

Program EVALPLOT  
(Version 2018-1)

by

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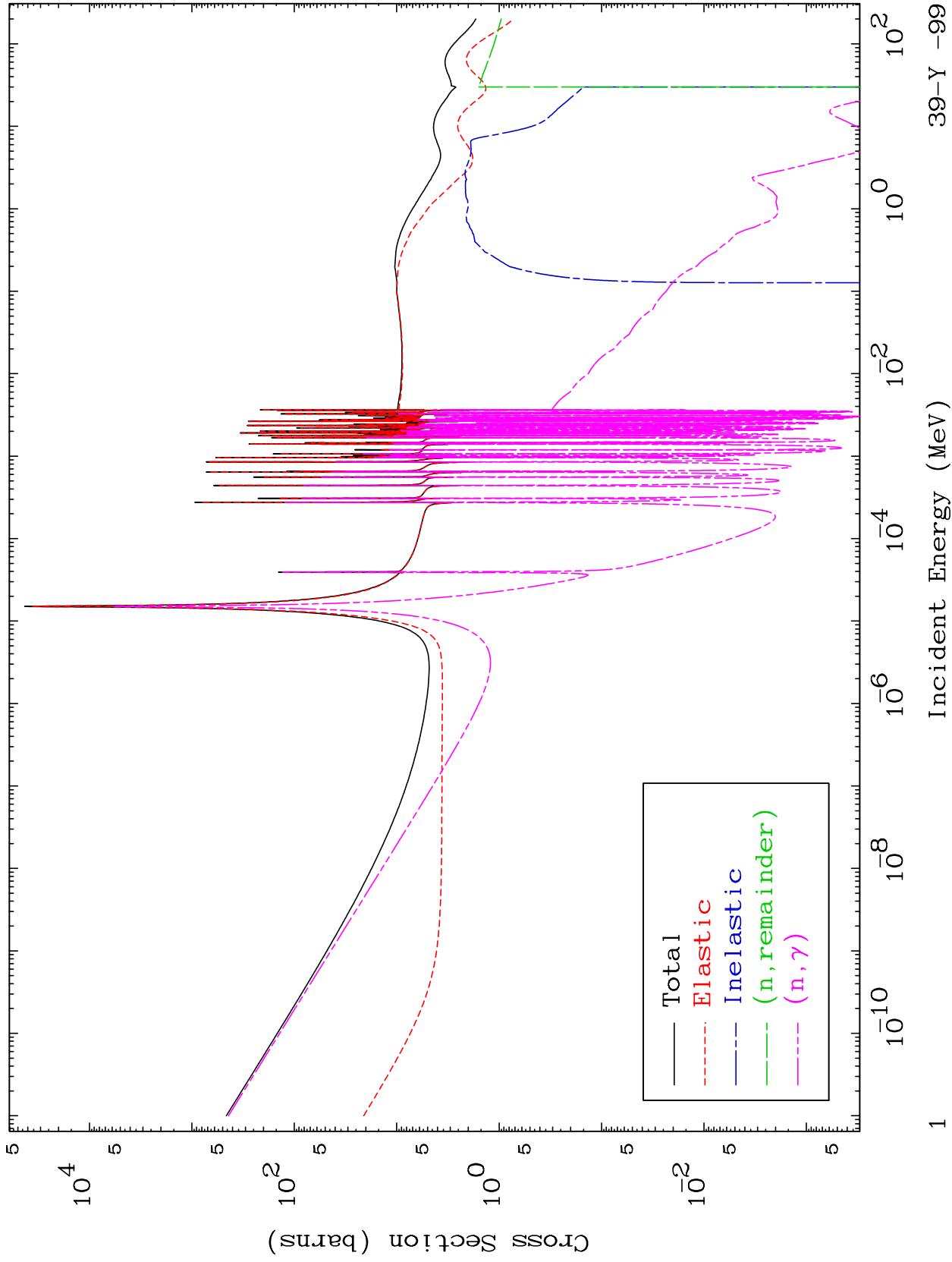
Press Mouse Button to Start

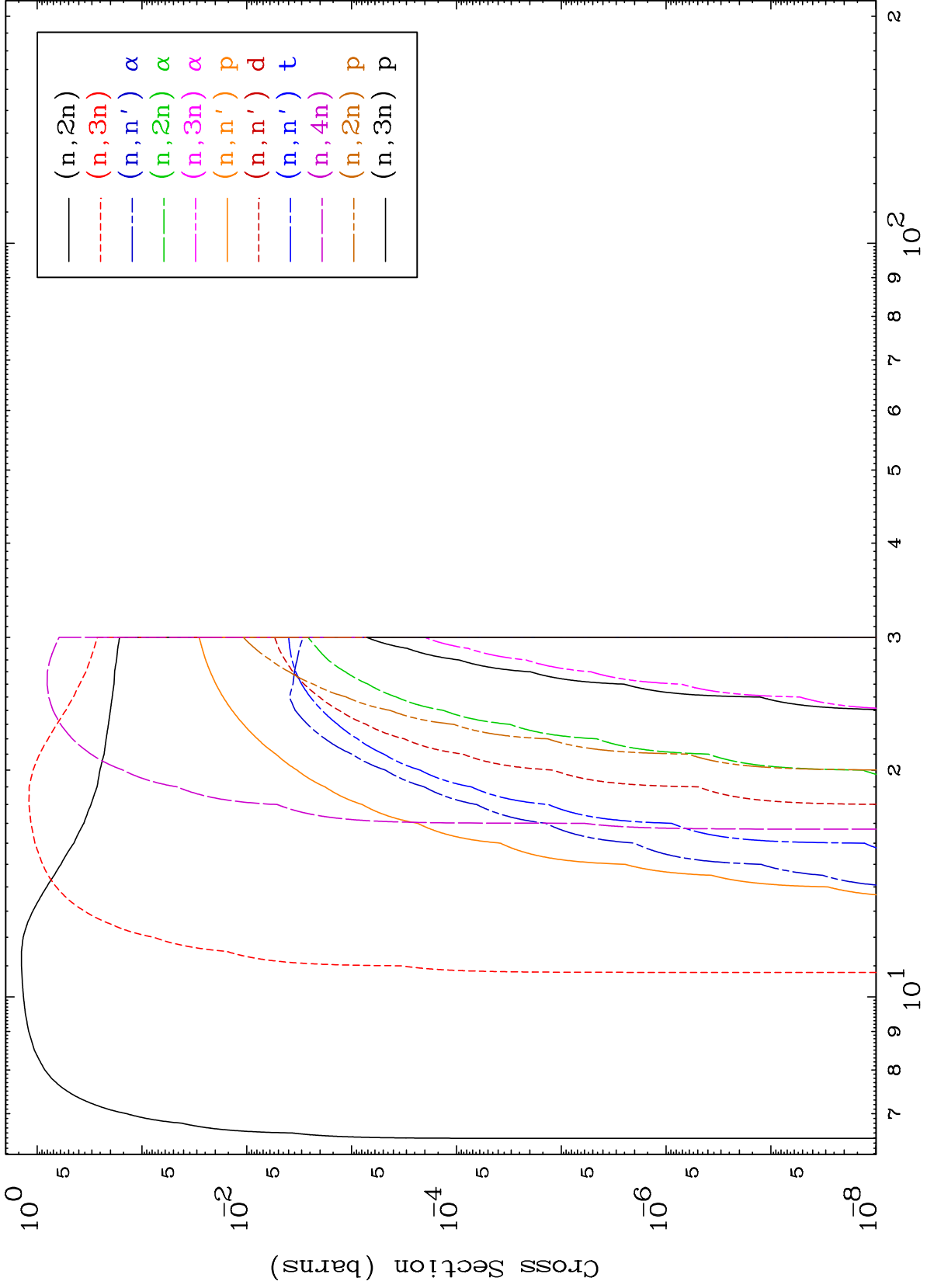
MAT 3955

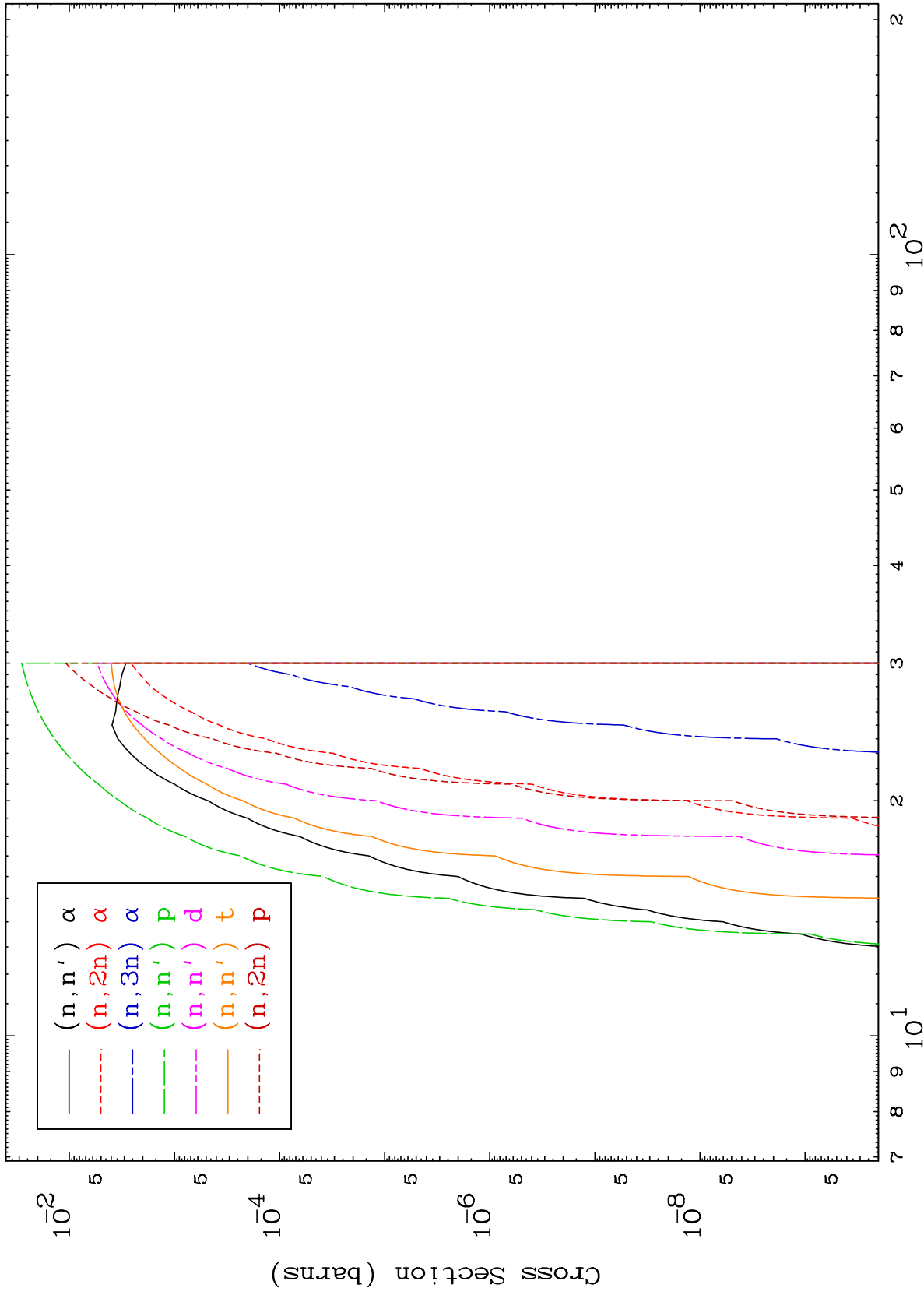
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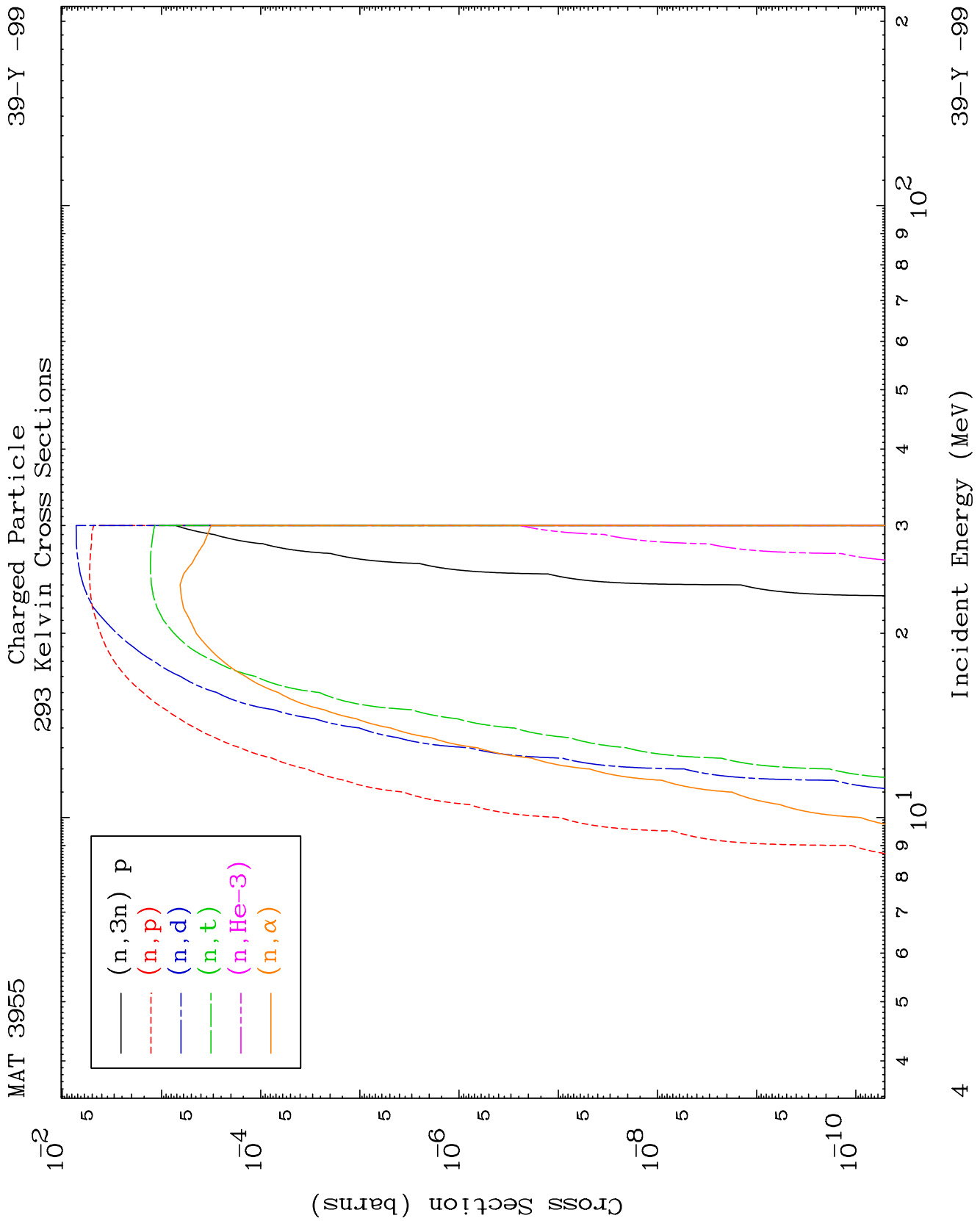
293 Kelvin Cross Sections

39-Y -99





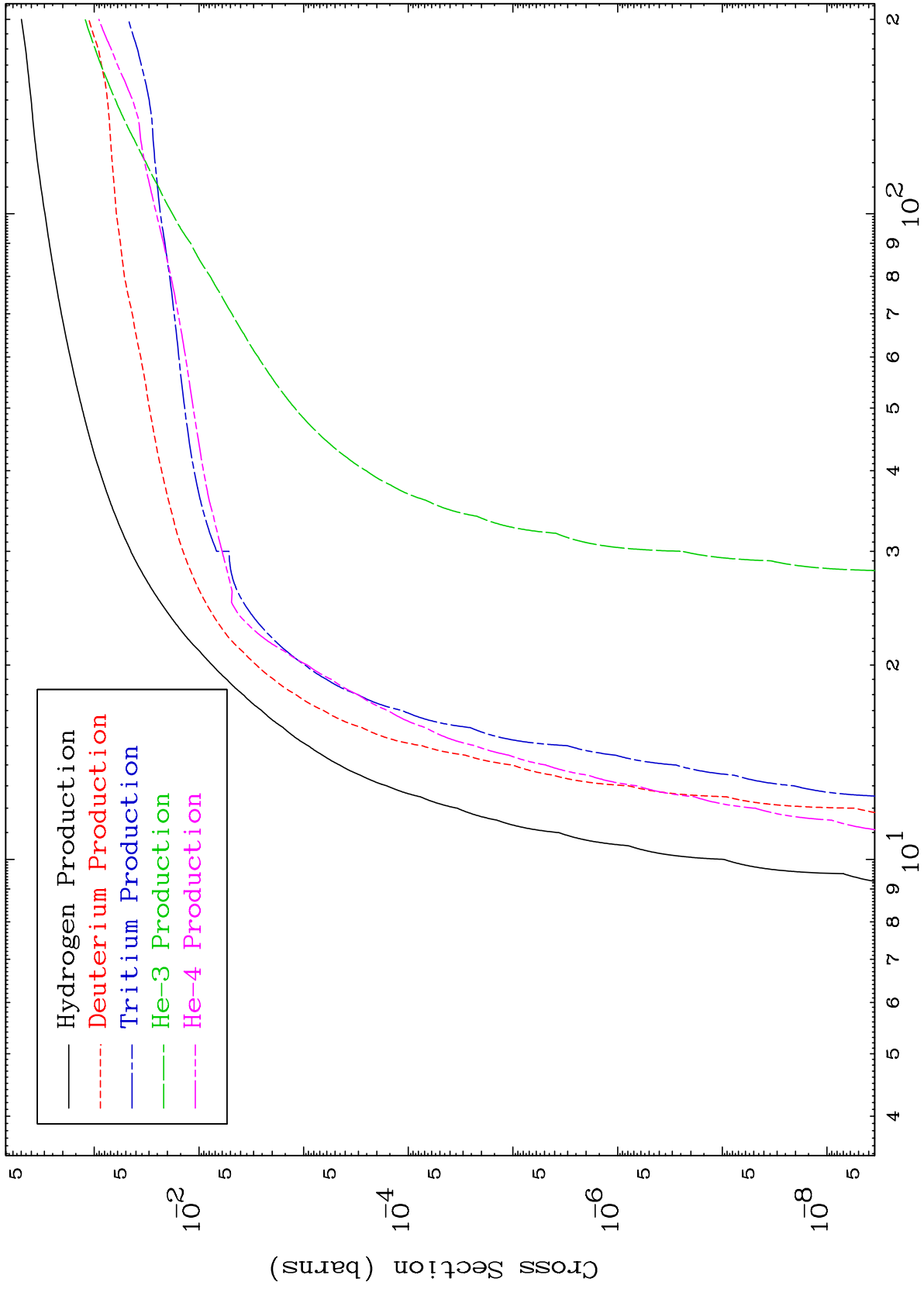




MAT 3955

Particle Production  
293 Kelvin Cross Sections

39-Y -99



5

Incident Energy (MeV)

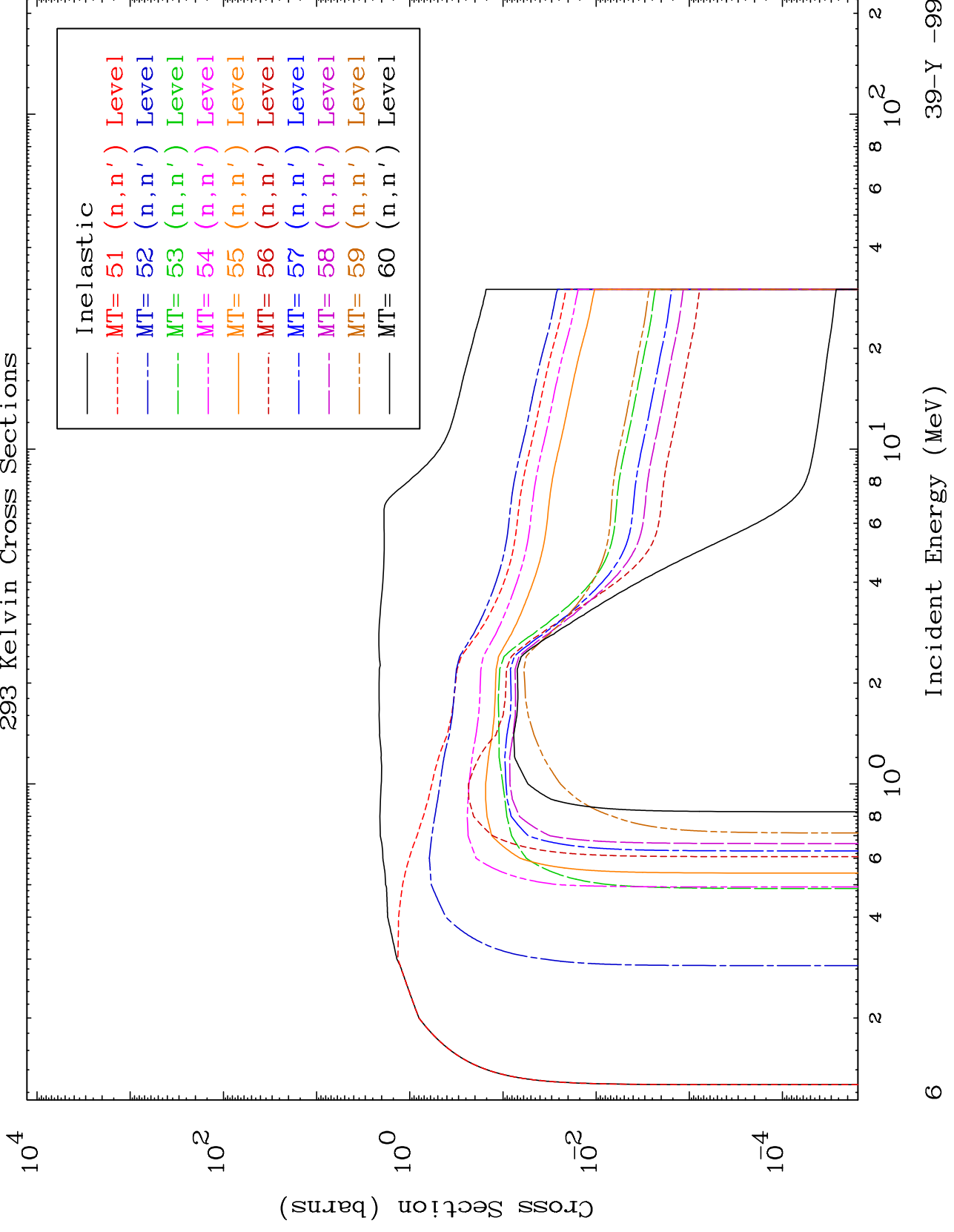
39-Y -99

MAT 3955

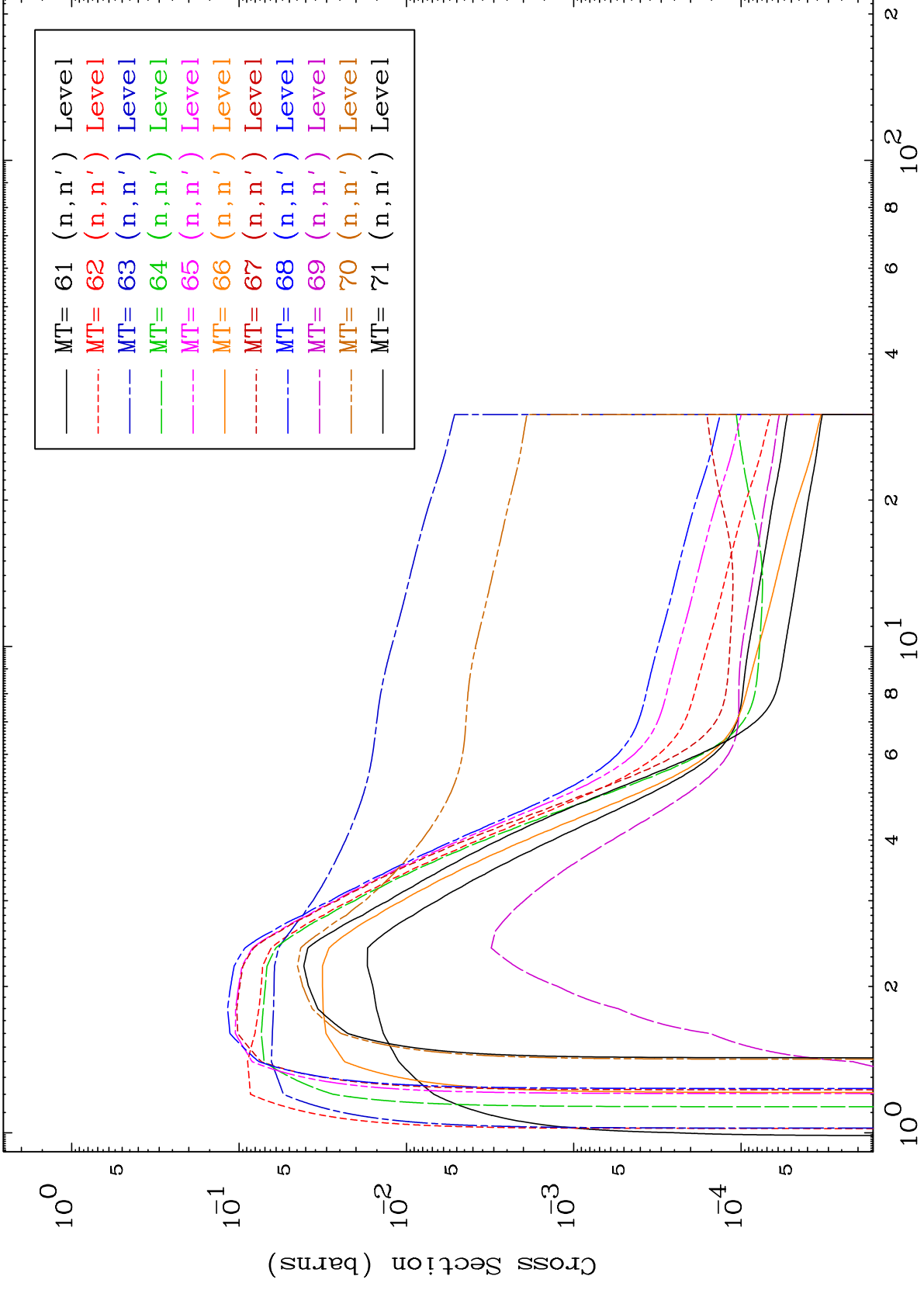
(n,n') Level

39-Y -99

293 Kelvin Cross Sections

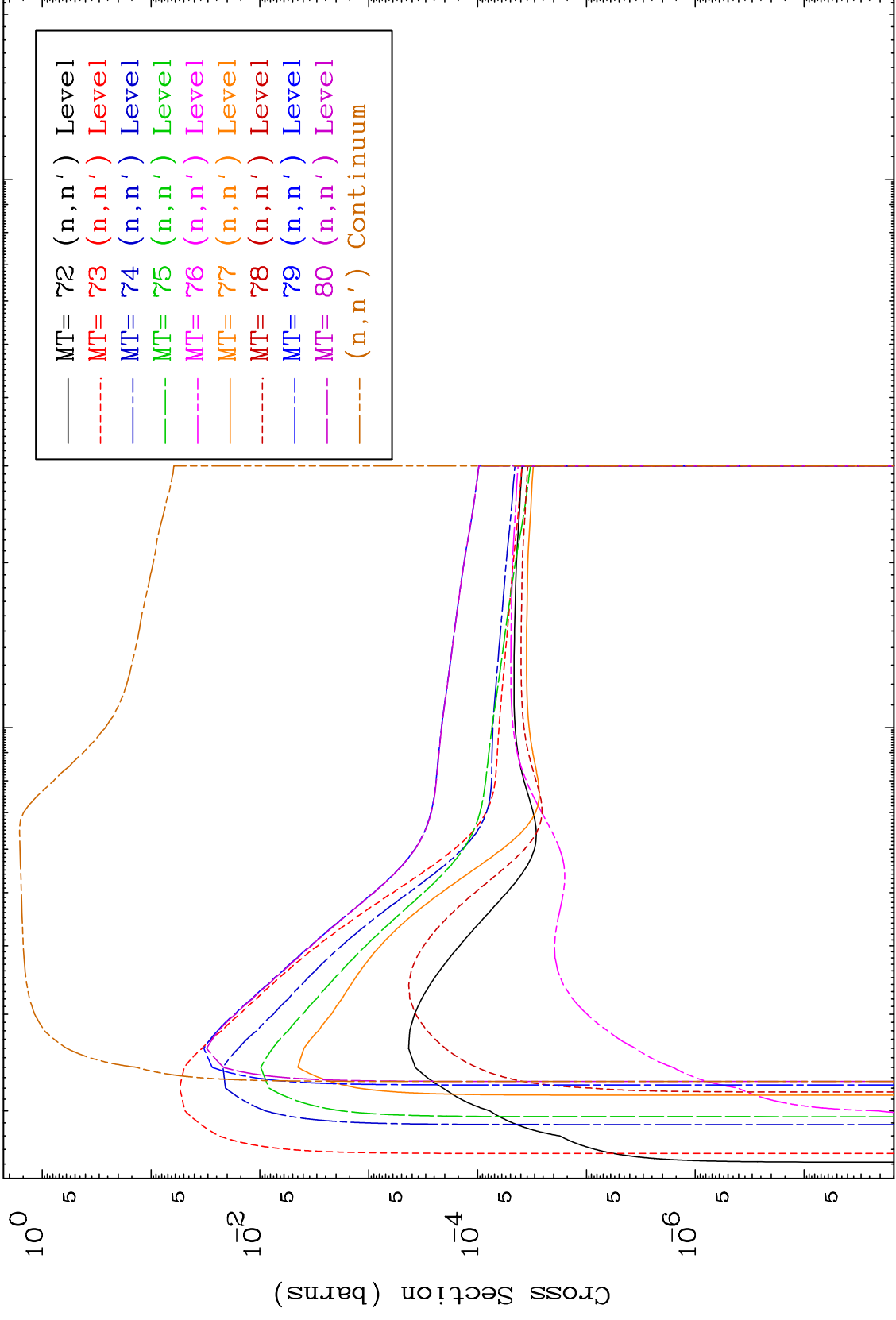


293 Kelvin Cross Sections





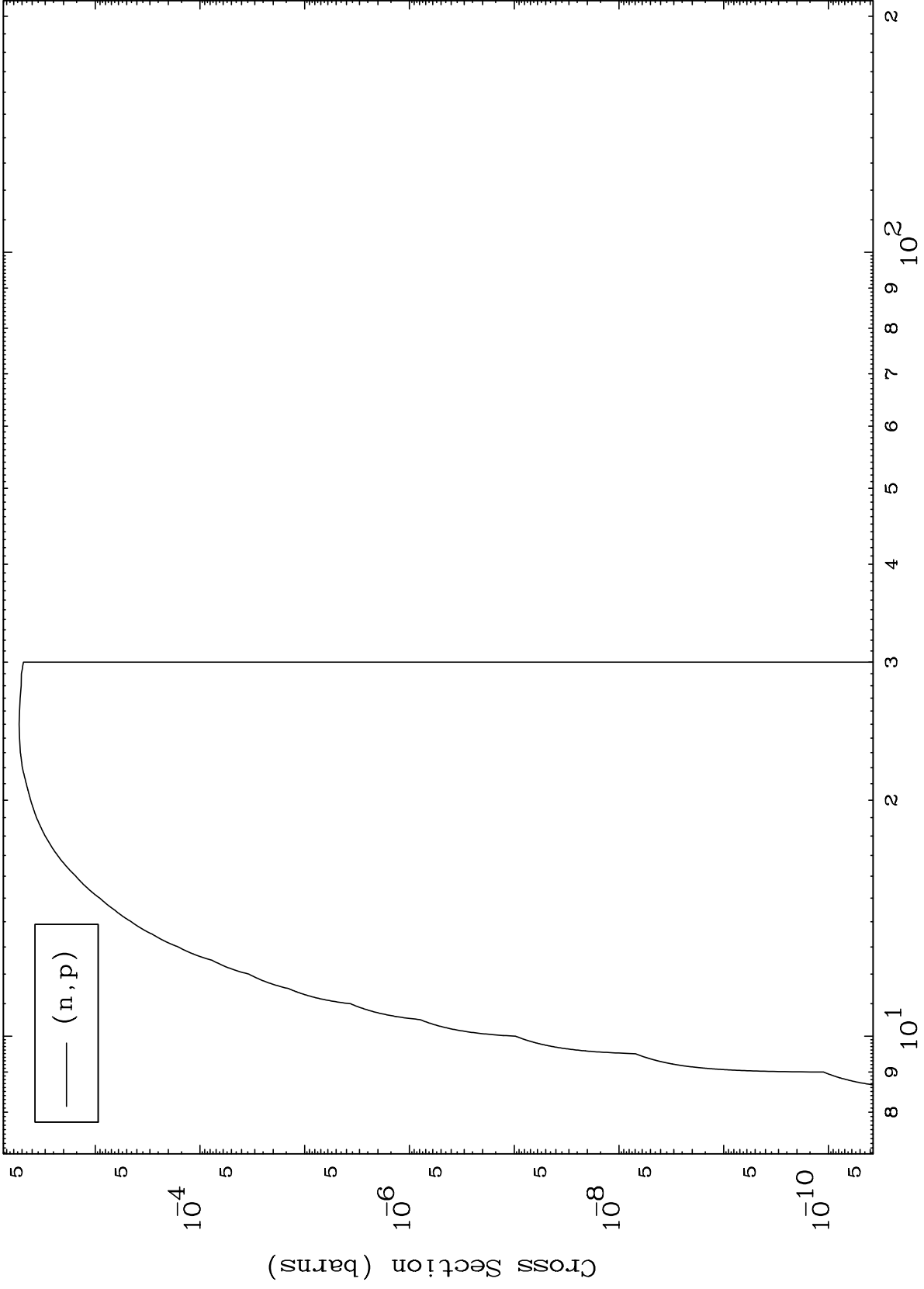
293 Kelvin Cross Sections



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(n,p) Levels  
293 Kelvin Cross Sections

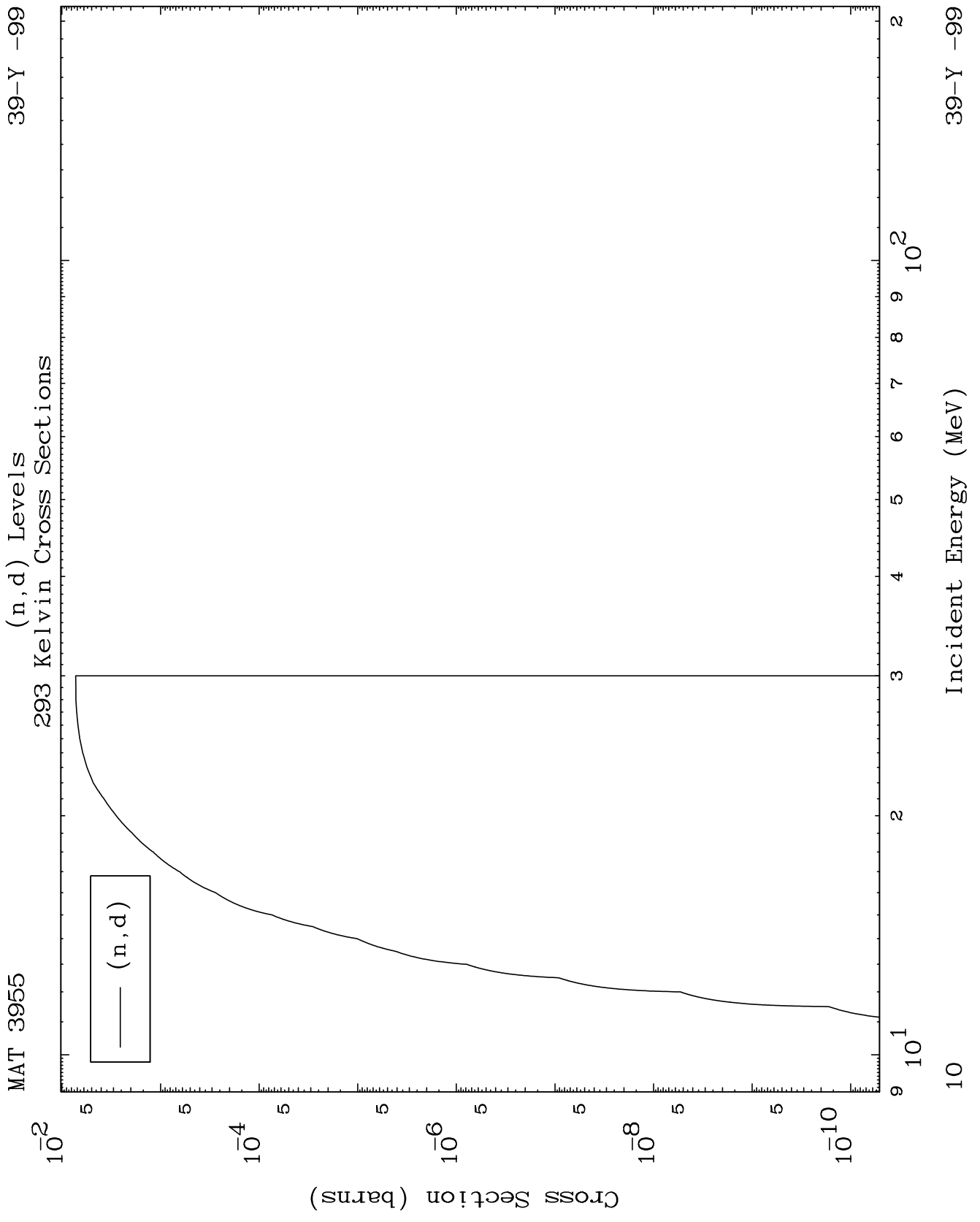
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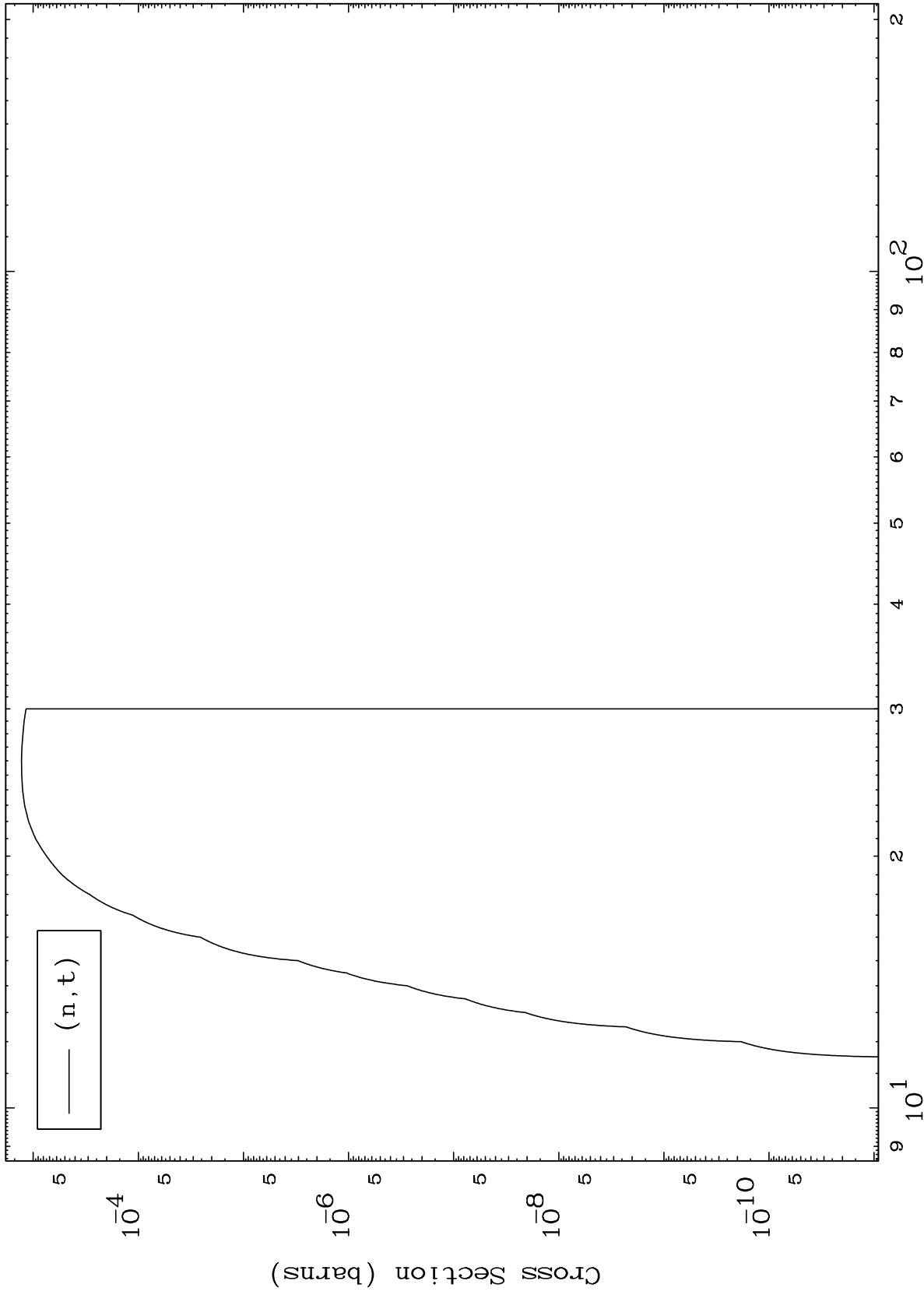


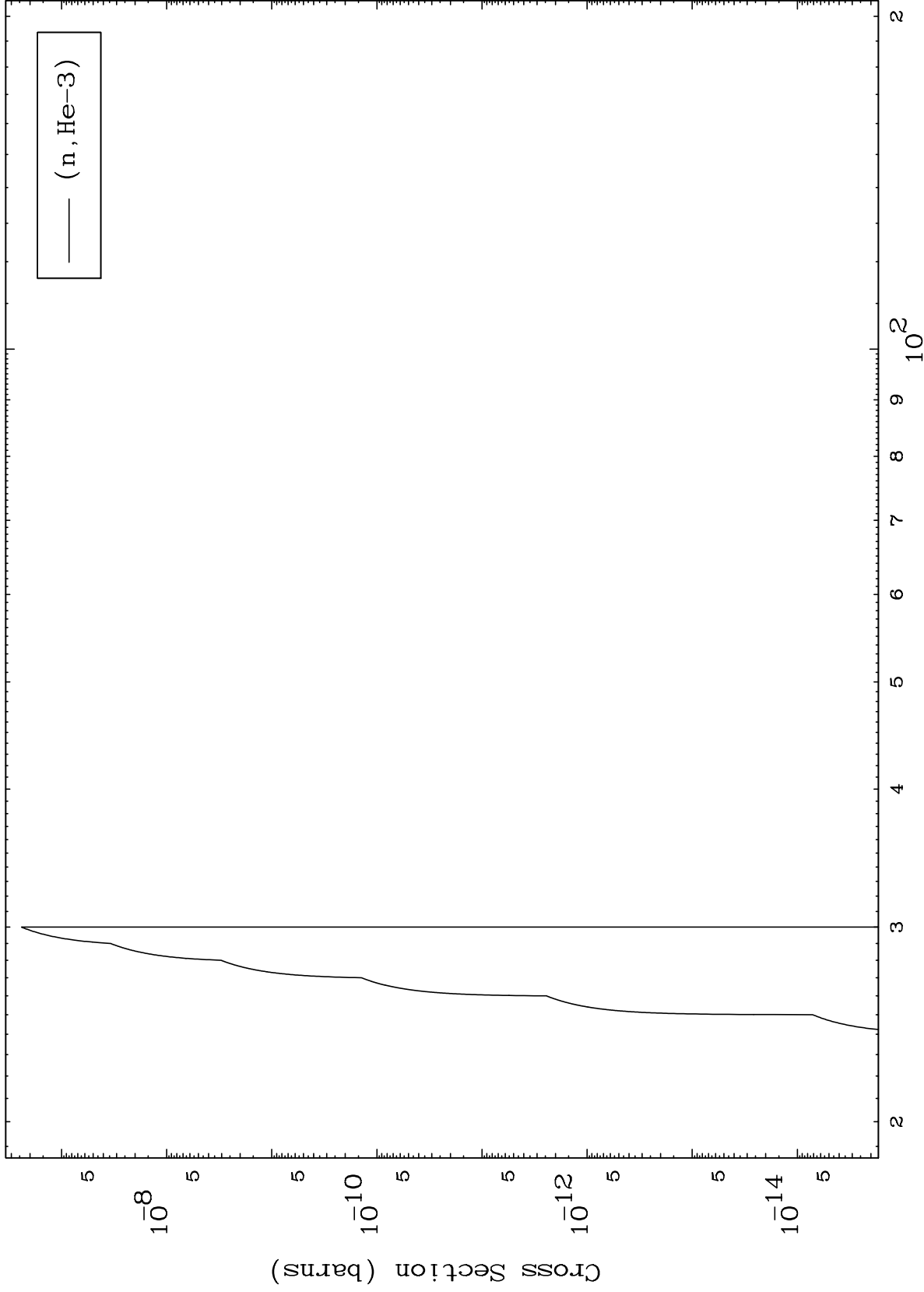
9

Incident Energy (MeV)

39-Y -99



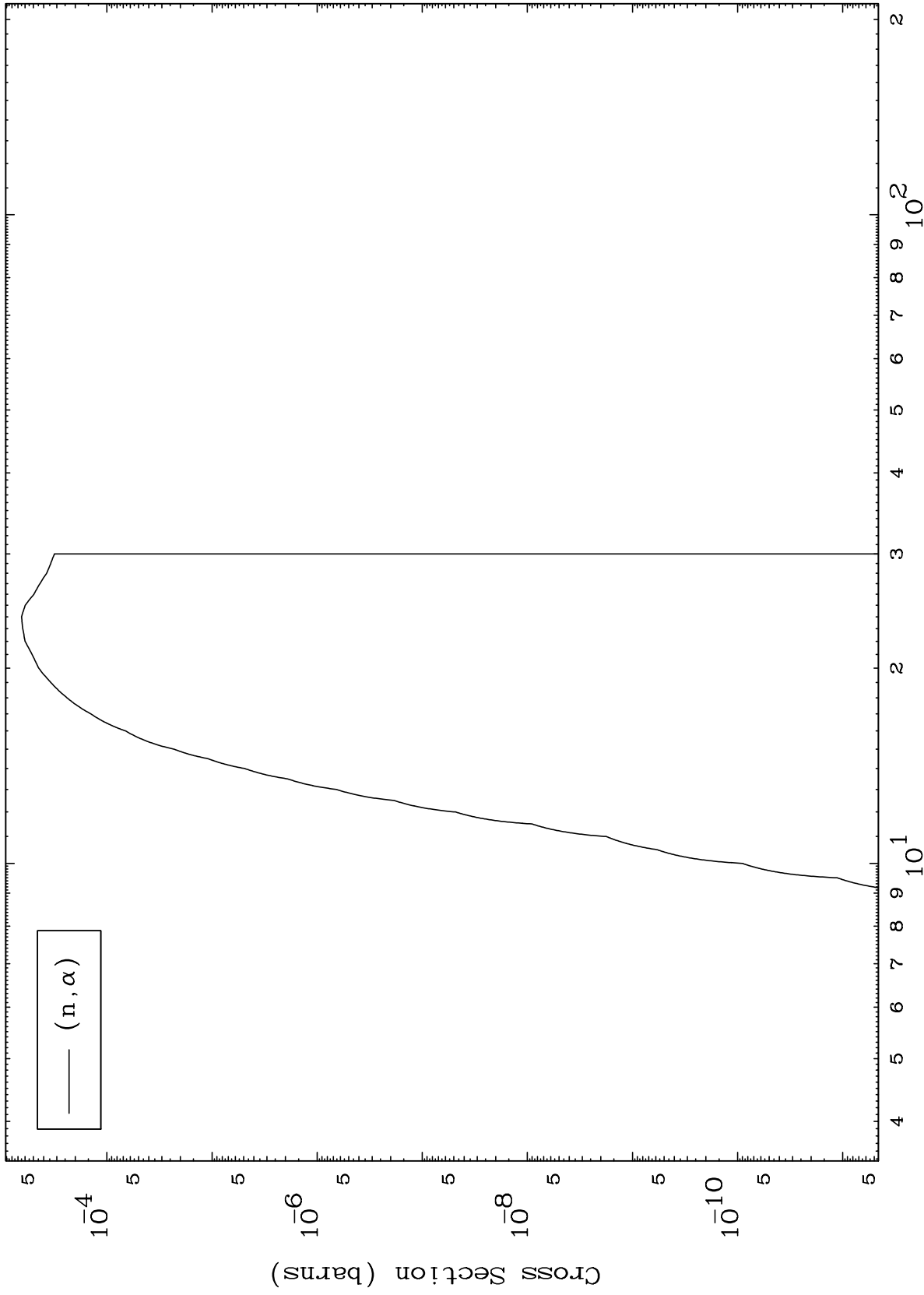




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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

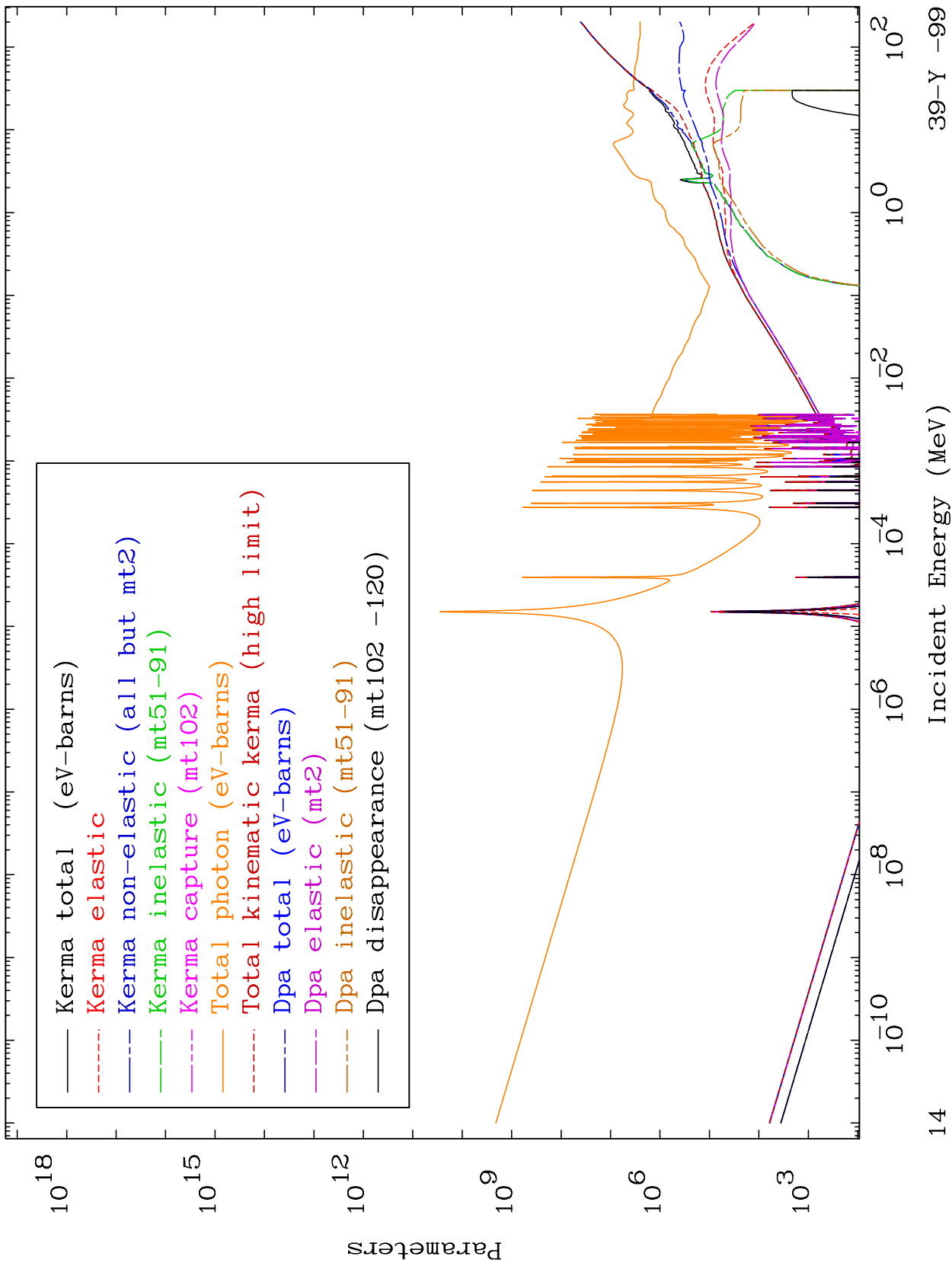
39-Y -99



13

Incident Energy (MeV)

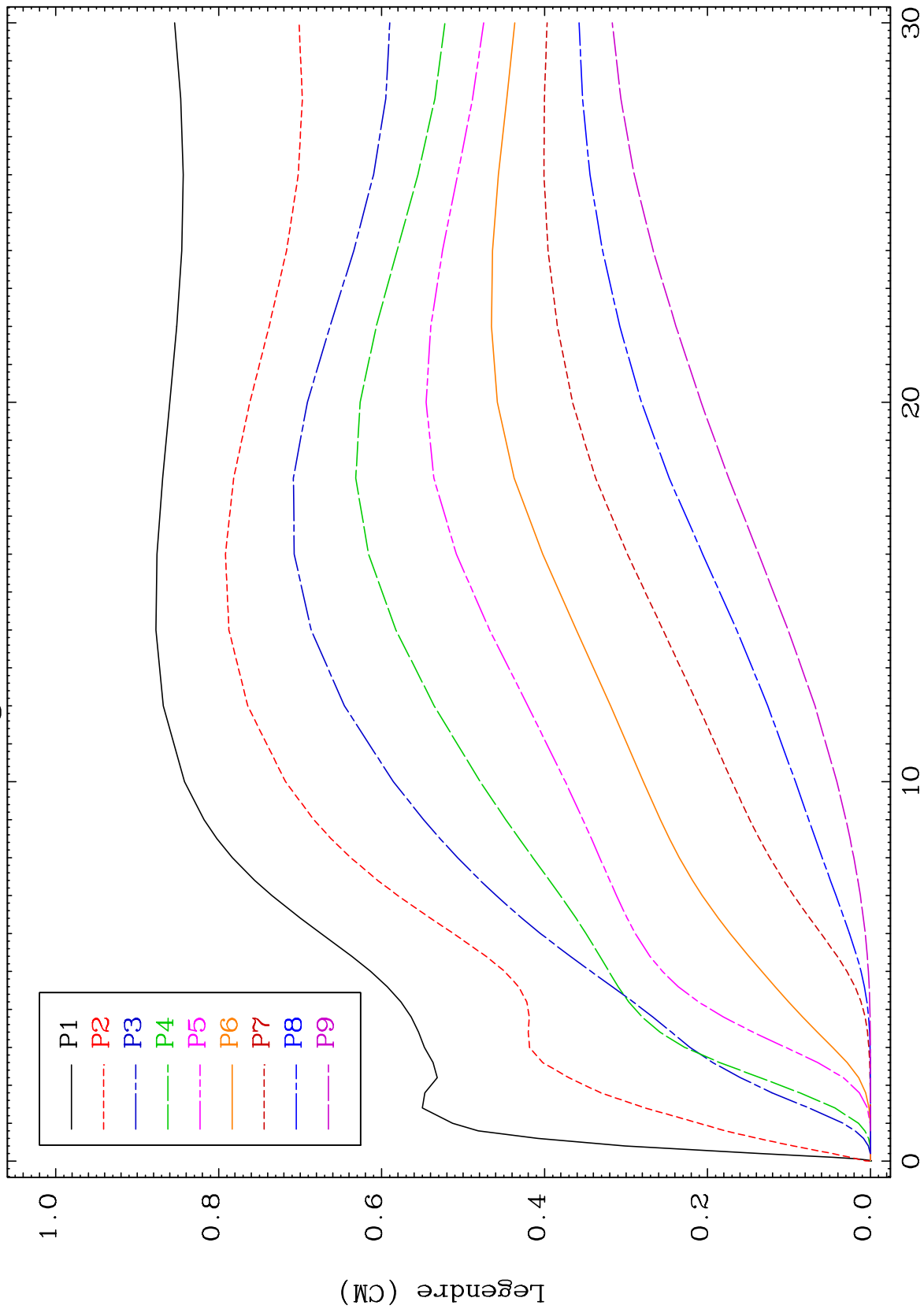
39-Y -99



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Elastic Legendre Coefficients

39-Y -99



15

Incident Energy (MeV)

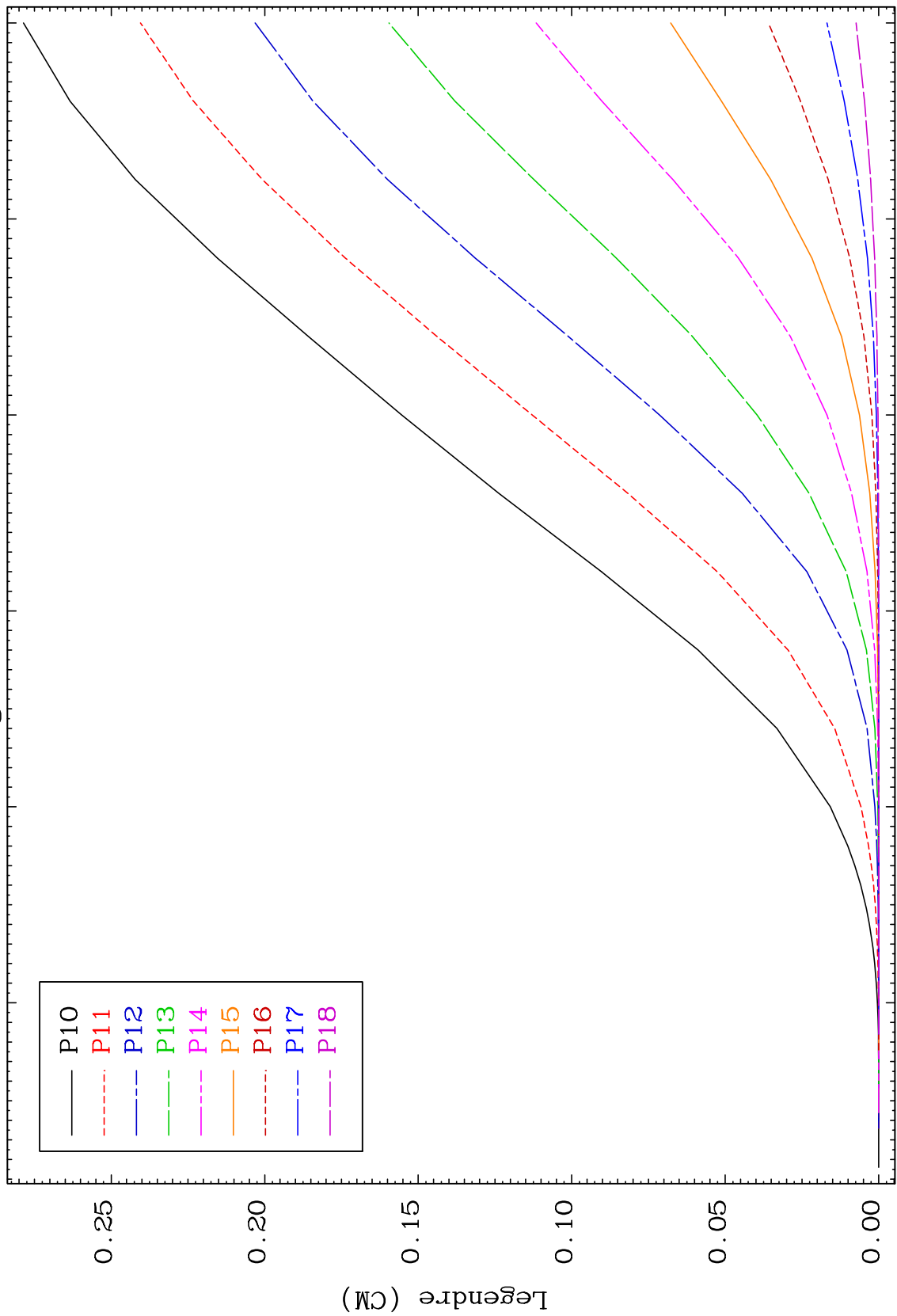
39-Y -99



MAT 3955

### Elastic Legendre Coefficients

39-Y -99



16

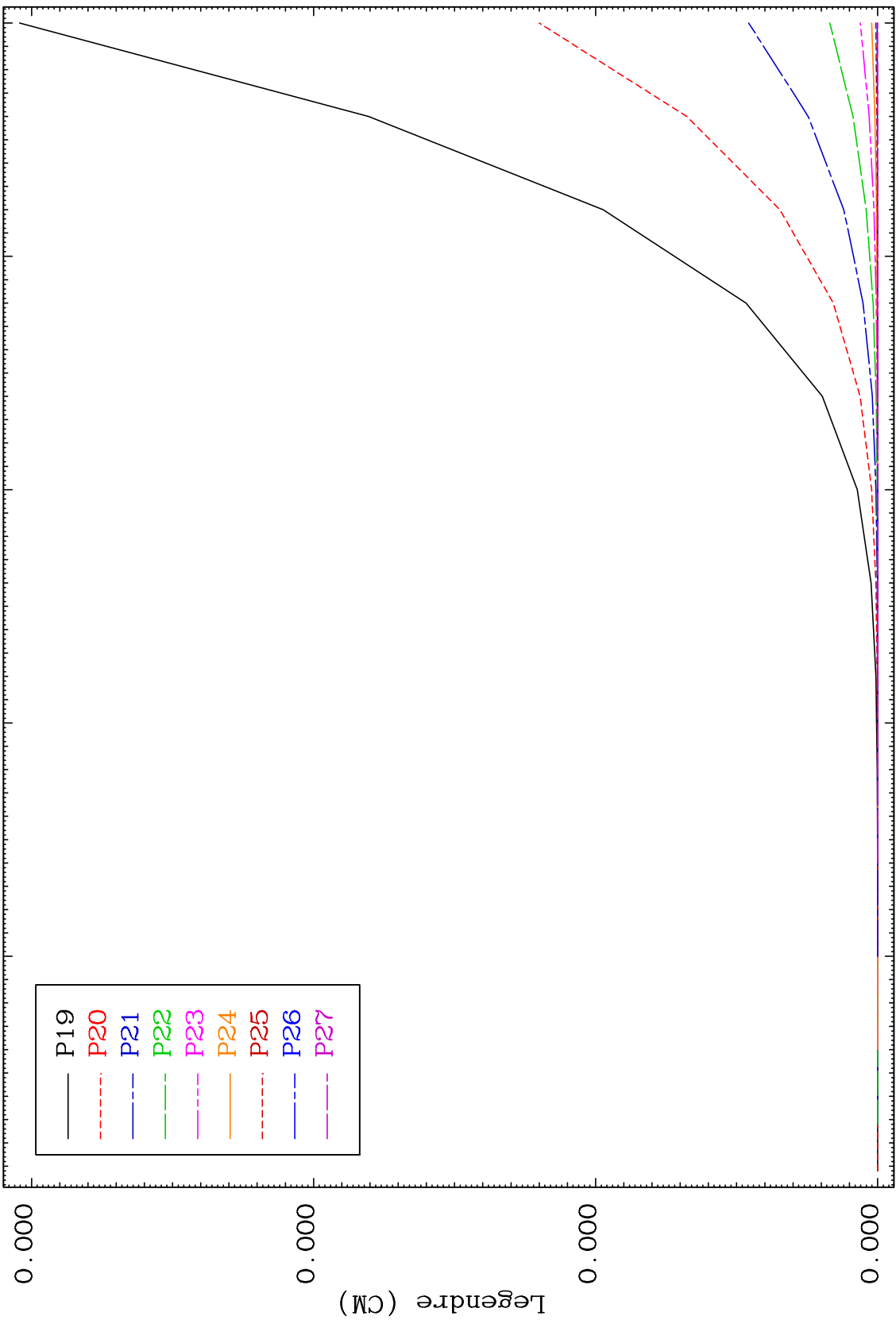
Incident Energy (MeV)

