

Program EVALPLOT  
(Version 2018-1)

by

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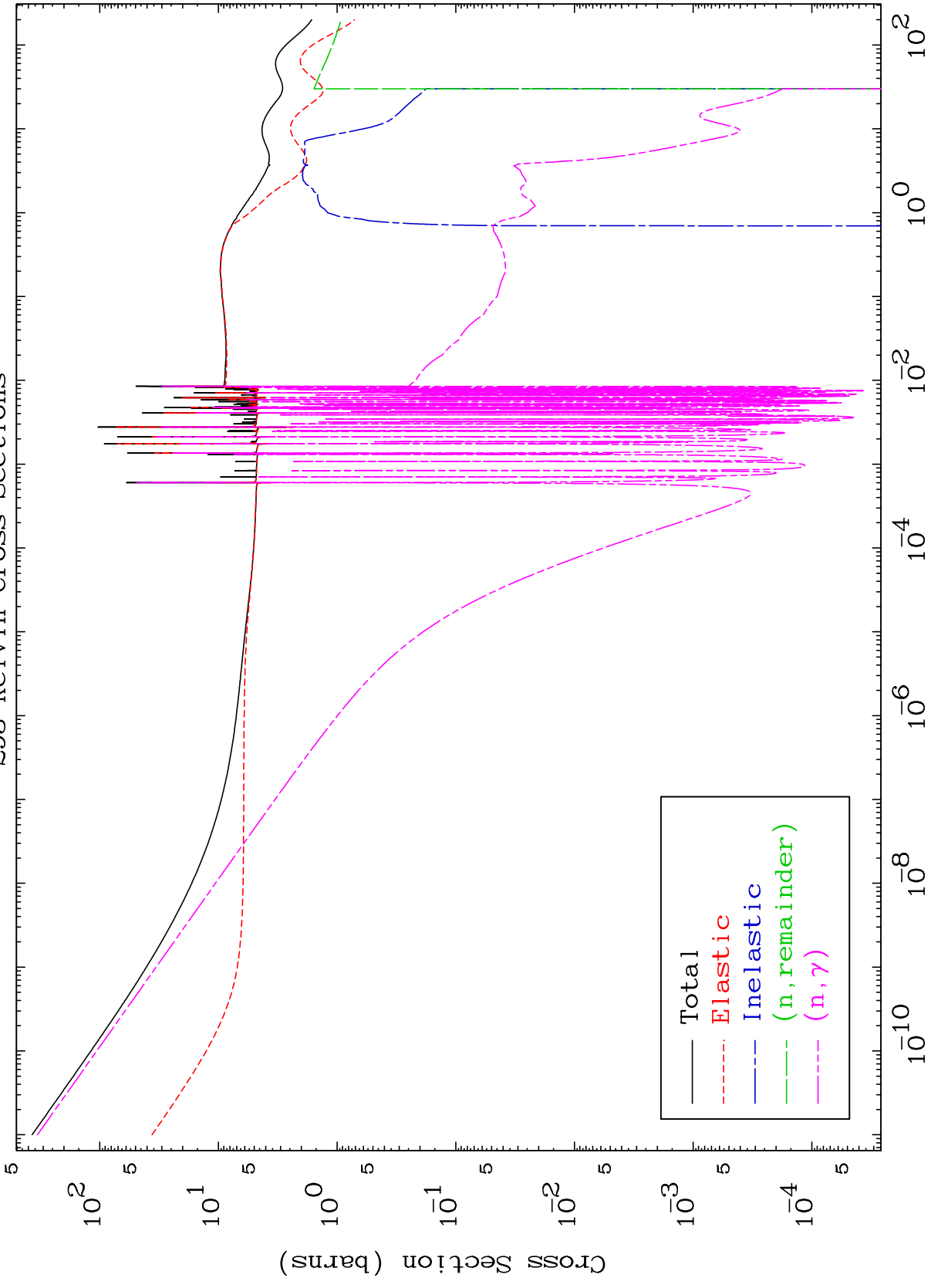
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3943

Major  
293 Kelvin Cross Sections

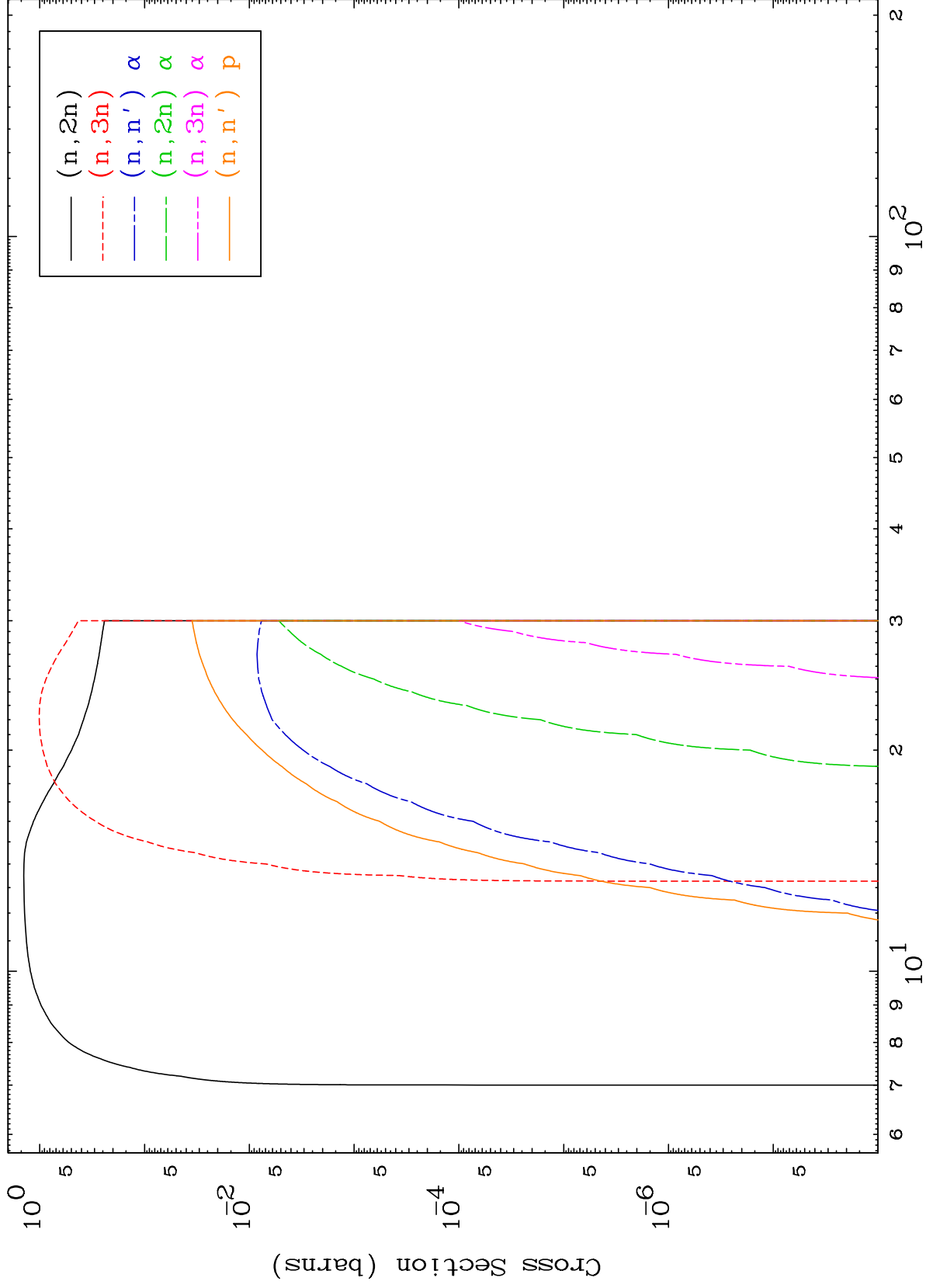
39-Y -95



MAT 3943

### Neutron Production 293 Kelvin Cross Sections

39-Y -95



2

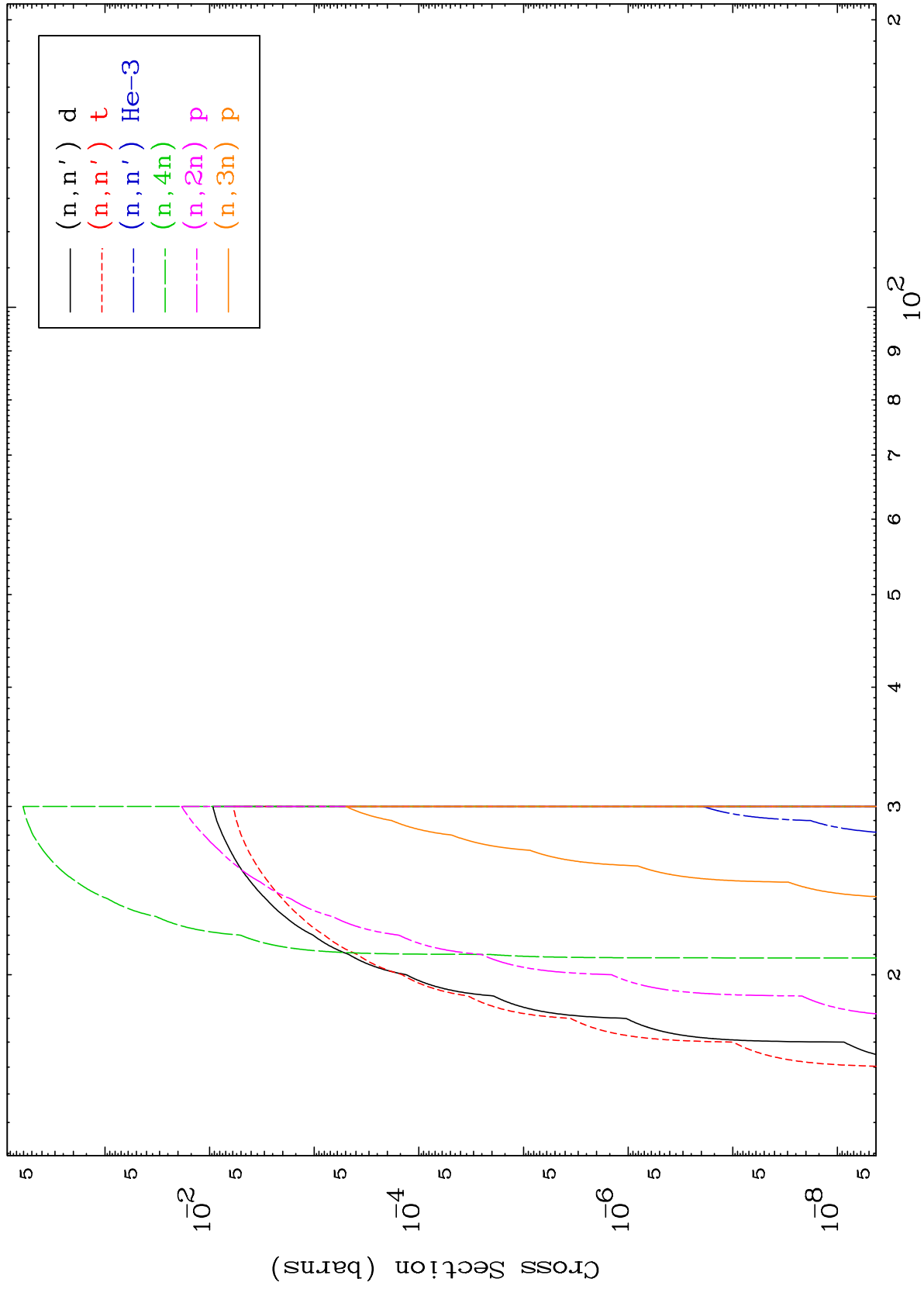
Incident Energy (MeV)

39-Y -95

MAT 3943

Neutron Production  
293 Kelvin Cross Sections

39-Y -95



3

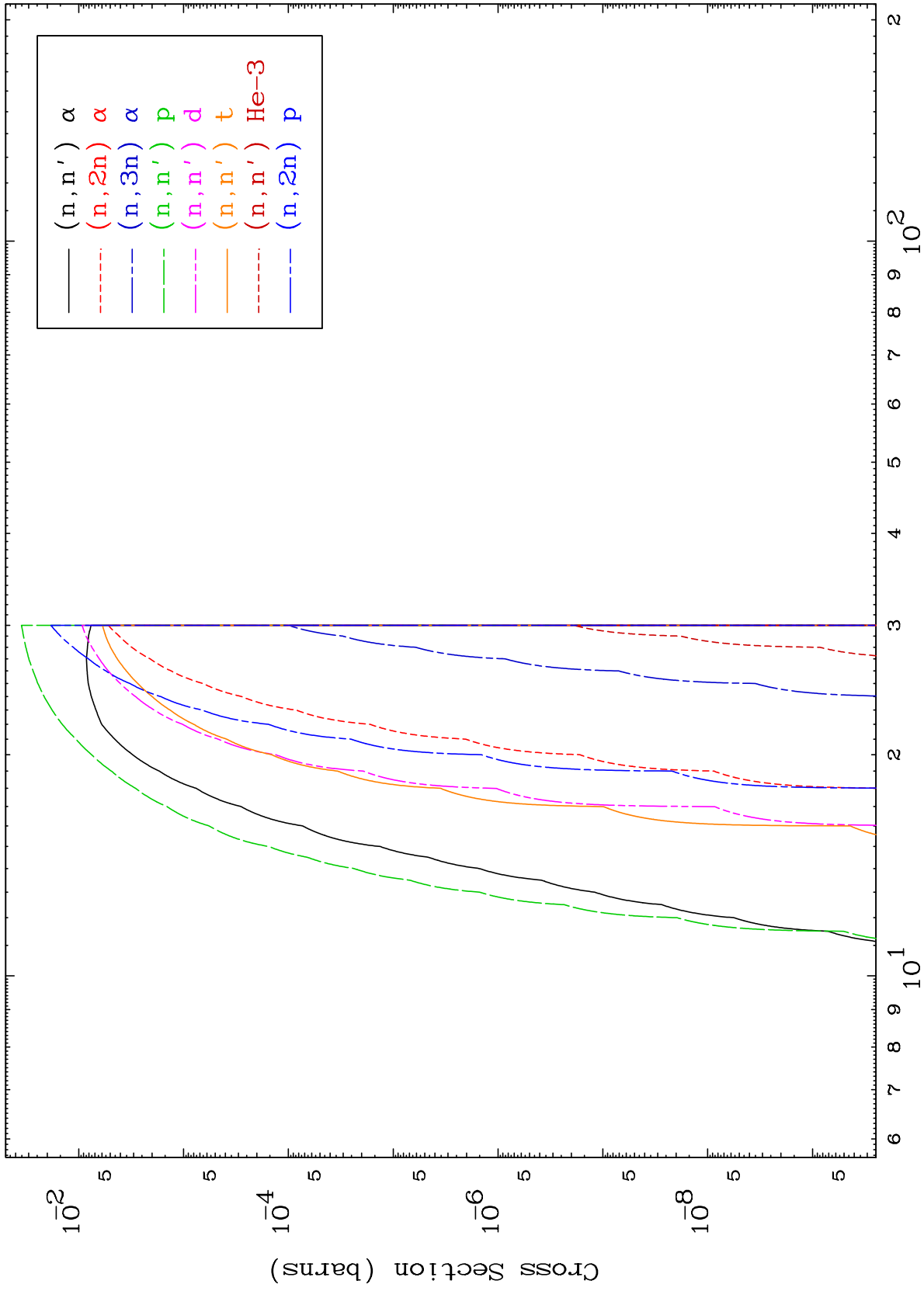
Incident Energy (MeV)

39-Y -95

MAT 3943

Charged Particle  
293 Kelvin Cross Sections

39-Y -95



4

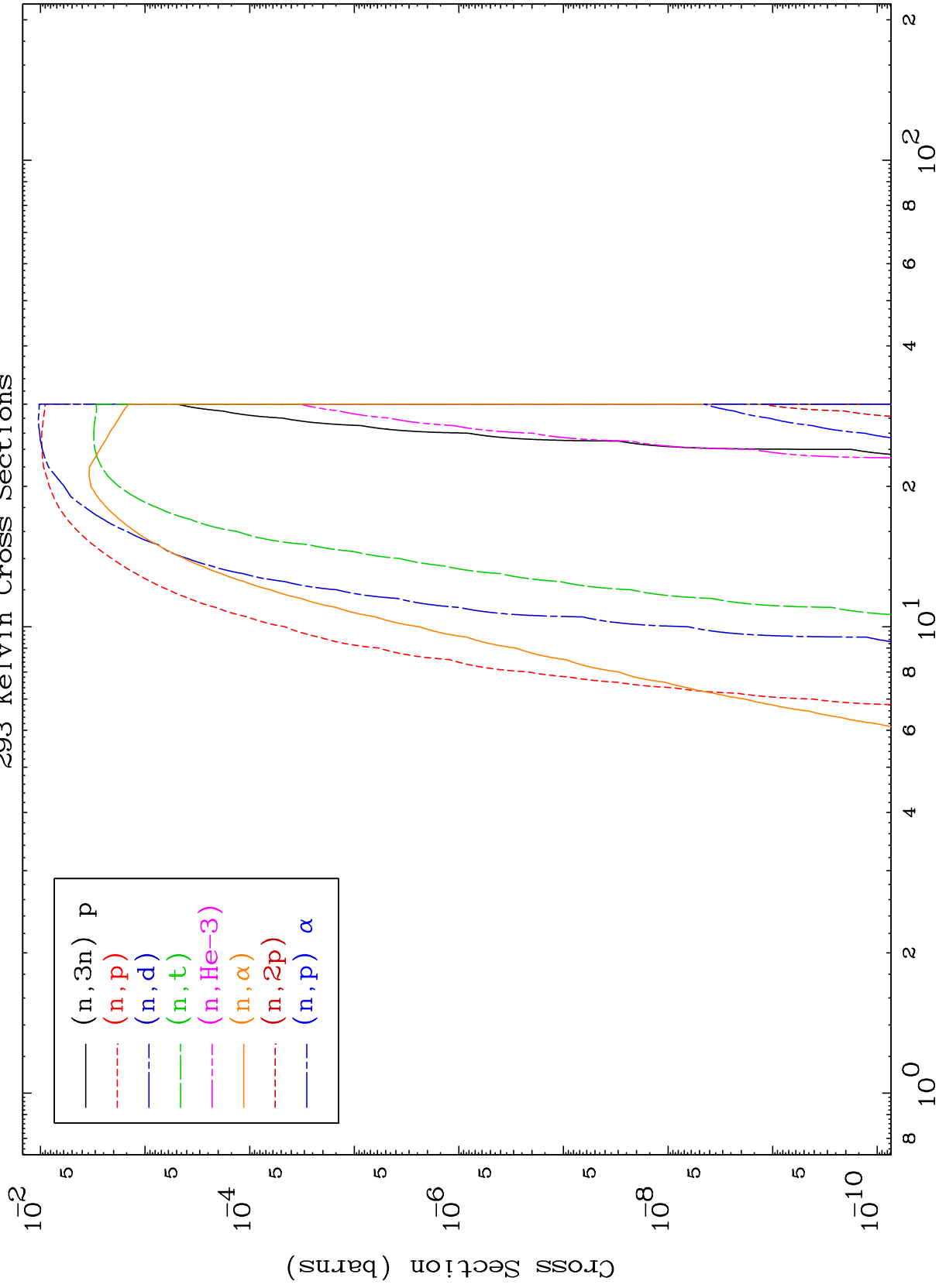
Incident Energy (MeV)

39-Y -95

MAT 3943

Charged Particle  
293 Kelvin Cross Sections

39-Y -95



5

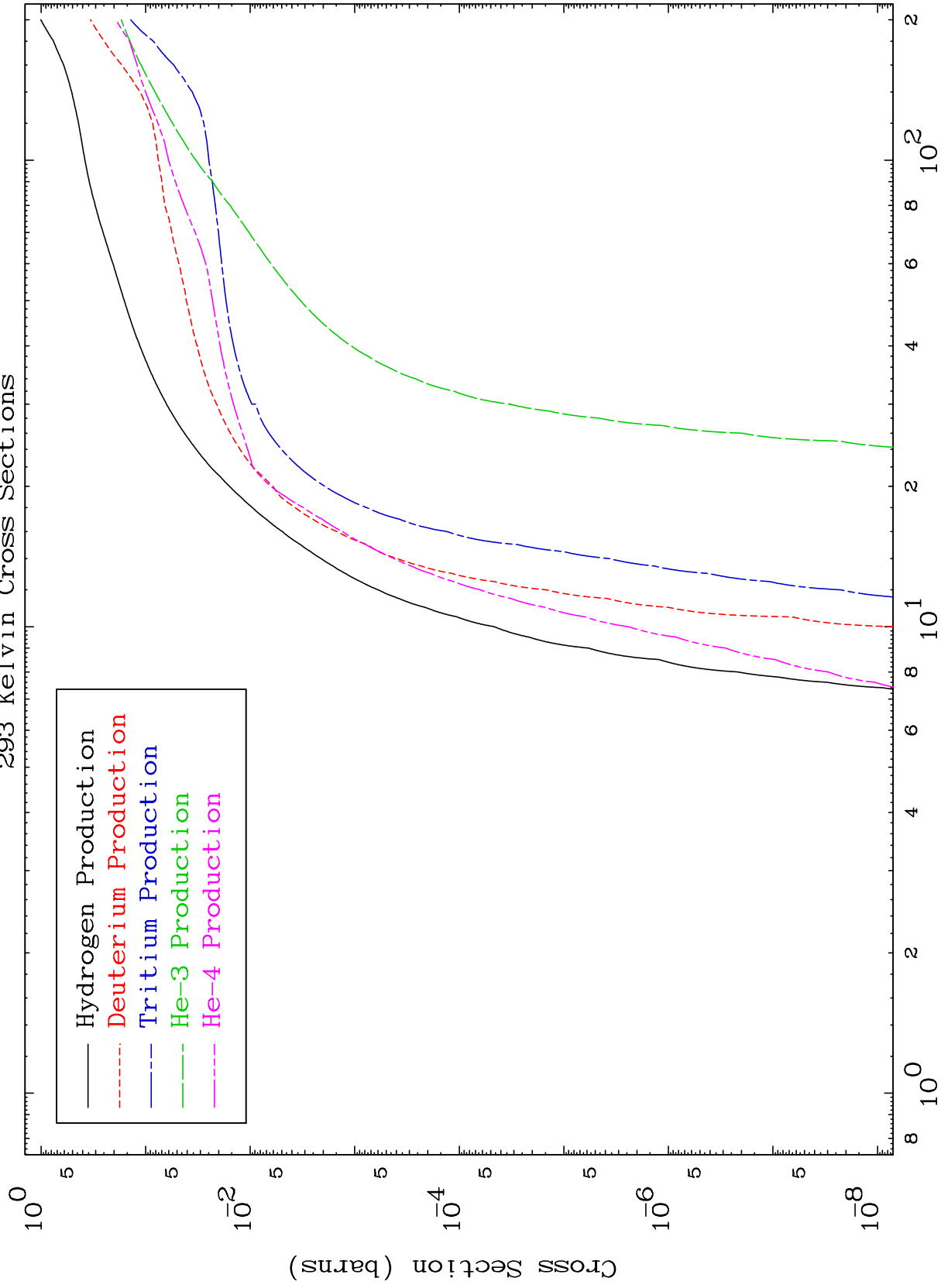
Incident Energy (MeV)

39-Y -95

MAT 3943

Particle Production  
293 Kelvin Cross Sections

39-Y -95



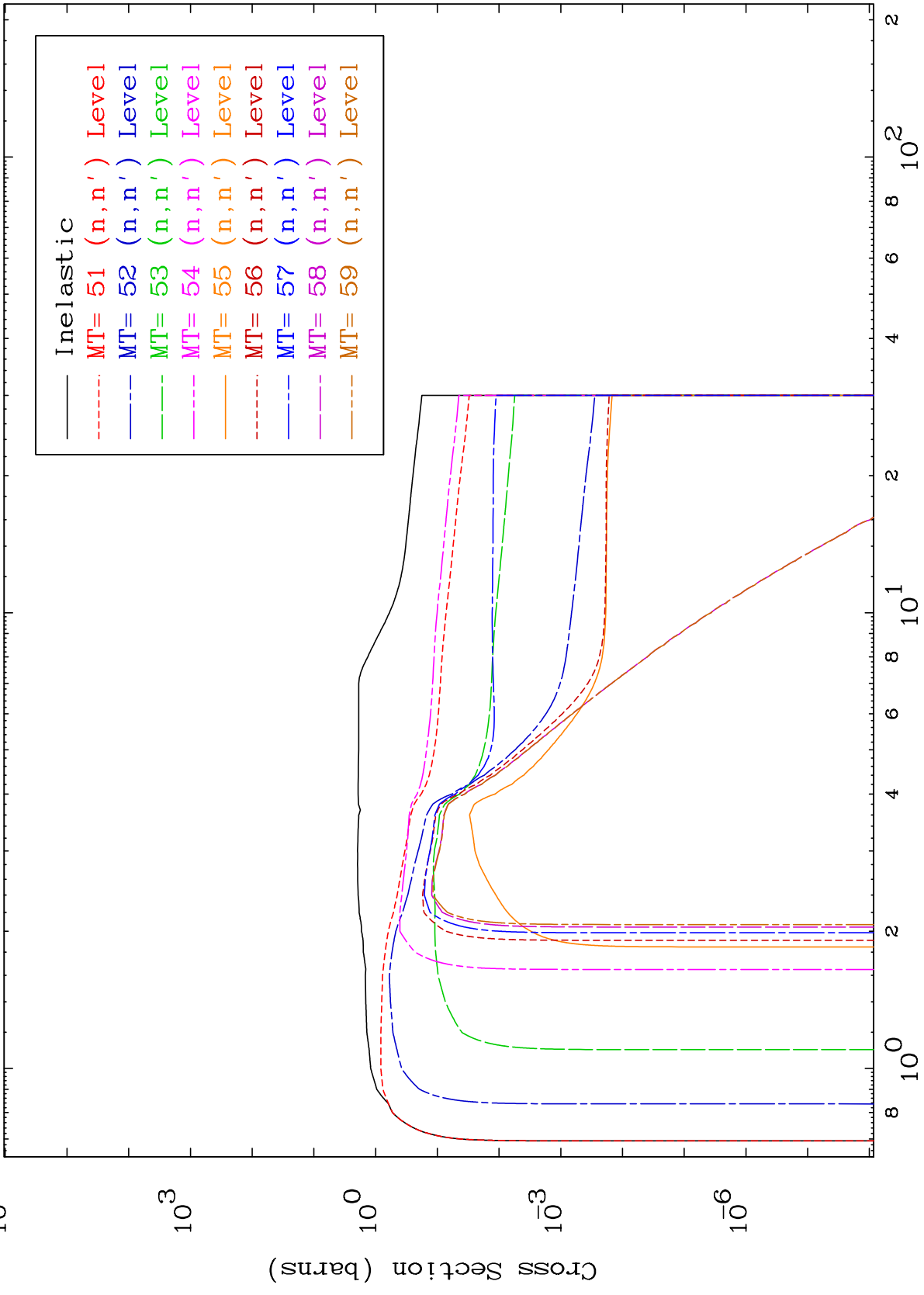
MAT 3943

Particle Production  
293 Kelvin Cross Sections

39-Y -95



MAT 3943 (n,n') Level 293 Kelvin Cross Sections 39-Y -95



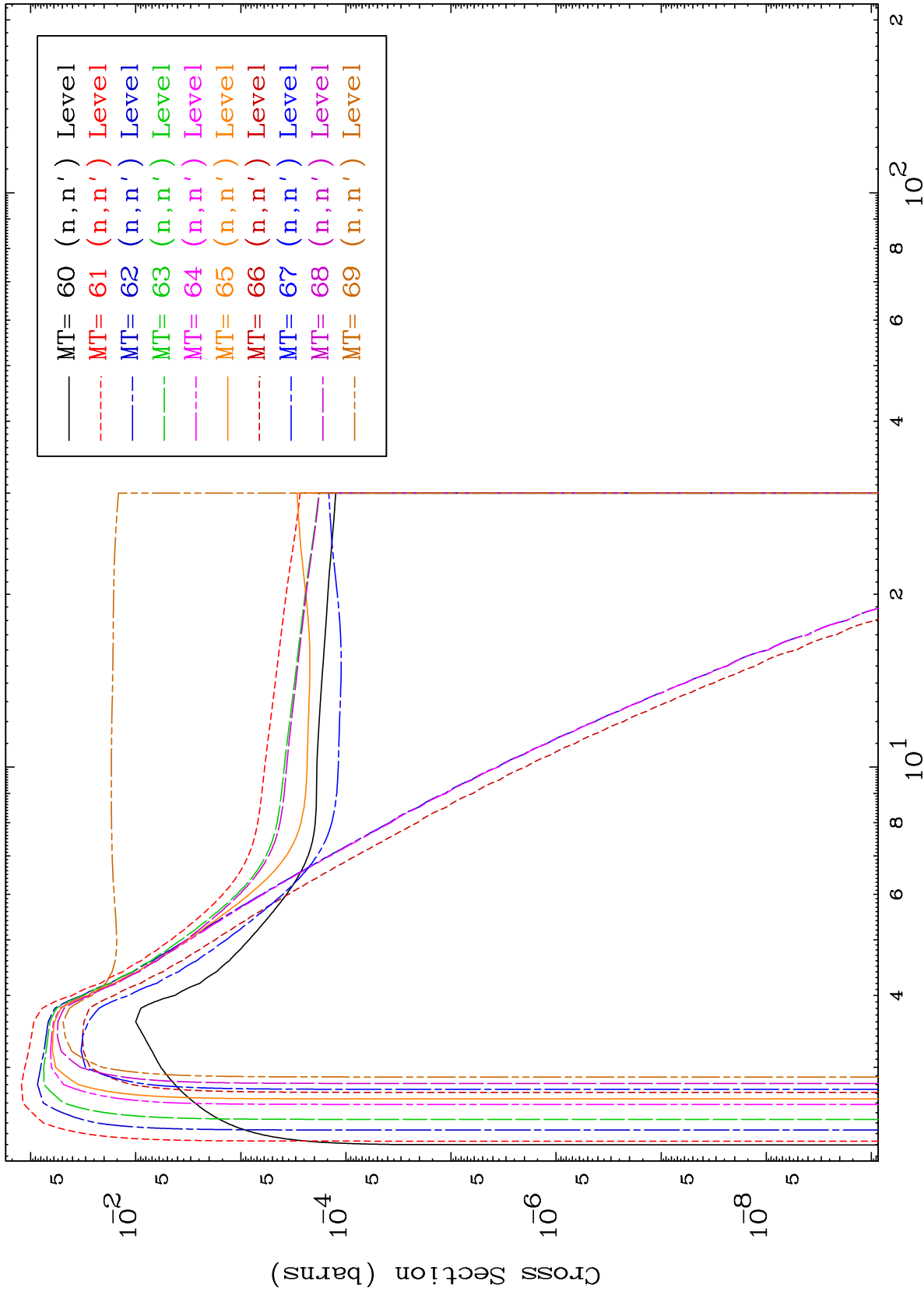
7 39-Y -95



MAT 3943

(n,n') Level  
293 Kelvin Cross Sections

39-Y -95



8

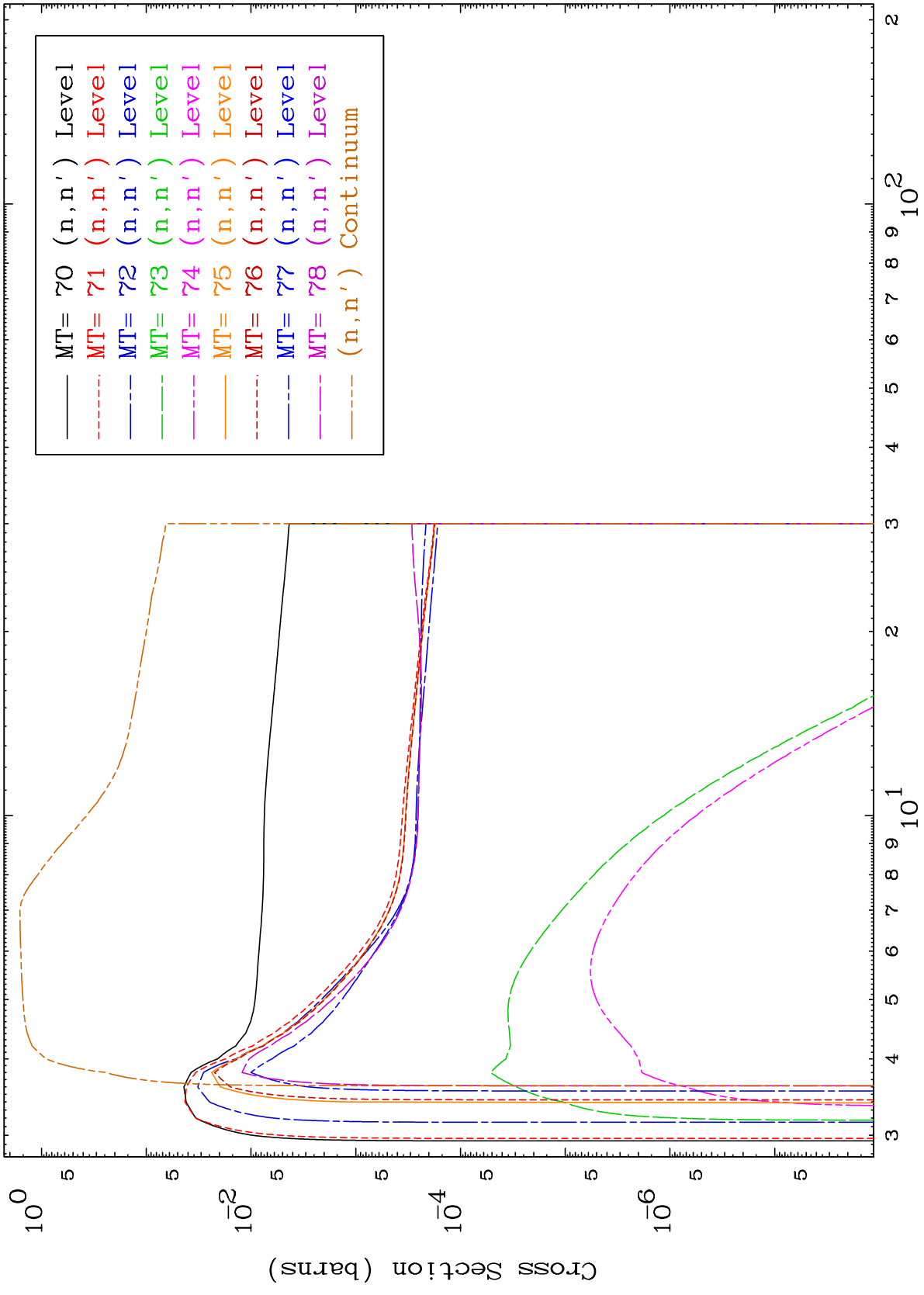
Incident Energy (MeV)

39-Y -95

MAT 3943

(n,n') Level  
293 Kelvin Cross Sections

39-Y -95



9

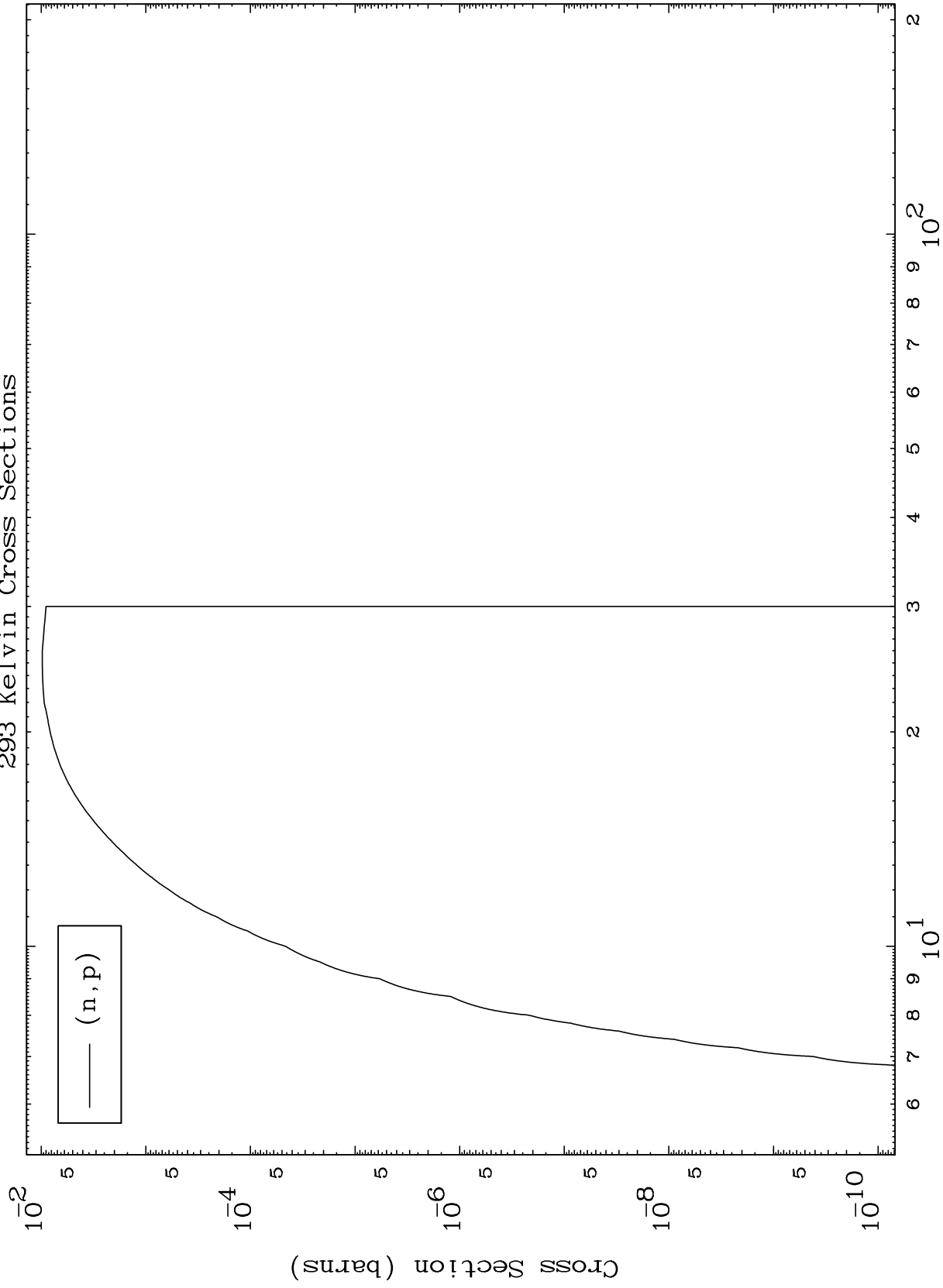
Incident Energy (MeV)

39-Y -95

MAT 3943

(n,p) Levels  
293 Kelvin Cross Sections

39-Y -95



10

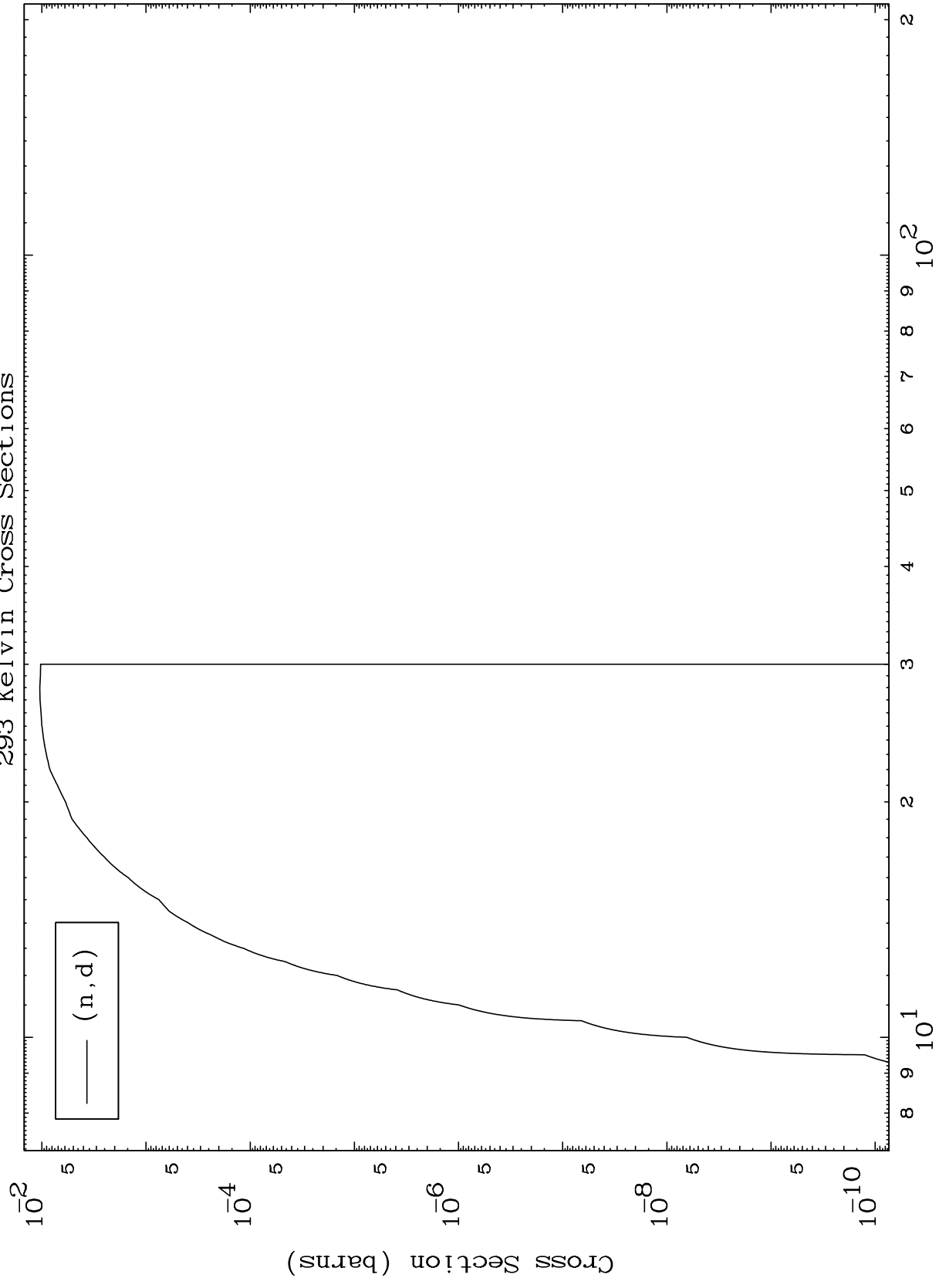
Incident Energy (MeV)

39-Y -95

MAT 3943

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -95



11

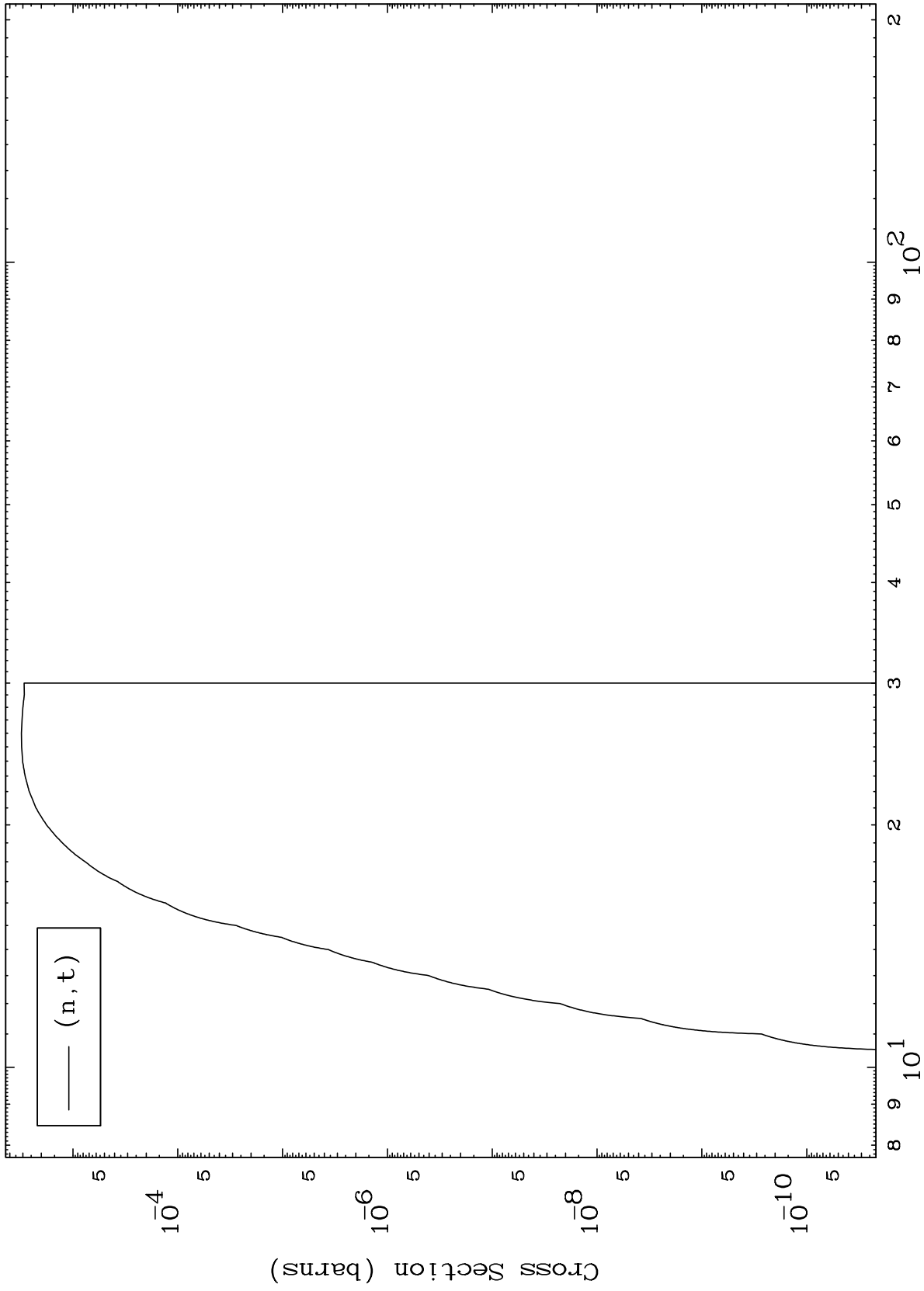
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39-Y -95

MAT 3943

(n,t) Levels  
293 Kelvin Cross Sections

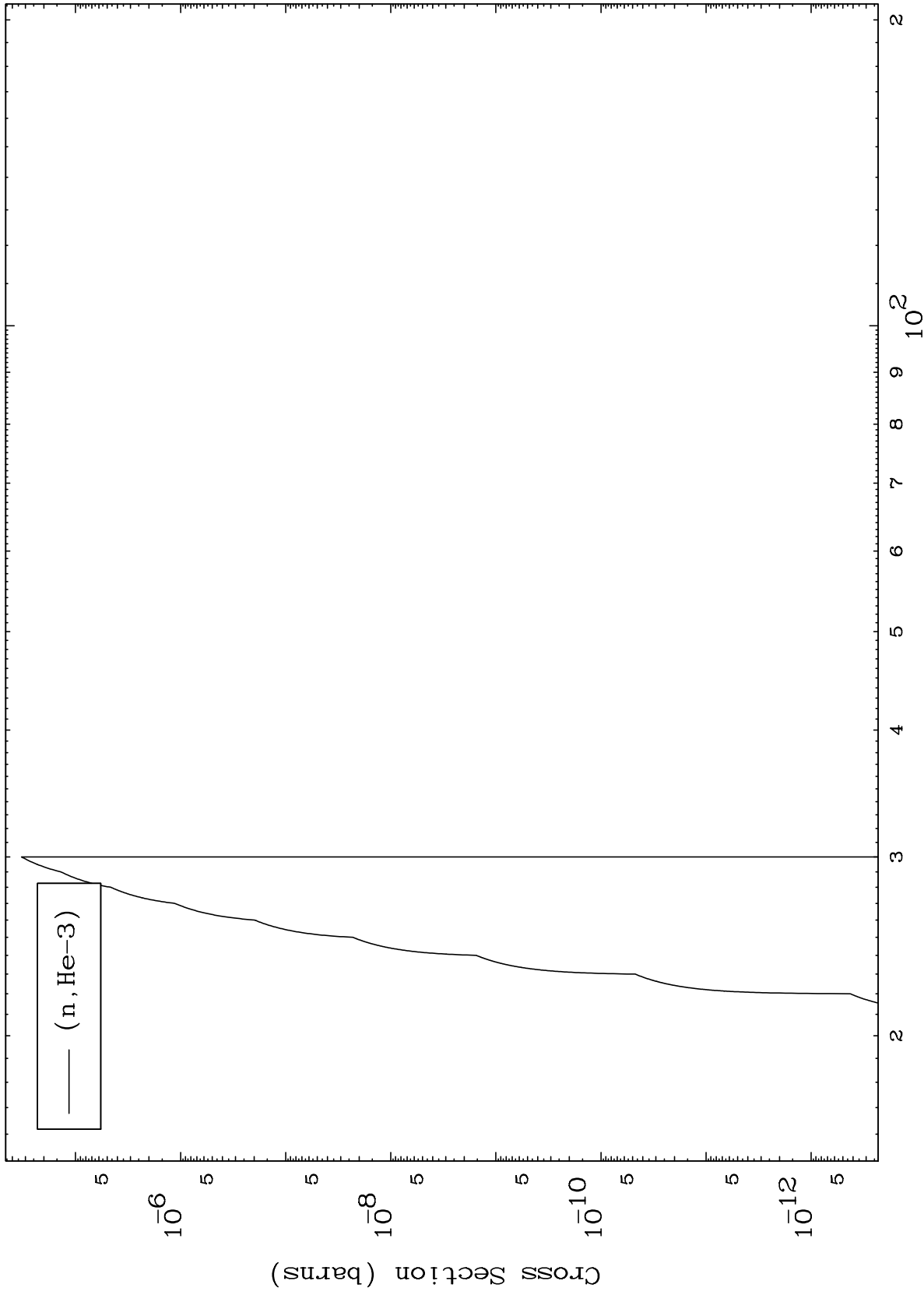
39-Y -95



12

Incident Energy (MeV)

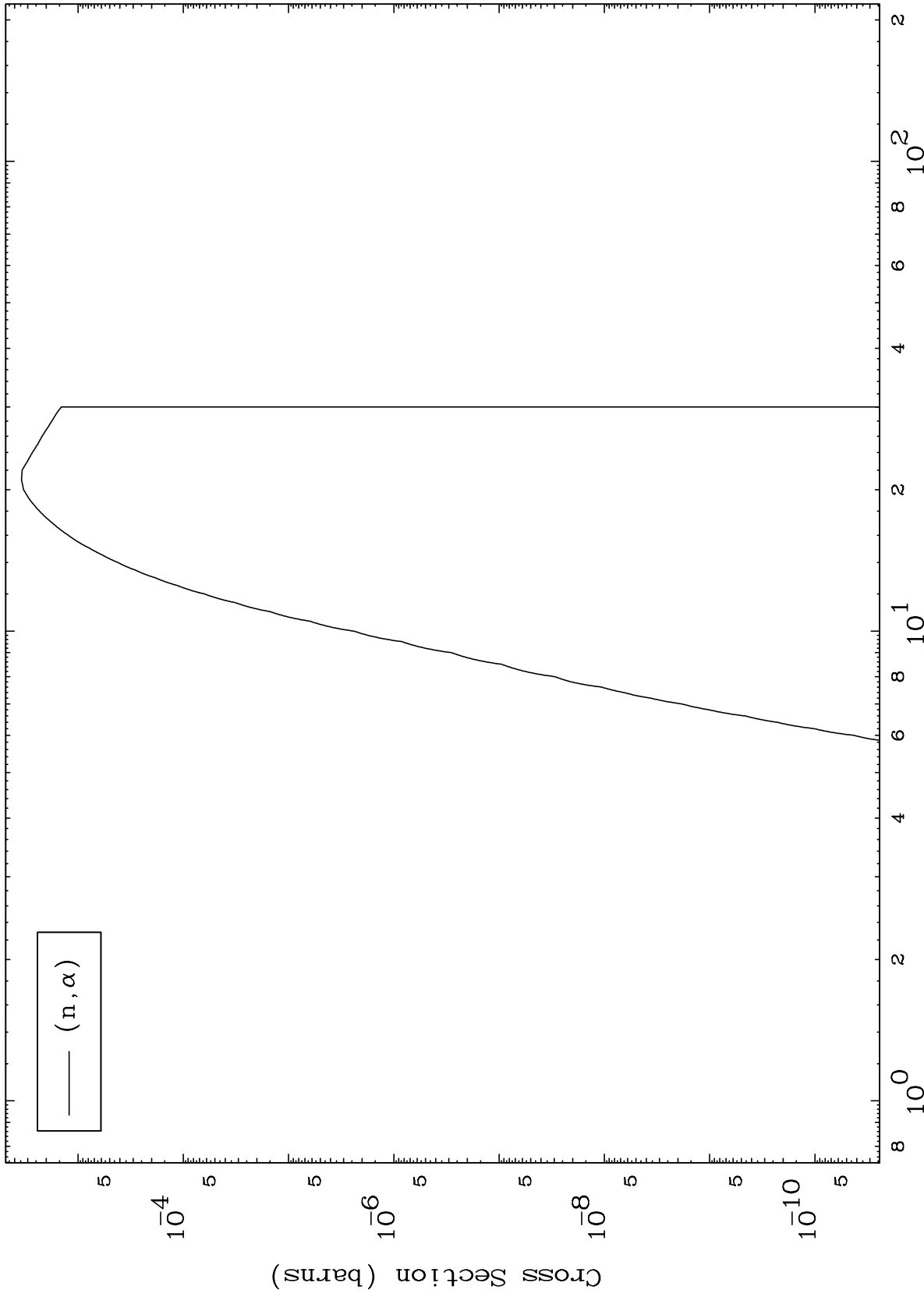
39-Y -95



MAT 3943

(n,α) Levels  
293 Kelvin Cross Sections

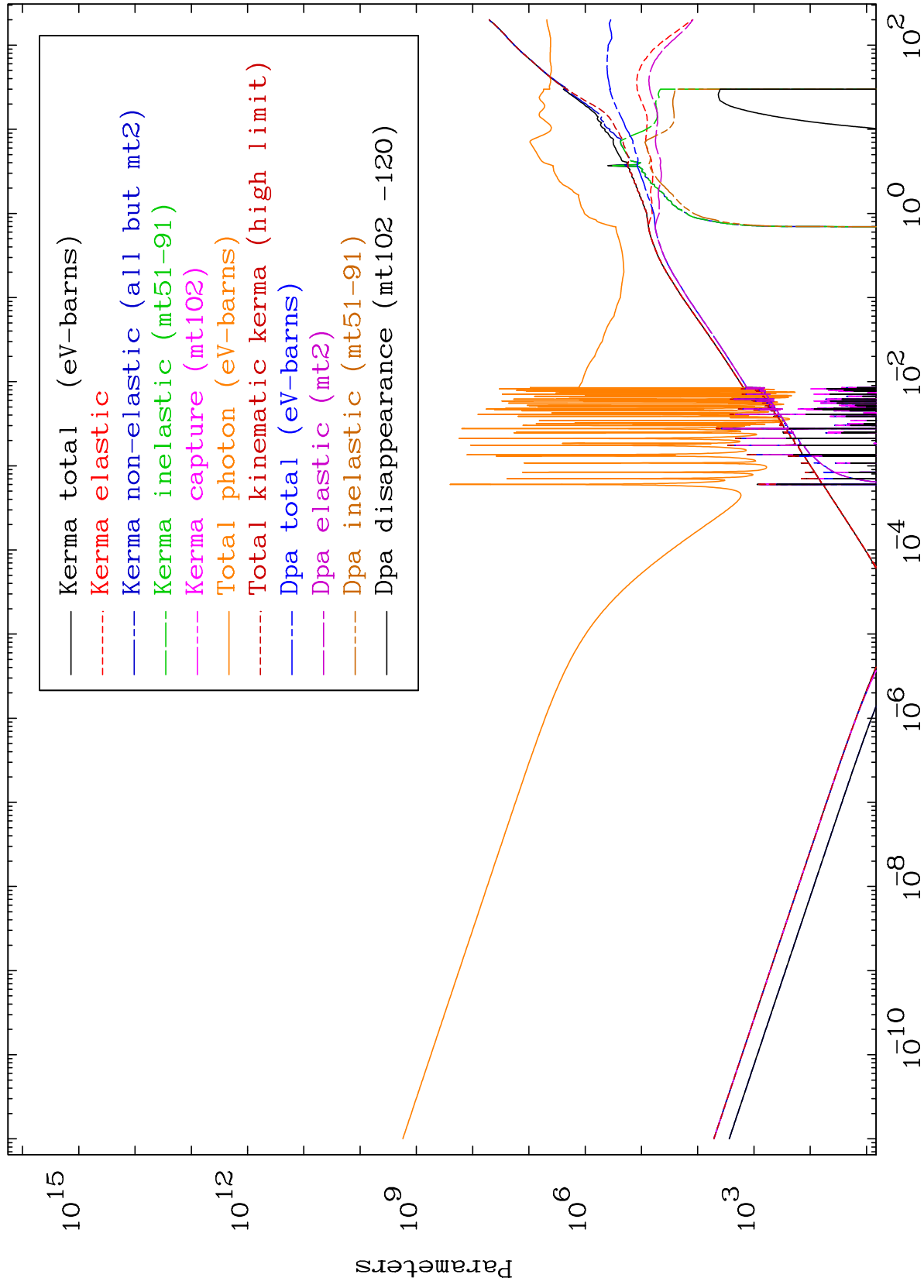
39-Y -95



14

Incident Energy (MeV)

