

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

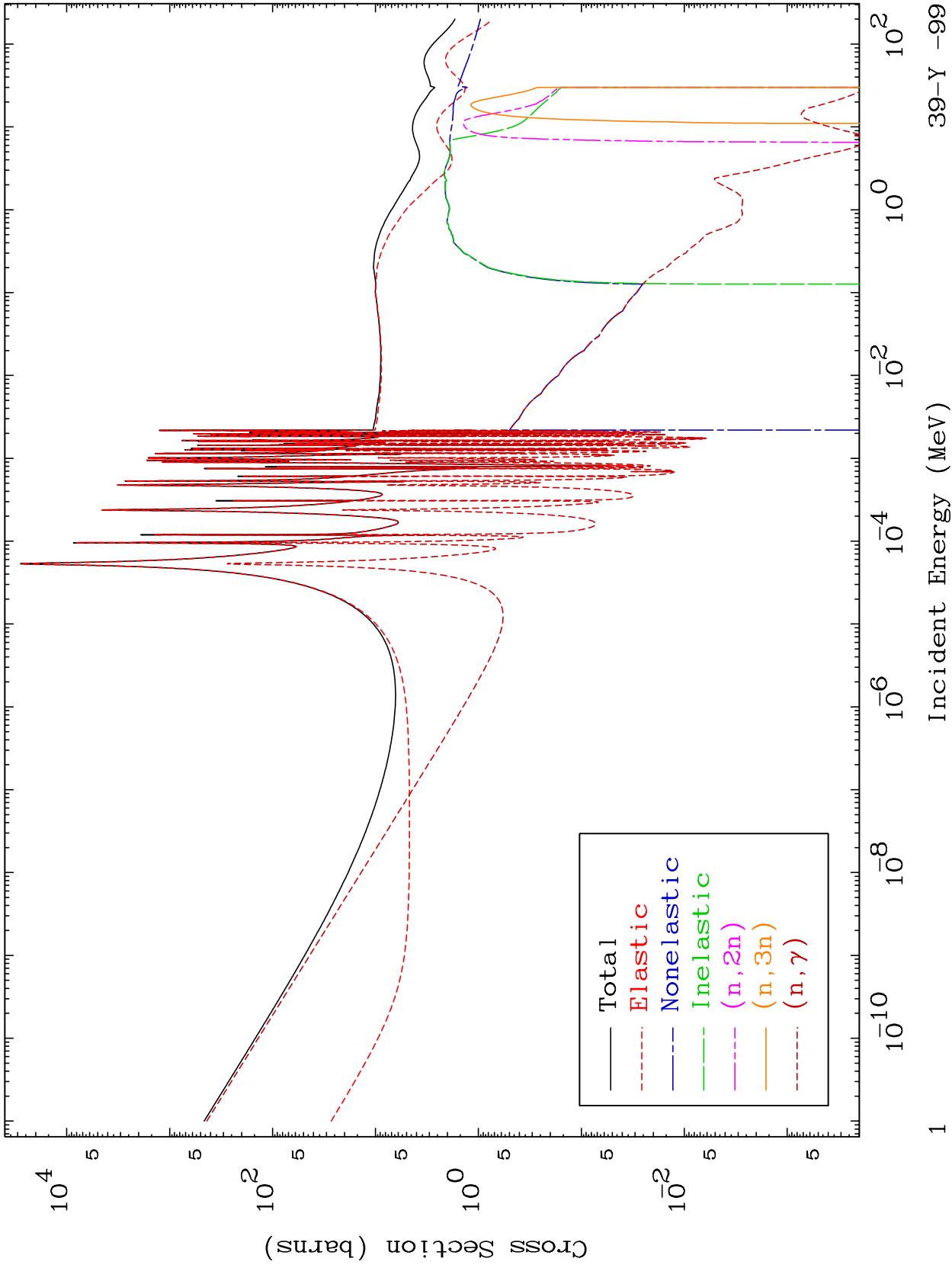
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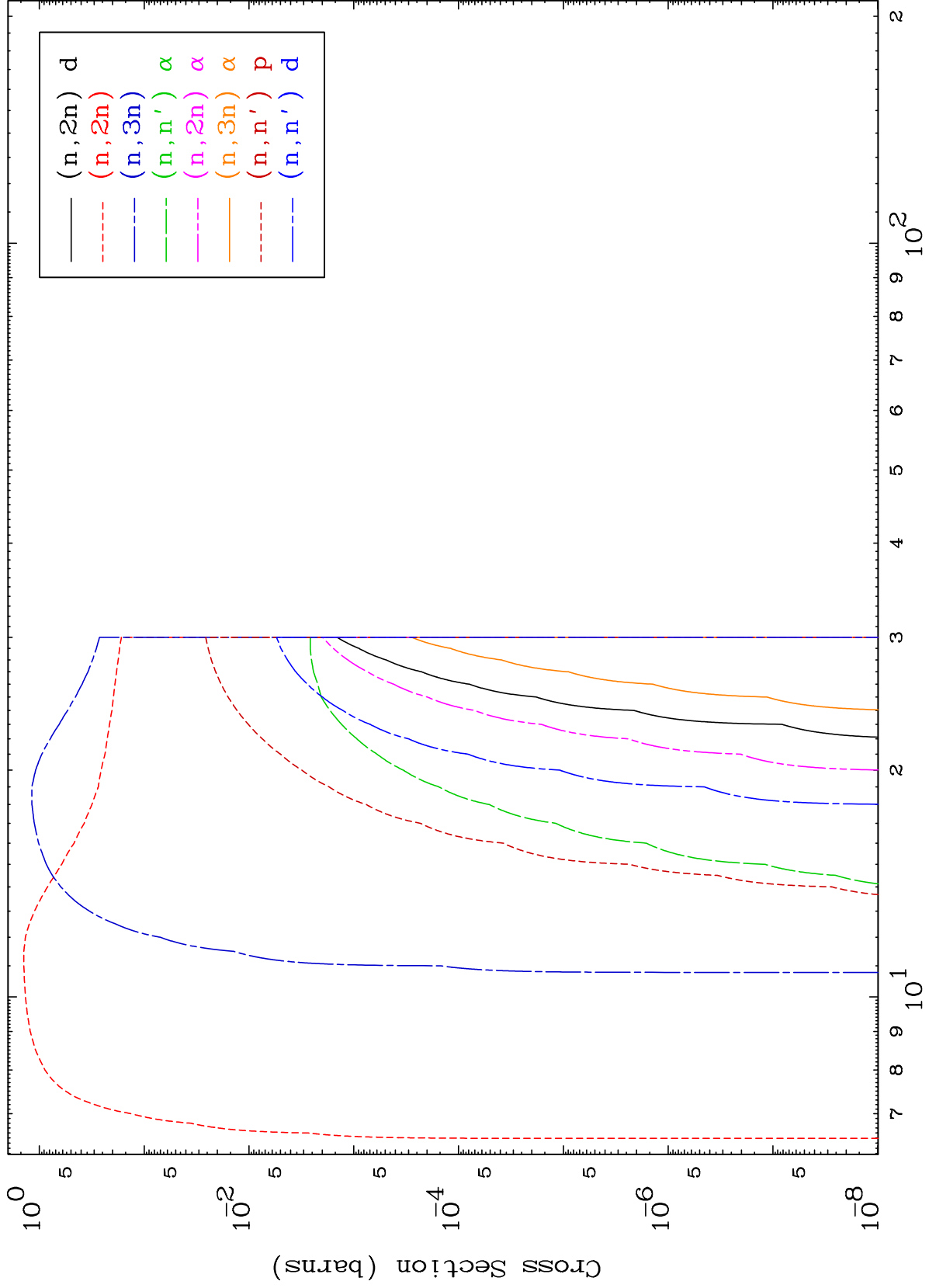
Press Mouse Button to Start

MAT 3955

Neutron Major  
293 Kelvin Cross Sections

39-Y -99

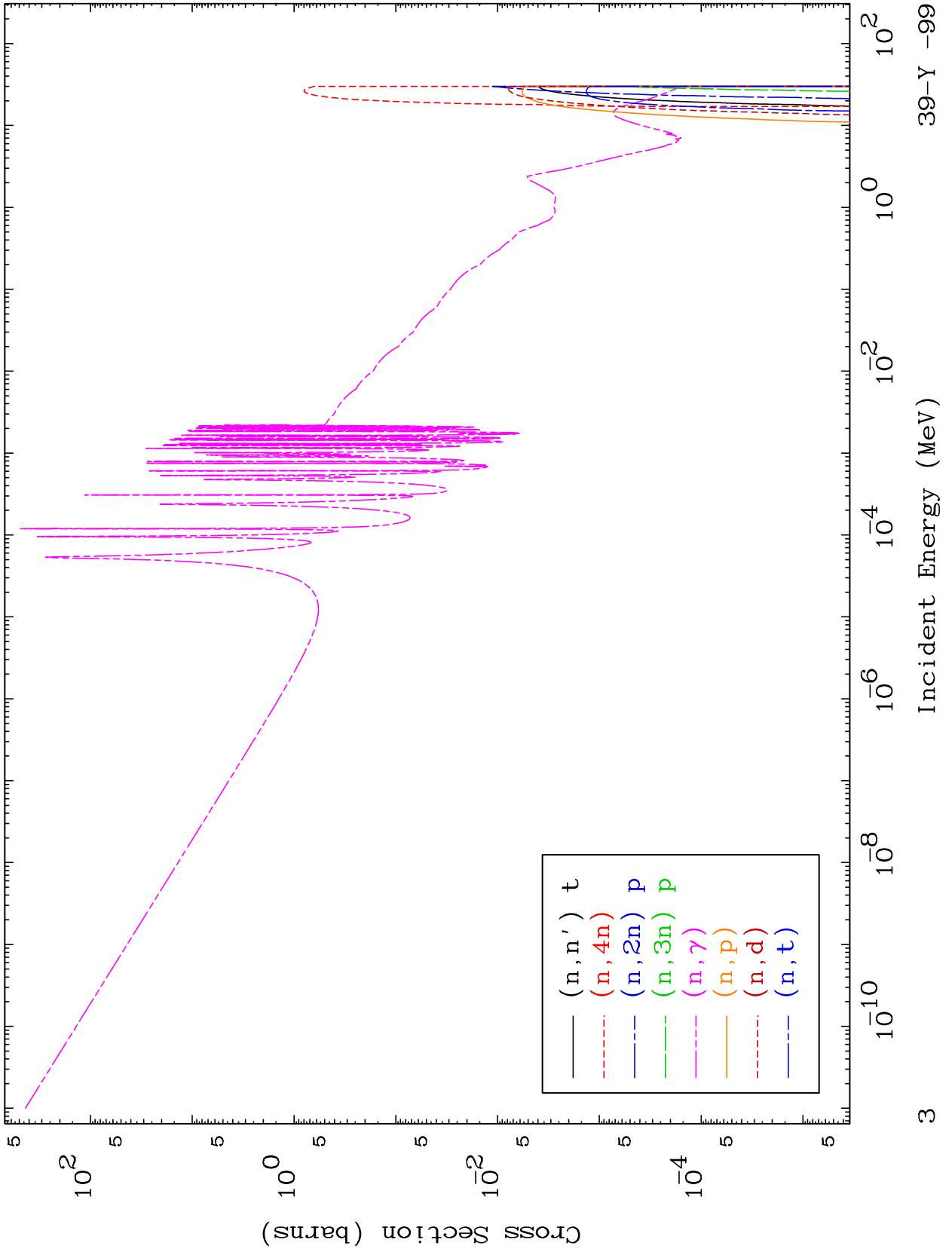


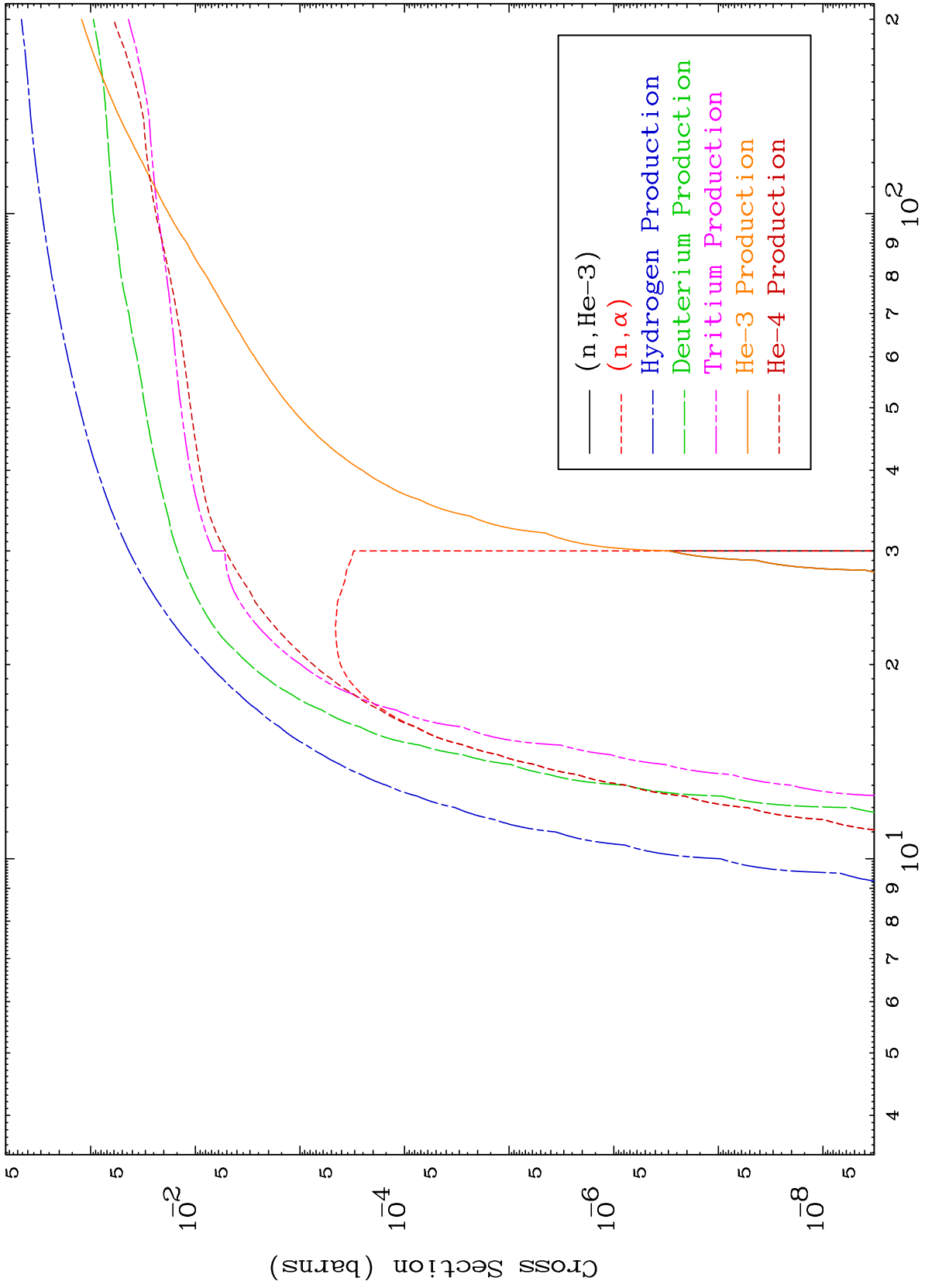


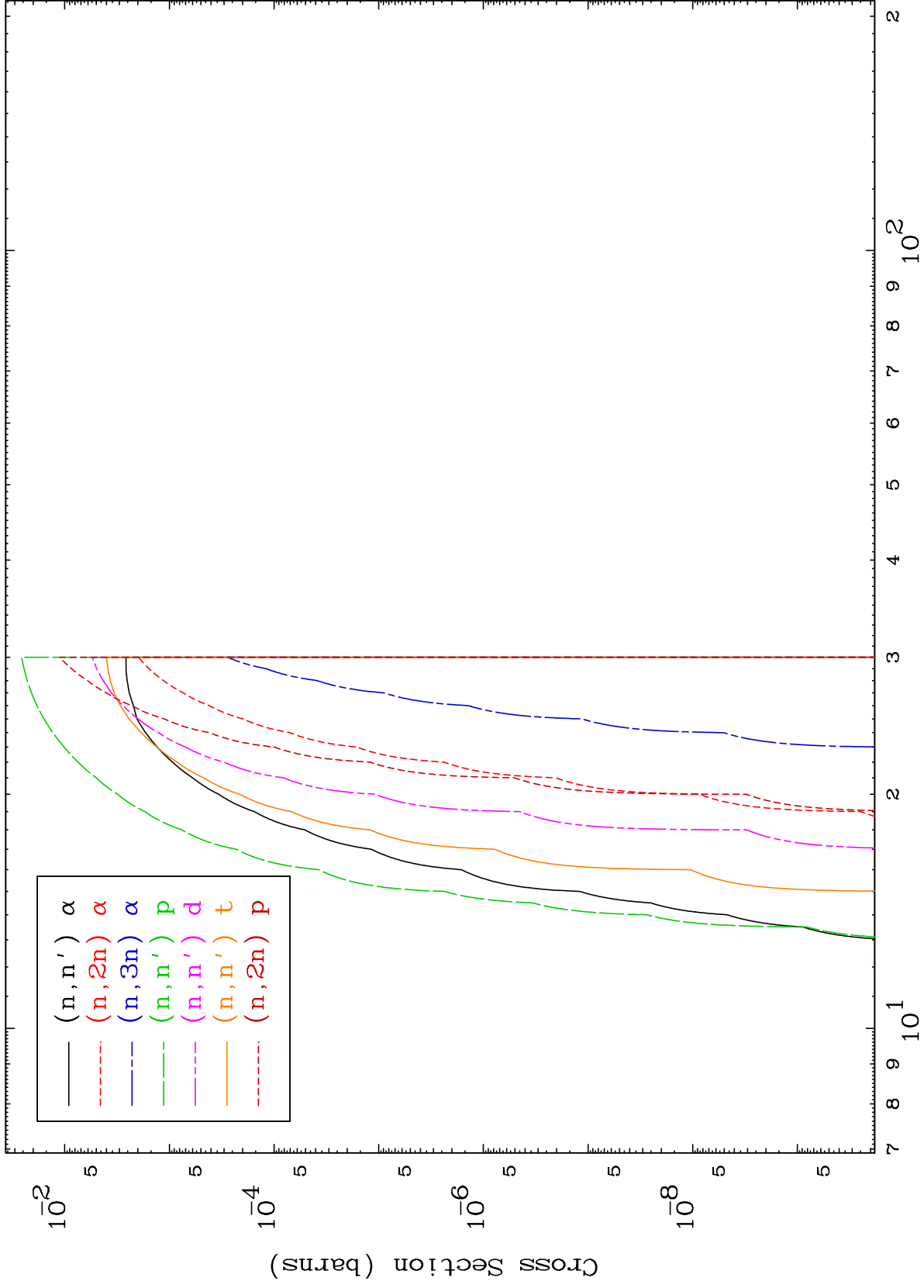
MAT 3955

Neutron Absorption  
293 Kelvin Cross Sections

39-Y -99



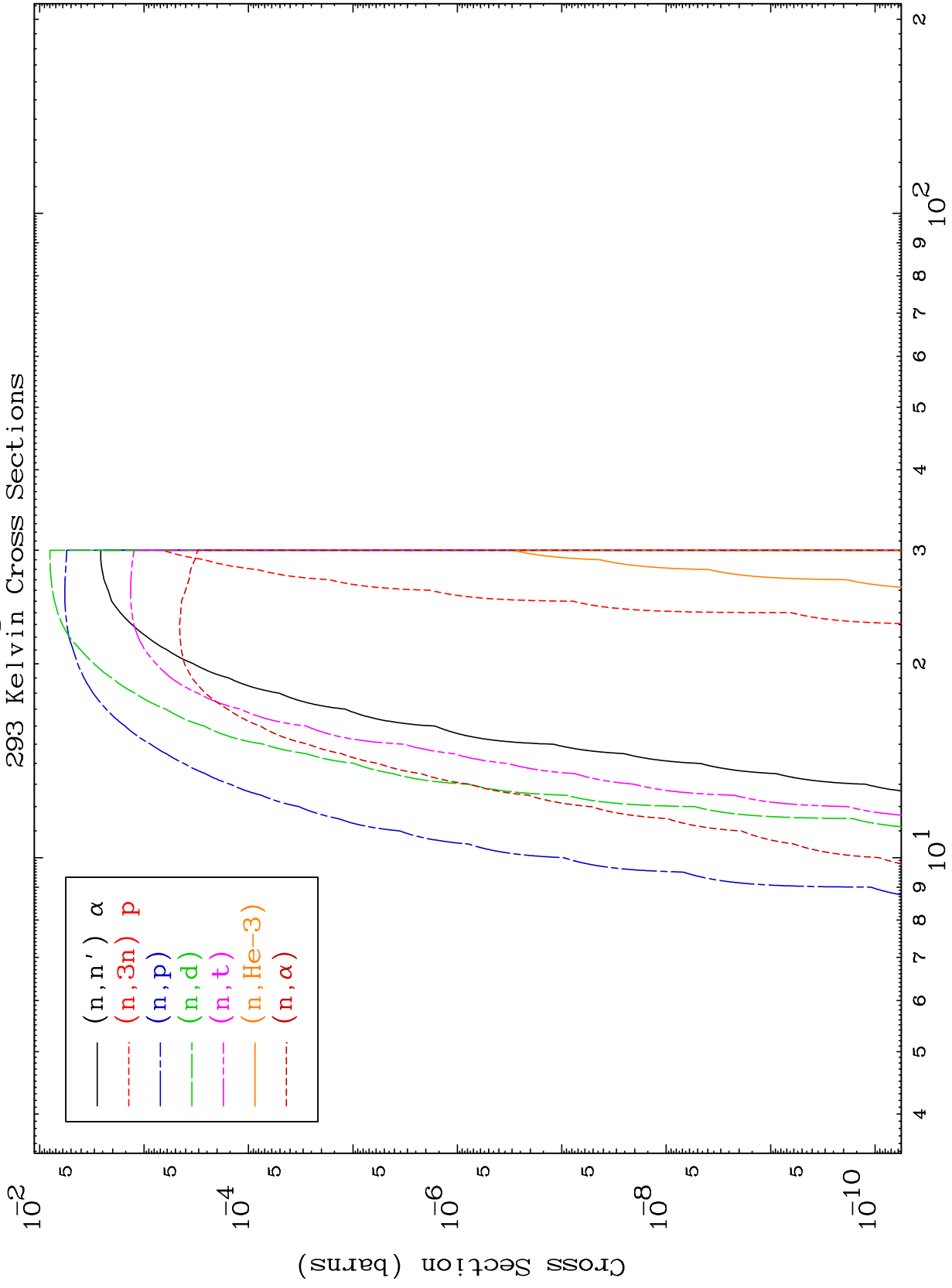




MAT 3955

Charged Particle  
293 Kelvin Cross Sections

39-Y -99



6

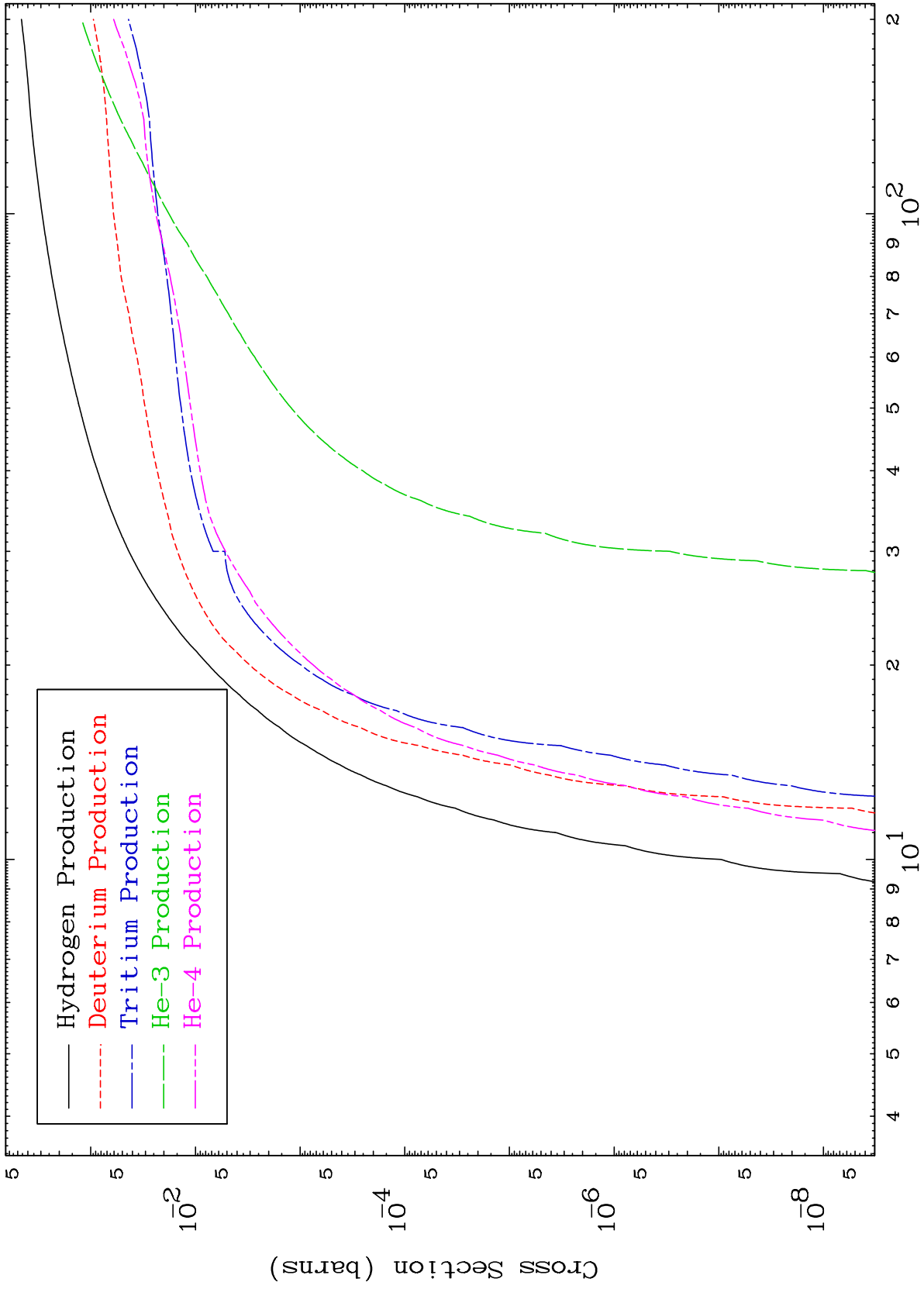
Incident Energy (MeV)

39-Y -99

MAT 3955

Particle Production  
293 Kelvin Cross Sections

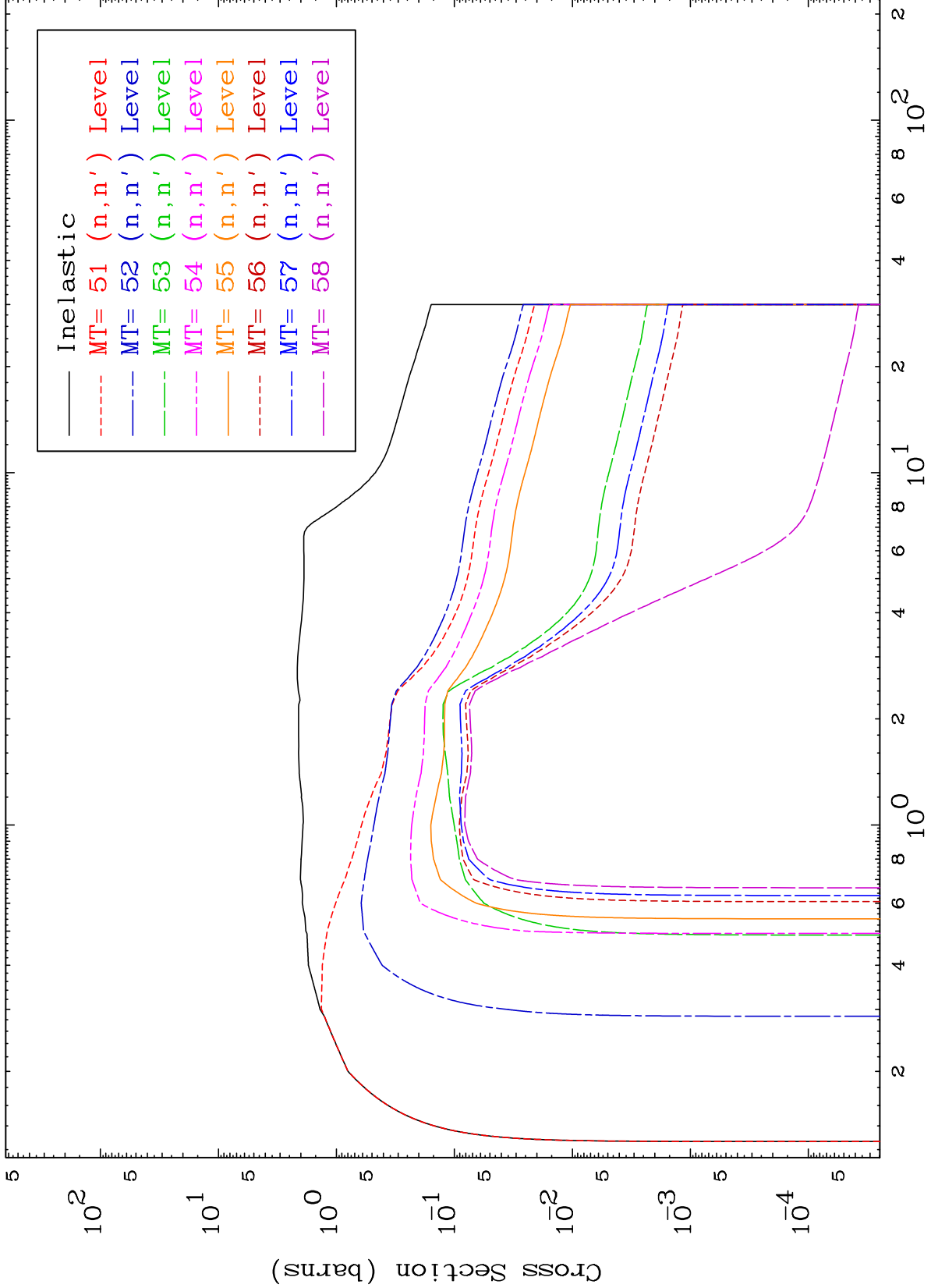
39-Y -99



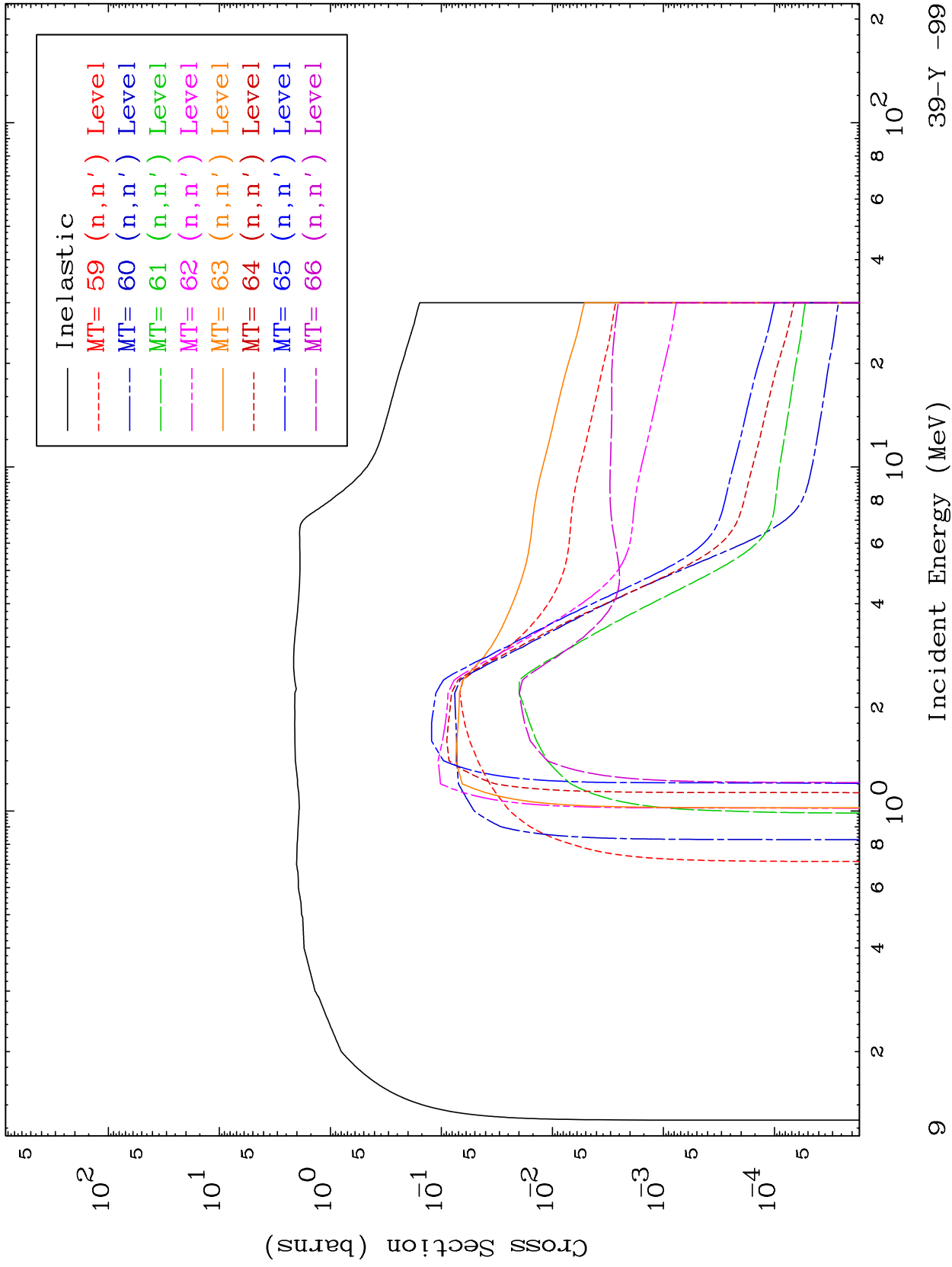
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Incident Energy (MeV)

39-Y -99



293 Kelvin Cross Sections

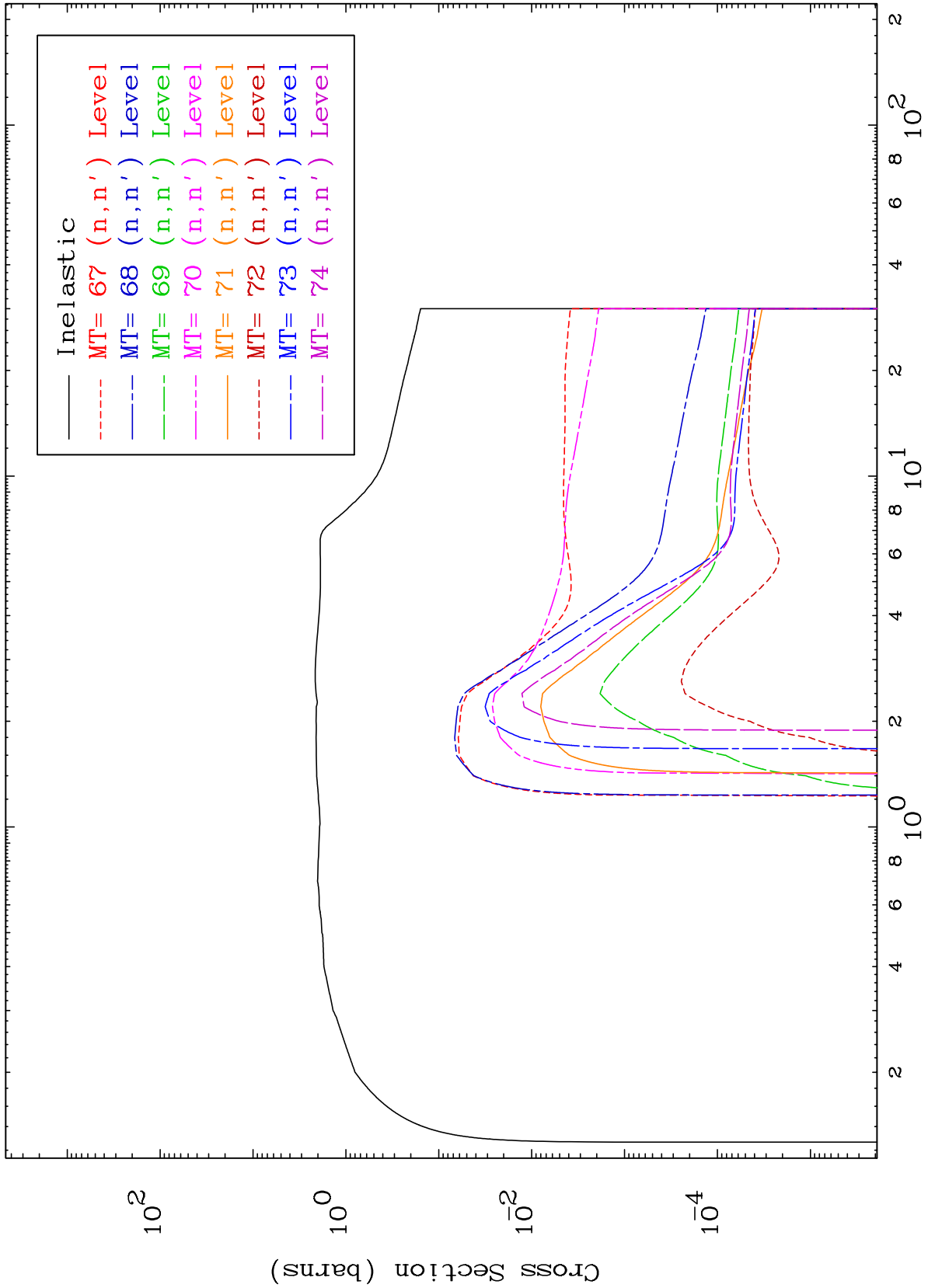


MAT 3955

(n,n') Levels

39-Y -99

293 Kelvin Cross Sections



10

Incident Energy (MeV)

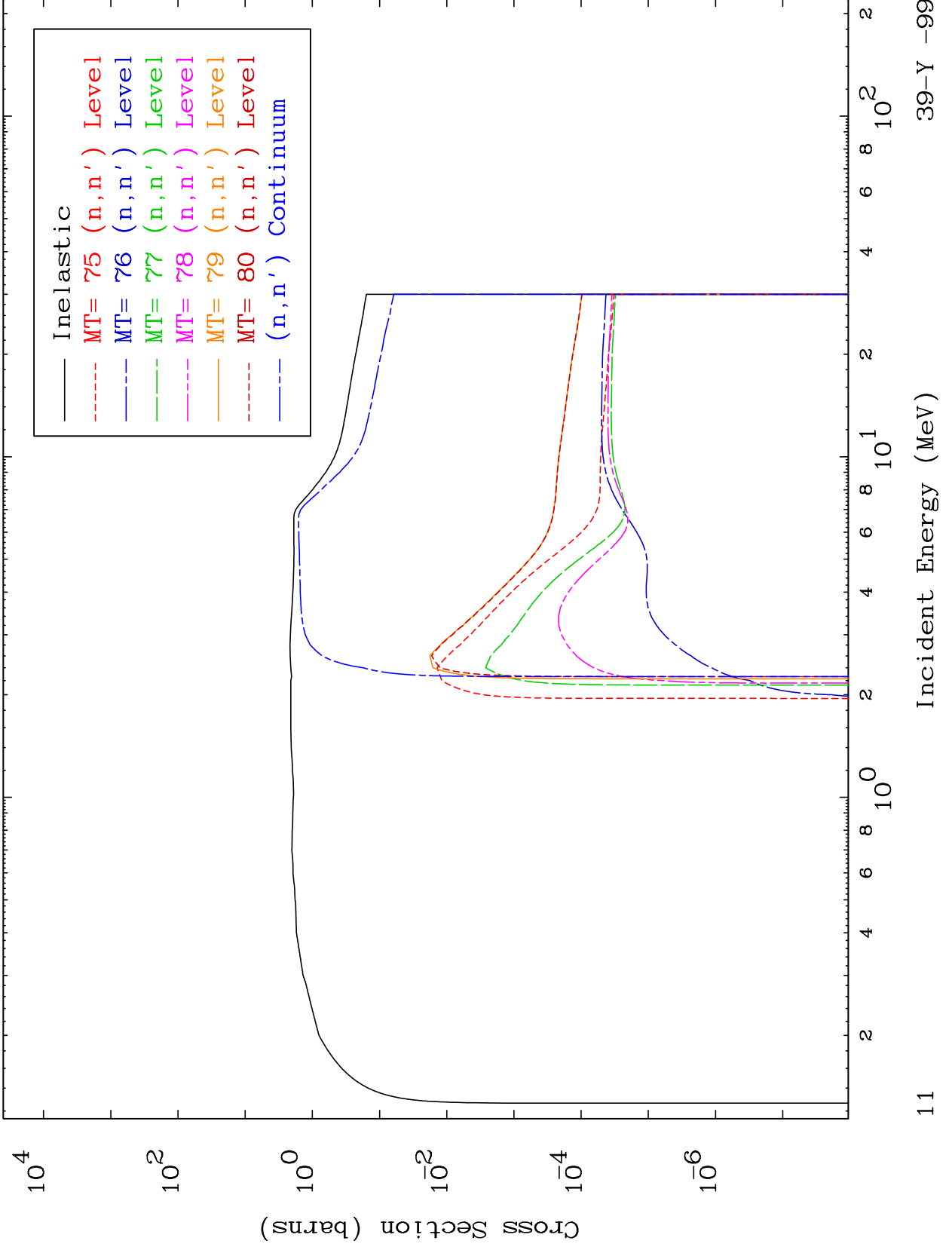
39-Y -99

MAT 3955

(n,n') Levels

293 Kelvin Cross Sections

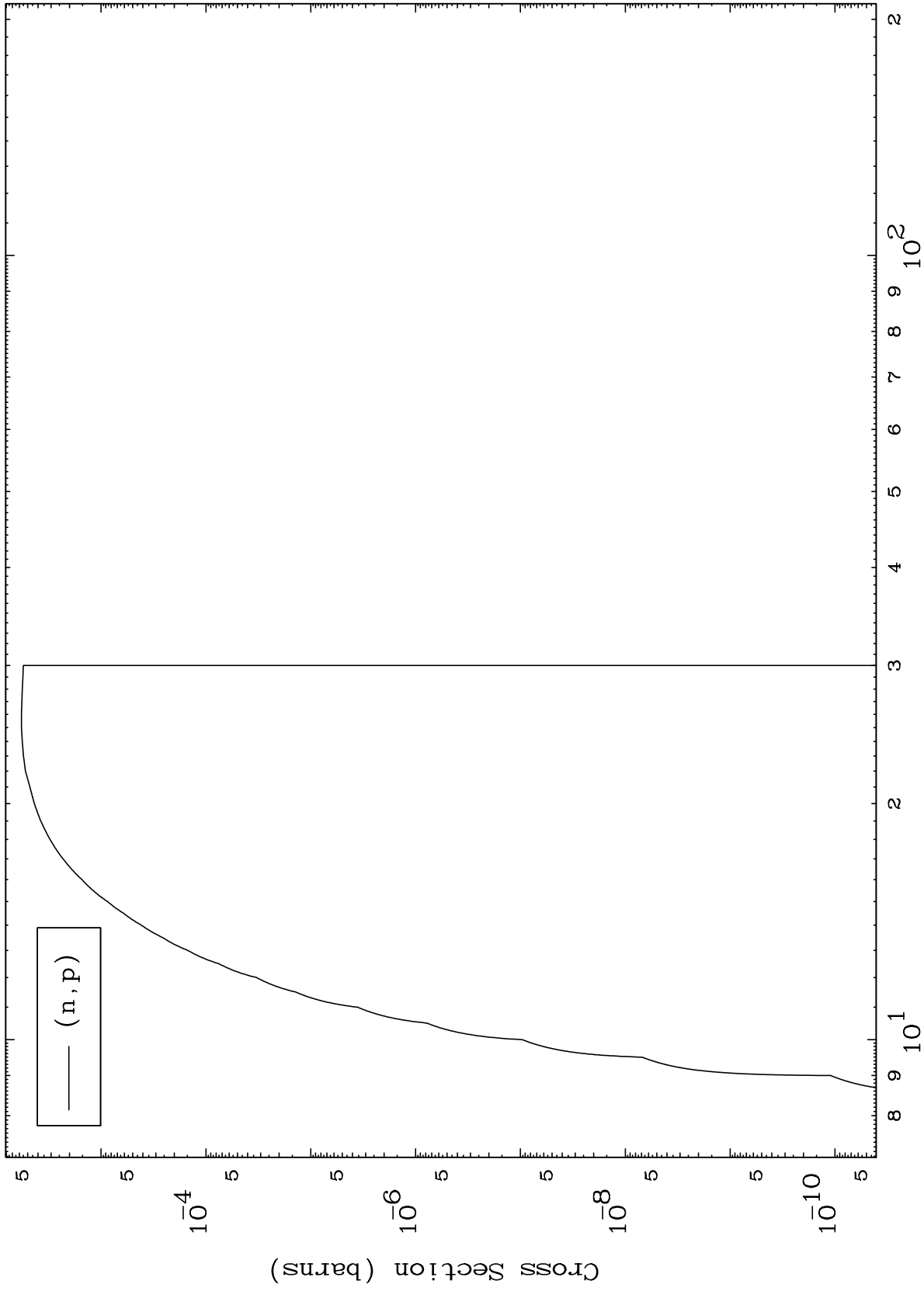
39-Y -99



MAT 3955

(n,p) Levels  
293 Kelvin Cross Sections

39-Y -99



12

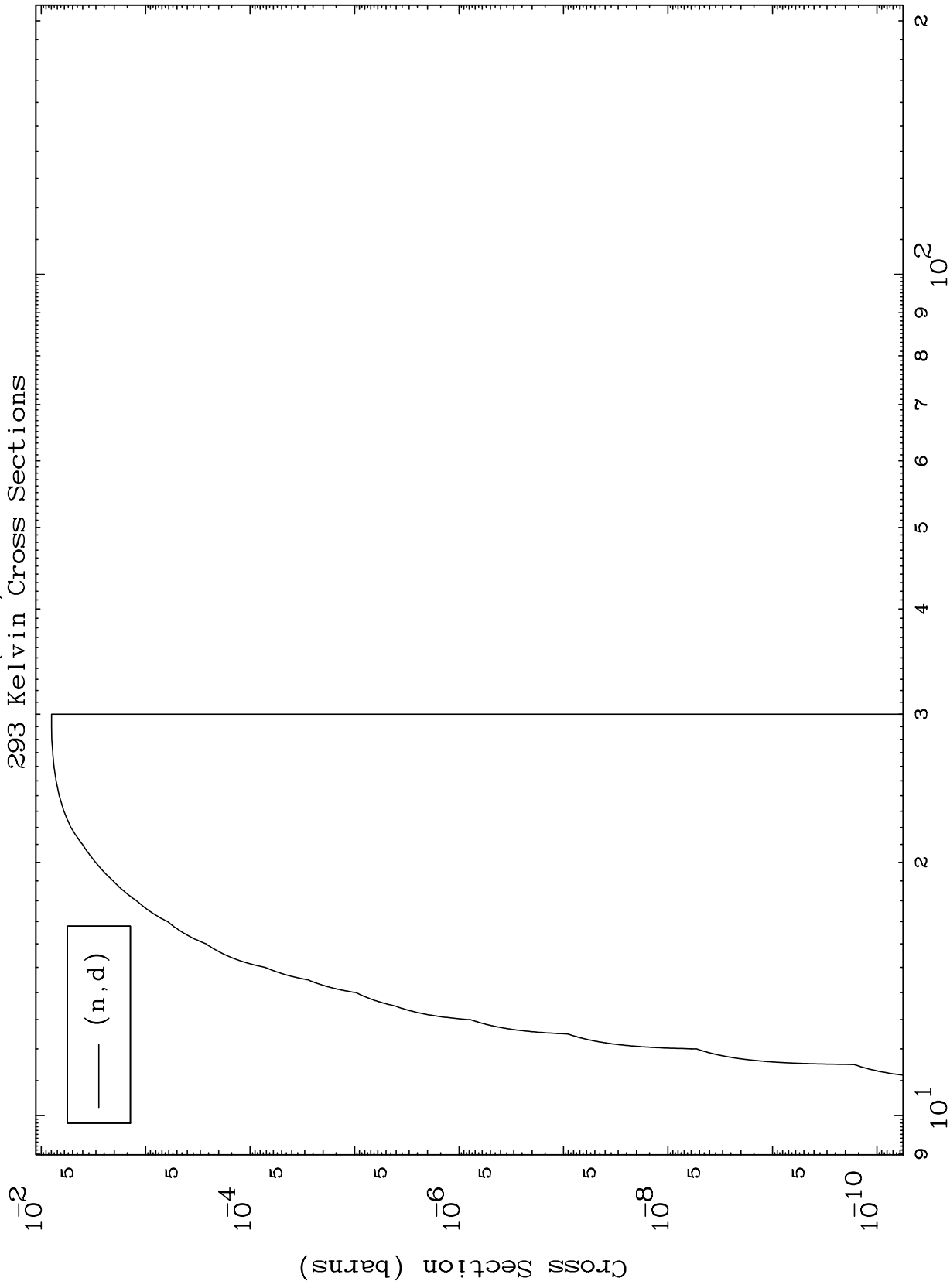
Incident Energy (MeV)

39-Y -99

MAT 3955

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -99



13

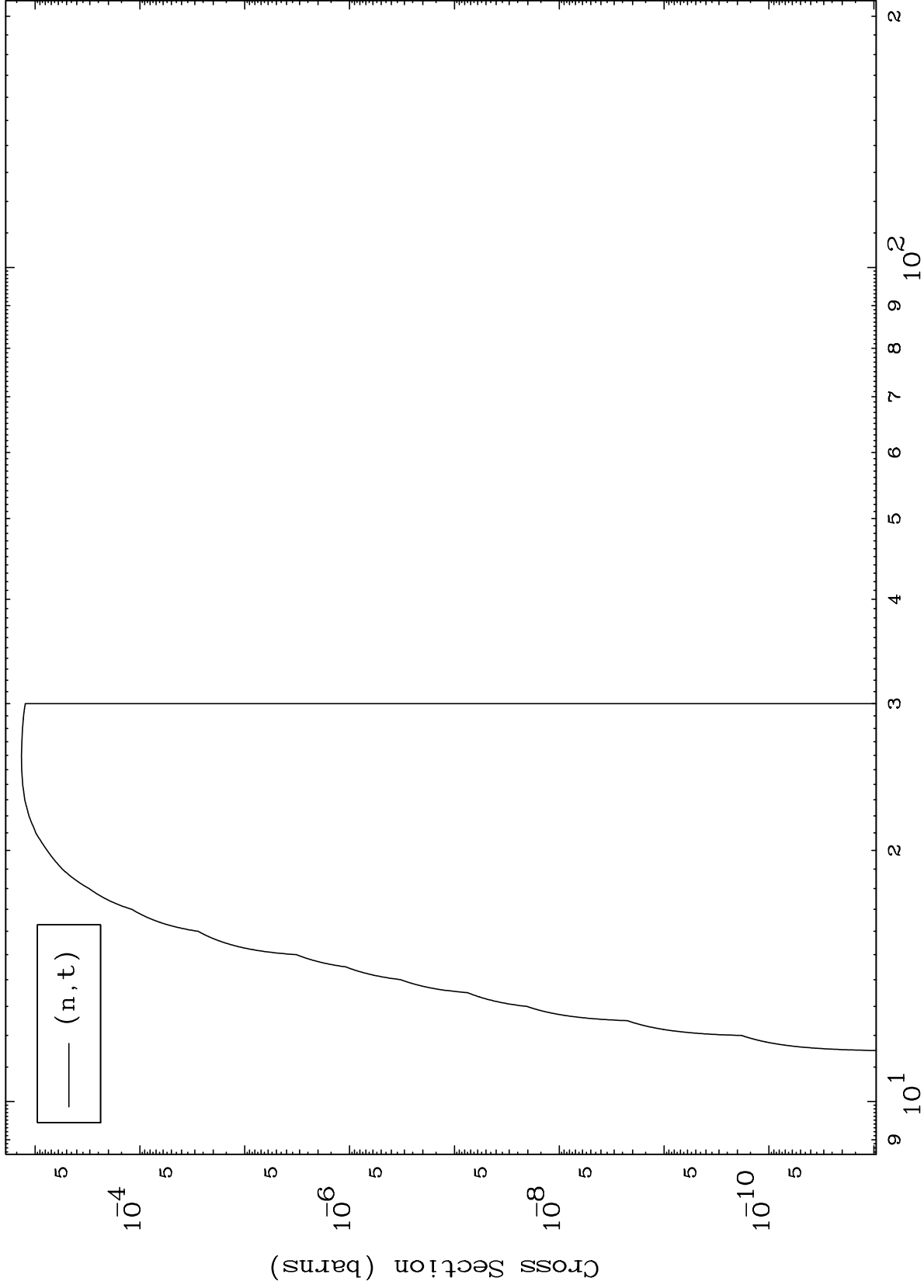
Incident Energy (MeV)

39-Y -99

MAT 3955

(n,t) Levels  
293 Kelvin Cross Sections

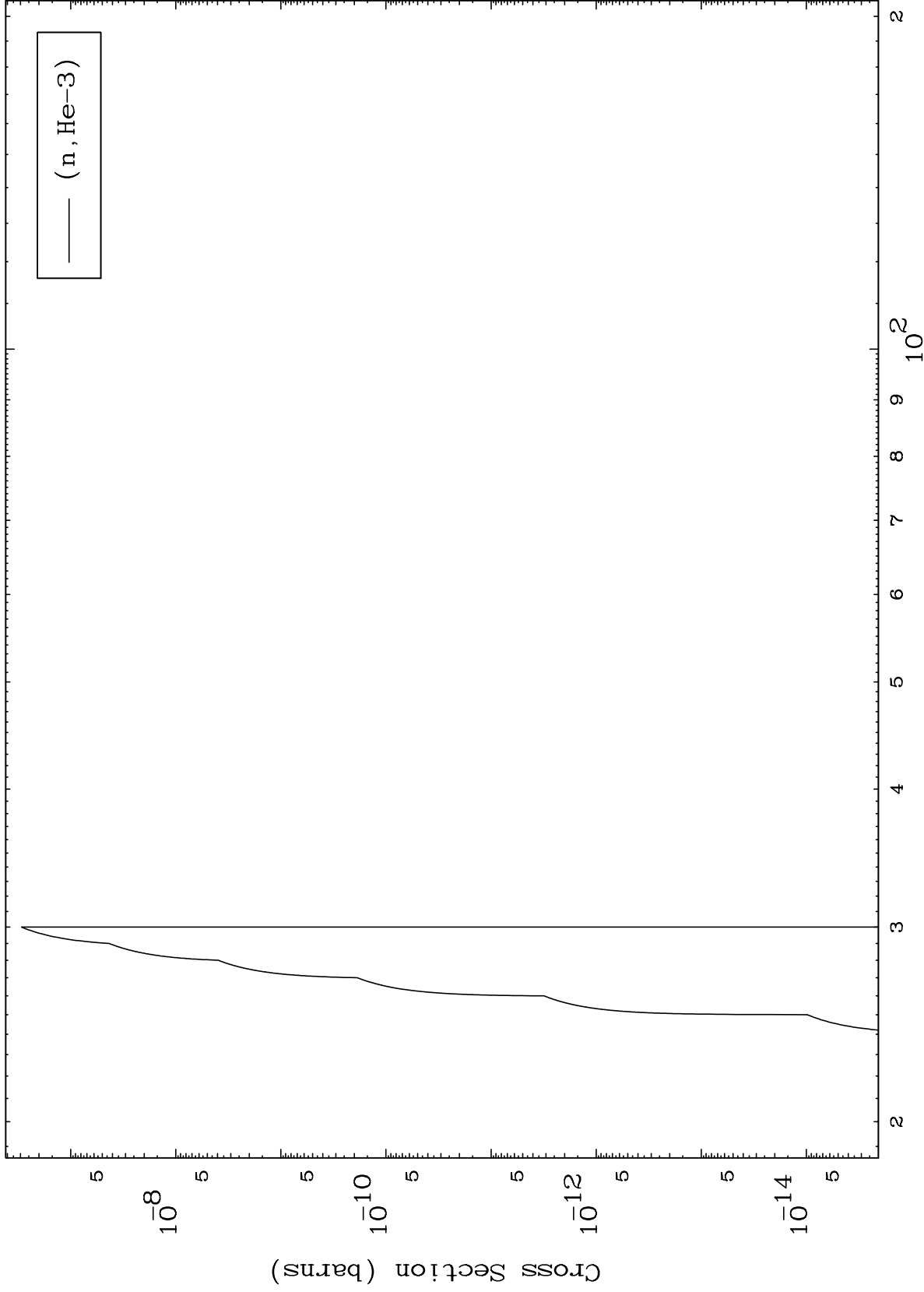
39-Y -99



14

Incident Energy (MeV)

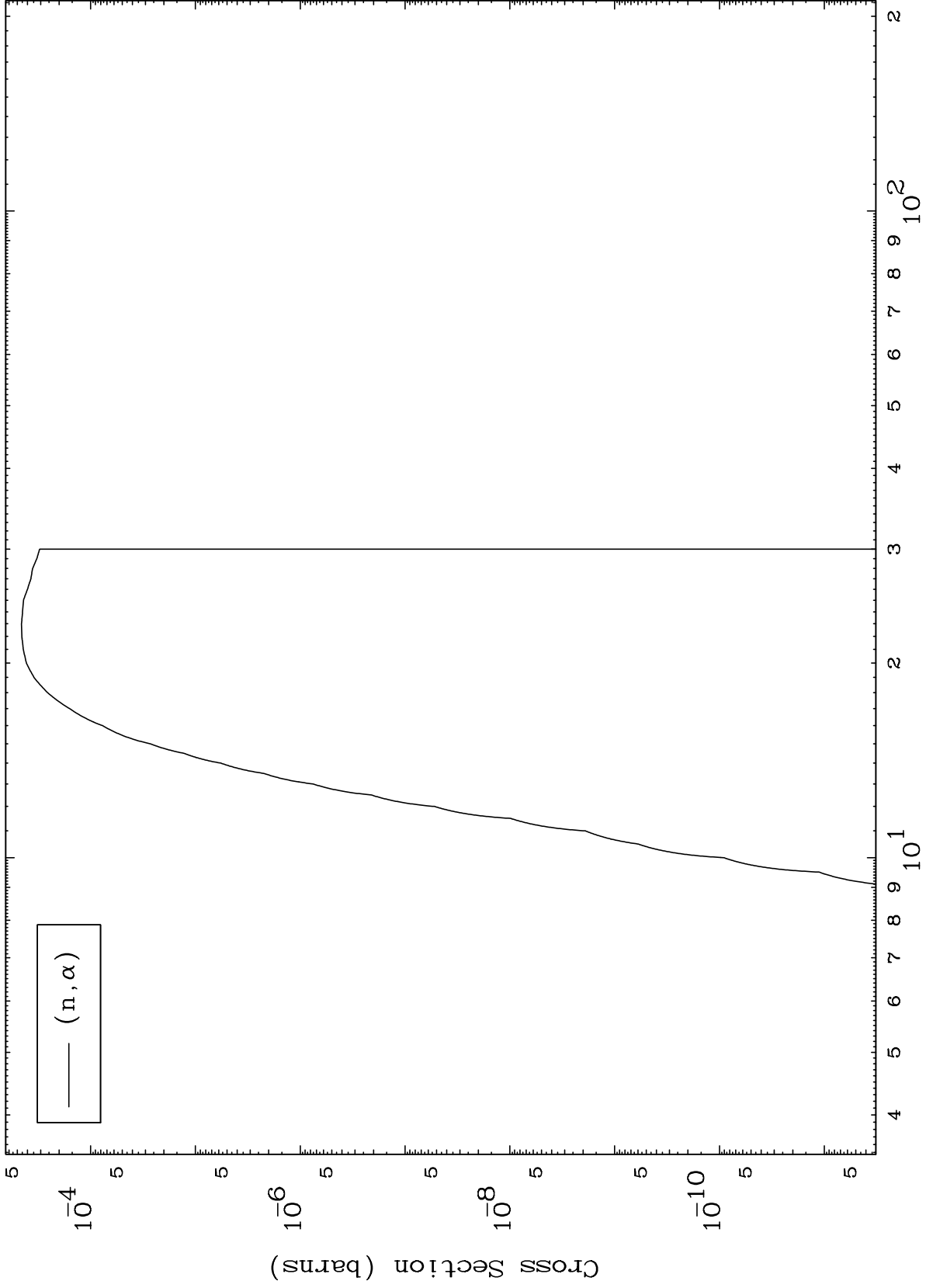
39-Y -99



MAT 3955

(n,α) Levels  
293 Kelvin Cross Sections

39-Y -99



16

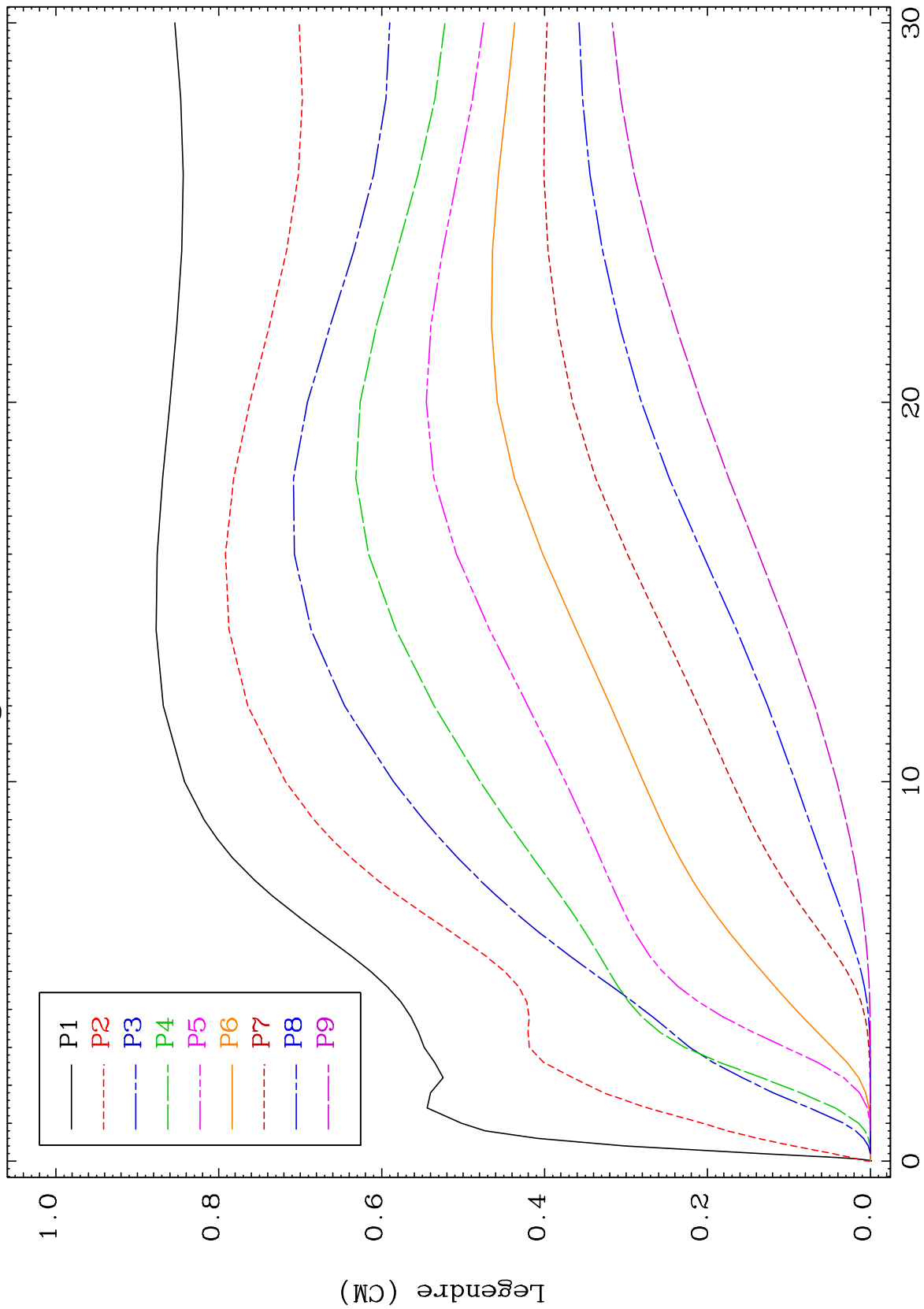
Incident Energy (MeV)

