

Program EVALPLOT
(Version 2018-1)

by

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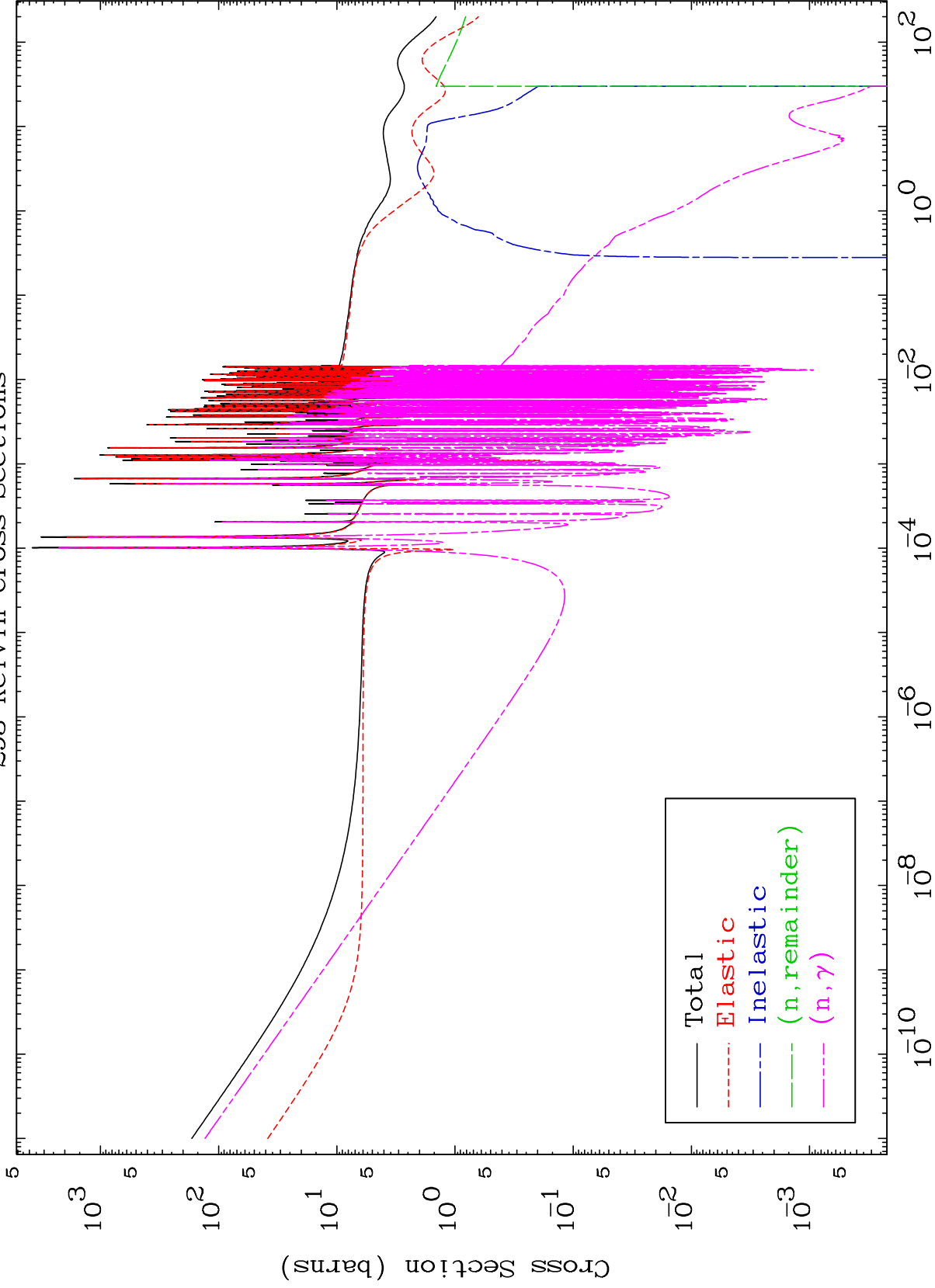
Press Mouse Button to Start

MAT 3531

Major

293 Kelvin Cross Sections

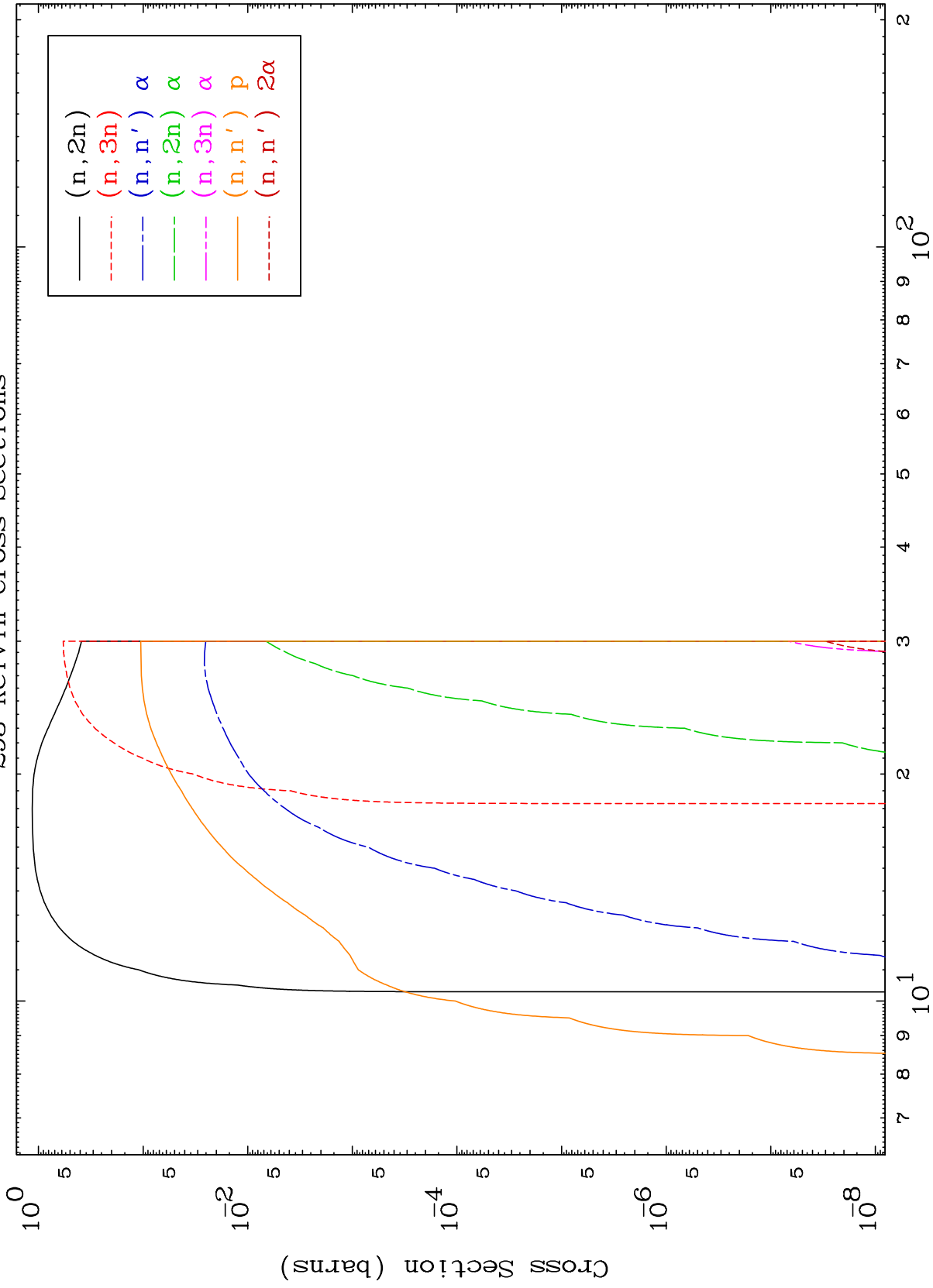
35-Br-81



MAT 3531

Neutron Production
293 Kelvin Cross Sections

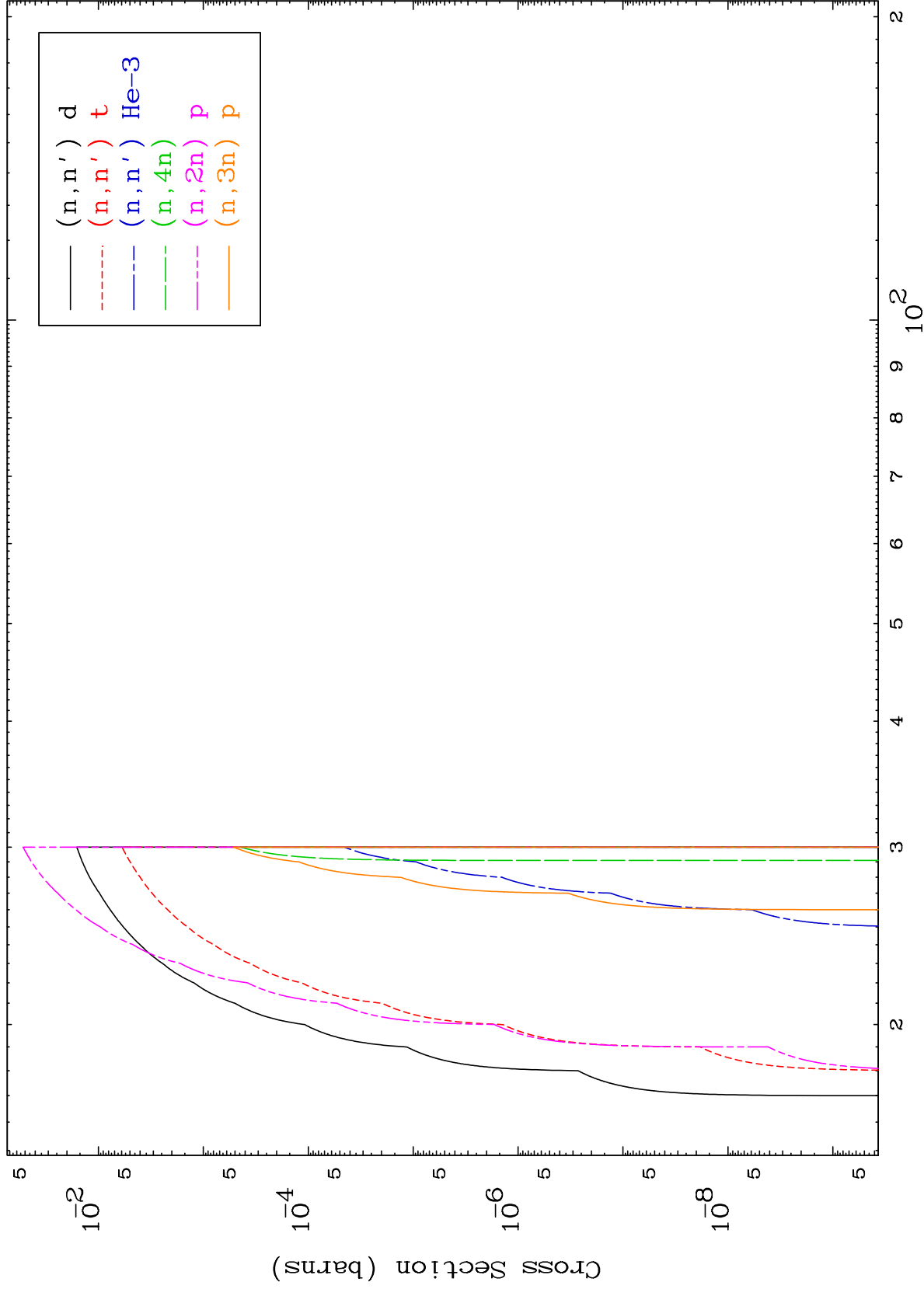
35-Br-81



2

Incident Energy (MeV)

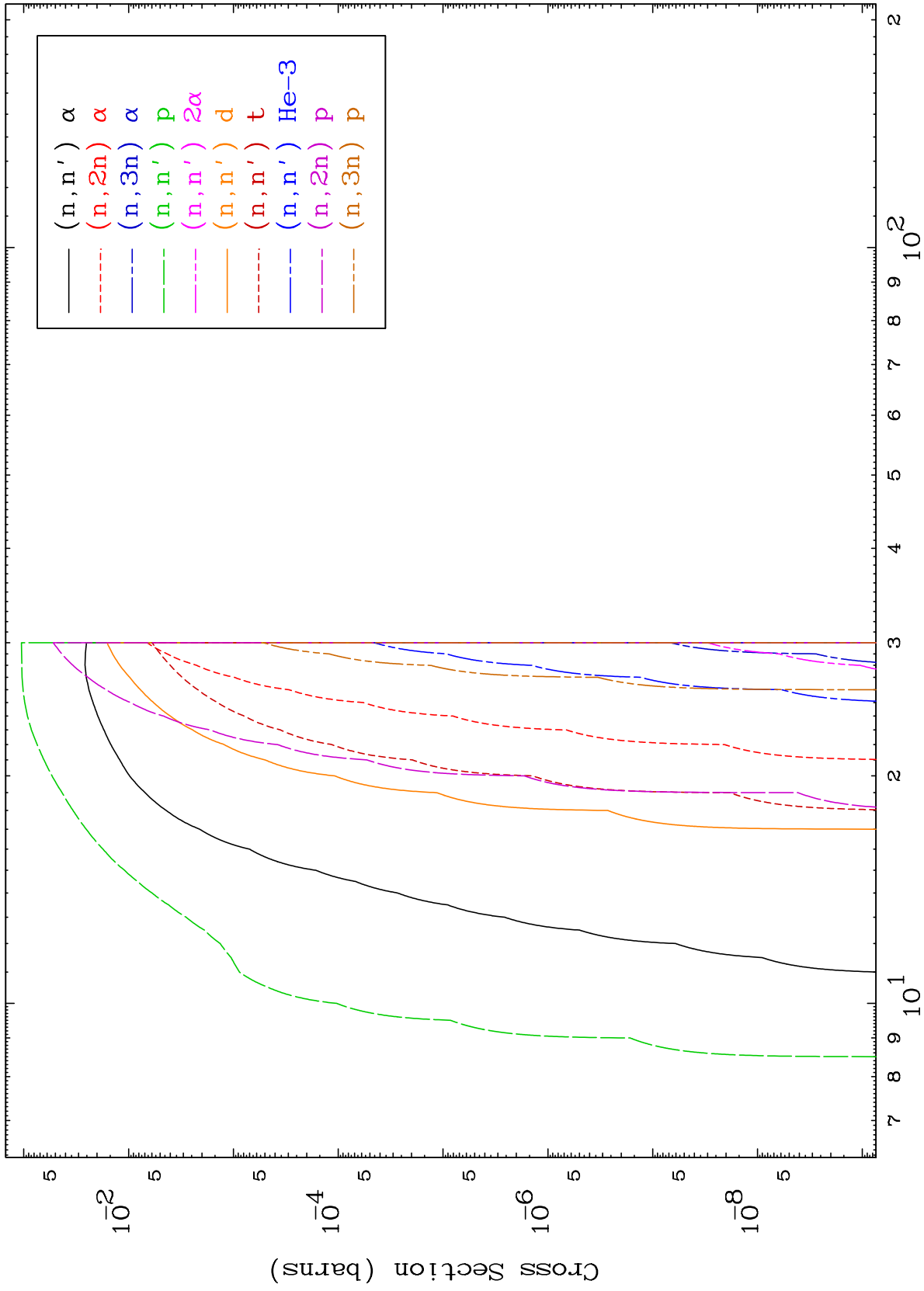
35-Br-81



MAT 3531

Charged Particle
293 Kelvin Cross Sections

35-Br-81



4

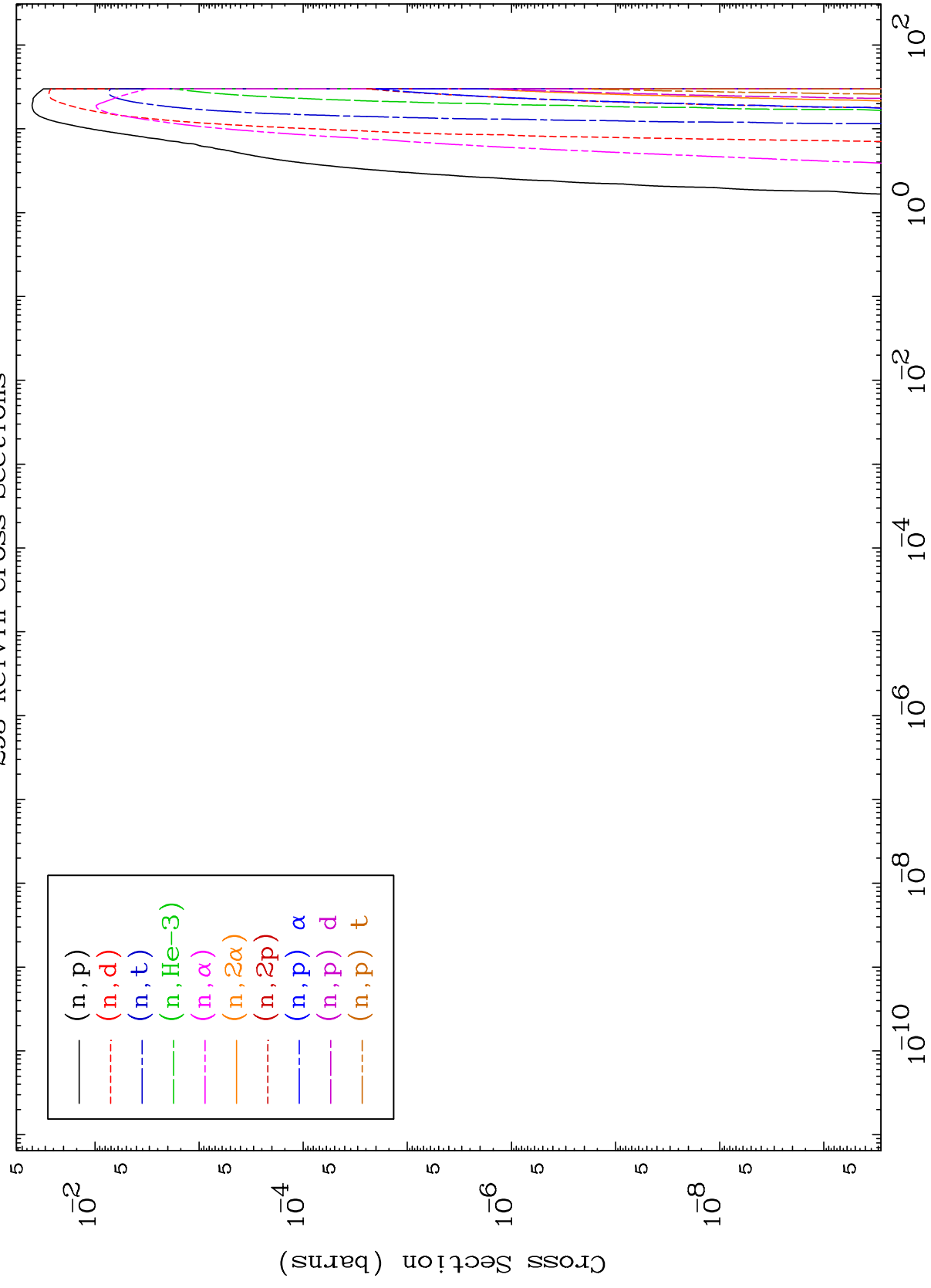
Incident Energy (MeV)

35-Br-81

MAT 3531

Charged Particle
293 Kelvin Cross Sections

35-Br-81



5

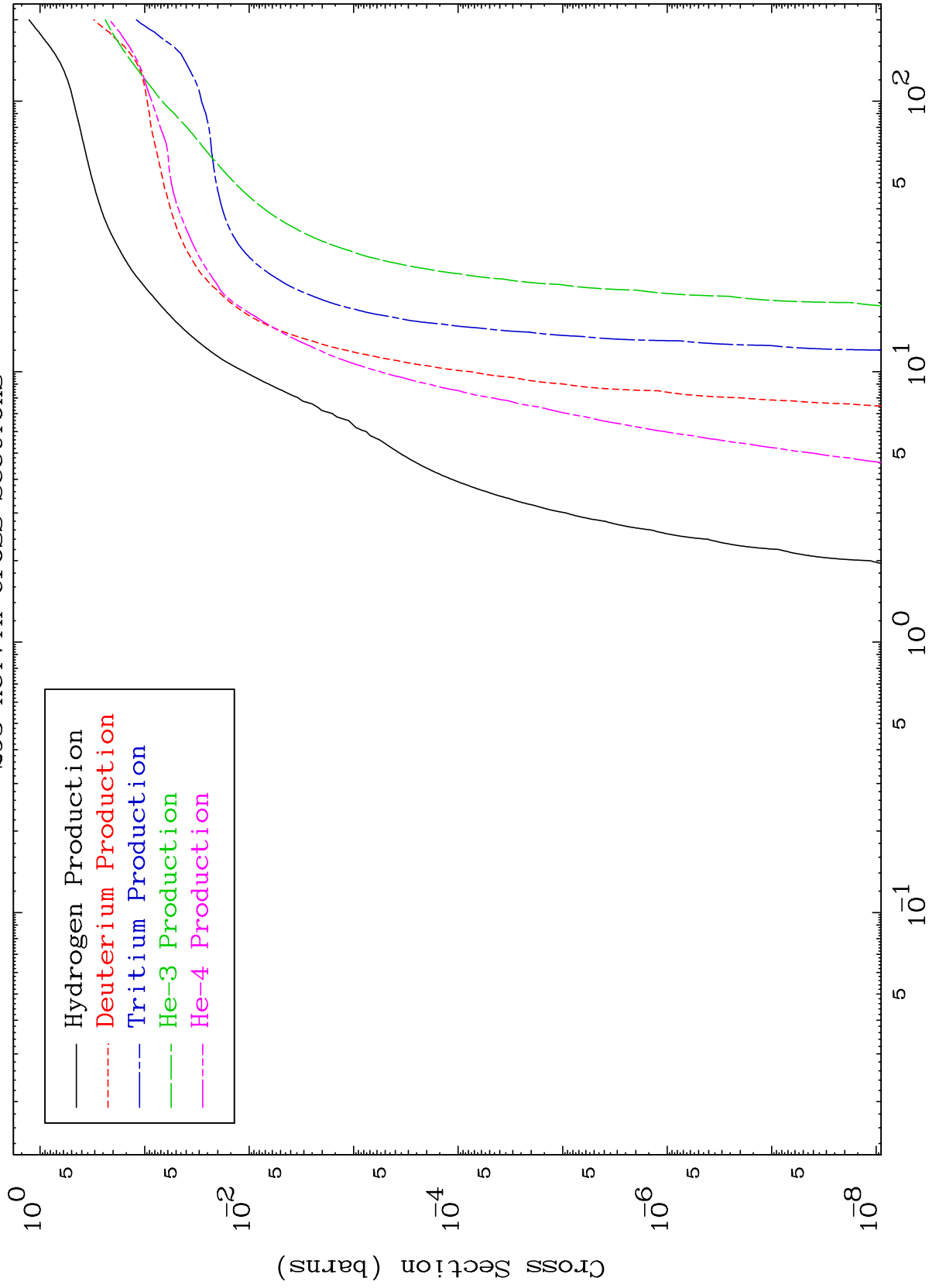
Incident Energy (MeV)

35-Br-81

MAT 3531

Particle Production
293 Kelvin Cross Sections

35-Br-81

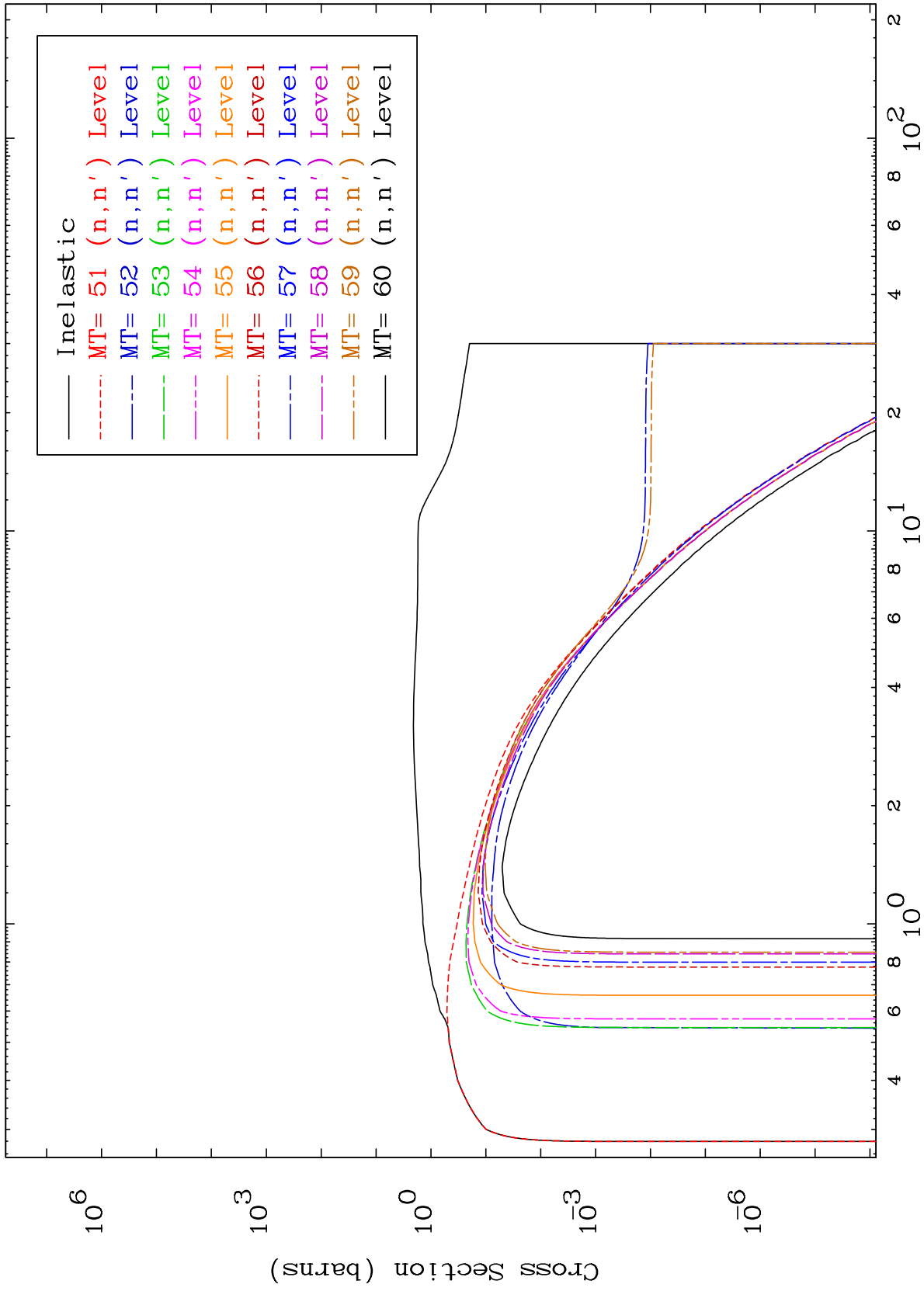


6

Incident Energy (MeV)

35-Br-81

293 Kelvin Cross Sections

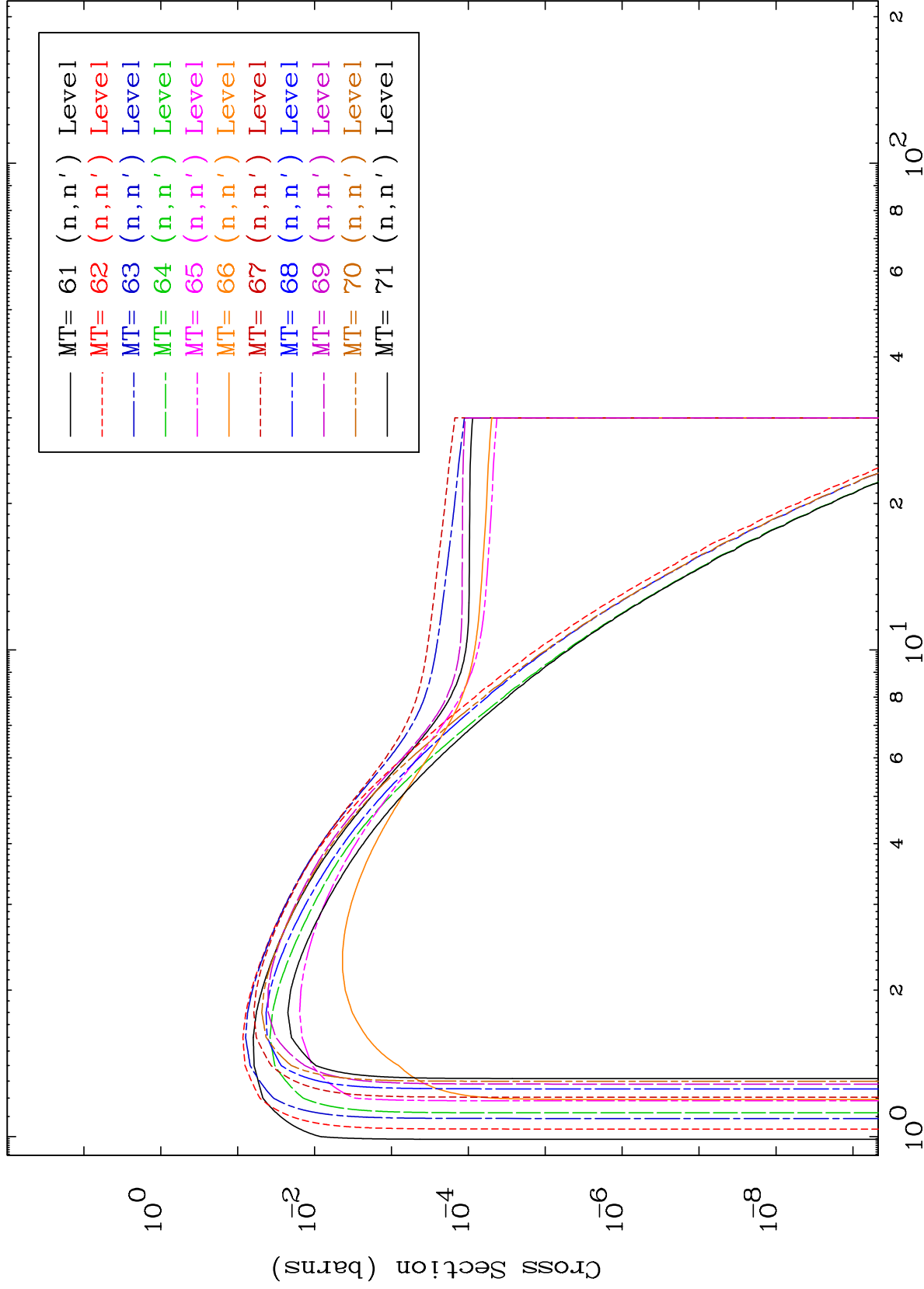


MAT 3531

(n,n') Level

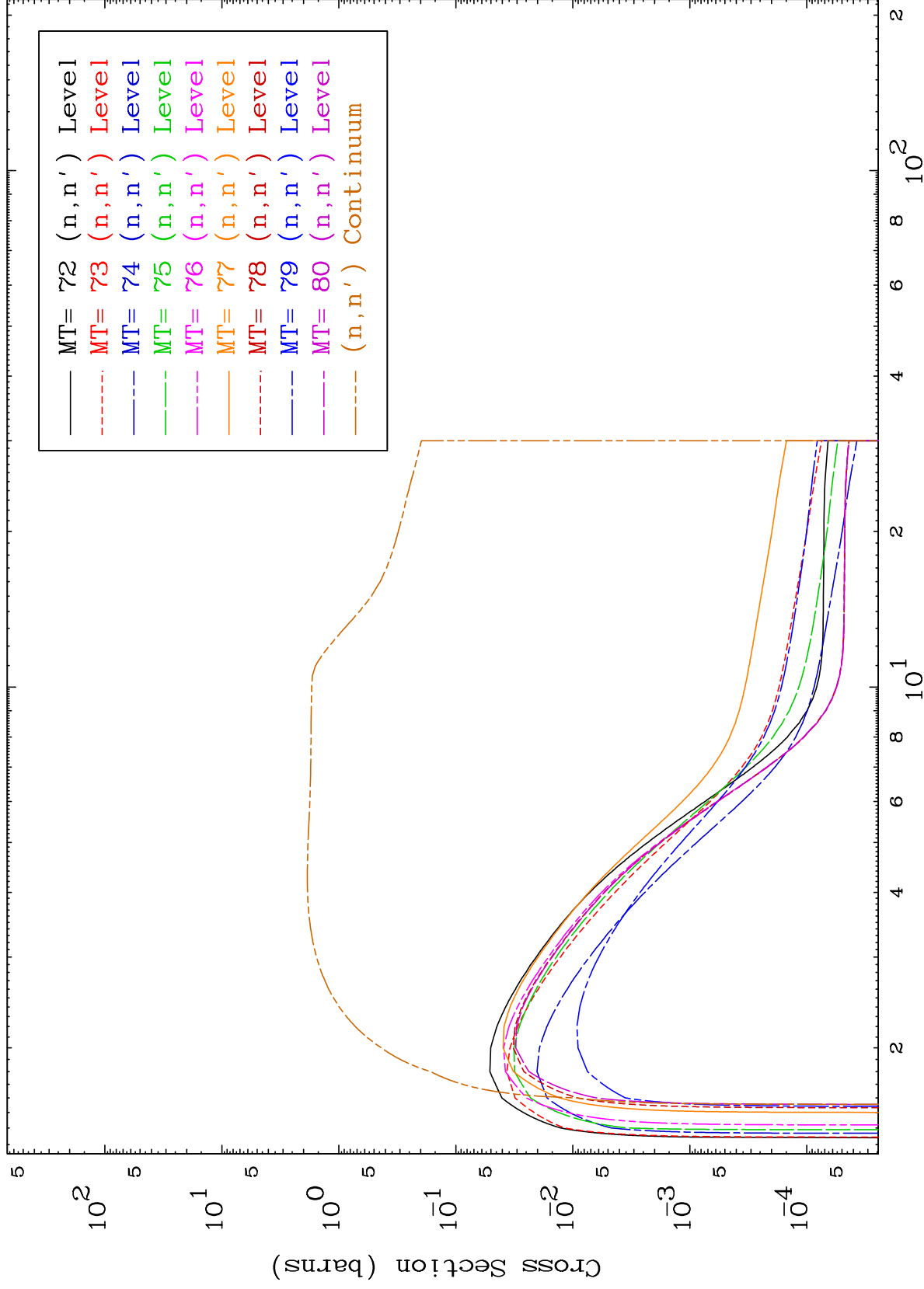
35-Br-81

293 Kelvin Cross Sections



Incident Energy (MeV)

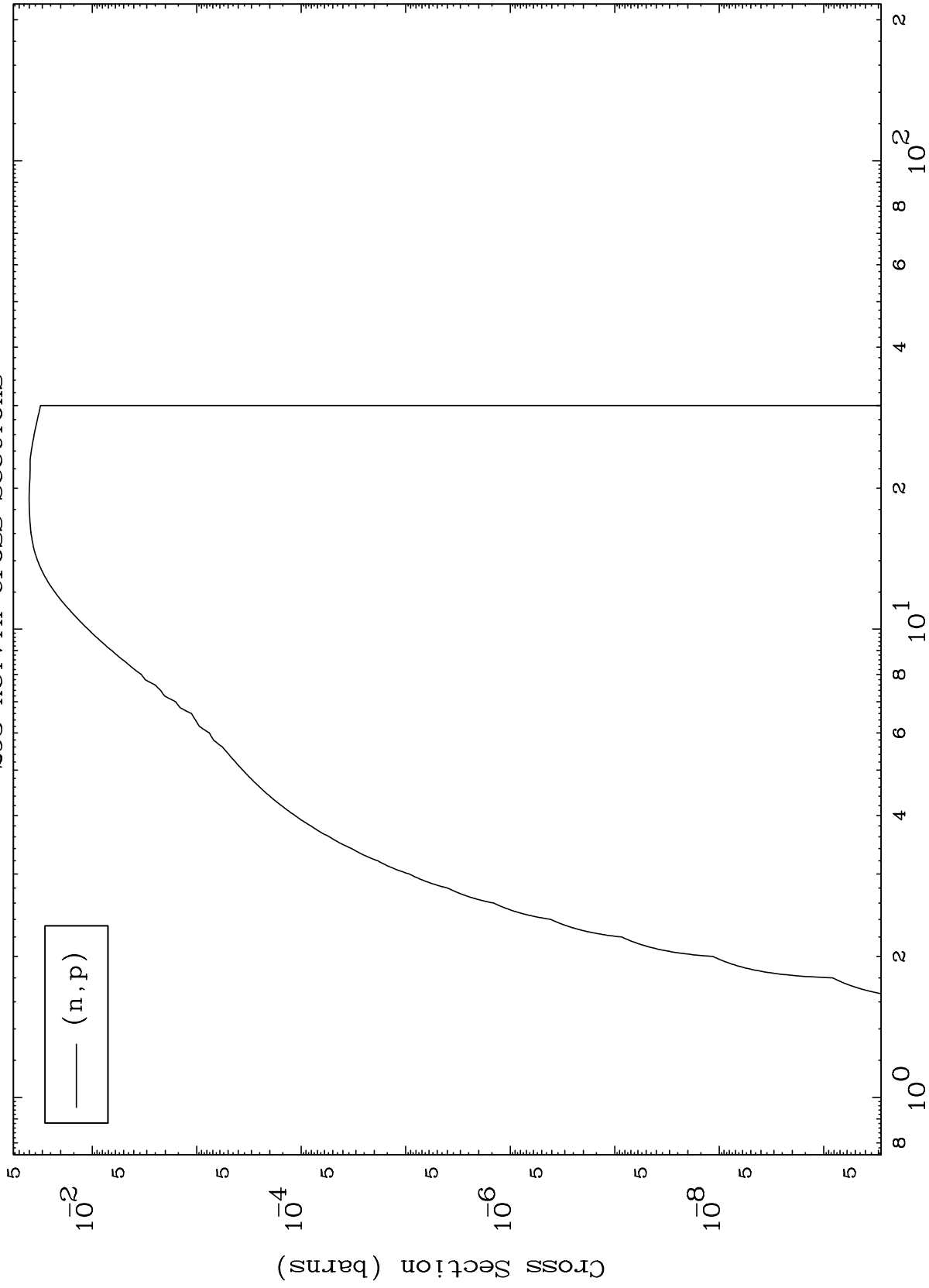
35-Br-81



MAT 3531

(n,p) Levels
293 Kelvin Cross Sections

35-Br-81



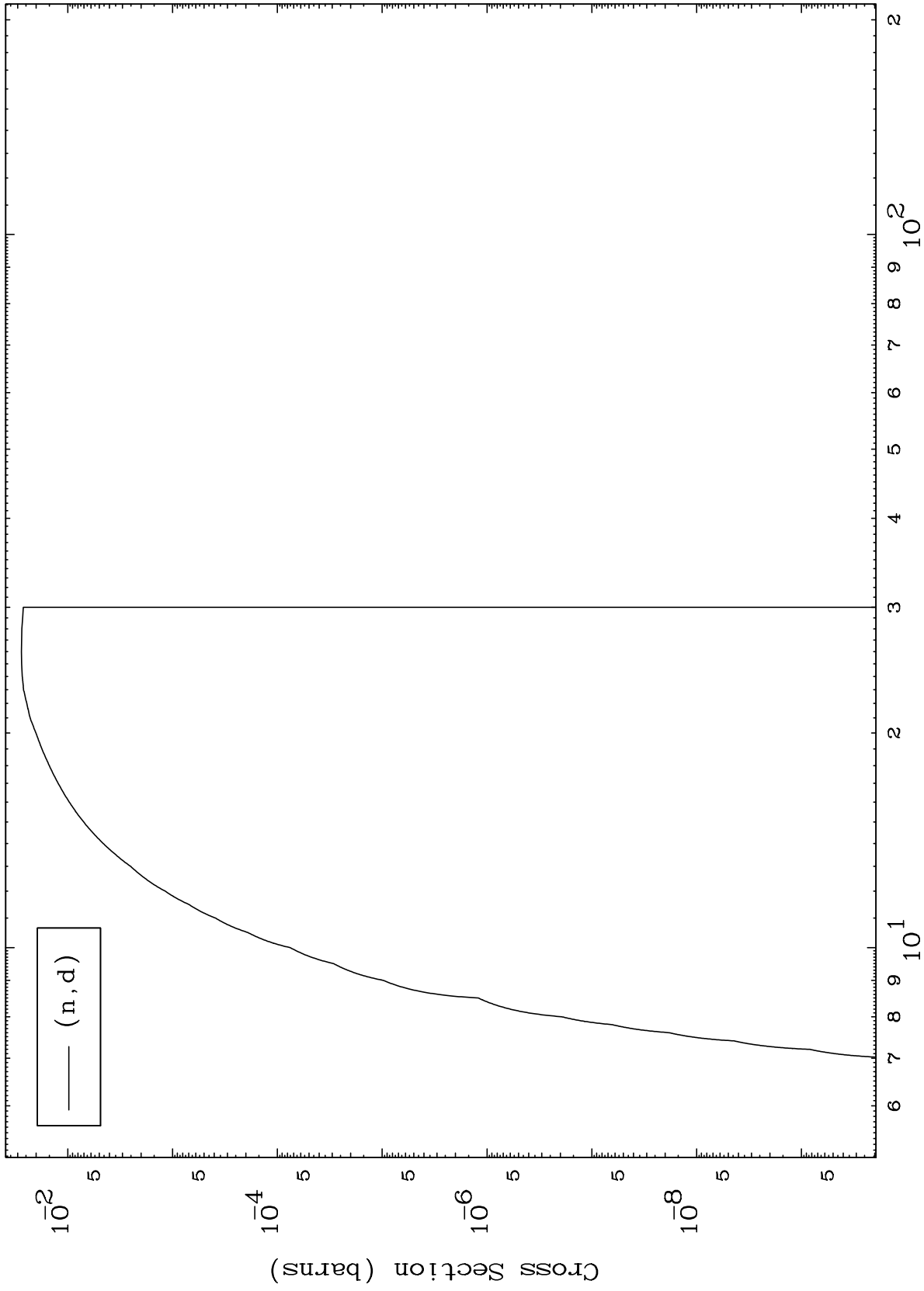
35-Br-81

35-Br-81

MAT 3531

35-Br-81

(n,d) Levels
293 Kelvin Cross Sections



11

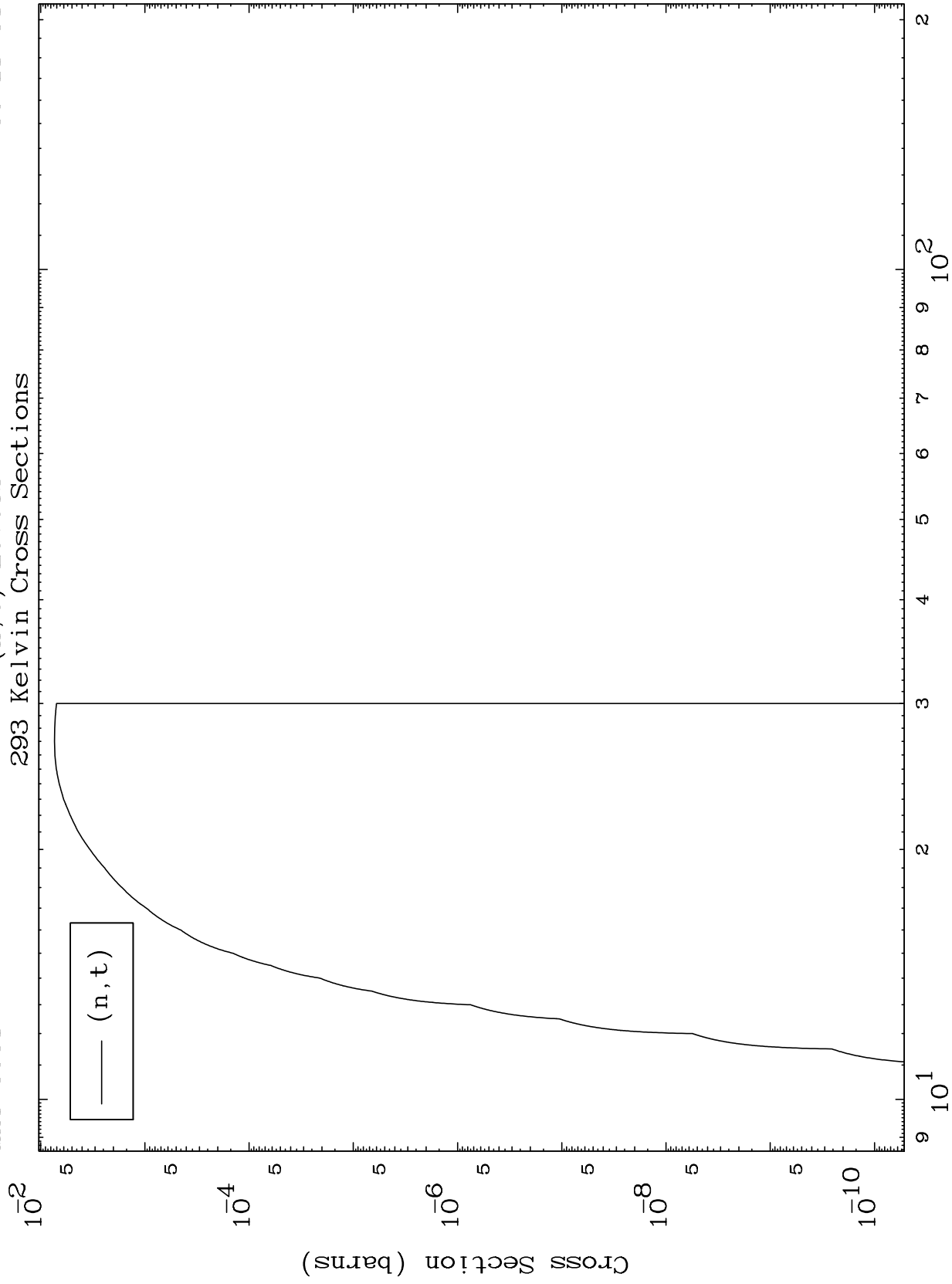
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35-Br-81

MAT 3531

35-Br-81

(n,t) Levels
293 Kelvin Cross Sections



(n,t)

12

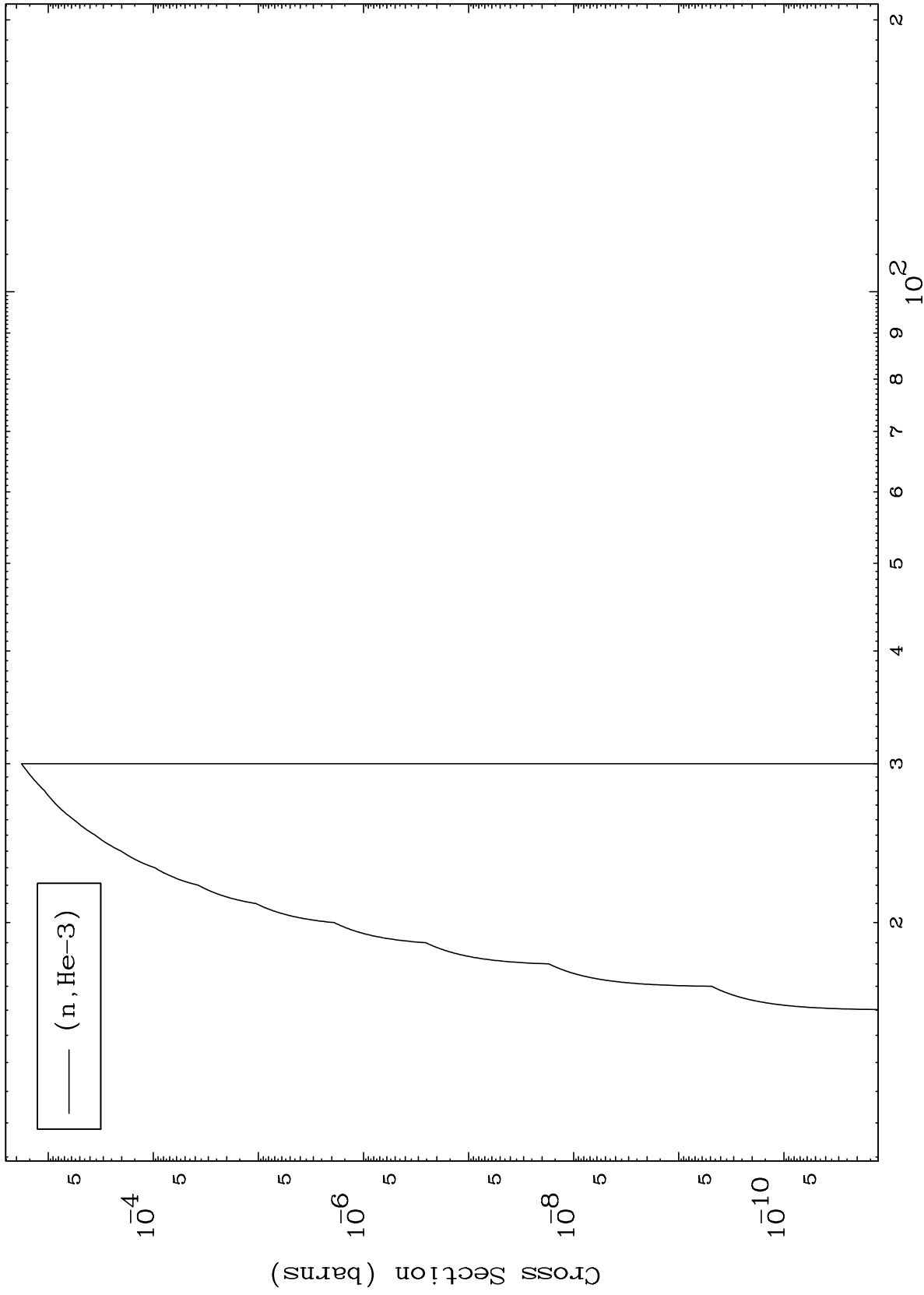
Incident Energy (MeV)

