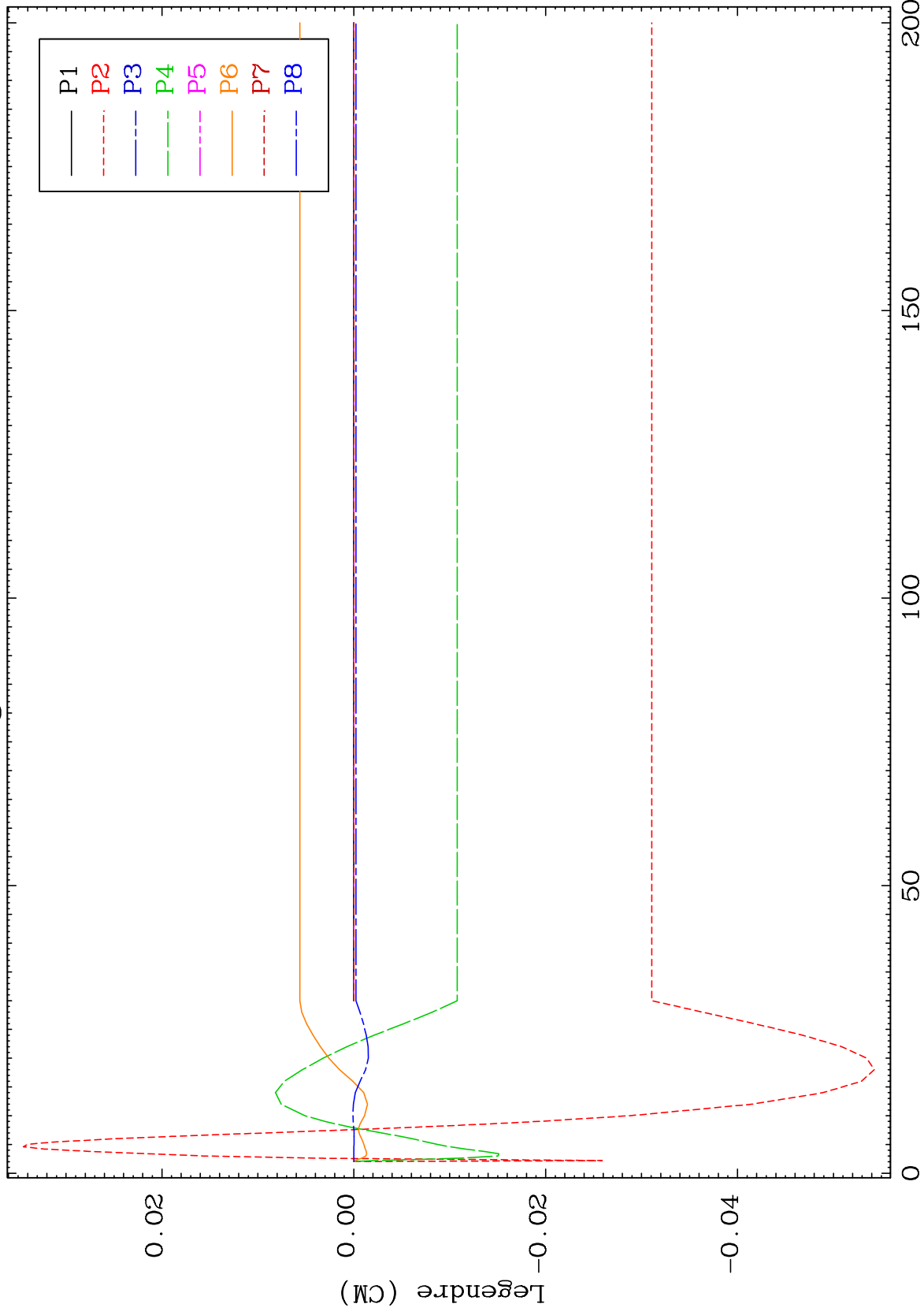


MAT 3946

MT= 59 (n,n') Level

39-Y -96

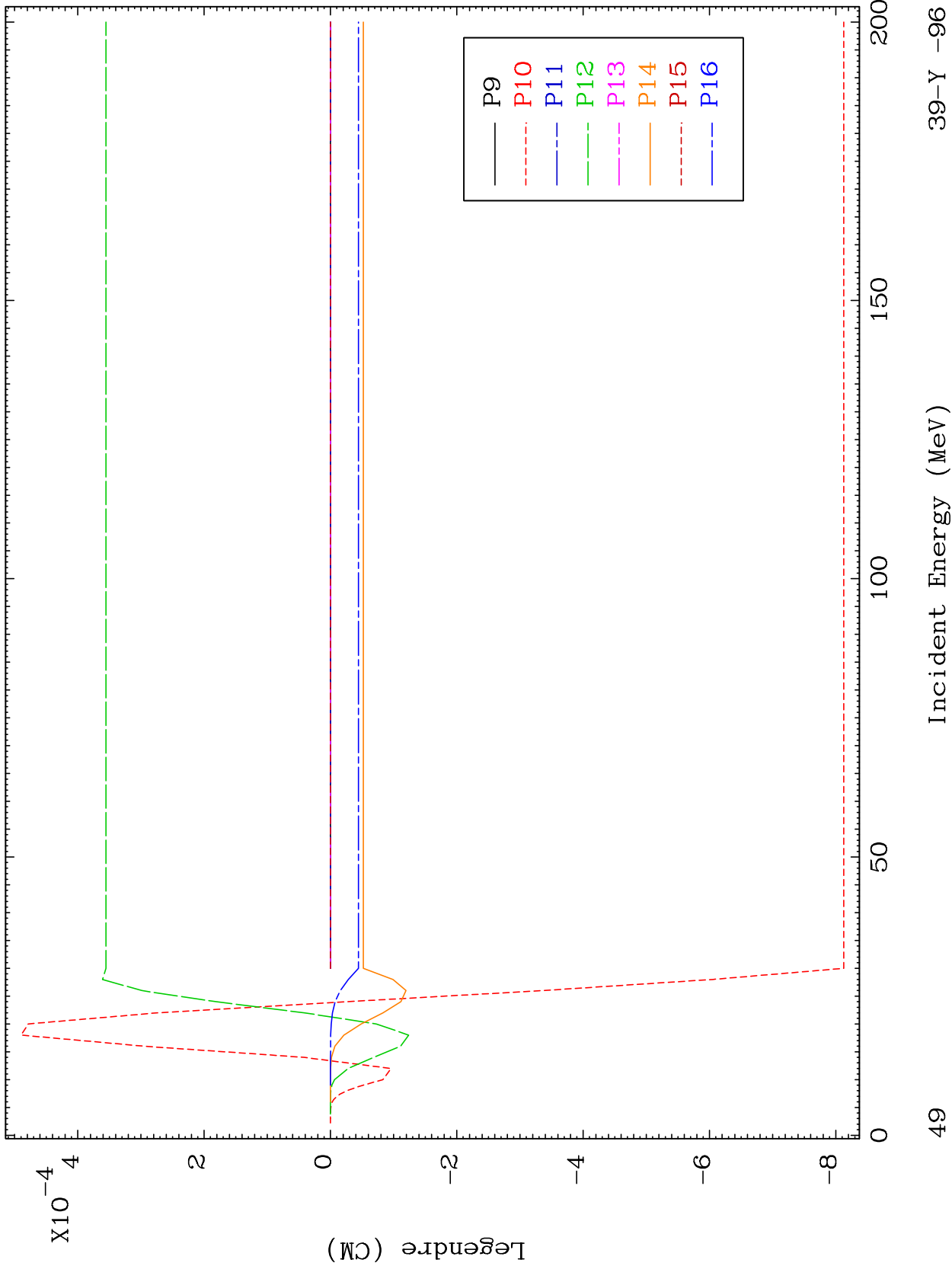
Legendre Coefficients



MAT 3946

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

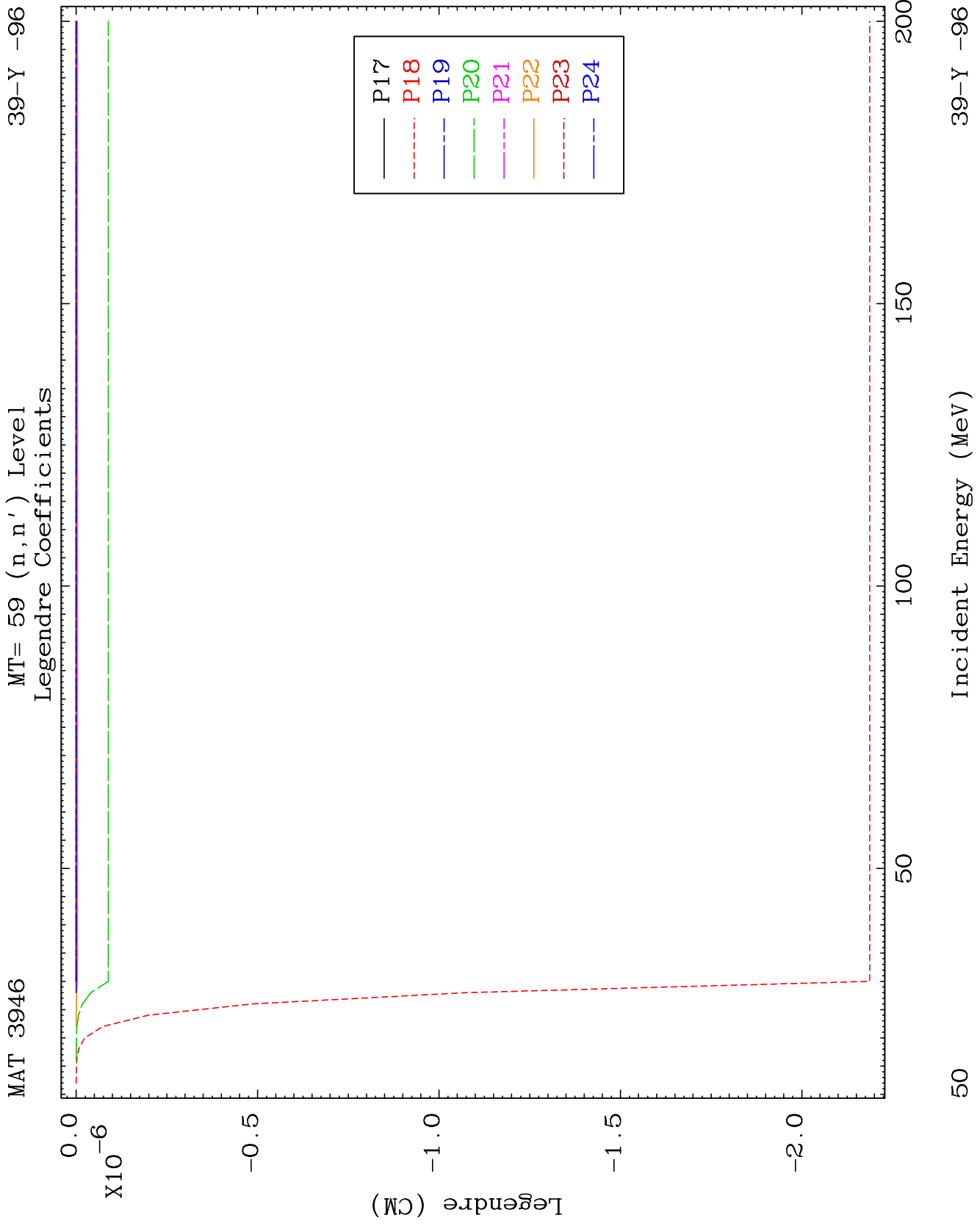
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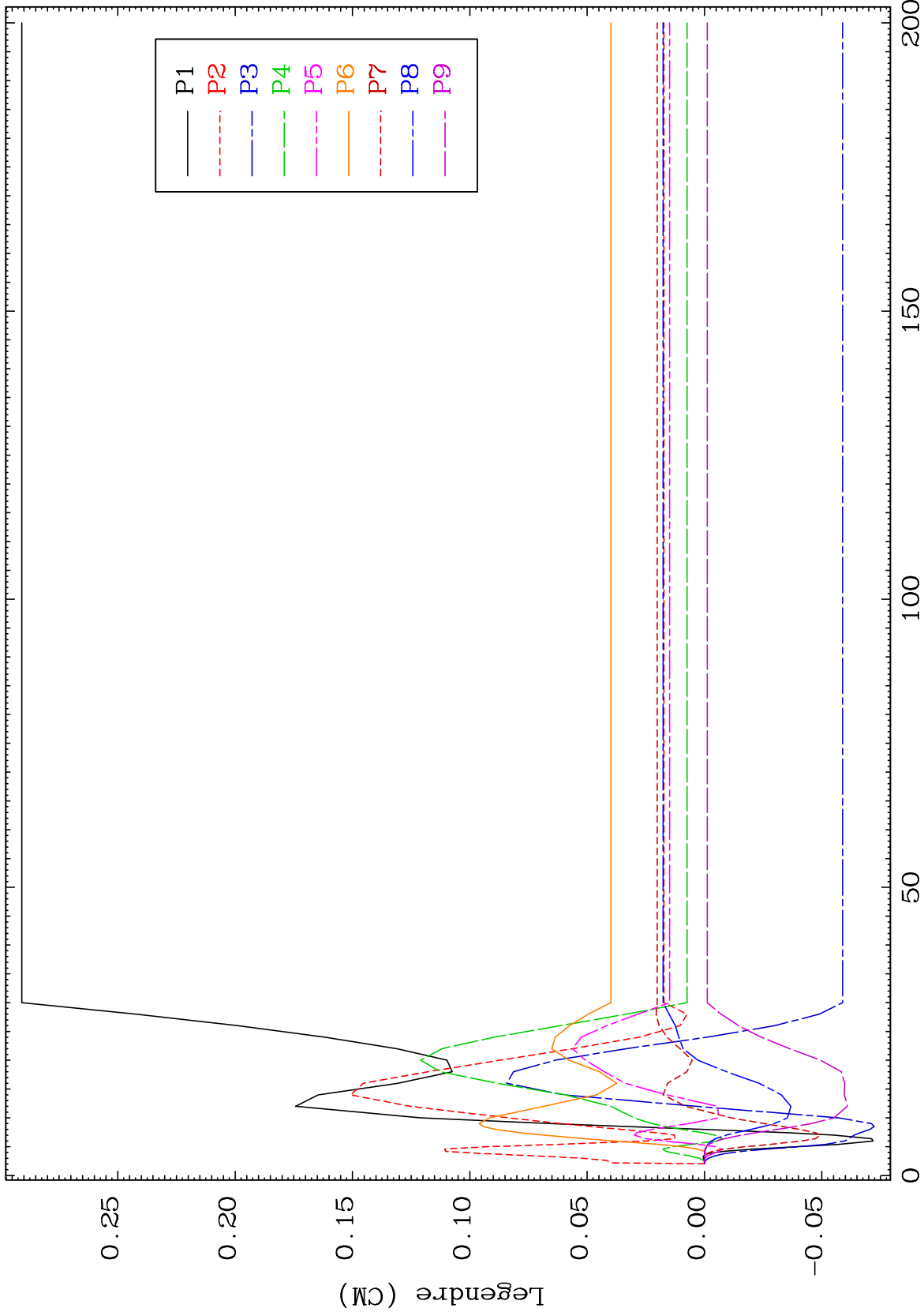


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Incident Energy (MeV)

39-Y -96

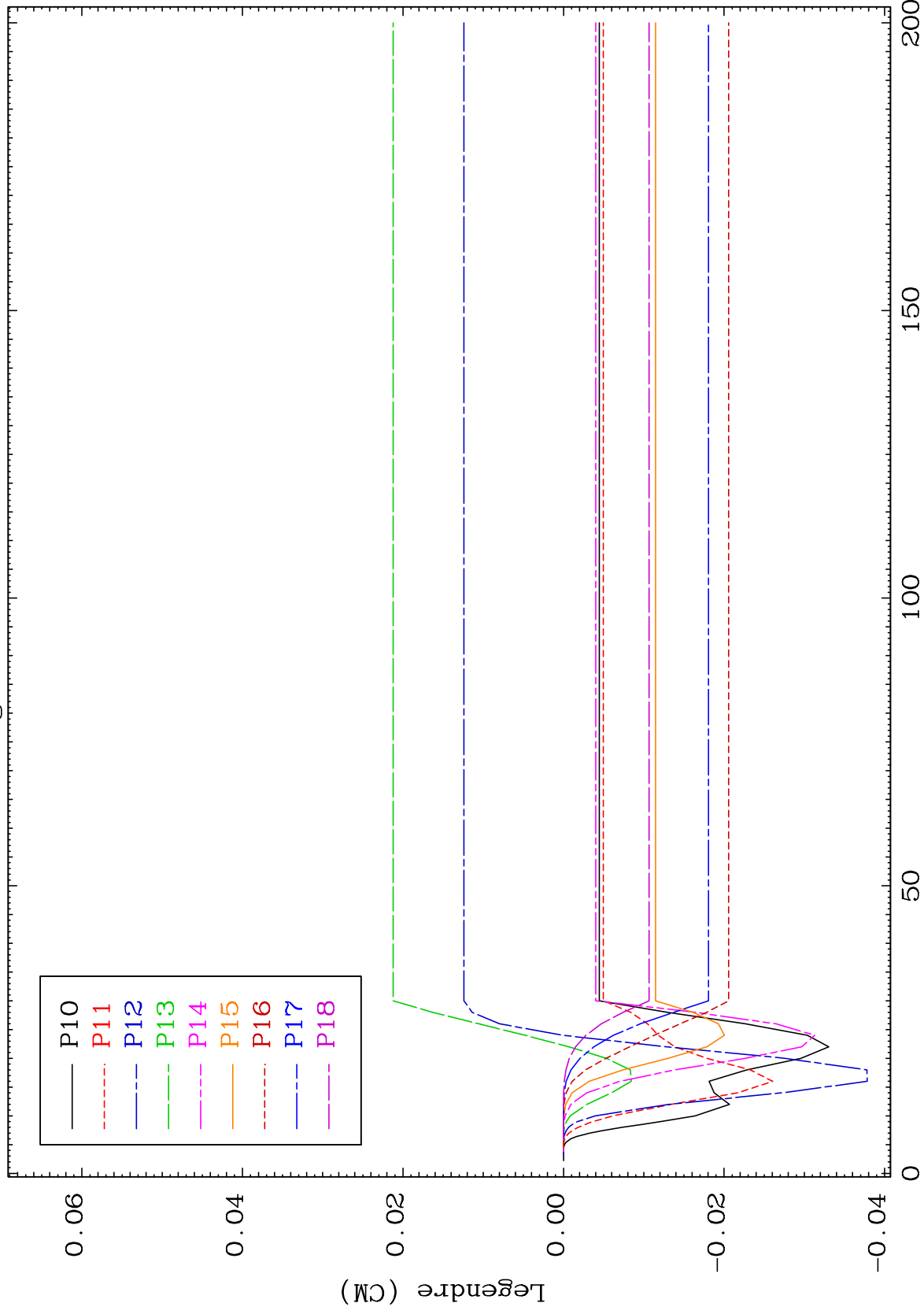




MAT 3946

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

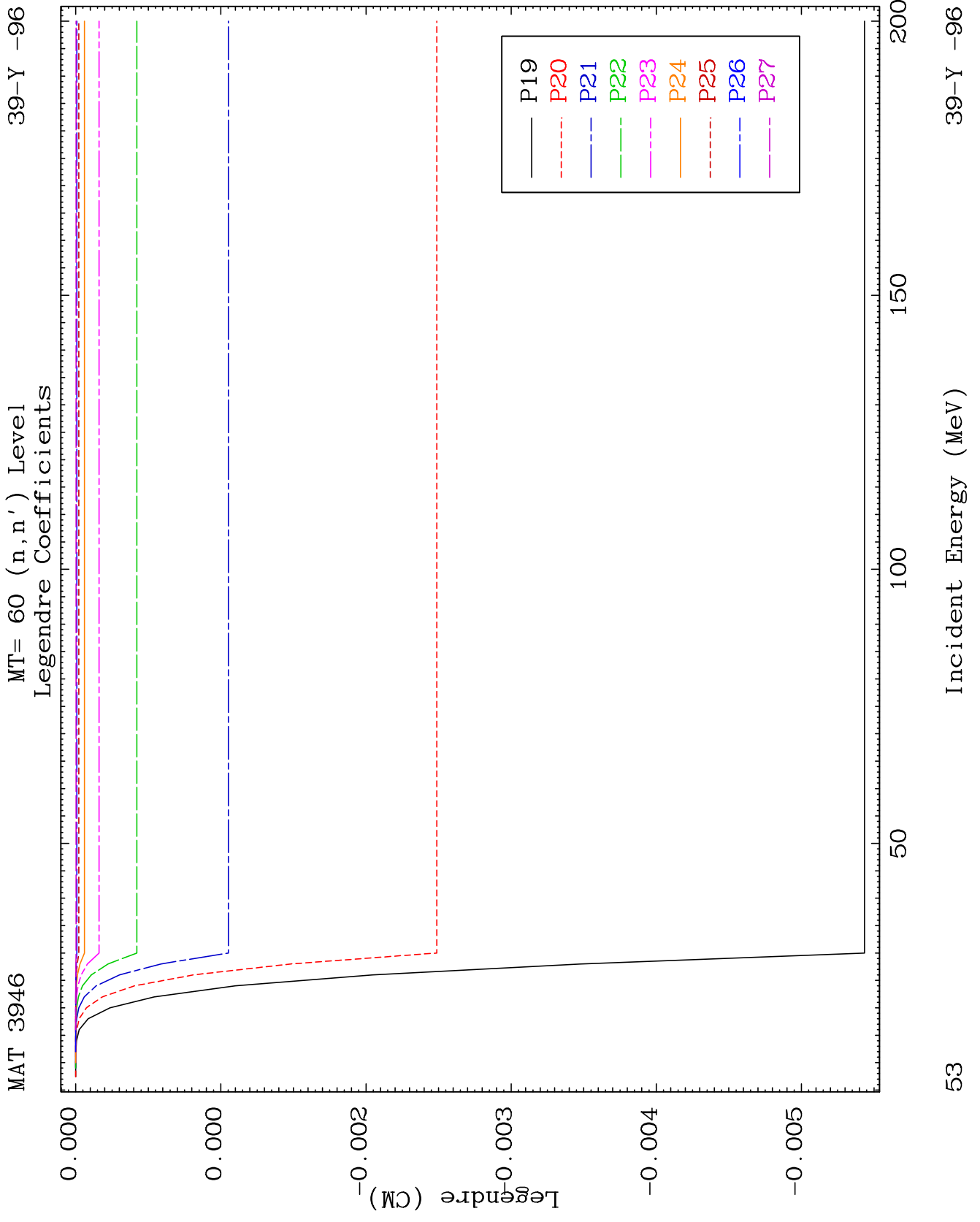
39-Y -96

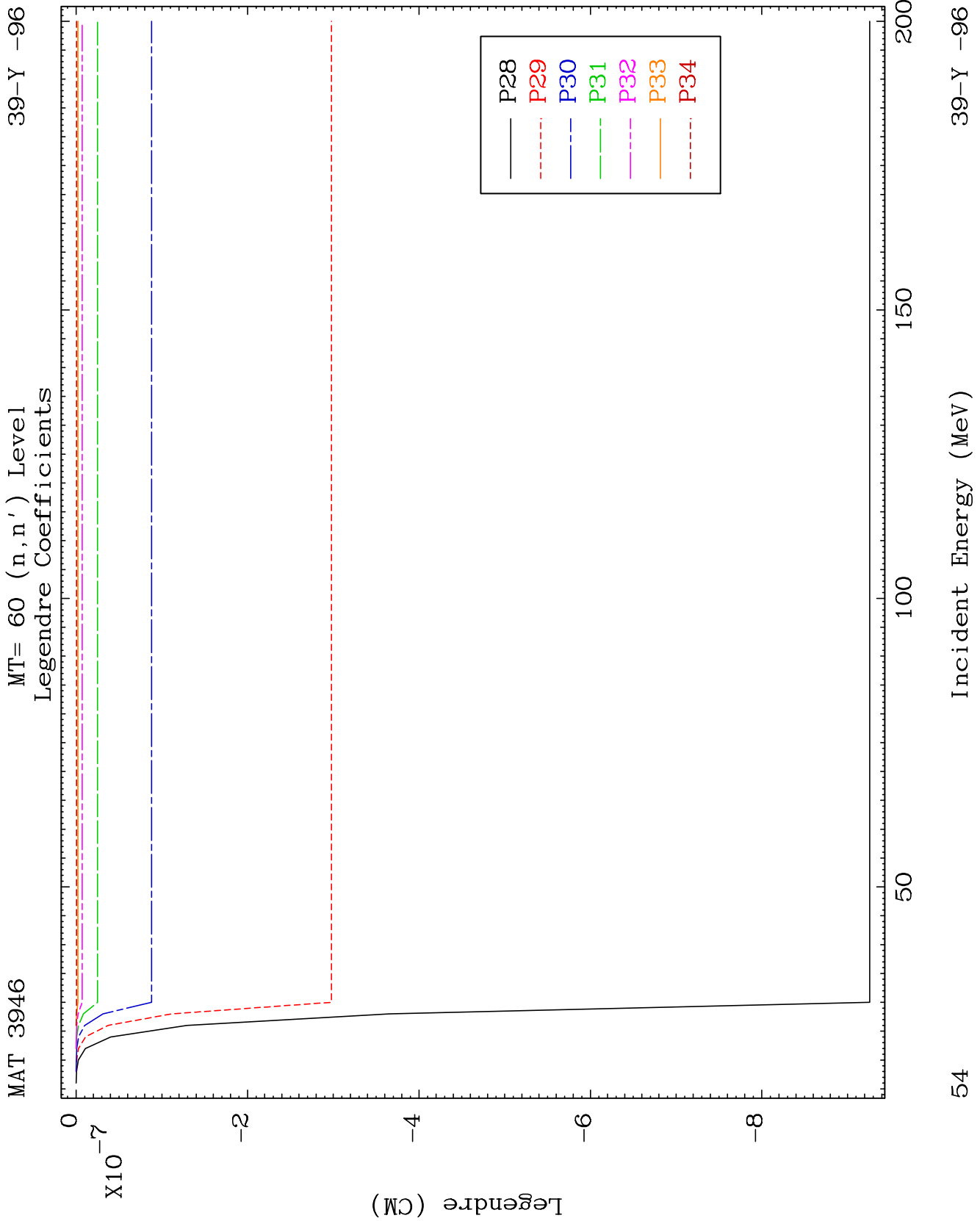


52

Incident Energy (MeV)

39-Y -96

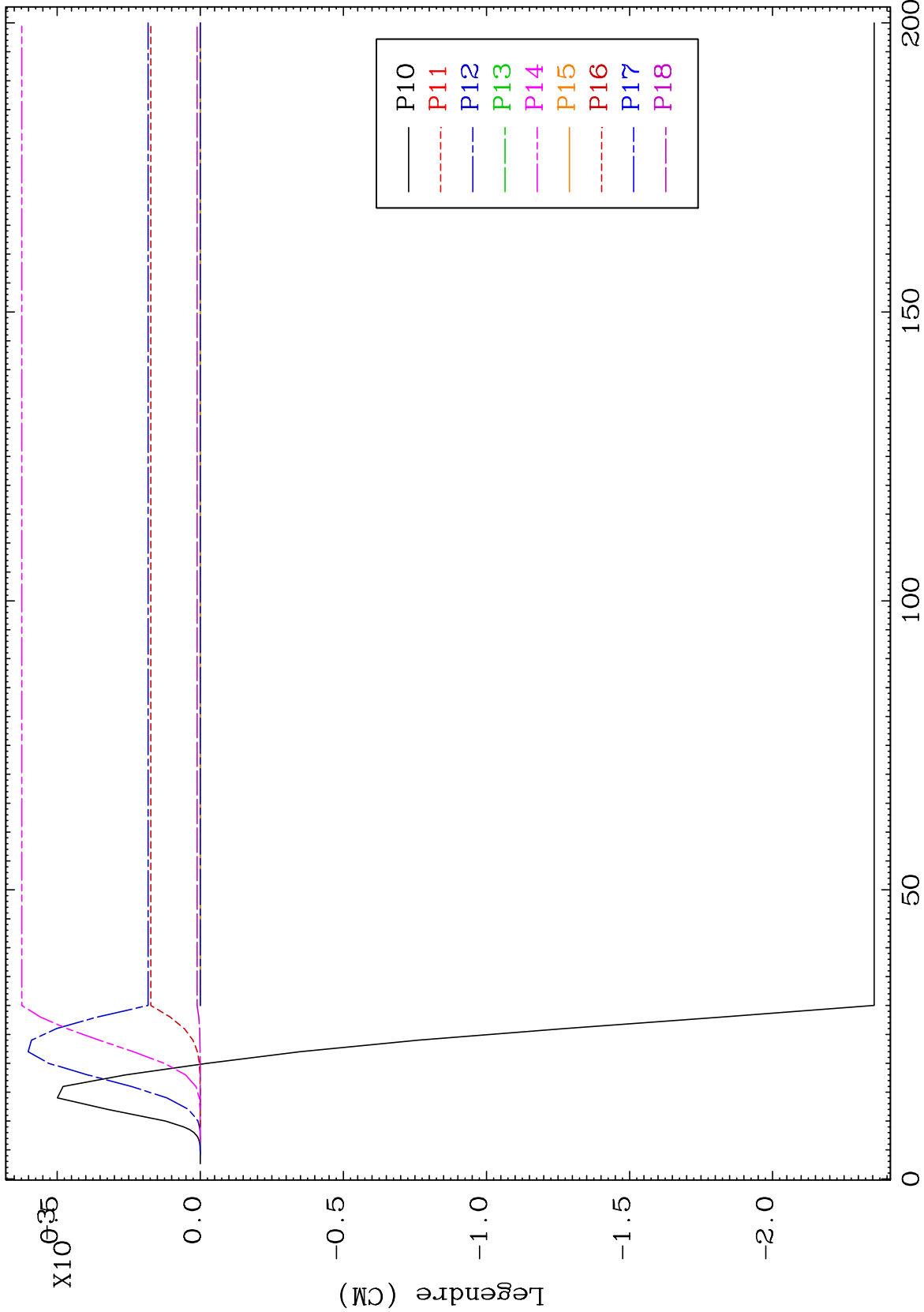




MAT 3946

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

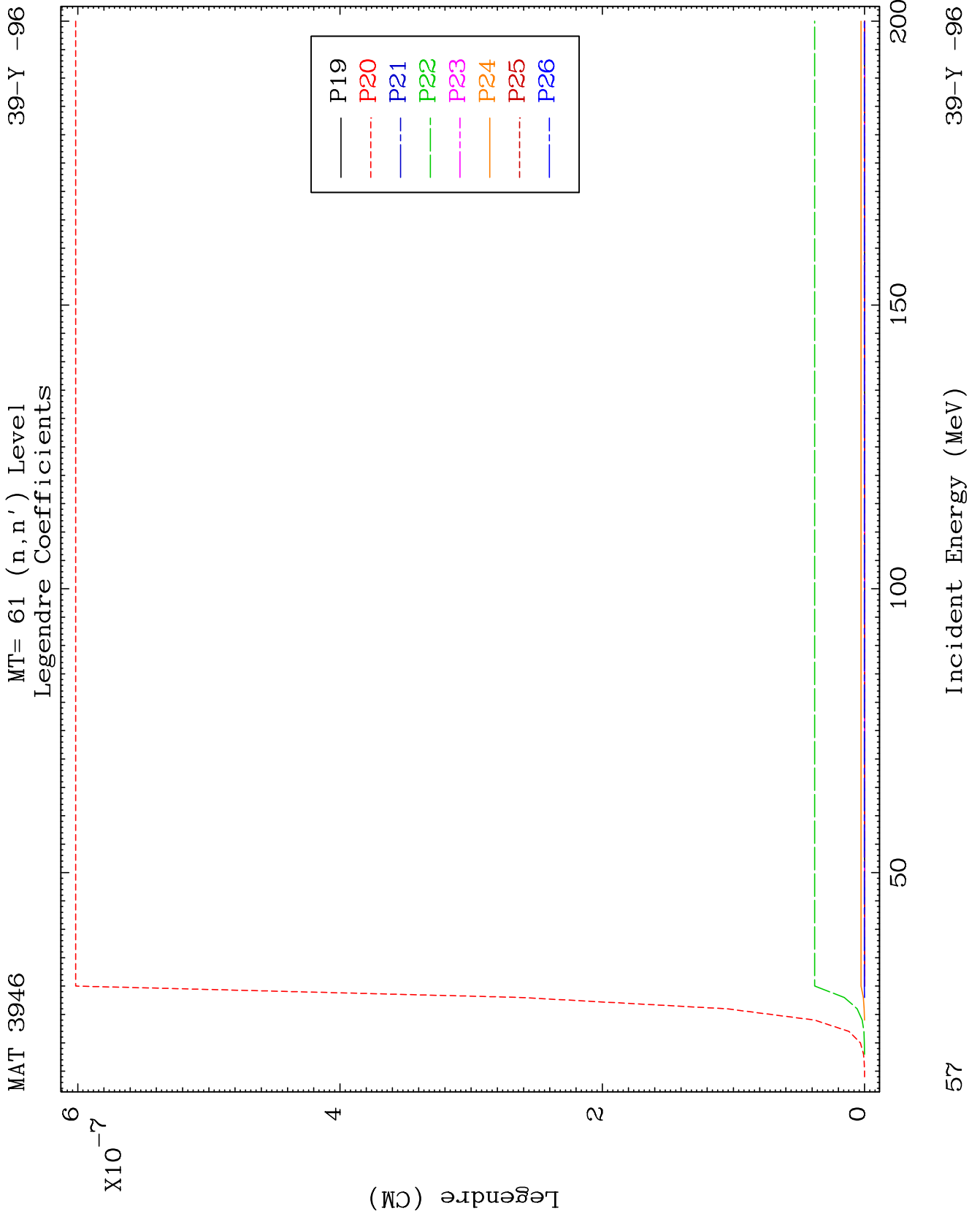
39-Y -96



56

Incident Energy (MeV)