39-Y -95

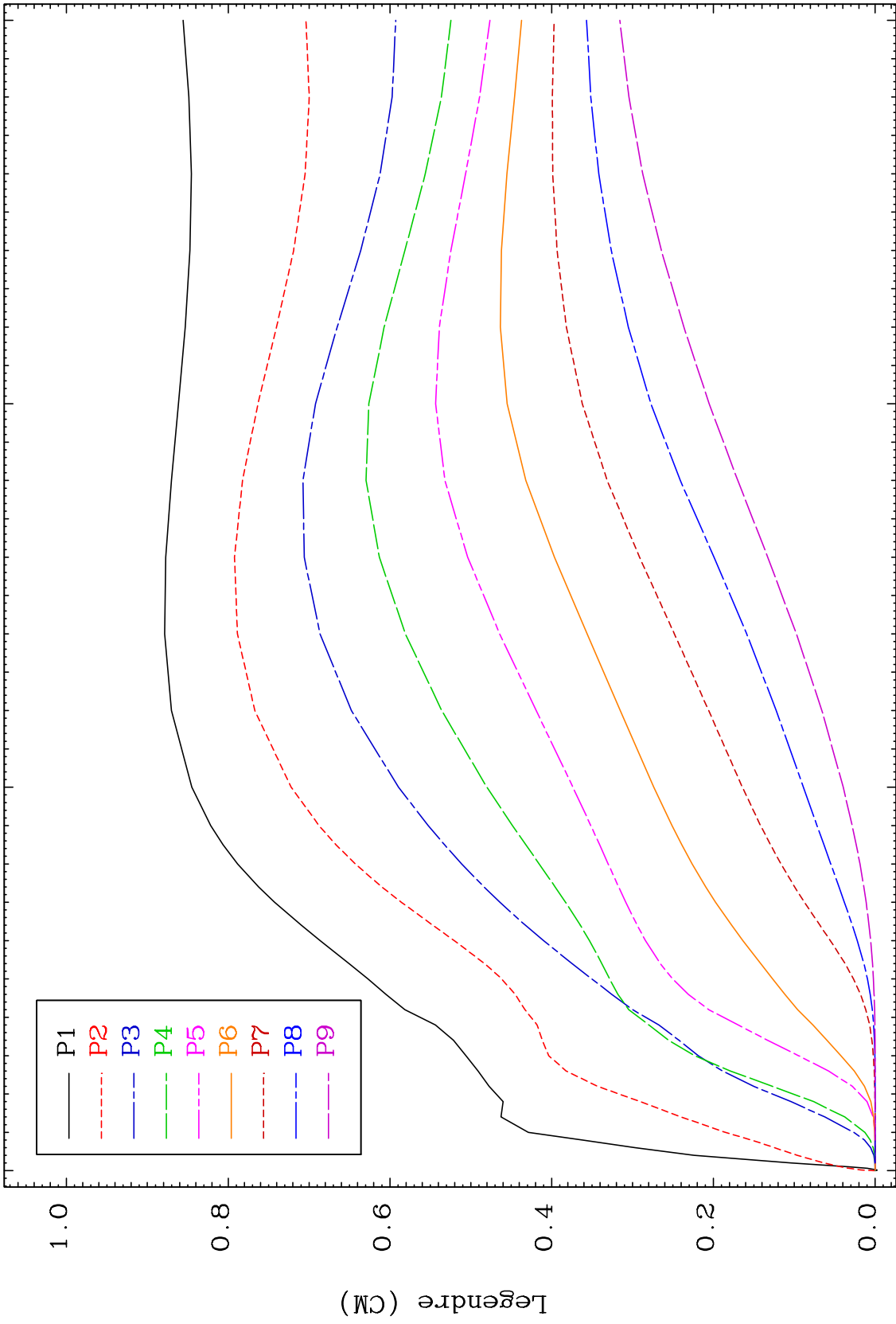




MAT 3943

Elastic Legendre Coefficients

39-Y -95



16

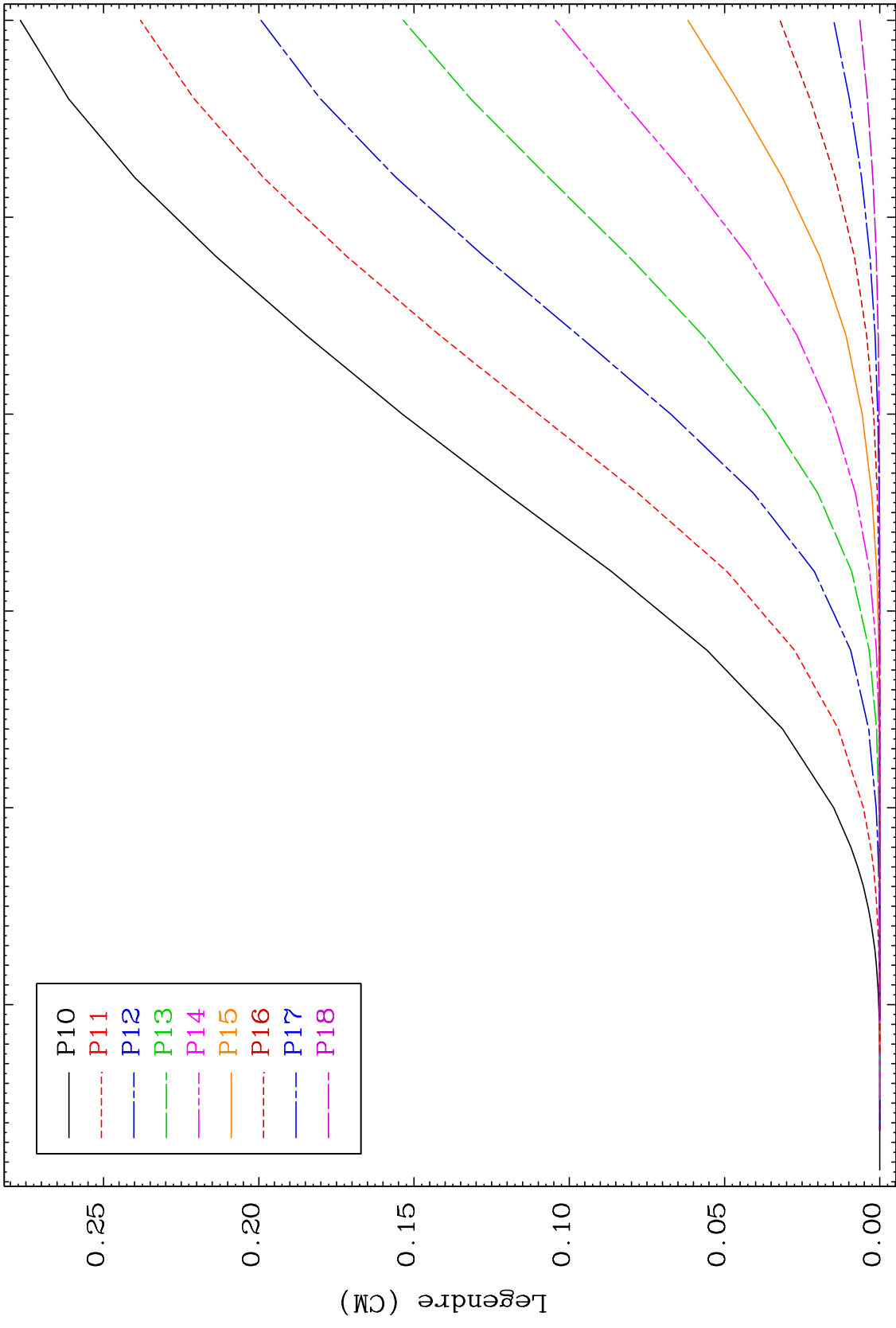
Incident Energy (MeV)

39-Y -95

MAT 3943

Elastic Legendre Coefficients

39-Y -95



17

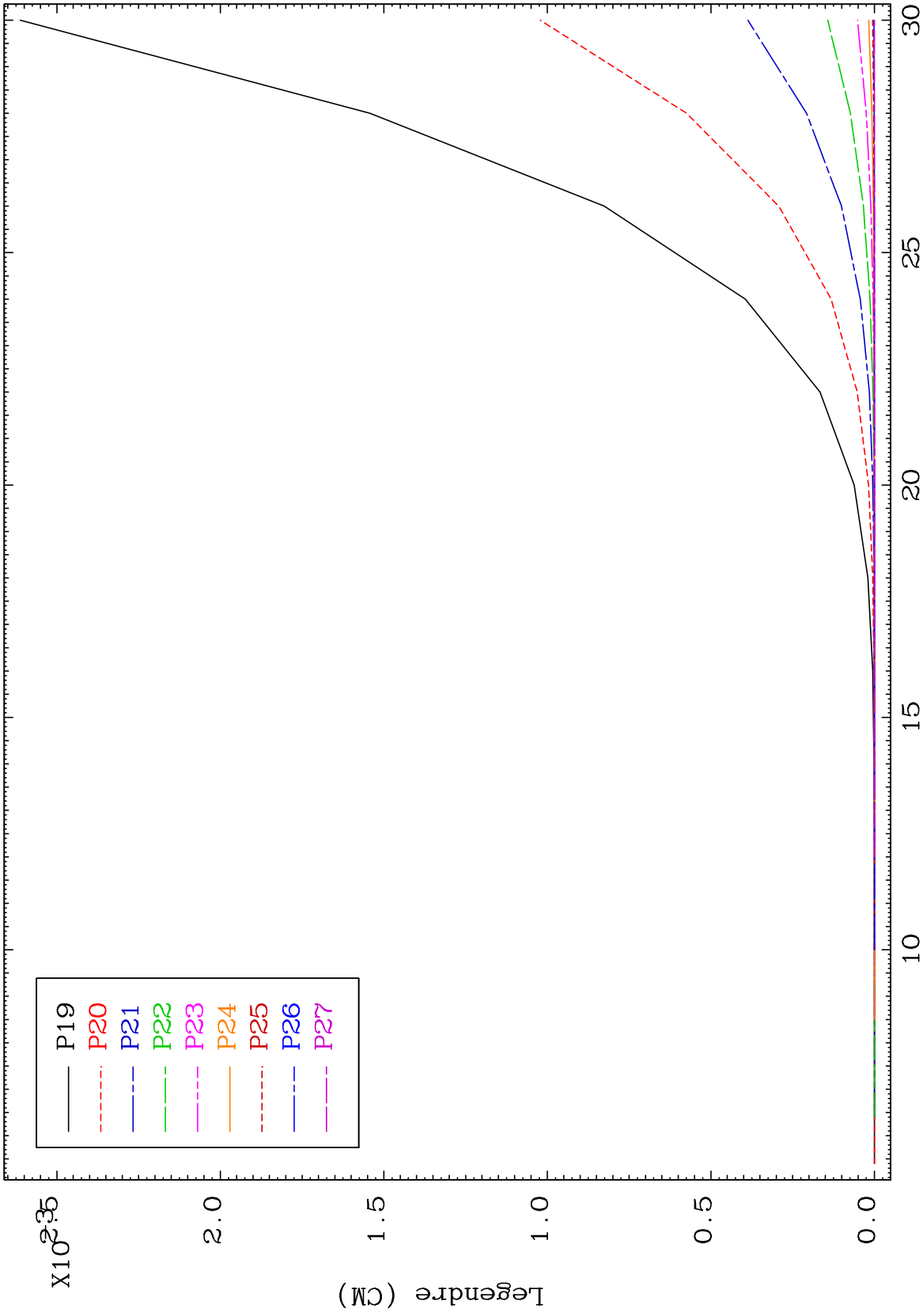
Incident Energy (MeV)

39-Y -95

MAT 3943

### Elastic Legendre Coefficients

39-Y -95



18

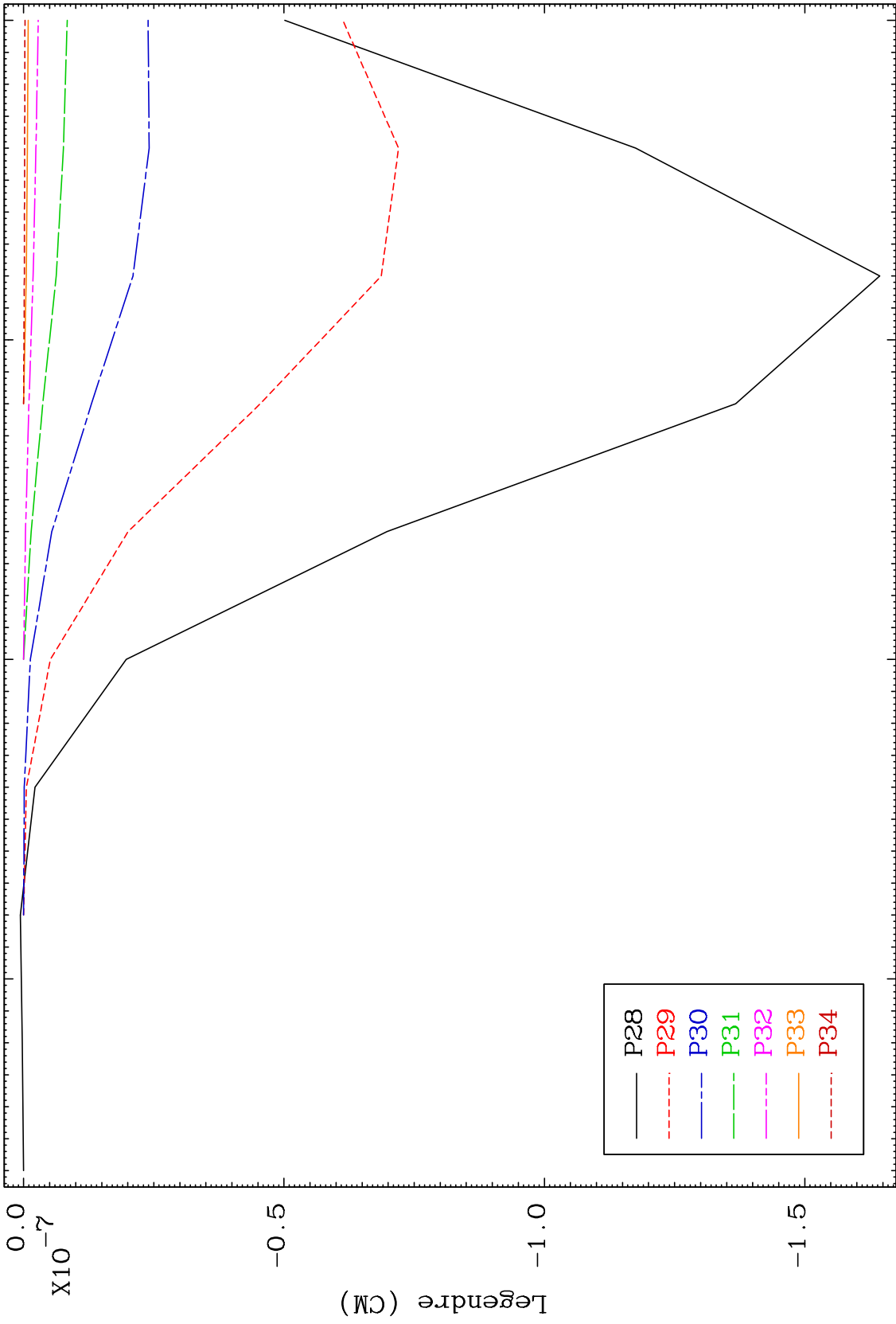
Incident Energy (MeV)

39-Y -95

MAT 3943

Elastic  
Legendre Coefficients

39-Y -95

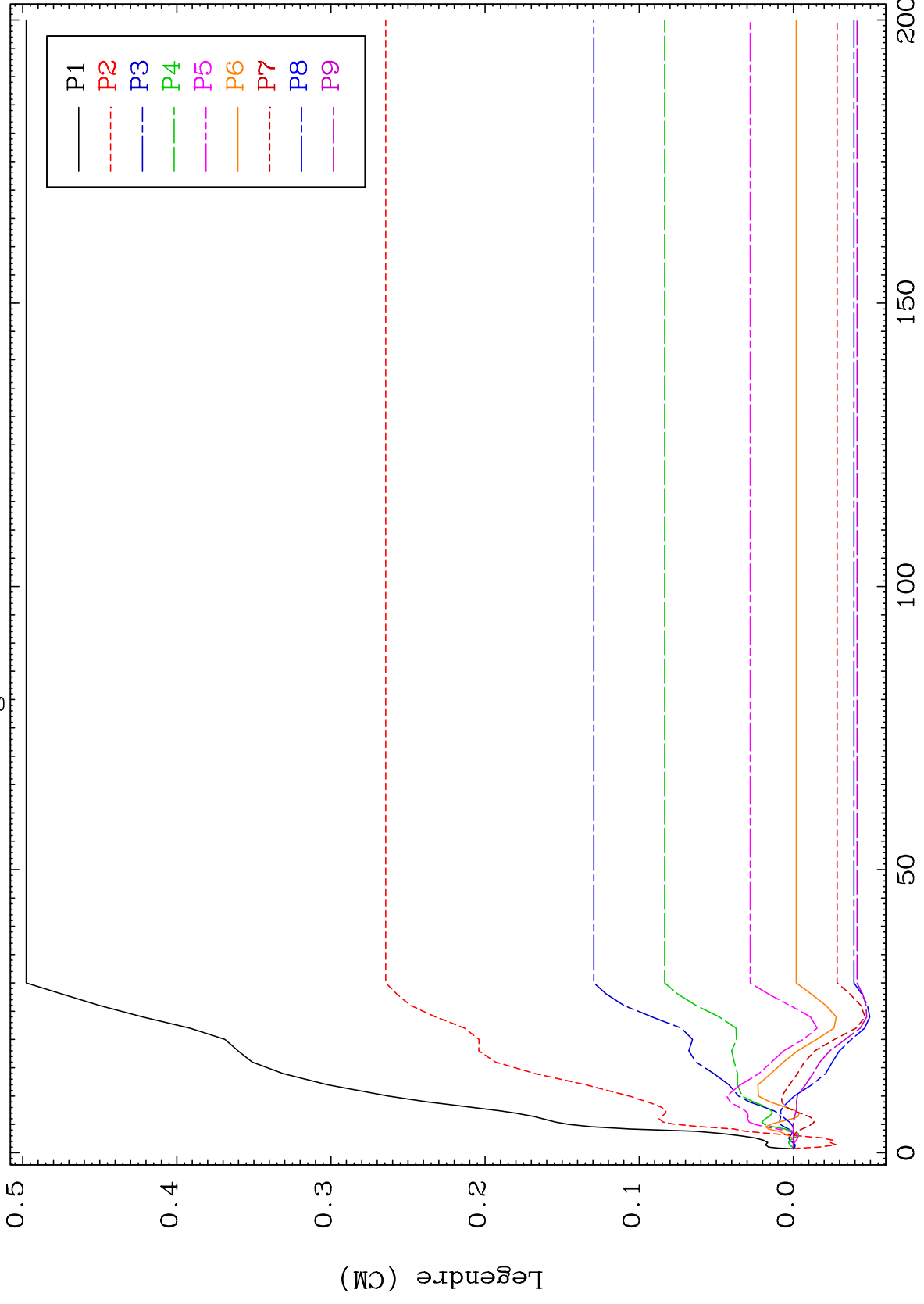


19

Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 51 (n,n') Level Legendre Coefficients 39-Y -95

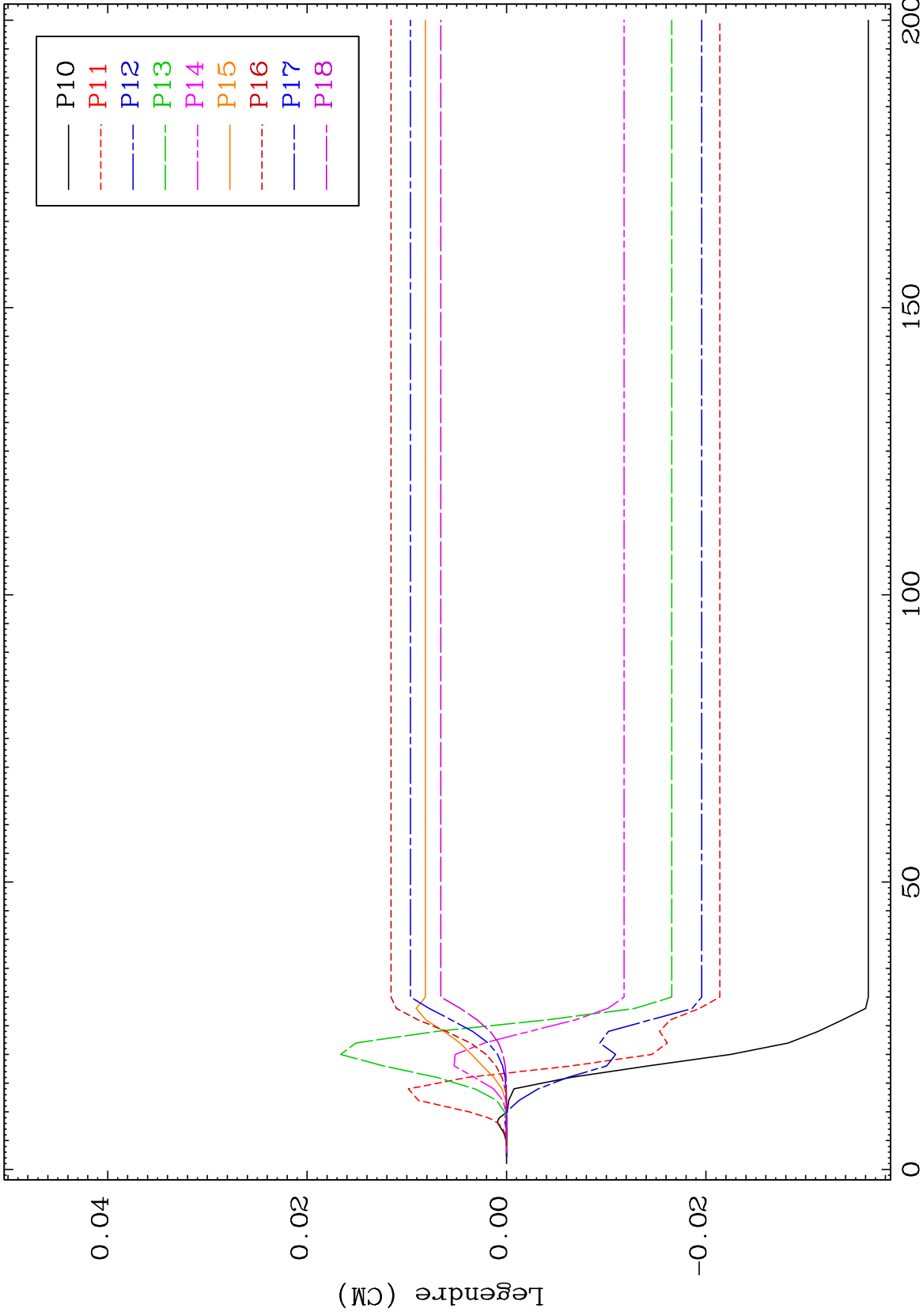


39-Y -95

MAT 3943

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

39-Y -95



21

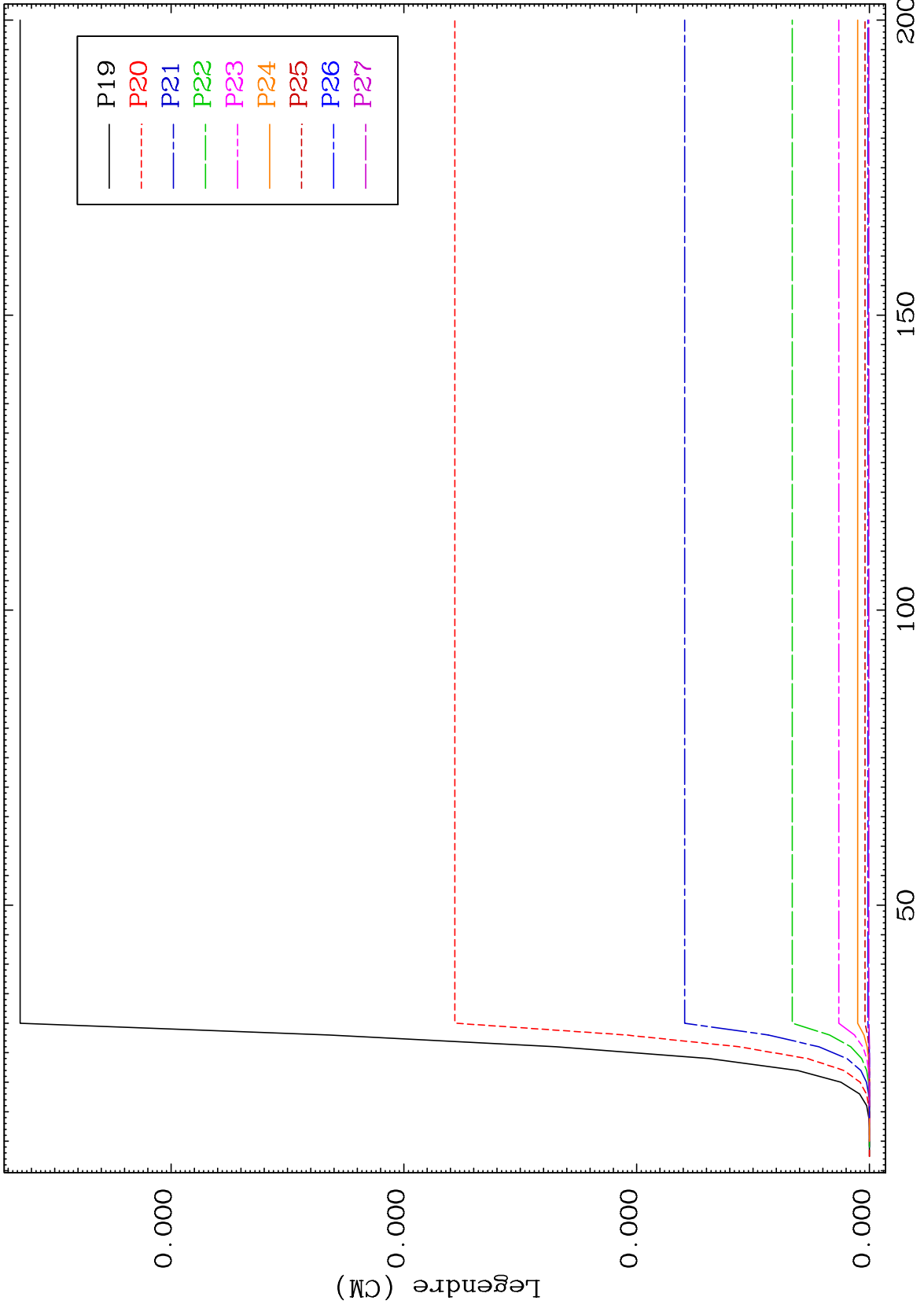
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



22

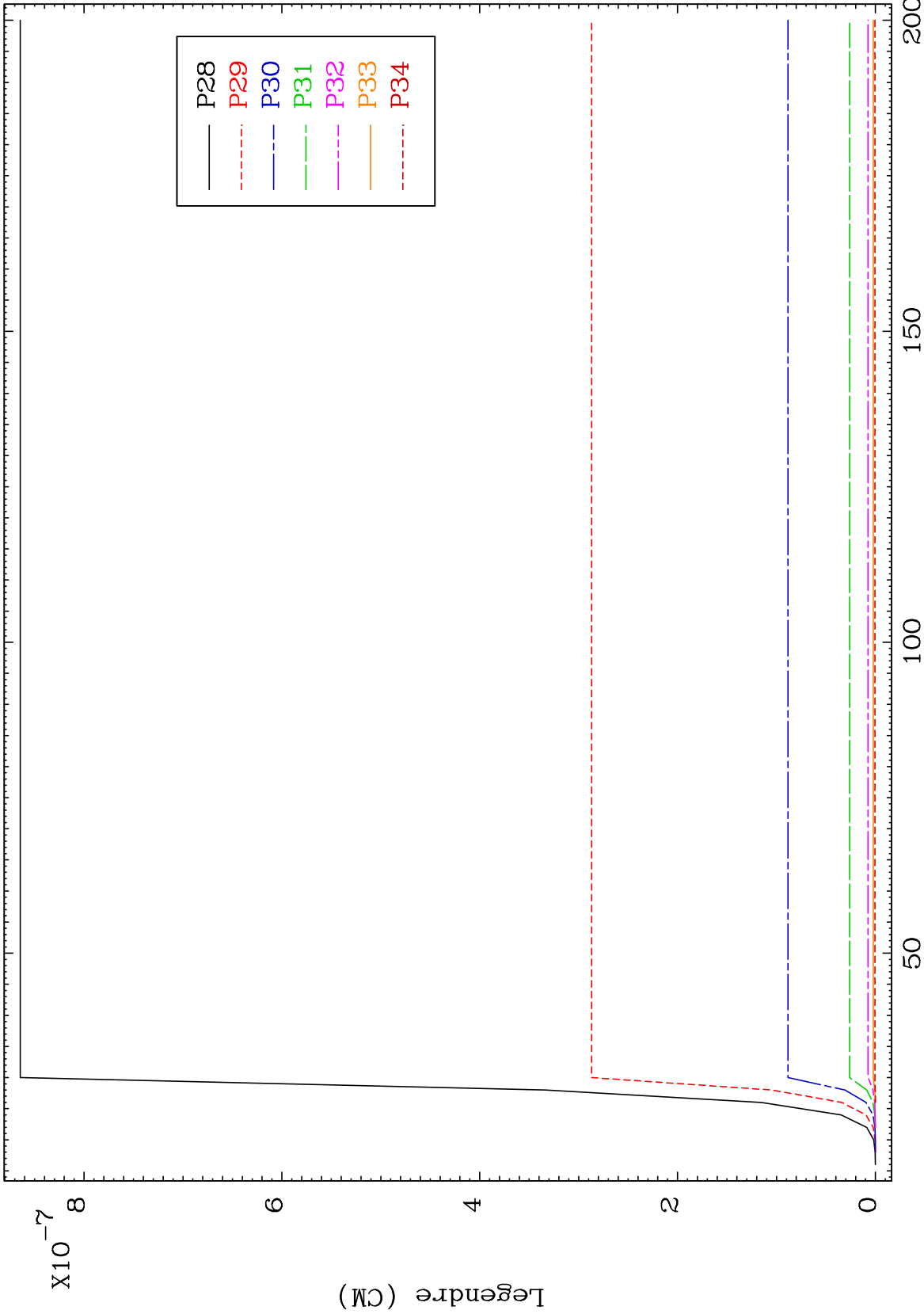
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



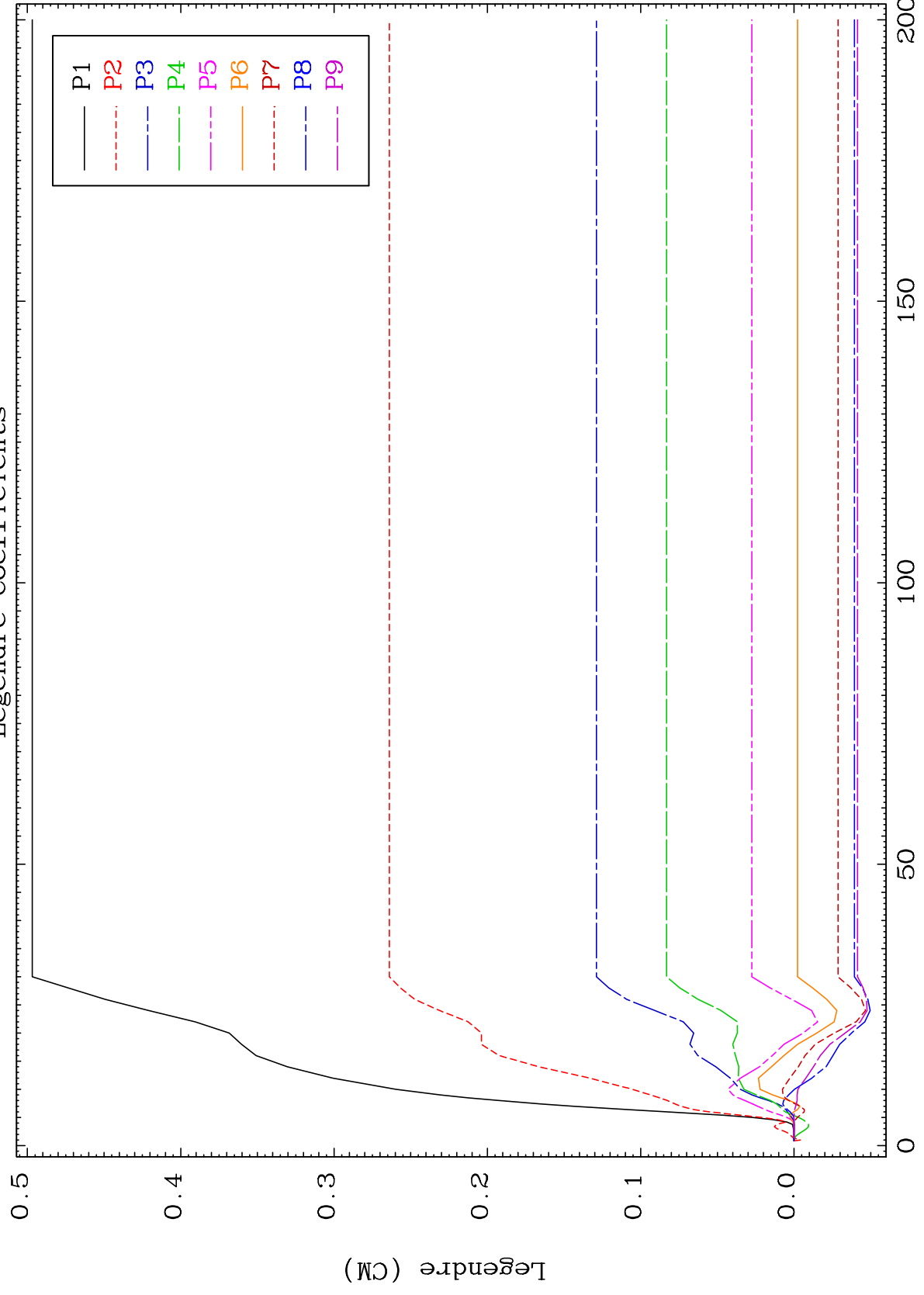
23

Incident Energy (MeV)

39-Y -95



MAT 3943 MT= 52 (n,n') Level Legendre Coefficients 39-Y -95

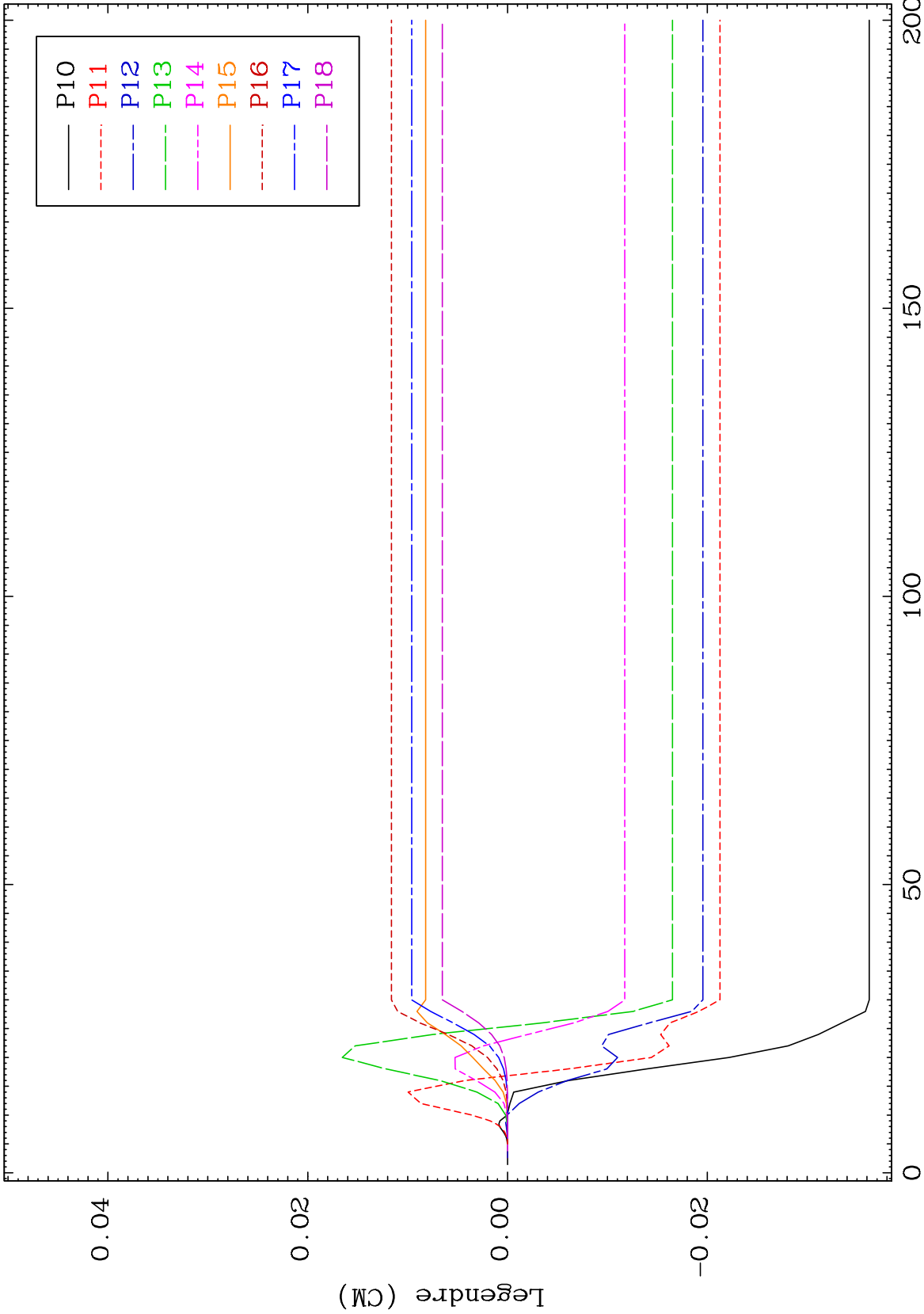


24 39-Y -95

MAT 3943

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

39-Y -95



25

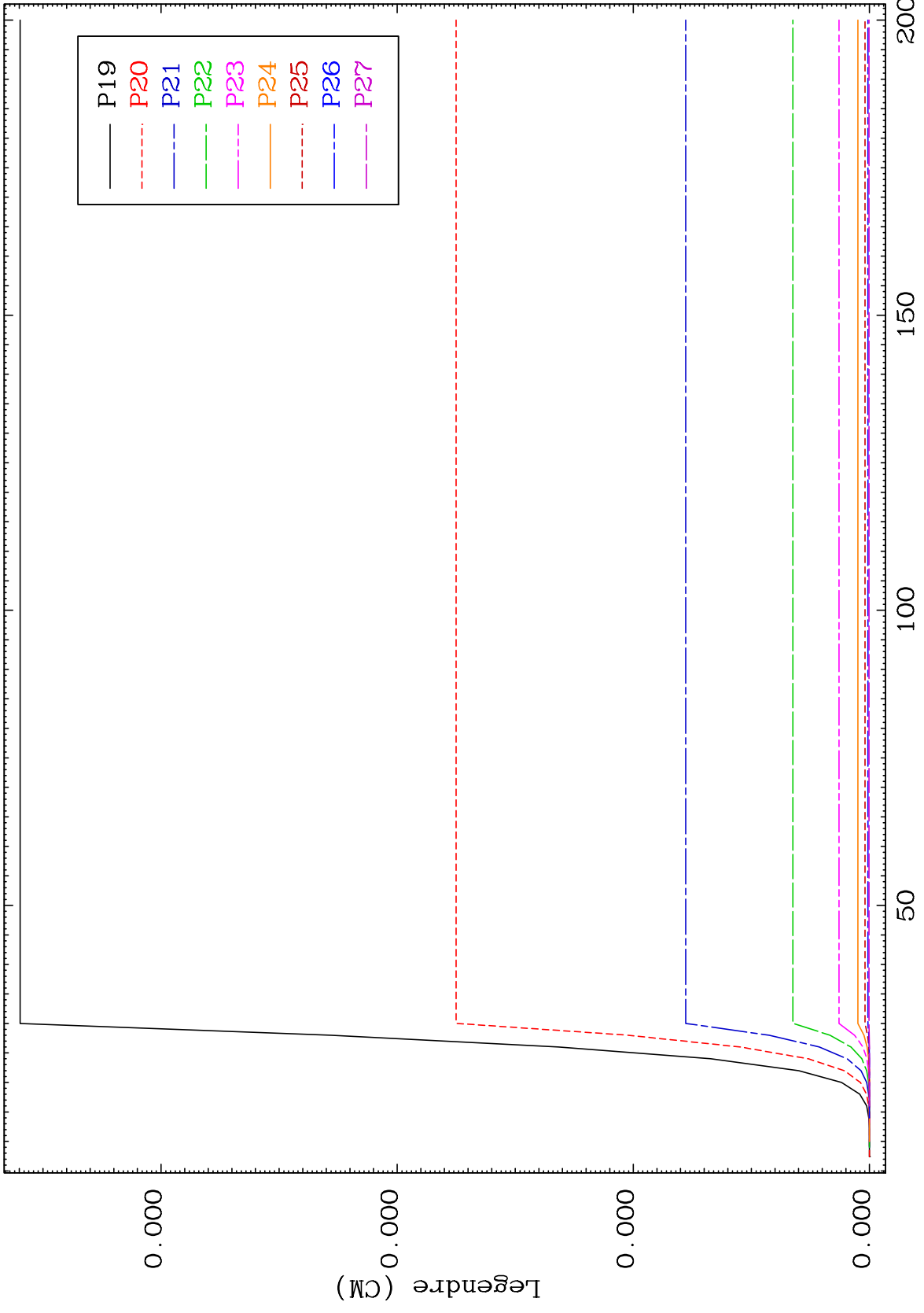
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



26

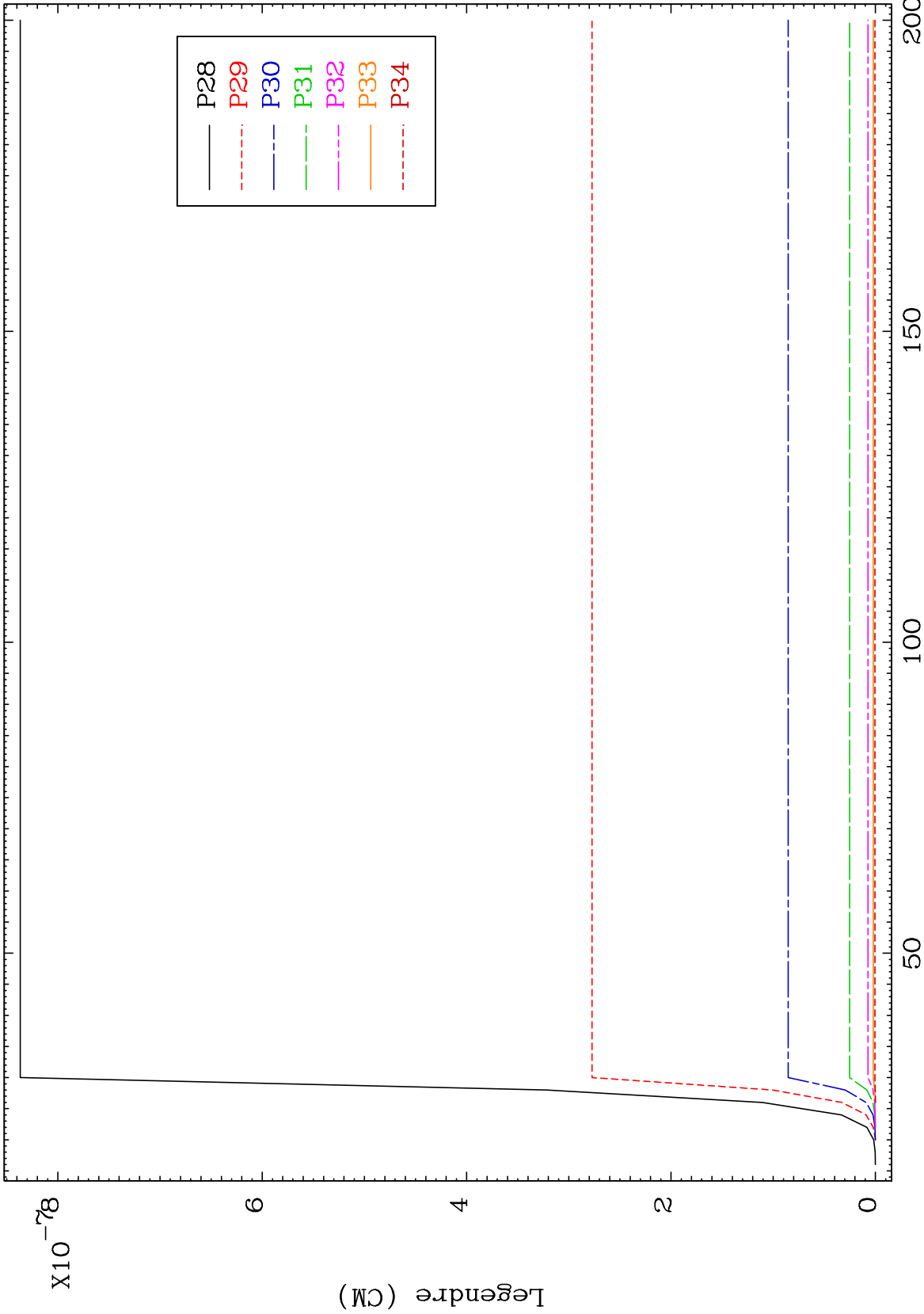
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



27

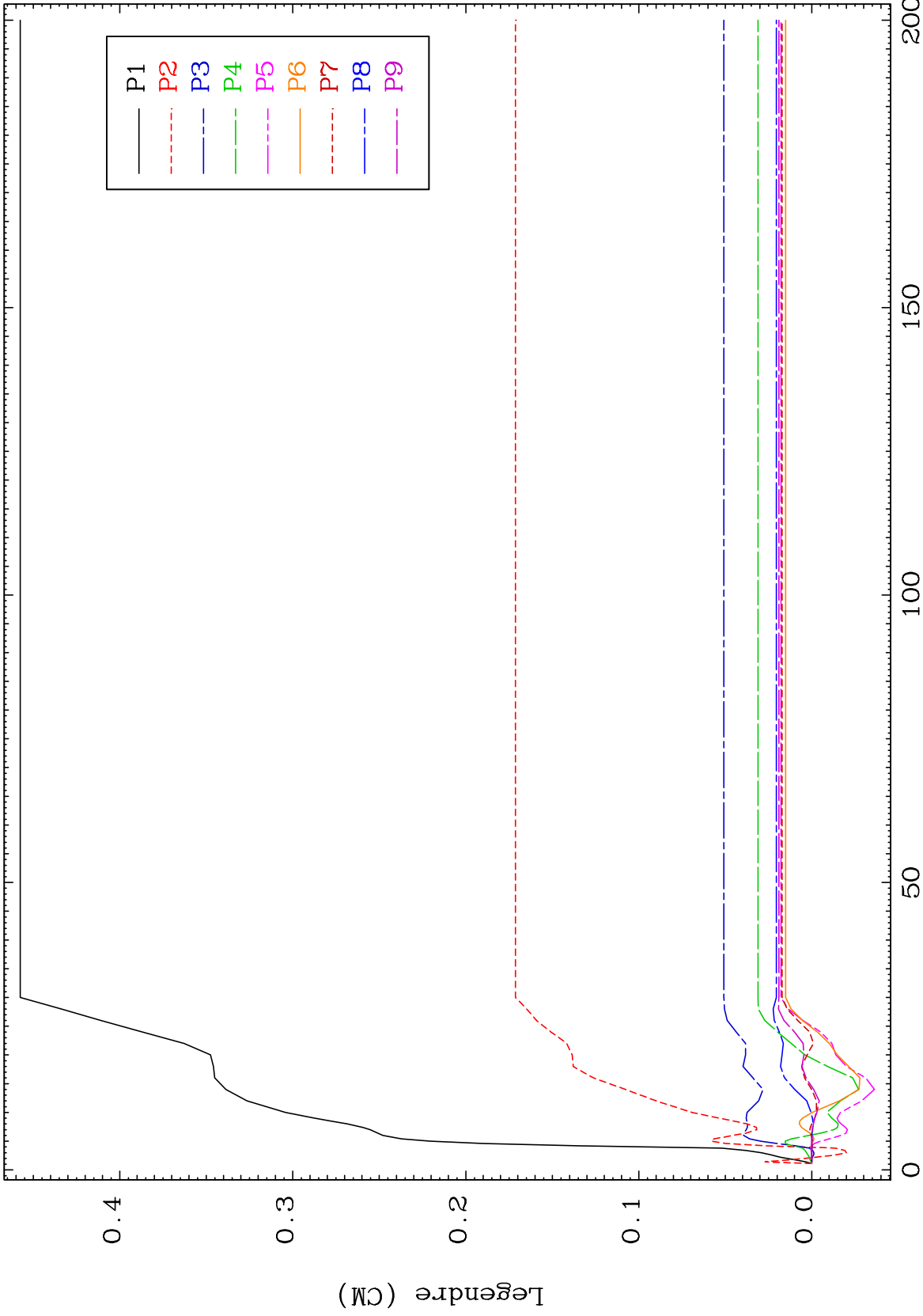
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



28

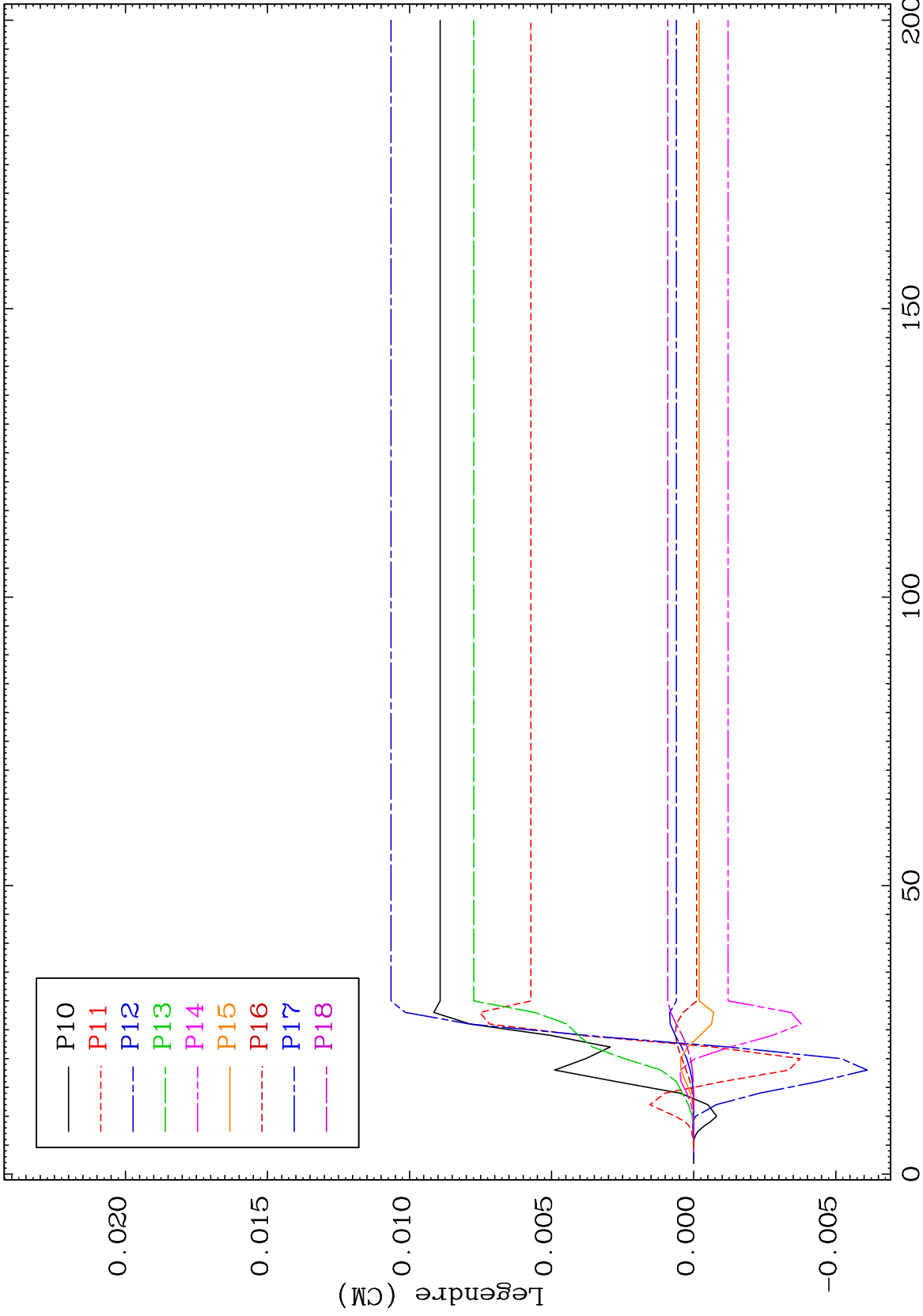
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



29

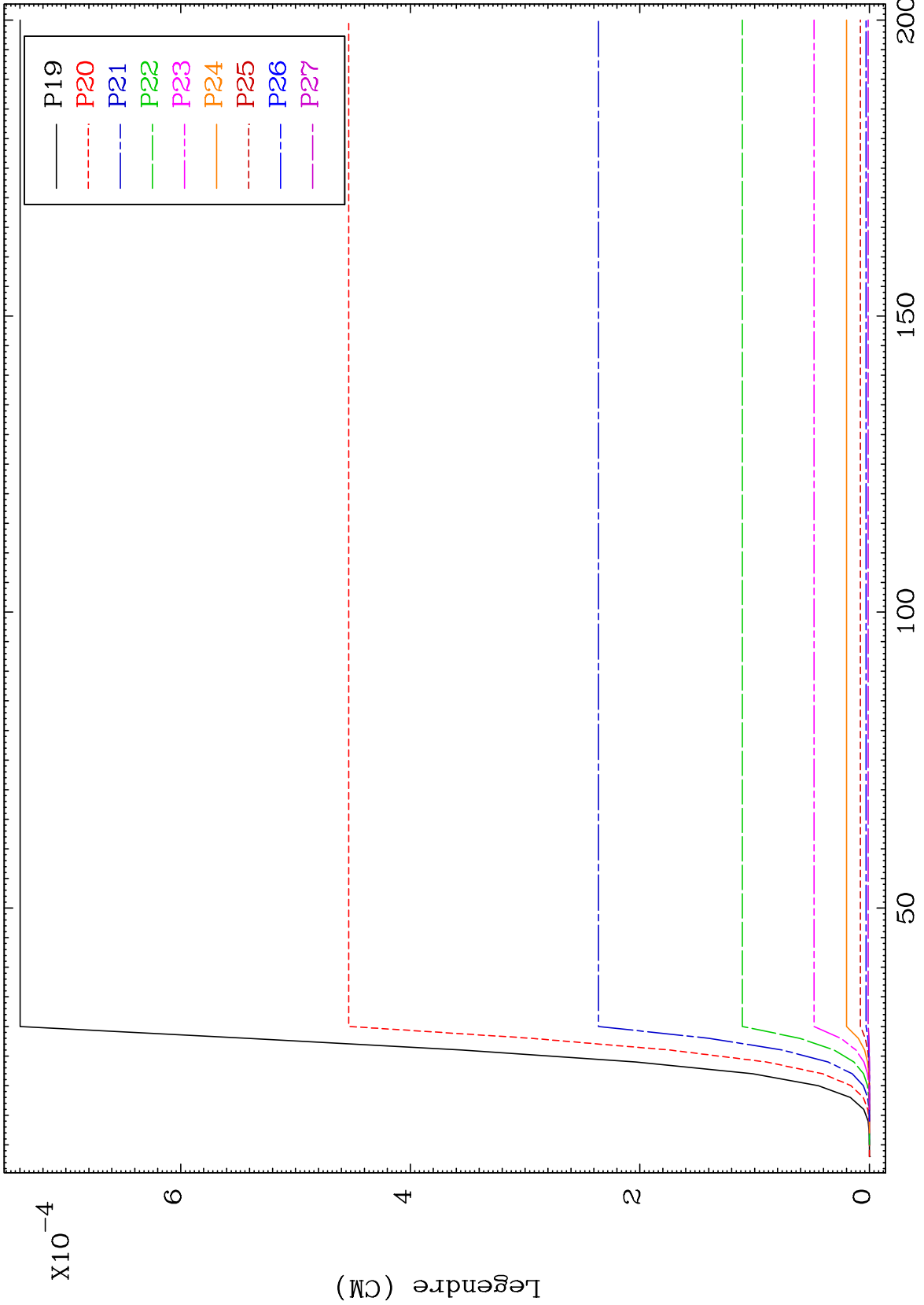
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



30

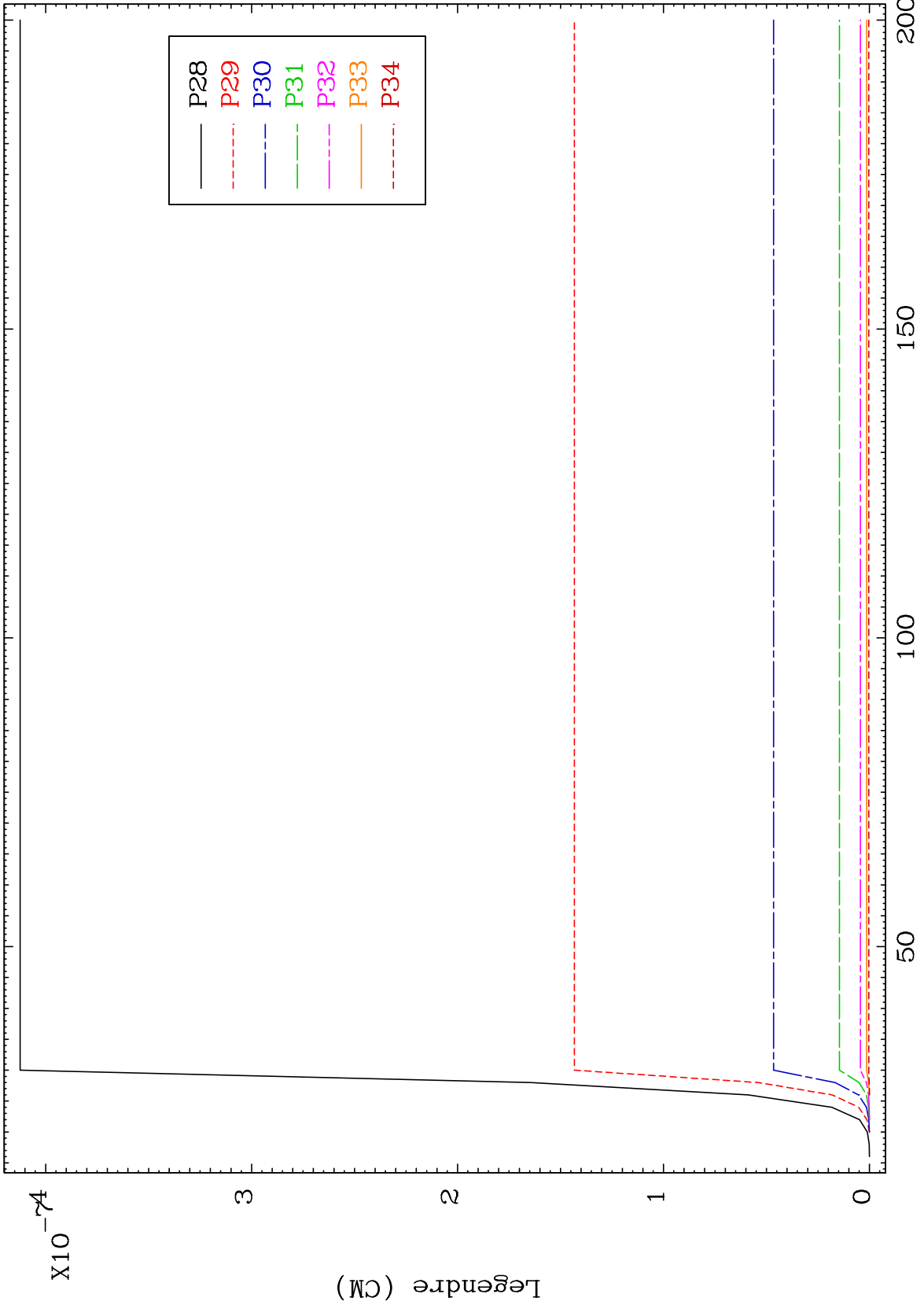
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



