

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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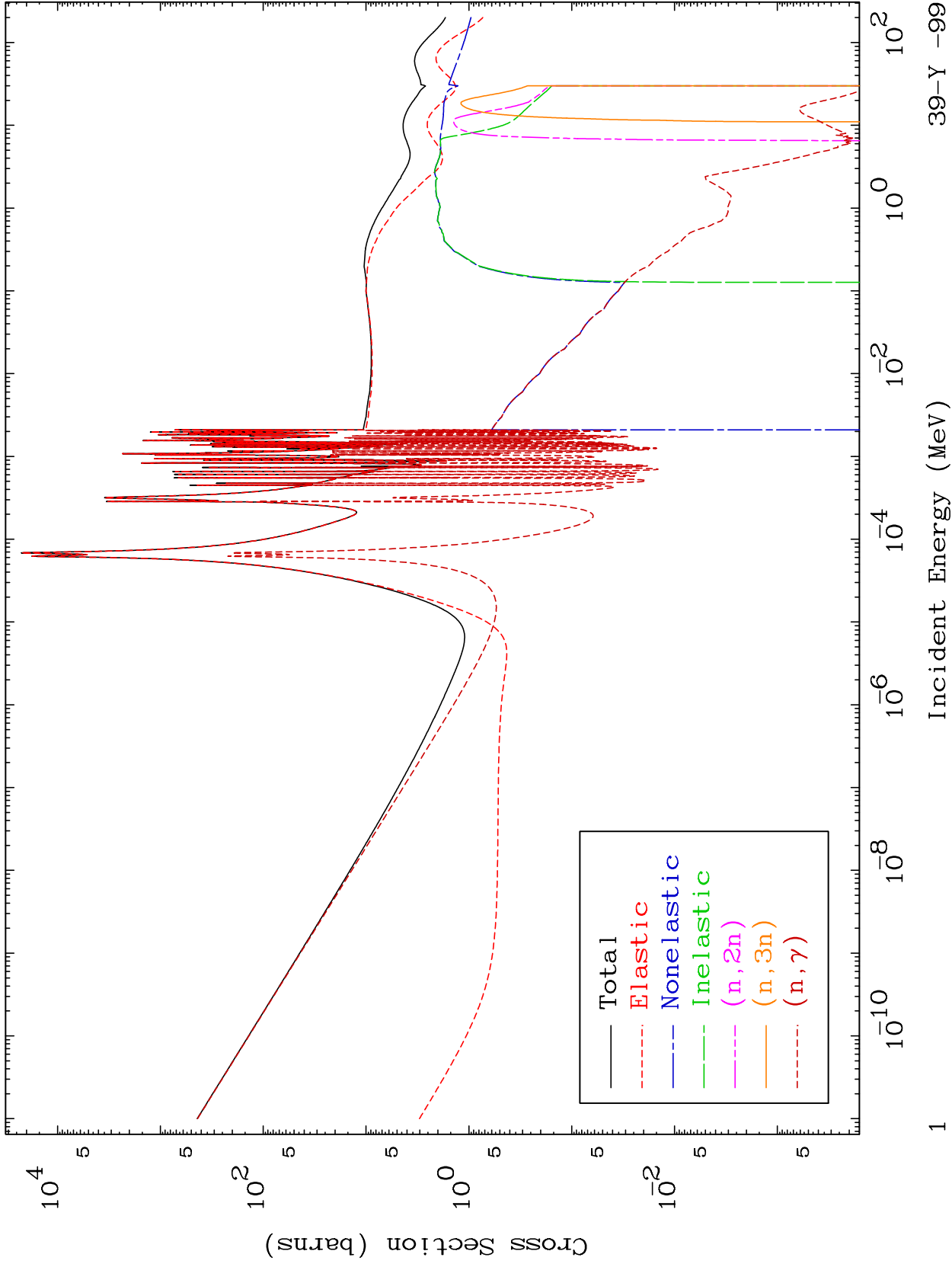
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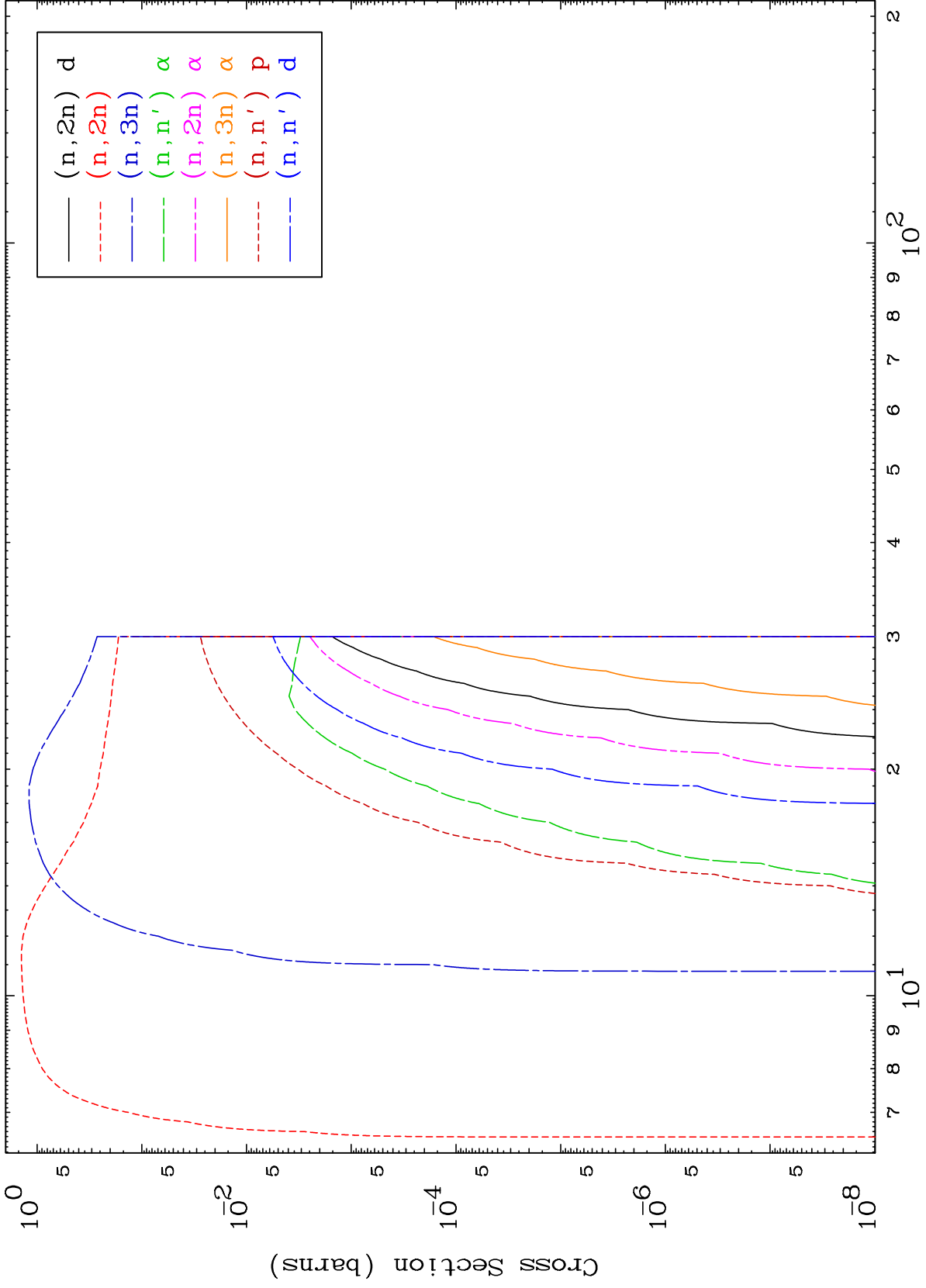
Press Mouse Button to Start

MAT 3955

Neutron Major  
293 Kelvin Cross Sections

39-Y -99

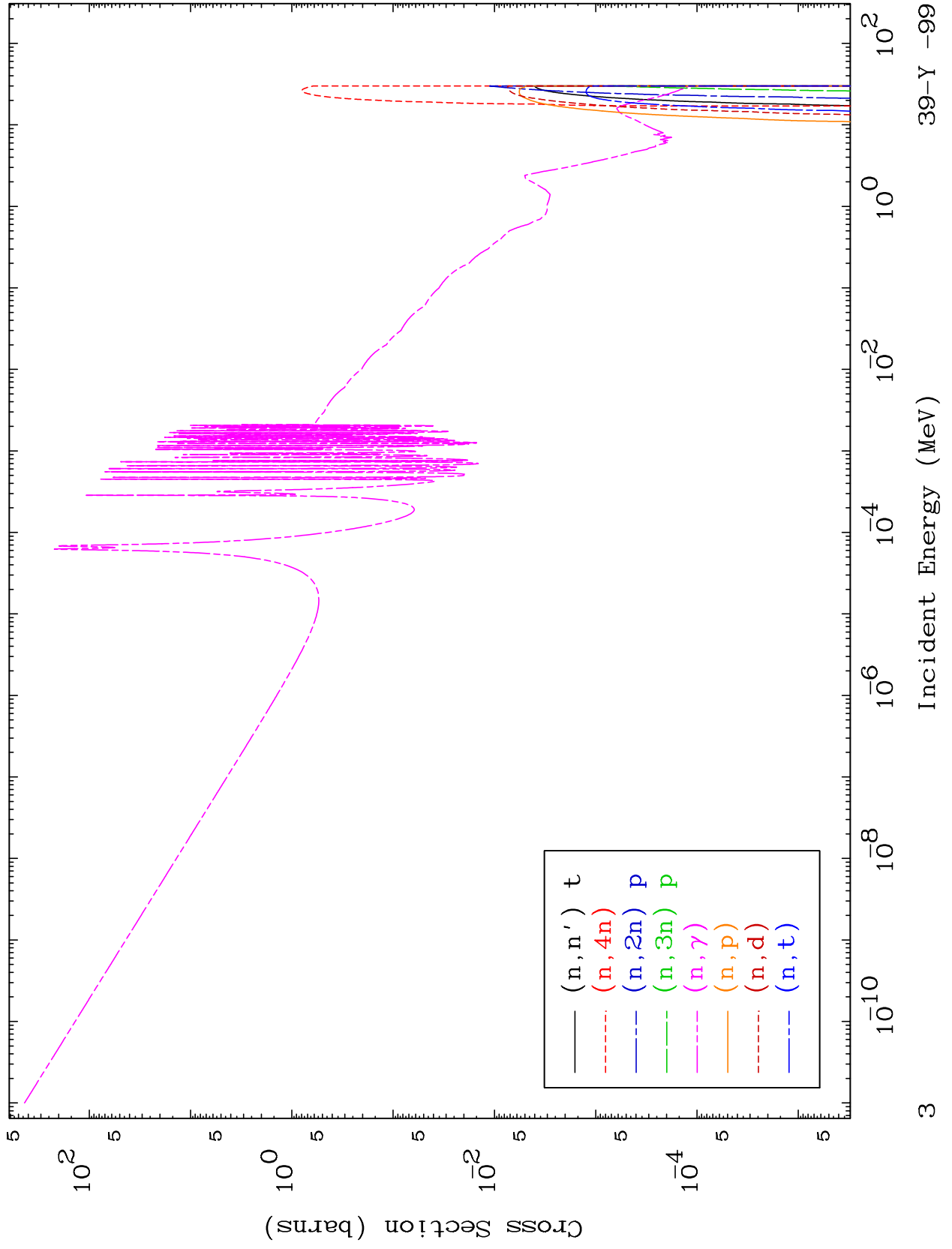


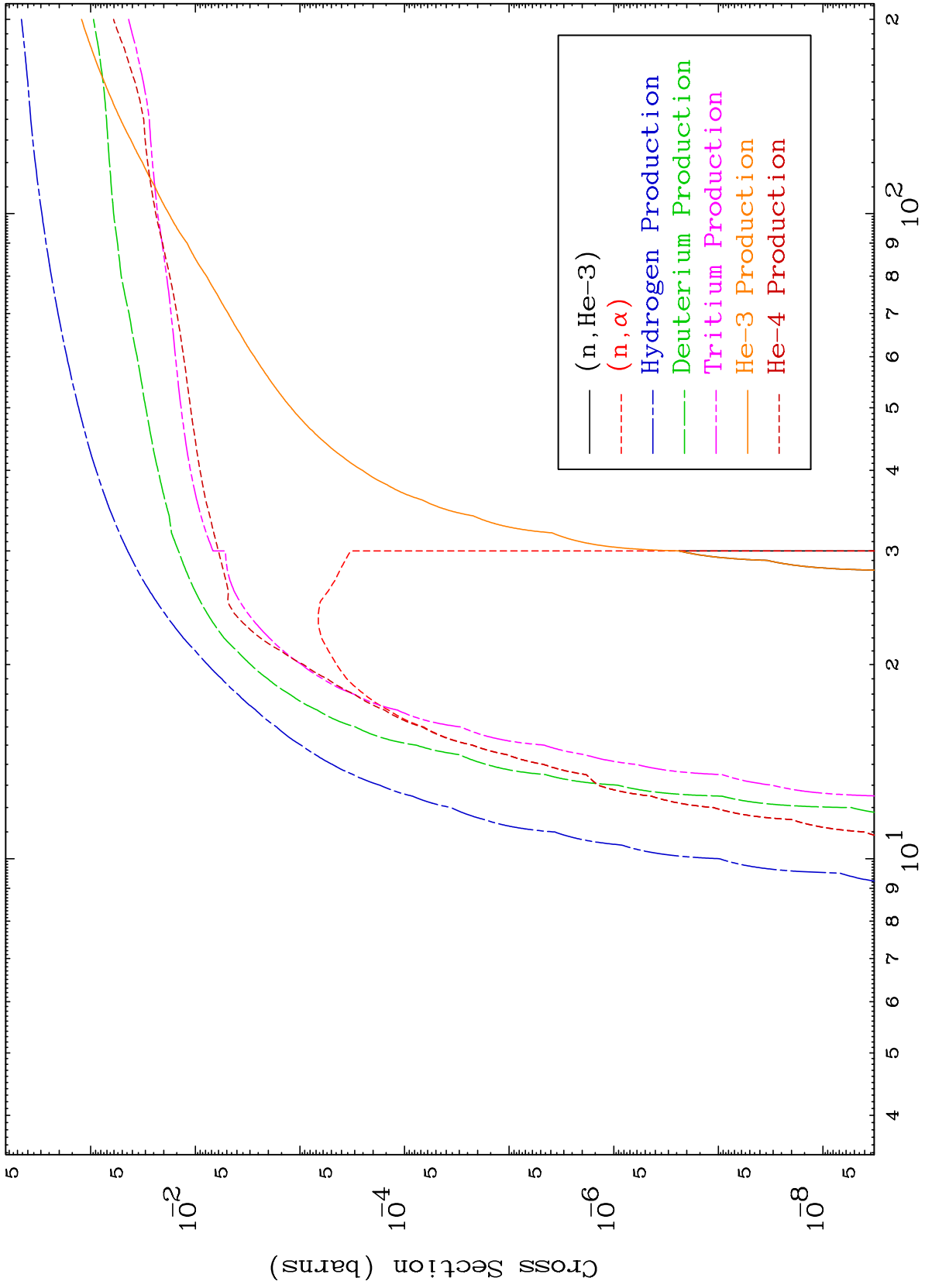


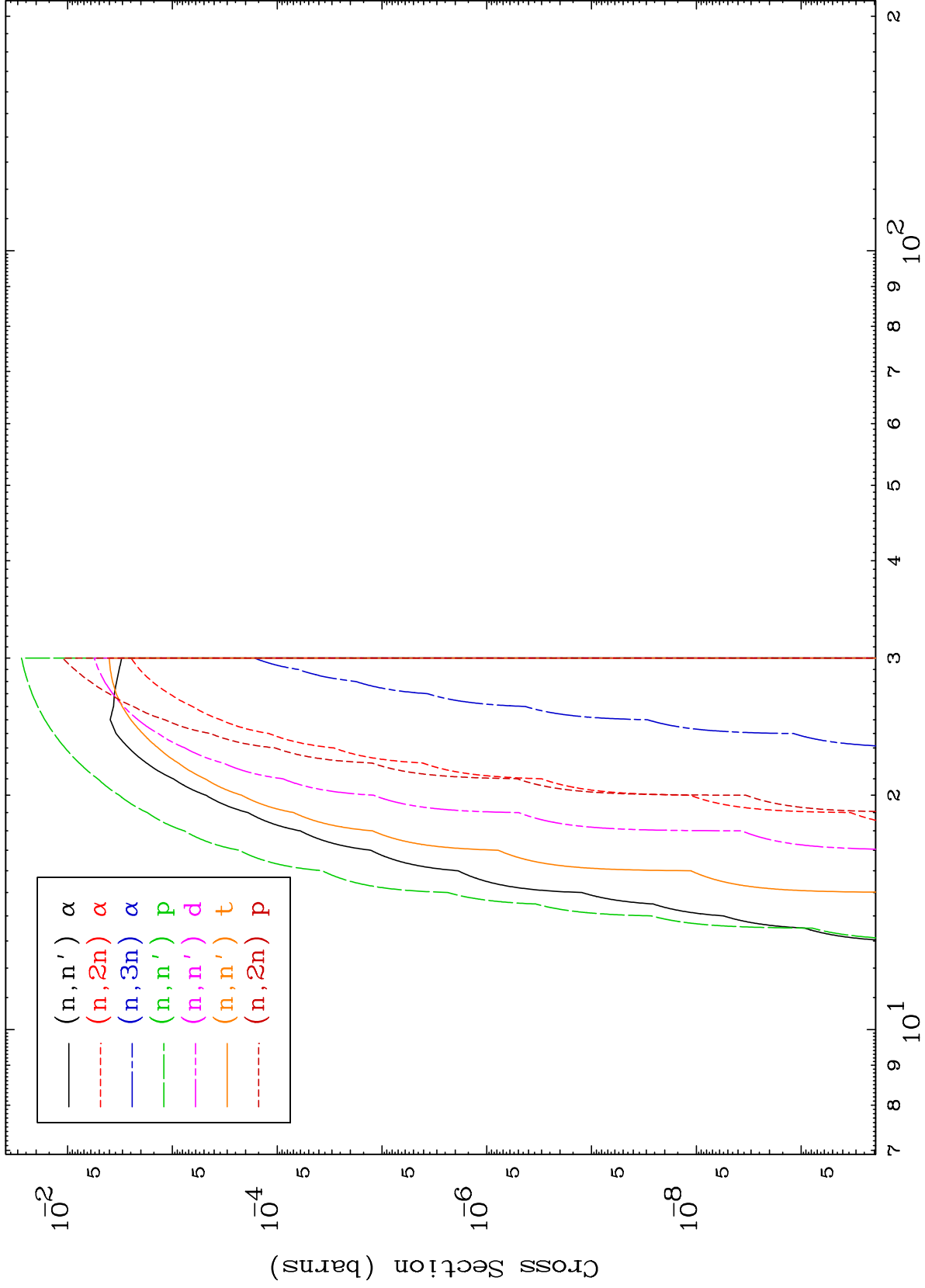
MAT 3955

Neutron Absorption  
293 Kelvin Cross Sections

39-Y -99



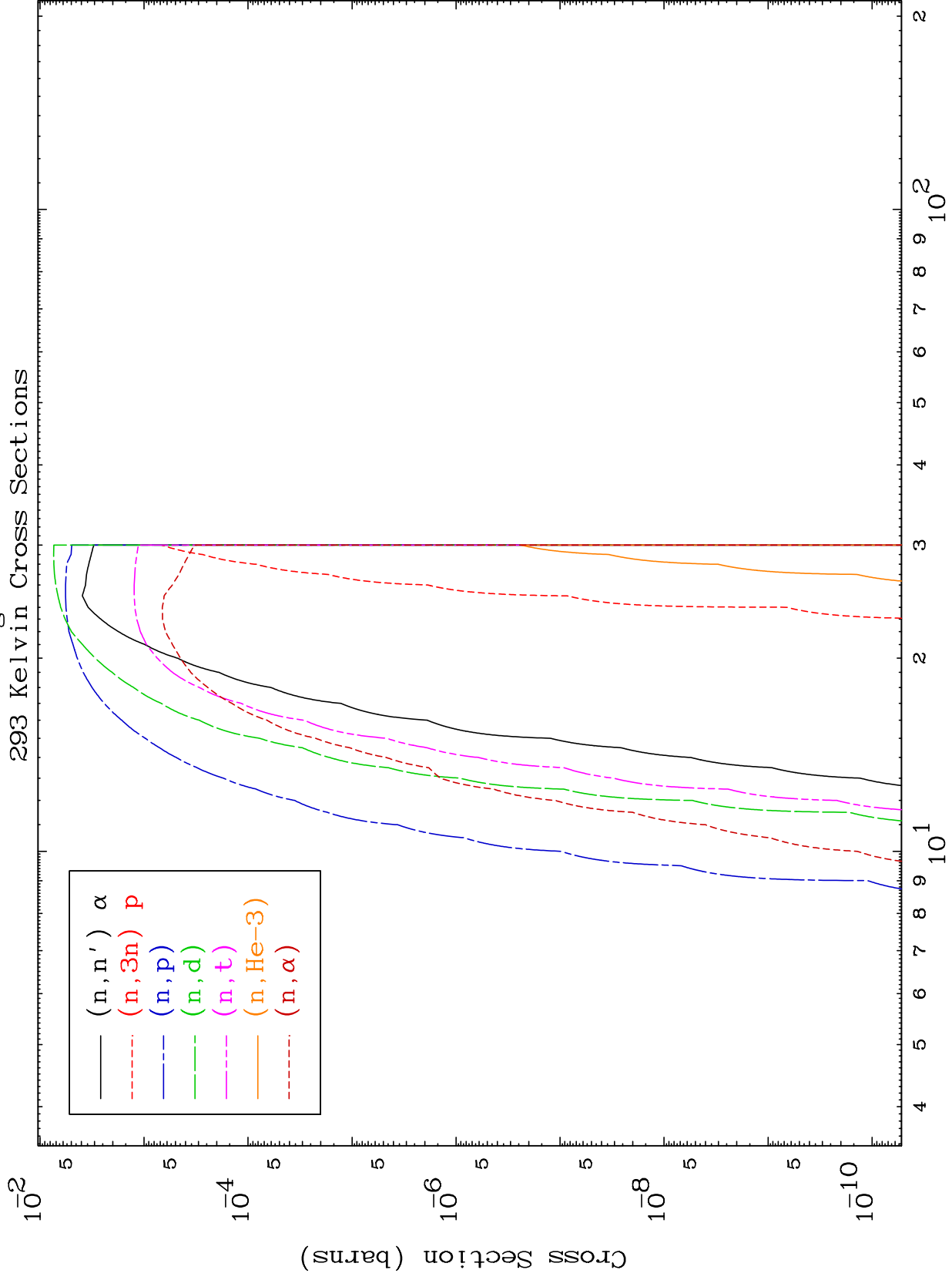




MAT 3955

Charged Particle  
293 Kelvin Cross Sections

39-Y -99



6

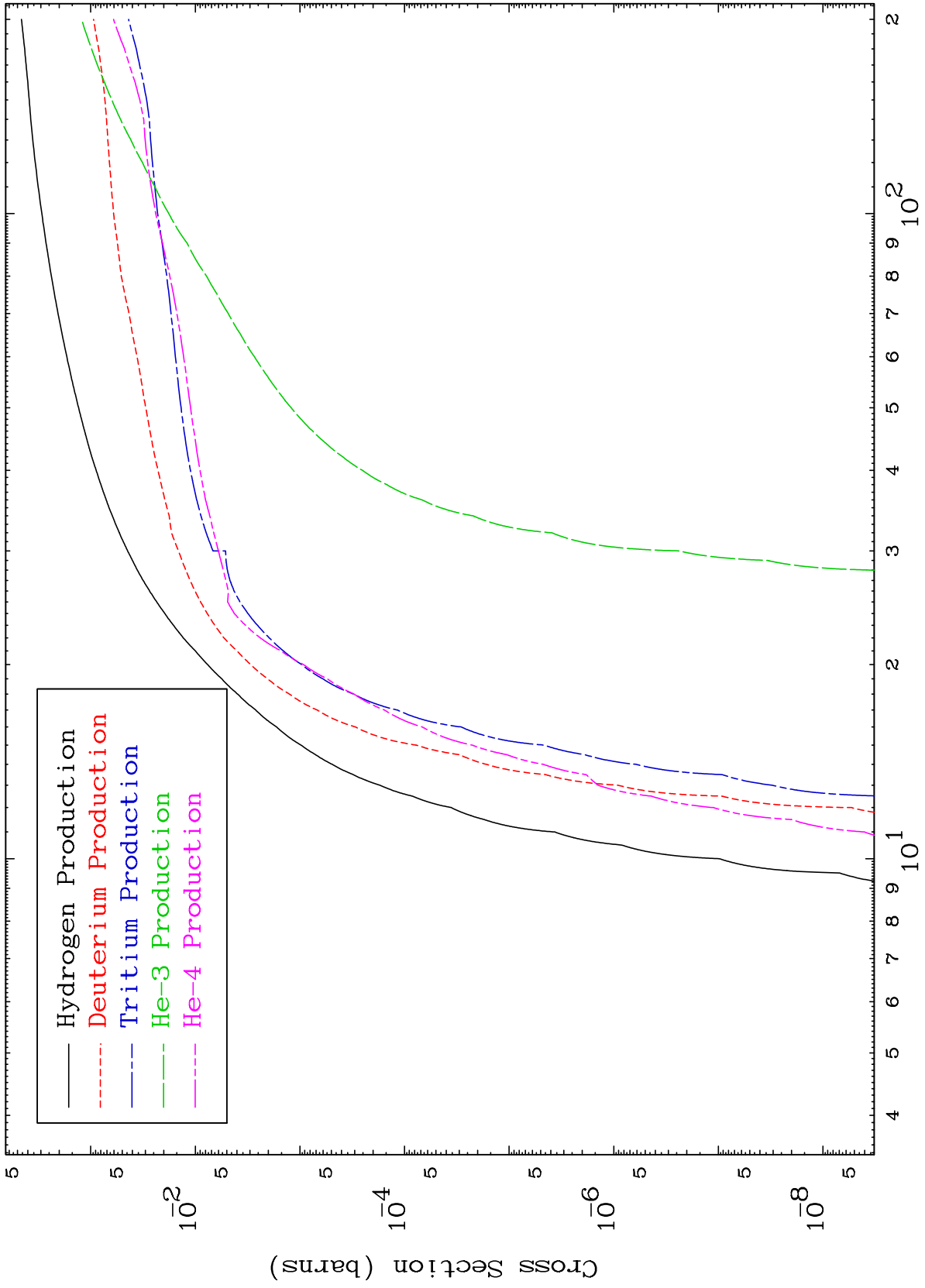
Incident Energy (MeV)

39-Y -99

MAT 3955

Particle Production  
293 Kelvin Cross Sections

39-Y -99

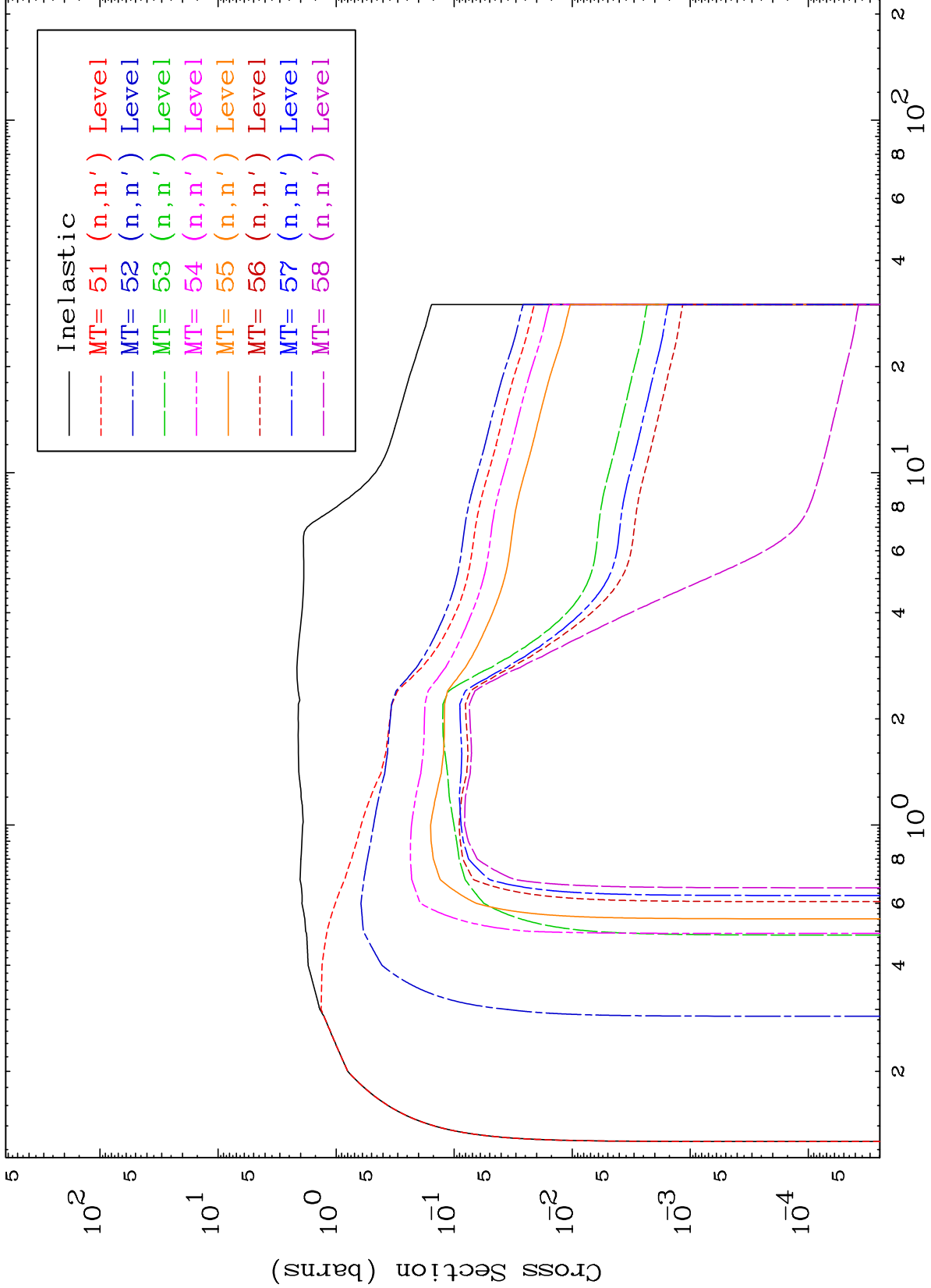


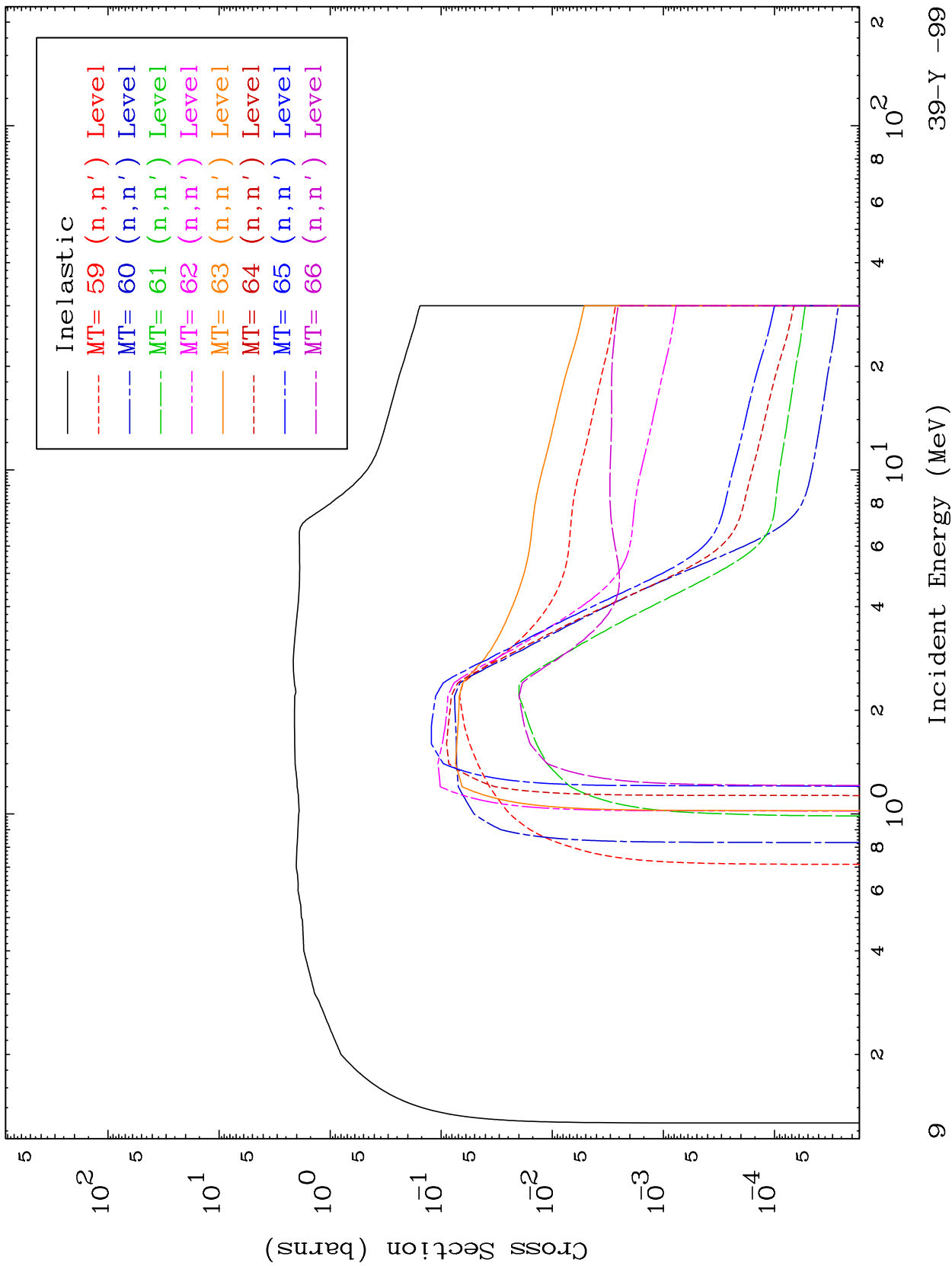
7

Incident Energy (MeV)

39-Y -99



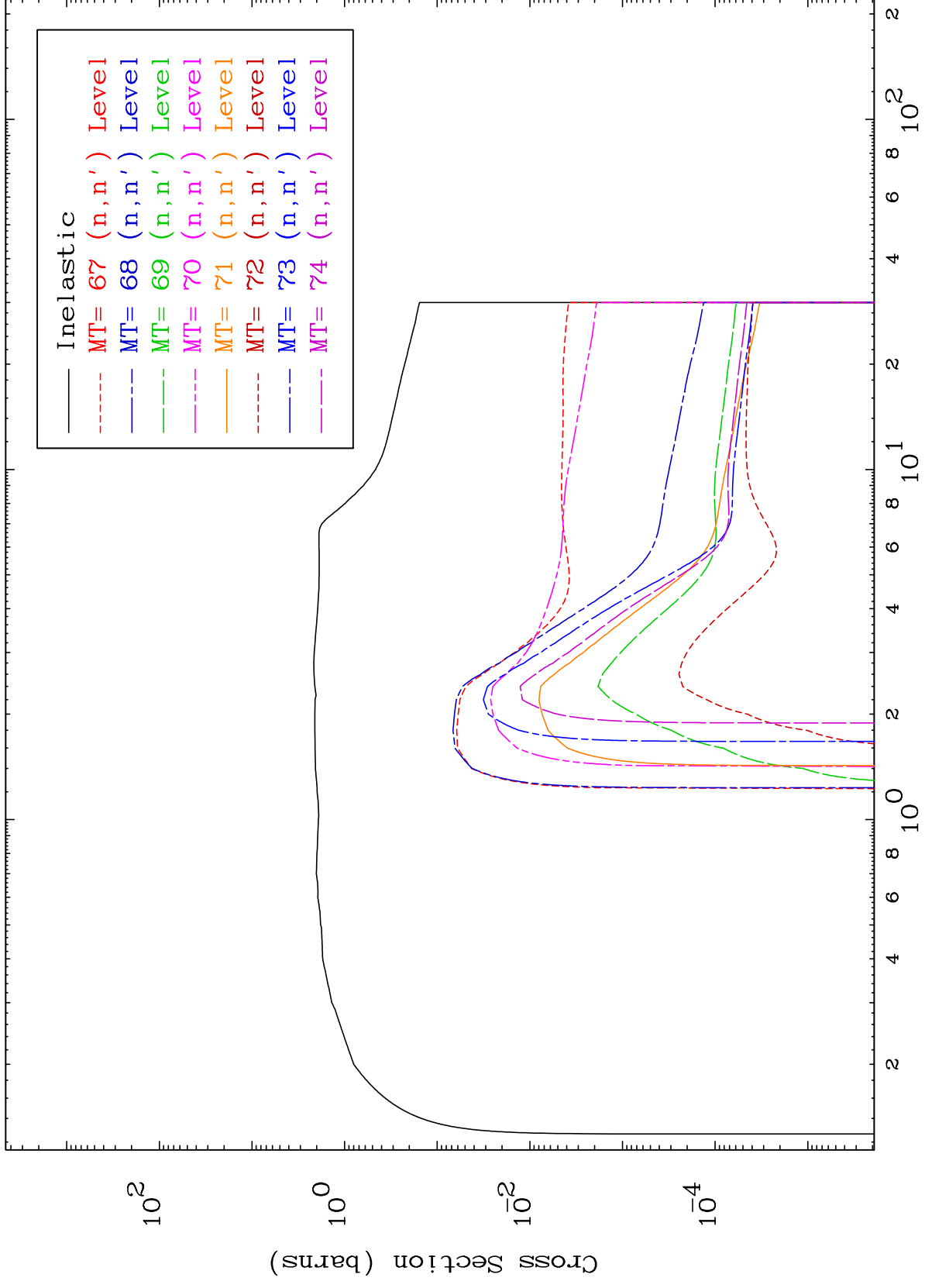




MAT 3955

(n,n') Levels  
293 Kelvin Cross Sections

39-Y -99



10

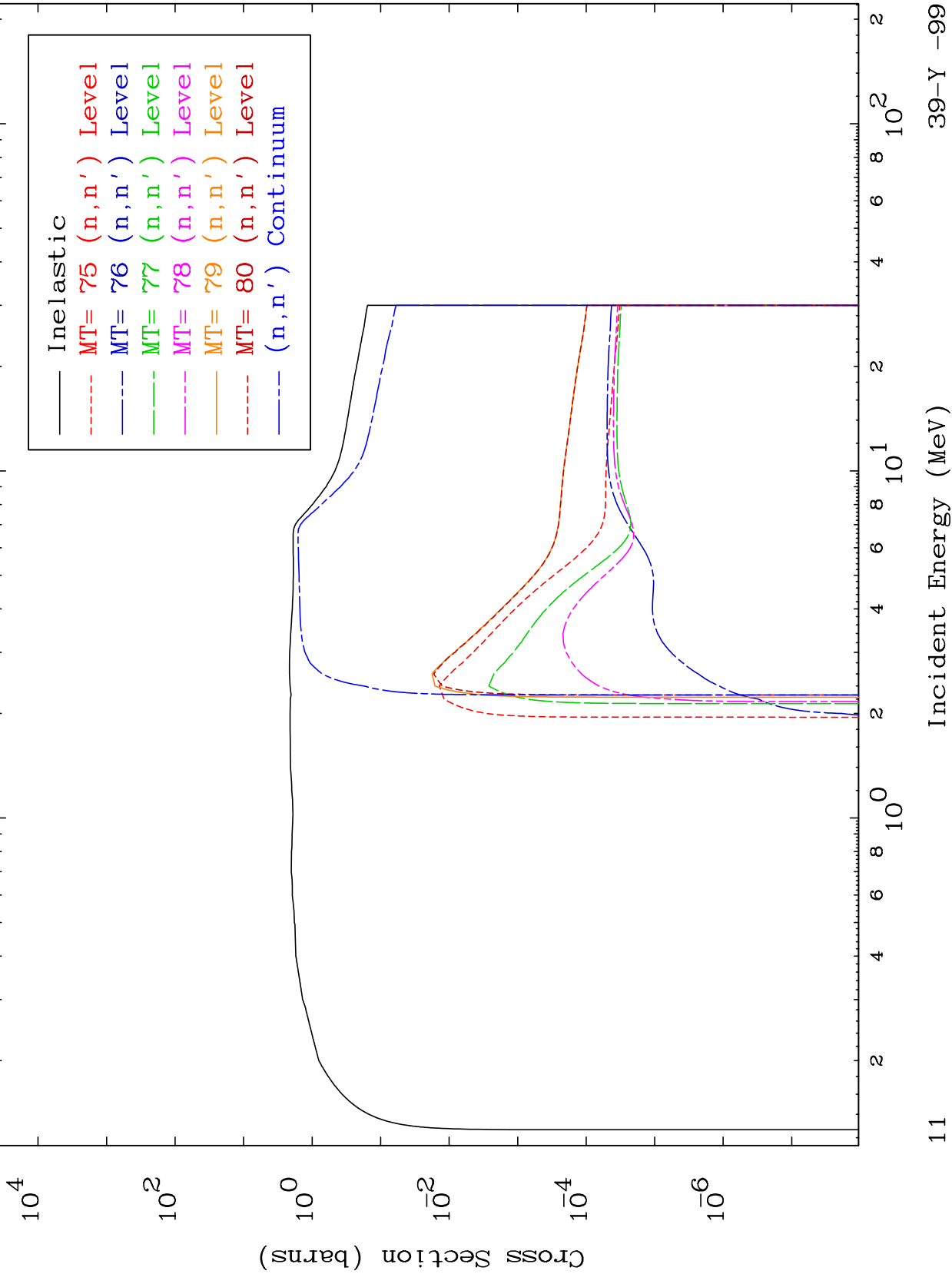
Incident Energy (MeV)

39-Y -99

MAT 3955

(n,n') Levels  
293 Kelvin Cross Sections

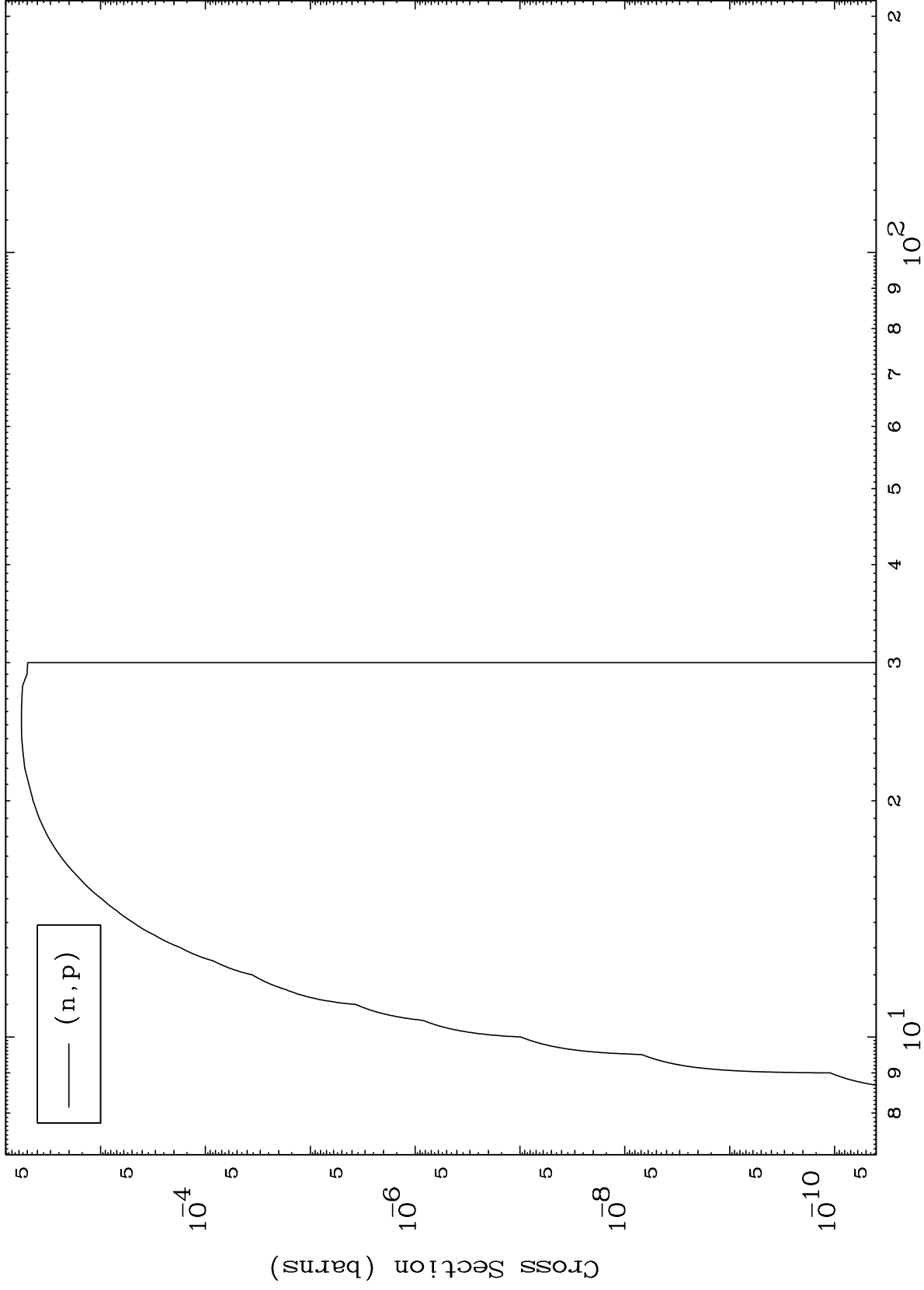
39-Y -99



MAT 3955

(n,p) Levels  
293 Kelvin Cross Sections

39-Y -99



12

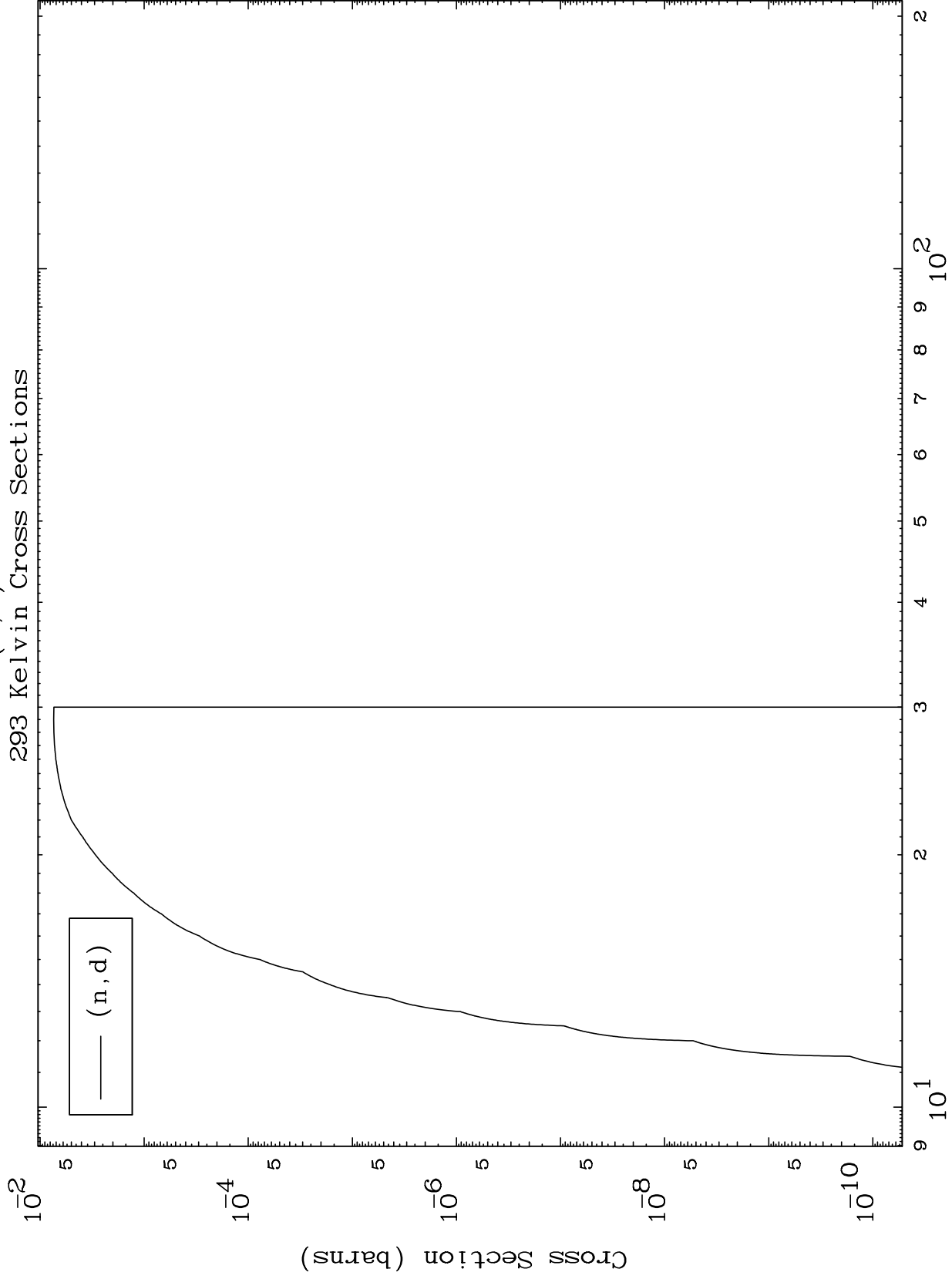
Incident Energy (MeV)

39-Y -99

MAT 3955

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -99



13

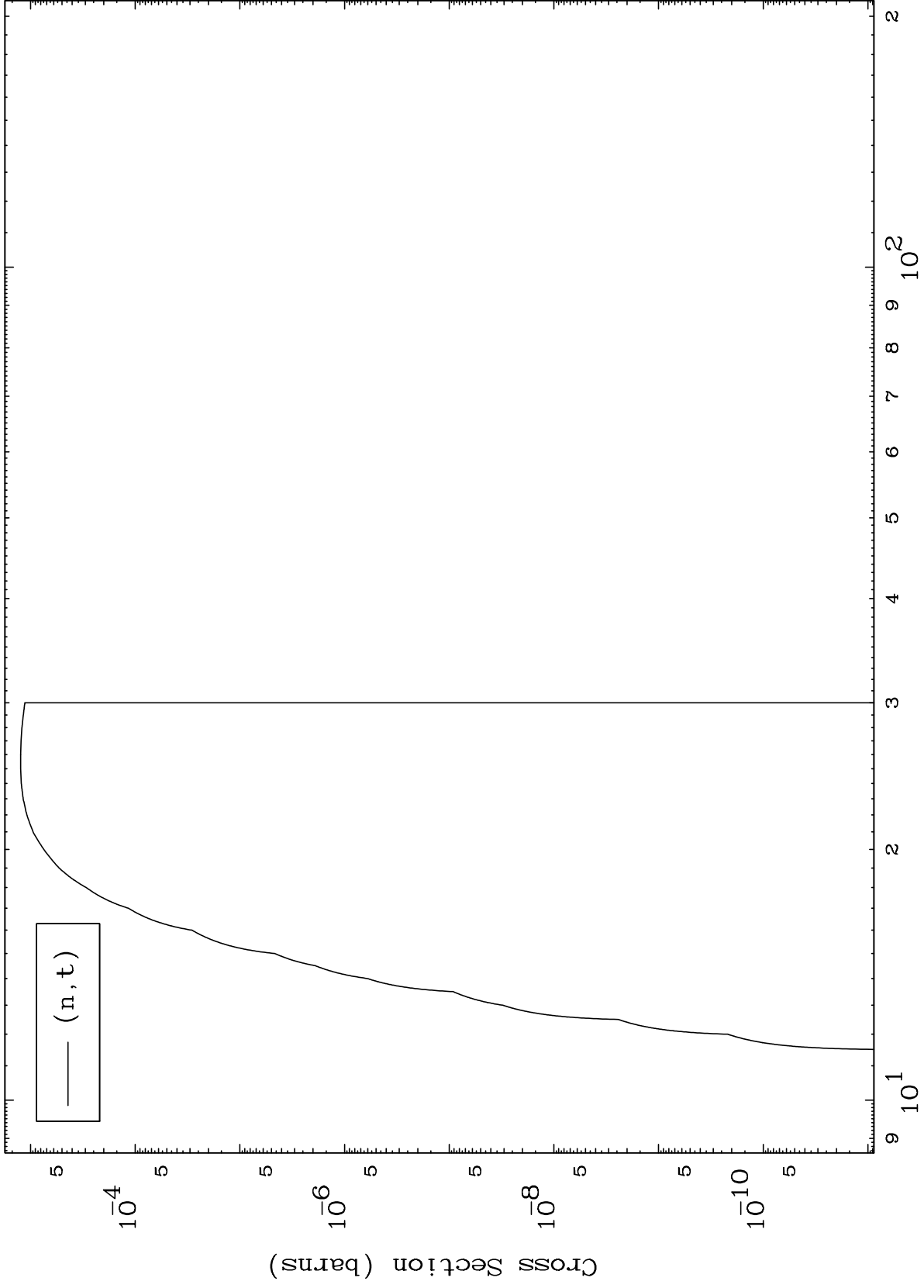
Incident Energy (MeV)

39-Y -99

MAT 3955

(n,t) Levels  
293 Kelvin Cross Sections

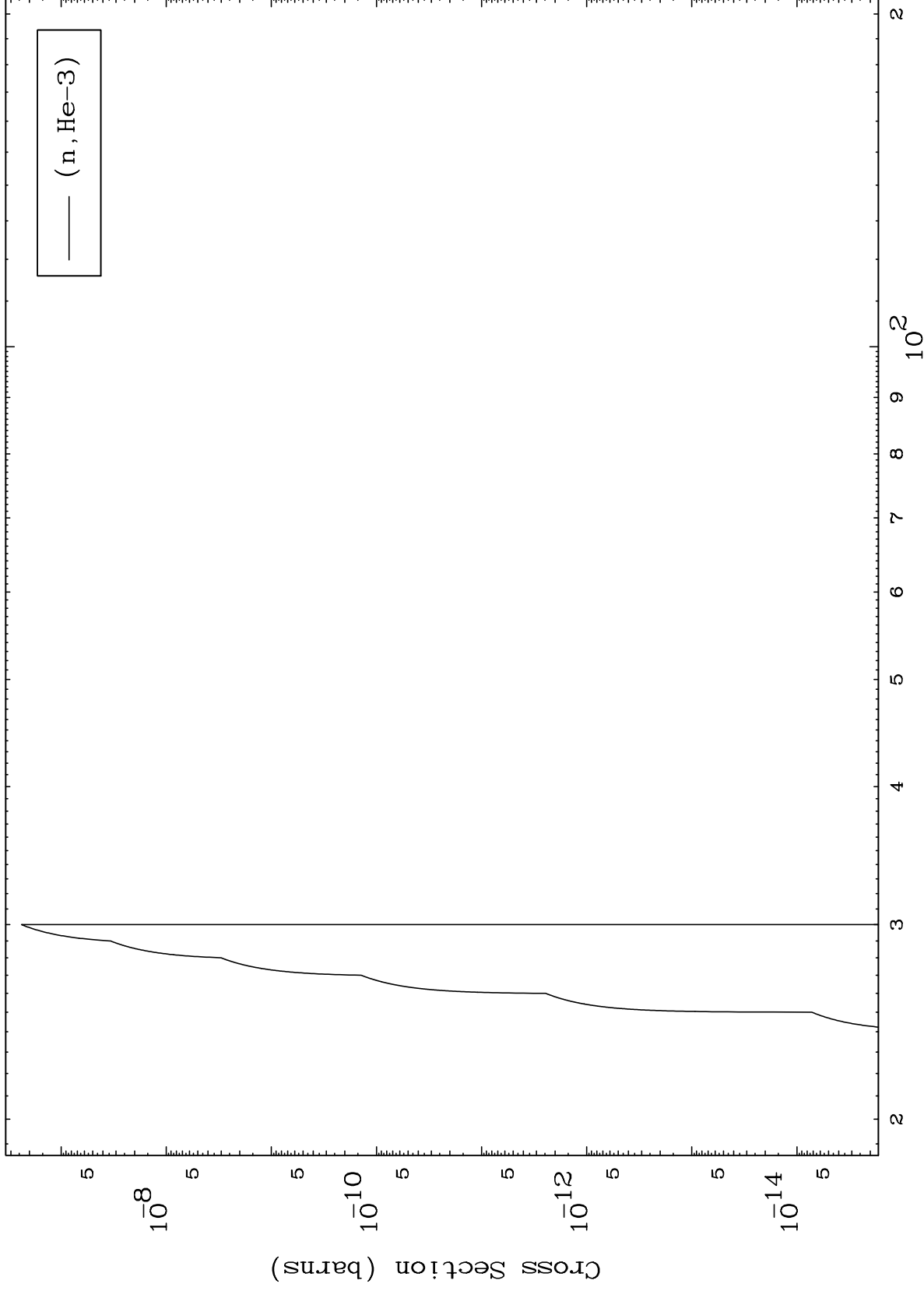
39-Y -99



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Incident Energy (MeV)

39-Y -99

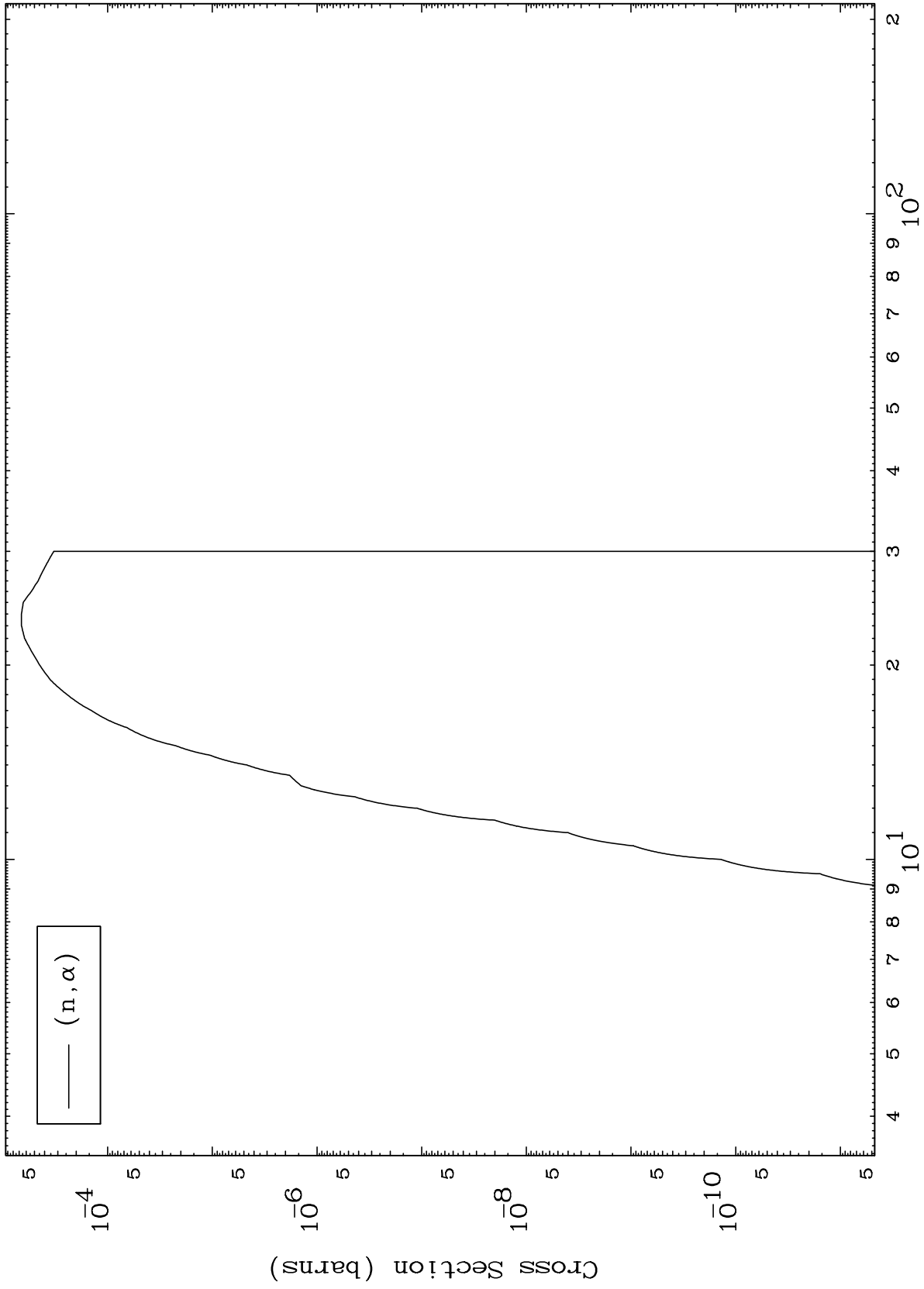




MAT 3955

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

39-Y -99



16

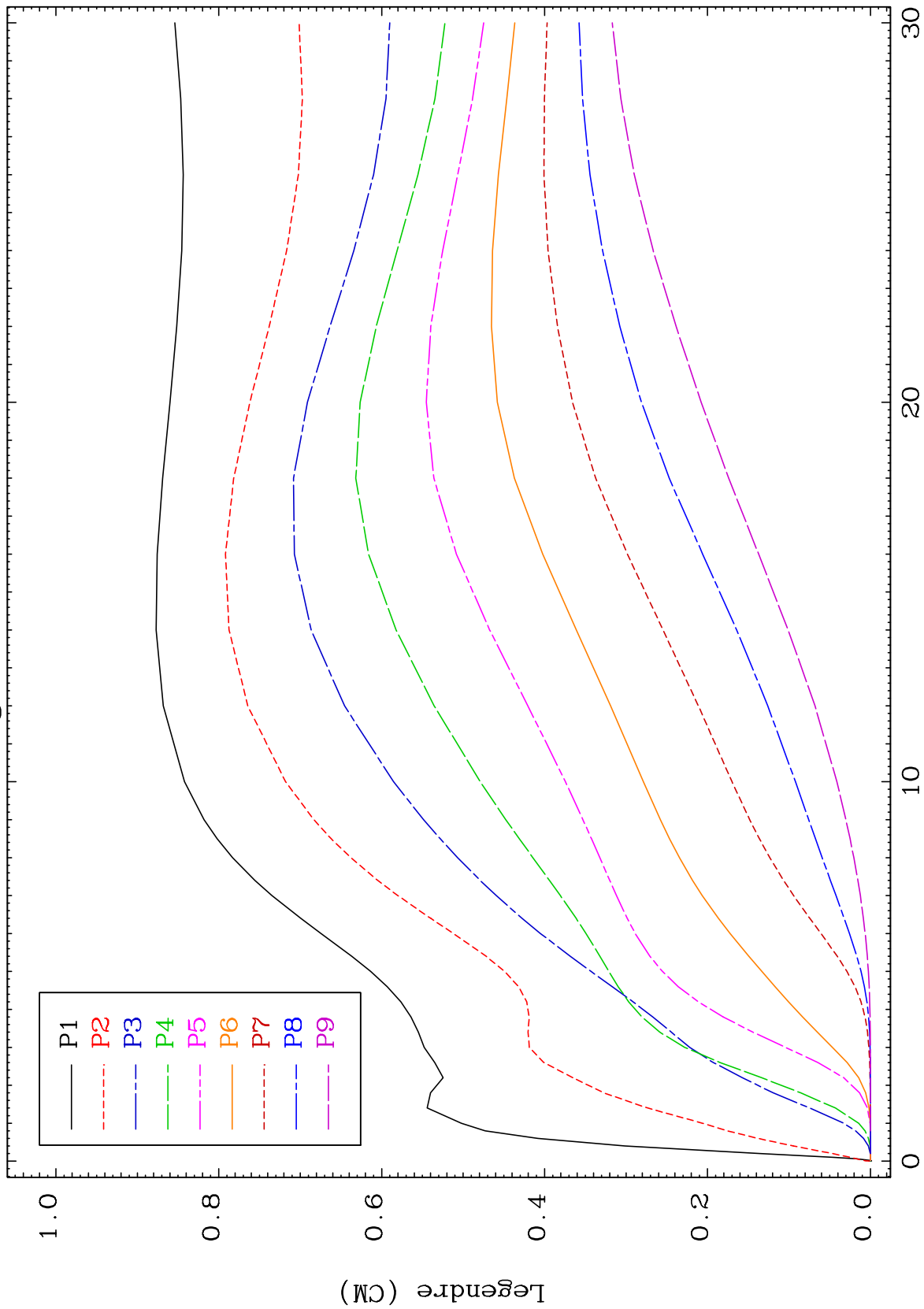
Incident Energy (MeV)