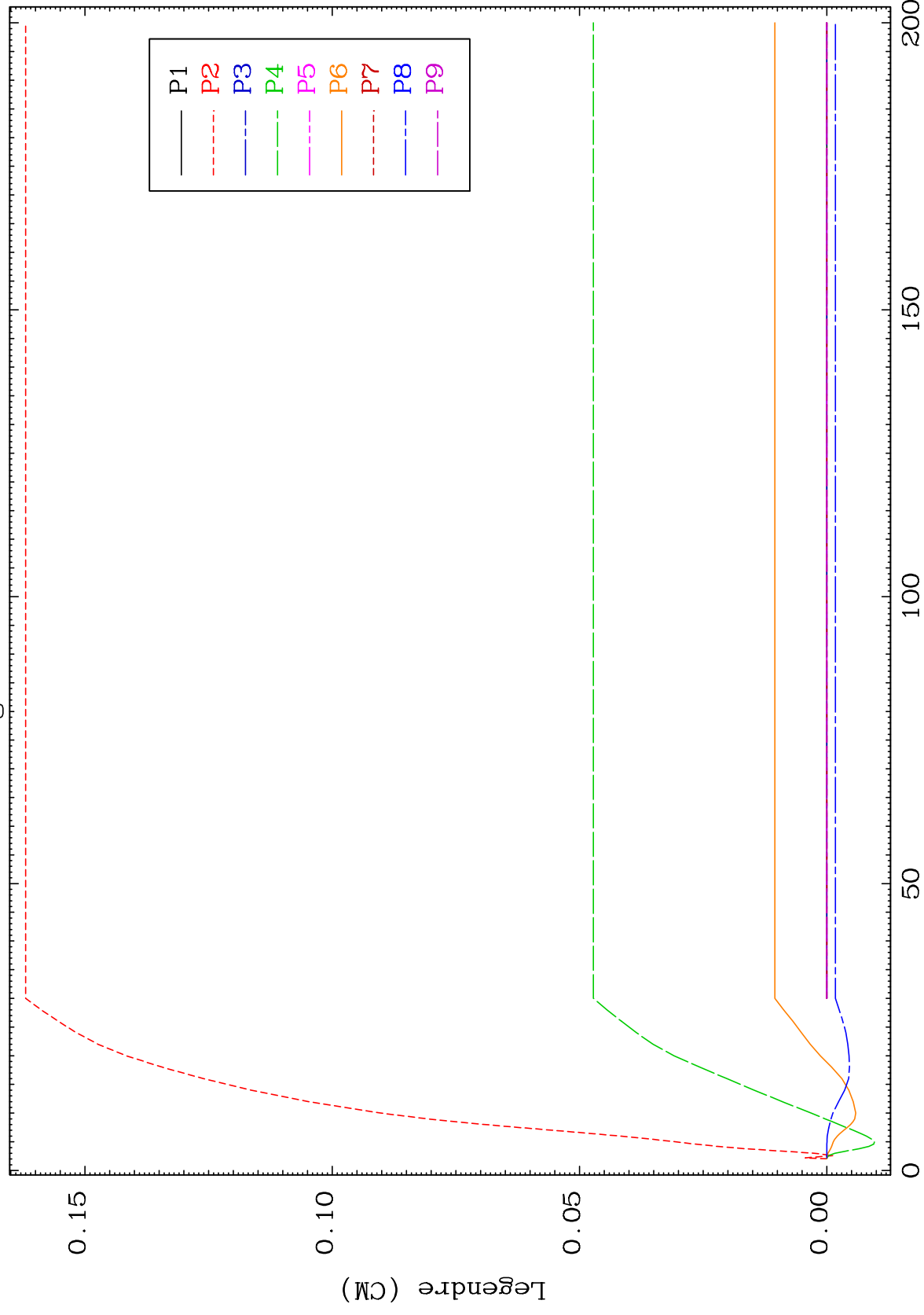
39-Y -96



MAT 3946

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

39-Y -96



39-Y -96

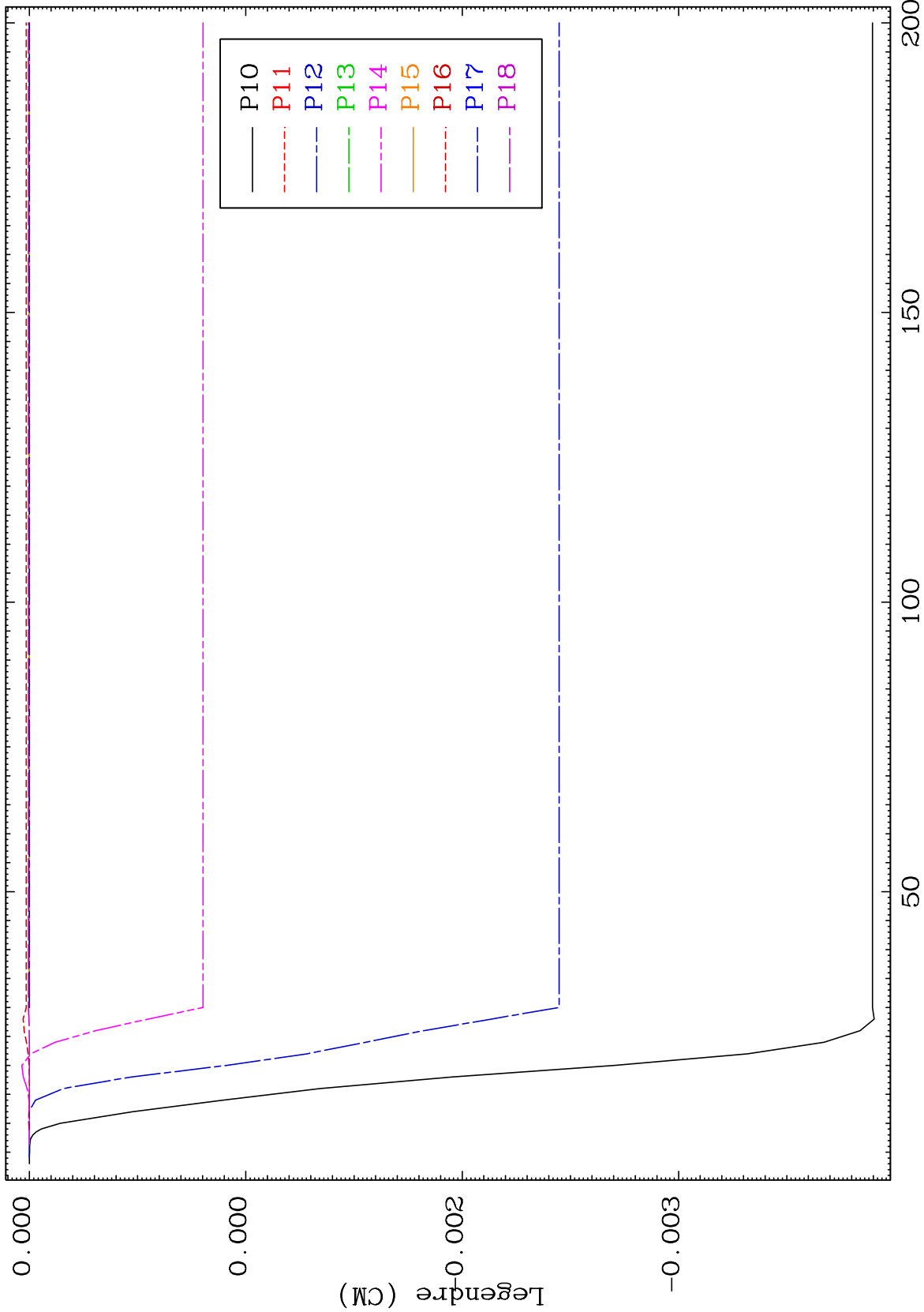
Incident Energy (MeV)

58

MAT 3946

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

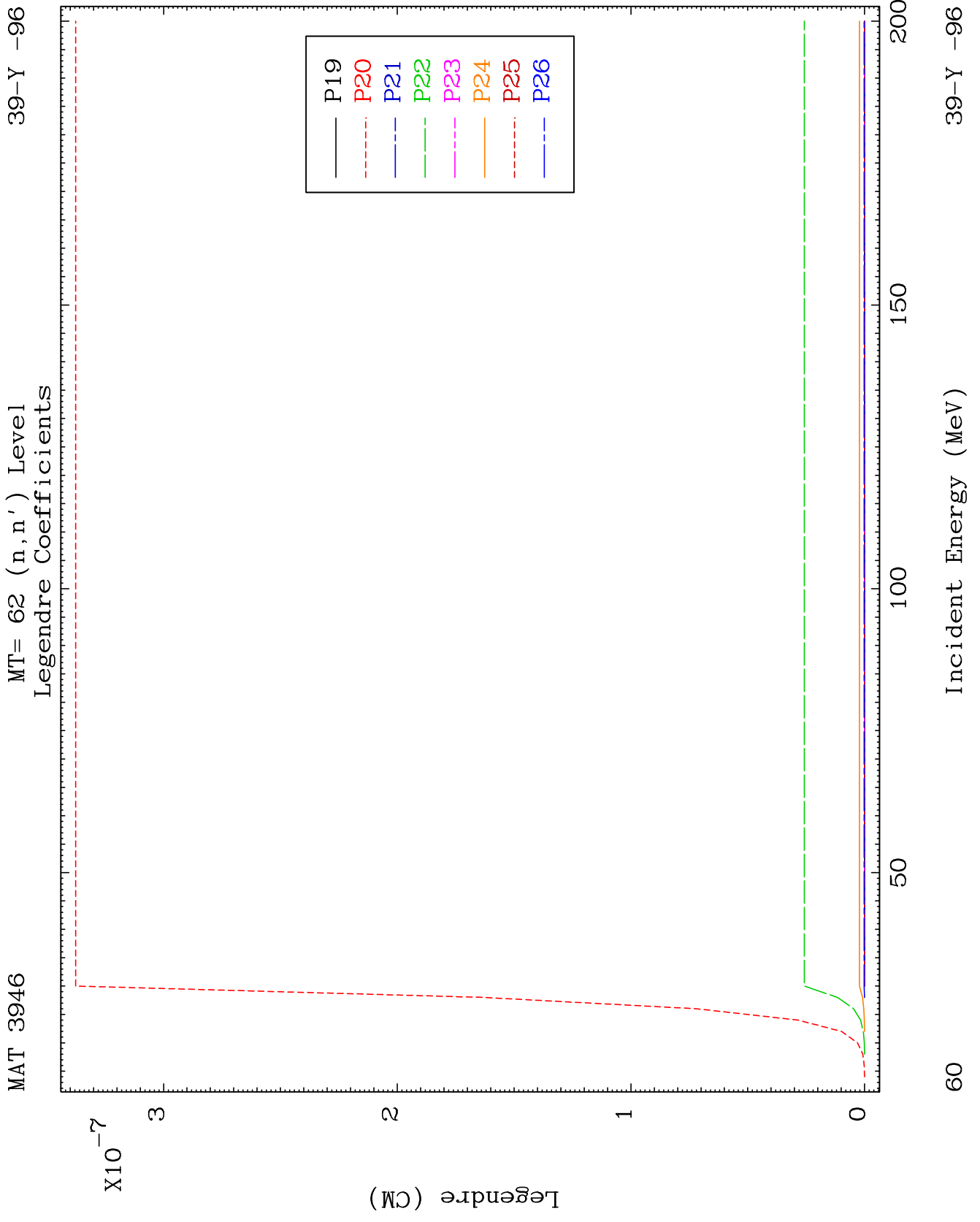
39-Y -96



59

Incident Energy (MeV)

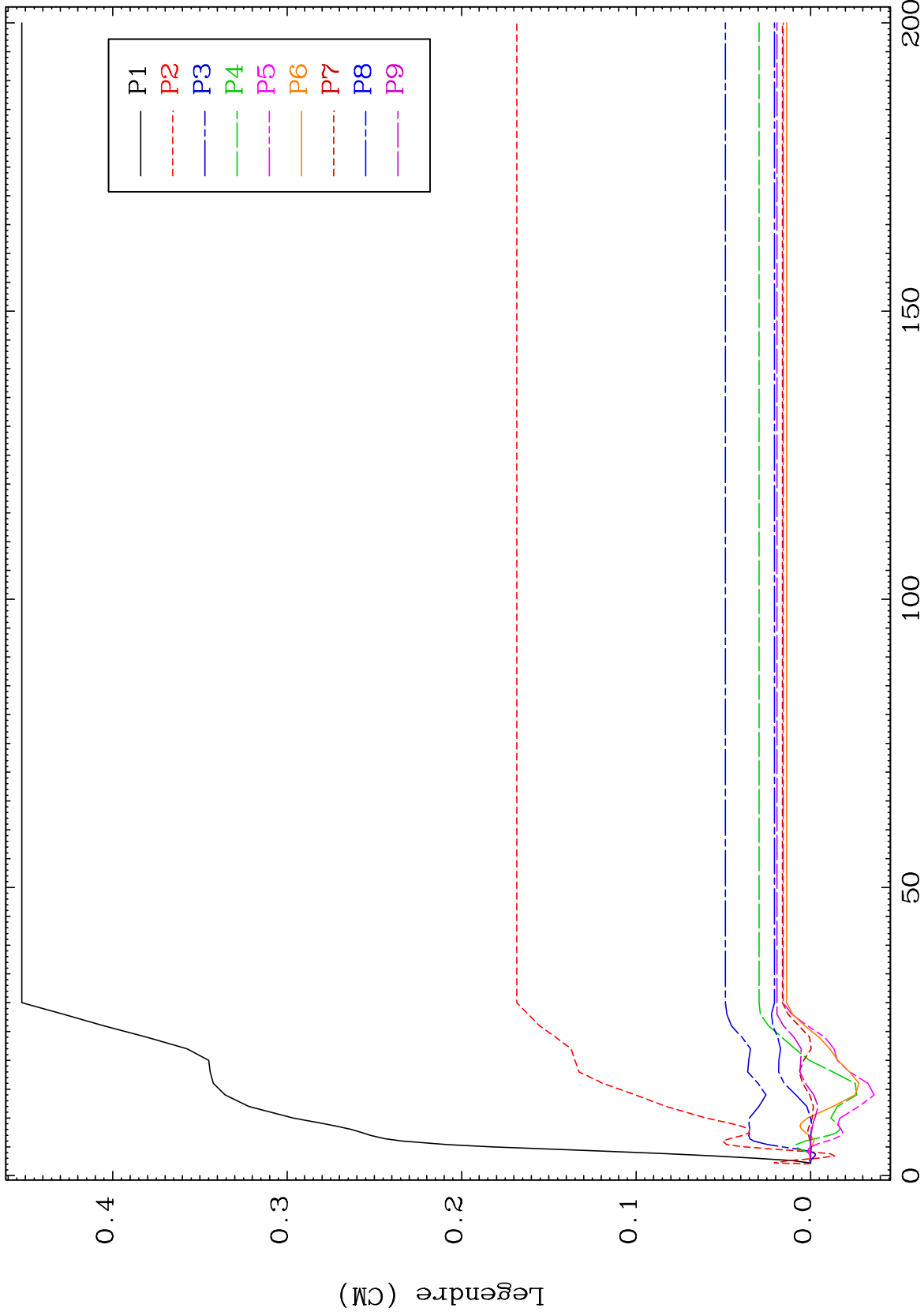
39-Y -96



MAT 3946

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

39-Y -96



61

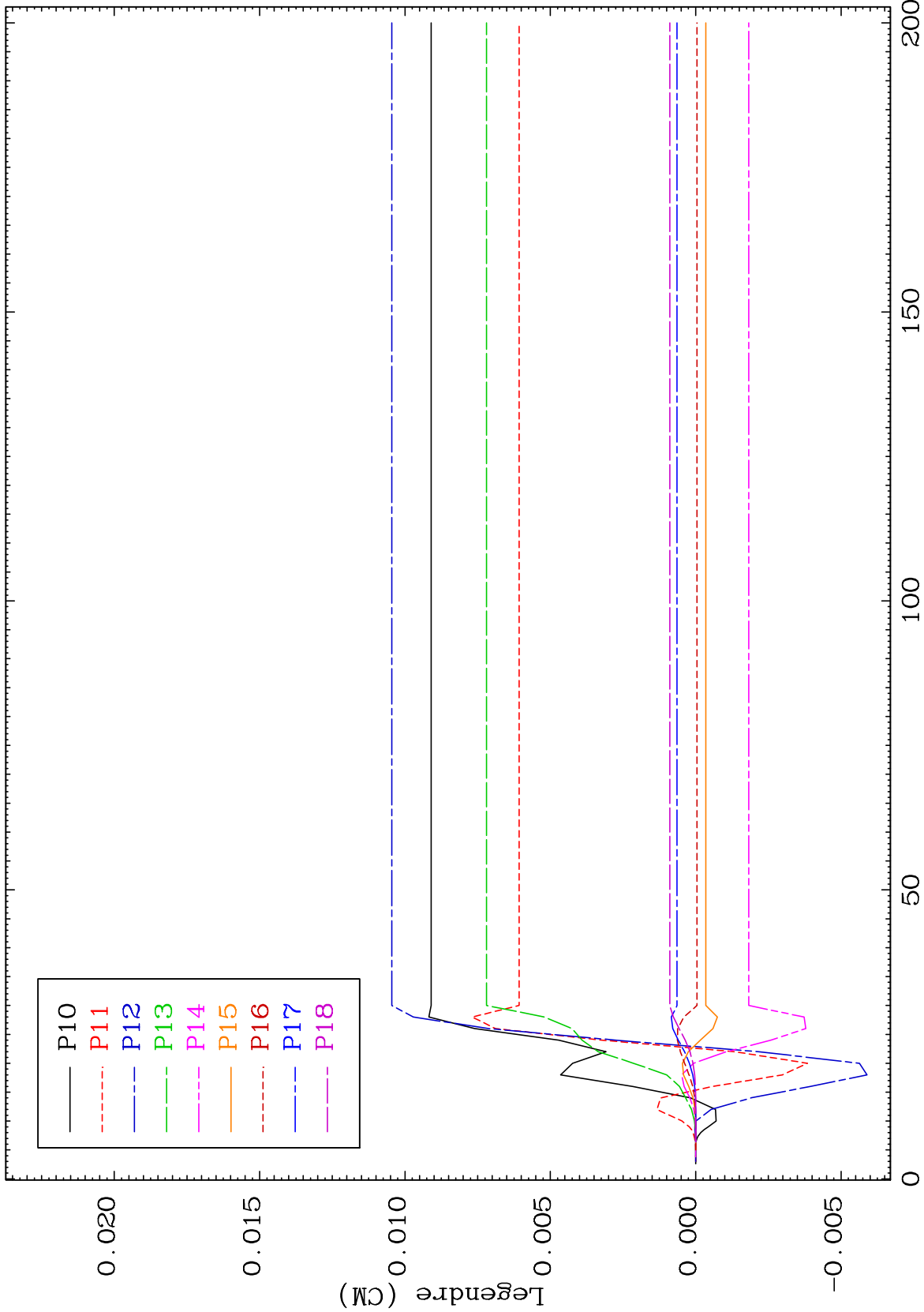
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



62

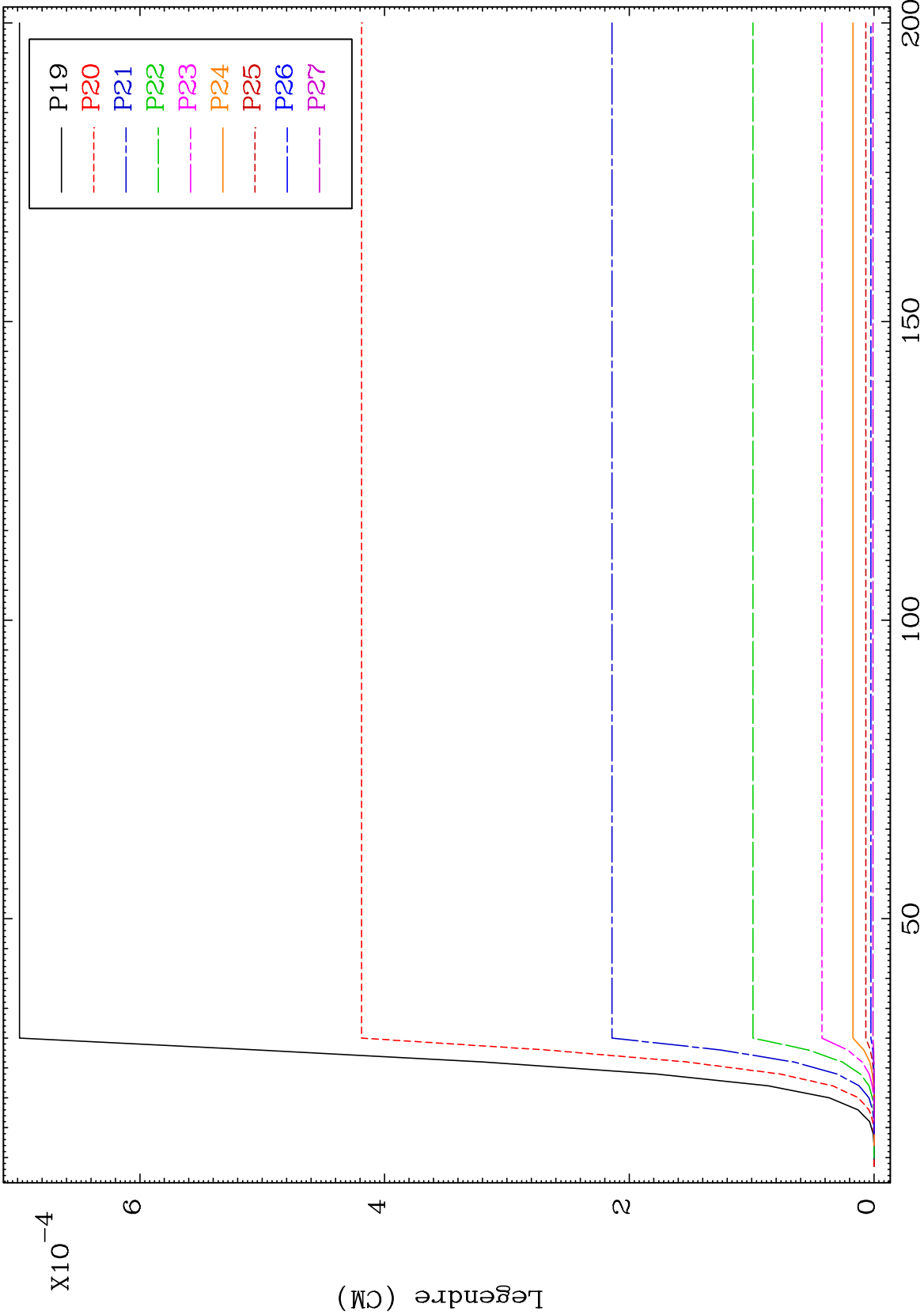
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



63

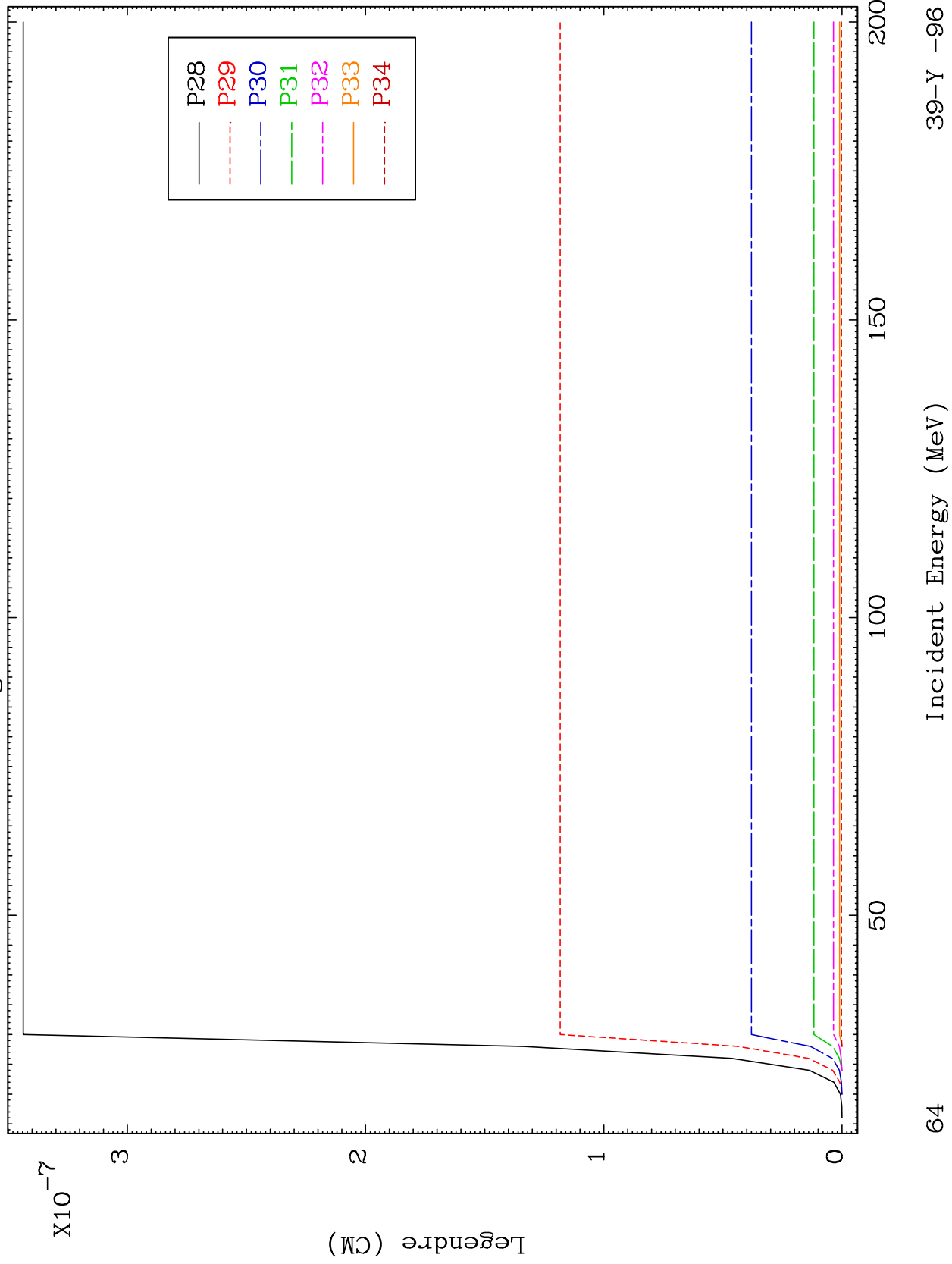
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



64

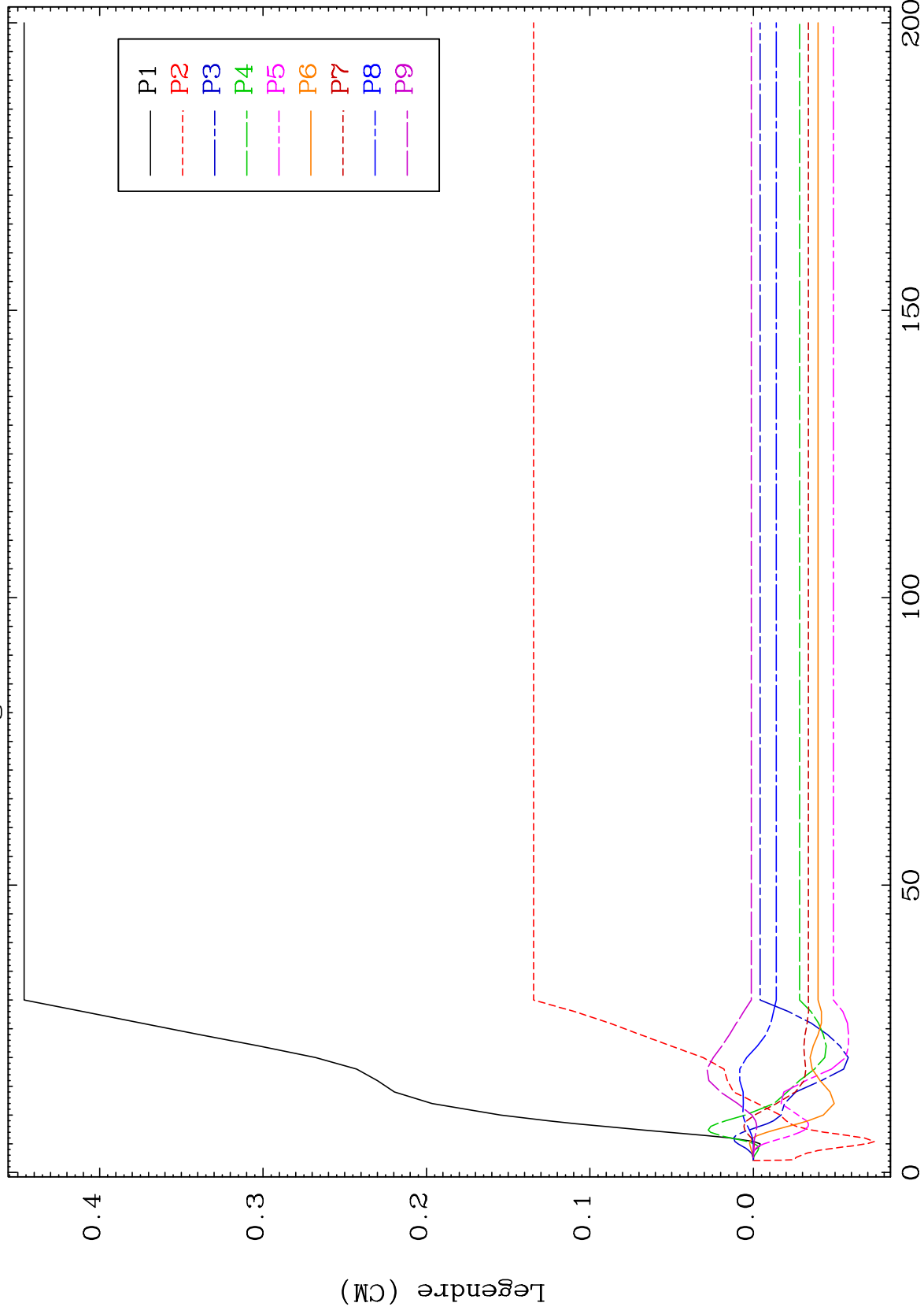
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



39-Y -96

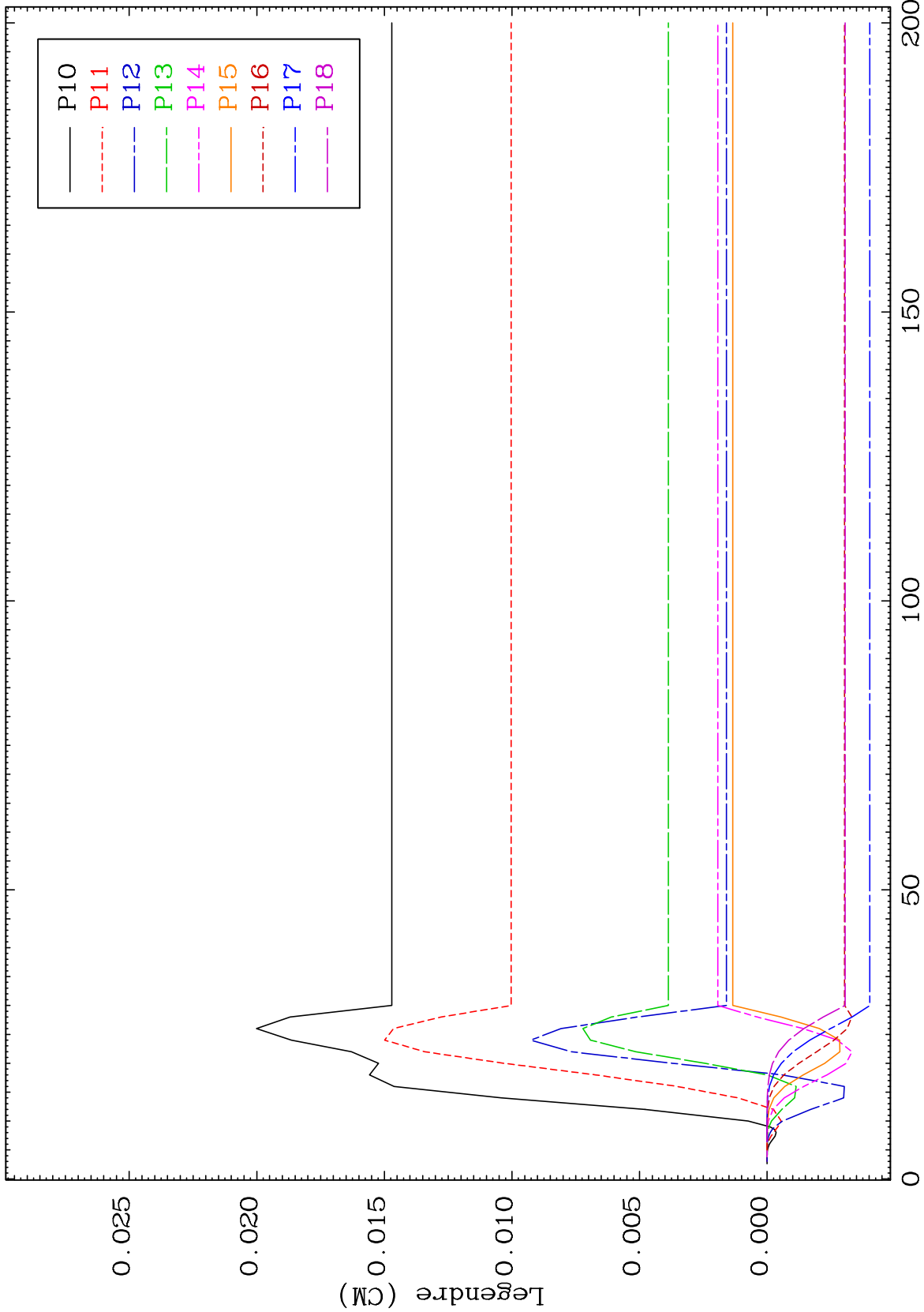
Incident Energy (MeV)

65

MAT 3946

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

39-Y -96



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Incident Energy (MeV)