35-Br-81

MAT 3531

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-81



13

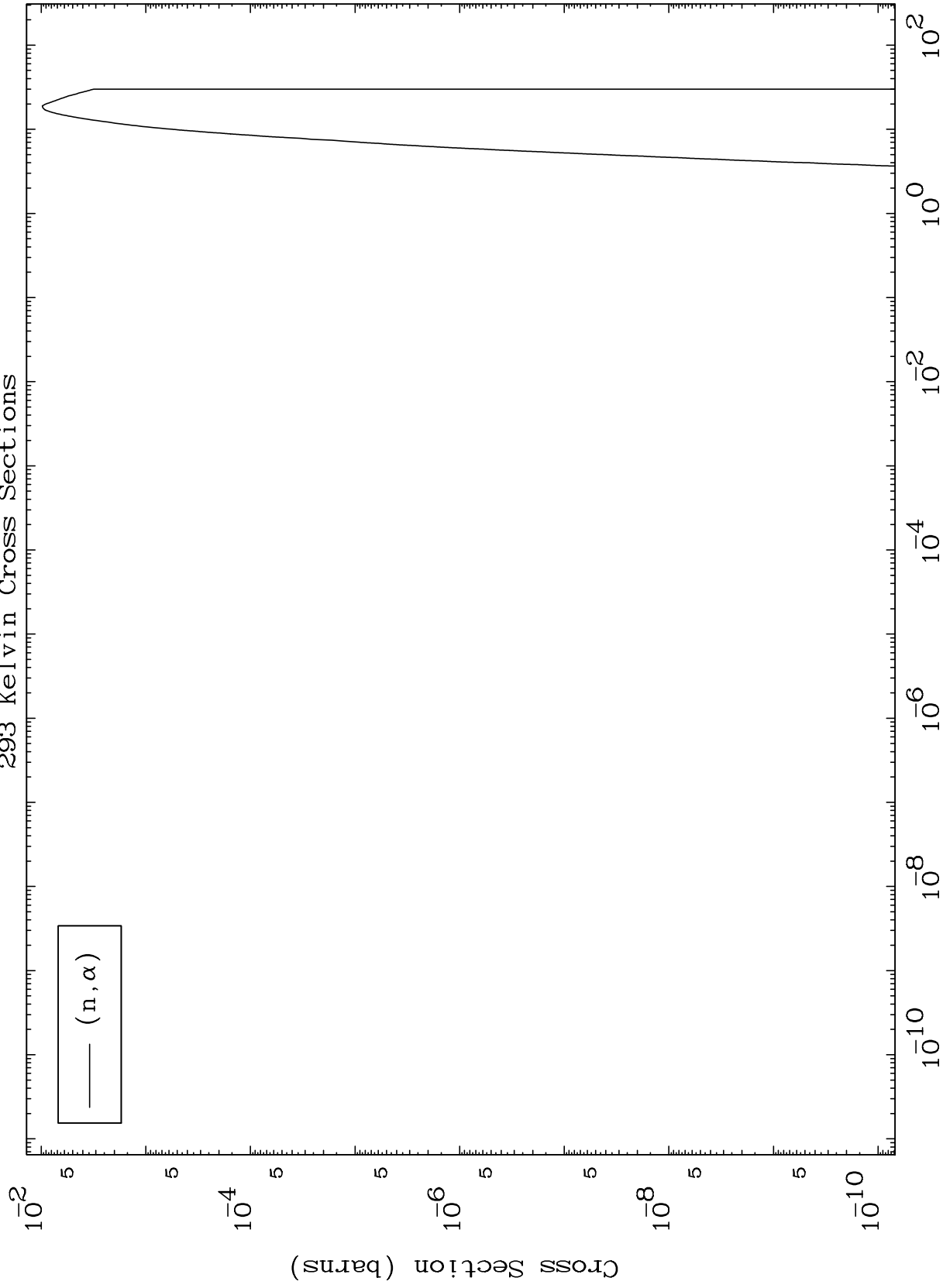
Incident Energy (MeV)

35-Br-81

MAT 3531

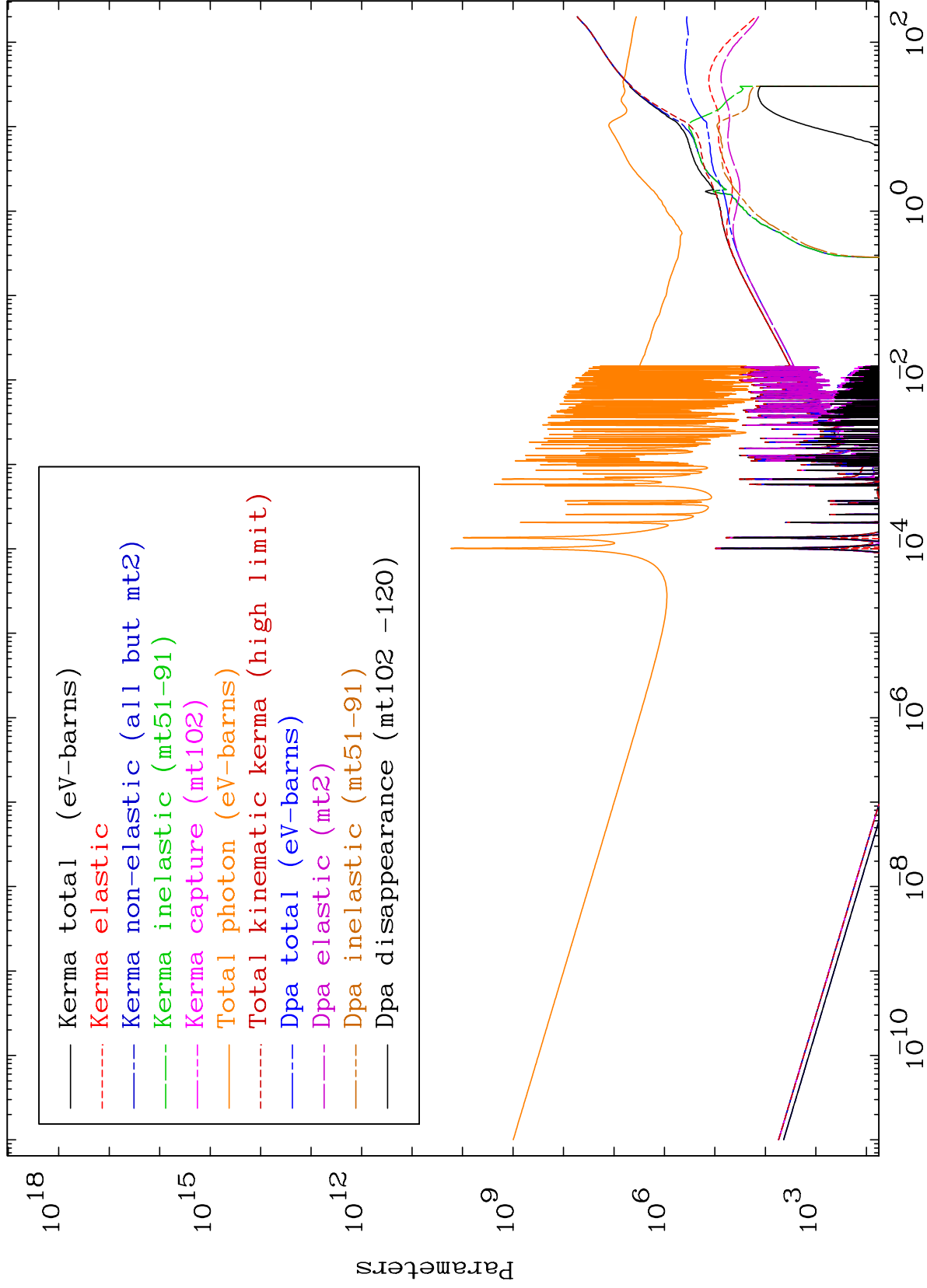
(n,α) Levels
293 Kelvin Cross Sections

35-Br-81



14

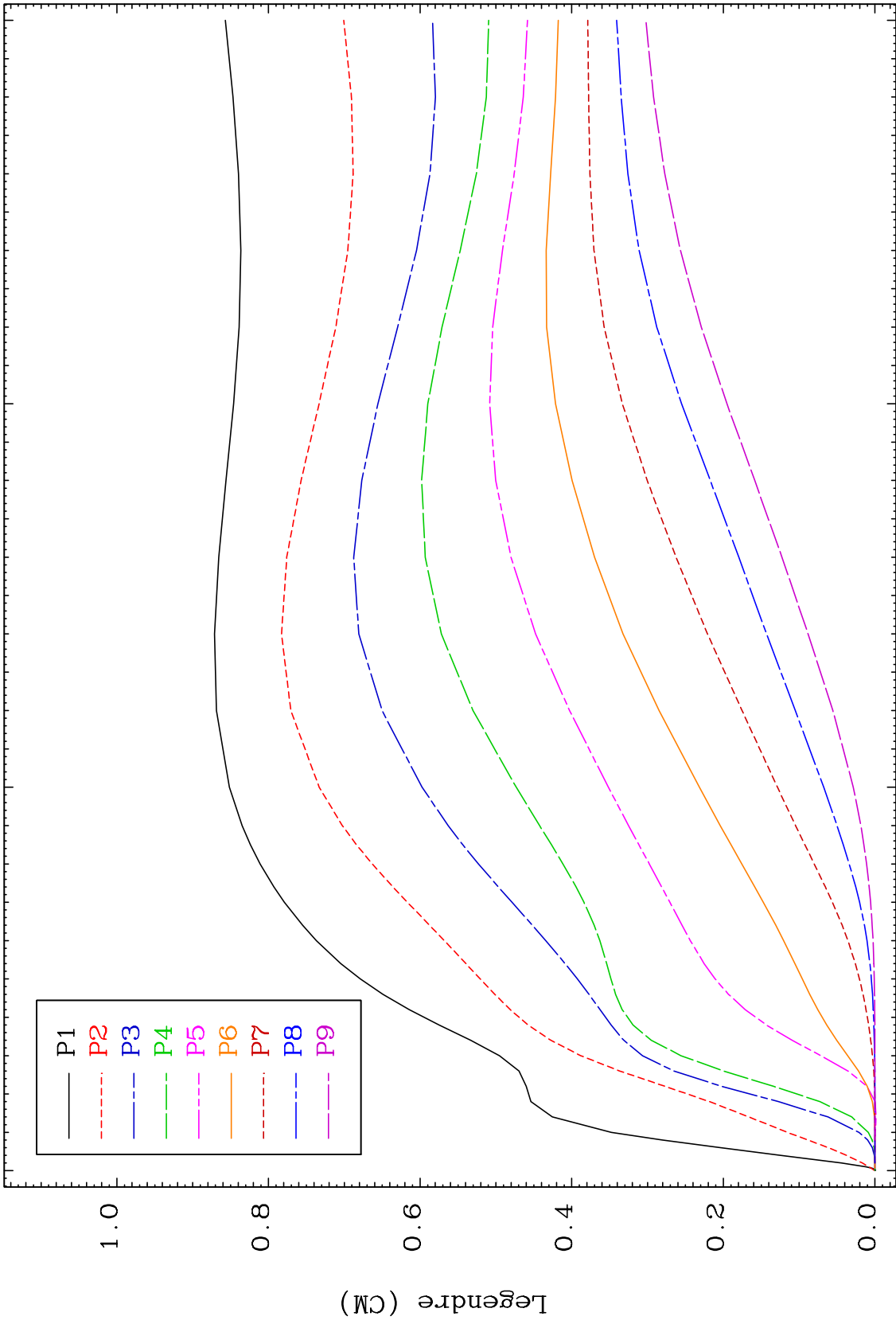
35-Br-81



MAT 3531

Elastic Legendre Coefficients

35-Br-81



16

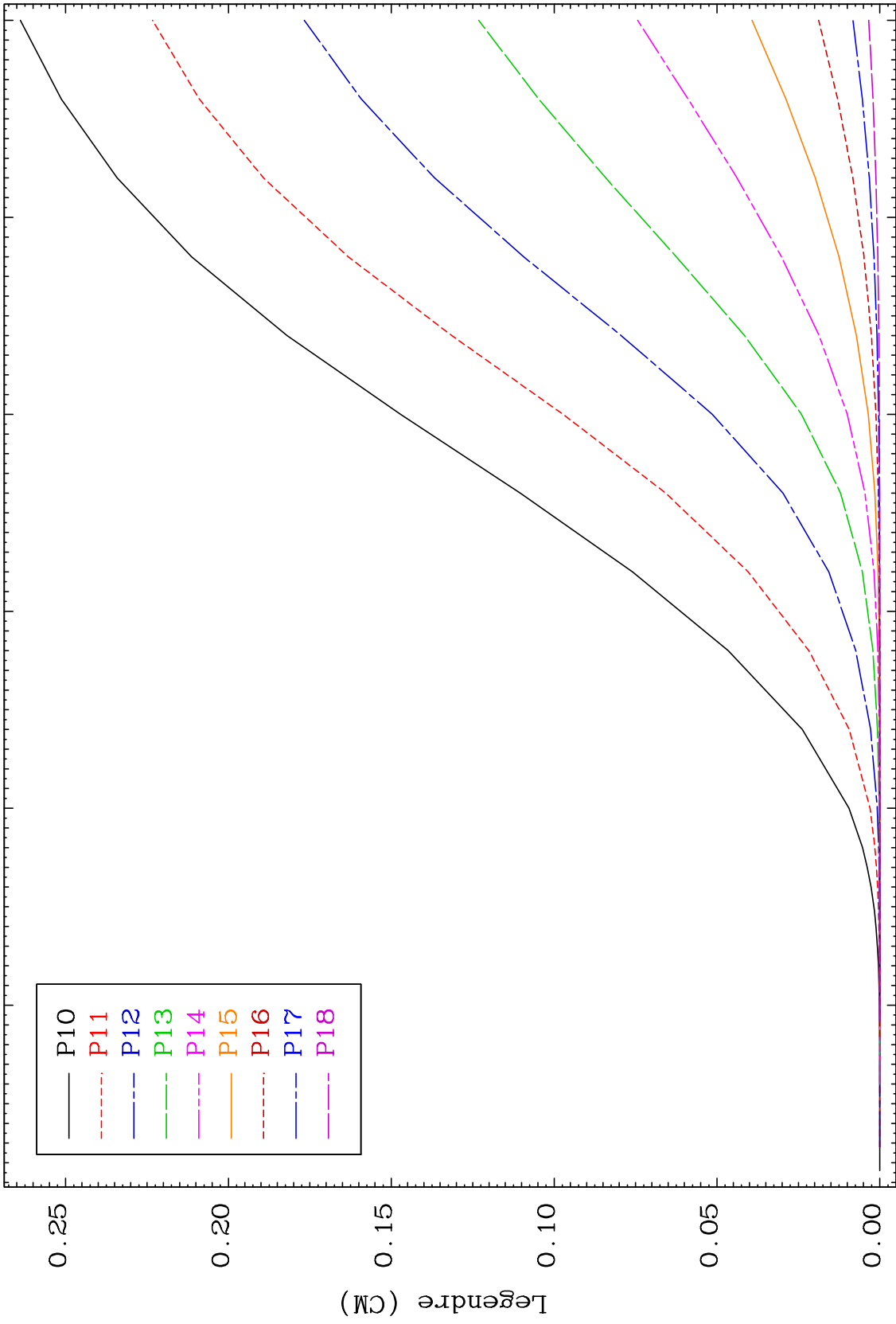
Incident Energy (MeV)

35-Br-81

MAT 3531

Elastic Legendre Coefficients

35-Br-81



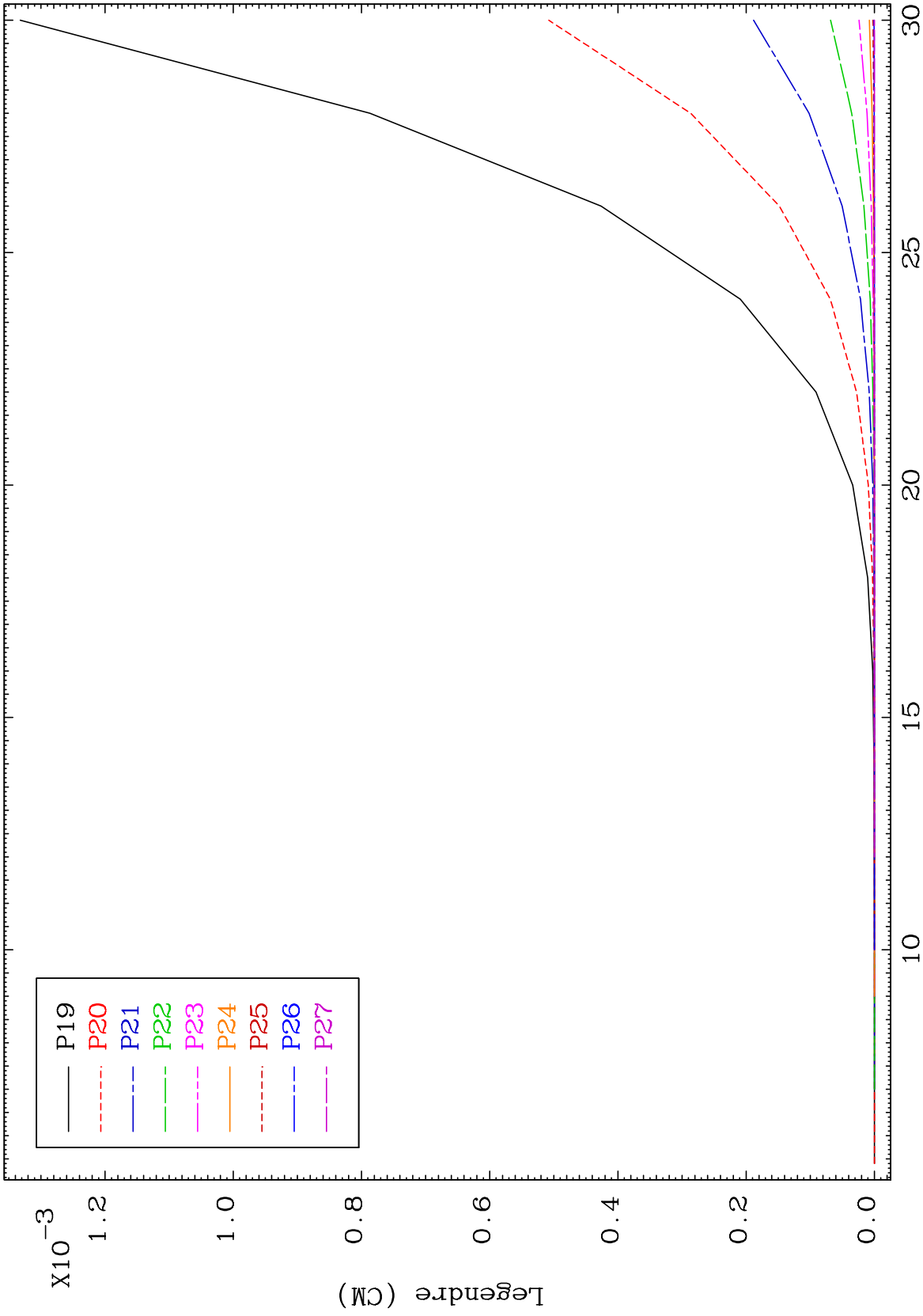
17

35-Br-81

MAT 3531

Elastic Legendre Coefficients

35-Br-81



18

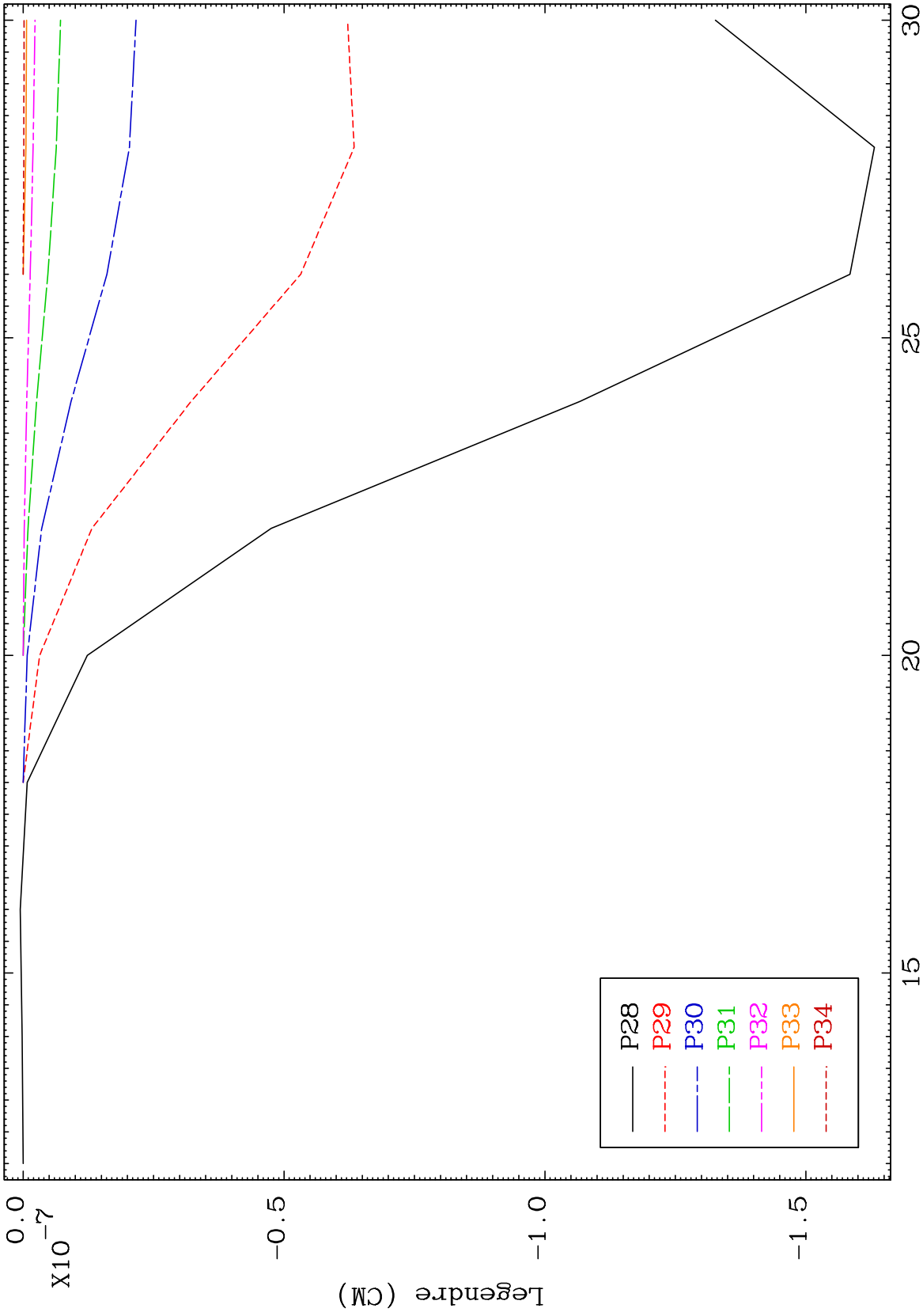
Incident Energy (MeV)

35-Br-81

MAT 3531

35-Br-81

Elastic Legendre Coefficients



19

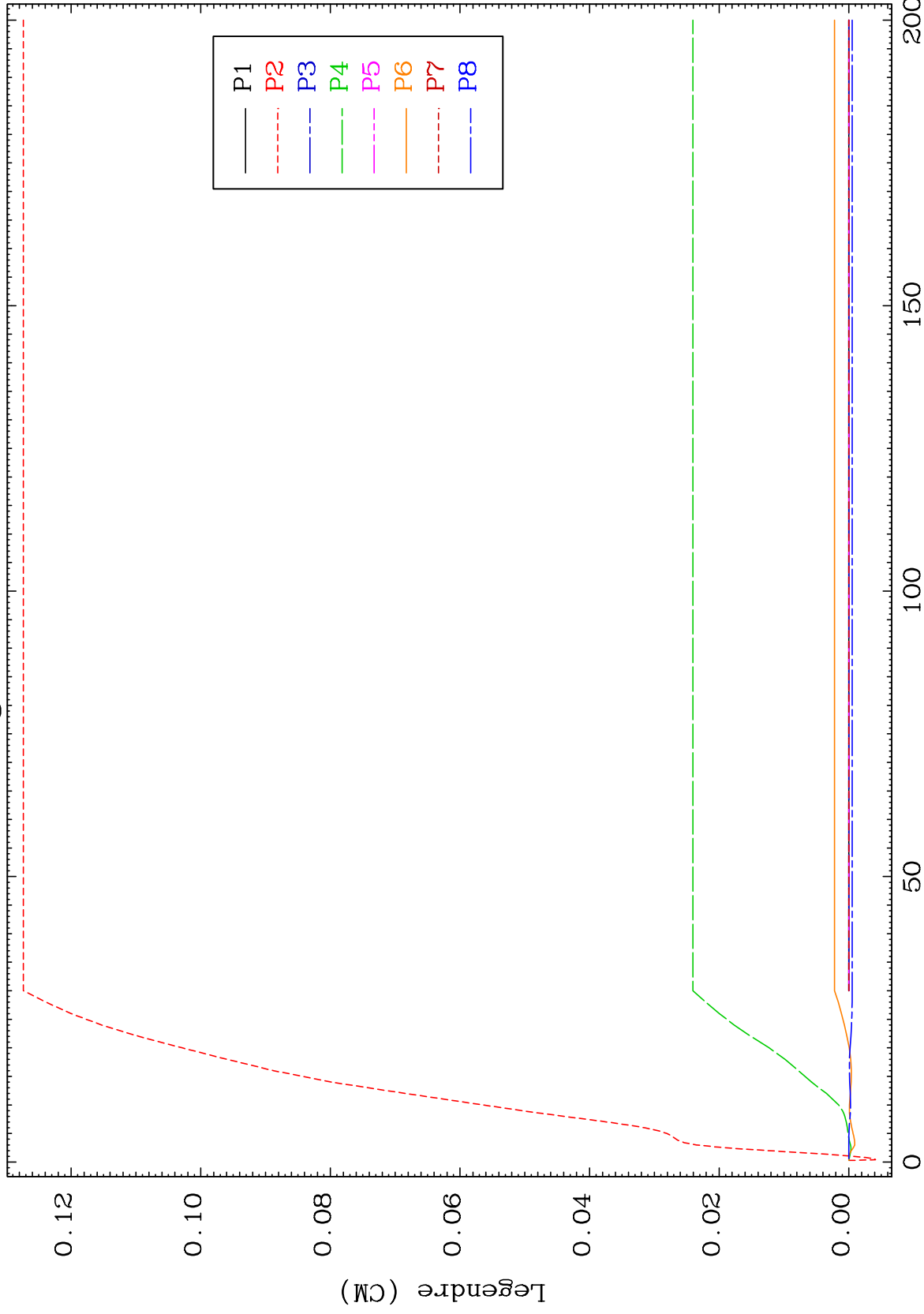
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81

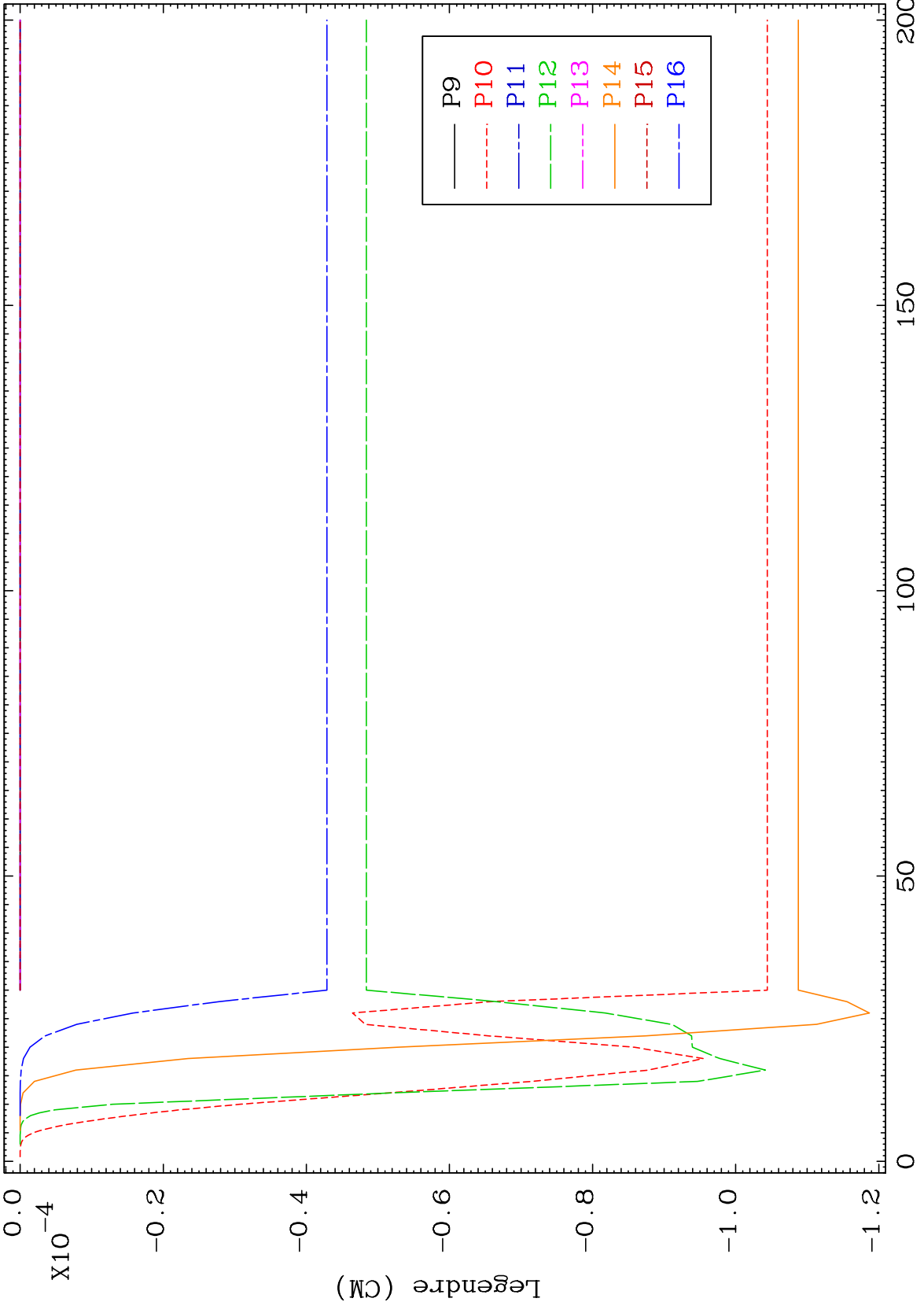


35-Br-81

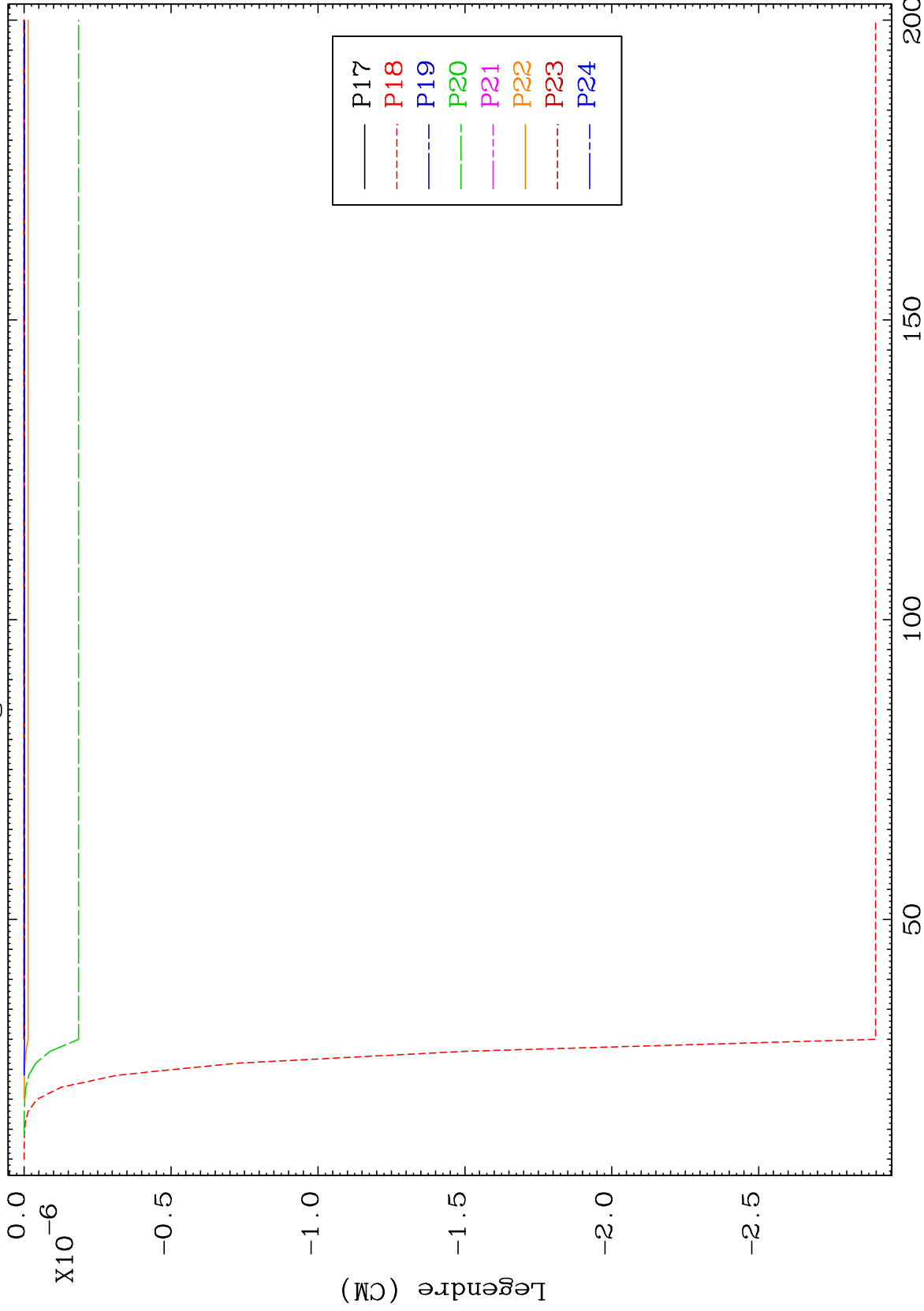
Incident Energy (MeV)

Legendre (CM)

MAT 3531 MT= 51 (n,n') Level Legendre Coefficients 35-Br-81



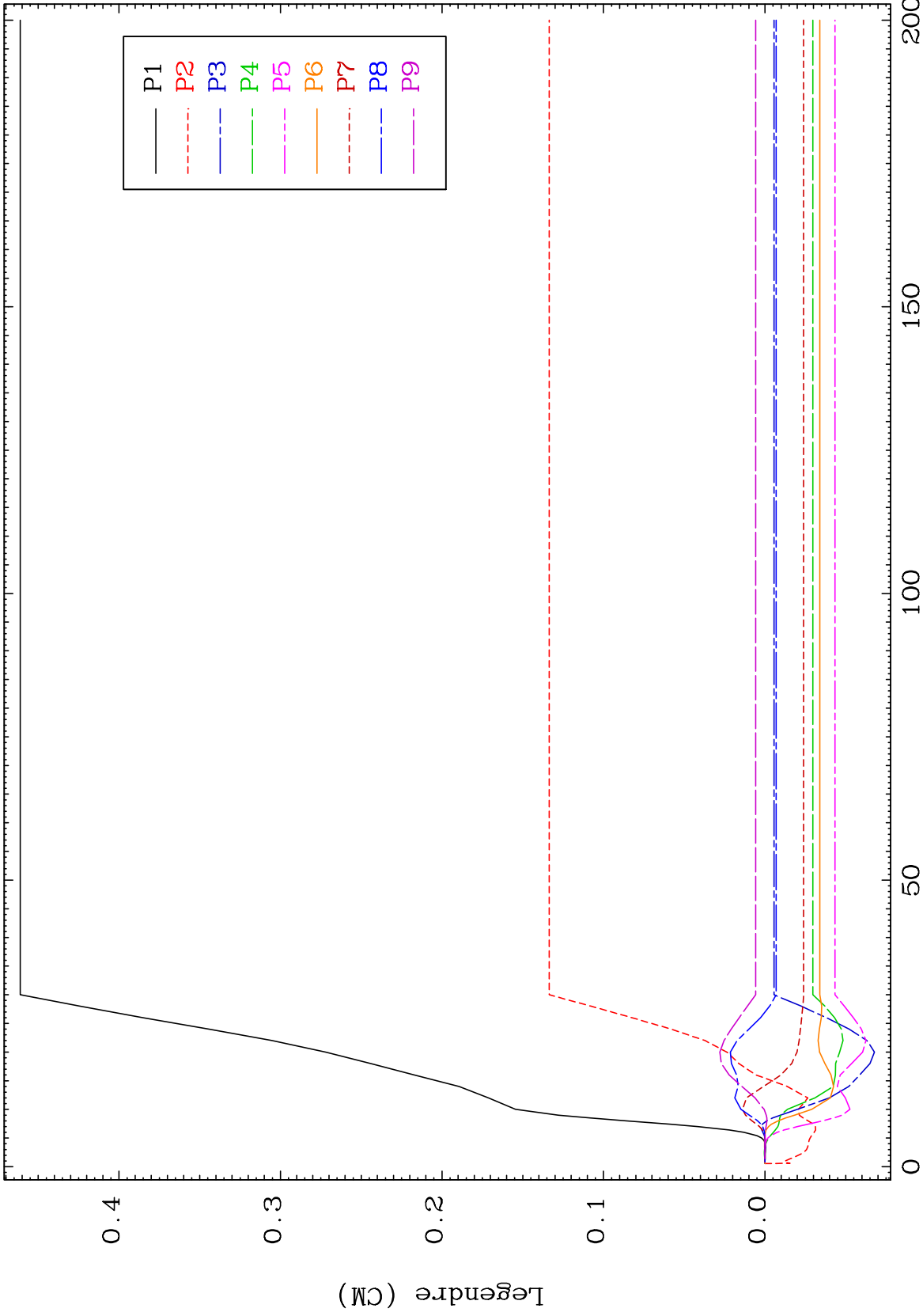
21 35-Br-81



MAT 3531

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

35-Br-81



23

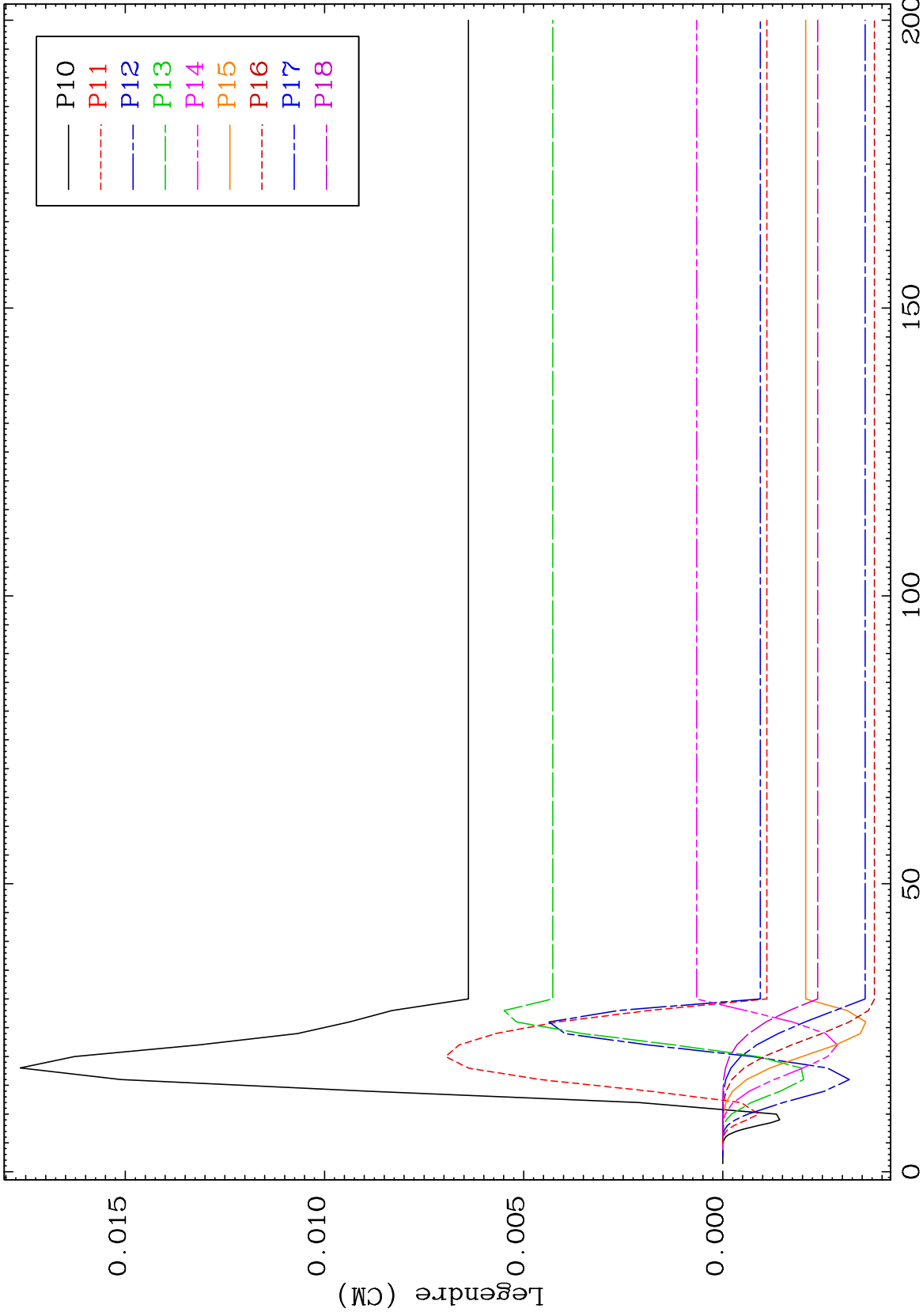
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81

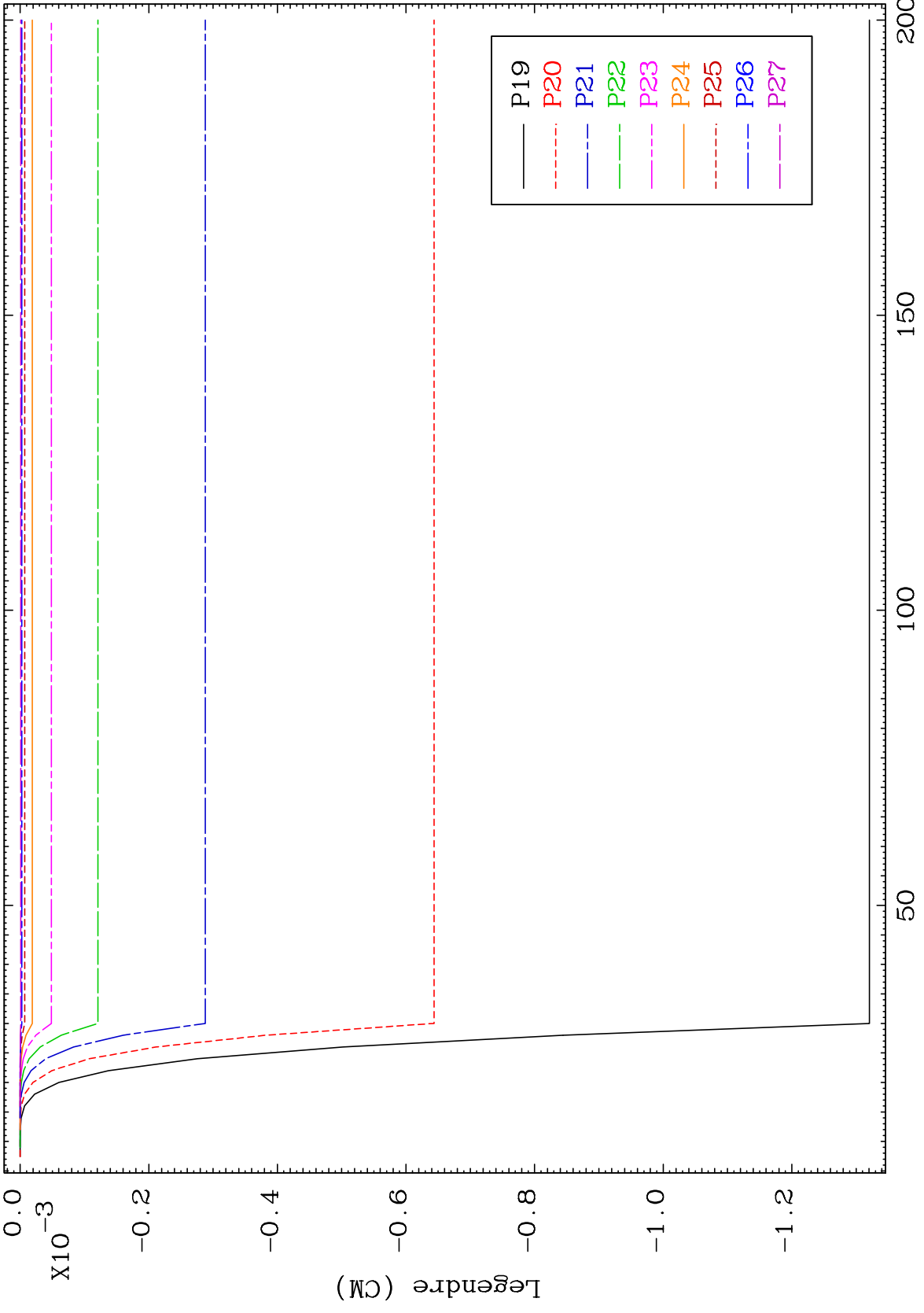


24

Incident Energy (MeV)