39-Y -99

MAT 3955

Elastic Legendre Coefficients

39-Y -99



17

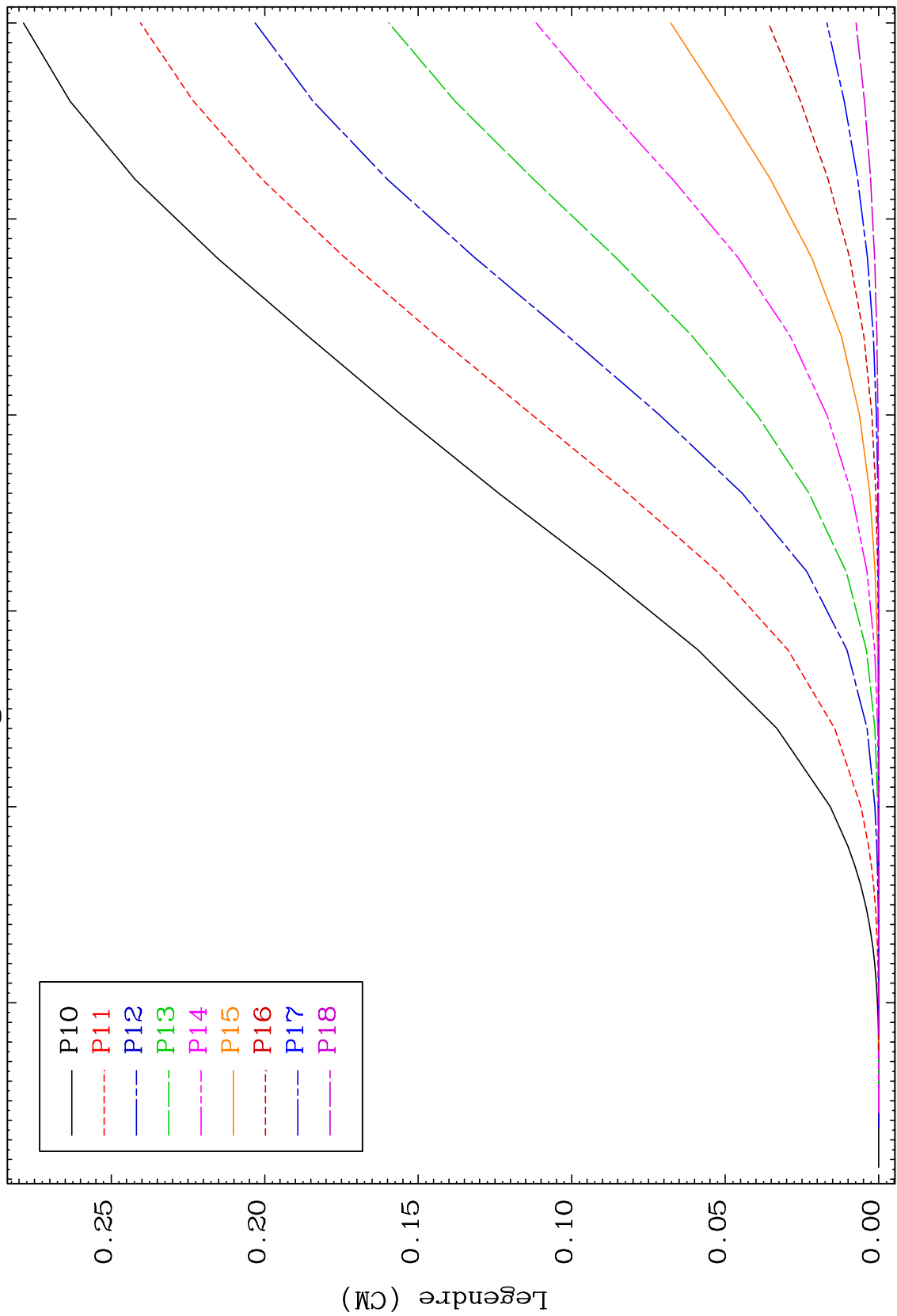
Incident Energy (MeV)

39-Y -99

MAT 3955

### Elastic Legendre Coefficients

39-Y -99



18

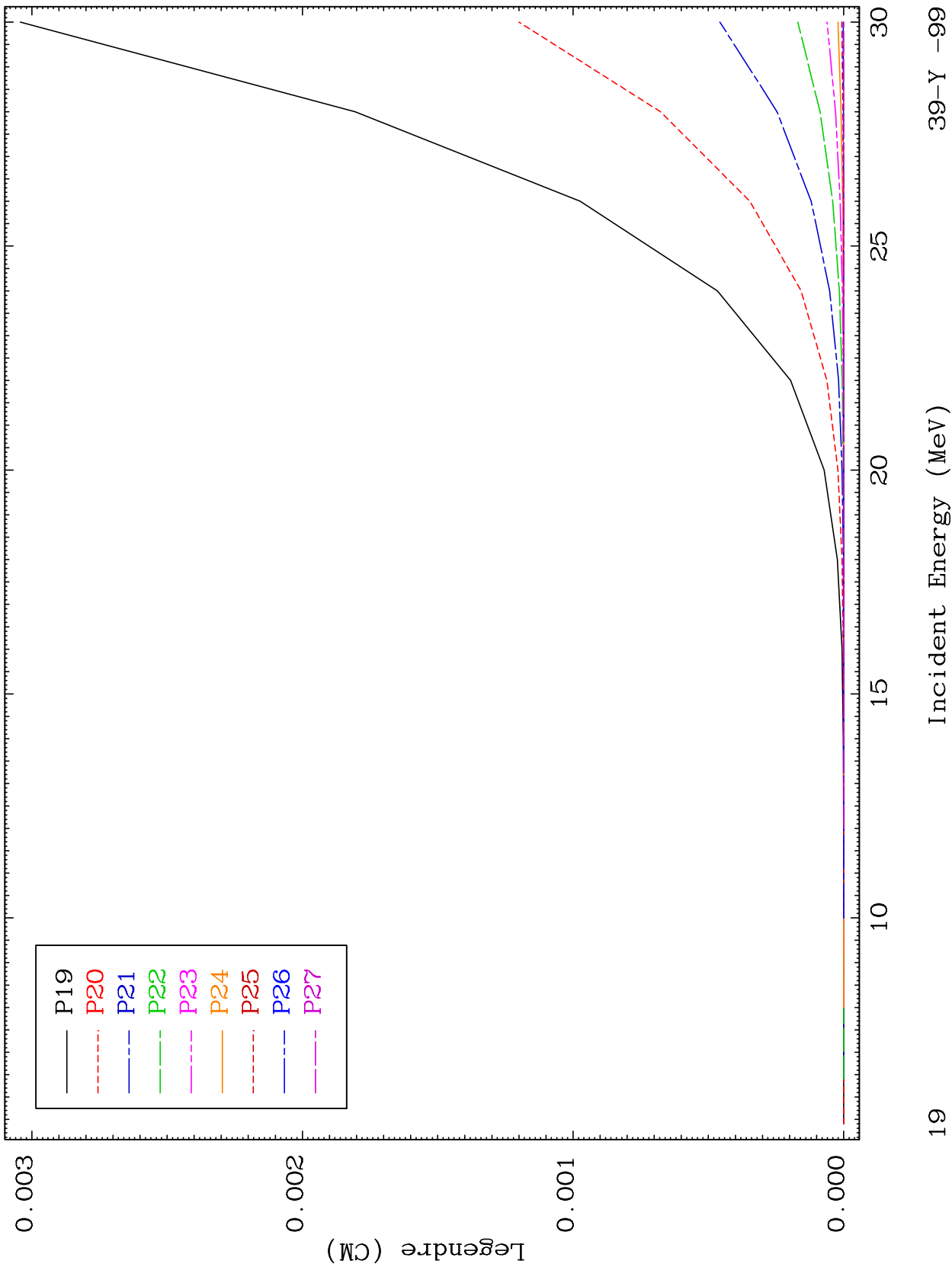
Incident Energy (MeV)

39-Y -99

MAT 3955

### Elastic Legendre Coefficients

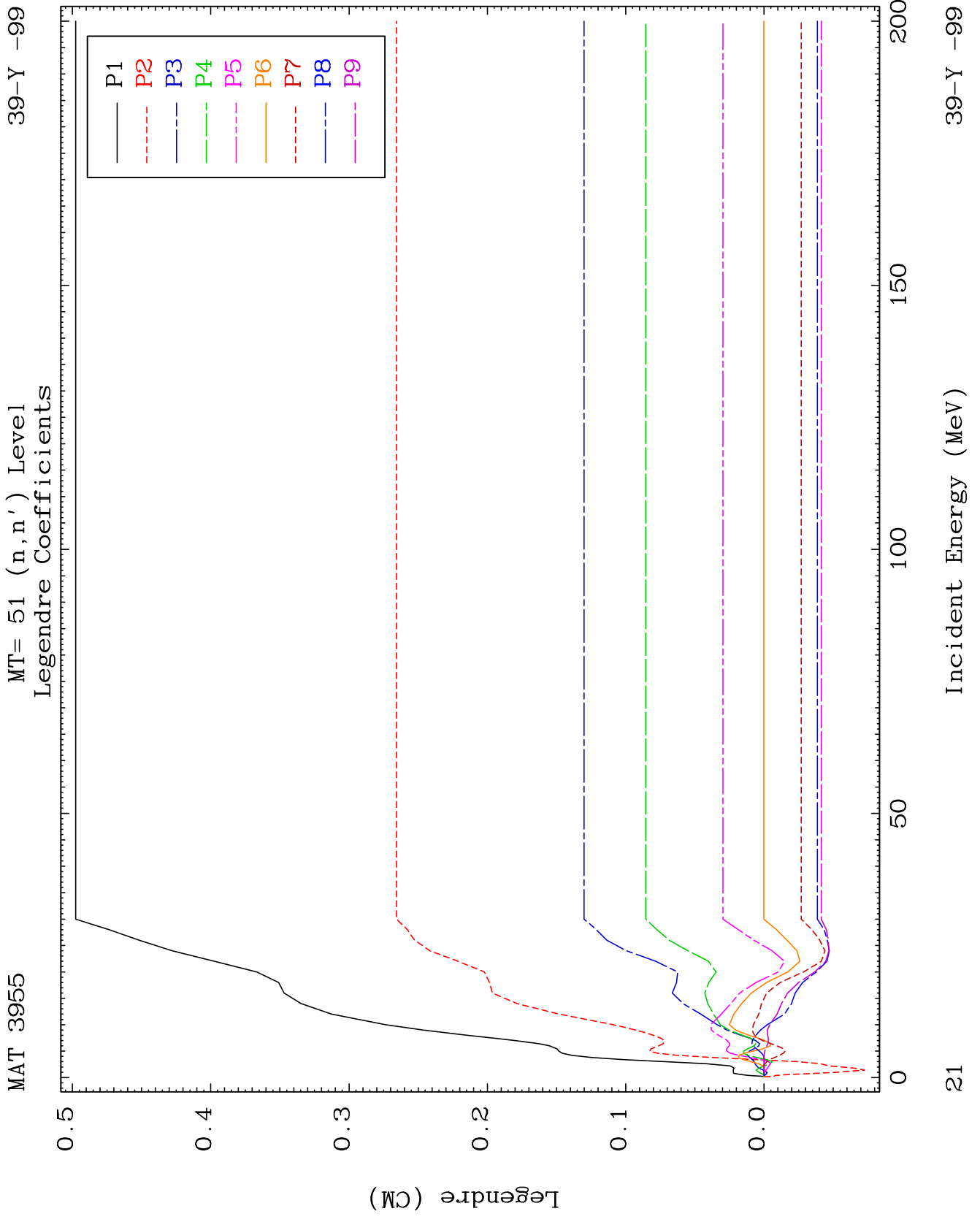
39-Y -99



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39-Y -99

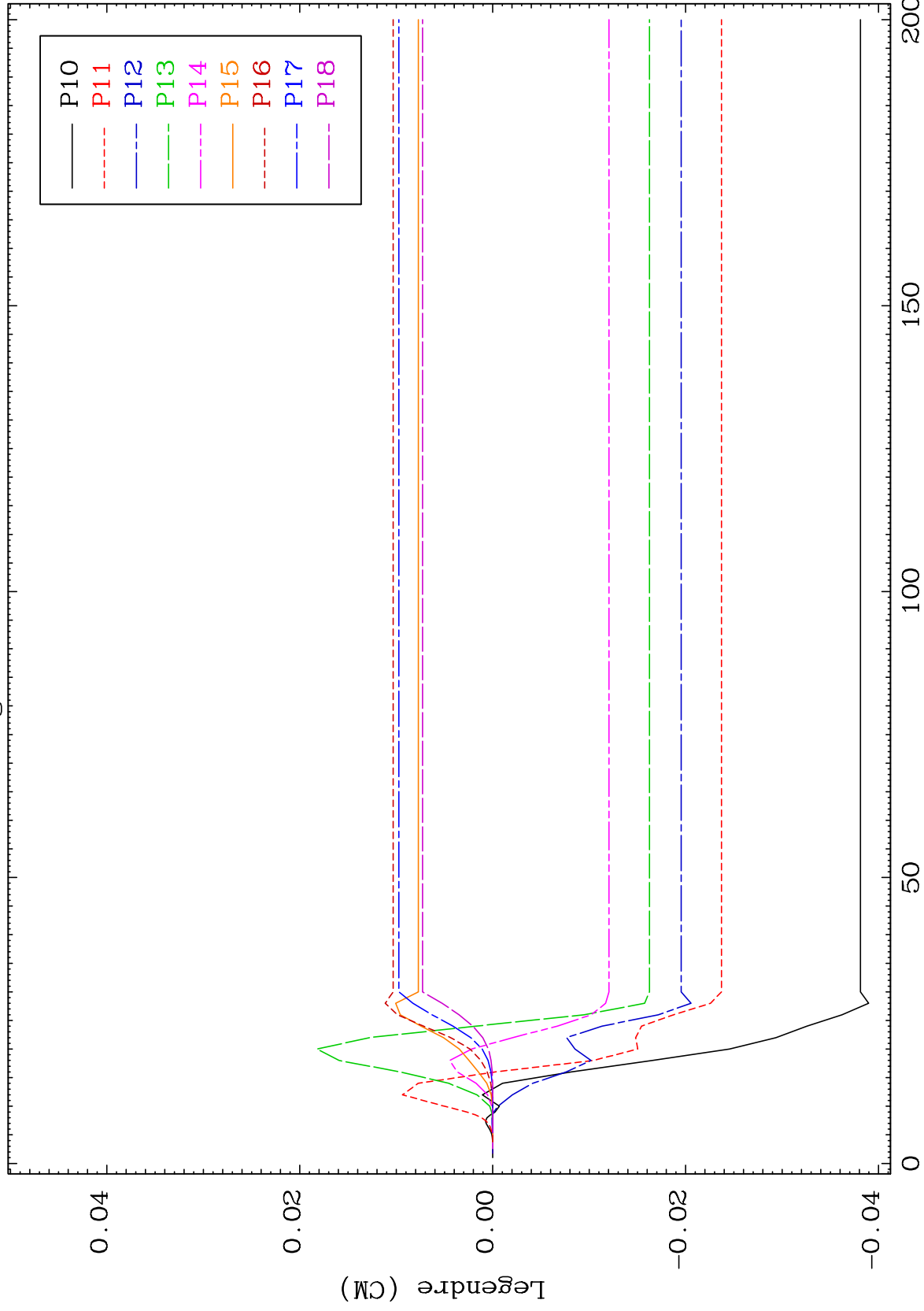




MAT 3955

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

39-Y -99



22

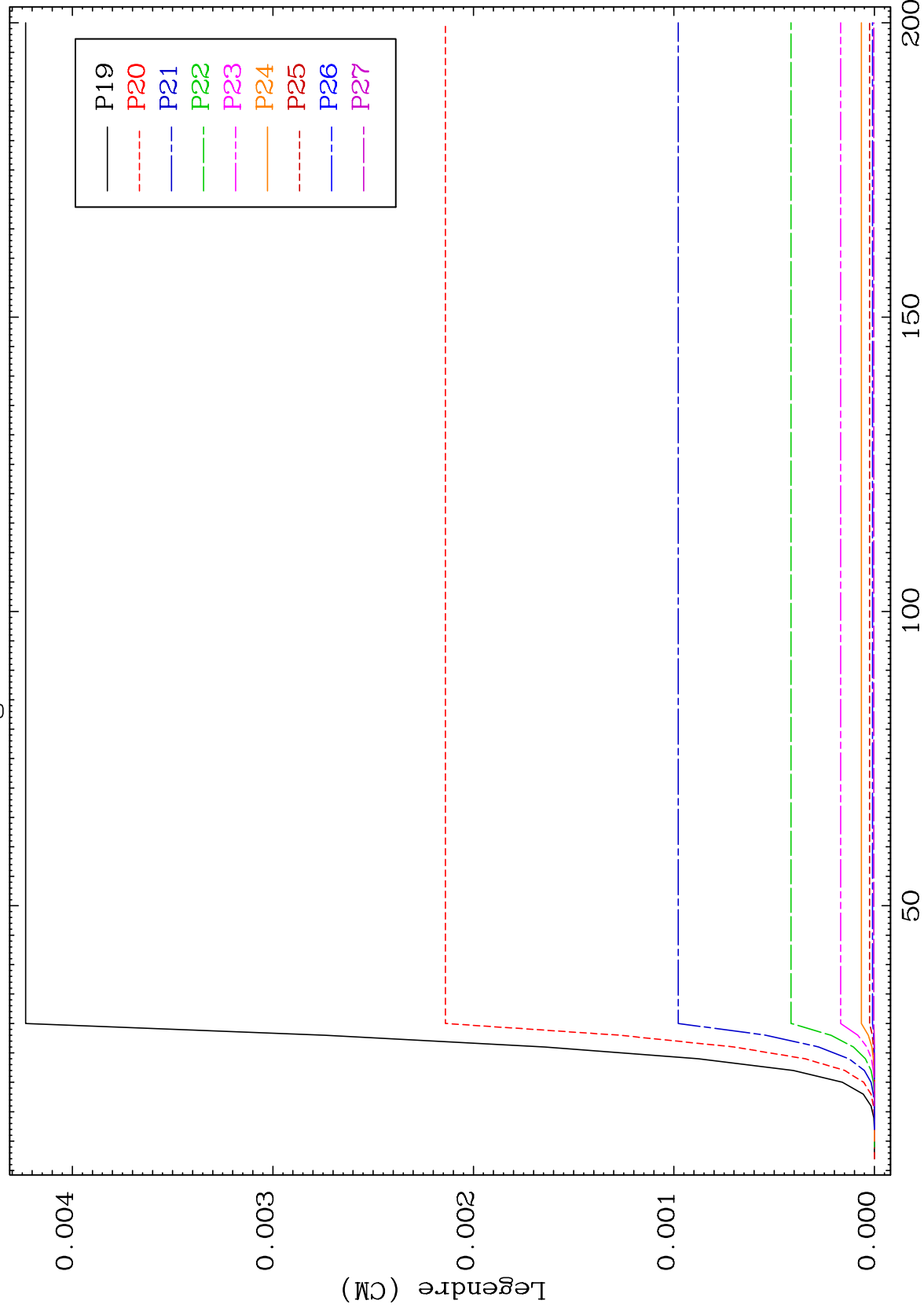
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



23

Incident Energy (MeV)

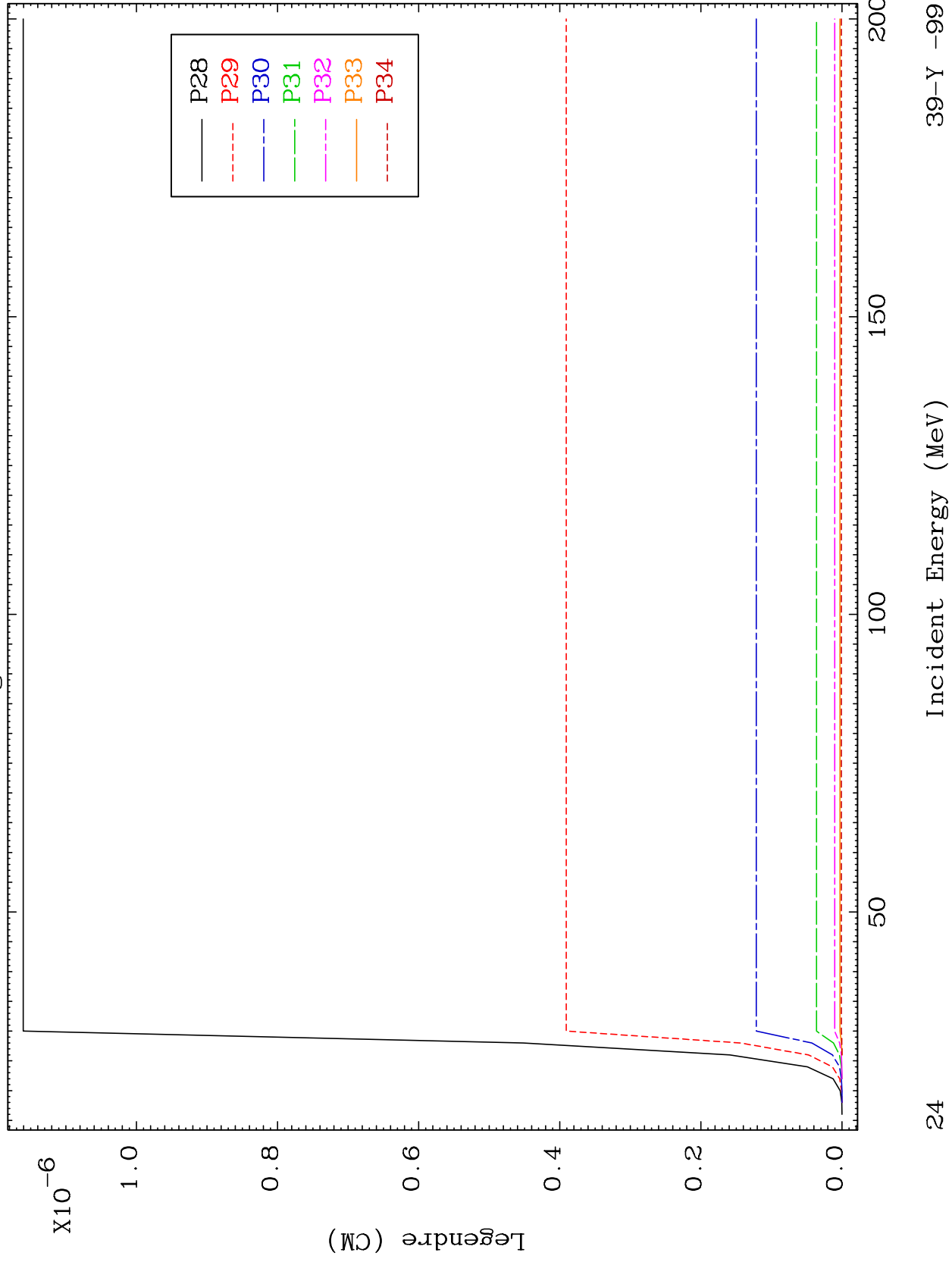
39-Y -99



MAT 3955

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

39-Y -99

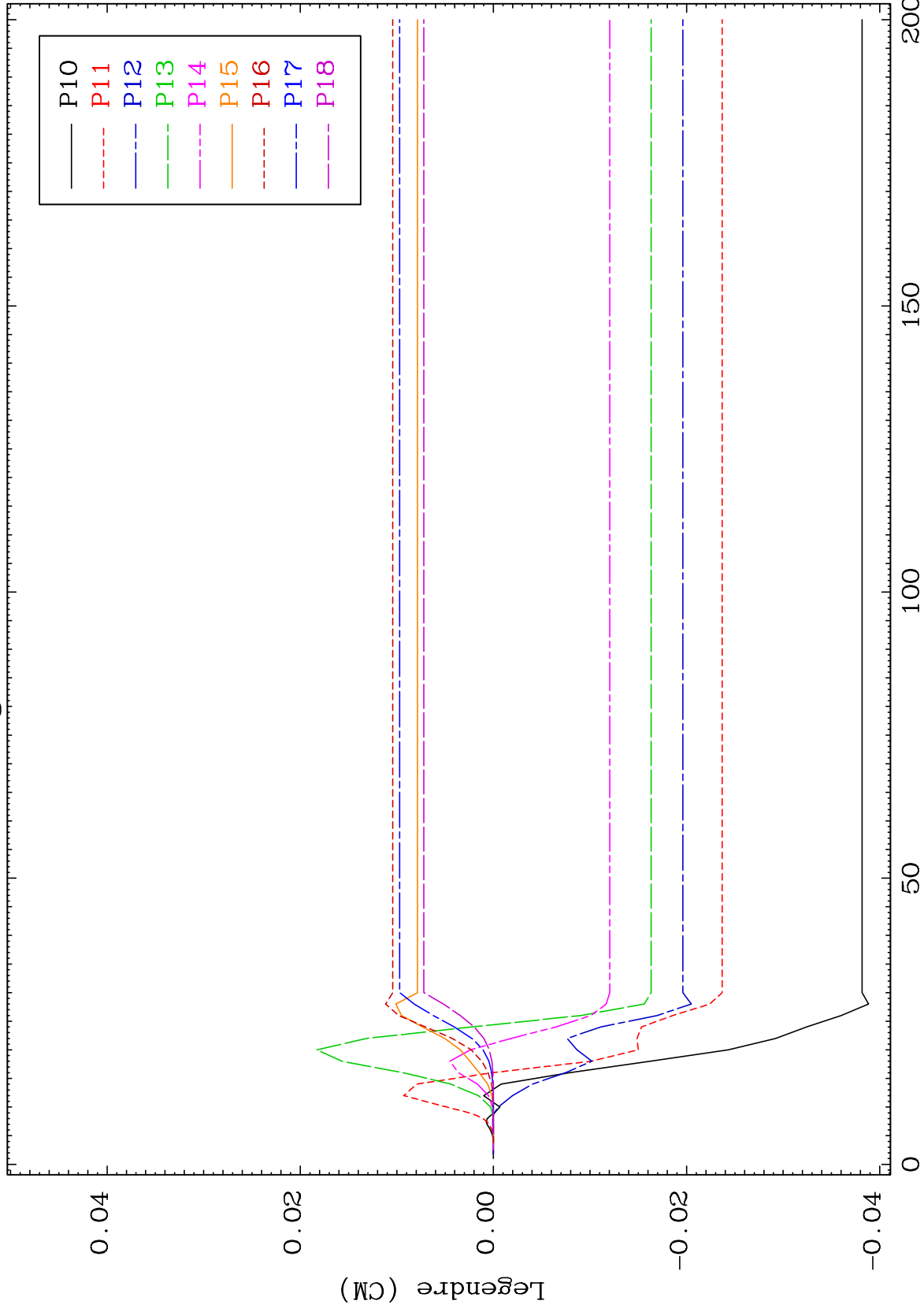




MAT 3955

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

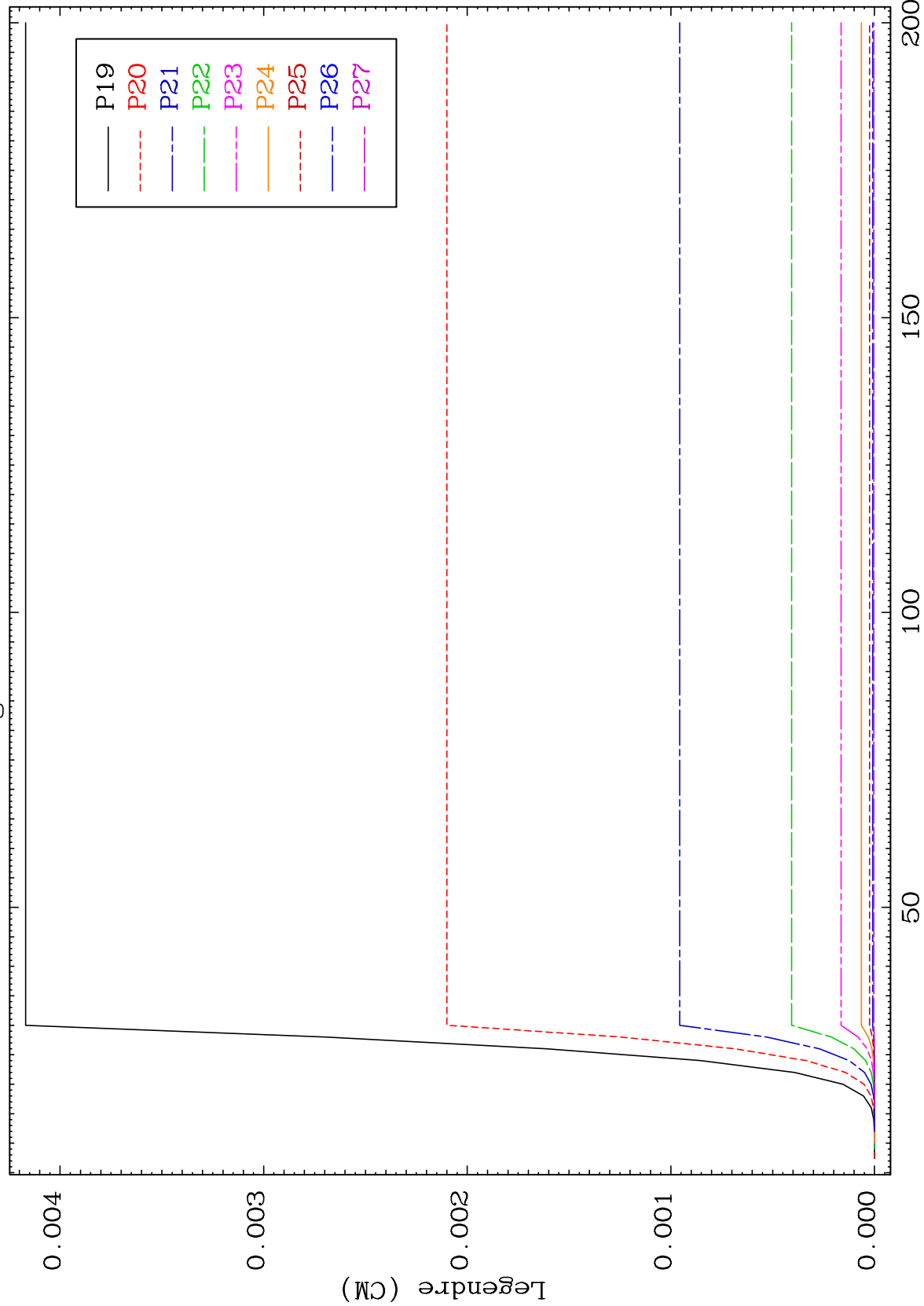
39-Y -99



26

Incident Energy (MeV)

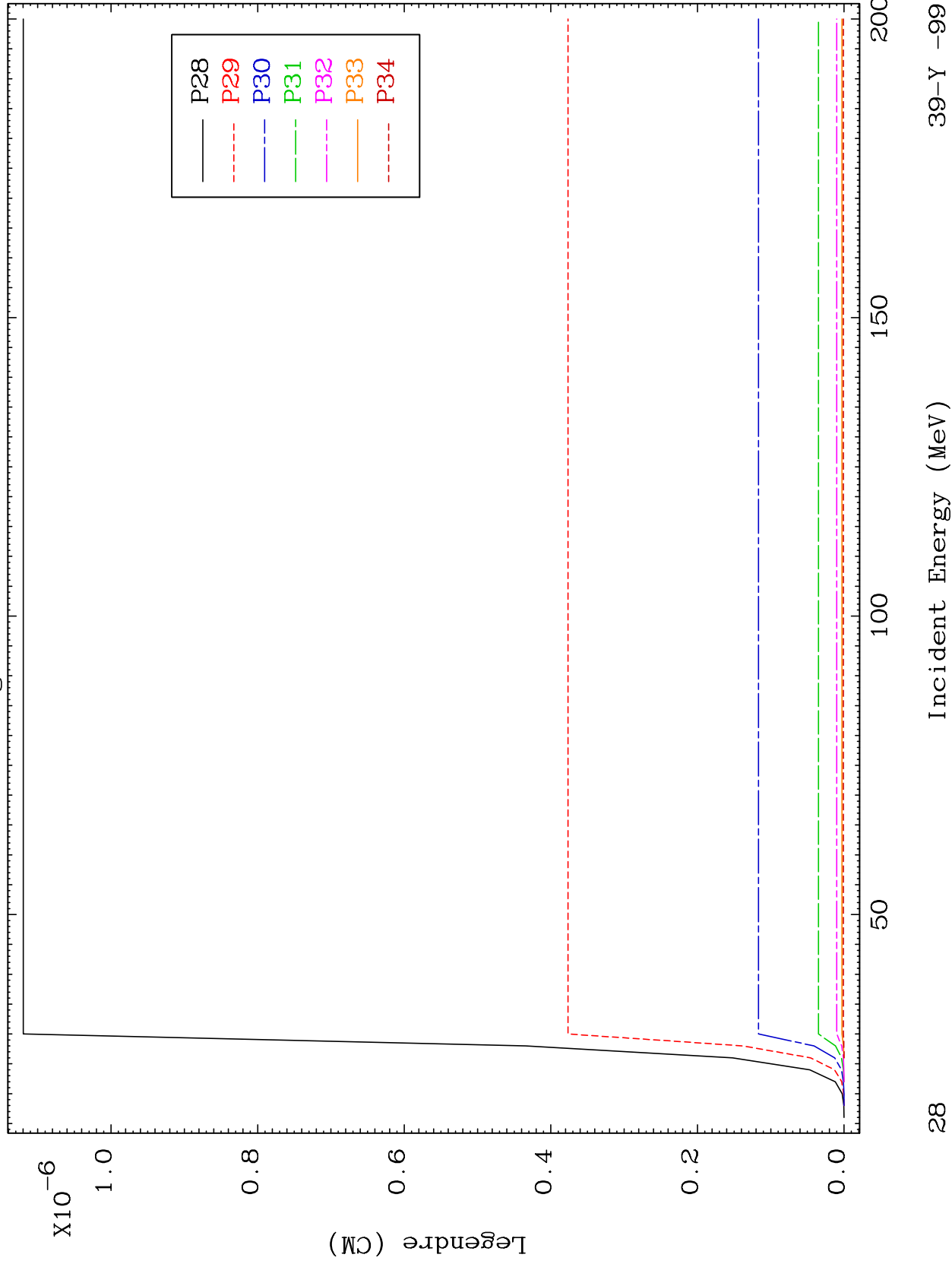
39-Y -99



MAT 3955

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

39-Y -99



28

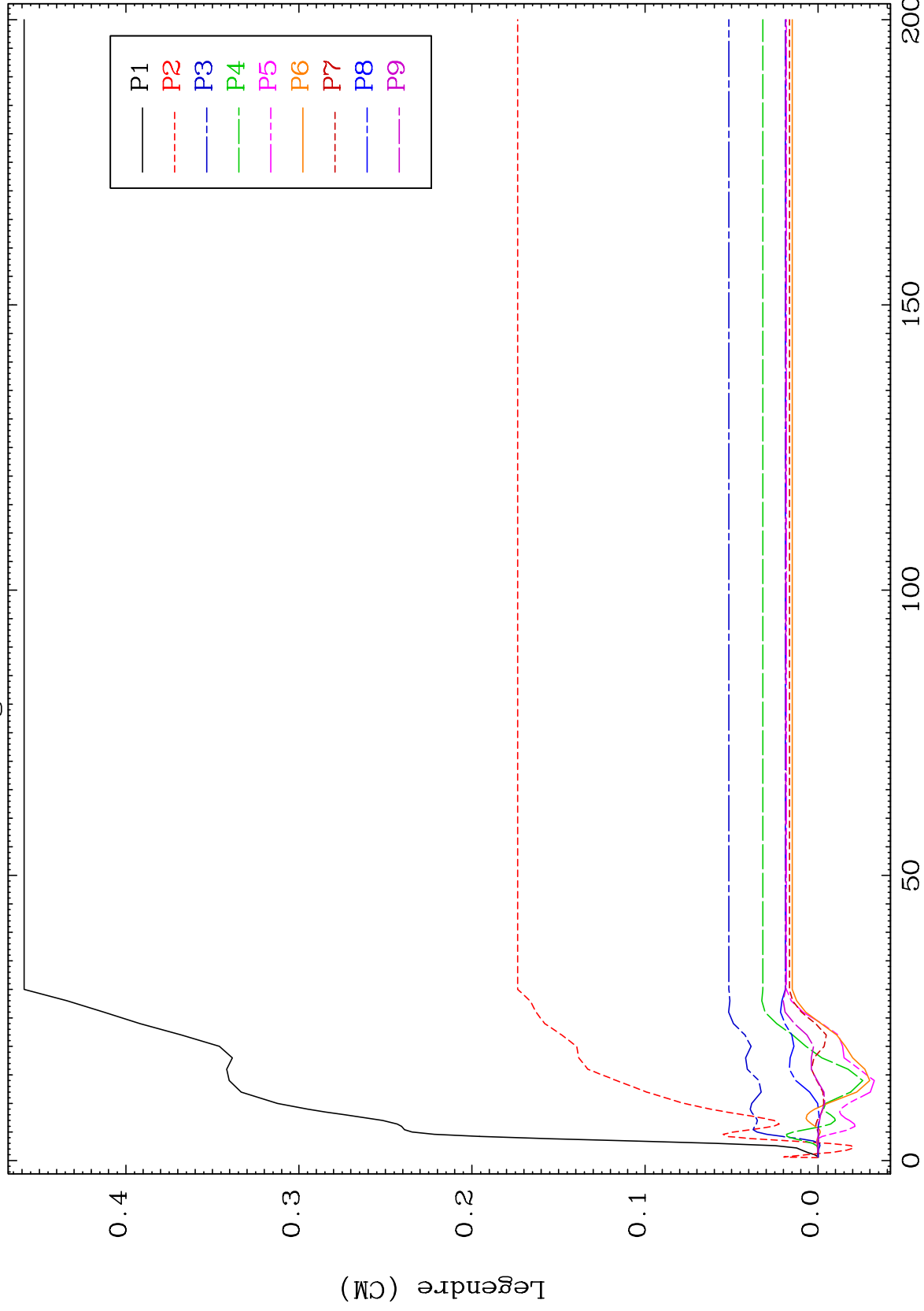
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



29

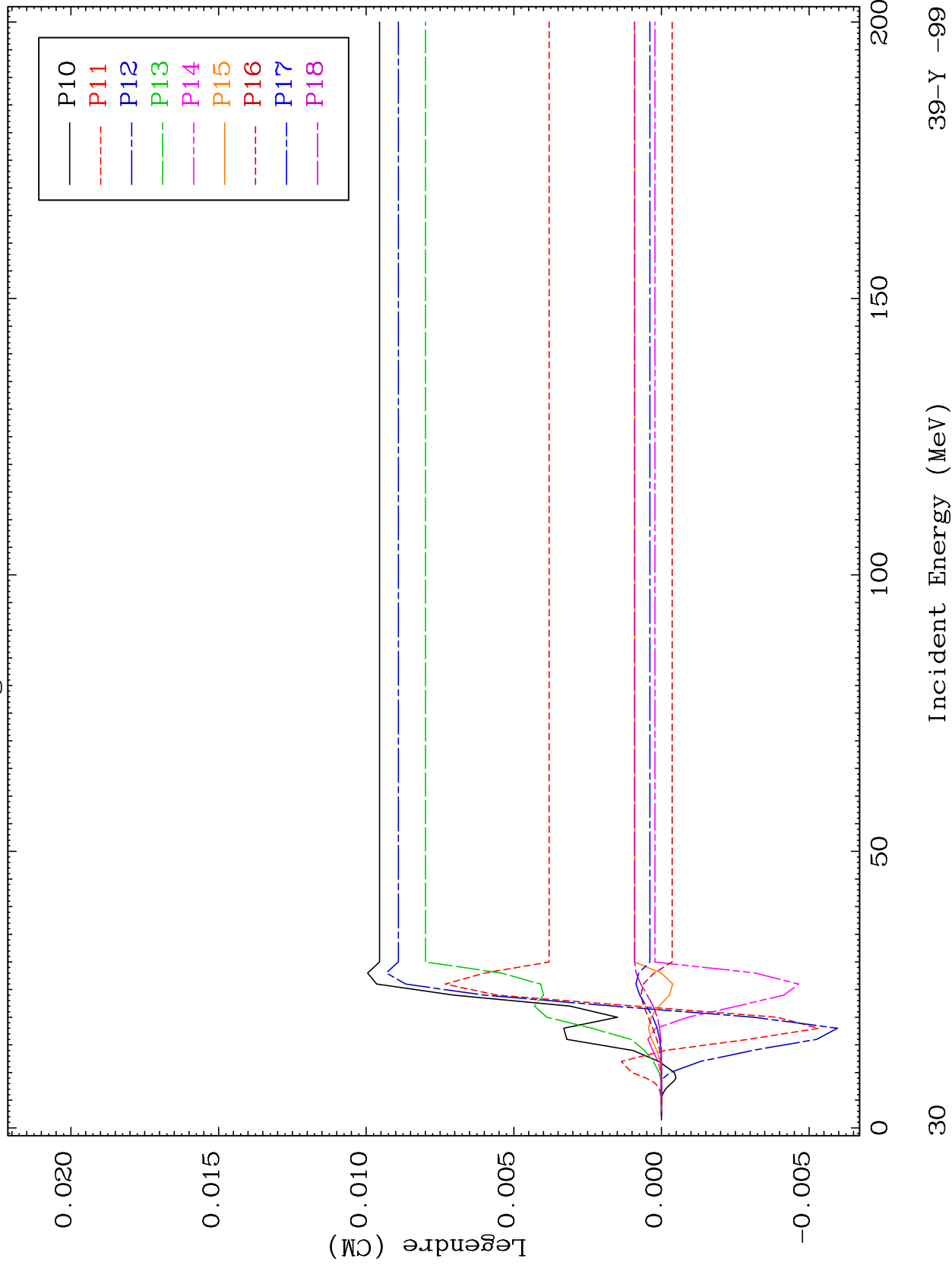
Incident Energy (MeV)

39-Y -99

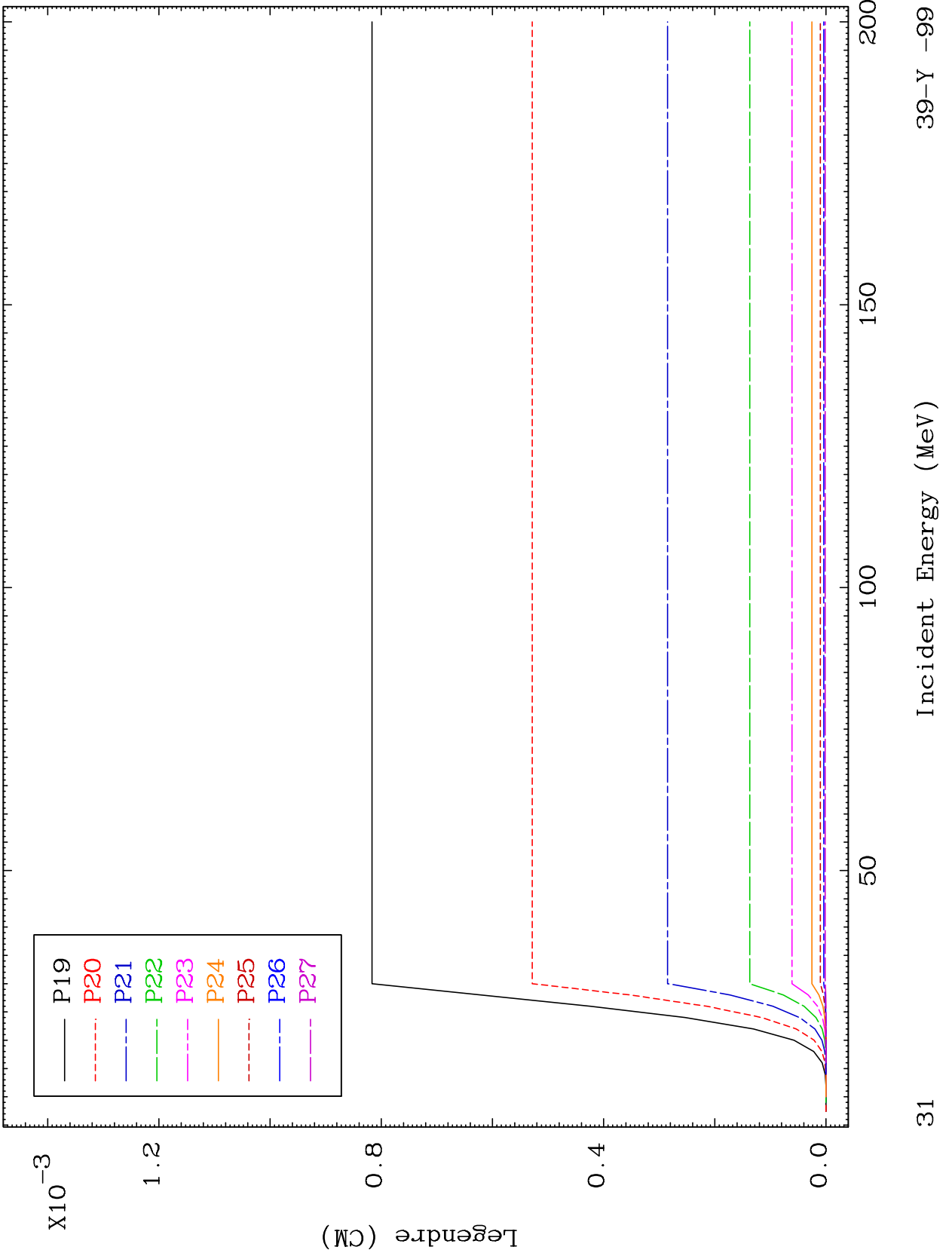
MAT 3955

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

39-Y -99



39-Y -99

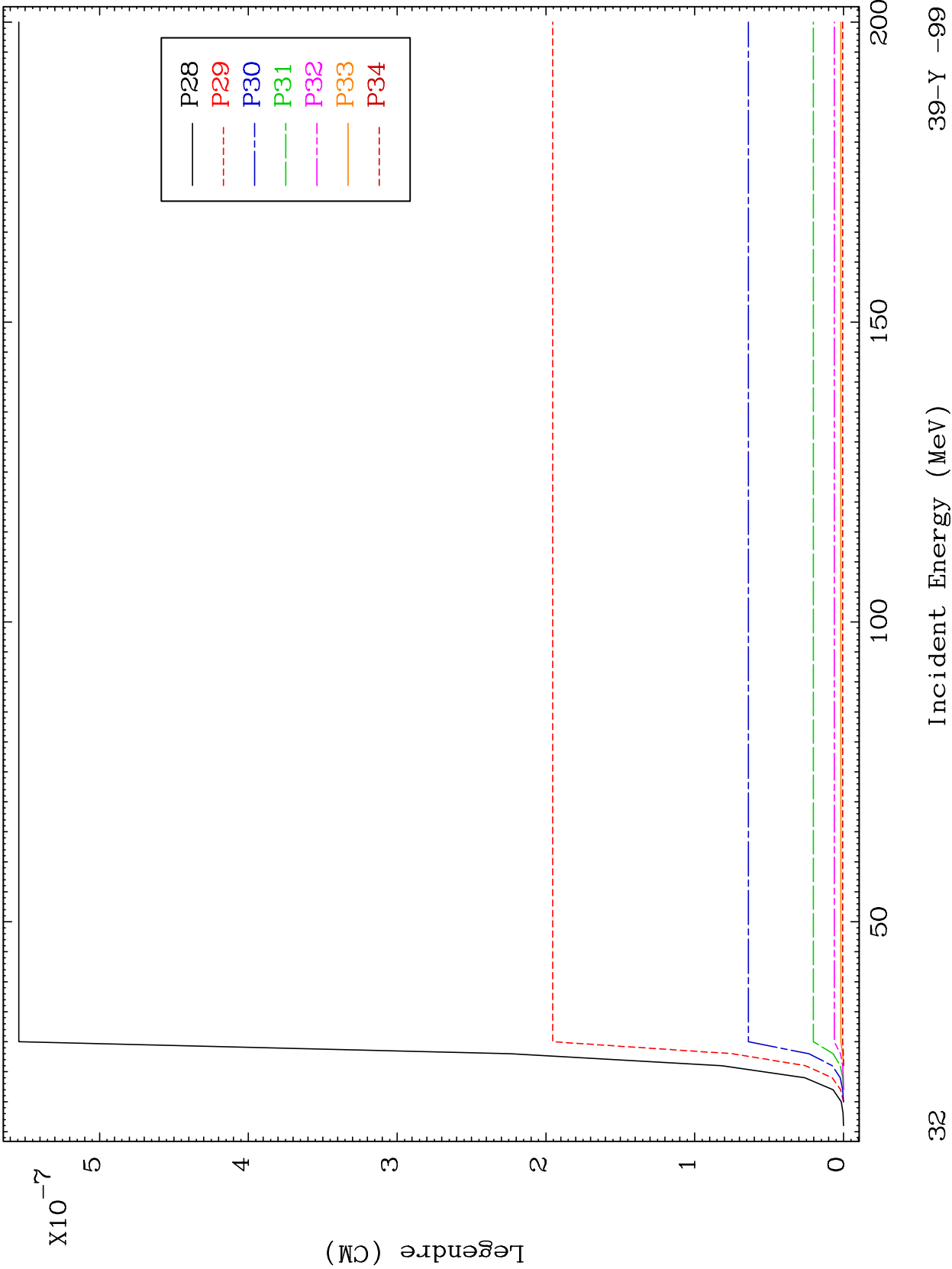




MAT 3955

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

39-Y -99



32

Incident Energy (MeV)

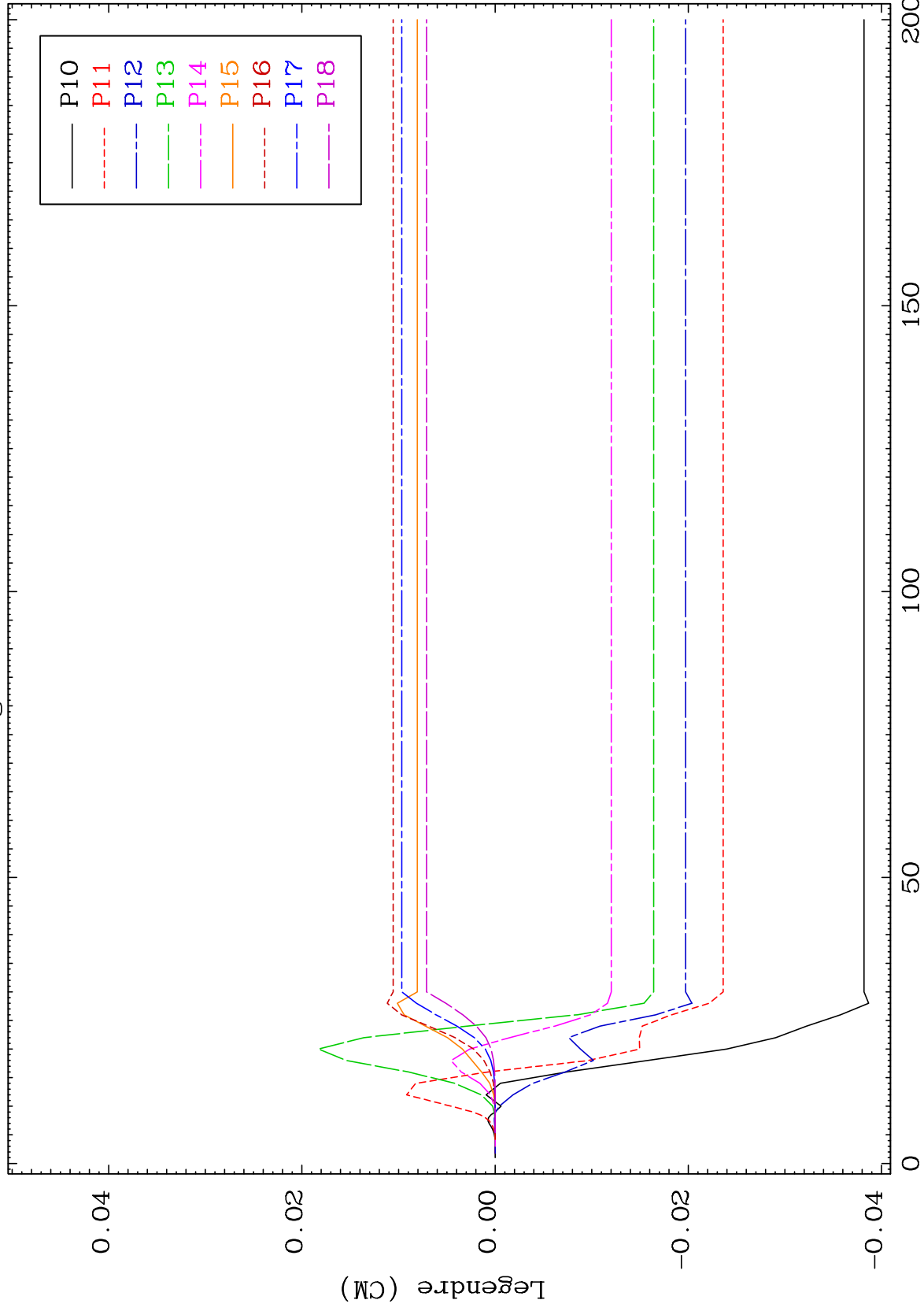
39-Y -99



MAT 3955

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

39-Y -99



34

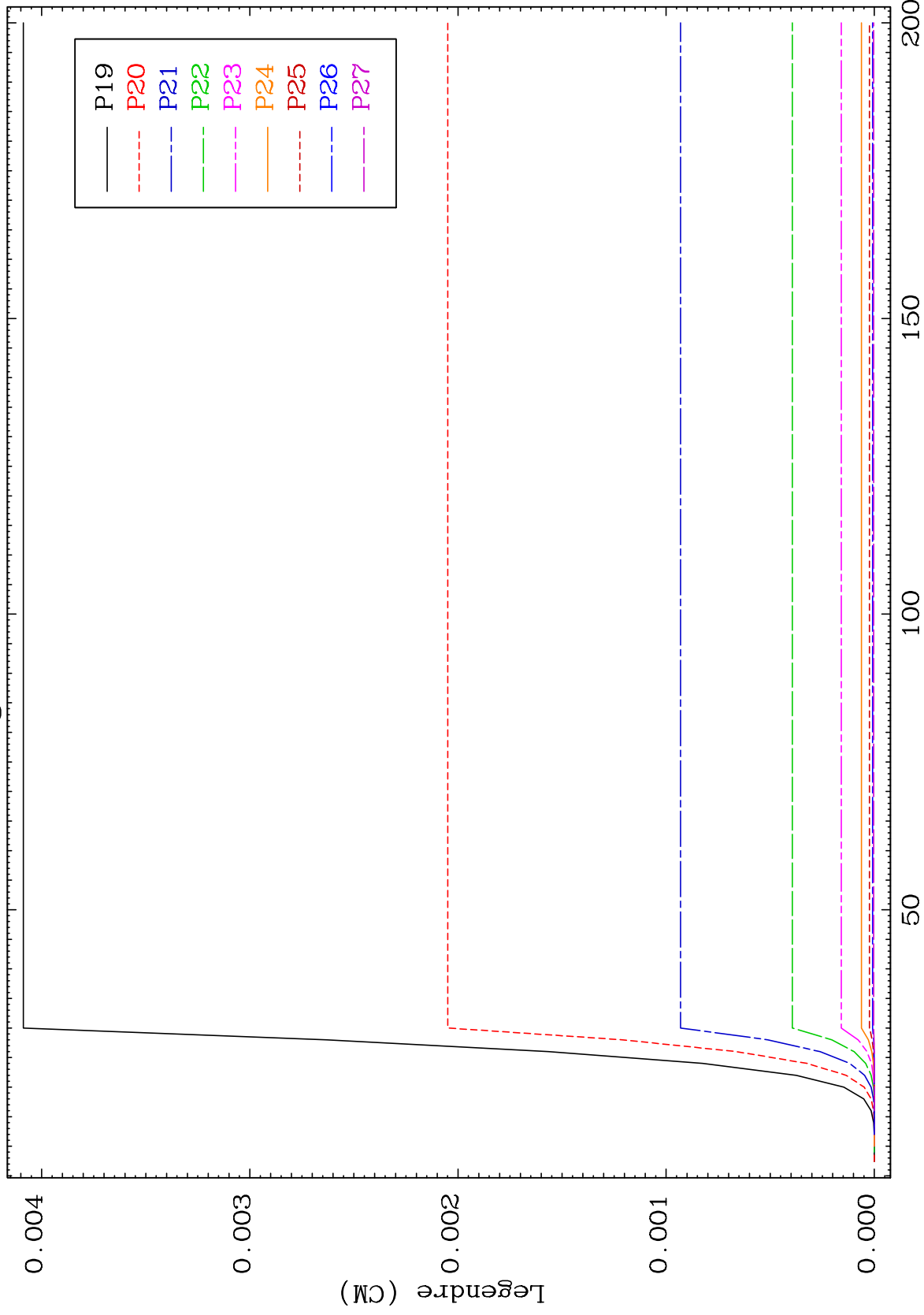
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



35

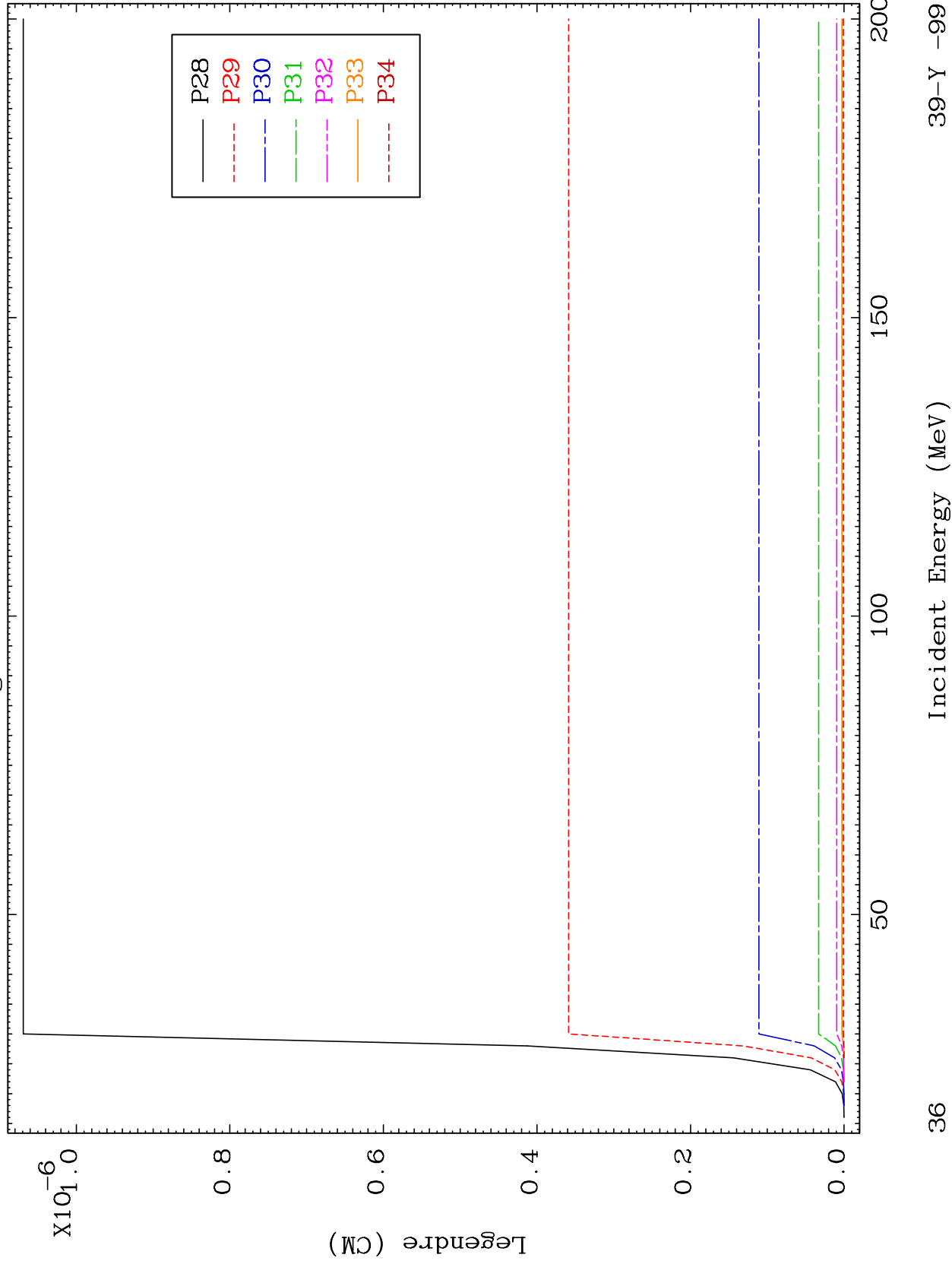
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99