39-Y -99

MAT 3955

### Elastic Legendre Coefficients

39-Y -99



17

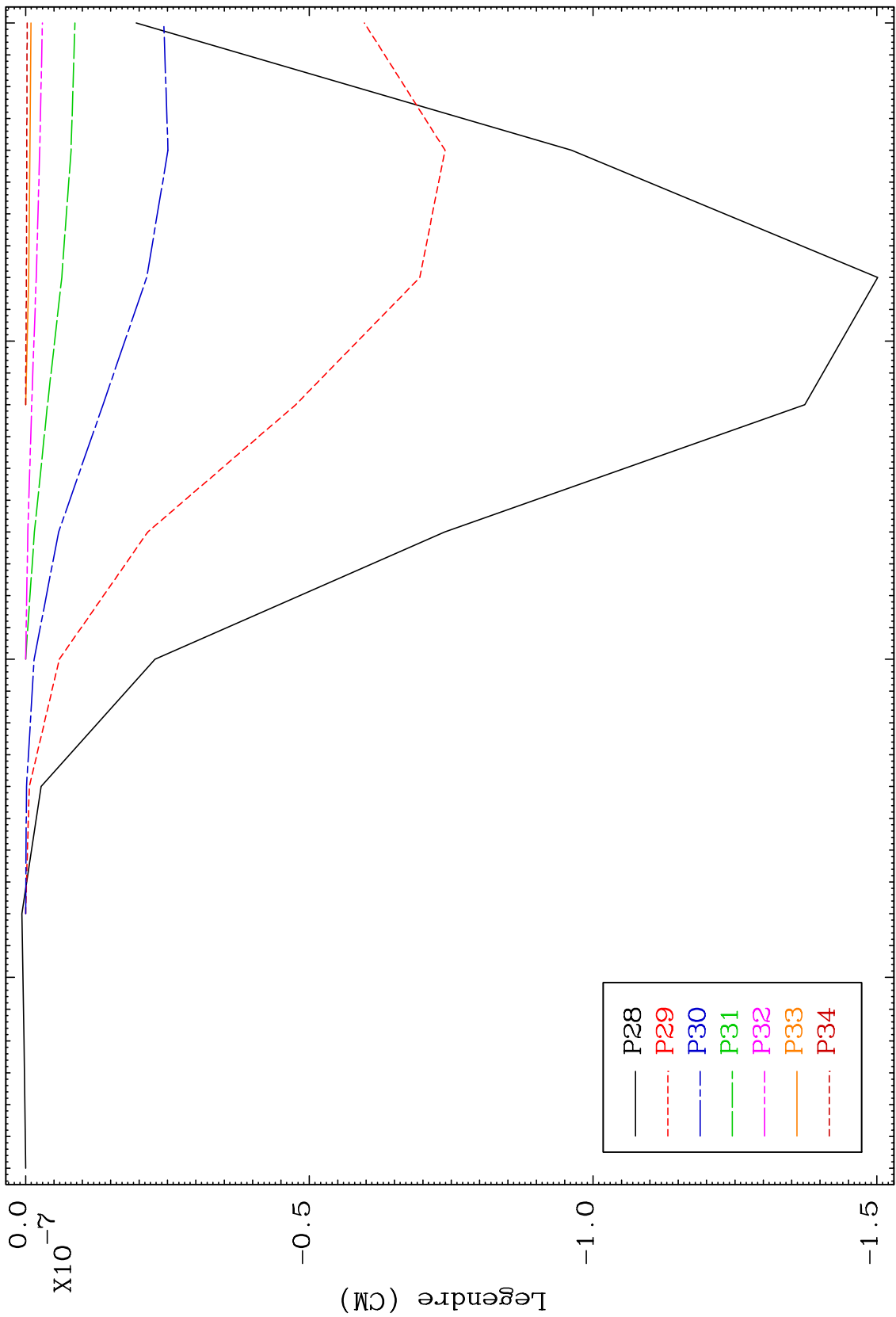
Incident Energy (MeV)

39-Y -99

MAT 3955

39-Y -99

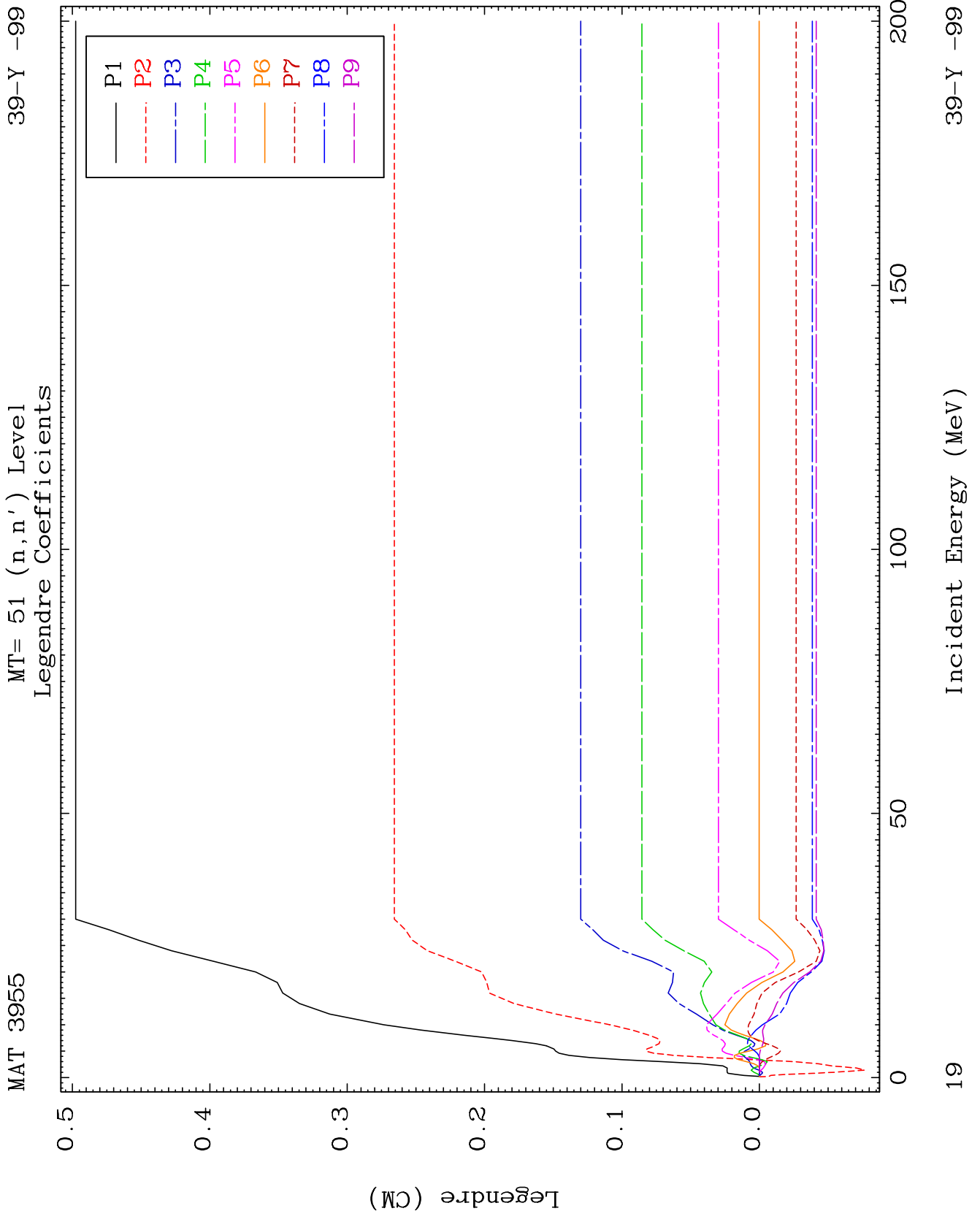
Elastic Legendre Coefficients



18

Incident Energy (MeV)

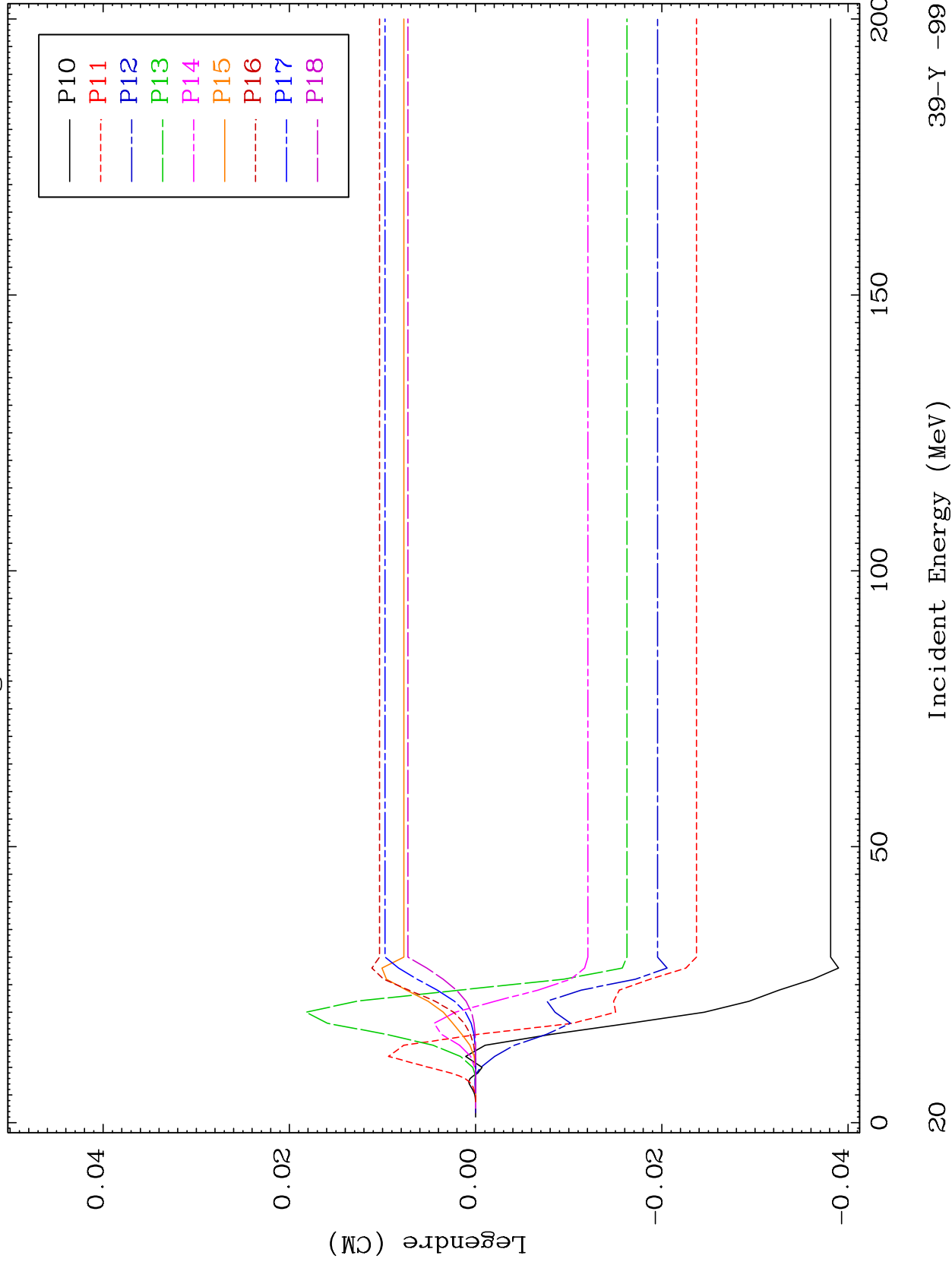
39-Y -99



MAT 3955

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

39-Y -99



39-Y -99

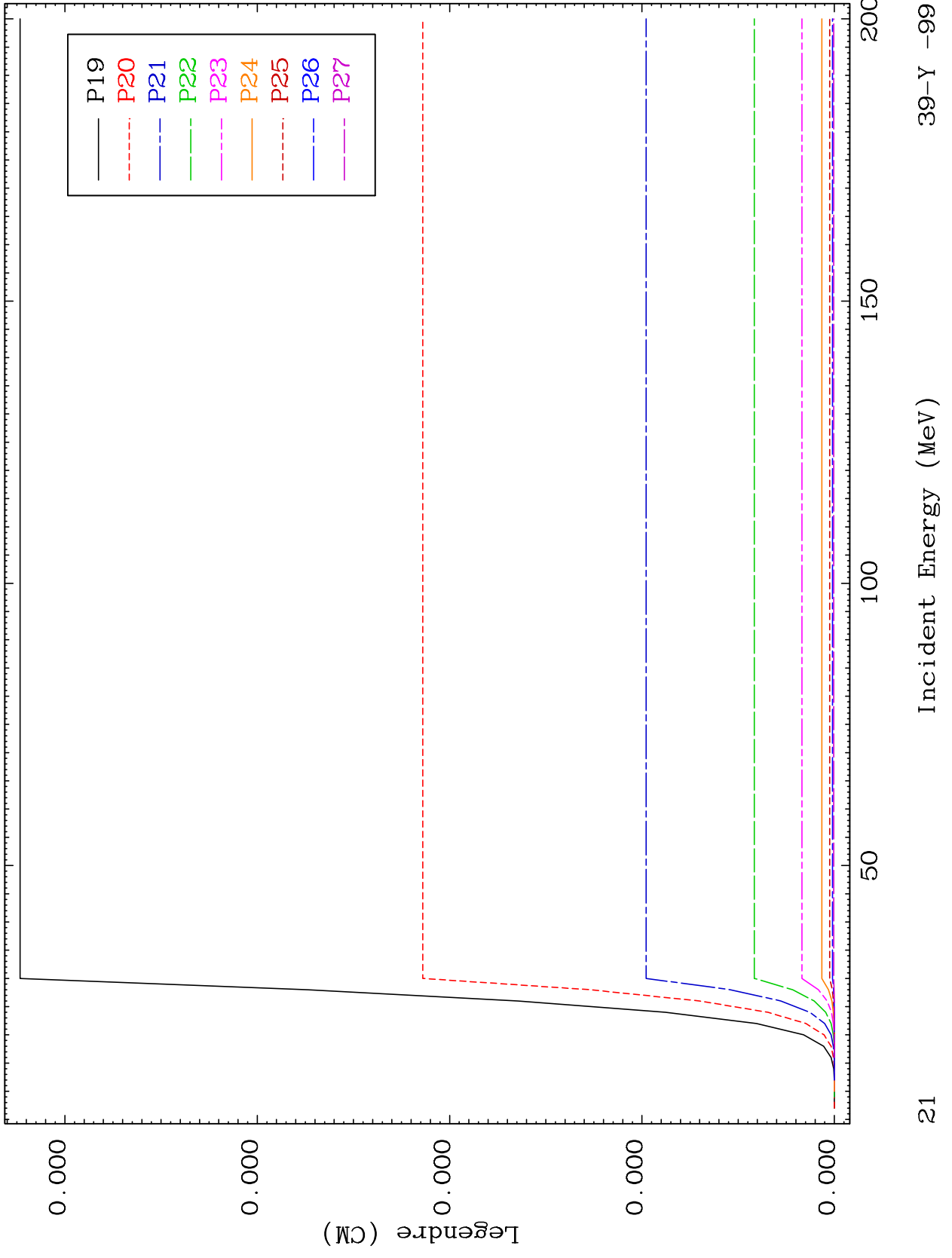
Incident Energy (MeV)

20

MAT 3955

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

39-Y -99



21

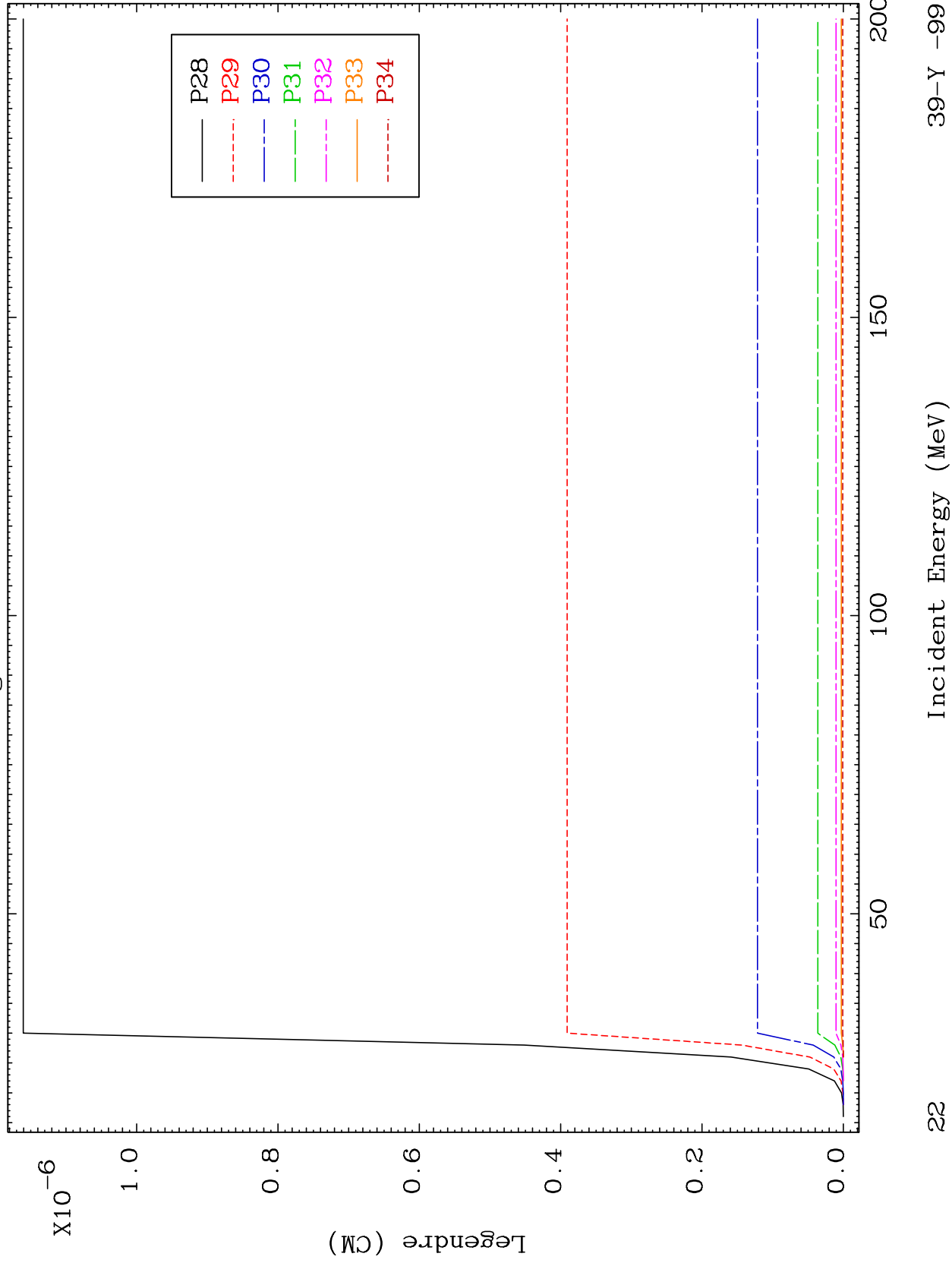
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



22

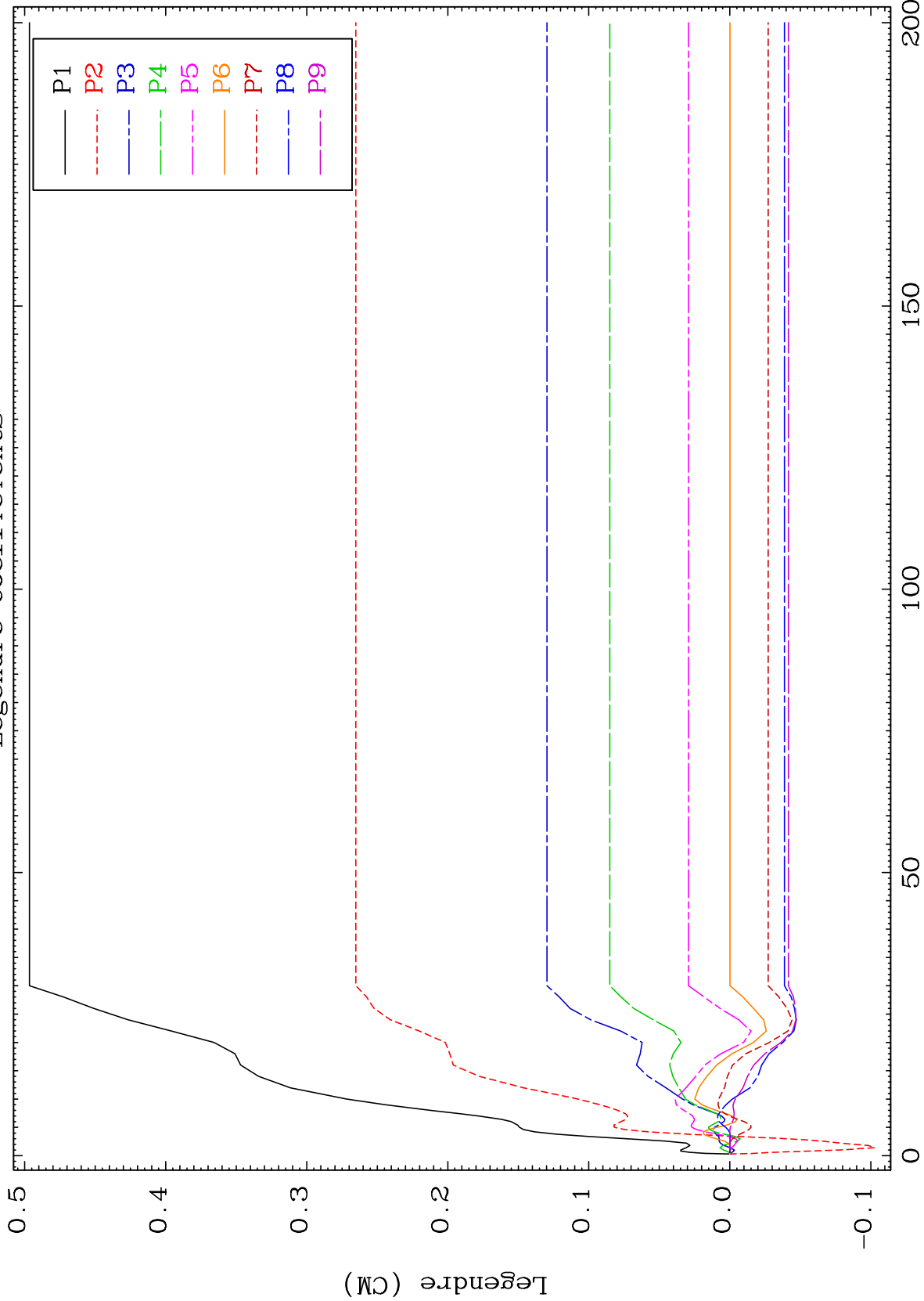
39-Y -99

MAT 3955

MT= 52 (n,n') Level

39-Y -99

Legendre Coefficients



23

Incident Energy (MeV)

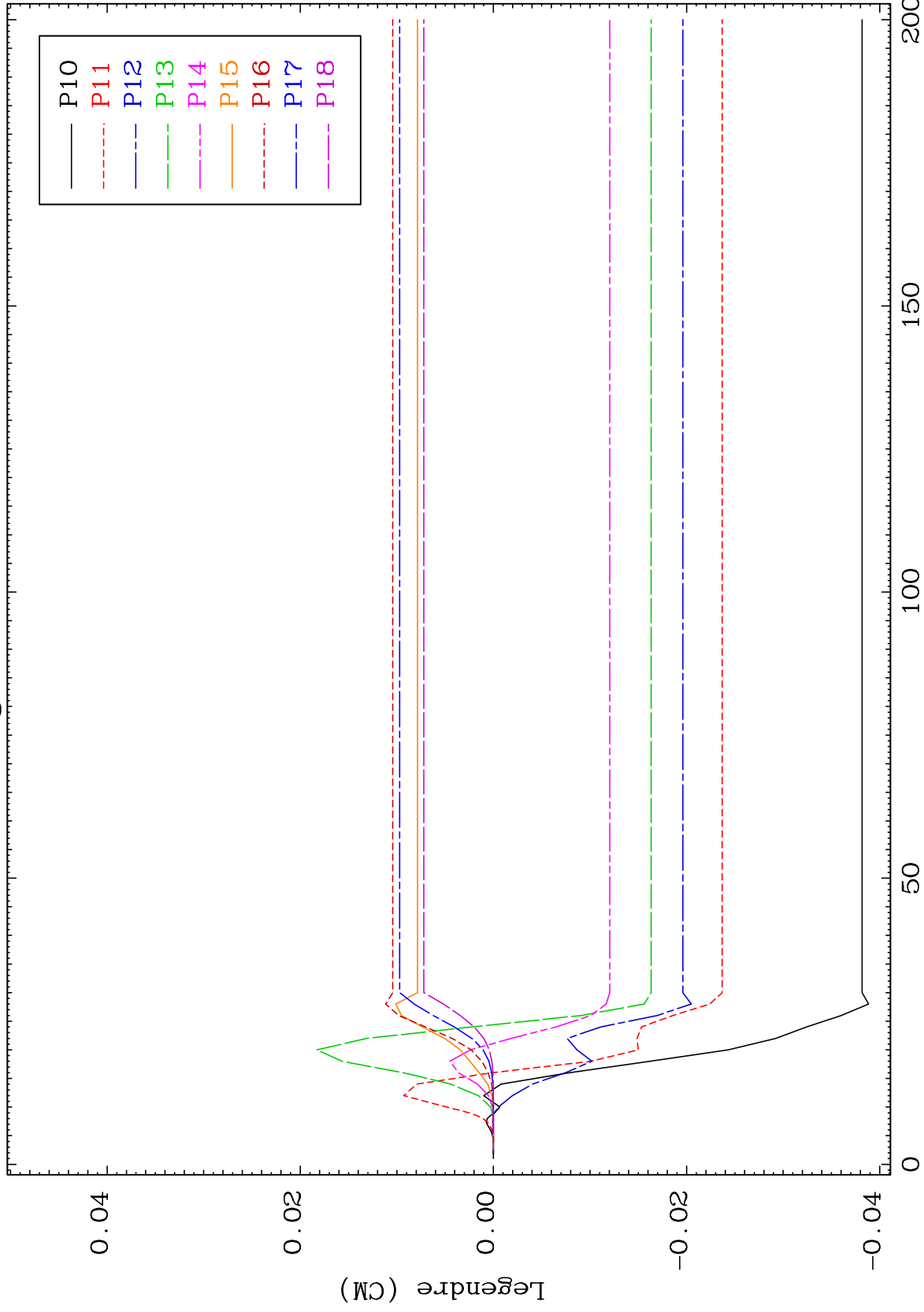
39-Y -99



MAT 3955

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

39-Y -99



24

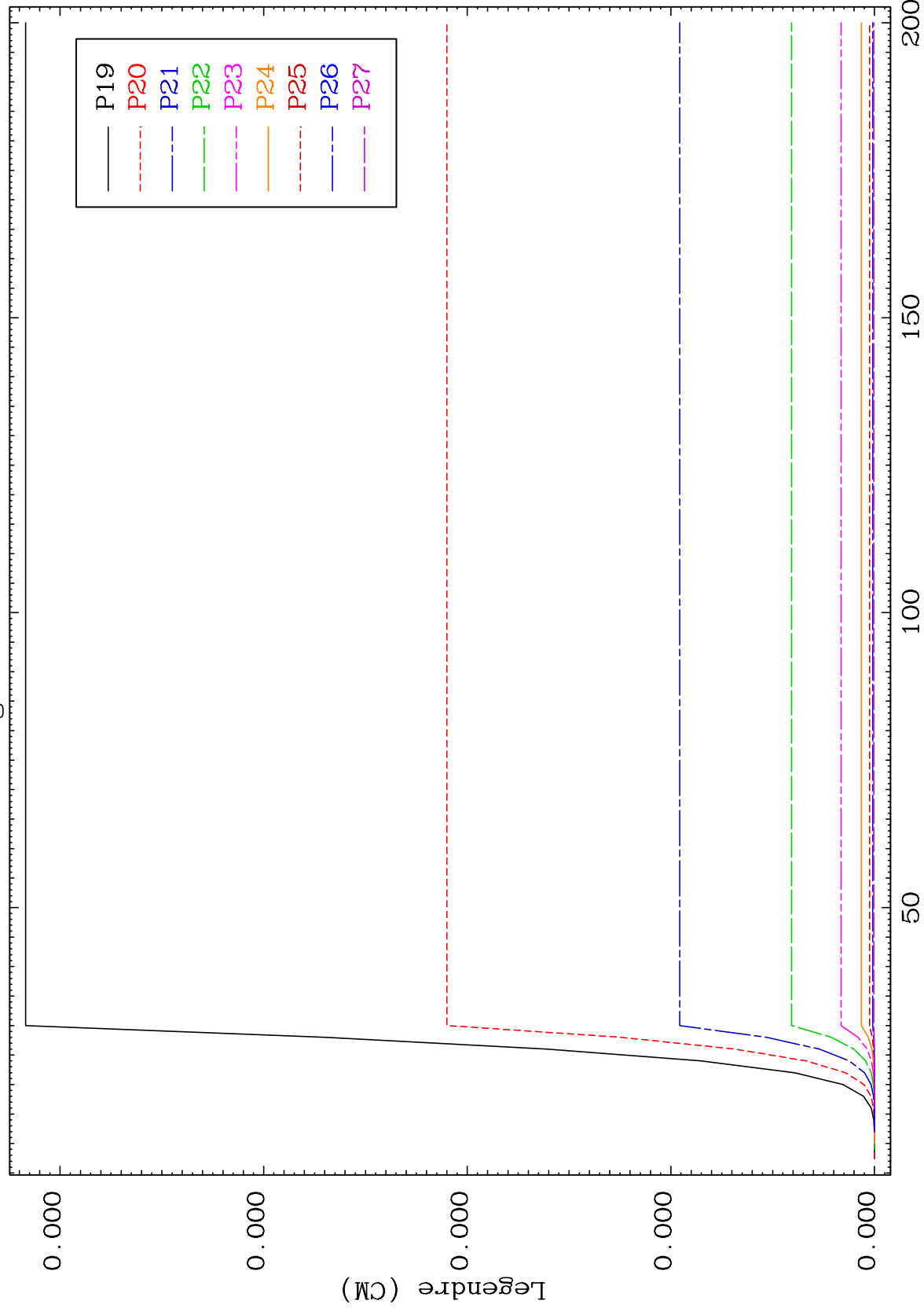
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



25

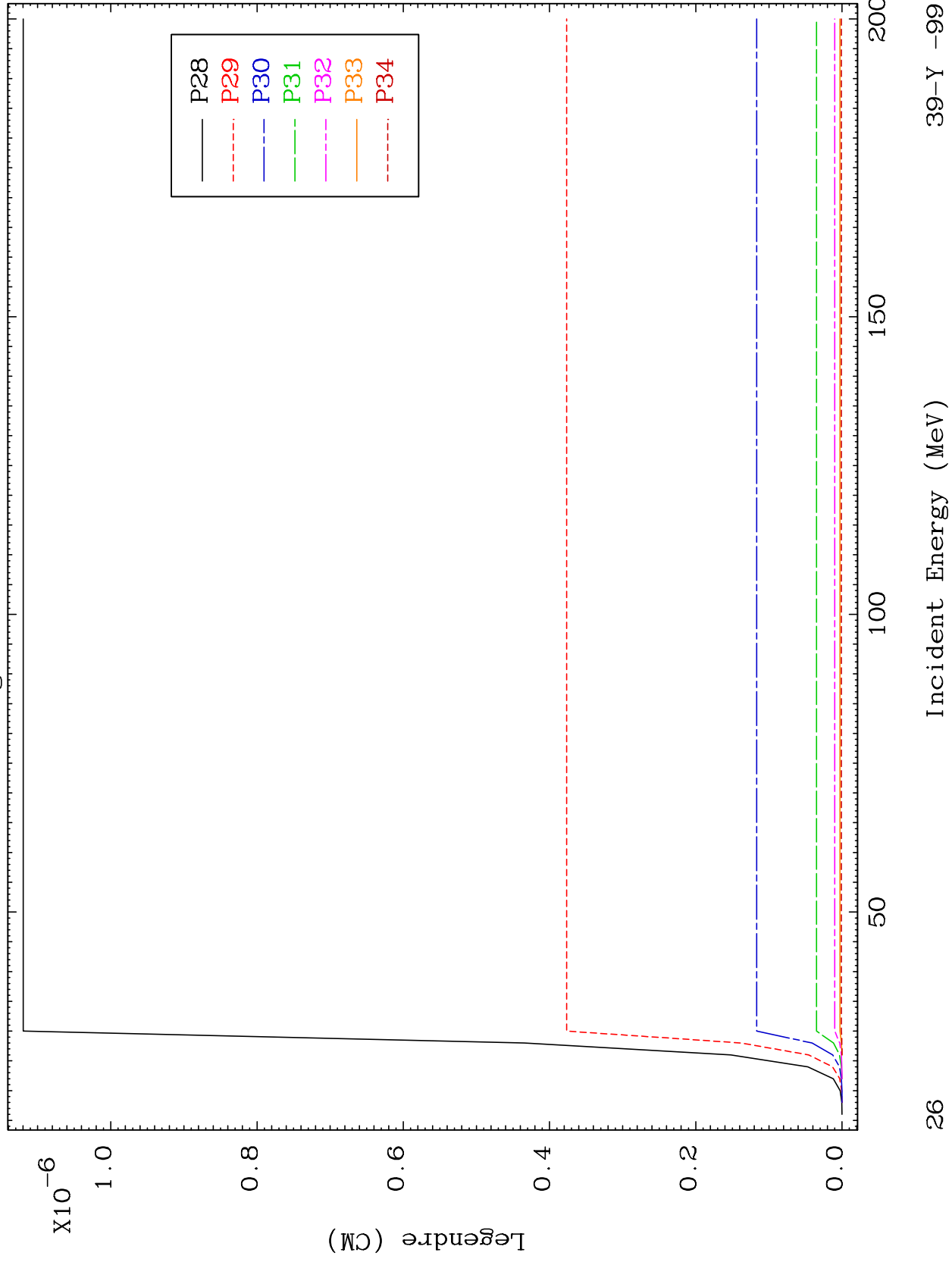
Incident Energy (MeV)

39-Y -99

MAT 3955

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

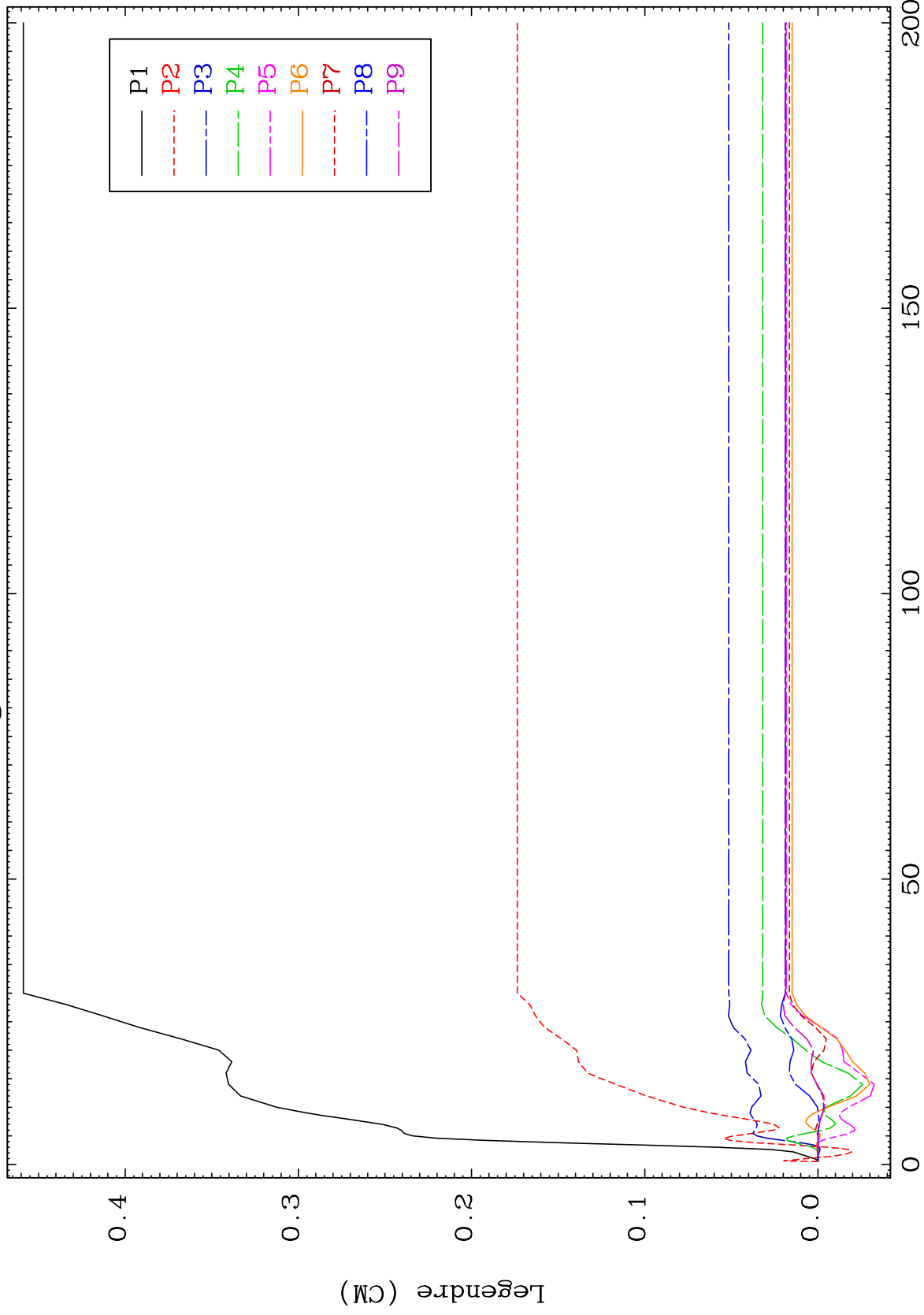
39-Y -99



MAT 3955

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

39-Y -99



27

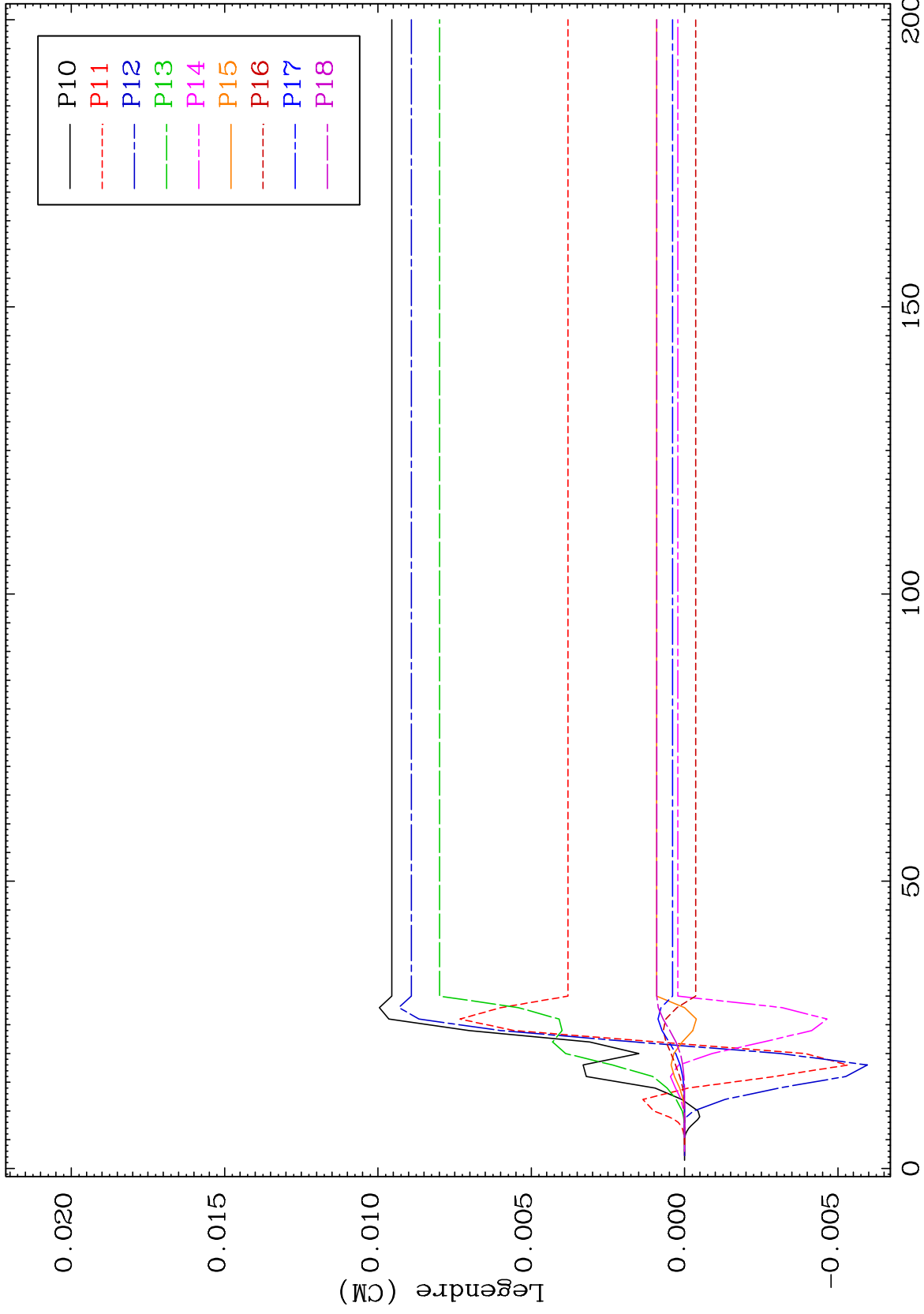
Incident Energy (MeV)

39-Y -99

MAT 3955

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

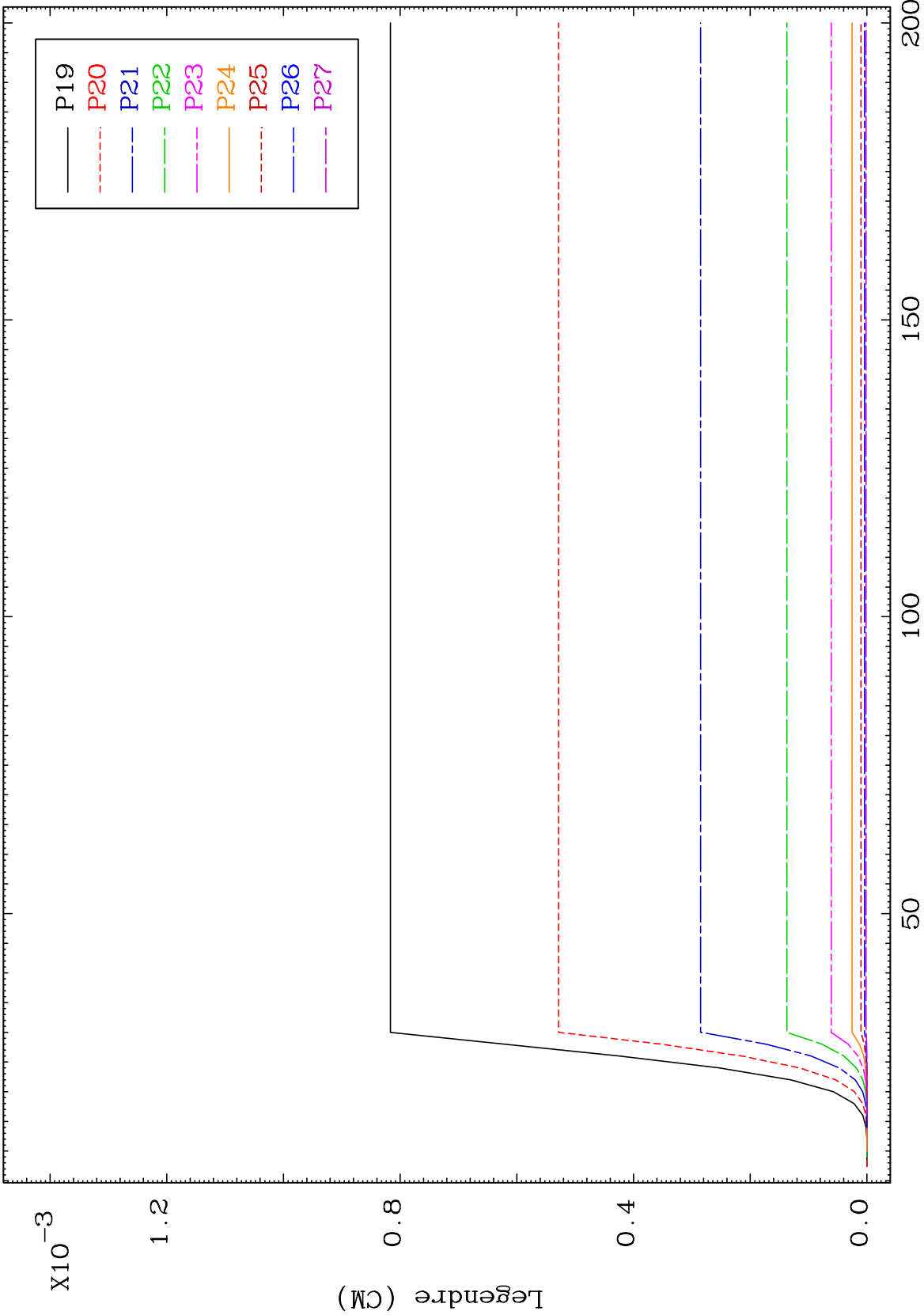
39-Y -99



28

Incident Energy (MeV)

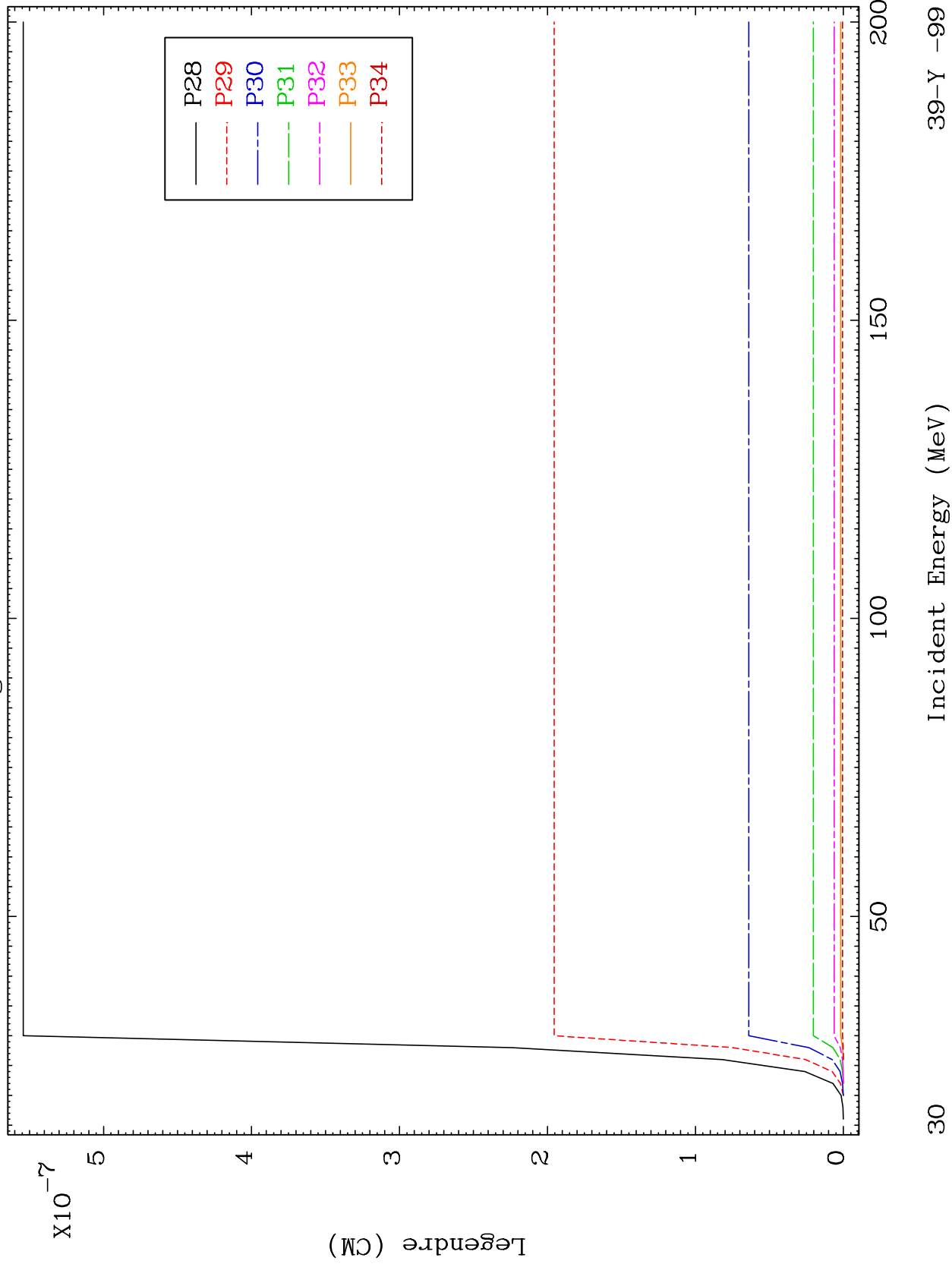
39-Y -99

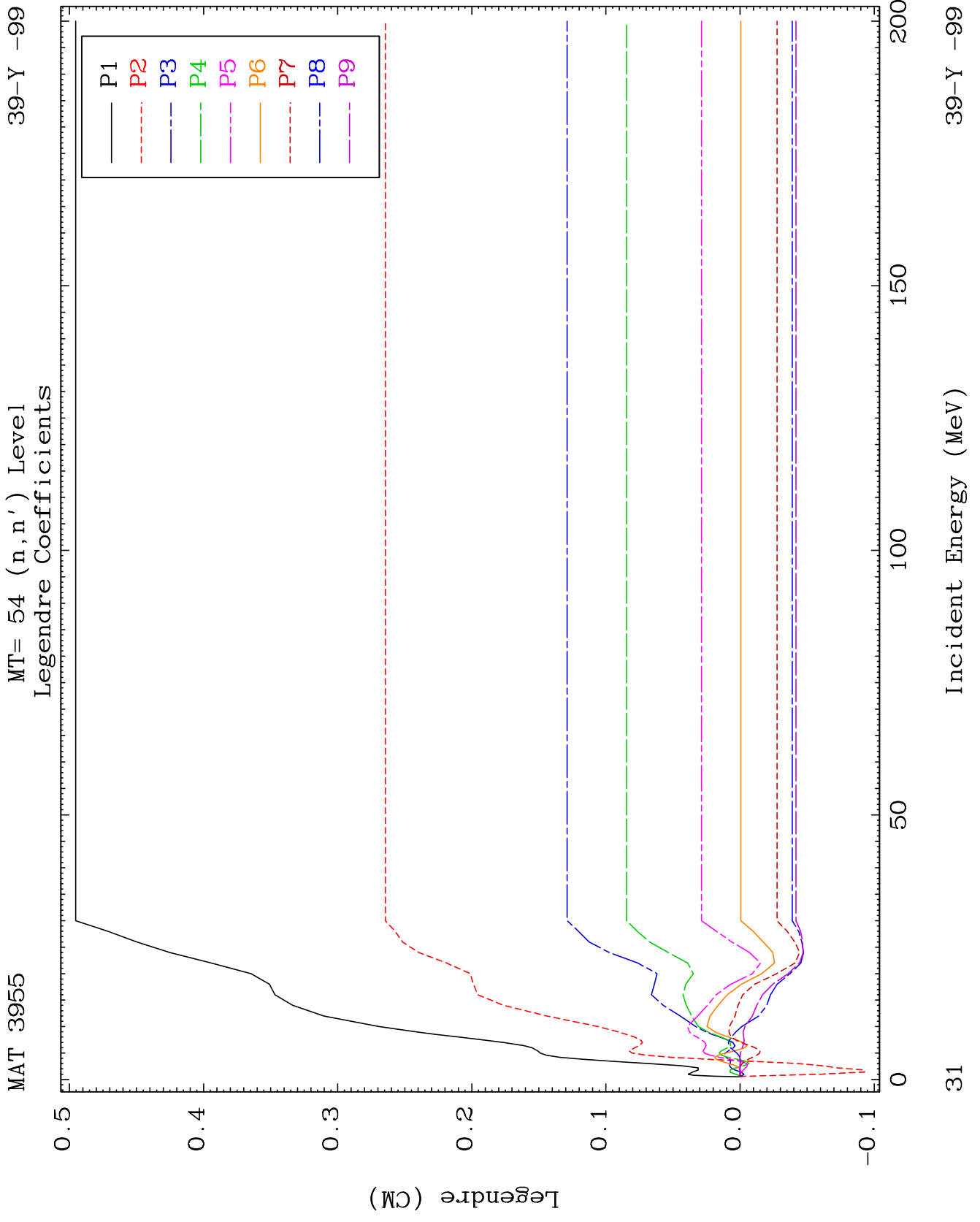


MAT 3955

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

39-Y -99



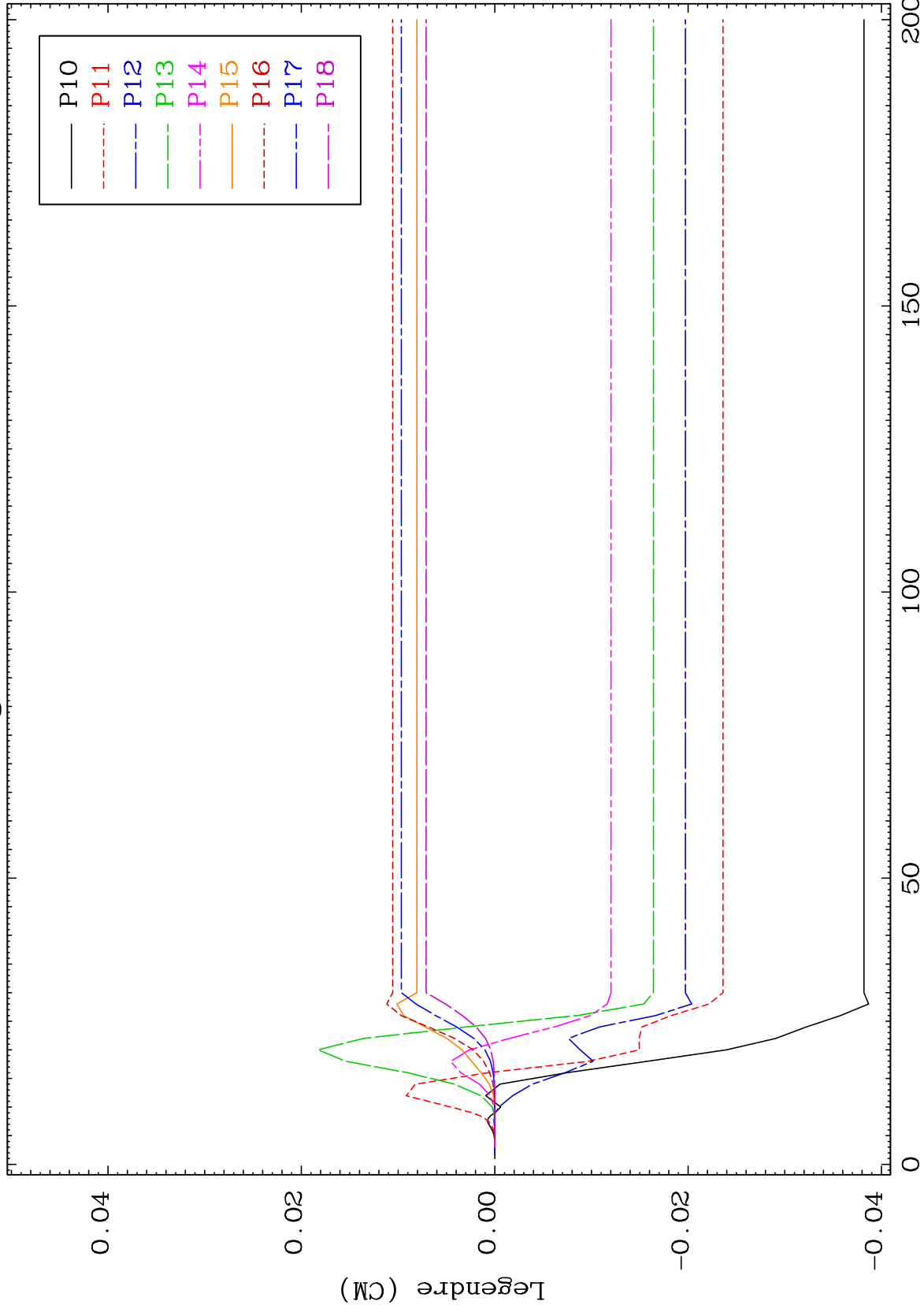




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MT= 54 (n,n') Level  
Legendre Coefficients

39-Y -99



32

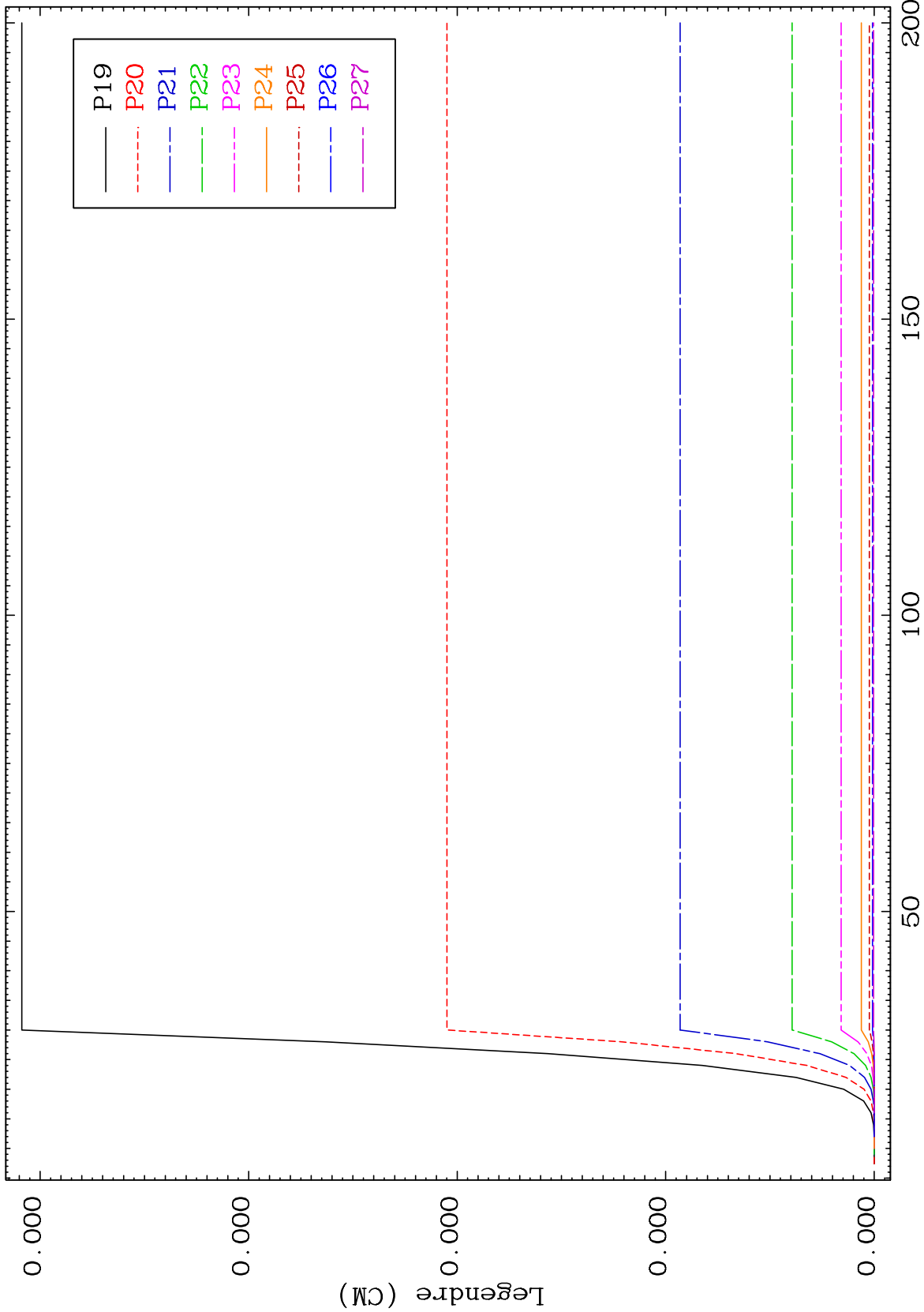
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