39-Y -99

MAT 3955

Elastic Legendre Coefficients

39-Y -99



17

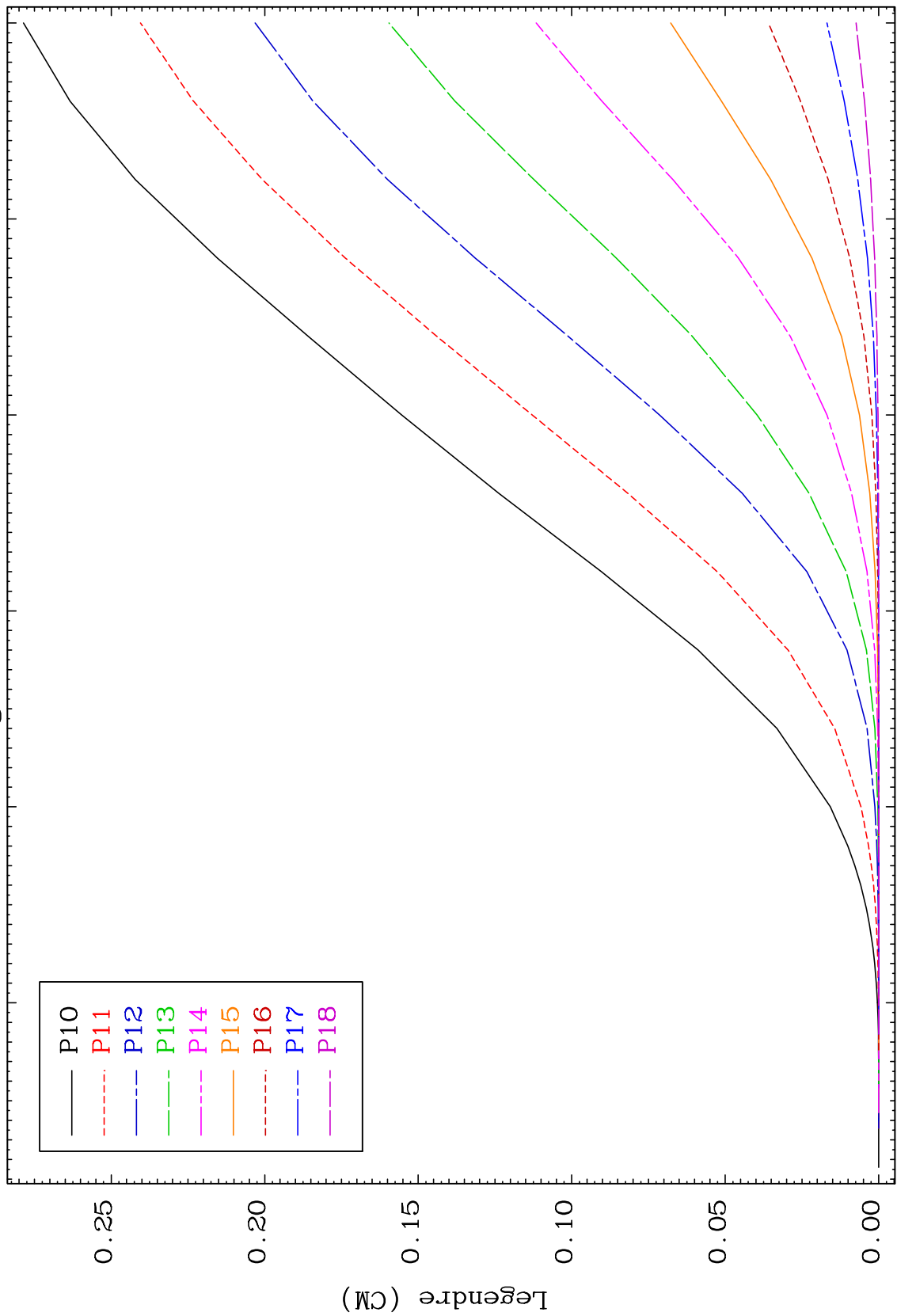
Incident Energy (MeV)

39-Y -99

MAT 3955

Elastic Legendre Coefficients

39-Y -99



18

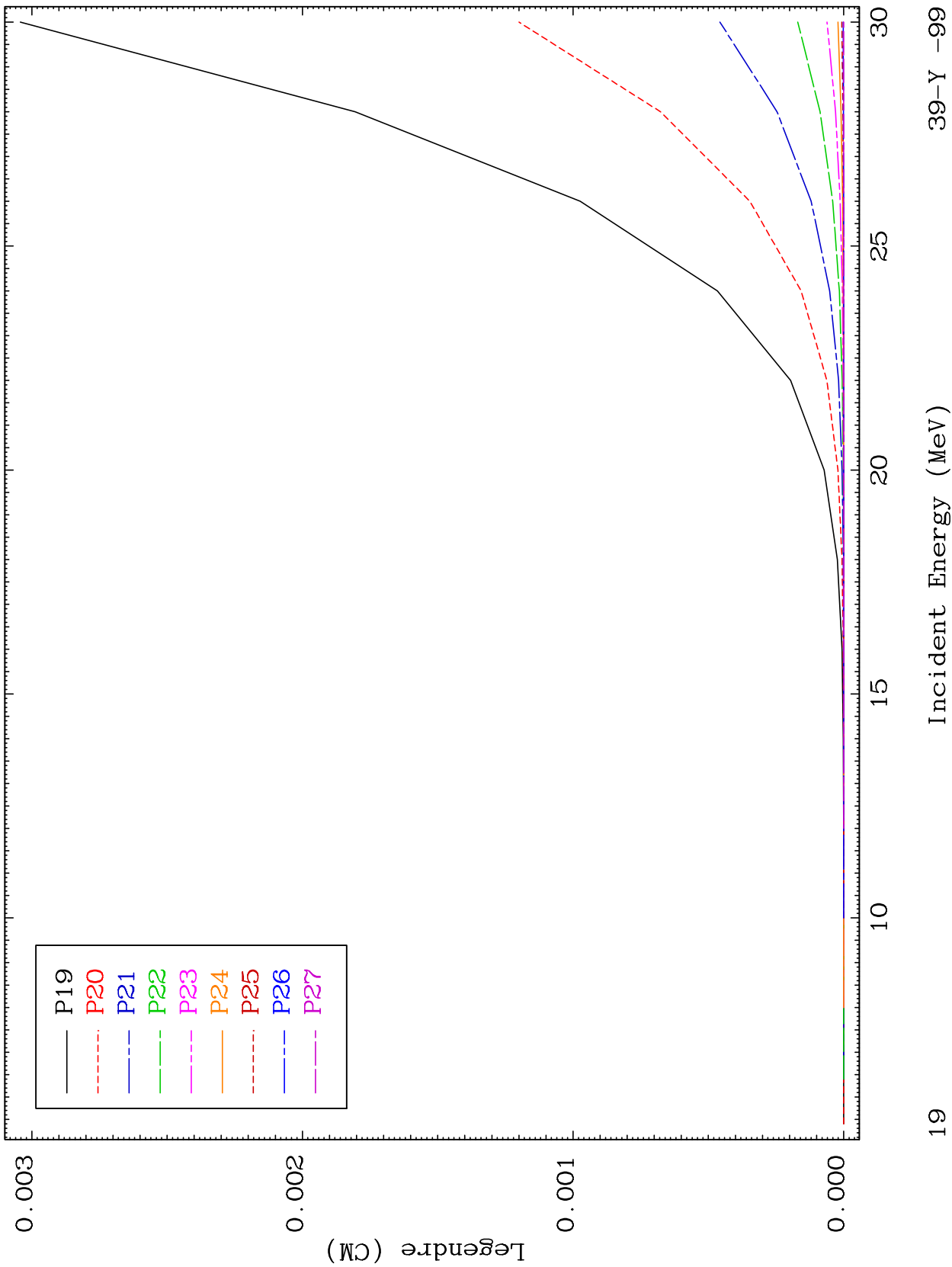
Incident Energy (MeV)

39-Y -99

MAT 3955

### Elastic Legendre Coefficients

39-Y -99



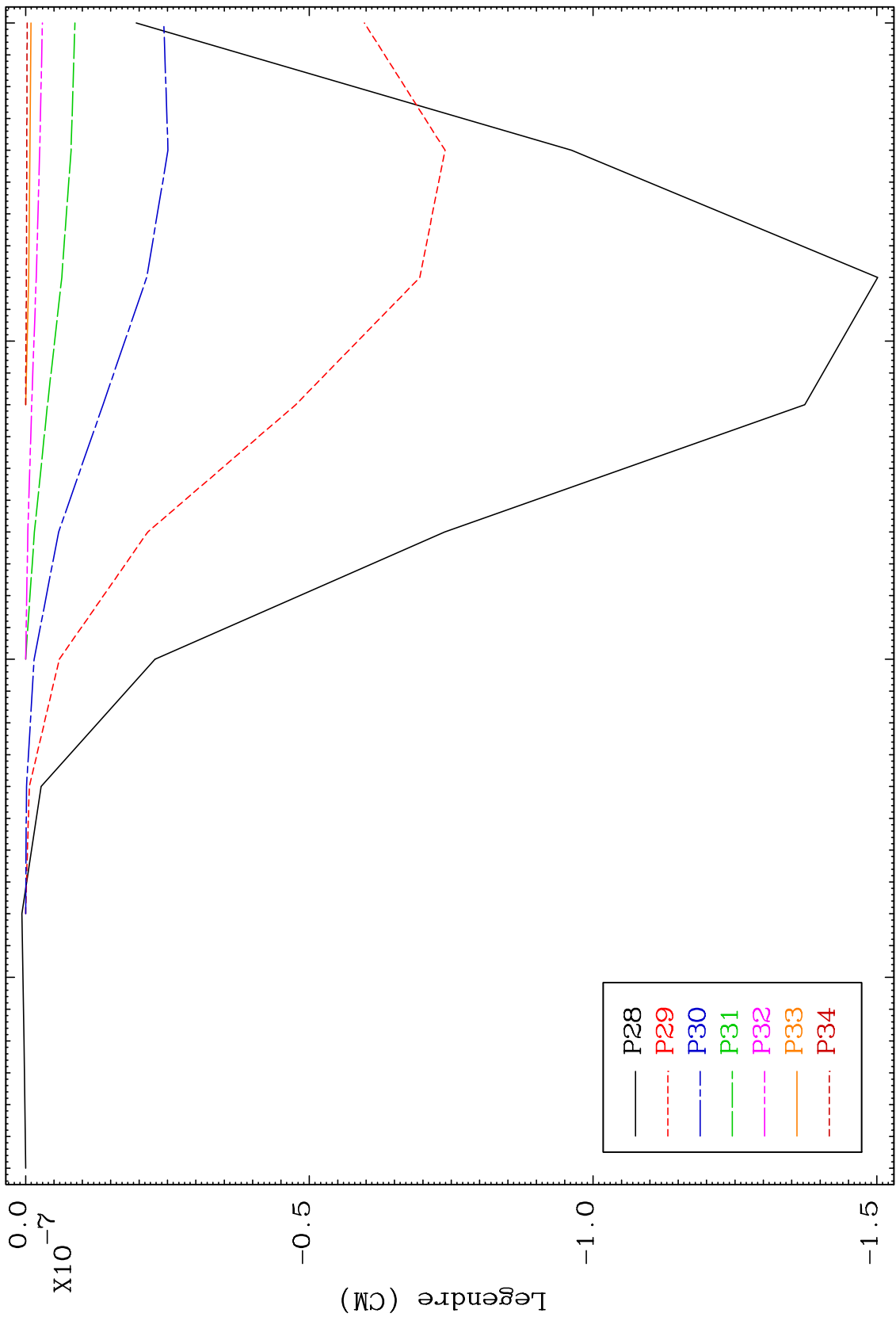
19

39-Y -99

MAT 3955

39-Y -99

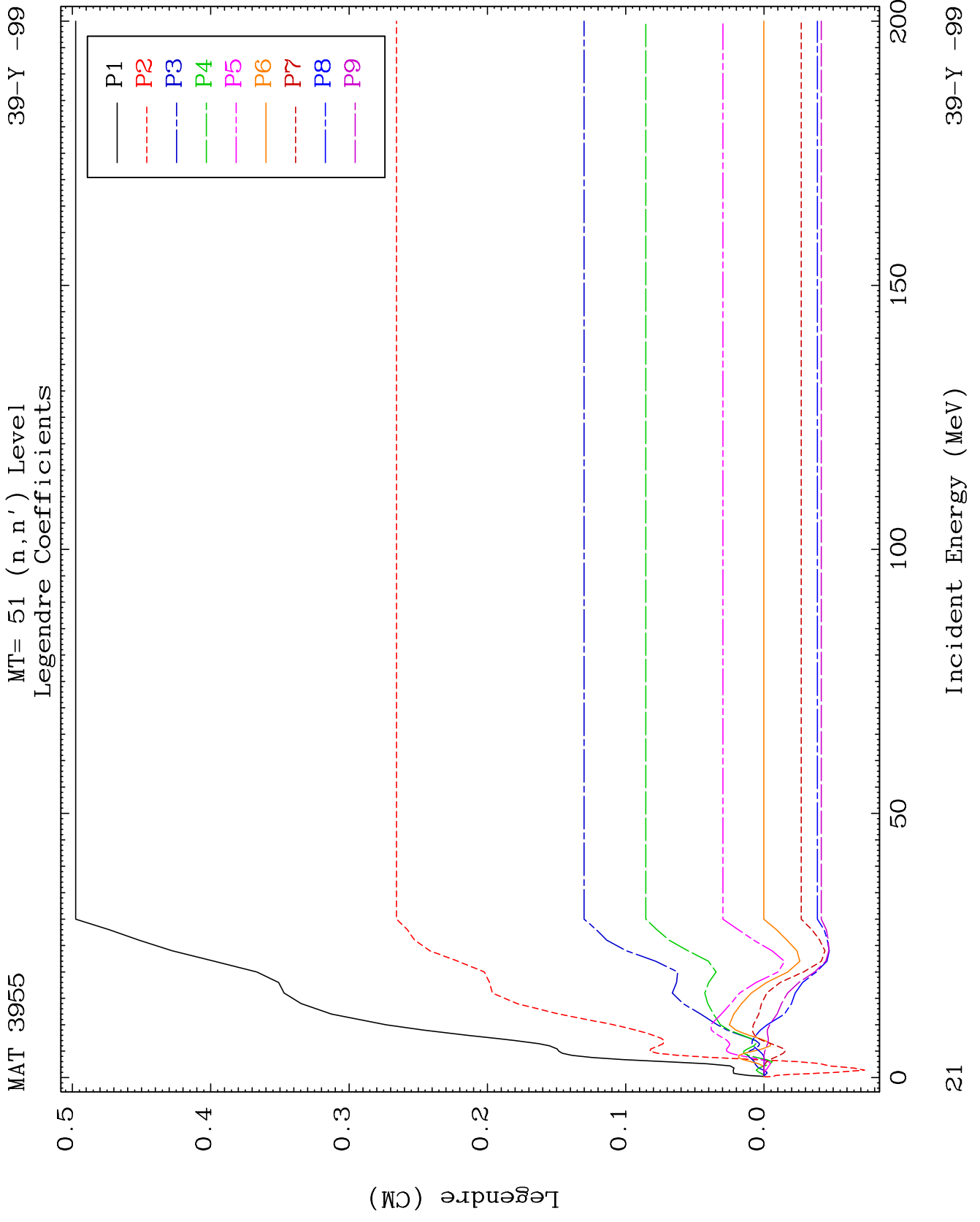
Elastic Legendre Coefficients



20

Incident Energy (MeV)

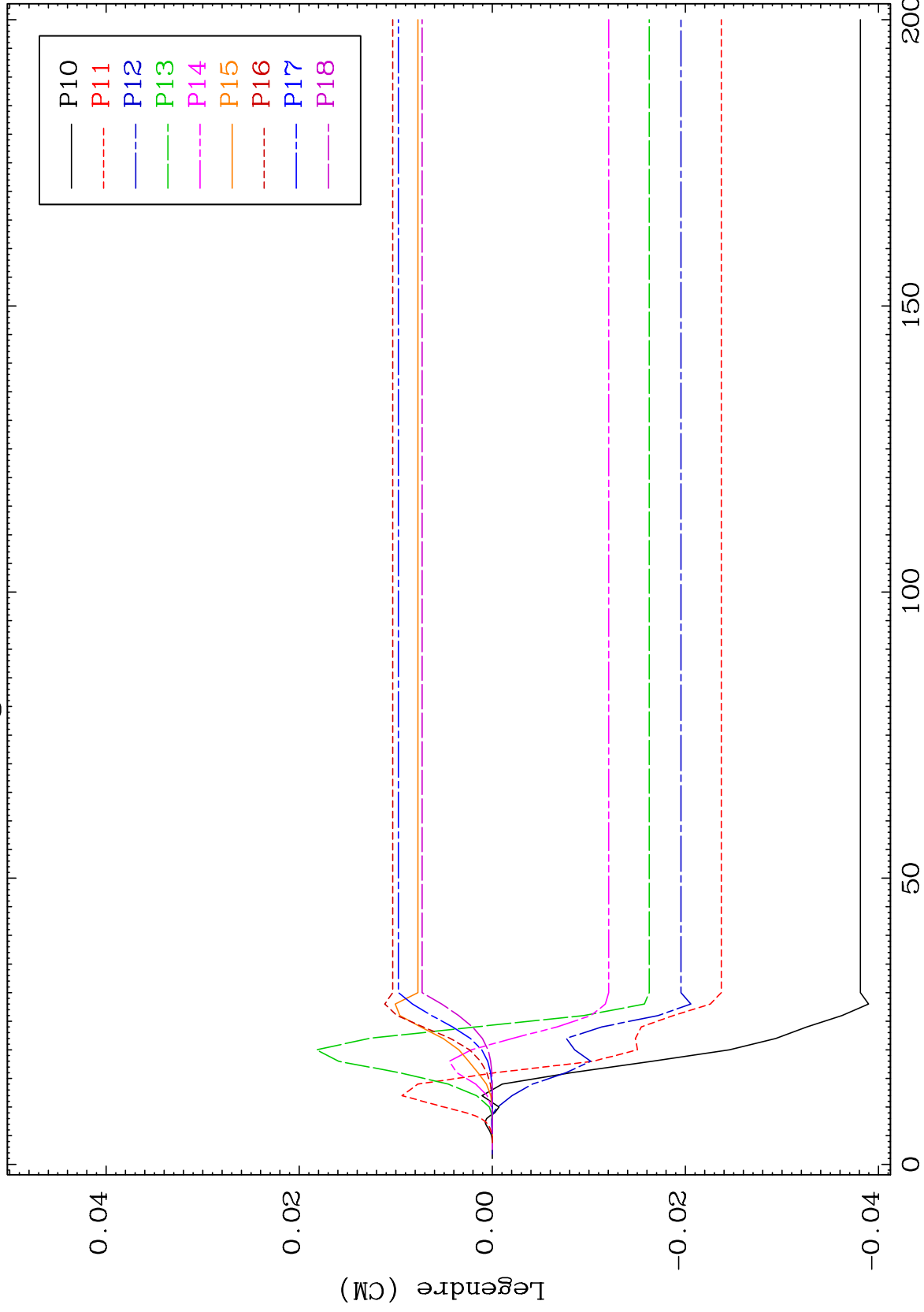
39-Y -99



MAT 3955

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

39-Y -99



22

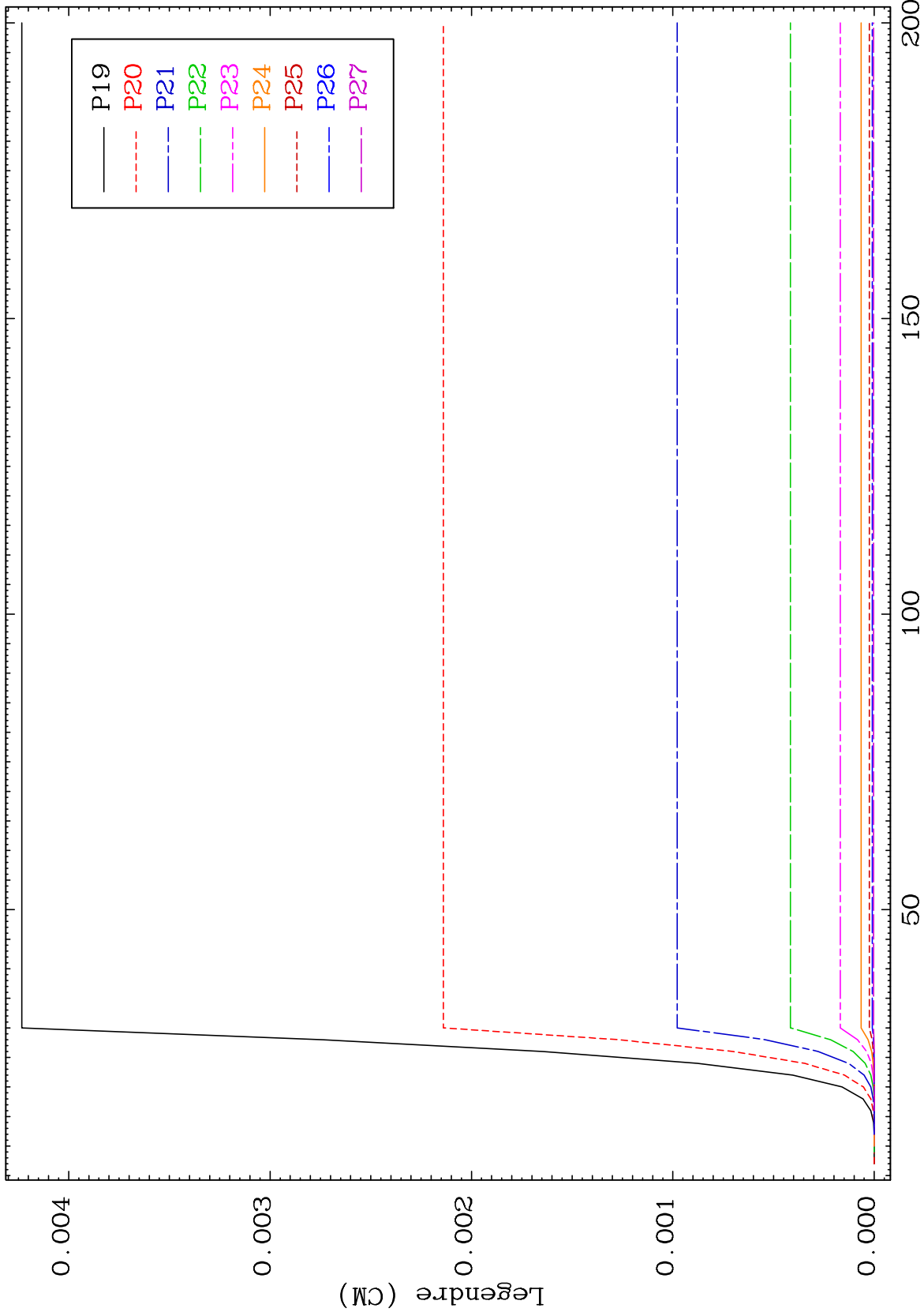
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



23

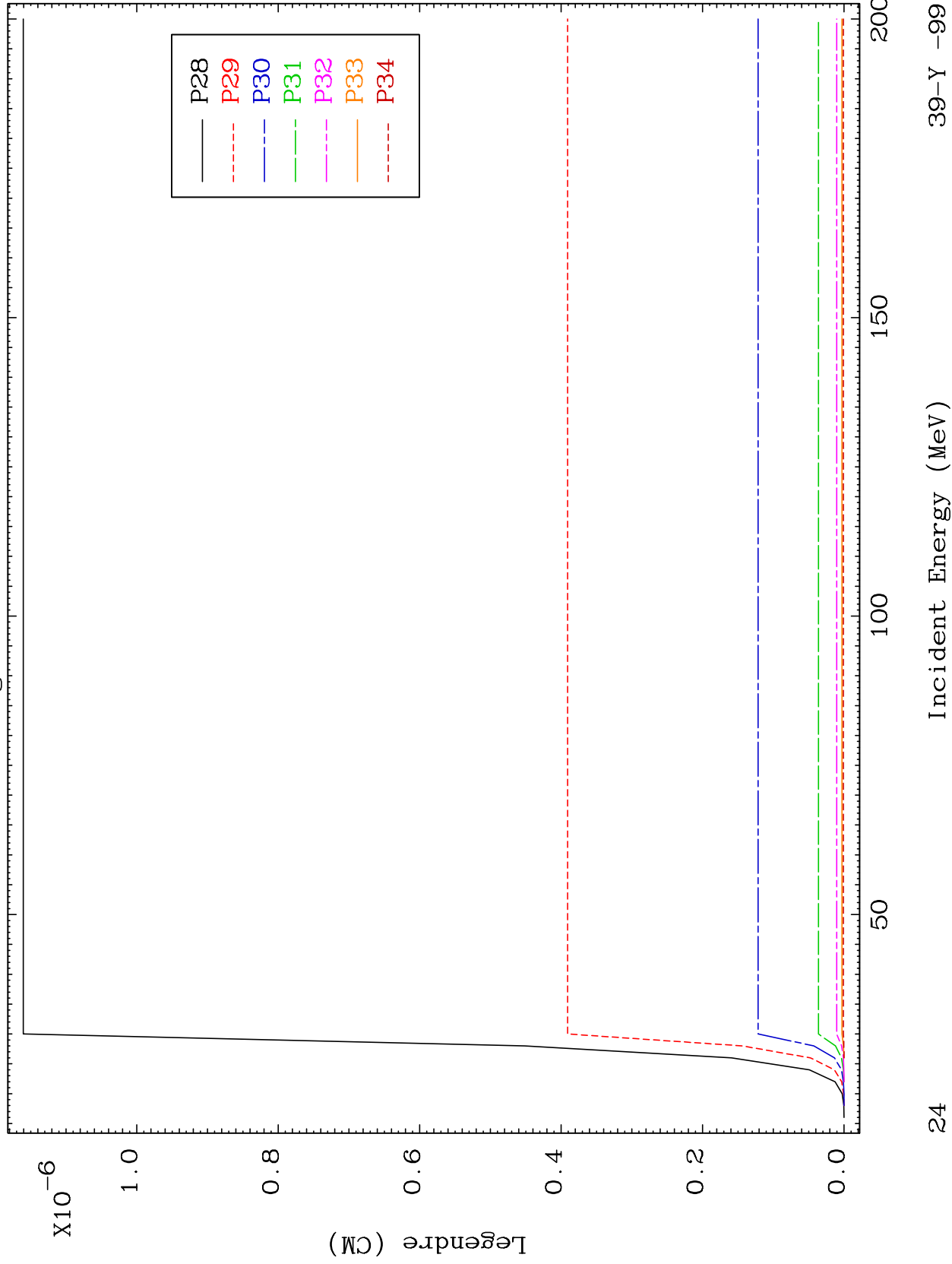
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99

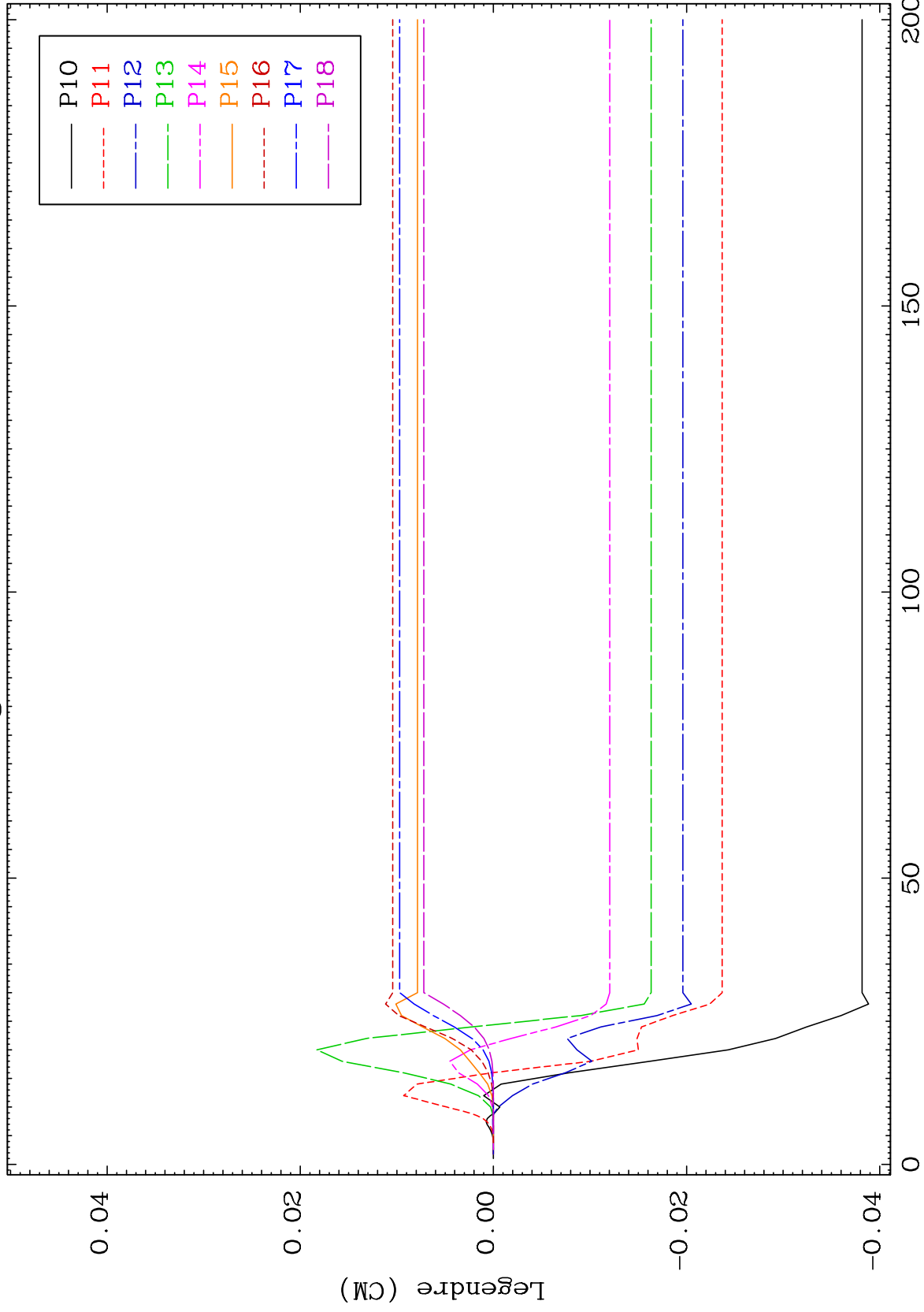




MAT 3955

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

39-Y -99



26

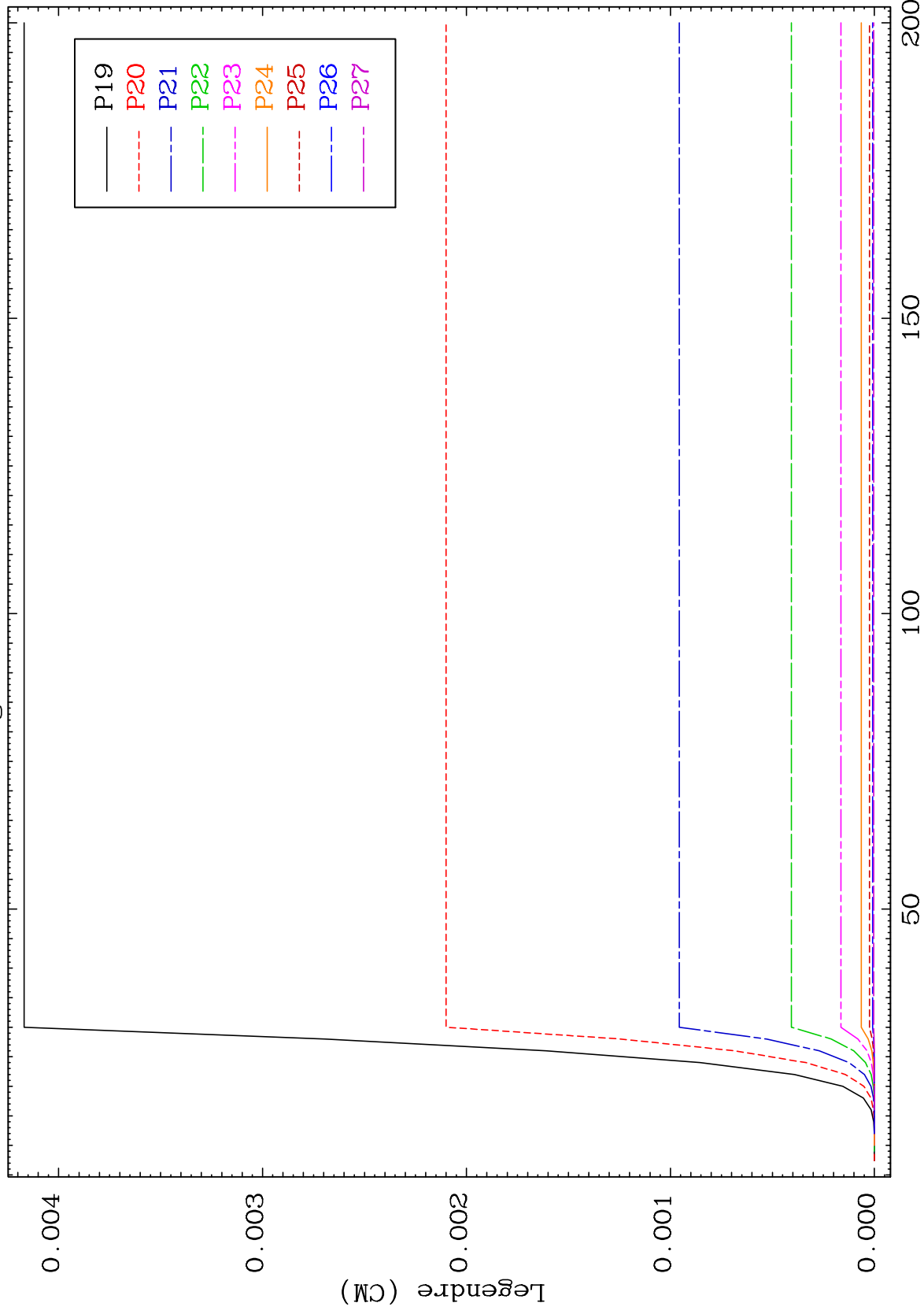
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



27

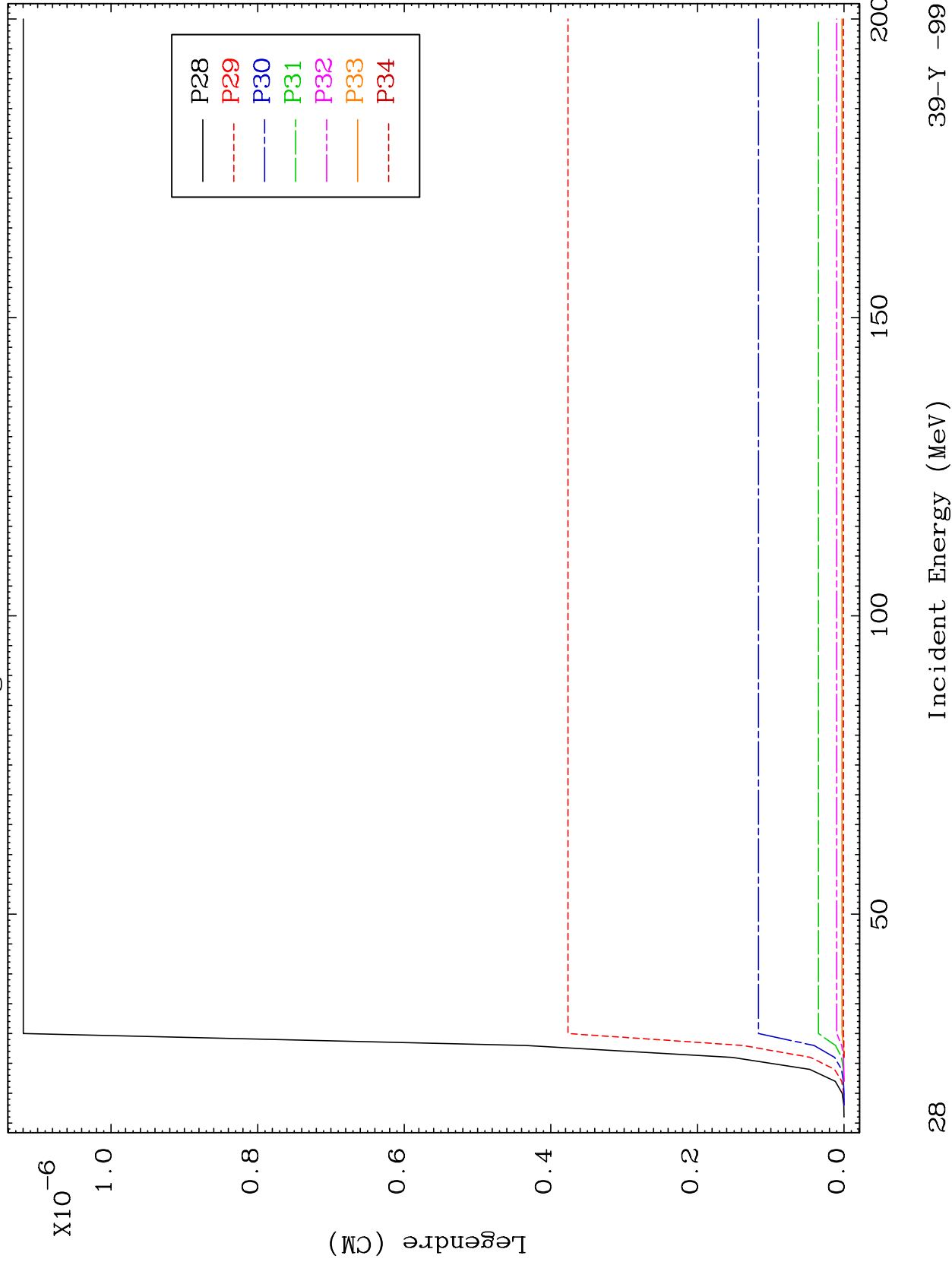
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



28

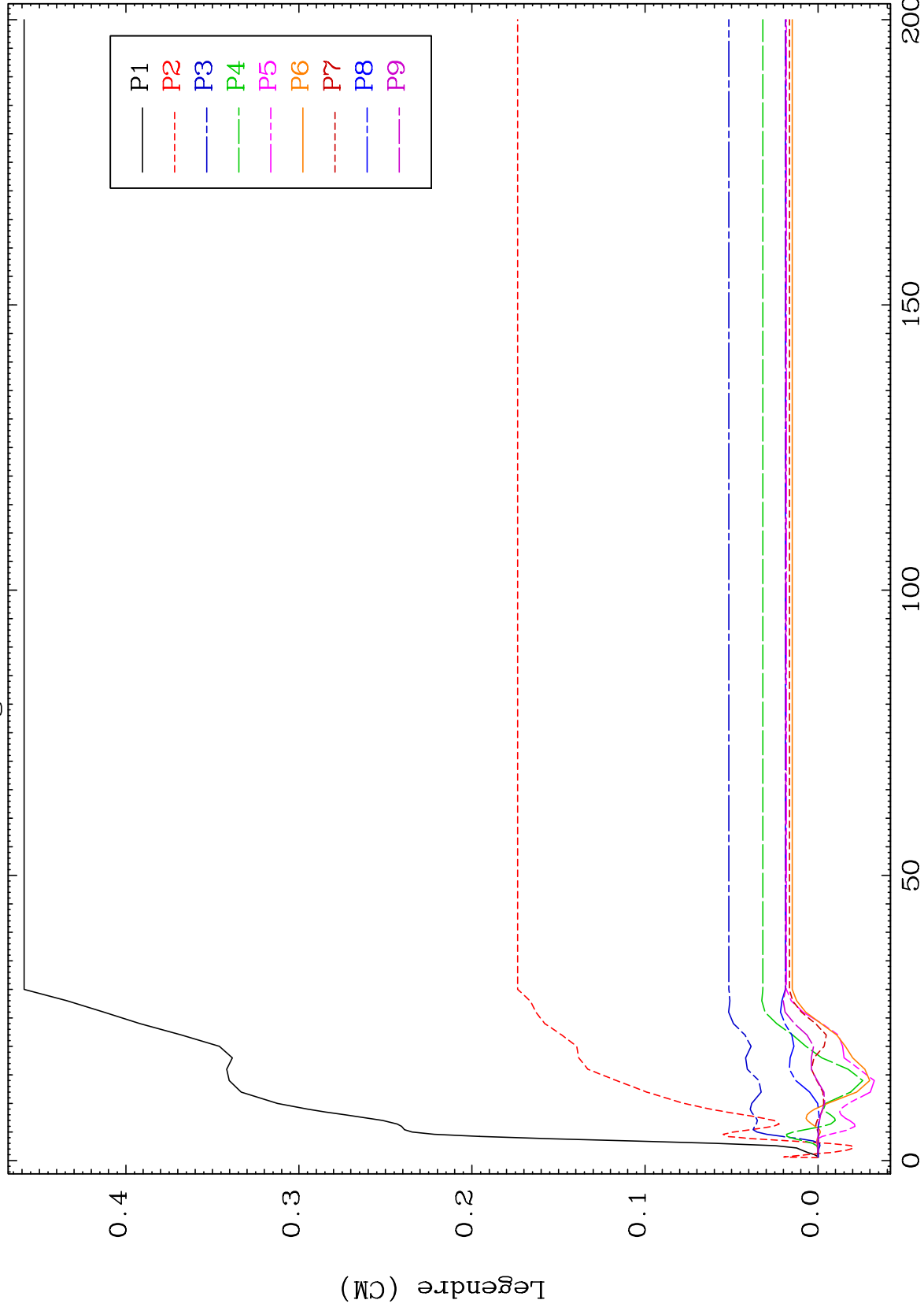
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99

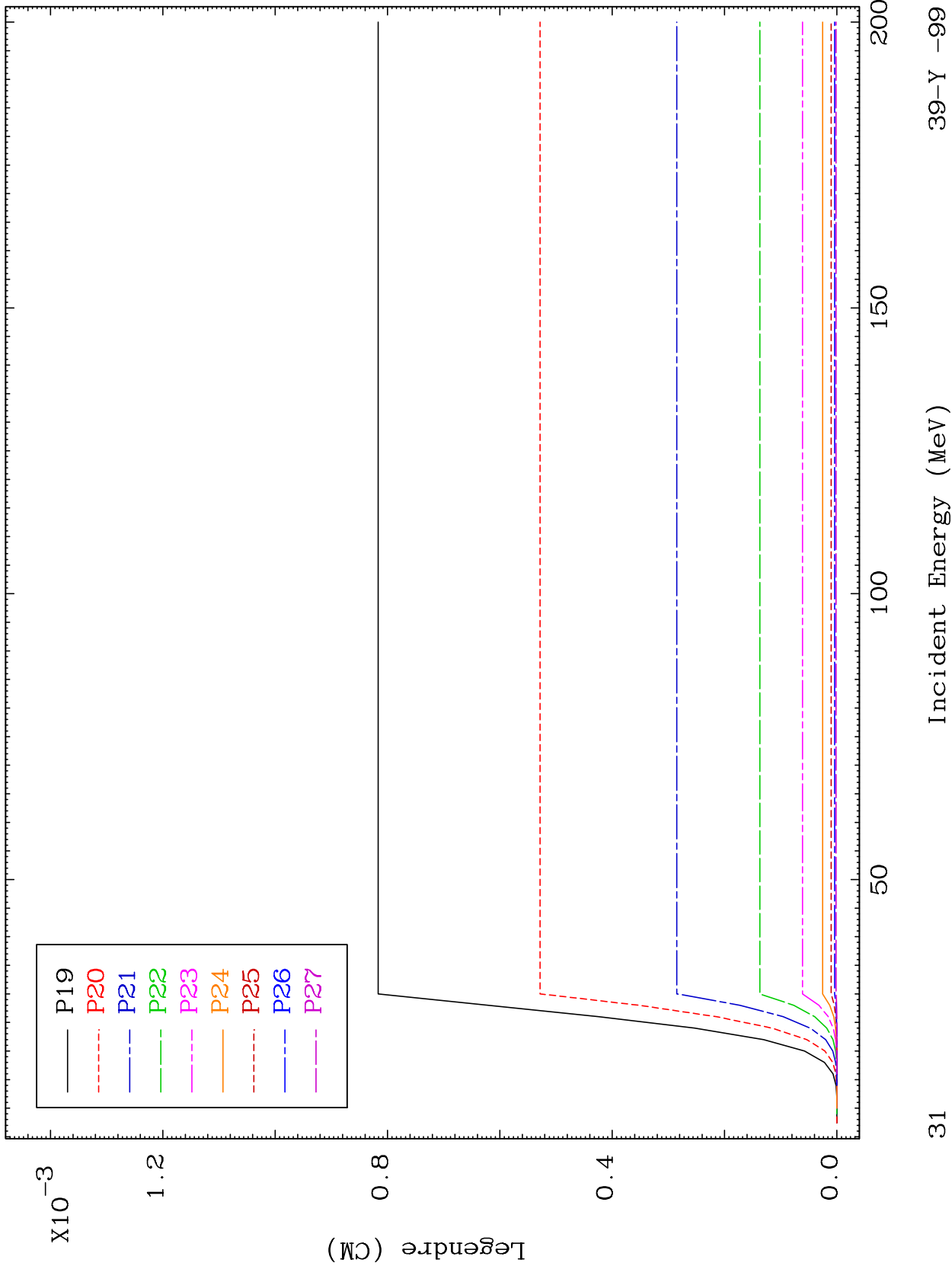


29

Incident Energy (MeV)

39-Y -99

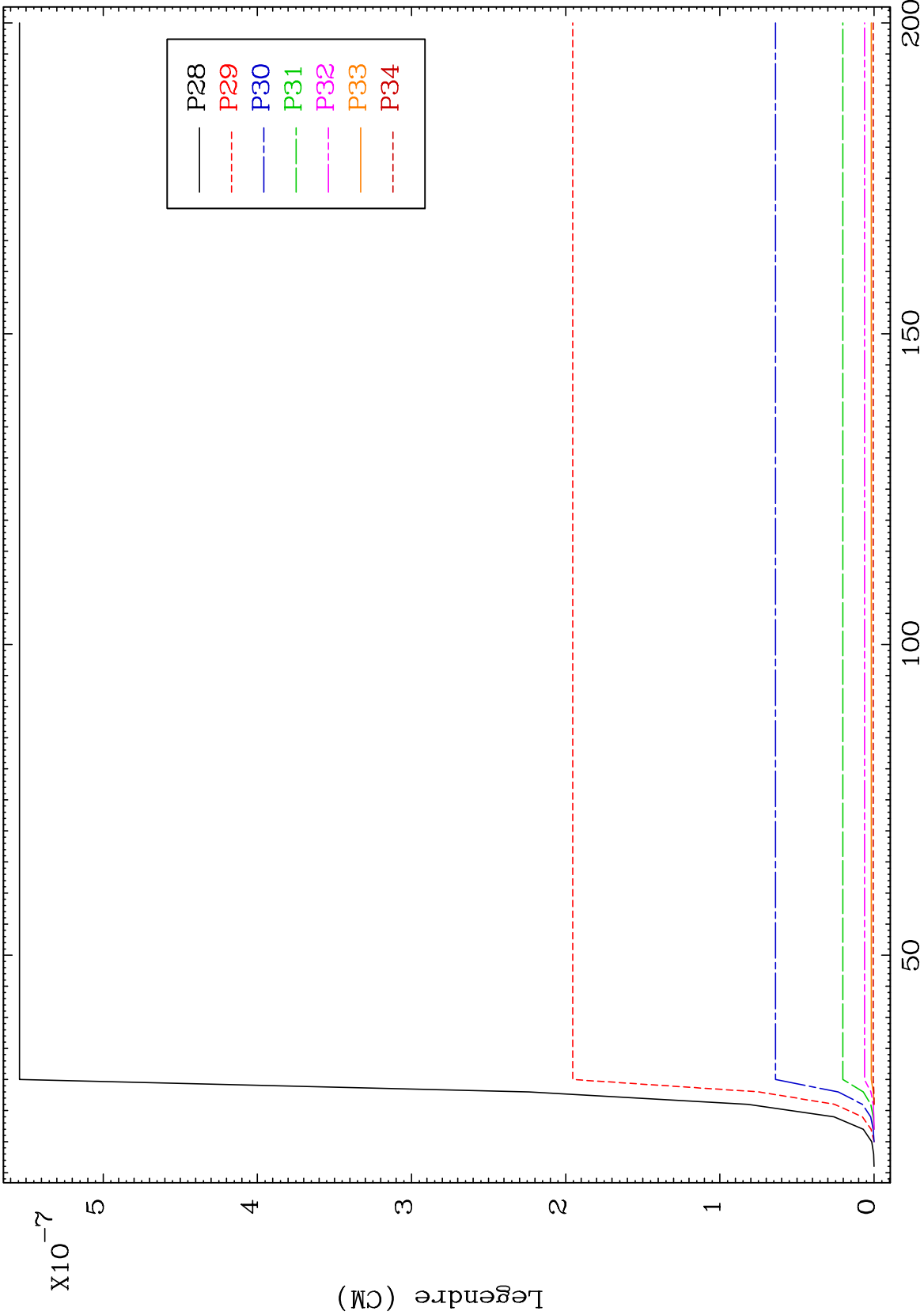




MAT 3955

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

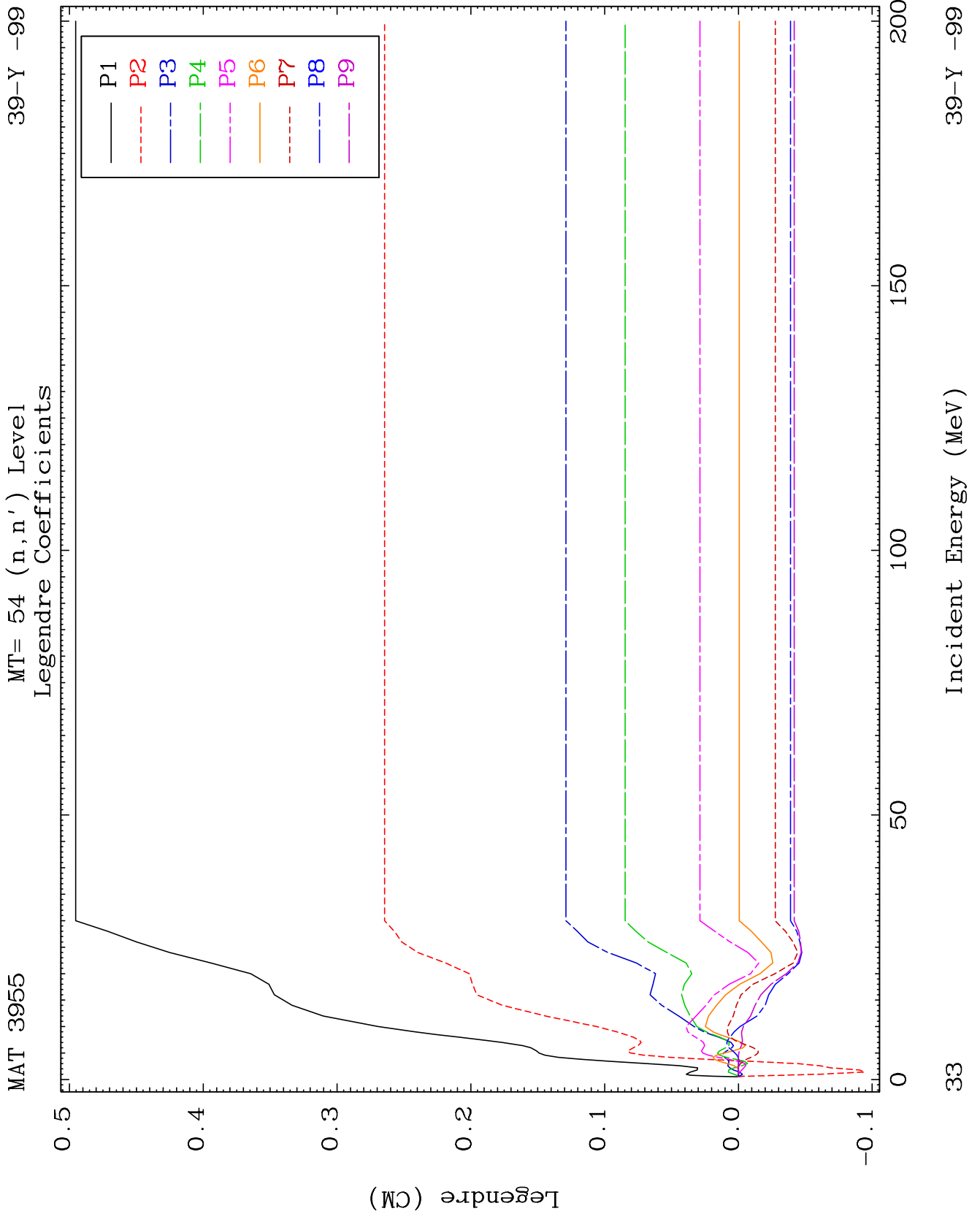
39-Y -99



32

Incident Energy (MeV)

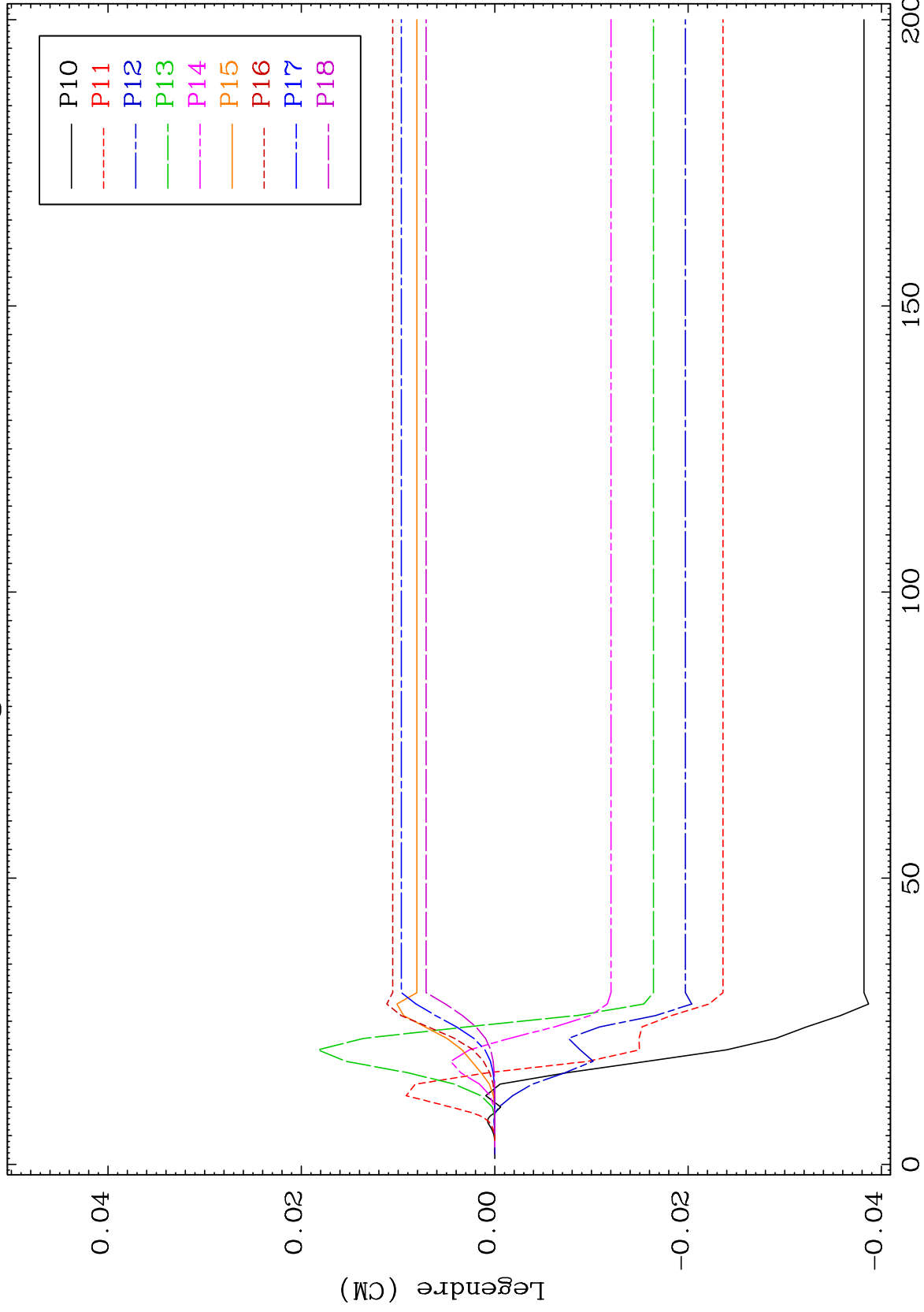
39-Y -99



MAT 3955

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

39-Y -99



34

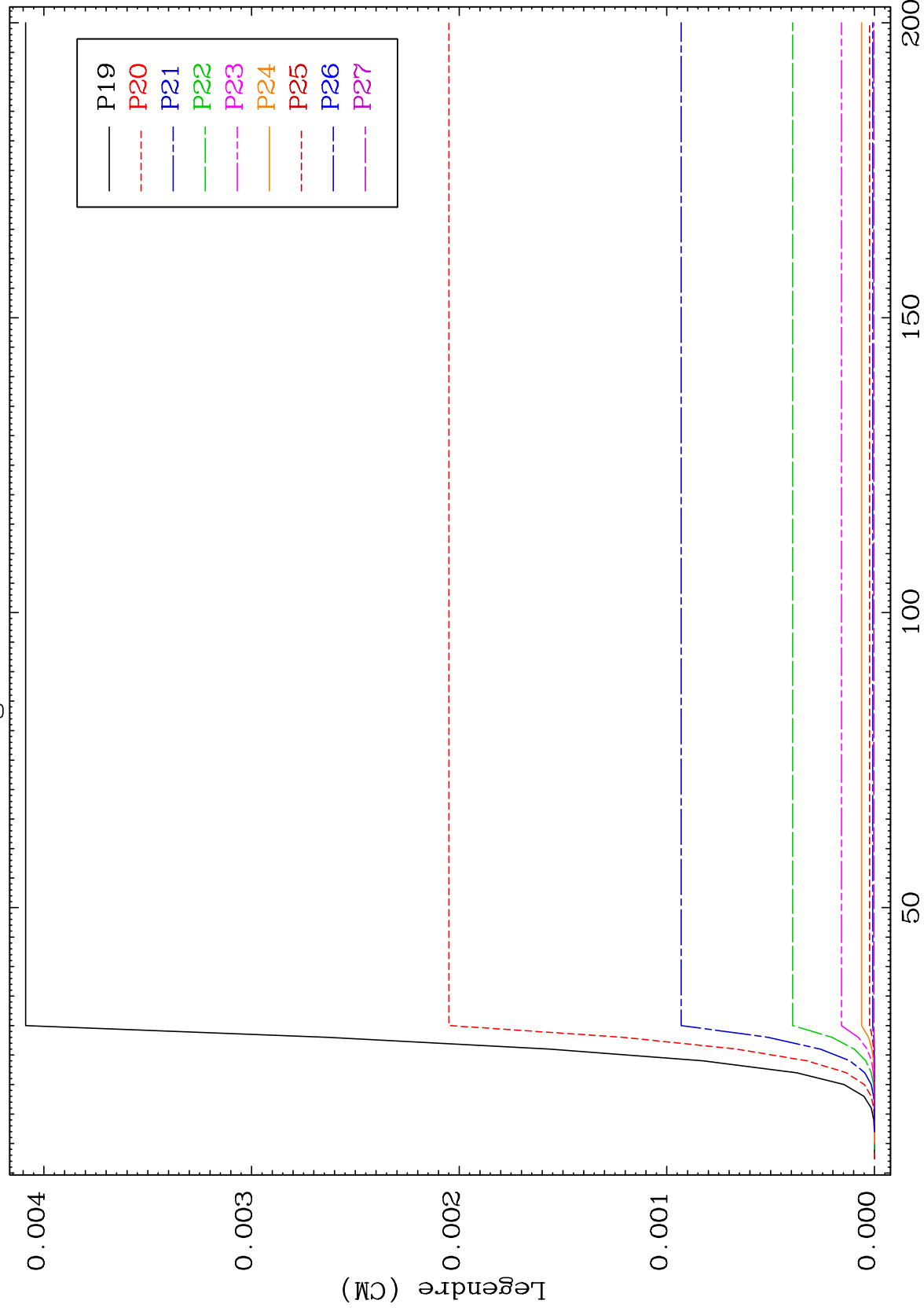
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



35

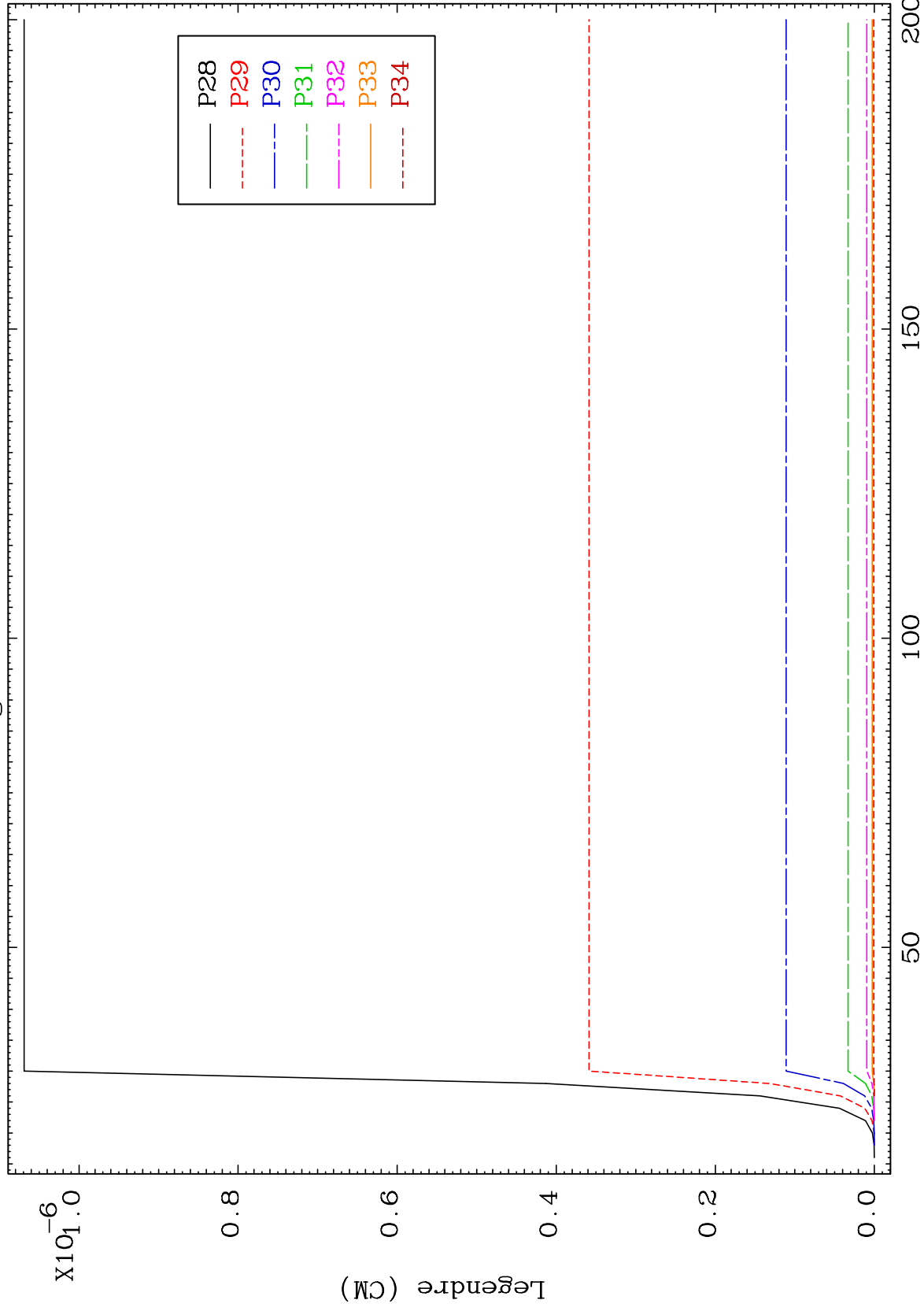
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



