

Program EVALPLOT  
(Version 2021-1)

by

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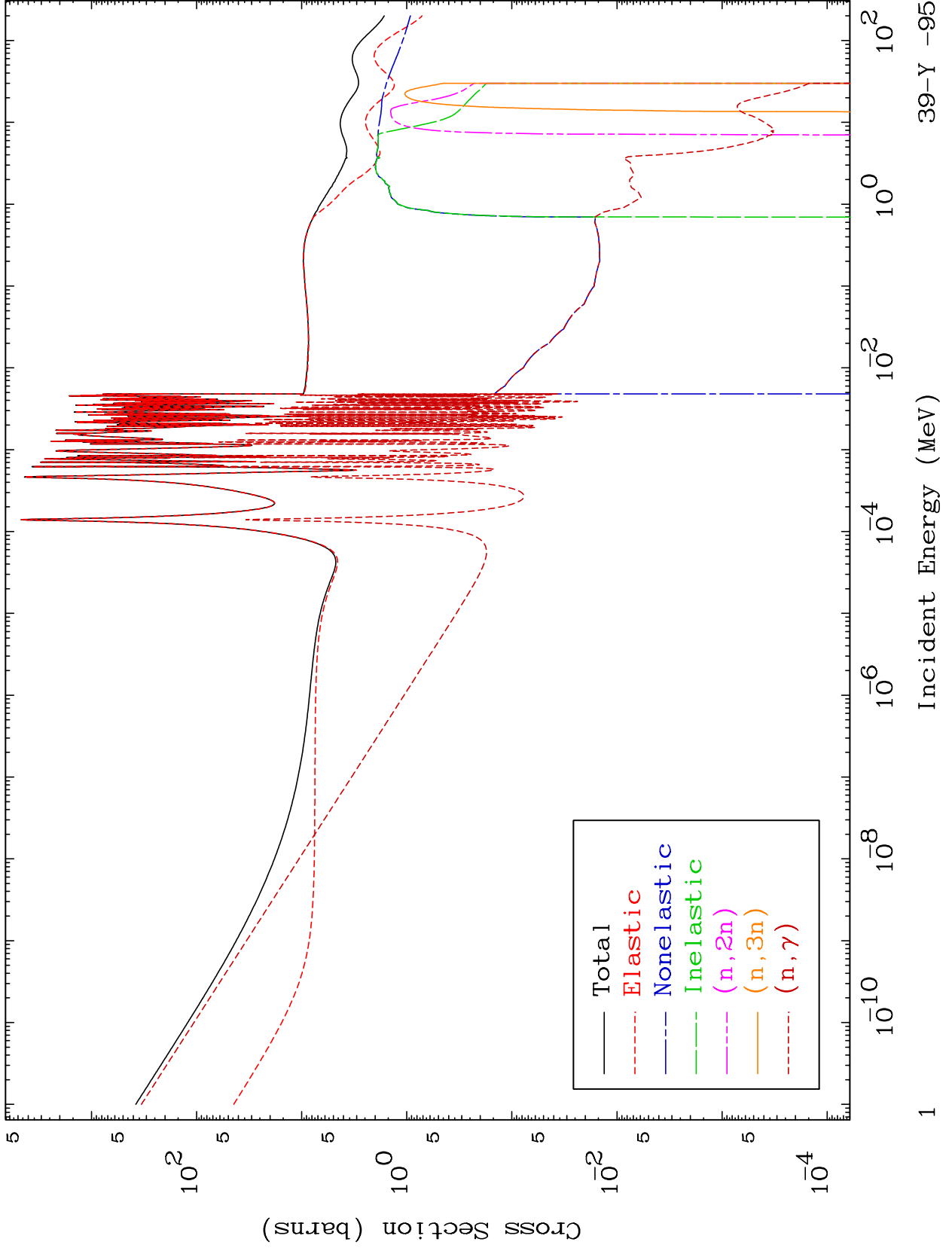
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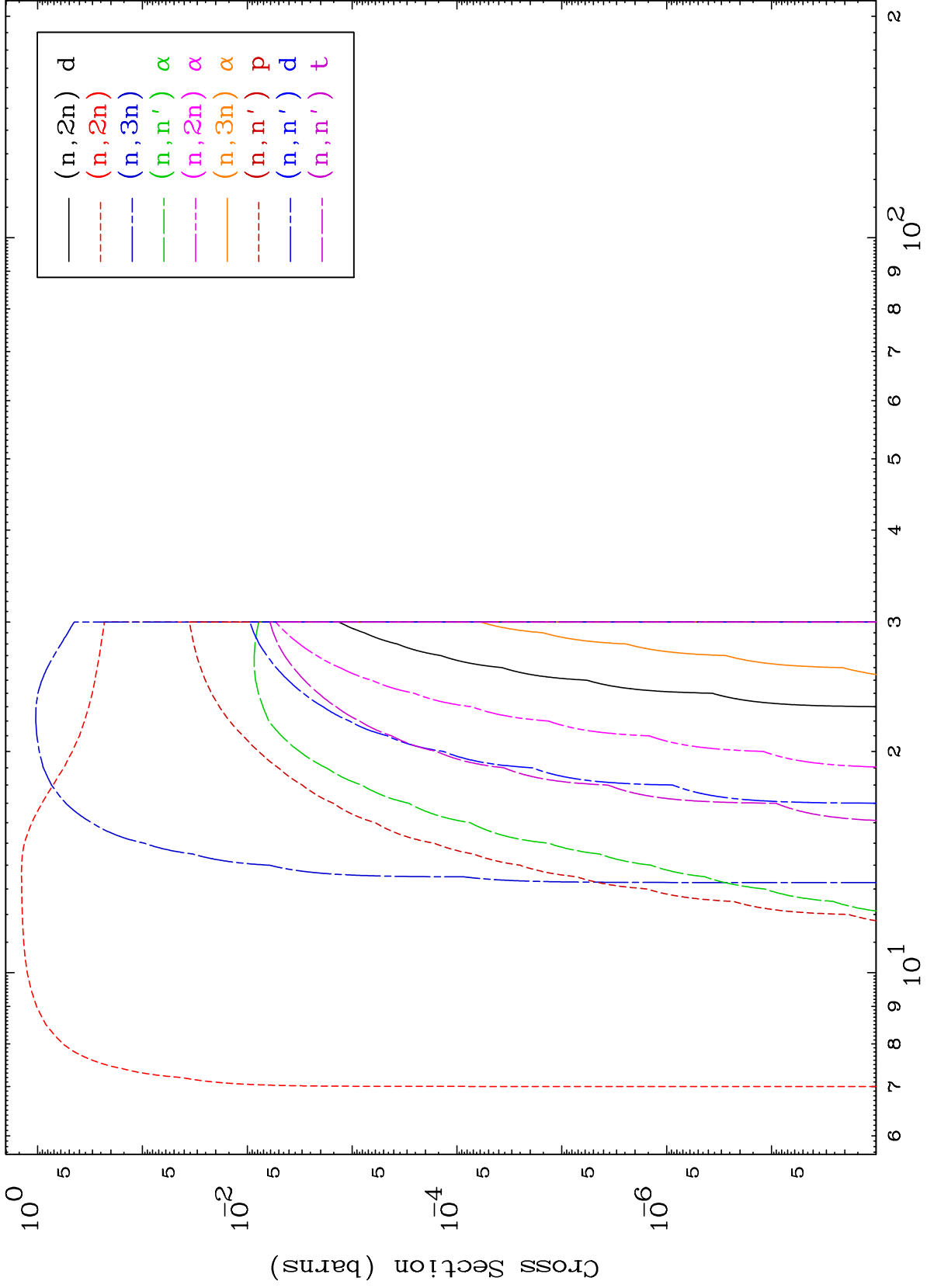
Press Mouse Button to Start

MAT 3943

Neutron Major  
293 Kelvin Cross Sections

39-Y -95

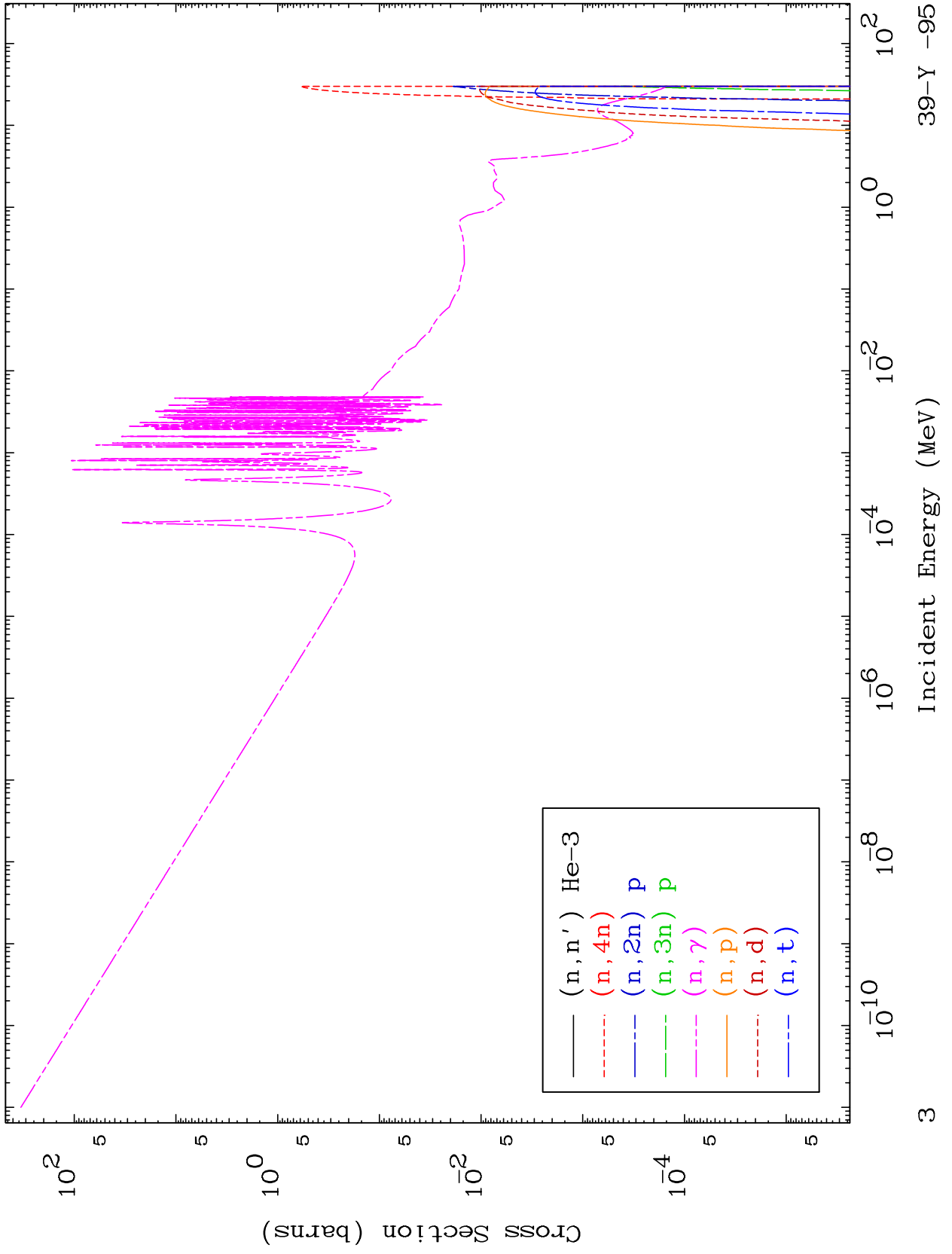




MAT 3943

Neutron Absorption  
293 Kelvin Cross Sections

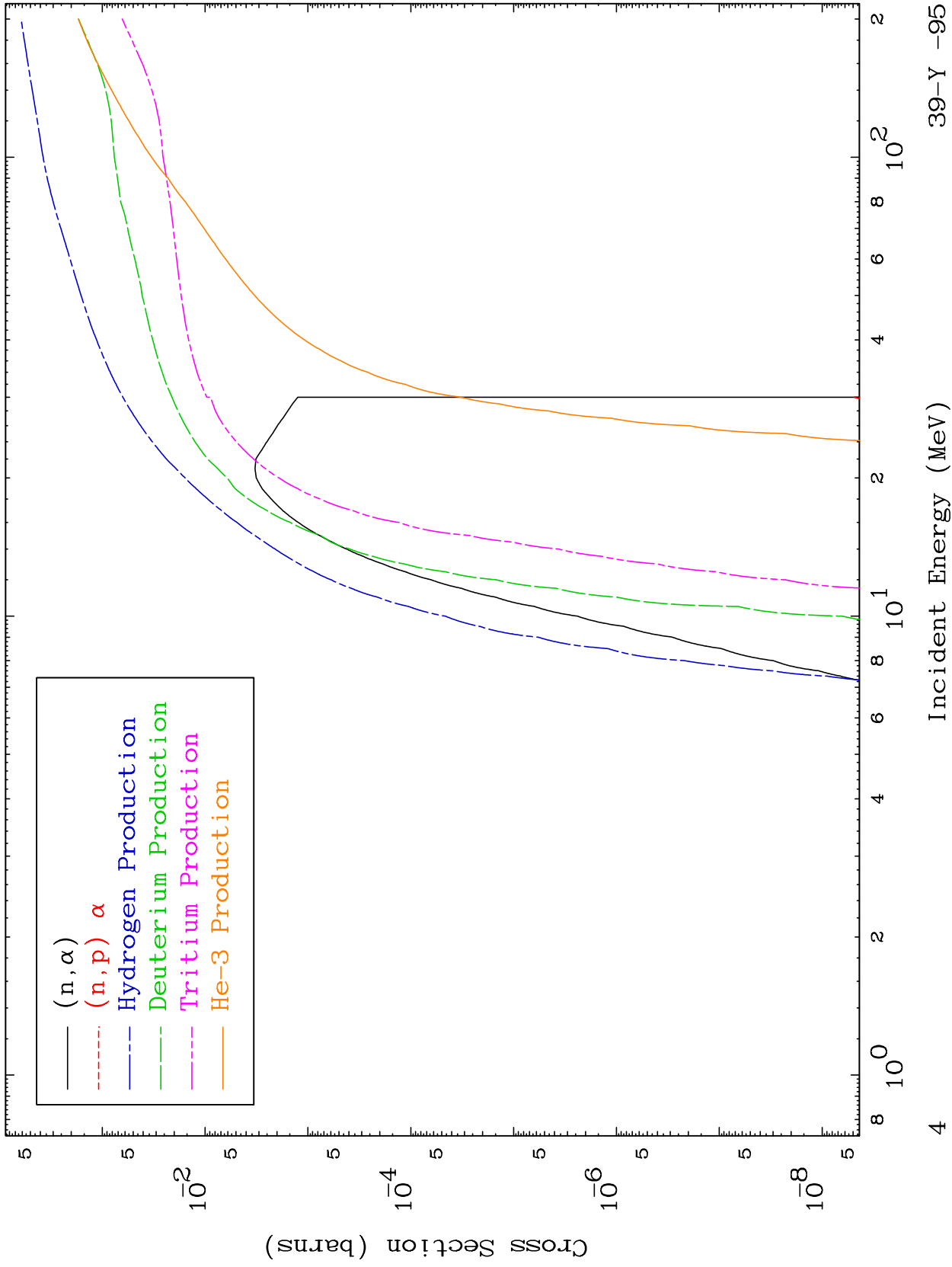
39-Y -95



MAT 3943

Neutron Absorption  
293 Kelvin Cross Sections

39-Y -95



39-Y -95

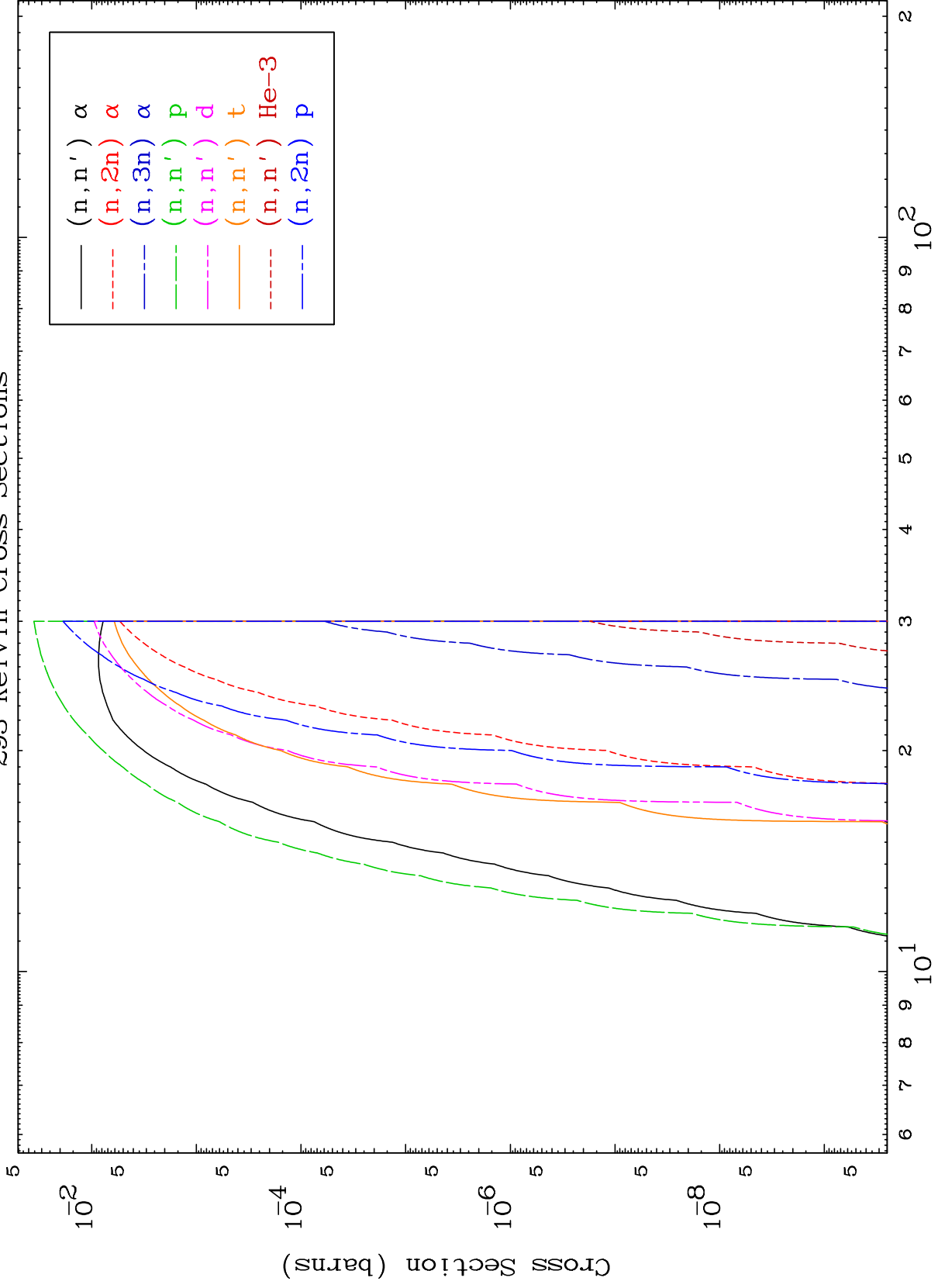
Incident Energy (MeV)

4

MAT 3943

Charged Particle  
293 Kelvin Cross Sections

39-Y -95



5

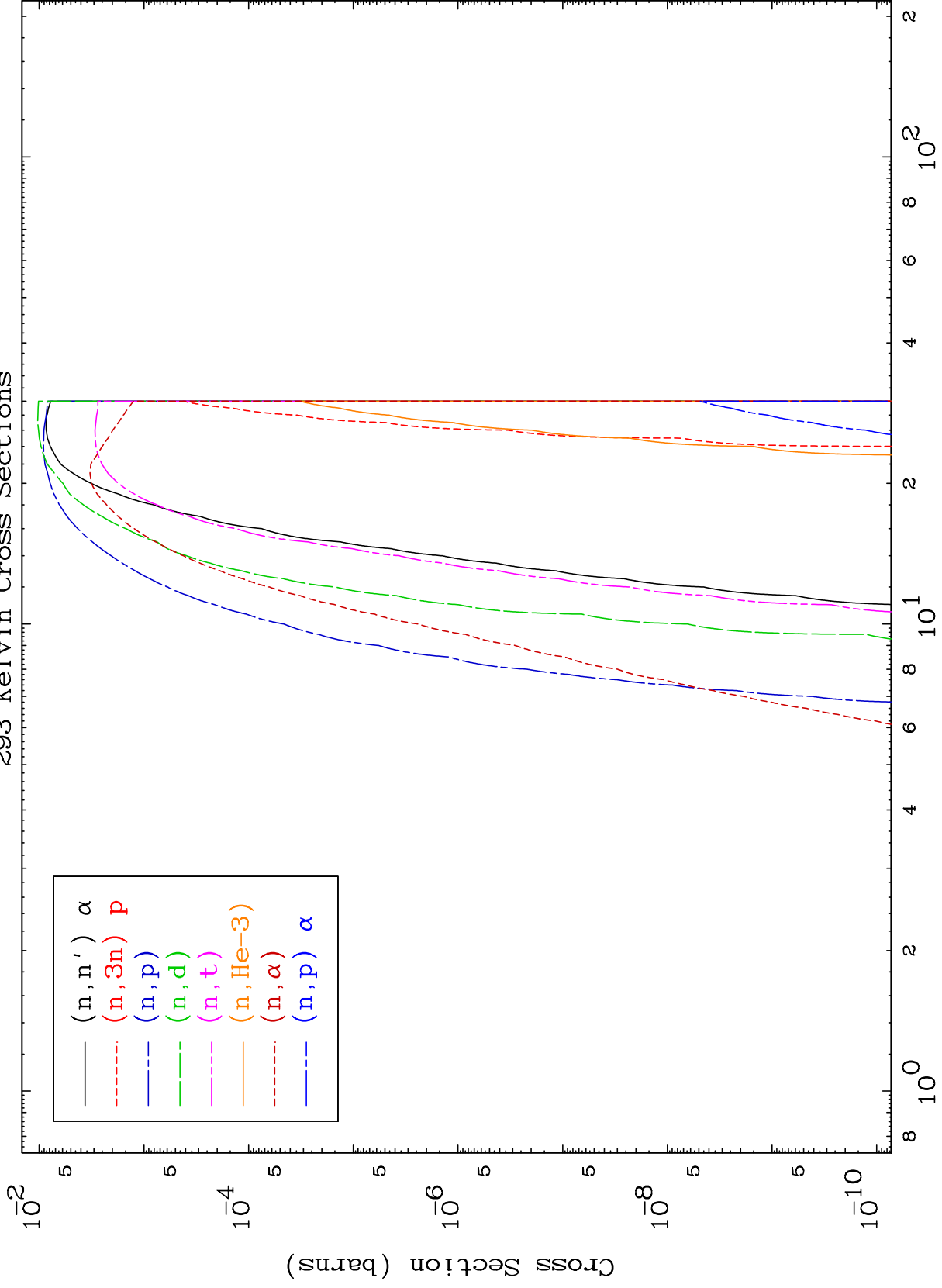
Incident Energy (MeV)

39-Y -95

MAT 3943

Charged Particle  
293 Kelvin Cross Sections

39-Y -95



Incident Energy (MeV)

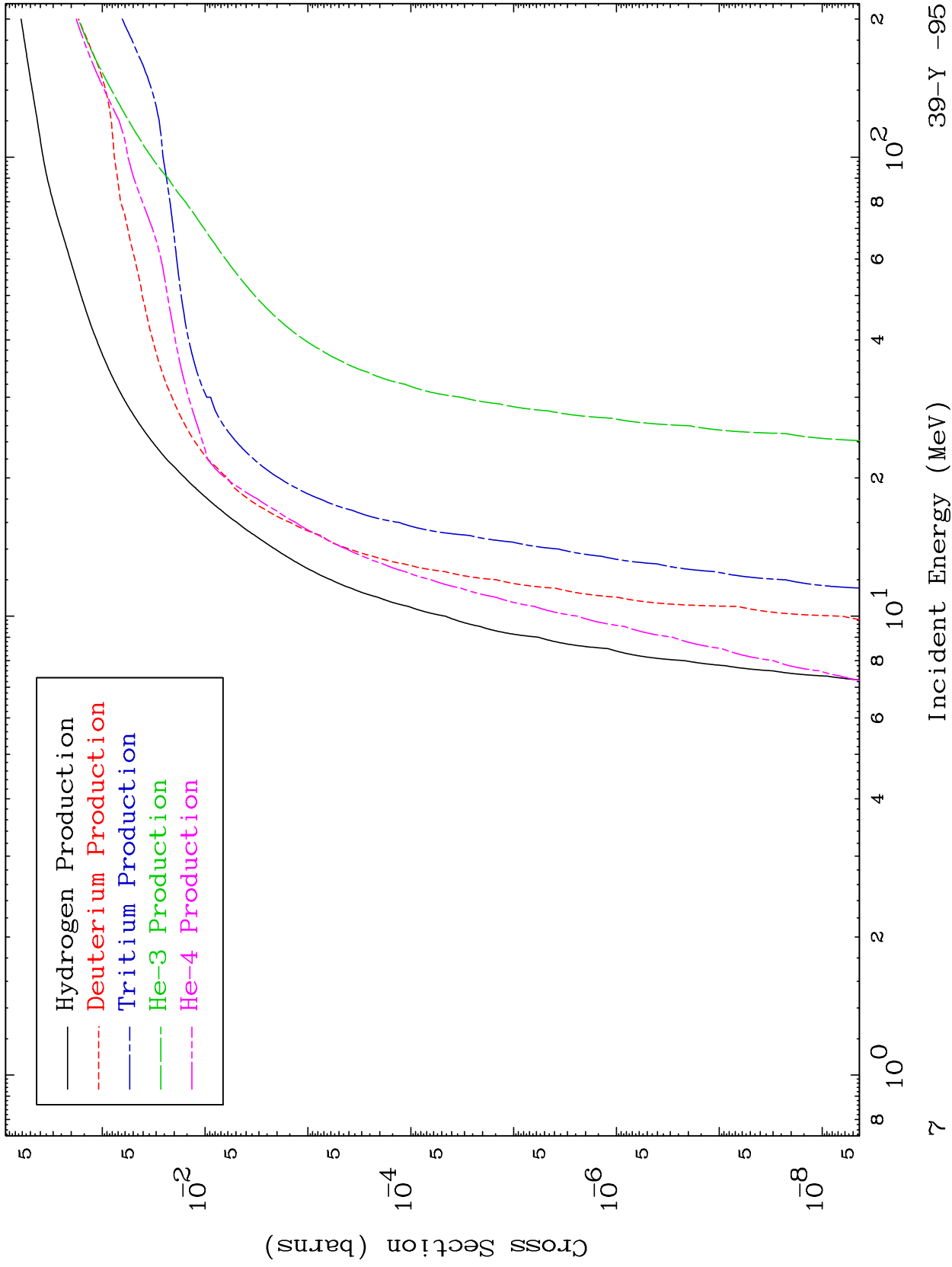
39-Y -95

6

MAT 3943

Particle Production  
293 Kelvin Cross Sections

39-Y -95



7

Incident Energy (MeV)

39-Y -95

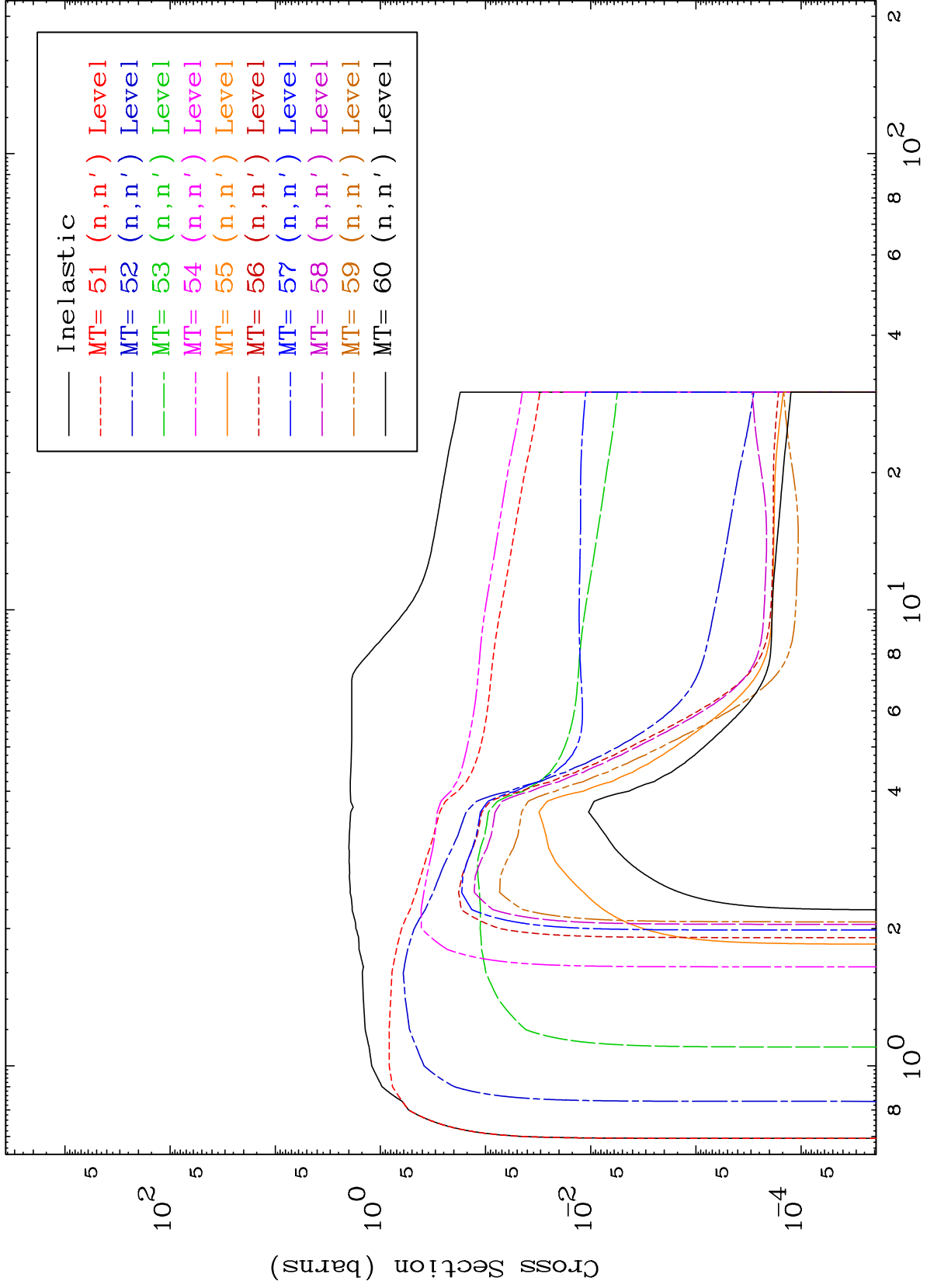


MAT 3943

(n,n') Levels

39-Y -95

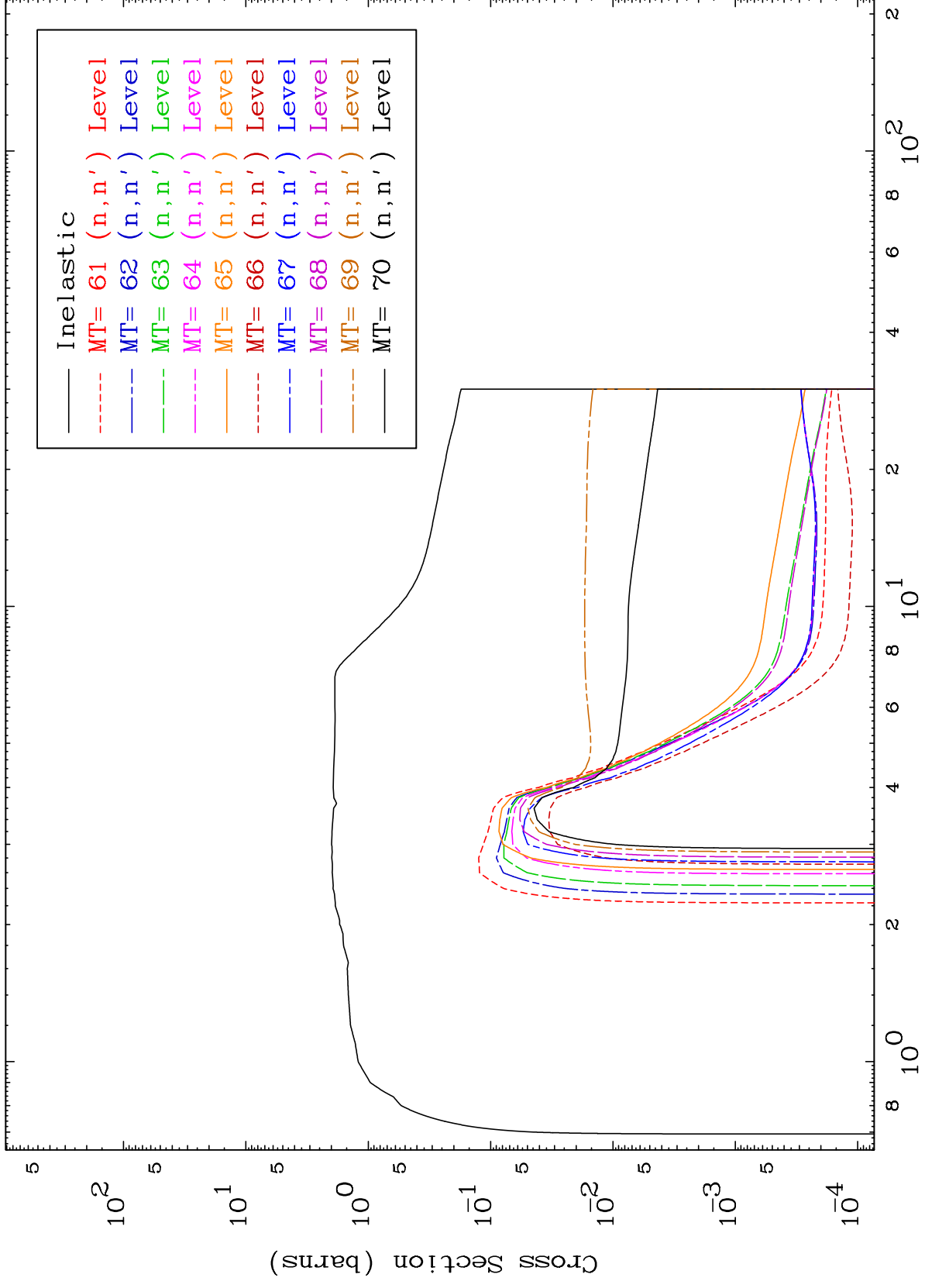
293 Kelvin Cross Sections



8

Incident Energy (MeV)

39-Y -95

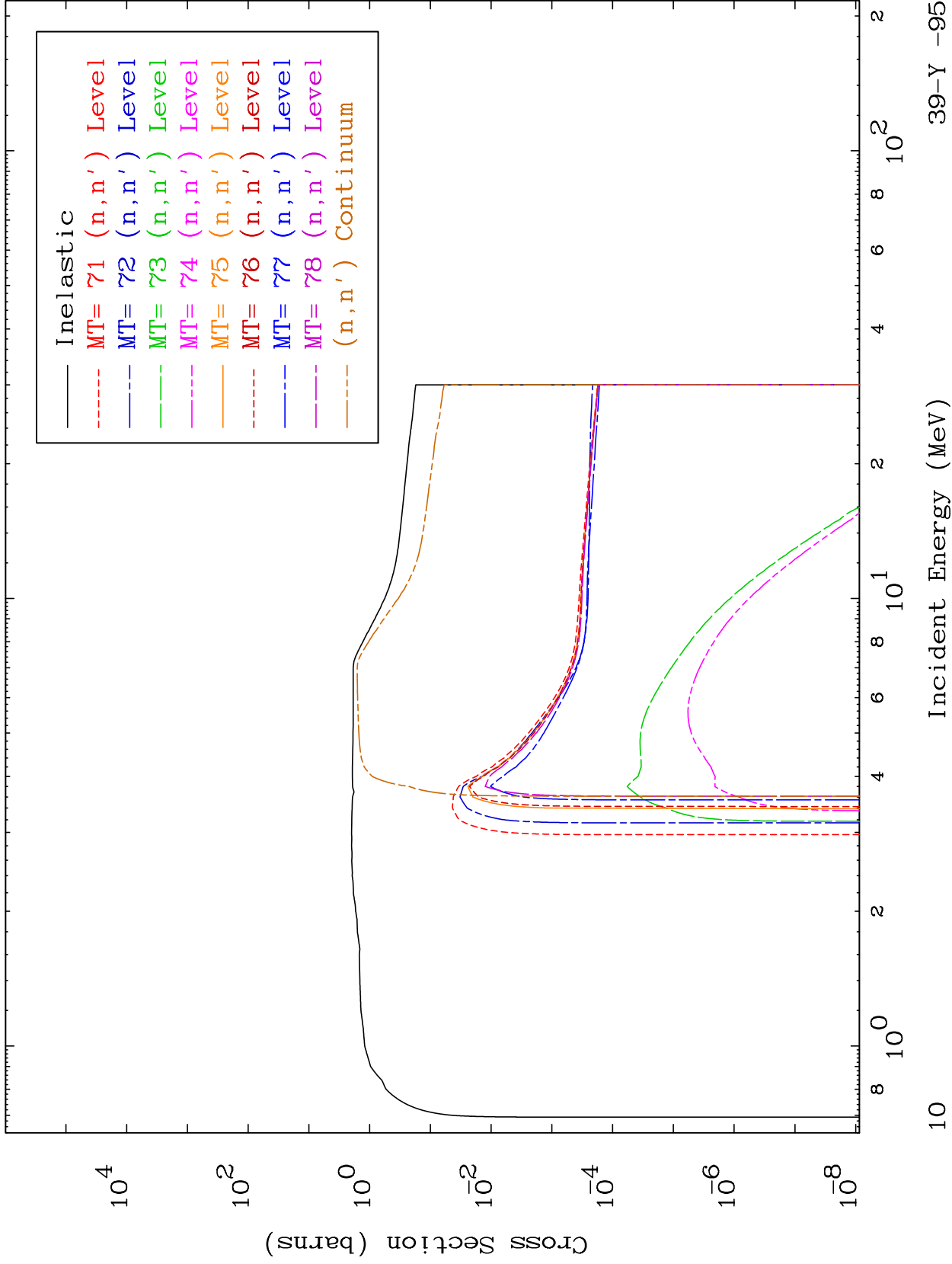


MAT 3943

(n,n') Levels

39-Y -95

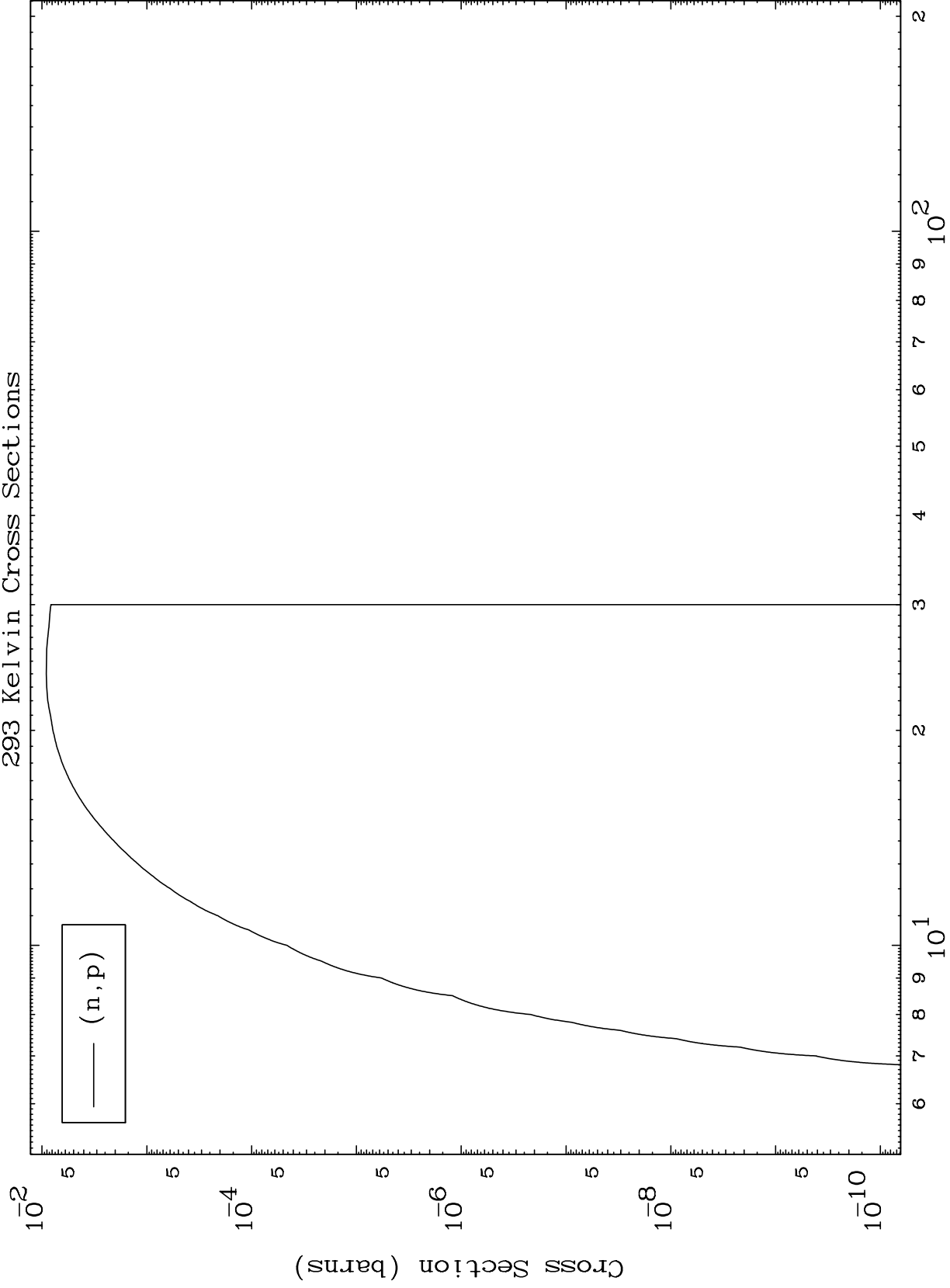
293 Kelvin Cross Sections



MAT 3943

(n,p) Levels  
293 Kelvin Cross Sections

39-Y -95



11

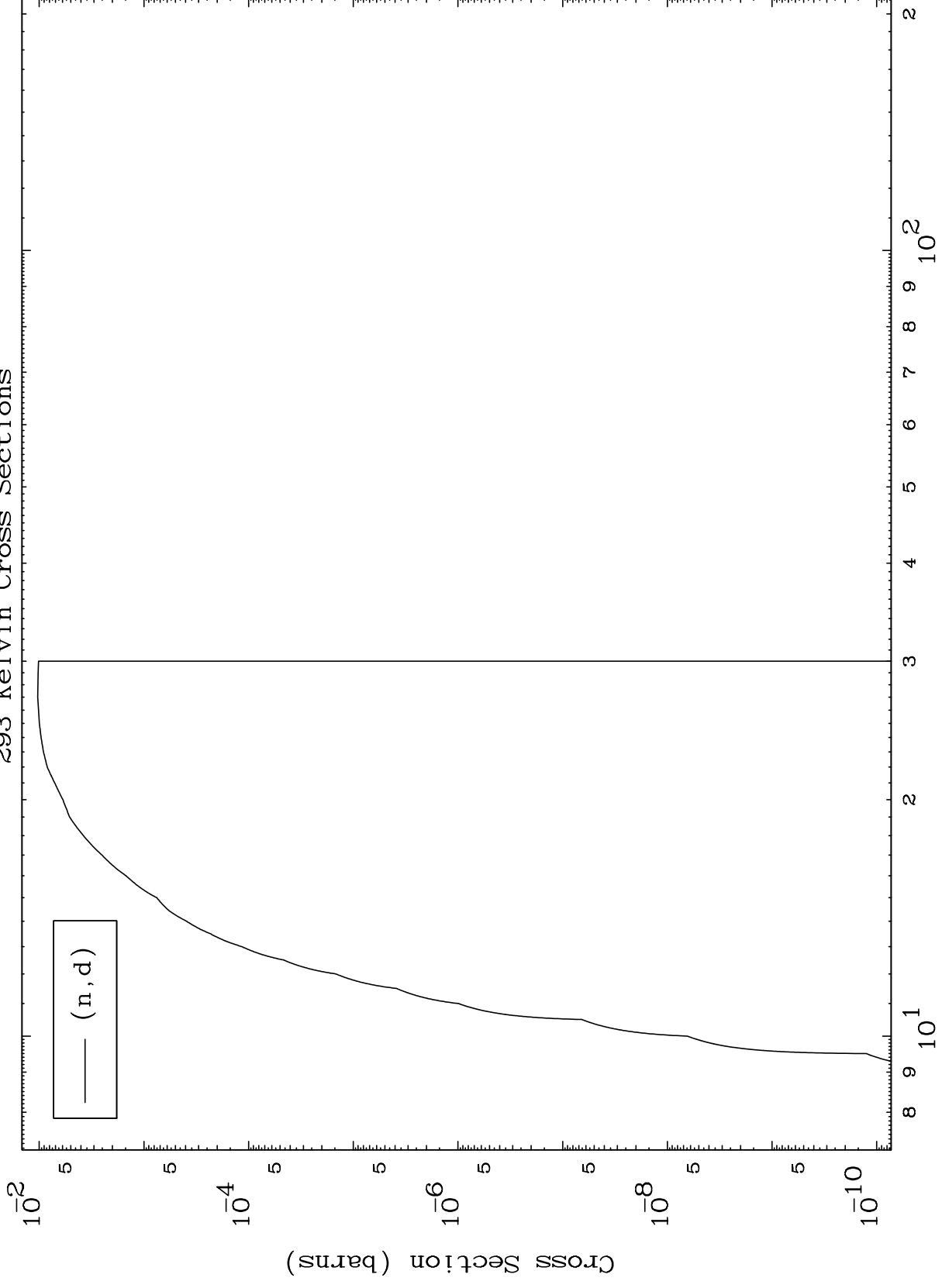
Incident Energy (MeV)

39-Y -95

MAT 3943

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -95



12

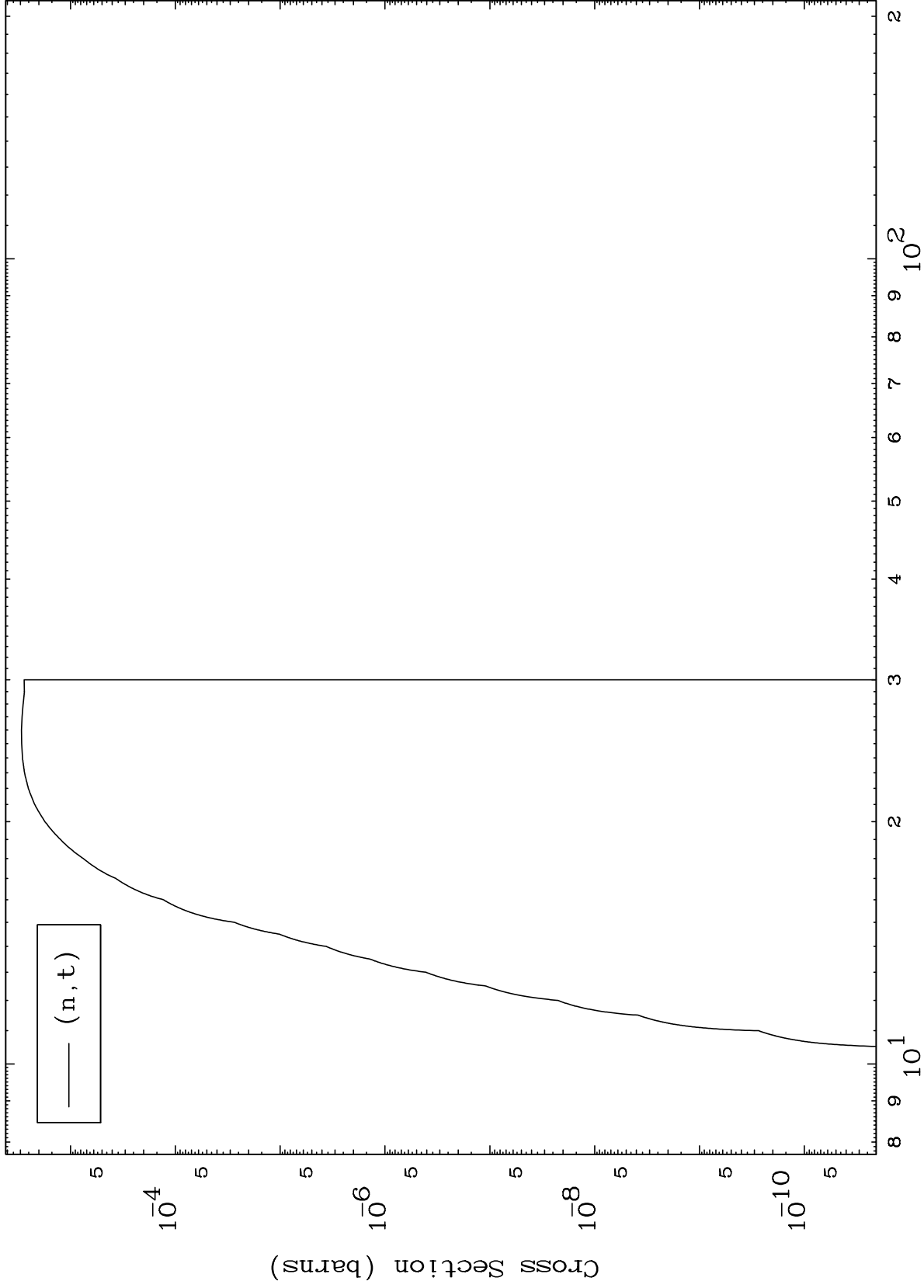
Incident Energy (MeV)

39-Y -95

MAT 3943

(n,t) Levels  
293 Kelvin Cross Sections

39-Y -95



13

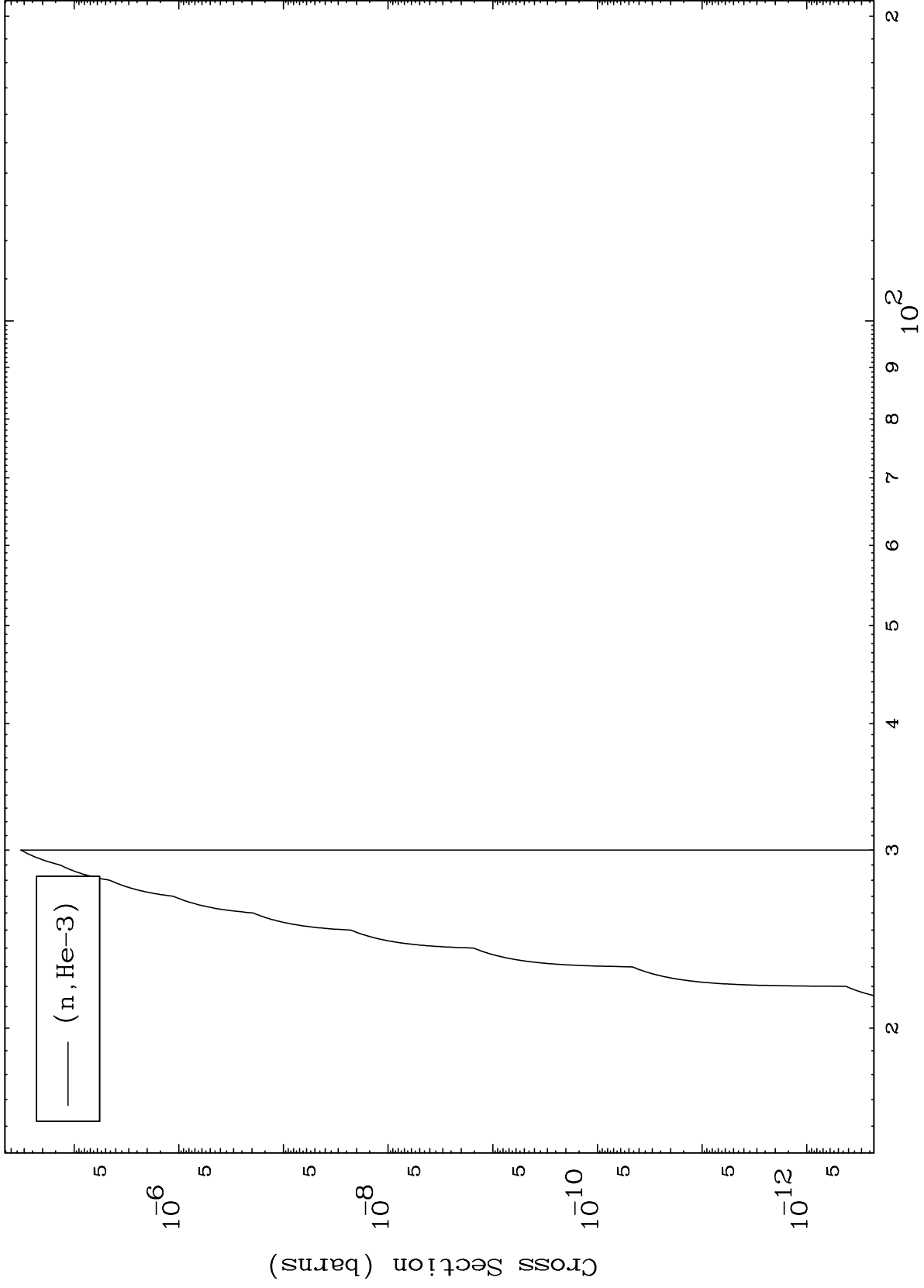
Incident Energy (MeV)

39-Y -95

MAT 3943

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -95



14

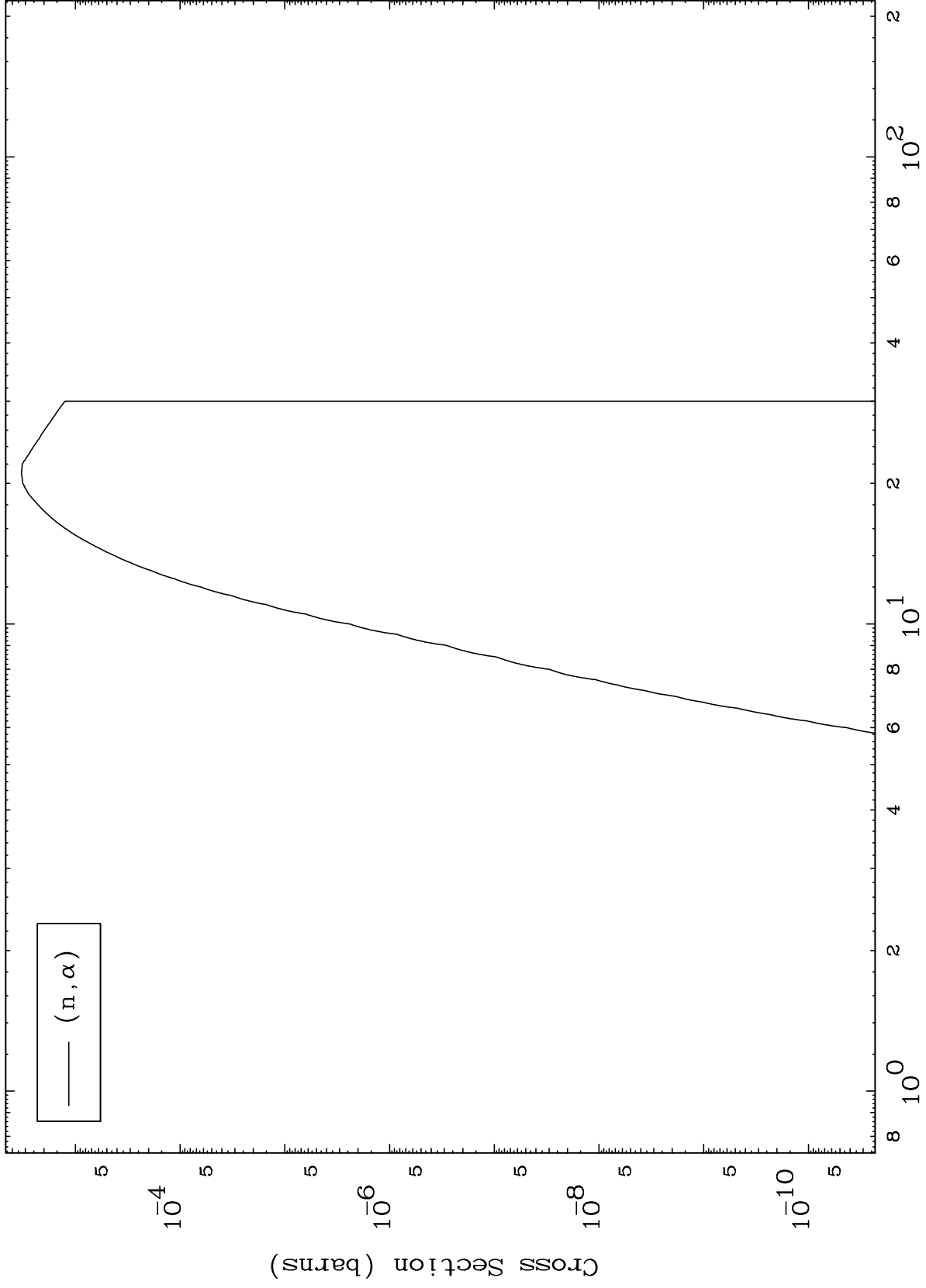
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



15

Incident Energy (MeV)