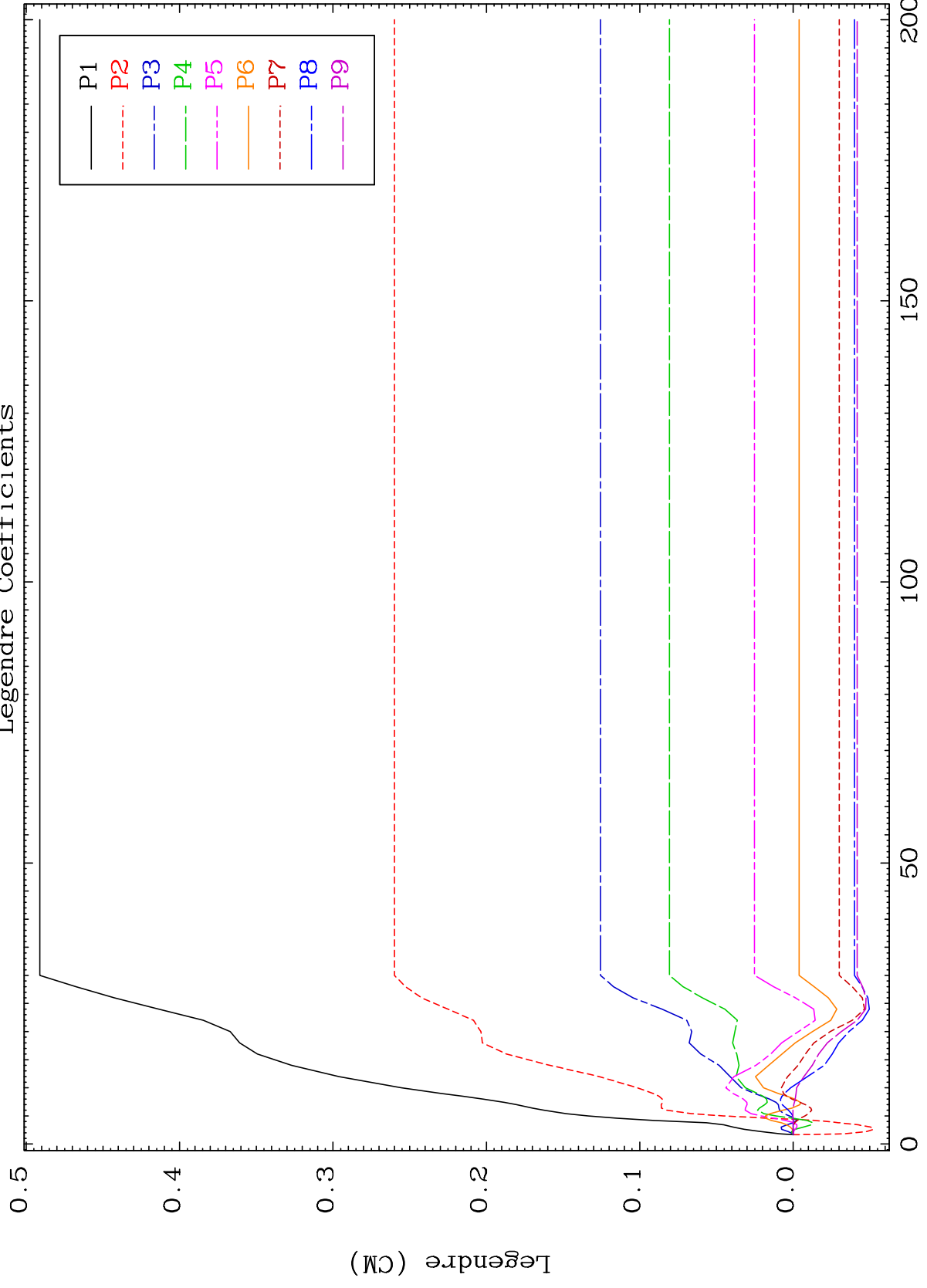
31

Incident Energy (MeV)

39-Y -95



MAT 3943 MT= 54 (n,n') Level Legendre Coefficients 39-Y -95

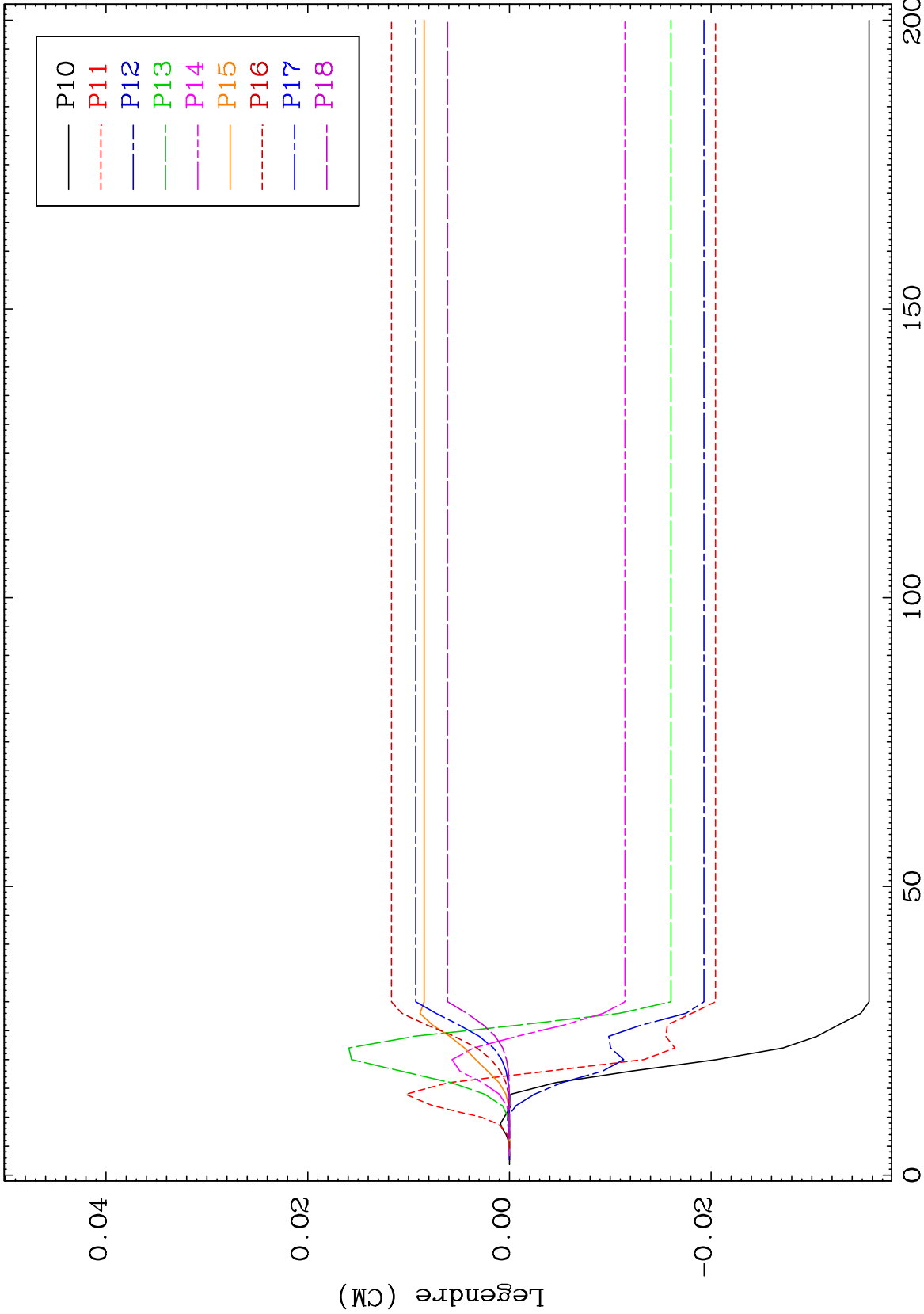


32 Incident Energy (MeV) 39-Y -95

MAT 3943

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

39-Y -95

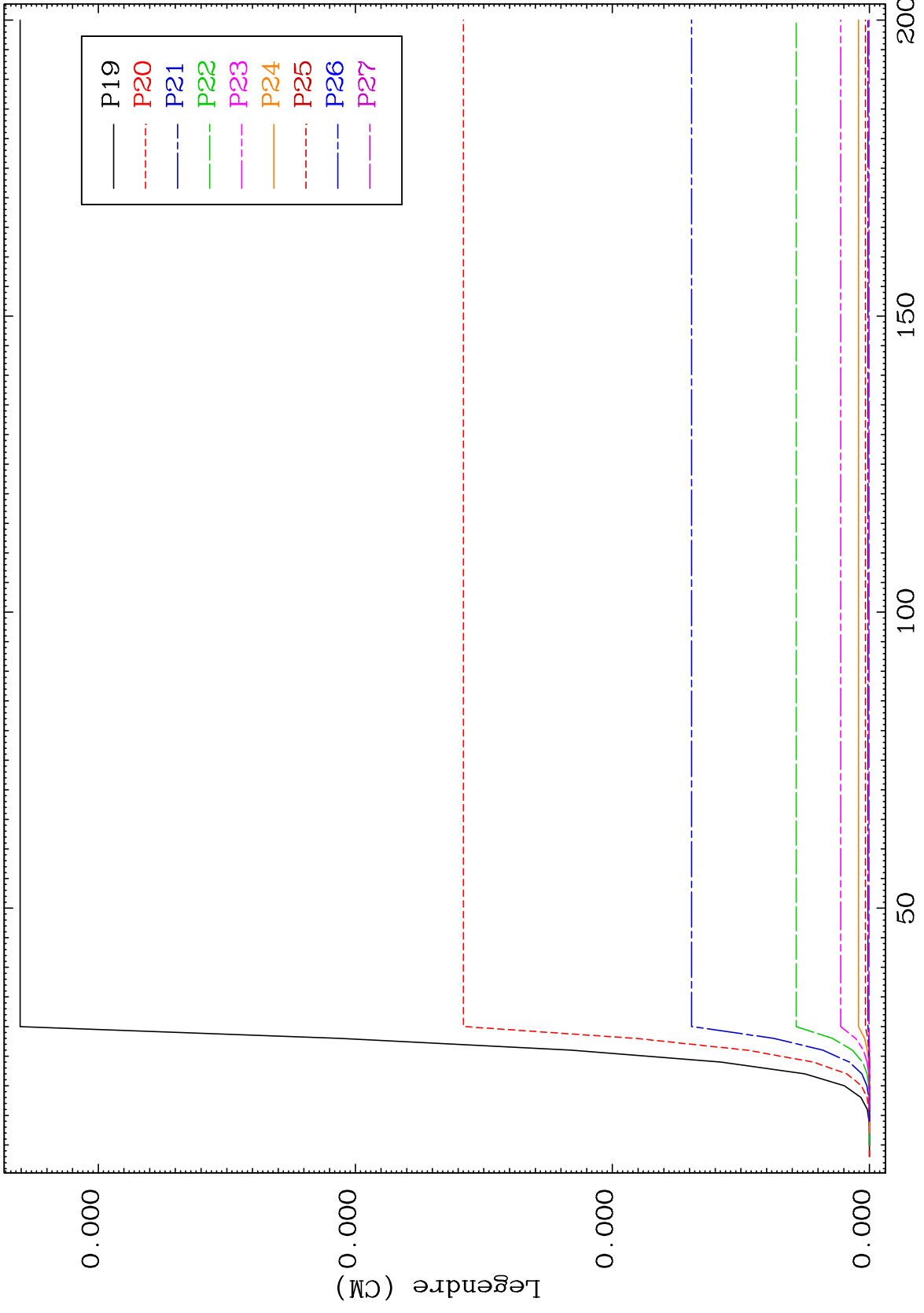


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Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 54 (n,n') Level Legendre Coefficients 39-Y -95

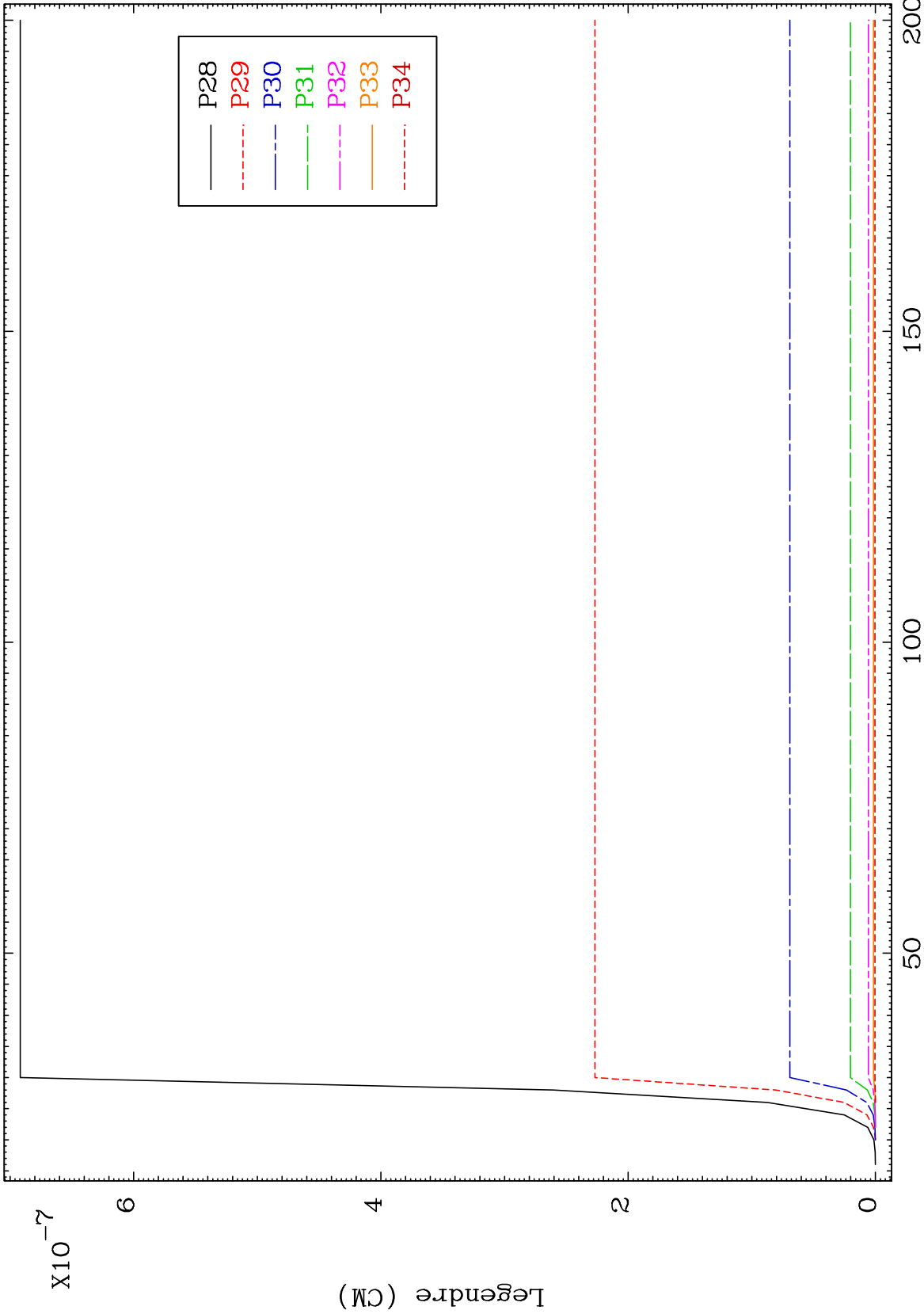


34 39-Y -95

MAT 3943

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

39-Y -95



35

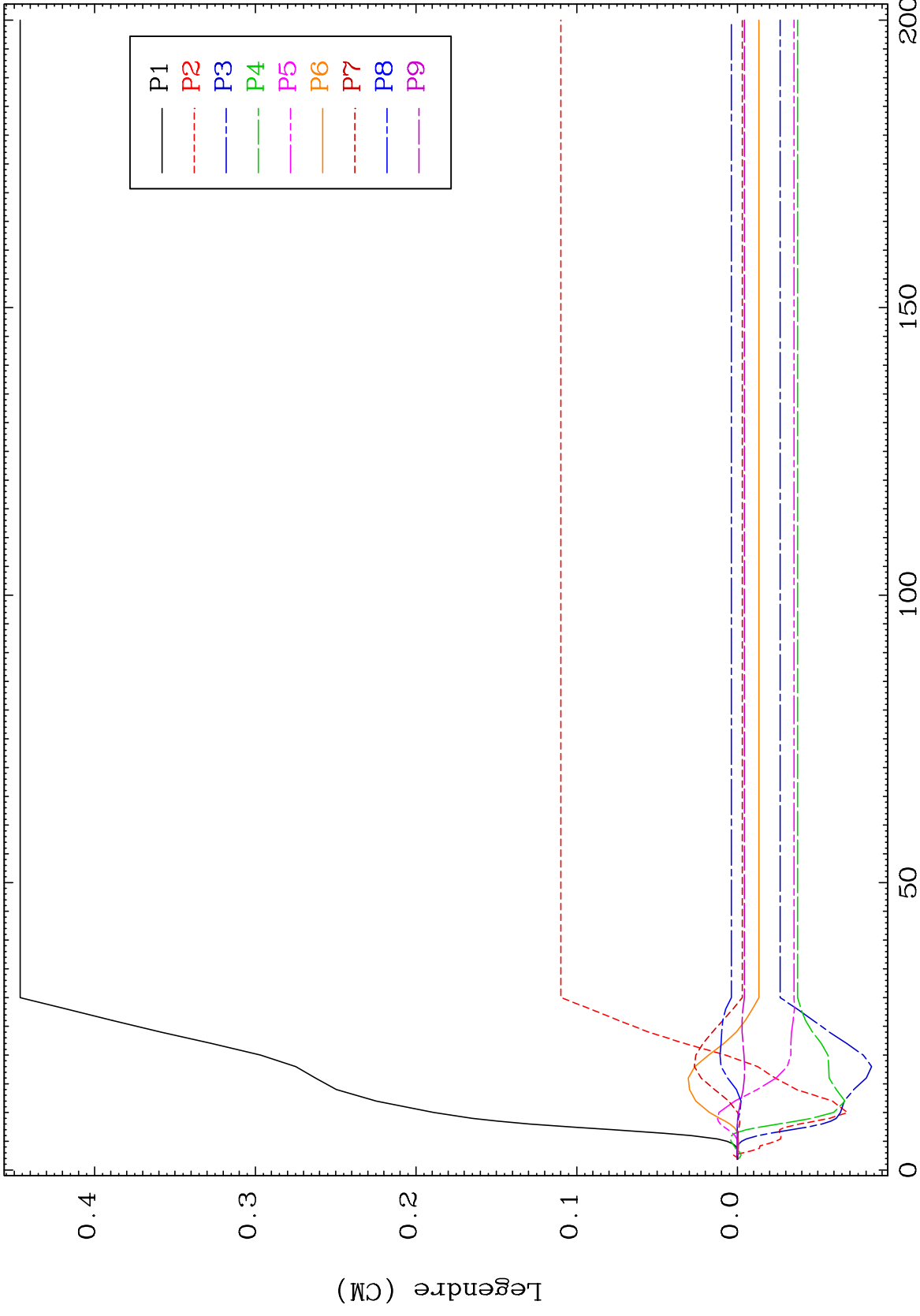
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95

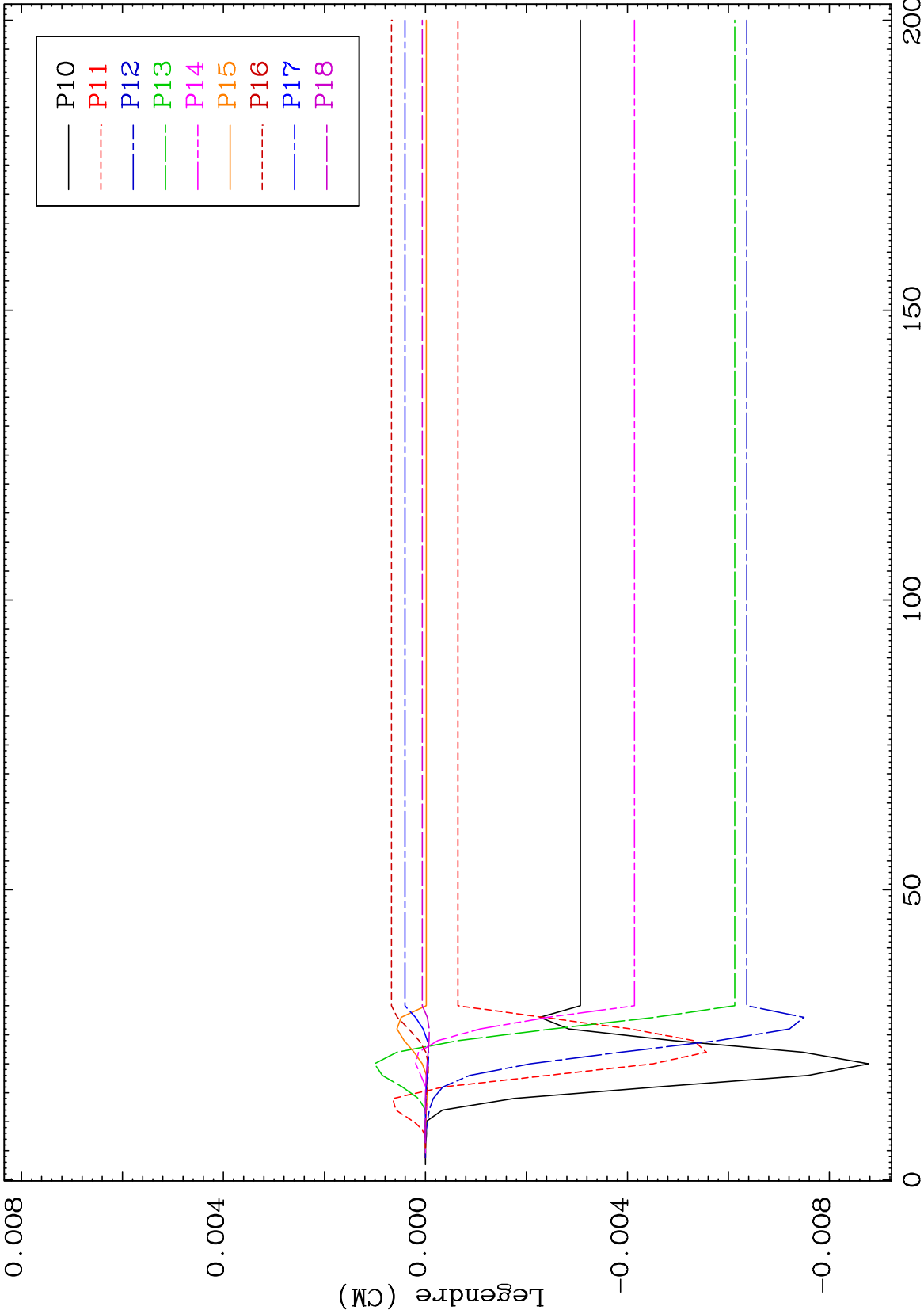


36

Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 55 (n,n') Level Legendre Coefficients 39-Y -95

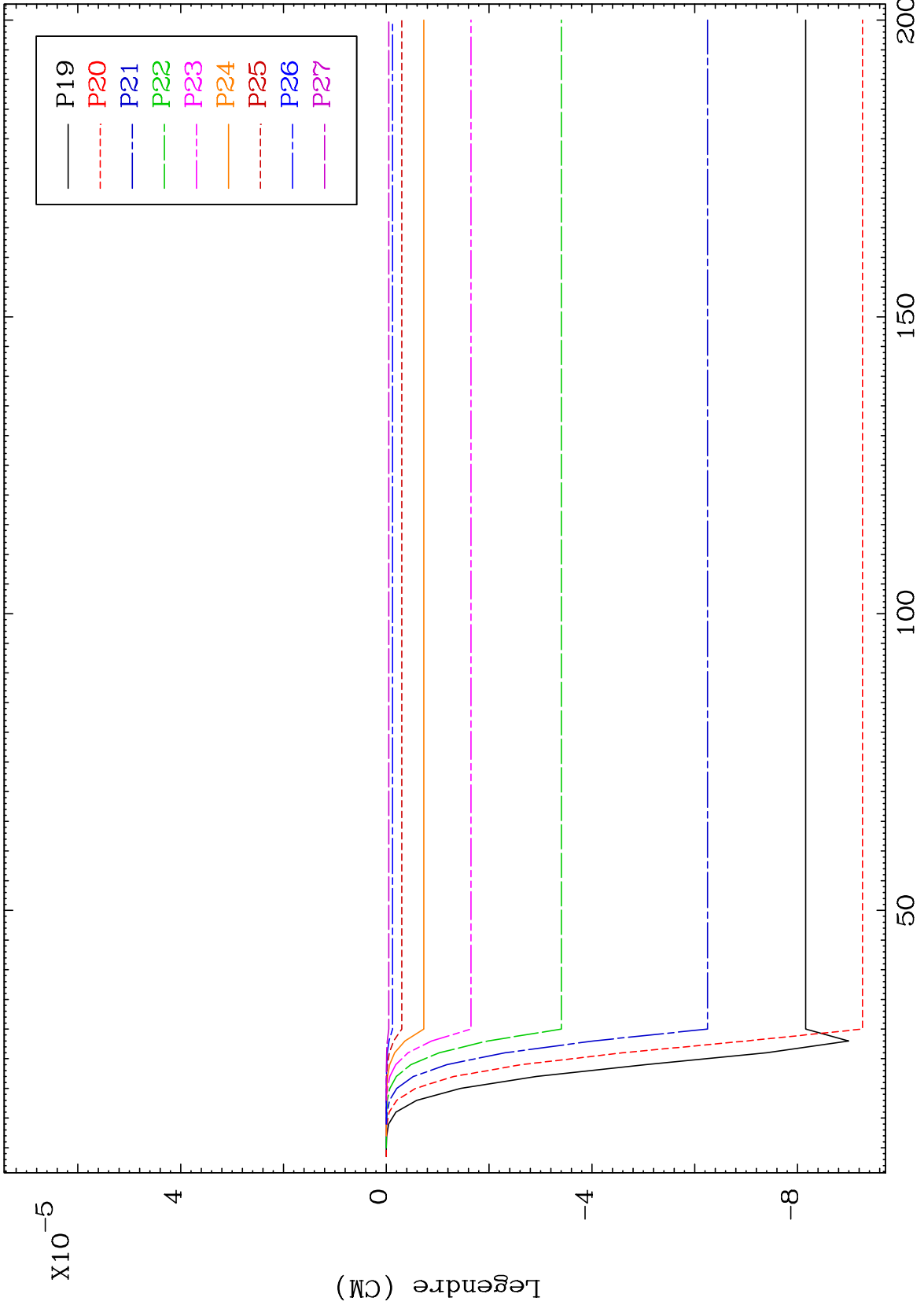


37 39-Y -95

MAT 3943

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

39-Y -95

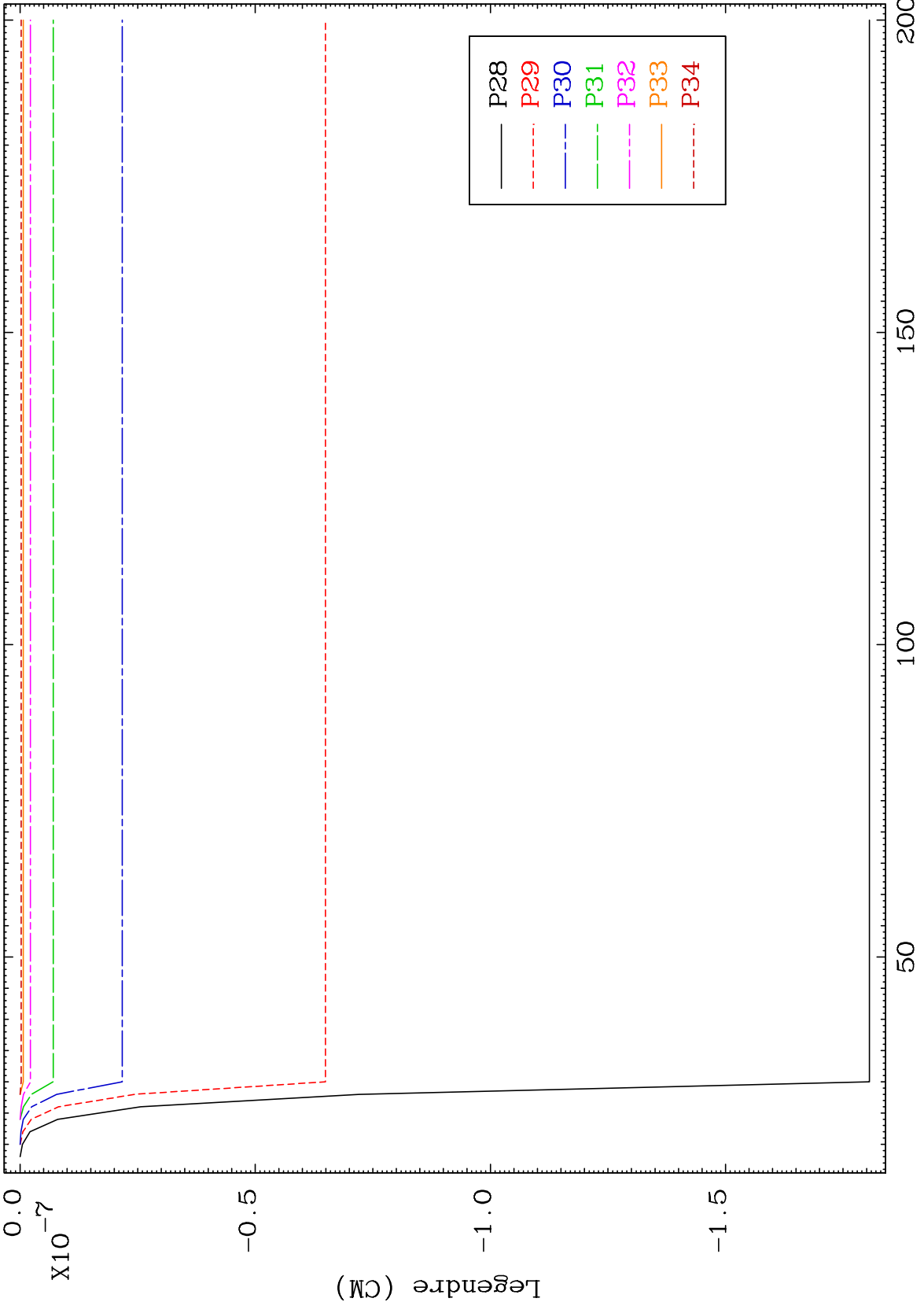


38

Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 55 (n,n') Level Legendre Coefficients 39-Y -95



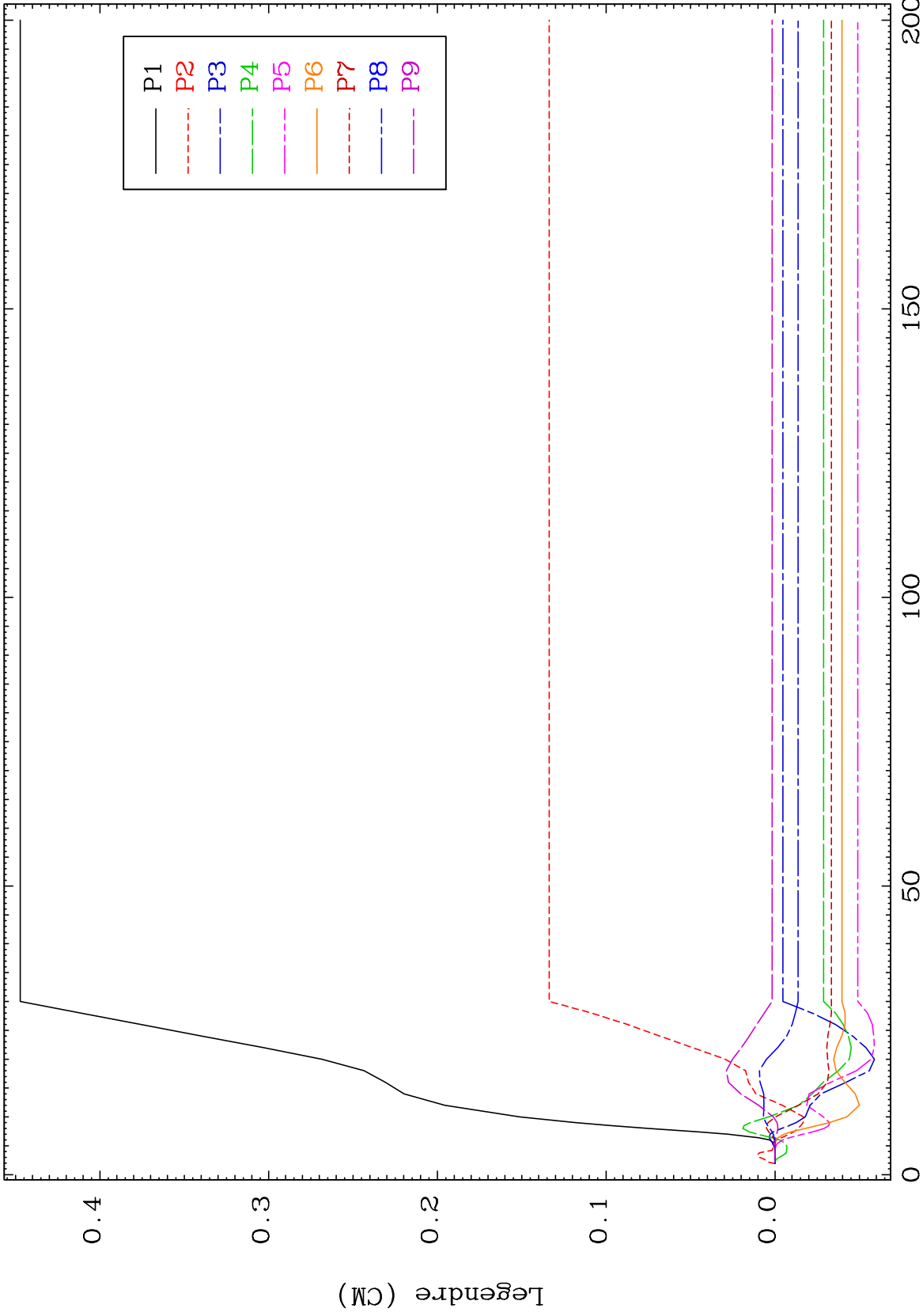
39 39-Y -95



MAT 3943

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

39-Y -95



40

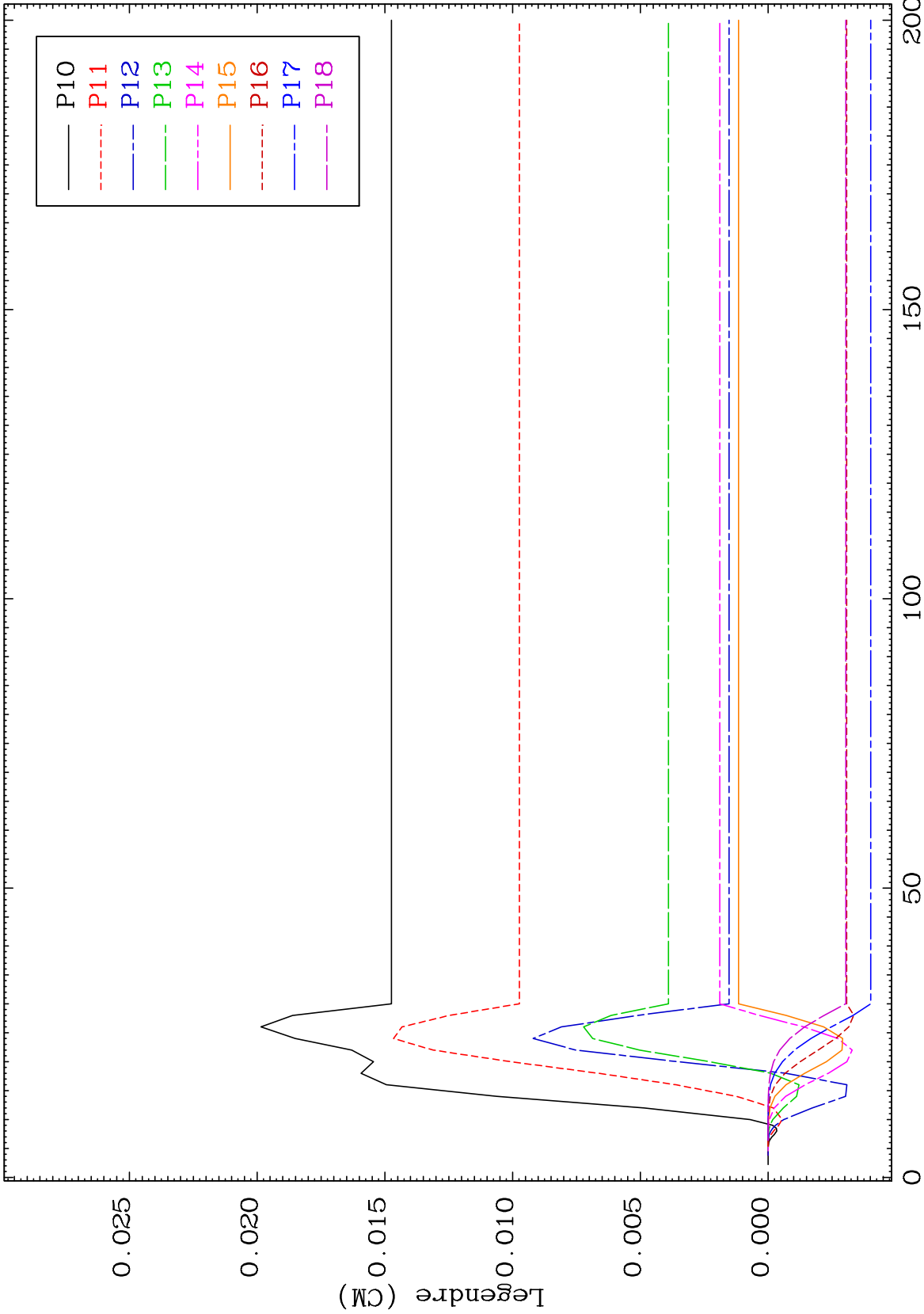
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



41

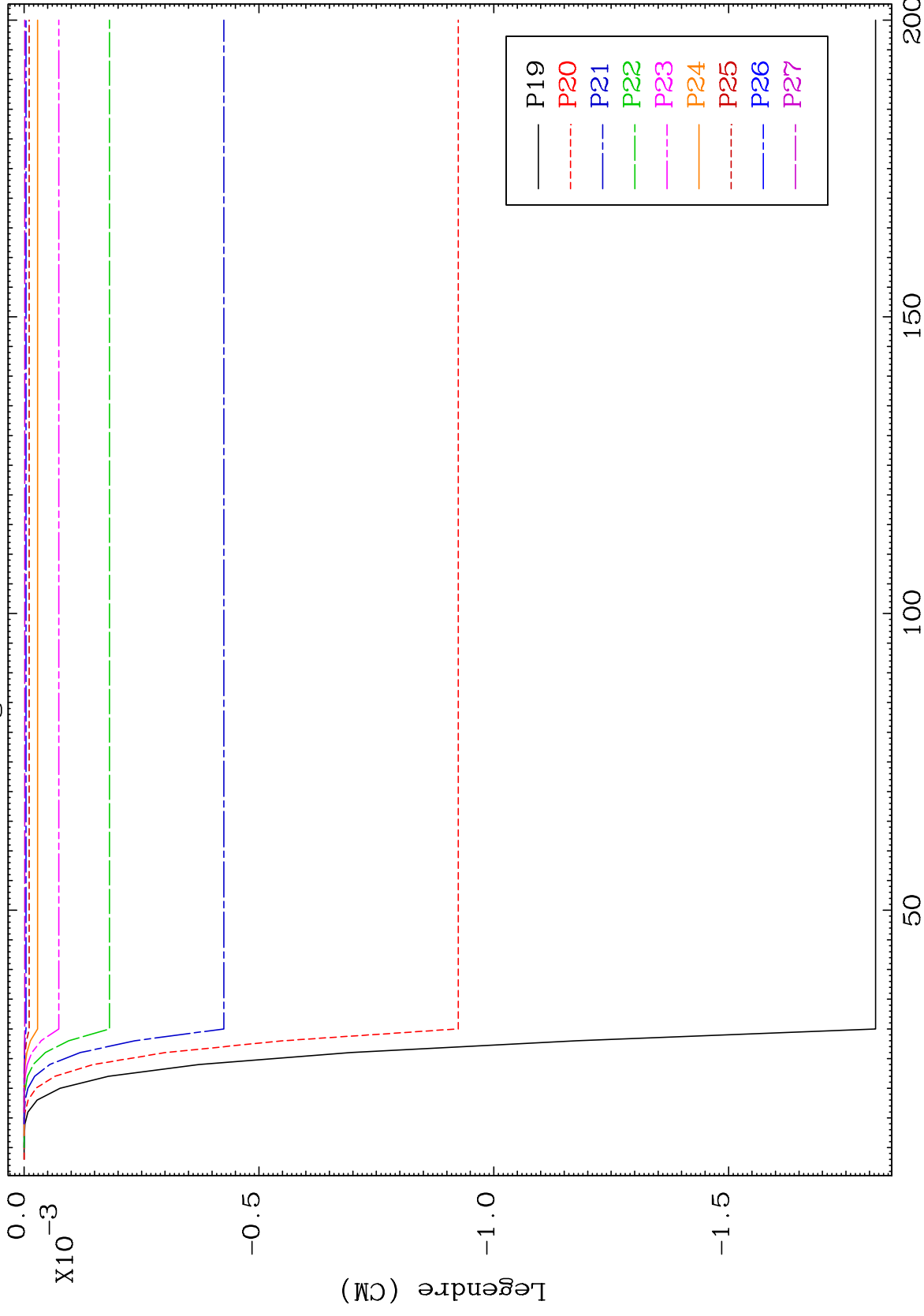
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95

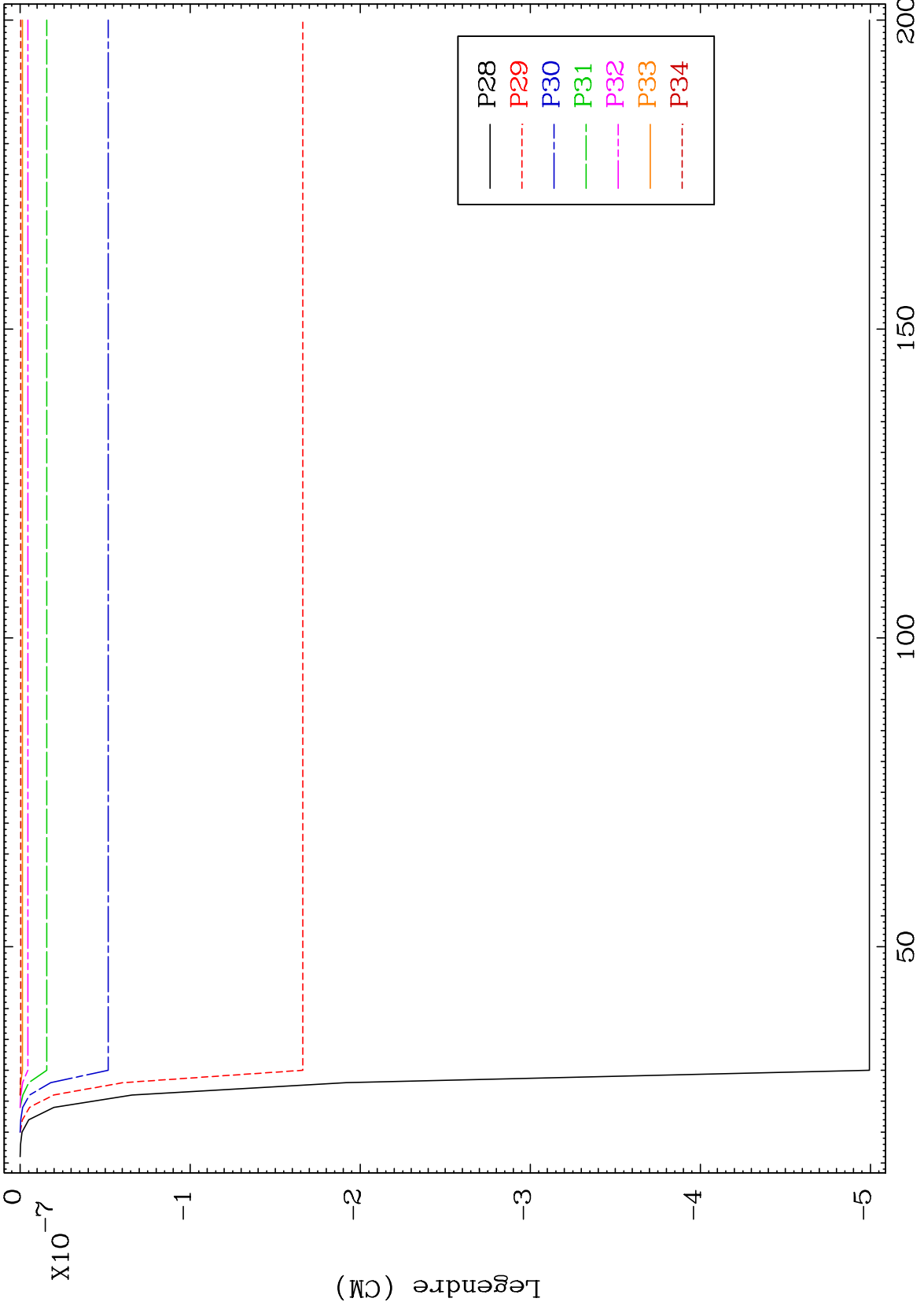


39-Y -95

Incident Energy (MeV)

42

MAT 3943 MT= 56 (n,n') Level Legendre Coefficients 39-Y -95

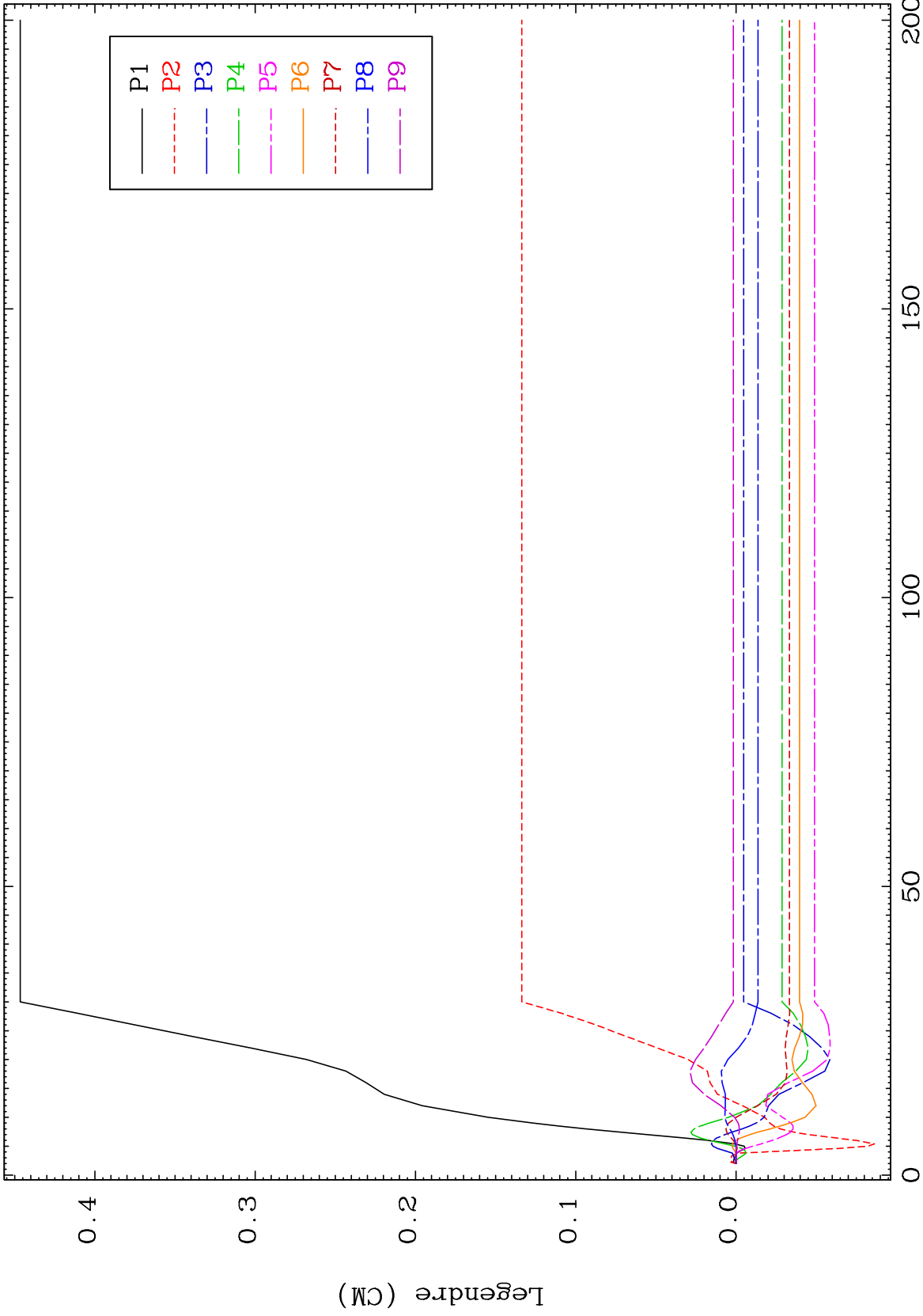


43 39-Y -95

MAT 3943

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

39-Y -95



44

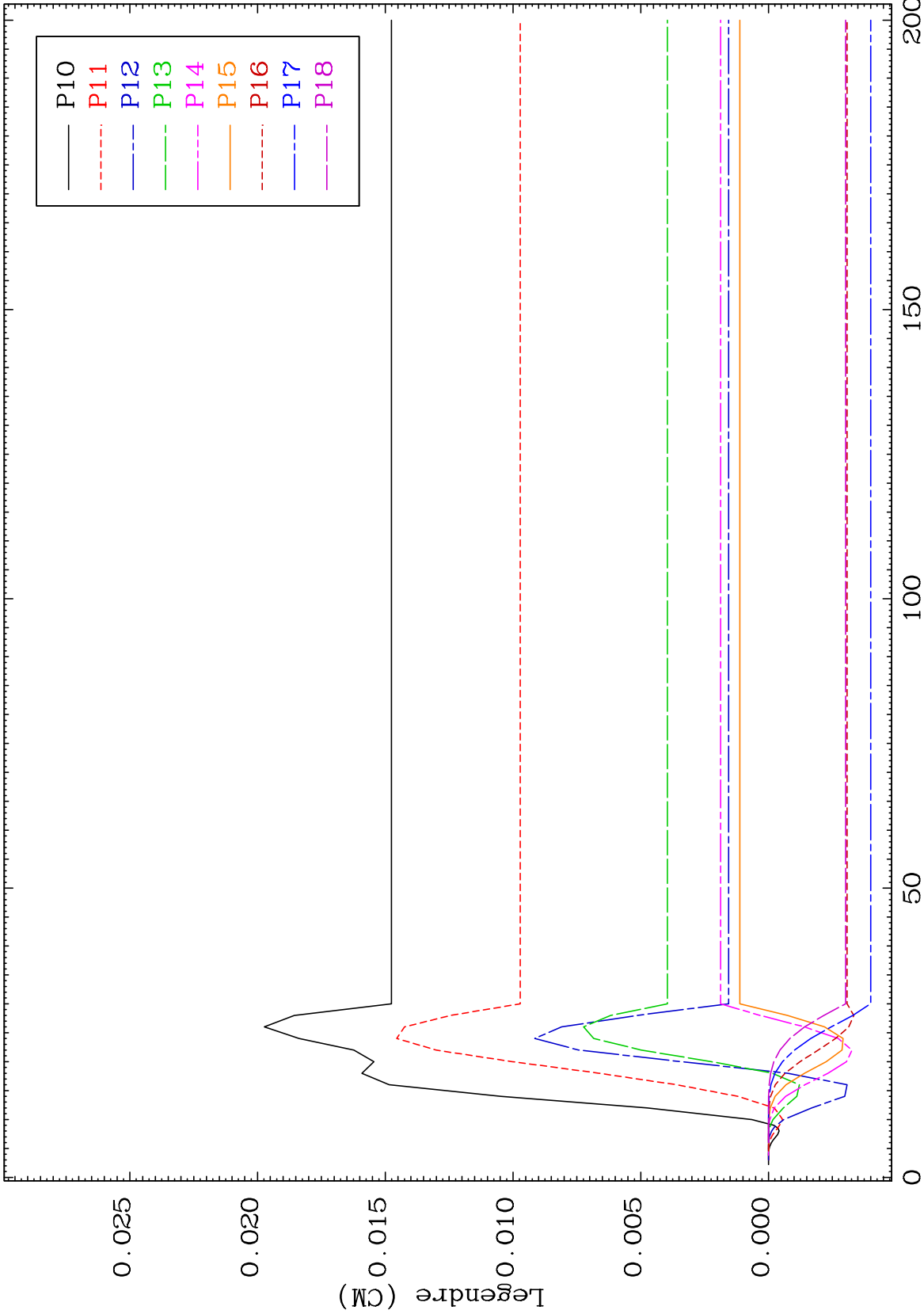
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



45

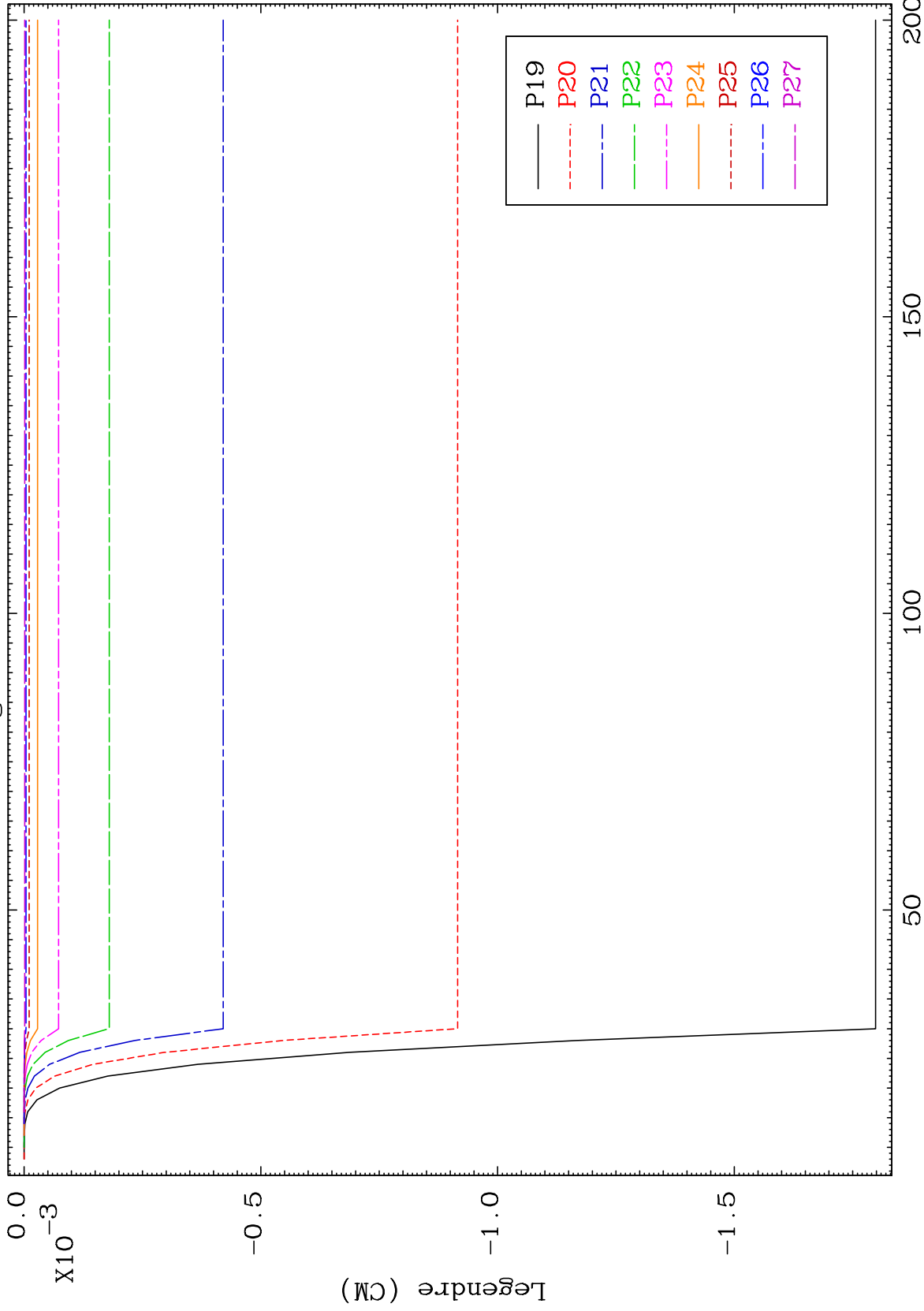
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95

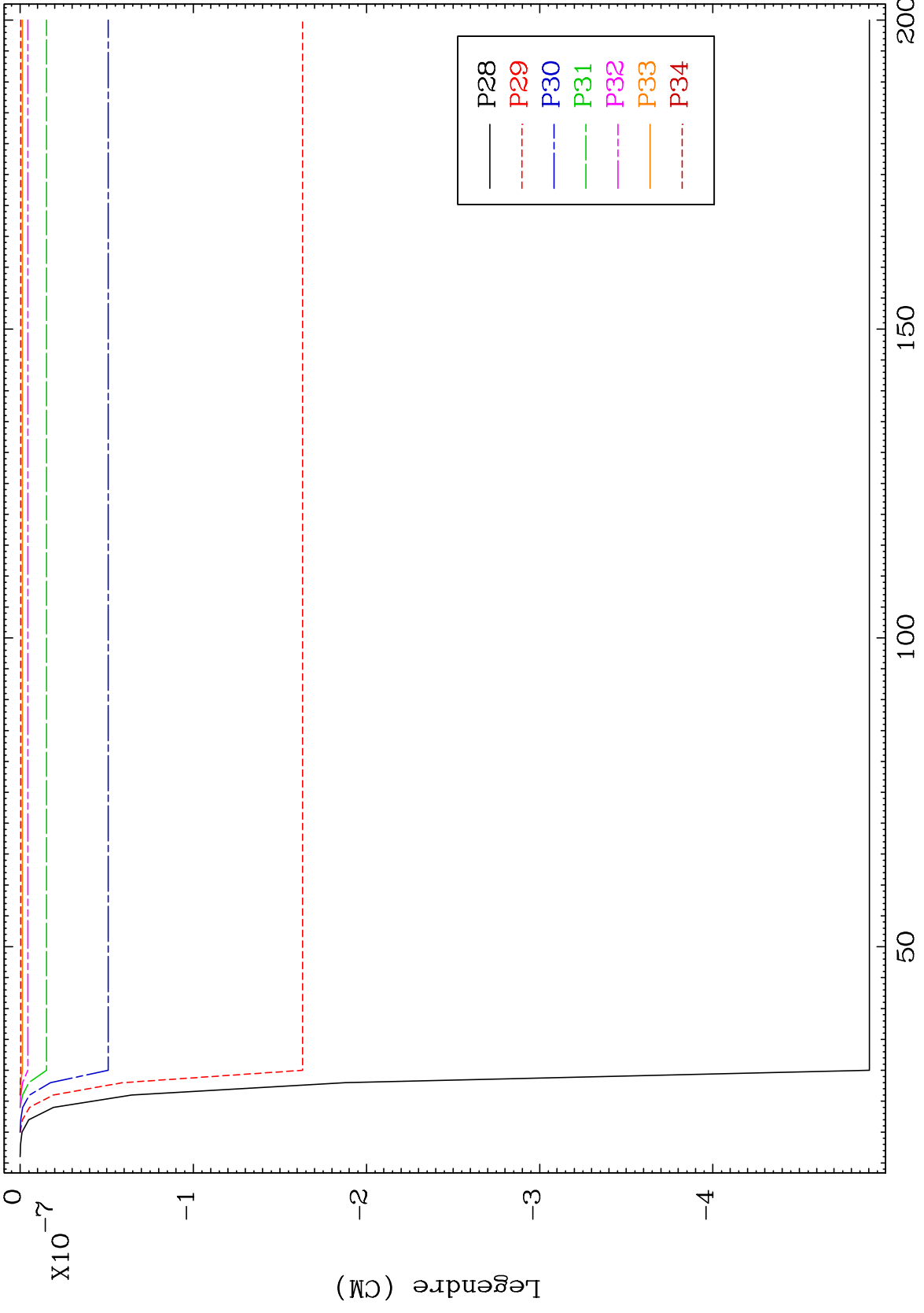


39-Y -95

Incident Energy (MeV)