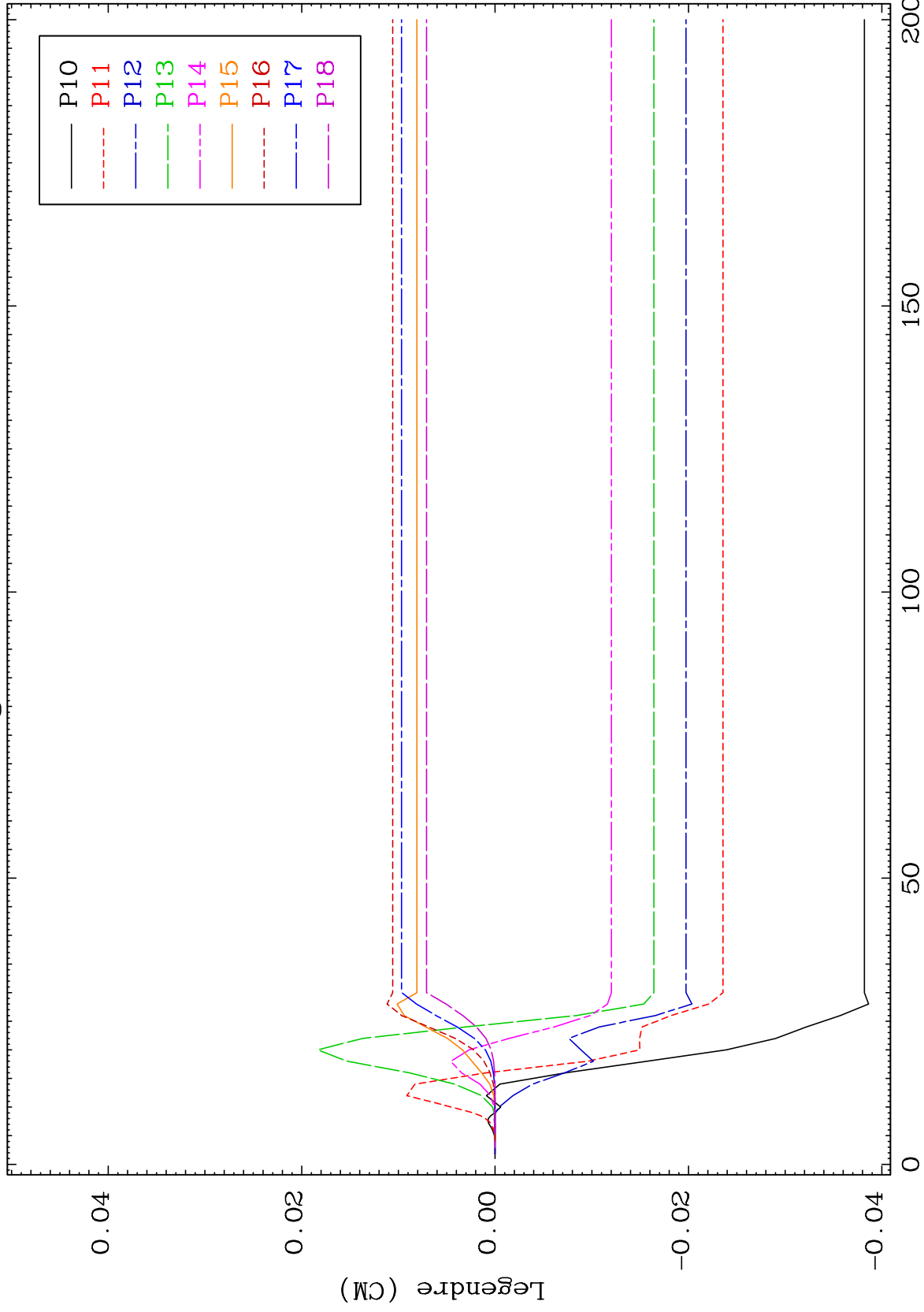




MAT 3955

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

39-Y -99



38

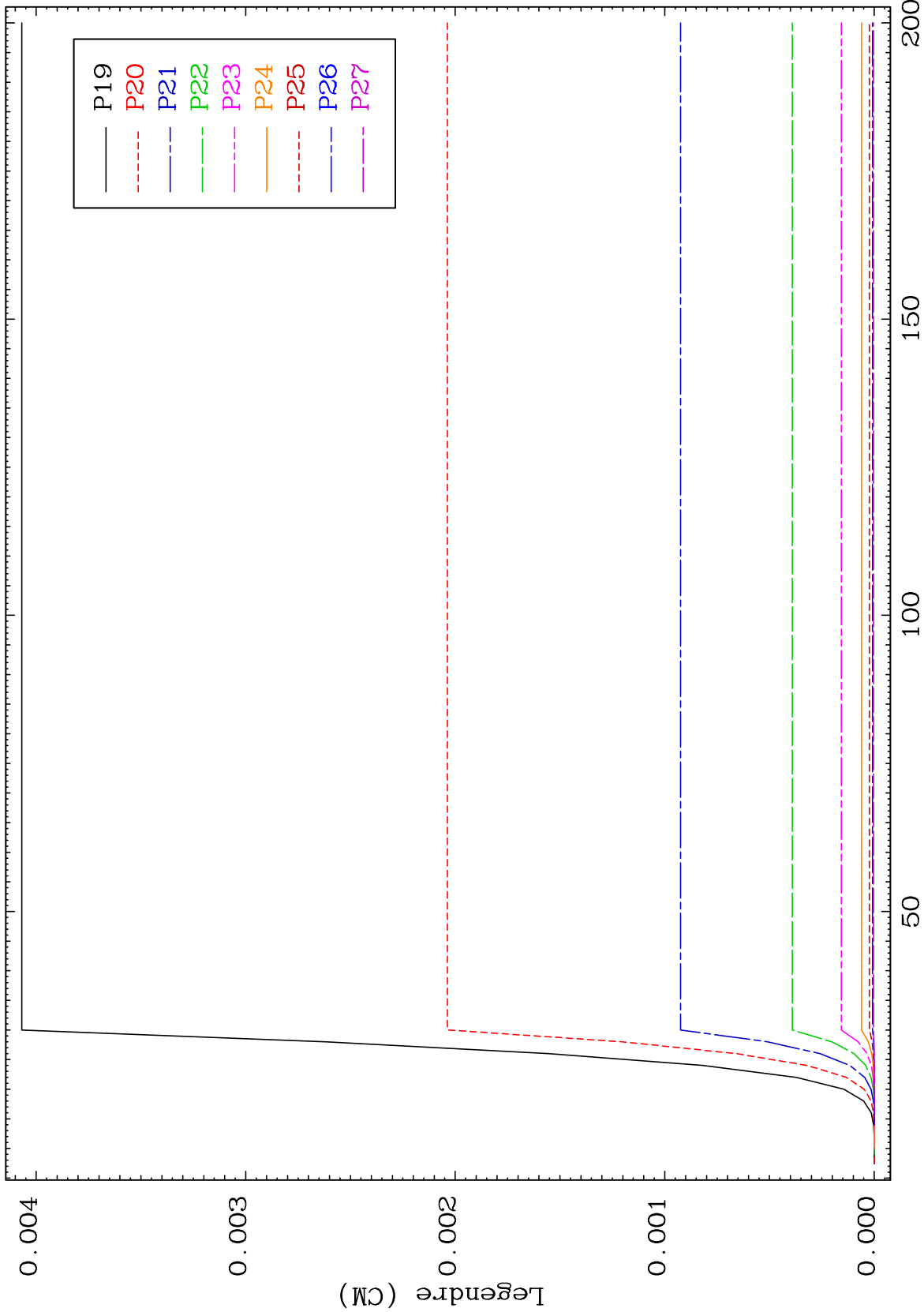
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



39

Incident Energy (MeV)

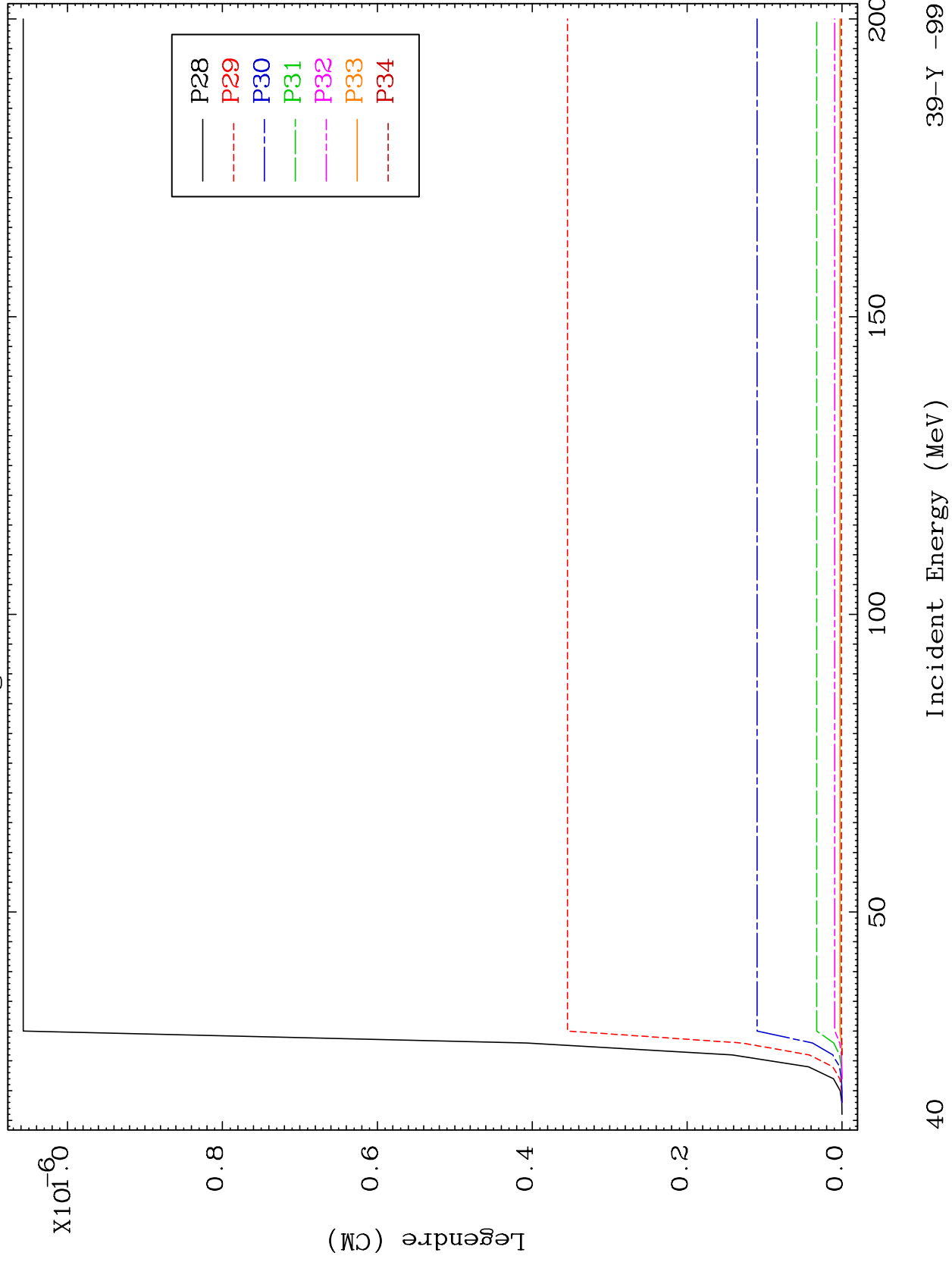
39-Y -99



MAT 3955

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

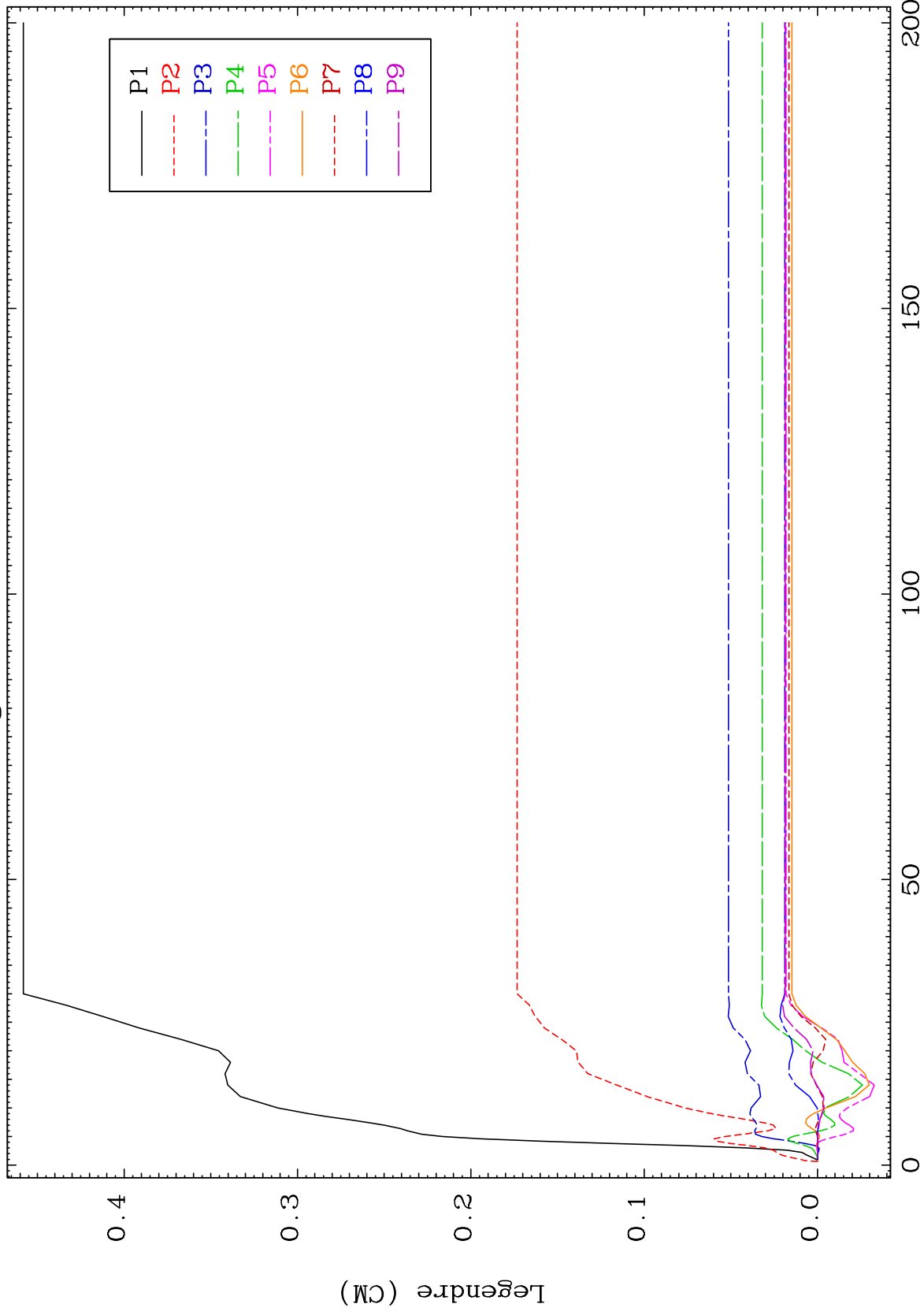
39-Y -99



MAT 3955

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

39-Y -99



41

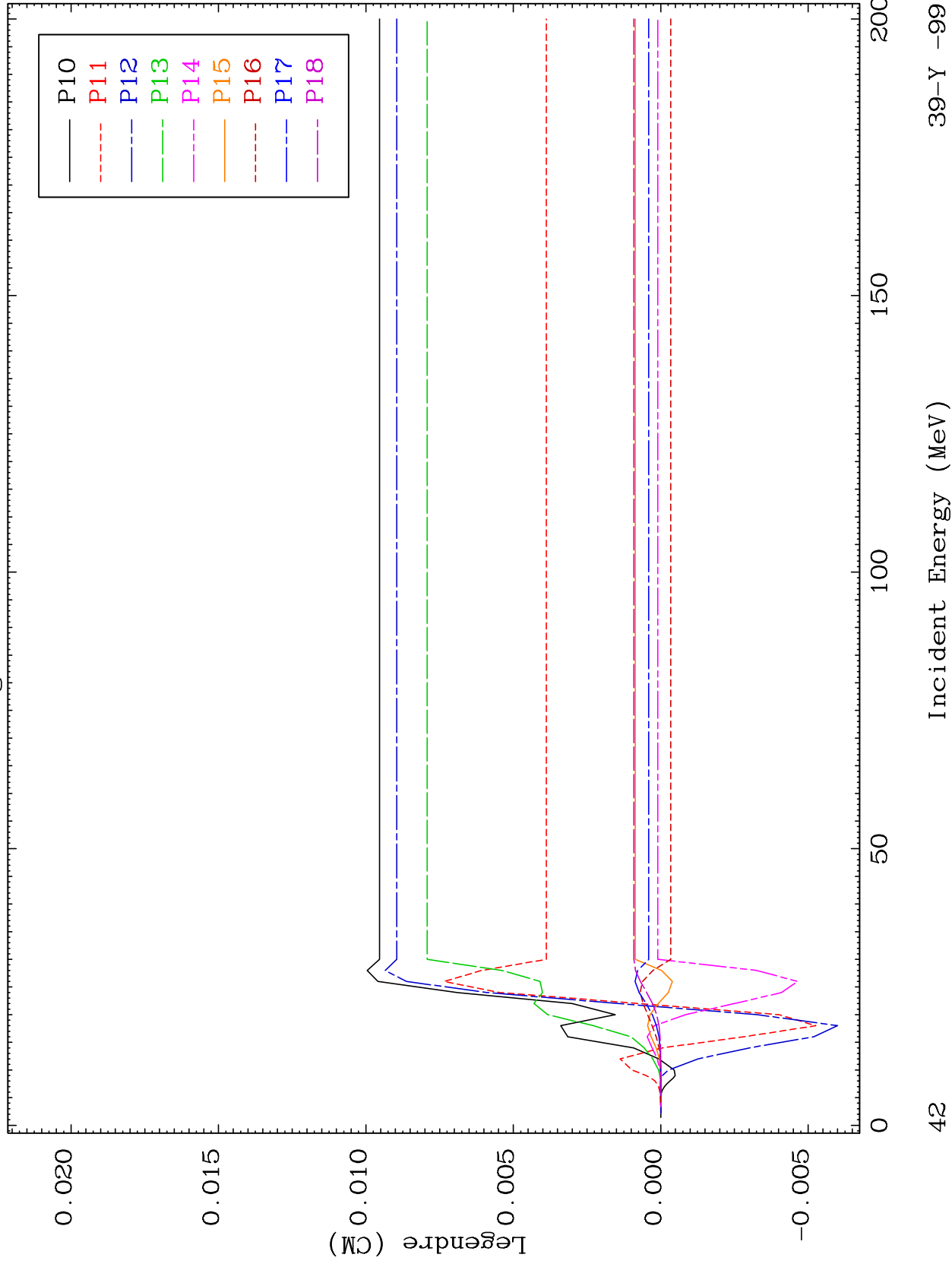
Incident Energy (MeV)

39-Y -99

MAT 3955

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

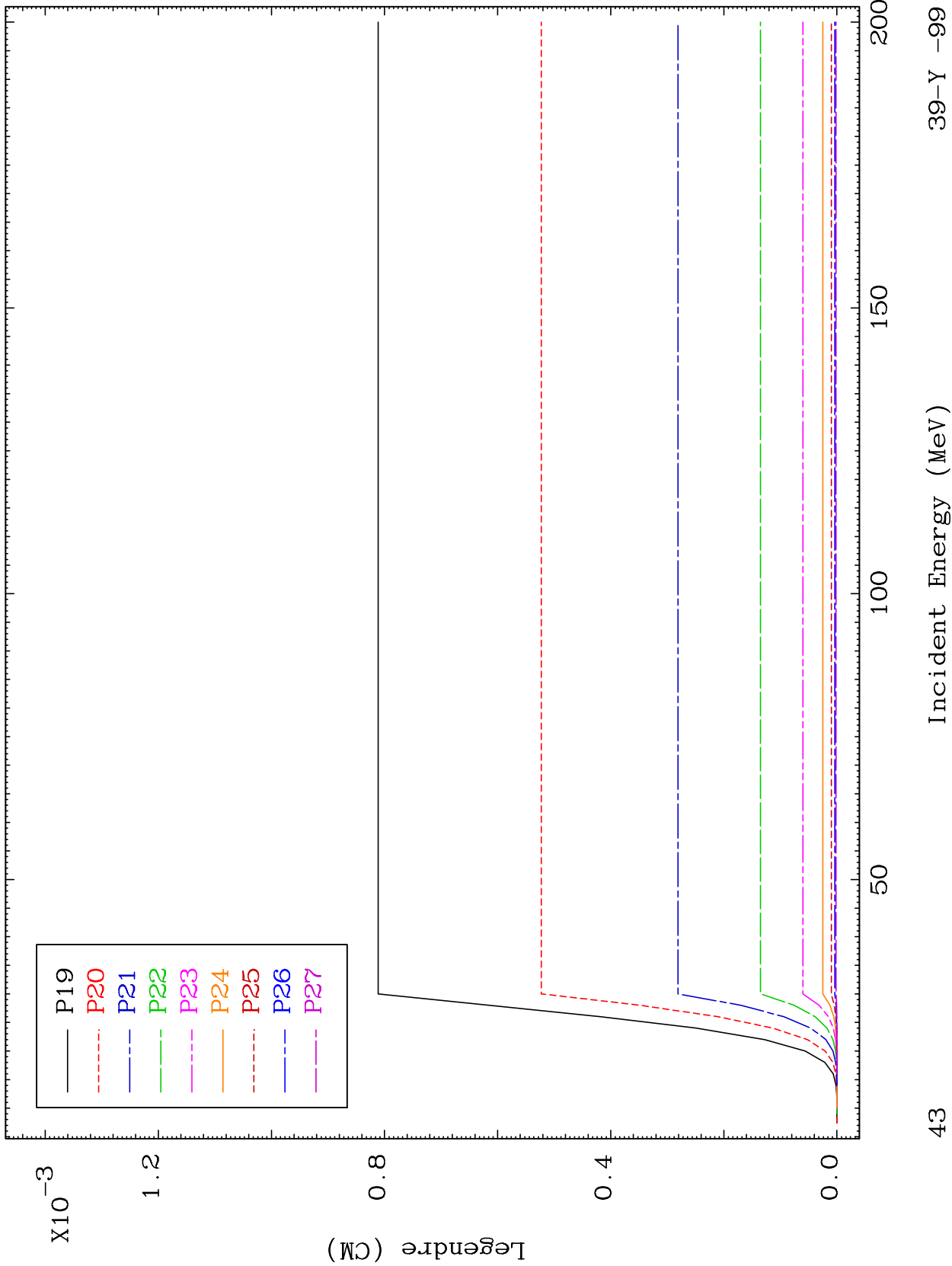
39-Y -99



39-Y -99

Incident Energy (MeV)

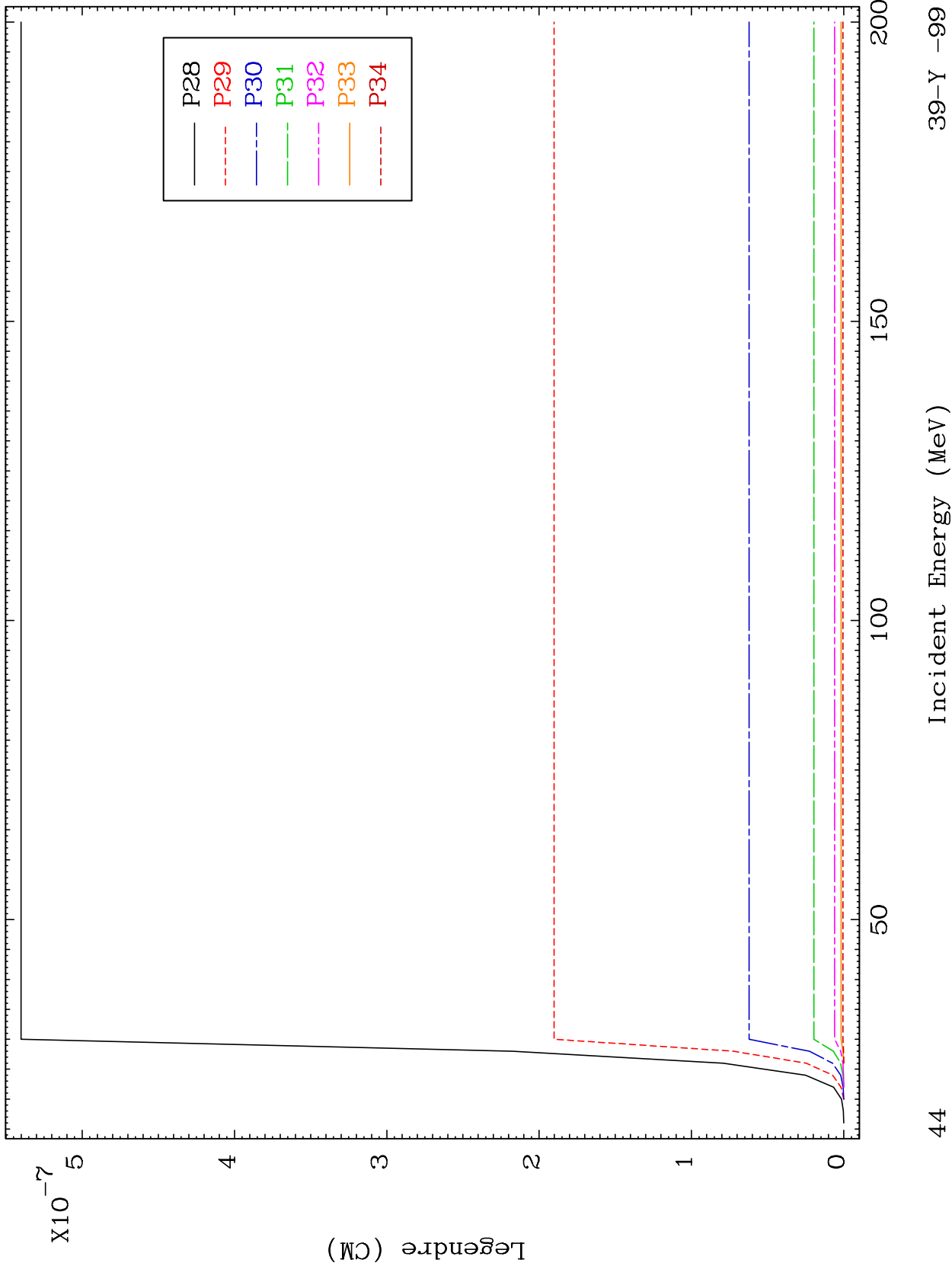
42



MAT 3955

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

39-Y -99



44

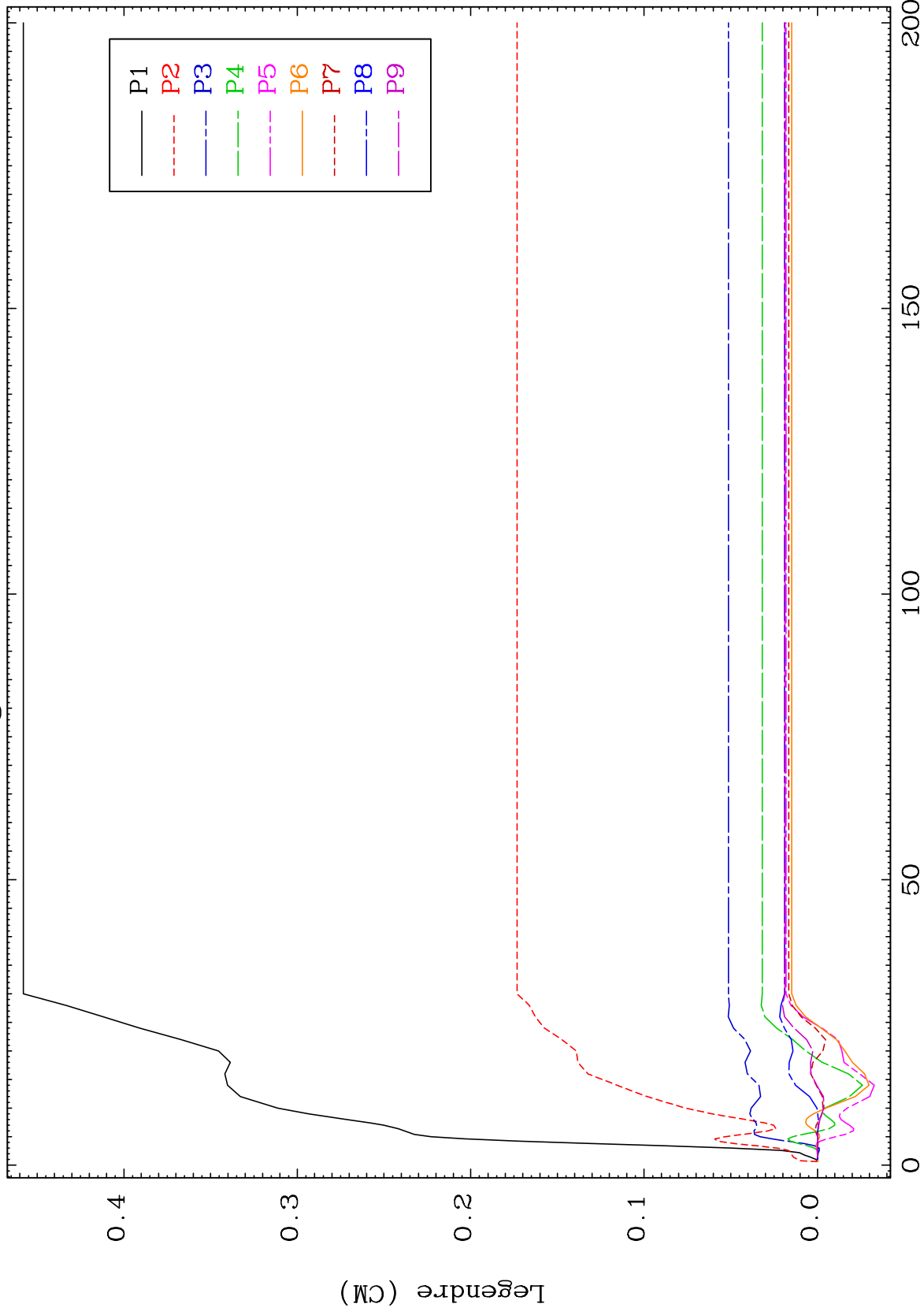
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



39-Y -99

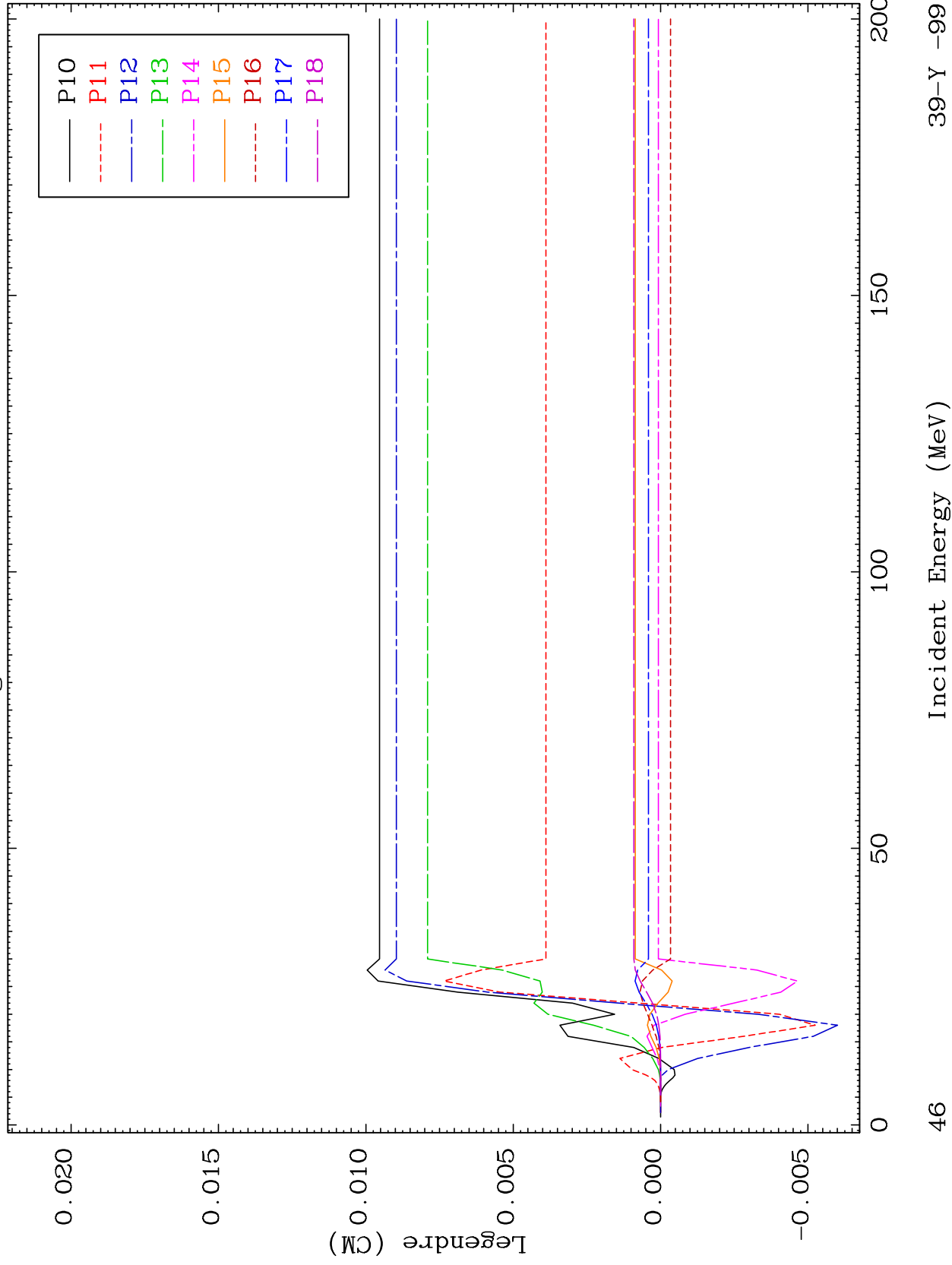
Incident Energy (MeV)

45

MAT 3955

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

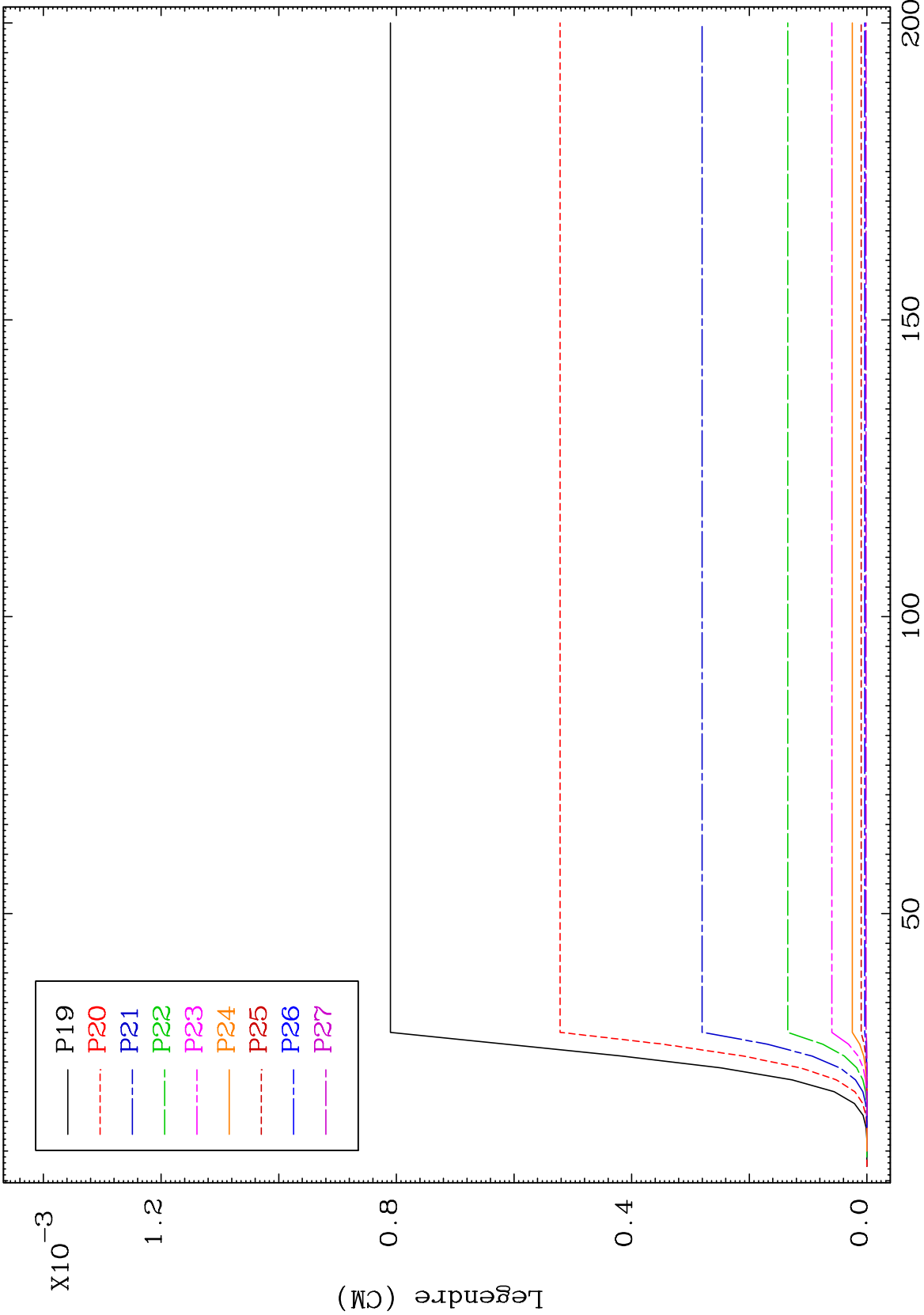
39-Y -99



46

Incident Energy (MeV)

39-Y -99

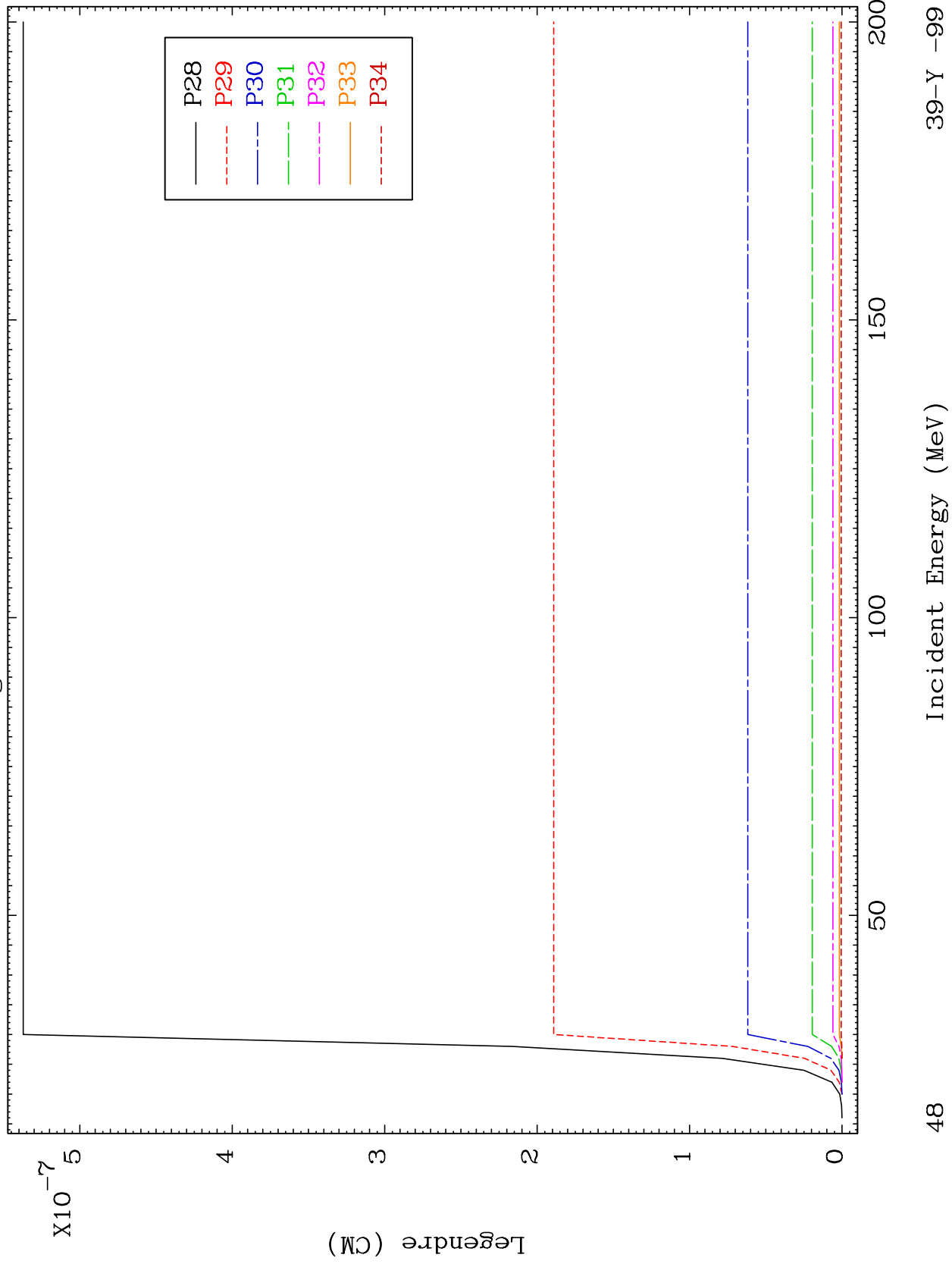




MAT 3955

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

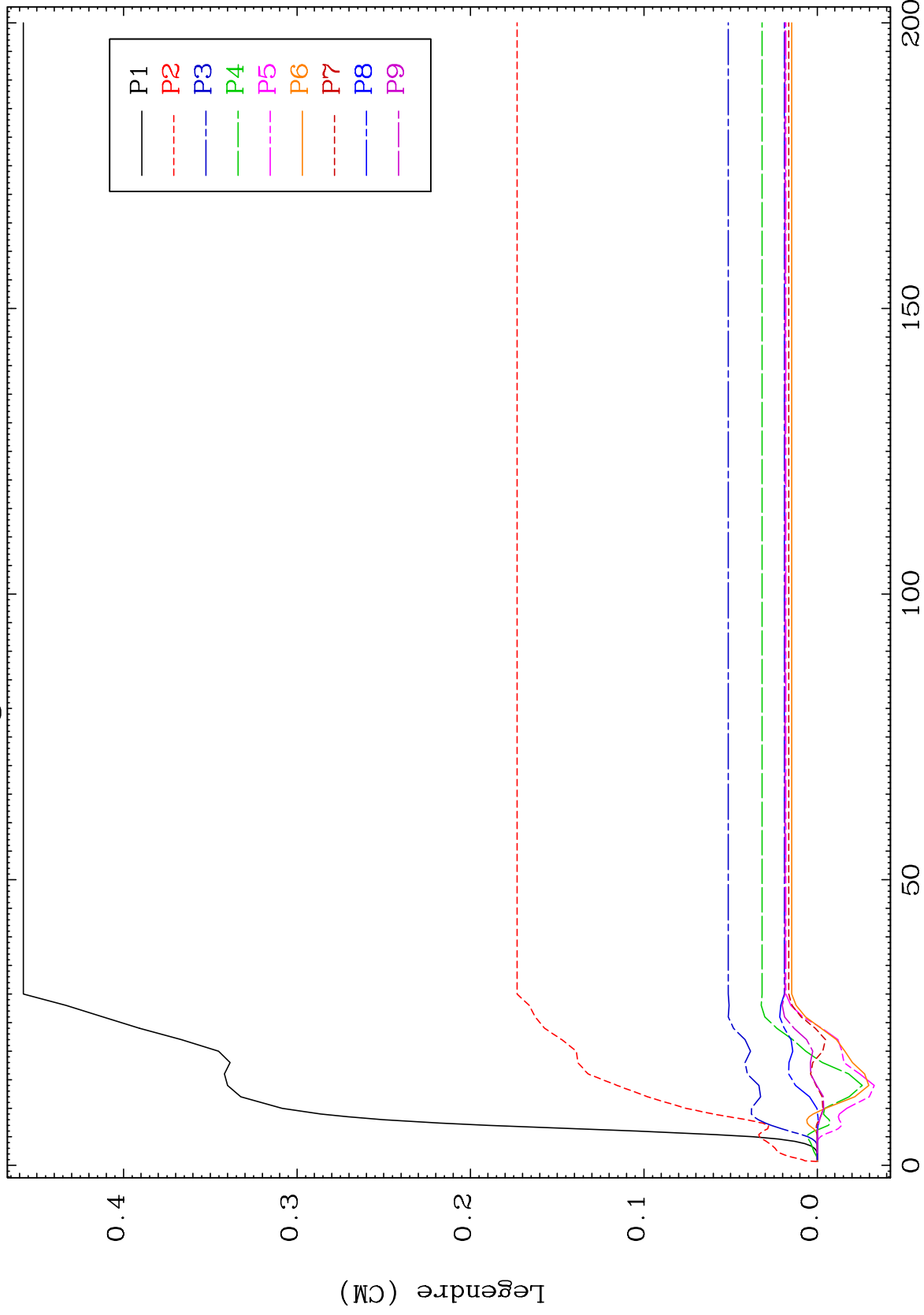
39-Y -99



MAT 3955

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

39-Y -99



49

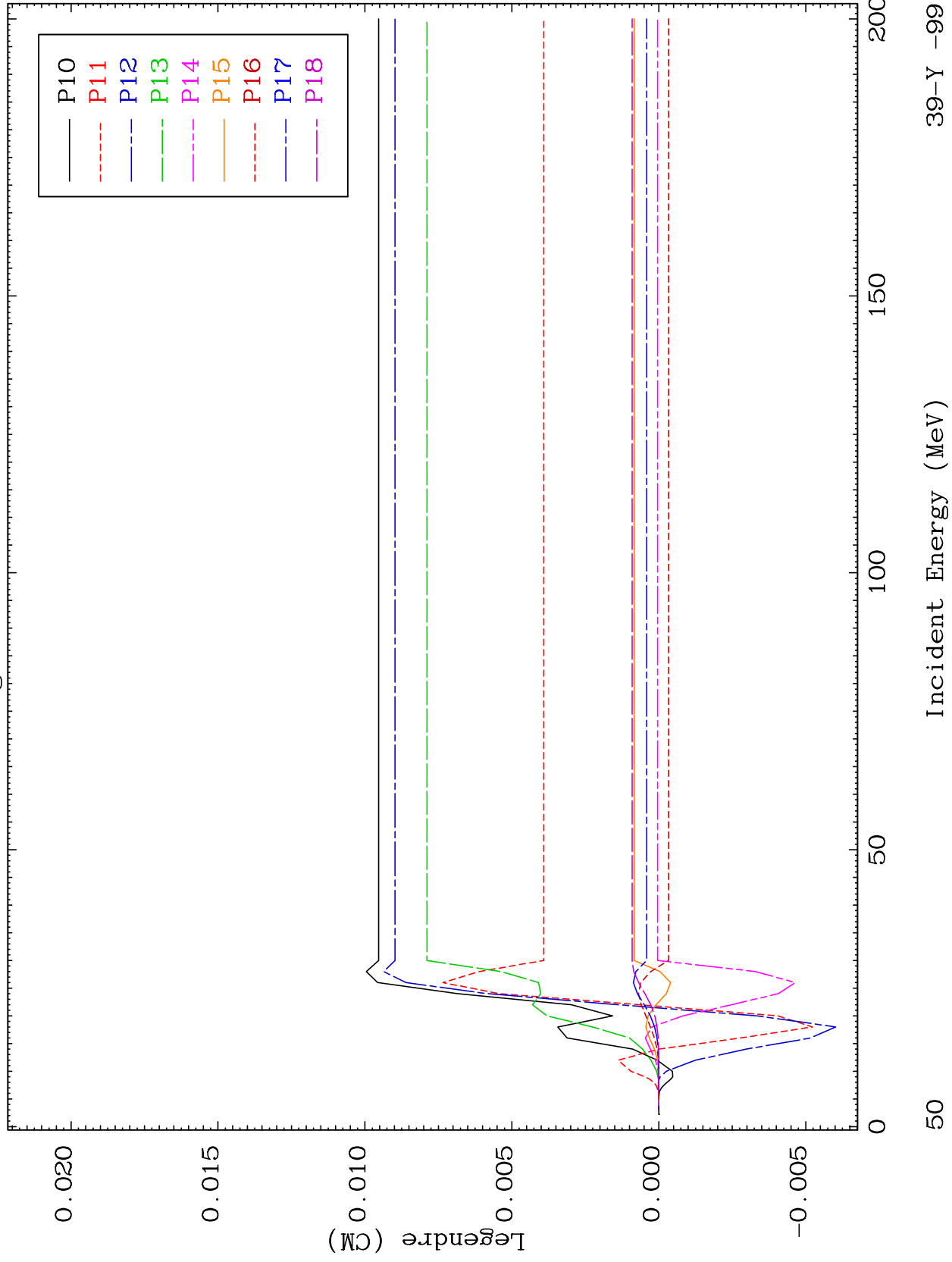
Incident Energy (MeV)

39-Y -99

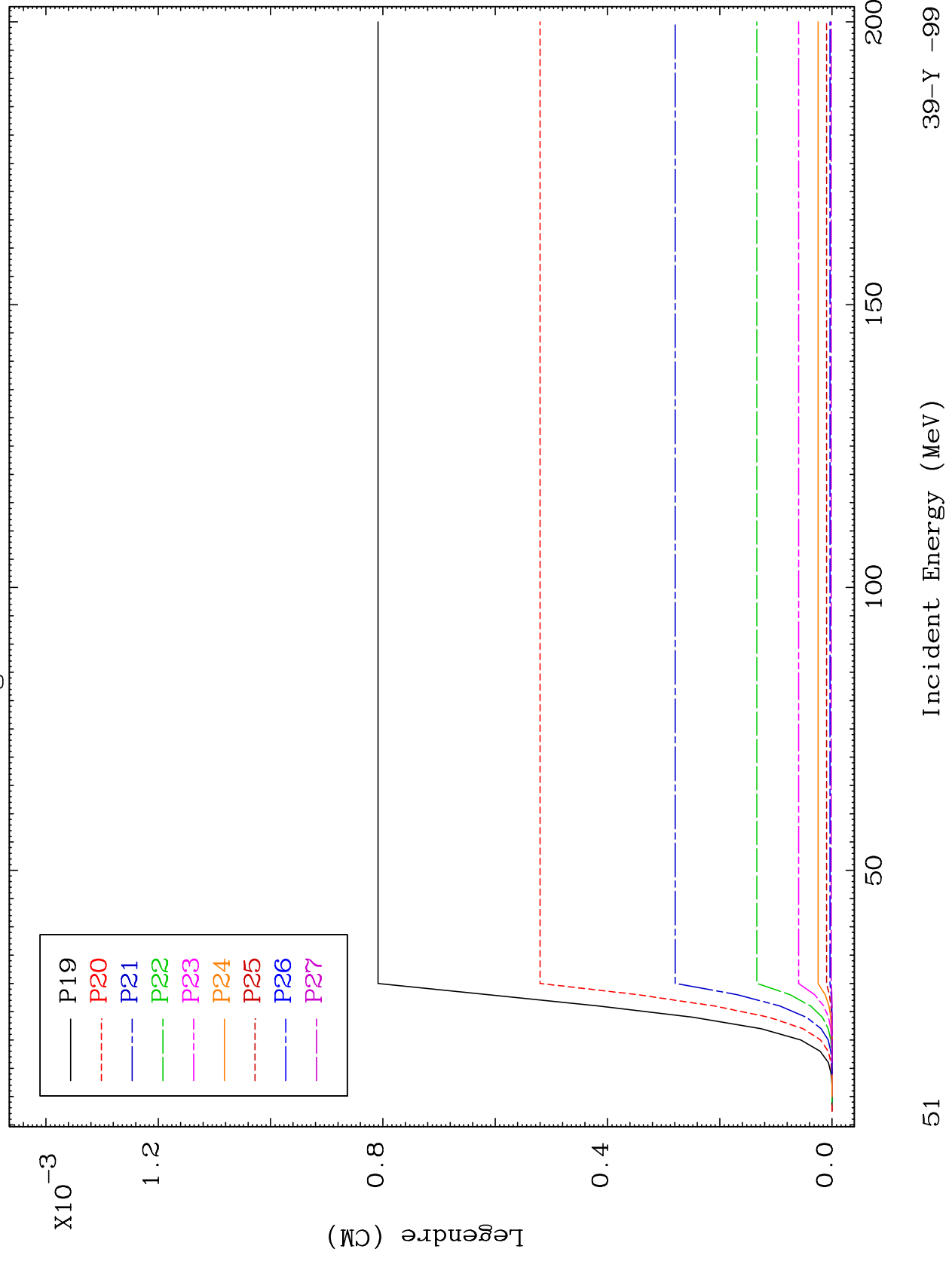
MAT 3955

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

39-Y -99



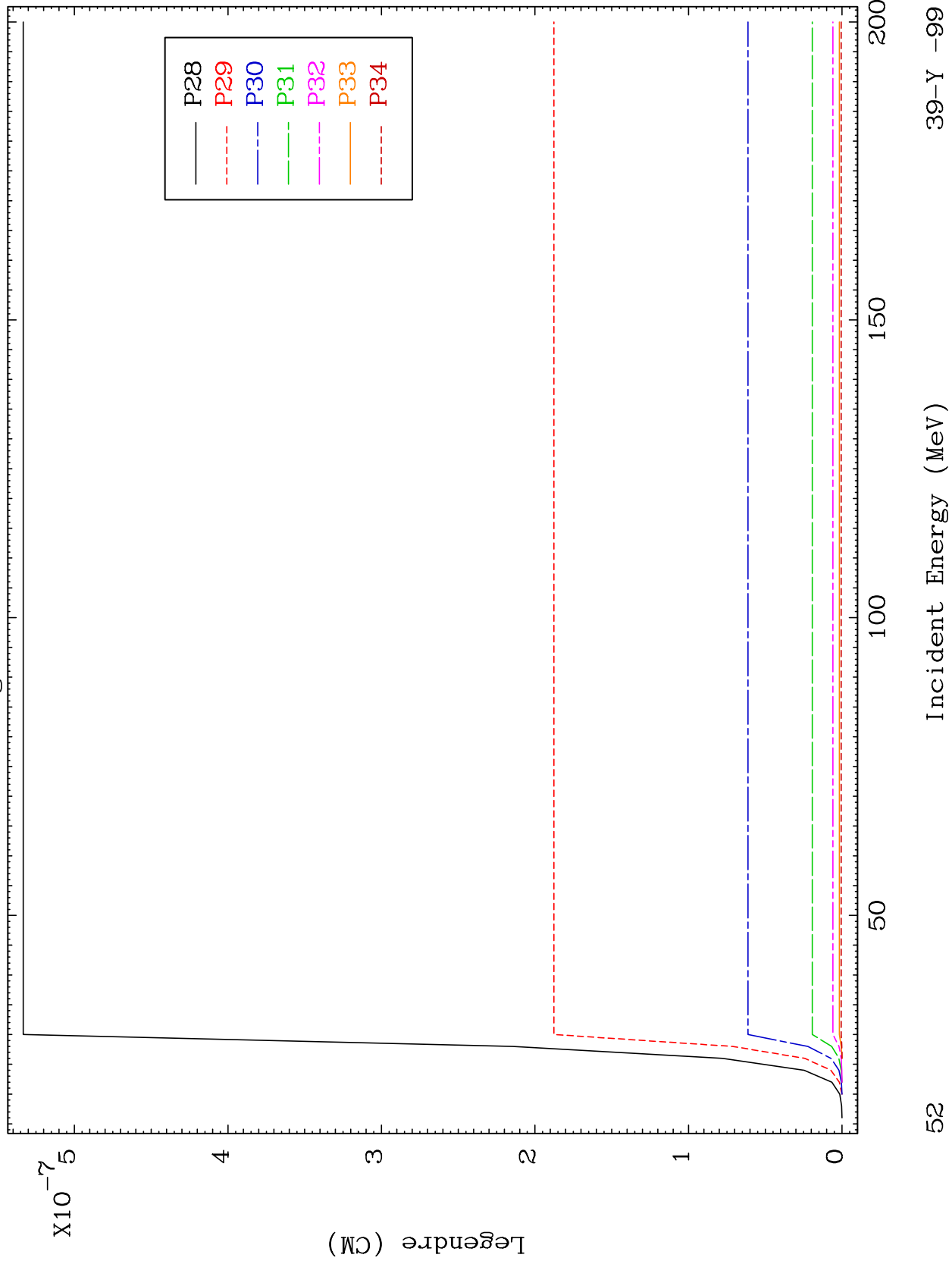
39-Y -99



MAT 3955

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

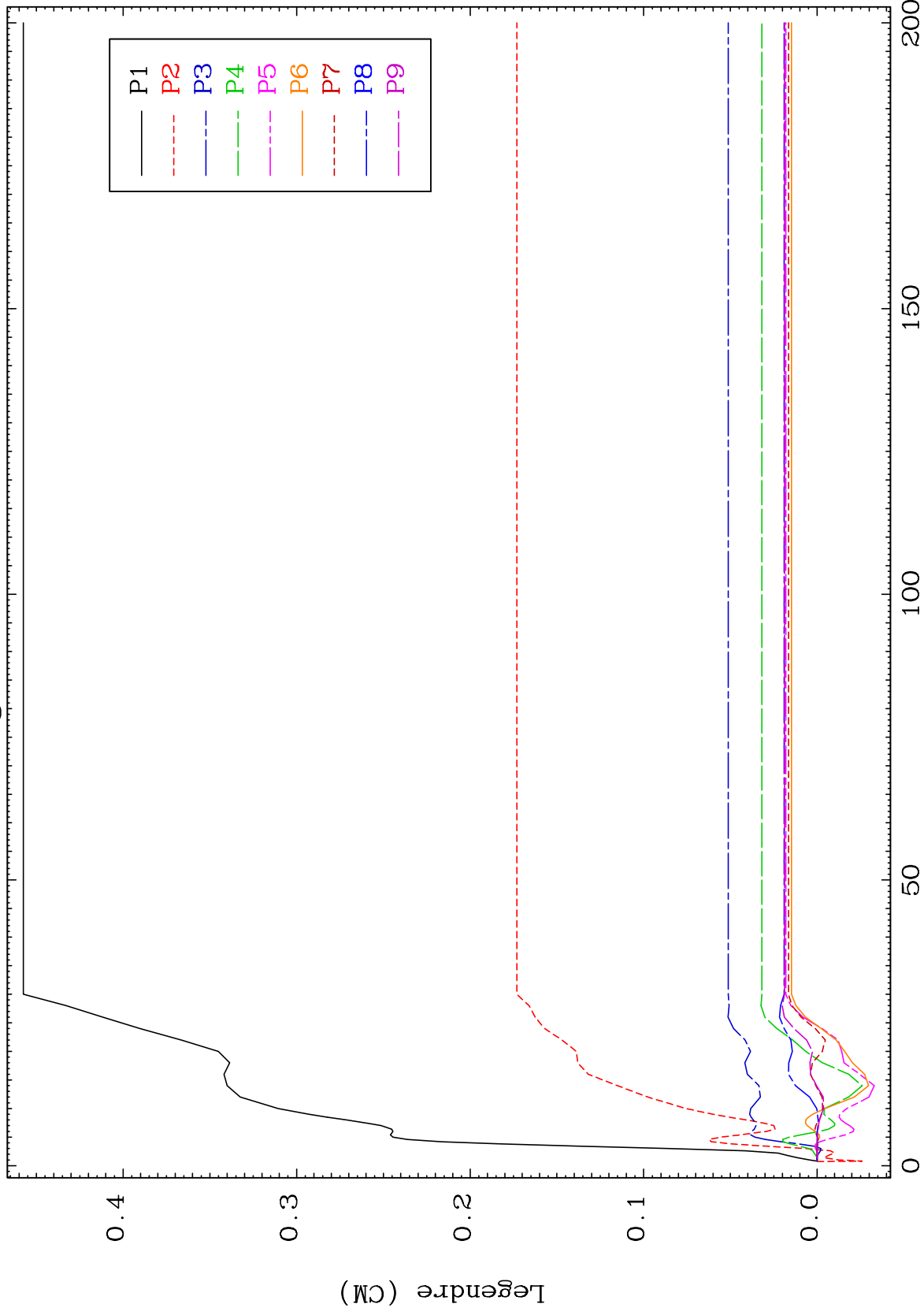
39-Y -99



MAT 3955

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

39-Y -99



53

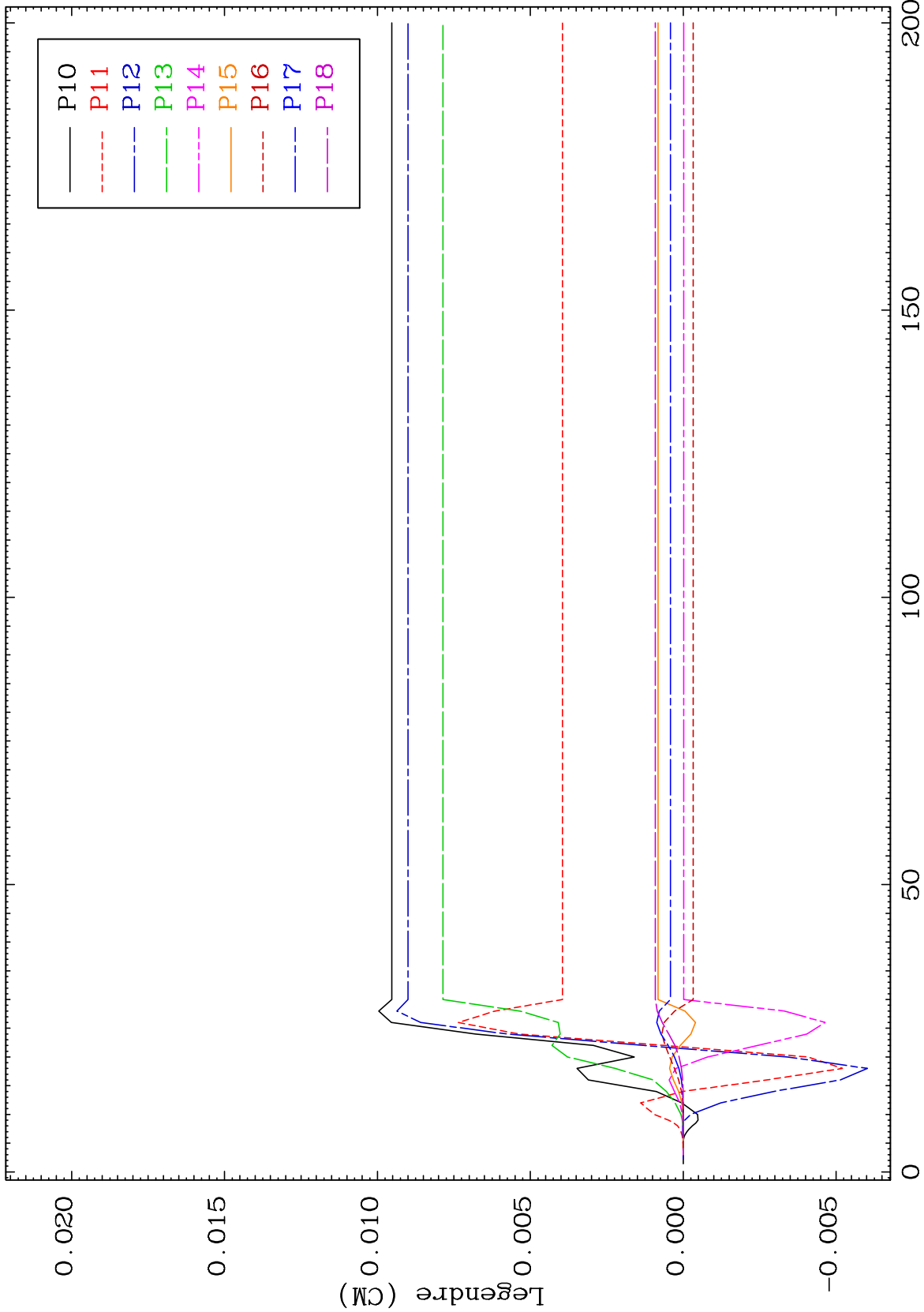
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



