

Program EVALPLOT
(Version 2018-1)

by

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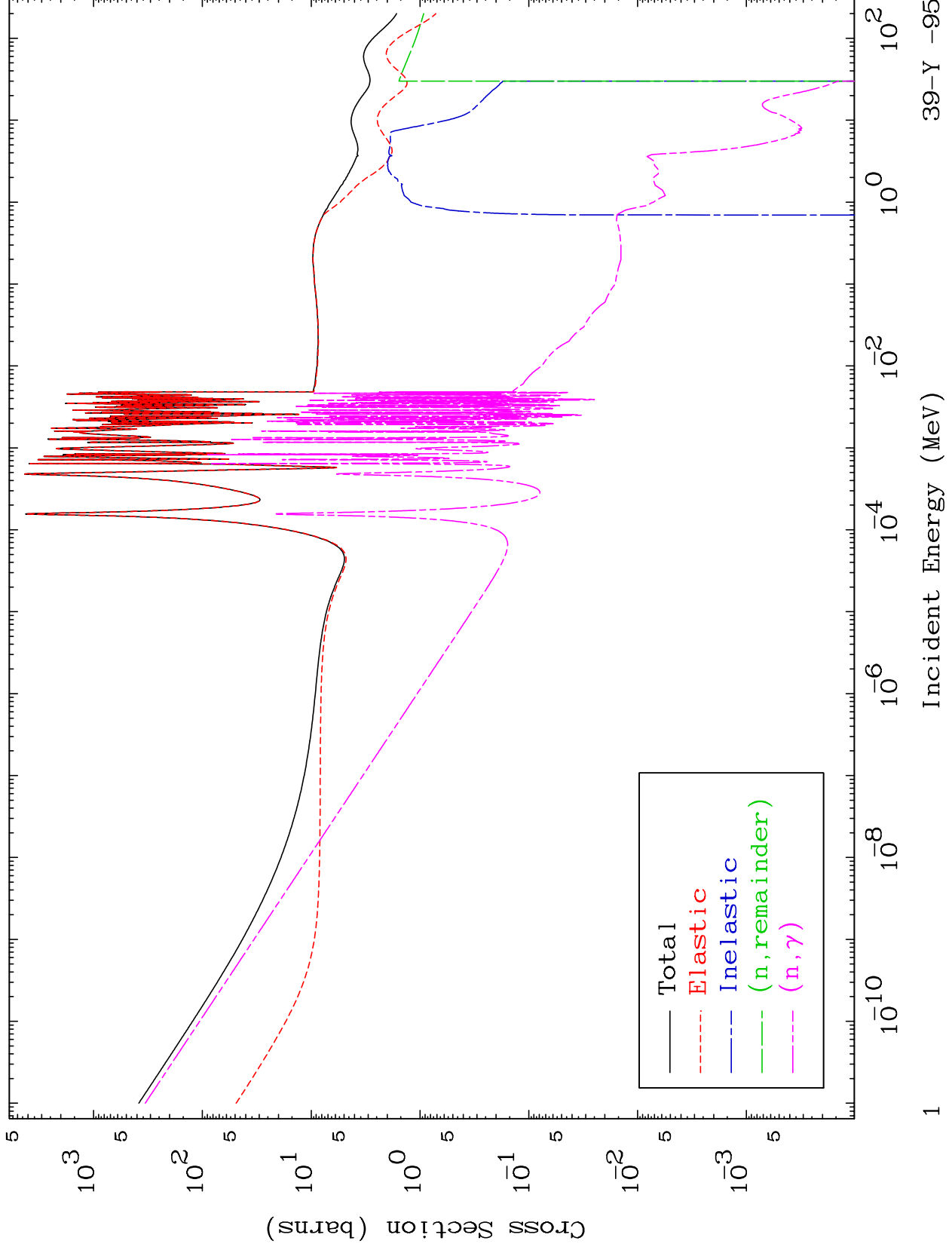
Press Mouse Button to Start

MAT 3943

Major

293 Kelvin Cross Sections

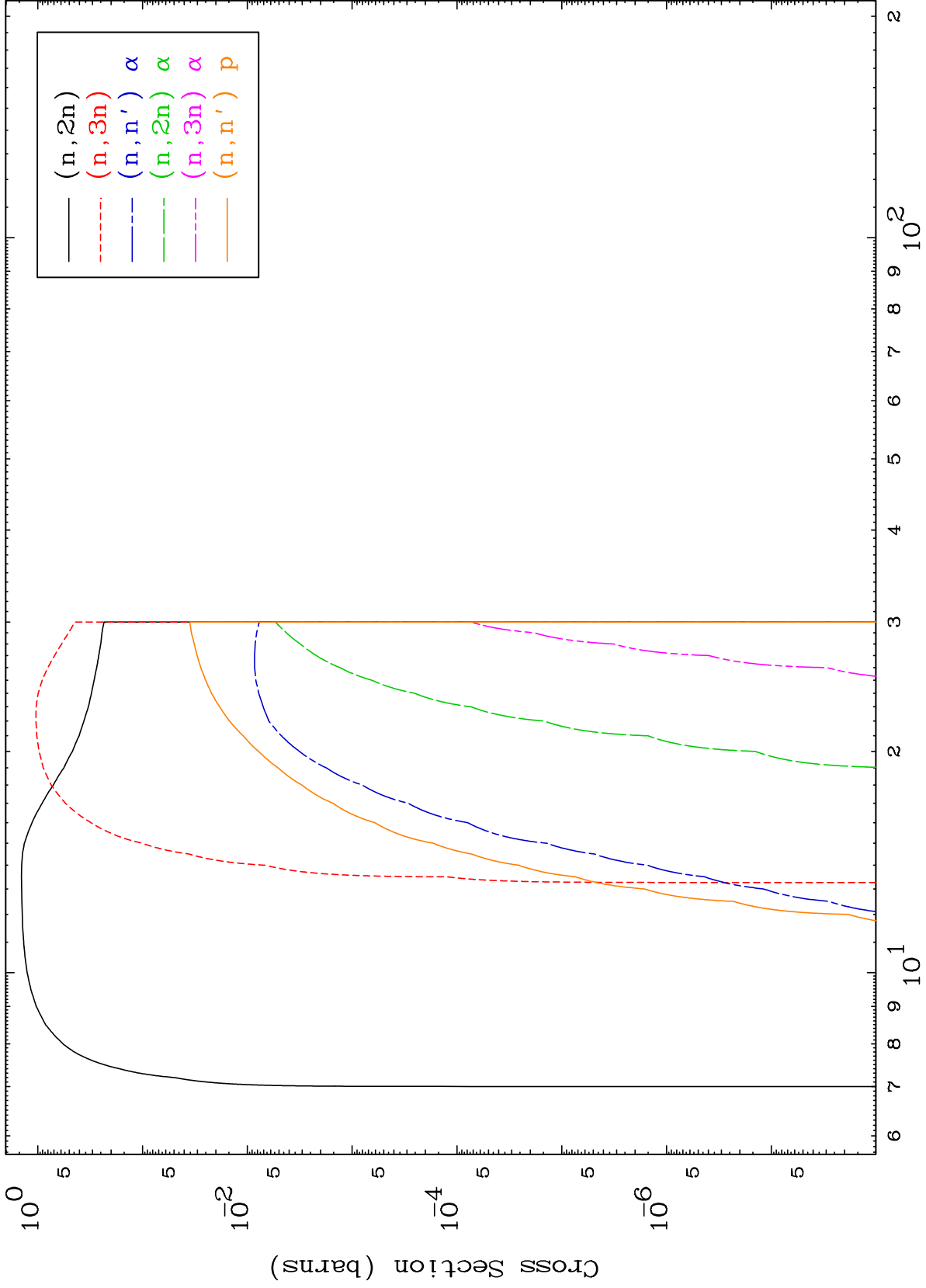
39-Y -95



MAT 3943

Neutron Production
293 Kelvin Cross Sections

39-Y -95

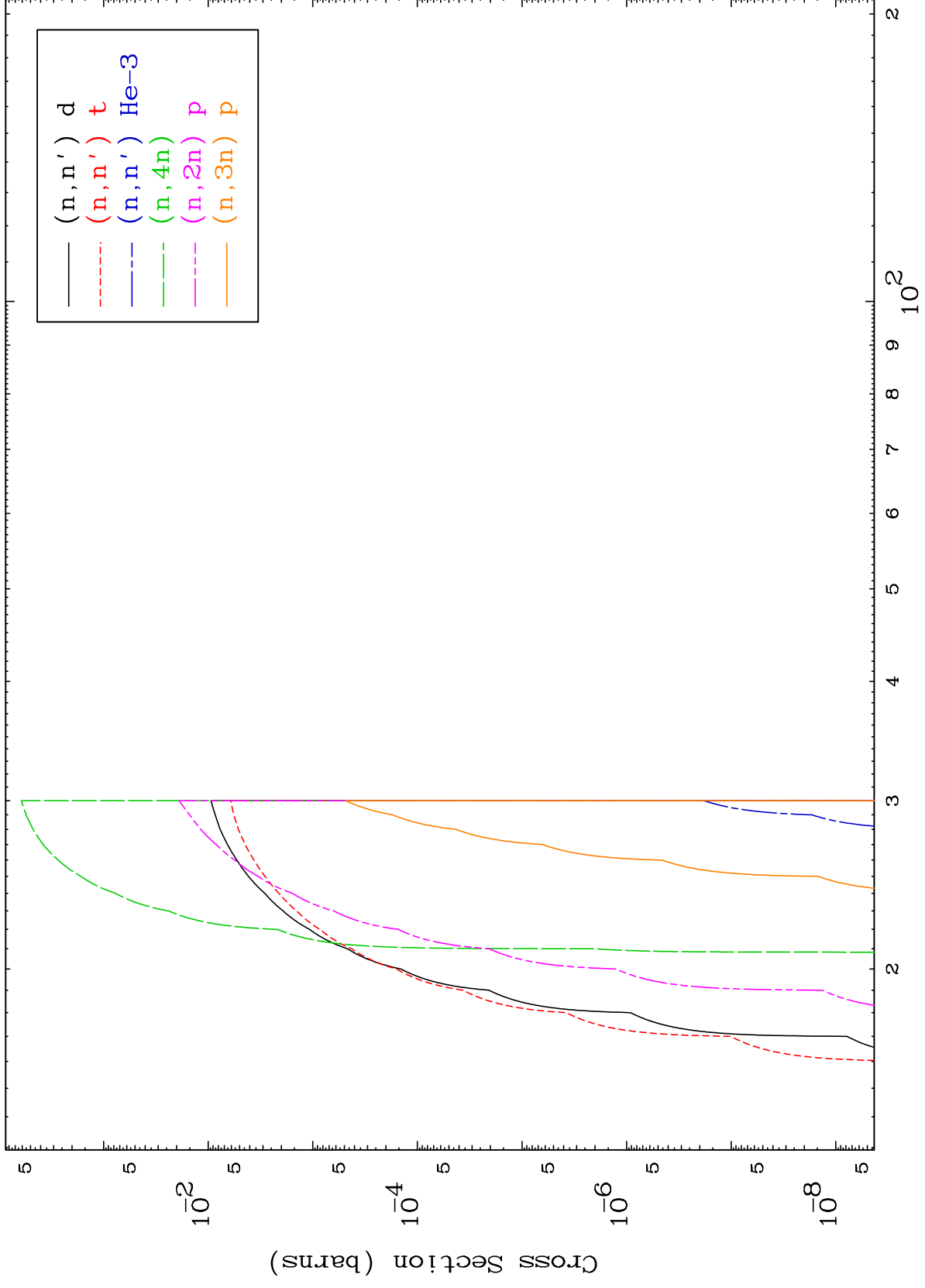


2

Incident Energy (MeV)

39-Y -95

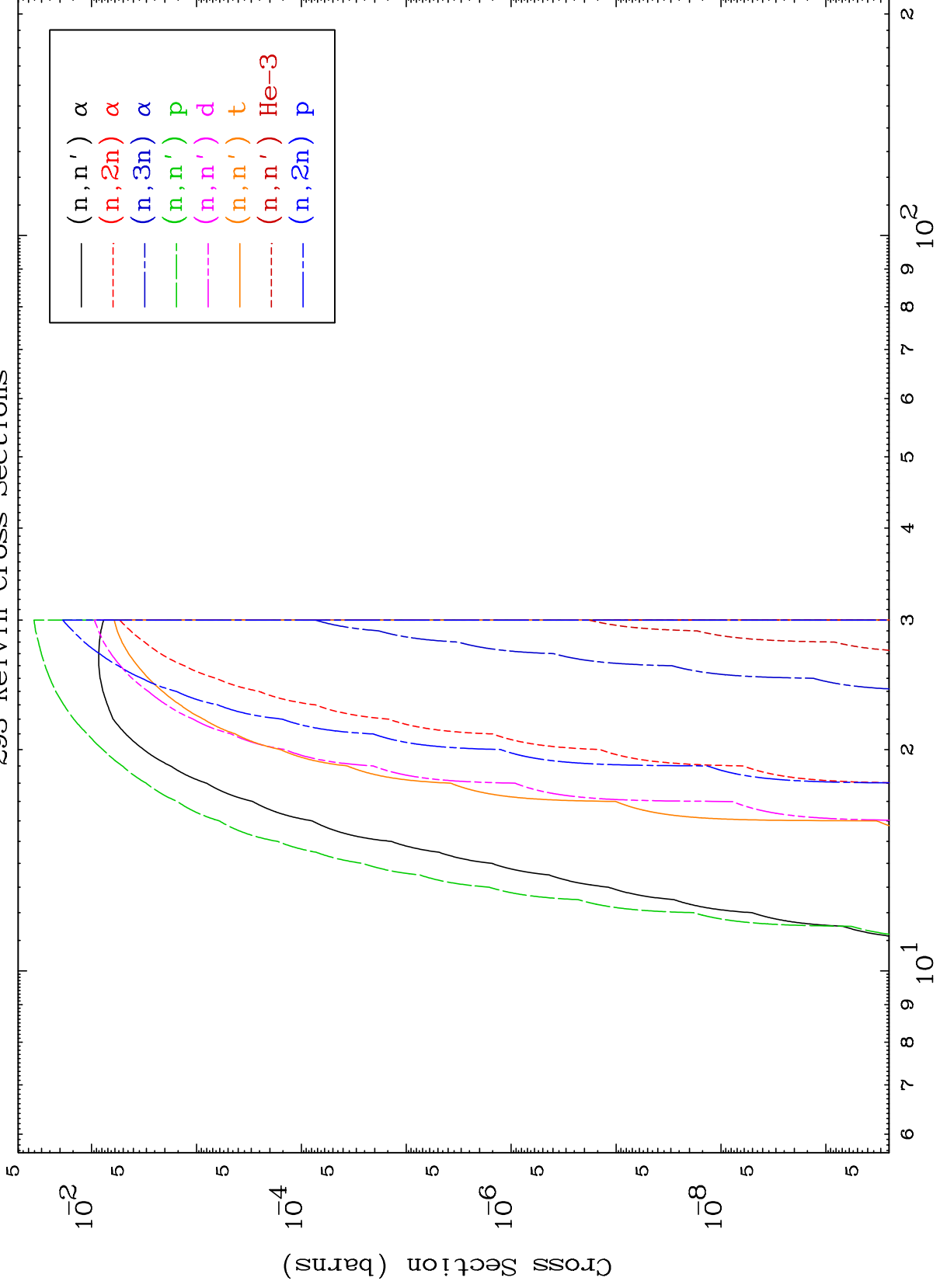
Neutron Production
293 Kelvin Cross Sections



MAT 3943

Charged Particle
293 Kelvin Cross Sections

39-Y -95



4

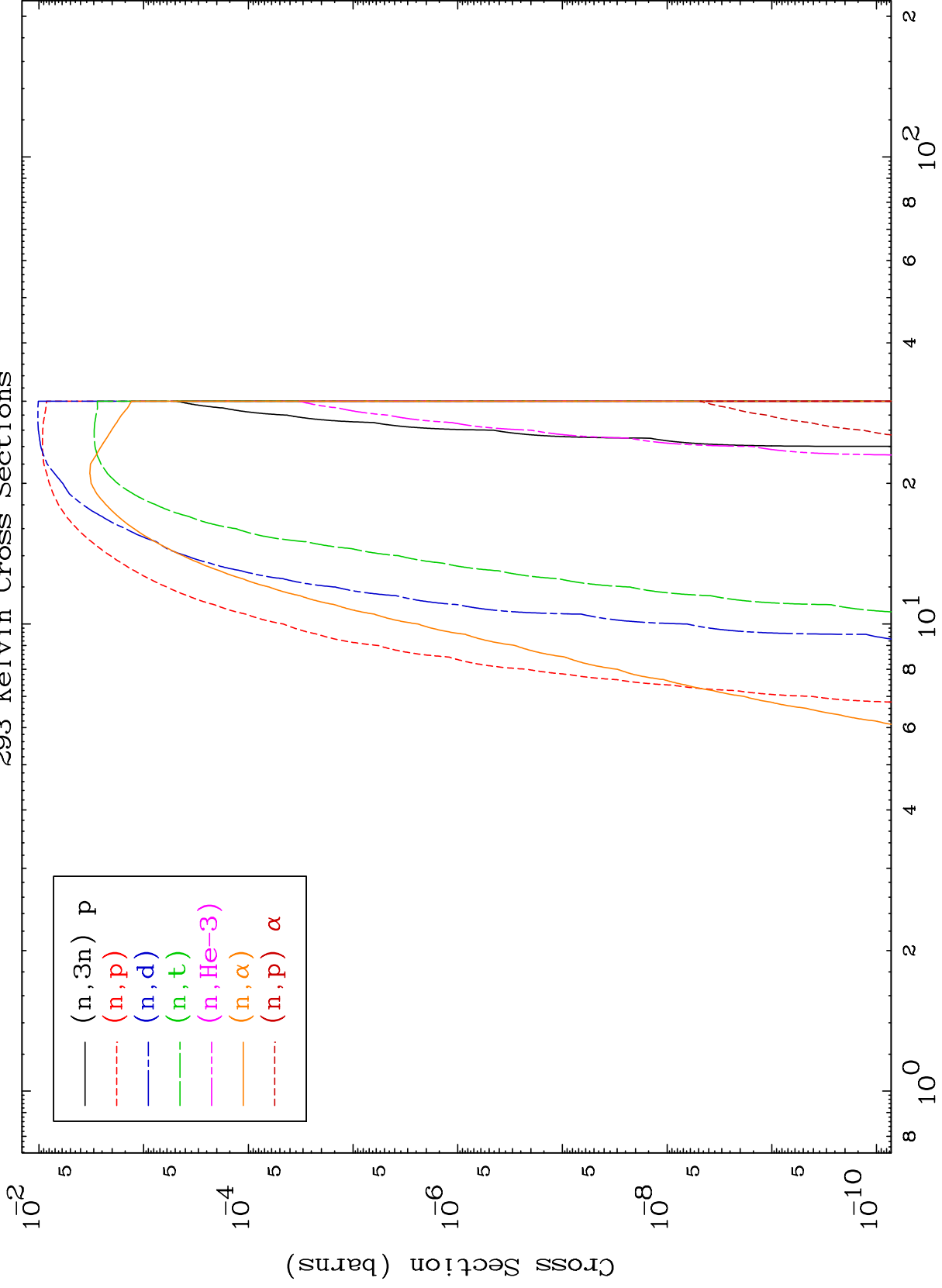
Incident Energy (MeV)

39-Y -95

MAT 3943

Charged Particle
293 Kelvin Cross Sections

39-Y -95



Incident Energy (MeV)

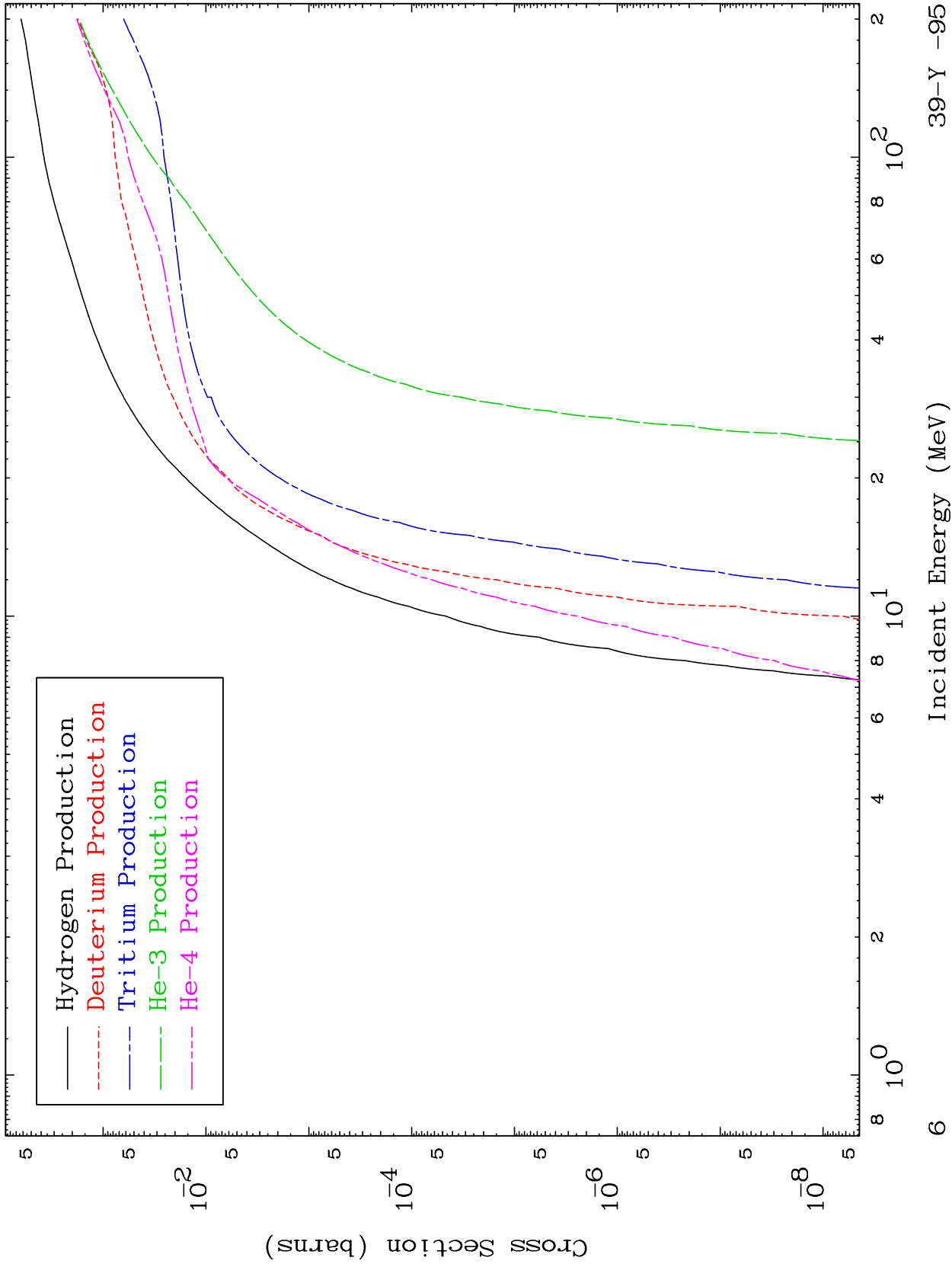
39-Y -95

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MAT 3943

Particle Production
293 Kelvin Cross Sections

39-Y -95



39-Y -95

Incident Energy (MeV)

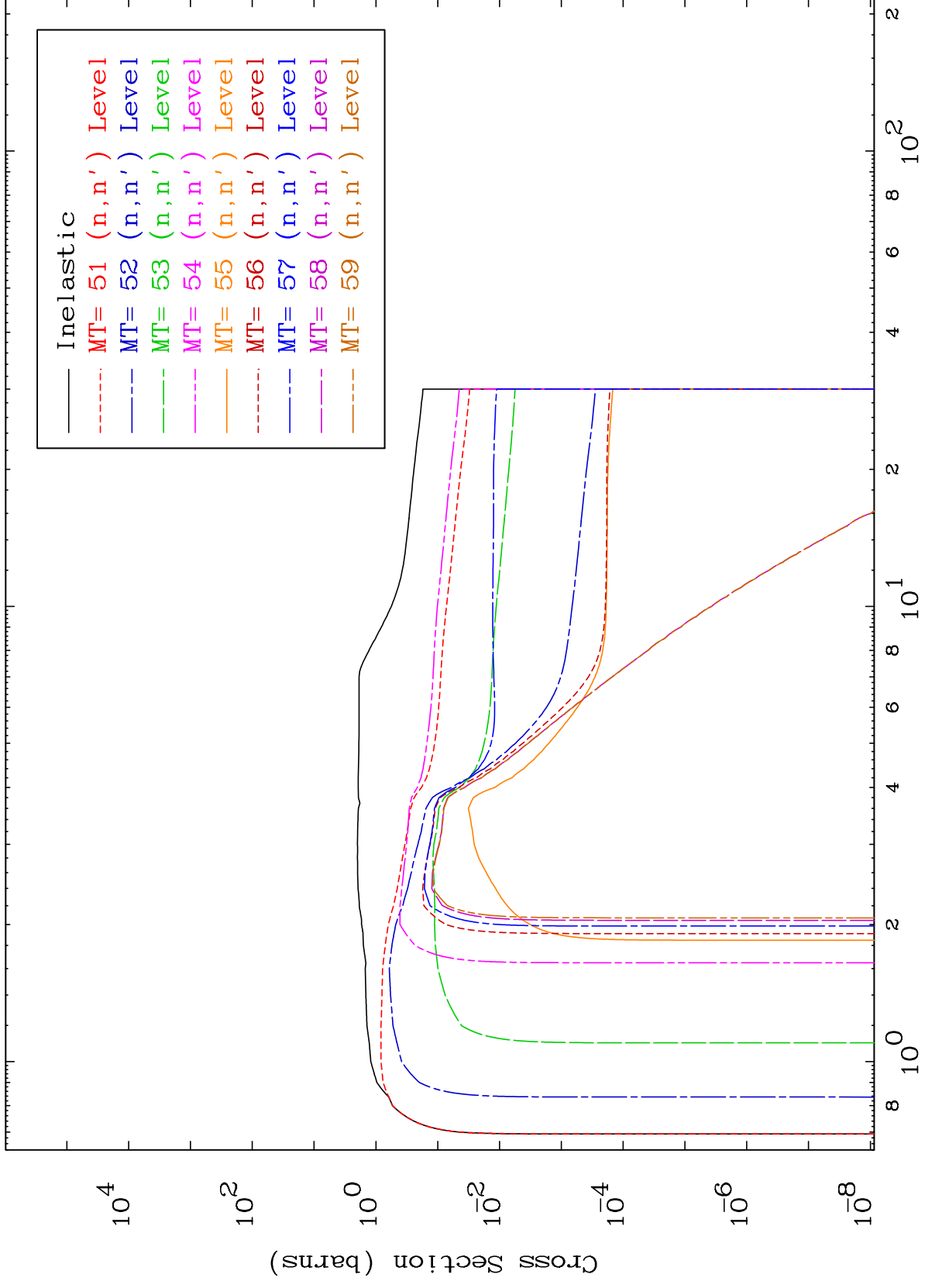
6

MAT 3943

(n,n') Level

39-Y -95

293 Kelvin Cross Sections



7

Incident Energy (MeV)

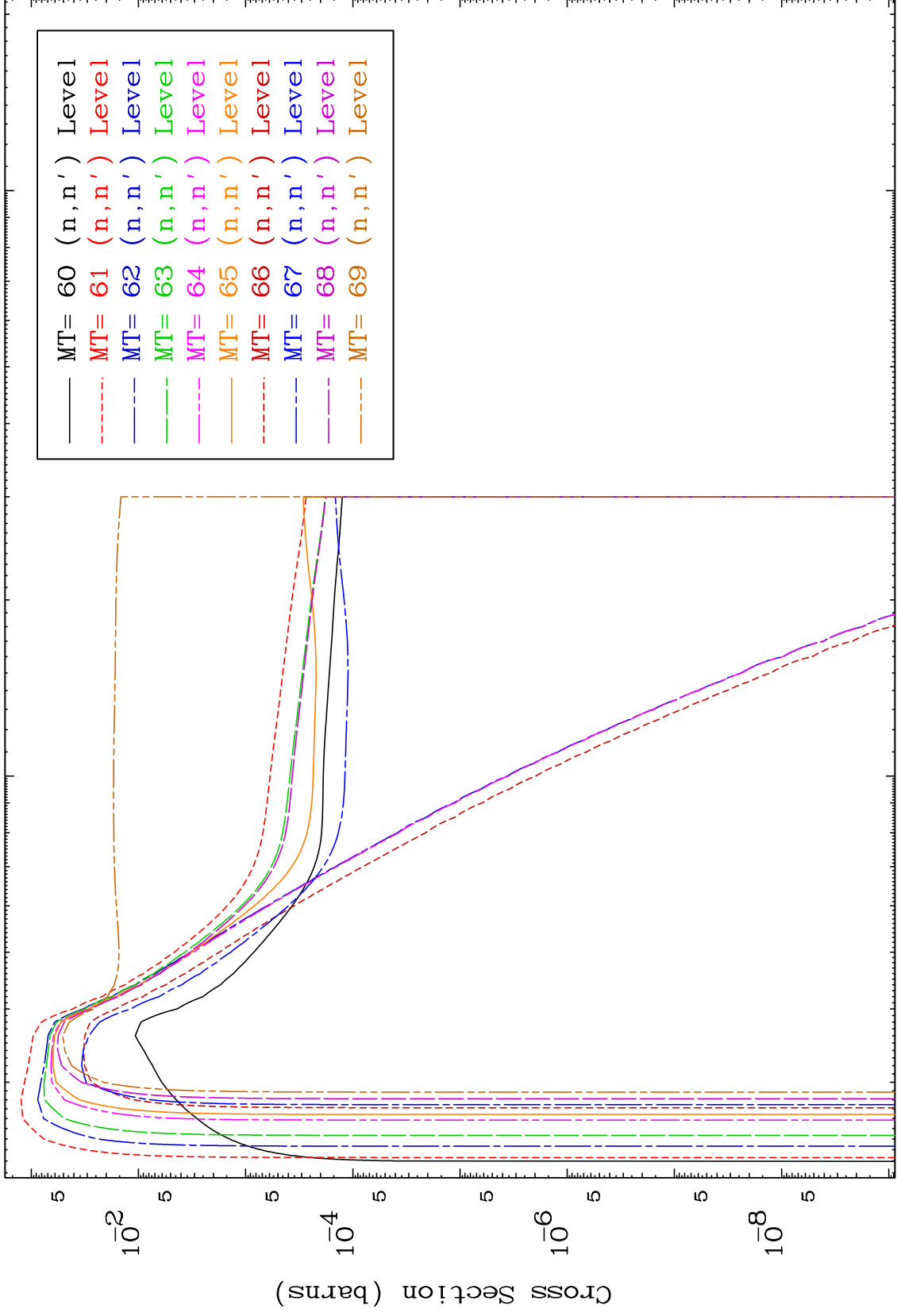
39-Y -95

MAT 3943

(n,n') Level

39-Y -95

293 Kelvin Cross Sections

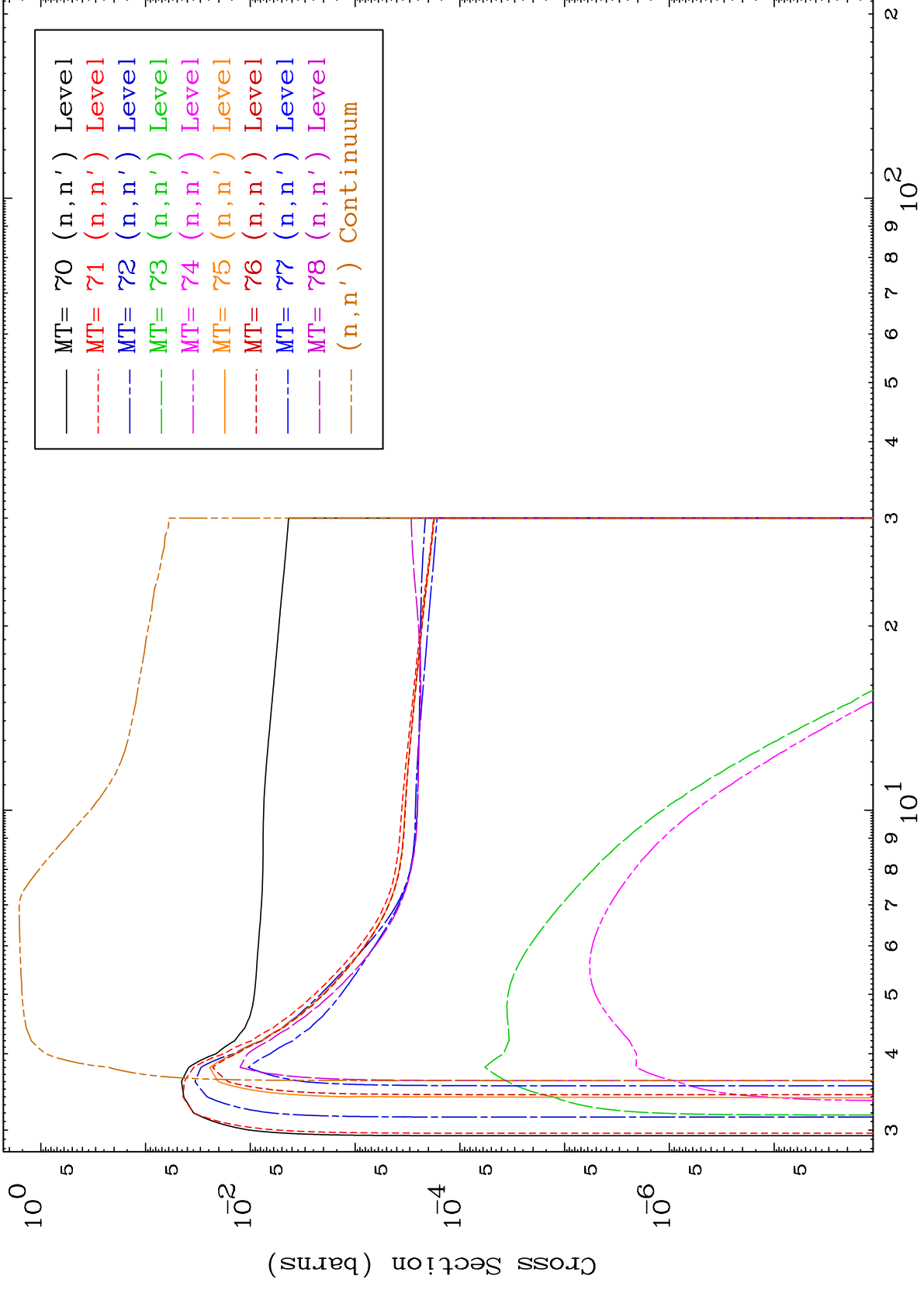


8

Incident Energy (MeV)

39-Y -95

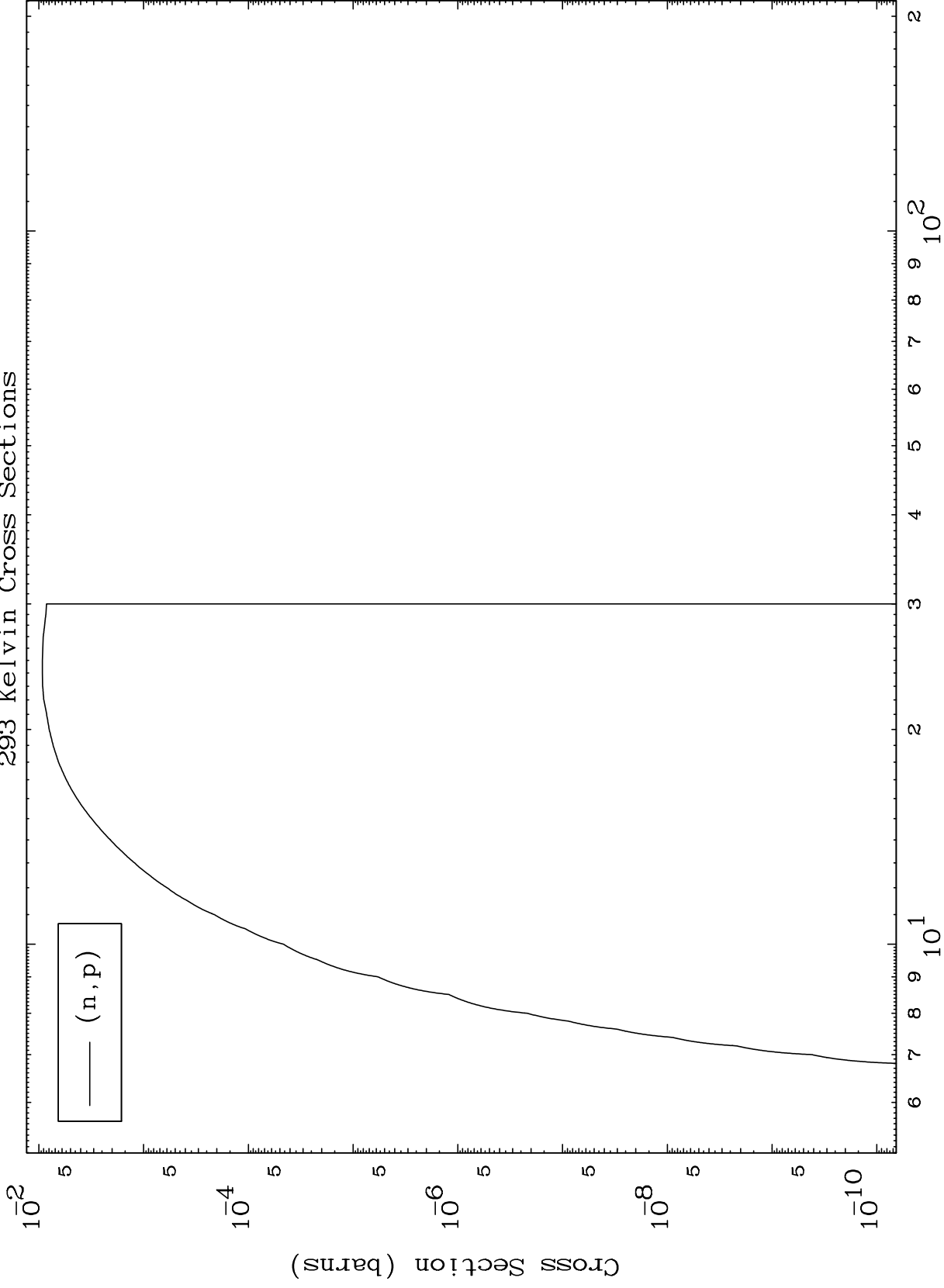
293 Kelvin Cross Sections



MAT 3943

(n,p) Levels
293 Kelvin Cross Sections

39-Y -95



10

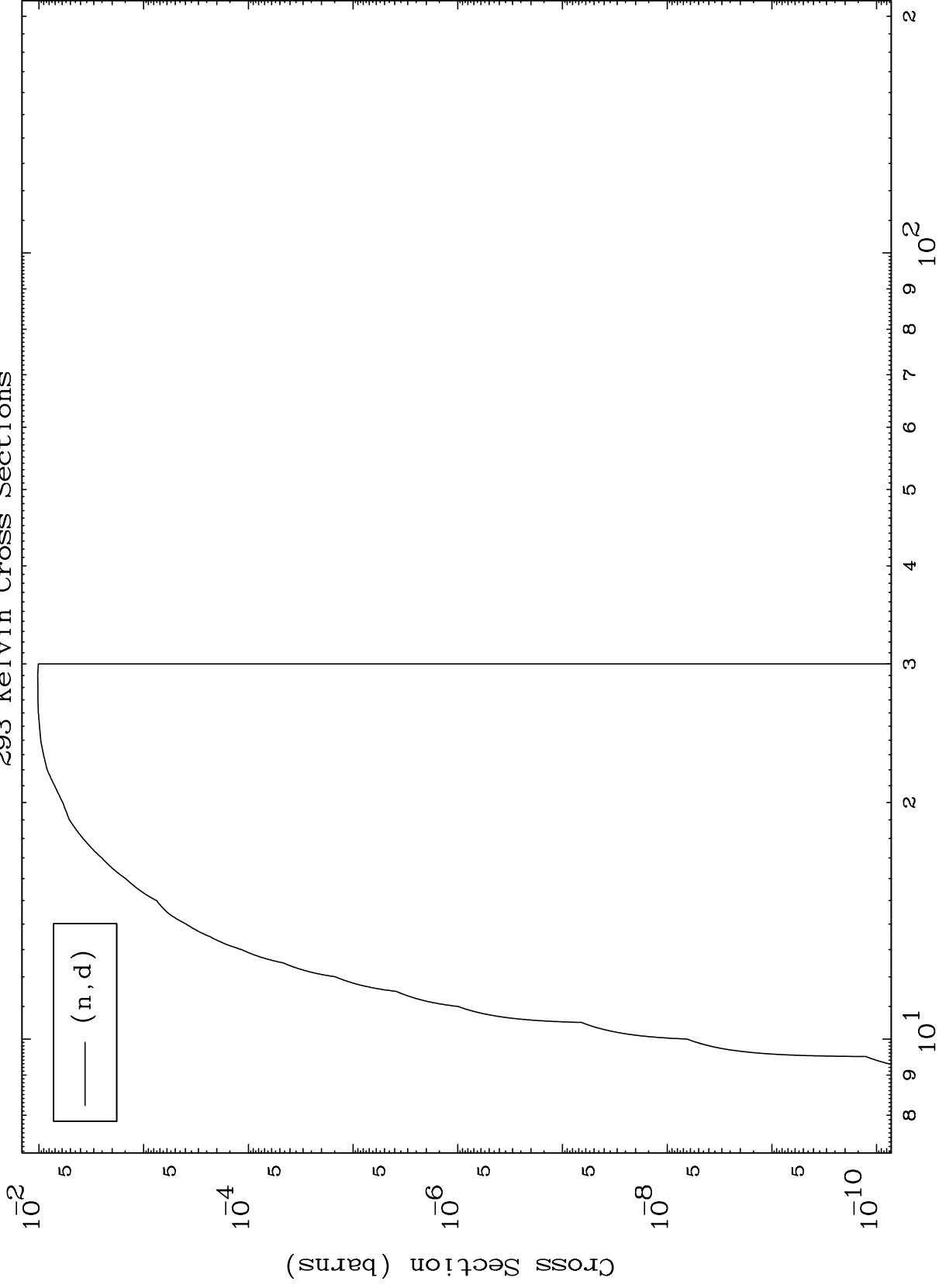
Incident Energy (MeV)

39-Y -95

MAT 3943

(n,d) Levels
293 Kelvin Cross Sections

39-Y -95



11

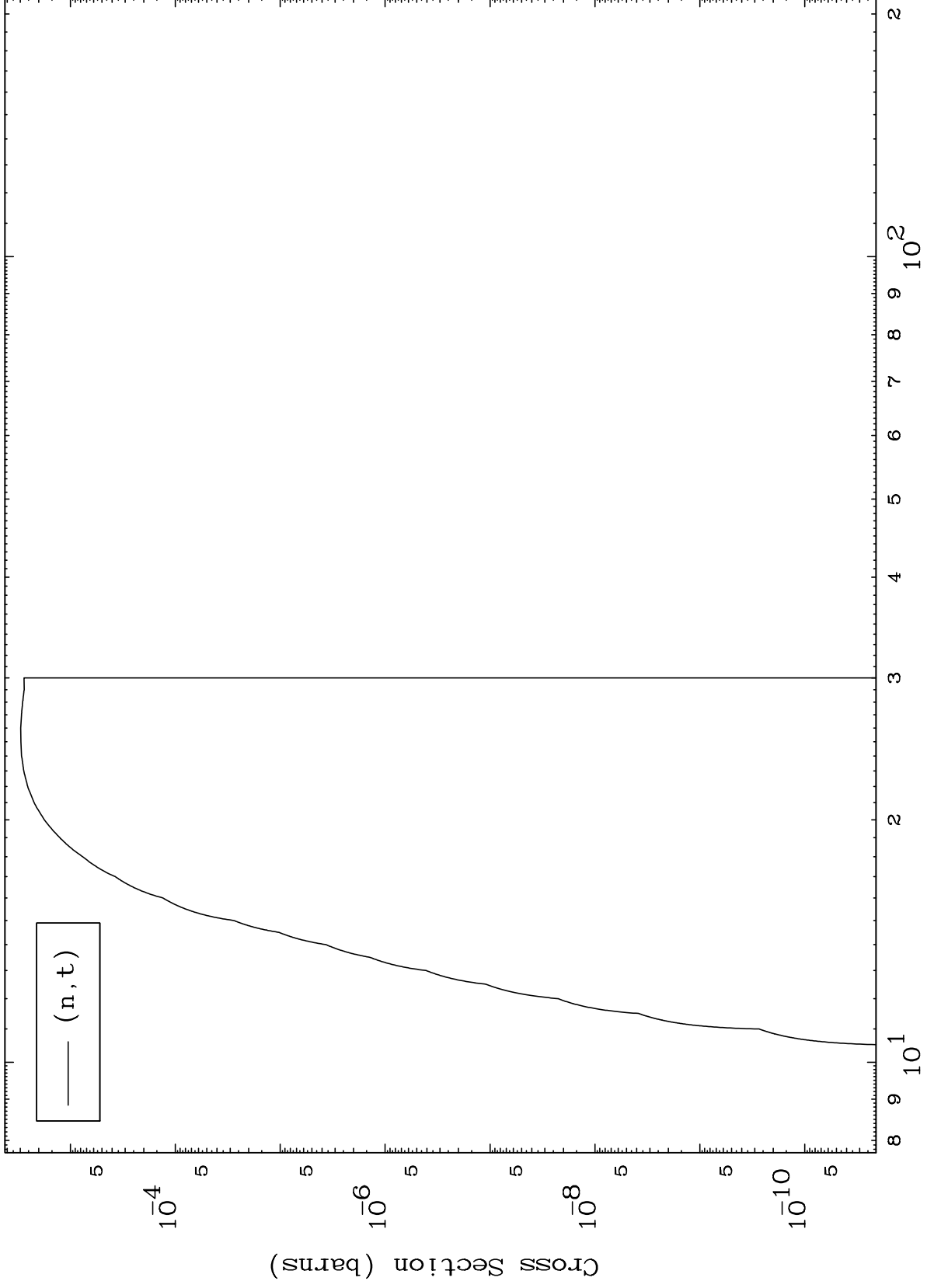
Incident Energy (MeV)

39-Y -95

MAT 3943

(n,t) Levels
293 Kelvin Cross Sections

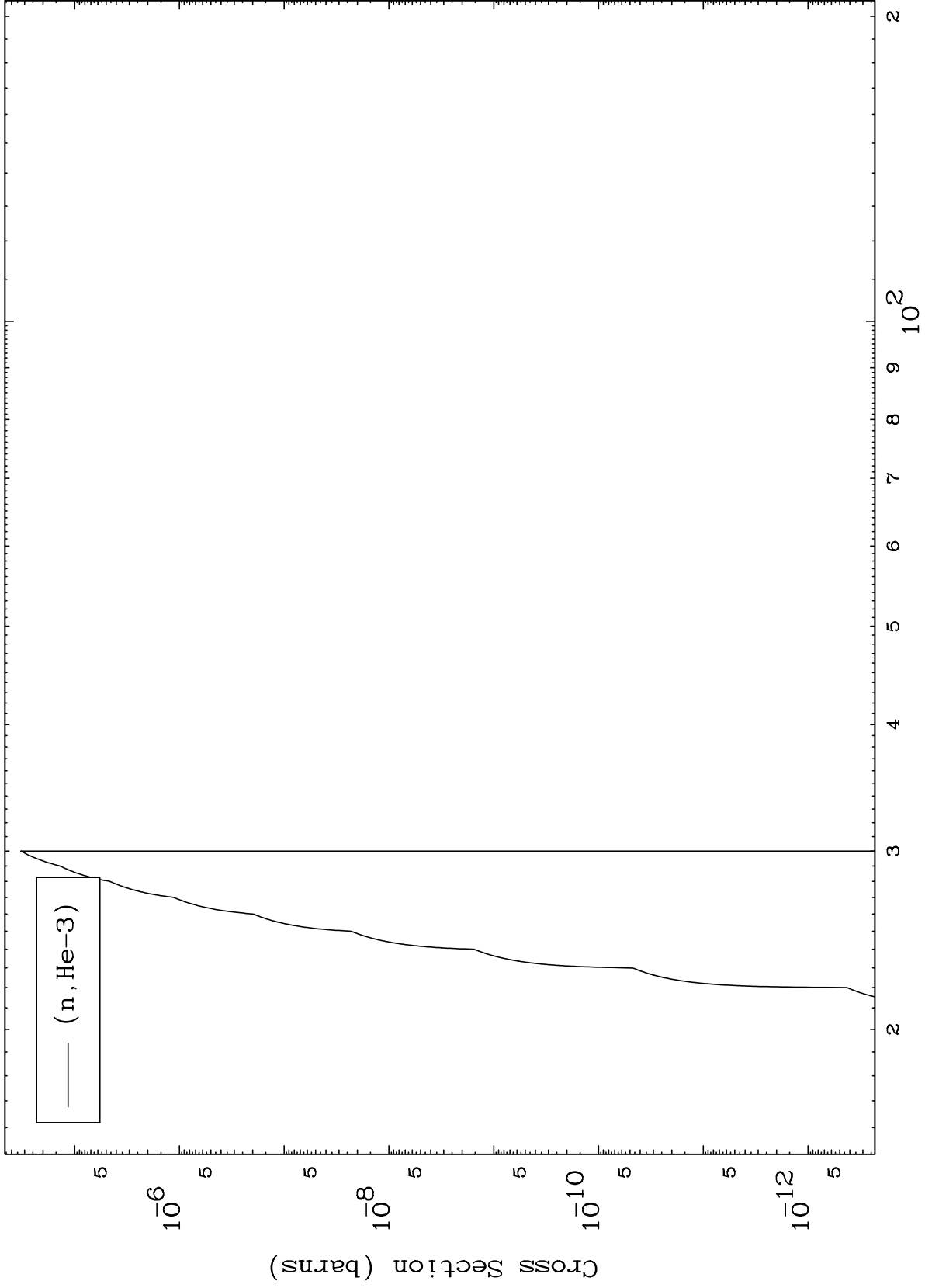
39-Y -95



12

Incident Energy (MeV)

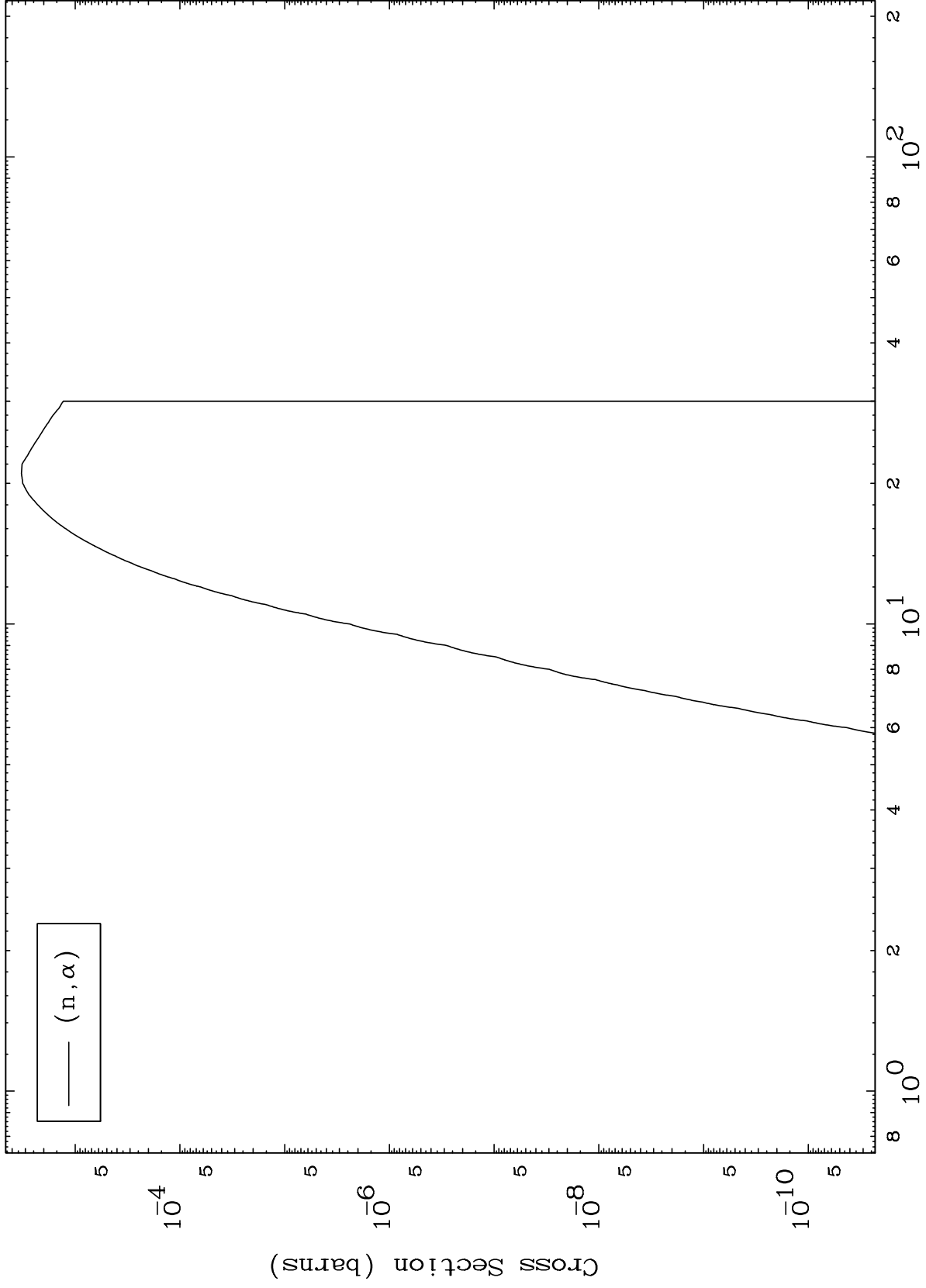
39-Y -95



MAT 3943

(n, α) Levels
293 Kelvin Cross Sections

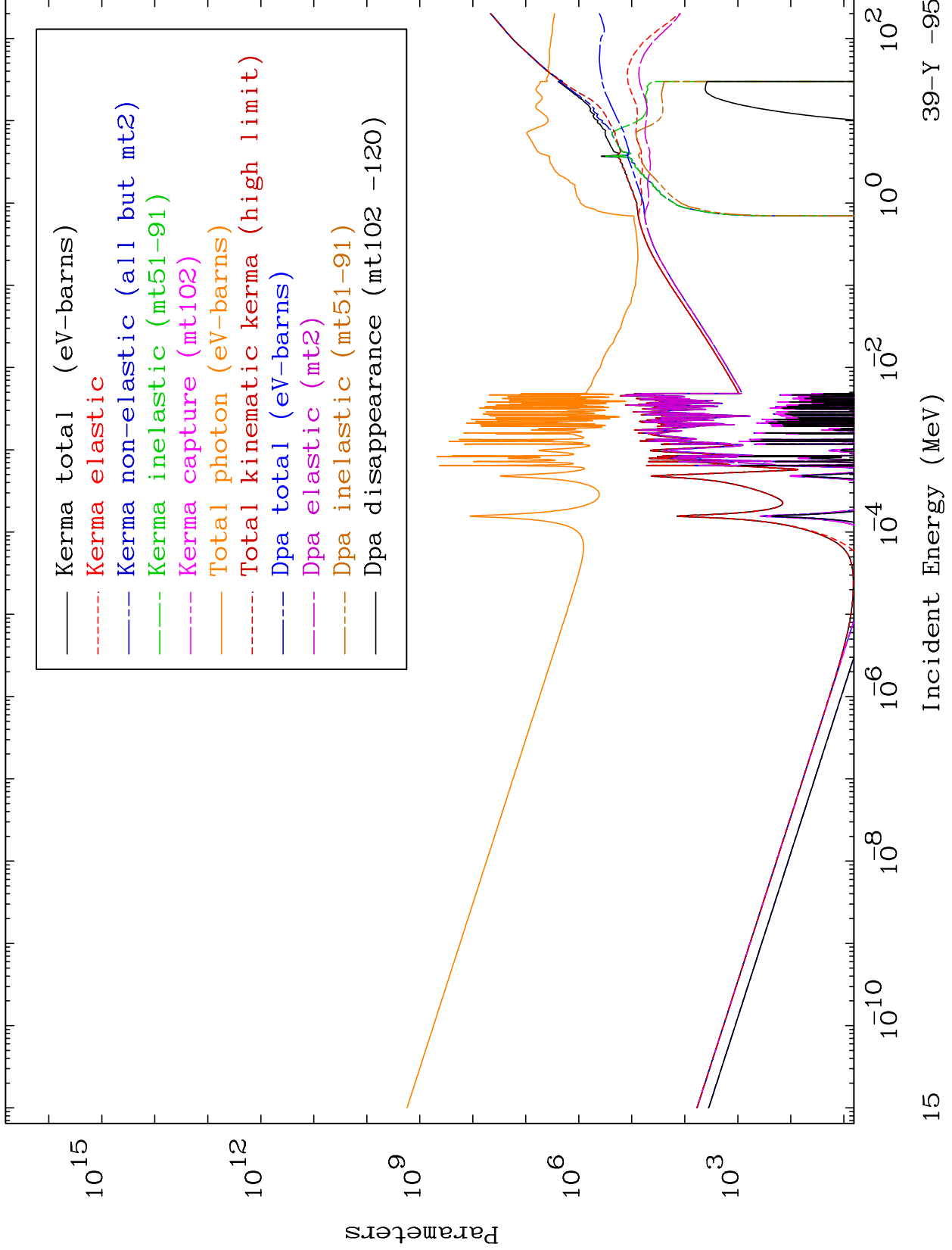
39-Y -95



14

Incident Energy (MeV)