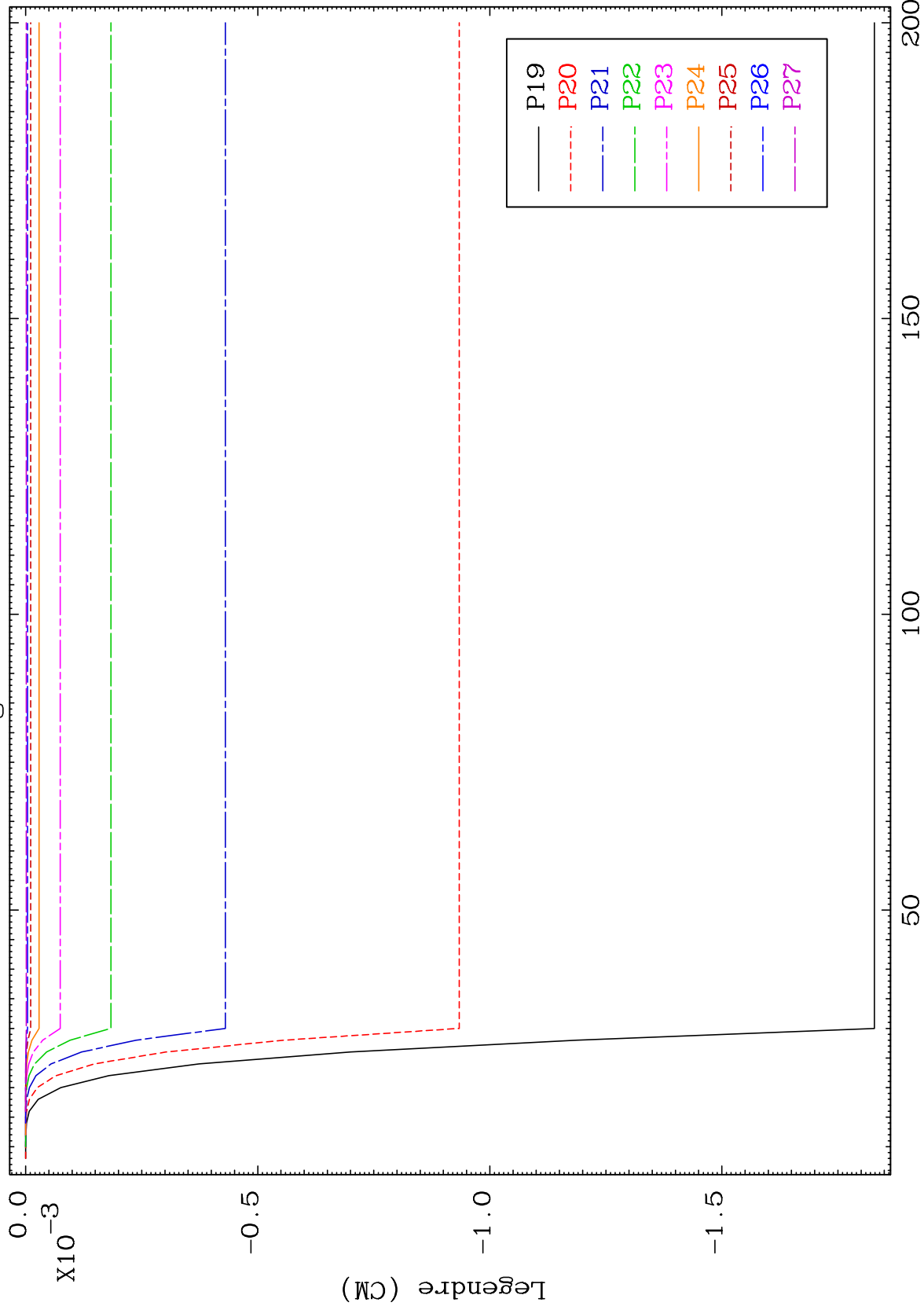
39-Y -96

MAT 3946

MT= 64 (n,n') Level

39-Y -96

Legendre Coefficients



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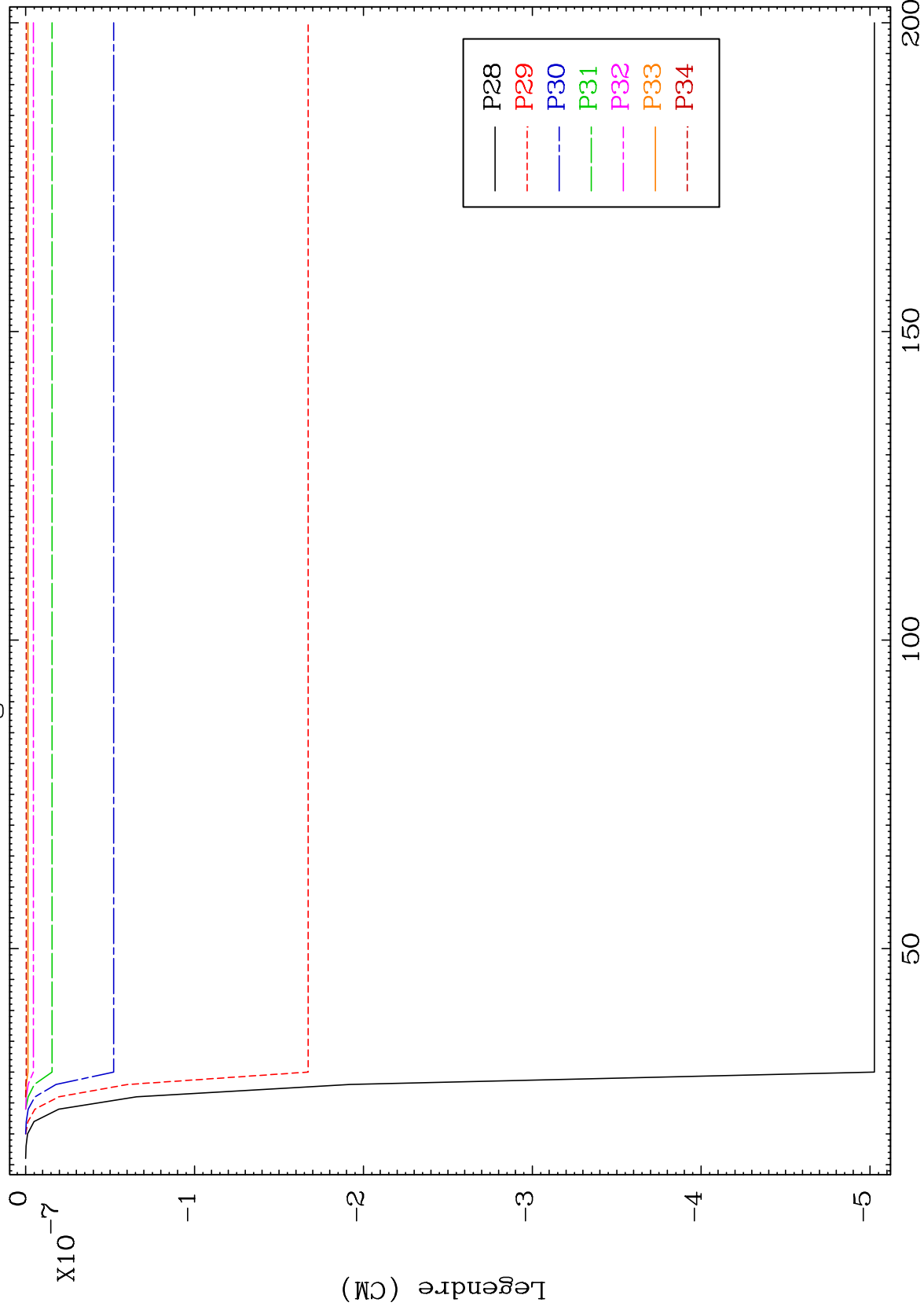
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



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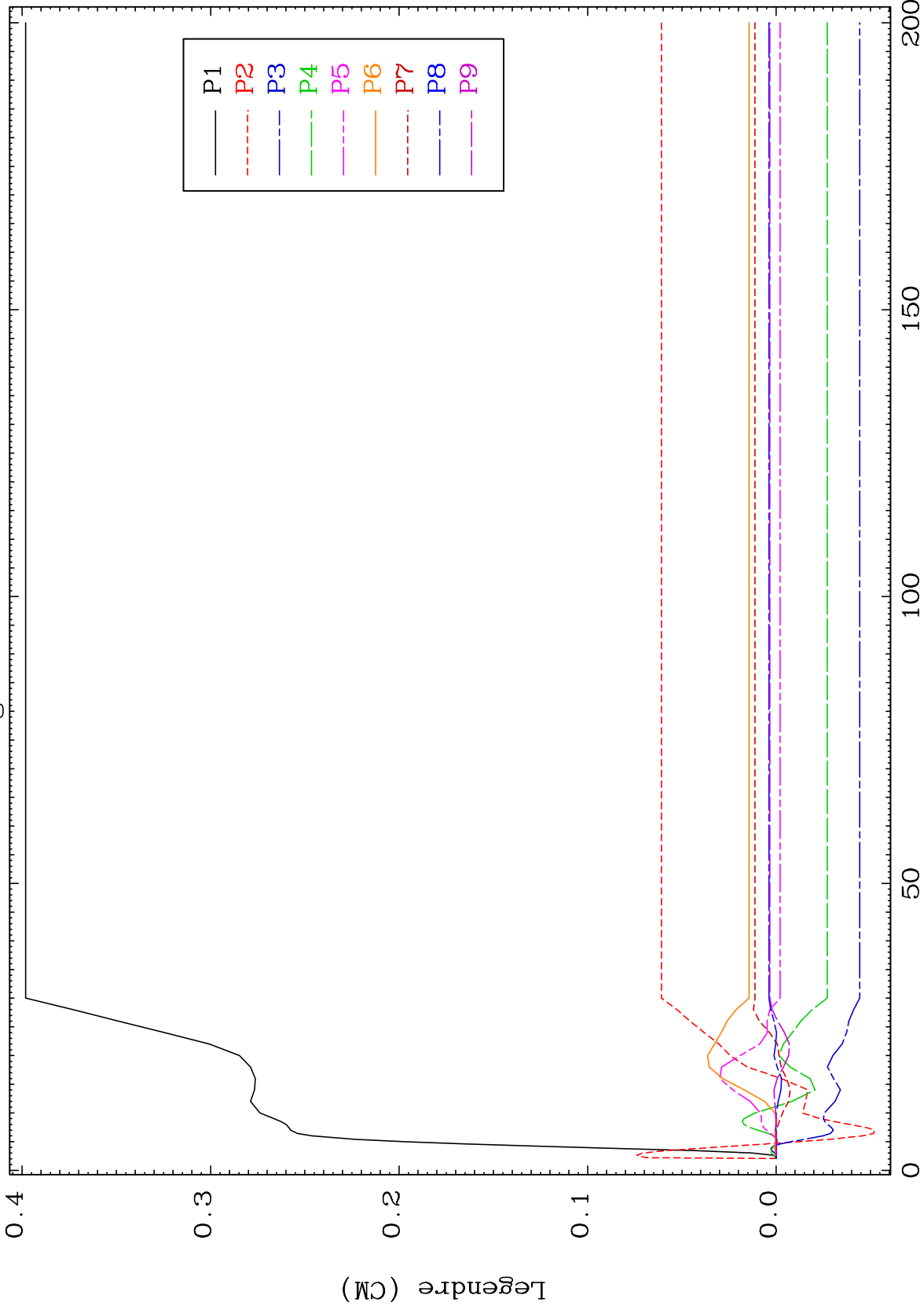
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



69

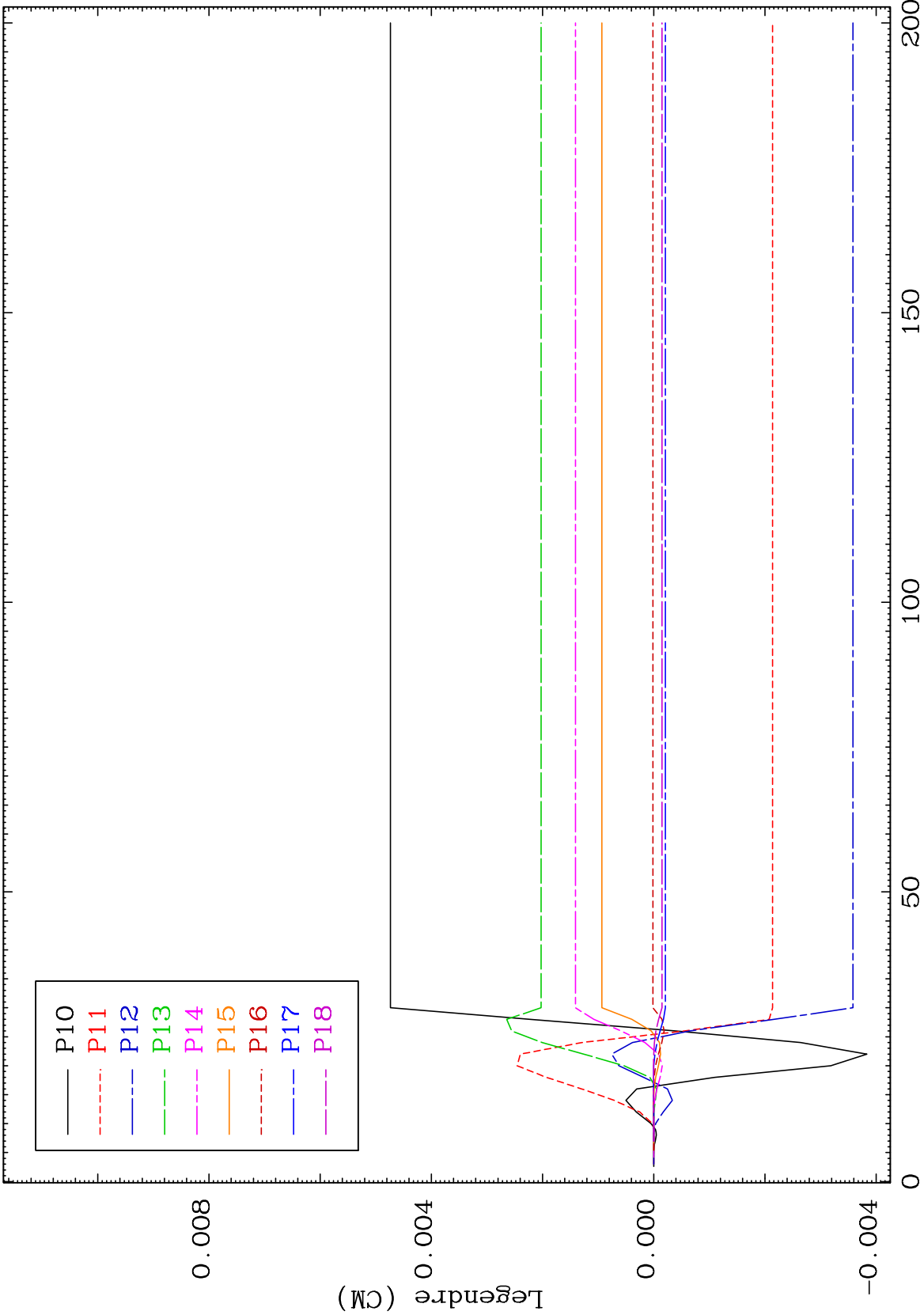
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



70

Incident Energy (MeV)

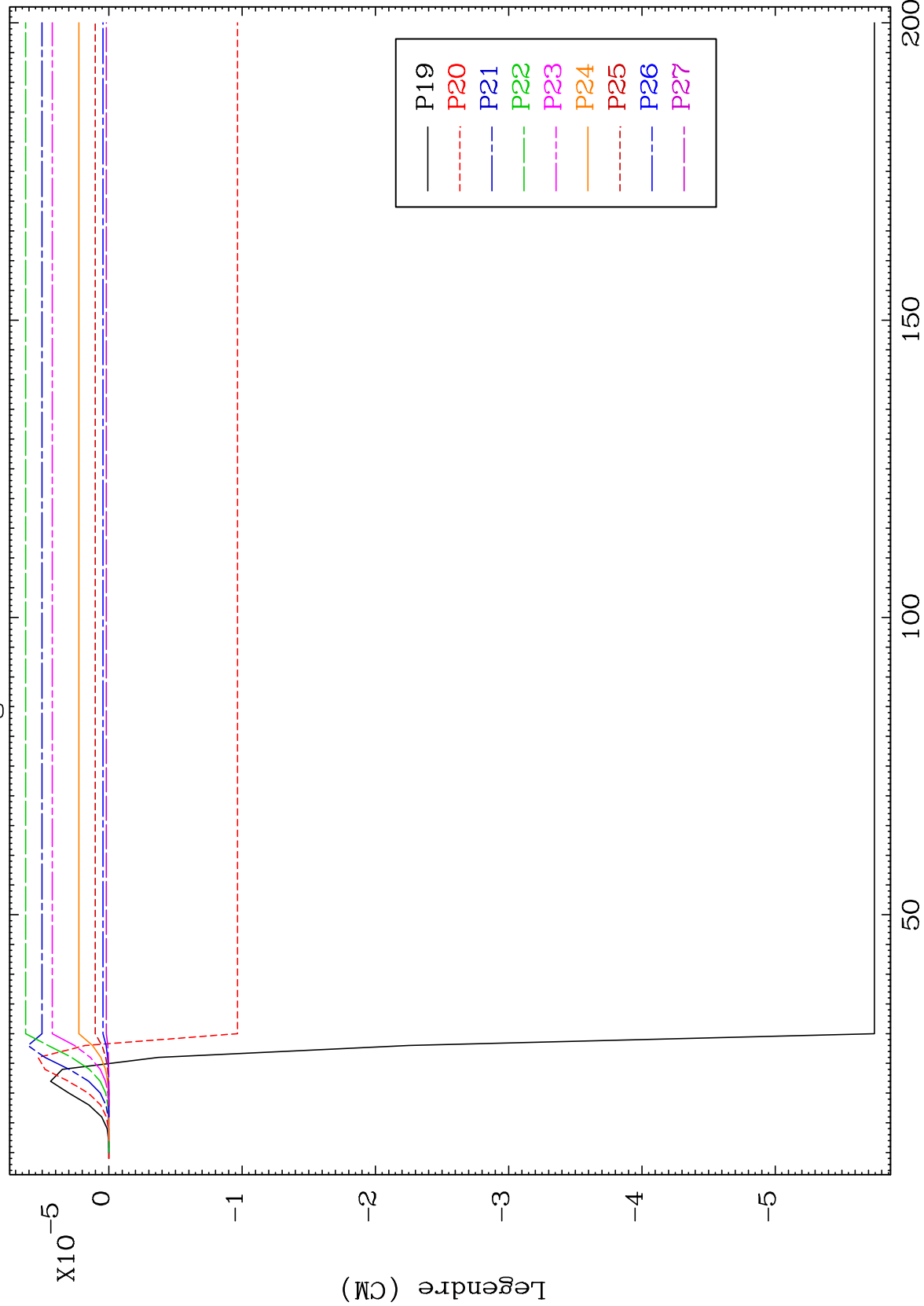
39-Y -96

MAT 3946

MT= 65 (n,n') Level

39-Y -96

Legendre Coefficients



71

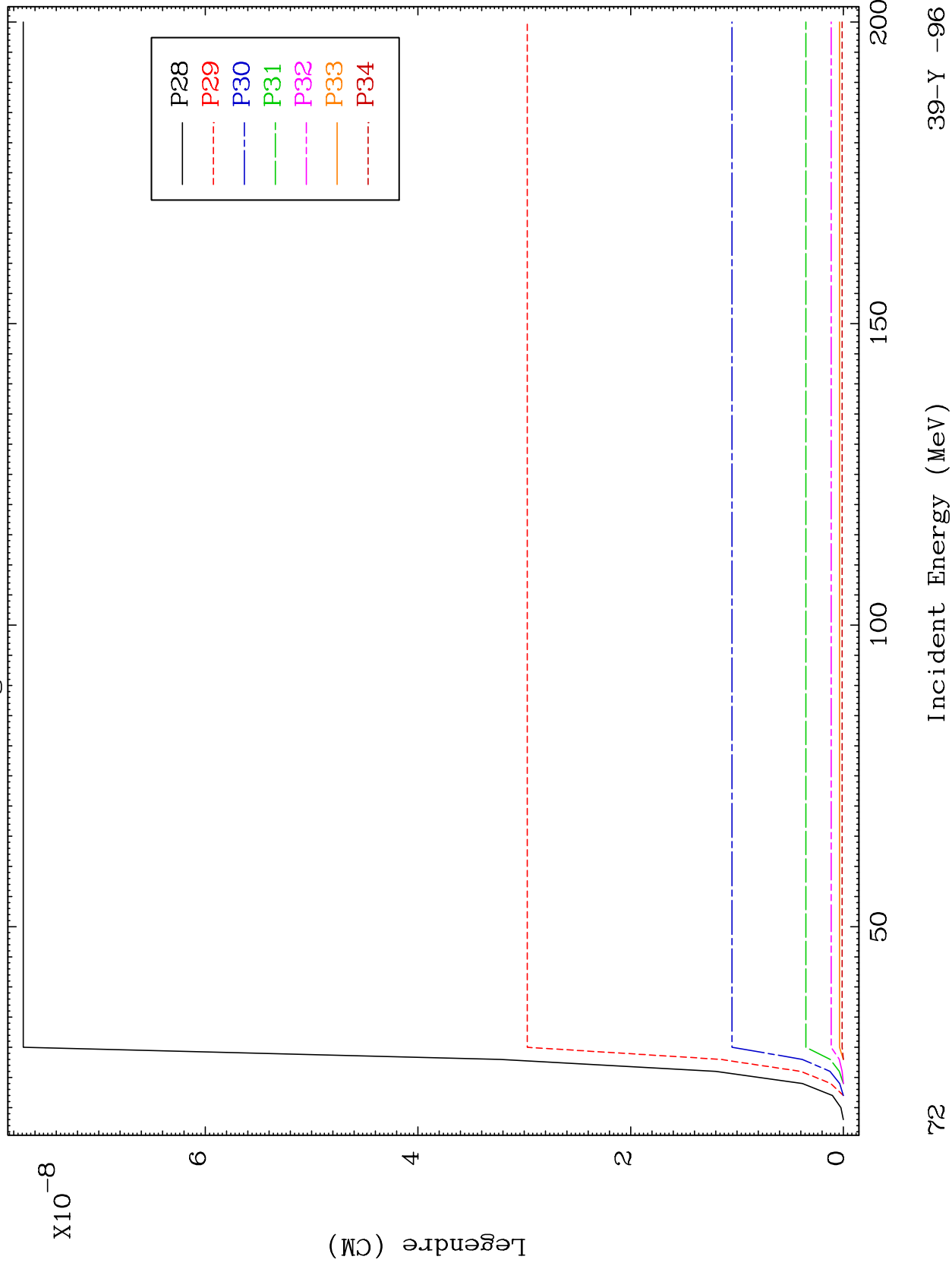
Incident Energy (MeV)

39-Y -96

MAT 3946

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

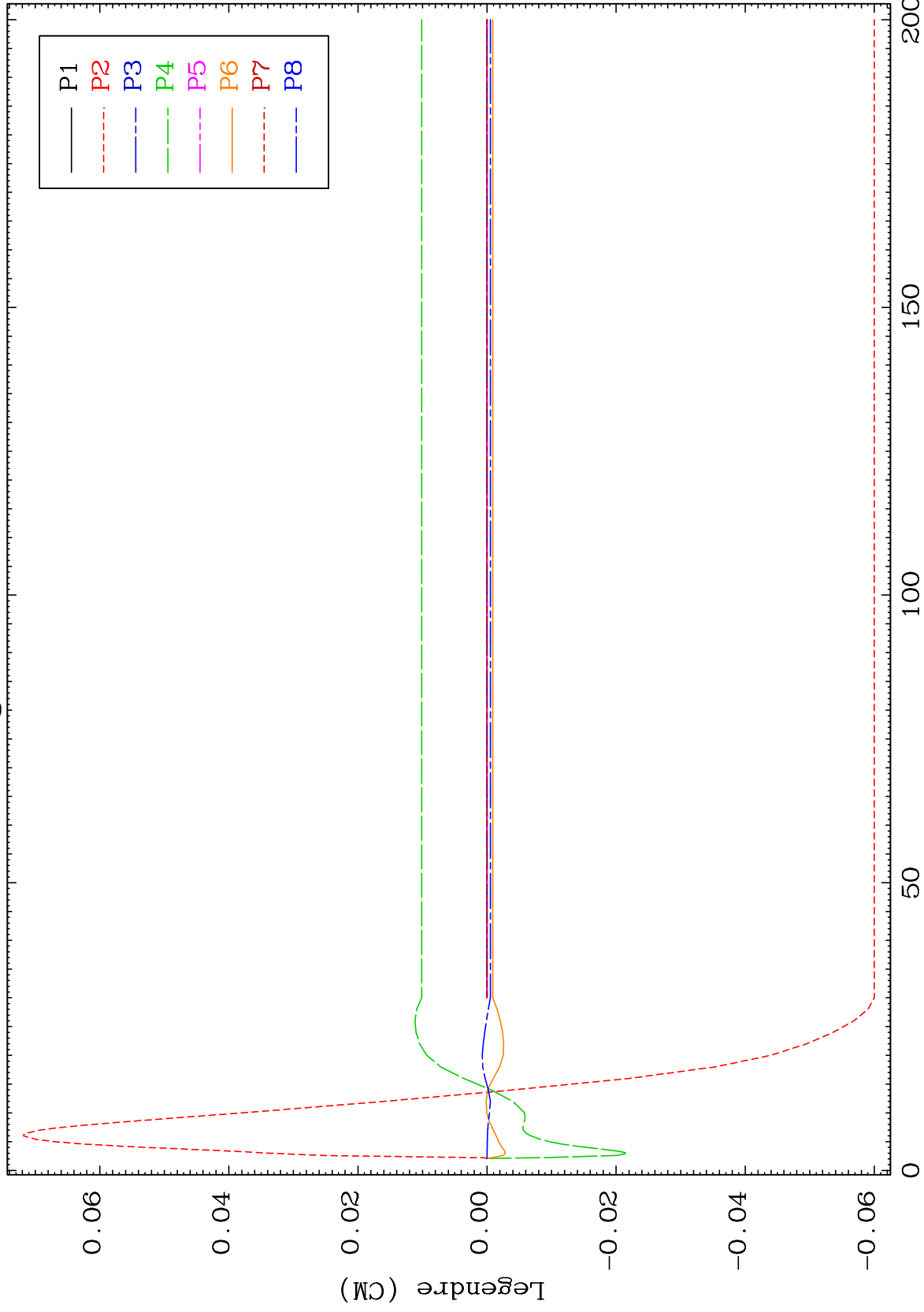
39-Y -96



MAT 3946

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

39-Y -96



73

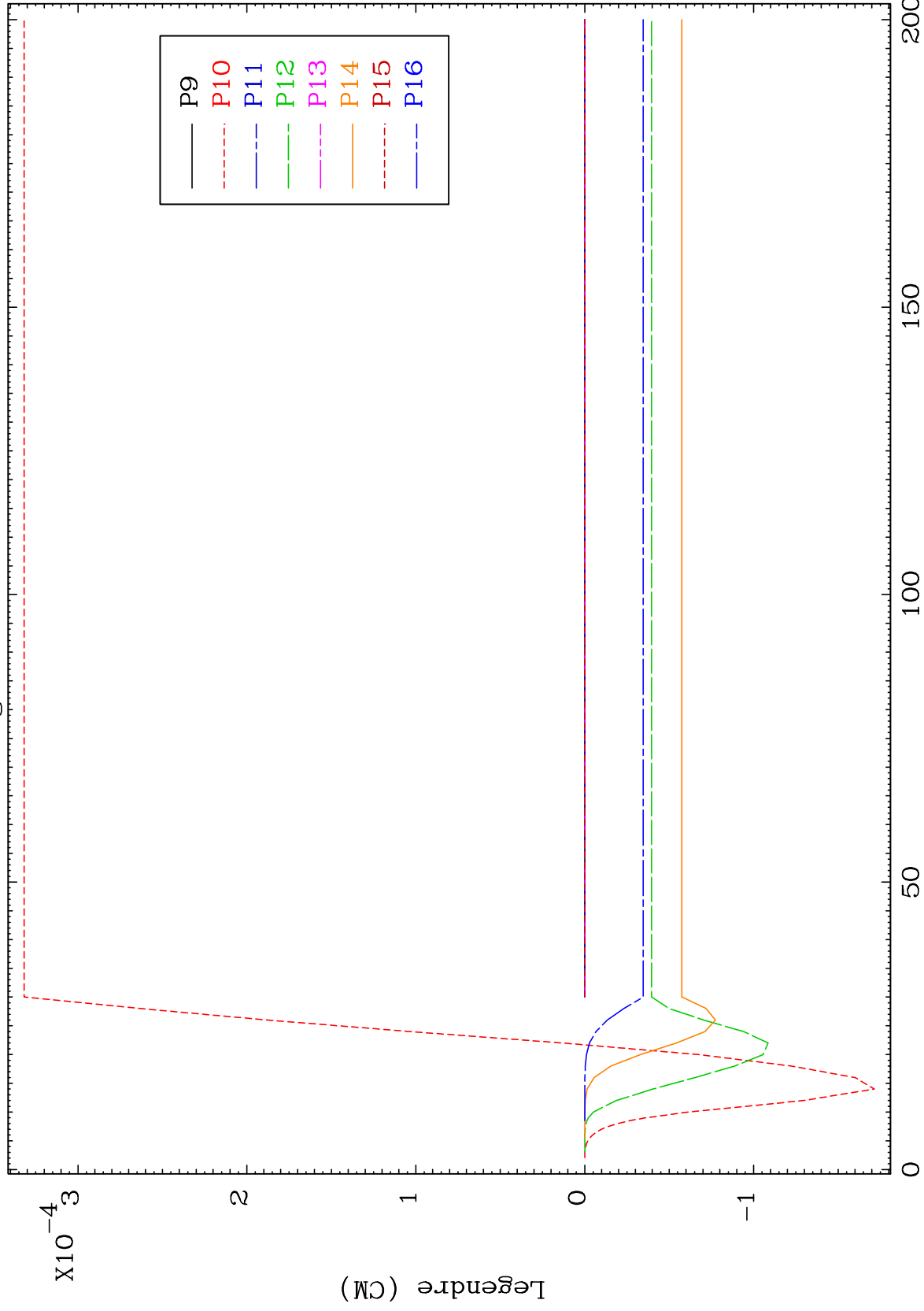
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



74

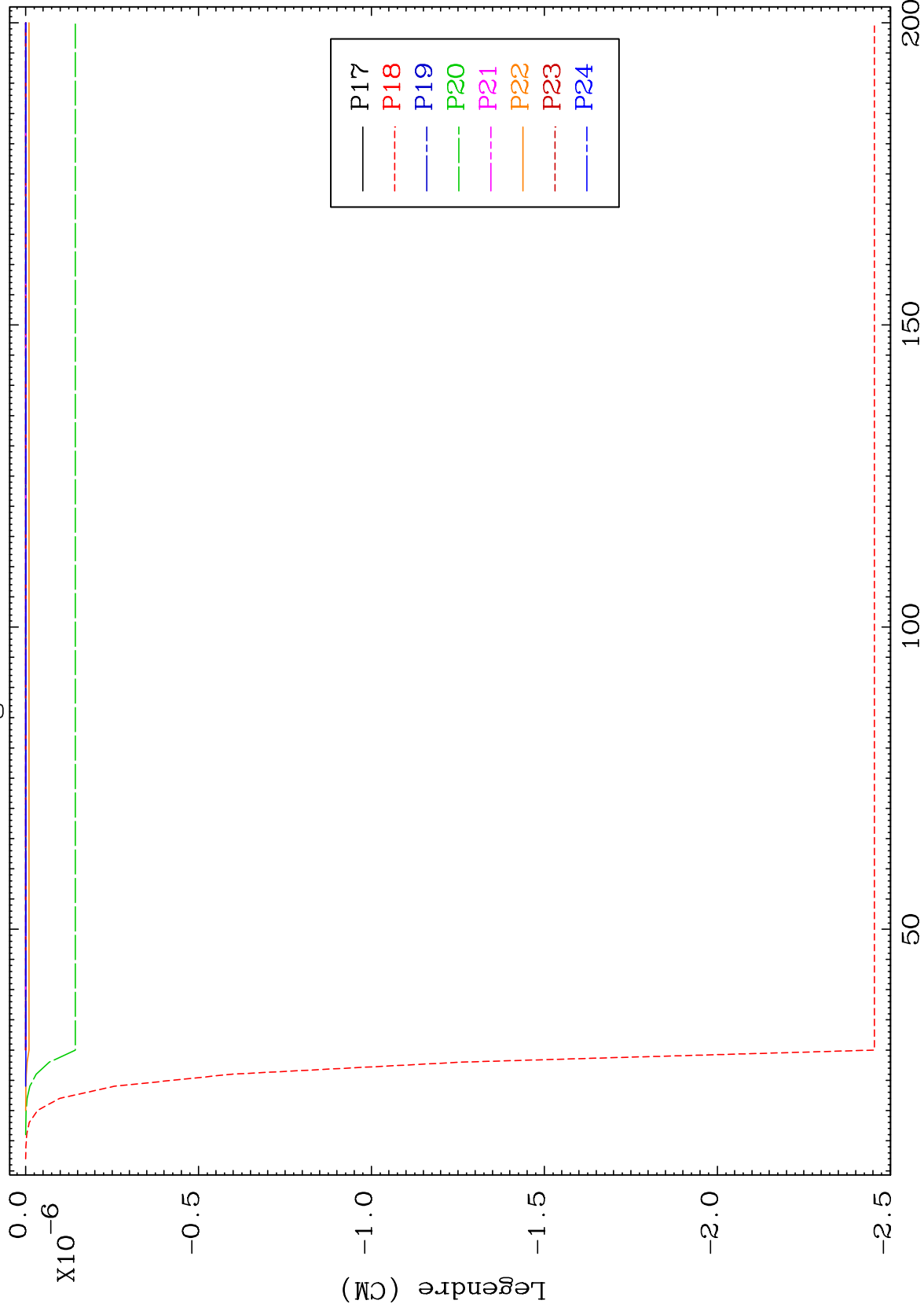
Incident Energy (MeV)