54

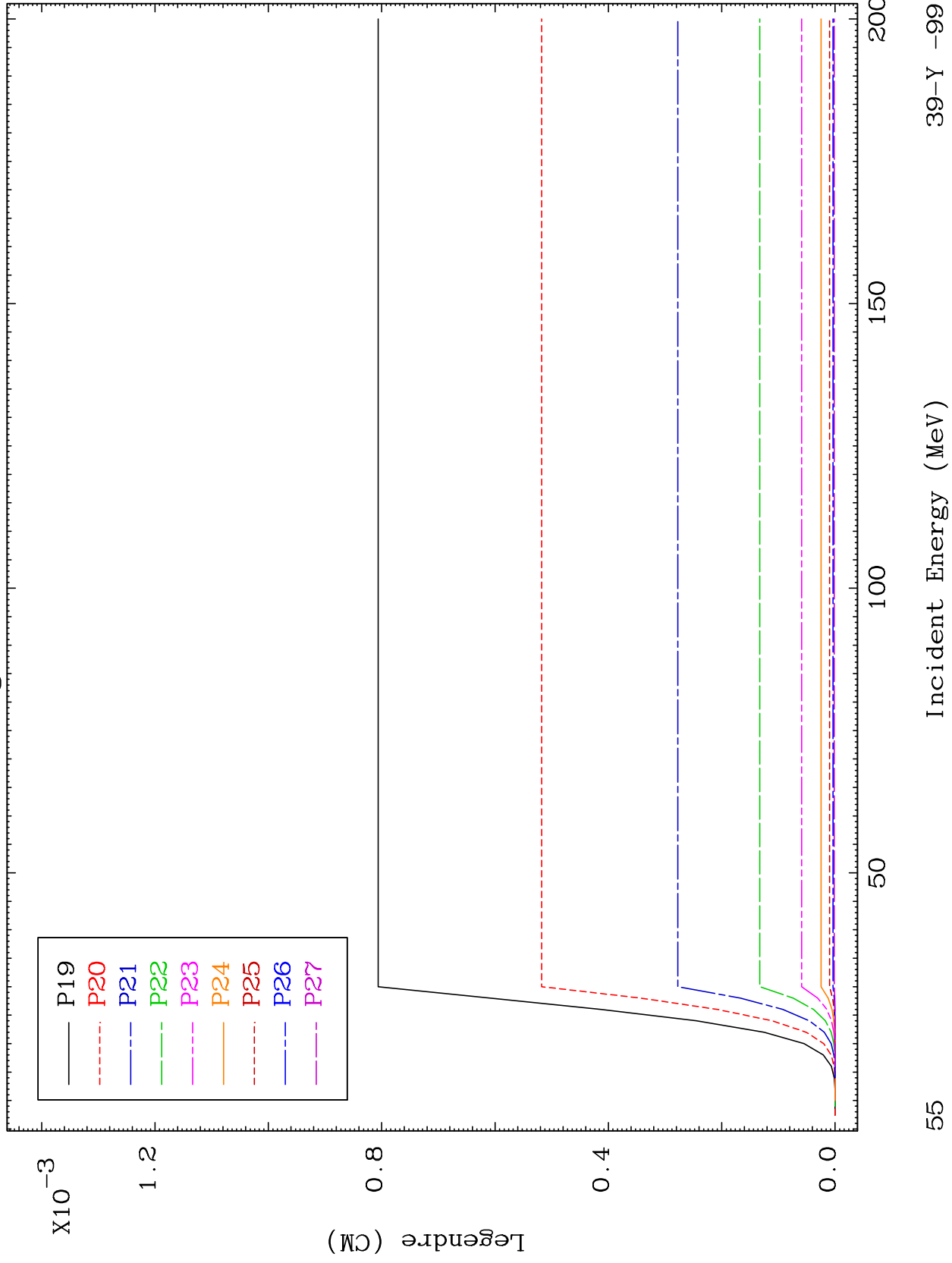
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99

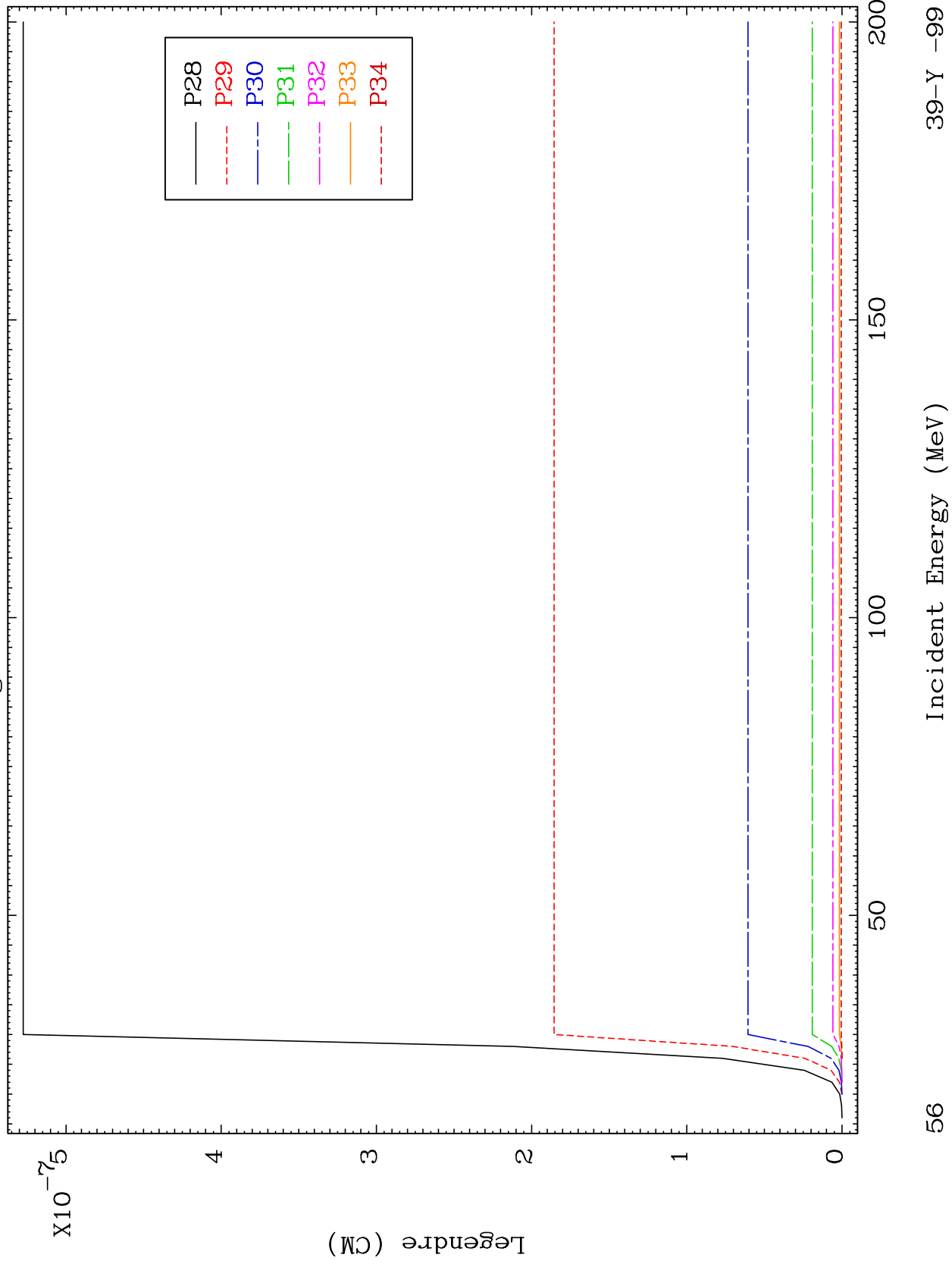




MAT 3955

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

39-Y -99



56

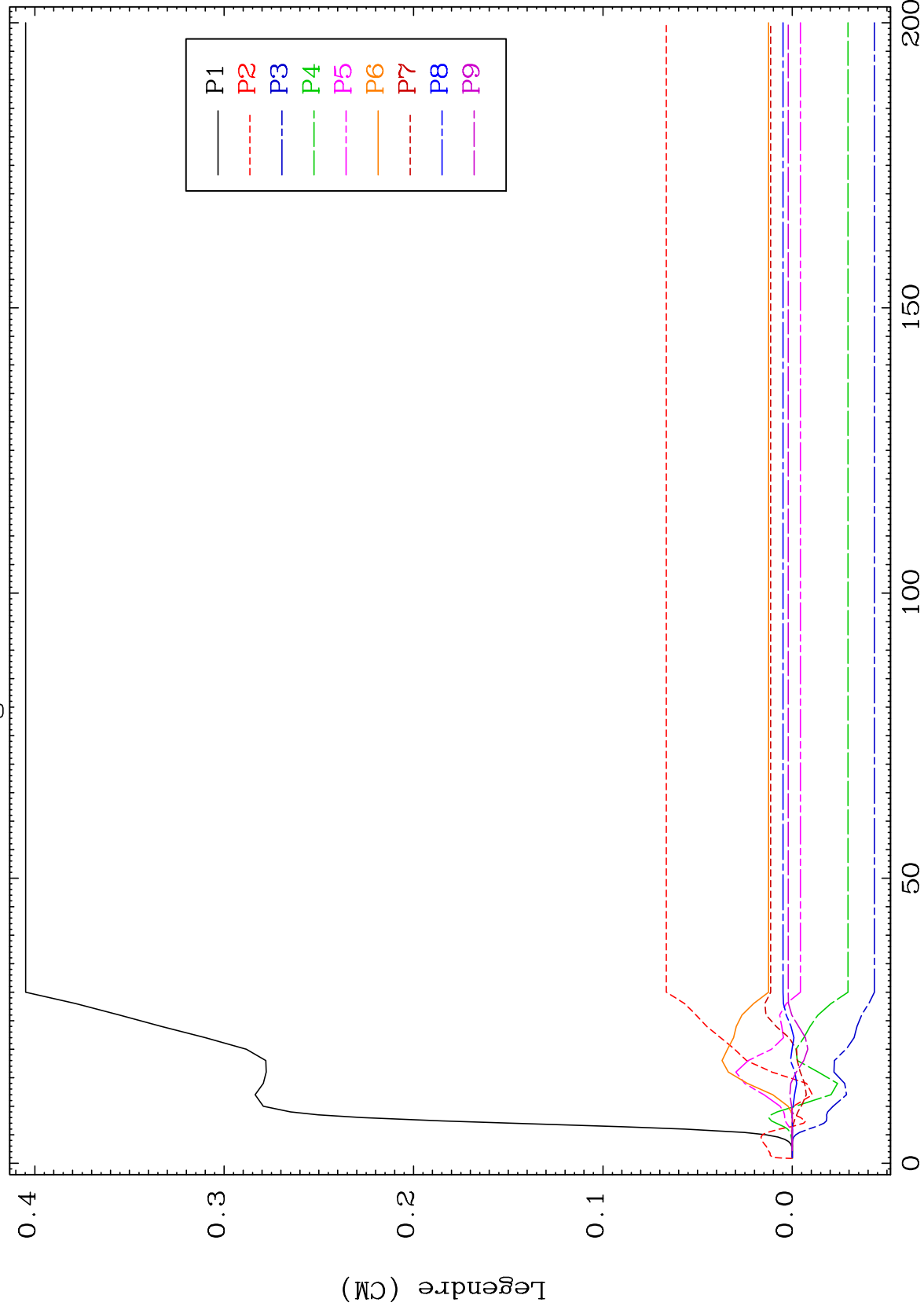
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



57

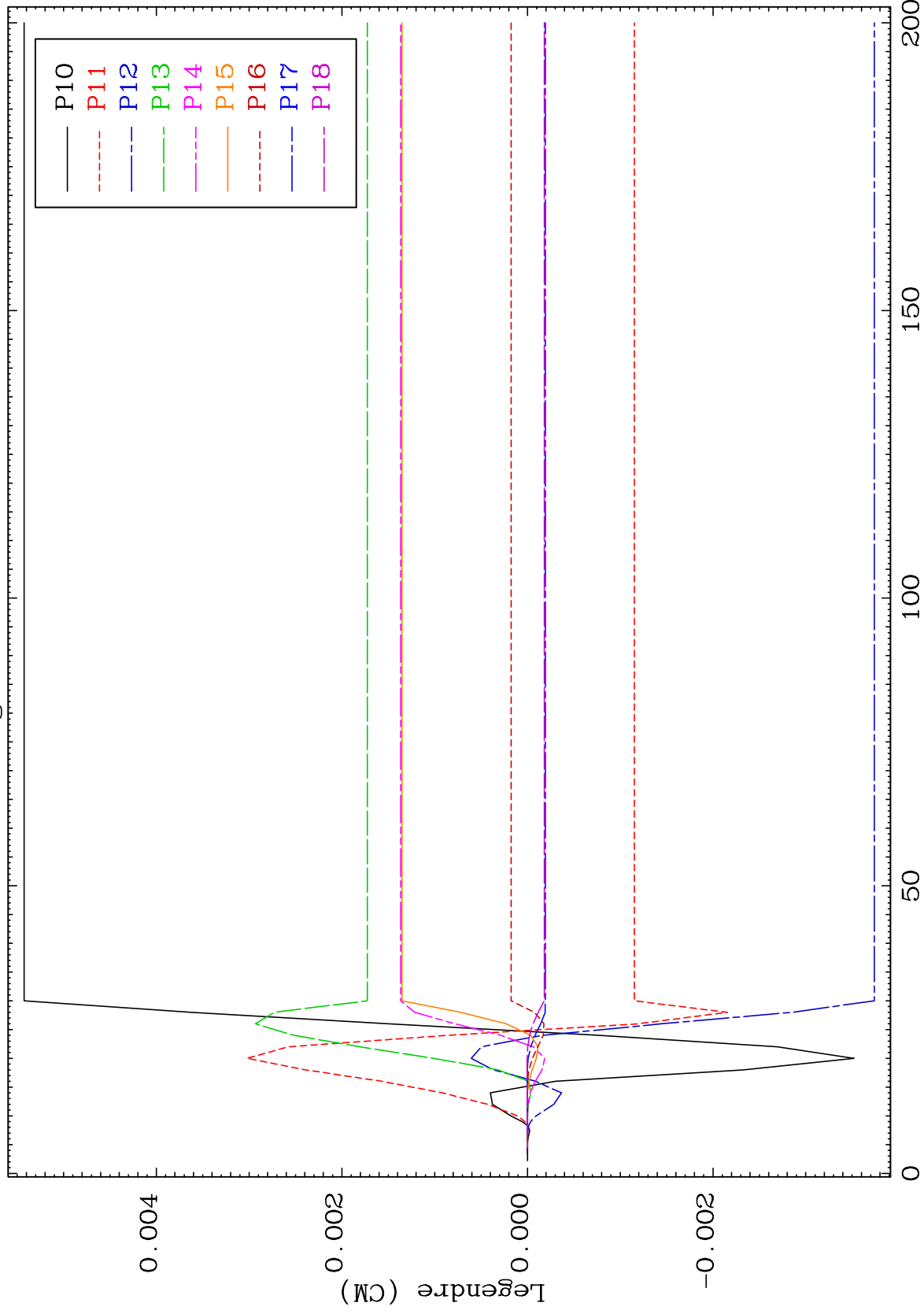
Incident Energy (MeV)

39-Y -99

MAT 3955

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

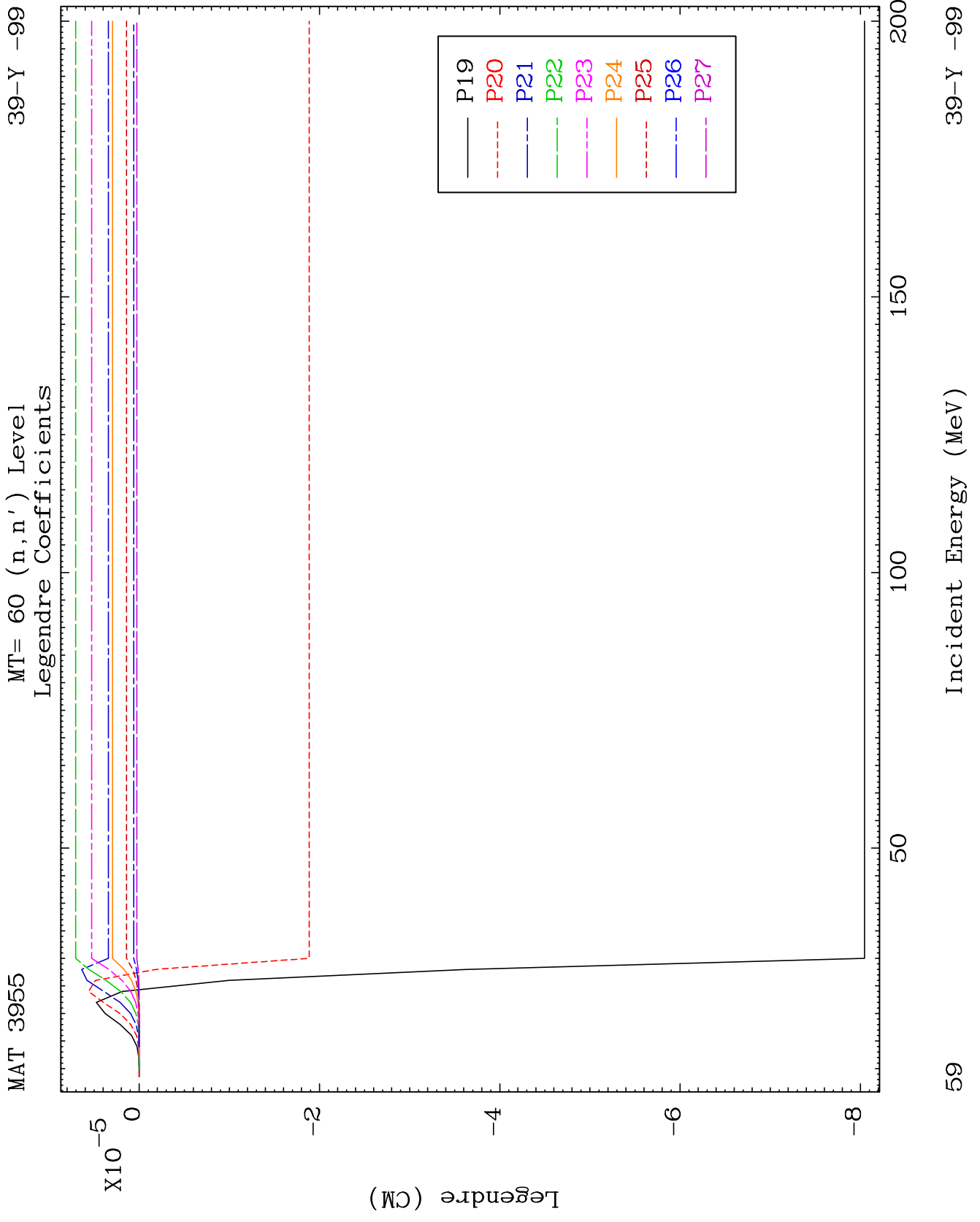
39-Y -99



58

Incident Energy (MeV)

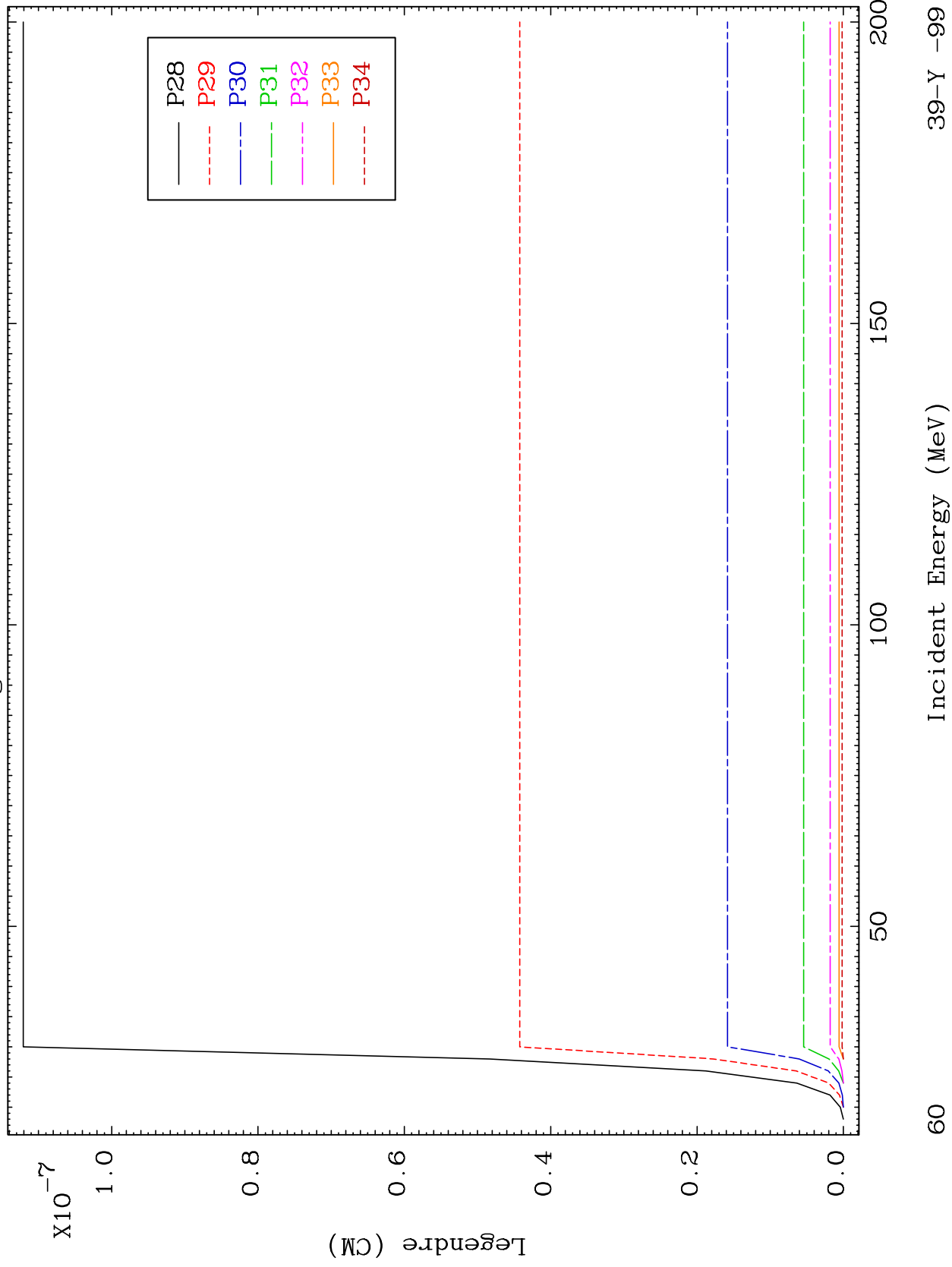
39-Y -99



MAT 3955

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

39-Y -99



60

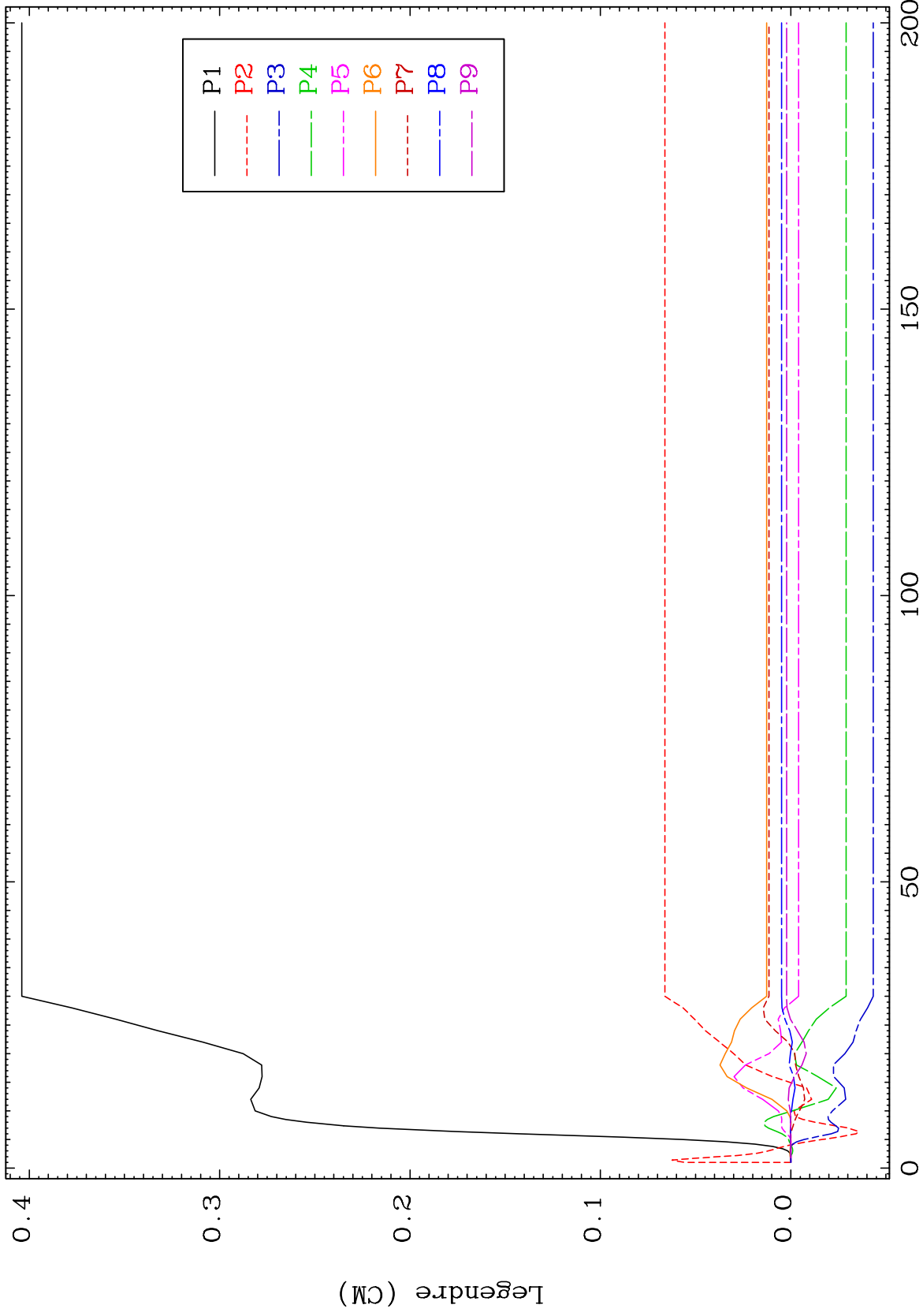
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



61

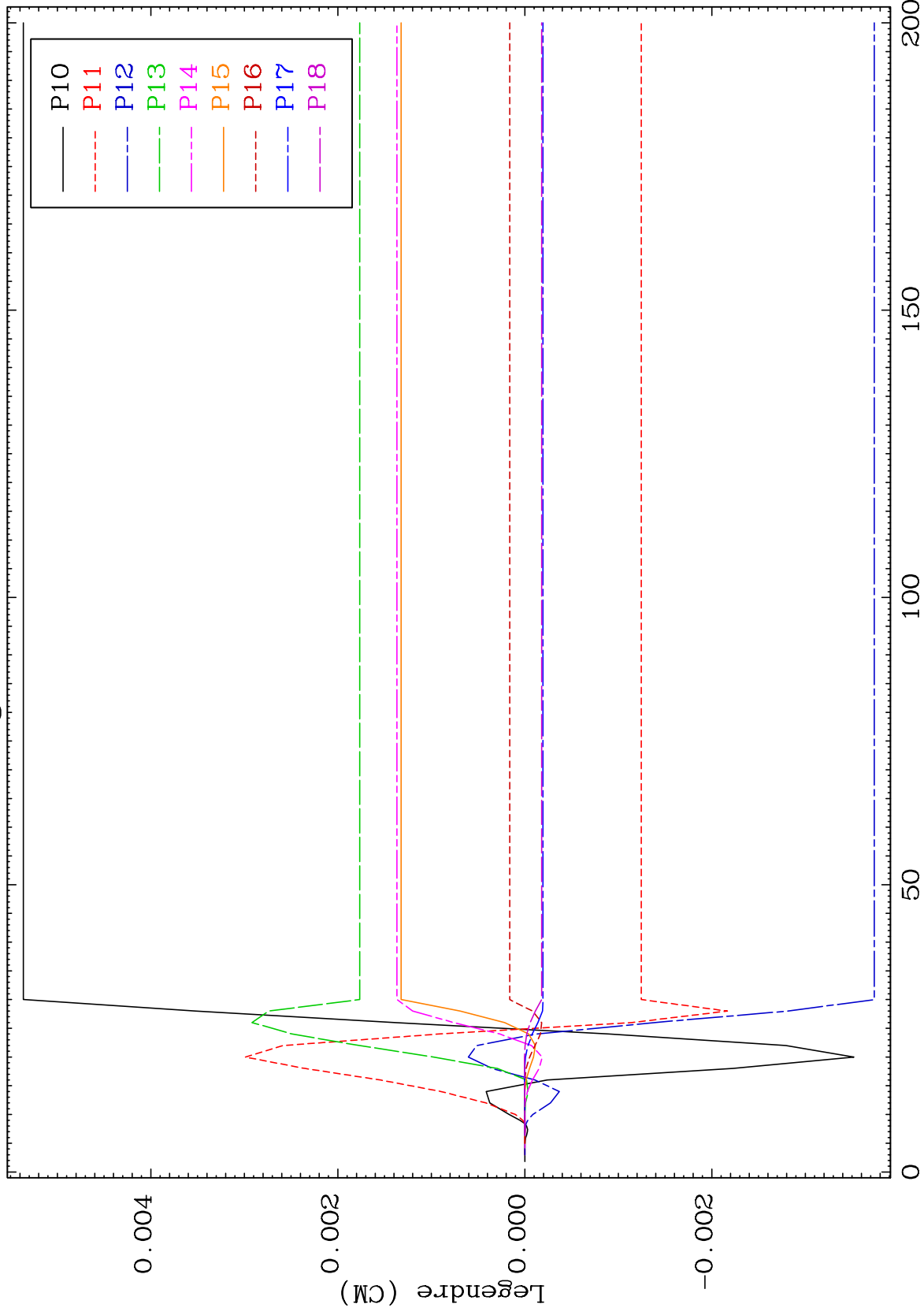
Incident Energy (MeV)

39-Y -99

MAT 3955

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

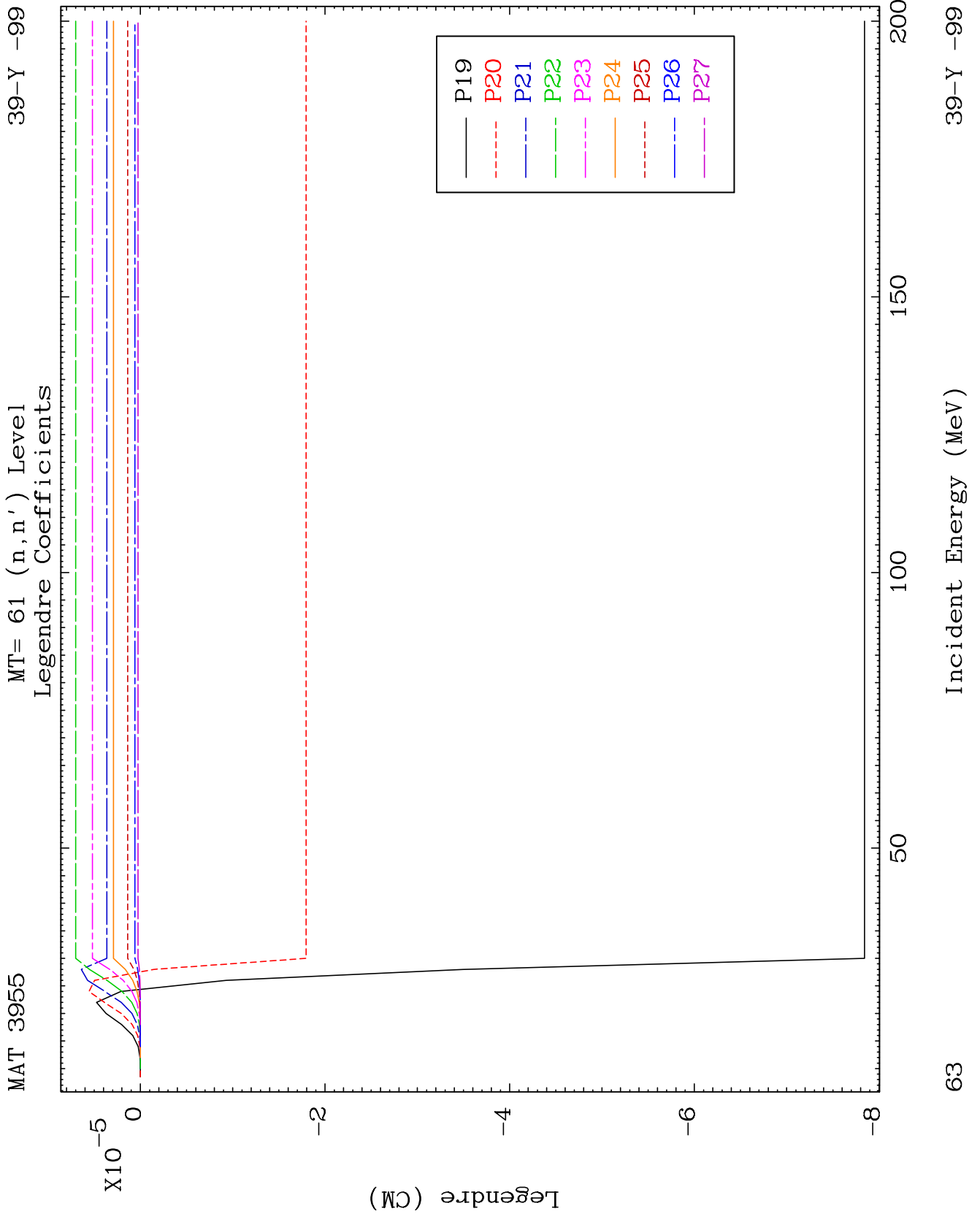
39-Y -99



62

Incident Energy (MeV)

39-Y -99

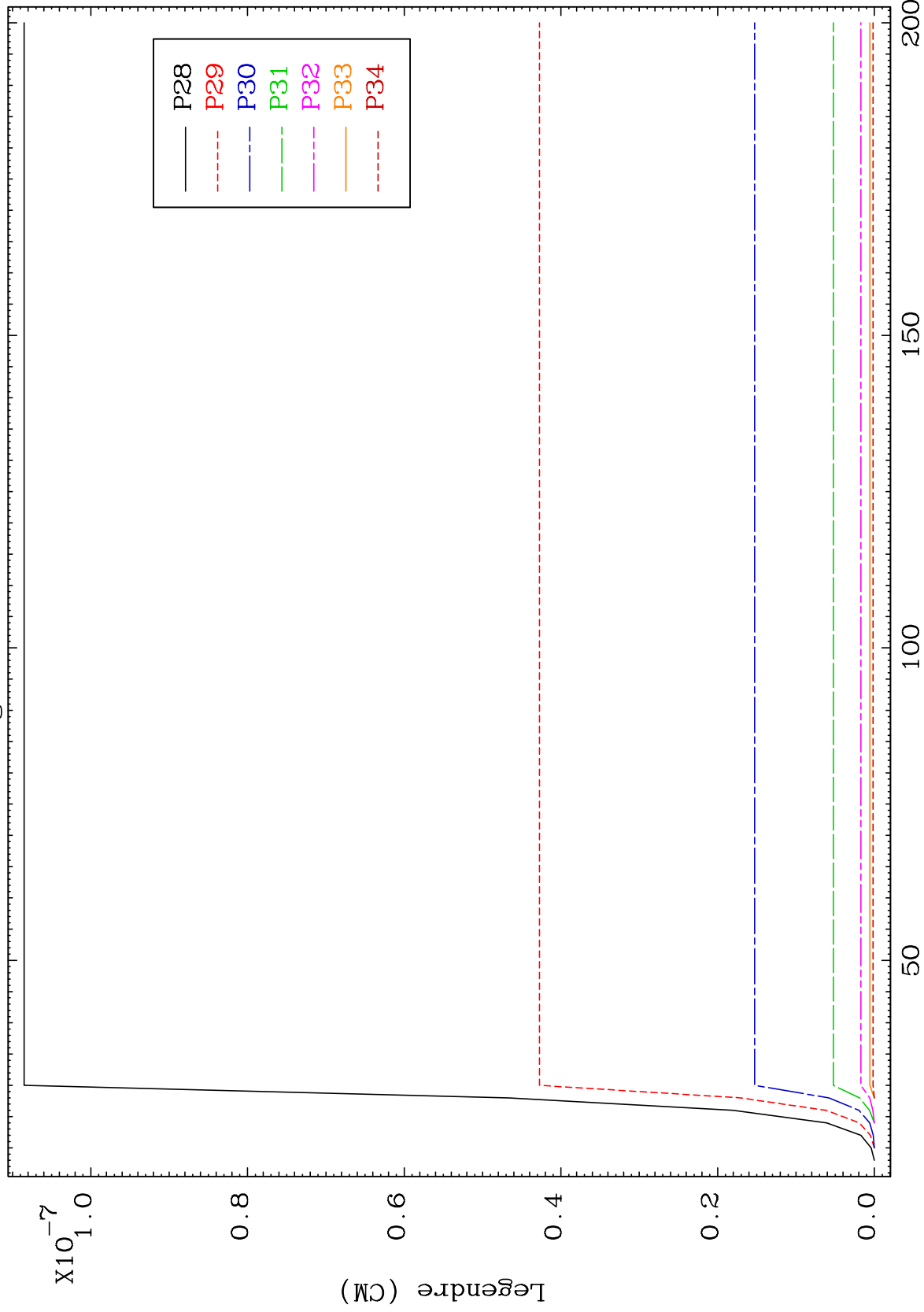




MAT 3955

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

39-Y -99



64

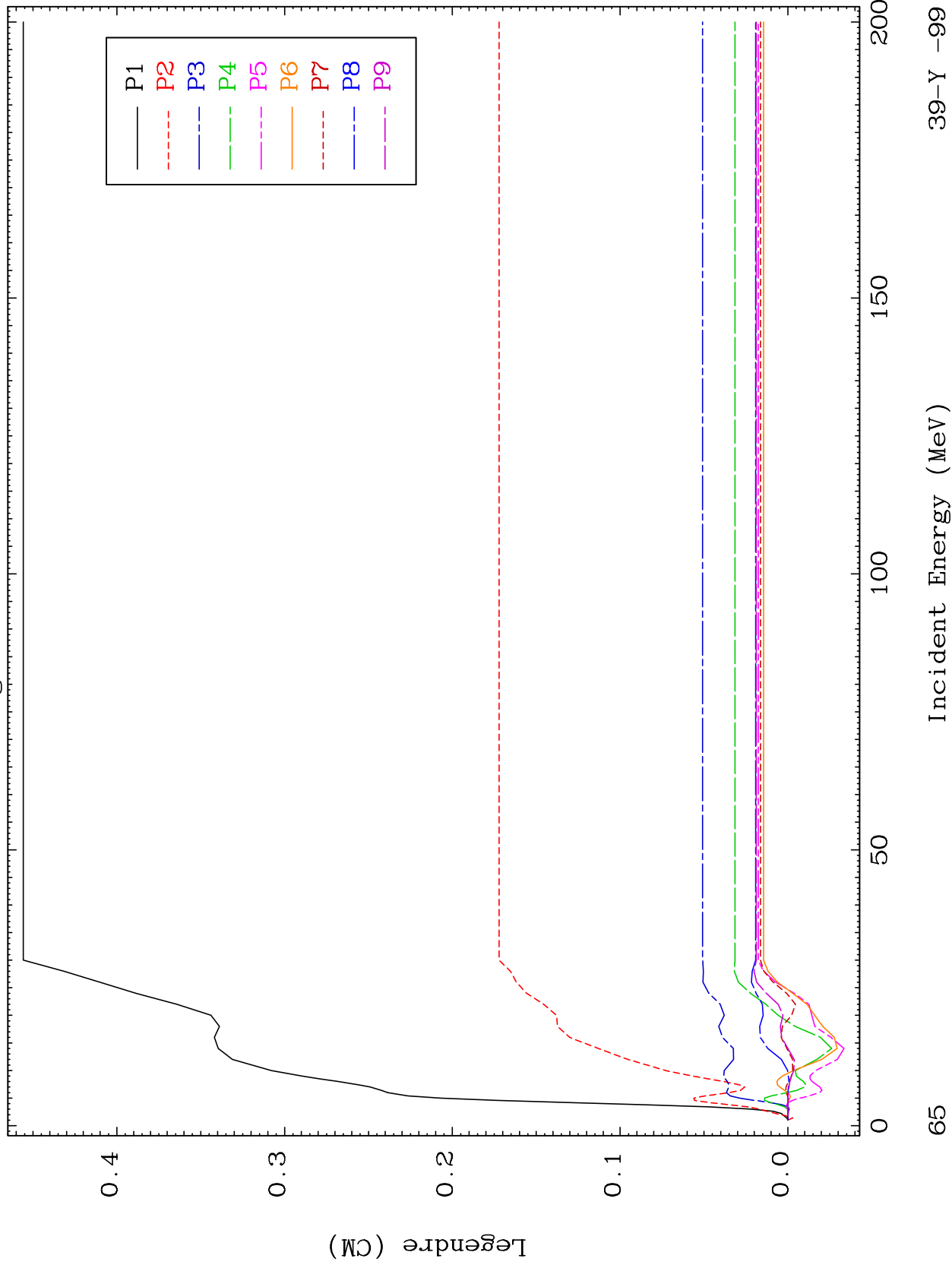
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



39-Y -99

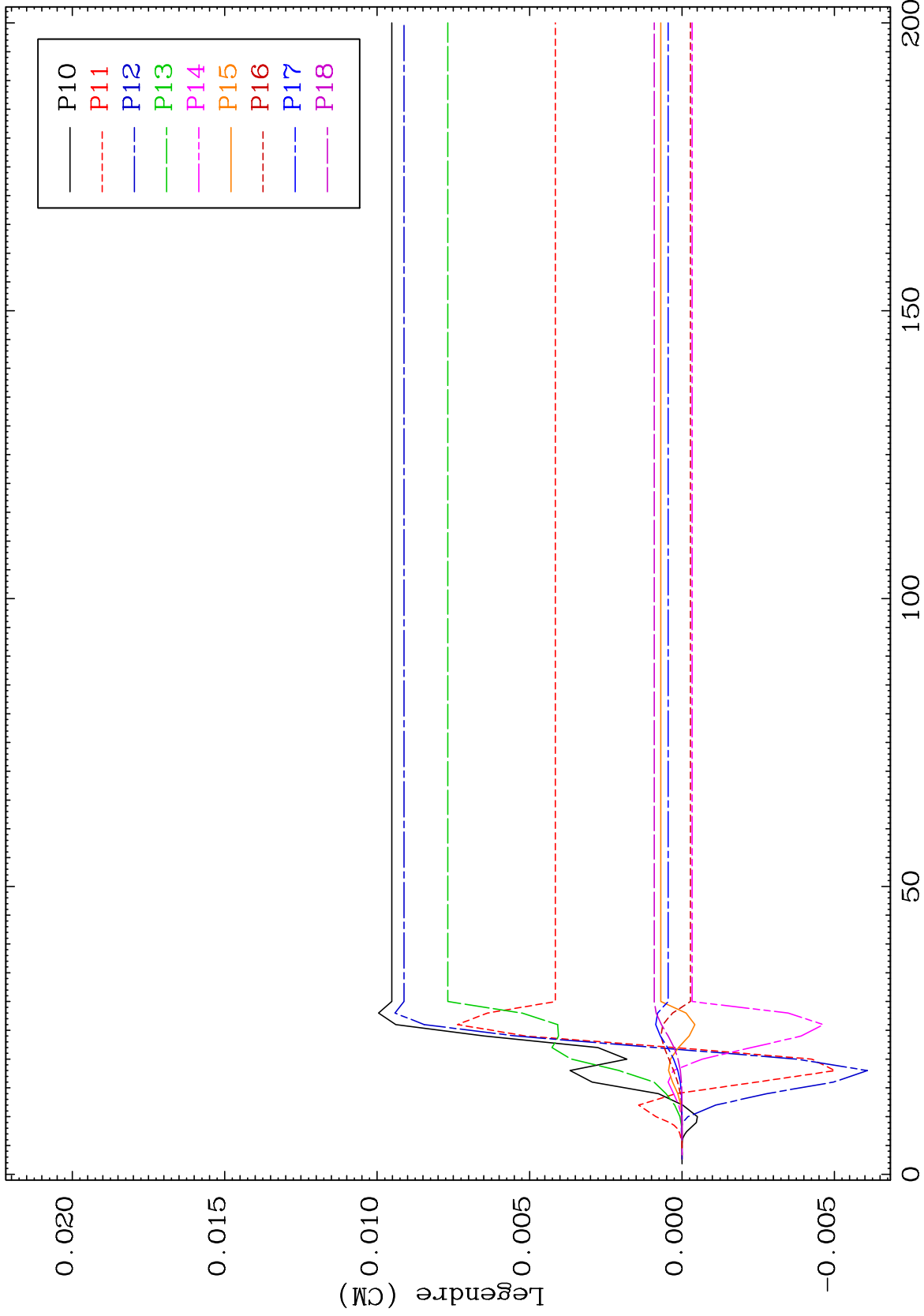
Incident Energy (MeV)

65

MAT 3955

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

39-Y -99



66

Incident Energy (MeV)

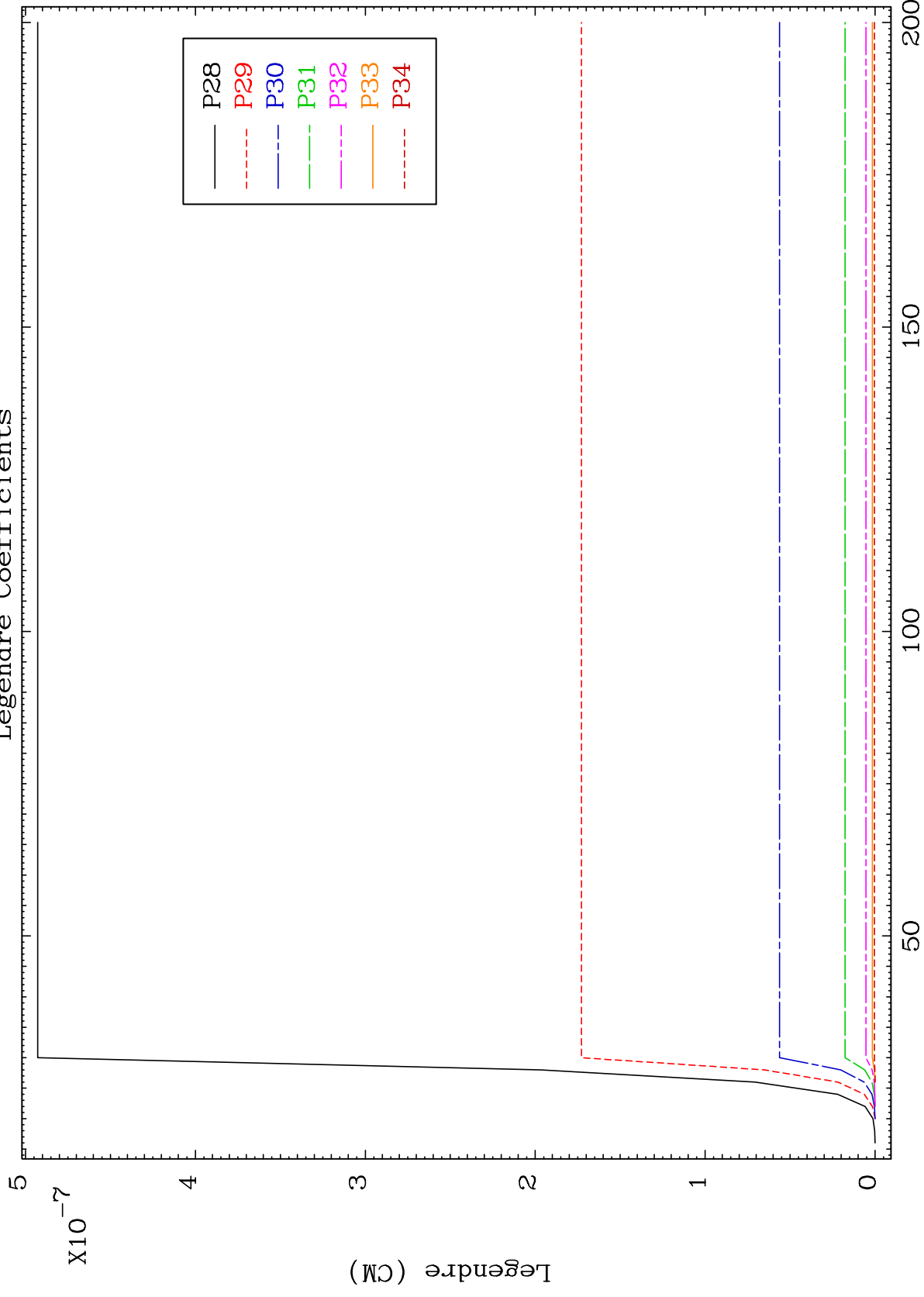
39-Y -99



MAT 3955

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

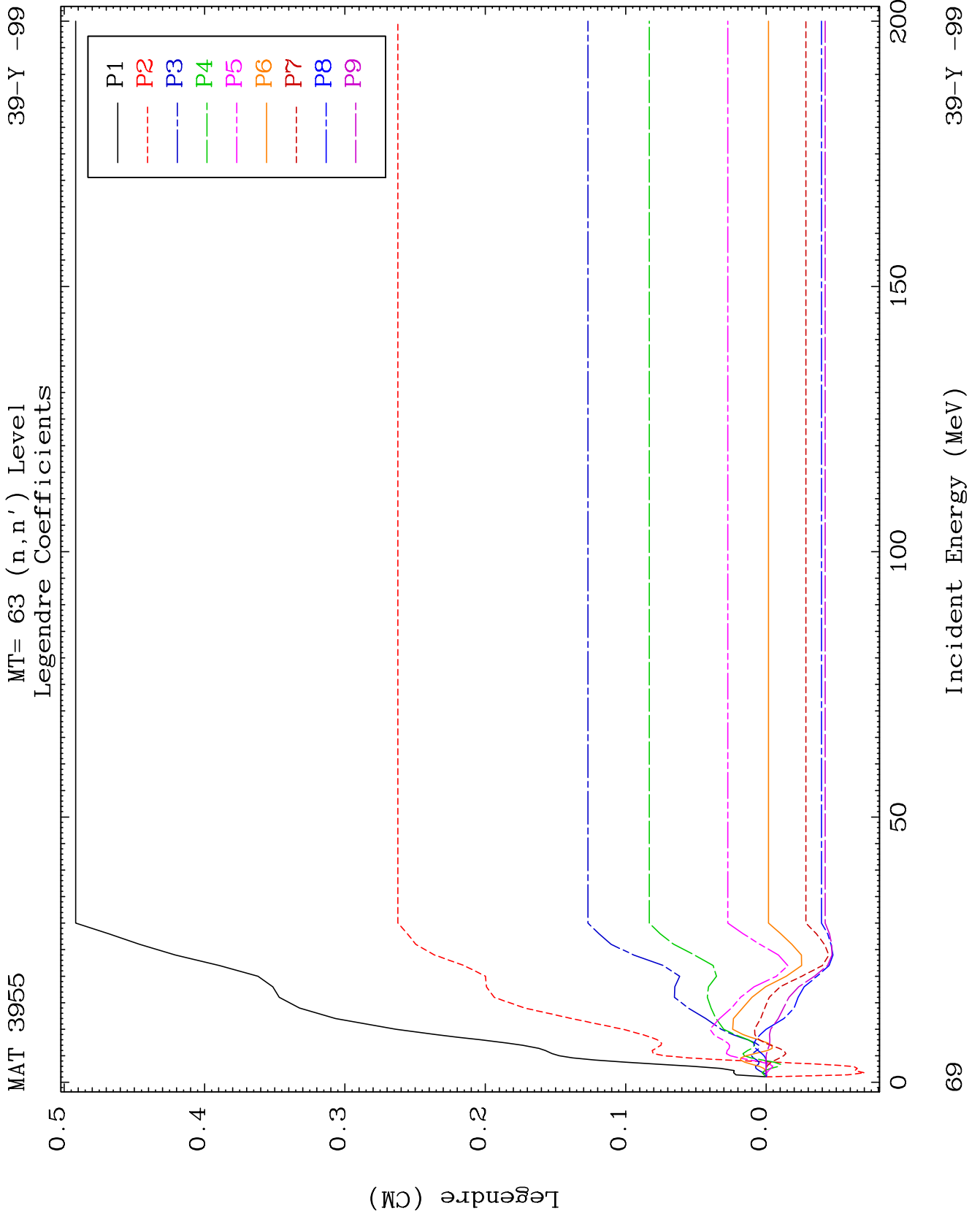
39-Y -99



68

Incident Energy (MeV)

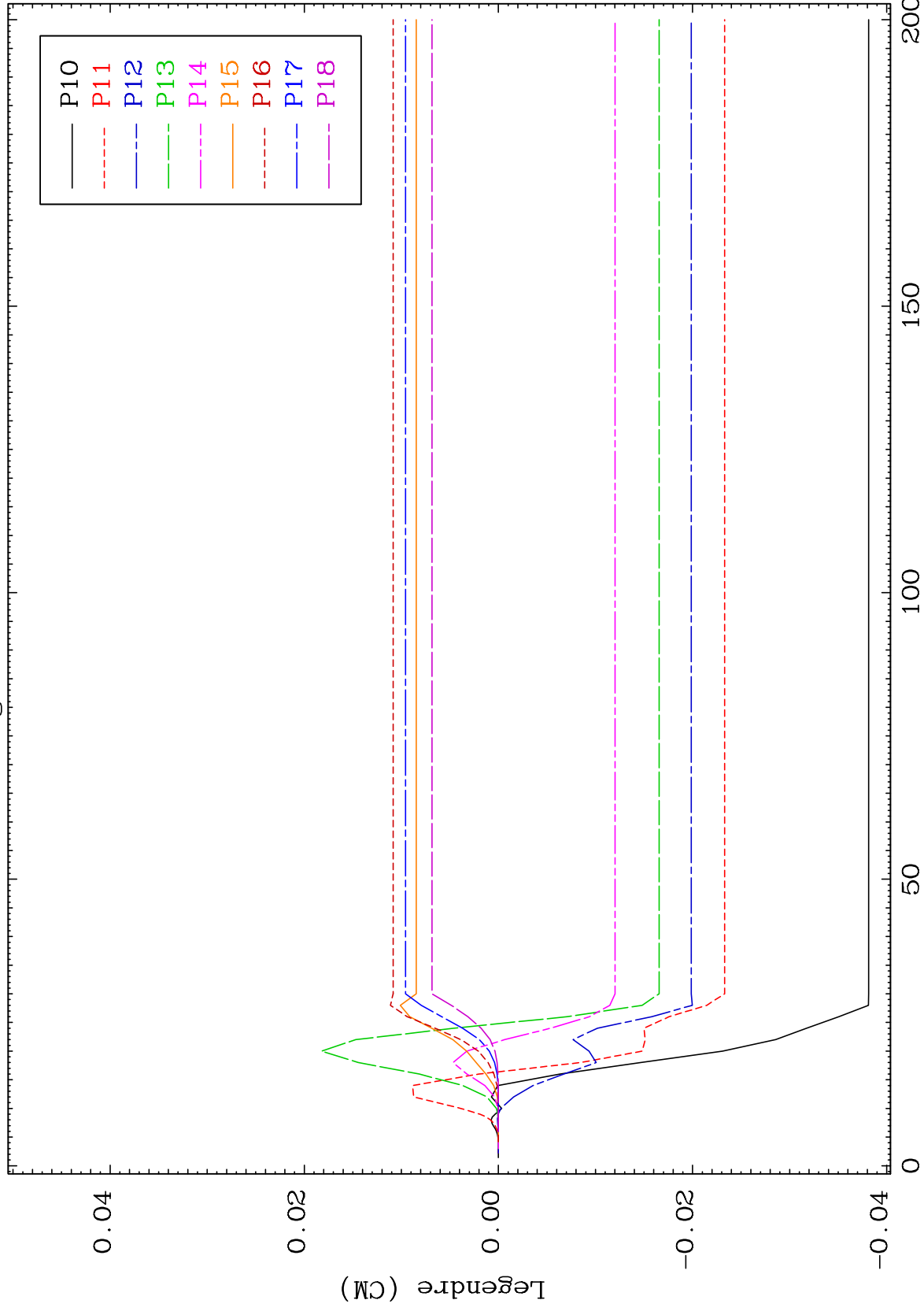
39-Y -99



MAT 3955

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

39-Y -99



39-Y -99

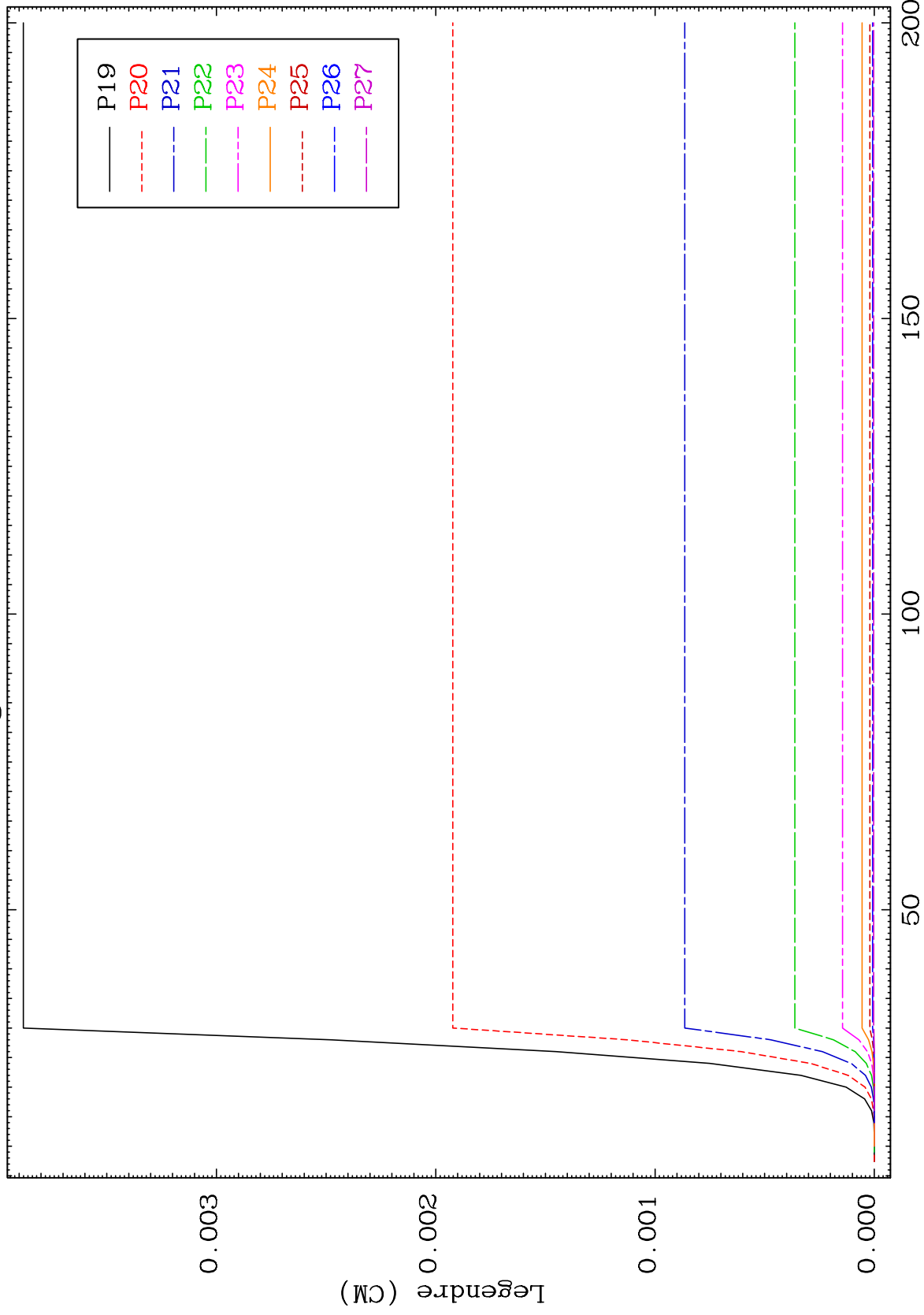
Incident Energy (MeV)

70

MAT 3955

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

39-Y -99



71

Incident Energy (MeV)