33

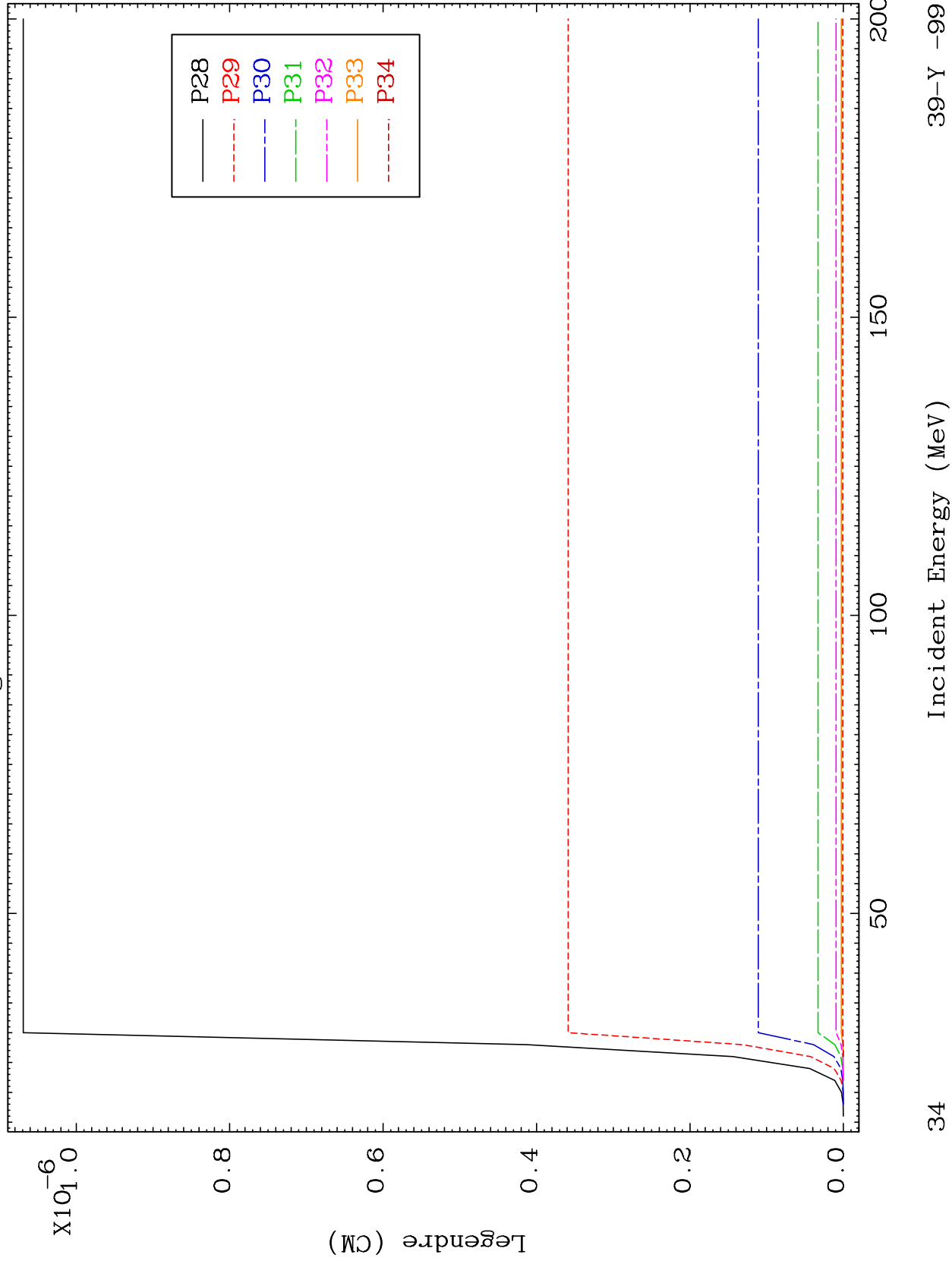
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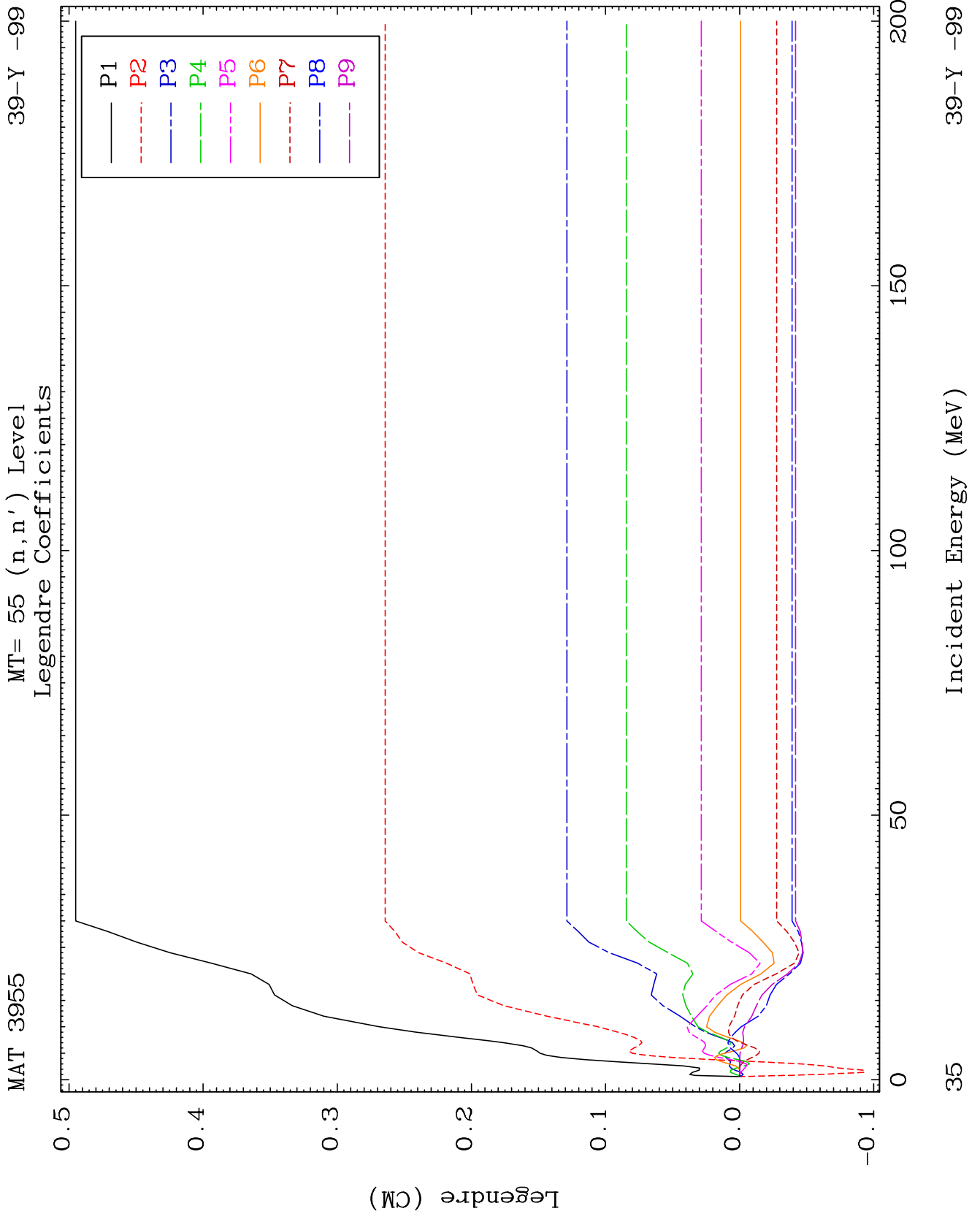
39-Y -99

MAT 3955

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

39-Y -99

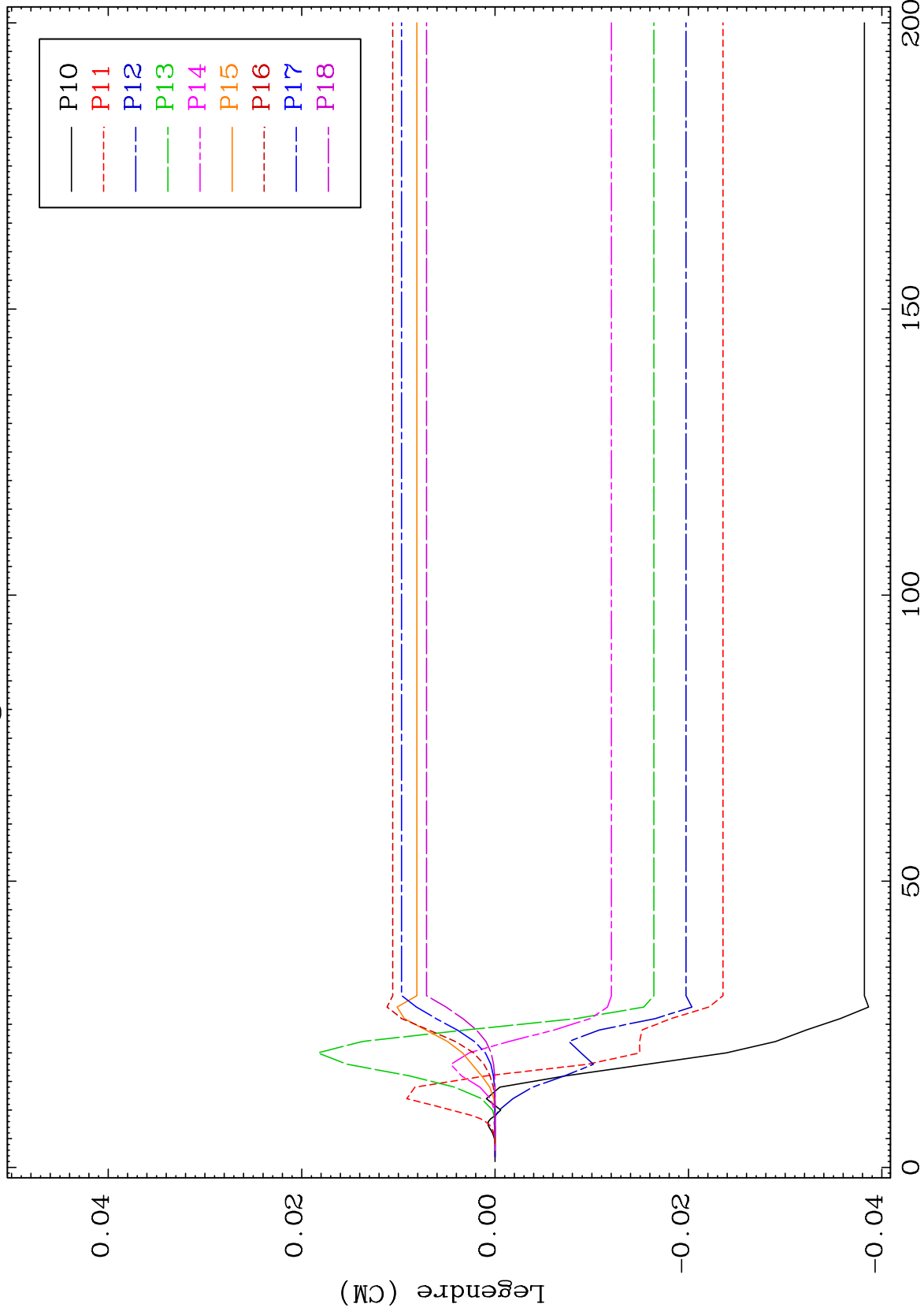




MAT 3955

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

39-Y -99



36

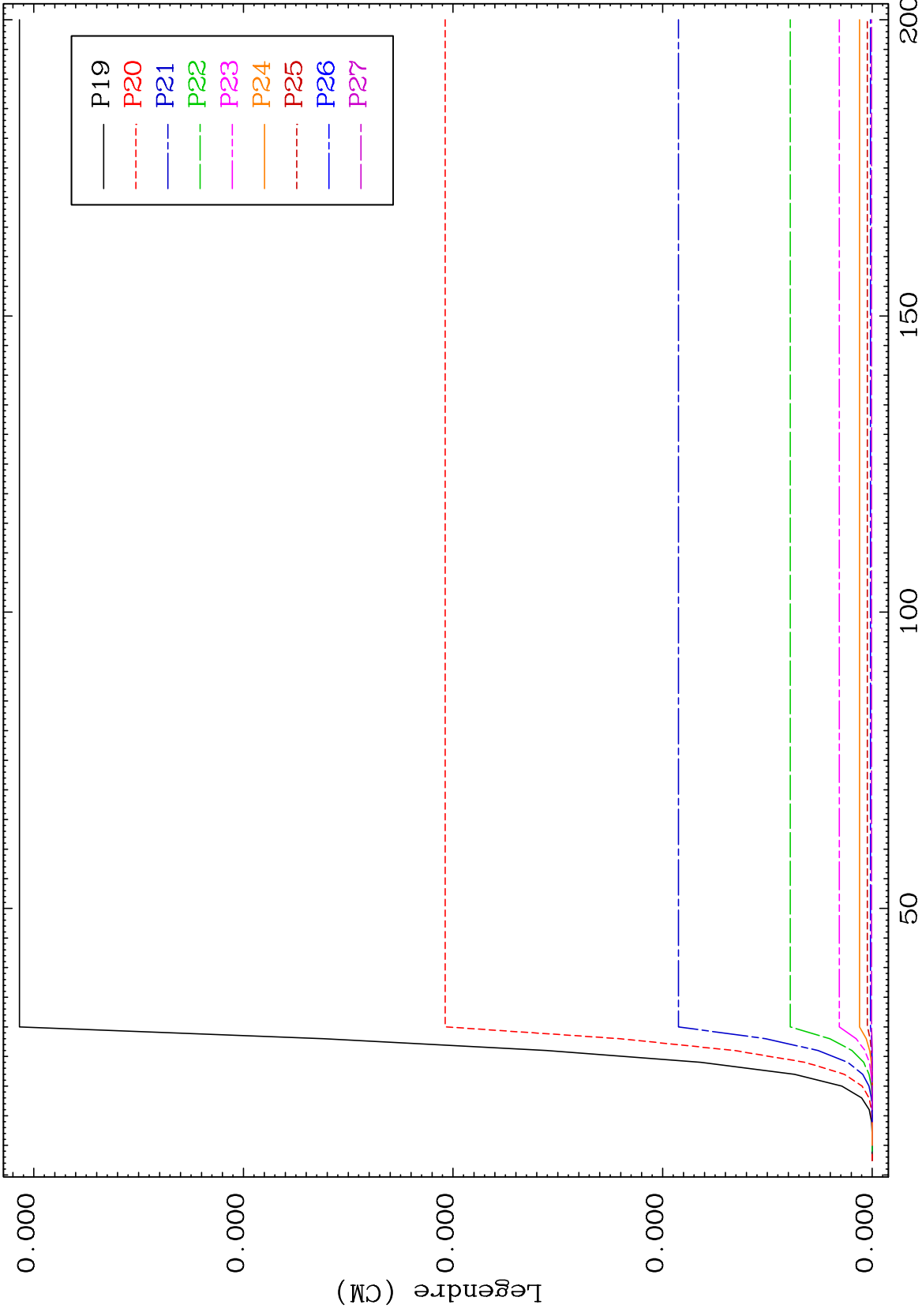
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



37

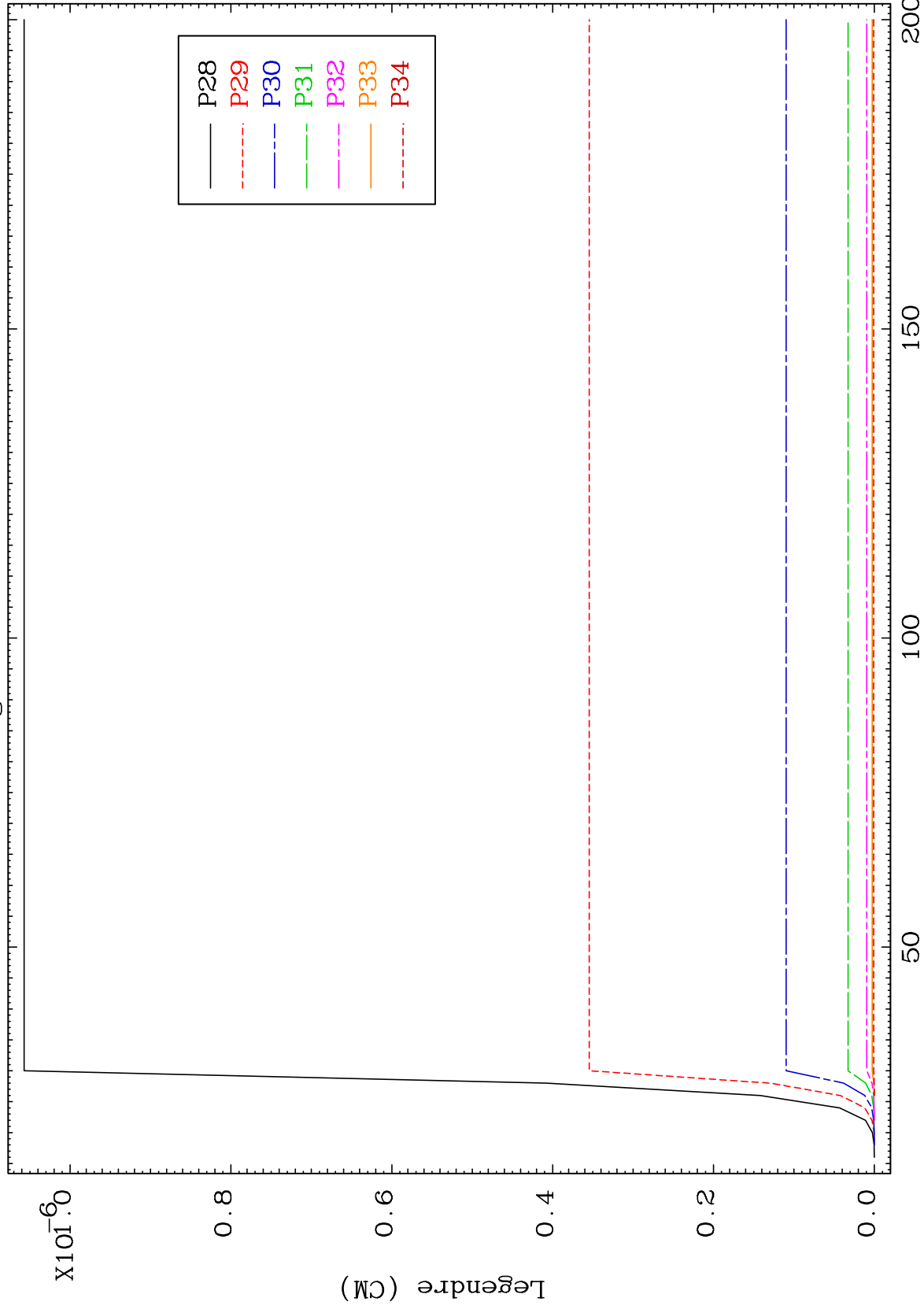
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



38

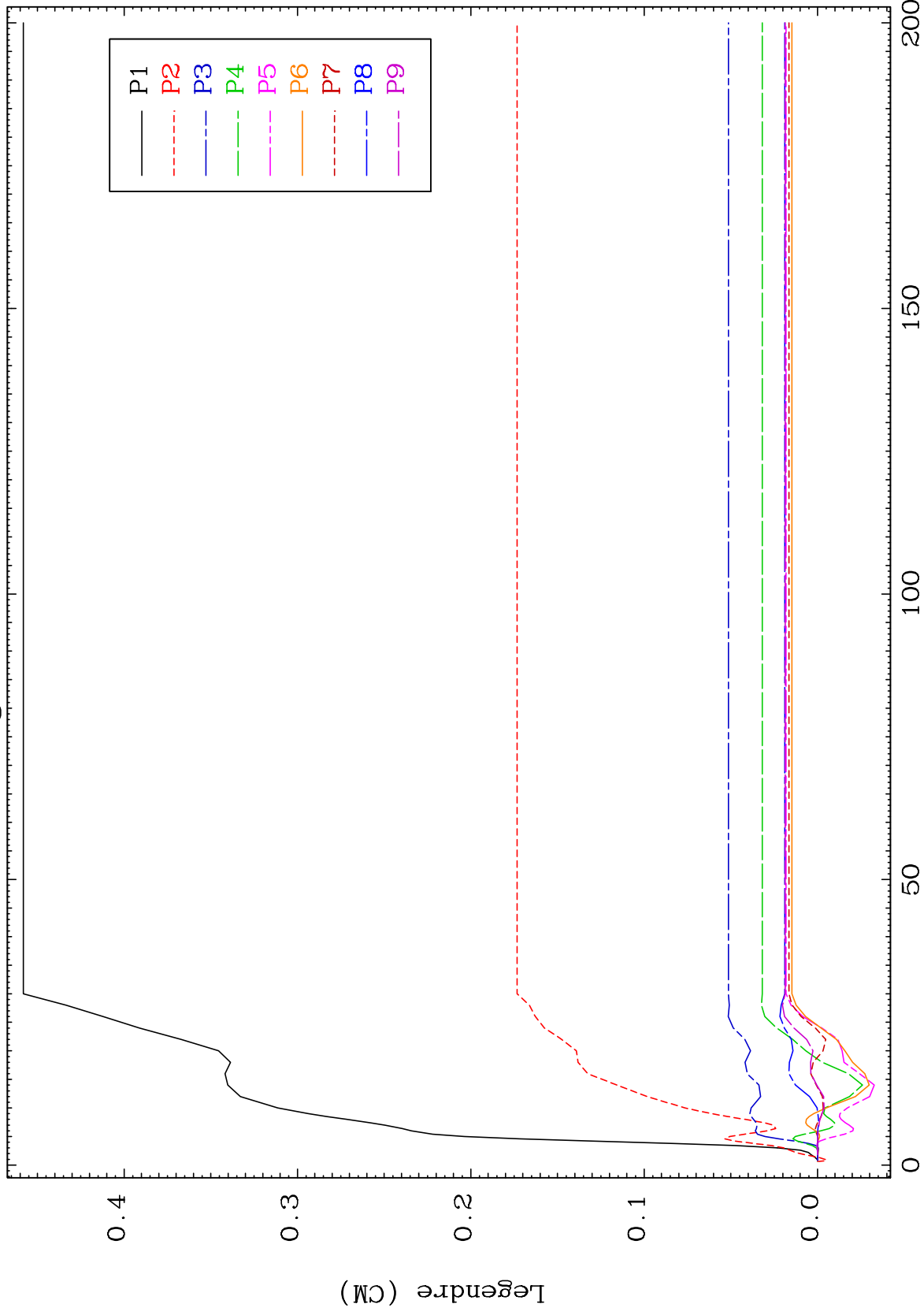
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



39

Incident Energy (MeV)

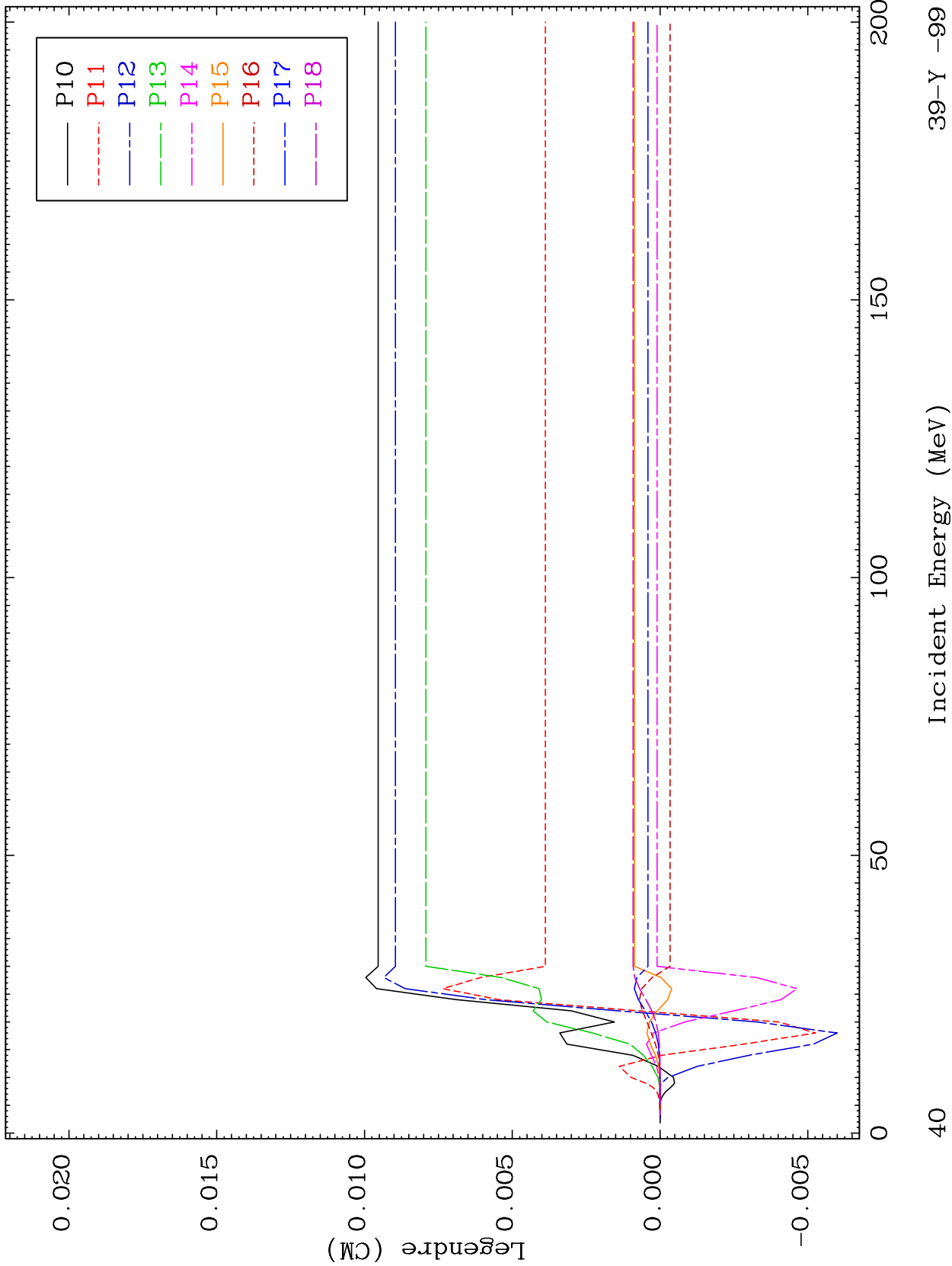
39-Y -99

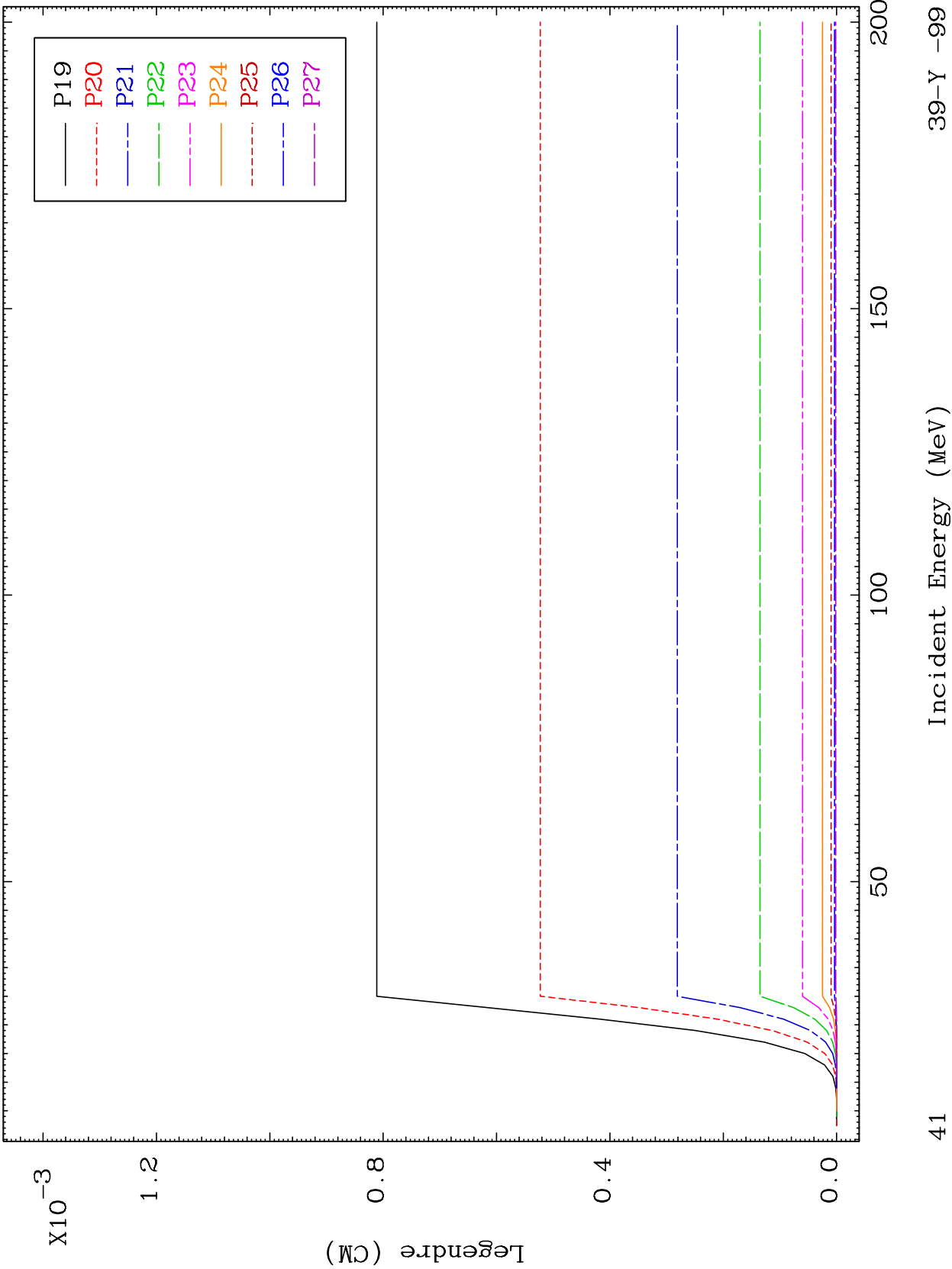


MAT 3955

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

39-Y -99

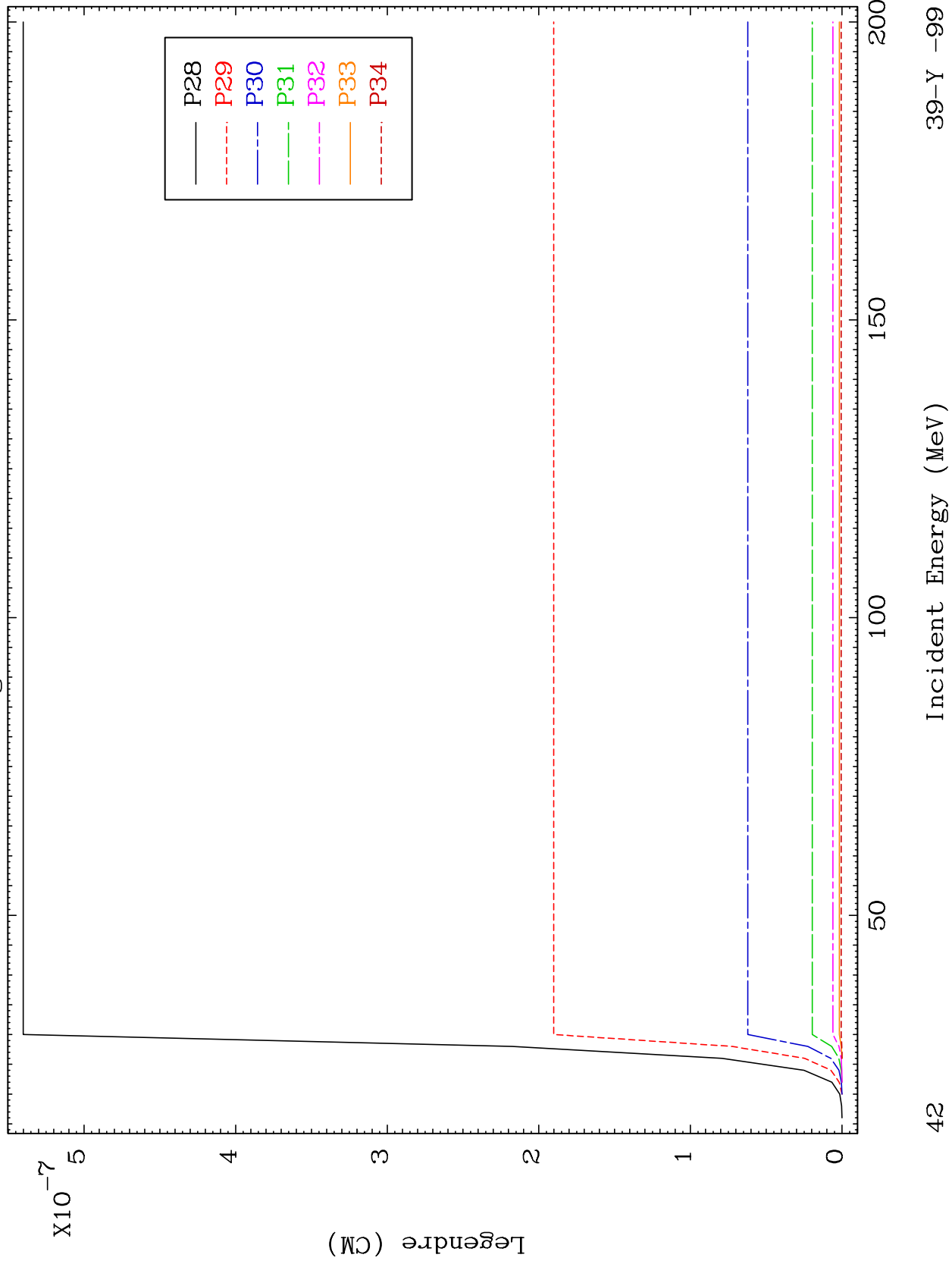




MAT 3955

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

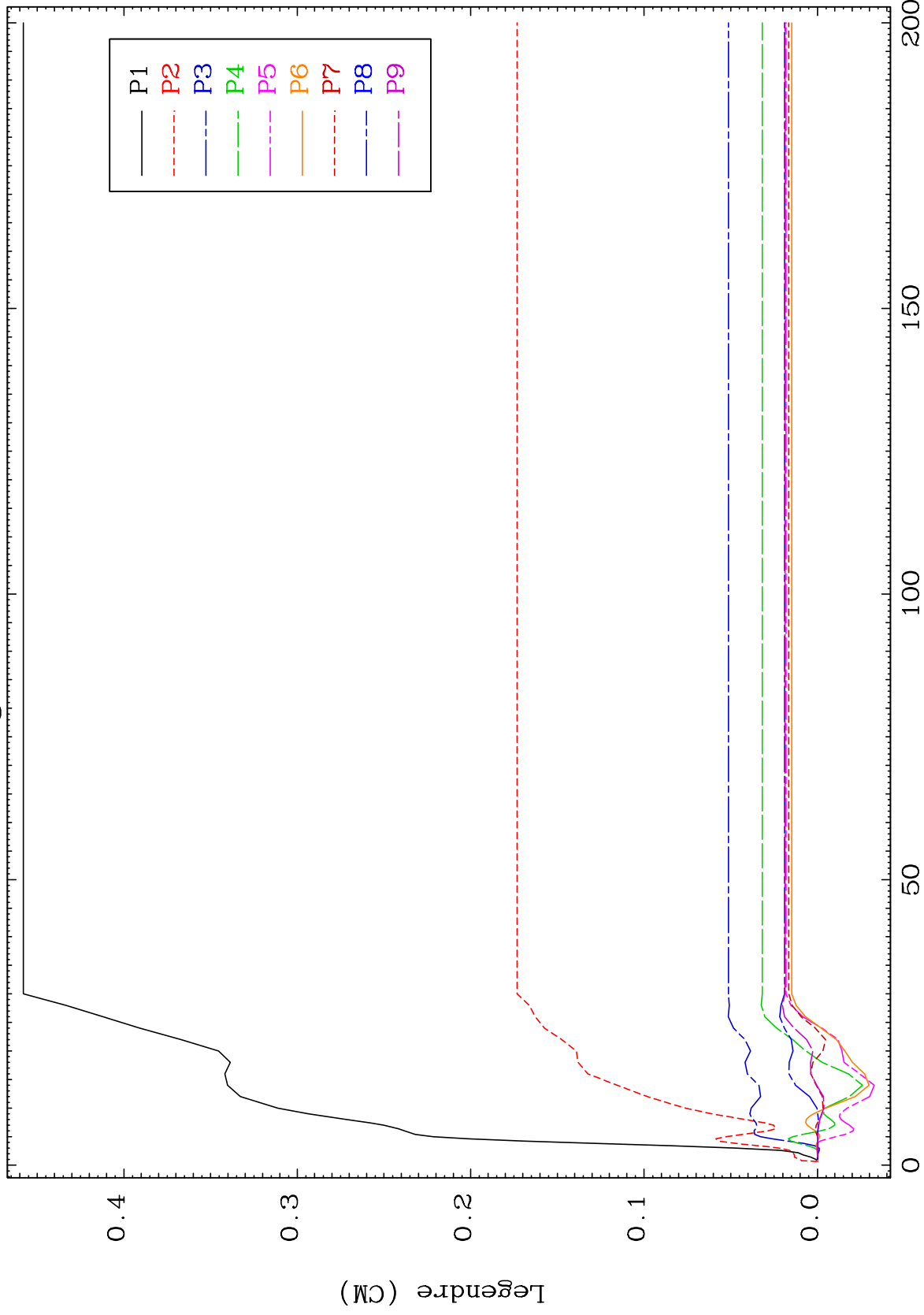
39-Y -99



MAT 3955

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

39-Y -99



39-Y -99

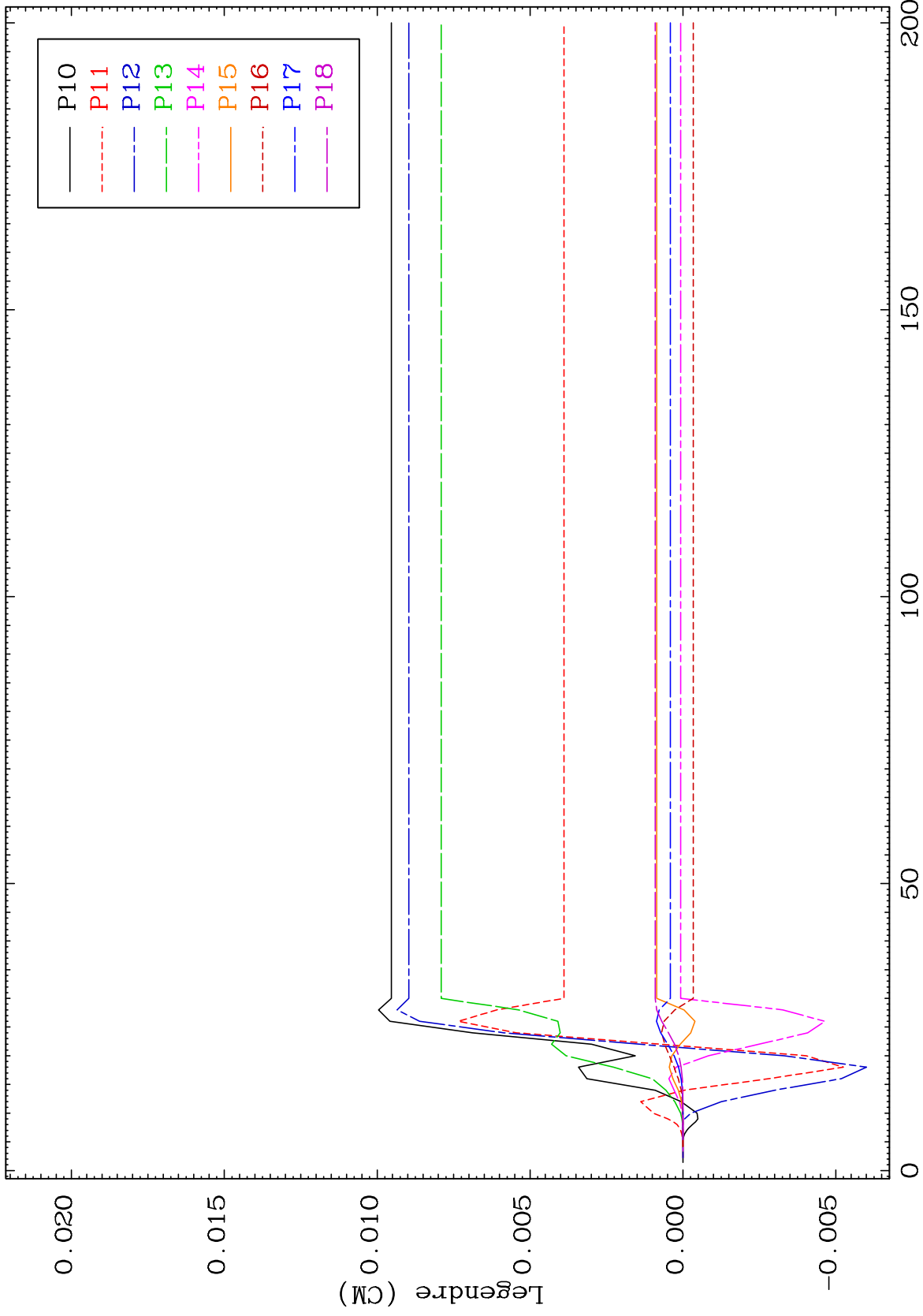
Incident Energy (MeV)

43

MAT 3955

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

39-Y -99



44

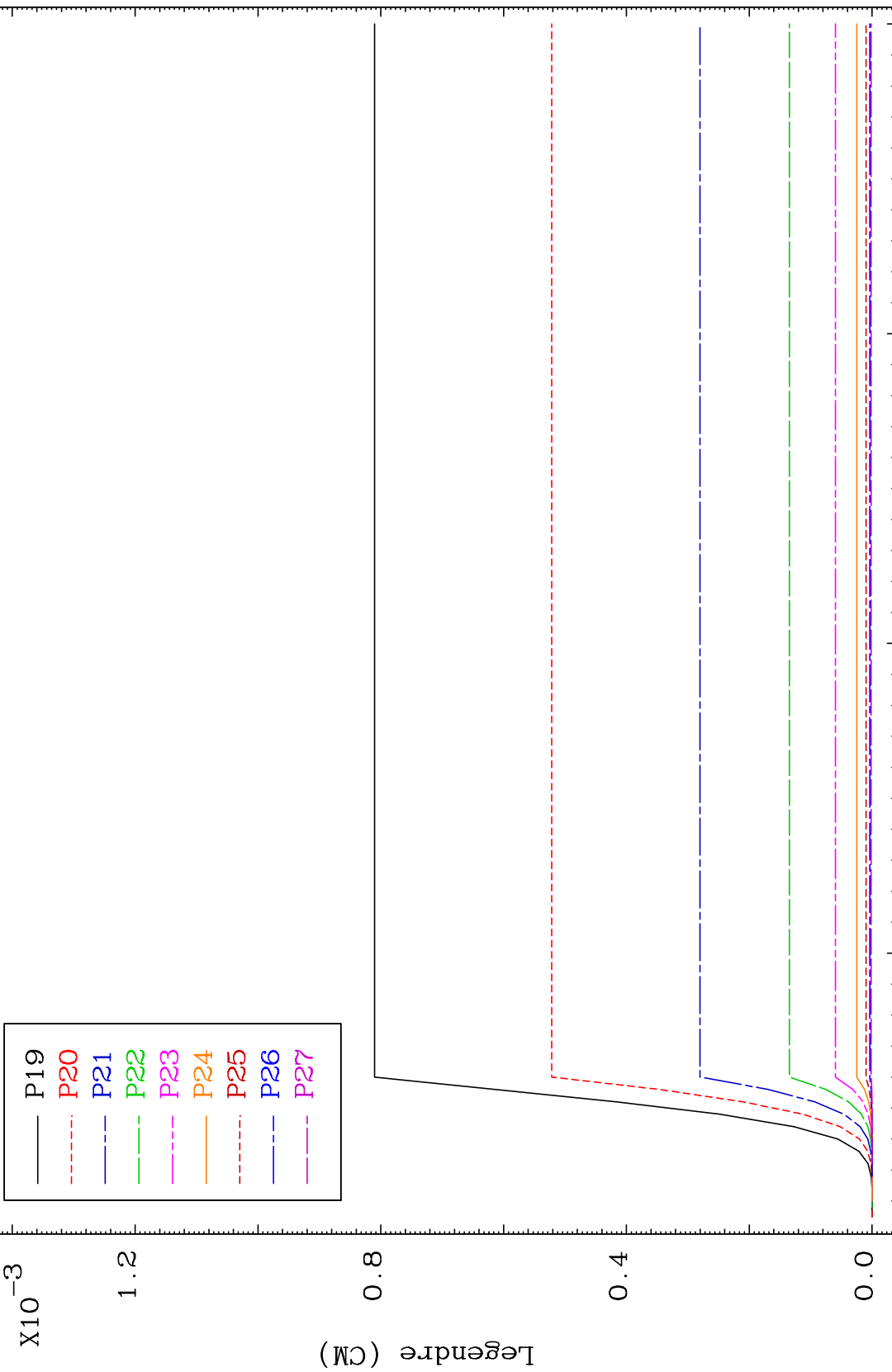
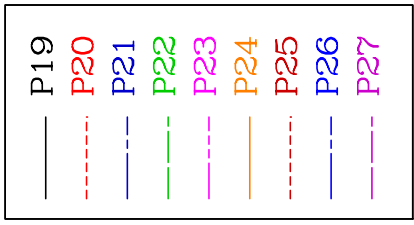
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



45

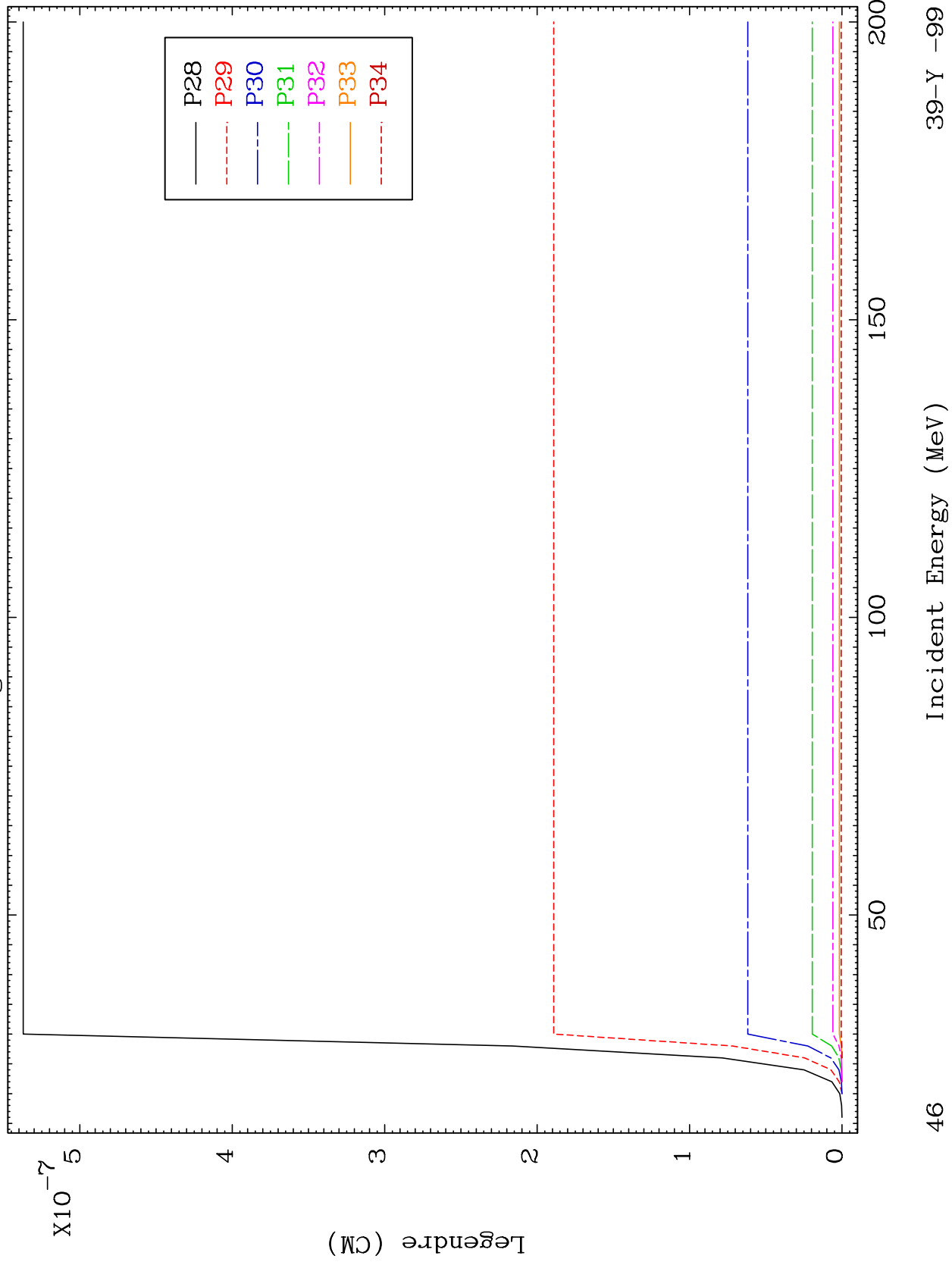
Incident Energy (MeV)

39-Y -99

MAT 3955

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

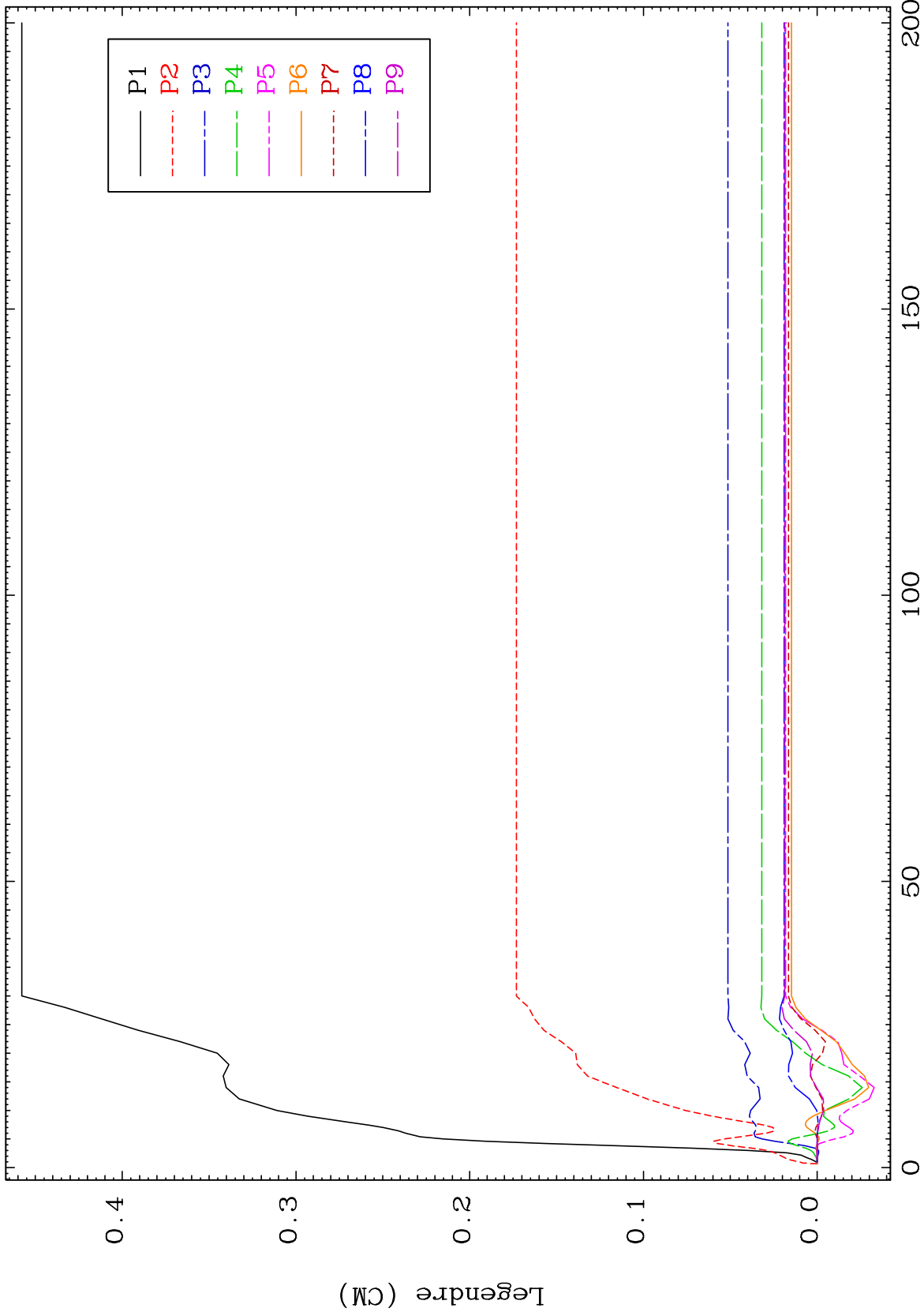
39-Y -99



MAT 3955

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

39-Y -99



47

Incident Energy (MeV)

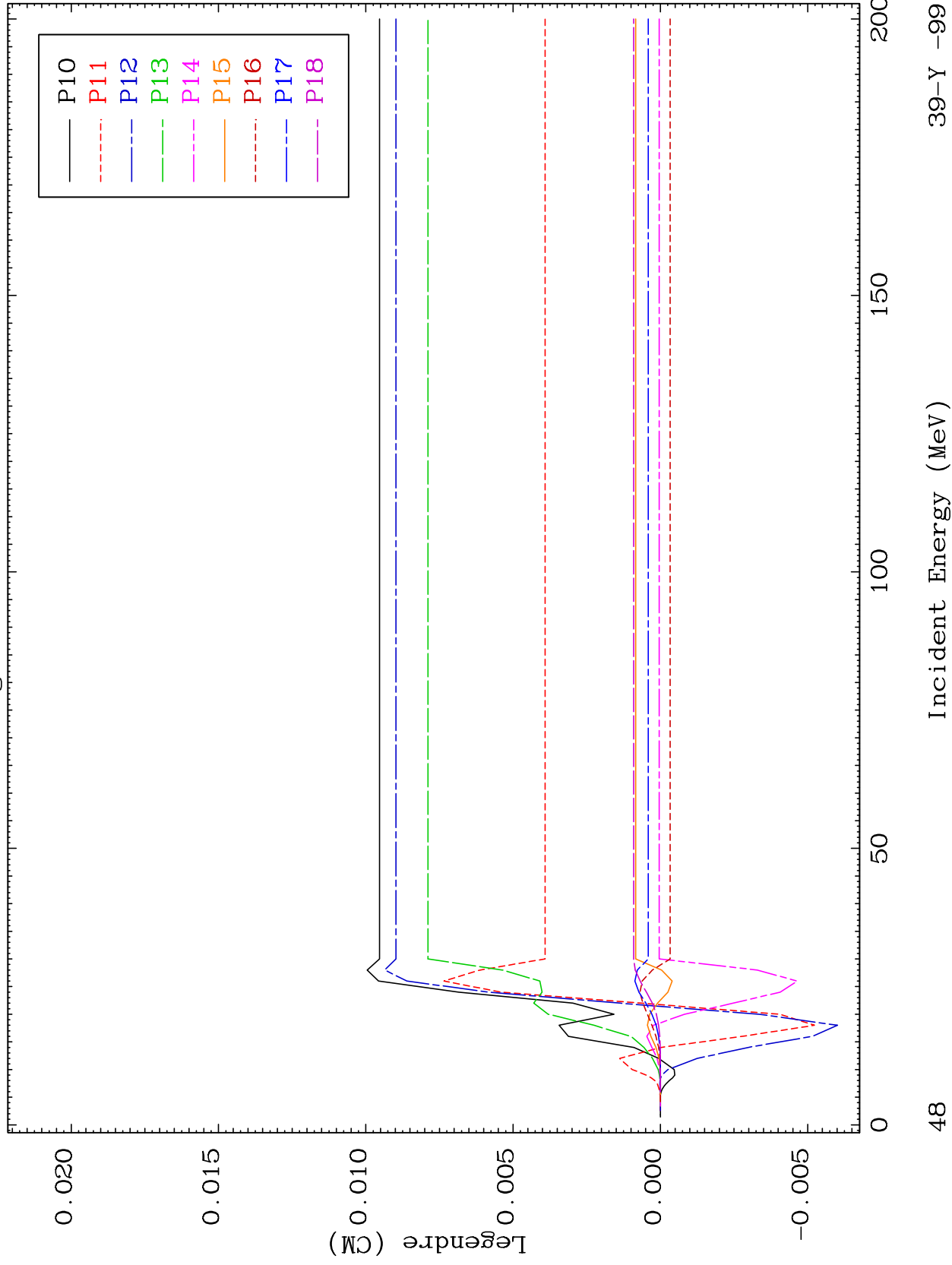
39-Y -99



MAT 3955

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

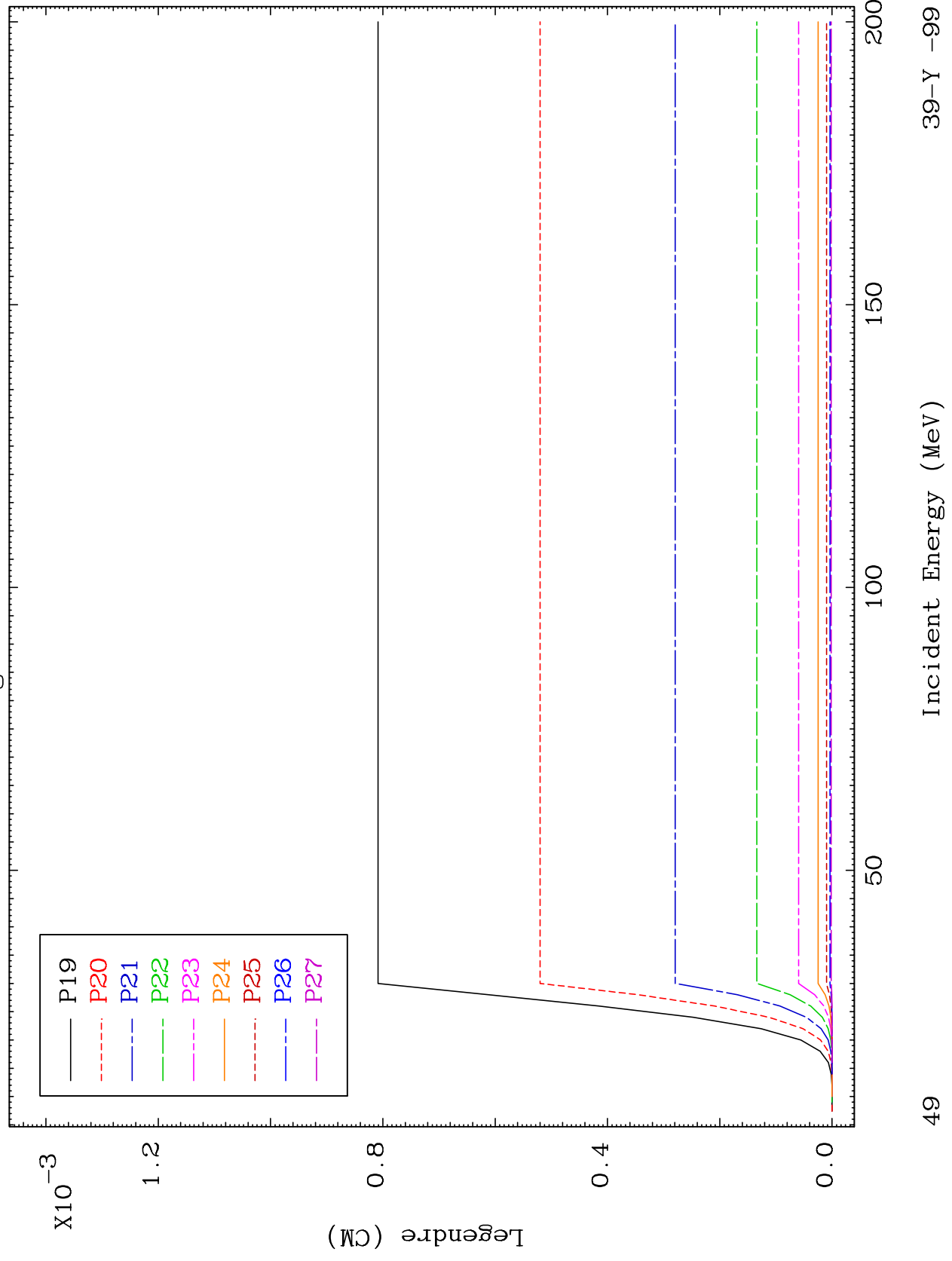
39-Y -99



39-Y -99

Incident Energy (MeV)

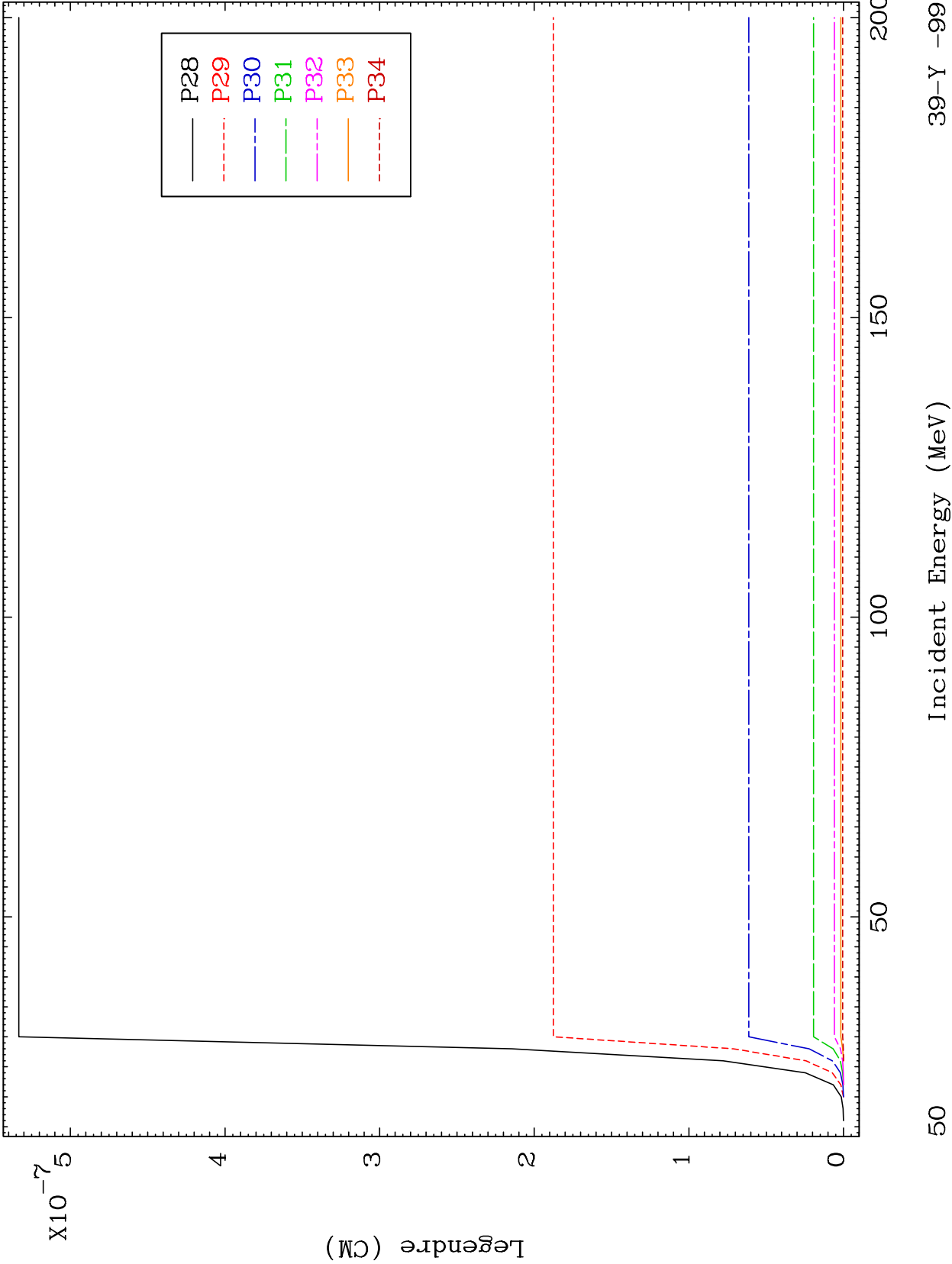
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MAT 3955