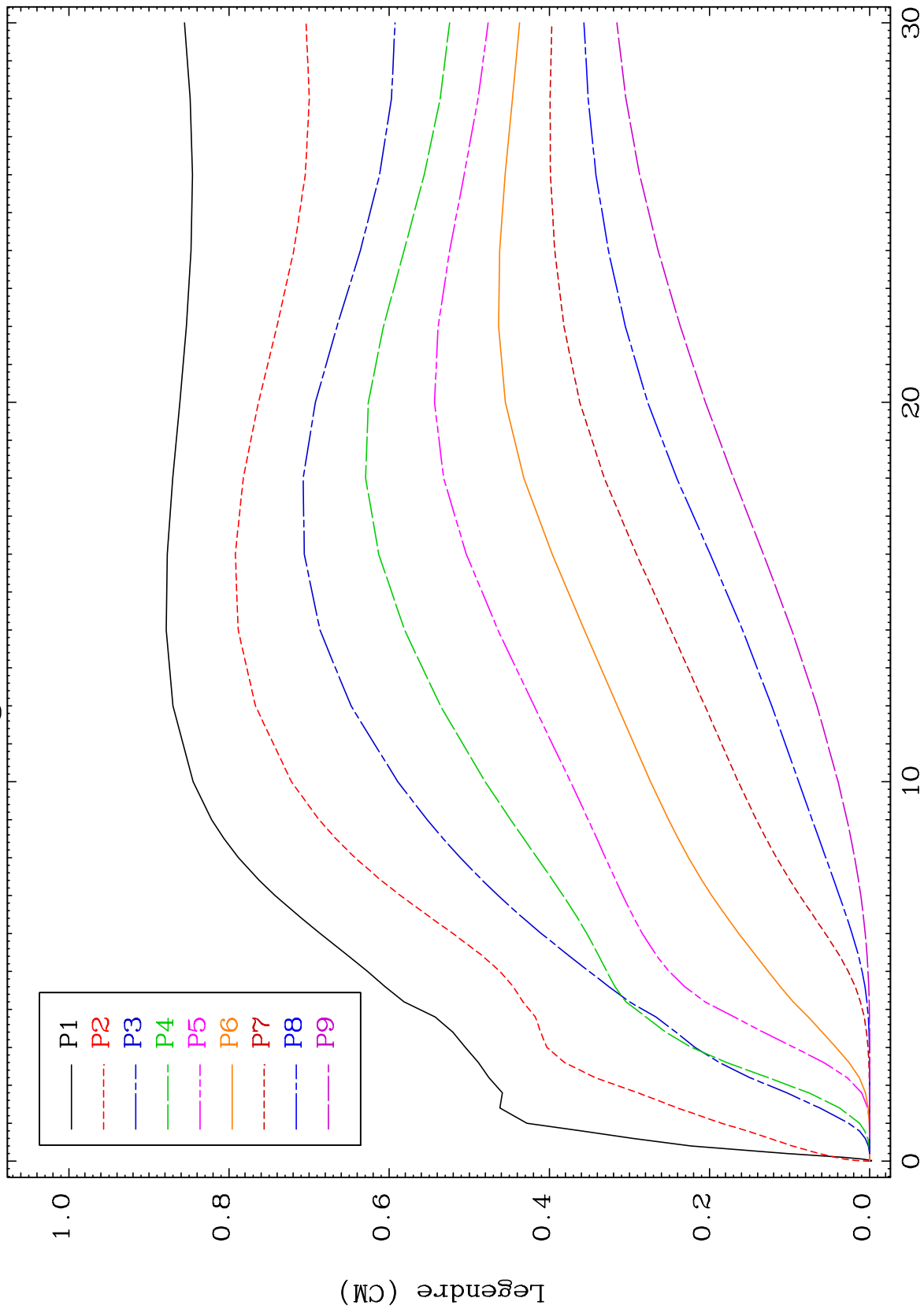
39-Y -95



MAT 3943

Elastic Legendre Coefficients

39-Y -95



16

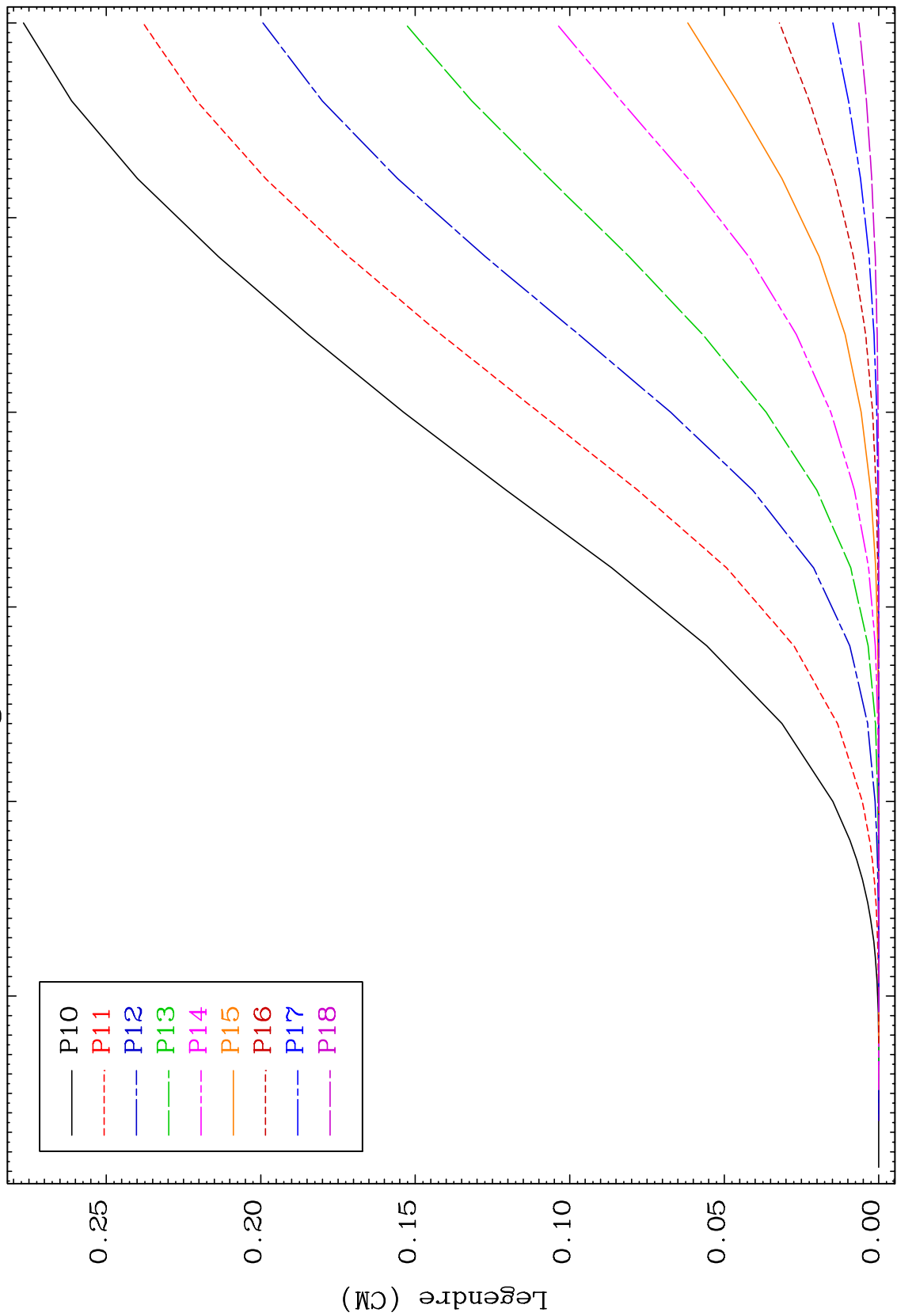
Incident Energy (MeV)

39-Y -95

MAT 3943

Elastic Legendre Coefficients

39-Y -95



17

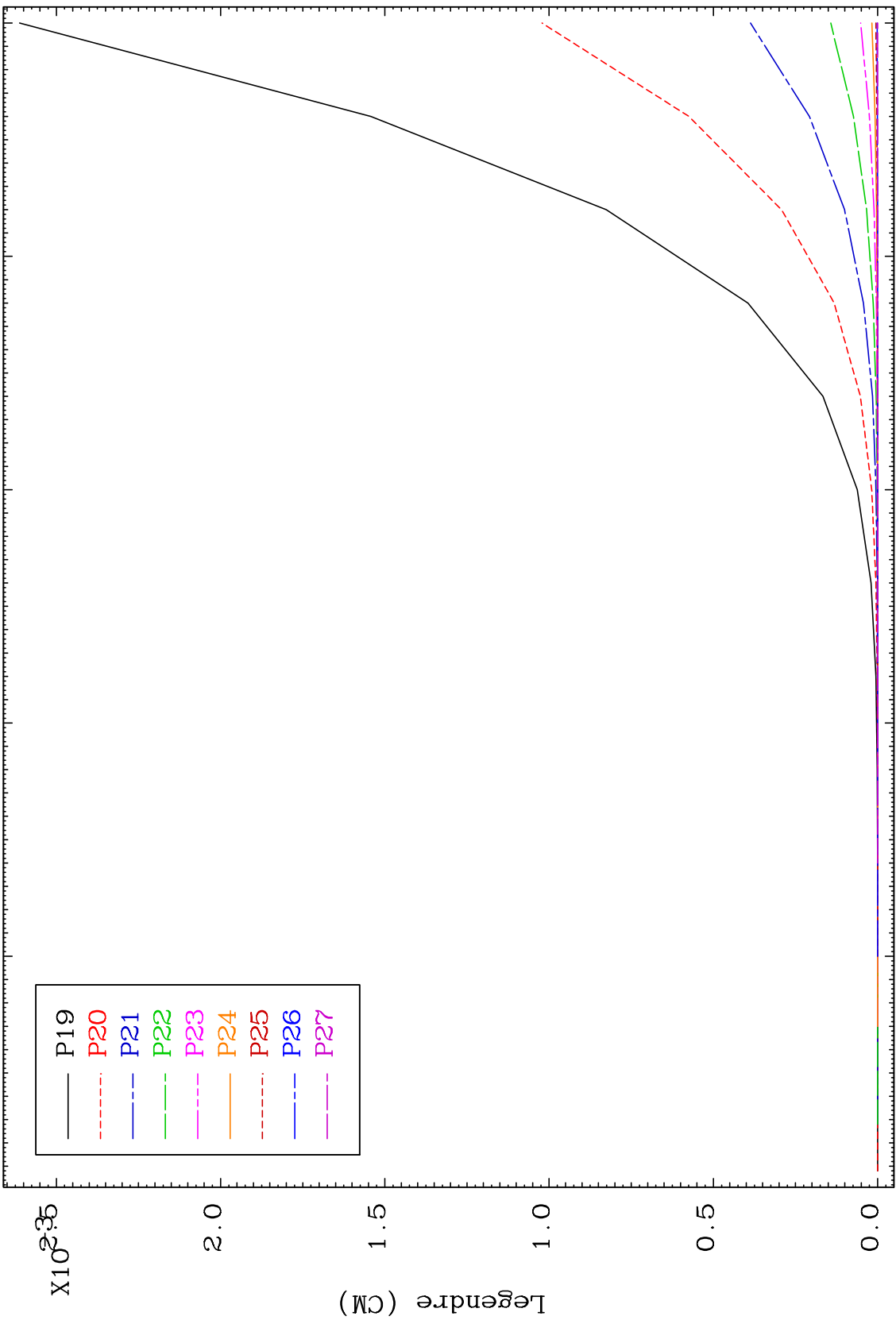
Incident Energy (MeV)

39-Y -95

MAT 3943

Elastic Legendre Coefficients

39-Y -95



18

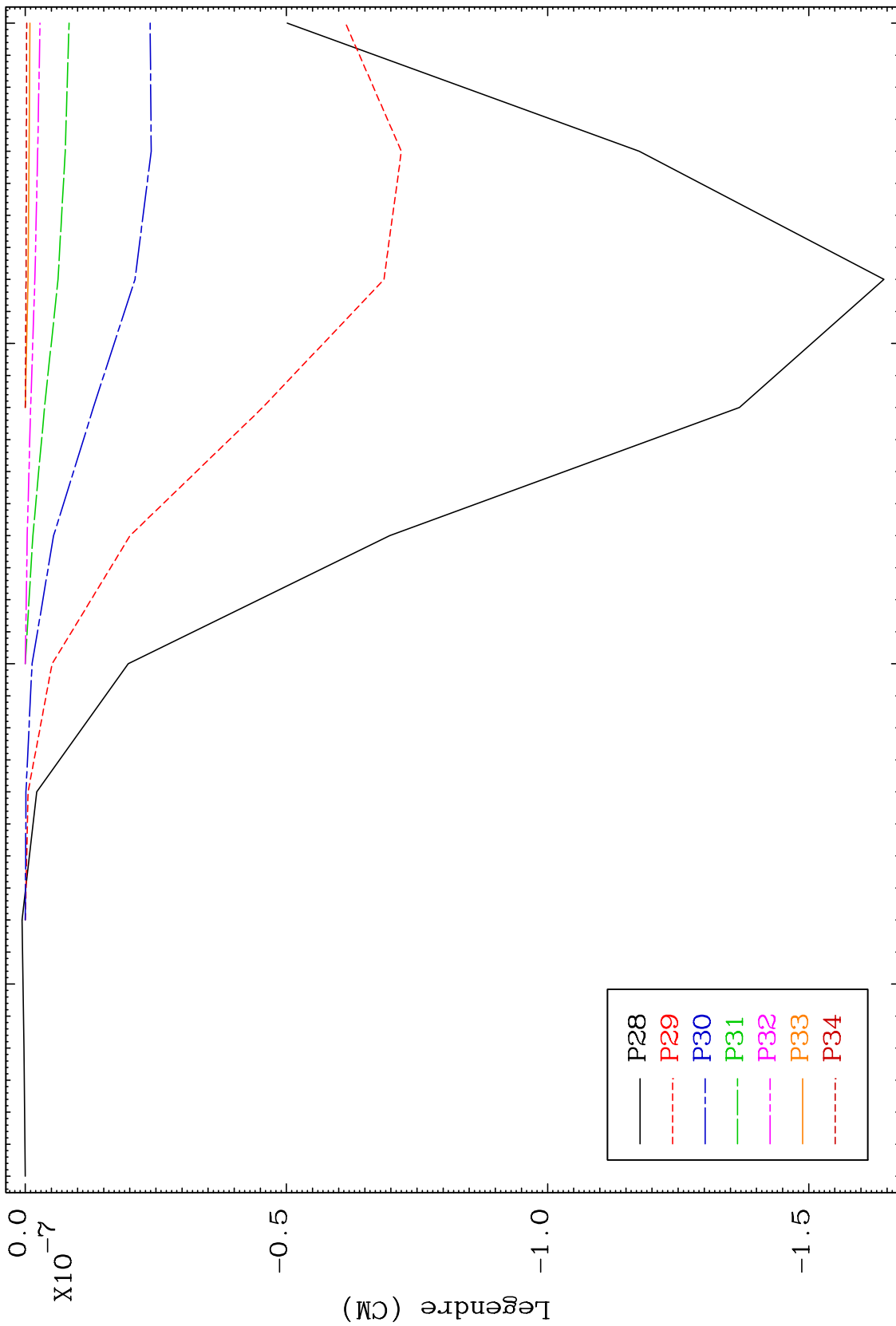
Incident Energy (MeV)

39-Y -95

MAT 3943

Elastic Legendre Coefficients

39-Y -95

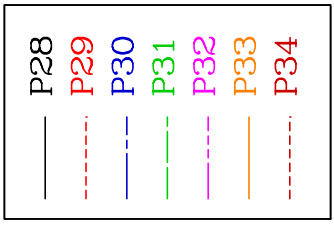


Legendre (CM)  
X10<sup>-7</sup>

Incident Energy (MeV)

39-Y -95

19

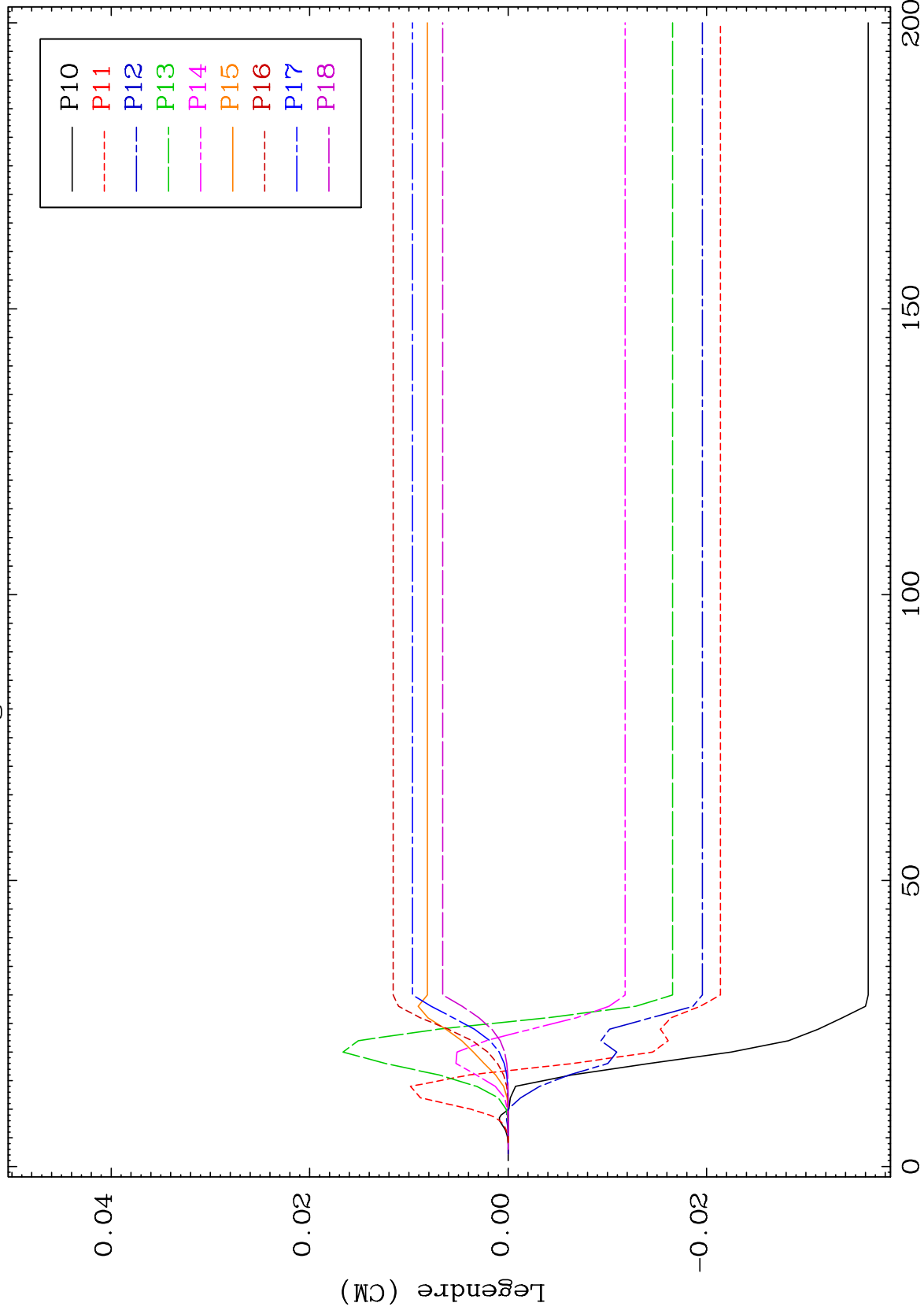




MAT 3943

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

39-Y -95



21

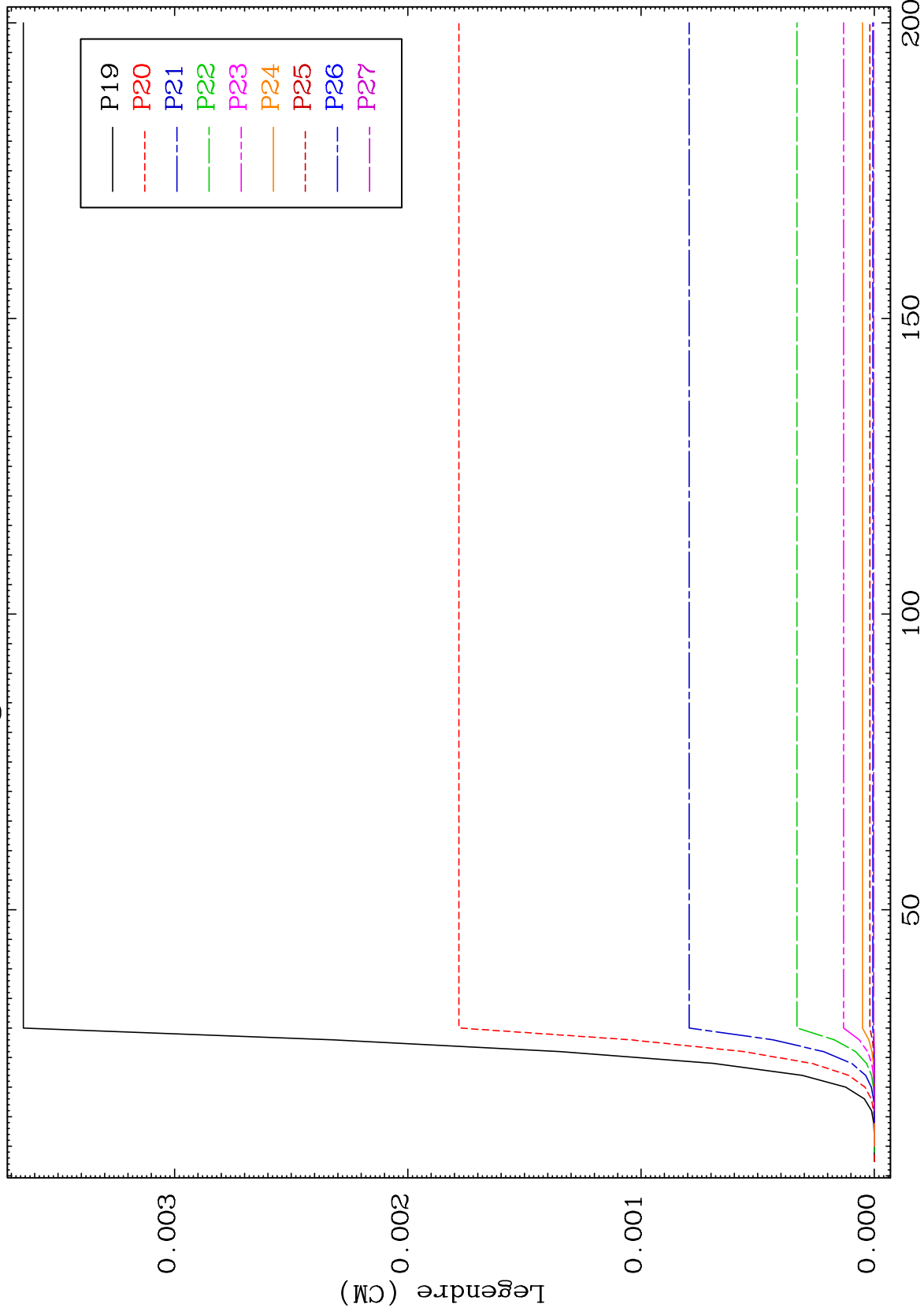
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



22

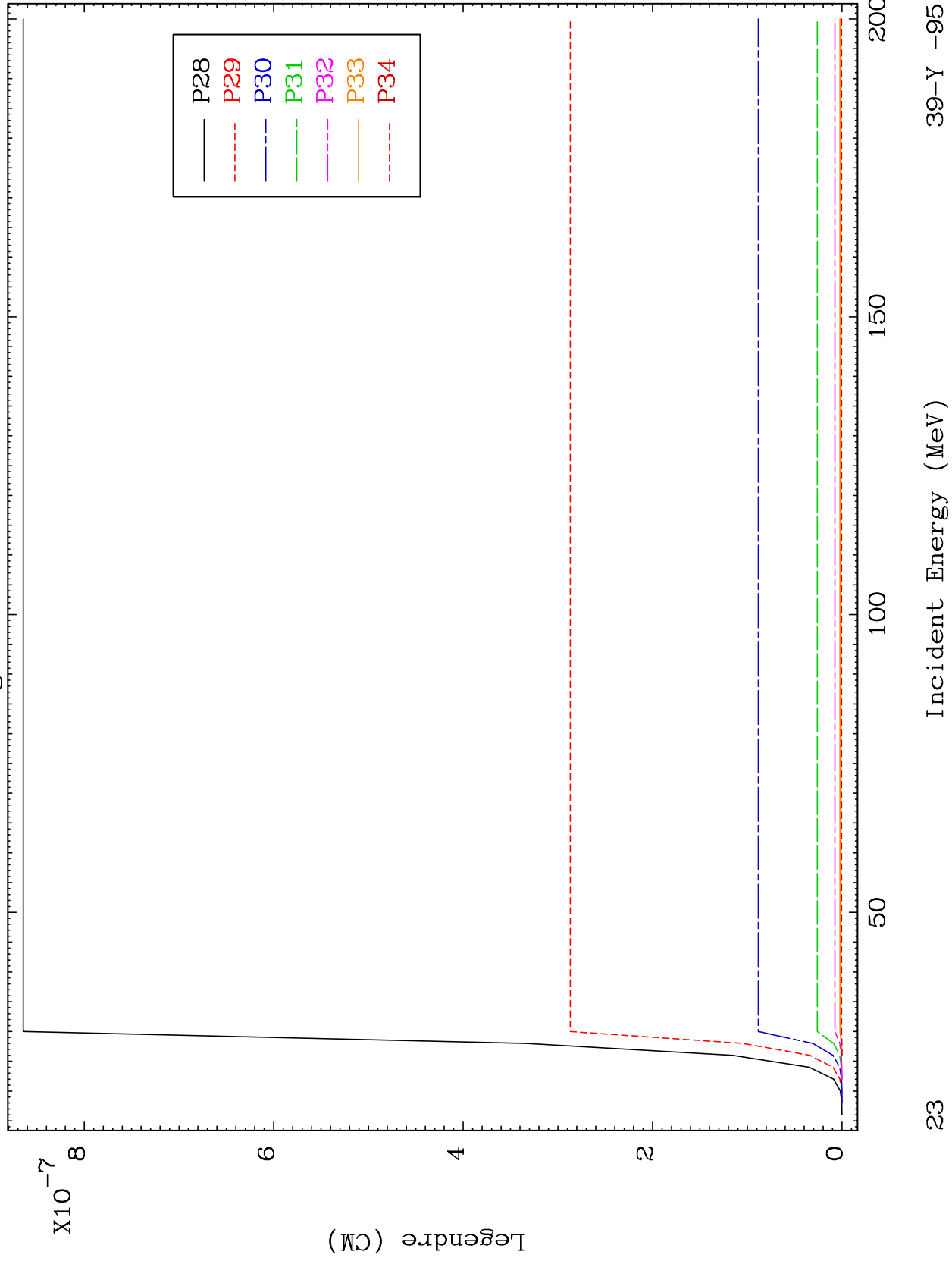
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95

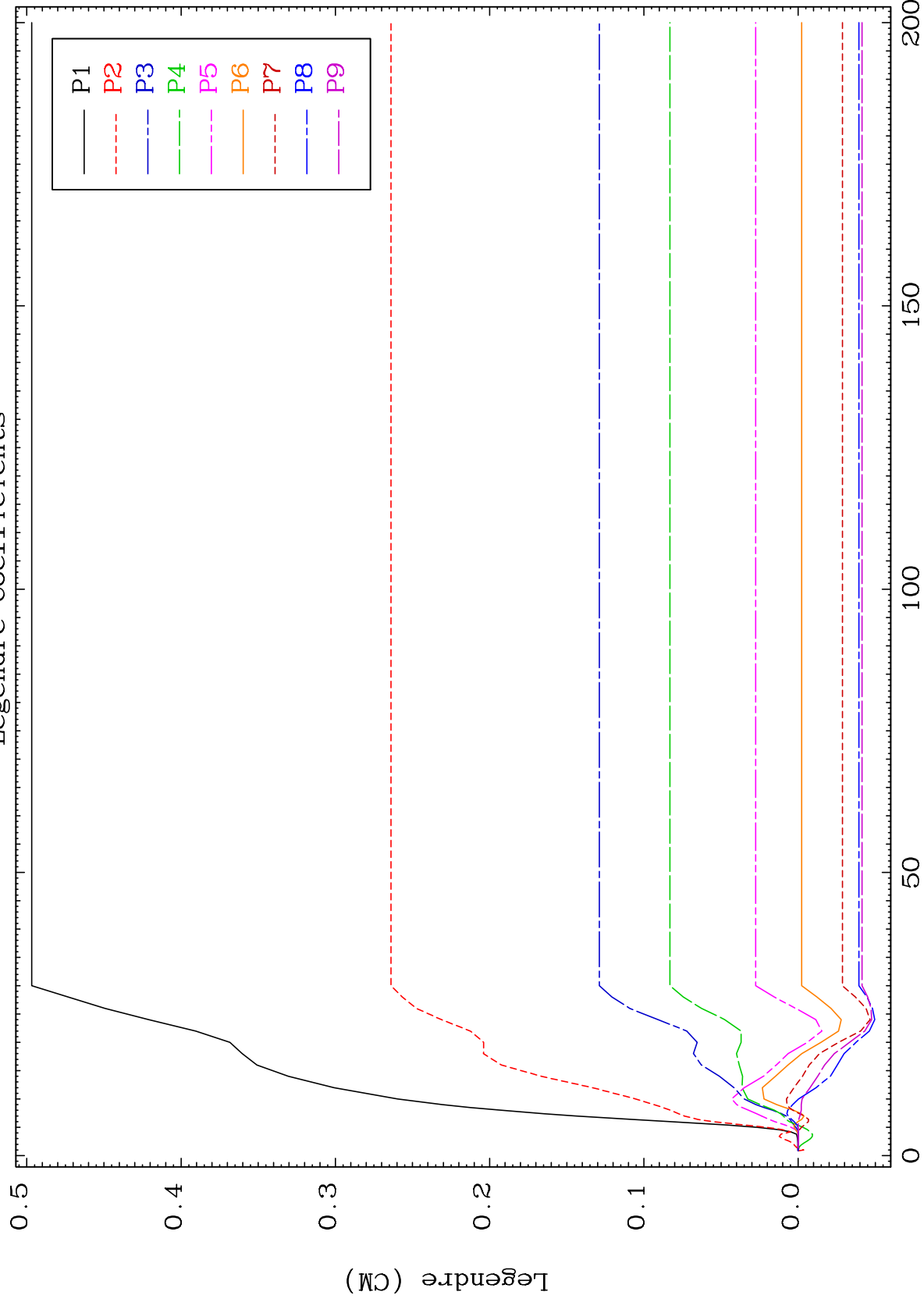




MAT 3943

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

39-Y -95



24

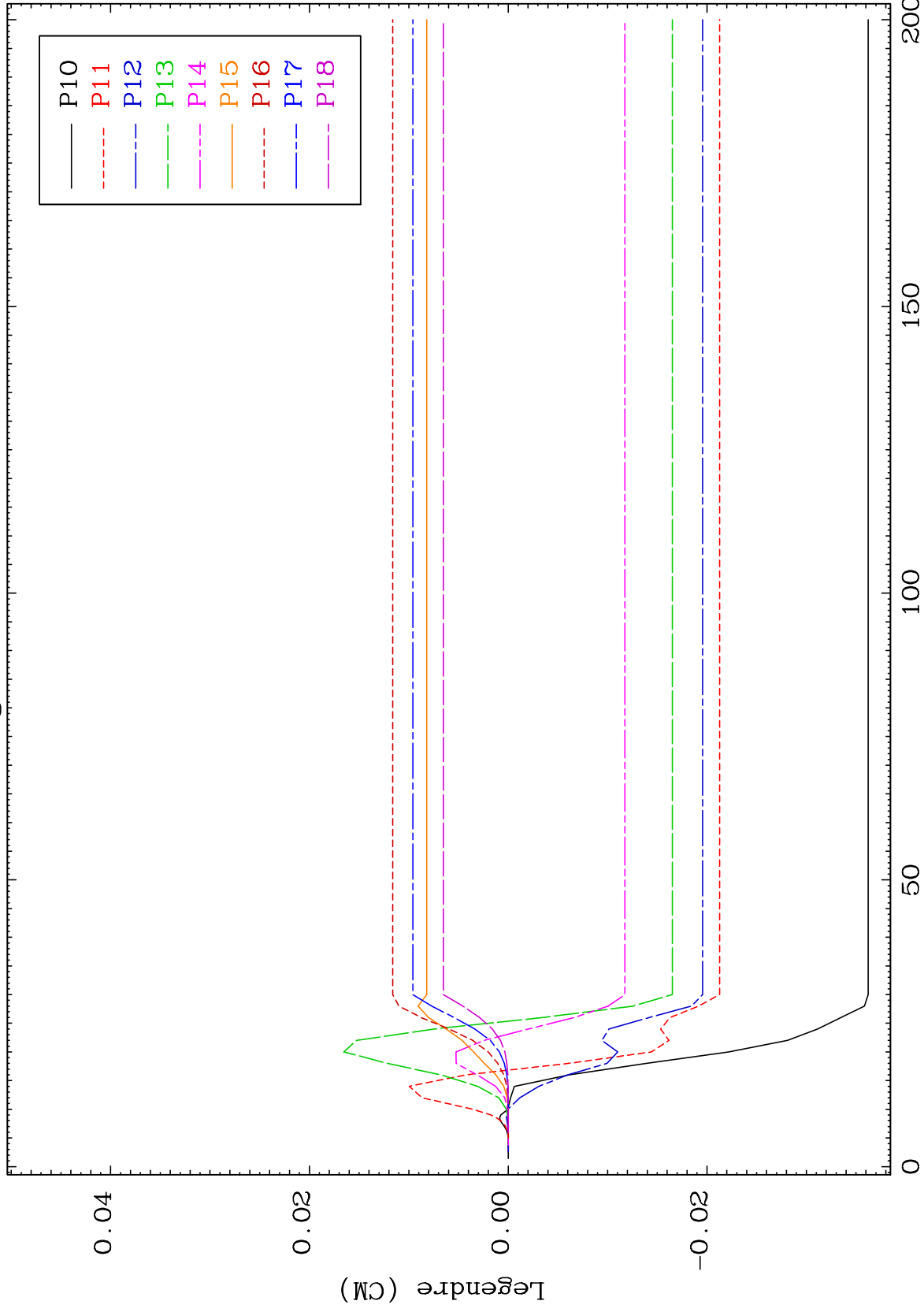
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



Incident Energy (MeV)

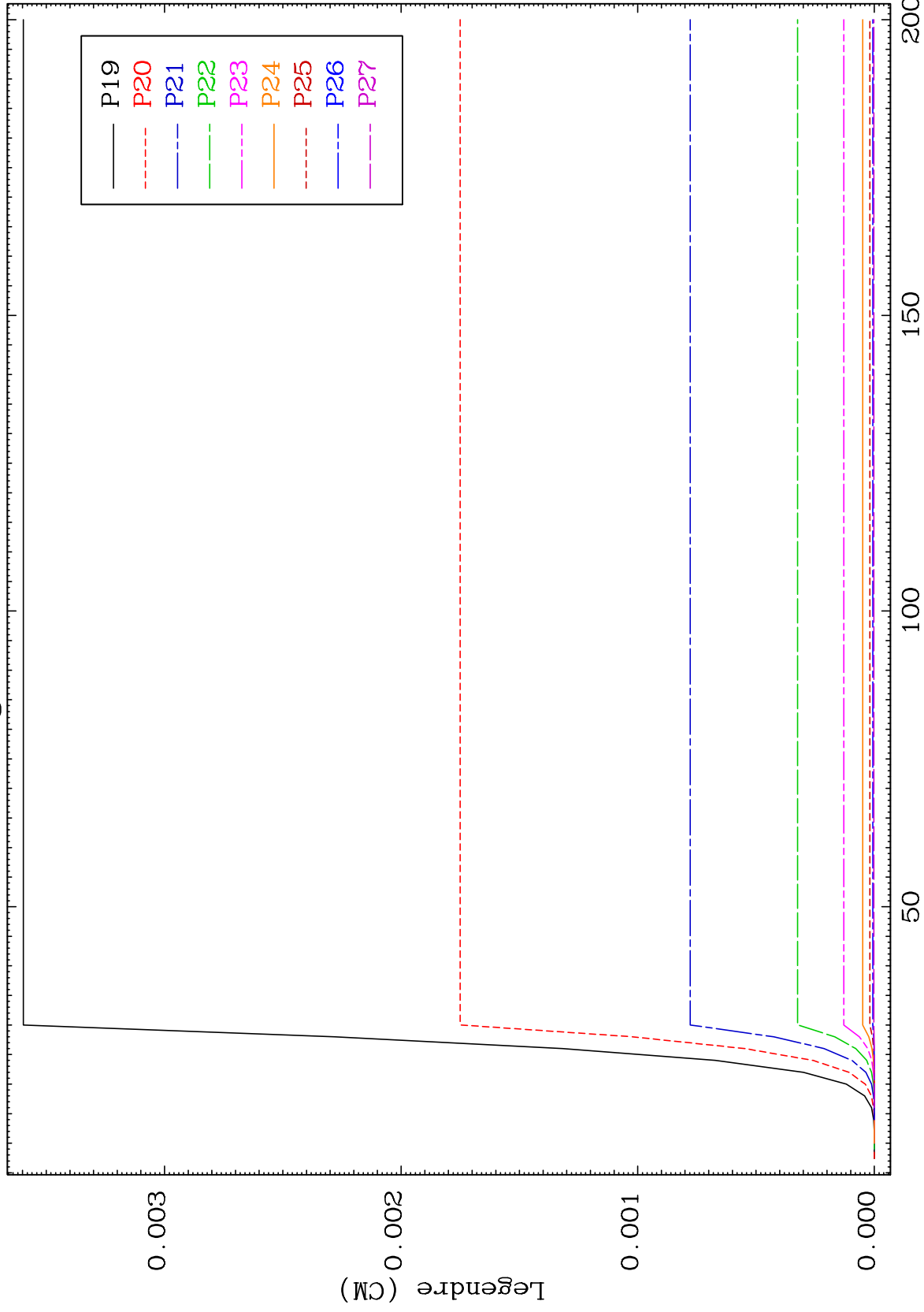
39-Y -95

25

MAT 3943

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

39-Y -95



26

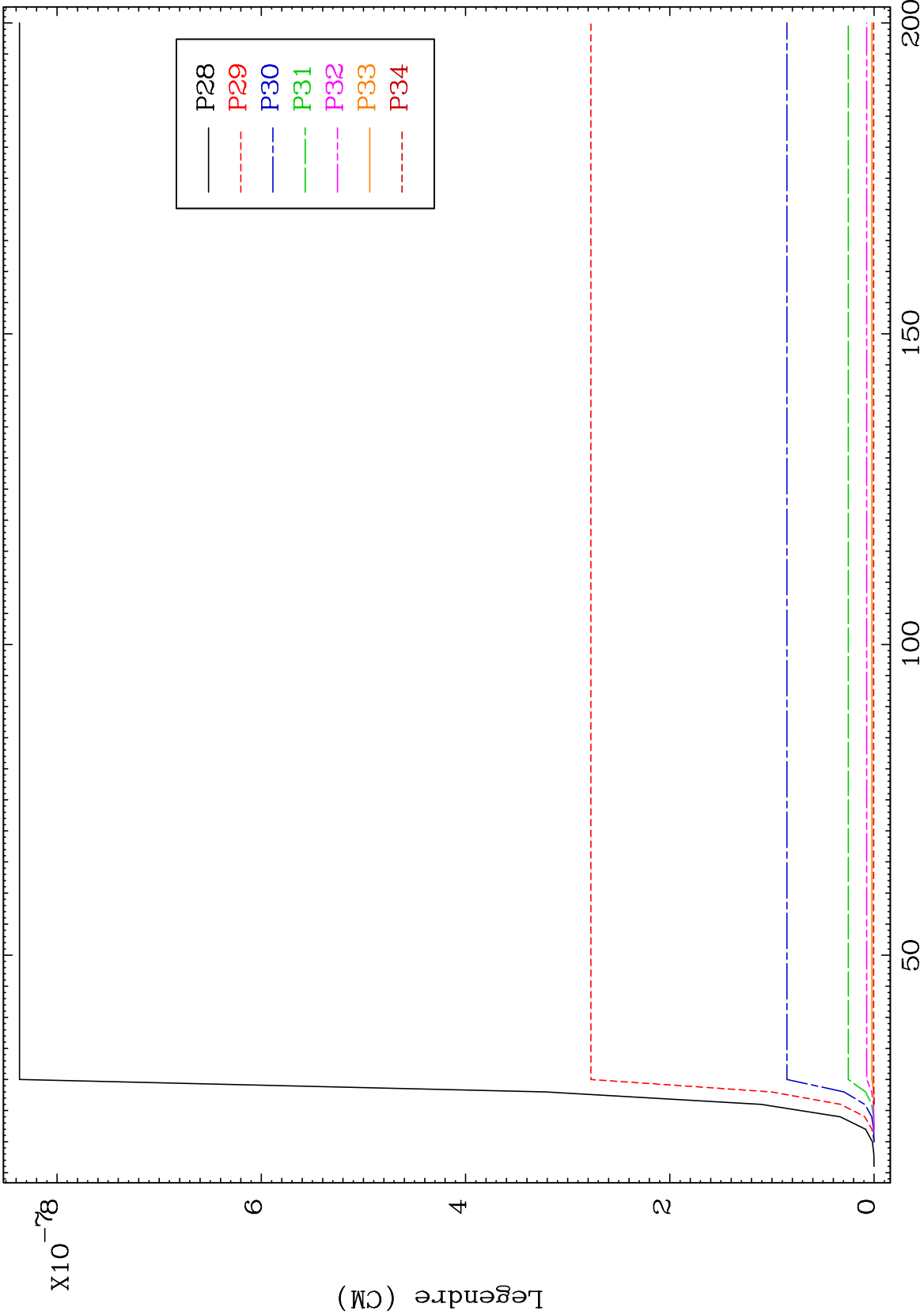
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



27

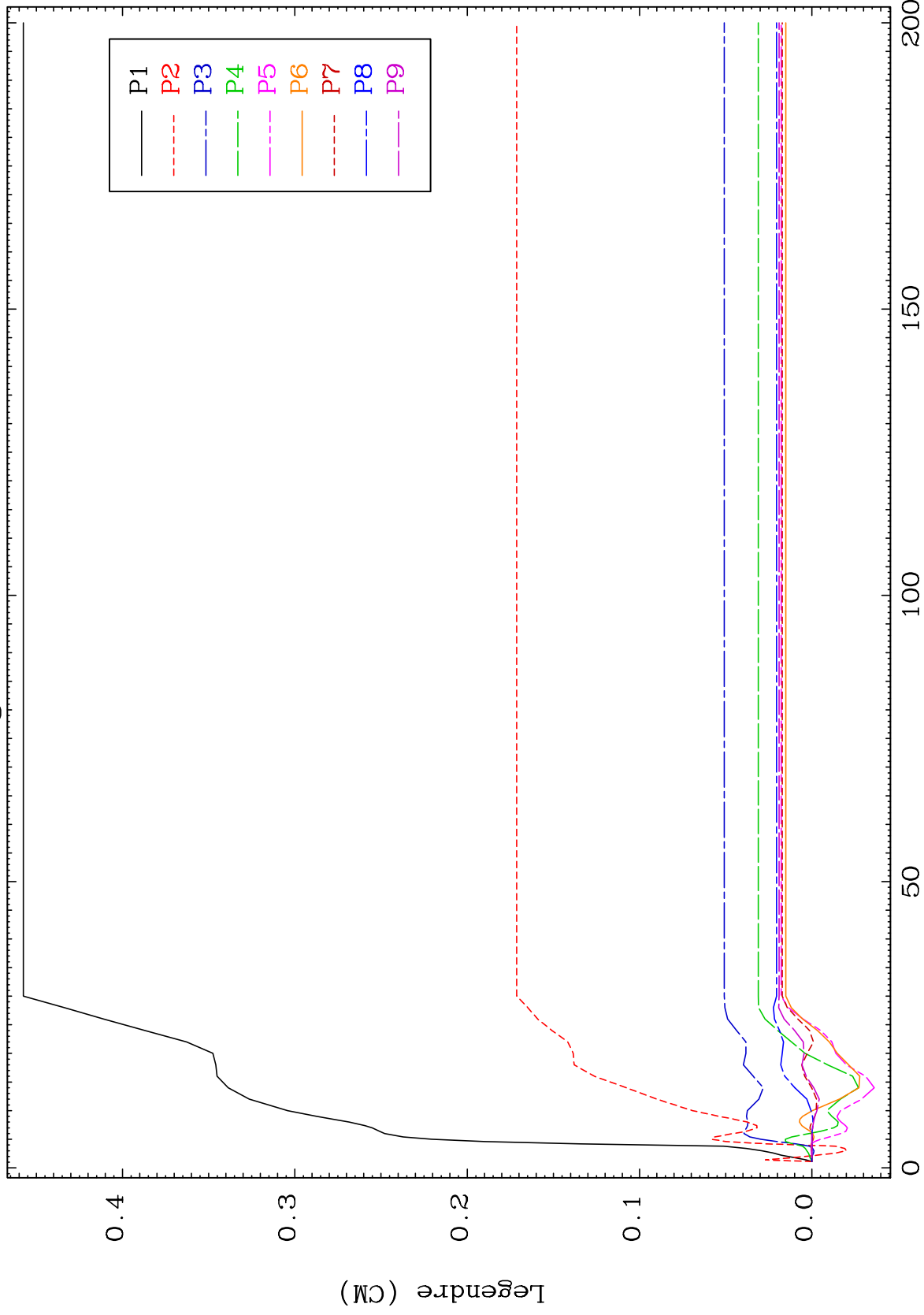
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



39-Y -95

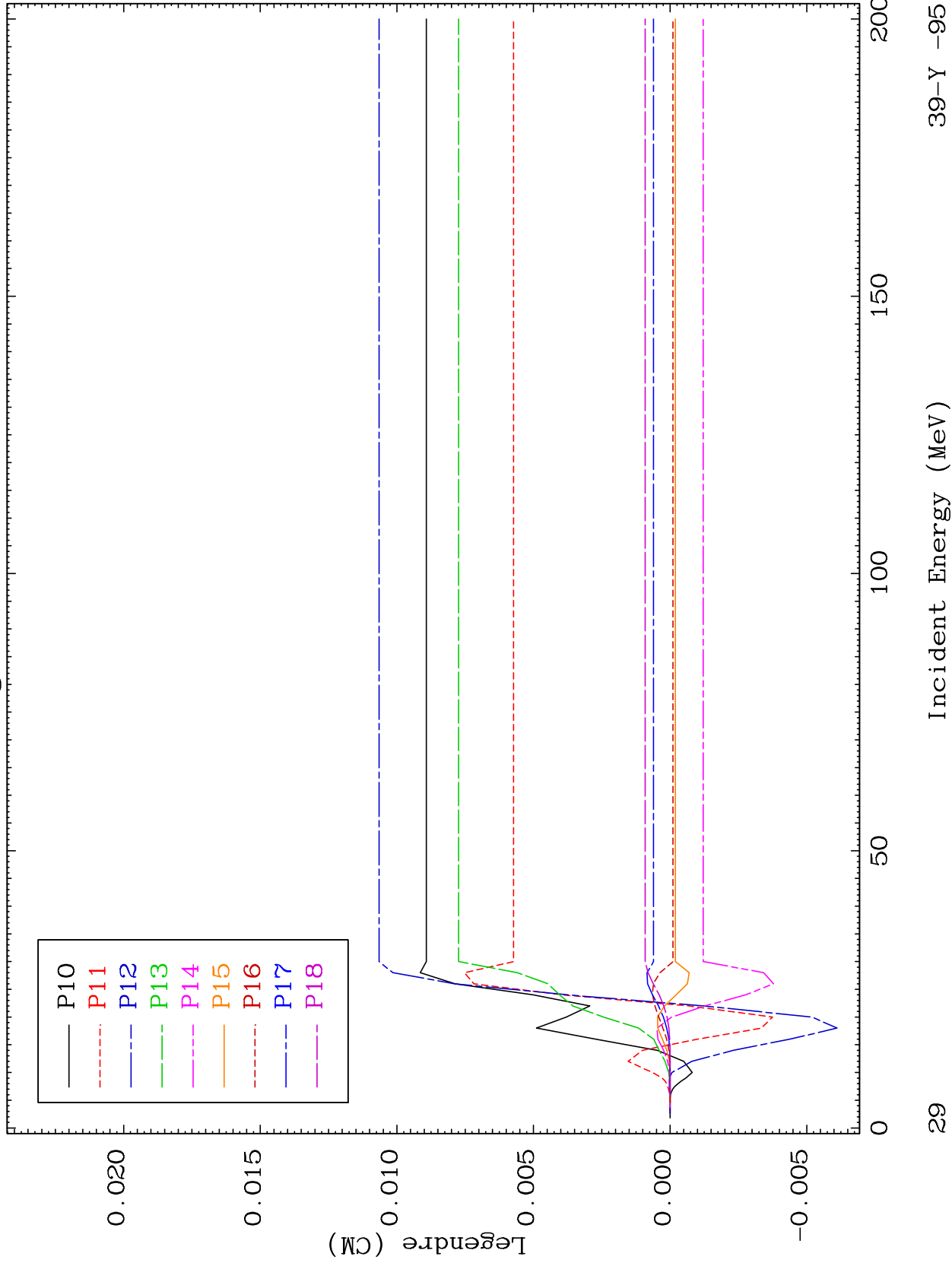
Incident Energy (MeV)

28

MAT 3943

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

39-Y -95



29

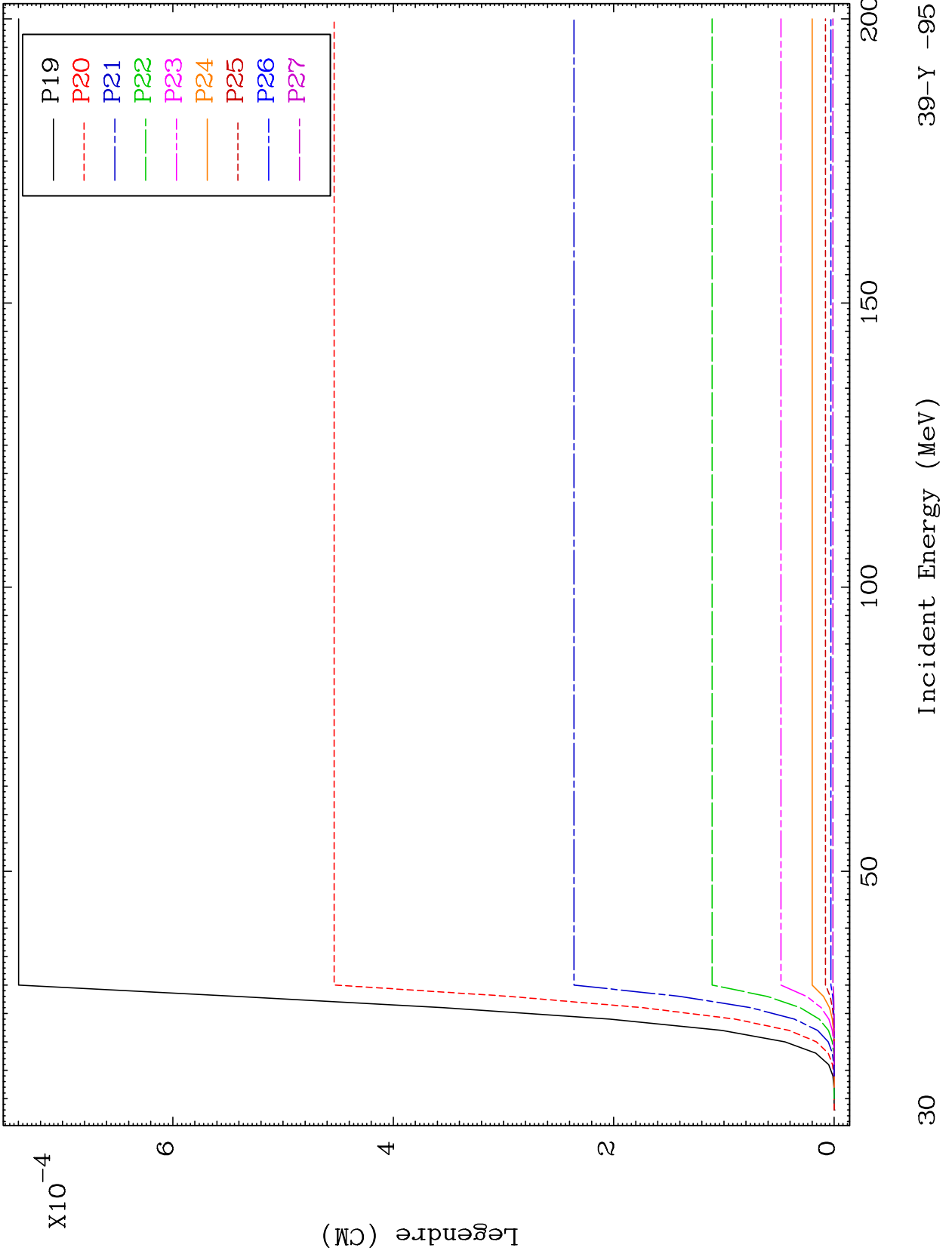
Incident Energy (MeV)

39-Y -95

MAT 3943

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

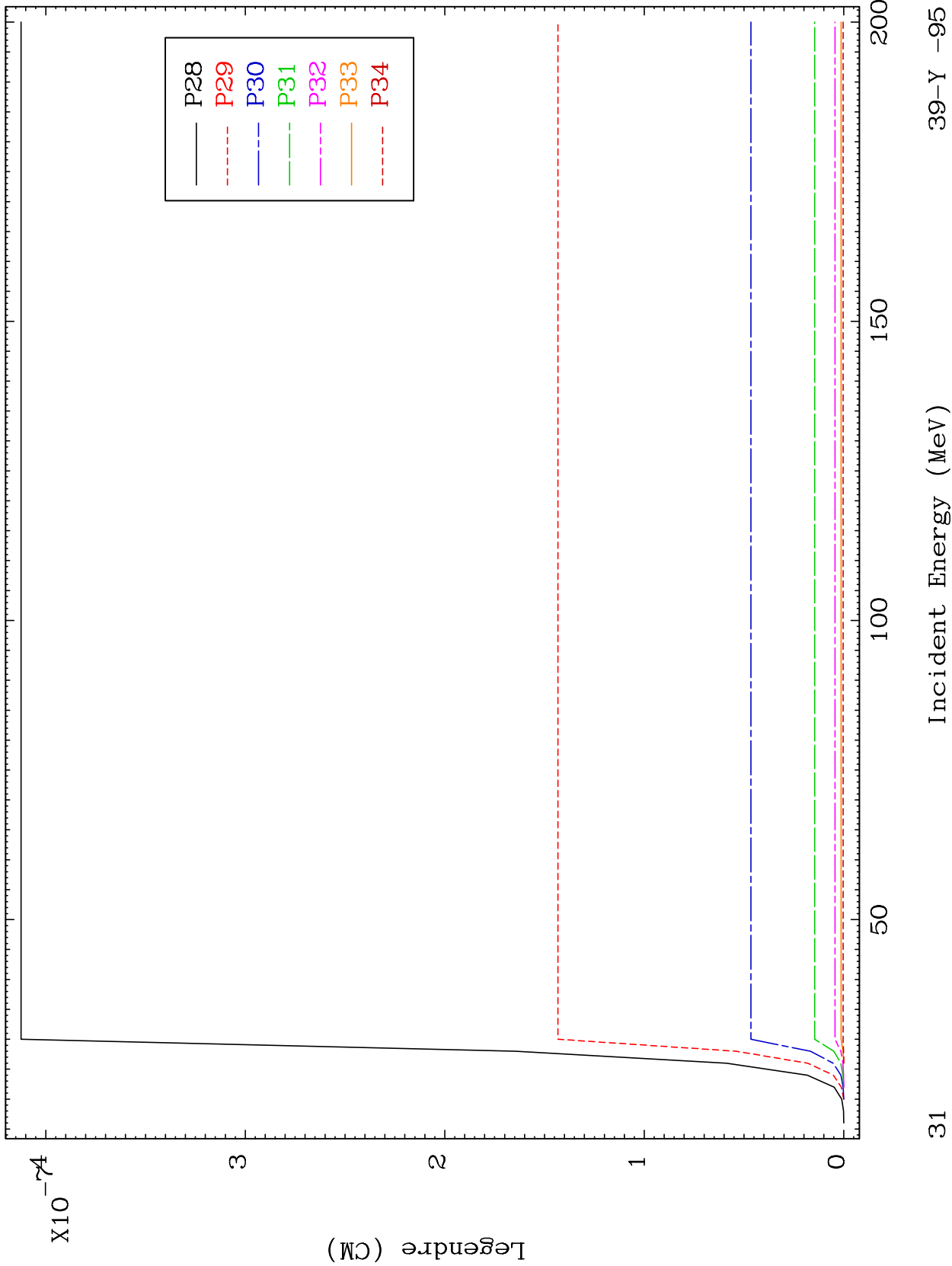
39-Y -95



MAT 3943

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

39-Y -95



31

Incident Energy (MeV)

39-Y -95

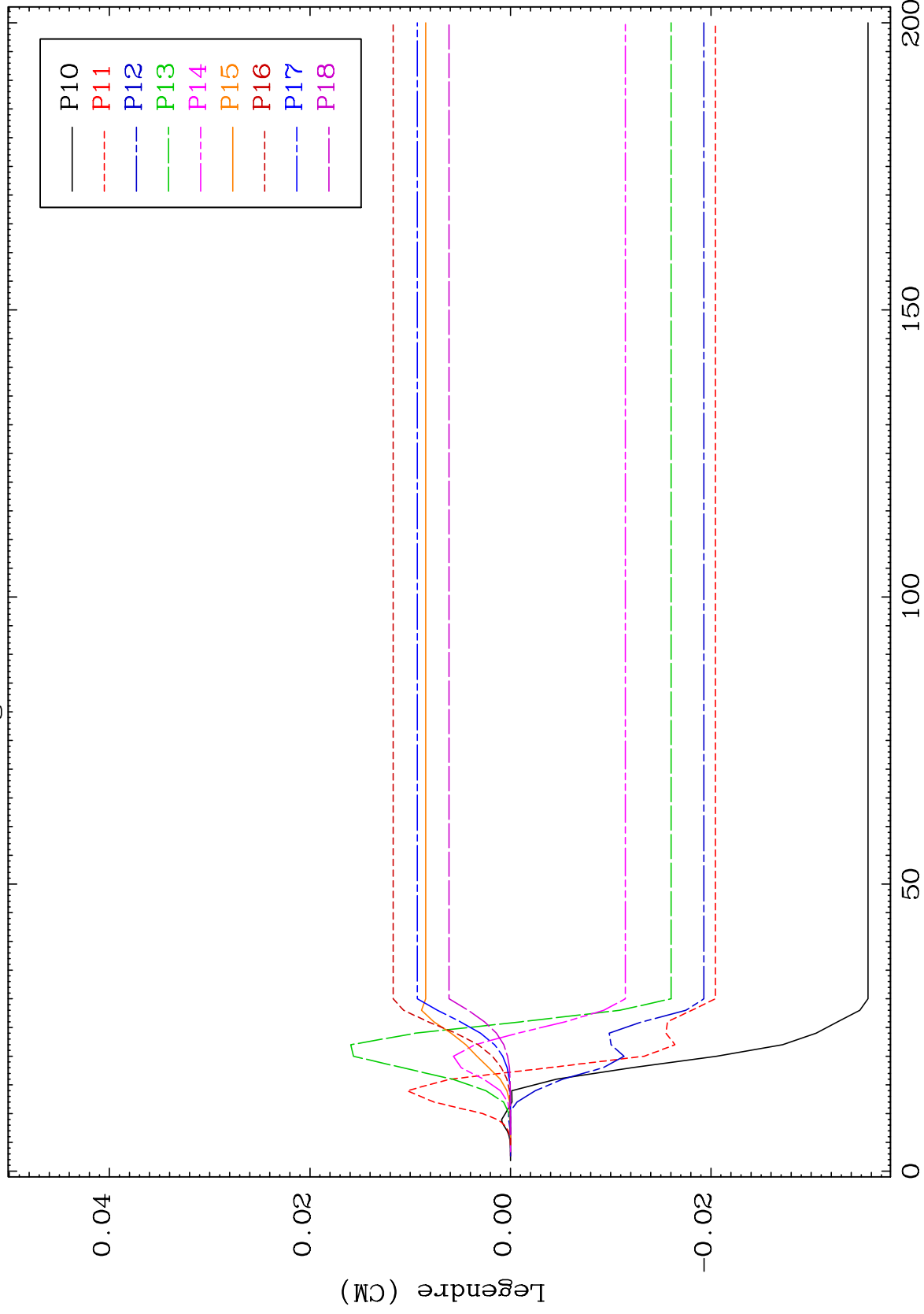




MAT 3943

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

39-Y -95



33

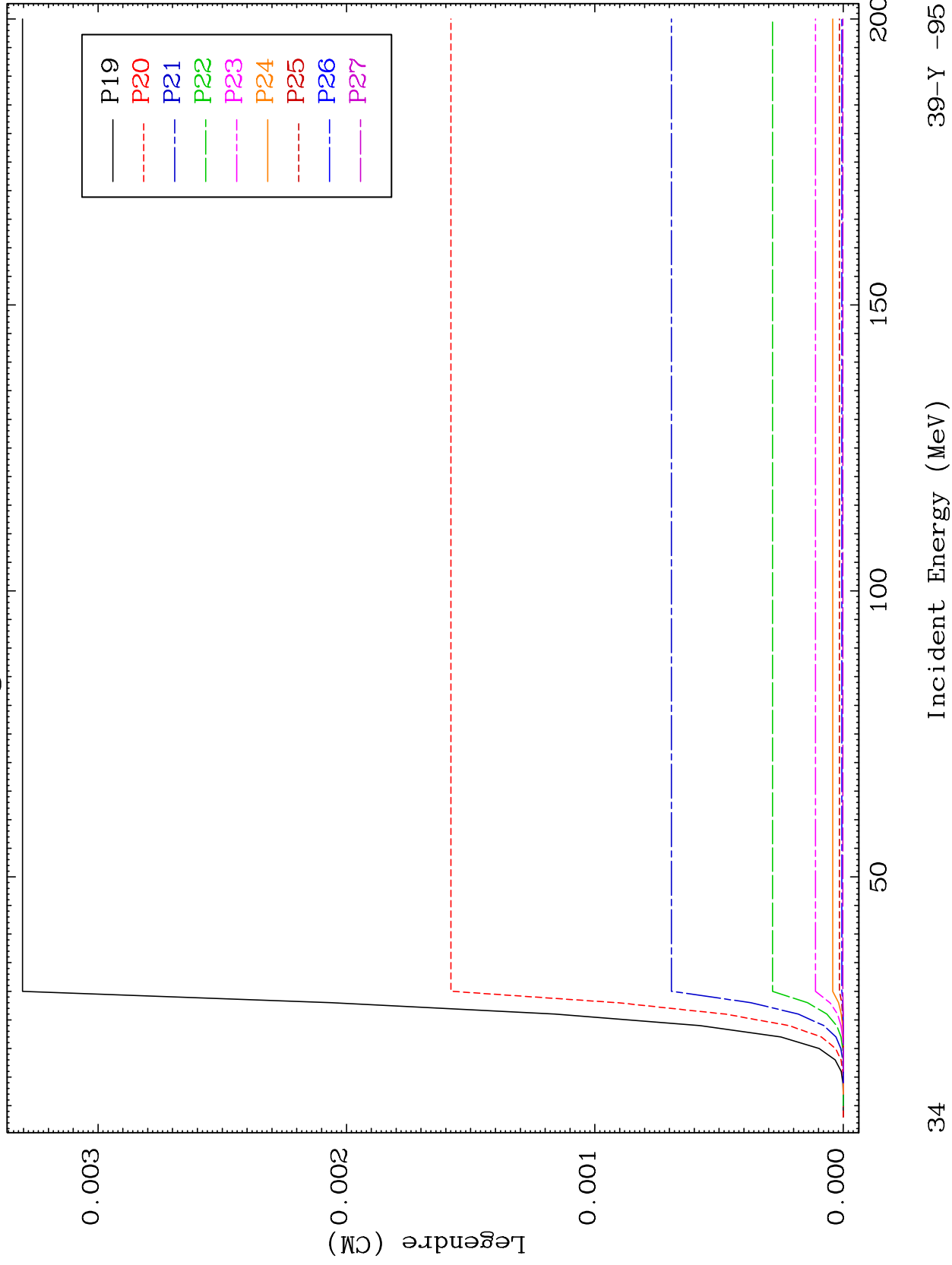
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