36

Incident Energy (MeV)

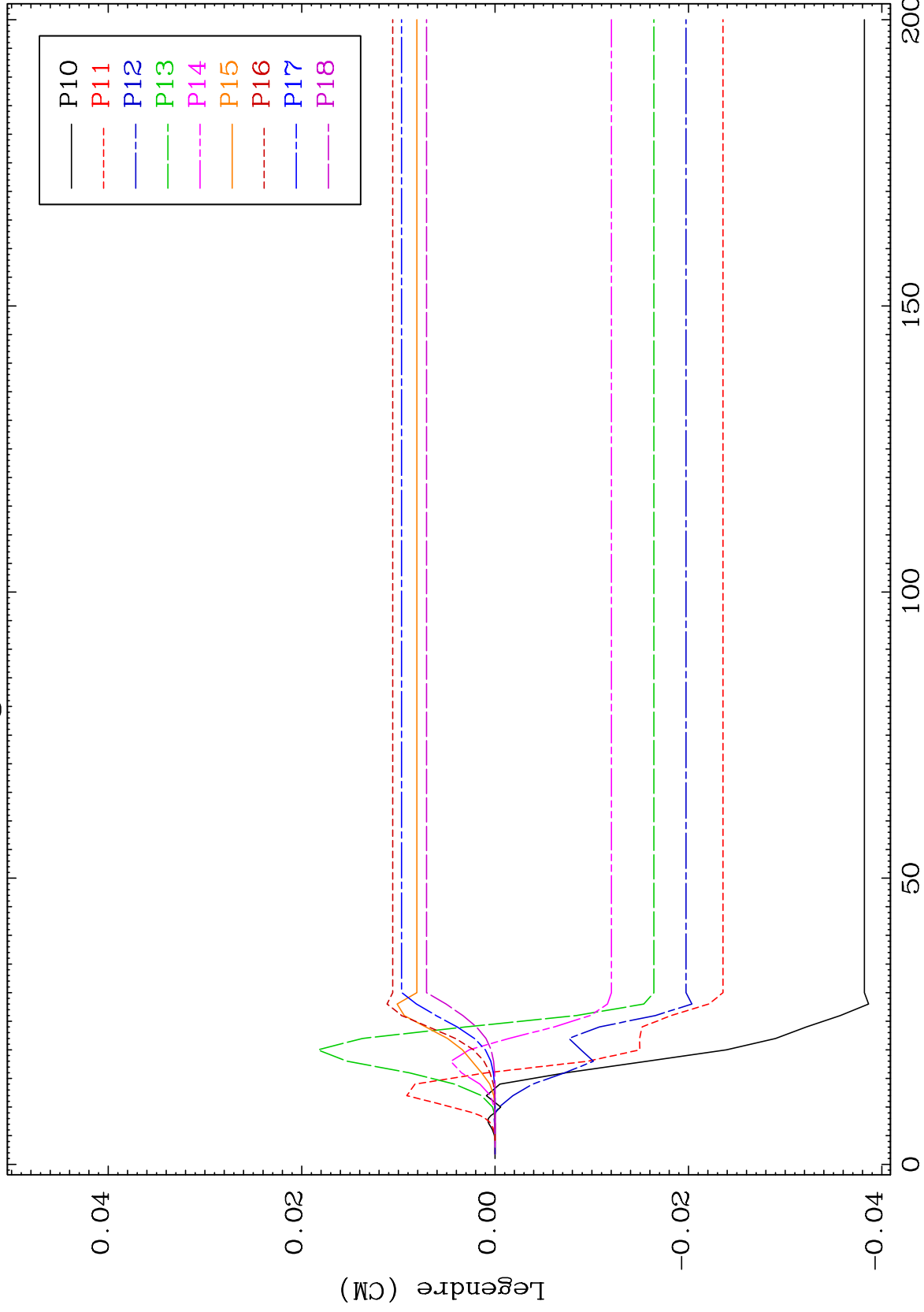
39-Y -99



MAT 3955

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

39-Y -99



38

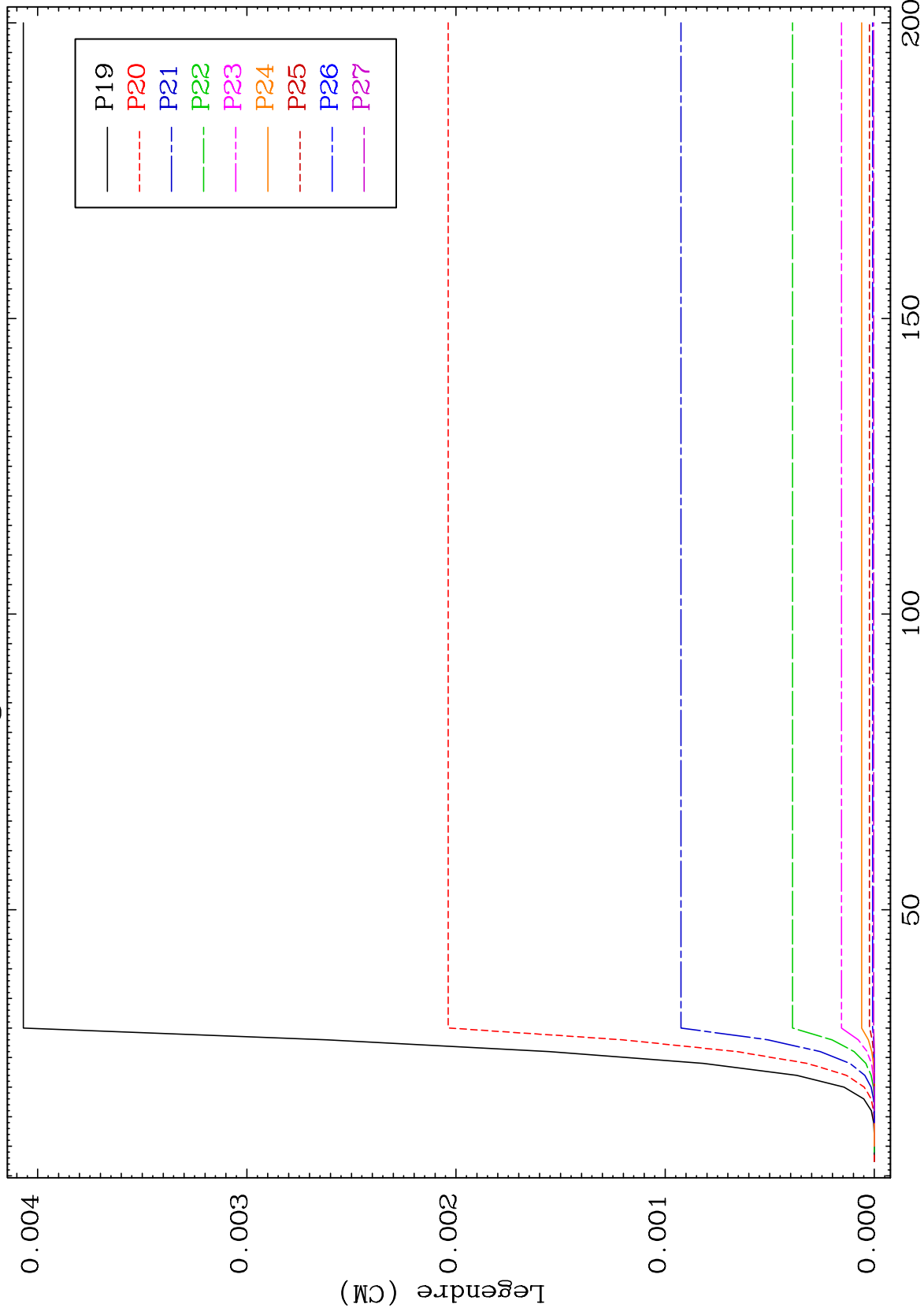
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



39

Incident Energy (MeV)

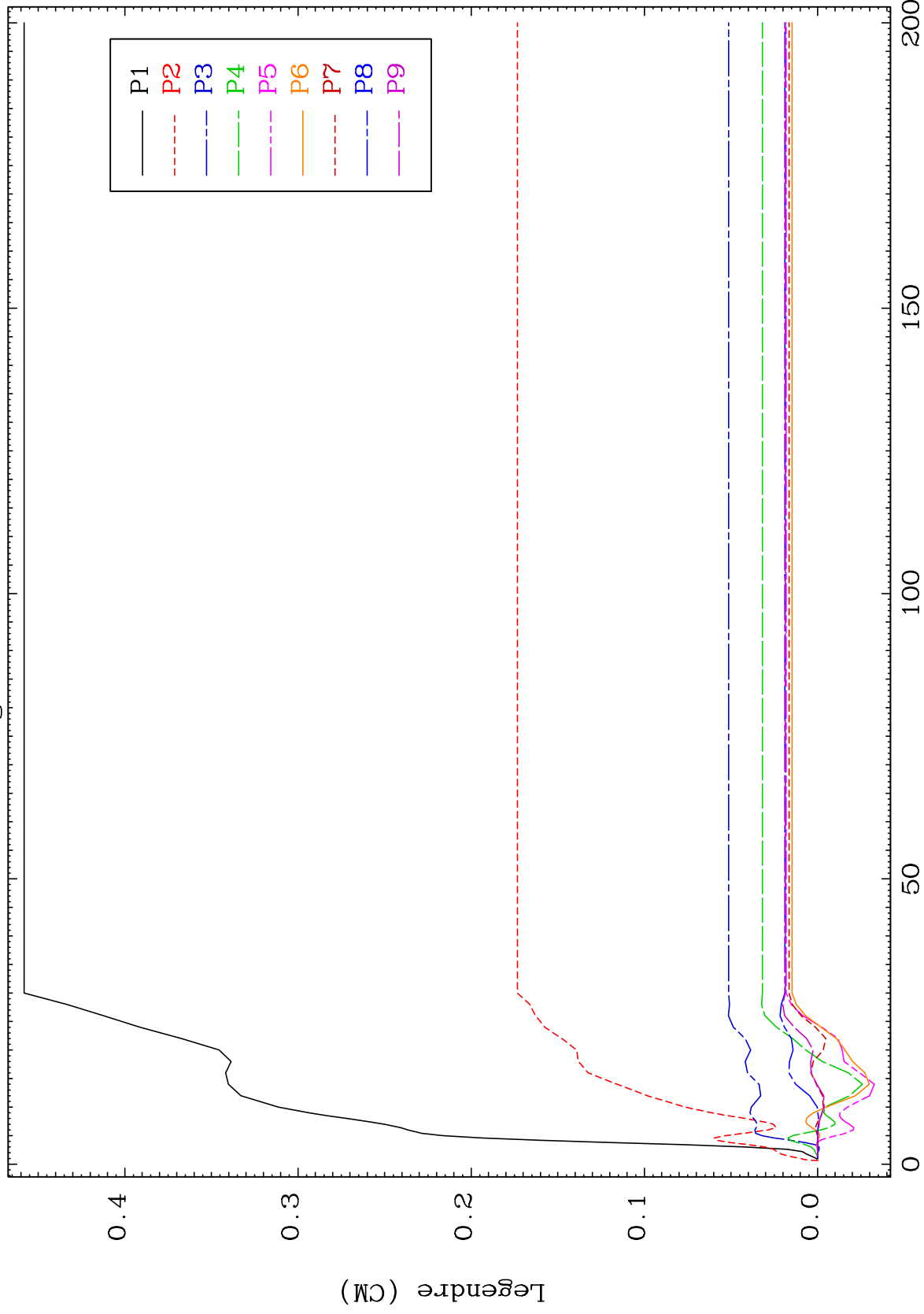
39-Y -99



MAT 3955

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

39-Y -99



41

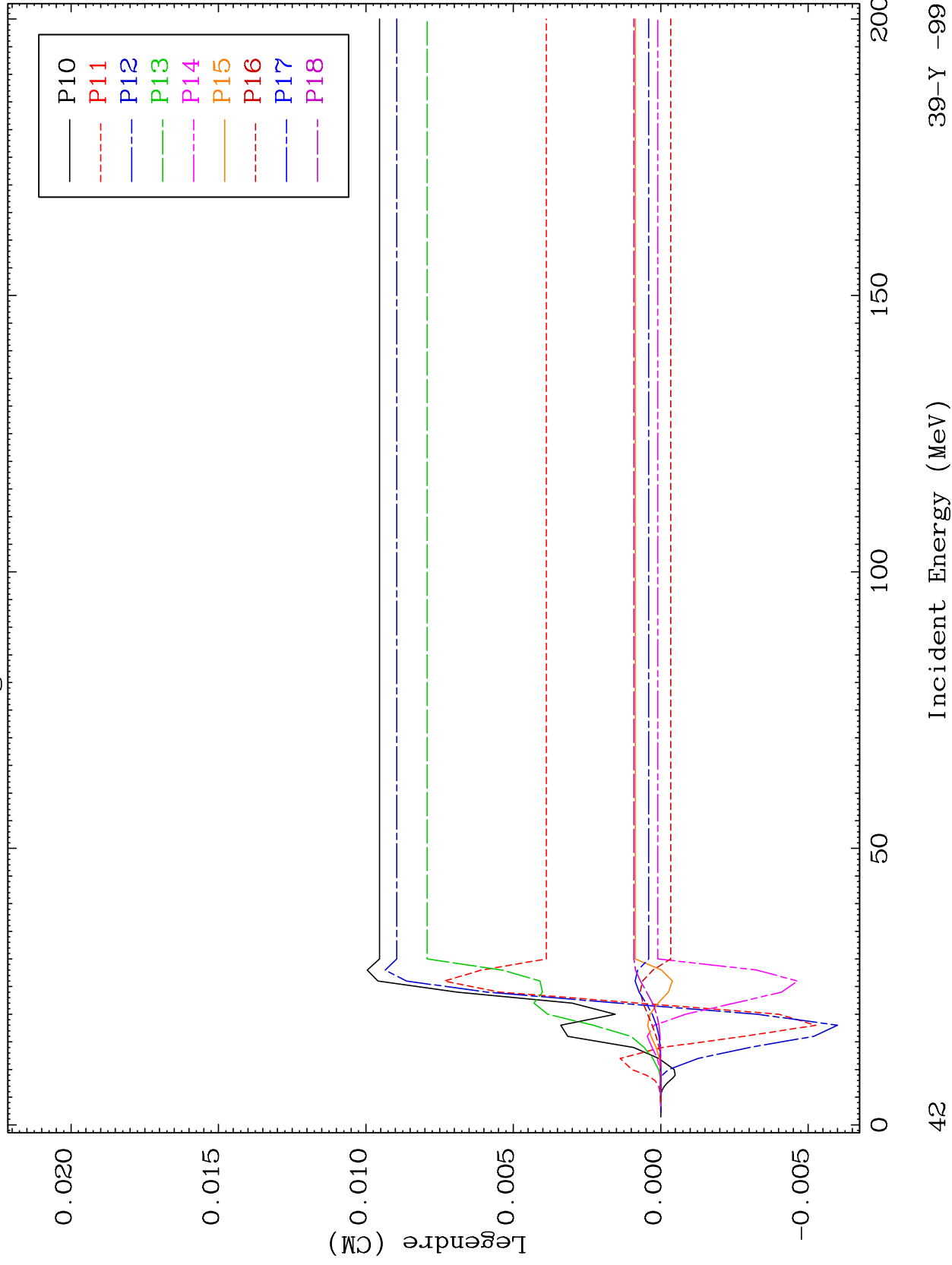
Incident Energy (MeV)

39-Y -99

MAT 3955

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

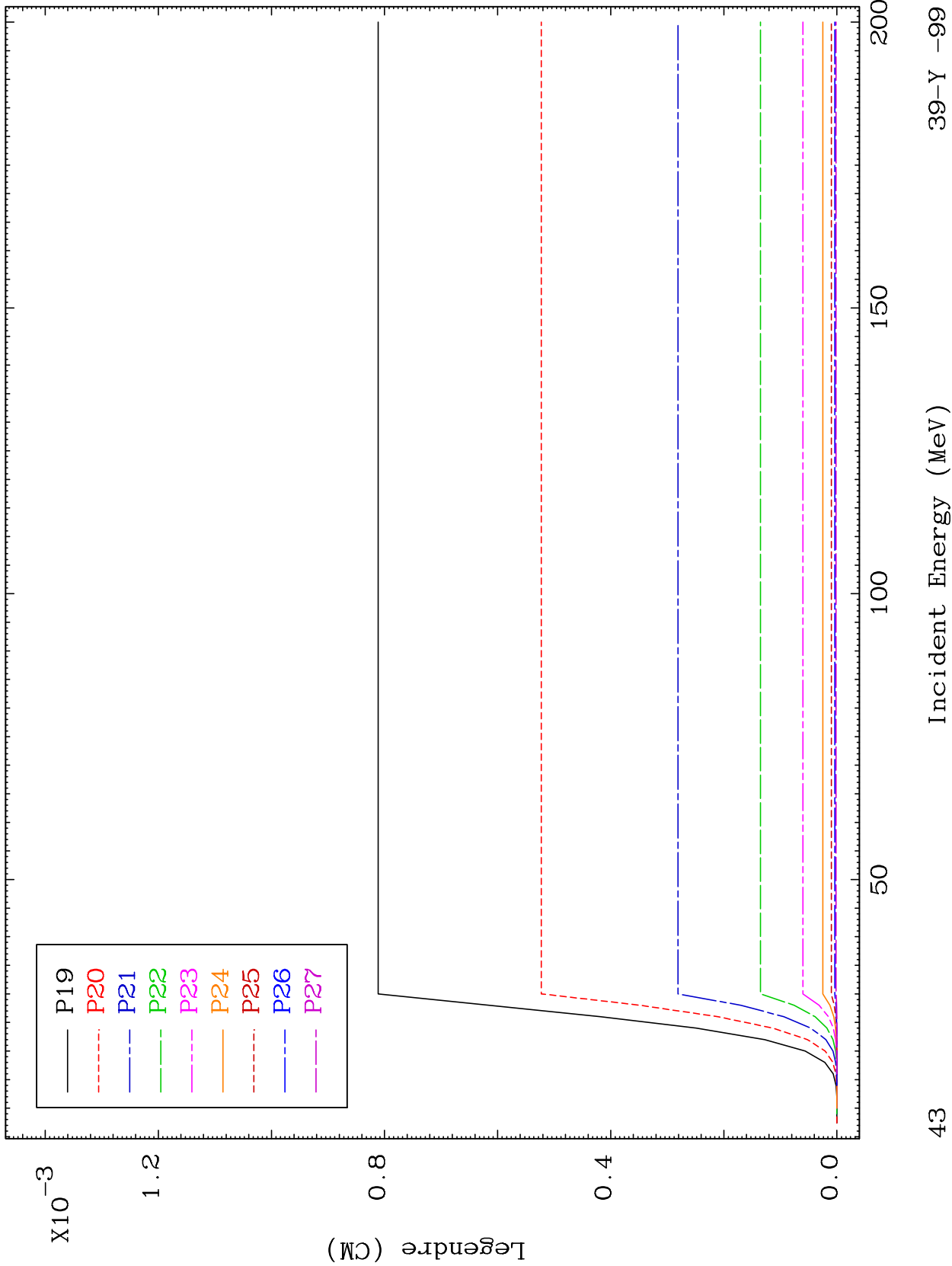
39-Y -99



42

Incident Energy (MeV)

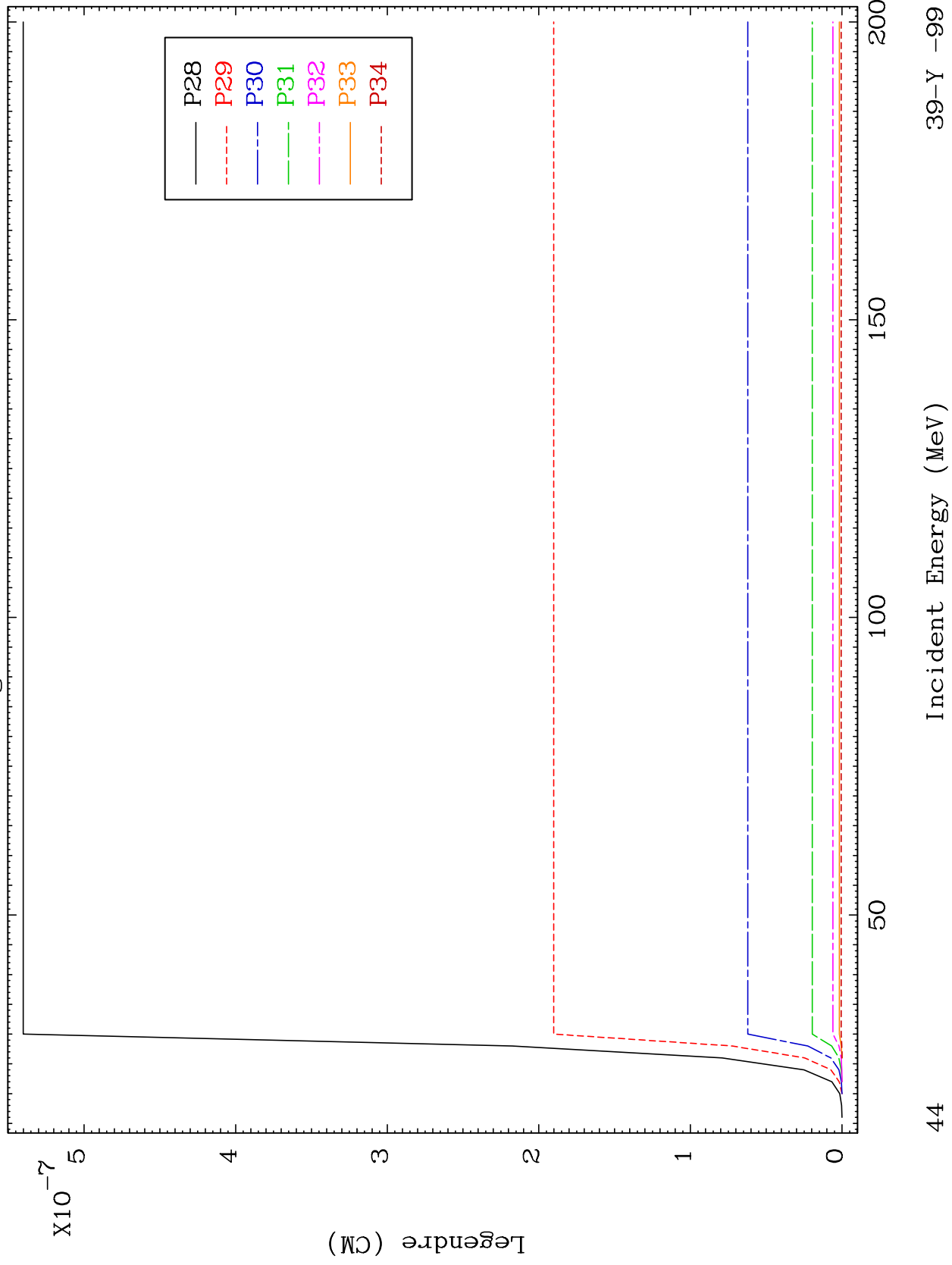
39-Y -99



MAT 3955

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

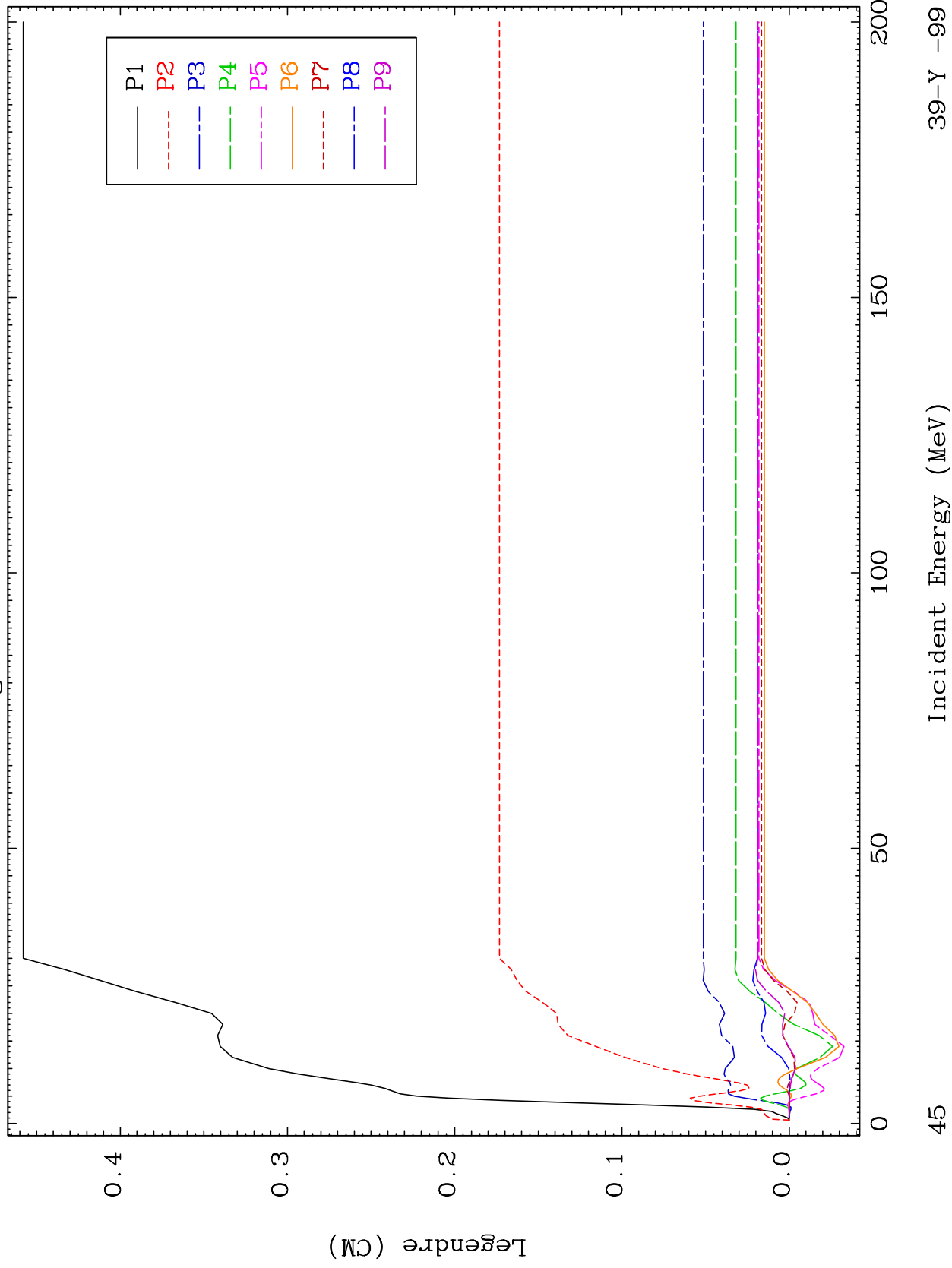
39-Y -99



MAT 3955

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

39-Y -99



39-Y -99

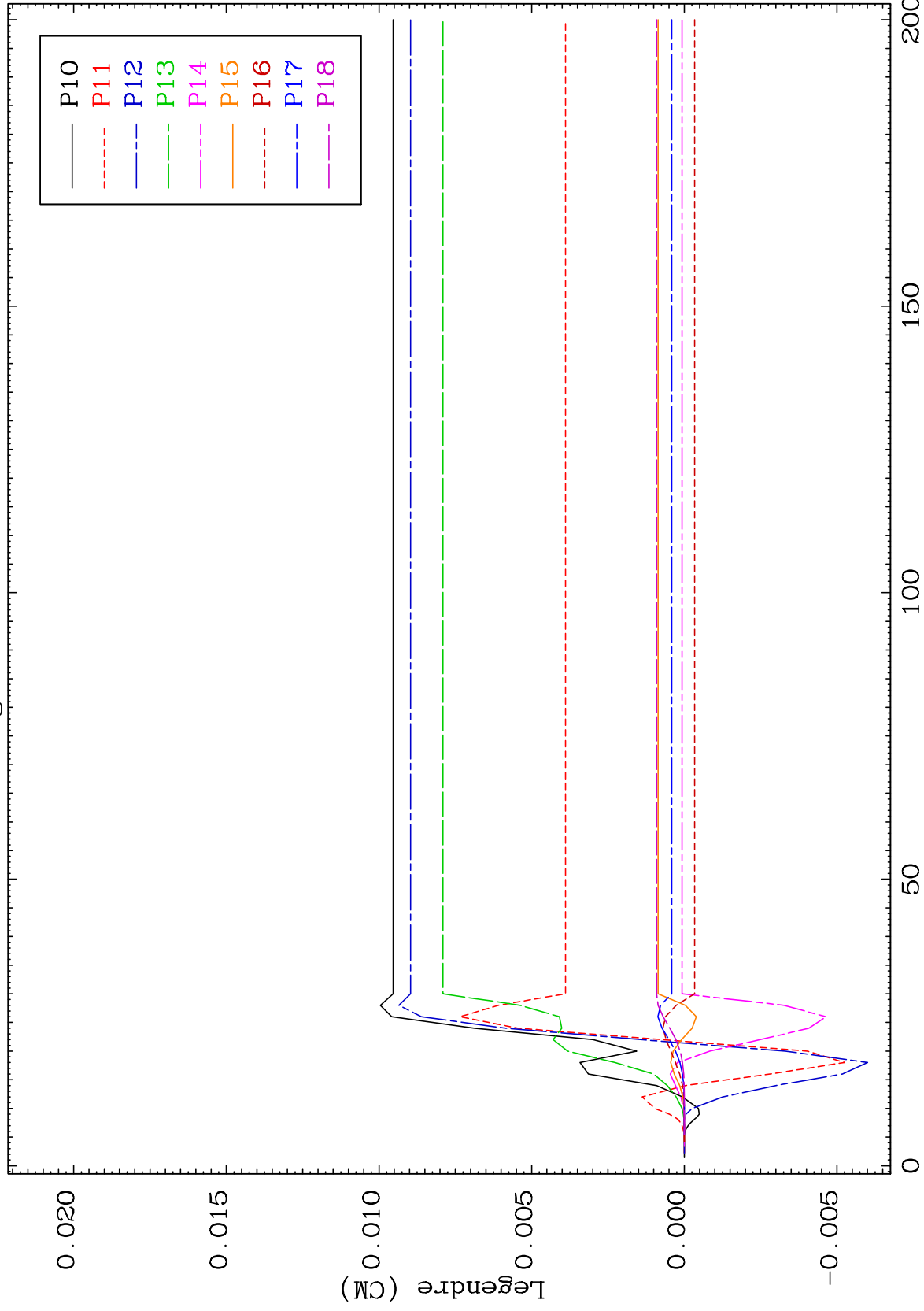
Incident Energy (MeV)

45

MAT 3955

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

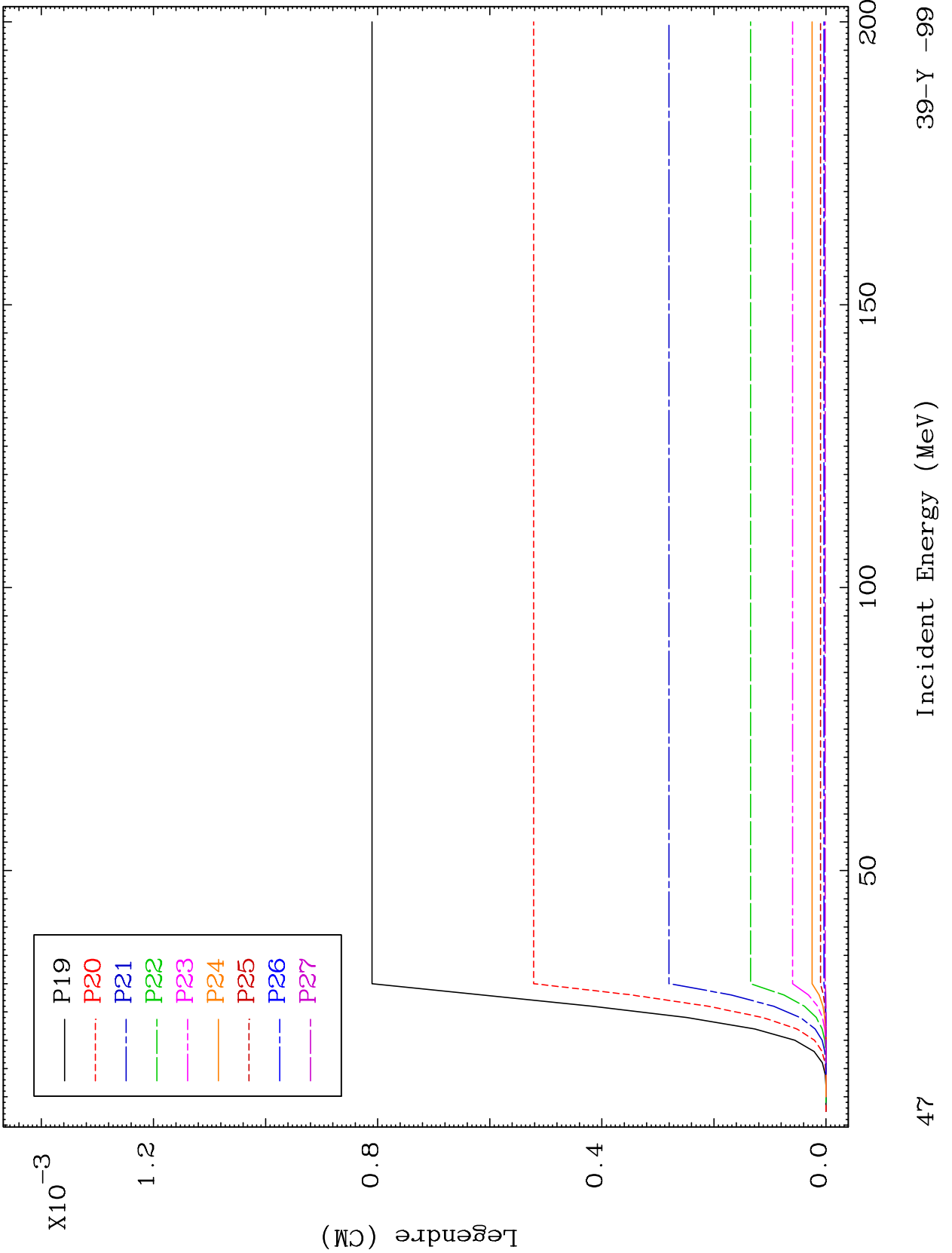
39-Y -99



46

Incident Energy (MeV)

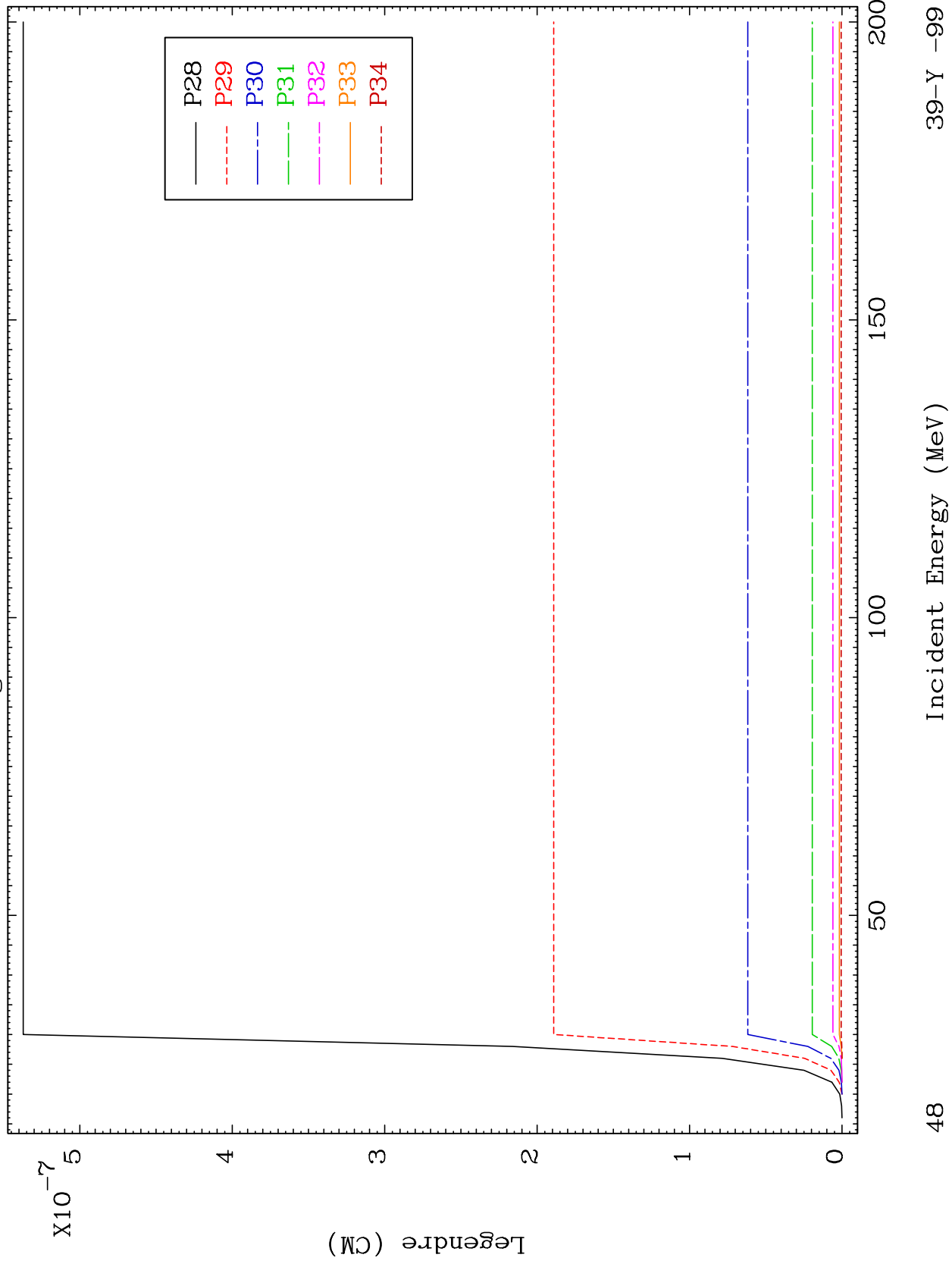
39-Y -99



MAT 3955

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

39-Y -99



48

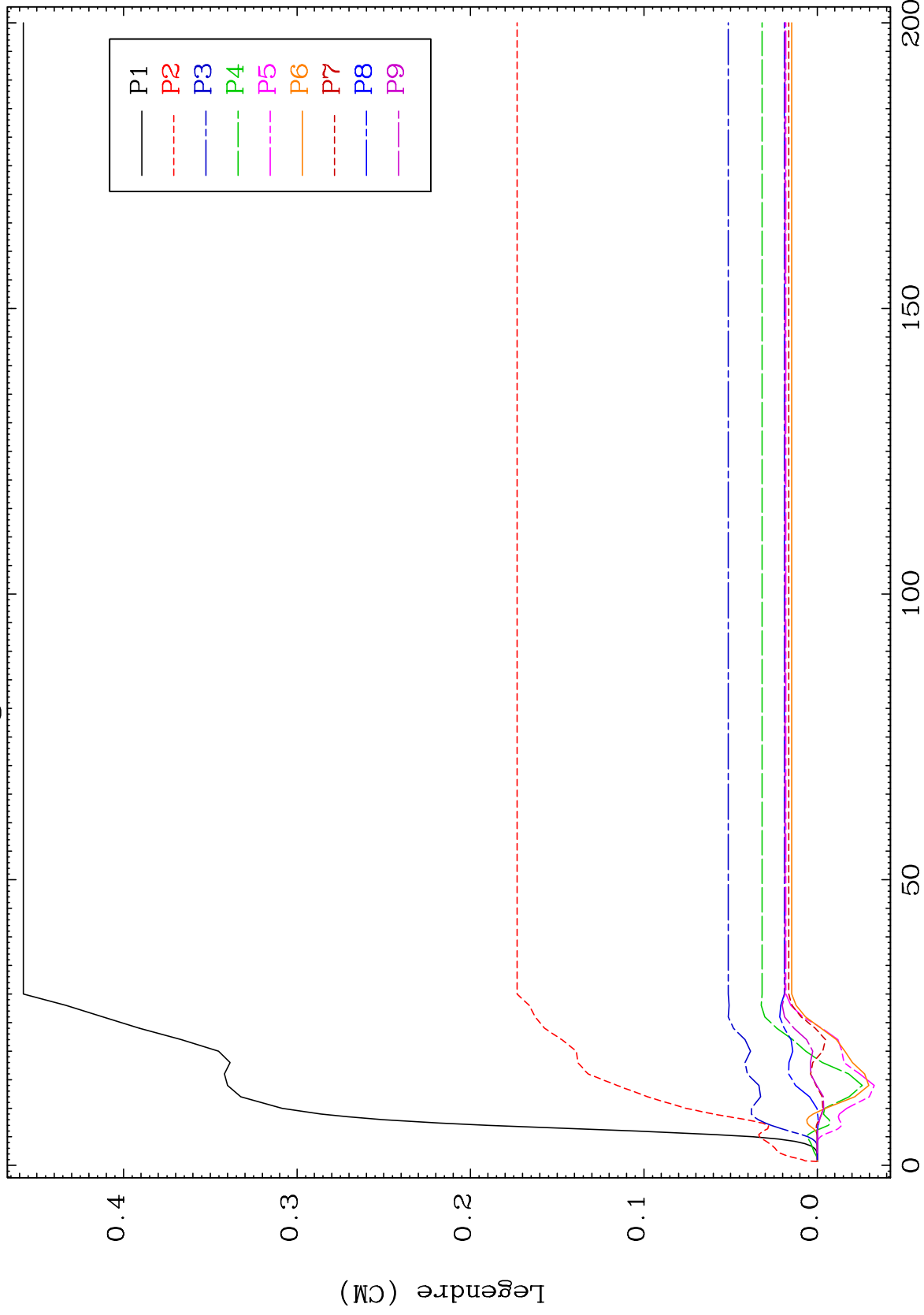
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



49

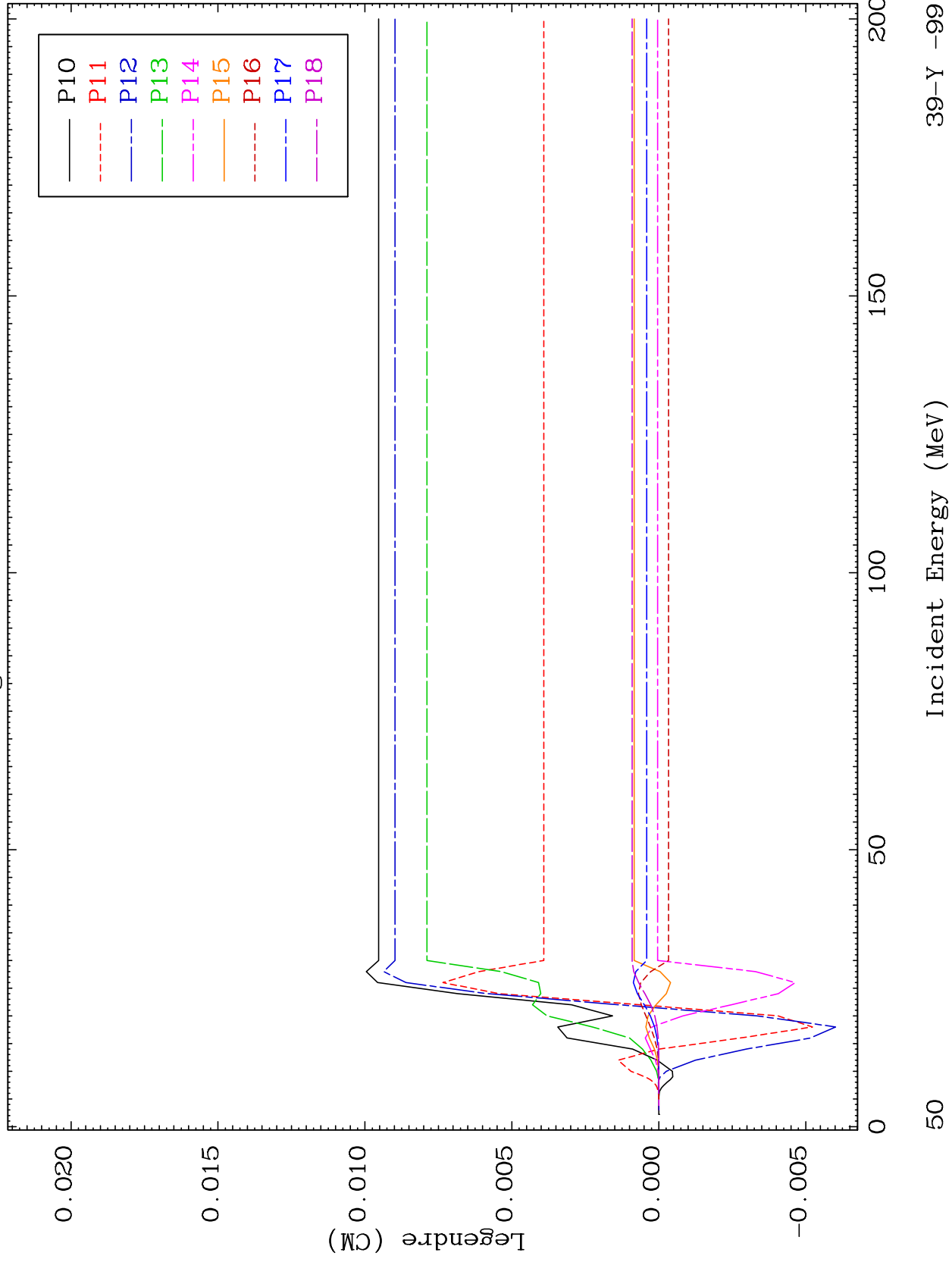
Incident Energy (MeV)

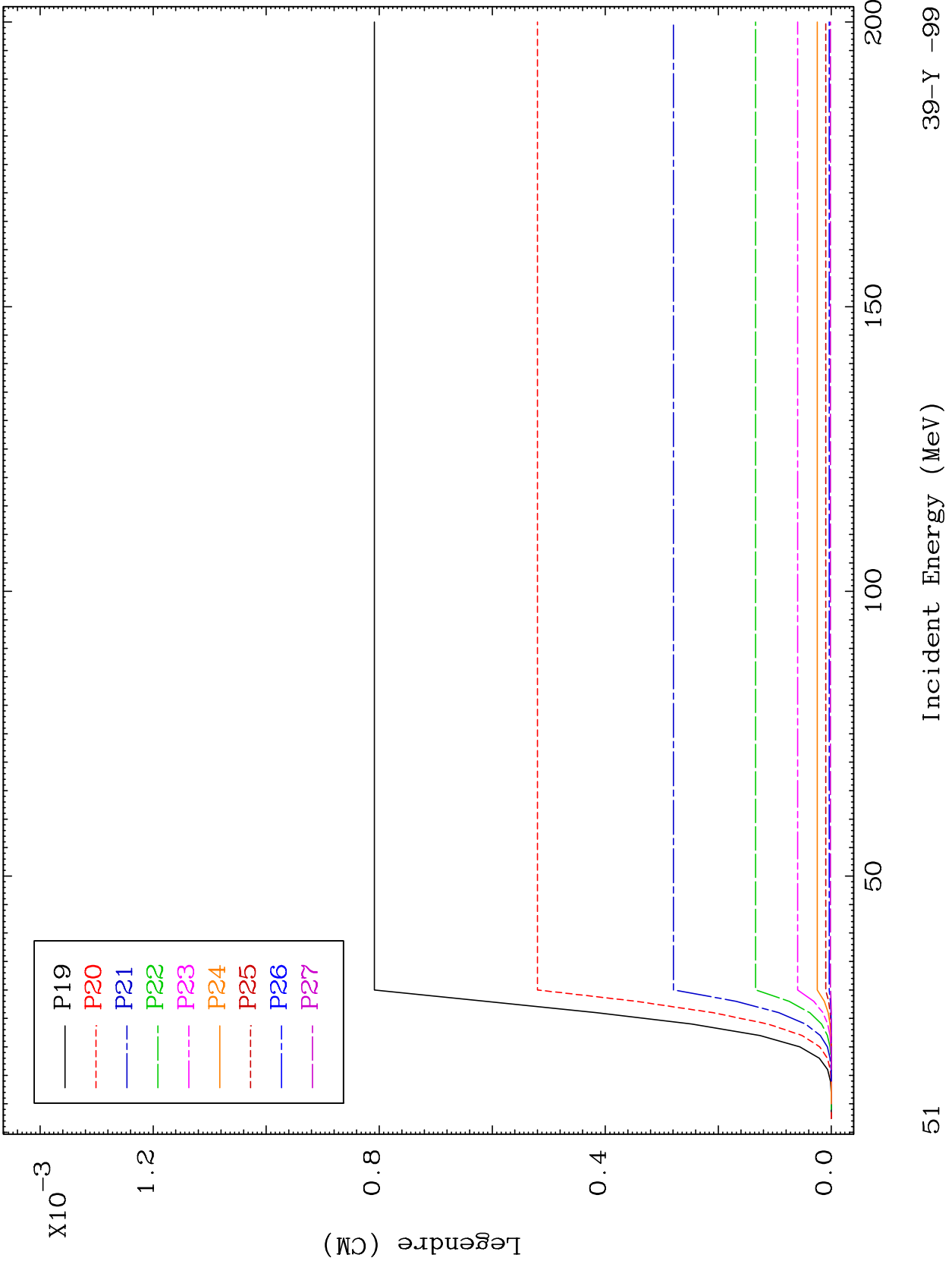
39-Y -99

MAT 3955

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

39-Y -99

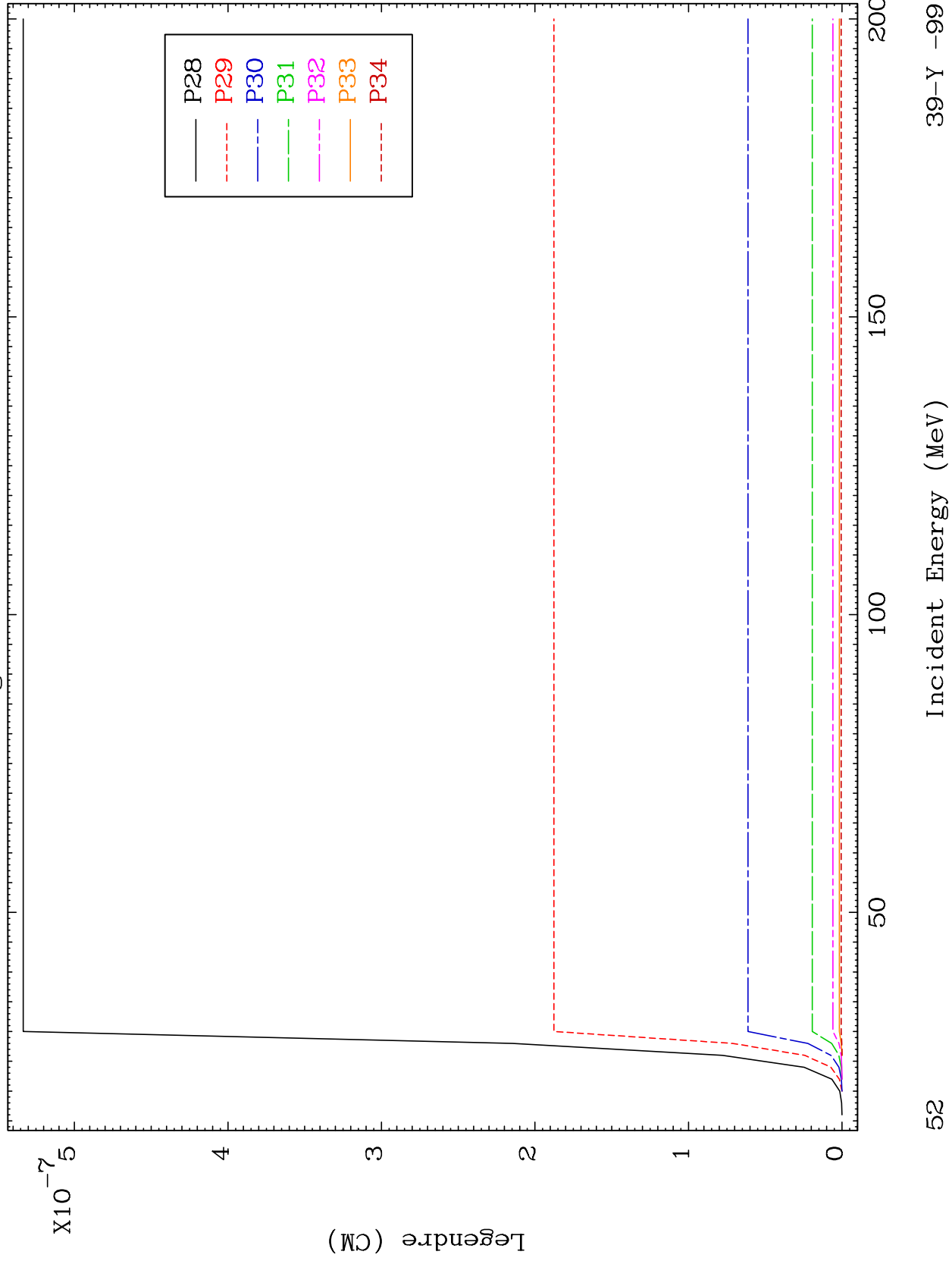




MAT 3955

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

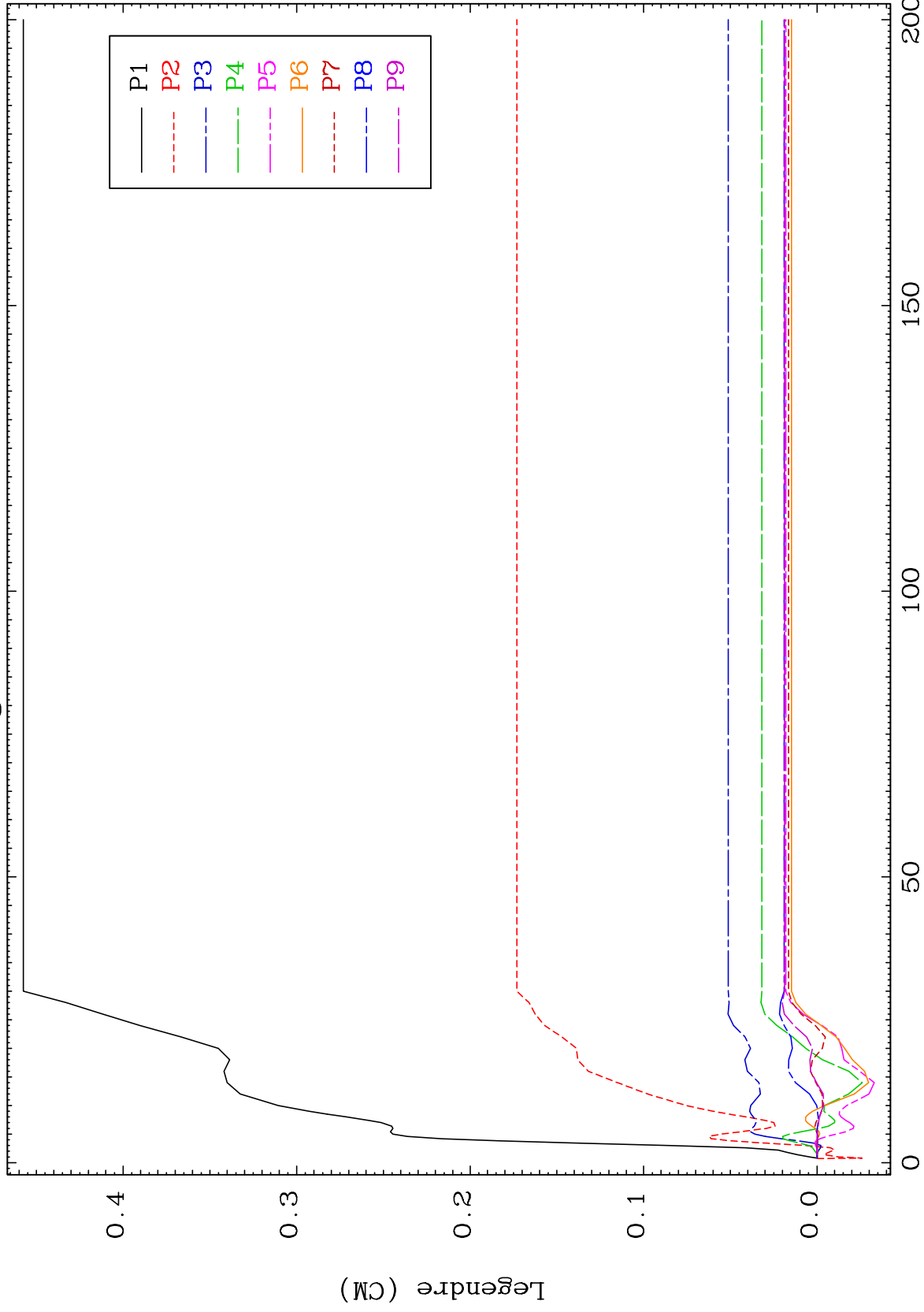
39-Y -99



MAT 3955

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

39-Y -99



53

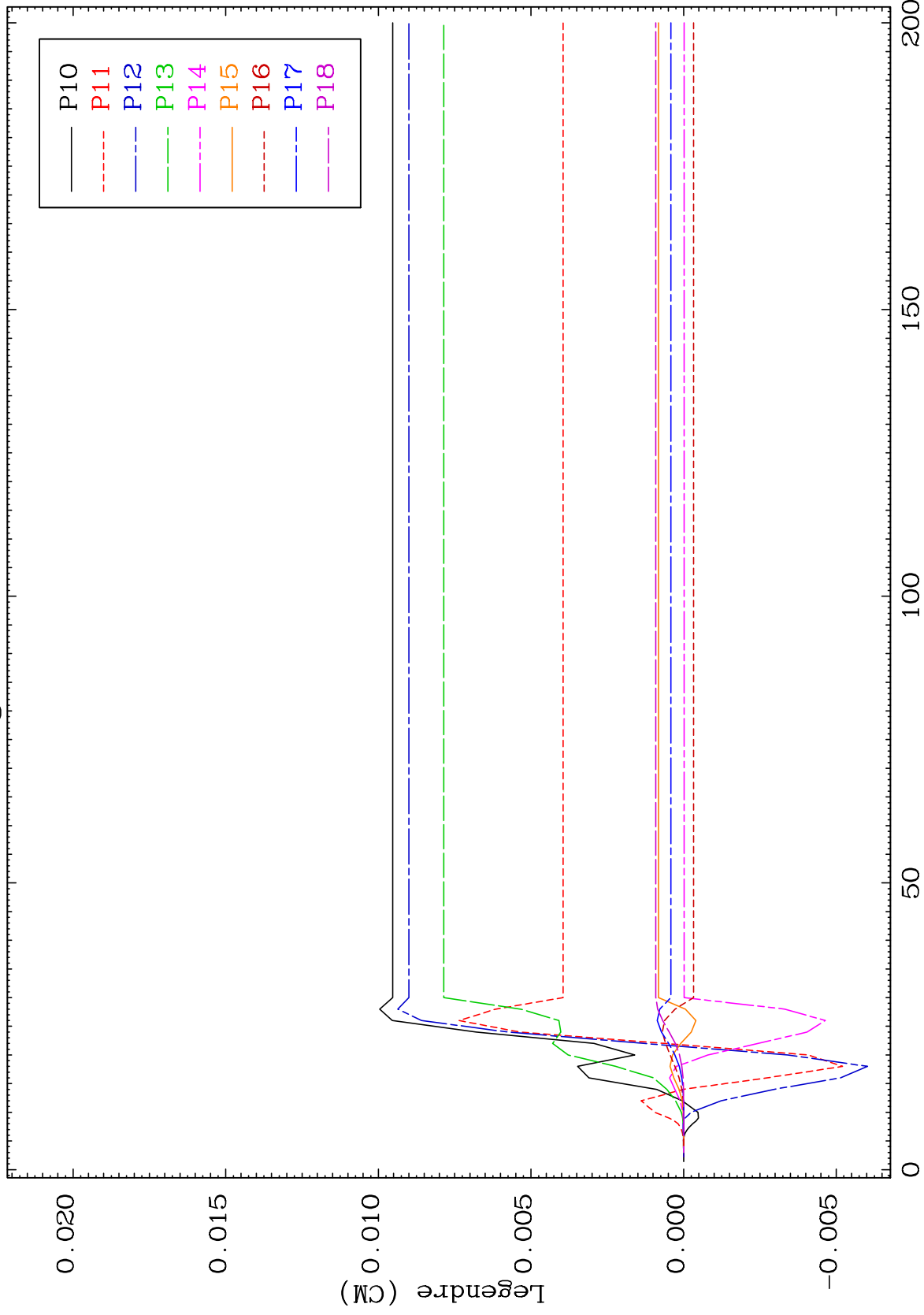
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



54

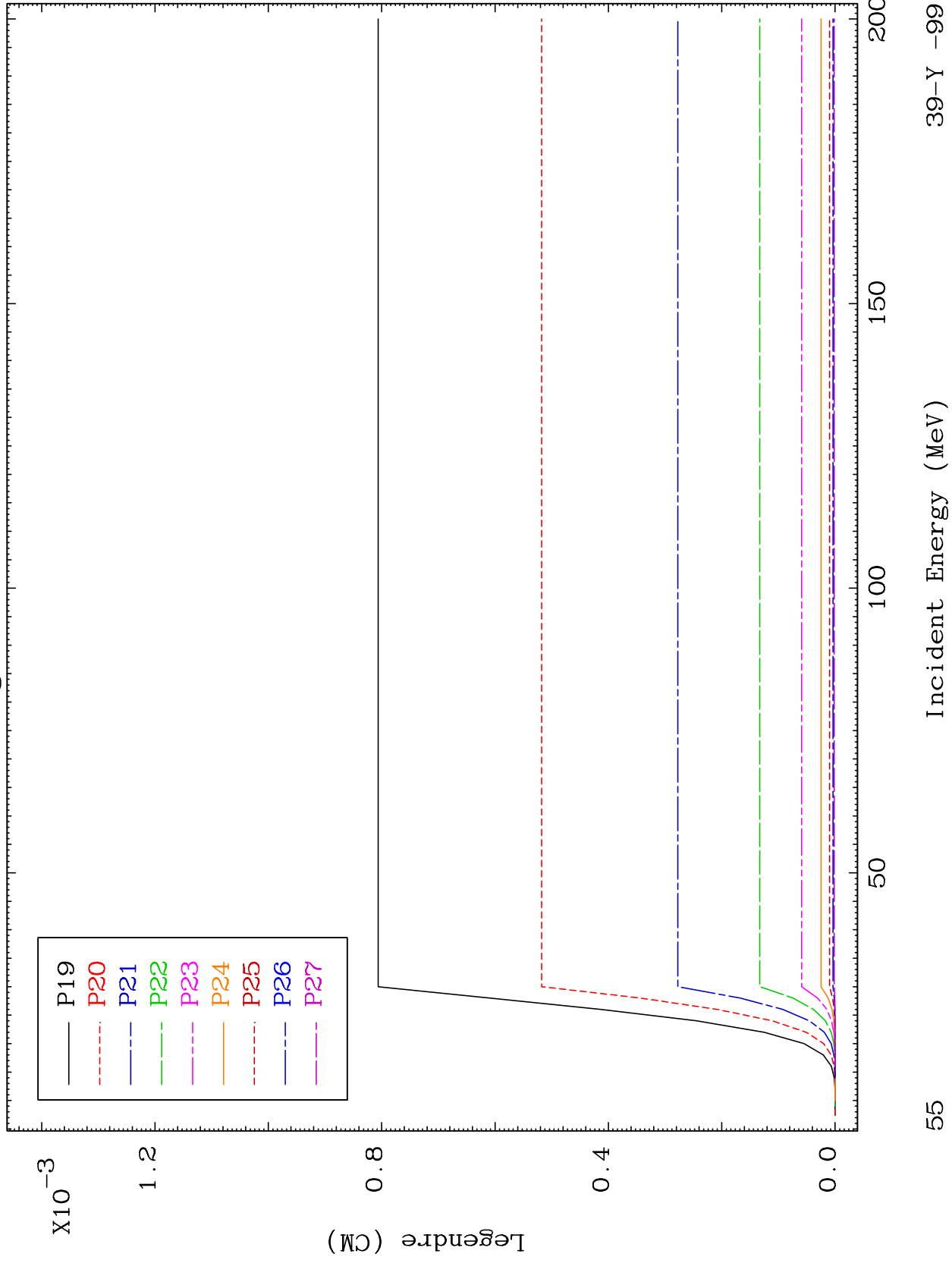
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