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

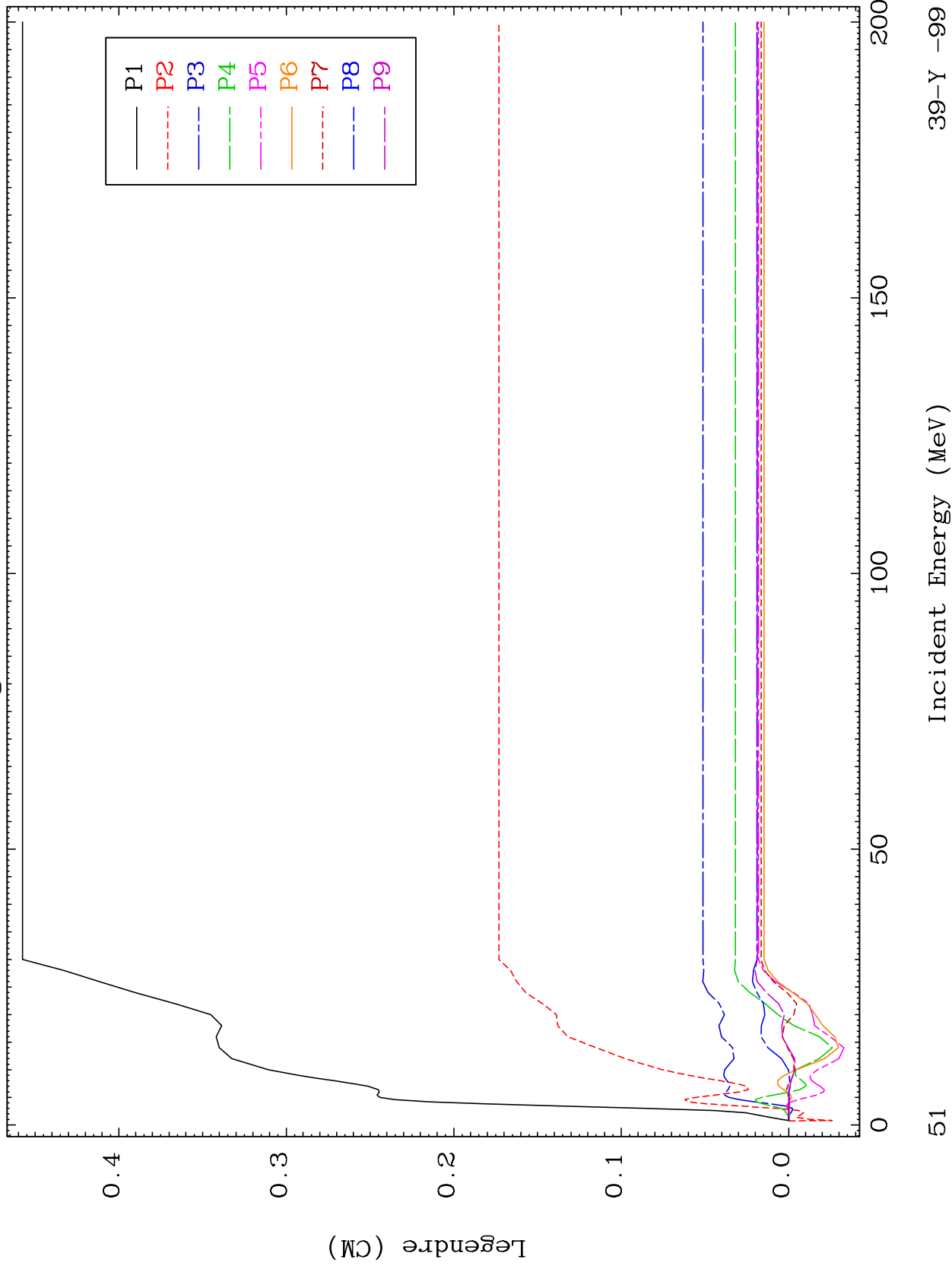
39-Y -99



MAT 3955

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

39-Y -99



51

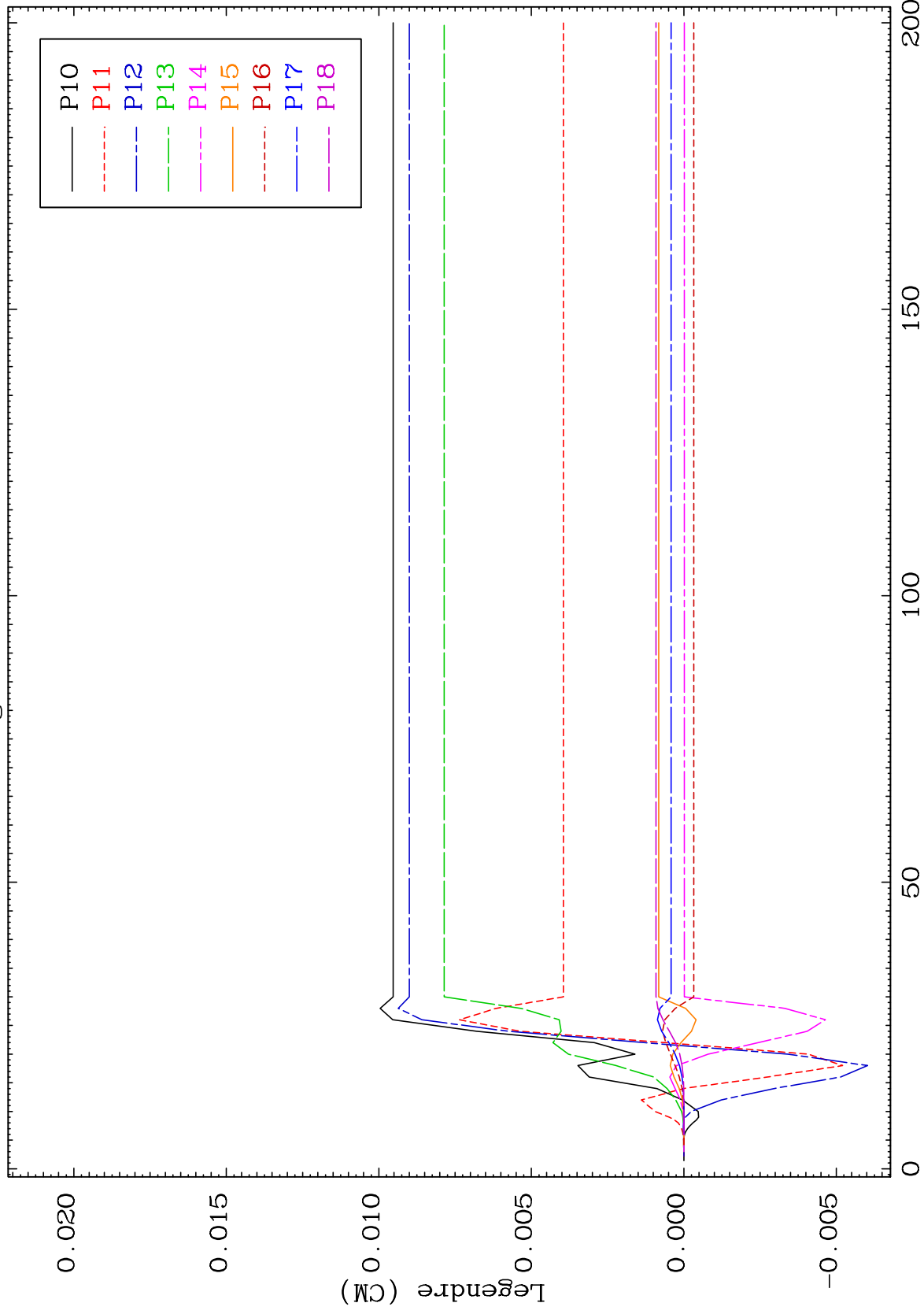
Incident Energy (MeV)

39-Y -99

MAT 3955

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

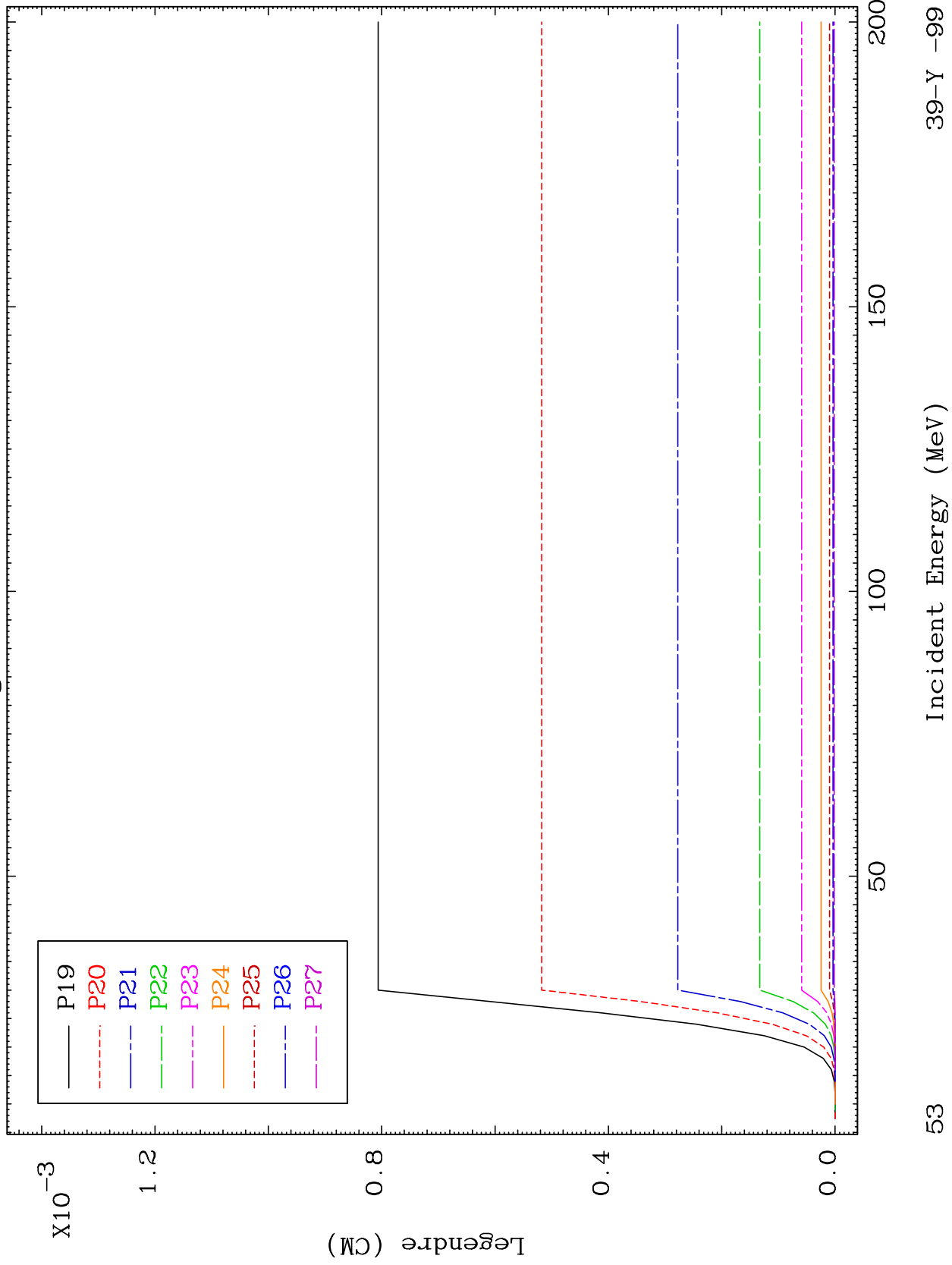
39-Y -99



52

Incident Energy (MeV)

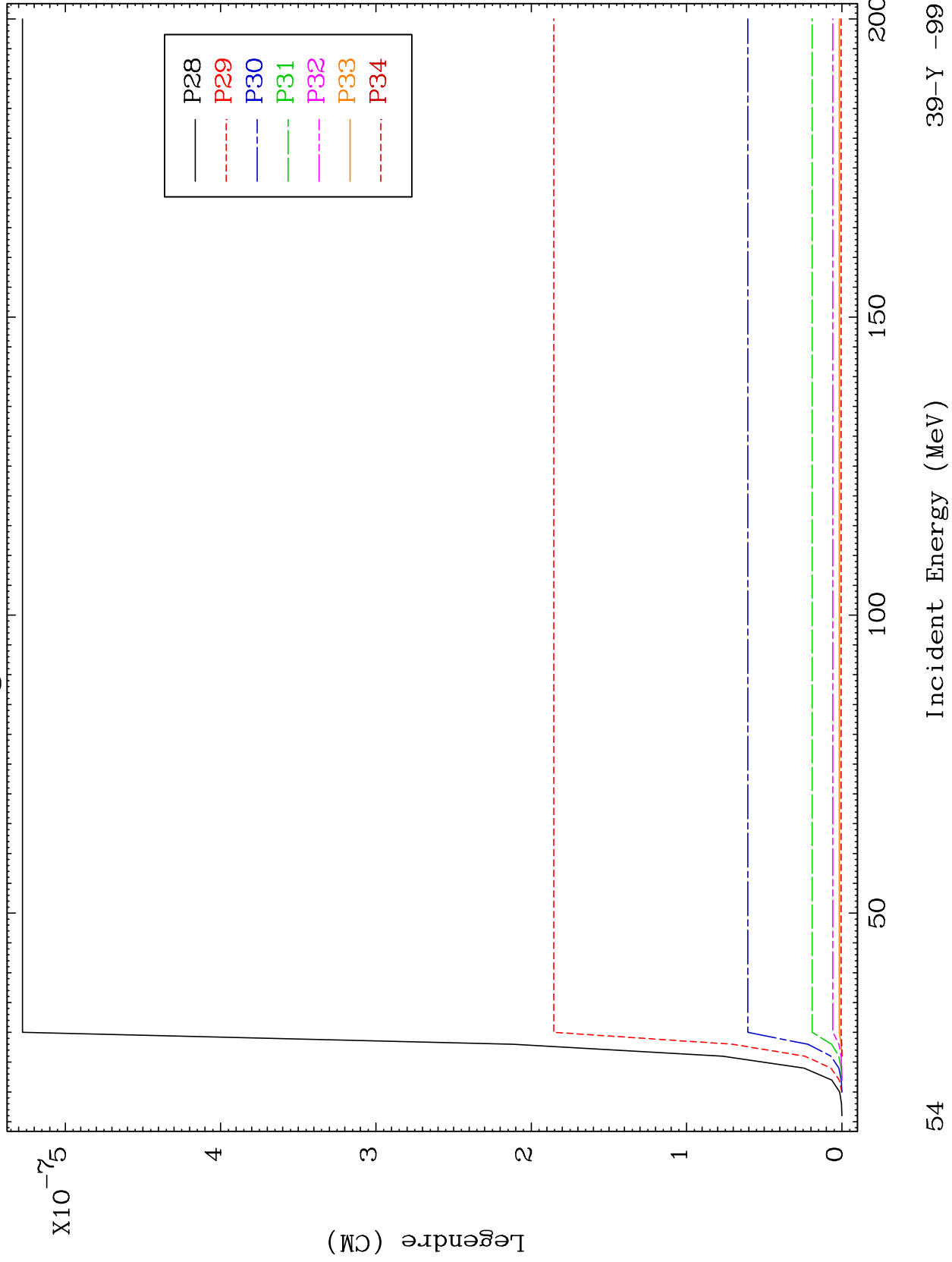
39-Y -99



MAT 3955

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

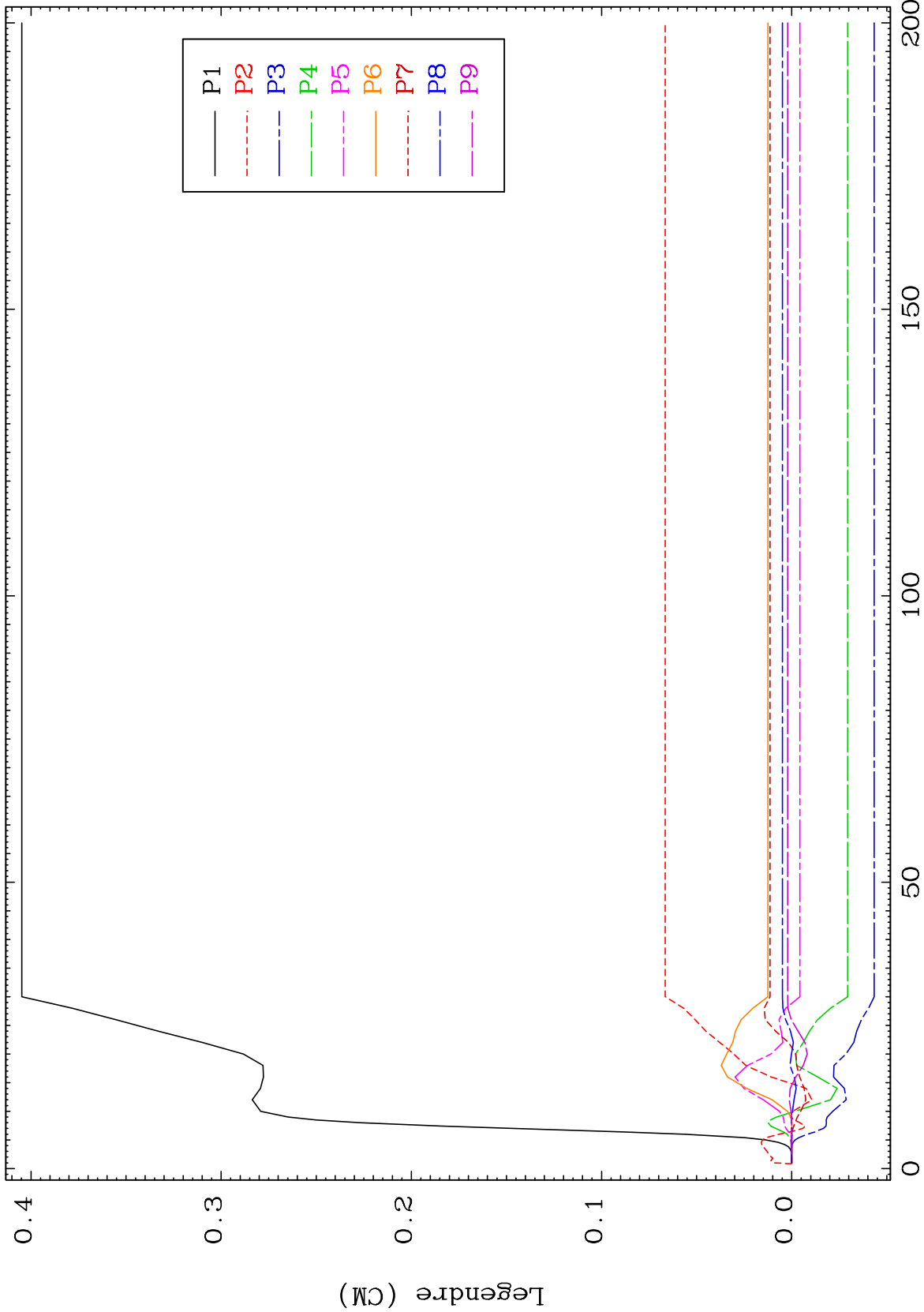
39-Y -99



MAT 3955

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

39-Y -99



39-Y -99

Incident Energy (MeV)

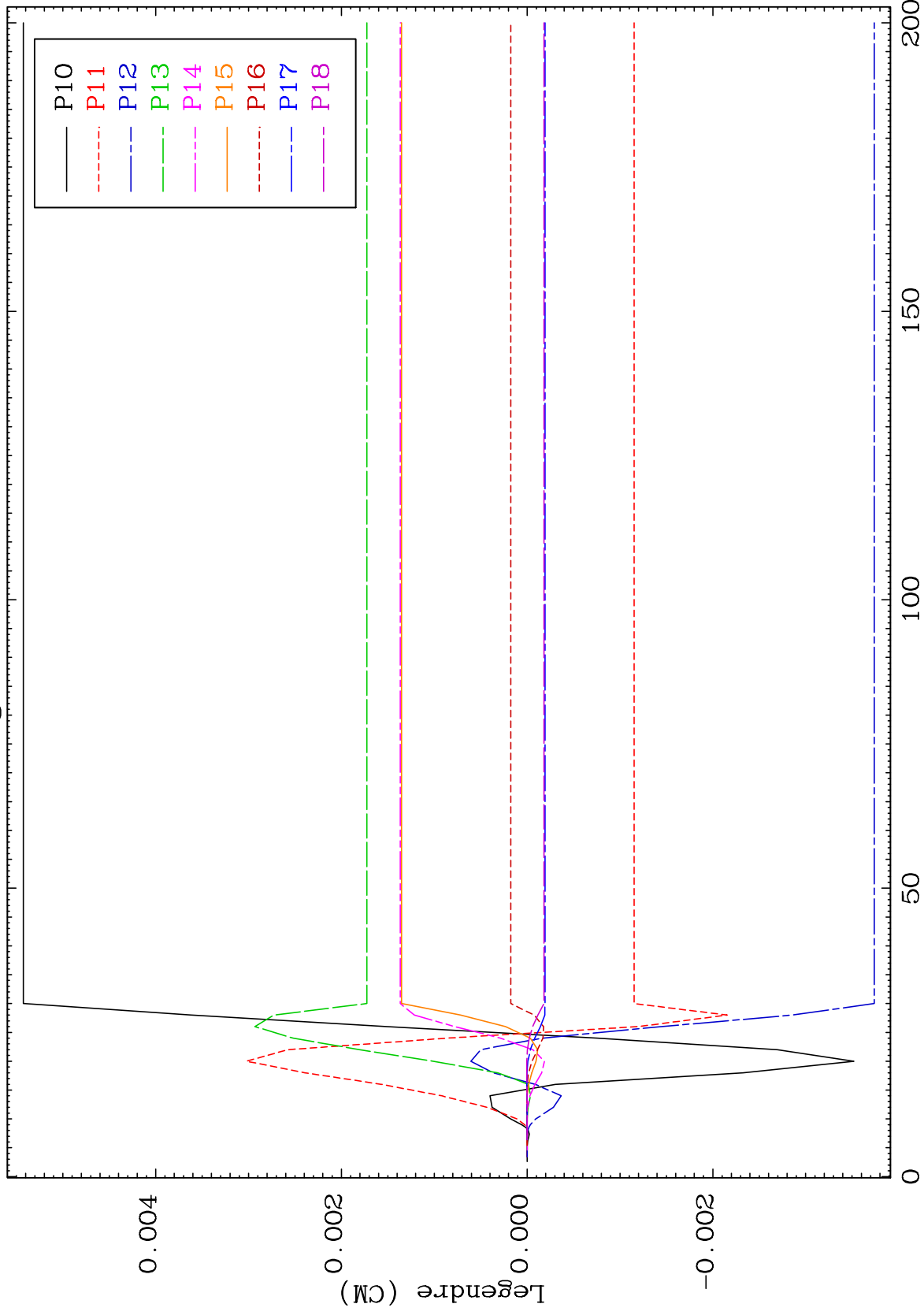
55



MAT 3955

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

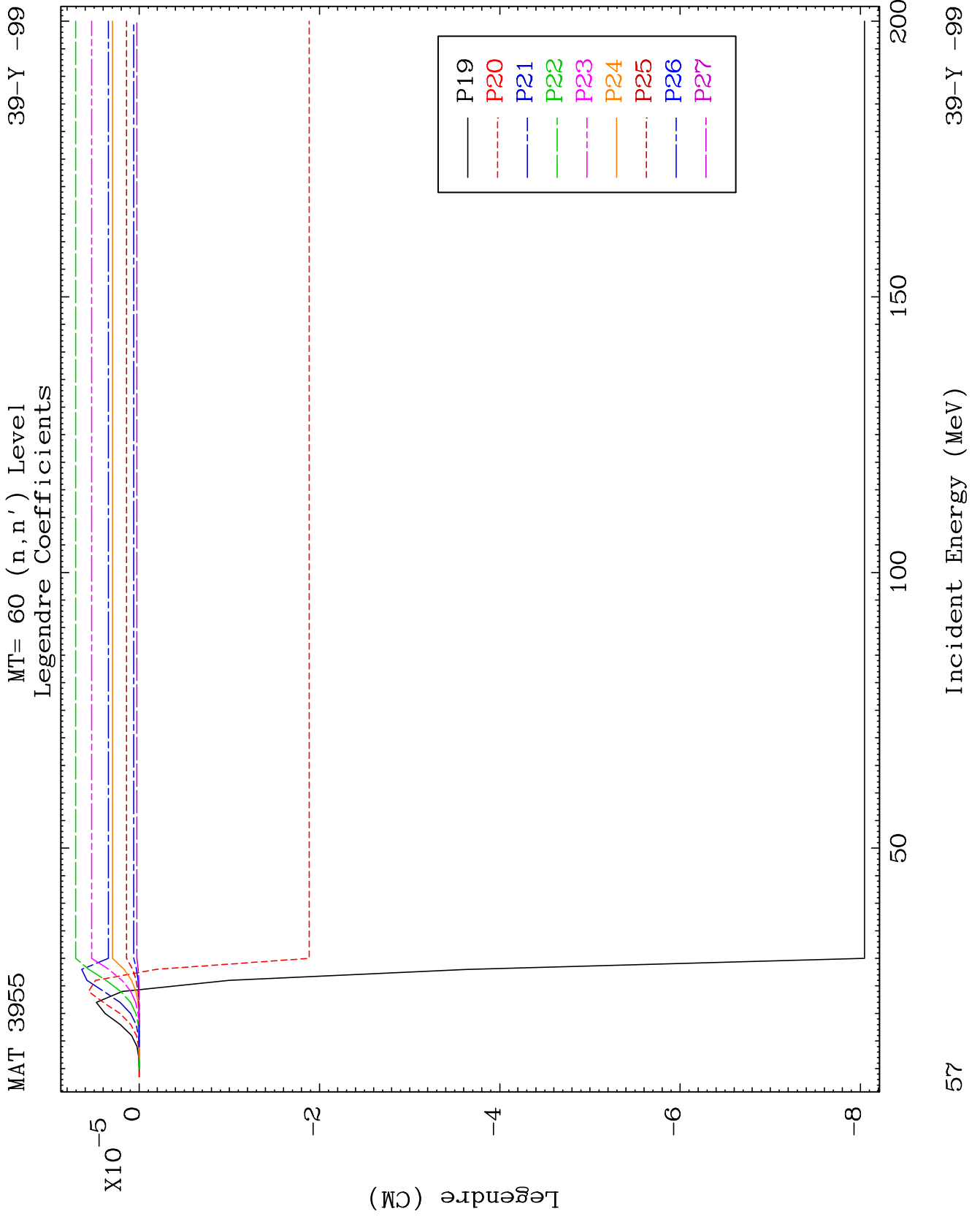
39-Y -99



56

Incident Energy (MeV)

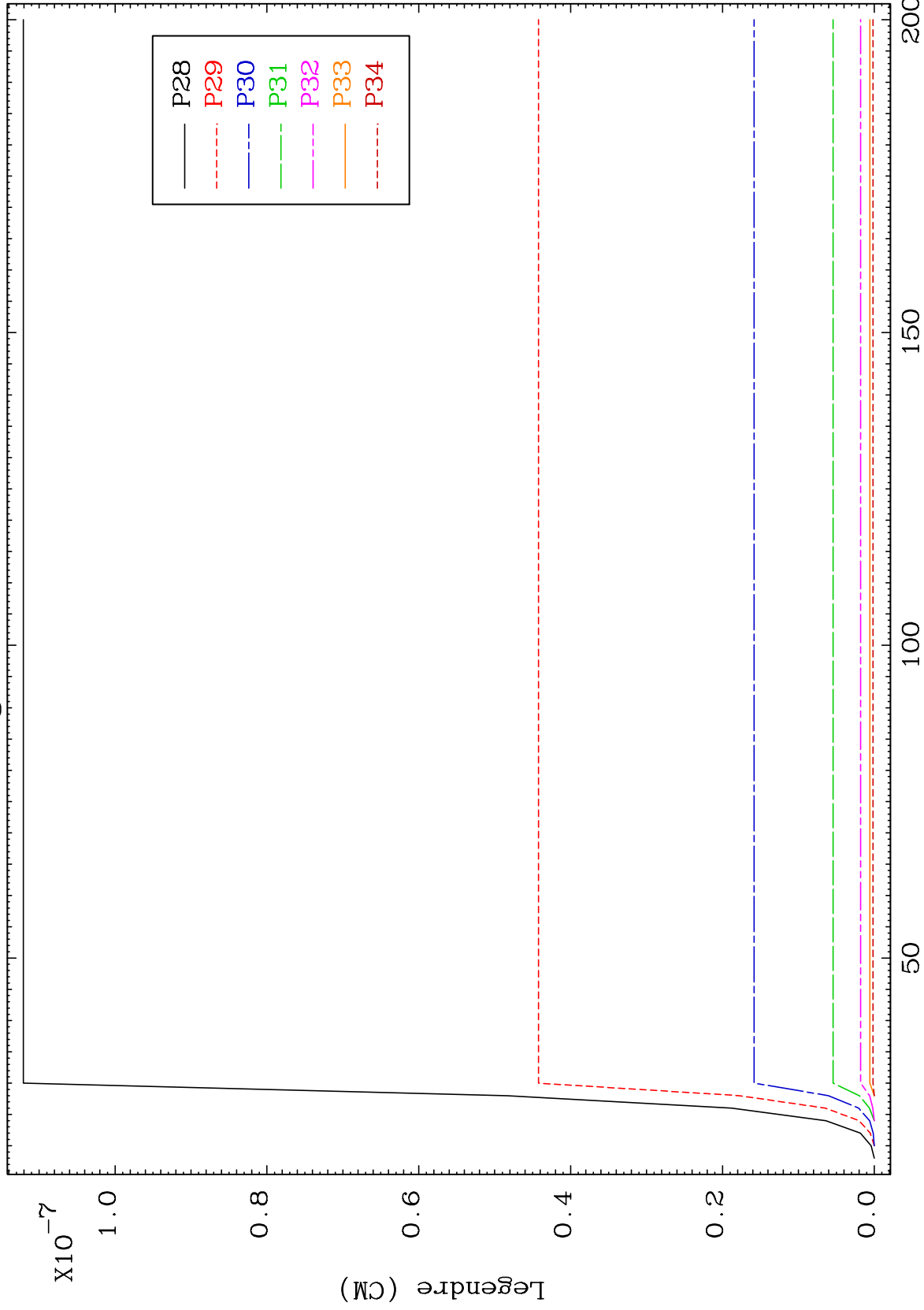
39-Y -99



MAT 3955

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

39-Y -99



58

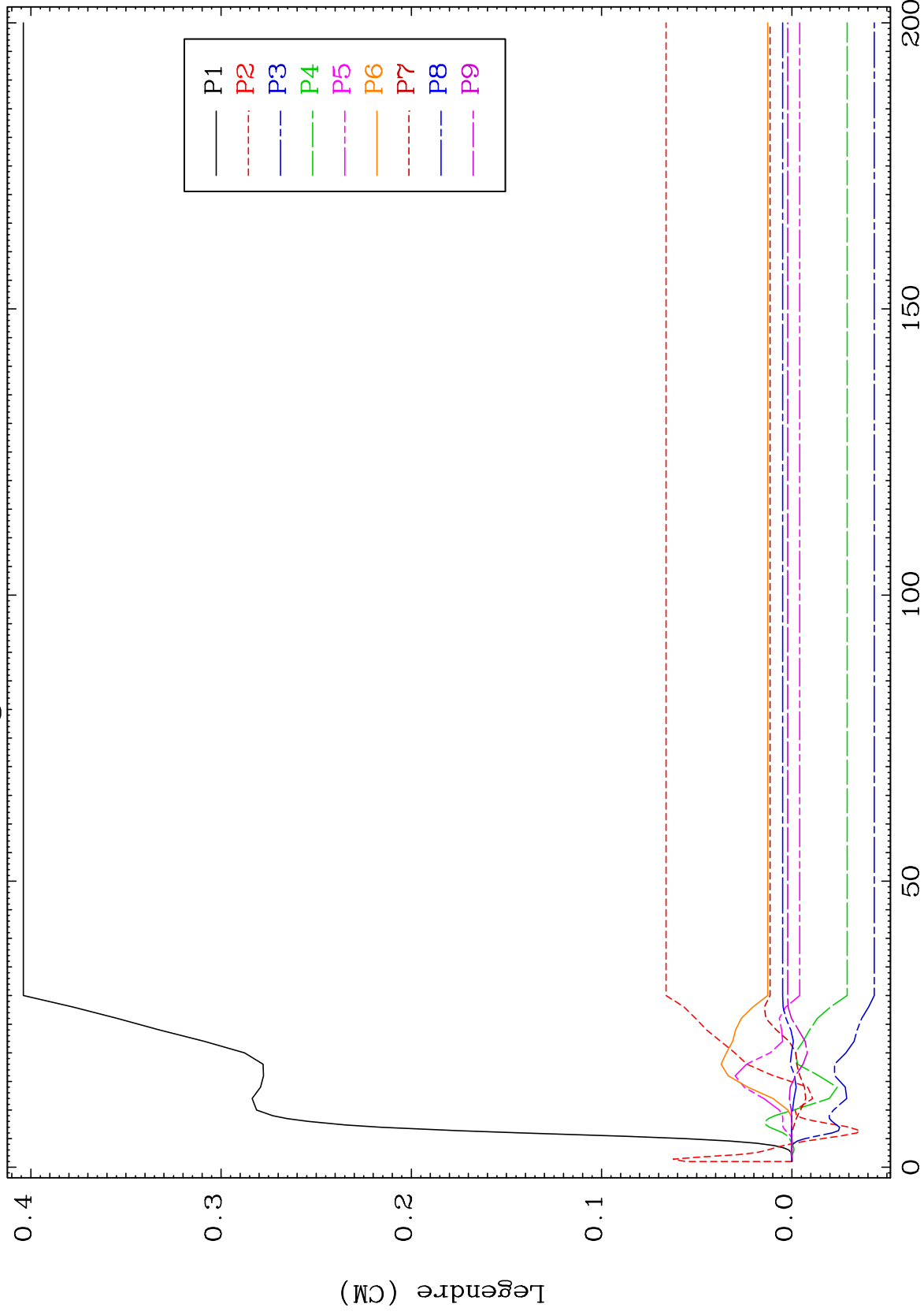
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



59

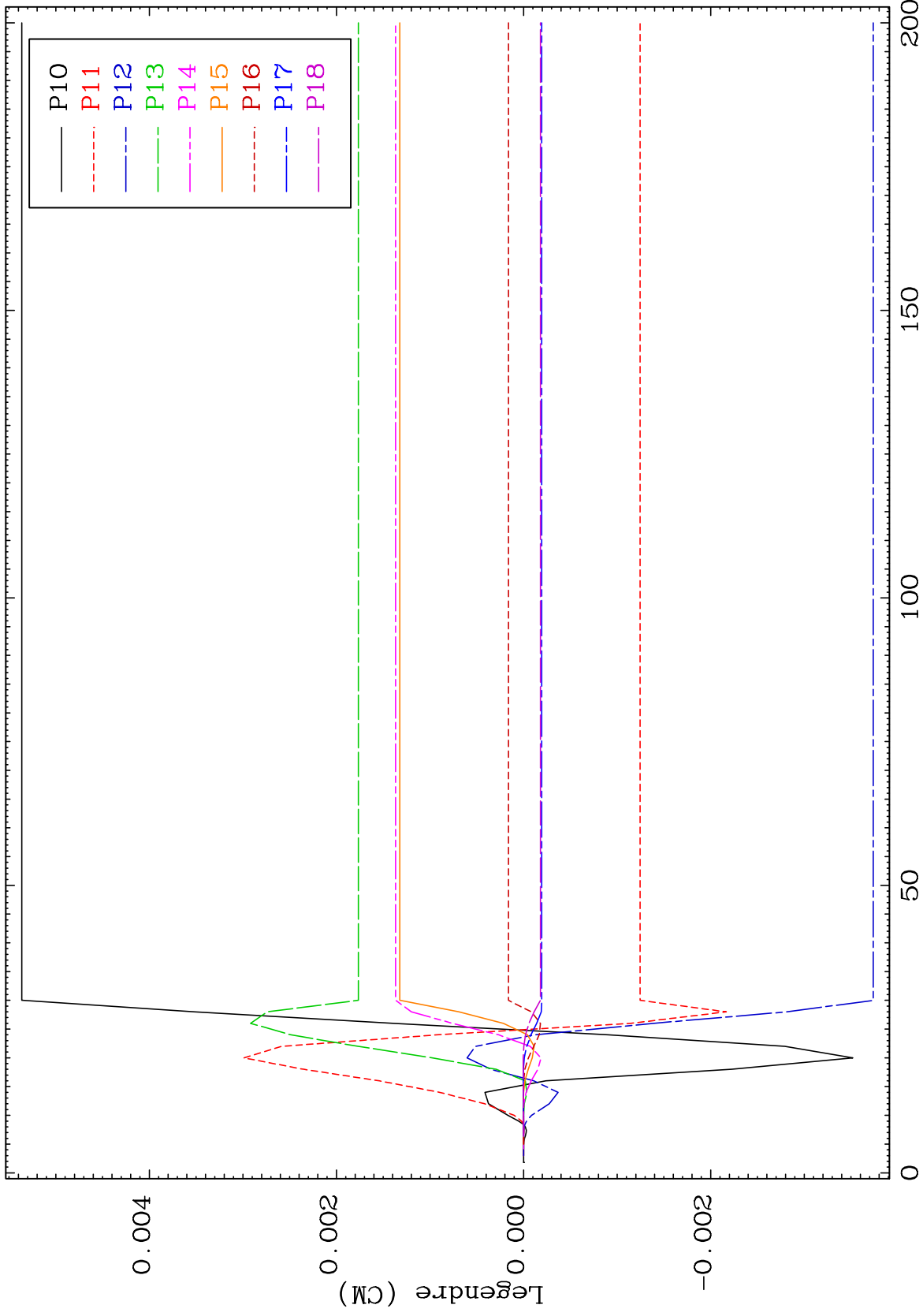
Incident Energy (MeV)

39-Y -99

MAT 3955

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

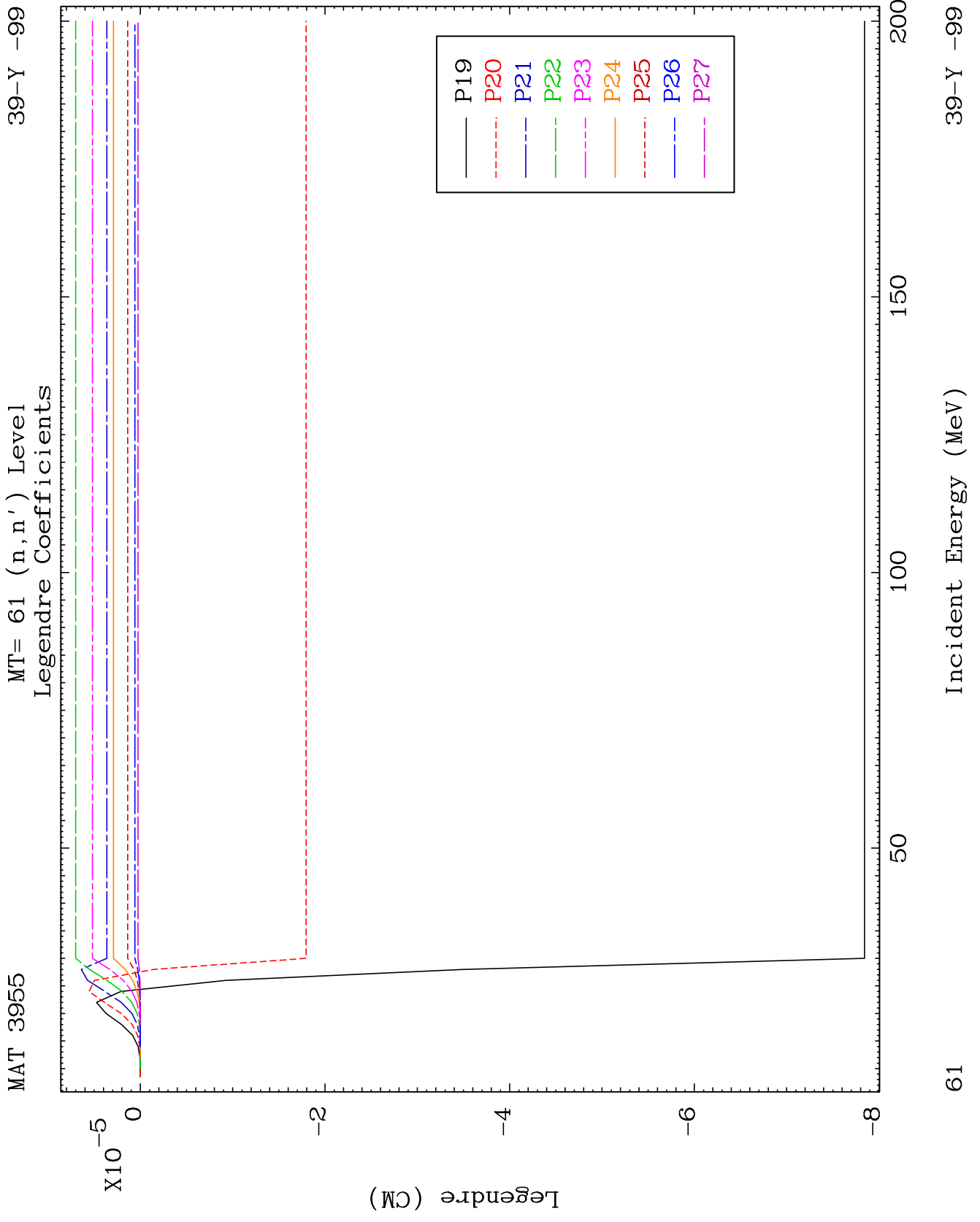
39-Y -99



39-Y -99

Incident Energy (MeV)

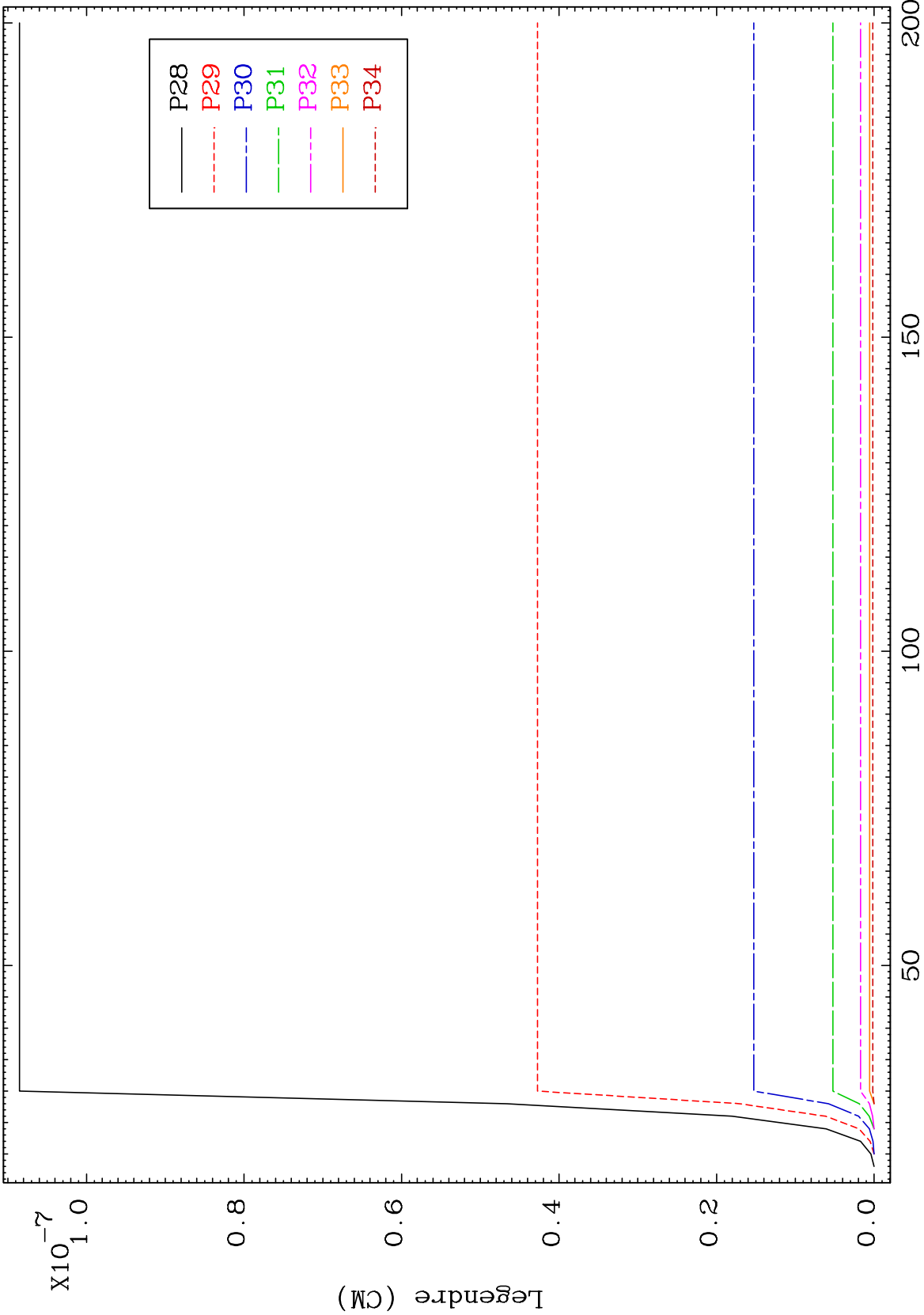
60



MAT 3955

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

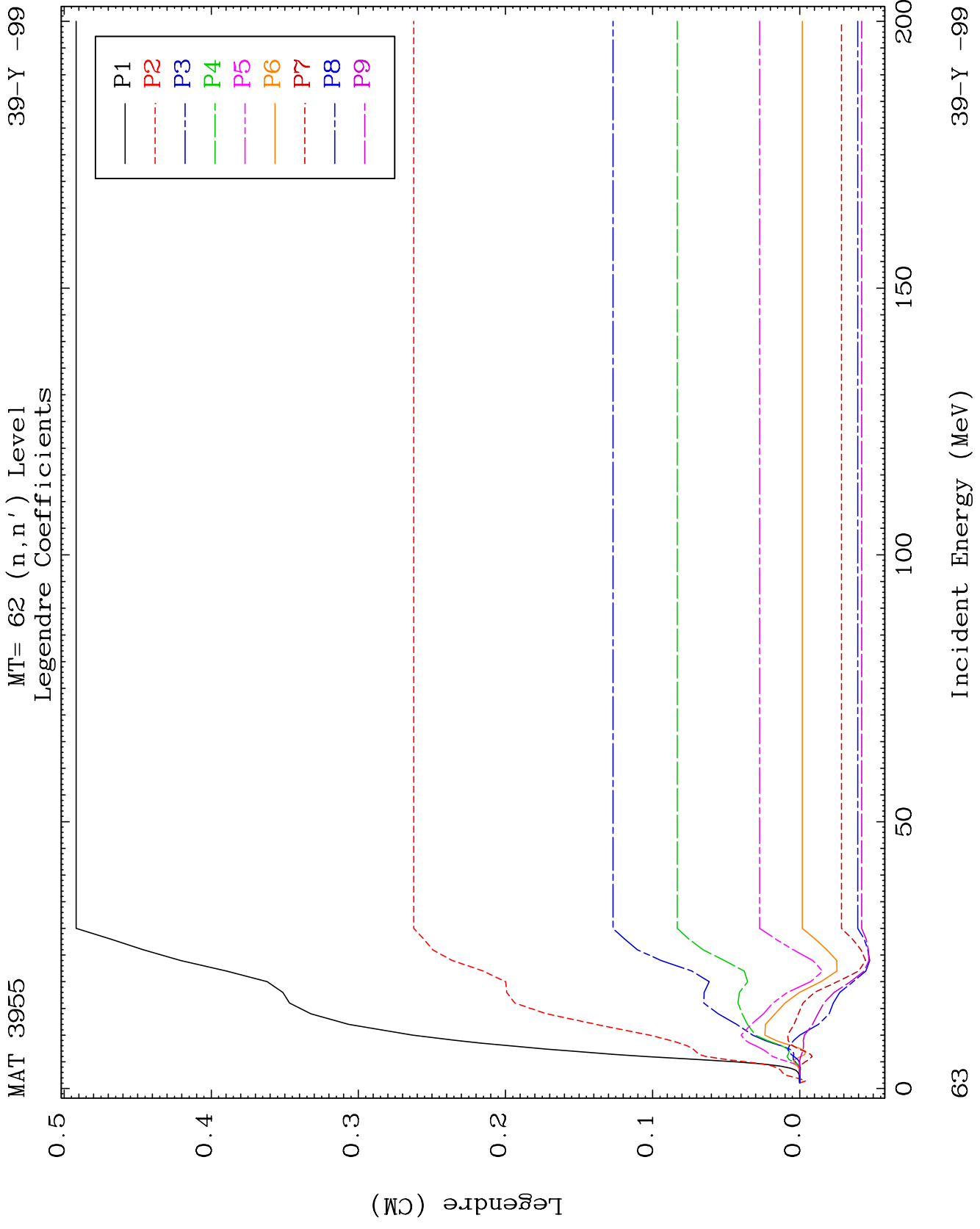
39-Y -99



62

Incident Energy (MeV)

39-Y -99

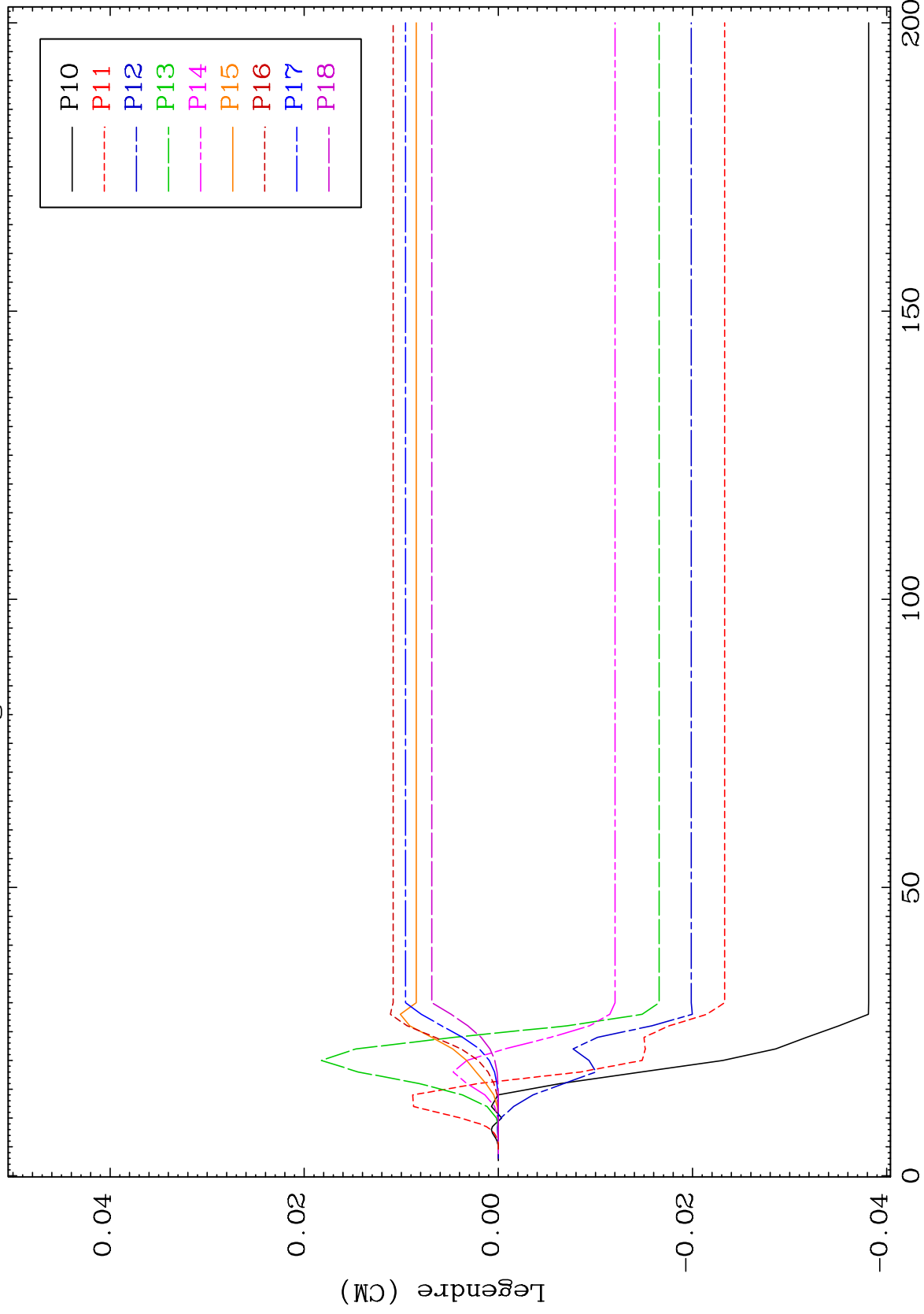




MAT 3955

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

39-Y -99



64

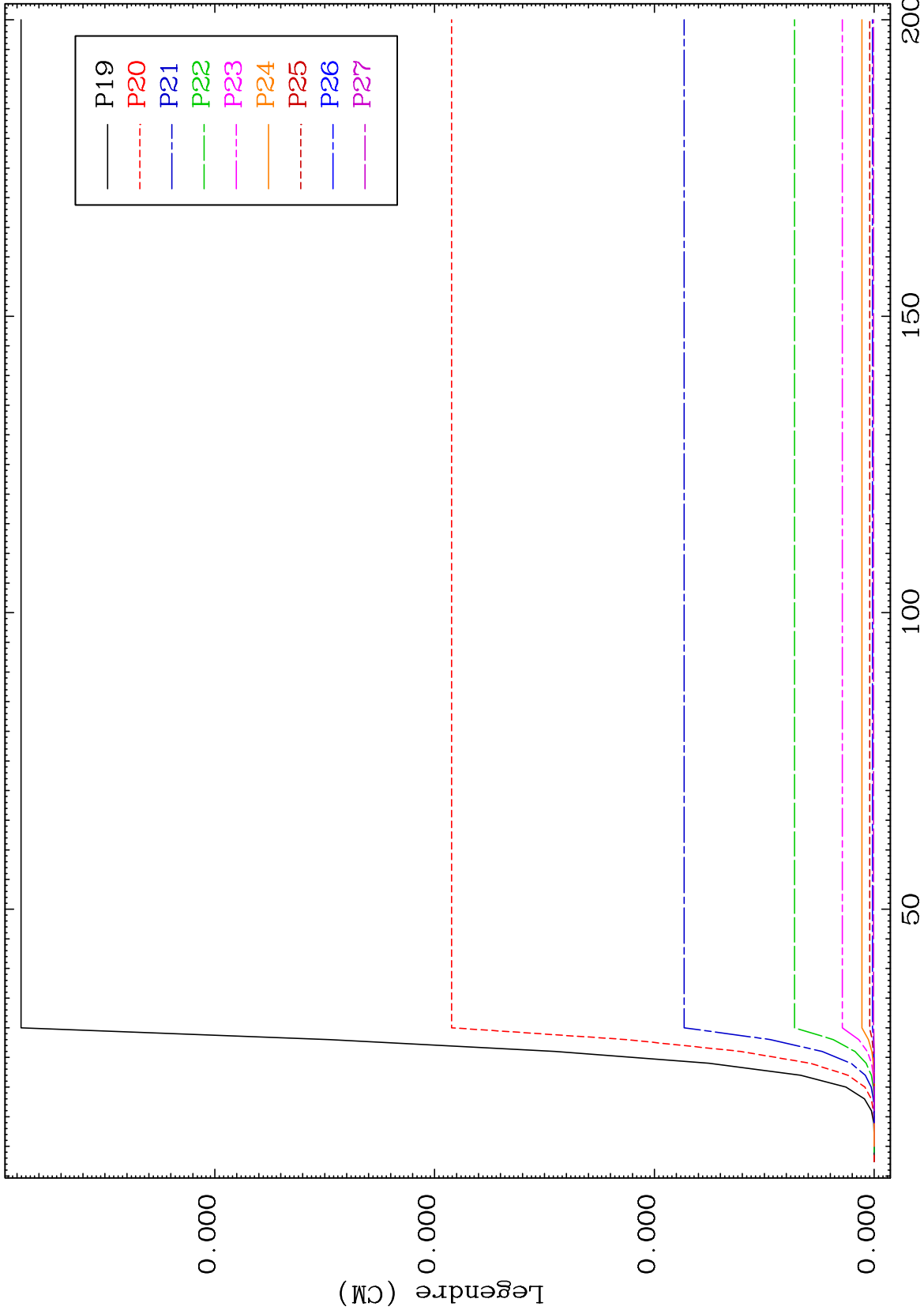
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



65

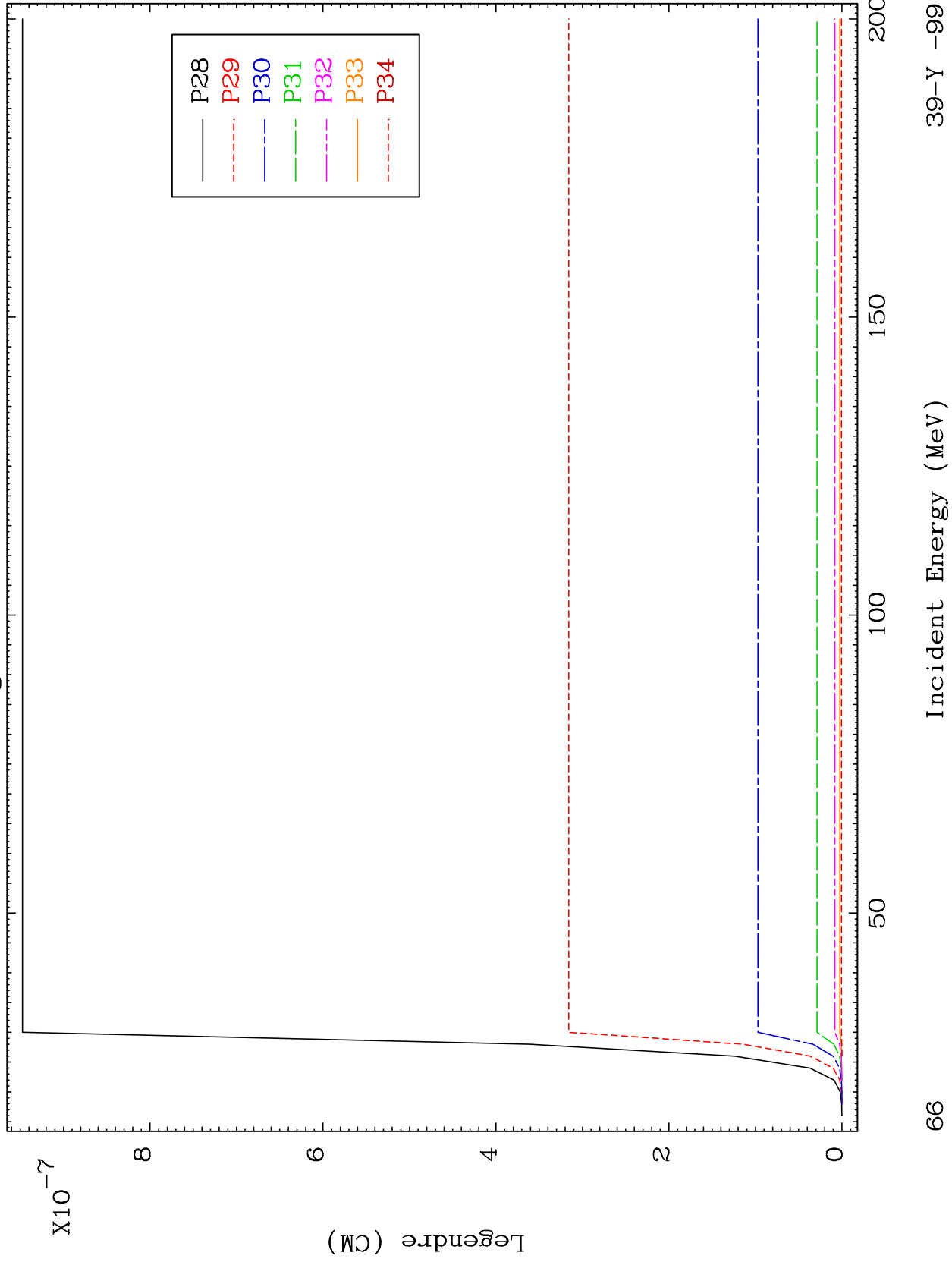
Incident Energy (MeV)