34

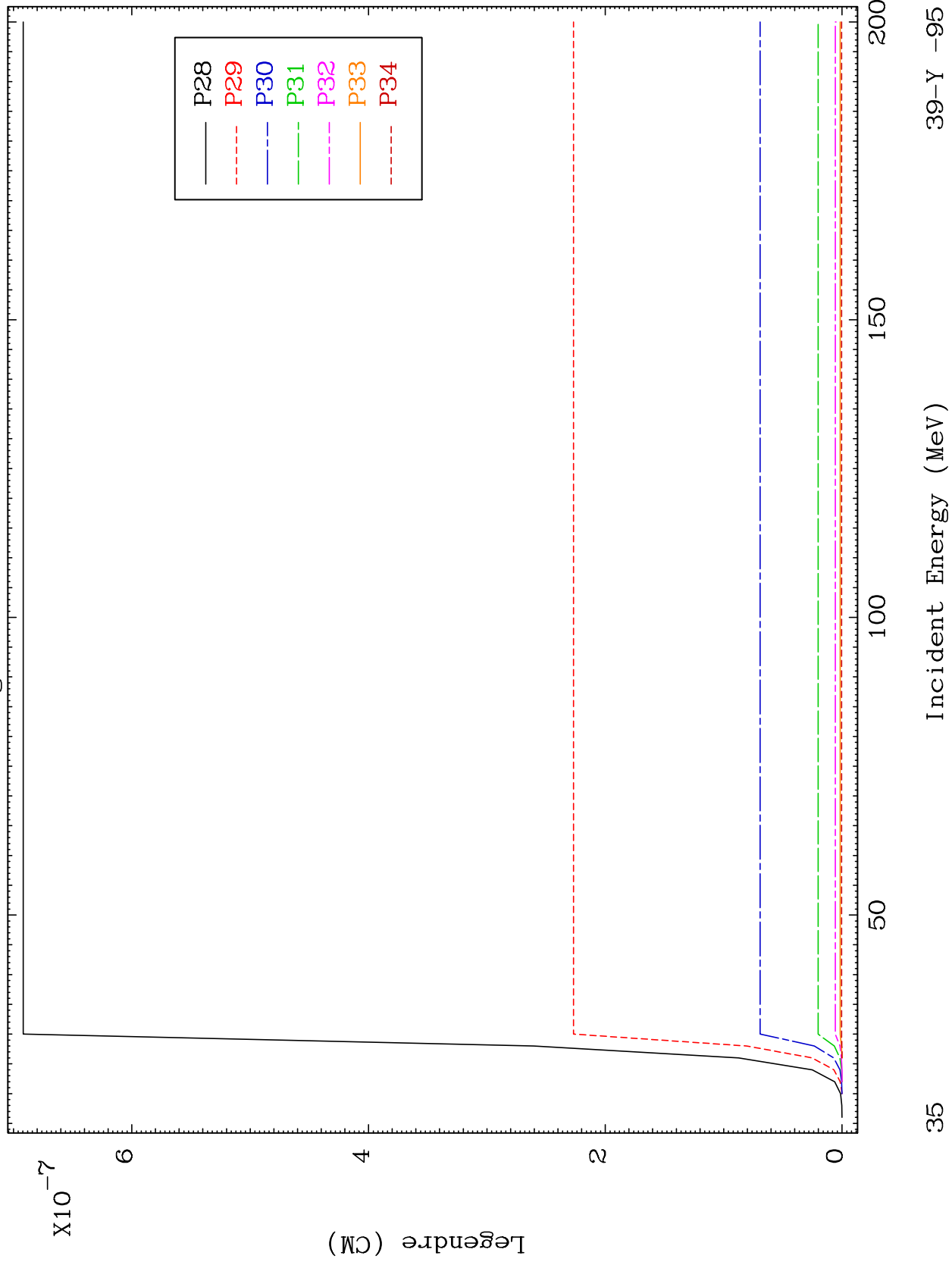
Incident Energy (MeV)

39-Y -95

MAT 3943

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

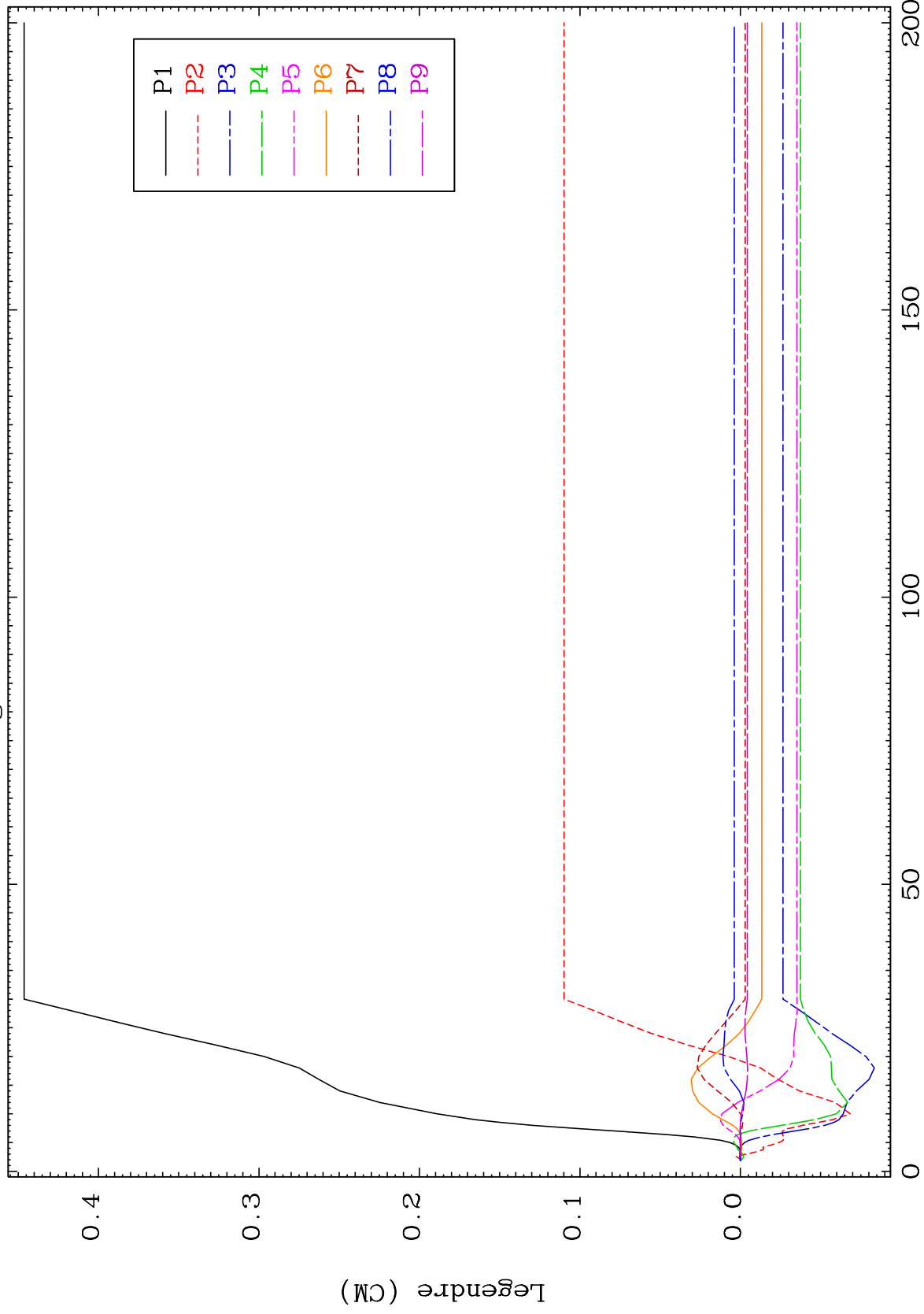
39-Y -95



MAT 3943

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

39-Y -95



36

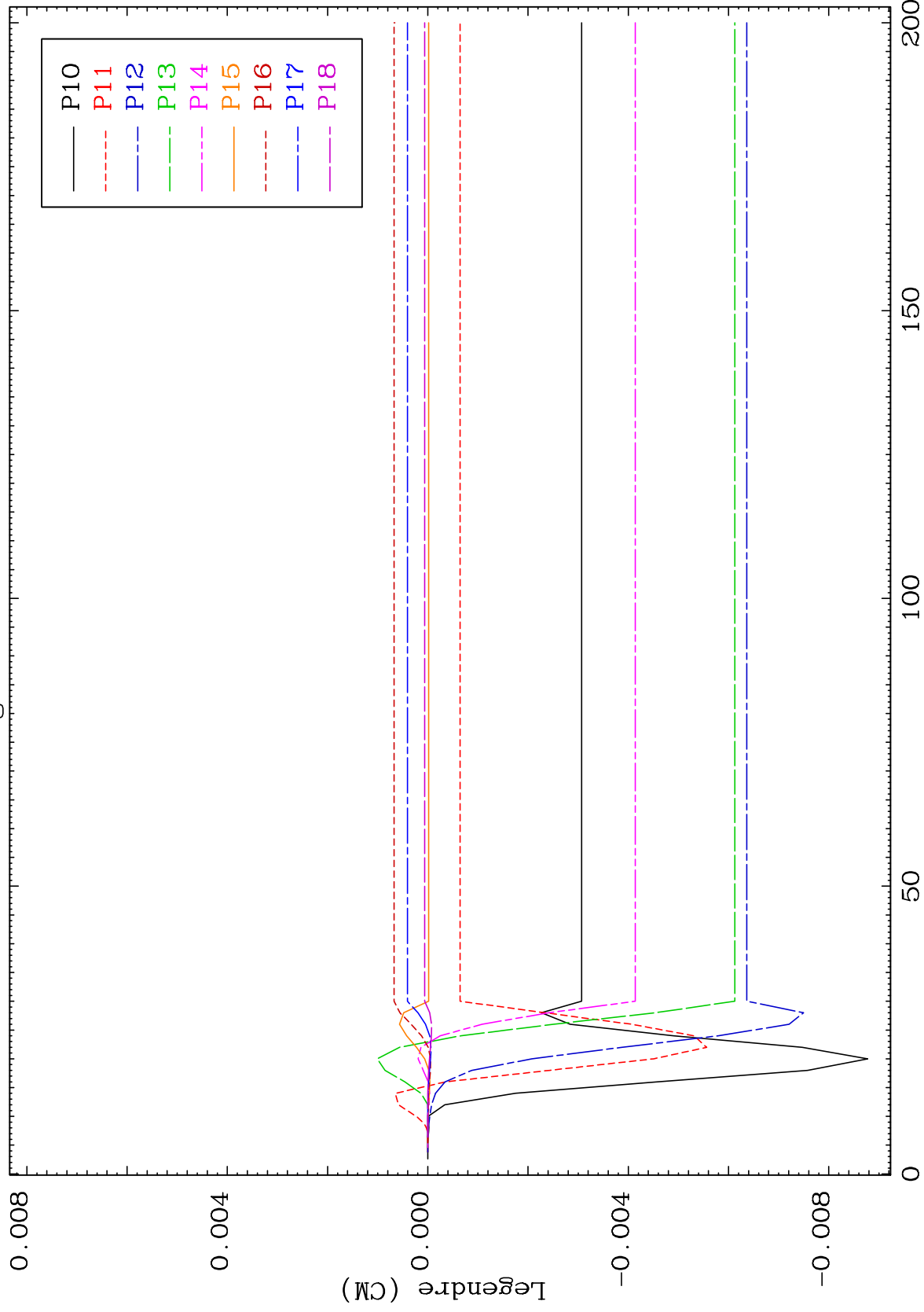
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



37

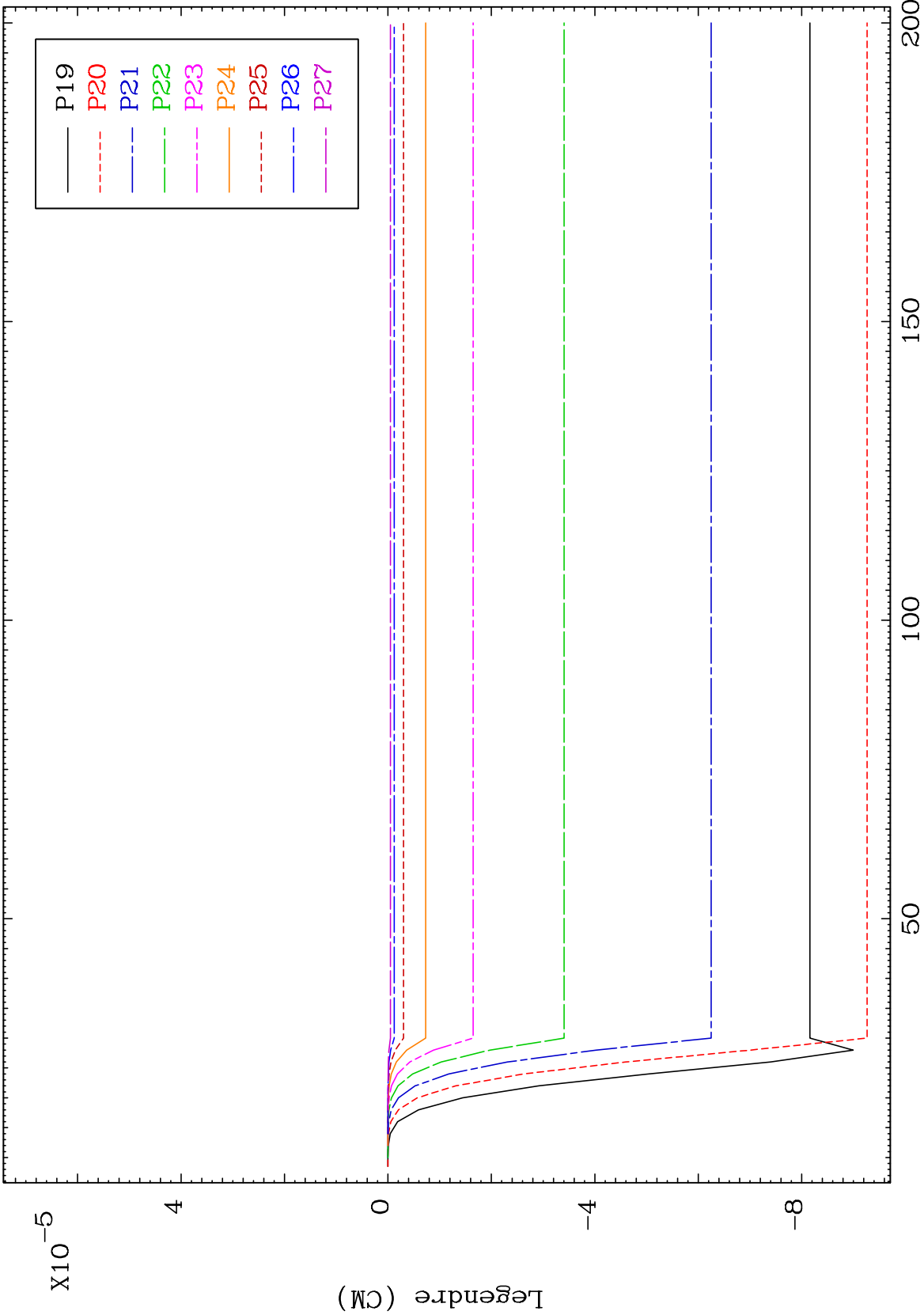
Incident Energy (MeV)

39-Y -95

MAT 3943

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

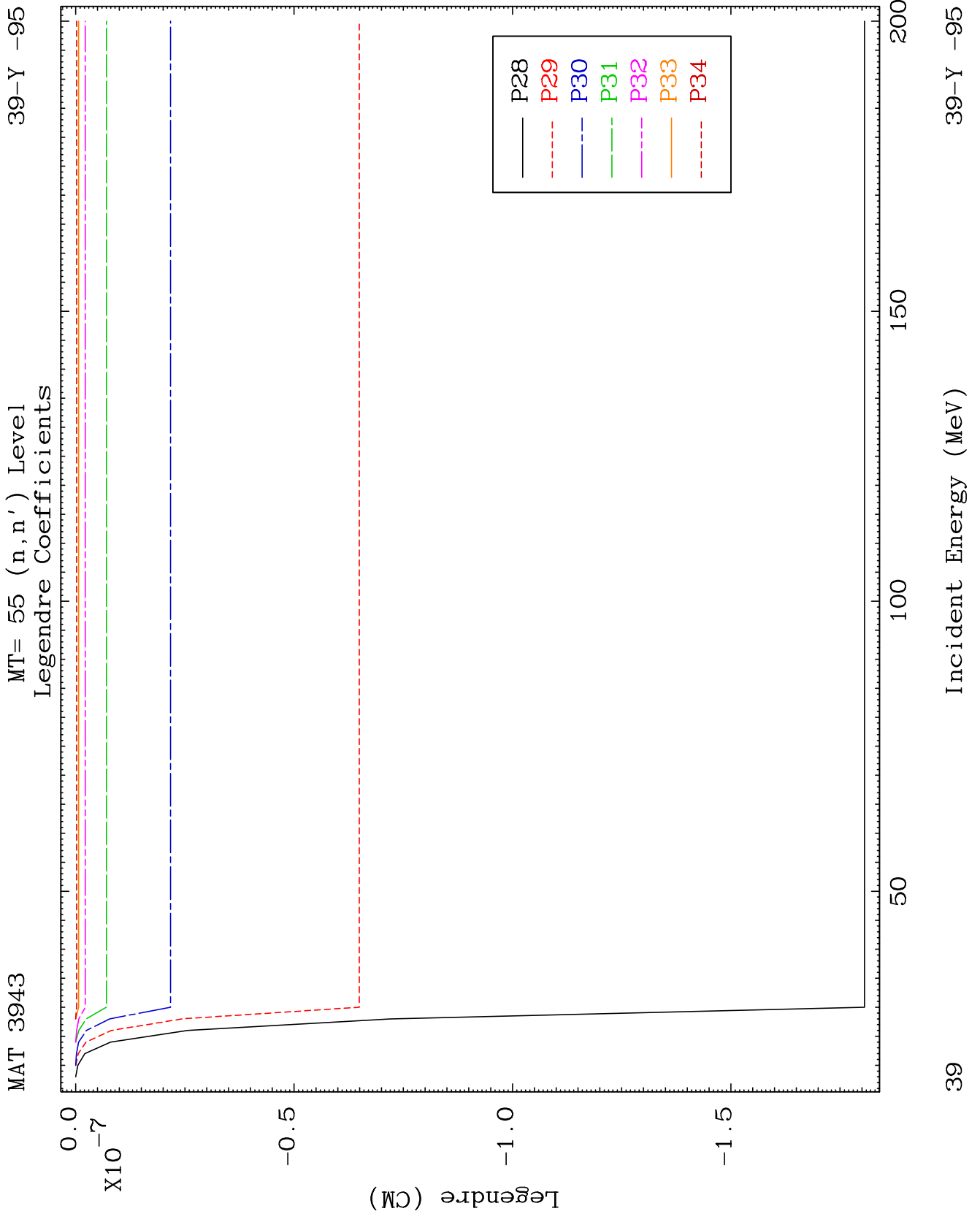
39-Y -95



38

Incident Energy (MeV)

39-Y -95



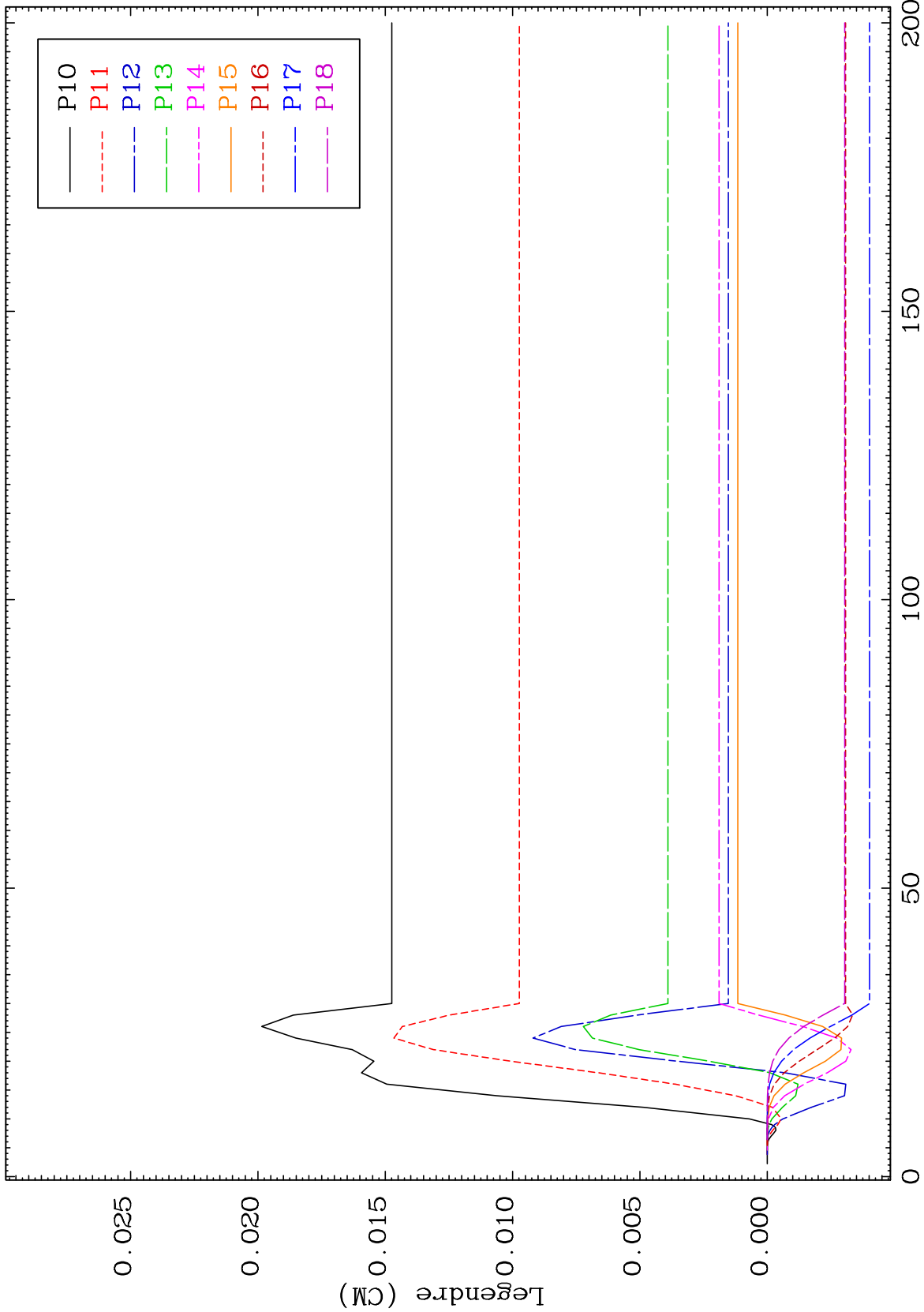




MAT 3943

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

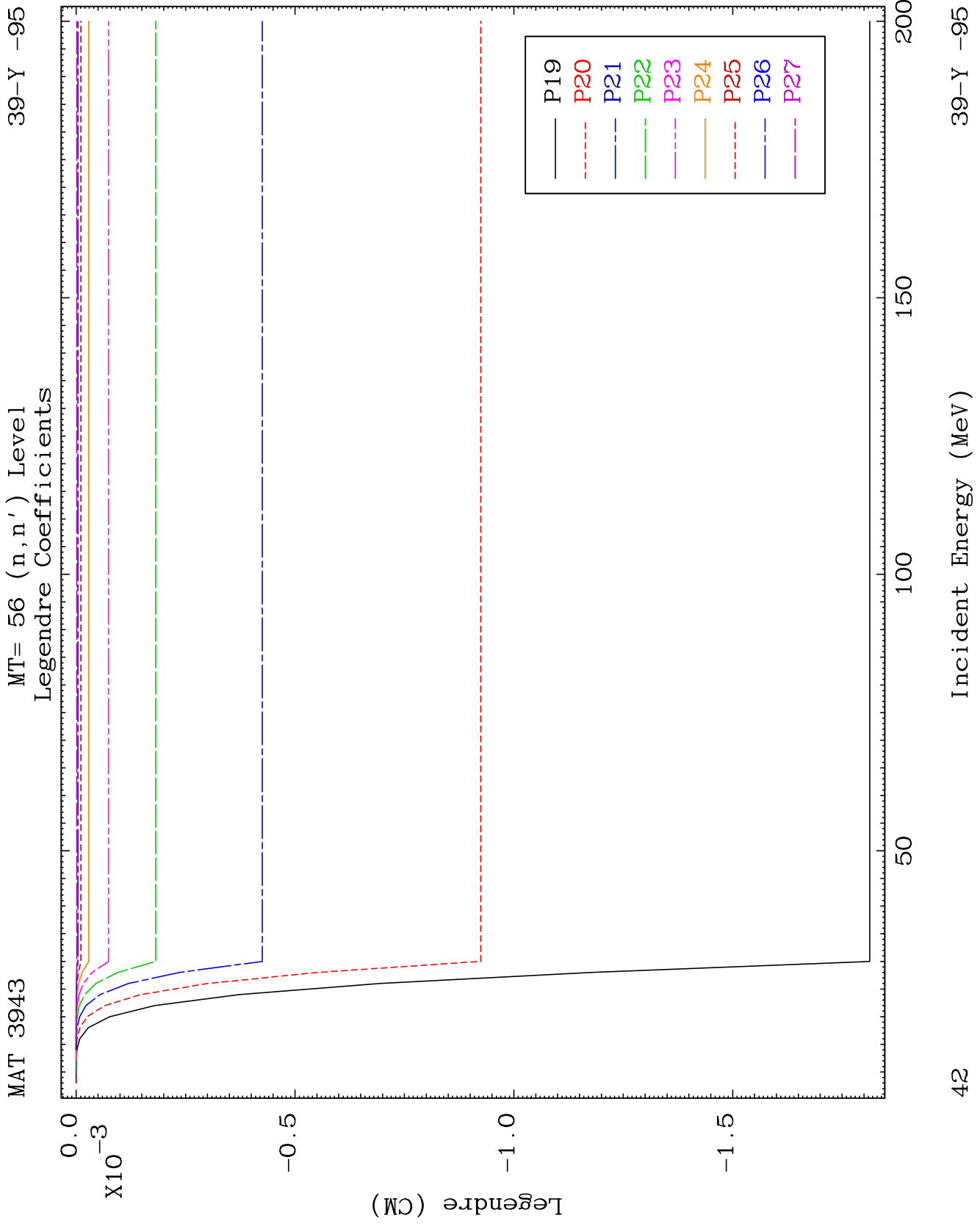
39-Y -95



41

Incident Energy (MeV)

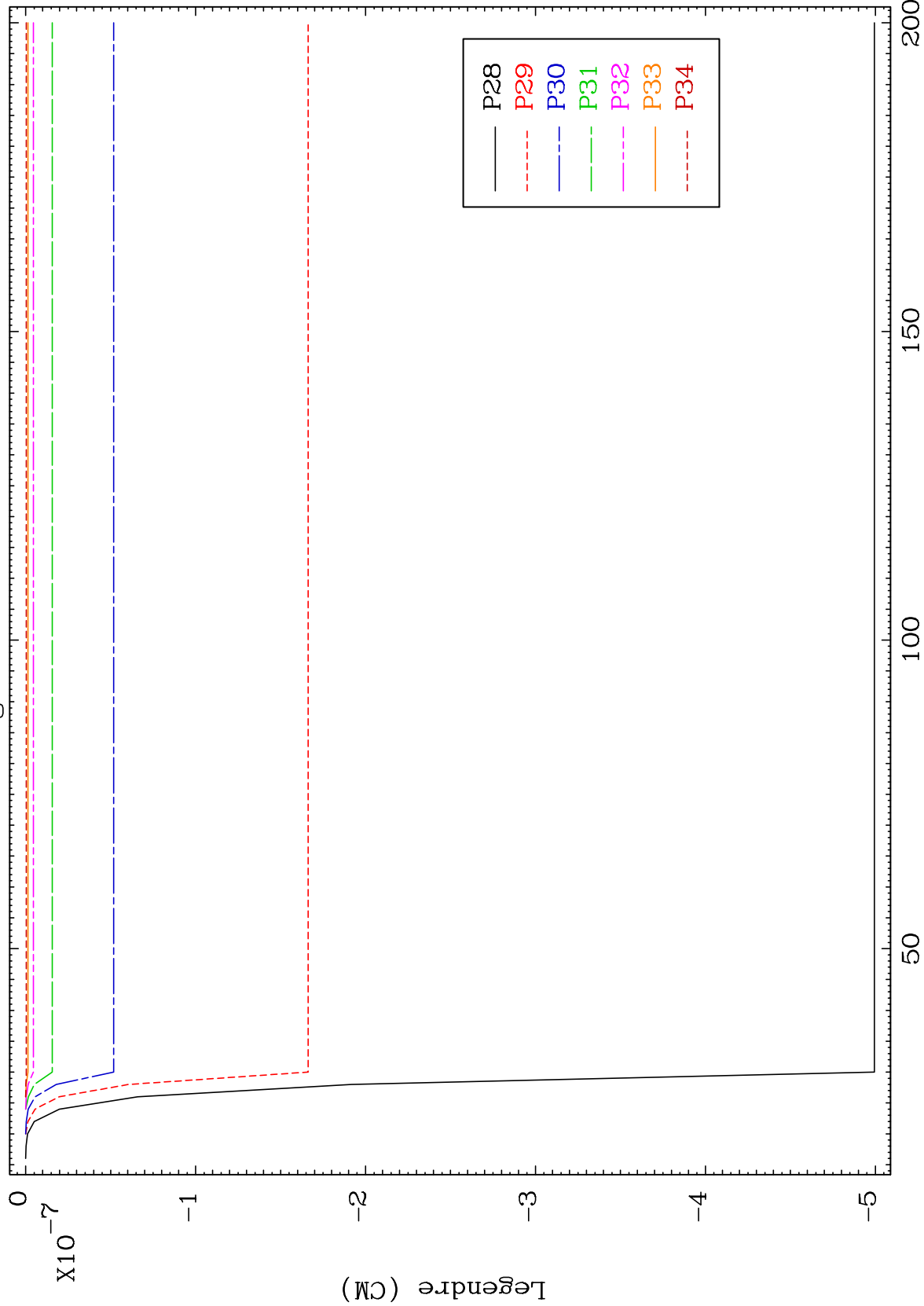
39-Y -95



MAT 3943

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

39-Y -95



43

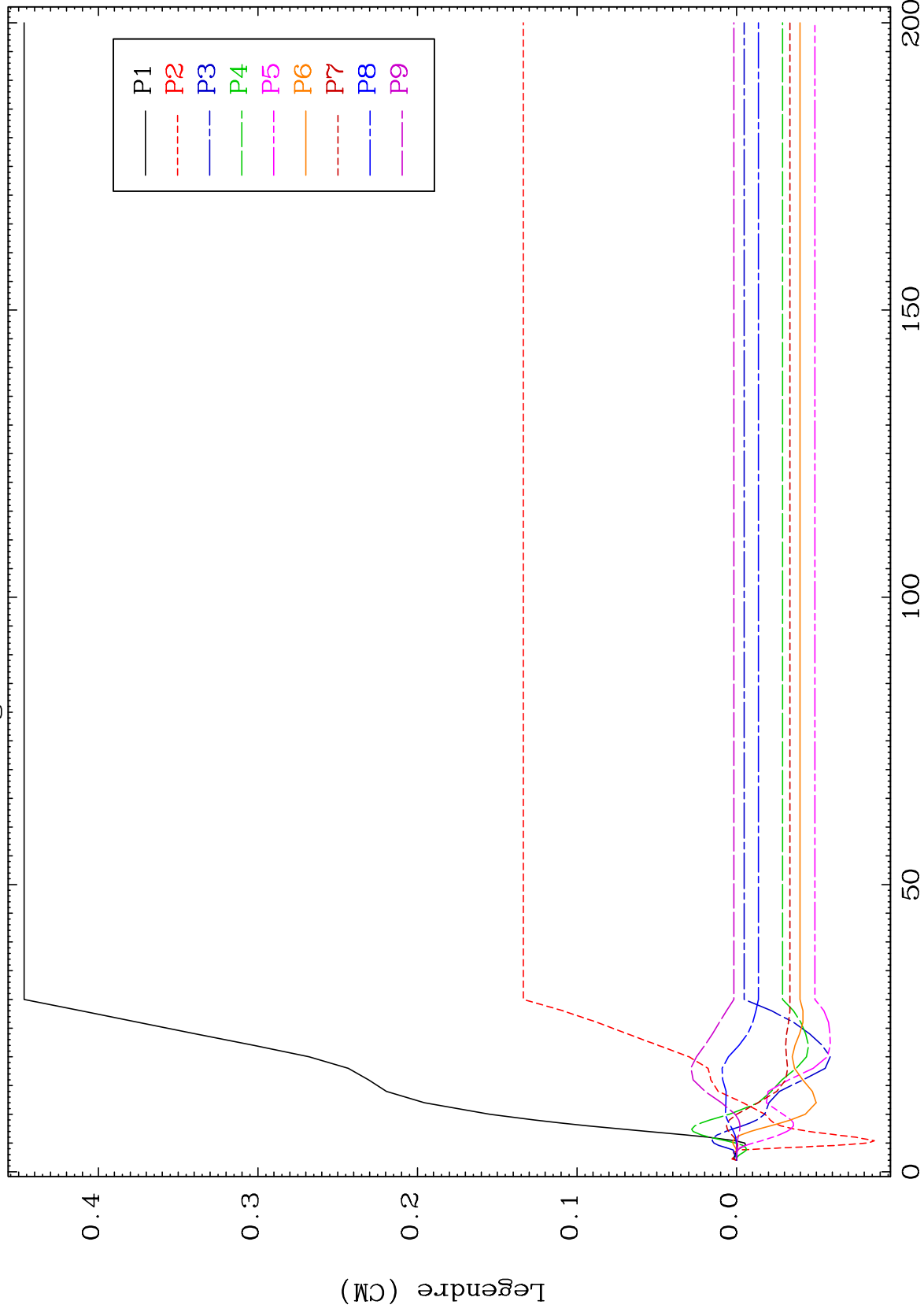
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



44

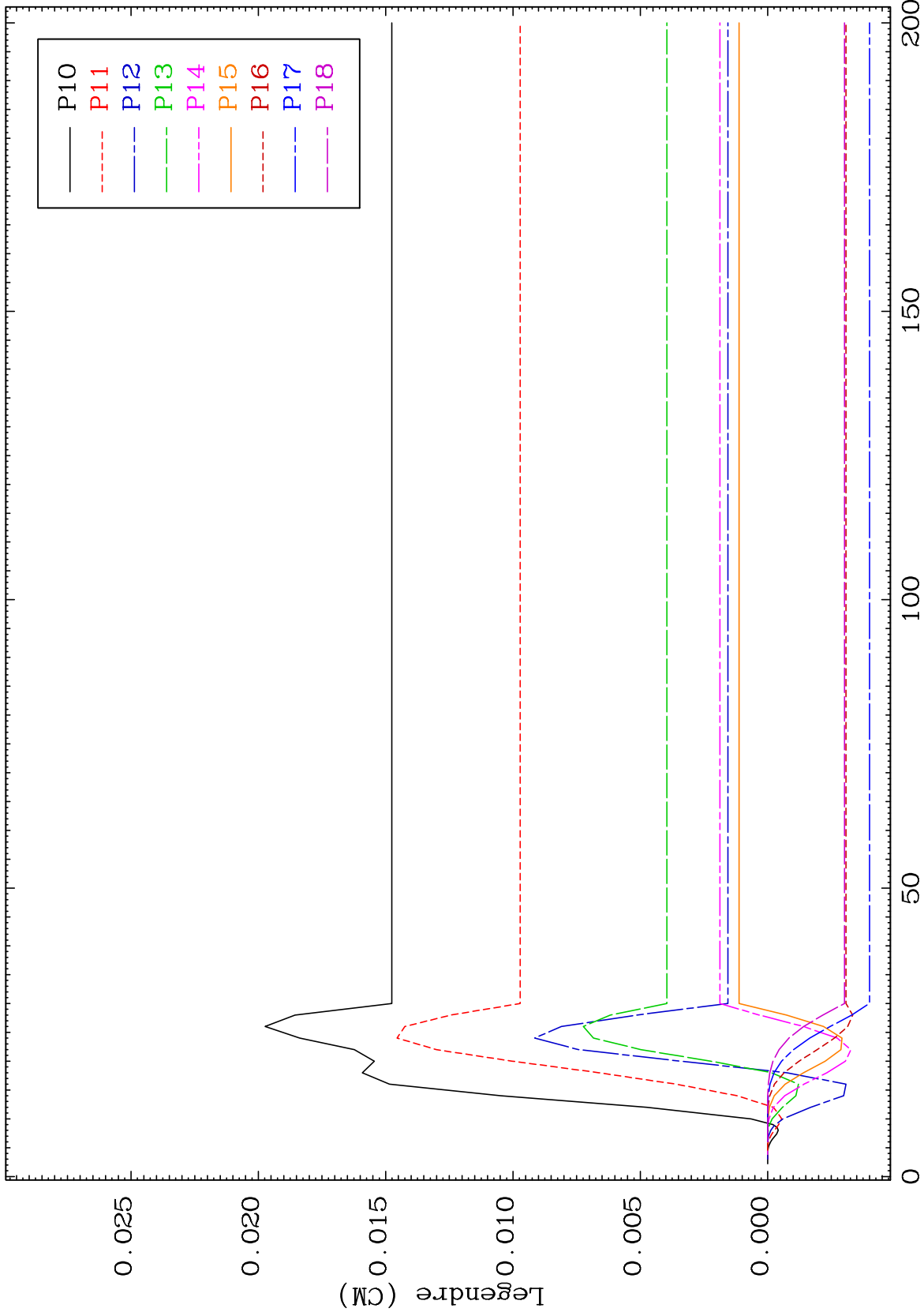
Incident Energy (MeV)

39-Y -95

MAT 3943

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

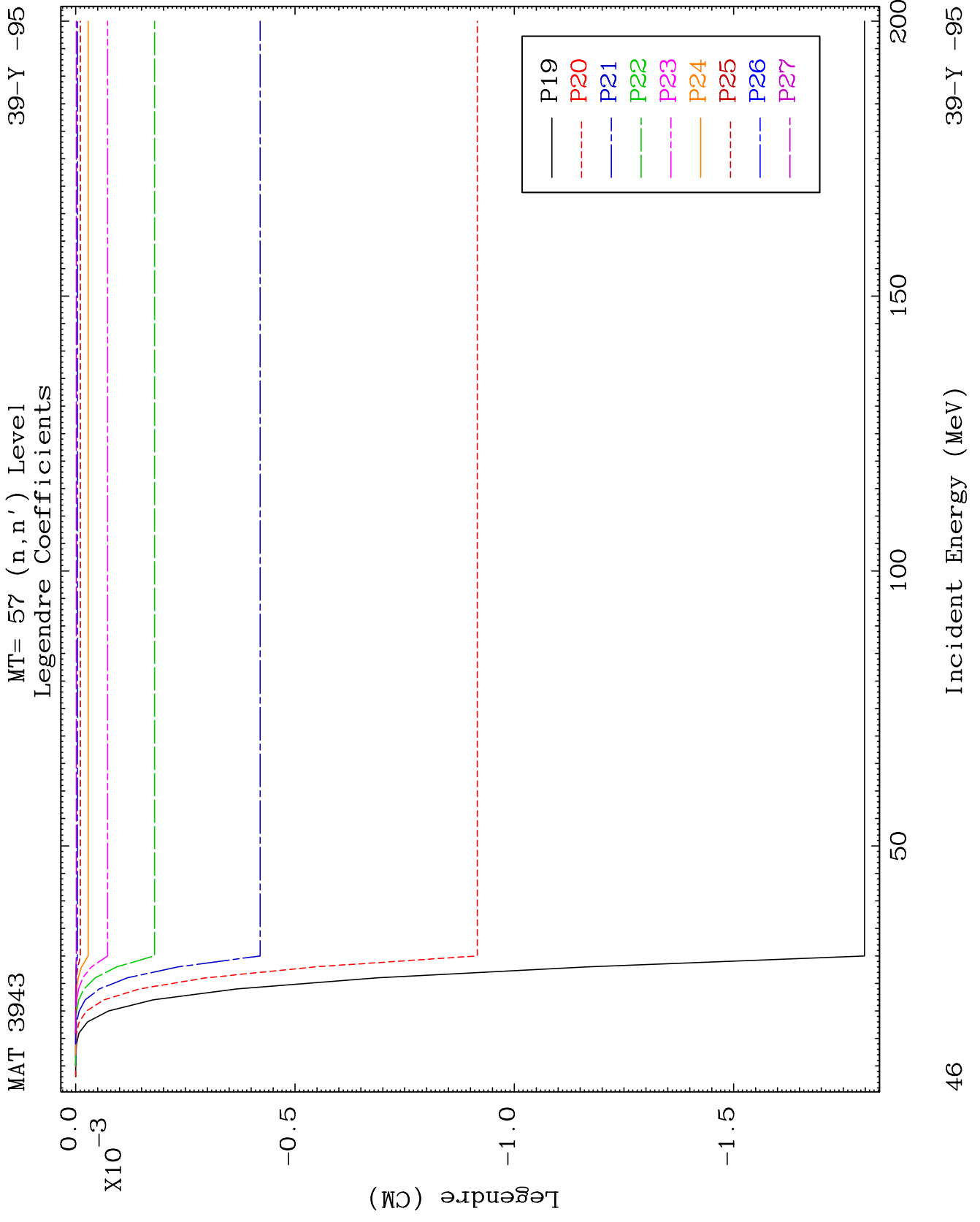
39-Y -95

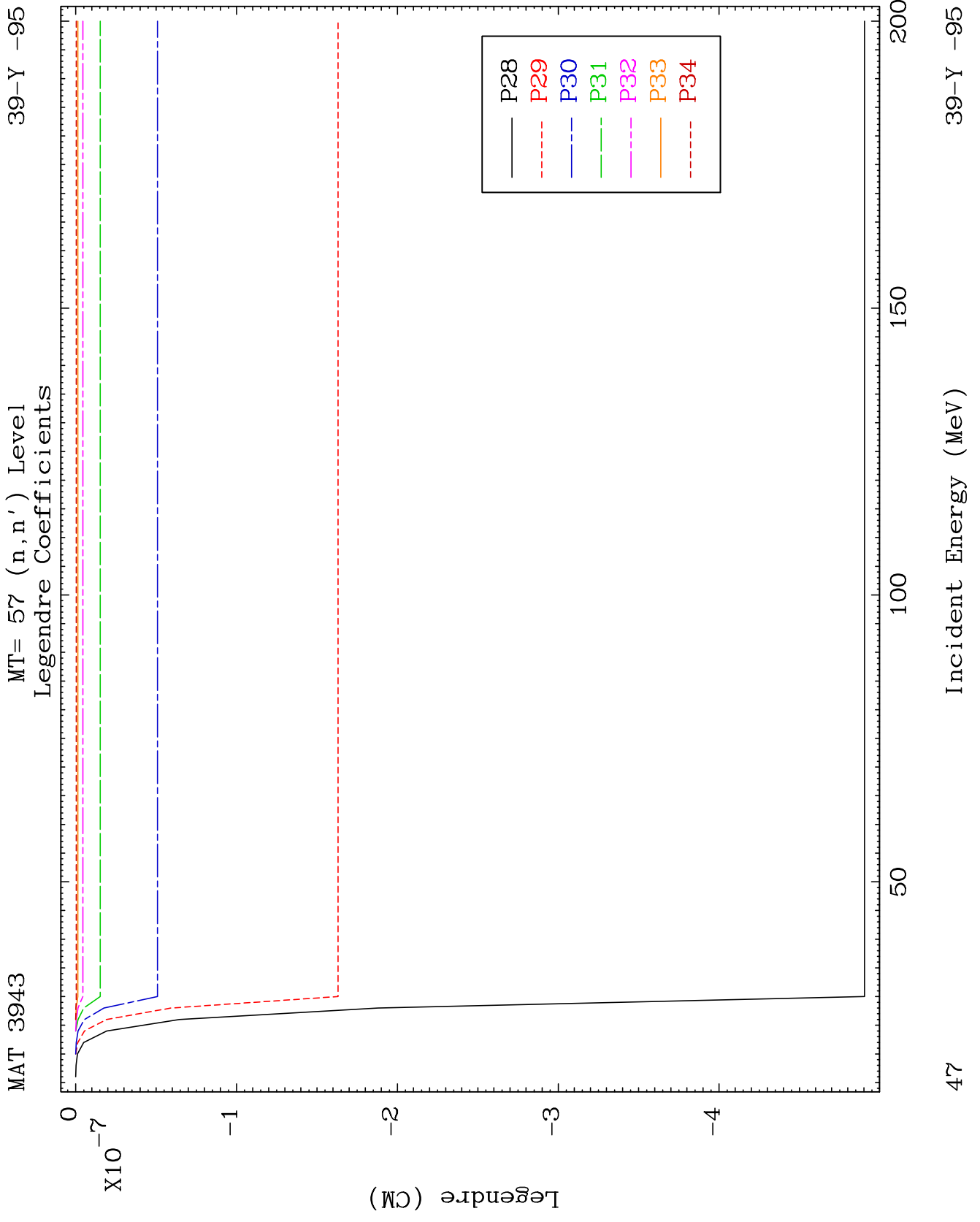


39-Y -95

Incident Energy (MeV)

45



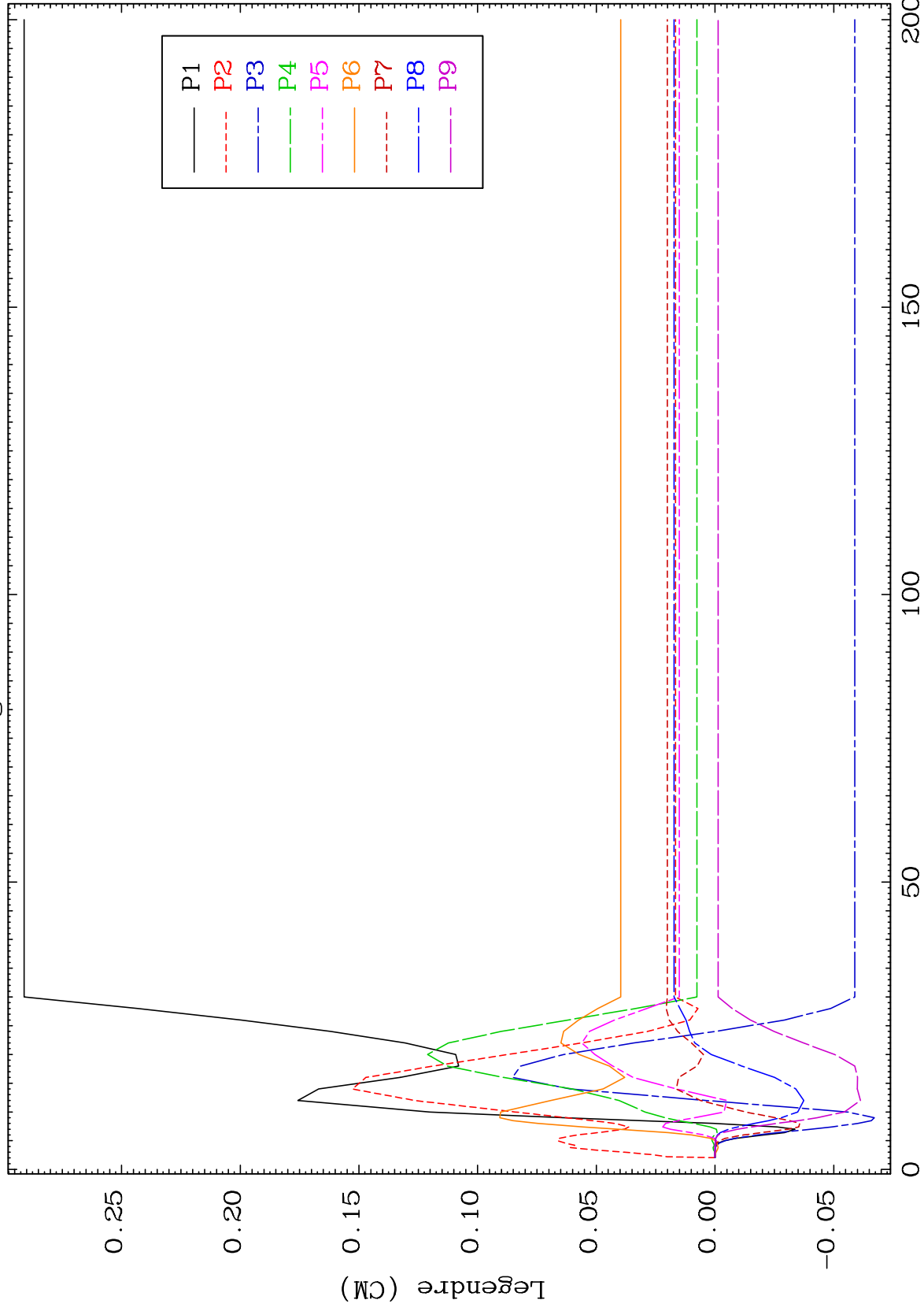




MAT 3943

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

39-Y -95



48

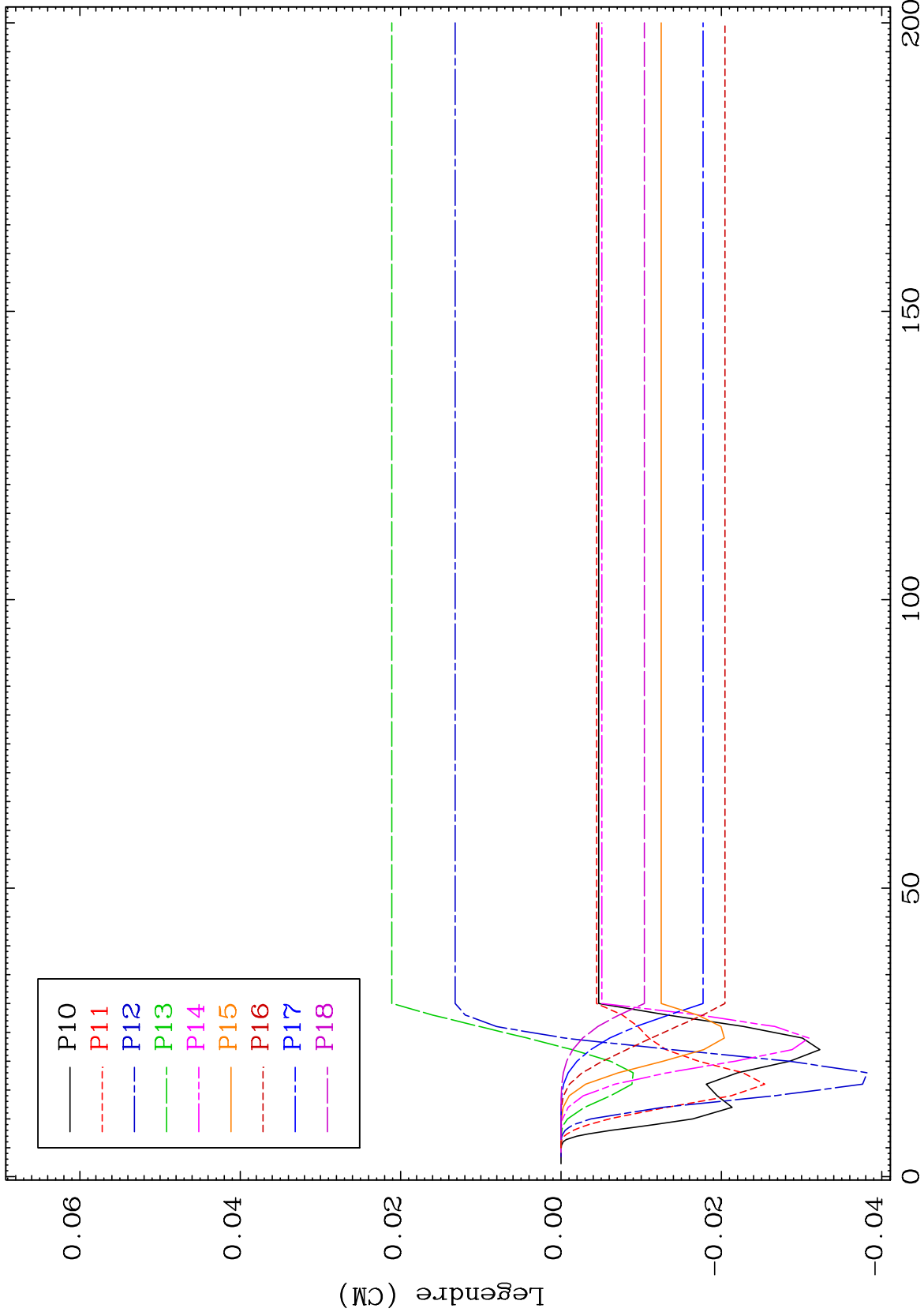
Incident Energy (MeV)