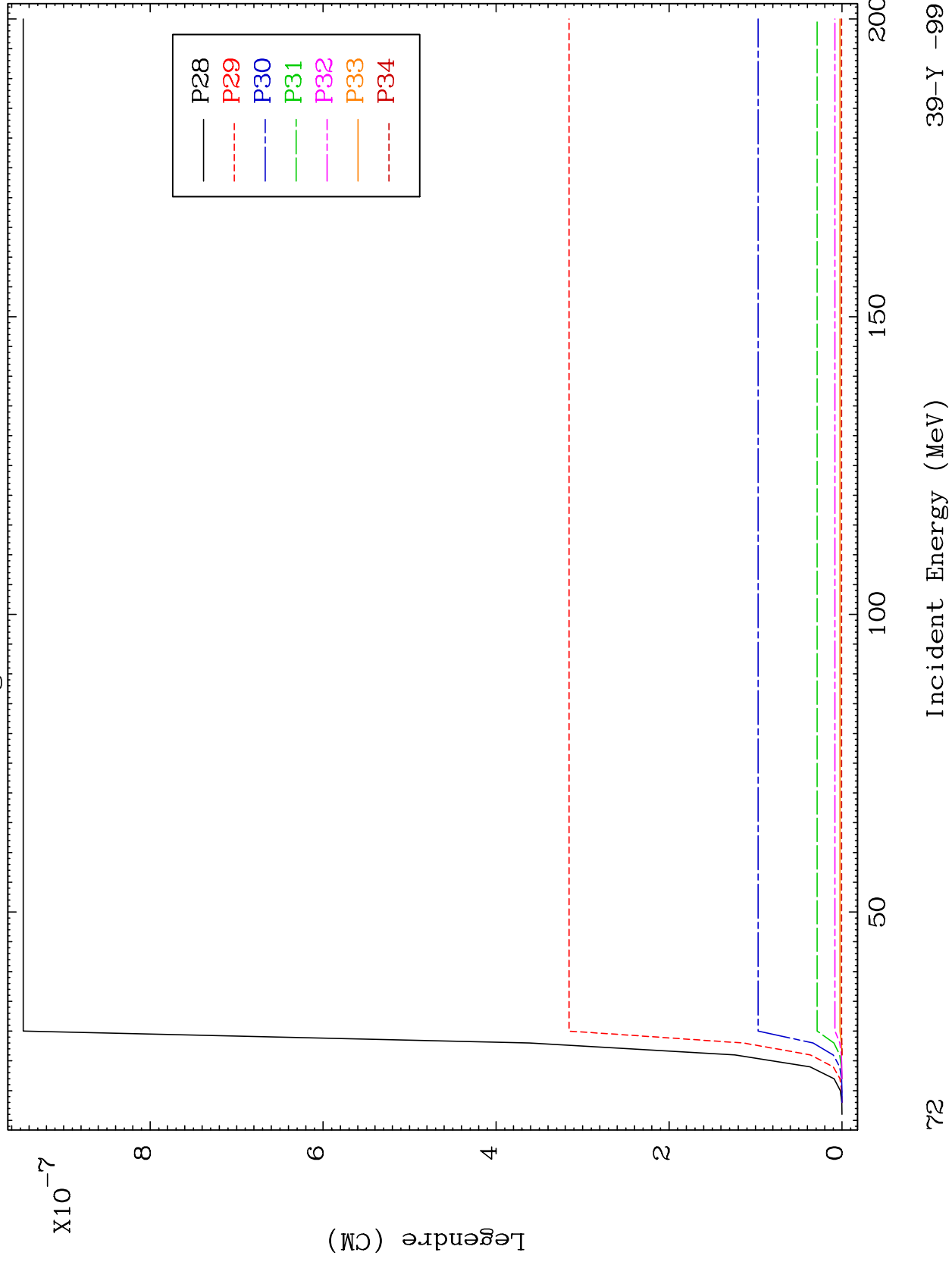
39-Y -99



MAT 3955

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

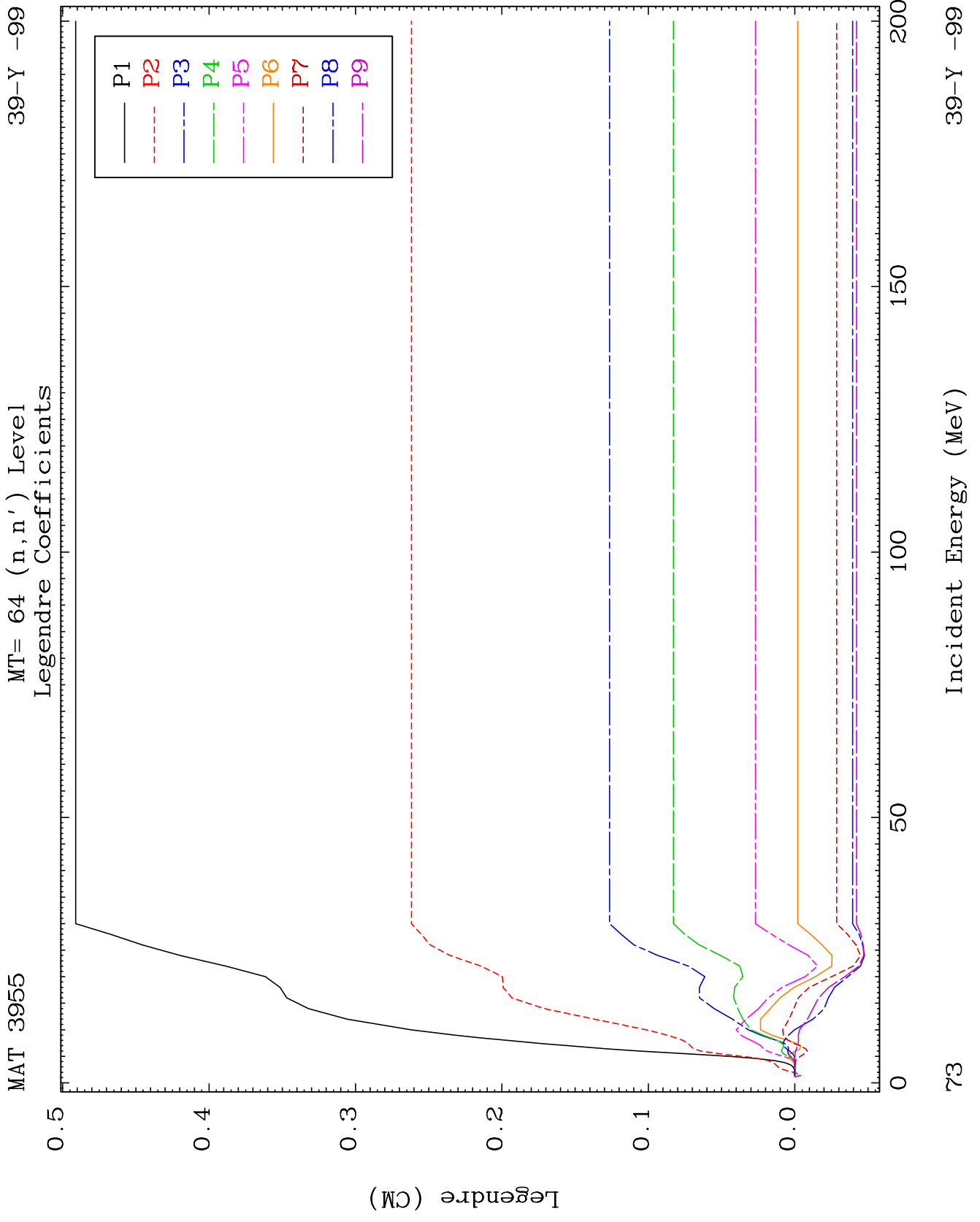
39-Y -99



72

Incident Energy (MeV)

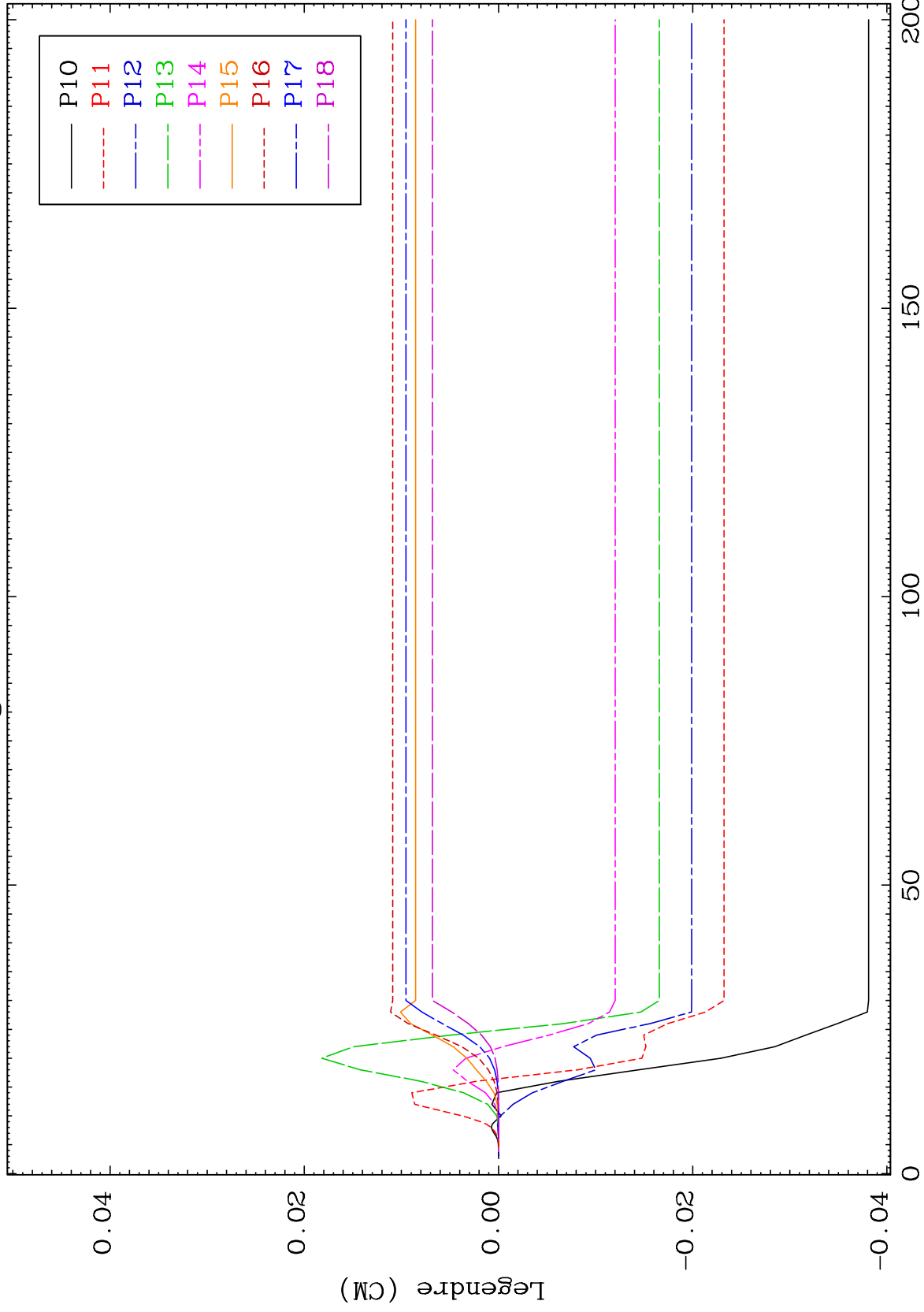
39-Y -99



MAT 3955

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

39-Y -99



74

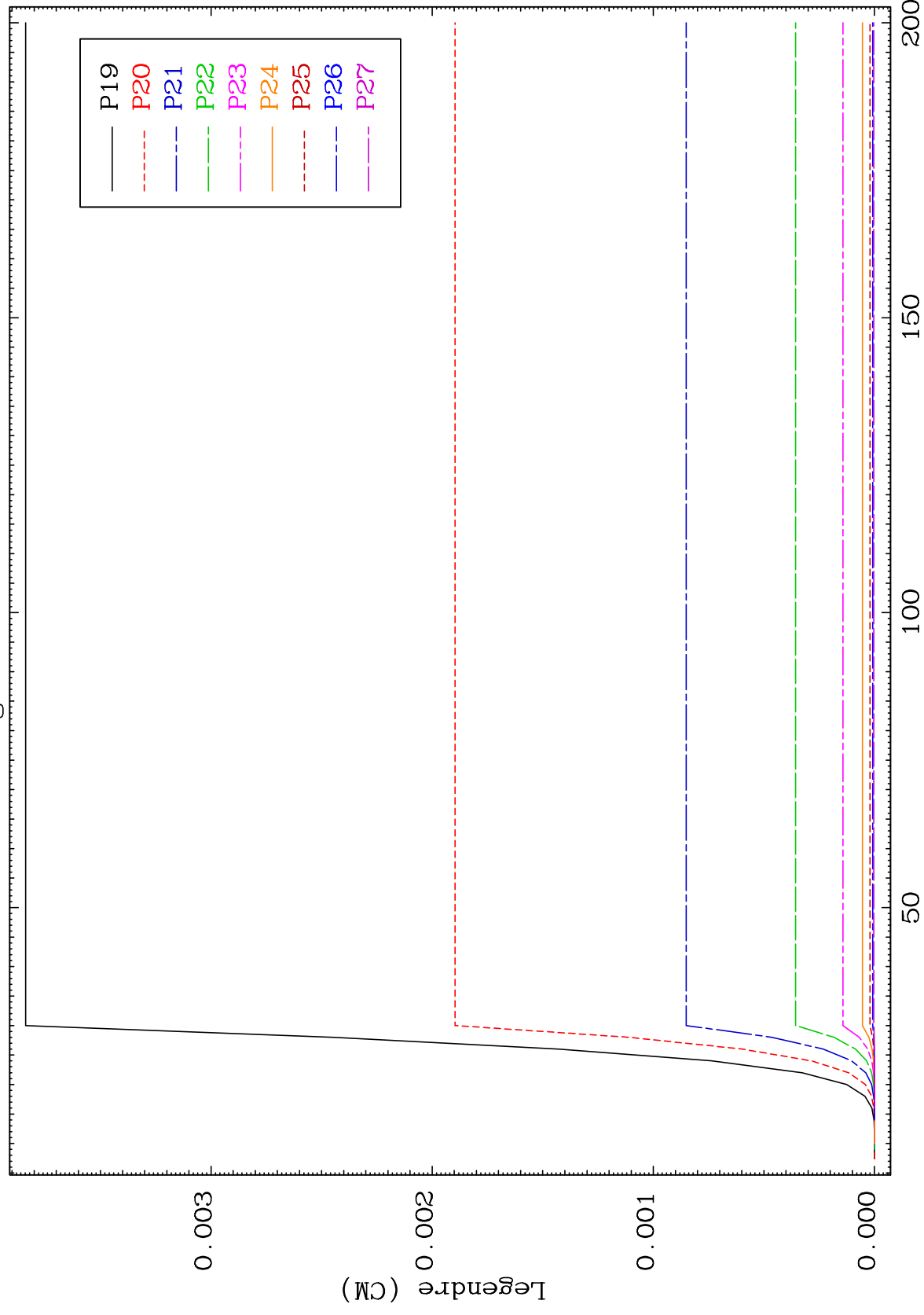
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



75

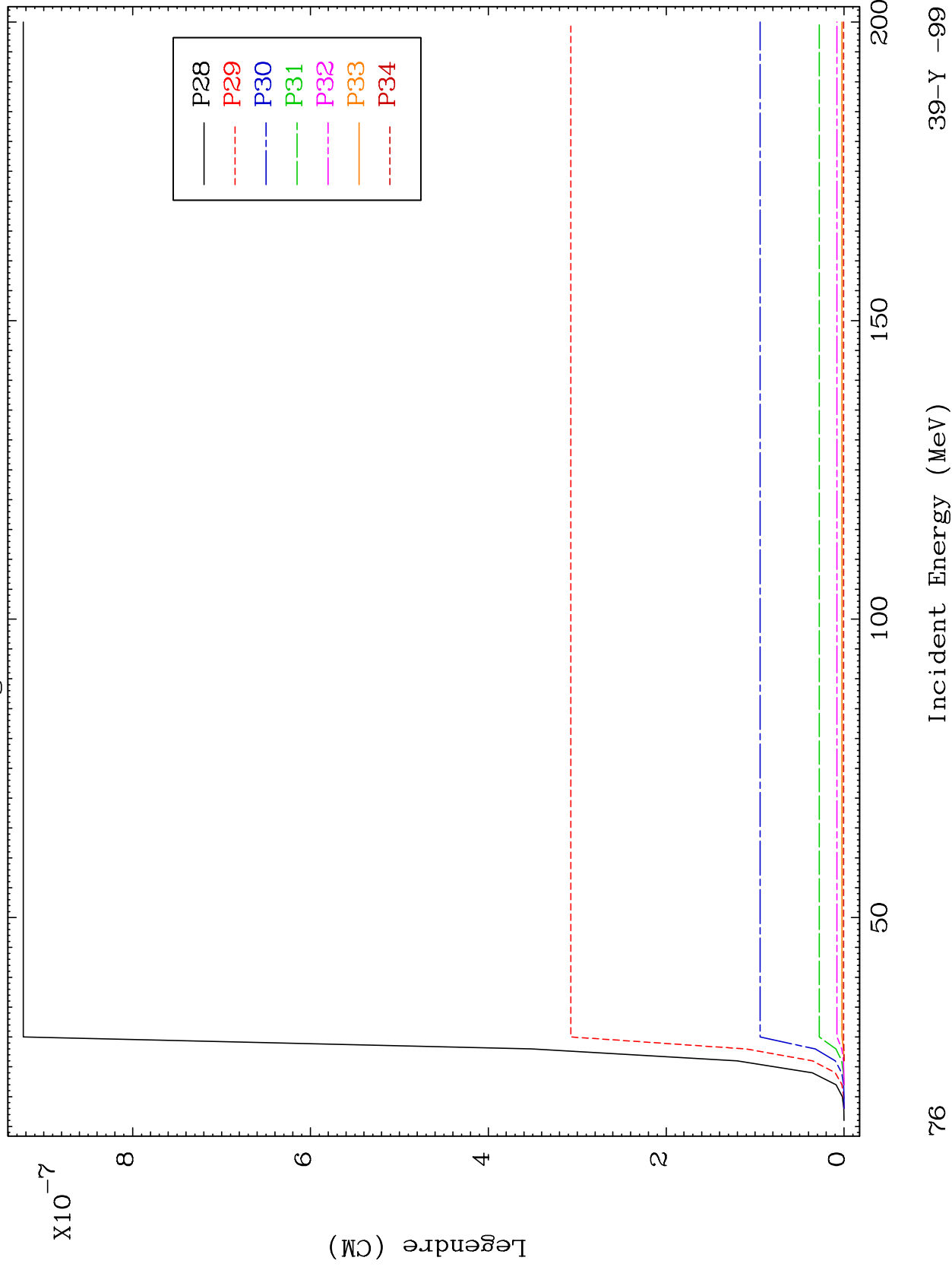
Incident Energy (MeV)

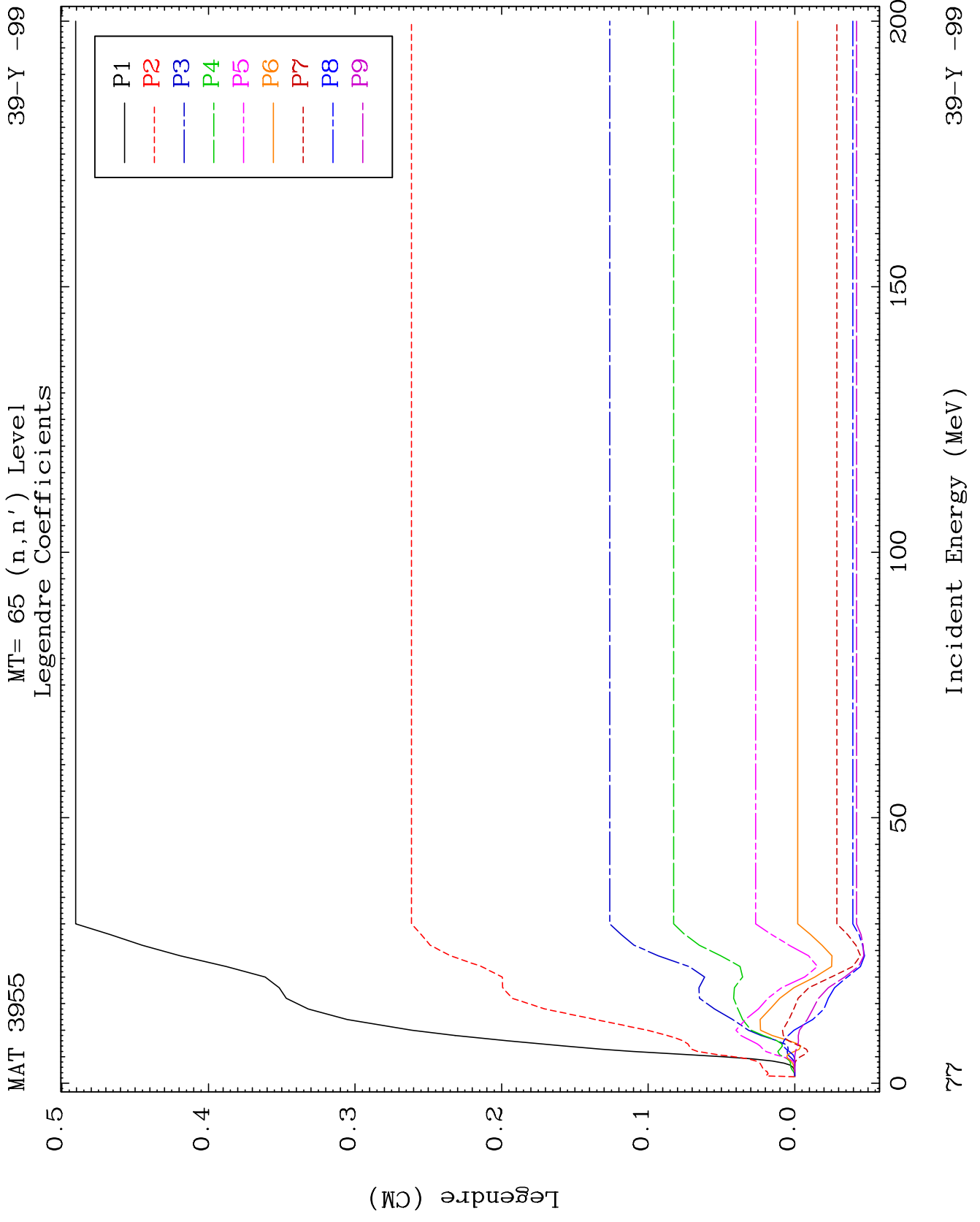
39-Y -99

MAT 3955

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

39-Y -99

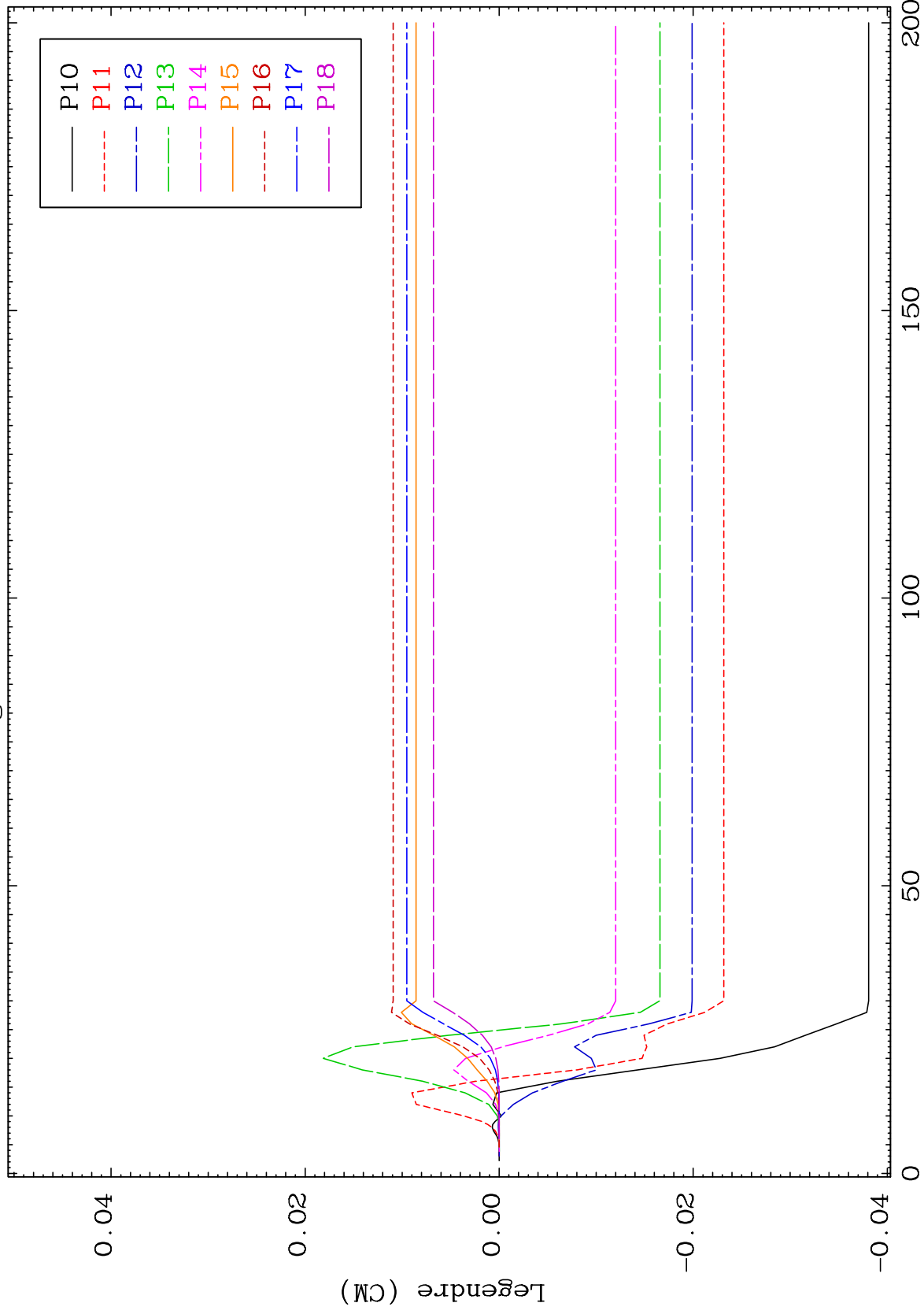




MAT 3955

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

39-Y -99



78

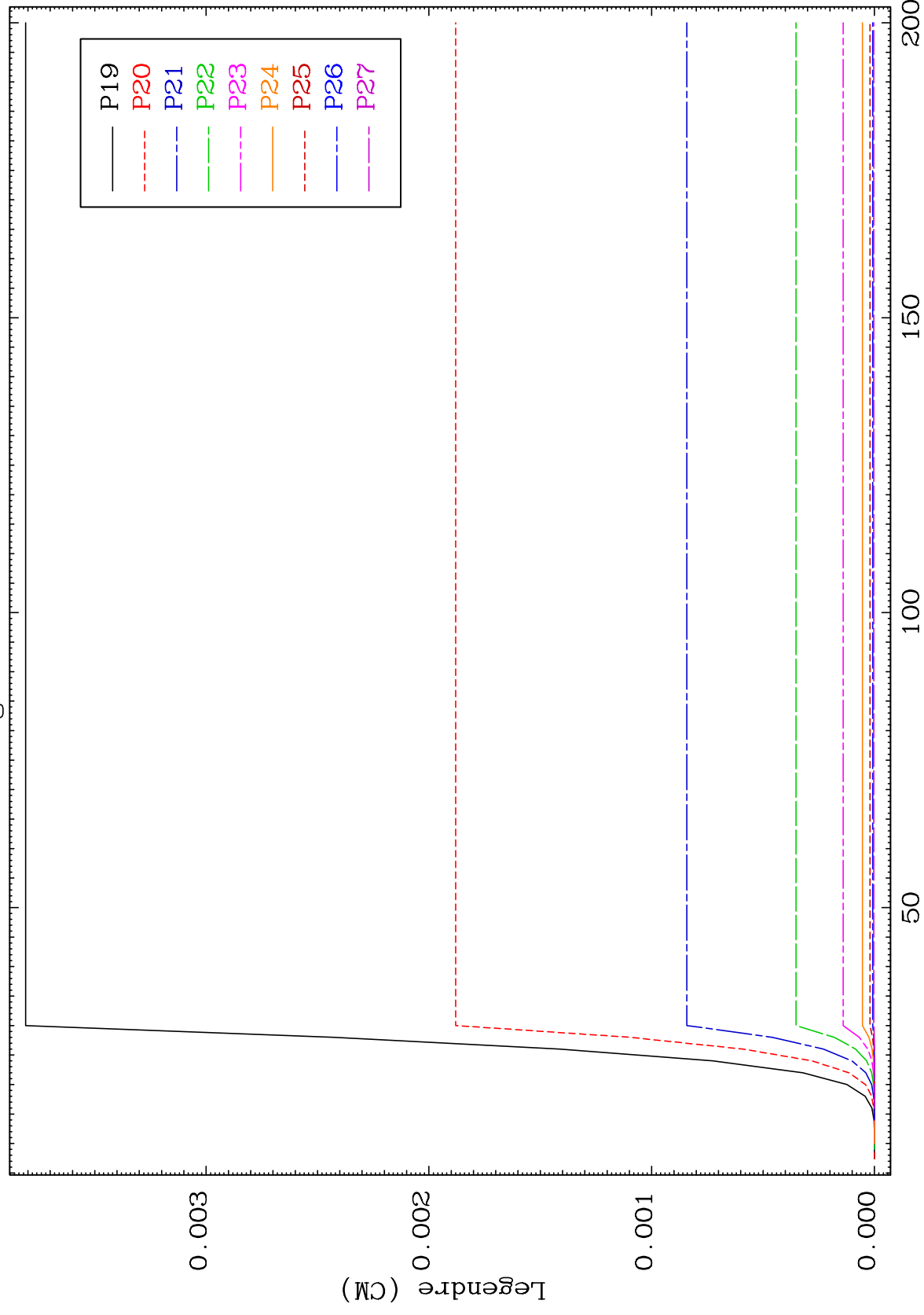
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



79

Incident Energy (MeV)

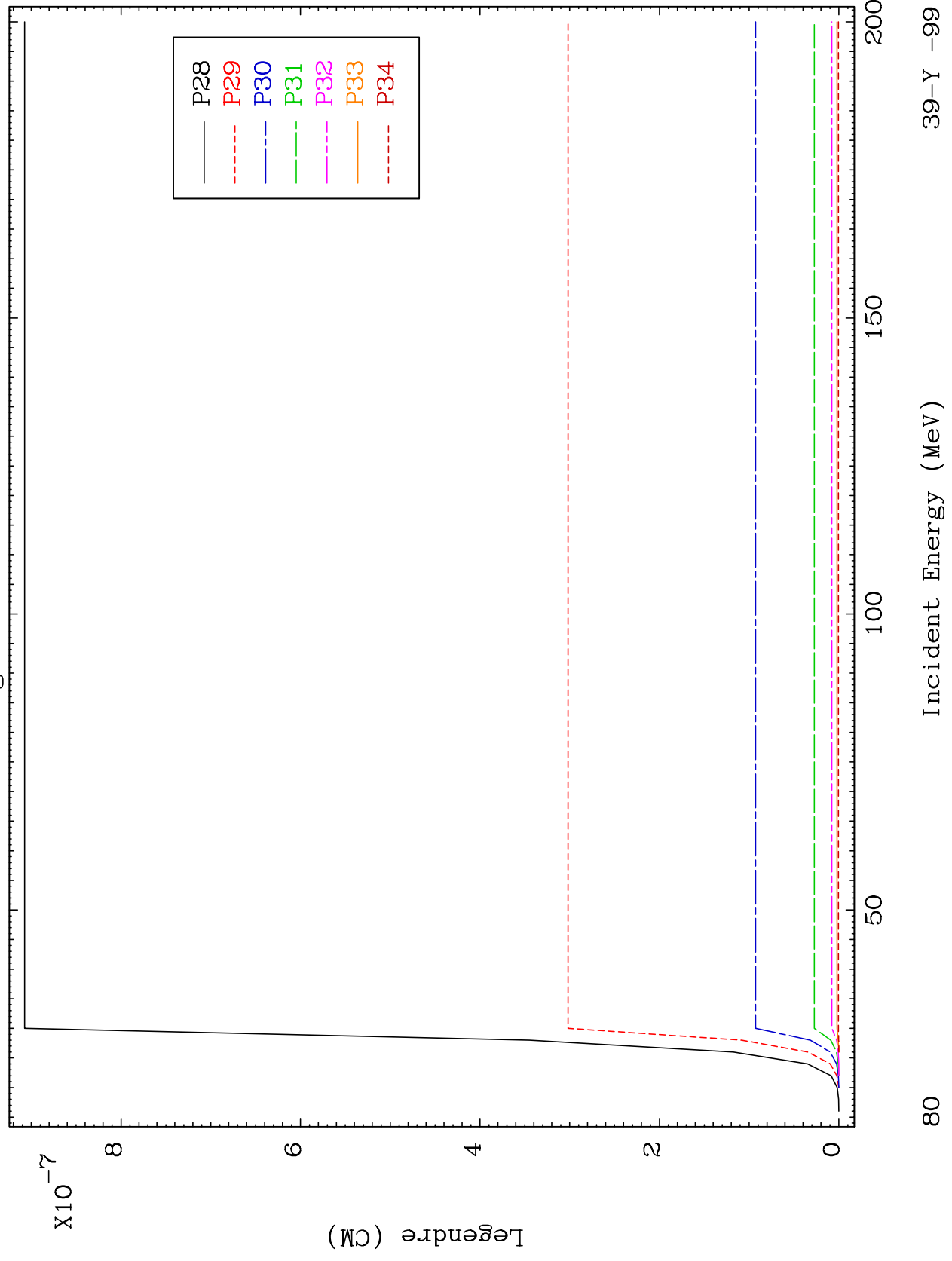
39-Y -99



MAT 3955

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

39-Y -99



80

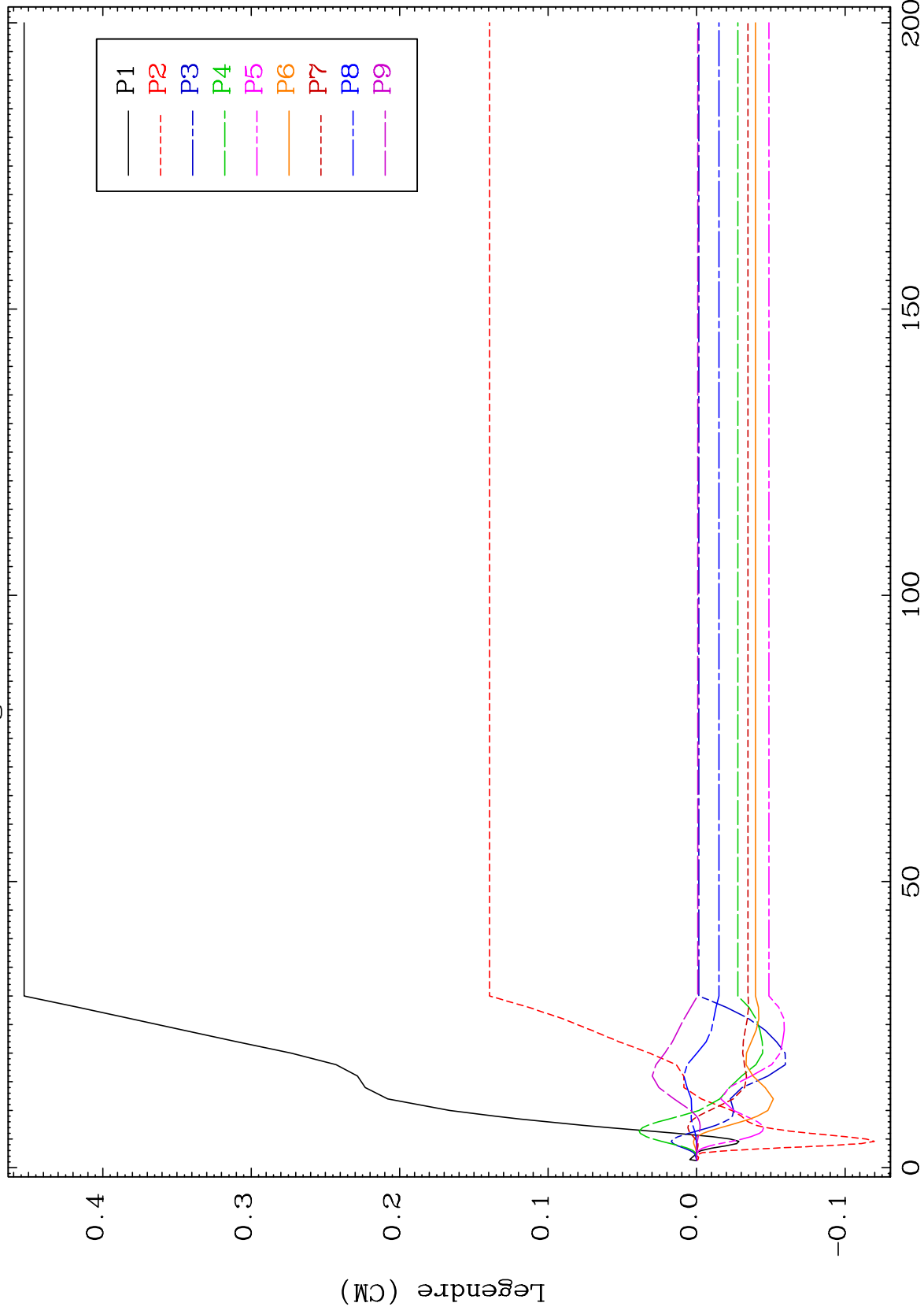
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



81

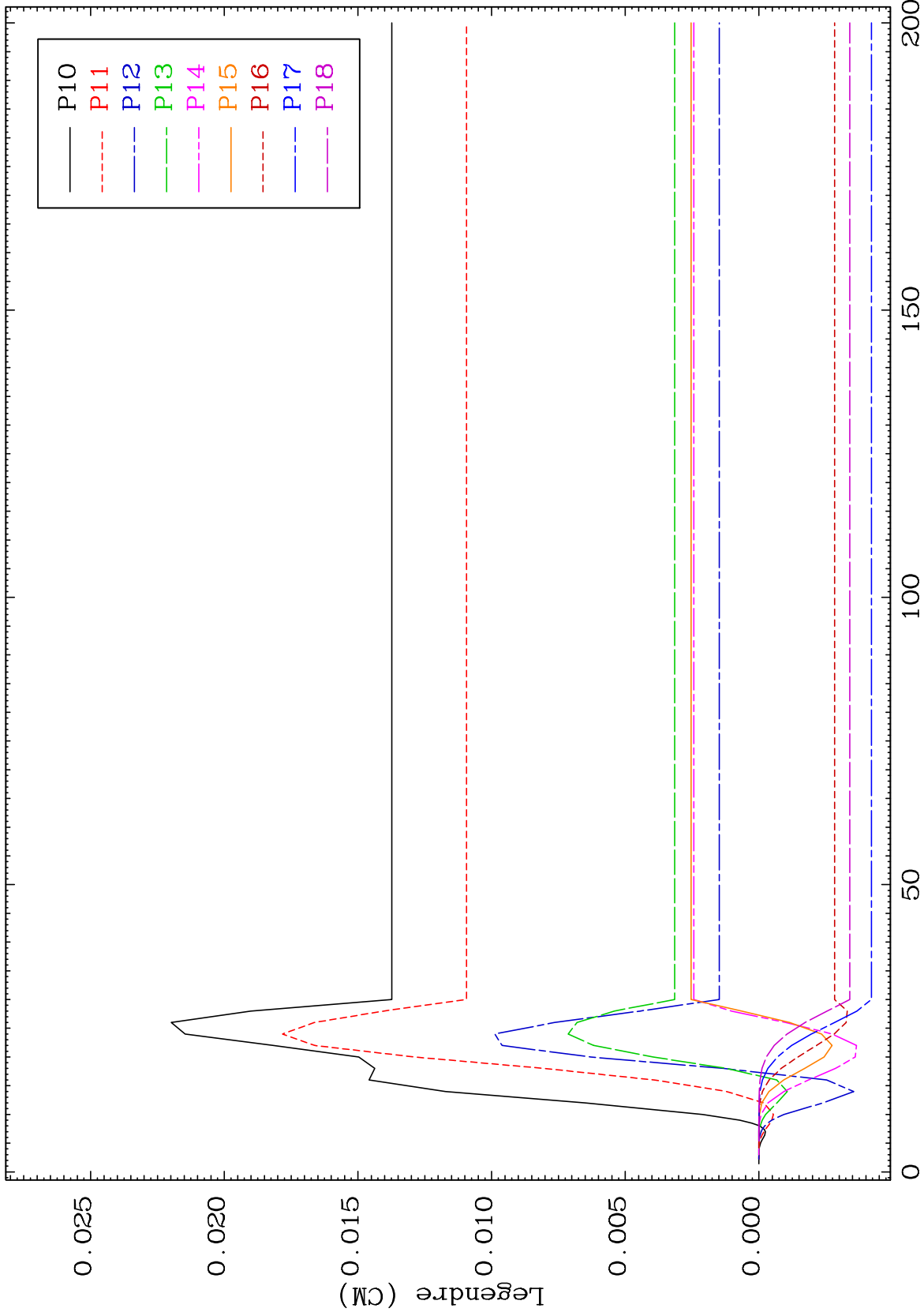
Incident Energy (MeV)

39-Y -99

MAT 3955

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

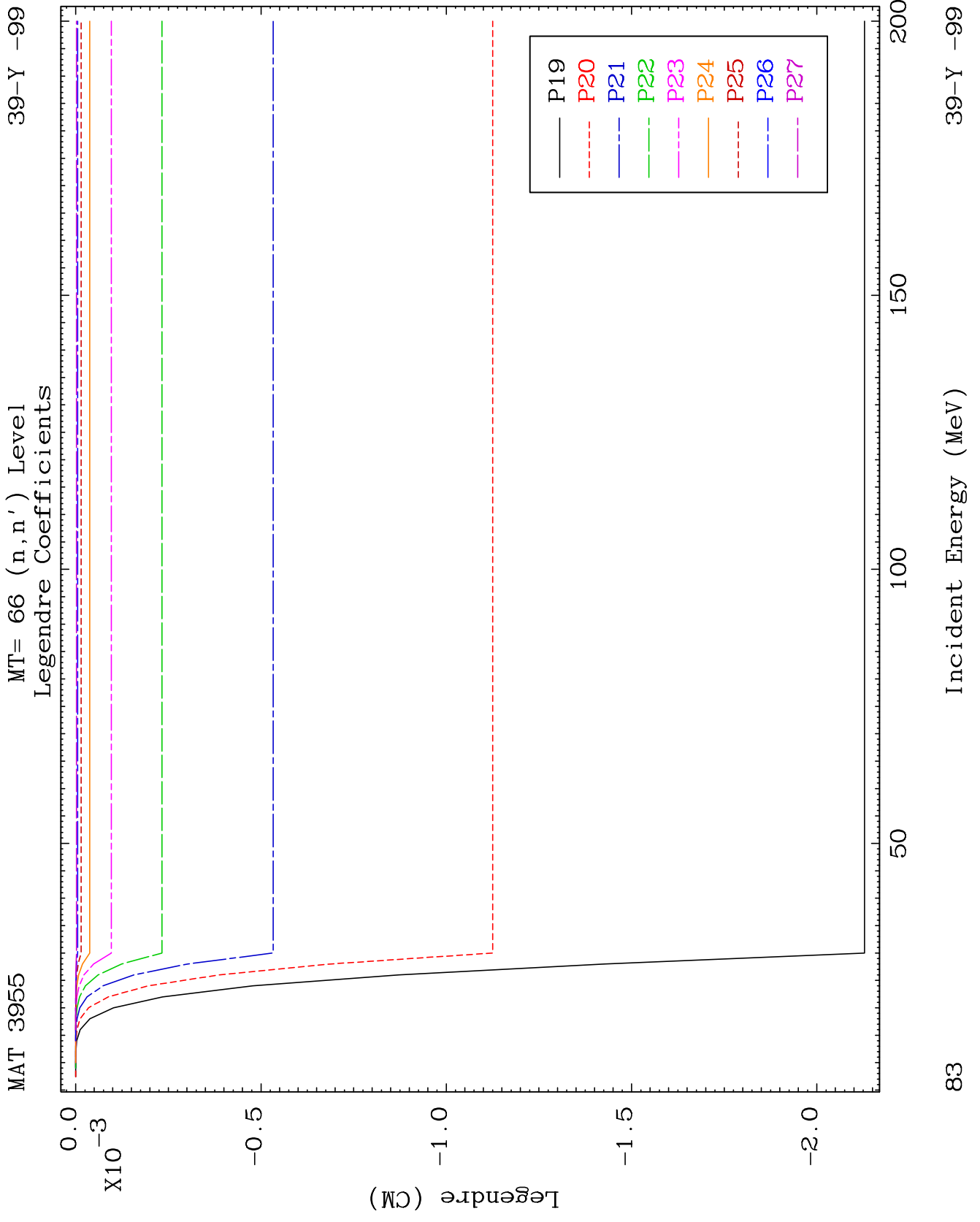
39-Y -99

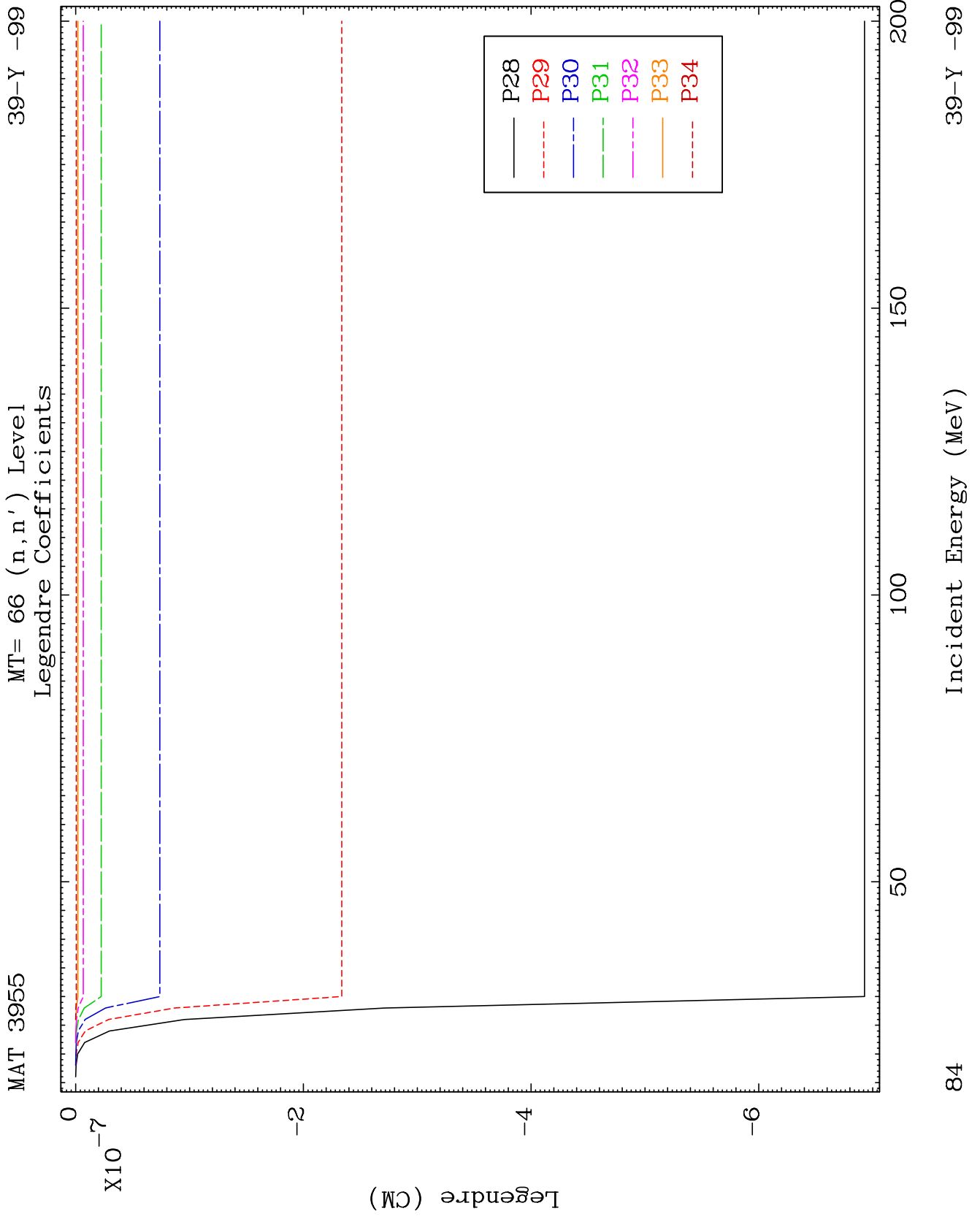


82

Incident Energy (MeV)

39-Y -99

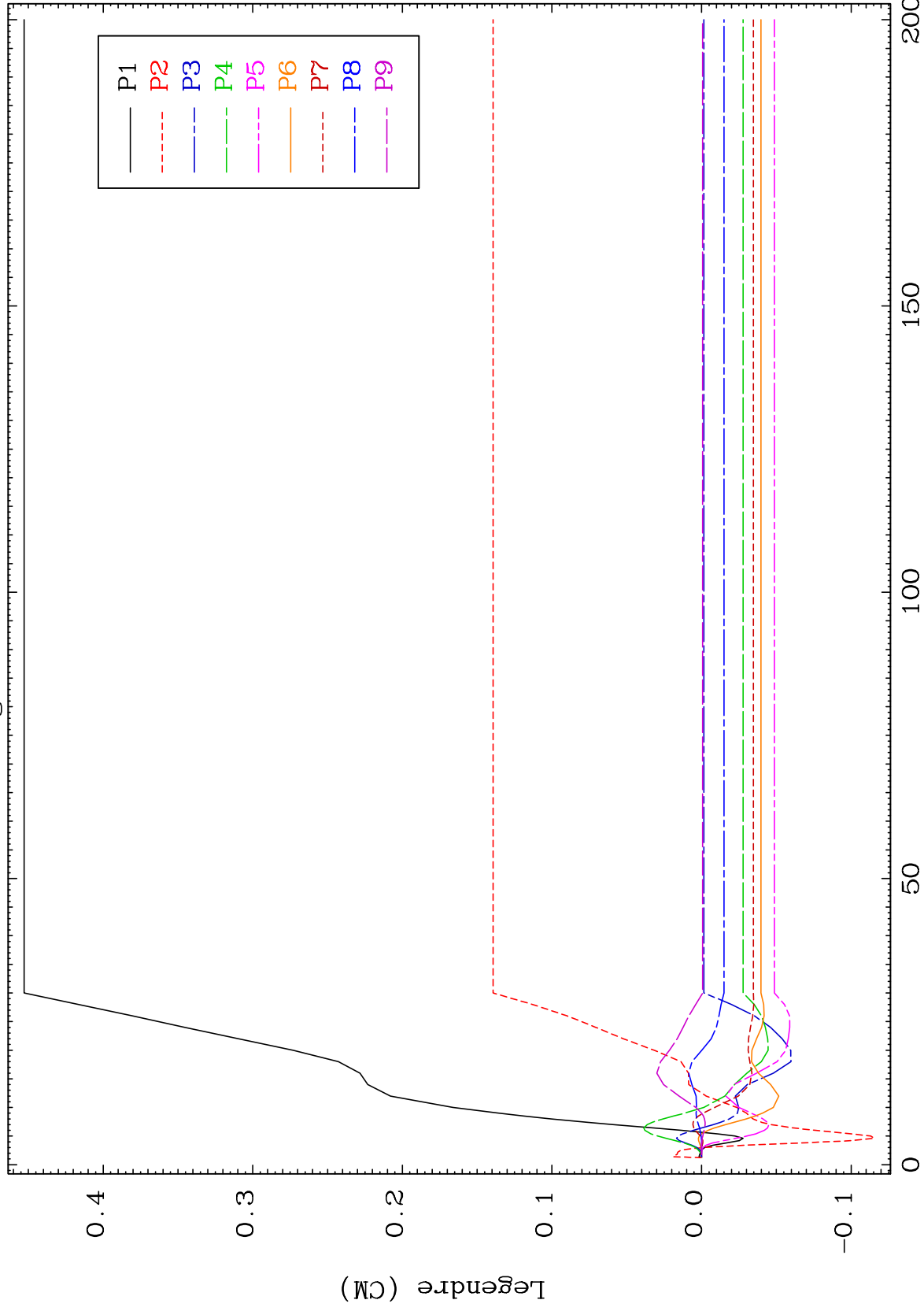




MAT 3955

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

39-Y -99



39-Y -99

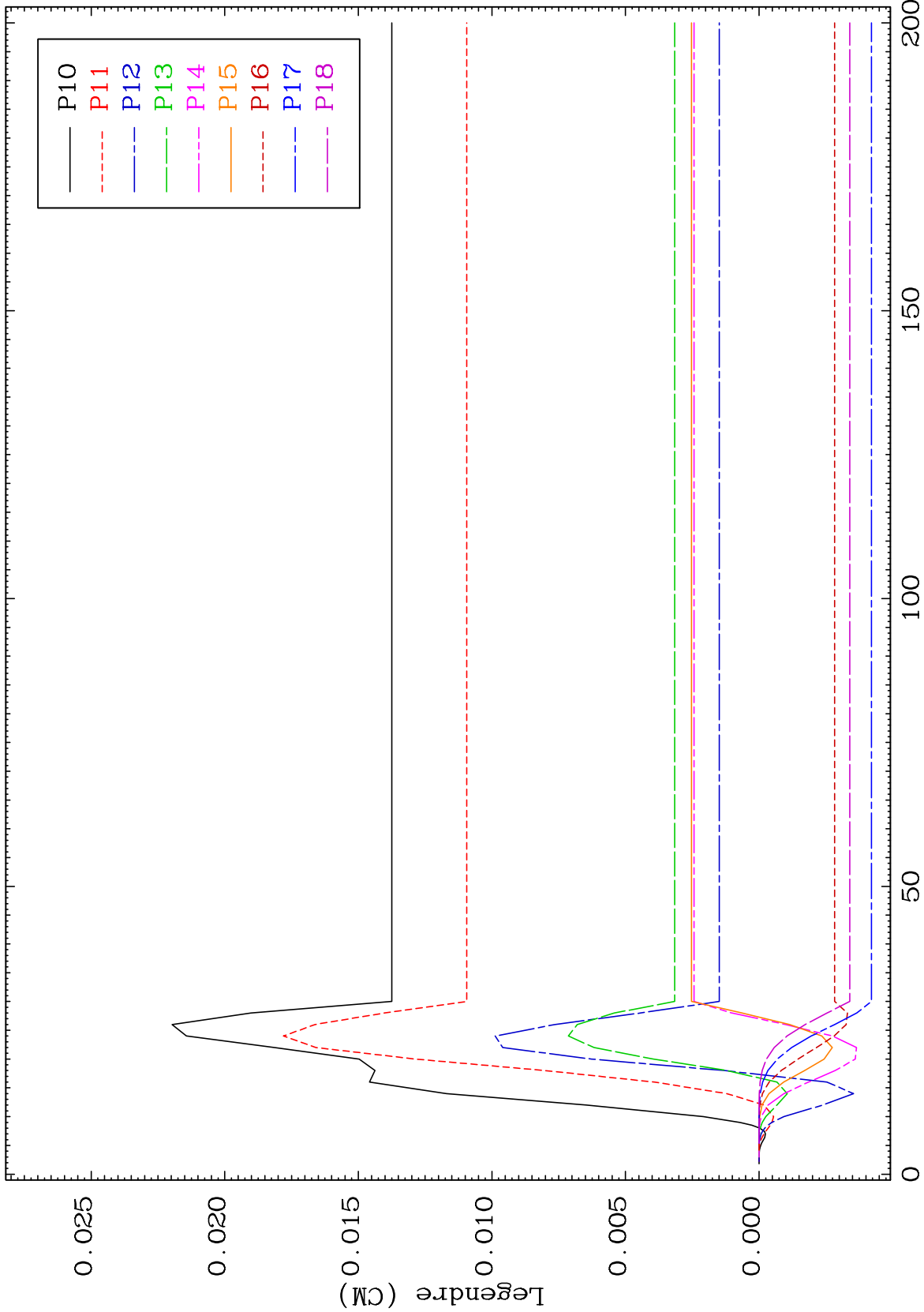
Incident Energy (MeV)

85

MAT 3955

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

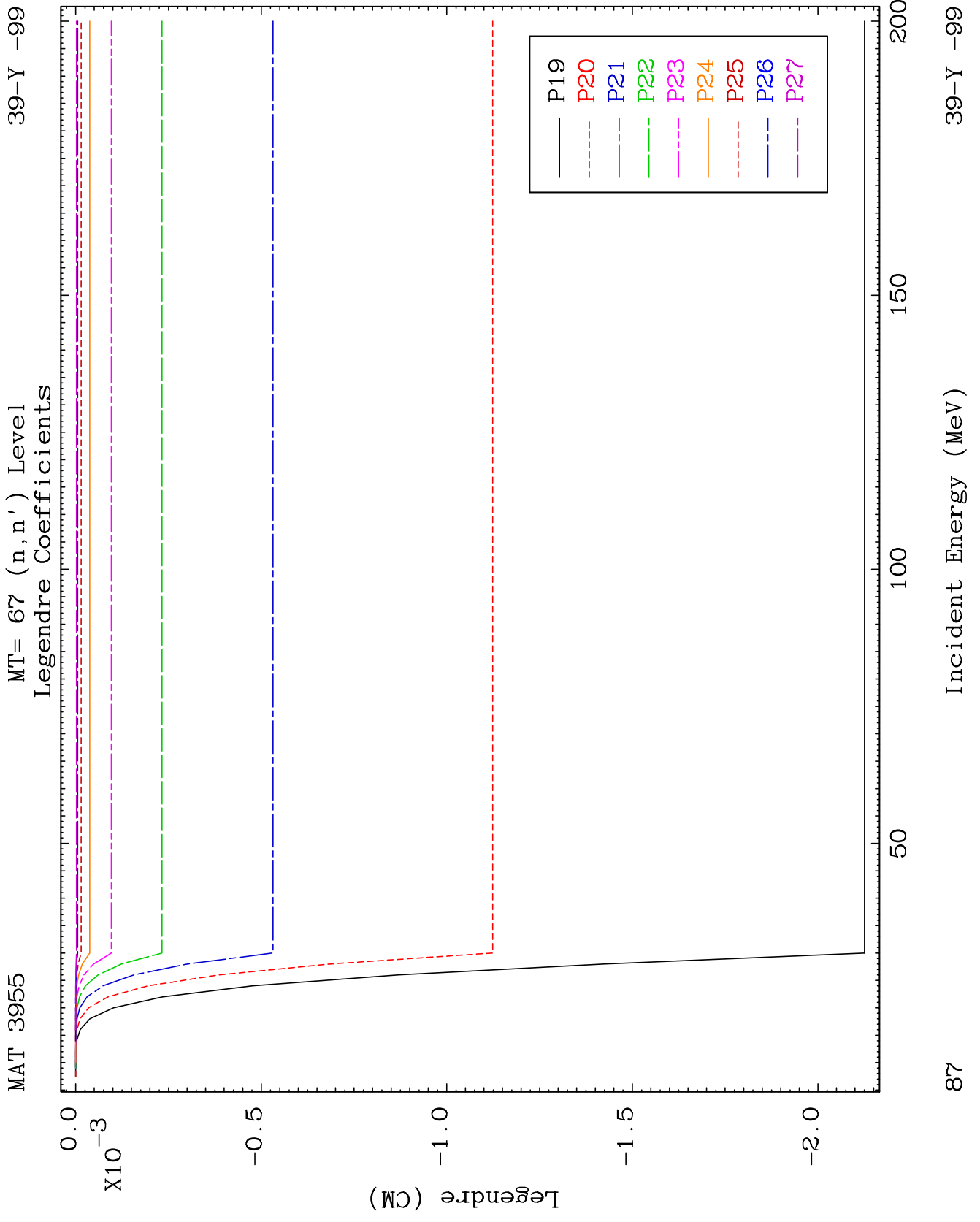
39-Y -99



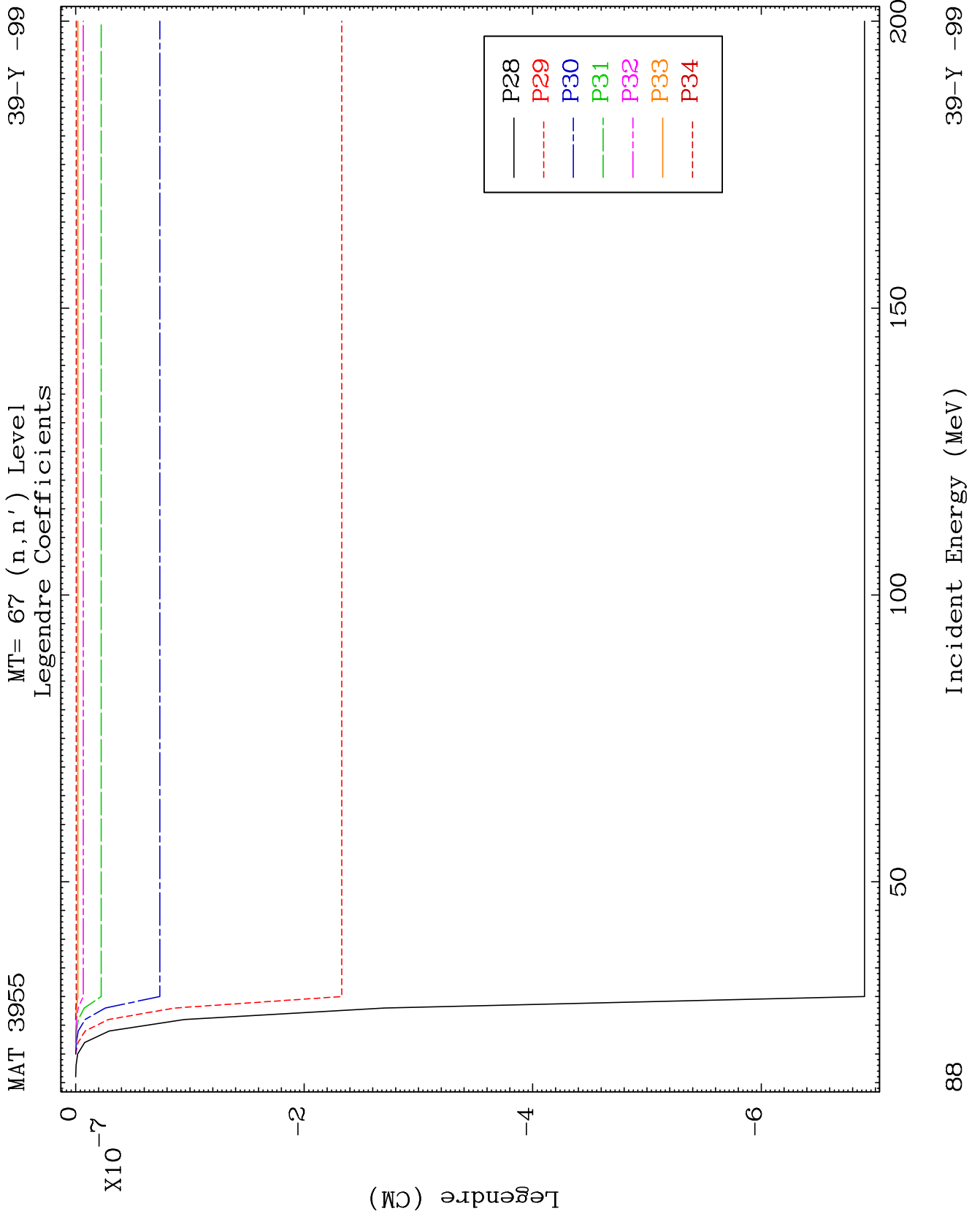
86

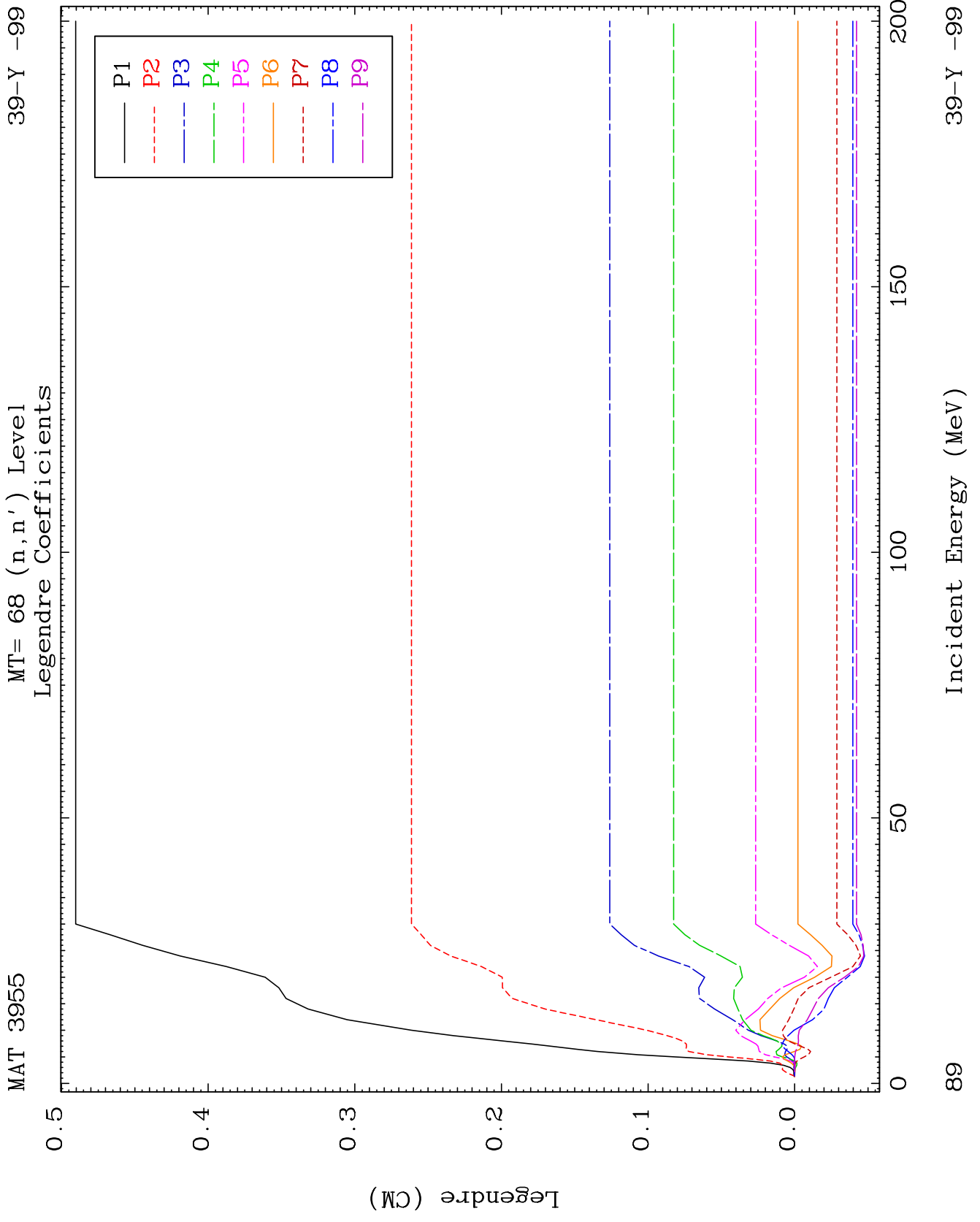
Incident Energy (MeV)