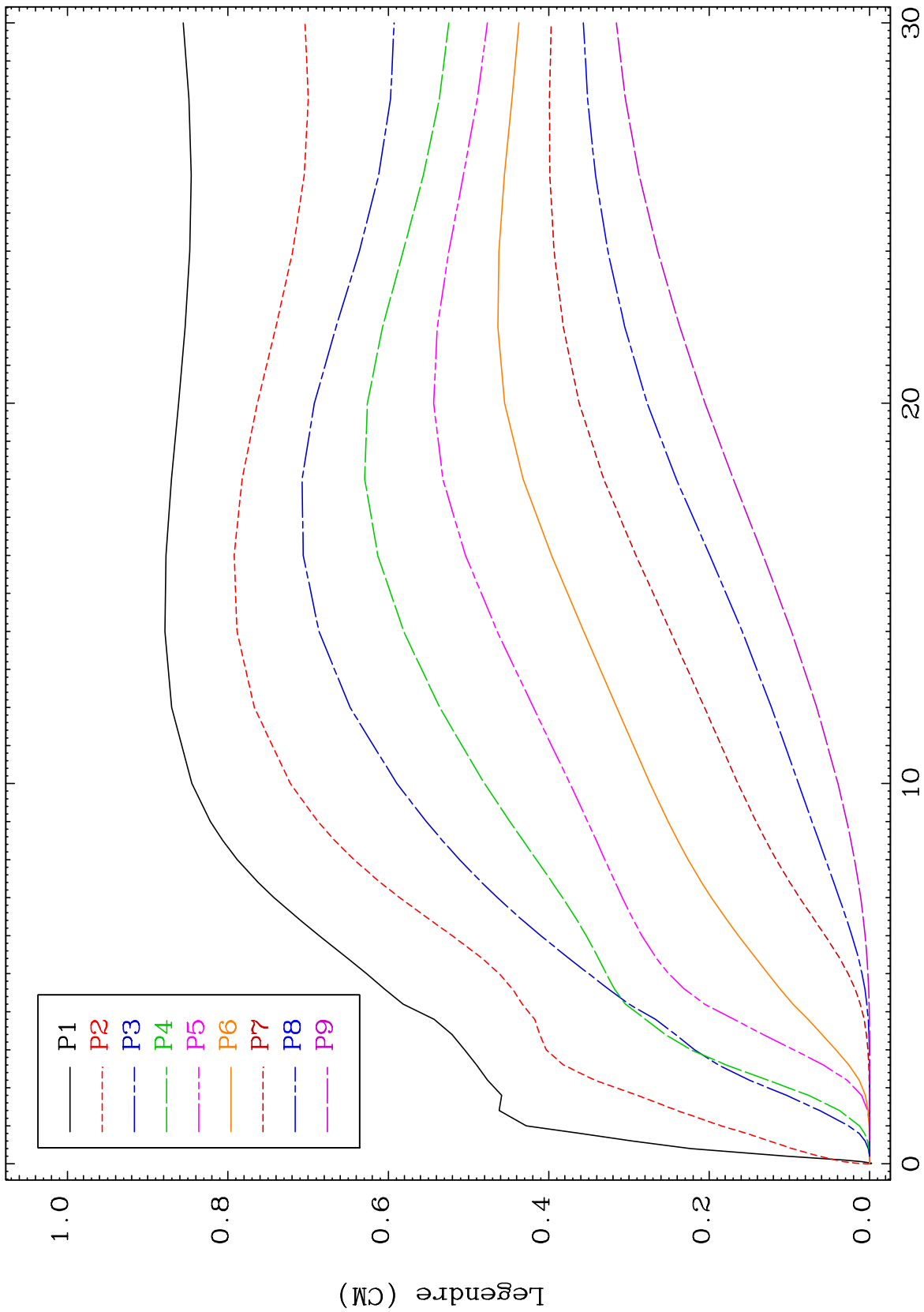
39-Y -95



MAT 3943

Elastic Legendre Coefficients

39-Y -95



16

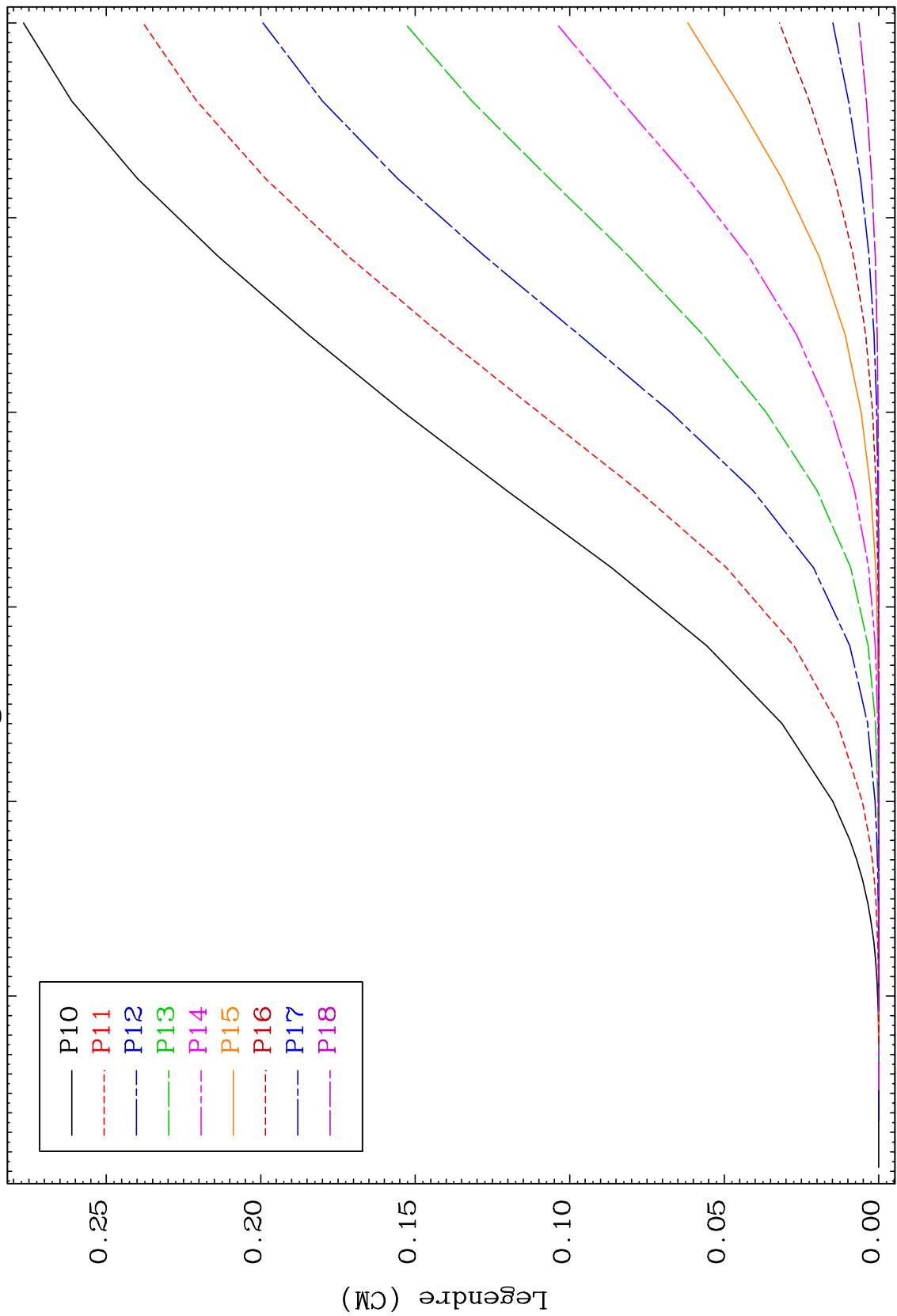
Incident Energy (MeV)

39-Y -95

MAT 3943

Elastic Legendre Coefficients

39-Y -95



17

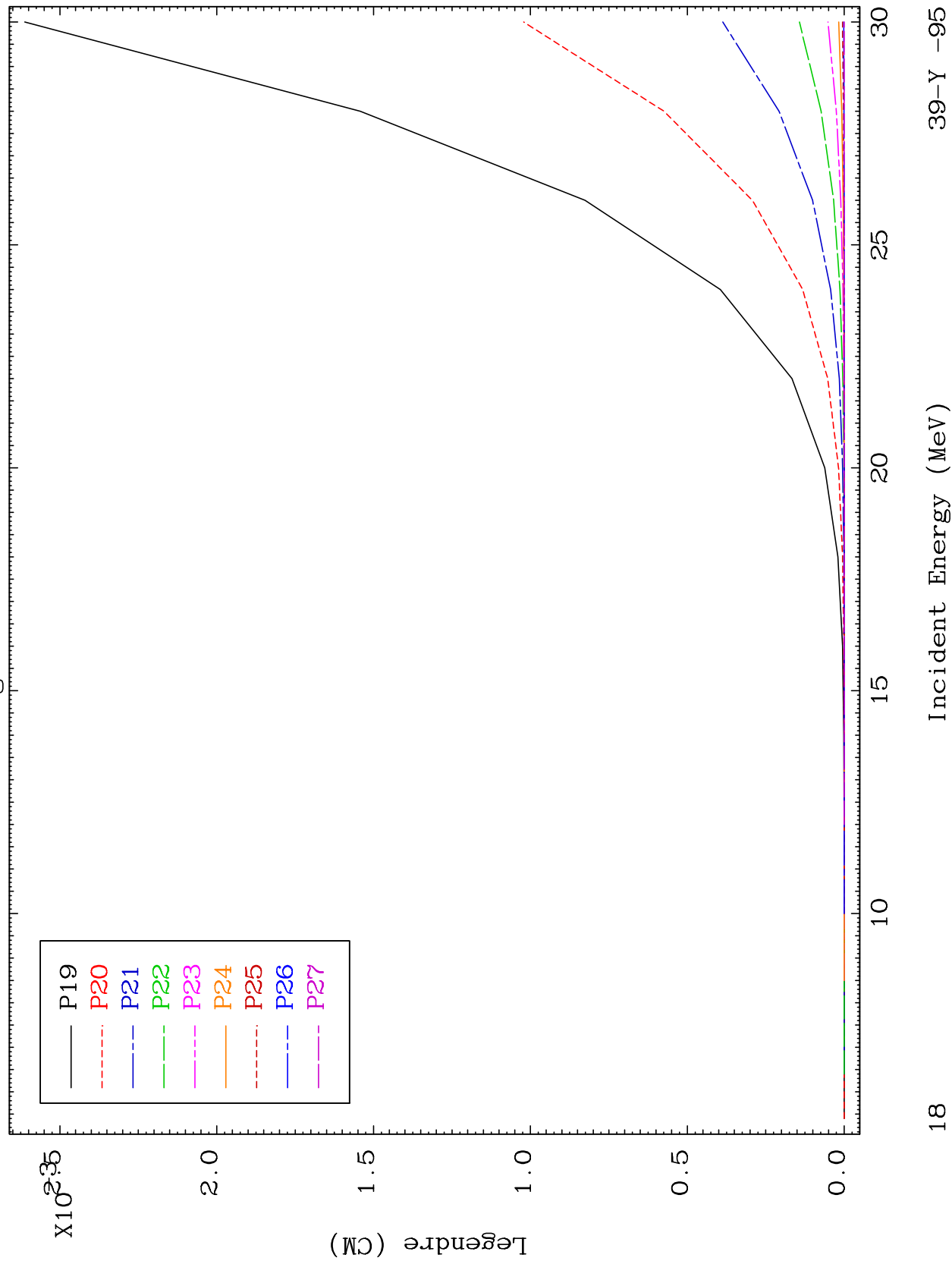
Incident Energy (MeV)

39-Y -95

MAT 3943

Elastic Legendre Coefficients

39-Y -95

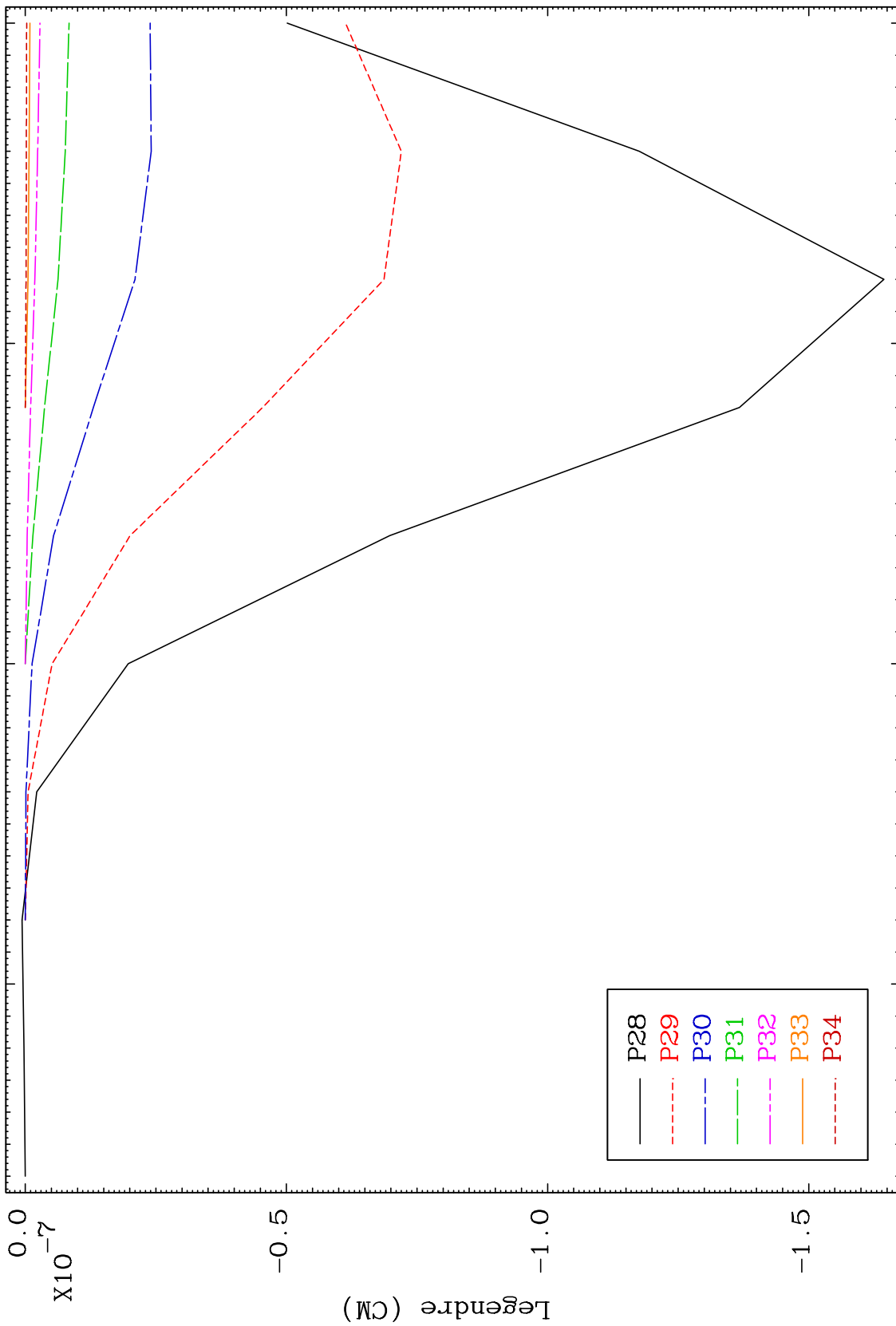


18

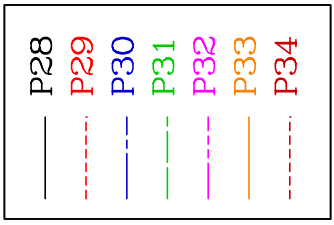
MAT 3943

39-Y -95

Elastic Legendre Coefficients



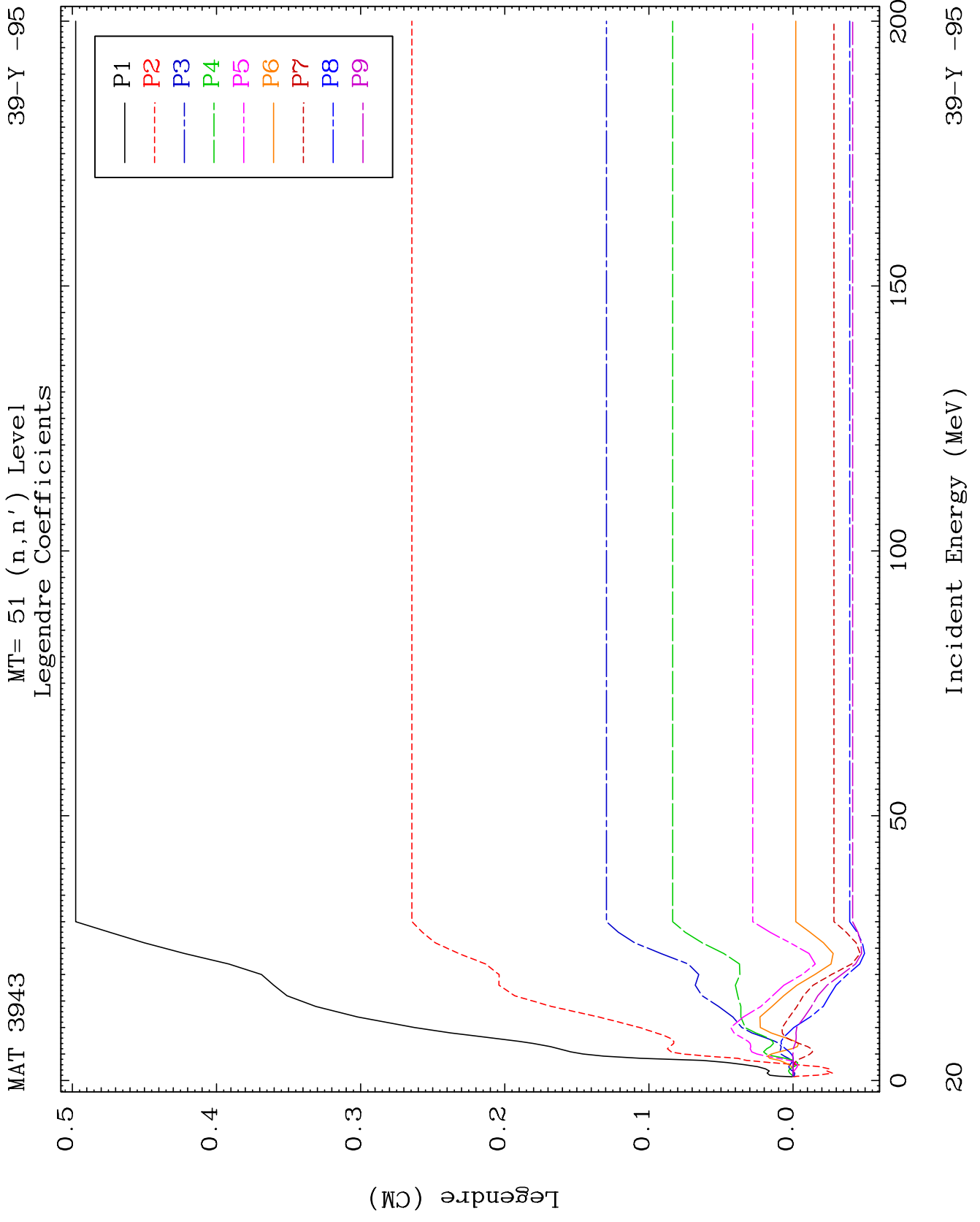
Legendre (CM)
 $\times 10^{-7}$



19

Incident Energy (MeV)

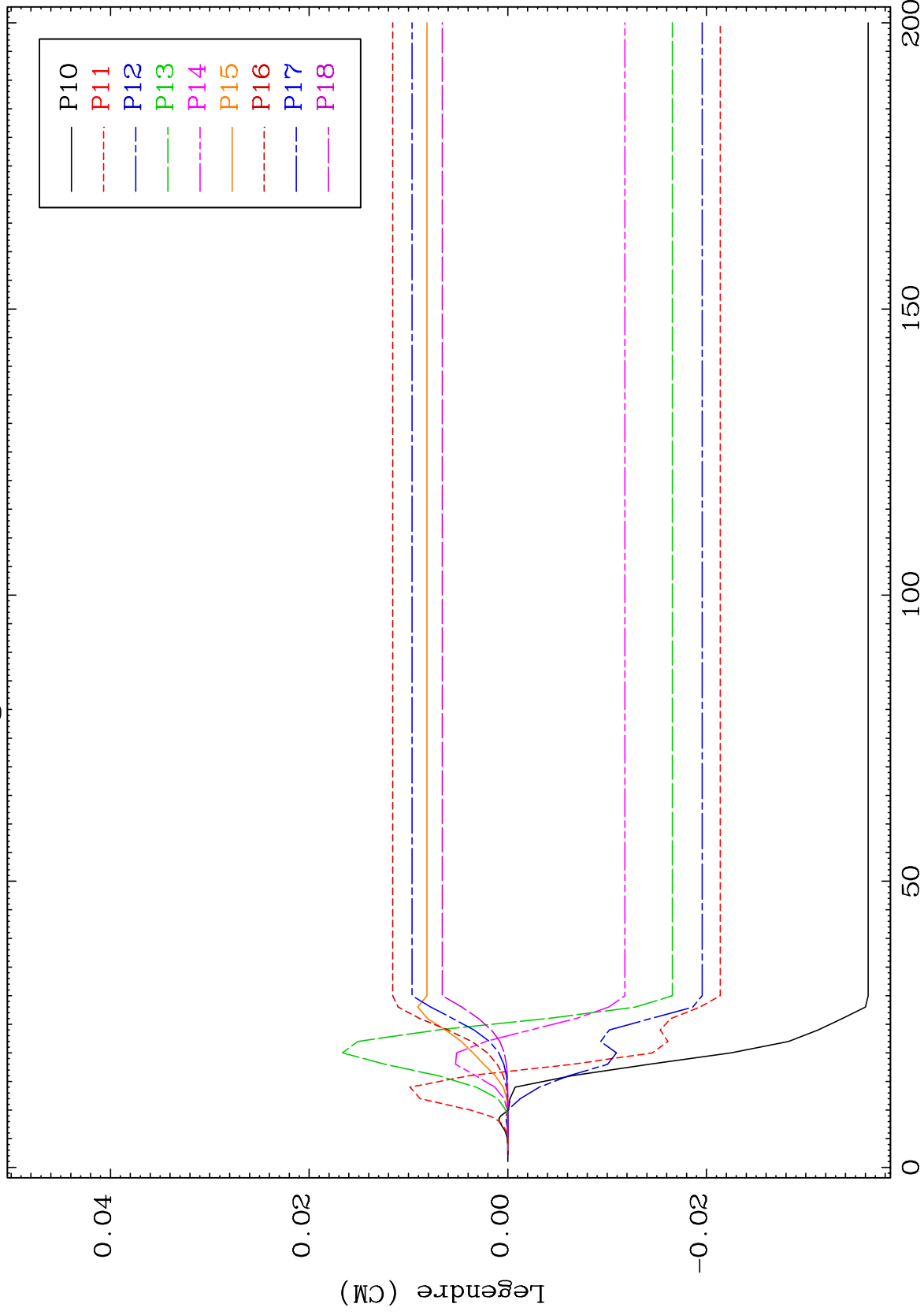
39-Y -95



MAT 3943

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

39-Y -95



21

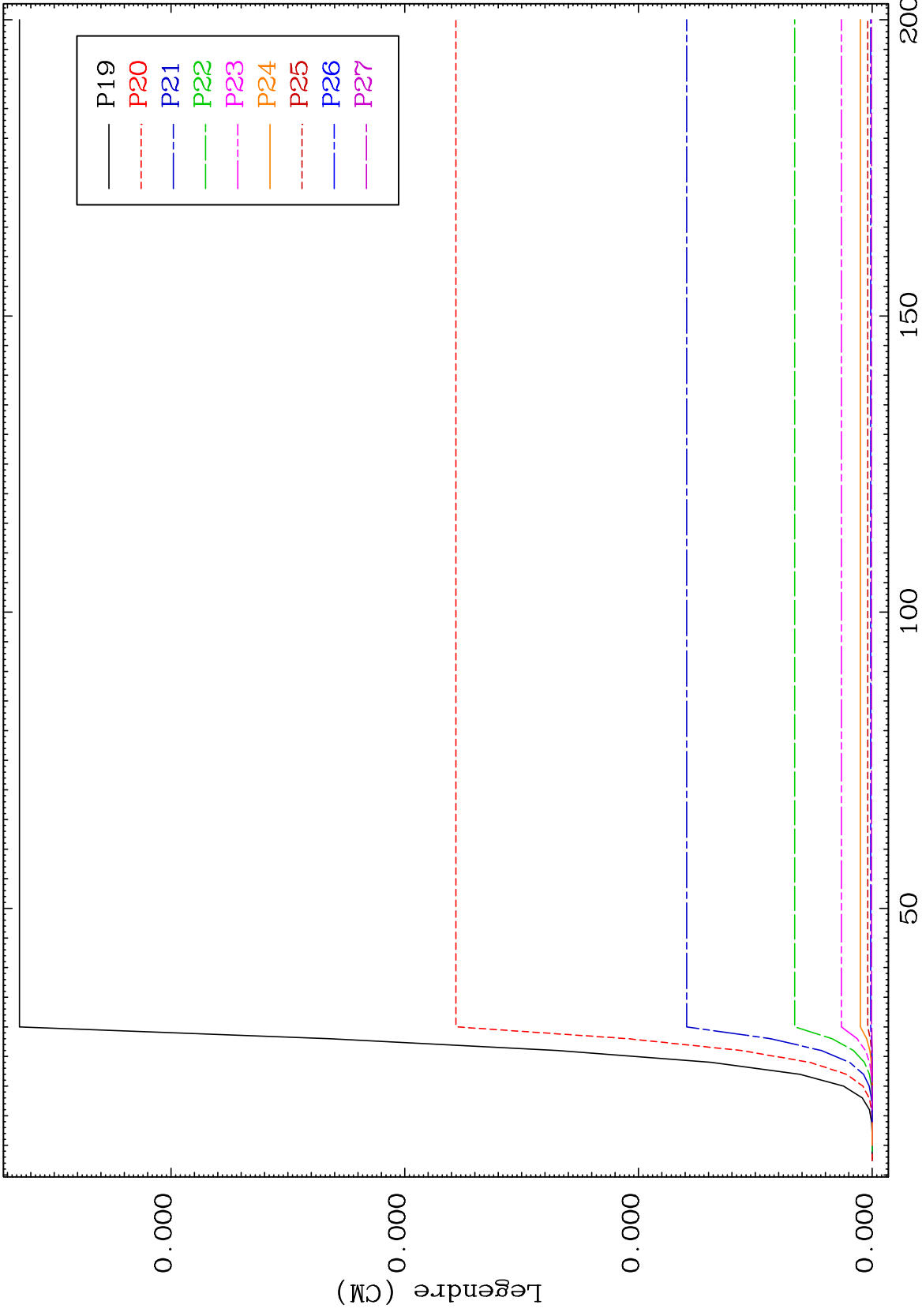
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



22

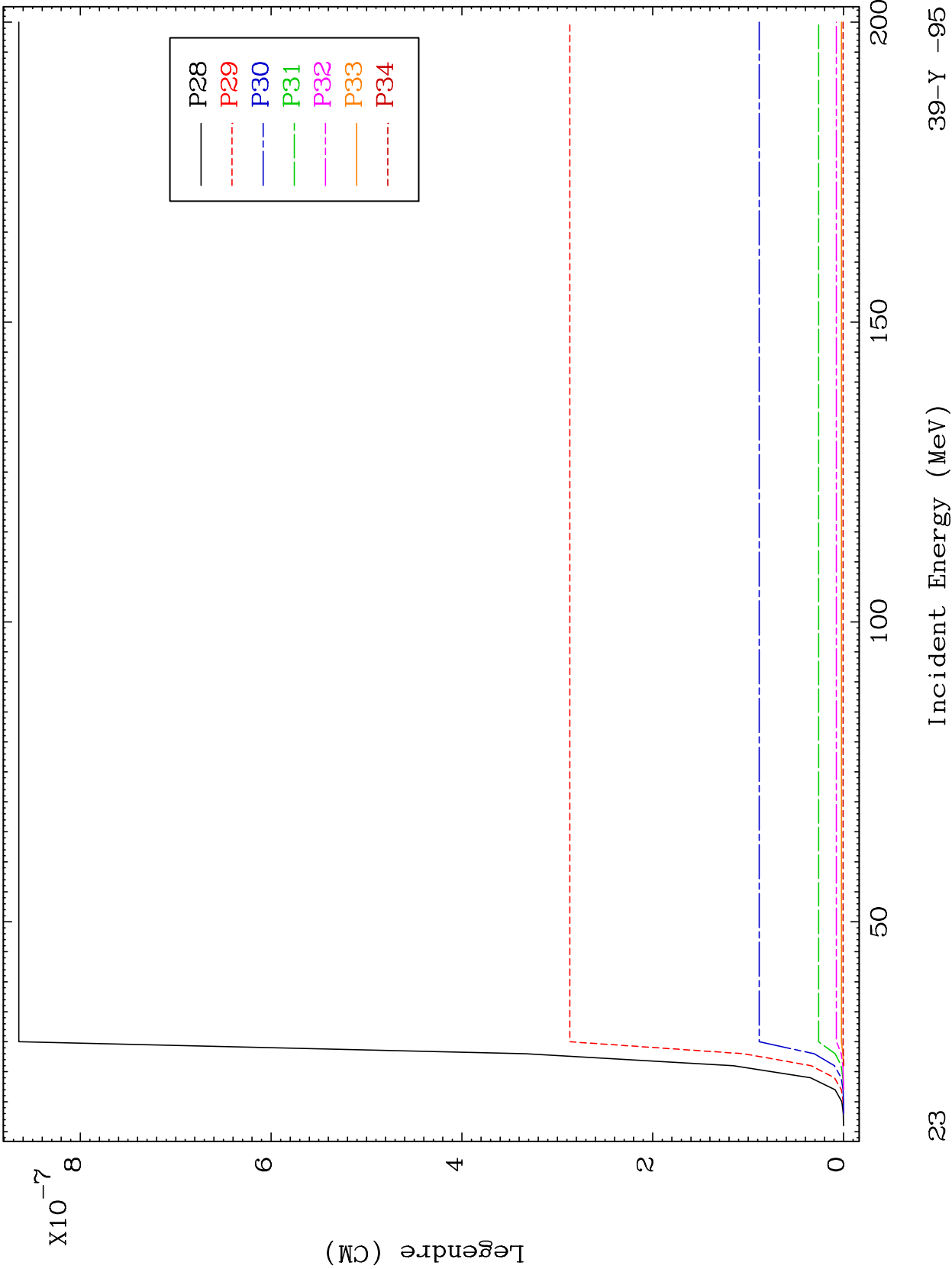
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



23

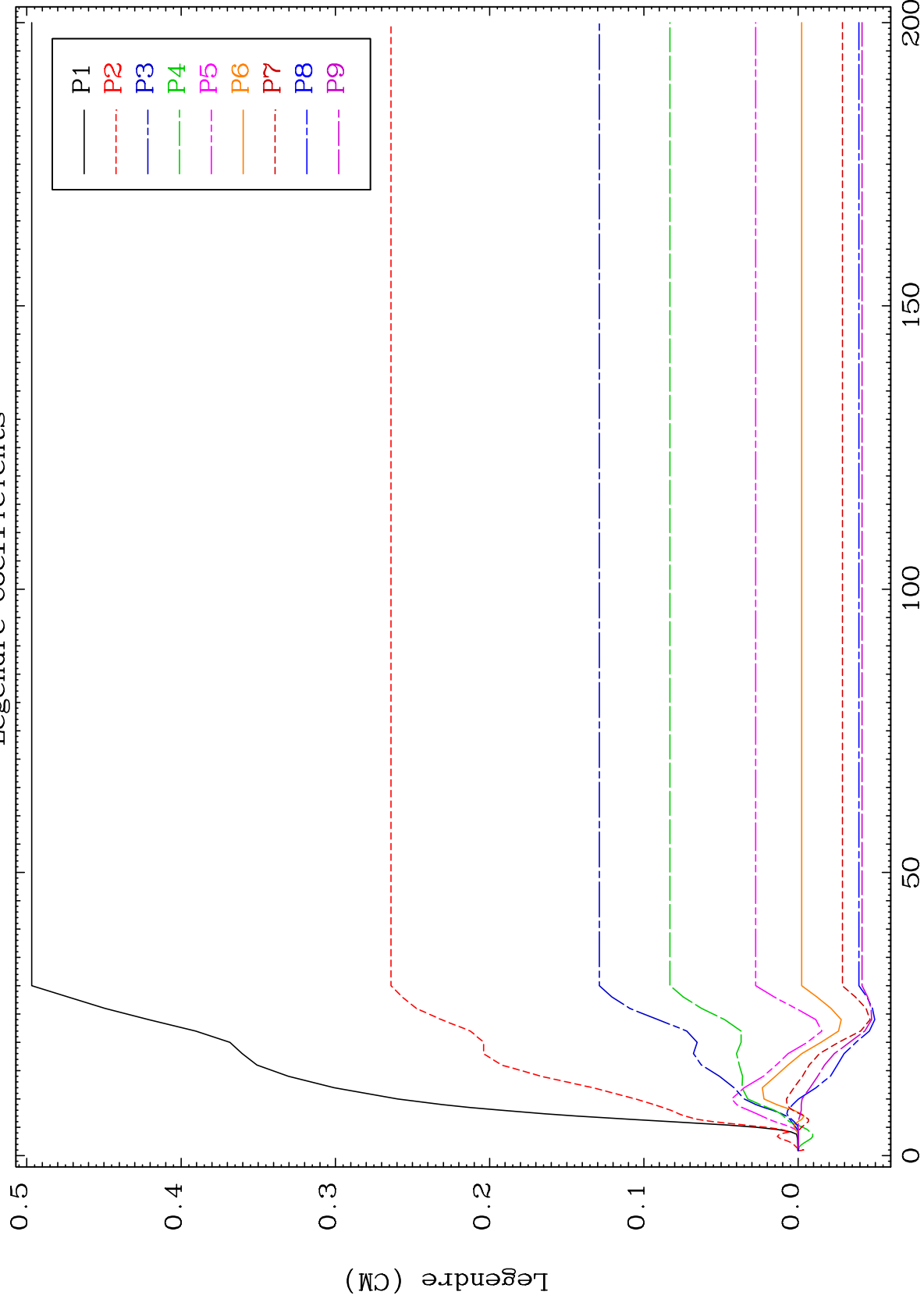
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



24

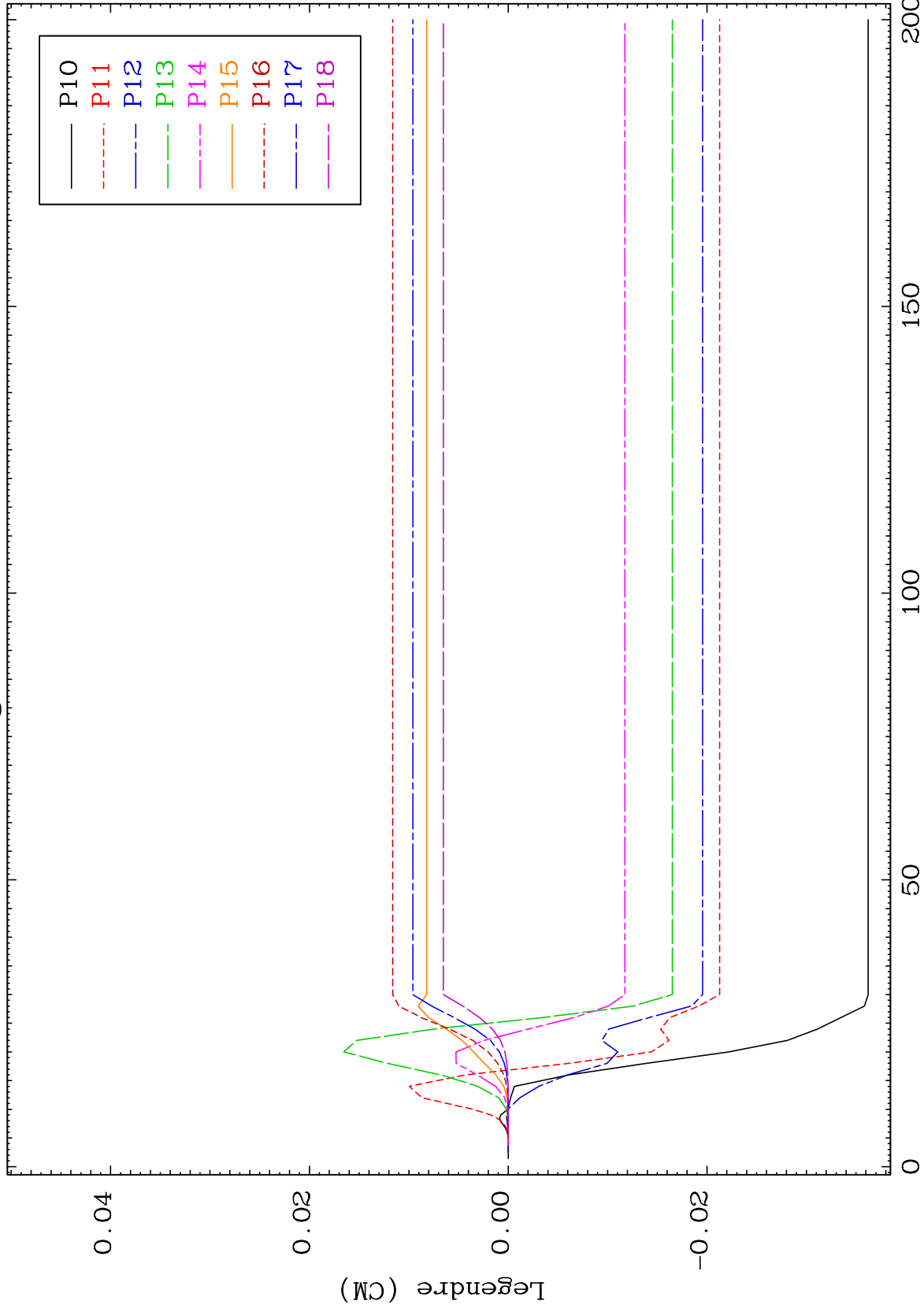
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



25

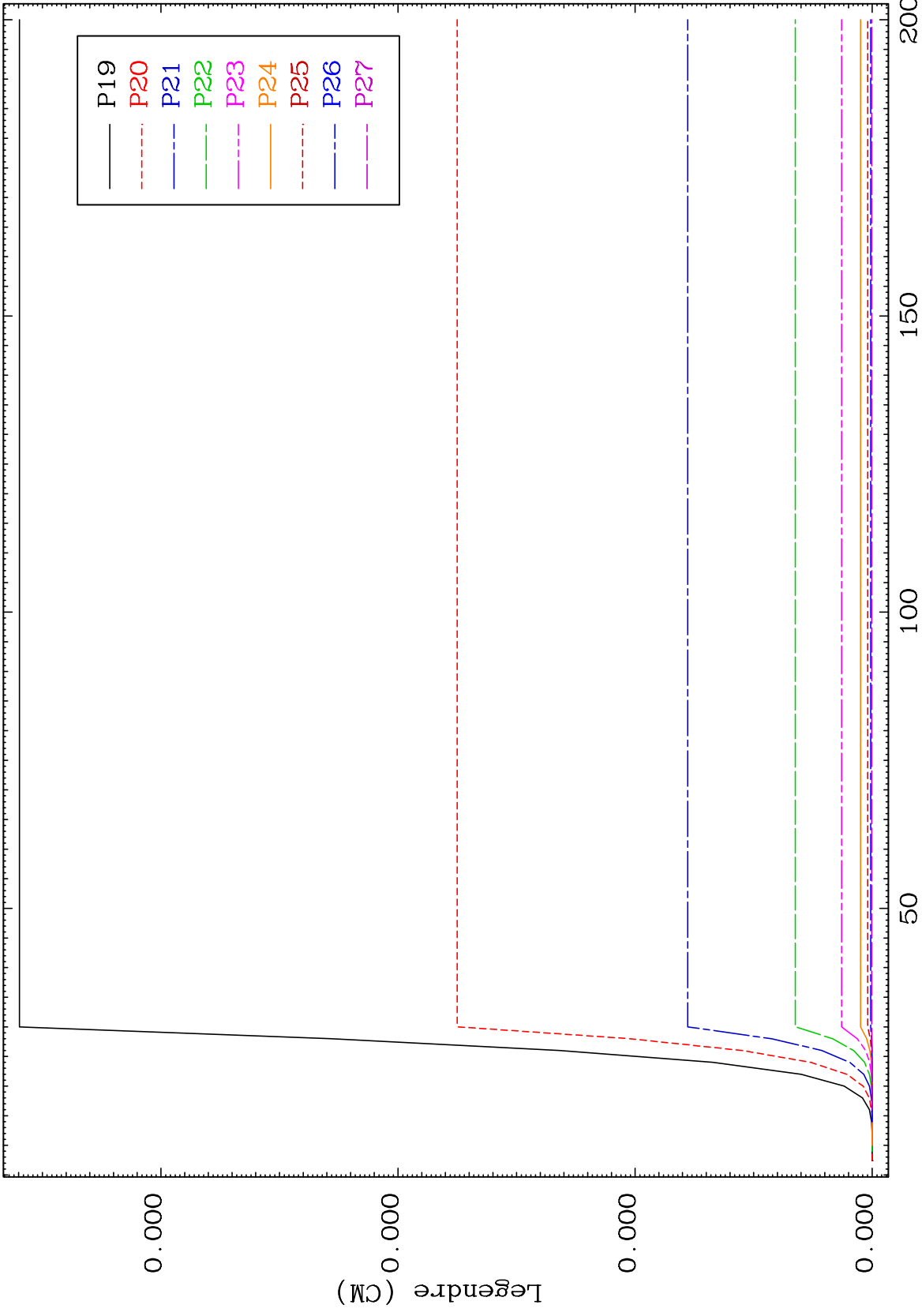
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



26

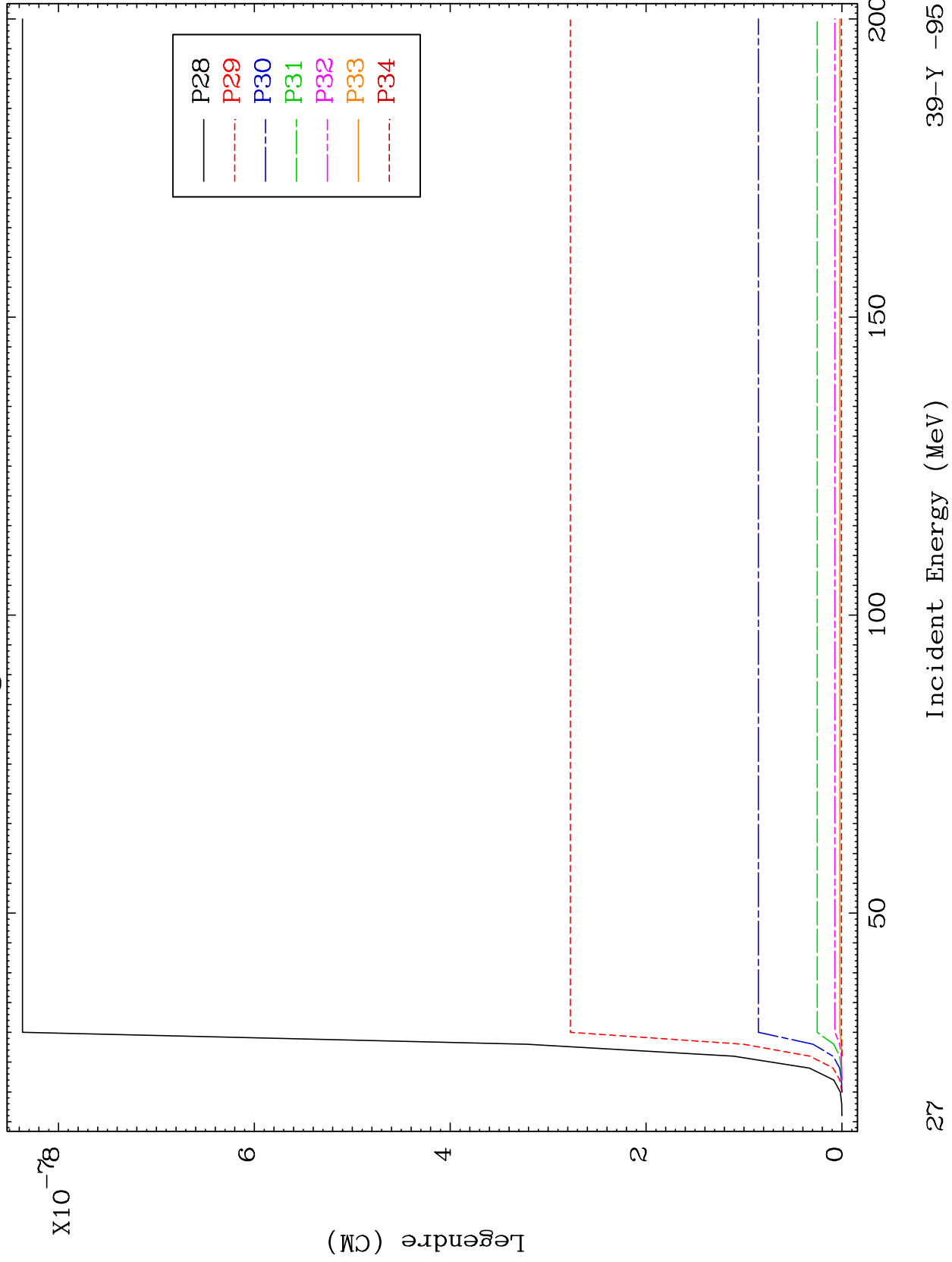
Incident Energy (MeV)

39-Y -95

MAT 3943

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

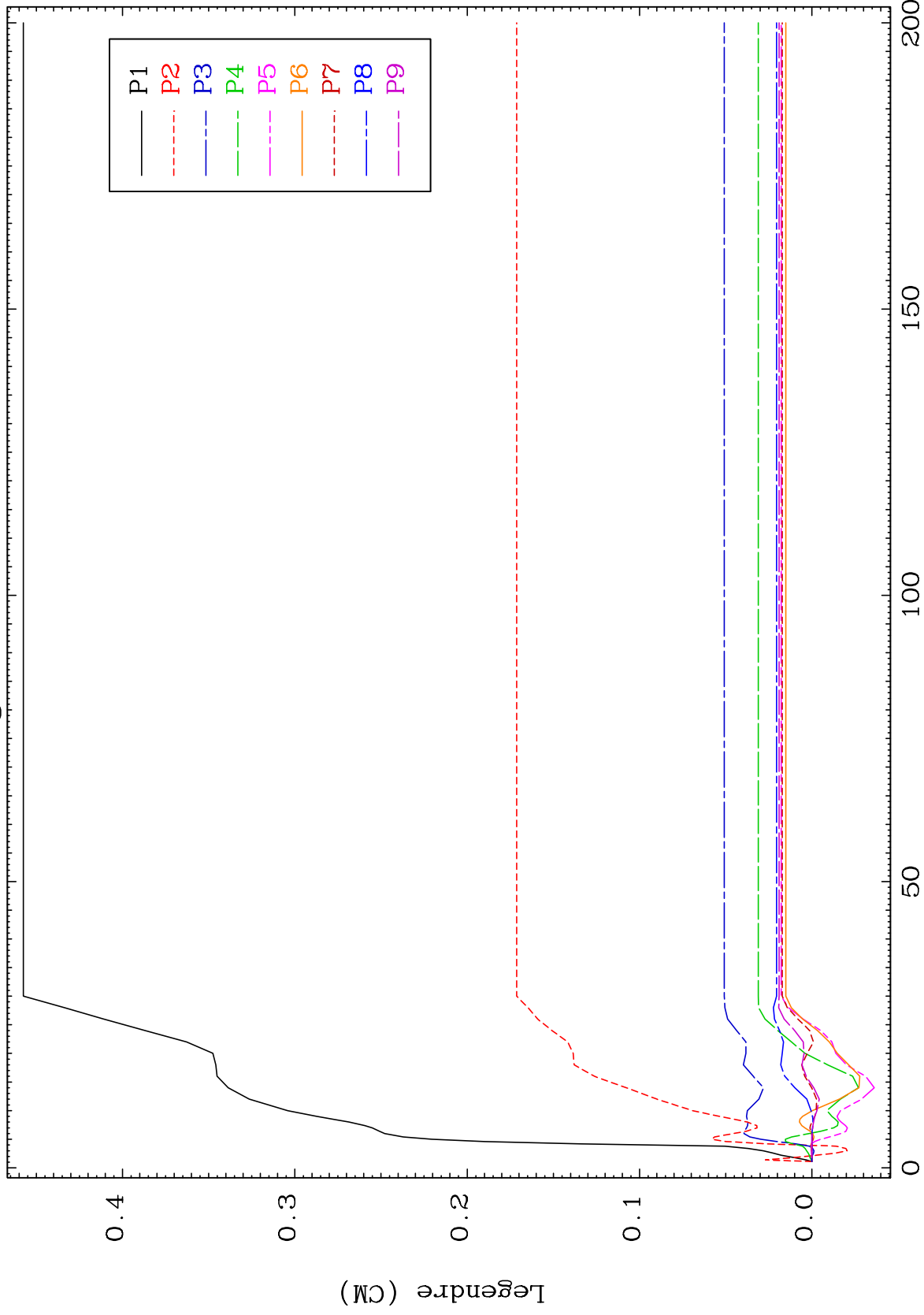
39-Y -95



MAT 3943

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

39-Y -95



28

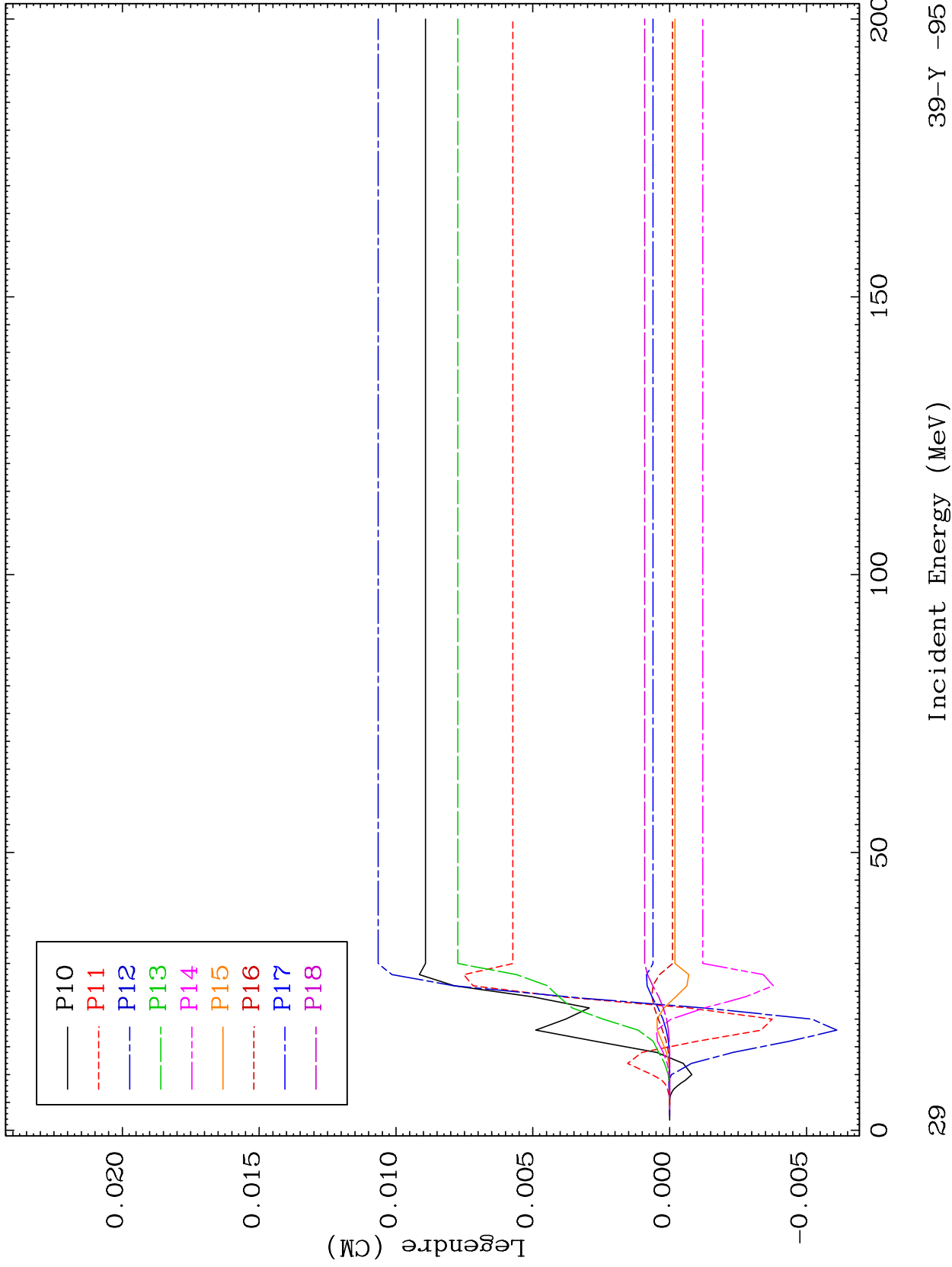
Incident Energy (MeV)