39-Y -95

MAT 3943

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

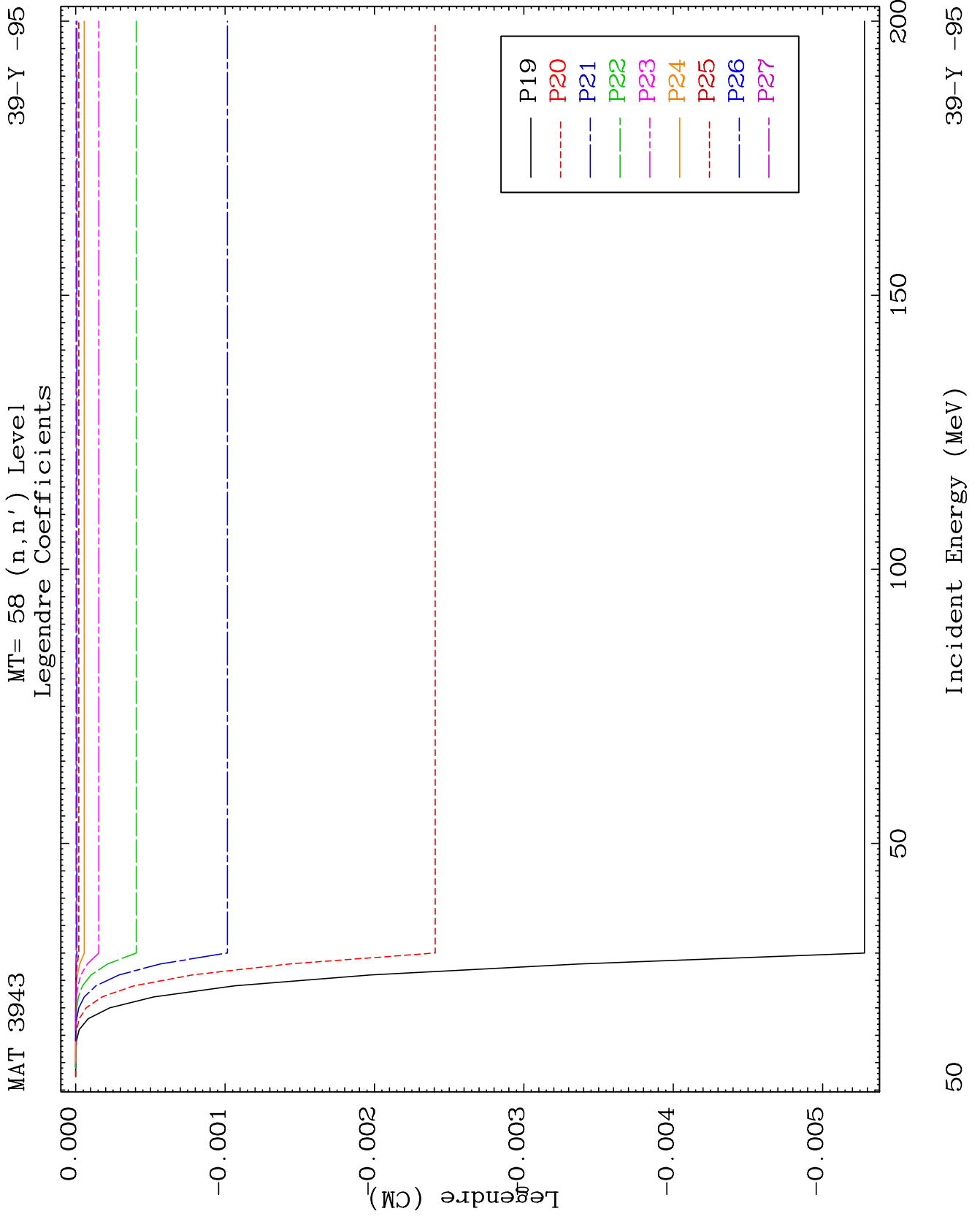
39-Y -95

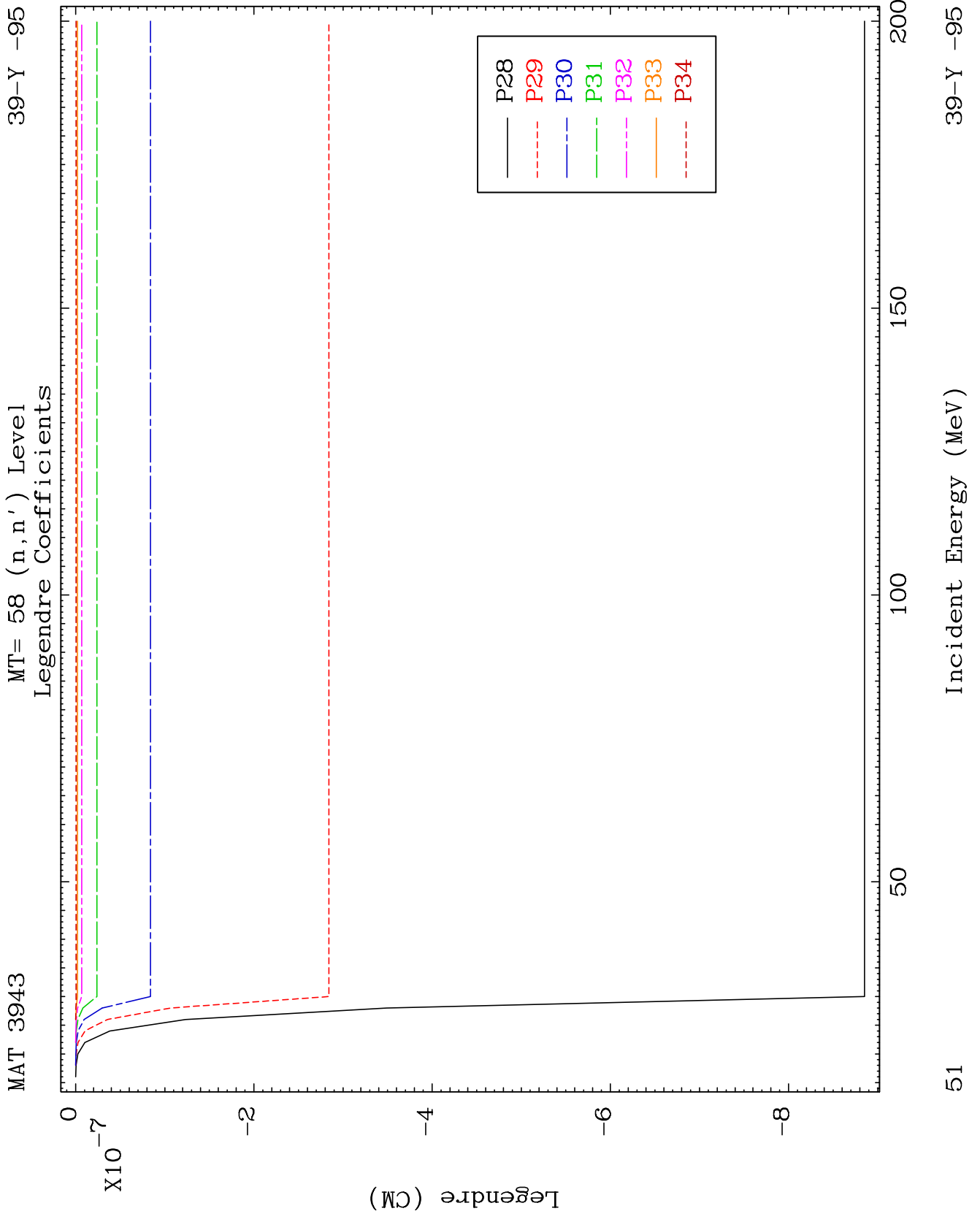


49

Incident Energy (MeV)

39-Y -95

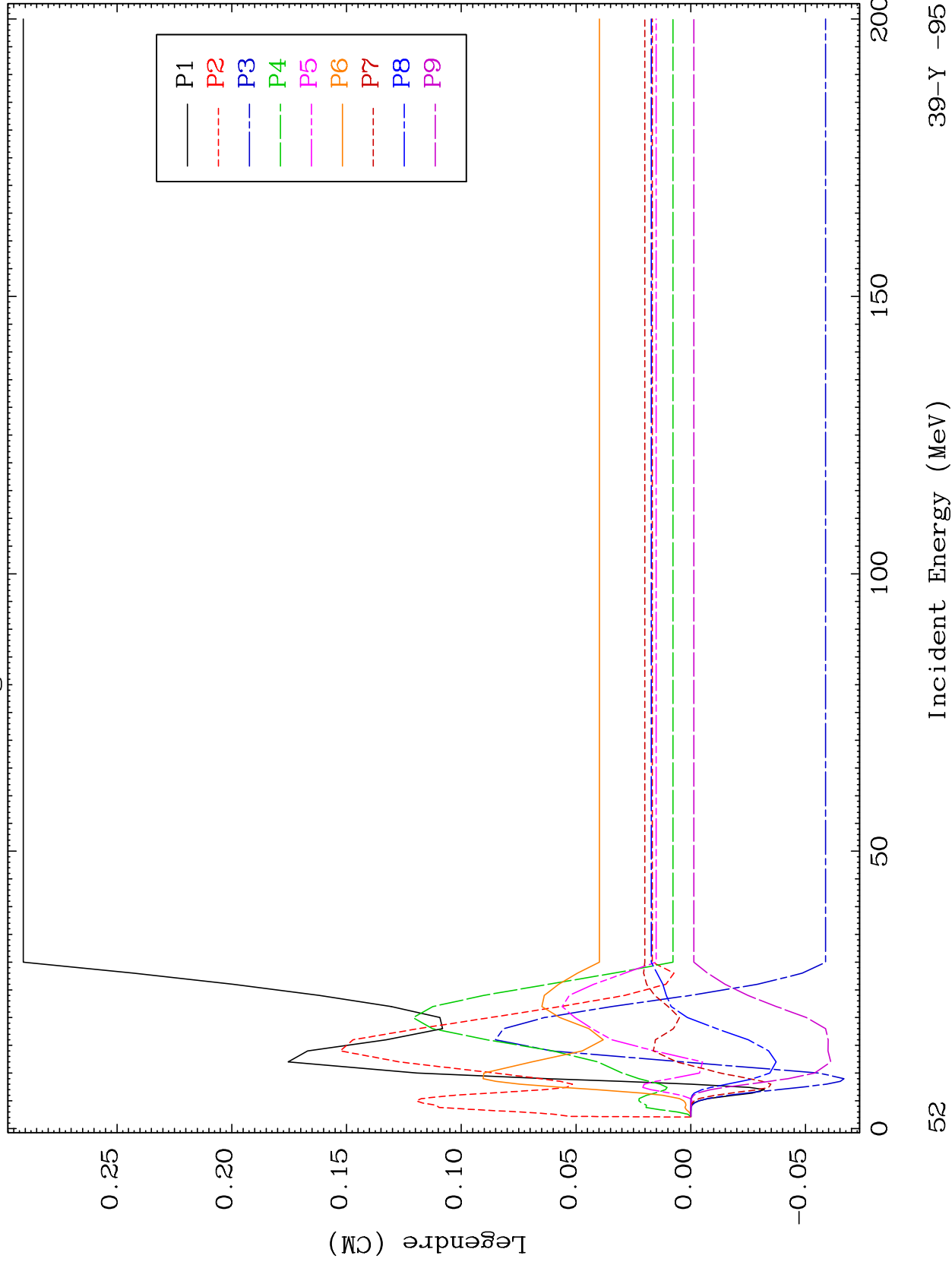




MAT 3943

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

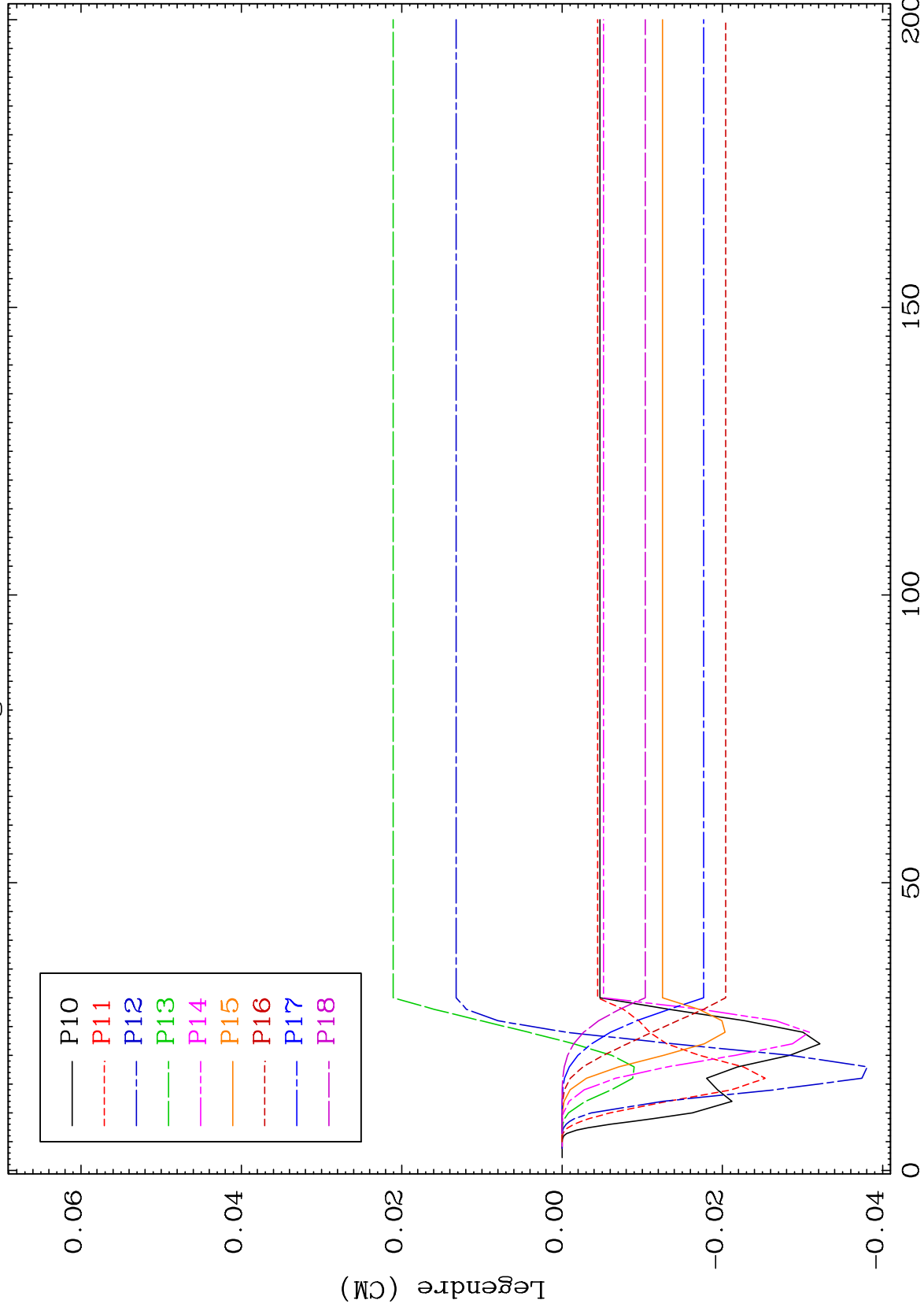
39-Y -95



MAT 3943

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

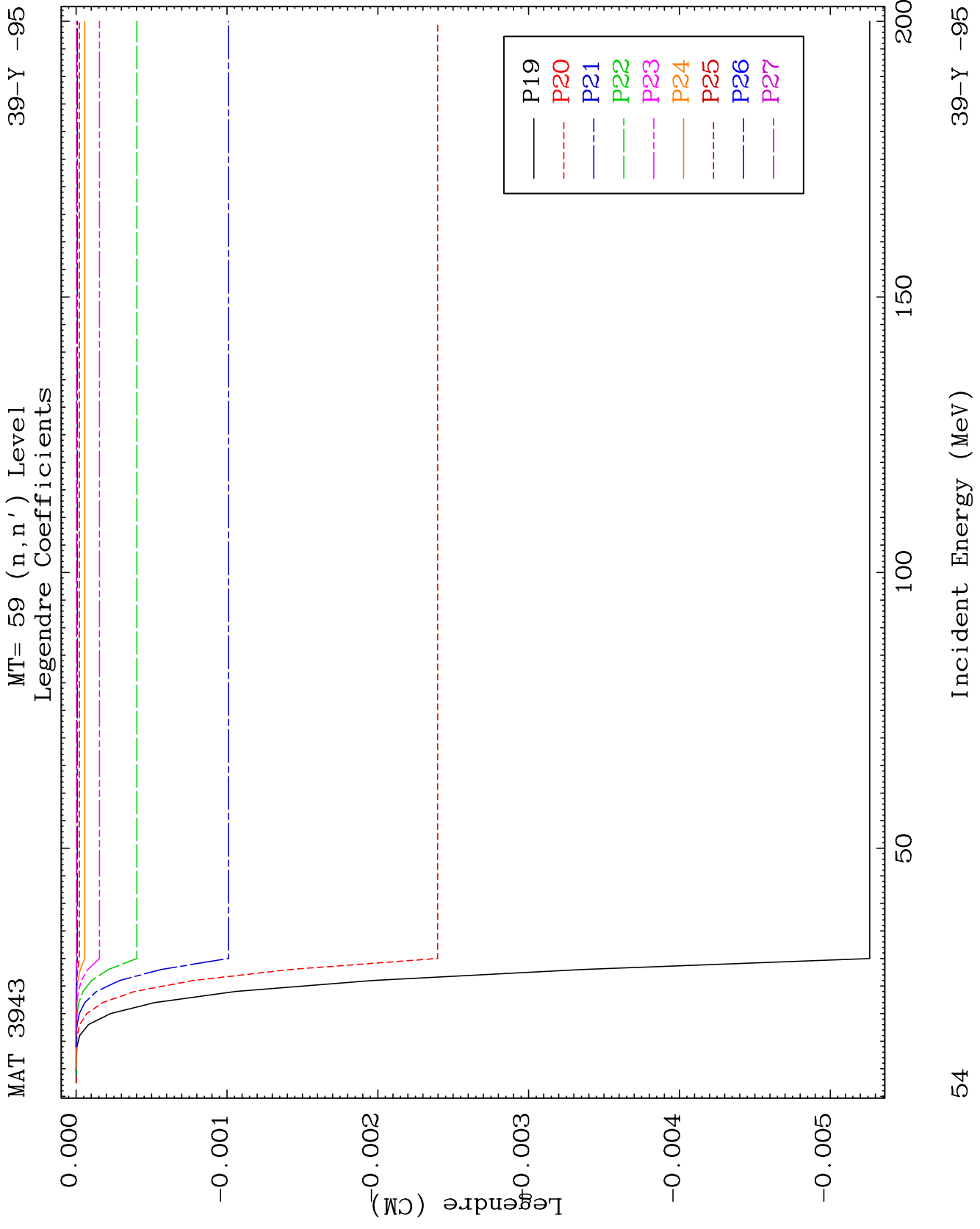
39-Y -95

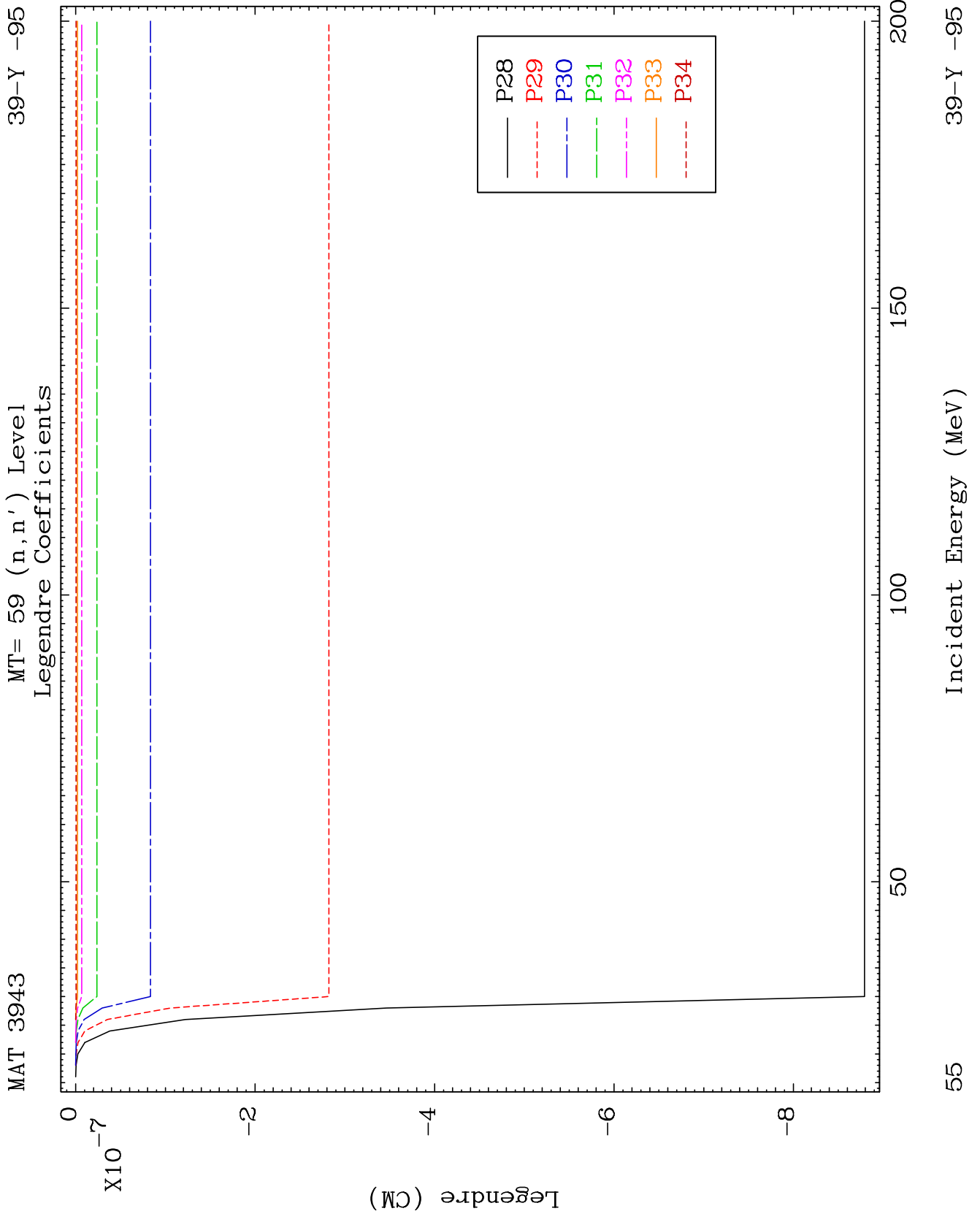


53

Incident Energy (MeV)

39-Y -95



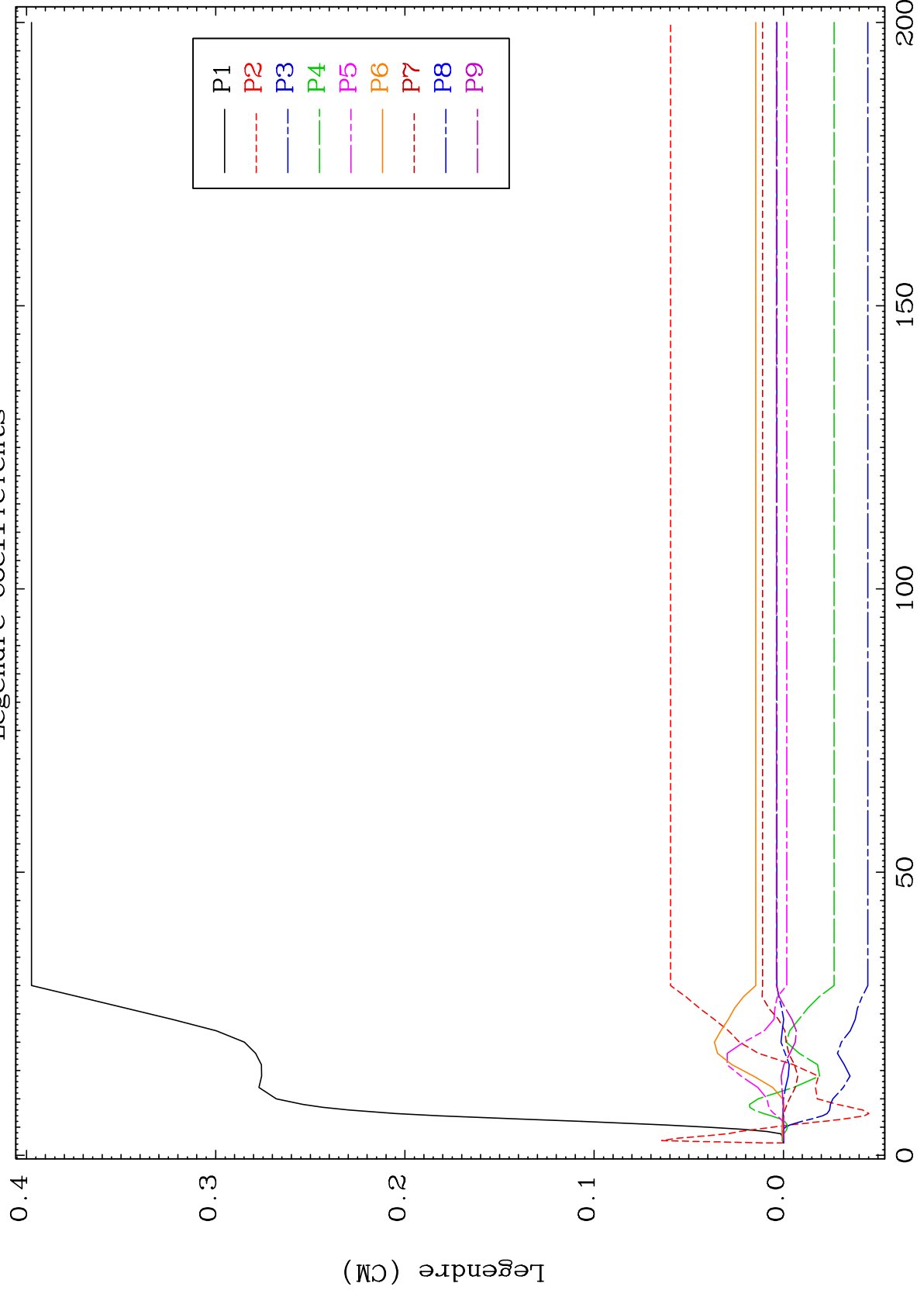




MAT 3943

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

39-Y -95



56

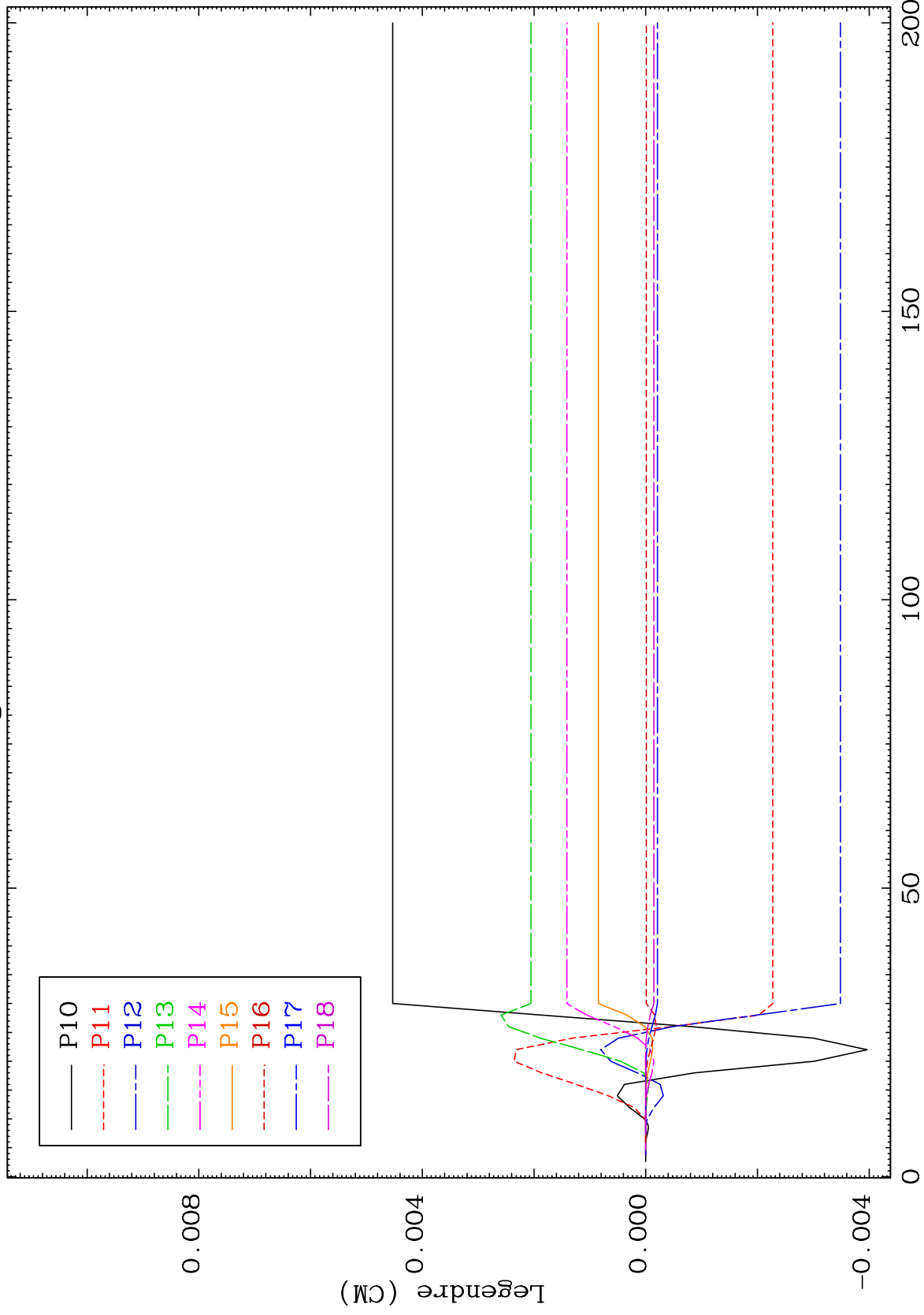
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



57

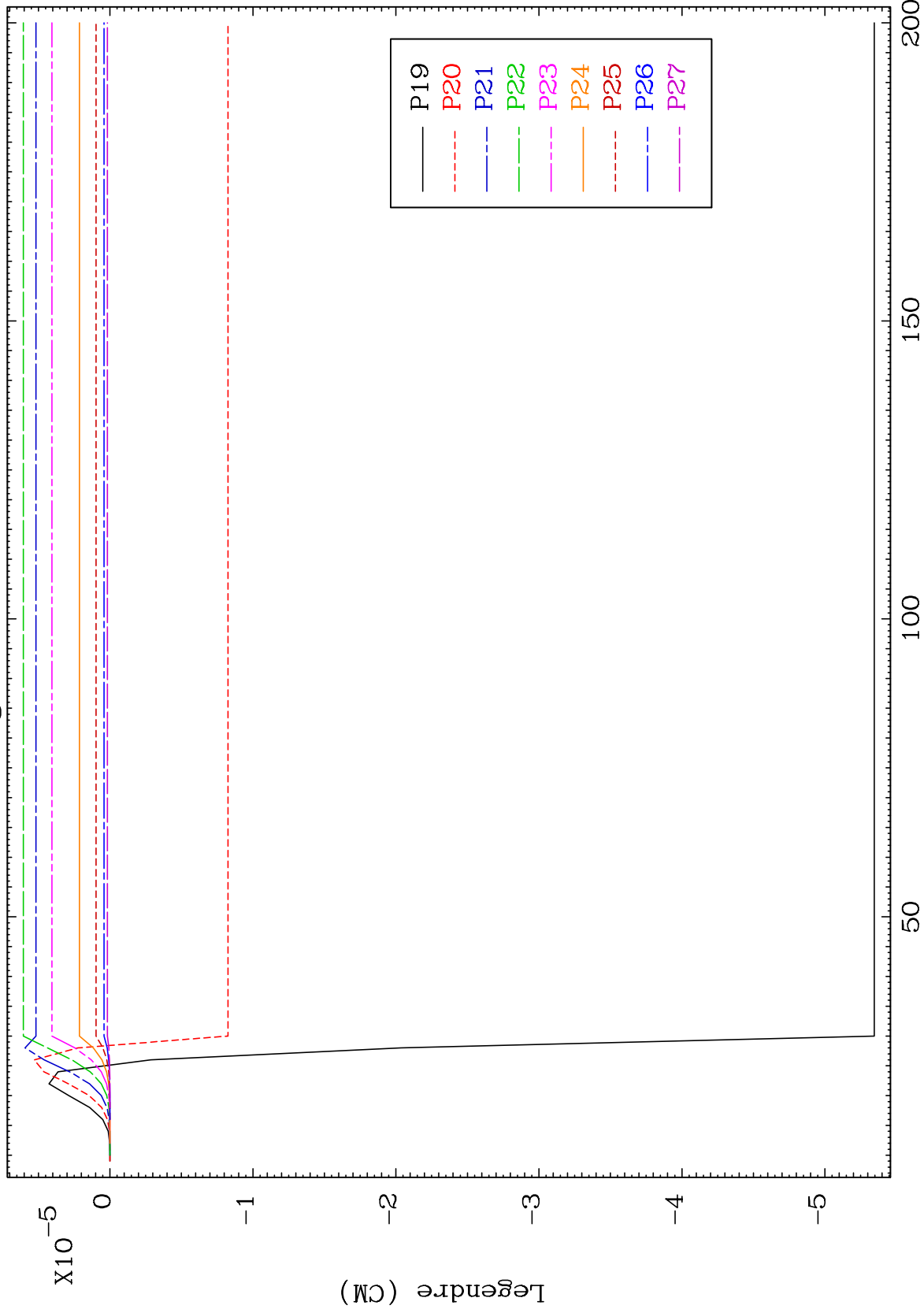
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



58

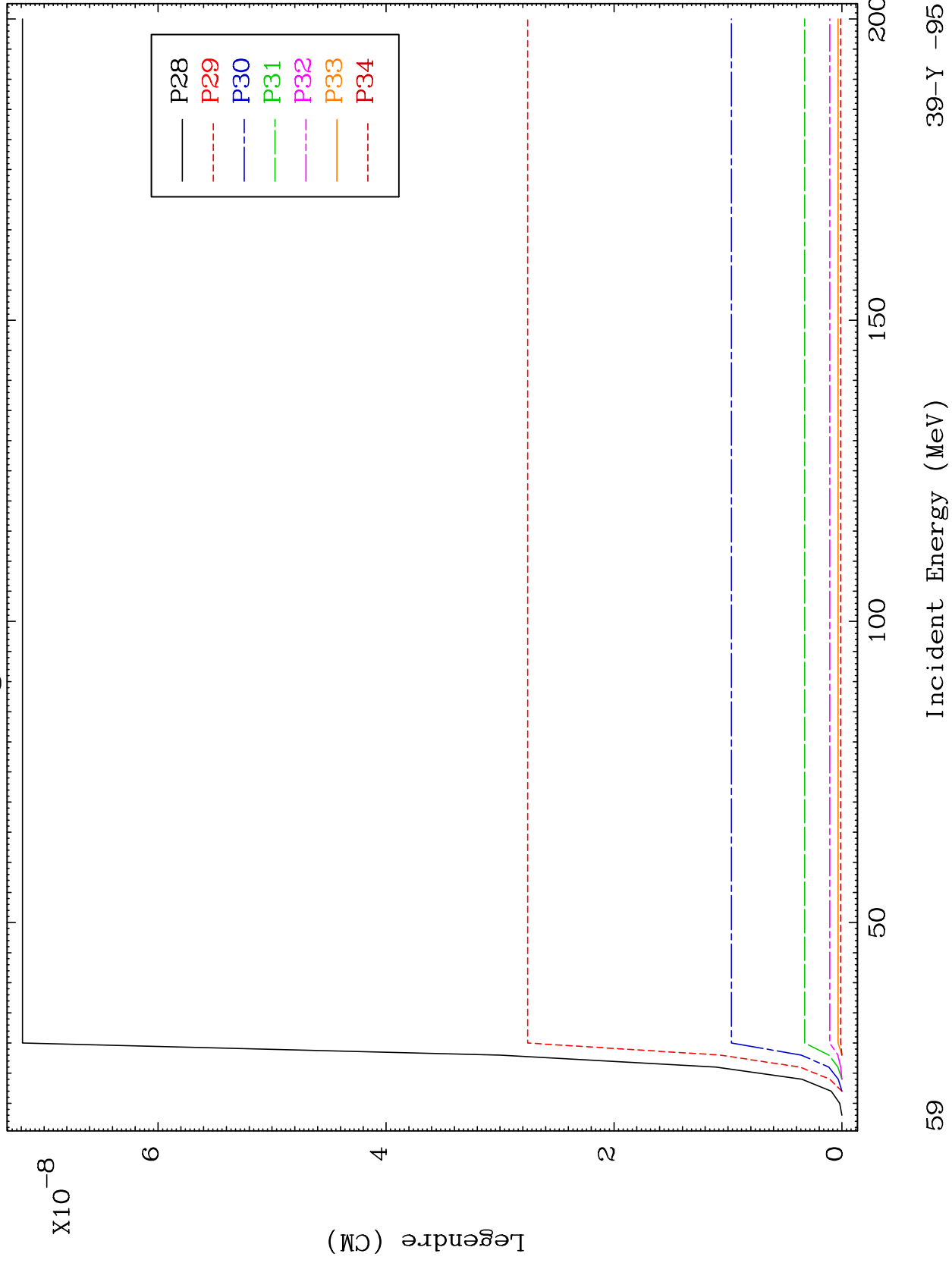
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



59

Incident Energy (MeV)

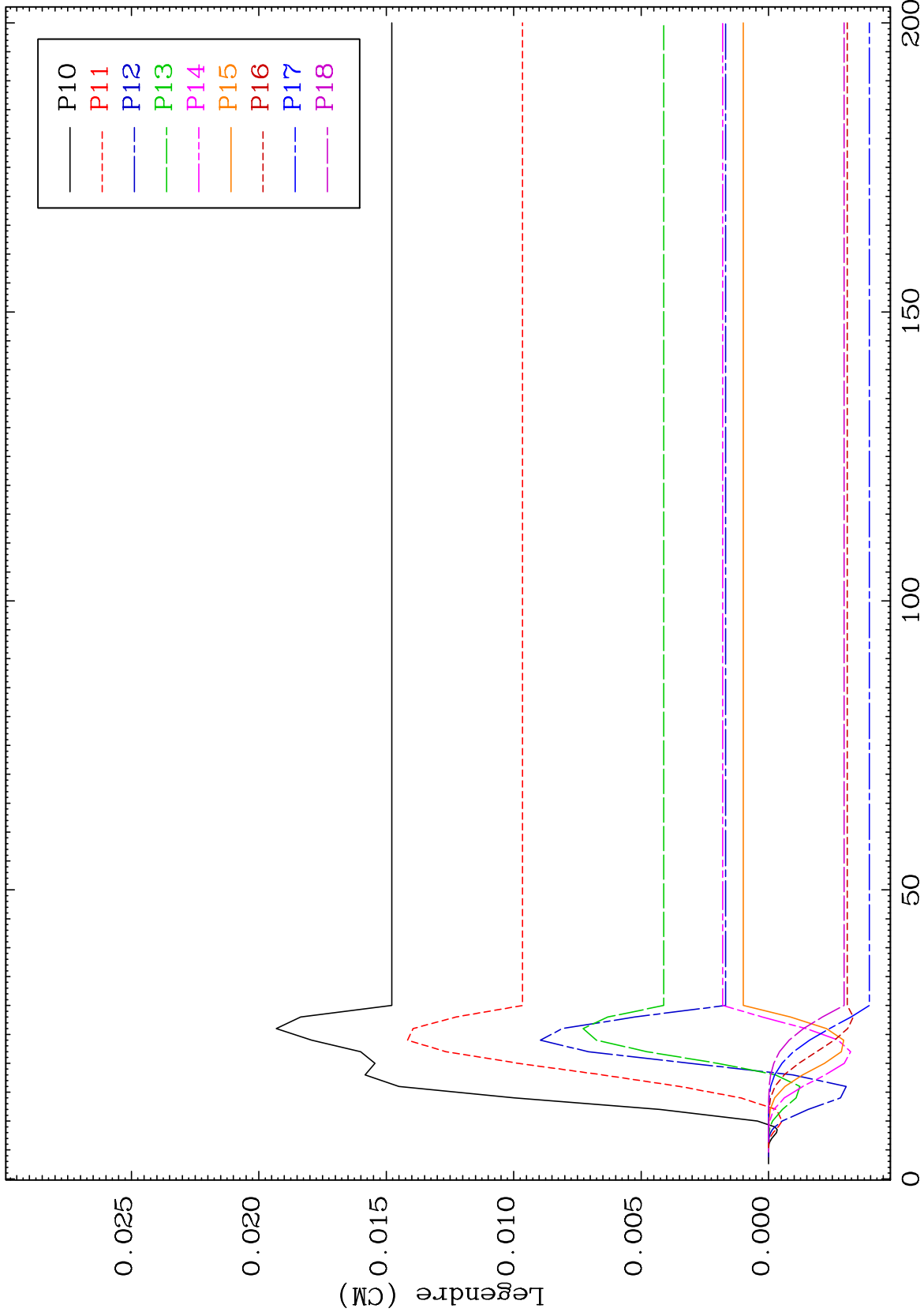
39-Y -95



MAT 3943

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

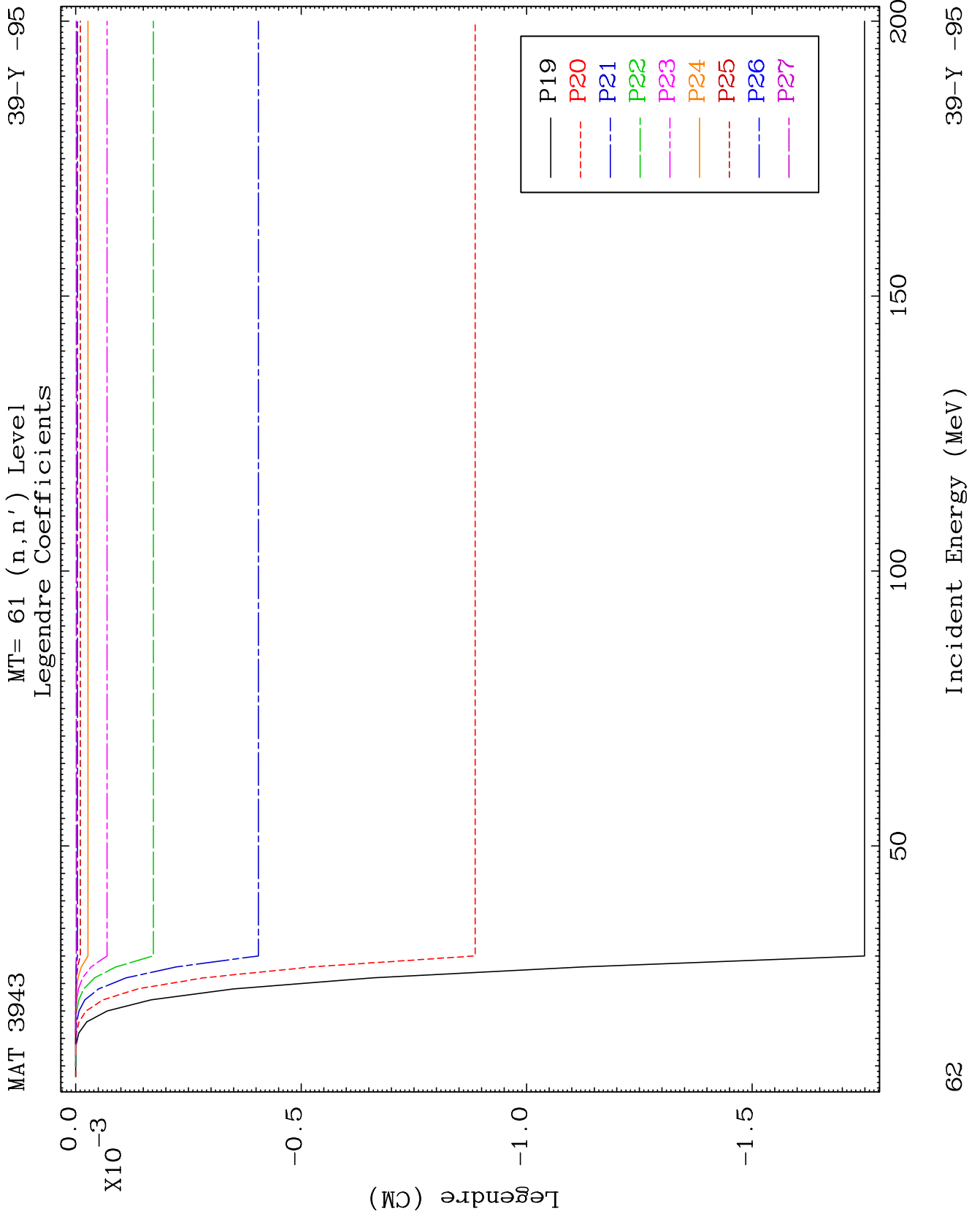
39-Y -95

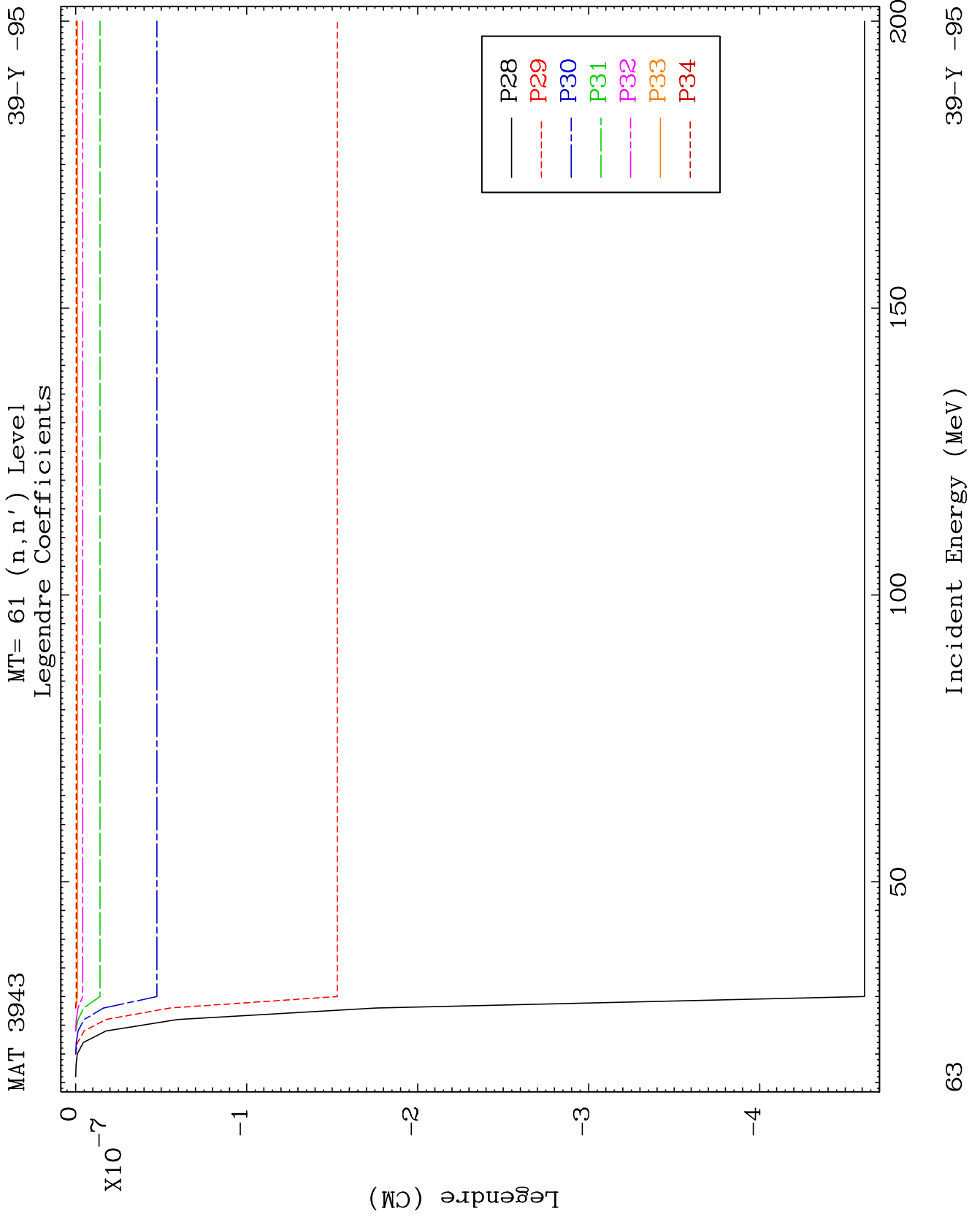


61

Incident Energy (MeV)

39-Y -95



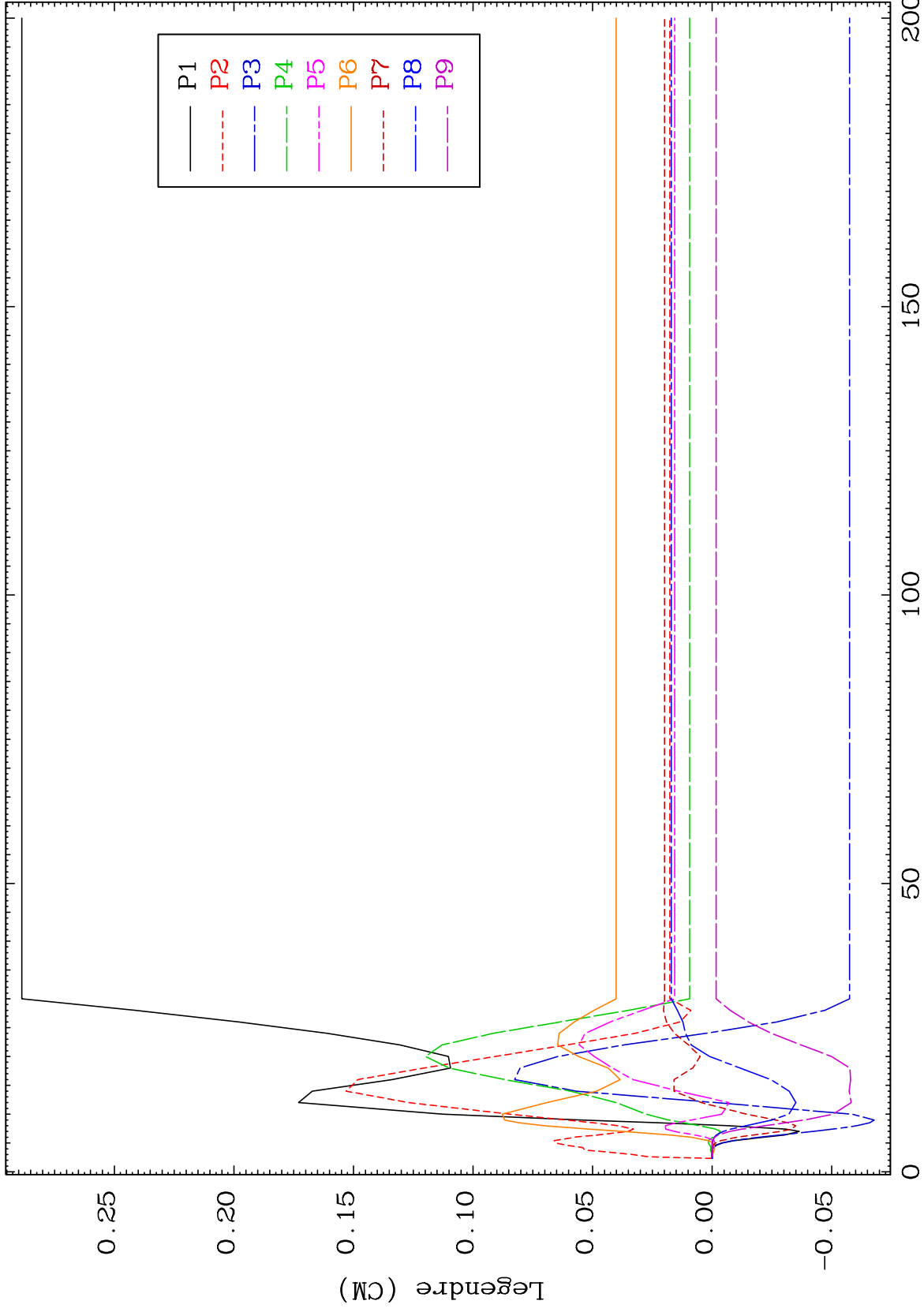




MAT 3943

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

39-Y -95



64

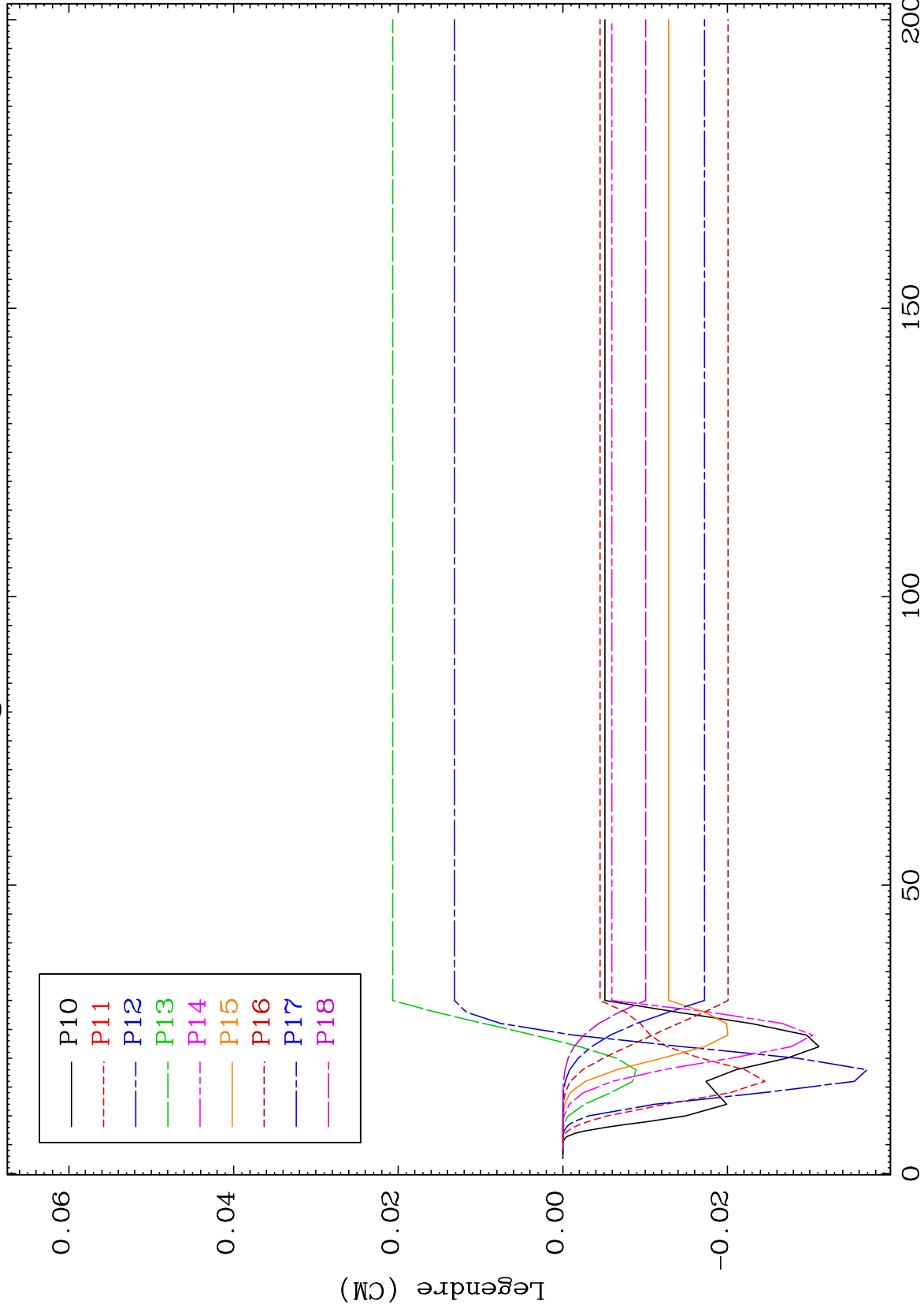
Incident Energy (MeV)

39-Y -95

MAT 3943

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

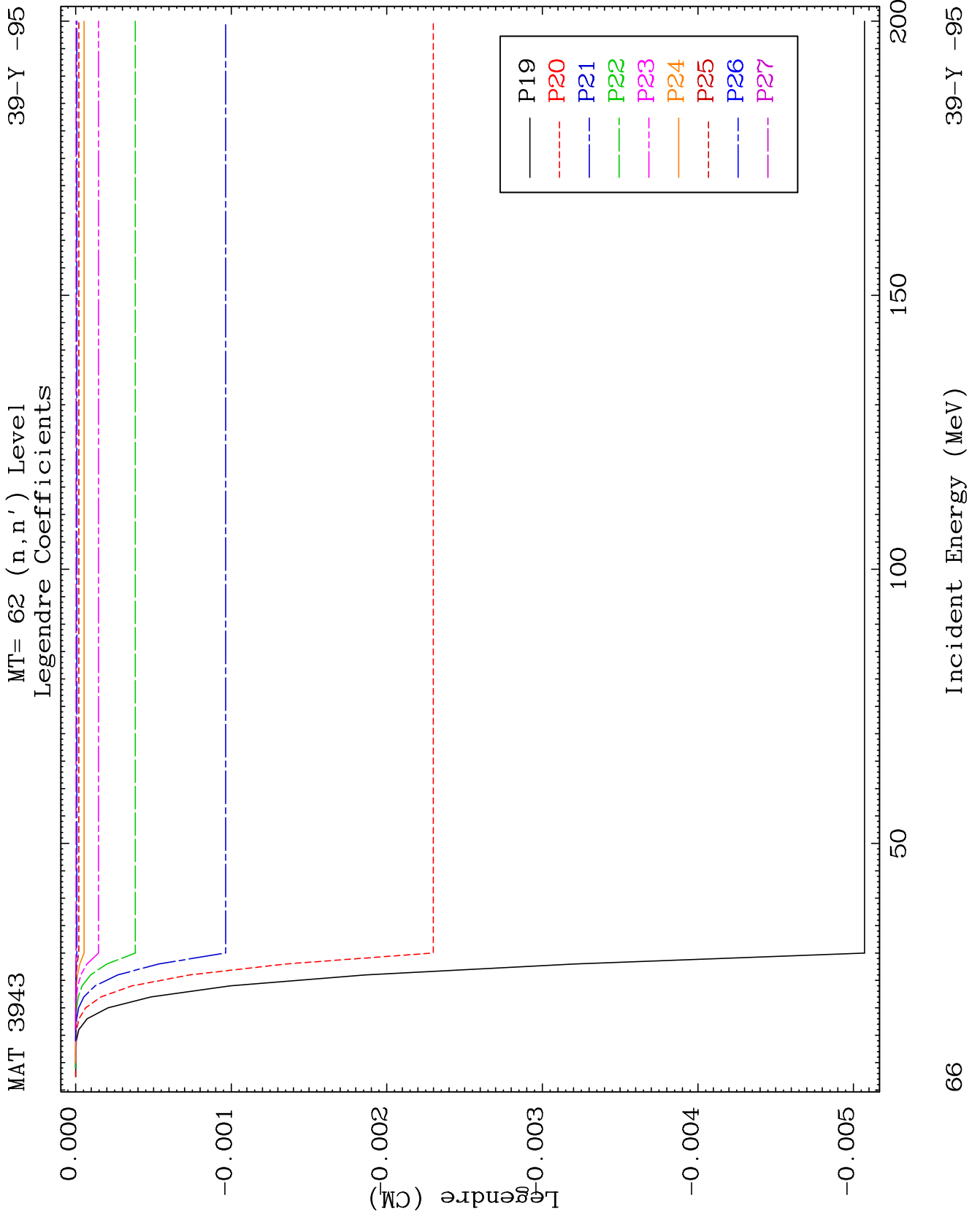
39-Y -95

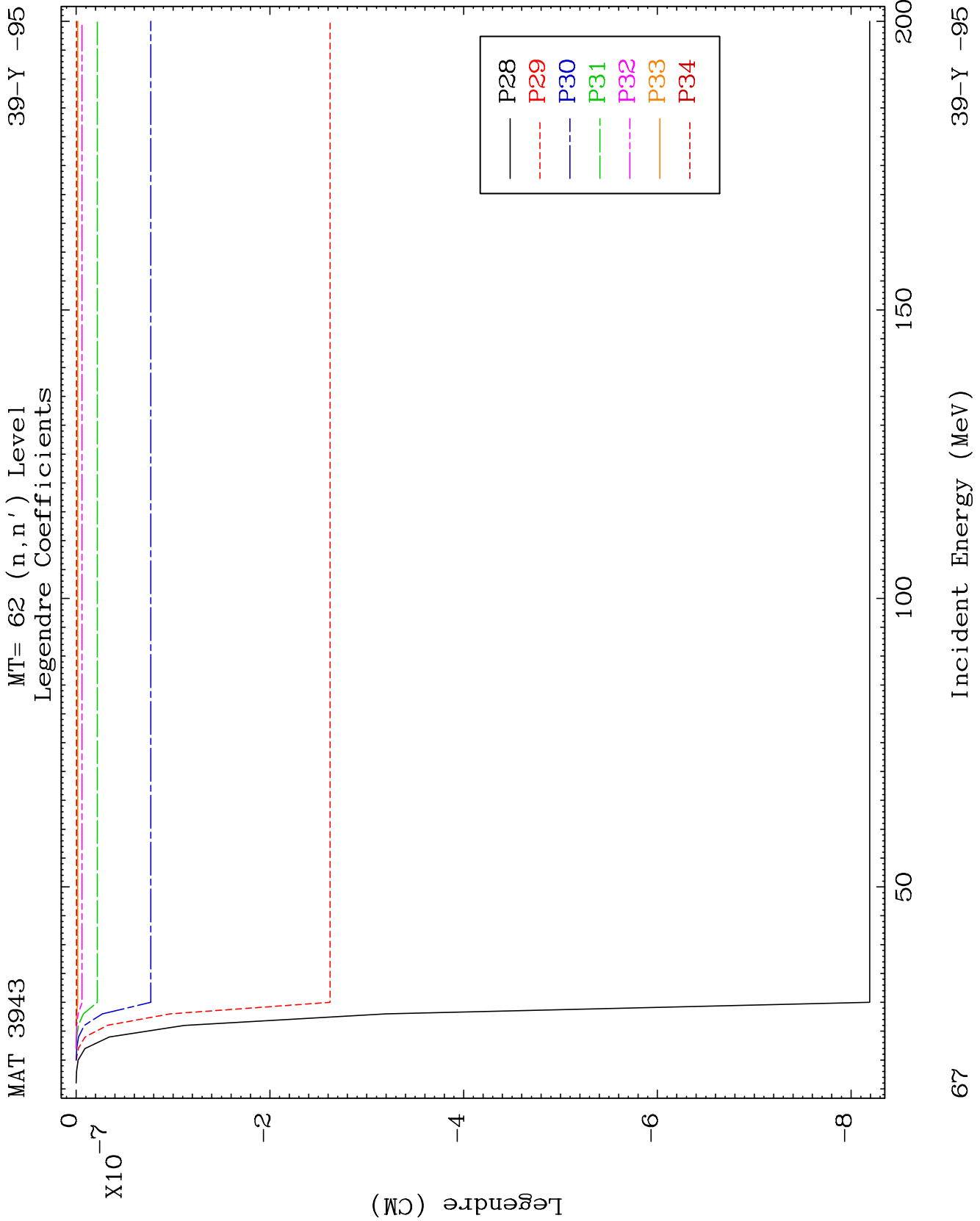


65

Incident Energy (MeV)