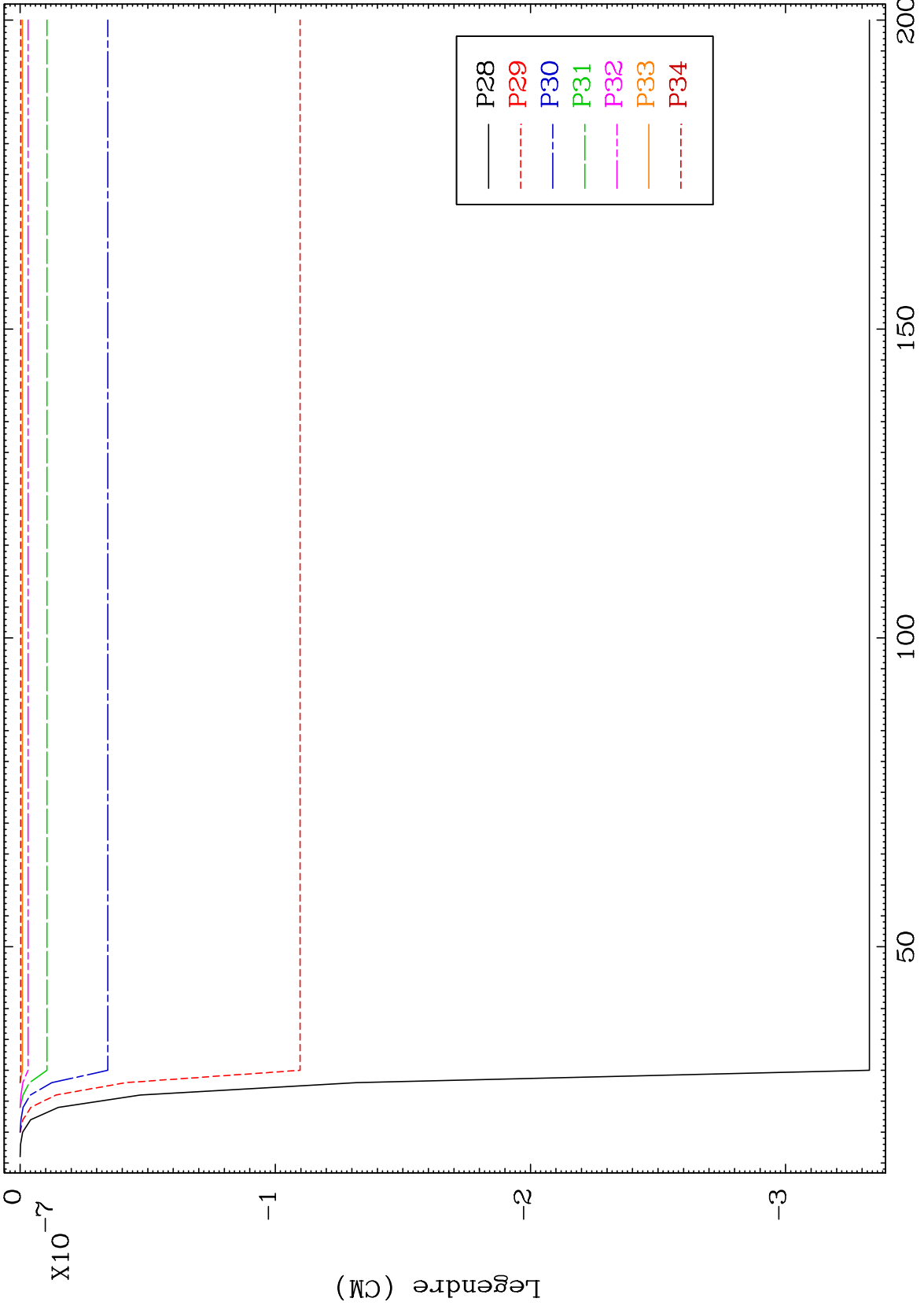
35-Br-81

MAT 3531 MT= 52 (n,n') Level Legendre Coefficients 35-Br-81



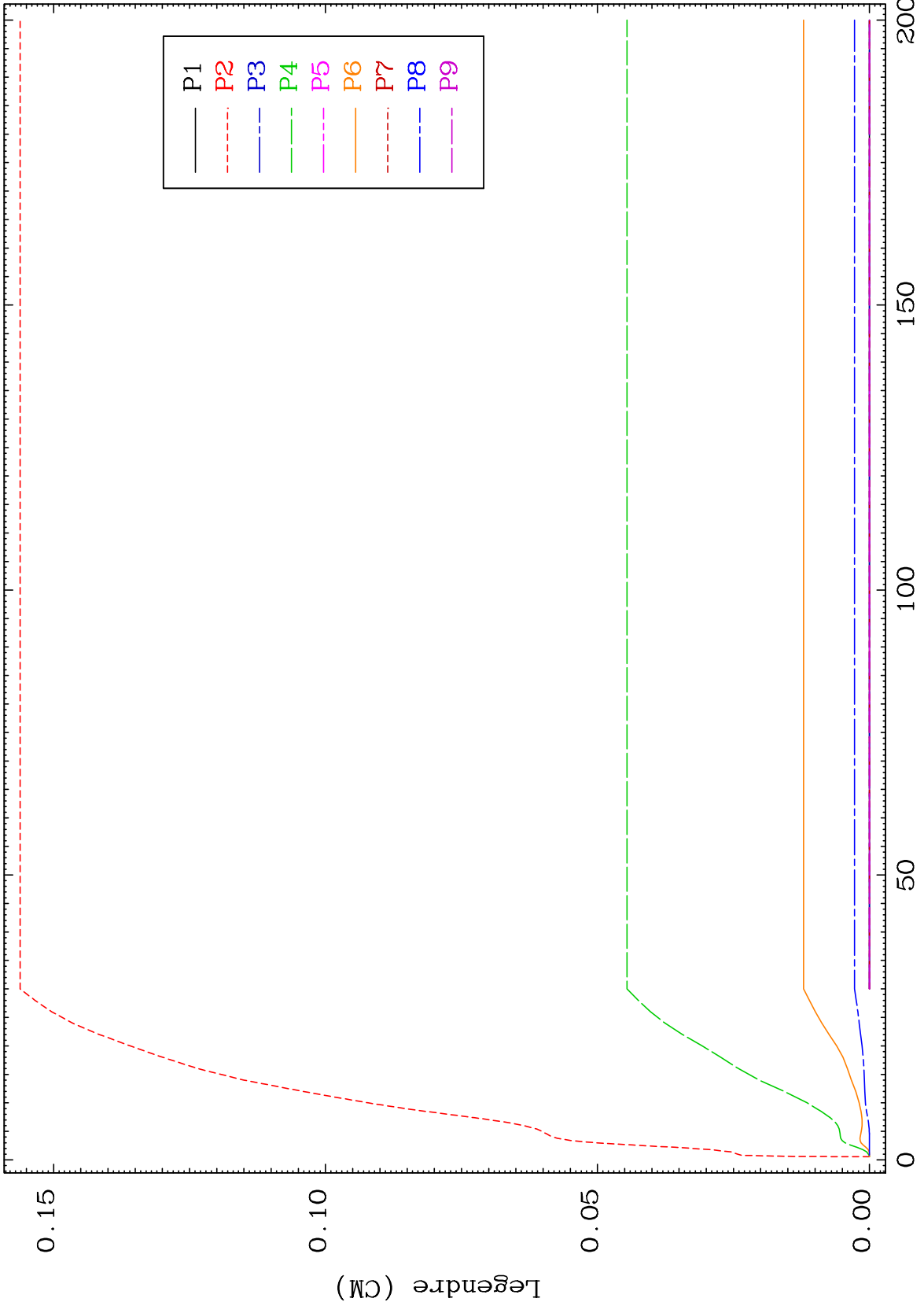
25 Incident Energy (MeV) 35-Br-81

MAT 3531 MT= 52 (n,n') Level Legendre Coefficients 35-Br-81



26 Incident Energy (MeV) 35-Br-81

MAT 3531 MT= 53 (n,n') Level Legendre Coefficients 35-Br-81

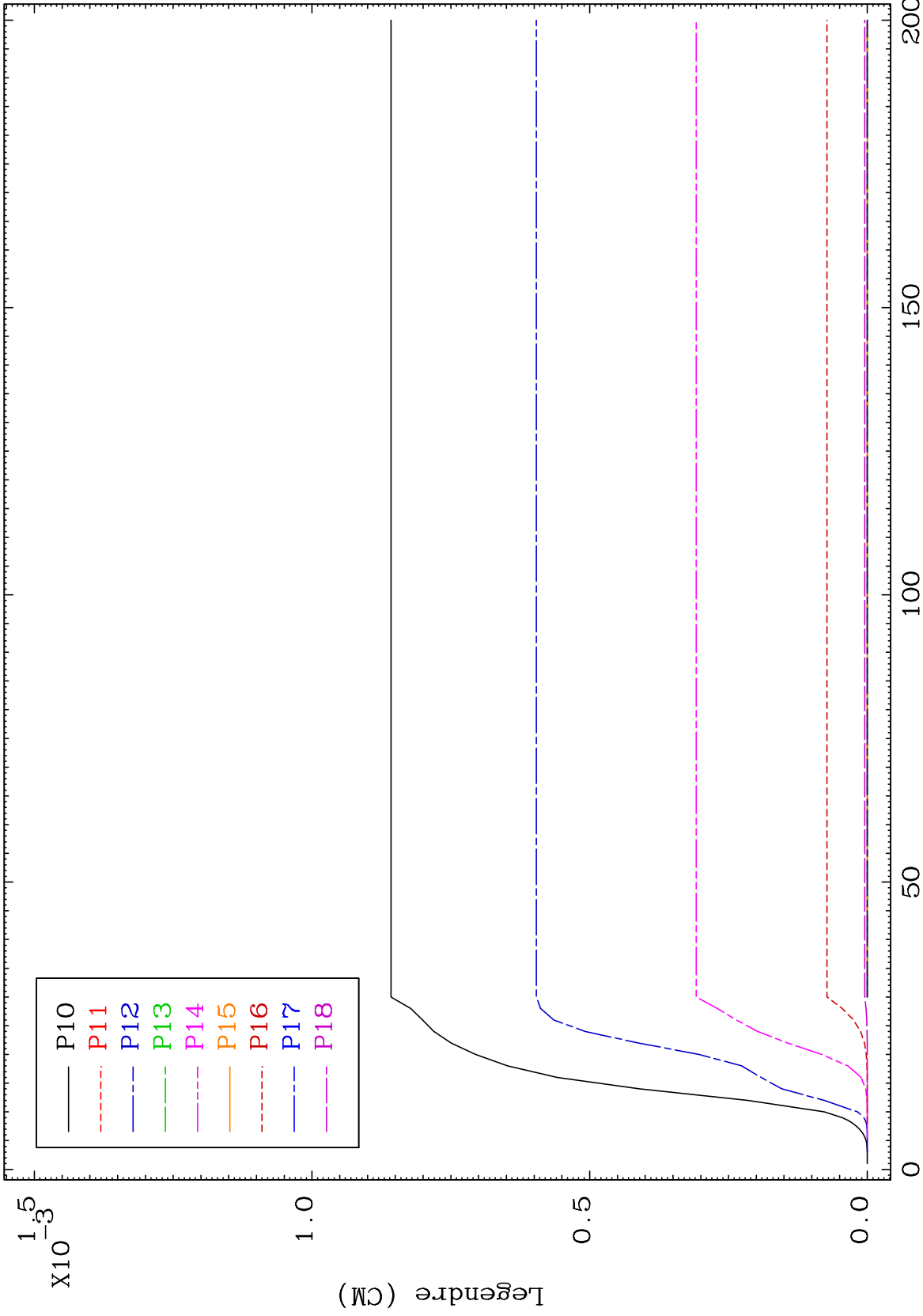


Legendre (CM) Incident Energy (MeV) 35-Br-81

MAT 3531

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

35-Br-81



28

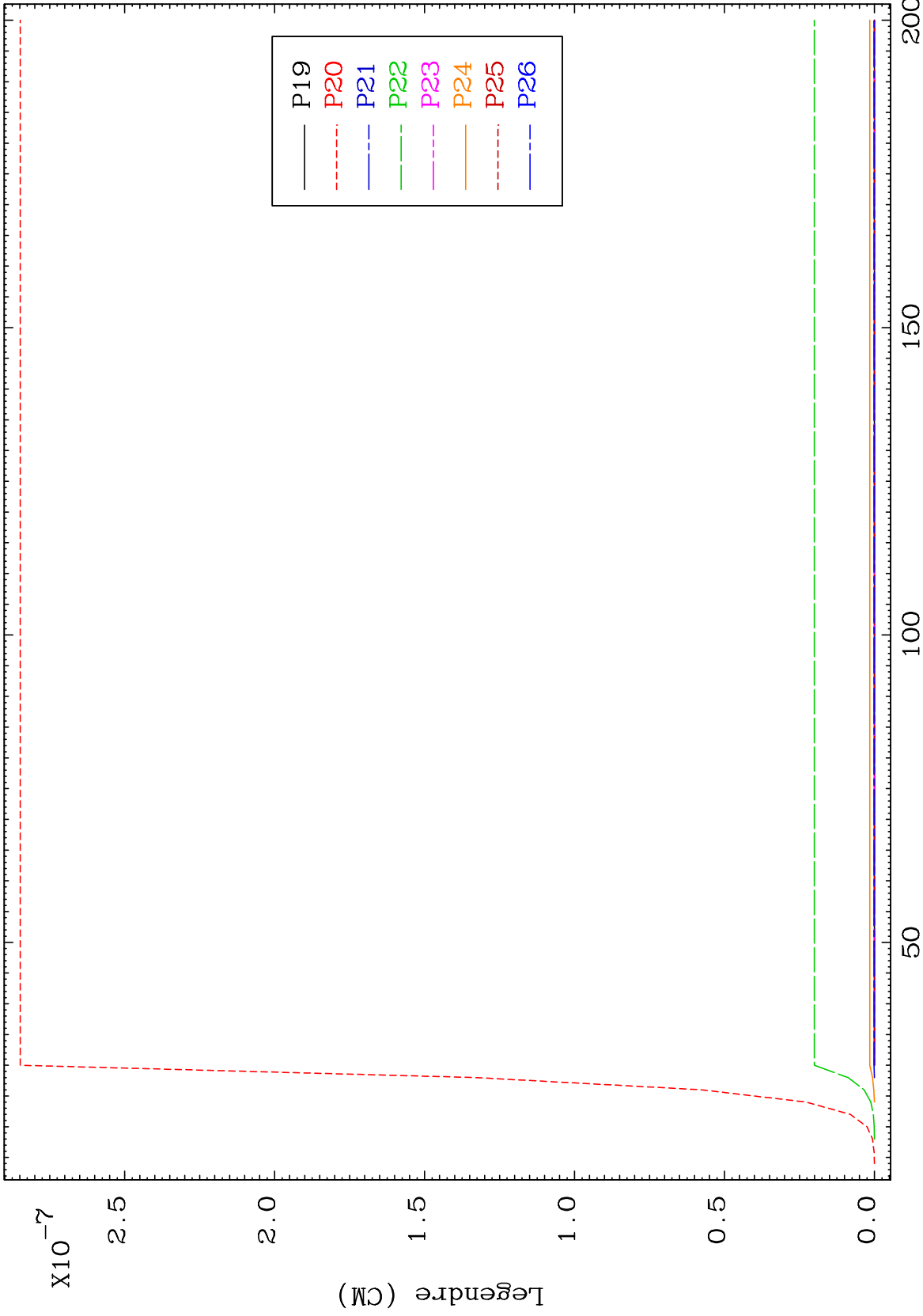
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81

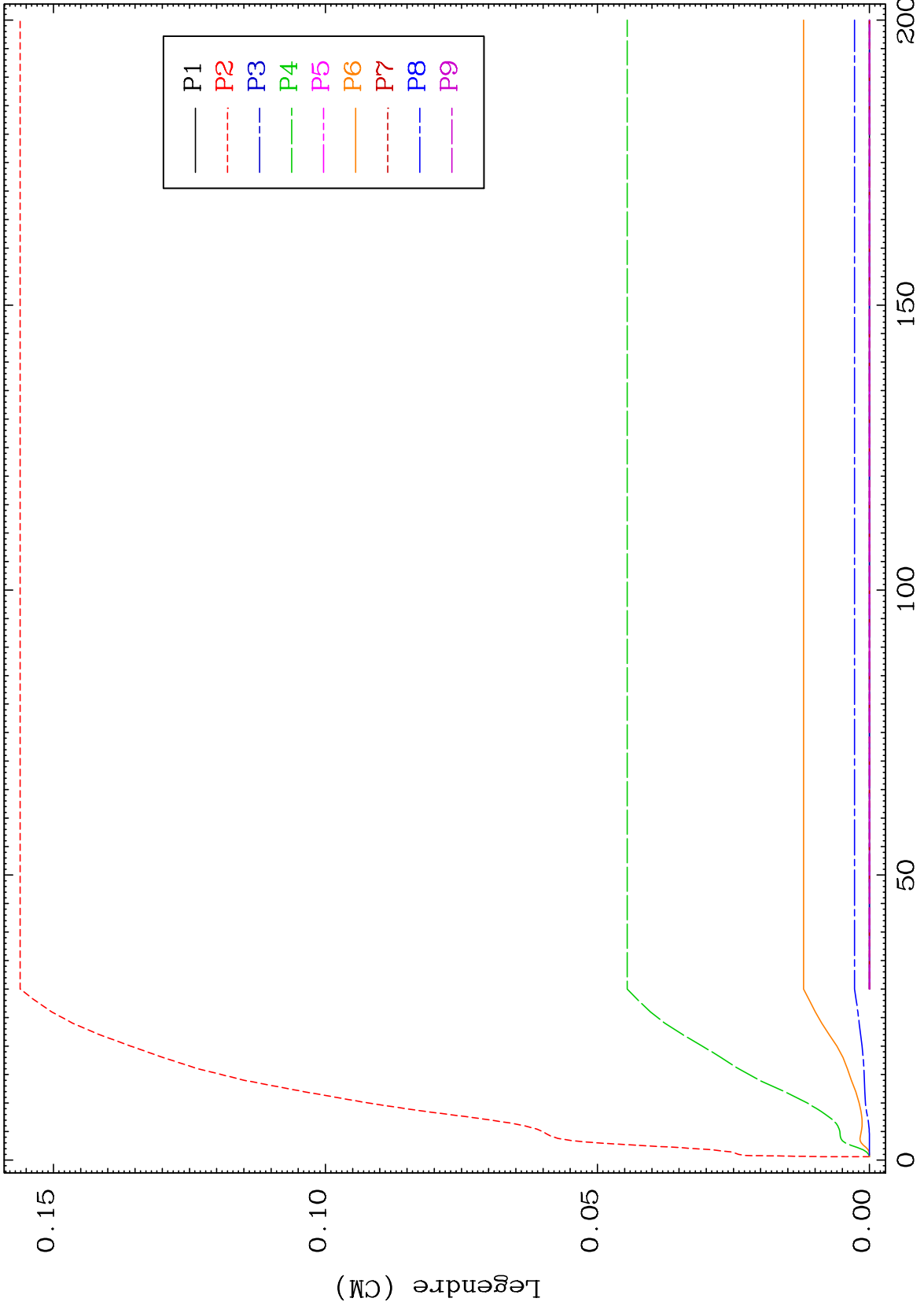


29

Incident Energy (MeV)

35-Br-81

MAT 3531 MT= 54 (n,n') Level Legendre Coefficients 35-Br-81

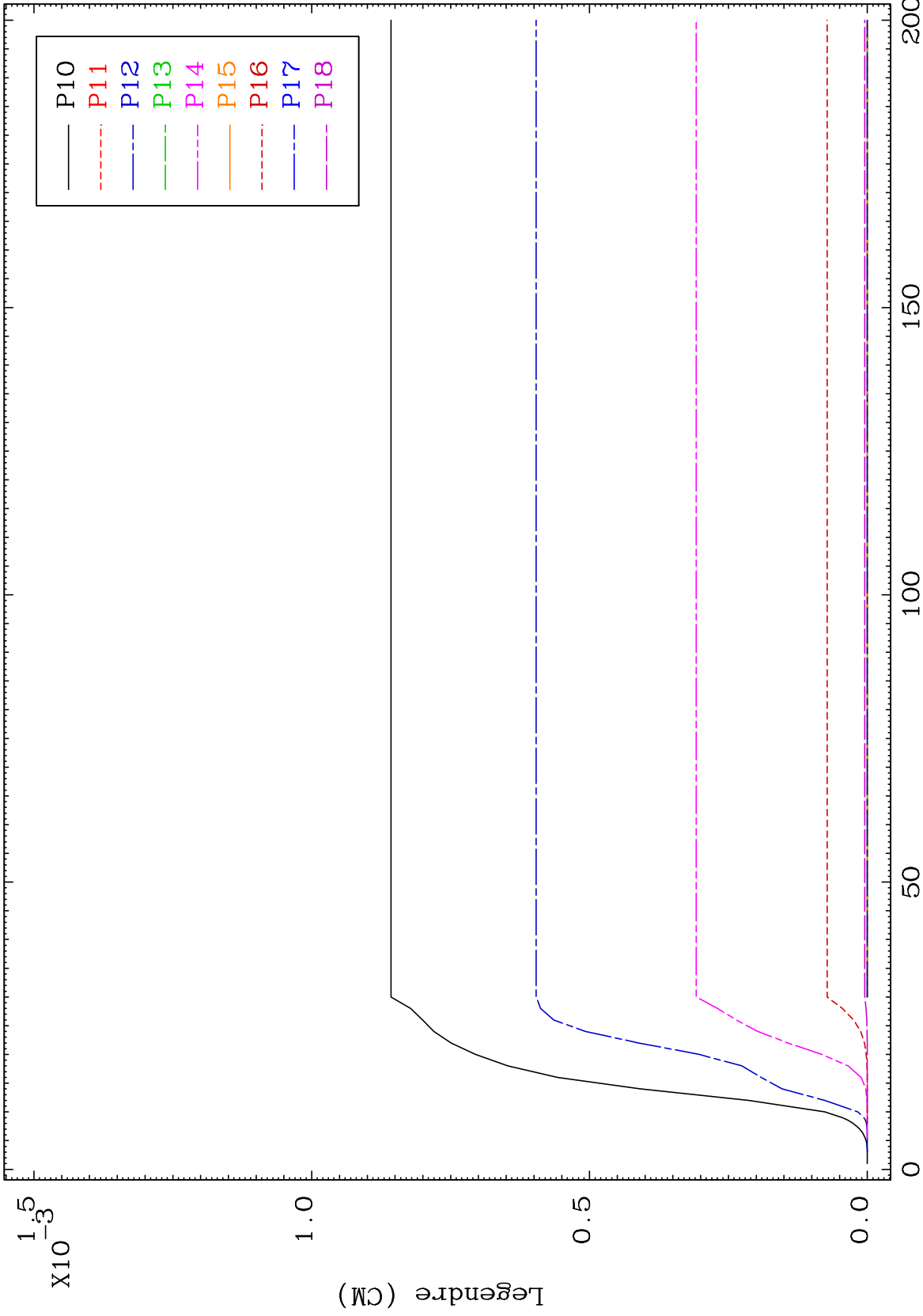


35-Br-81

MAT 3531

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

35-Br-81

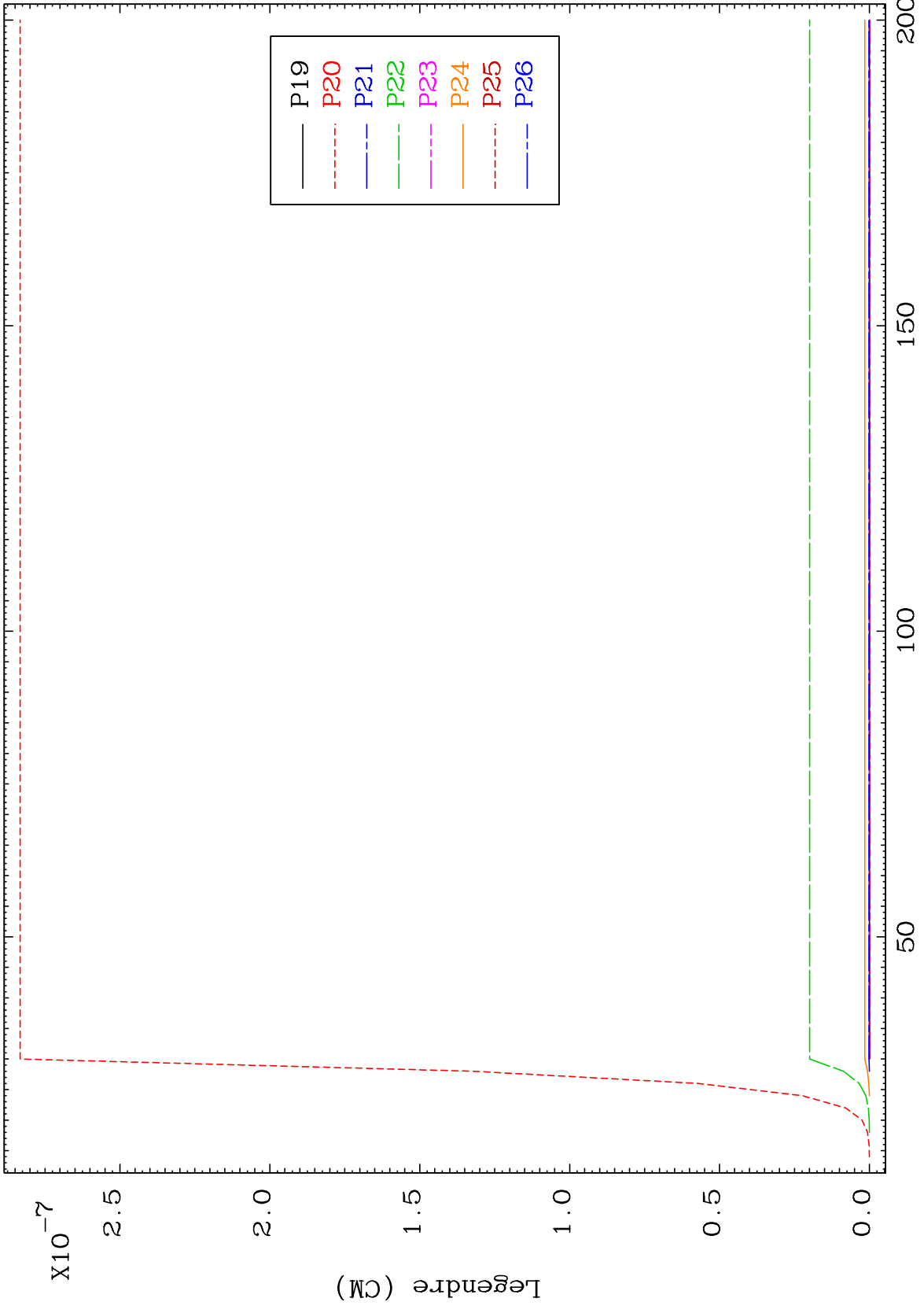


31

Incident Energy (MeV)

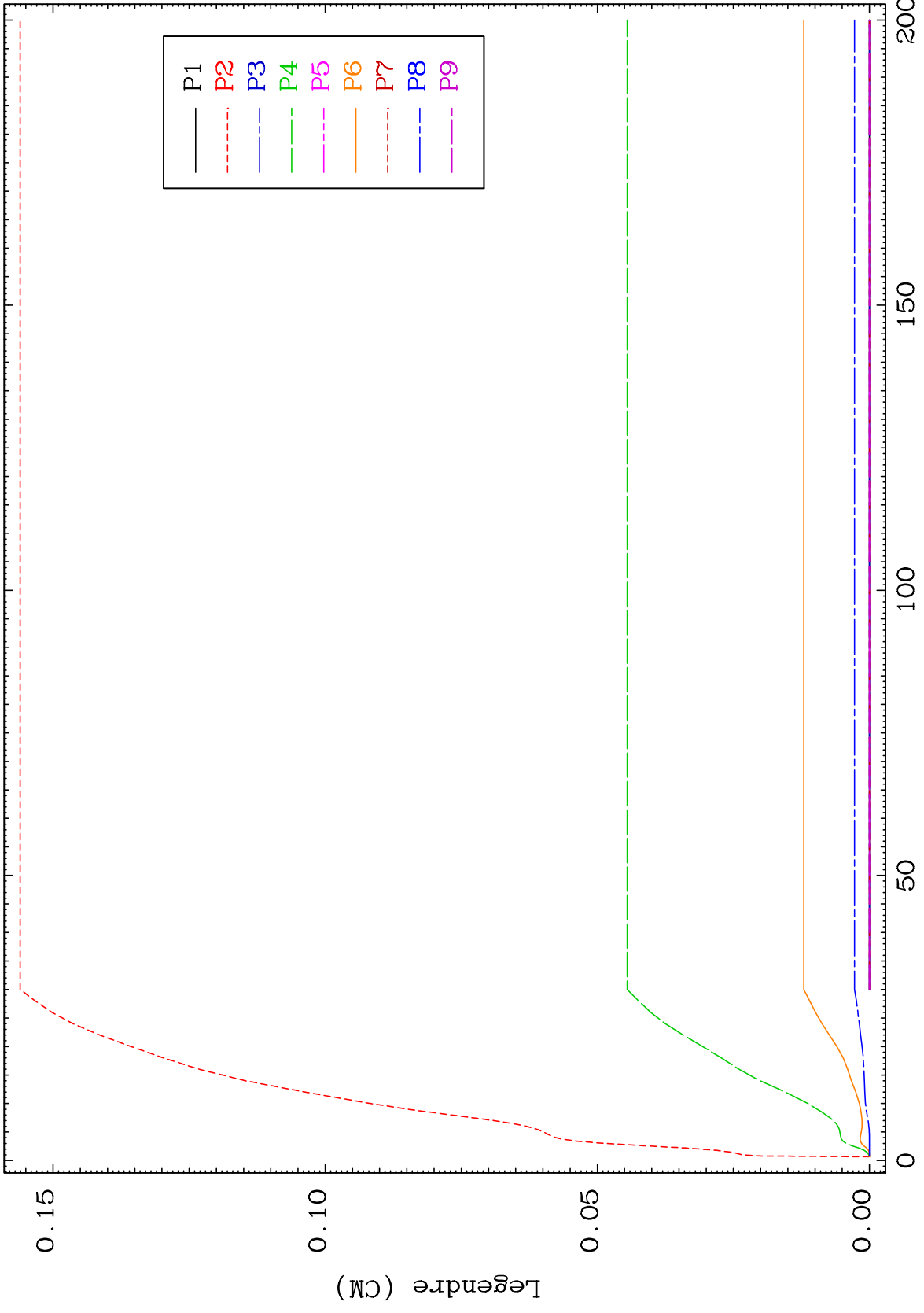
35-Br-81

MAT 3531 MT= 54 (n,n') Level Legendre Coefficients 35-Br-81



32 50 100 150 200 35-Br-81

MAT 3531 MT= 55 (n,n') Level Legendre Coefficients 35-Br-81

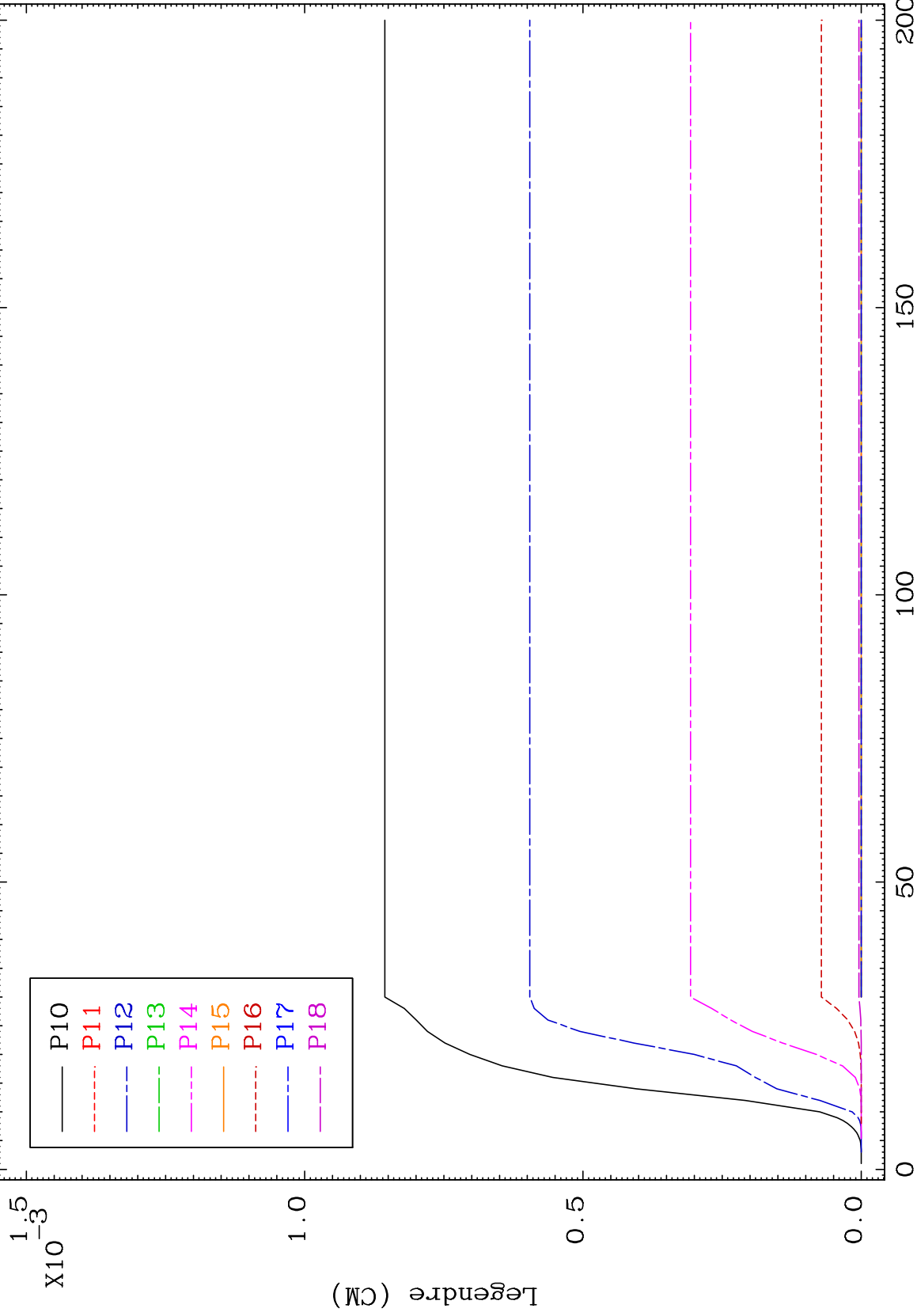


35-Br-81

MAT 3531

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

35-Br-81

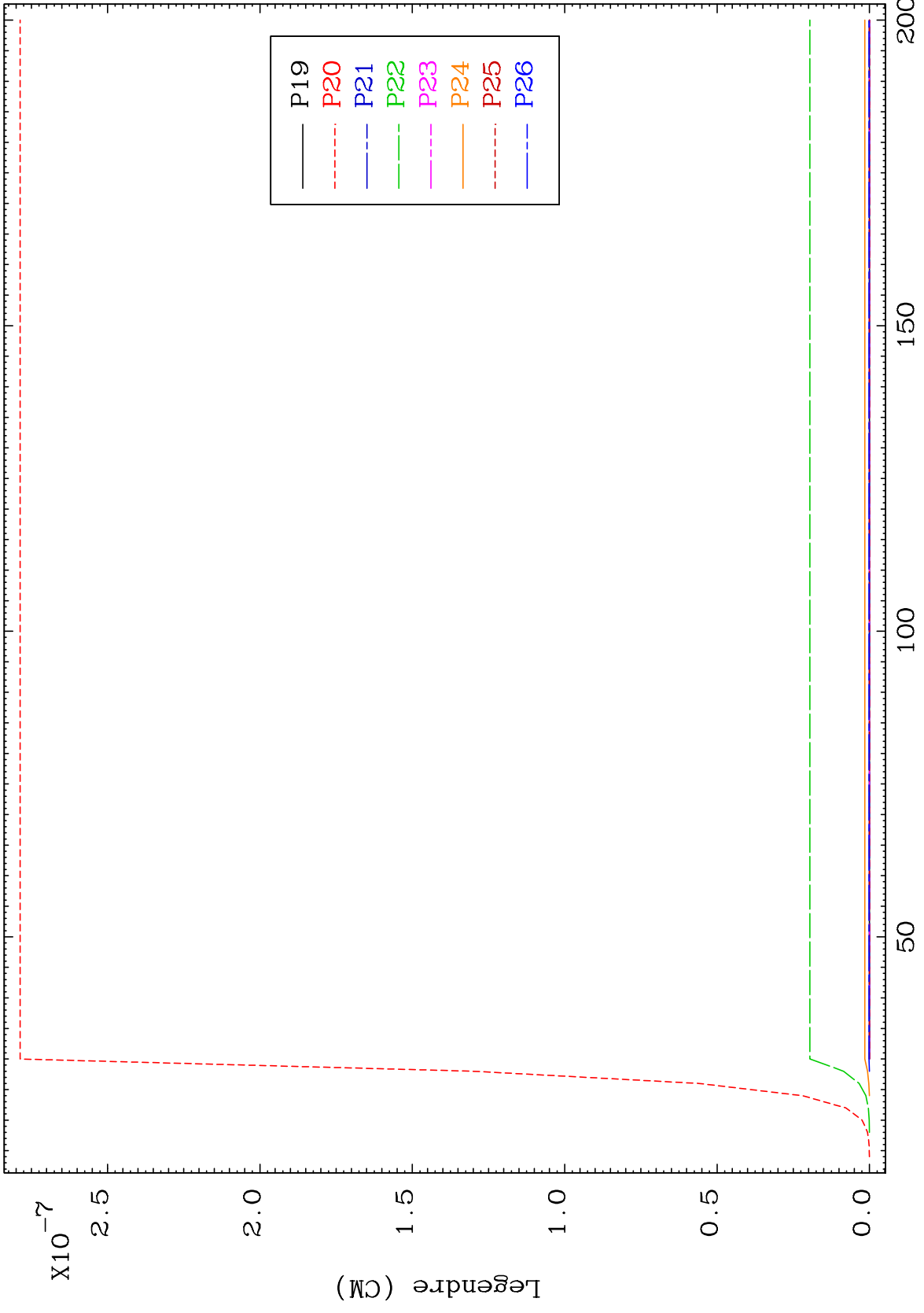


34

Incident Energy (MeV)

35-Br-81

MAT 3531 MT= 55 (n,n') Level Legendre Coefficients 35-Br-81

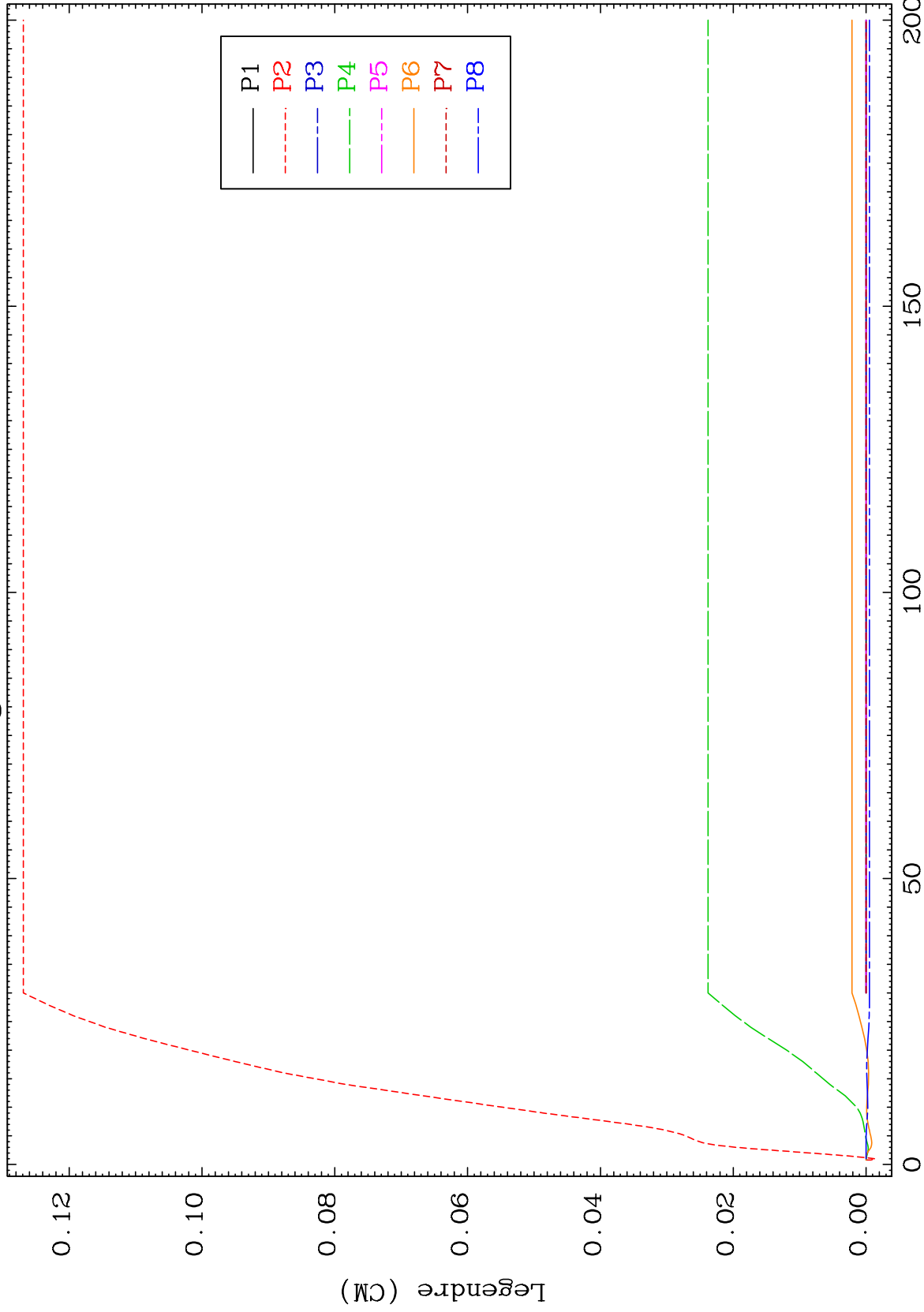


35-Br-81

MAT 3531

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

35-Br-81

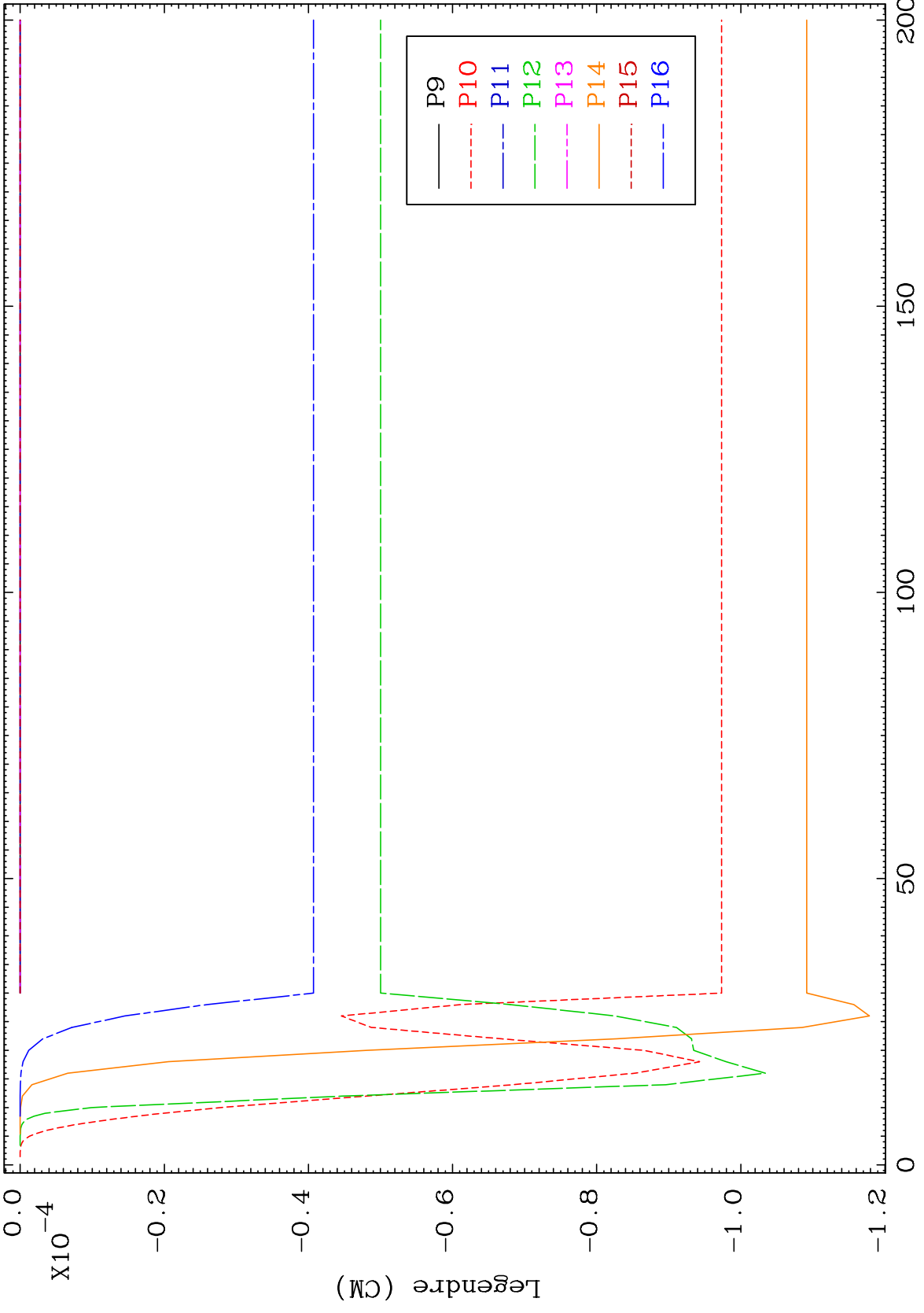


36

Incident Energy (MeV)

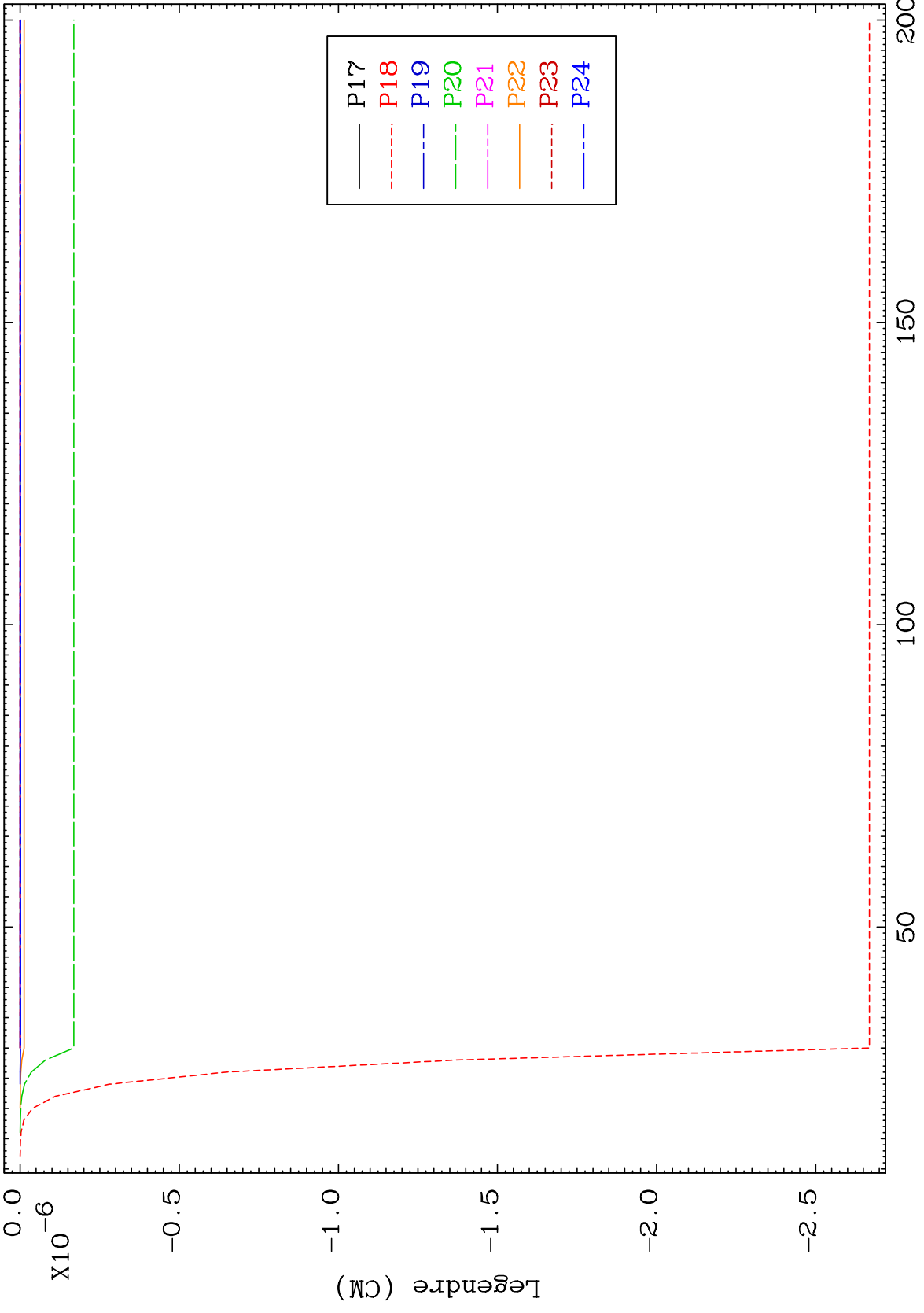
35-Br-81

MAT 3531 MT= 56 (n,n') Level Legendre Coefficients 35-Br-81



37 35-Br-81

MAT 3531 MT= 56 (n,n') Level Legendre Coefficients 35-Br-81

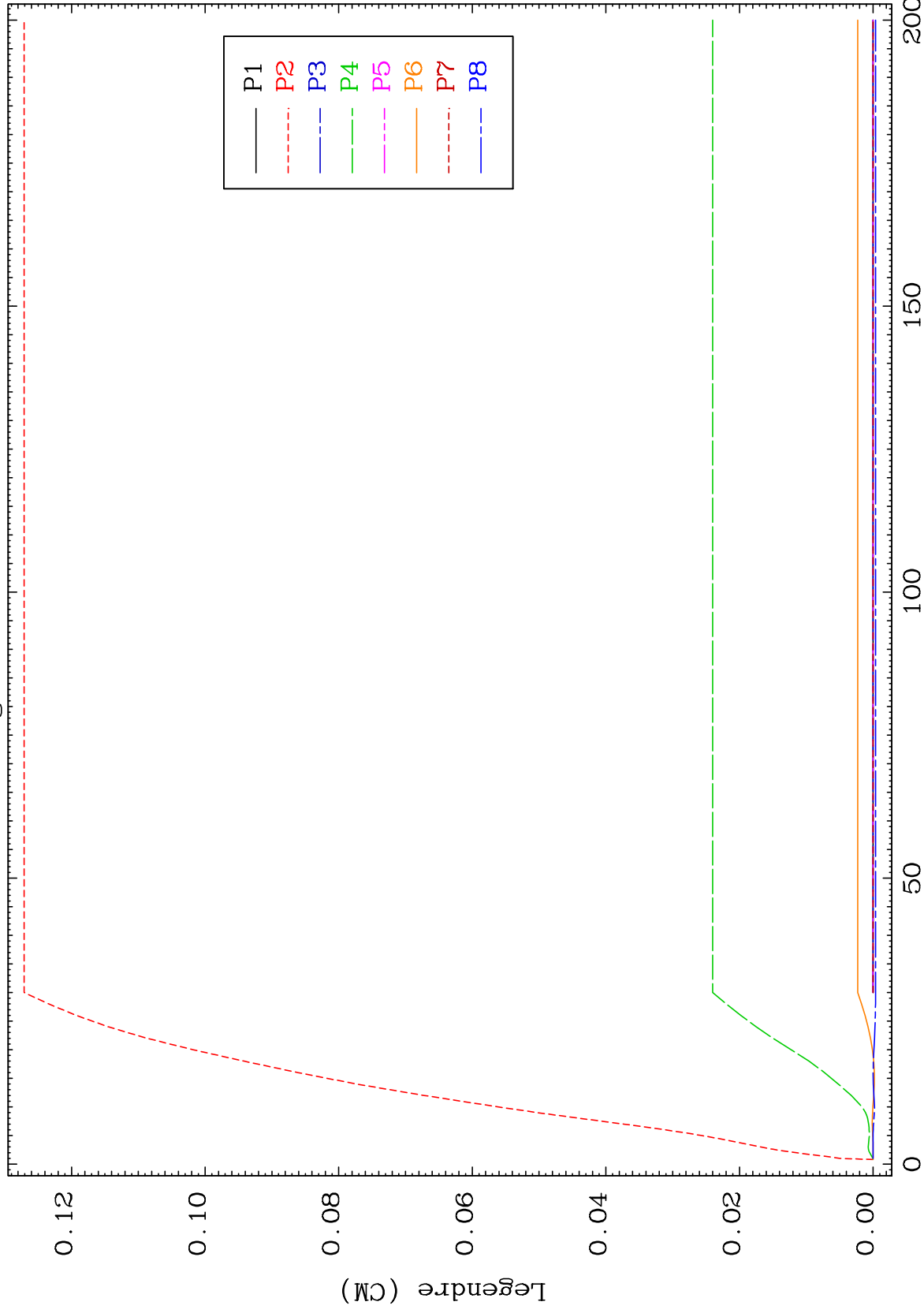


38 35-Br-81

MAT 3531

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

35-Br-81



39

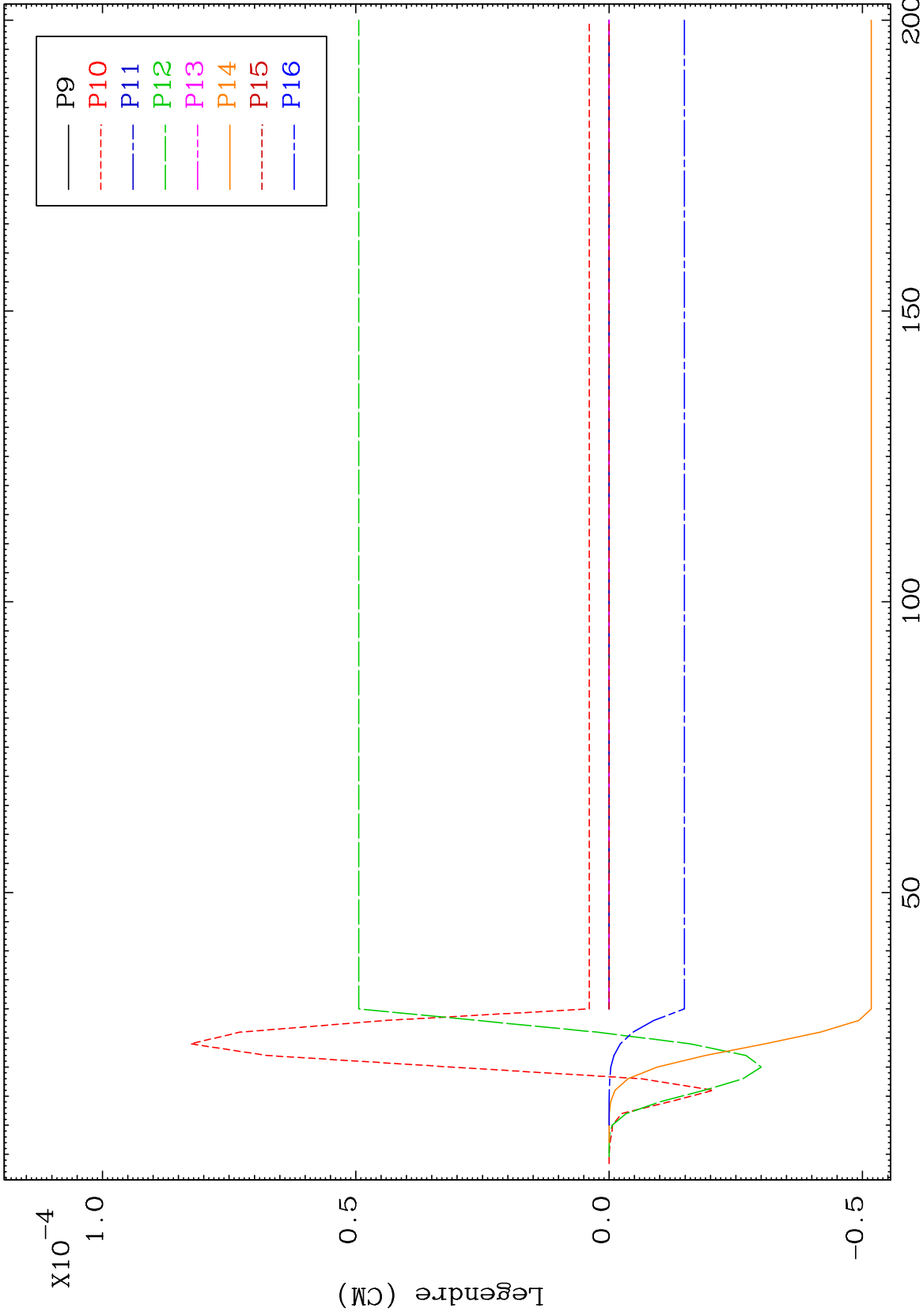
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81