46

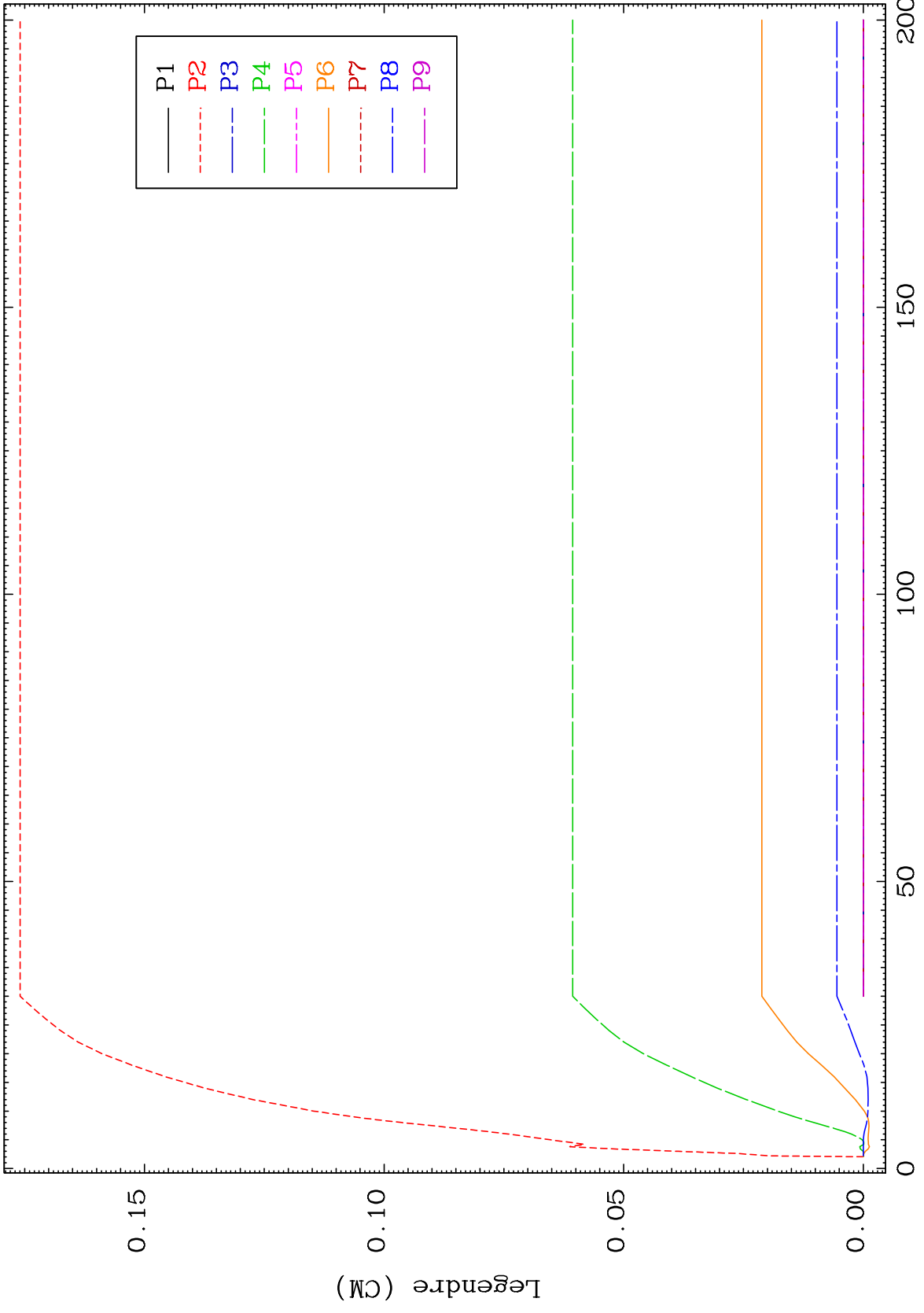
MAT 3943 MT= 57 (n,n') Level Legendre Coefficients 39-Y -95



47 Incident Energy (MeV) 39-Y -95

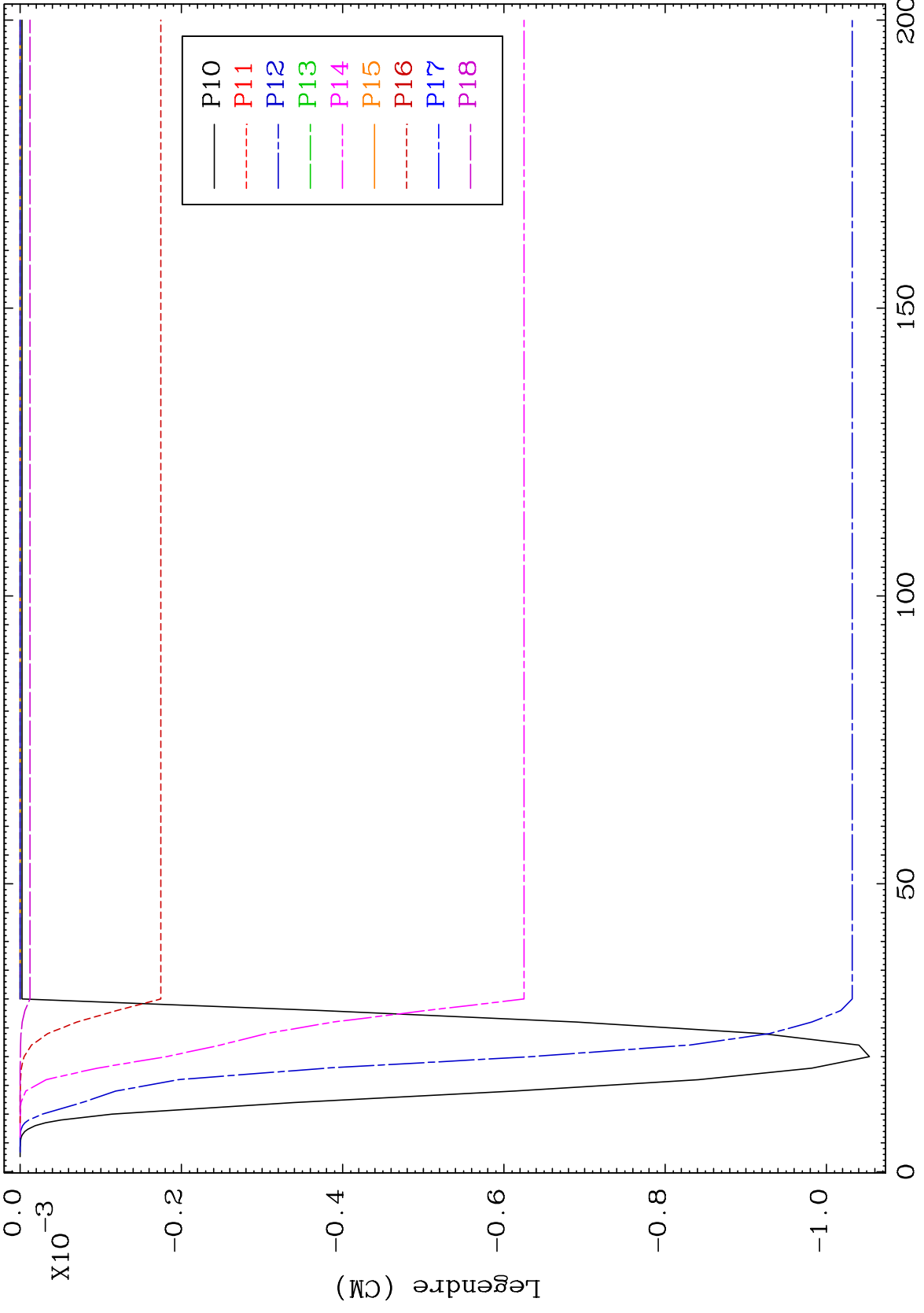


MAT 3943 MT= 58 (n,n') Level Legendre Coefficients 39-Y -95



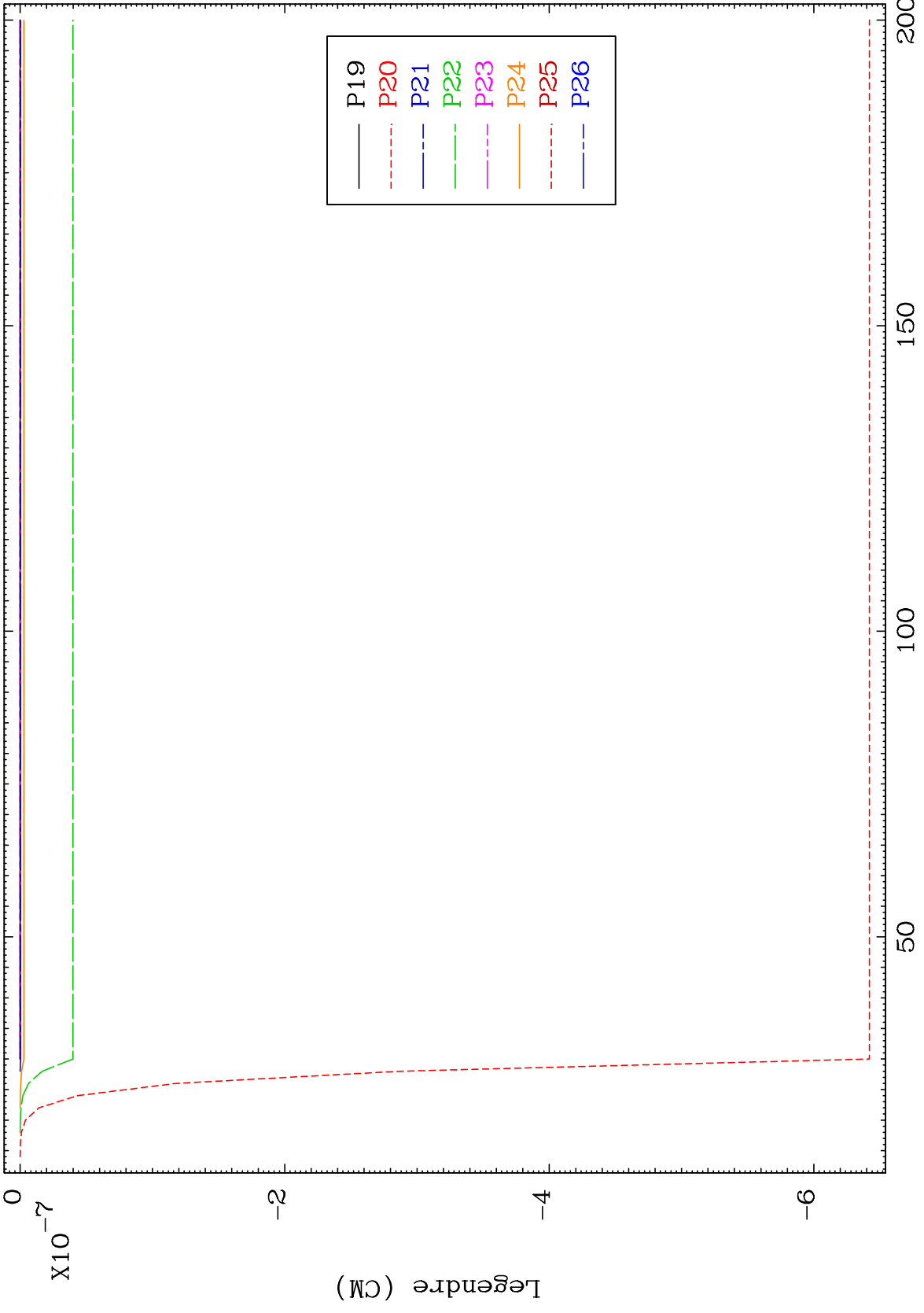
48 Incident Energy (MeV) 39-Y -95

MAT 3943 MT= 58 (n,n') Level Legendre Coefficients 39-Y -95



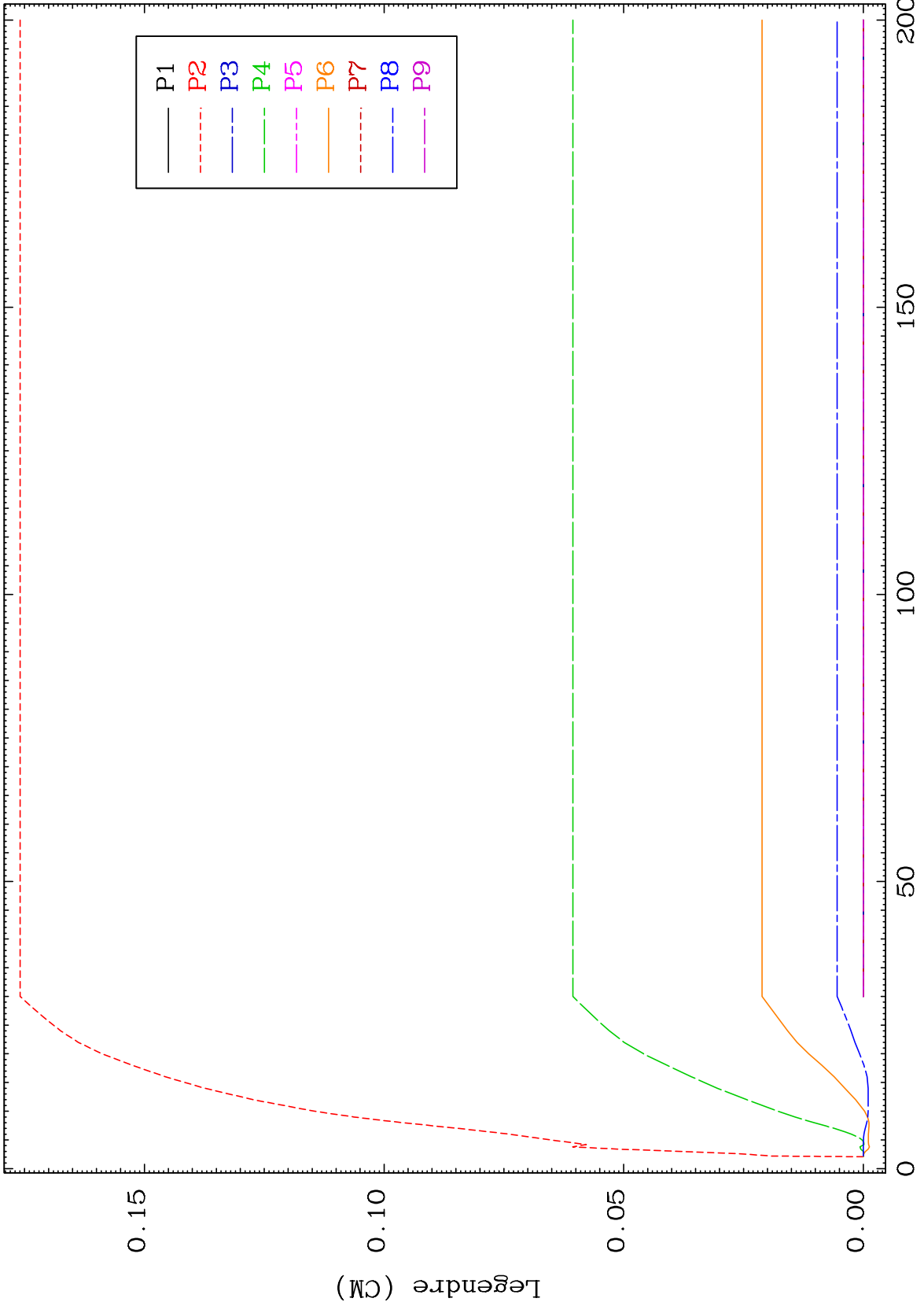
49 Incident Energy (MeV) 39-Y -95

MAT 3943 MT= 58 (n,n') Level Legendre Coefficients 39-Y -95



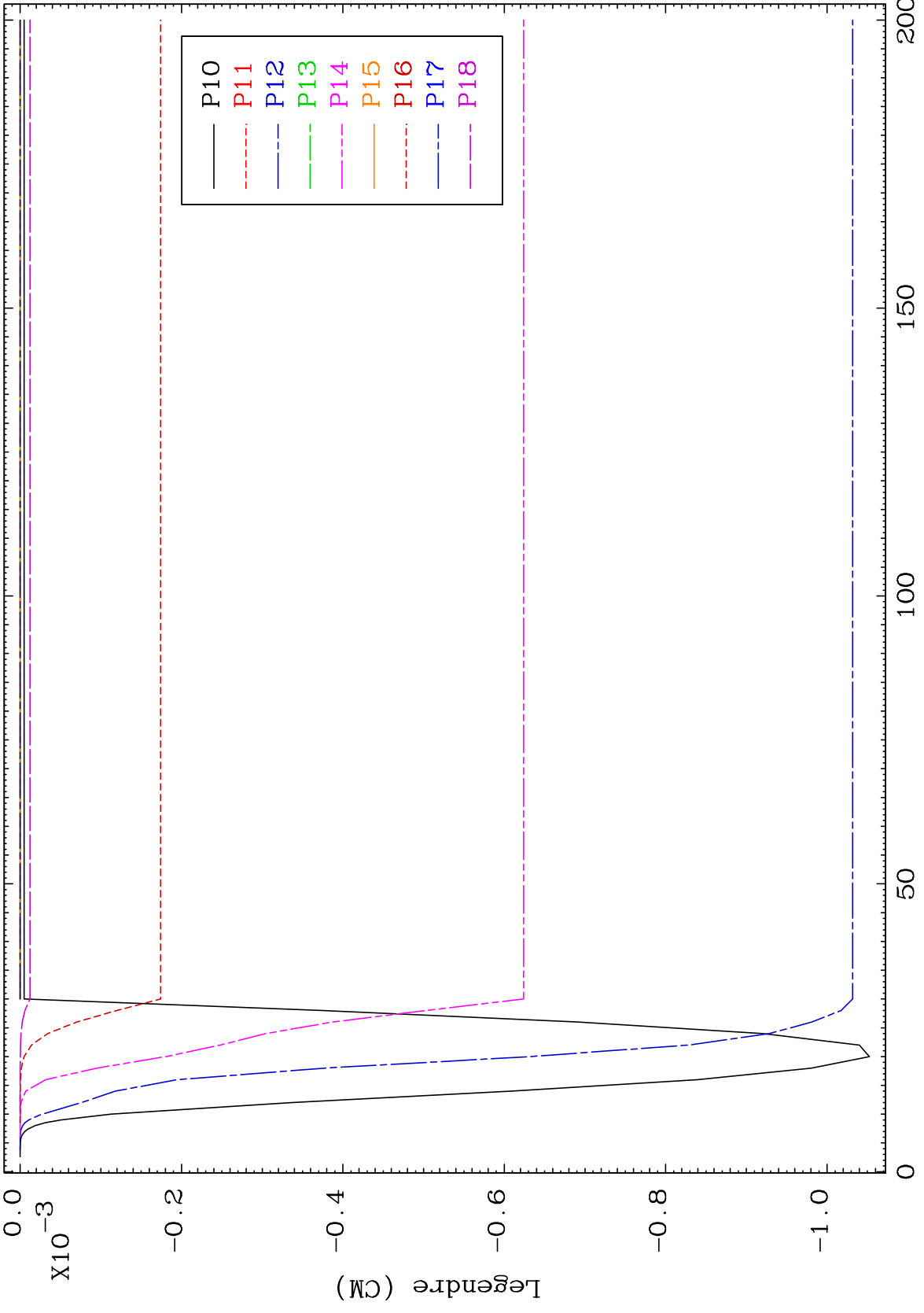
Incident Energy (MeV) 39-Y -95

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



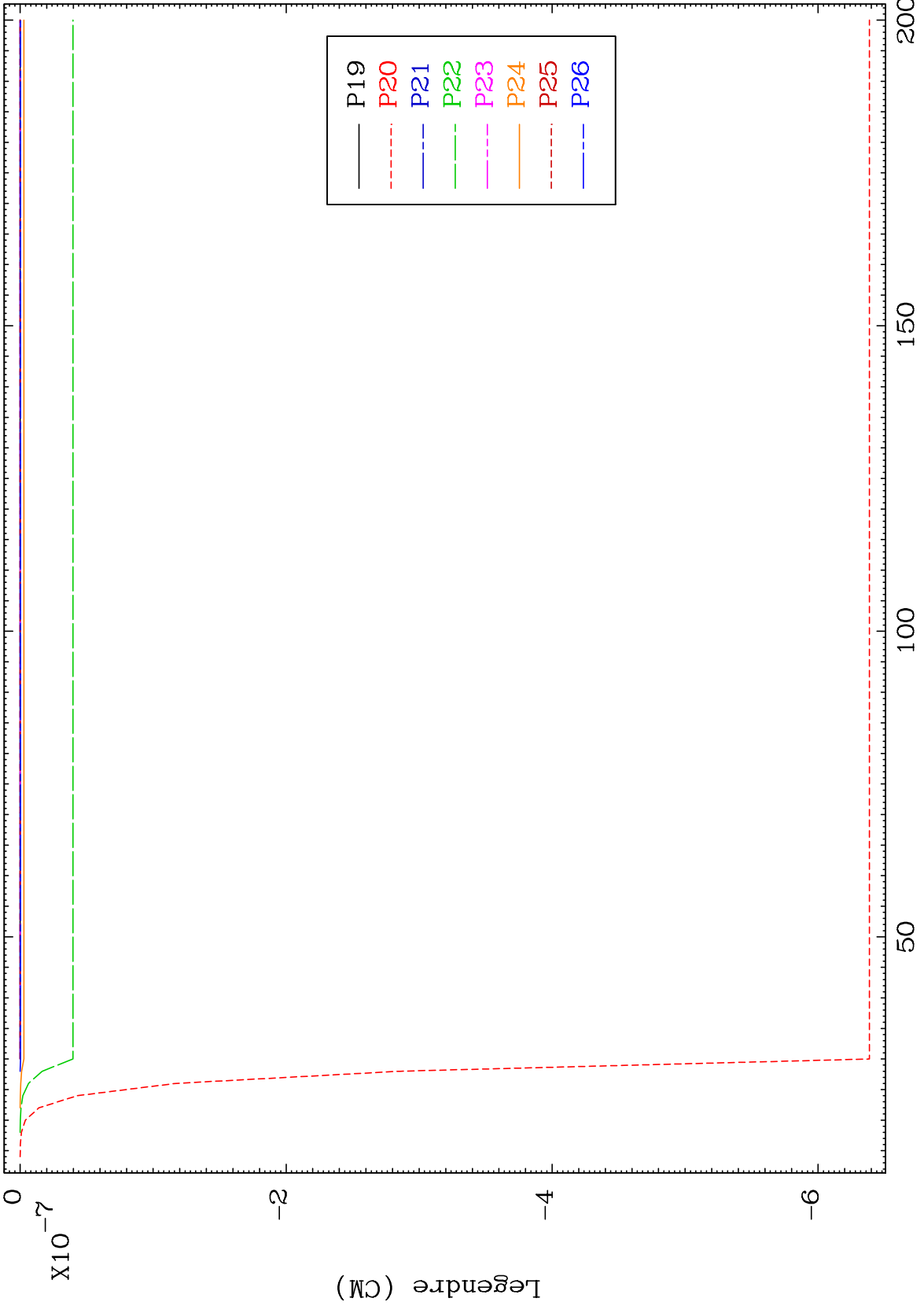
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MAT 3943 MT= 59 (n,n') Level Legendre Coefficients 39-Y -95



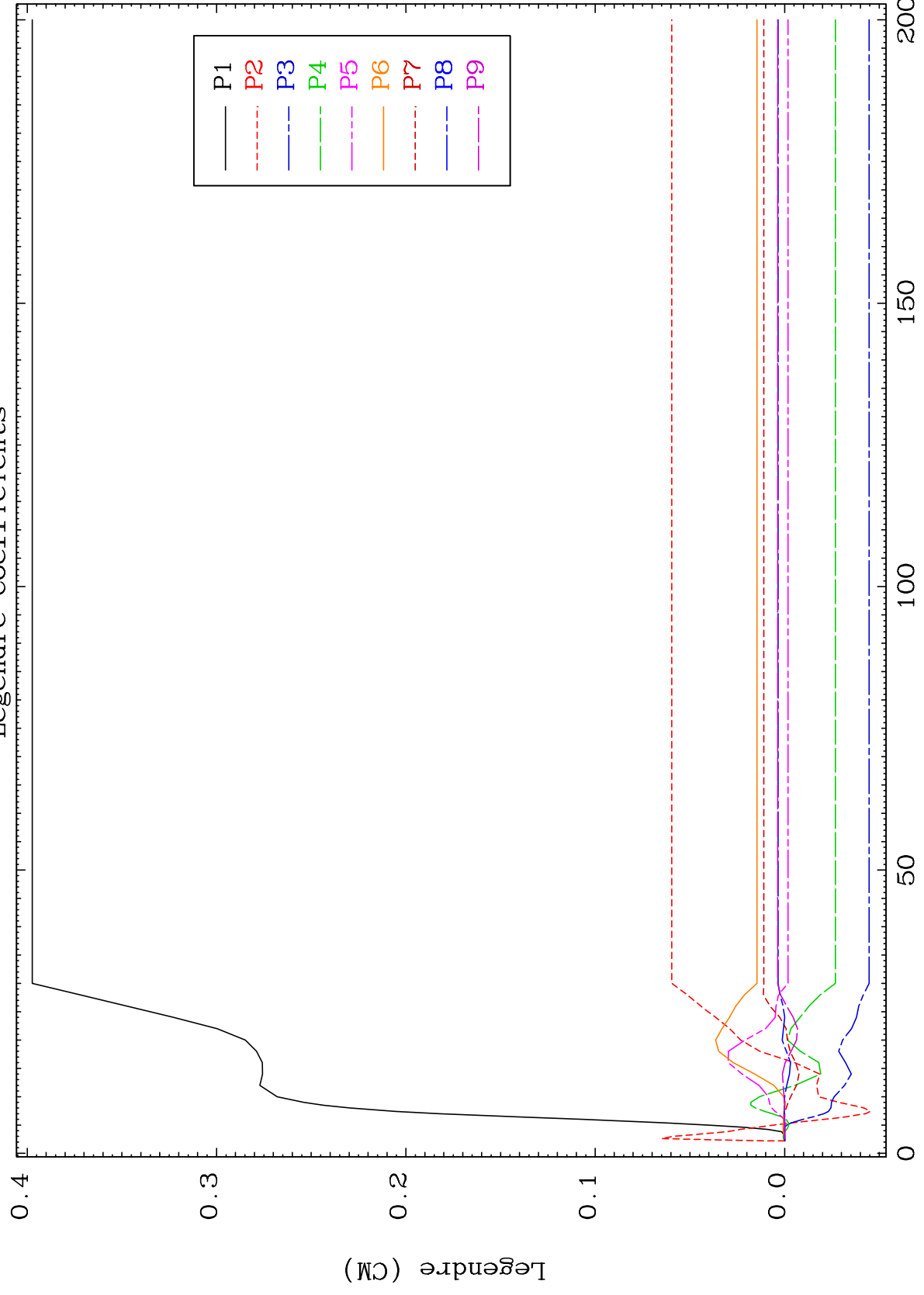
52 39-Y -95

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



53 39-Y -95

MAT 3943 MT= 60 (n,n') Level Legendre Coefficients 39-Y -95

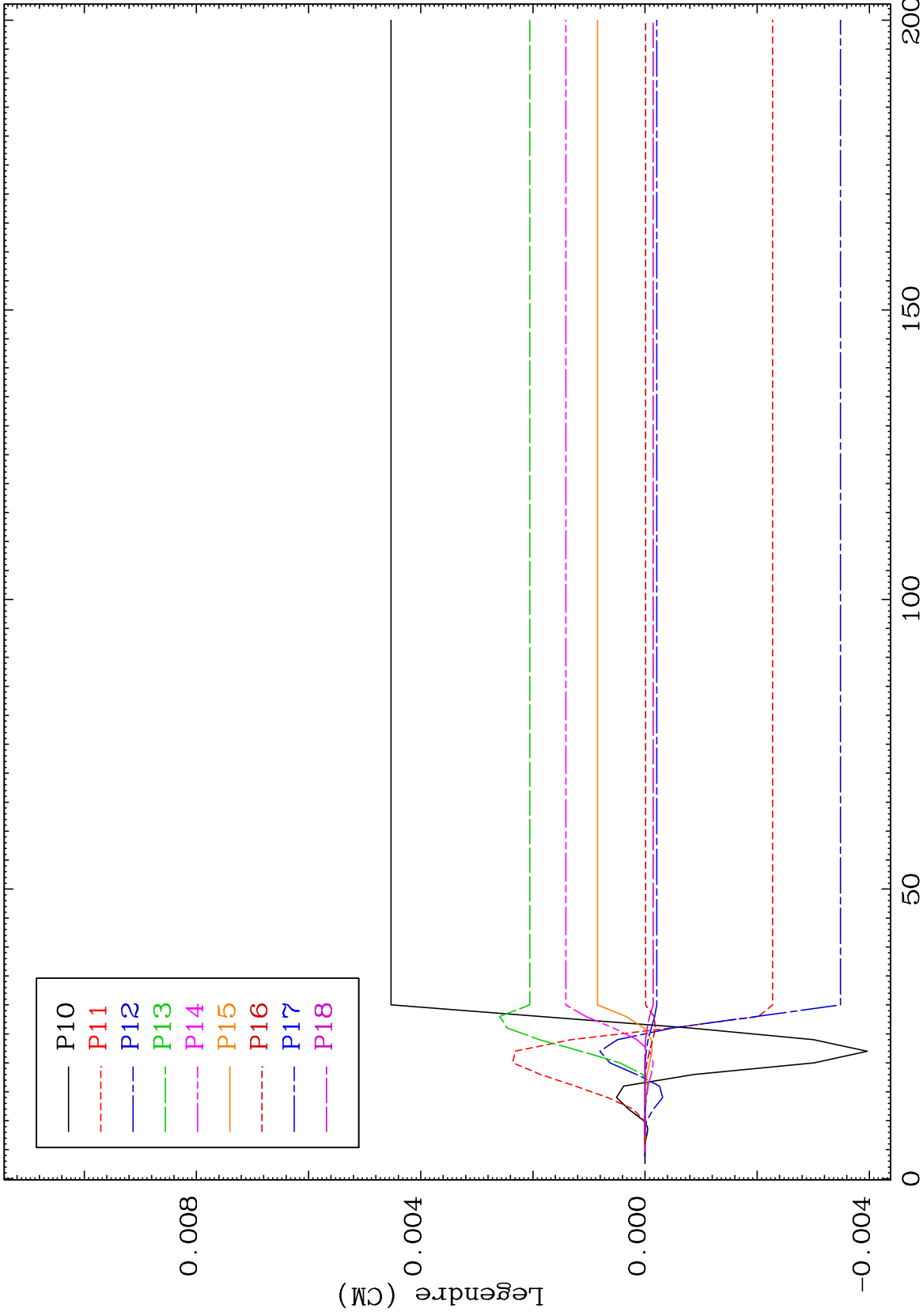


54 39-Y -95

MAT 3943

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

39-Y -95



55

Incident Energy (MeV)

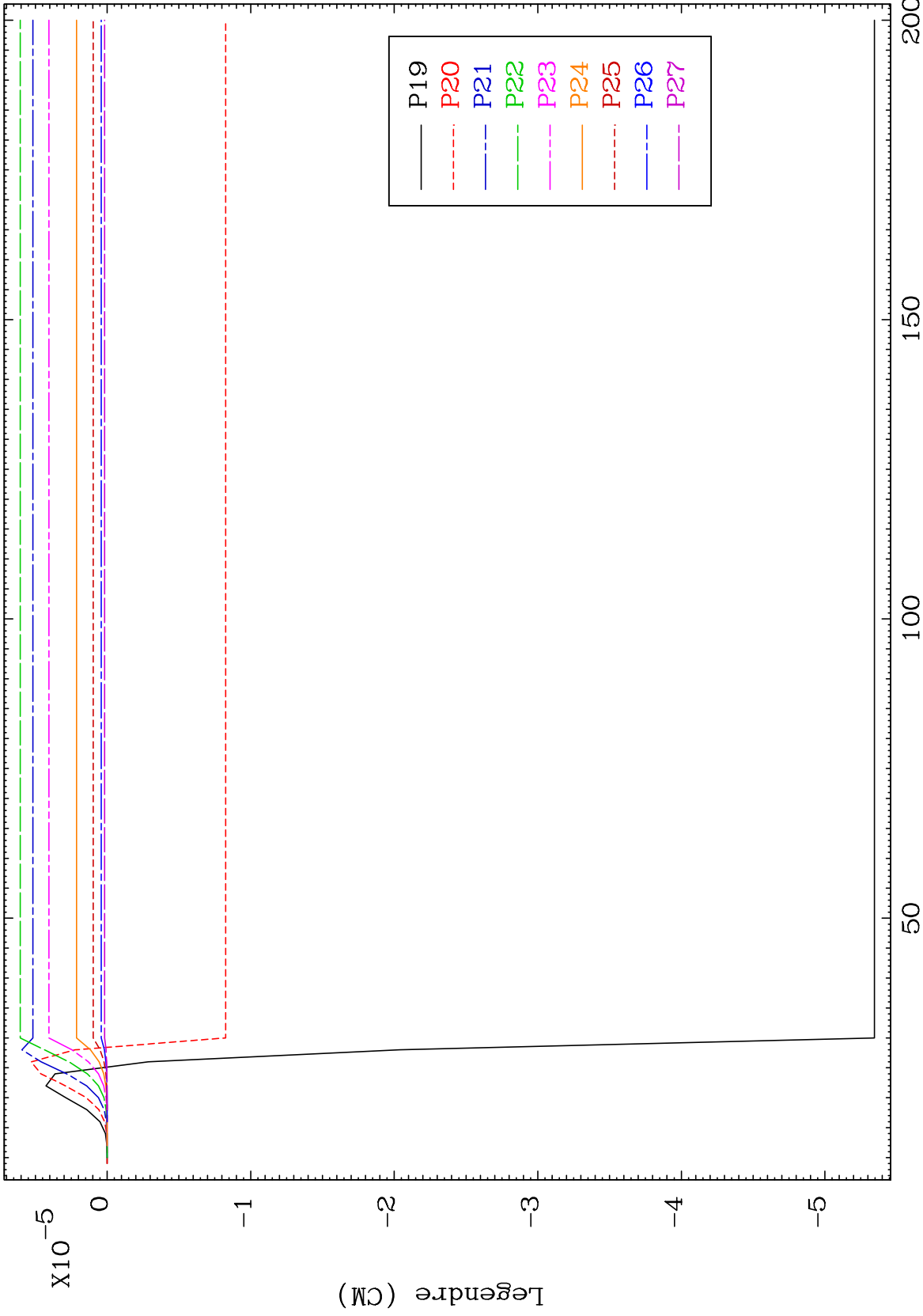
39-Y -95



MAT 3943

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

39-Y -95



56

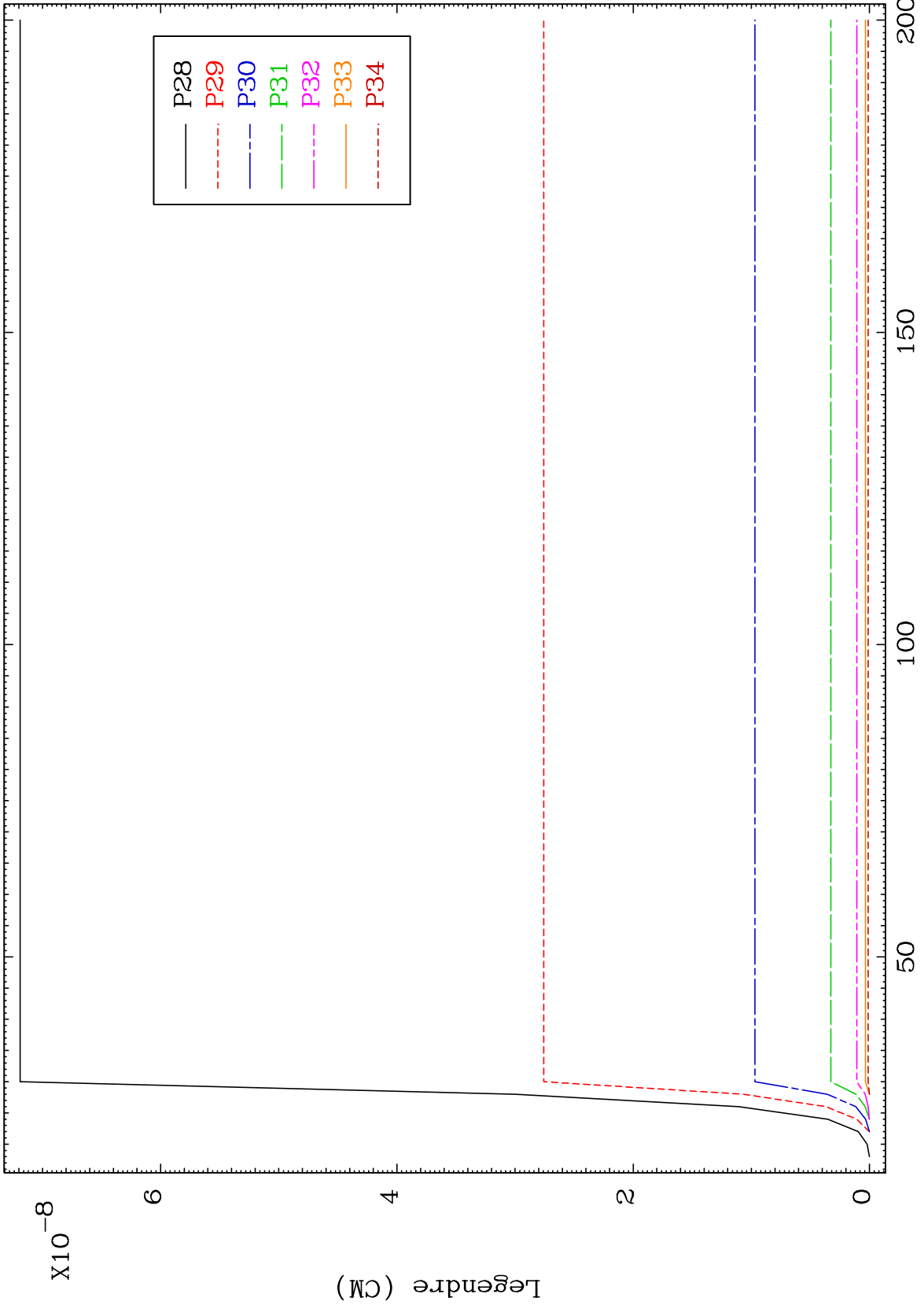
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



57

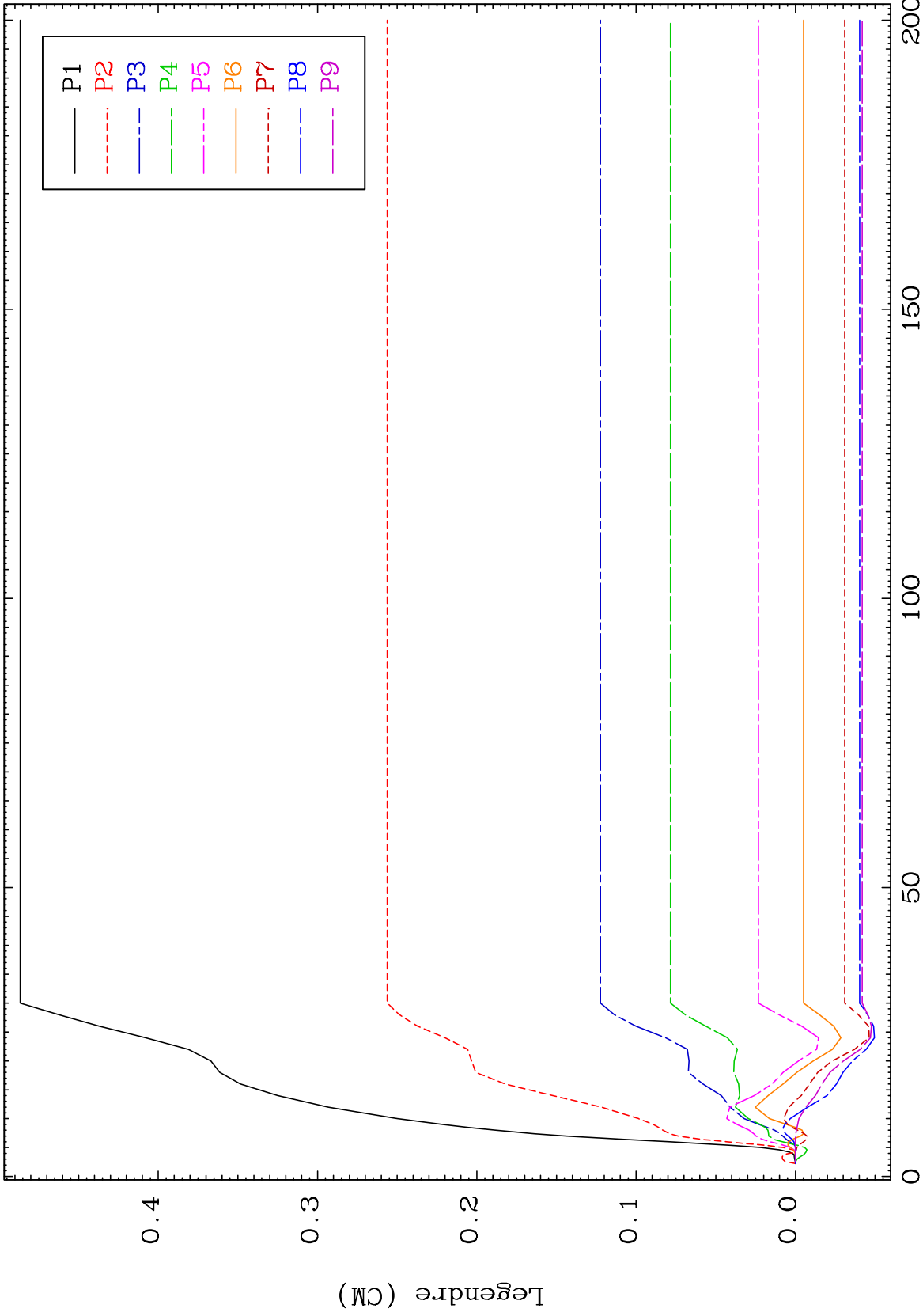
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



58

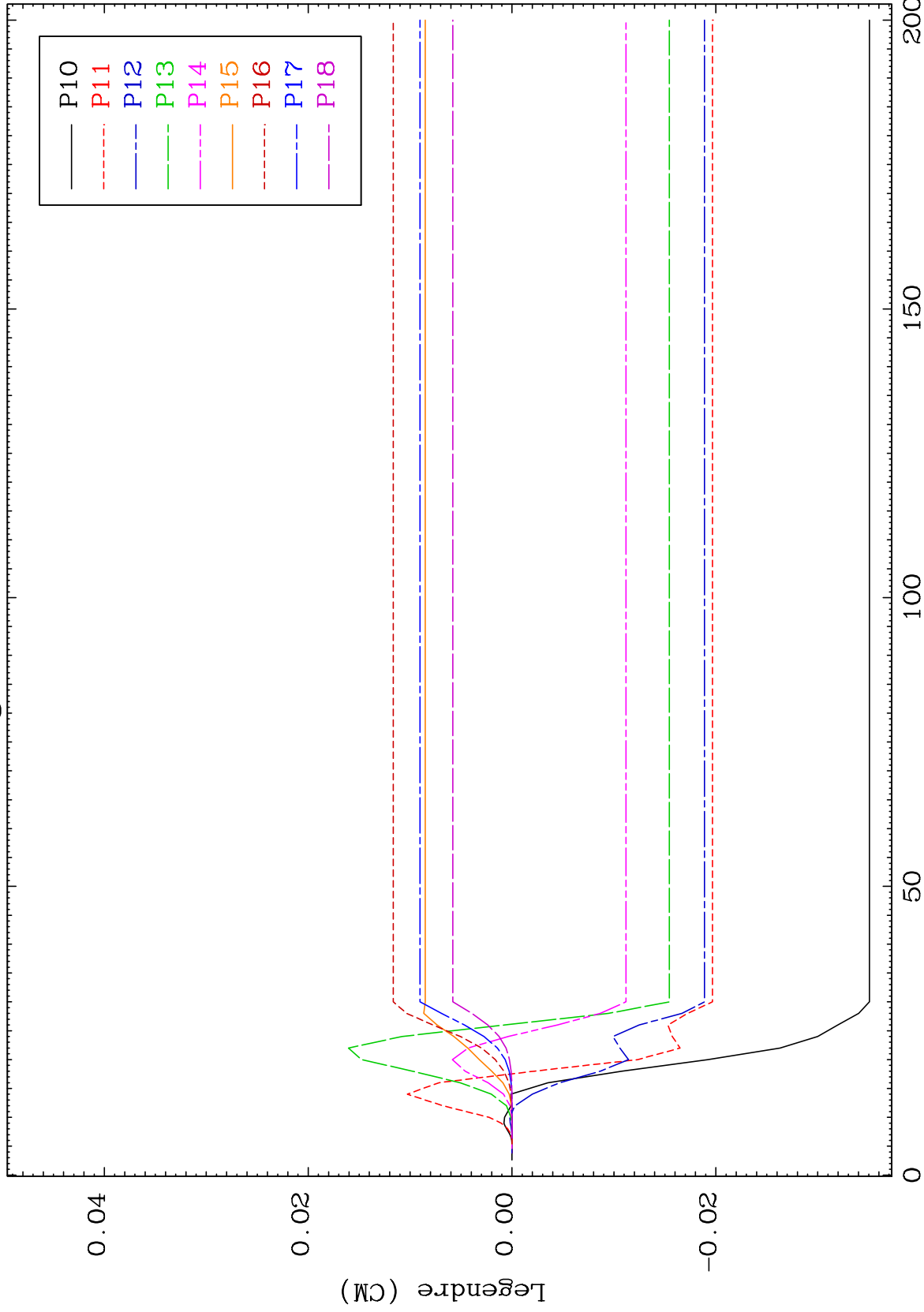
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



59

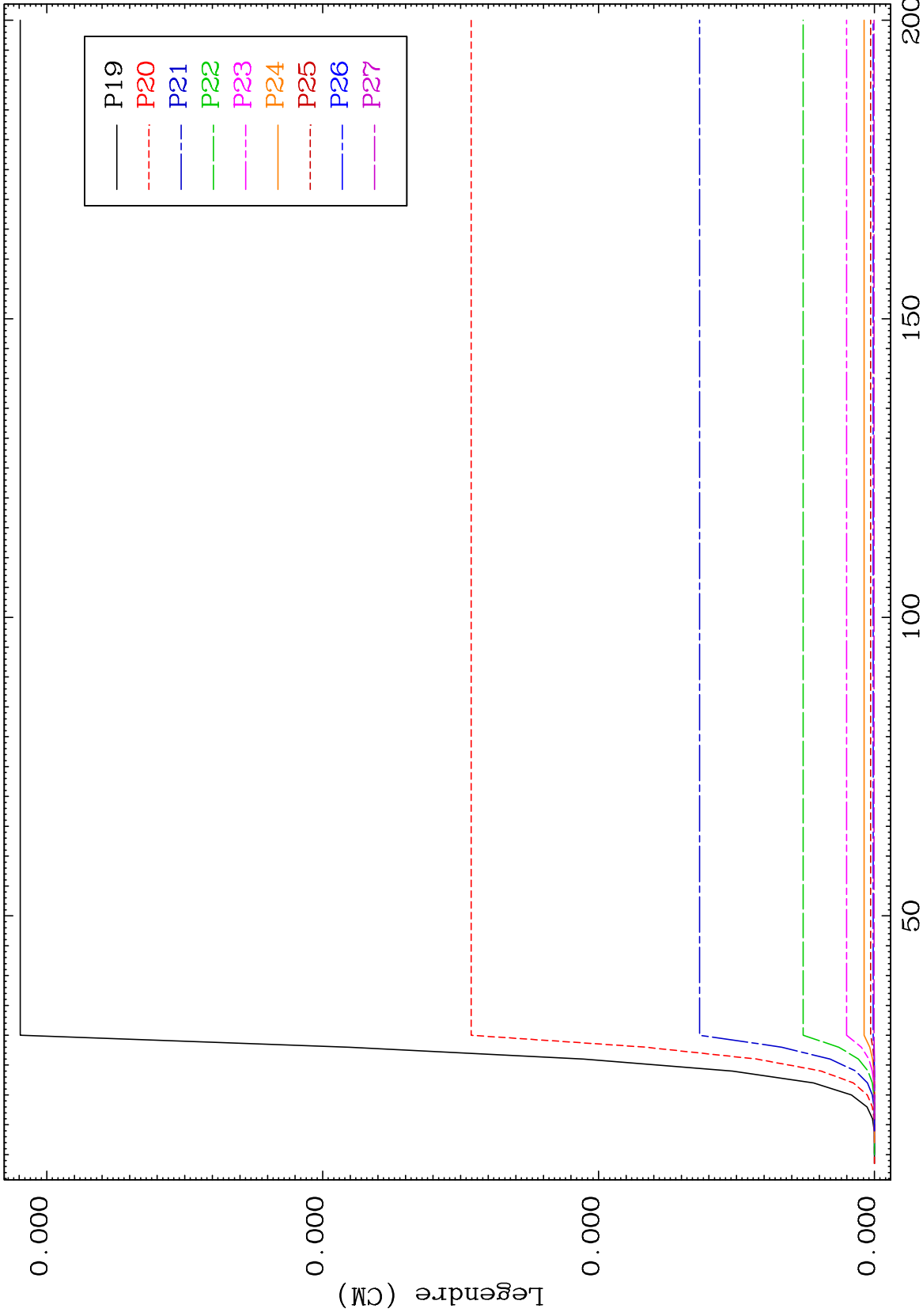
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



60

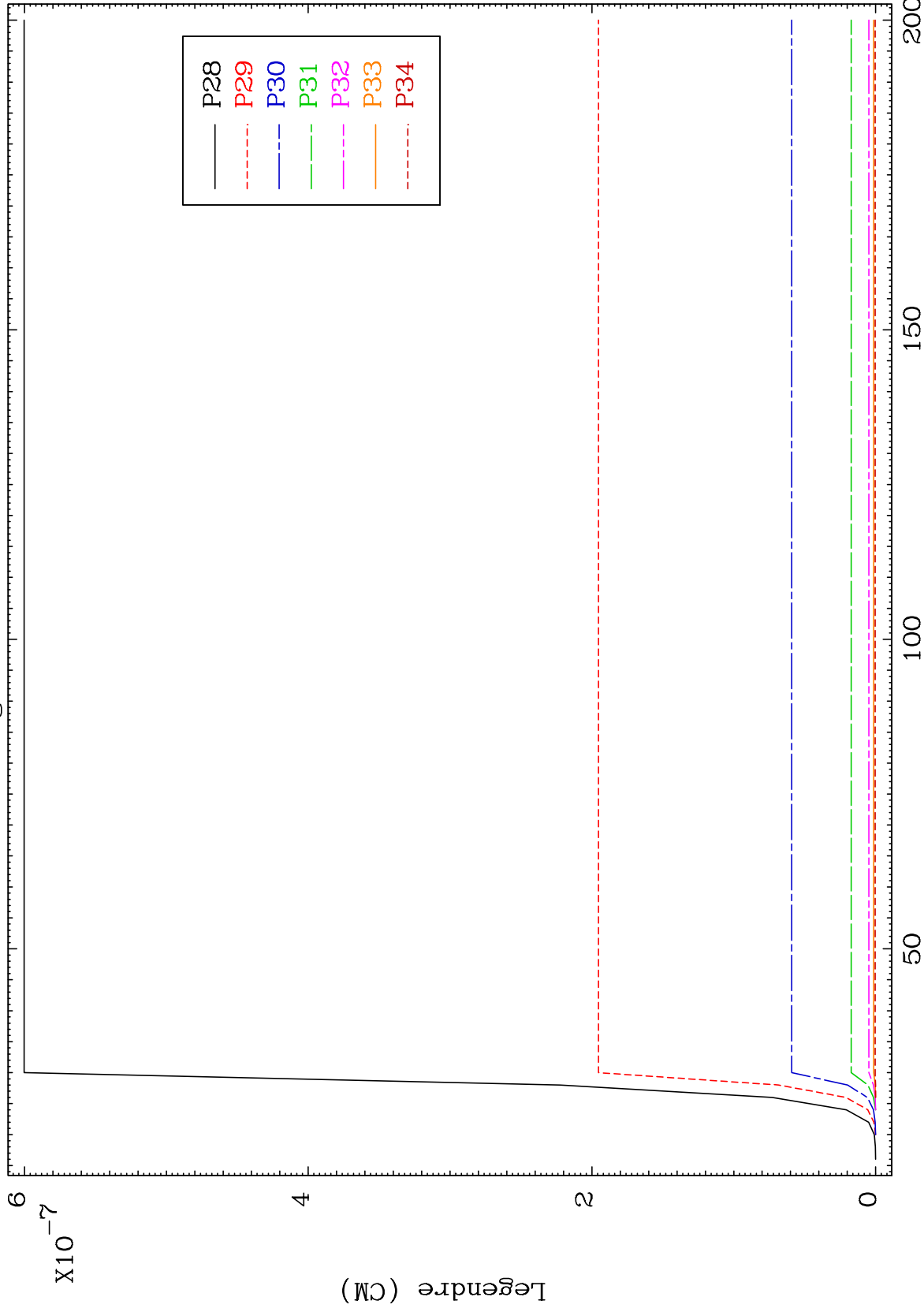
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95

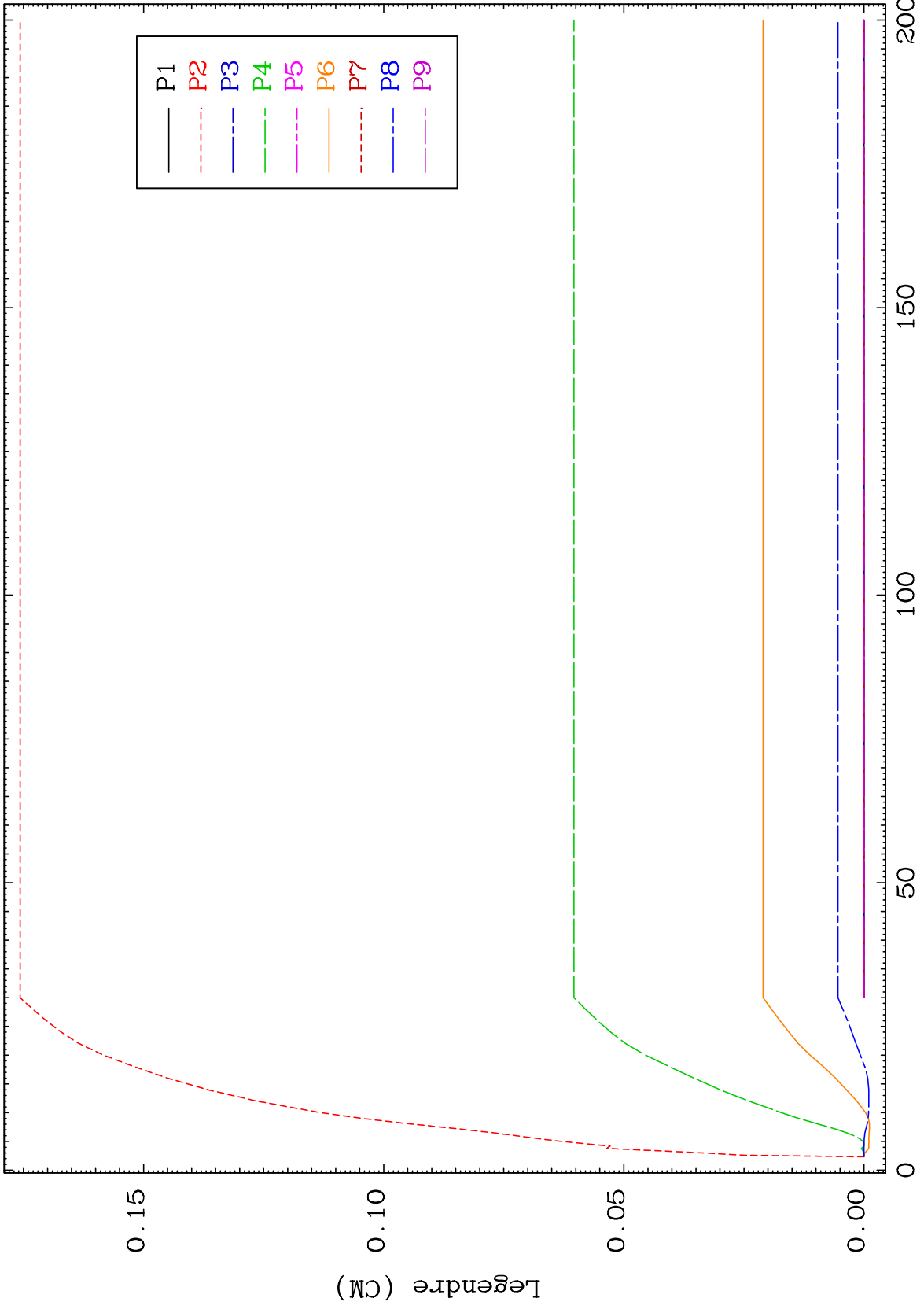


61

Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 62 (n,n') Level Legendre Coefficients 39-Y -95