39-Y -95

MAT 3943

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

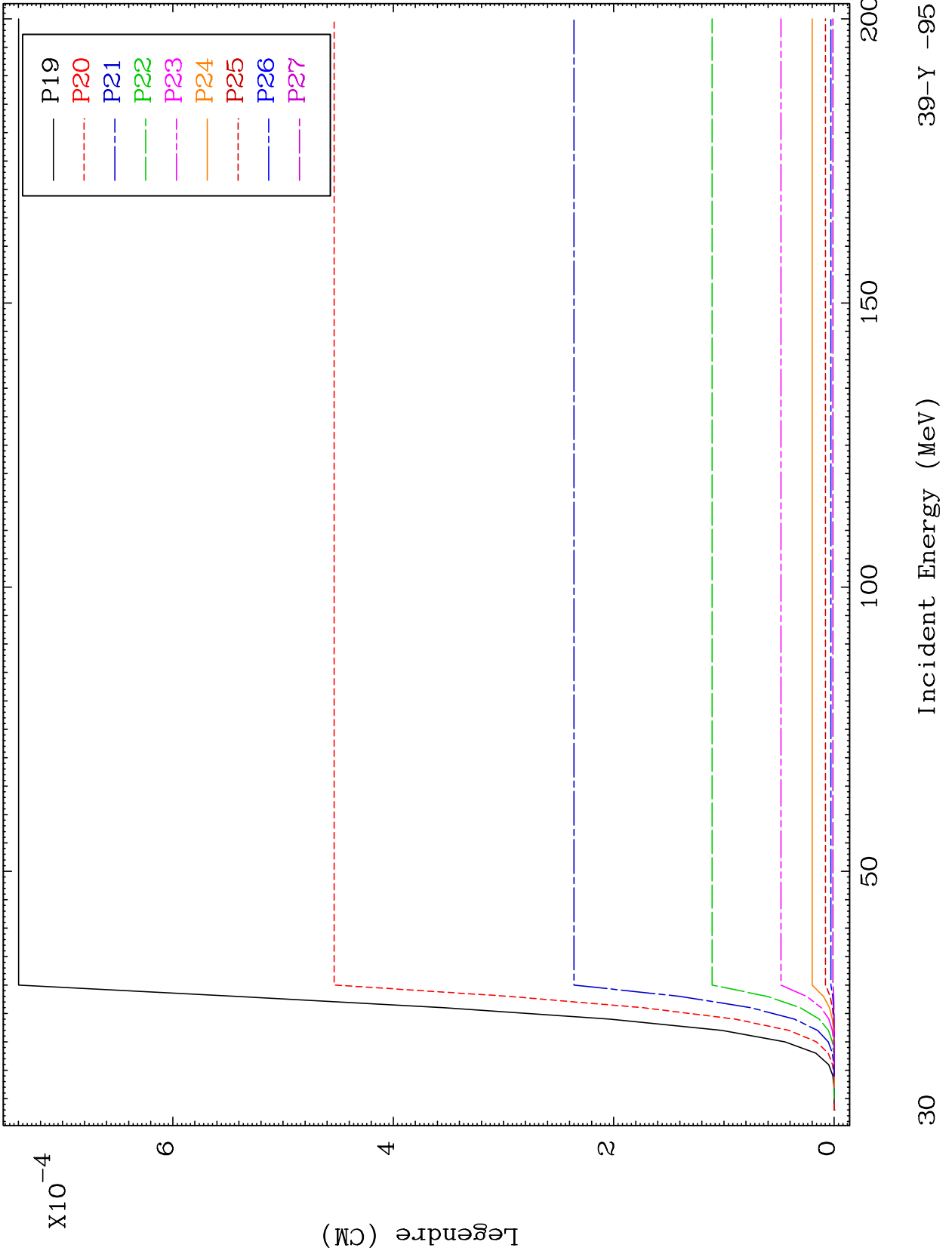
39-Y -95



MAT 3943

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

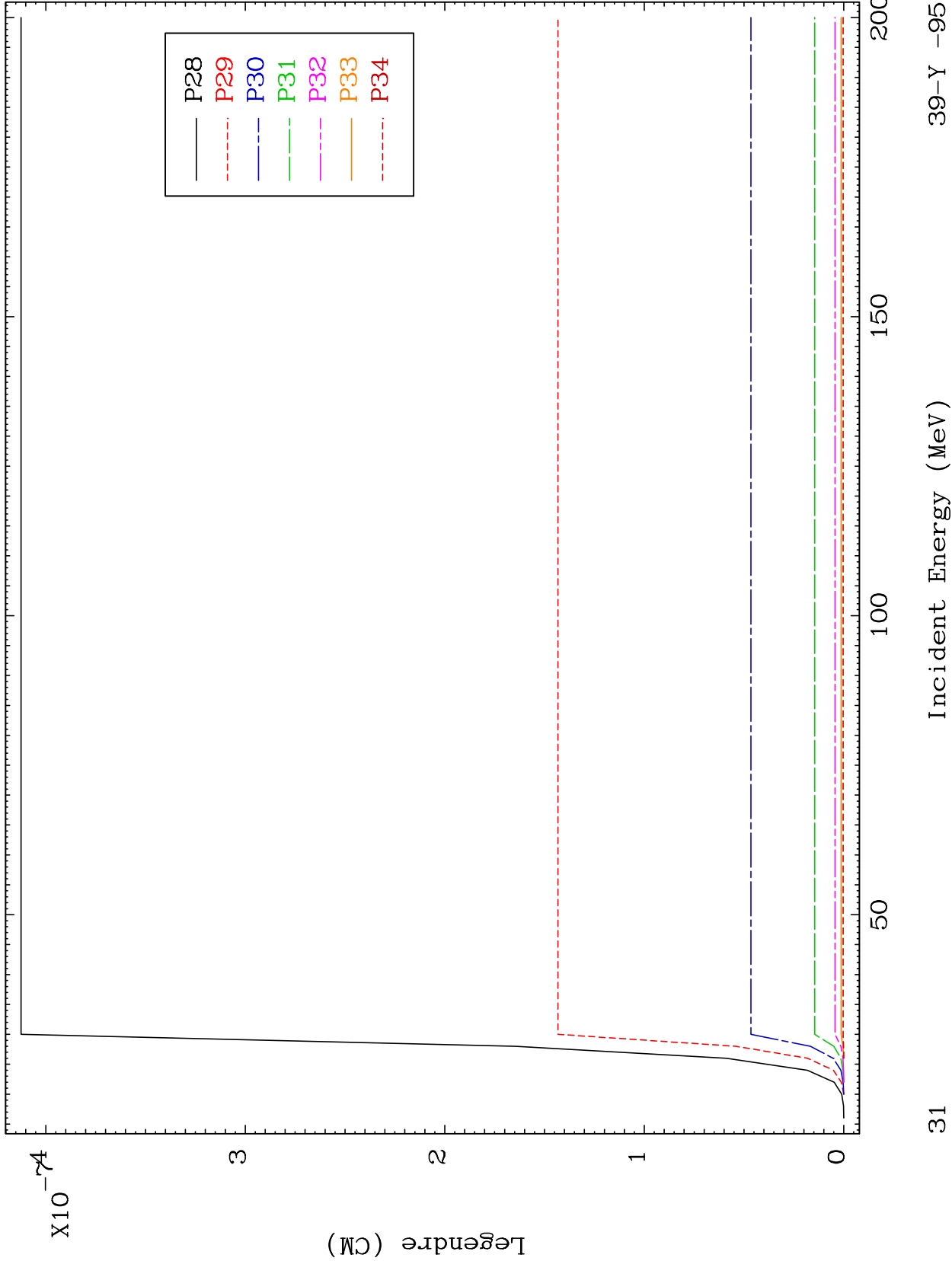
39-Y -95

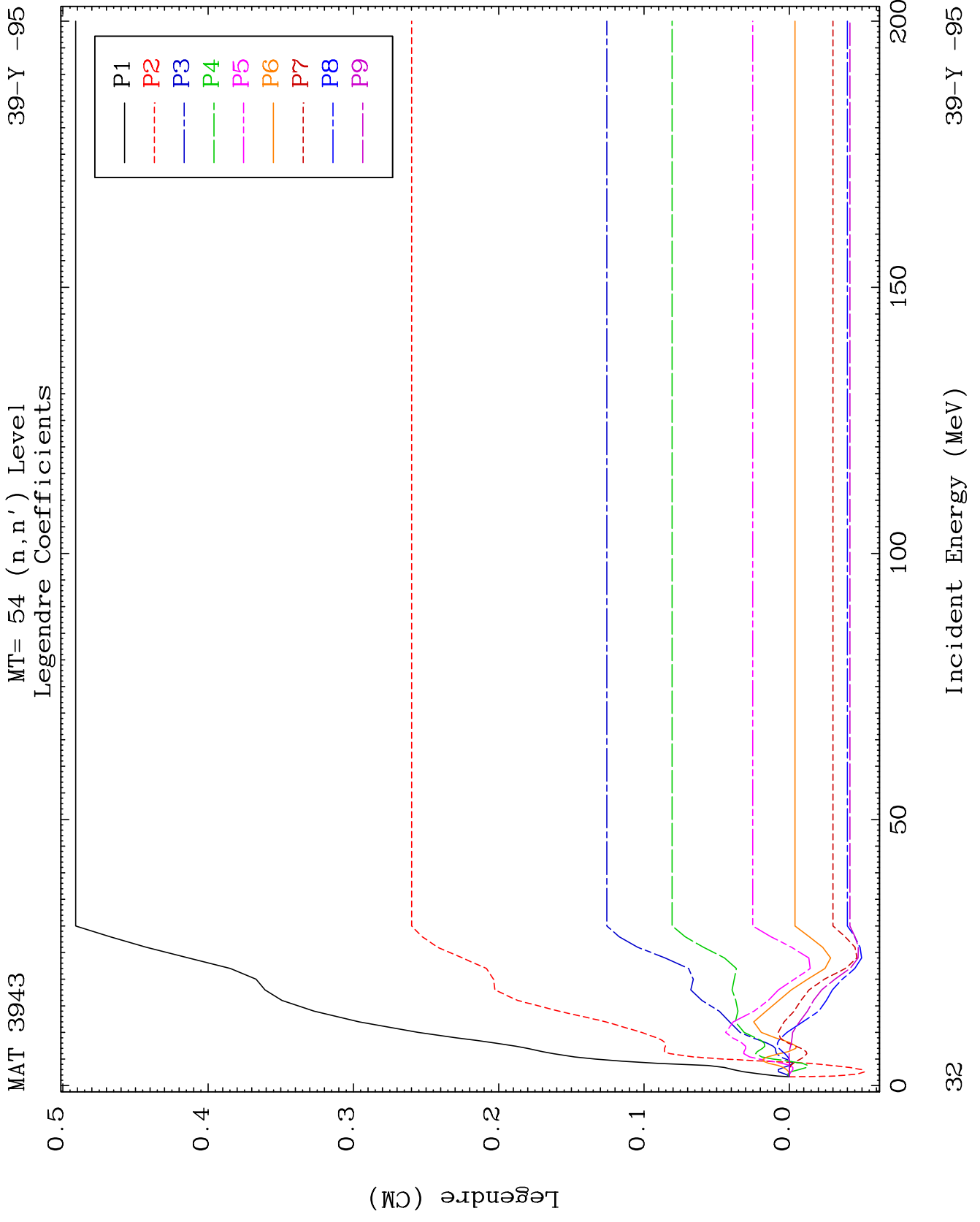


MAT 3943

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

39-Y -95

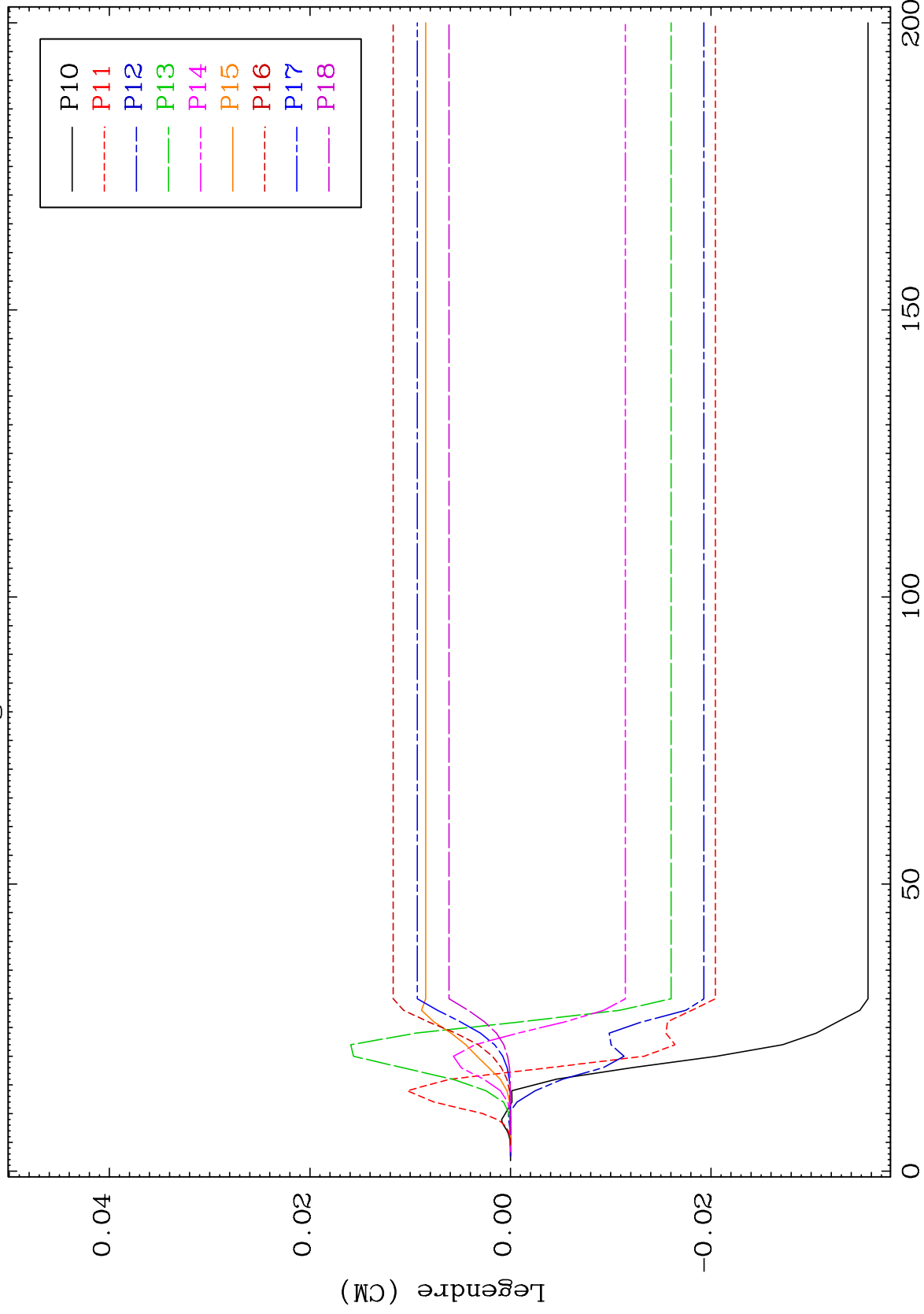




MAT 3943

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

39-Y -95



33

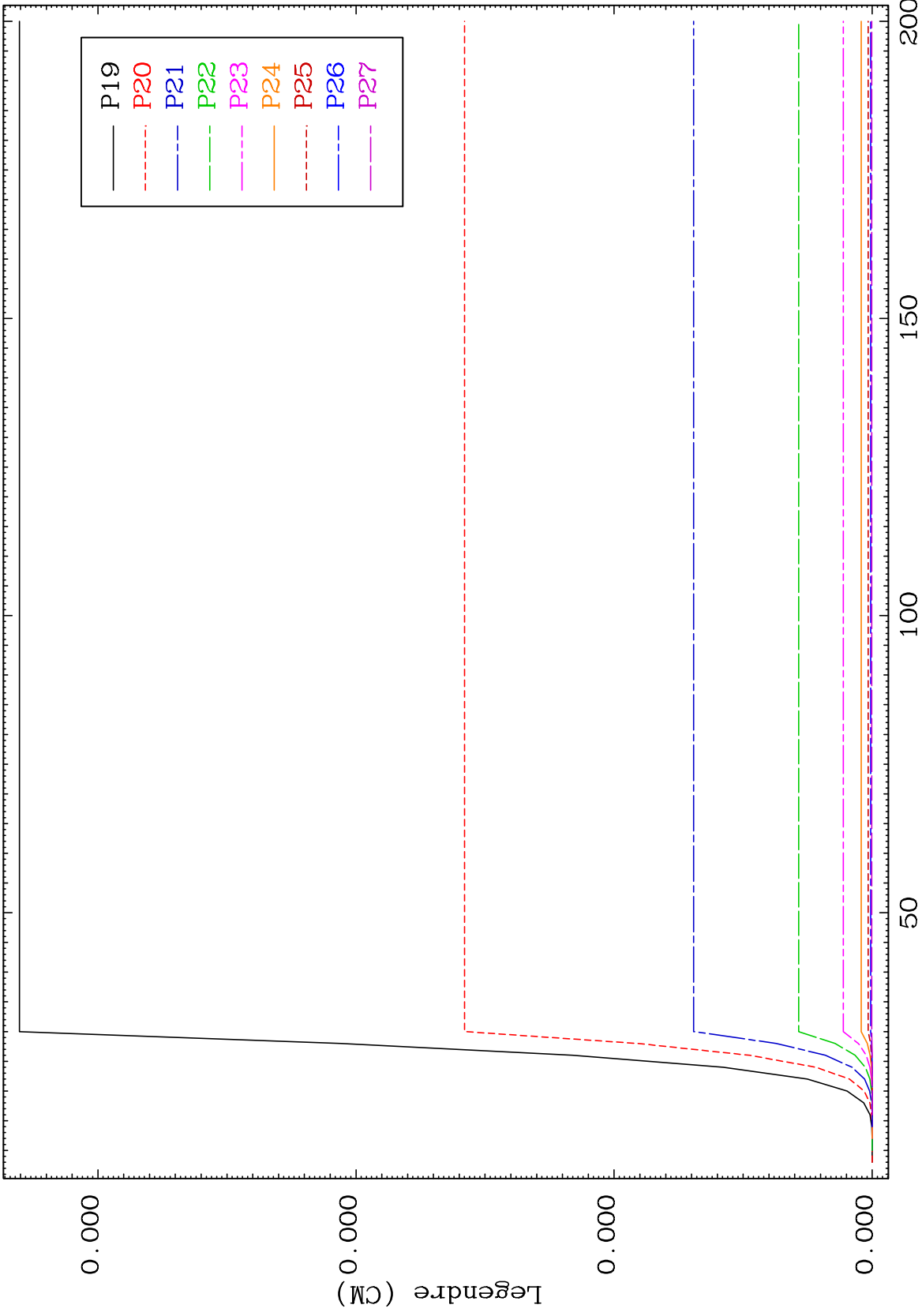
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



34

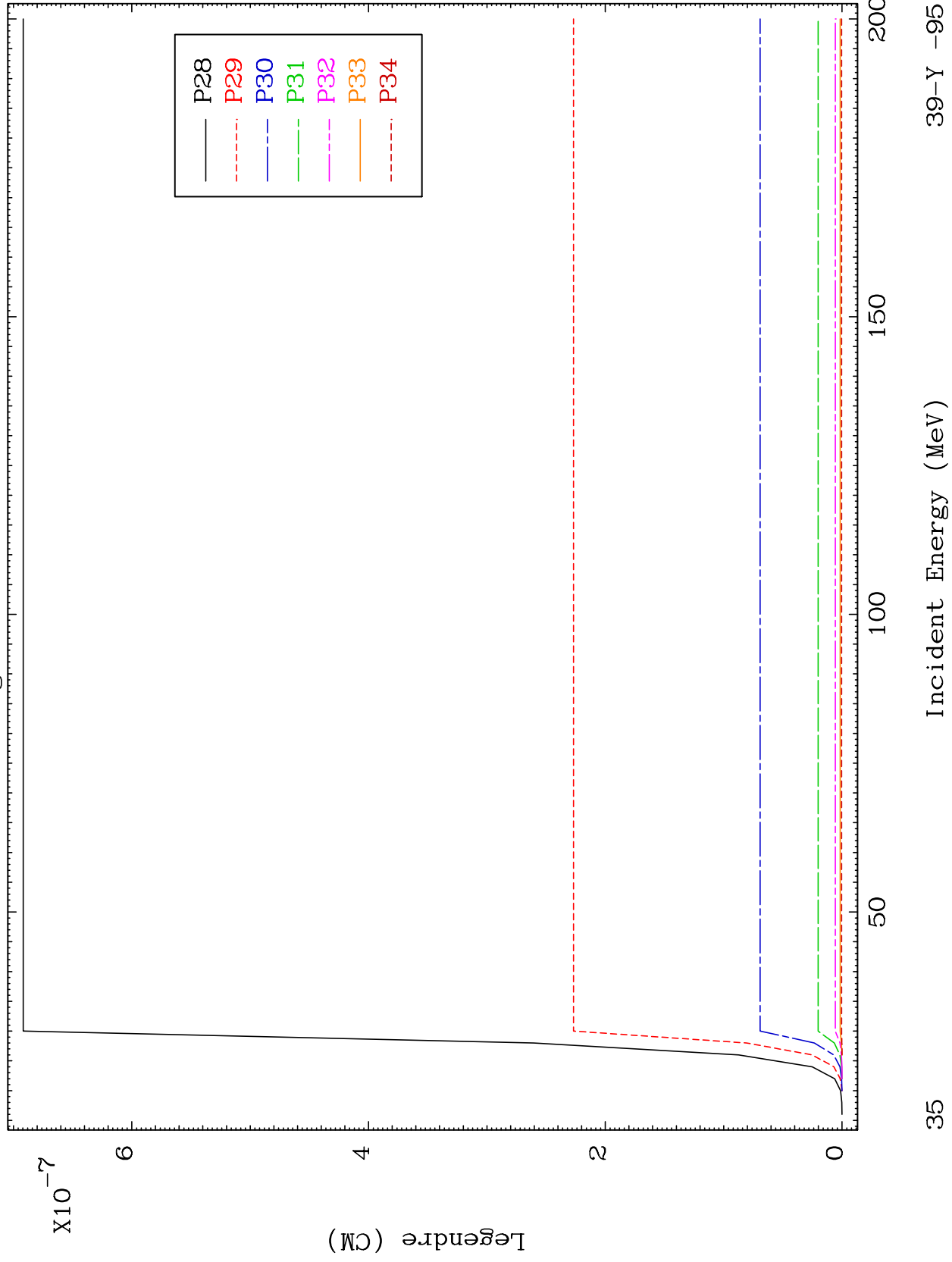
Incident Energy (MeV)

39-Y -95

MAT 3943

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

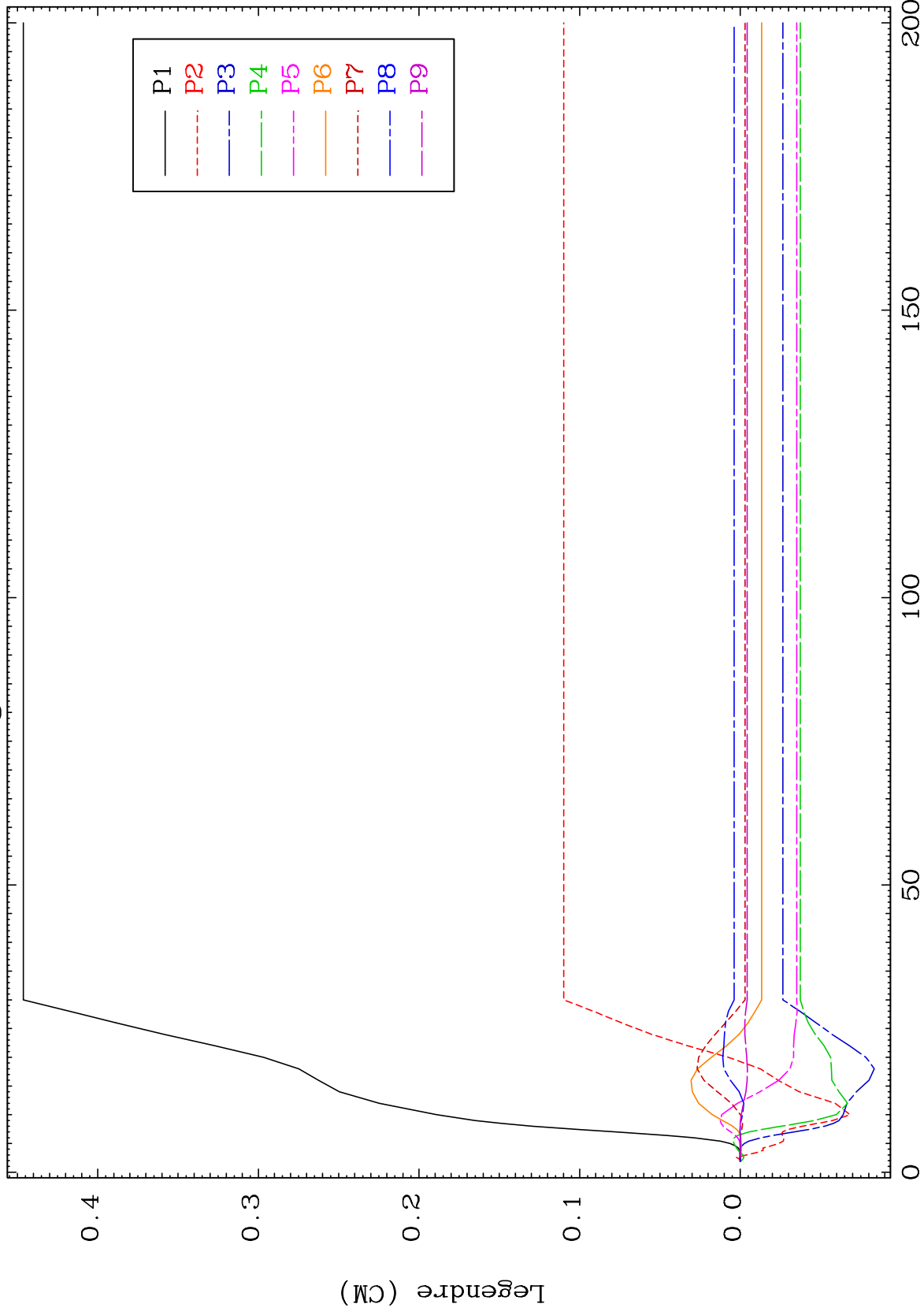
39-Y -95



MAT 3943

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

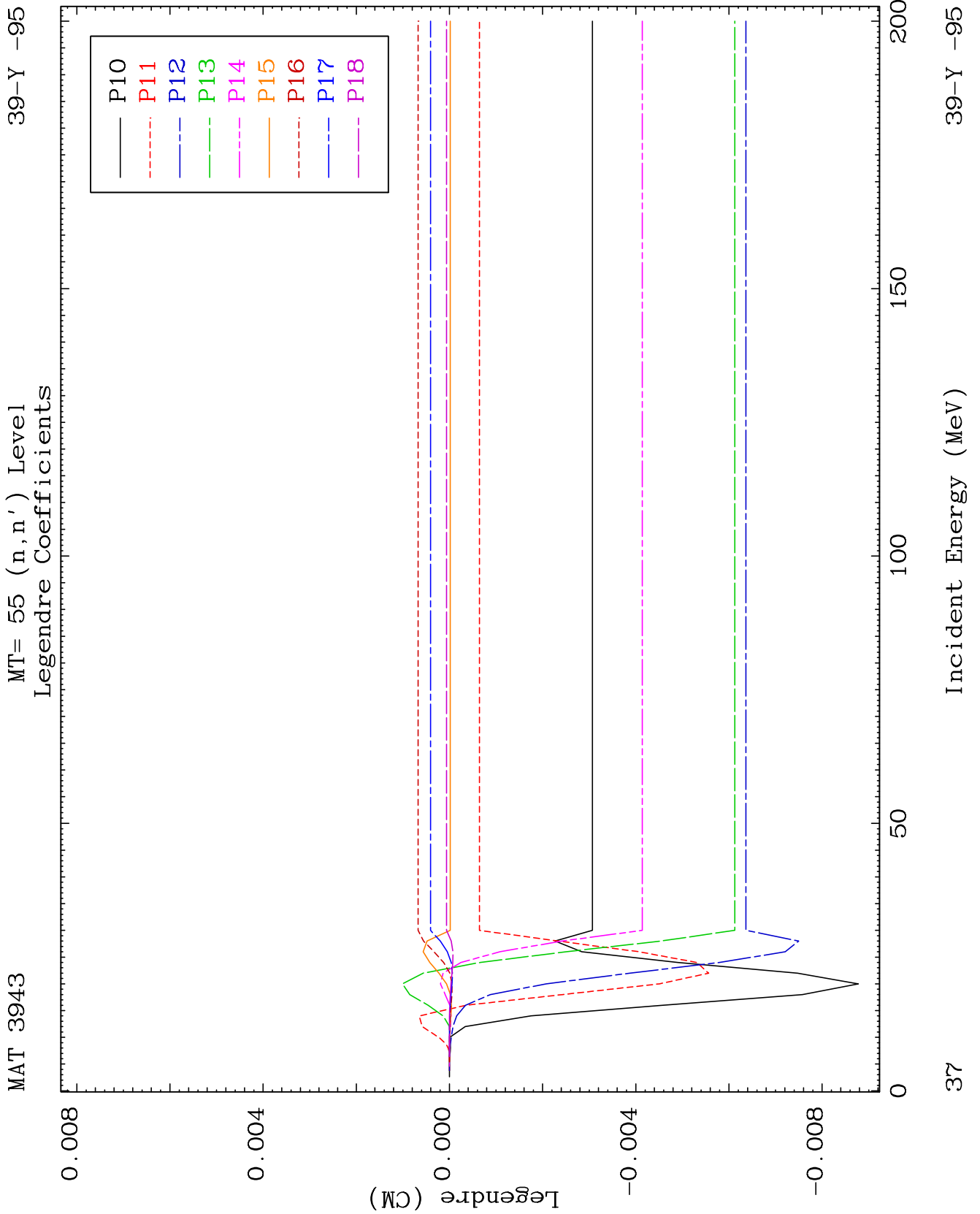
39-Y -95



36

Incident Energy (MeV)

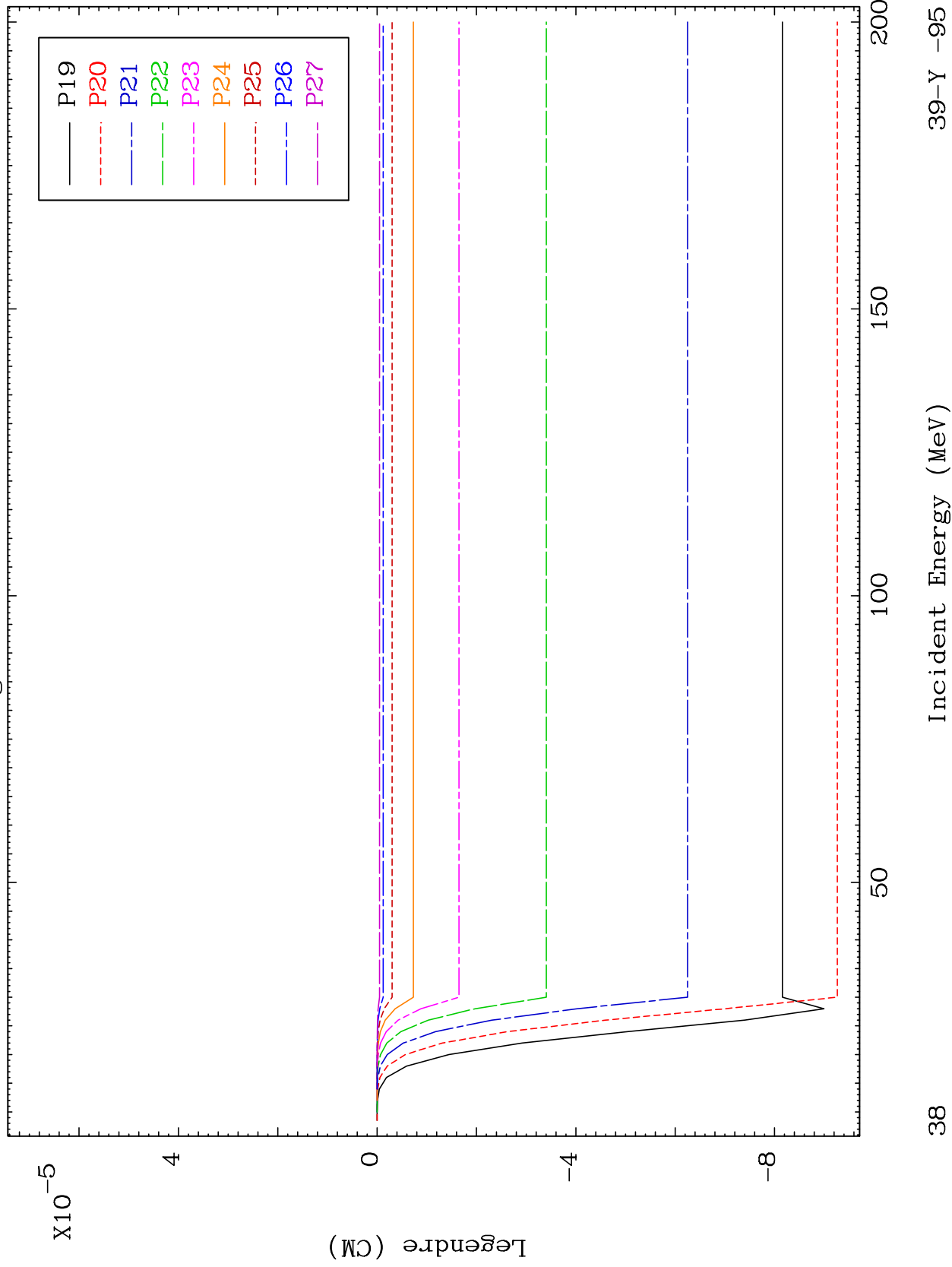
39-Y -95



MAT 3943

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

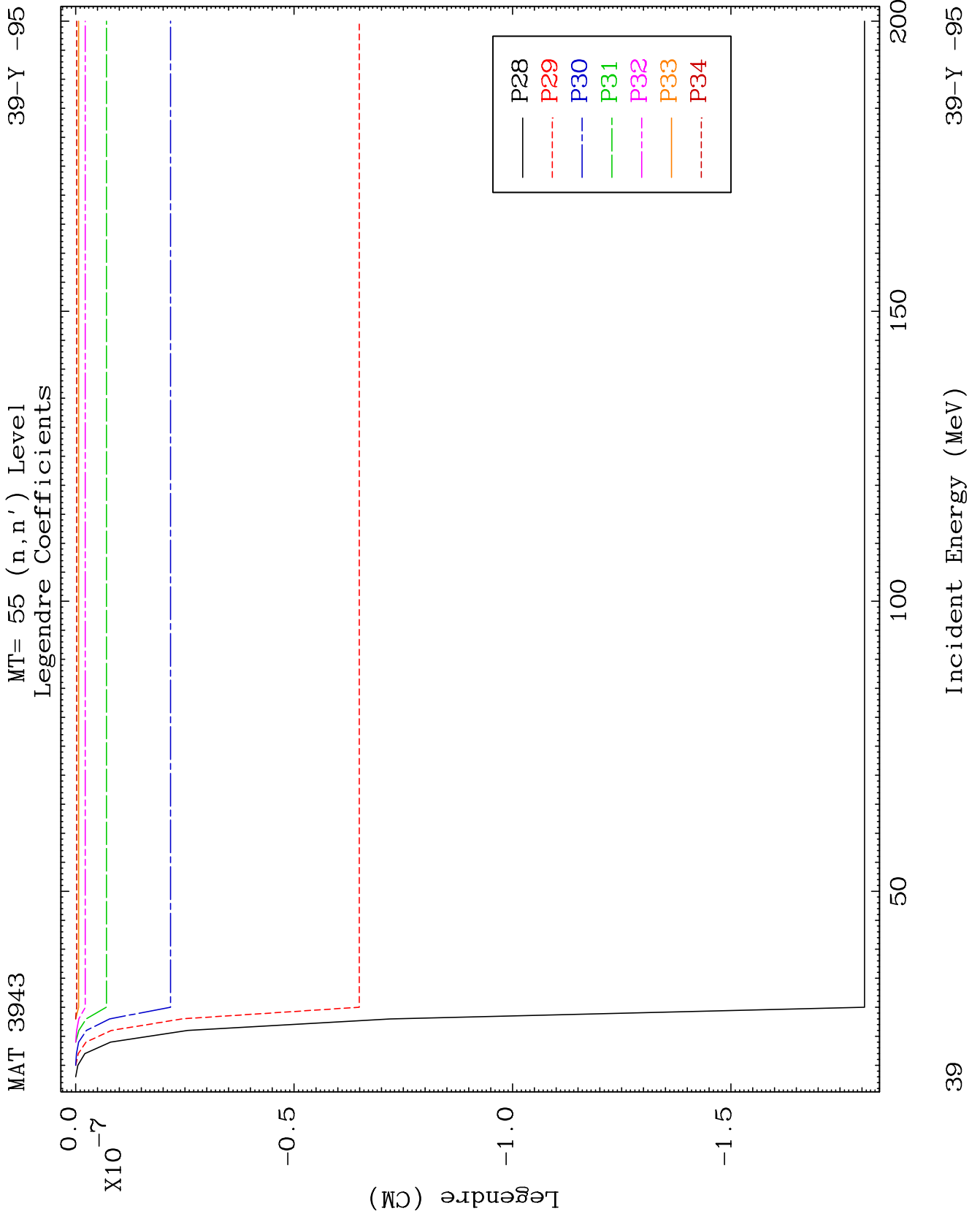
39-Y -95



38

Incident Energy (MeV)

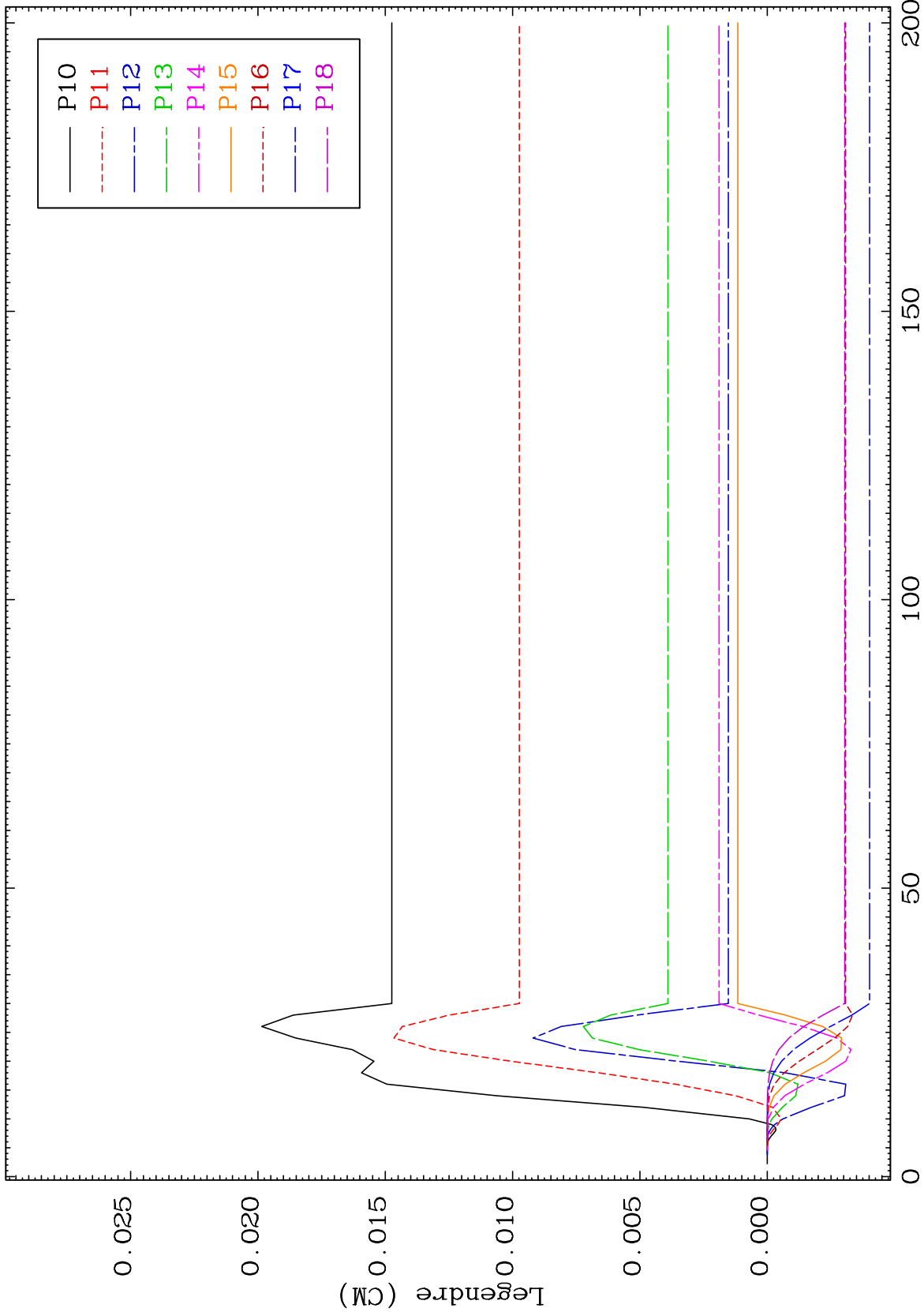
39-Y -95



MAT 3943

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

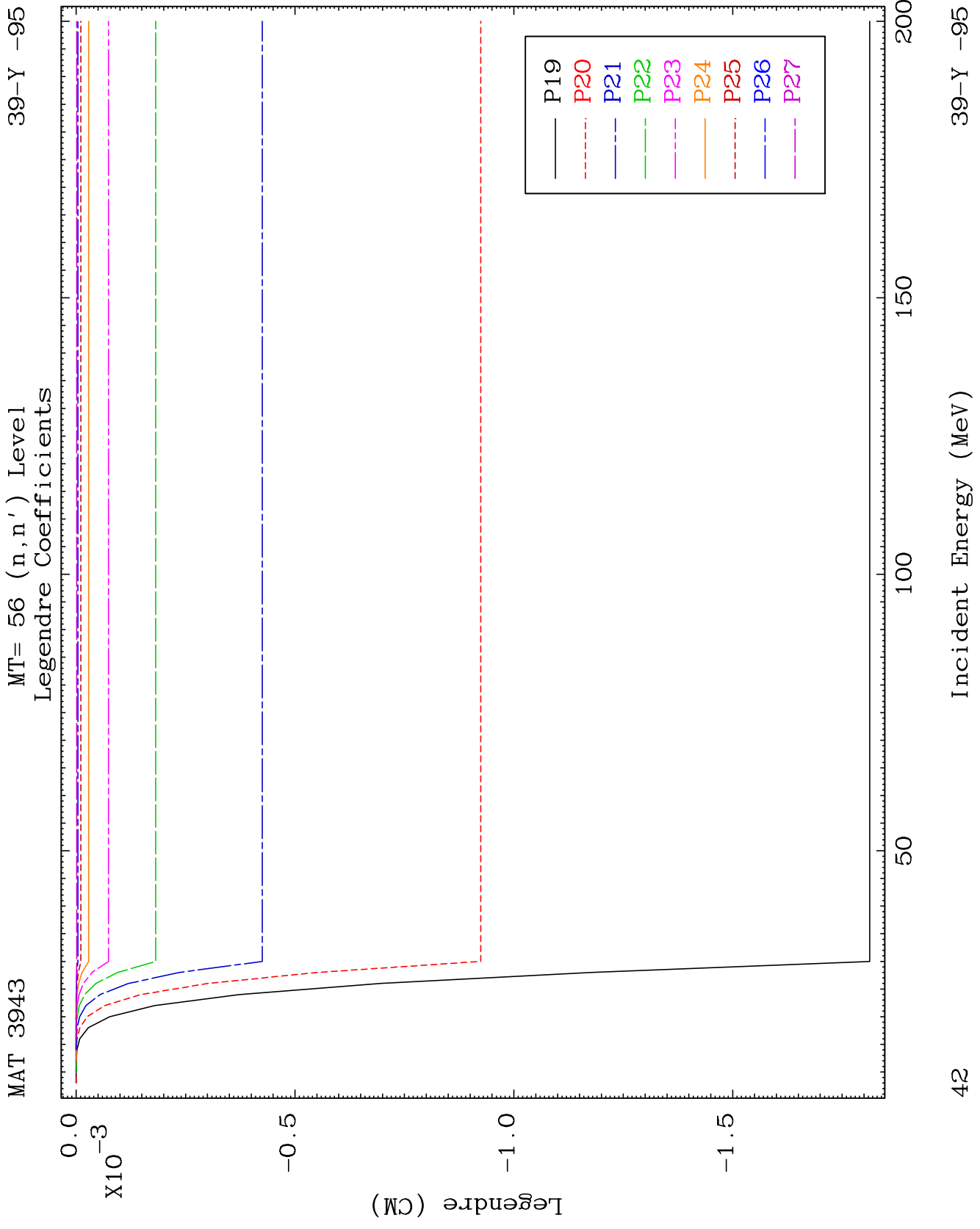
39-Y -95



41

Incident Energy (MeV)

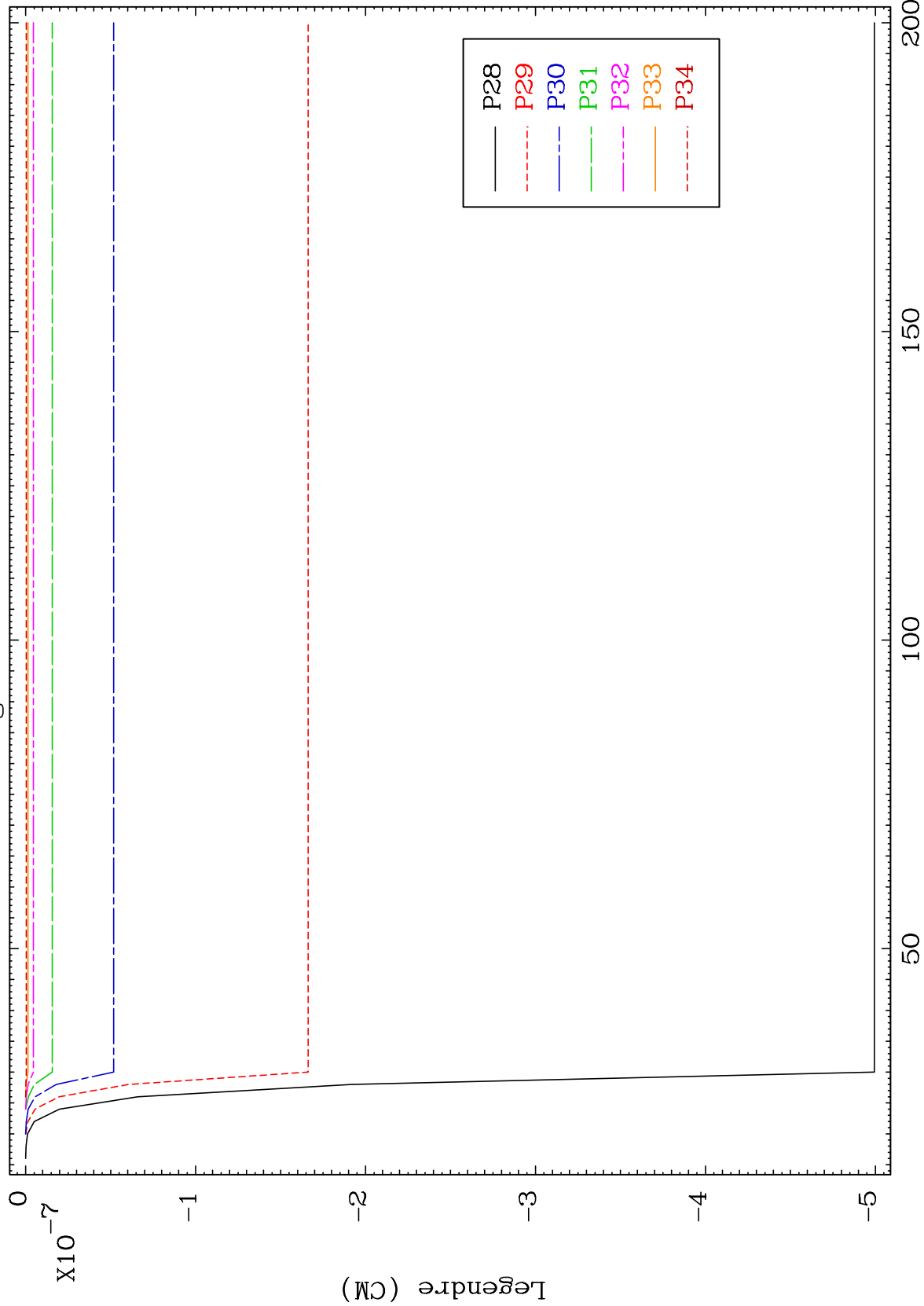
39-Y -95



MAT 3943

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

39-Y -95



43

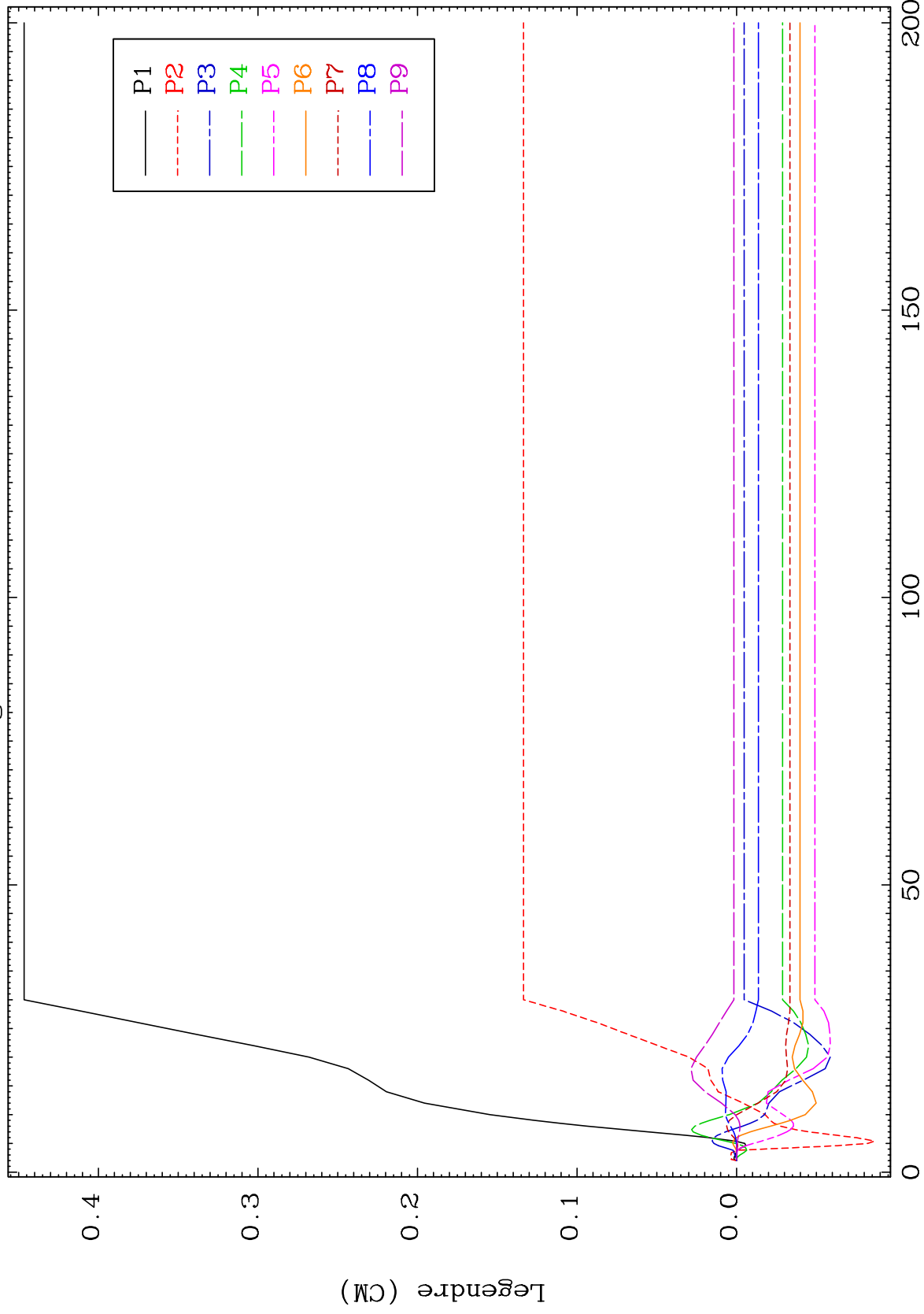
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



44

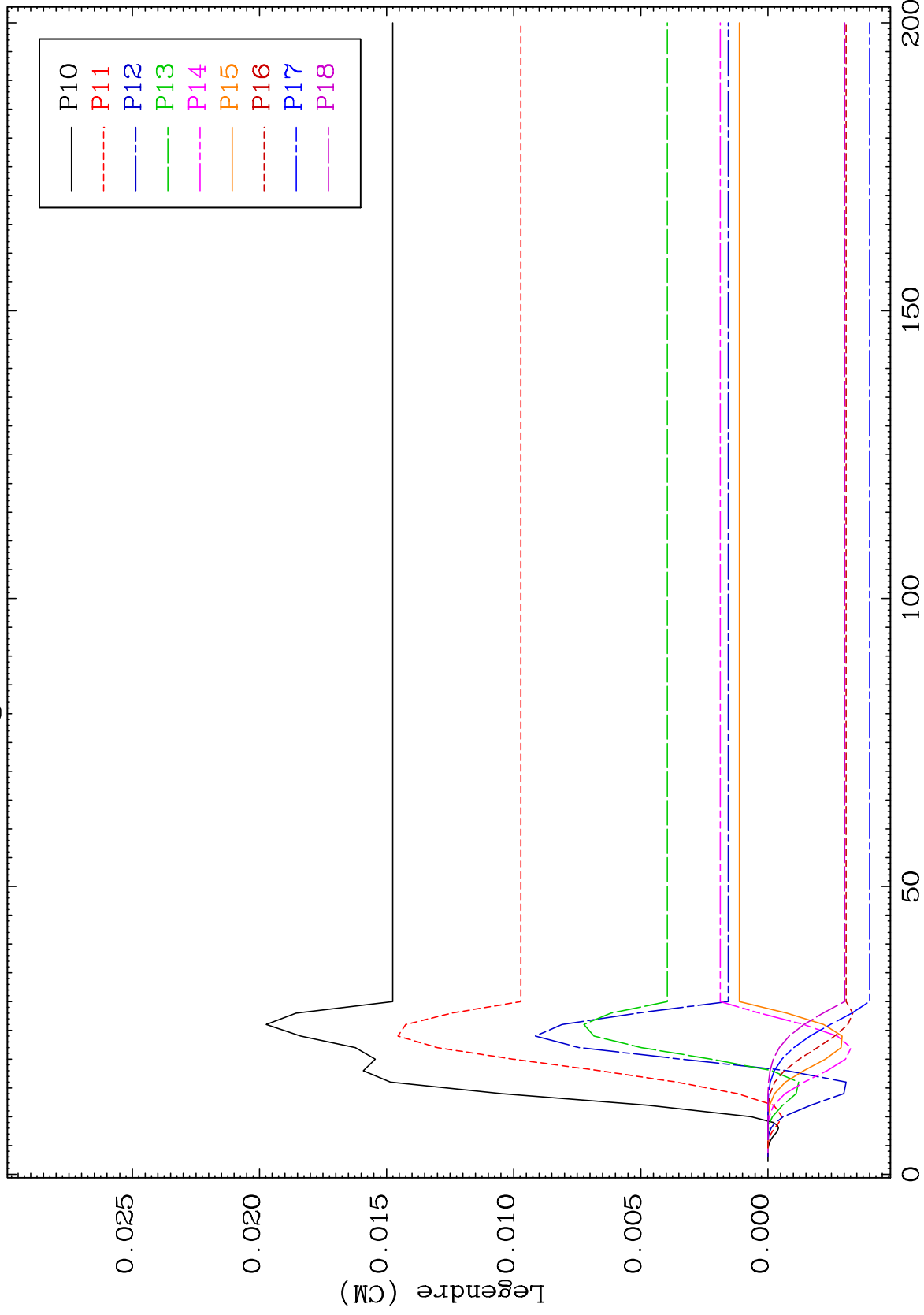
Incident Energy (MeV)