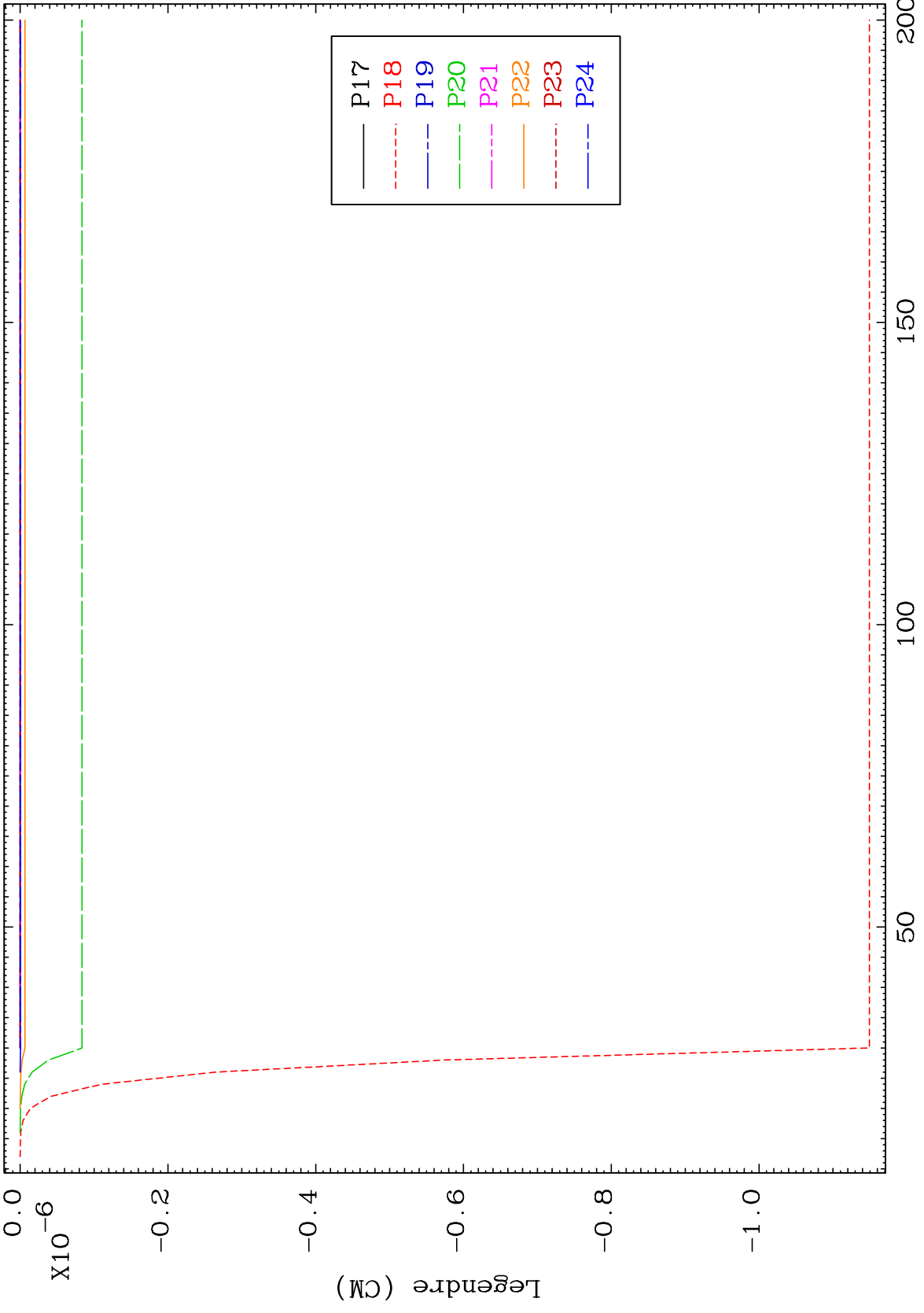


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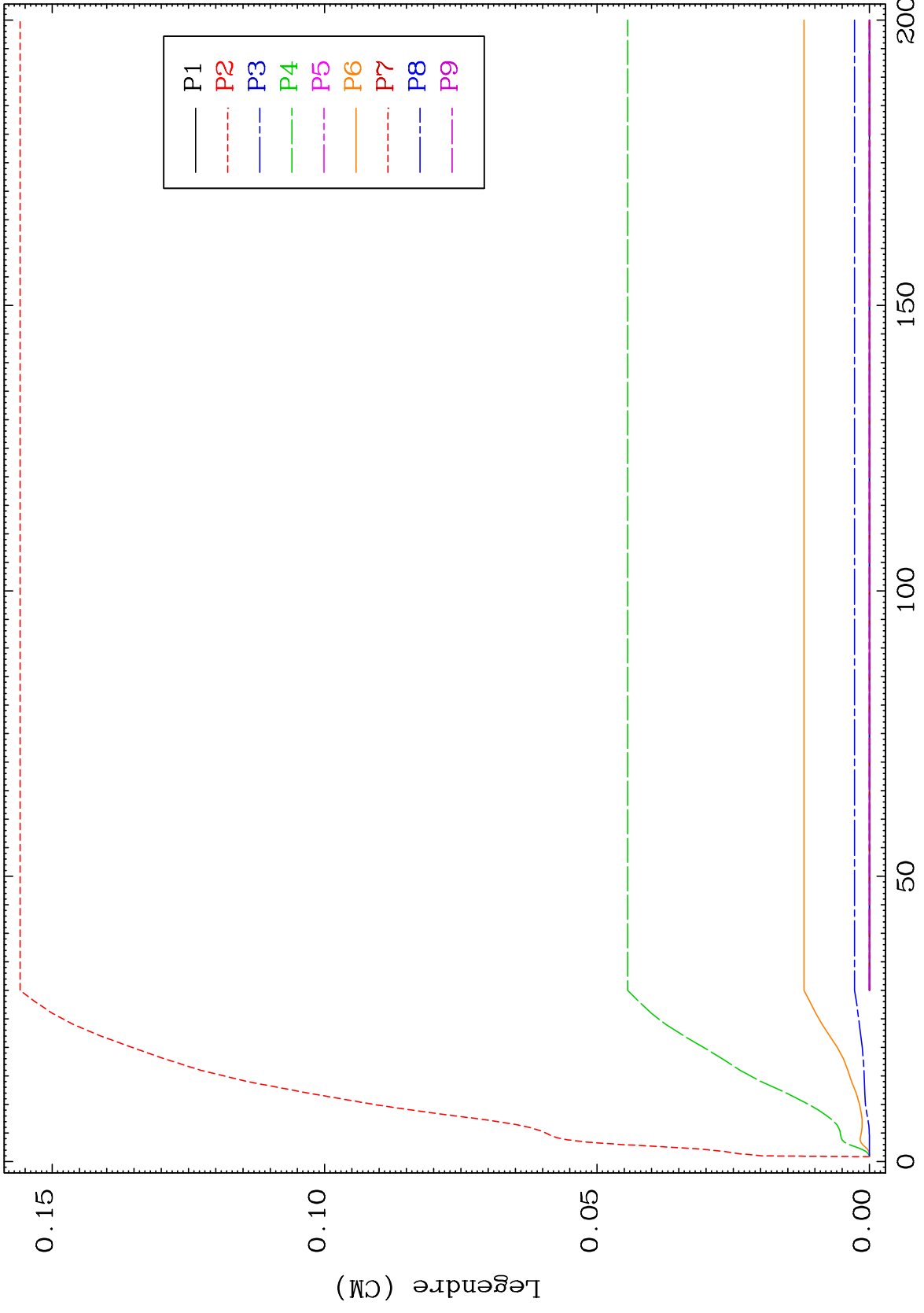
Incident Energy (MeV)

35-Br-81

MAT 3531 MT= 57 (n,n') Level Legendre Coefficients 35-Br-81



MAT 3531 MT= 58 (n,n') Level Legendre Coefficients 35-Br-81

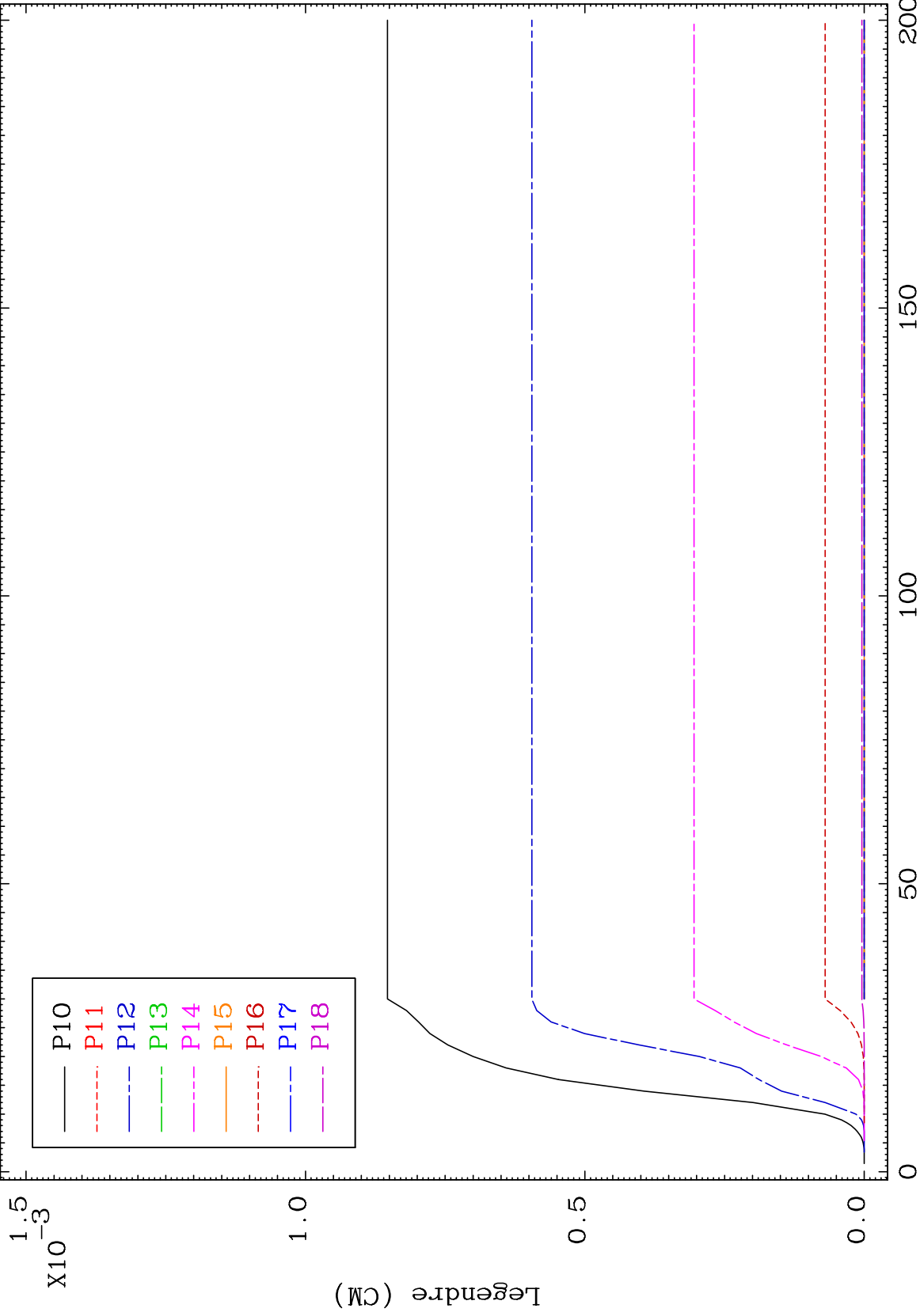


42 35-Br-81

MAT 3531

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

35-Br-81

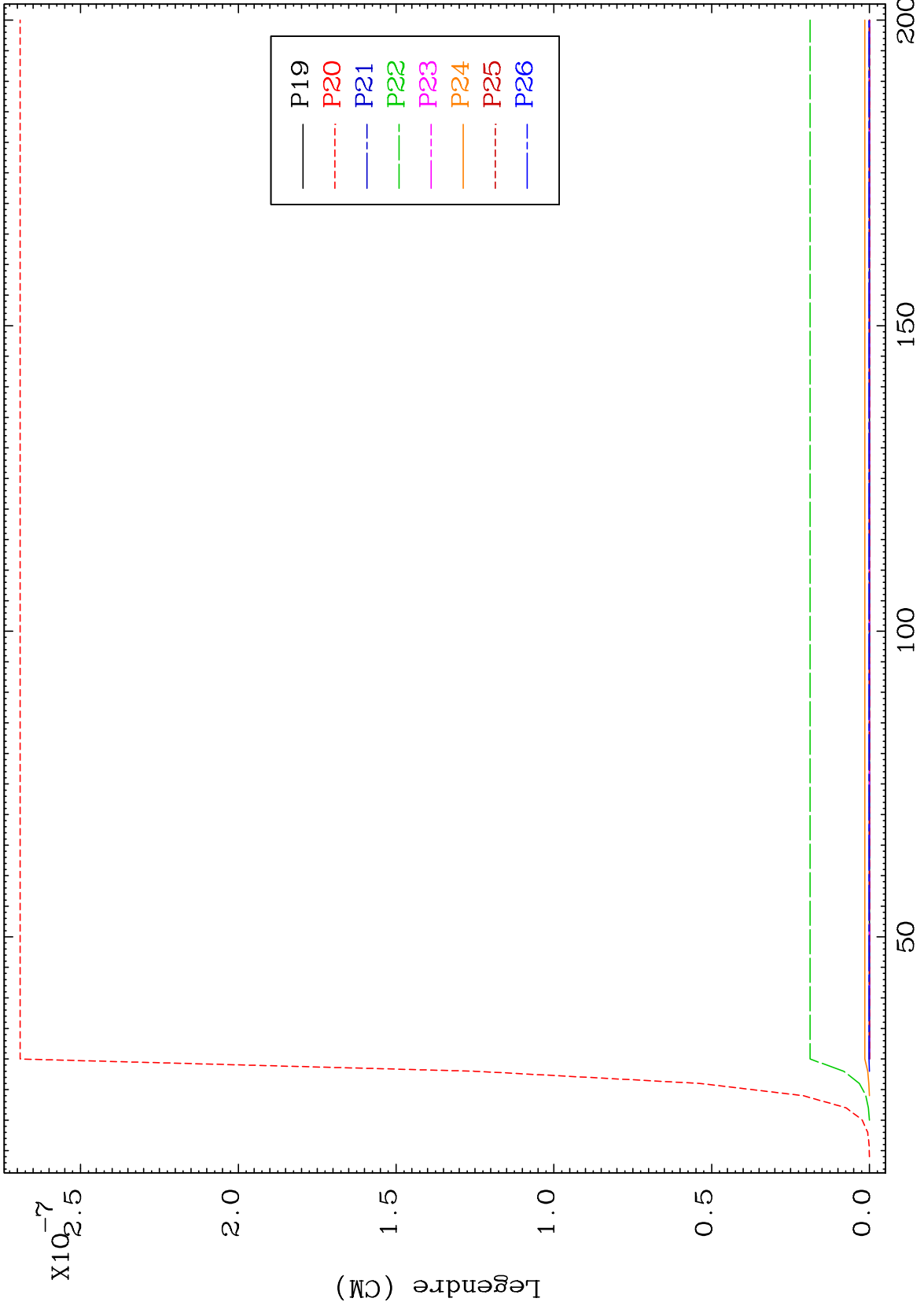


43

Incident Energy (MeV)

35-Br-81

MAT 3531 MT= 58 (n,n') Level Legendre Coefficients 35-Br-81

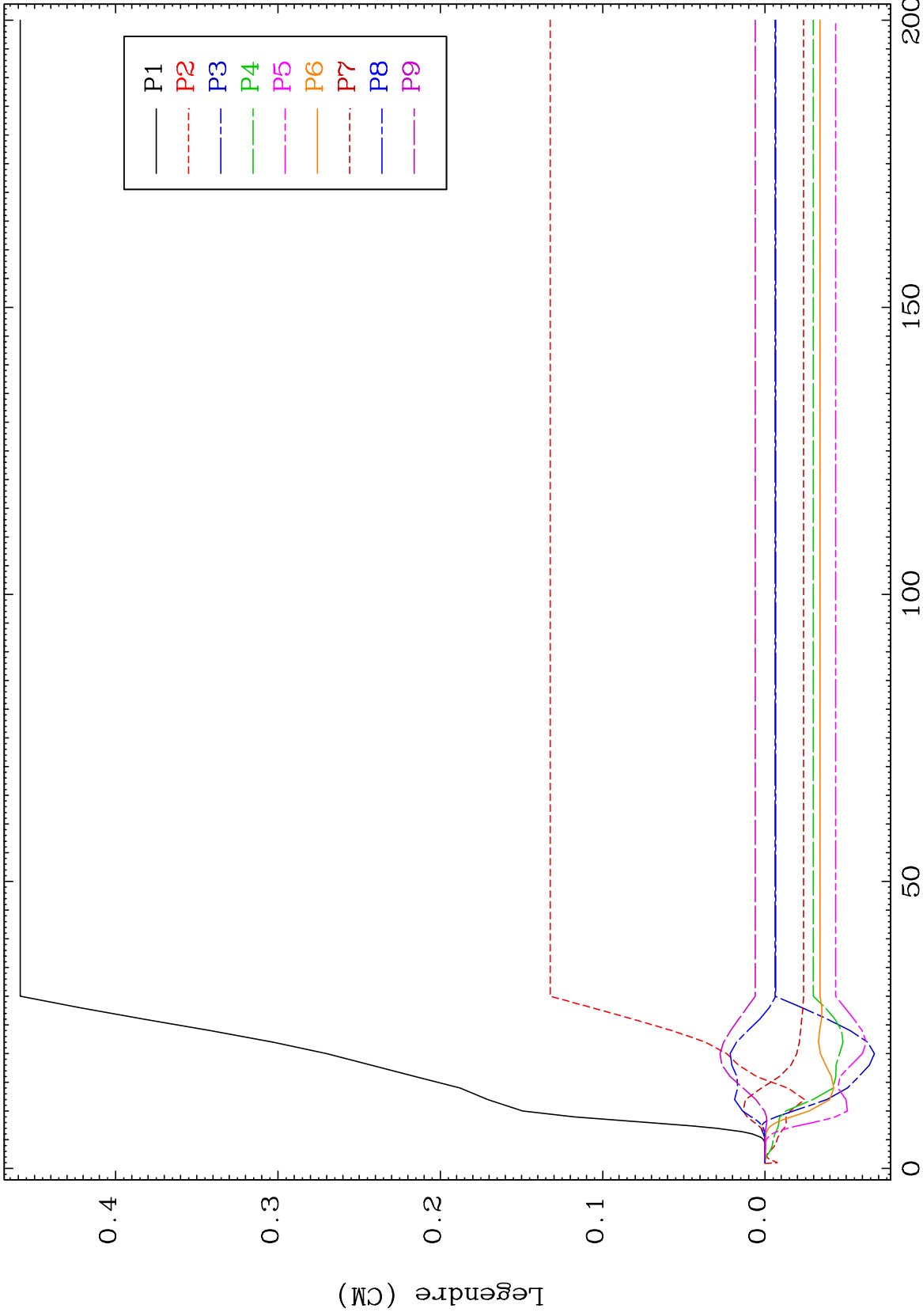


44 Incident Energy (MeV) 35-Br-81

MAT 3531

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

35-Br-81



45

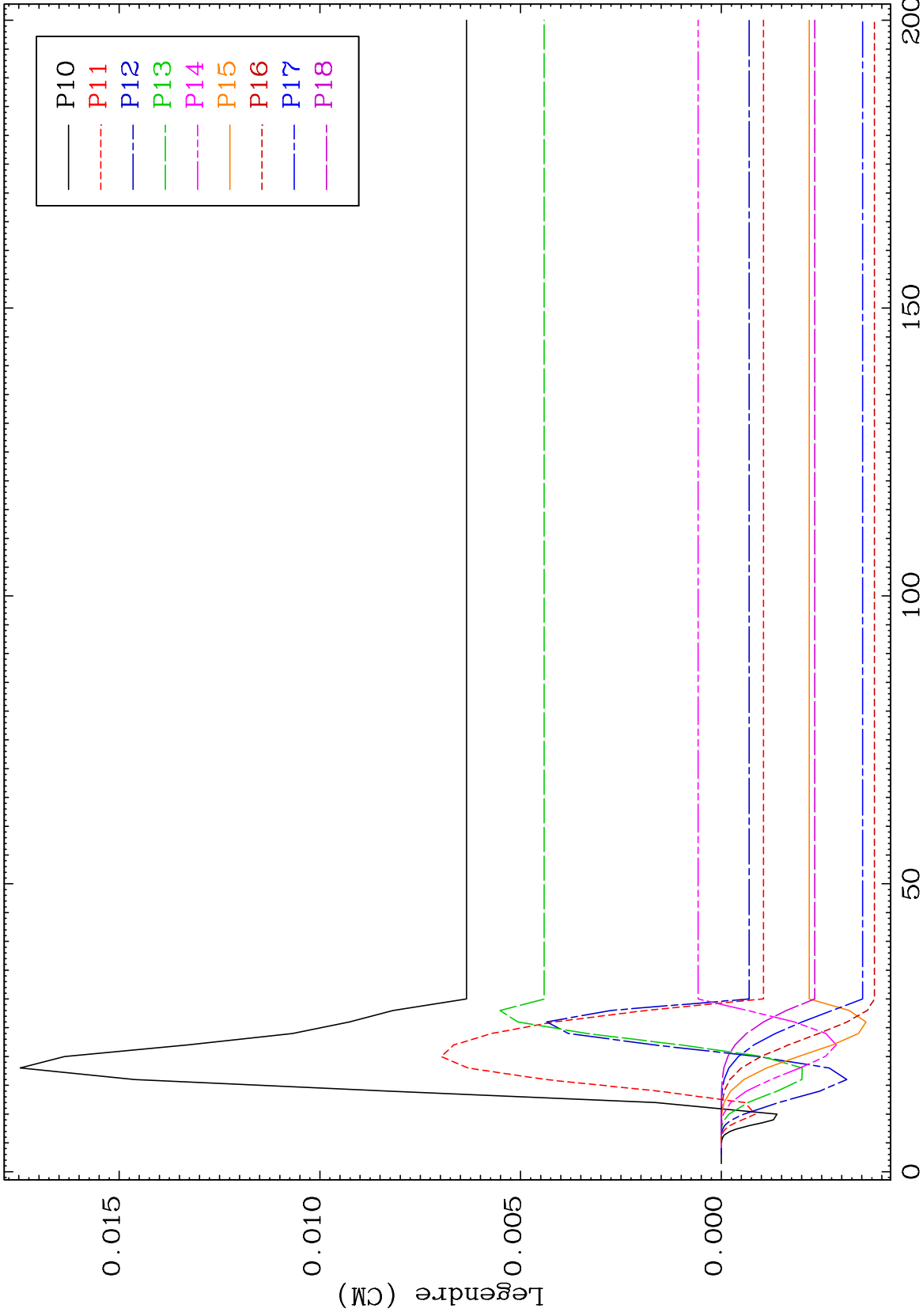
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81

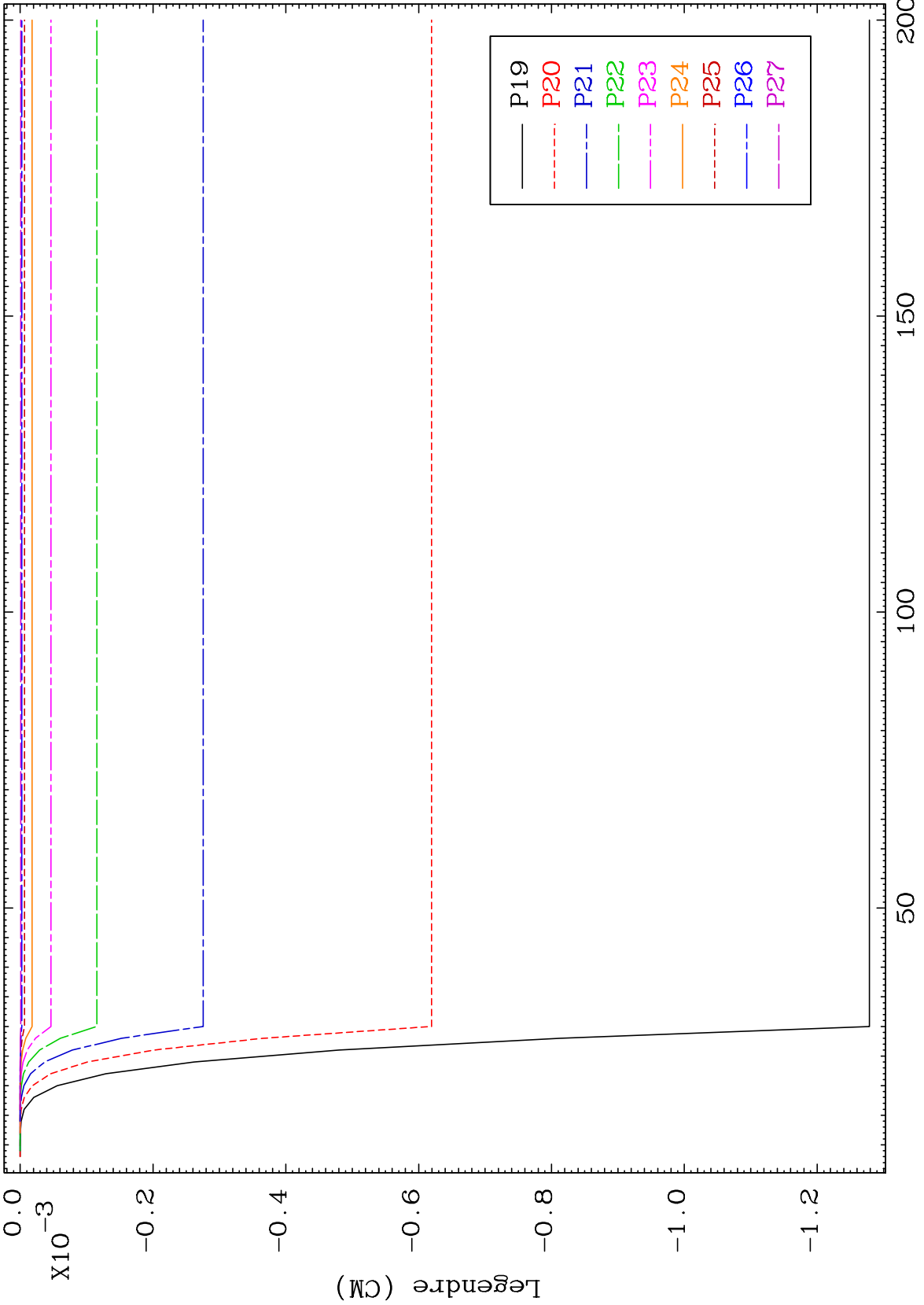


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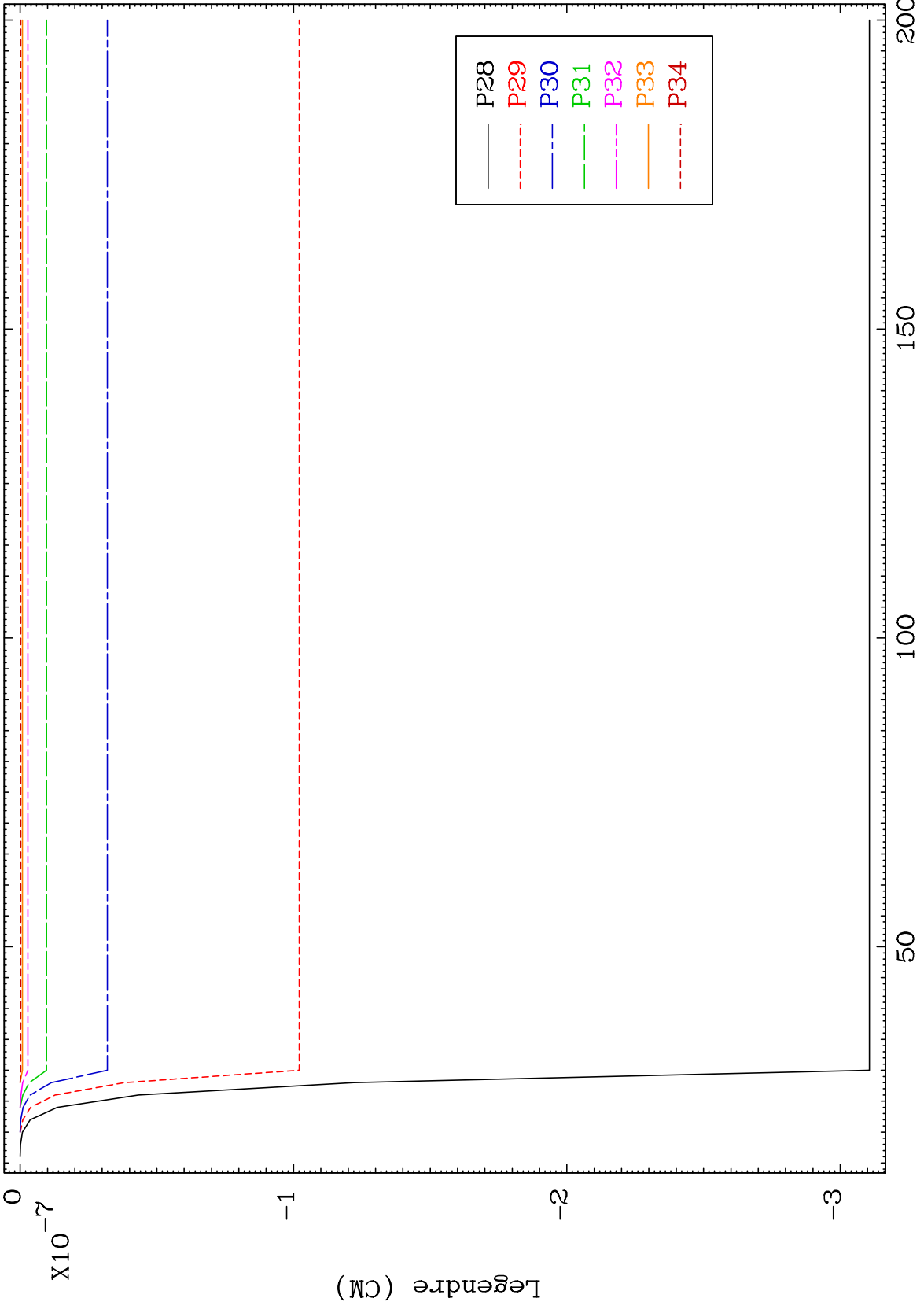
Incident Energy (MeV)

35-Br-81

MAT 3531 MT= 59 (n,n') Level Legendre Coefficients 35-Br-81

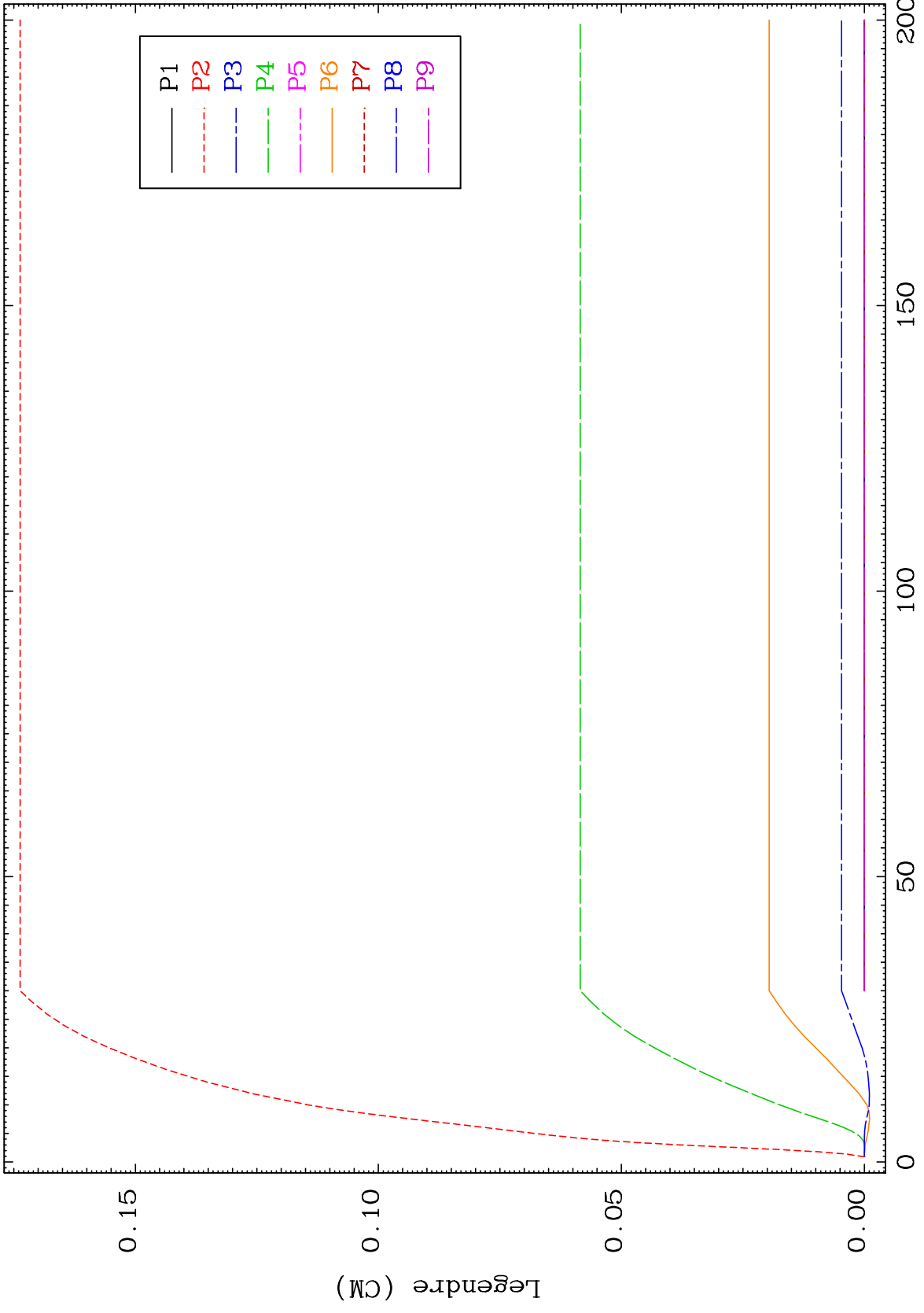


MAT 3531 MT= 59 (n,n') Level Legendre Coefficients 35-Br-81



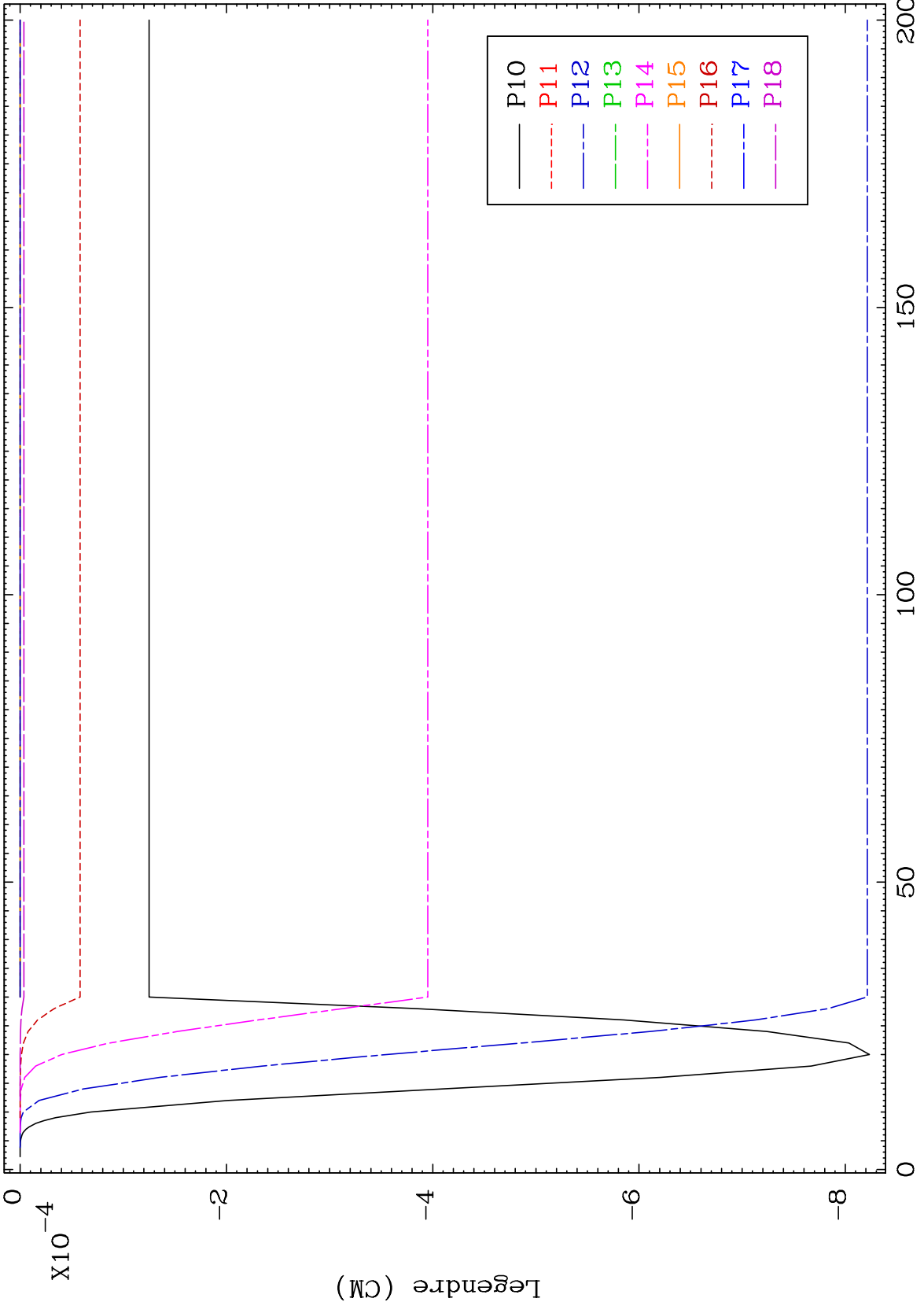
48 50 100 150 200 35-Br-81

MAT 3531 MT= 60 (n, n') Level Legendre Coefficients 35-Br-81

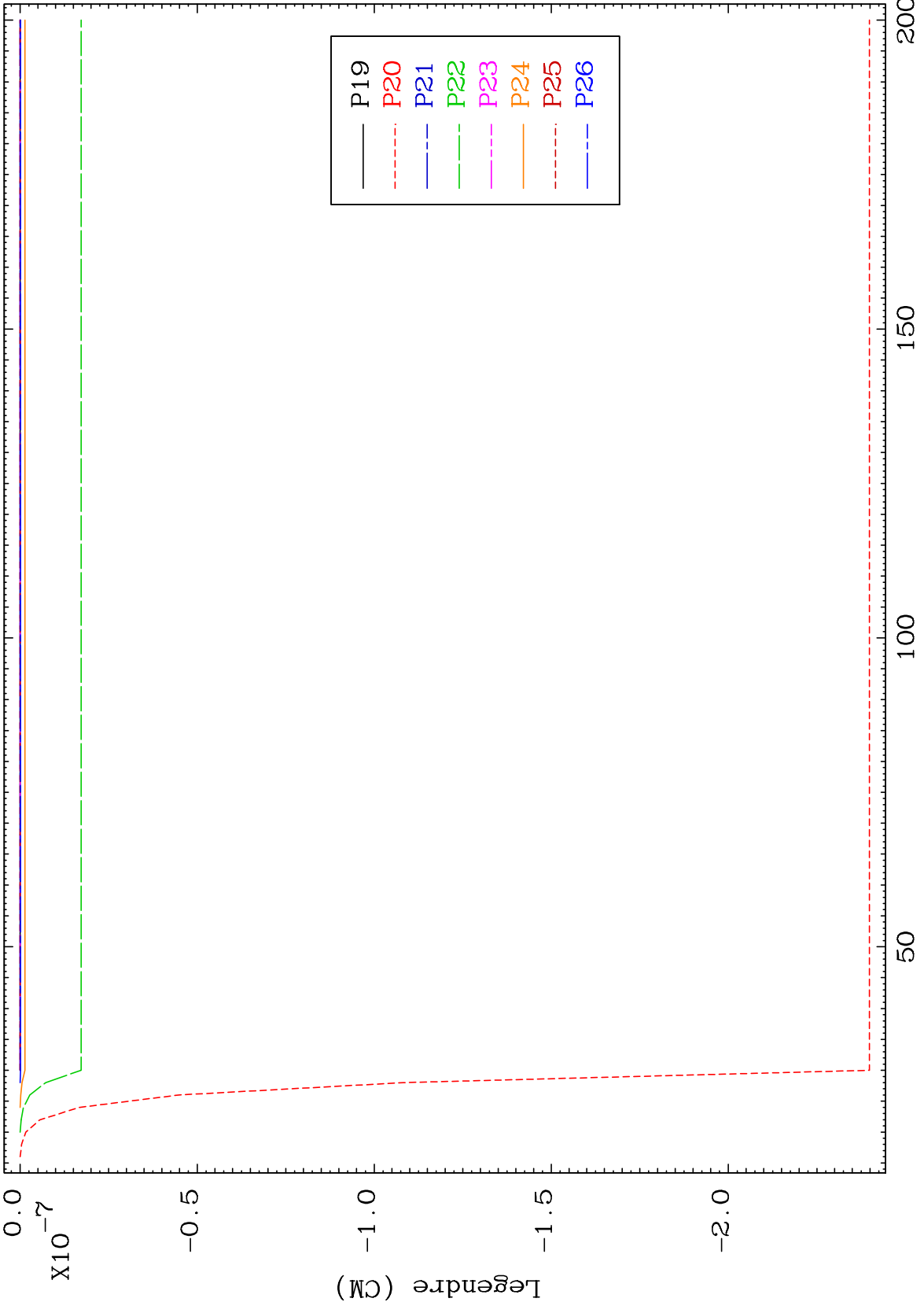


49 35-Br-81

MAT 3531 MT= 60 (n,n') Level Legendre Coefficients 35-Br-81



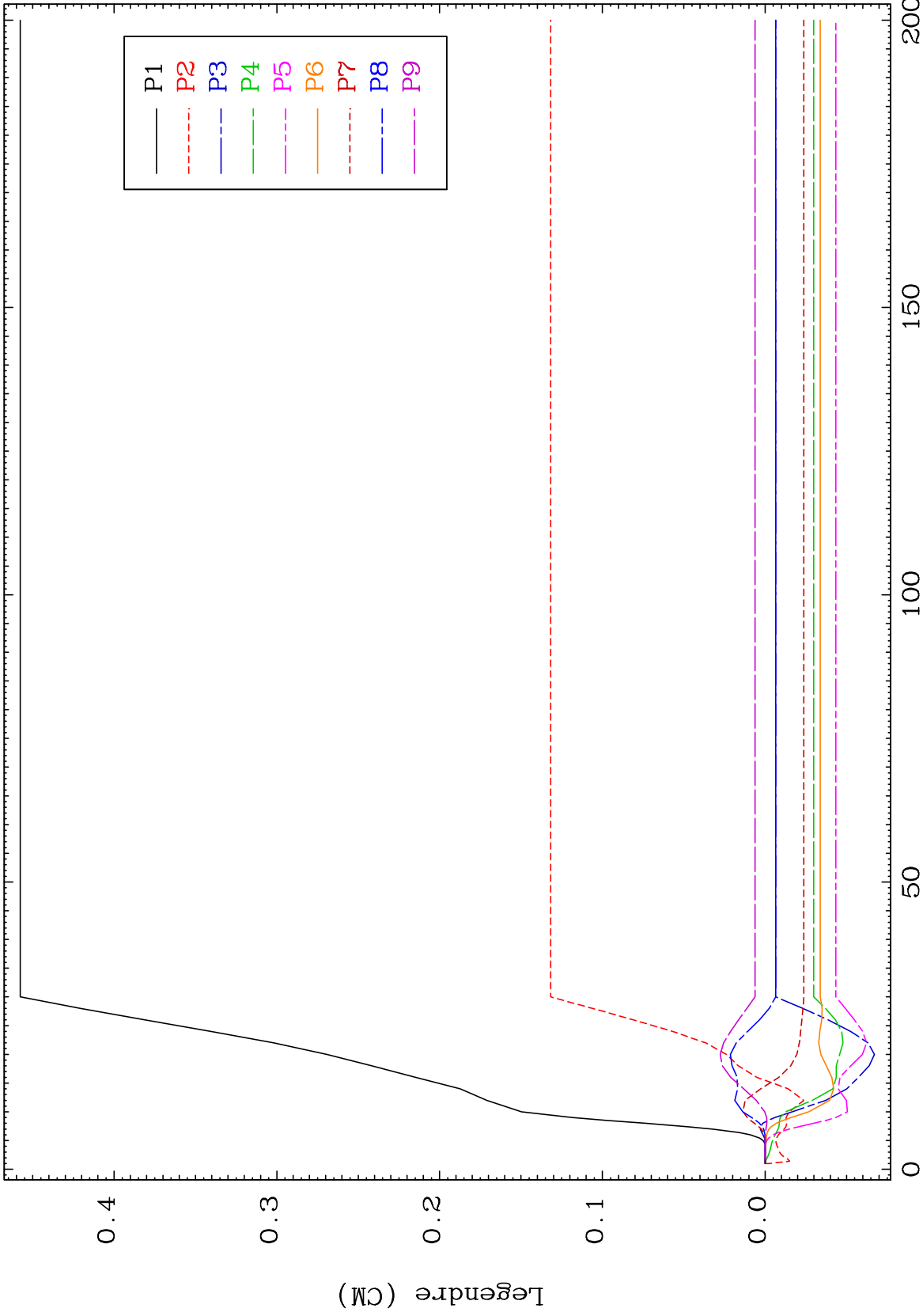
Incident Energy (MeV) 35-Br-81



MAT 3531

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

35-Br-81

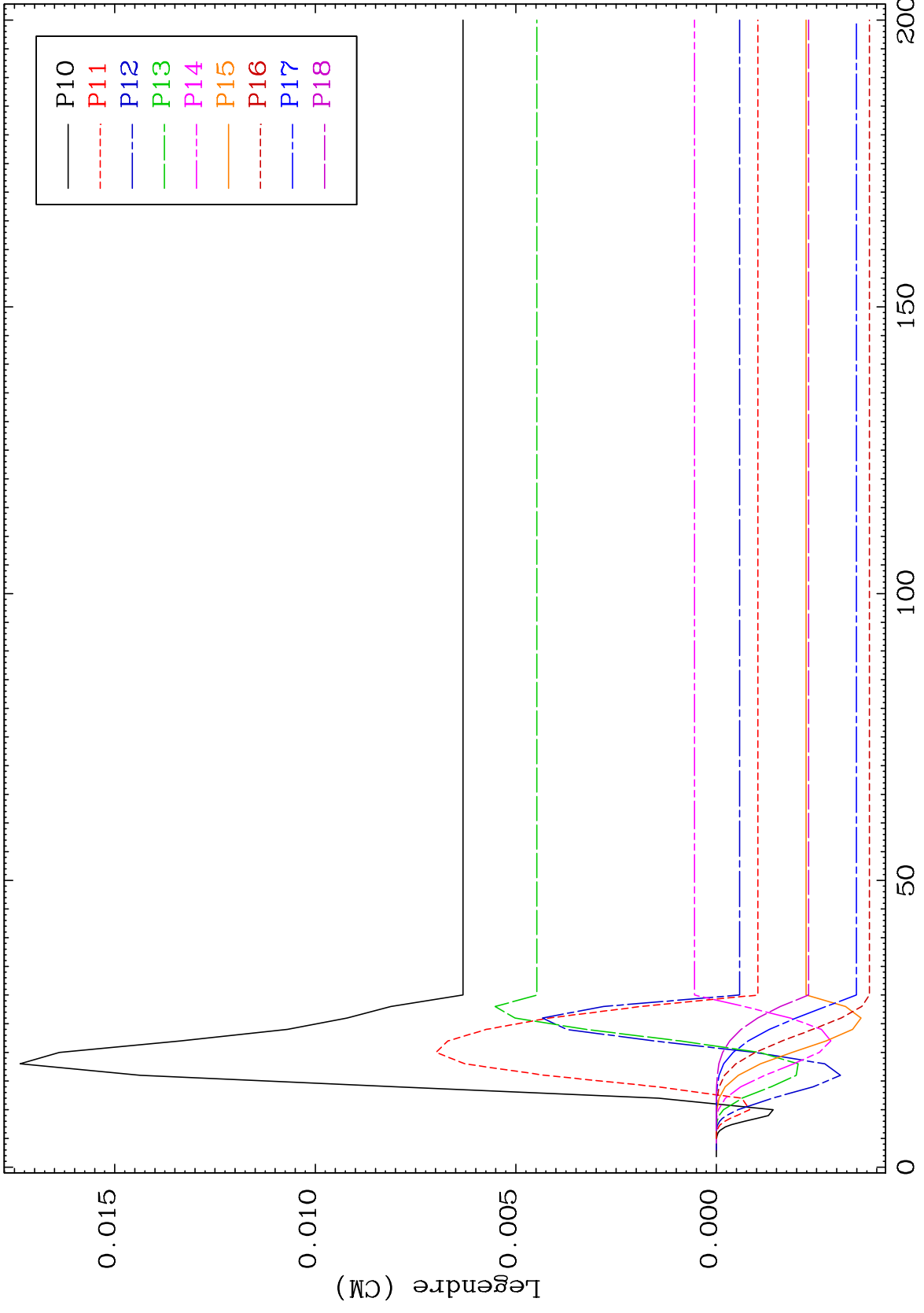


52

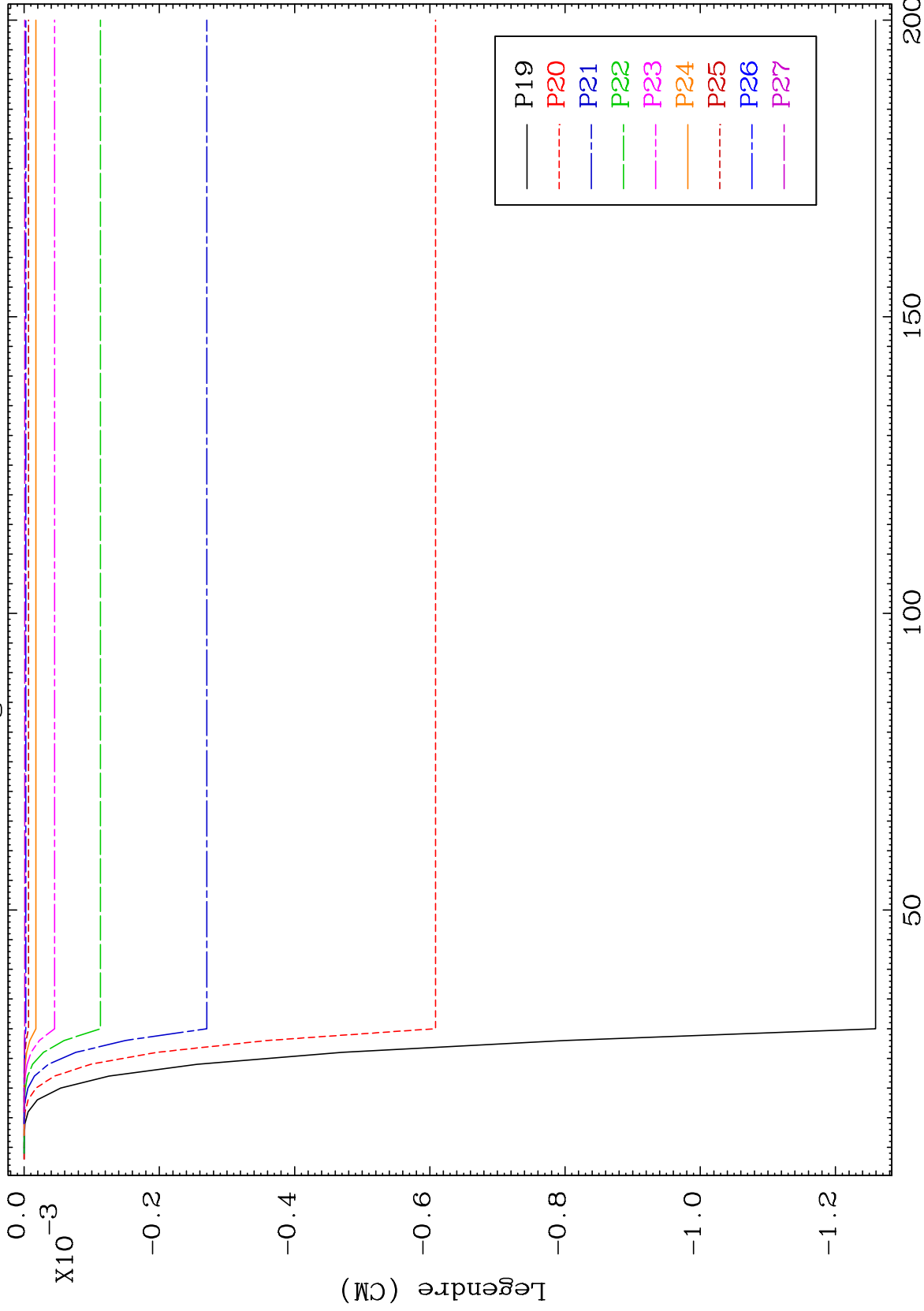
Incident Energy (MeV)