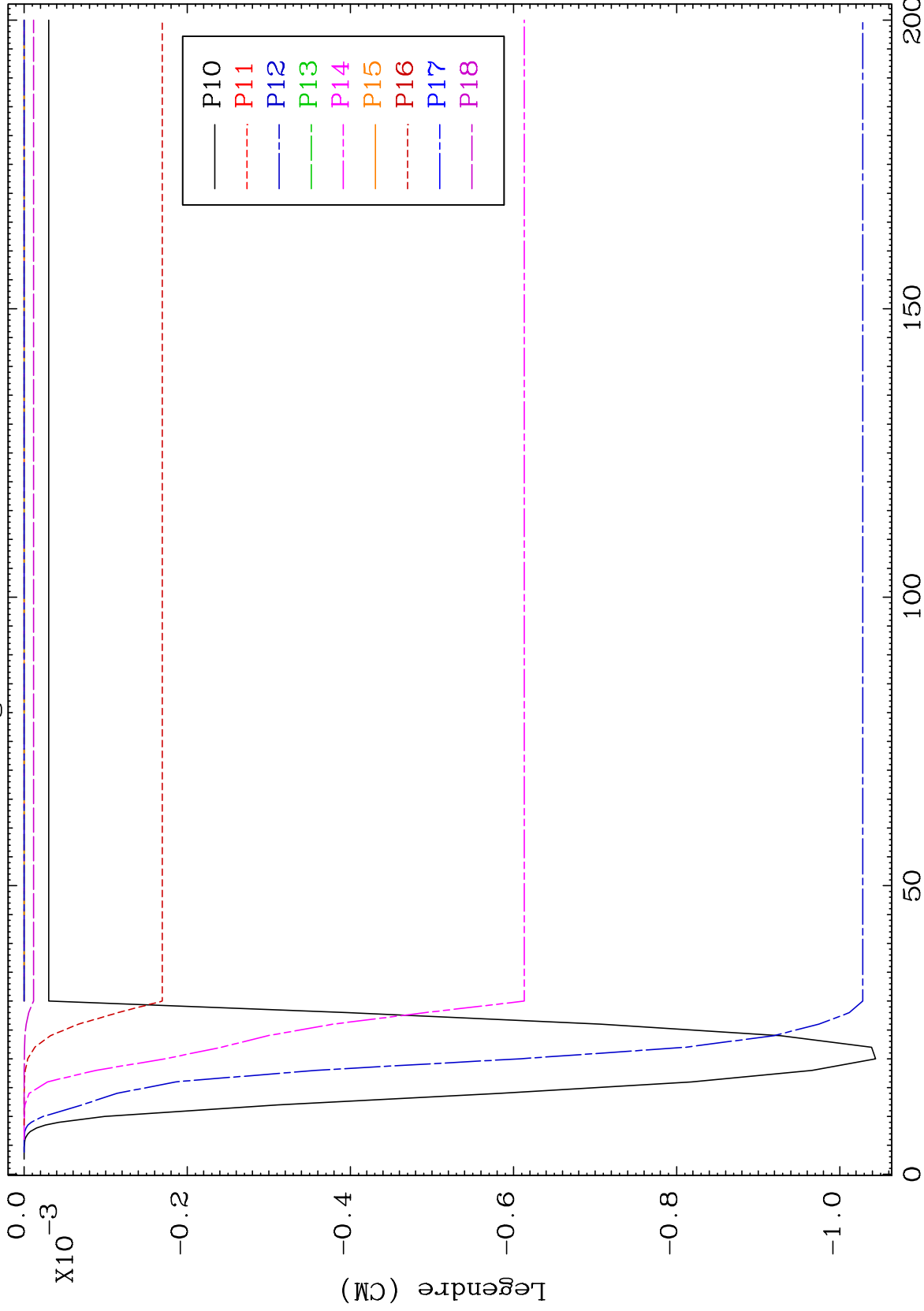


62 Incident Energy (MeV) 39-Y -95

MAT 3943

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

39-Y -95



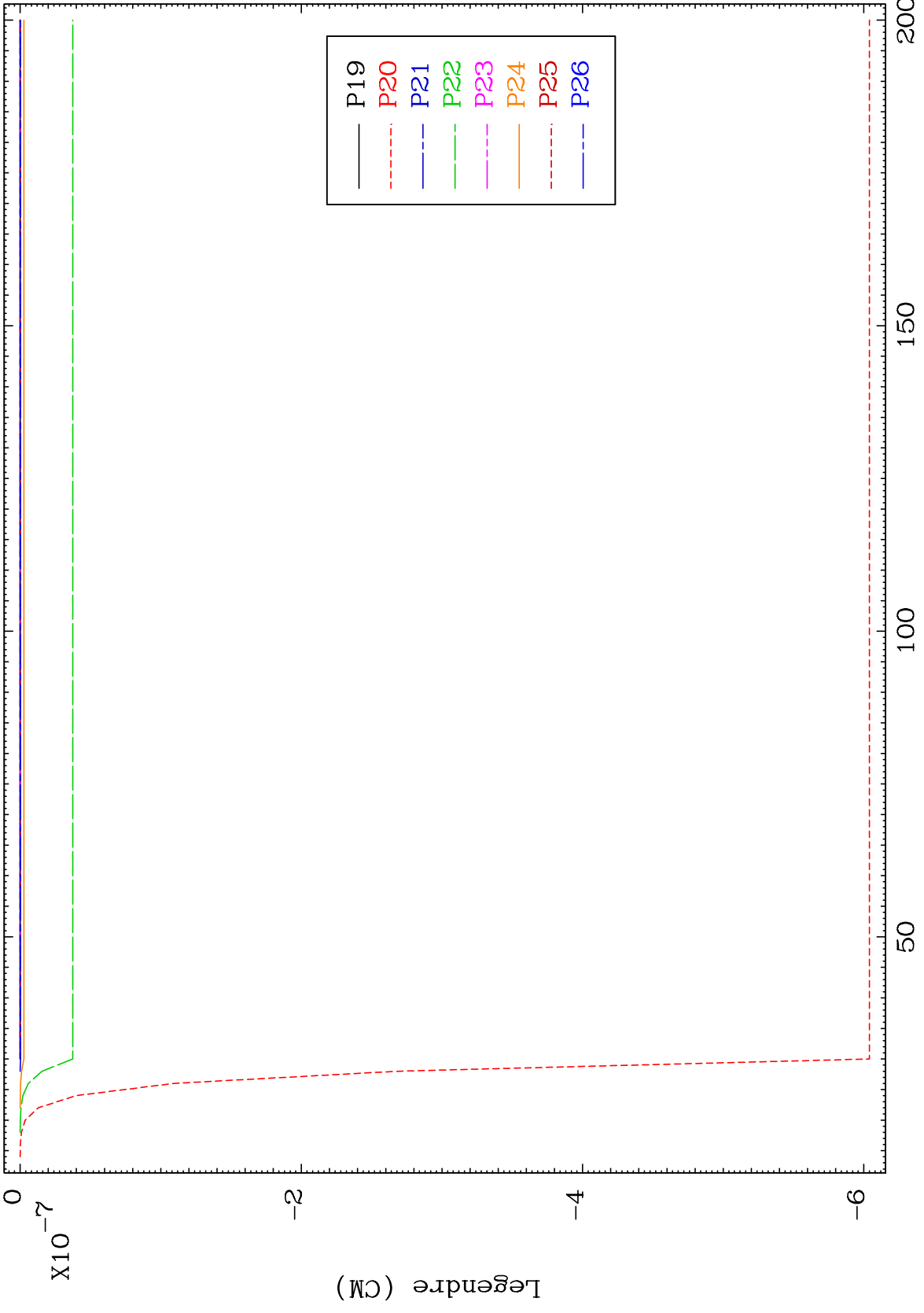
63

Incident Energy (MeV)

39-Y -95



MAT 3943 MT= 62 (n,n') Level Legendre Coefficients 39-Y -95

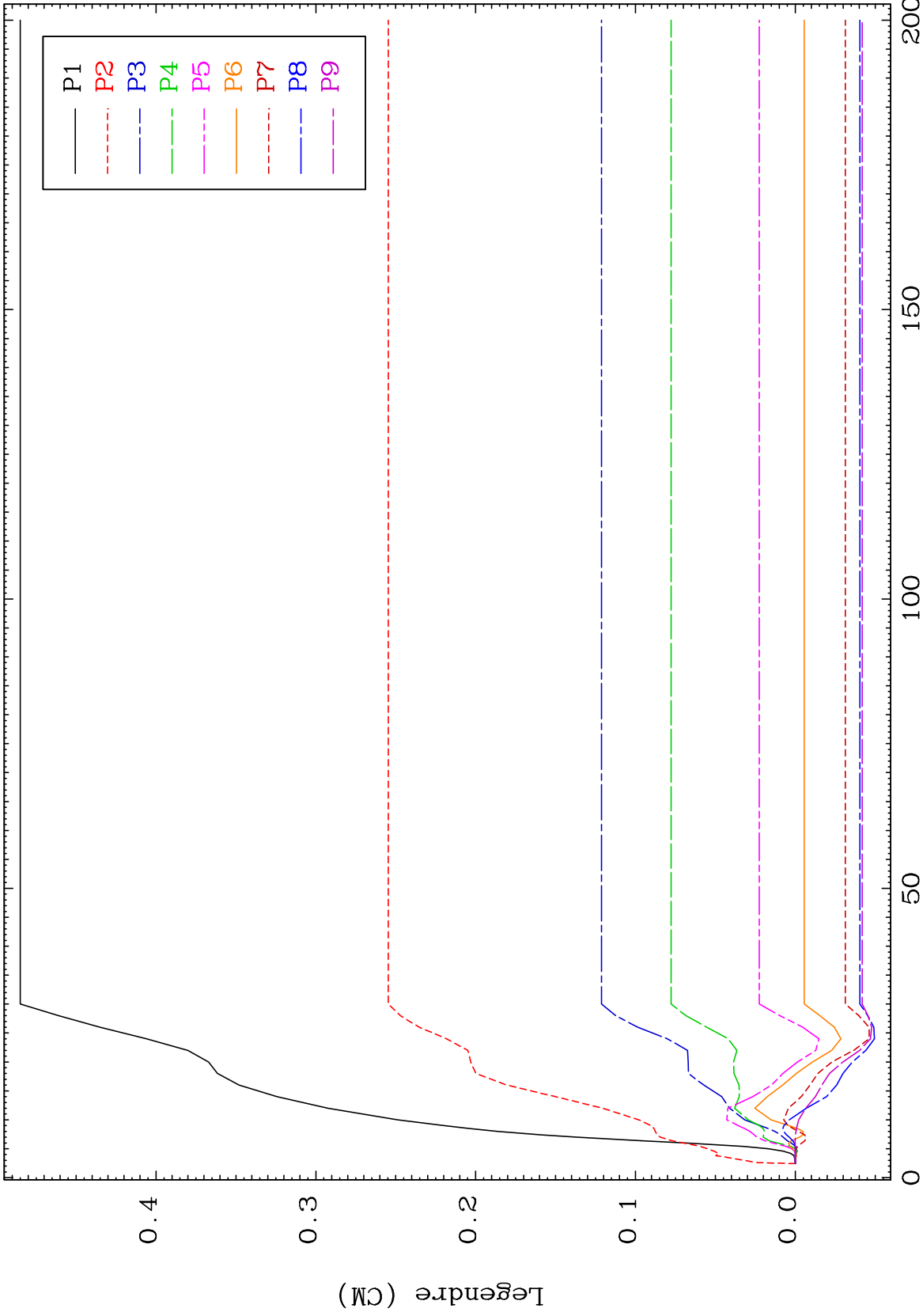


64 Incident Energy (MeV) 39-Y -95

MAT 3943

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

39-Y -95



65

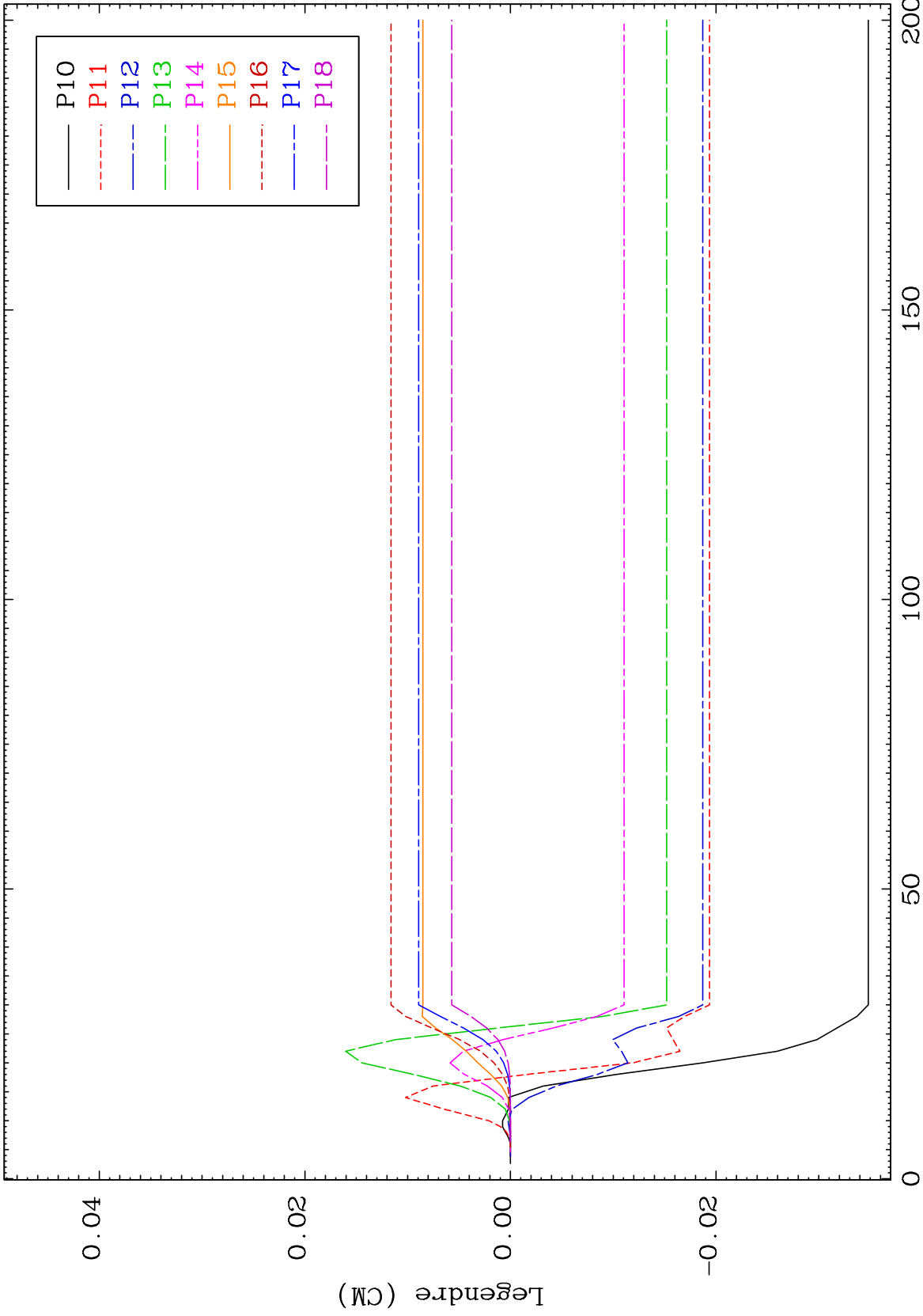
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



66

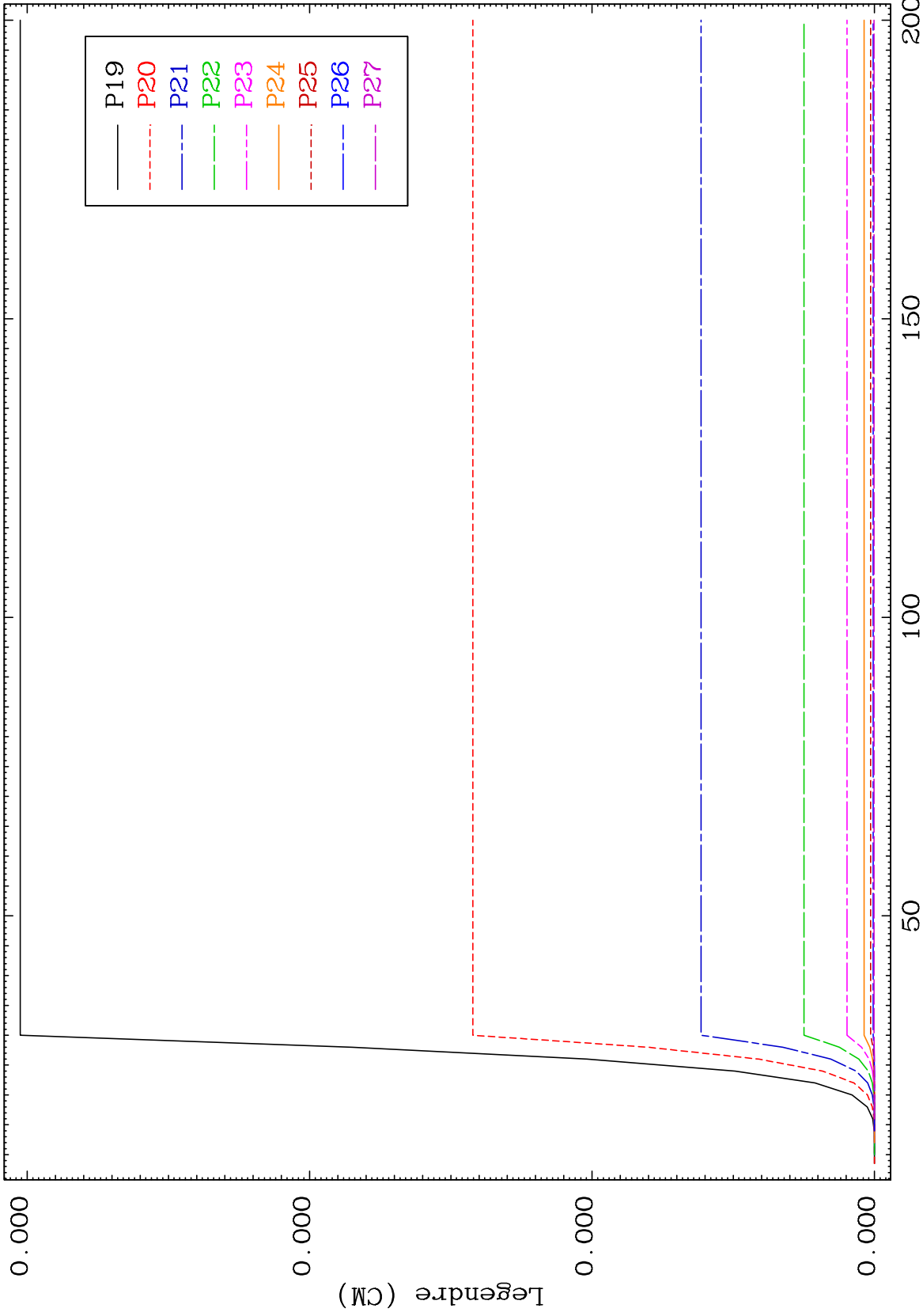
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



67

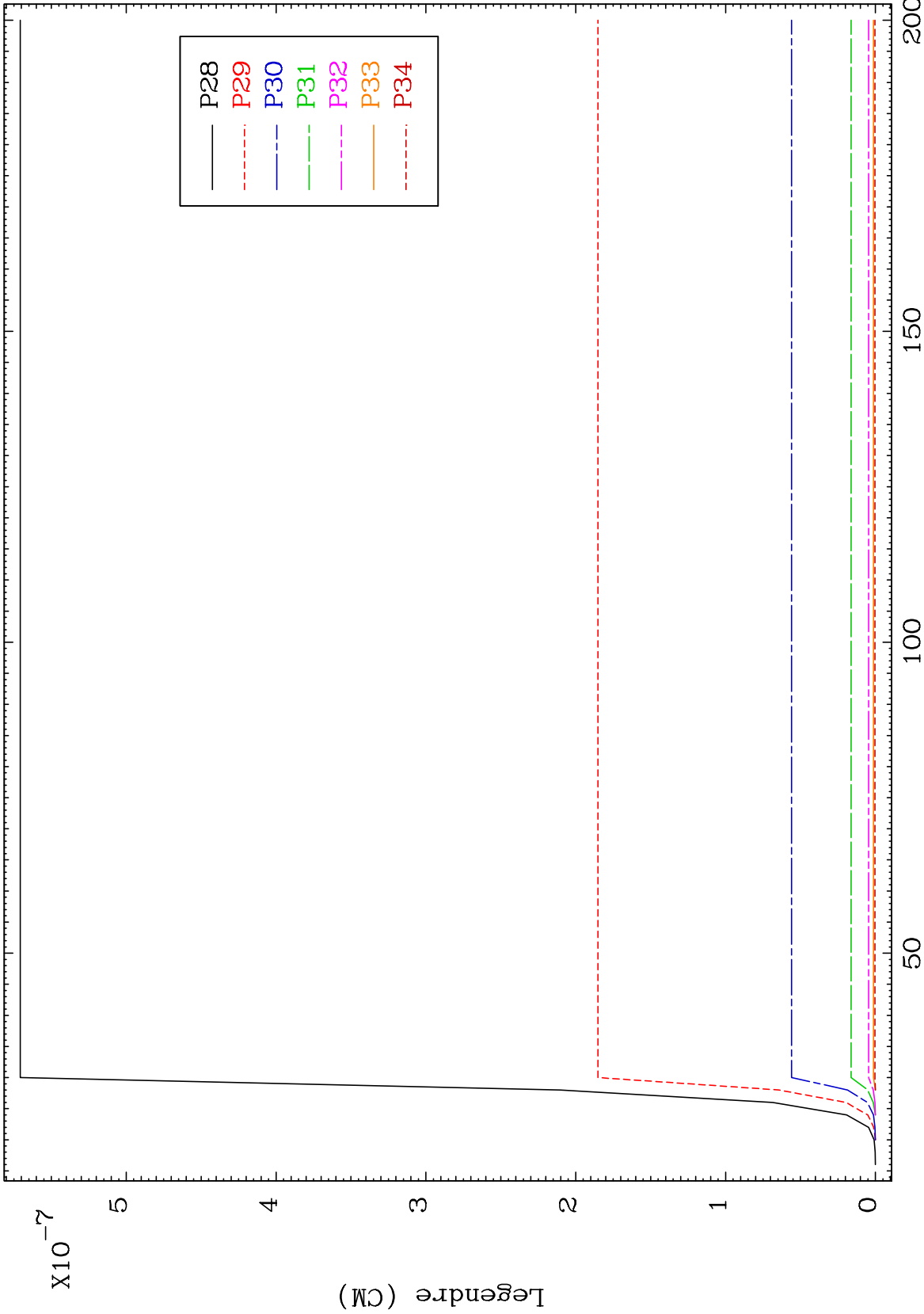
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95

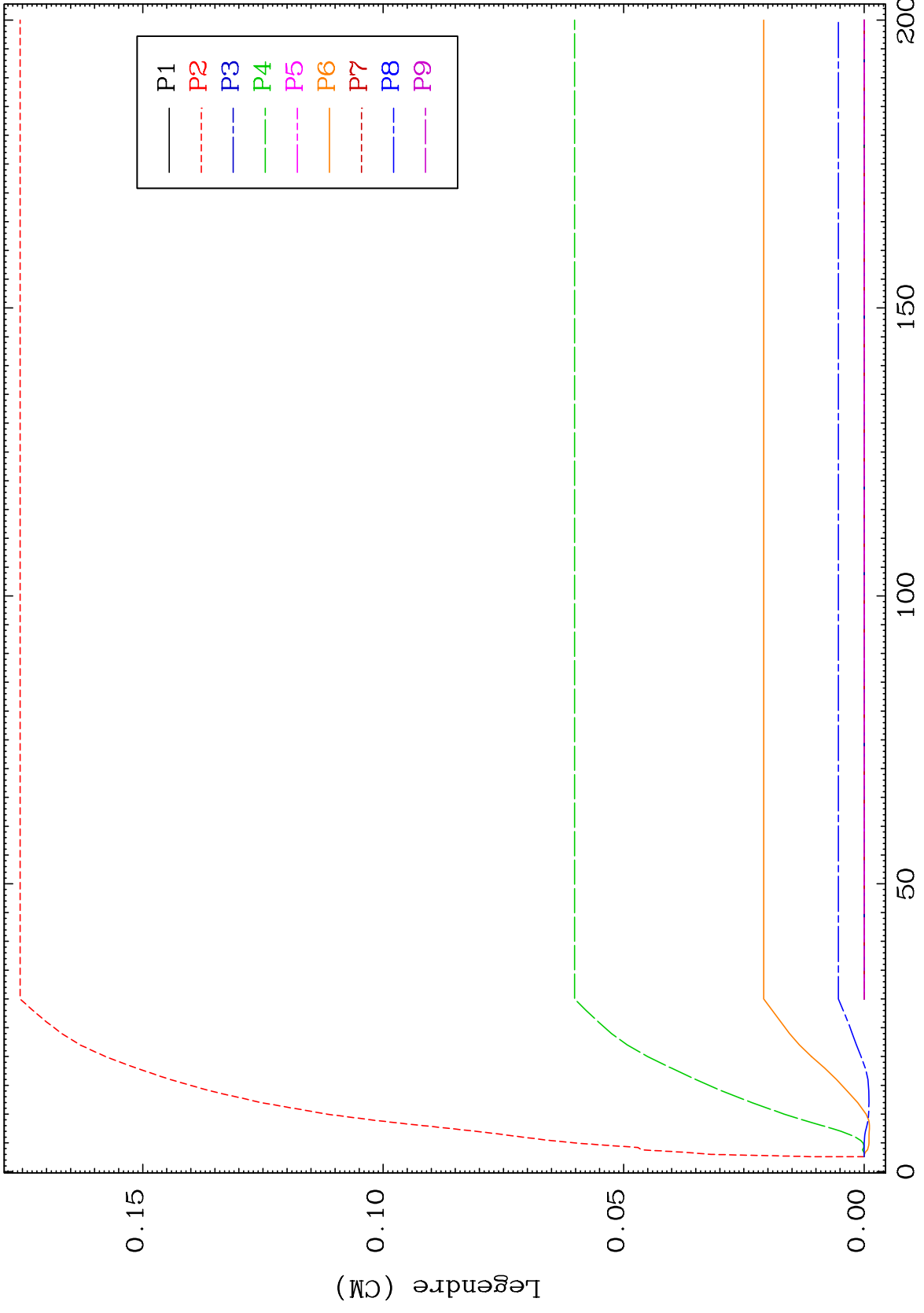


68

Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 64 (n,n') Level Legendre Coefficients 39-Y -95

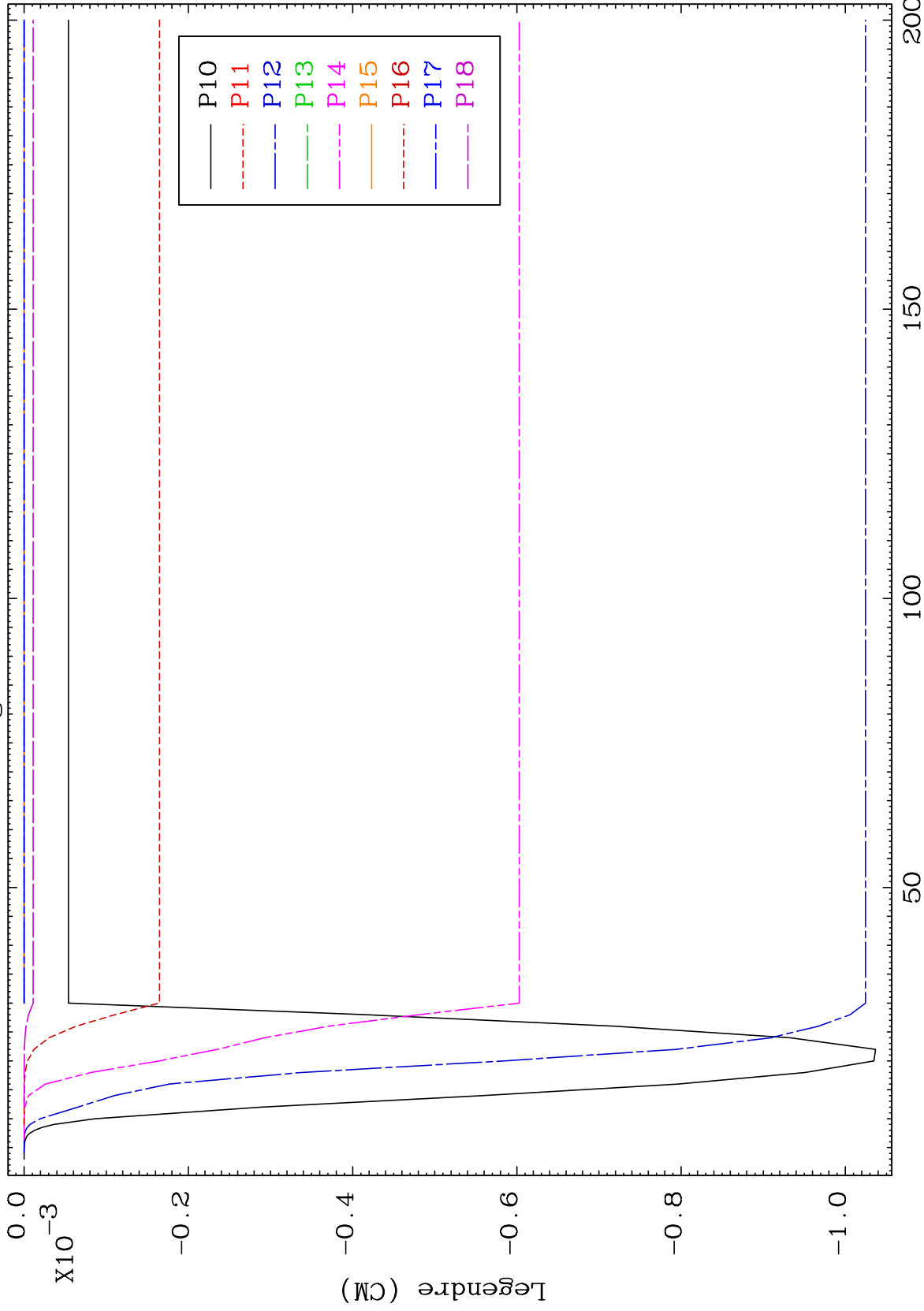


69 Incident Energy (MeV) 39-Y -95

MAT 3943

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

39-Y -95



70

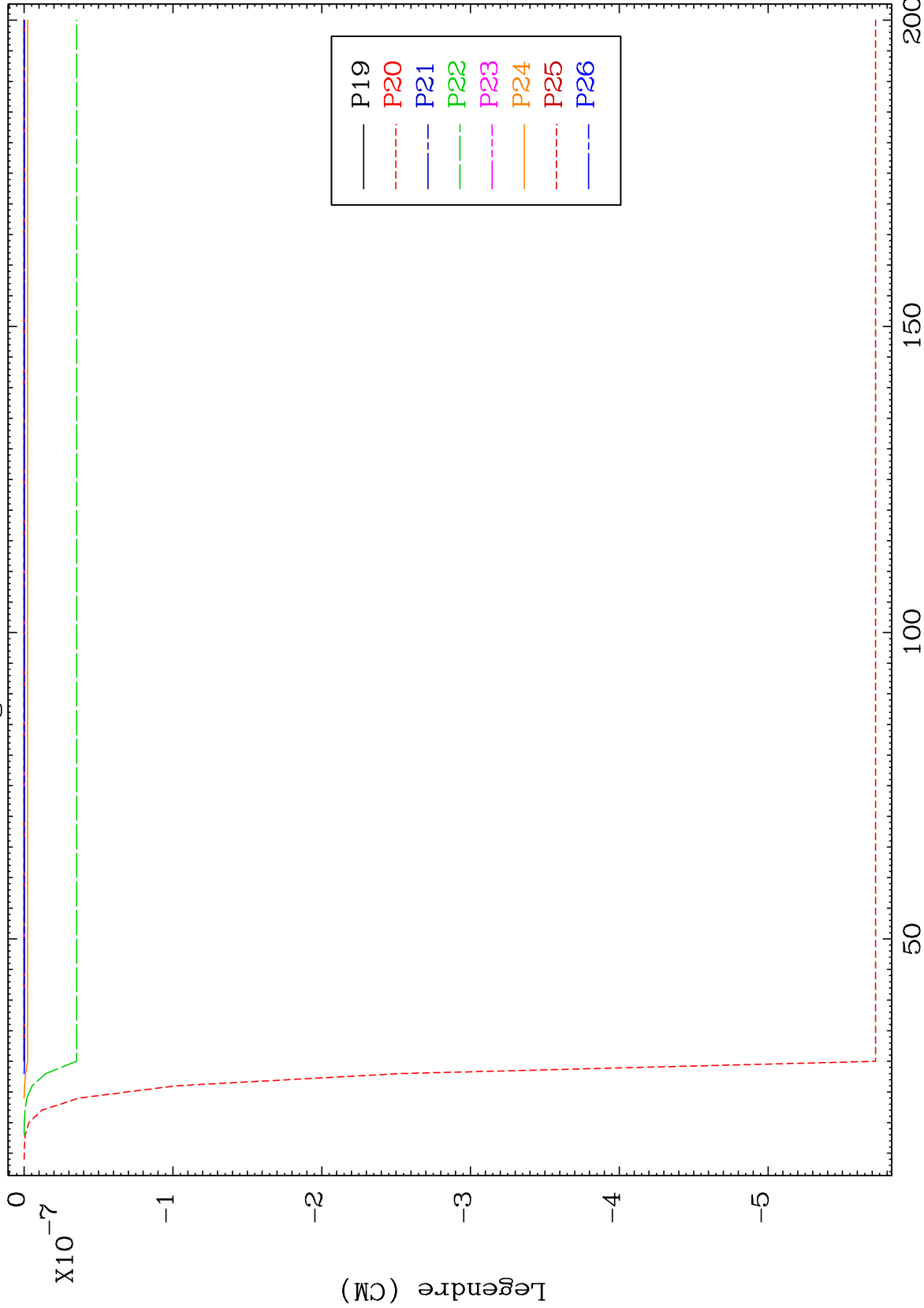
Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 64 (n,n') Level

Legendre Coefficients

39-Y -95



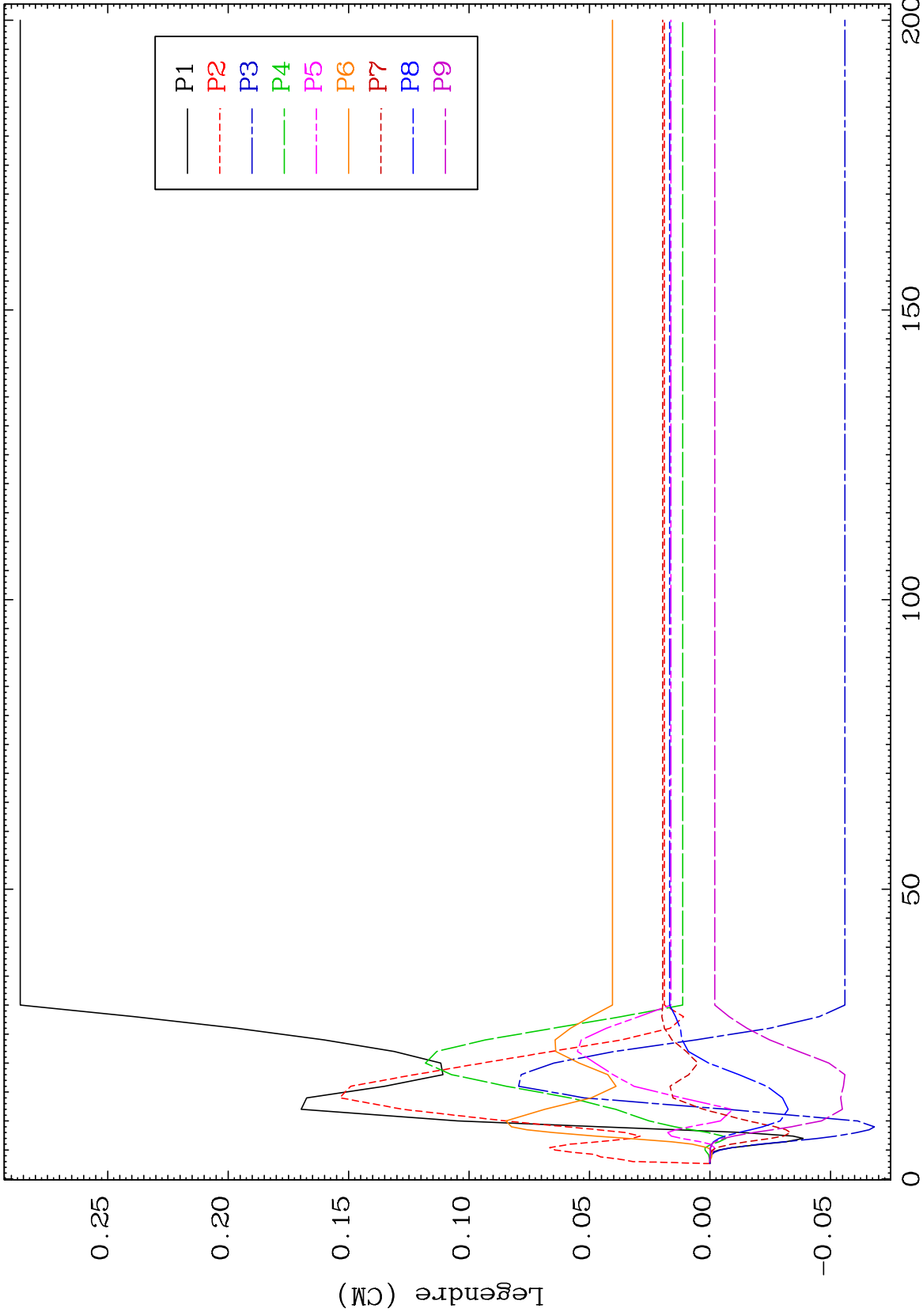
39-Y -95



MAT 3943

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

39-Y -95



72

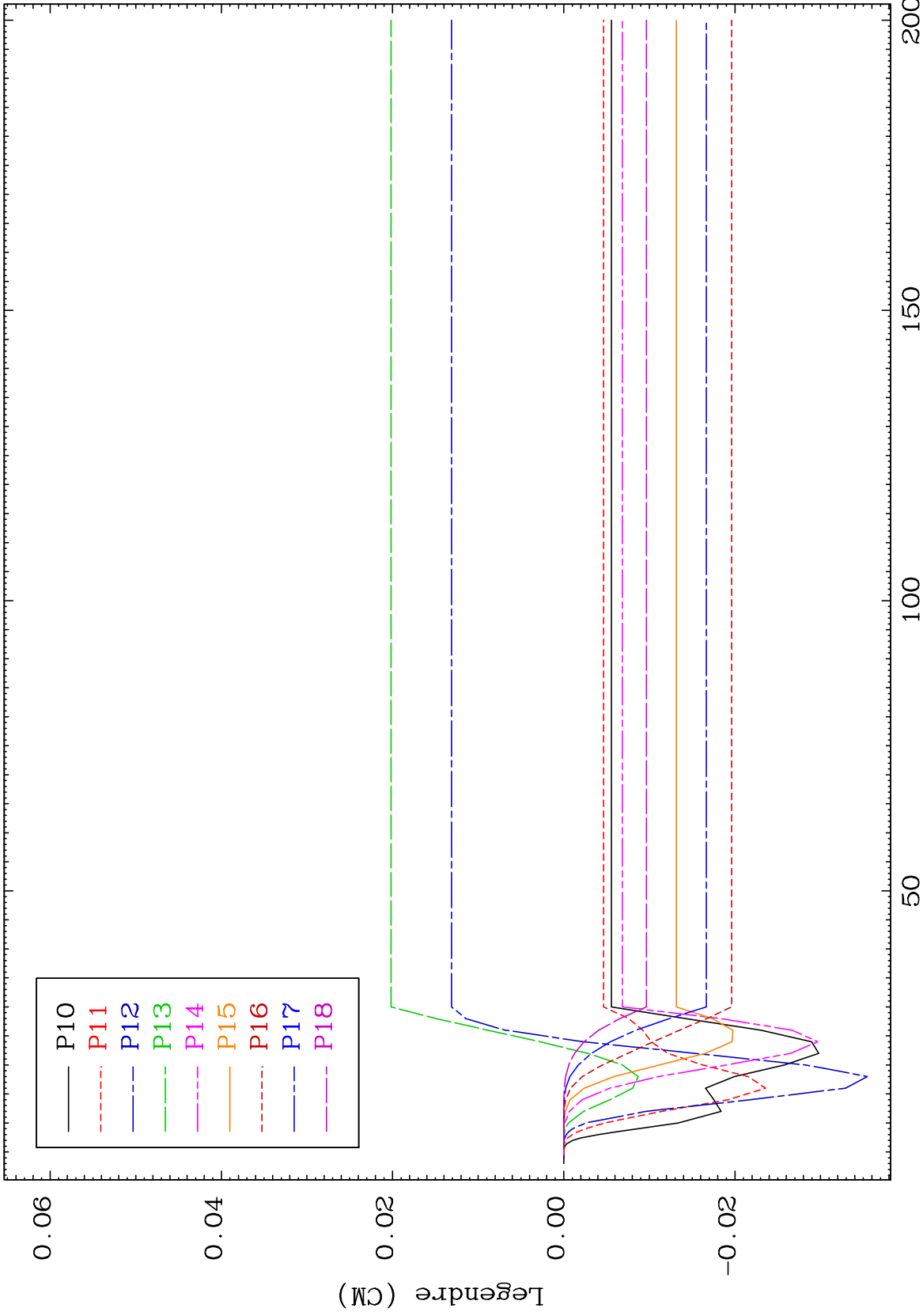
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95

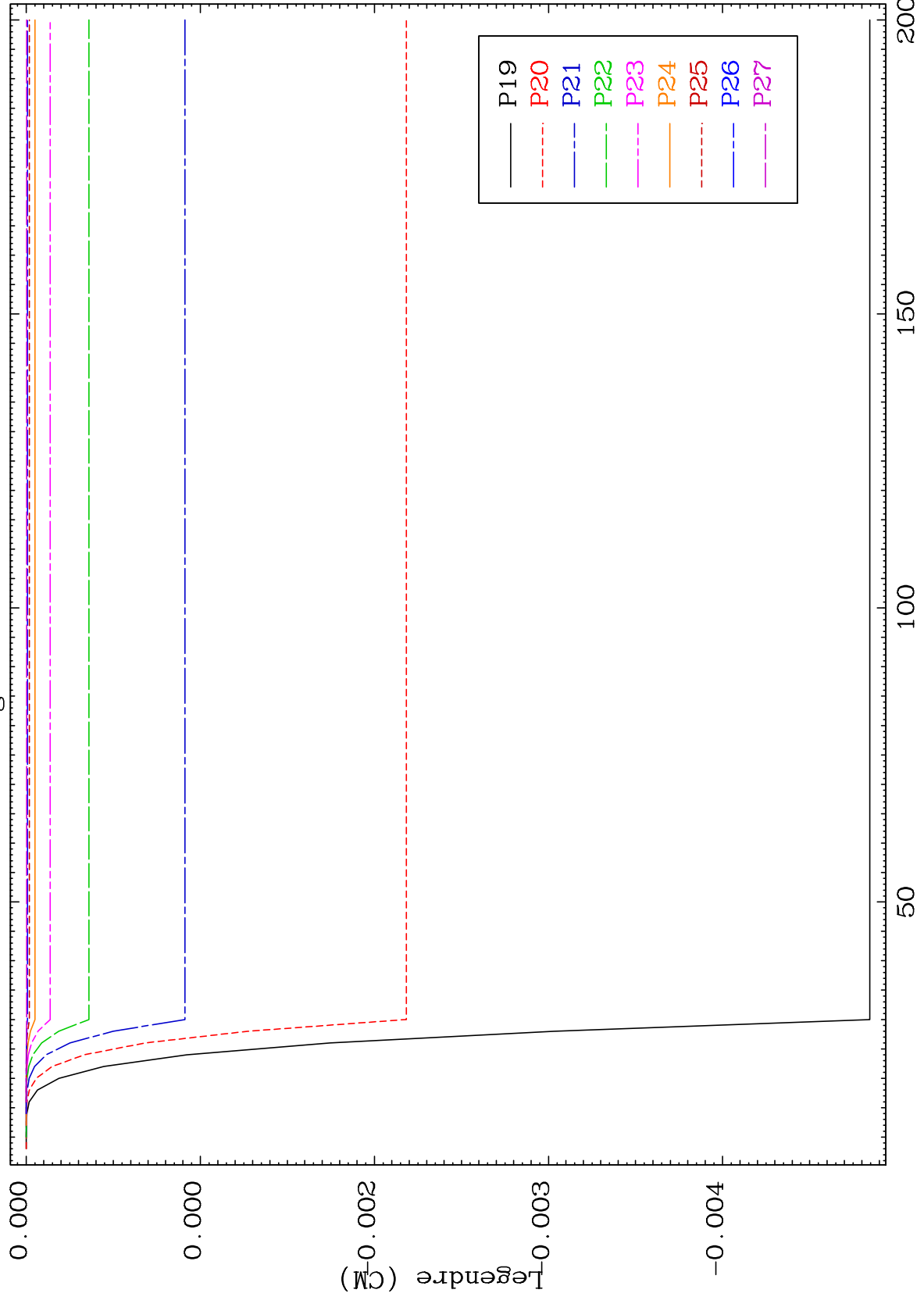


73

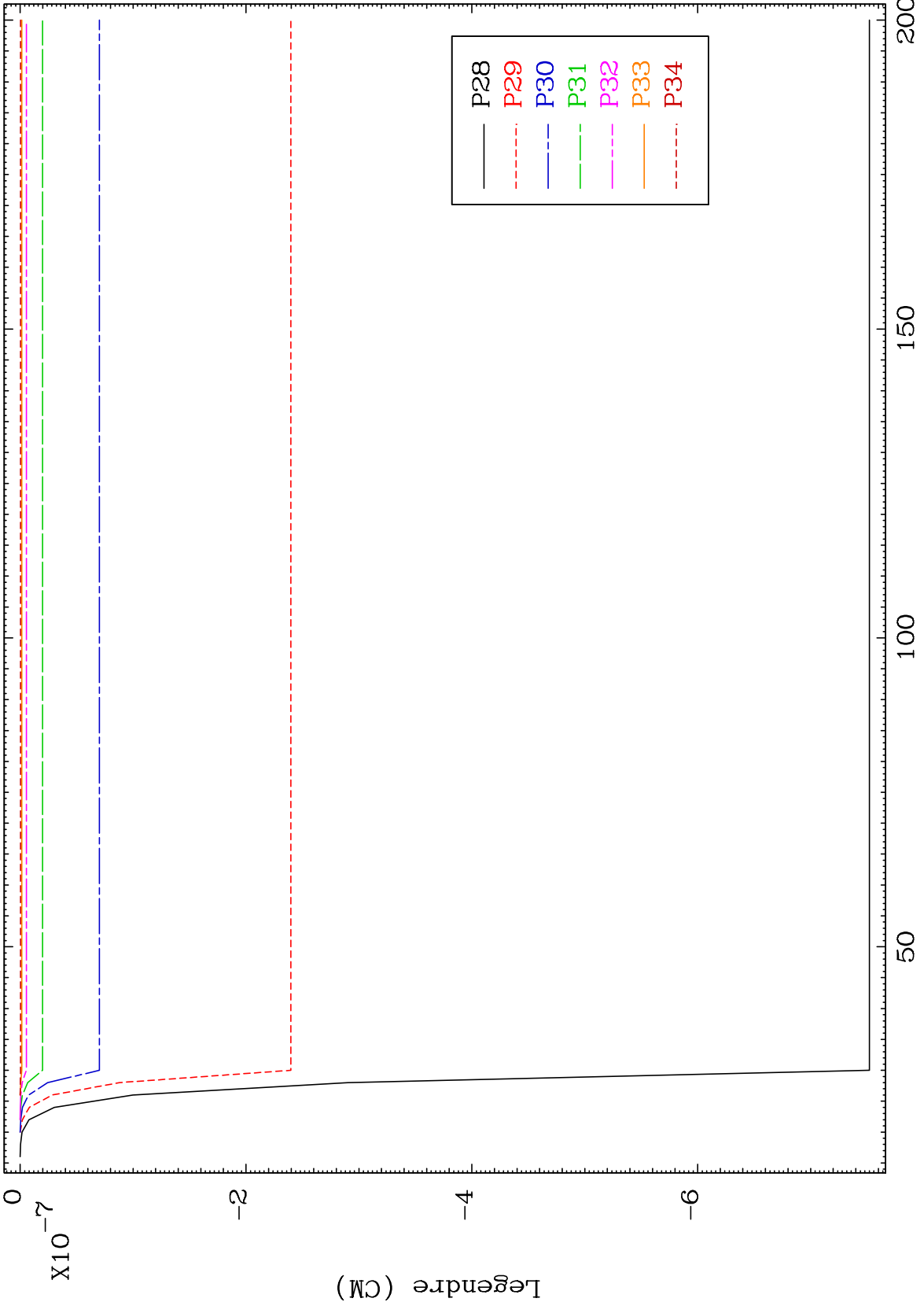
Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 65 (n,n') Level Legendre Coefficients 39-Y -95

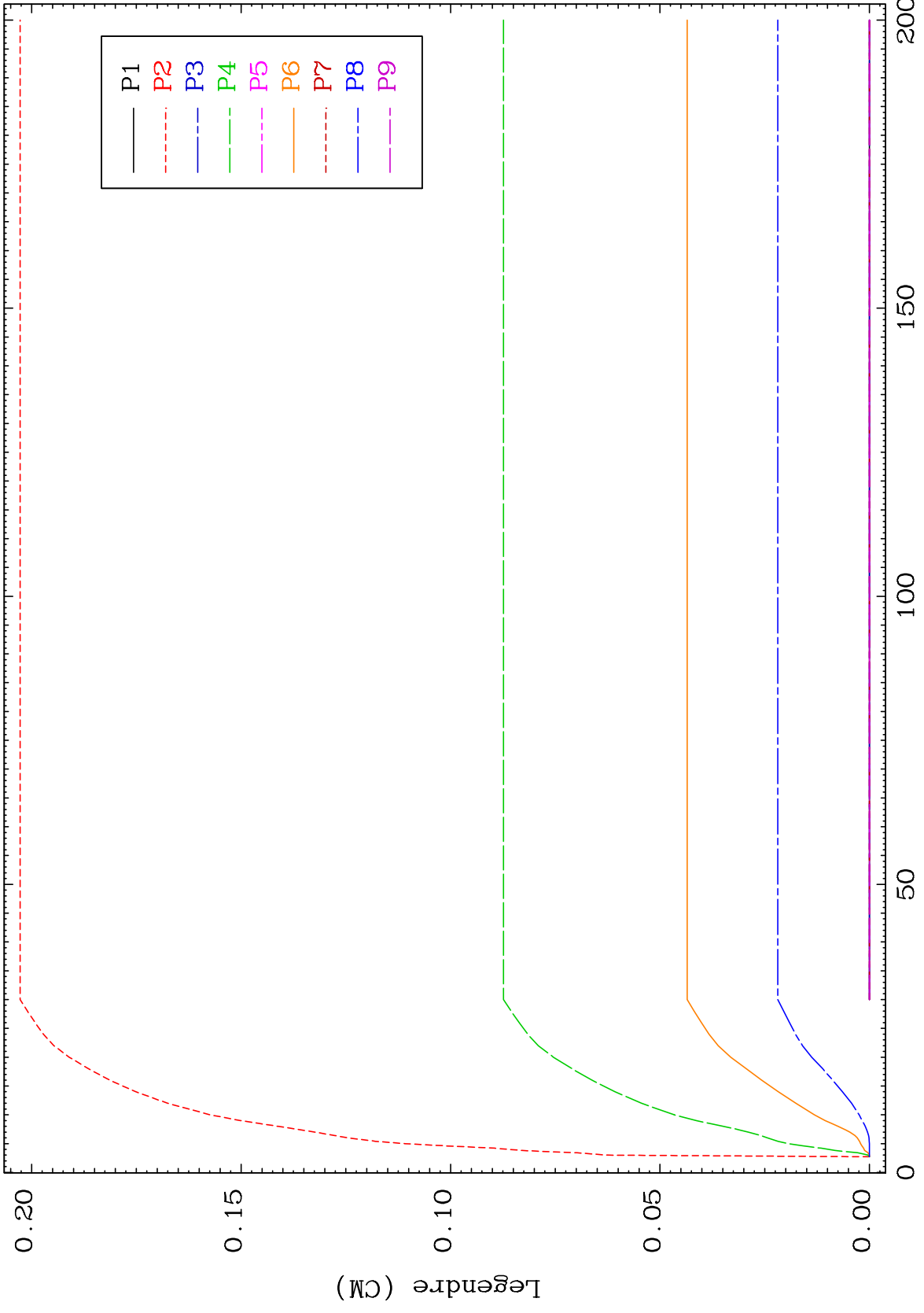


MAT 3943 MT= 65 (n,n') Level Legendre Coefficients 39-Y -95



75 50 100 150 200 Incident Energy (MeV) 39-Y -95

MAT 3943 MT= 66 (n,n') Level Legendre Coefficients 39-Y -95

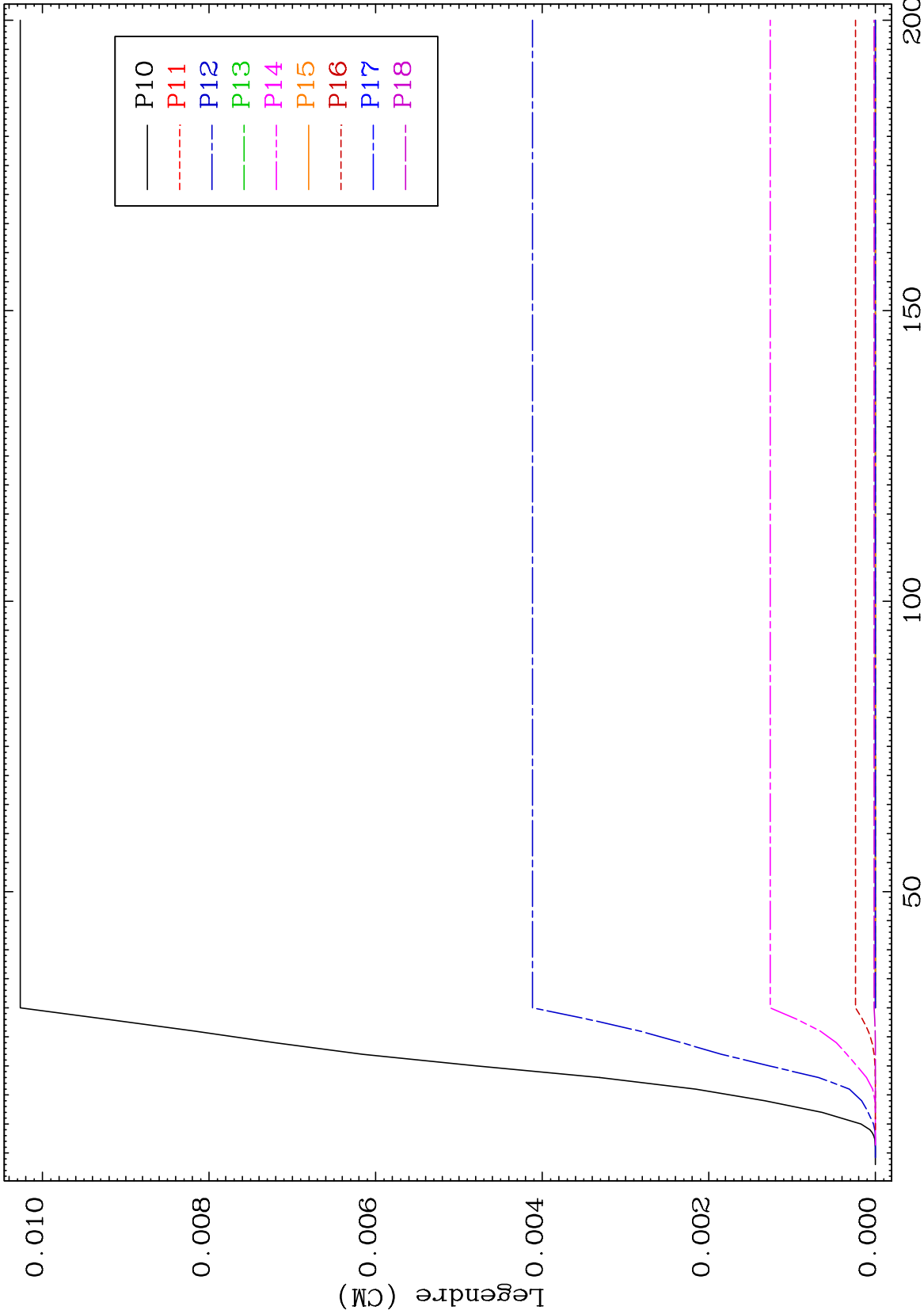


76 Incident Energy (MeV) 39-Y -95

MAT 3943

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

39-Y -95

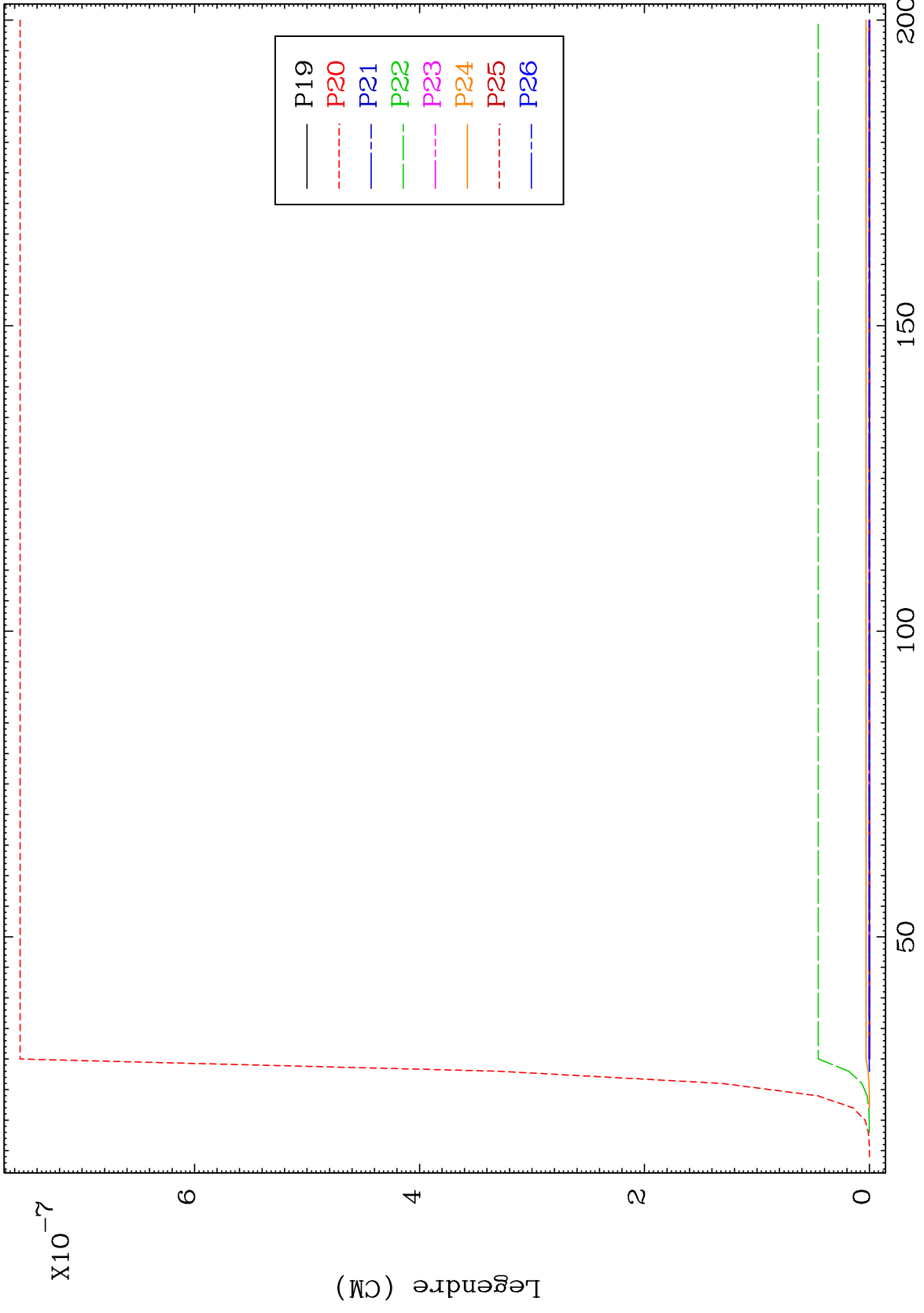


77

Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 66 (n,n') Level Legendre Coefficients 39-Y -95