55

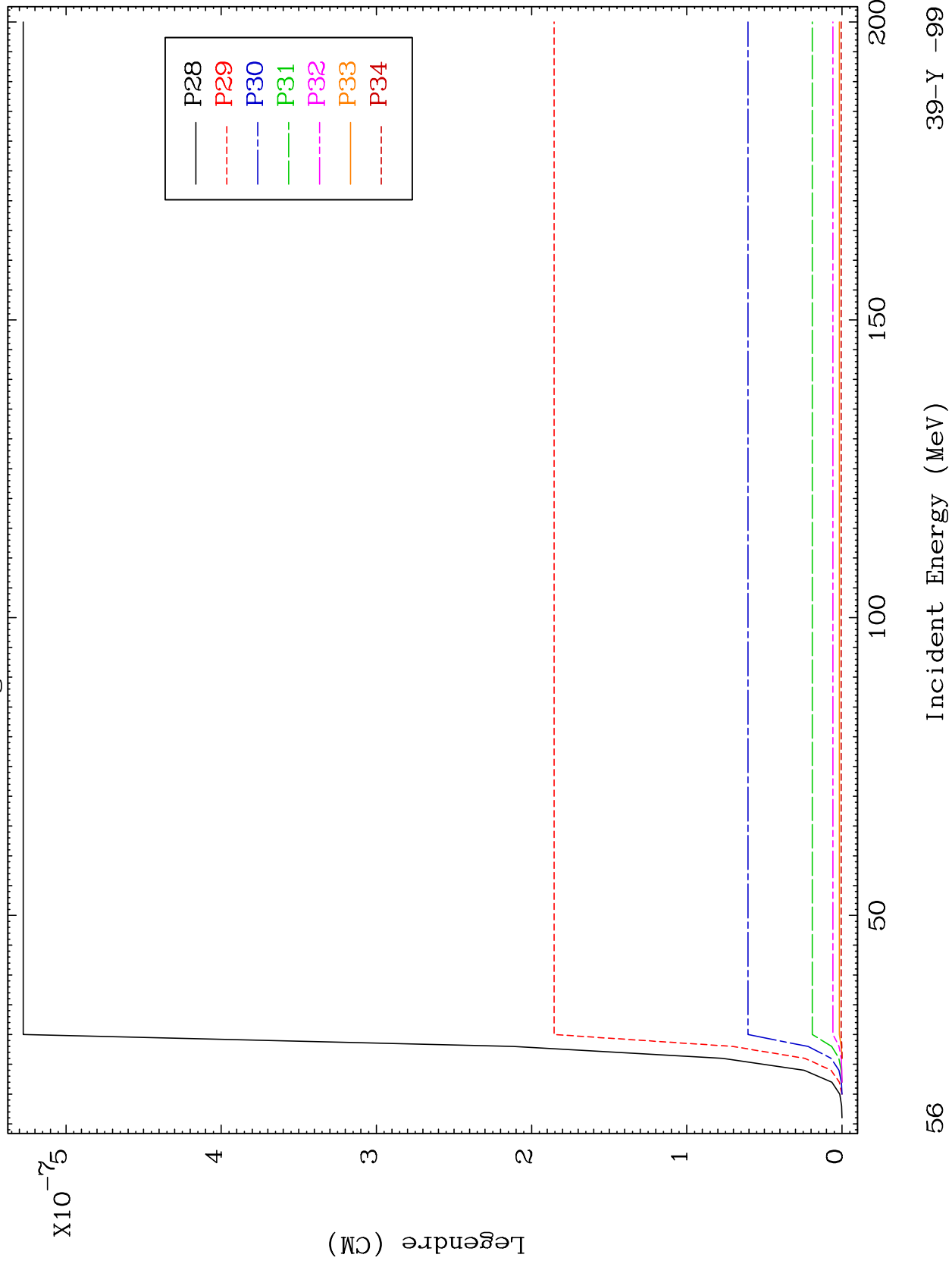
Incident Energy (MeV)

39-Y -99

MAT 3955

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

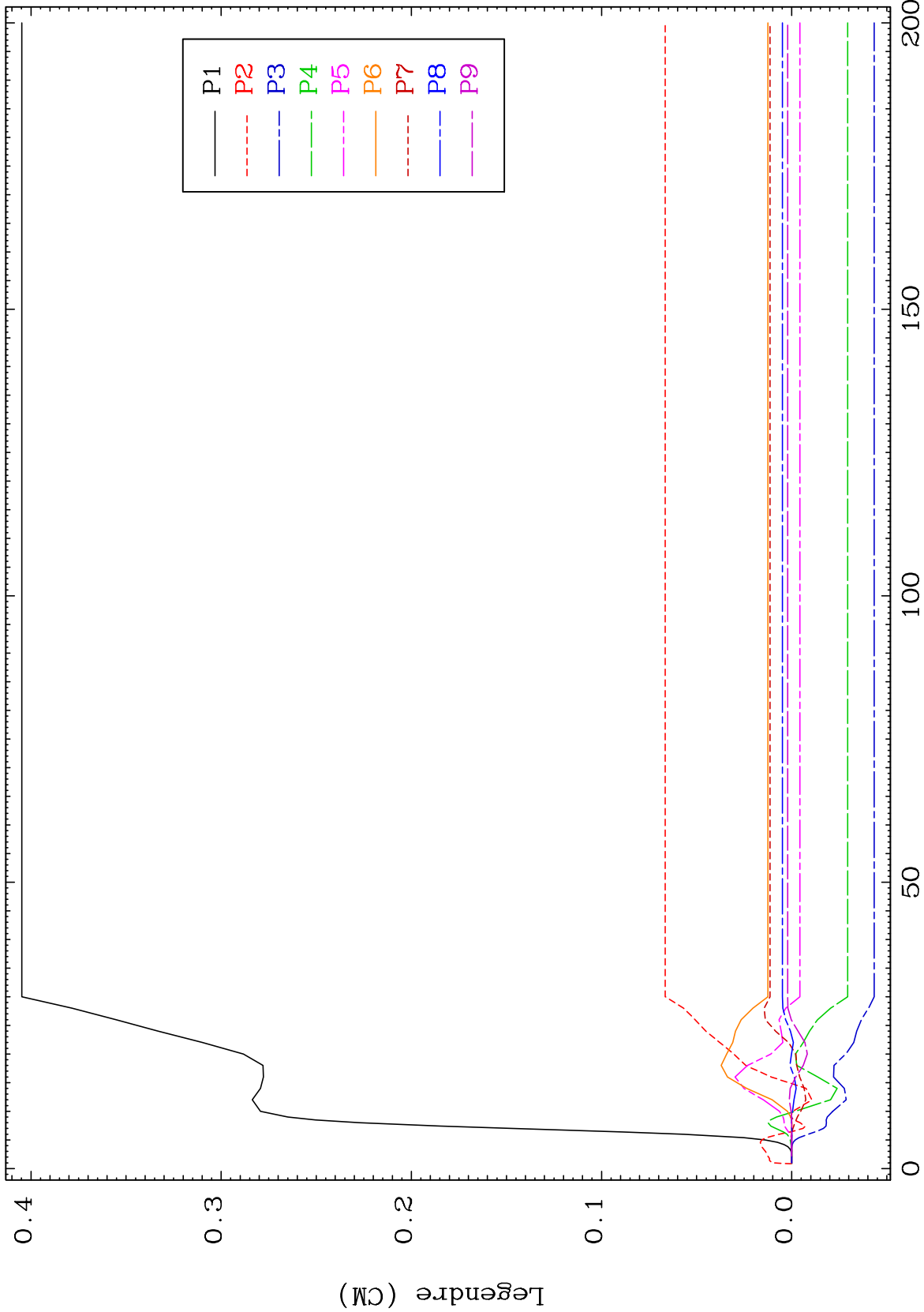
39-Y -99



MAT 3955

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

39-Y -99



57

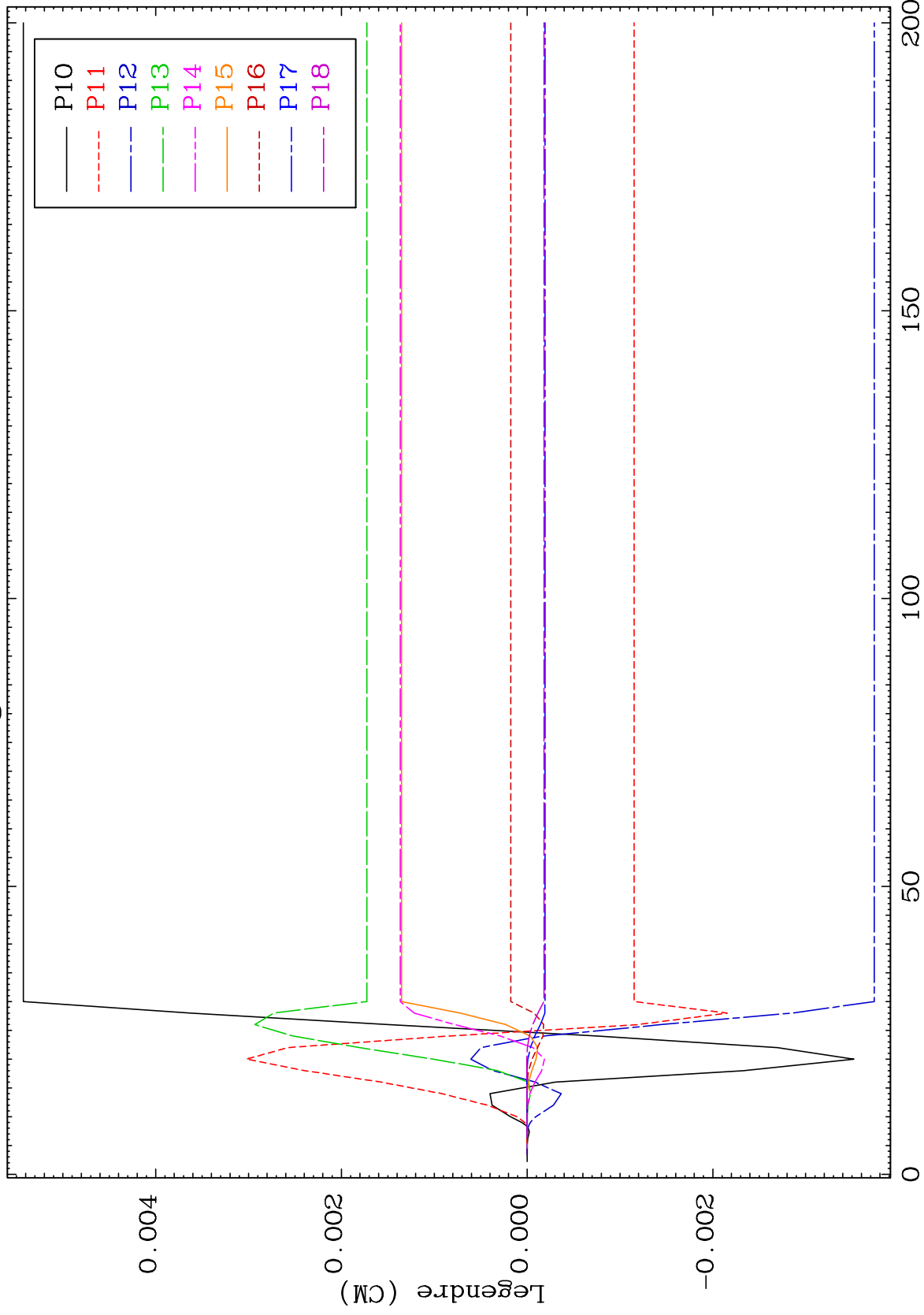
Incident Energy (MeV)

39-Y -99

MAT 3955

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

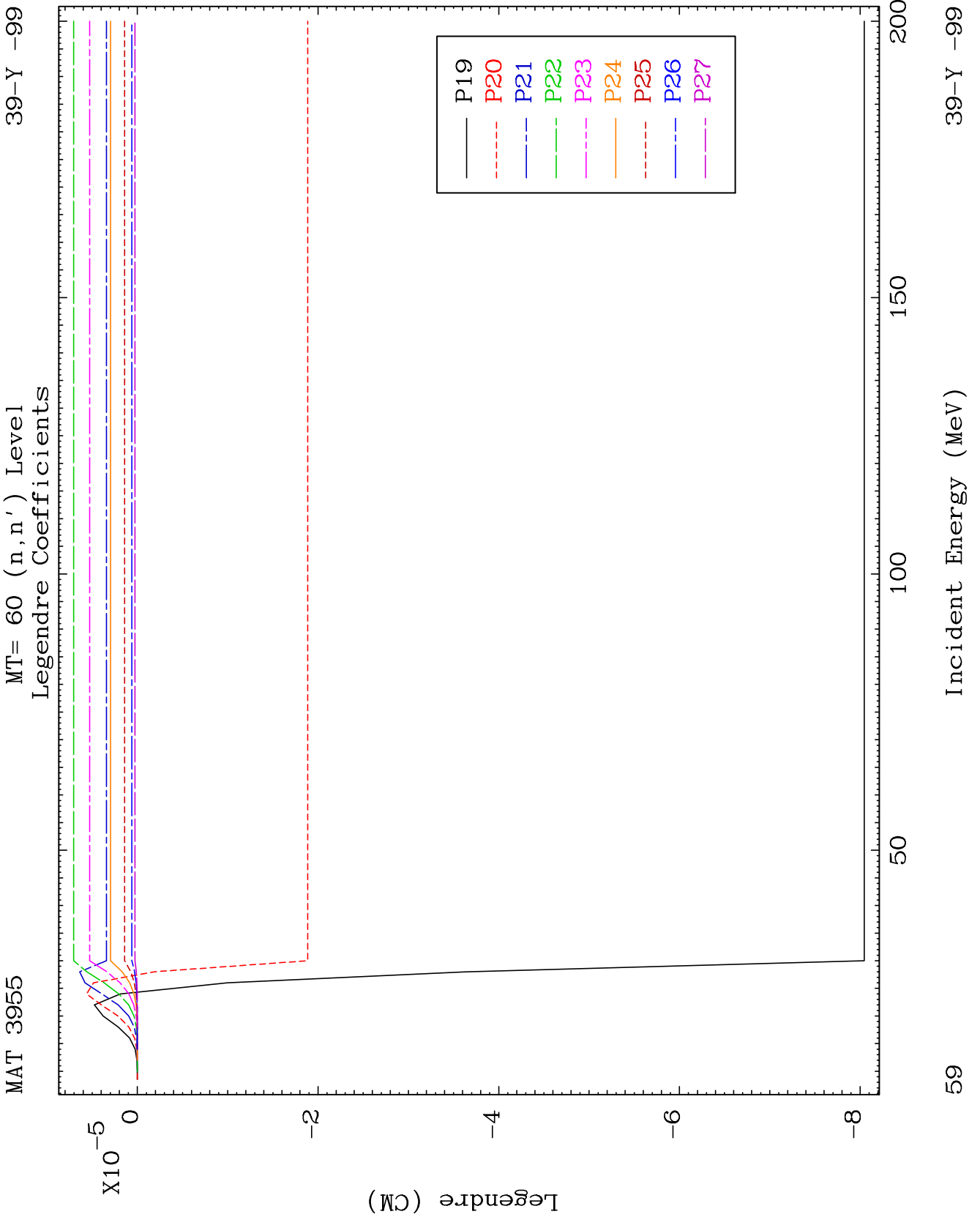
39-Y -99



58

Incident Energy (MeV)

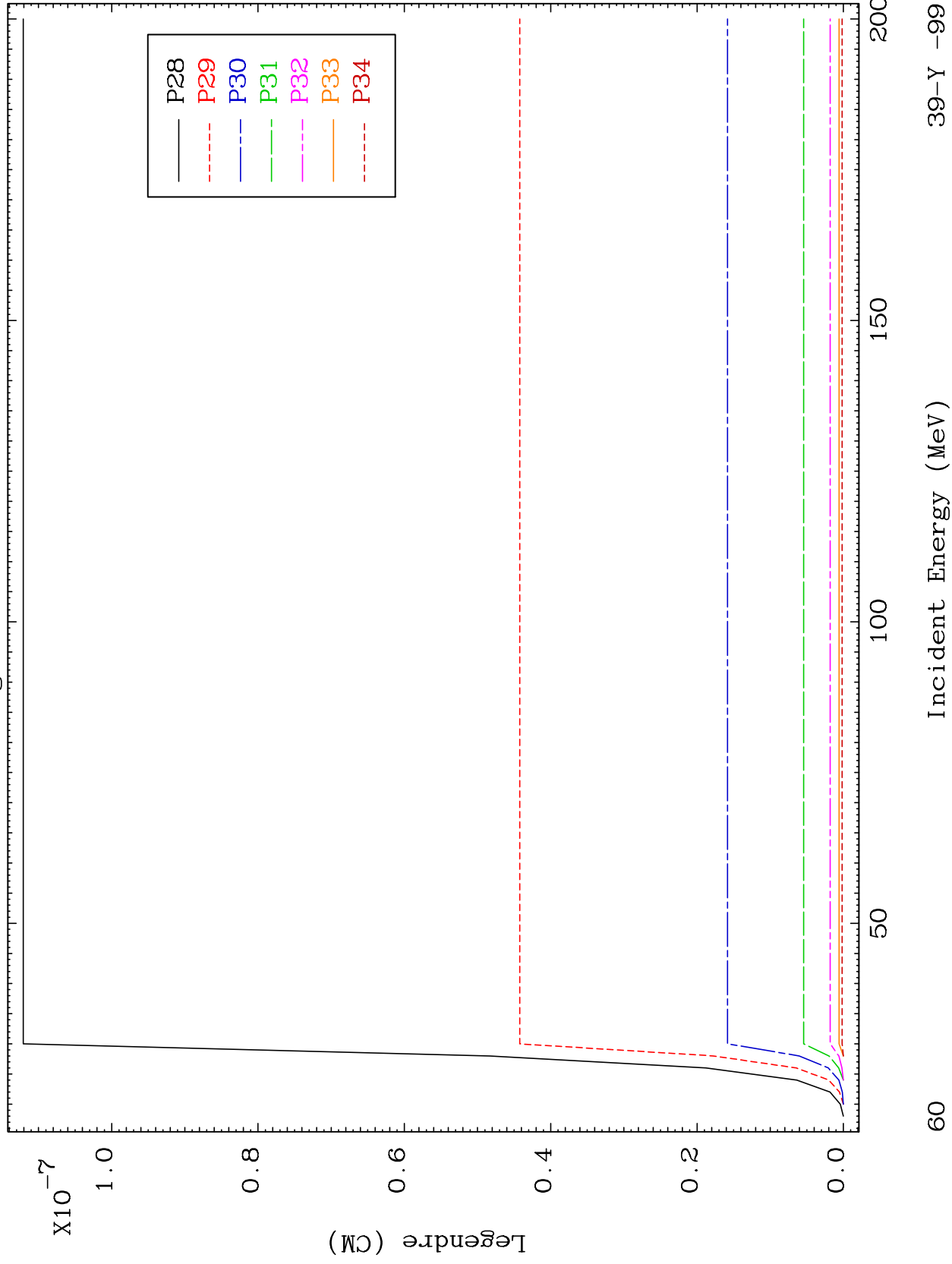
39-Y -99



MAT 3955

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

39-Y -99



60

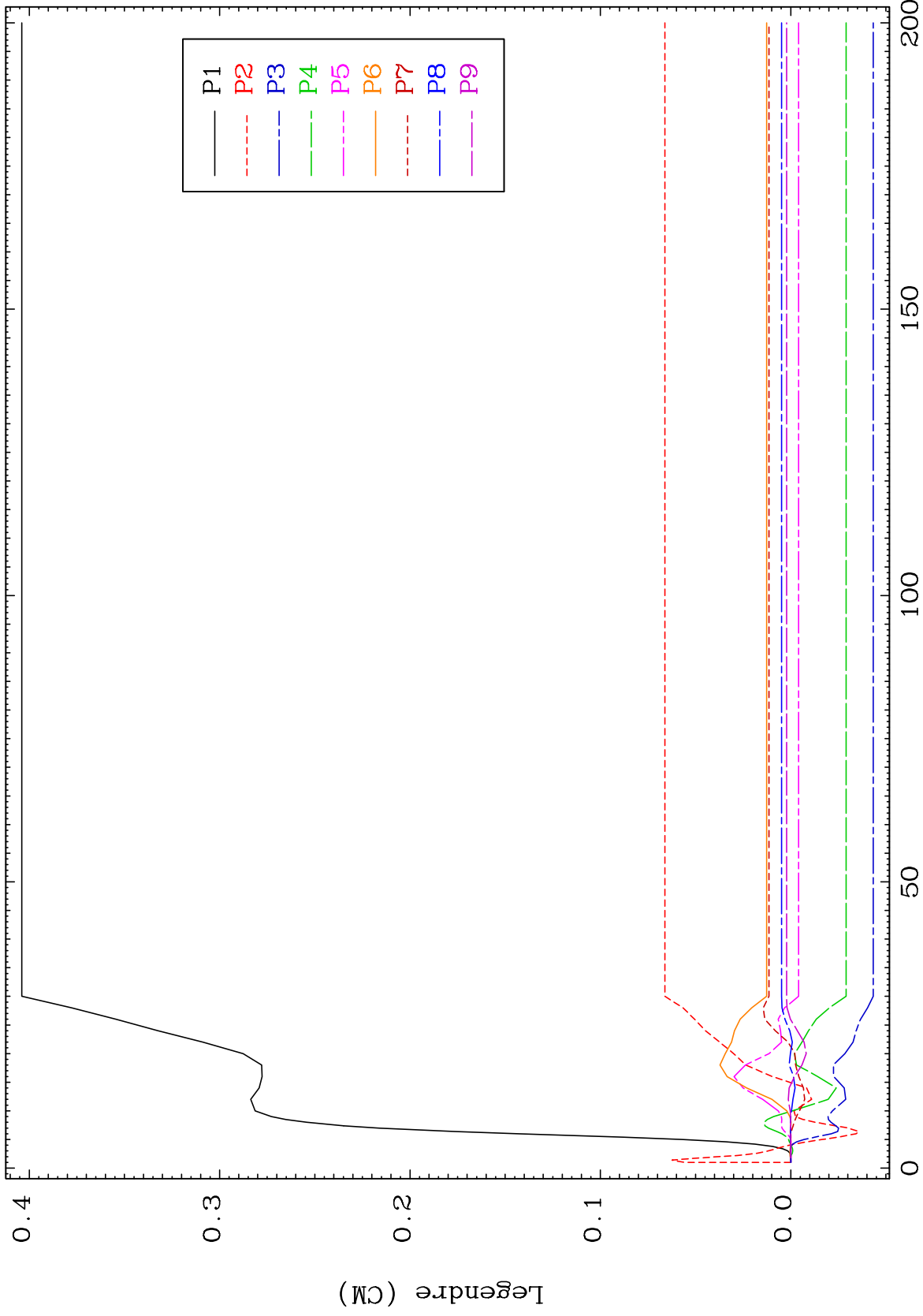
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



61

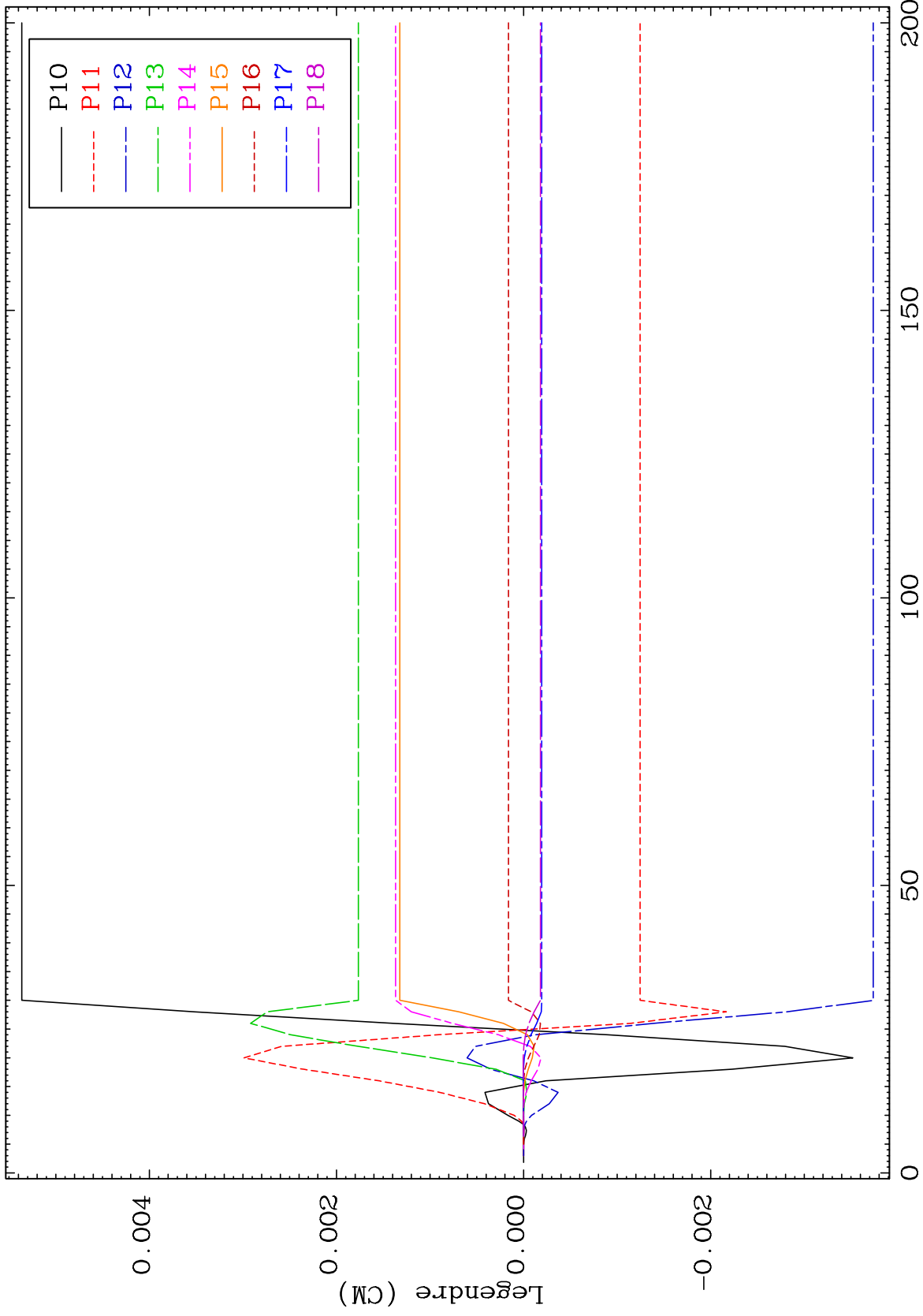
Incident Energy (MeV)

39-Y -99

MAT 3955

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

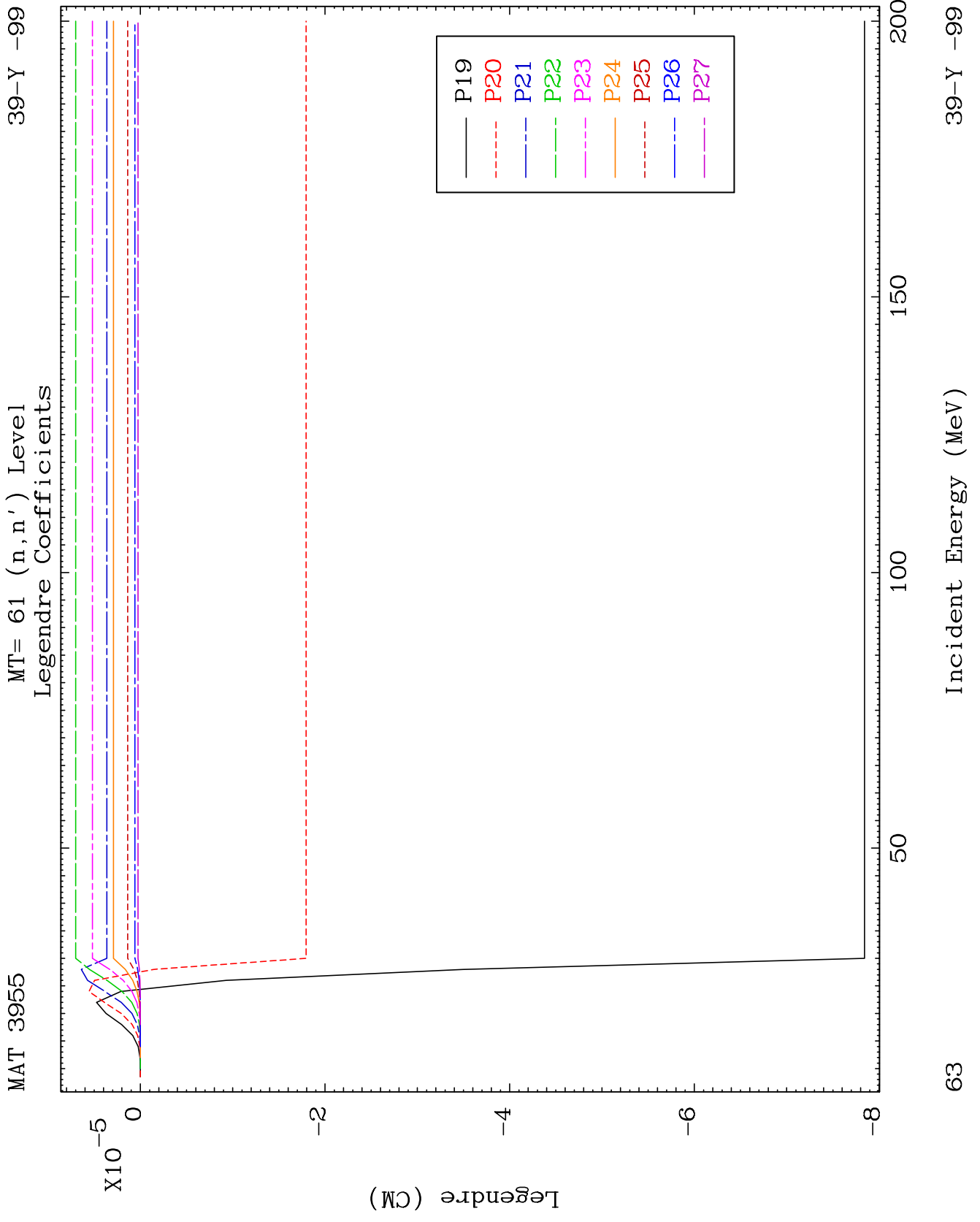
39-Y -99



62

Incident Energy (MeV)

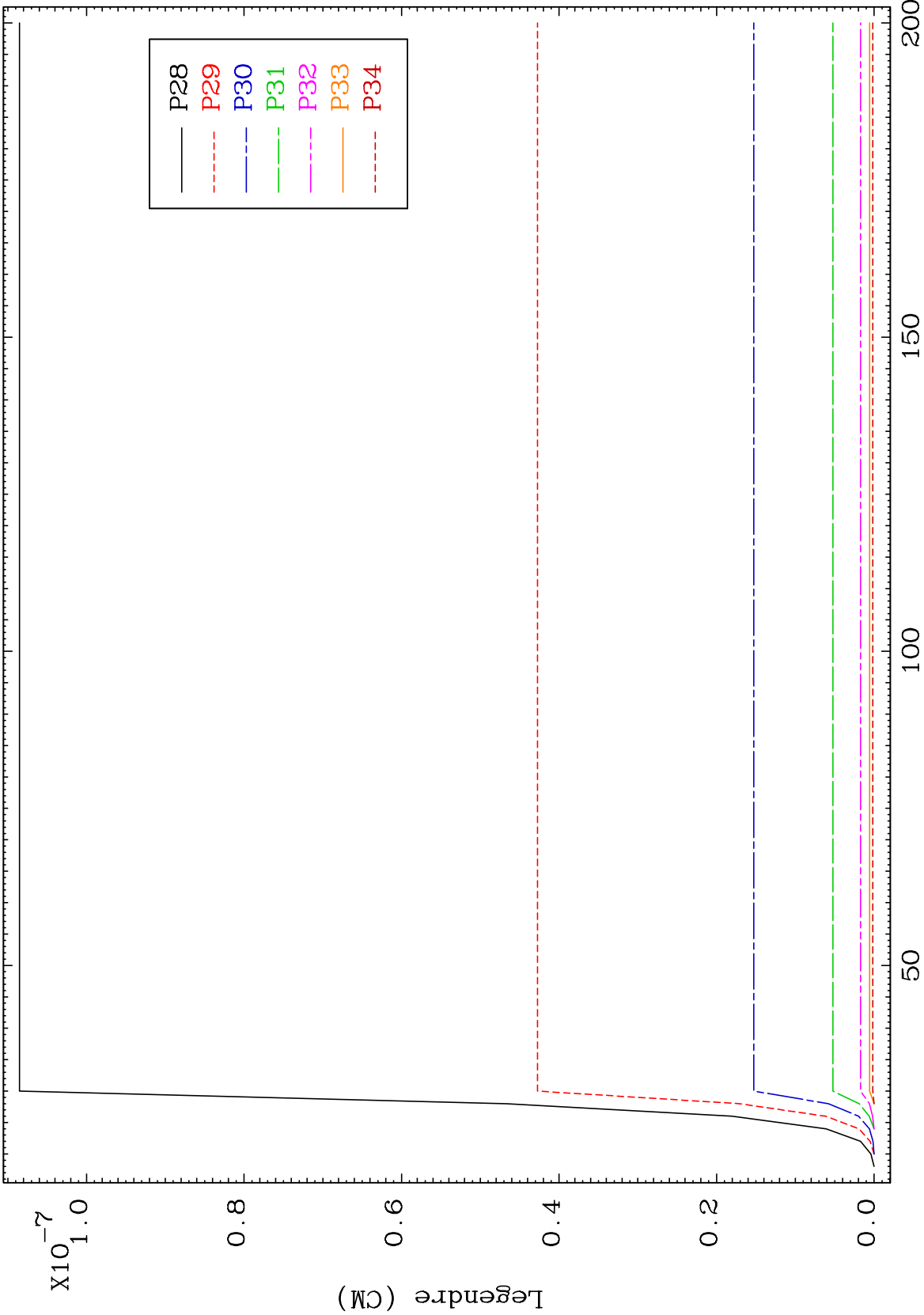
39-Y -99



MAT 3955

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

39-Y -99



64

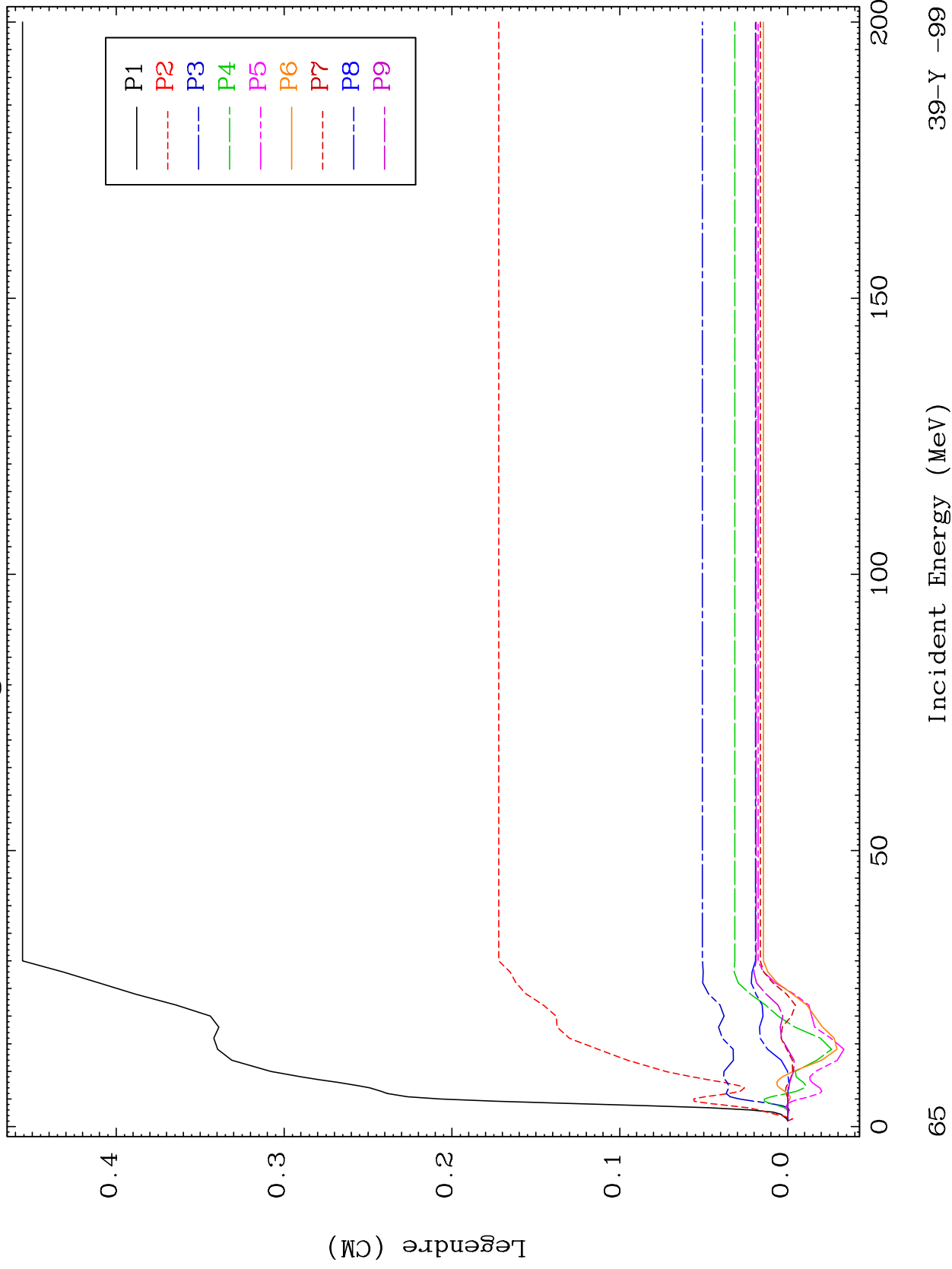
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



39-Y -99

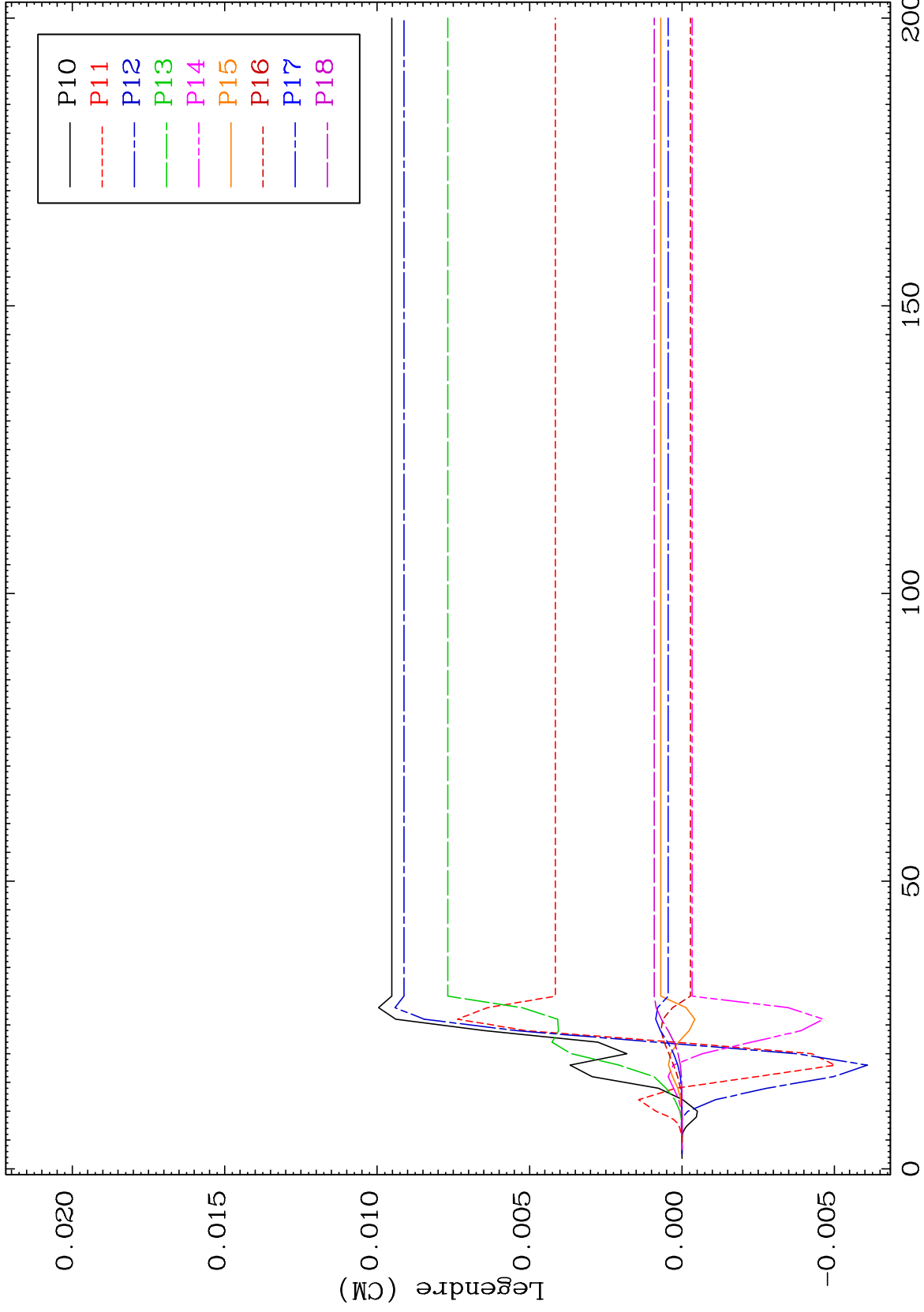
Incident Energy (MeV)

65

MAT 3955

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

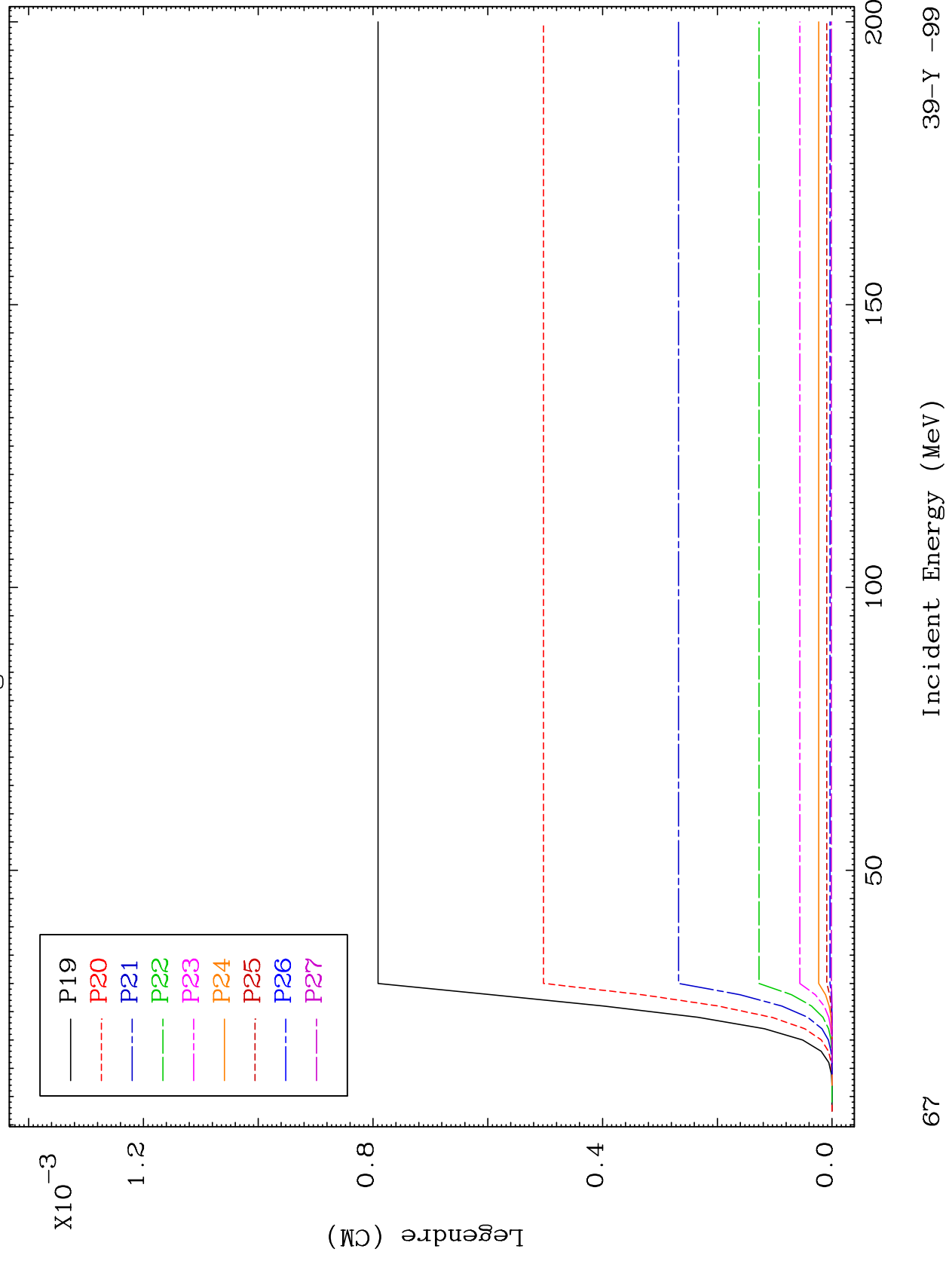
39-Y -99



66

Incident Energy (MeV)

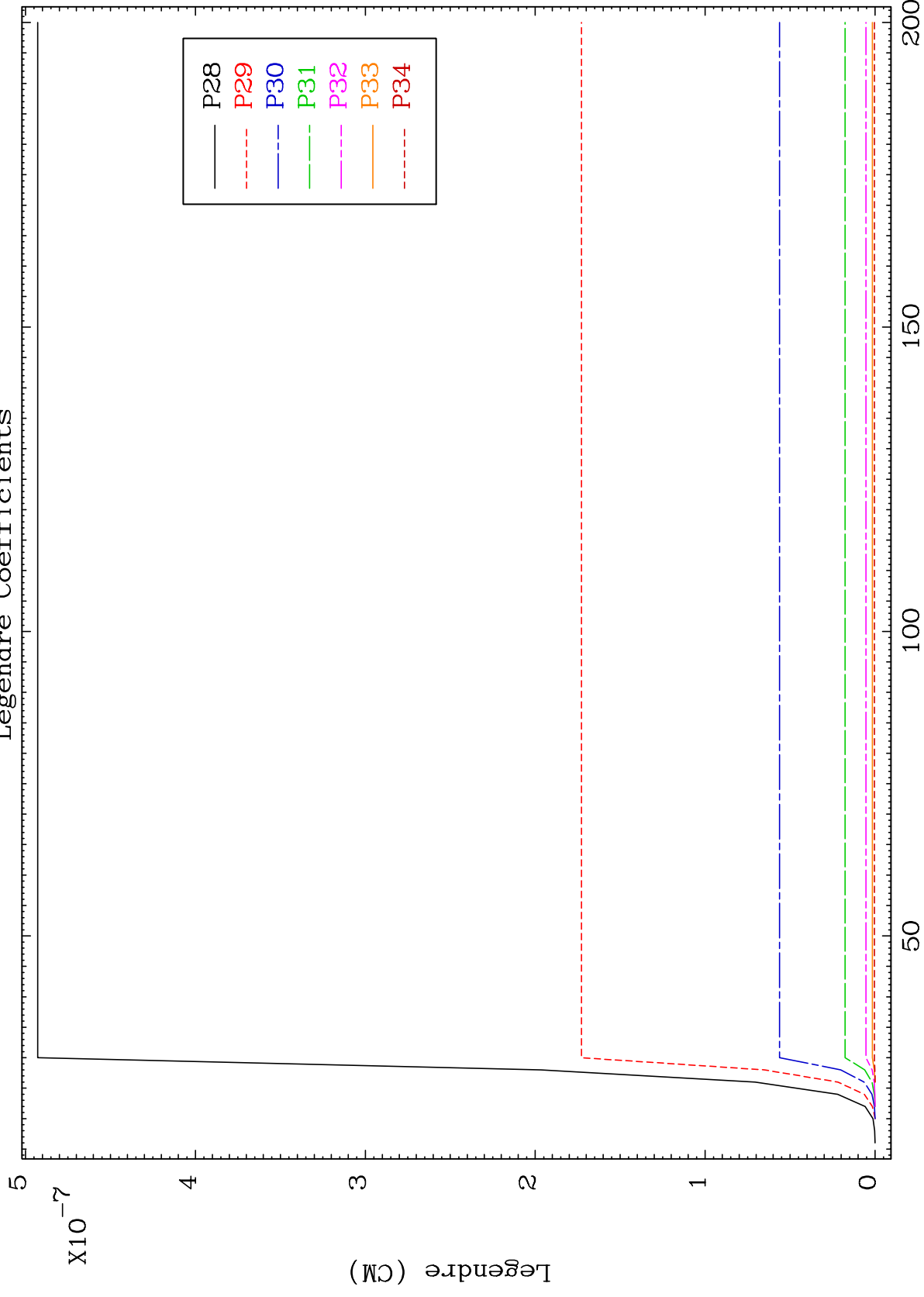
39-Y -99



MAT 3955

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

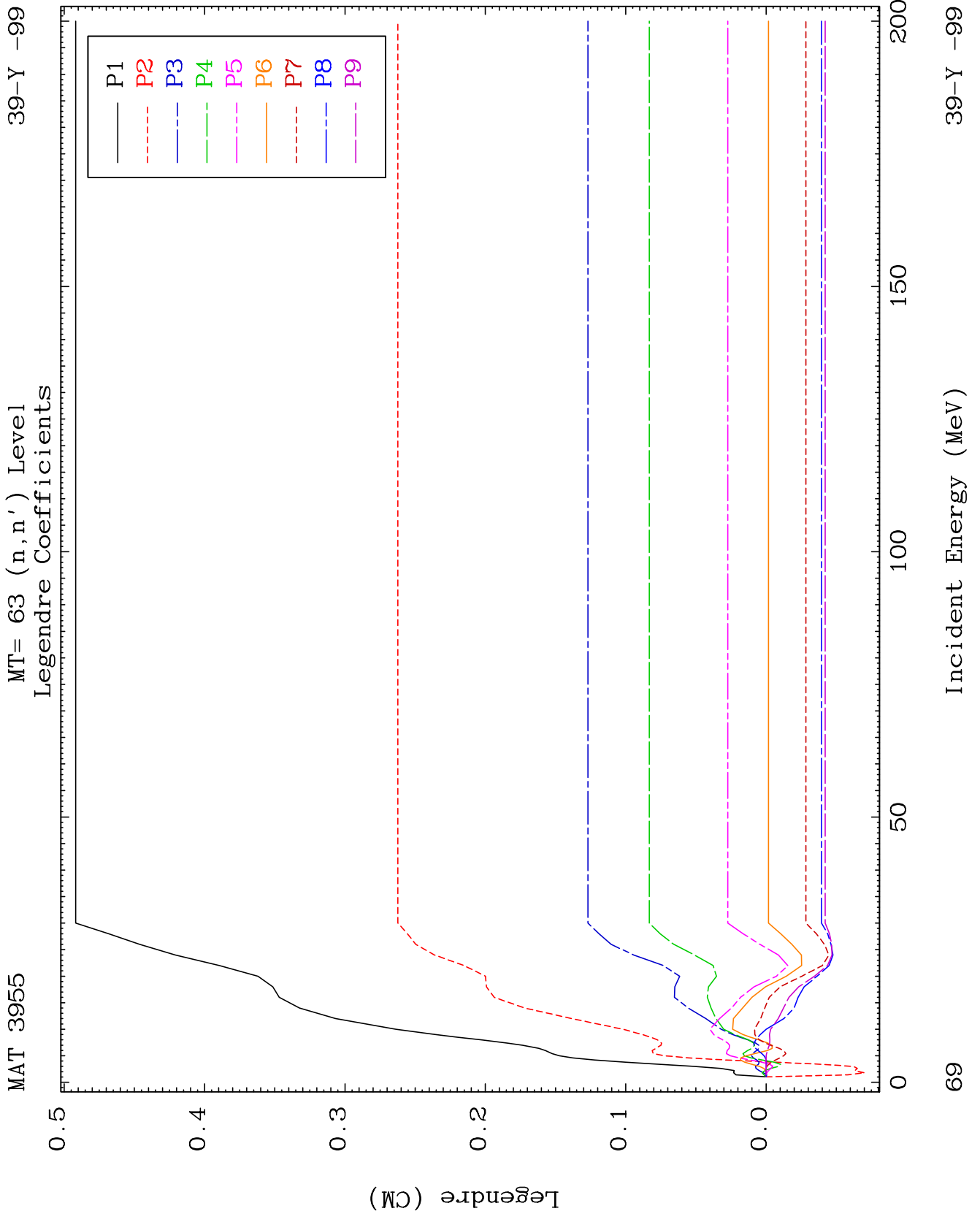
39-Y -99



68

Incident Energy (MeV)

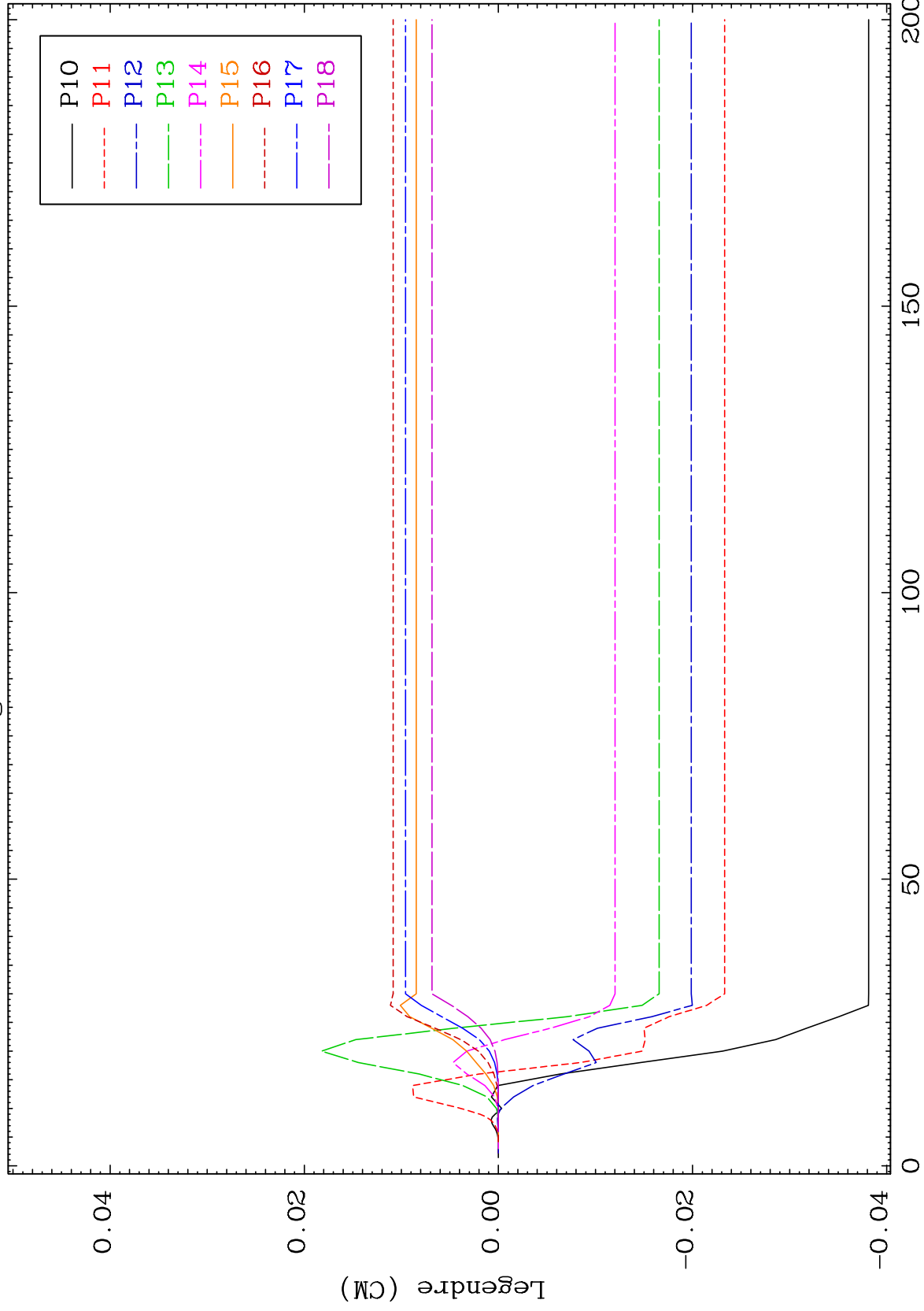
39-Y -99



MAT 3955

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

39-Y -99



39-Y -99

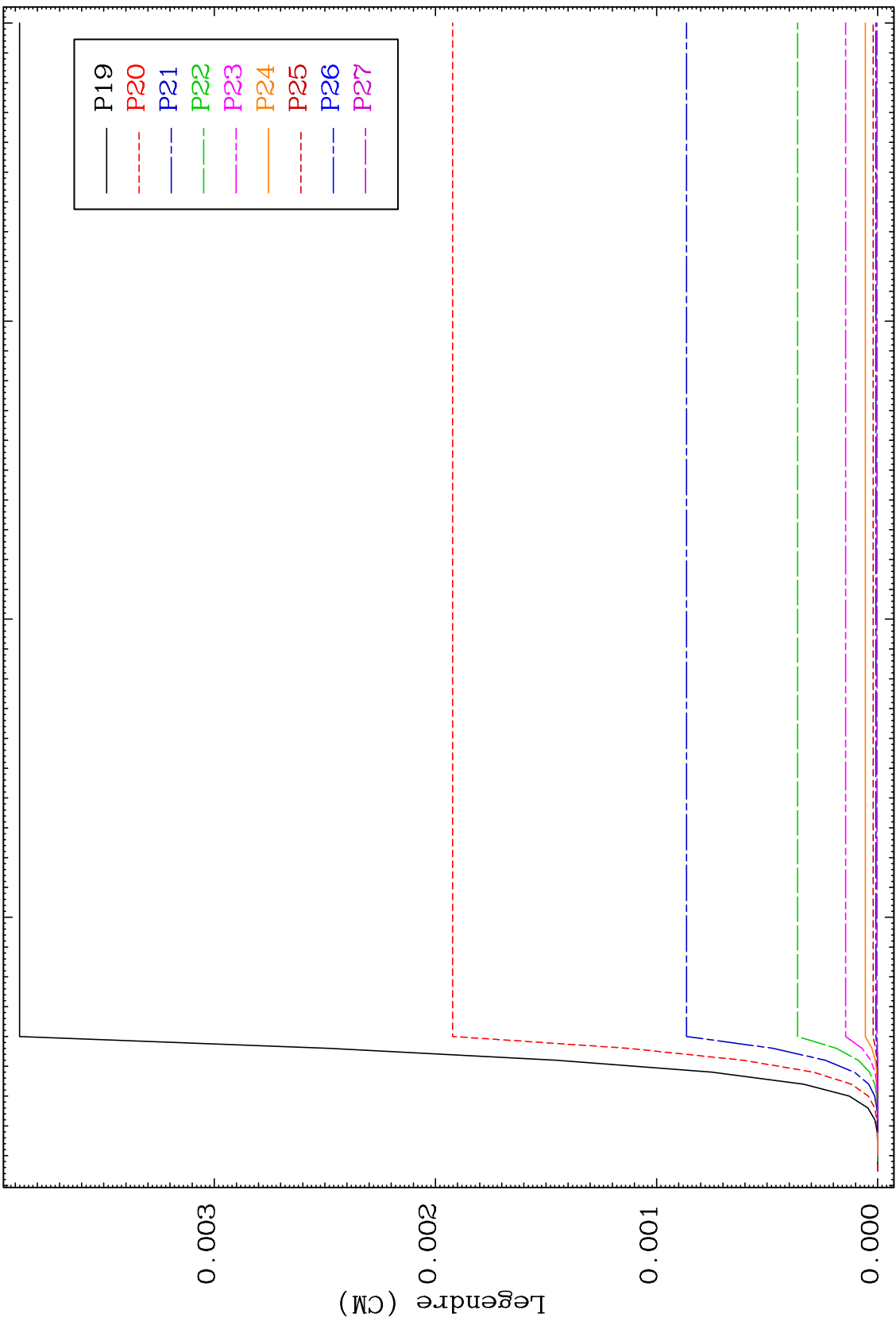
Incident Energy (MeV)

70

MAT 3955

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

39-Y -99



71

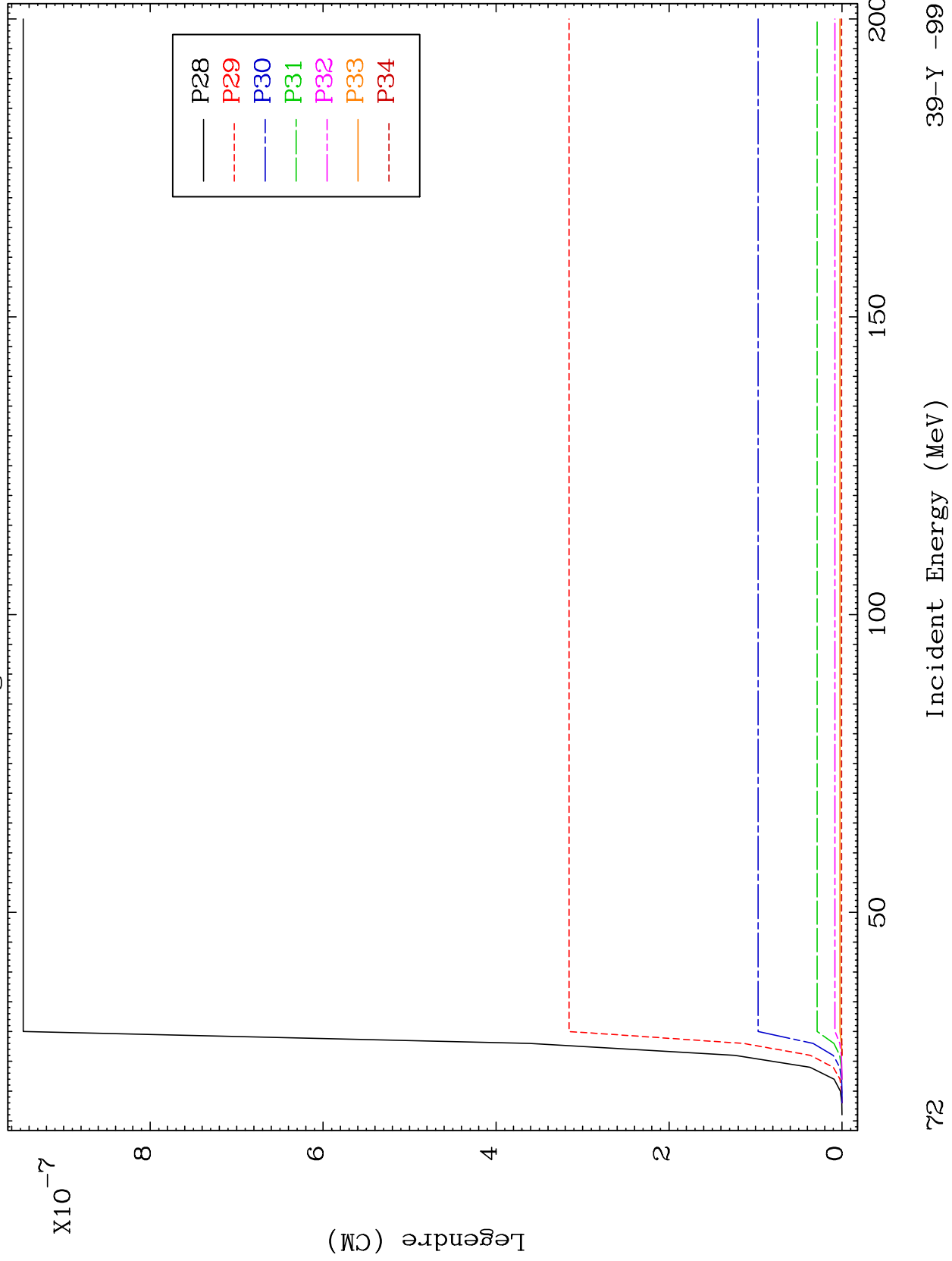
Incident Energy (MeV)