35-Br-81

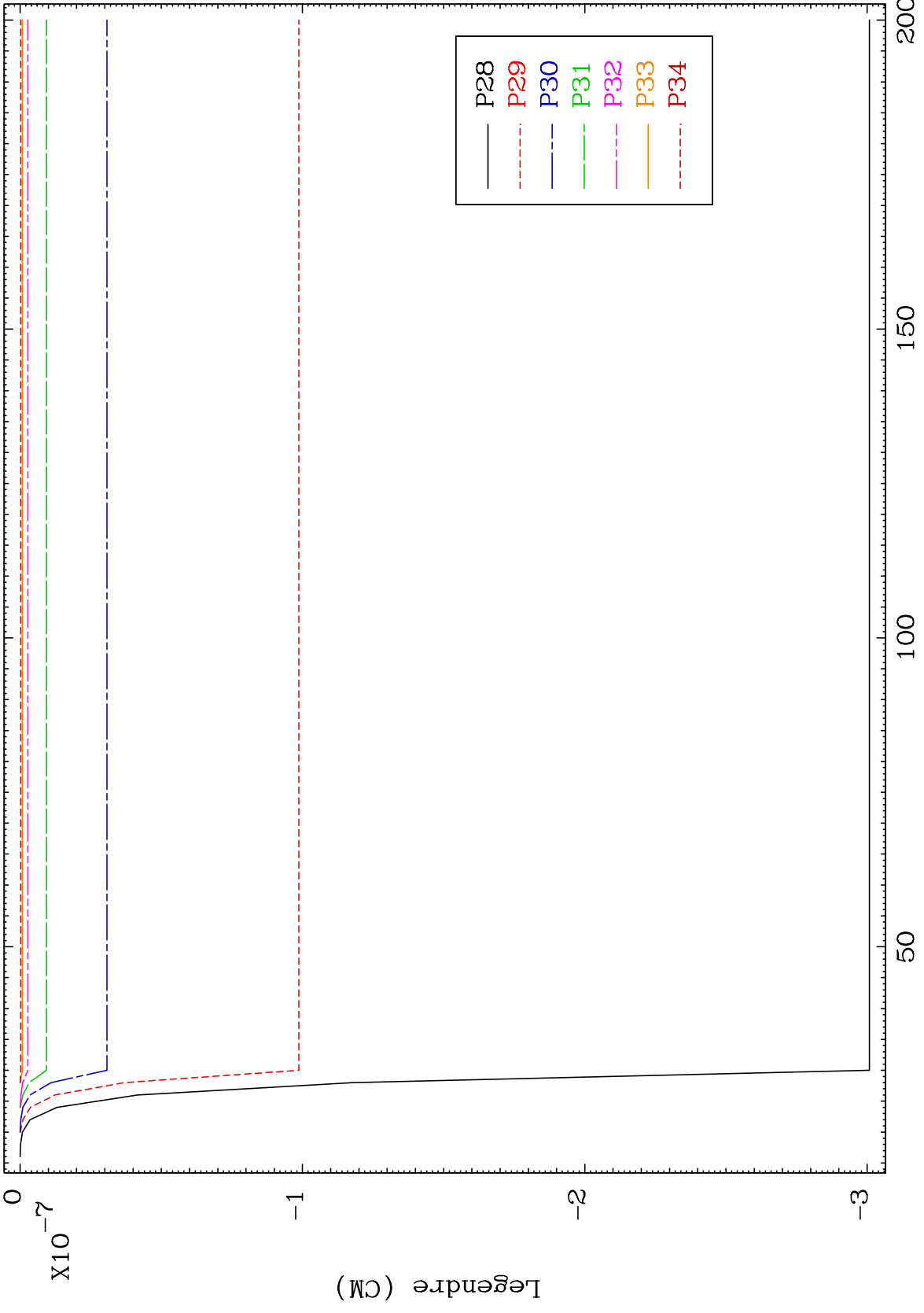
MAT 3531 MT= 61 (n,n') Level Legendre Coefficients 35-Br-81



53 35-Br-81



MAT 3531 MT= 61 (n,n') Level Legendre Coefficients 35-Br-81

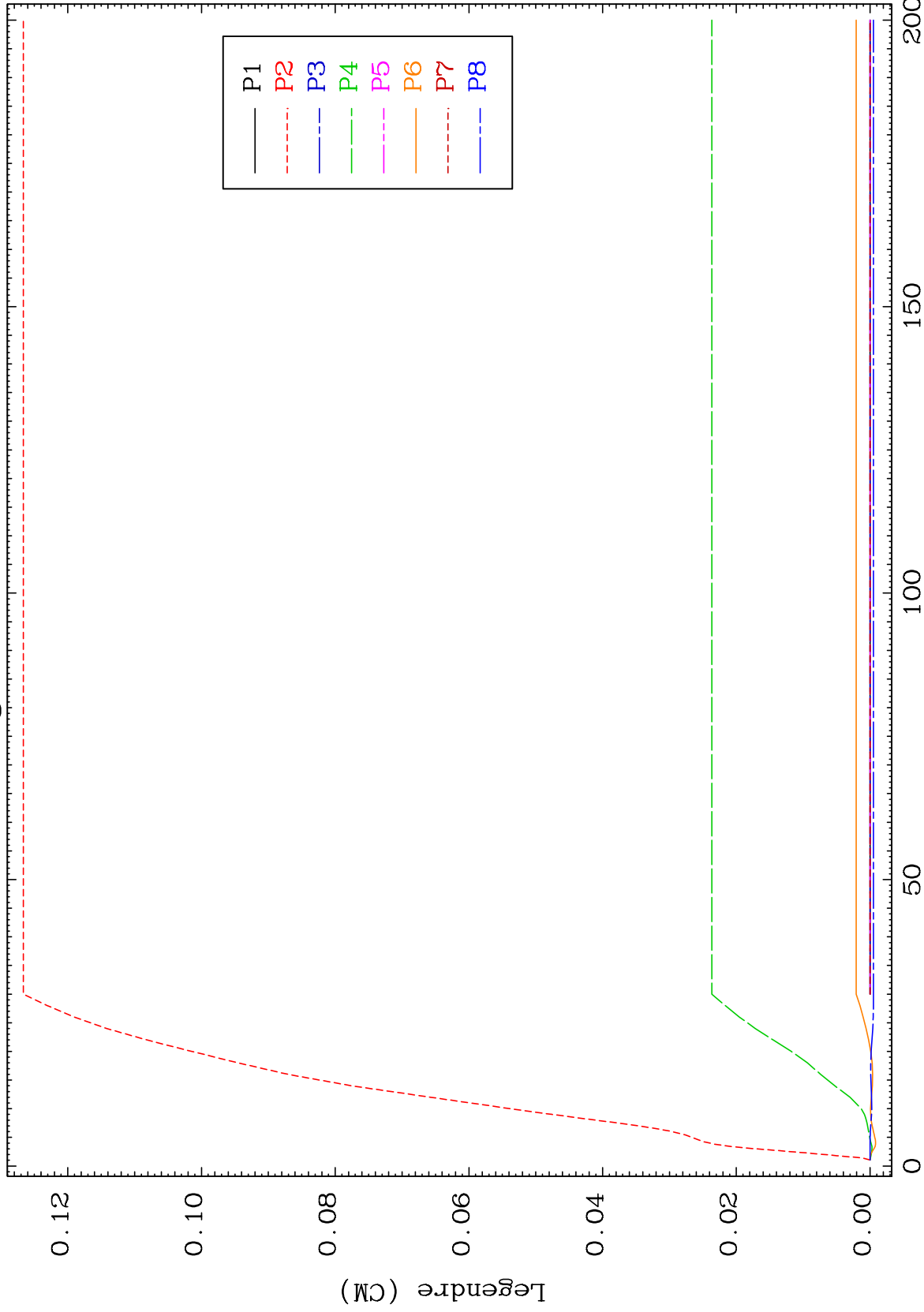


55 Incident Energy (MeV) 200 35-Br-81

MAT 3531

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

35-Br-81

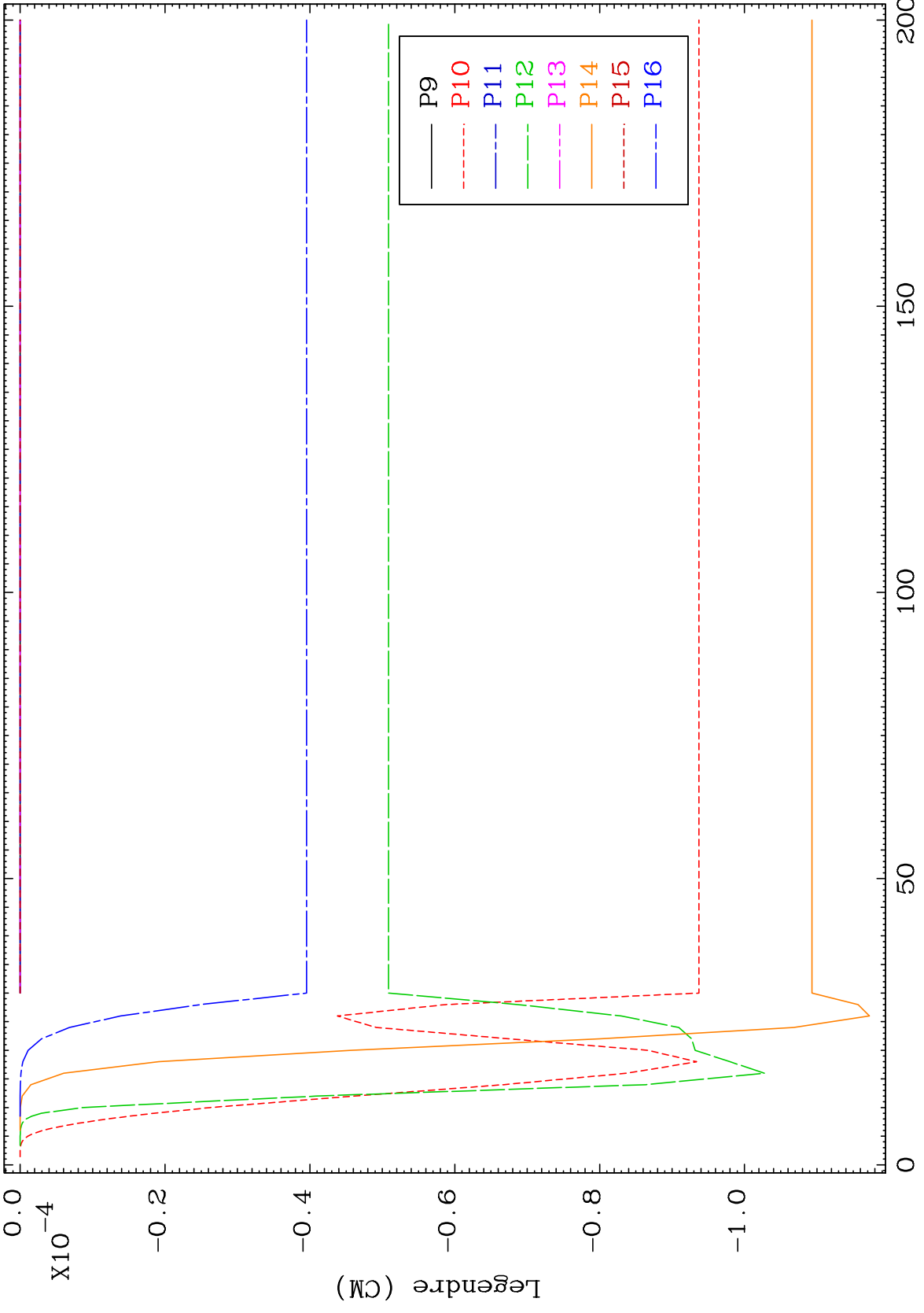


56

Incident Energy (MeV)

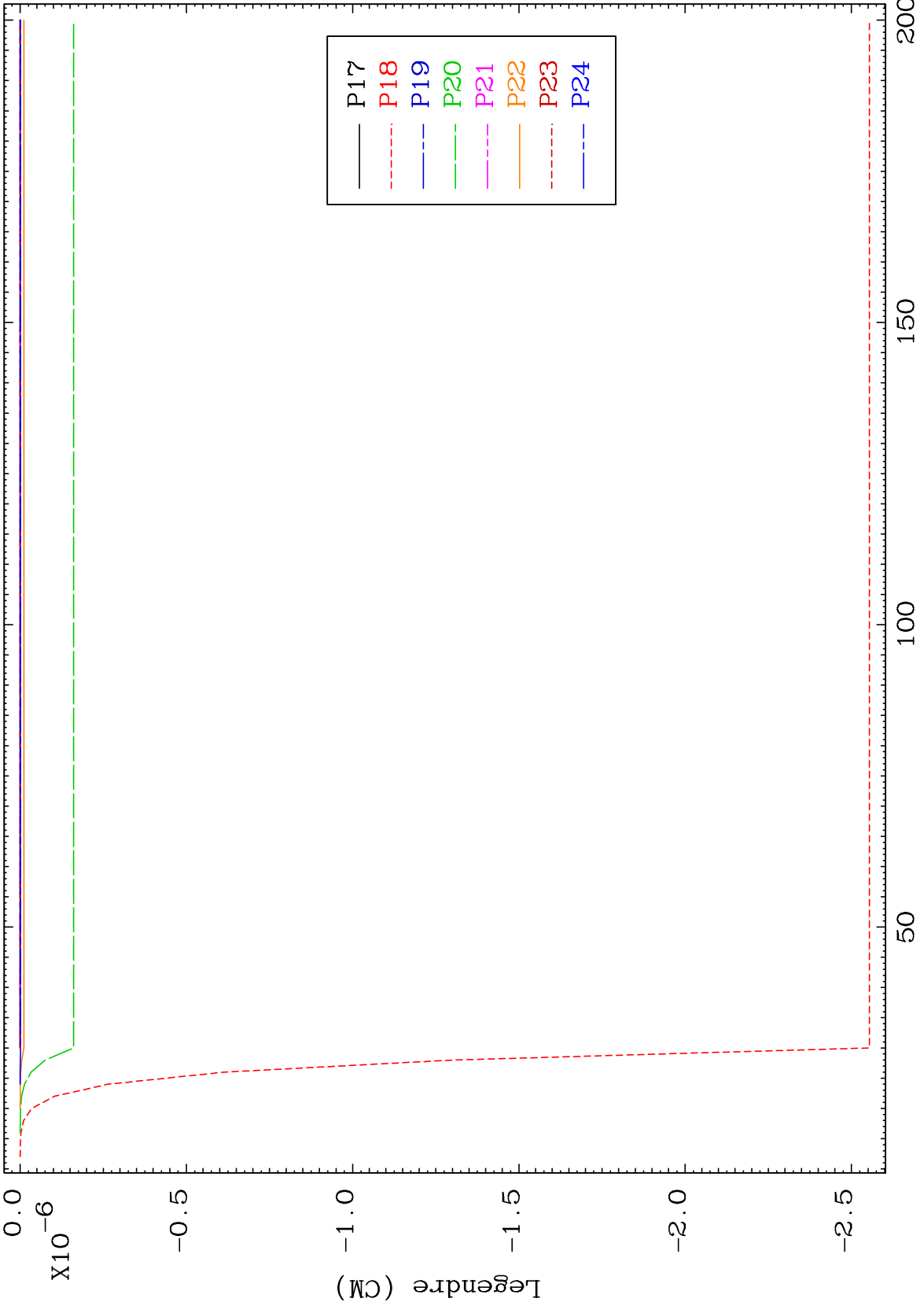
35-Br-81

MAT 3531 MT= 62 (n,n') Level Legendre Coefficients 35-Br-81



57 35-Br-81

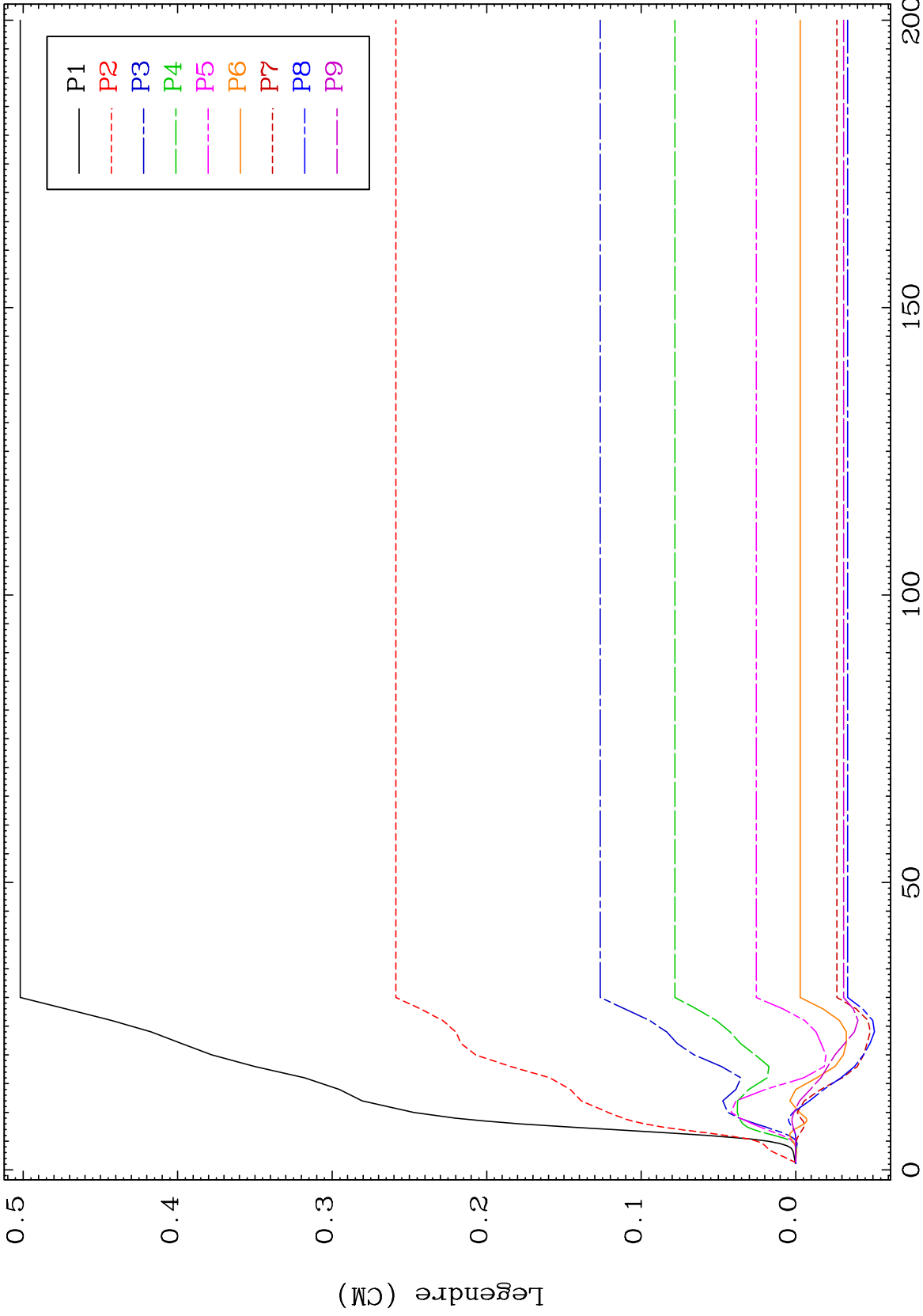
MAT 3531 MT= 62 (n,n') Level Legendre Coefficients 35-Br-81



MAT 3531

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

35-Br-81



59

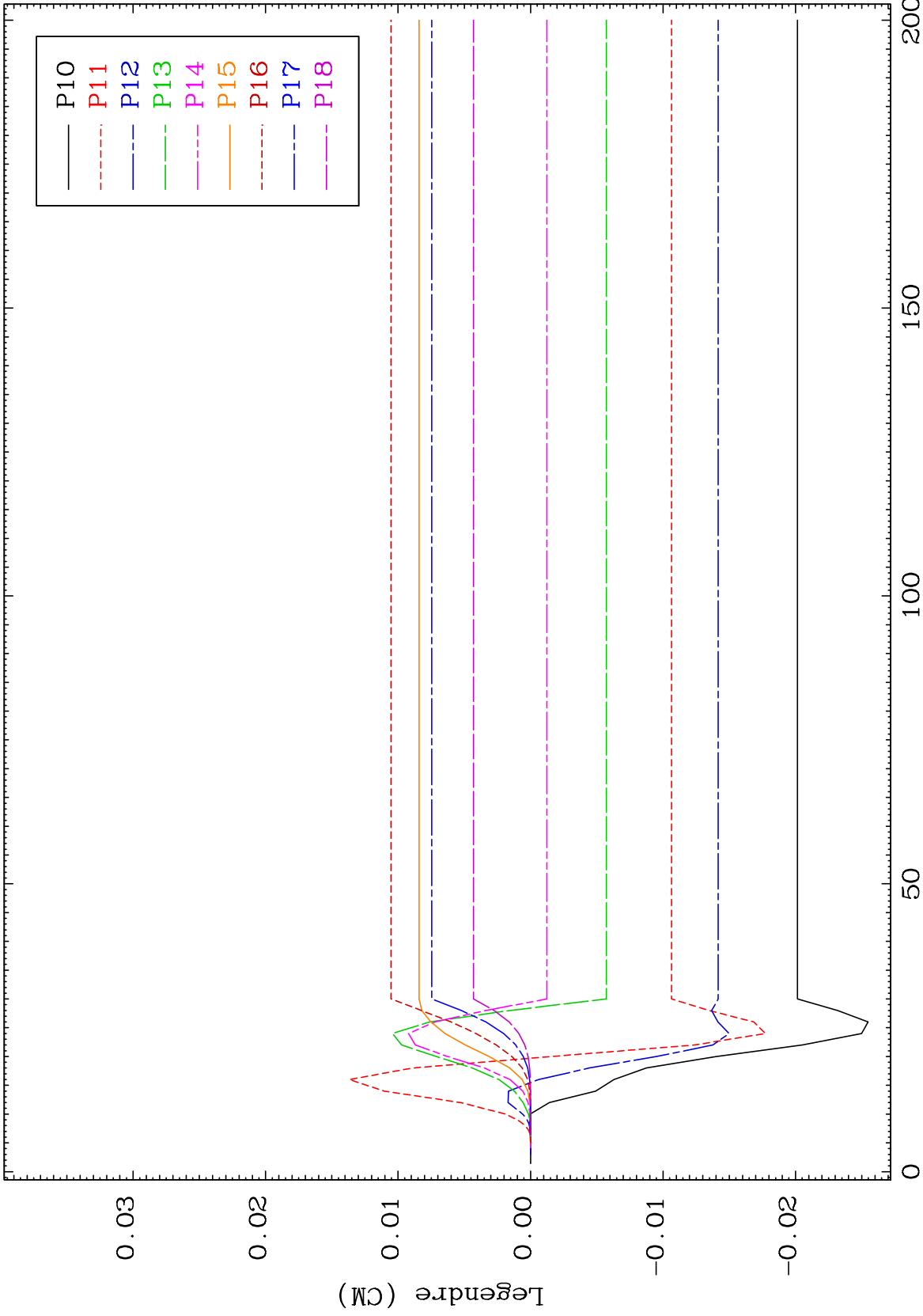
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



60

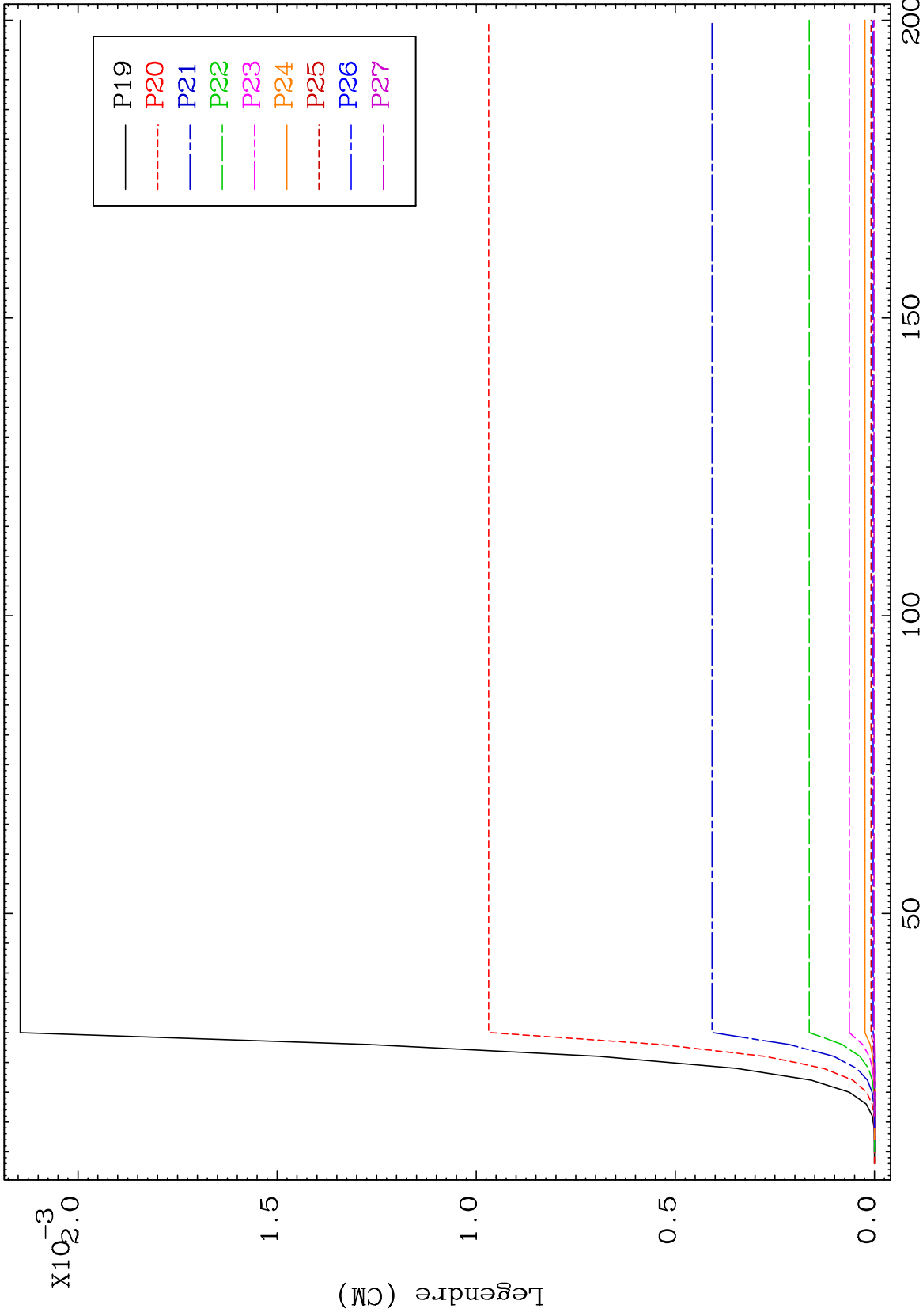
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



61

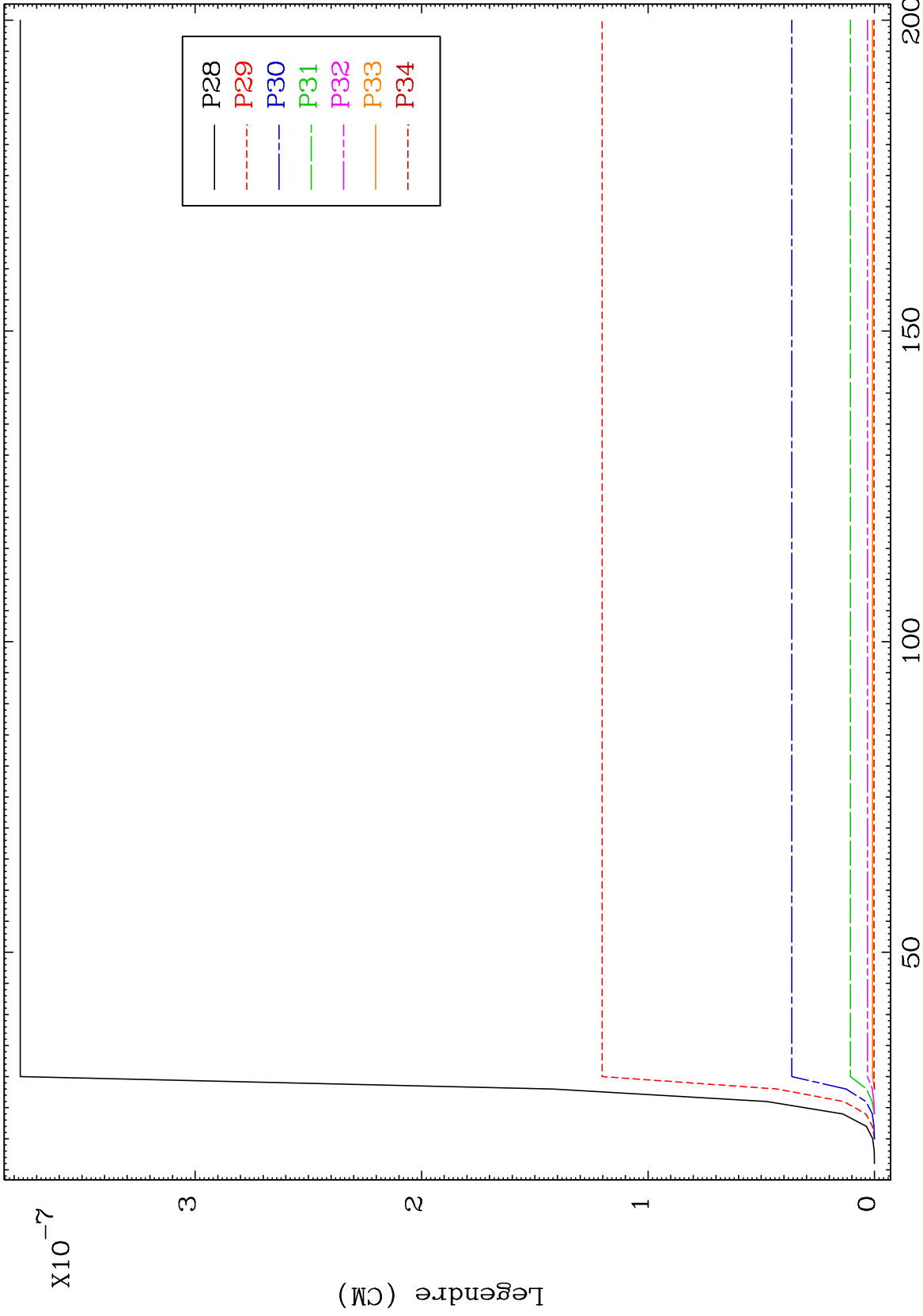
Incident Energy (MeV)

35-Br-81

MAT 3531

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

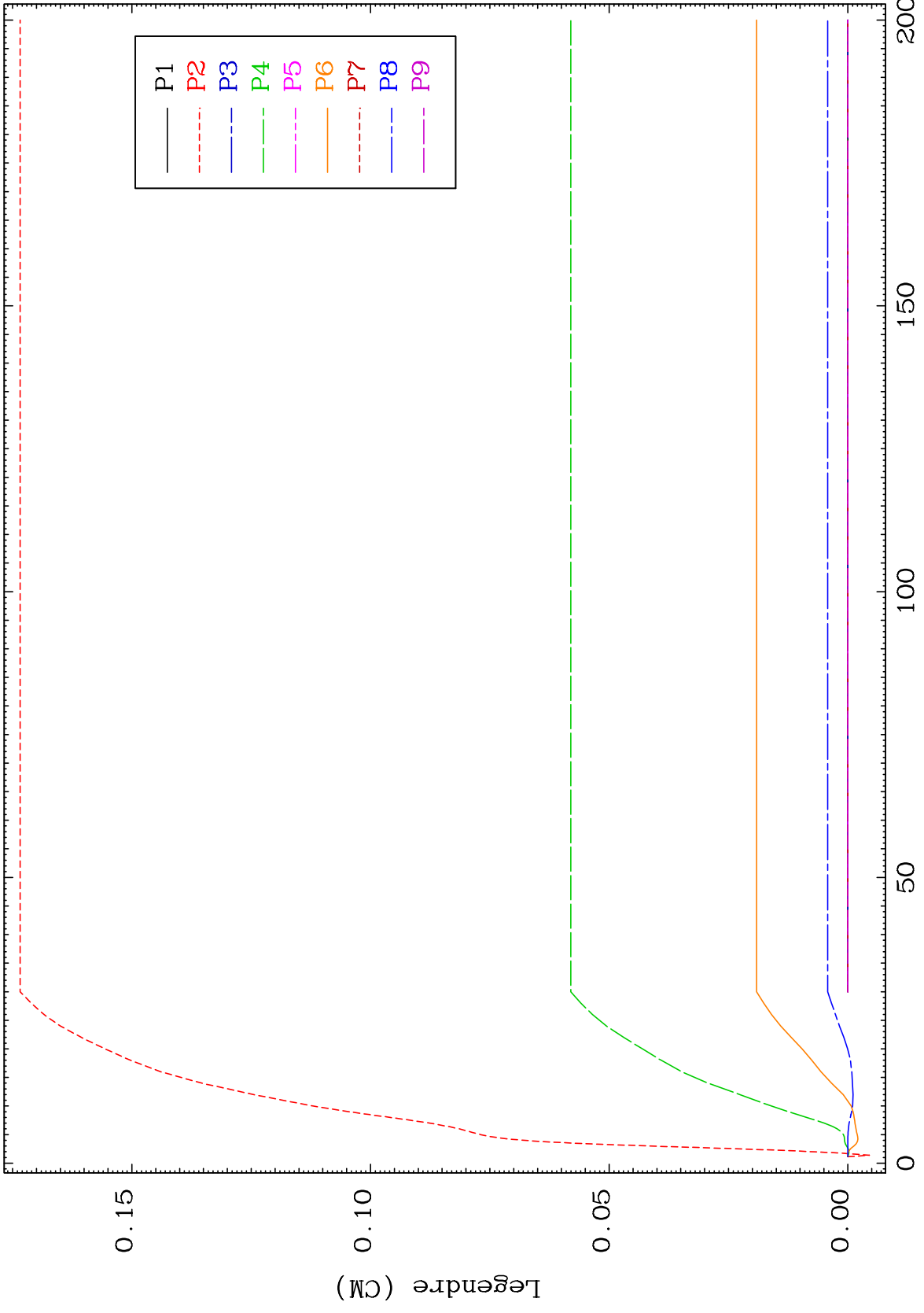
35-Br-81



62

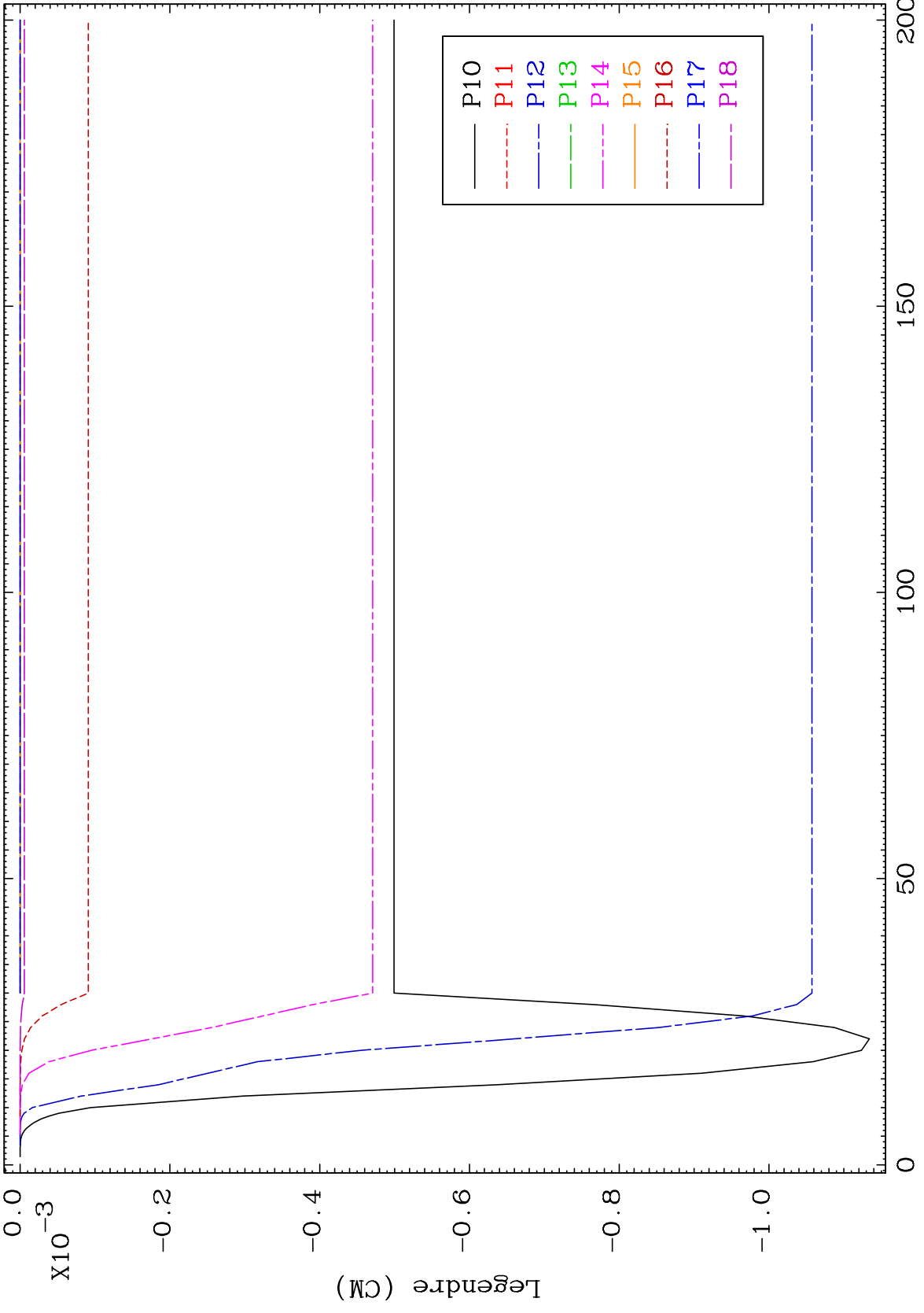
35-Br-81

MAT 3531 MT= 64 (n,n') Level Legendre Coefficients 35-Br-81



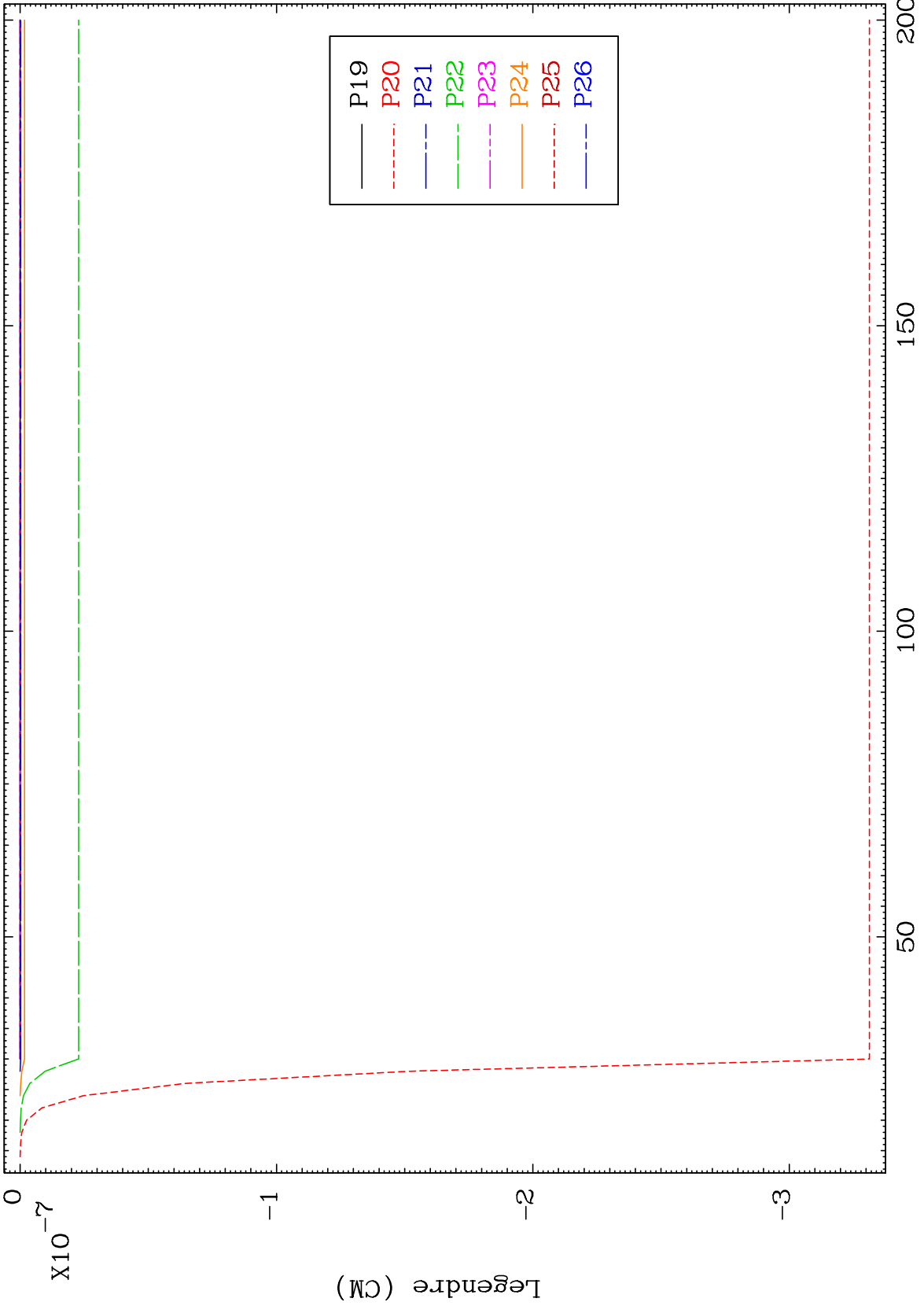
63 35-Br-81

MAT 3531 MT= 64 (n,n') Level Legendre Coefficients 35-Br-81



64 Incident Energy (MeV) 35-Br-81

MAT 3531 MT= 64 (n,n') Level Legendre Coefficients 35-Br-81

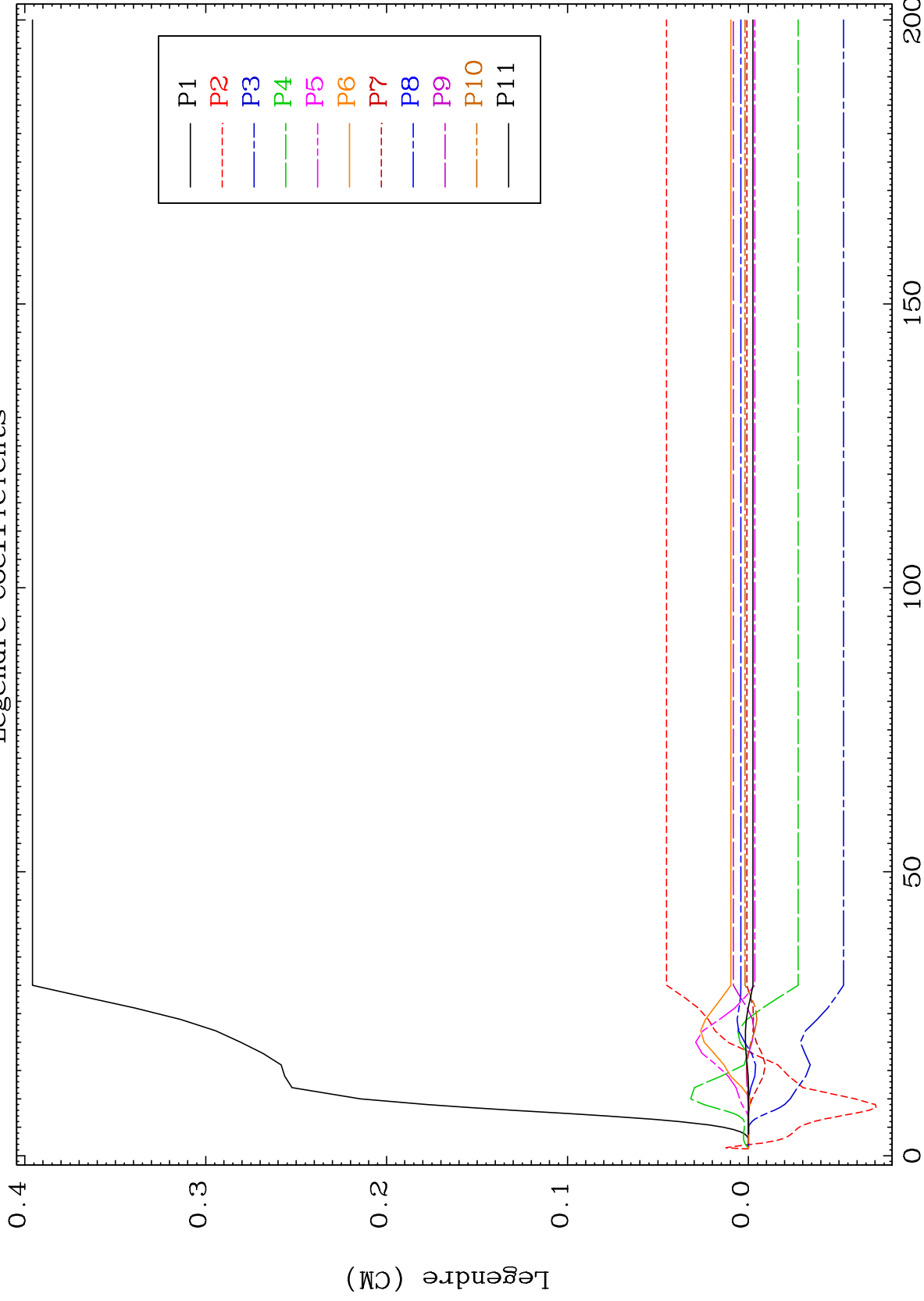


65 35-Br-81

MAT 3531

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

35-Br-81



66

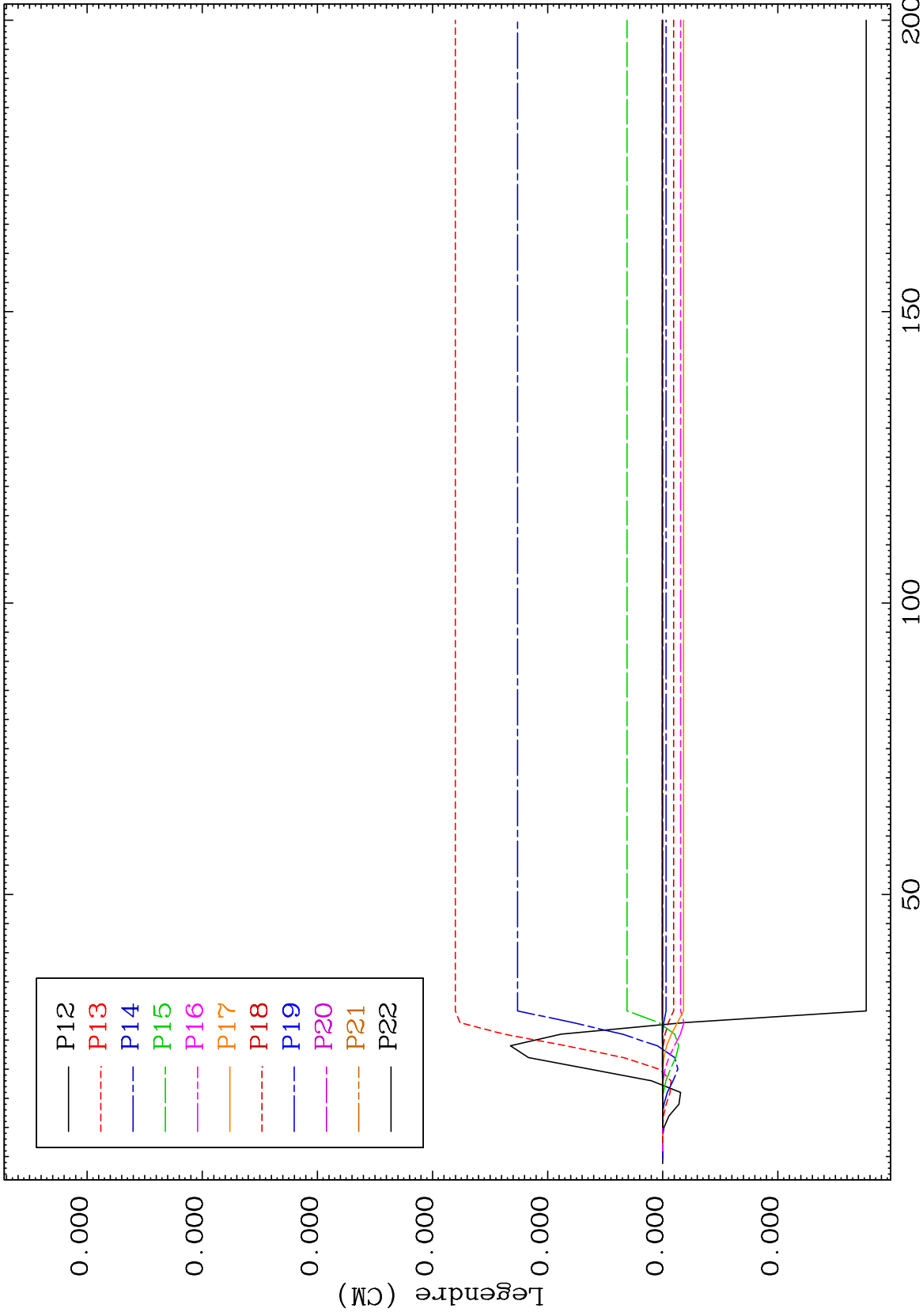
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