39-Y -96

MAT 3946

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

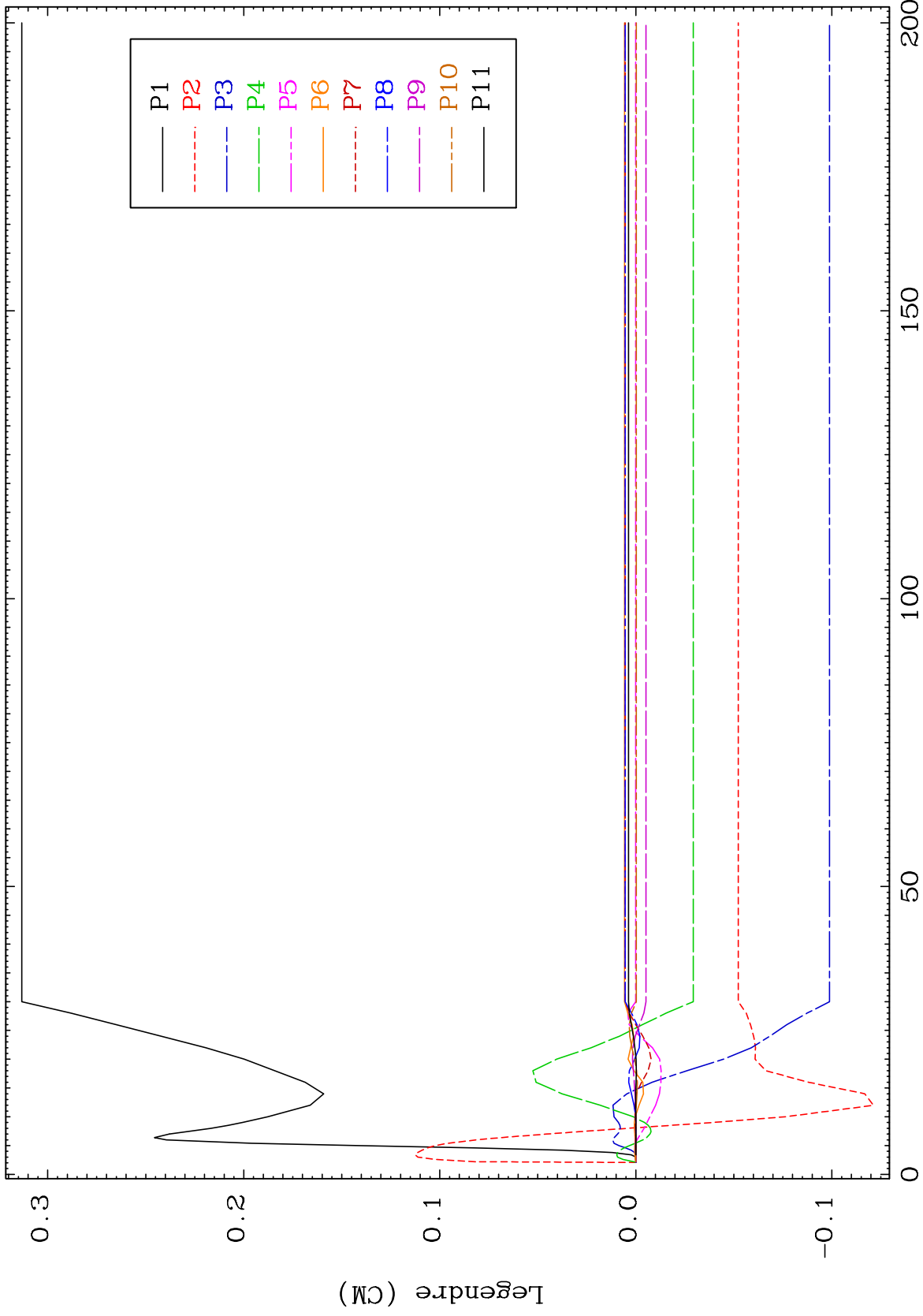
39-Y -96

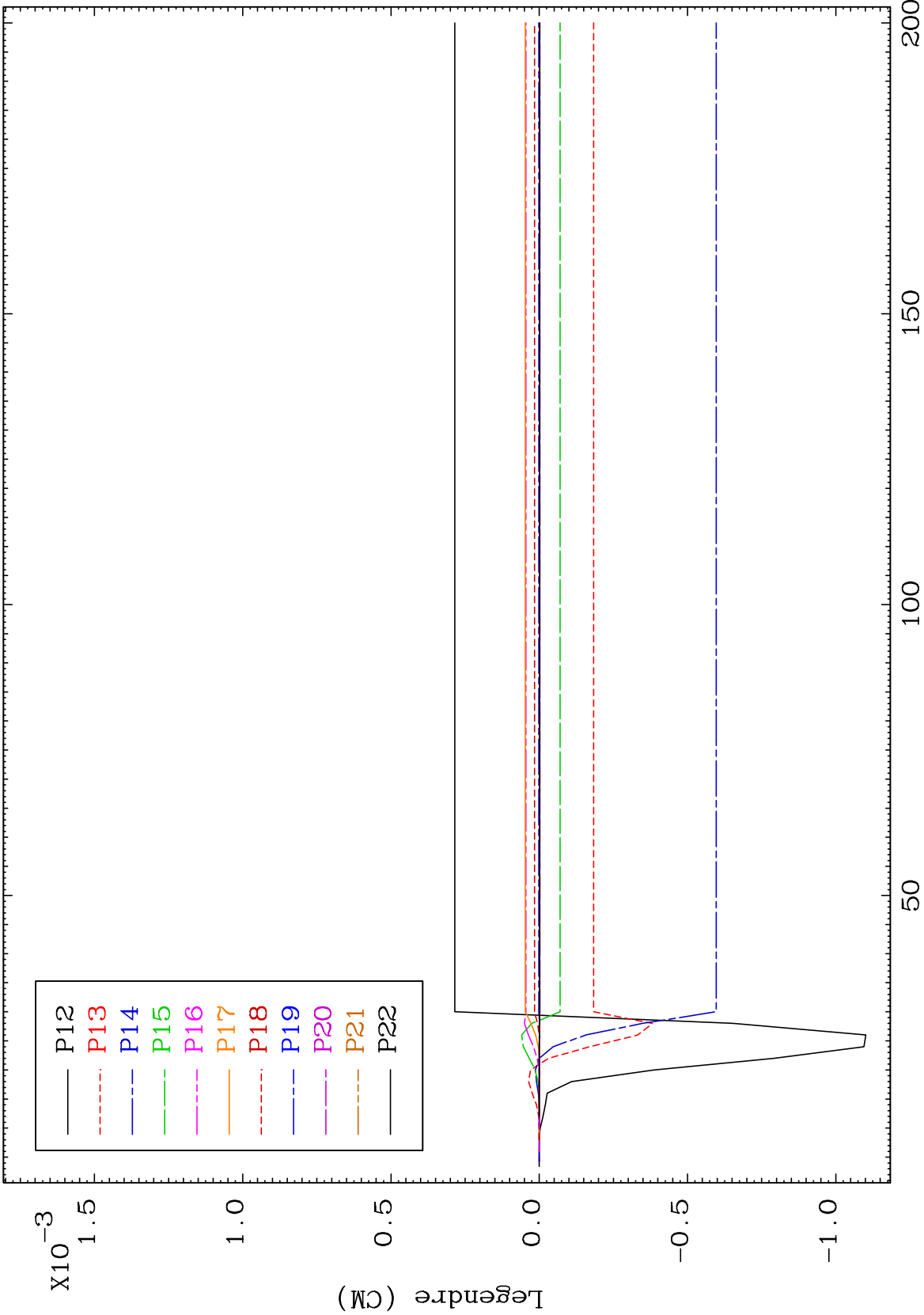


39-Y -96

Incident Energy (MeV)

75

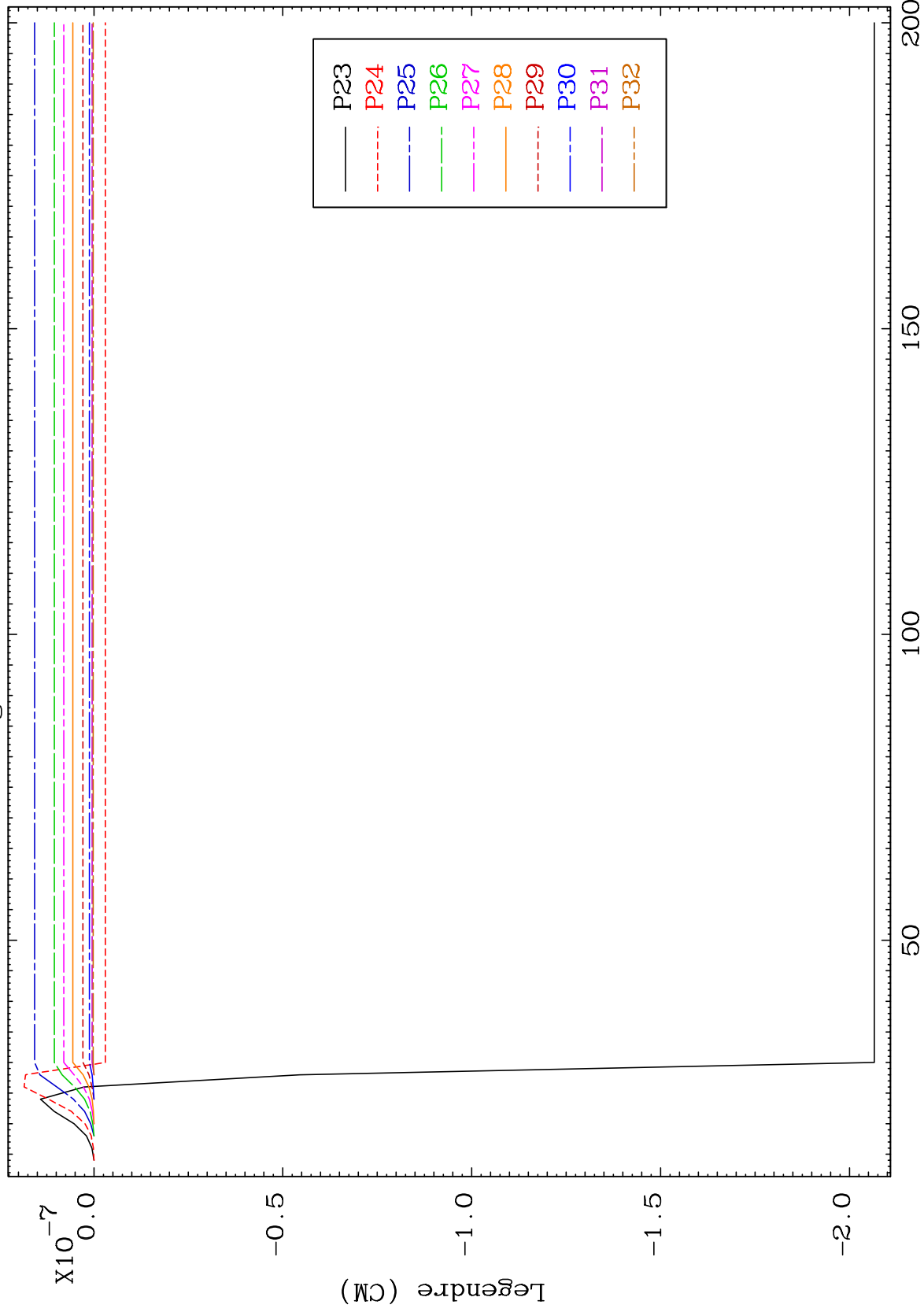




MAT 3946

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

39-Y -96



78

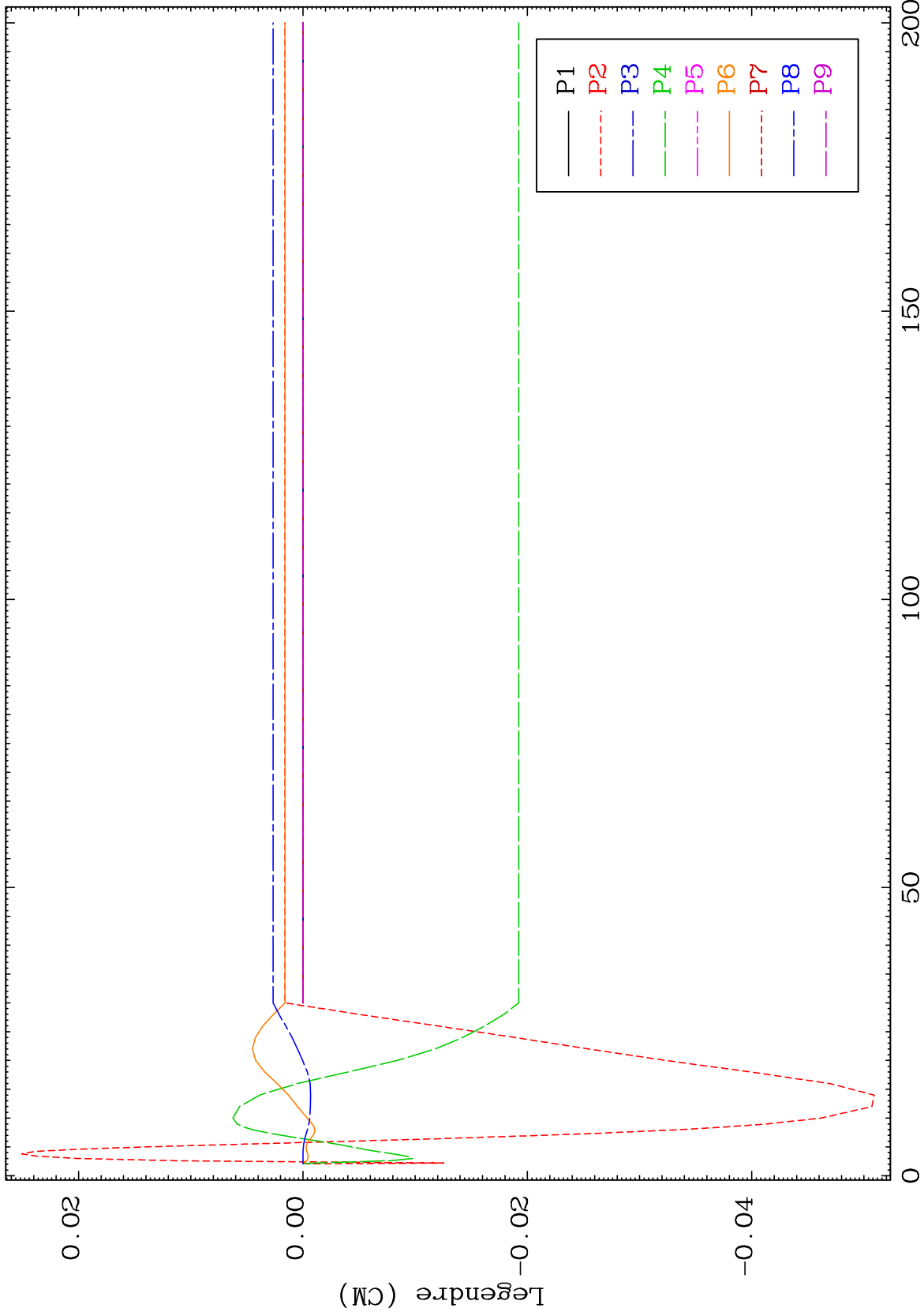
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



79

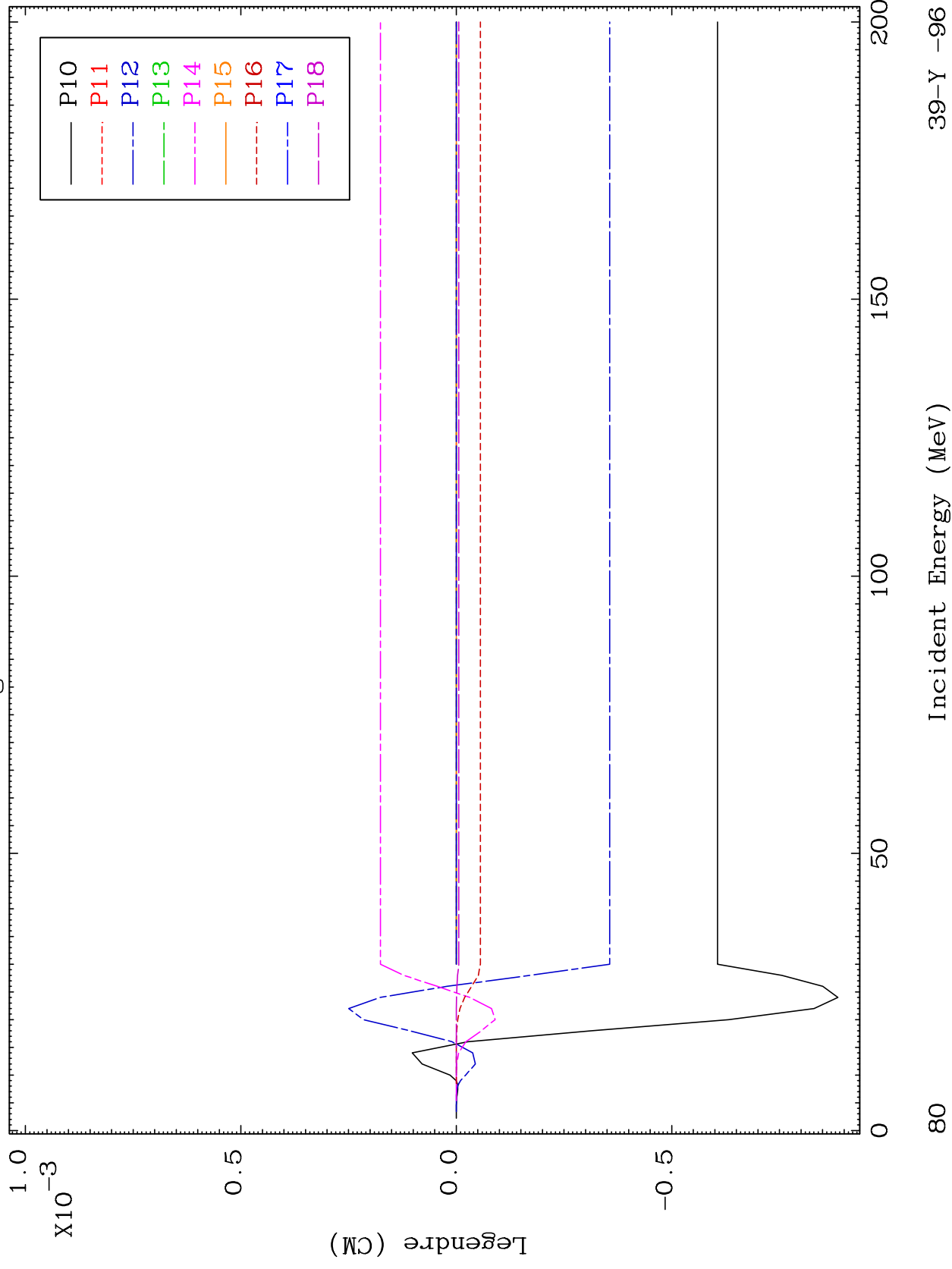
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



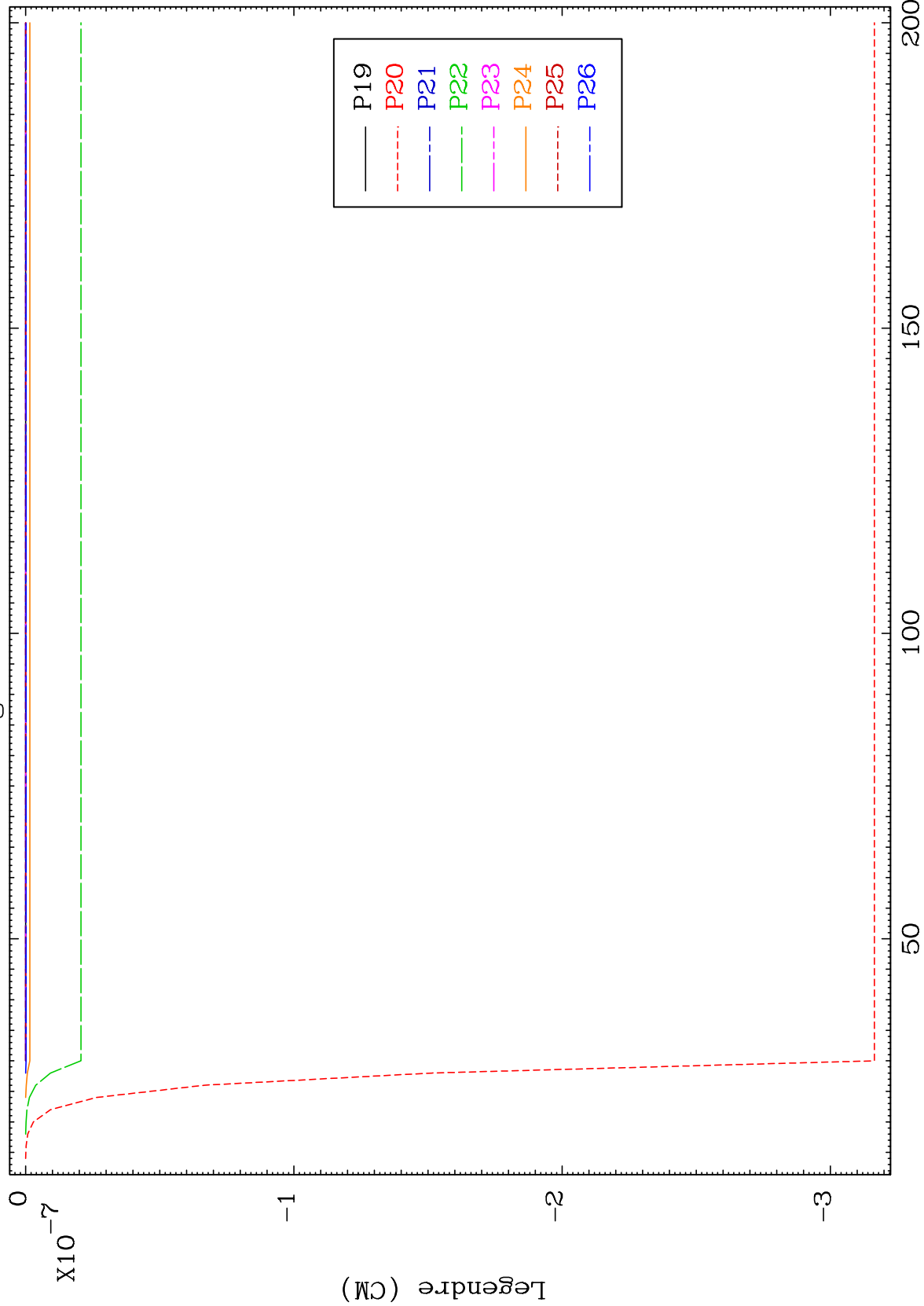
39-Y -96

Incident Energy (MeV)

80

MAT 3946 MT= 68 (n,n') Level 39-Y -96

Legendre Coefficients

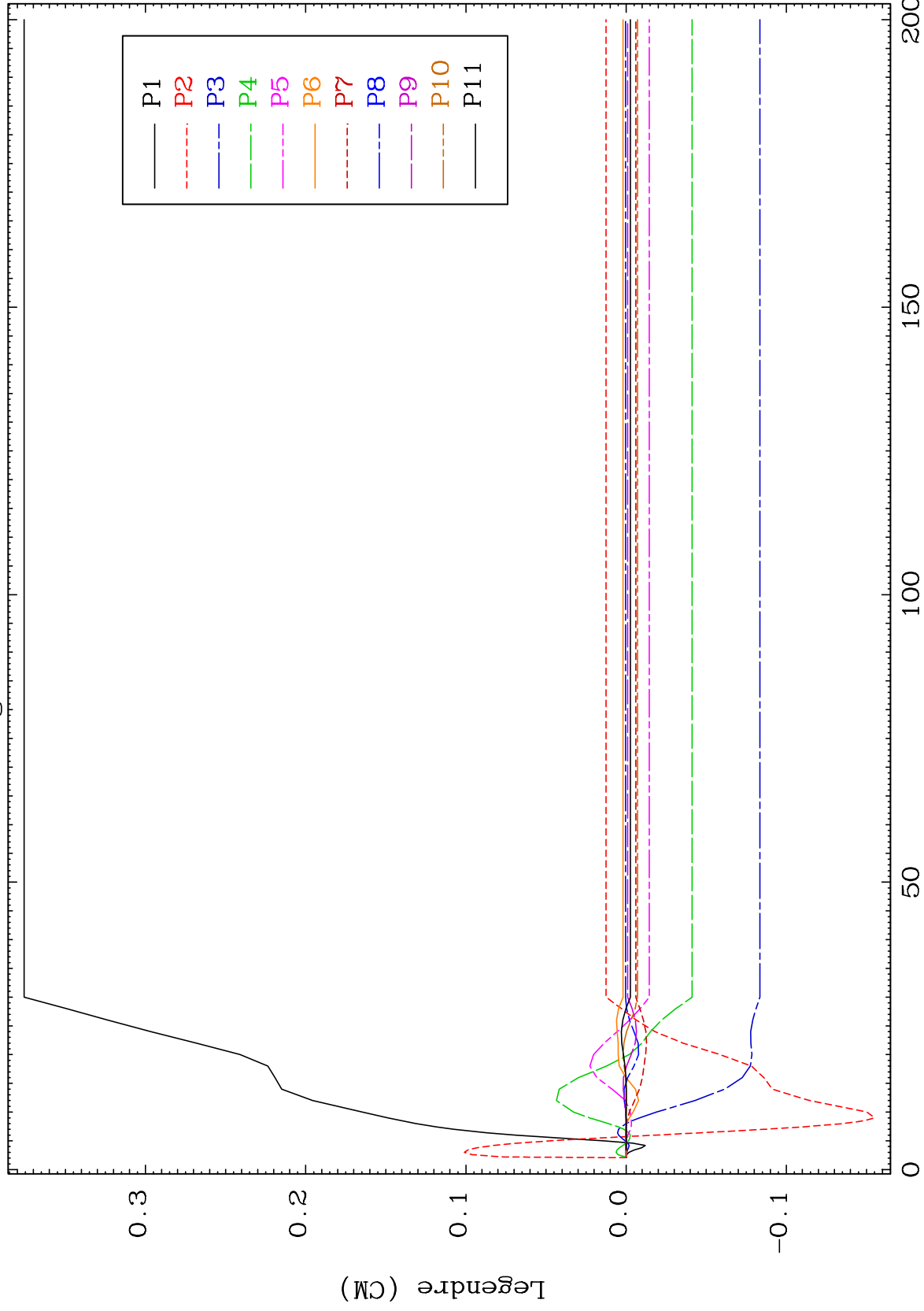


81 Incident Energy (MeV) 39-Y -96

MAT 3946

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

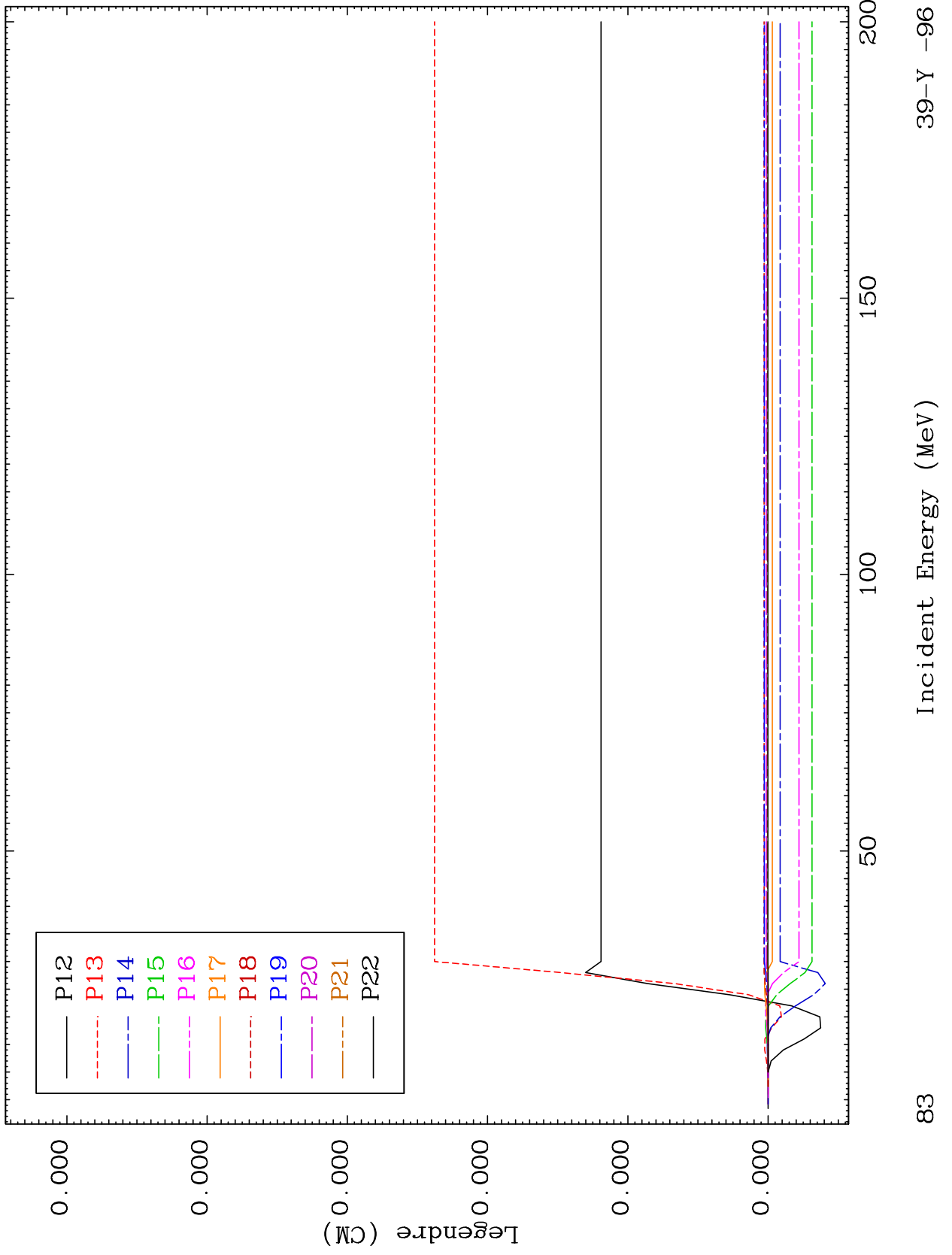
39-Y -96



82

Incident Energy (MeV)