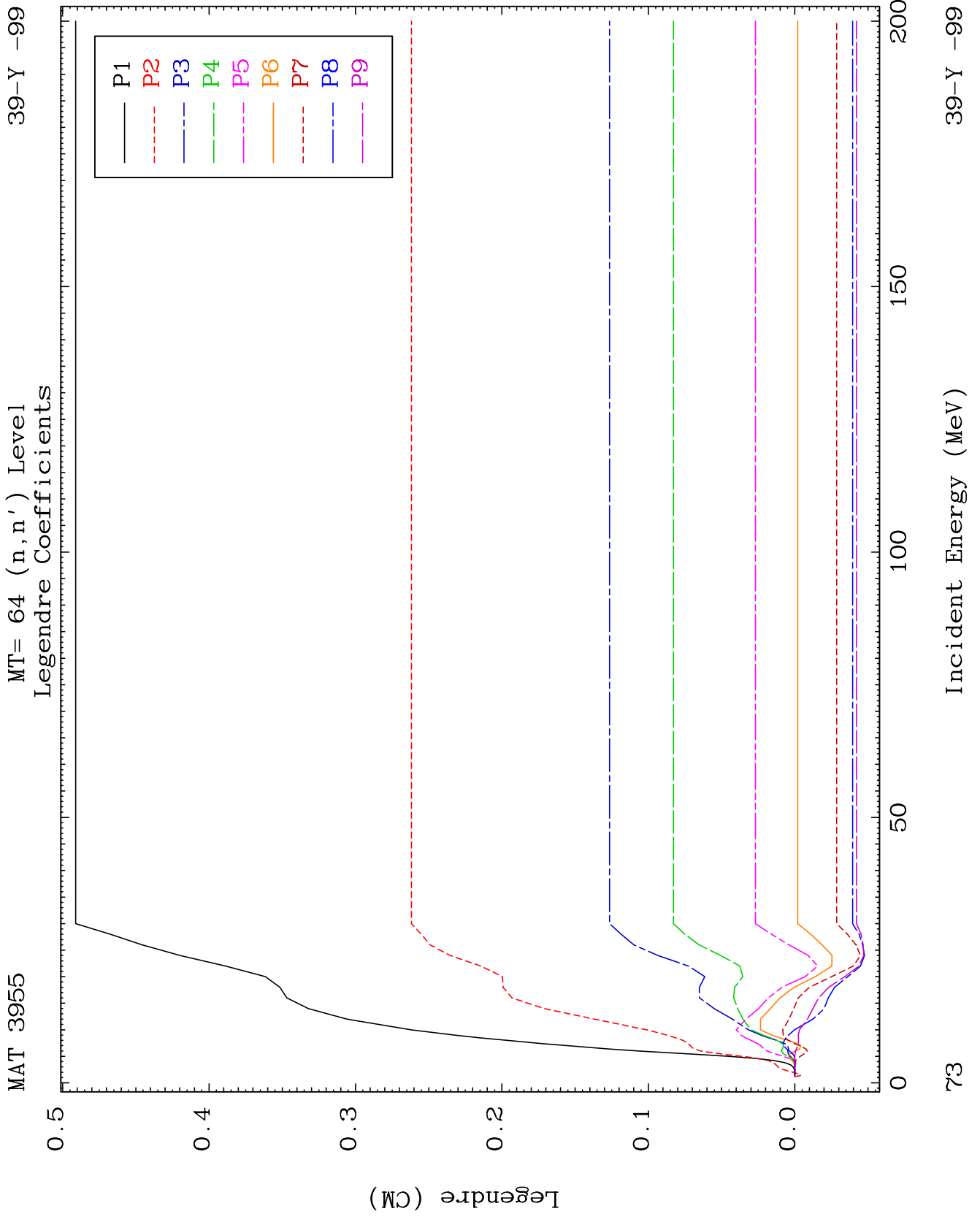
39-Y -99

MAT 3955

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

39-Y -99

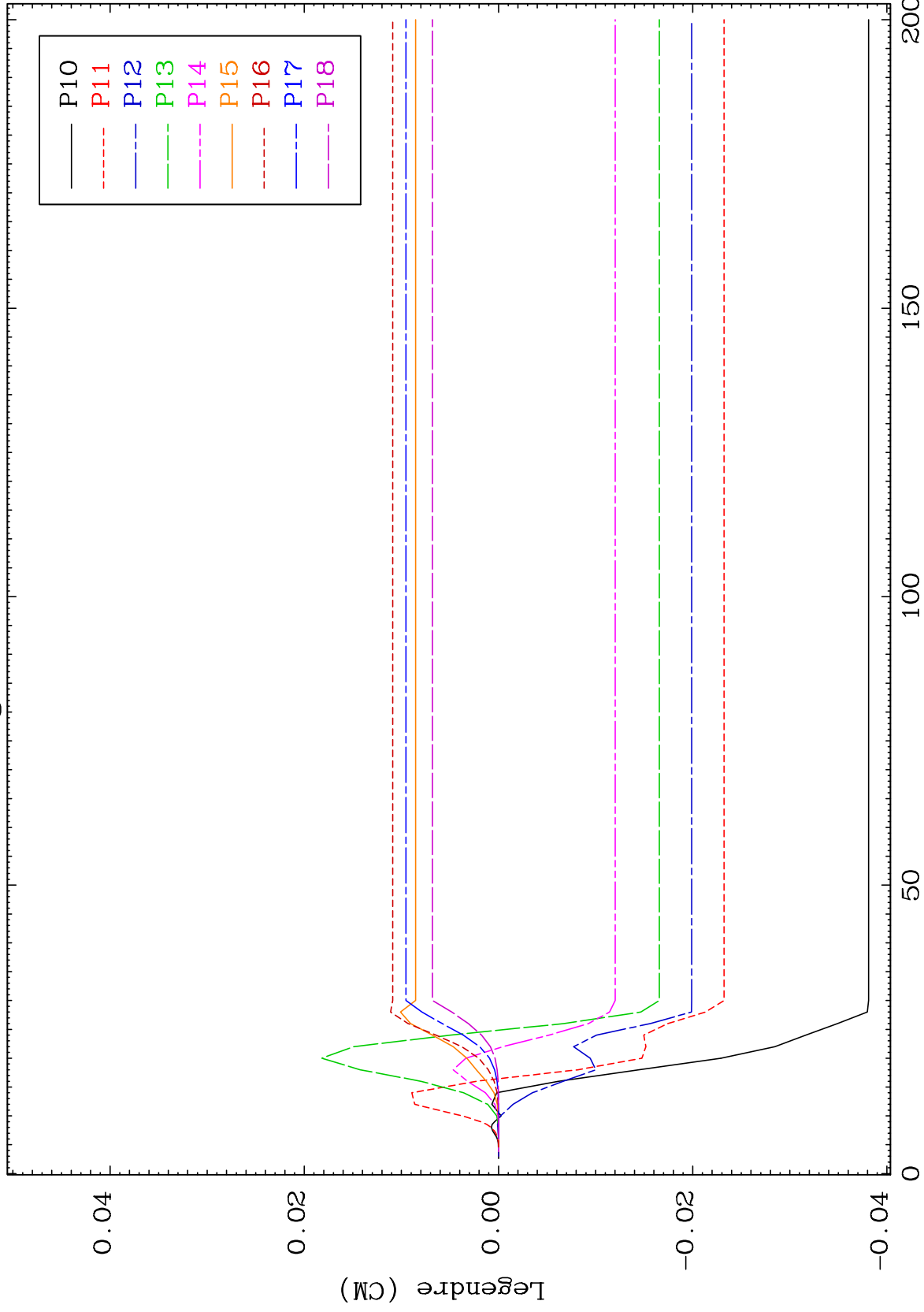




MAT 3955

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

39-Y -99



74

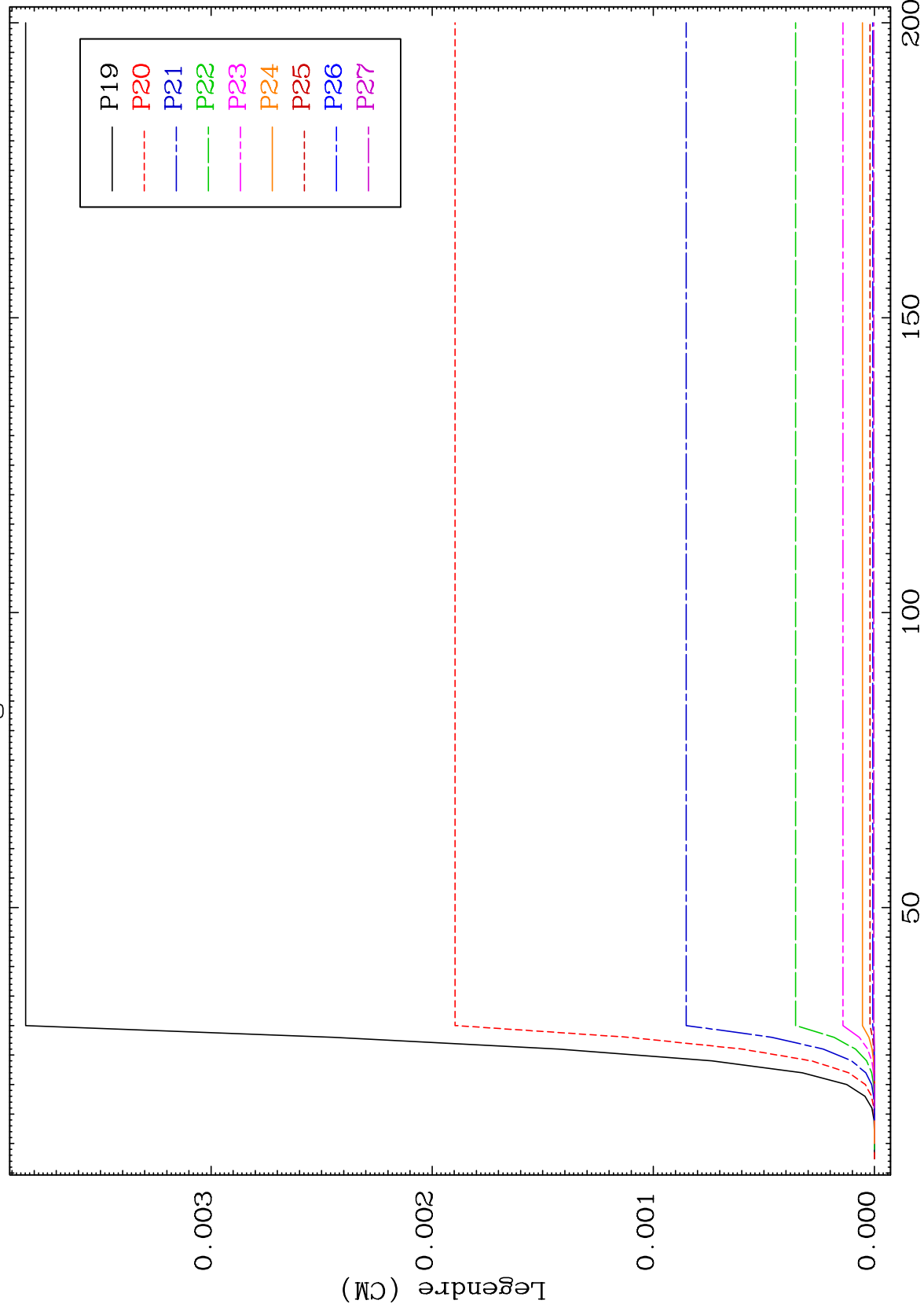
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



75

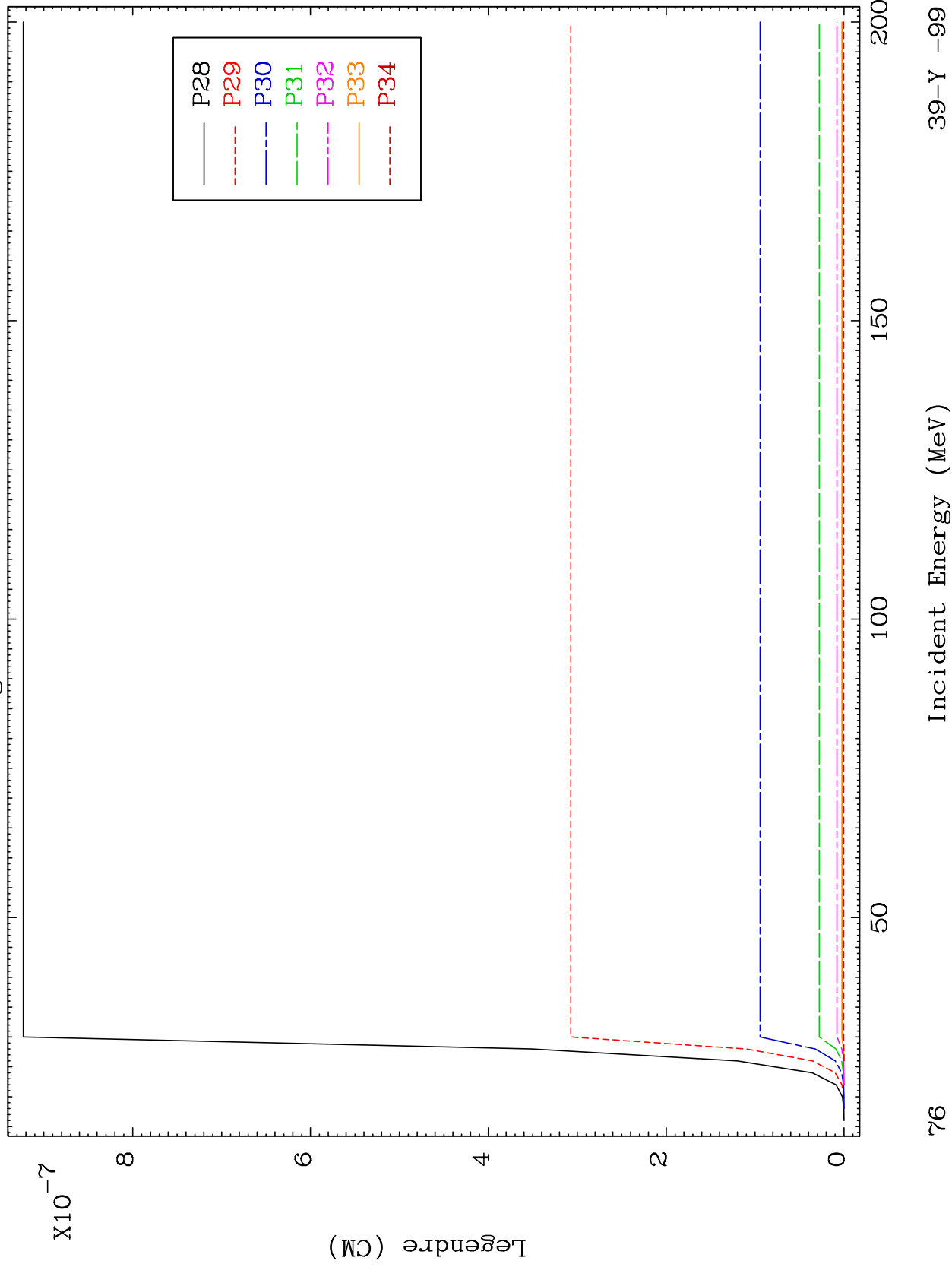
Incident Energy (MeV)

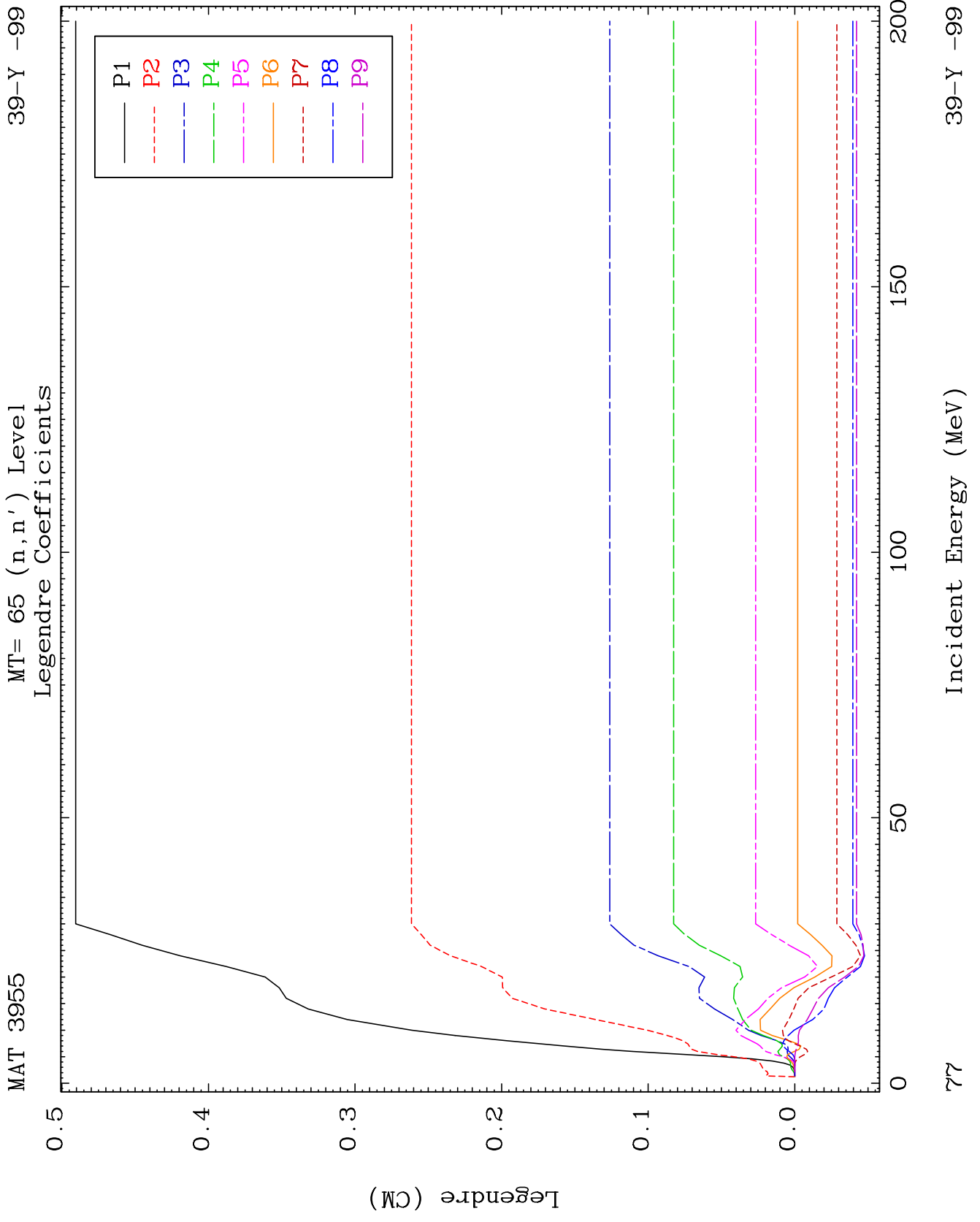
39-Y -99

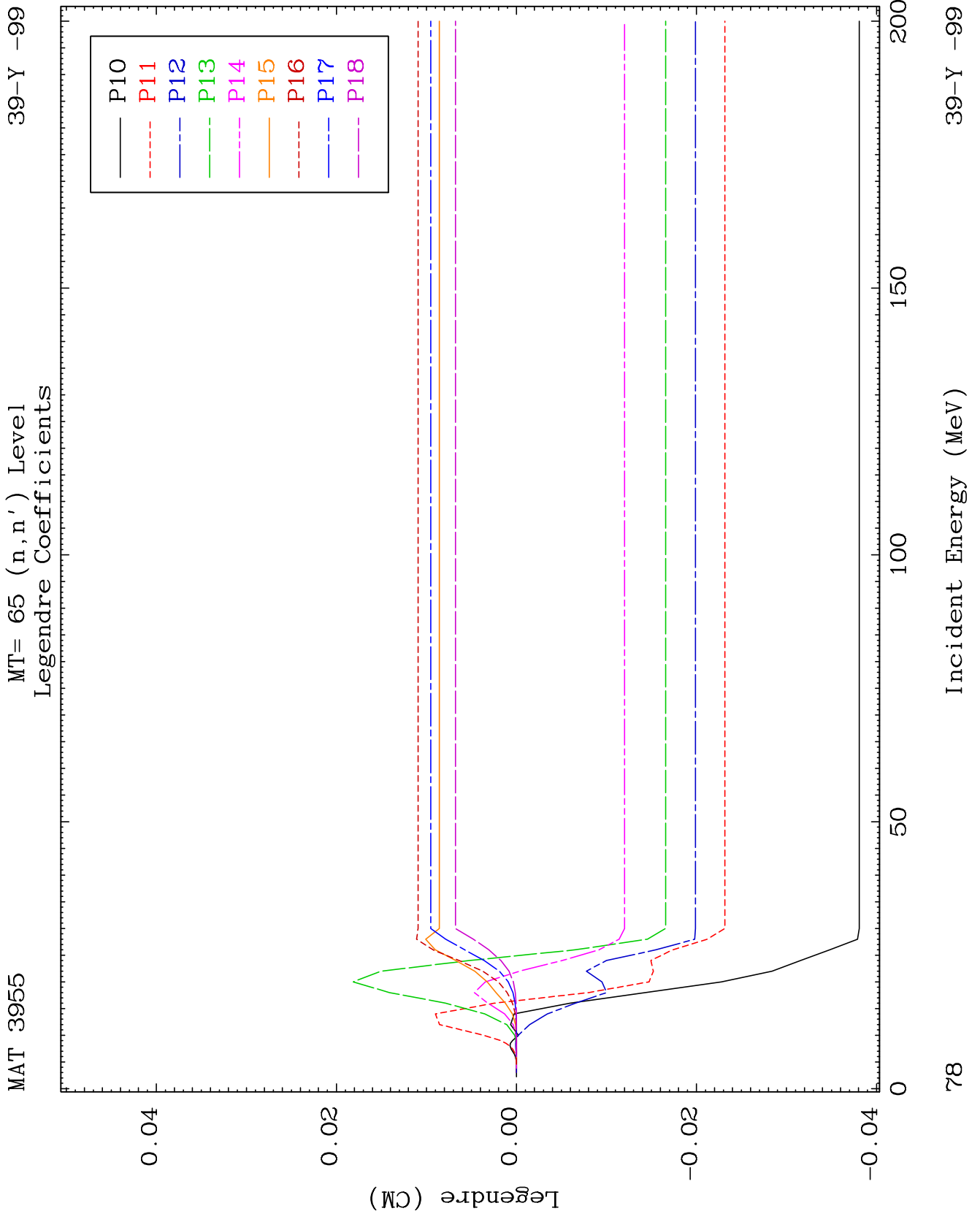
MAT 3955

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

39-Y -99



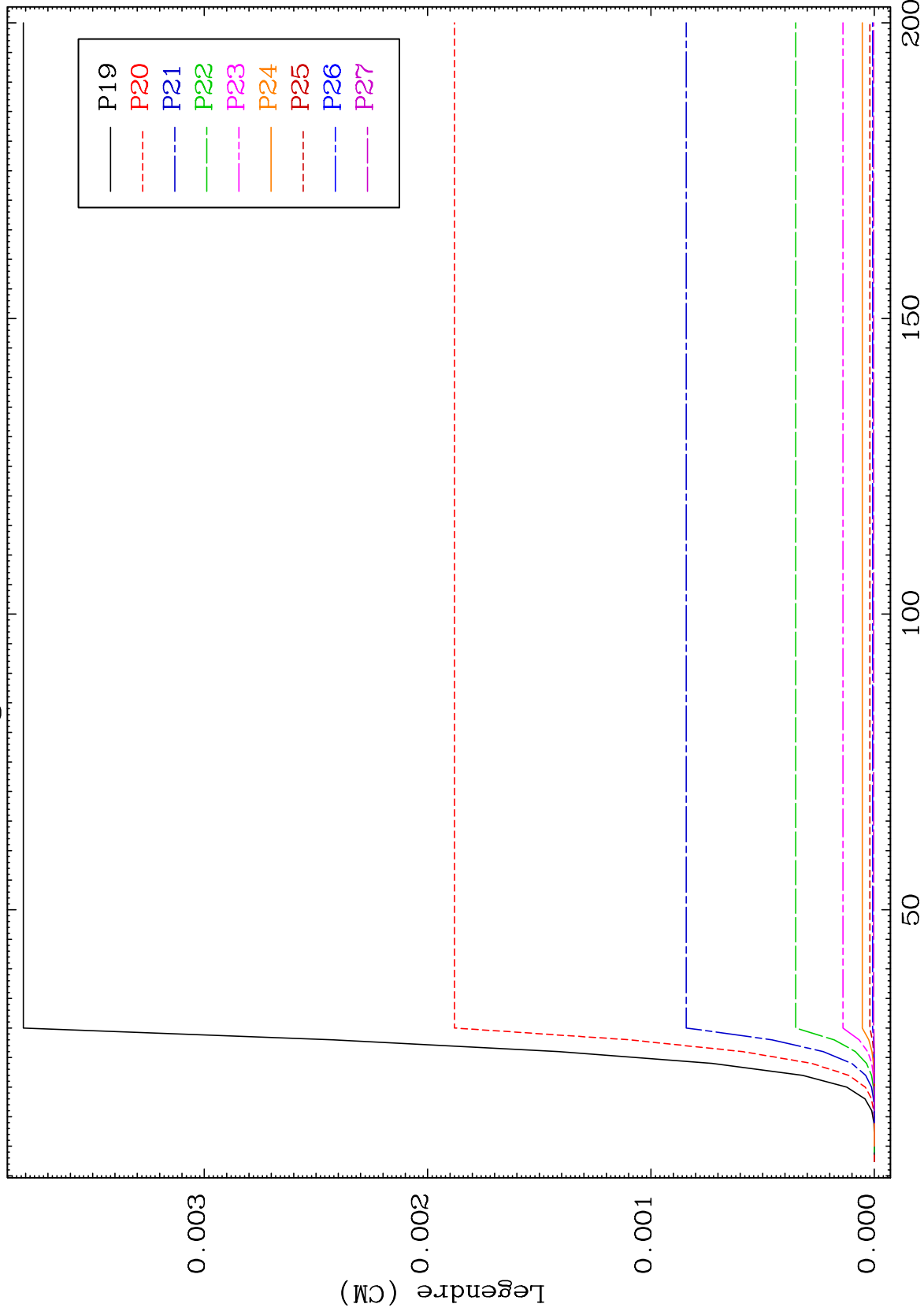




MAT 3955

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

39-Y -99



79

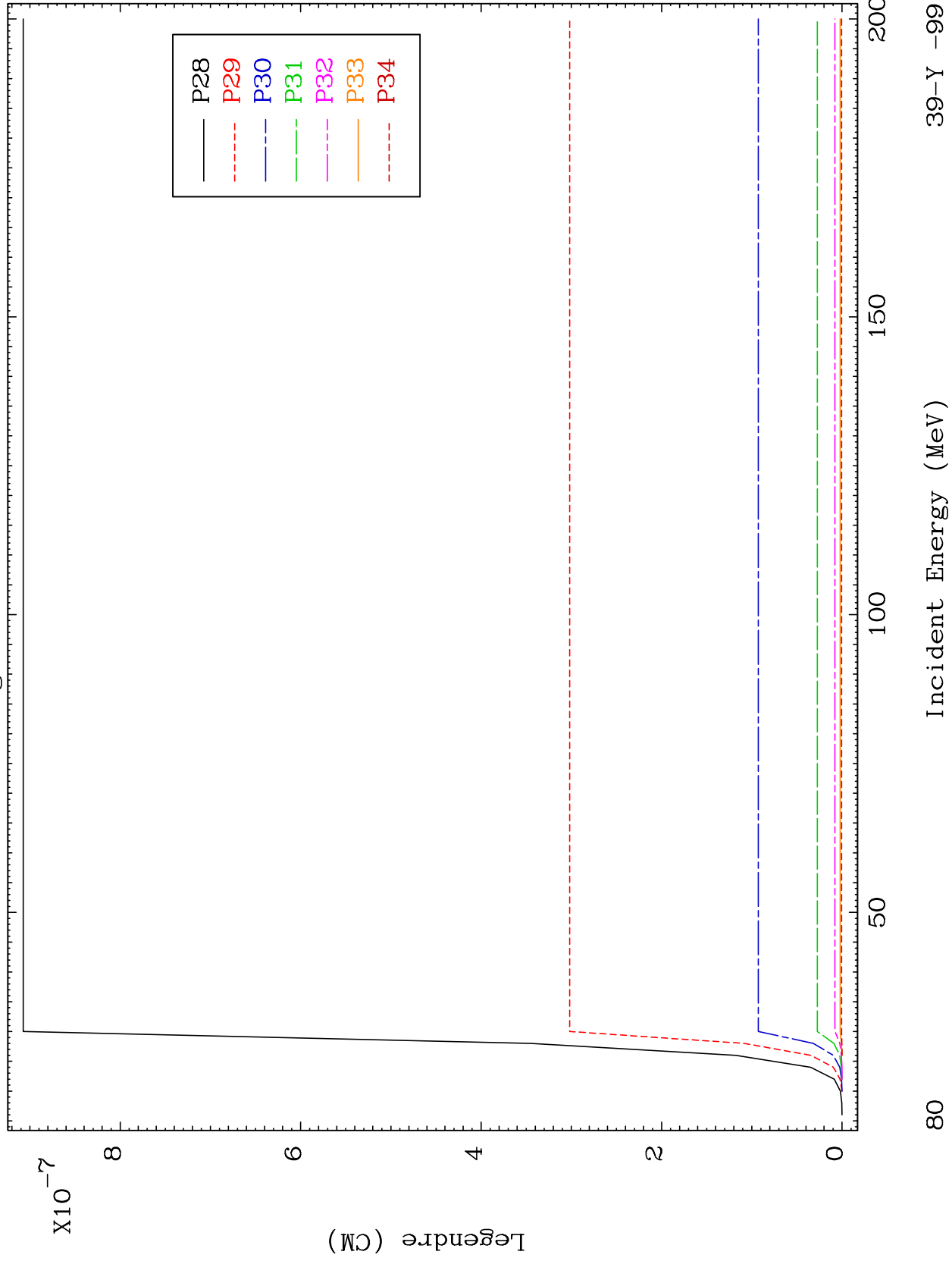
Incident Energy (MeV)

39-Y -99

MAT 3955

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

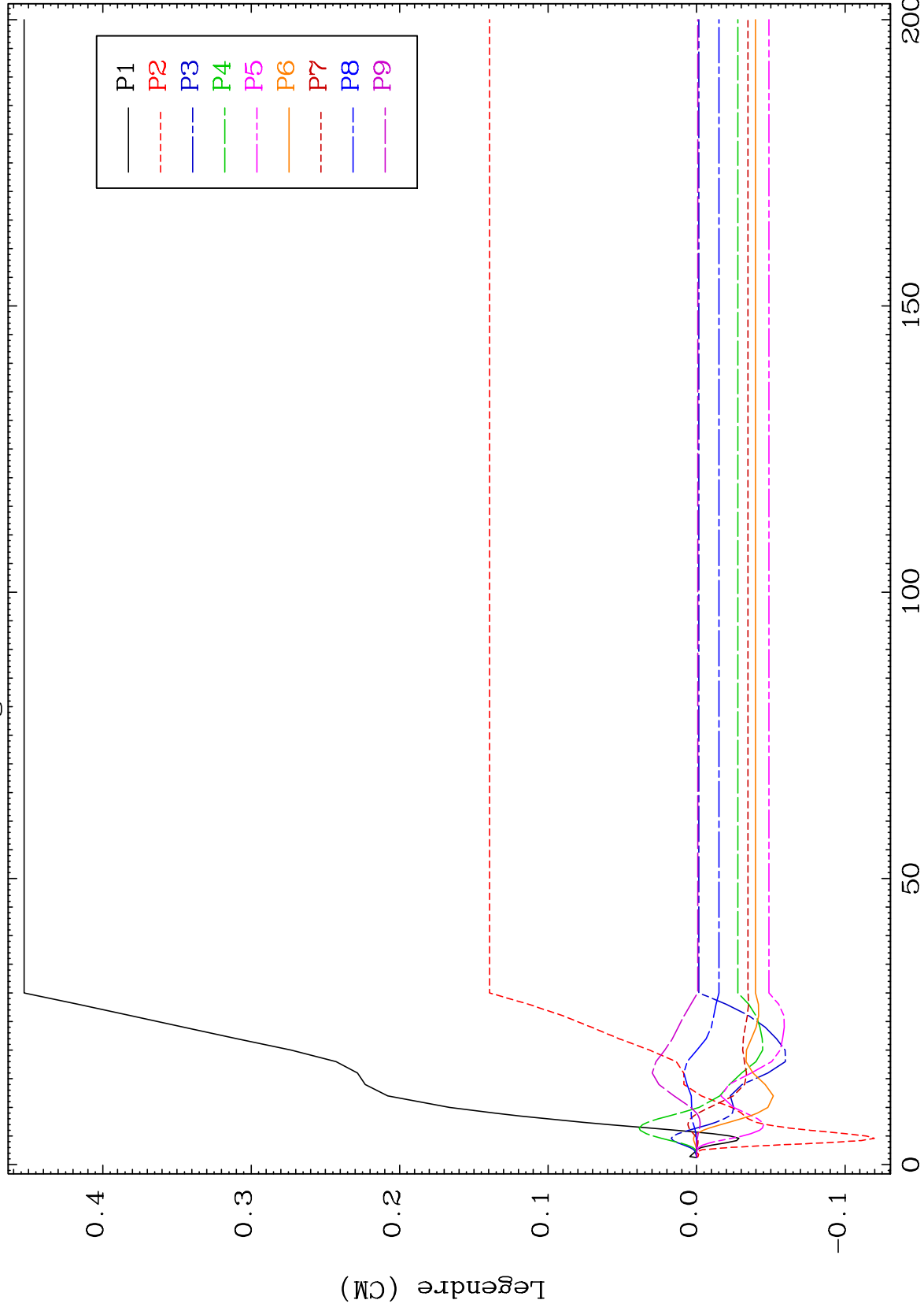
39-Y -99



MAT 3955

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

39-Y -99



81

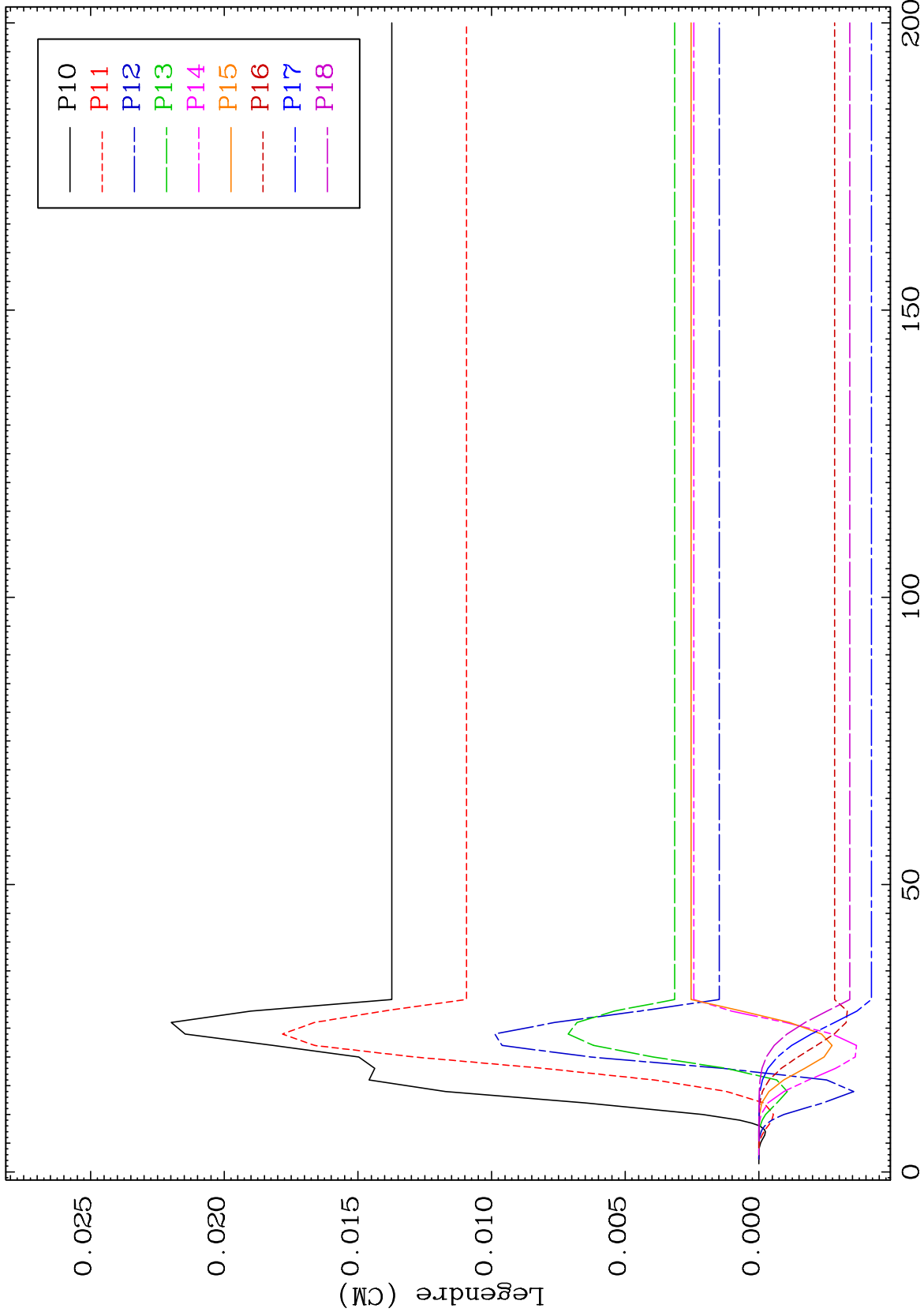
Incident Energy (MeV)

39-Y -99

MAT 3955

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

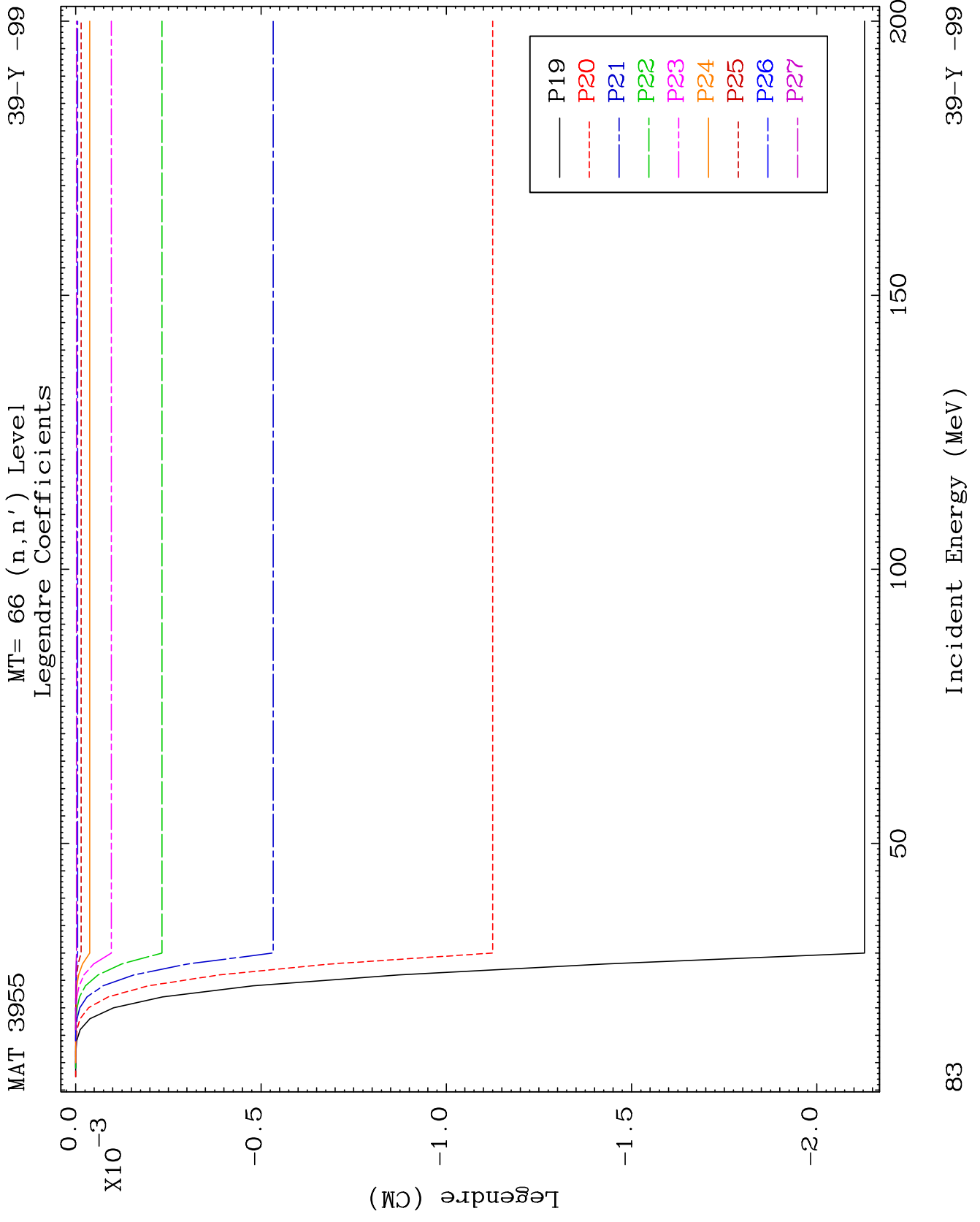
39-Y -99

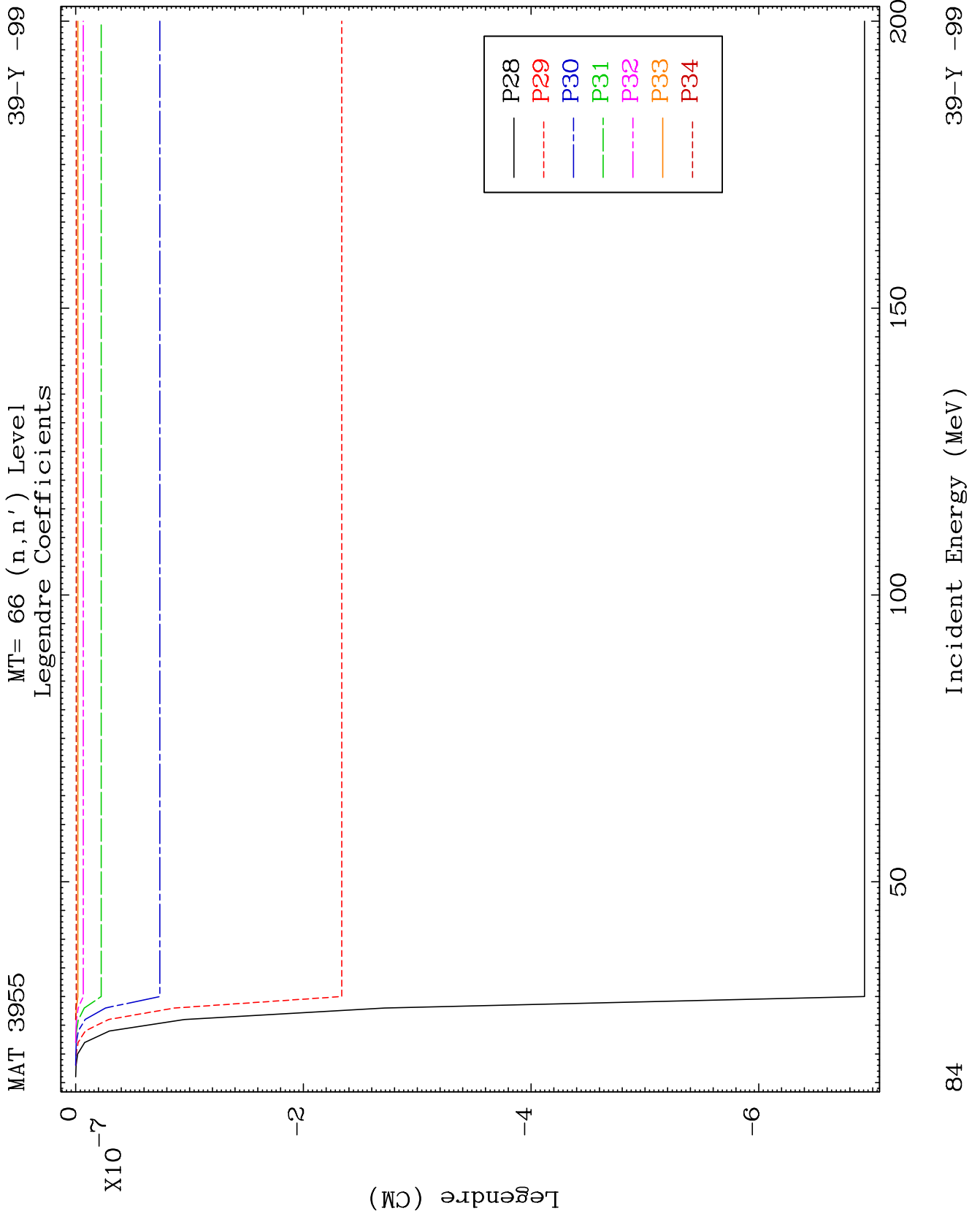


82

Incident Energy (MeV)

39-Y -99

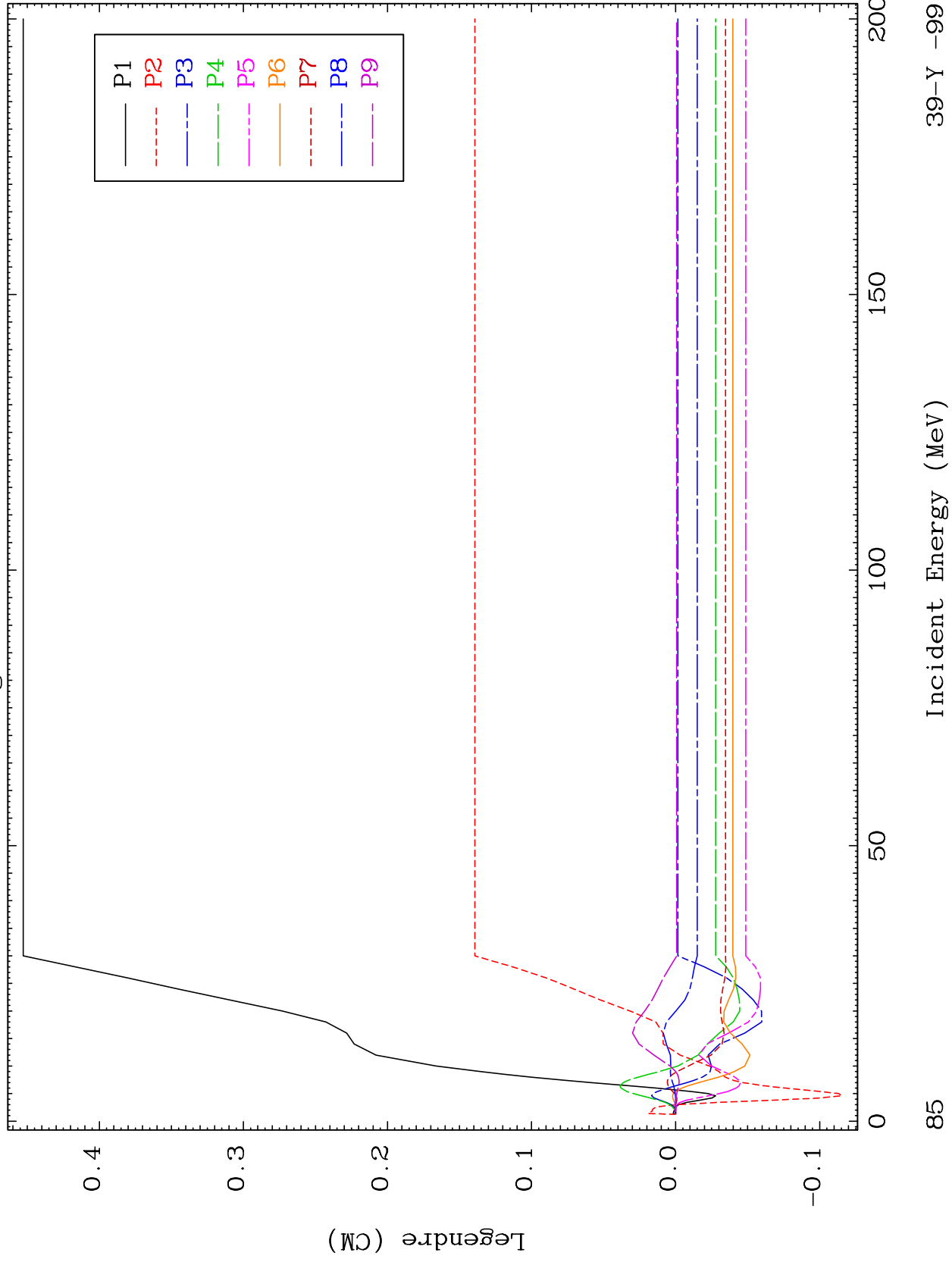




MAT 3955

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

39-Y -99



39-Y -99

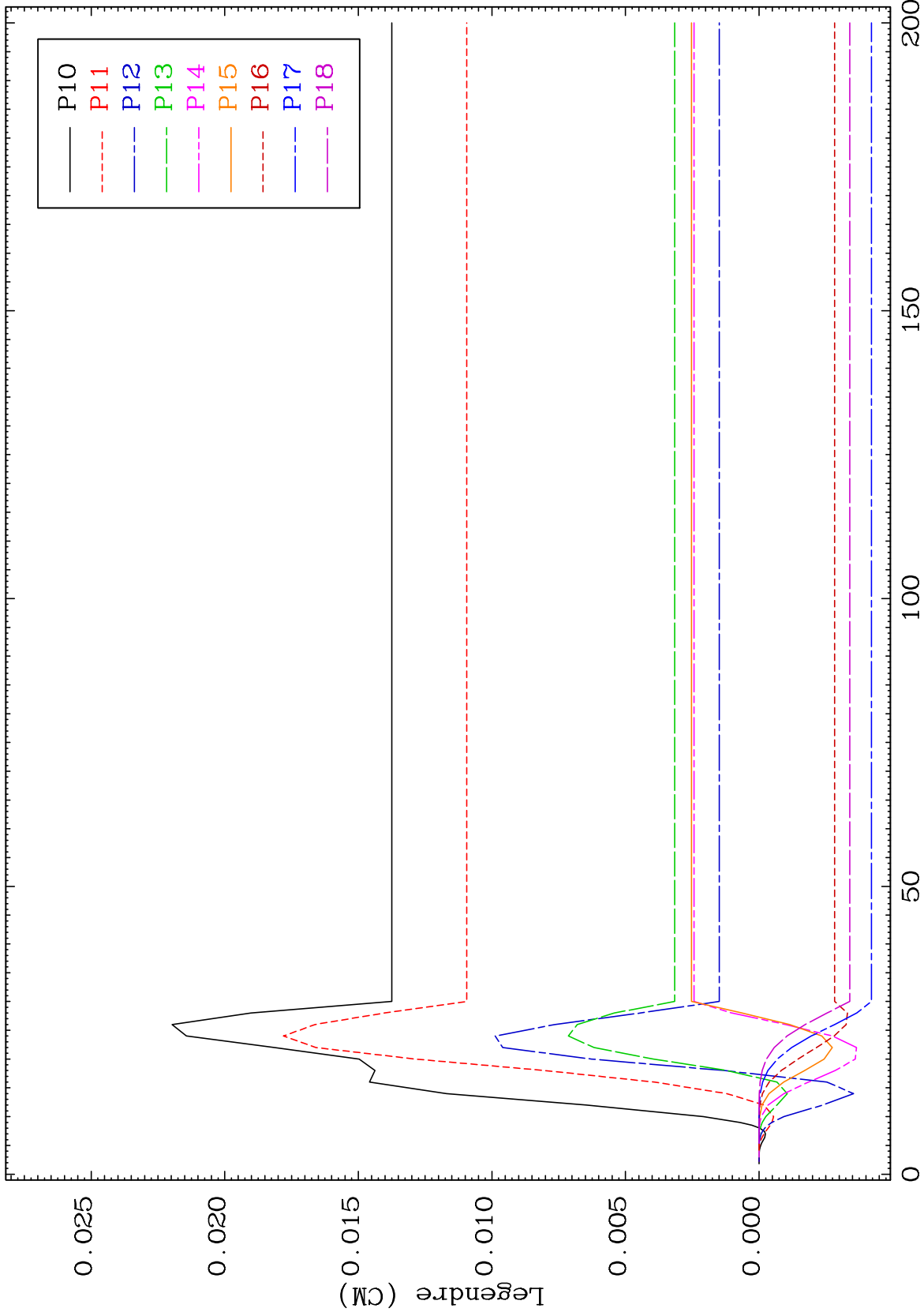
Incident Energy (MeV)

85

MAT 3955

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

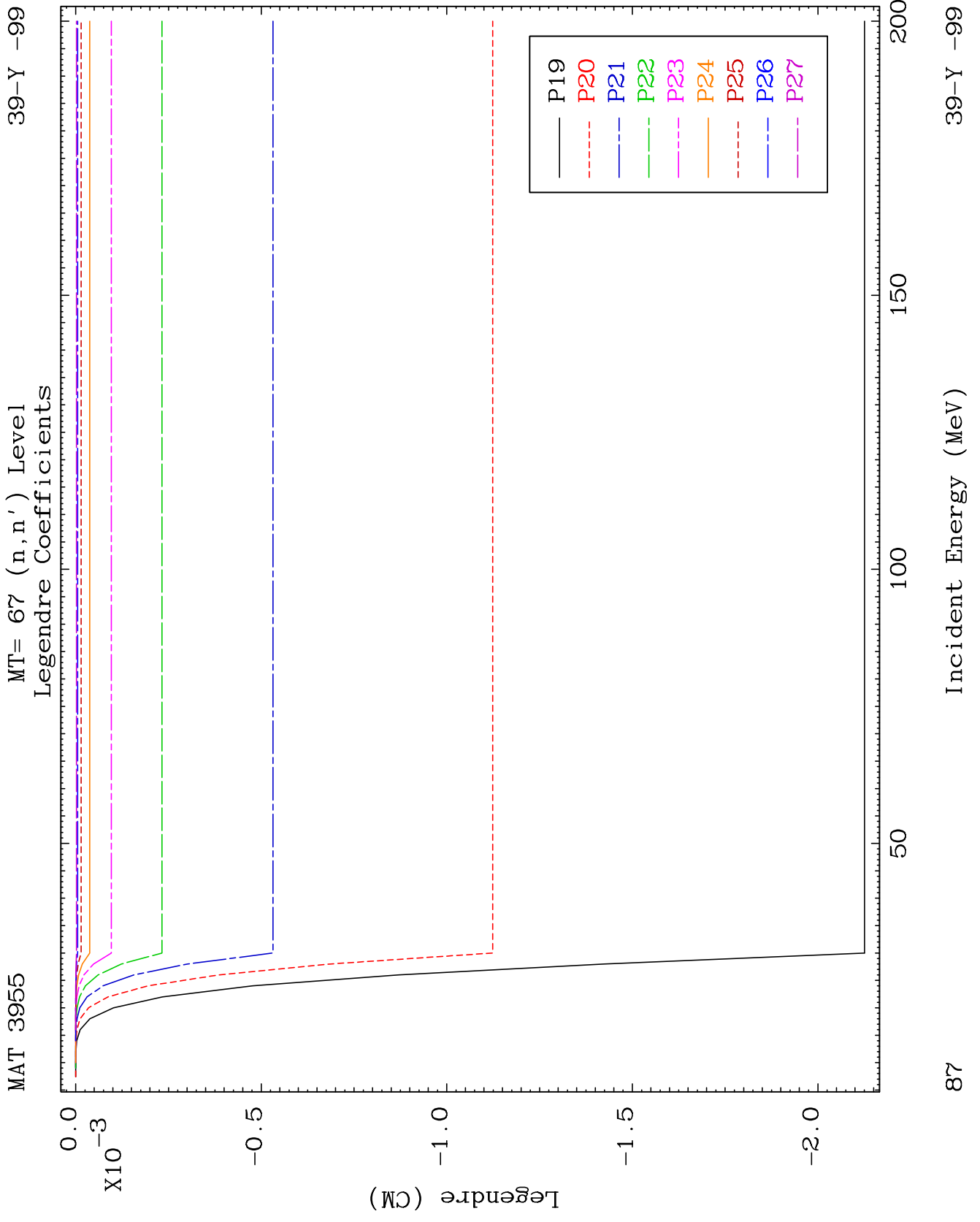
39-Y -99

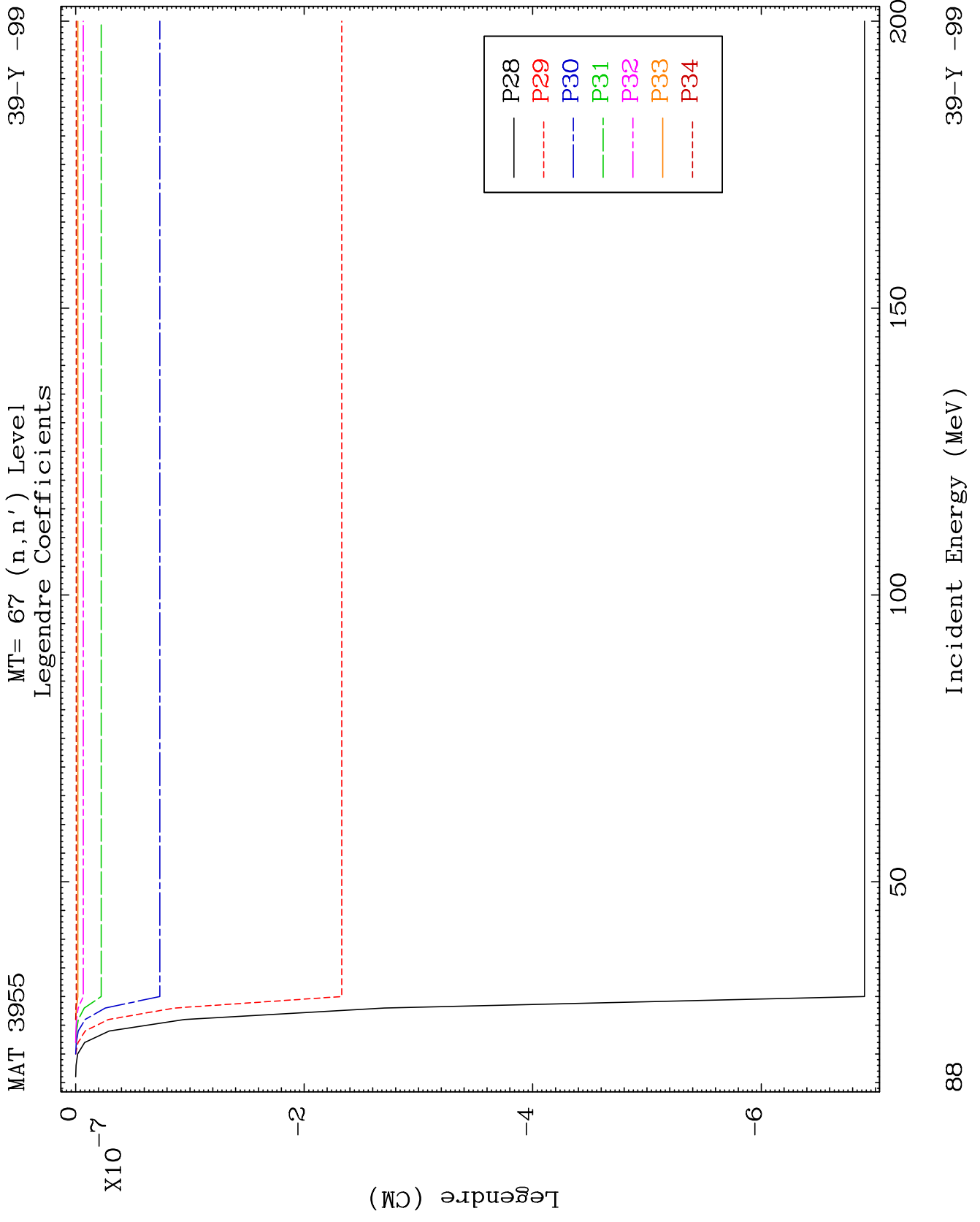


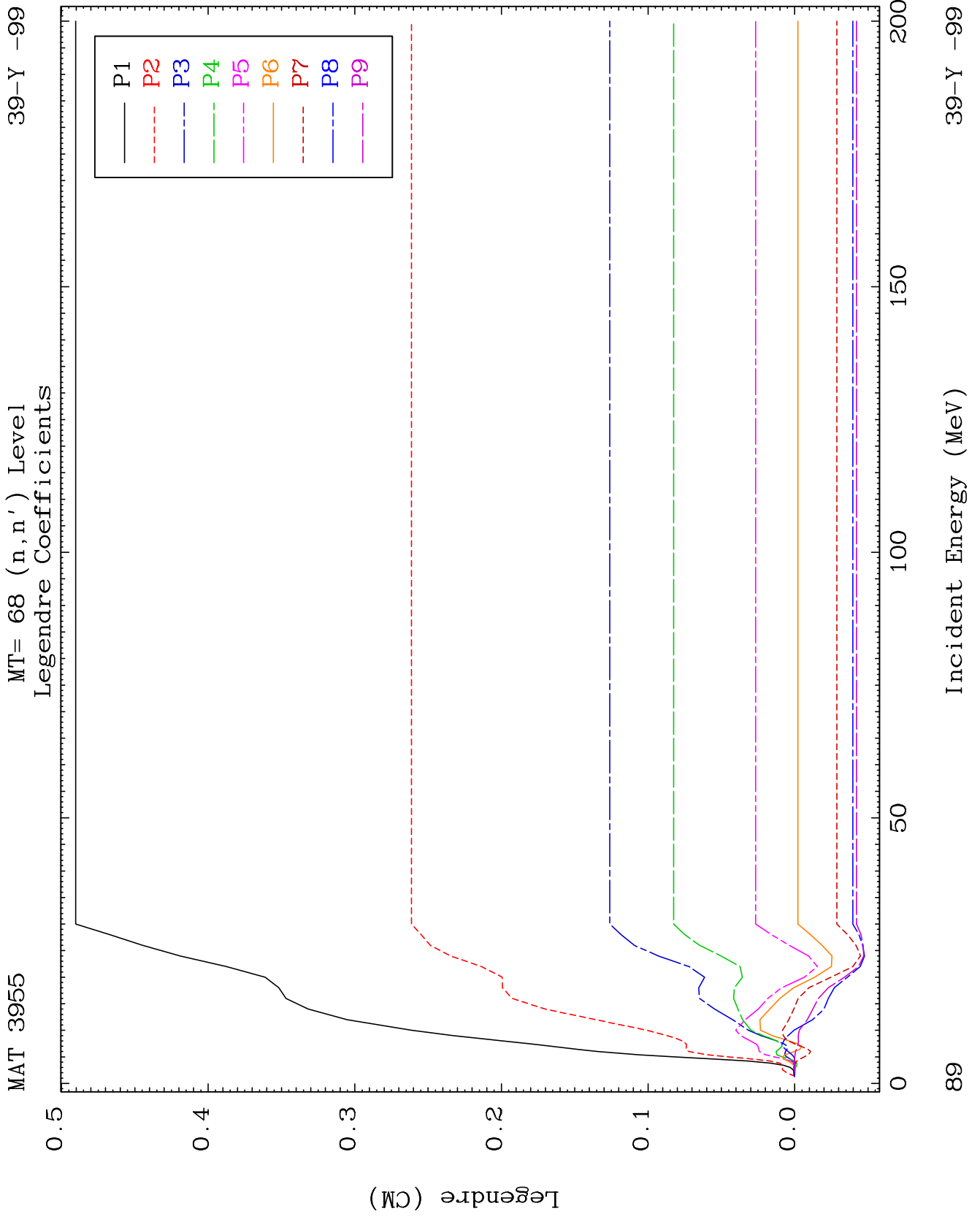
86

Incident Energy (MeV)