39-Y -95

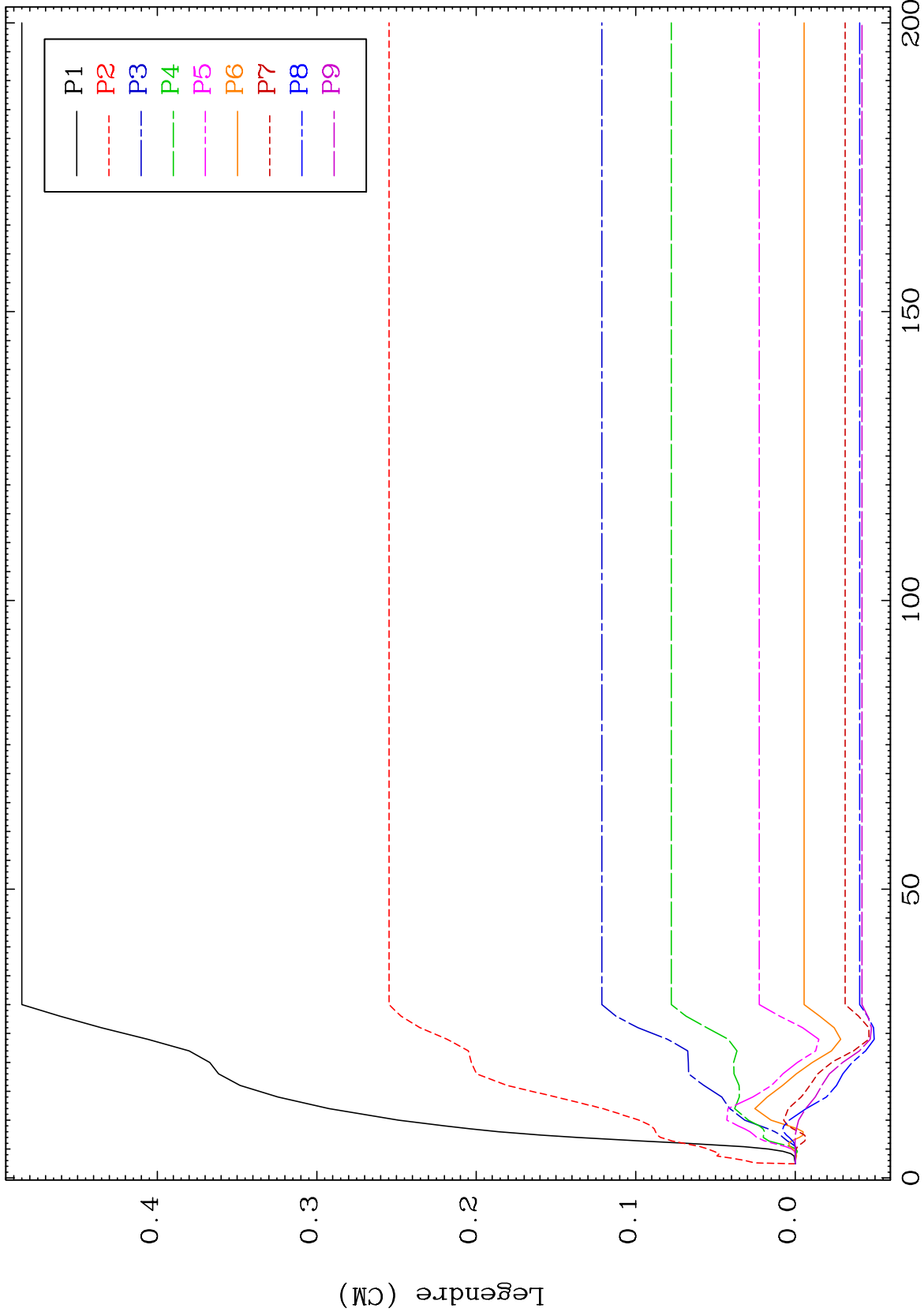




MAT 3943

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

39-Y -95



68

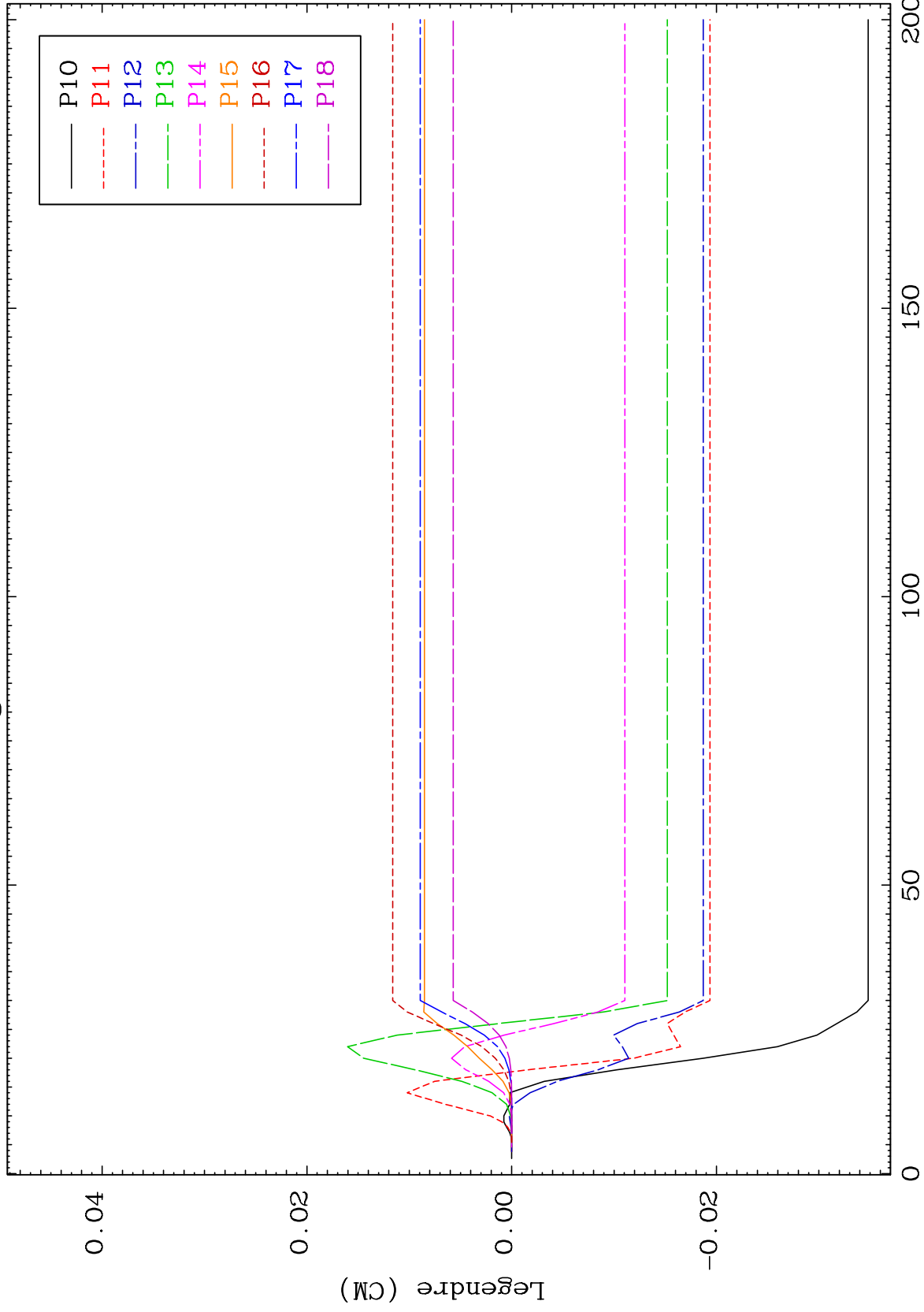
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



69

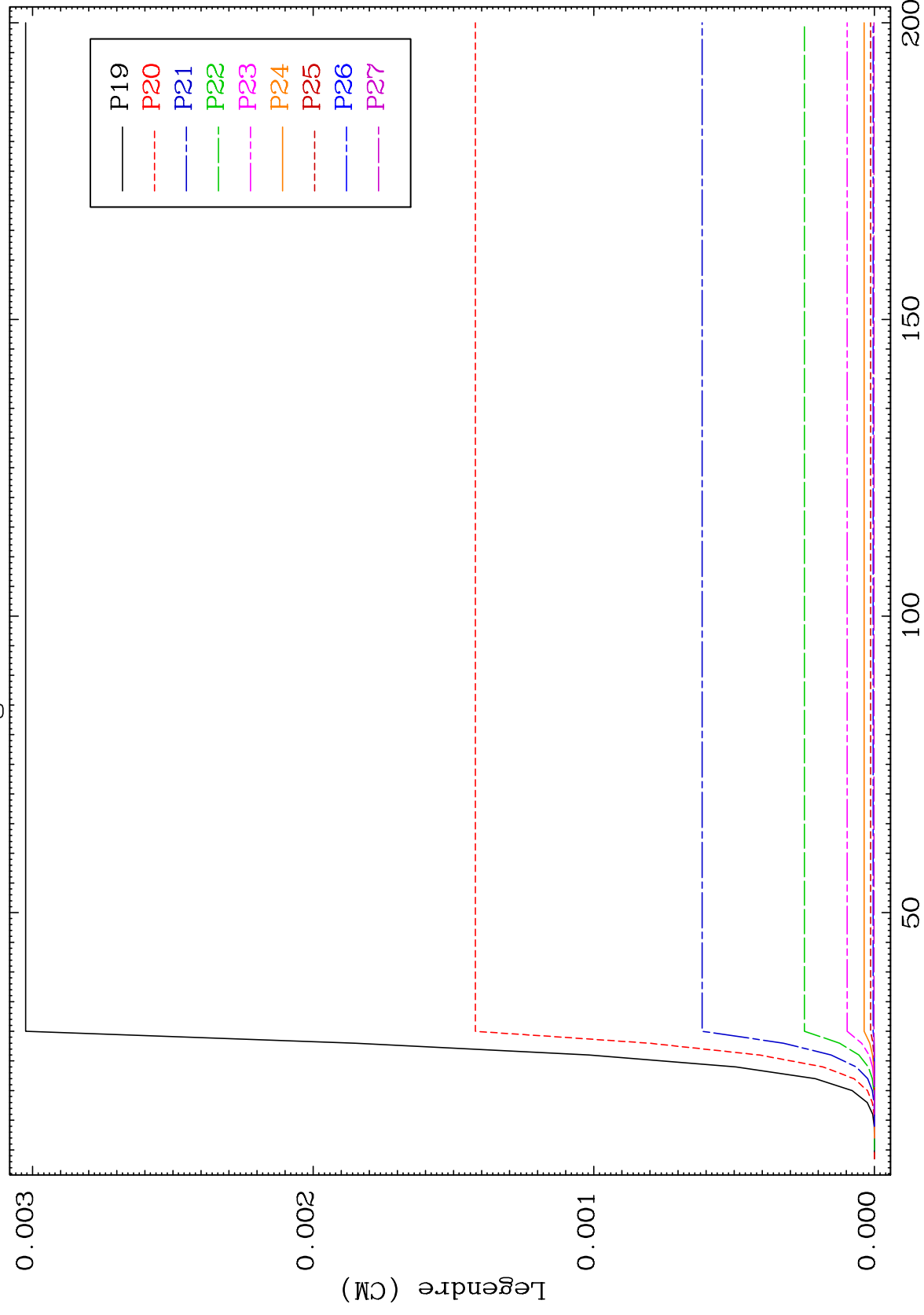
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



70

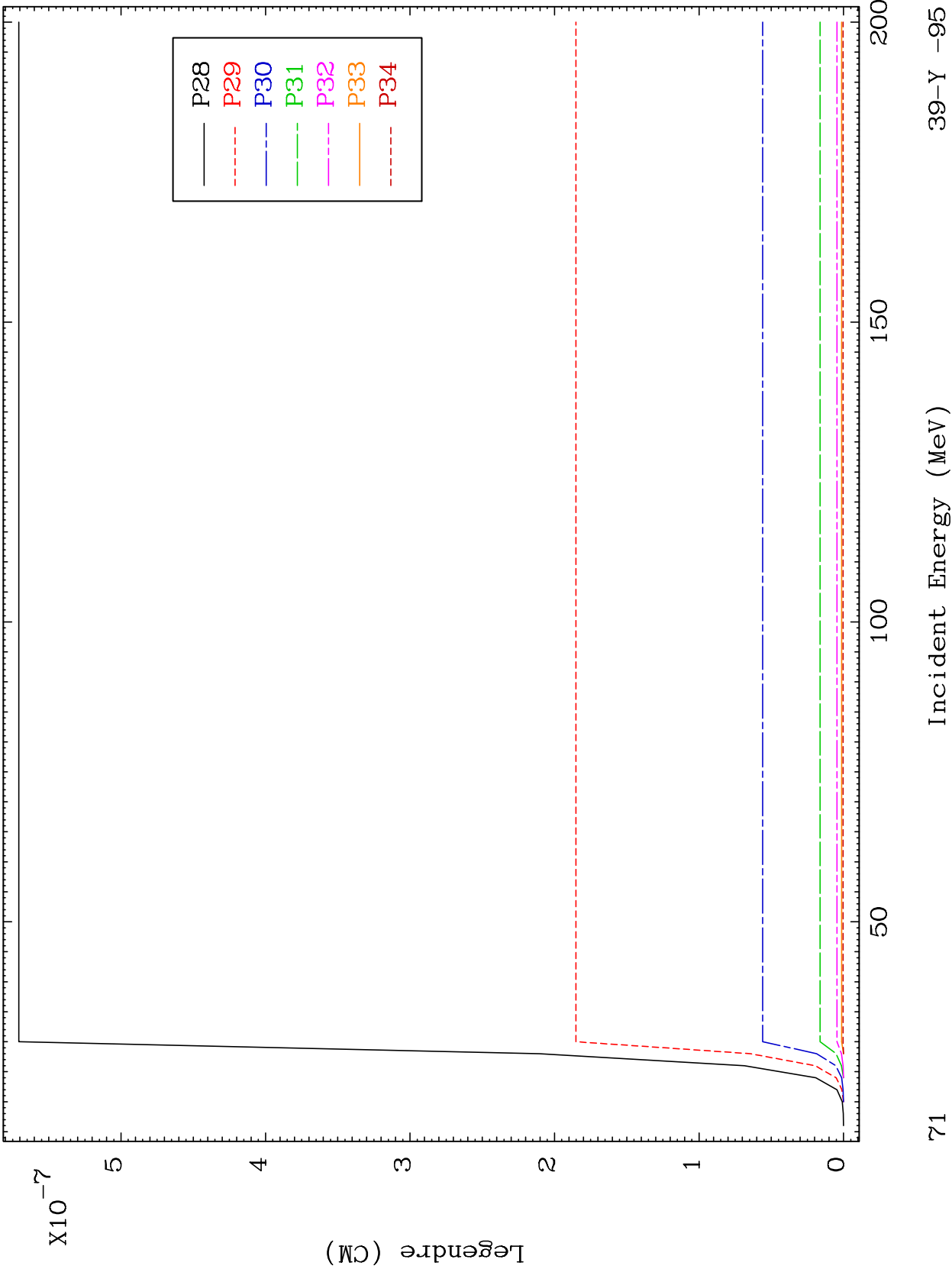
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



71

Incident Energy (MeV)

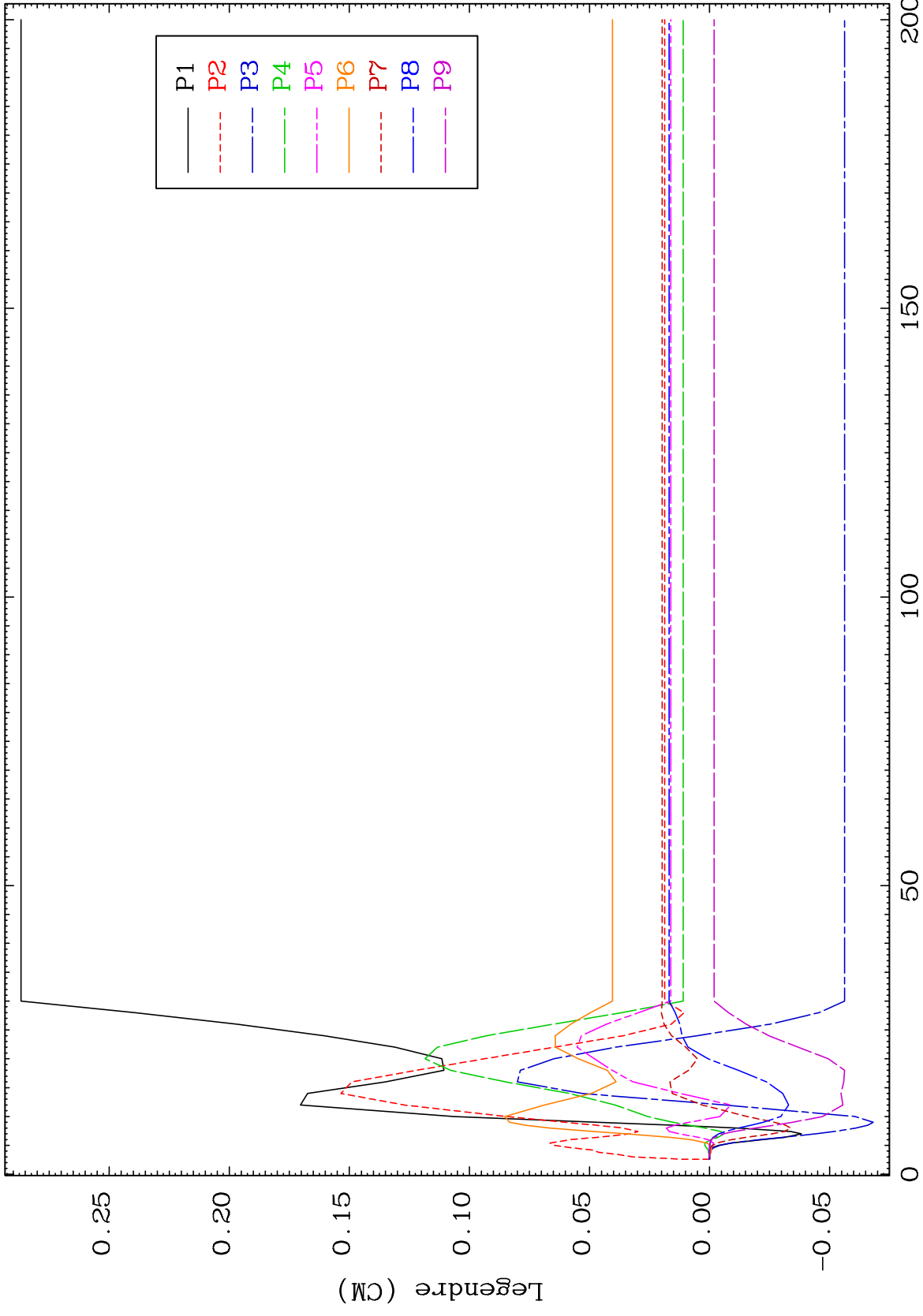
39-Y -95



MAT 3943

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

39-Y -95



72

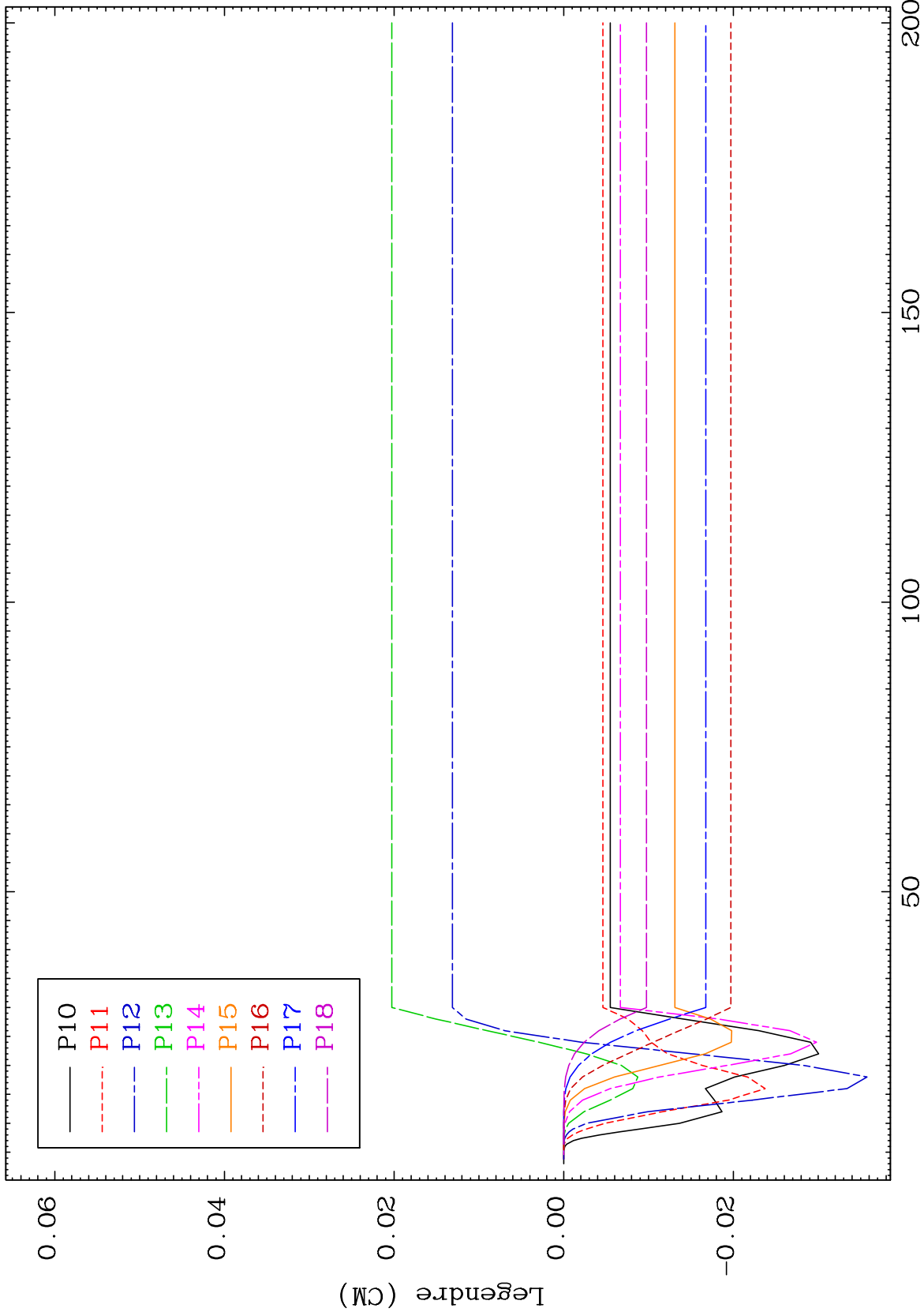
Incident Energy (MeV)

39-Y -95

MAT 3943

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

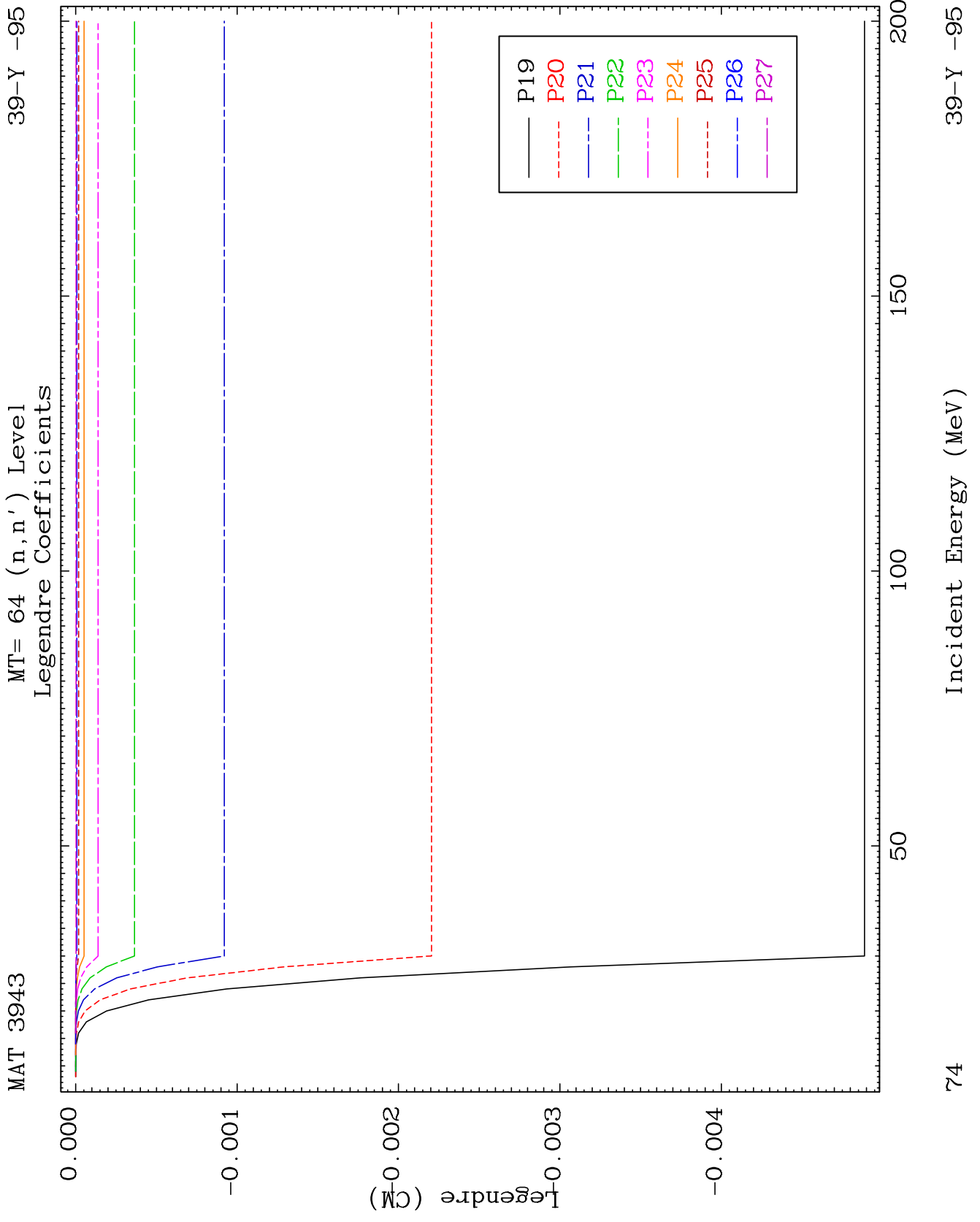
39-Y -95

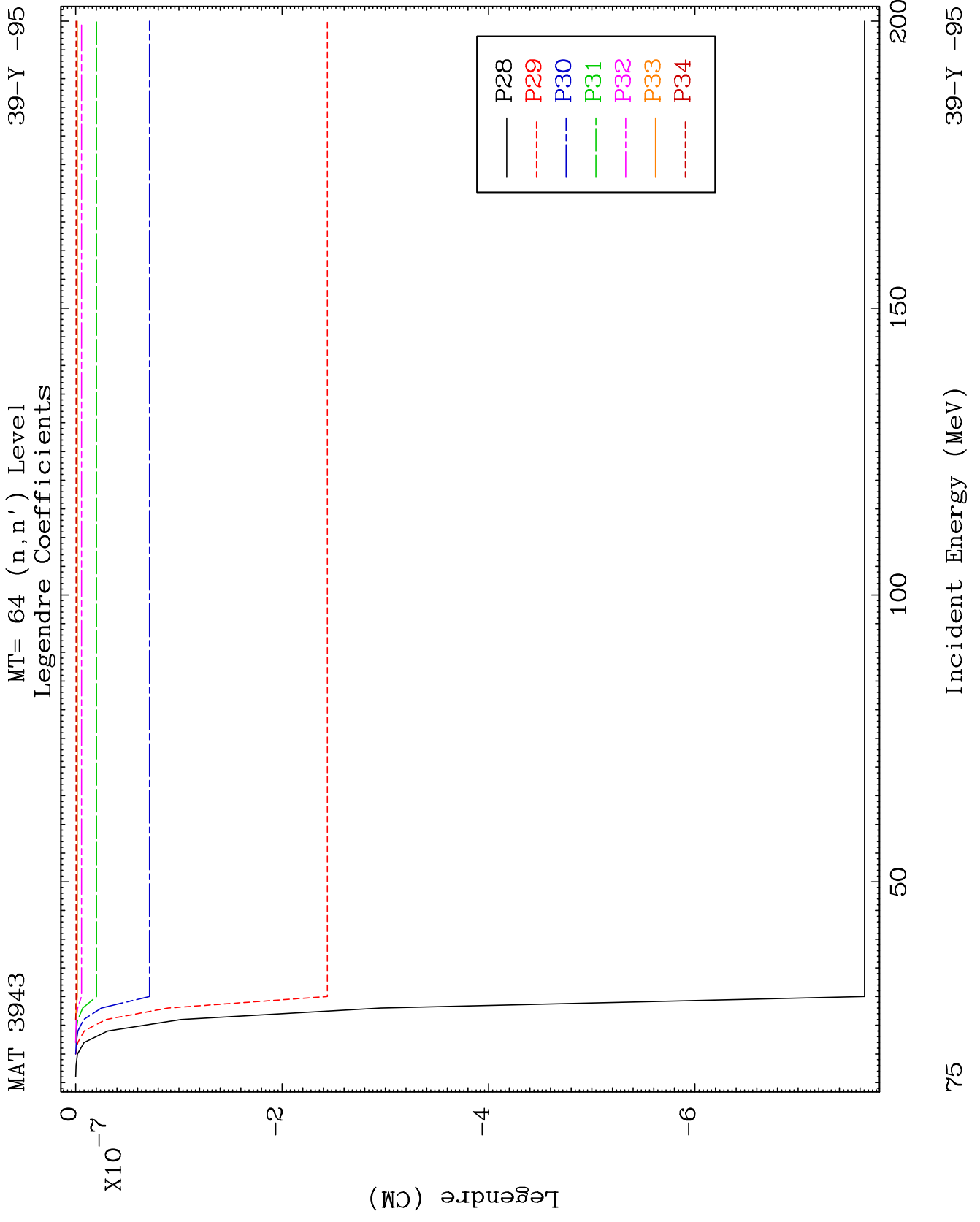


73

Incident Energy (MeV)

39-Y -95

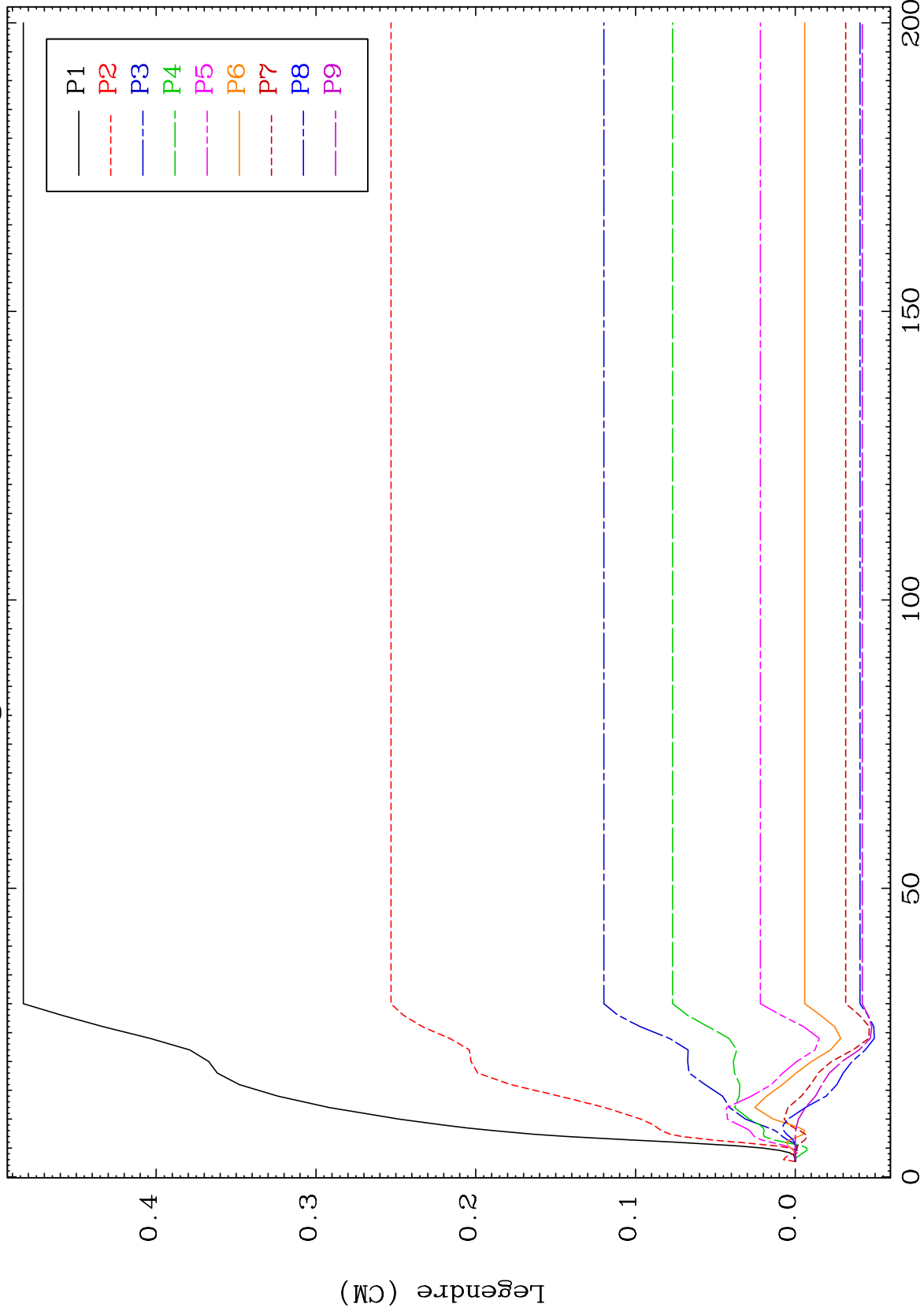




MAT 3943

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

39-Y -95



76

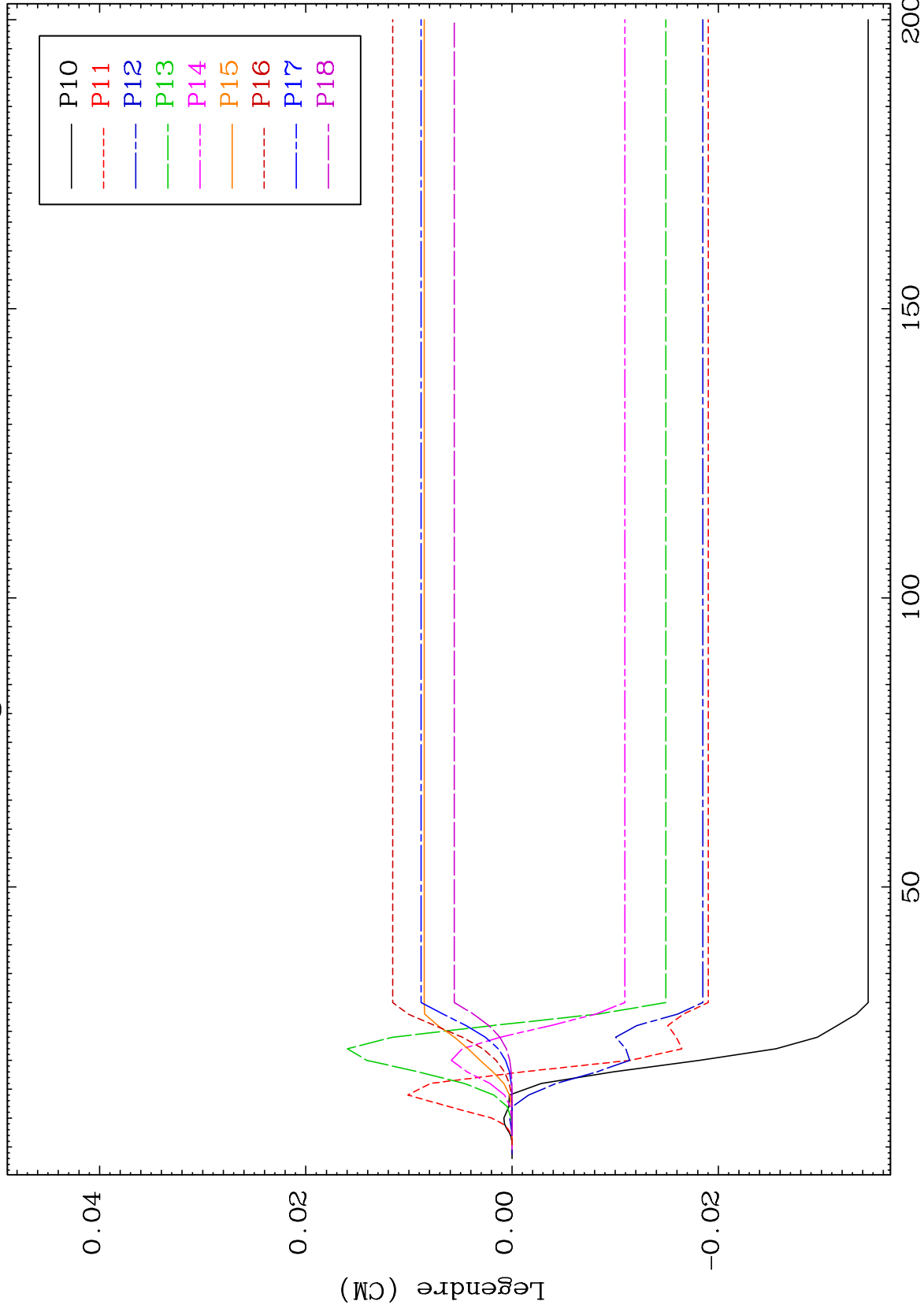
Incident Energy (MeV)

39-Y -95

MAT 3943

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

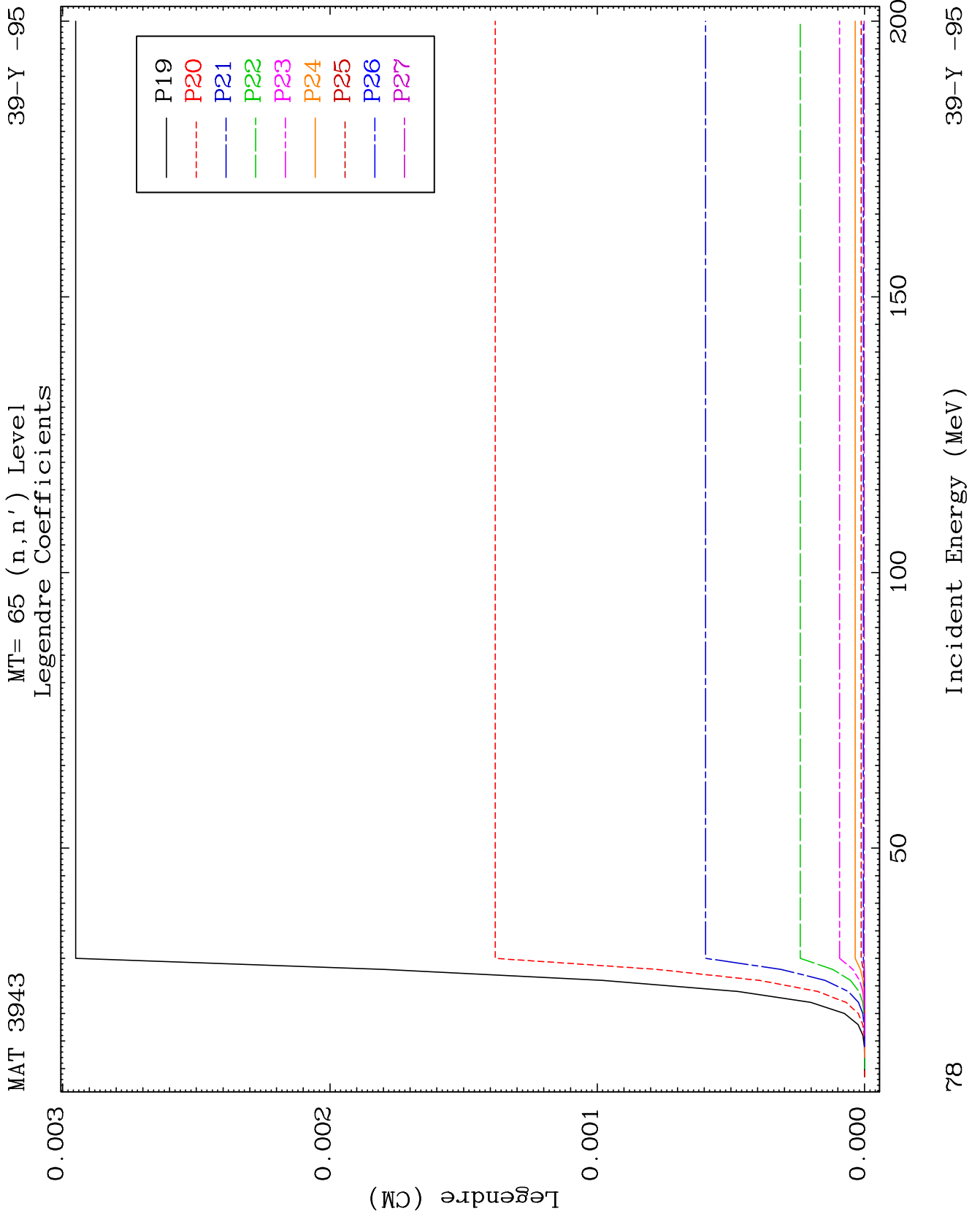
39-Y -95



77

Incident Energy (MeV)

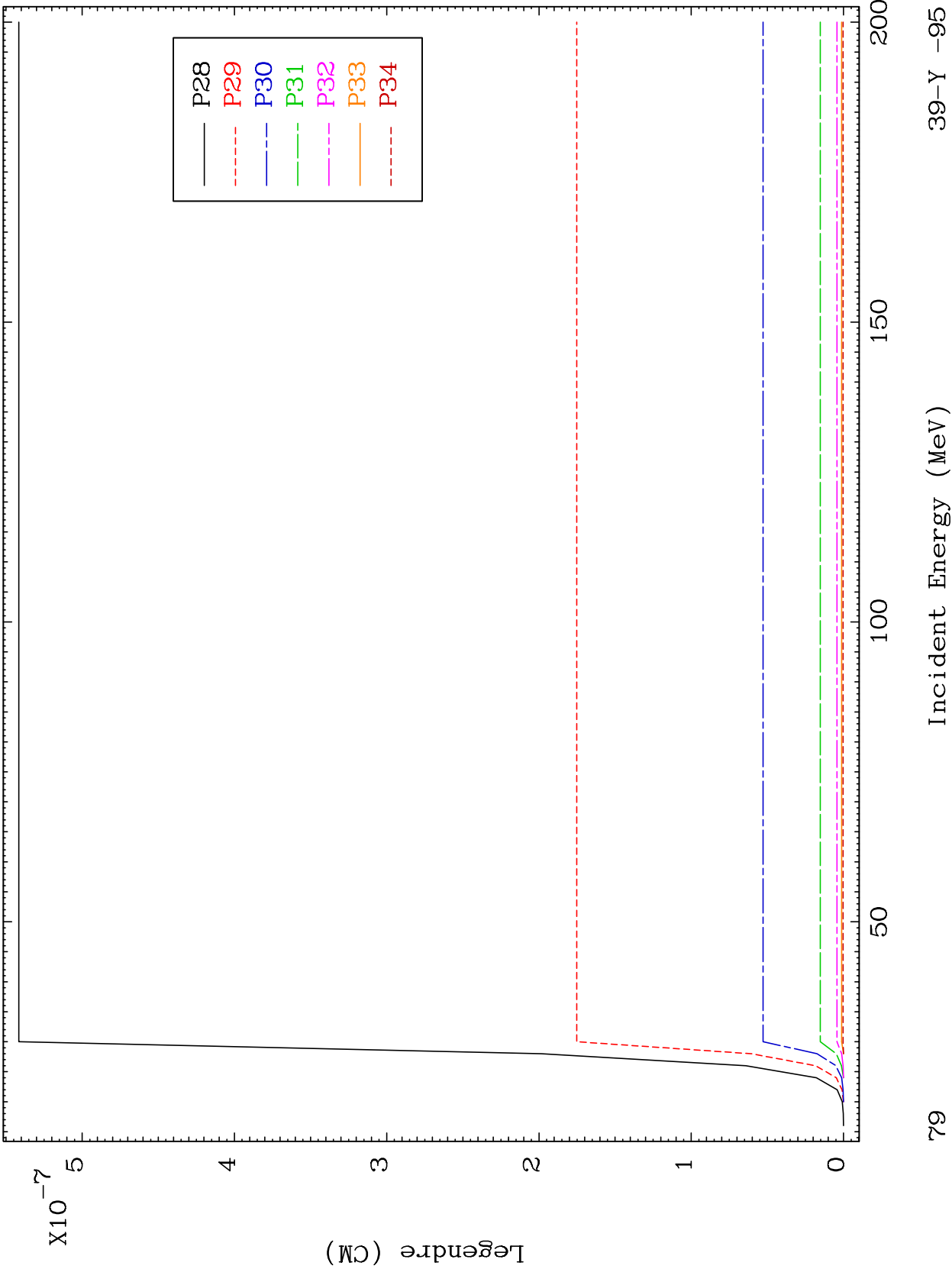
39-Y -95



MAT 3943

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

39-Y -95



79

Incident Energy (MeV)

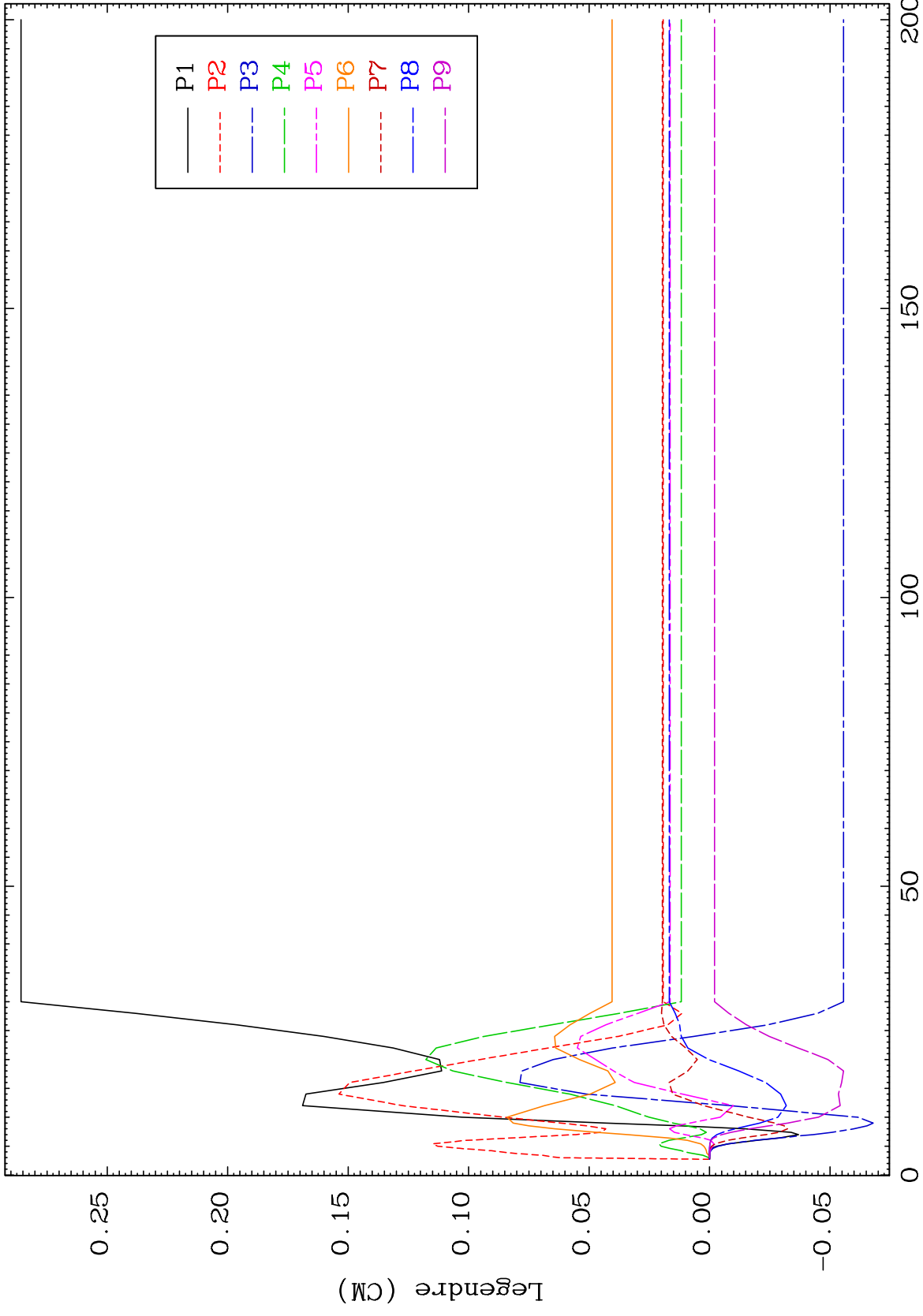
39-Y -95



MAT 3943

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

39-Y -95



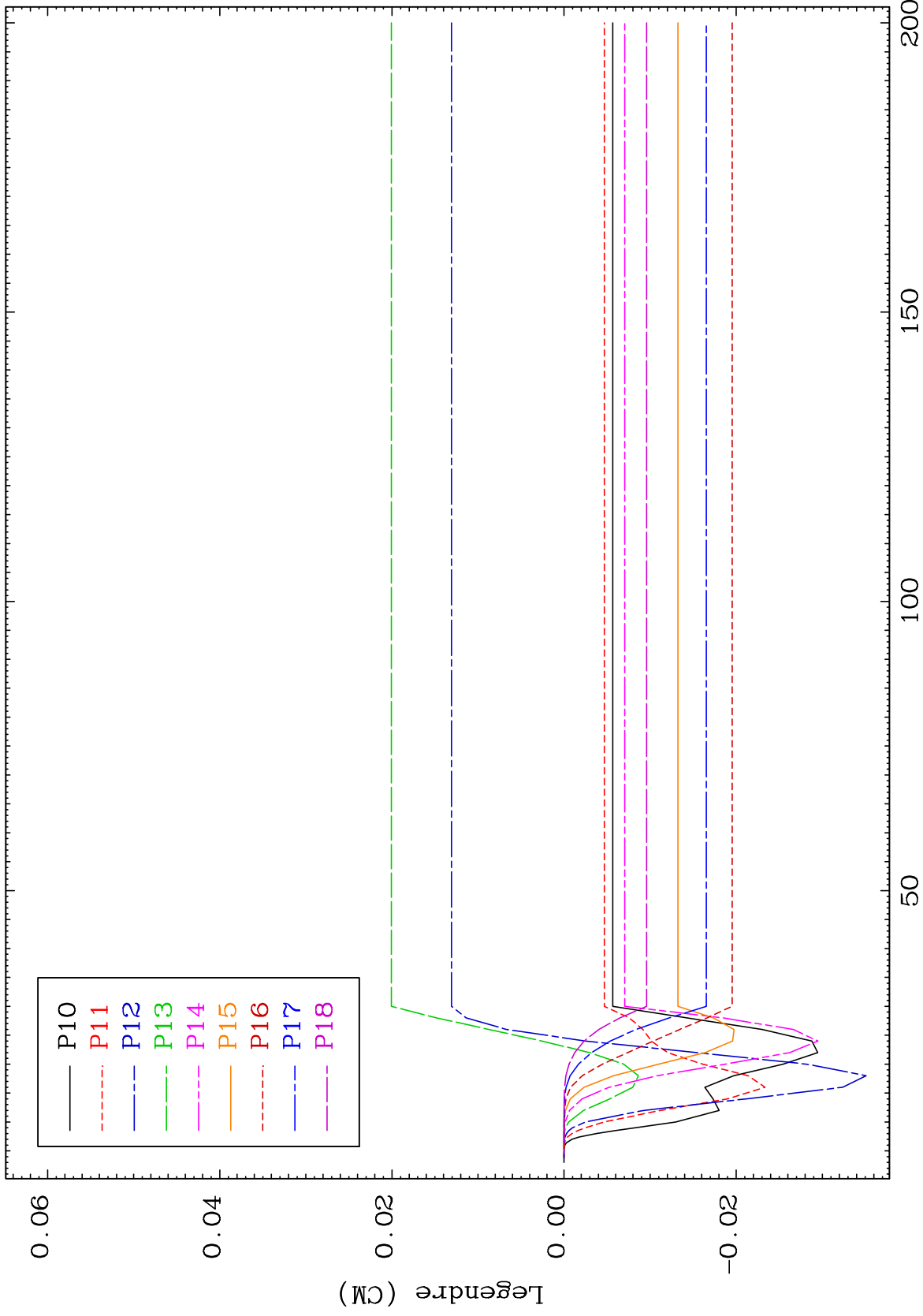
Incident Energy (MeV)

39-Y -95

MAT 3943

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

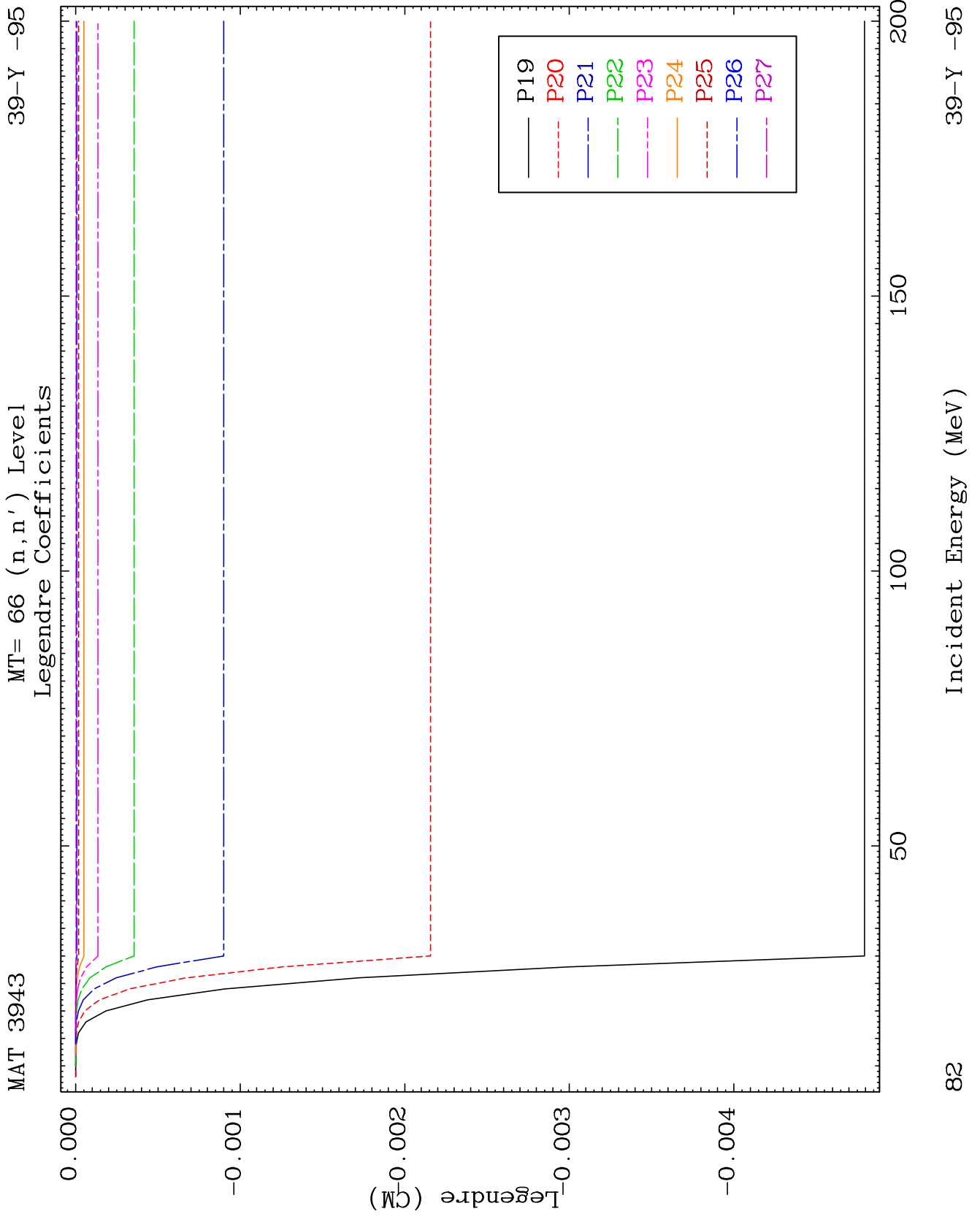
39-Y -95

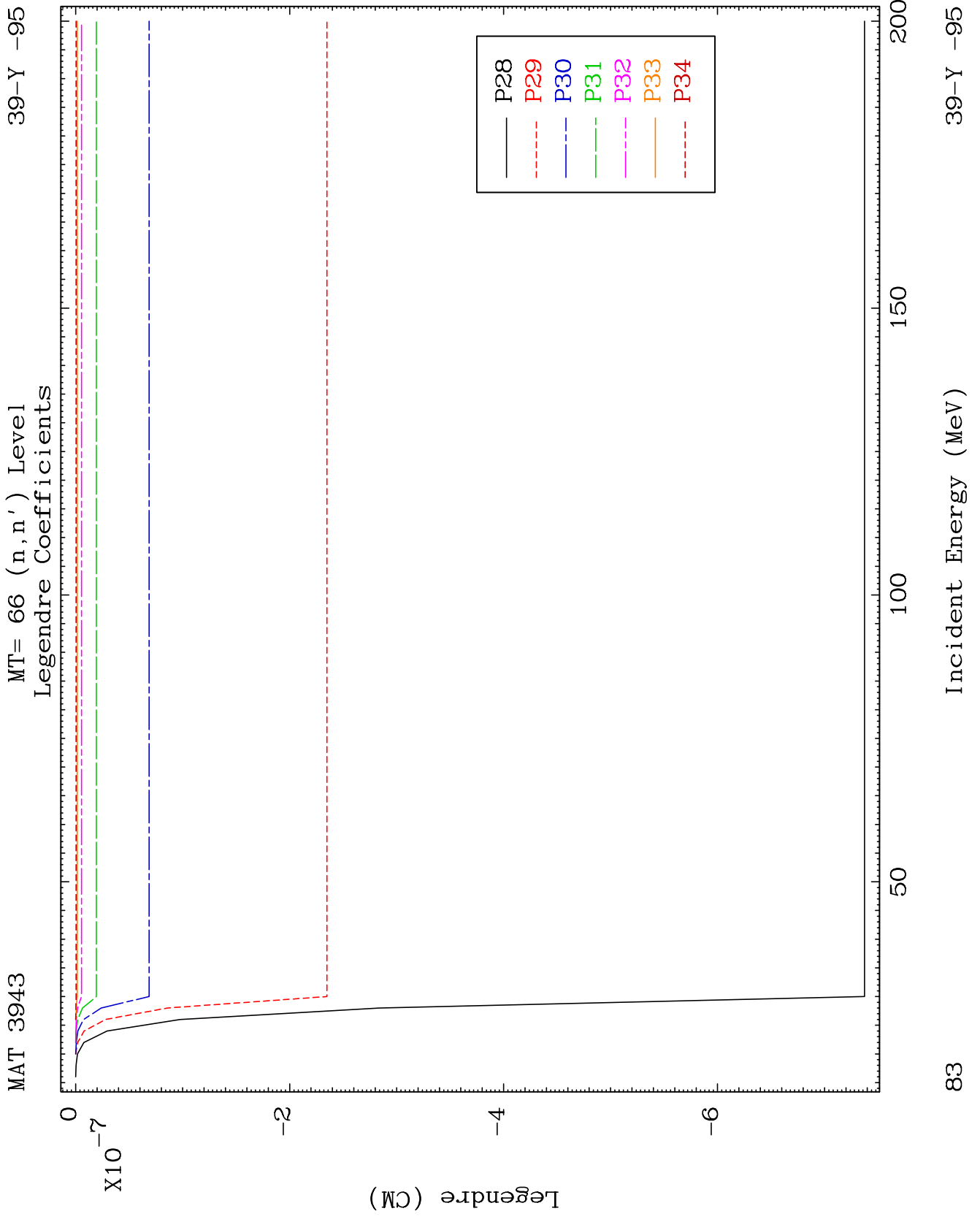


81

Incident Energy (MeV)