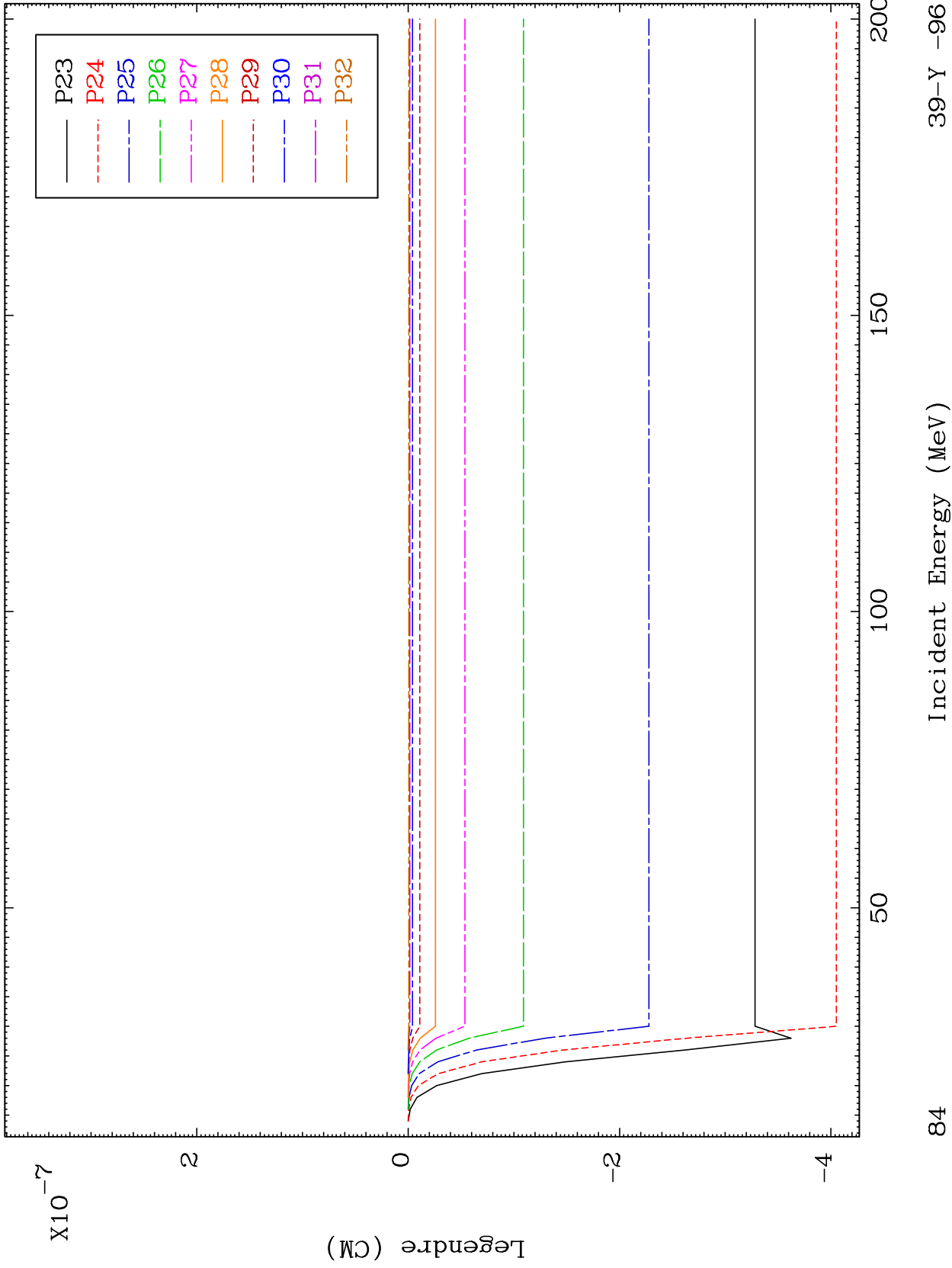
39-Y -96



MAT 3946

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

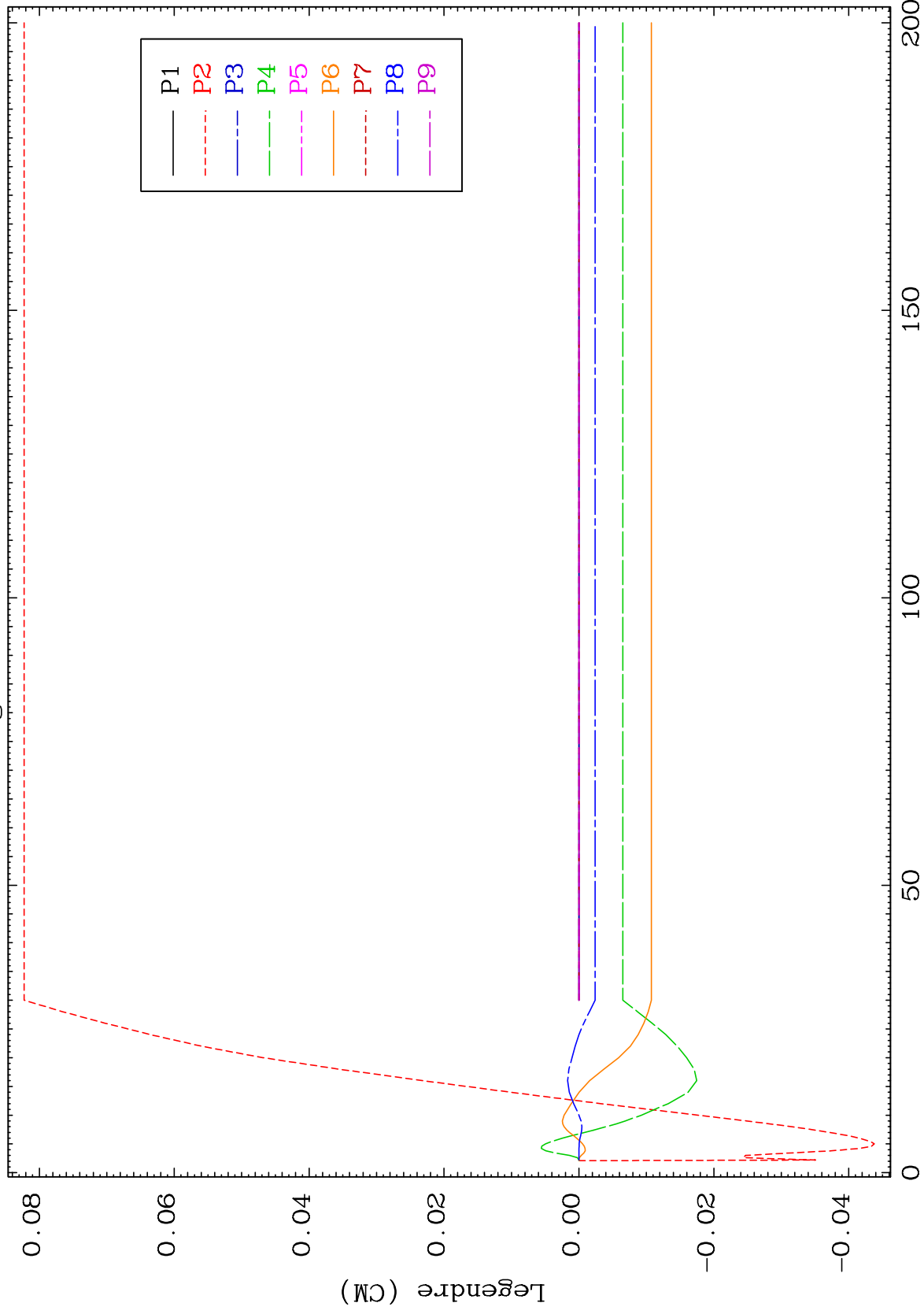
39-Y -96



MAT 3946

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

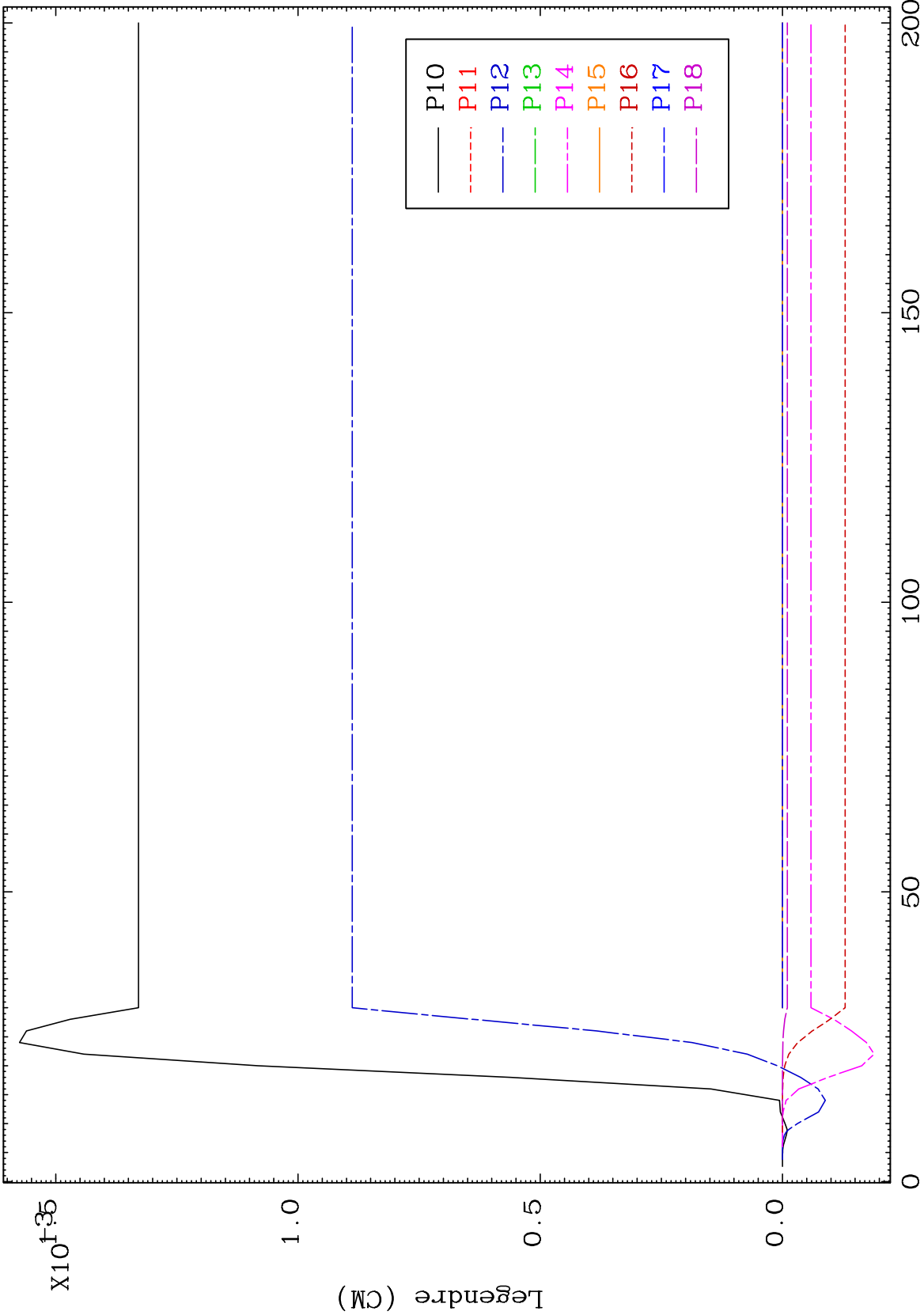
39-Y -96



85

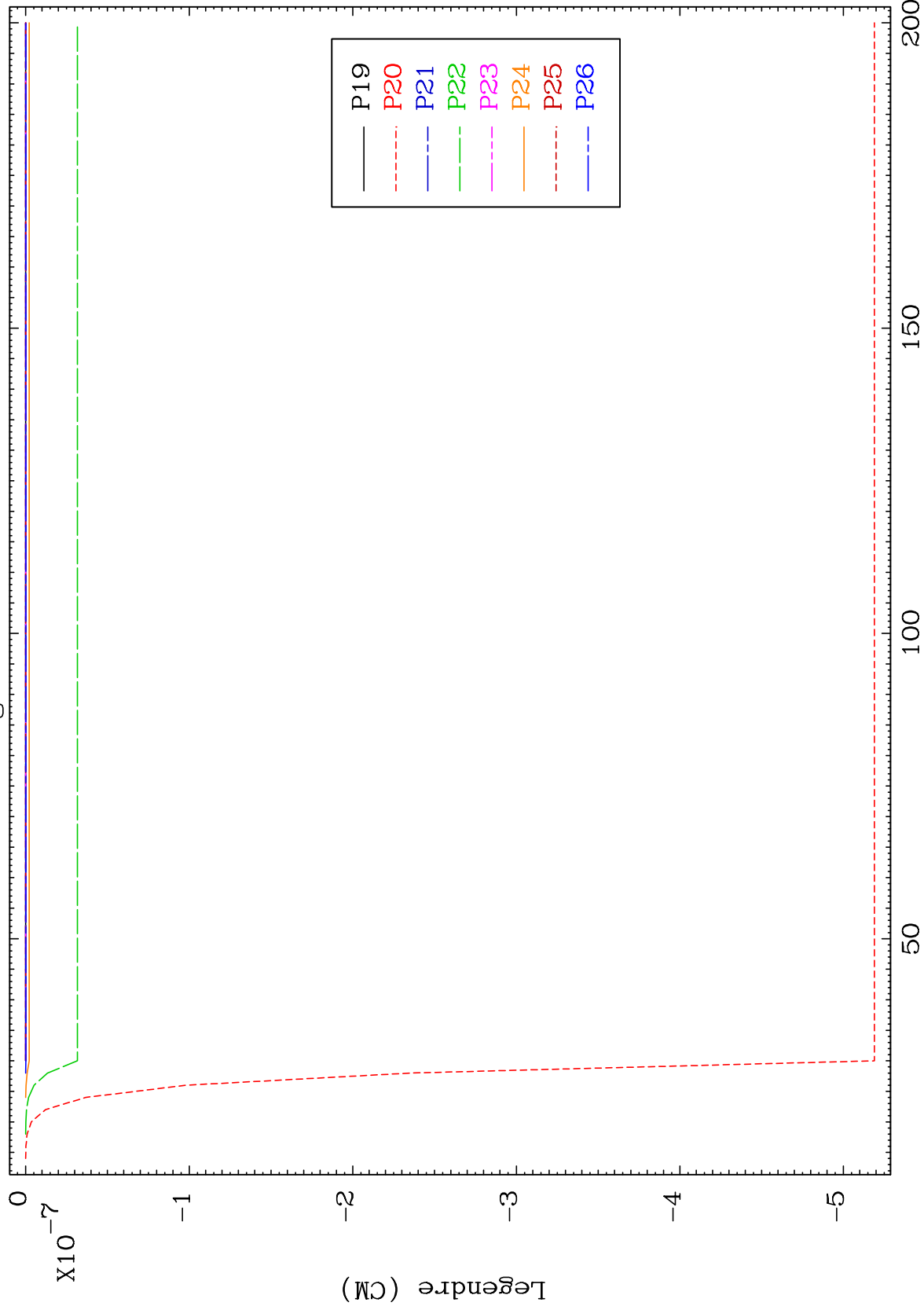
Incident Energy (MeV)

39-Y -96

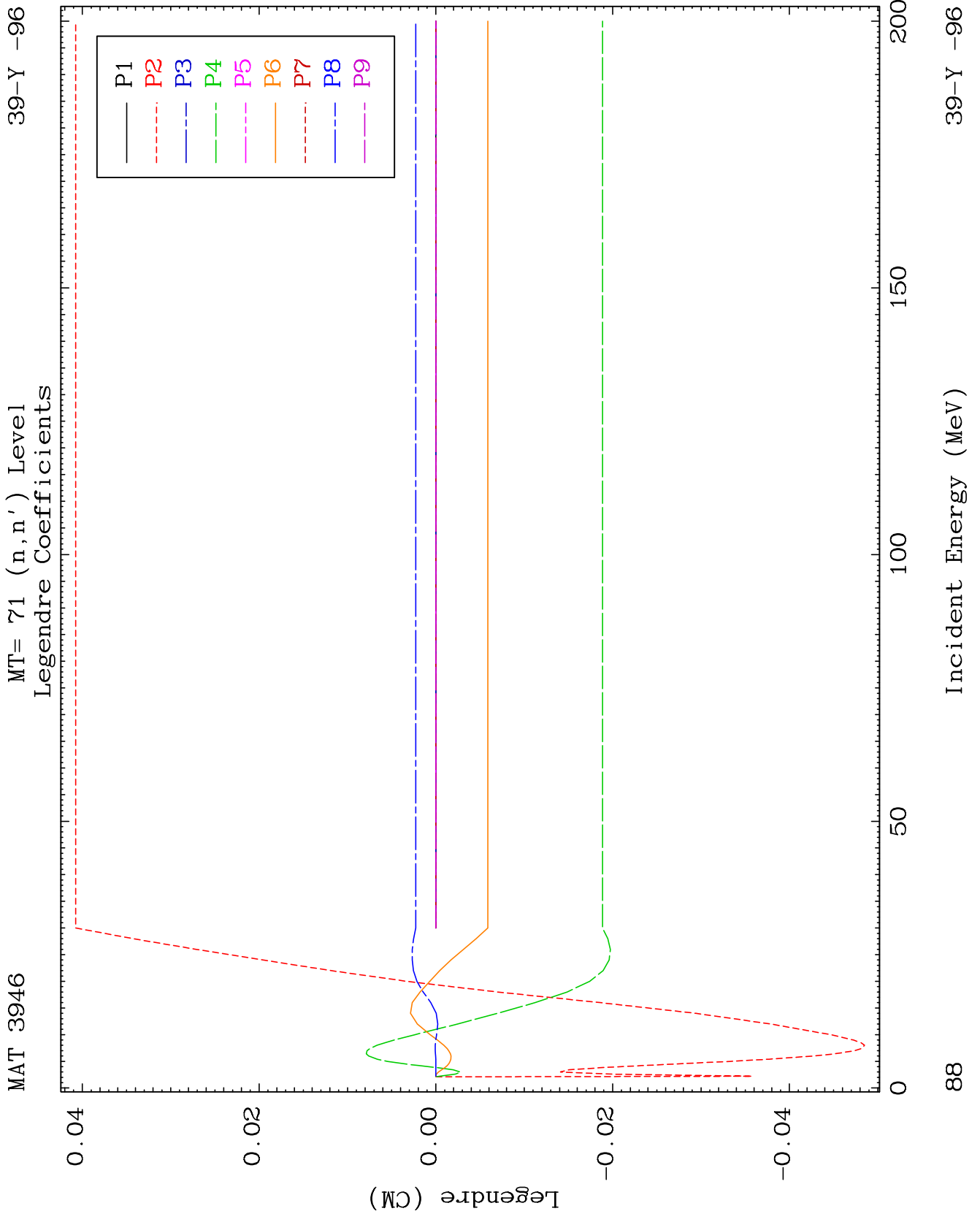


MAT 3946 MT= 70 (n,n') Level 39-Y -96

Legendre Coefficients



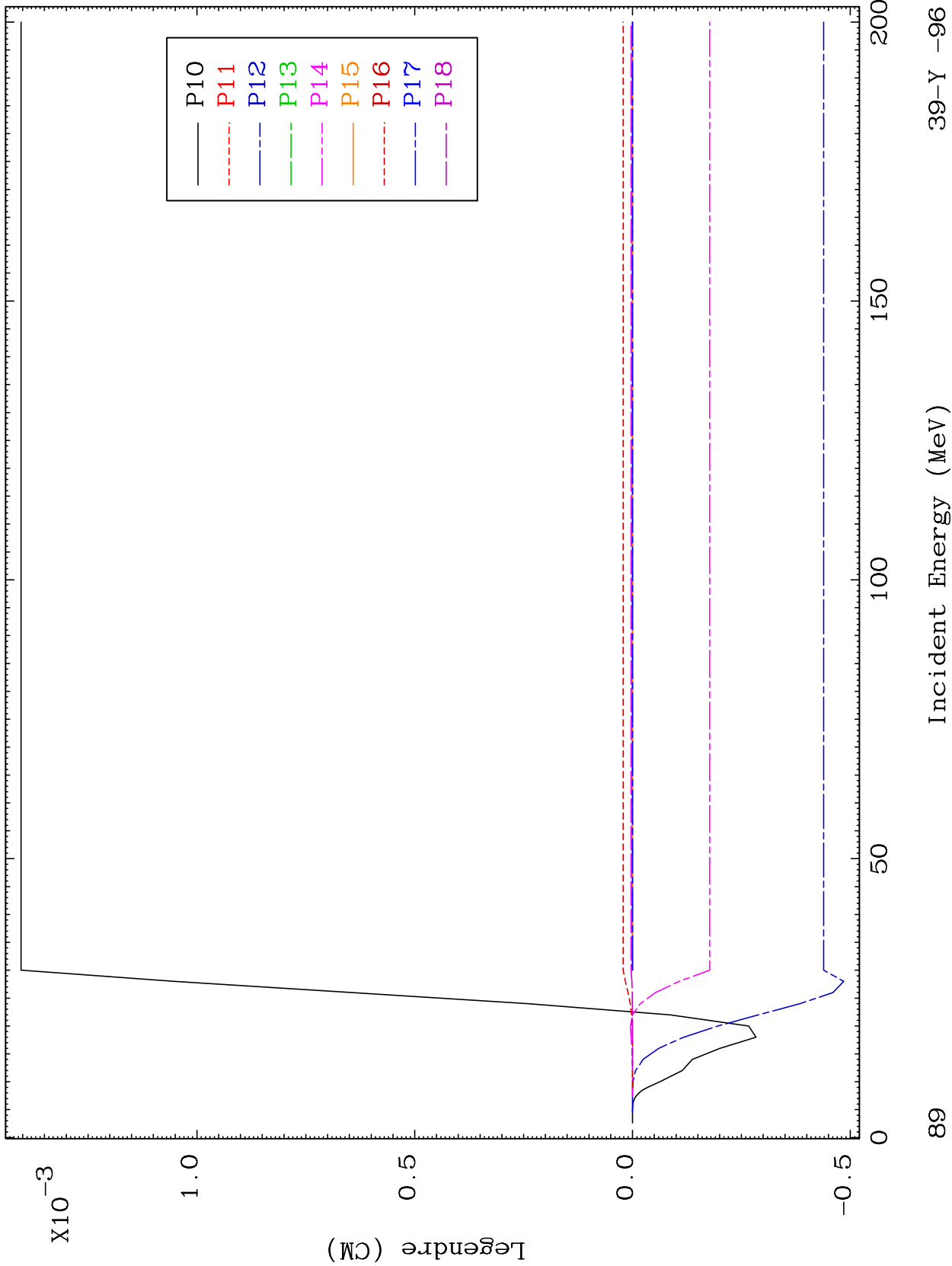
87 39-Y -96



MAT 3946

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

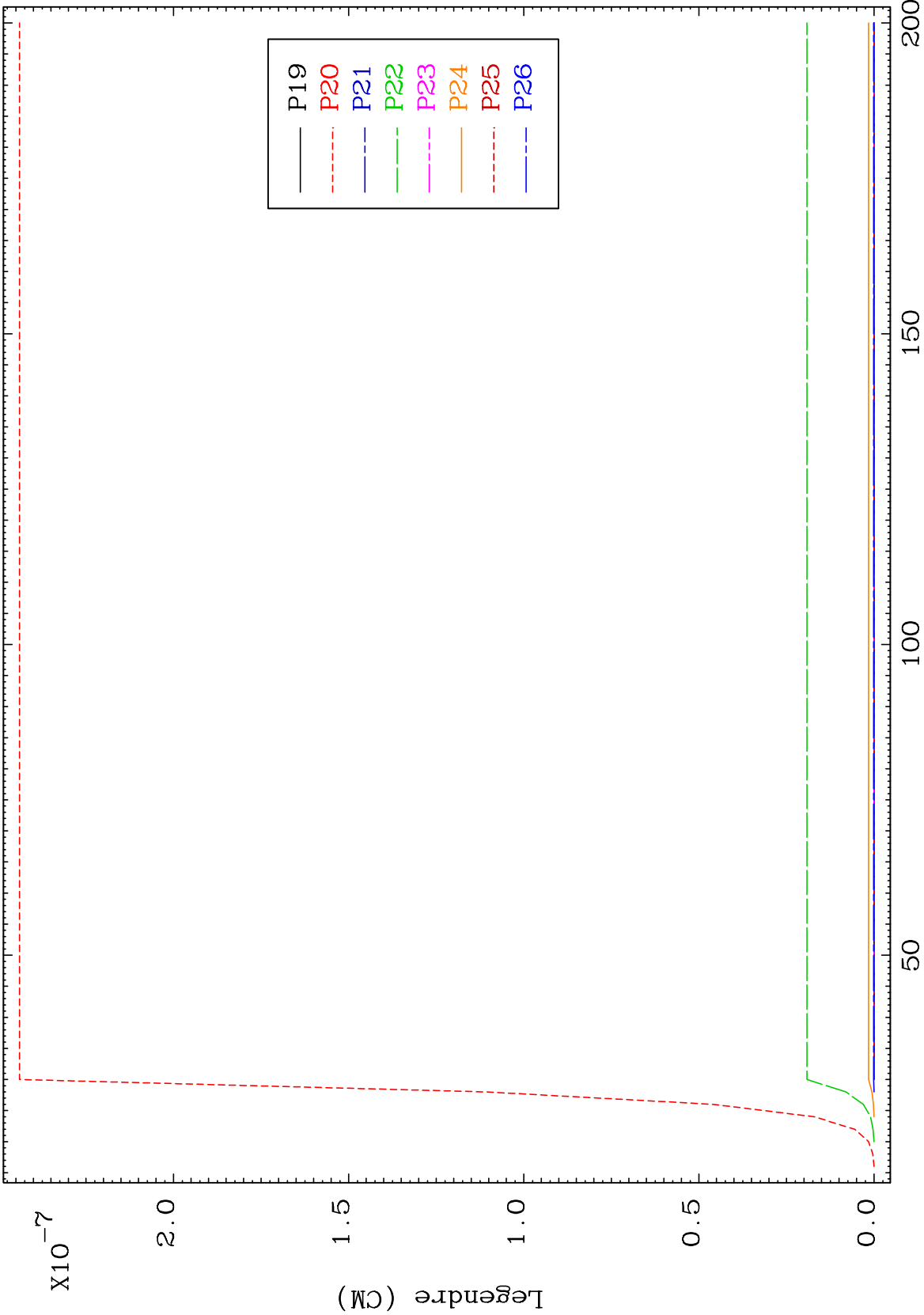
39-Y -96



MAT 3946

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

39-Y -96



90

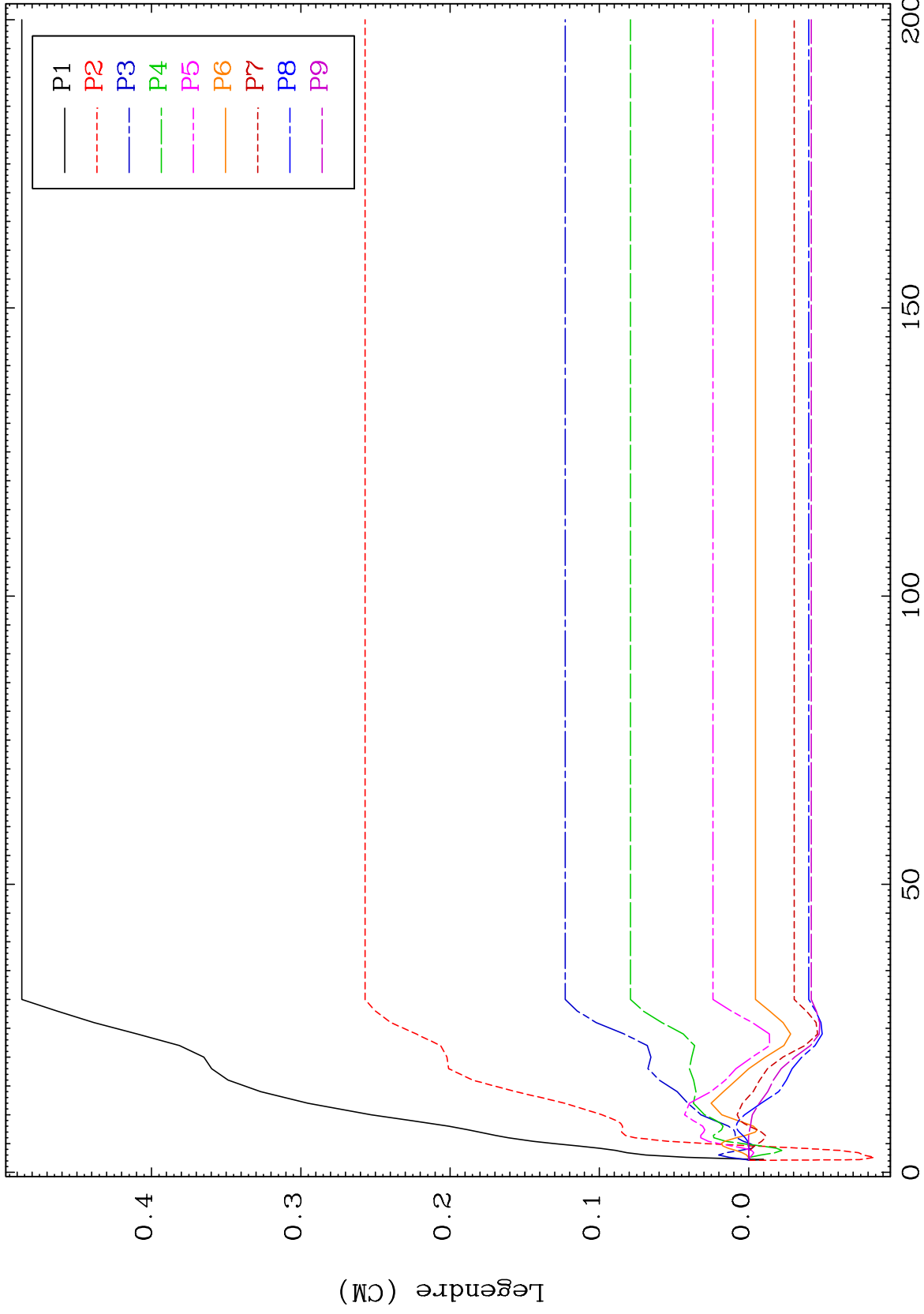
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



91

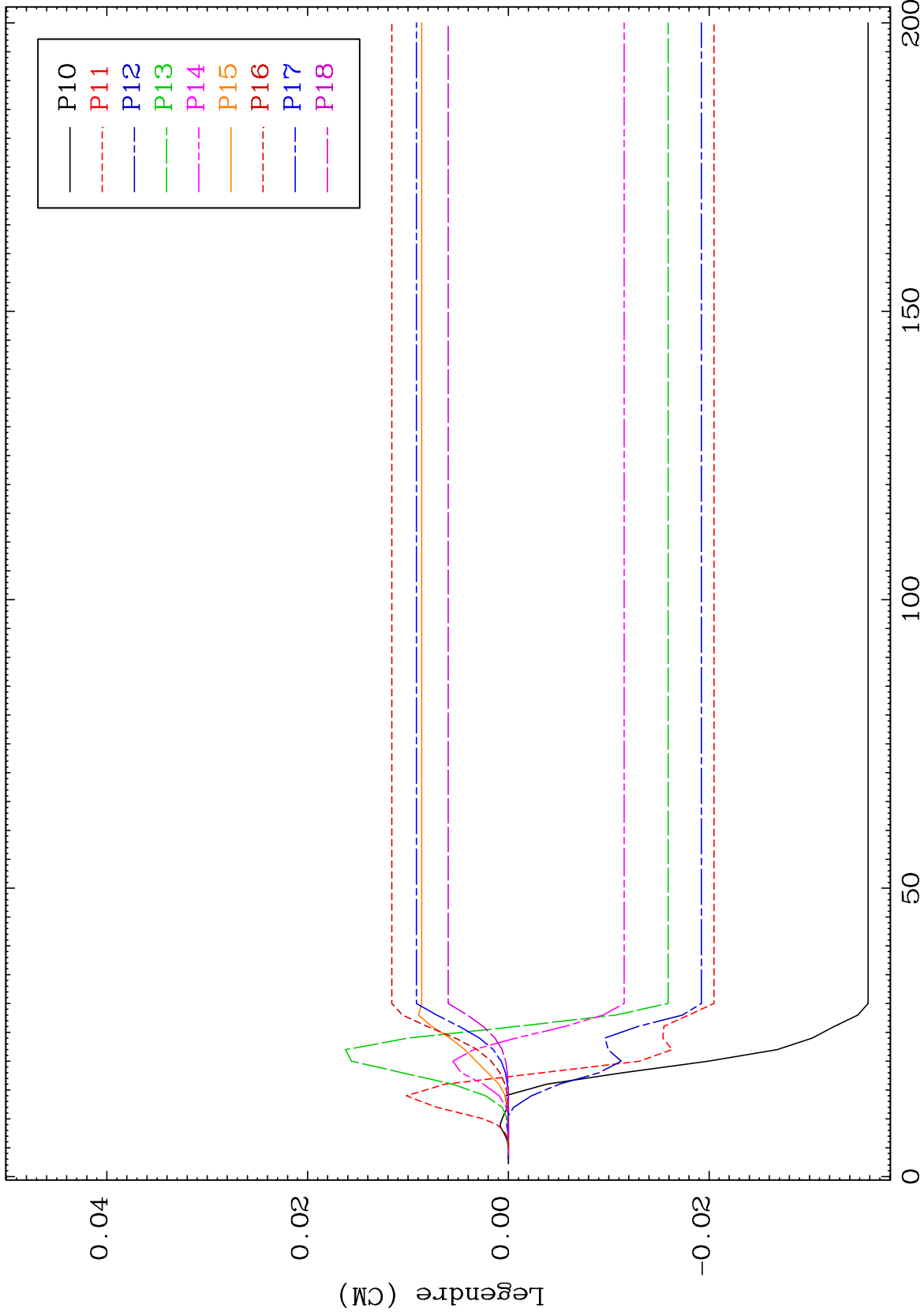
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



92

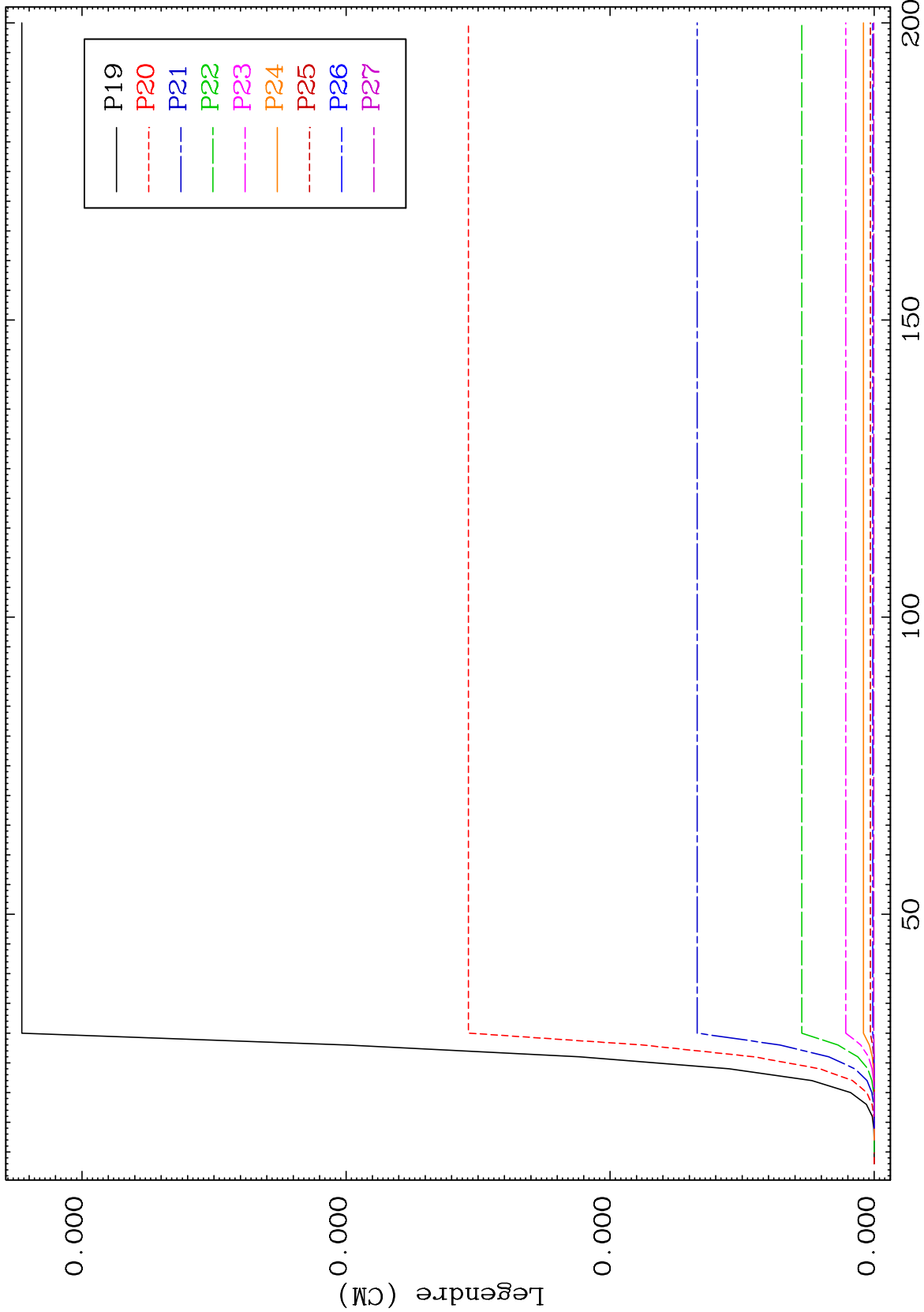
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



93

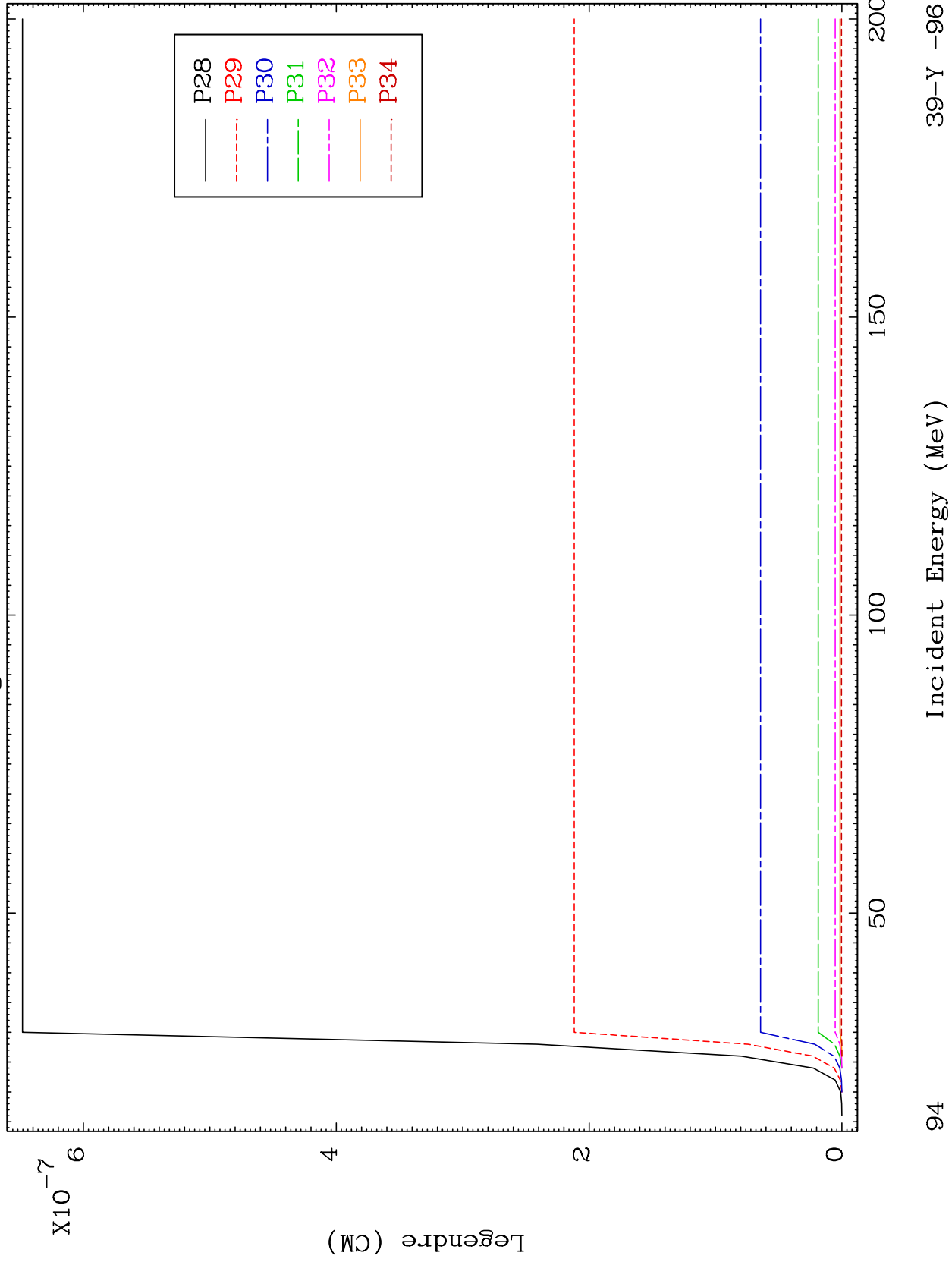
Incident Energy (MeV)