67

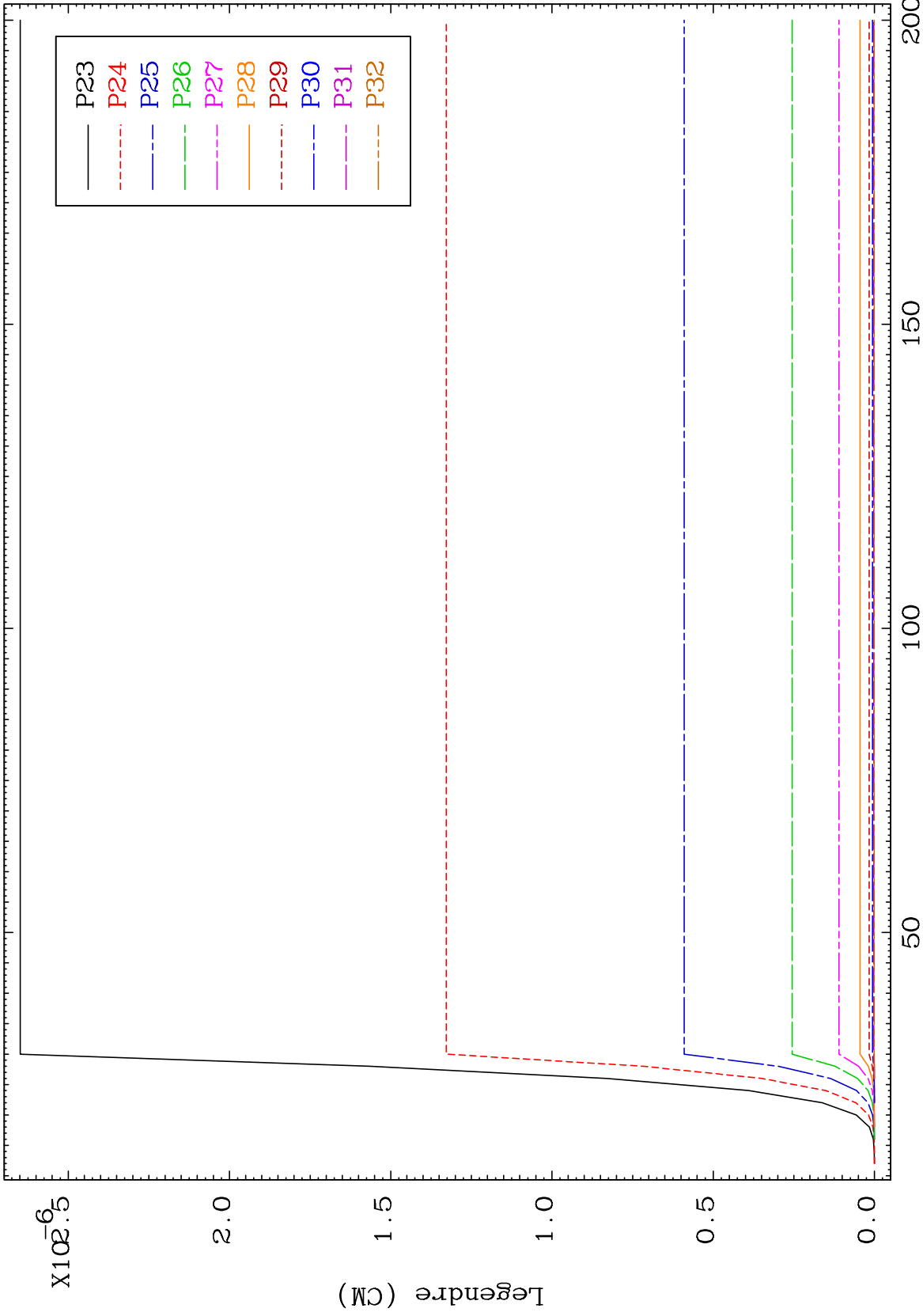
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81

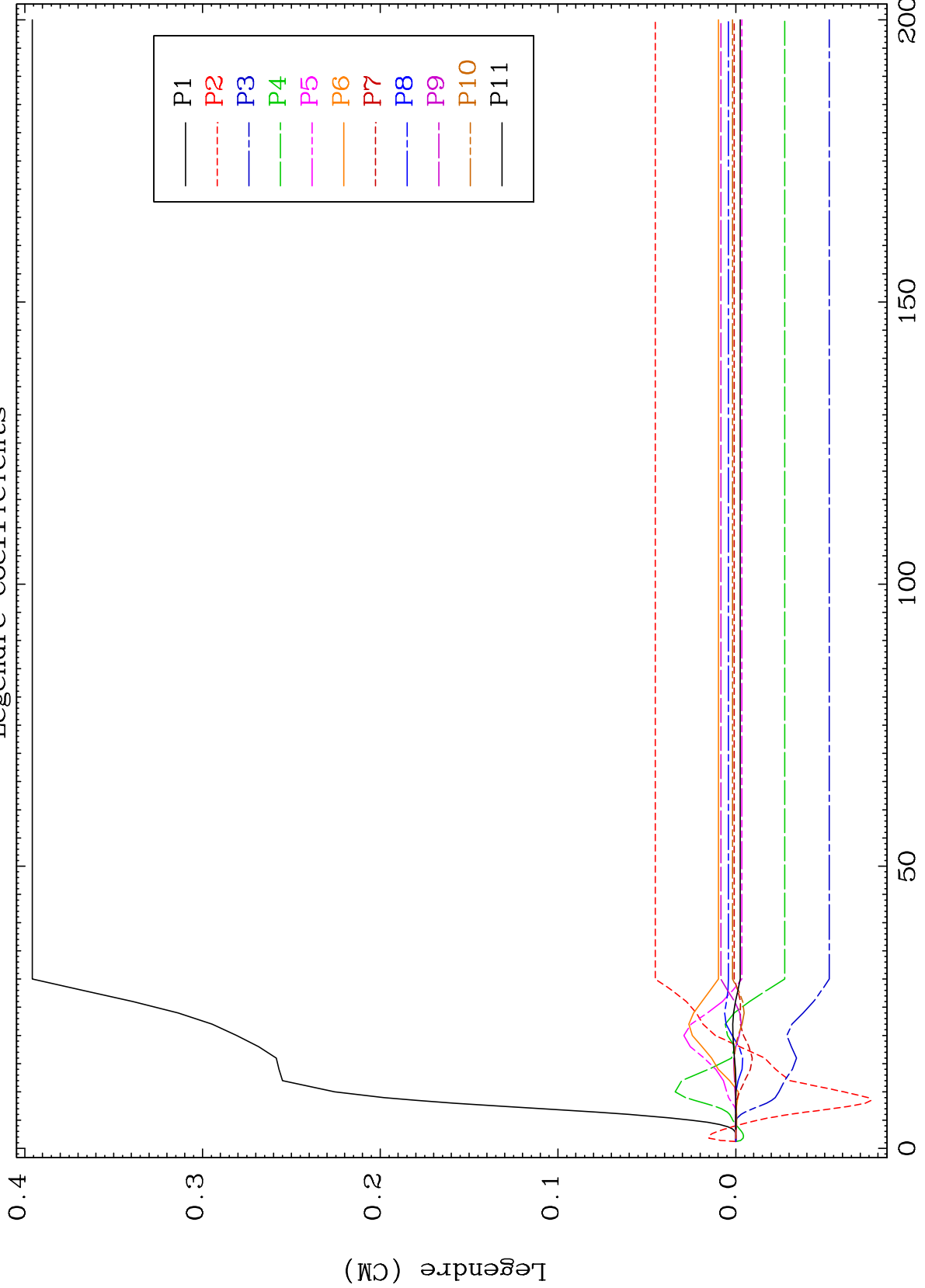


68

Incident Energy (MeV)

35-Br-81

MAT 3531 MT= 66 (n,n') Level Legendre Coefficients 35-Br-81



35-Br-81

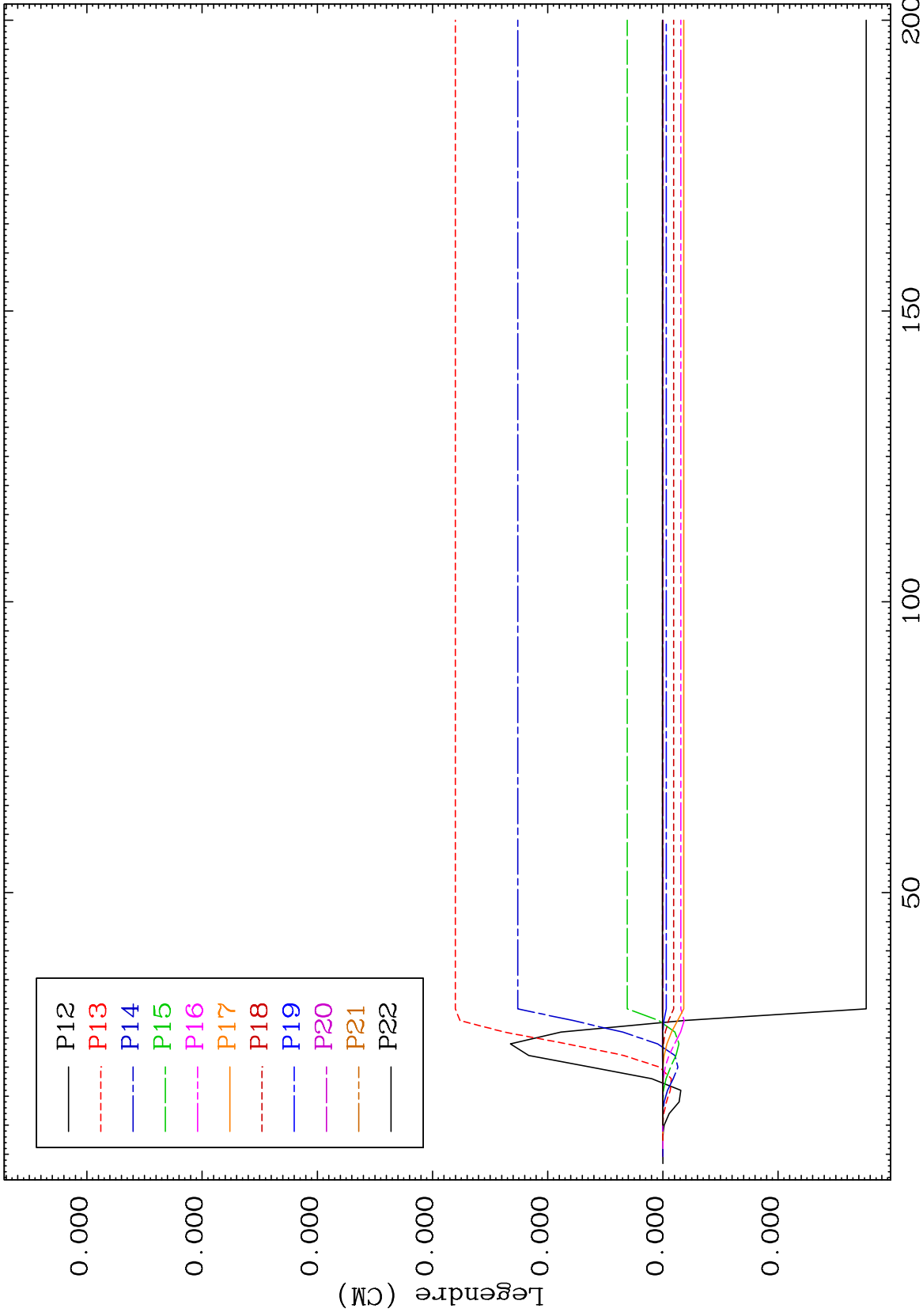
Incident Energy (MeV)

69

MAT 3531

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

35-Br-81



70

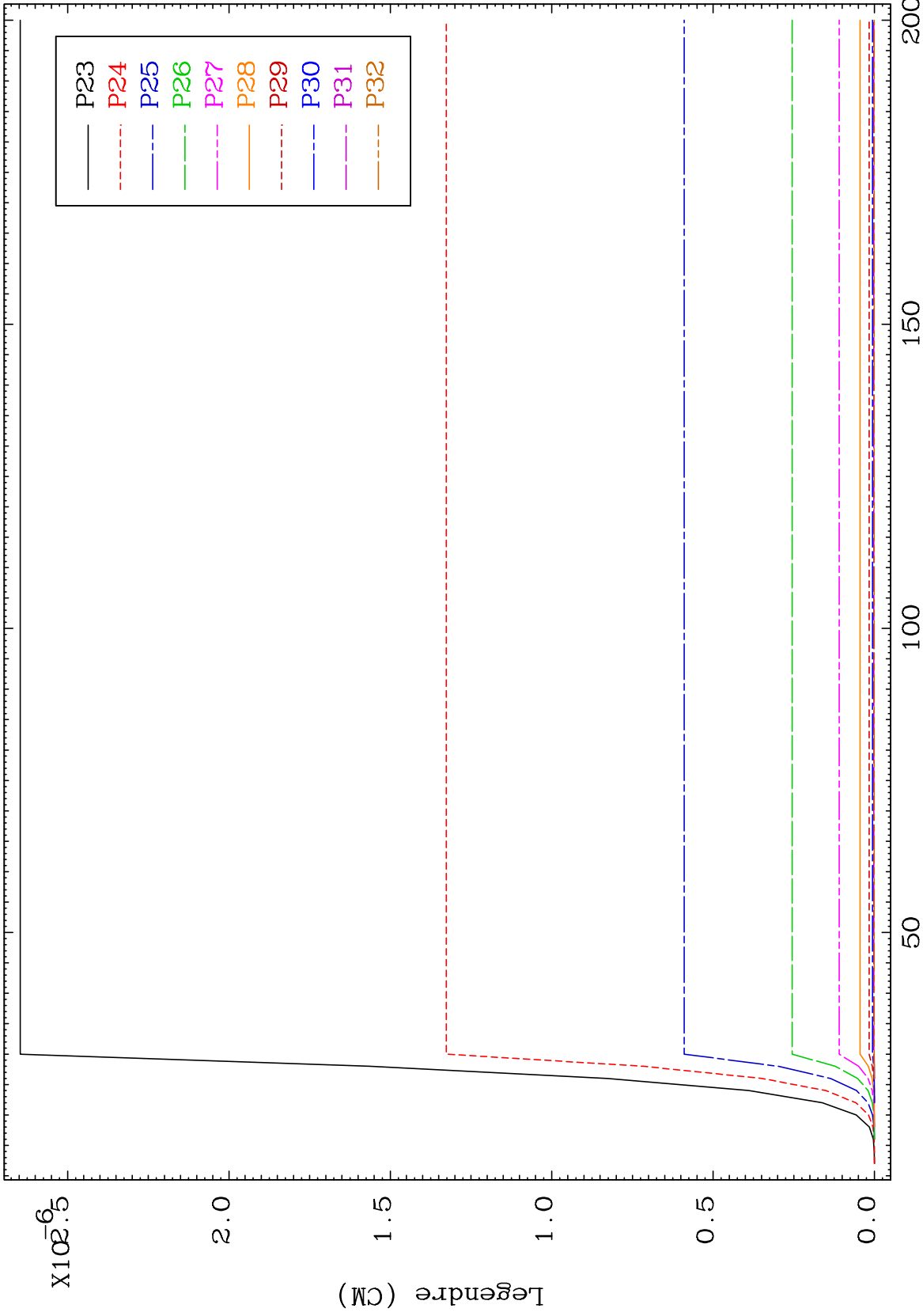
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



71

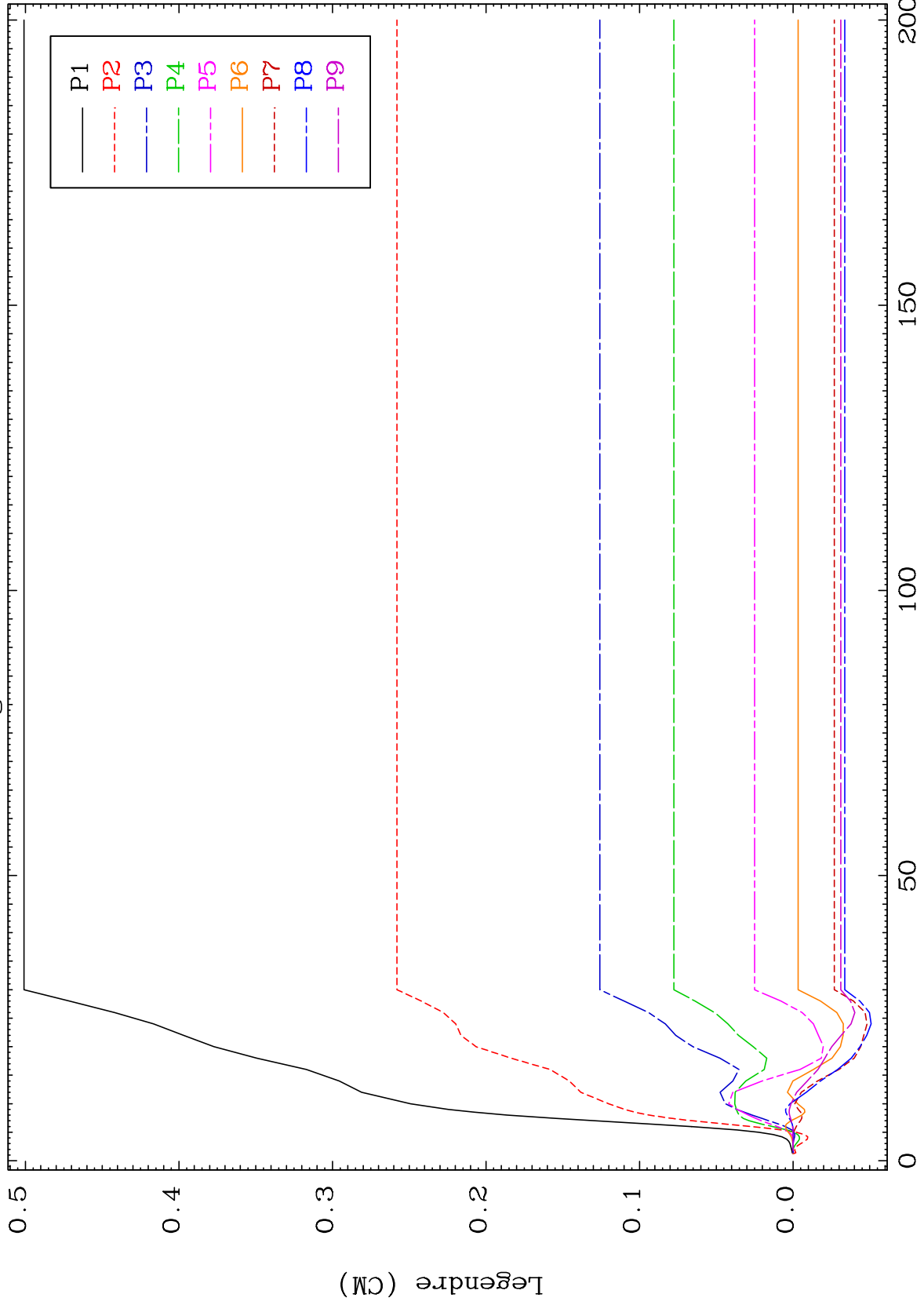
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



72

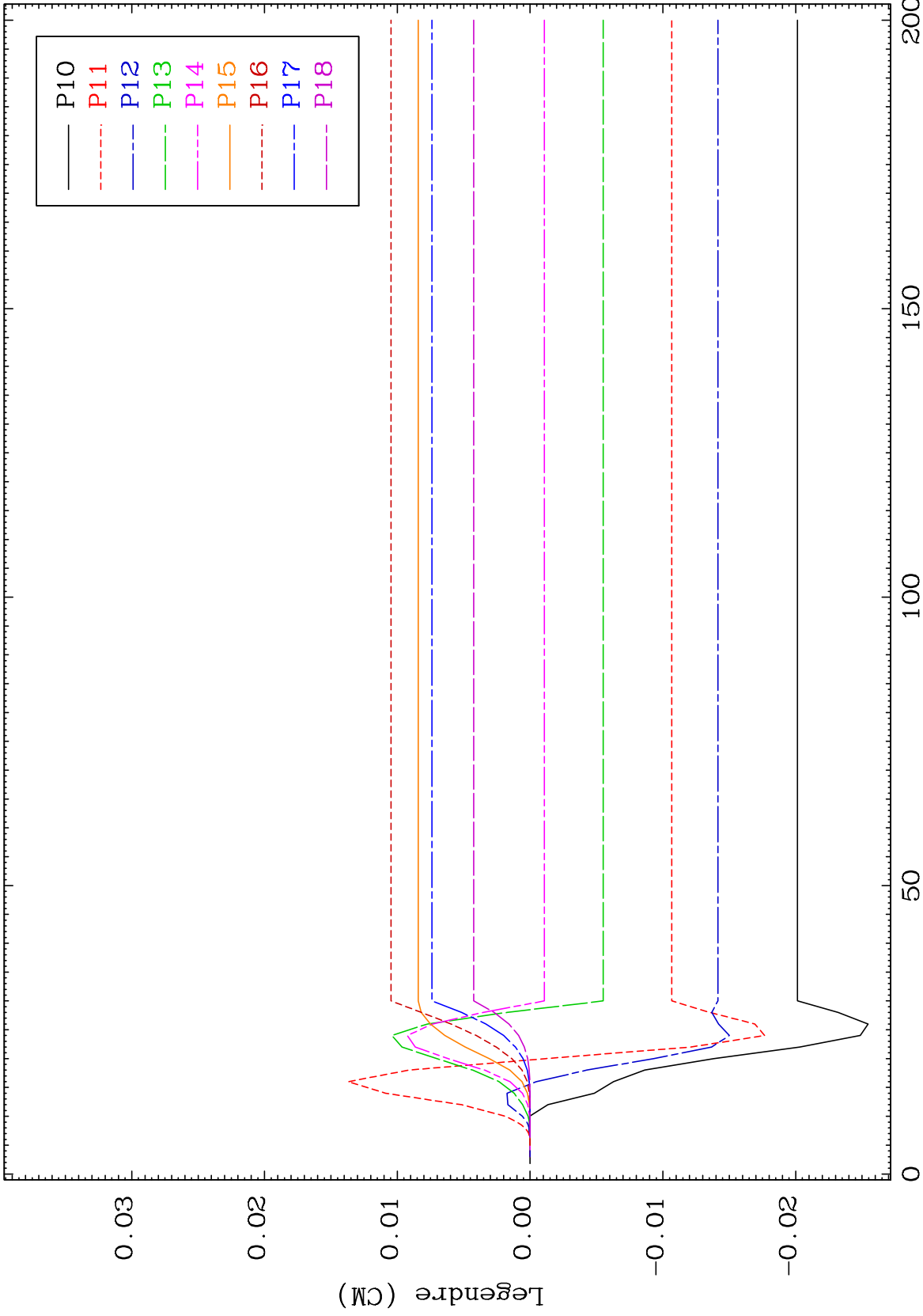
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



73

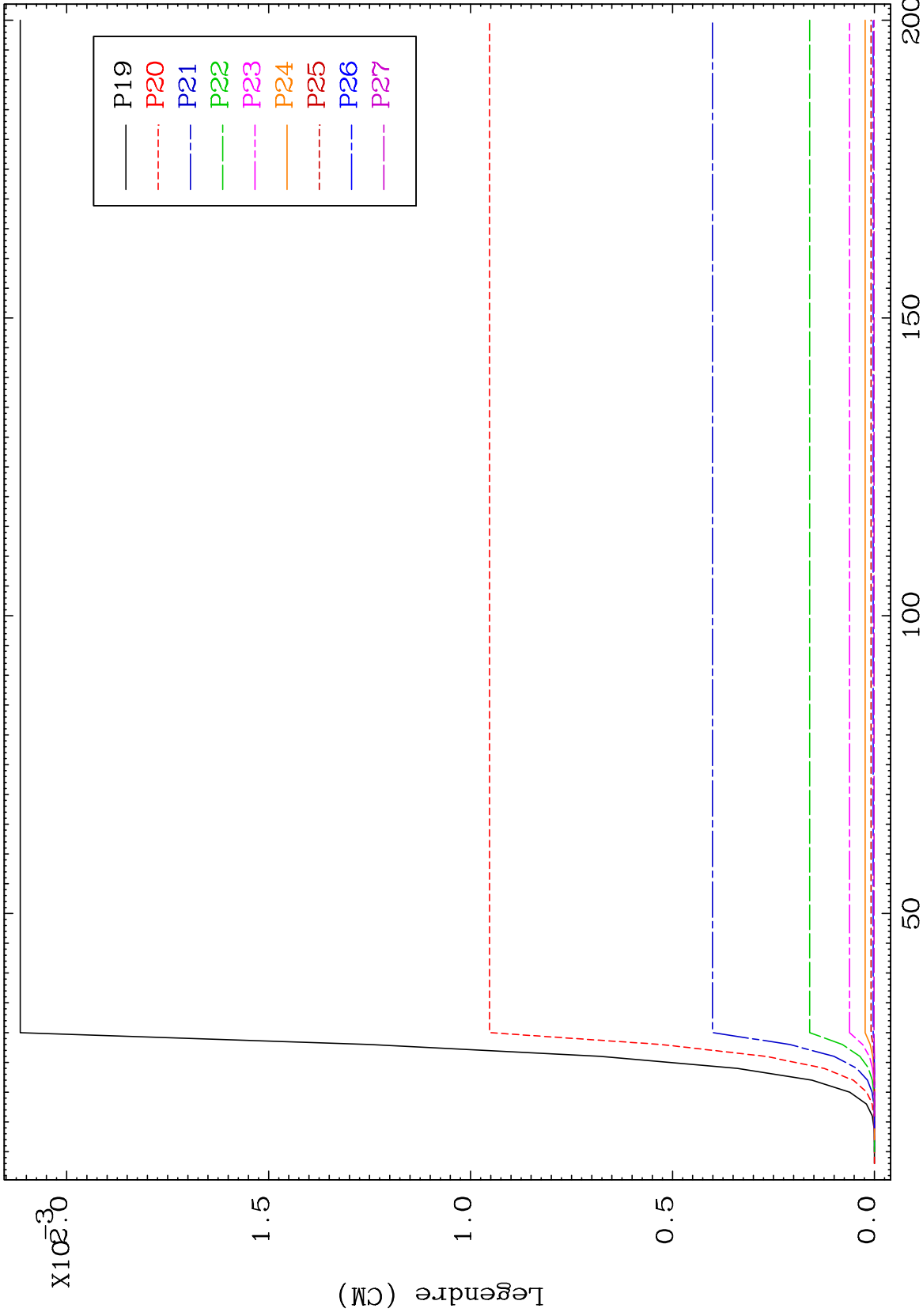
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



74

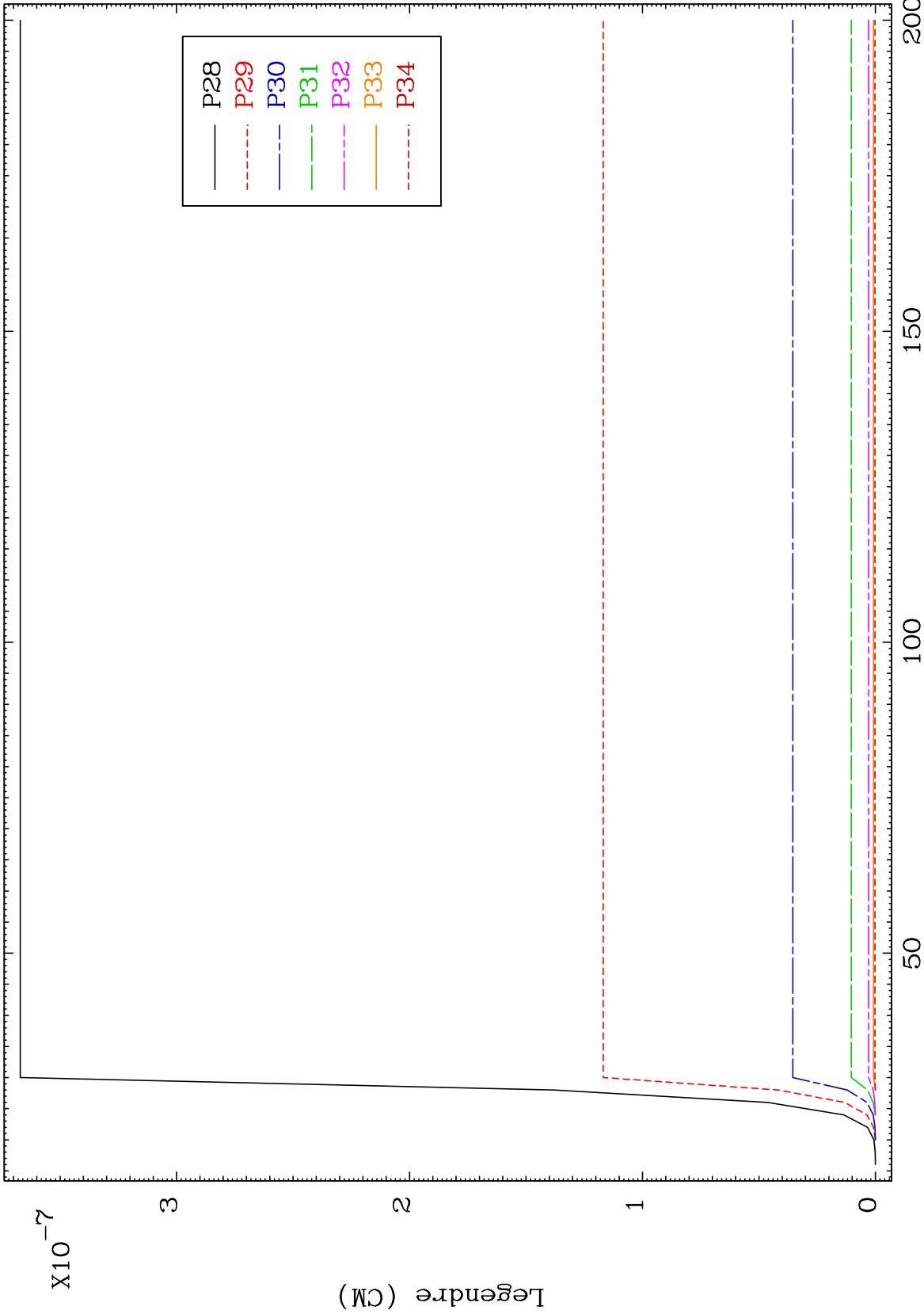
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81

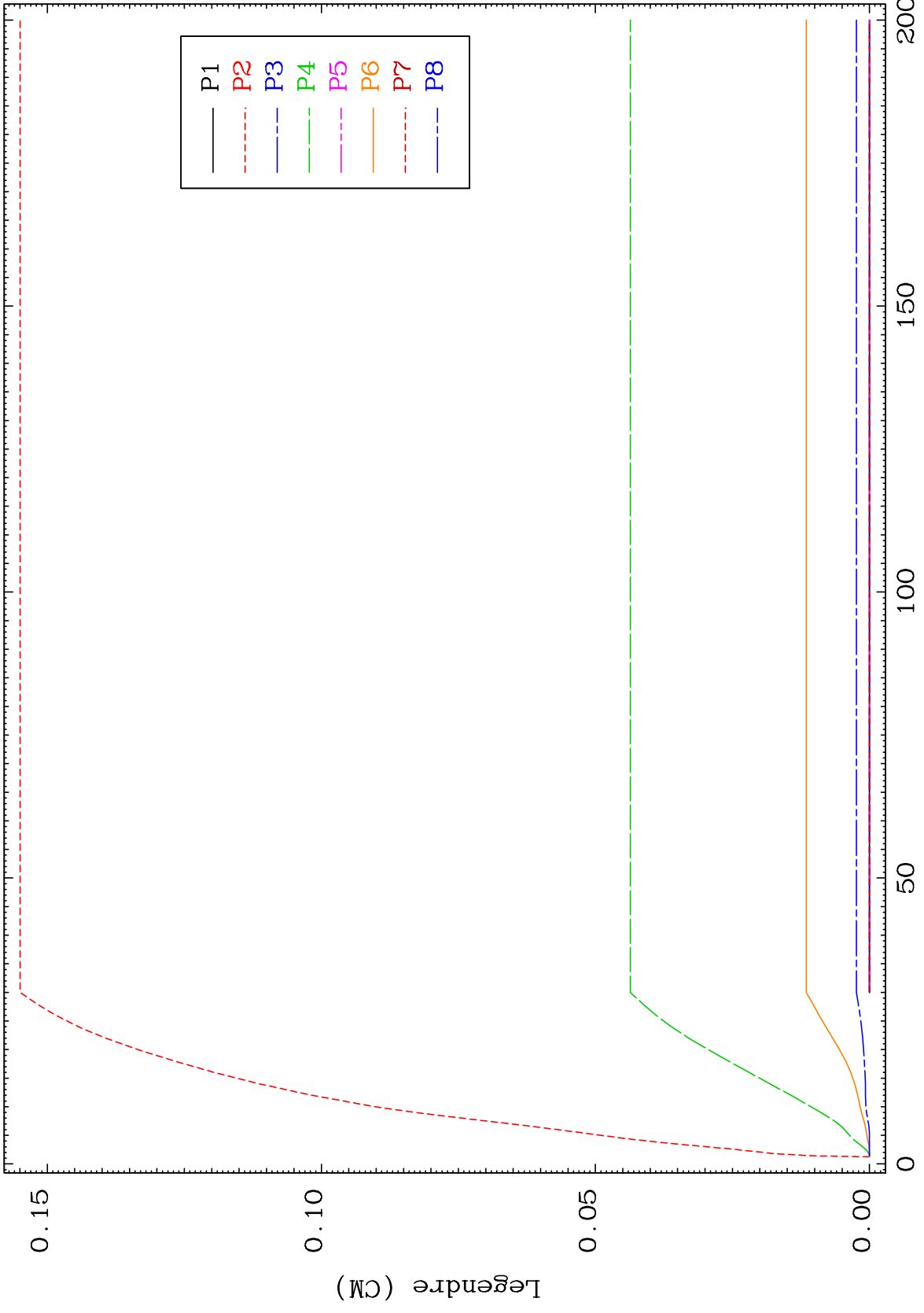


75

Incident Energy (MeV)

35-Br-81

MAT 3531 MT= 68 (n,n') Level Legendre Coefficients 35-Br-81

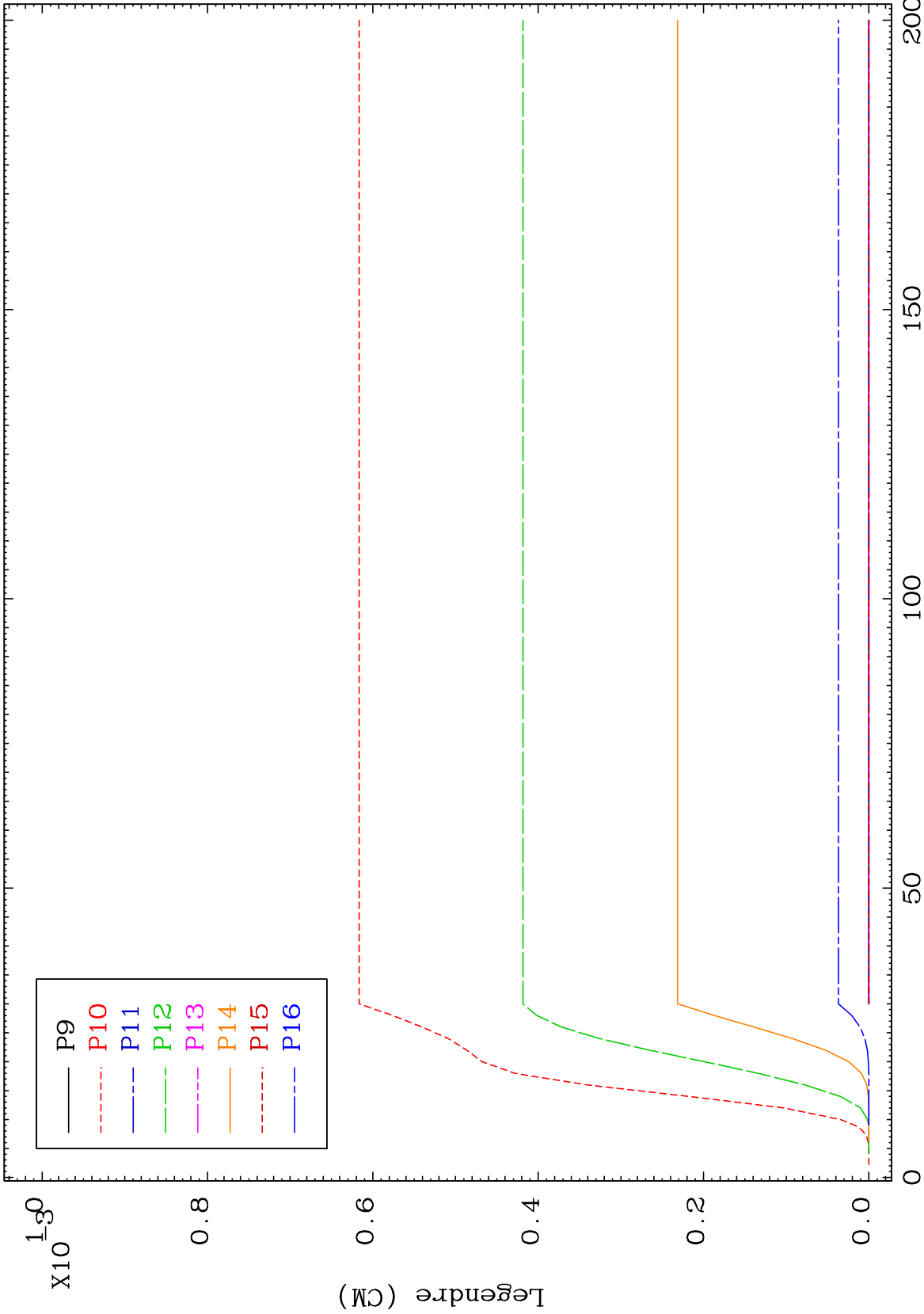


76 Incident Energy (MeV) 35-Br-81

MAT 3531

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

35-Br-81

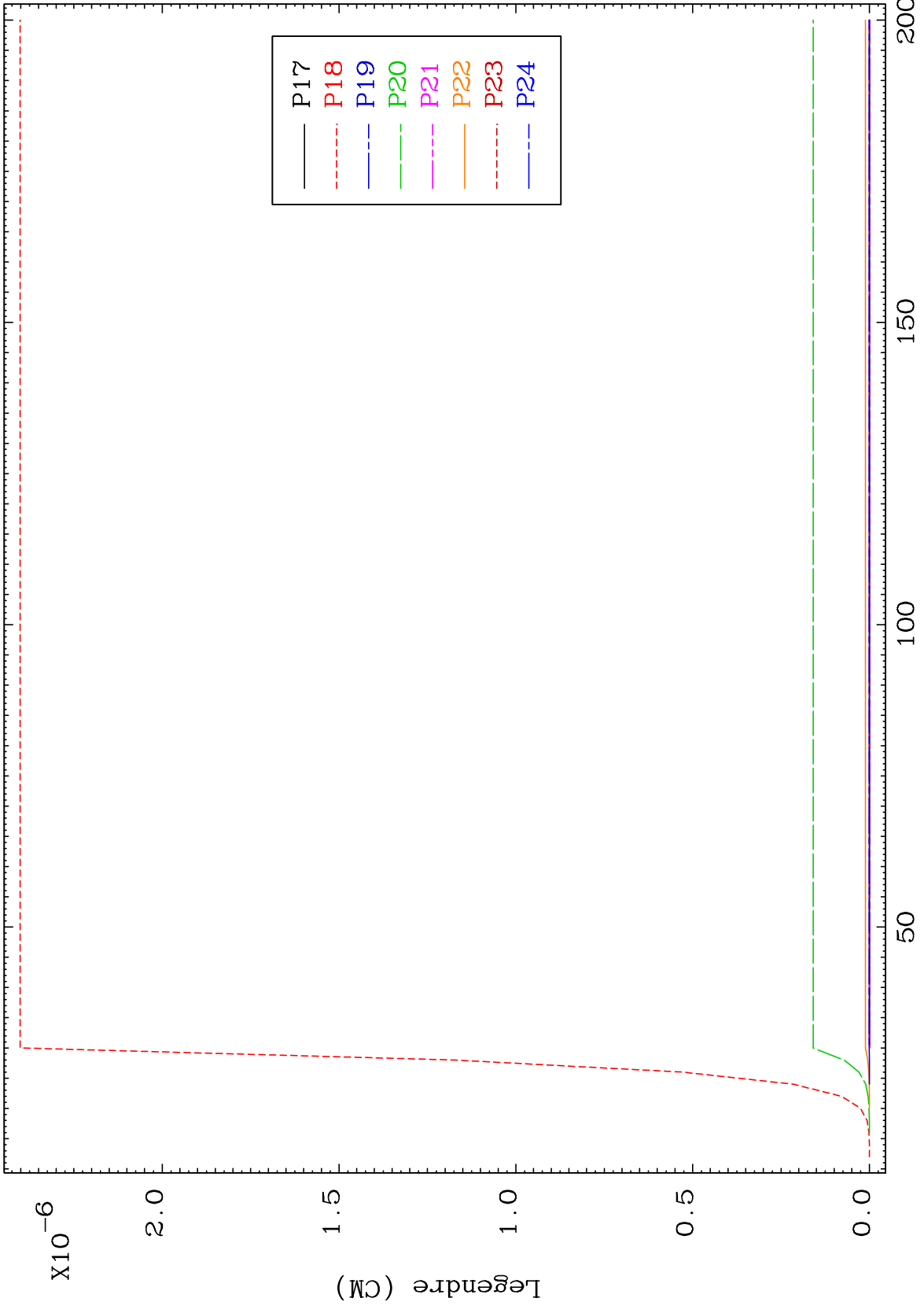


77

Incident Energy (MeV)

35-Br-81

MAT 3531 MT= 68 (n,n') Level Legendre Coefficients 35-Br-81

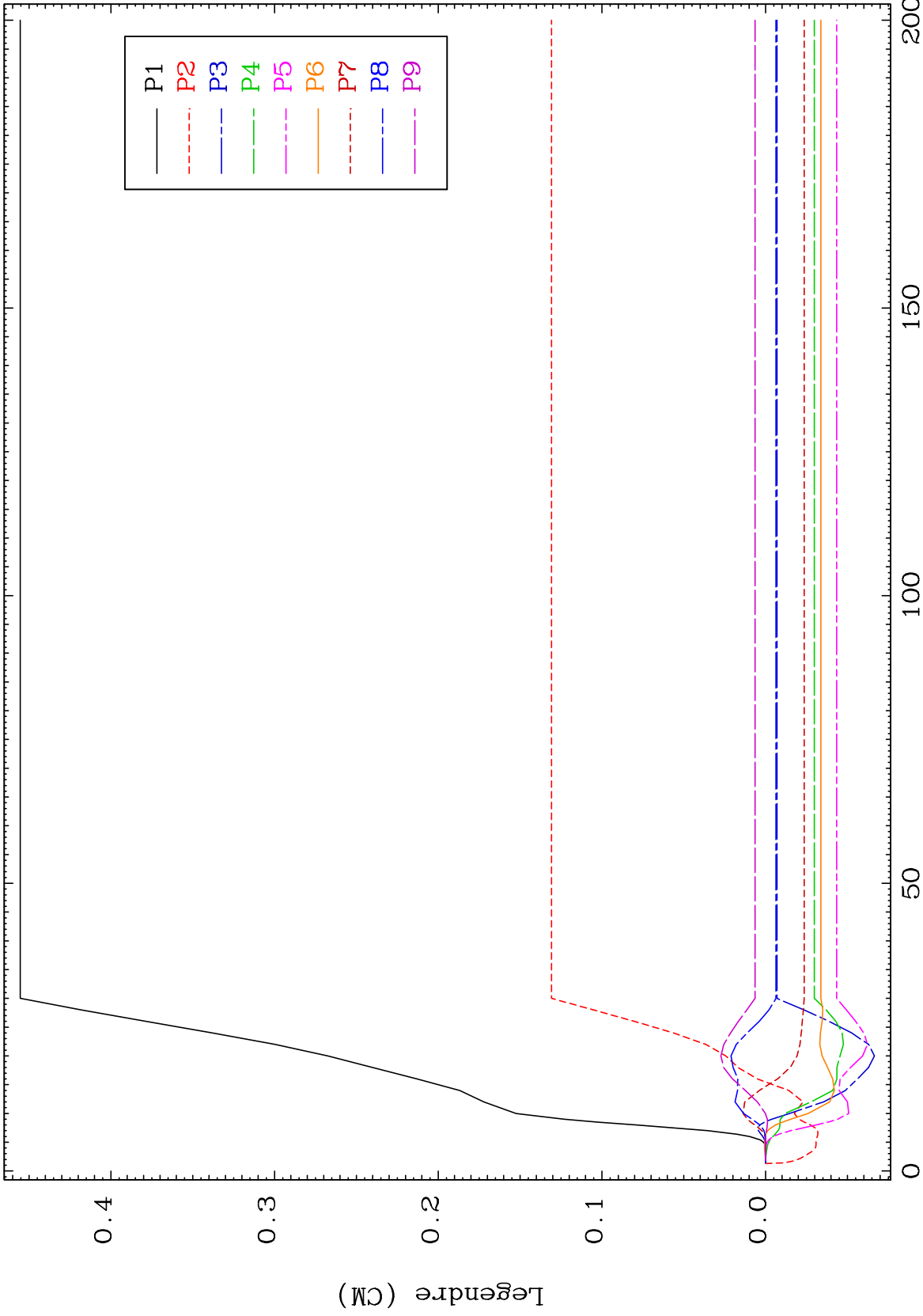


78 Incident Energy (MeV) 35-Br-81

MAT 3531

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

35-Br-81

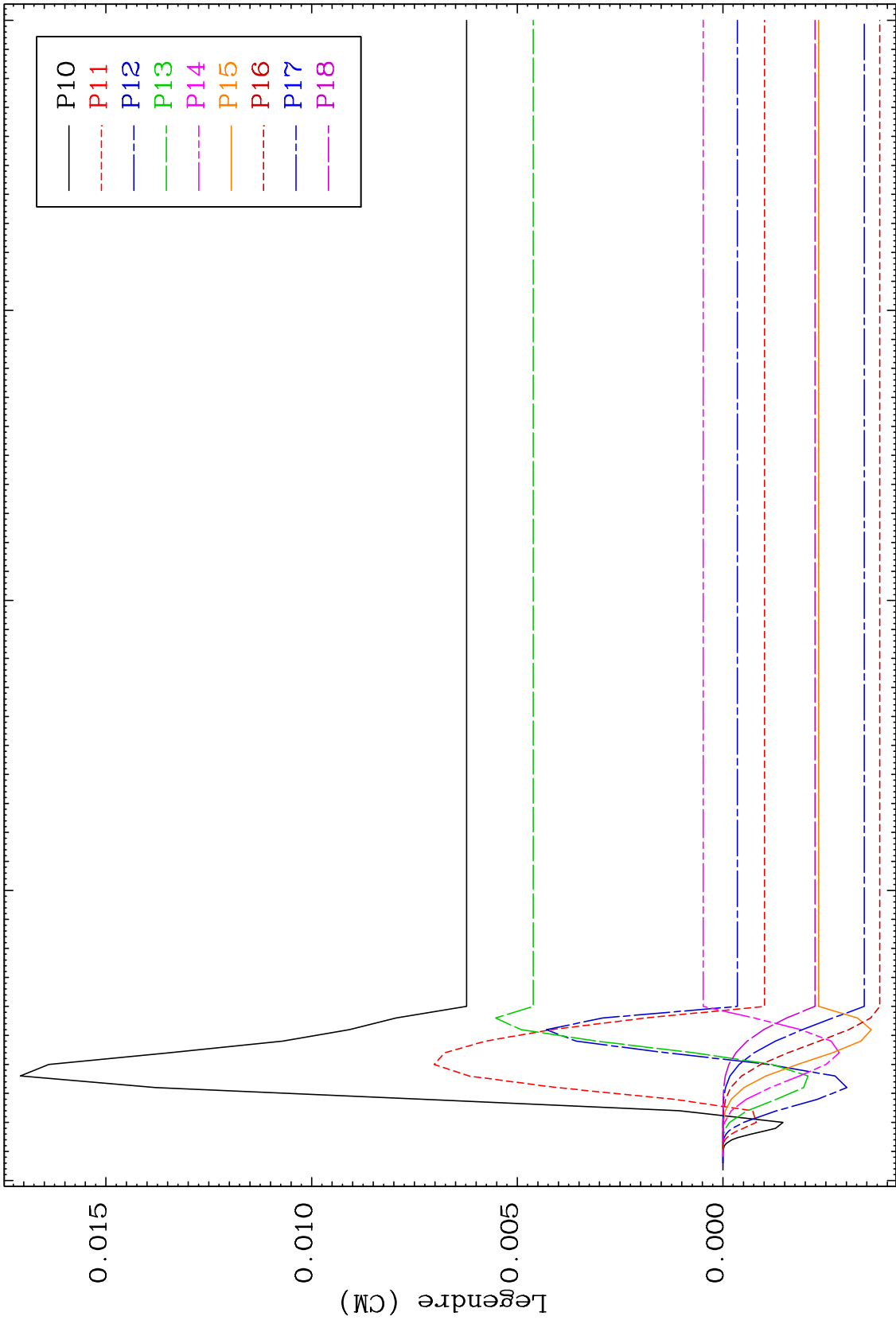


79

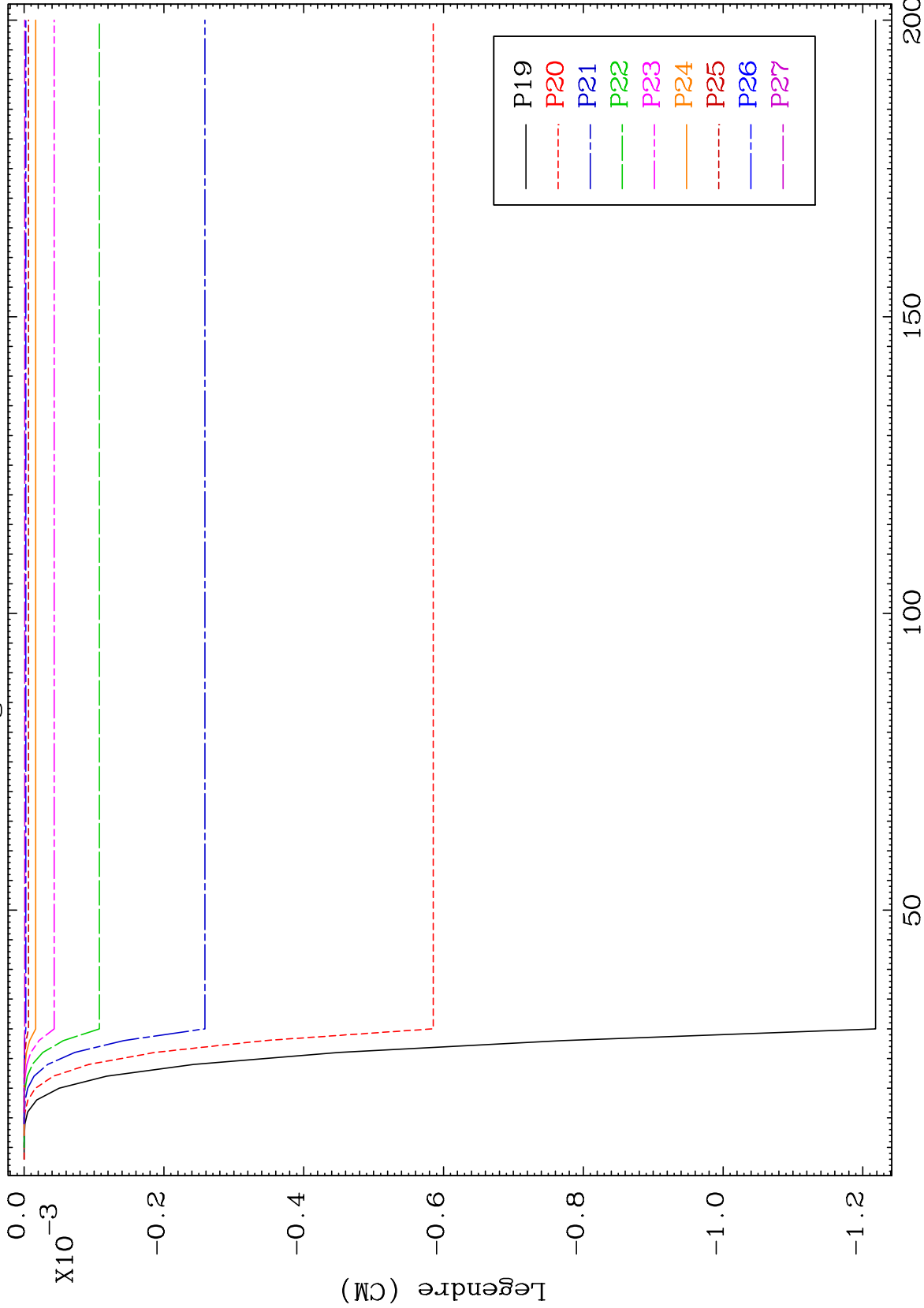
Incident Energy (MeV)