39-Y -95

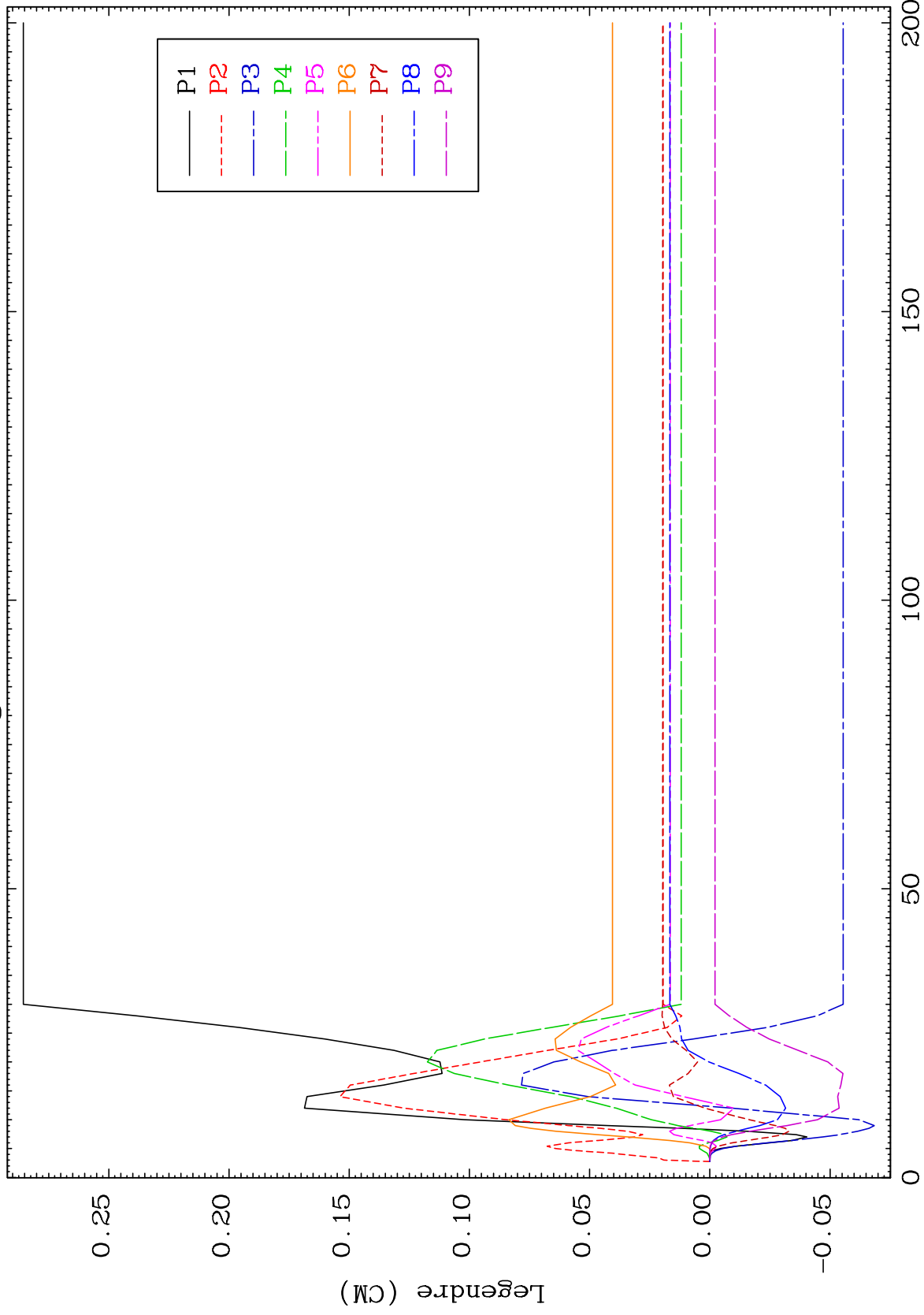




MAT 3943

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

39-Y -95



84

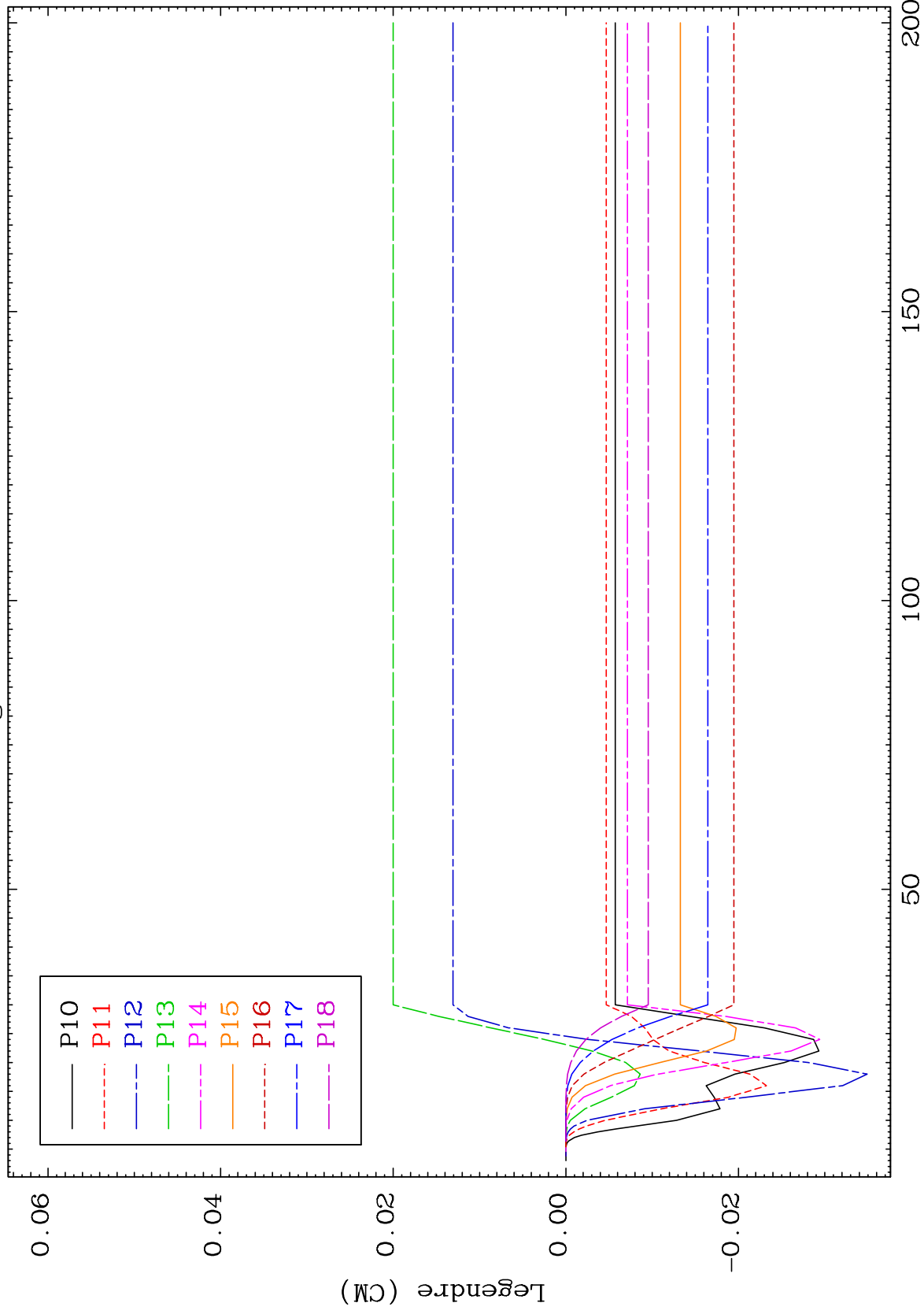
Incident Energy (MeV)

39-Y -95

MAT 3943

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

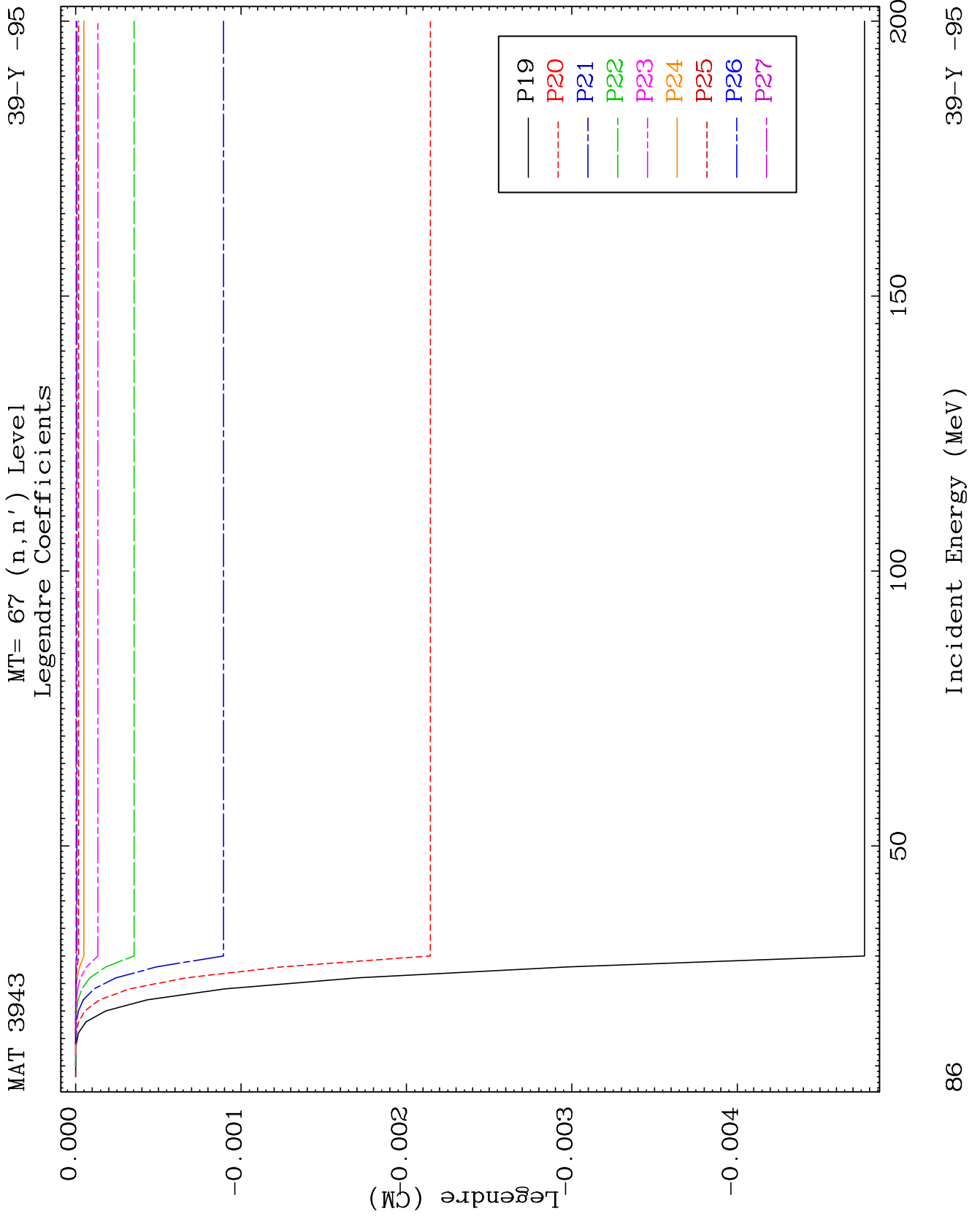
39-Y -95

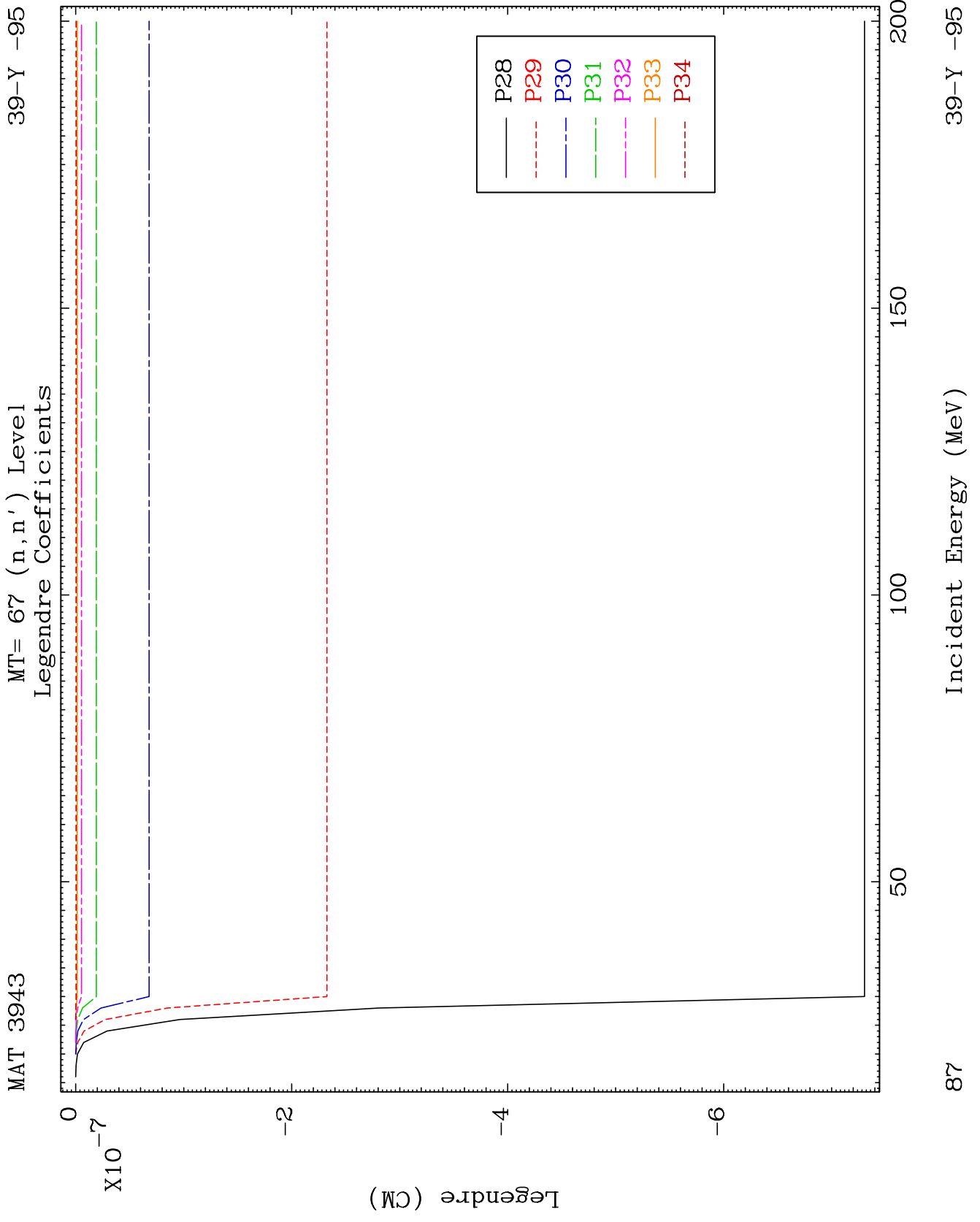


85

Incident Energy (MeV)

39-Y -95



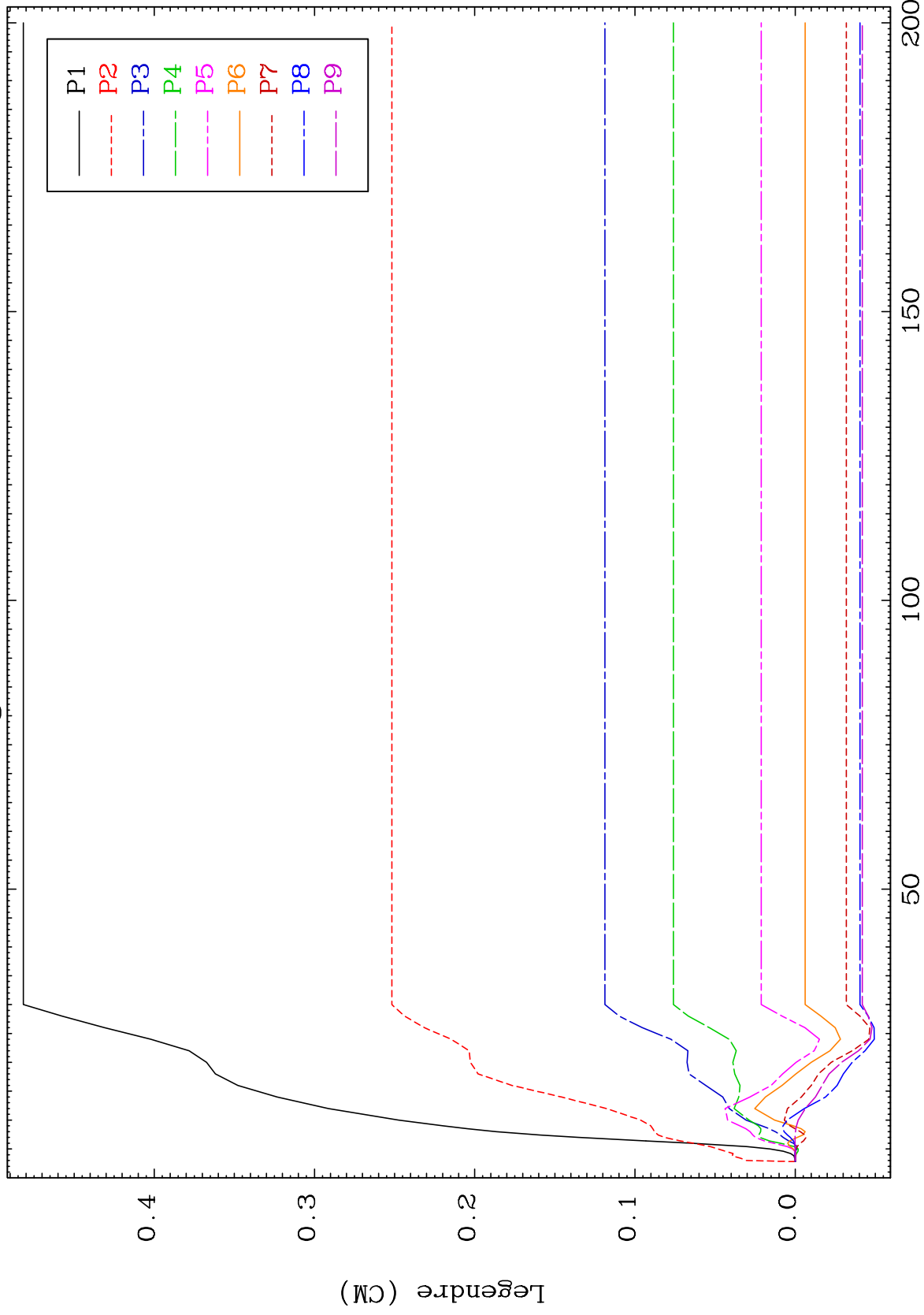




MAT 3943

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

39-Y -95



88

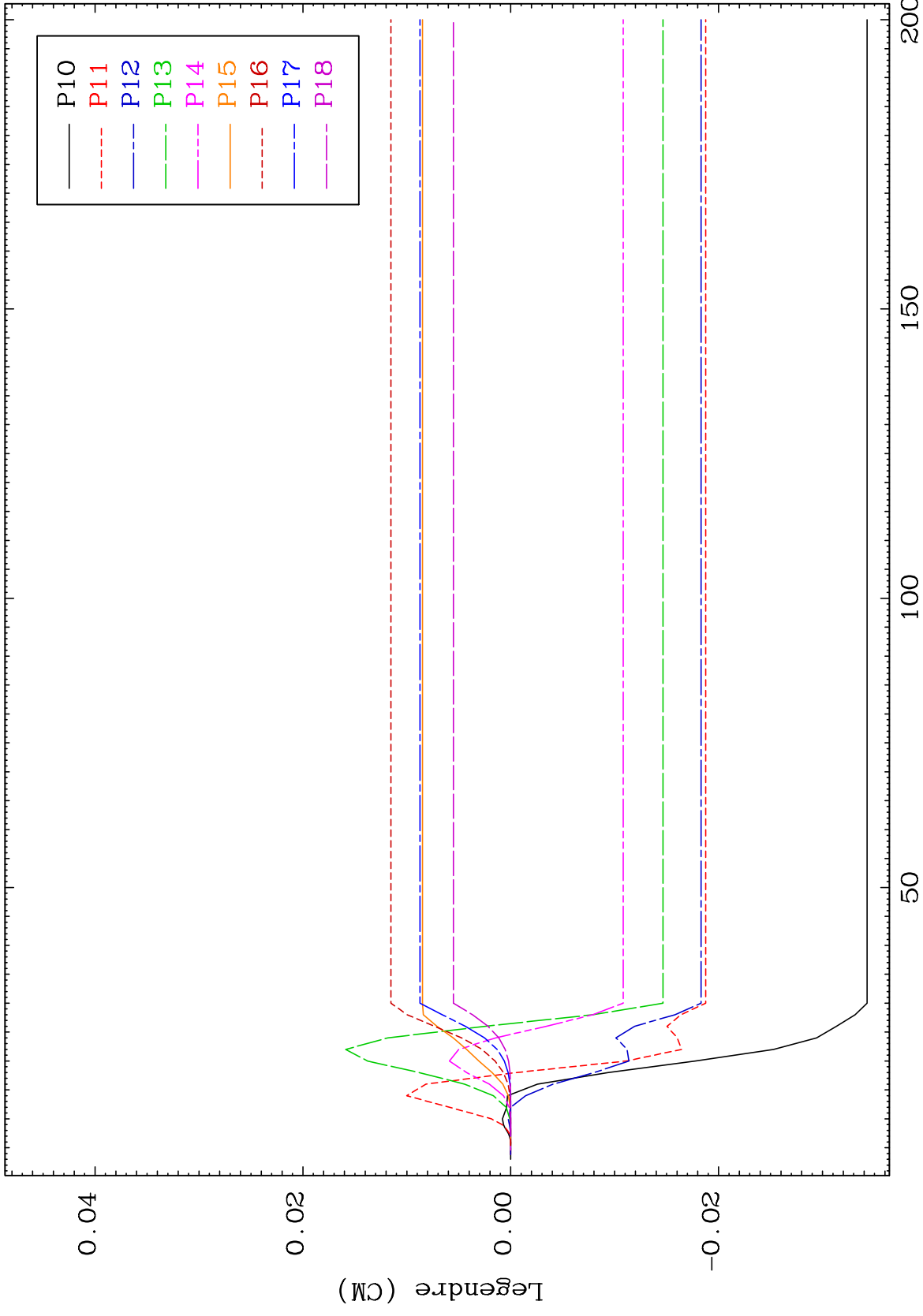
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



89

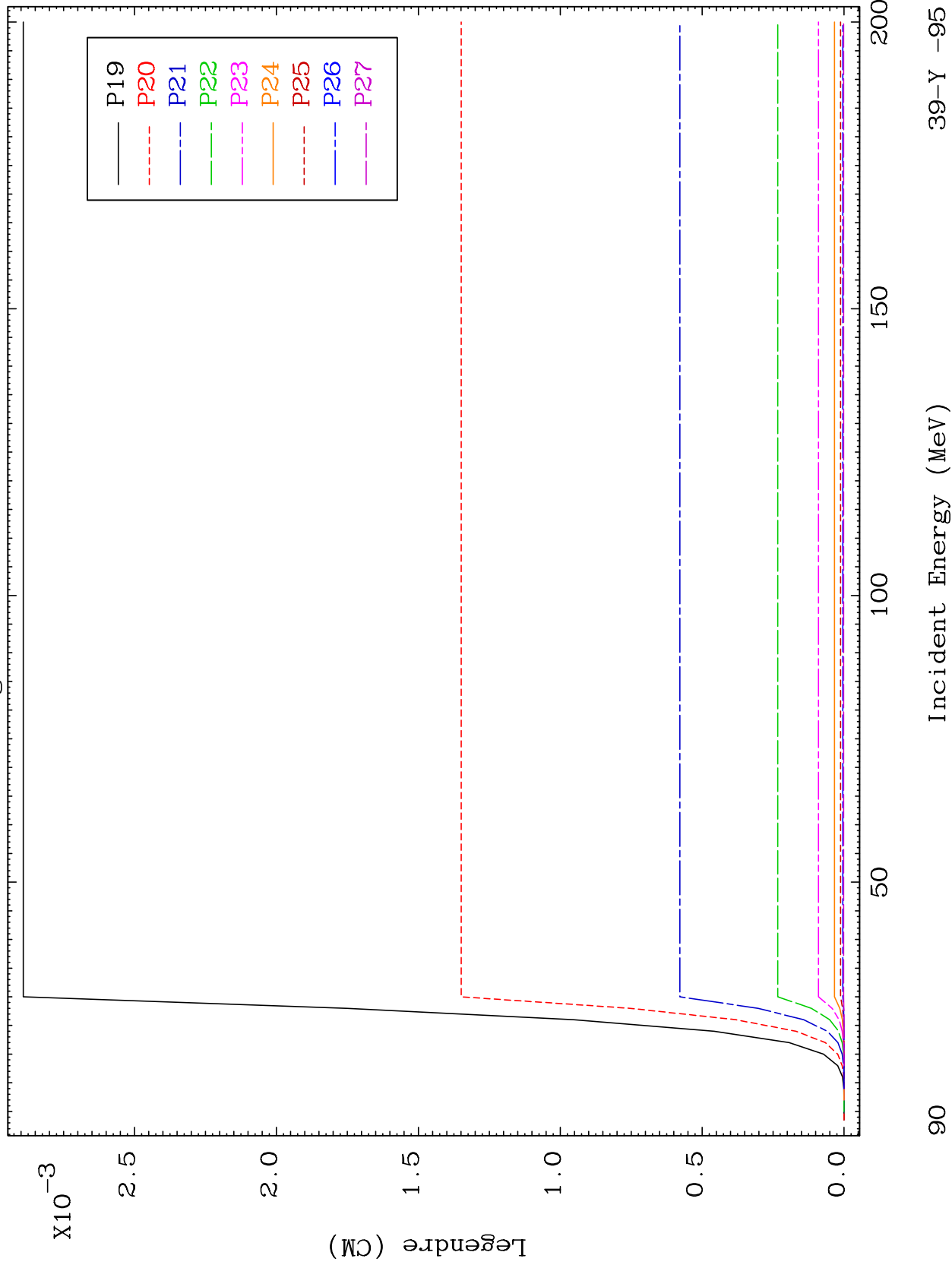
Incident Energy (MeV)

39-Y -95

MAT 3943

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

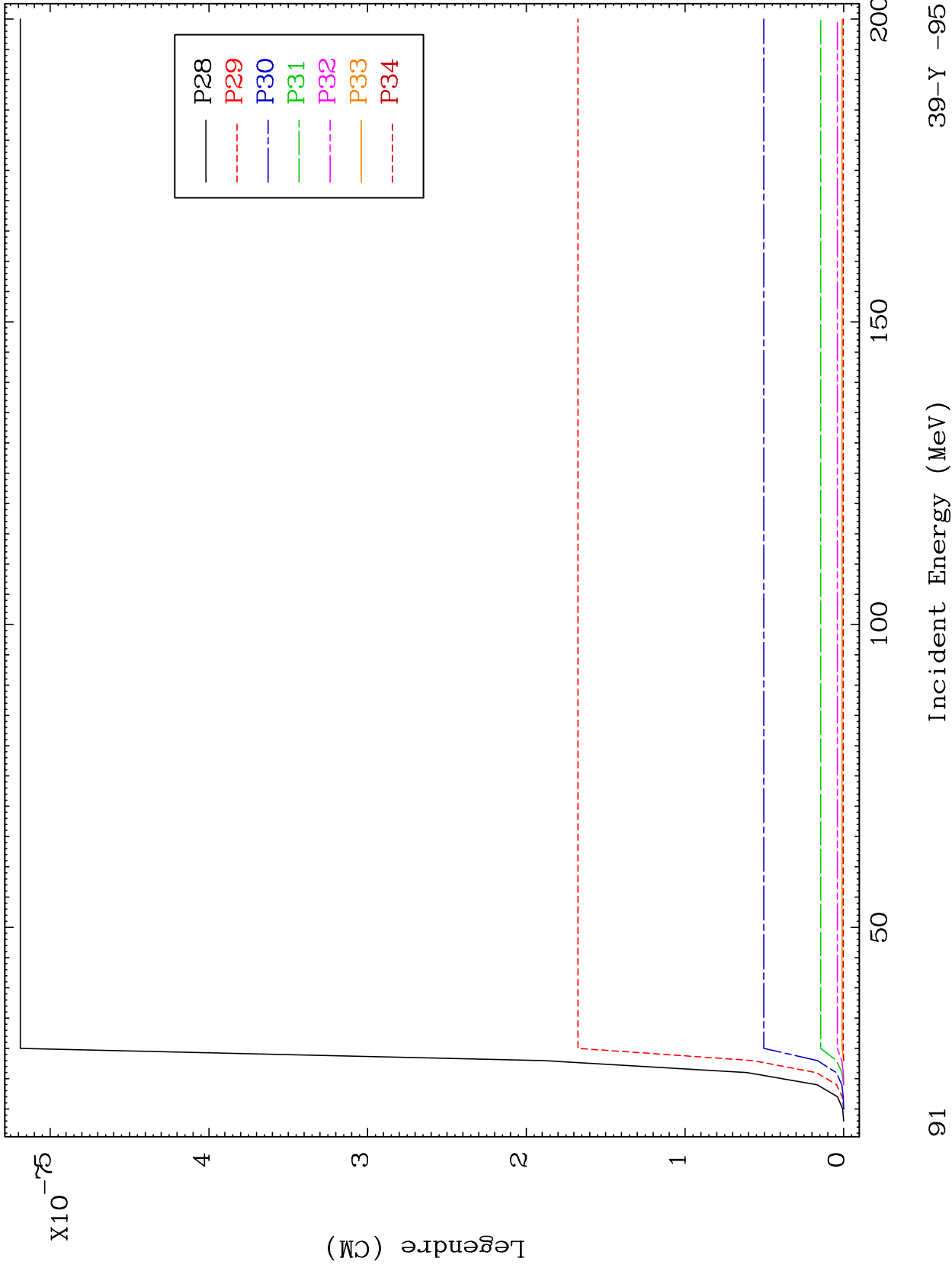
39-Y -95



MAT 3943

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

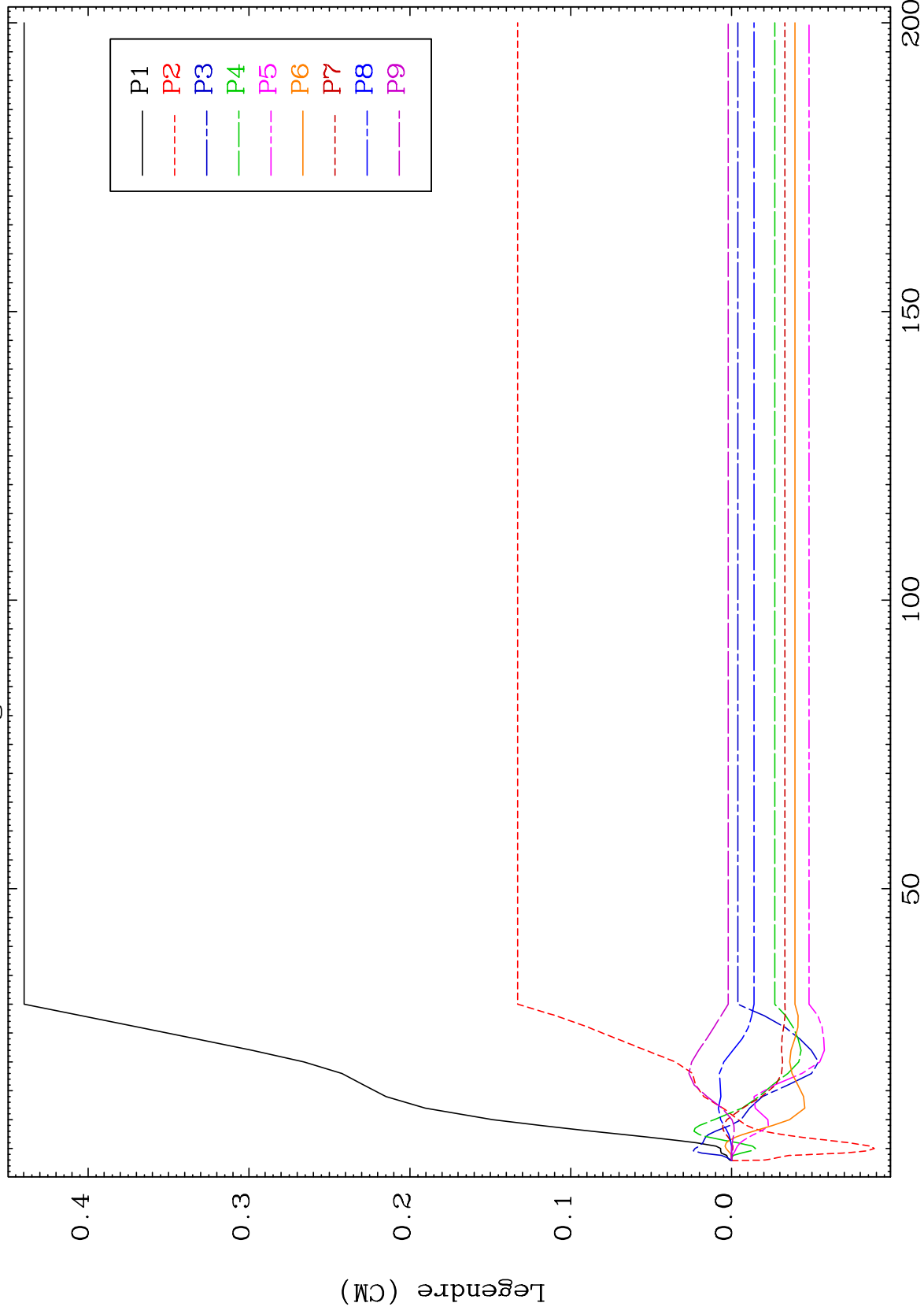
39-Y -95



MAT 3943

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

39-Y -95



92

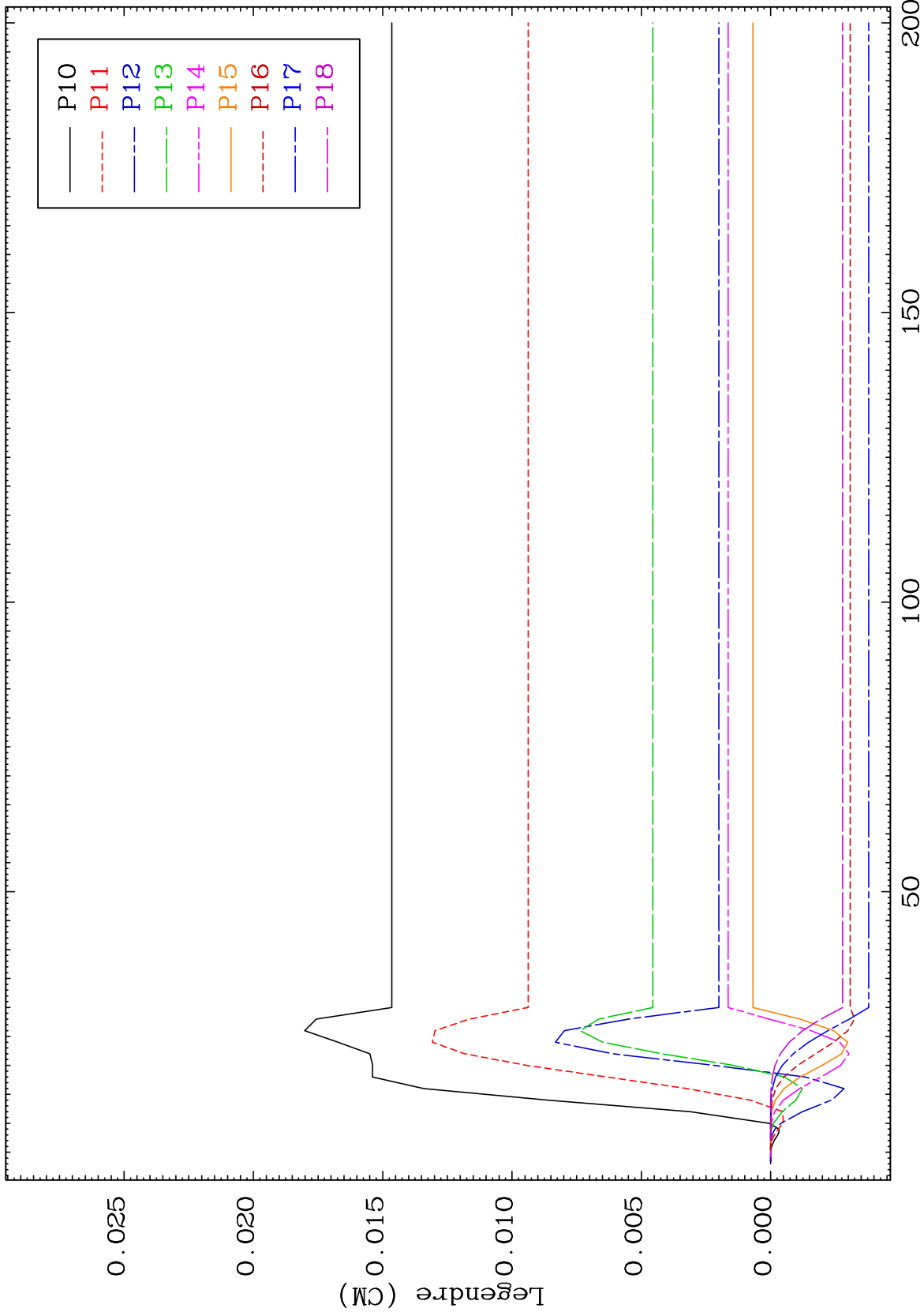
Incident Energy (MeV)

39-Y -95

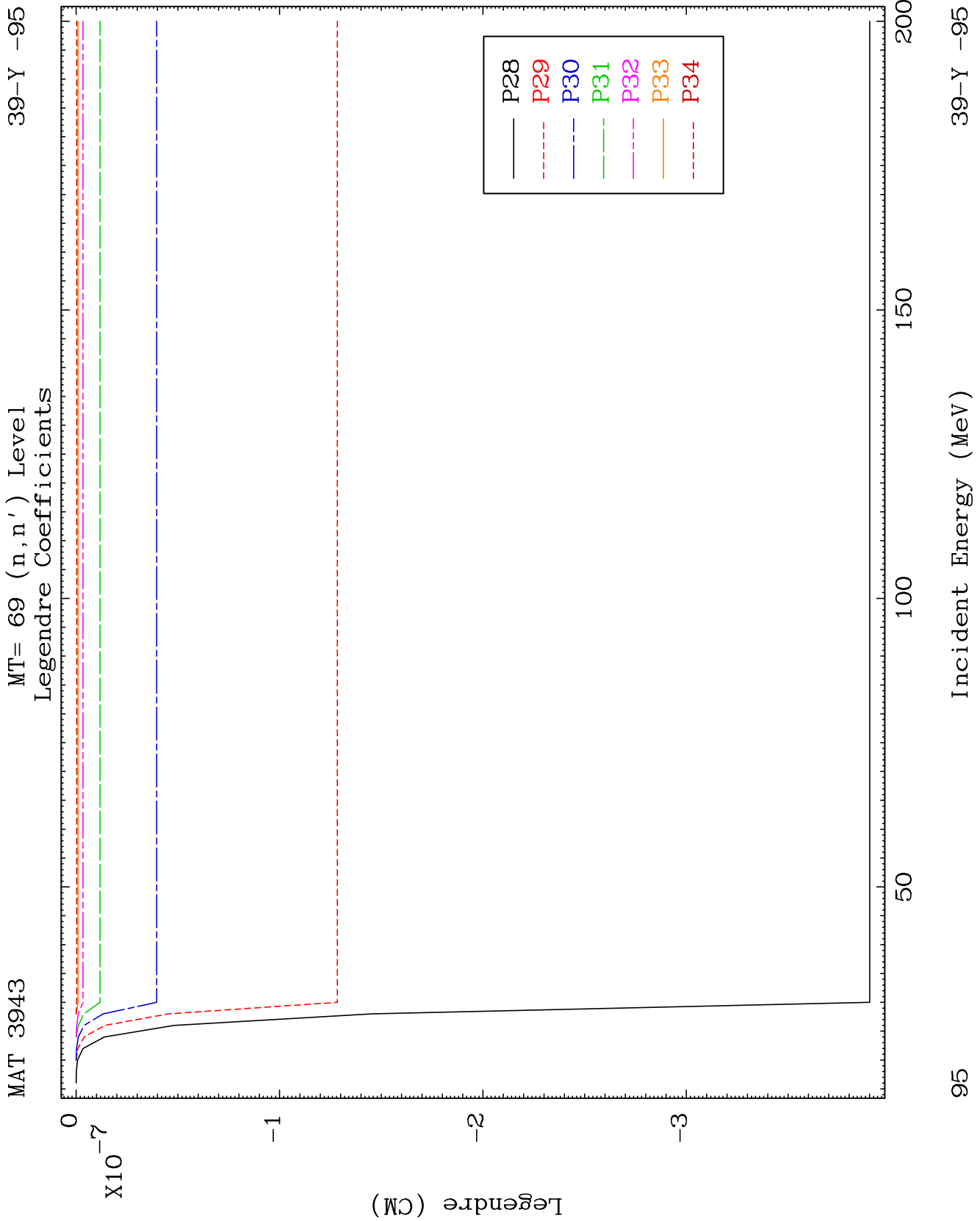
MAT 3943

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

39-Y -95





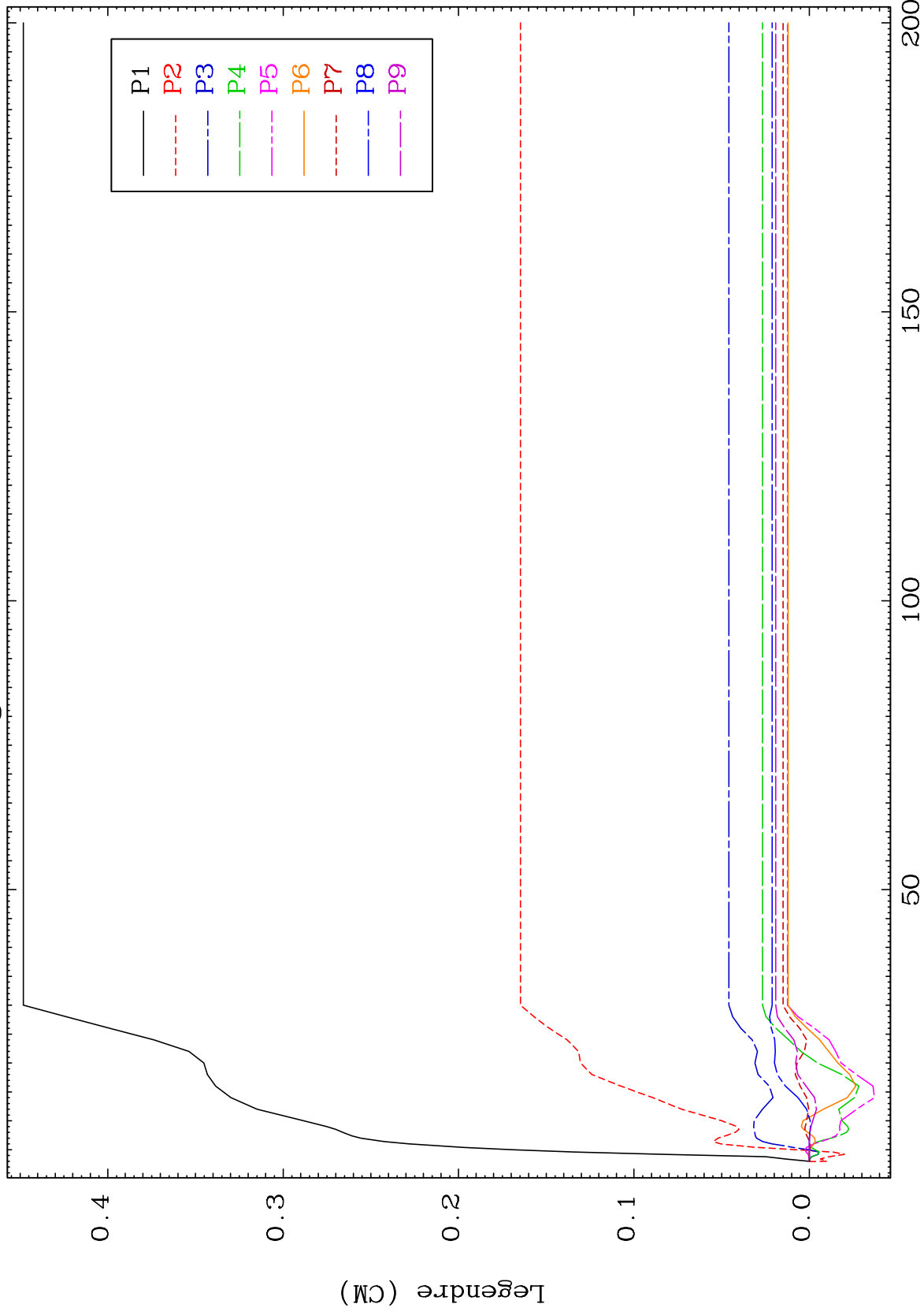




MAT 3943

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

39-Y -95



96

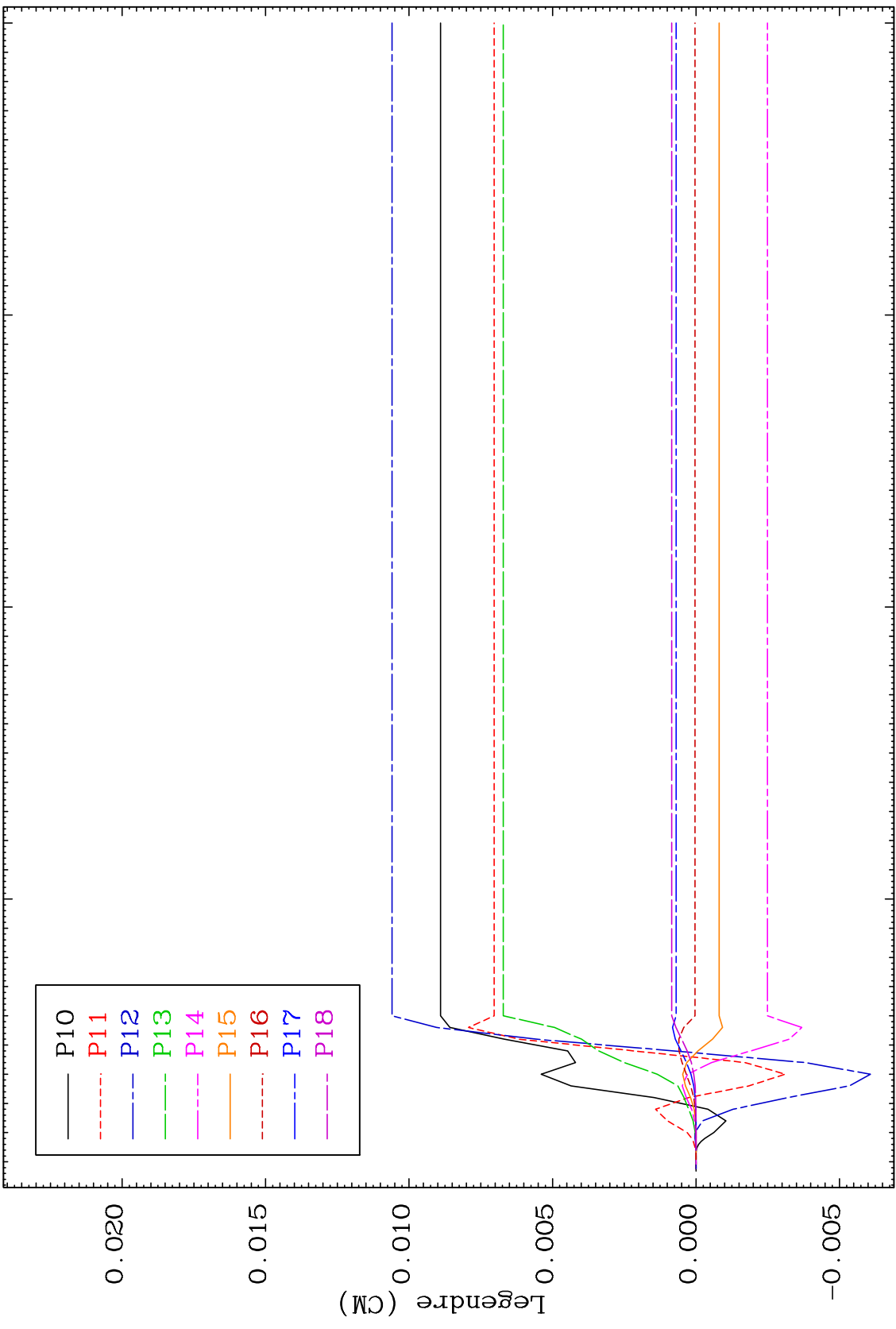
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



200

150

100

50

Incident Energy (MeV)

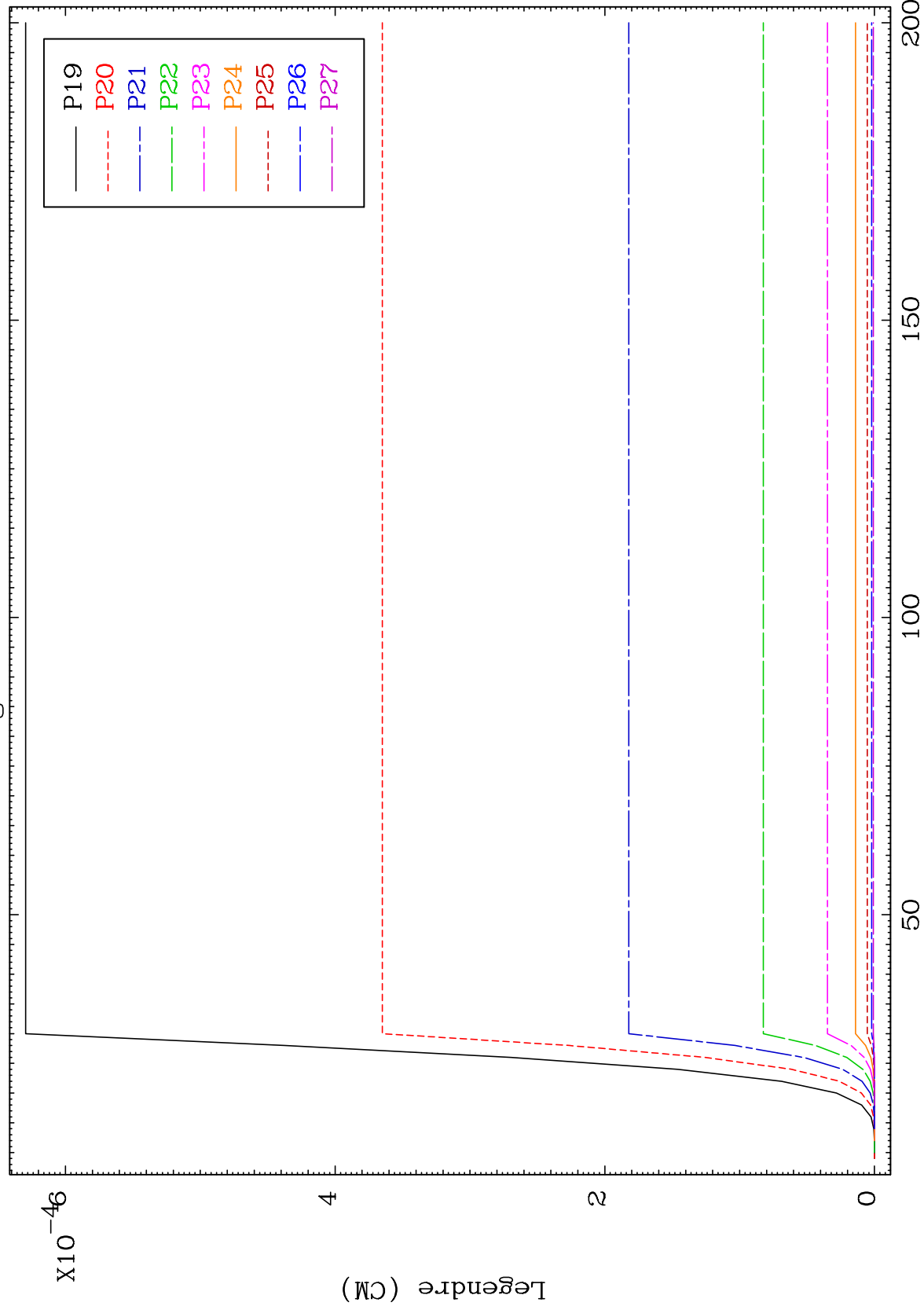
39-Y -95

97

MAT 3943

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

39-Y -95



$\times 10^{-46}$

Legendre (CM)

98

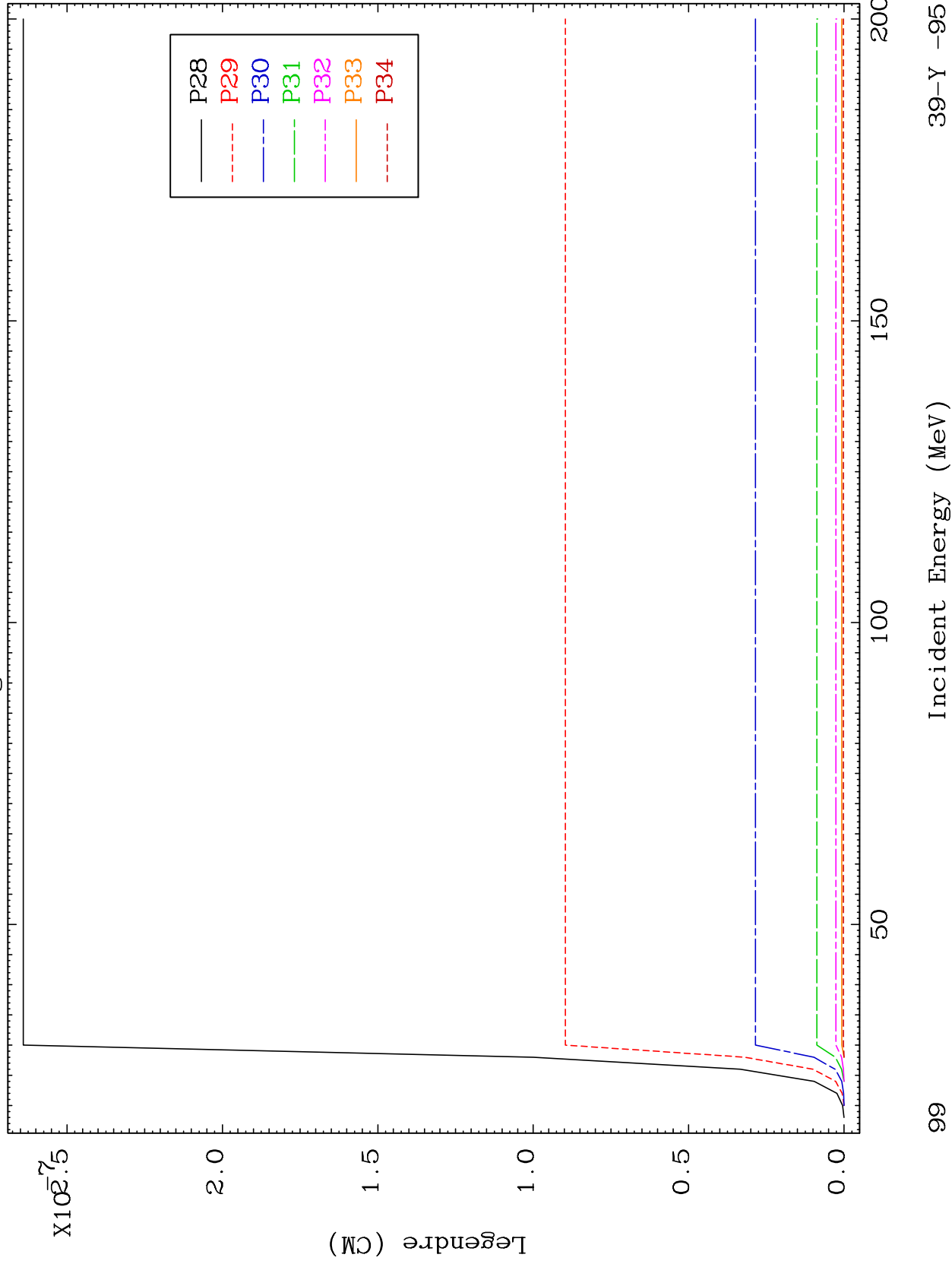
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