39-Y -96

MAT 3946

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

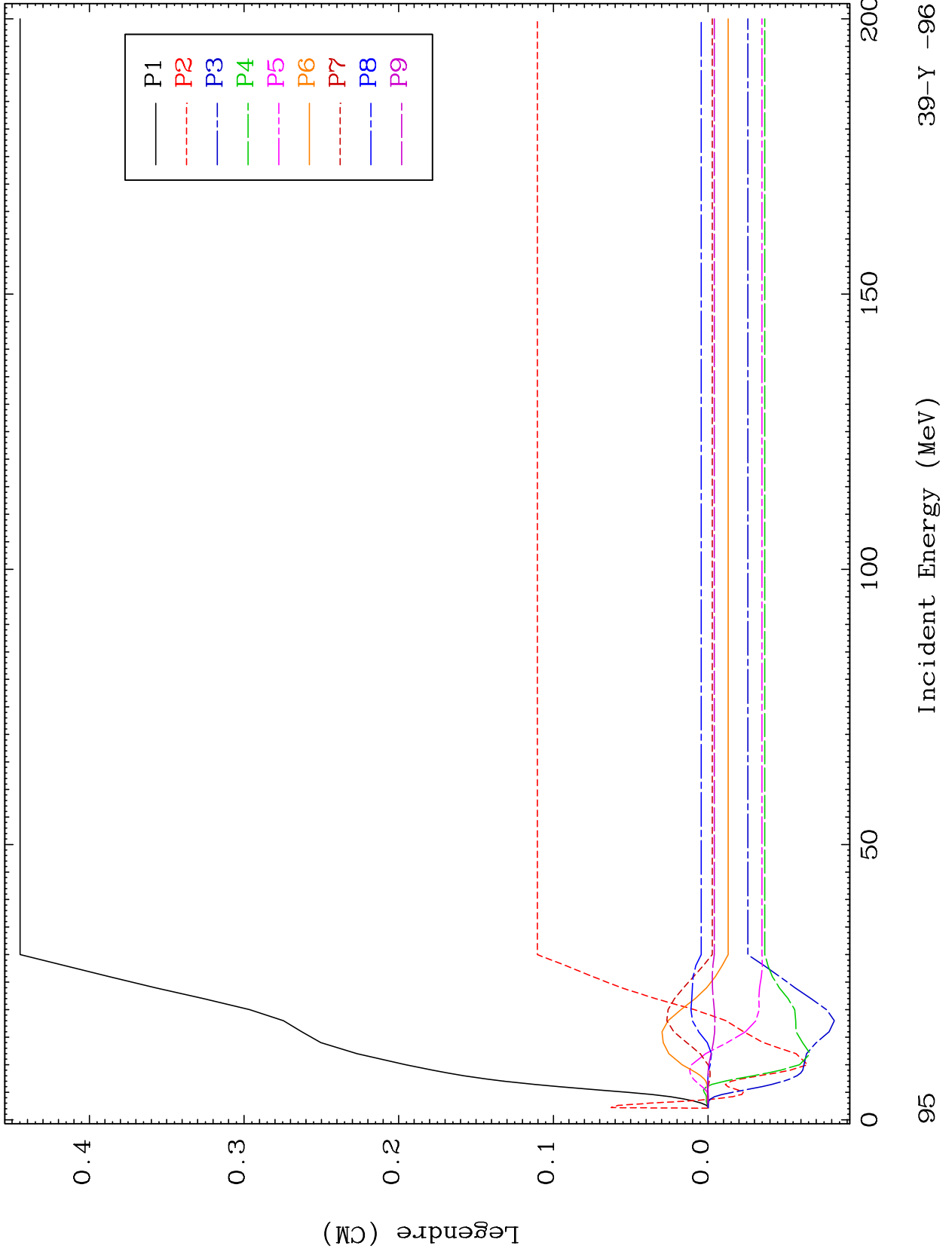
39-Y -96



MAT 3946

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

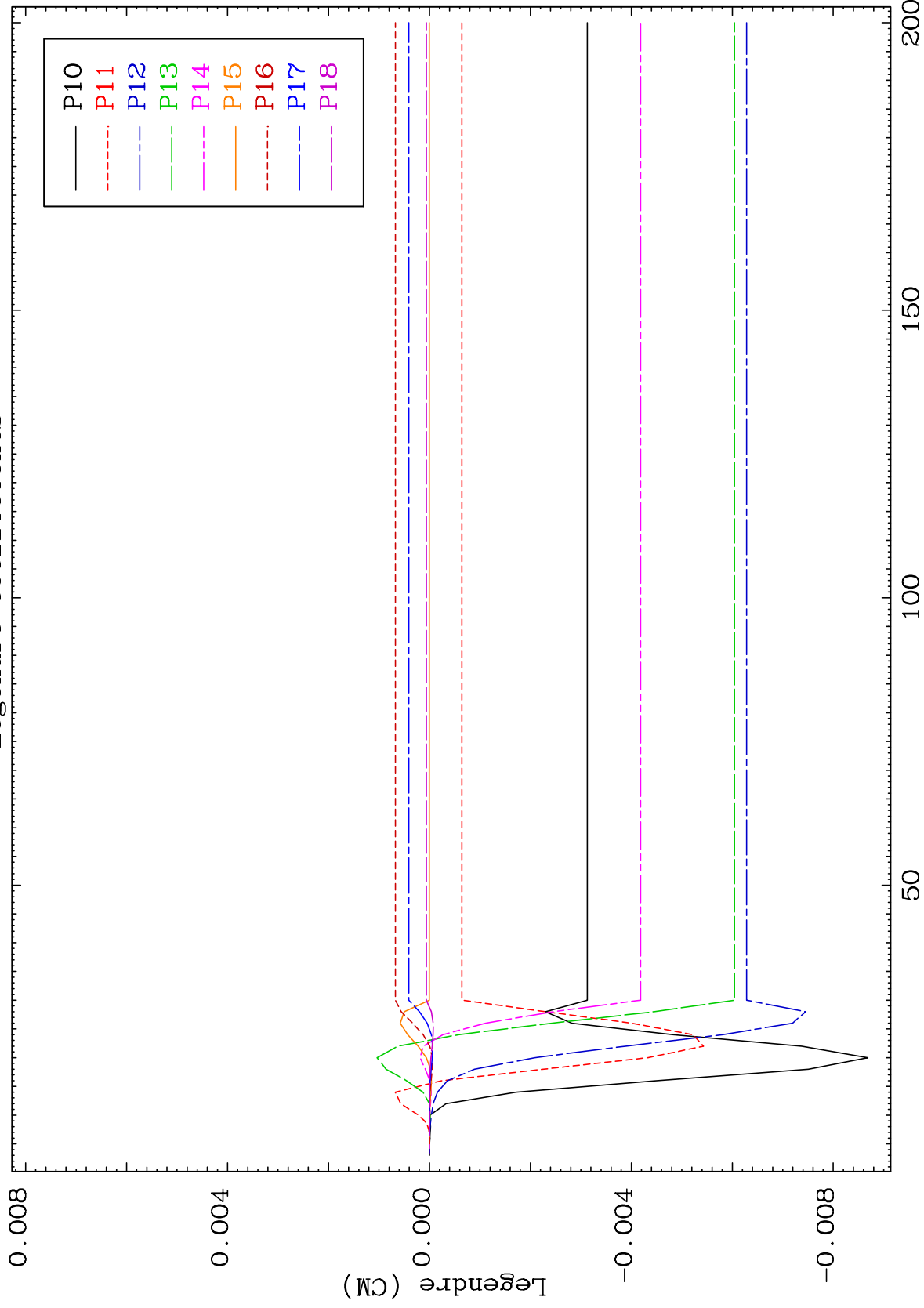
39-Y -96



MAT 3946

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

39-Y -96



96

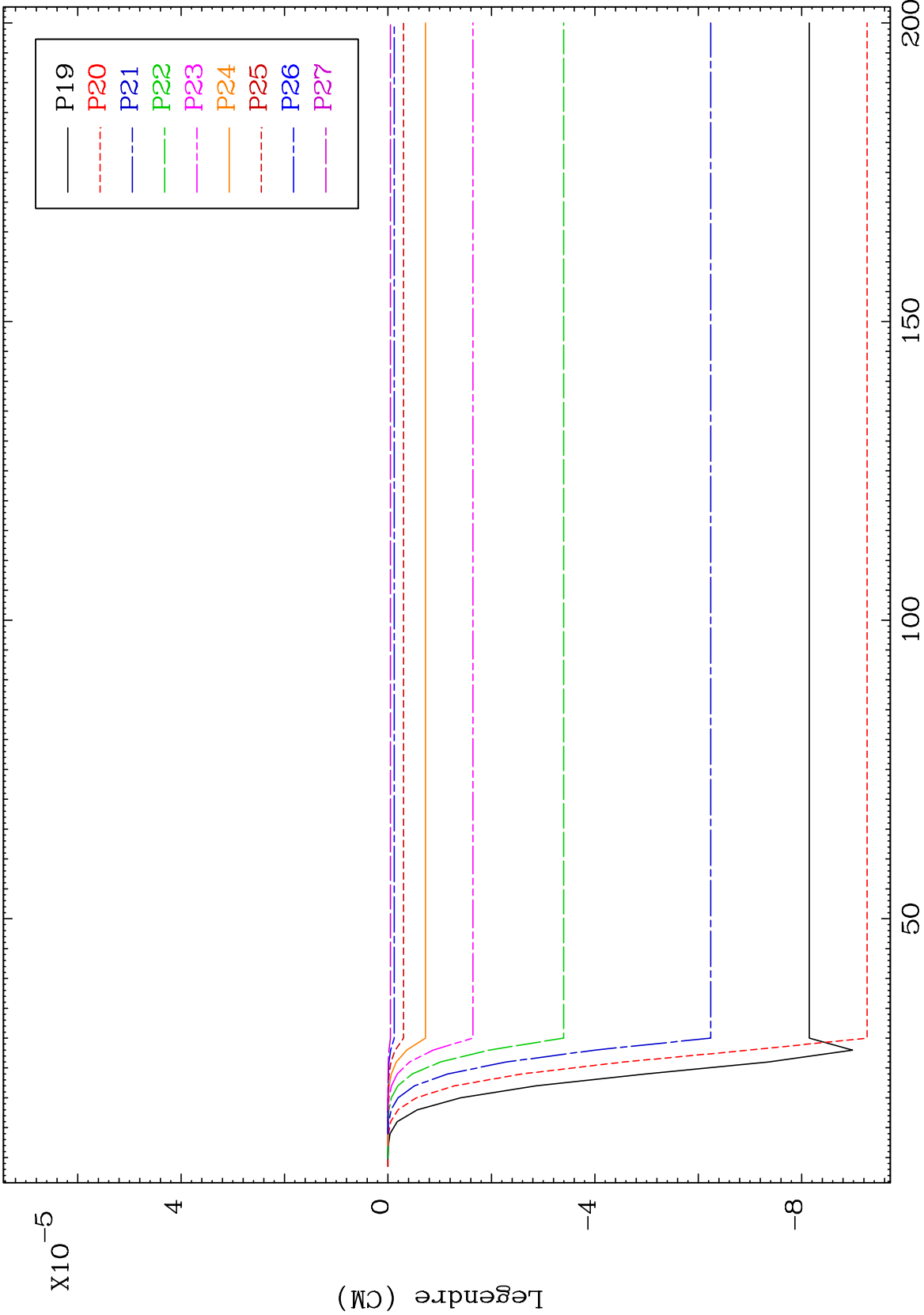
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



97

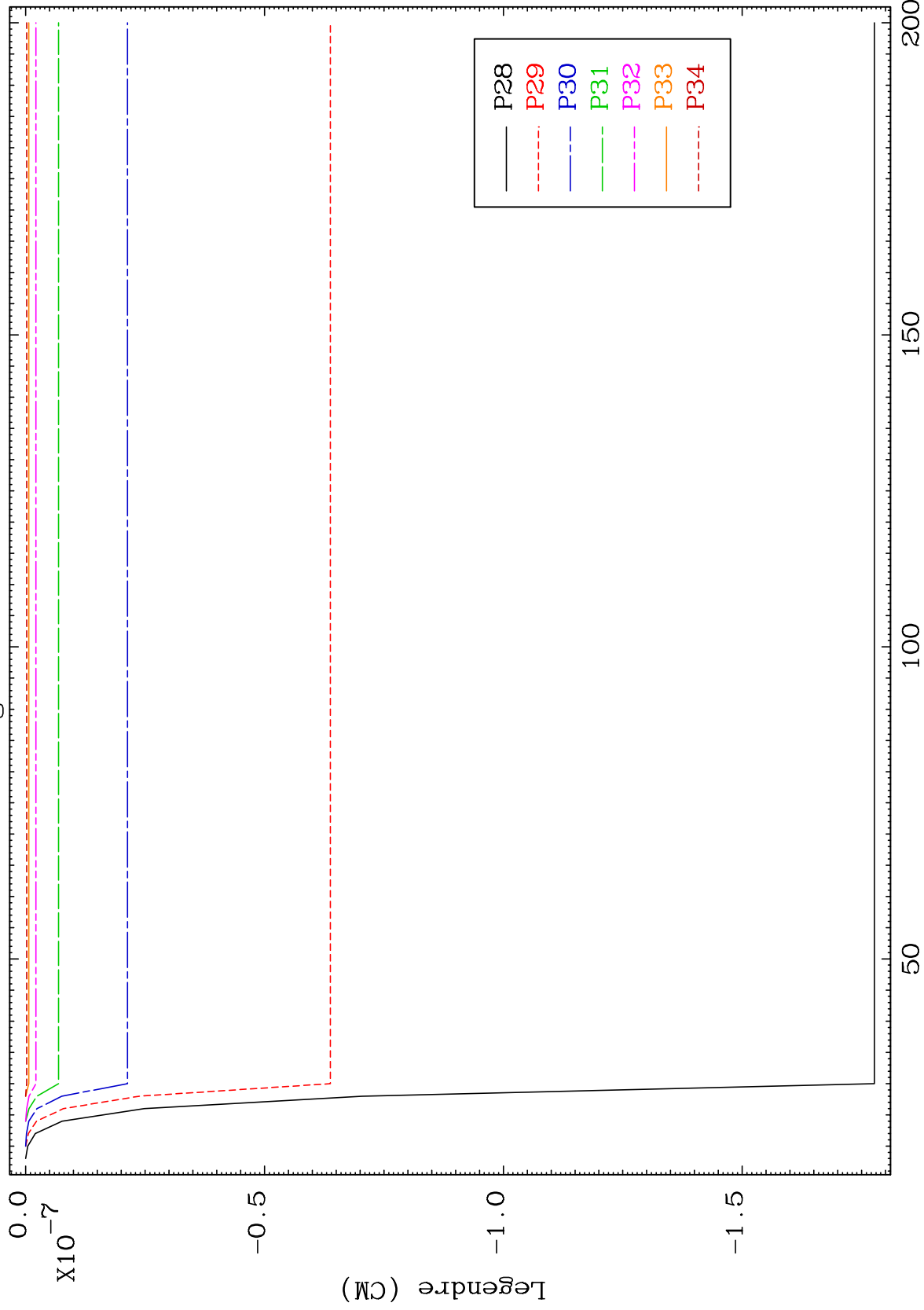
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



98

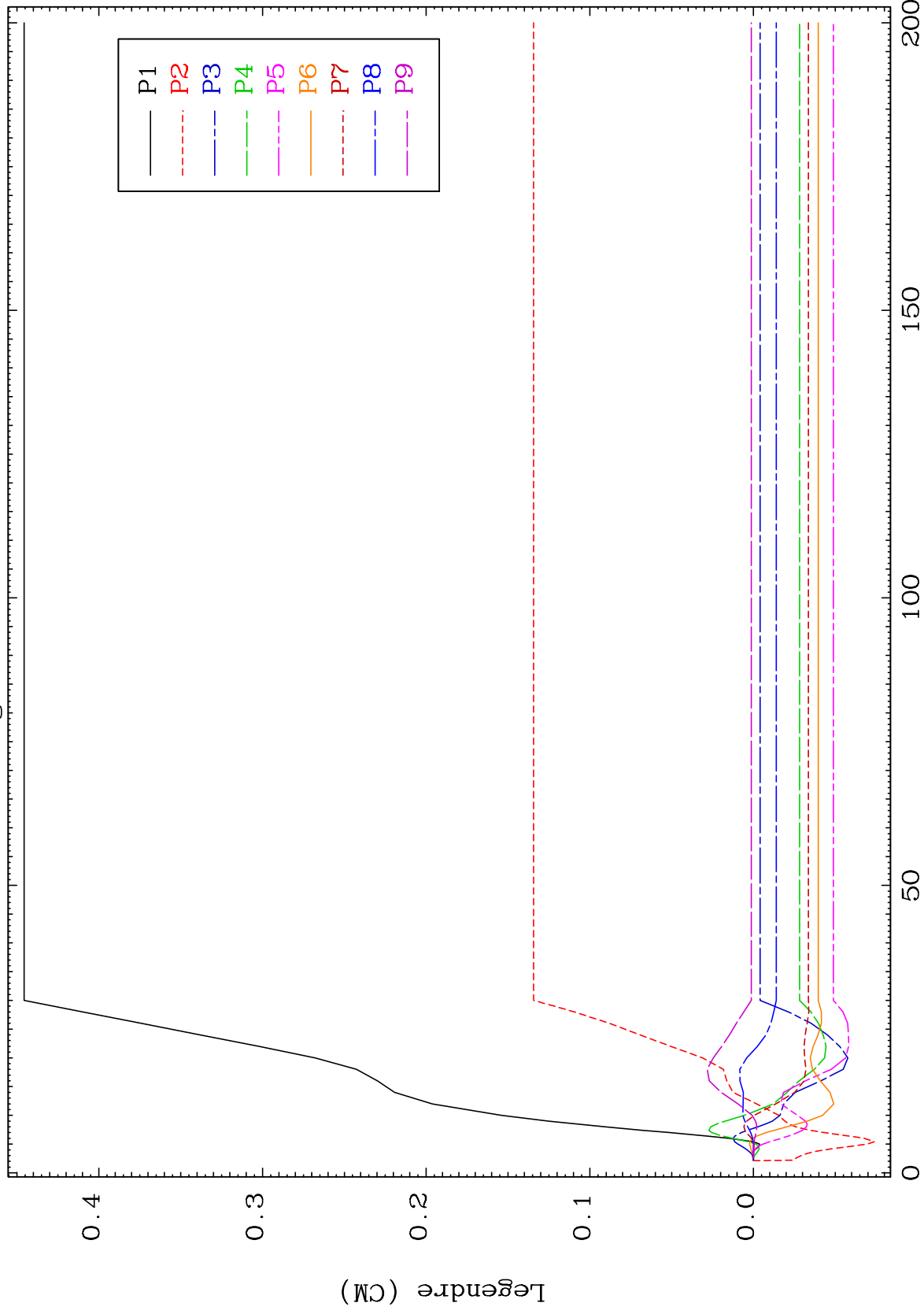
Incident Energy (MeV)

39-Y -96

MAT 3946

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

39-Y -96



99

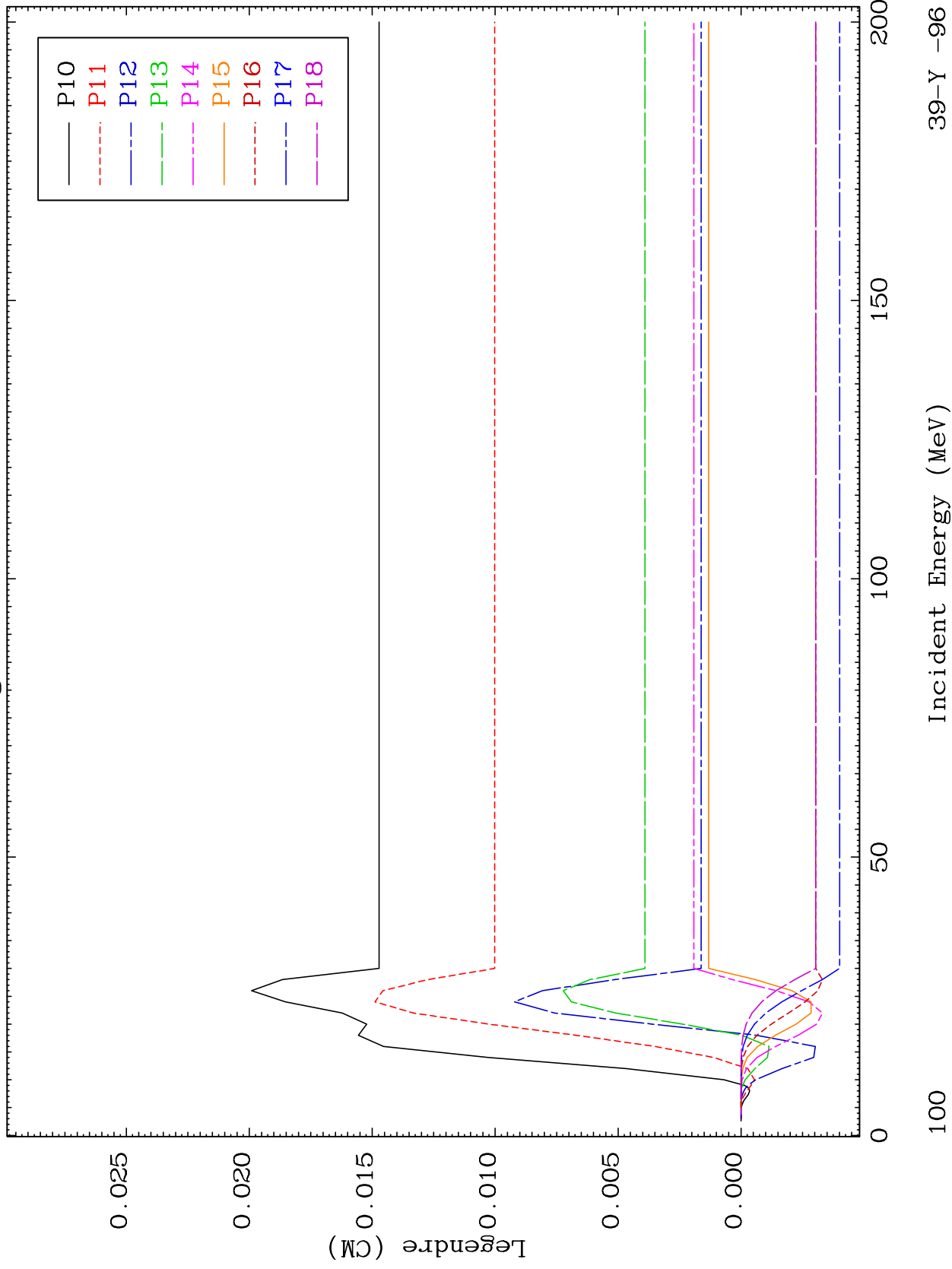
Incident Energy (MeV)

39-Y -96

MAT 3946

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

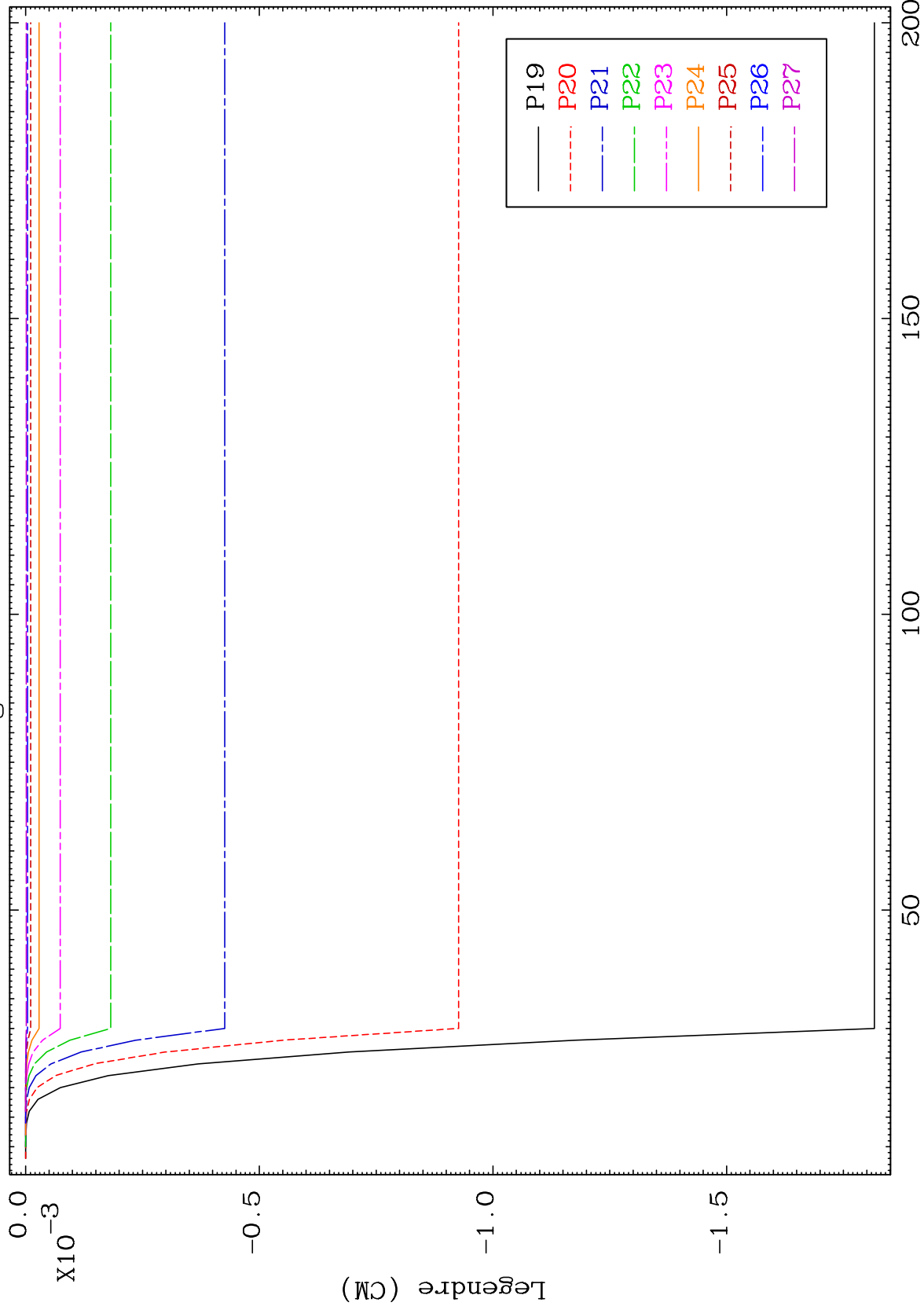
39-Y -96



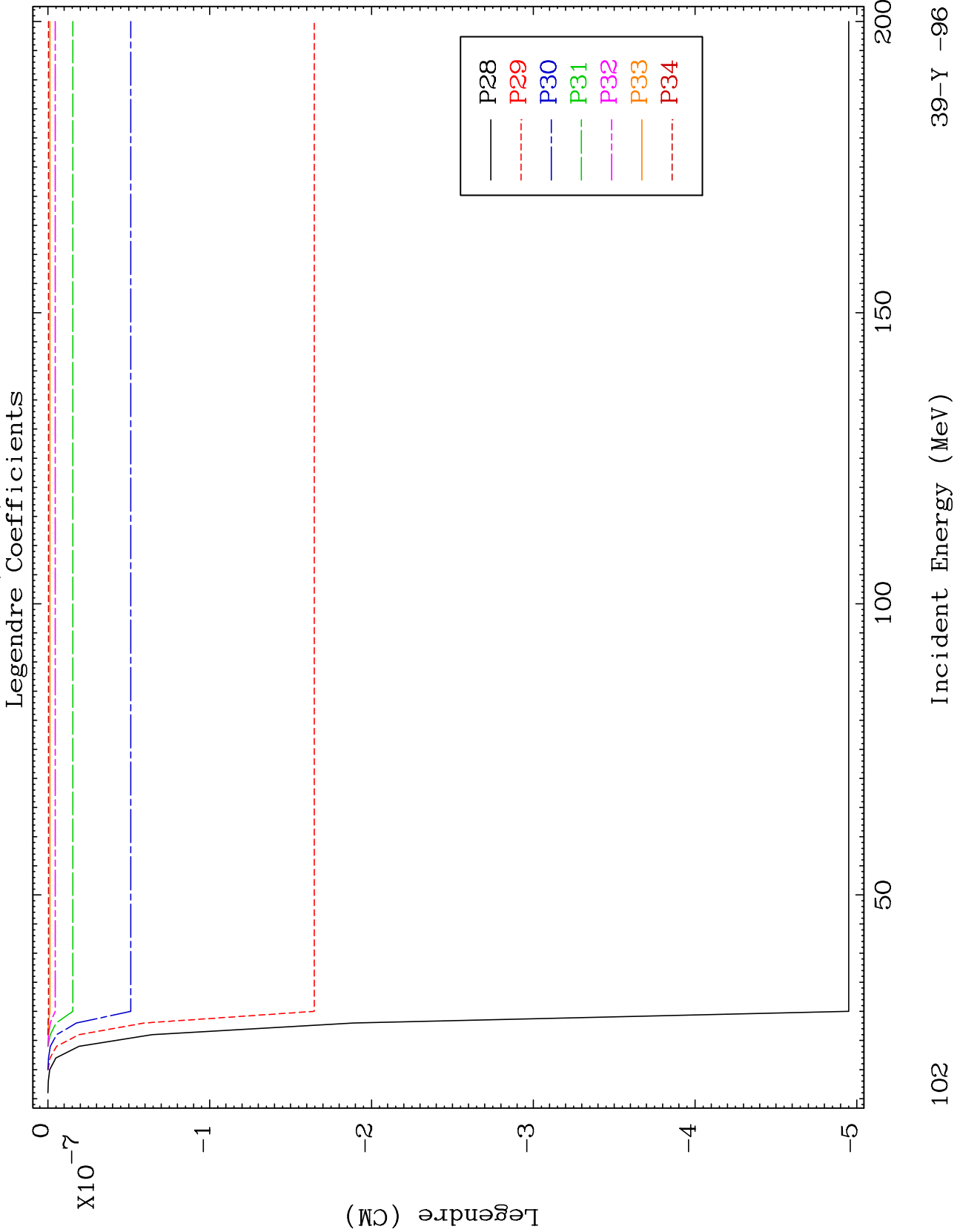
39-Y -96

MAT 3946 MT= 74 (n,n') Level 39-Y -96

Legendre Coefficients



101 Incident Energy (MeV) 39-Y -96

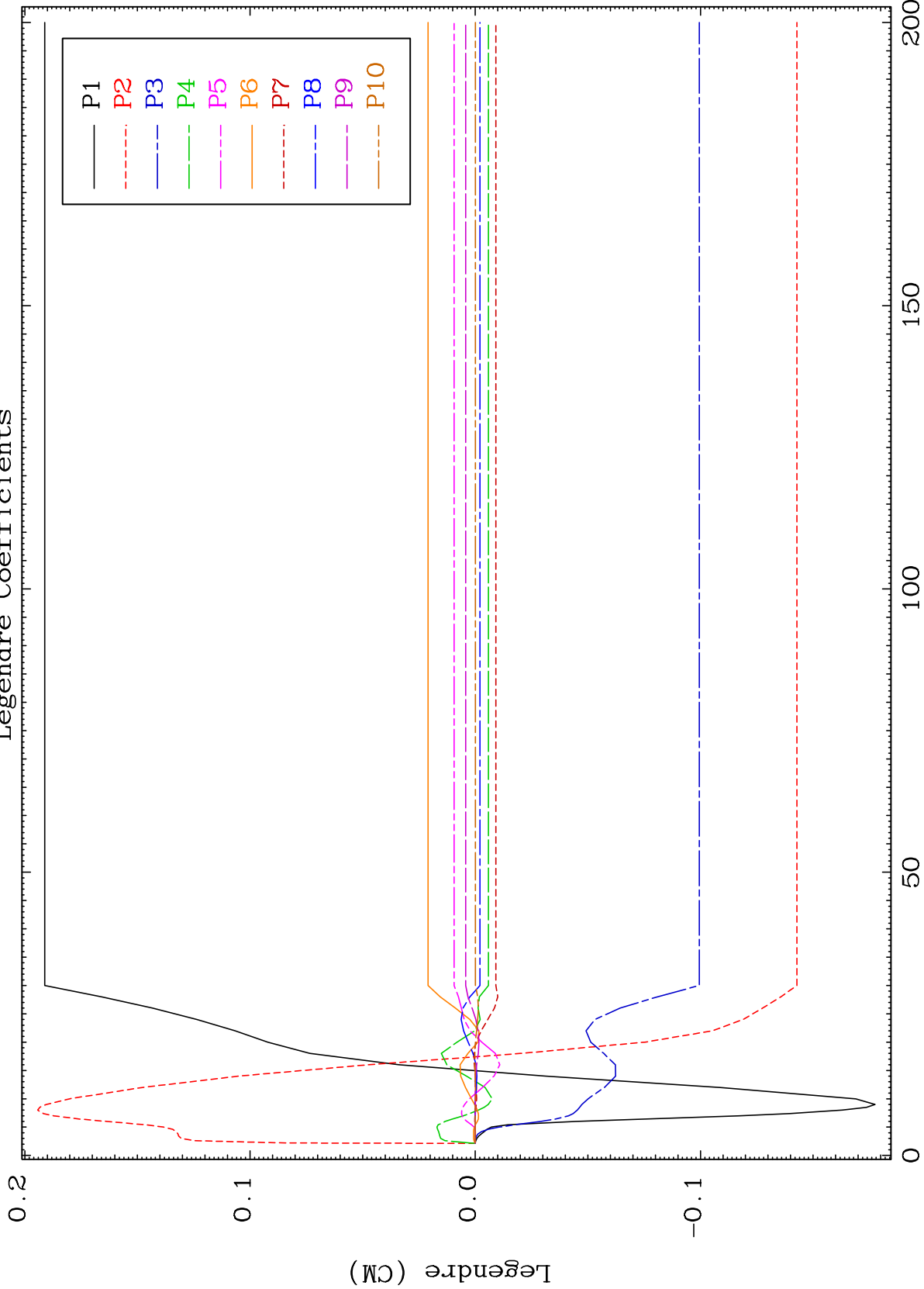


MAT 3946

MT= 75 (n,n') Level

39-Y -96

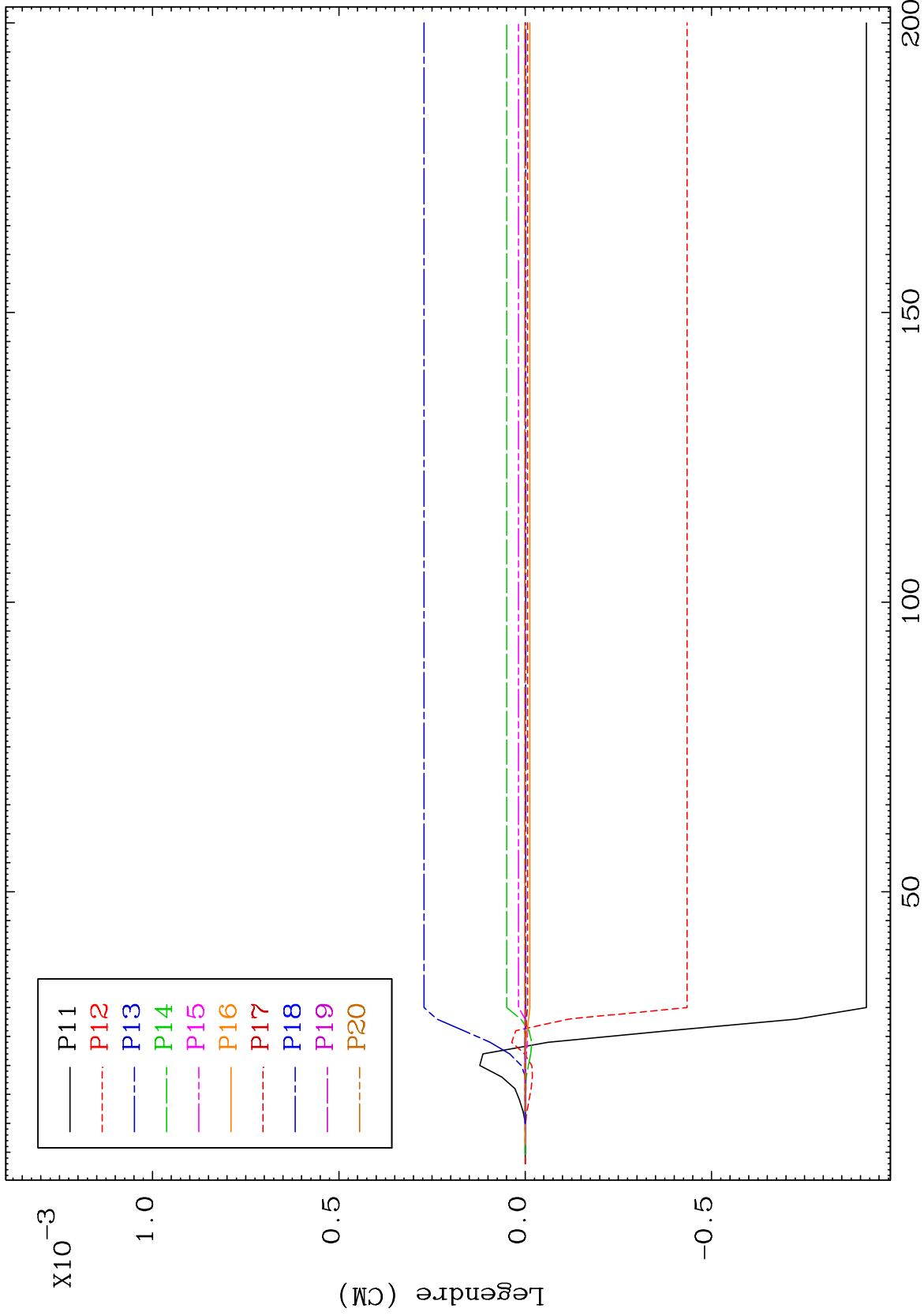
Legendre Coefficients



103

Incident Energy (MeV)