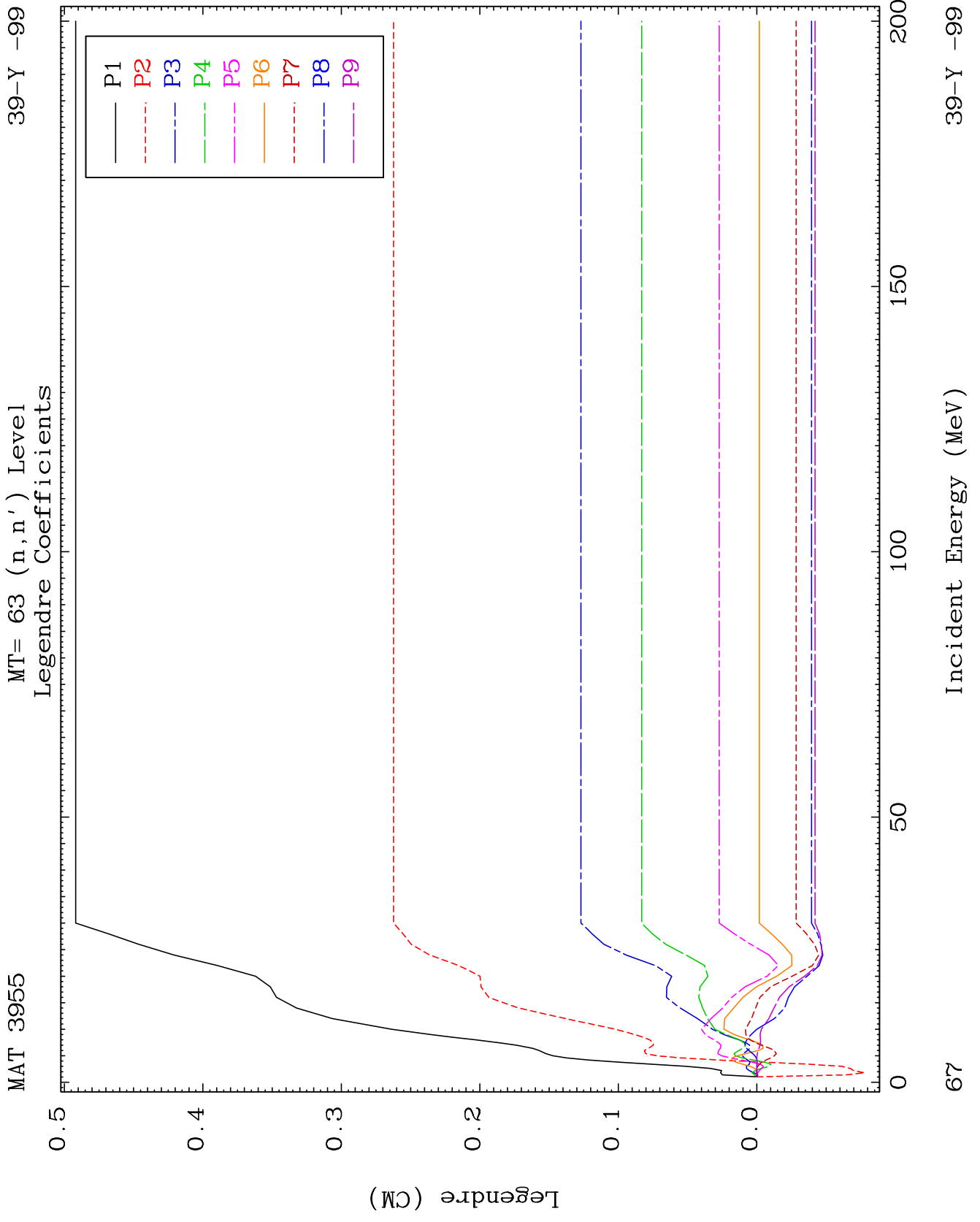
39-Y -99

MAT 3955

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

39-Y -99

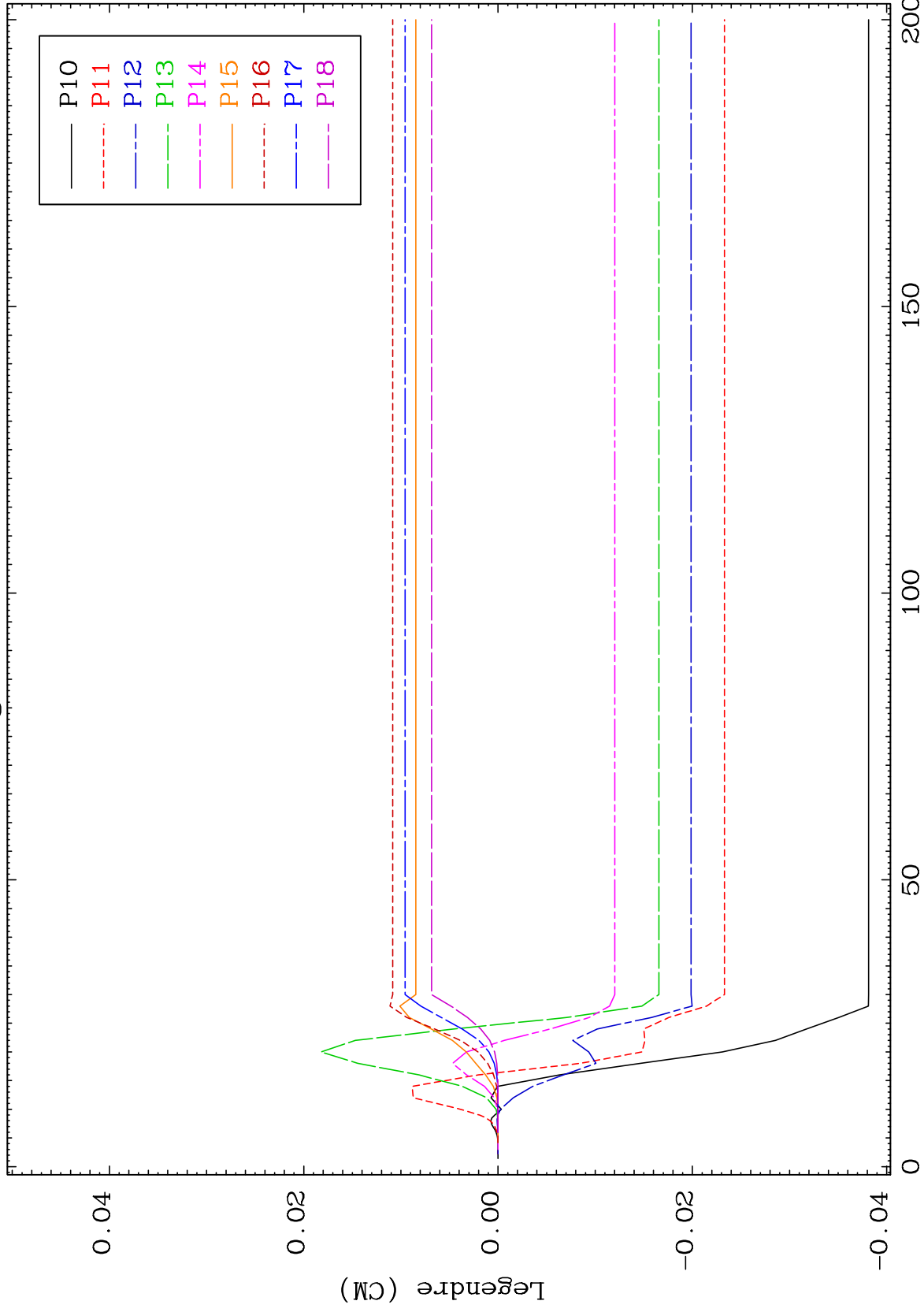




MAT 3955

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

39-Y -99



68

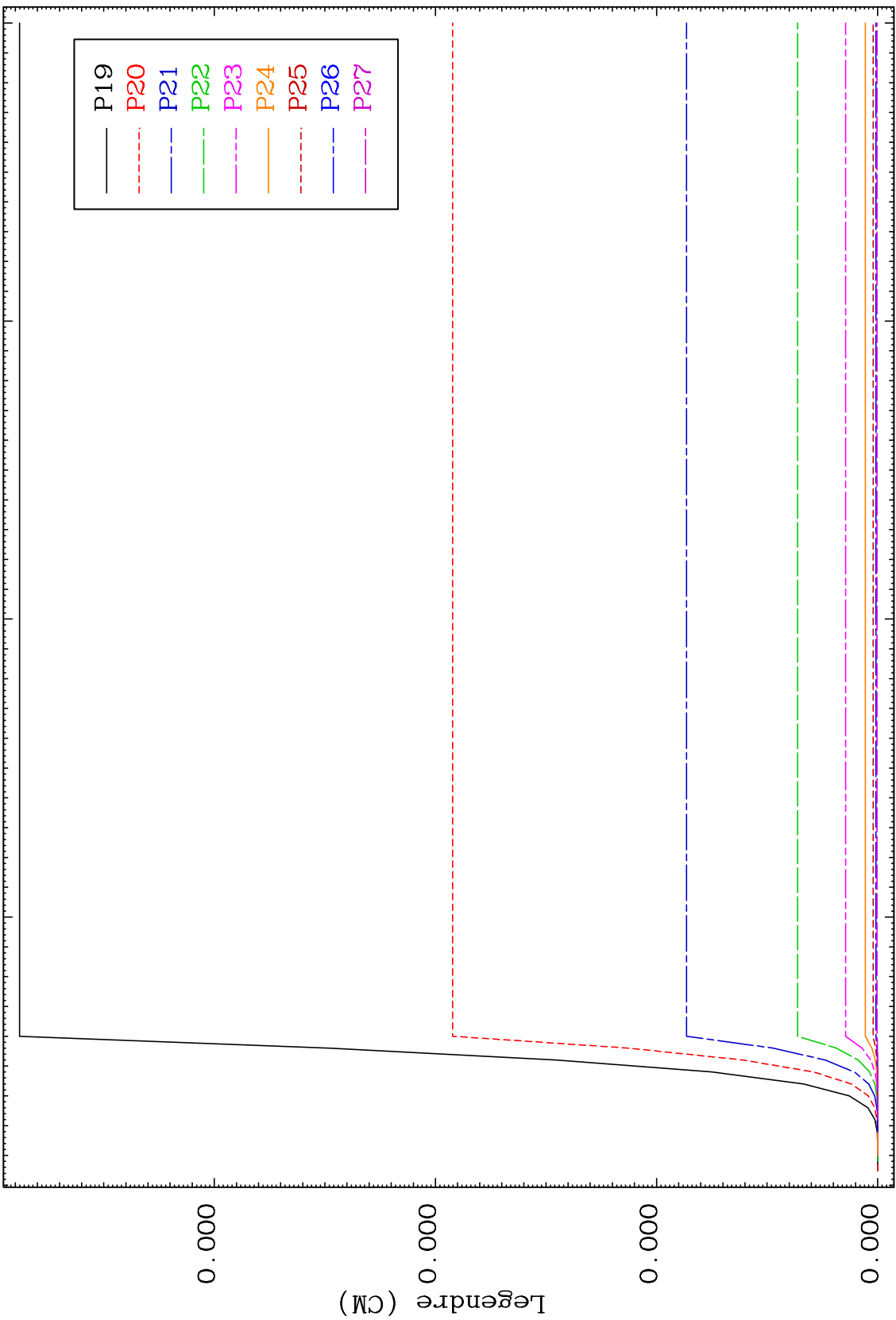
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



69

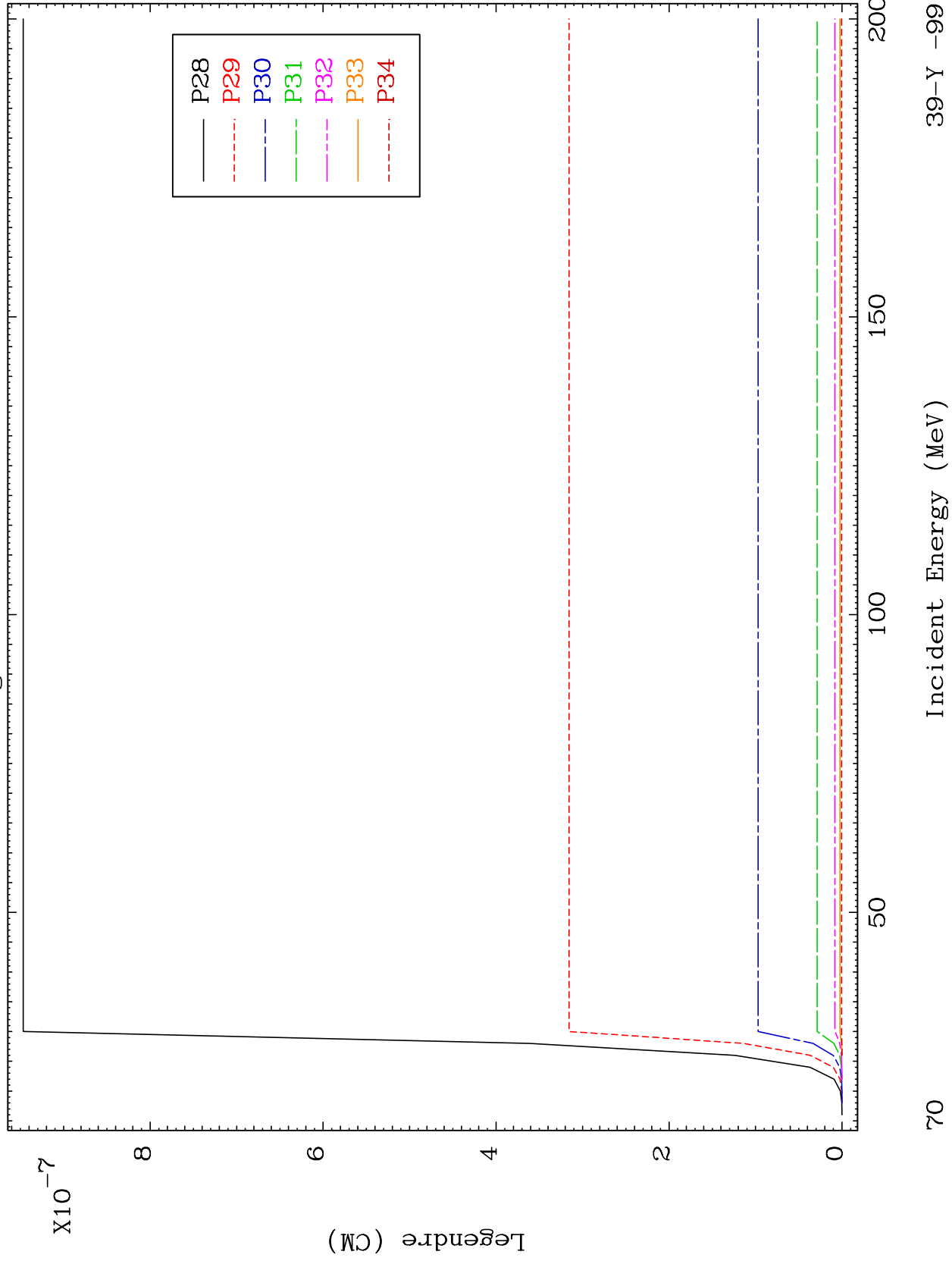
Incident Energy (MeV)

39-Y -99

MAT 3955

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

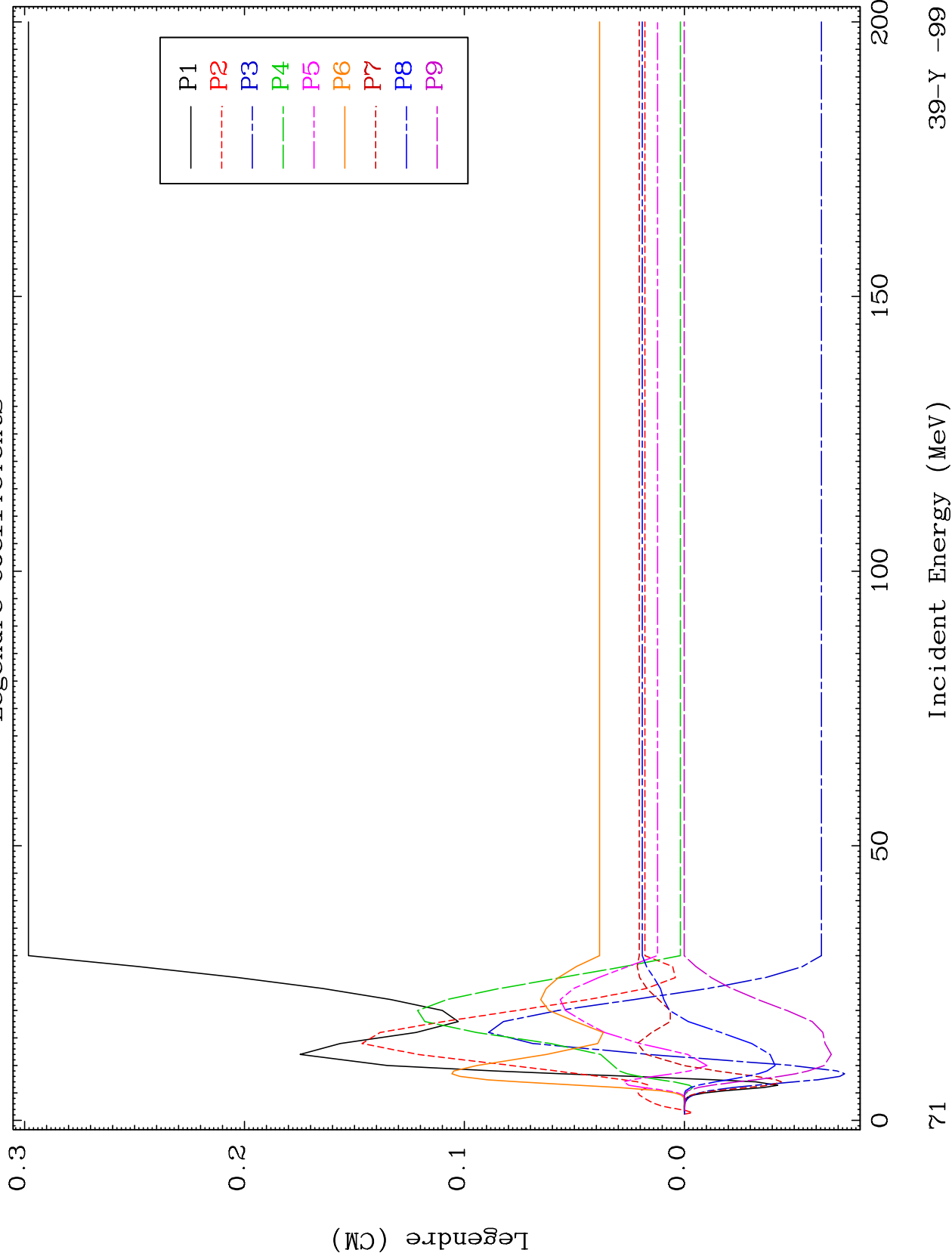
39-Y -99



MAT 3955

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

39-Y -99



71

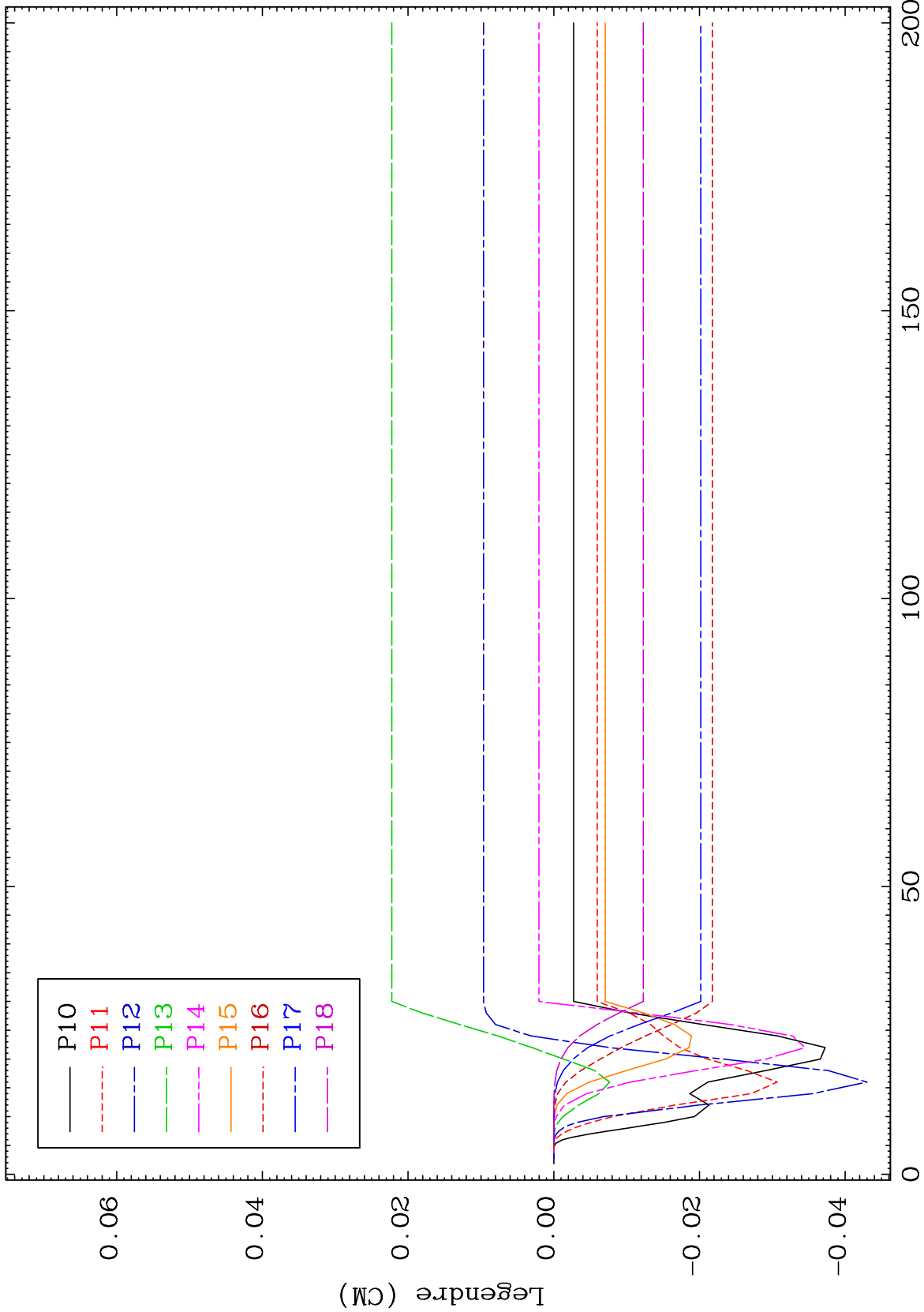
39-Y -99



MAT 3955

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

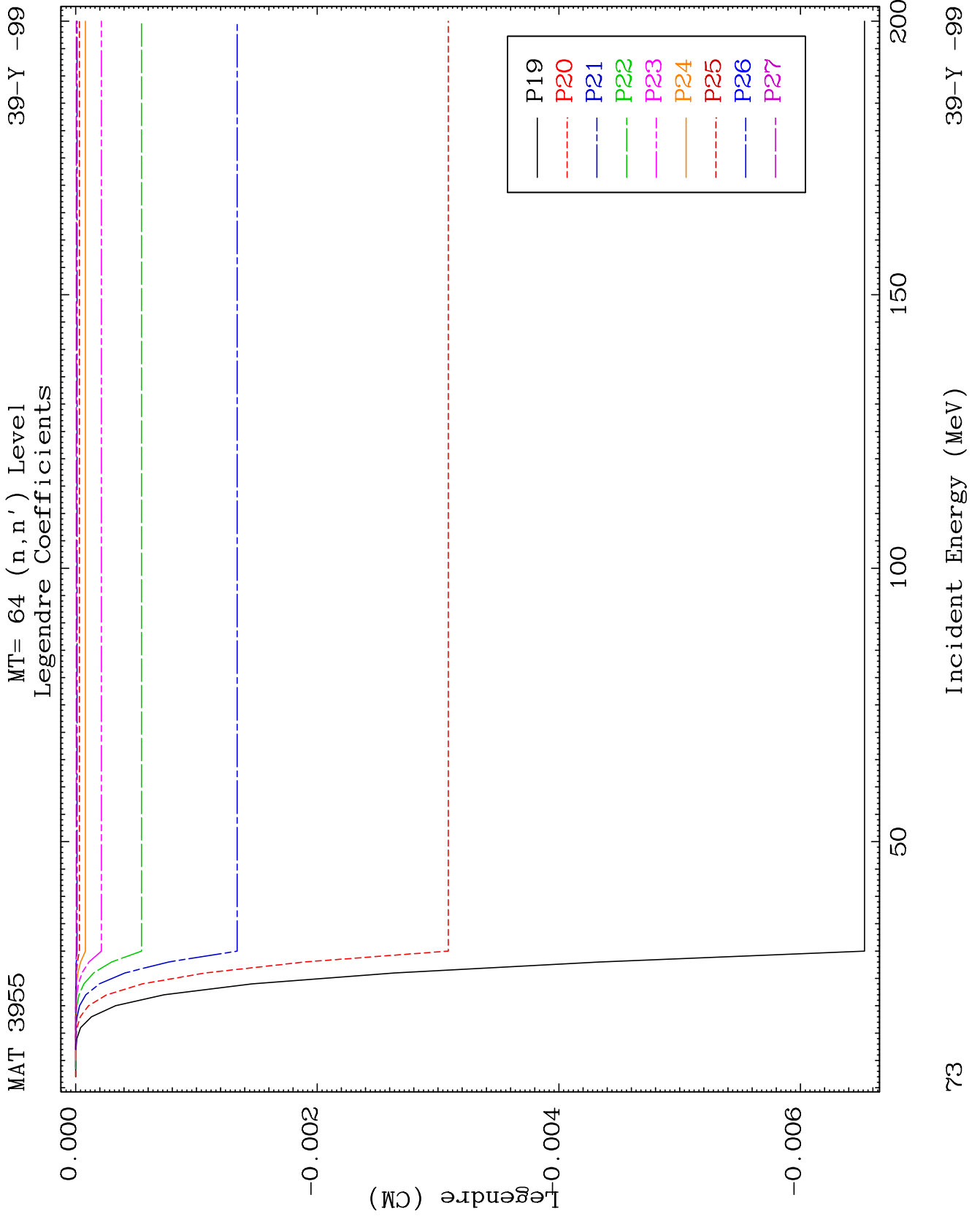
39-Y -99

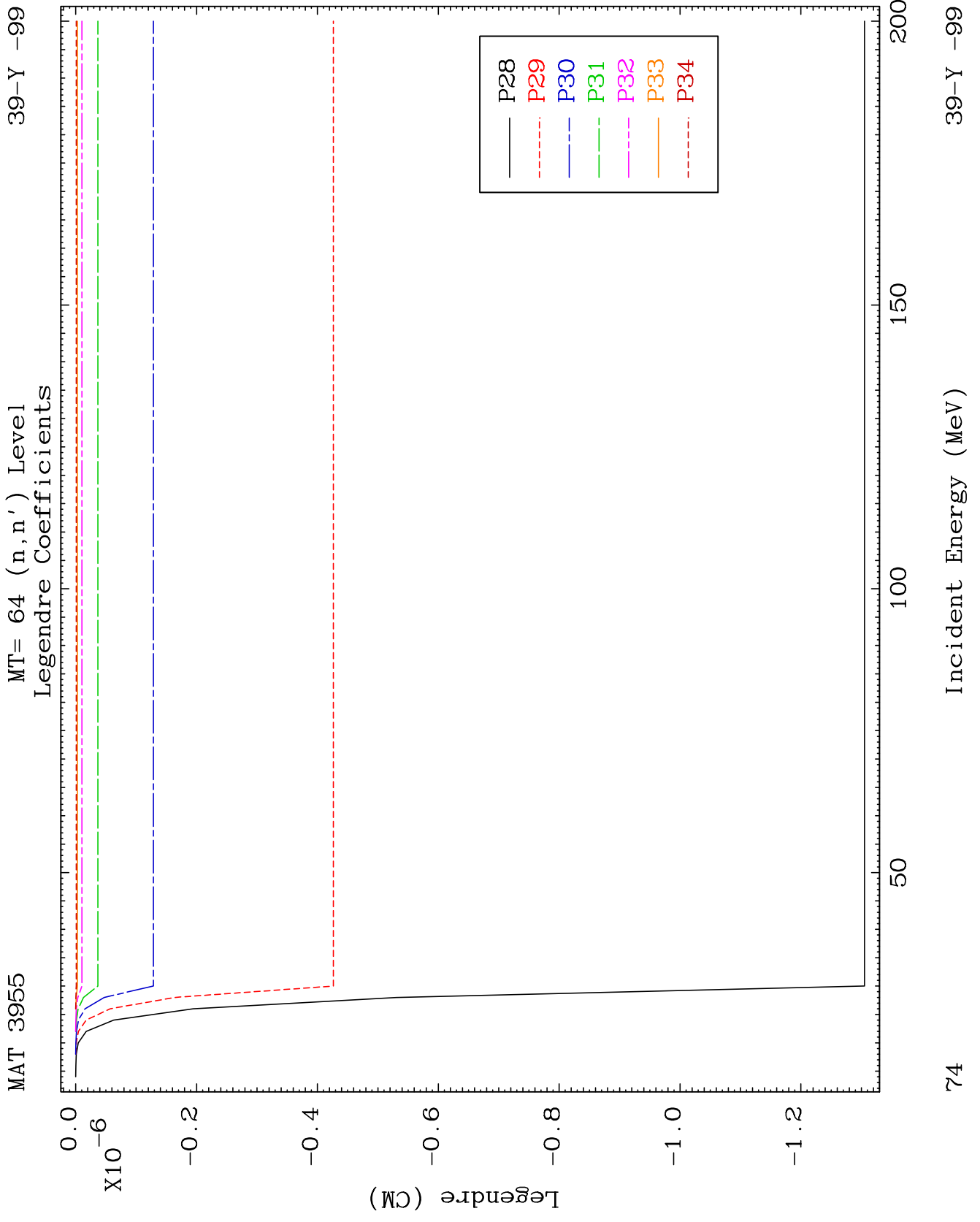


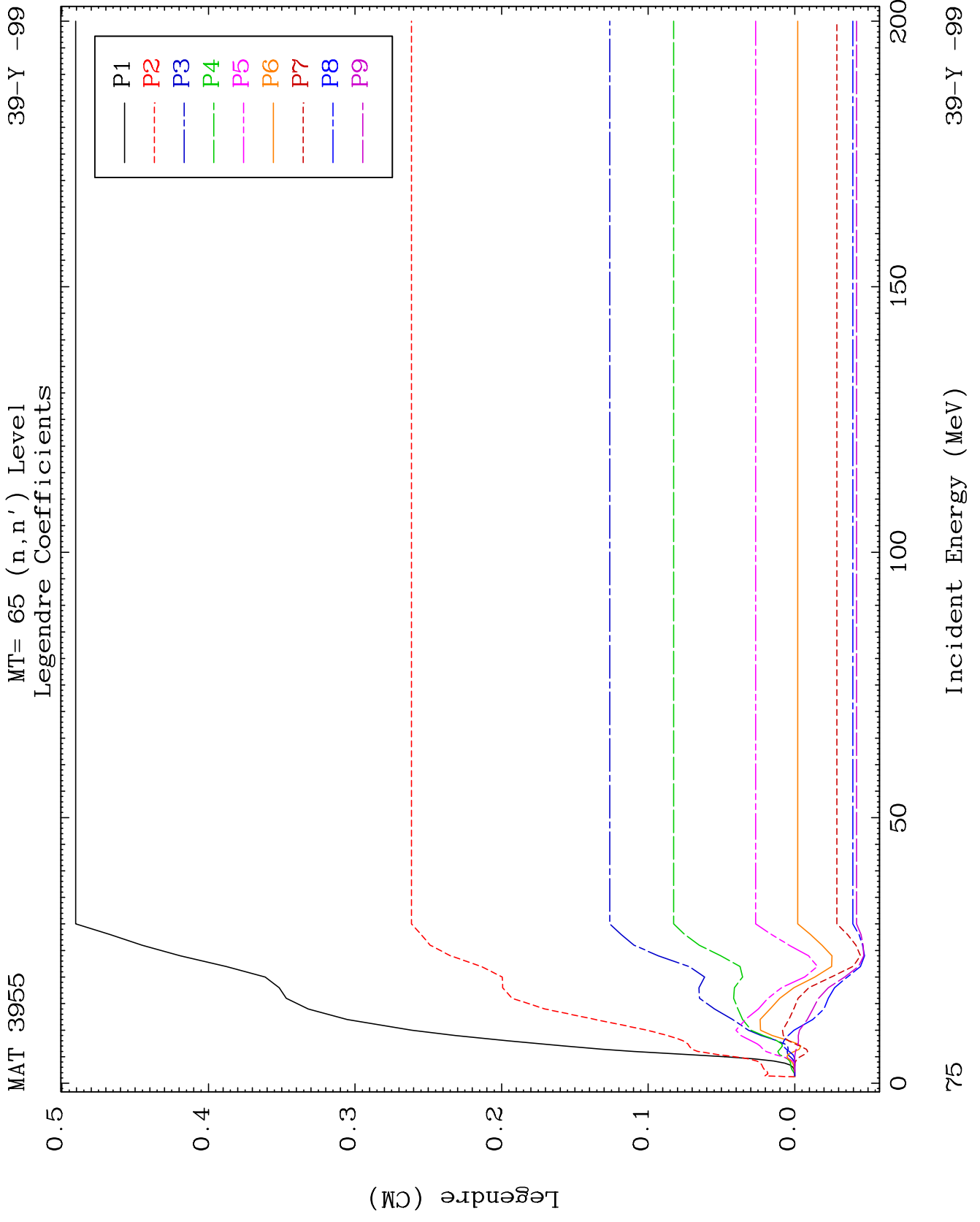
72

Incident Energy (MeV)

39-Y -99



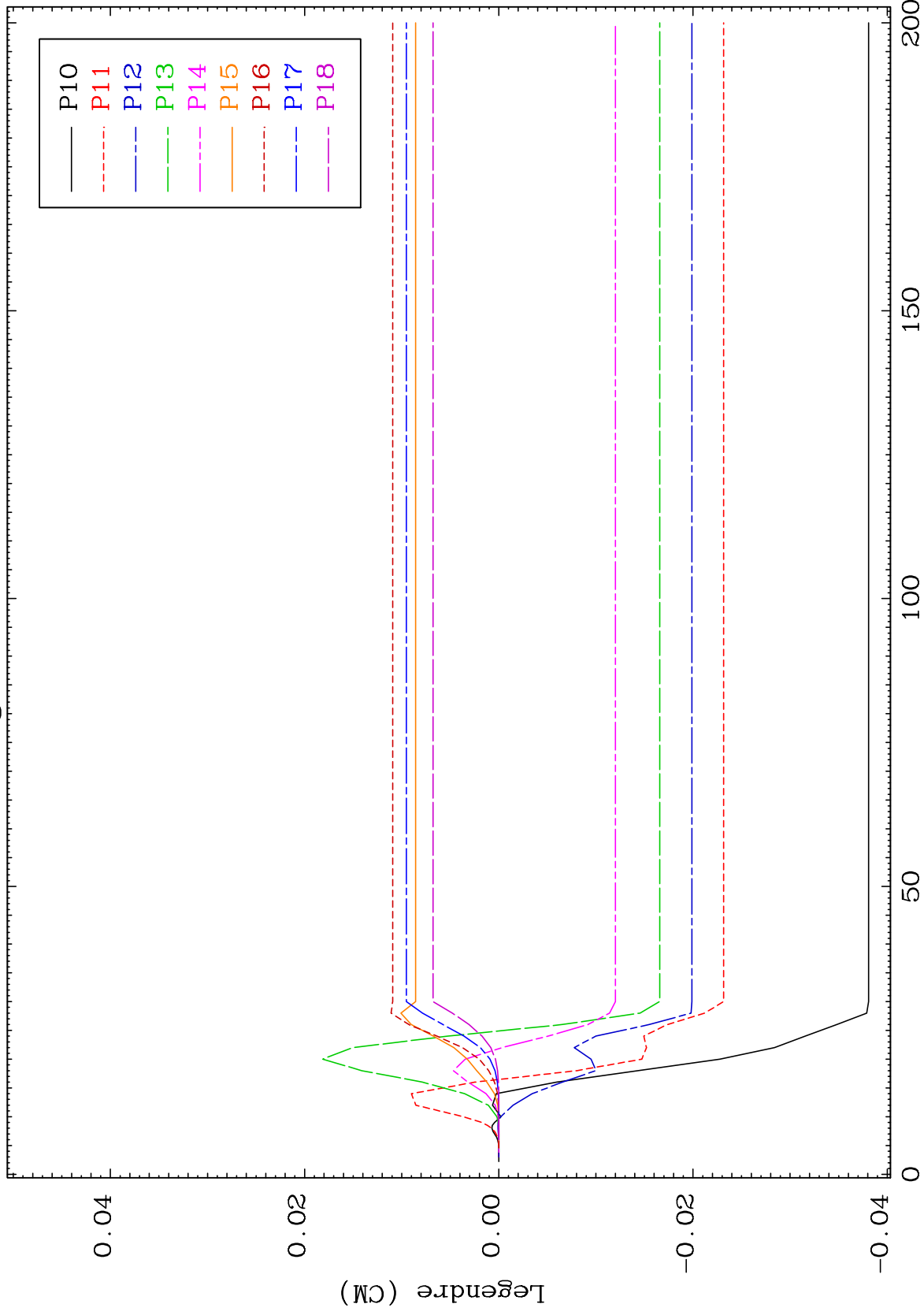




MAT 3955

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

39-Y -99



76

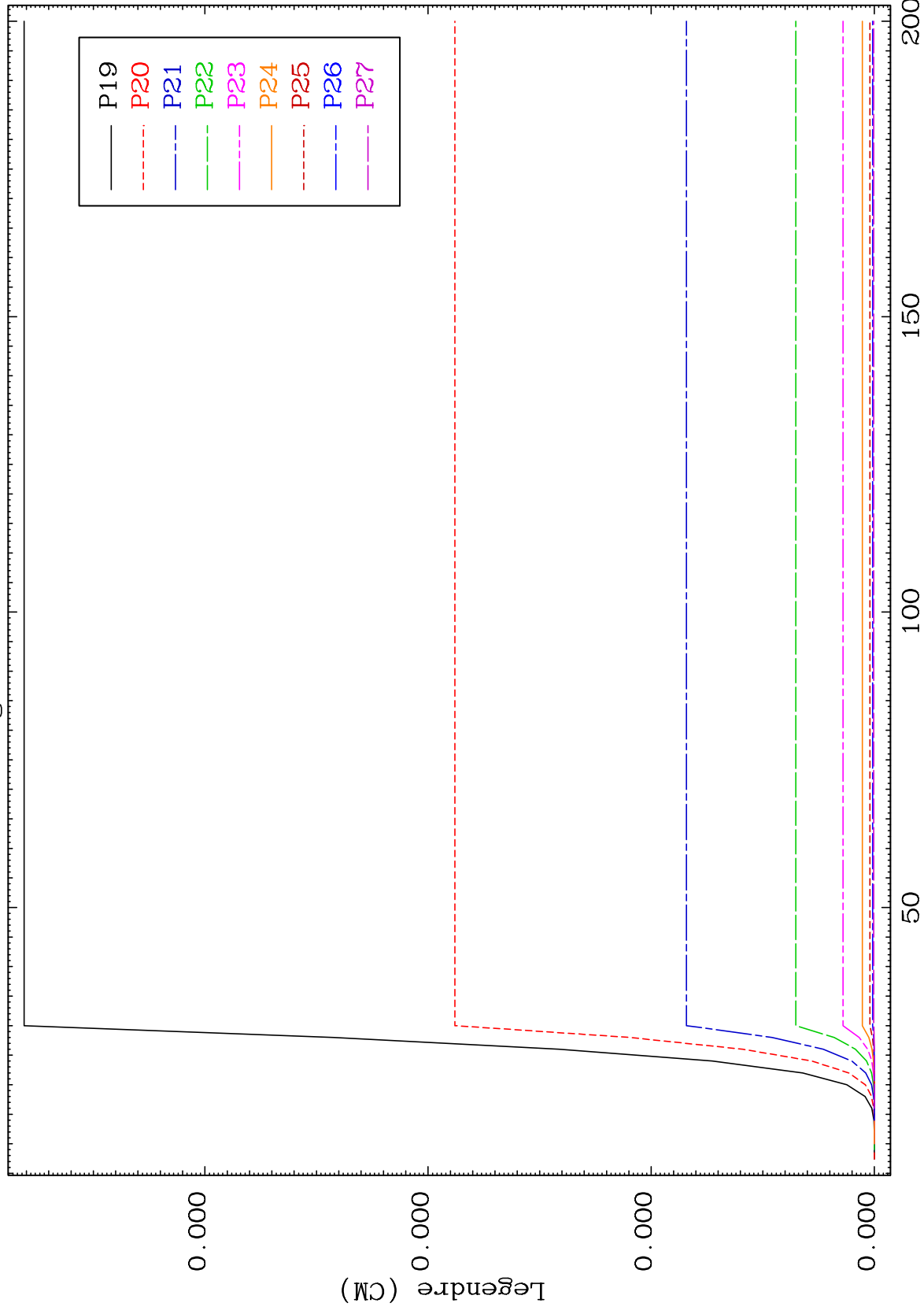
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



77

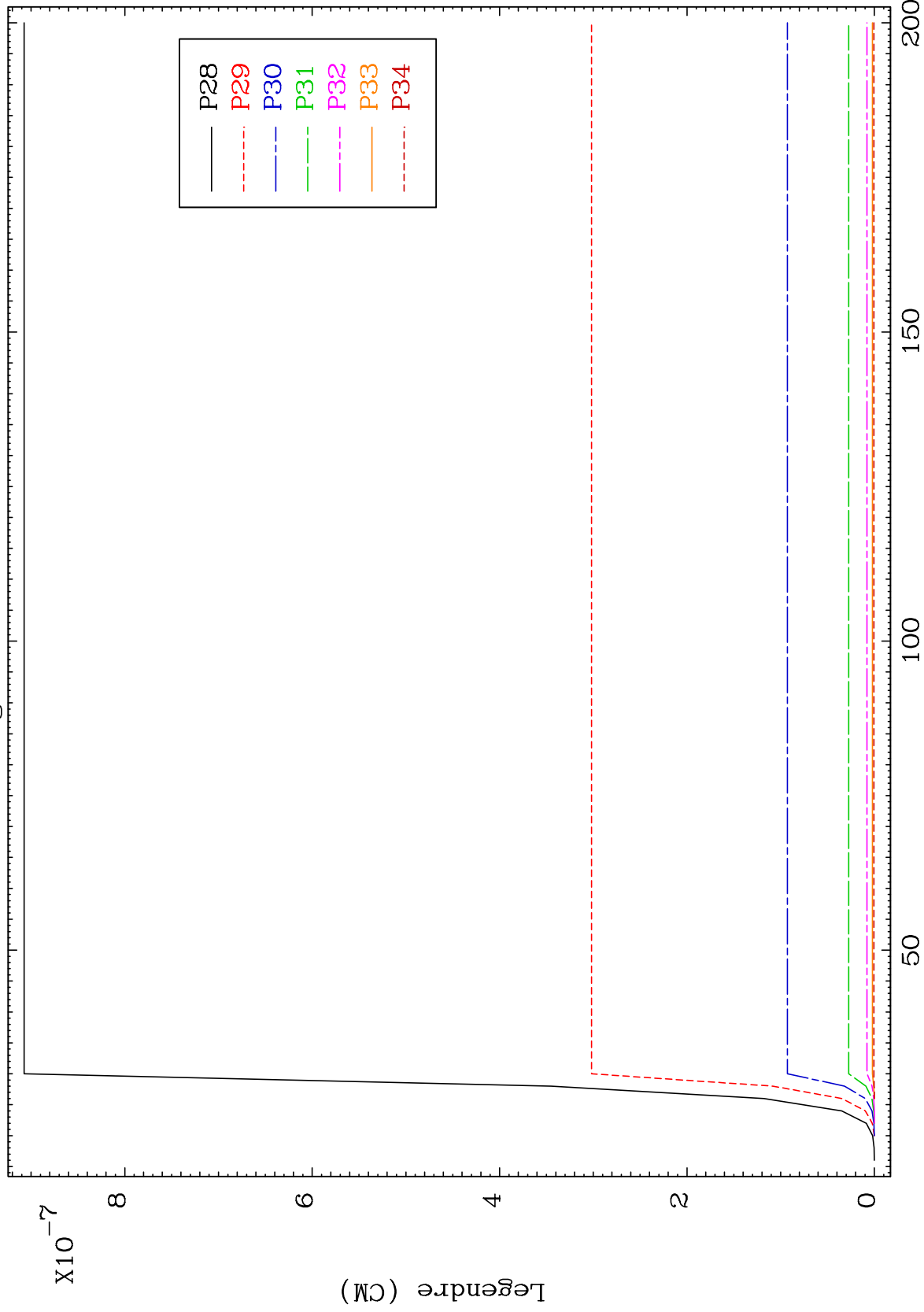
Incident Energy (MeV)

39-Y -99

MAT 3955

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

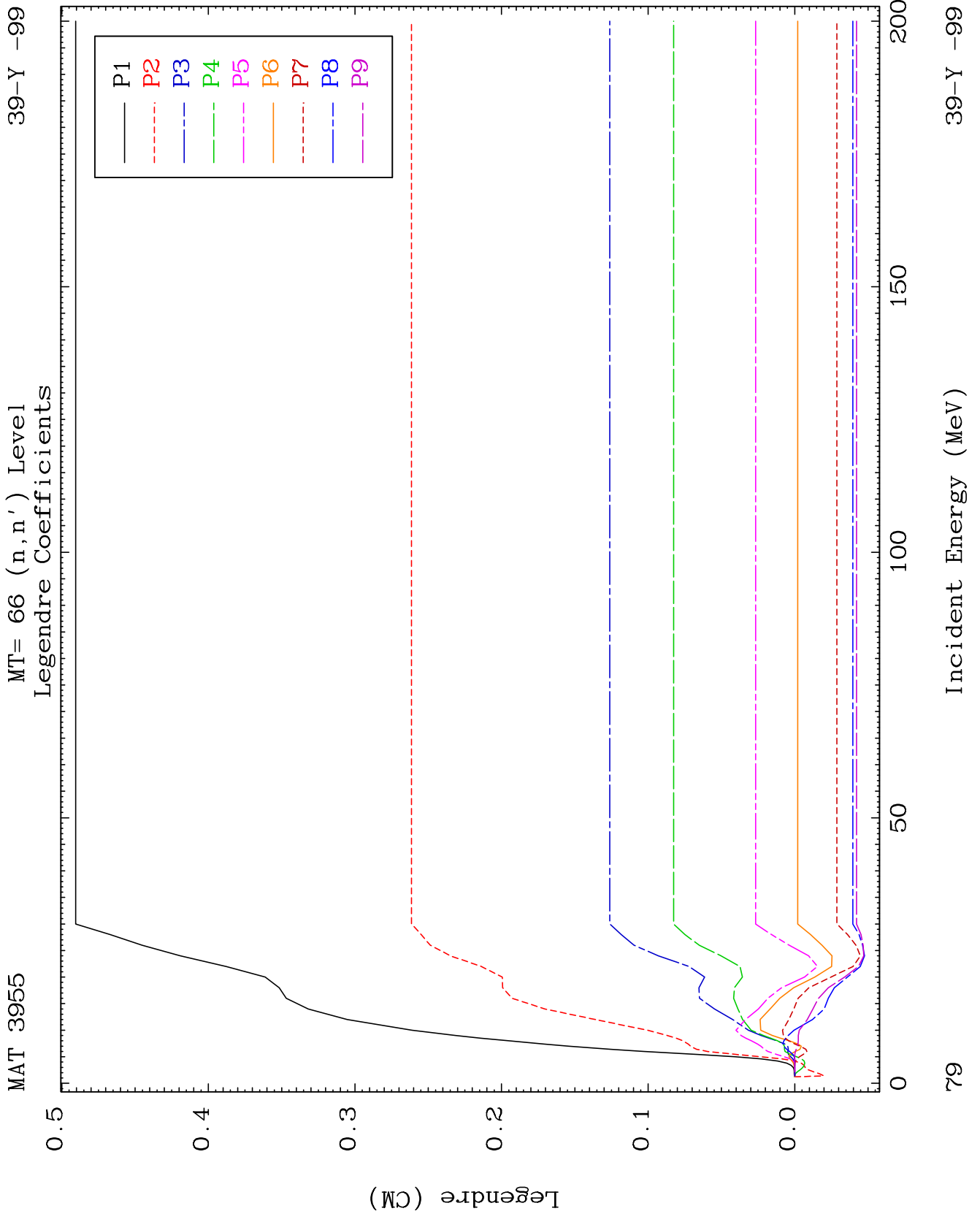
39-Y -99



78

Incident Energy (MeV)

39-Y -99

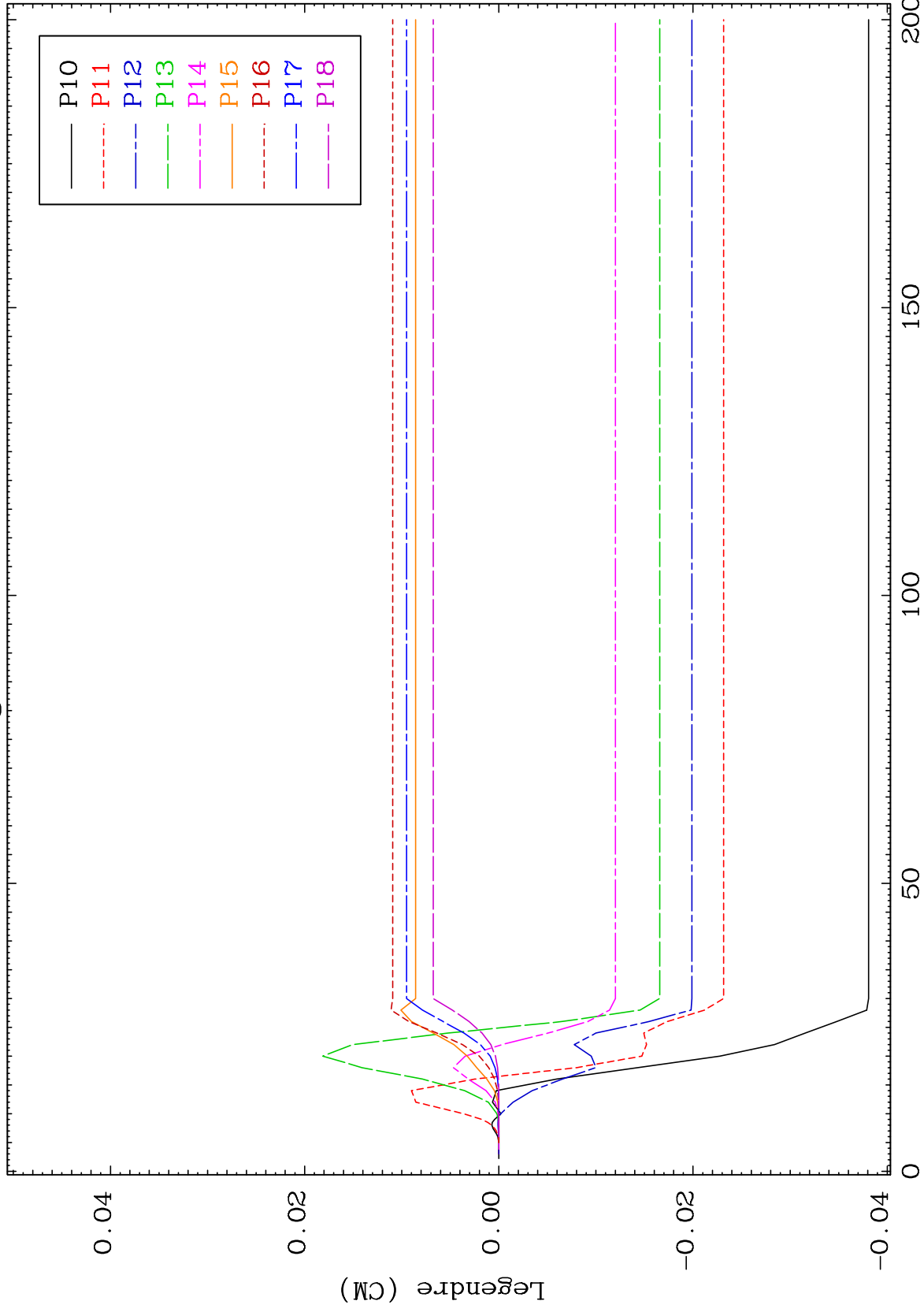




MAT 3955

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

39-Y -99



39-Y -99

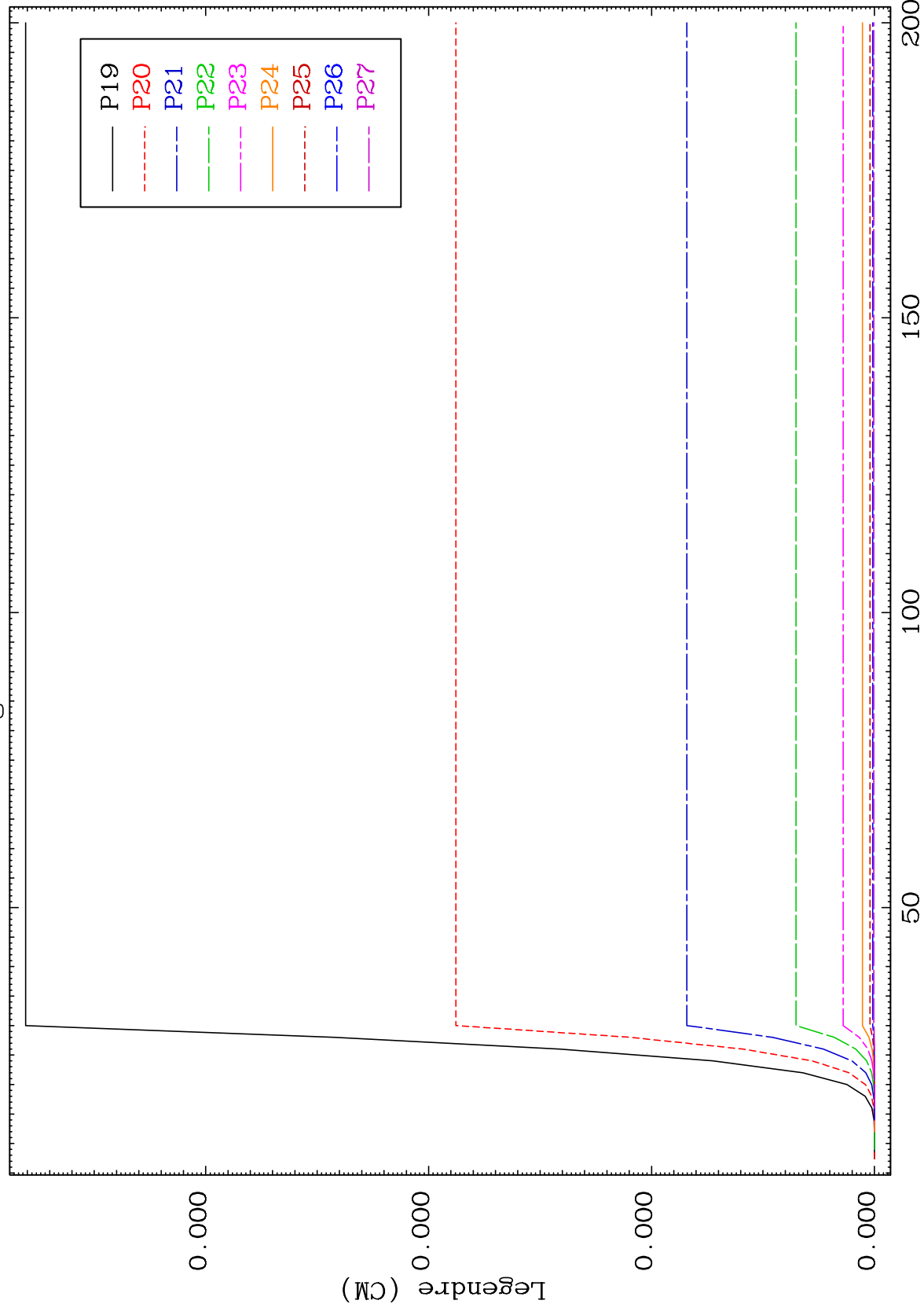
Incident Energy (MeV)

80

MAT 3955

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

39-Y -99



81

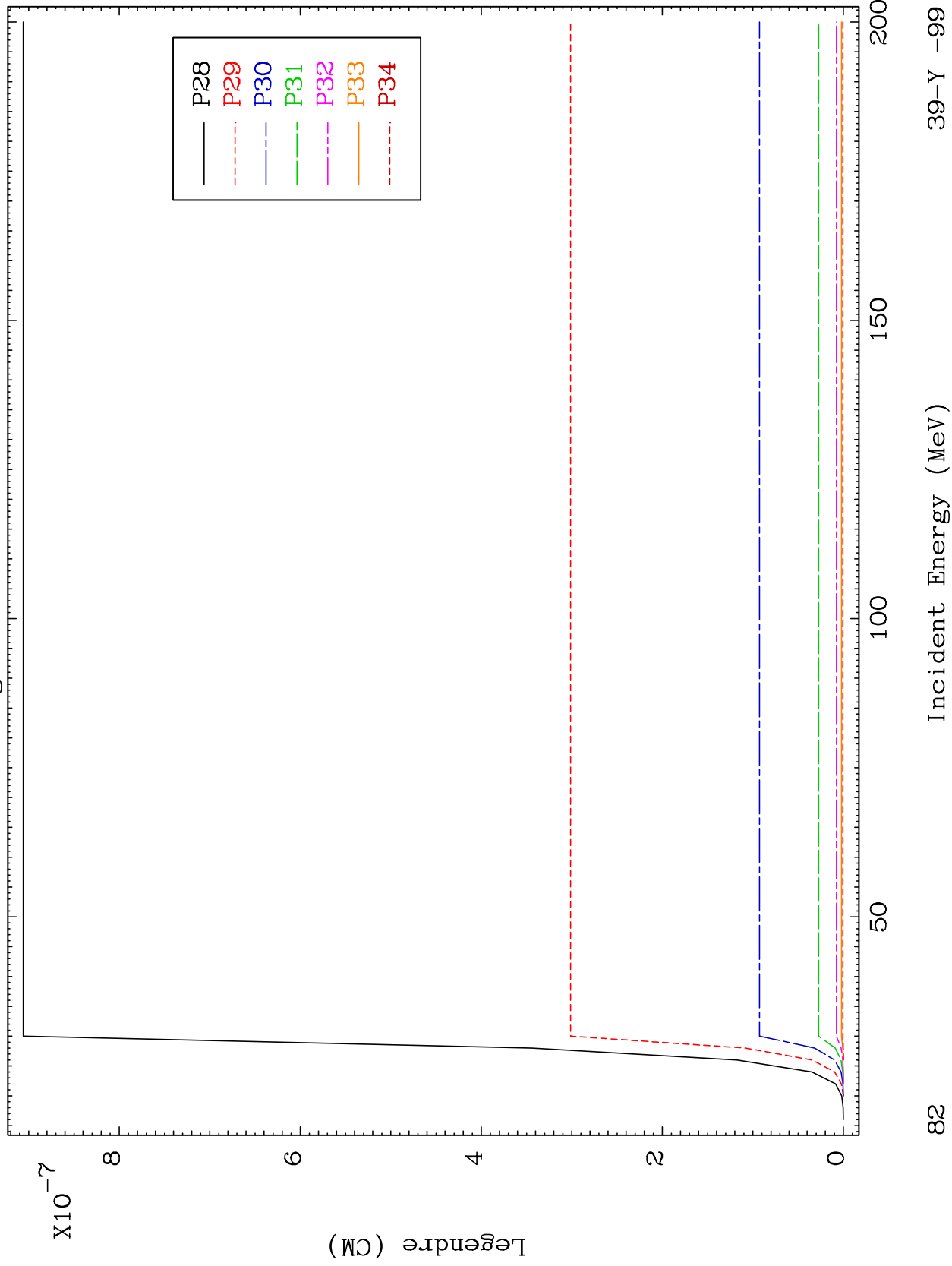
Incident Energy (MeV)

39-Y -99

MAT 3955

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

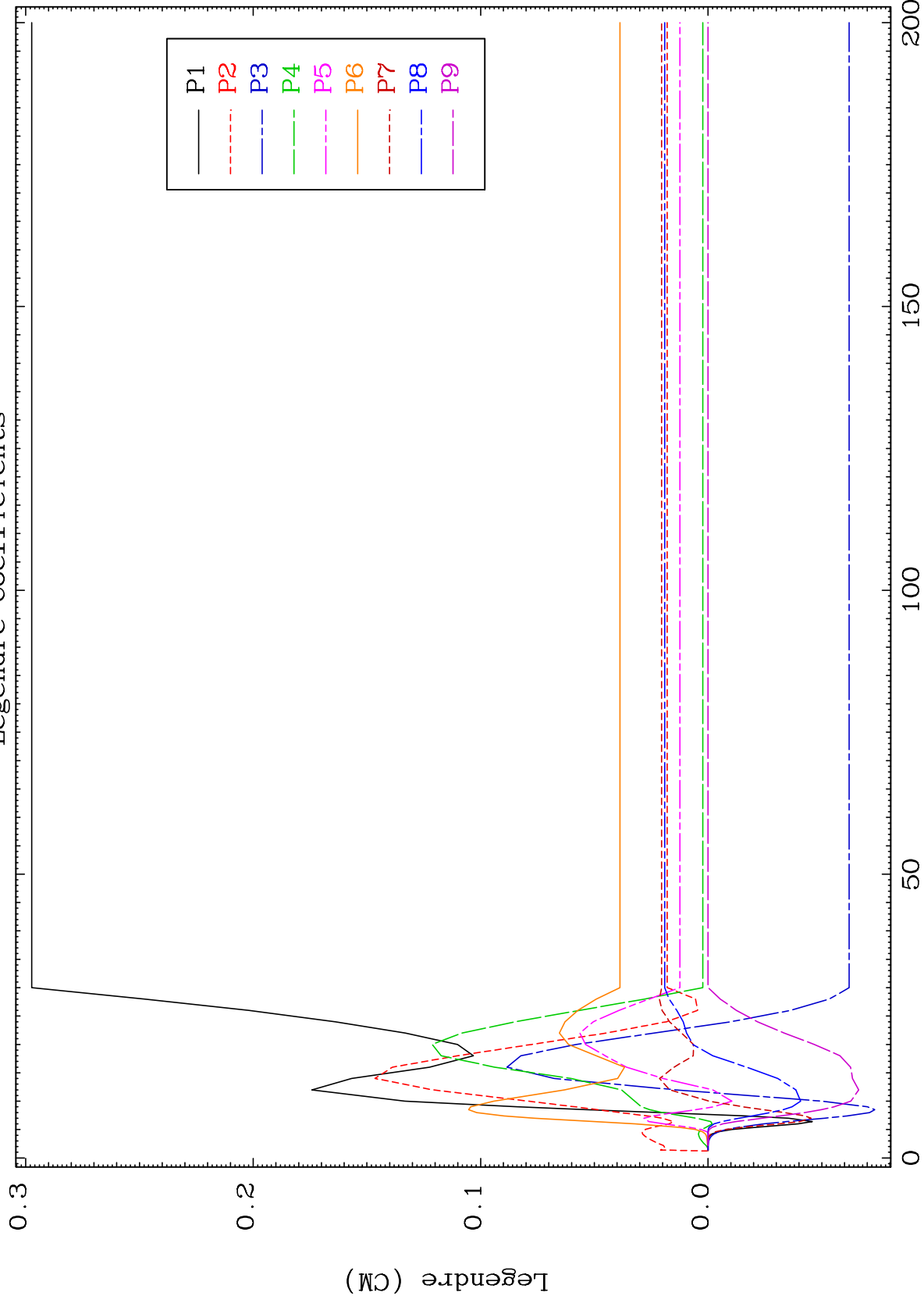
39-Y -99



MAT 3955

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

39-Y -99



83

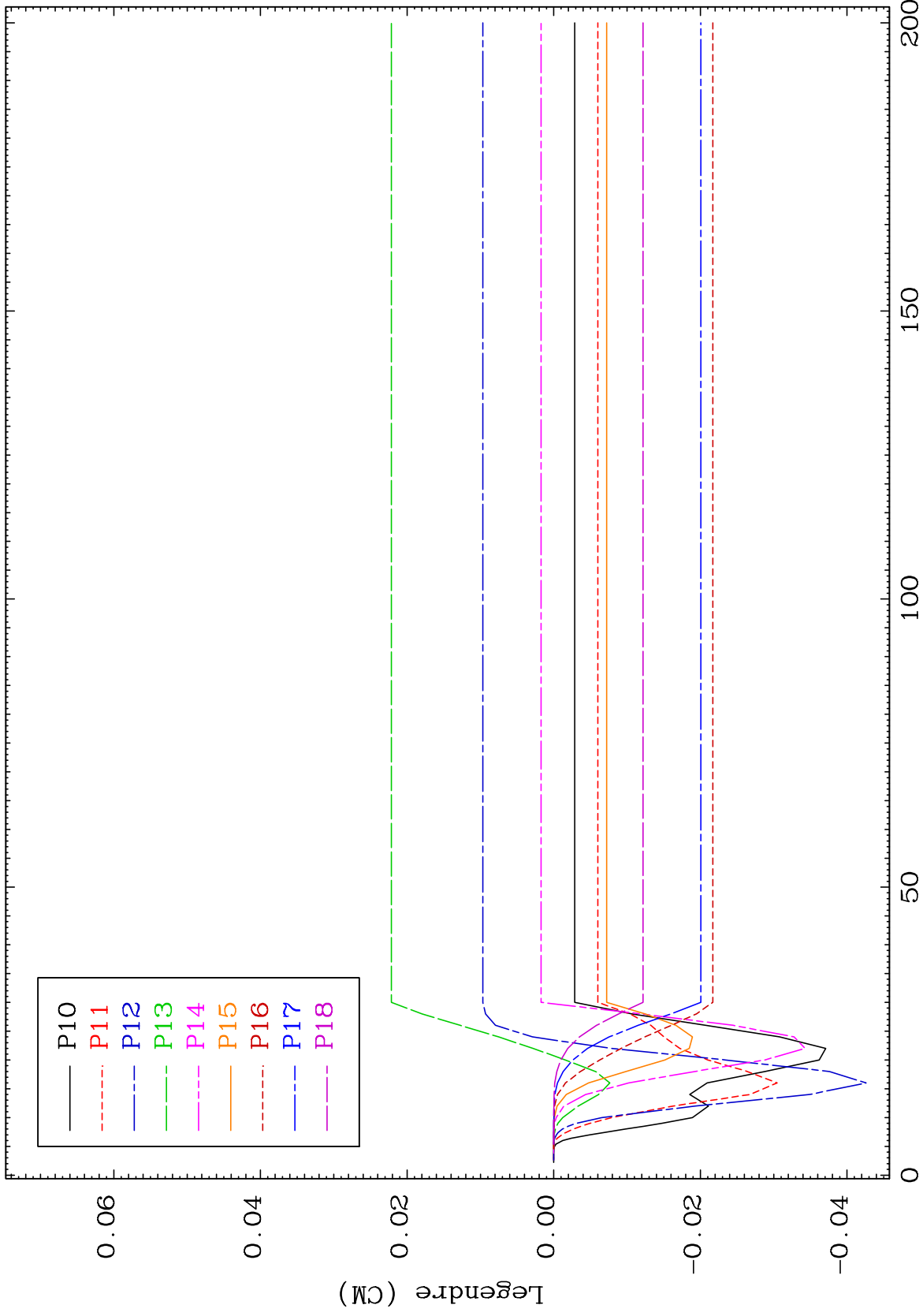
Incident Energy (MeV)