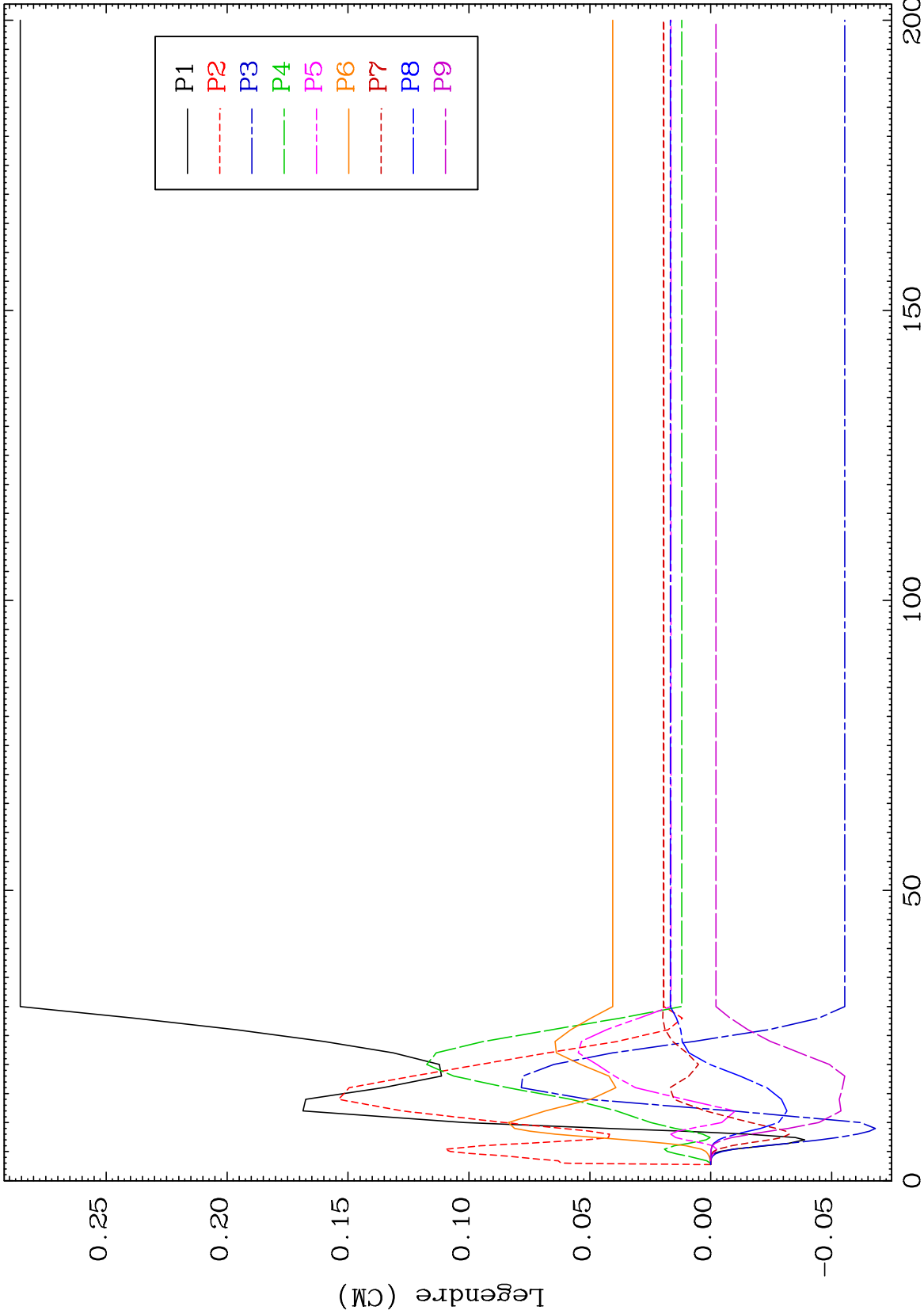


78 39-Y -95

MAT 3943

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

39-Y -95



79

Incident Energy (MeV)

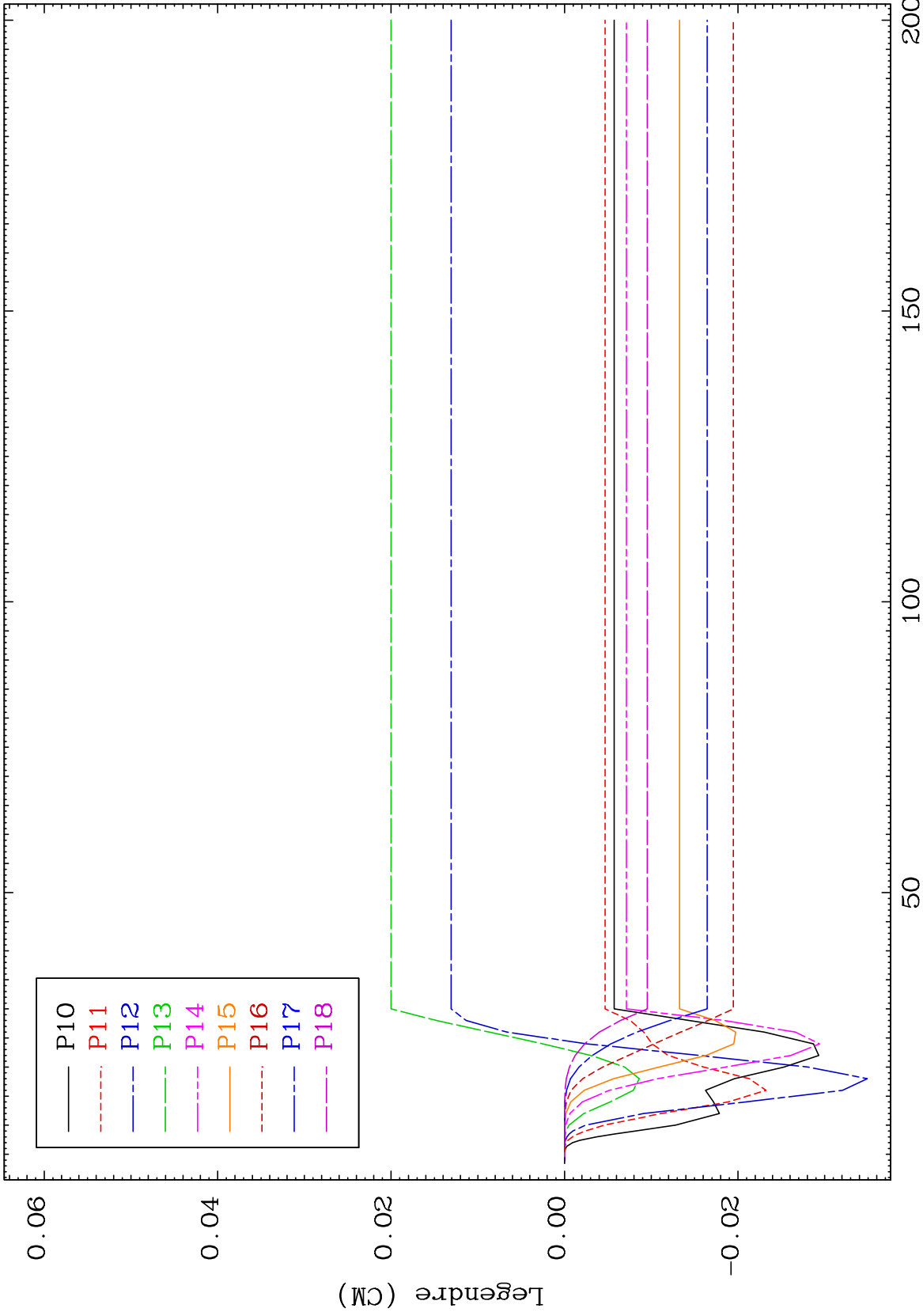
39-Y -95



MAT 3943

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

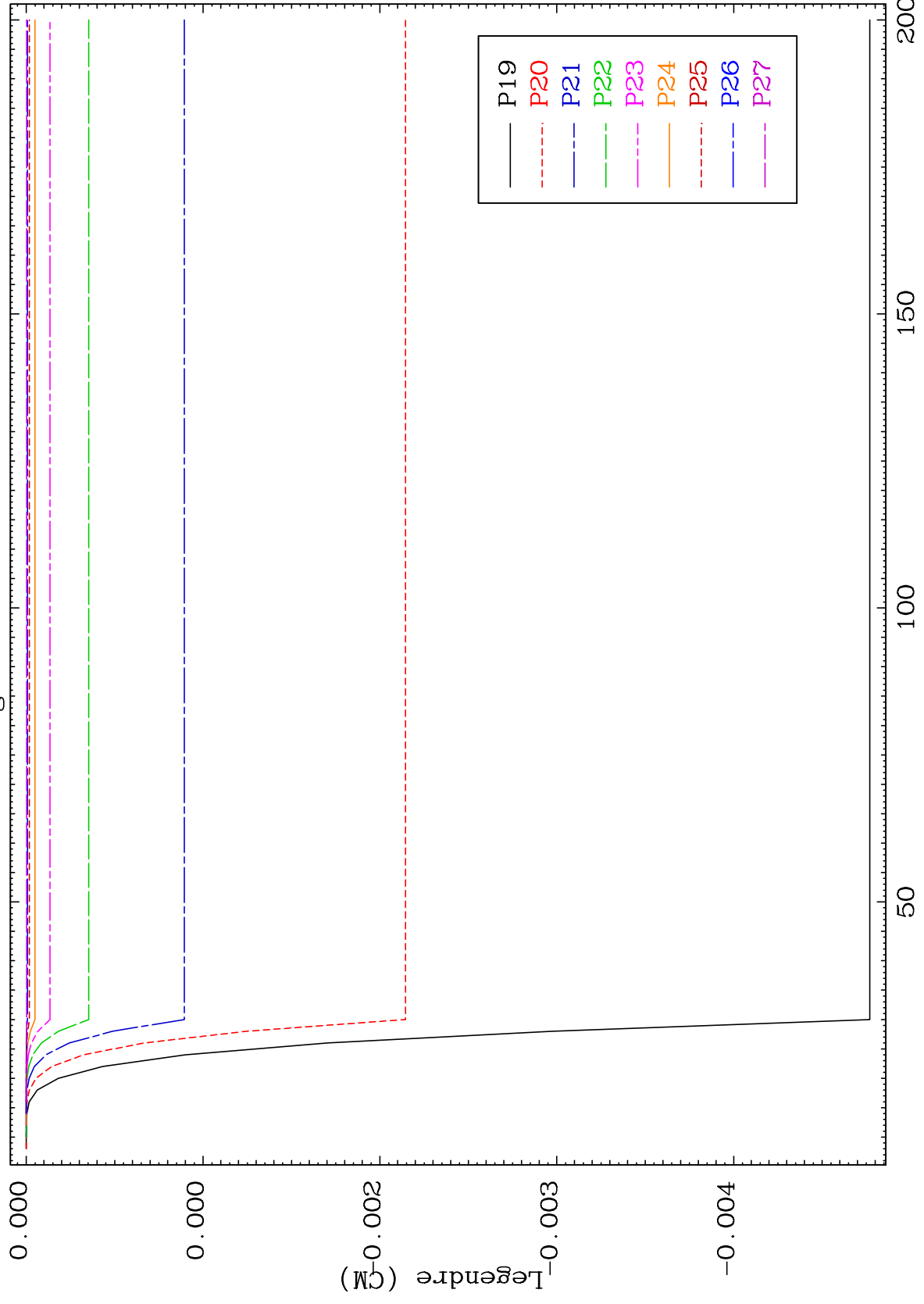
39-Y -95



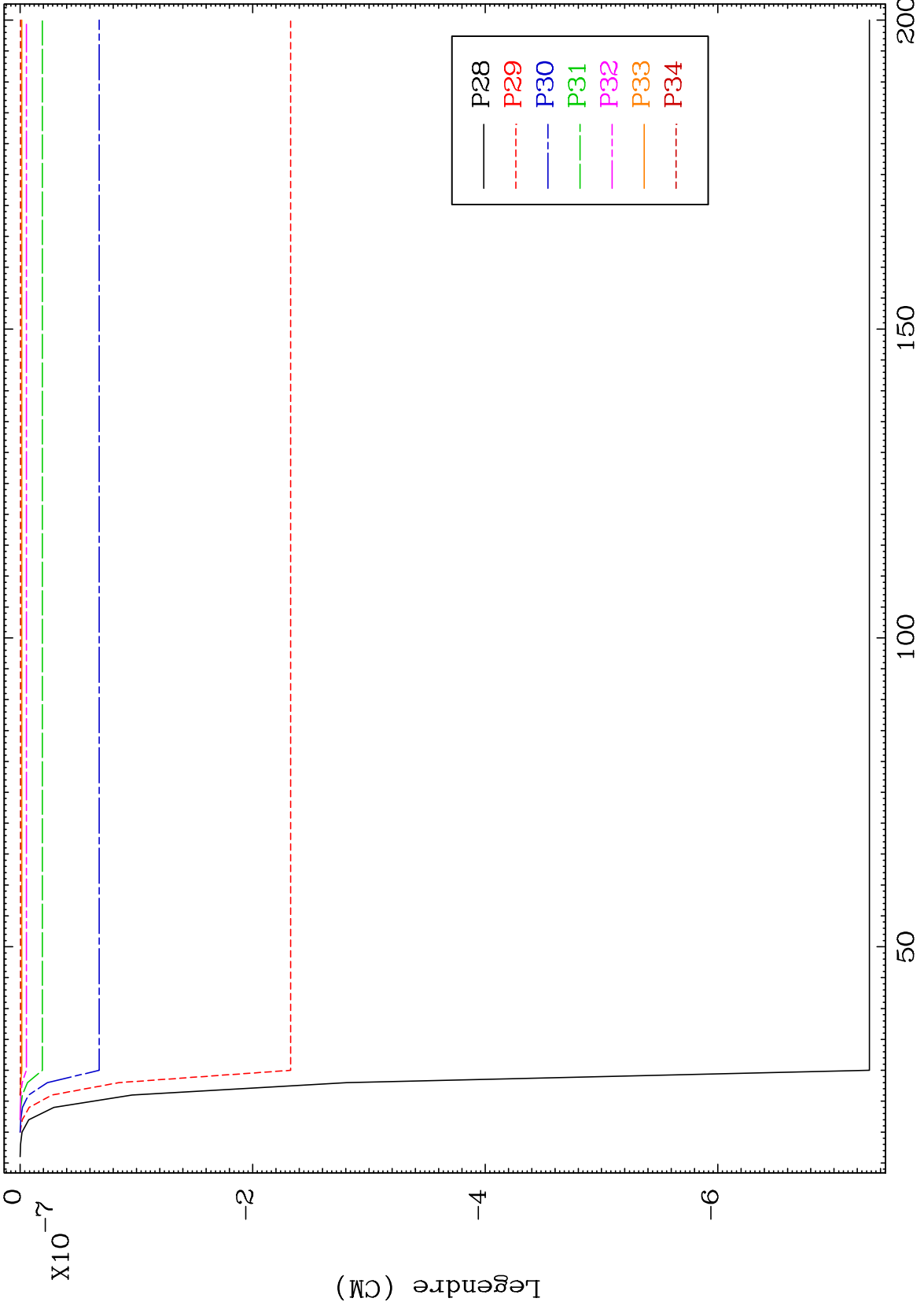
80

Incident Energy (MeV)

39-Y -95



MAT 3943 MT= 67 (n,n') Level Legendre Coefficients 39-Y -95

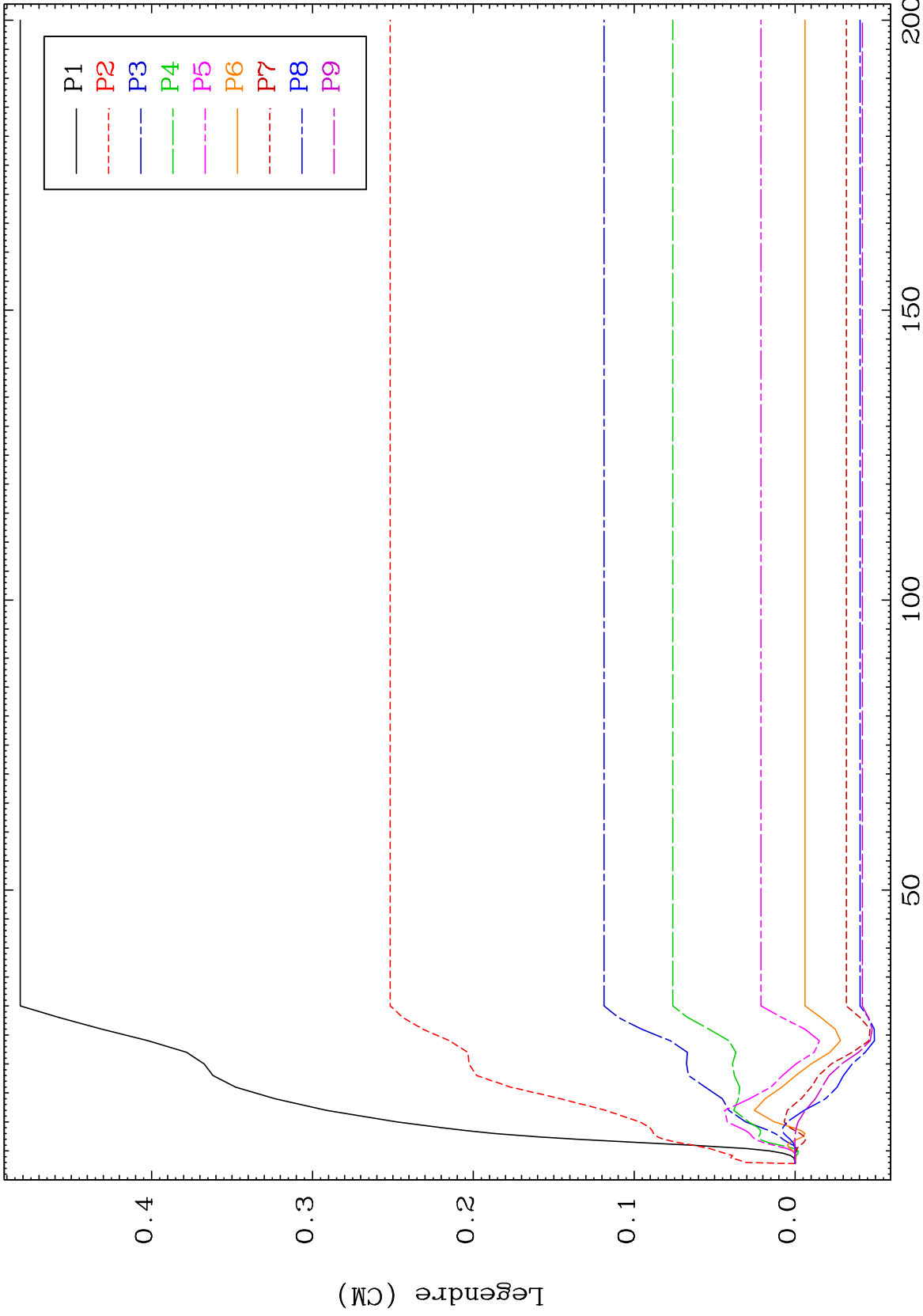


82 Incident Energy (MeV) 39-Y -95

MAT 3943

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

39-Y -95



83

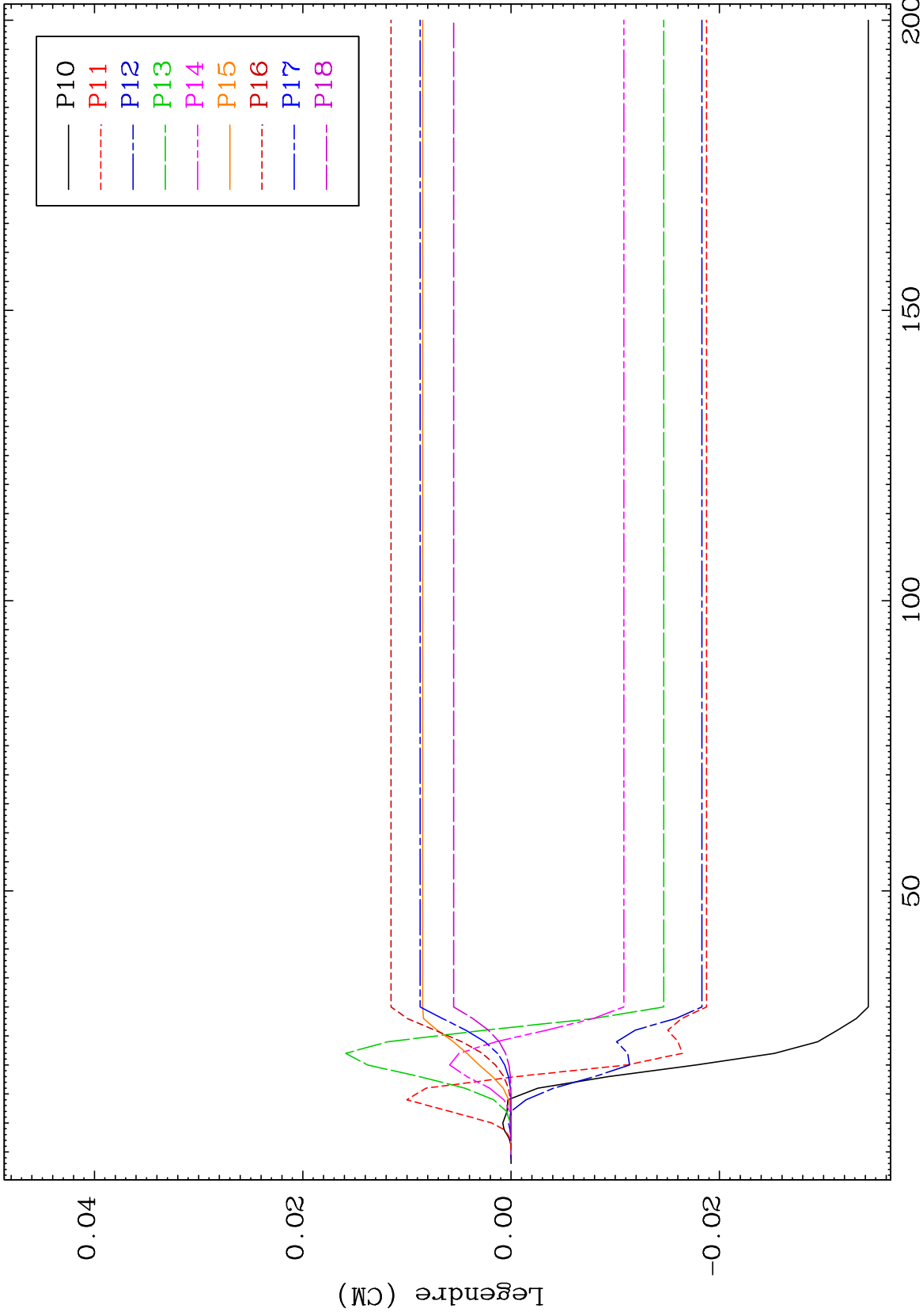
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



84

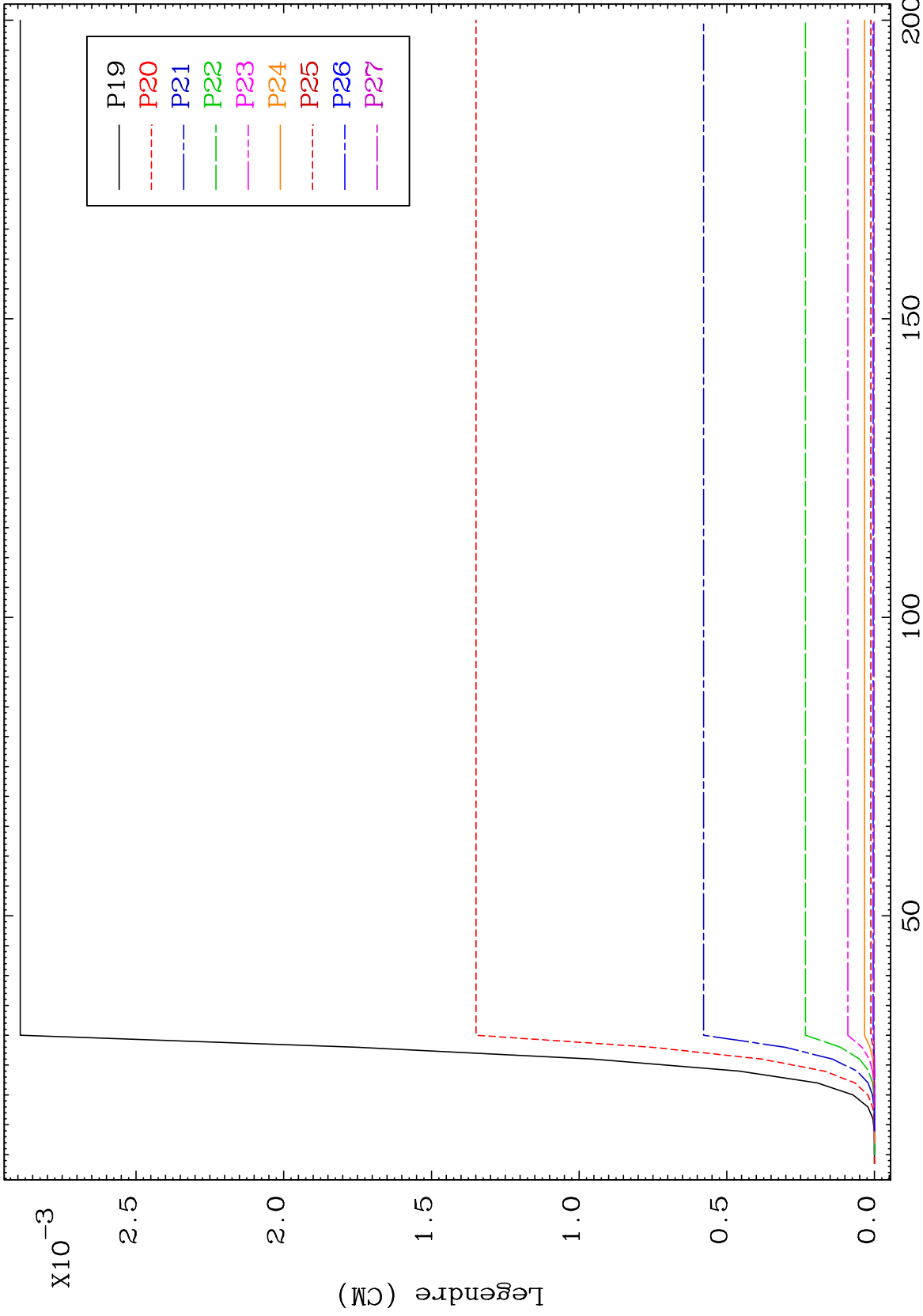
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



85

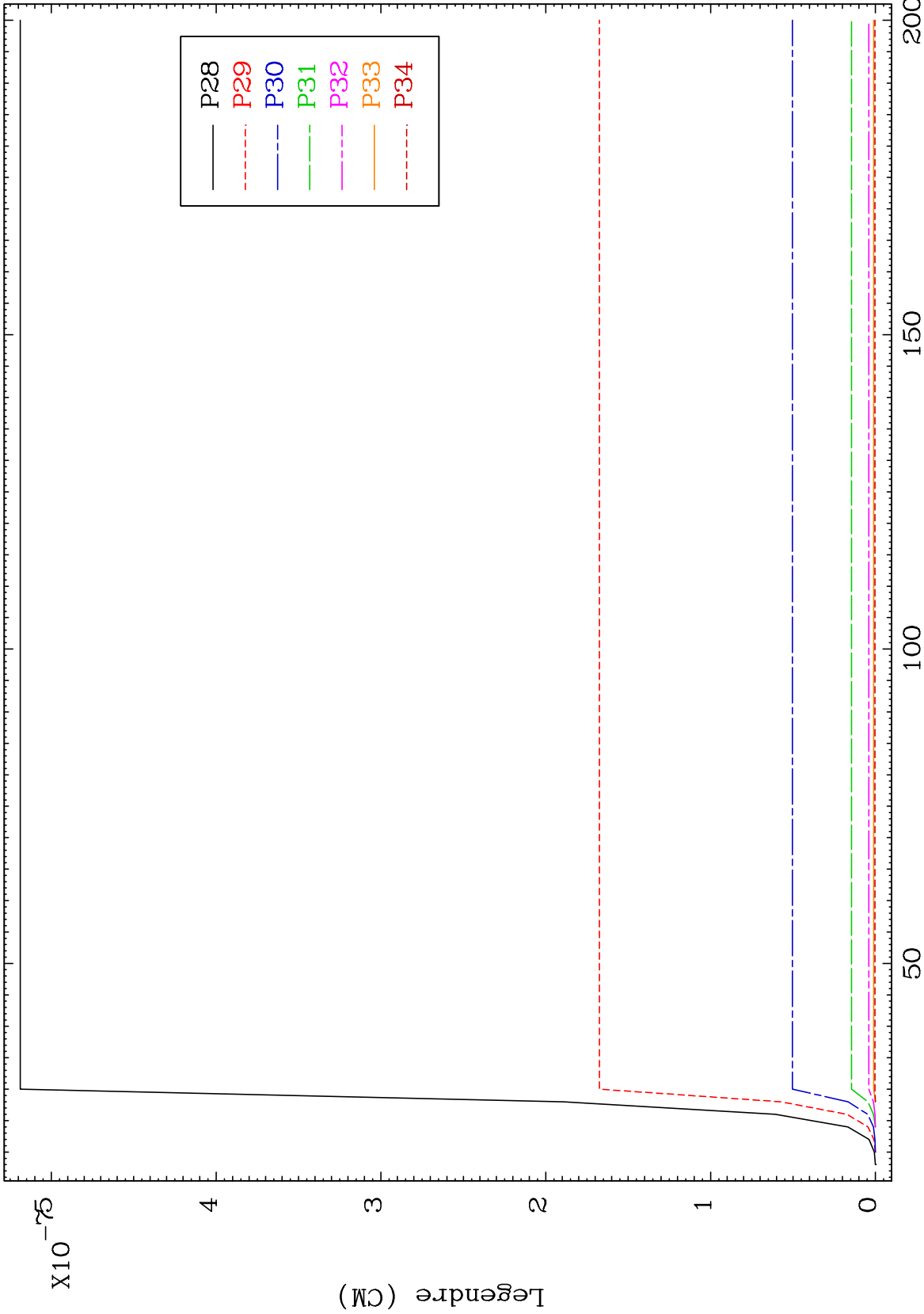
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



86

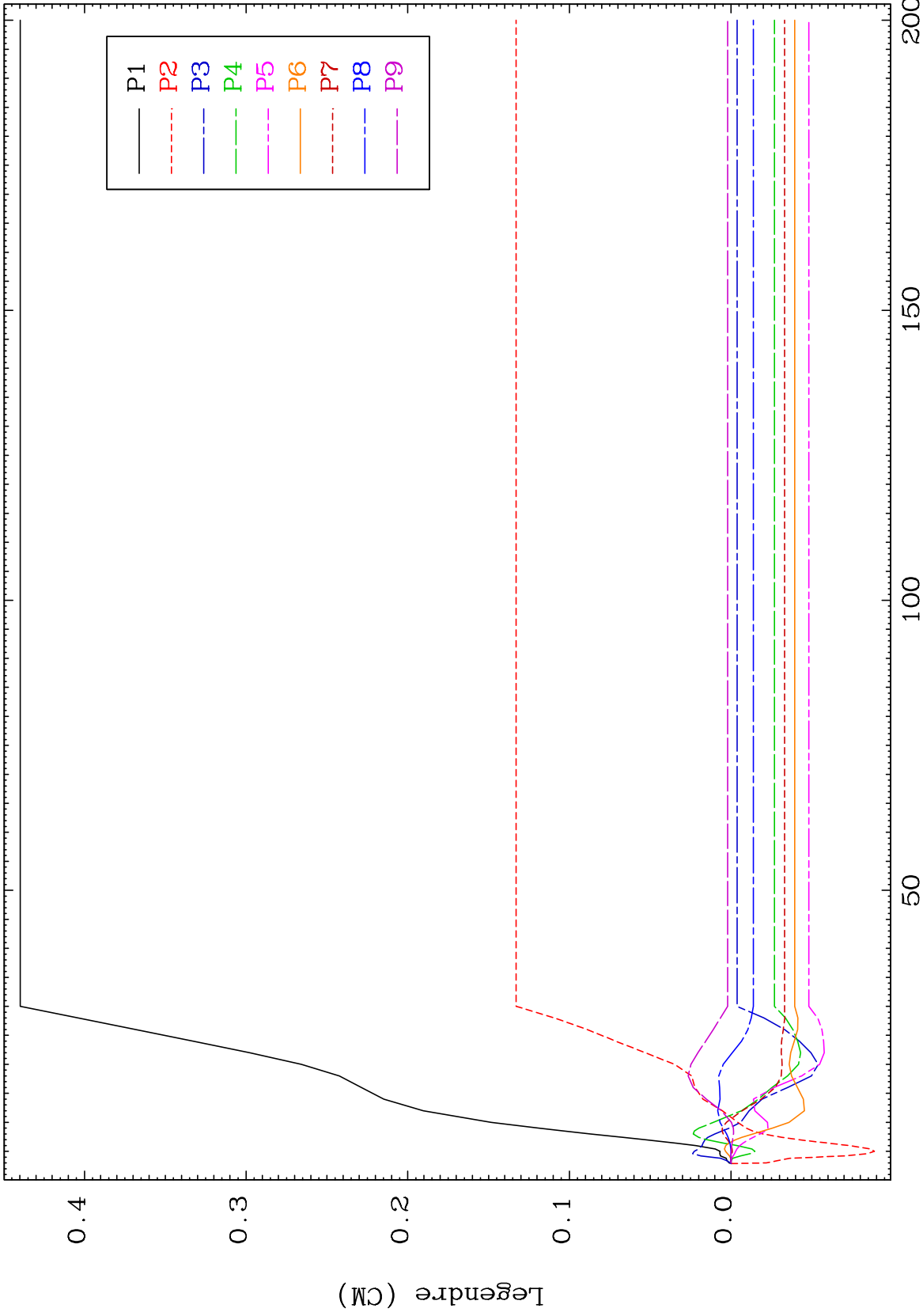
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



87

Incident Energy (MeV)

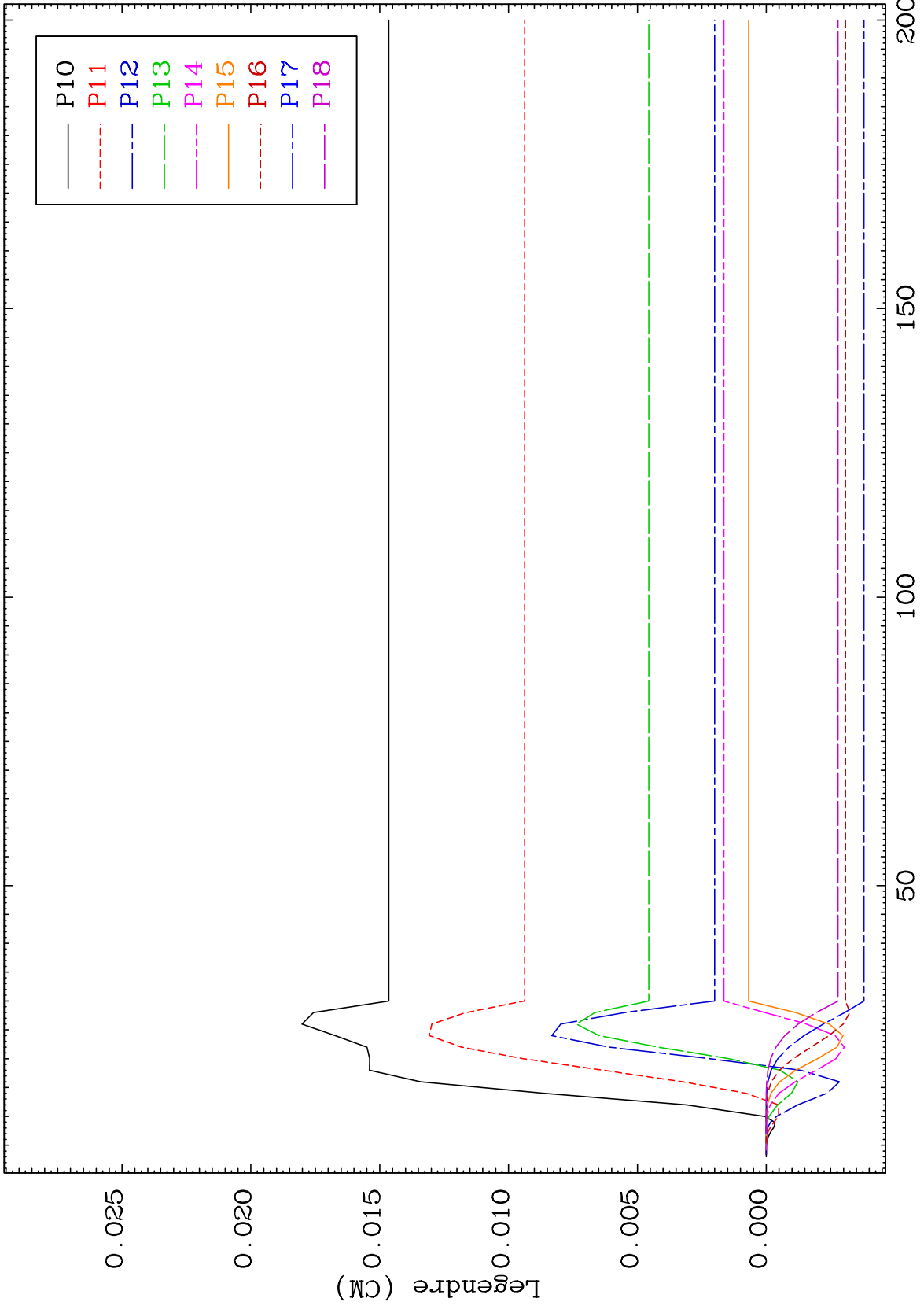
39-Y -95



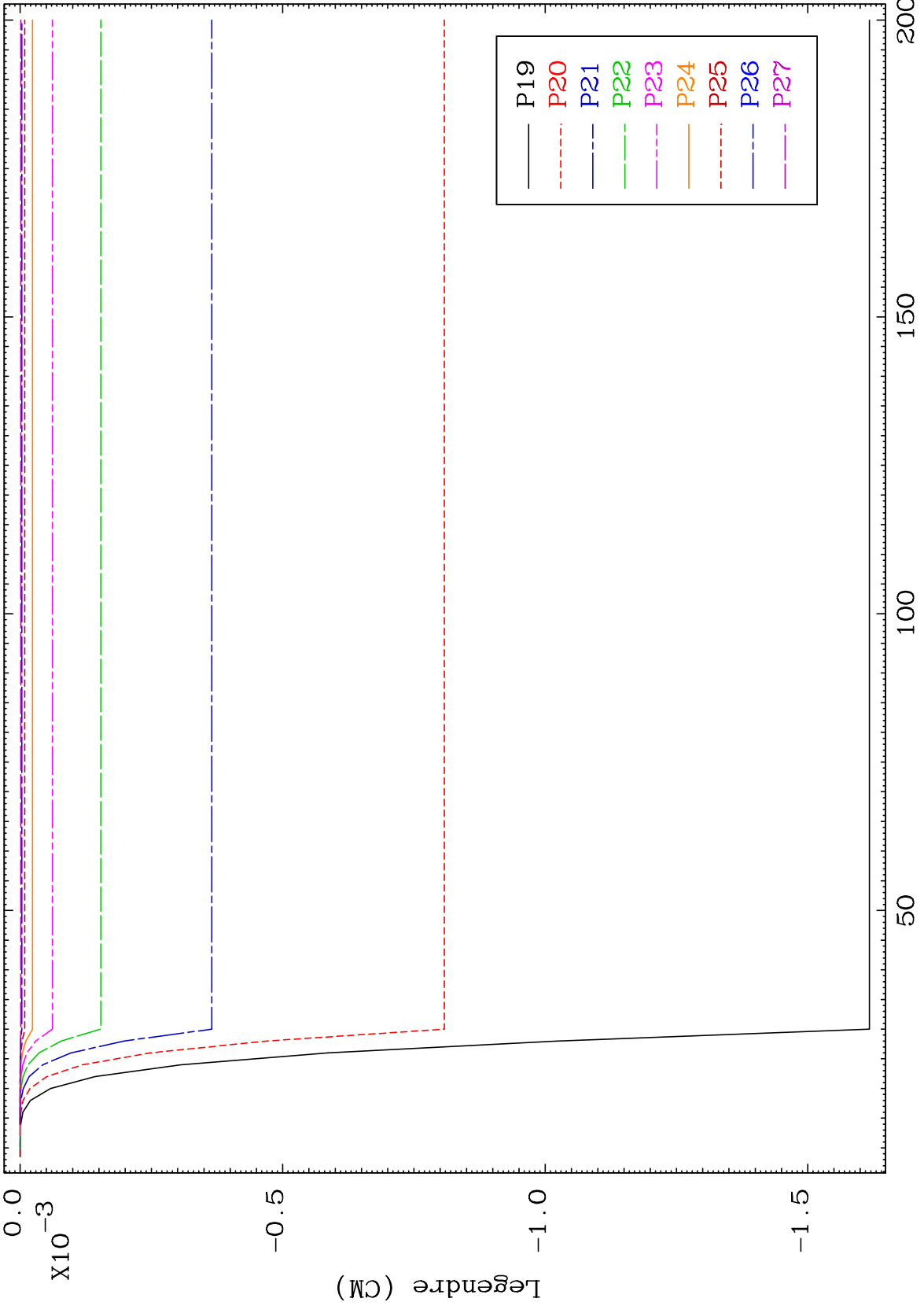
MAT 3943

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

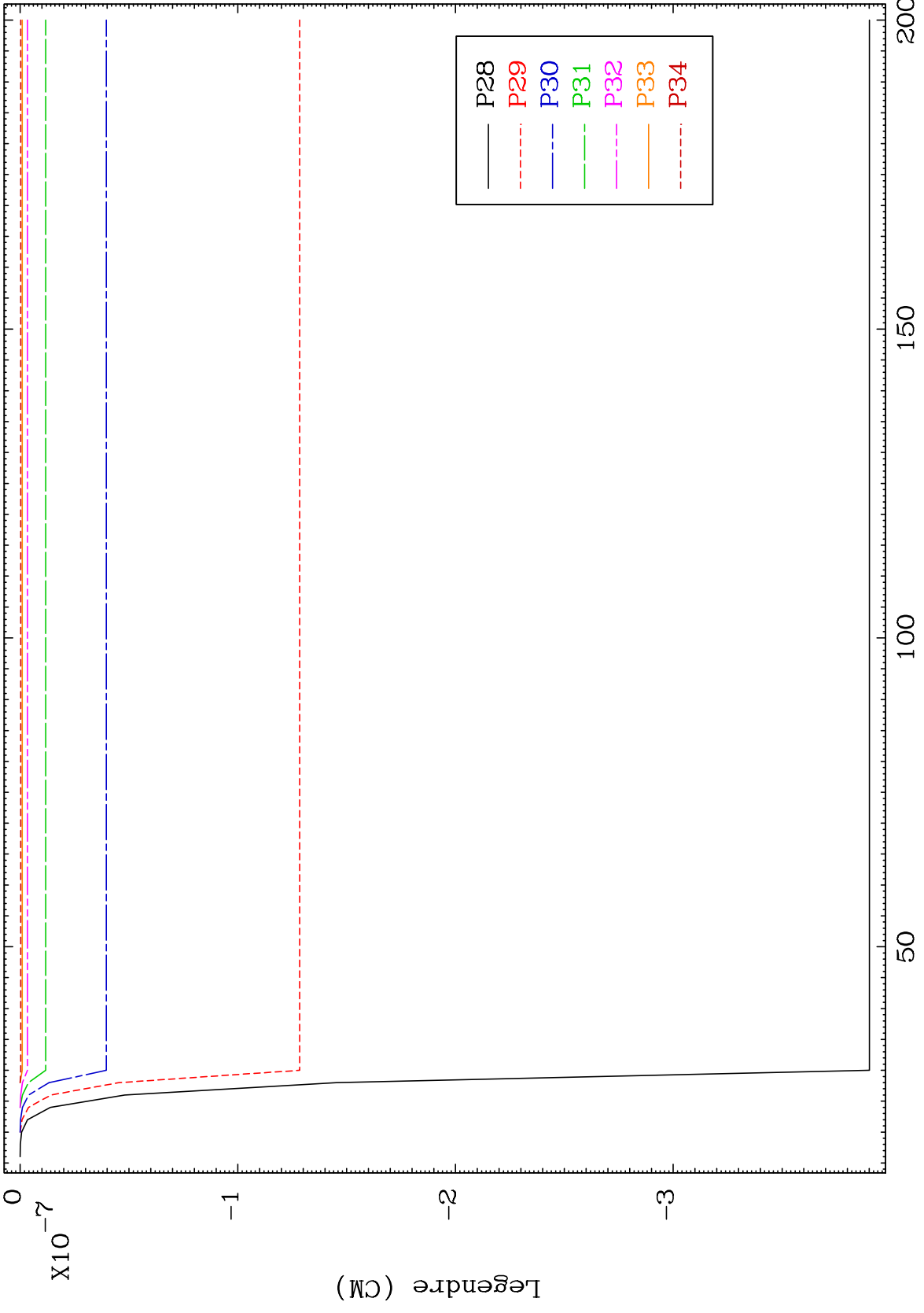
39-Y -95



MAT 3943 MT= 69 (n,n') Level Legendre Coefficients 39-Y -95



MAT 3943 MT= 69 (n,n') Level Legendre Coefficients 39-Y -95

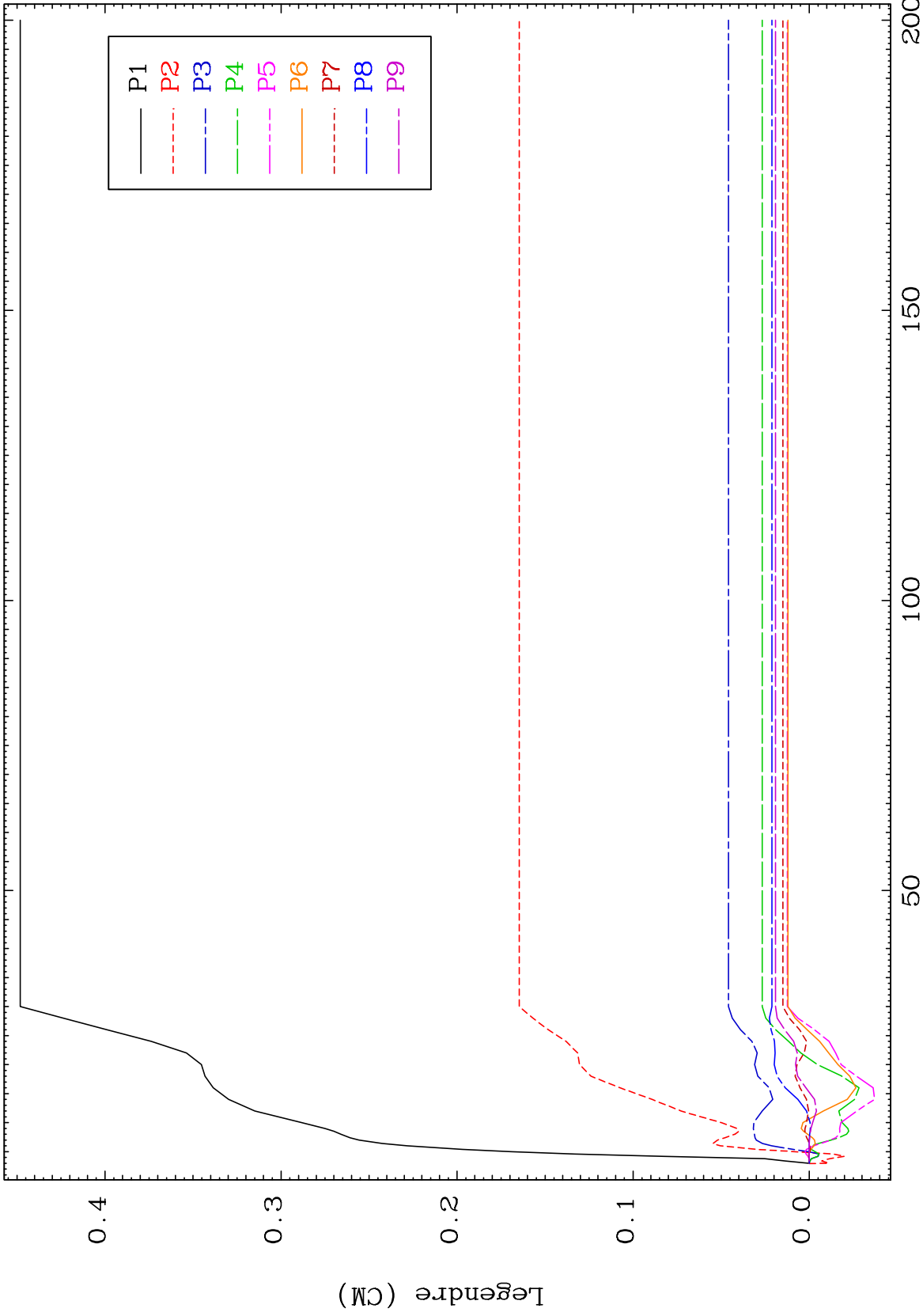


90 Incident Energy (MeV) 39-Y -95

MAT 3943

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

39-Y -95



91

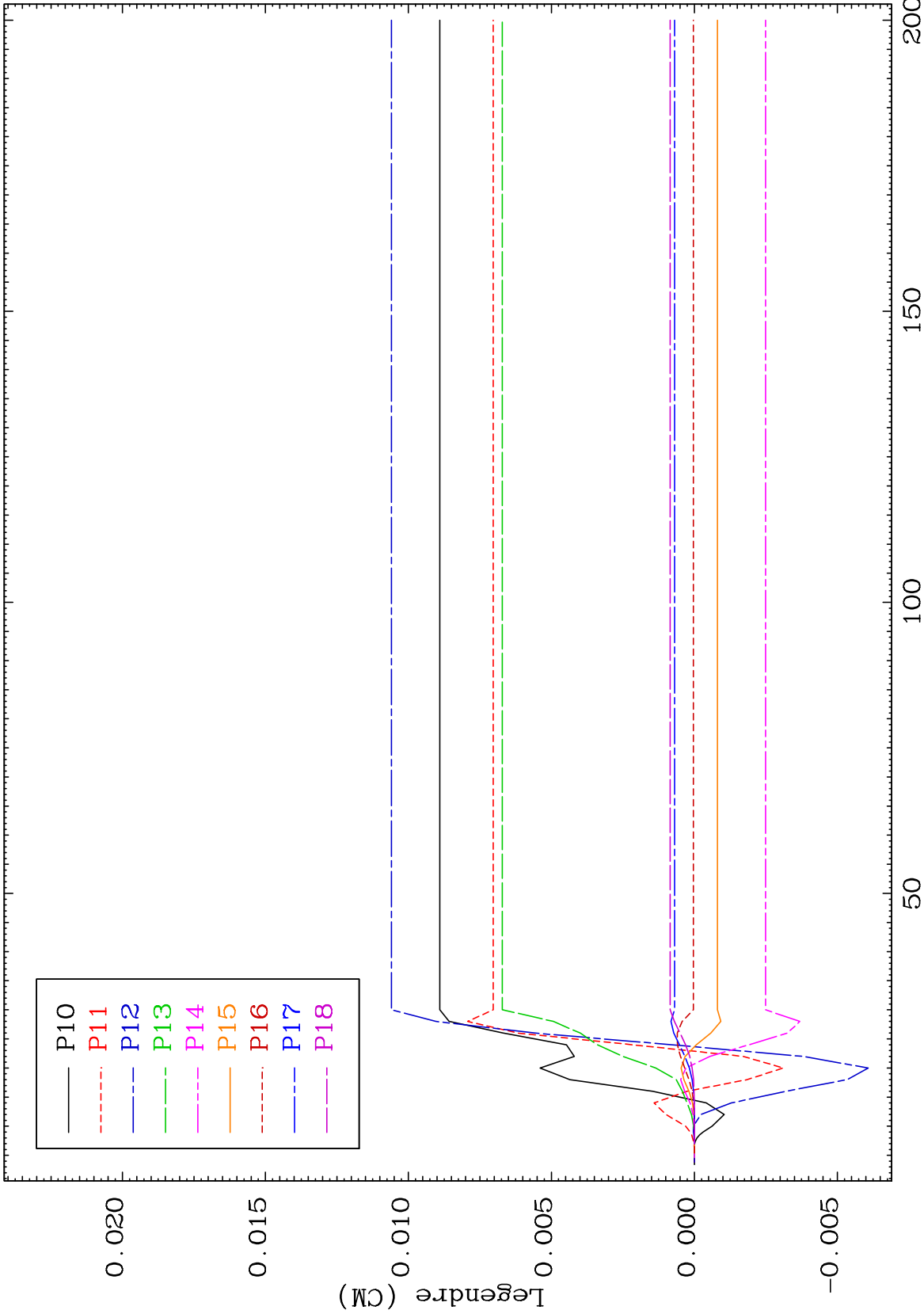
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



92

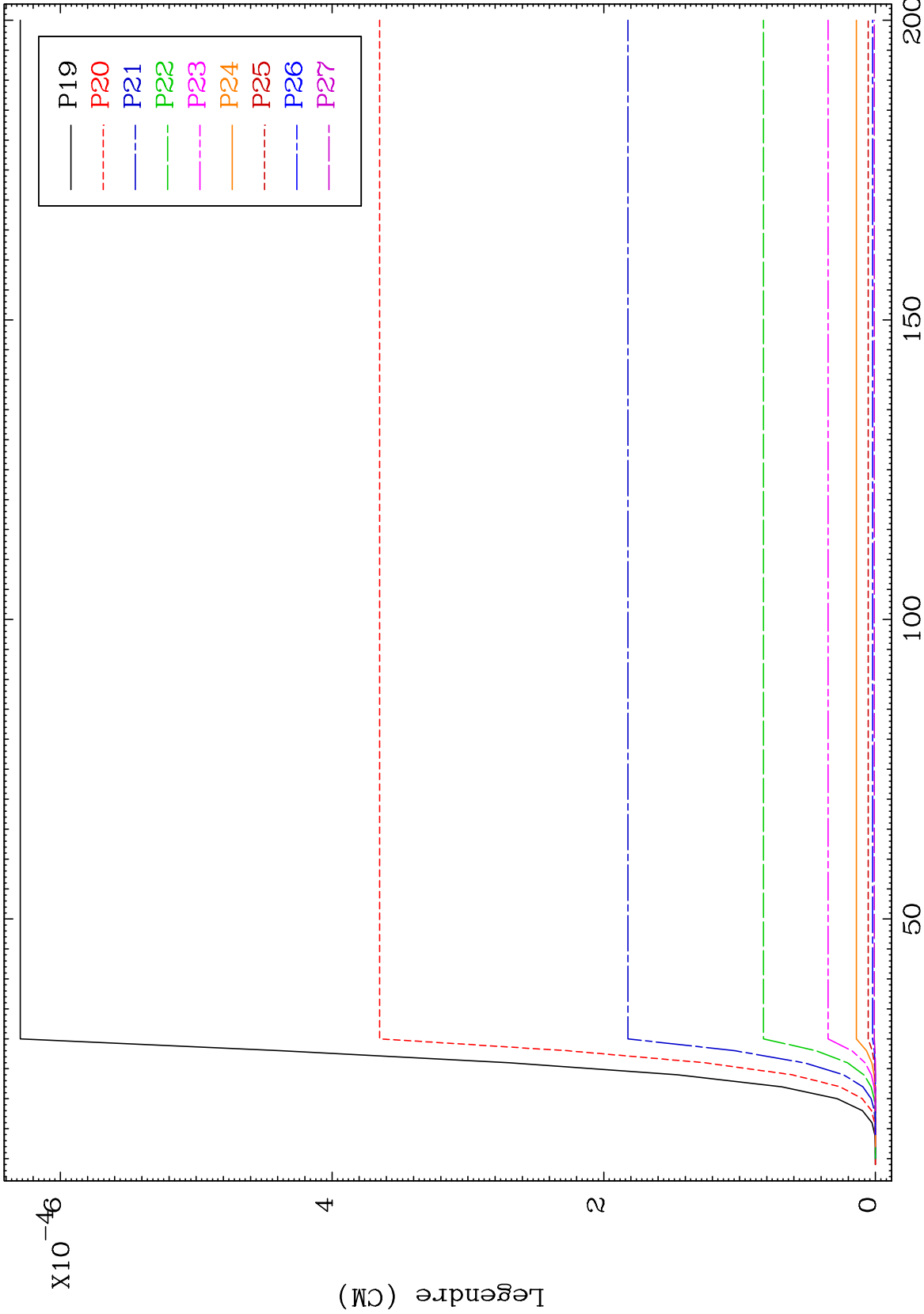
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



93

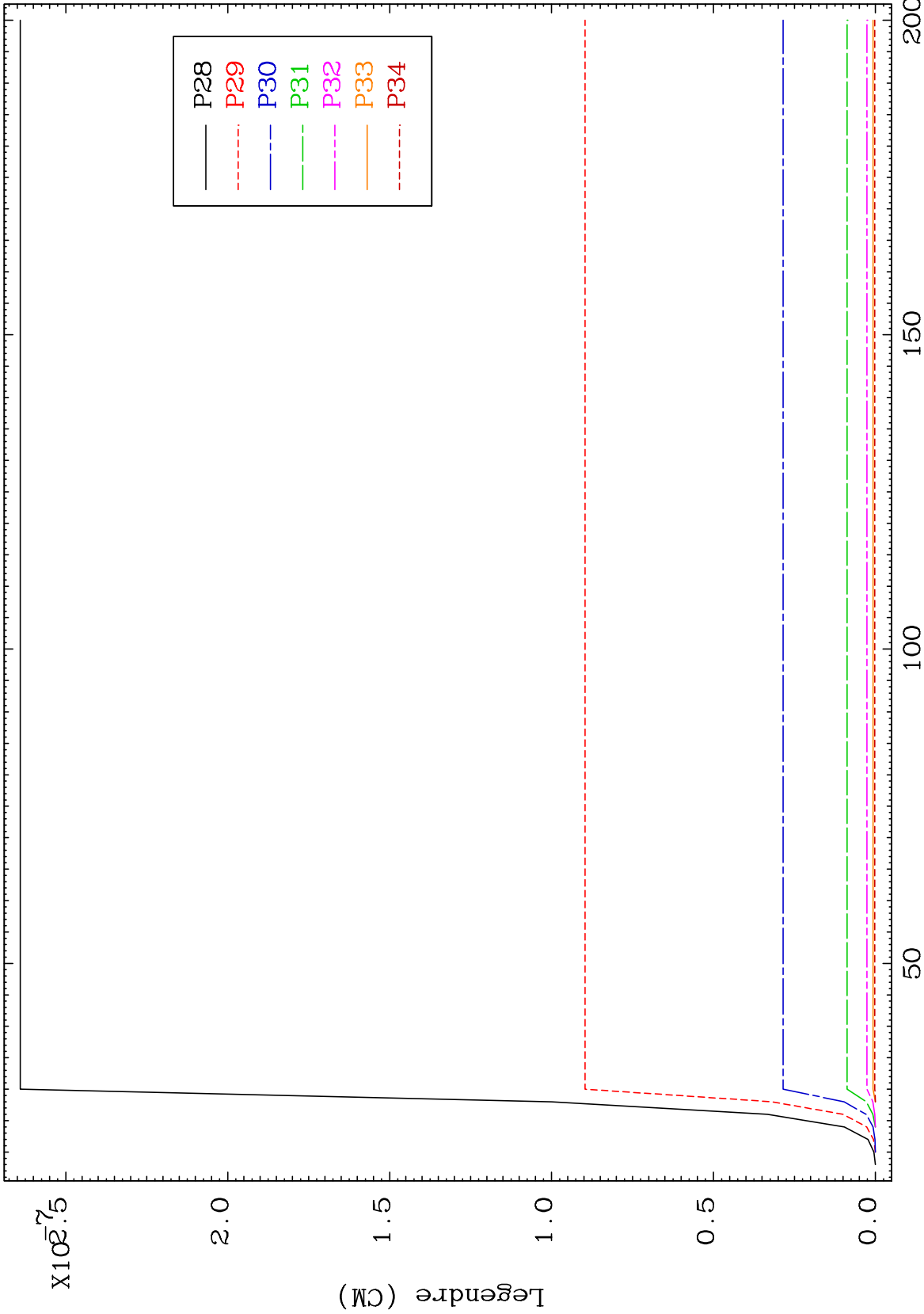
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