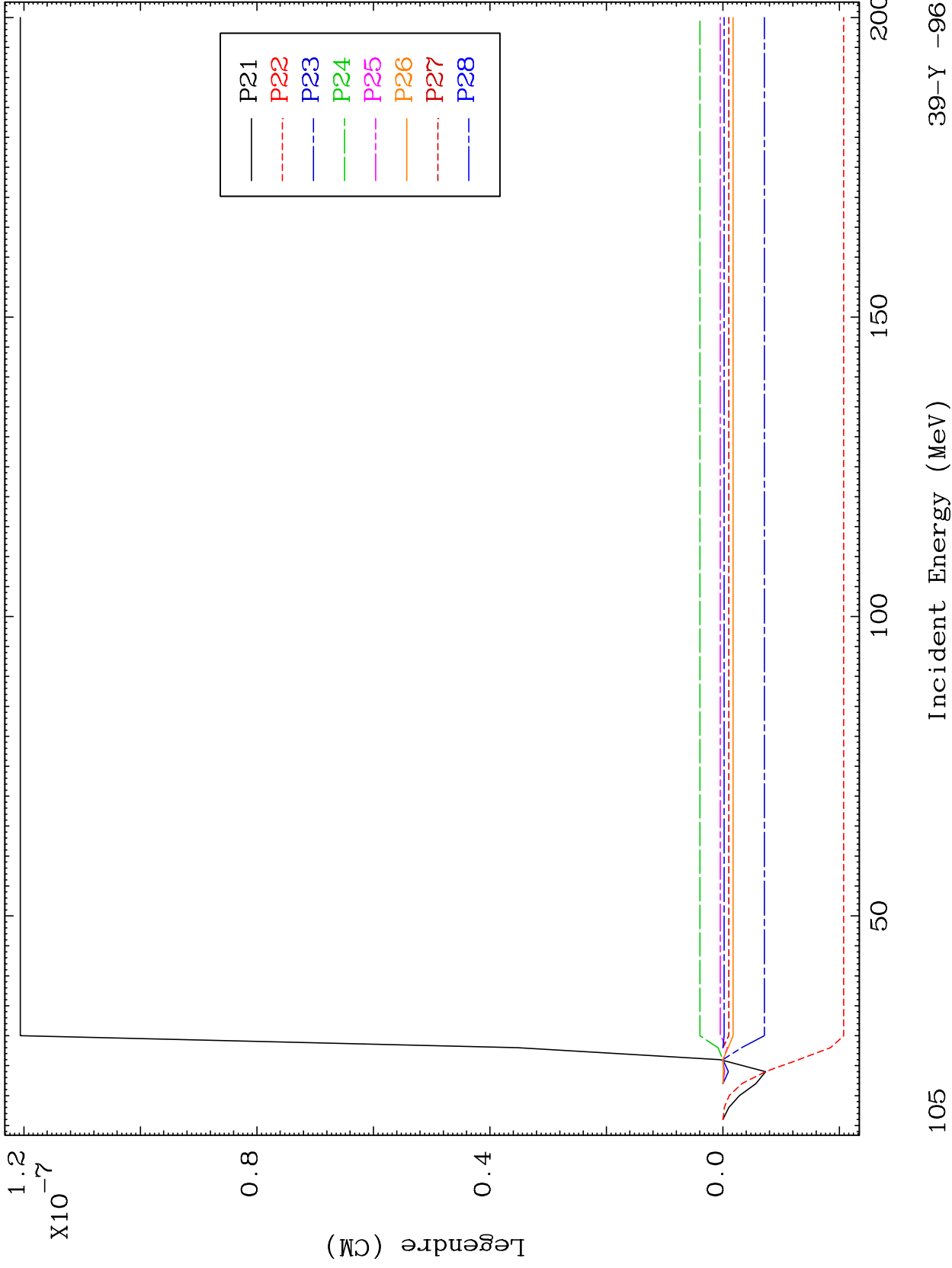
39-Y -96



MAT 3946

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

39-Y -96



39-Y -96

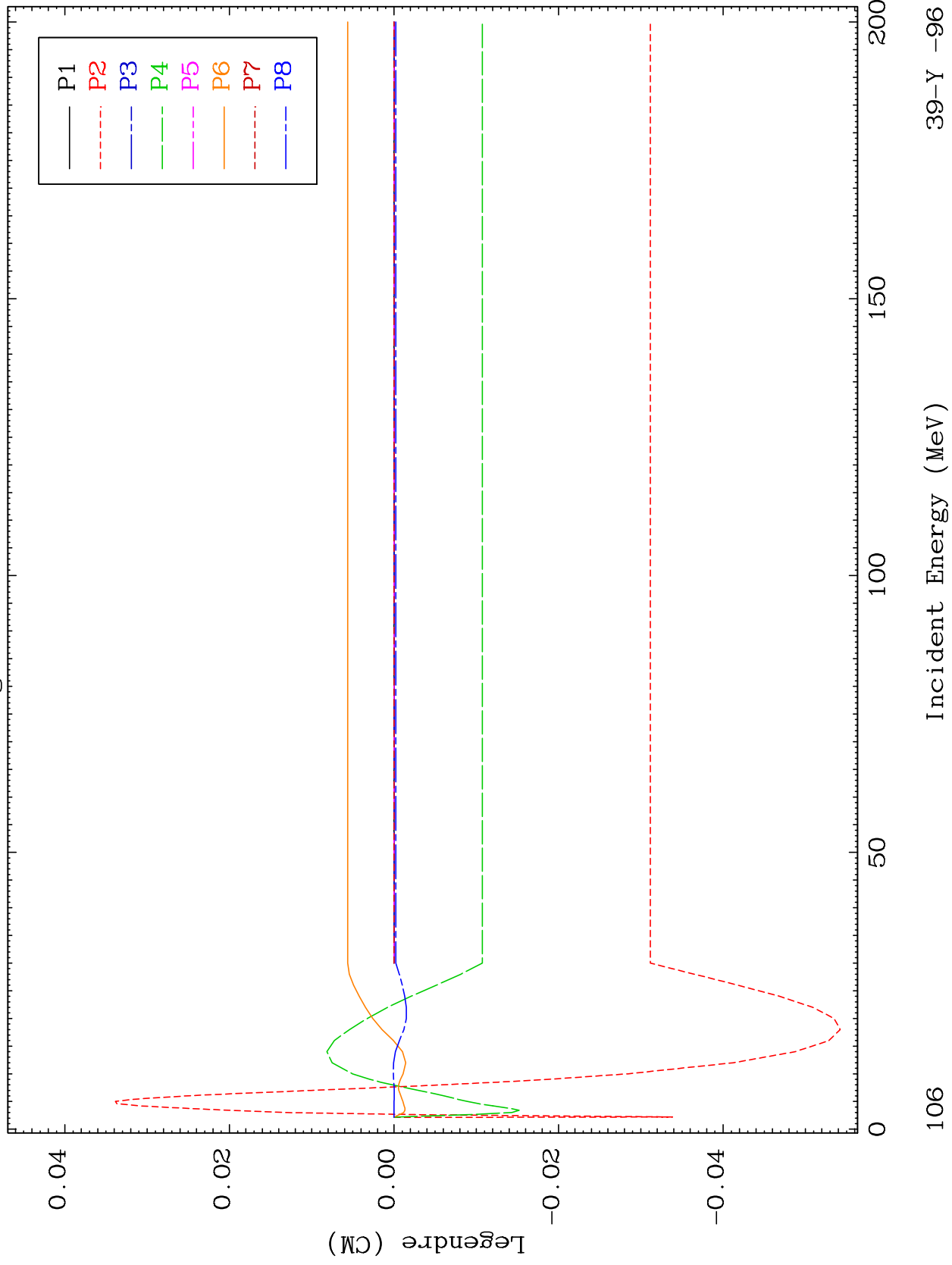
Incident Energy (MeV)

105

MAT 3946

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

39-Y -96



39-Y -96

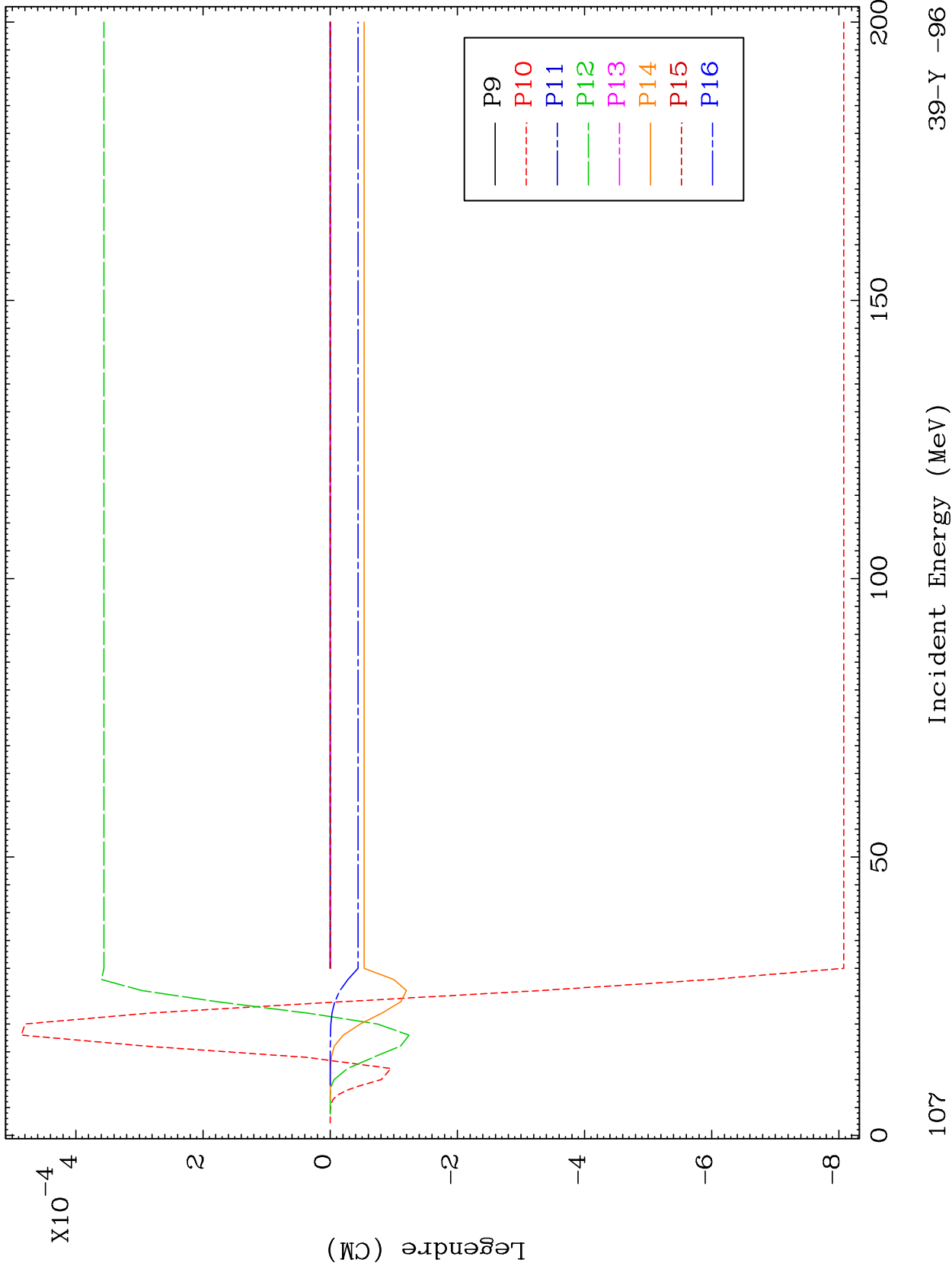
Incident Energy (MeV)

106

MAT 3946

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

39-Y -96



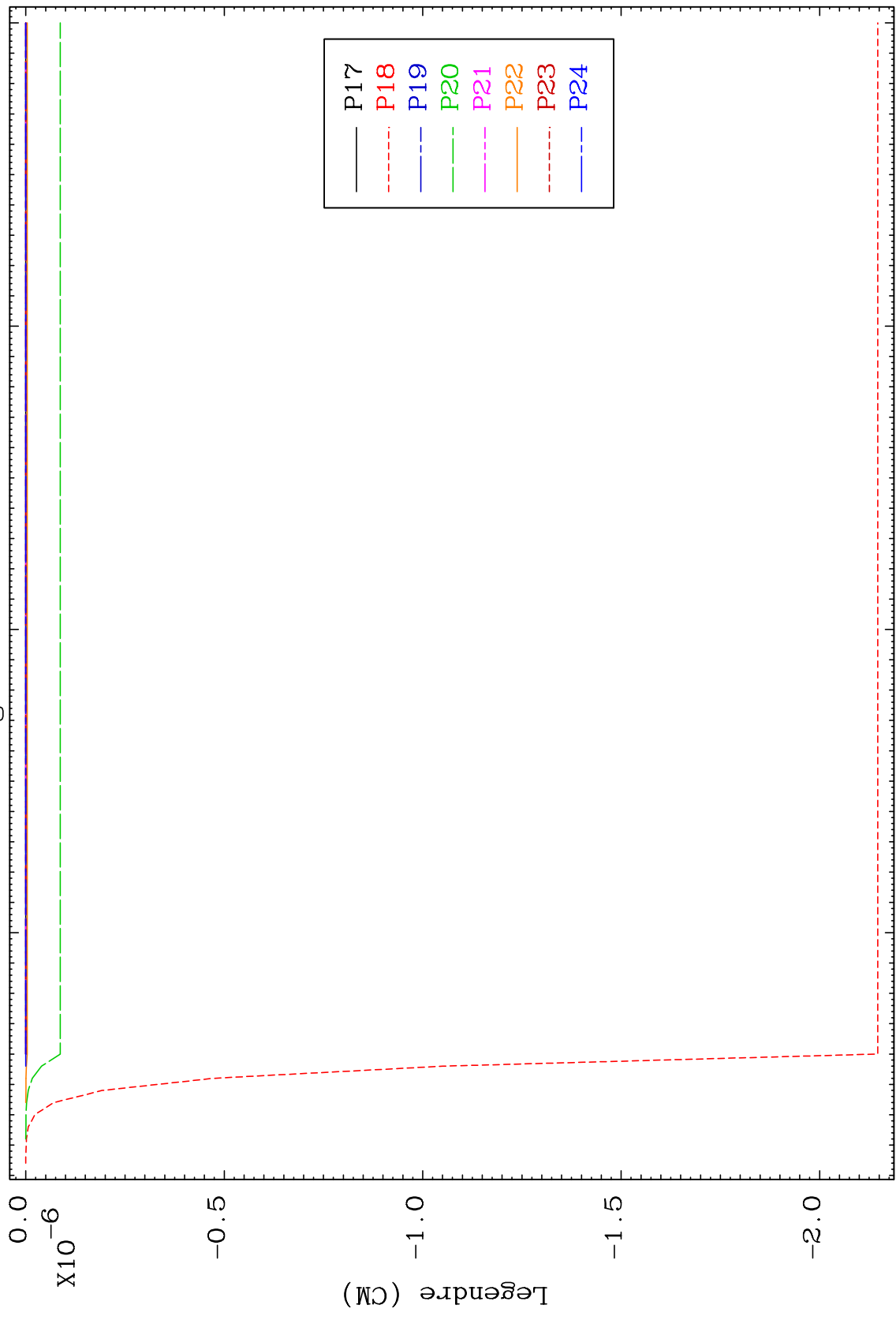
107

Incident Energy (MeV)

39-Y -96

MAT 3946 MT= 76 (n,n') Level 39-Y -96

Legendre Coefficients

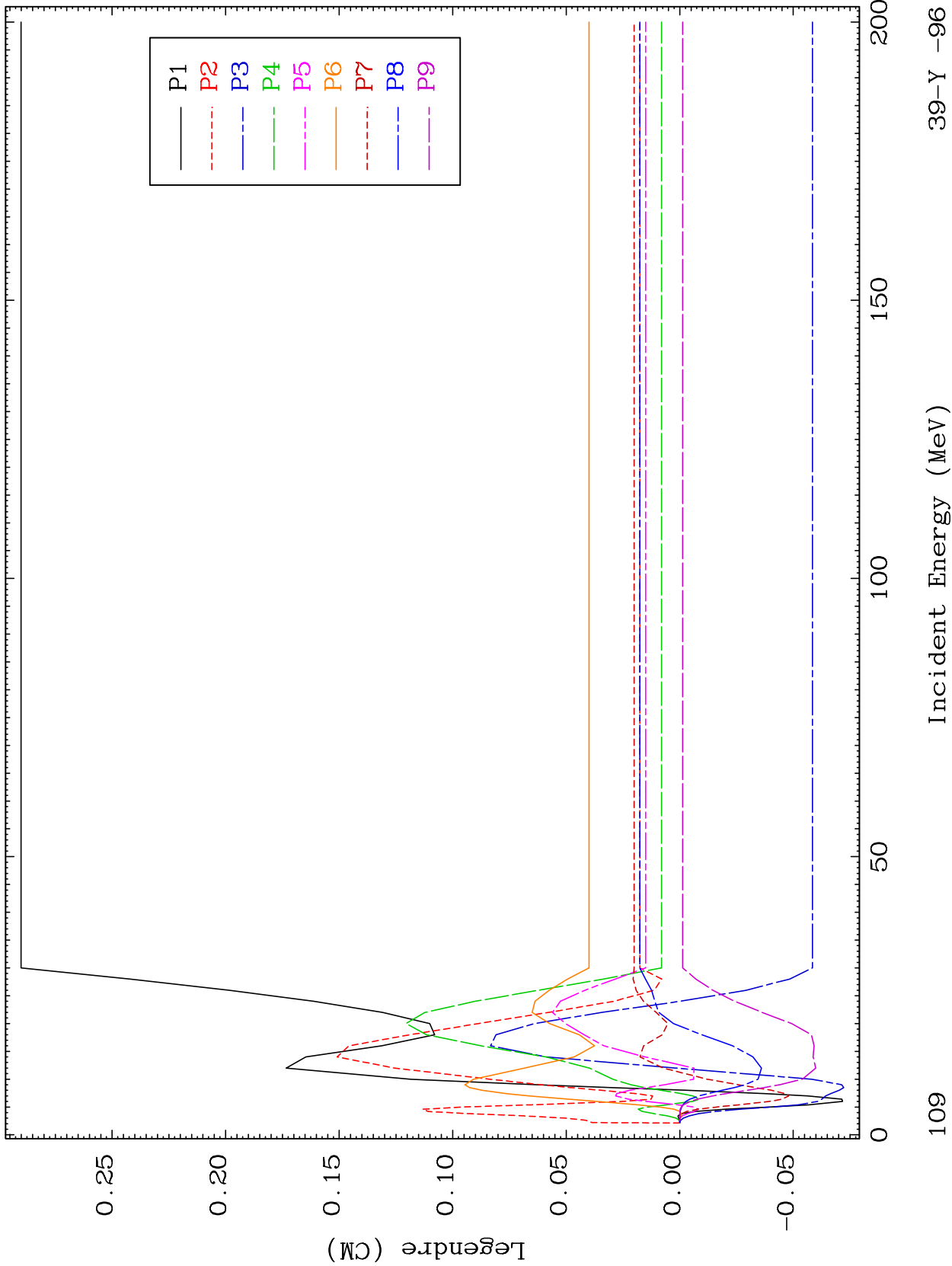


108 Incident Energy (MeV) 39-Y -96

MAT 3946

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

39-Y -96



39-Y -96

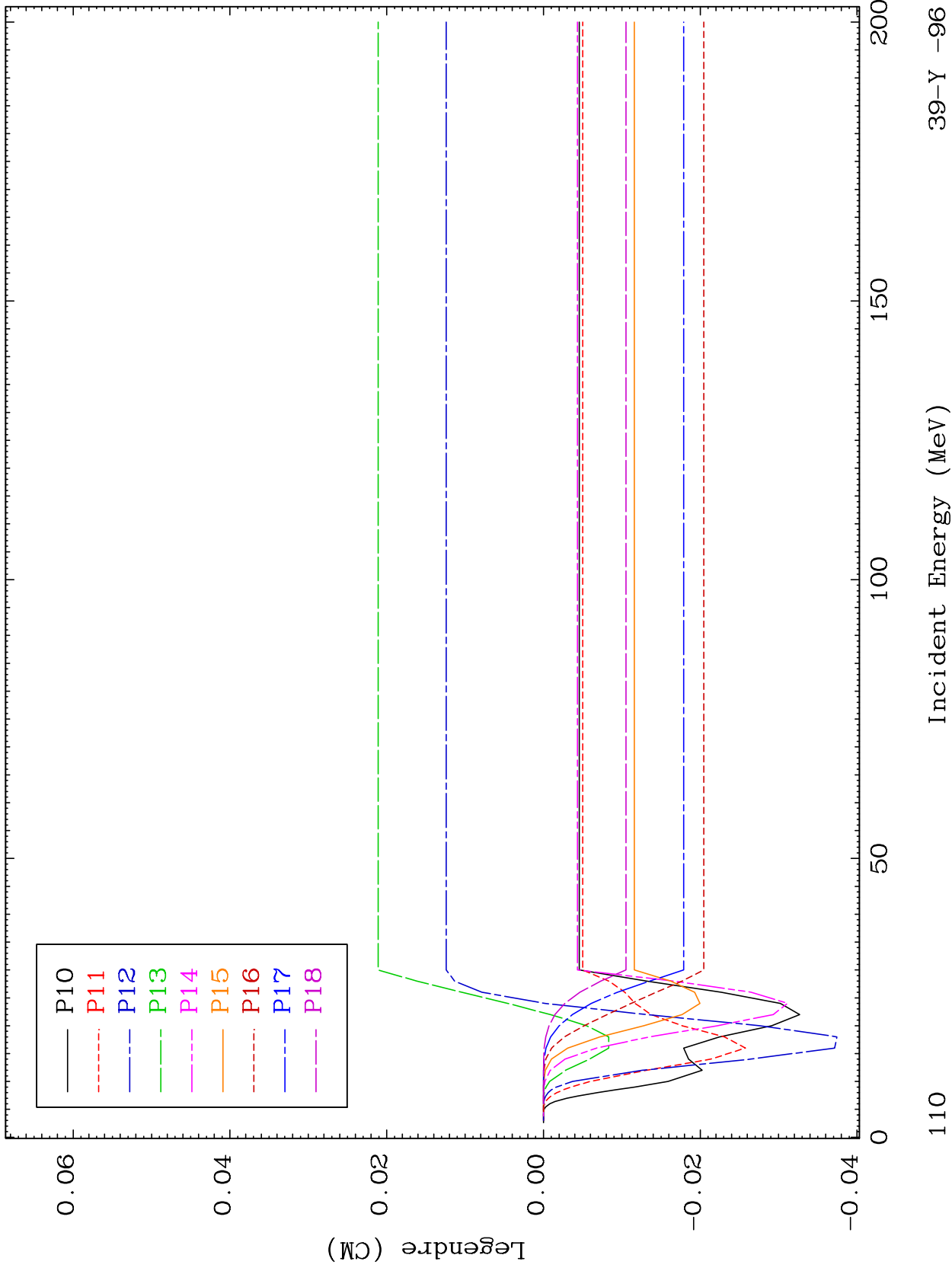
Incident Energy (MeV)

109

MAT 3946

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

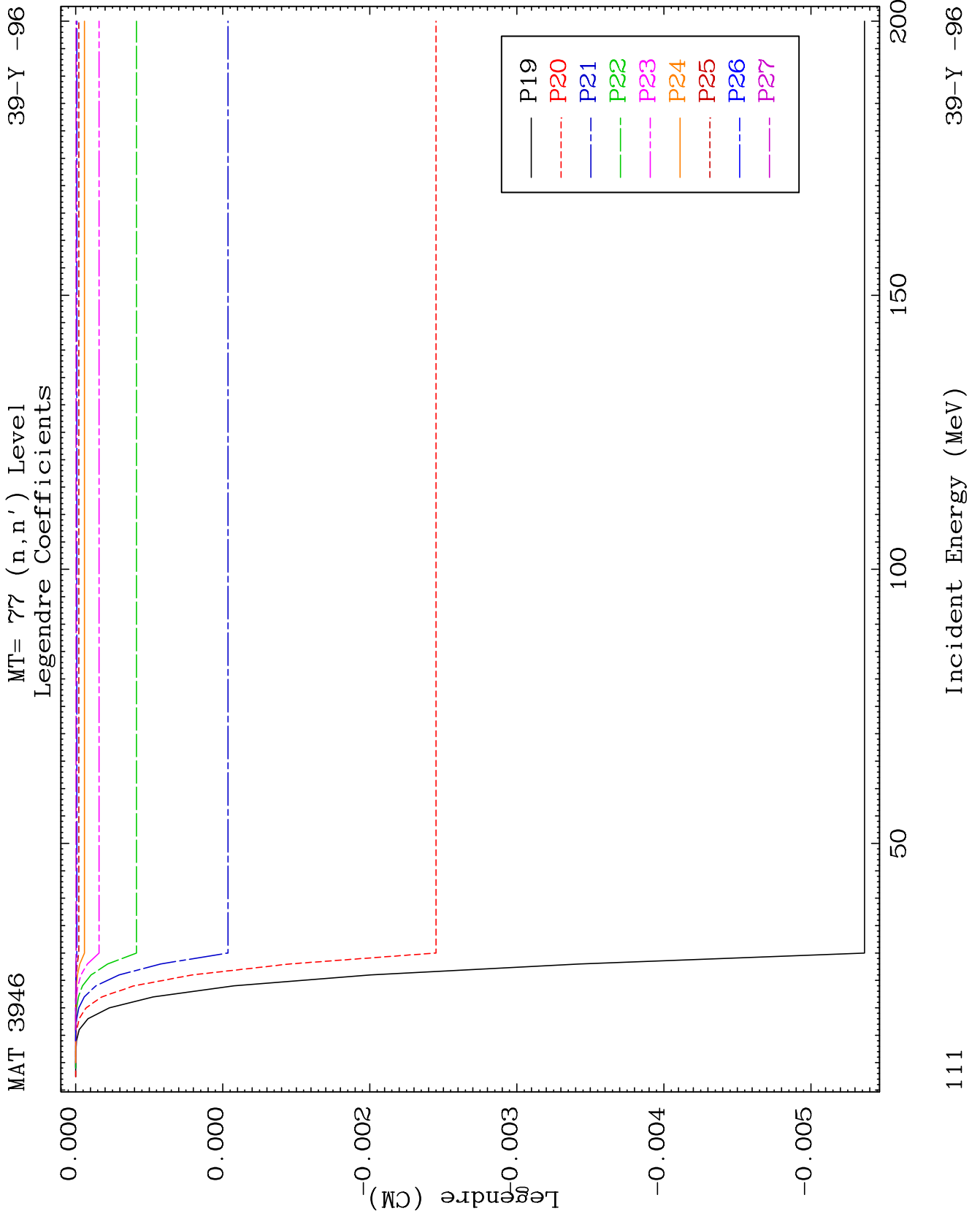
39-Y -96



110

Incident Energy (MeV)