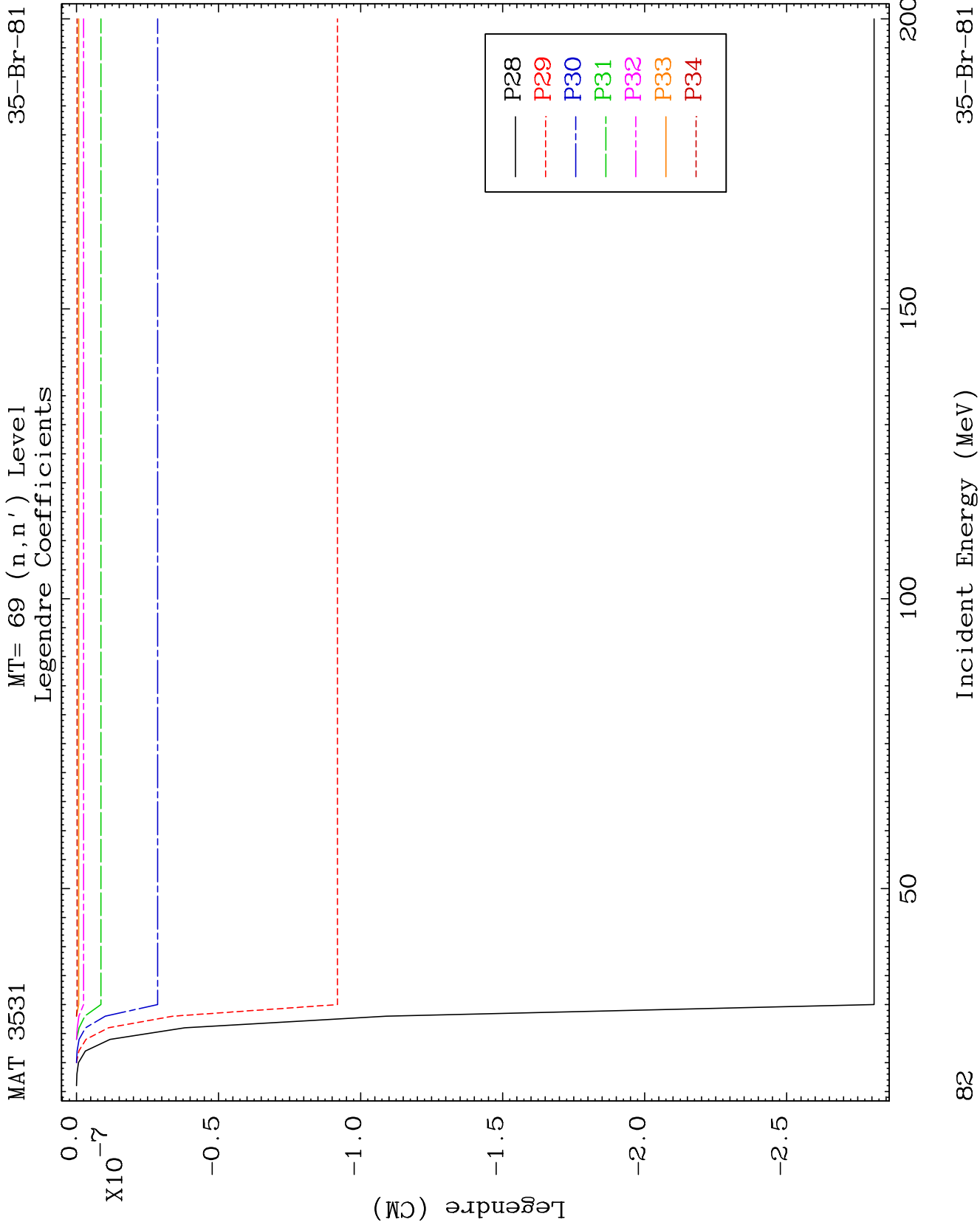
35-Br-81

MAT 3531 MT= 69 (n,n') Level Legendre Coefficients 35-Br-81

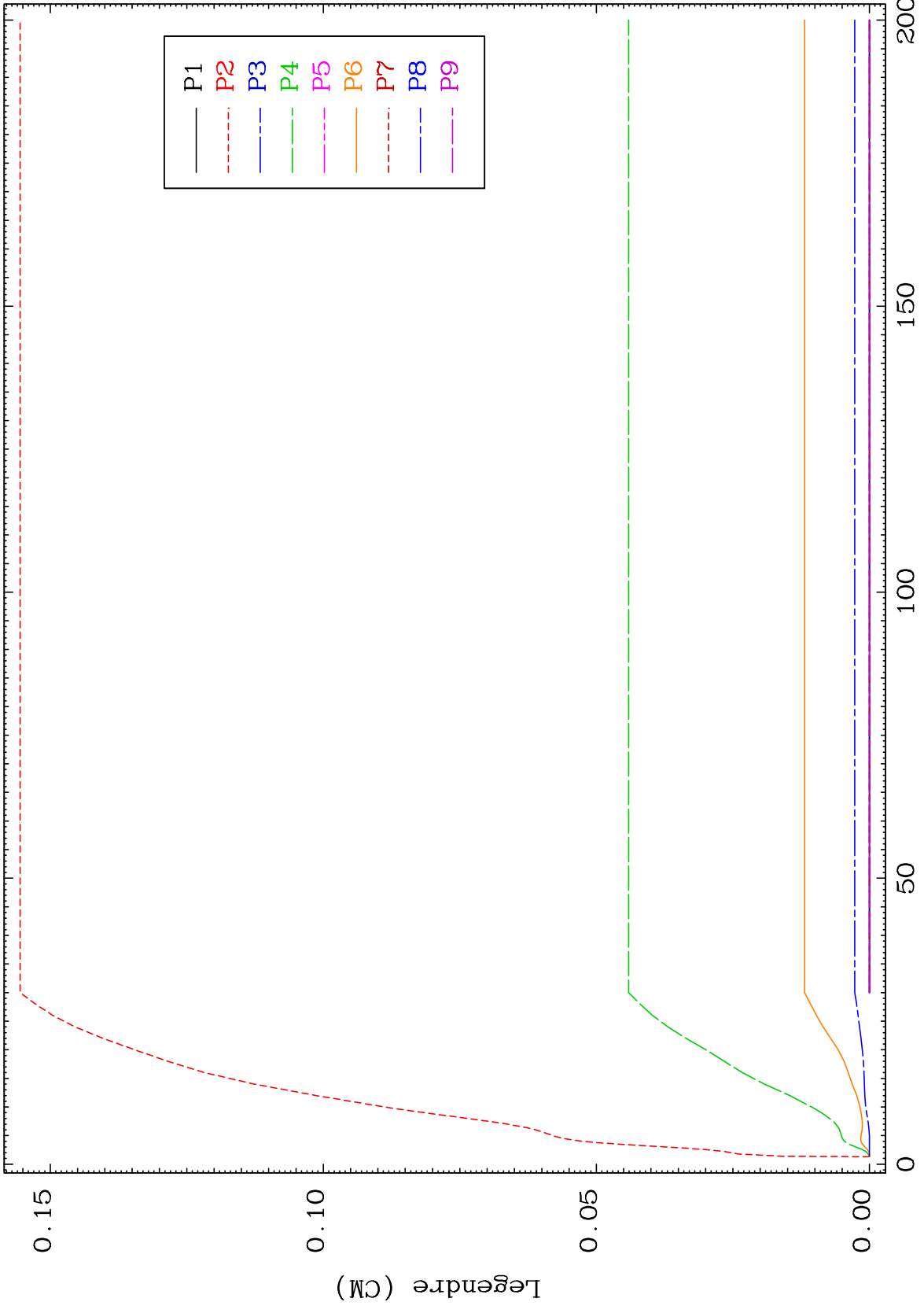


80 Incident Energy (MeV) 35-Br-81





MAT 3531 MT= 70 (n,n') Level Legendre Coefficients 35-Br-81

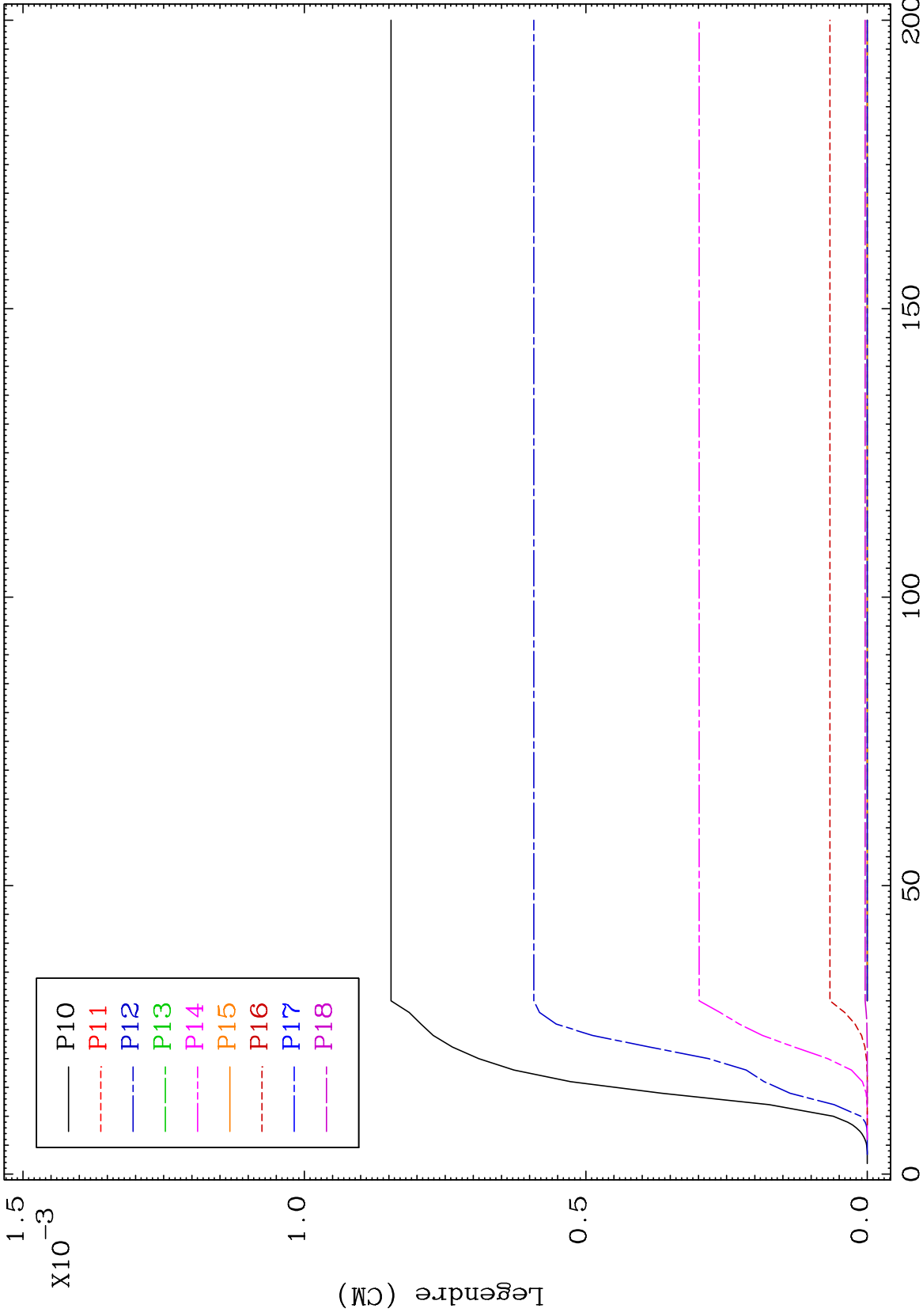


83 35-Br-81

MAT 3531

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

35-Br-81

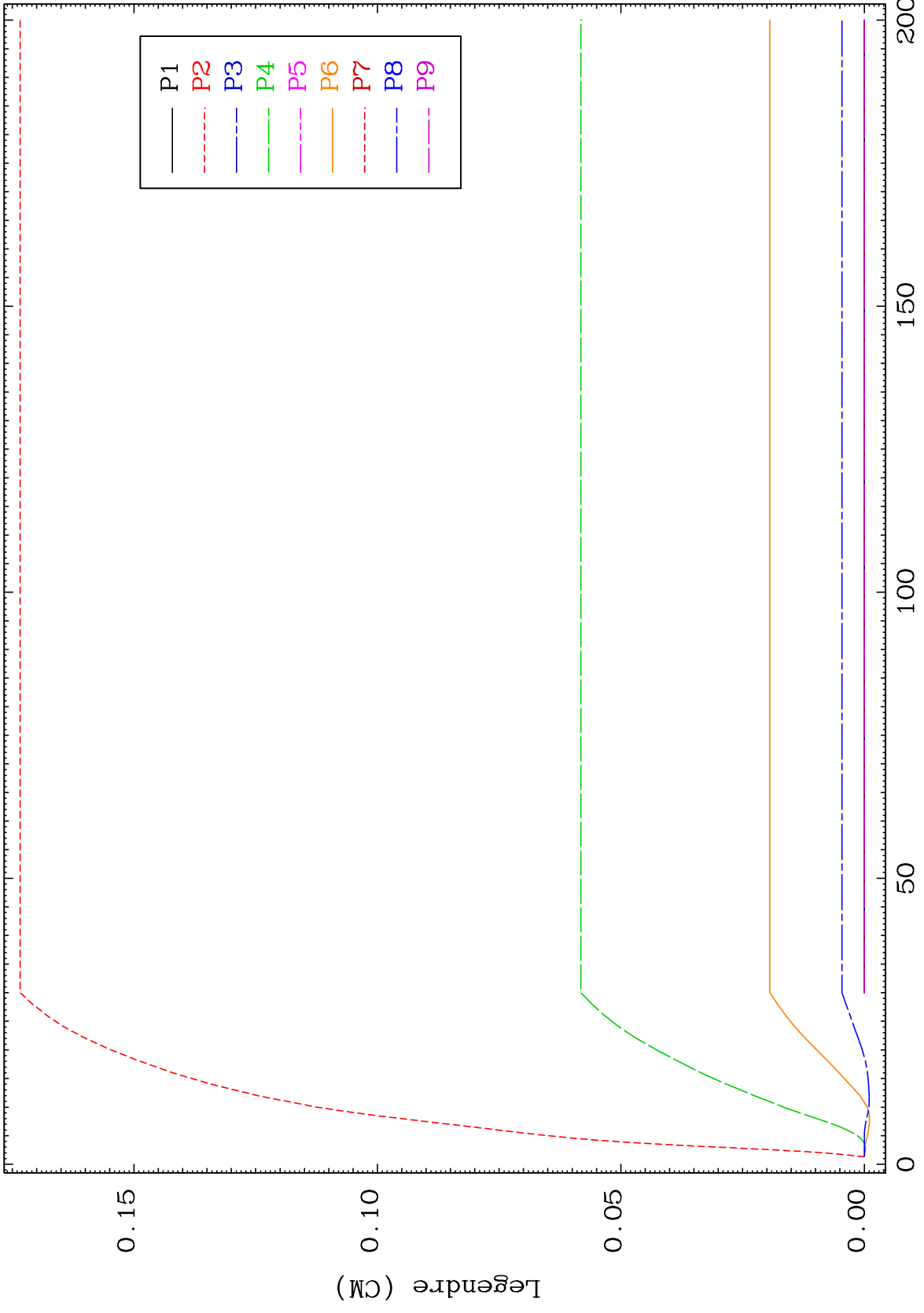


84

Incident Energy (MeV)

35-Br-81

MAT 3531 MT= 71 (n,n') Level Legendre Coefficients 35-Br-81

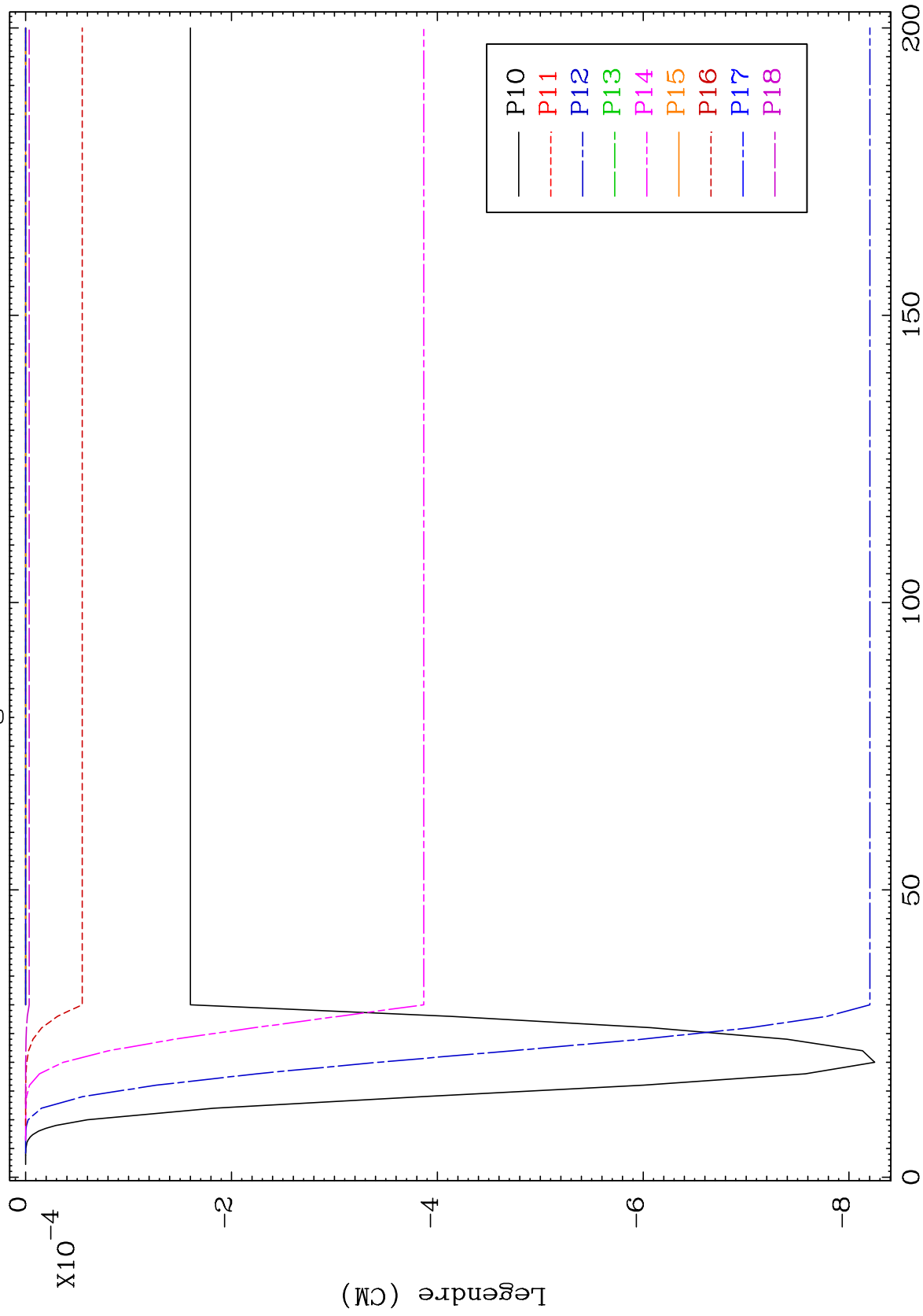


86 35-Br-81

MAT 3531

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

35-Br-81



87

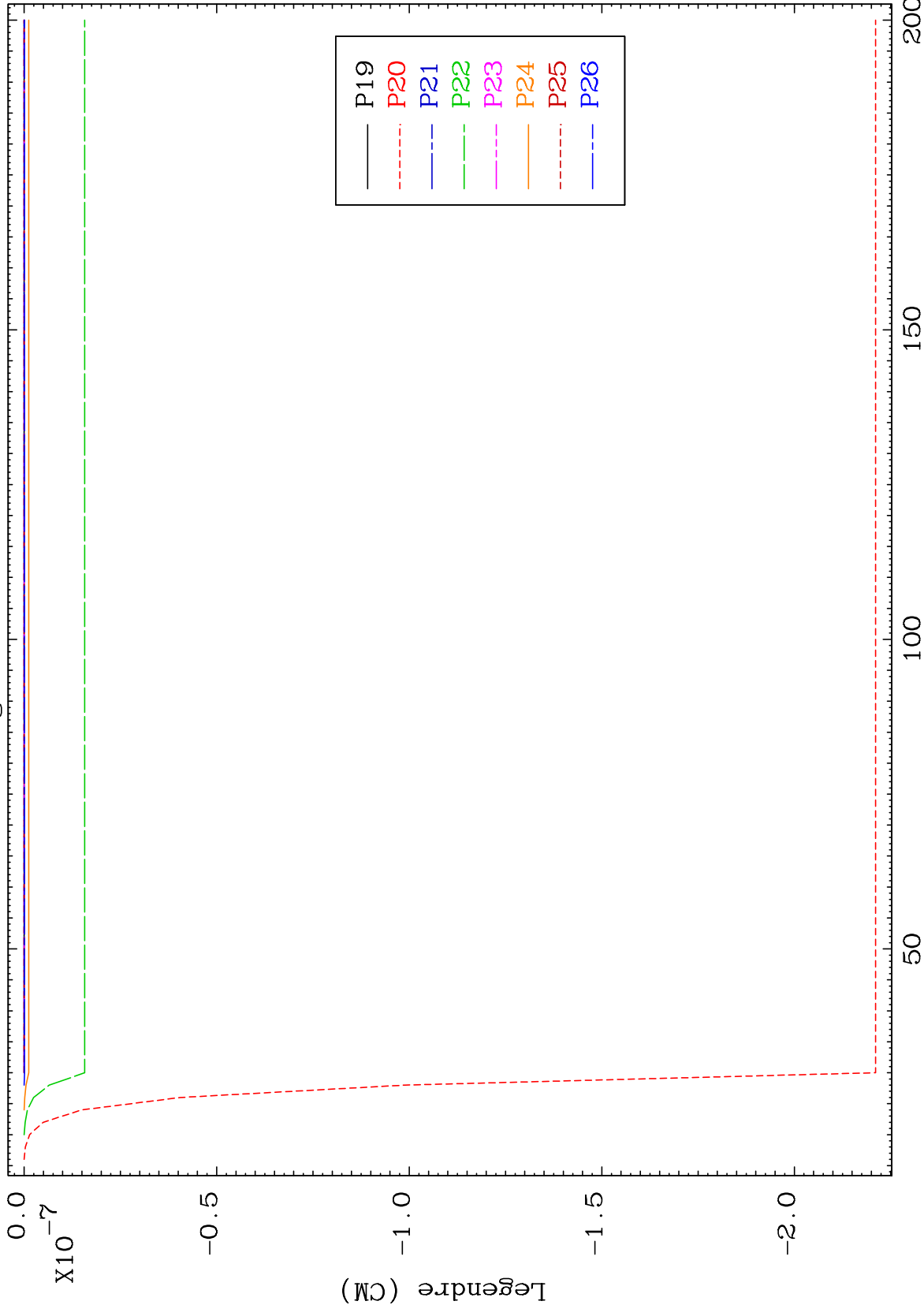
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



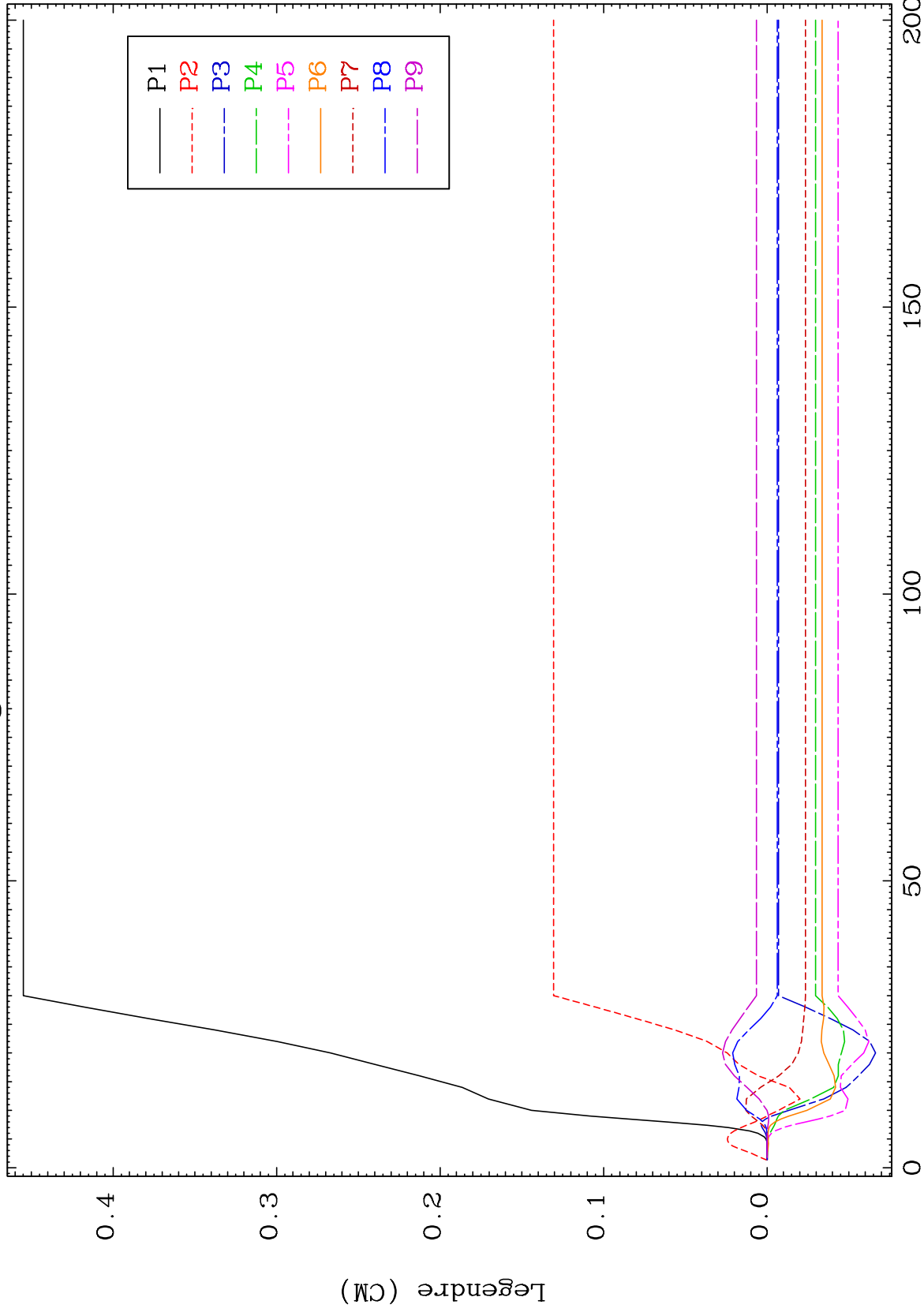
88

35-Br-81

MAT 3531

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

35-Br-81



89

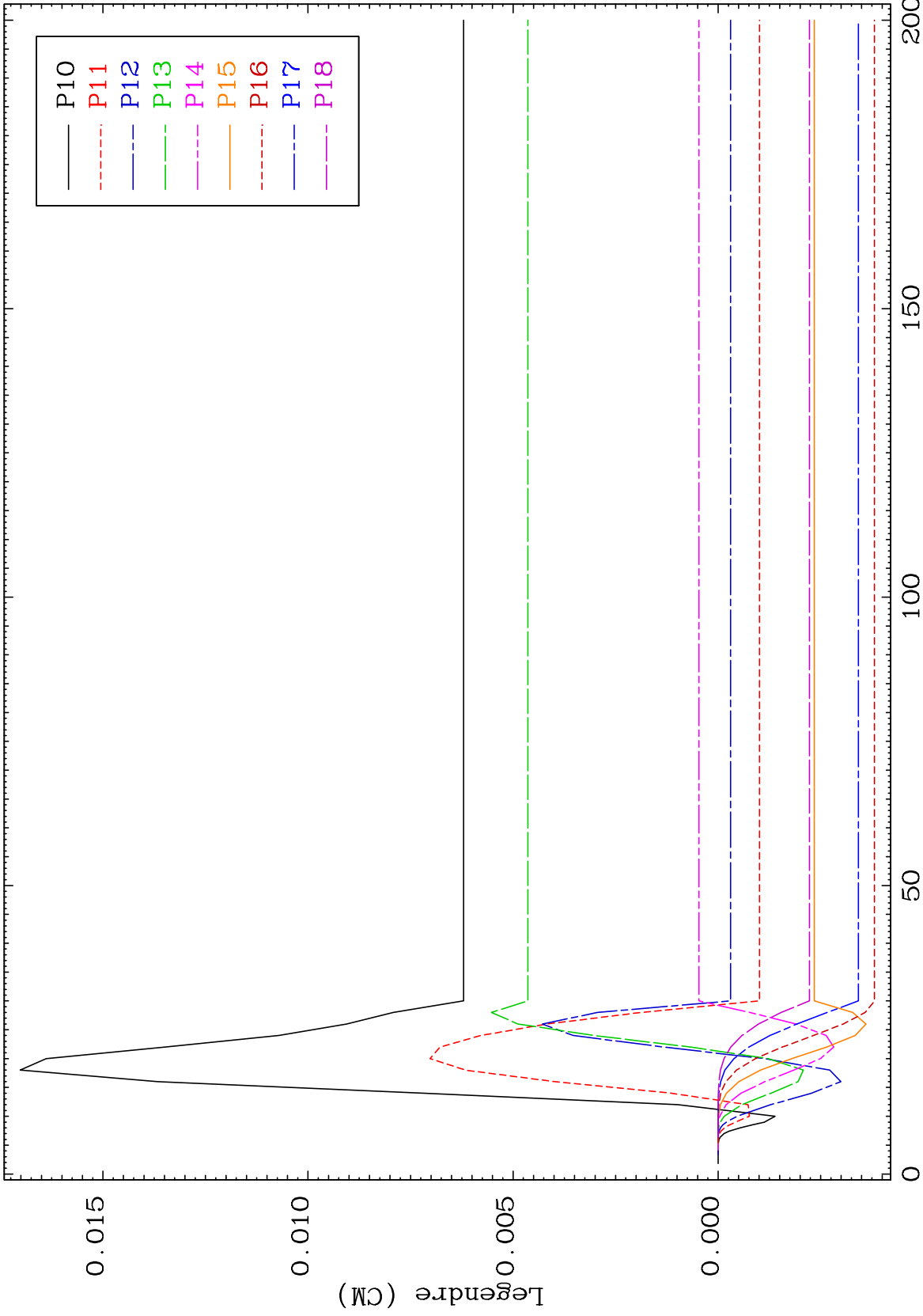
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81

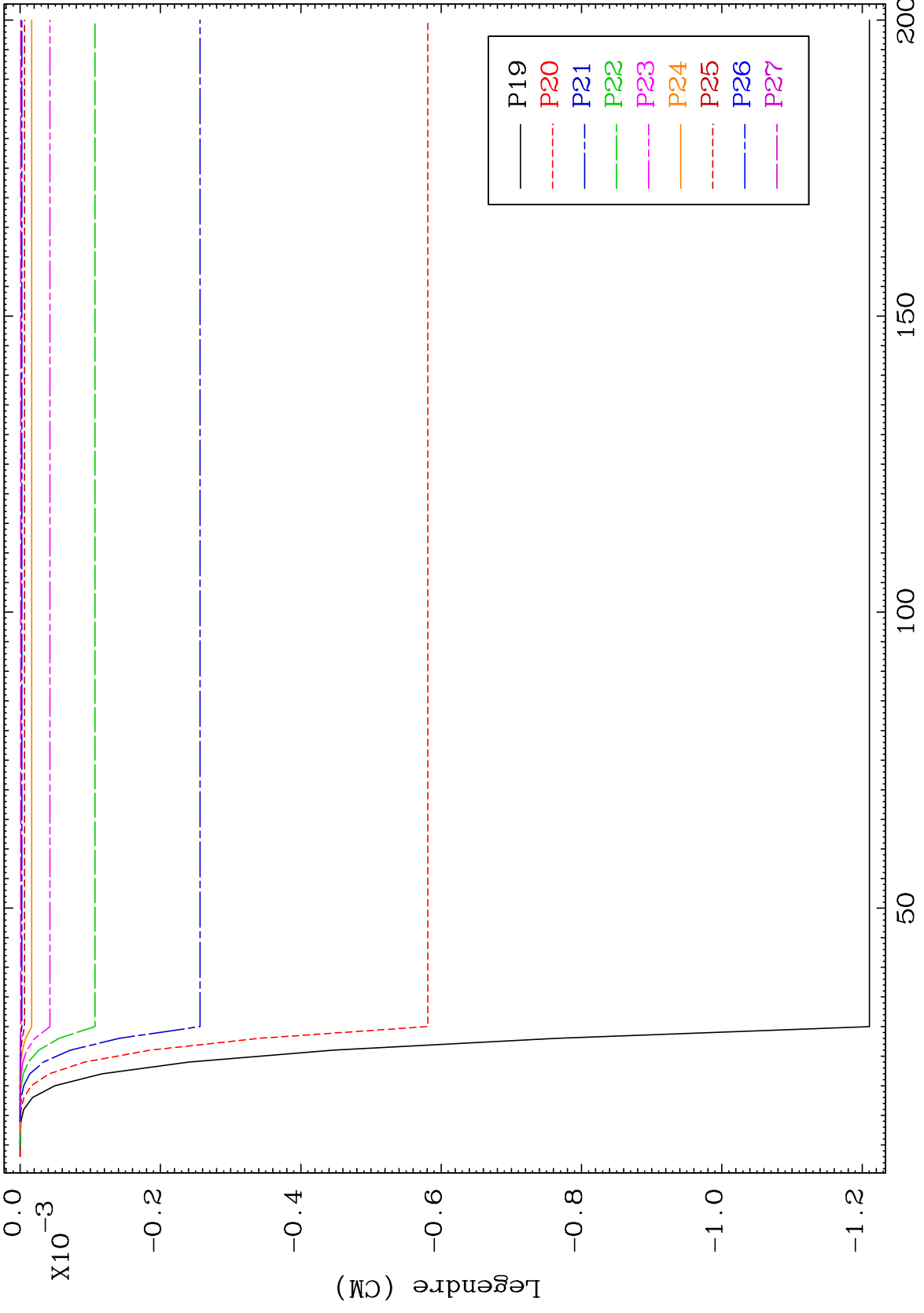


90

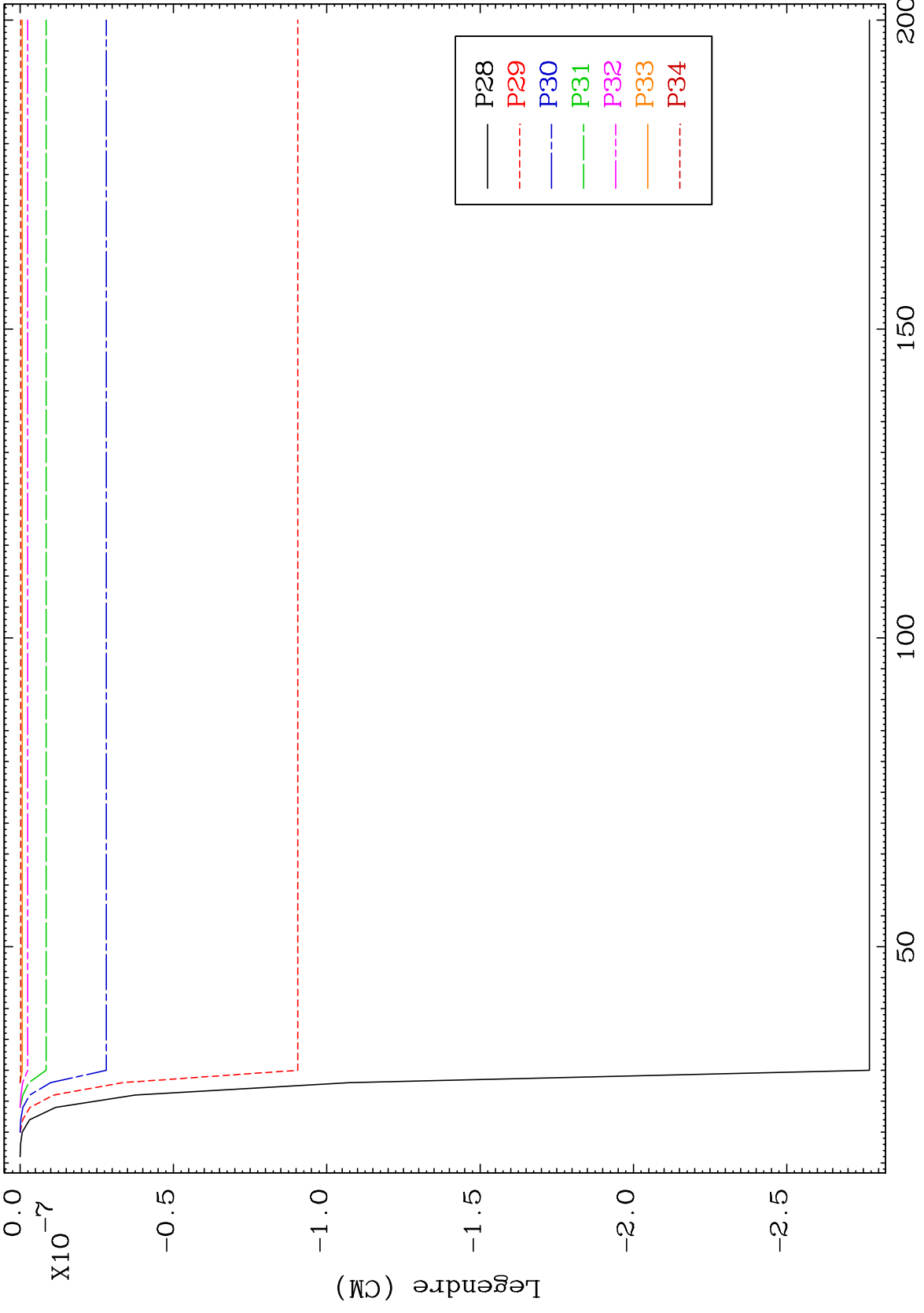
Incident Energy (MeV)

35-Br-81

MAT 3531 MT= 72 (n,n') Level Legendre Coefficients 35-Br-81



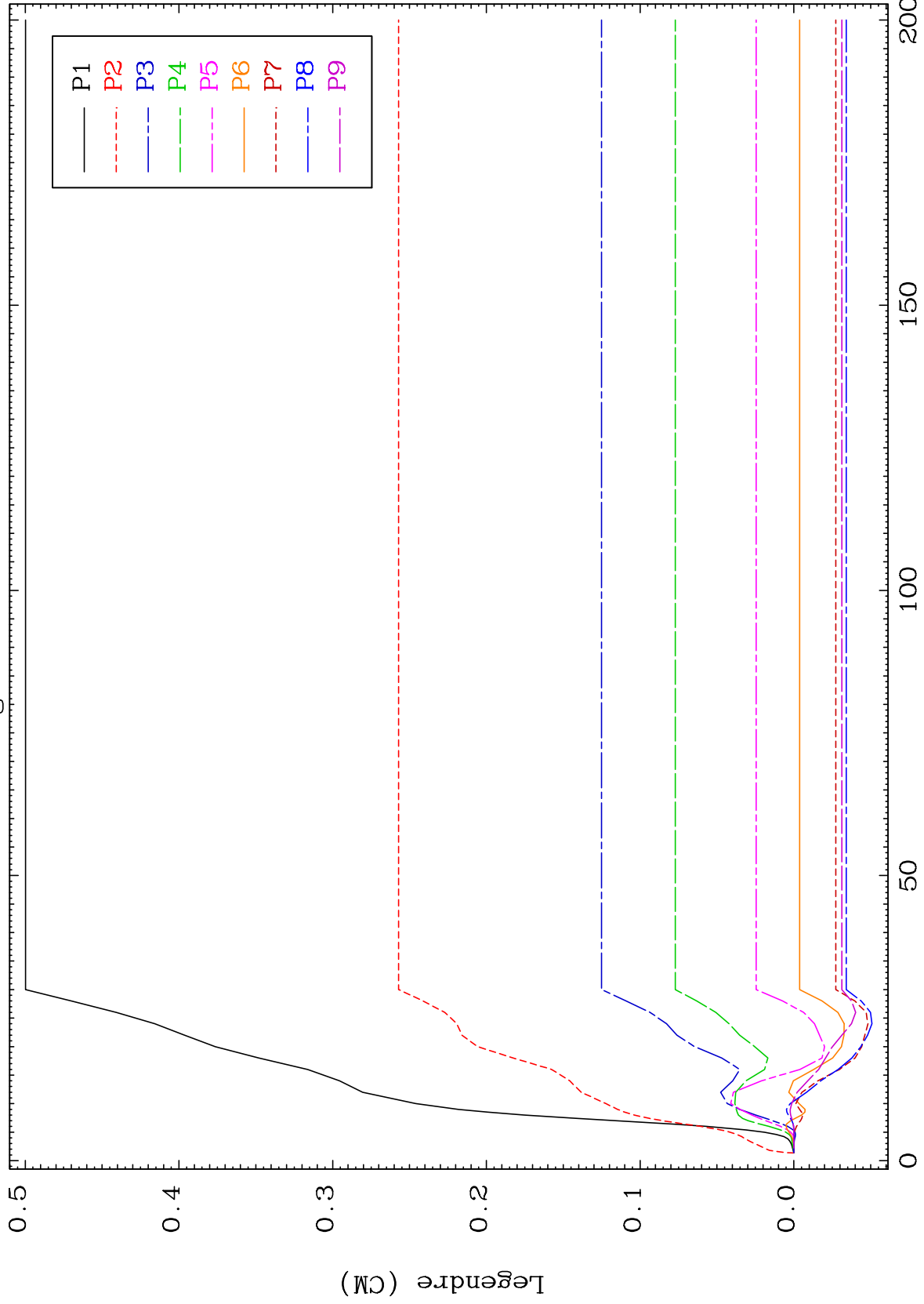
MAT 3531 MT= 72 (n,n') Level Legendre Coefficients 35-Br-81



MAT 3531

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

35-Br-81



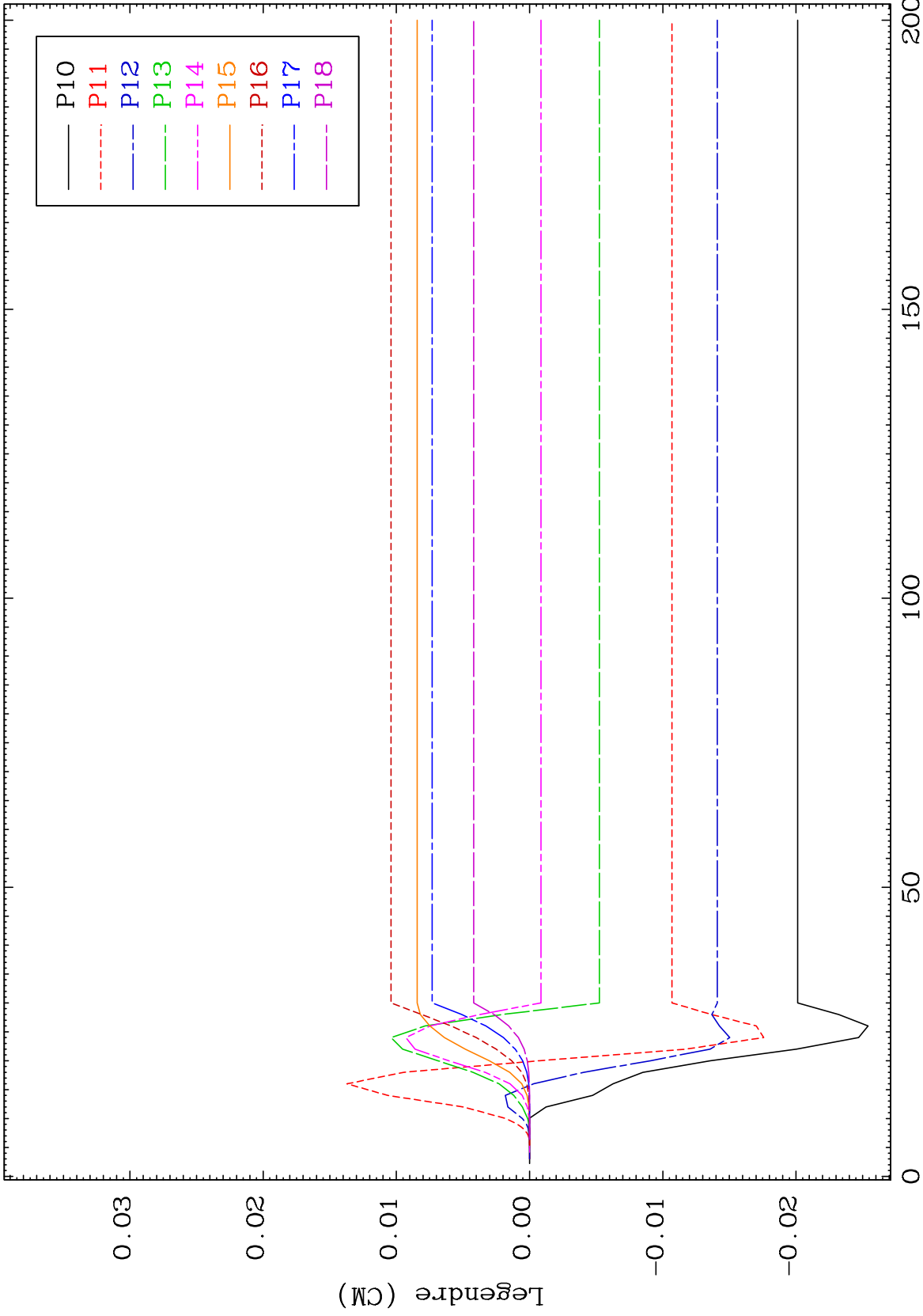
93

35-Br-81

MAT 3531

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

35-Br-81



94

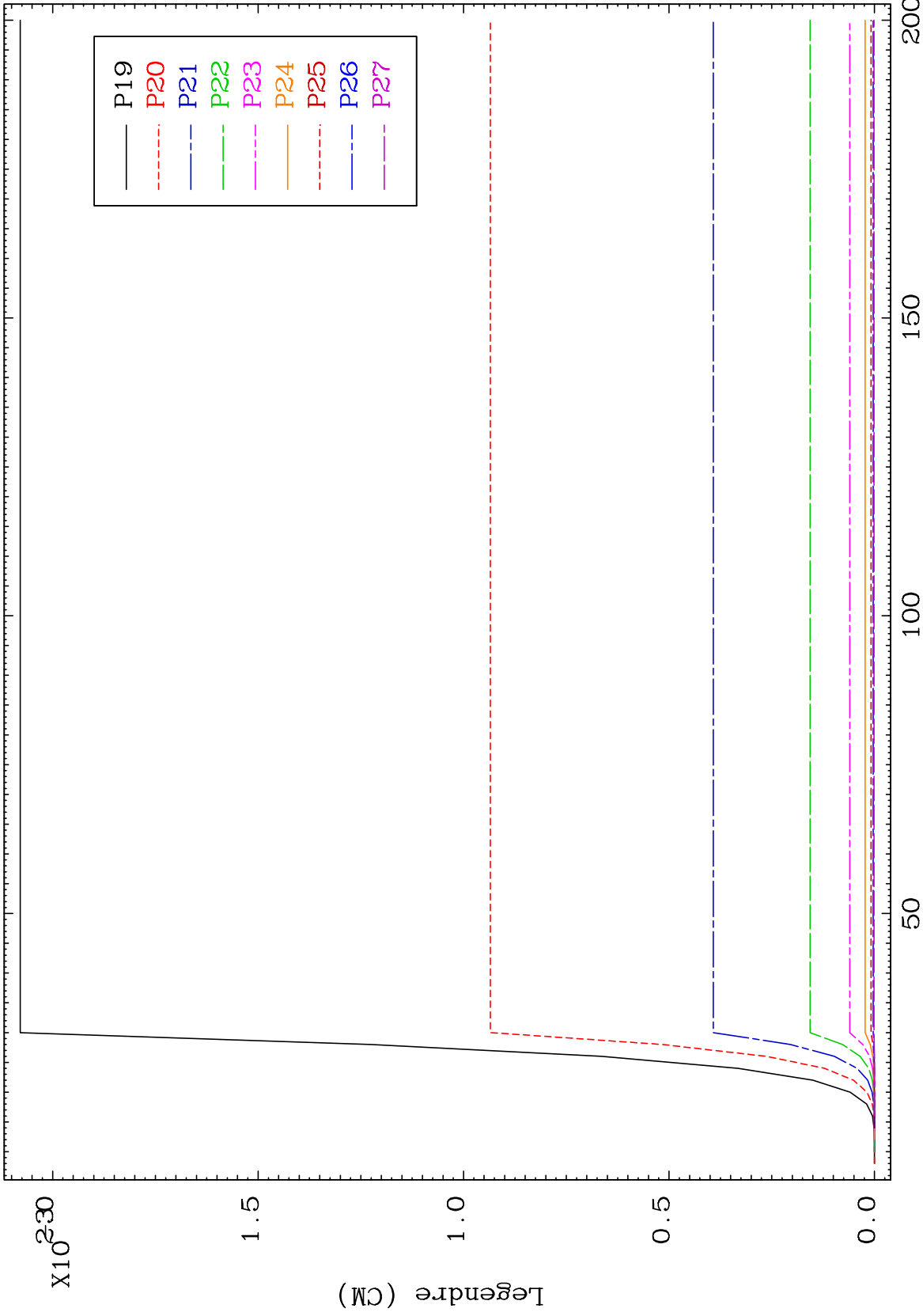
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