39-Y -95

MAT 3943

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

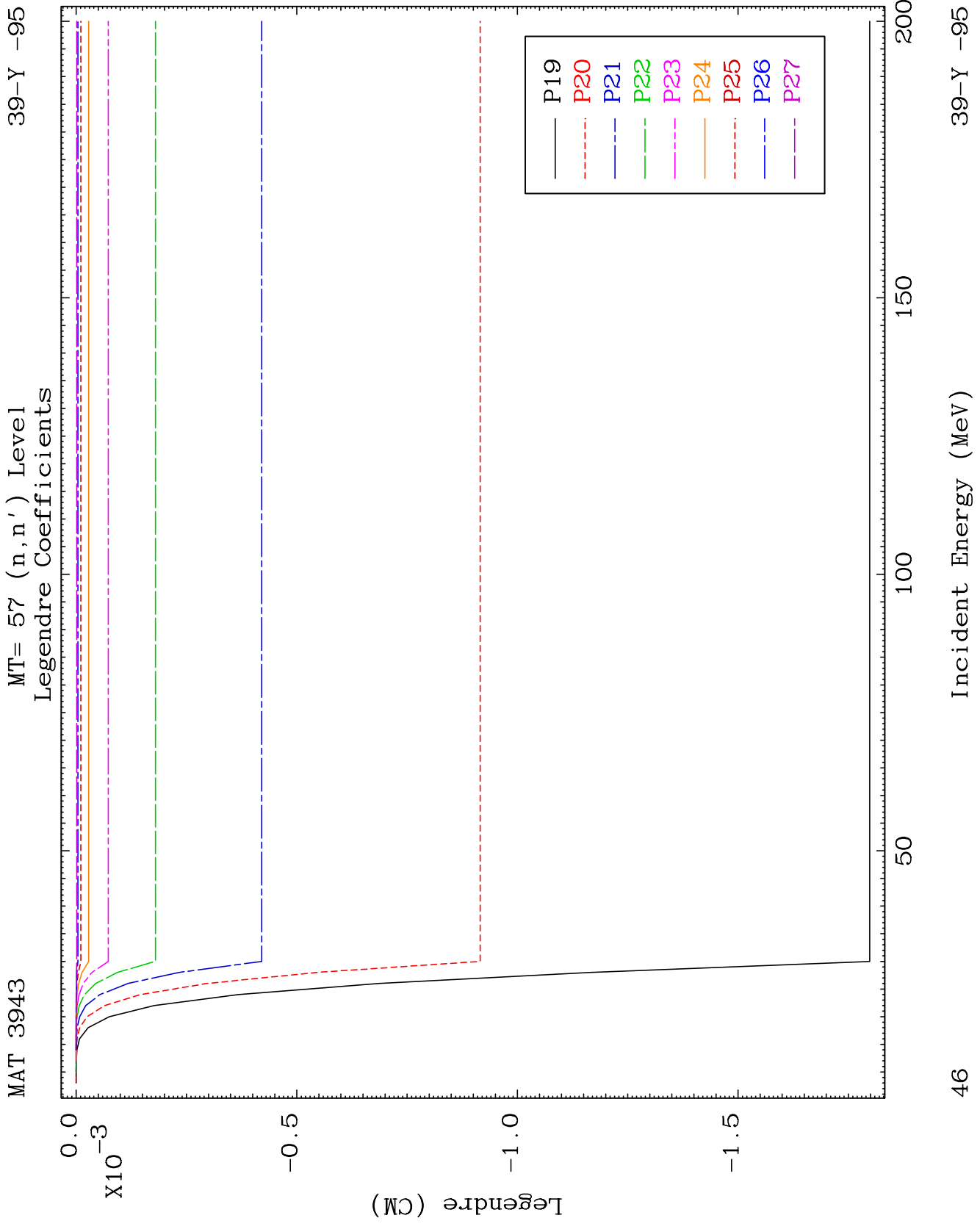
39-Y -95

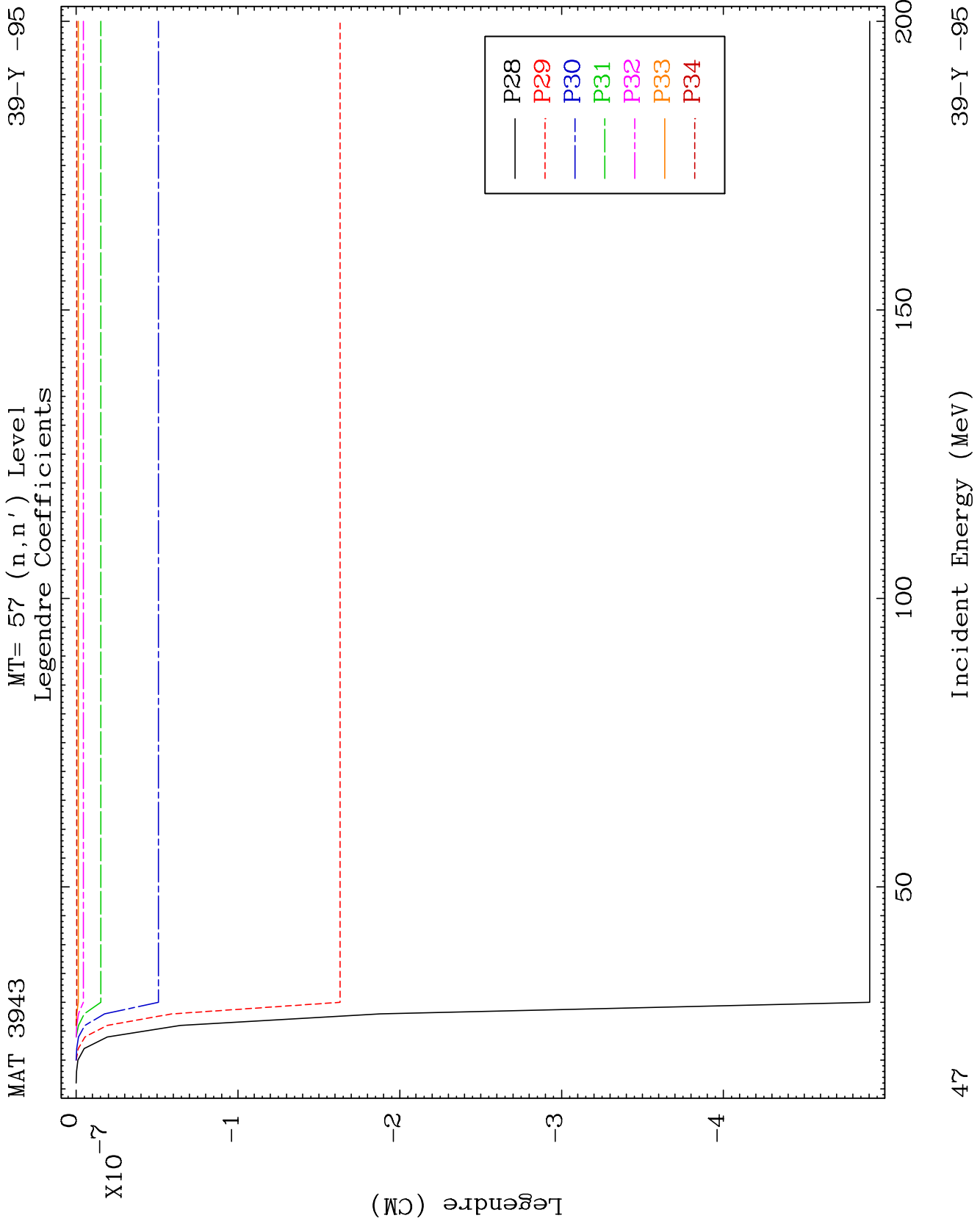


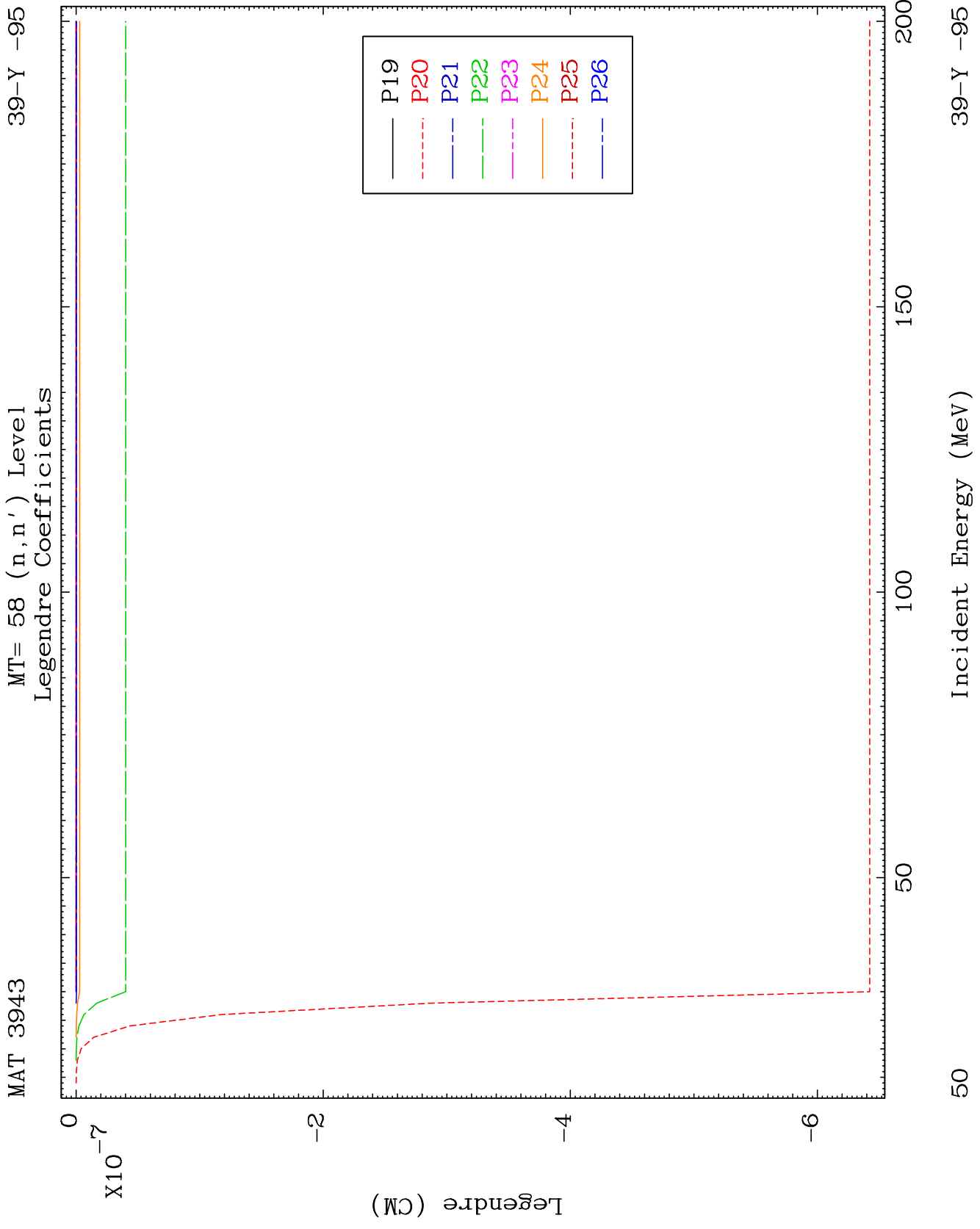
45

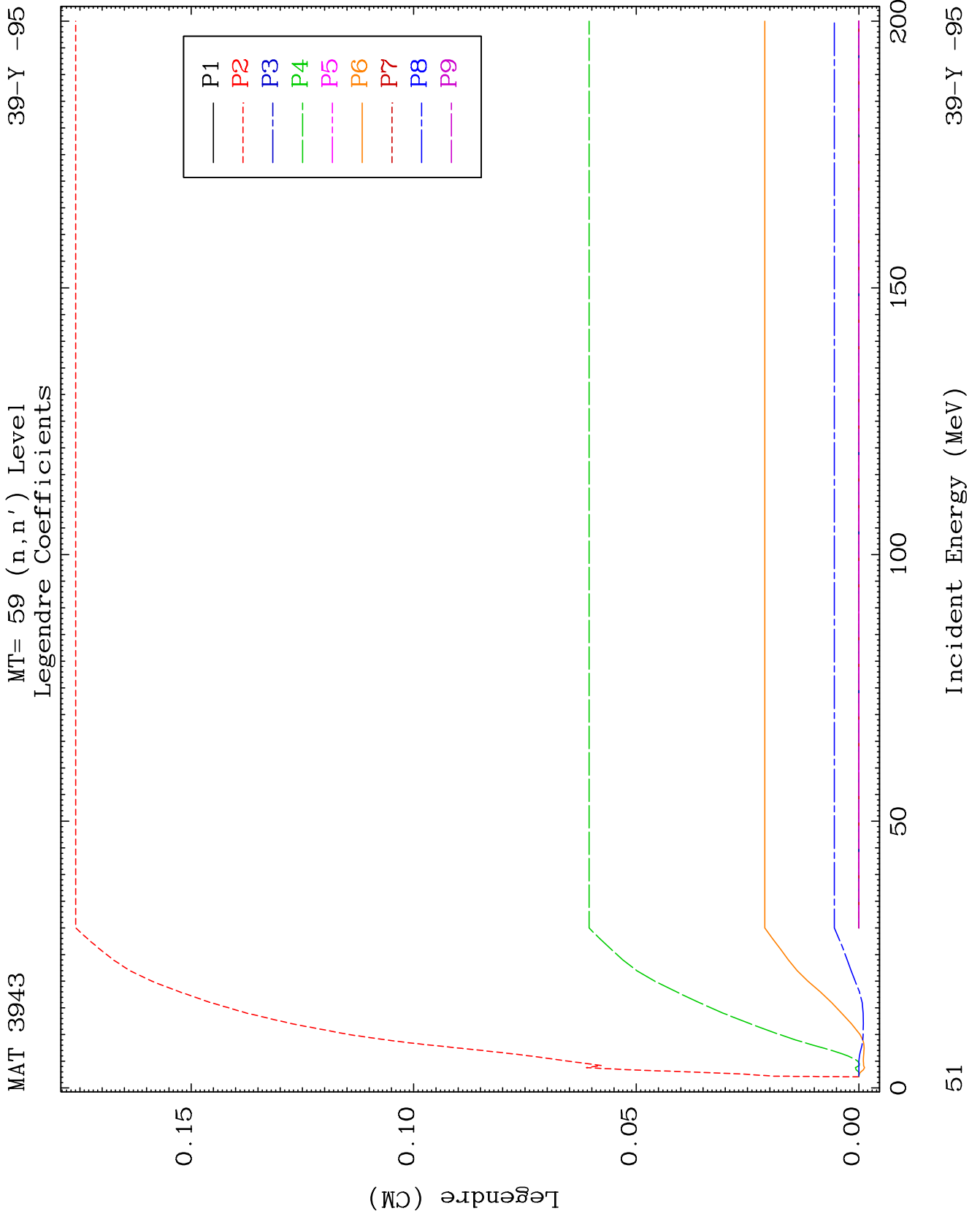
Incident Energy (MeV)

39-Y -95





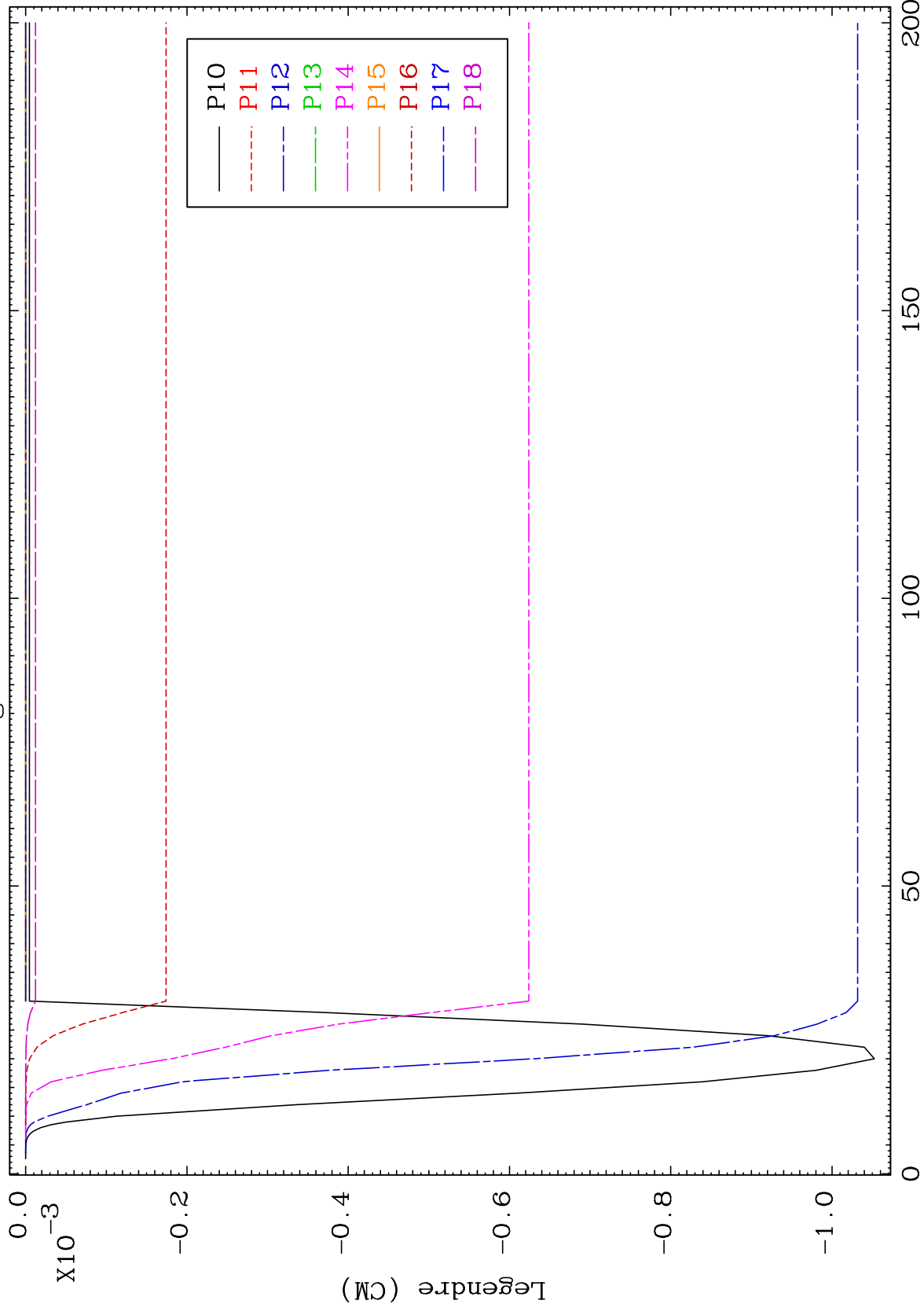




MAT 3943

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

39-Y -95



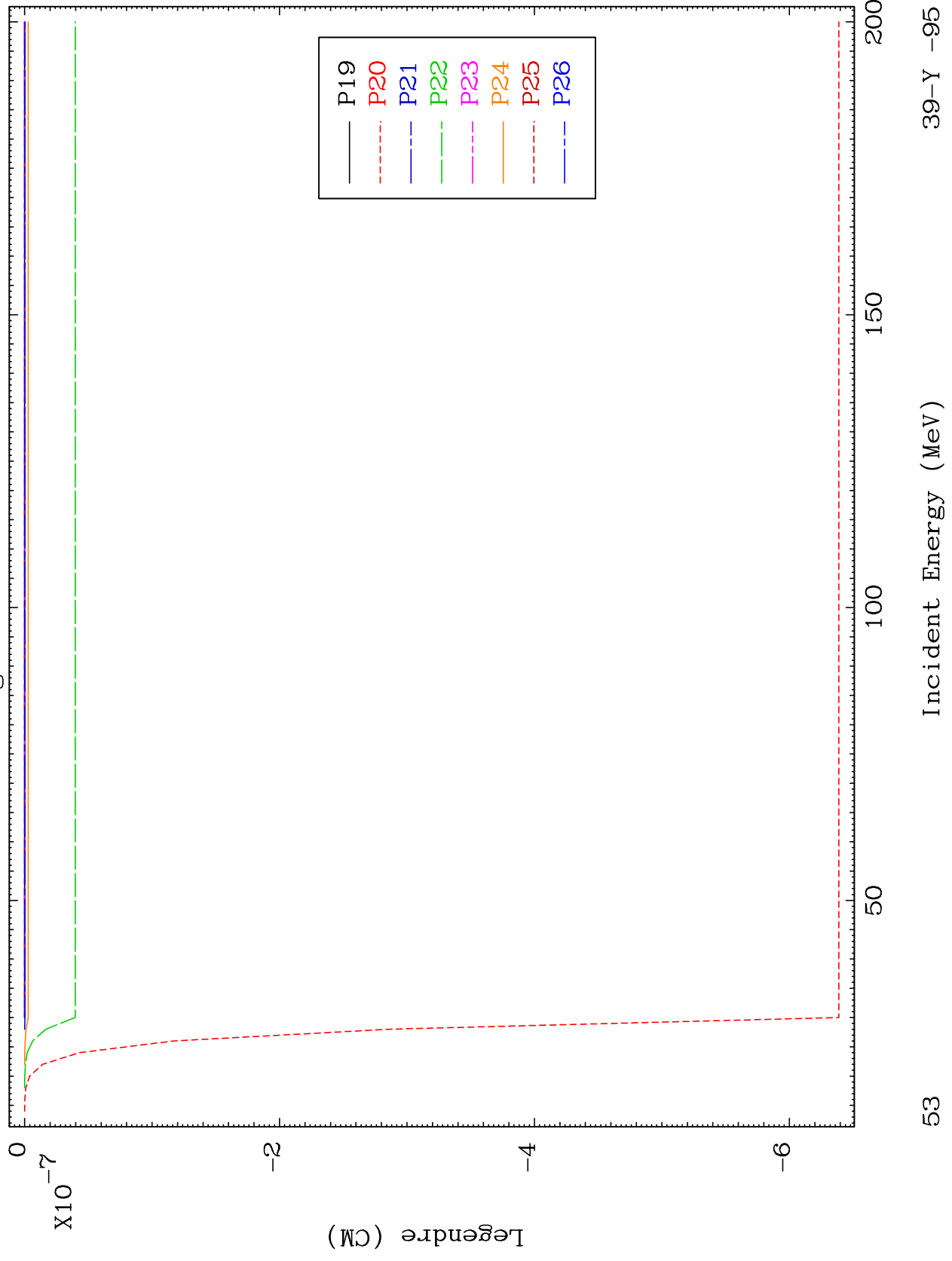
52

Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 59 (n,n') Level 39-Y -95

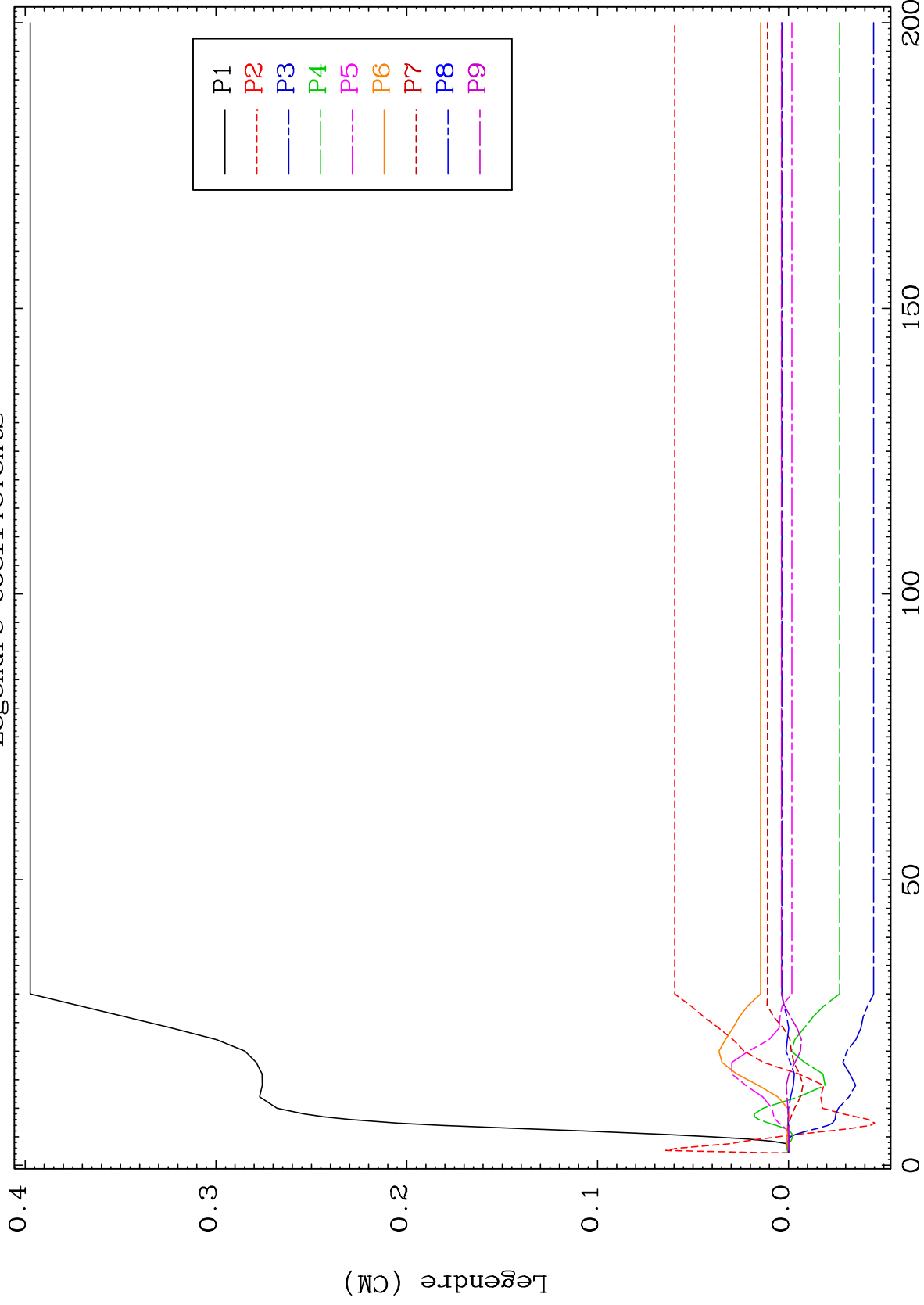
Legendre Coefficients



MAT 3943

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

39-Y -95



54

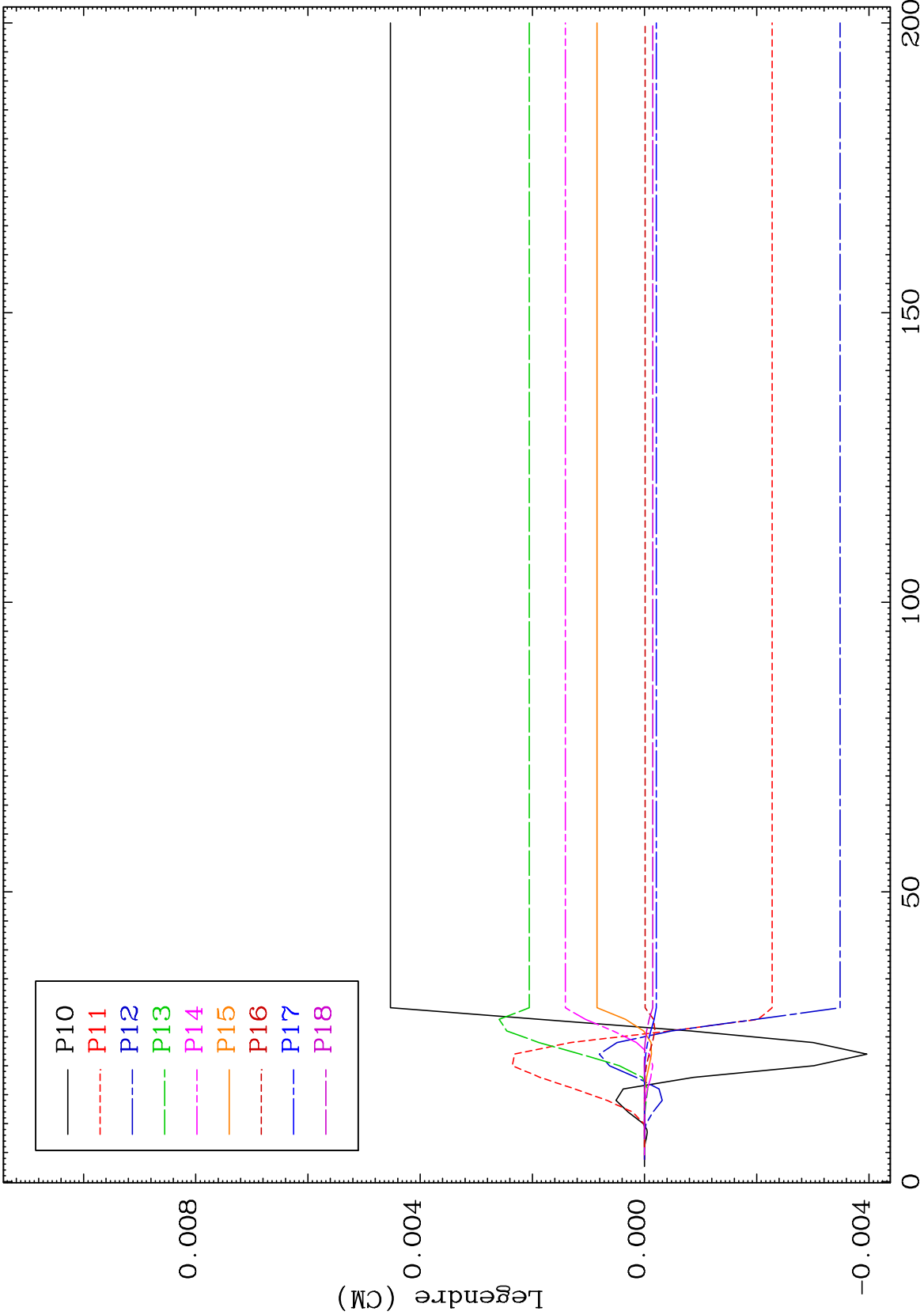
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



55

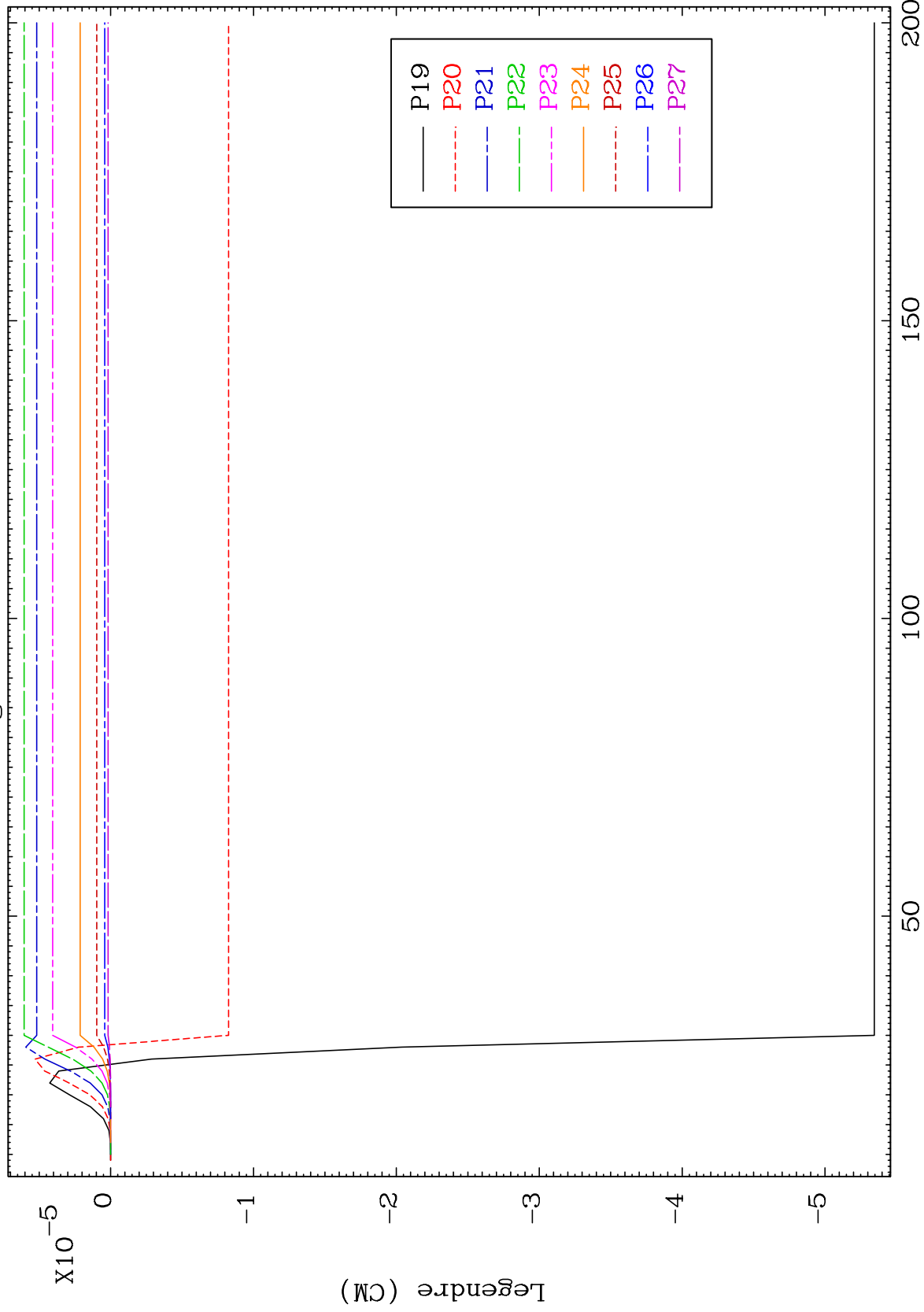
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



56

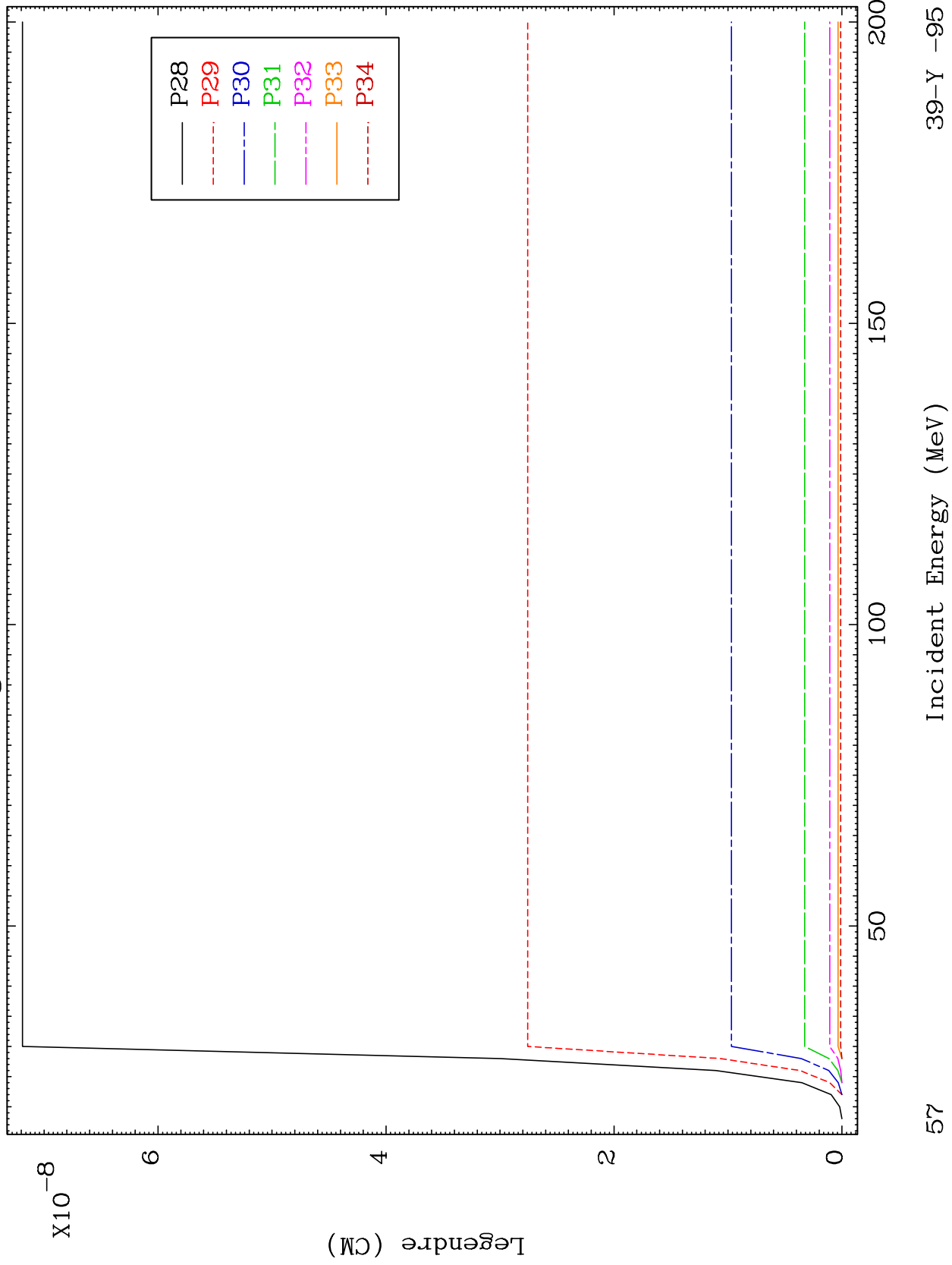
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



57

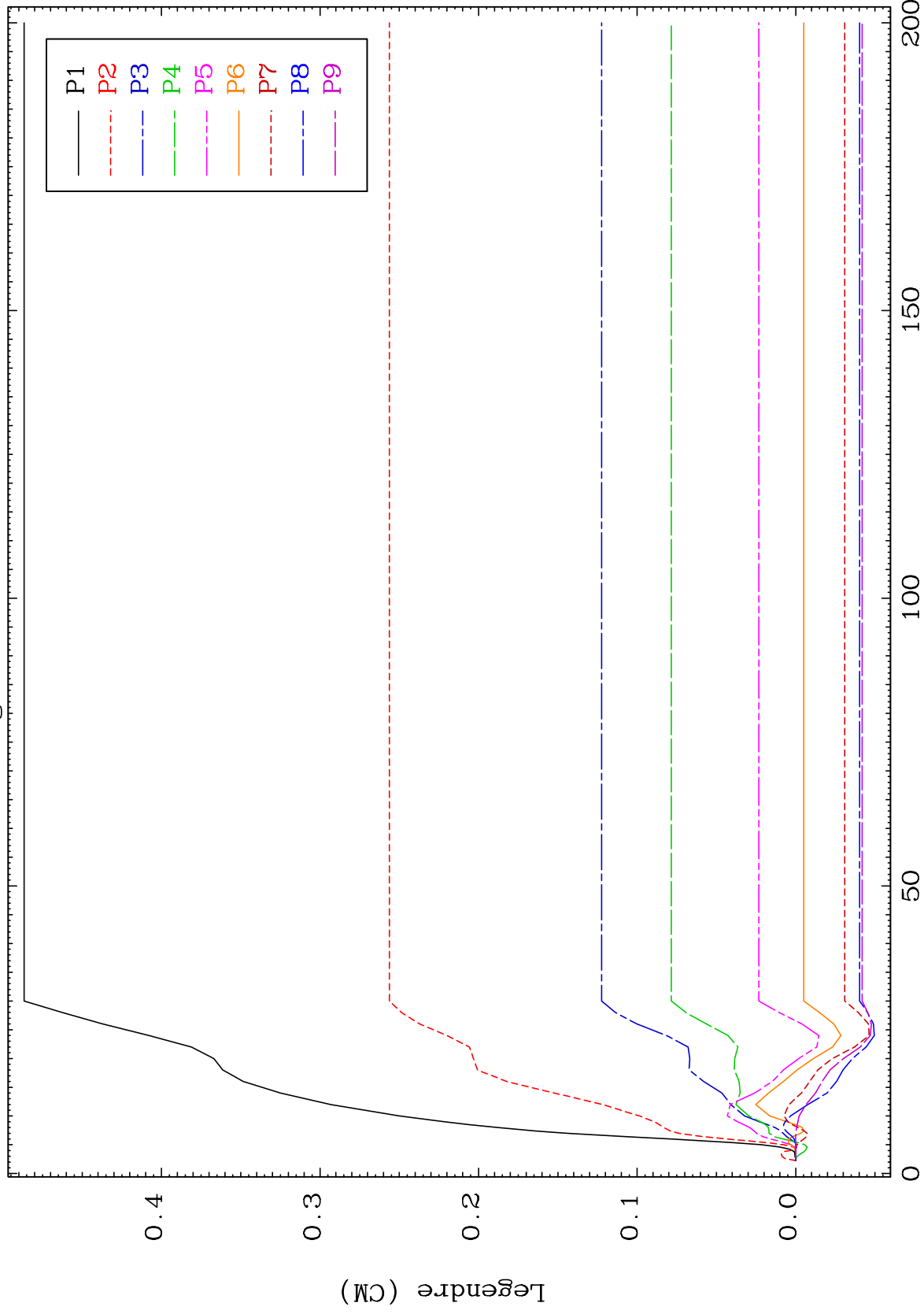
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



58

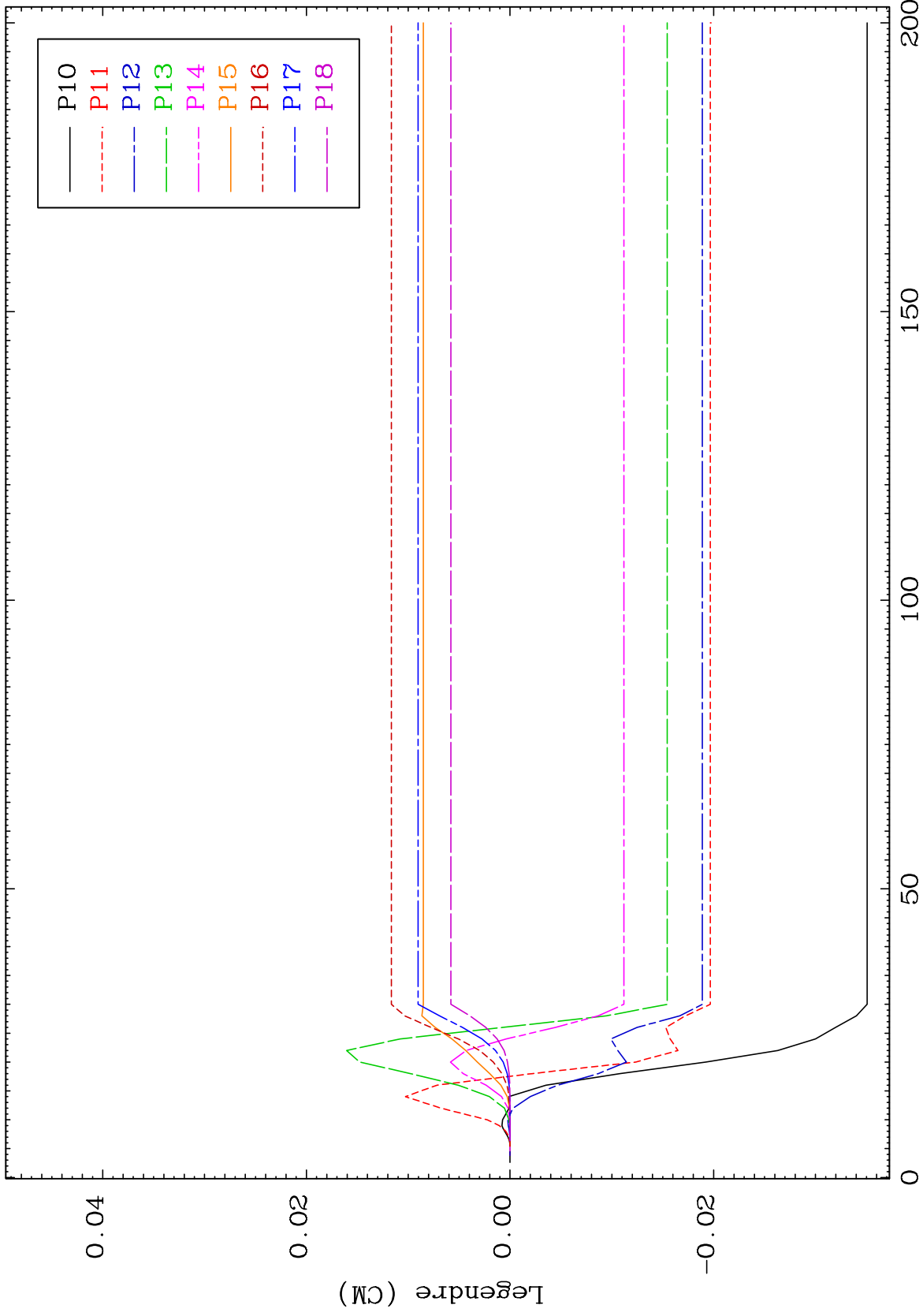
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



59

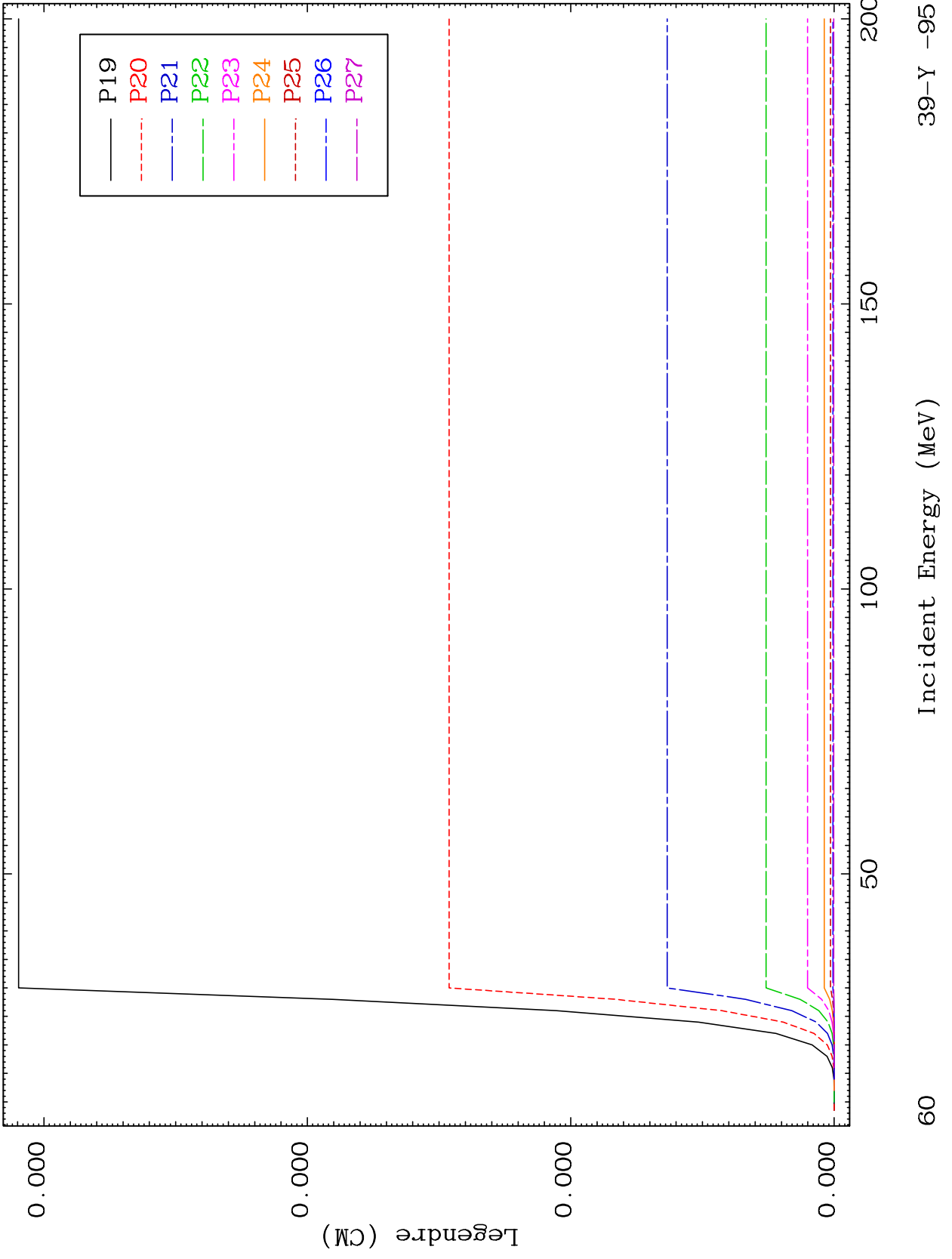
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



60

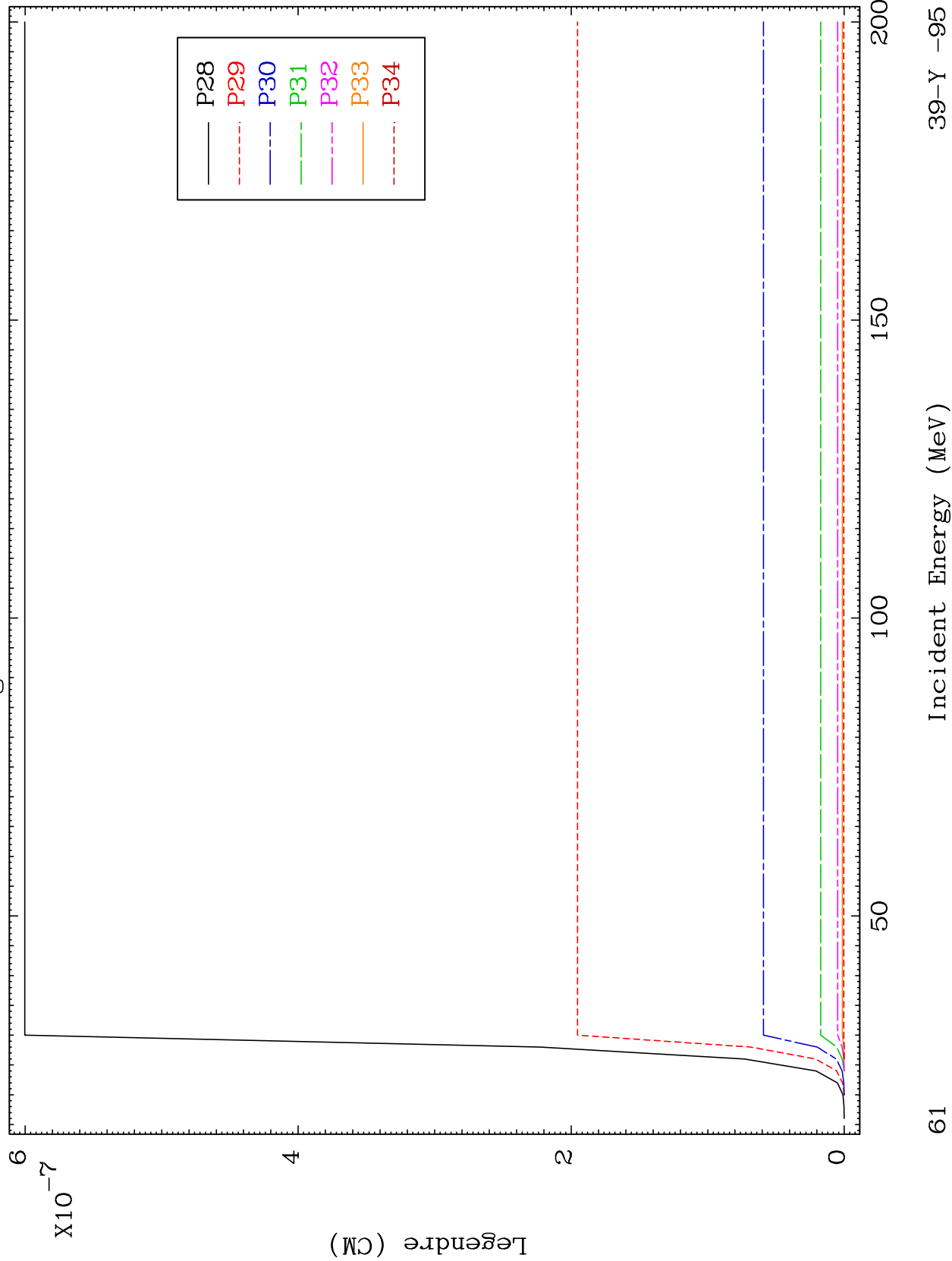
Incident Energy (MeV)