39-Y -99





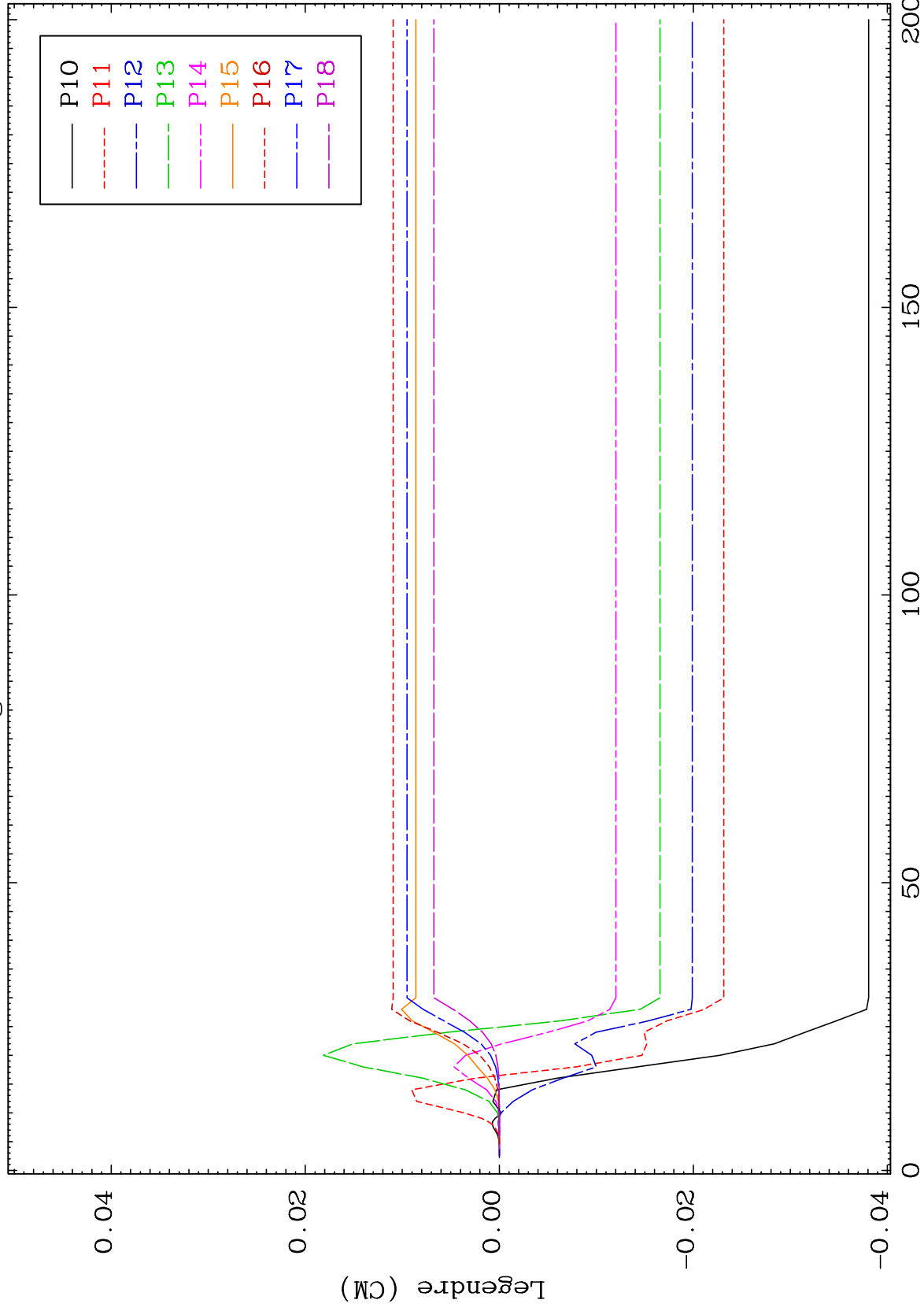




MAT 3955

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

39-Y -99



90

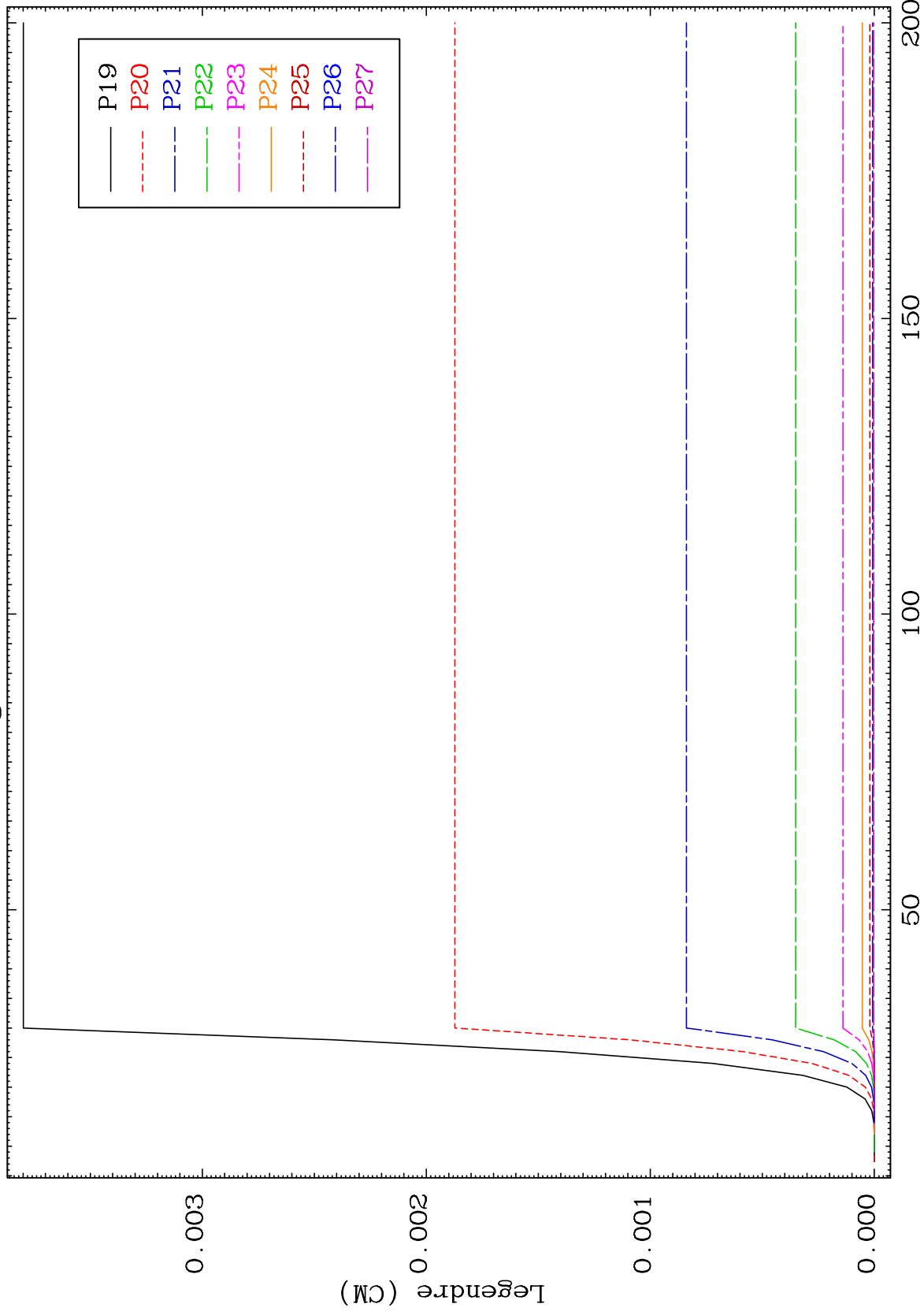
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



91

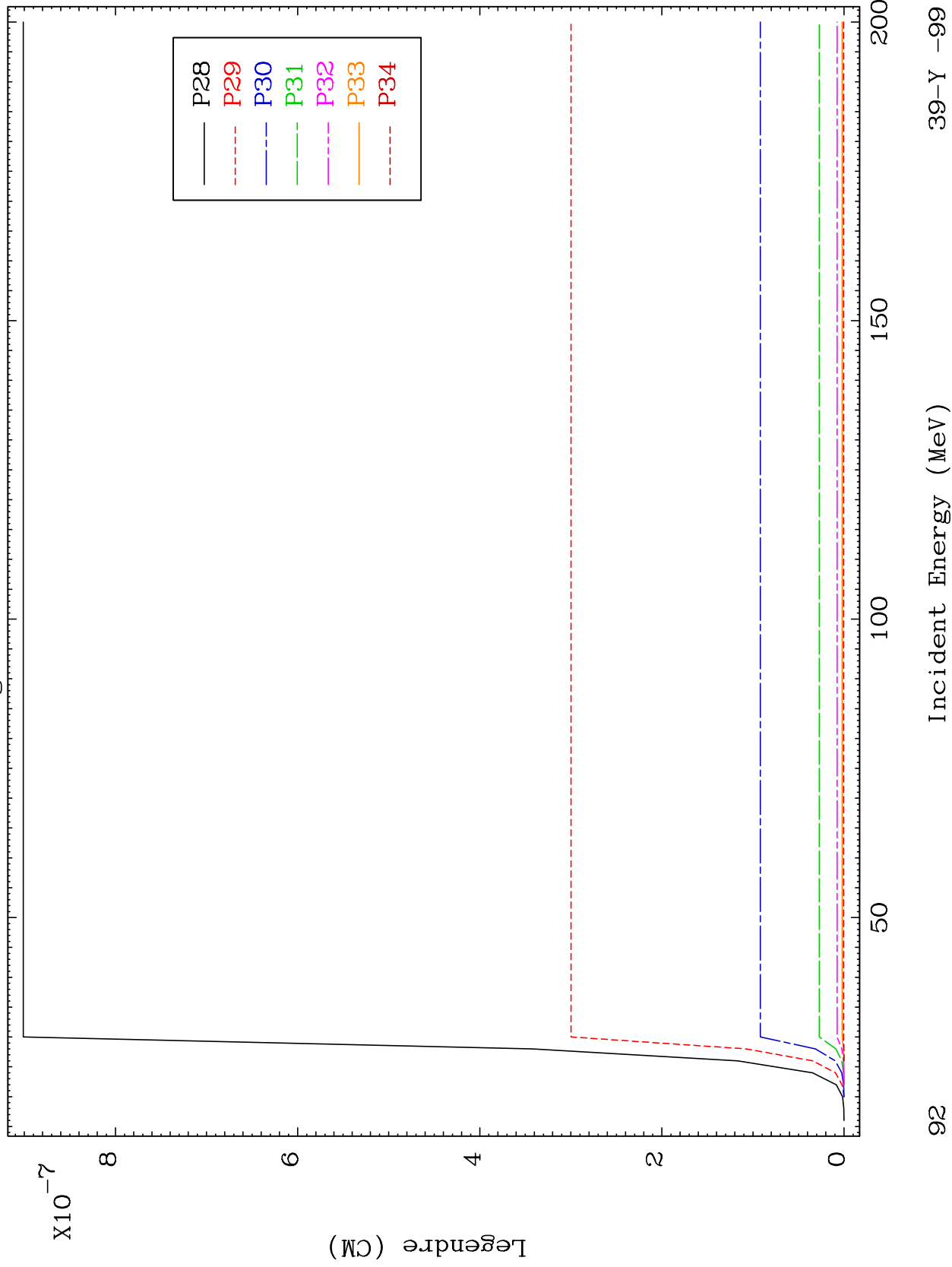
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



92

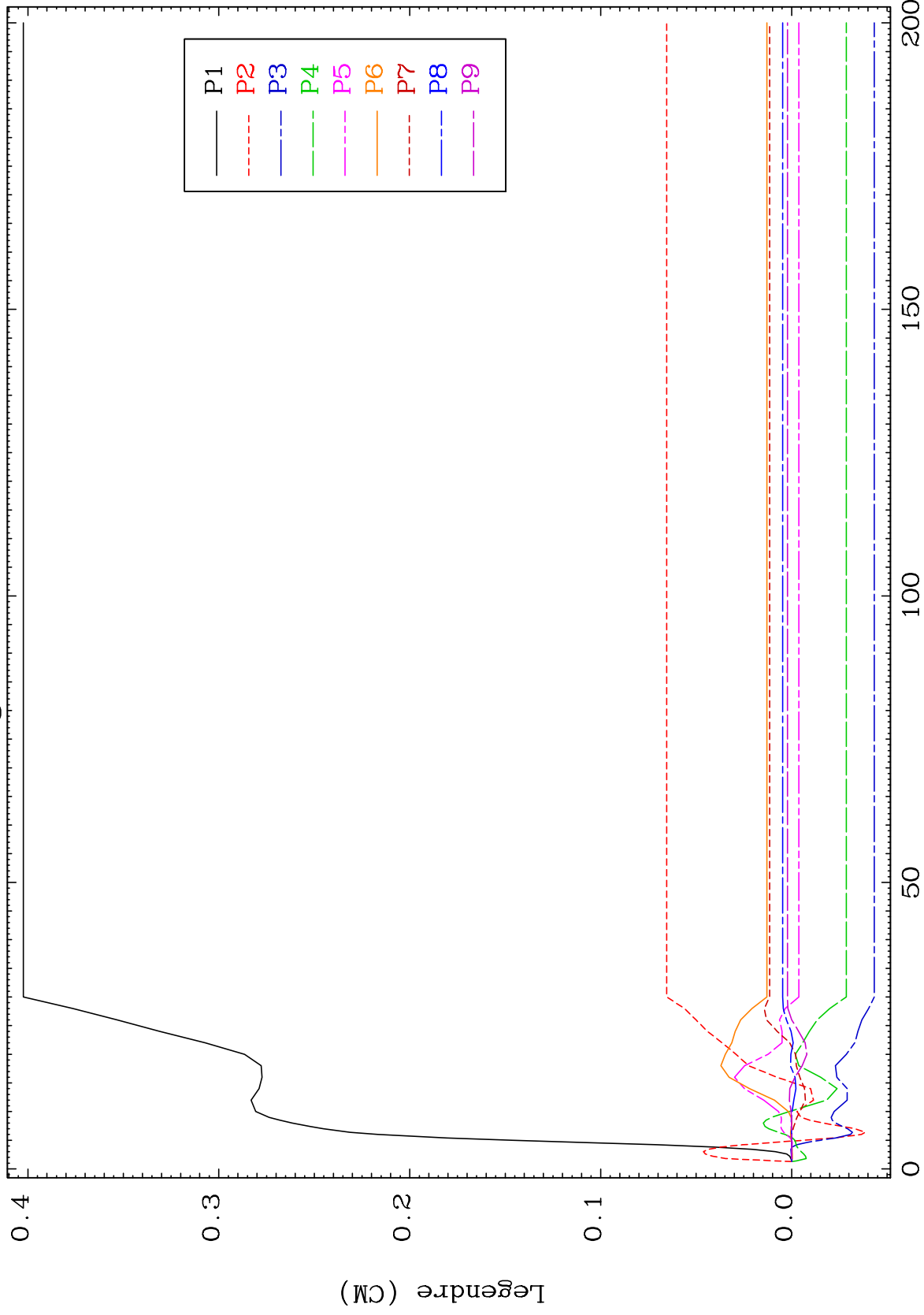
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



93

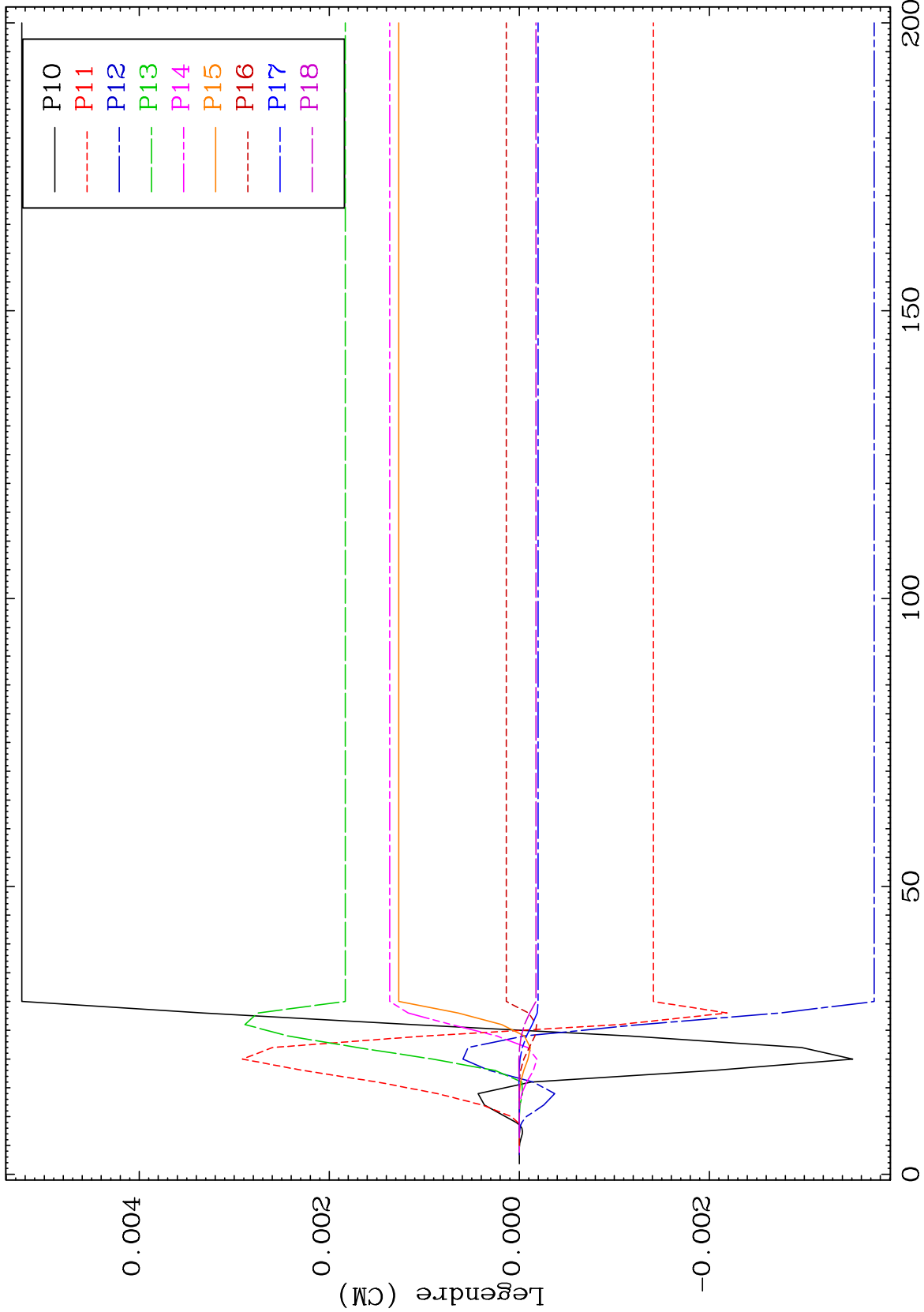
Incident Energy (MeV)

39-Y -99

MAT 3955

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

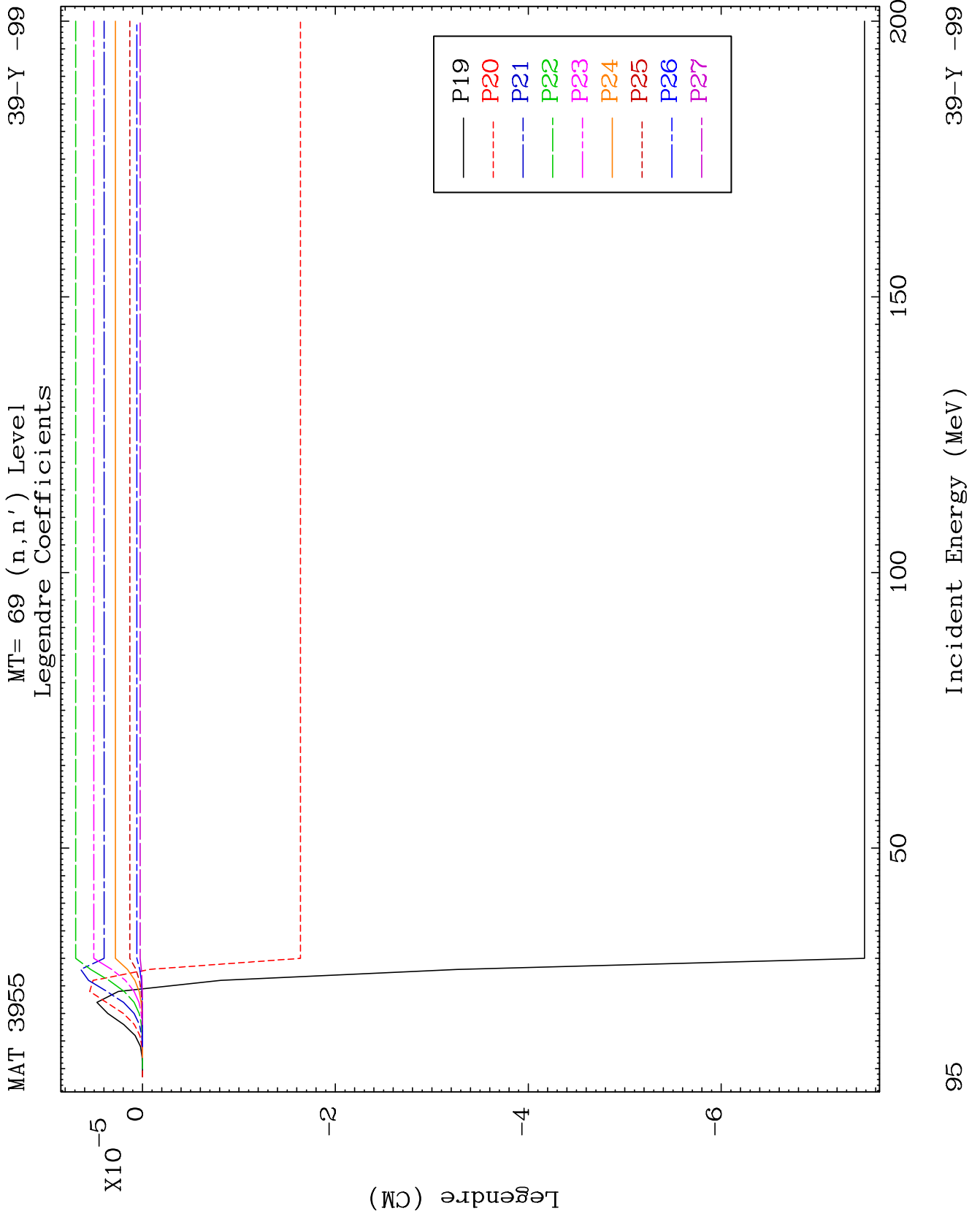
39-Y -99



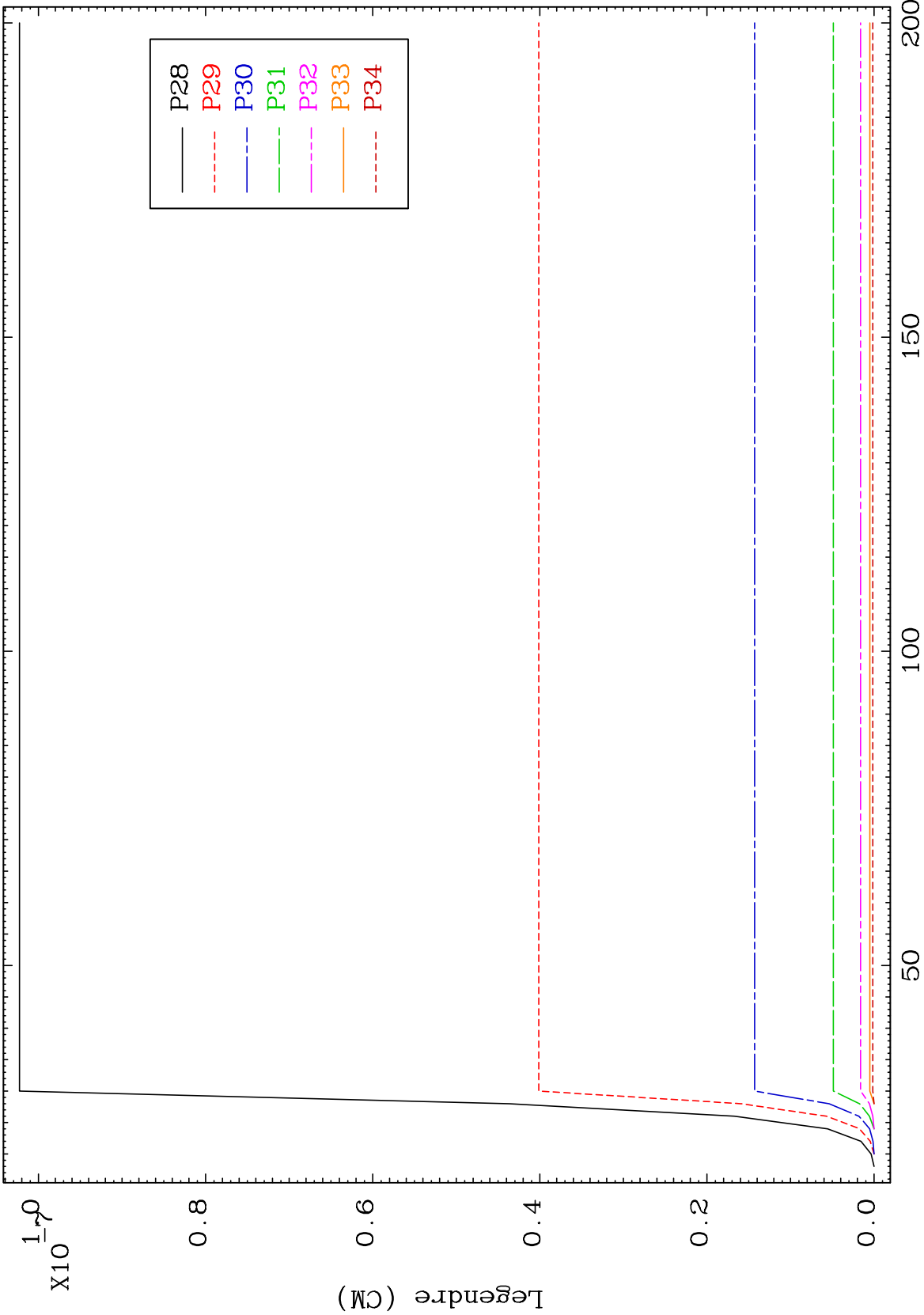
94

Incident Energy (MeV)

39-Y -99



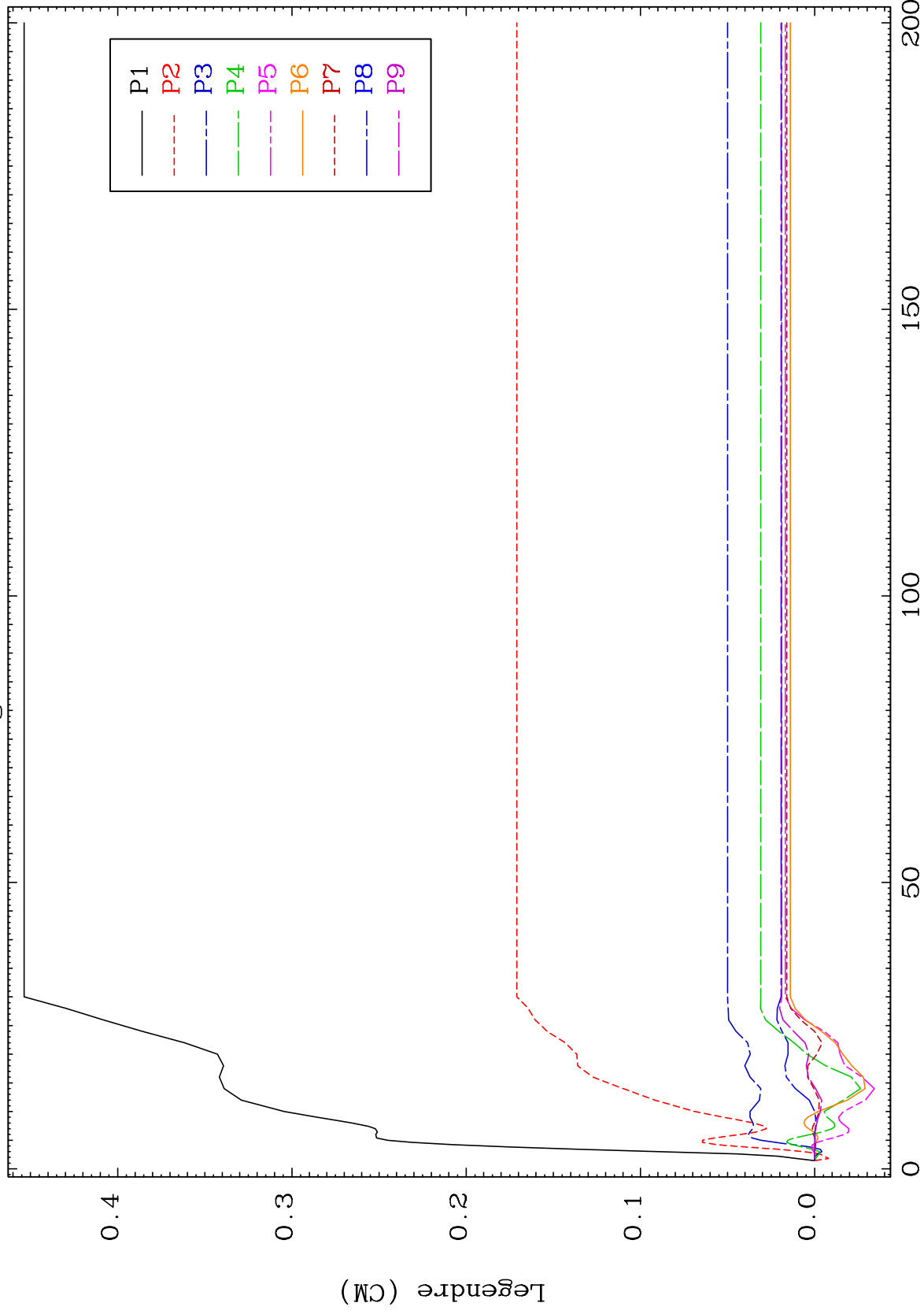




MAT 3955

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

39-Y -99



97

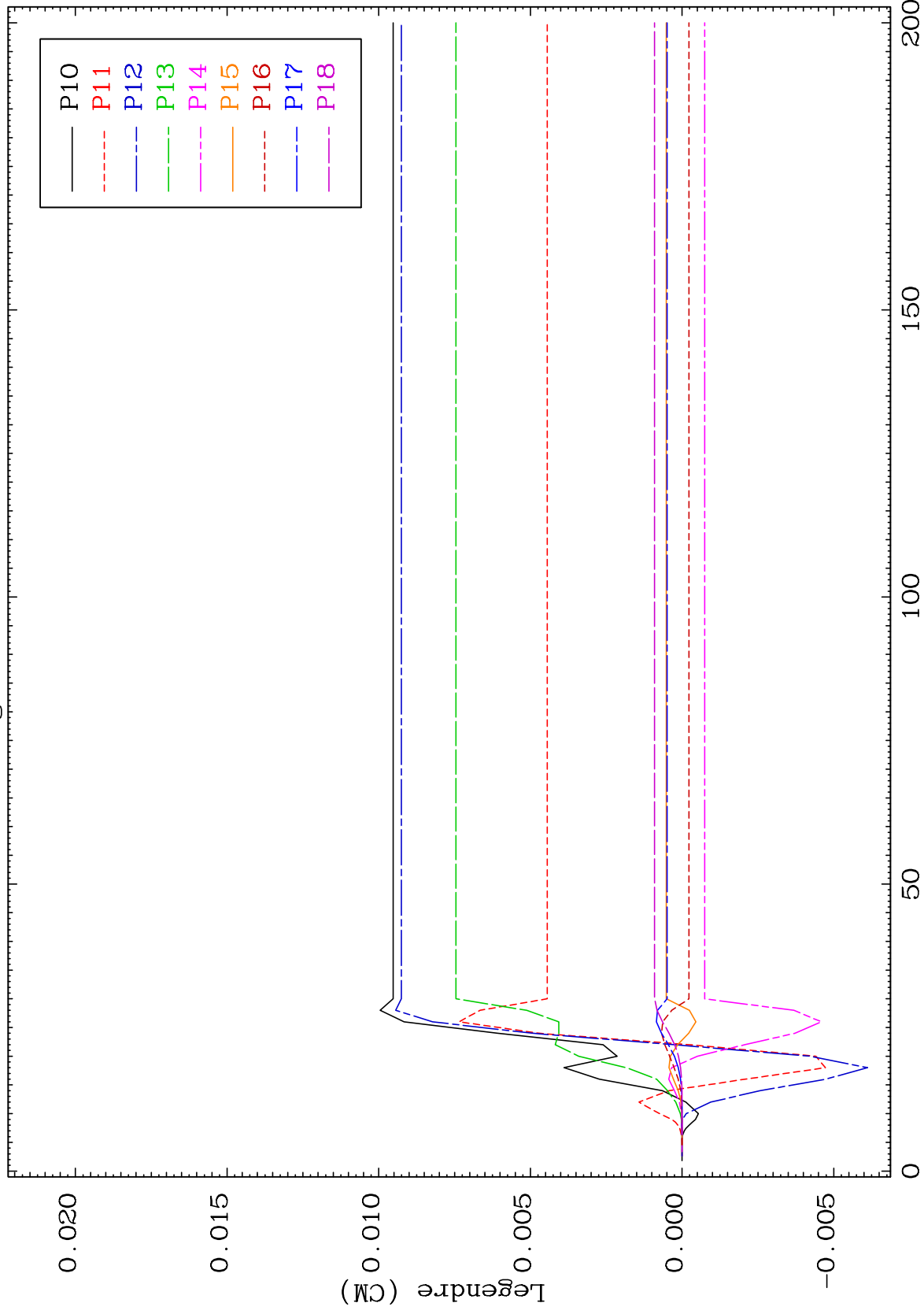
Incident Energy (MeV)

39-Y -99

MAT 3955

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

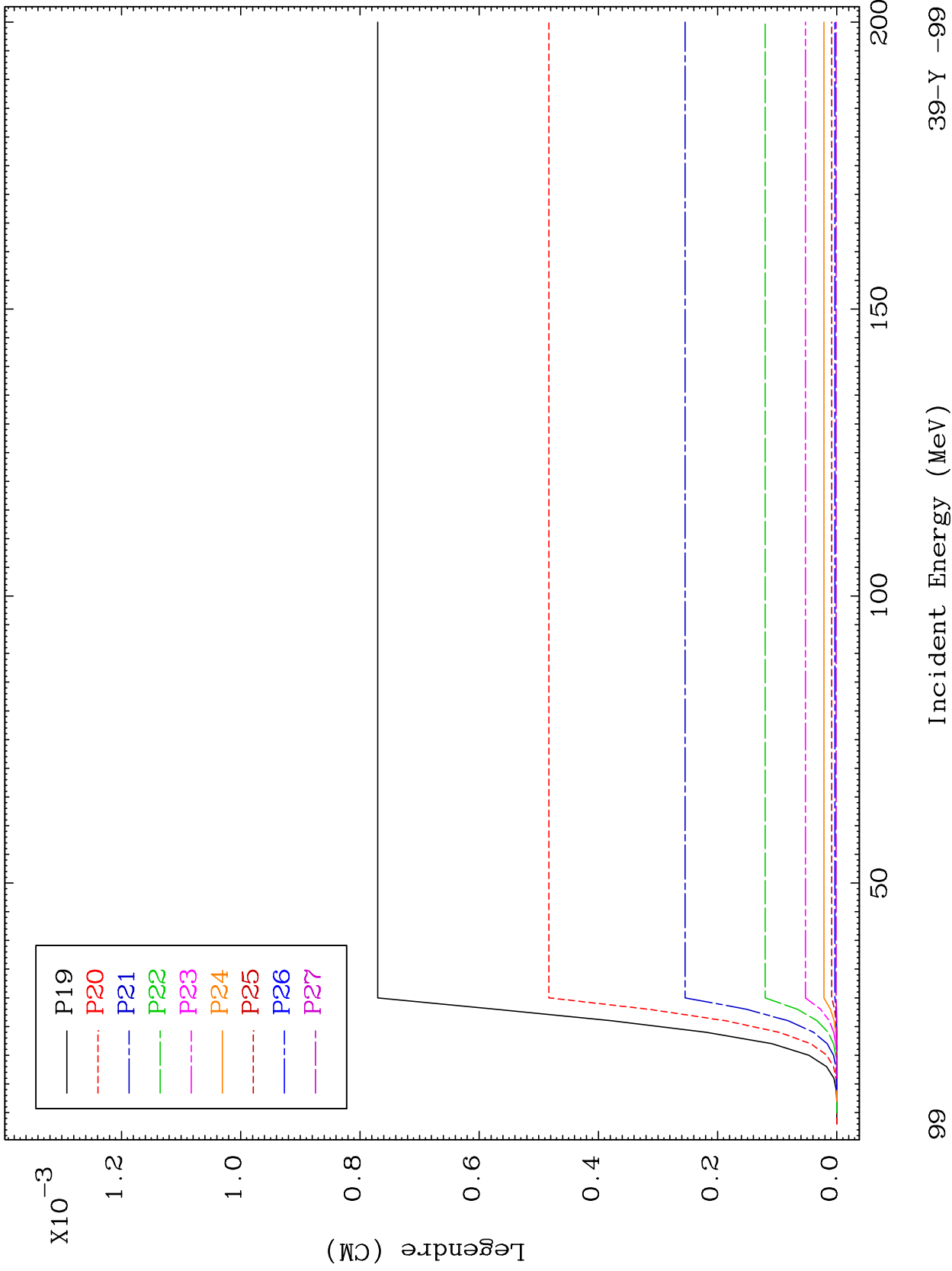
39-Y -99



98

Incident Energy (MeV)

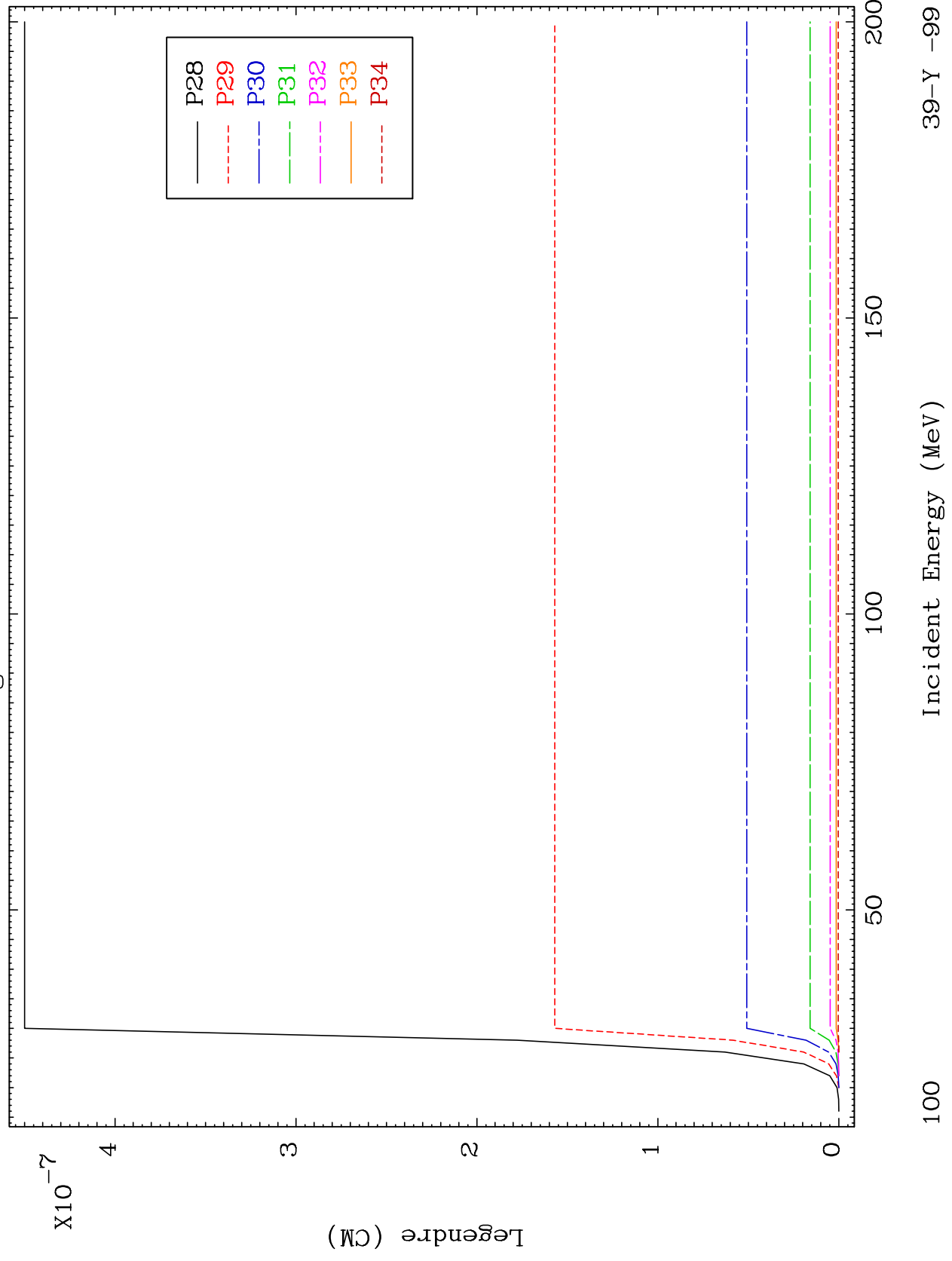
39-Y -99



MAT 3955

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

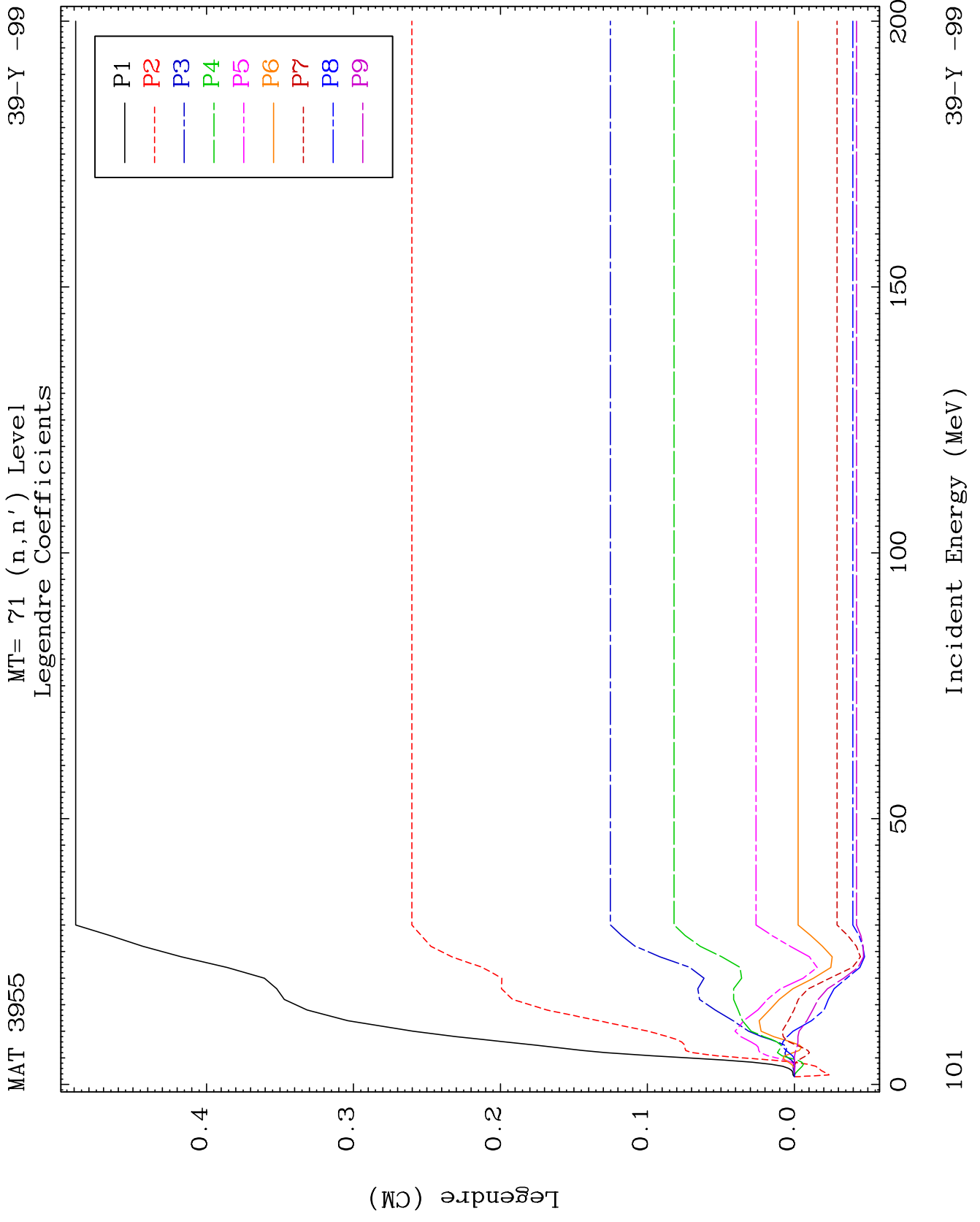
39-Y -99



100

Incident Energy (MeV)

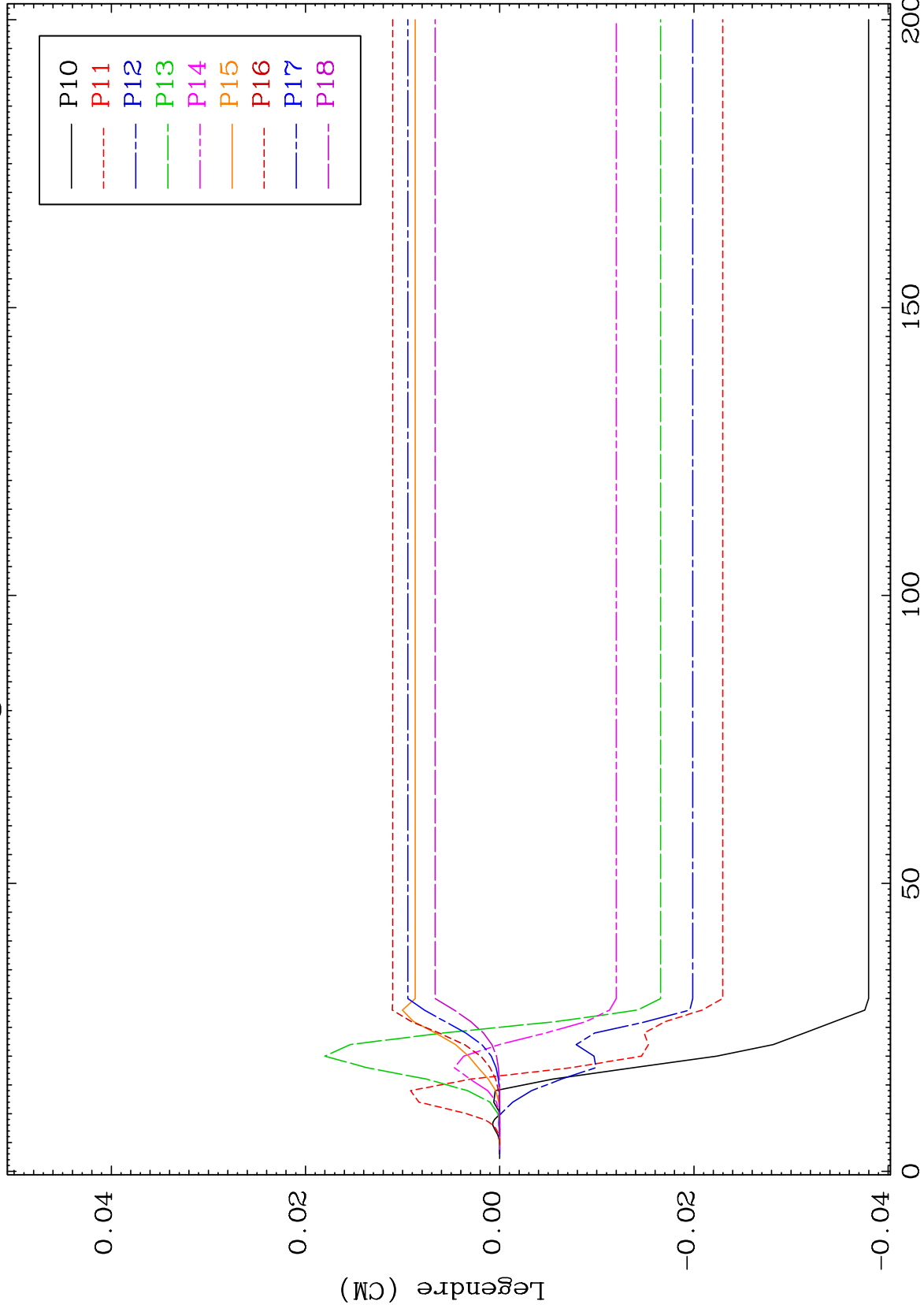
39-Y -99



MAT 3955

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

39-Y -99



102

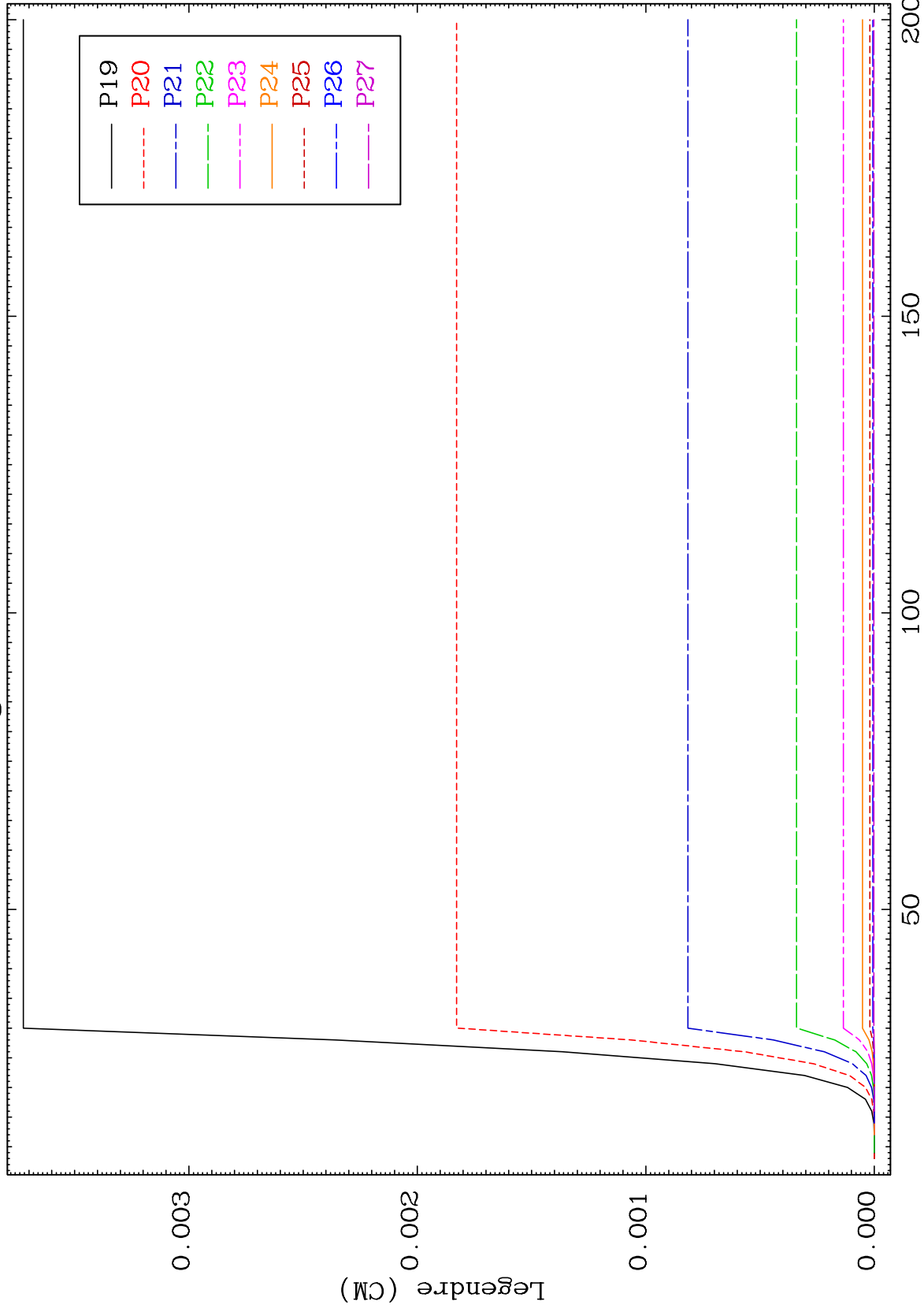
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



103

Incident Energy (MeV)

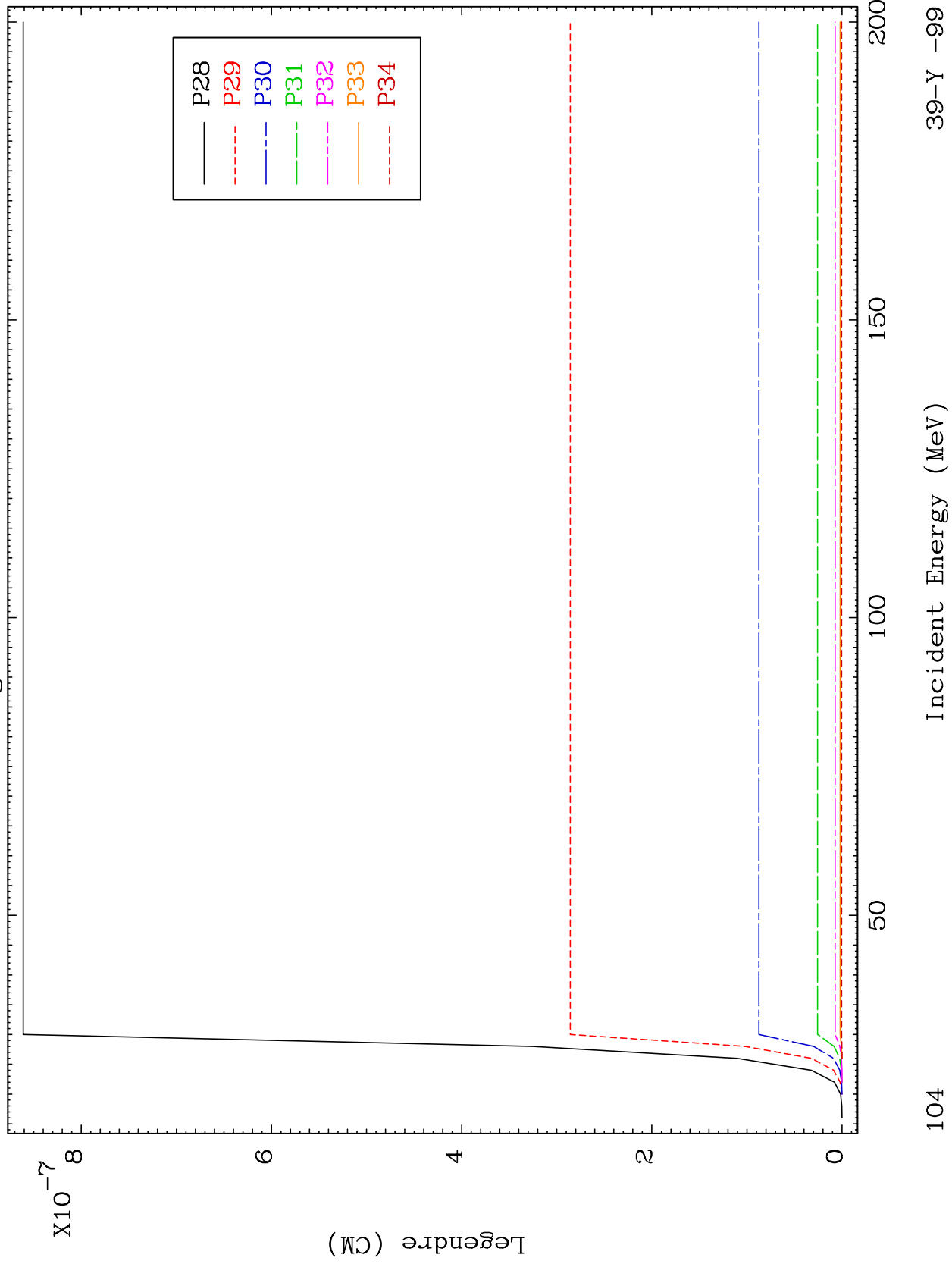
39-Y -99



MAT 3955

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

39-Y -99



104

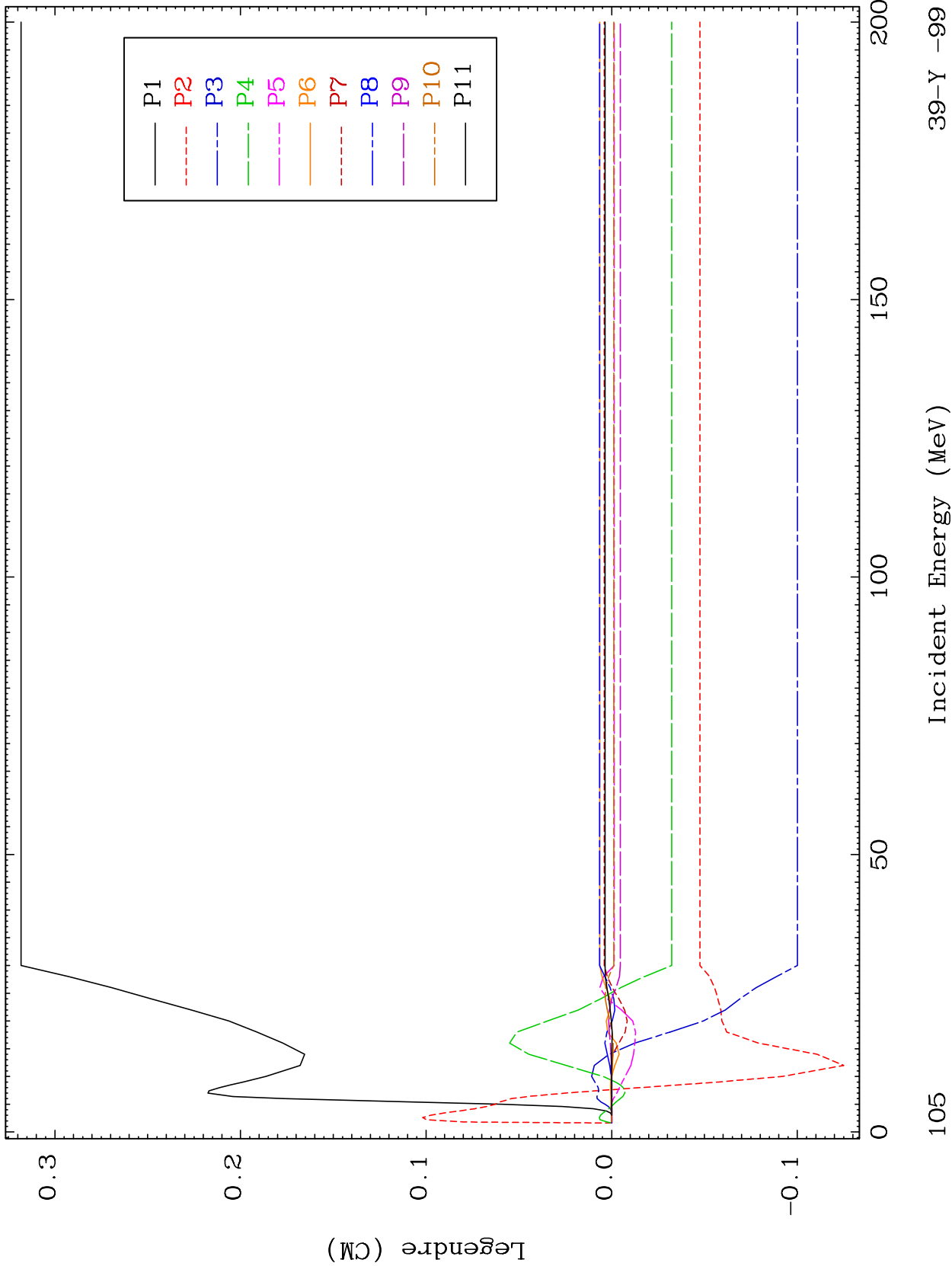
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99