99

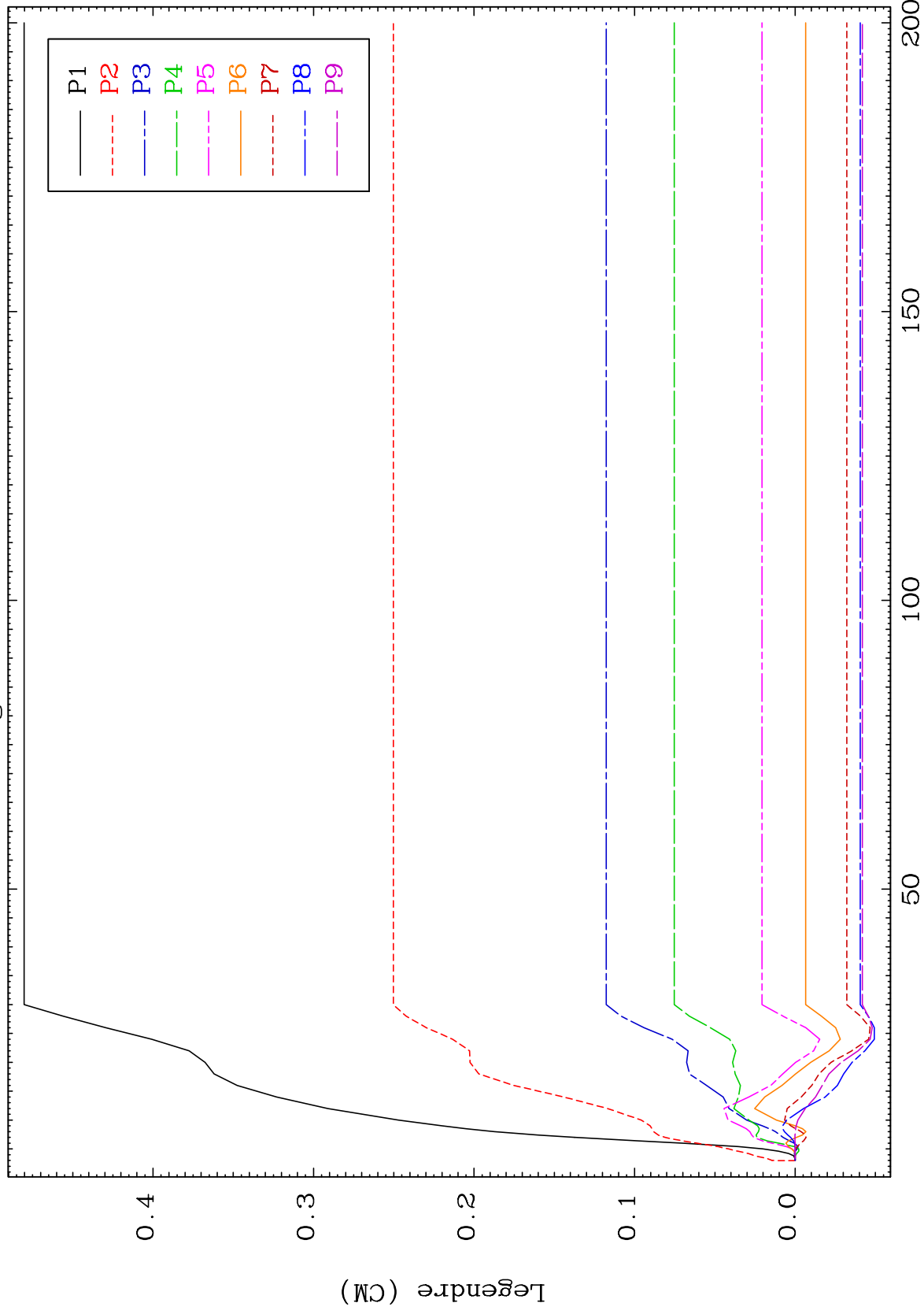
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



100

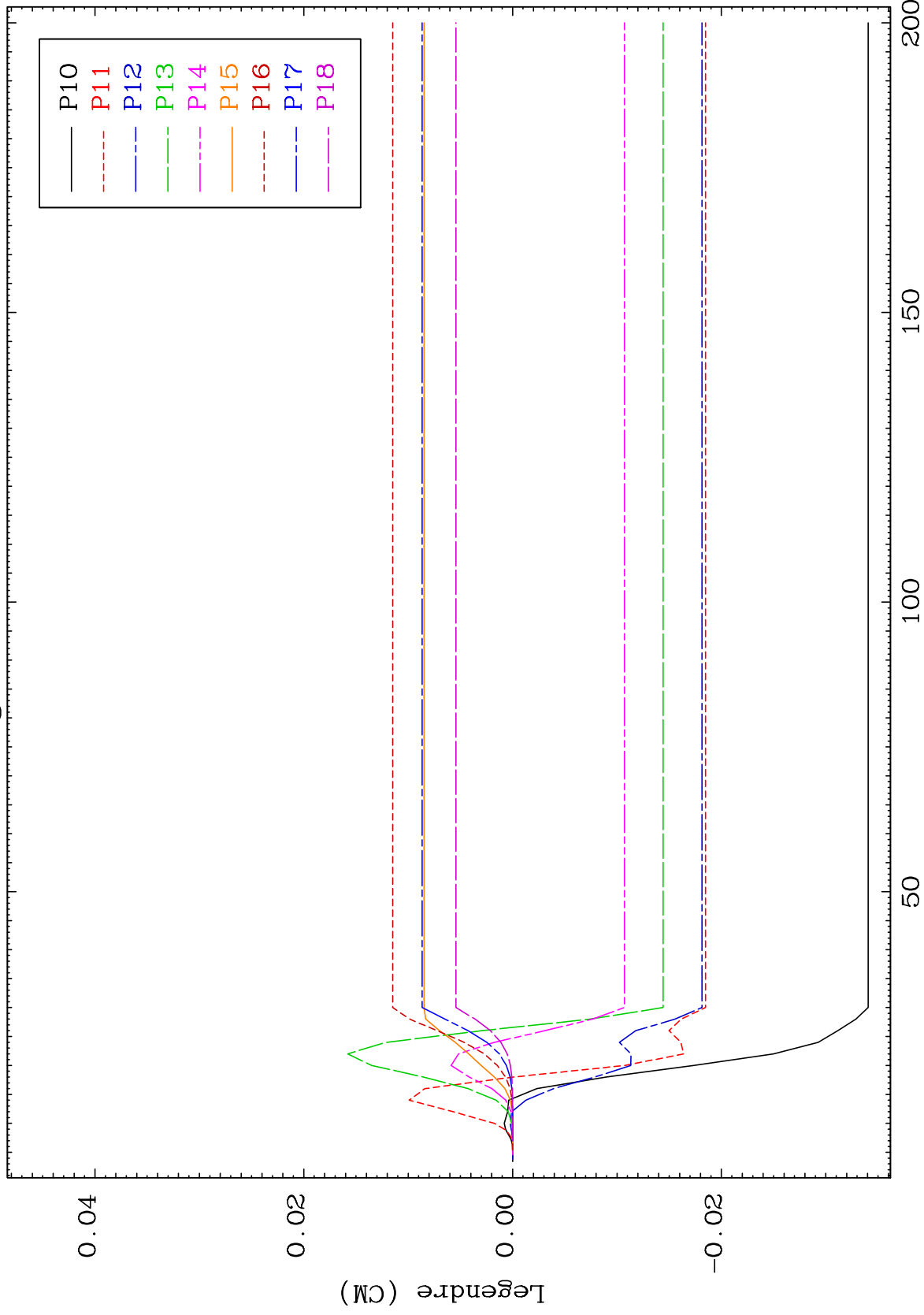
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



101

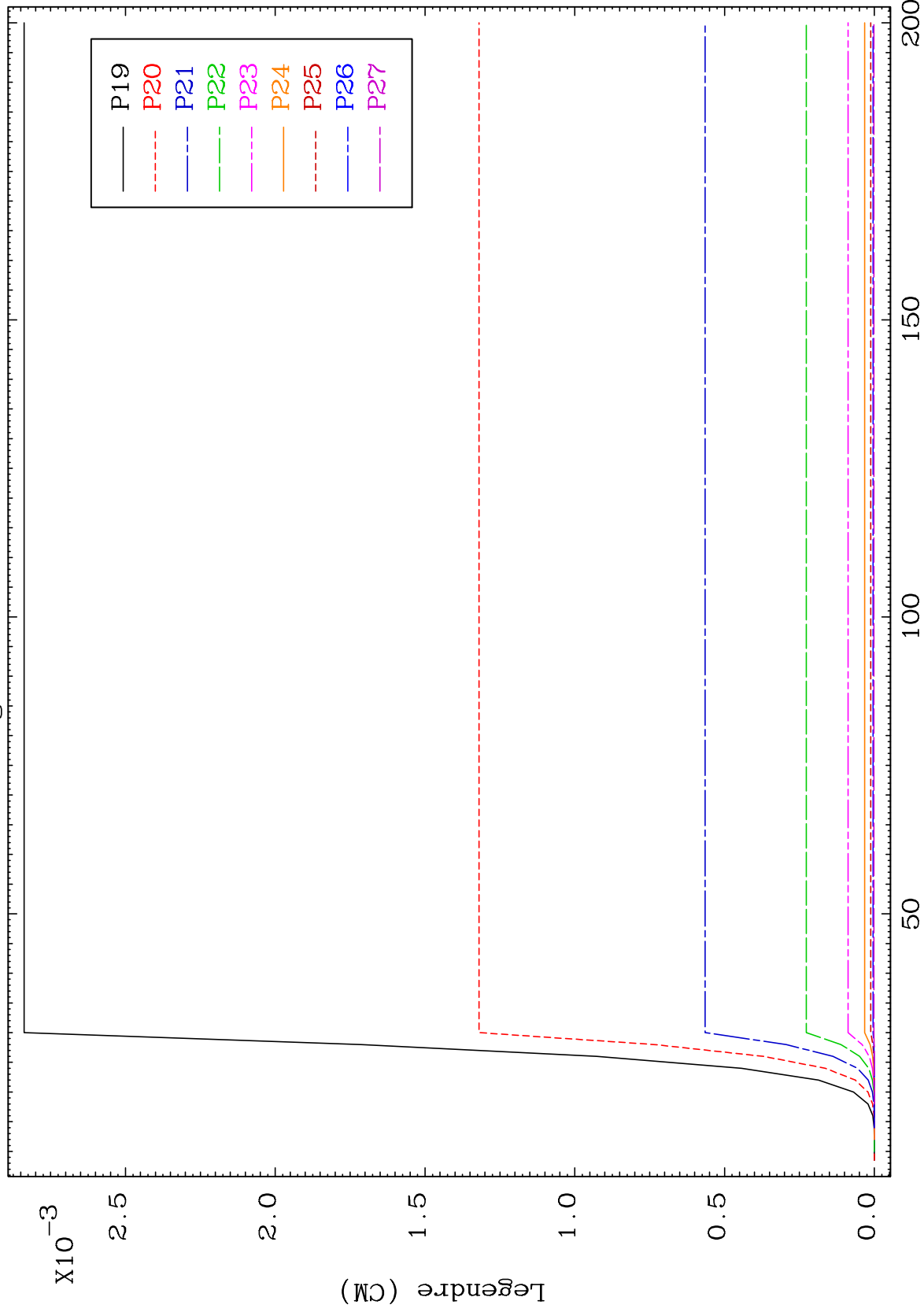
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



102

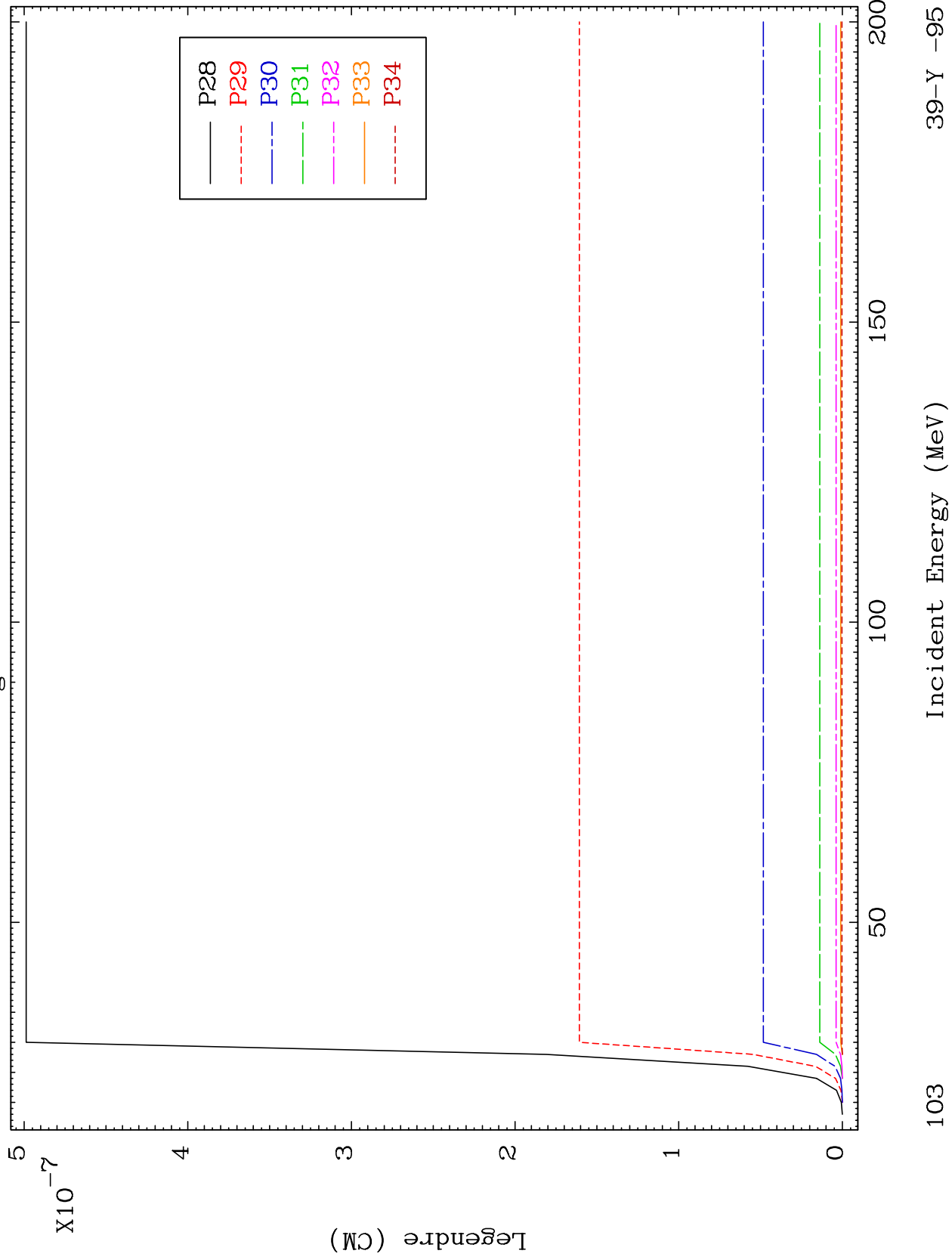
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95

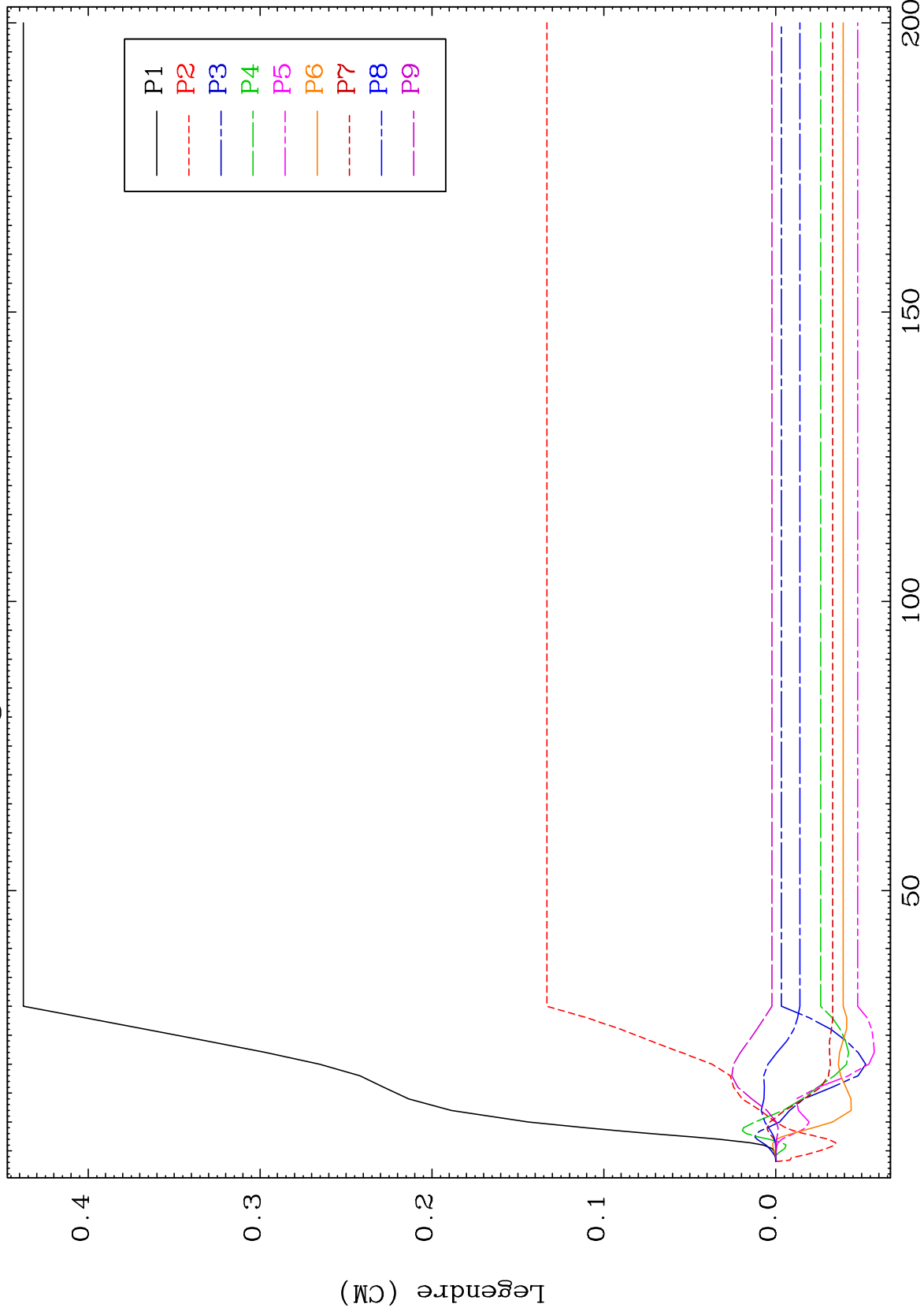




MAT 3943

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

39-Y -95



104

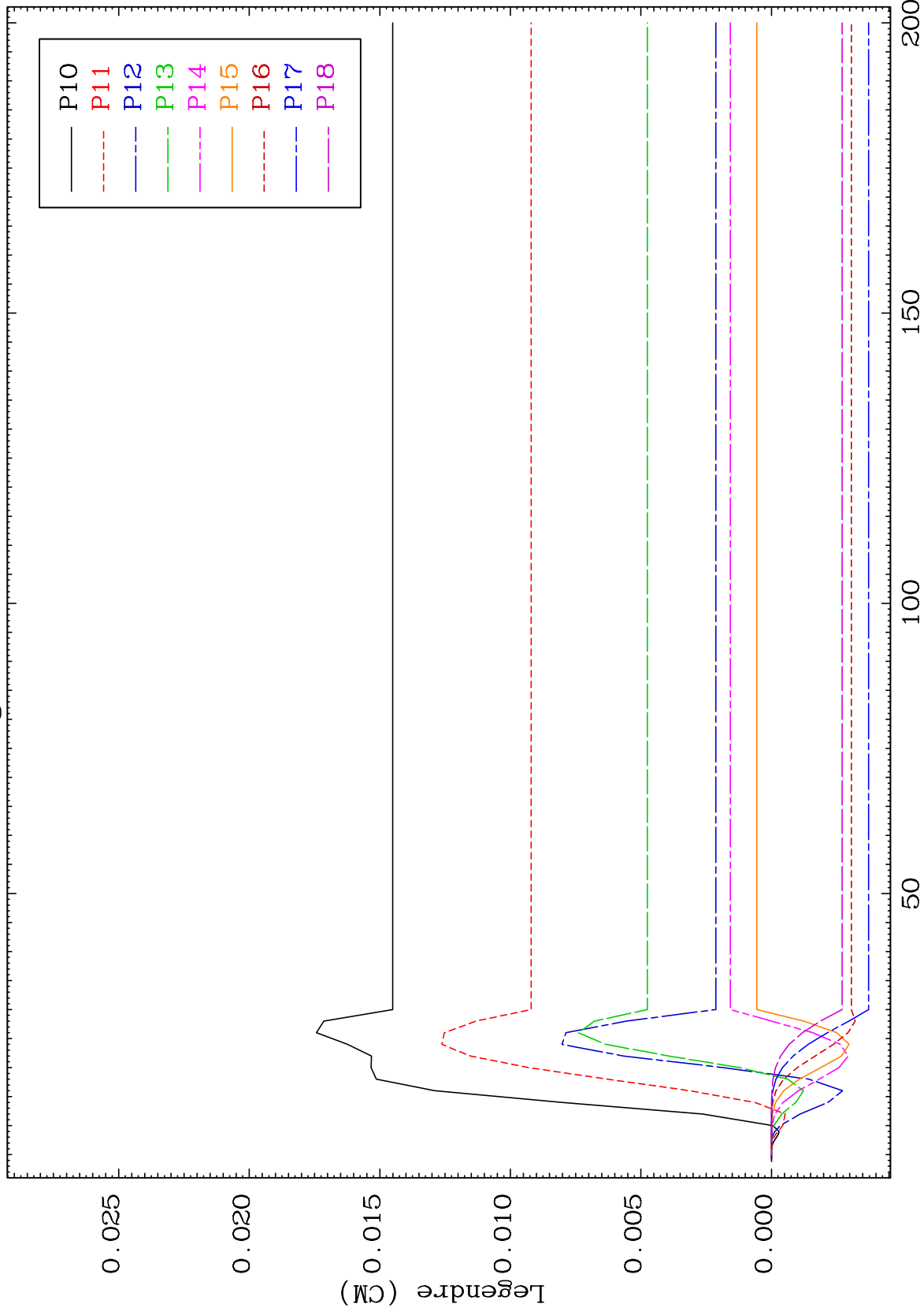
Incident Energy (MeV)

39-Y -95

MAT 3943

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

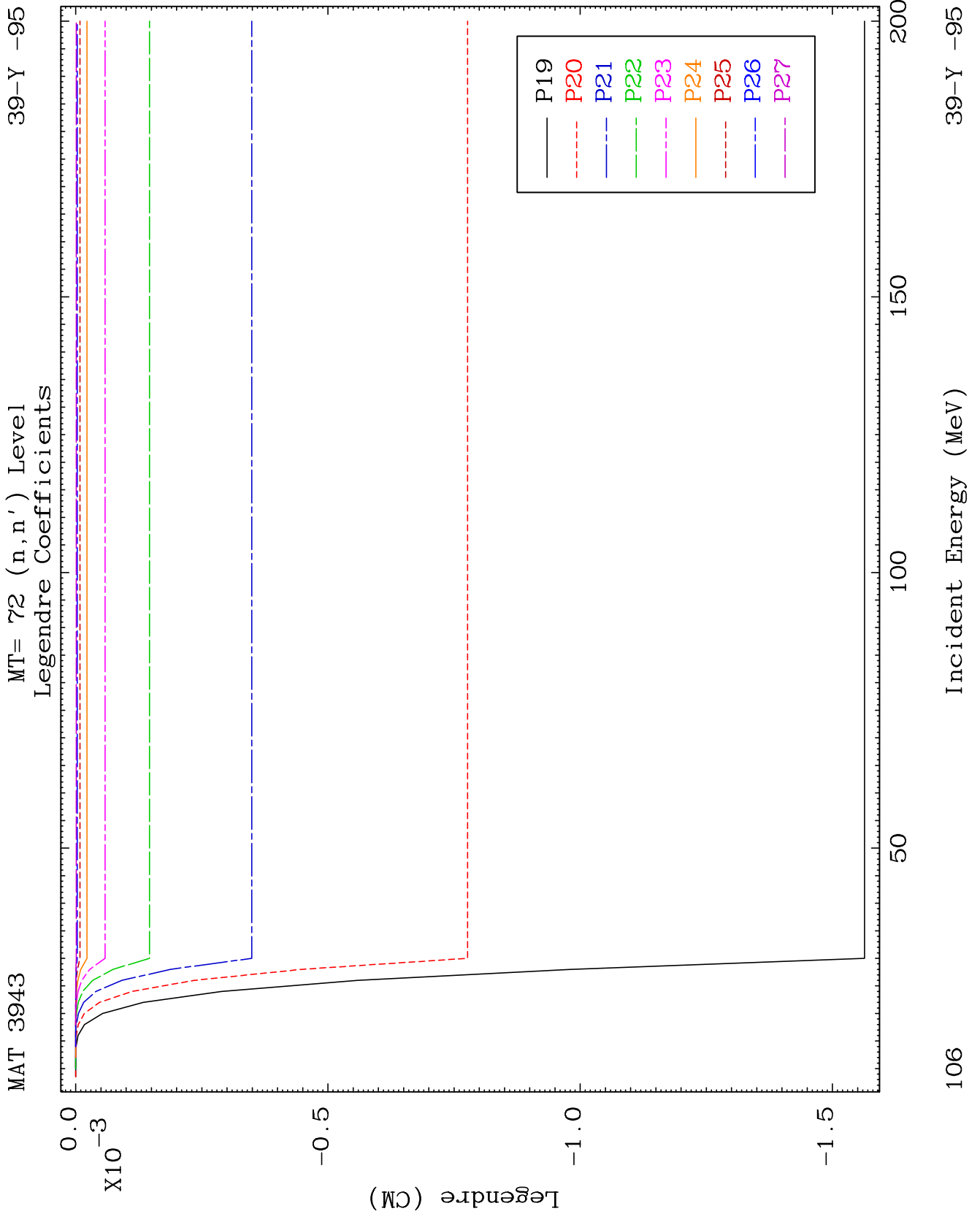
39-Y -95

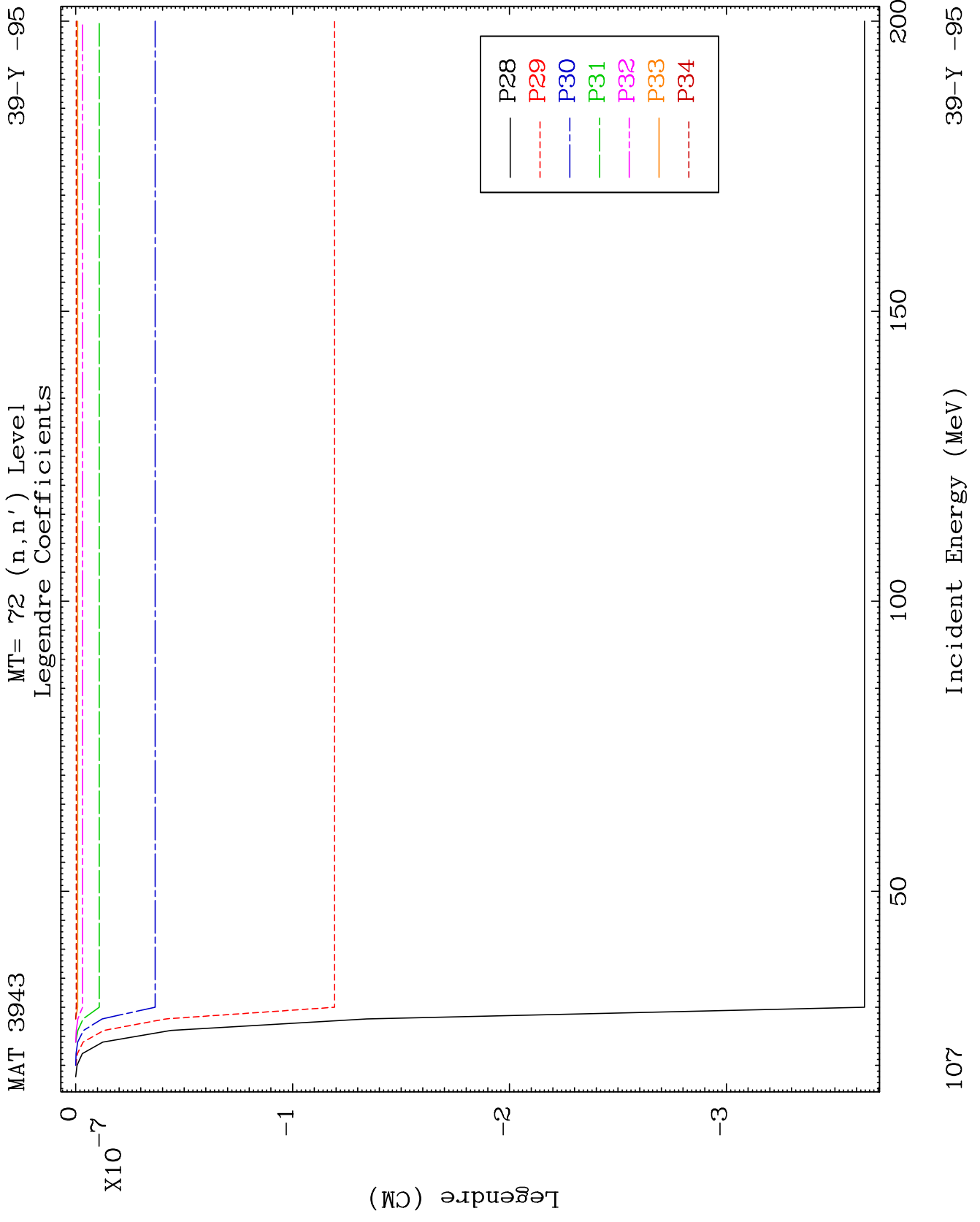


105

Incident Energy (MeV)

39-Y -95

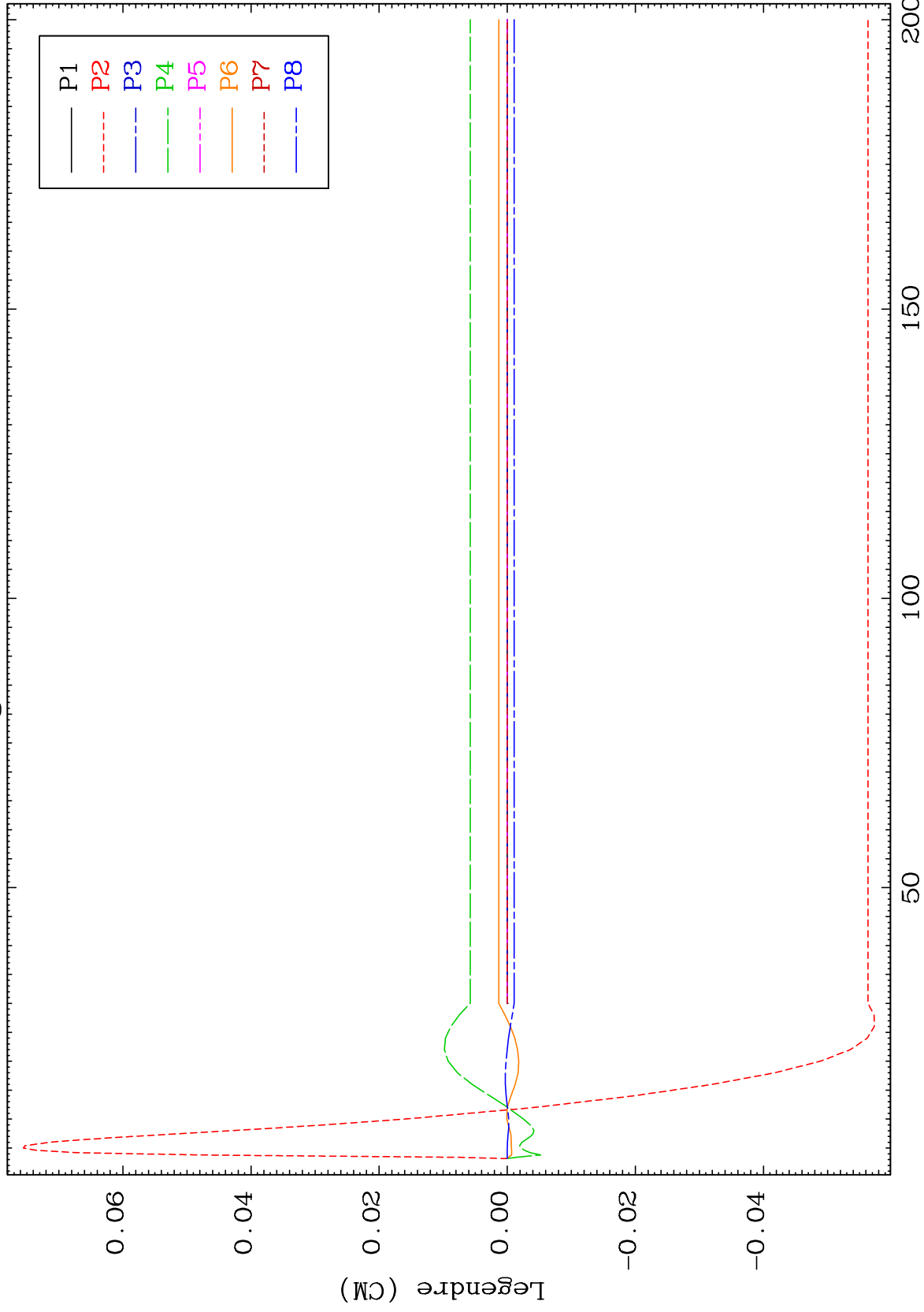




MAT 3943

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

39-Y -95



108

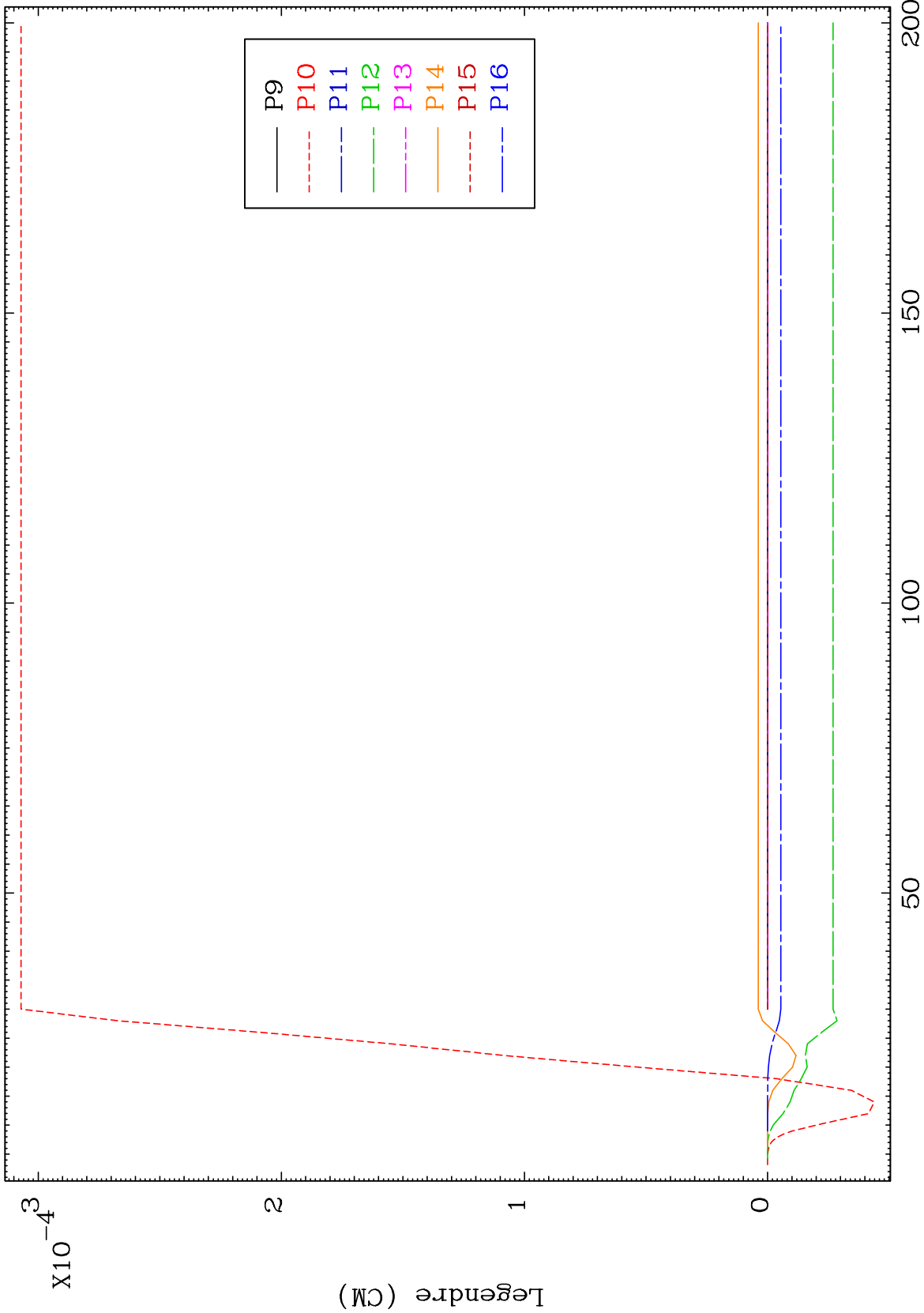
Incident Energy (MeV)

39-Y -95

MAT 3943

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

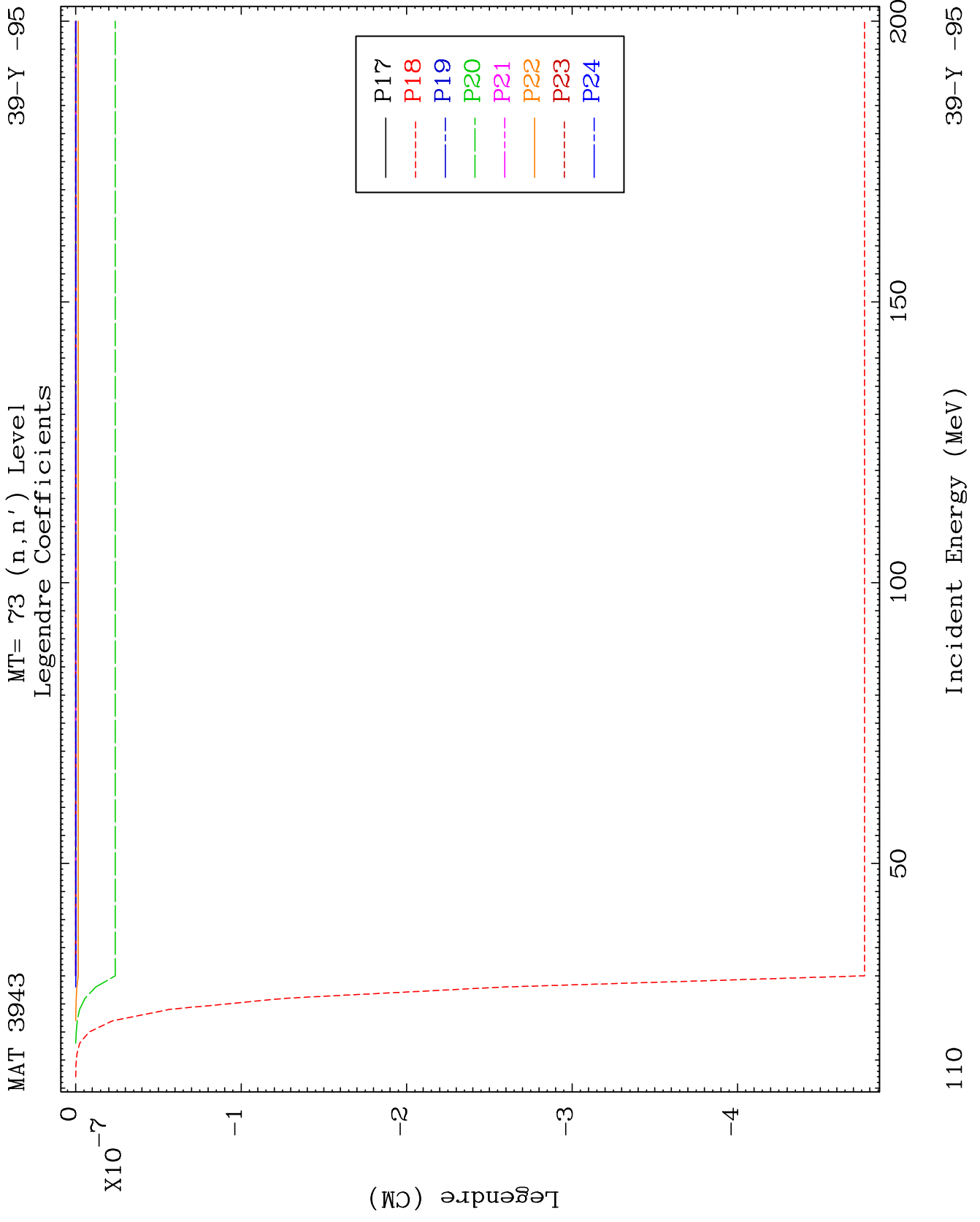
39-Y -95



109

Incident Energy (MeV)

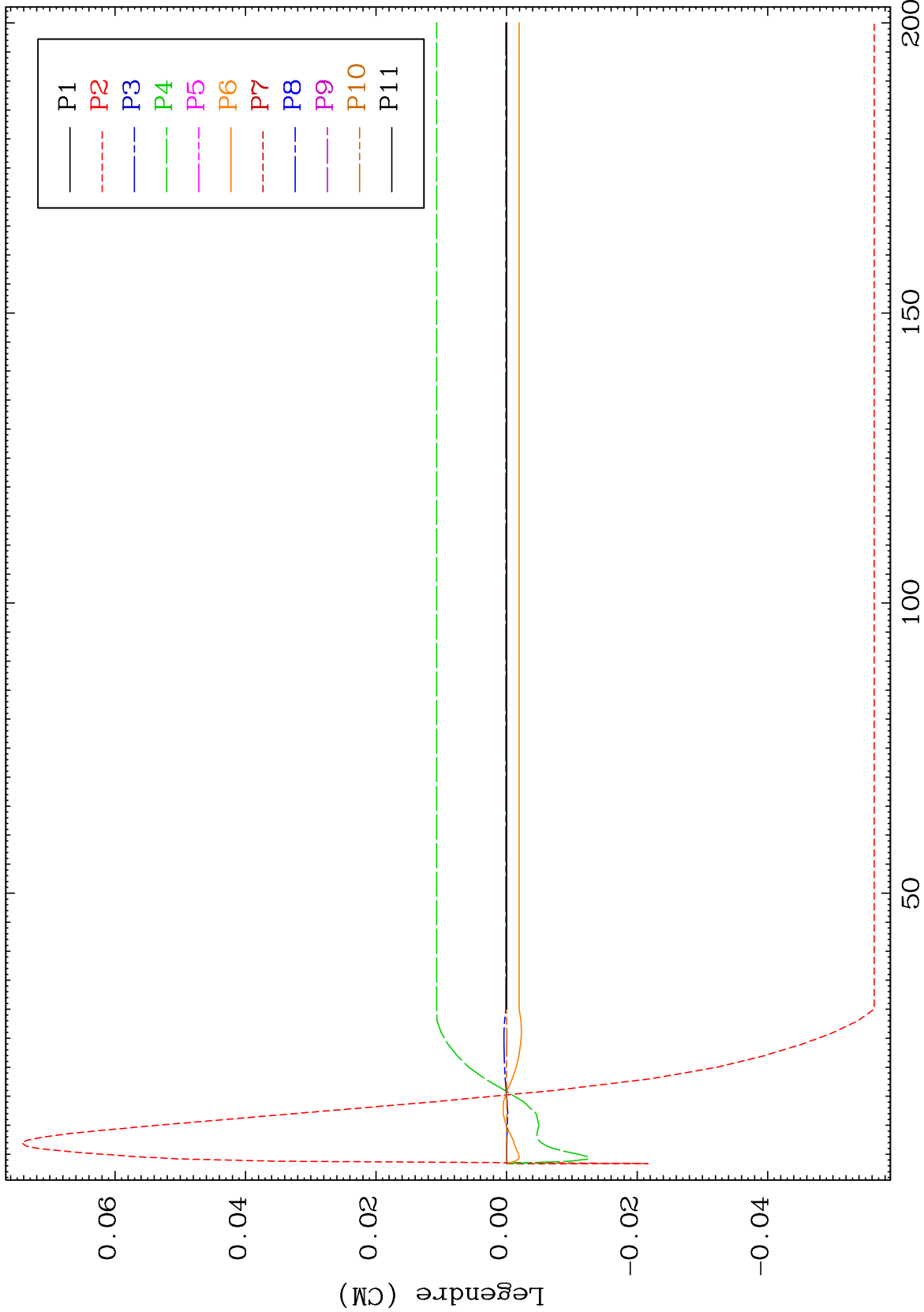
39-Y -95



MAT 3943

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

39-Y -95



111

Incident Energy (MeV)

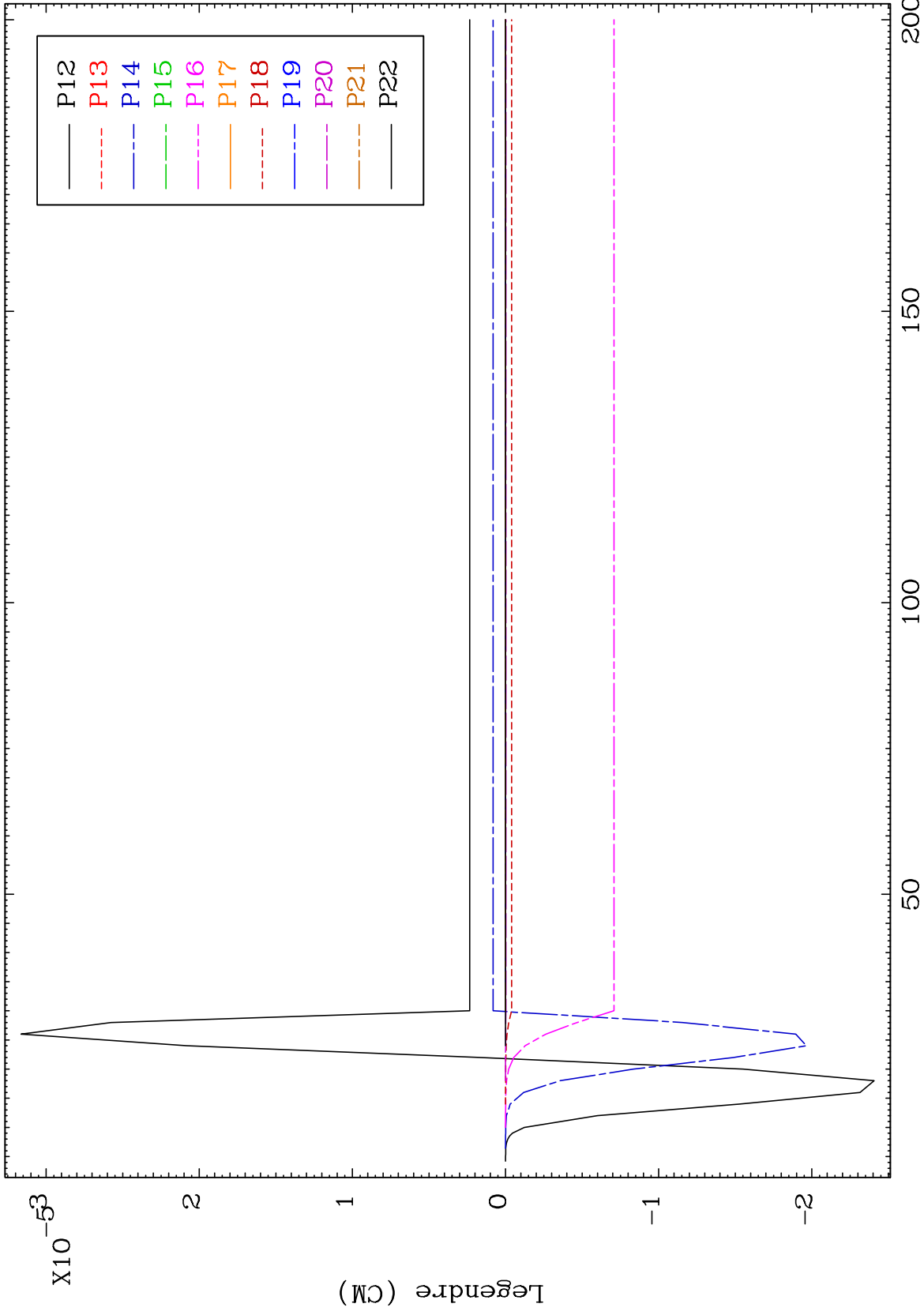
39-Y -95



MAT 3943

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

39-Y -95



112

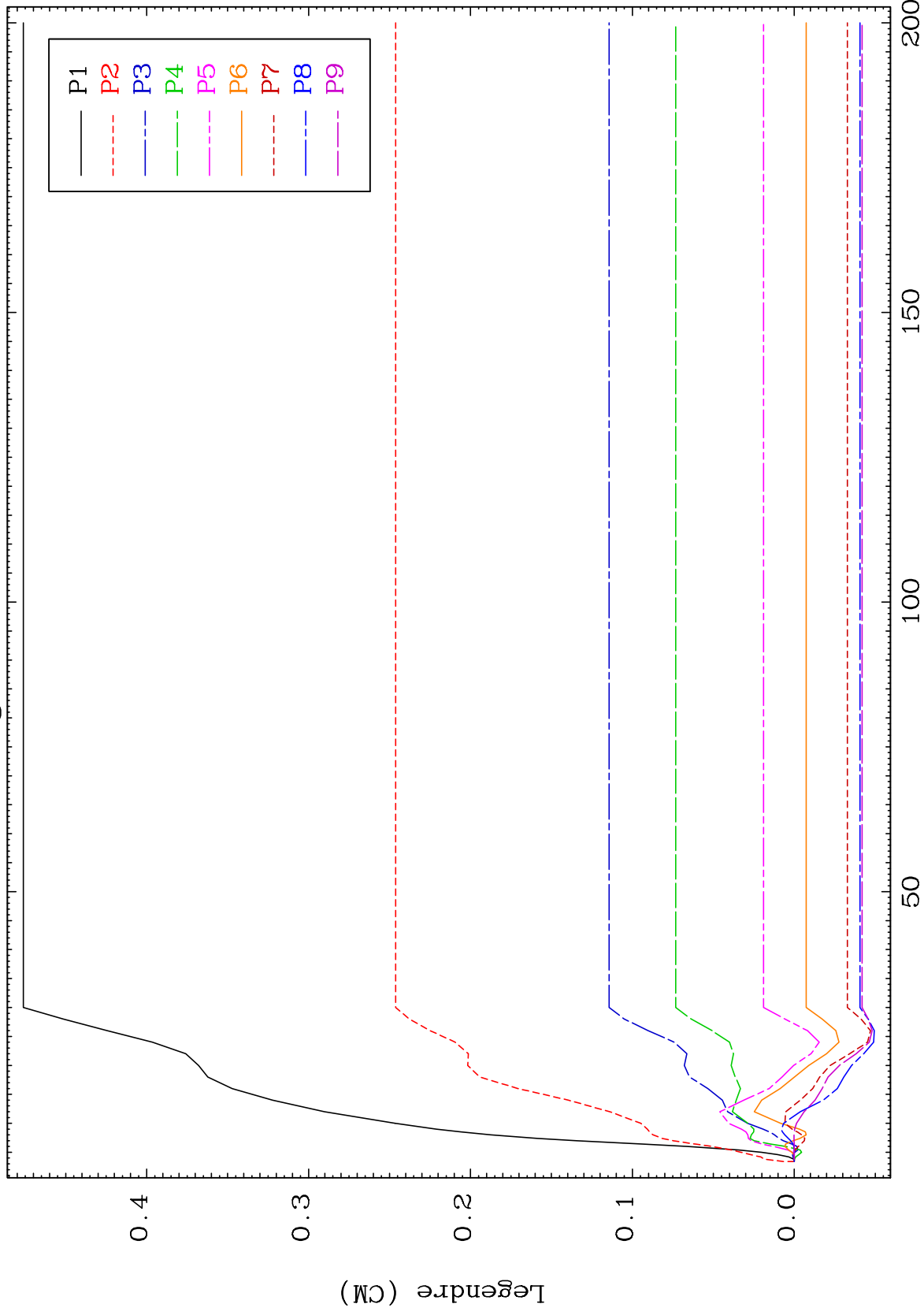
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



113

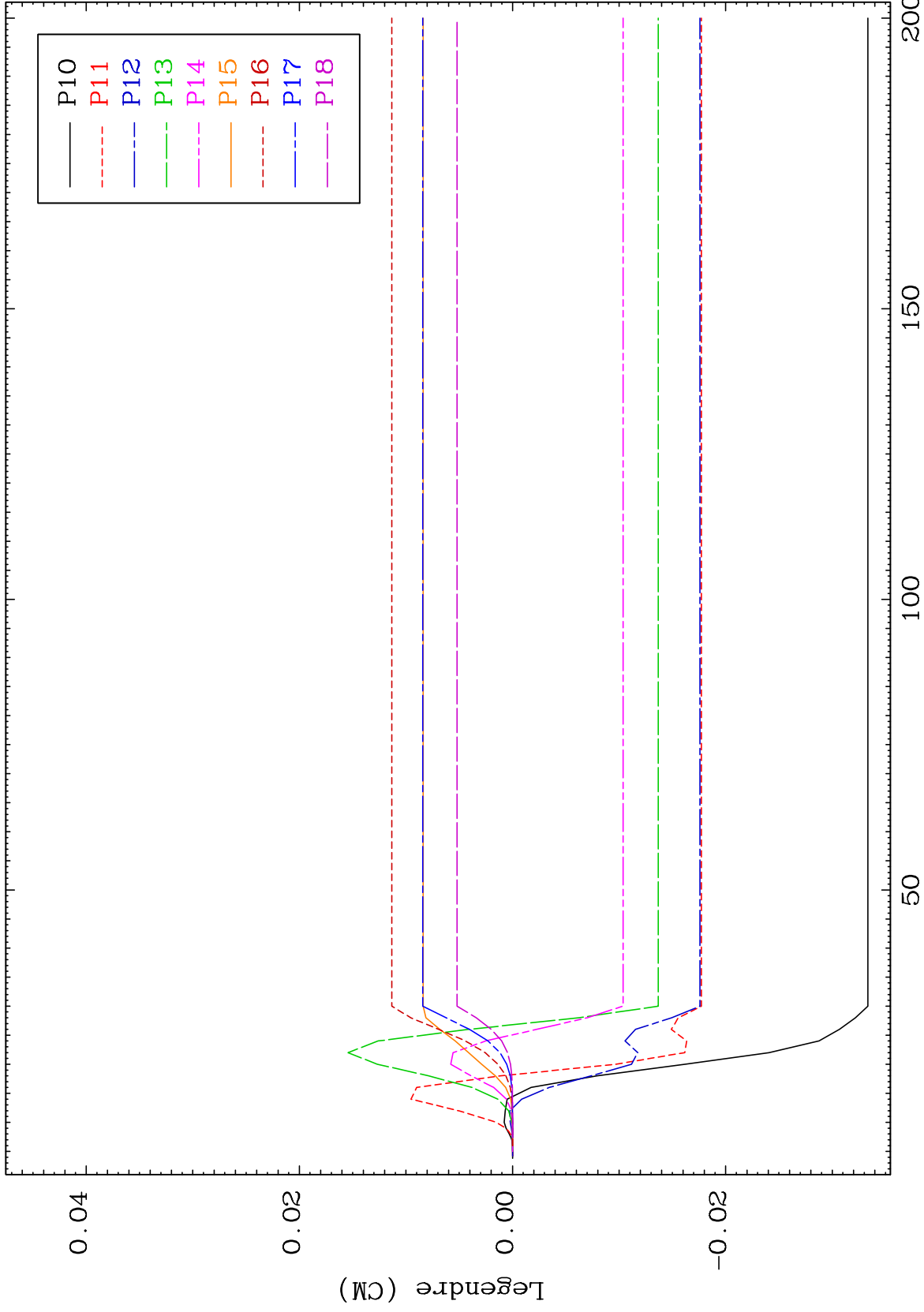
Incident Energy (MeV)

39-Y -95

MAT 3943

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

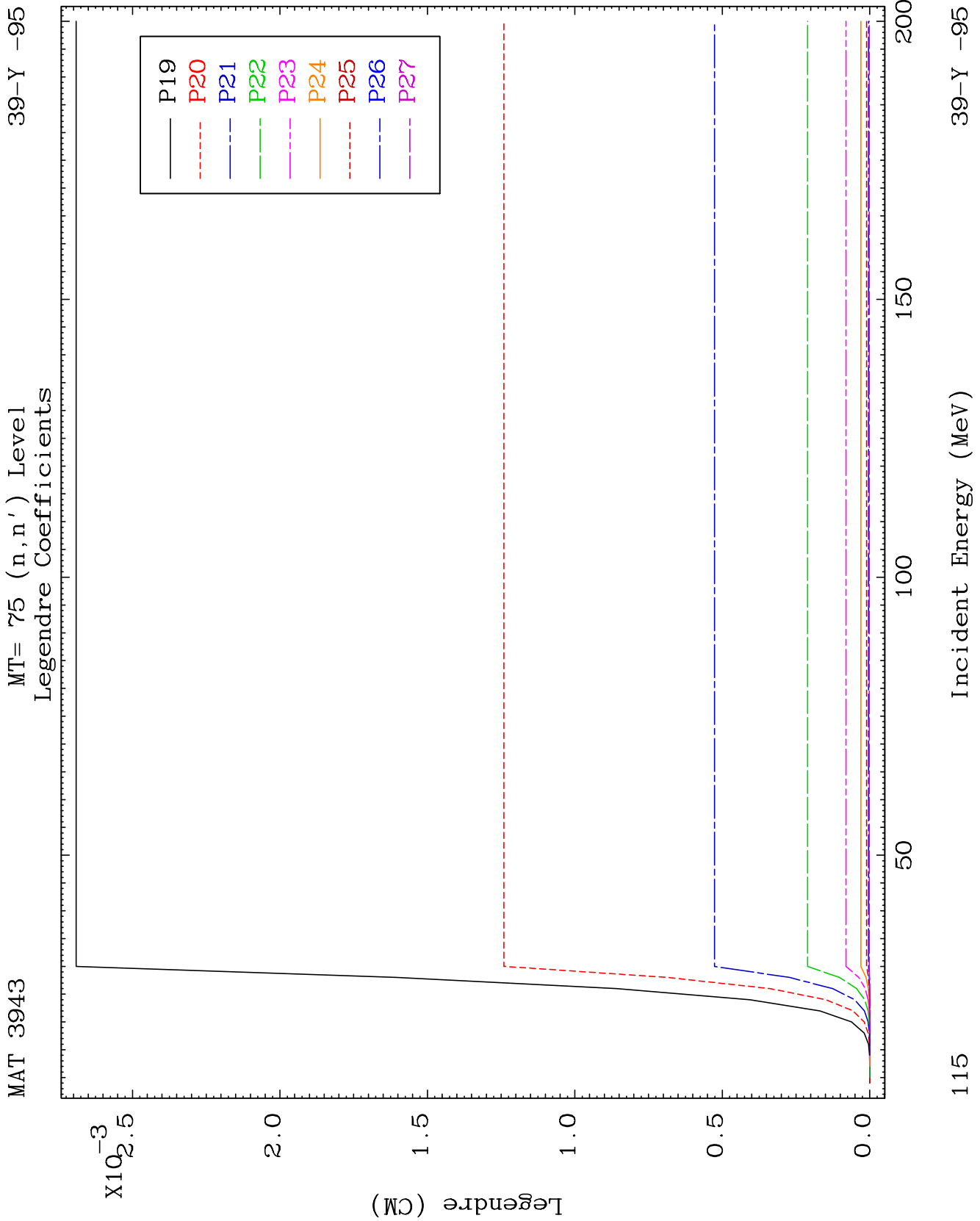
39-Y -95



114

Incident Energy (MeV)