39-Y -99

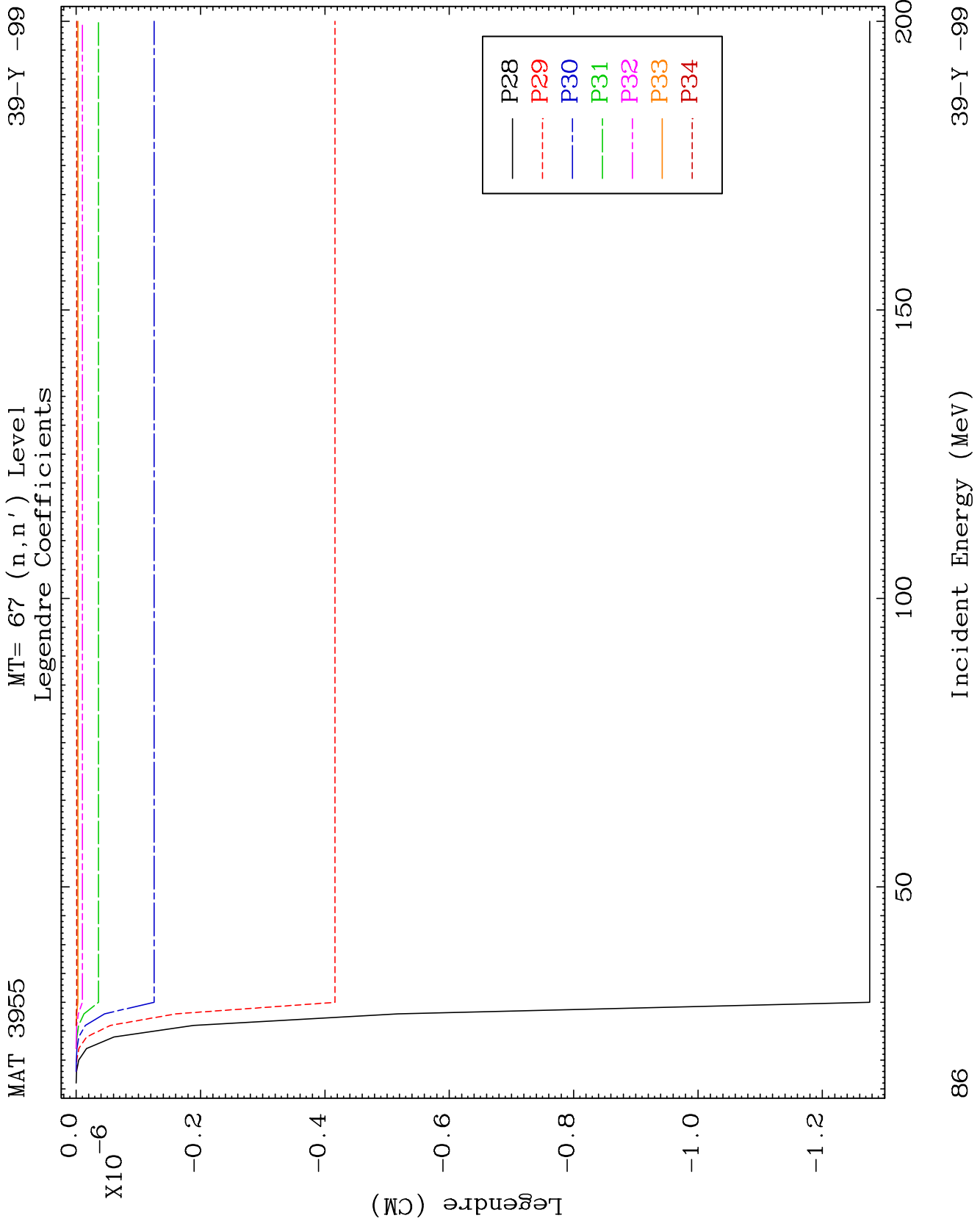
MAT 3955

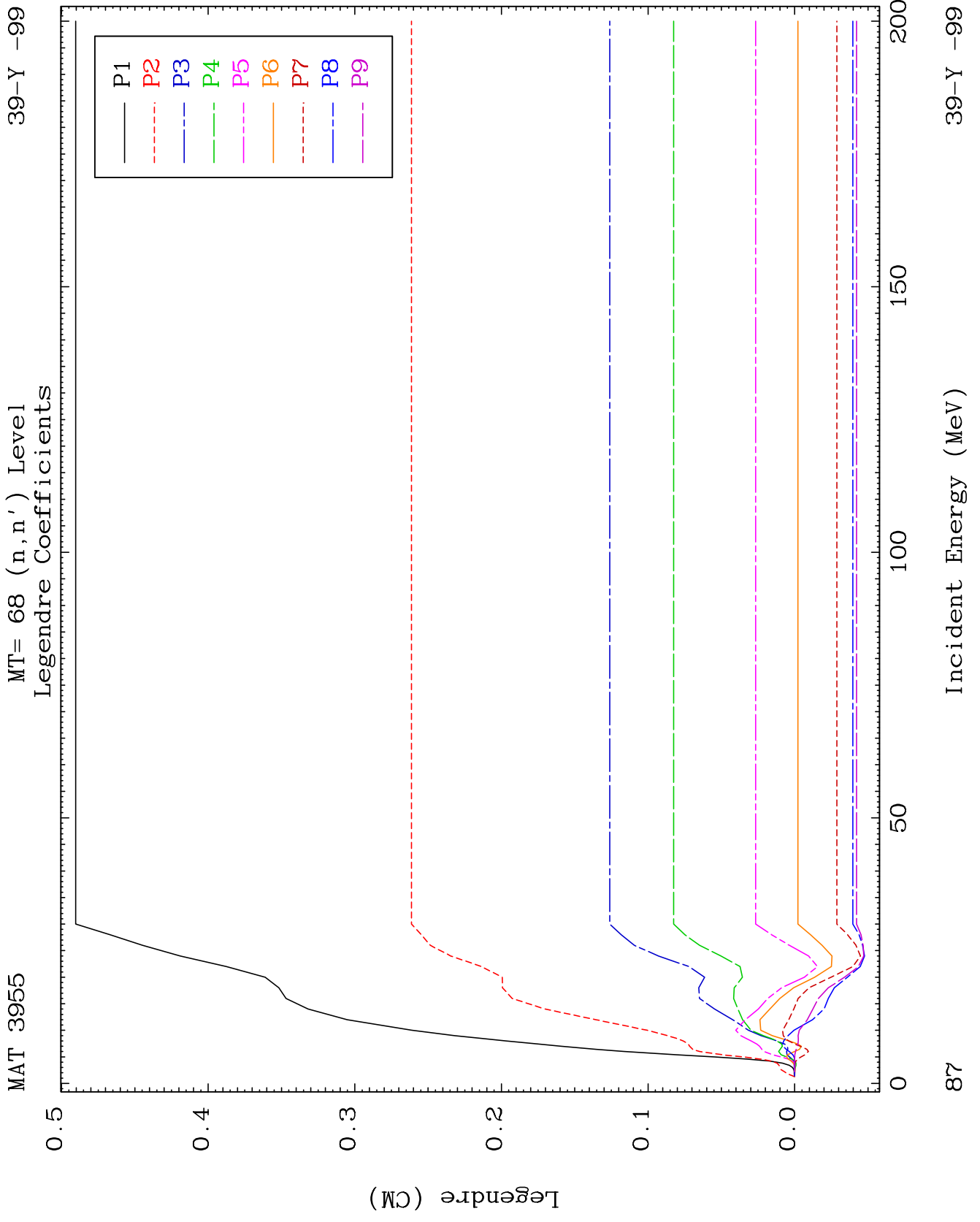
MT= 67 (n,n') Level  
Legendre Coefficients

39-Y -99







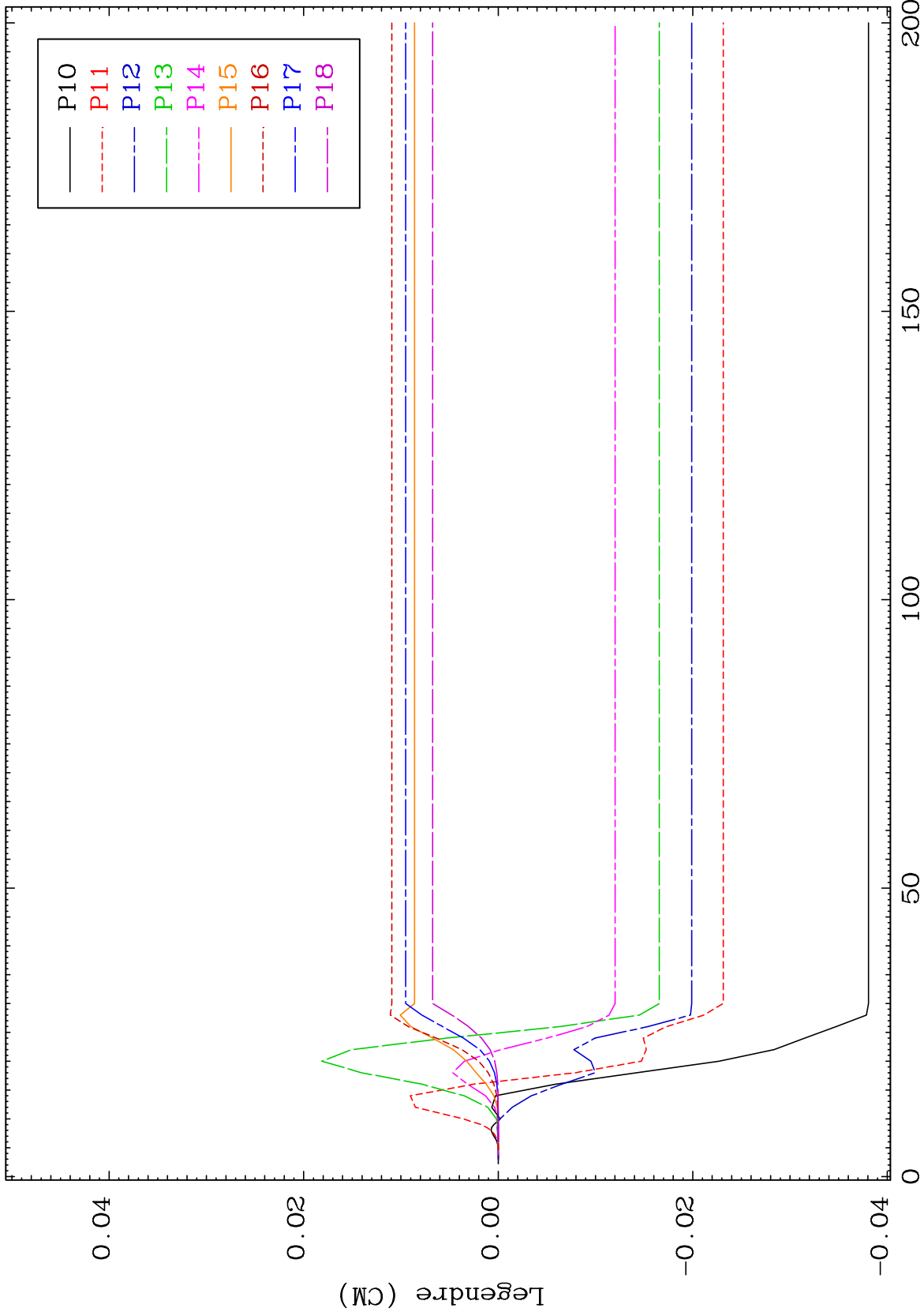




MAT 3955

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

39-Y -99



88

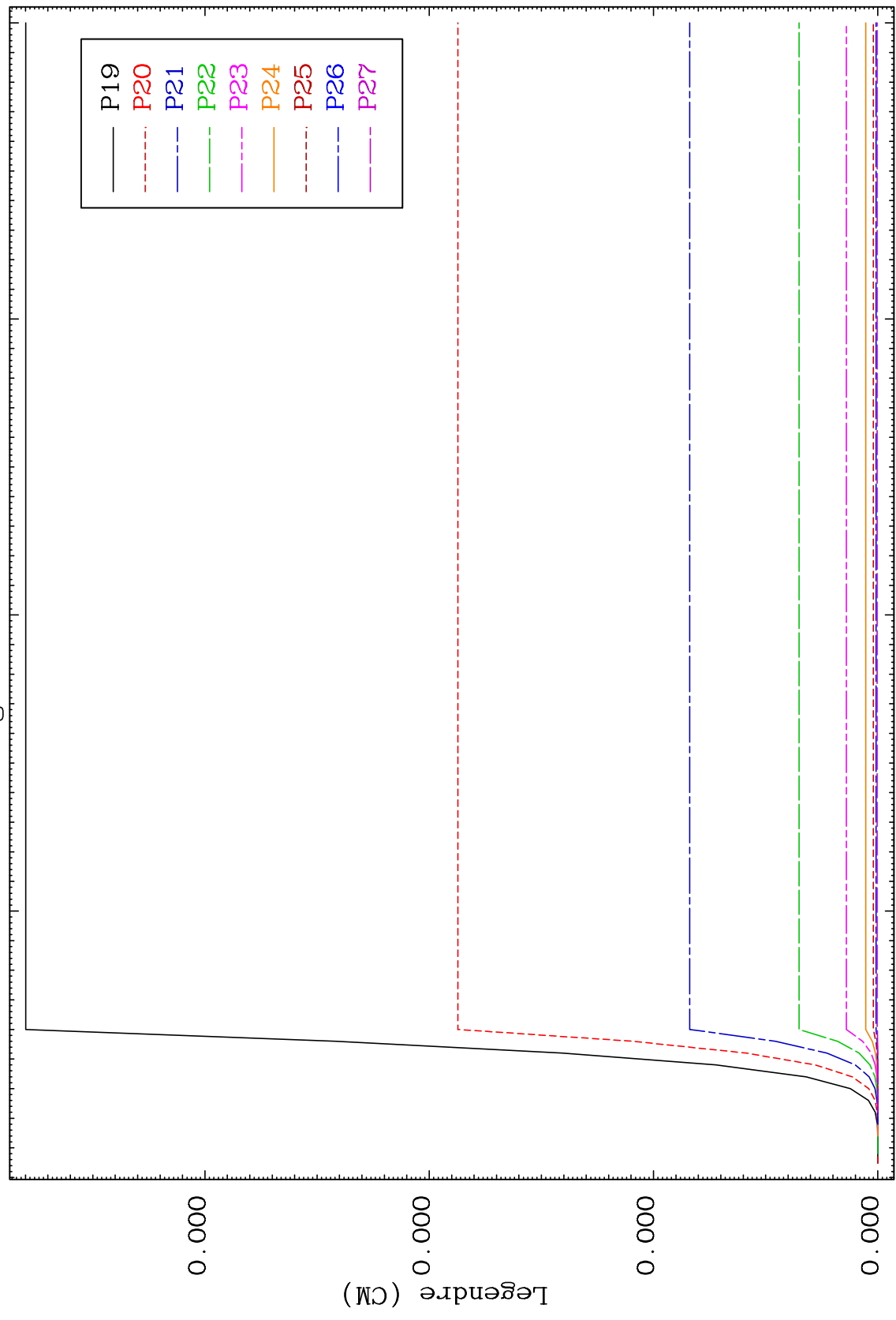
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



89

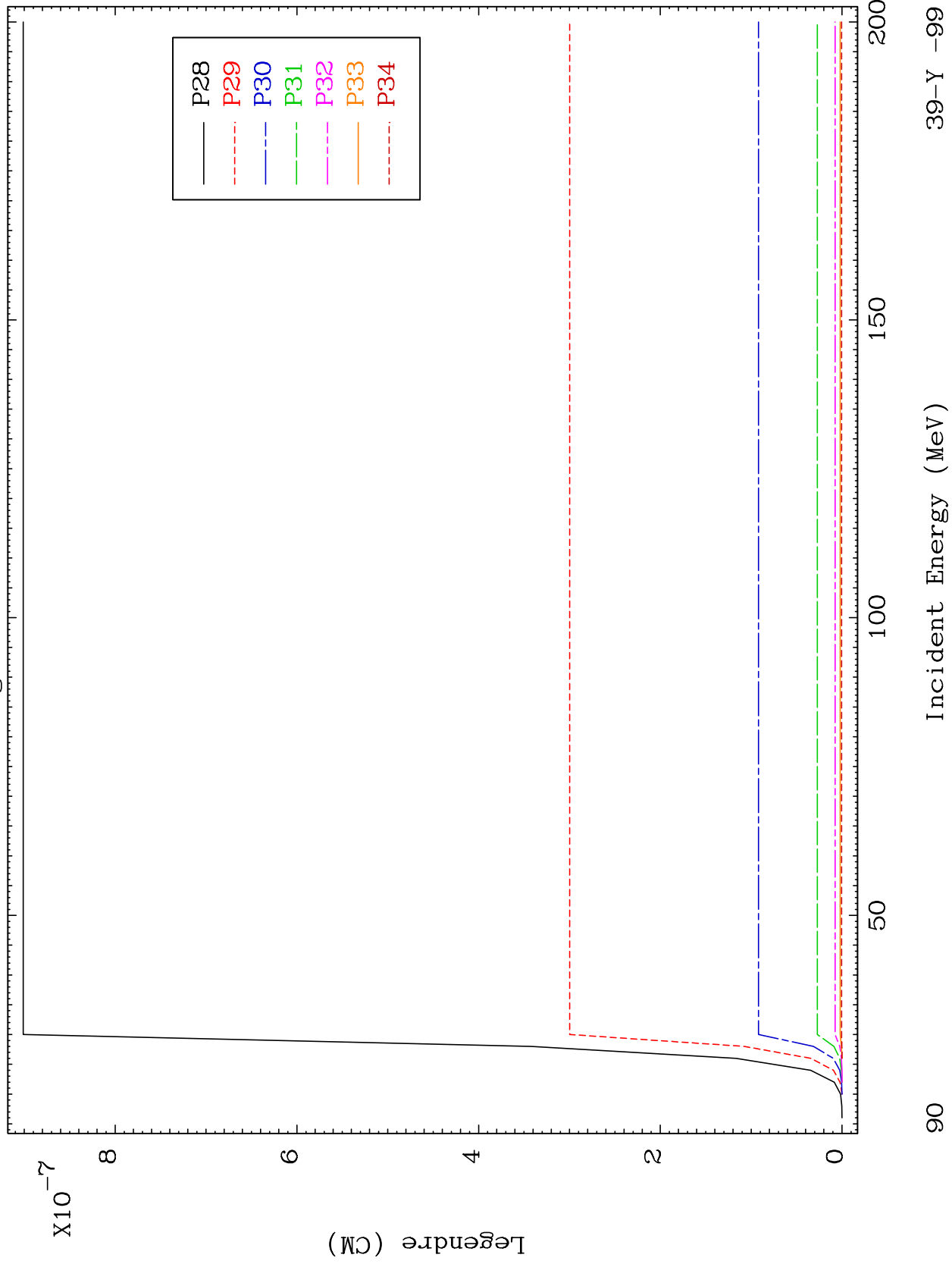
Incident Energy (MeV)

39-Y -99

MAT 3955

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

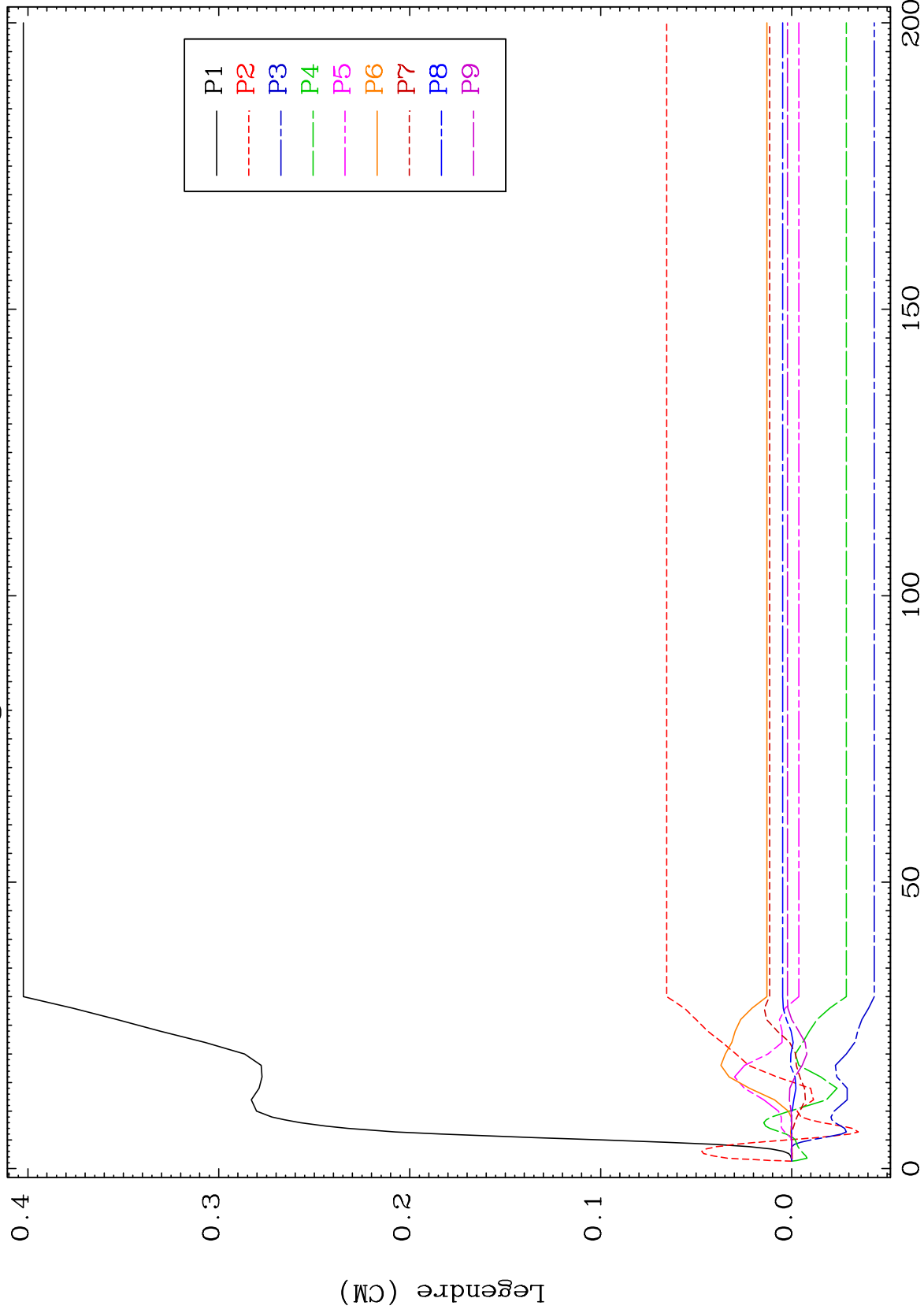
39-Y -99



MAT 3955

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

39-Y -99



91

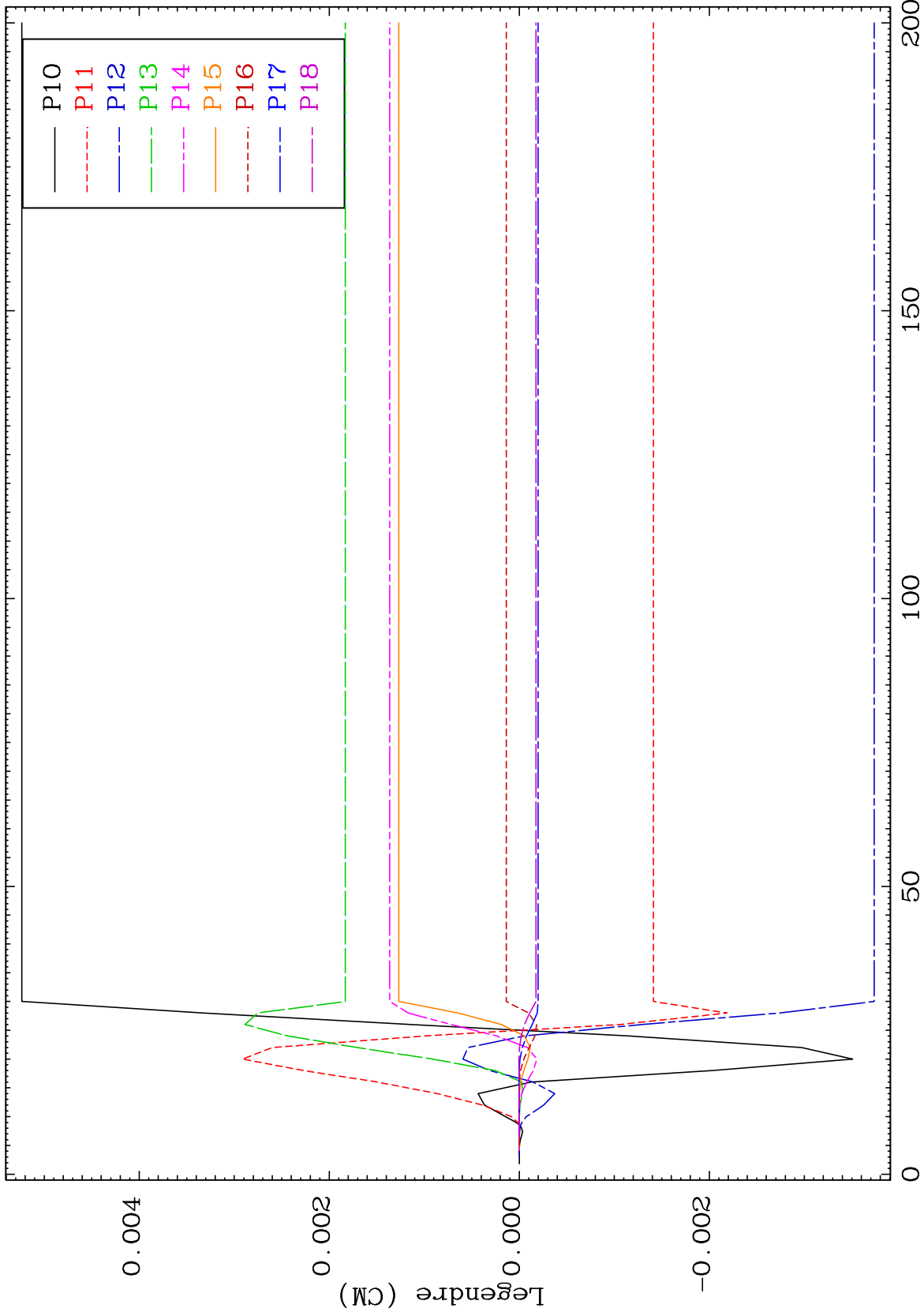
Incident Energy (MeV)

39-Y -99

MAT 3955

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

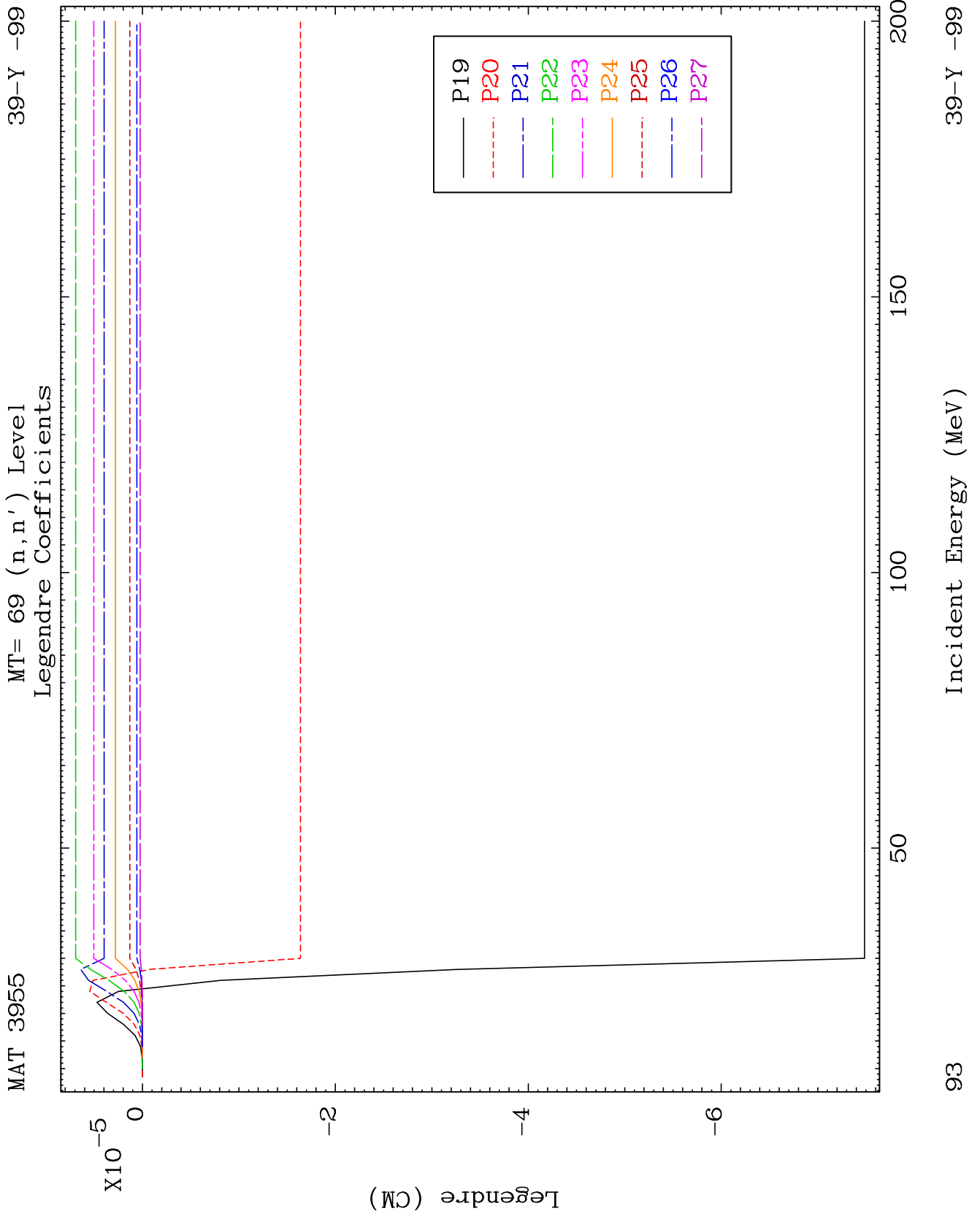
39-Y -99



92

Incident Energy (MeV)

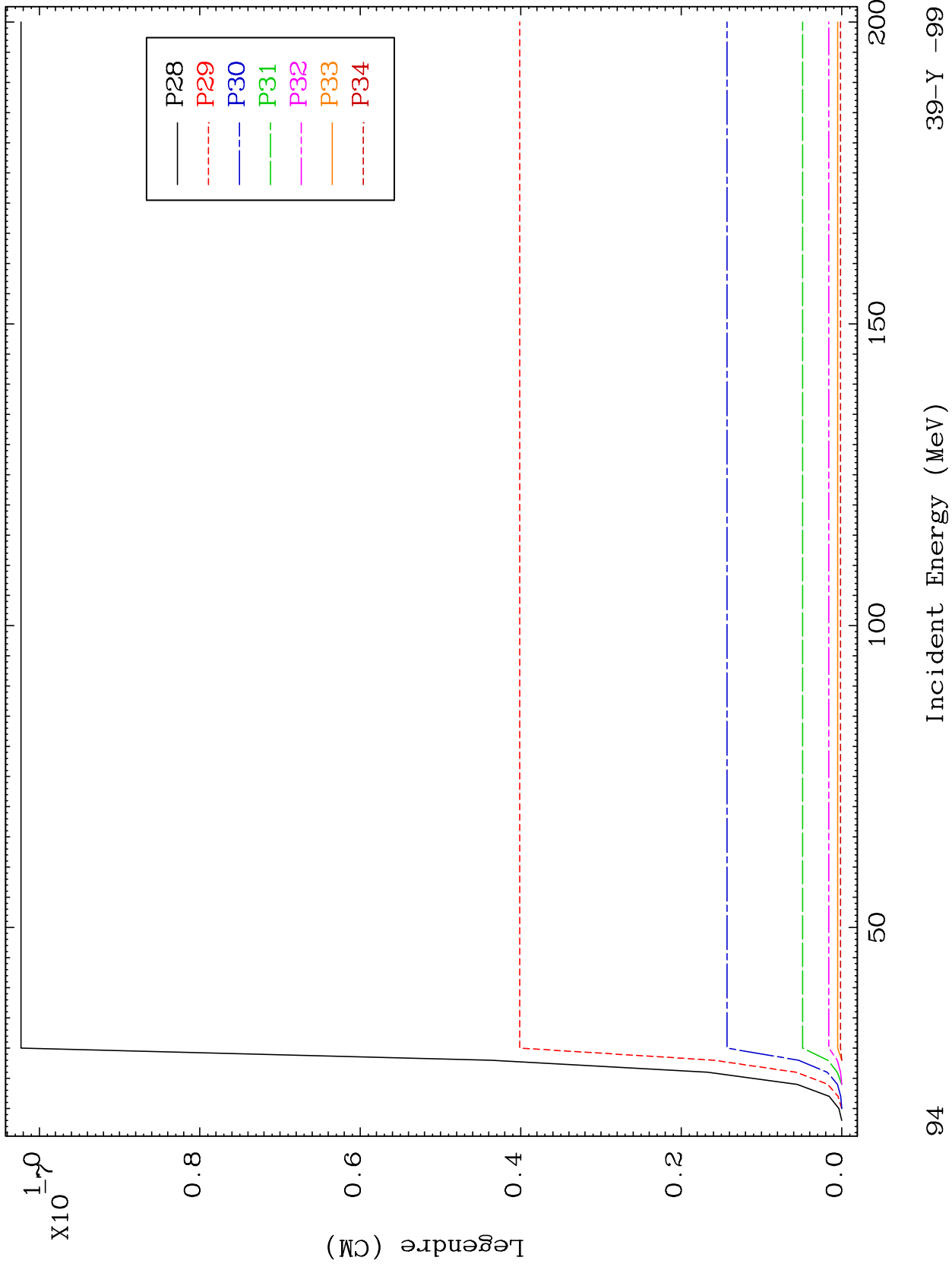
39-Y -99



MAT 3955

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

39-Y -99



94

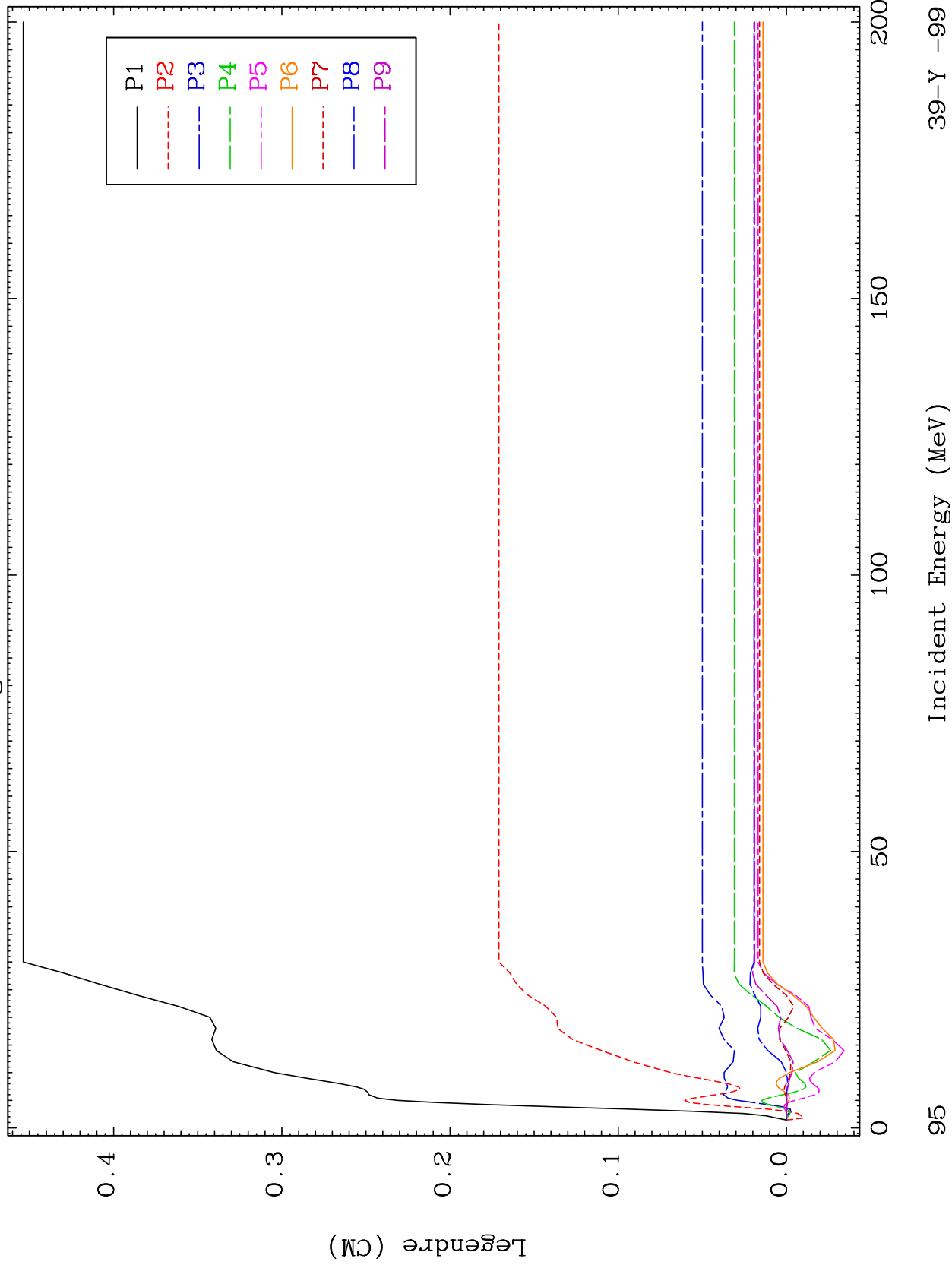
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



39-Y -99

Incident Energy (MeV)

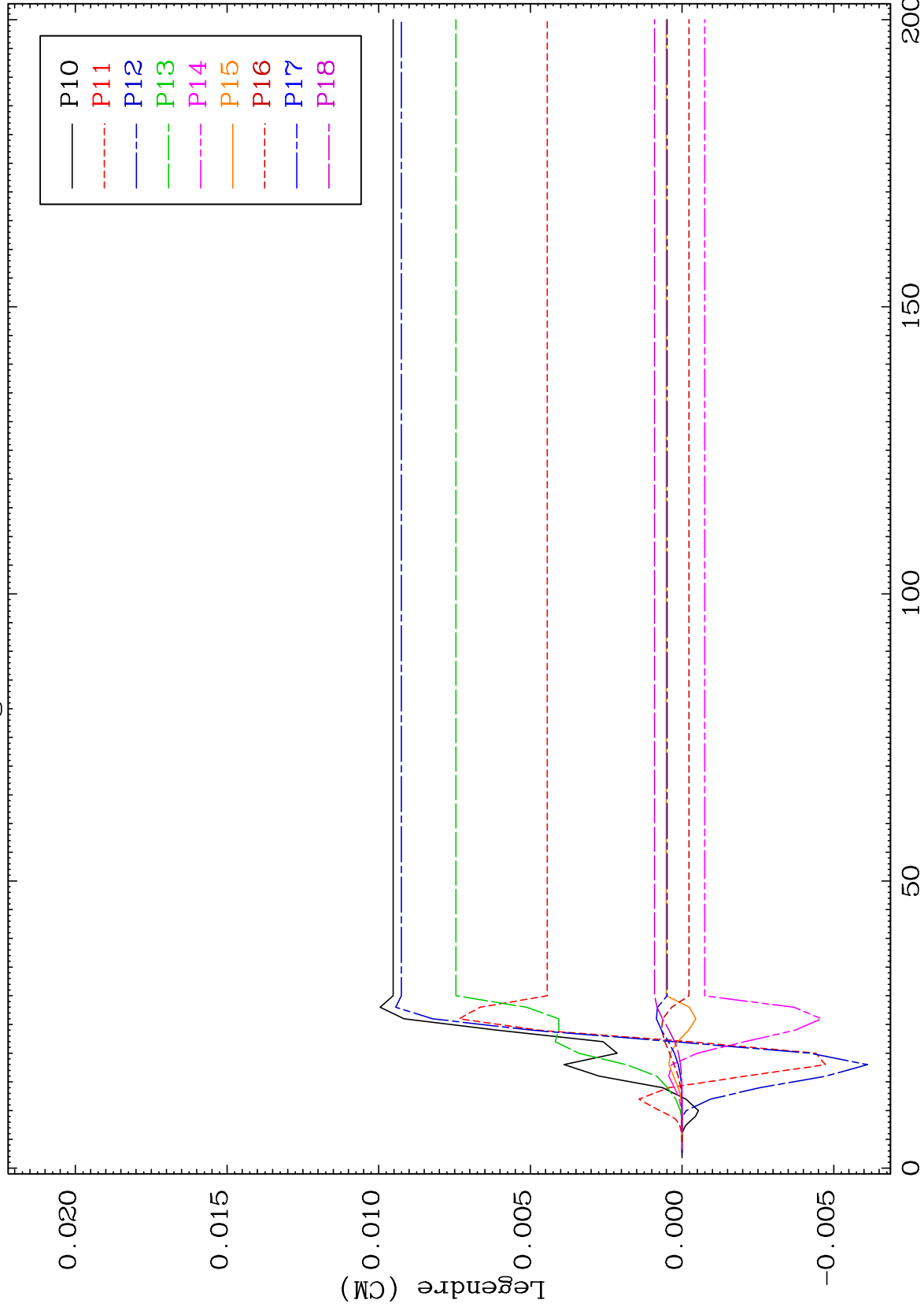
95



MAT 3955

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

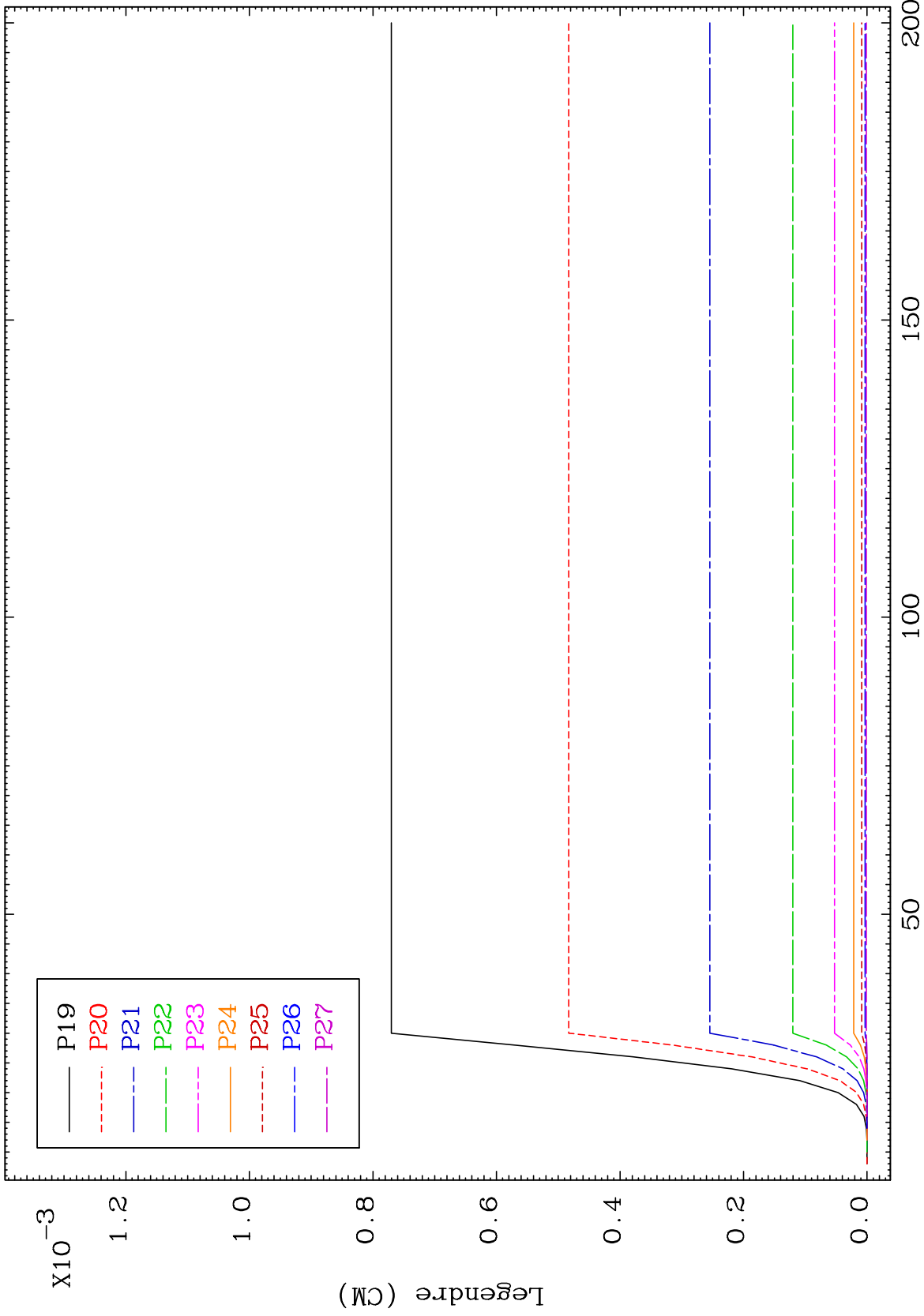
39-Y -99



96

Incident Energy (MeV)

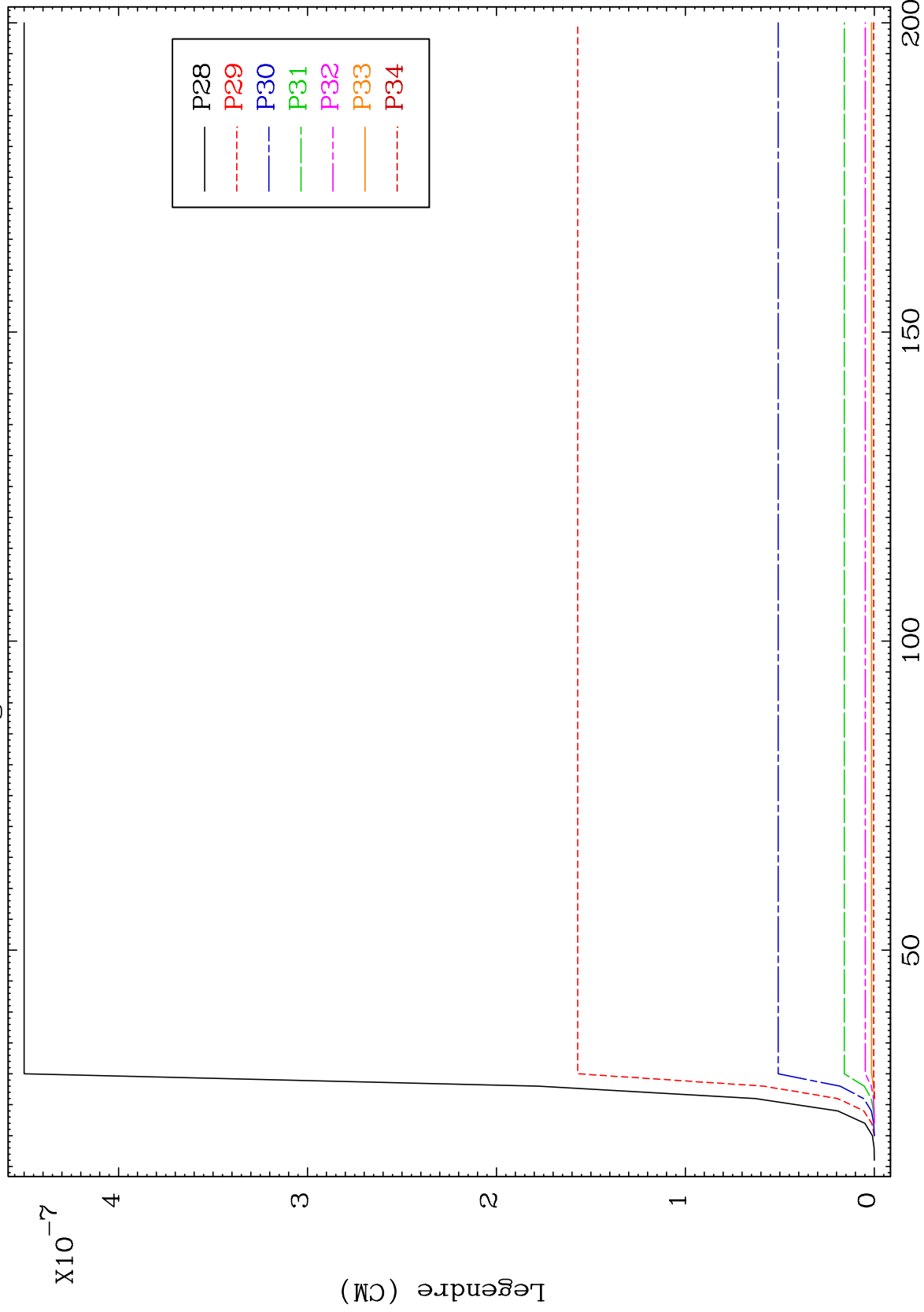
39-Y -99



MAT 3955

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

39-Y -99



98

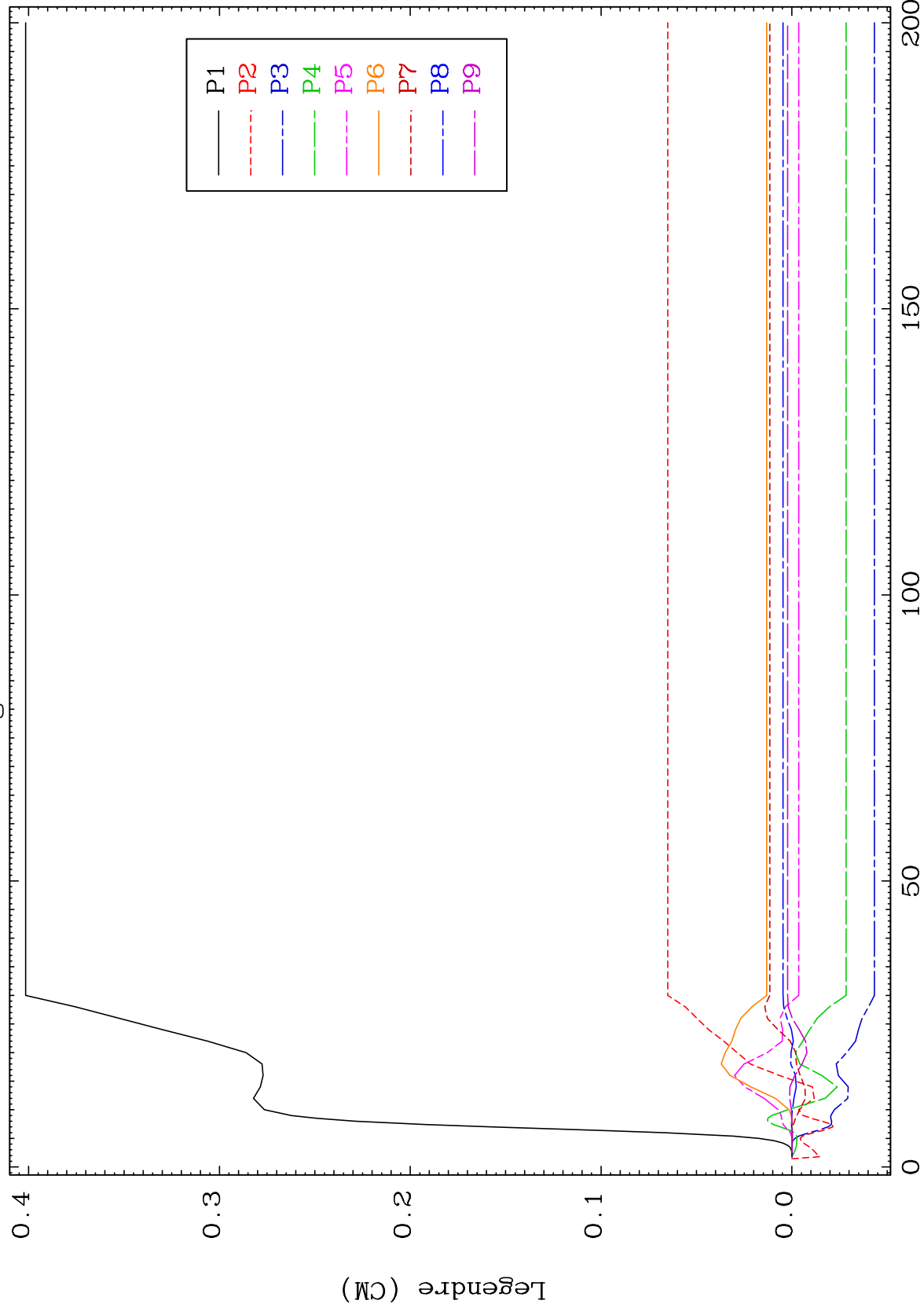
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99

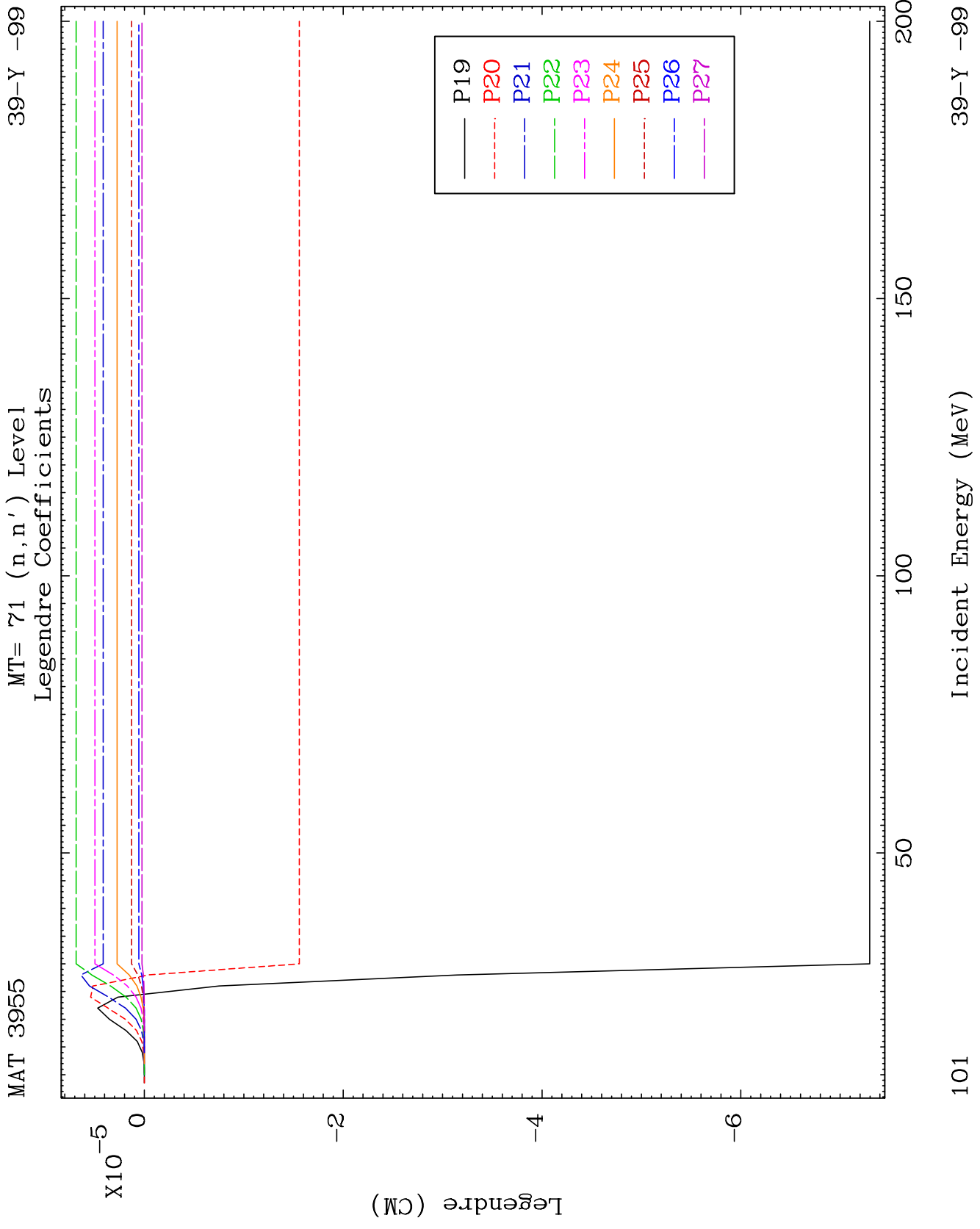


99

Incident Energy (MeV)

39-Y -99

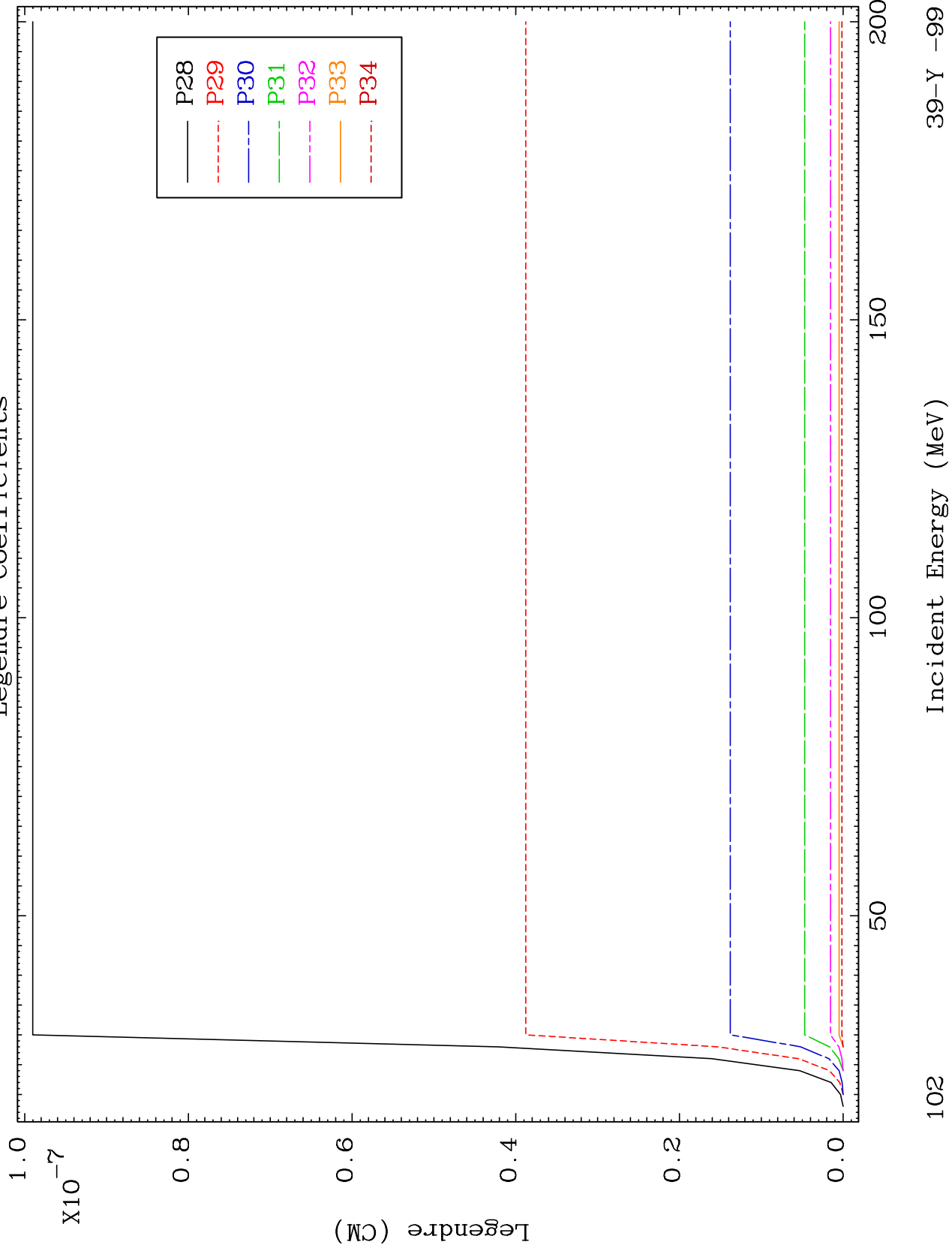




MAT 3955

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

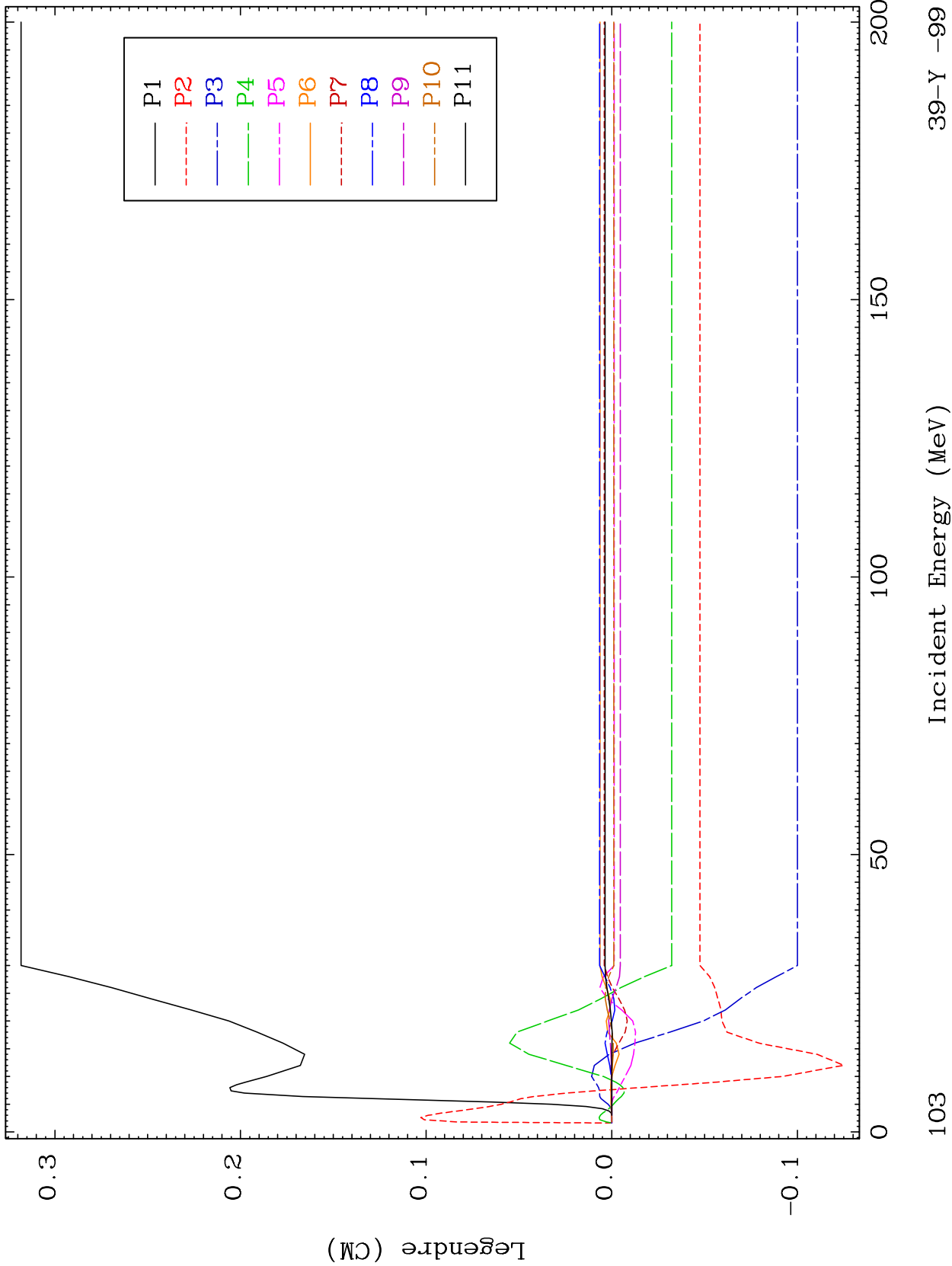
39-Y -99



MAT 3955

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

39-Y -99



39-Y -99

Incident Energy (MeV)