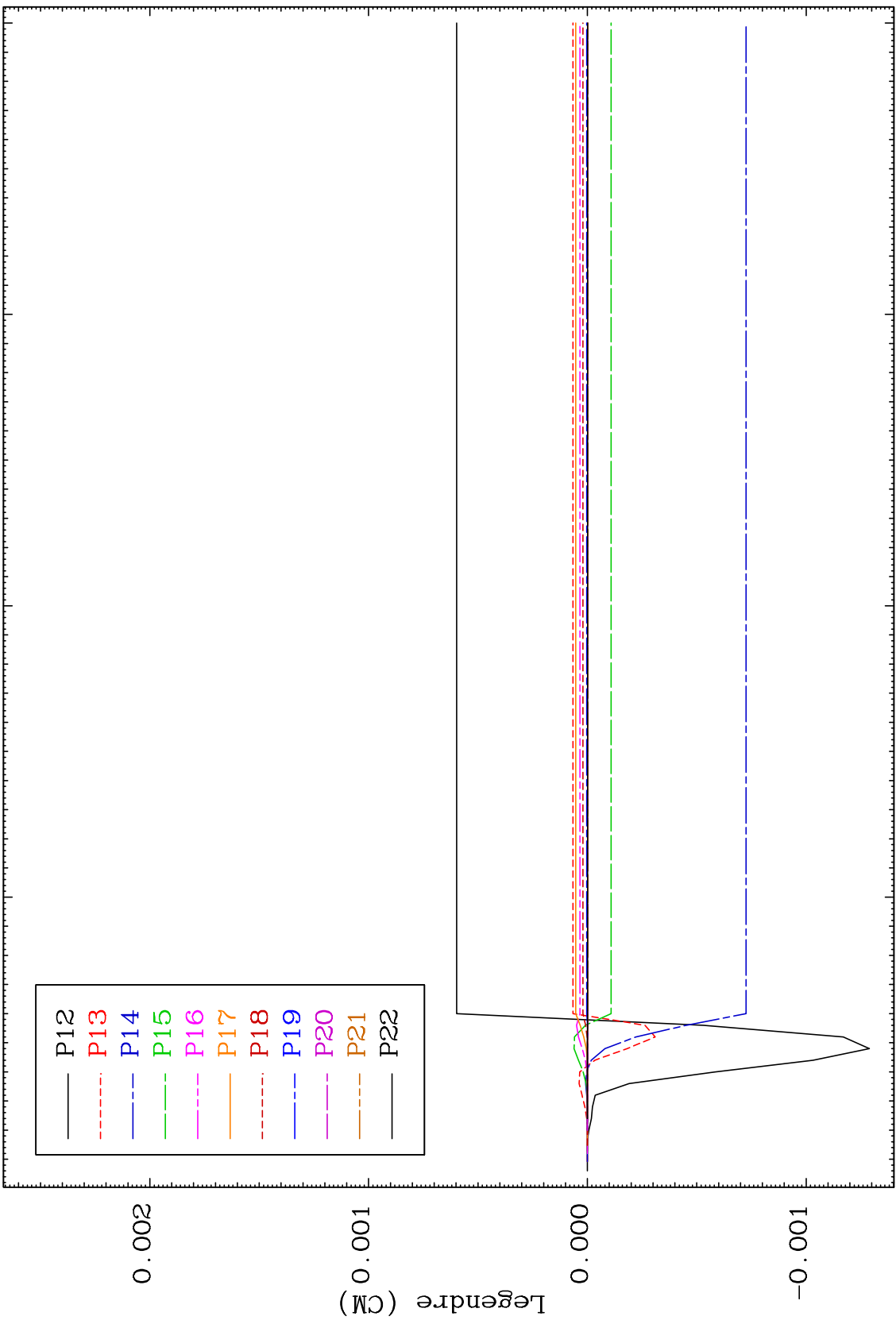


39-Y -99

MAT 3955

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

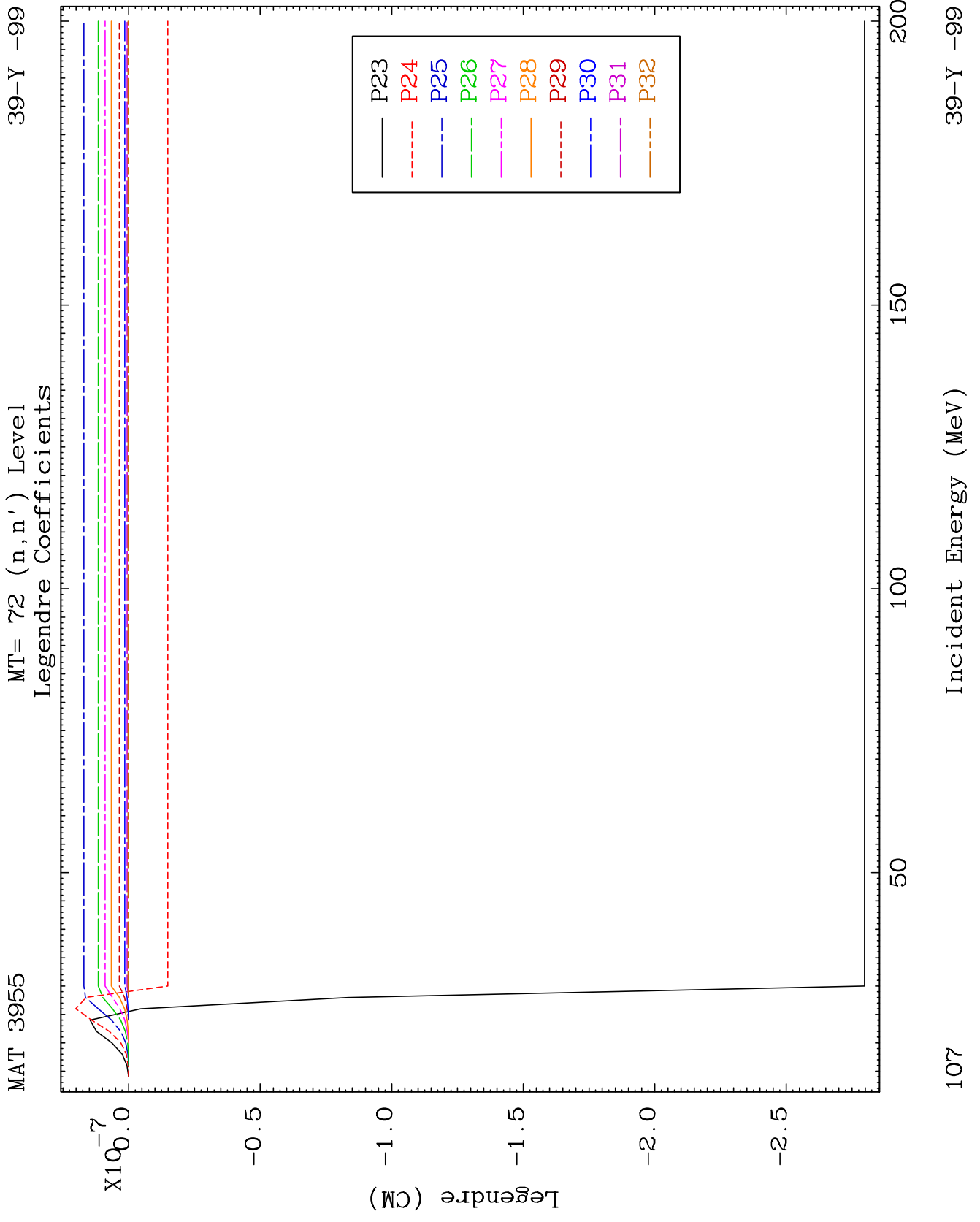
39-Y -99



106

Incident Energy (MeV)

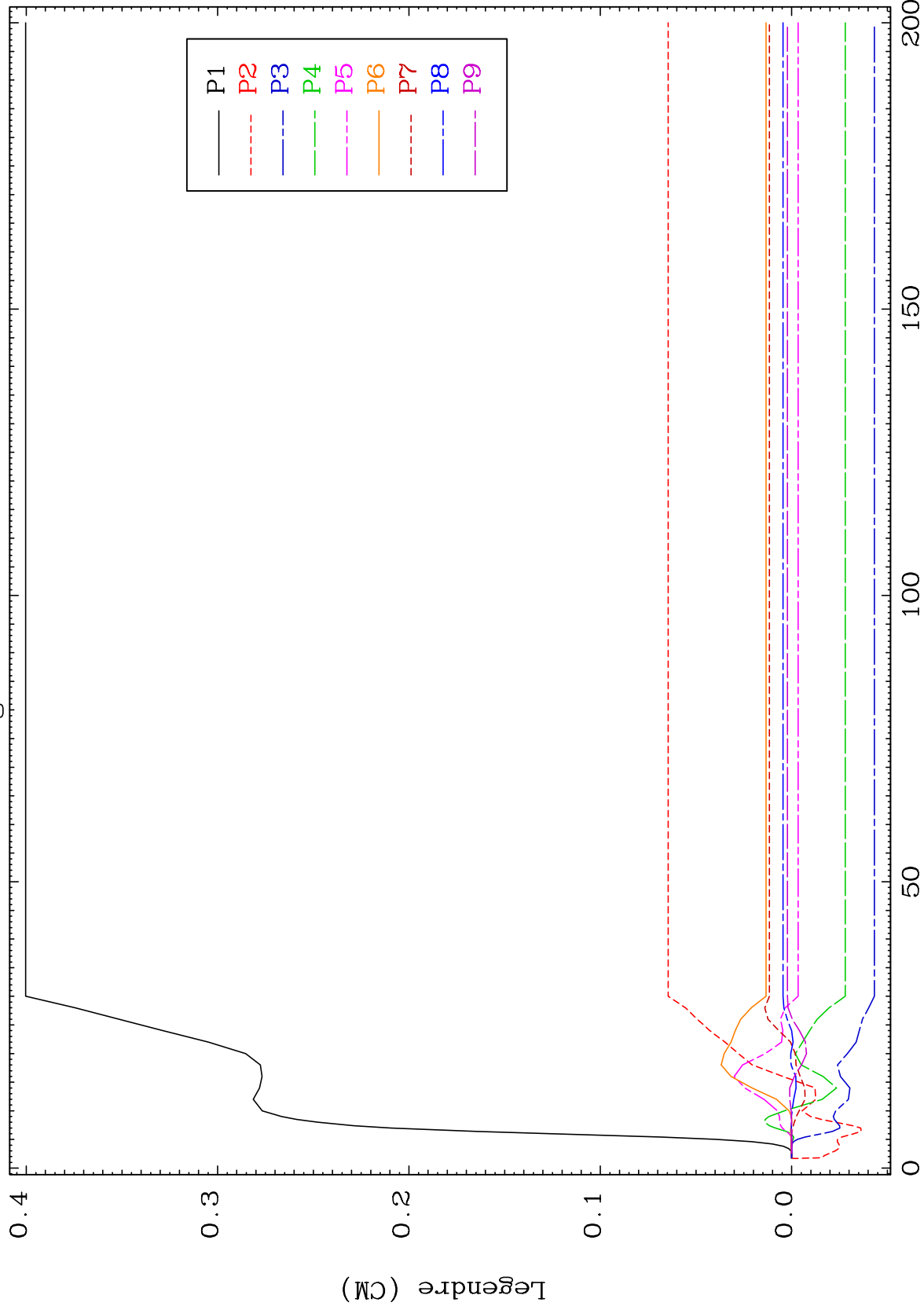
39-Y -99



MAT 3955

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

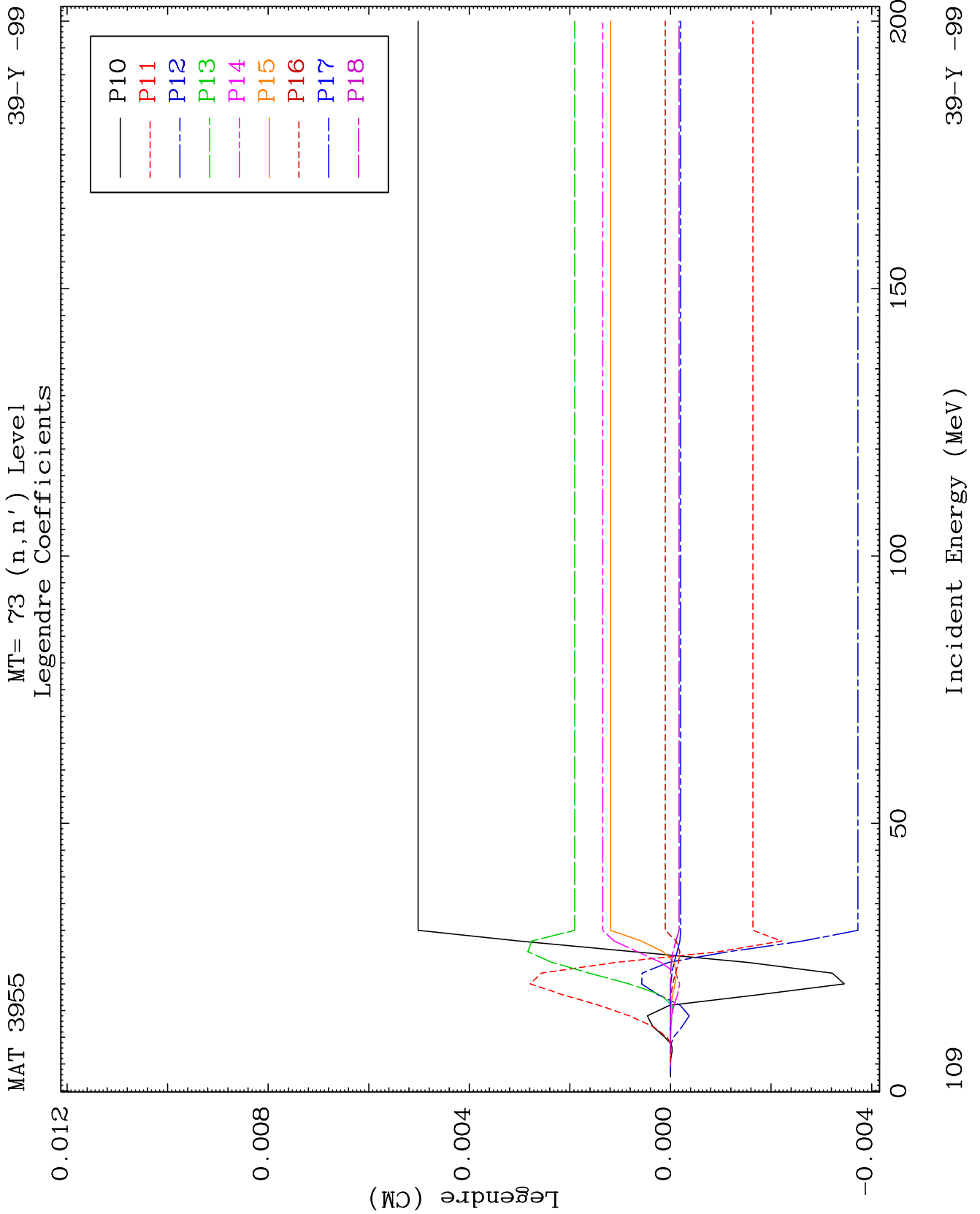
39-Y -99

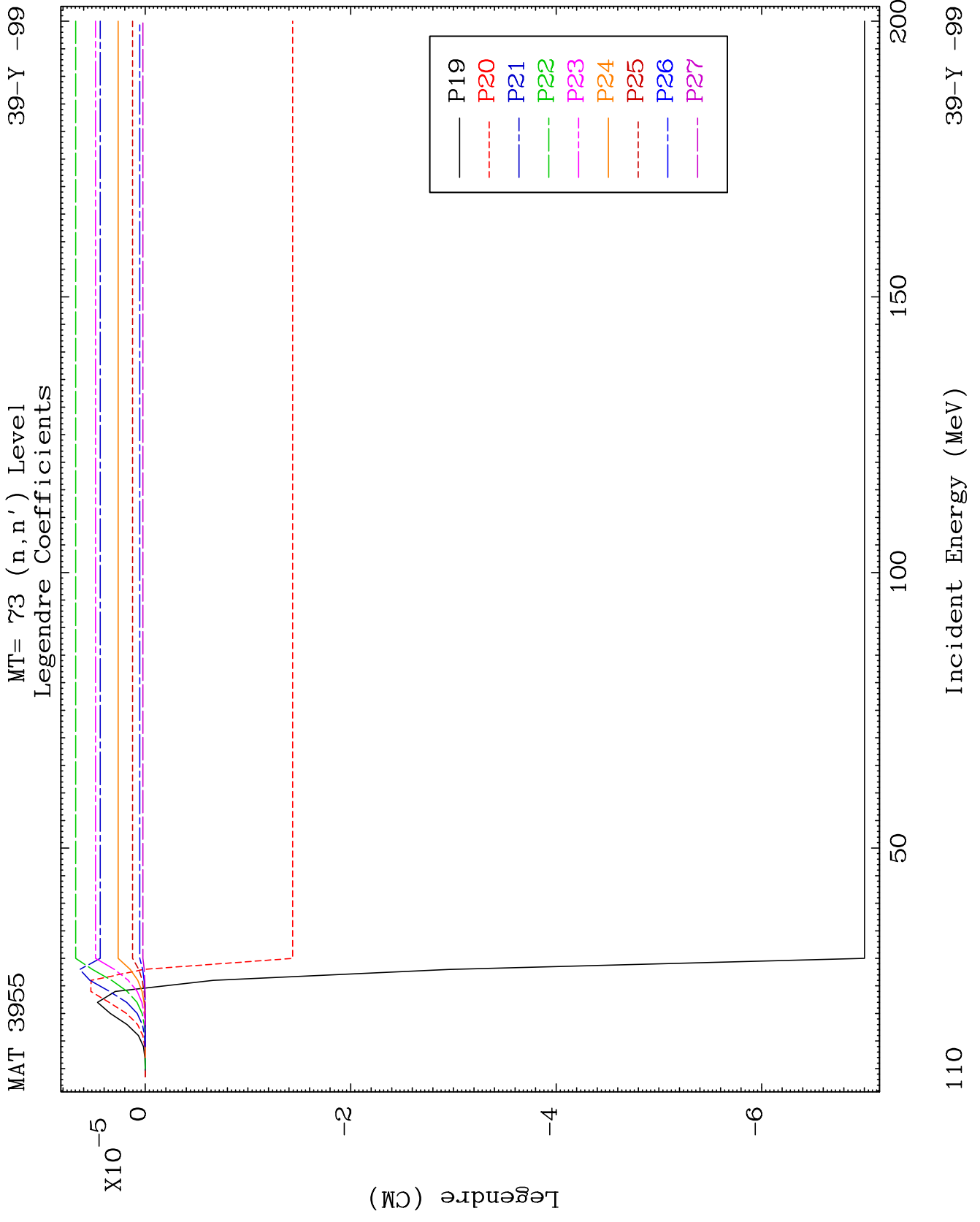


108

Incident Energy (MeV)

39-Y -99

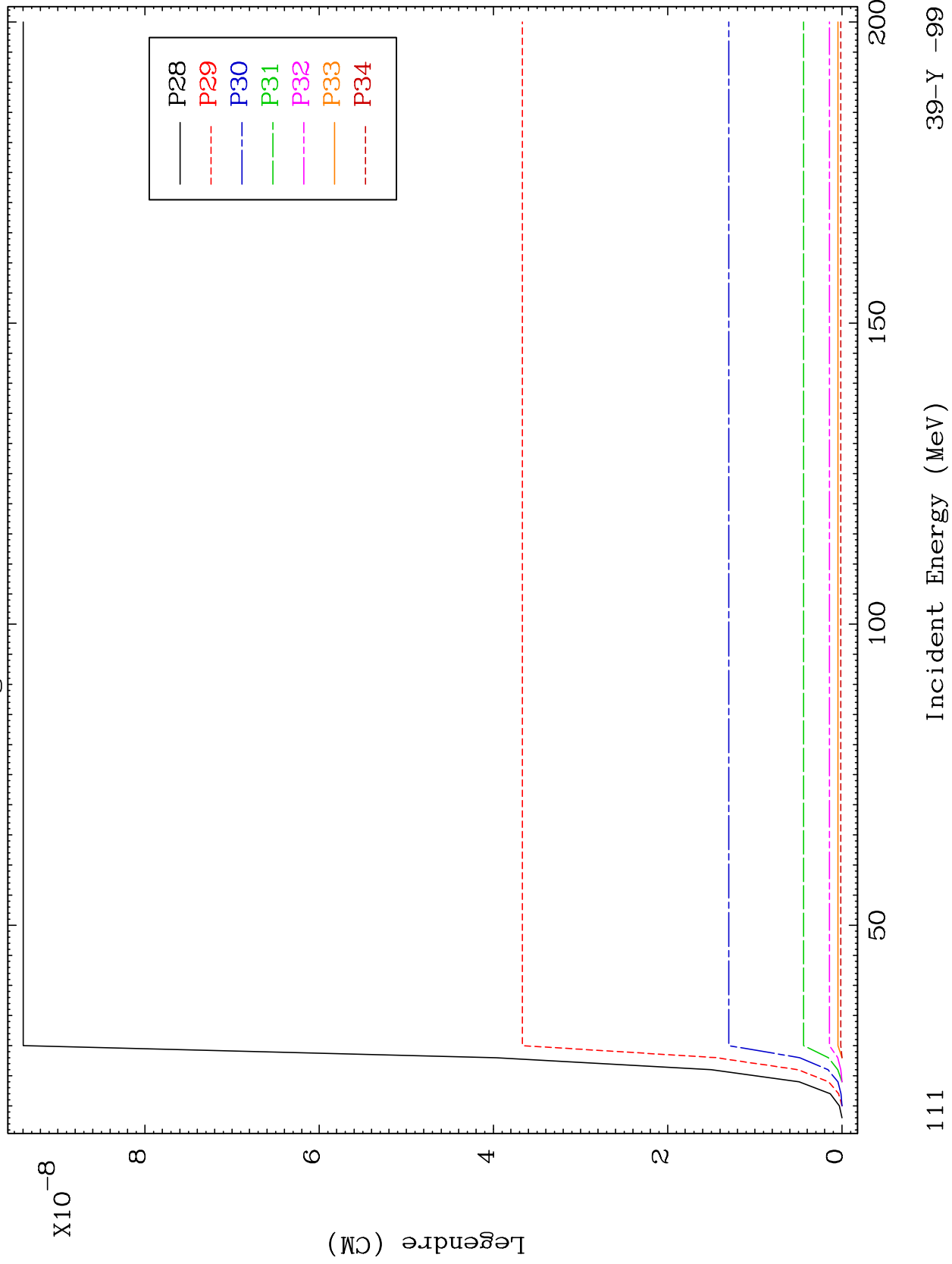




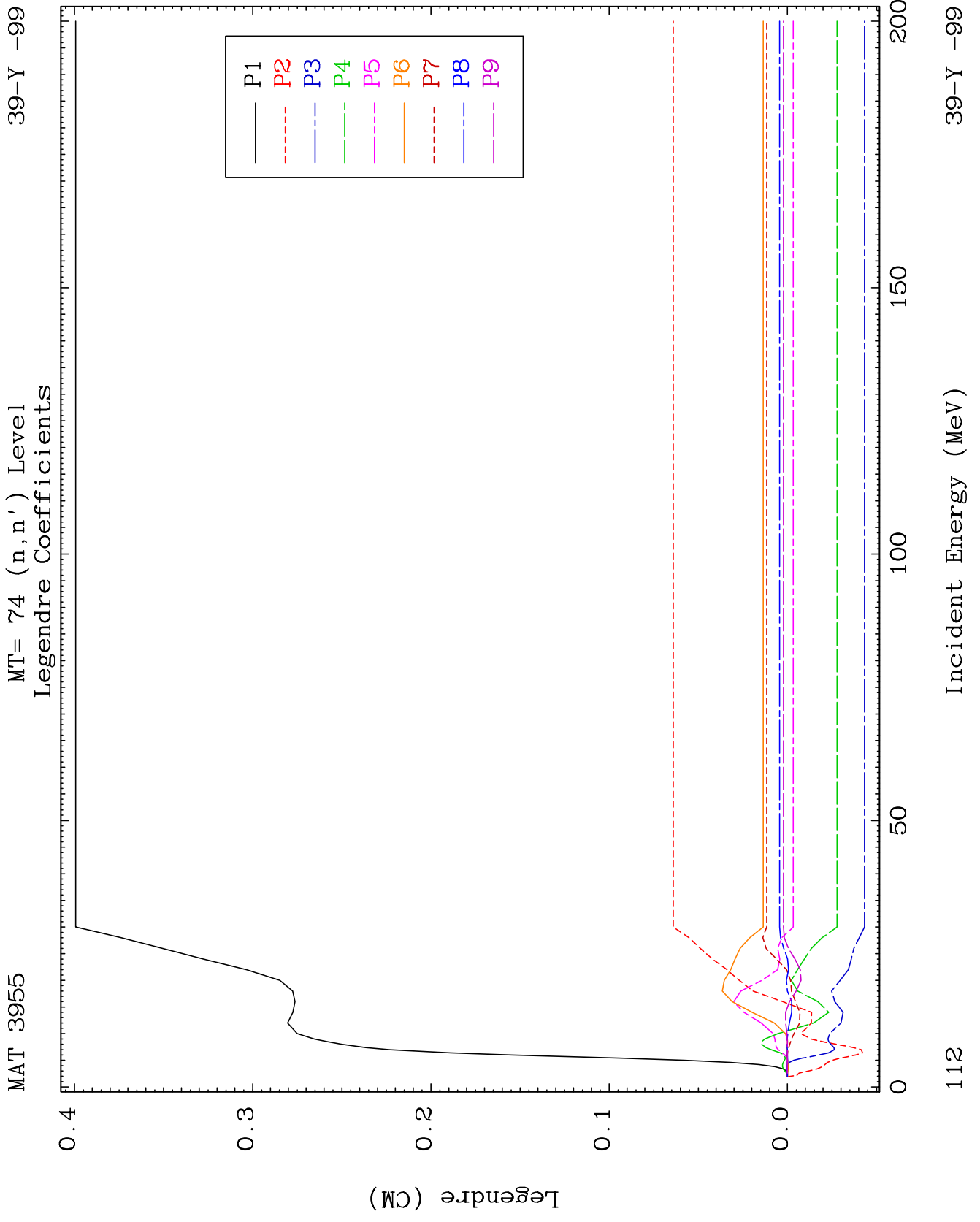
MAT 3955

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

39-Y -99



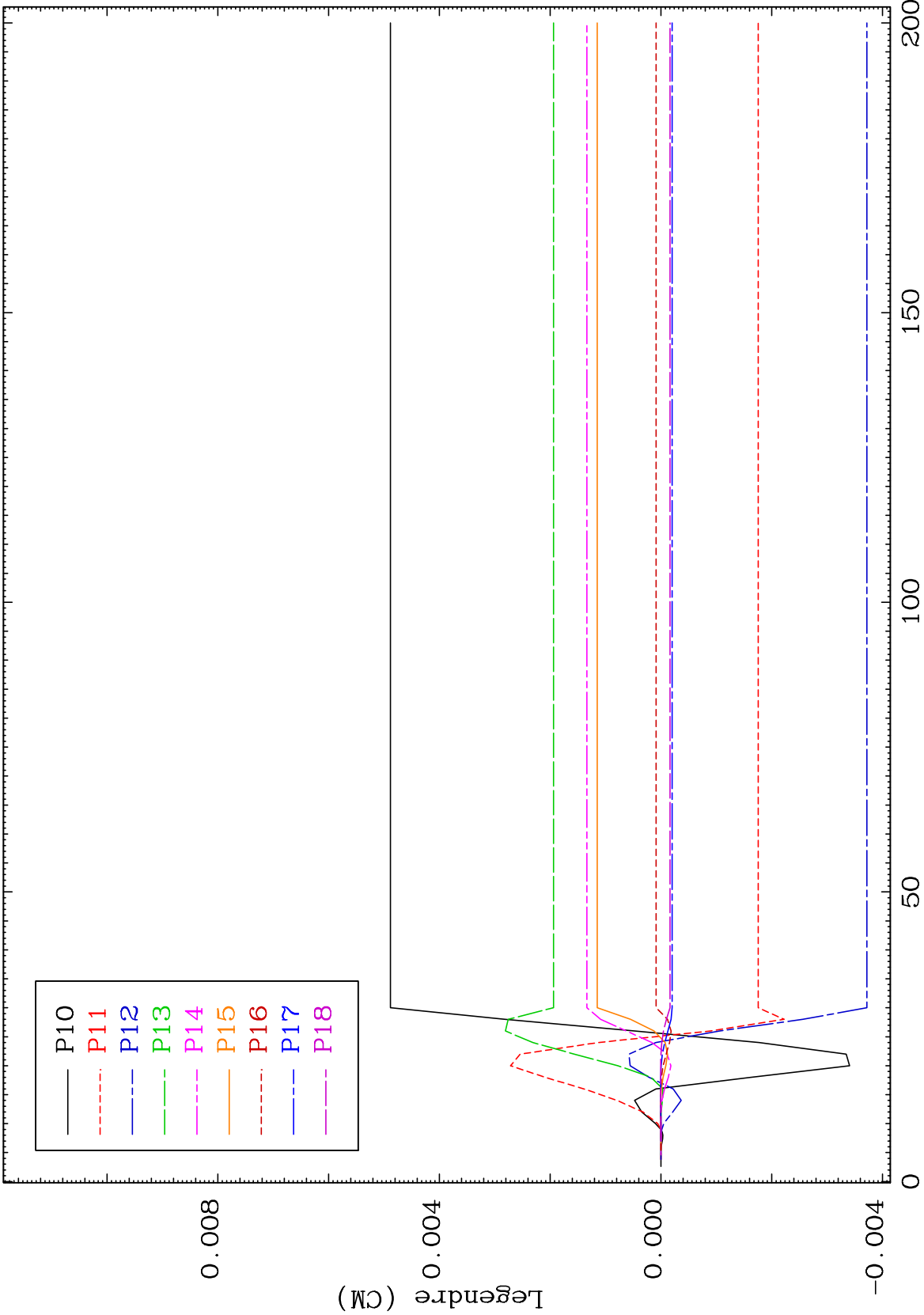




MAT 3955

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

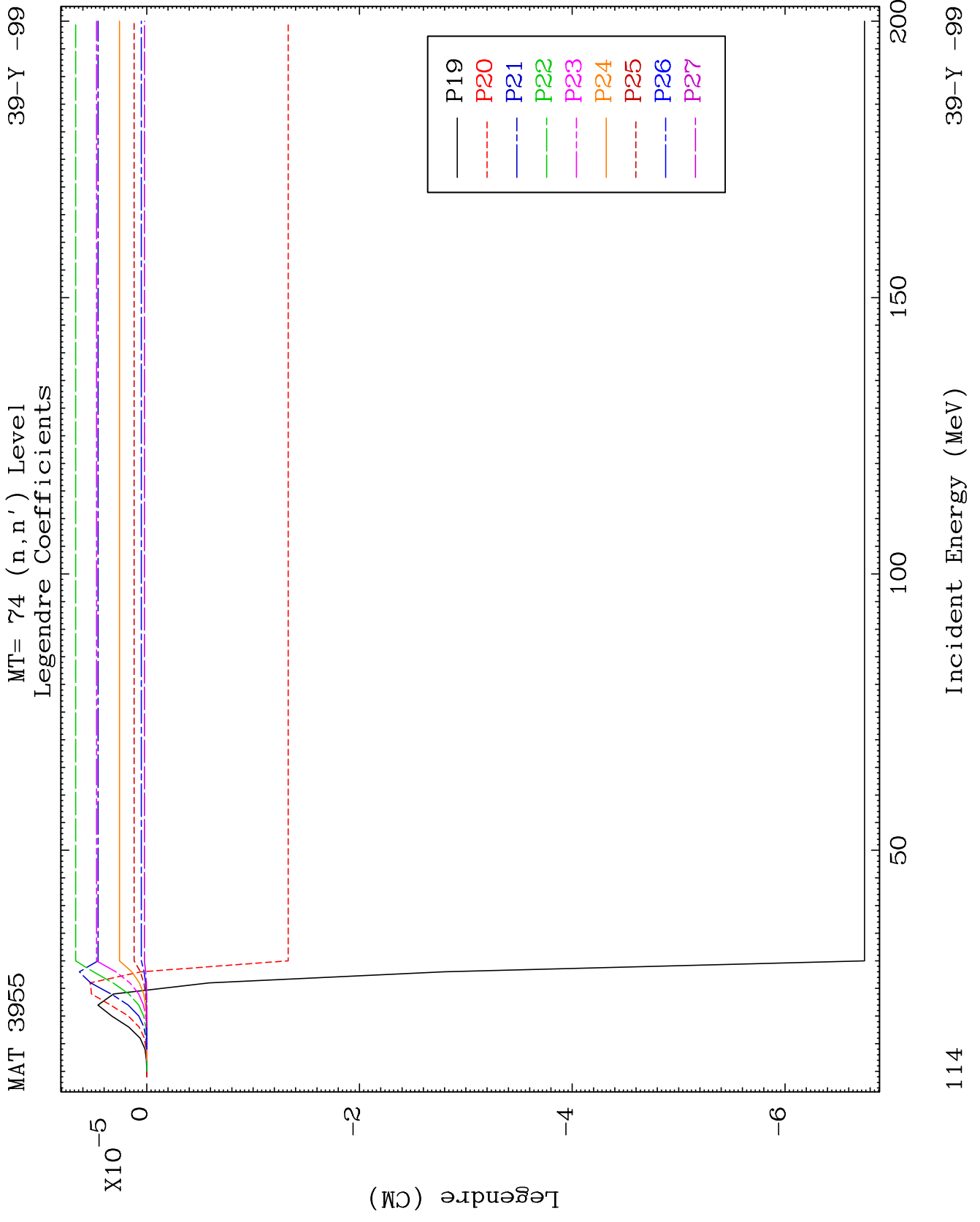
39-Y -99



113

Incident Energy (MeV)

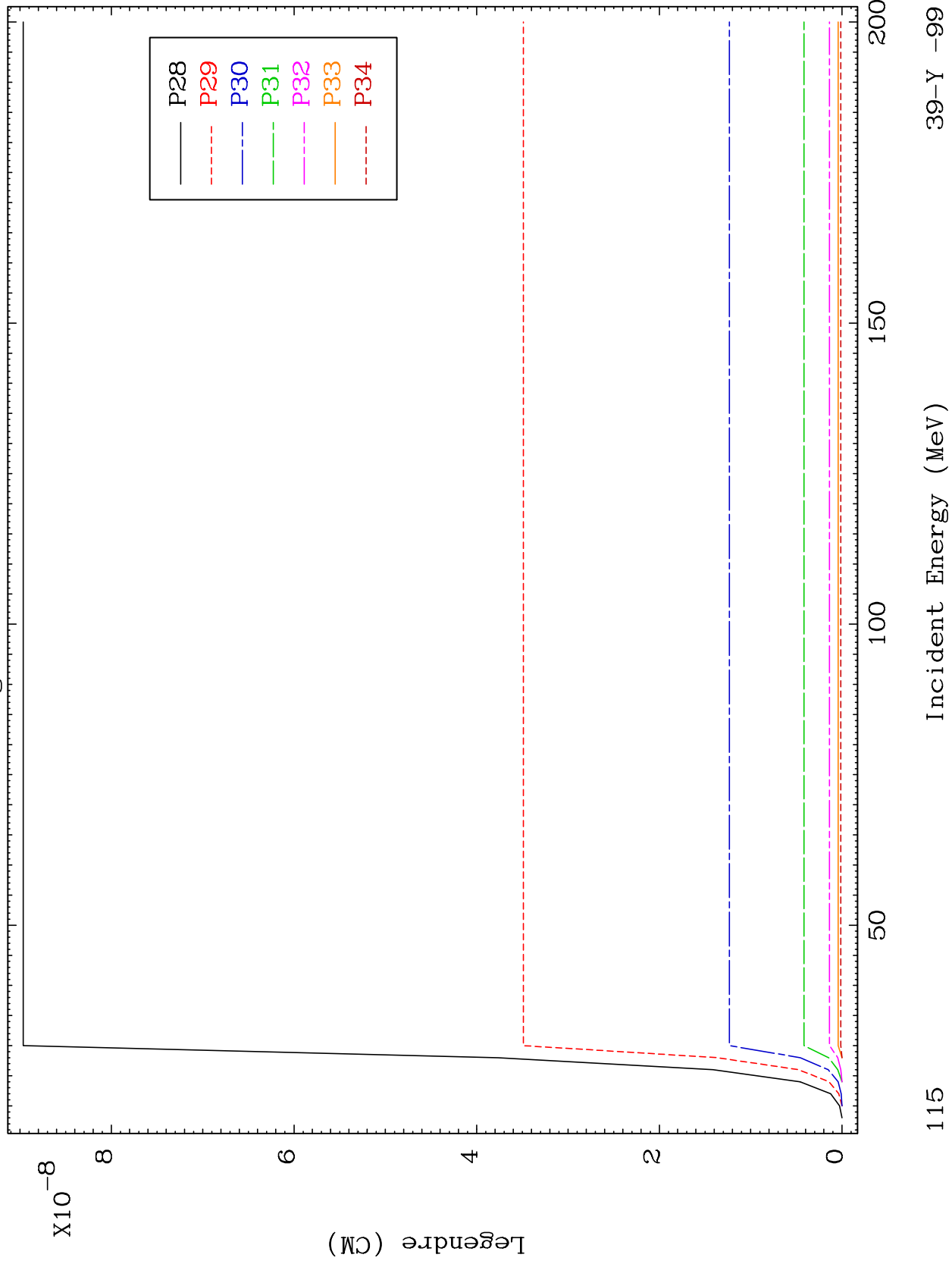
39-Y -99



MAT 3955

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

39-Y -99



115

Incident Energy (MeV)

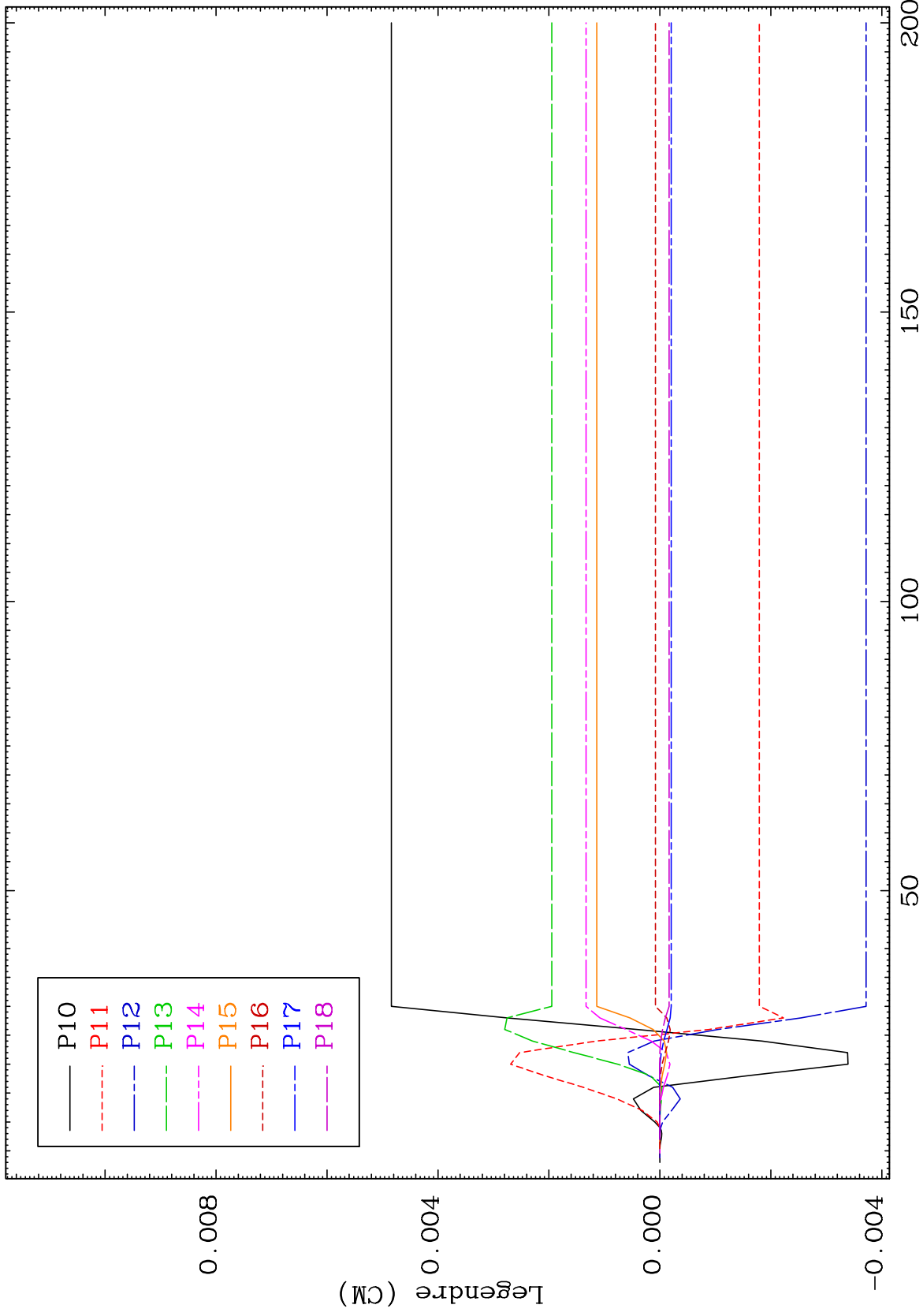
39-Y -99



MAT 3955

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

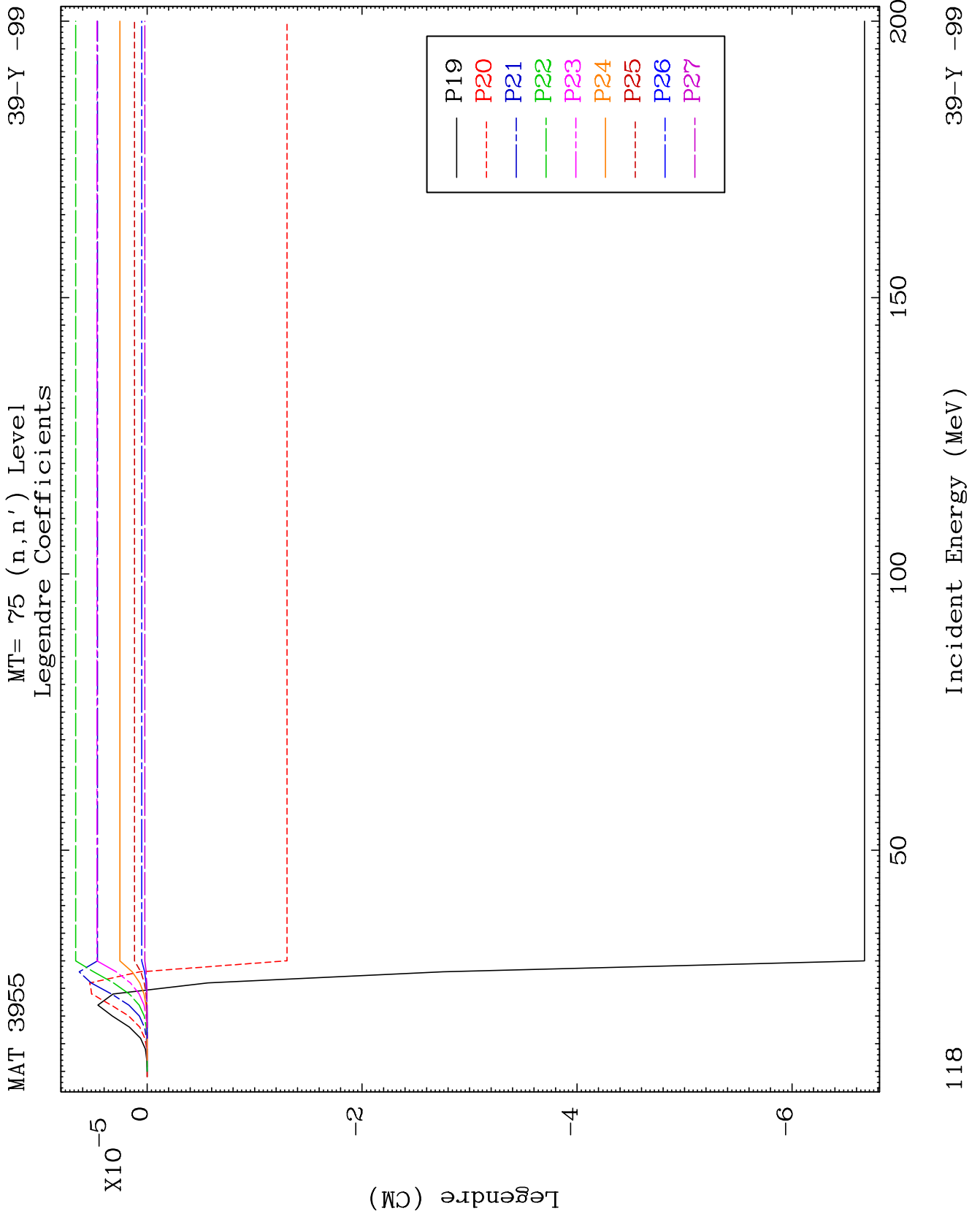
39-Y -99



117

Incident Energy (MeV)

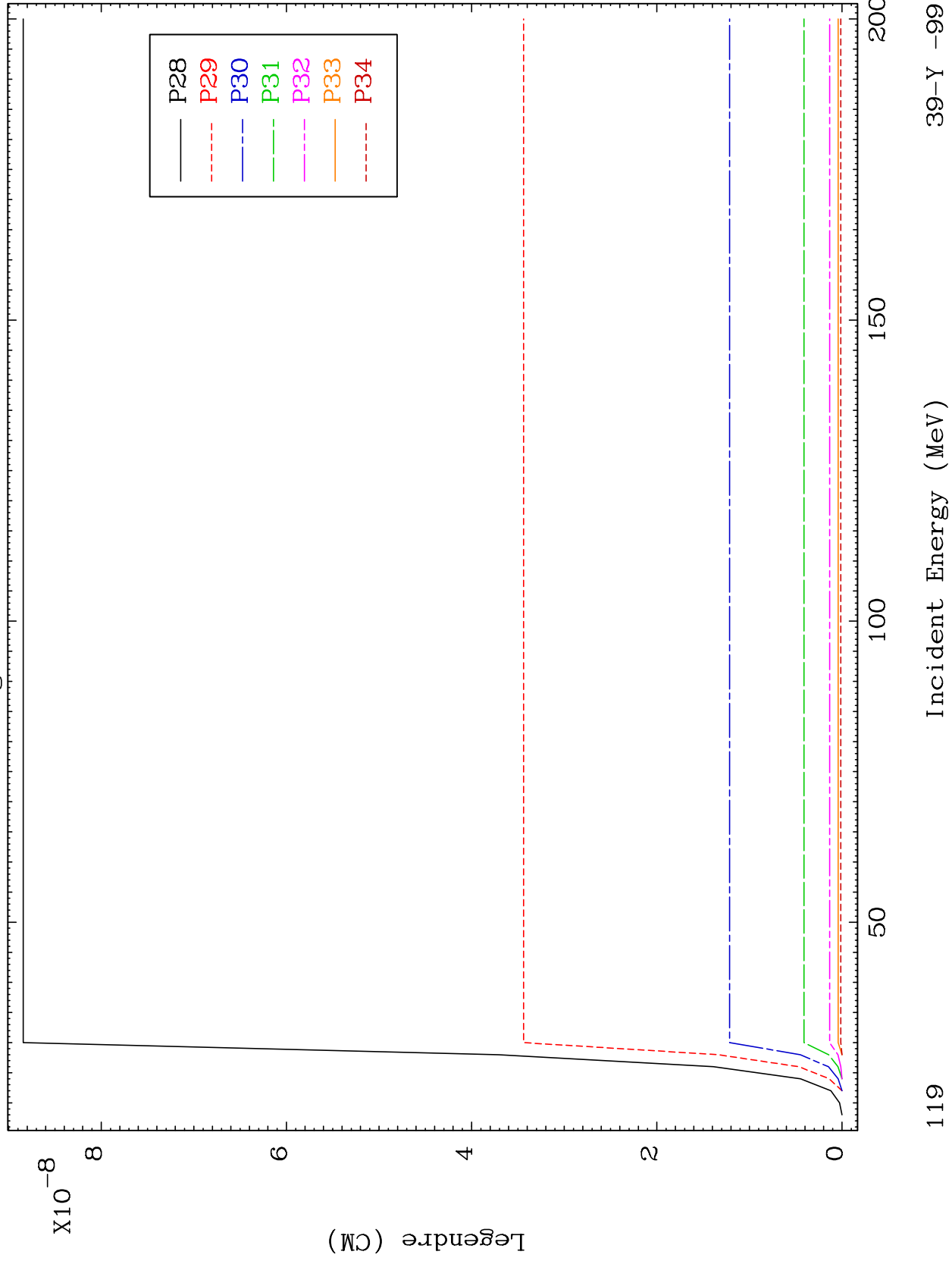
39-Y -99



MAT 3955

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

39-Y -99

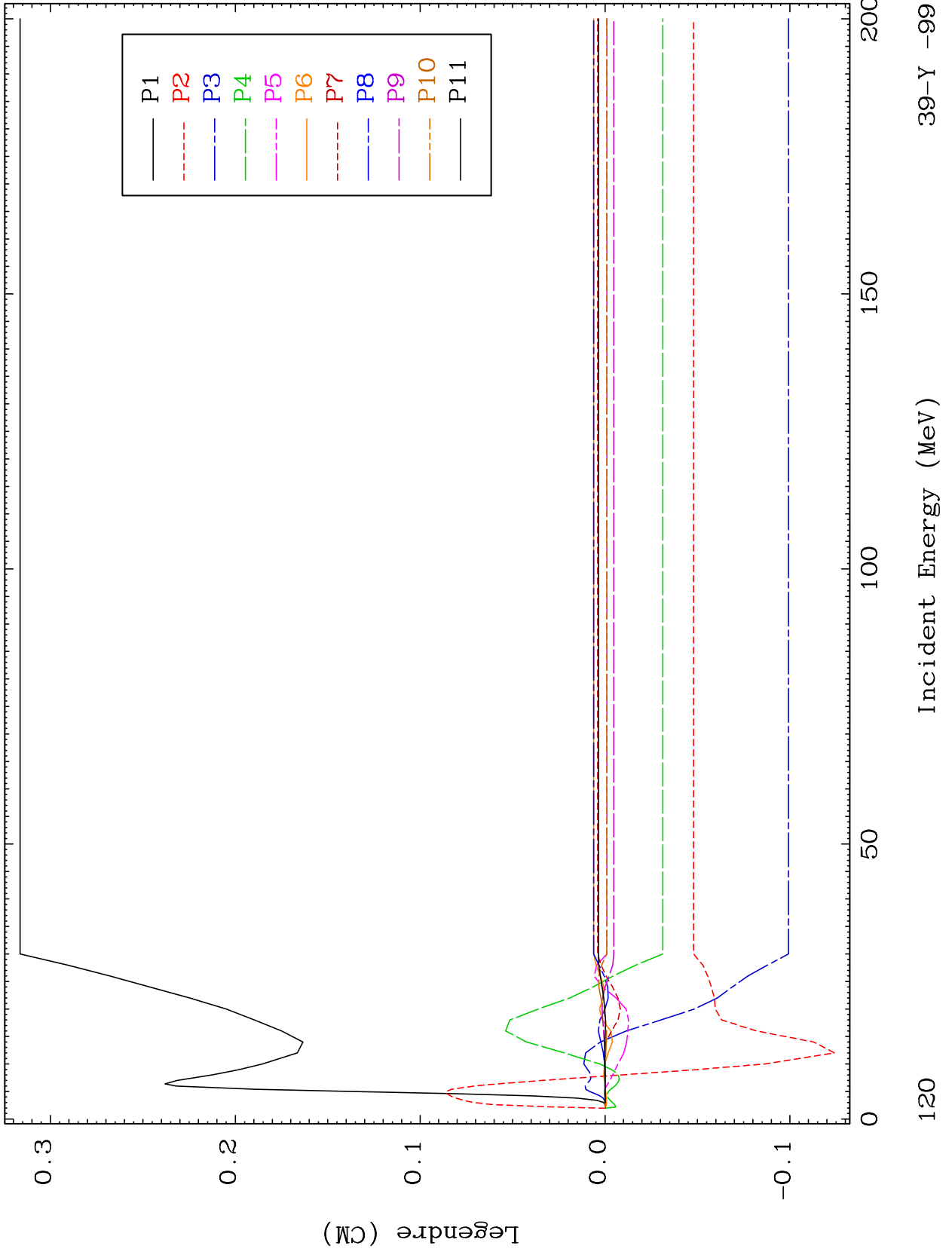




MAT 3955

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

39-Y -99

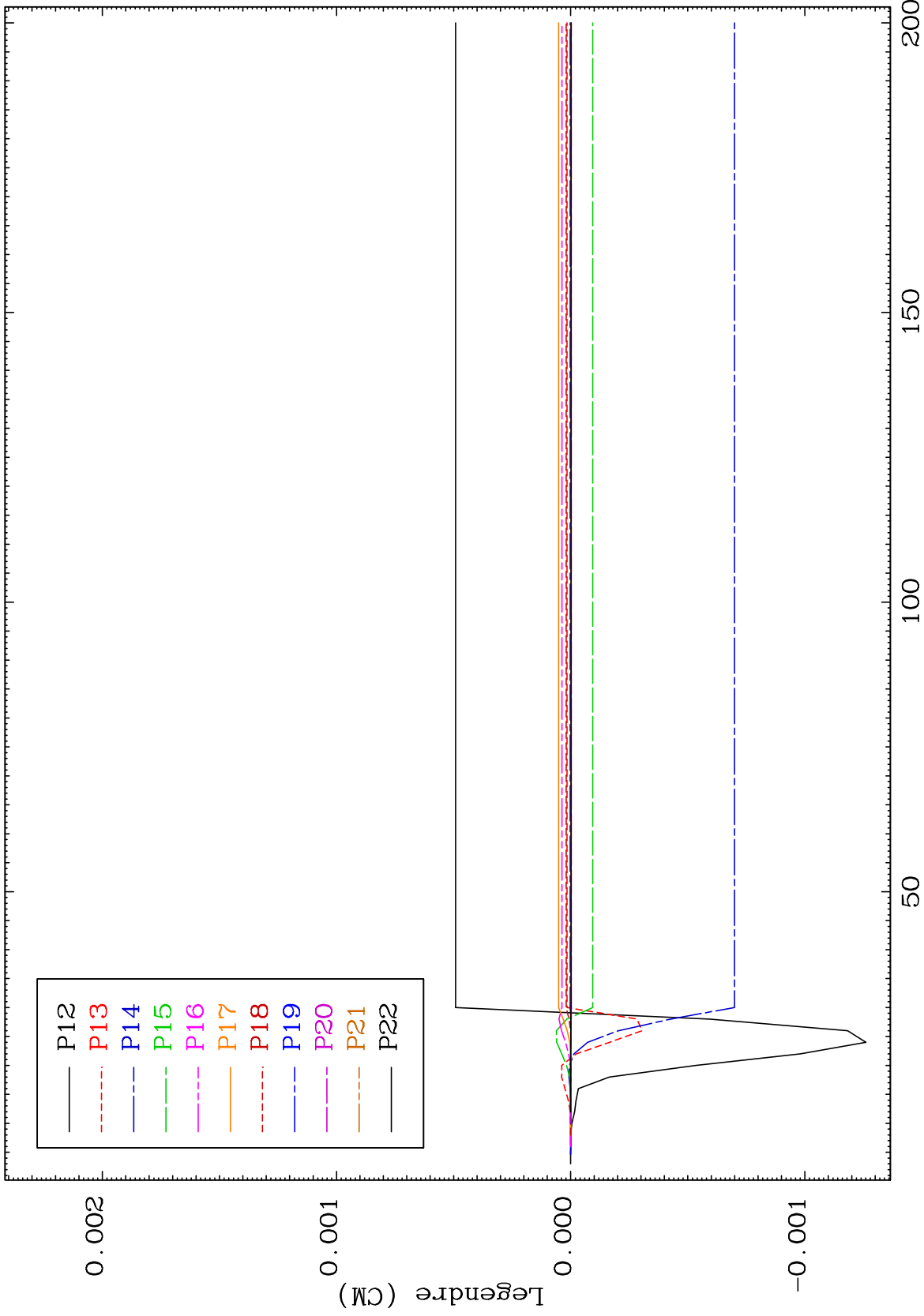


39-Y -99

MAT 3955

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

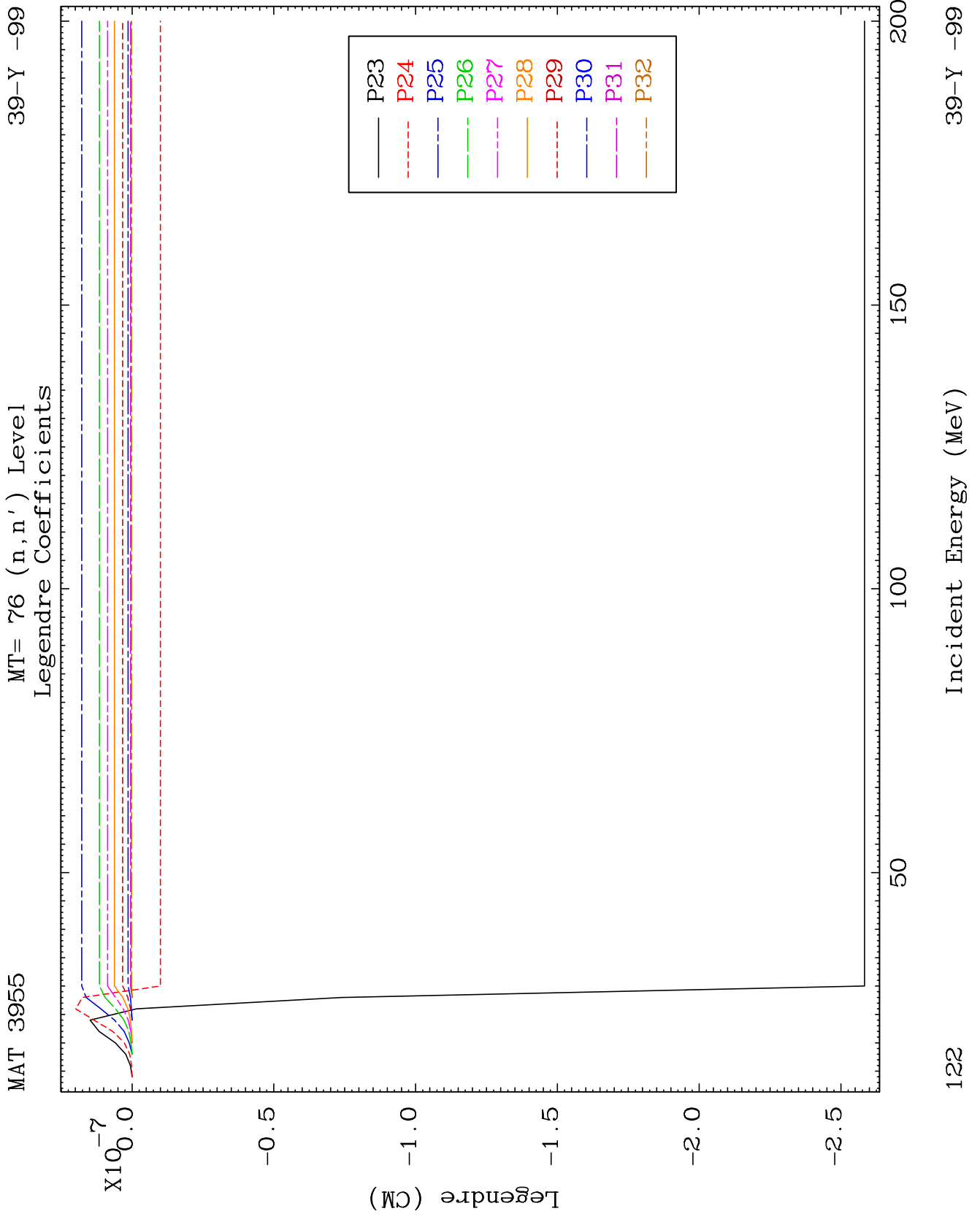
39-Y -99



121

Incident Energy (MeV)

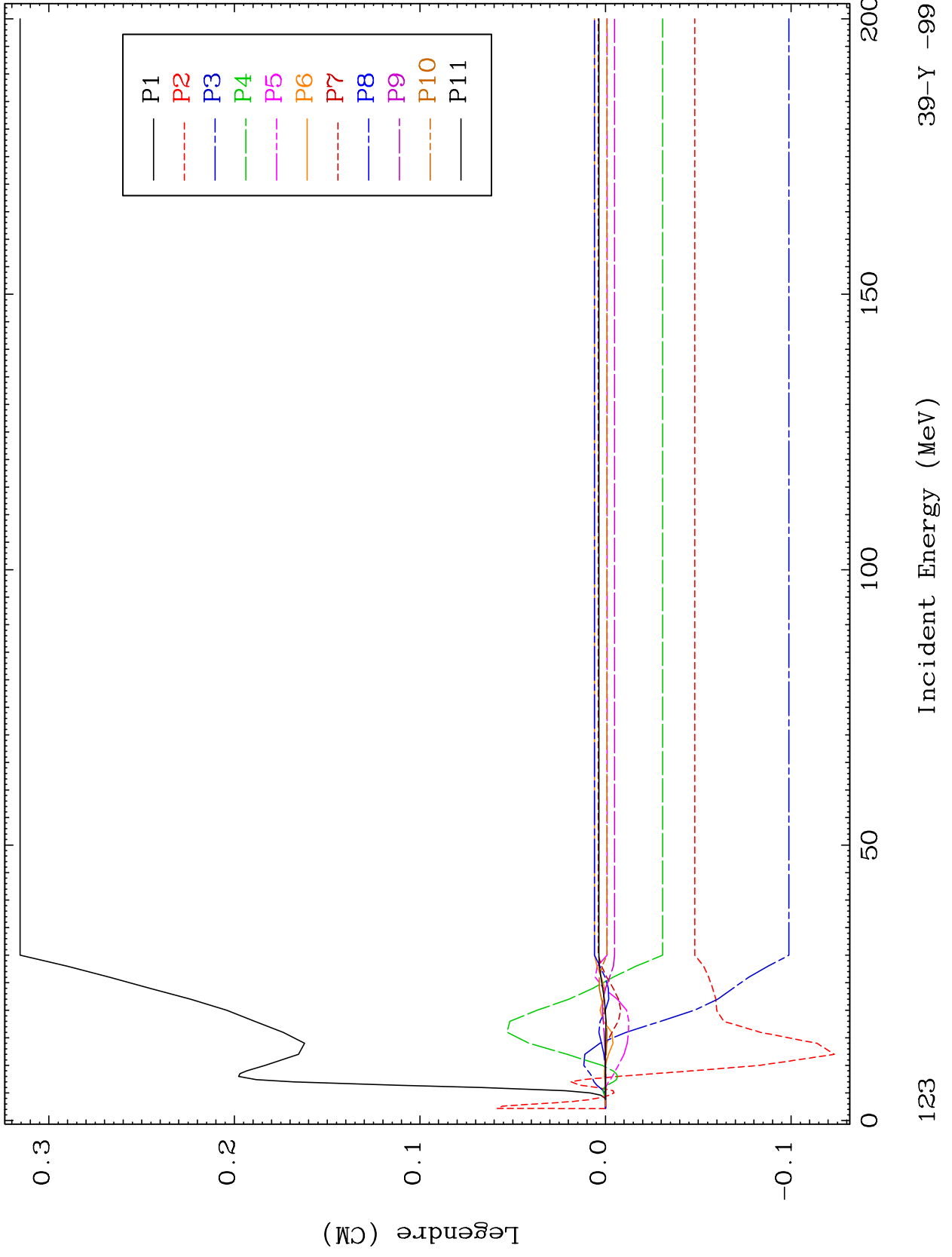
39-Y -99



MAT 3955

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

39-Y -99



123

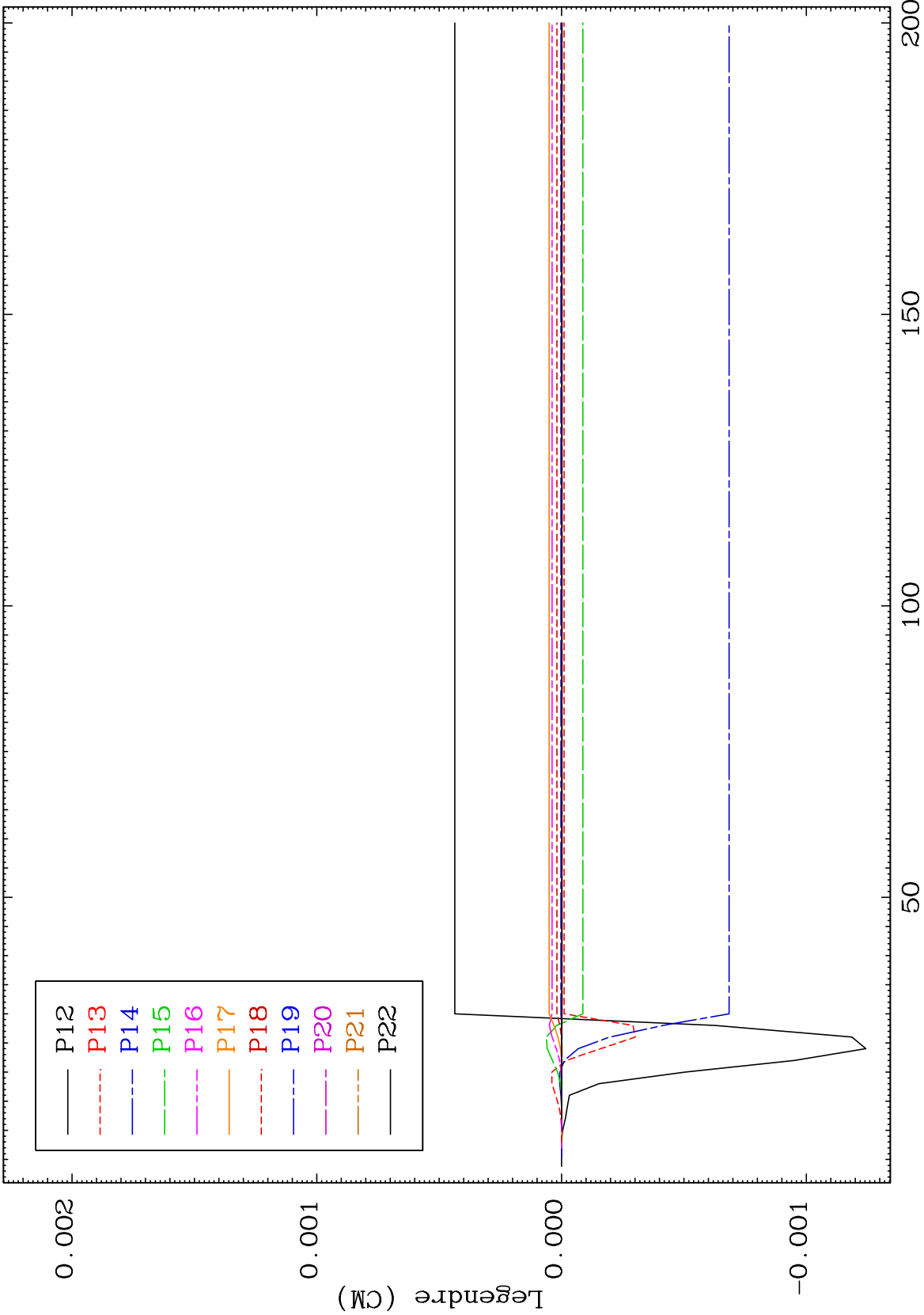
Incident Energy (MeV)