39-Y -99



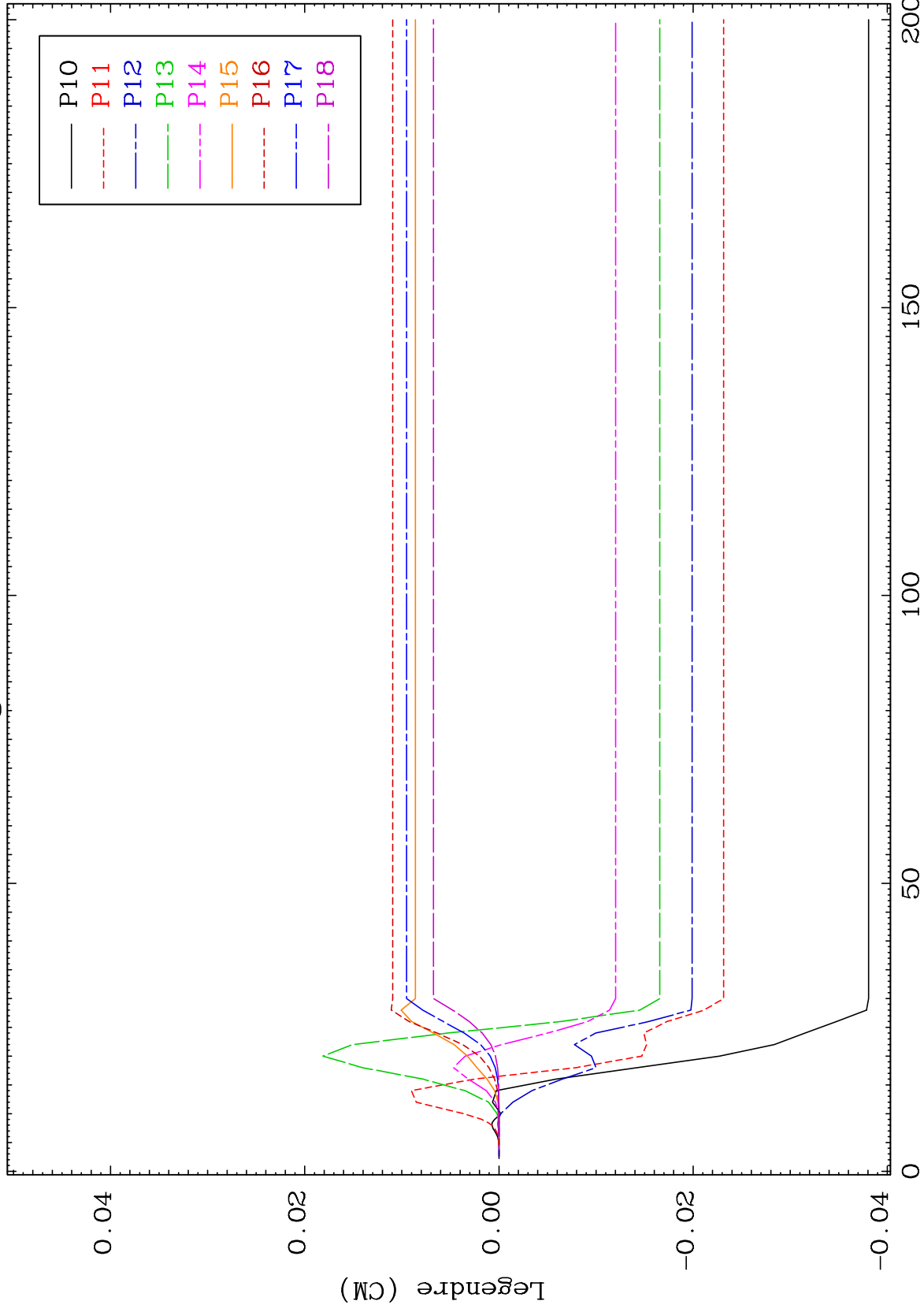




MAT 3955

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

39-Y -99



90

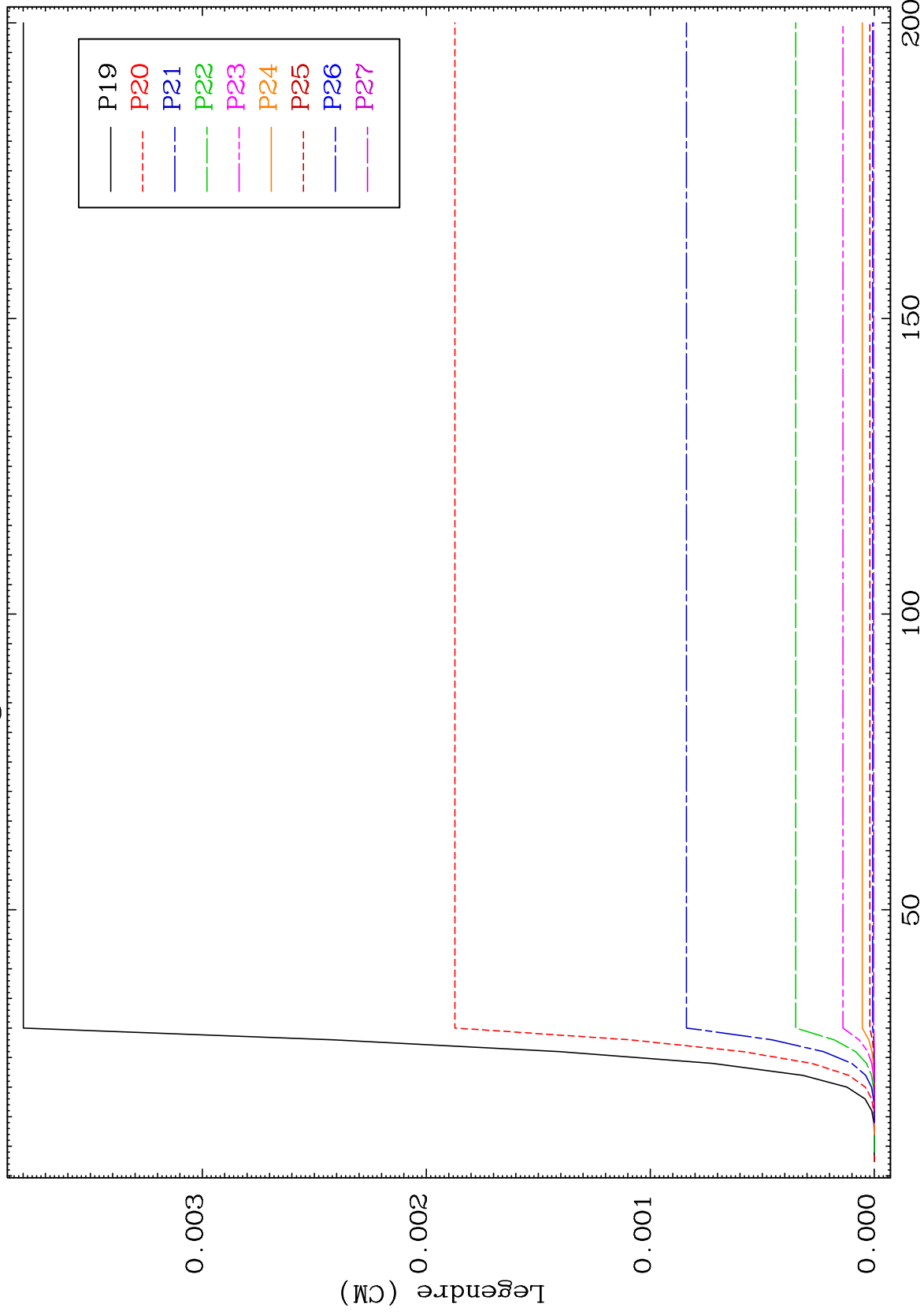
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



91

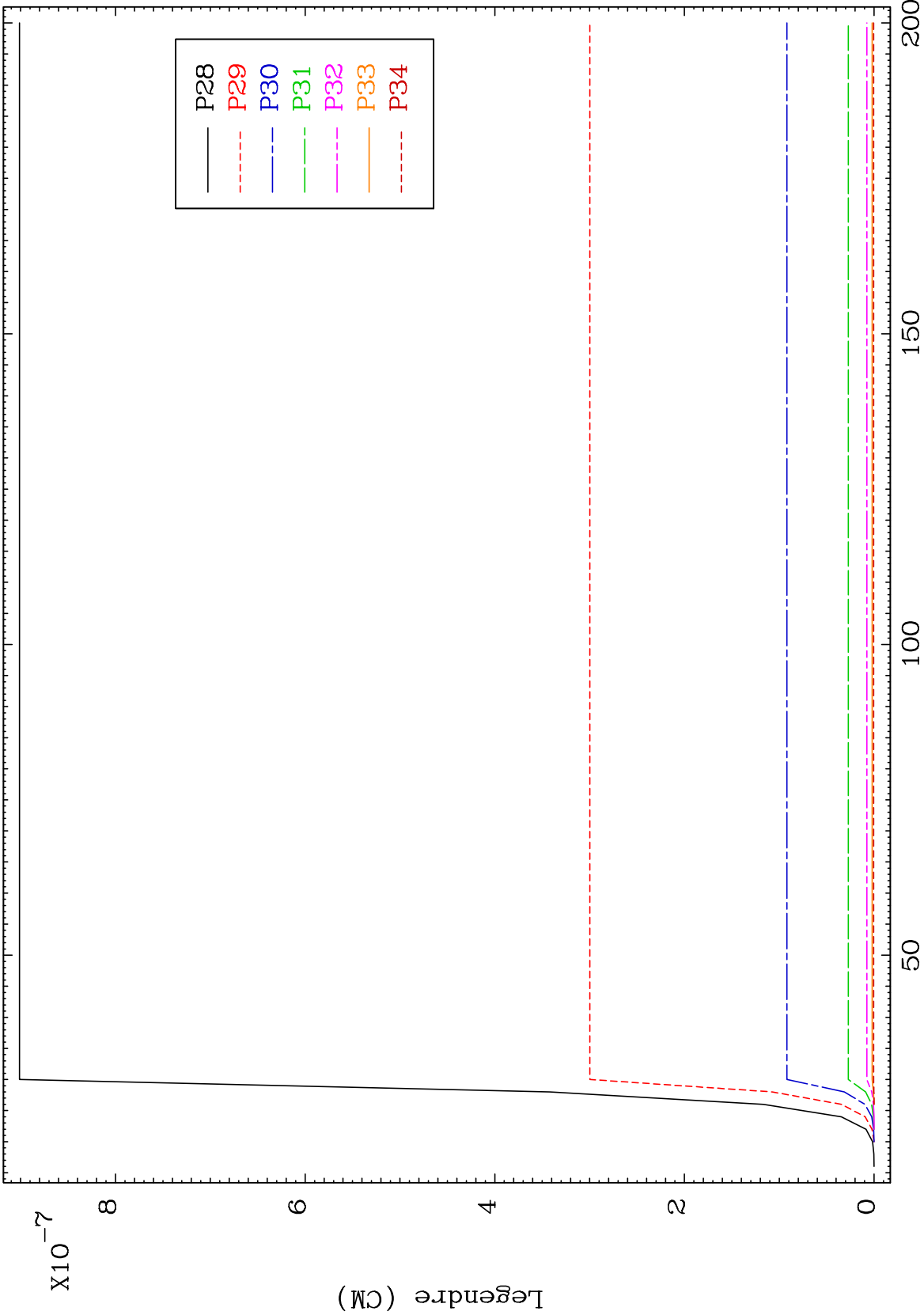
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



92

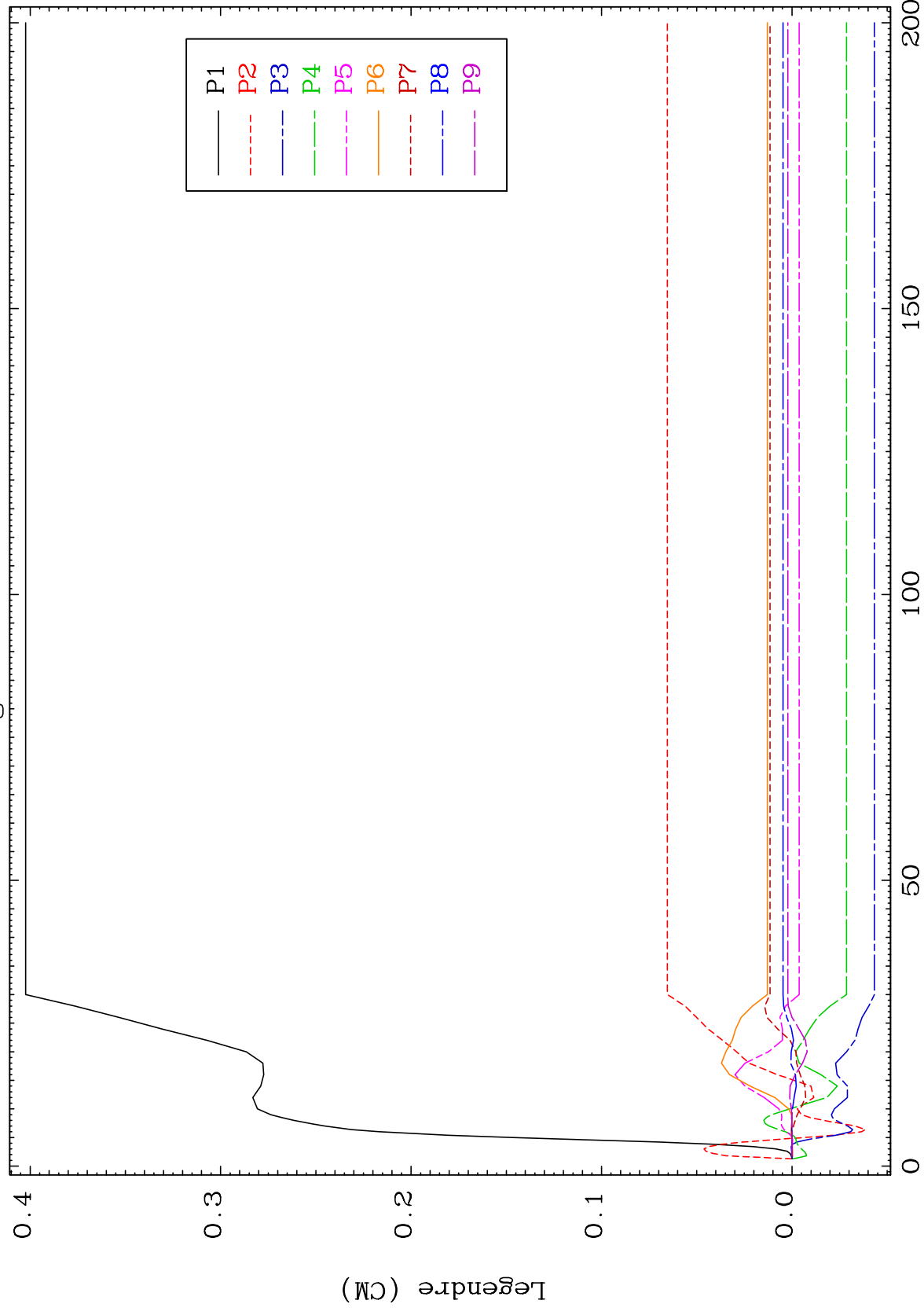
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



93

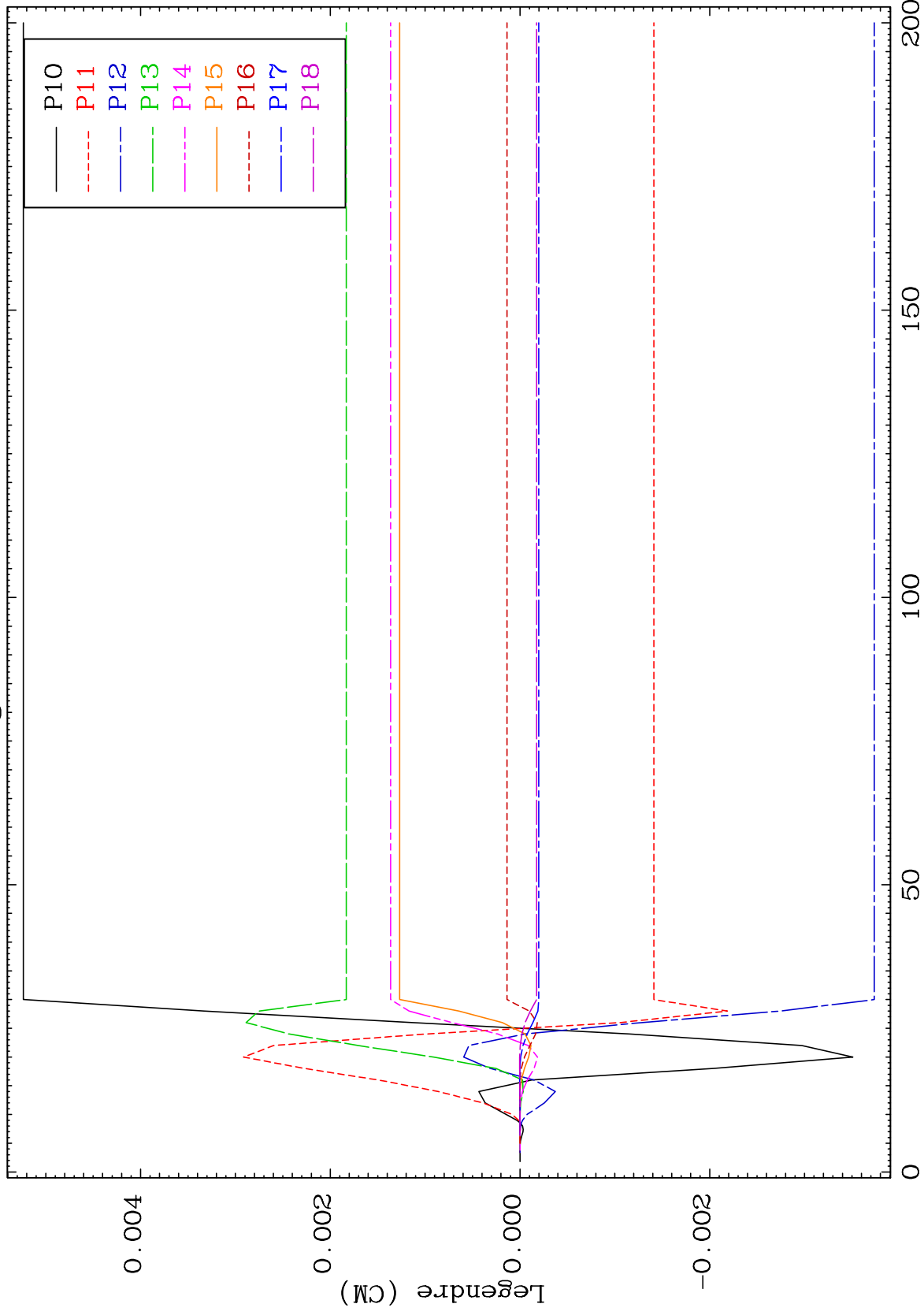
Incident Energy (MeV)

39-Y -99

MAT 3955

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

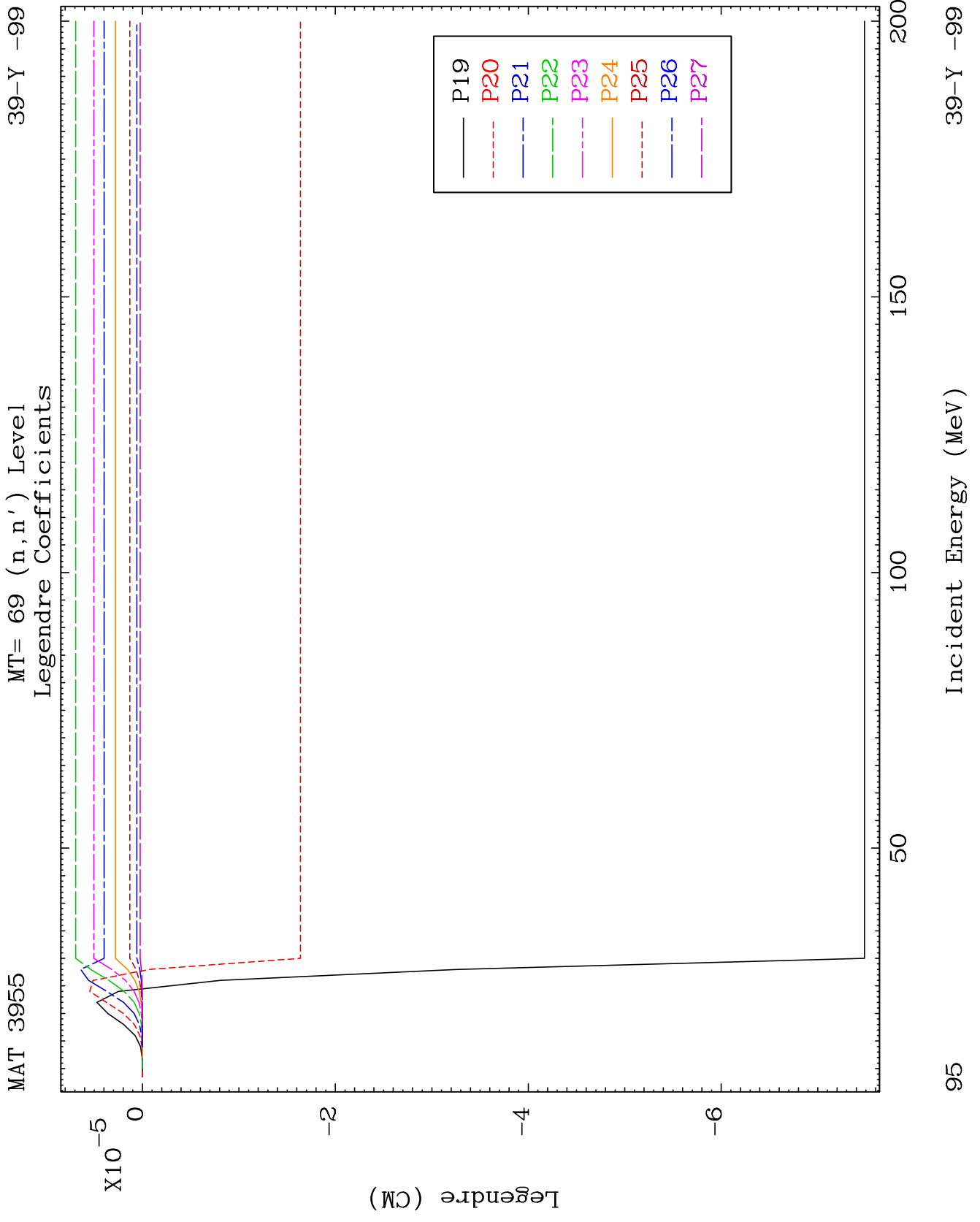
39-Y -99

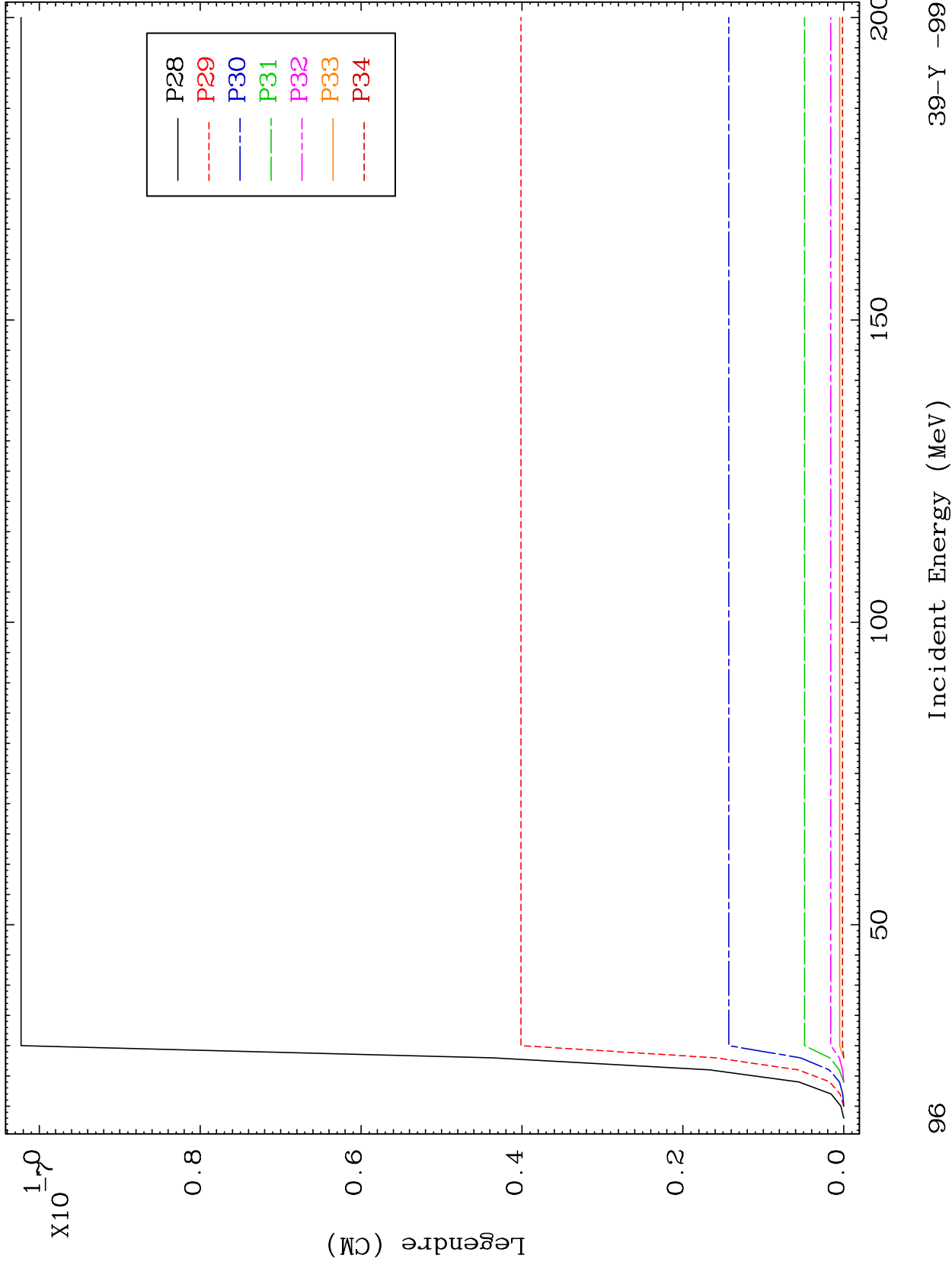


94

Incident Energy (MeV)

39-Y -99

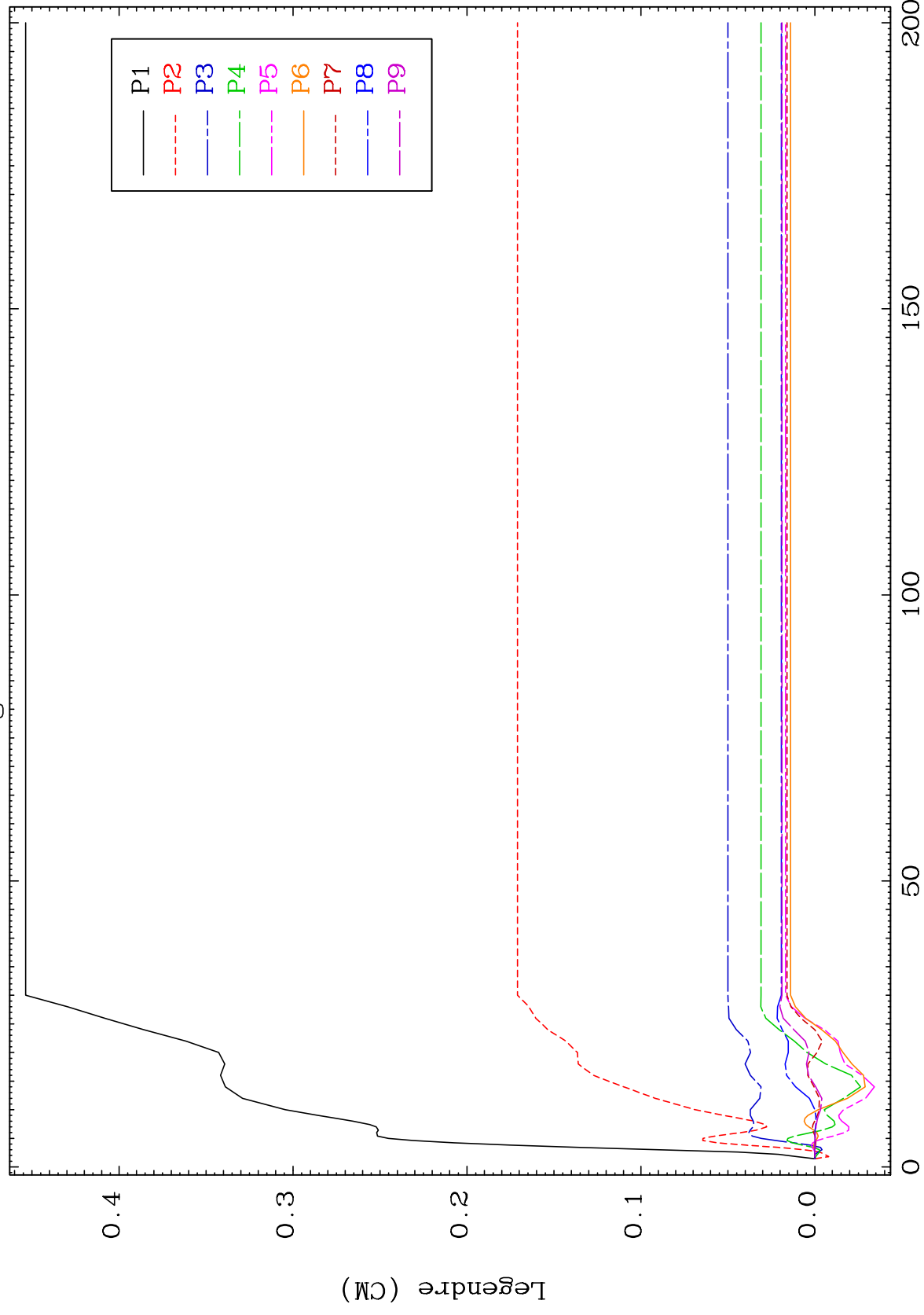




MAT 3955

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

39-Y -99



97

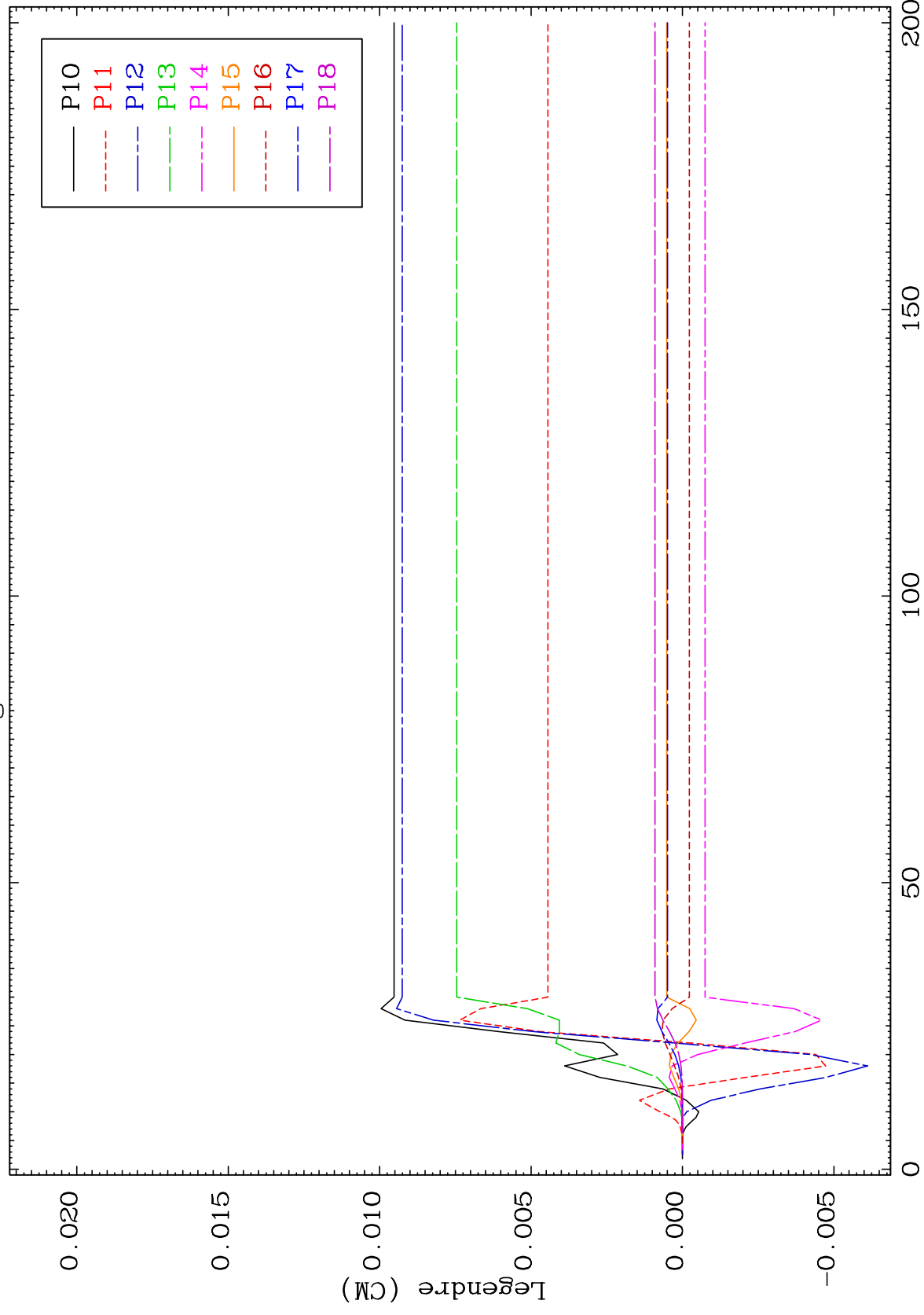
Incident Energy (MeV)

39-Y -99

MAT 3955

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

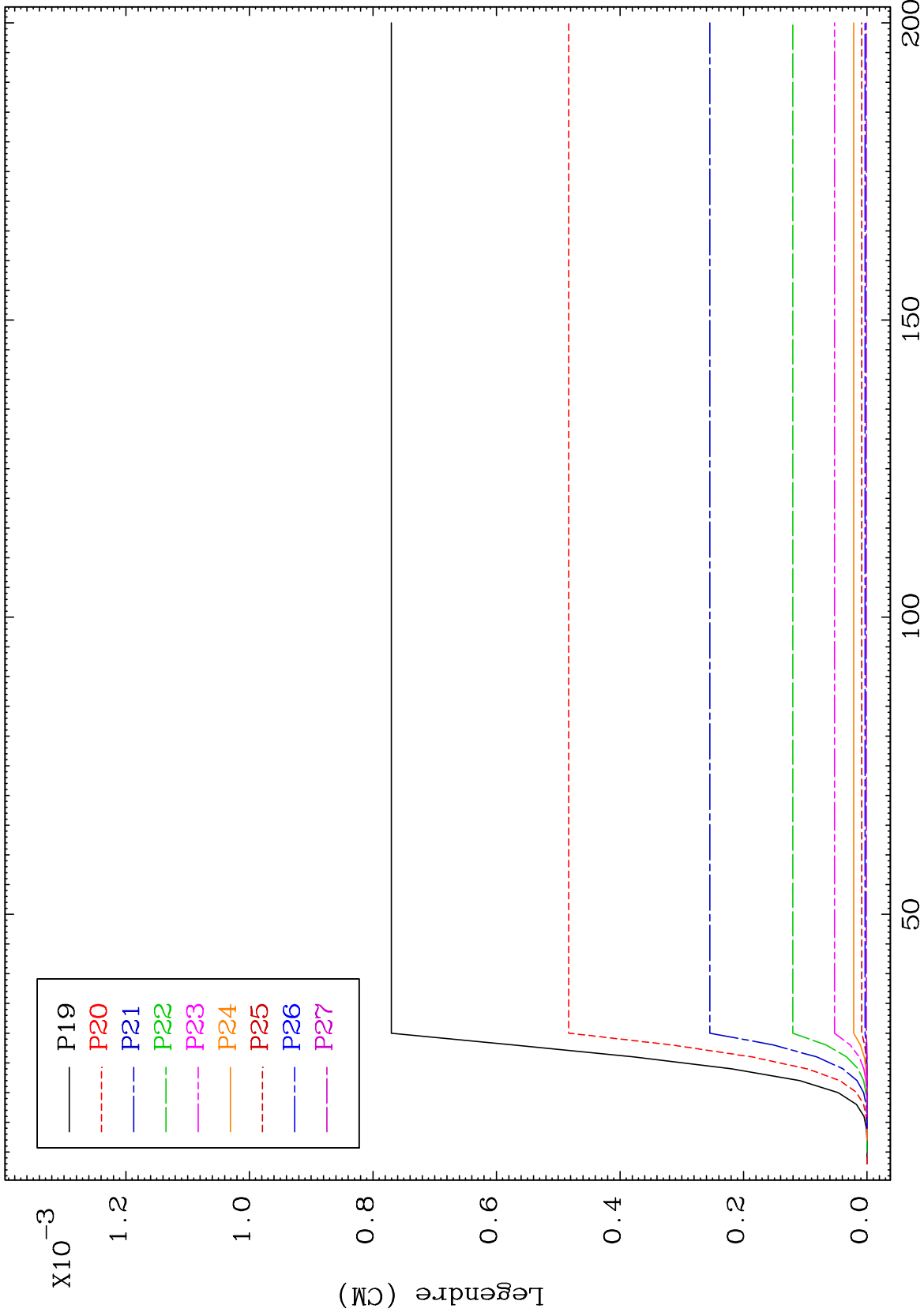
39-Y -99



98

Incident Energy (MeV)

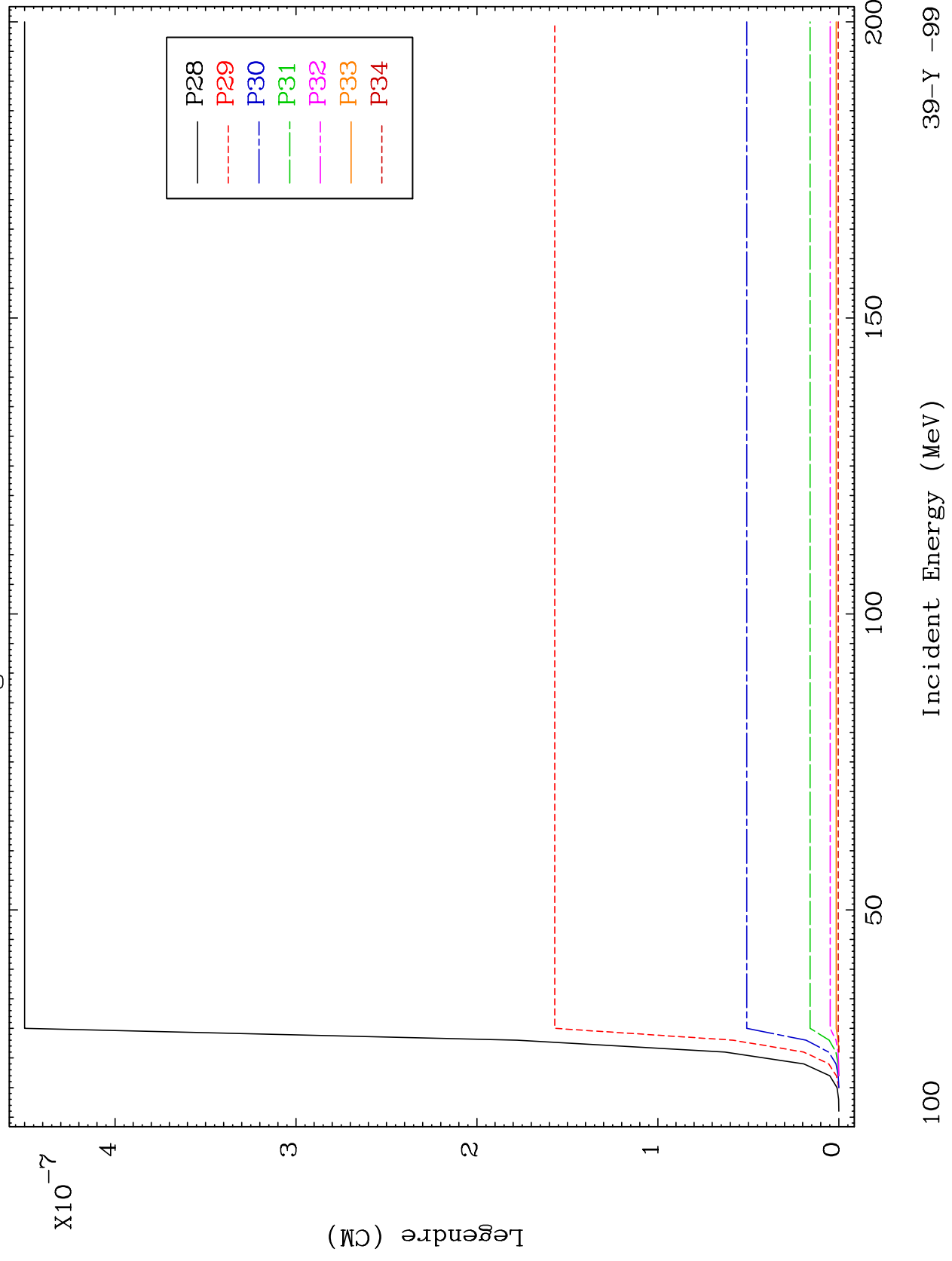
39-Y -99



MAT 3955

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

39-Y -99



100

50

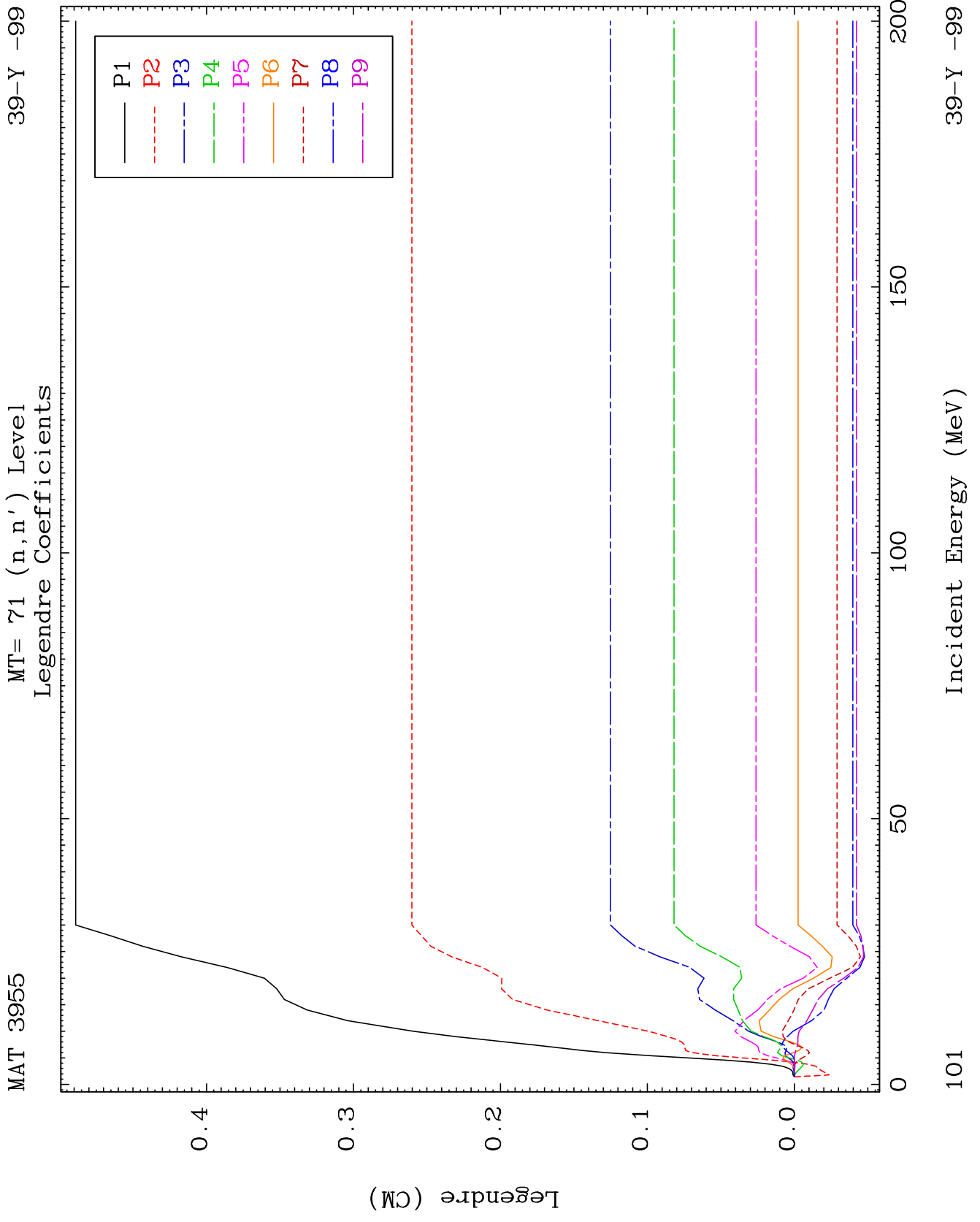
100

150

200

Incident Energy (MeV)

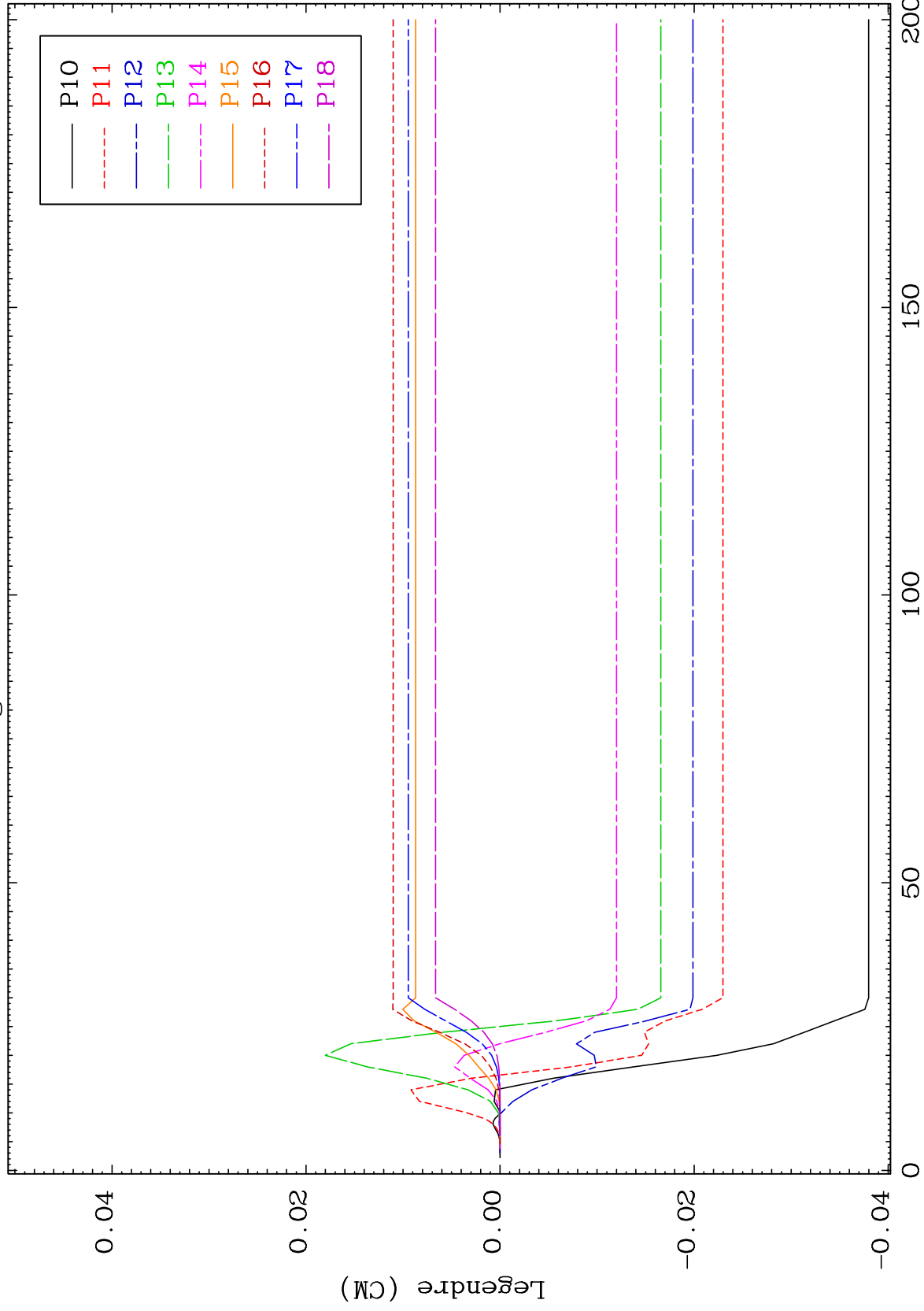
39-Y -99



MAT 3955

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

39-Y -99



102

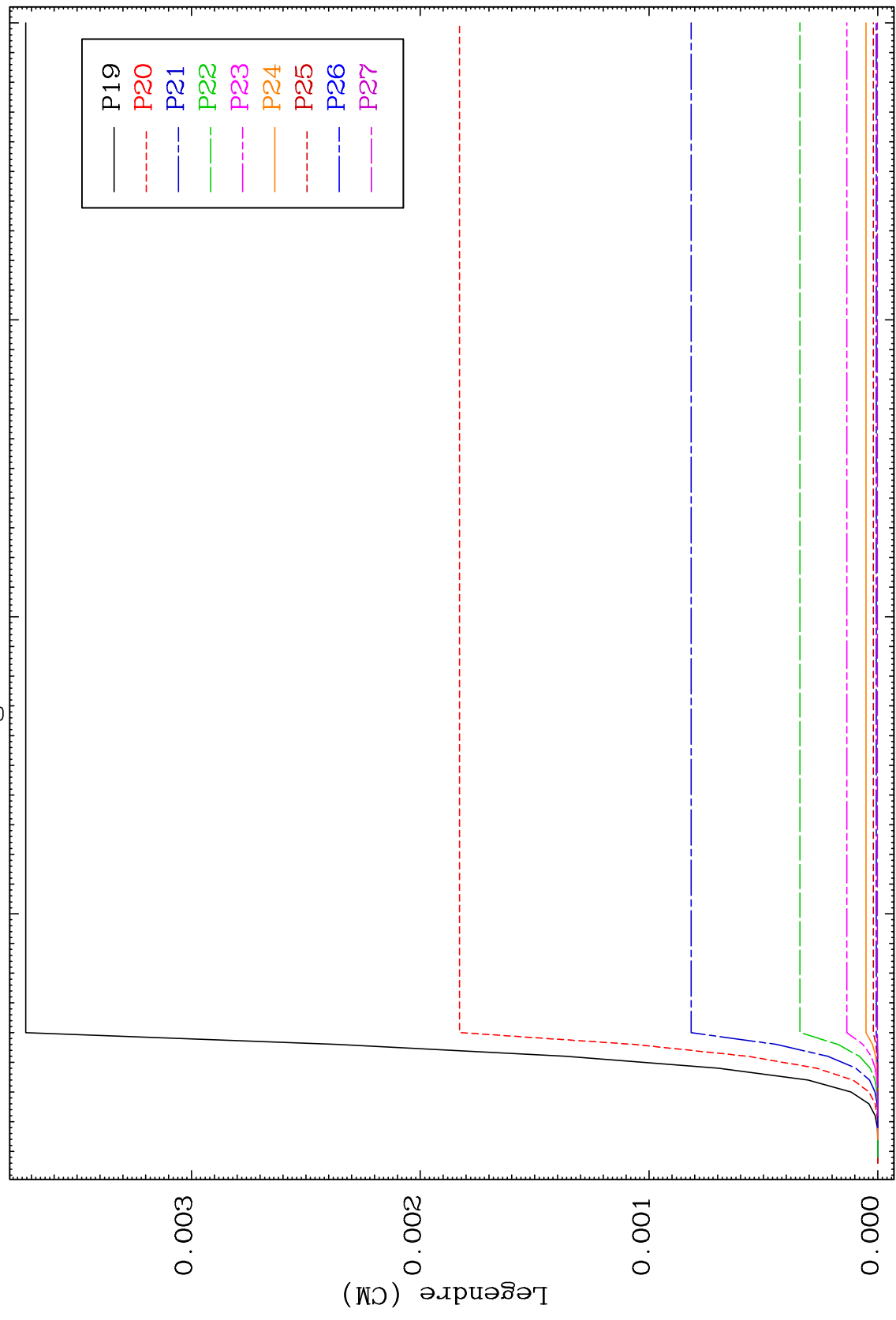
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



103

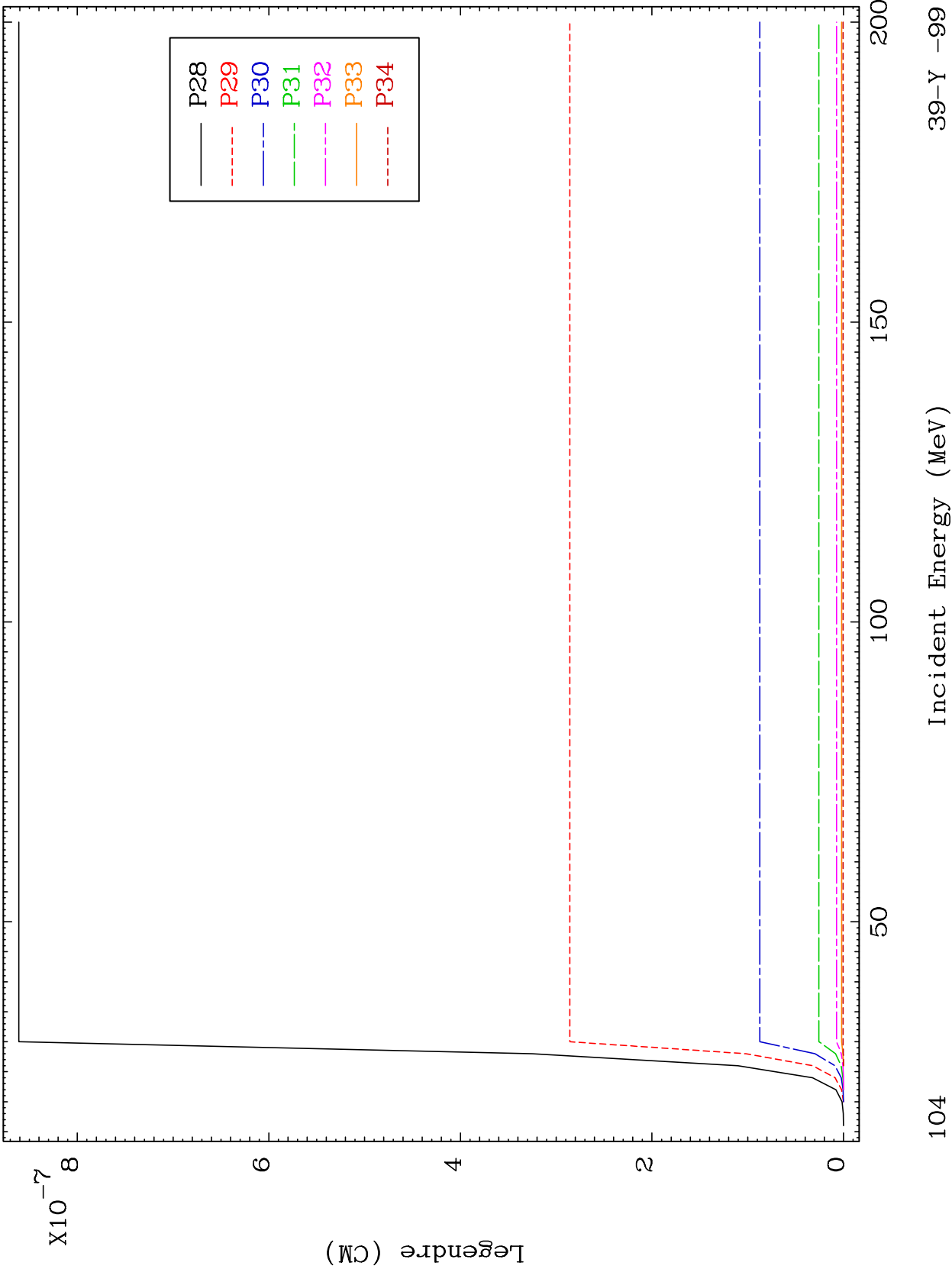
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



104

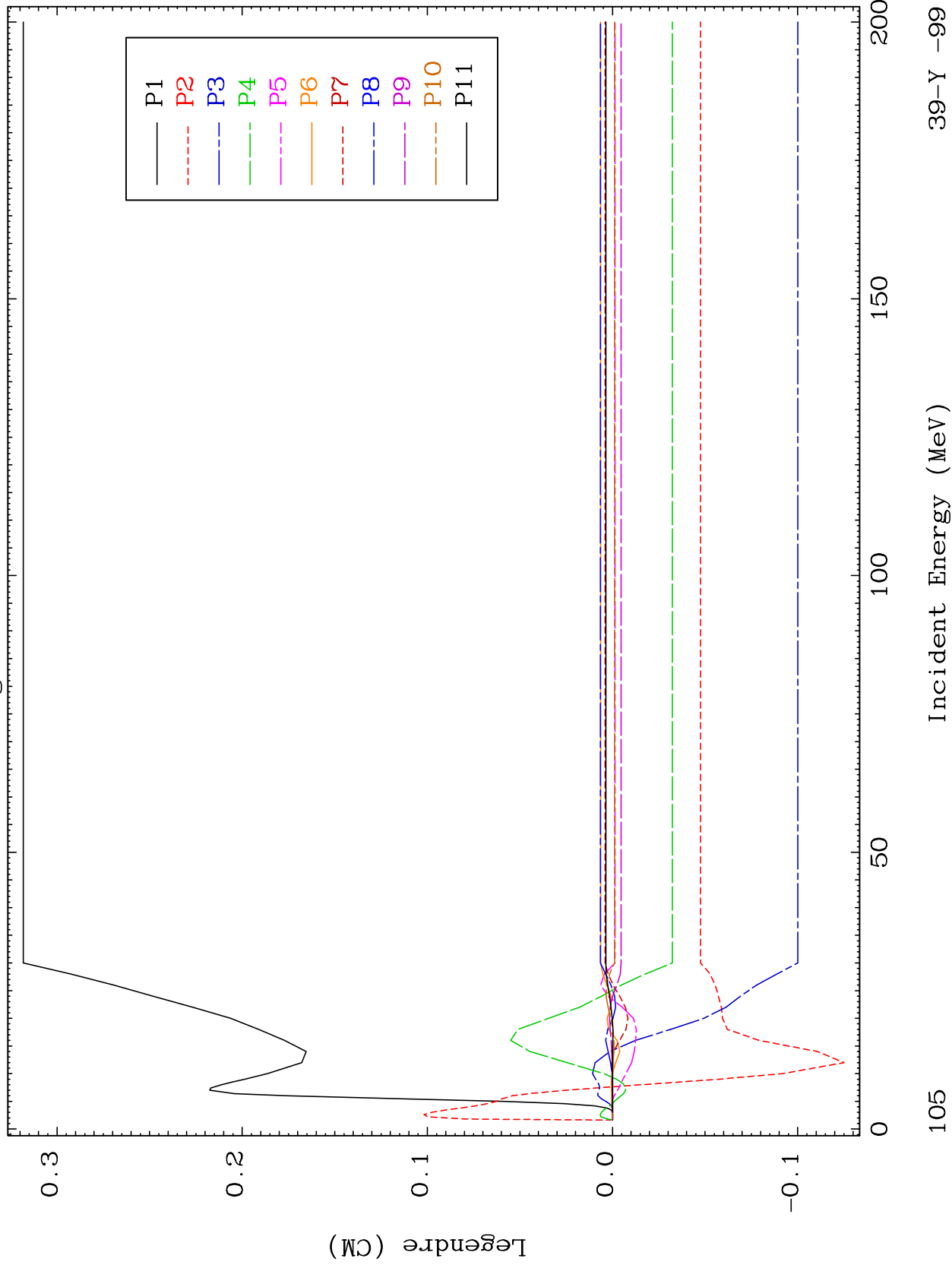
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99