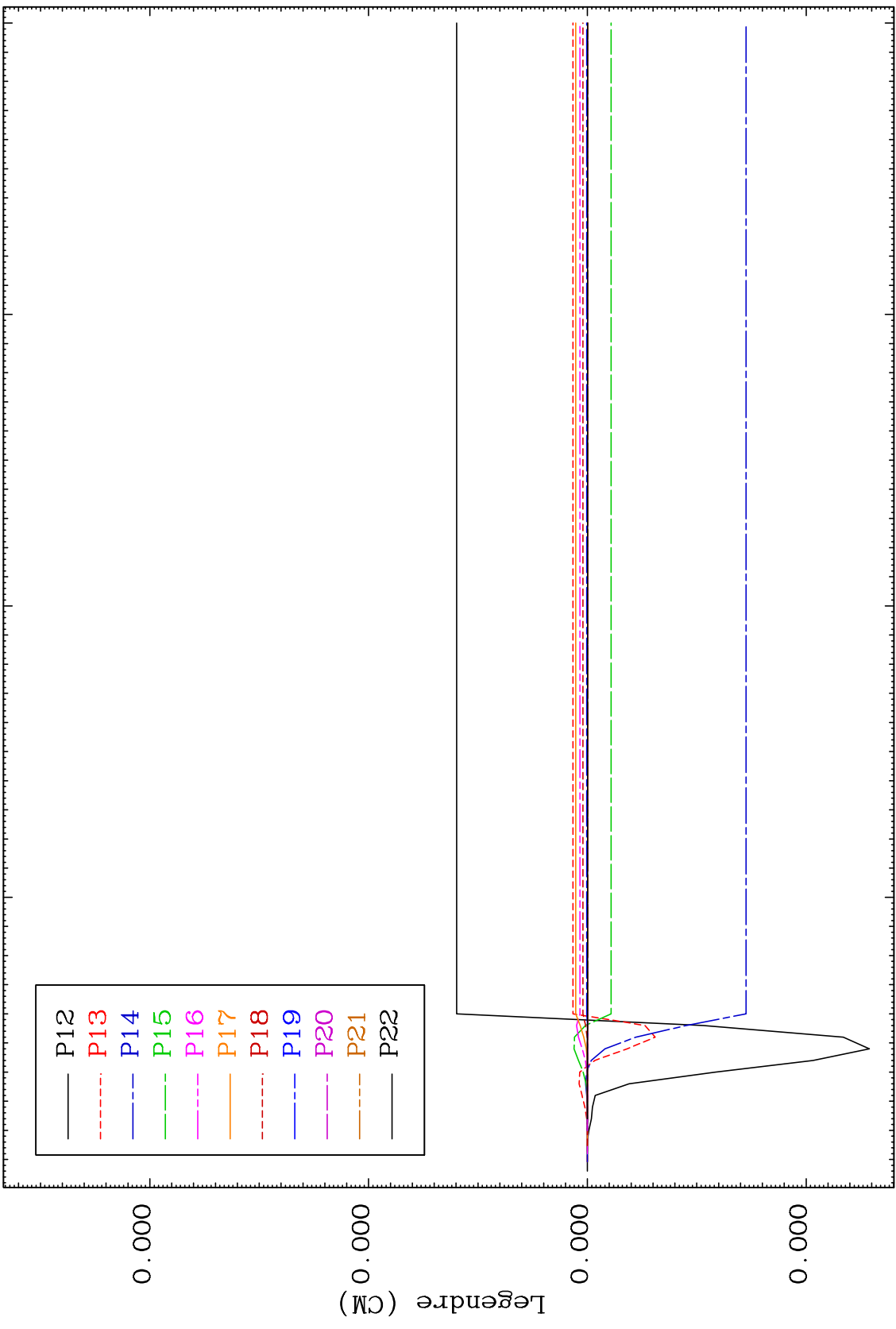
103



MAT 3955

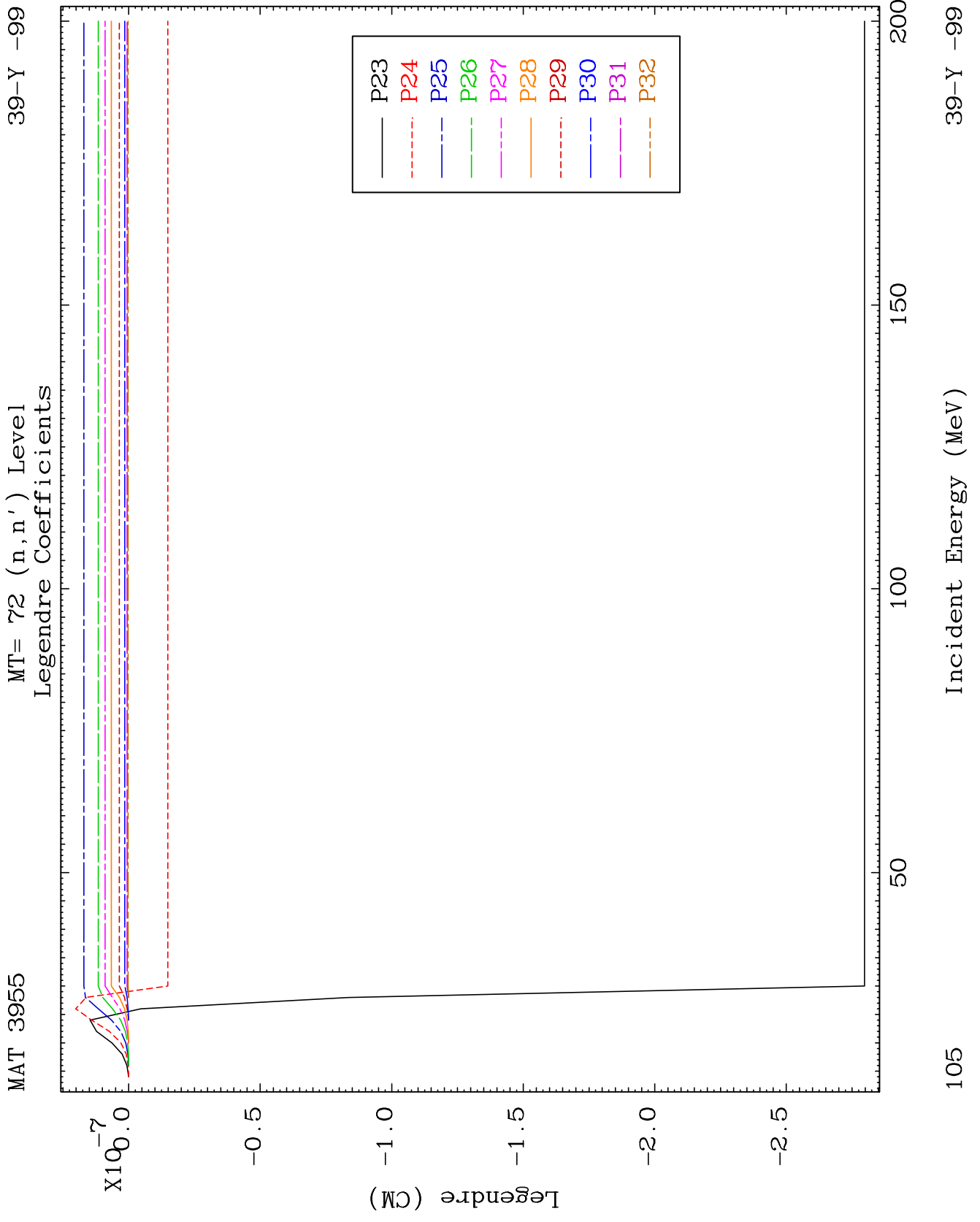
MT= 72 (n,n') Level  
Legendre Coefficients

39-Y -99



104

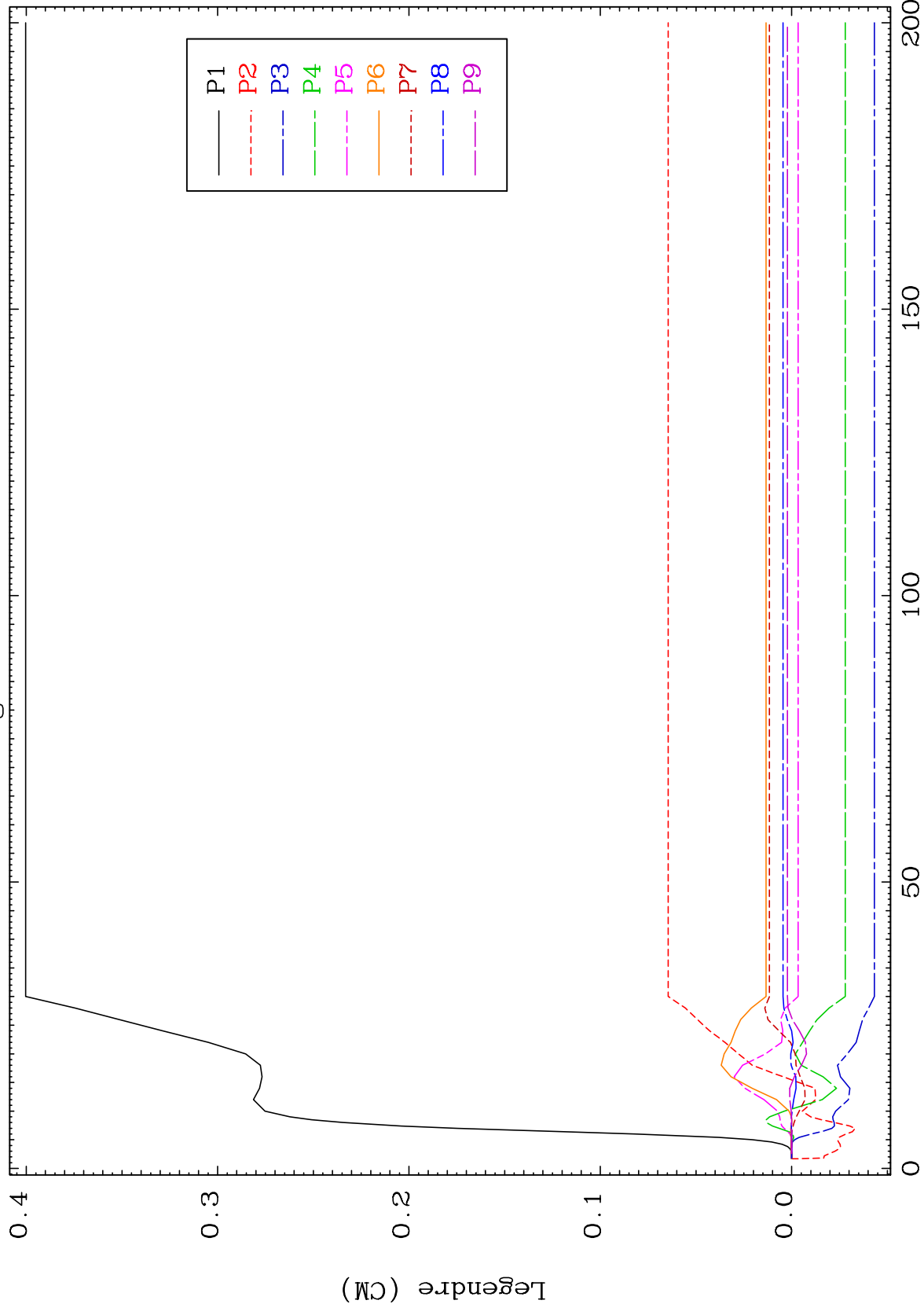
39-Y -99



MAT 3955

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

39-Y -99



106

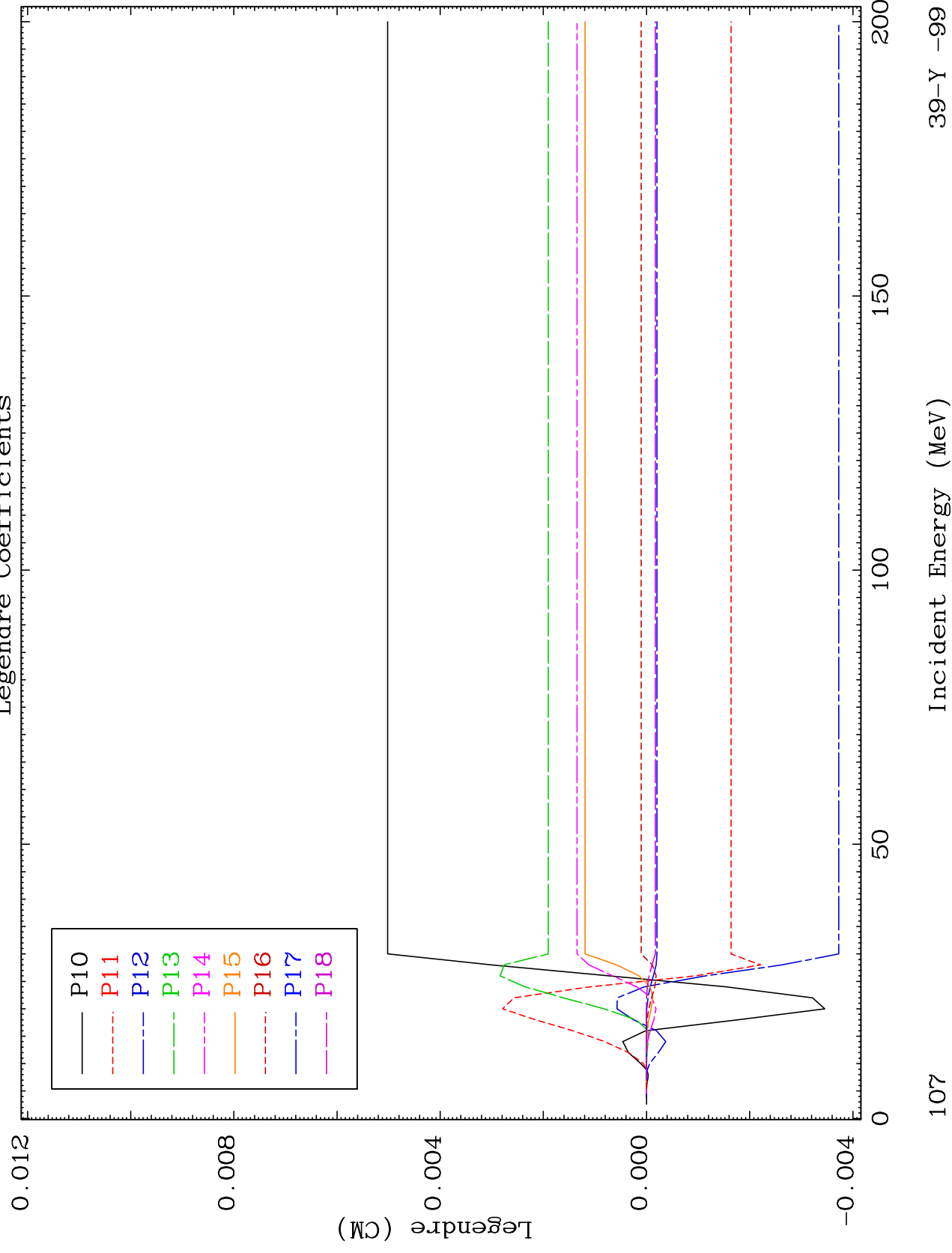
Incident Energy (MeV)

39-Y -99

MAT 3955

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

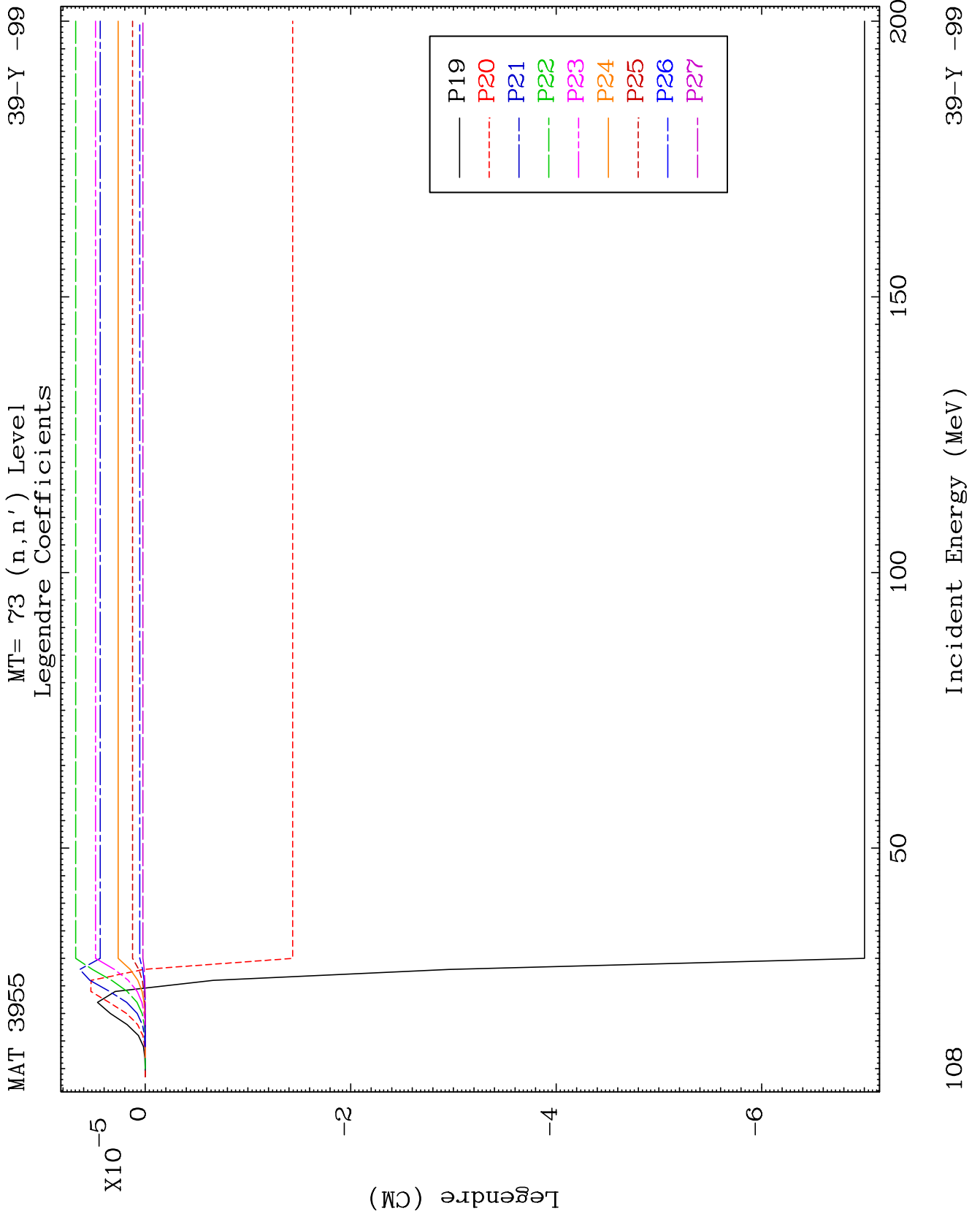
39-Y -99



107

Incident Energy (MeV)

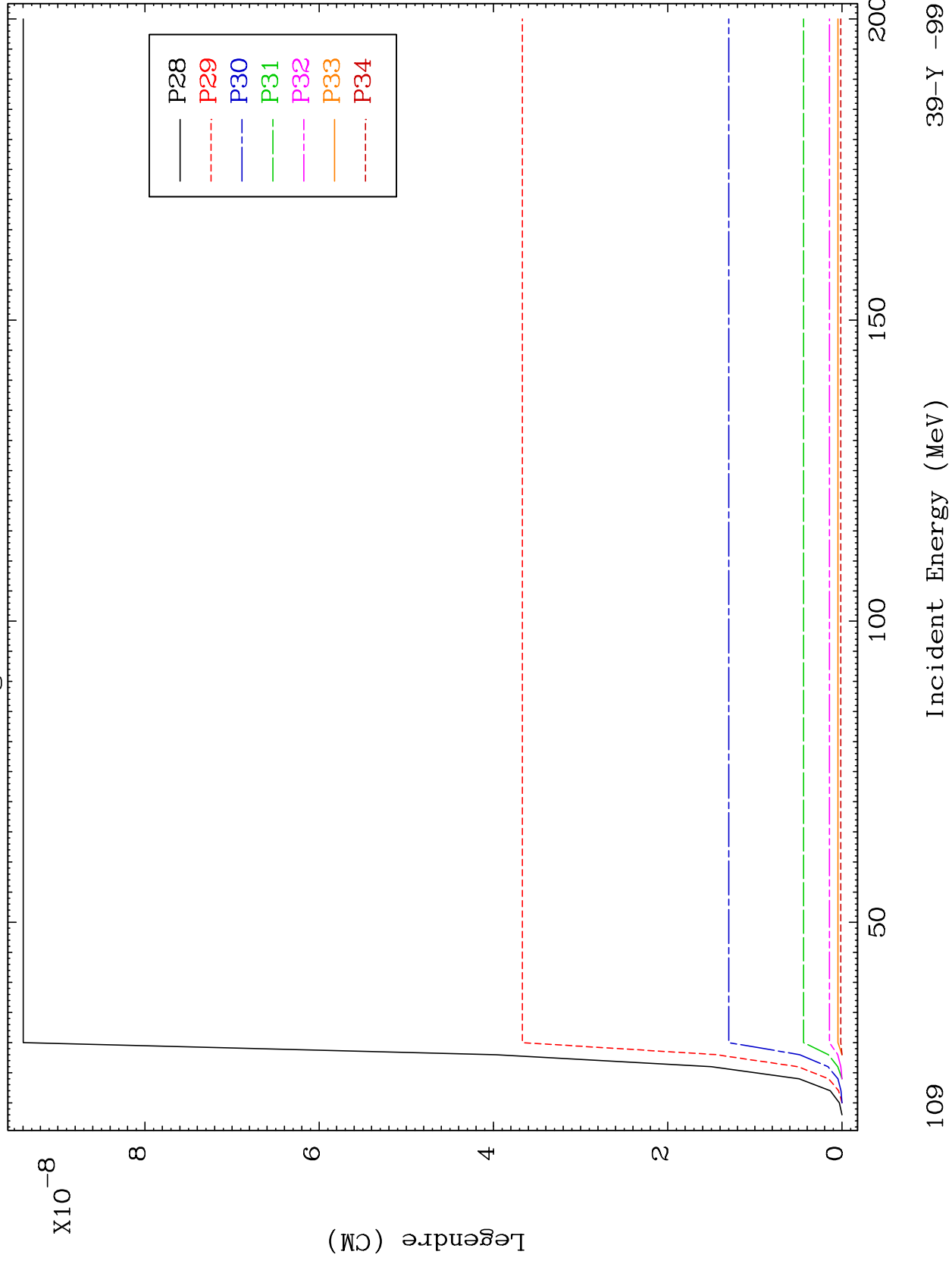
39-Y -99



MAT 3955

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

39-Y -99

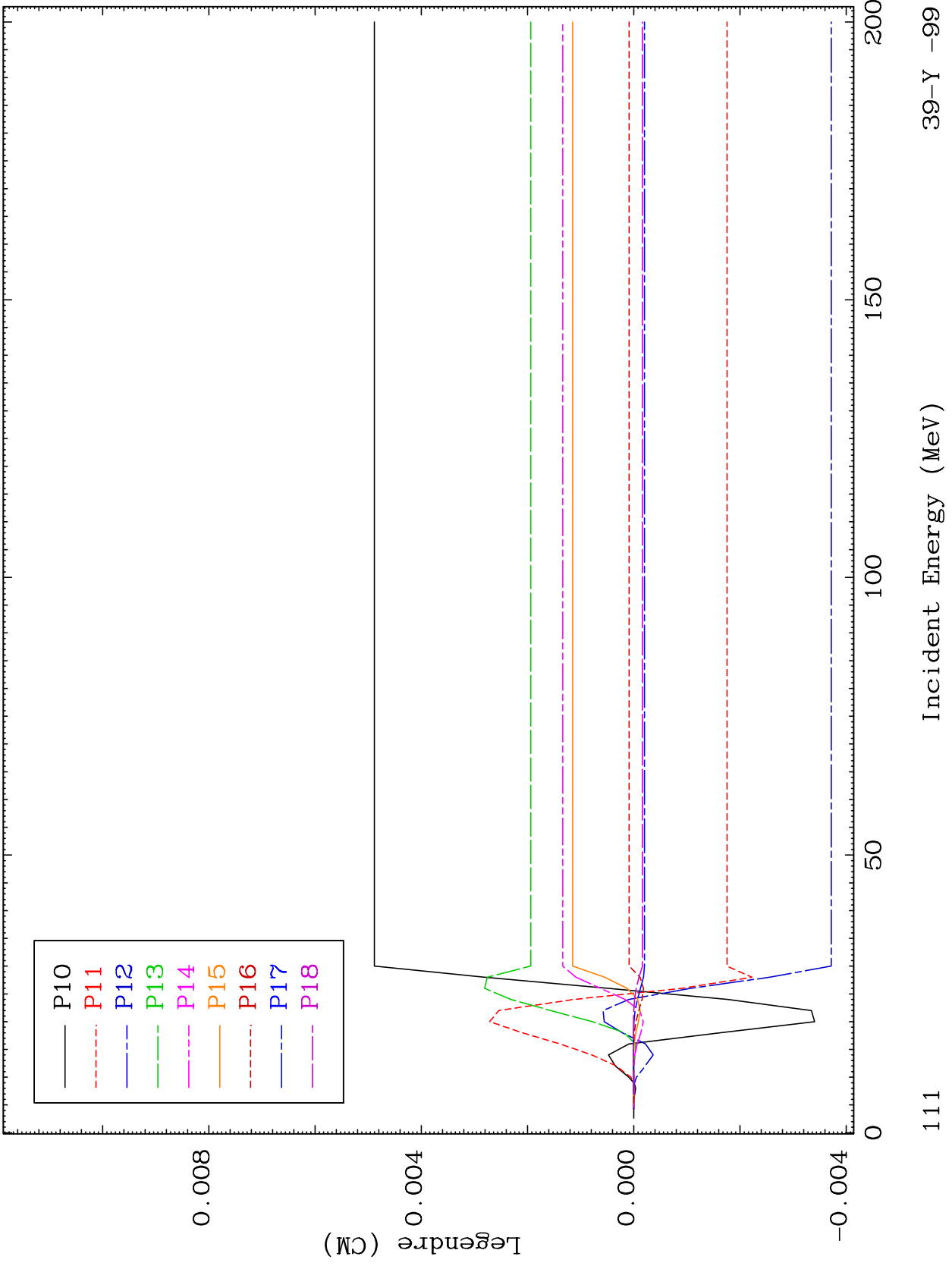




MAT 3955

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

39-Y -99

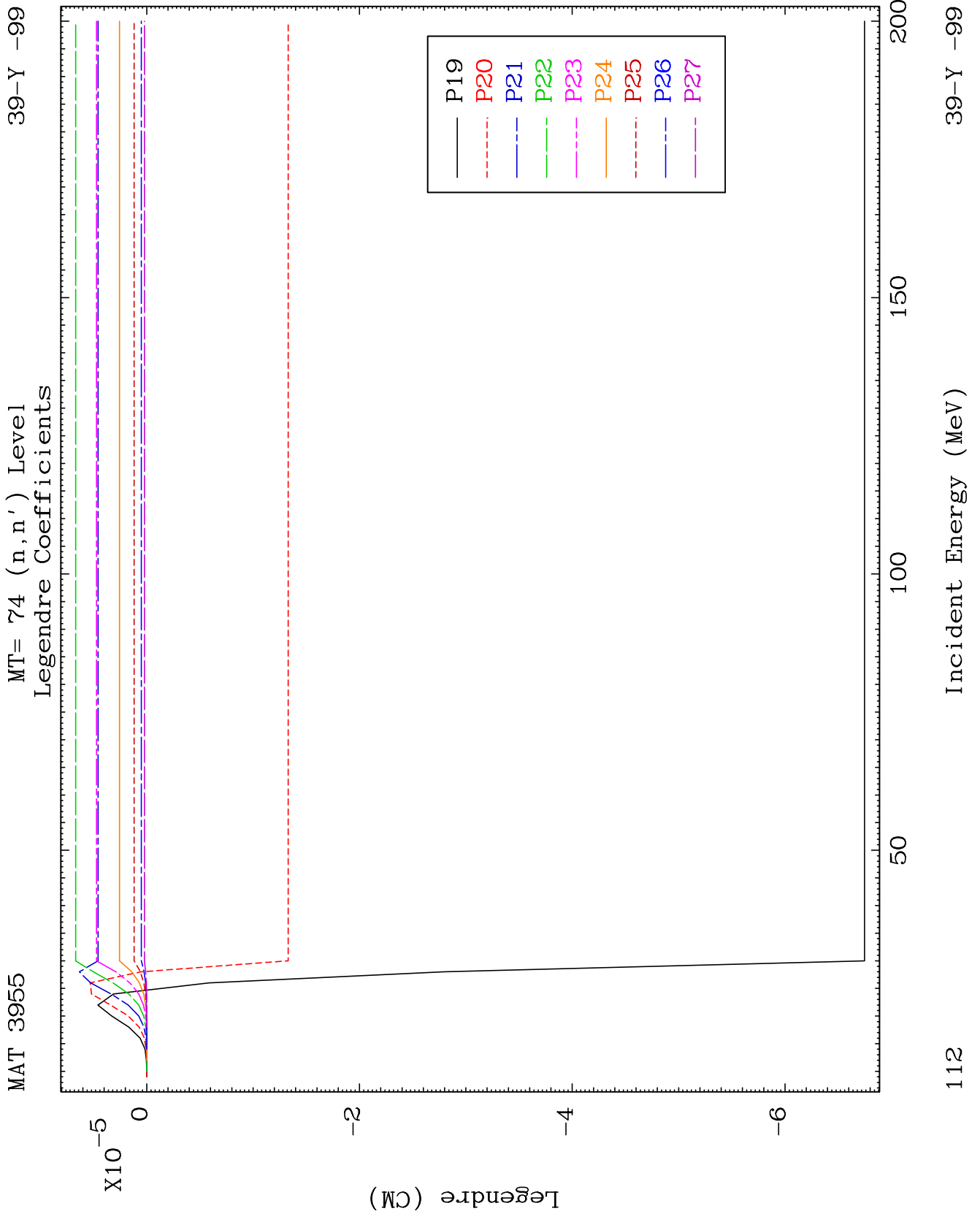


111

Incident Energy (MeV)

39-Y -99

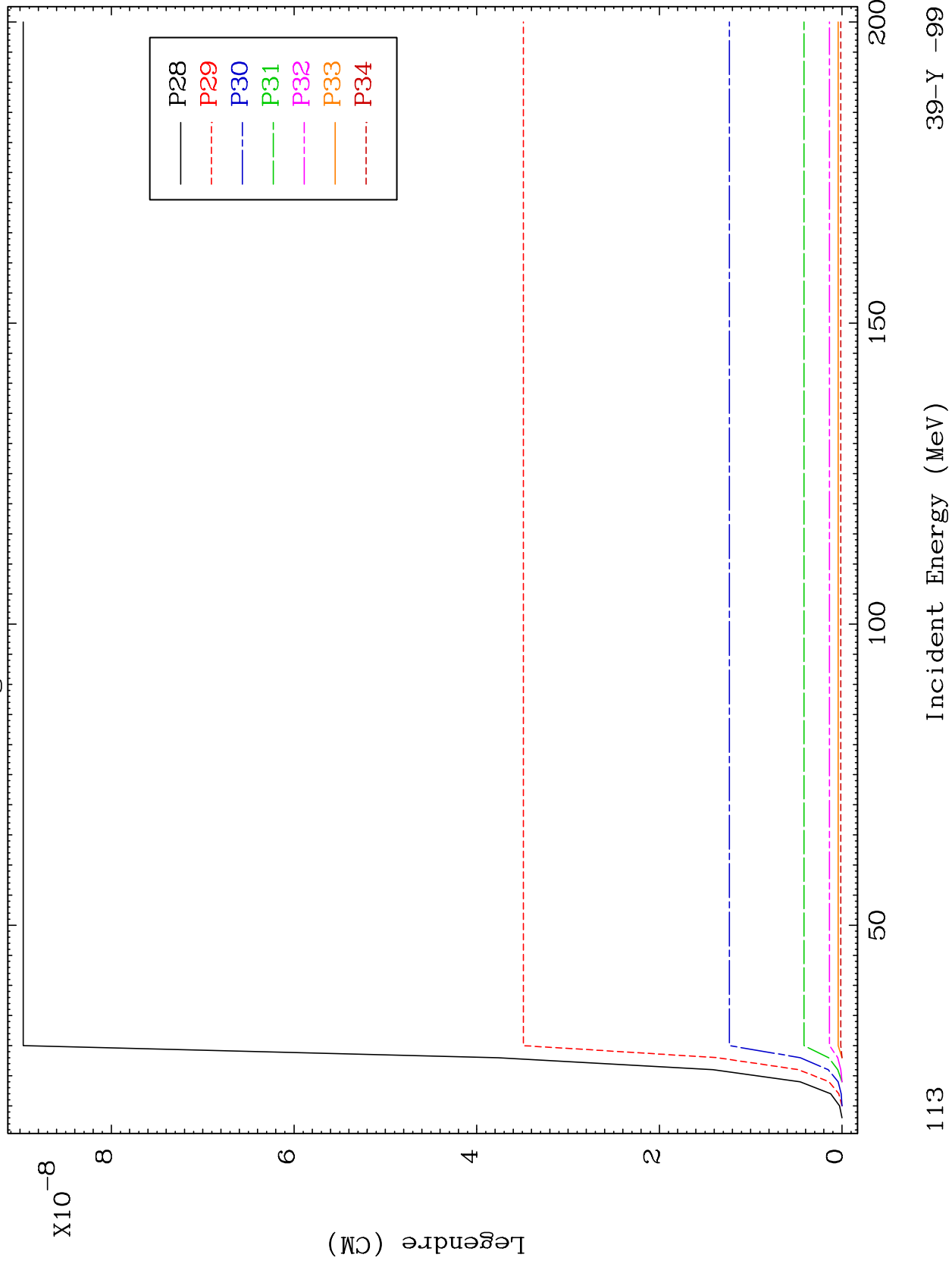


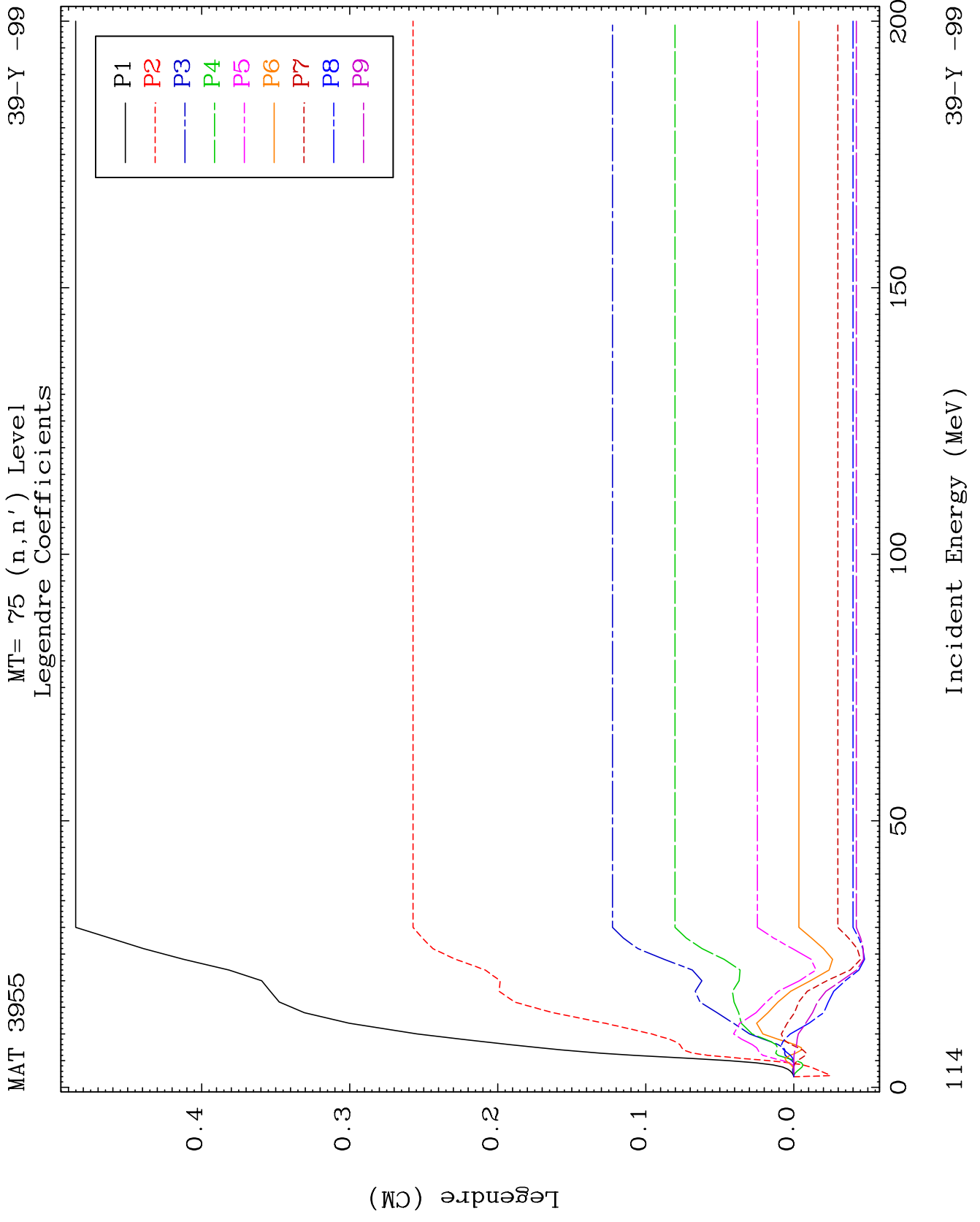


MAT 3955

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

39-Y -99

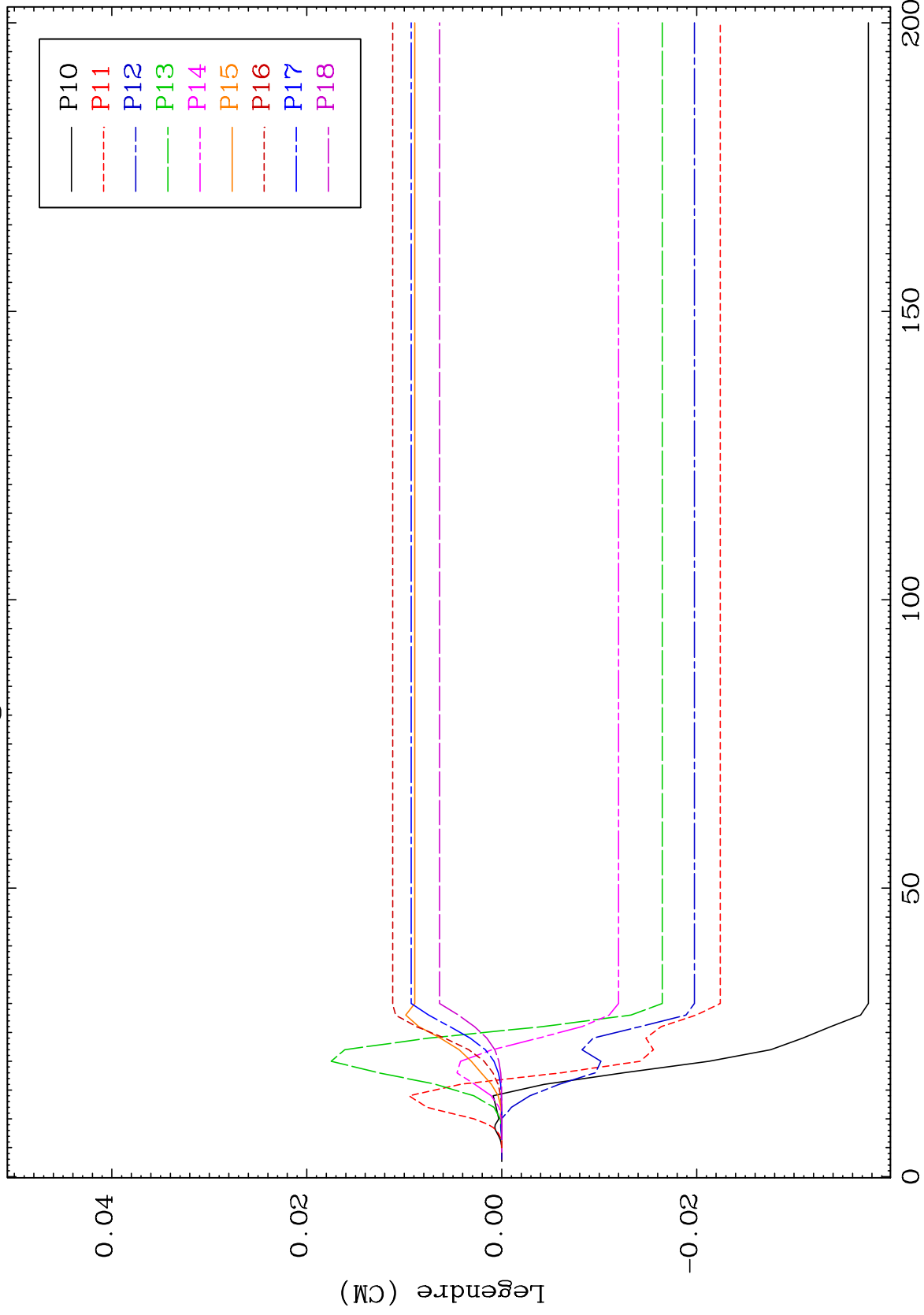




MAT 3955

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

39-Y -99



115

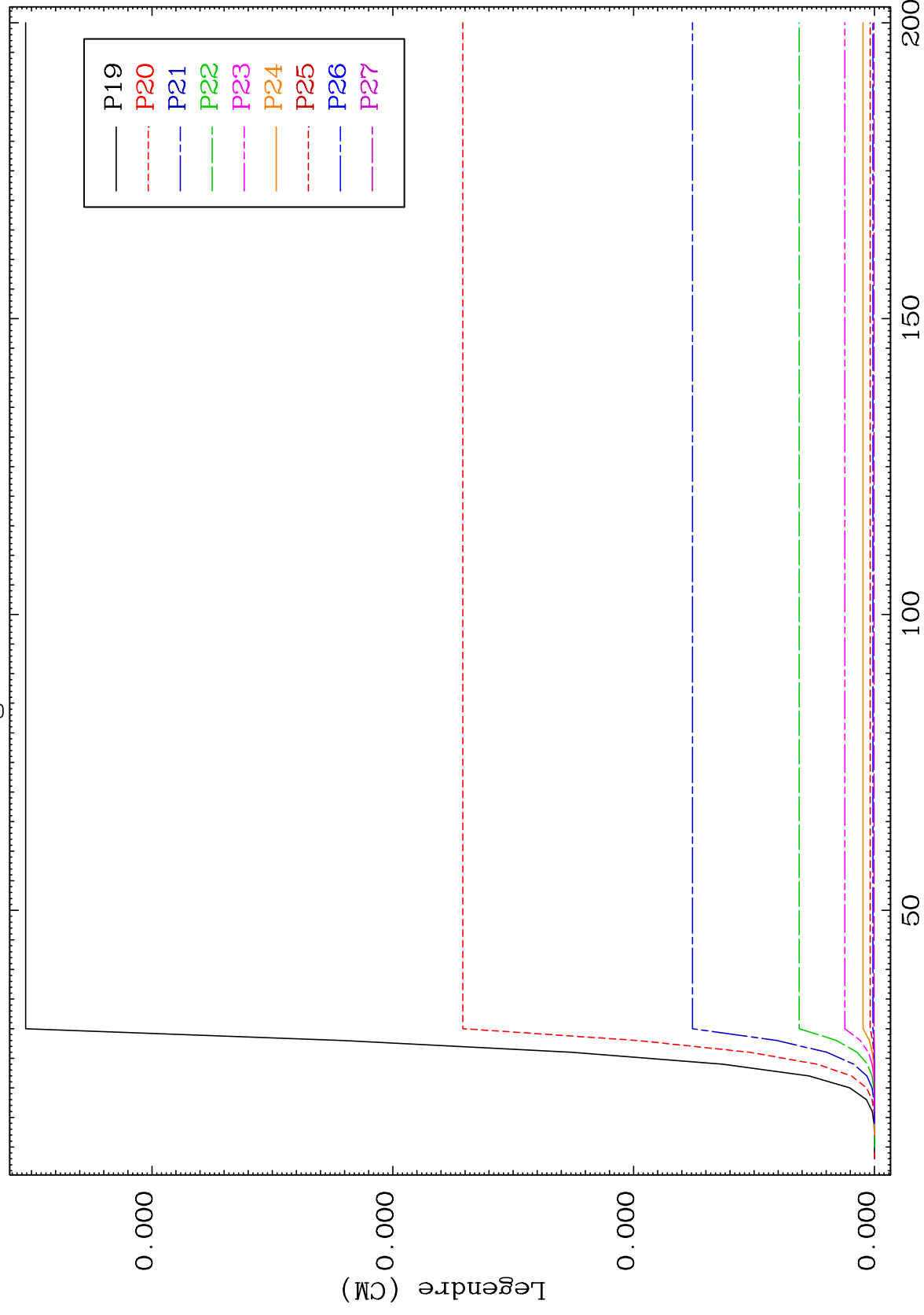
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



116

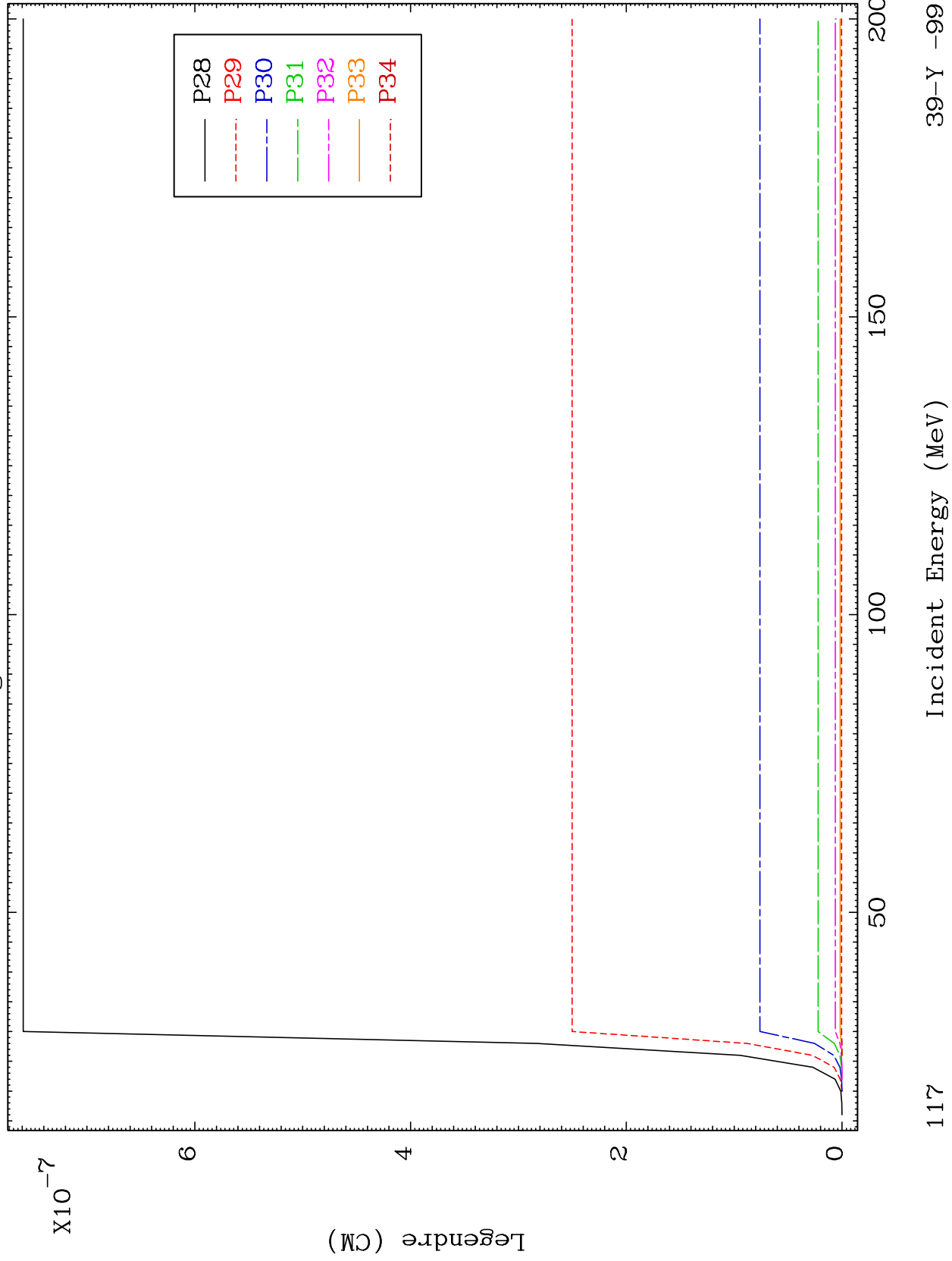
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



117

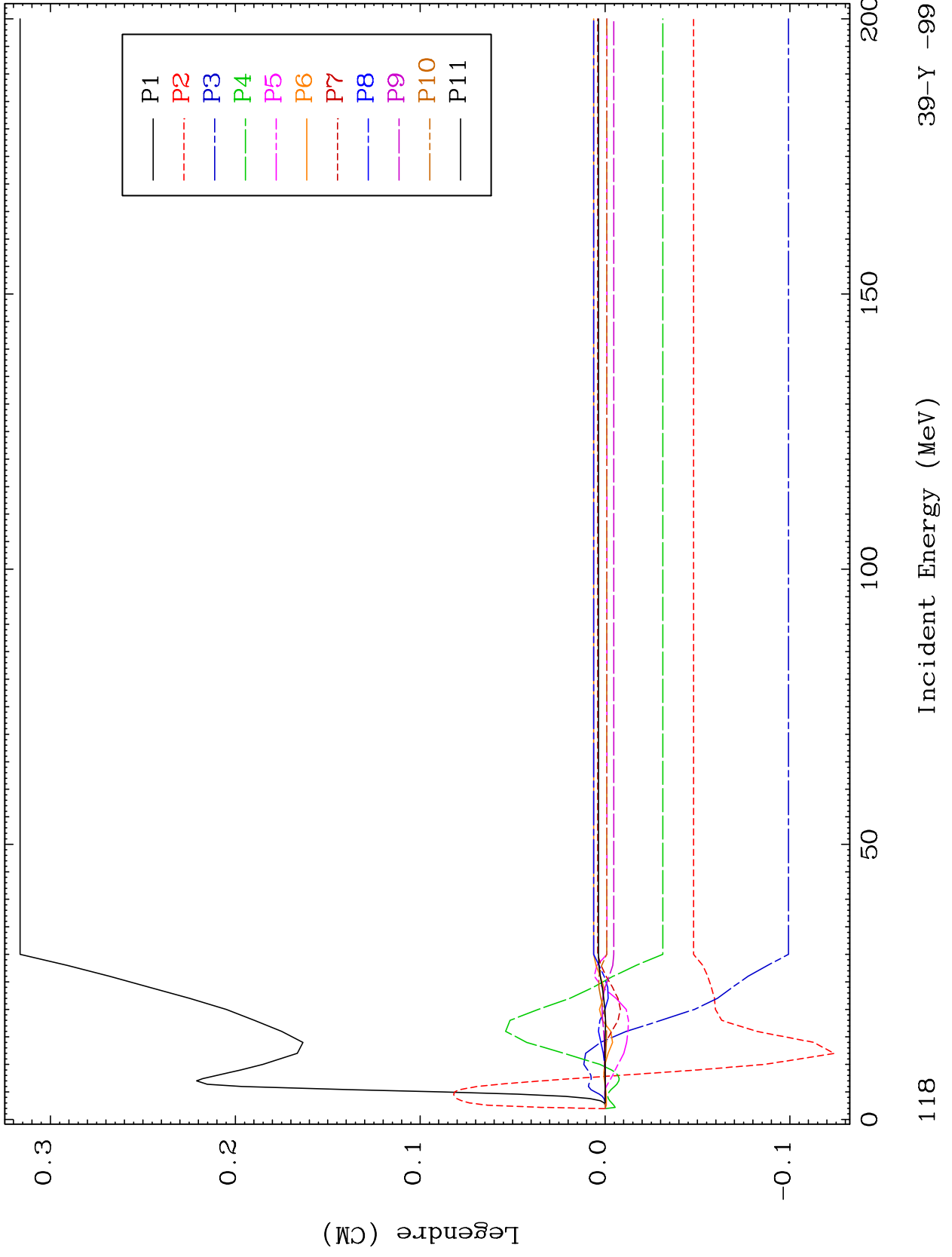
Incident Energy (MeV)

39-Y -99

MAT 3955

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

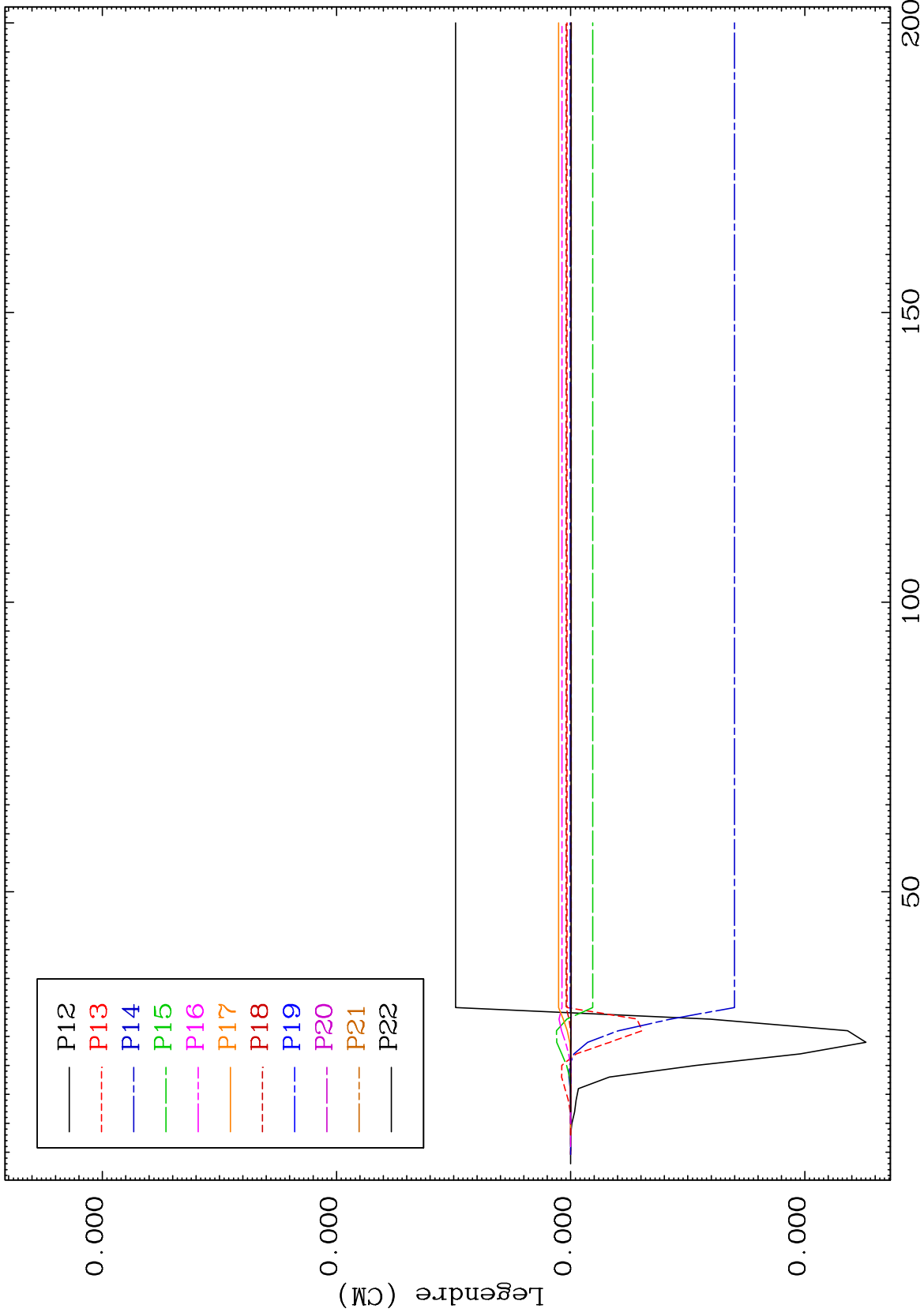
39-Y -99



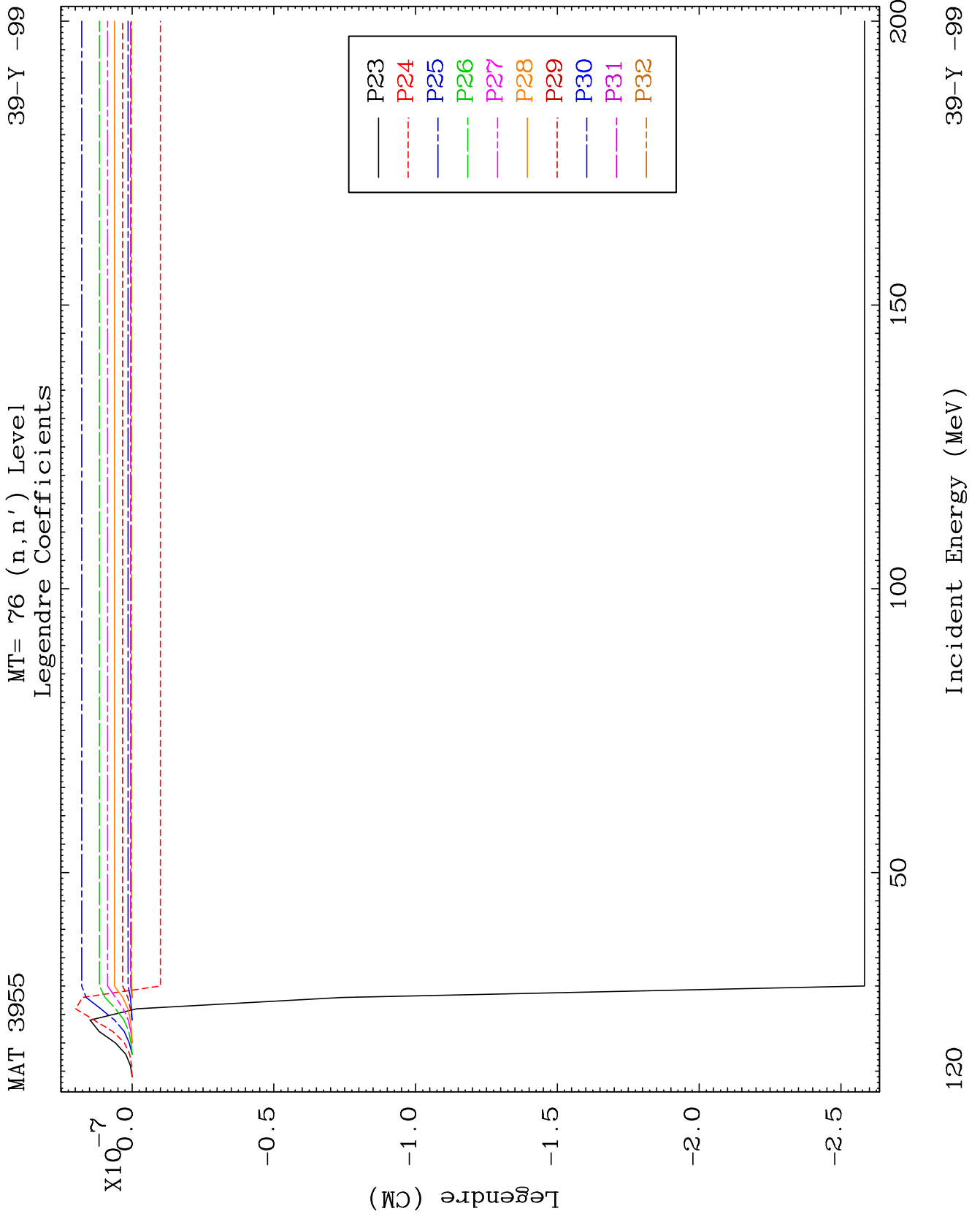
118

Incident Energy (MeV)