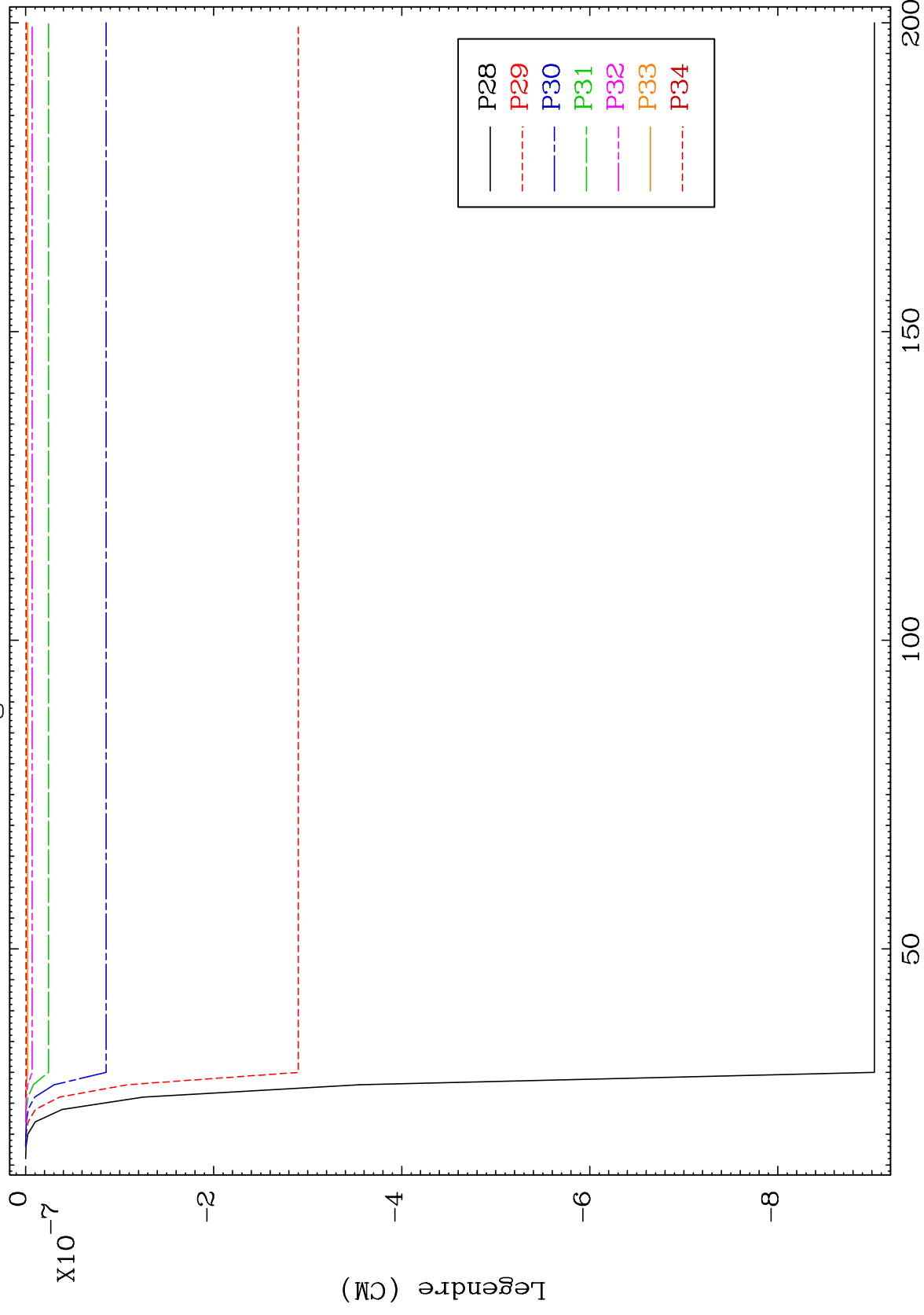
39-Y -96



MAT 3946

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

39-Y -96



39-Y -96

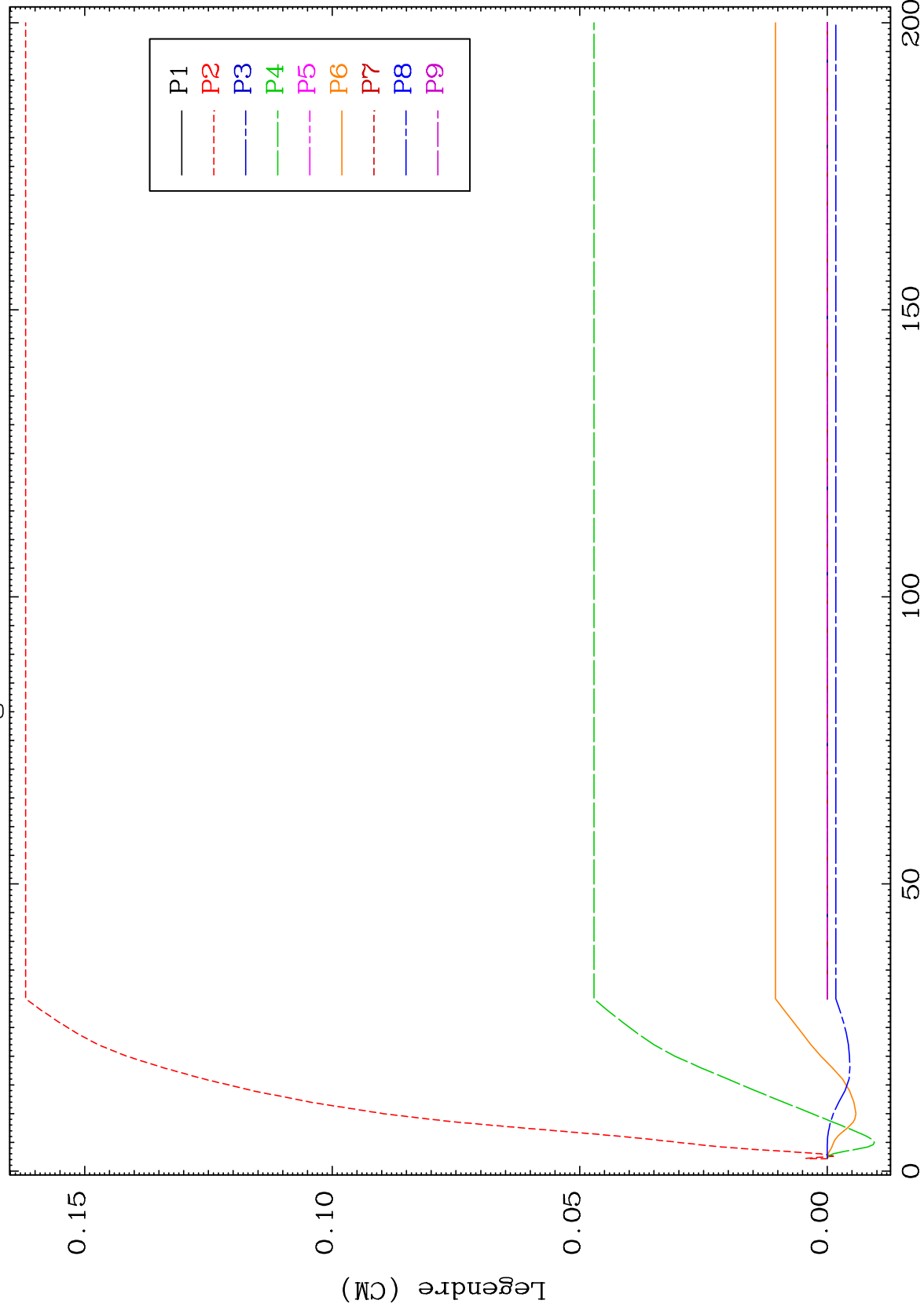
Incident Energy (MeV)

112

MAT 3946

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

39-Y -96



113

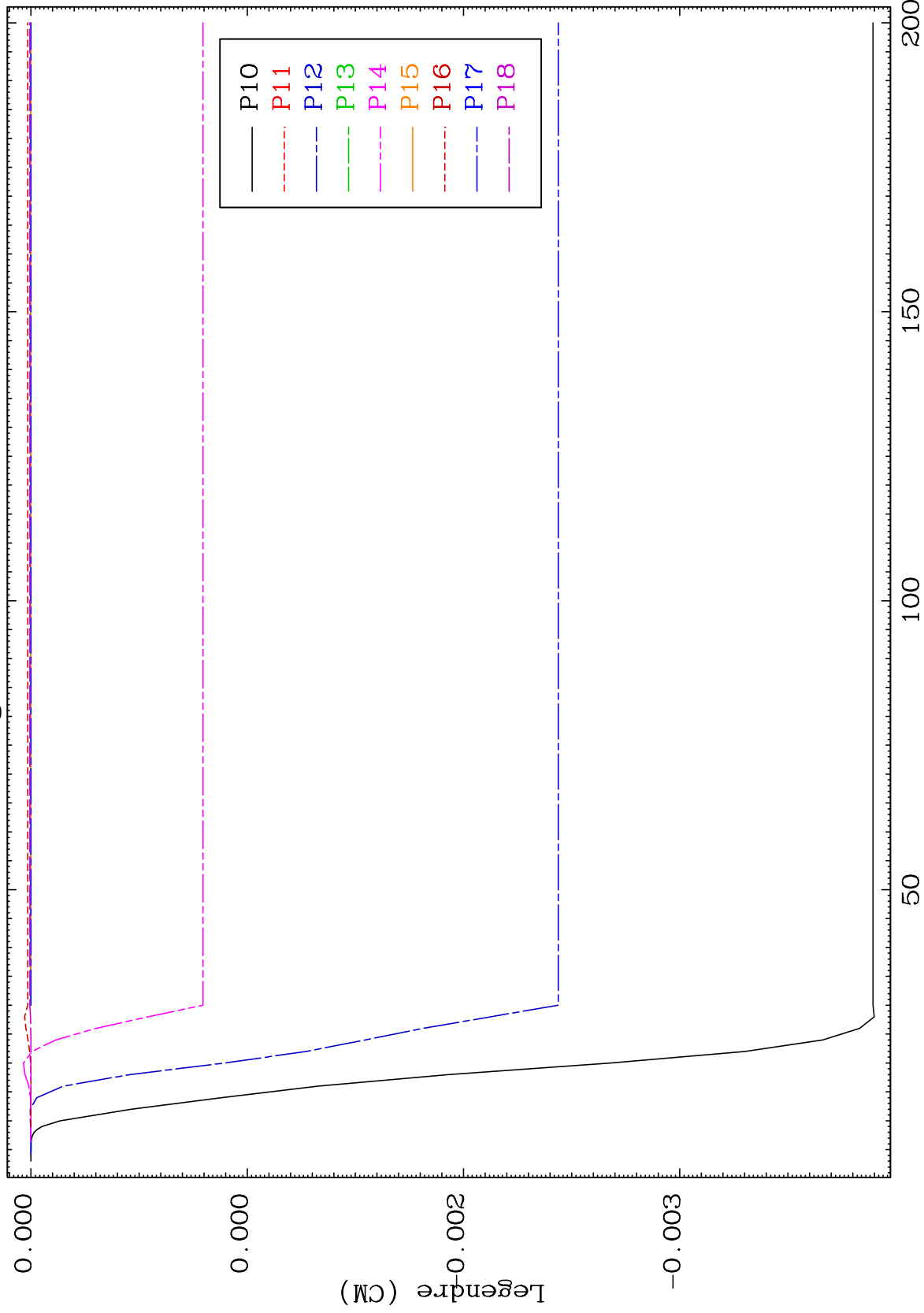
Incident Energy (MeV)

39-Y -96

MAT 3946

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

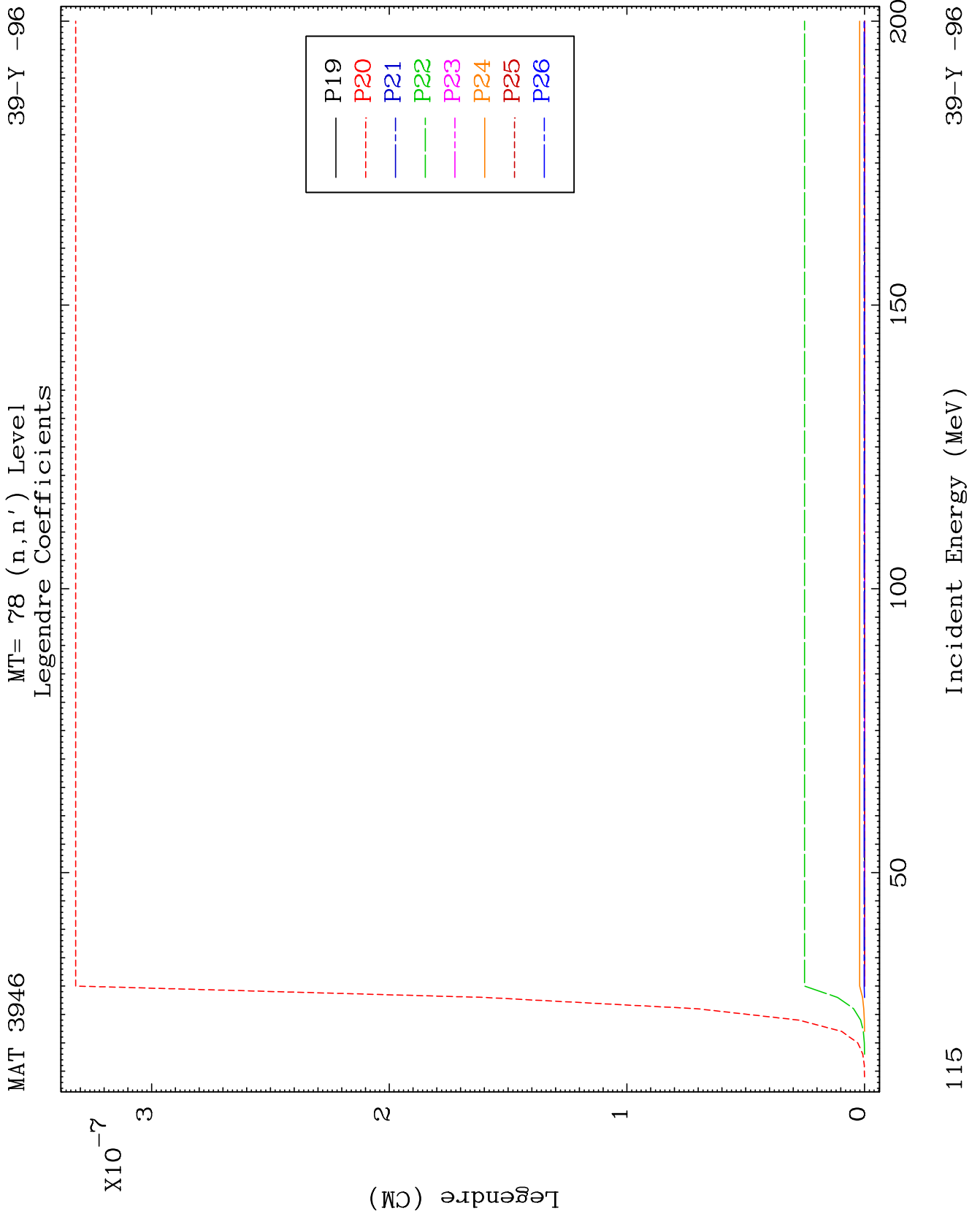
39-Y -96

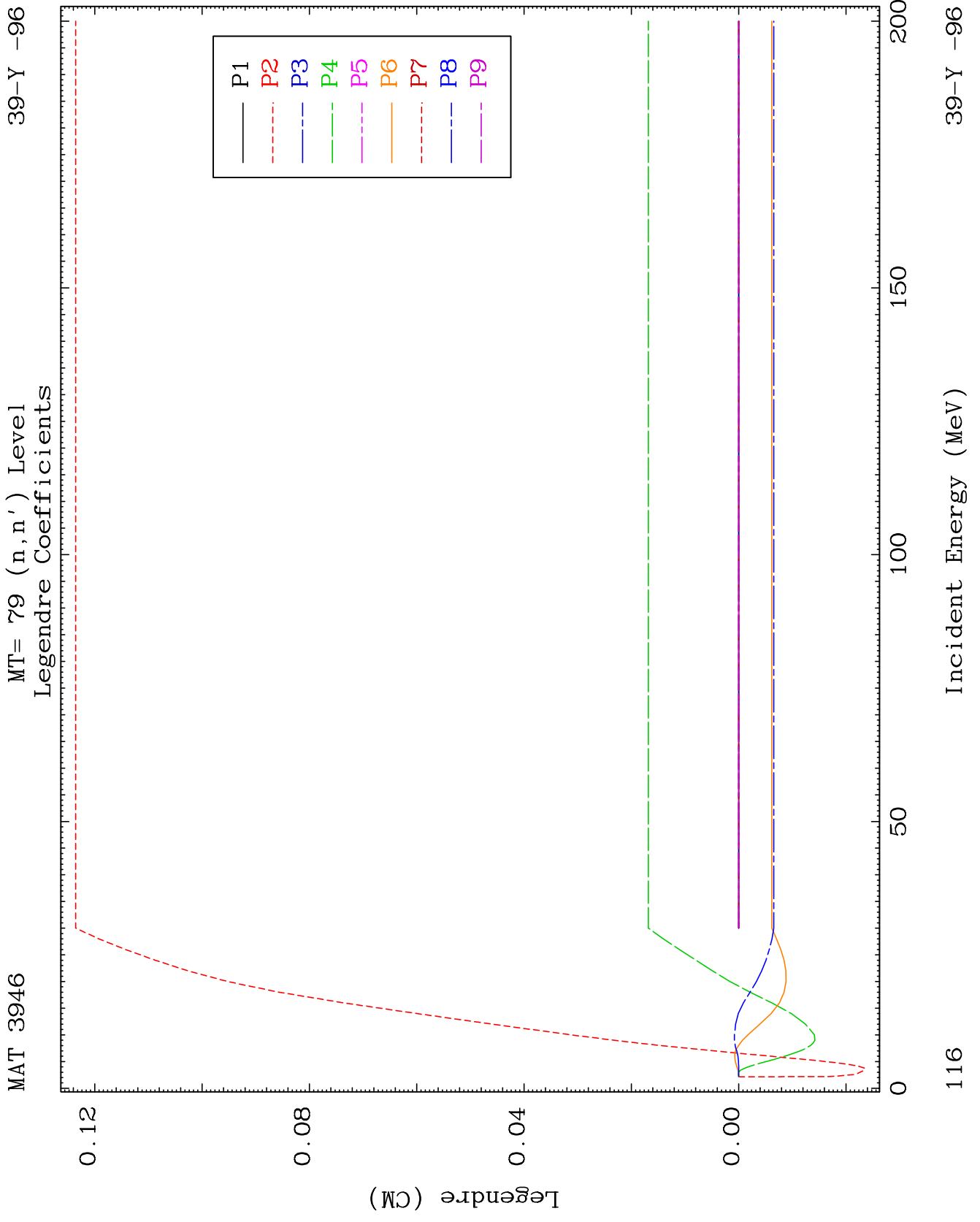


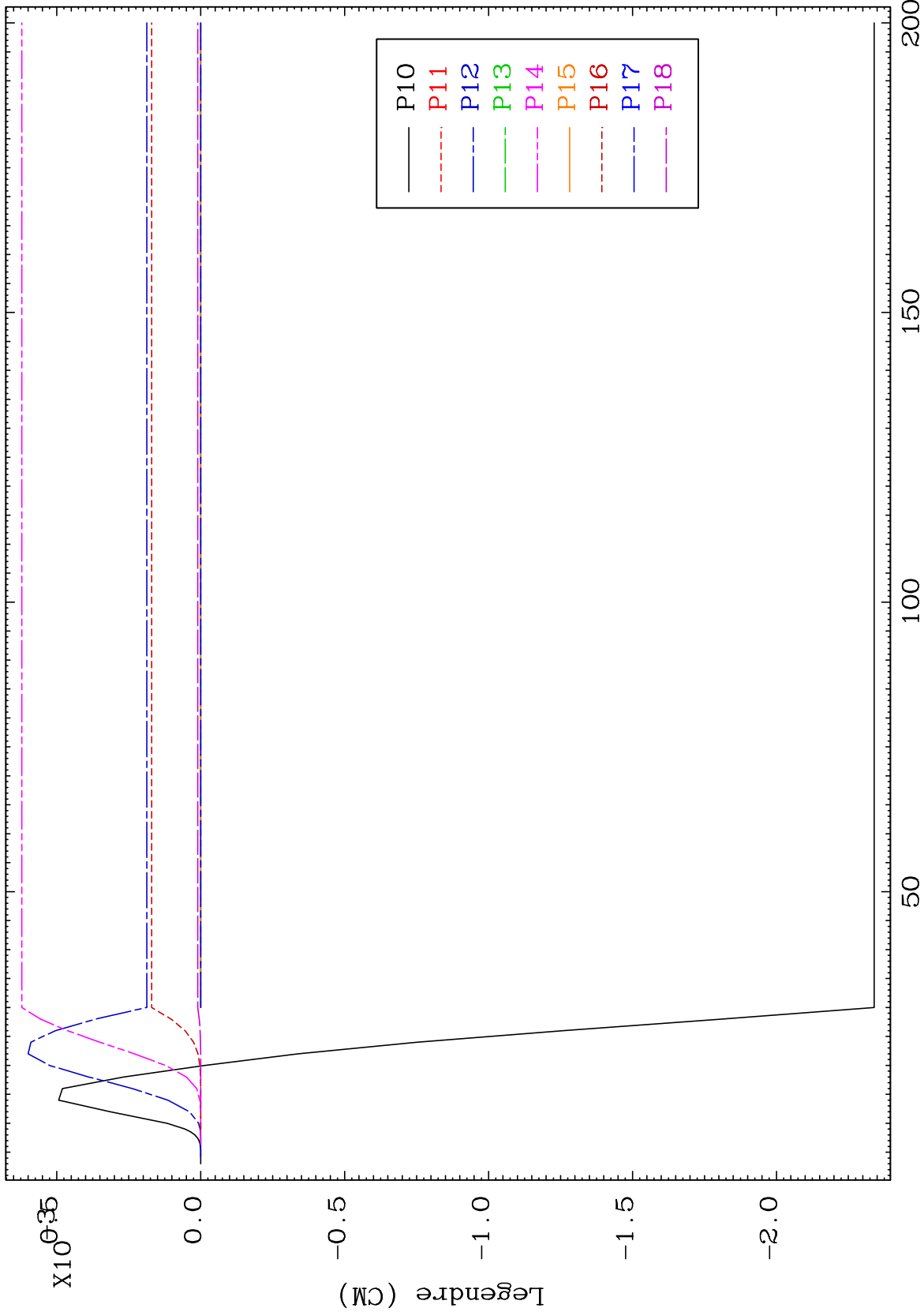
114

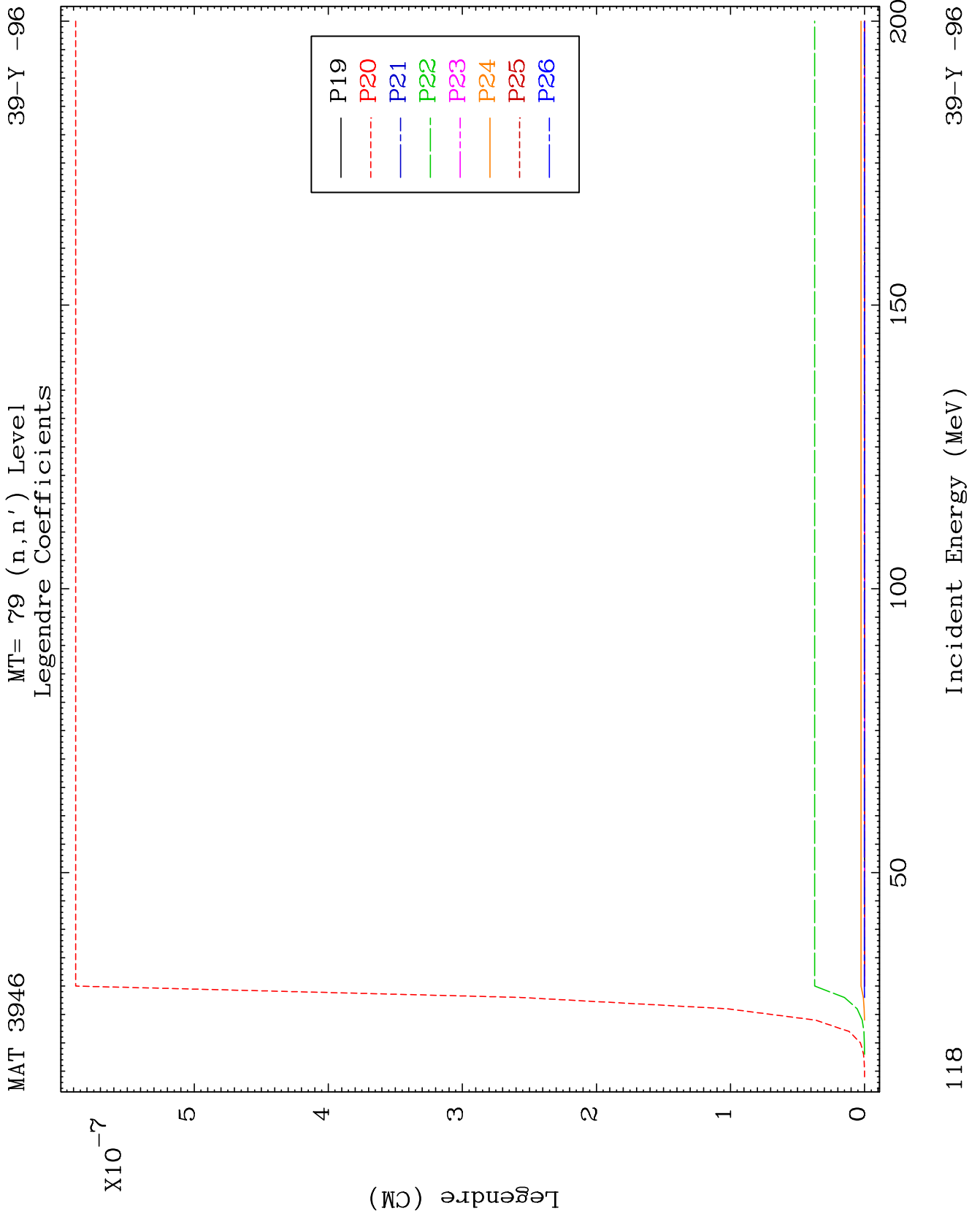
Incident Energy (MeV)

39-Y -96

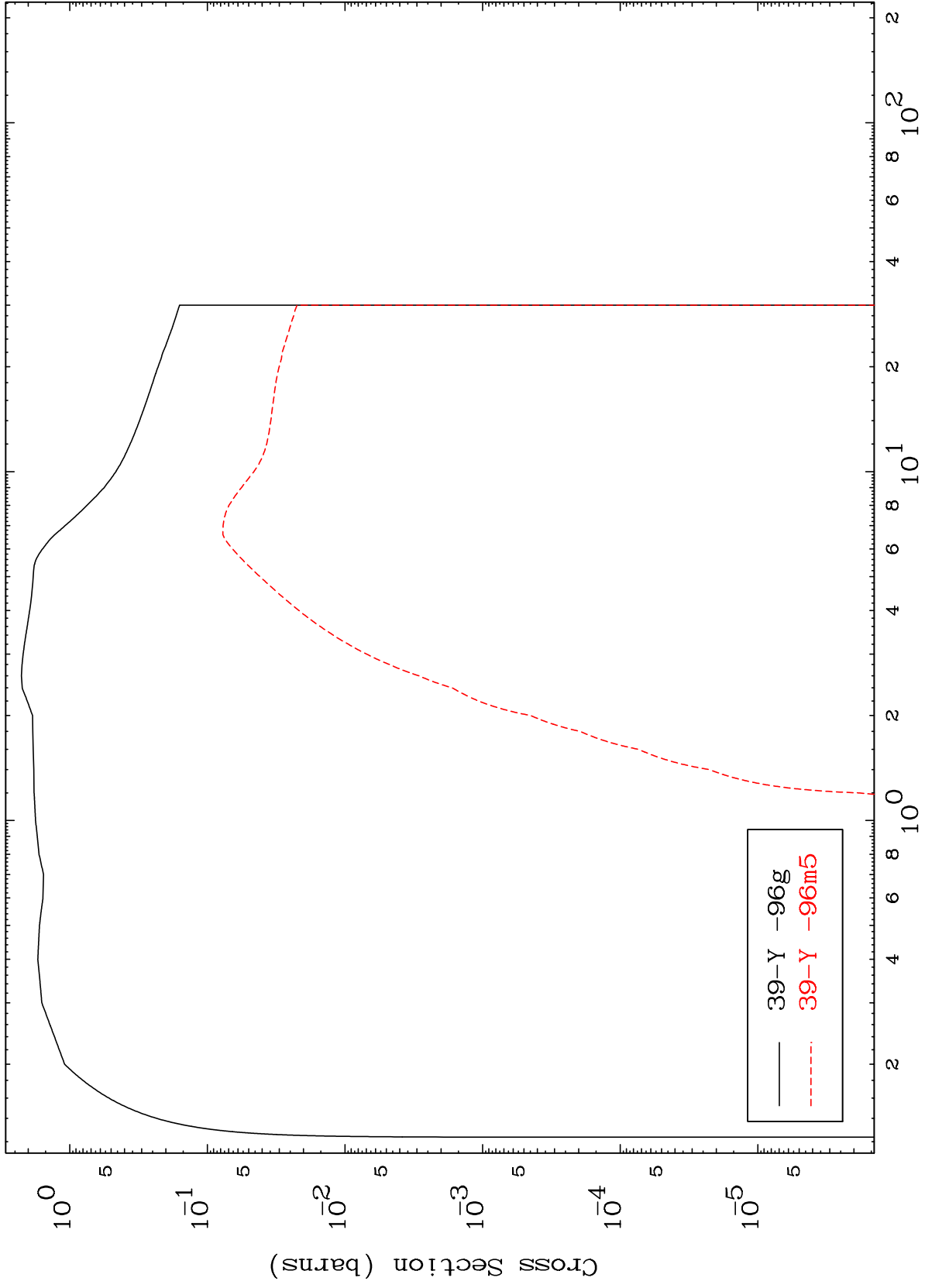








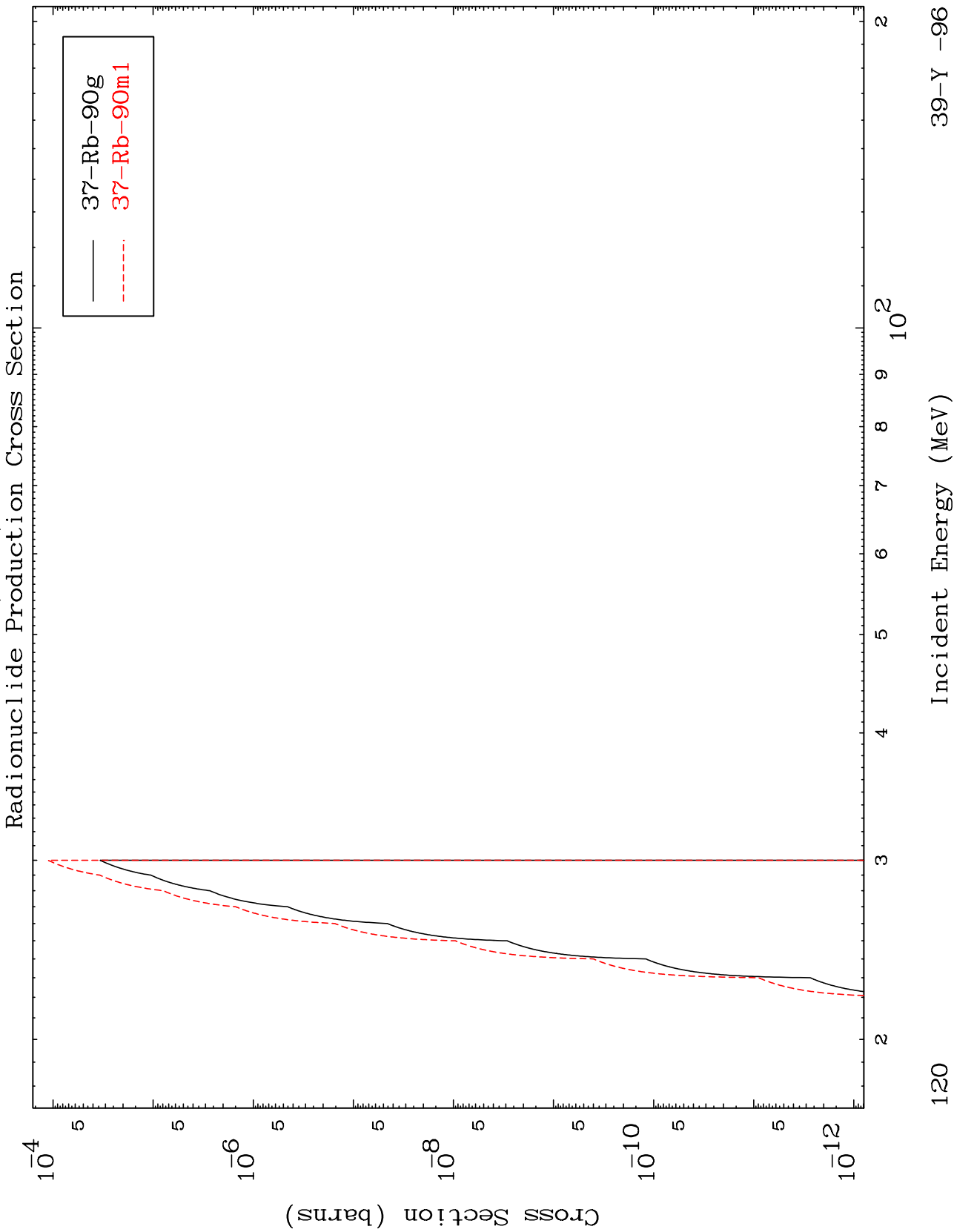
Inelastic
Radionuclide Production Cross Section



MAT 3946

(n,3n) α

39-Y -96

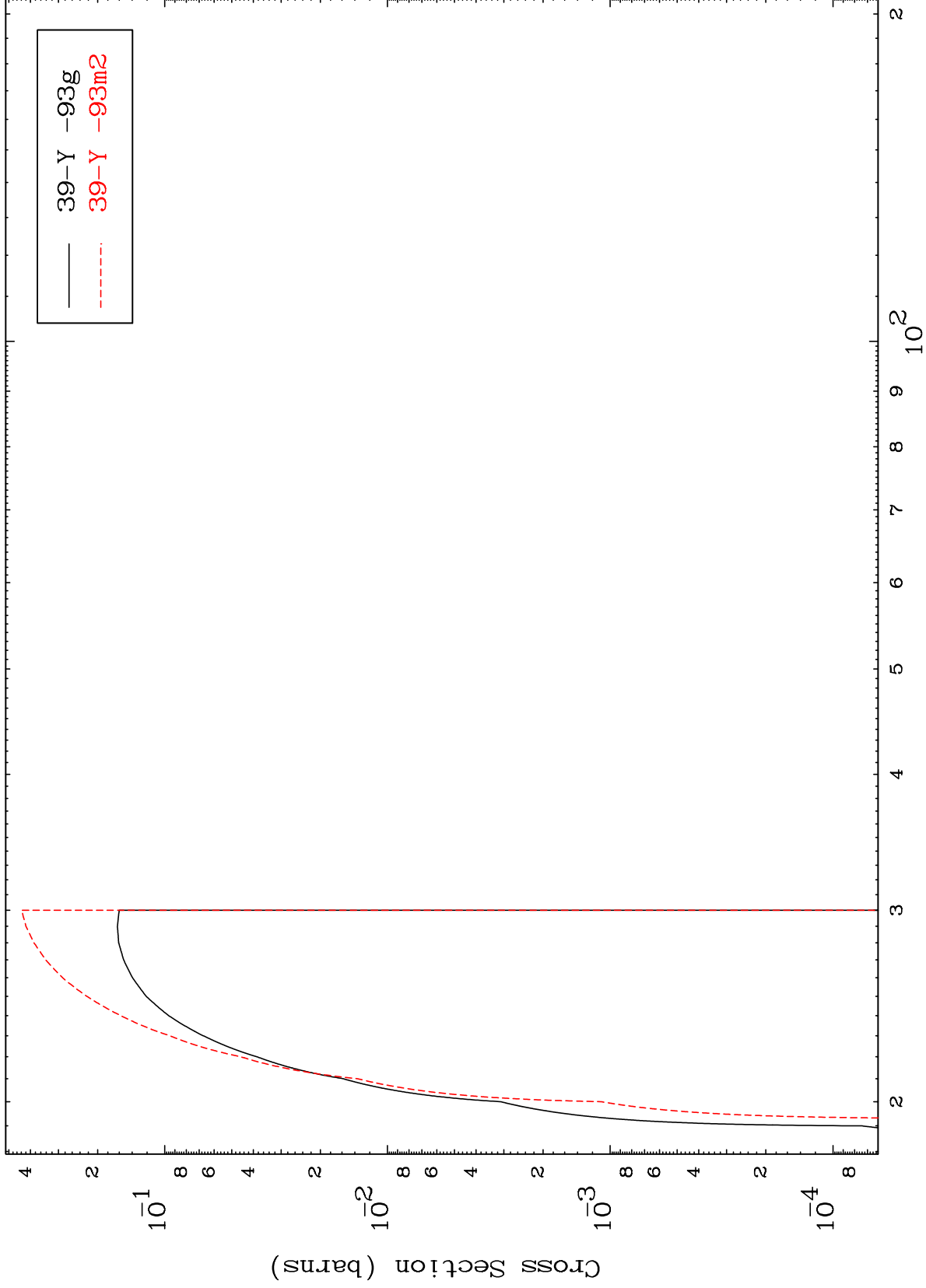


120

Incident Energy (MeV)

39-Y -96

Radionuclide Production Cross Section



(n,γ)
Radionuclide Production Cross Section