39-Y -95

MAT 3943

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

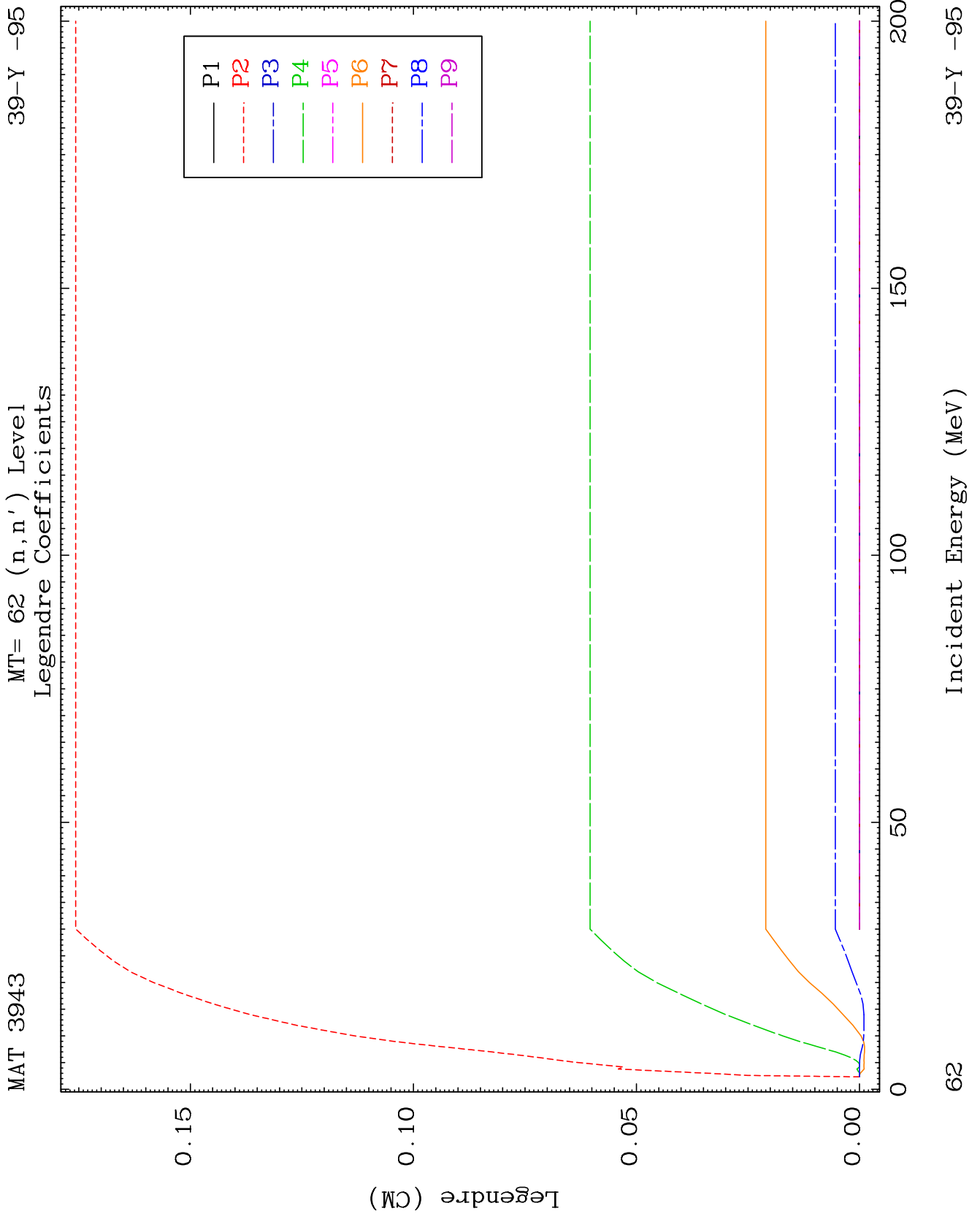
39-Y -95

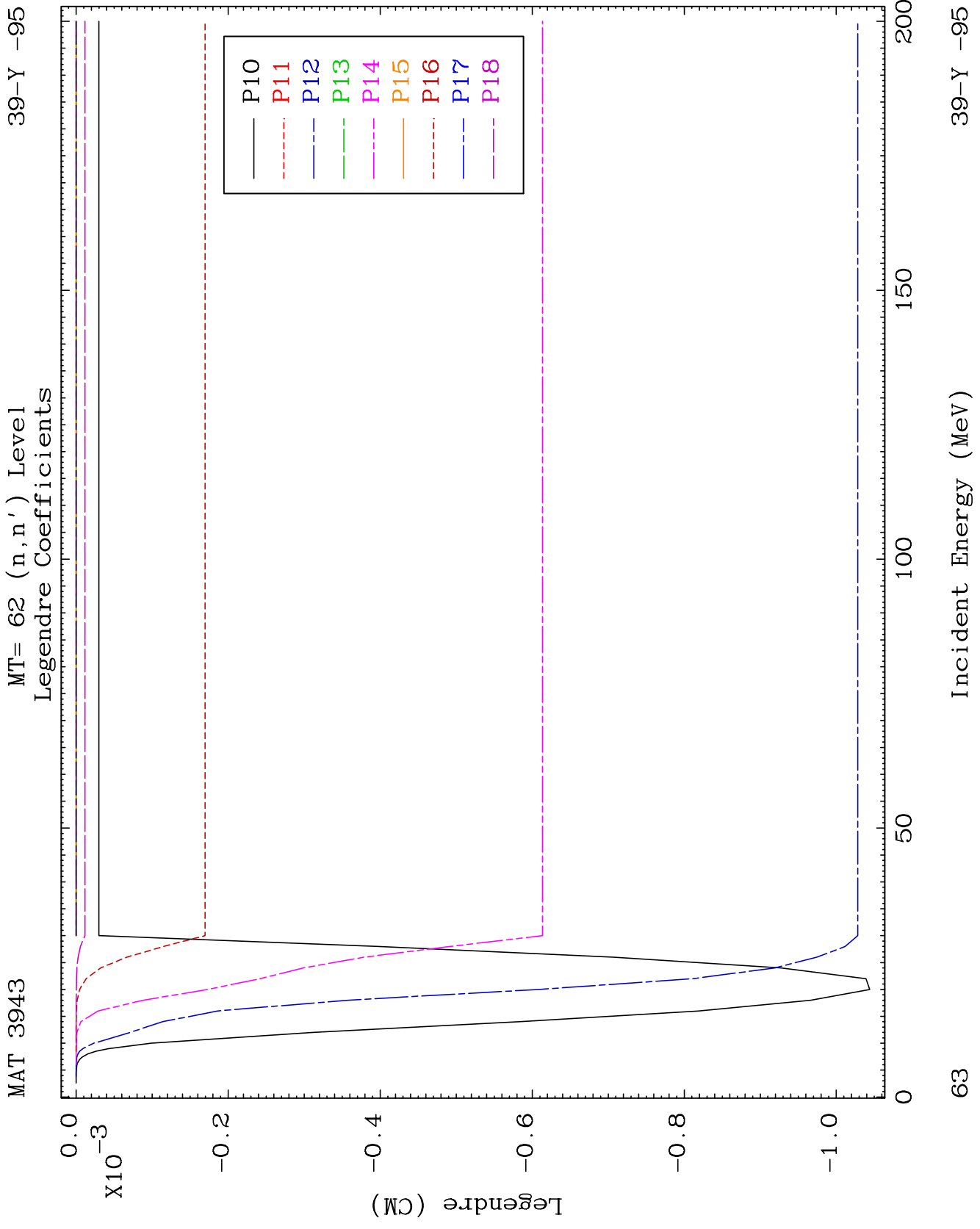


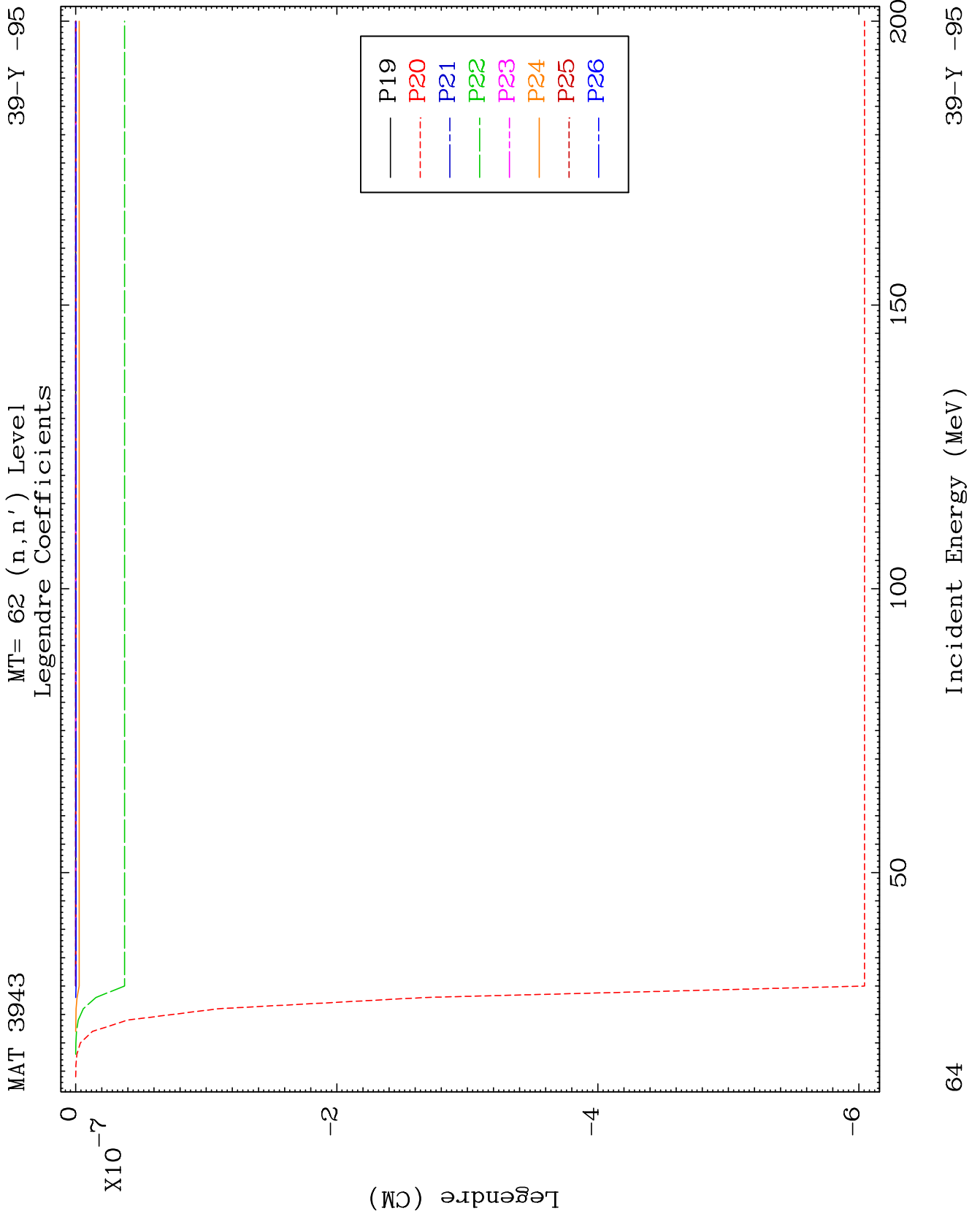
61

Incident Energy (MeV)

39-Y -95



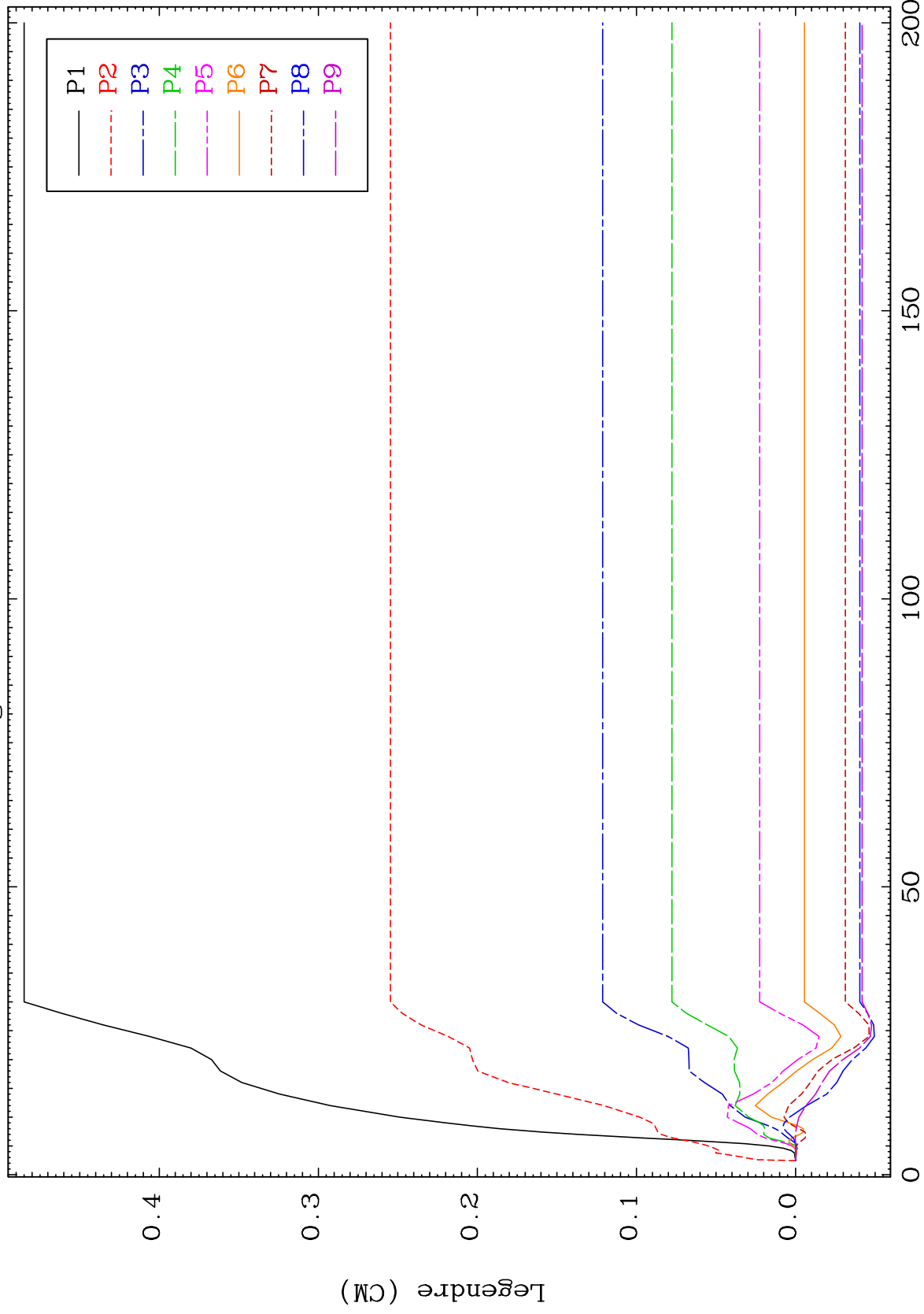




MAT 3943

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

39-Y -95



65

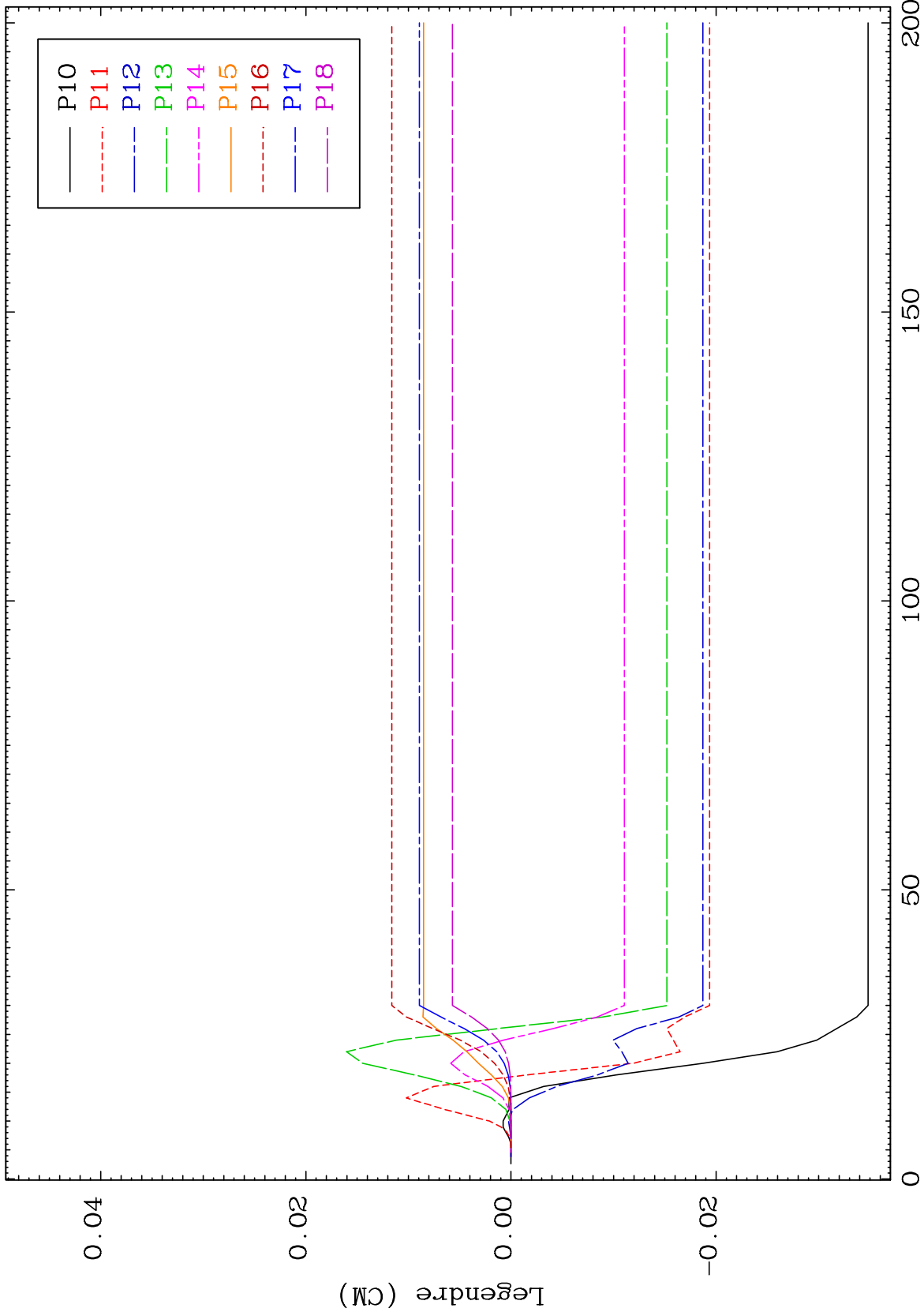
Incident Energy (MeV)

39-Y -95

MAT 3943

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

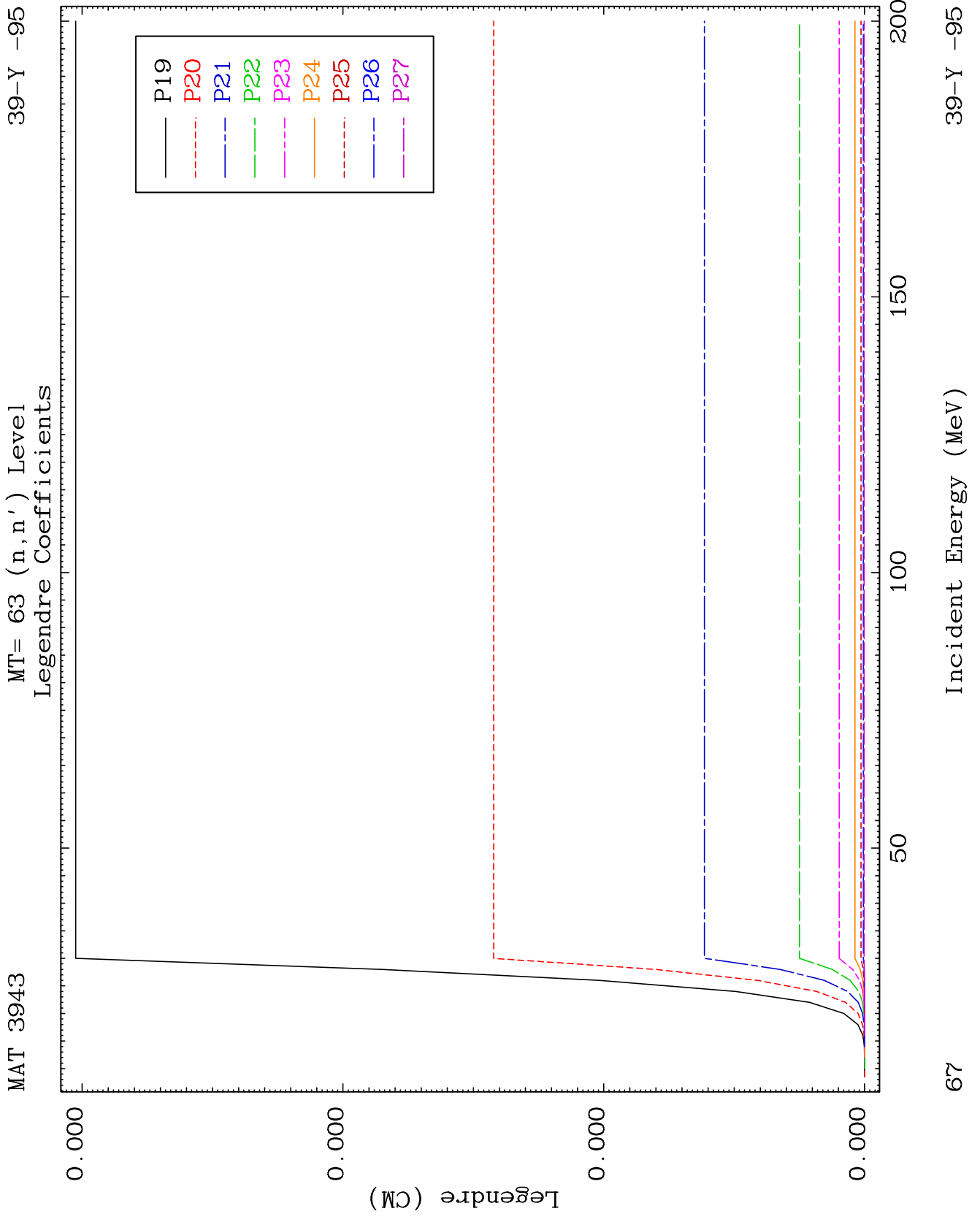
39-Y -95



66

Incident Energy (MeV)

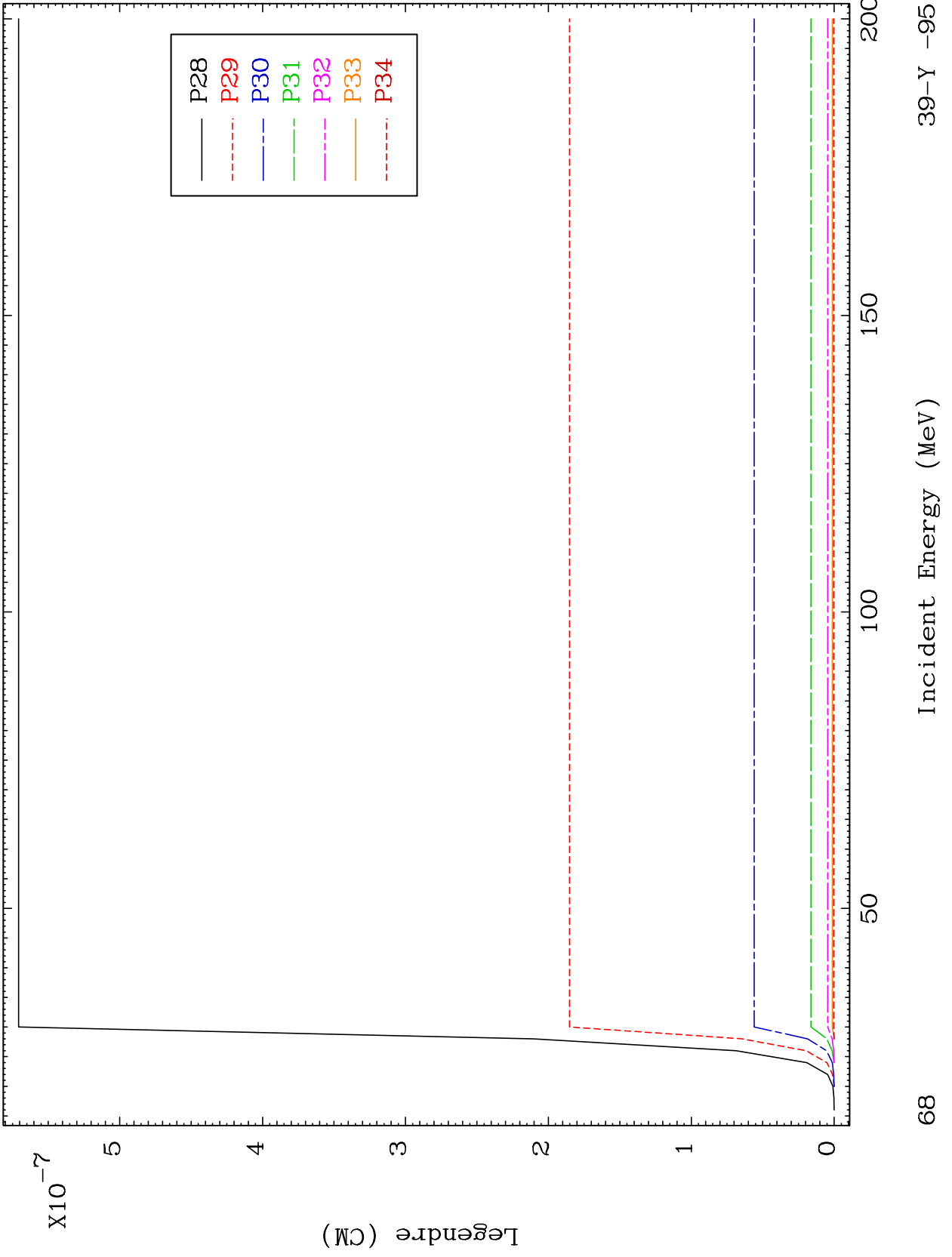
39-Y -95



MAT 3943

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

39-Y -95



68

Incident Energy (MeV)

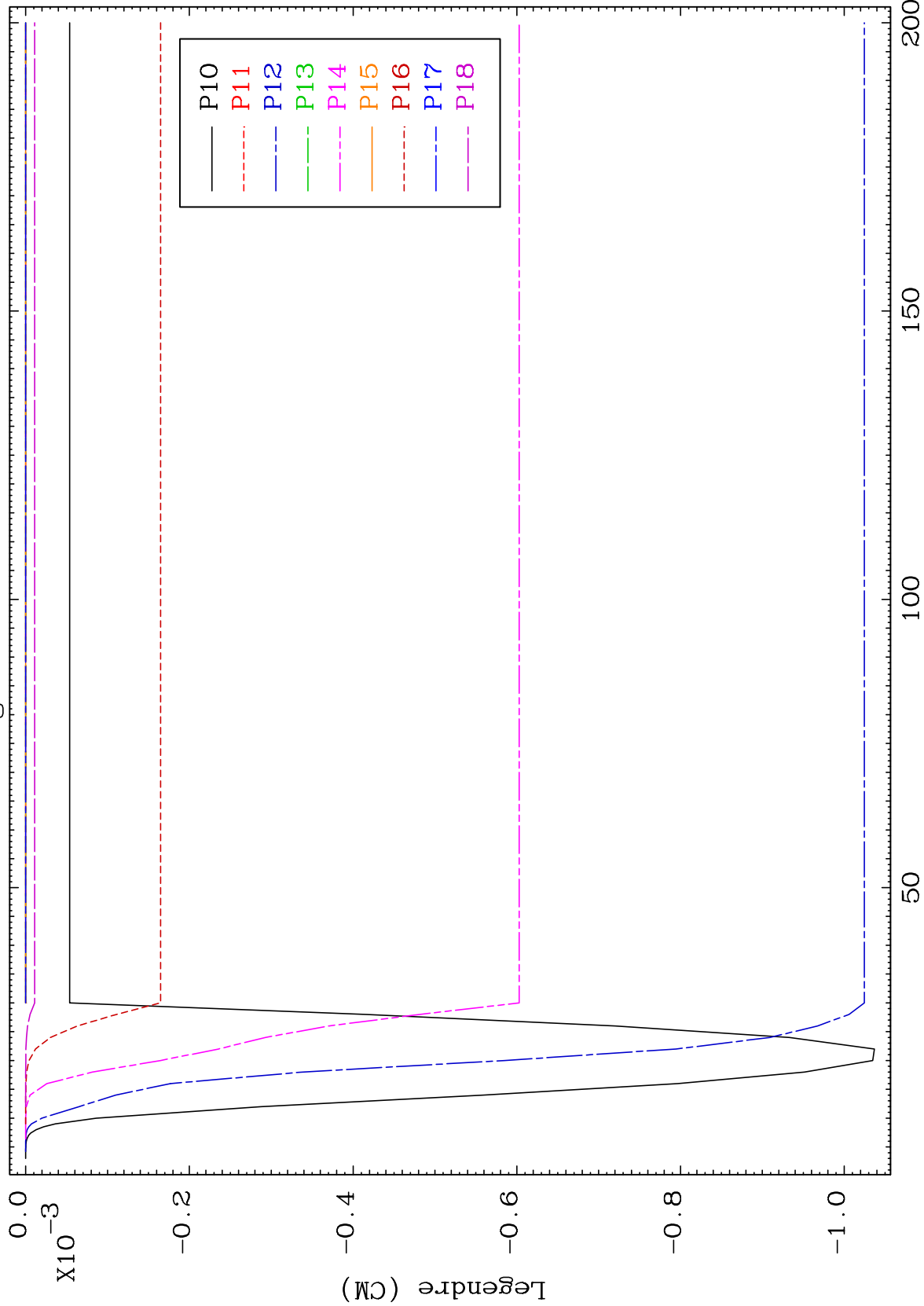
39-Y -95

MAT 3943

MT= 64 (n,n') Level

39-Y -95

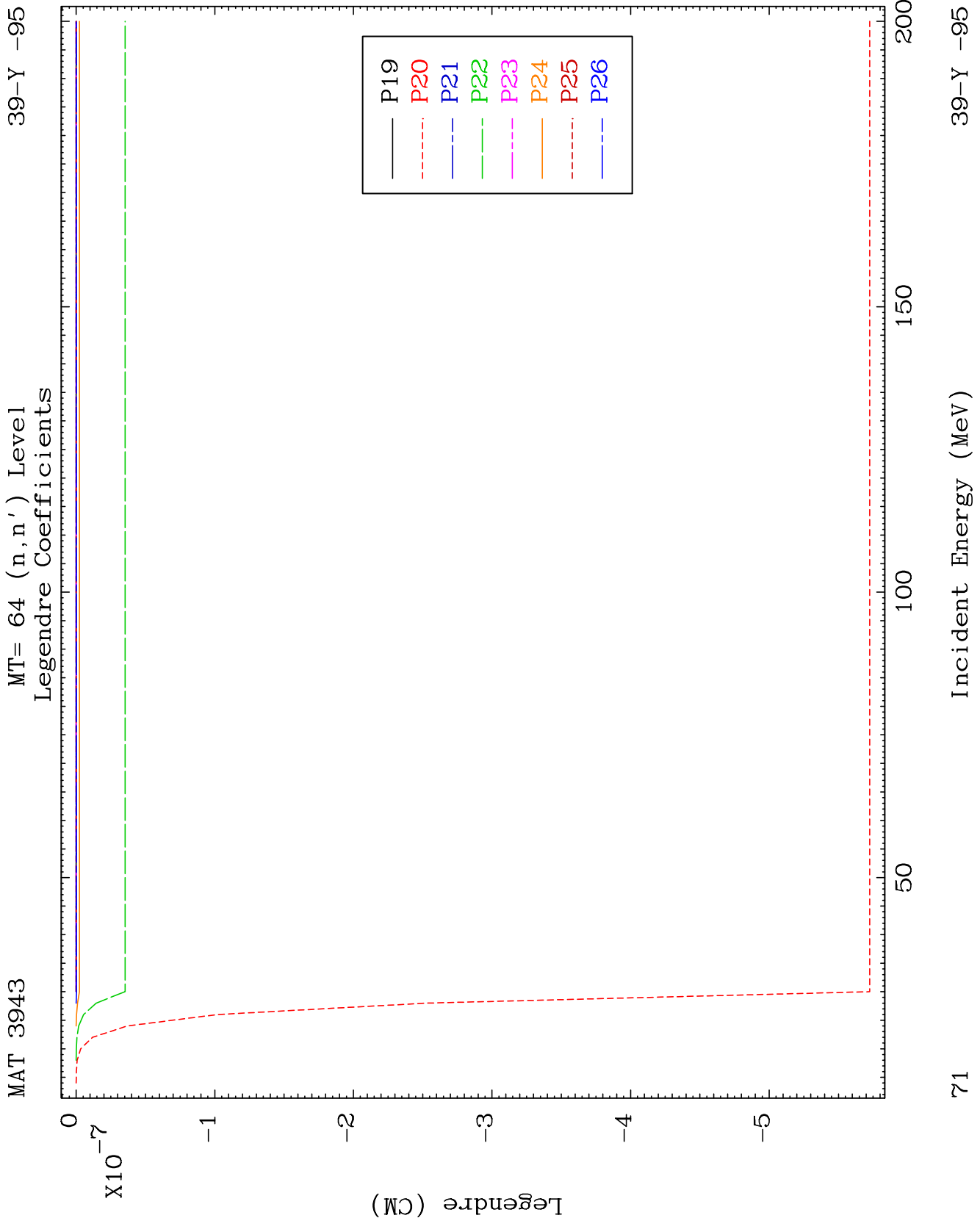
Legendre Coefficients



70

Incident Energy (MeV)

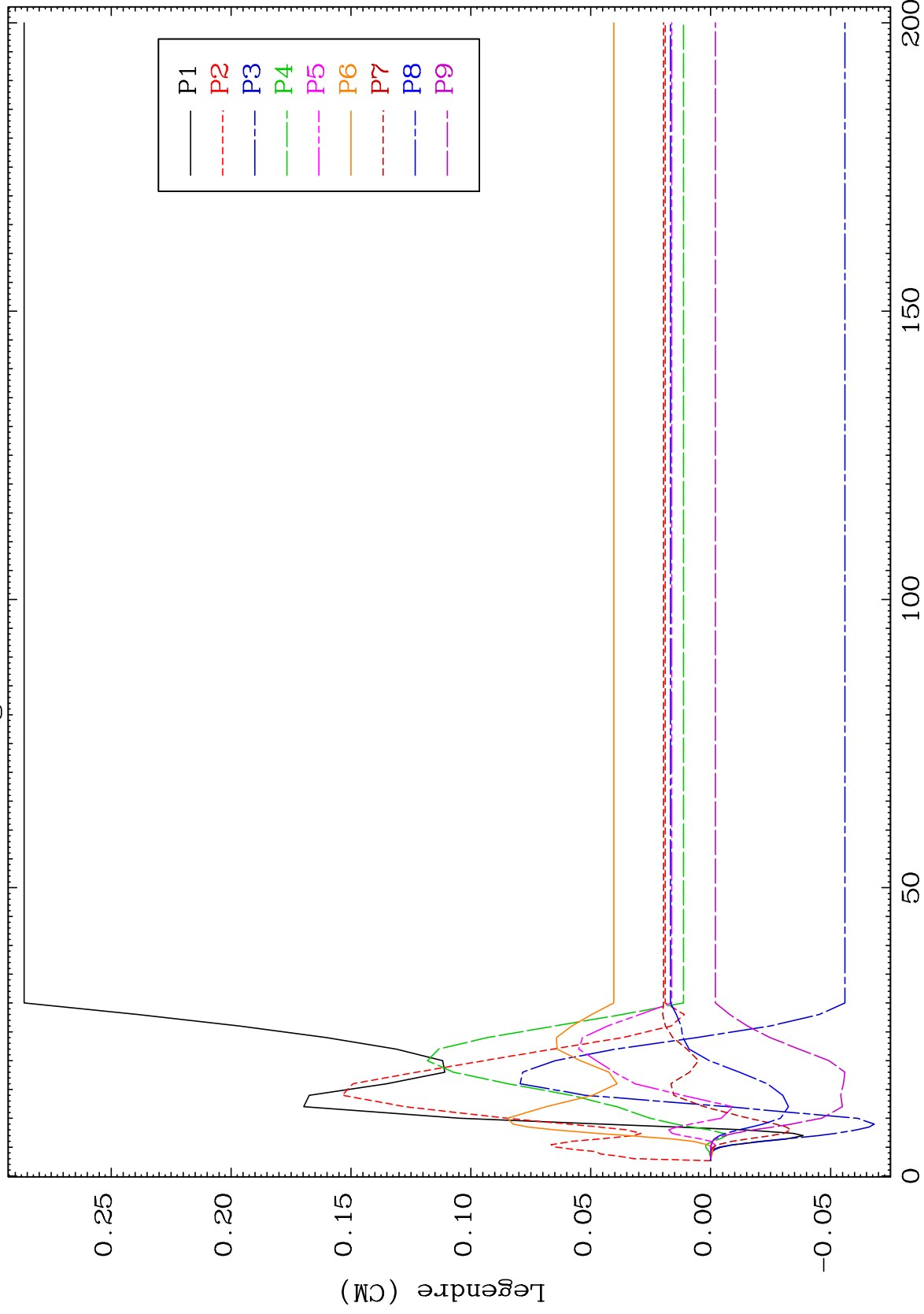
39-Y -95



MAT 3943

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

39-Y -95



72

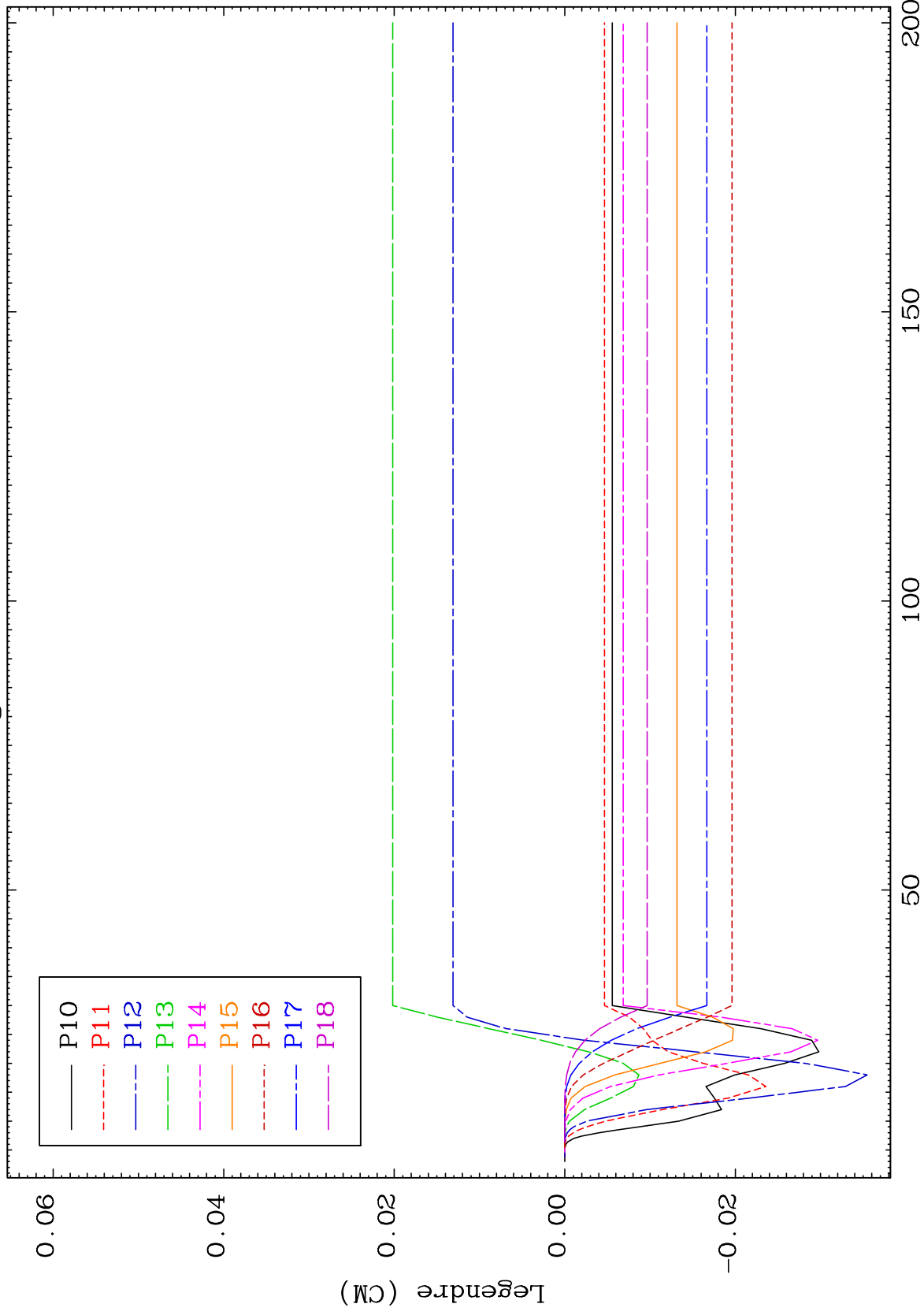
Incident Energy (MeV)

39-Y -95

MAT 3943

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

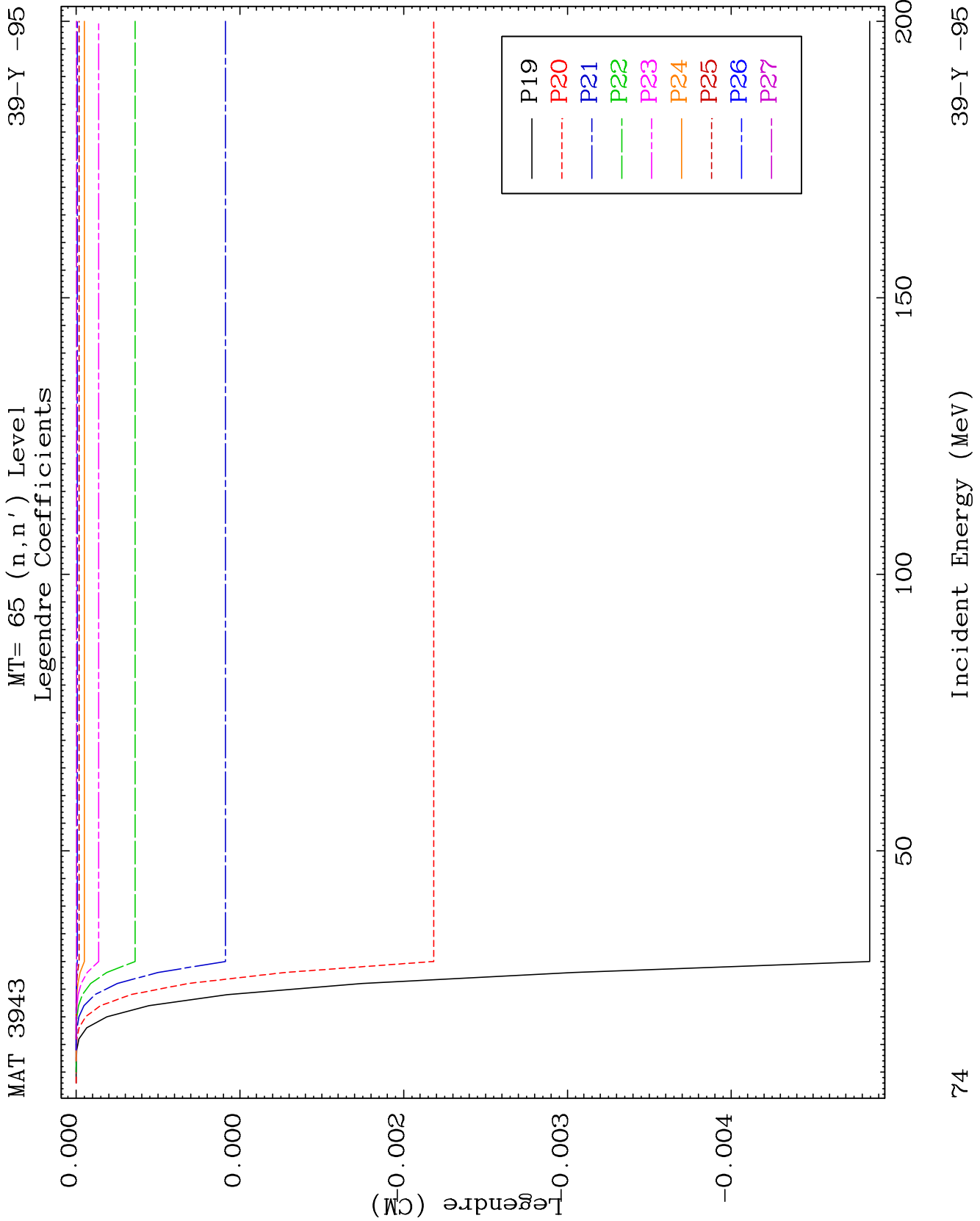
39-Y -95

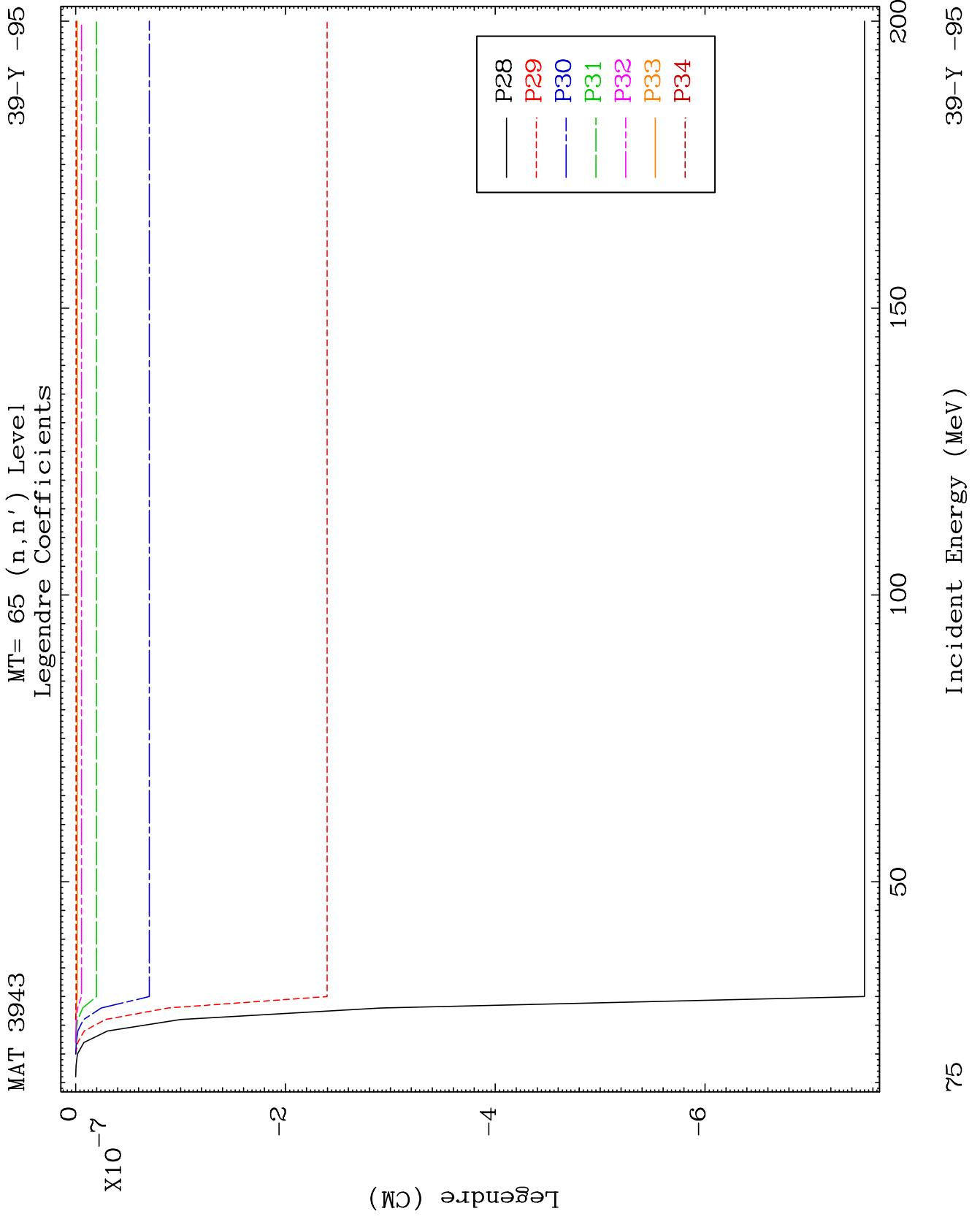


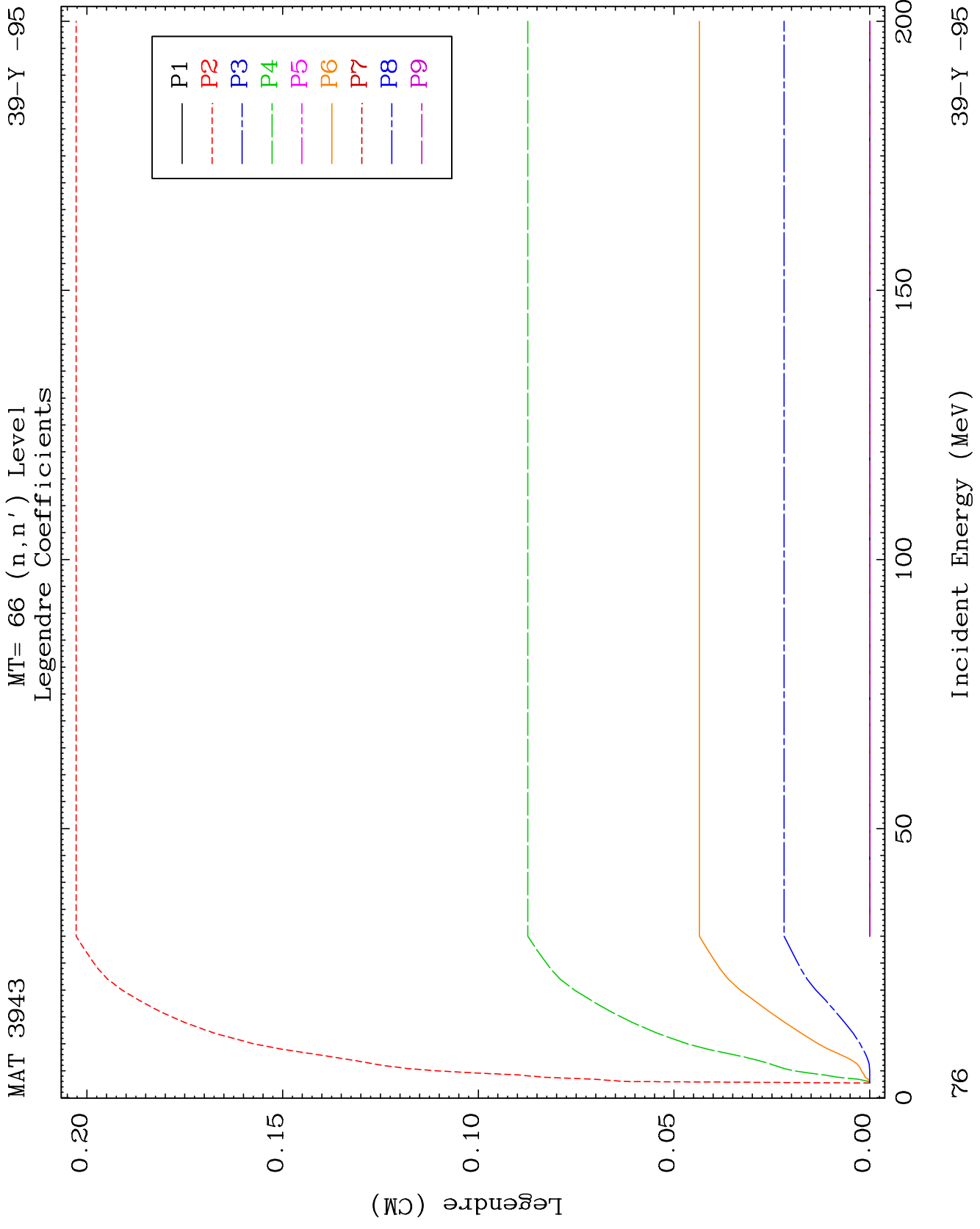
73

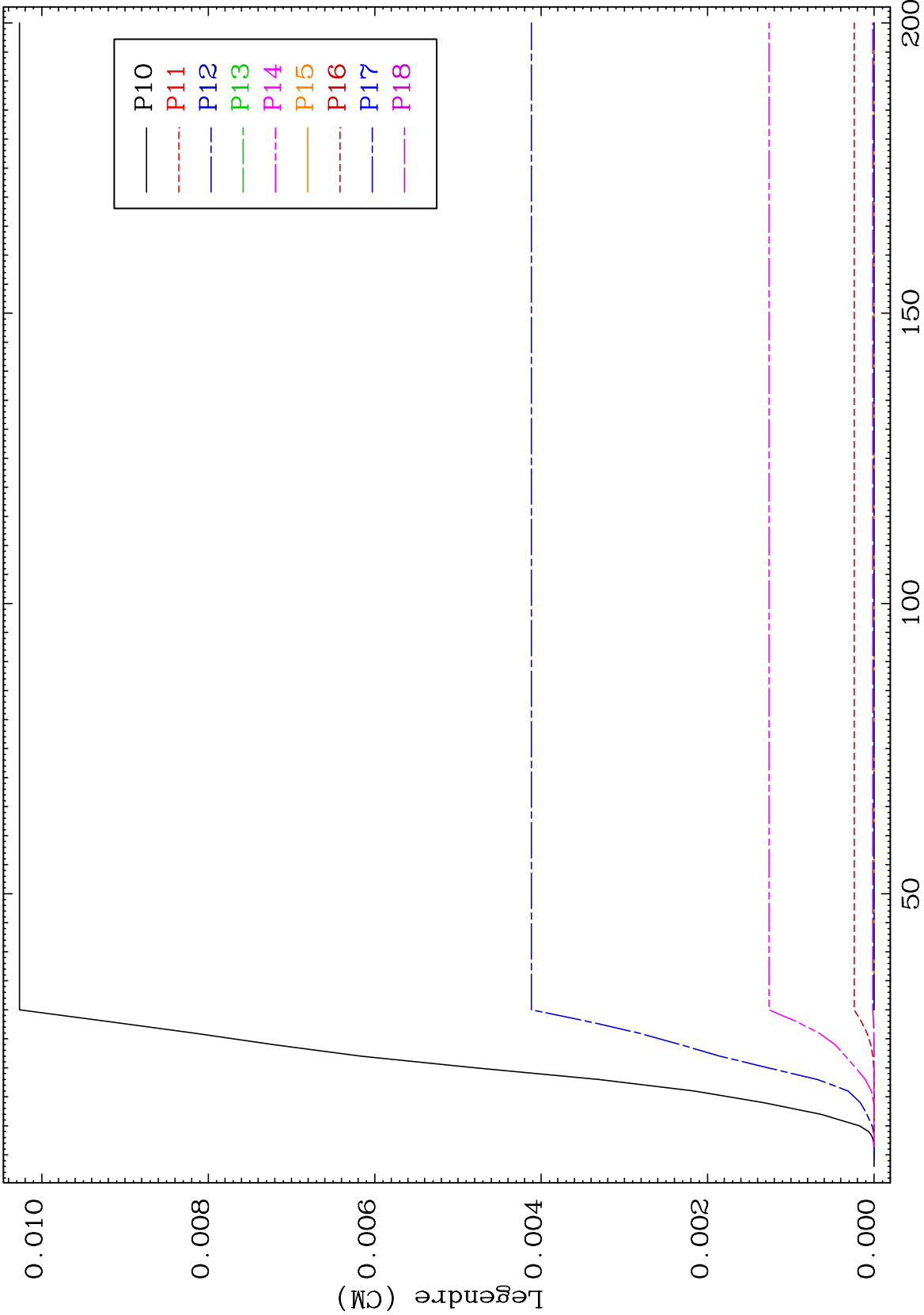
Incident Energy (MeV)