94

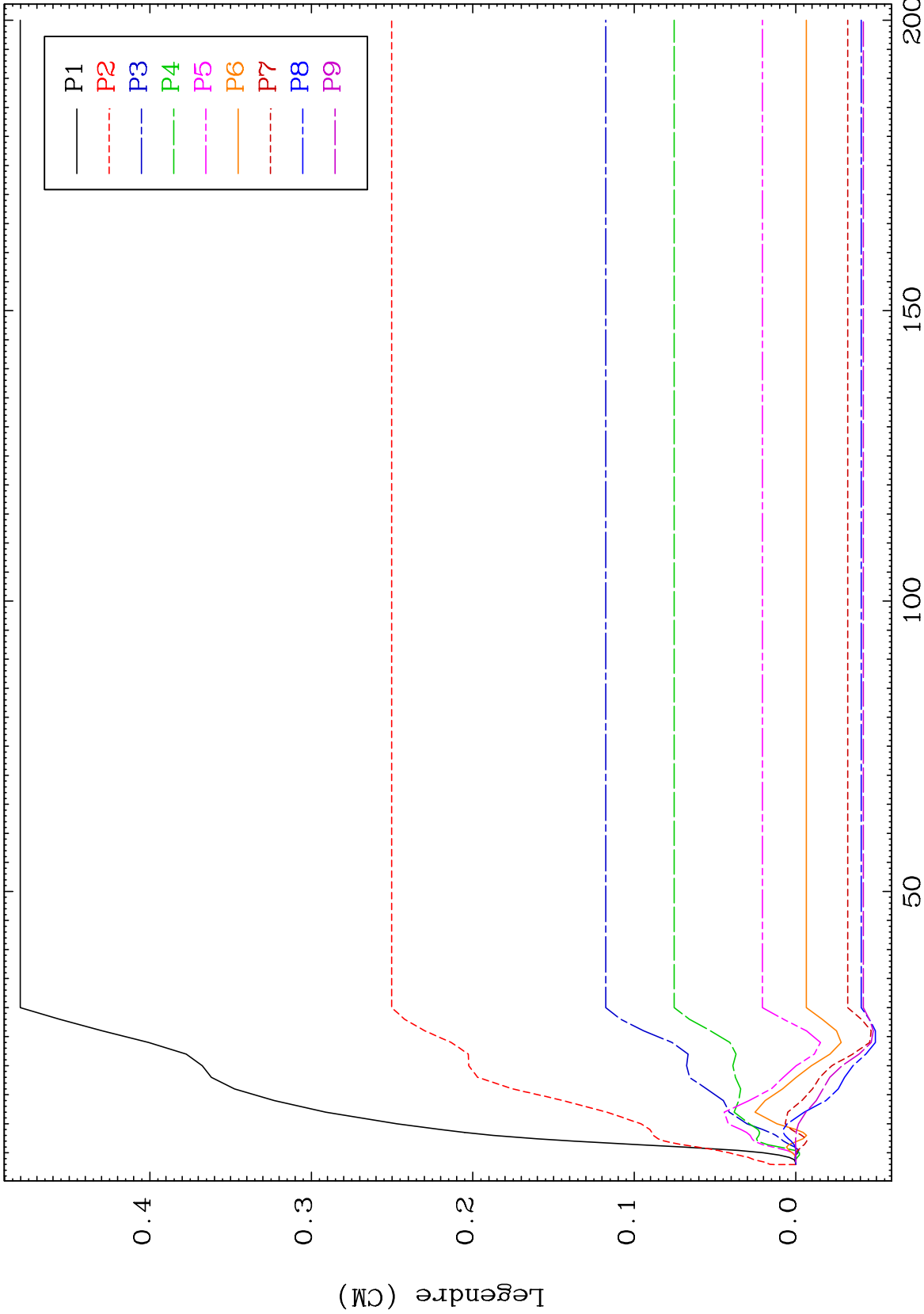
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



95

Incident Energy (MeV)

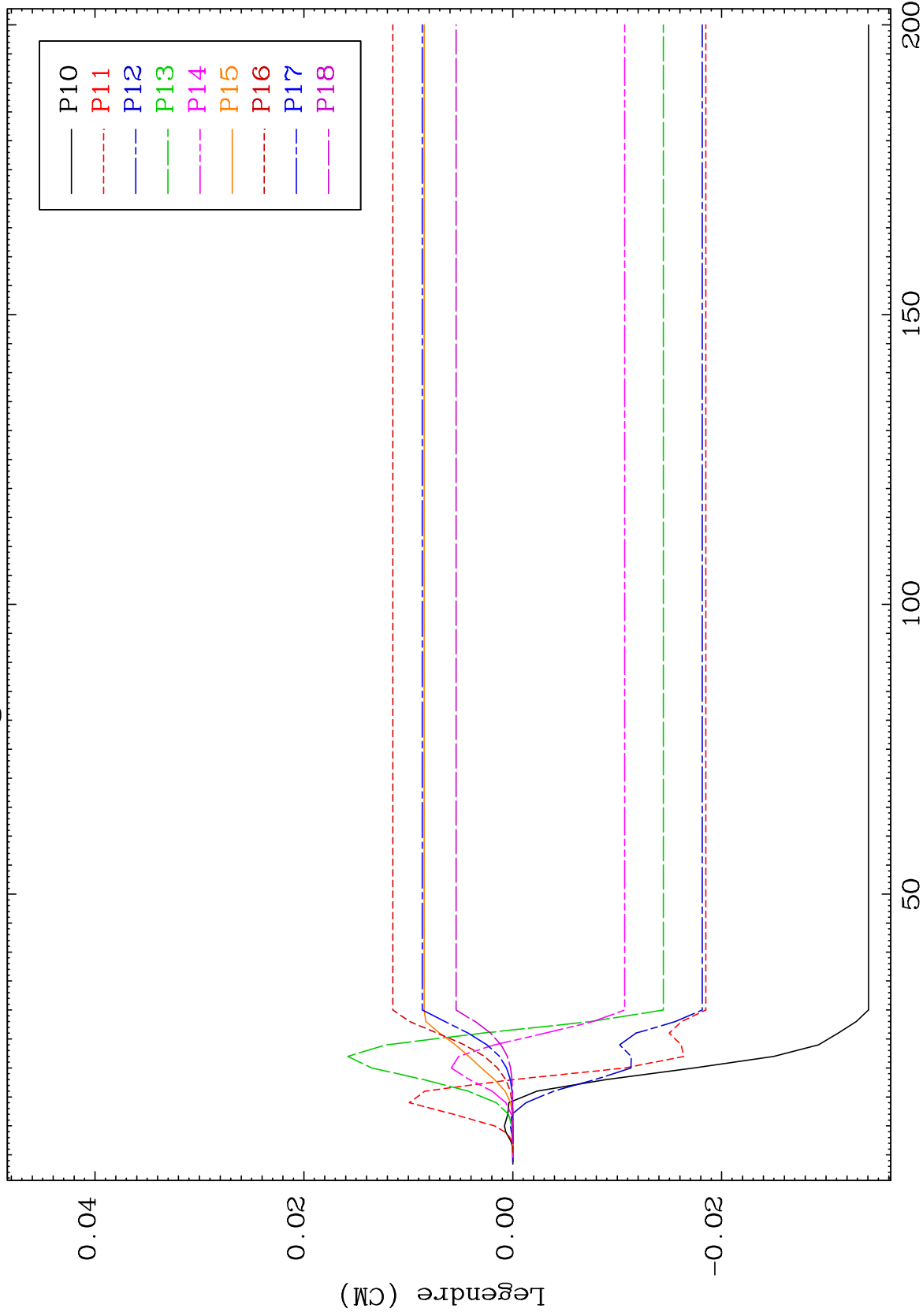
39-Y -95



MAT 3943

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

39-Y -95



96

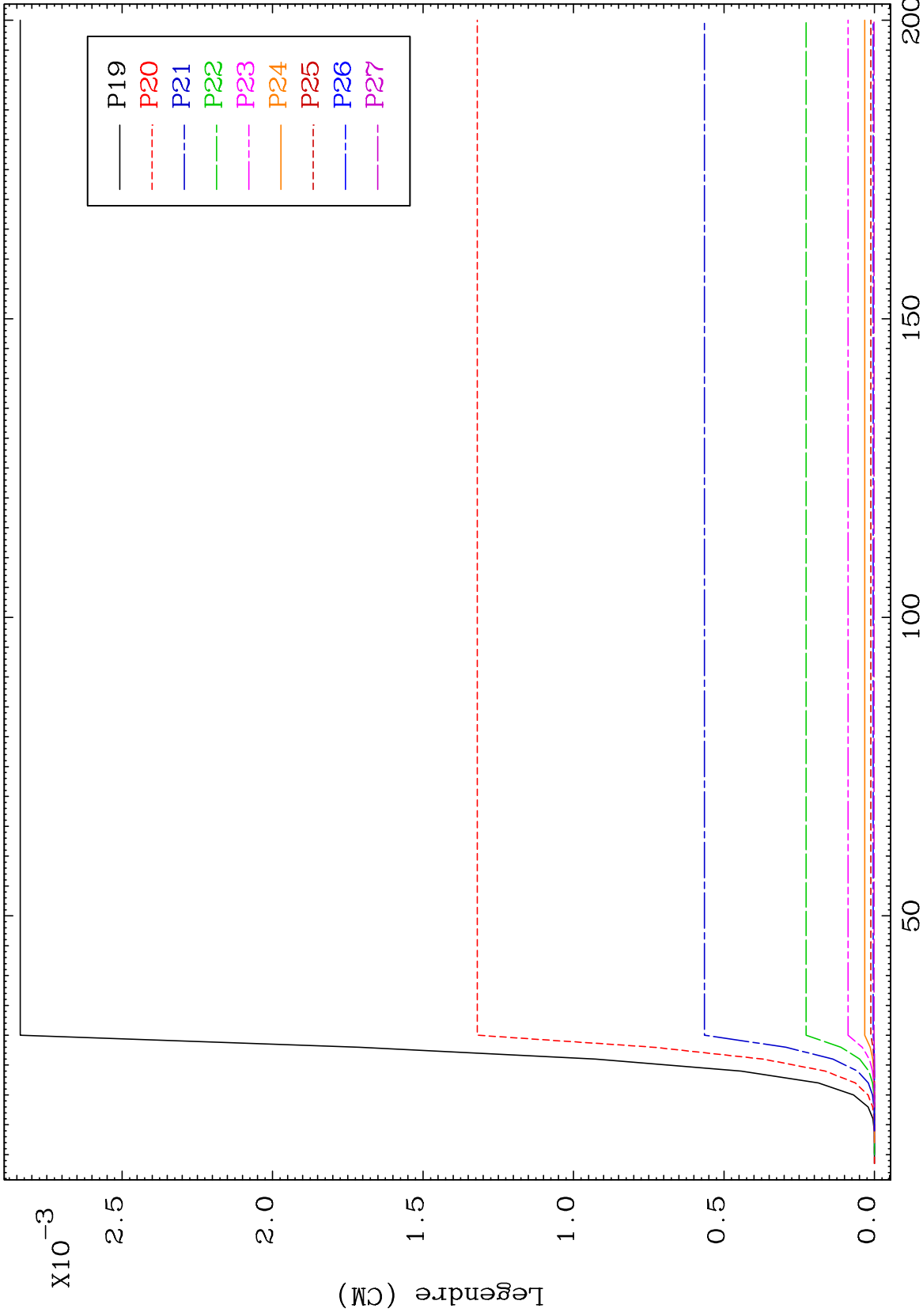
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



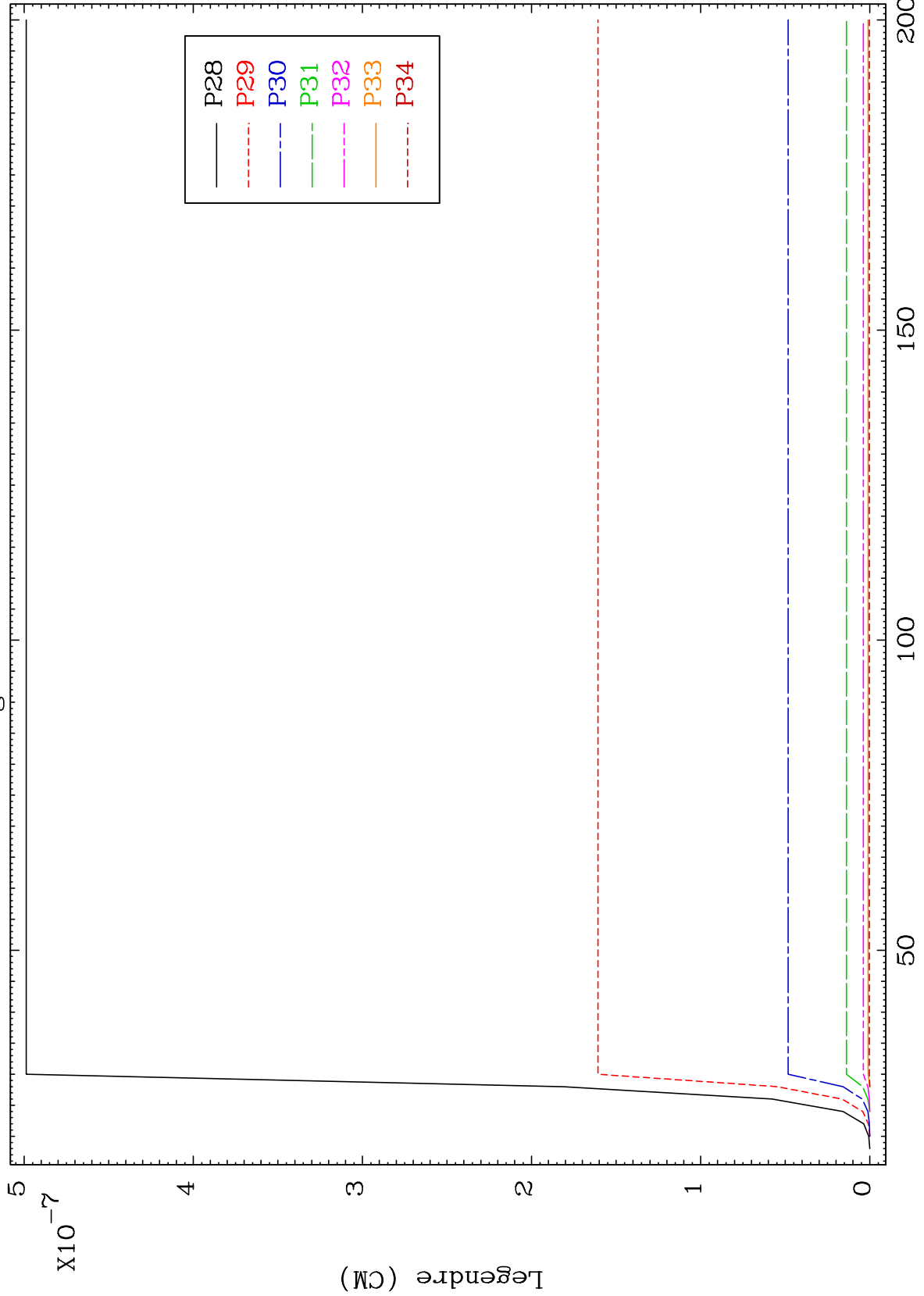
97

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

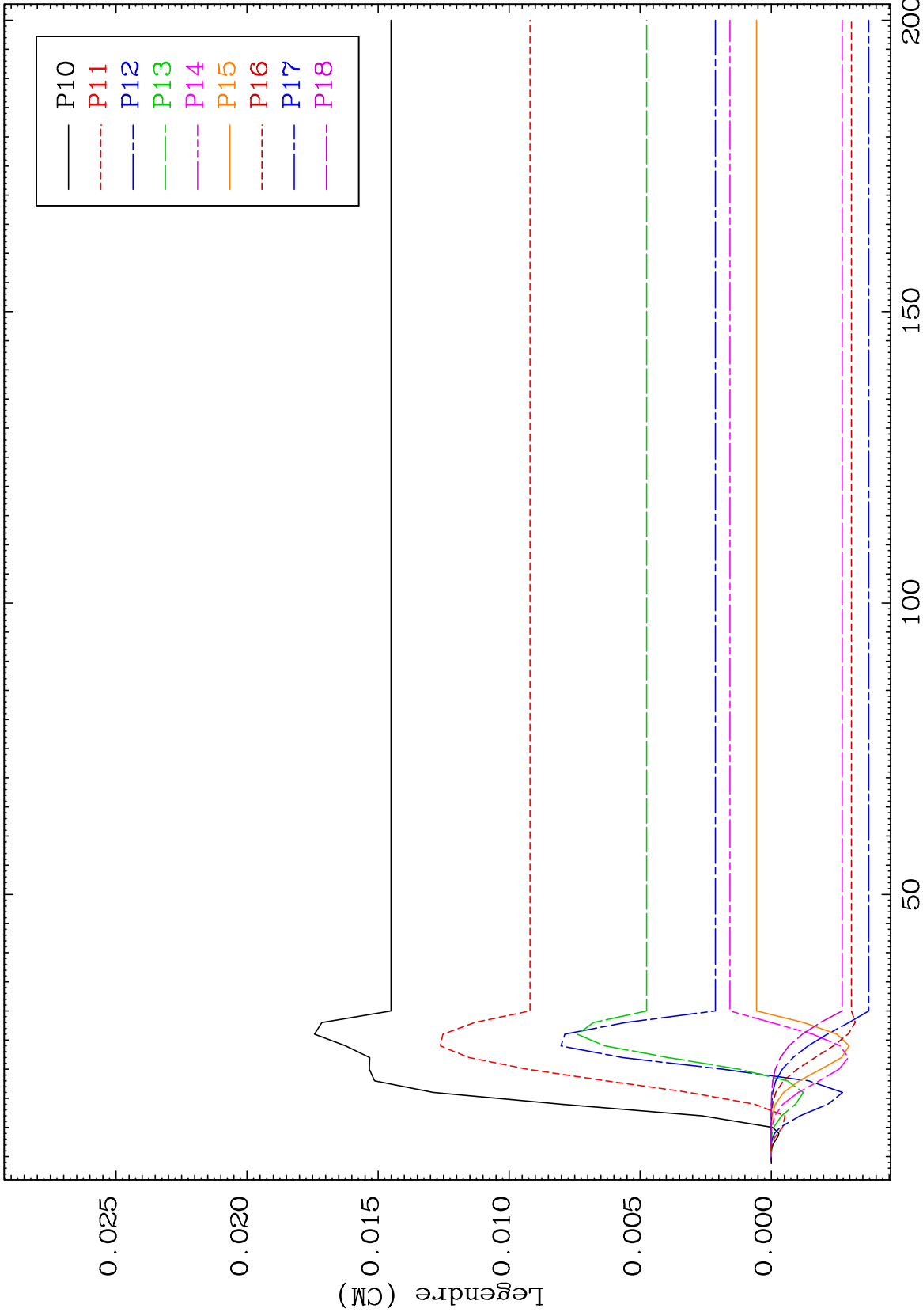
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95

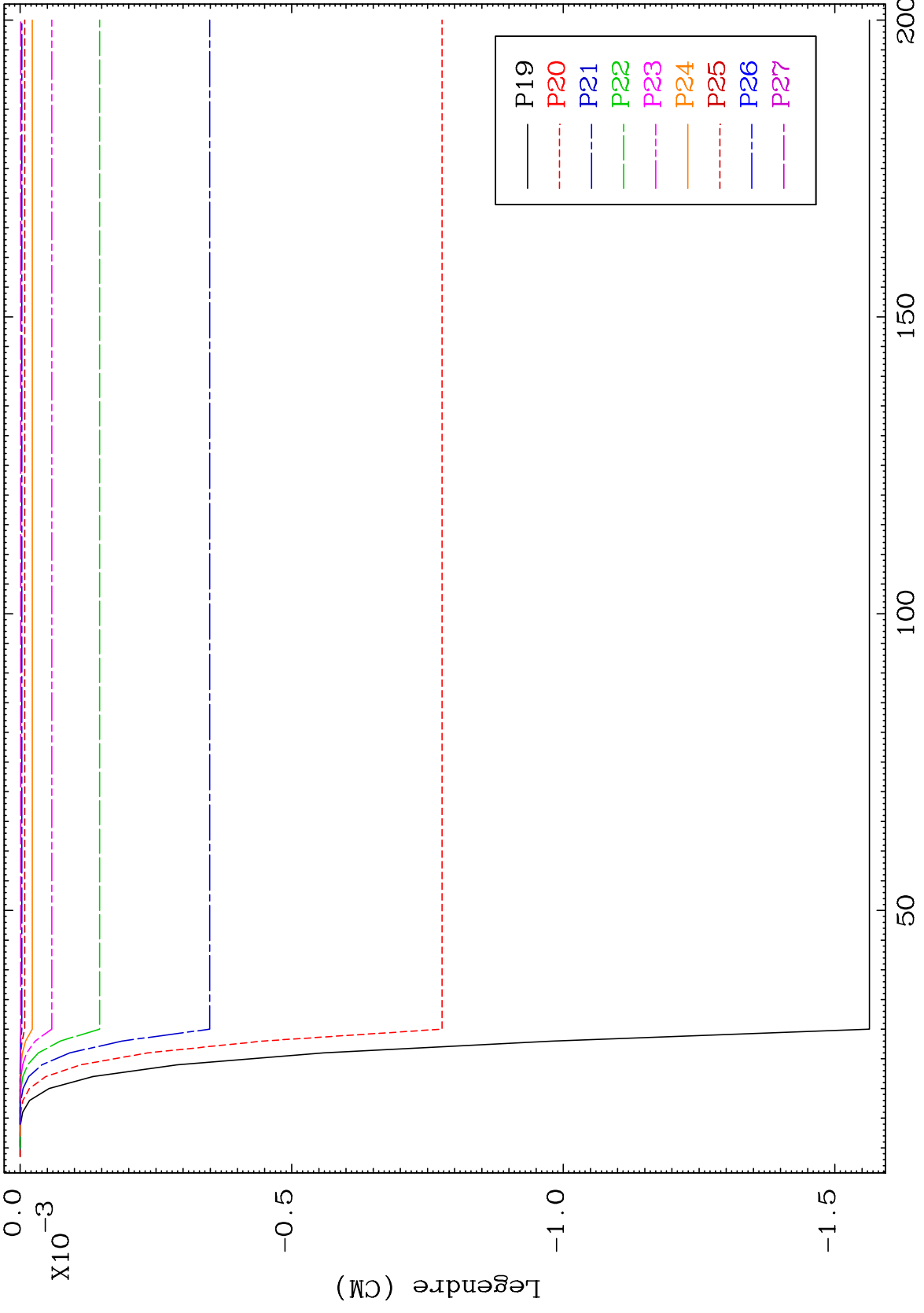


100

Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 72 (n,n') Level Legendre Coefficients 39-Y -95

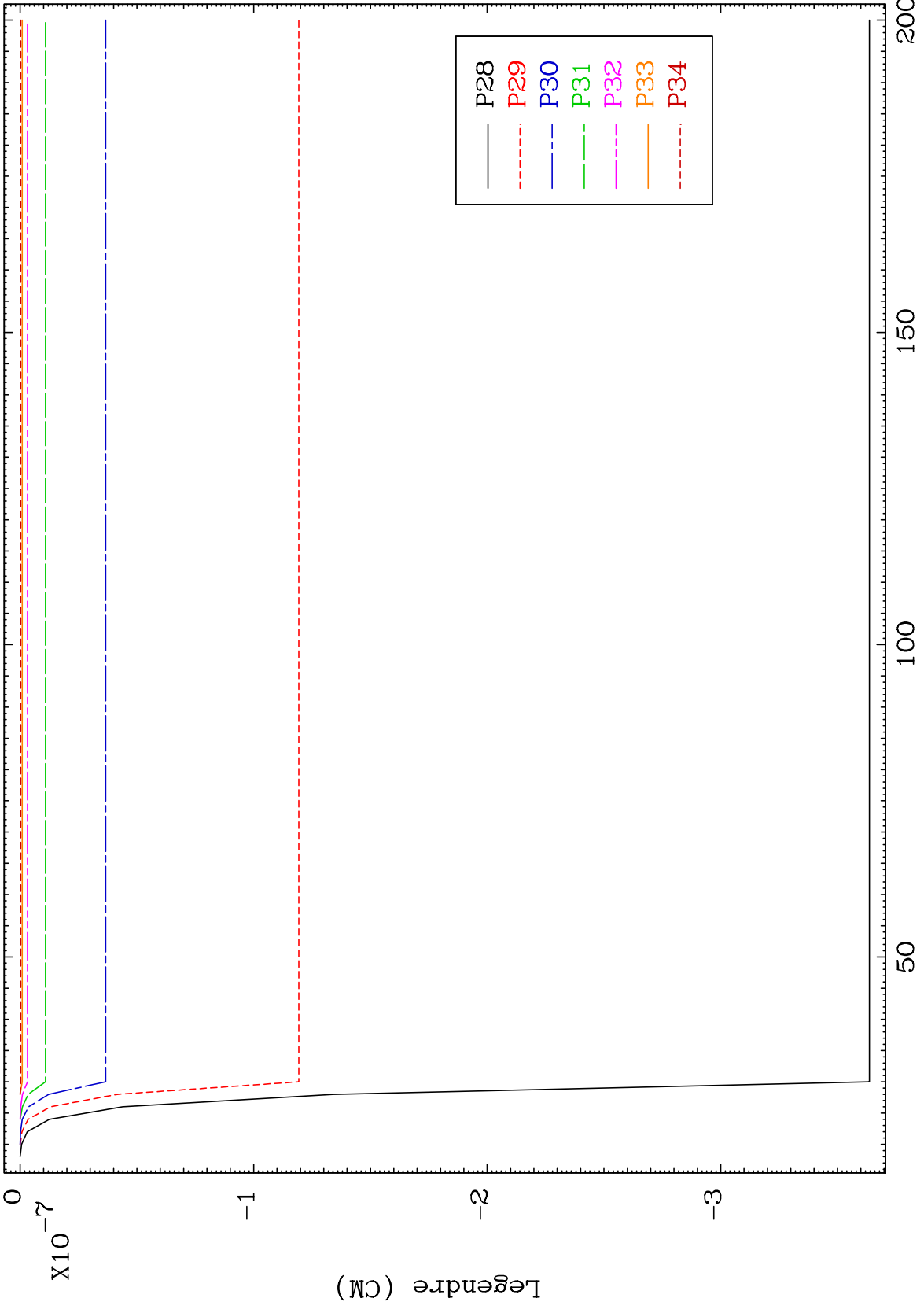


101

Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 72 (n,n') Level Legendre Coefficients 39-Y -95

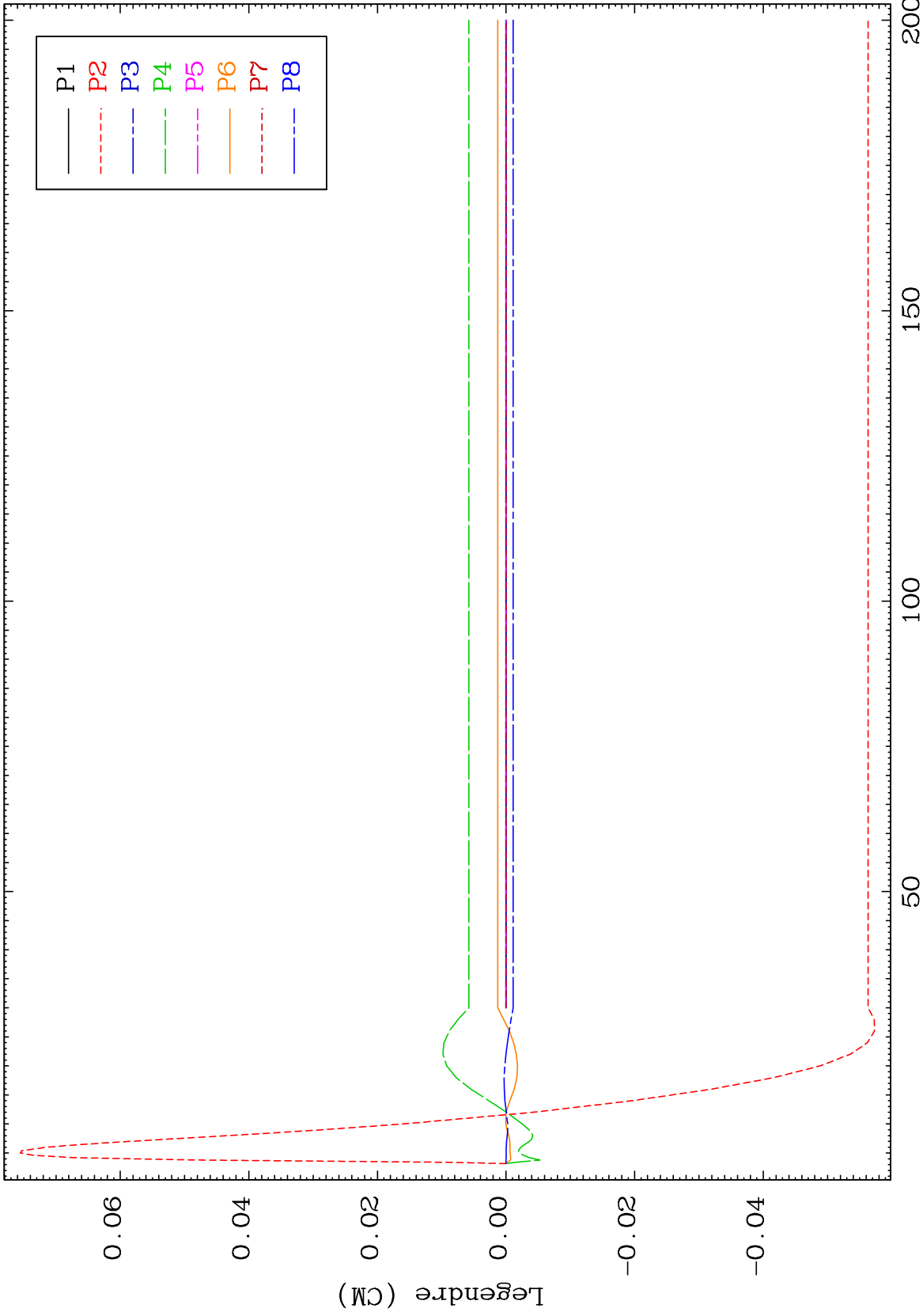


102 39-Y -95

MAT 3943

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

39-Y -95



103

Incident Energy (MeV)

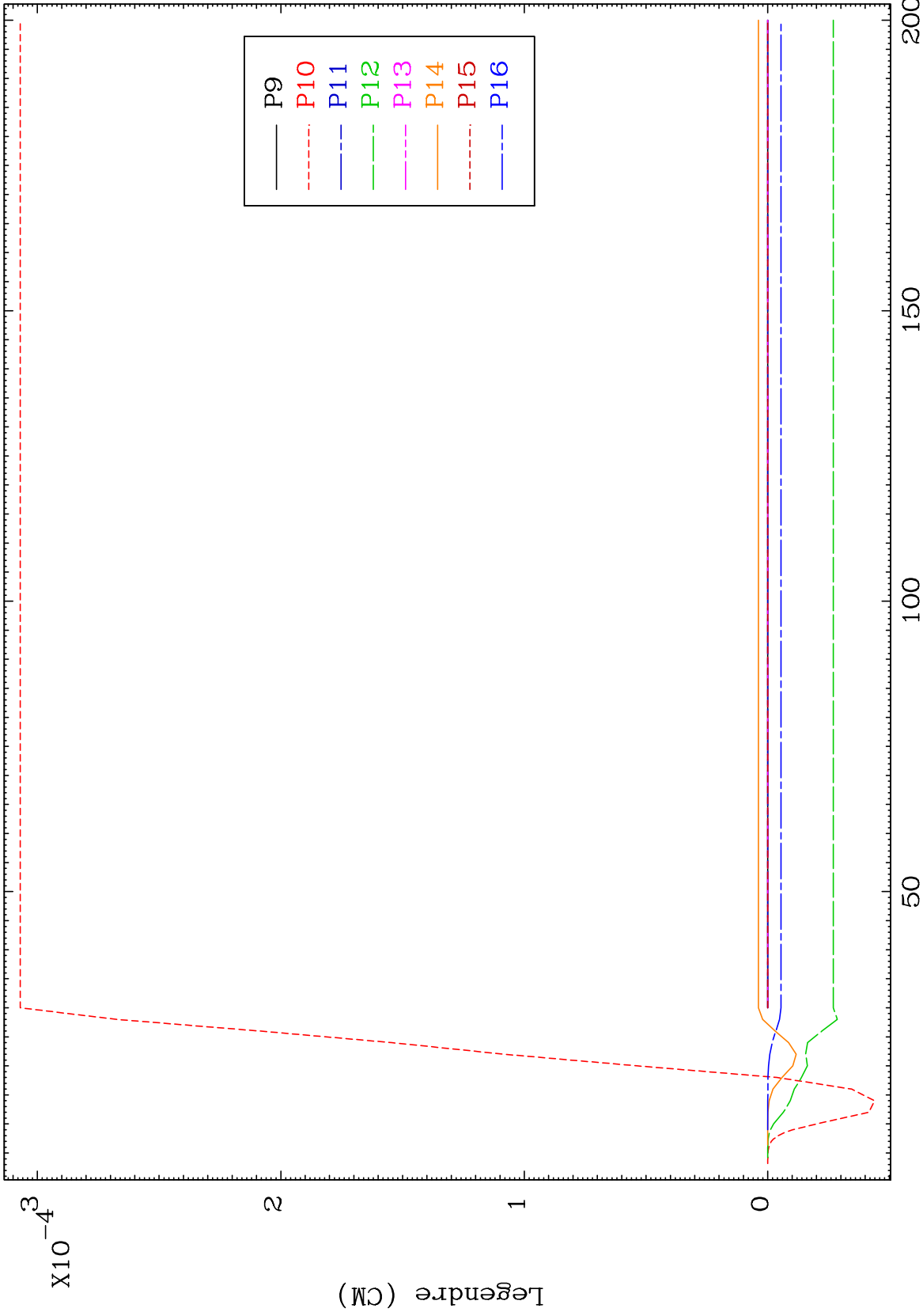
39-Y -95



MAT 3943

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

39-Y -95

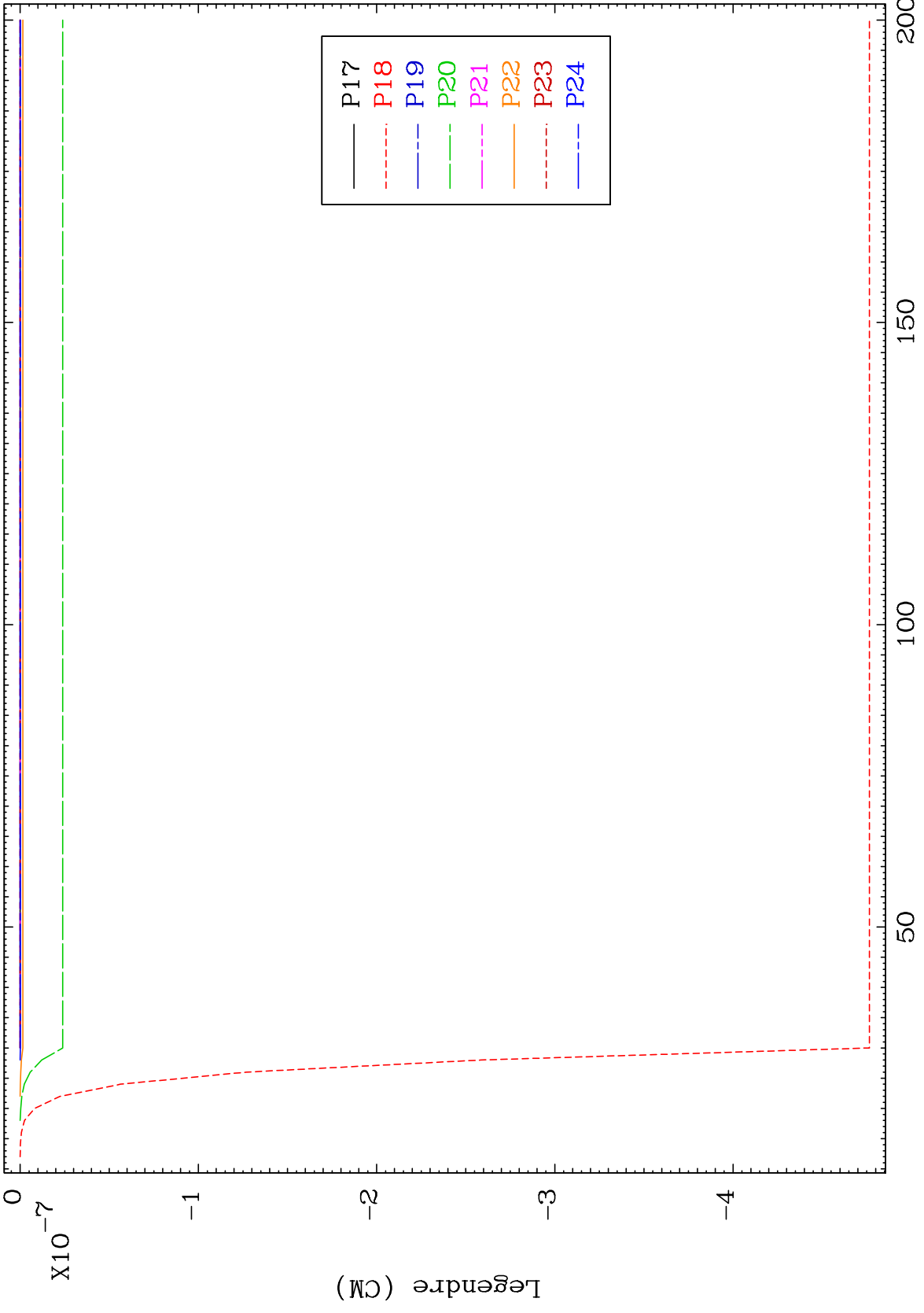


104

Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 73 (n,n') Level Legendre Coefficients 39-Y -95

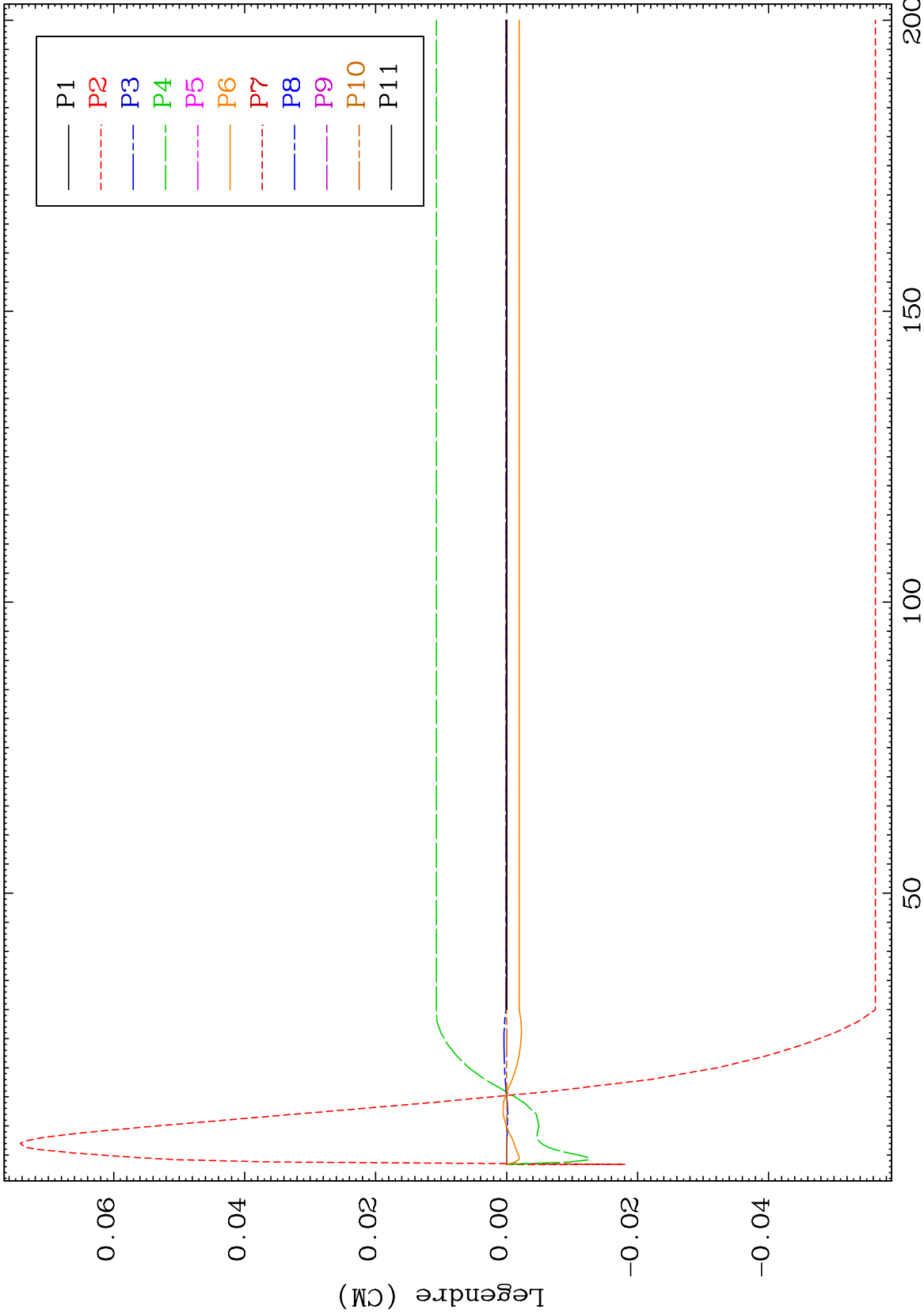


105 50 100 150 200 39-Y -95

MAT 3943

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

39-Y -95



106

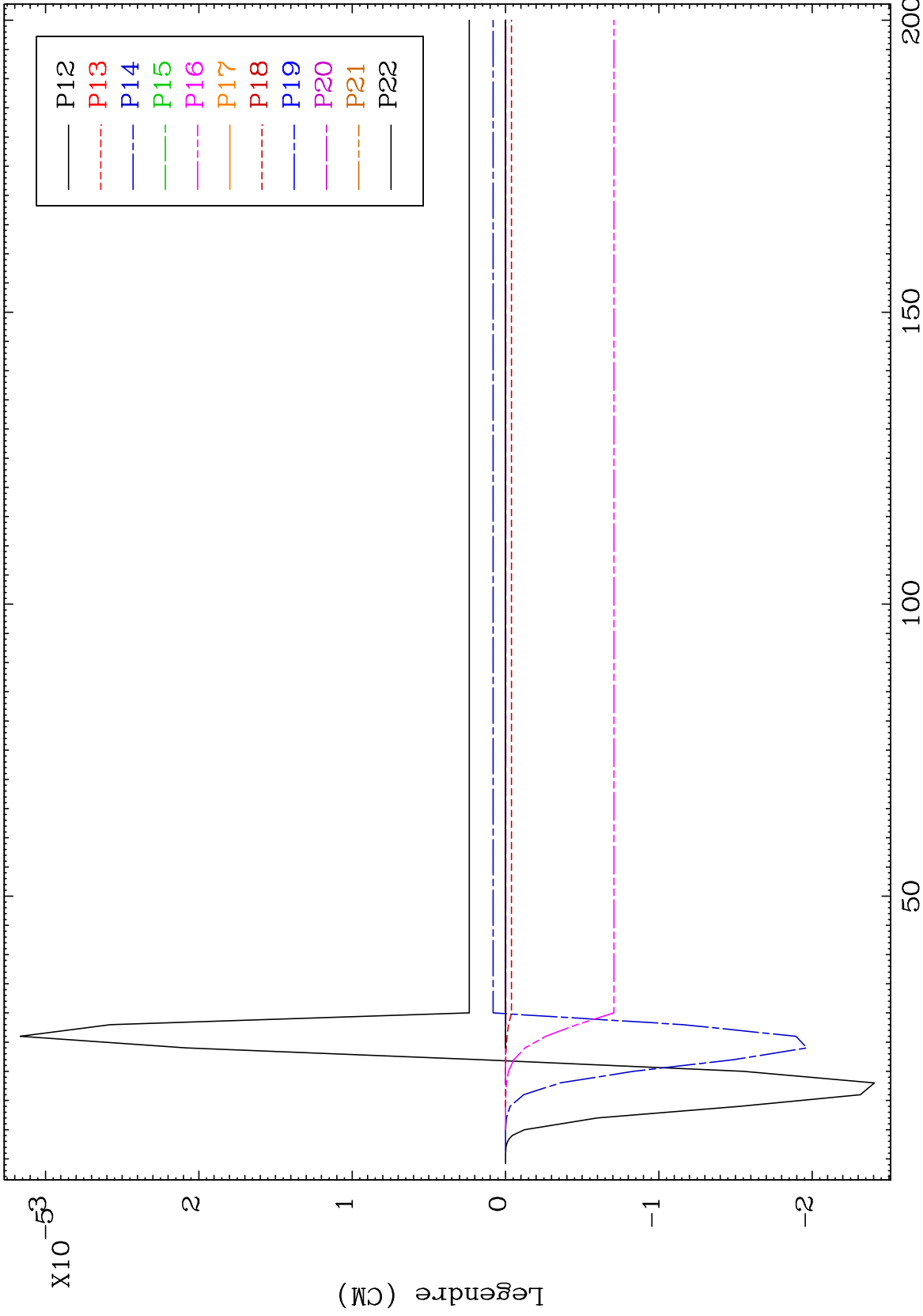
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



107

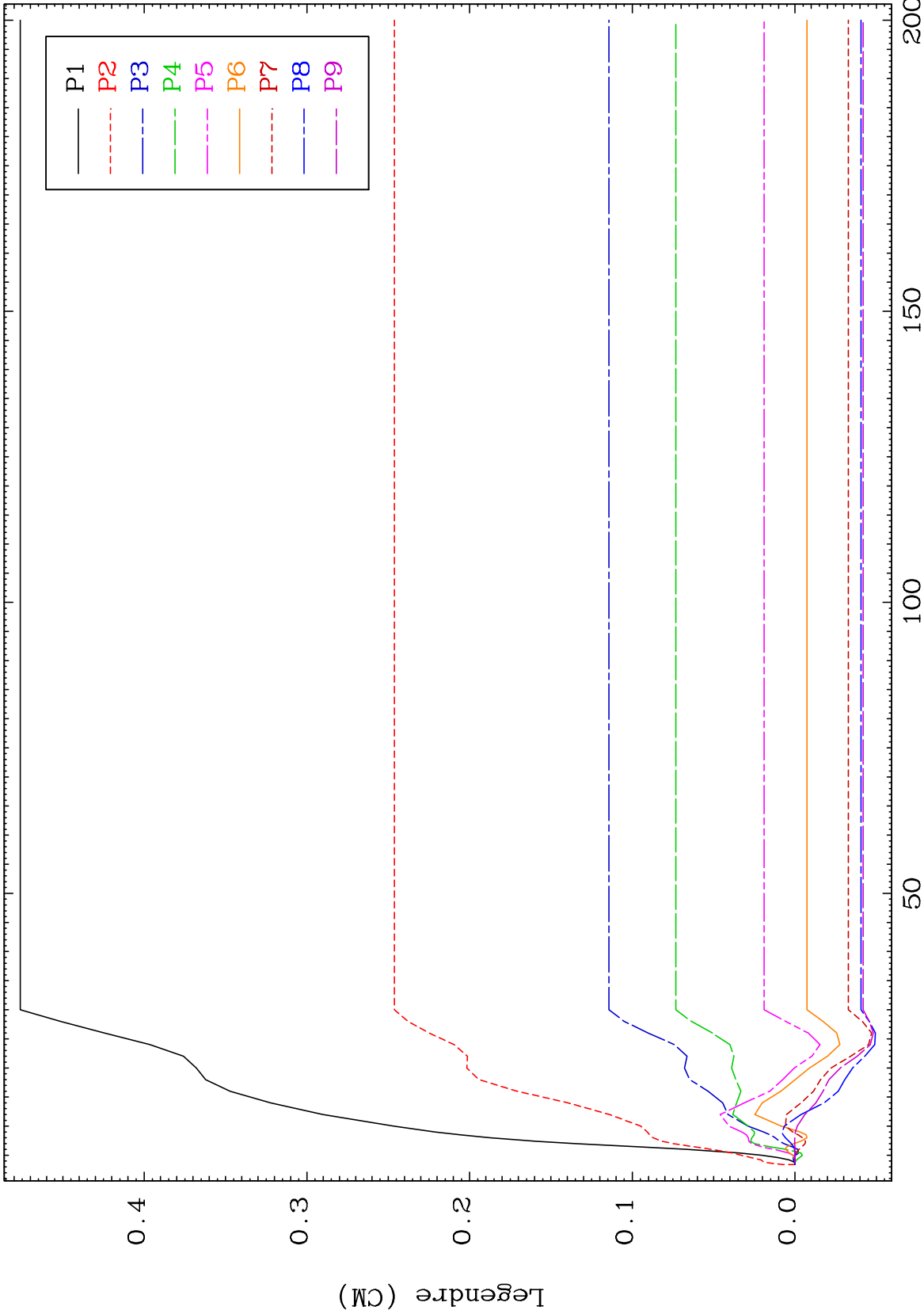
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



108

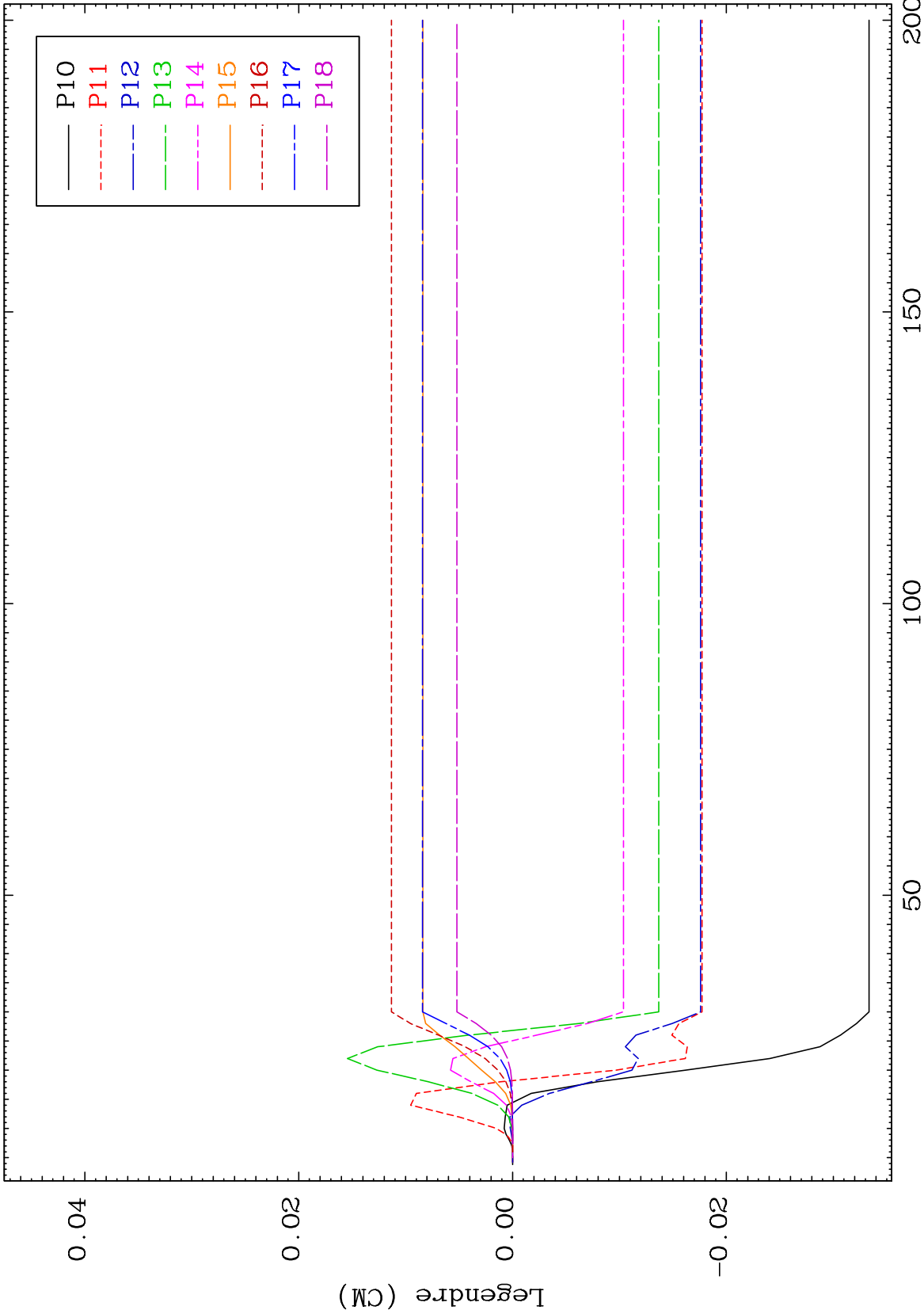
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



109

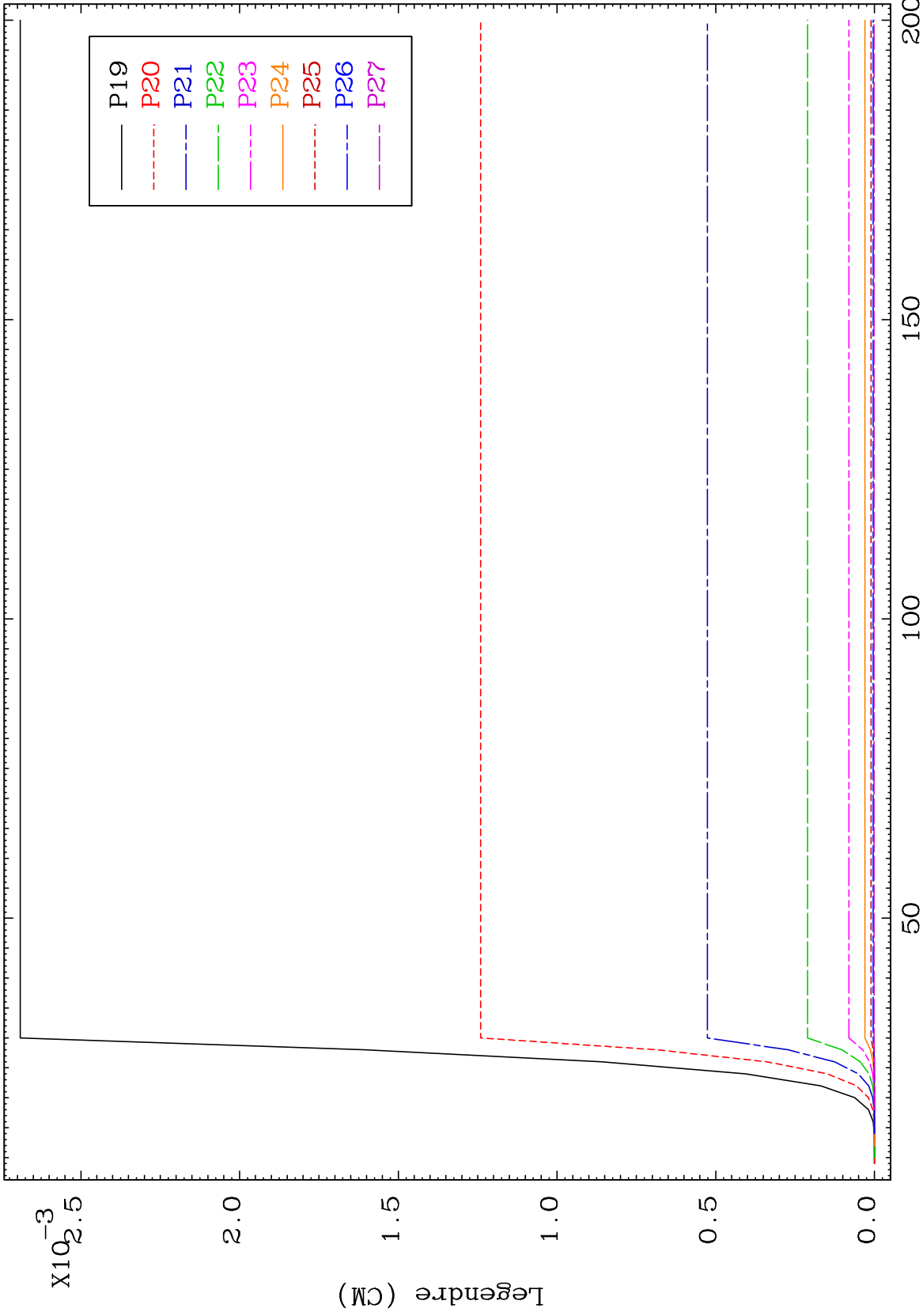
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