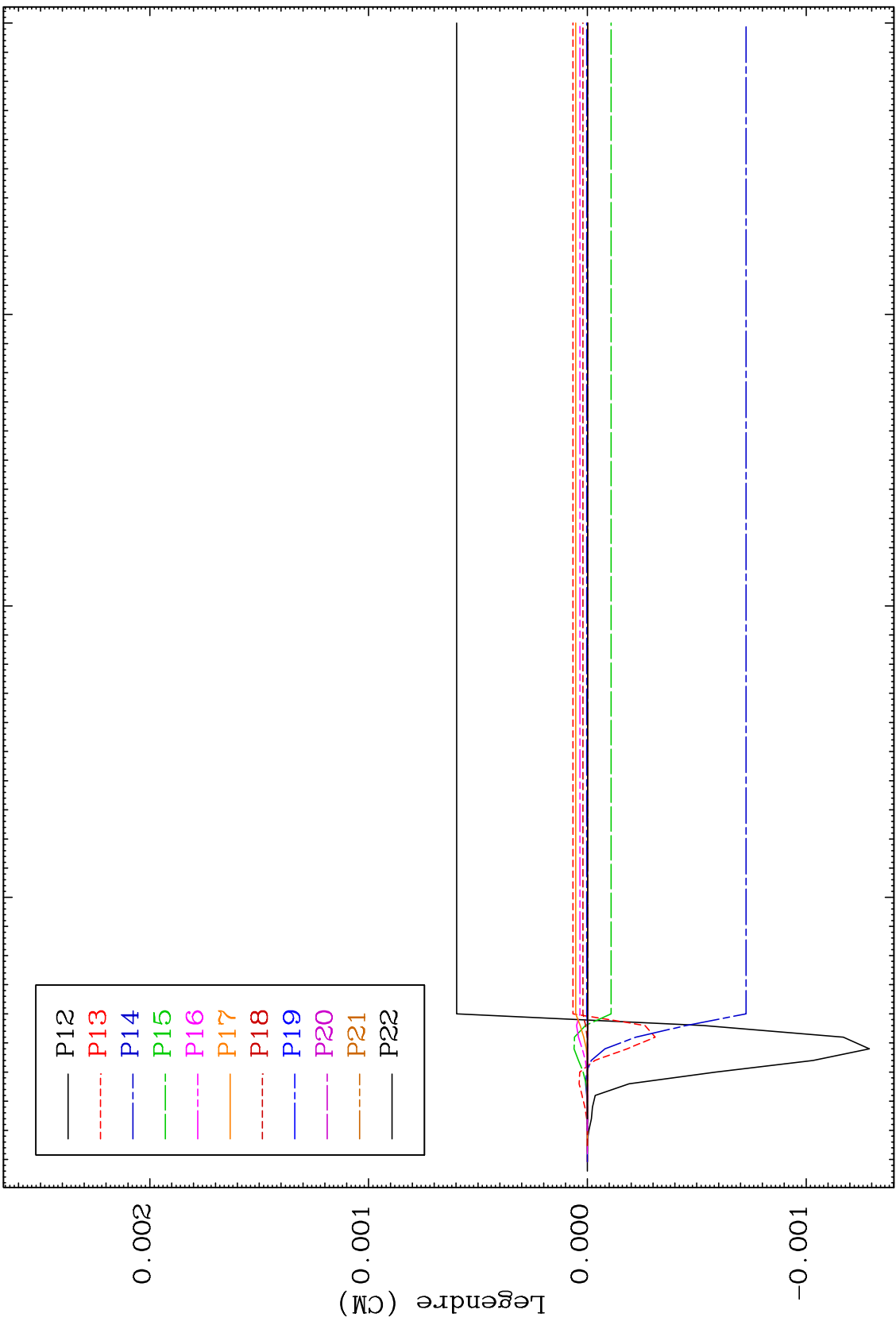


39-Y -99

MAT 3955

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

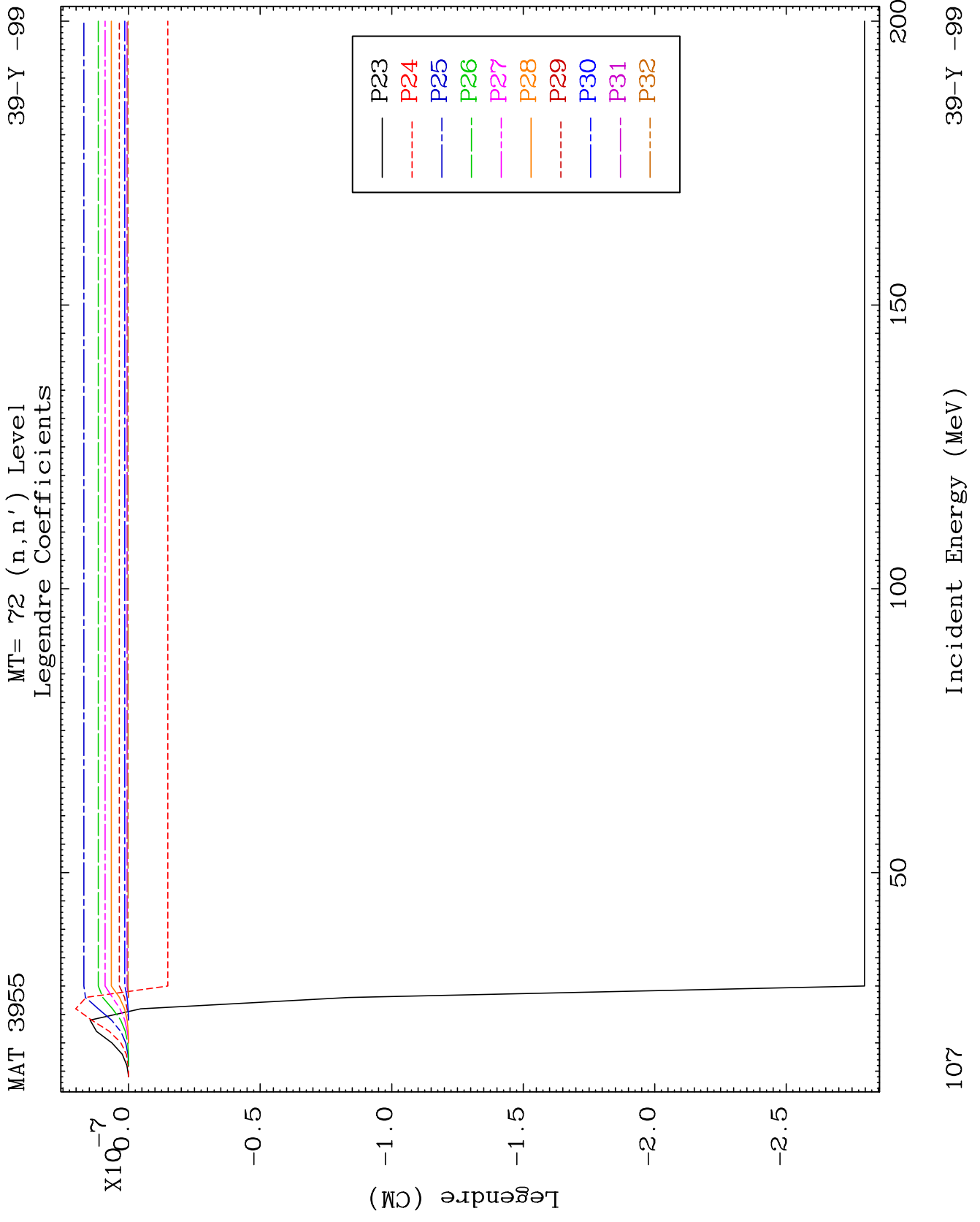
39-Y -99



106

Incident Energy (MeV)

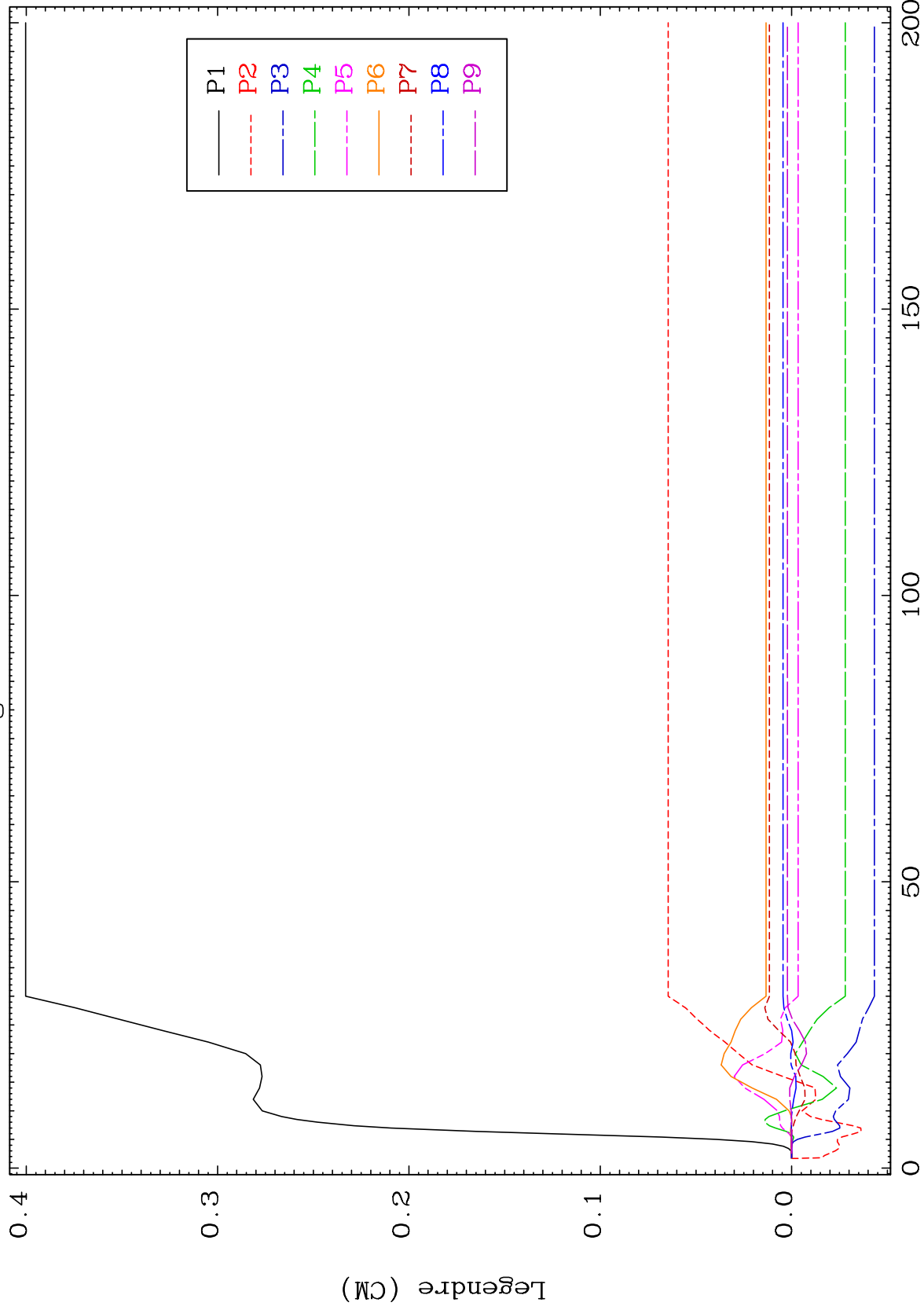
39-Y -99



MAT 3955

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

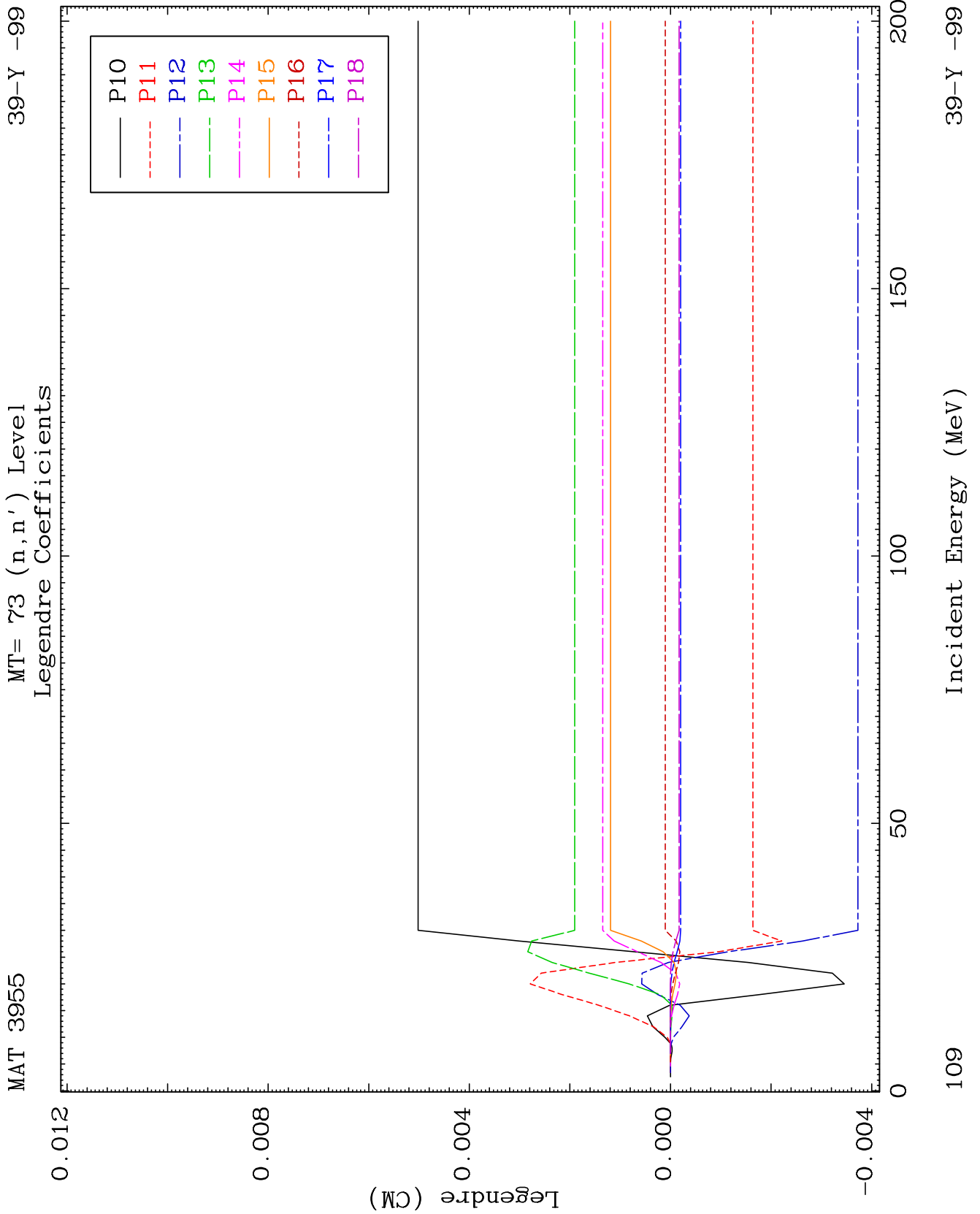
39-Y -99

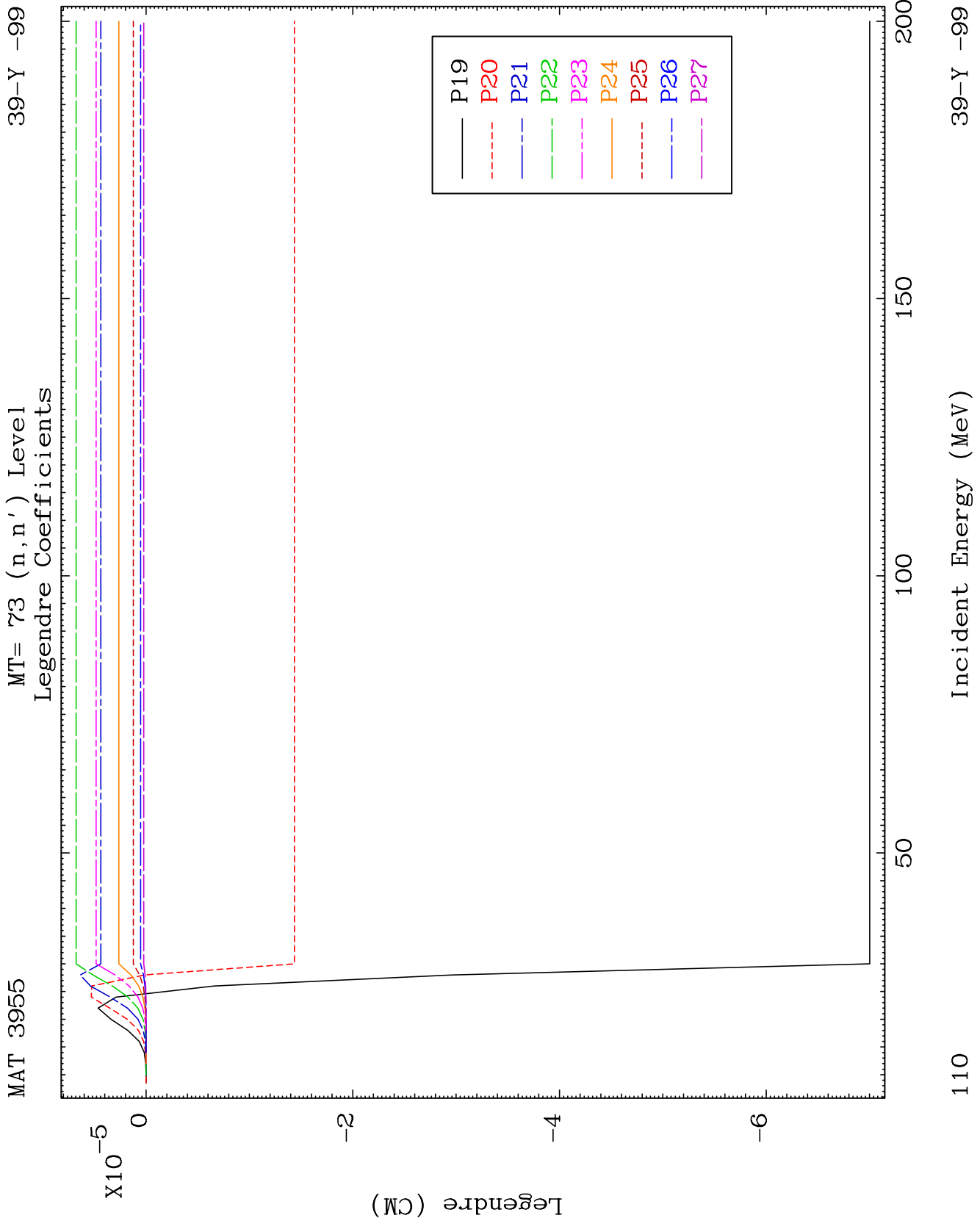


108

Incident Energy (MeV)

39-Y -99

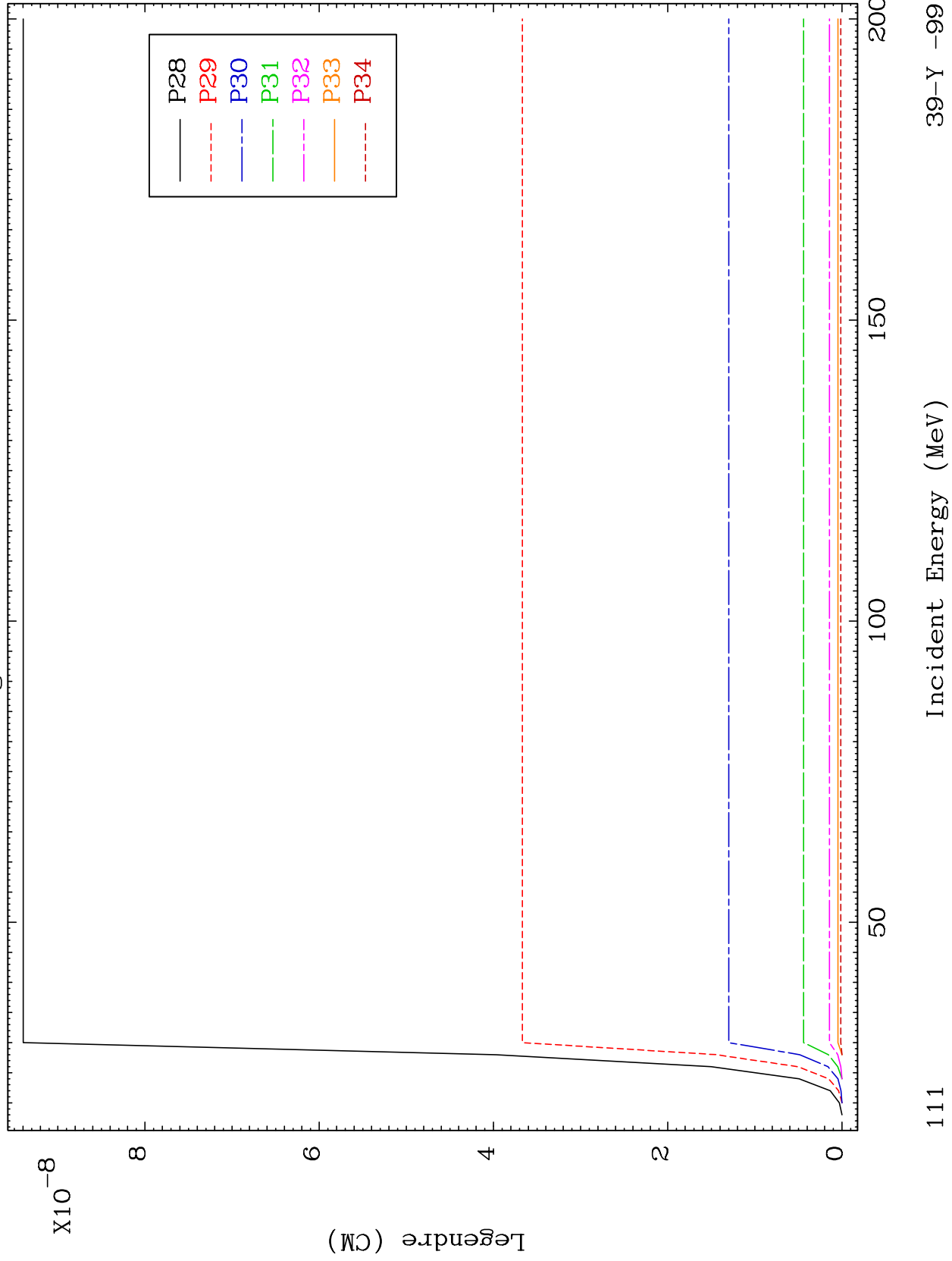


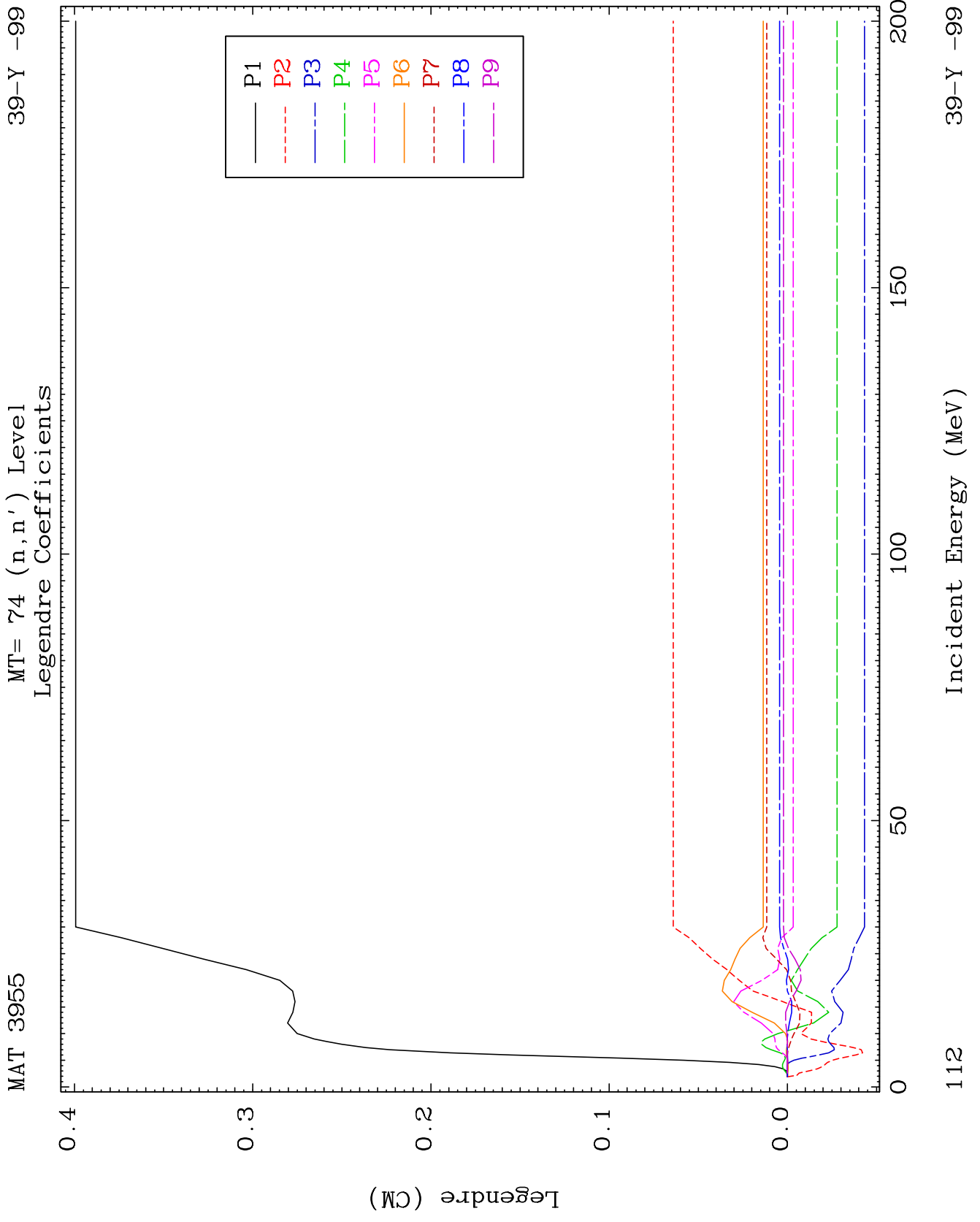


MAT 3955

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

39-Y -99

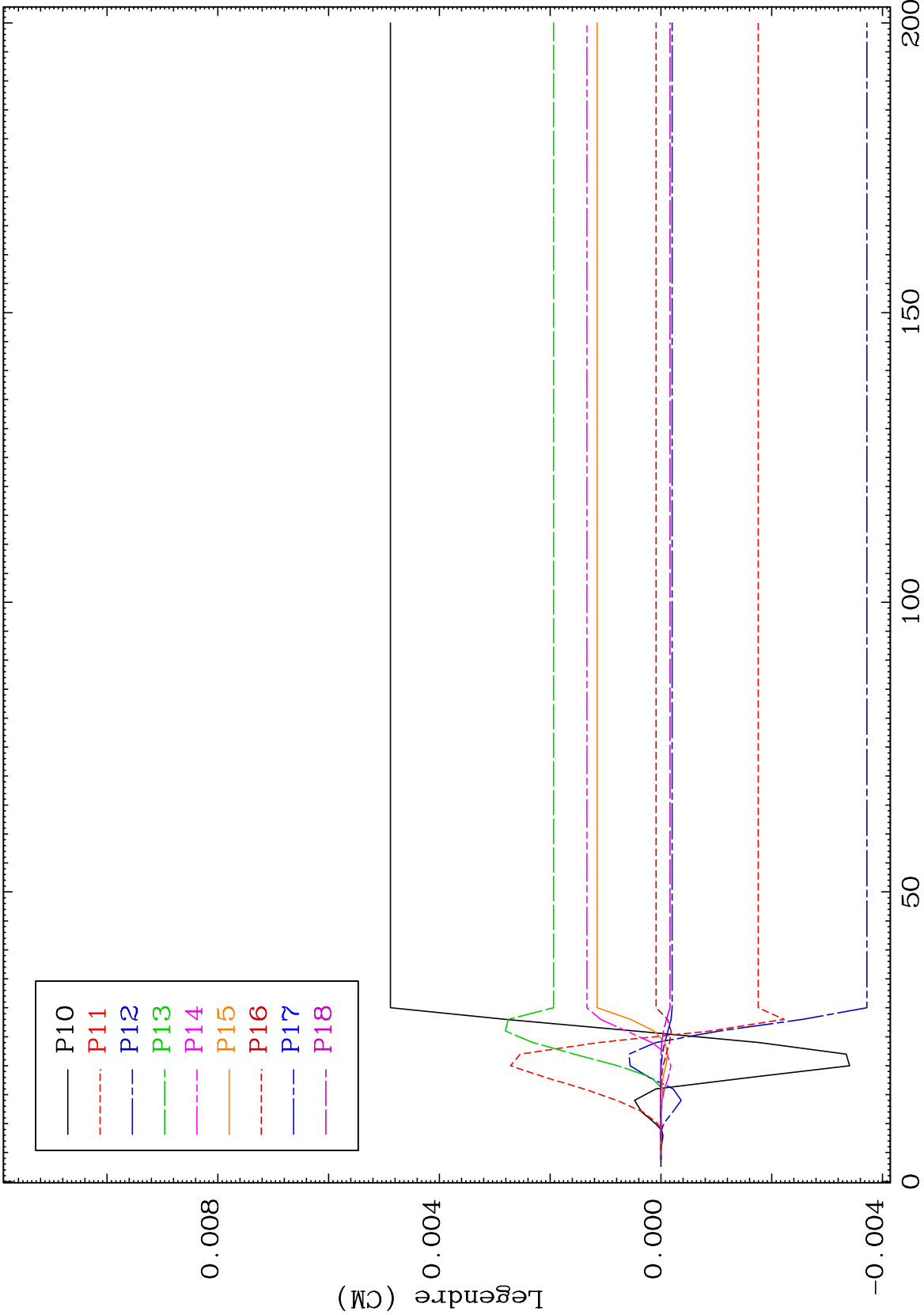




MAT 3955

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

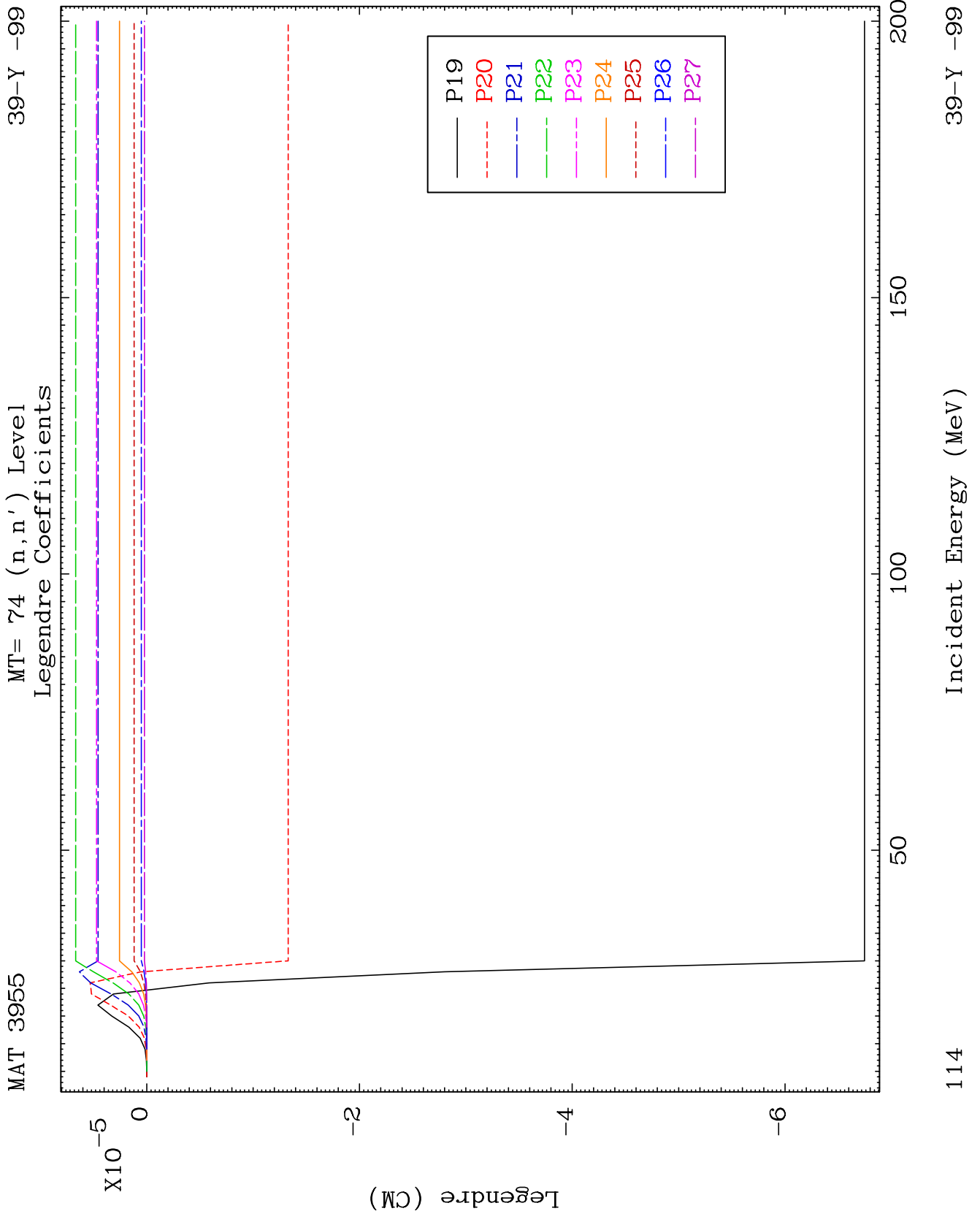
39-Y -99



113

Incident Energy (MeV)

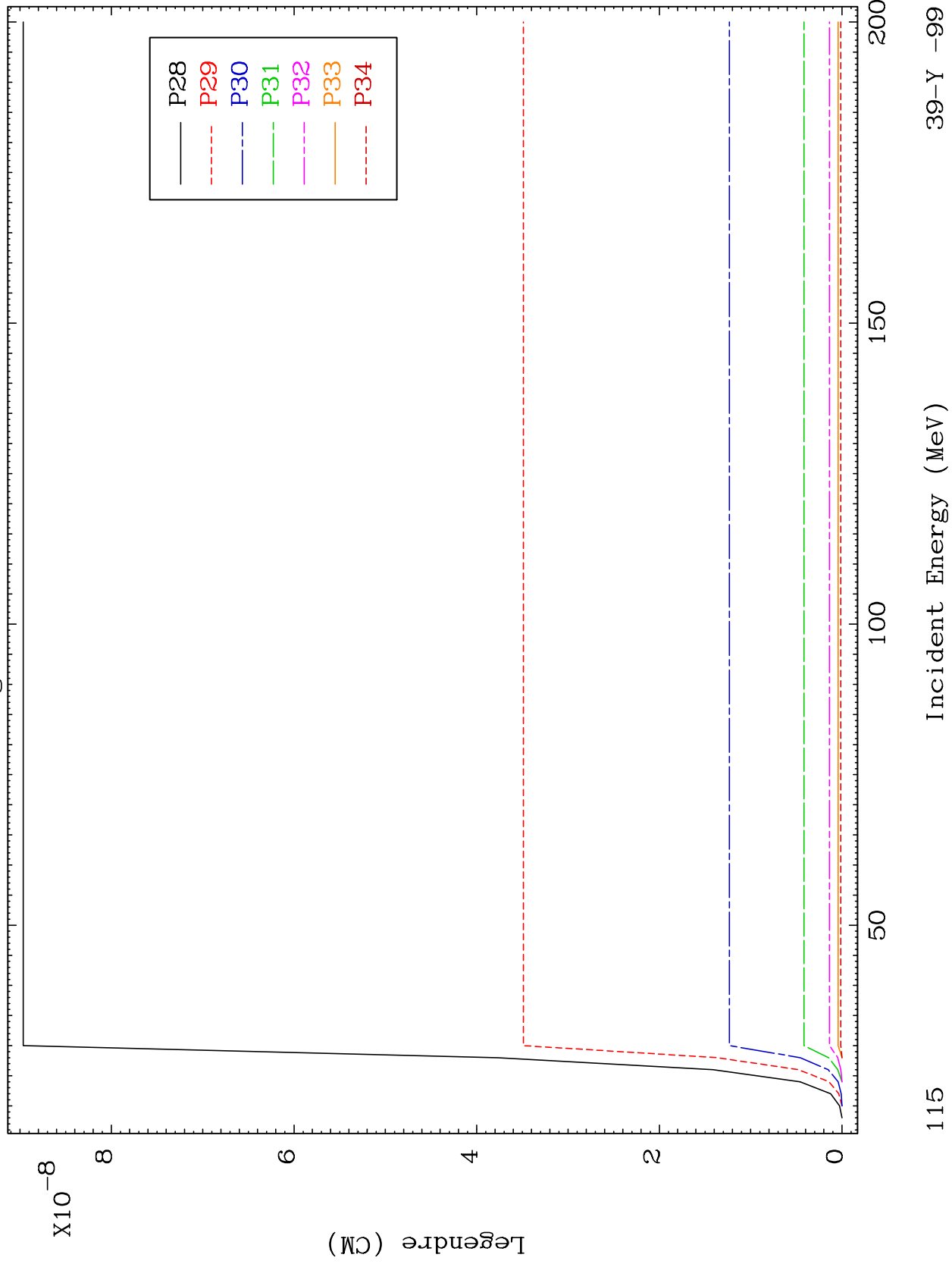
39-Y -99



MAT 3955

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

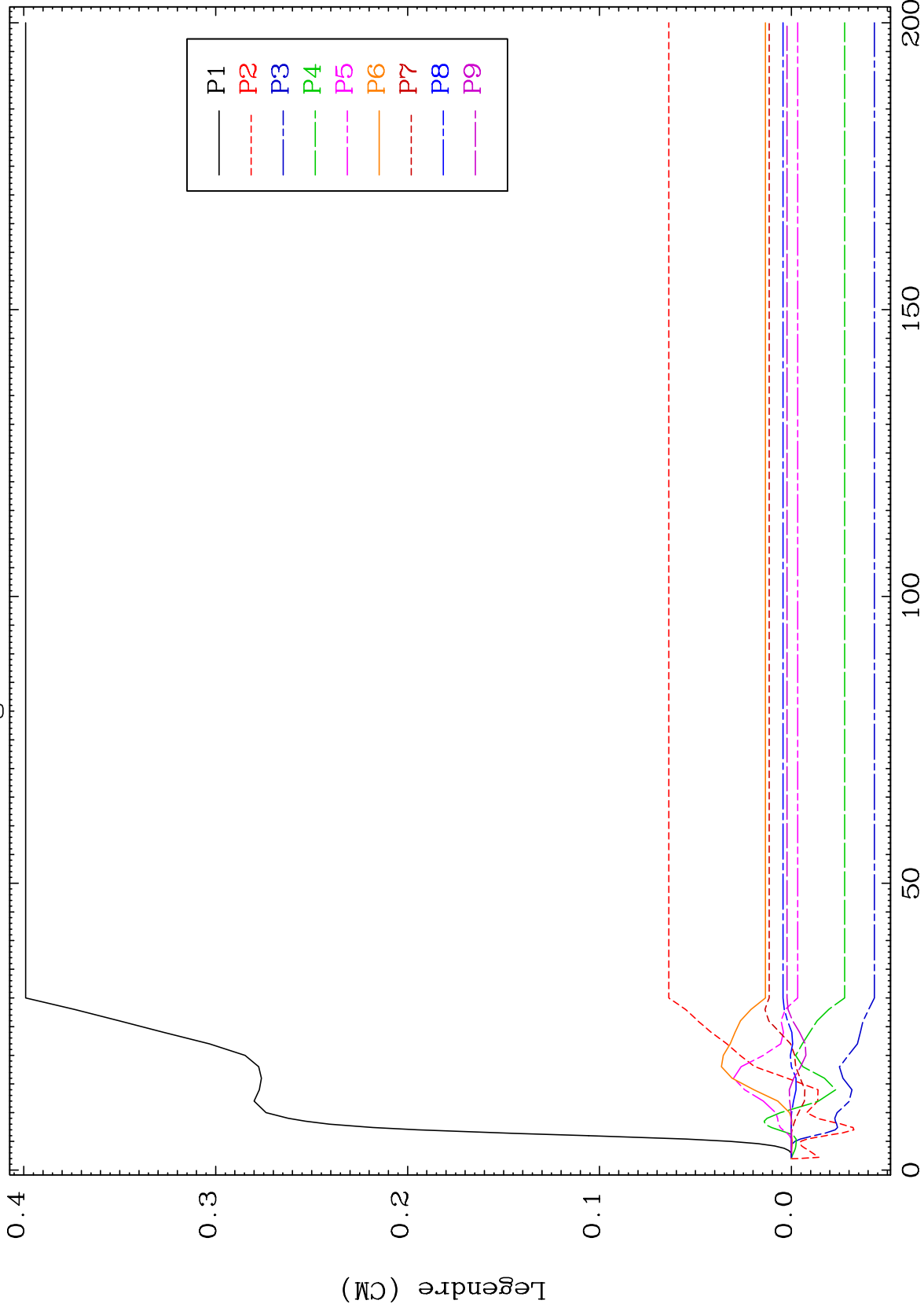
39-Y -99



MAT 3955

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

39-Y -99



116

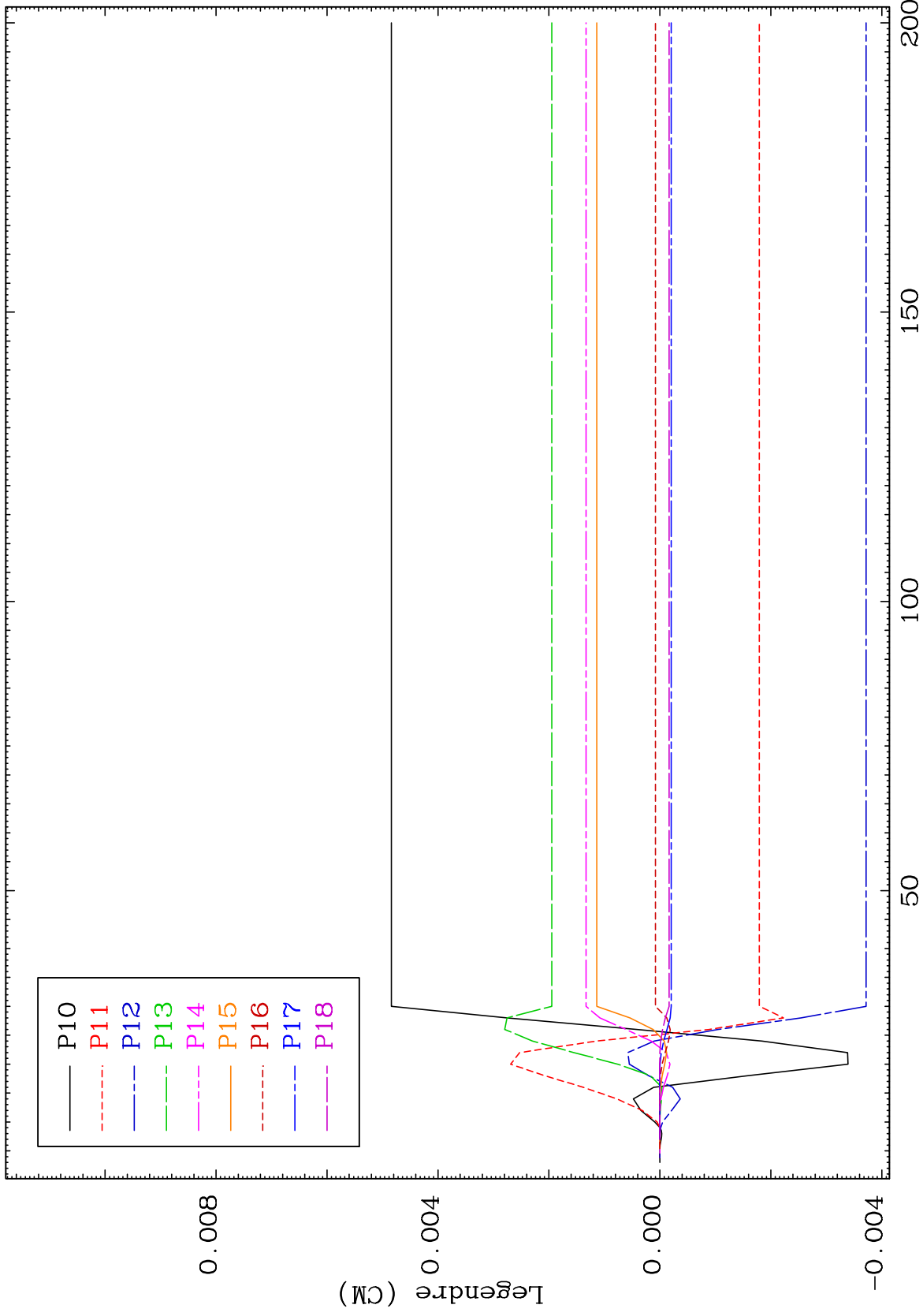
Incident Energy (MeV)

39-Y -99

MAT 3955

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

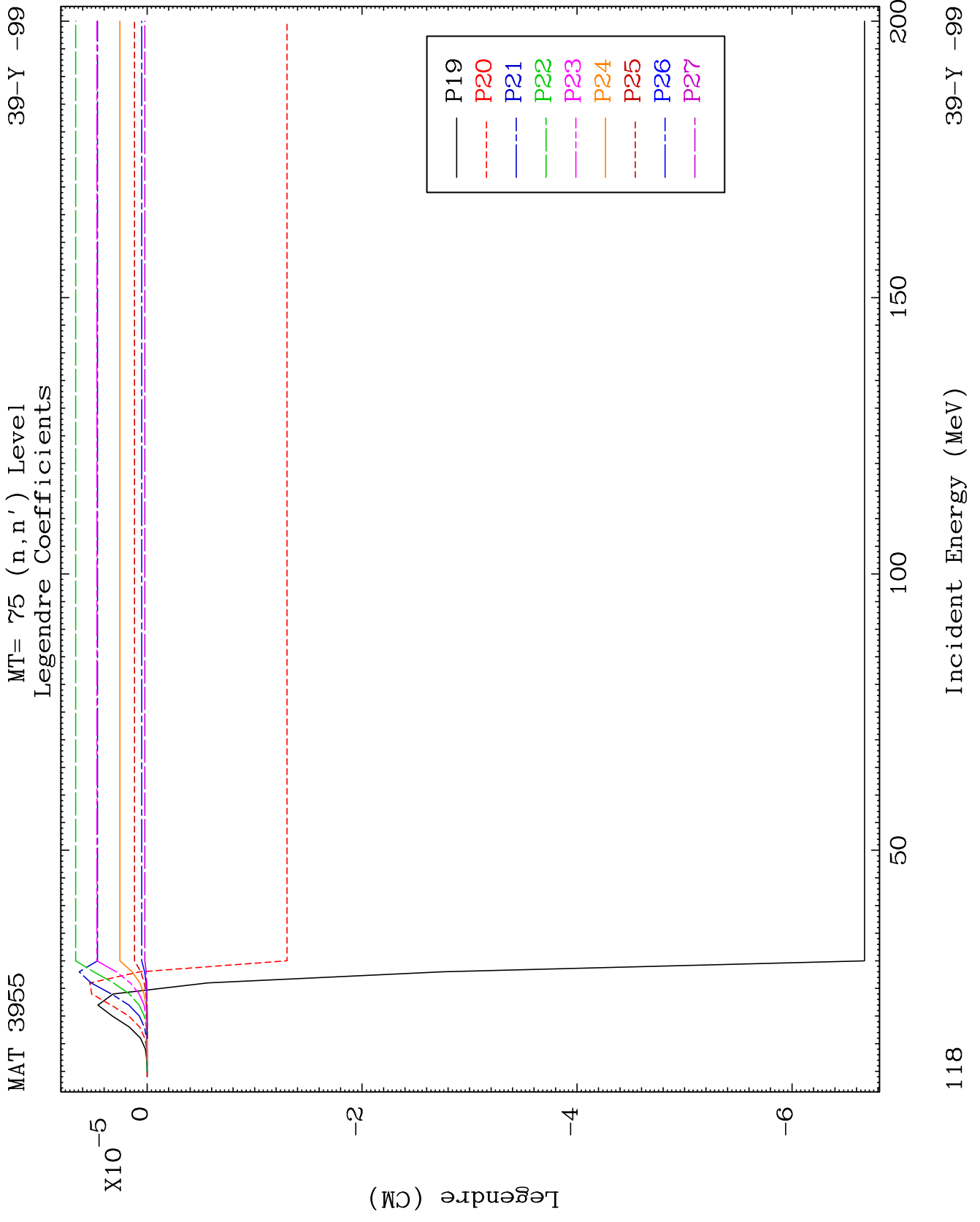
39-Y -99



117

Incident Energy (MeV)

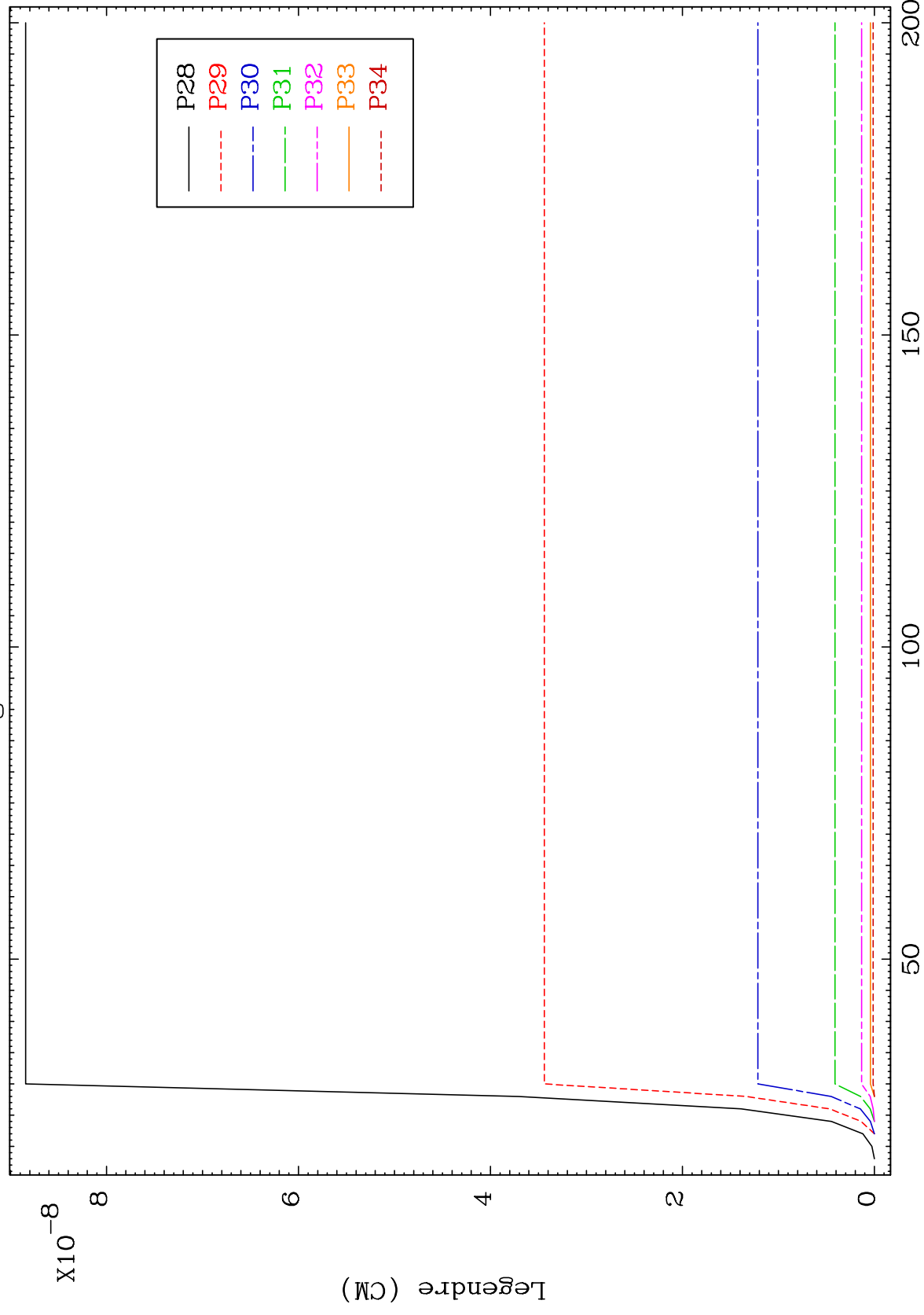
39-Y -99



MAT 3955

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

39-Y -99



119

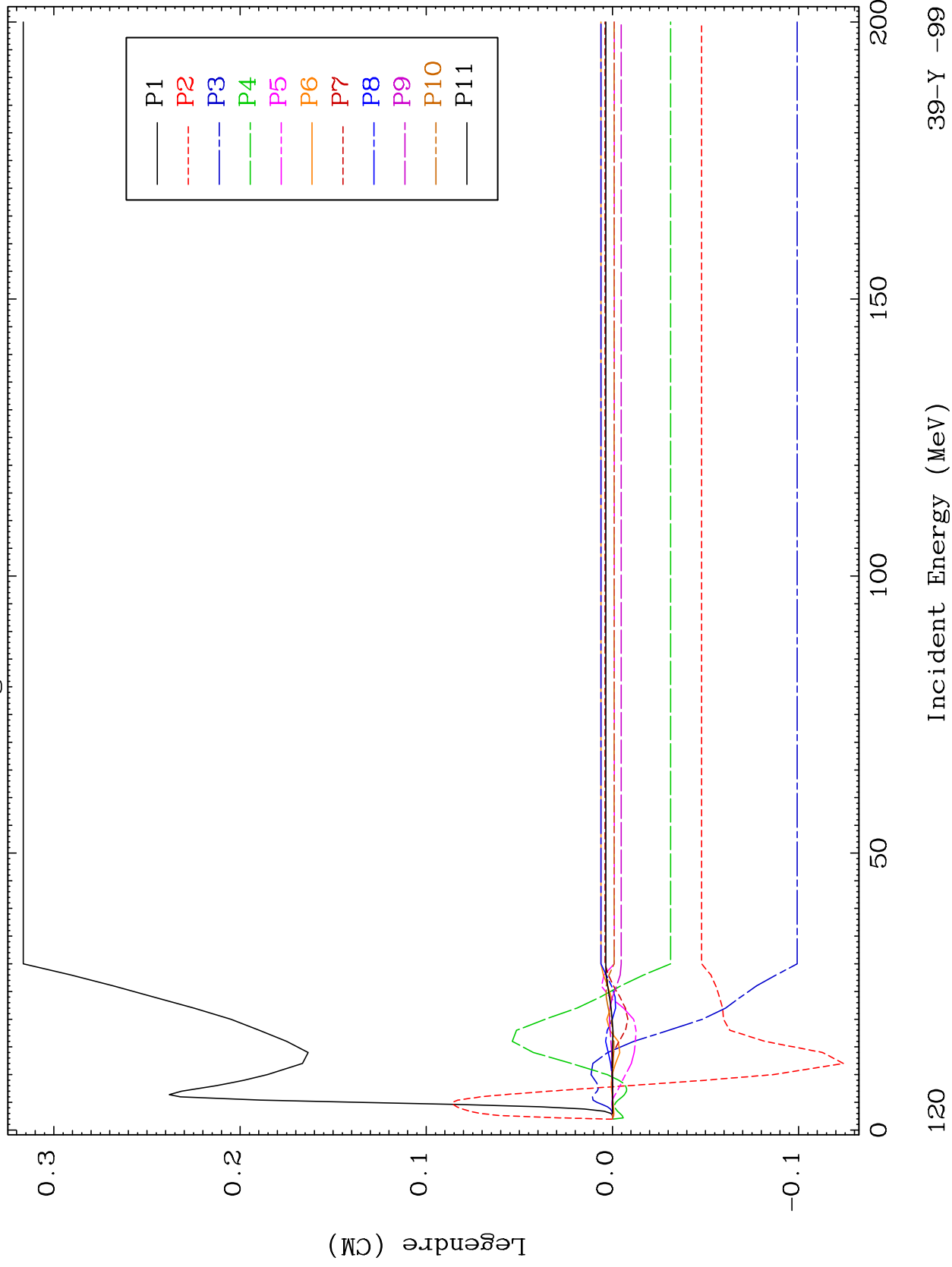
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99

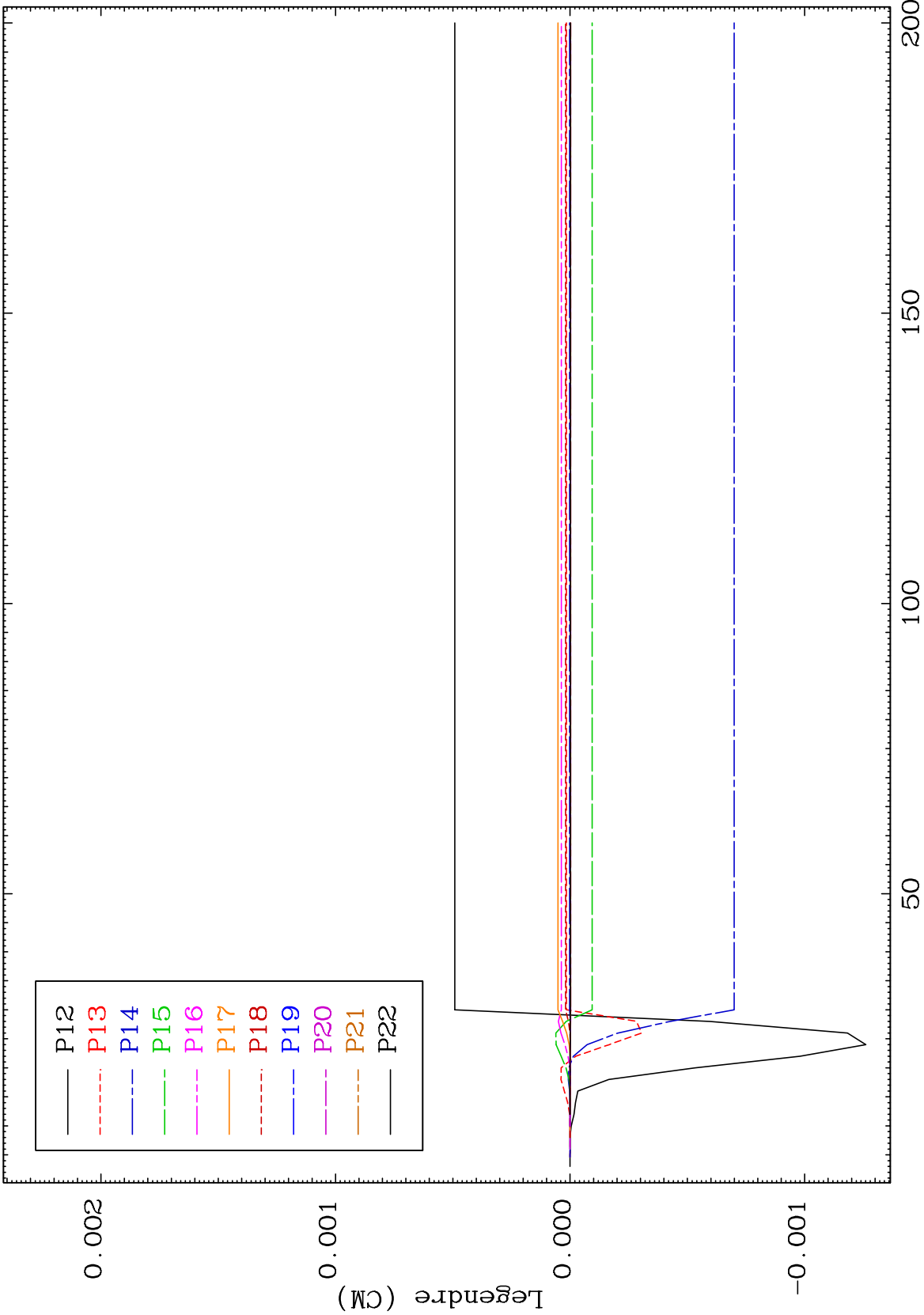


39-Y -99

MAT 3955

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

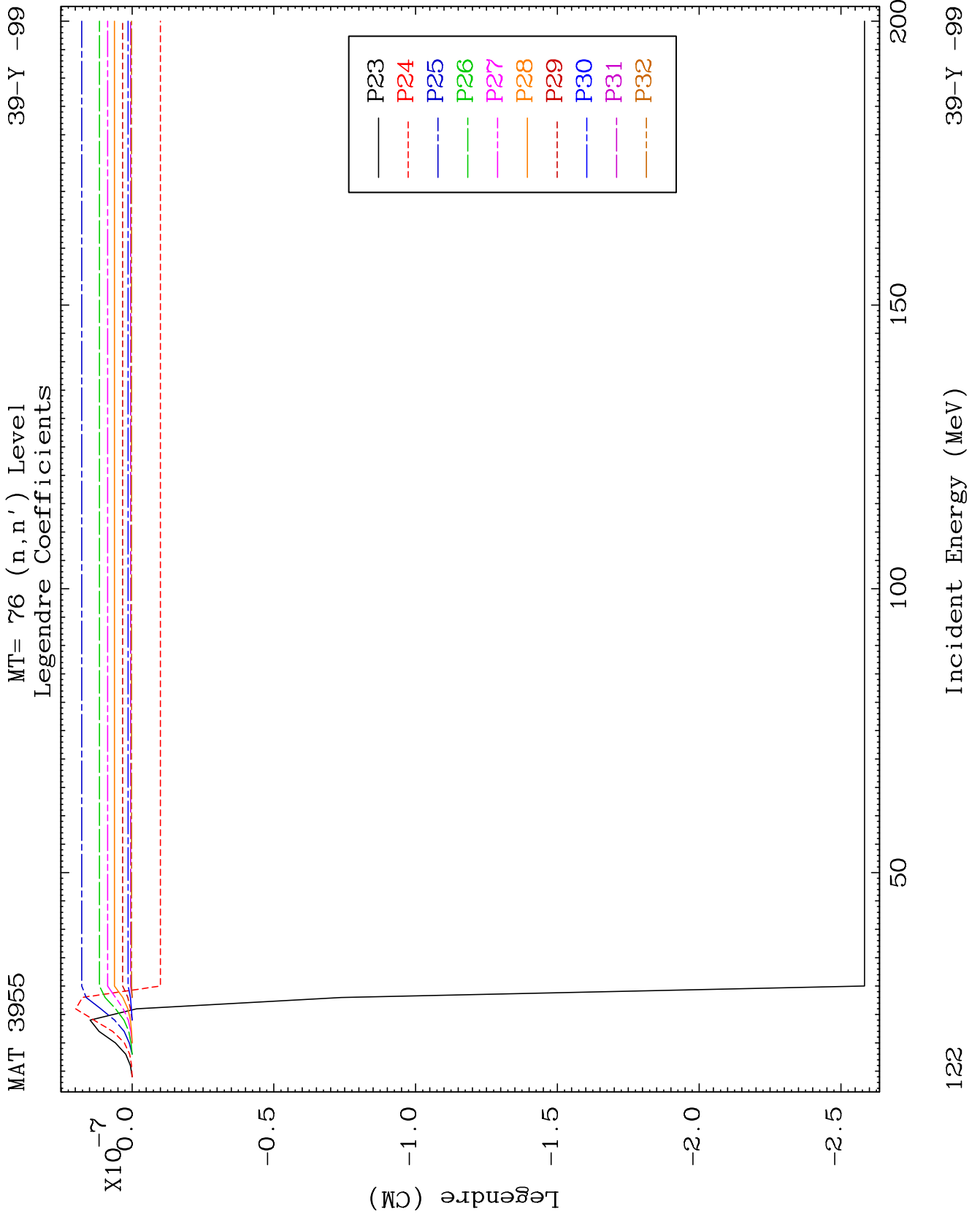
39-Y -99



121

Incident Energy (MeV)