39-Y -95





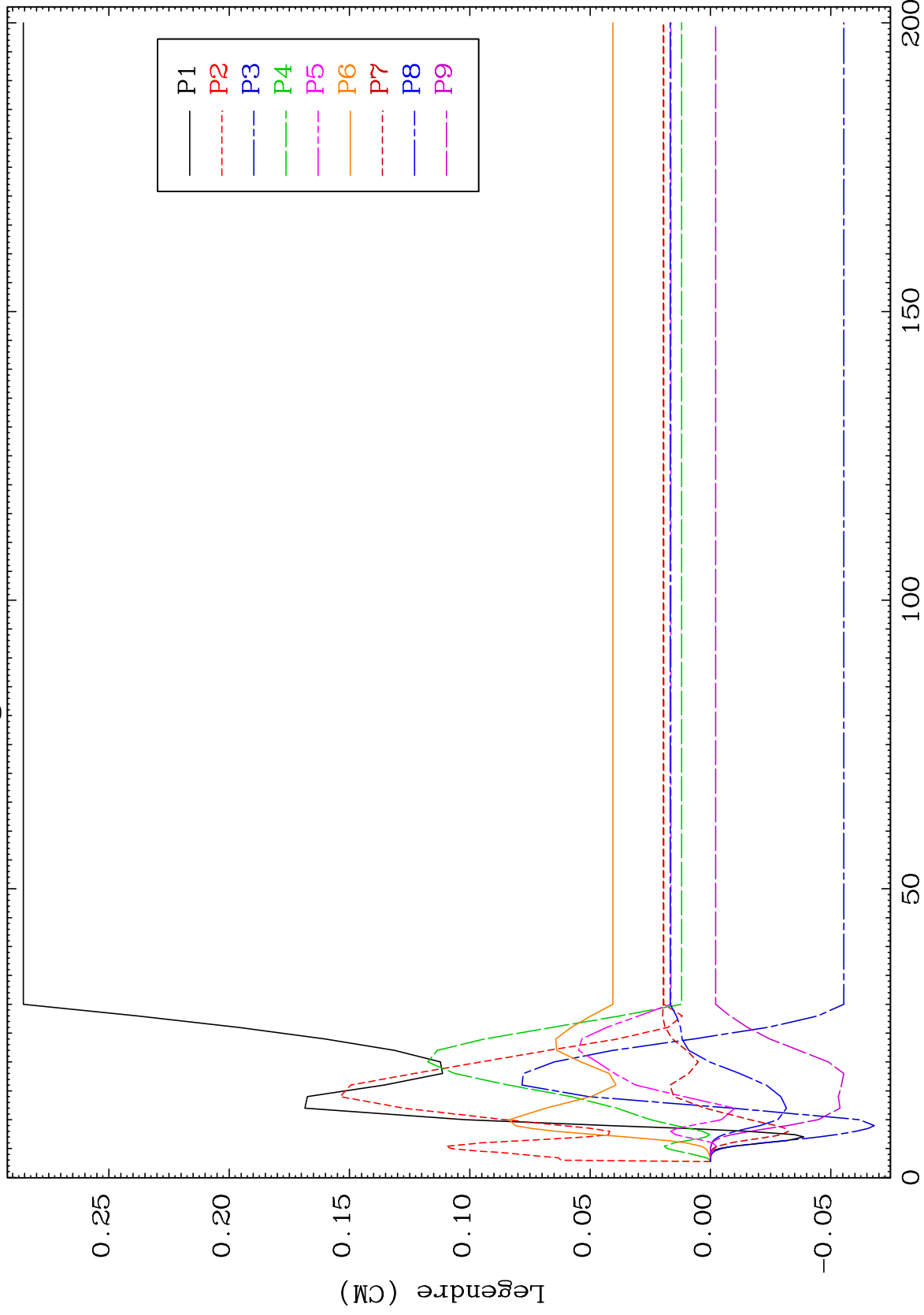




MAT 3943

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

39-Y -95



79

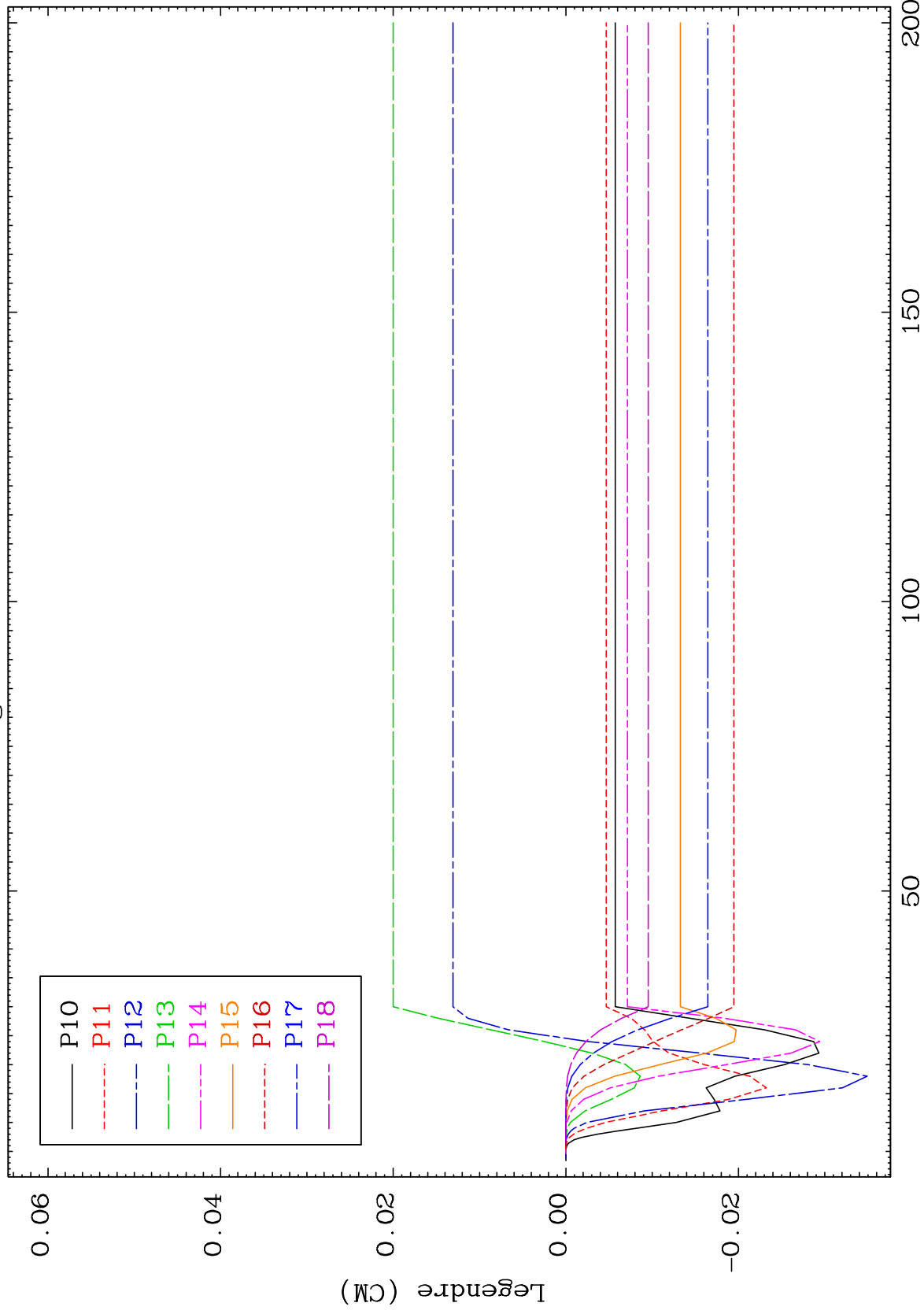
Incident Energy (MeV)

39-Y -95

MAT 3943

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

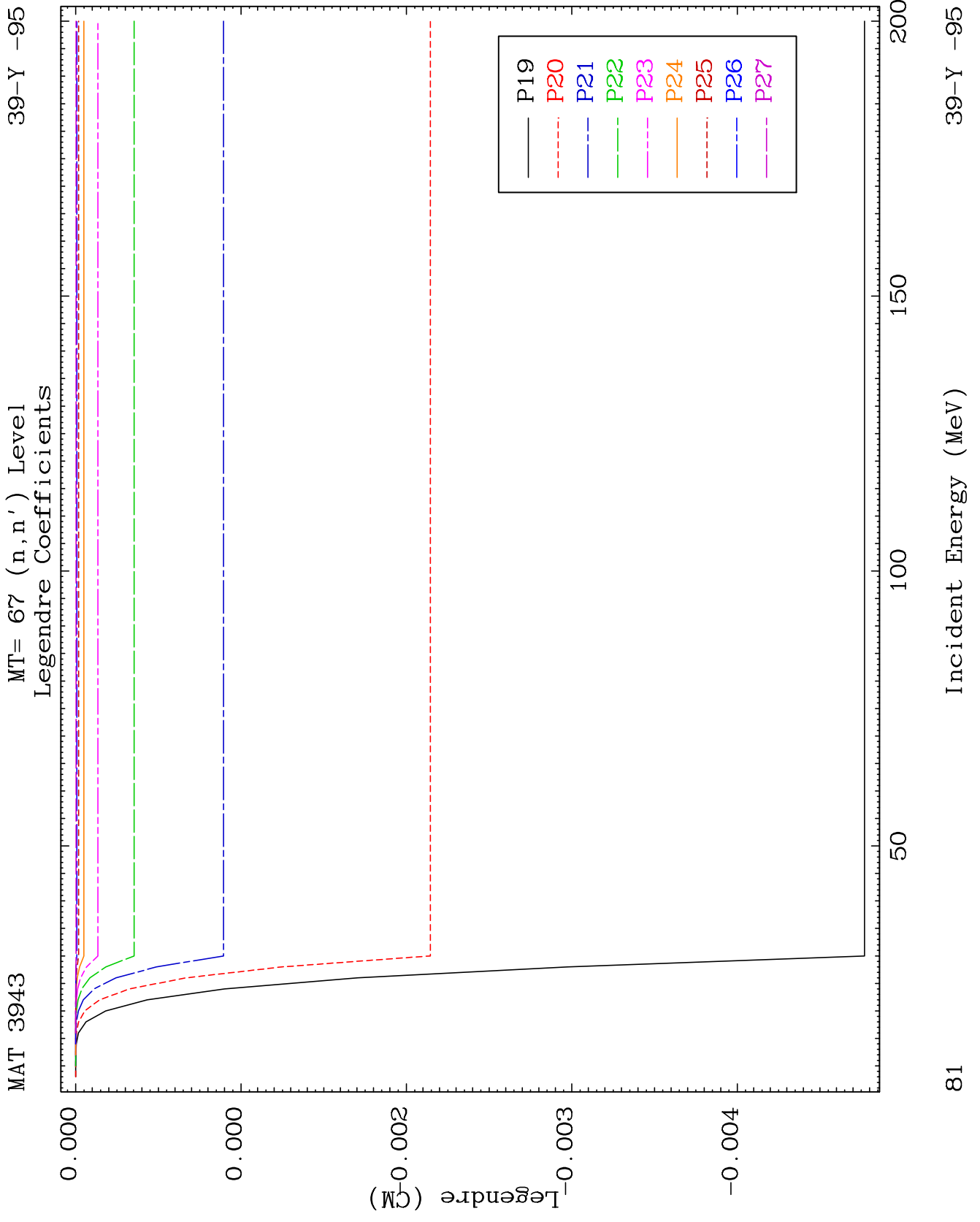
39-Y -95



80

Incident Energy (MeV)

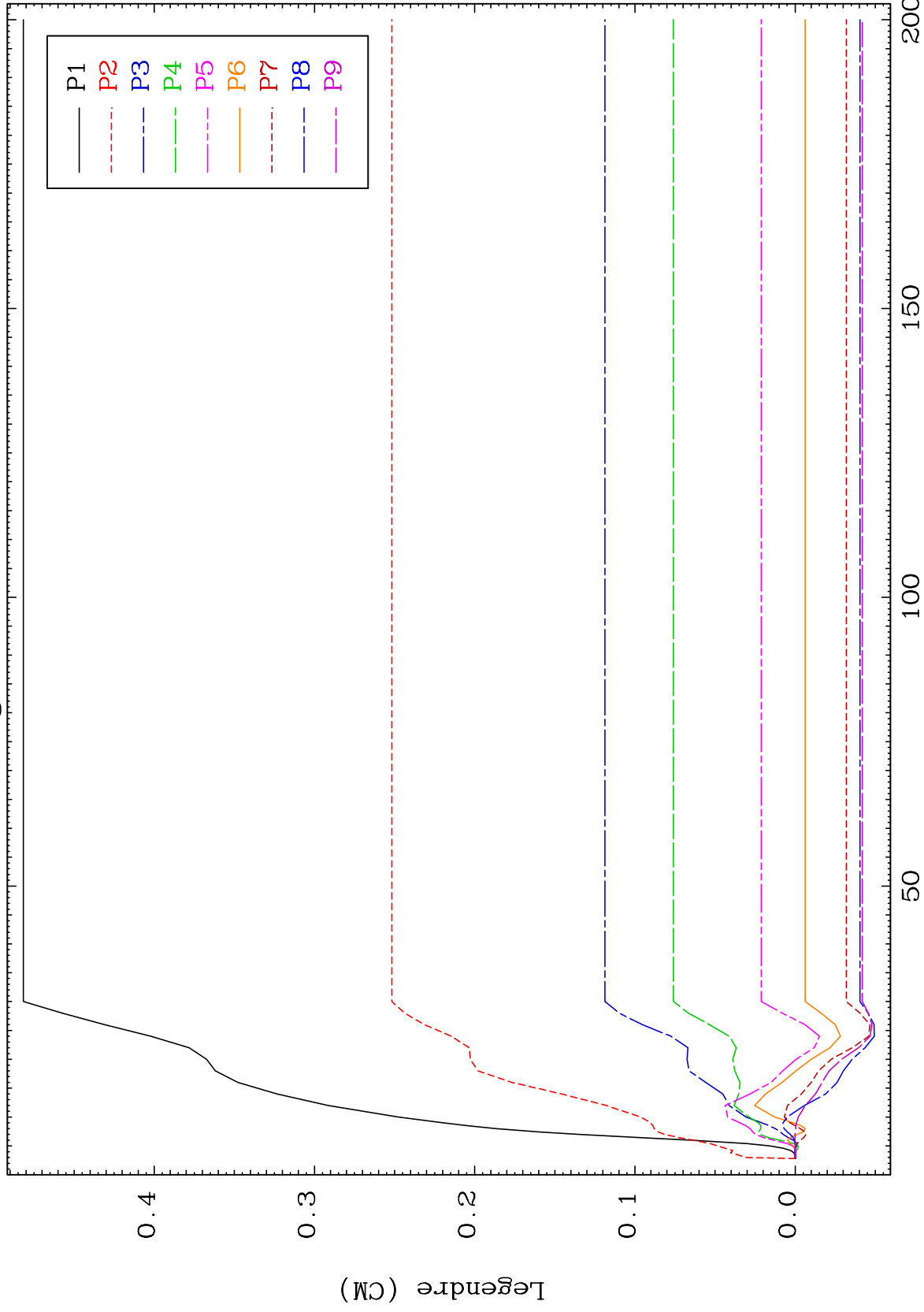
39-Y -95



MAT 3943

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

39-Y -95



83

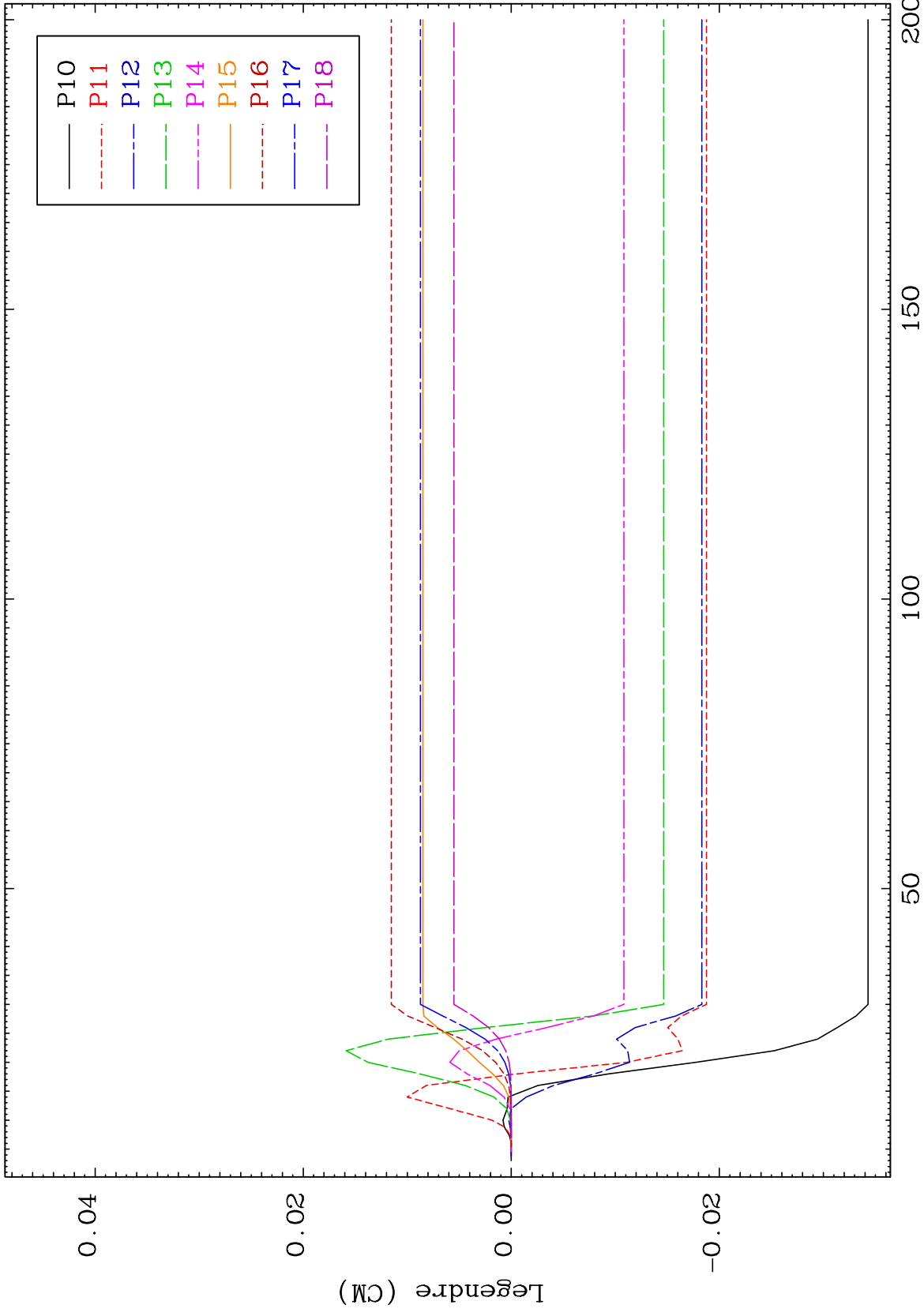
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



84

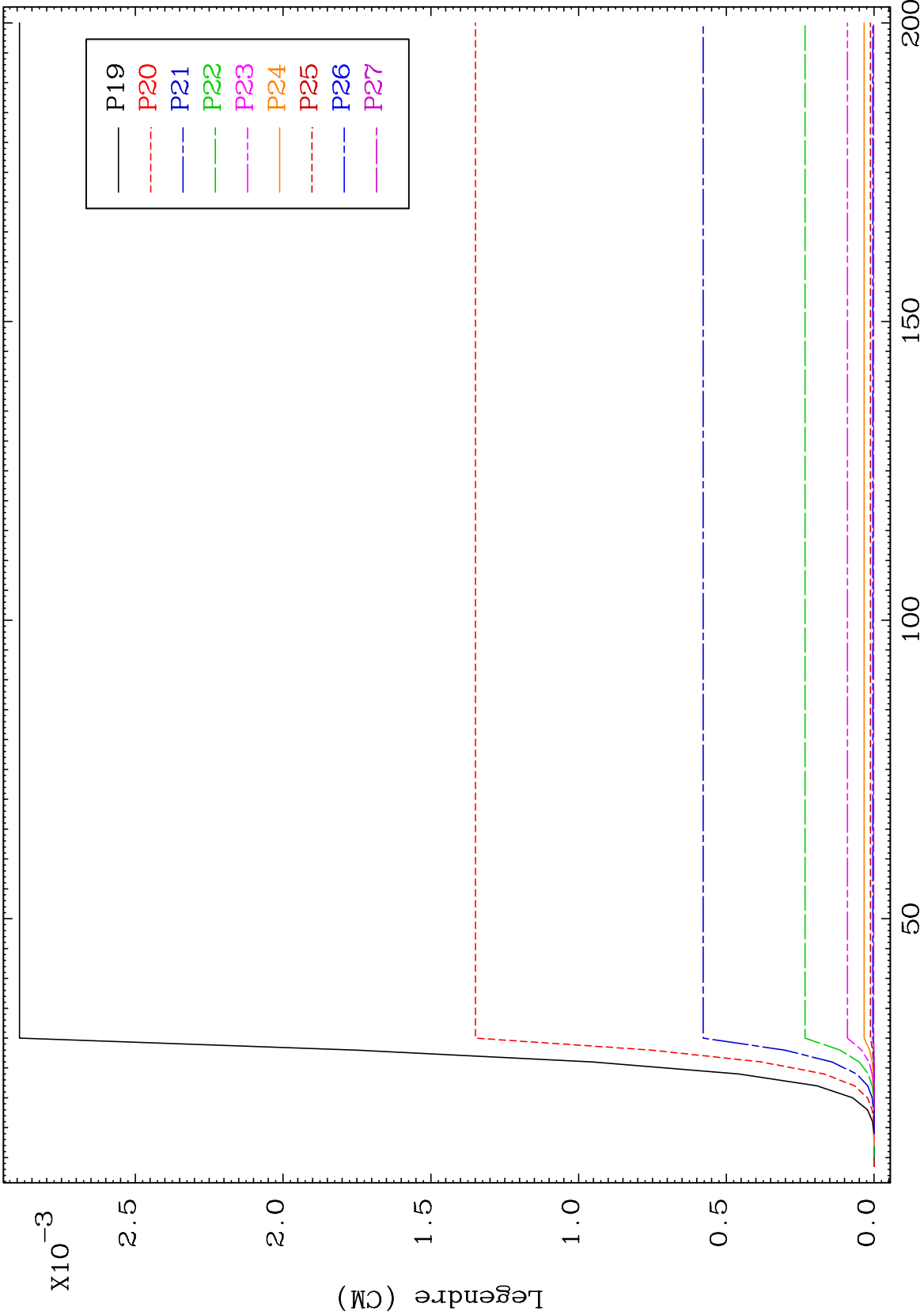
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



85

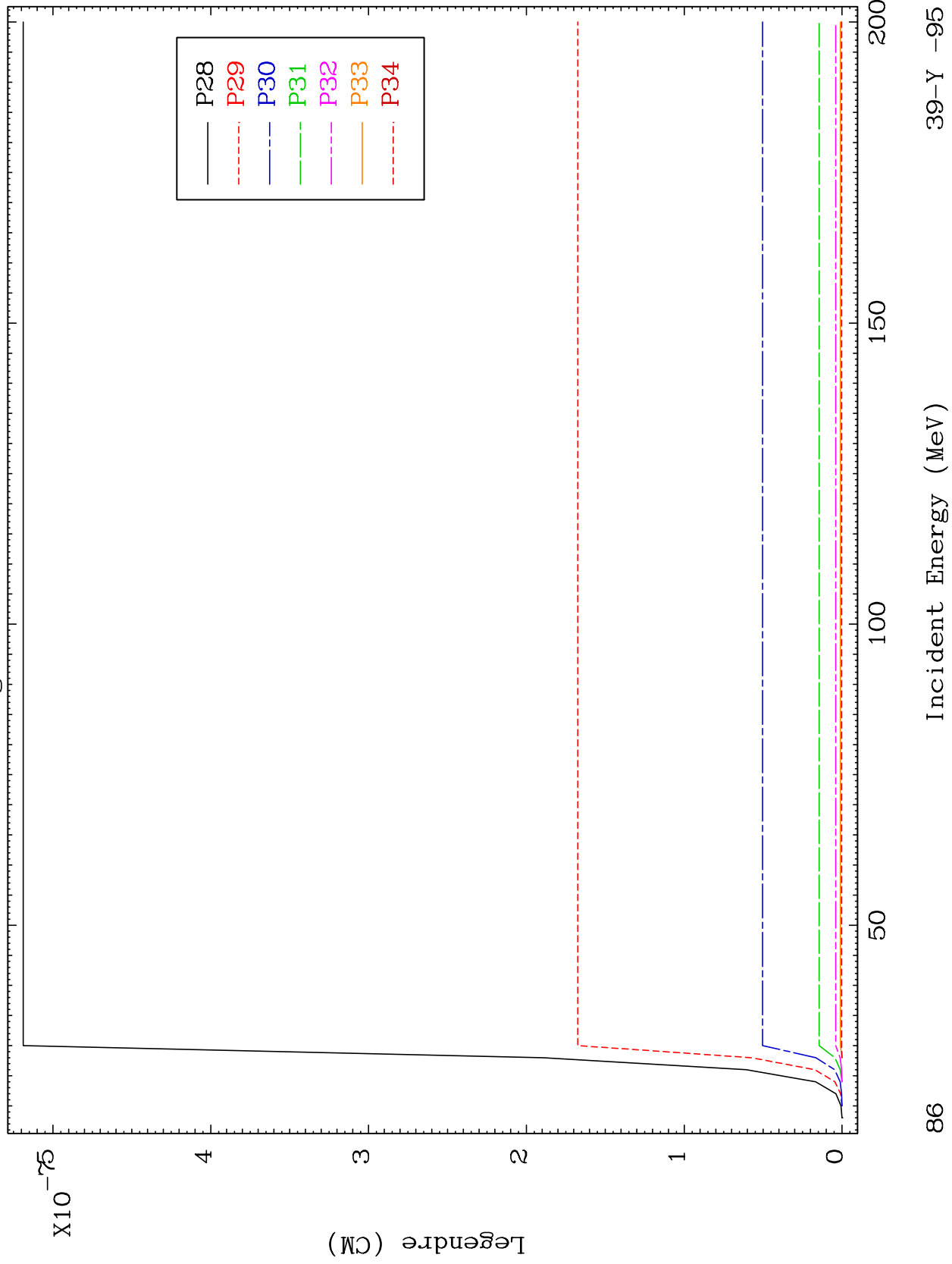
Incident Energy (MeV)

39-Y -95

MAT 3943

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

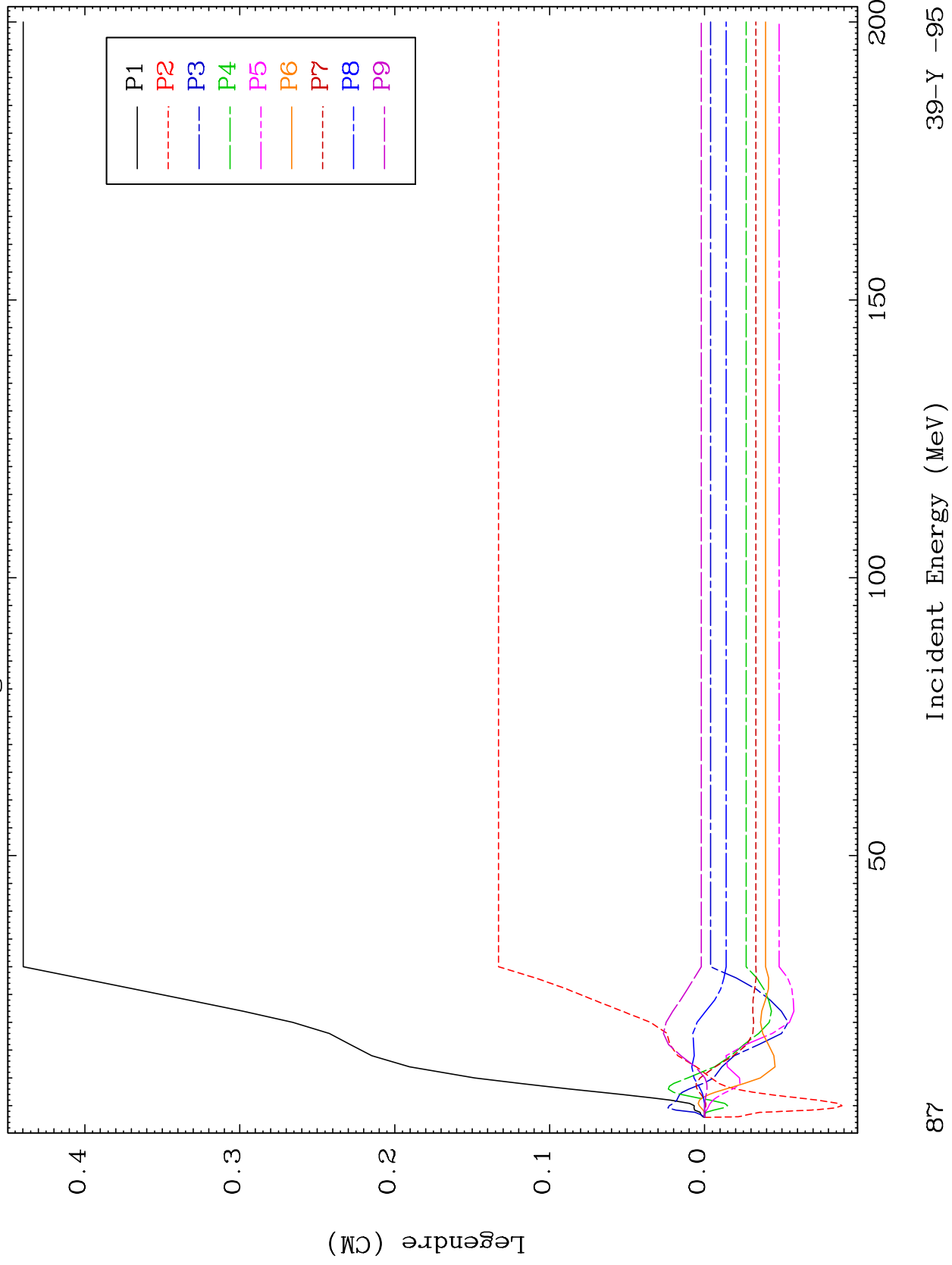
39-Y -95



MAT 3943

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

39-Y -95



87

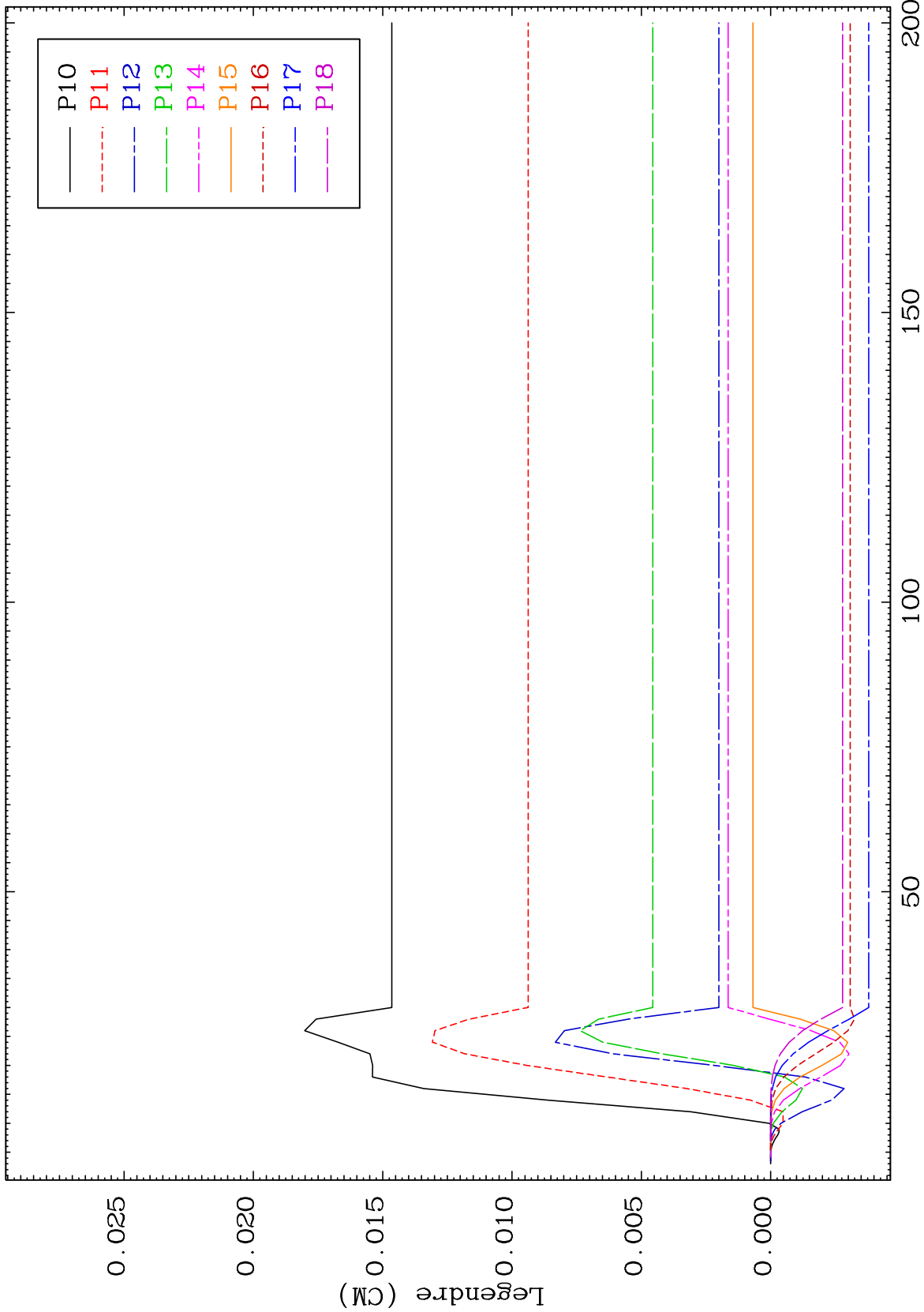
Incident Energy (MeV)

39-Y -95

MAT 3943

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

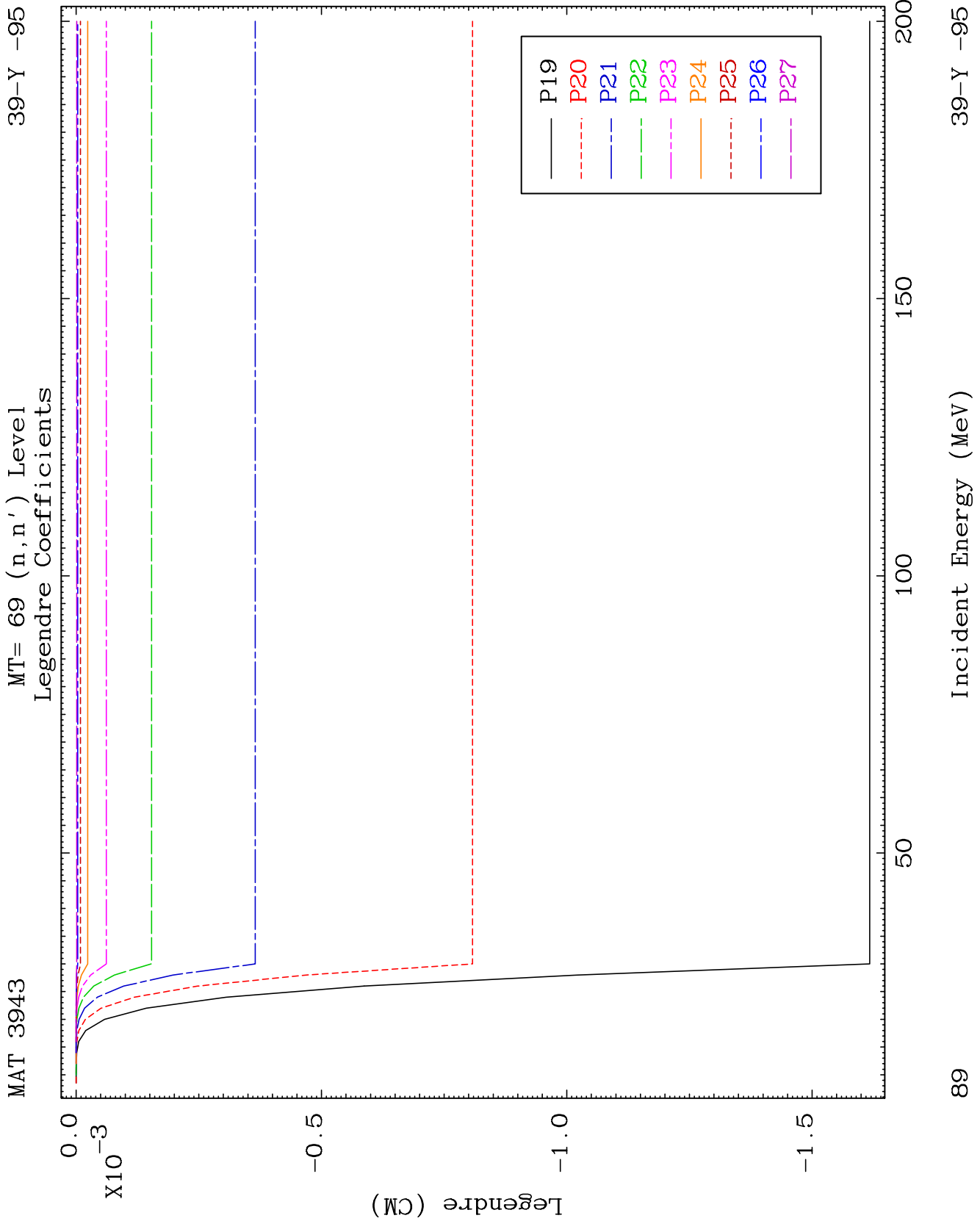
39-Y -95

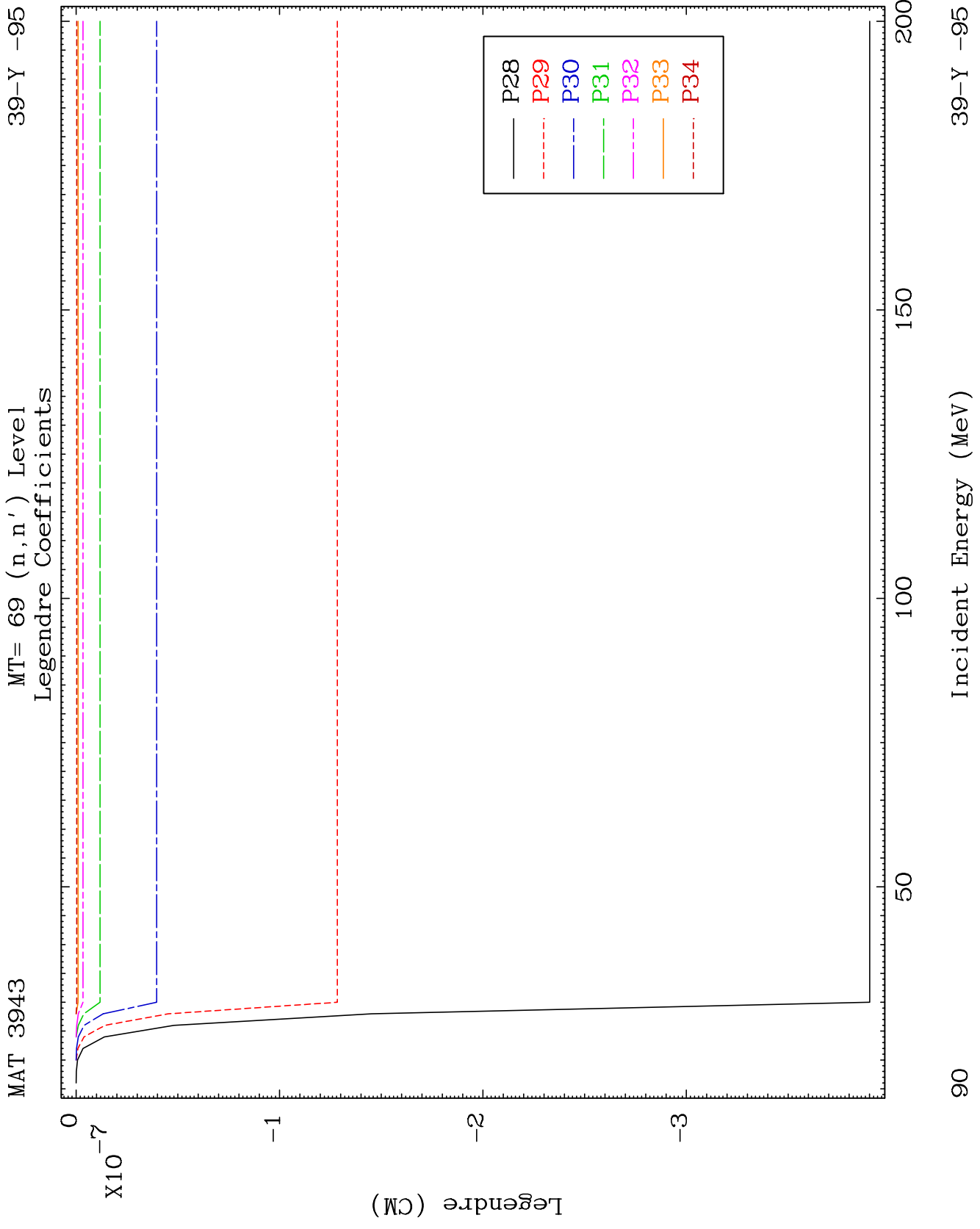


88

Incident Energy (MeV)

39-Y -95

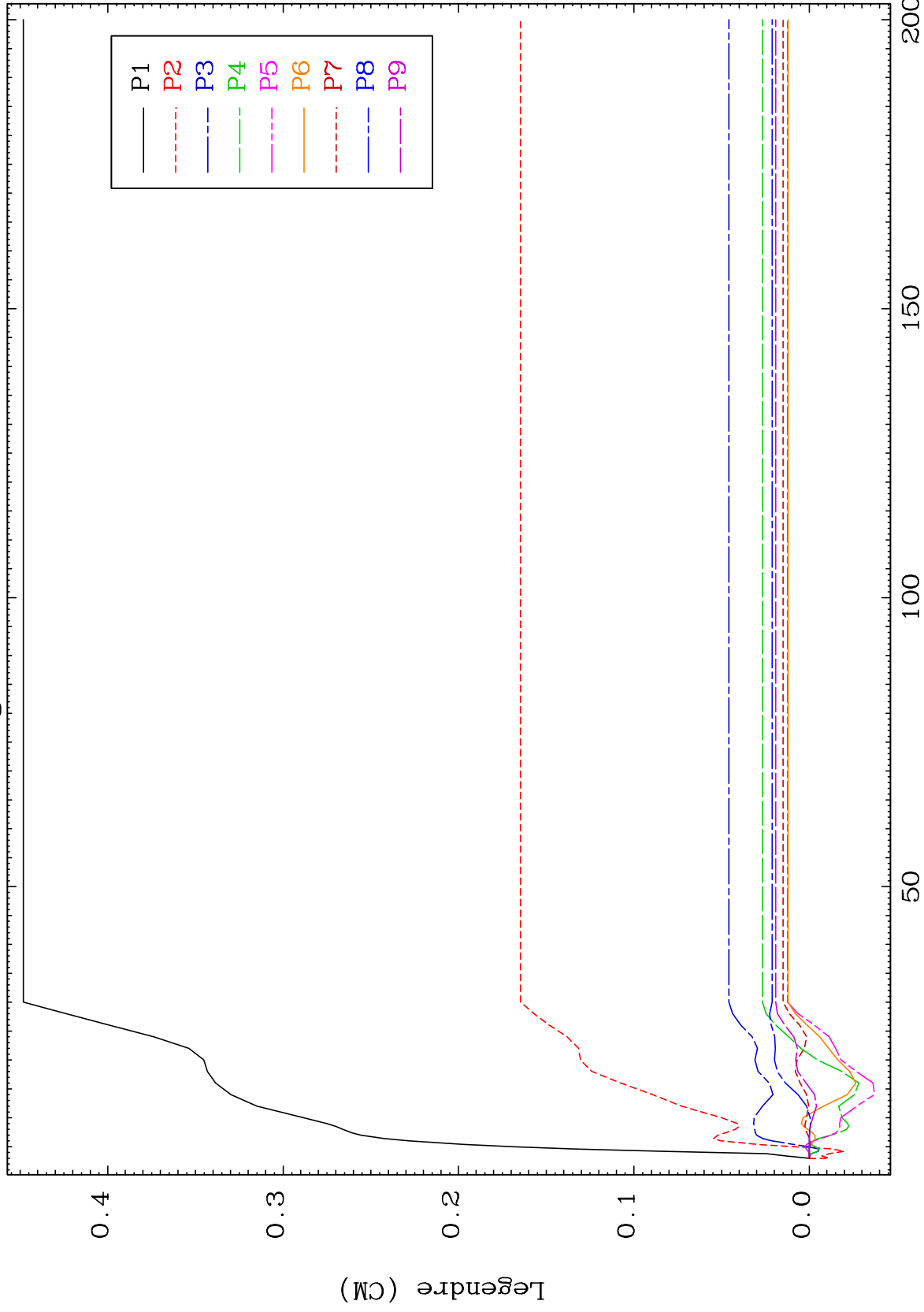




MAT 3943

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

39-Y -95



91

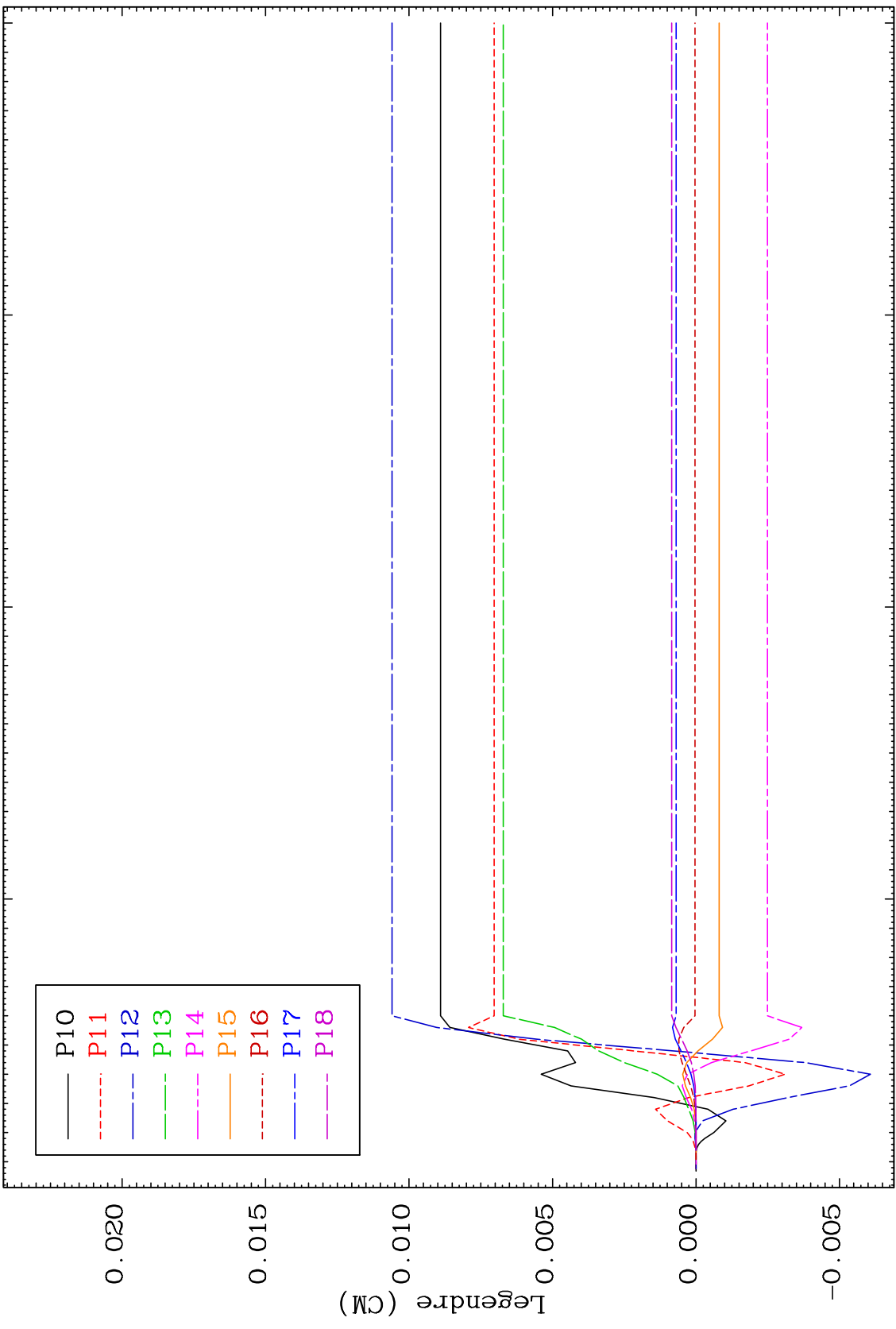
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



200

150

100

50

92

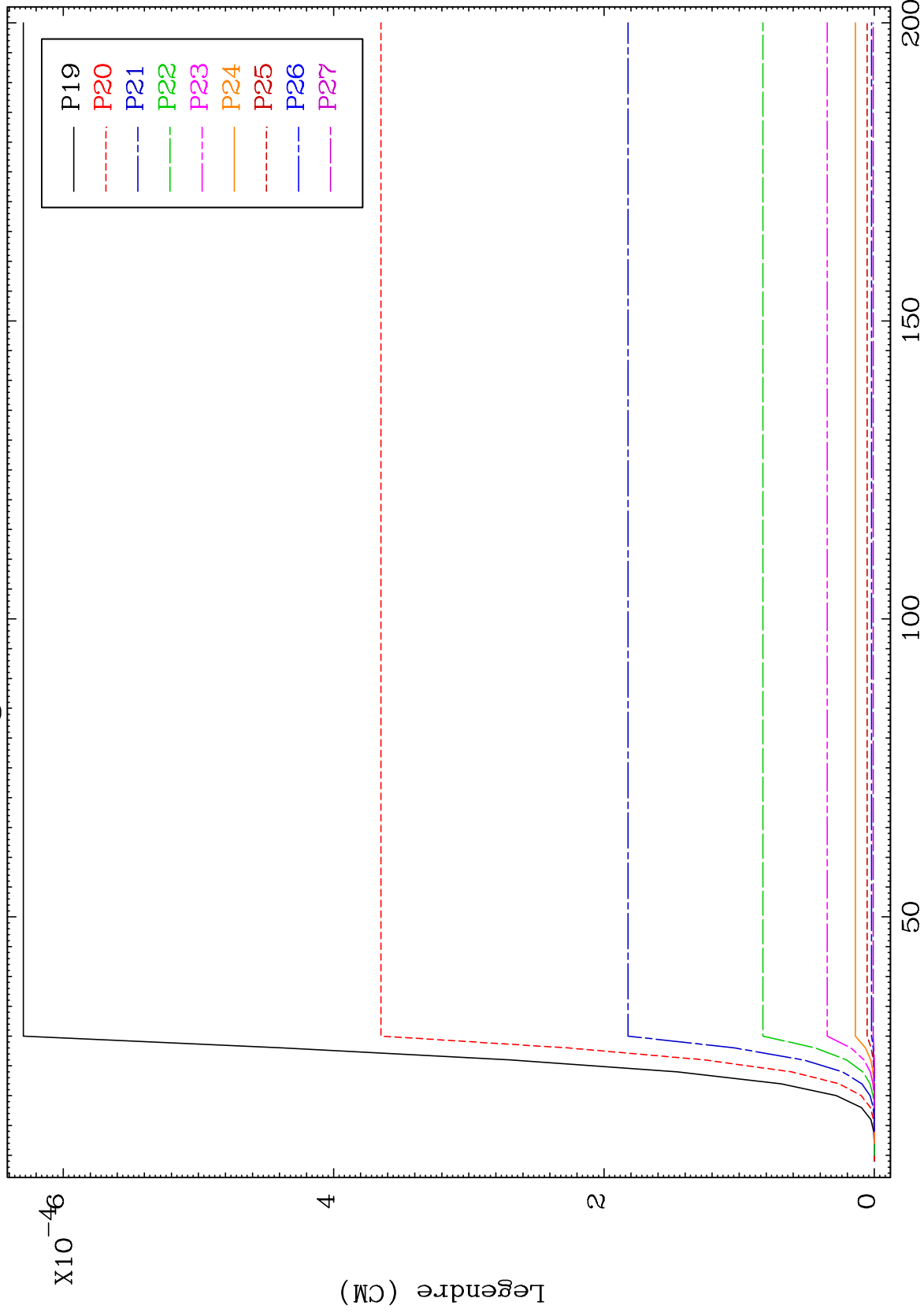
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



93

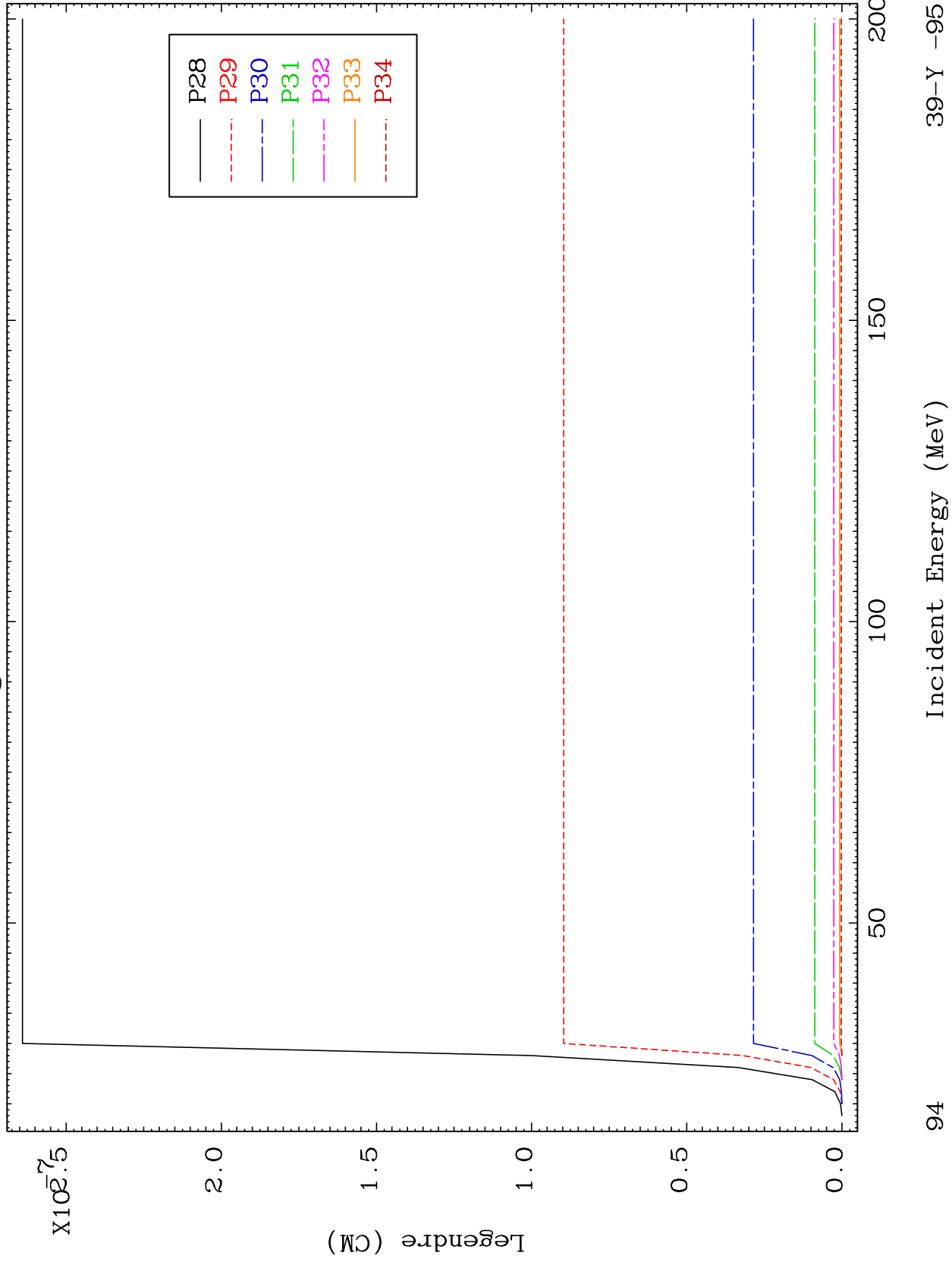
Incident Energy (MeV)