39-Y -99



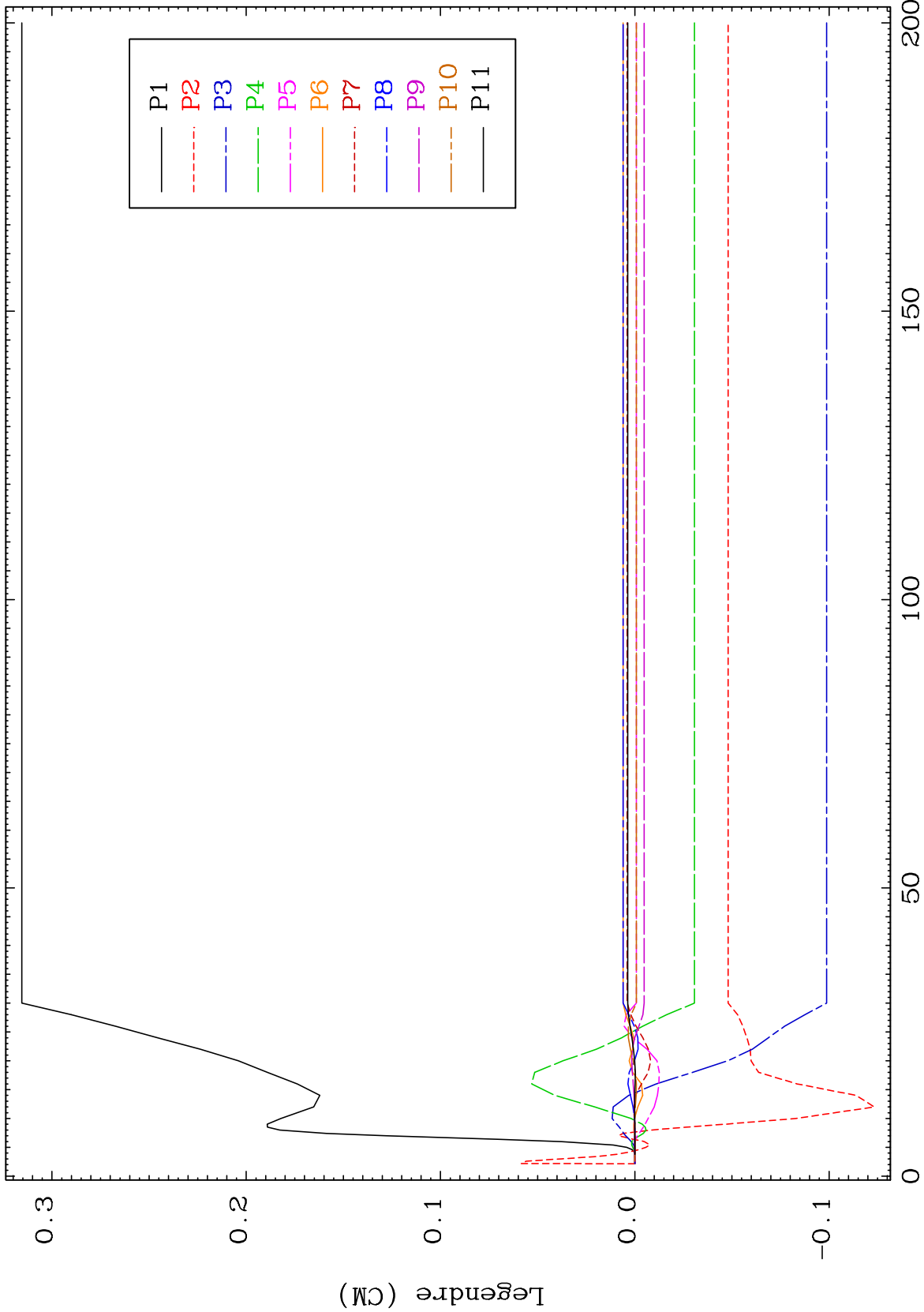




MAT 3955

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

39-Y -99



121

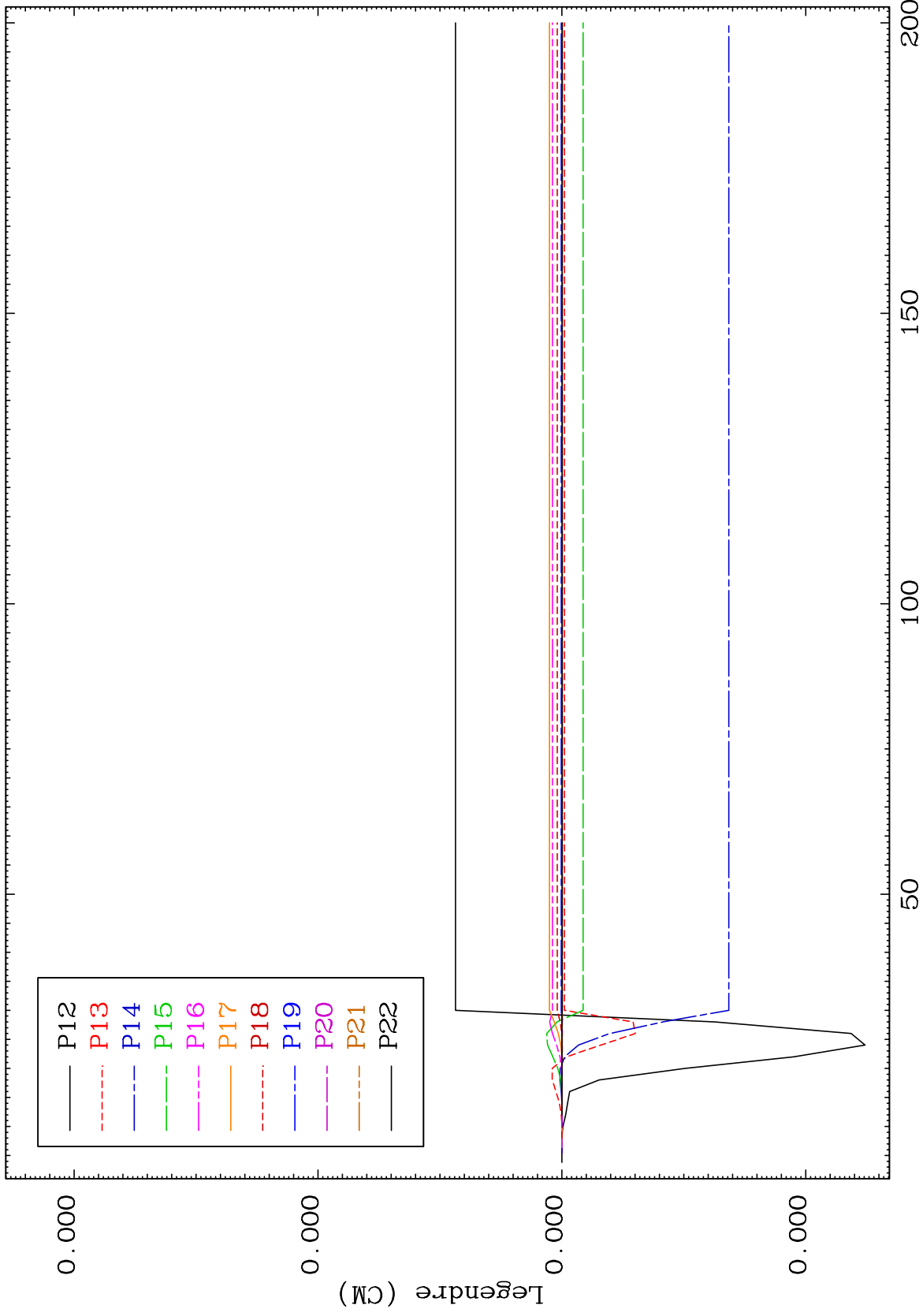
Incident Energy (MeV)

39-Y -99

MAT 3955

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

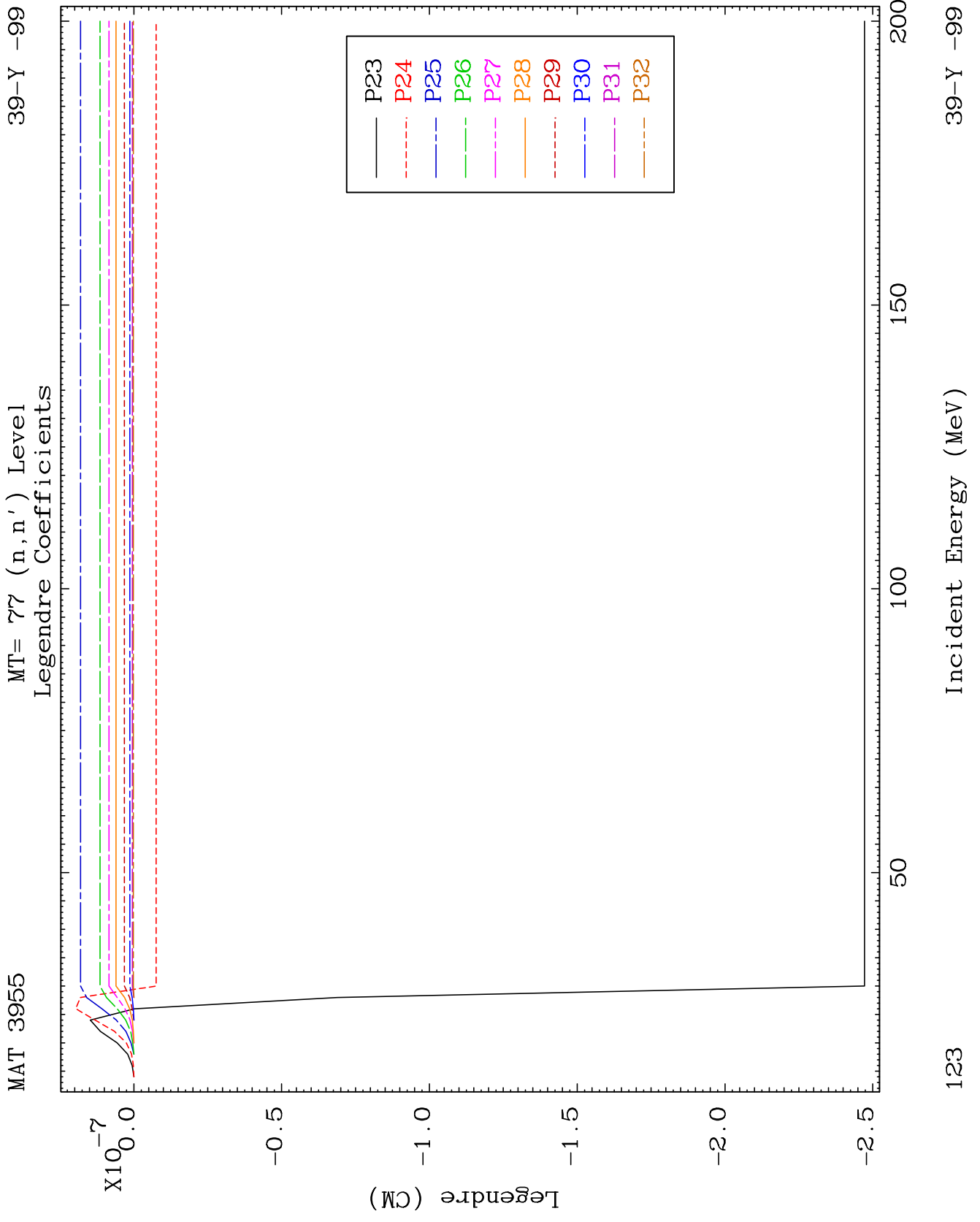
39-Y -99



122

Incident Energy (MeV)

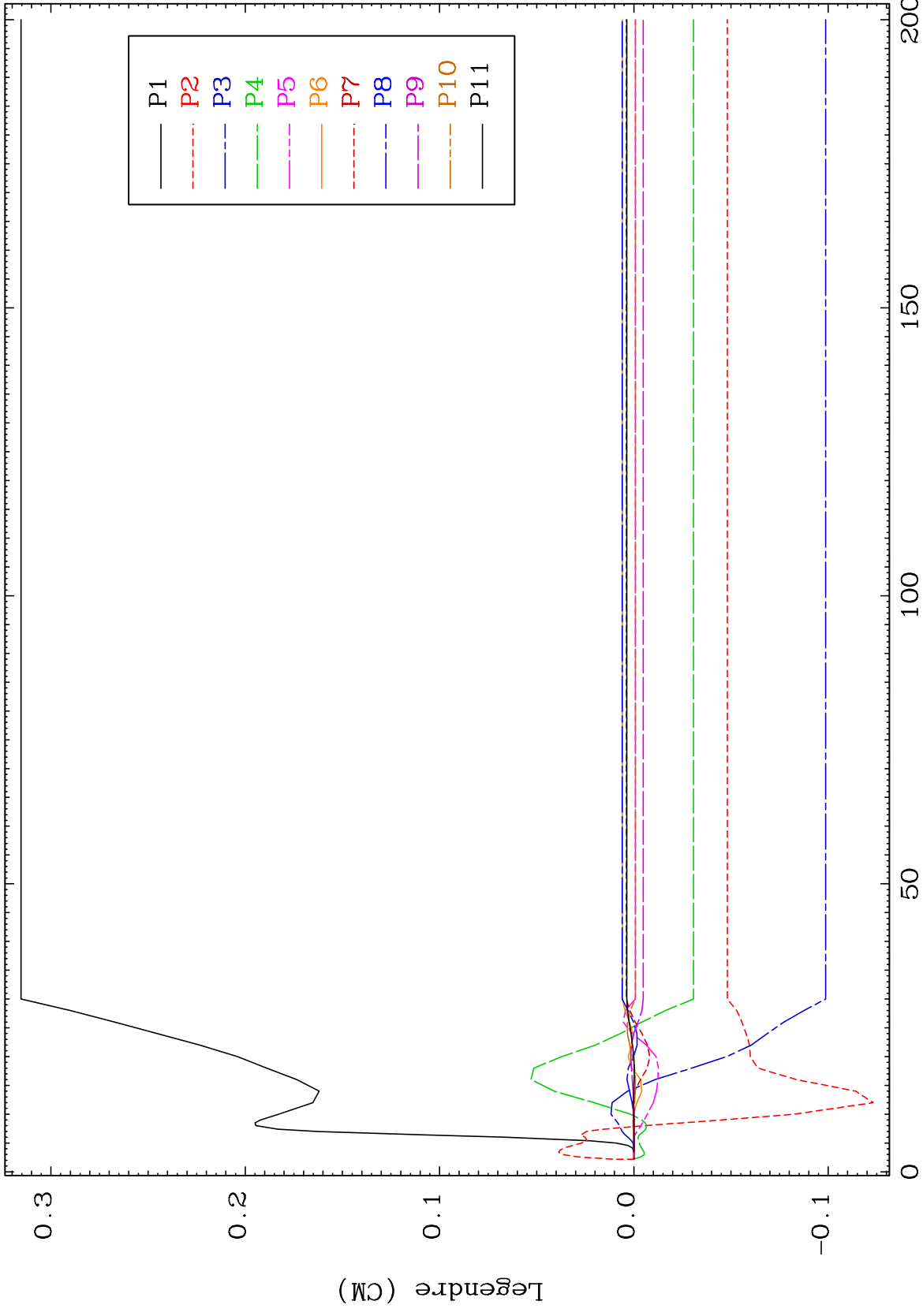
39-Y -99



MAT 3955

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

39-Y -99



124

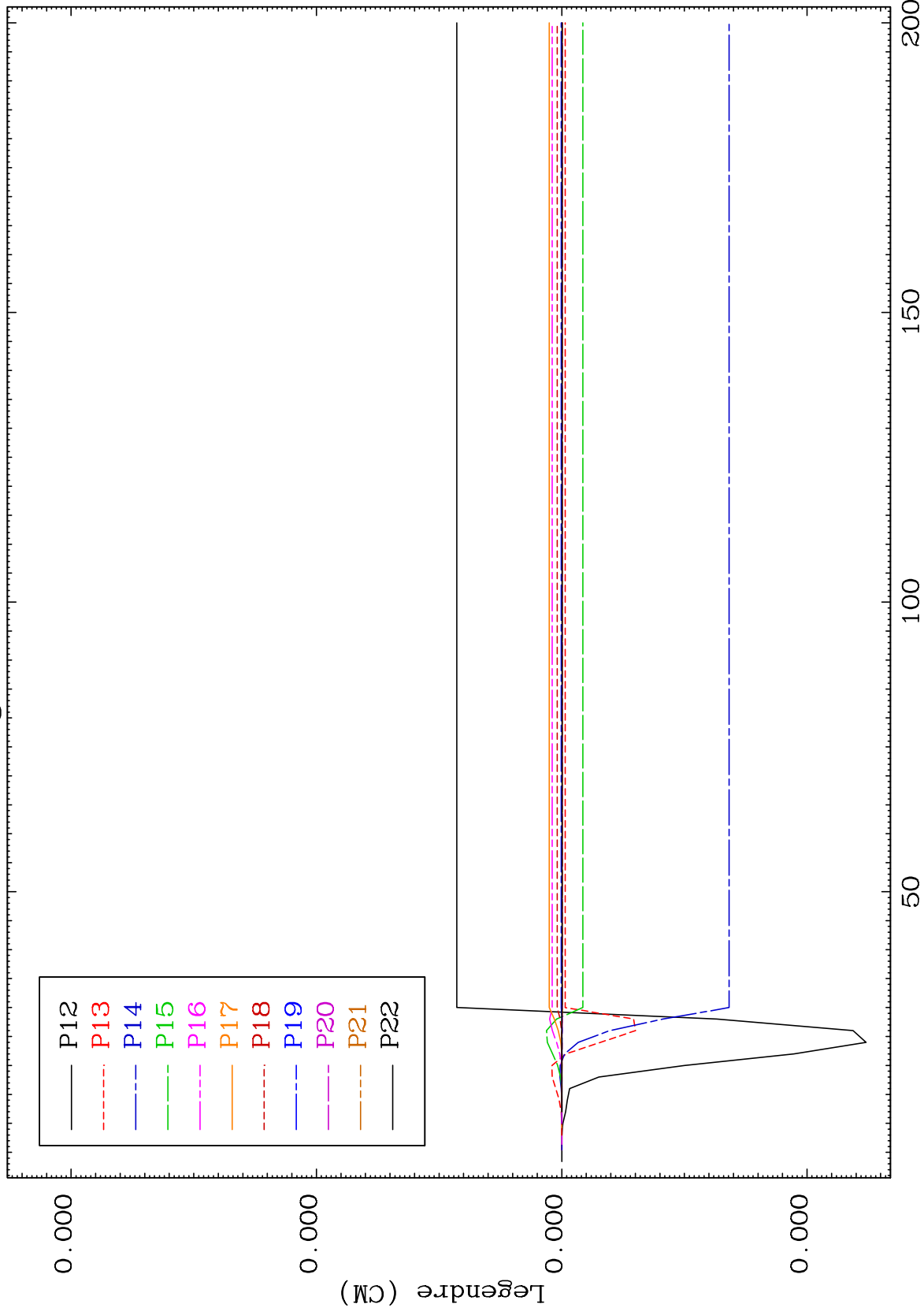
Incident Energy (MeV)

39-Y -99

MAT 3955

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

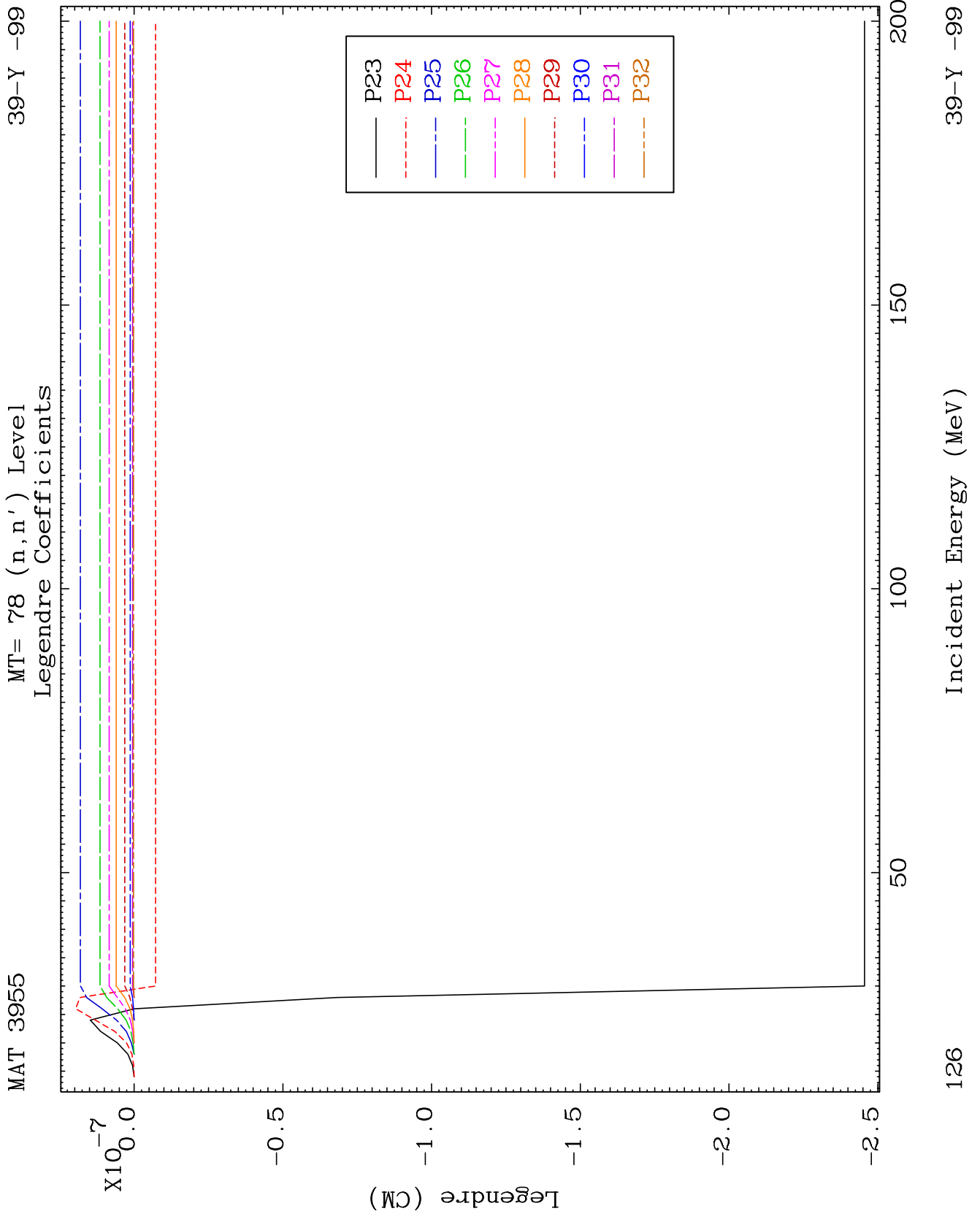
39-Y -99



125

Incident Energy (MeV)

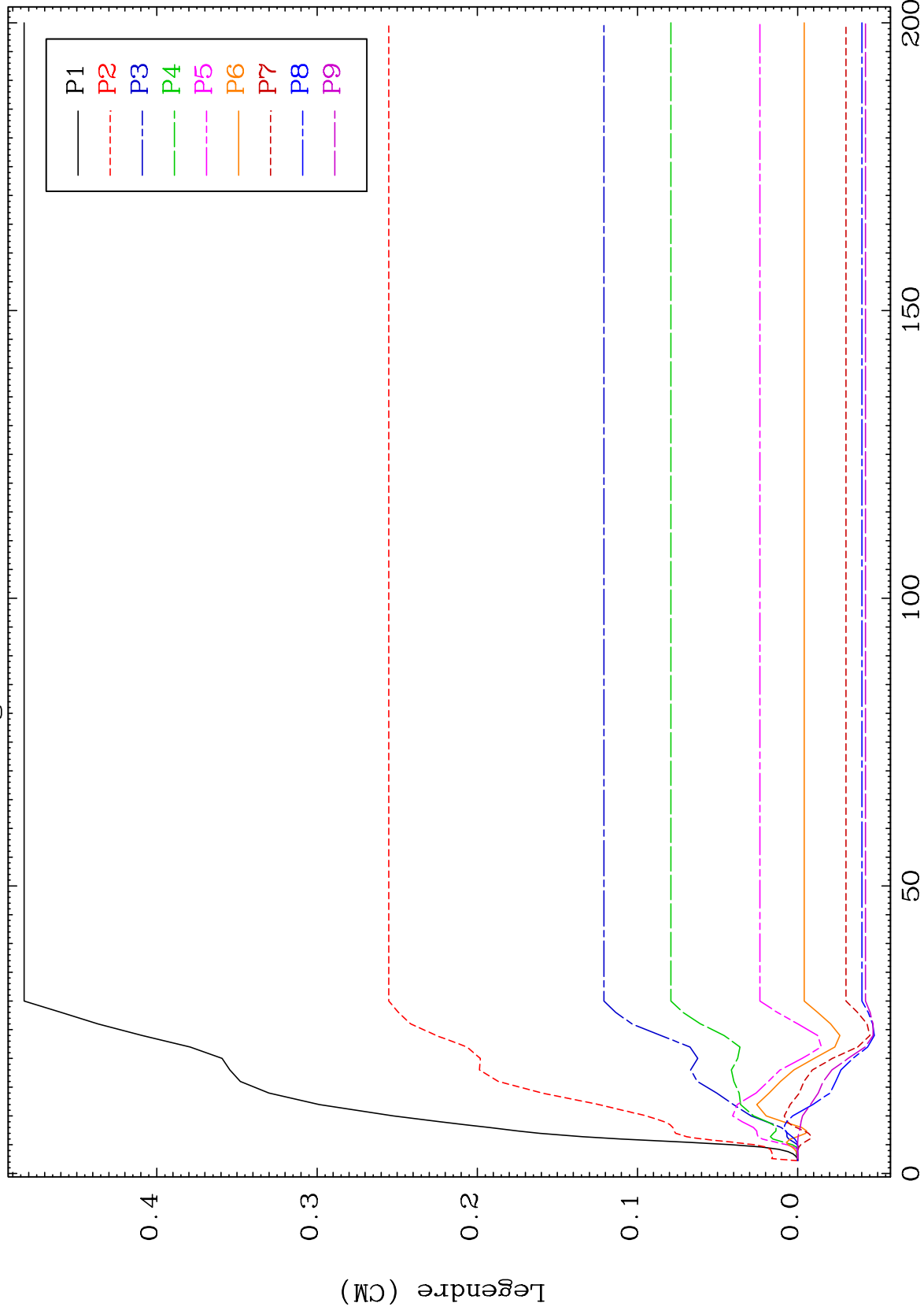
39-Y -99



MAT 3955

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

39-Y -99



127

Incident Energy (MeV)

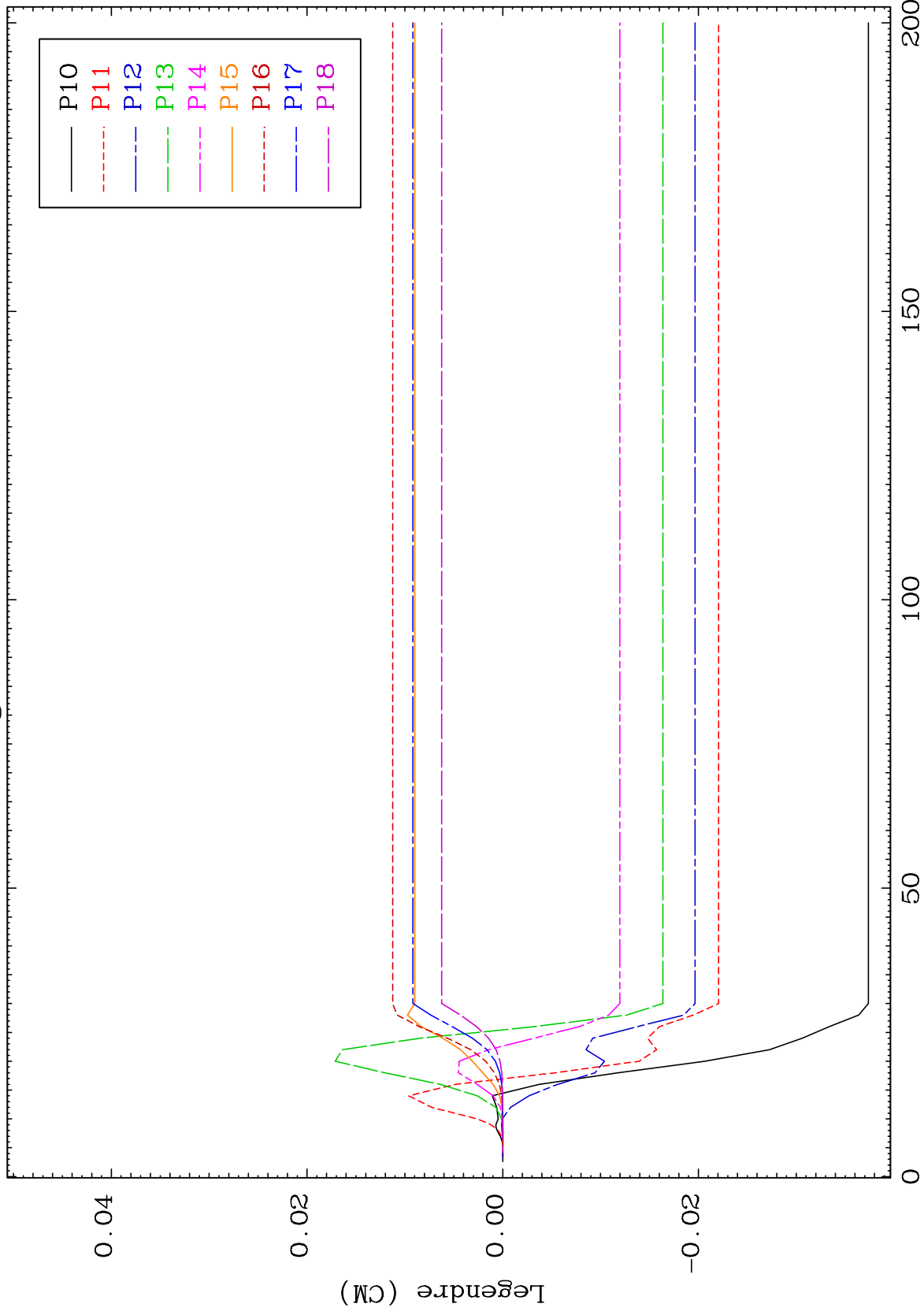
39-Y -99



MAT 3955

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

39-Y -99



128

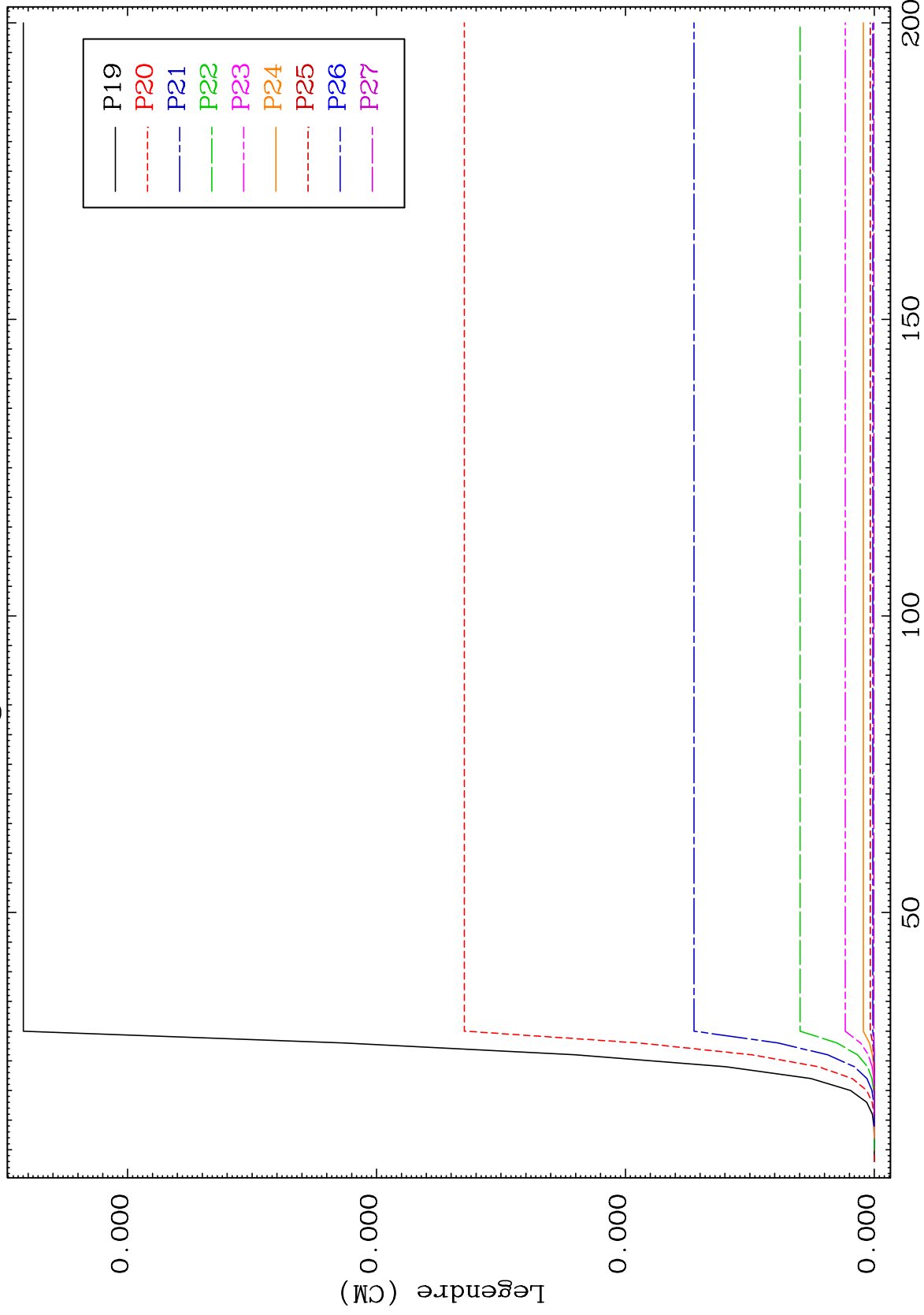
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



129

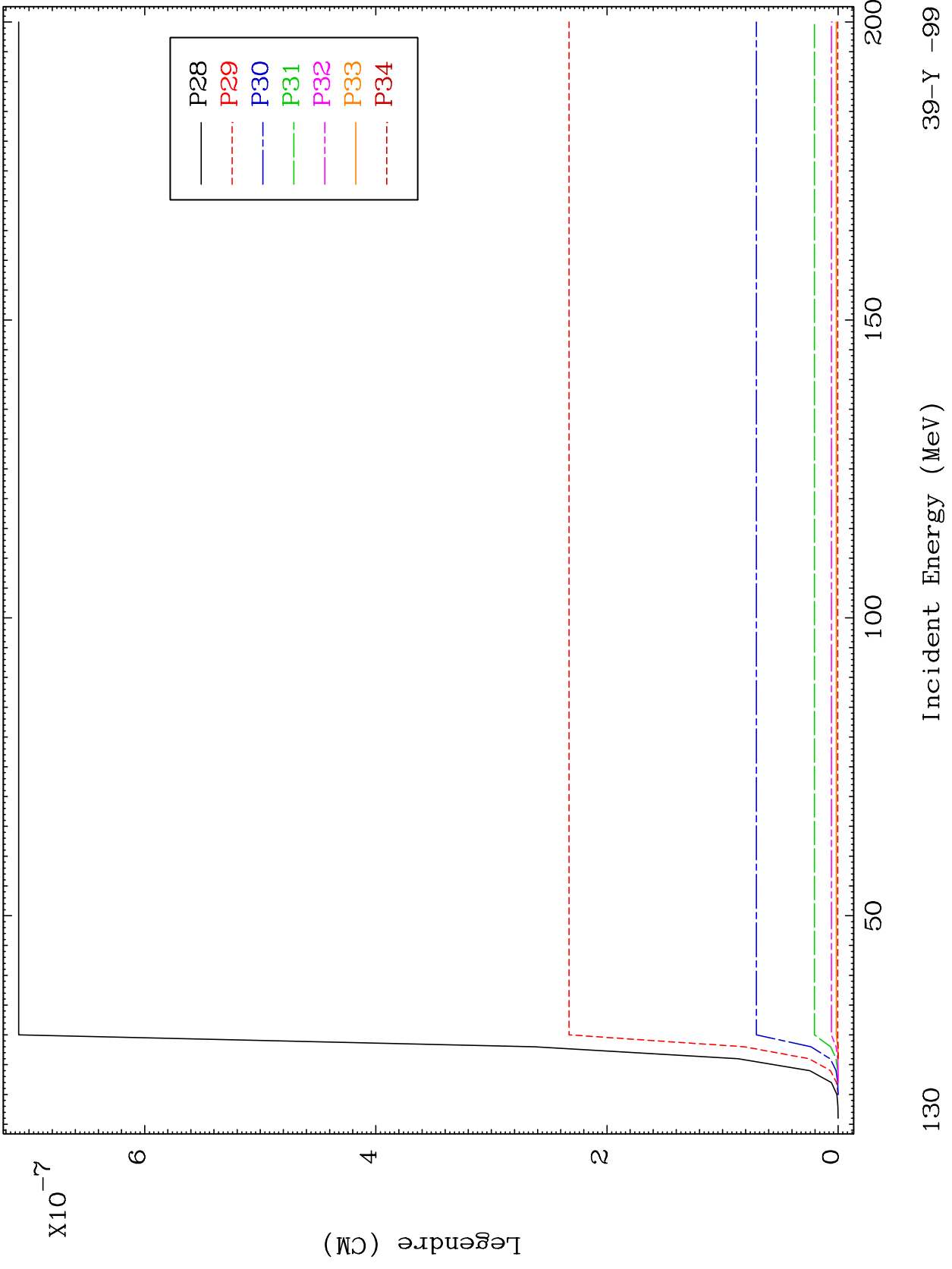
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



130

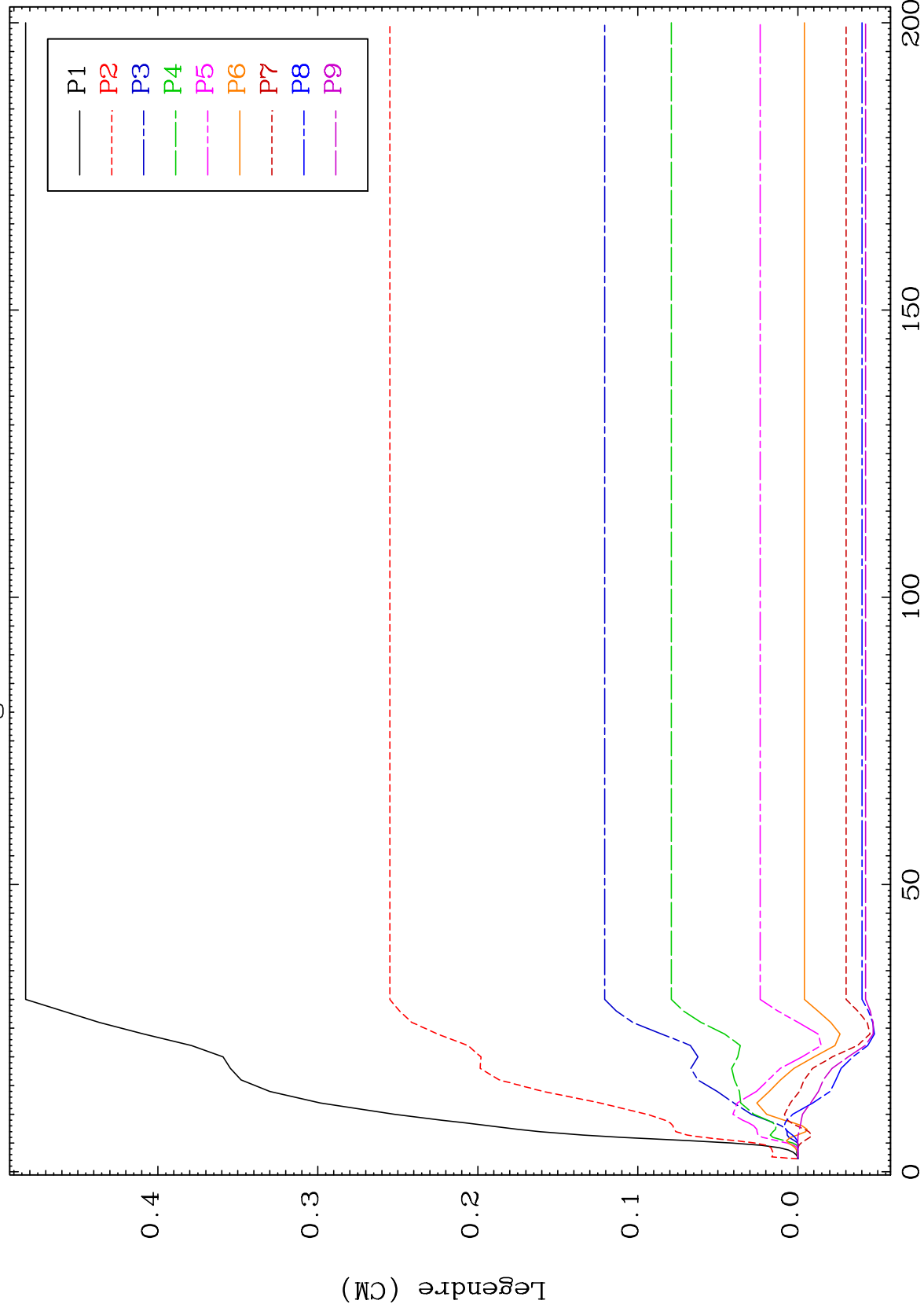
Incident Energy (MeV)

39-Y -99

MAT 3955

MT= 80 (n,n') Level  
Legendre Coefficients

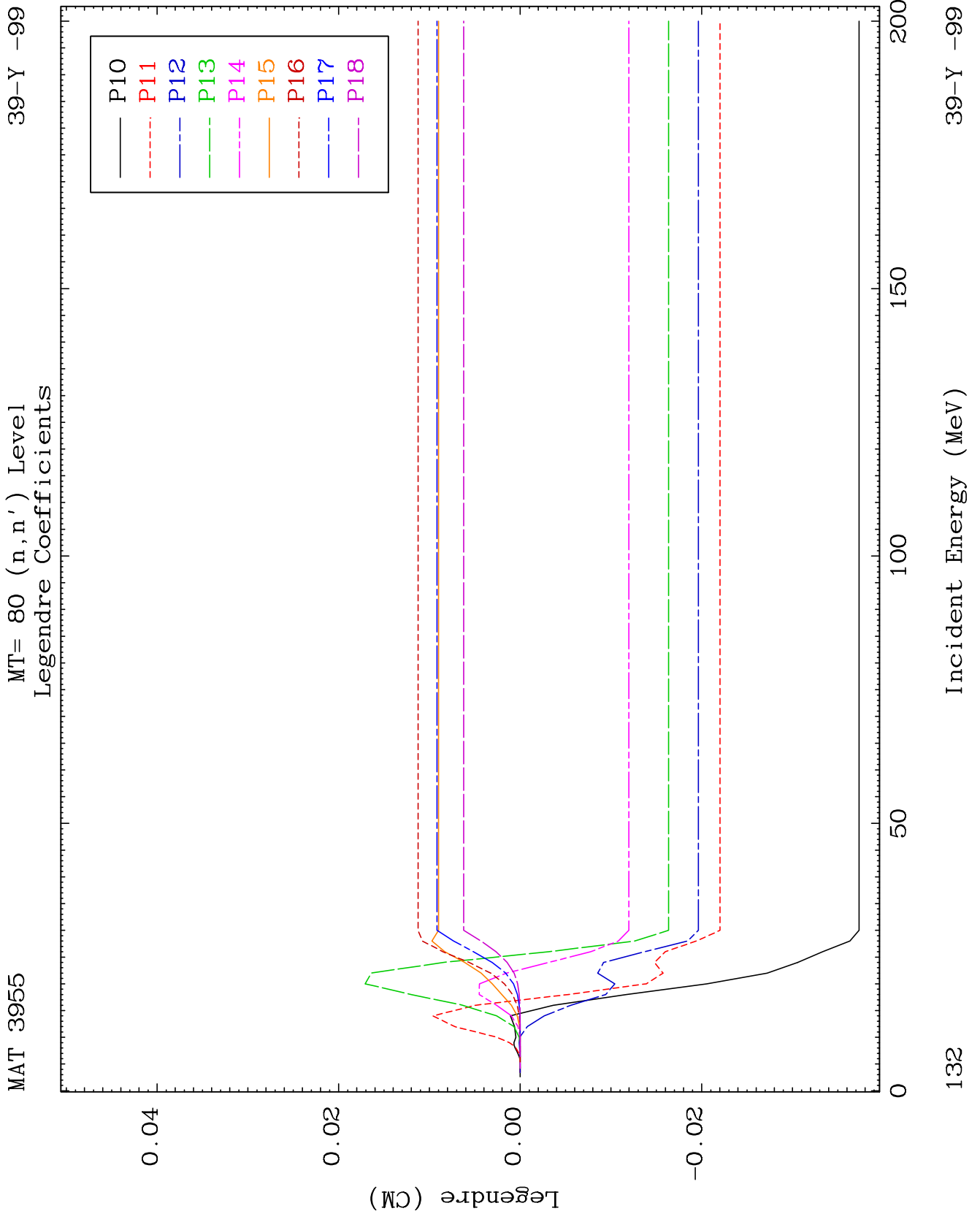
39-Y -99



131

Incident Energy (MeV)

39-Y -99



MAT 3955

MT= 80 (n,n') Level  
Legendre Coefficients

39-Y -99

0.000

Legendre (CM)

0.000

0.000

50

100

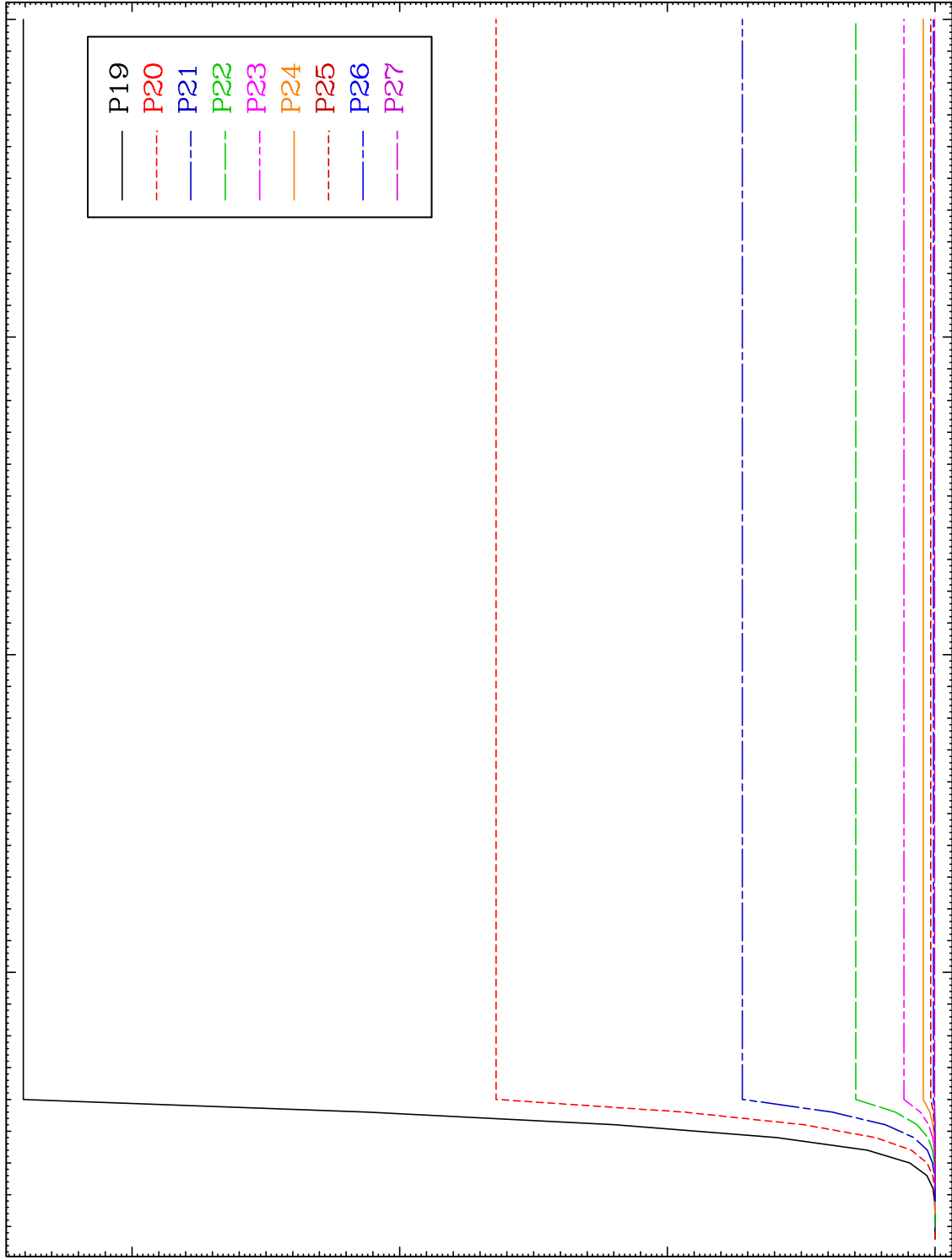
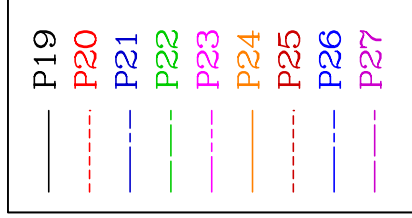
150

200

133

Incident Energy (MeV)

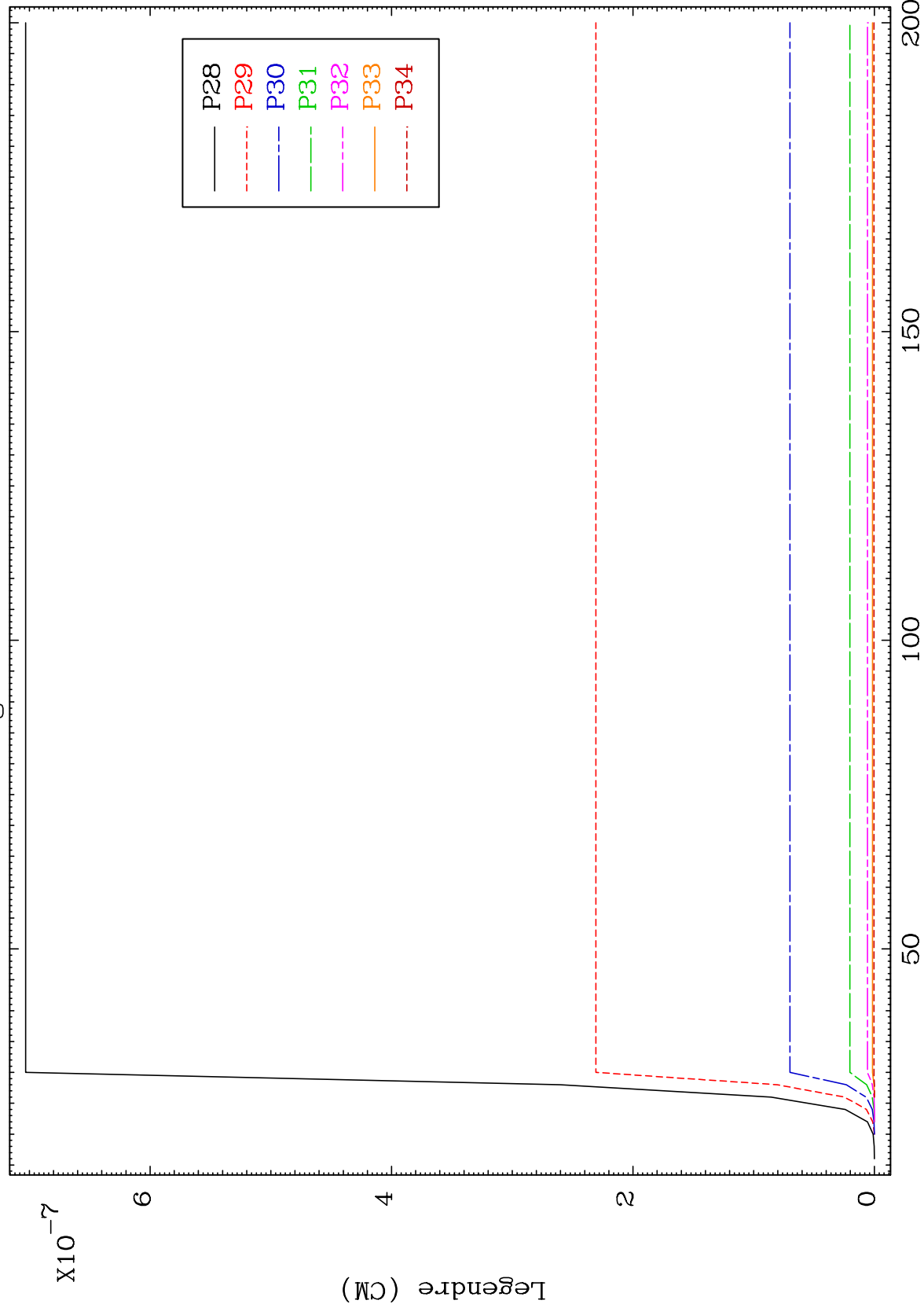
39-Y -99



MAT 3955

MT= 80 (n,n') Level  
Legendre Coefficients

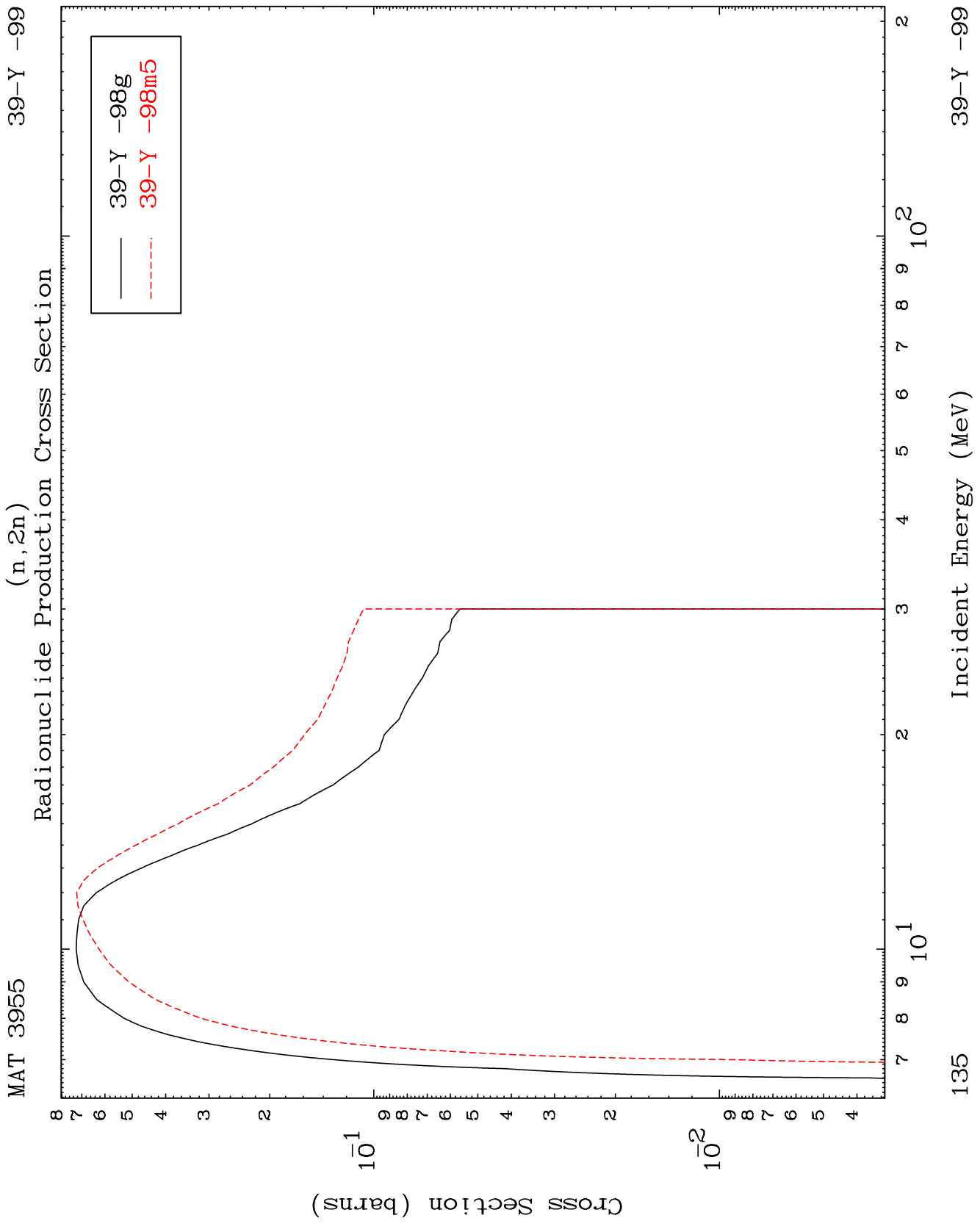
39-Y -99



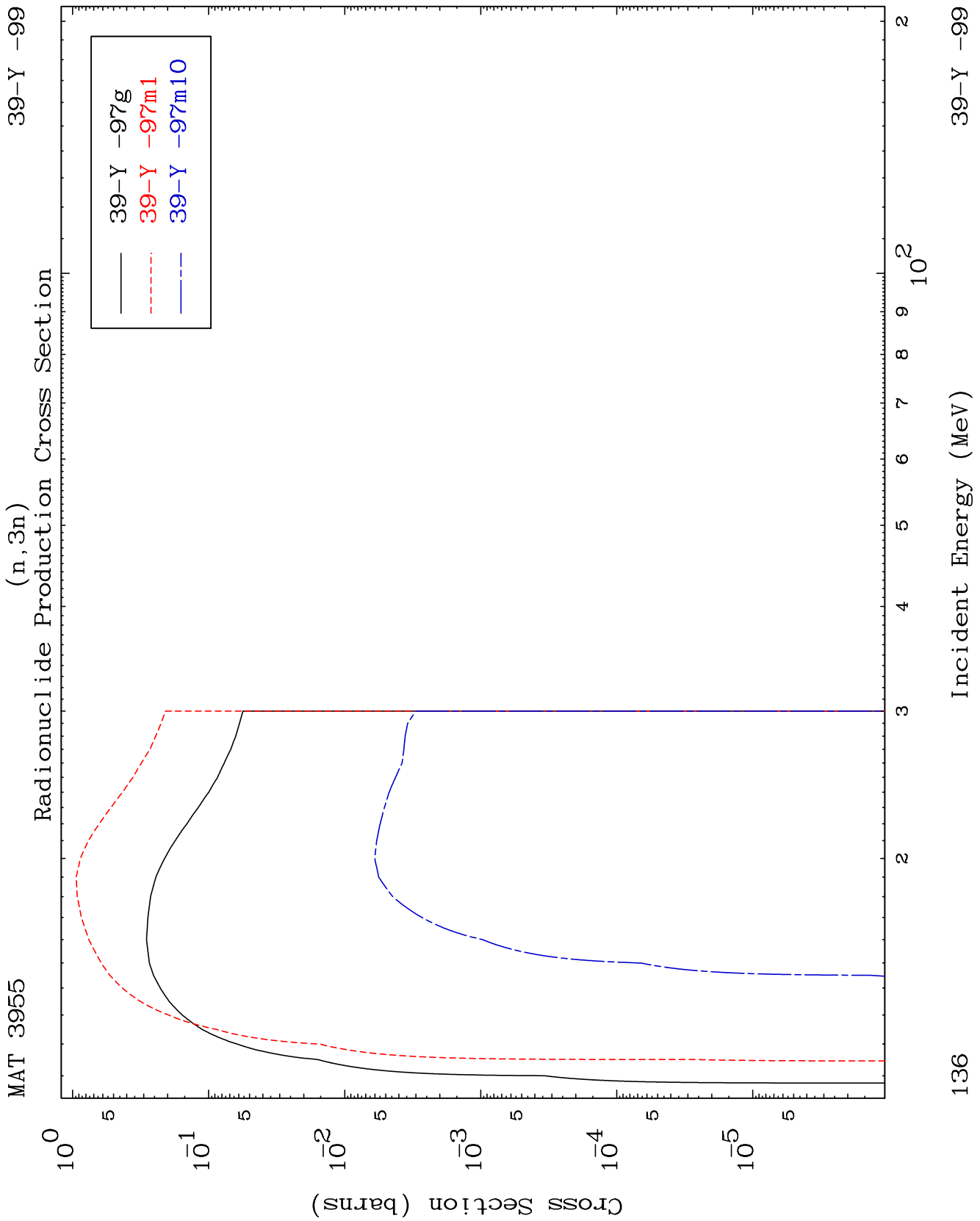
134

Incident Energy (MeV)

39-Y -99





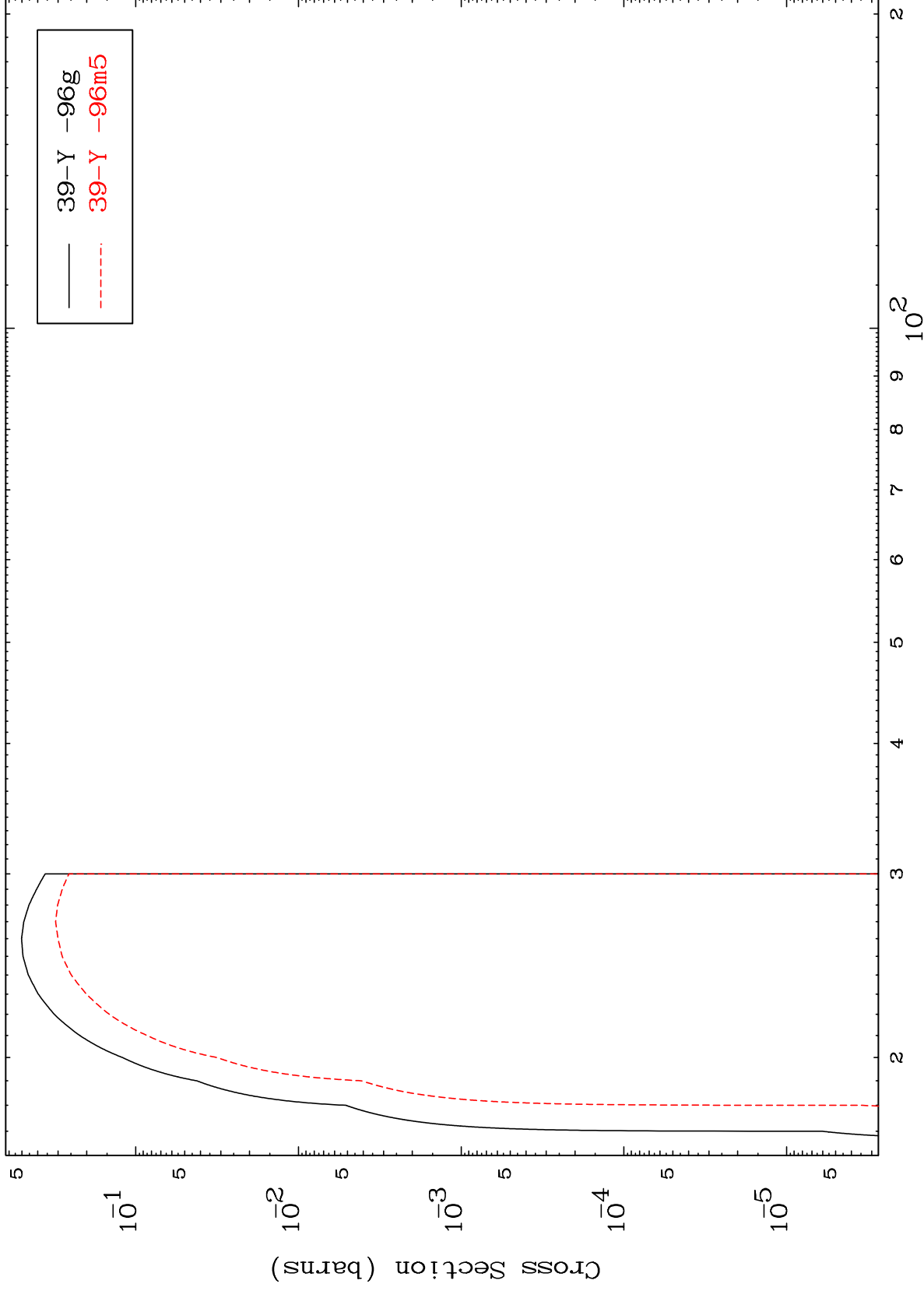


MAT 3955

(n,4n)

39-Y -99

Radionuclide Production Cross Section



137

Incident Energy (MeV)

39-Y -99

MAT 3955

39-Y -99