39-Y -99

MAT 3955

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

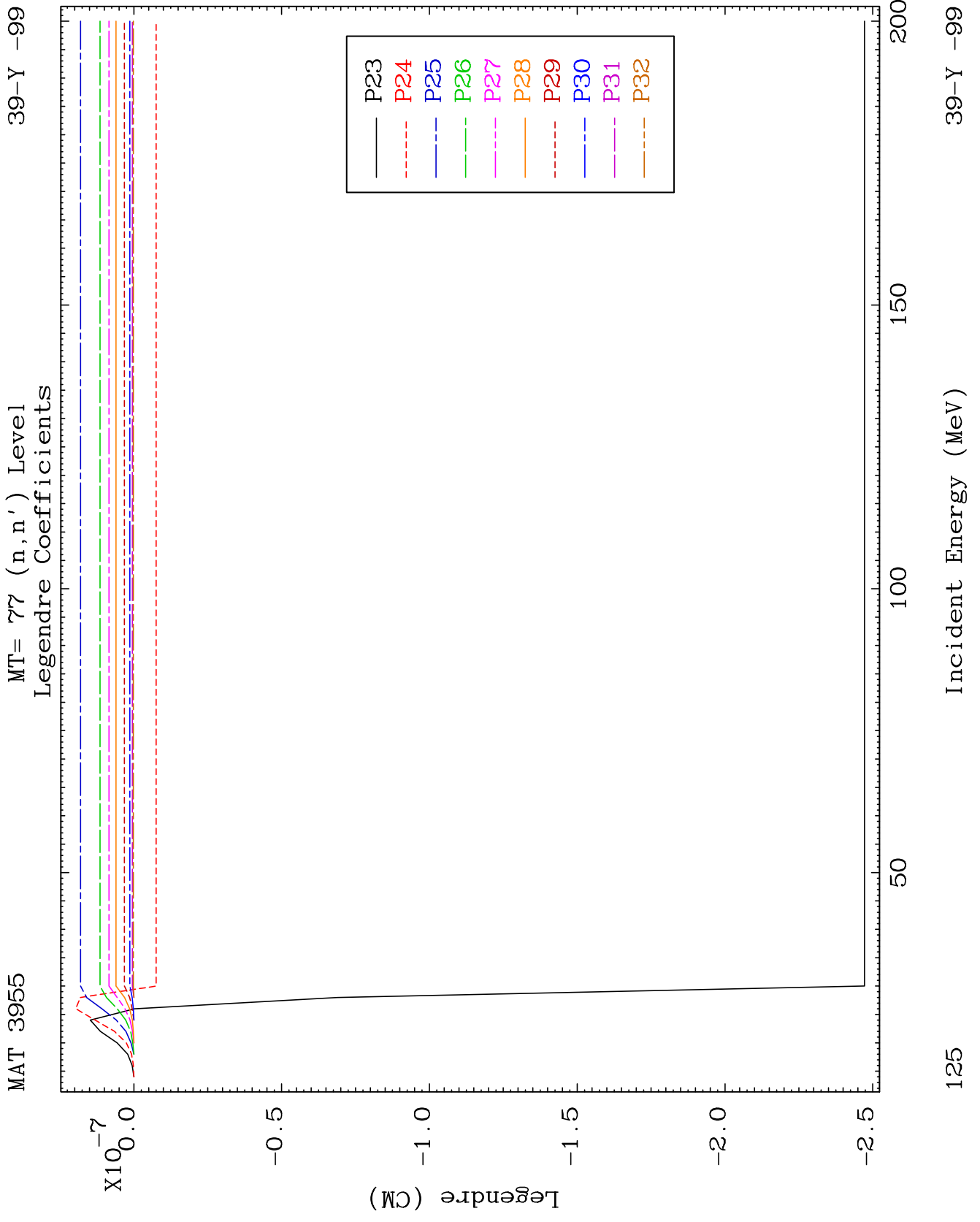
39-Y -99



124

Incident Energy (MeV)

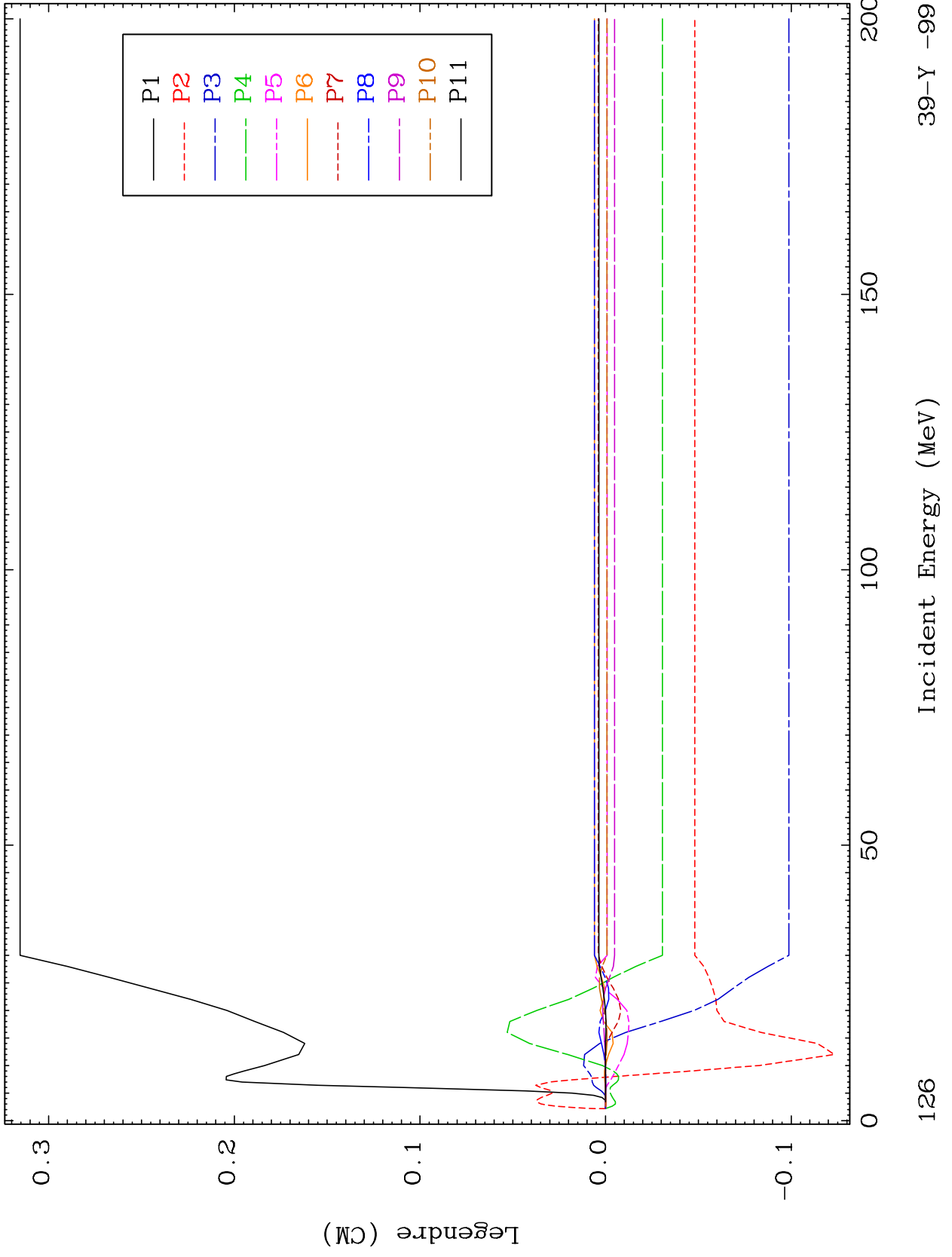
39-Y -99



MAT 3955

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

39-Y -99



126

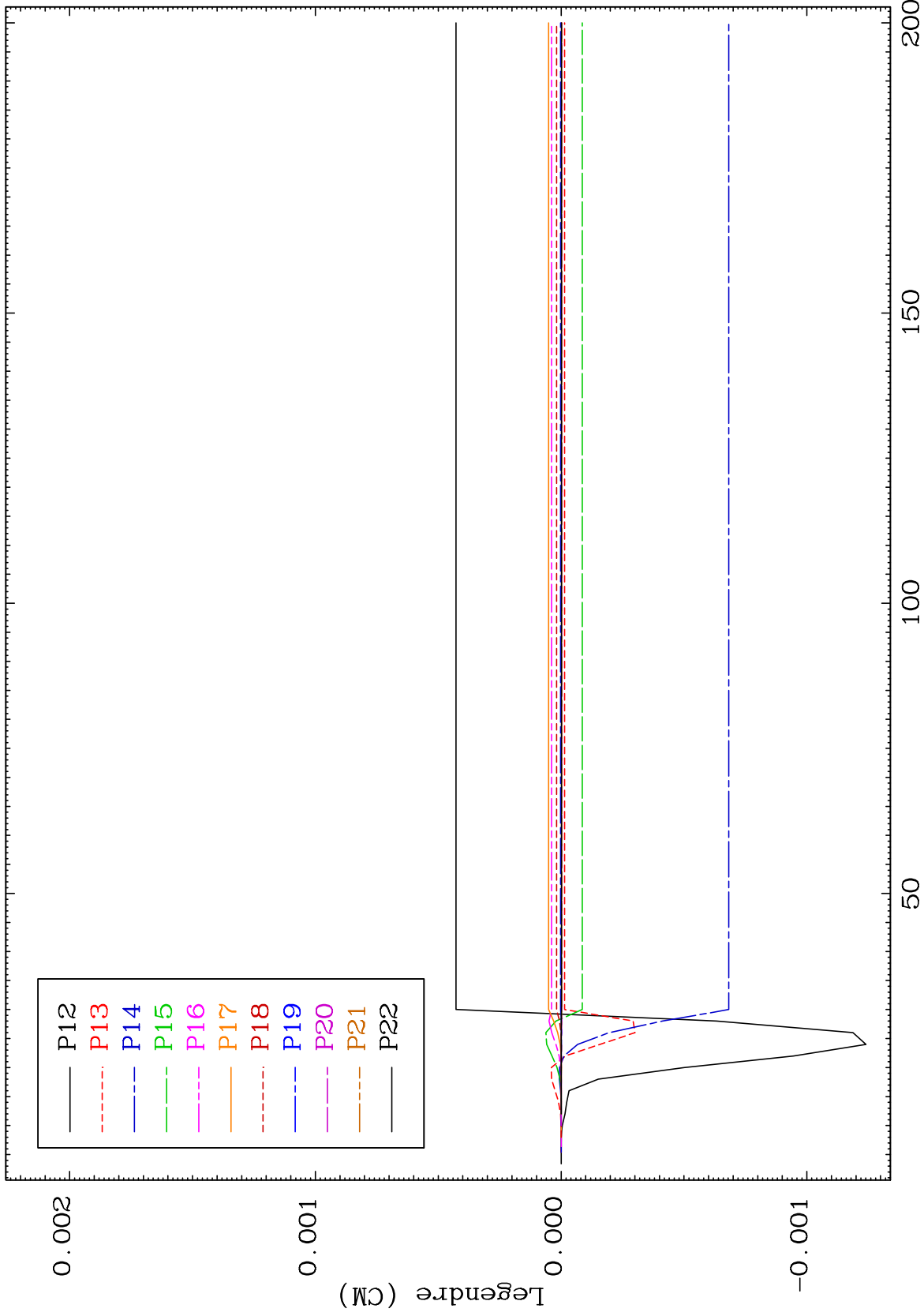
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99

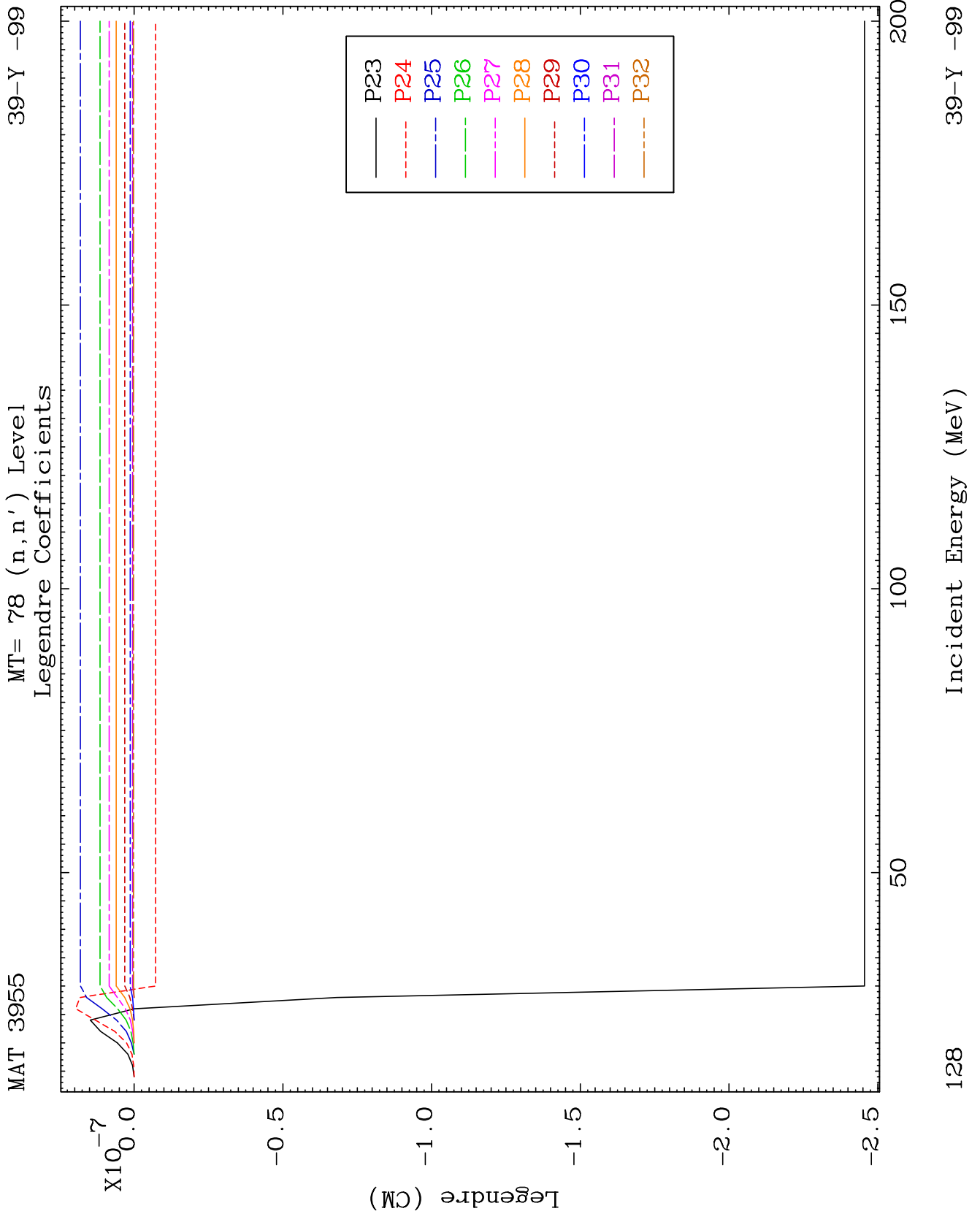


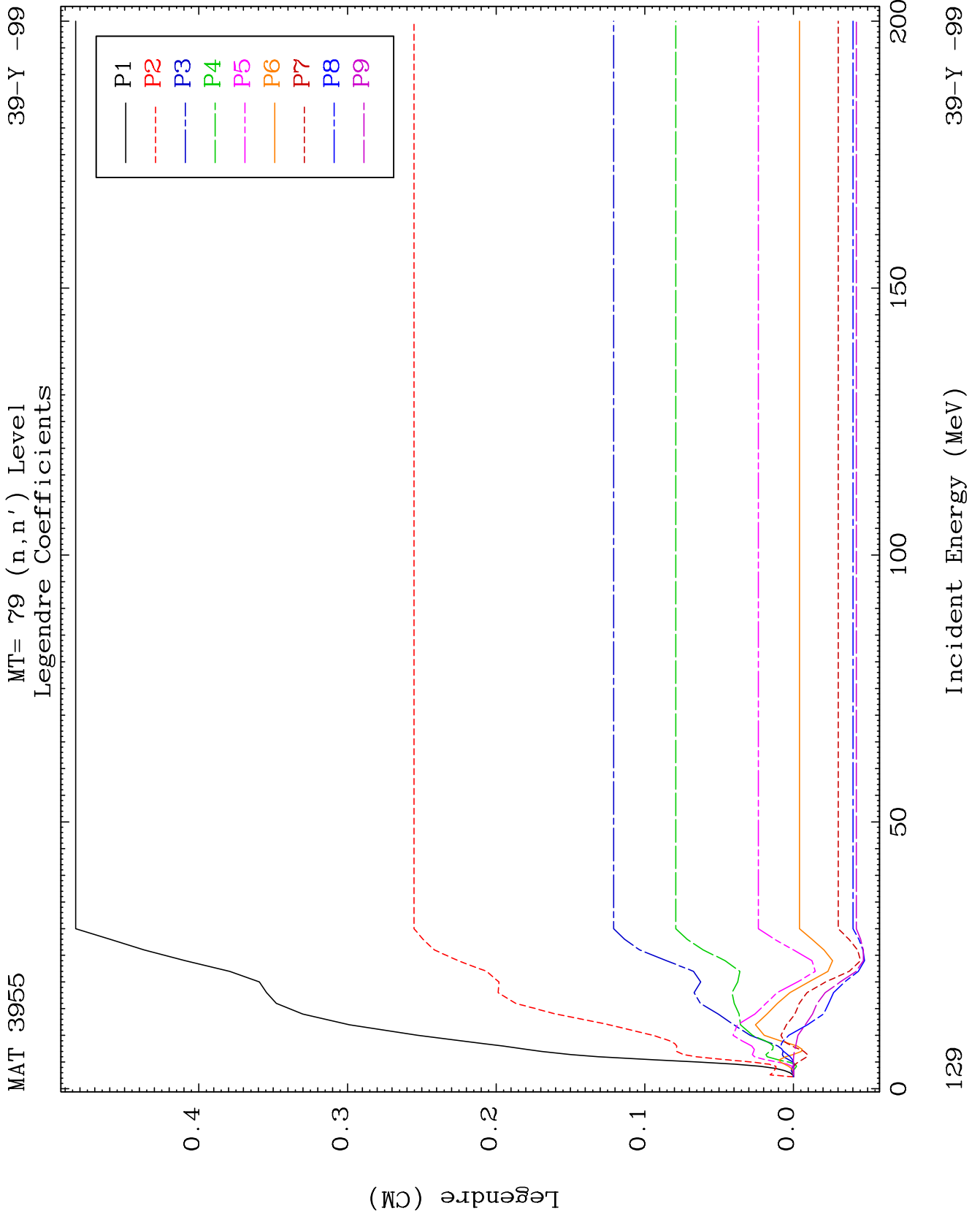
127

Incident Energy (MeV)

39-Y -99



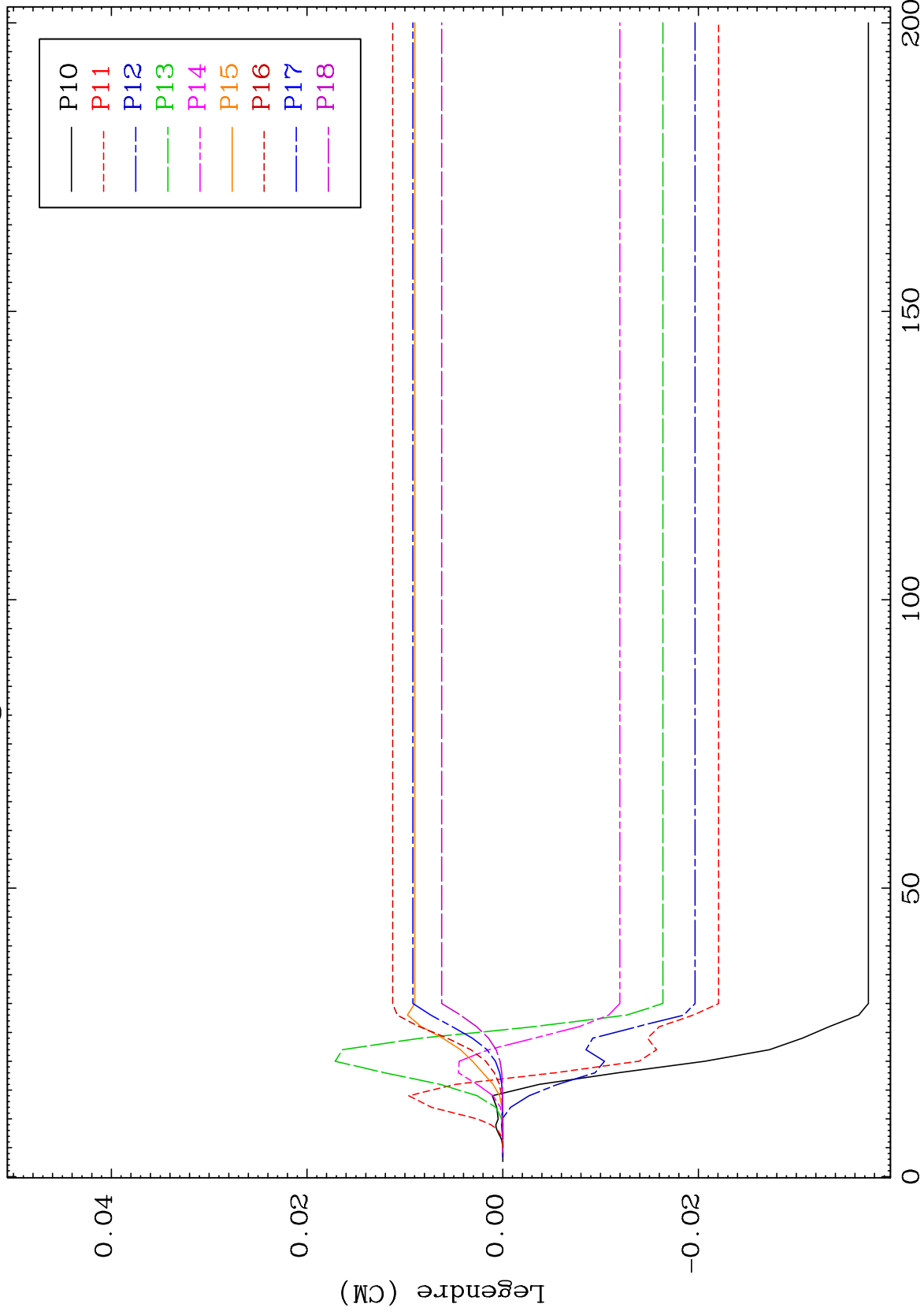




MAT 3955

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

39-Y -99



130

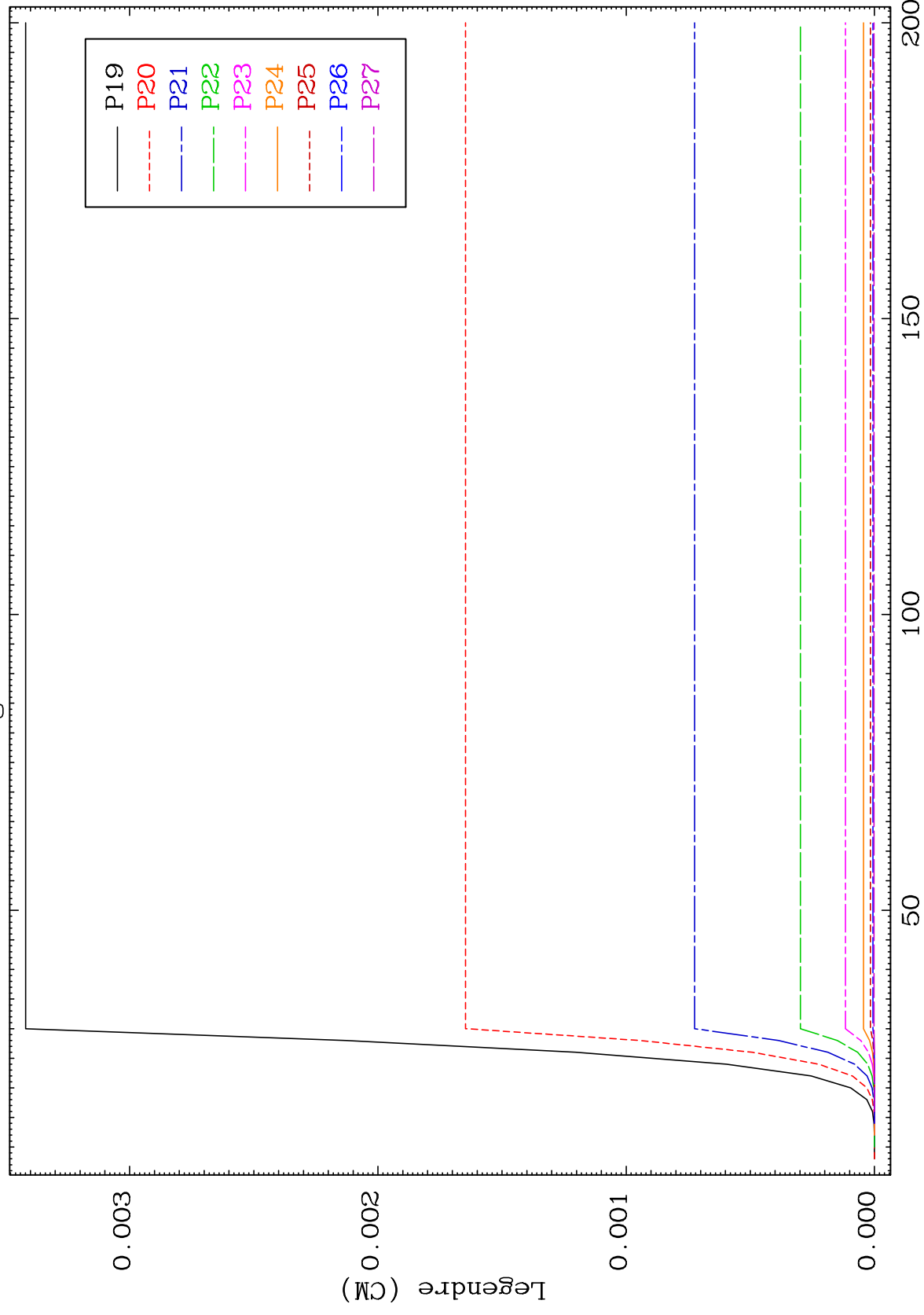
Incident Energy (MeV)

39-Y -99

MAT 3955

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

39-Y -99



131

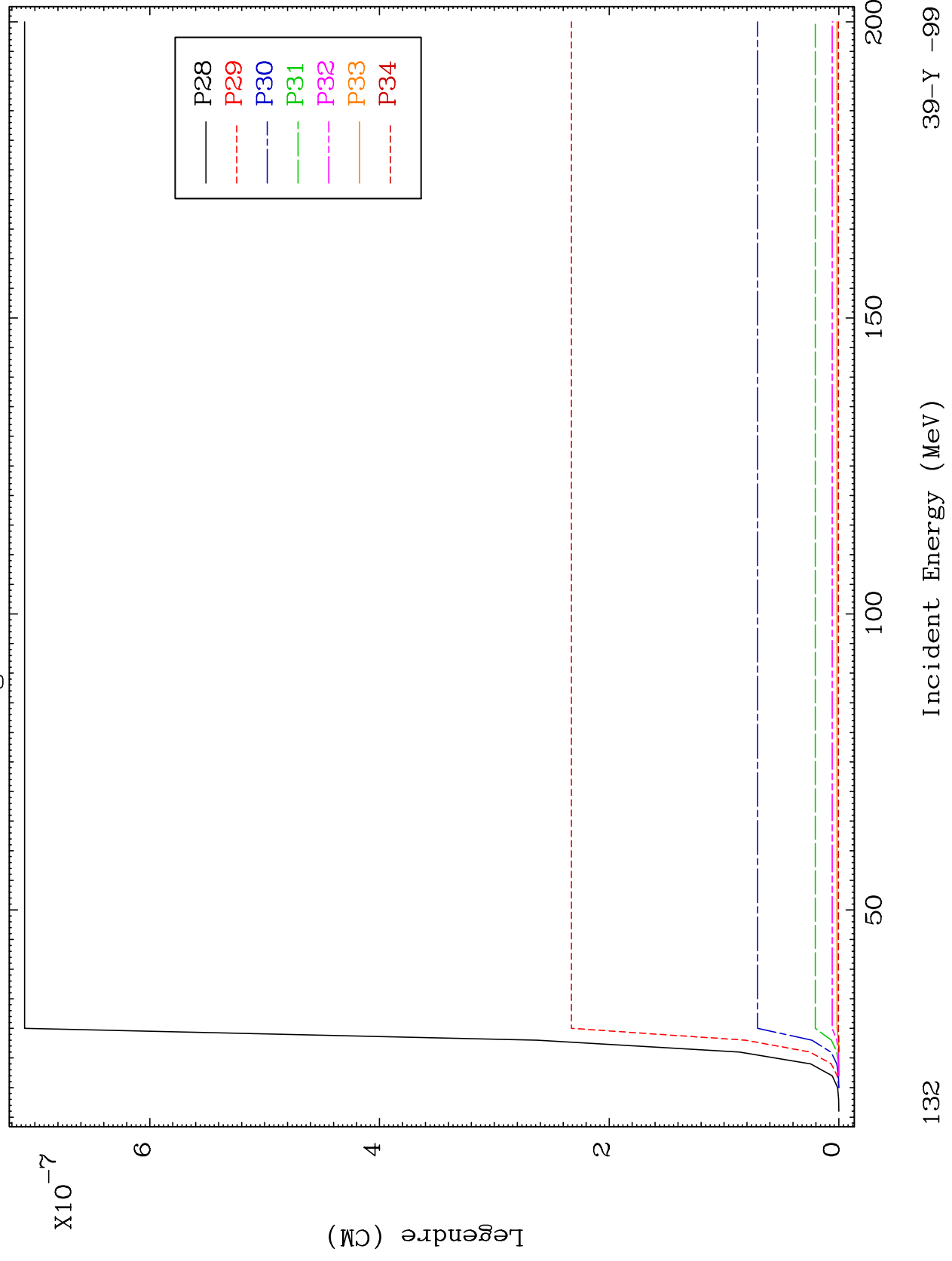
Incident Energy (MeV)

39-Y -99

MAT 3955

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

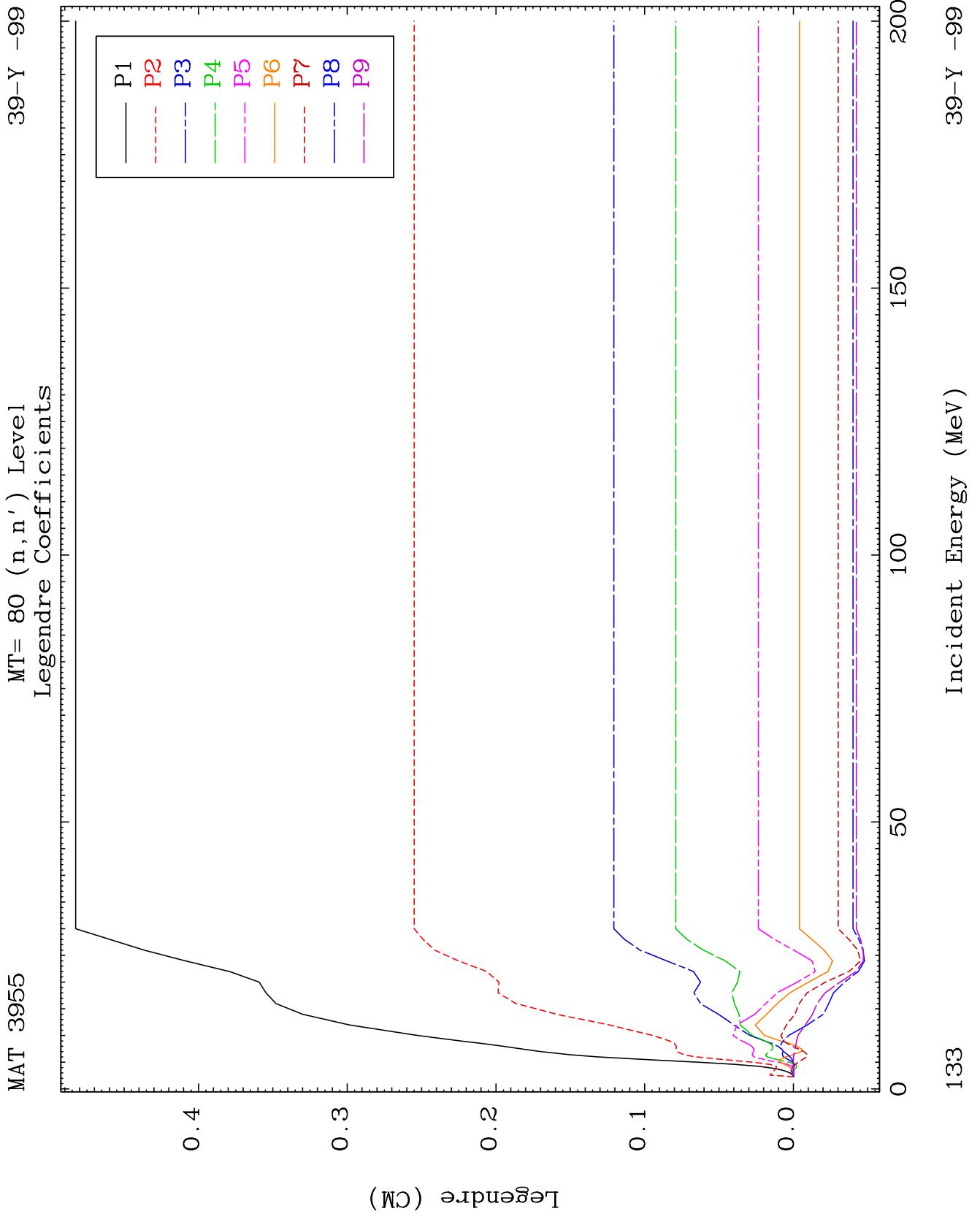
39-Y -99

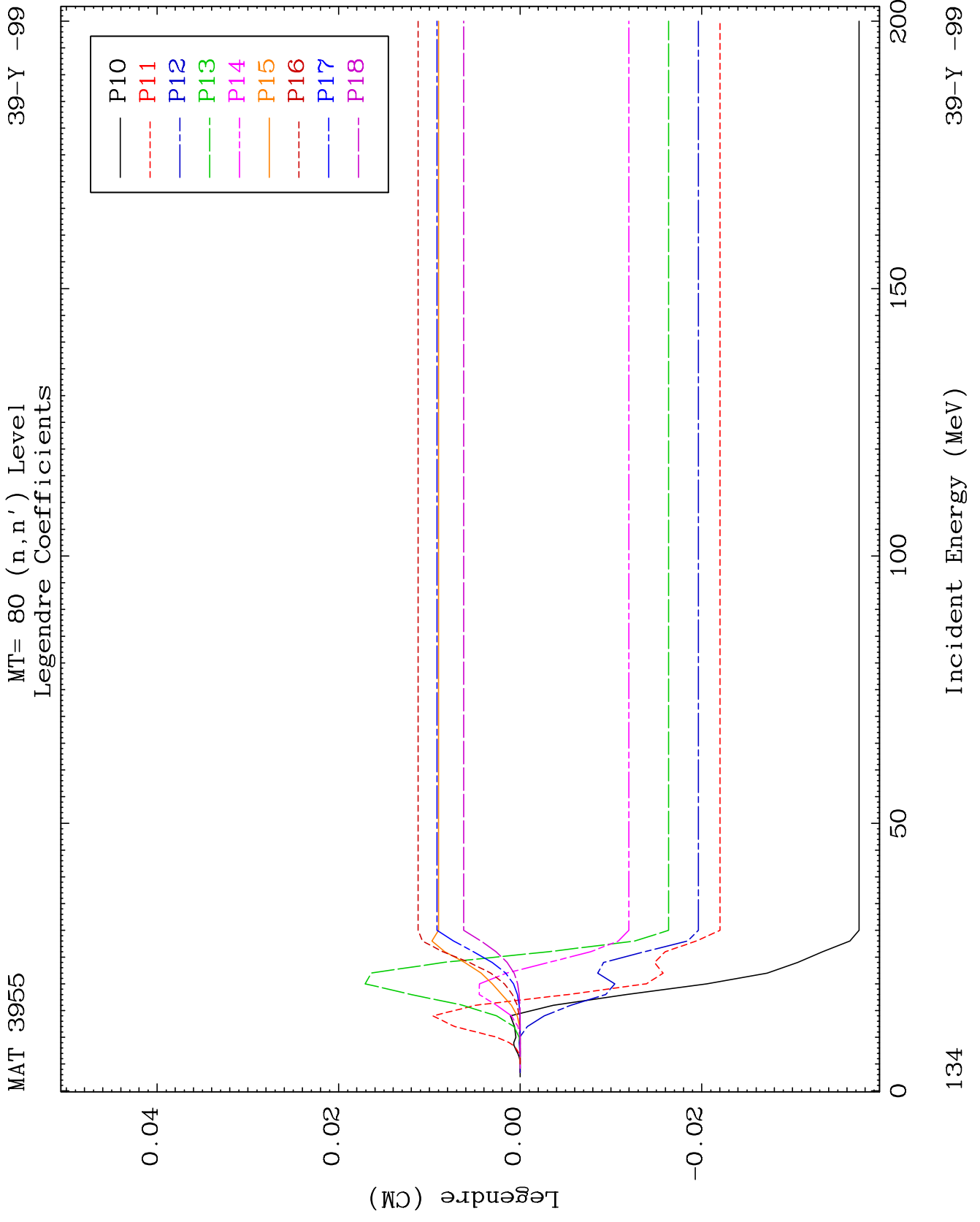


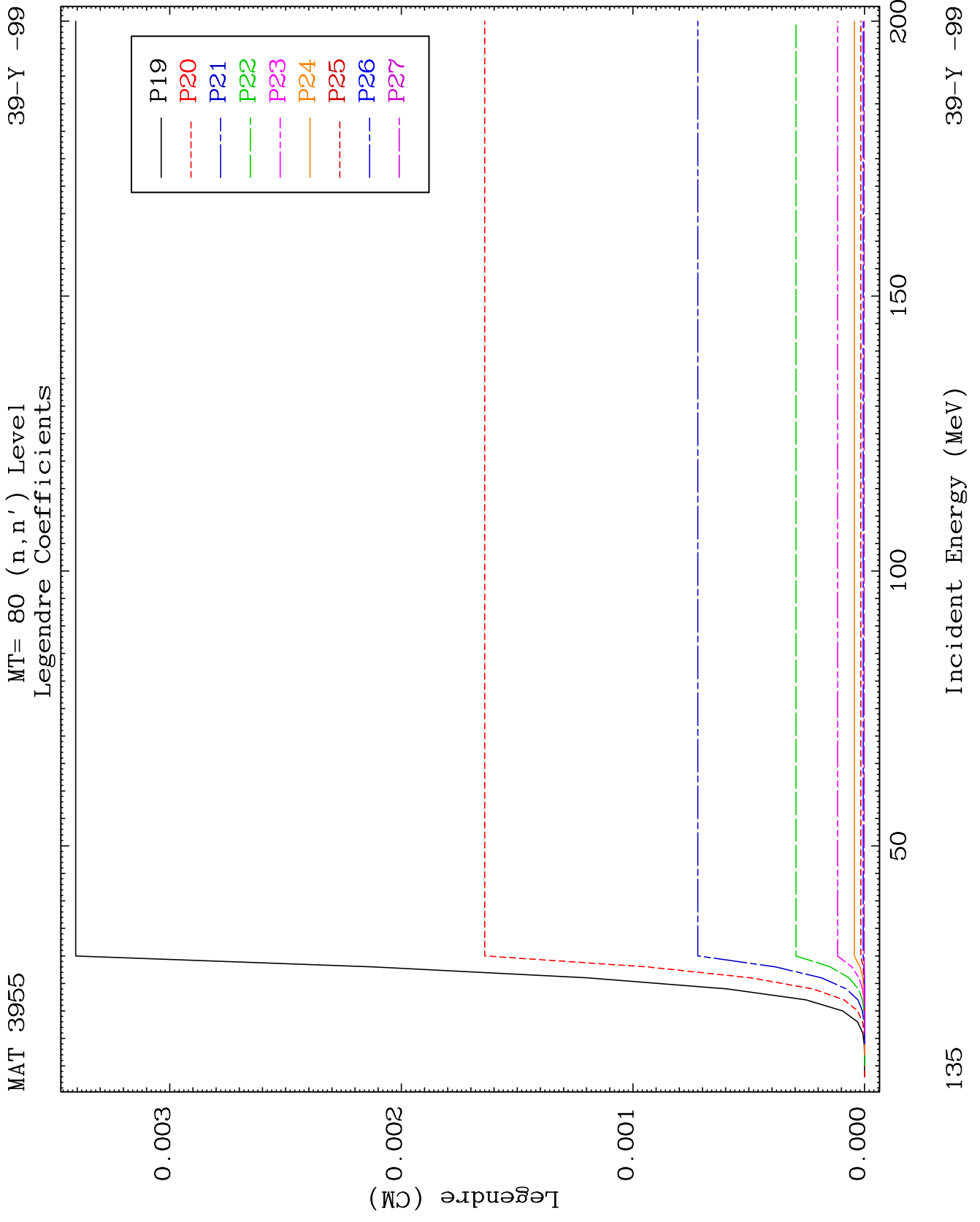
132

Incident Energy (MeV)

39-Y -99





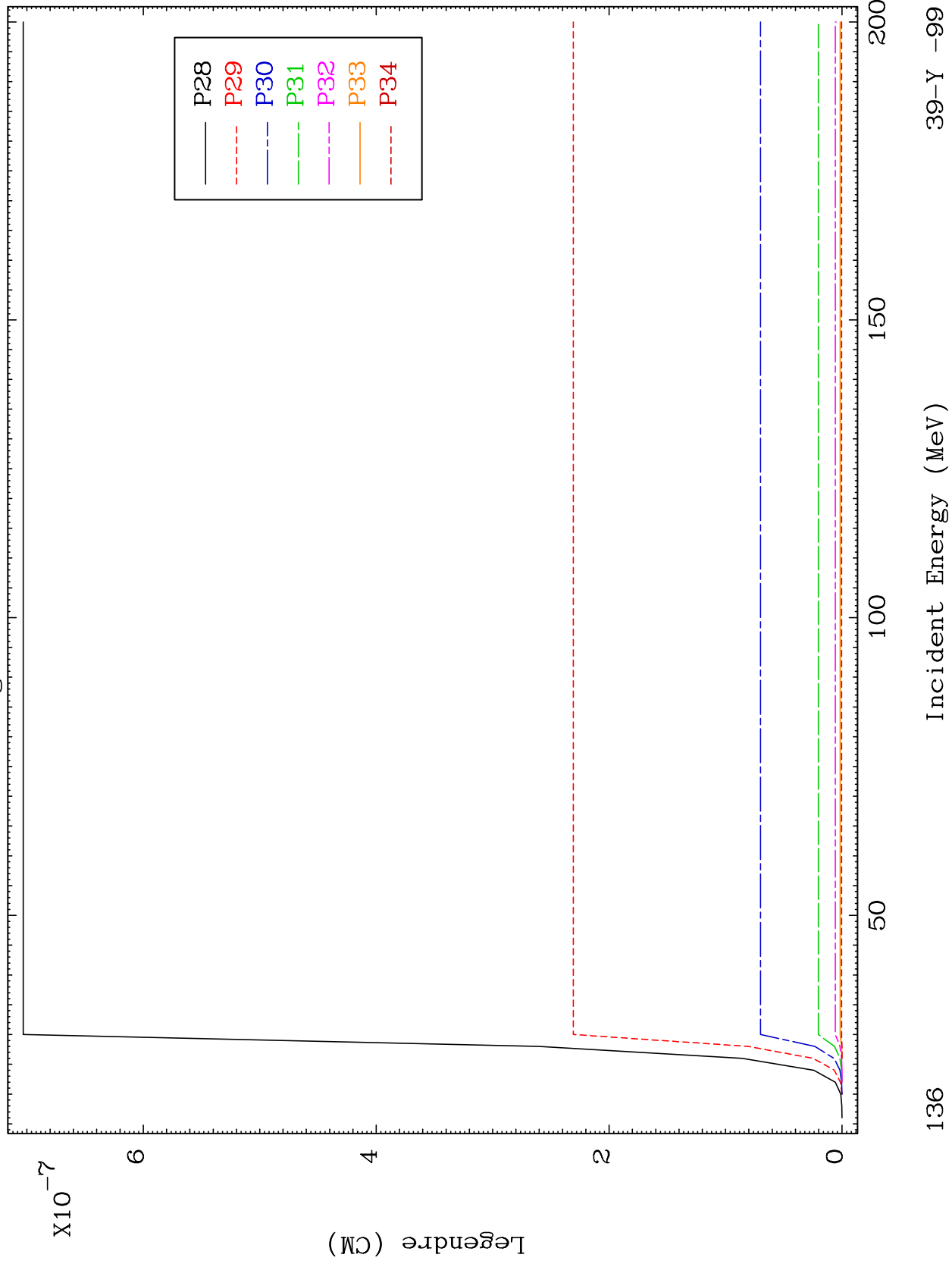




MAT 3955

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

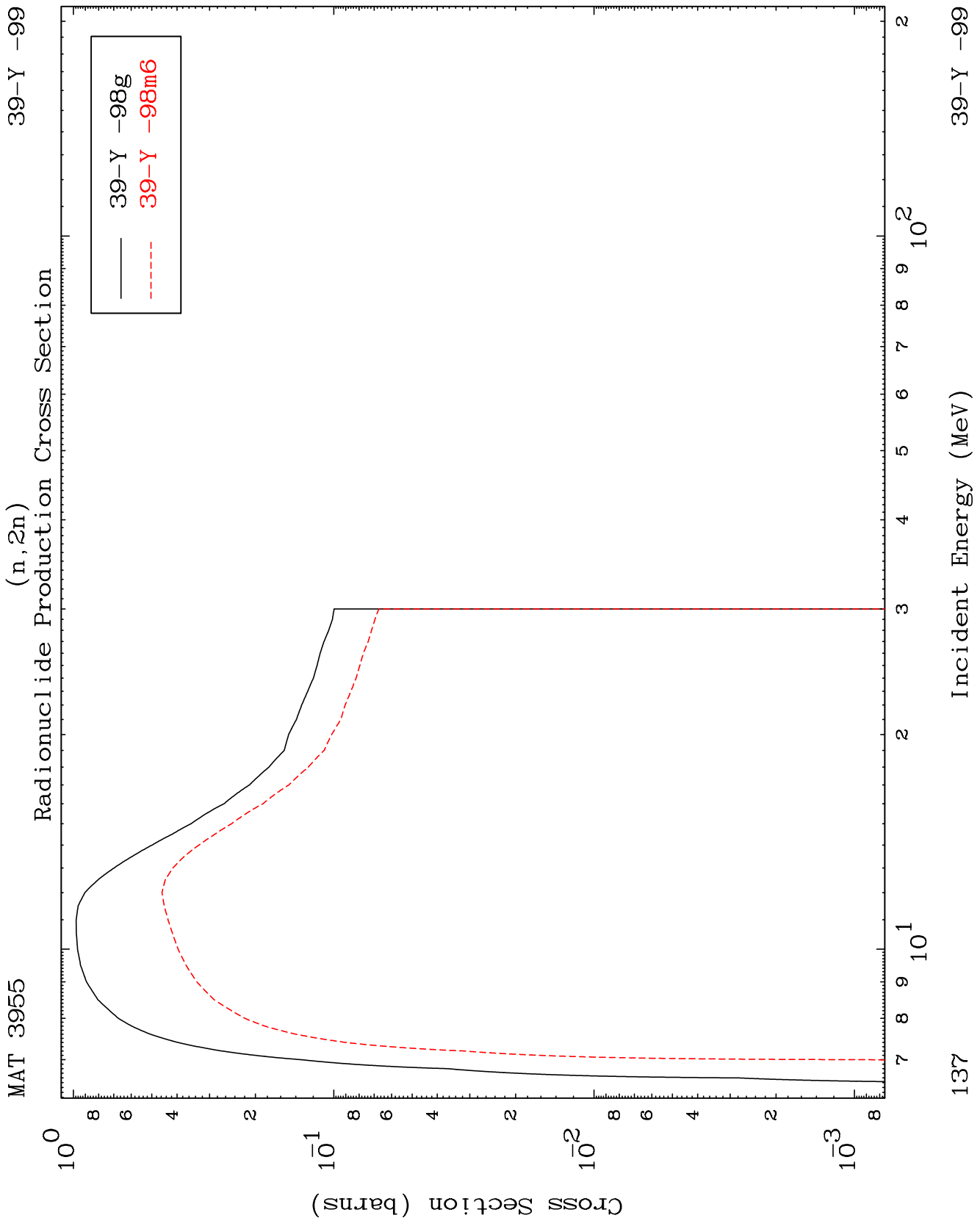
39-Y -99



136

Incident Energy (MeV)

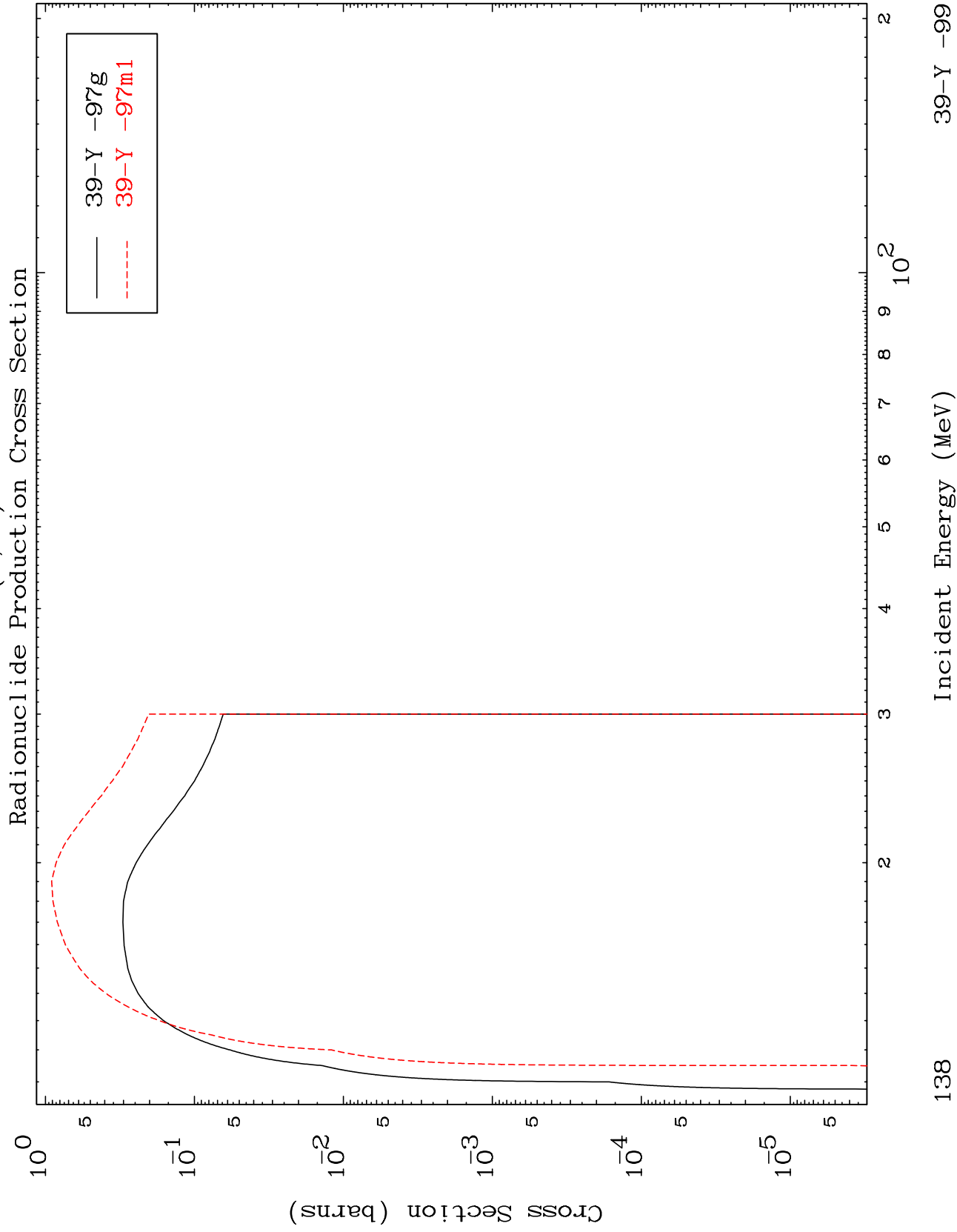
39-Y -99



MAT 3955

(n,3n)

39-Y -99

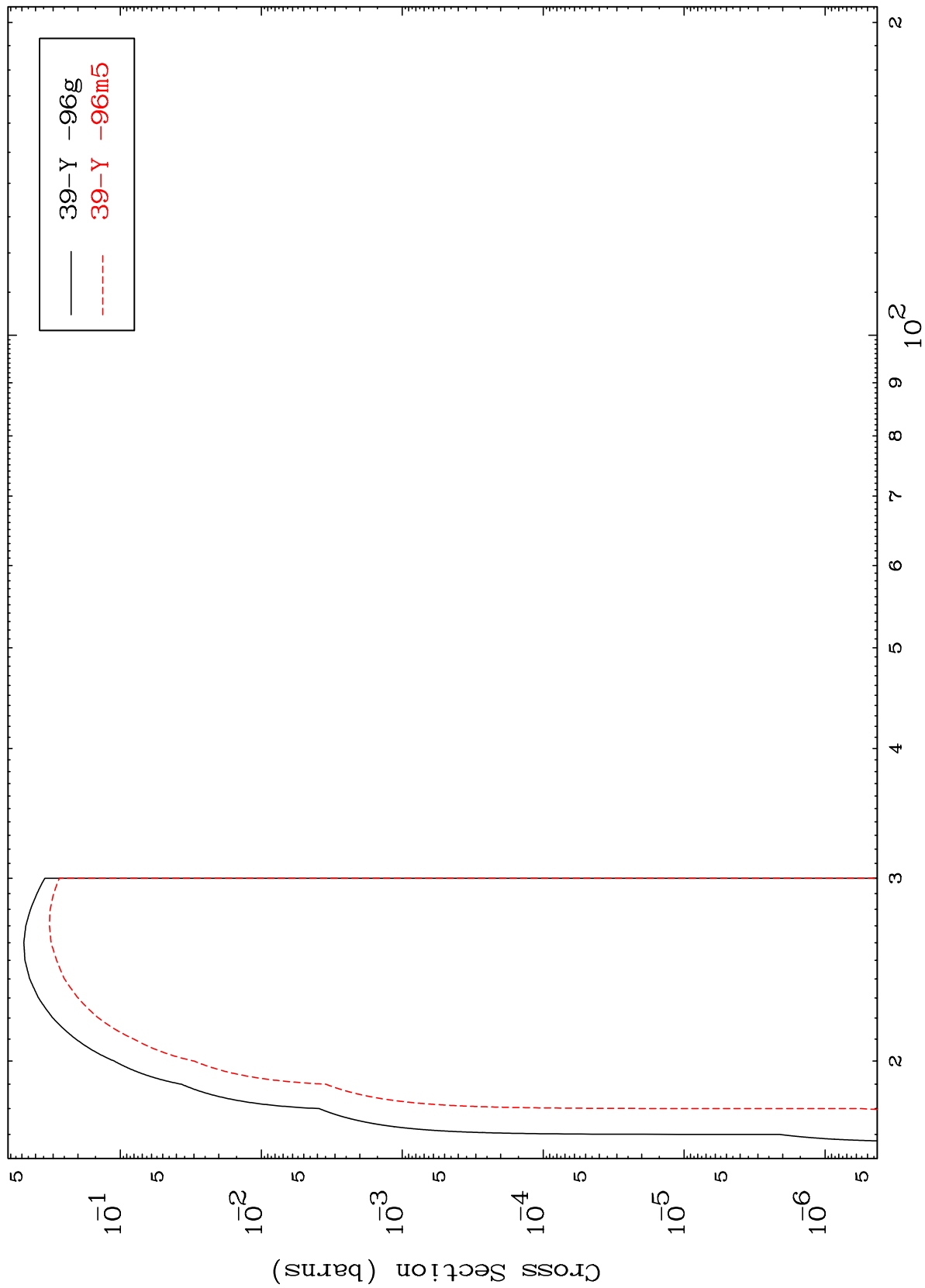


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MAT 3955

39-Y -99

(n,4n)  
Radionuclide Production Cross Section



139

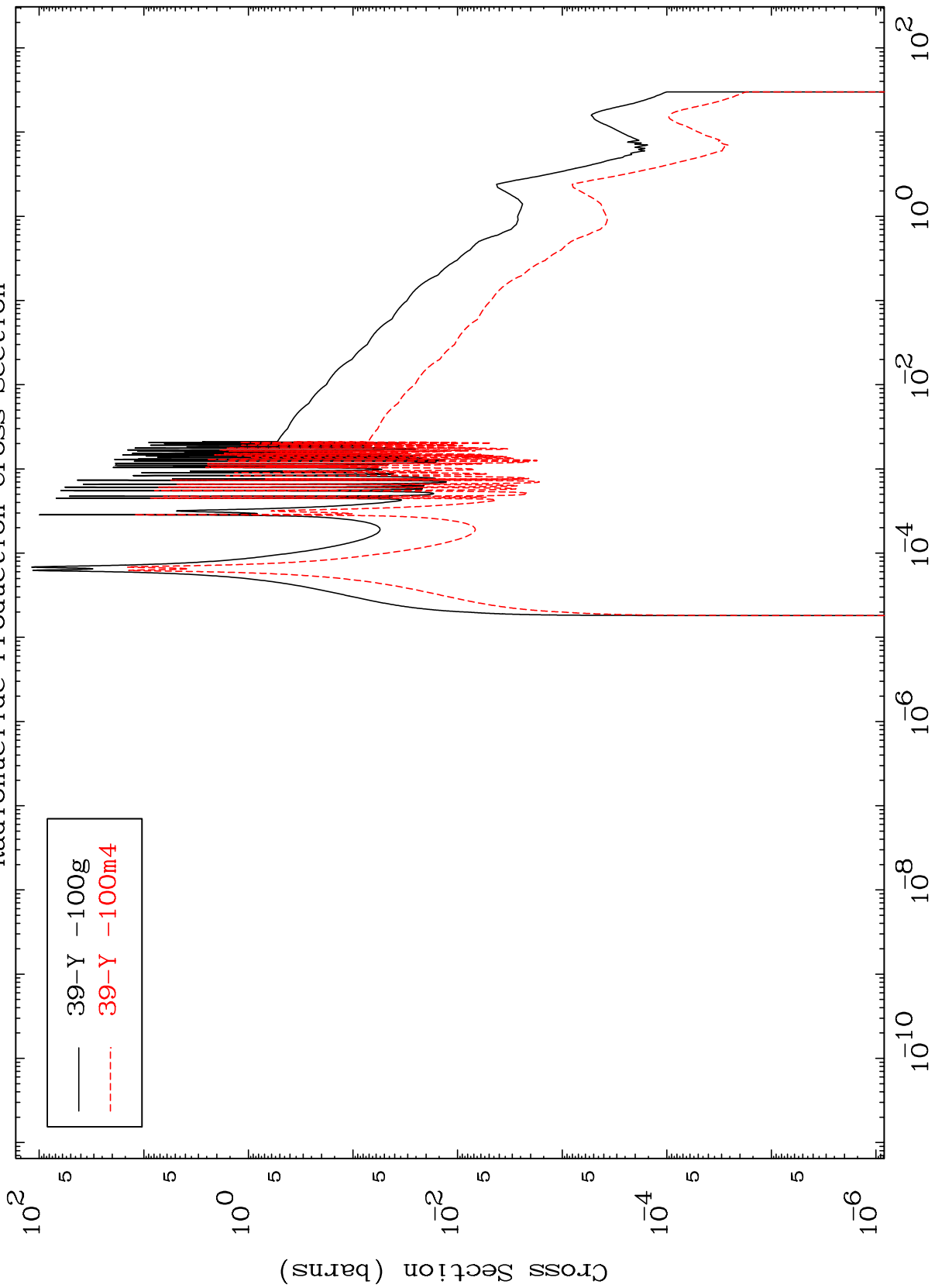
Incident Energy (MeV)

39-Y -99

MAT 3955

39-Y -99

Radionuclide Production Cross Section (n,γ)



— 39-Y -100g  
- - - 39-Y -100m4

39-Y -99

Incident Energy (MeV)

140