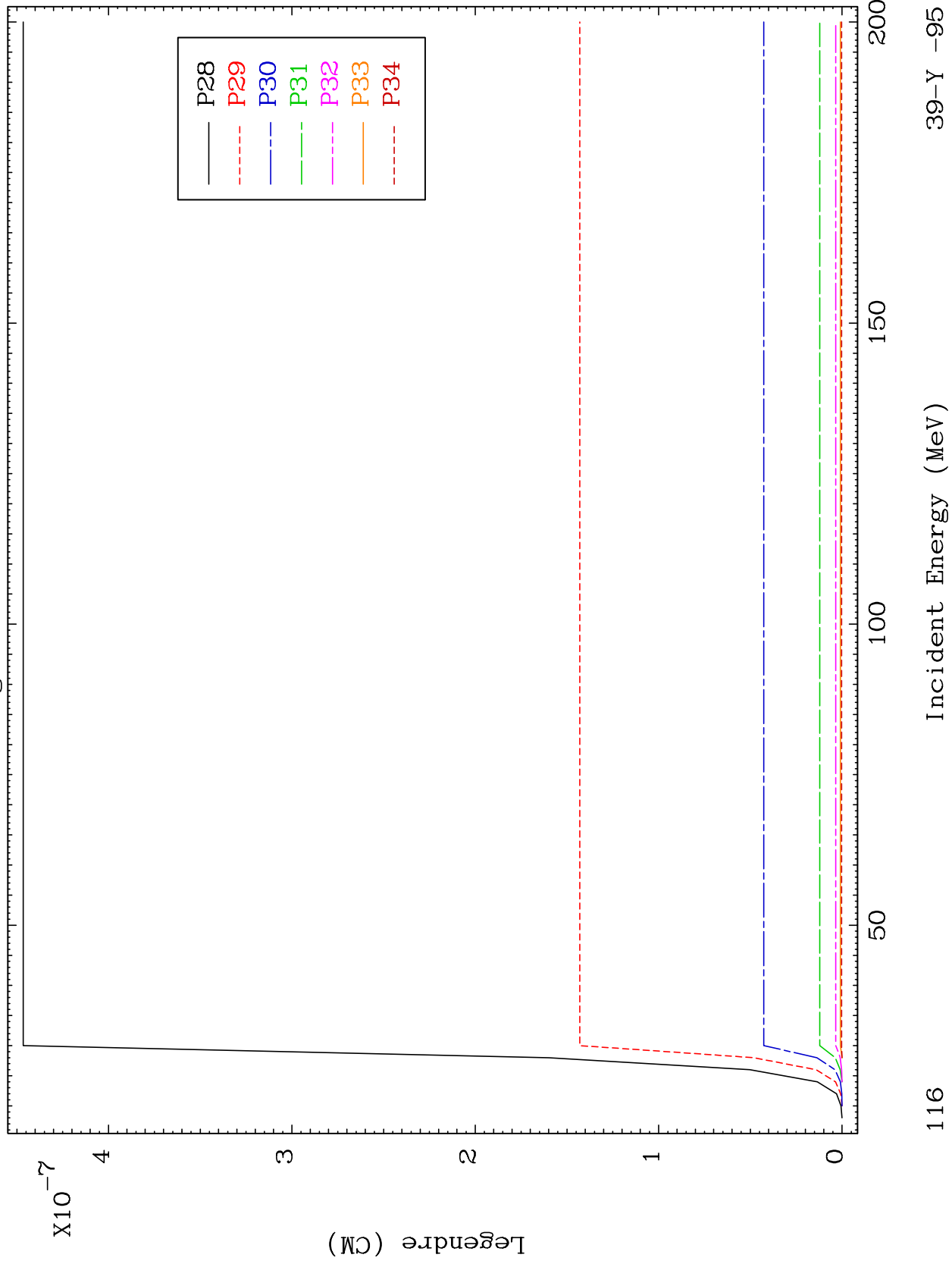
39-Y -95



MAT 3943

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

39-Y -95



116

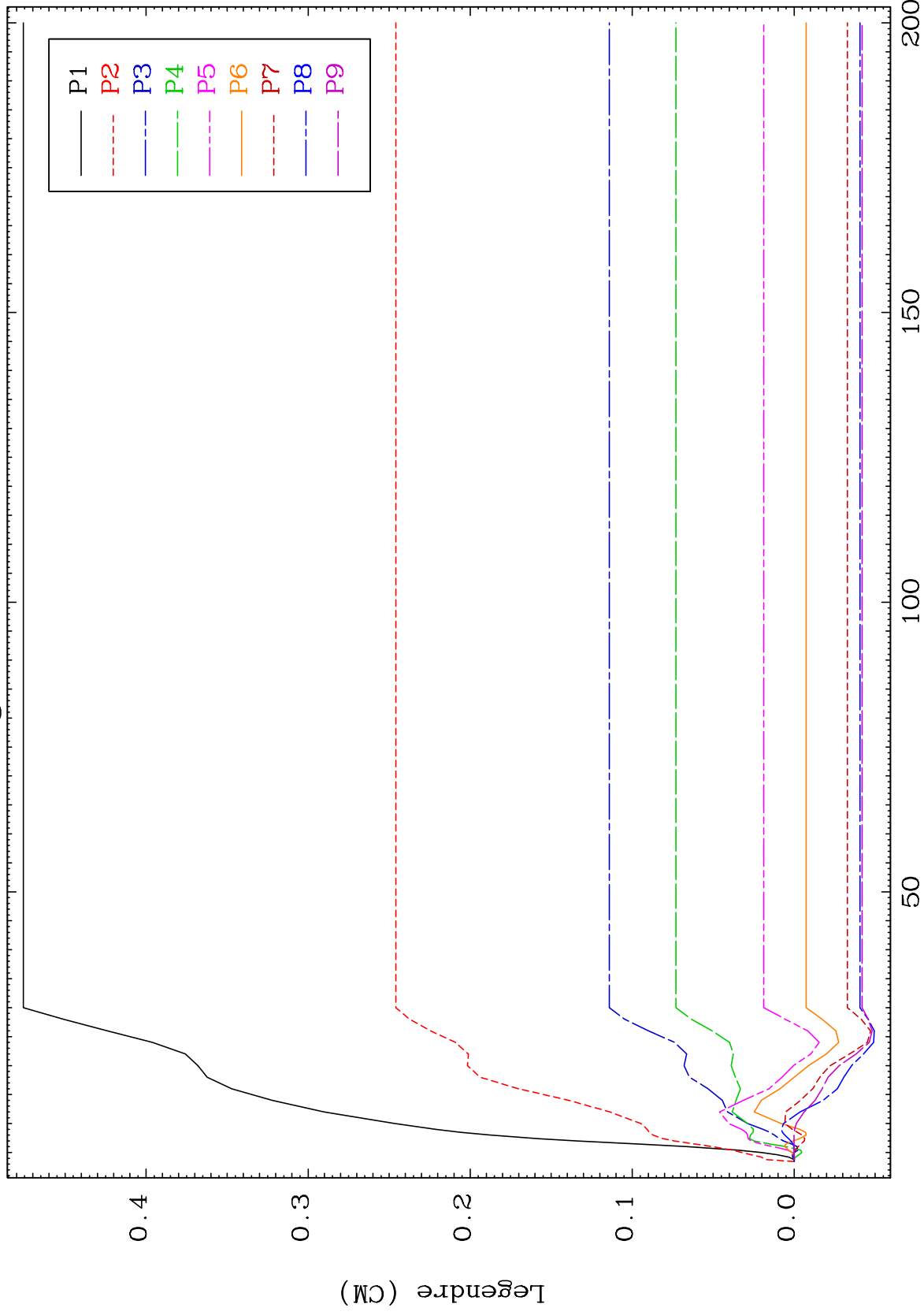
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



117

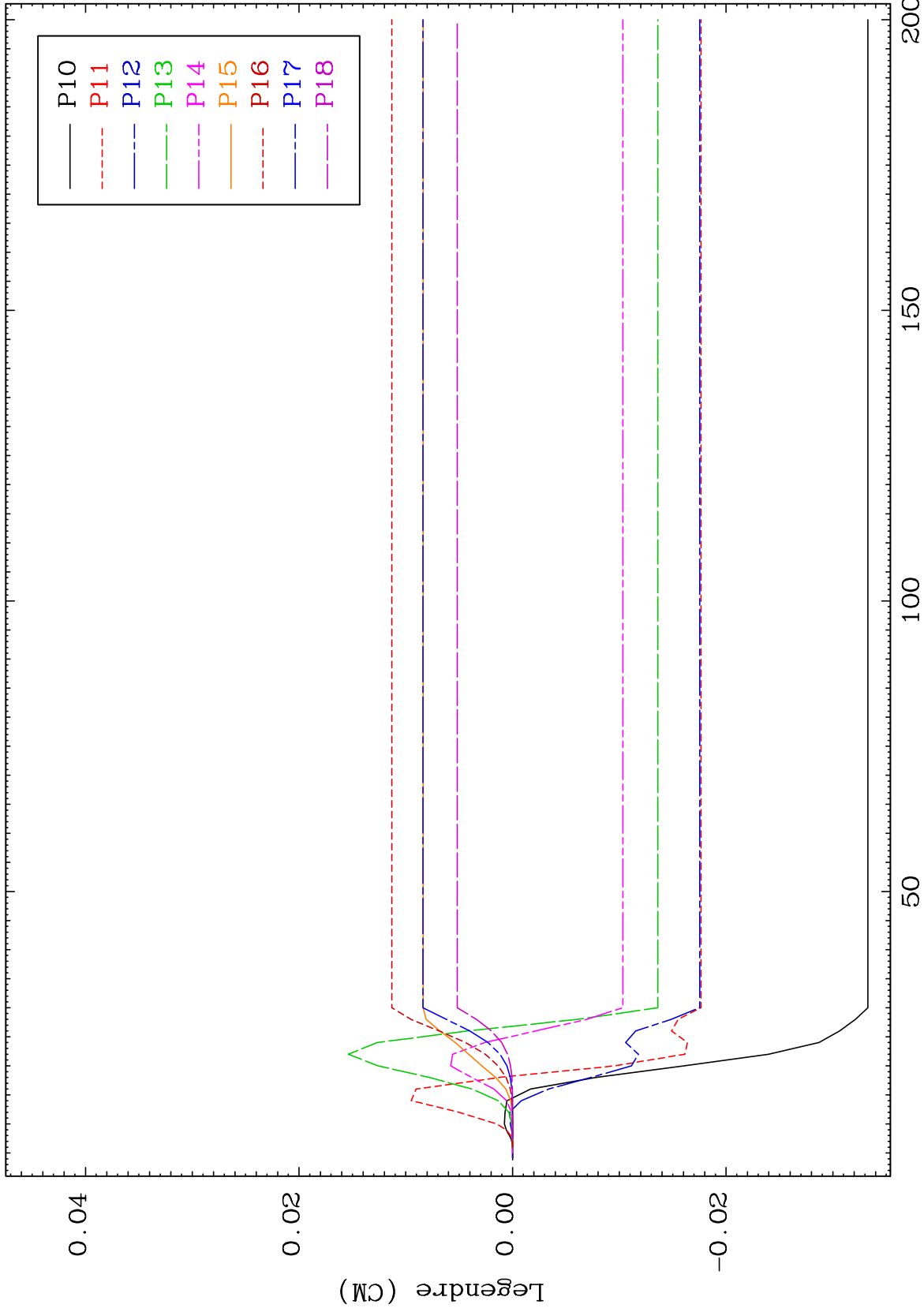
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



118

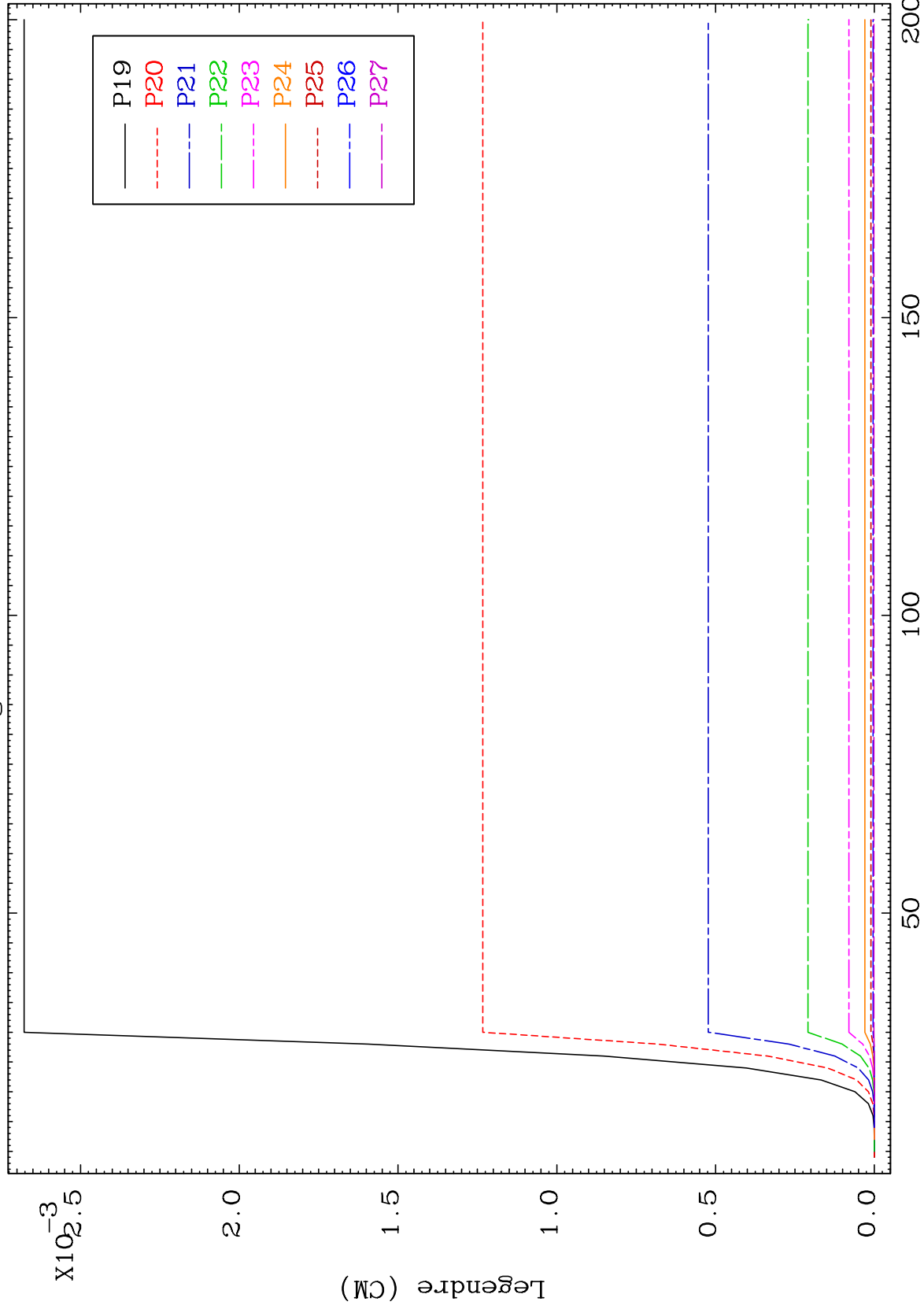
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



119

Incident Energy (MeV)

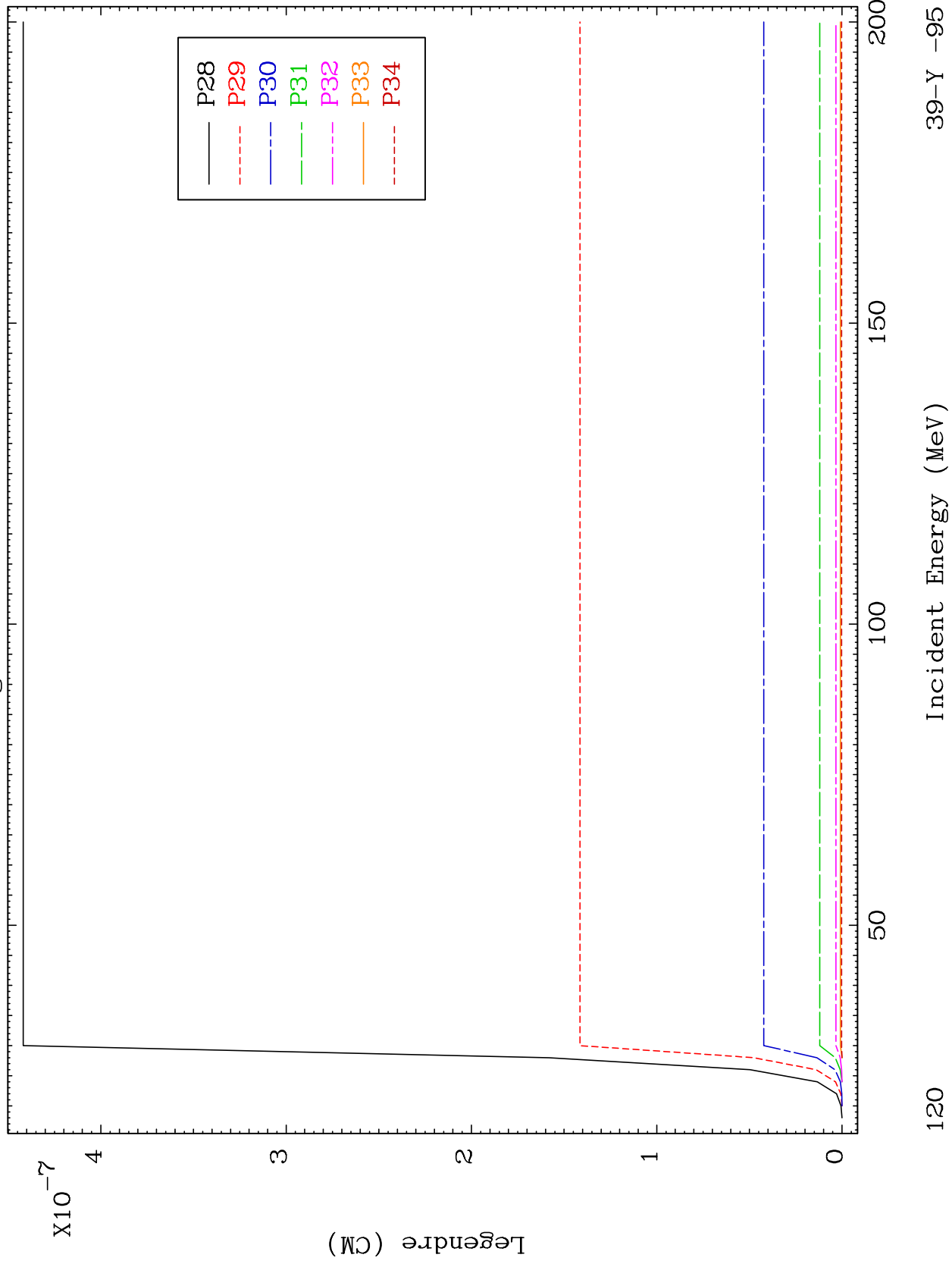
39-Y -95



MAT 3943

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

39-Y -95

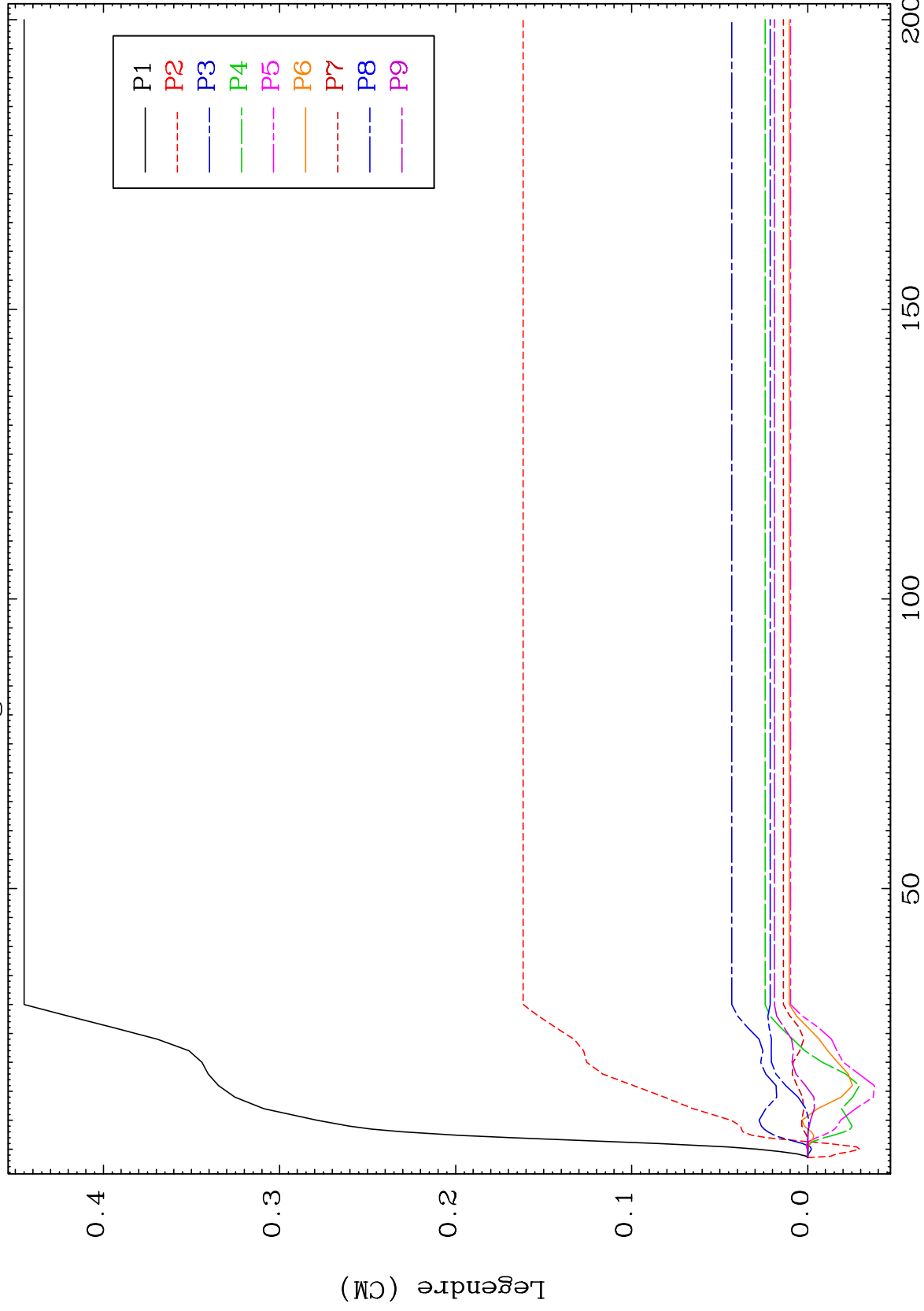


39-Y -95

MAT 3943

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

39-Y -95



121

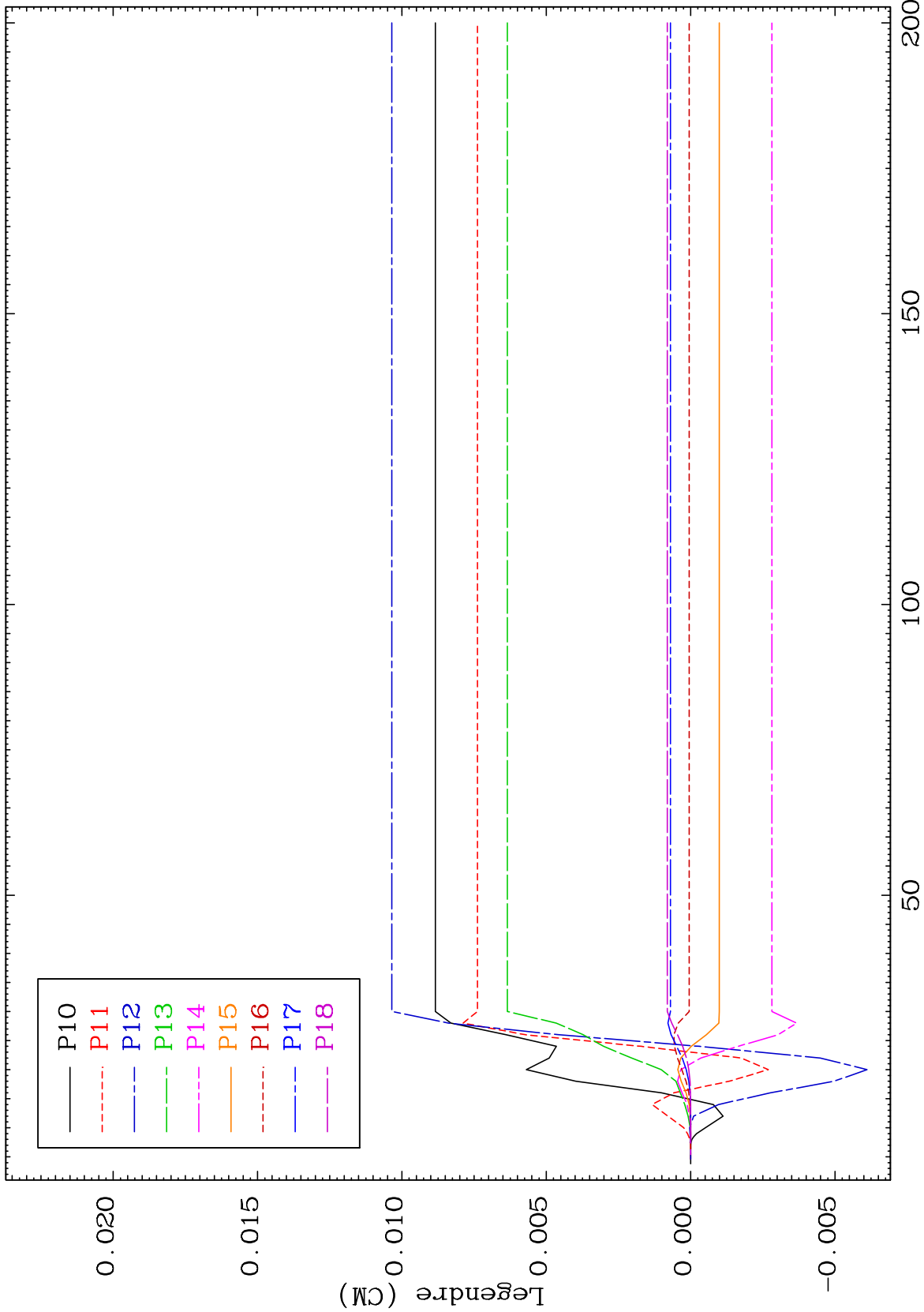
Incident Energy (MeV)

39-Y -95

MAT 3943

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

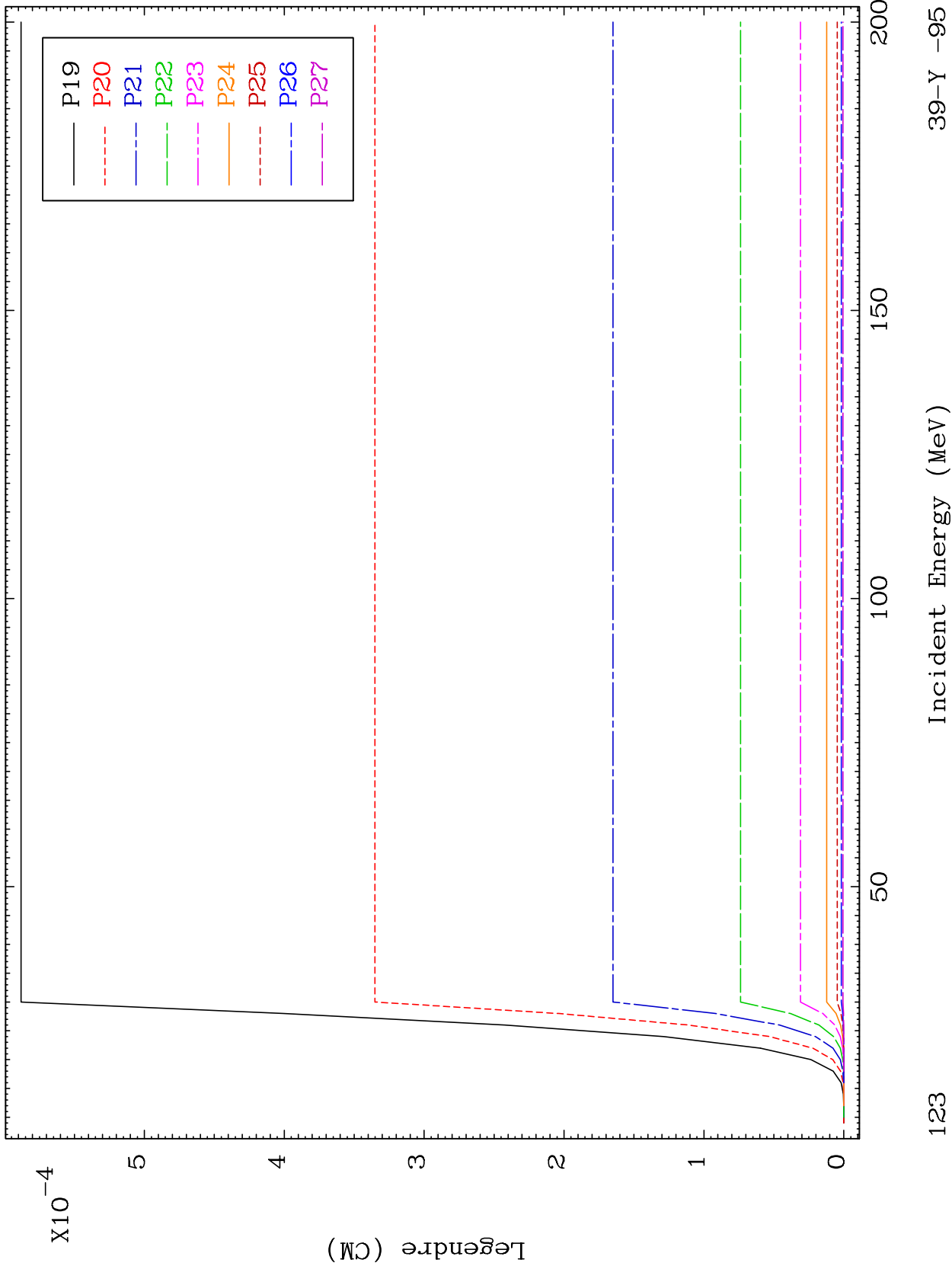
39-Y -95



MAT 3943

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

39-Y -95



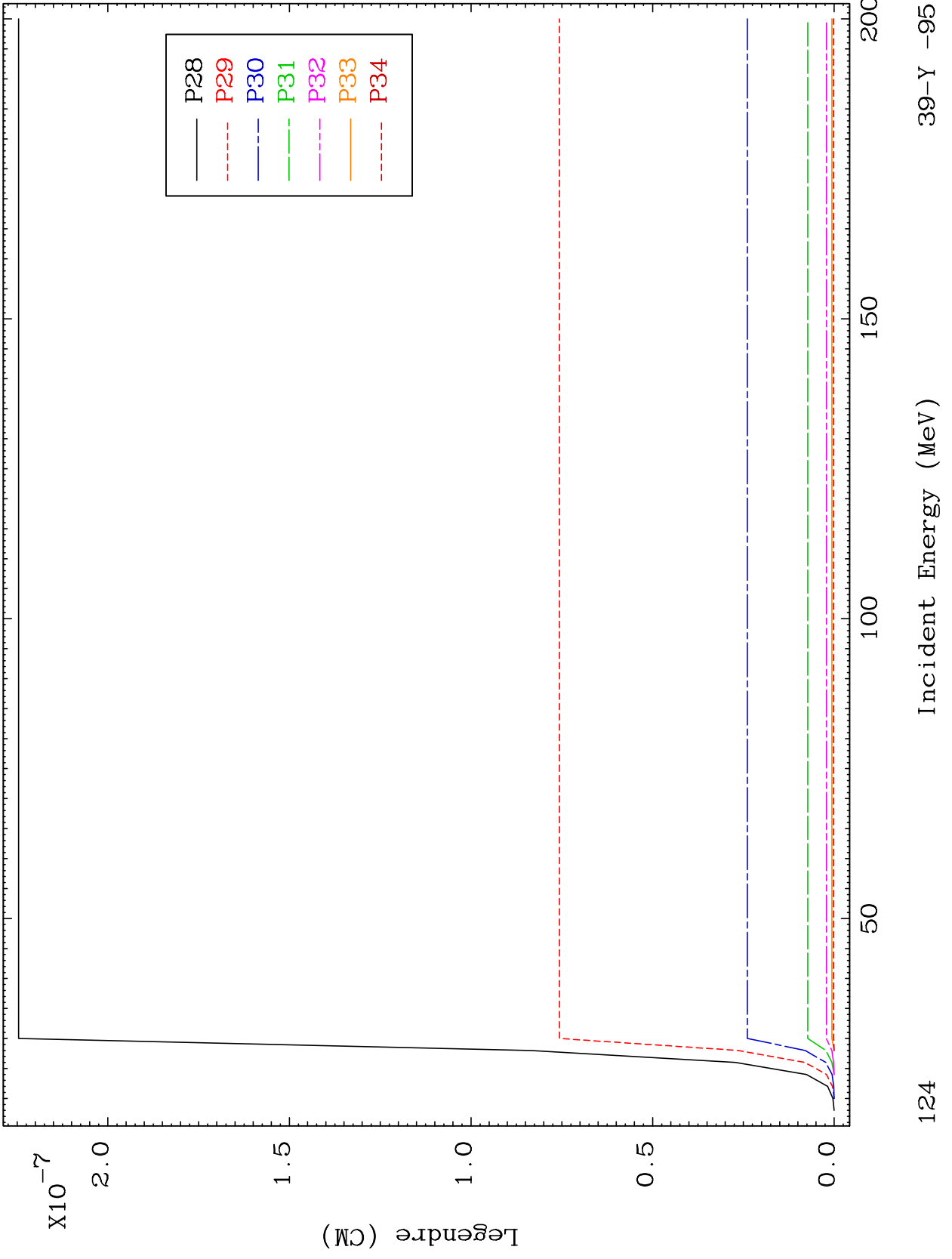
123

39-Y -95

MAT 3943

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

39-Y -95



124

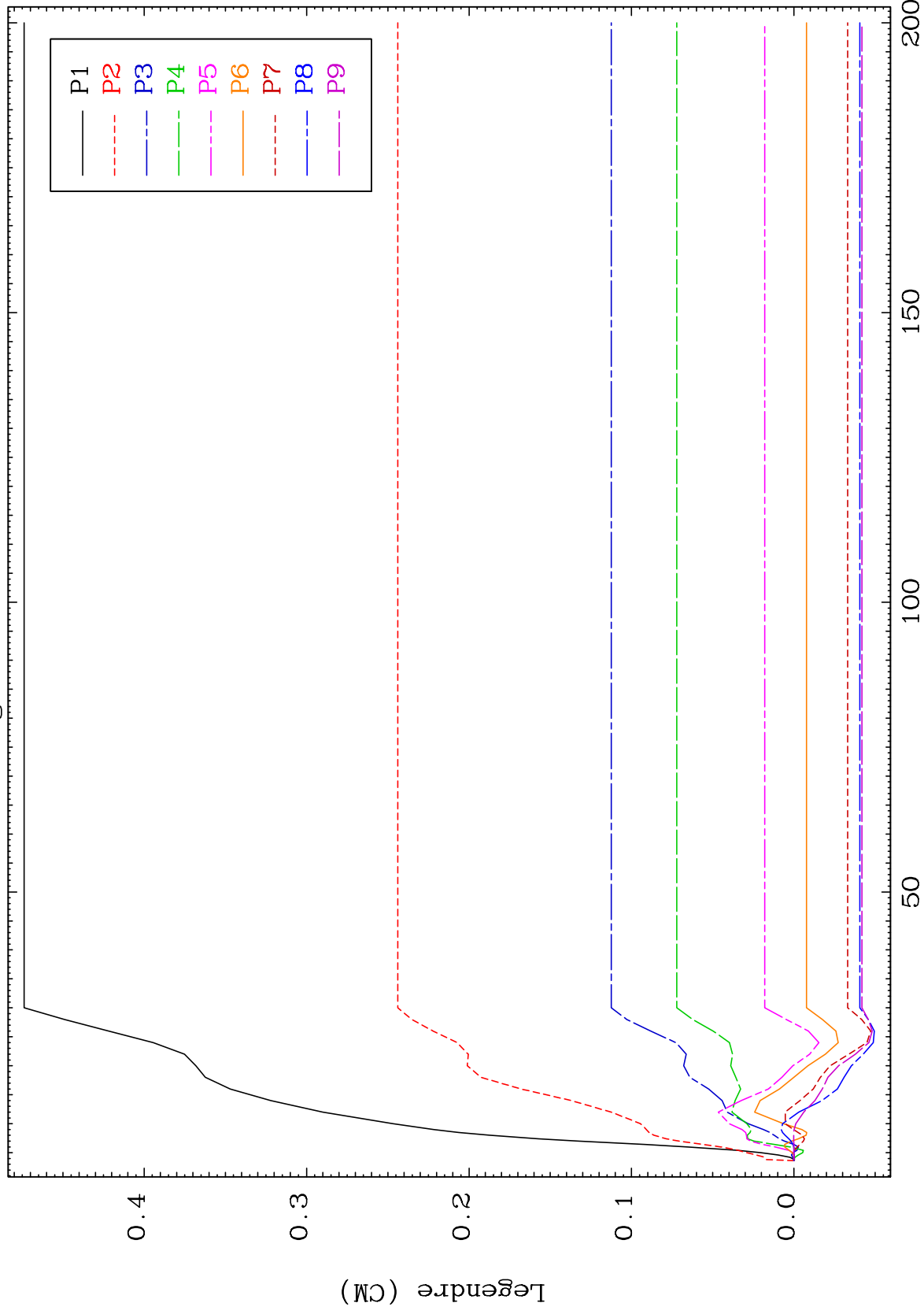
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



125

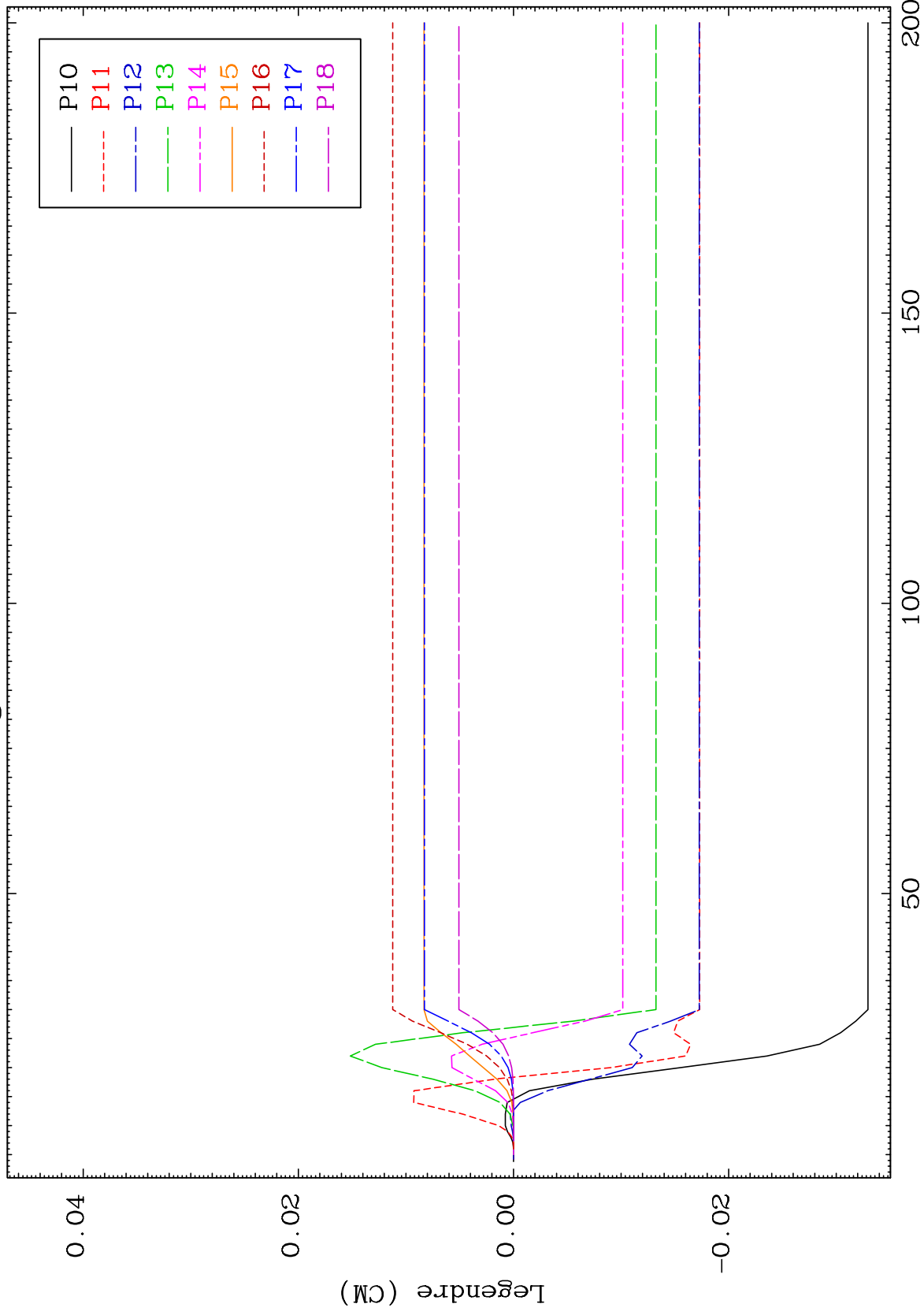
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



126

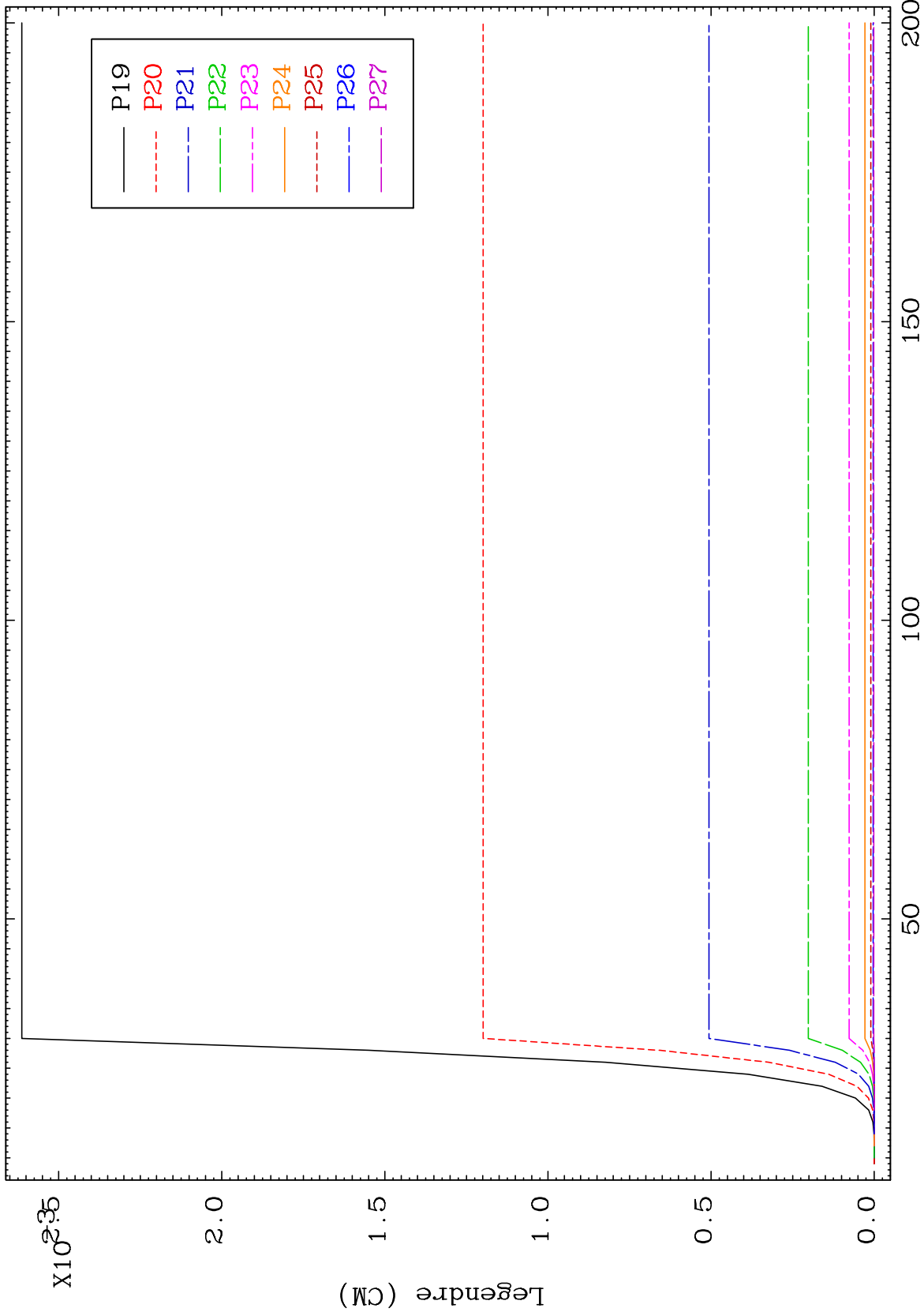
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



127

Incident Energy (MeV)

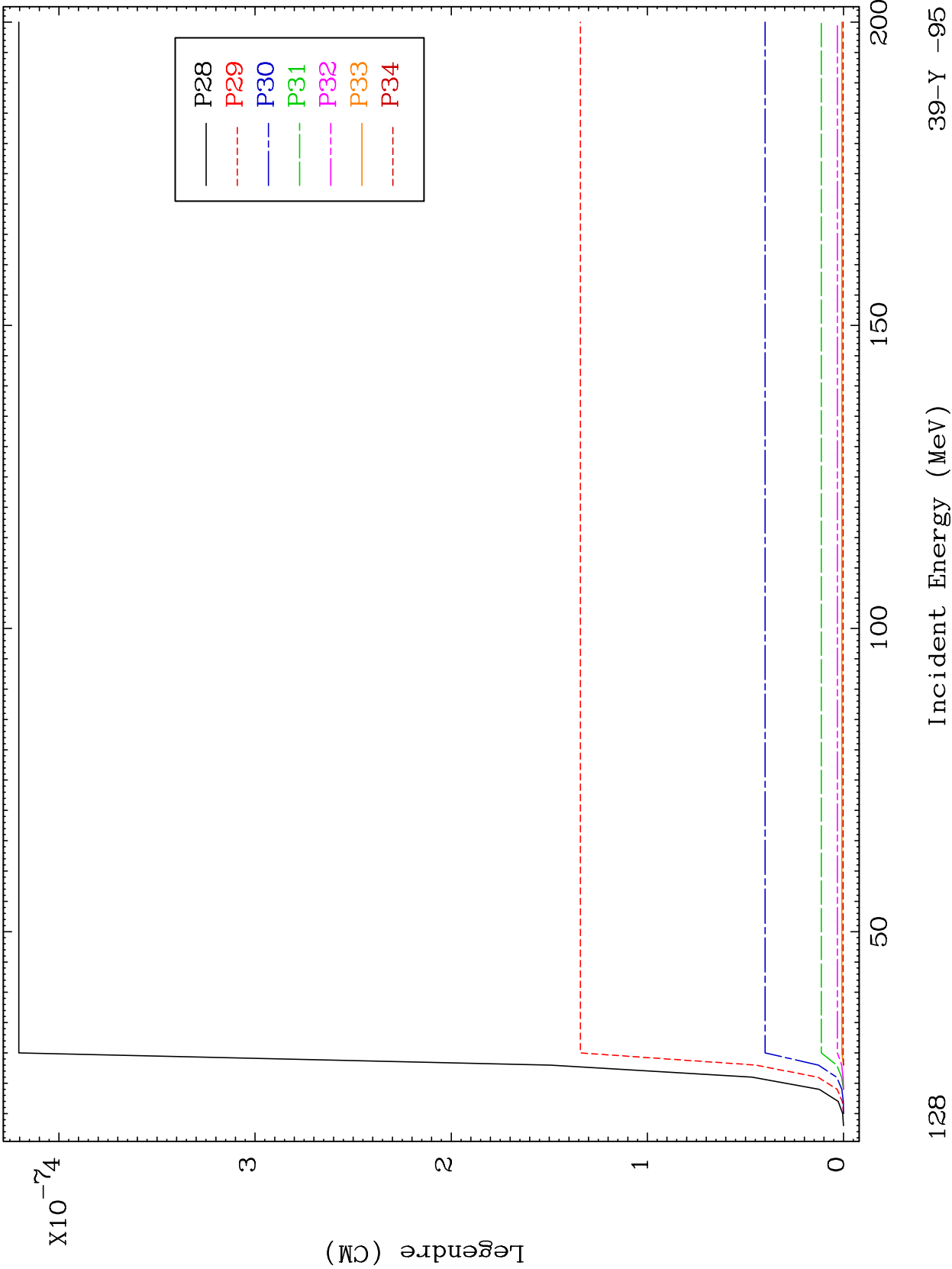
39-Y -95



MAT 3943

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

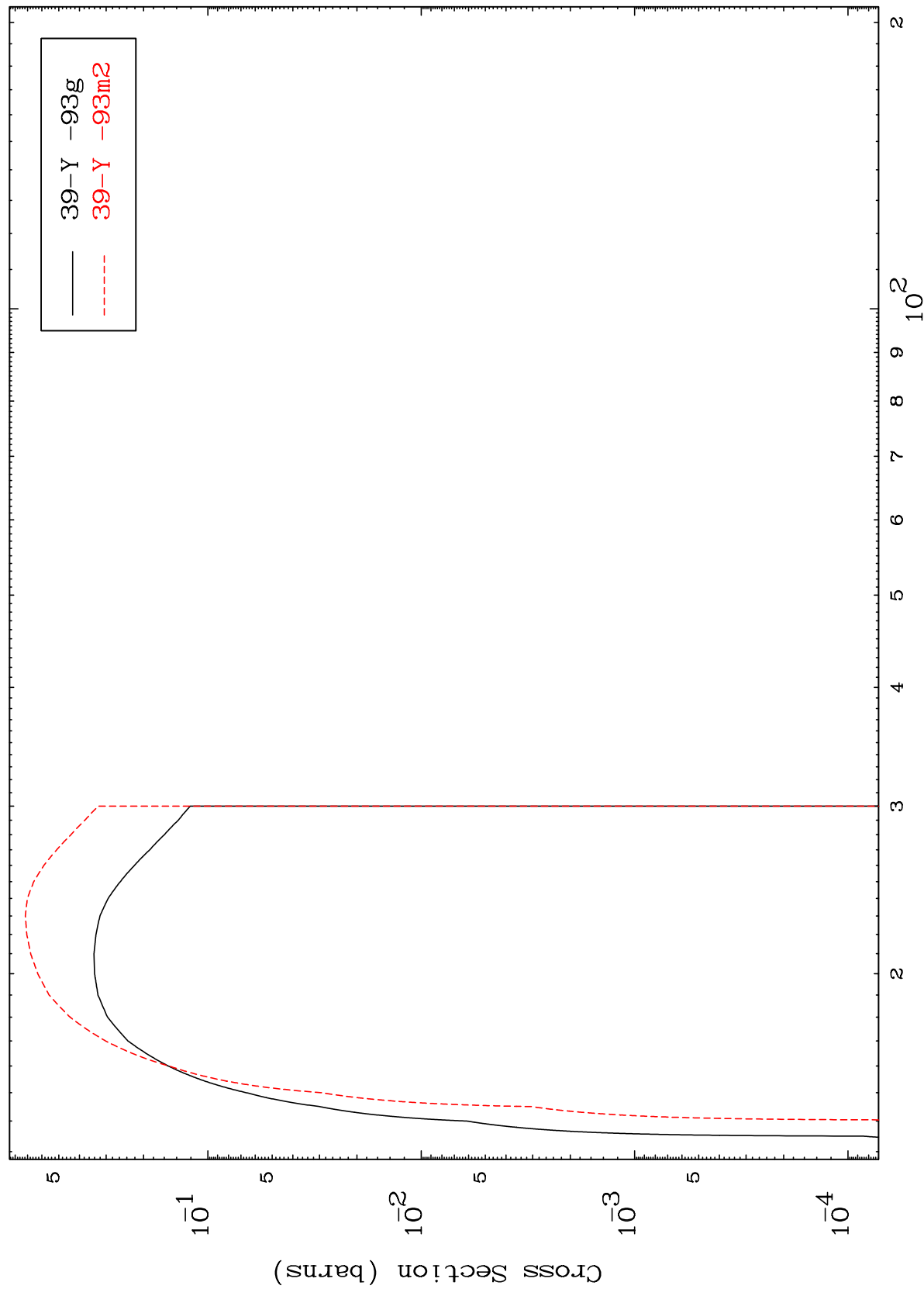
39-Y -95



MAT 3943

39-Y -95

(n,3n)  
Radionuclide Production Cross Section



129

39-Y -95

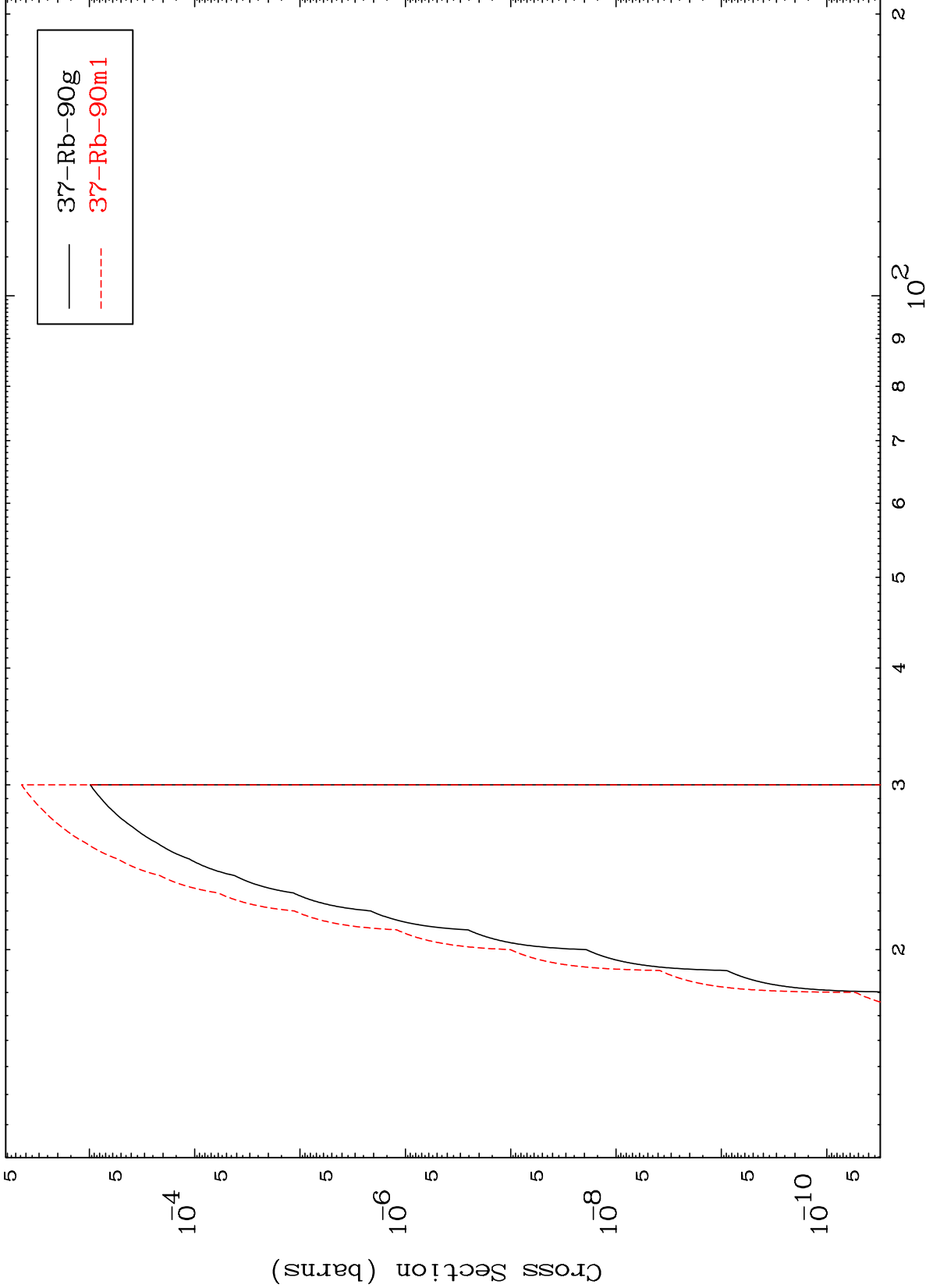
Incident Energy (MeV)

MAT 3943

$(n,2n) \alpha$

39-Y -95

Radionuclide Production Cross Section



— 37-Rb-90g  
- - - 37-Rb-90m1

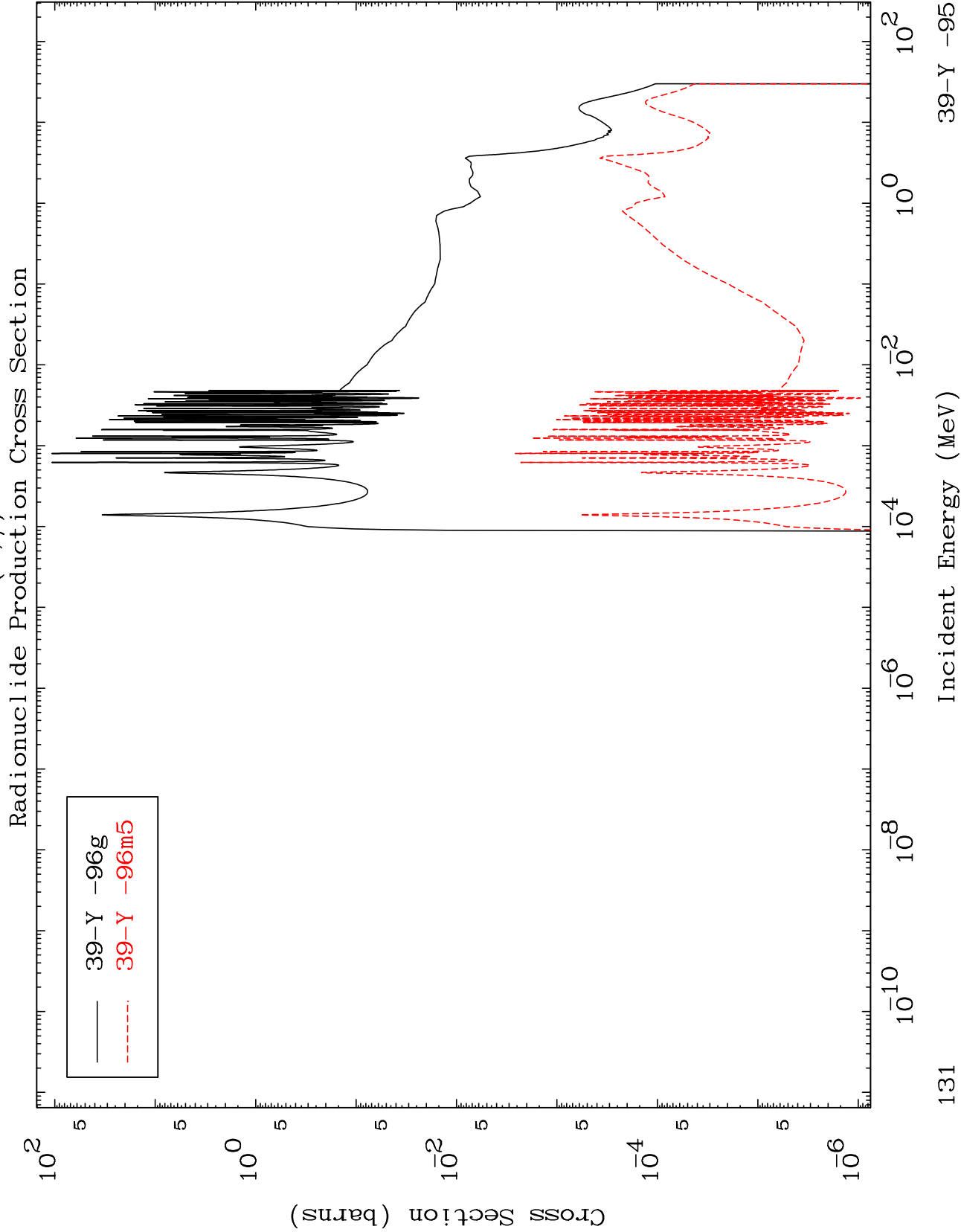
130

Incident Energy (MeV)

39-Y -95

MAT 3943

39-Y -95



131