110

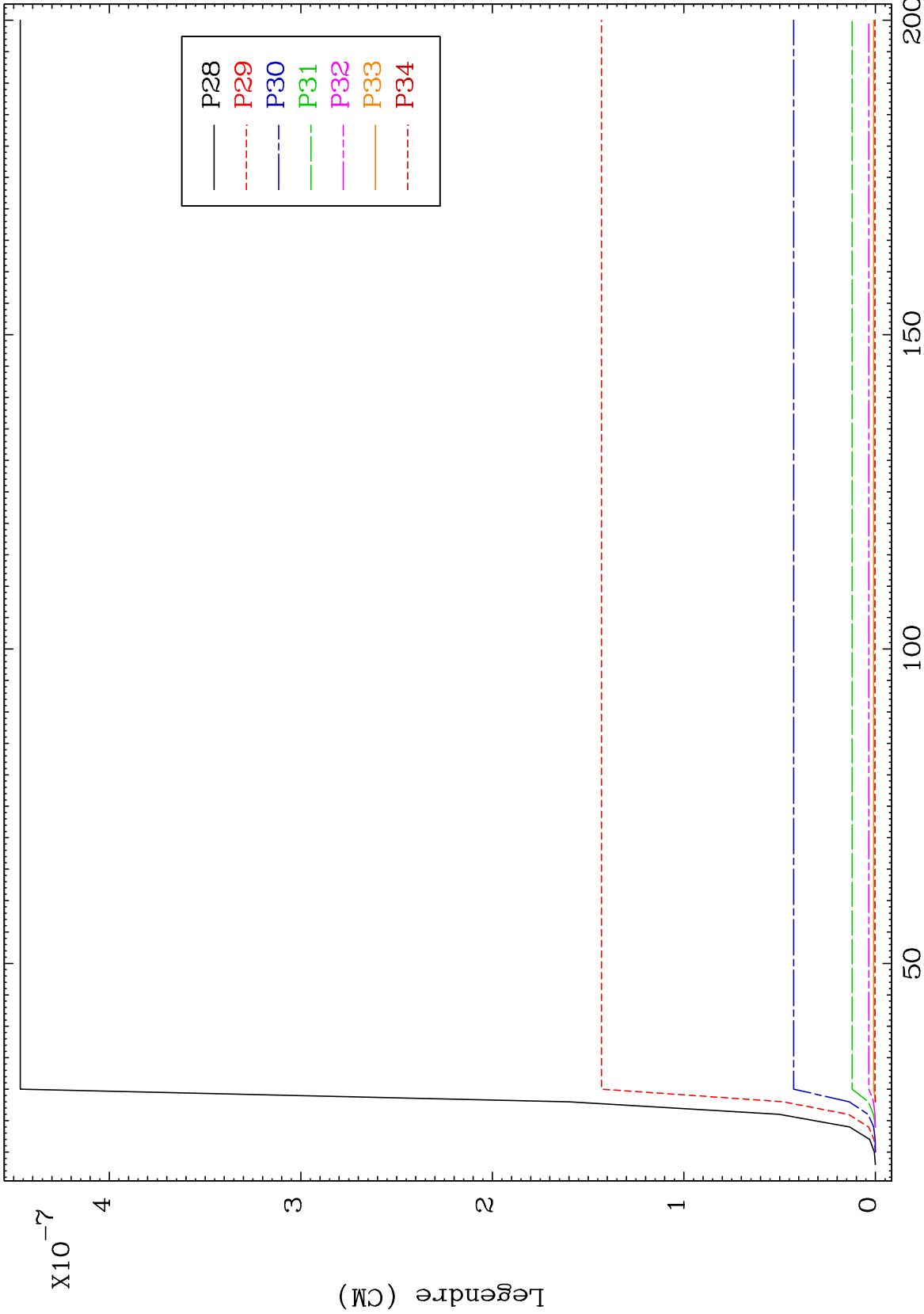
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



111

Incident Energy (MeV)

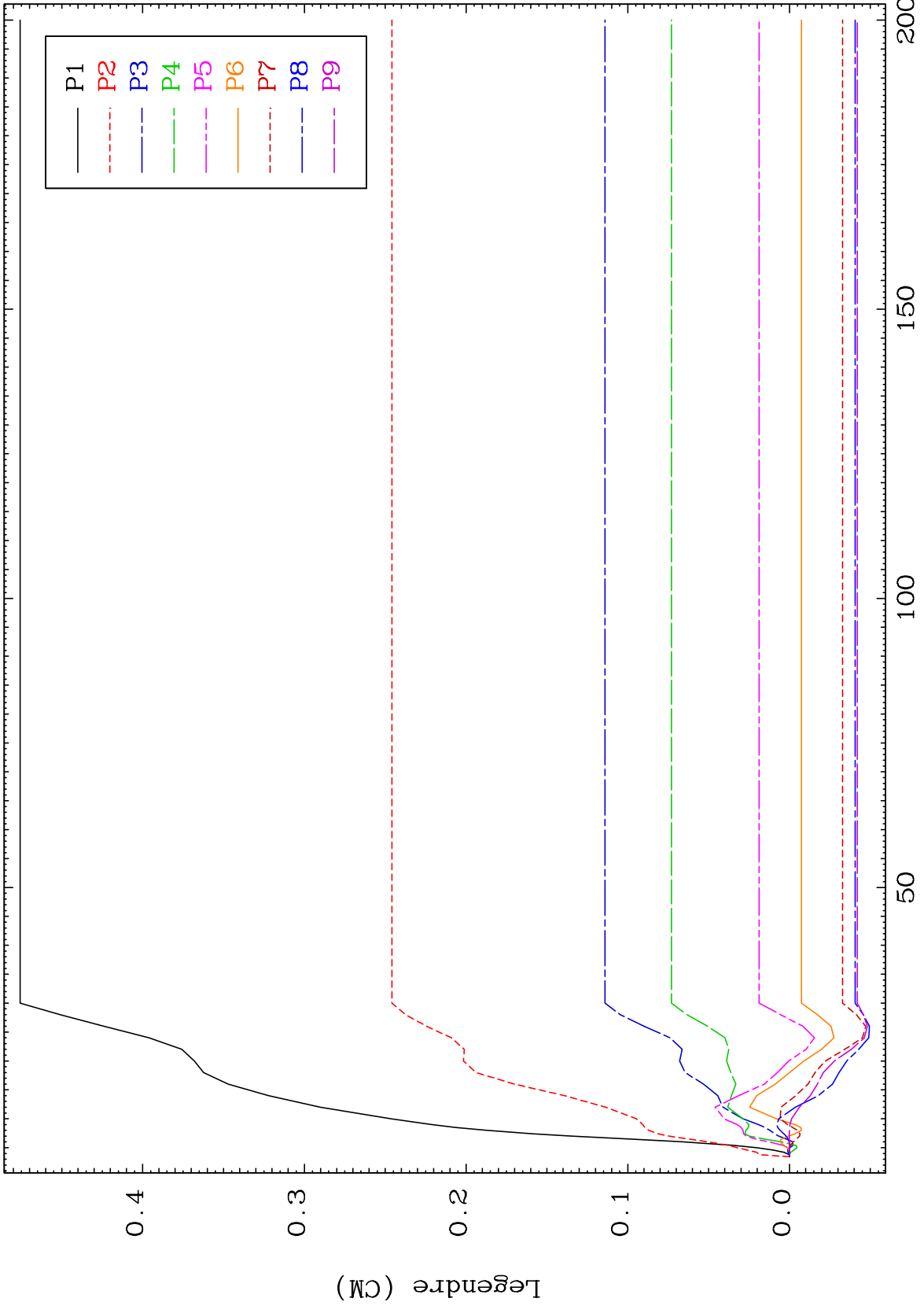
39-Y -95



MAT 3943

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

39-Y -95



112

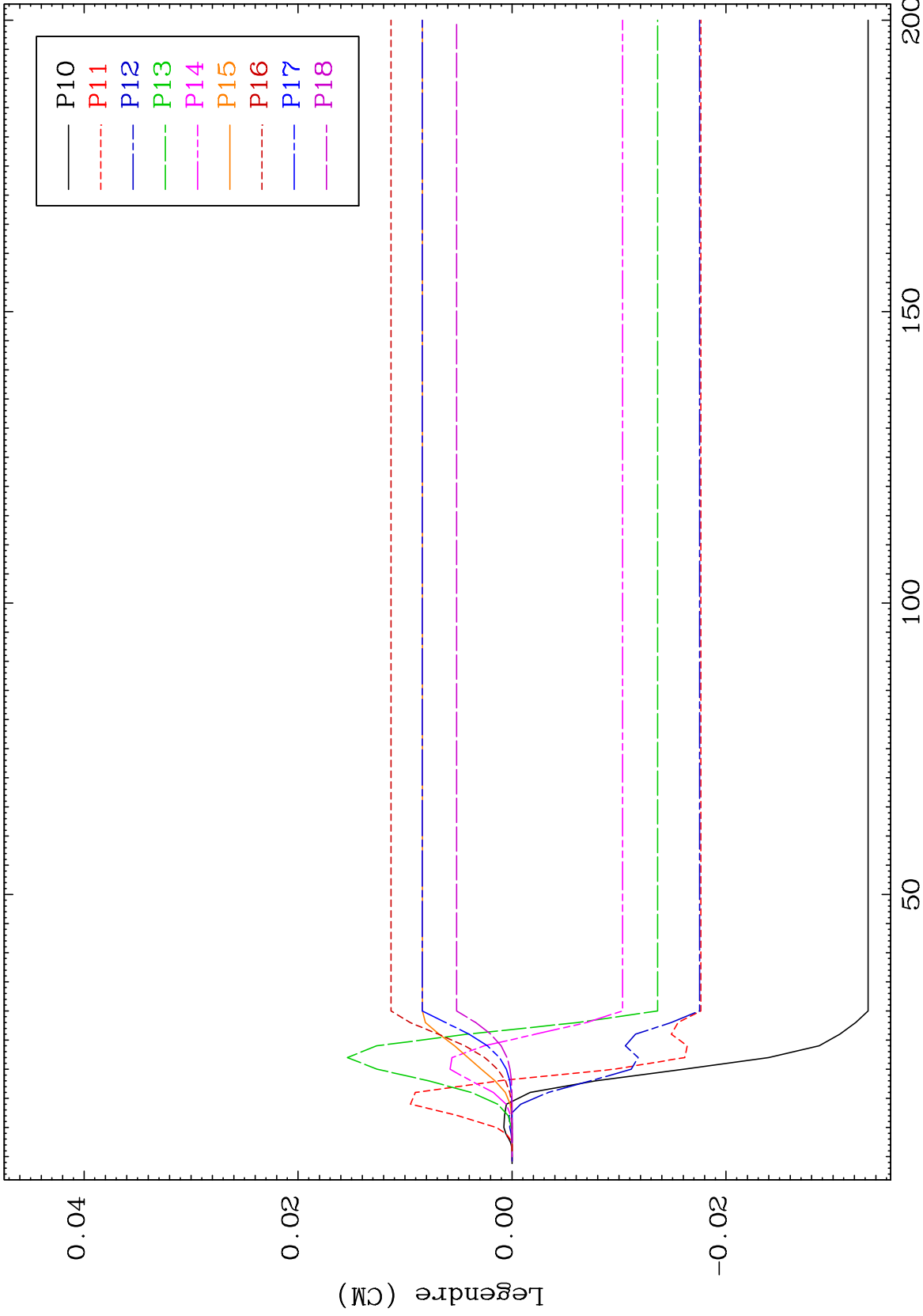
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



113

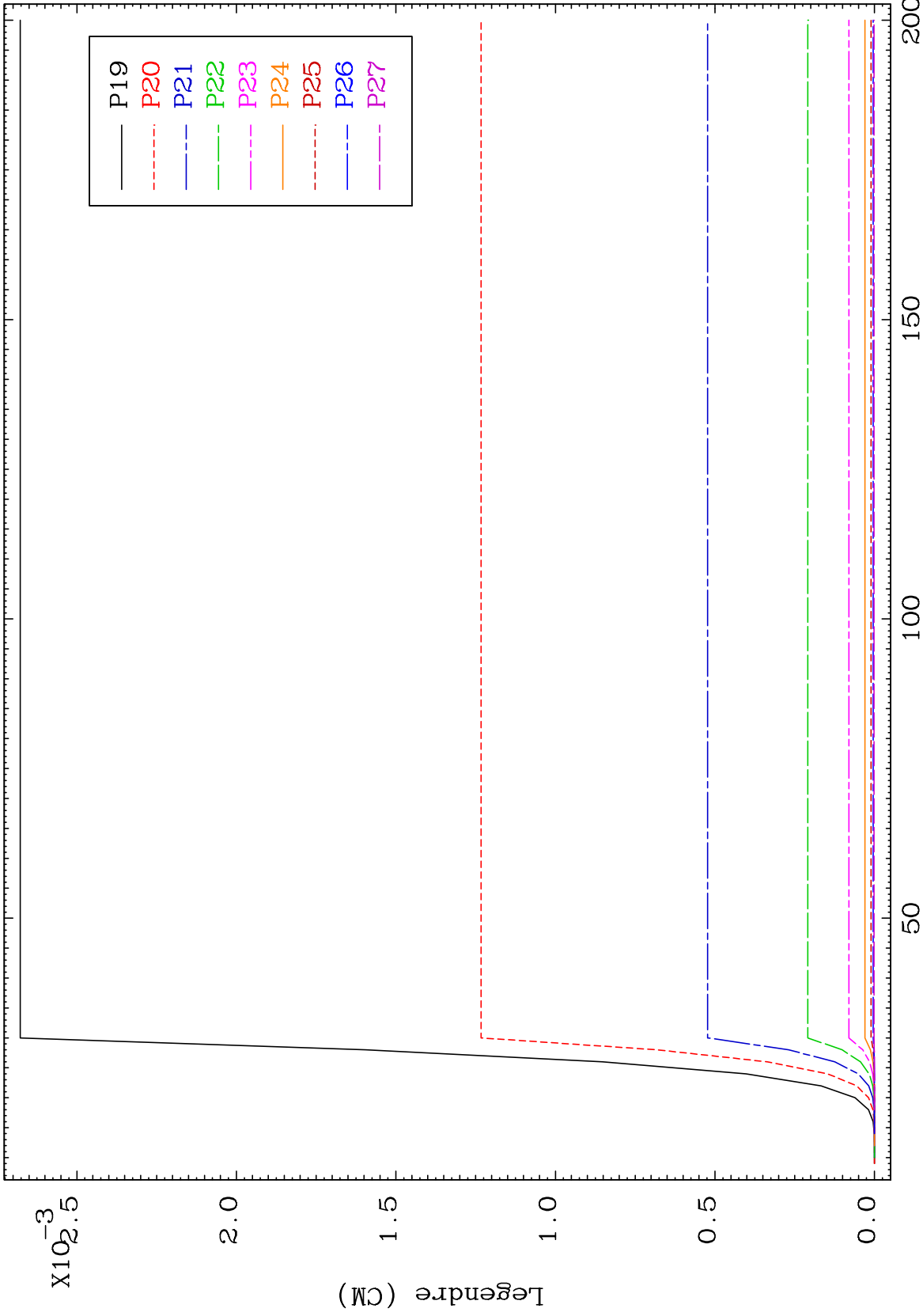
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



114

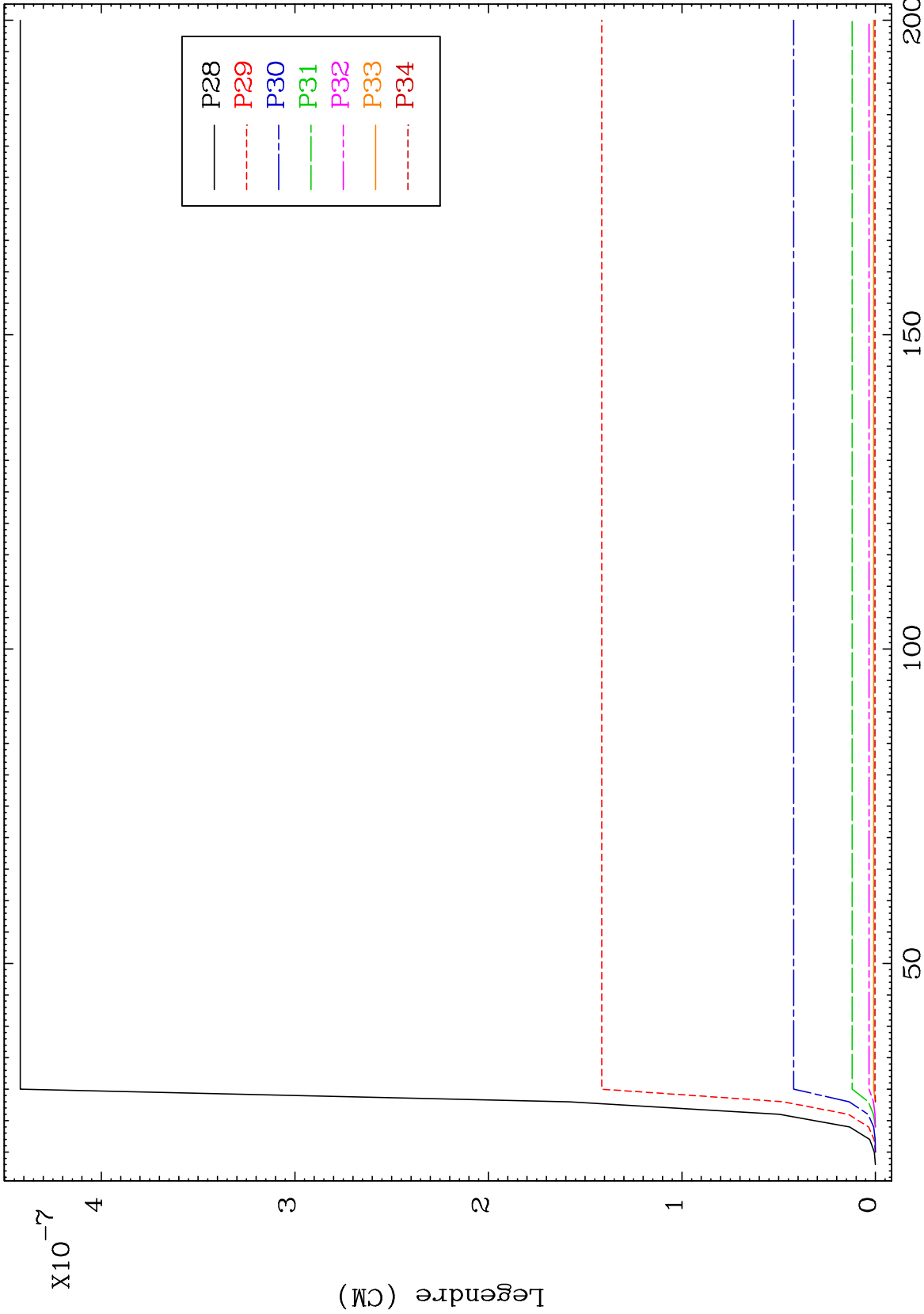
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



115

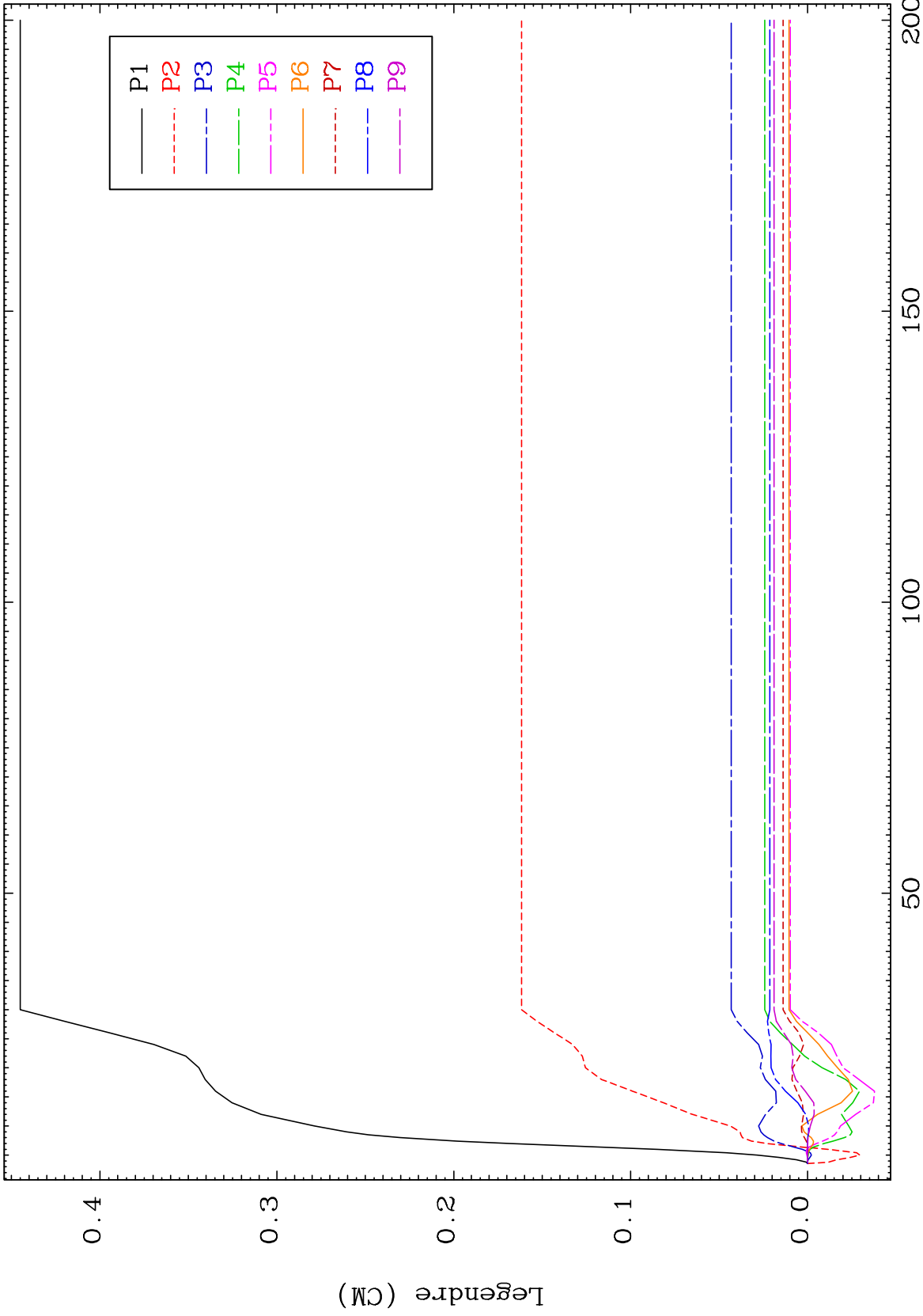
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



116

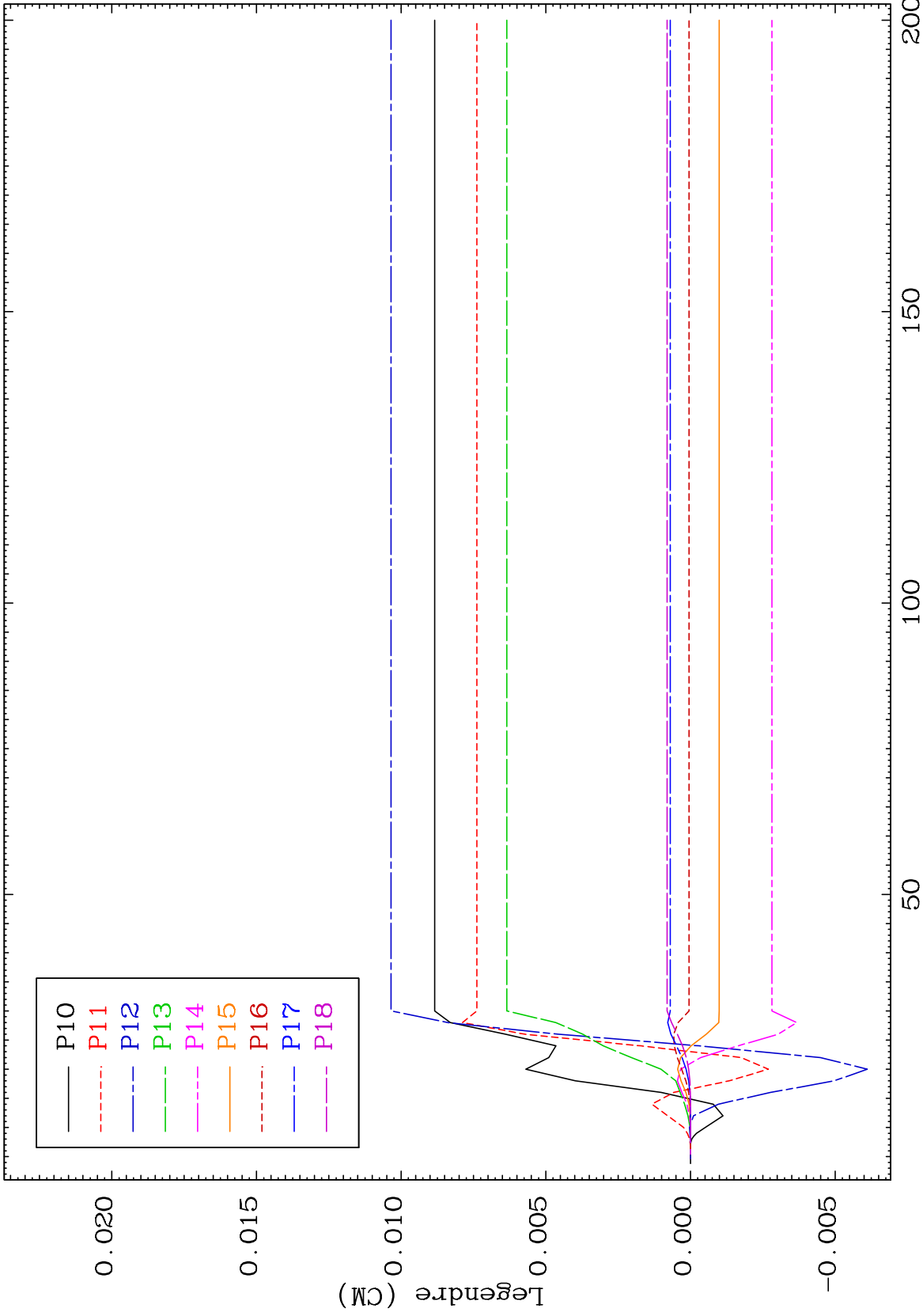
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



117

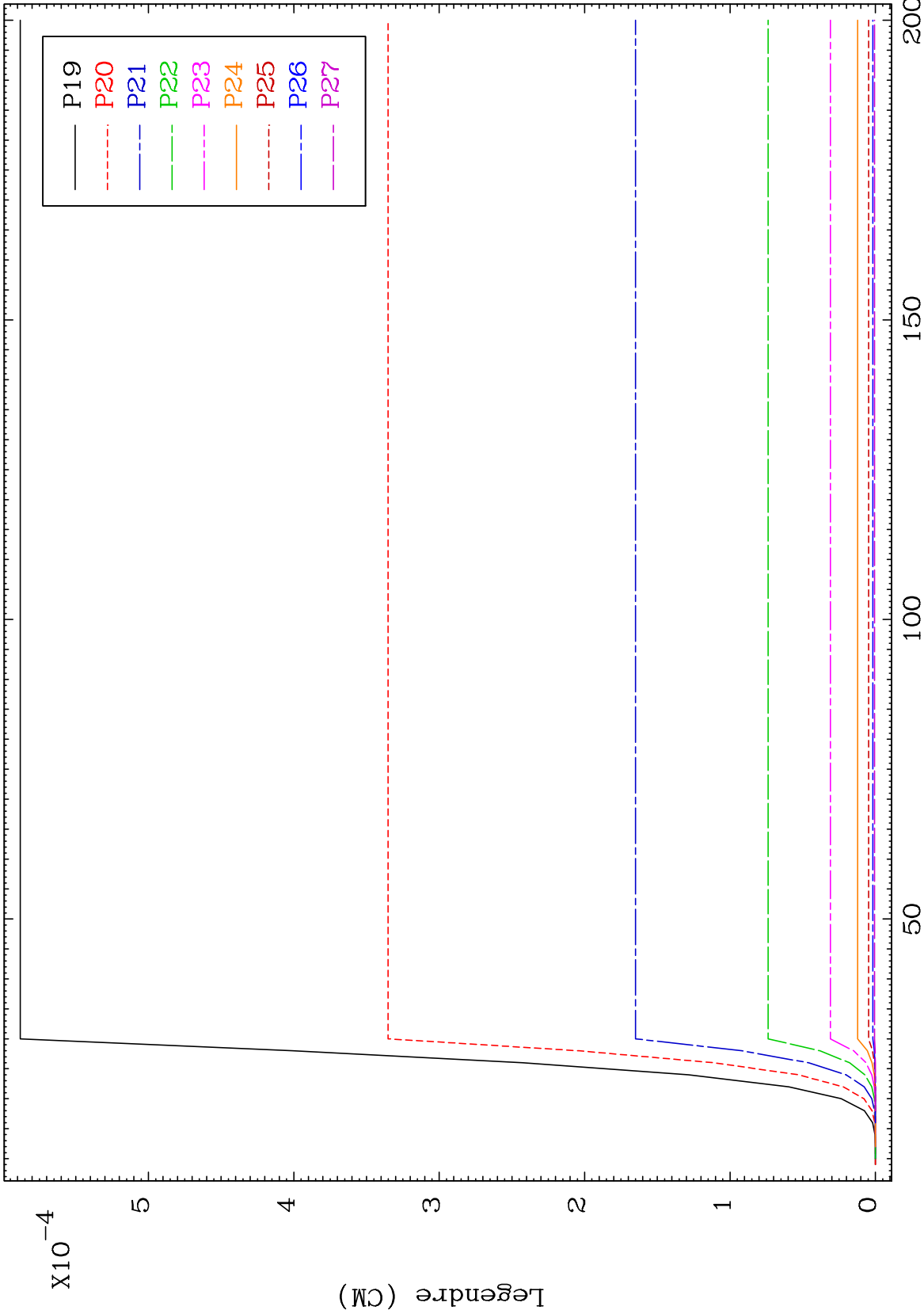
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



118

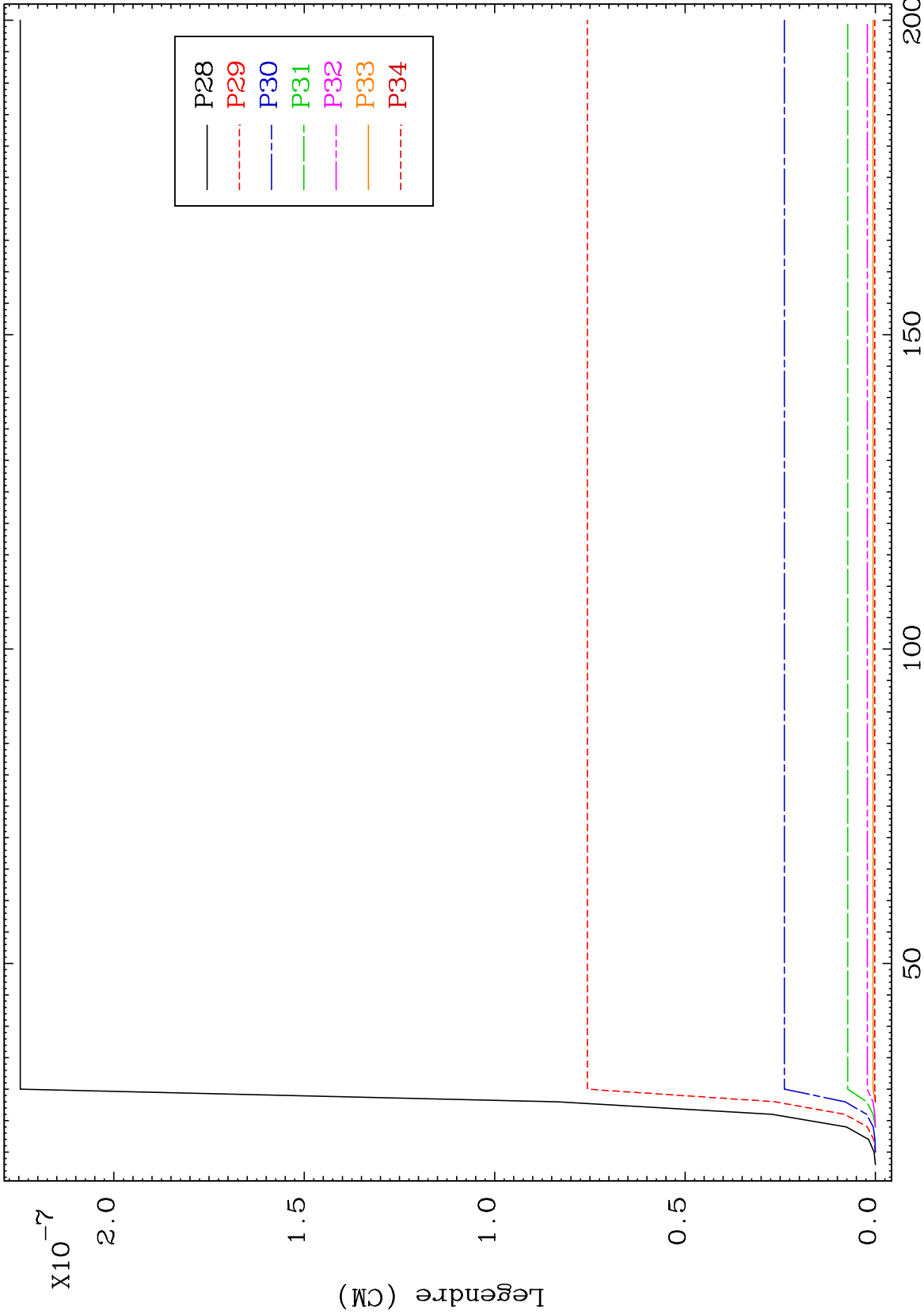
Incident Energy (MeV)

39-Y -95

MAT 3943

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

39-Y -95



119

Incident Energy (MeV)

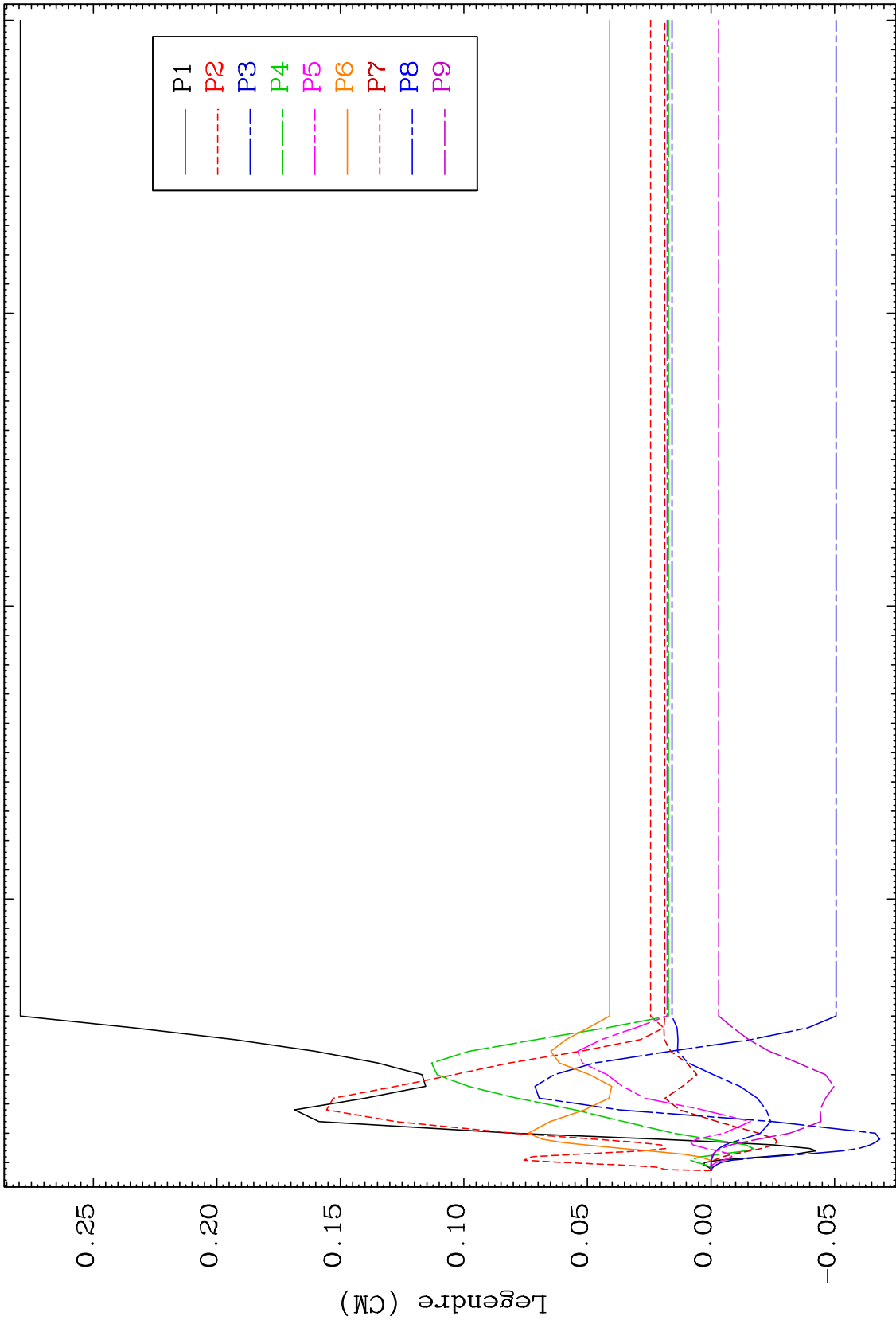
39-Y -95



MAT 3943

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

39-Y -95



120

Incident Energy (MeV)

150

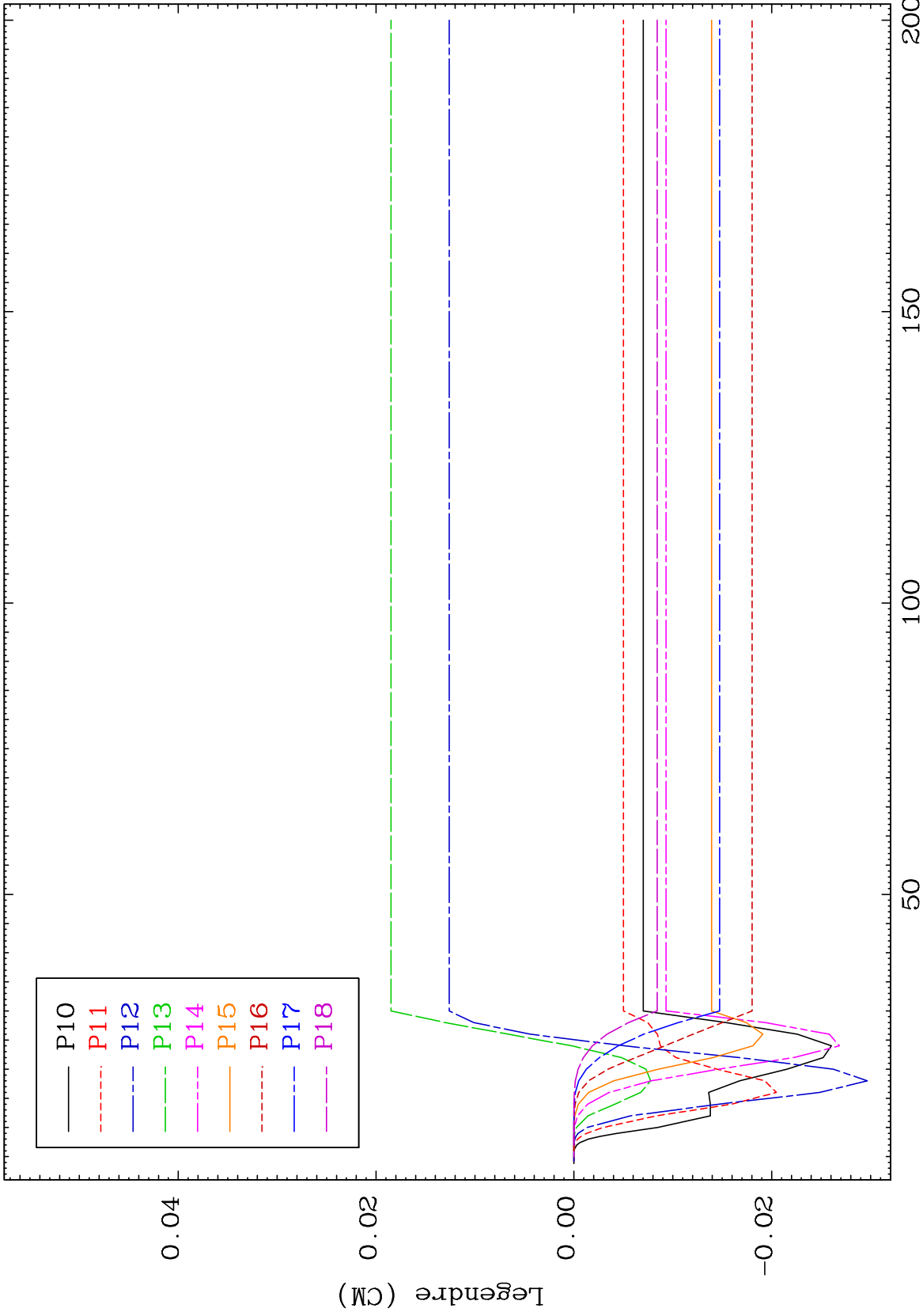
200

39-Y -95

MAT 3943

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

39-Y -95

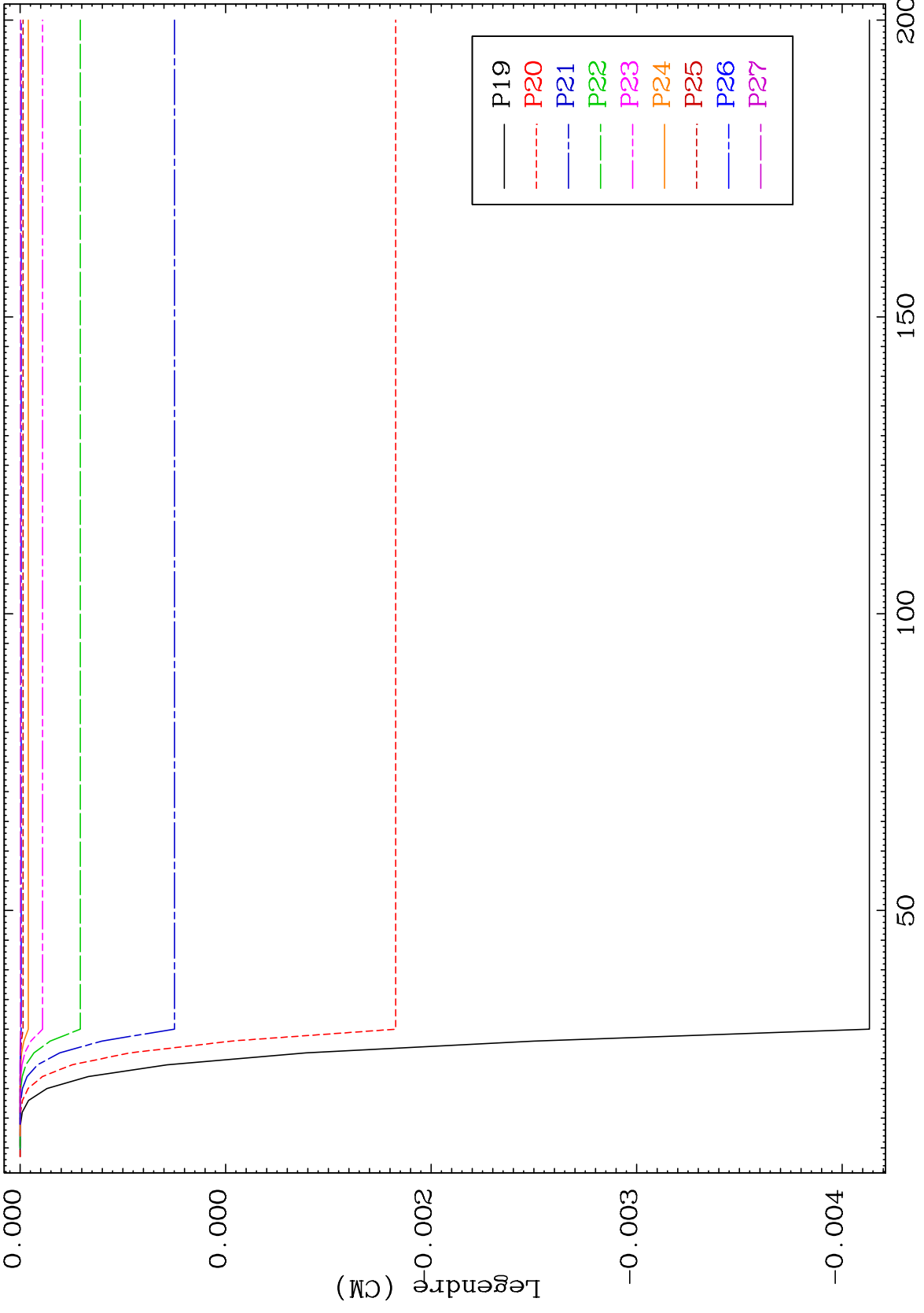


121

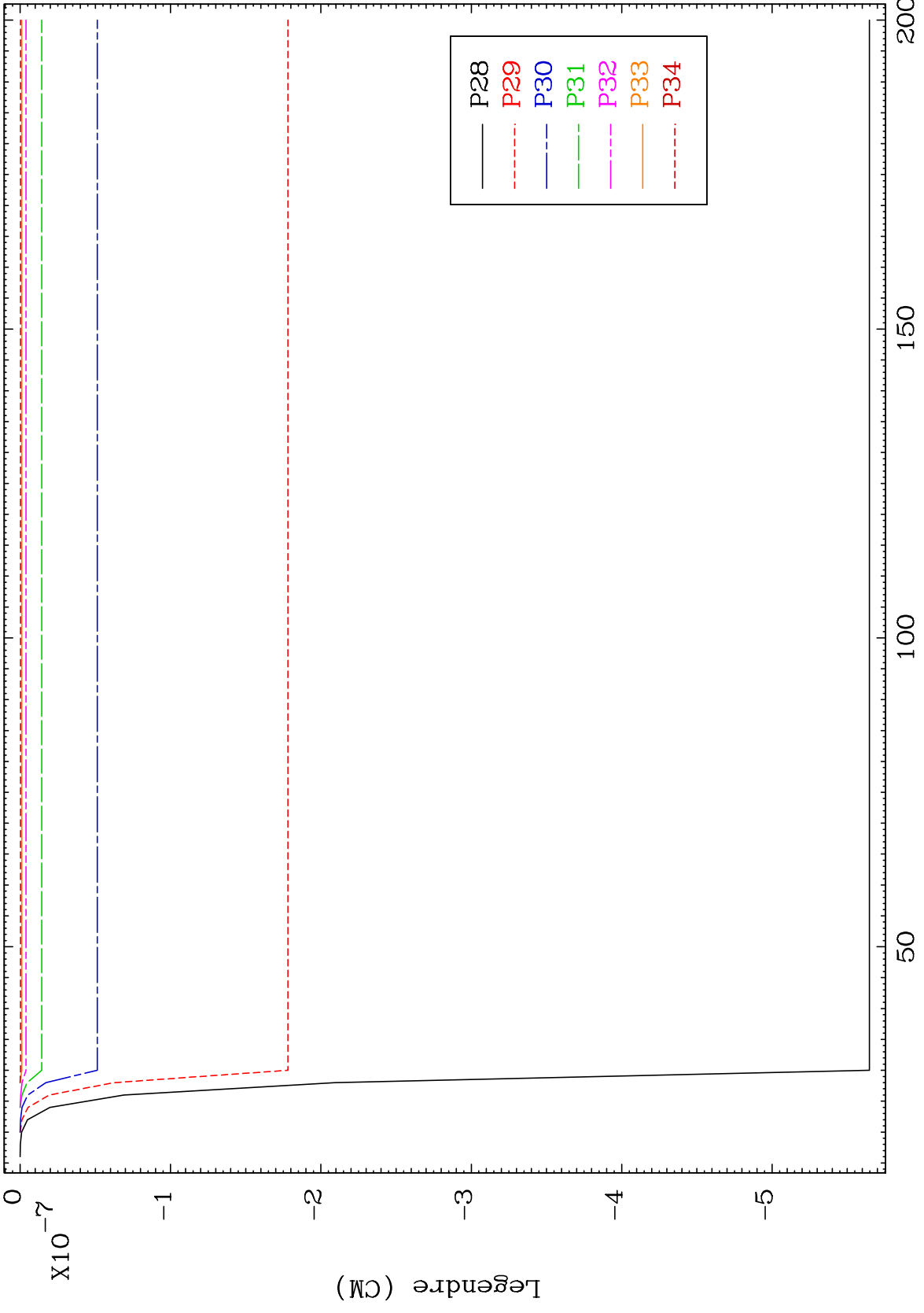
Incident Energy (MeV)

39-Y -95

MAT 3943 MT= 78 (n,n') Level Legendre Coefficients 39-Y -95



MAT 3943 MT= 78 (n,n') Level Legendre Coefficients 39-Y -95

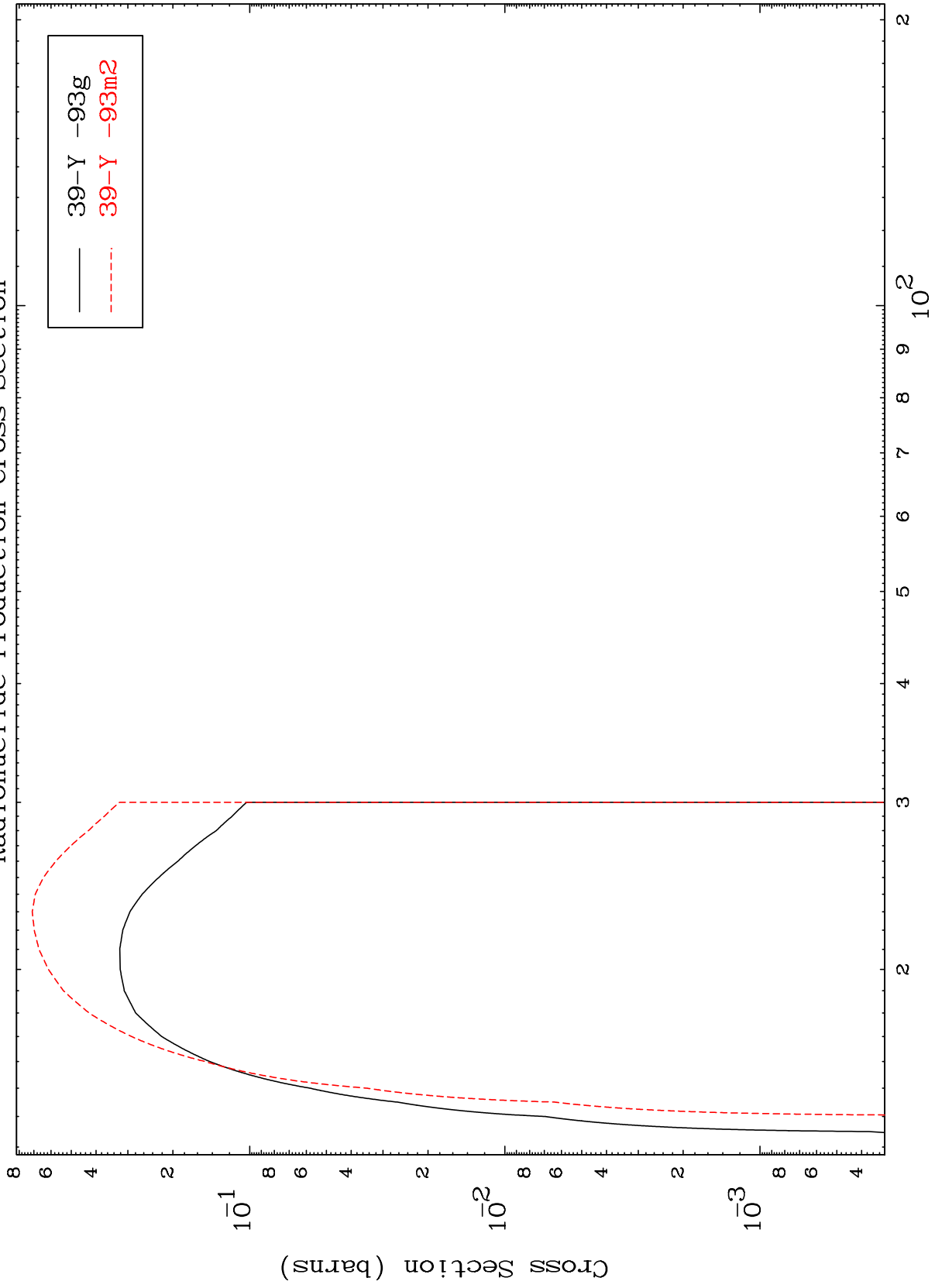


123 39-Y -95

MAT 3943

39-Y -95

(n,3n)  
Radionuclide Production Cross Section



124

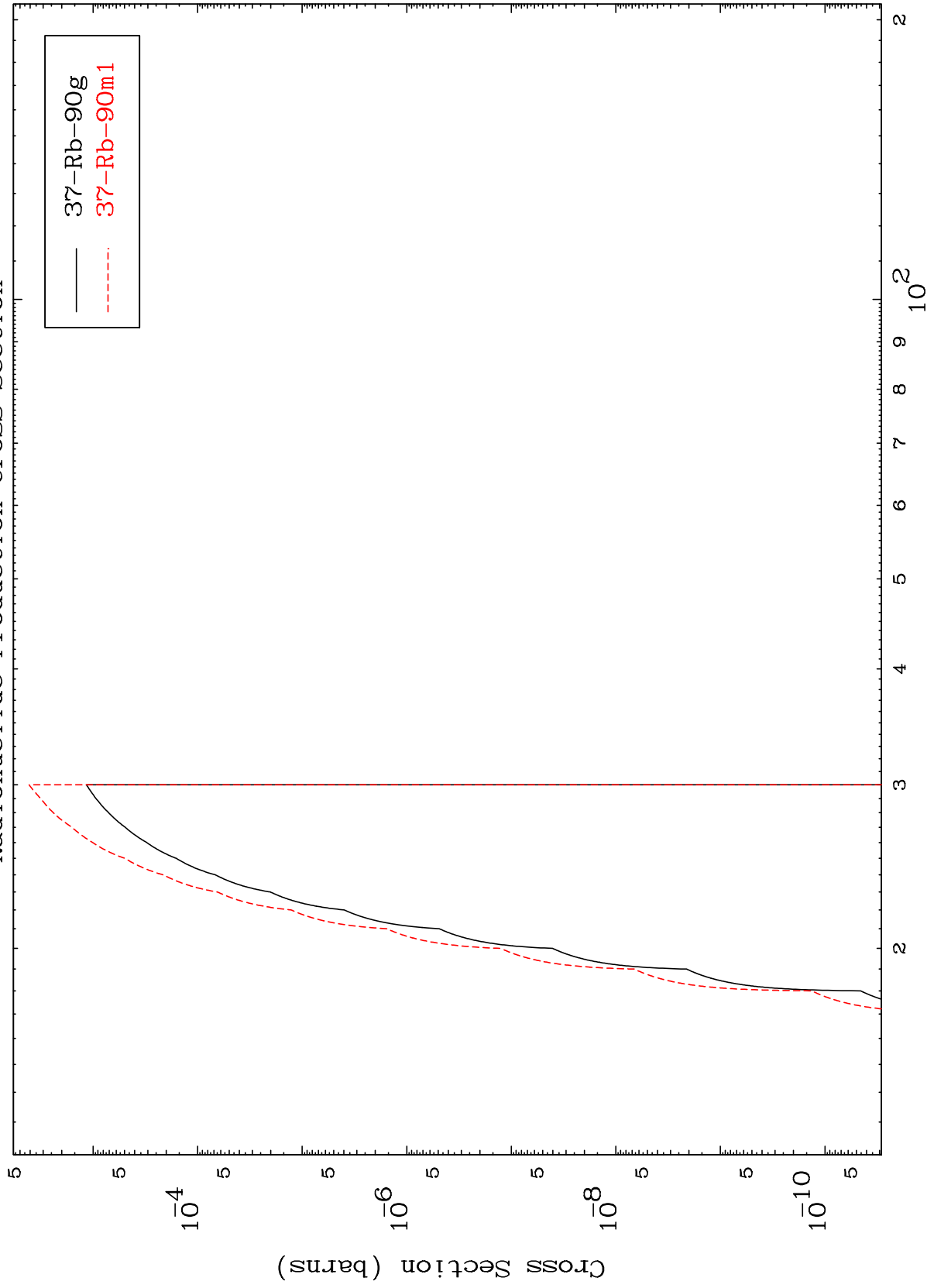
39-Y -95

MAT 3943

(n,2n)  $\alpha$

39-Y -95

Radionuclide Production Cross Section



125

Incident Energy (MeV)

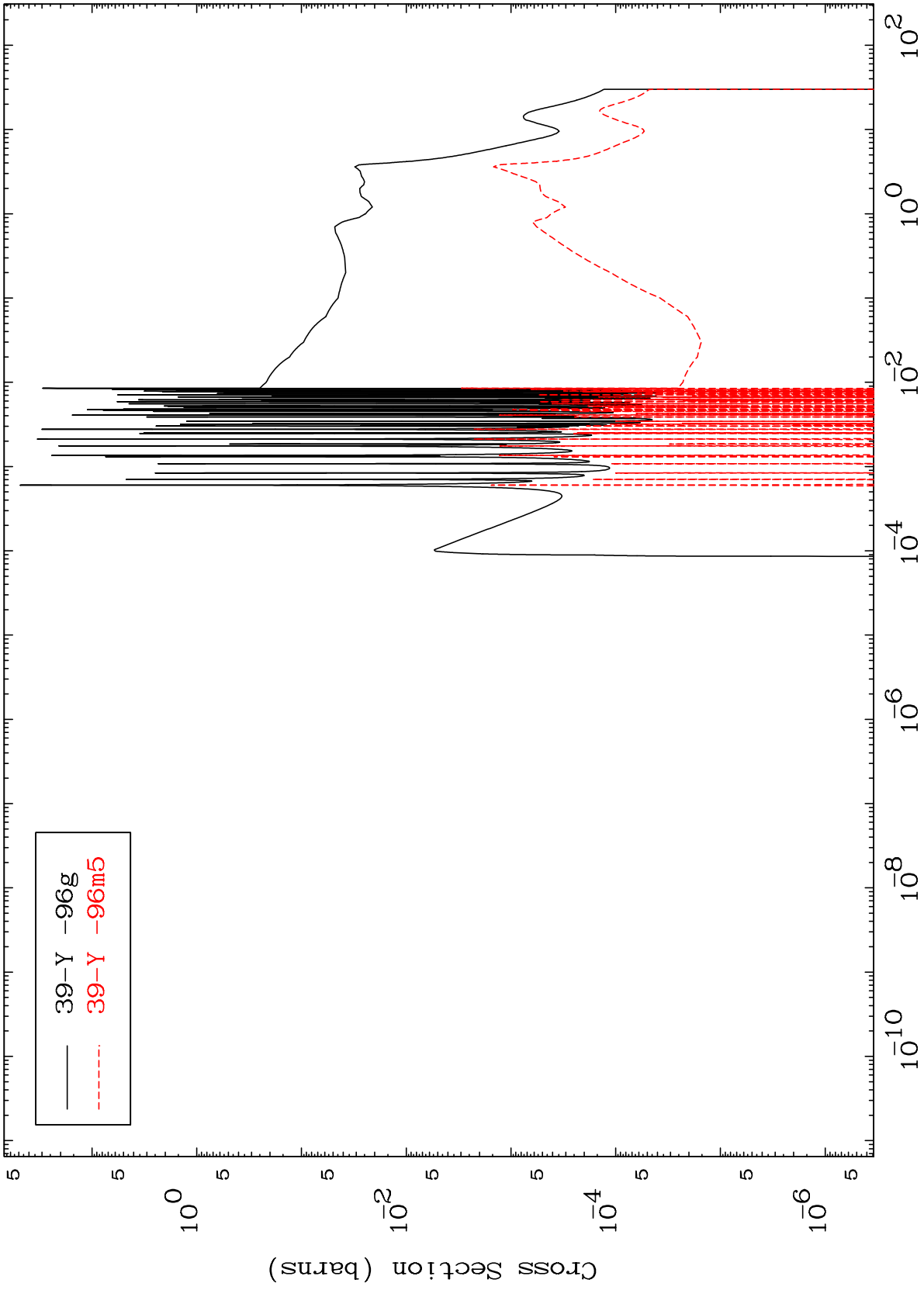
39-Y -95

MAT 3943

(n,γ)

39-Y -95

Radionuclide Production Cross Section



126

39-Y -95