39-Y -95

MAT 3943

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

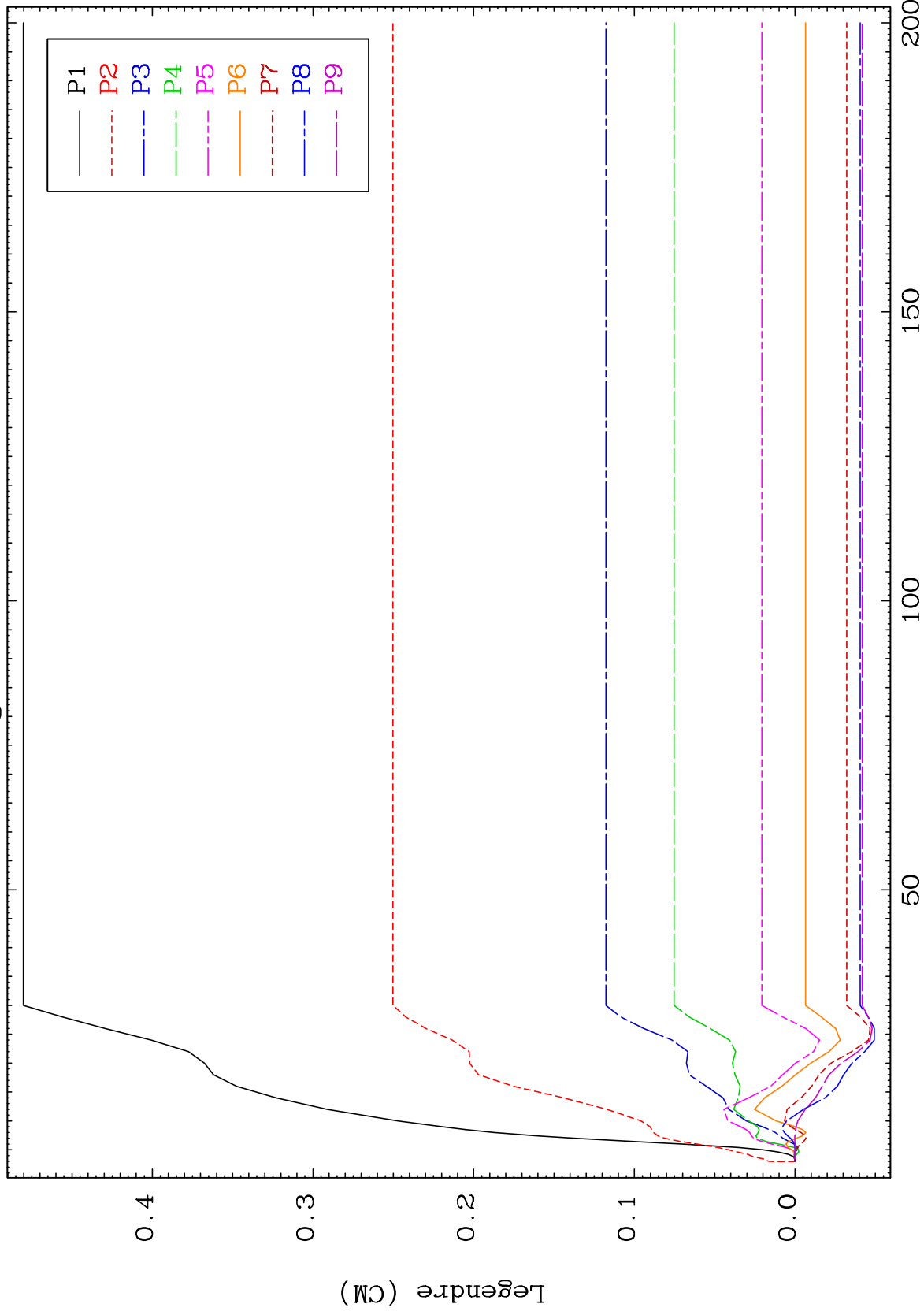
39-Y -95



MAT 3943

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

39-Y -95



95

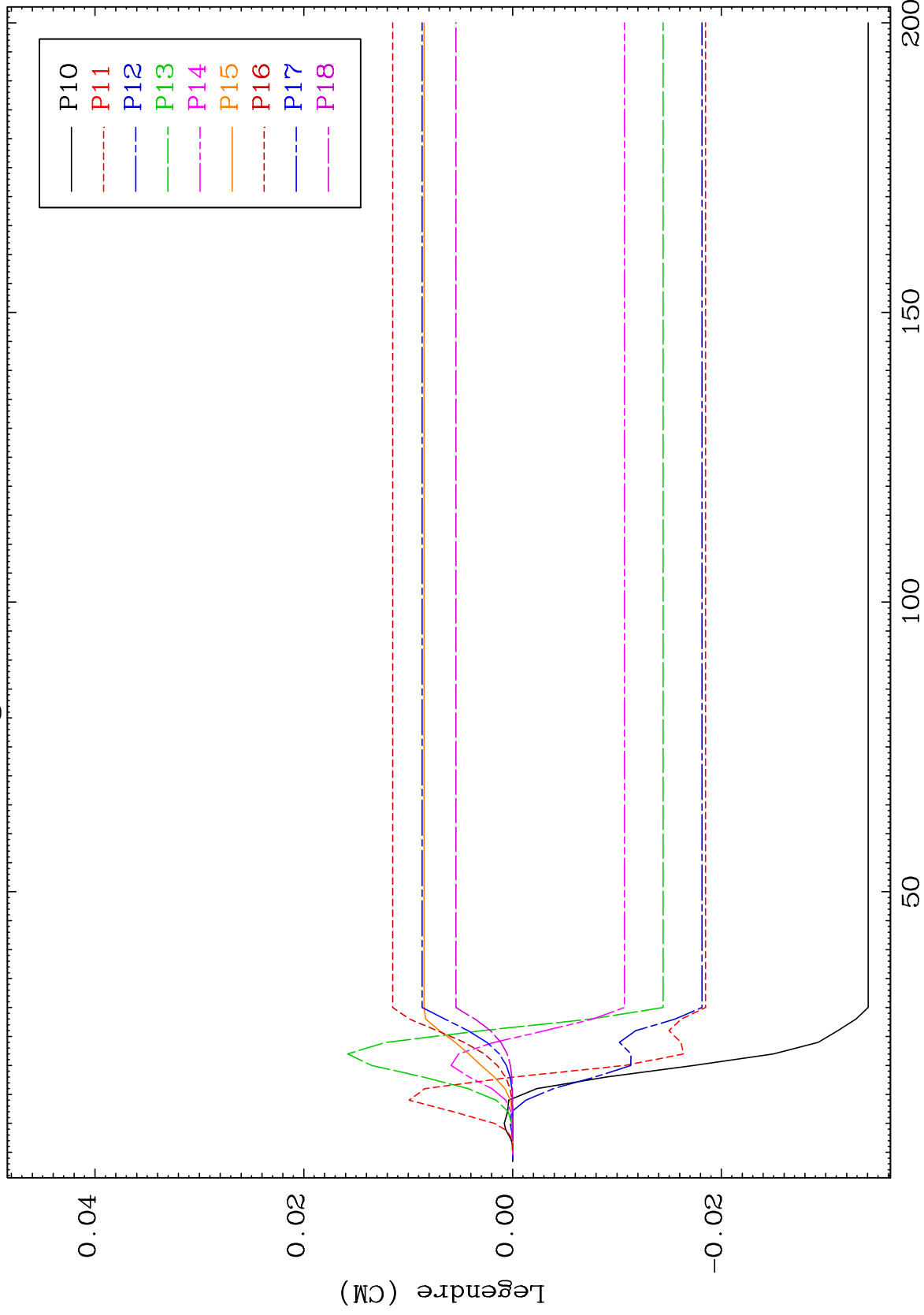
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



96

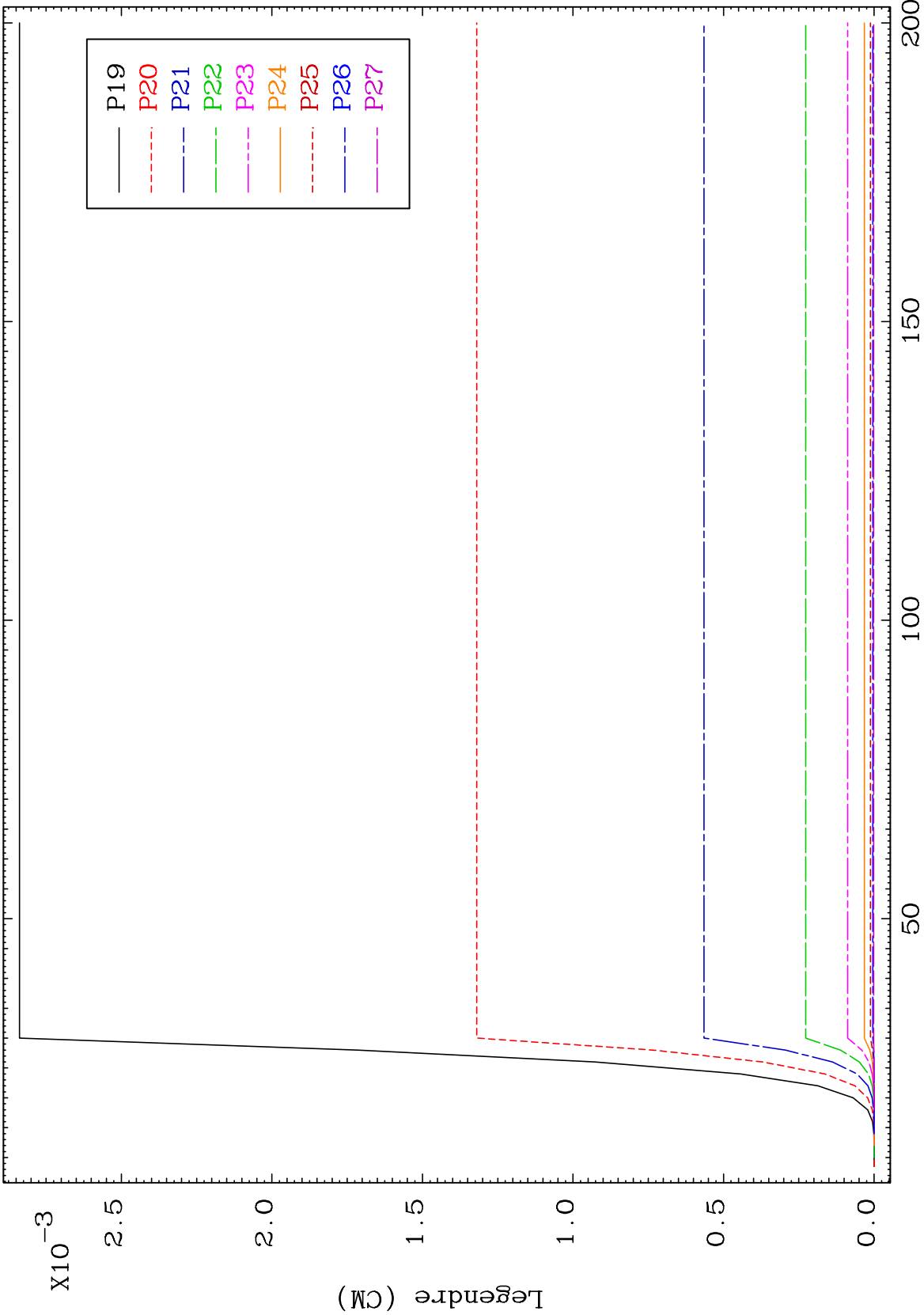
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



97

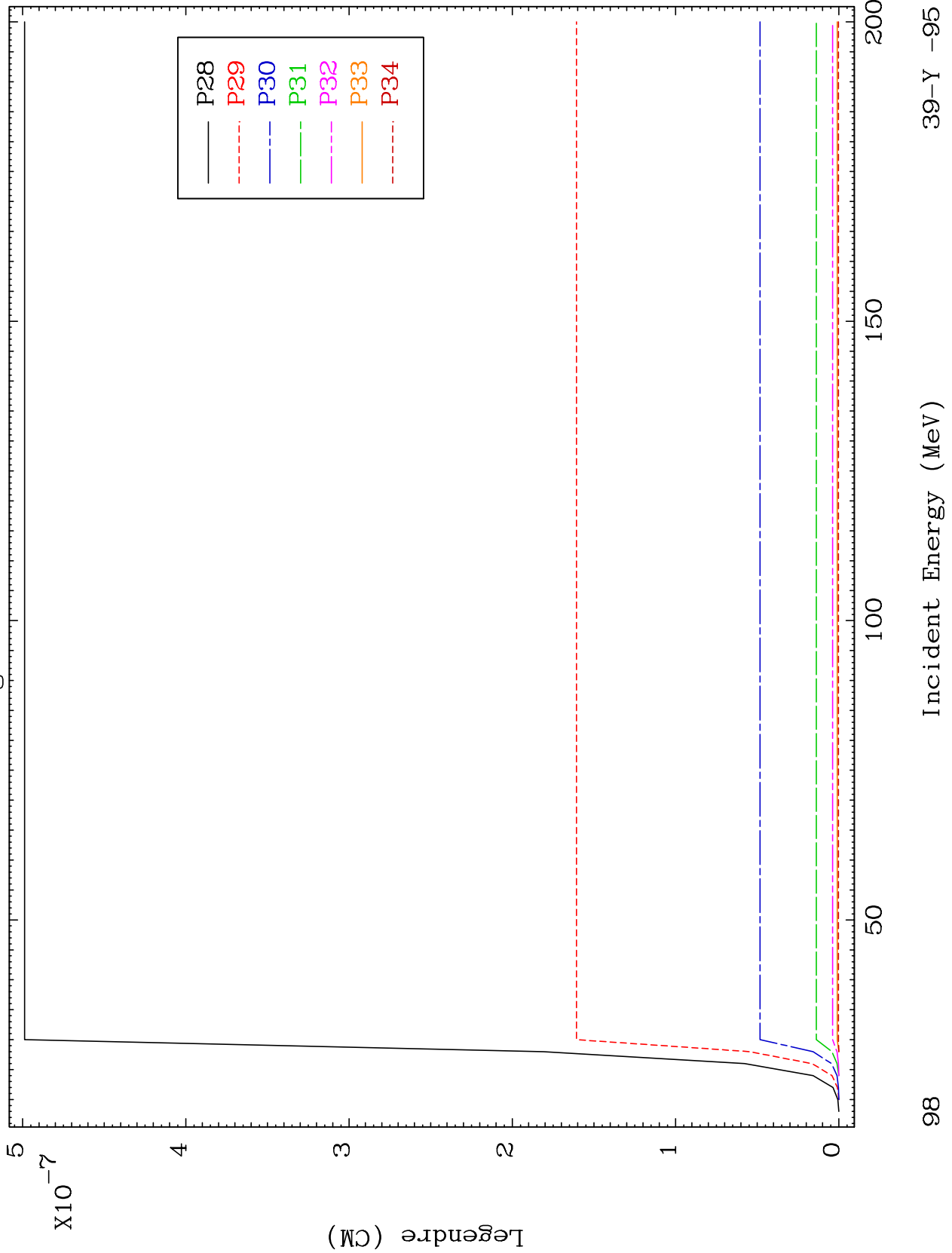
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



98

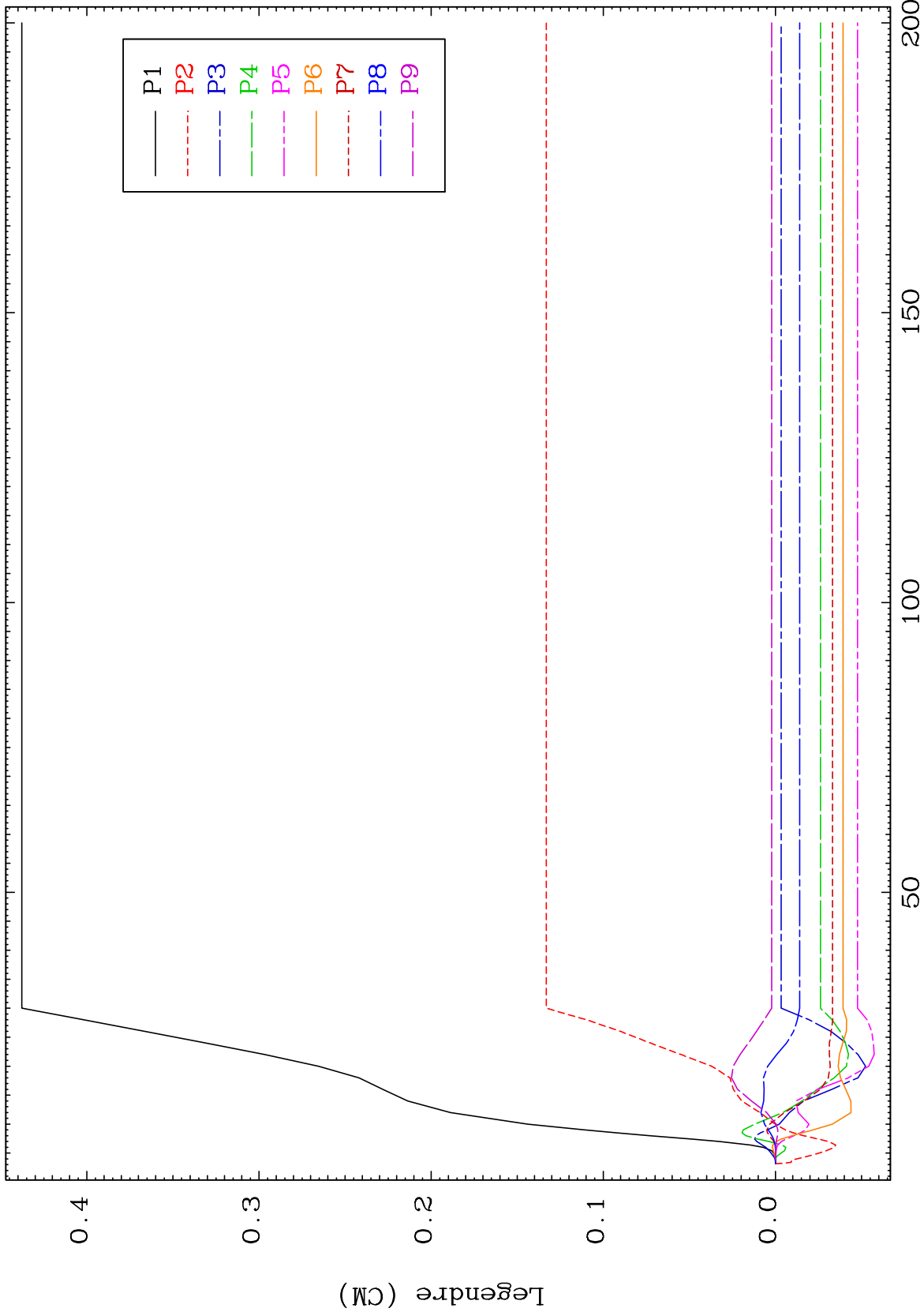
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



99

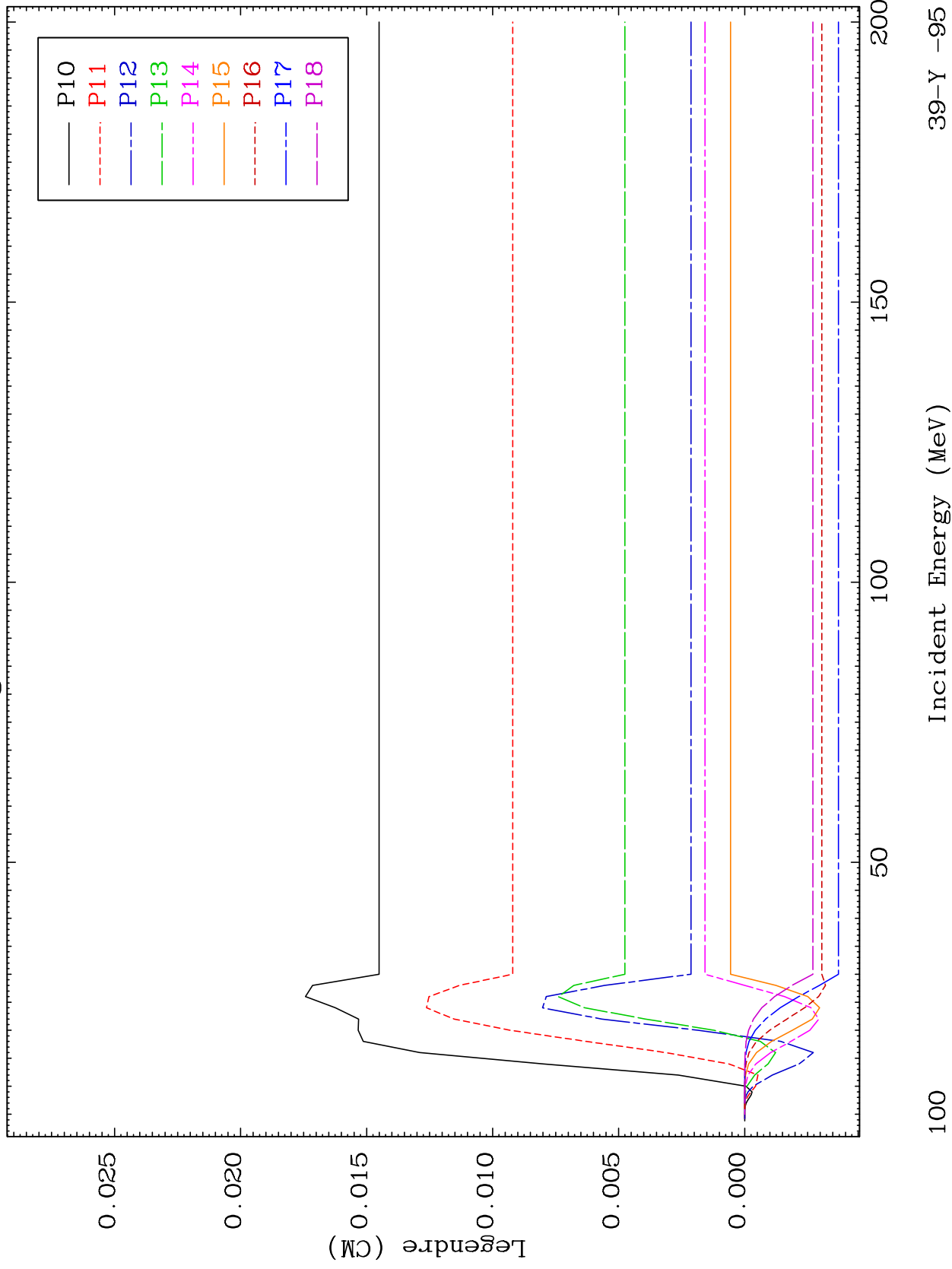
Incident Energy (MeV)

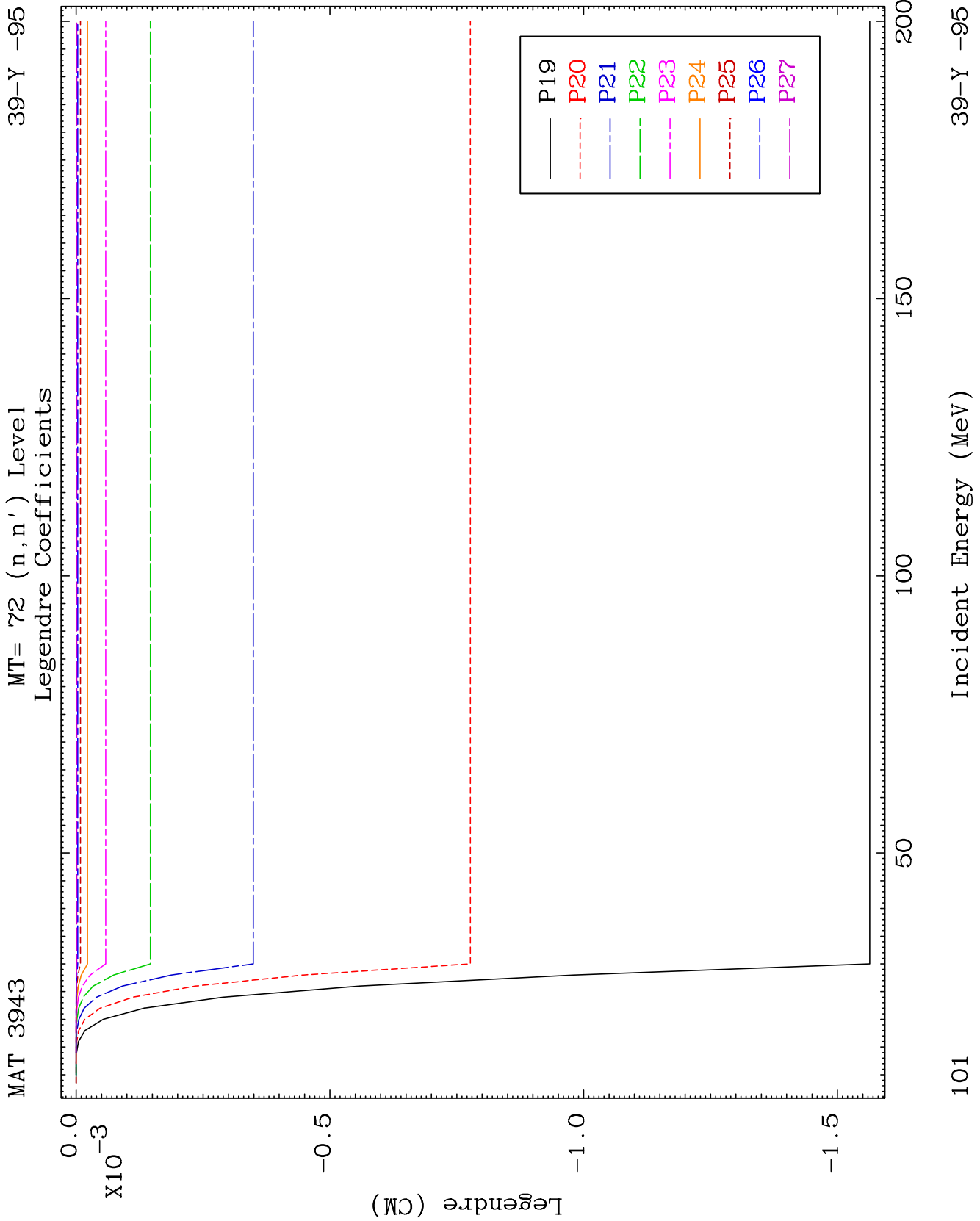
39-Y -95

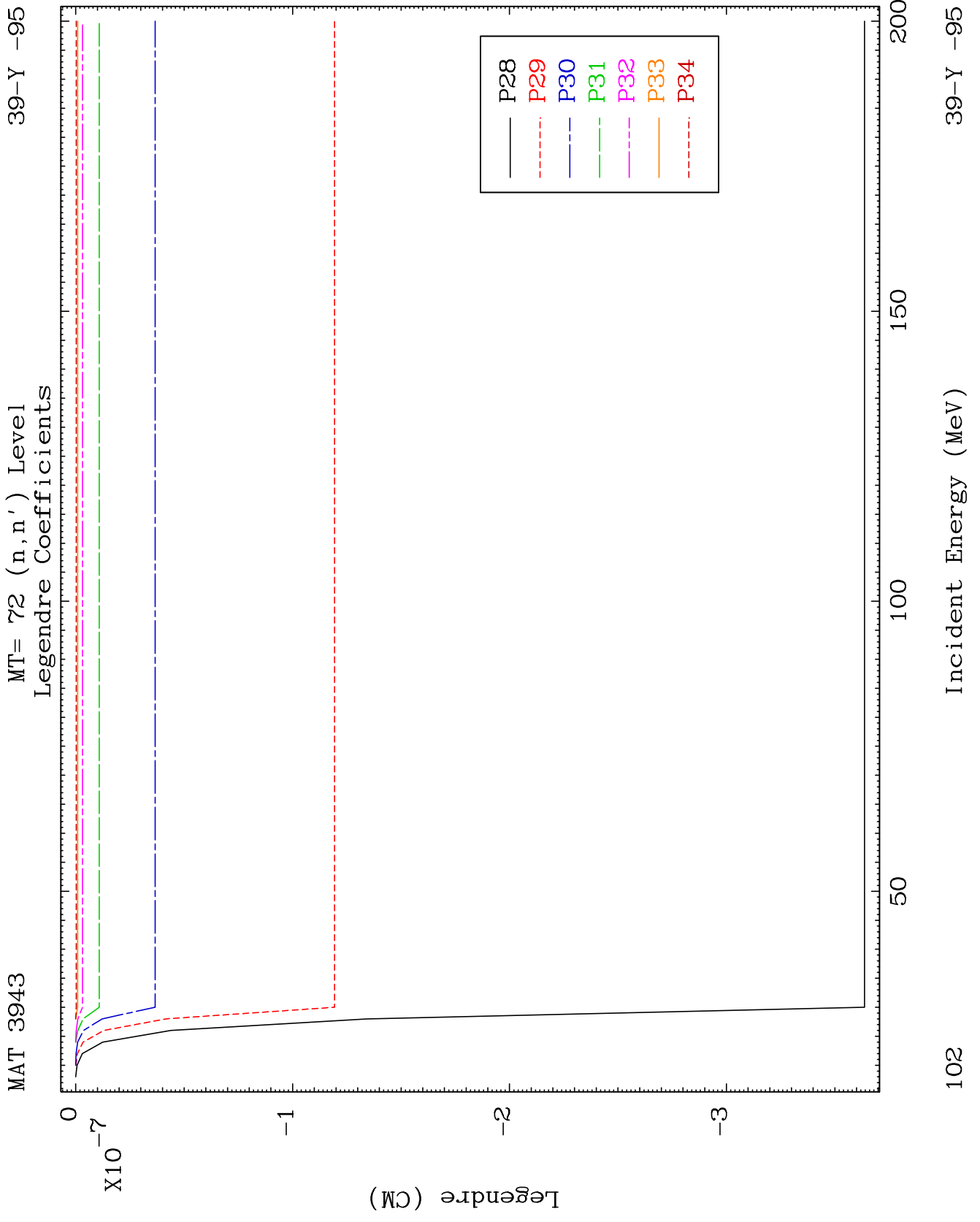
MAT 3943

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

39-Y -95



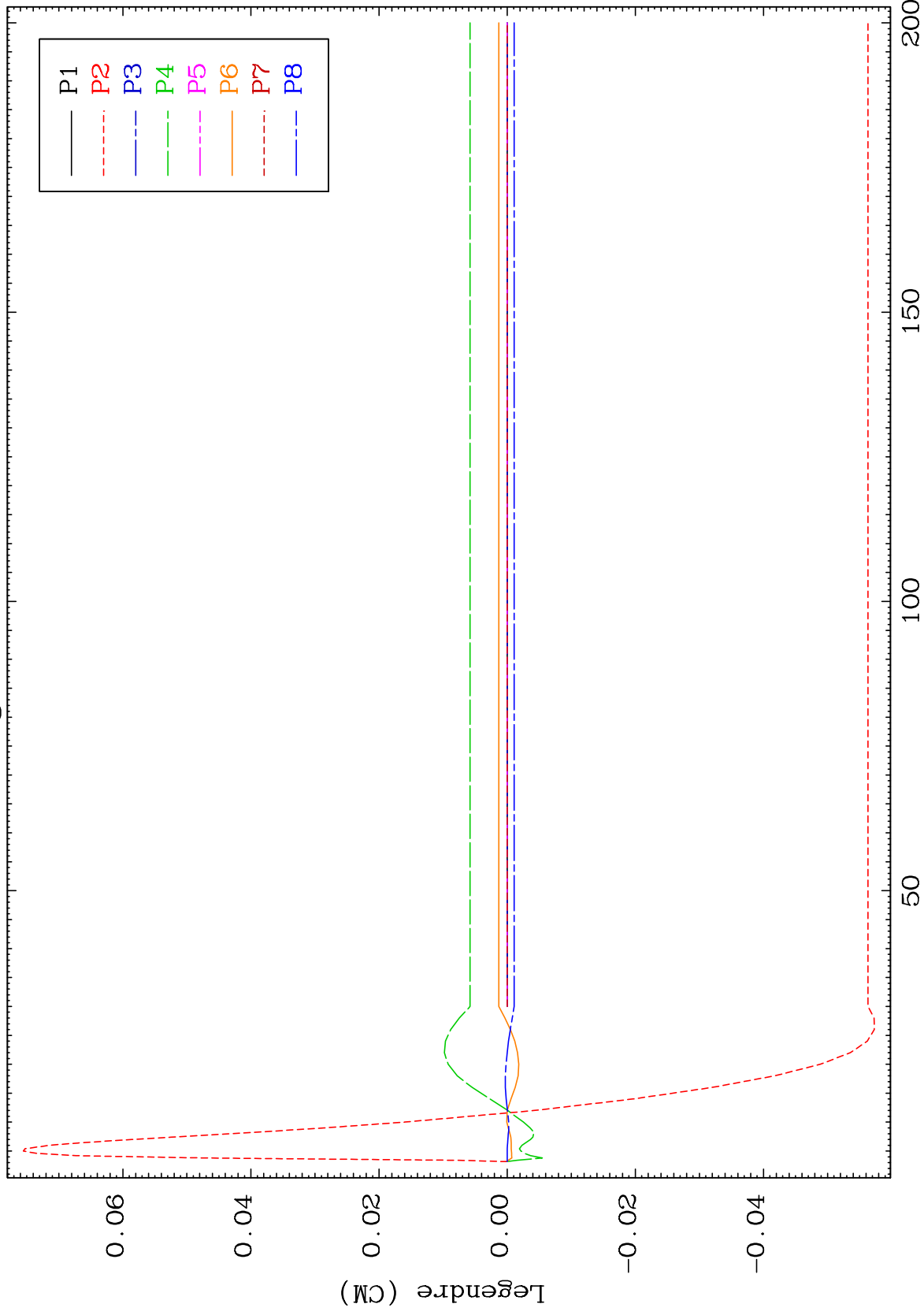




MAT 3943

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

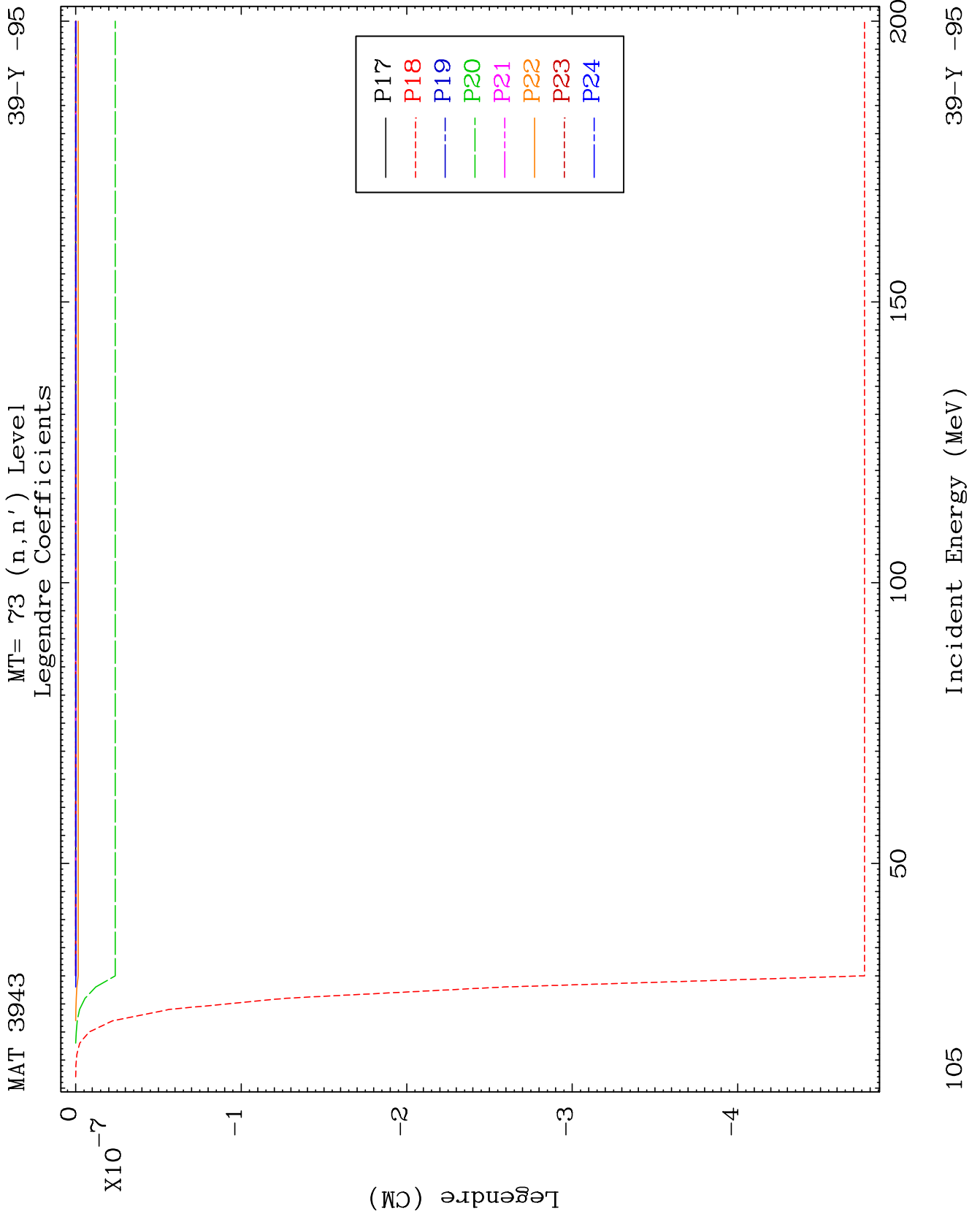
39-Y -95



103

Incident Energy (MeV)

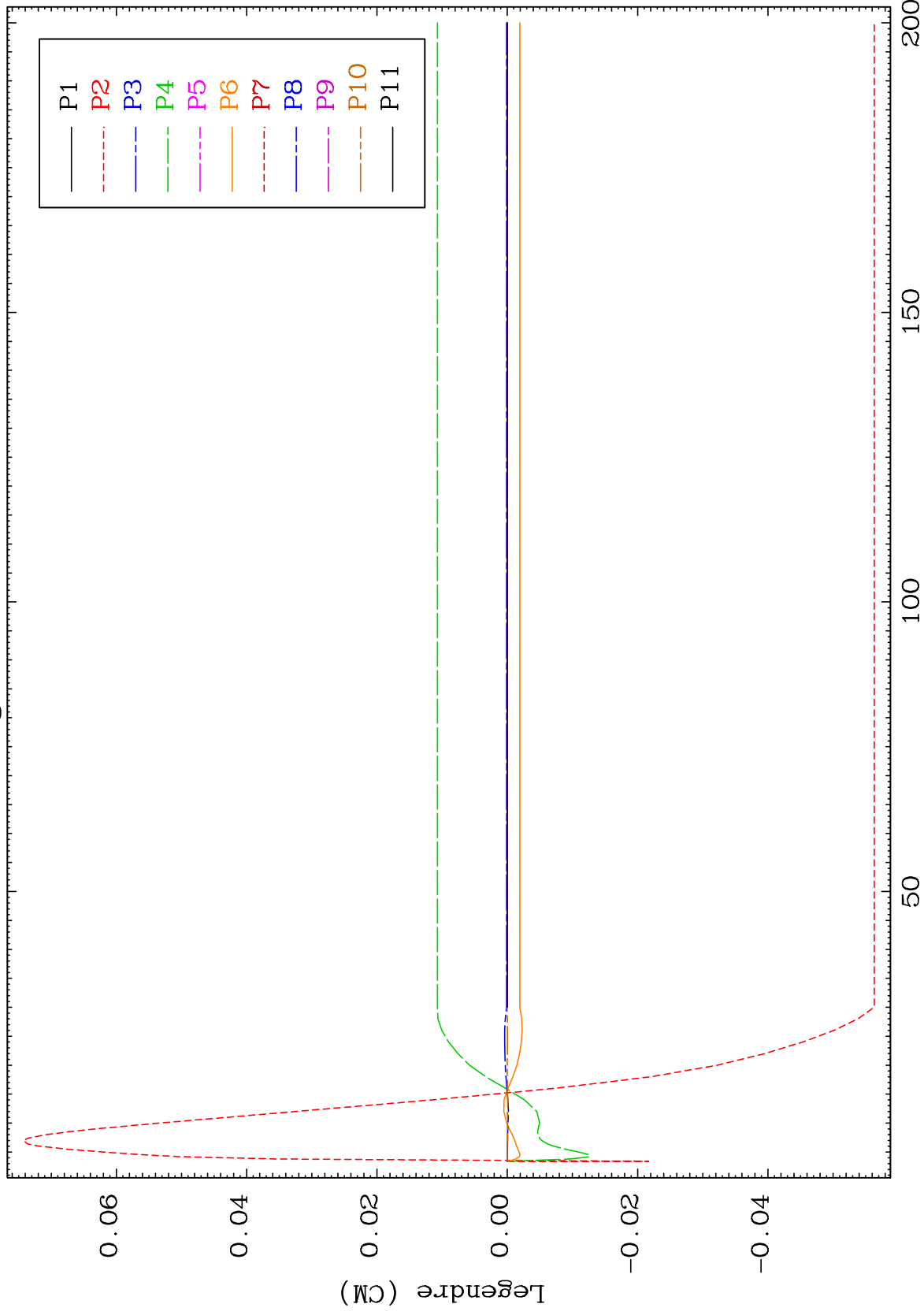
39-Y -95



MAT 3943

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

39-Y -95



106

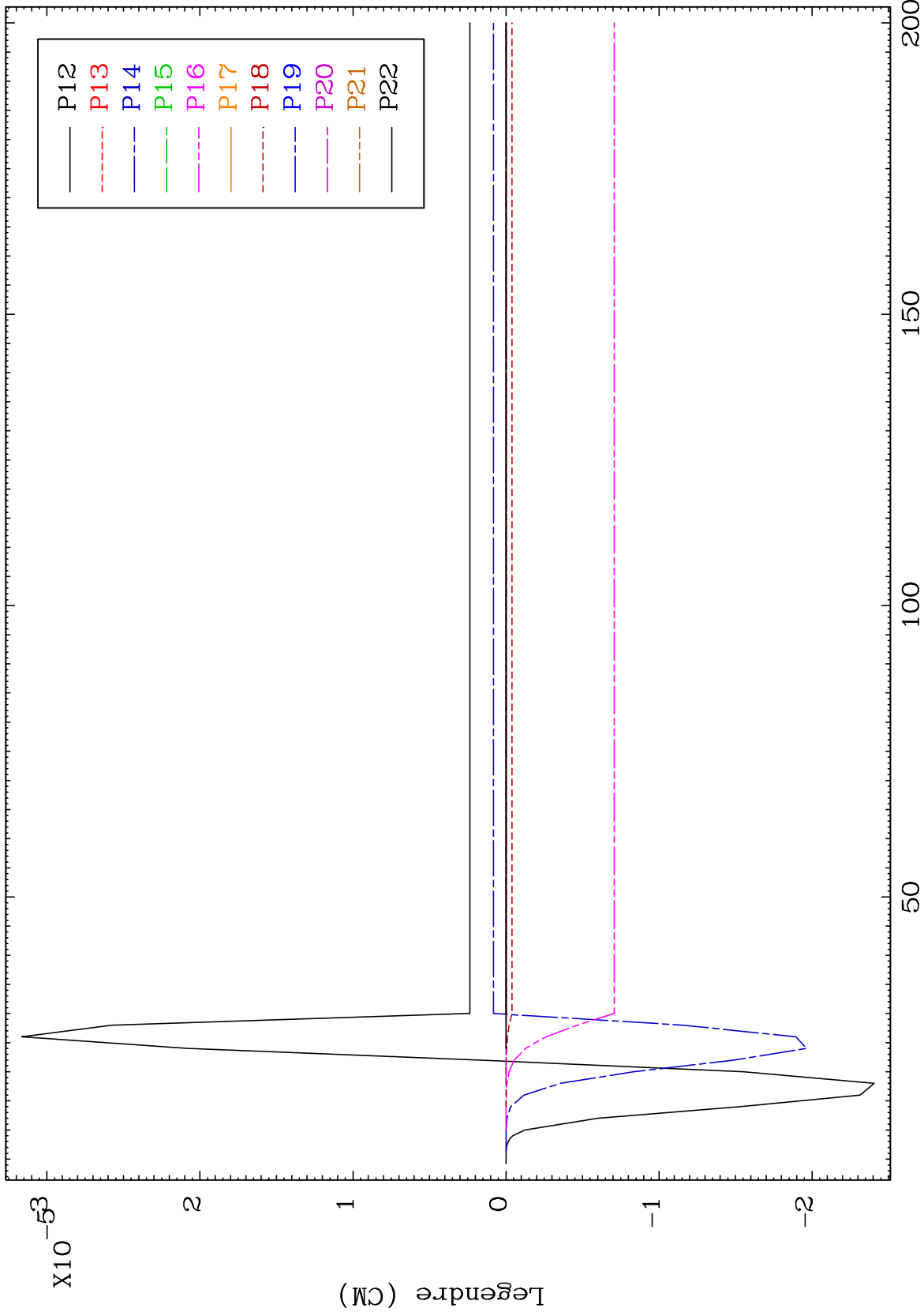
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



107

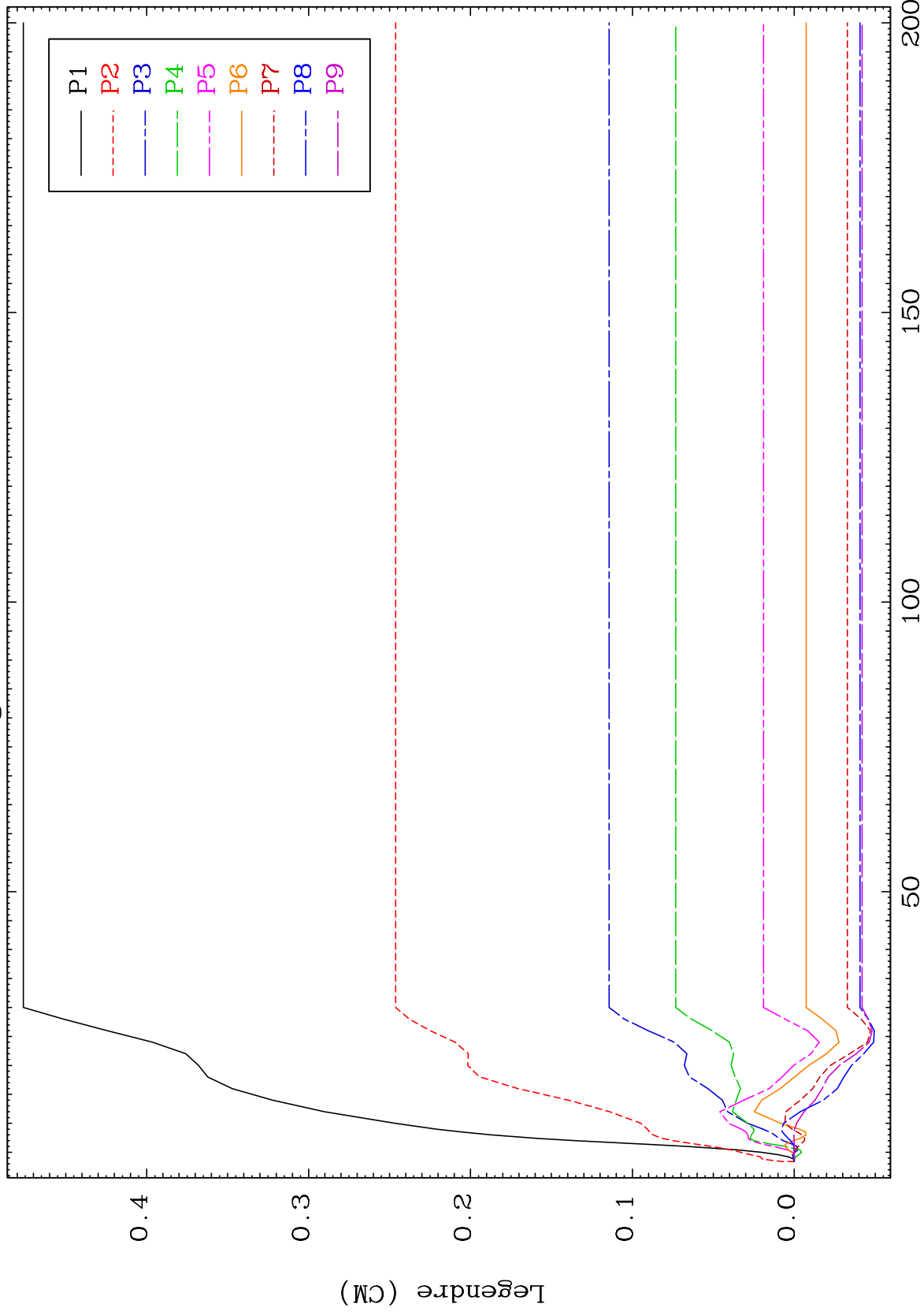
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



108

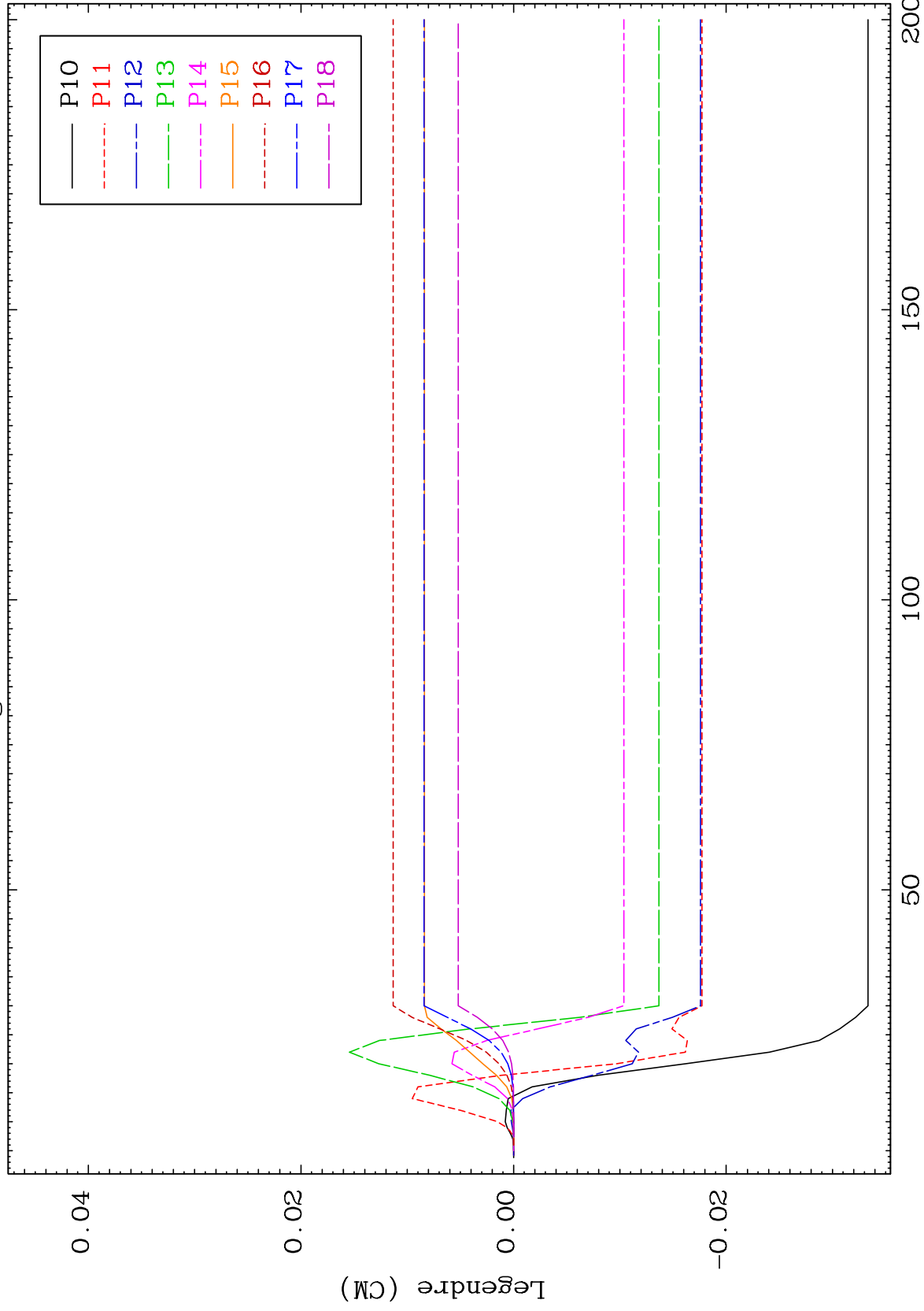
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



109

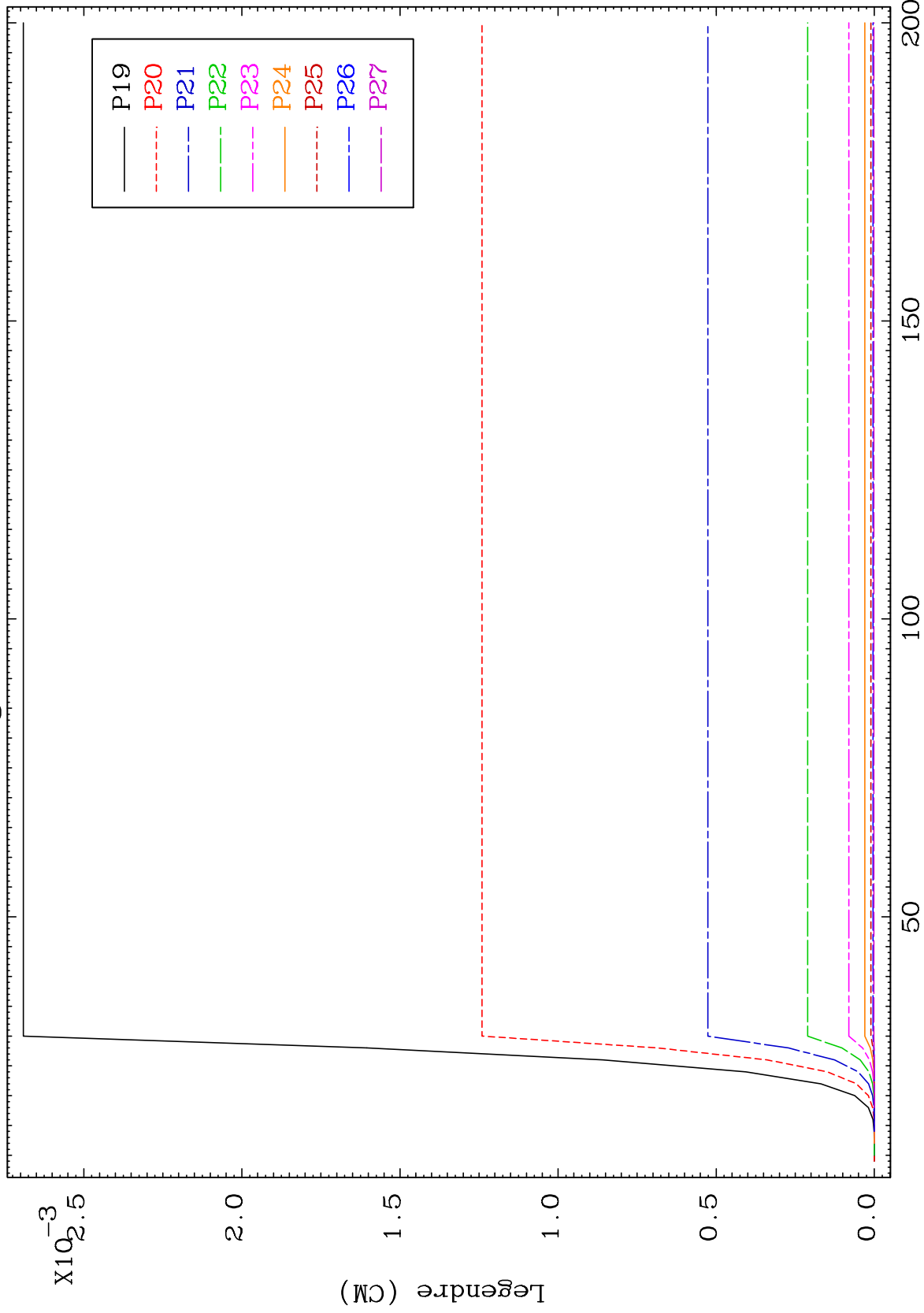
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