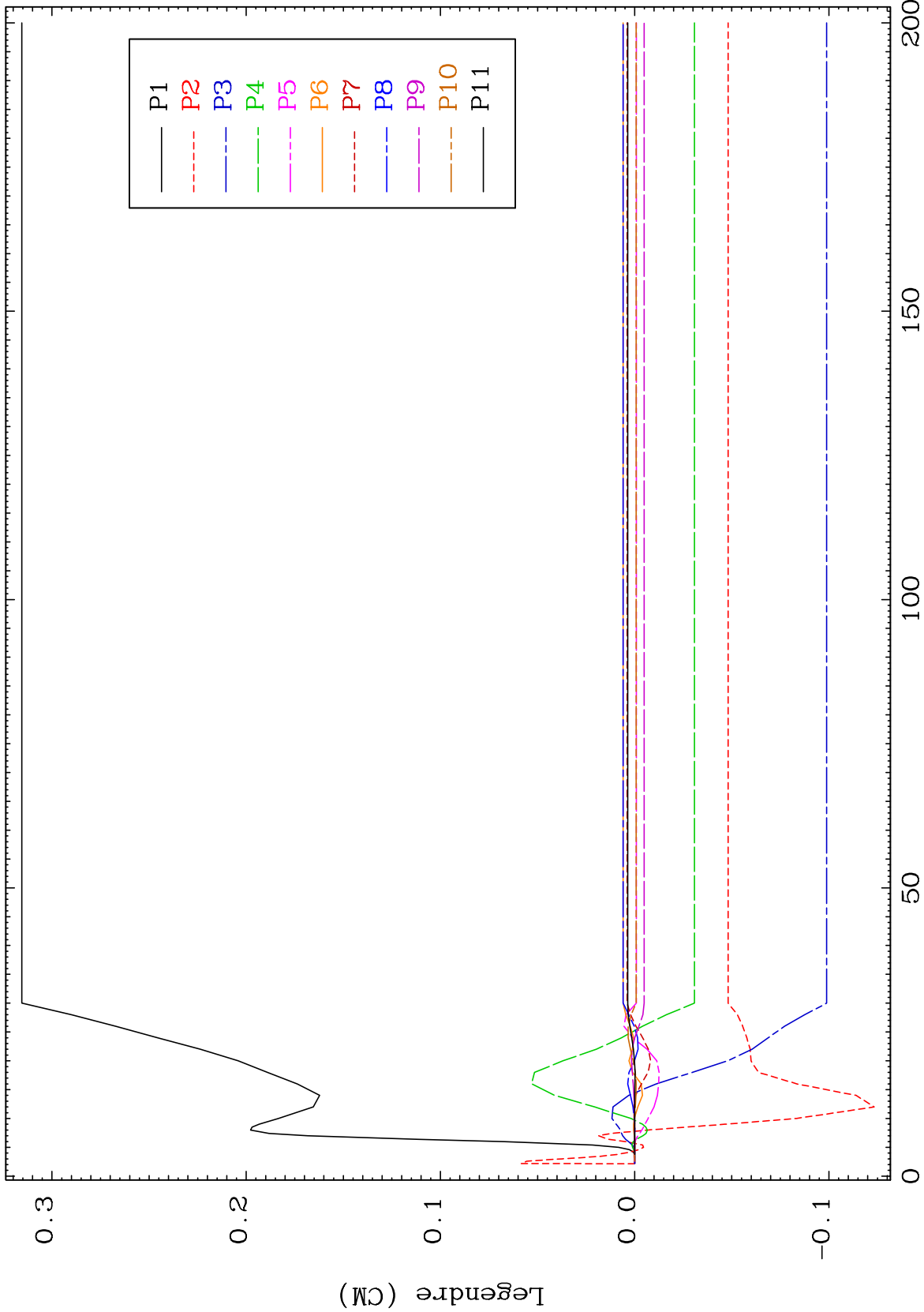
39-Y -99



MAT 3955

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

39-Y -99



123

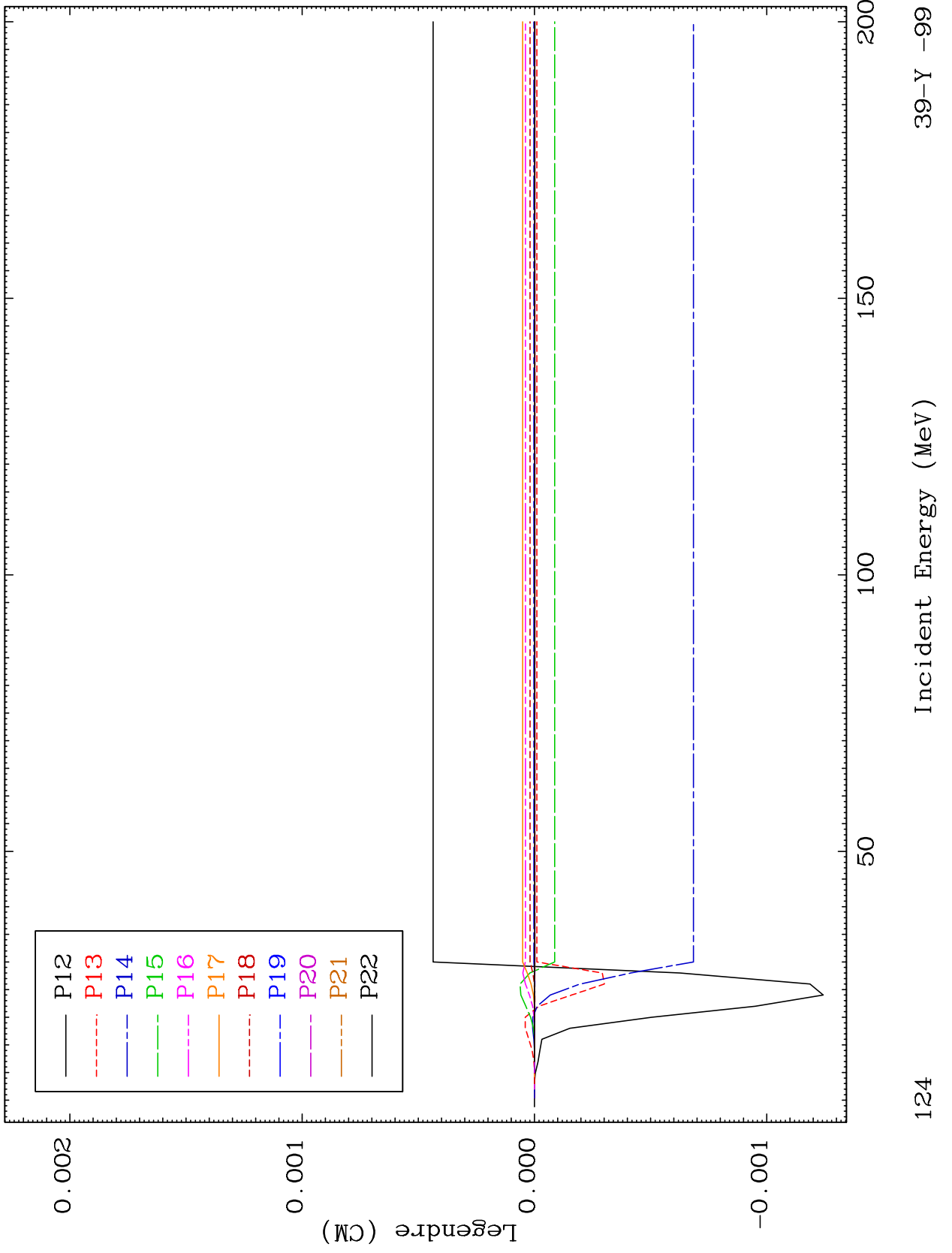
Incident Energy (MeV)

39-Y -99

MAT 3955

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

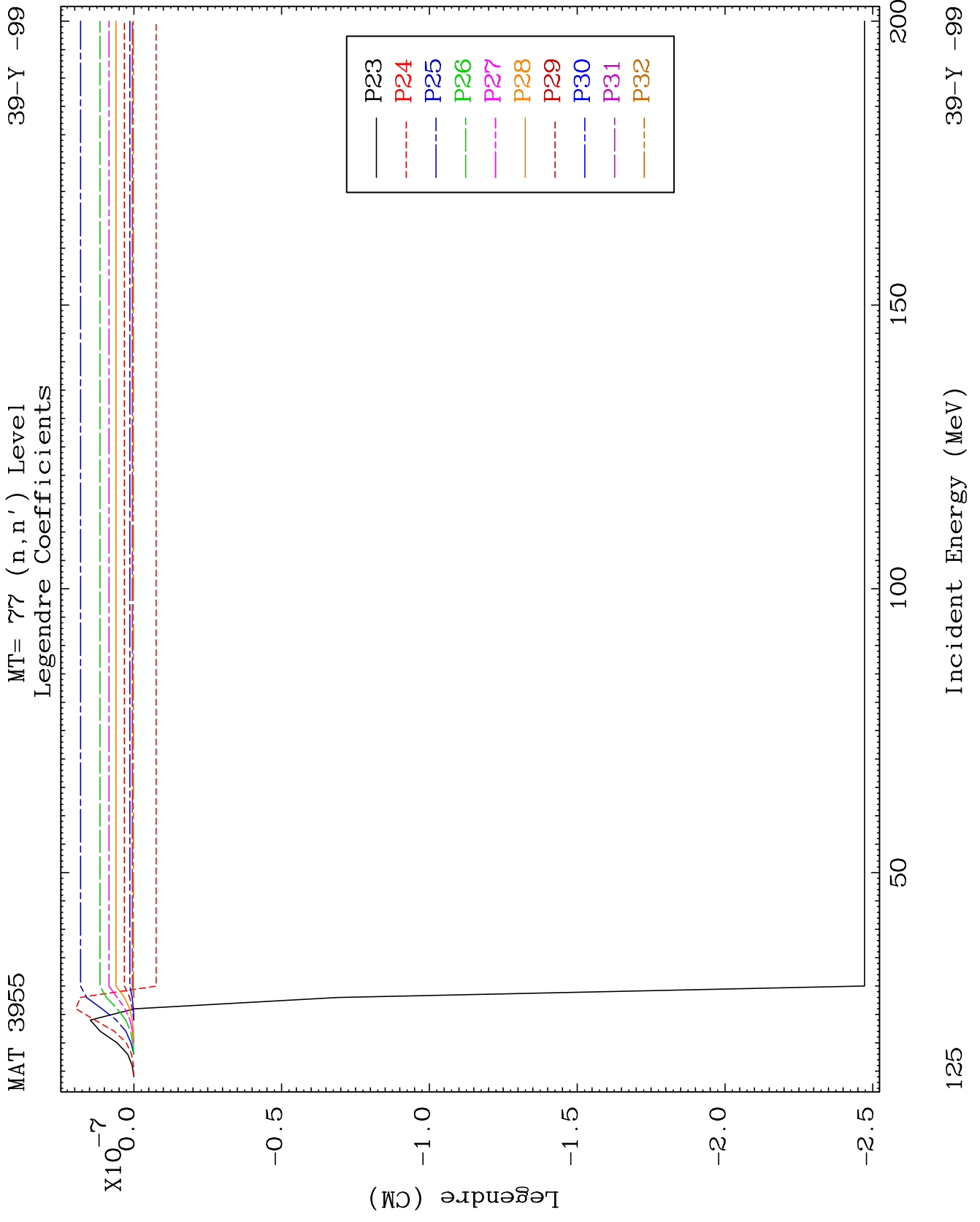
39-Y -99



124

Incident Energy (MeV)

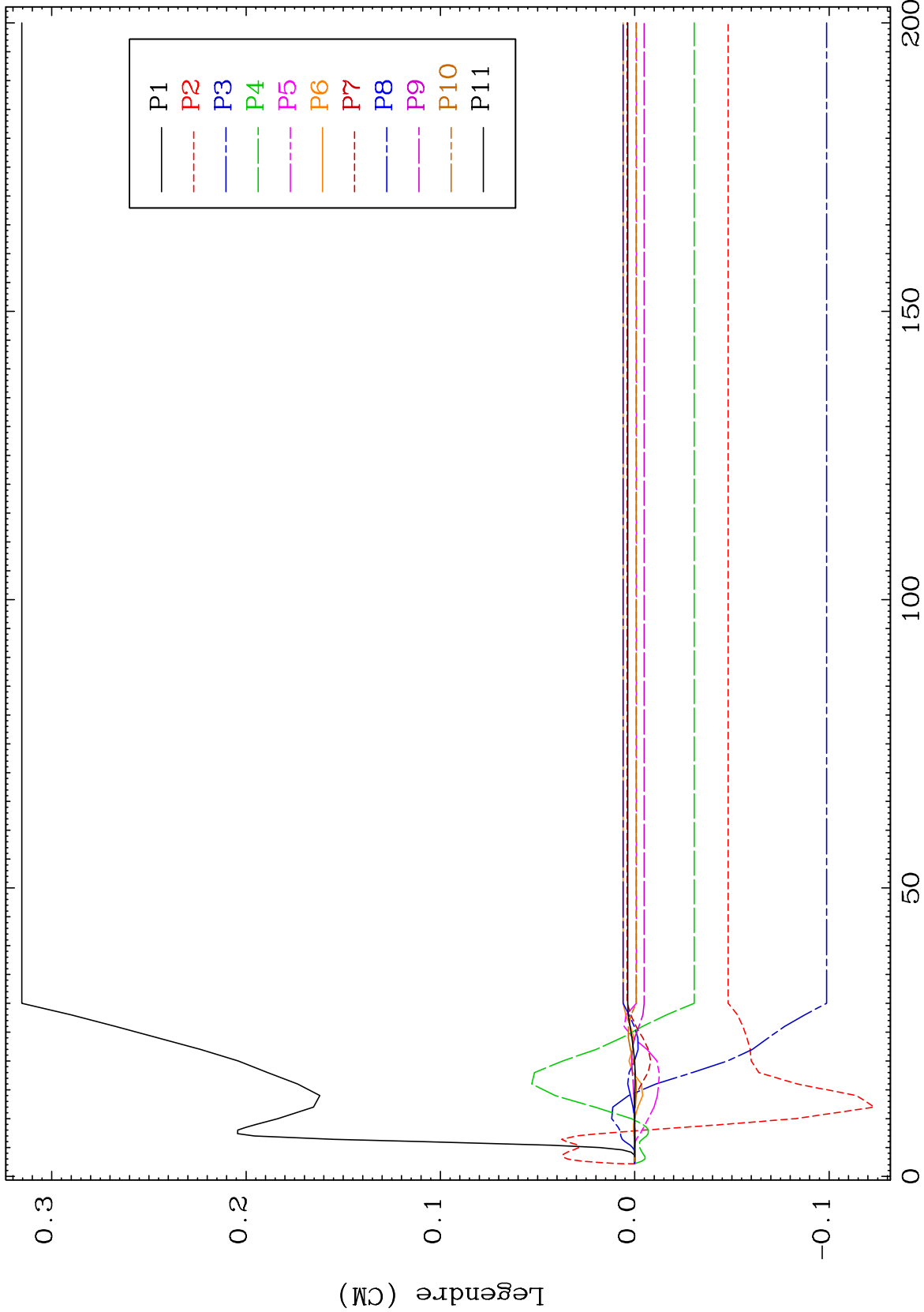
39-Y -99



MAT 3955

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

39-Y -99



126

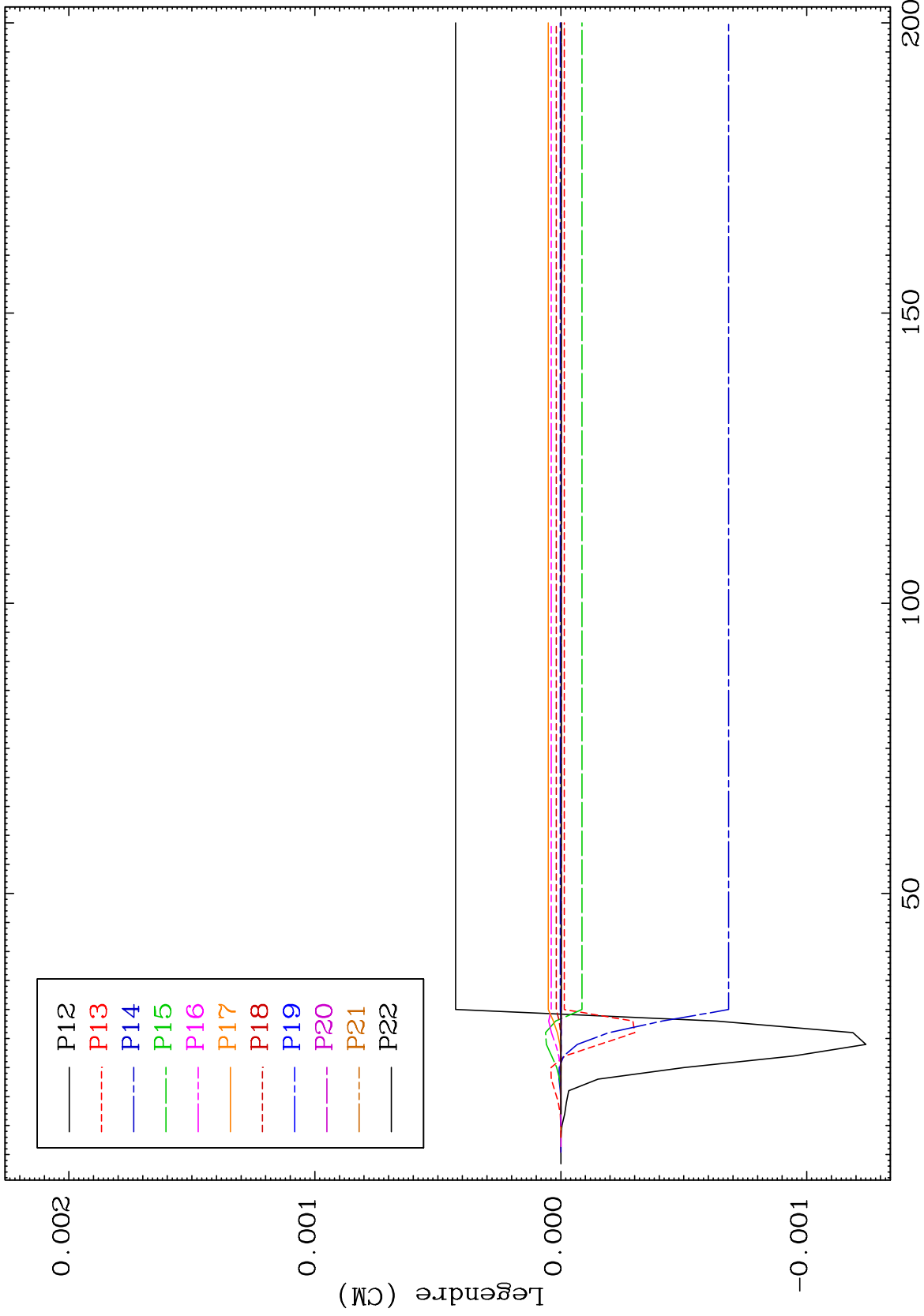
Incident Energy (MeV)

39-Y -99

MAT 3955

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

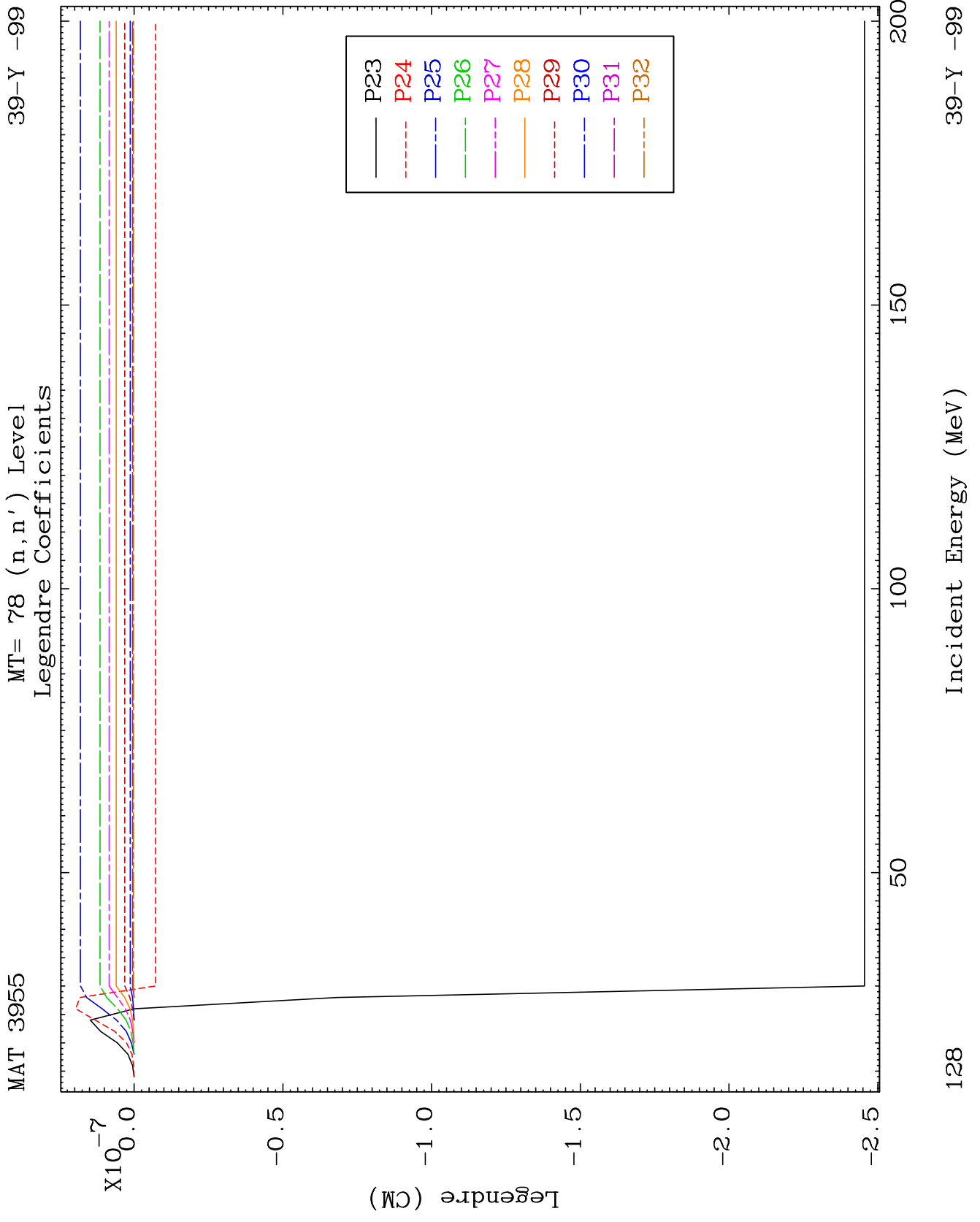
39-Y -99

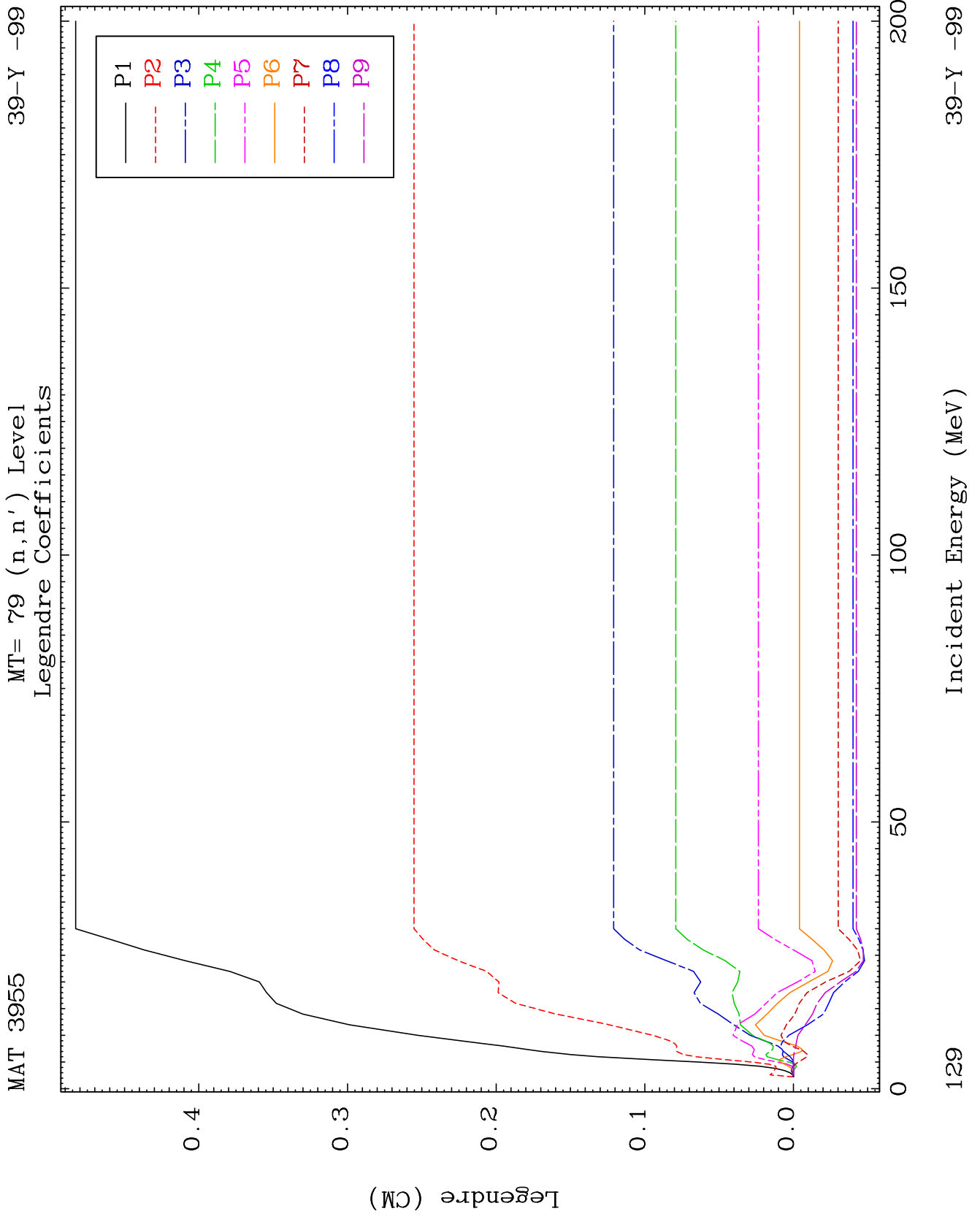


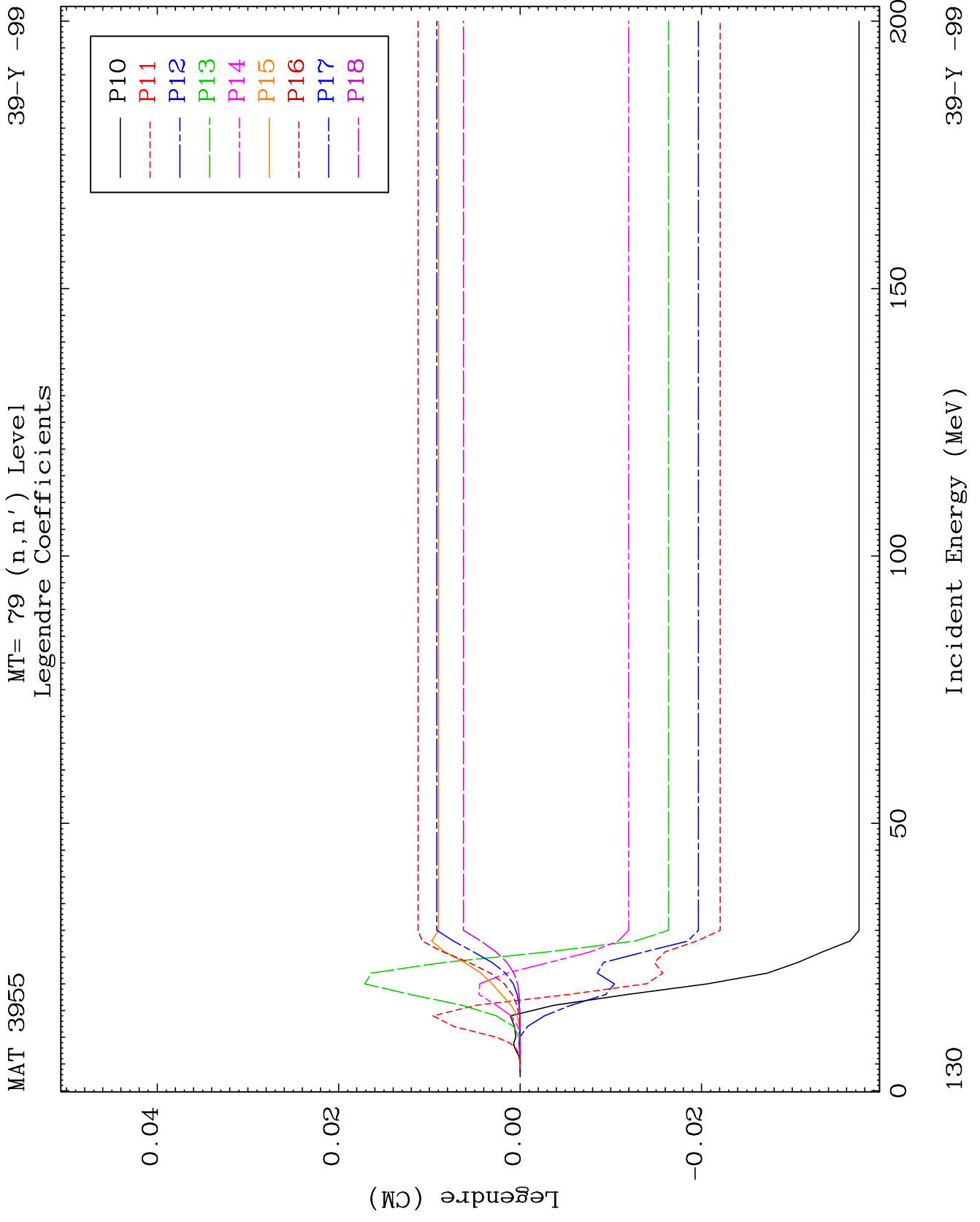
127

Incident Energy (MeV)

39-Y -99



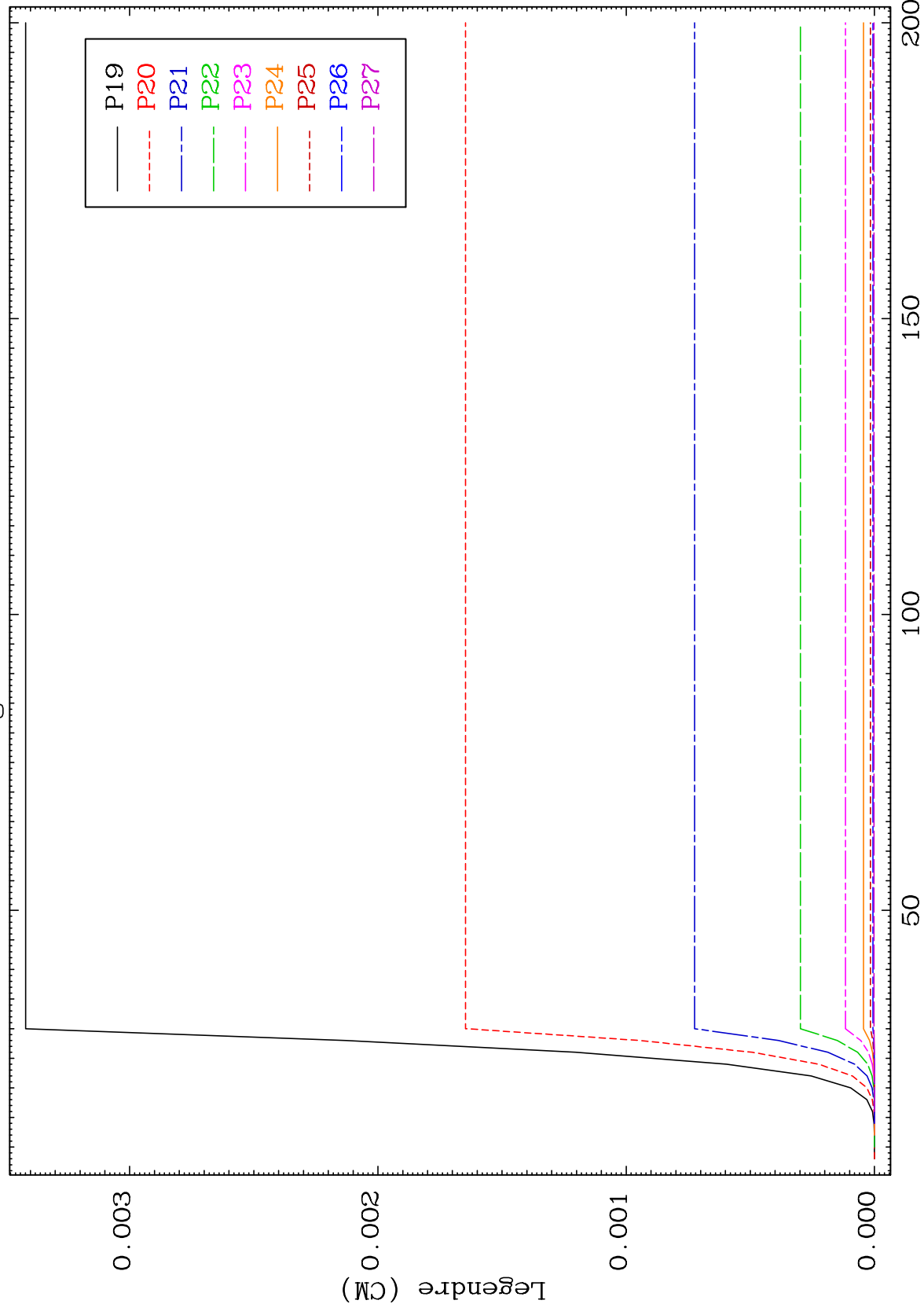




MAT 3955

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

39-Y -99



131

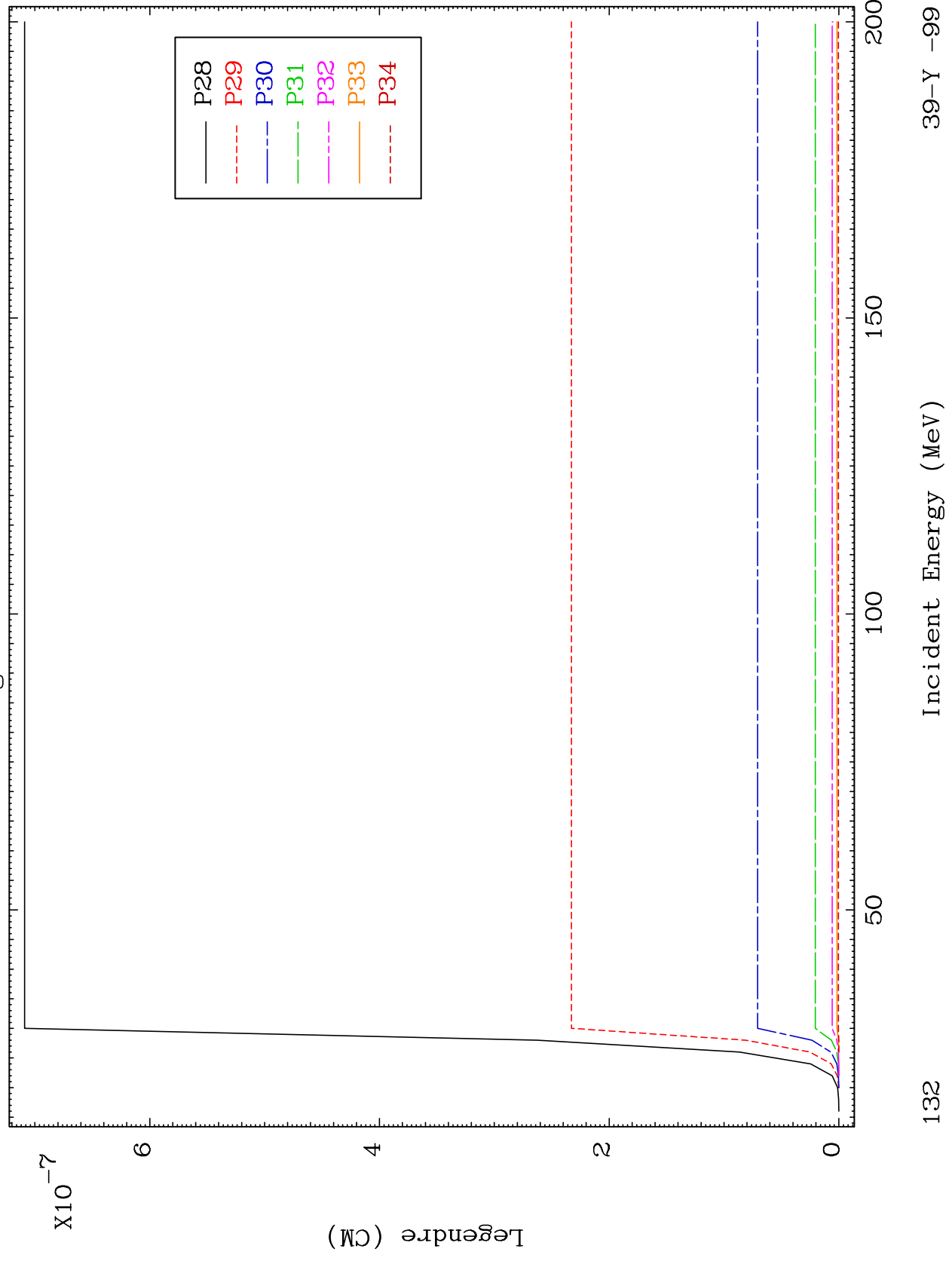
Incident Energy (MeV)

39-Y -99

MAT 3955

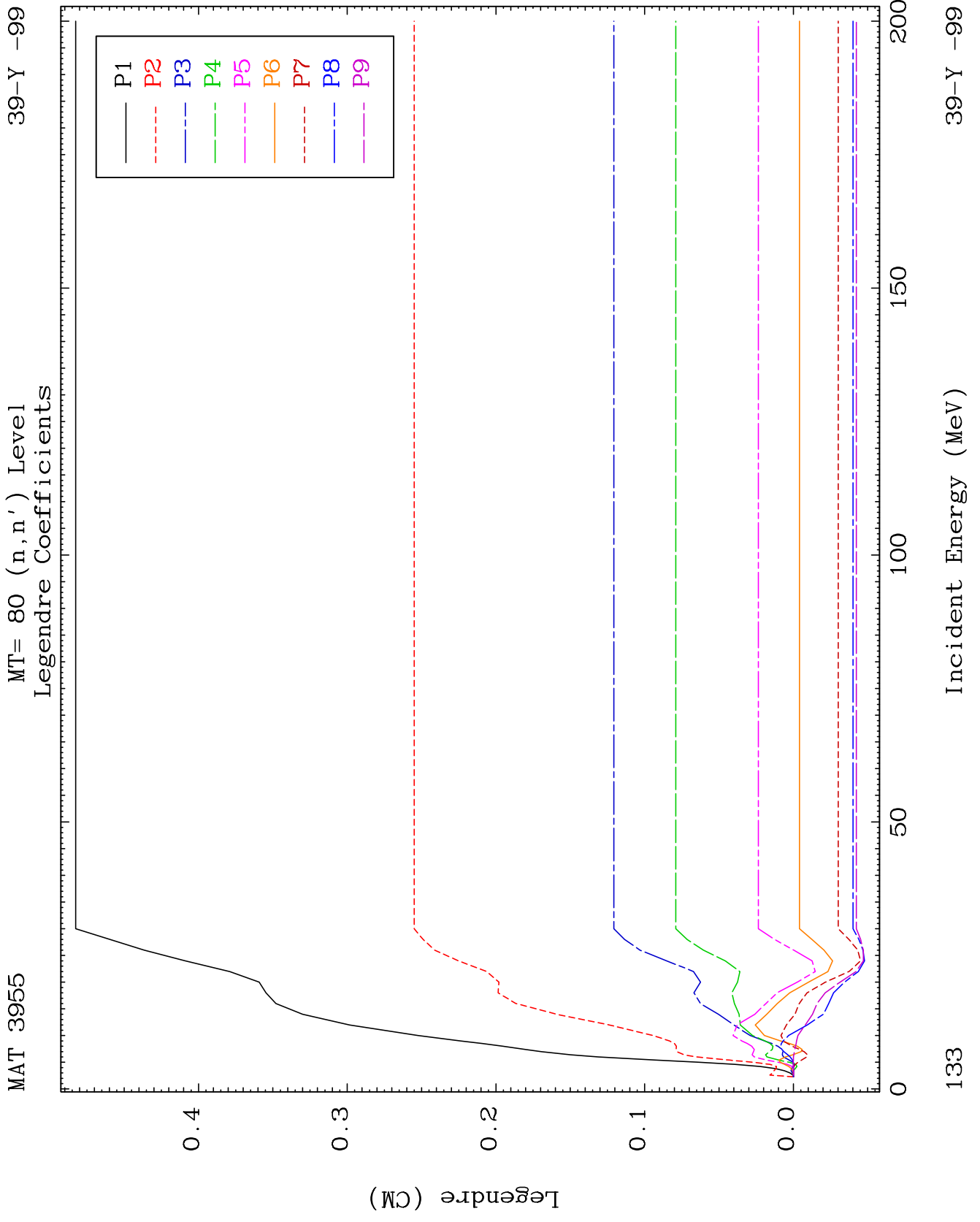
MT= 79 (n,n') Level  
Legendre Coefficients

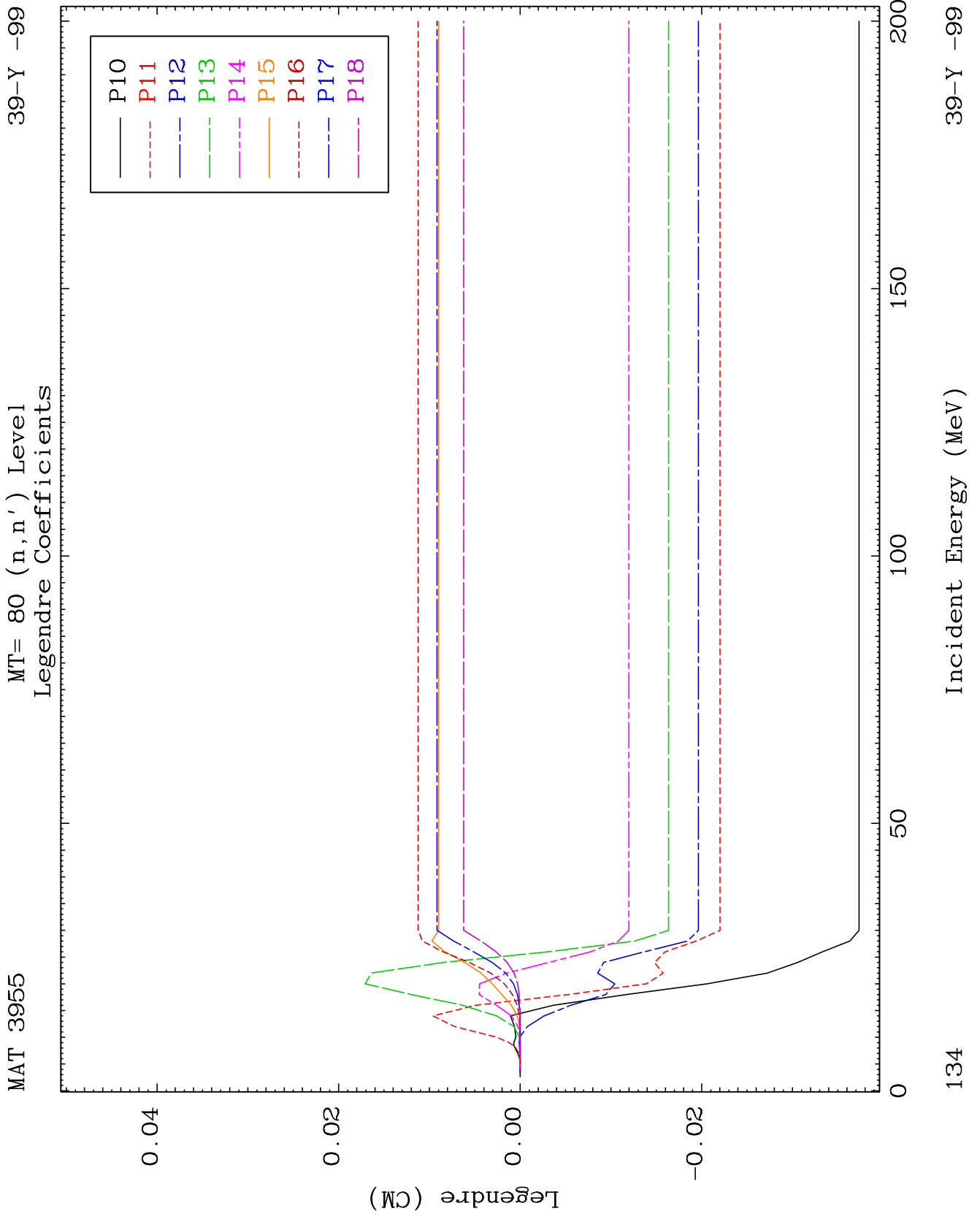
39-Y -99

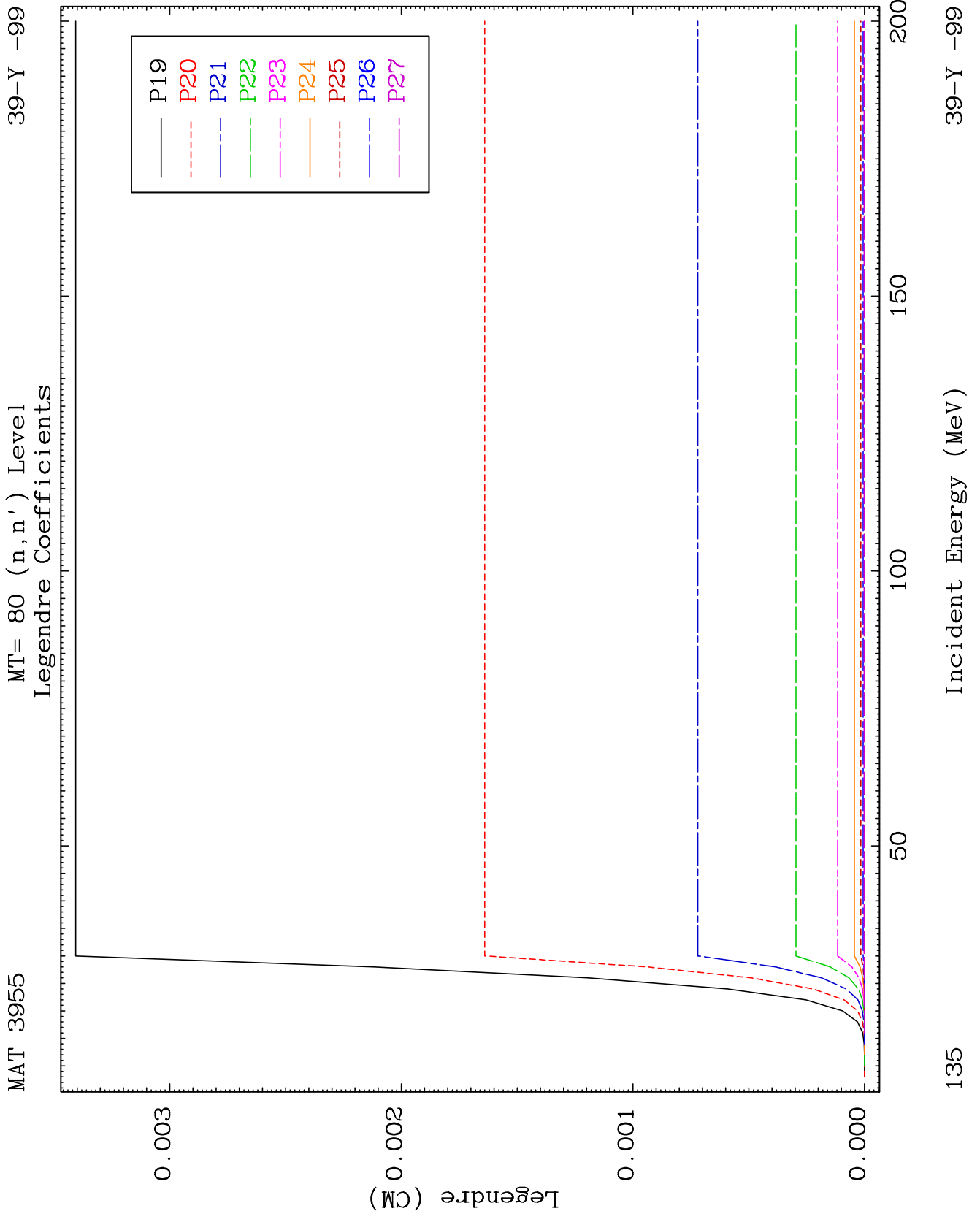


132

39-Y -99



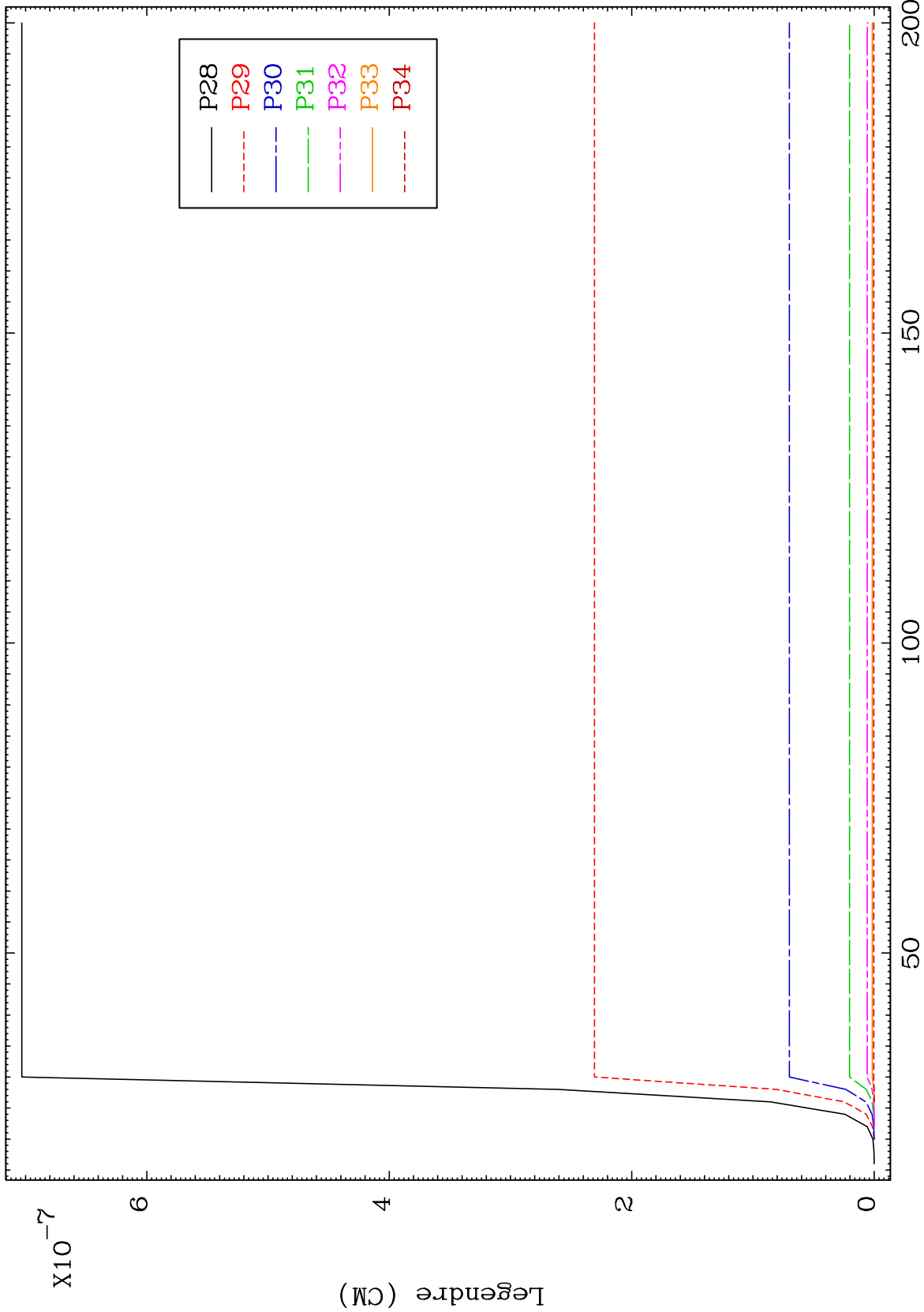




MAT 3955

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

39-Y -99



136

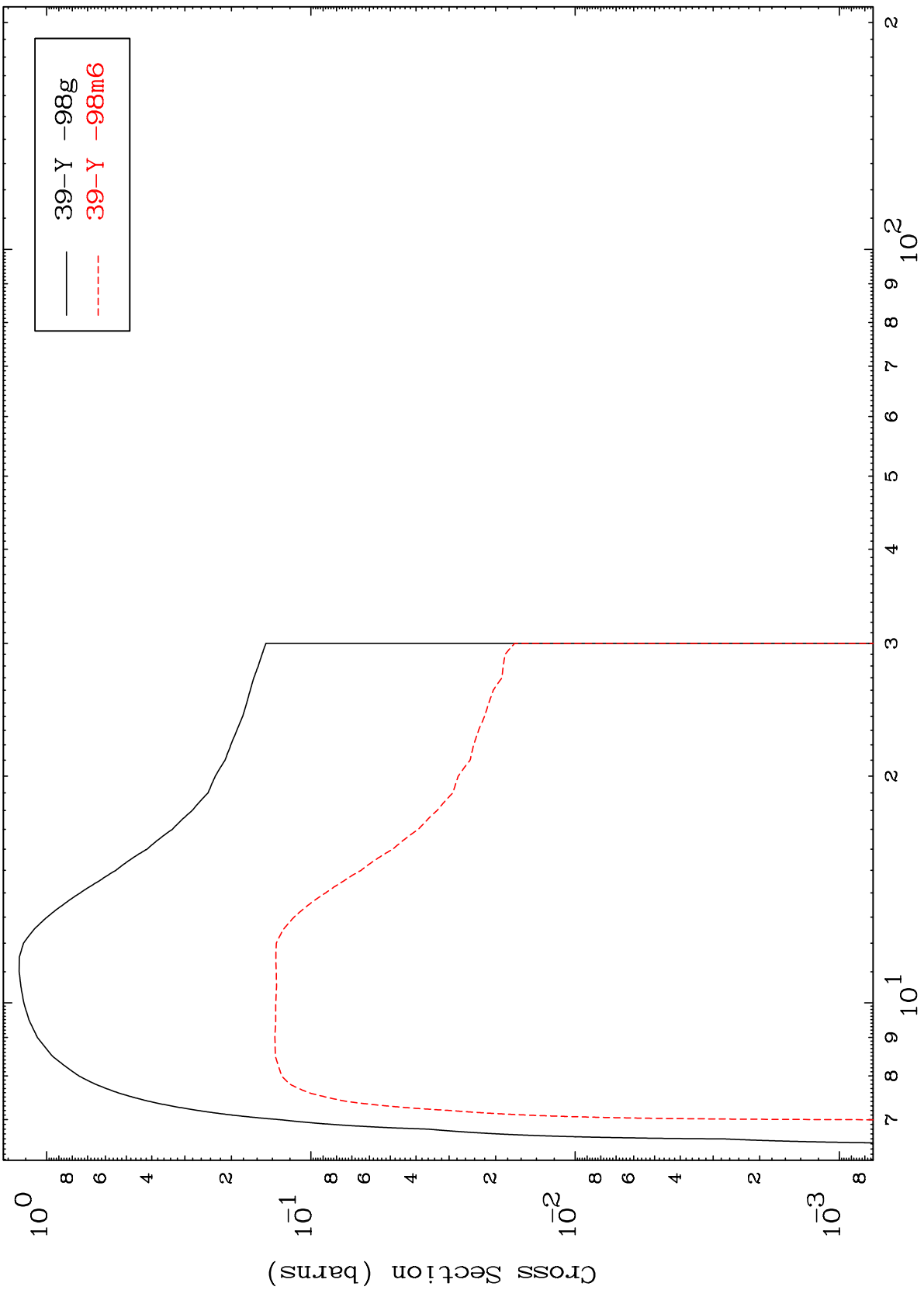
Incident Energy (MeV)

39-Y -99

MAT 3955

39-Y -99

(n,2n)  
Radionuclide Production Cross Section

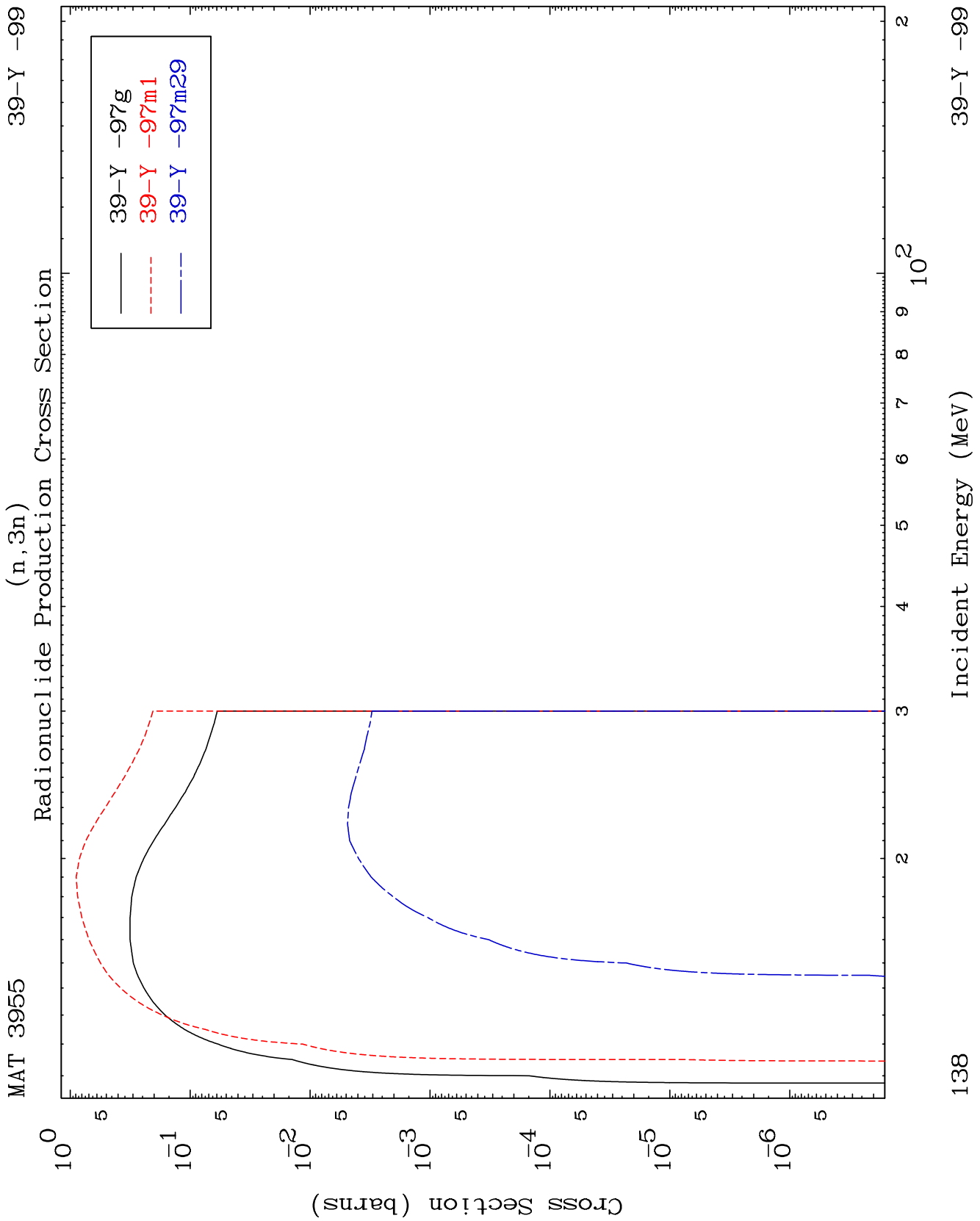


39-Y -98g  
39-Y -98m6

137

Incident Energy (MeV)

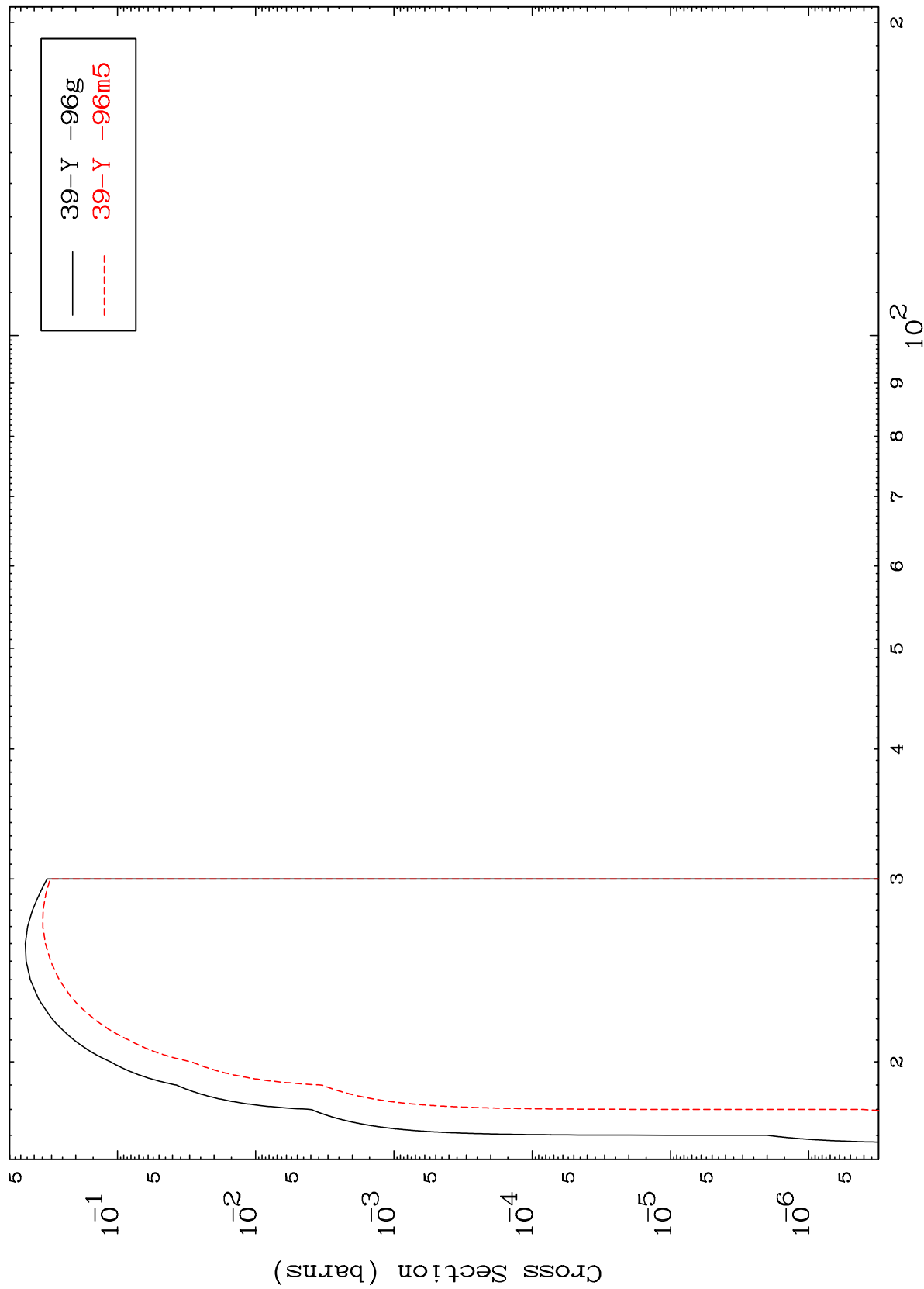
39-Y -99



MAT 3955

39-Y -99

(n,4n)  
Radionuclide Production Cross Section



139

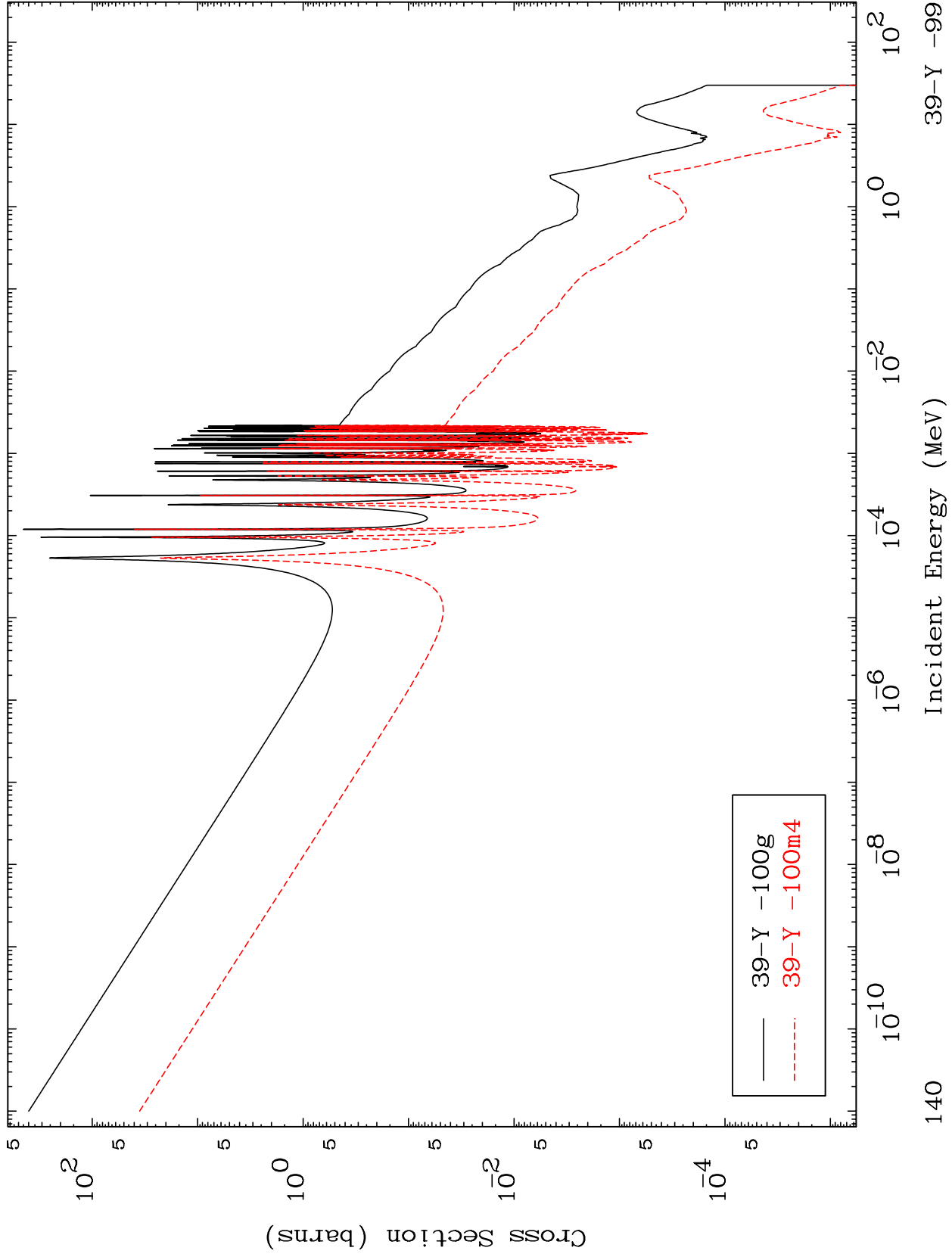
Incident Energy (MeV)

39-Y -99

MAT 3955

39-Y -99

Radionuclide Production Cross Section  
(n,  $\gamma$ )



140