110

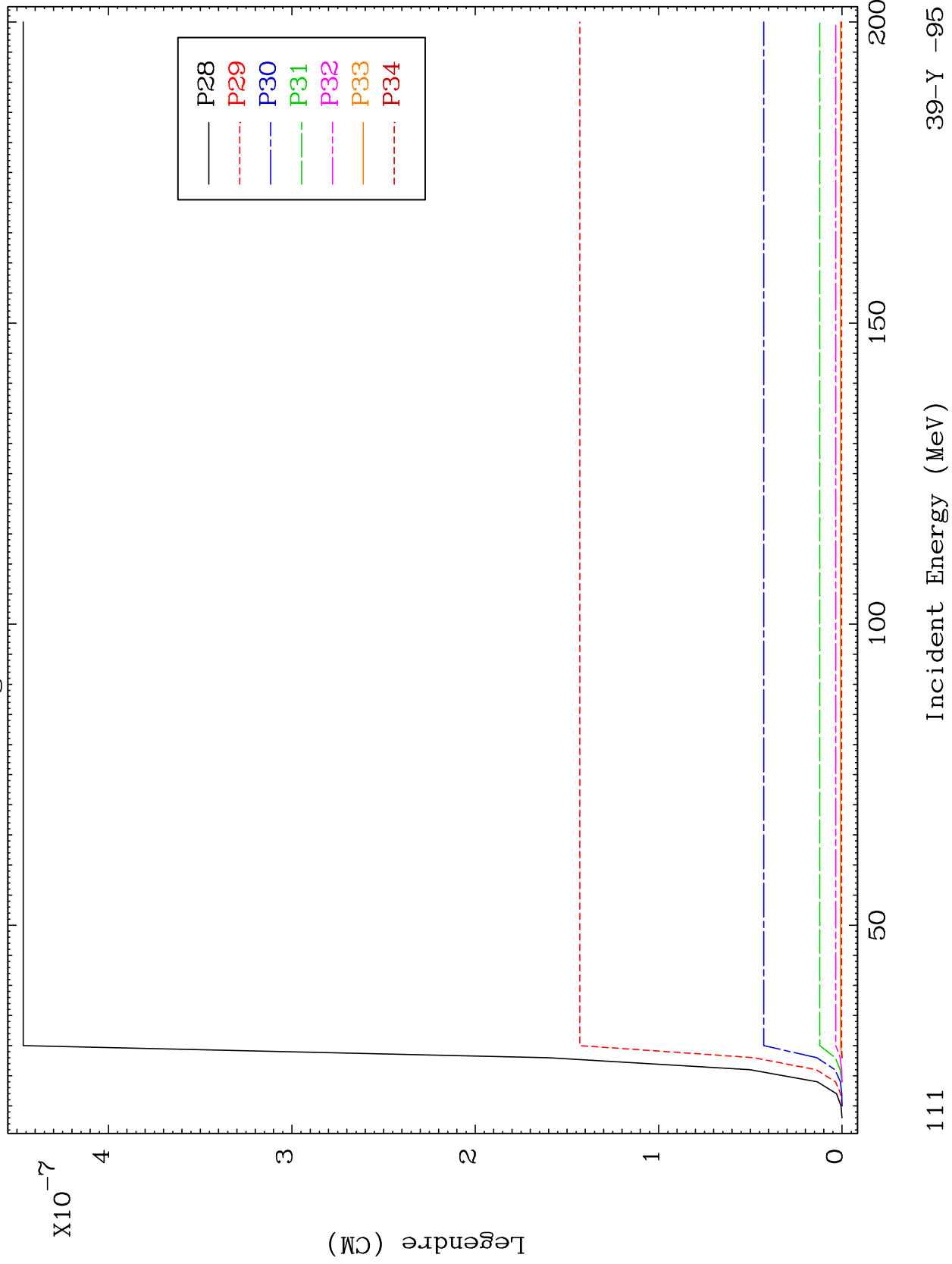
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



111

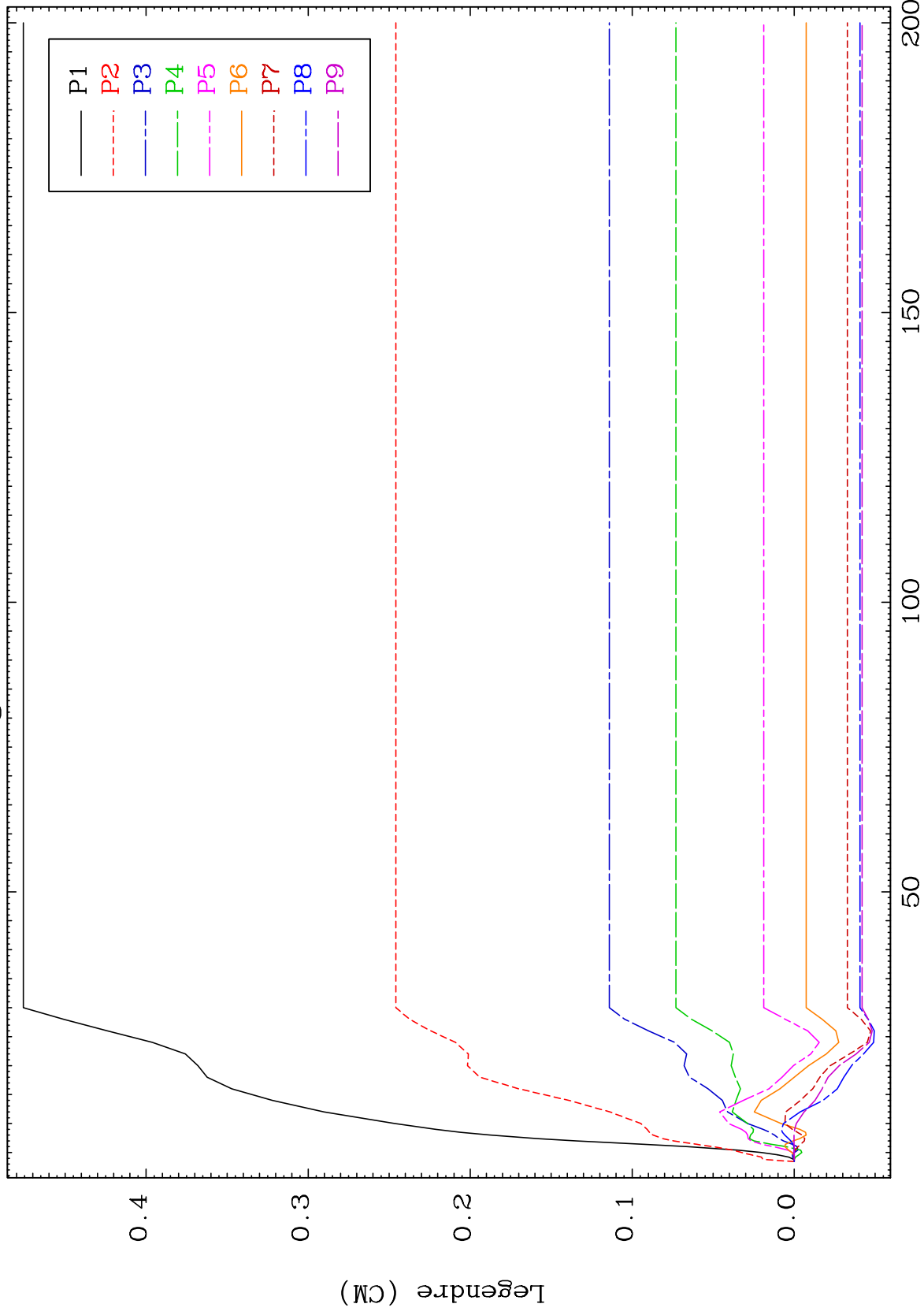
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



112

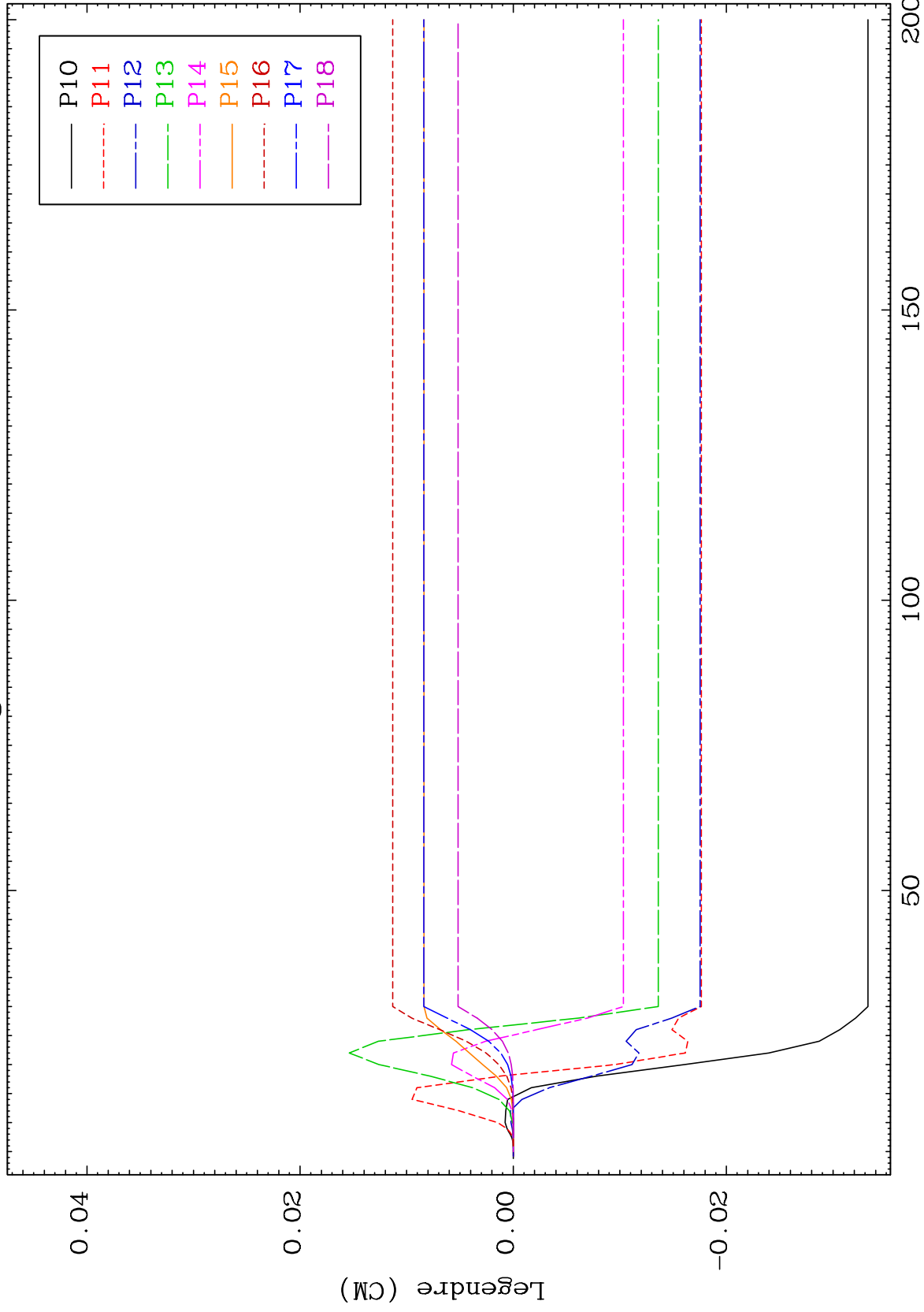
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



113

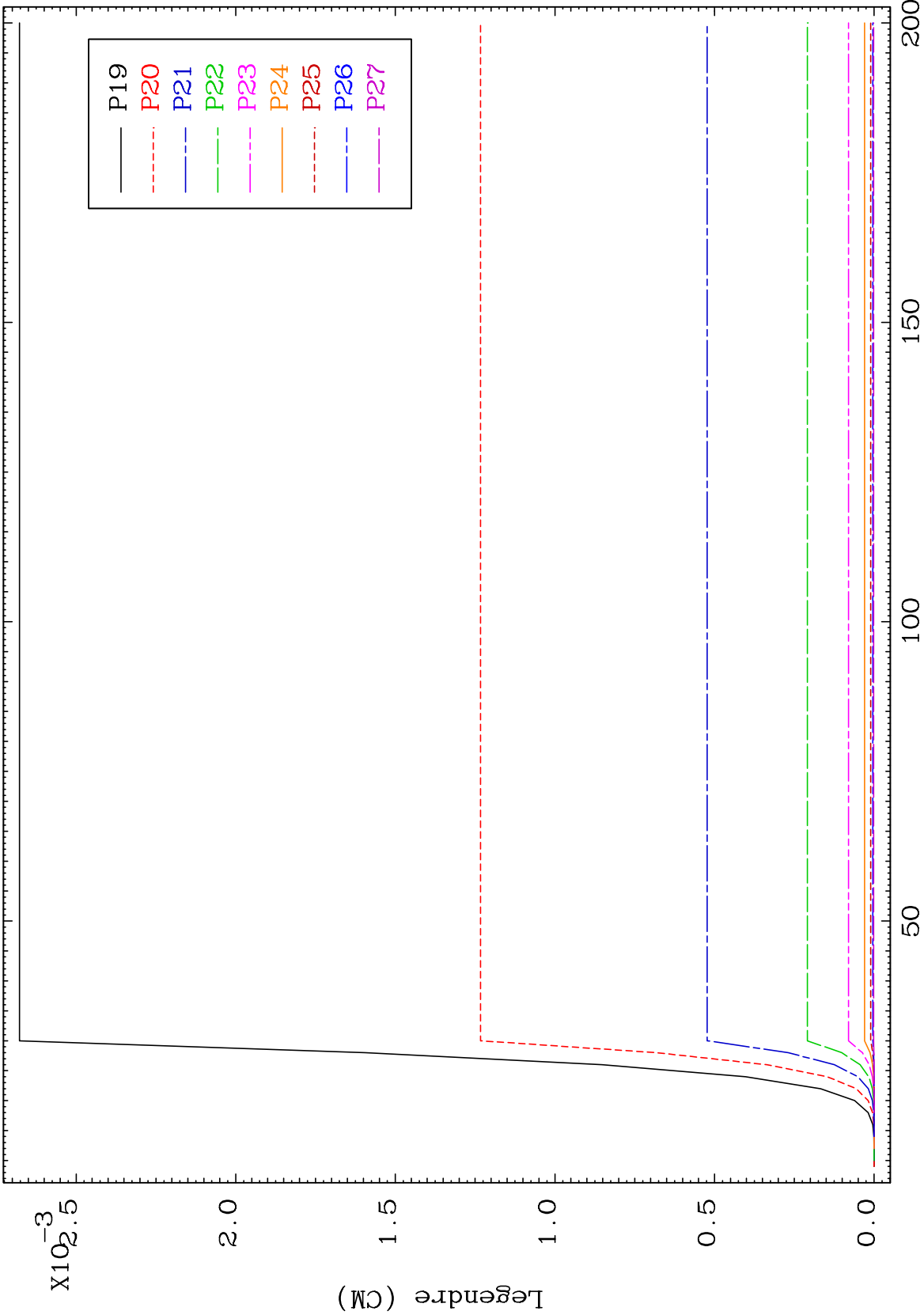
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



114

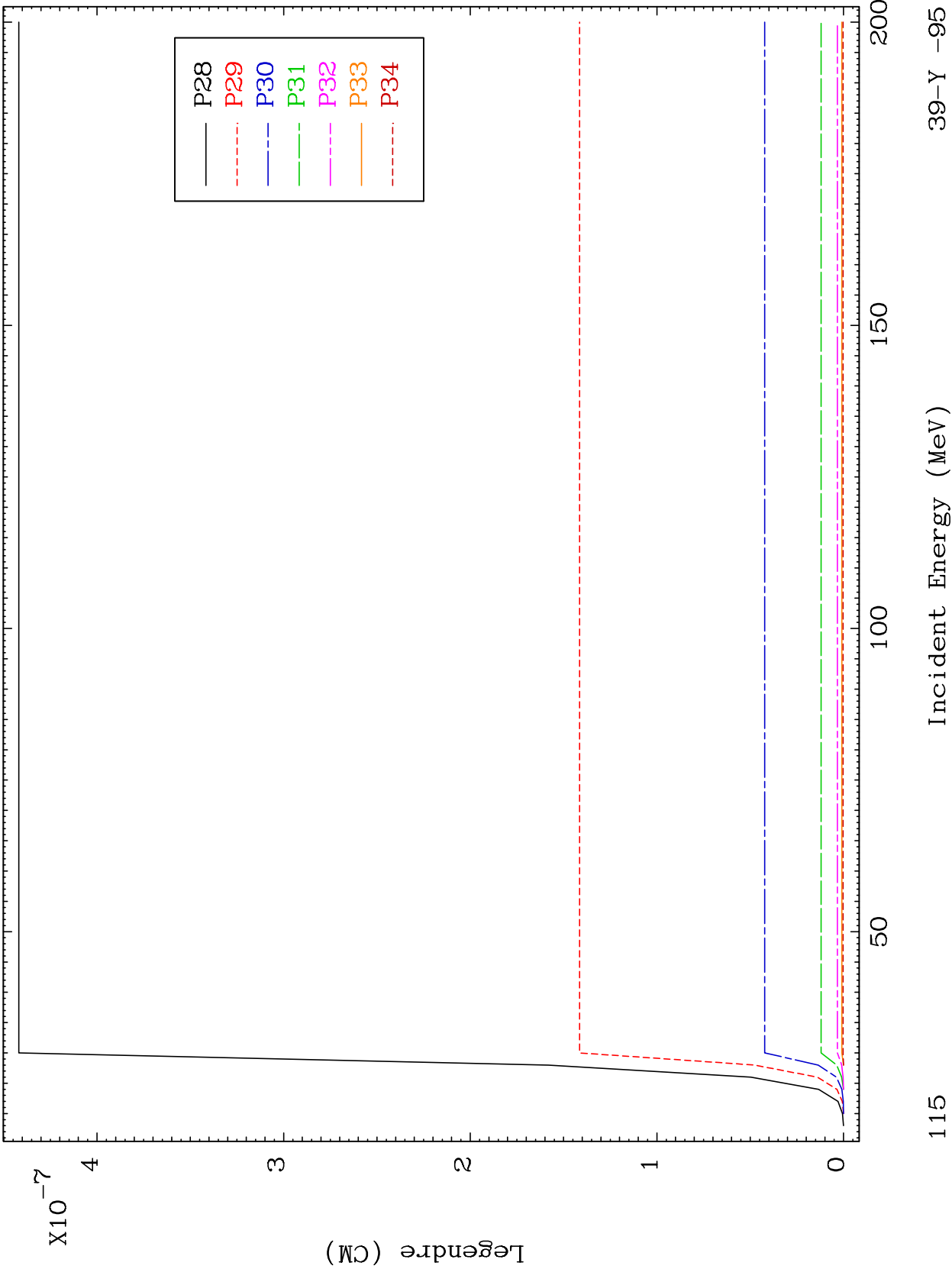
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



115

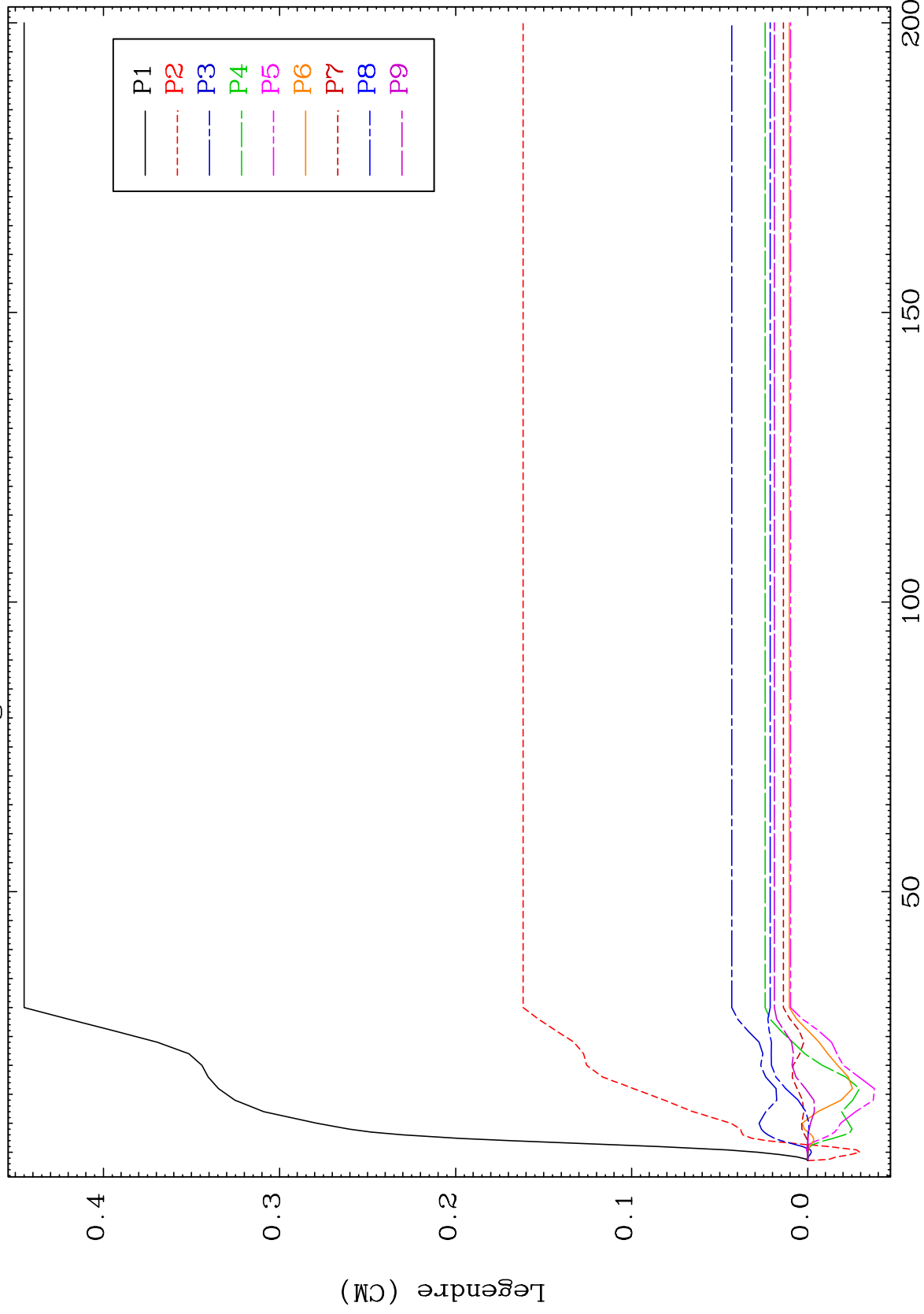
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



116

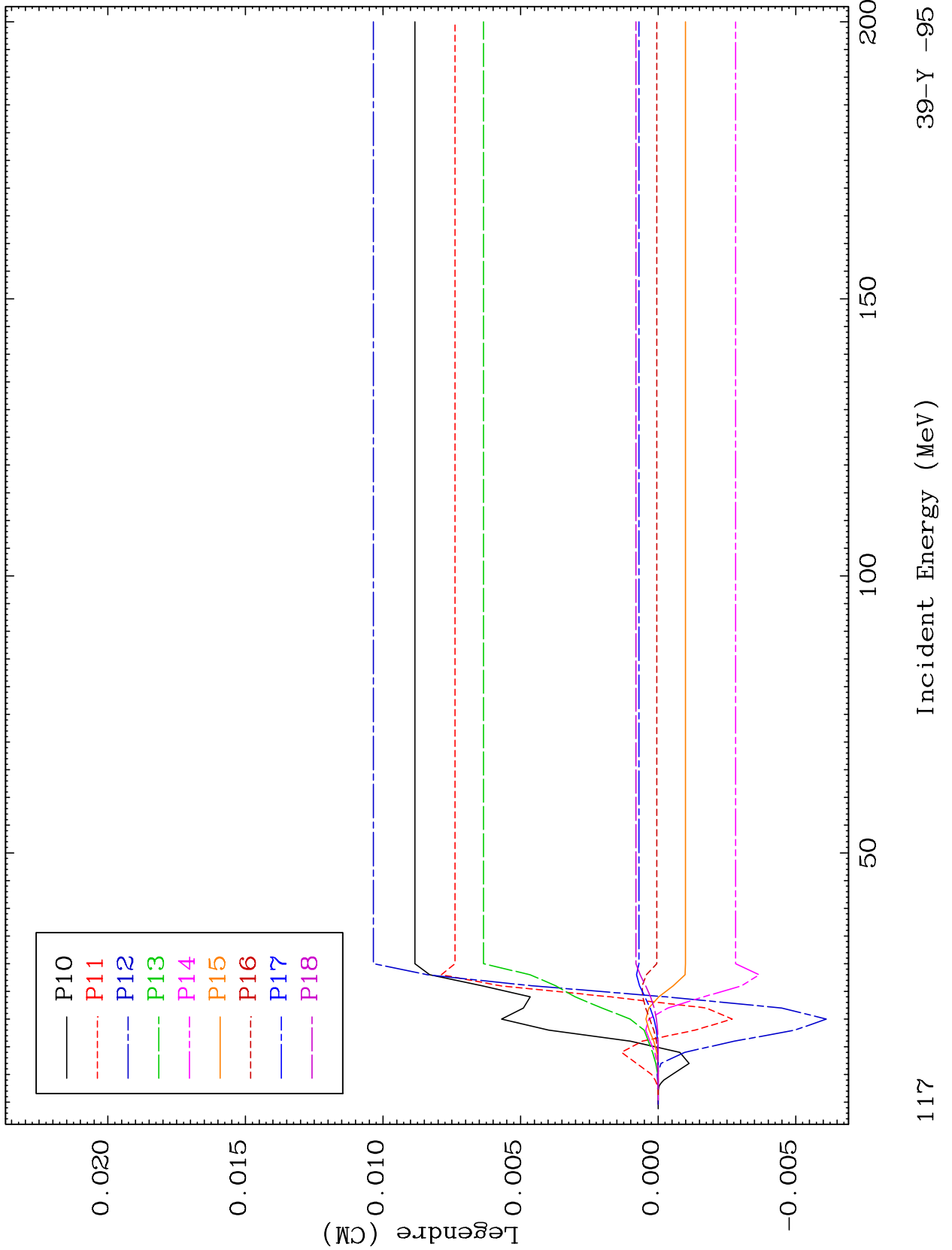
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



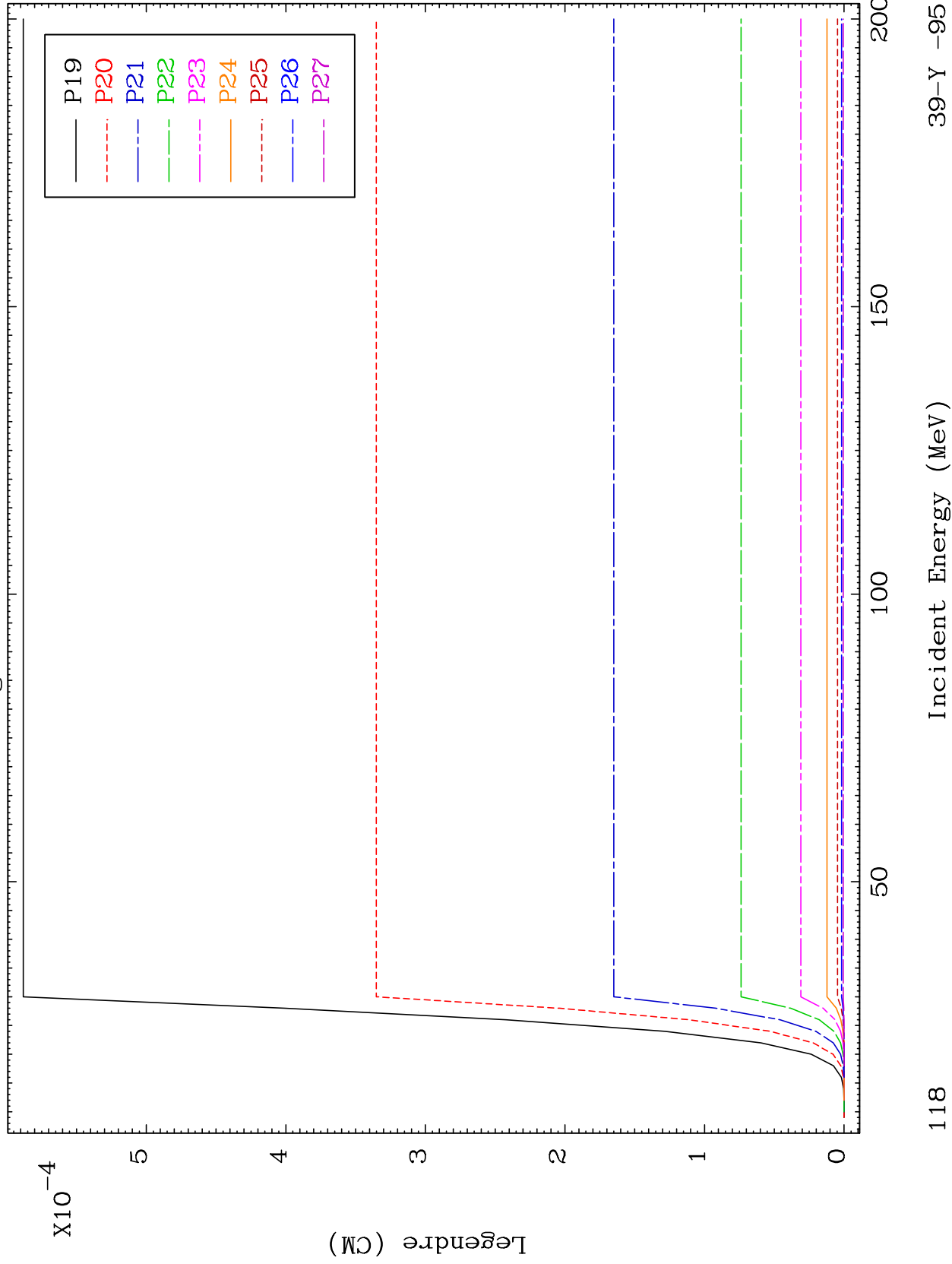
117

39-Y -95

MAT 3943

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

39-Y -95



118

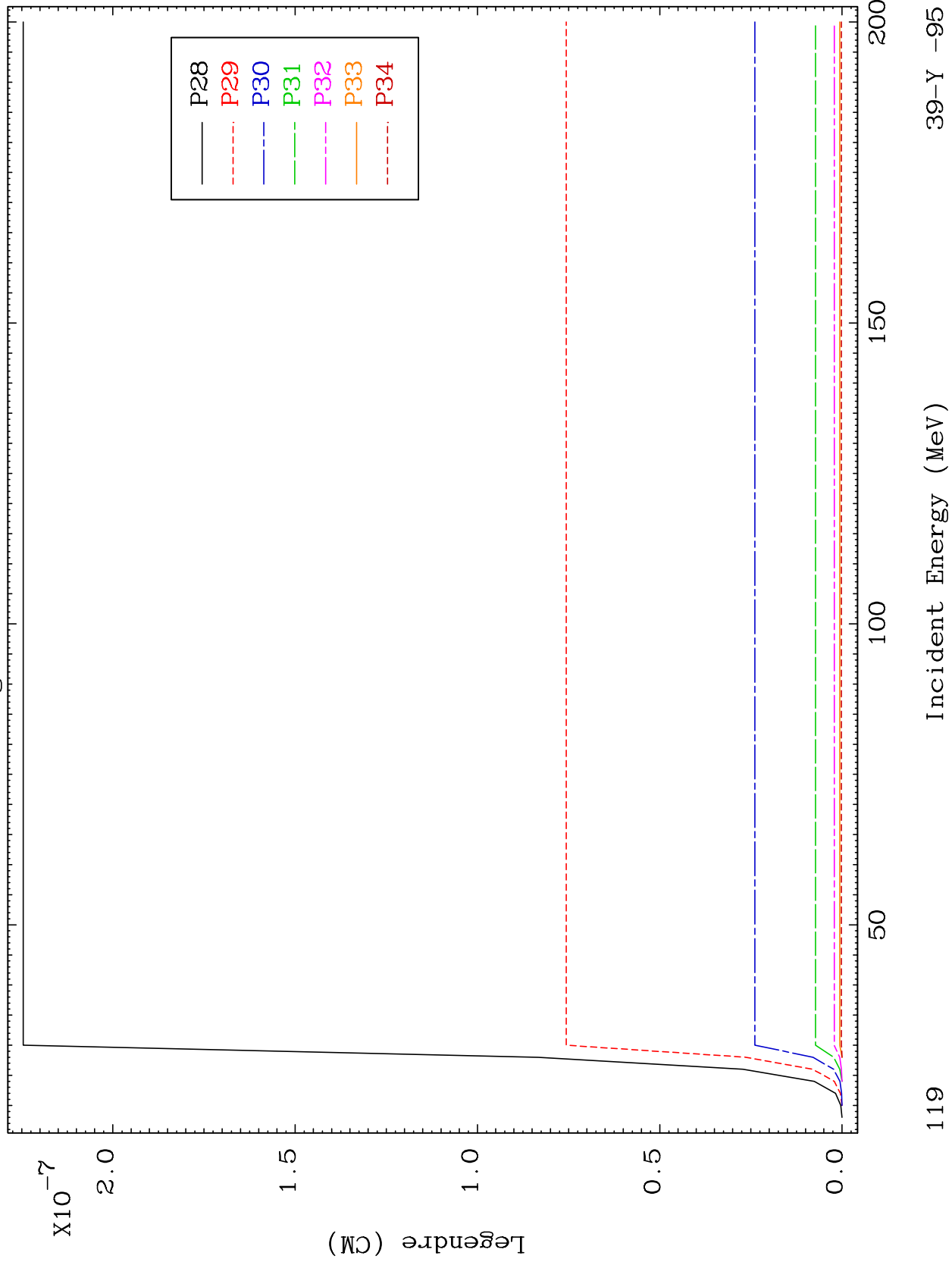
Incident Energy (MeV)

39-Y -95

MAT 3943

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

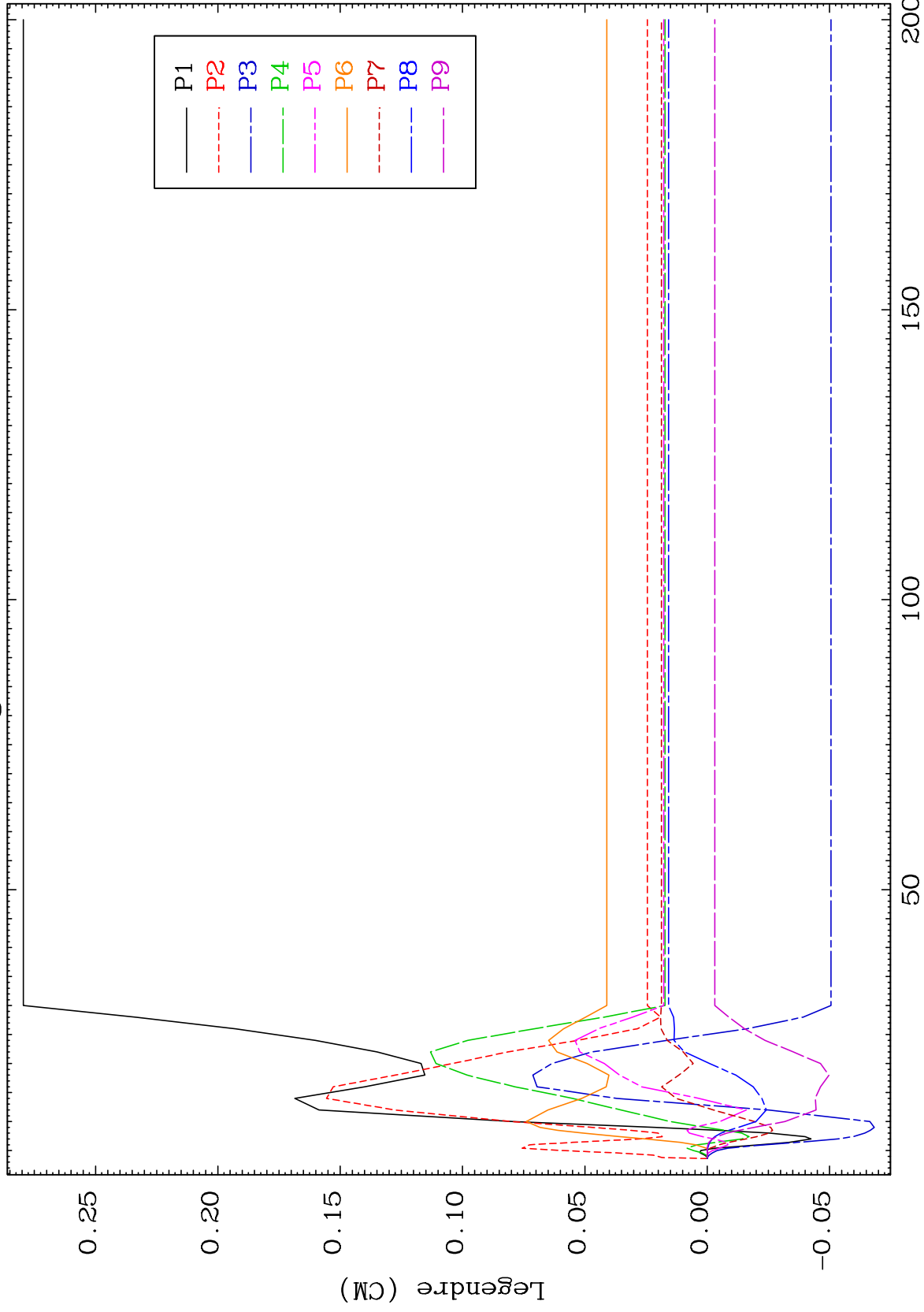
39-Y -95



MAT 3943

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

39-Y -95



120

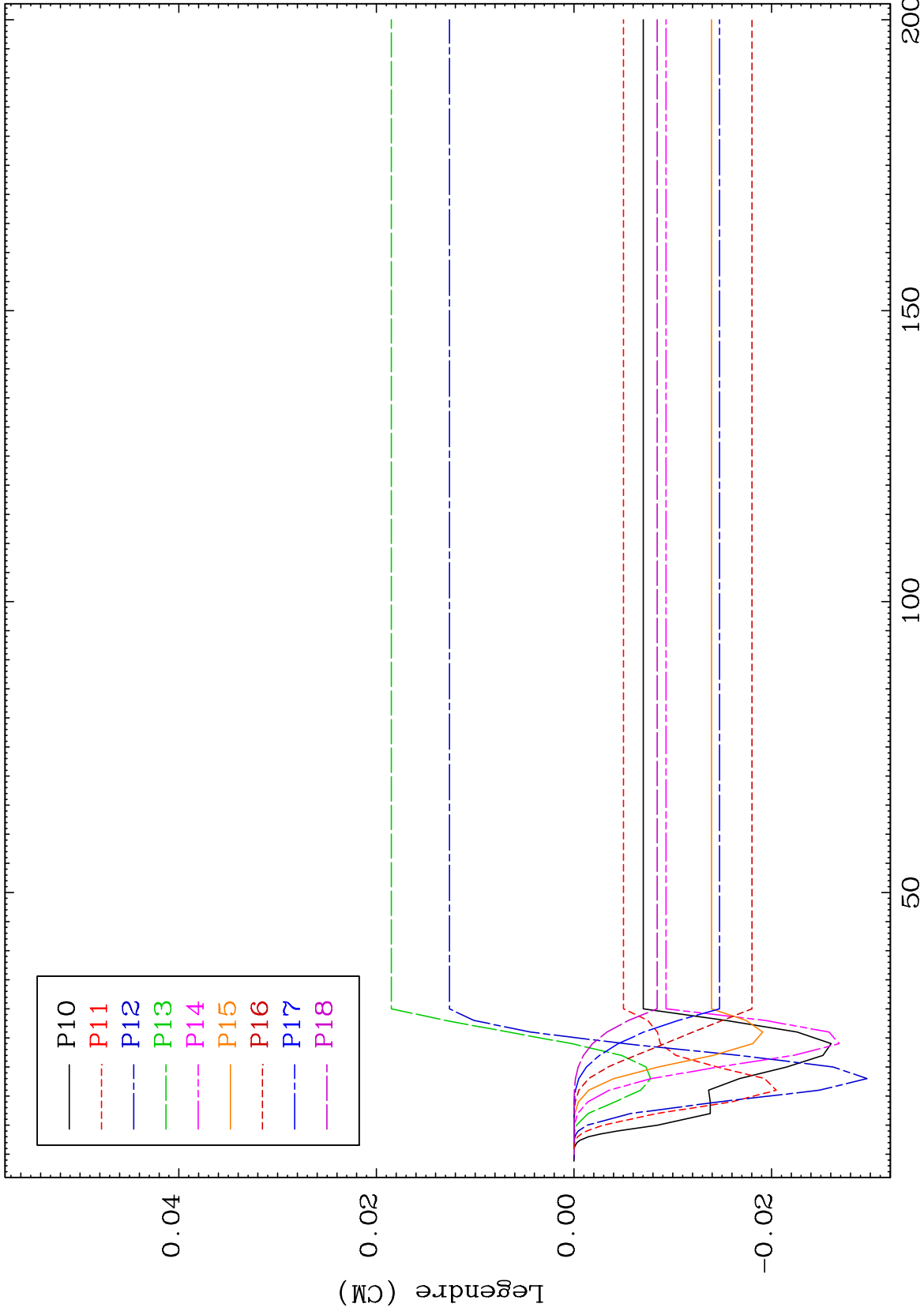
Incident Energy (MeV)

39-Y -95

MAT 3943

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

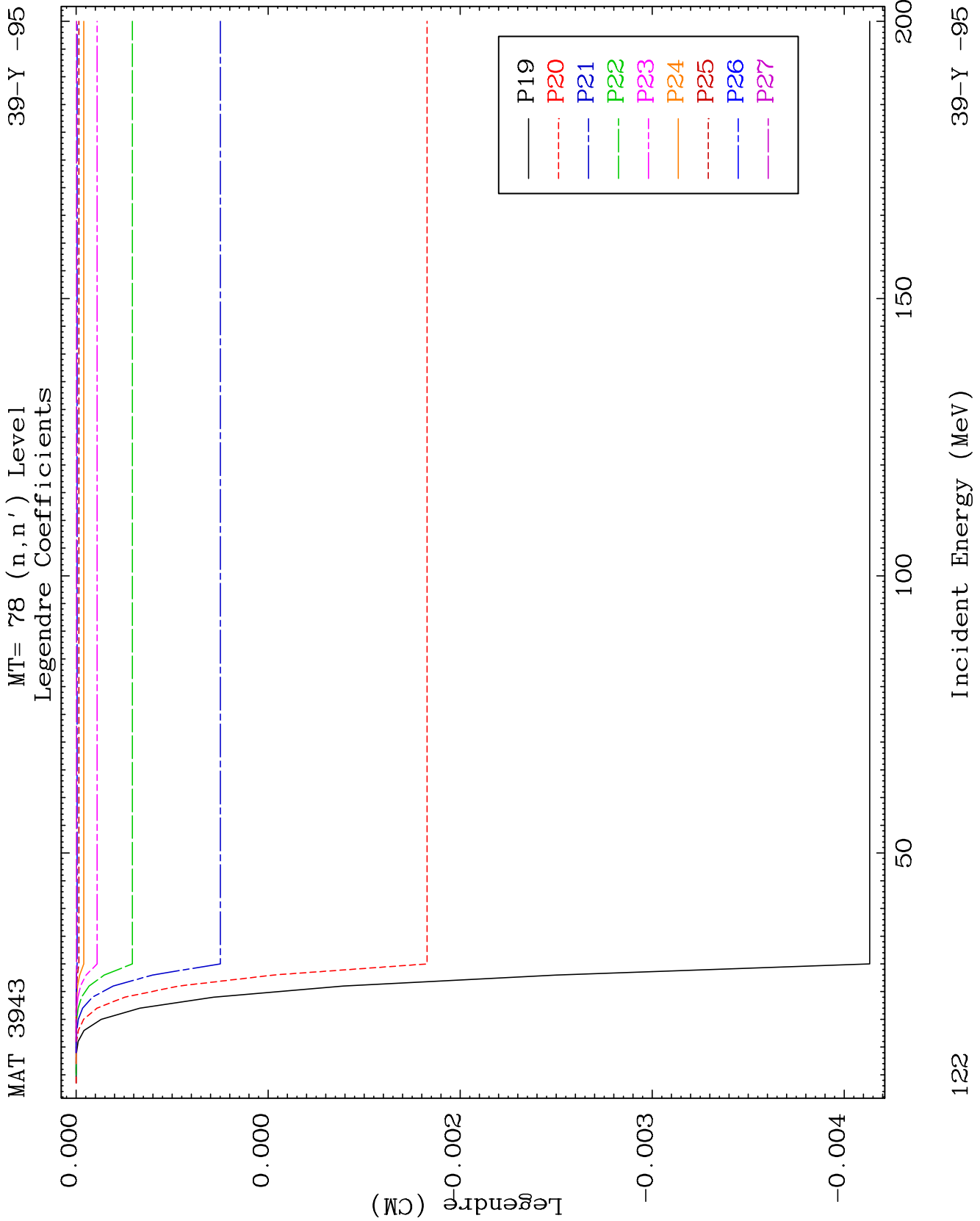
39-Y -95

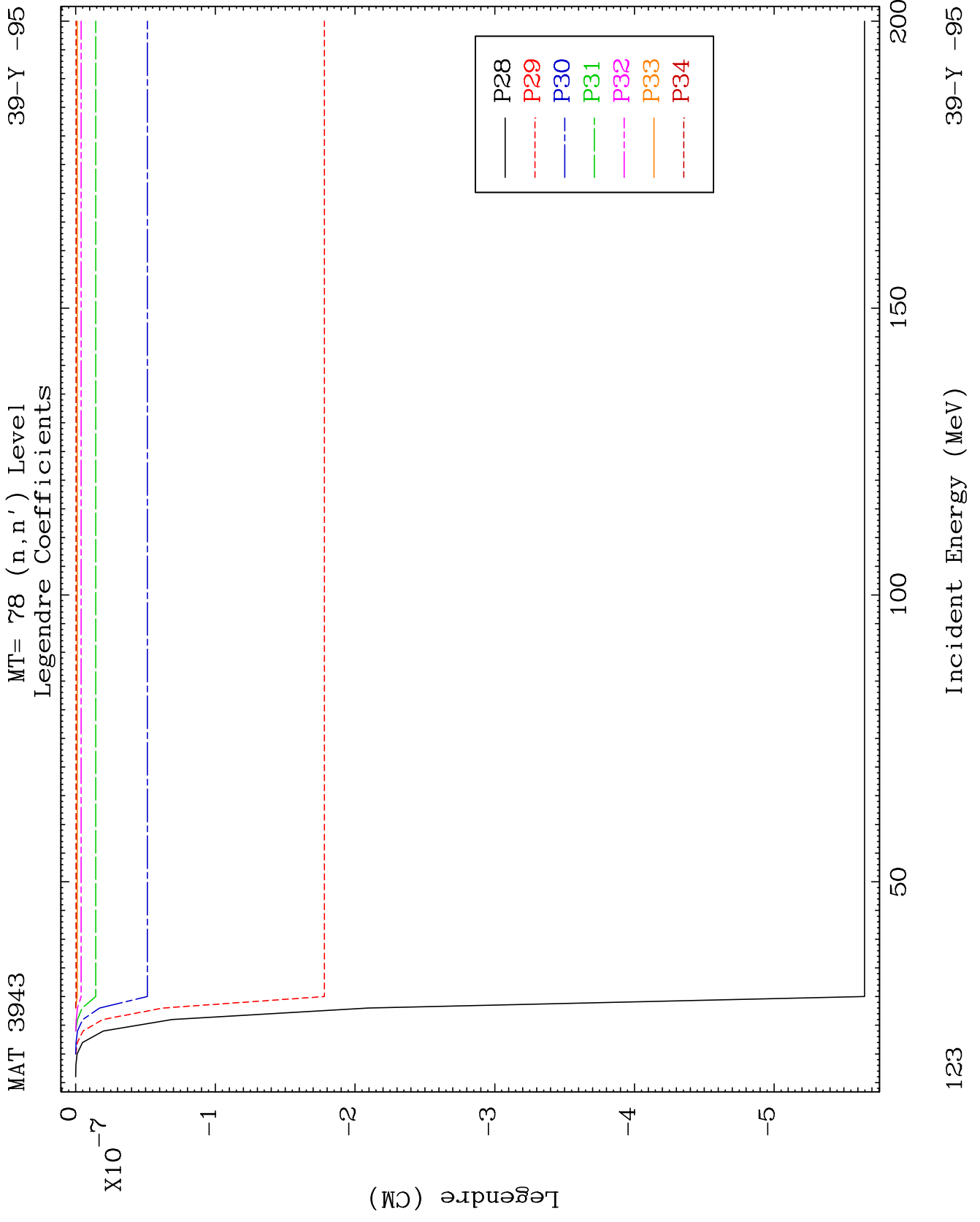


121

Incident Energy (MeV)

39-Y -95

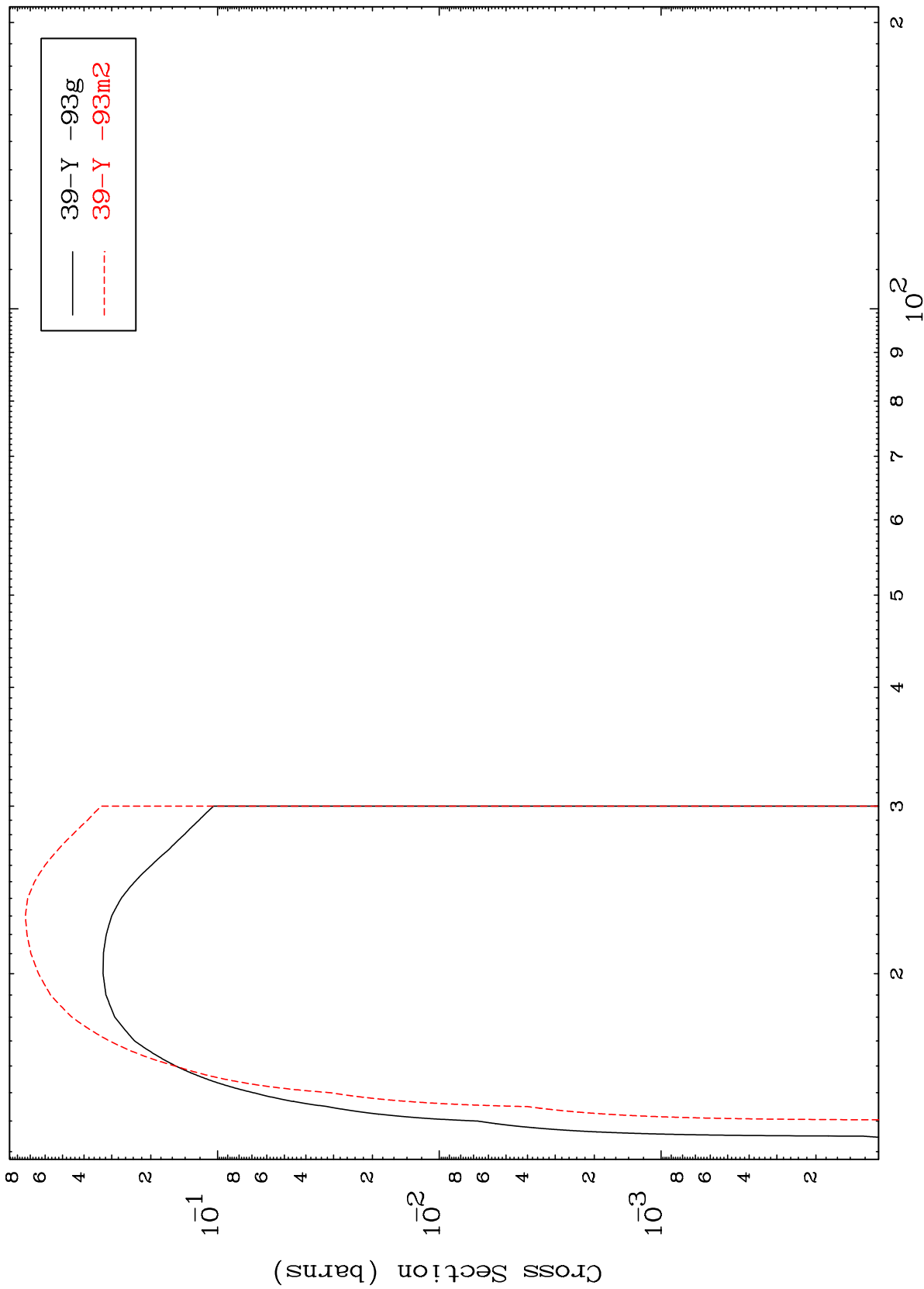




MAT 3943

39-Y -95

(n,3n)
Radionuclide Production Cross Section



39-Y -93g
39-Y -93m2

124

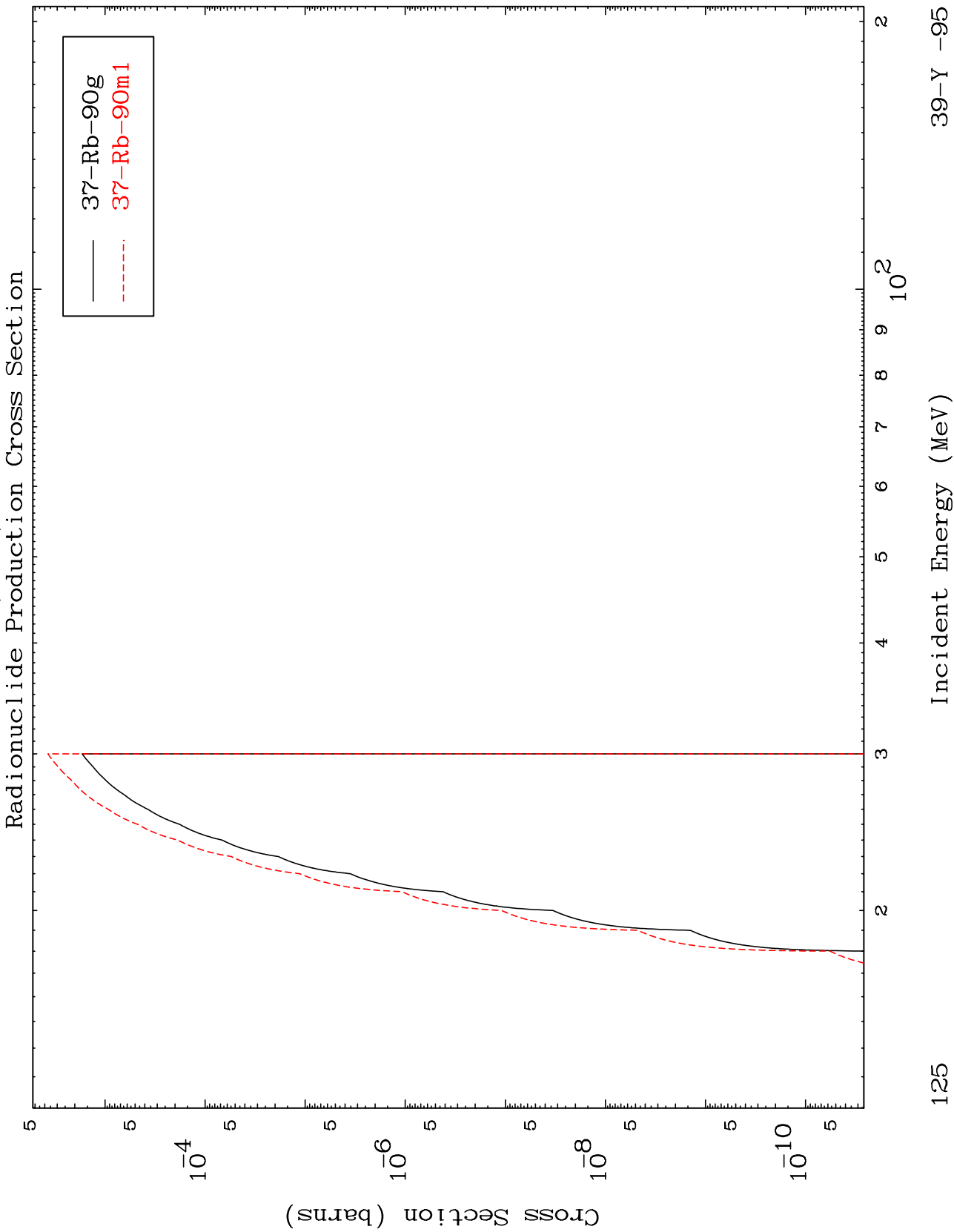
Incident Energy (MeV)

39-Y -95

MAT 3943

(n,2n) α

39-Y -95



125

Incident Energy (MeV)

39-Y -95

MAT 3943

39-Y -95