95

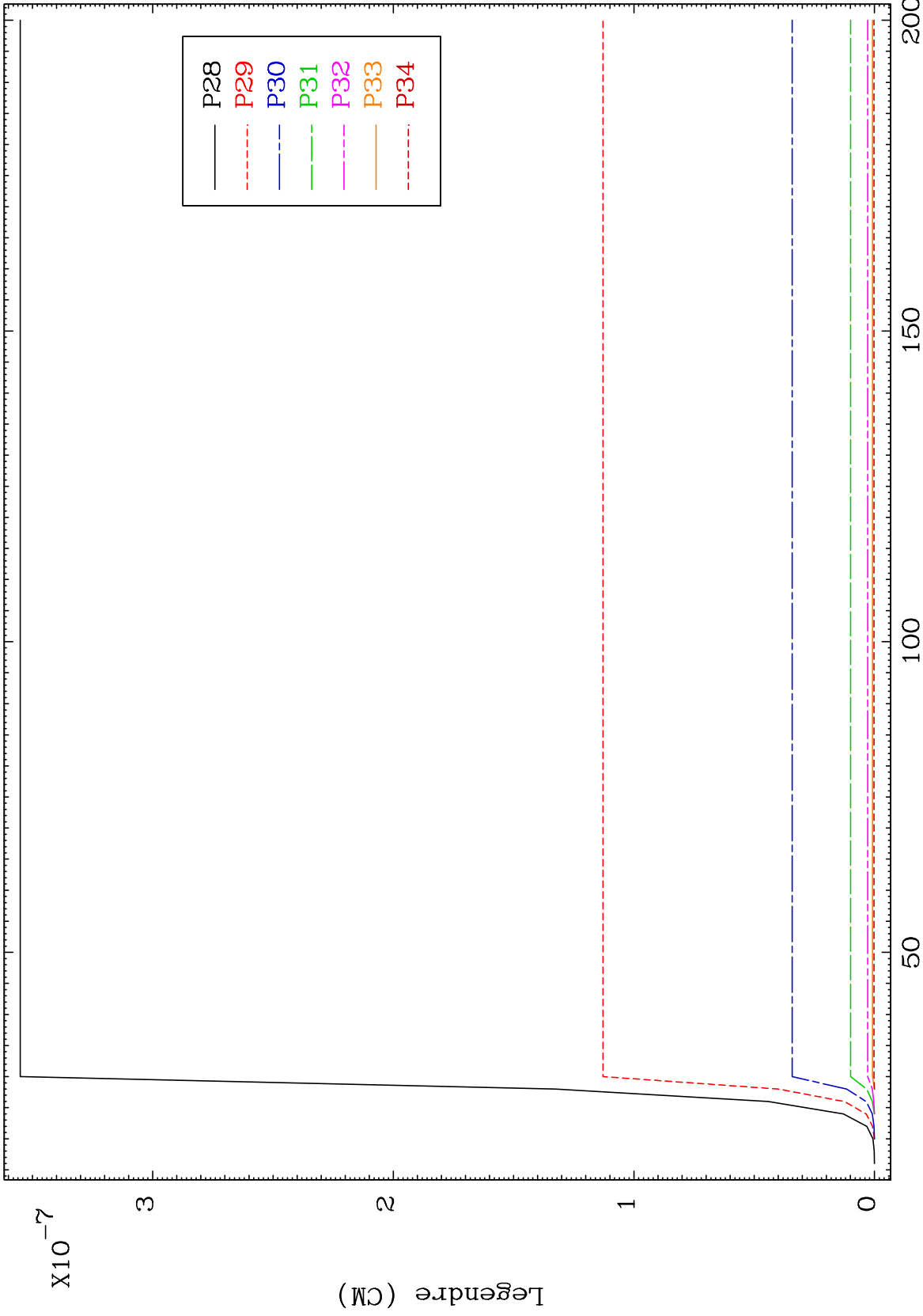
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



96

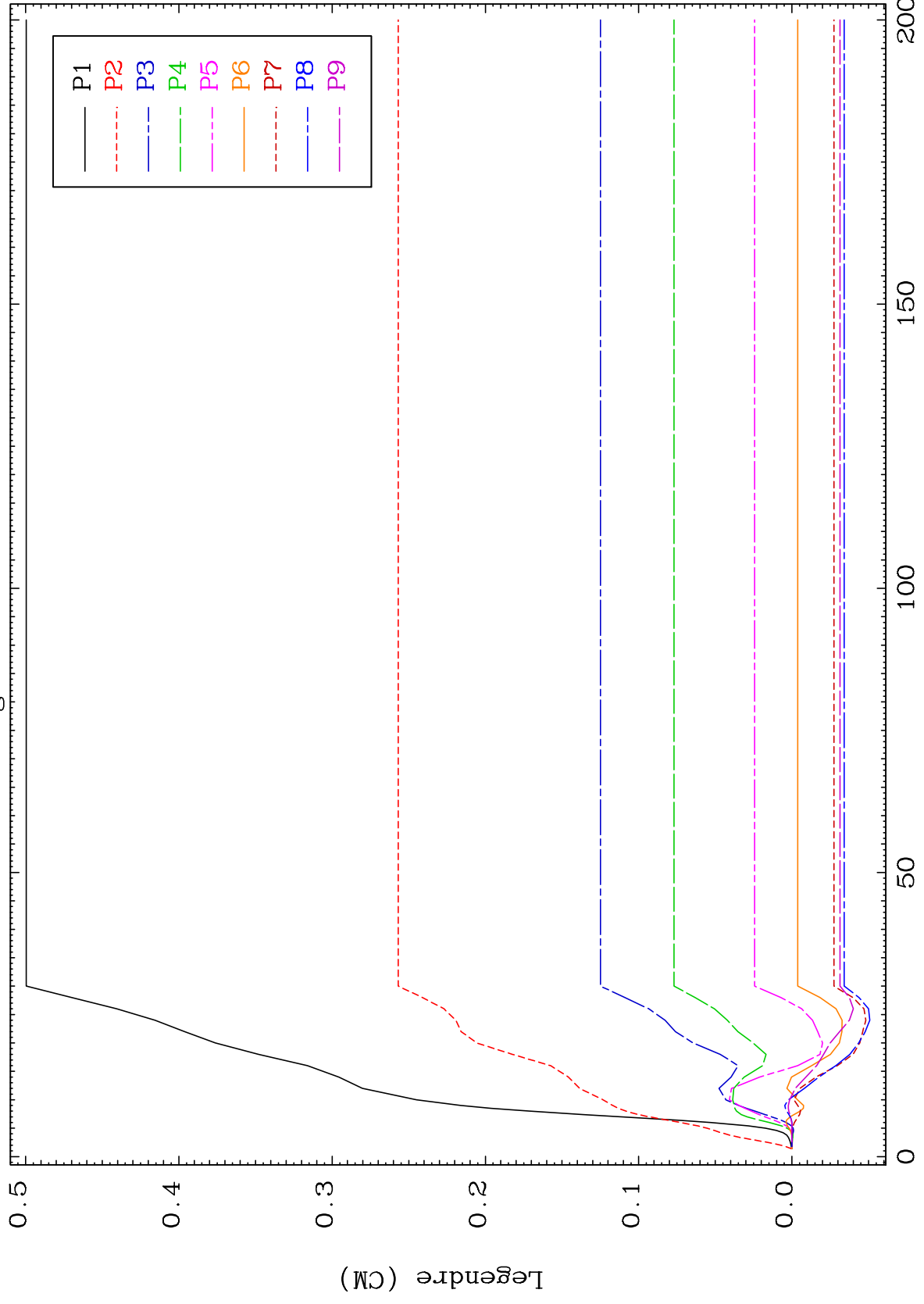
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



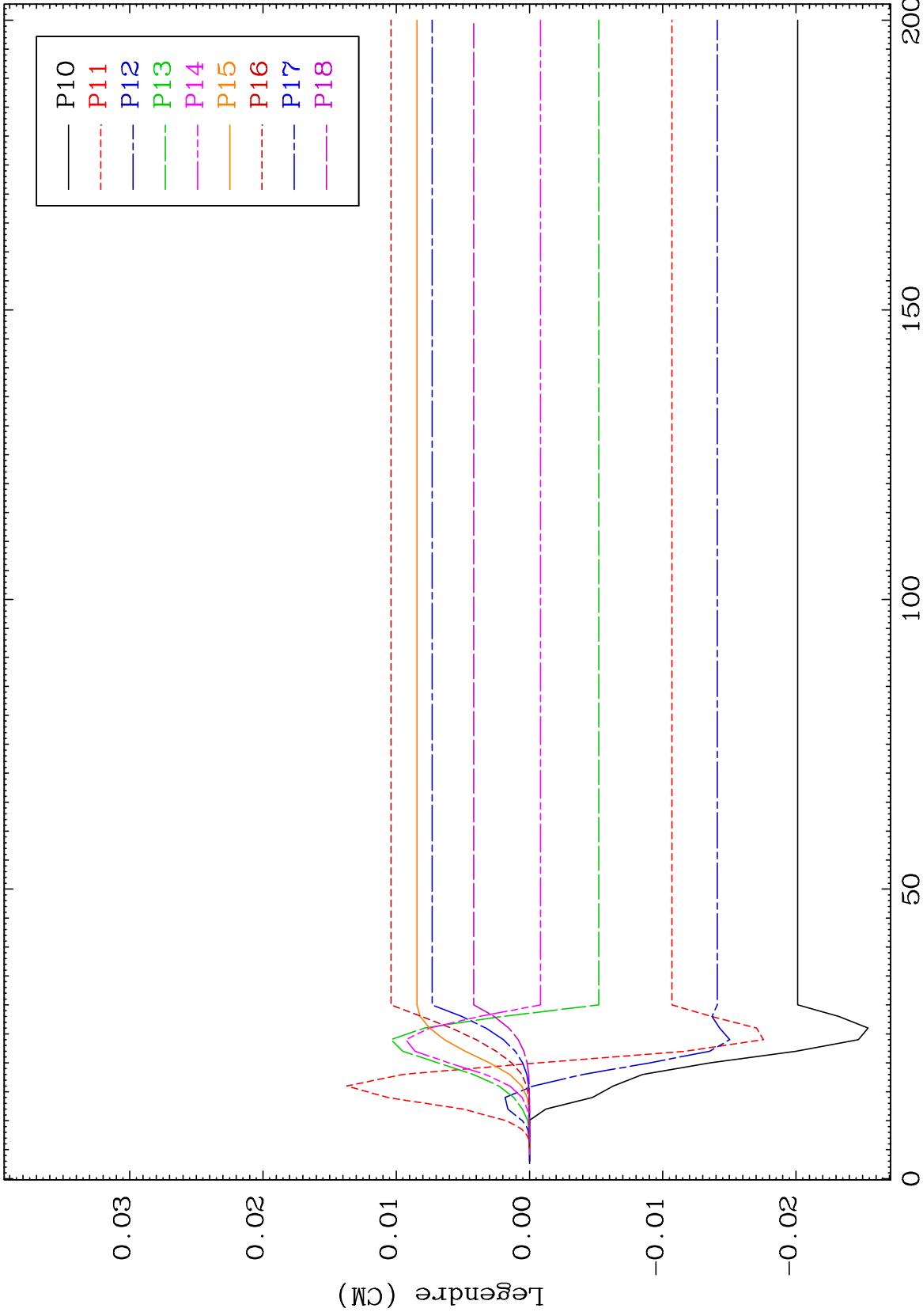
97

35-Br-81

MAT 3531

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

35-Br-81



98

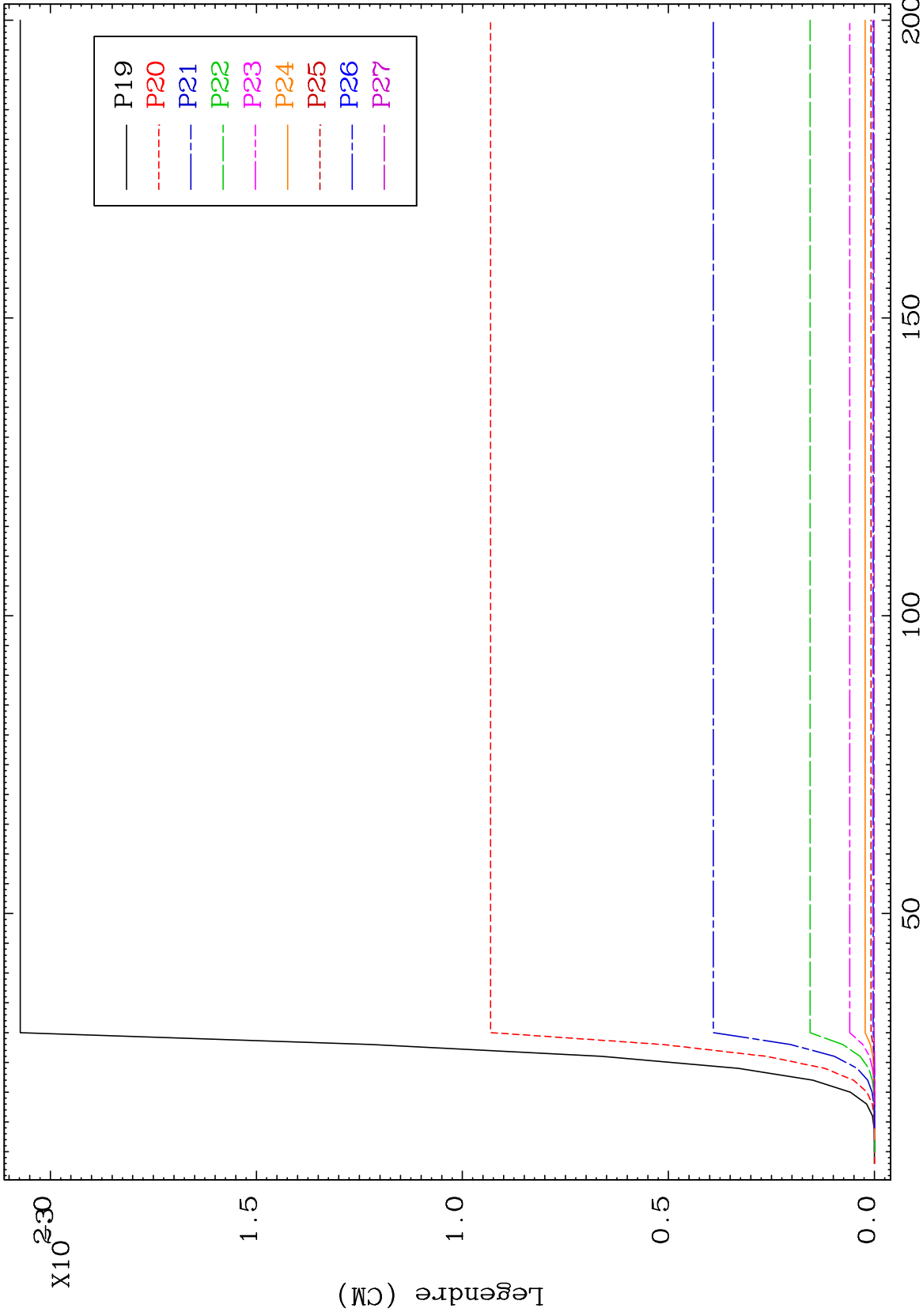
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



99

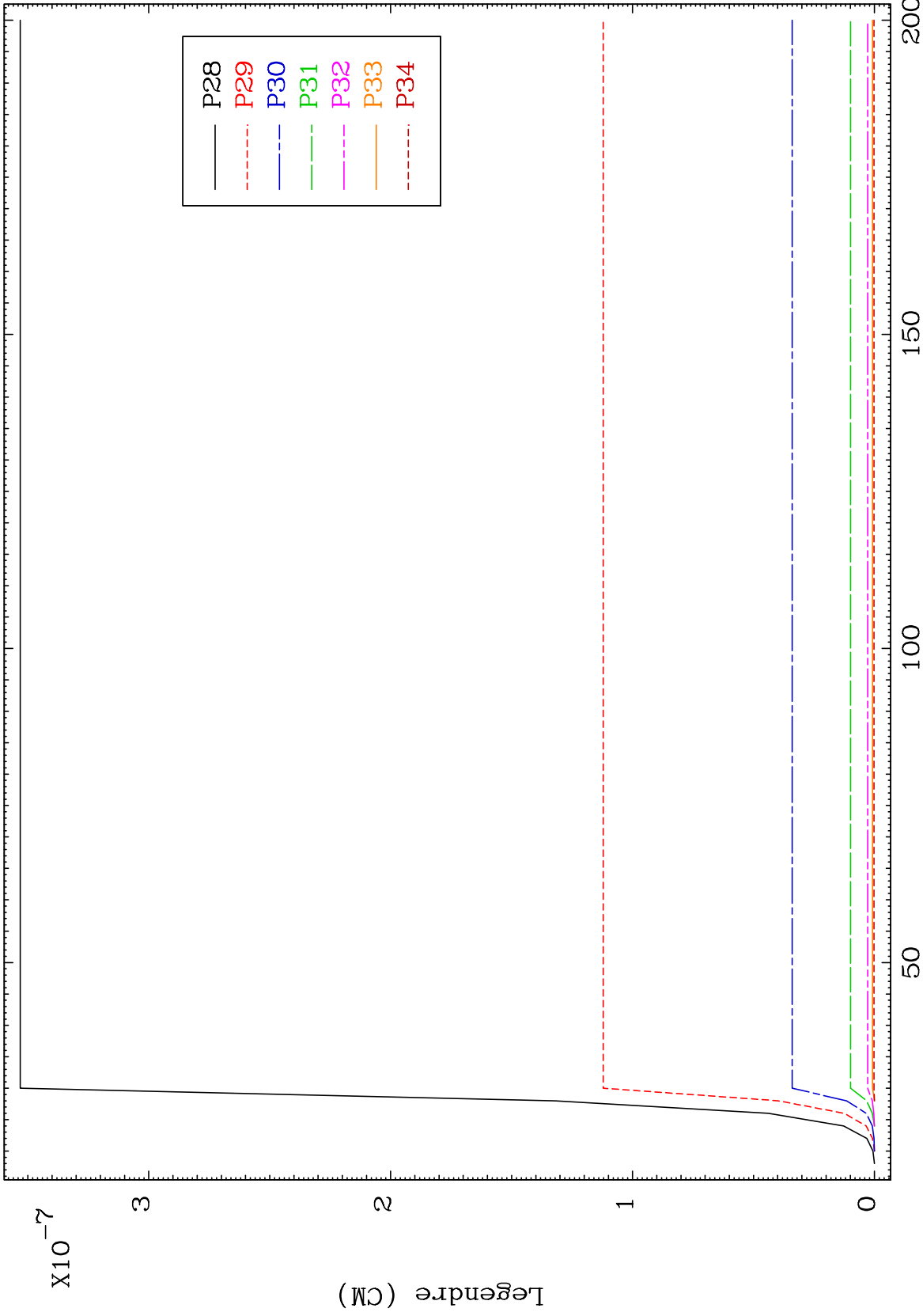
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



35-Br-81

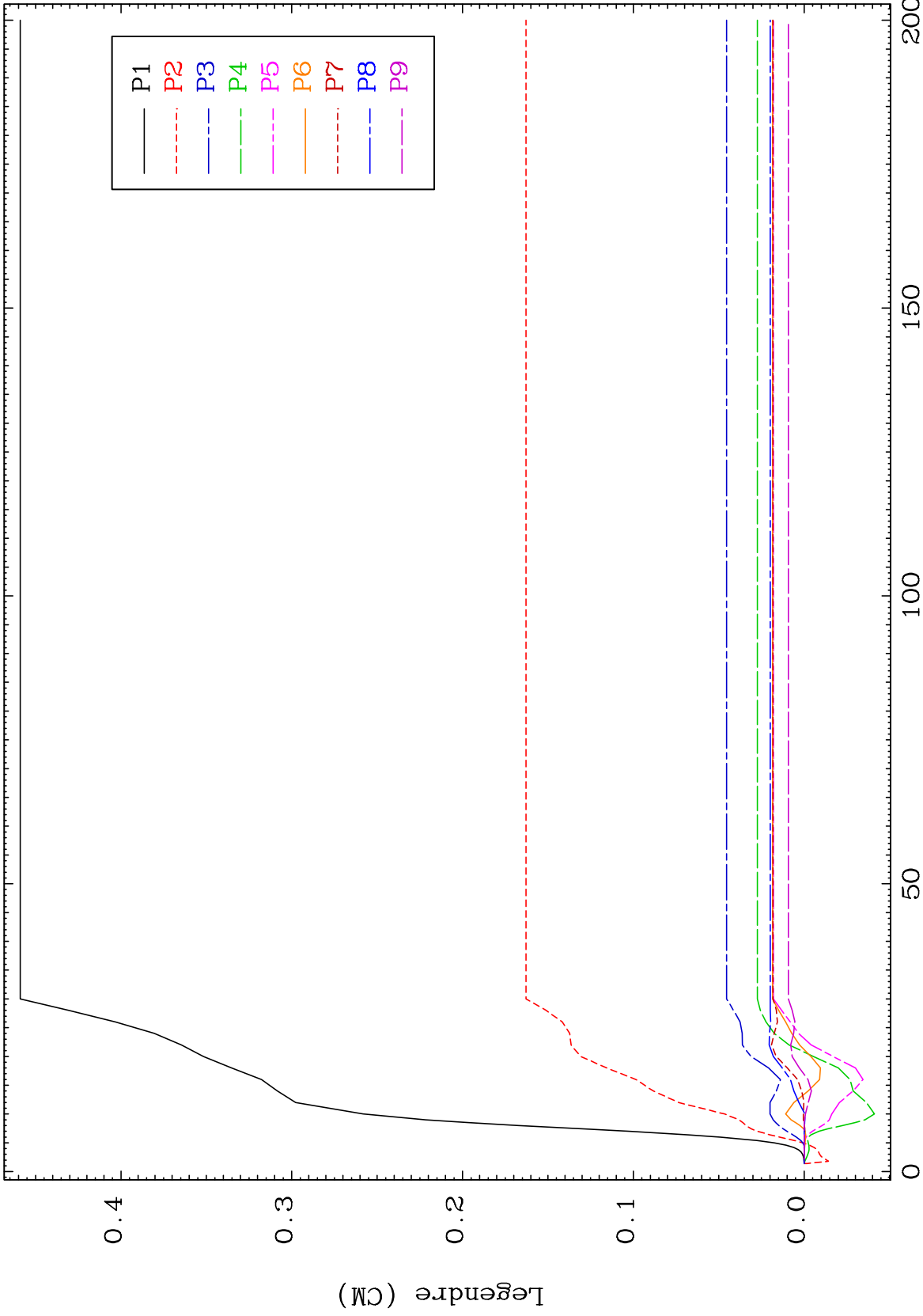
Incident Energy (MeV)

100

MAT 3531

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

35-Br-81



101

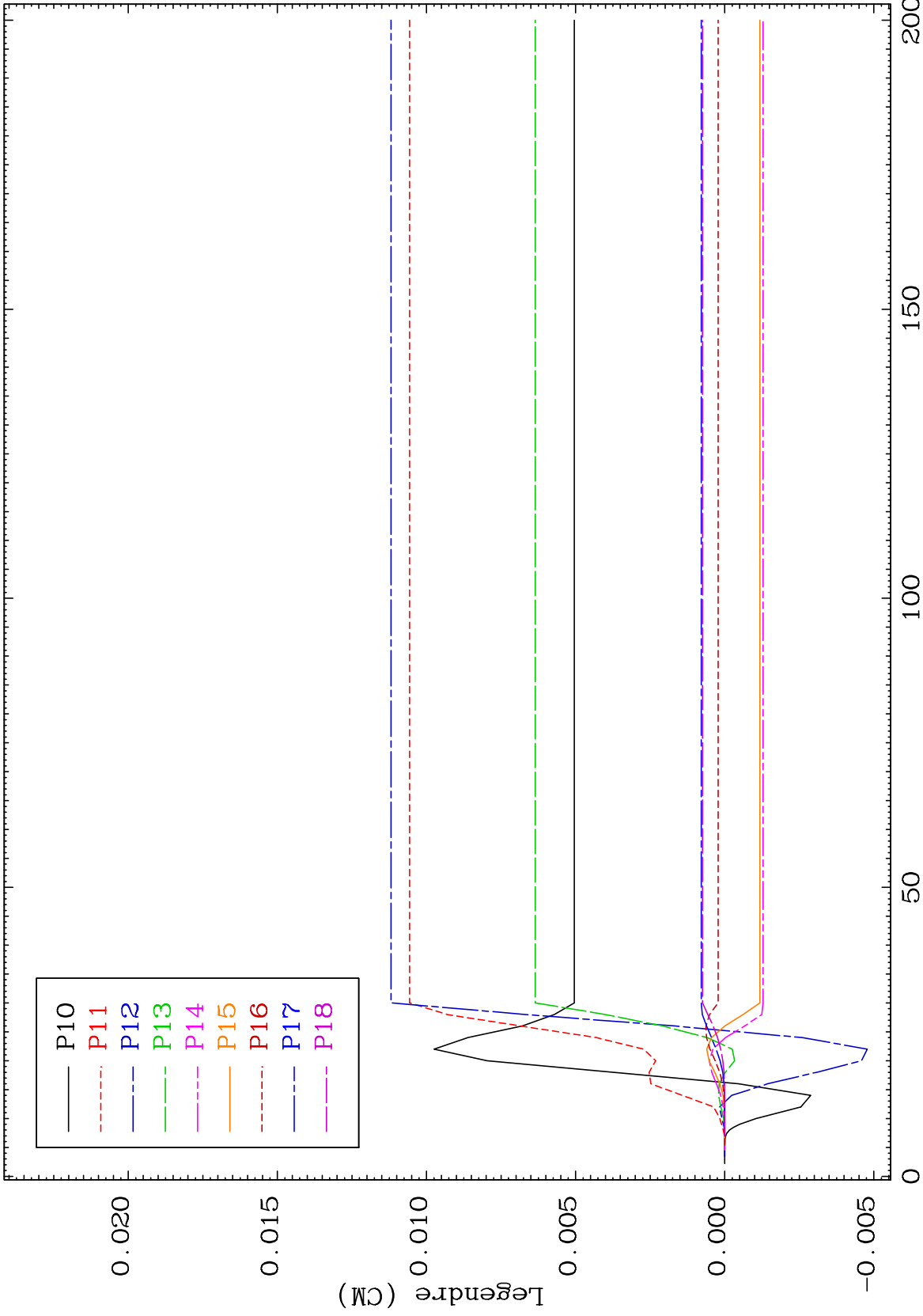
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



102

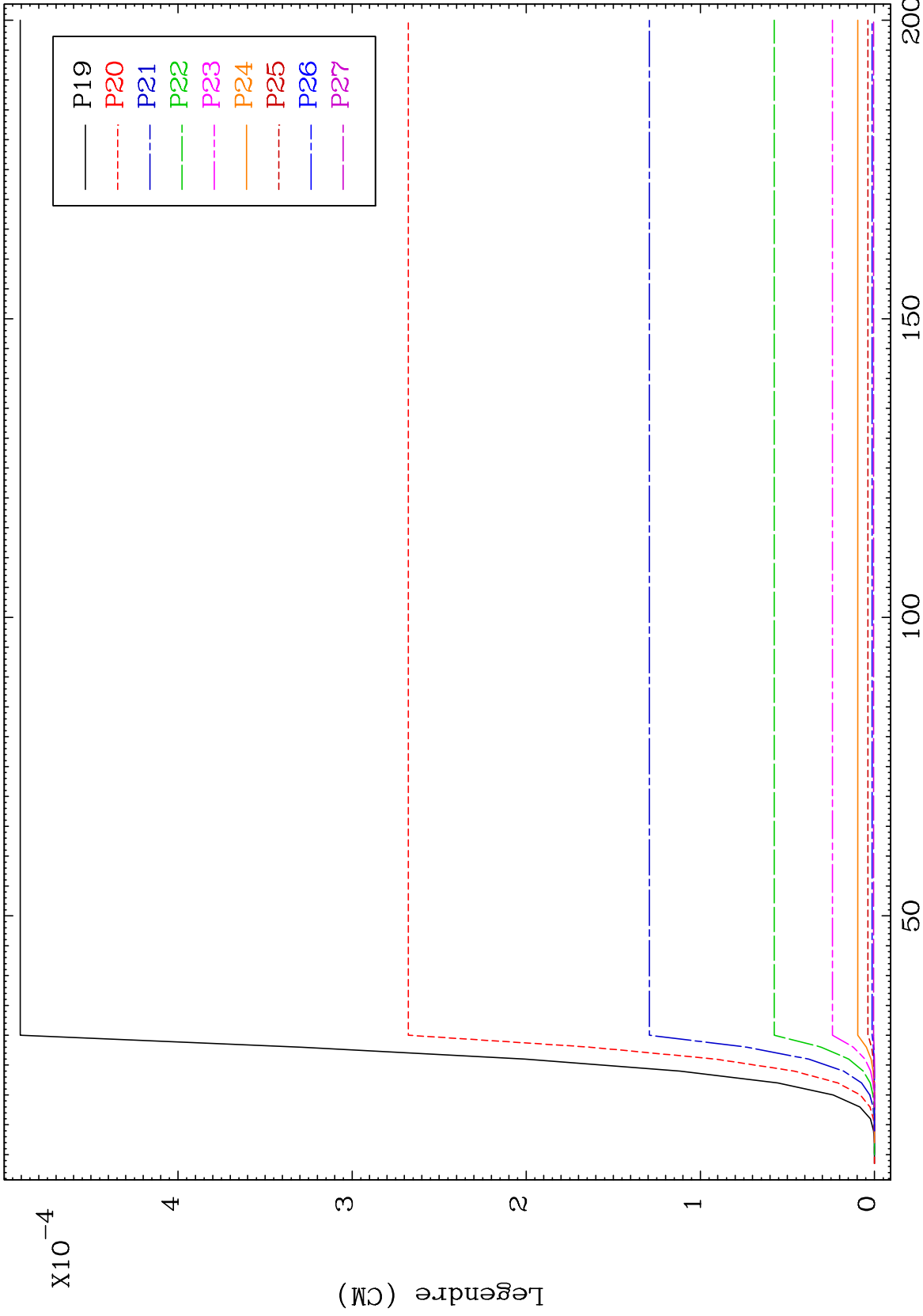
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



103

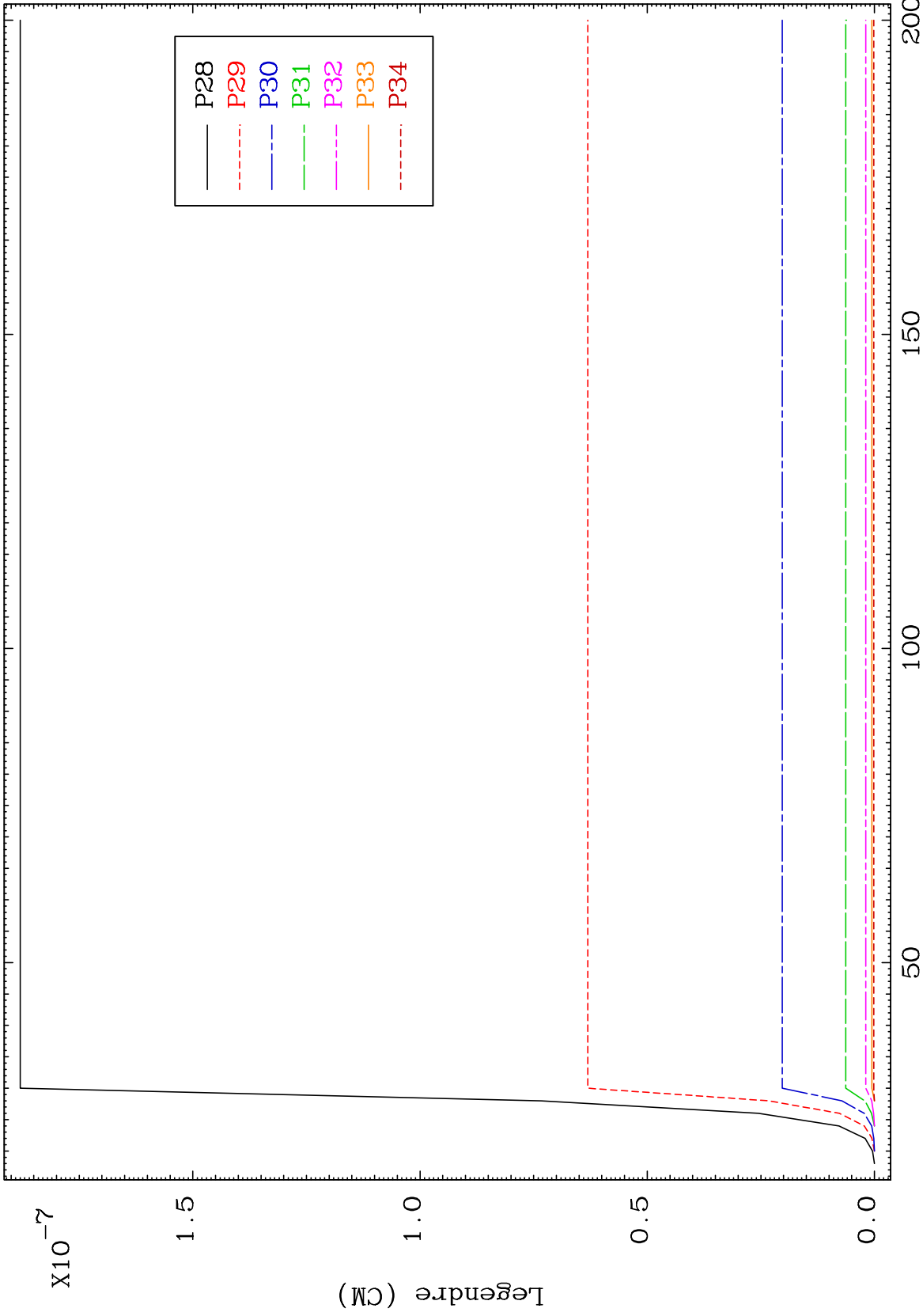
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



104

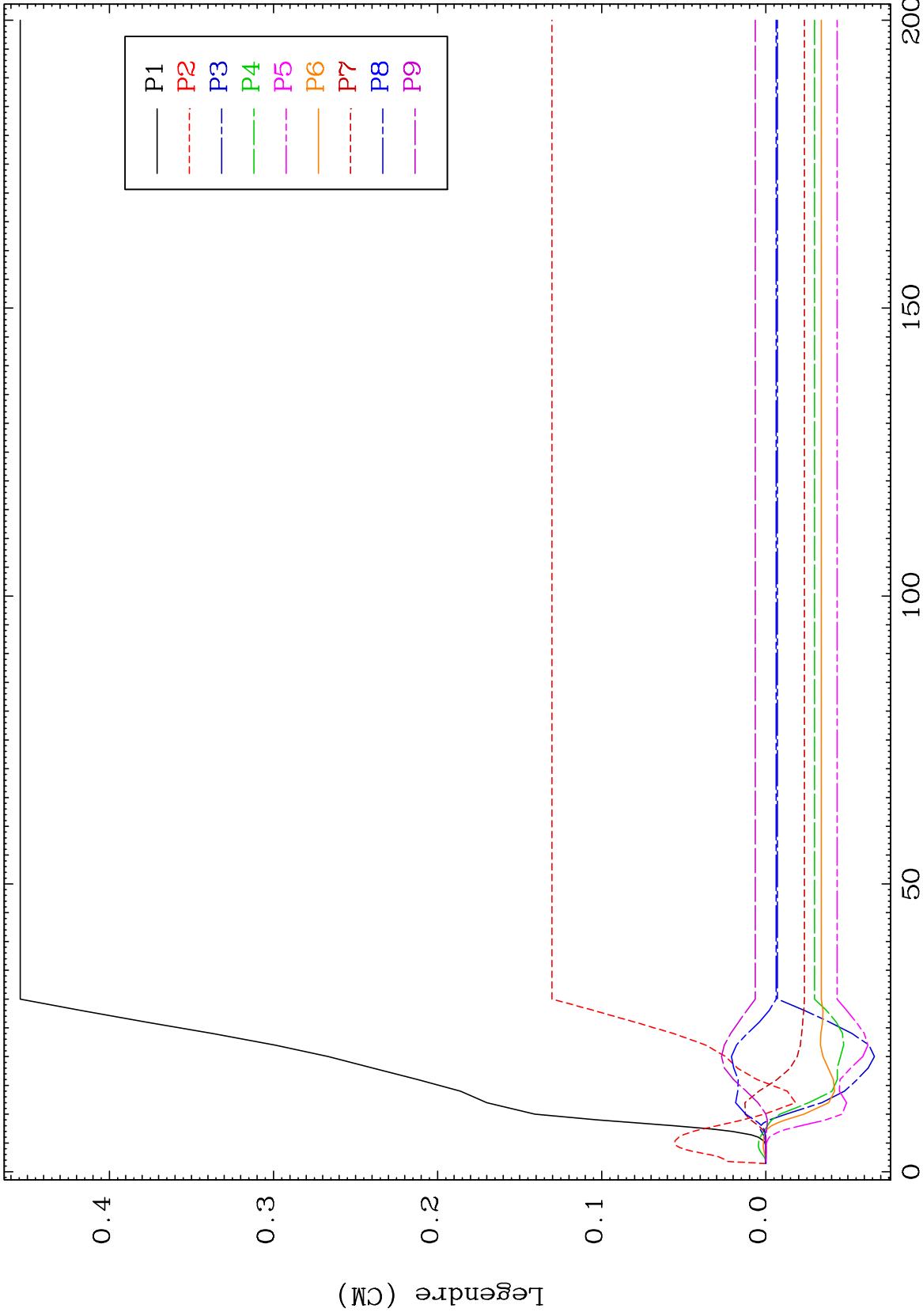
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81

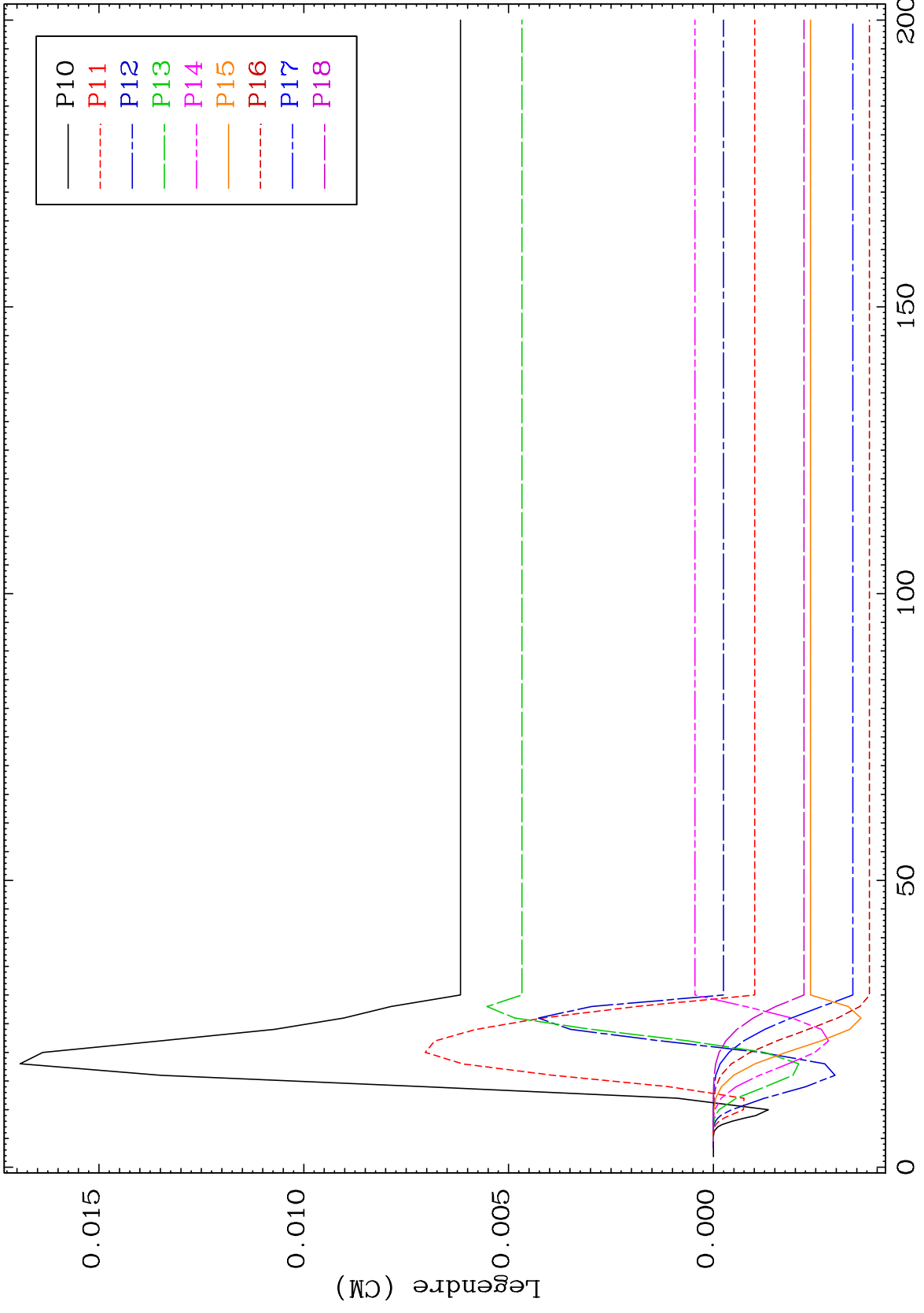


35-Br-81

Incident Energy (MeV)

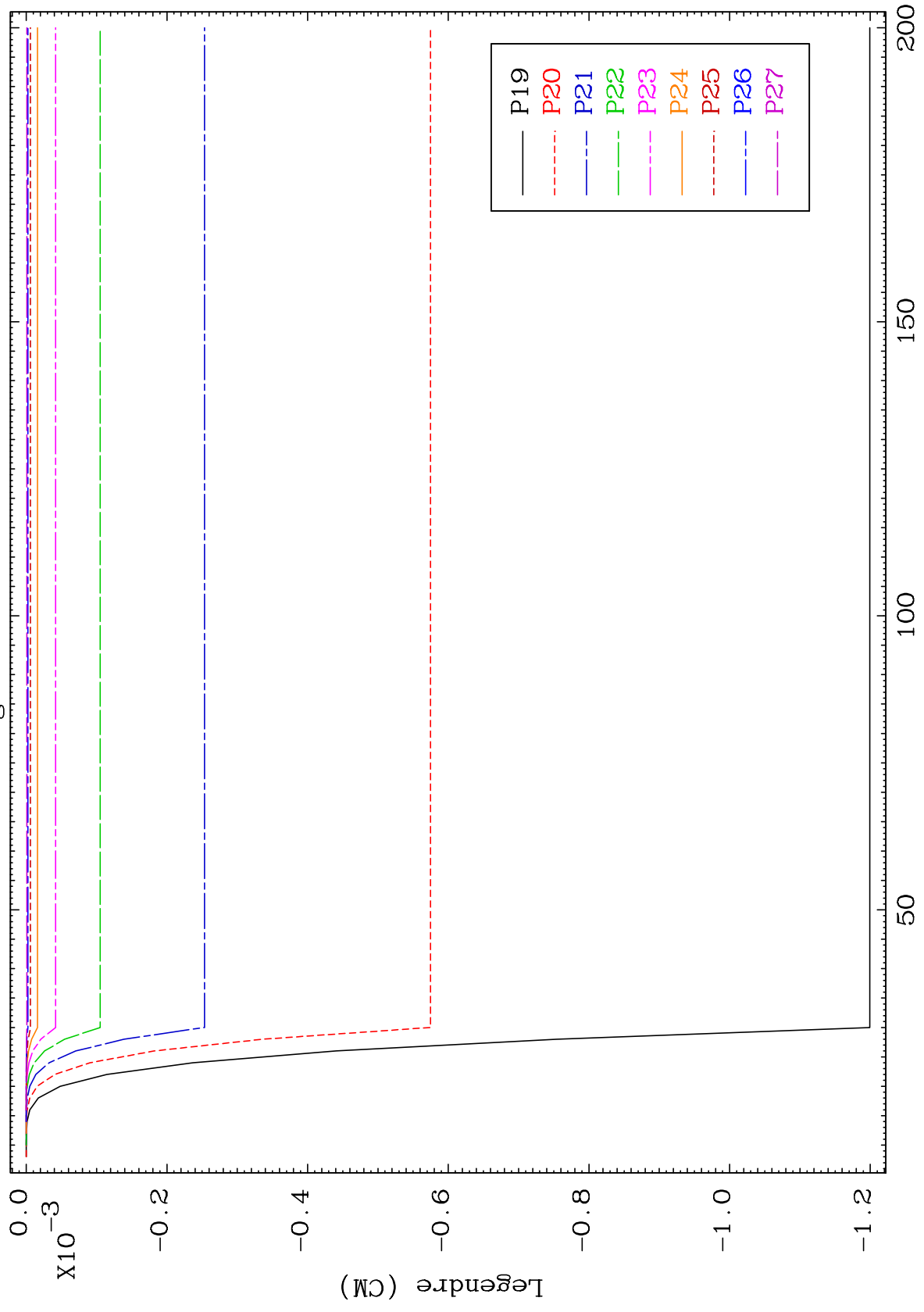
105

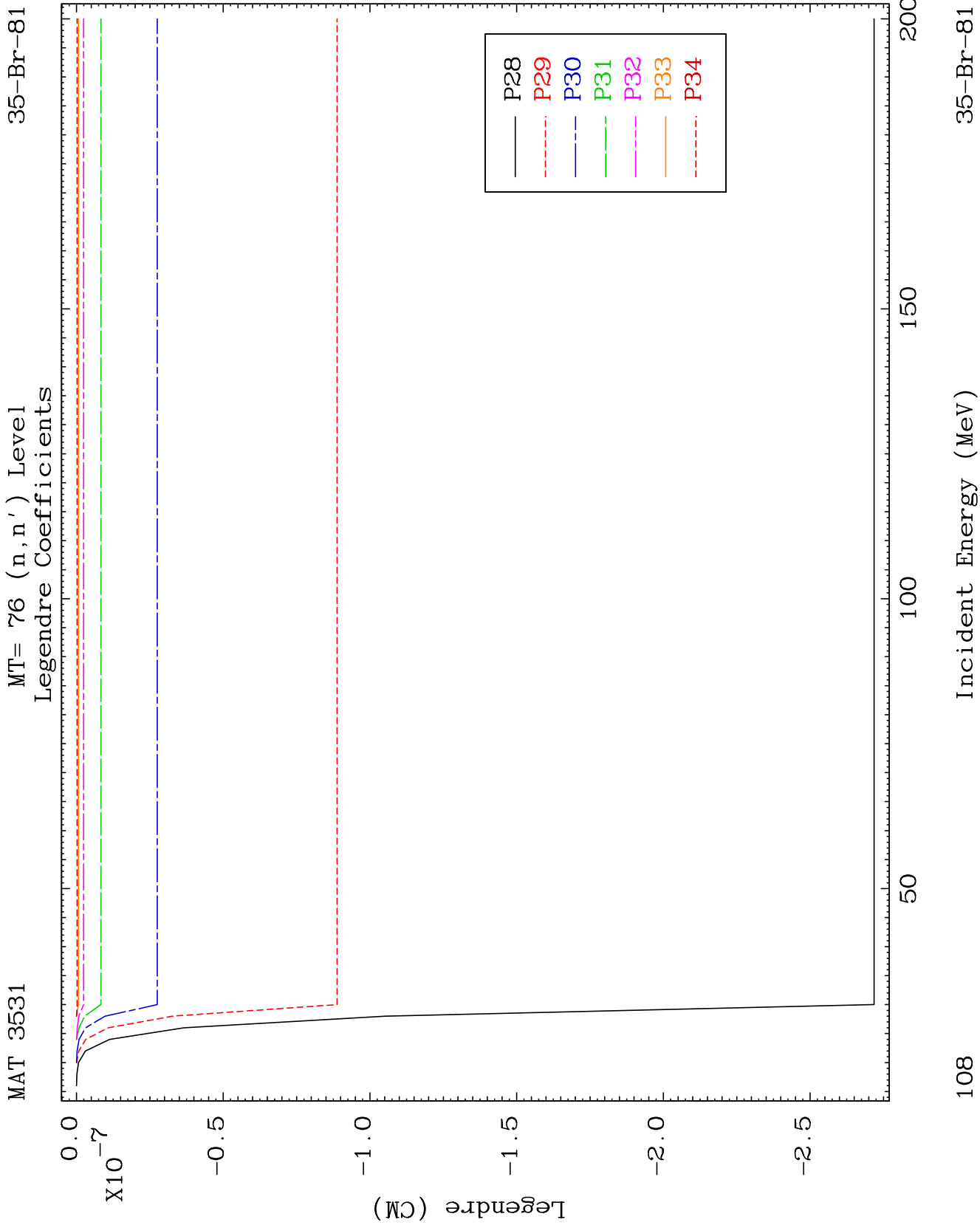
MAT 3531 MT= 76 (n,n') Level Legendre Coefficients 35-Br-81



106 35-Br-81

MAT 3531 MT= 76 (n,n') Level Legendre Coefficients 35-Br-81

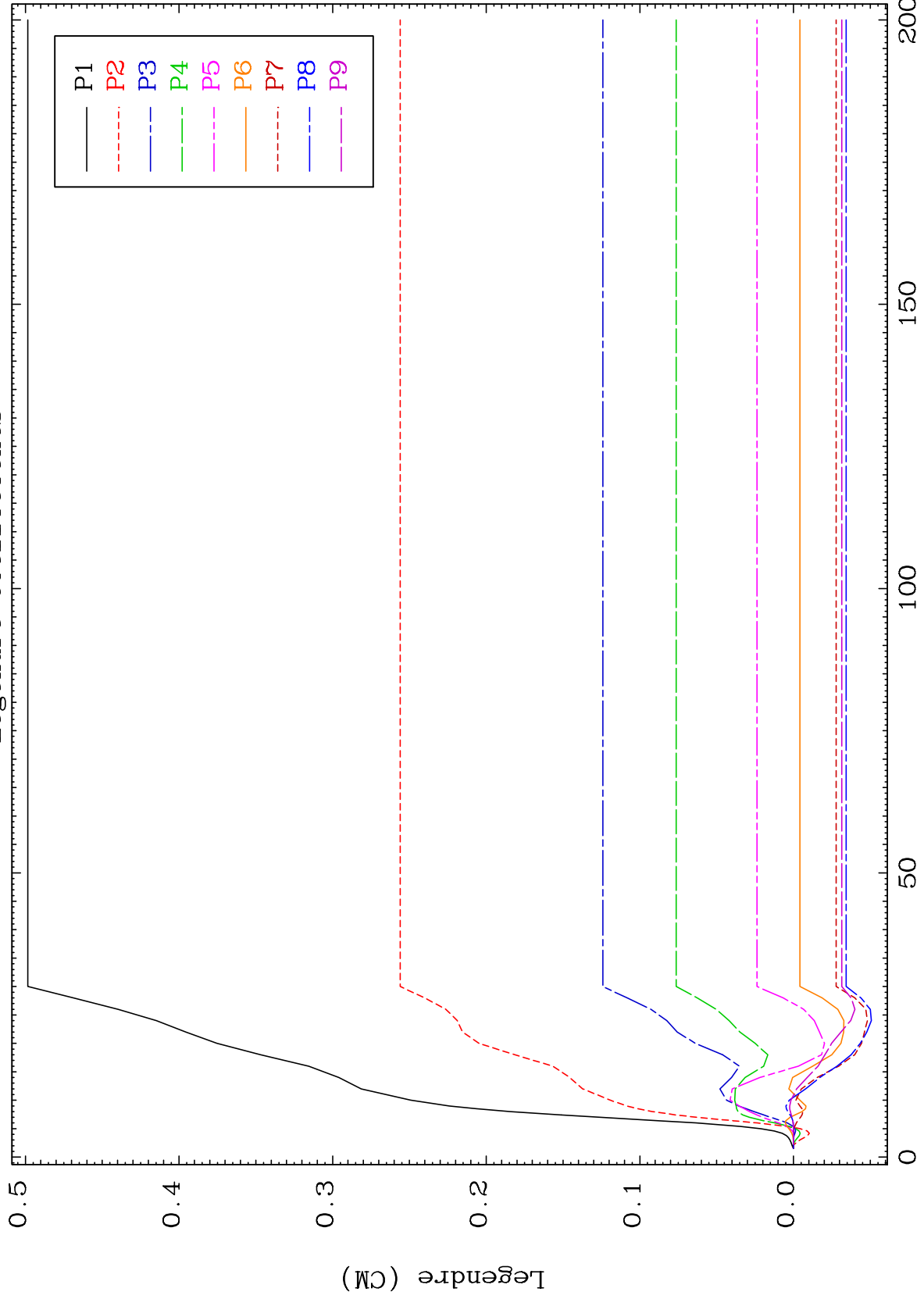




MAT 3531

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

35-Br-81



109

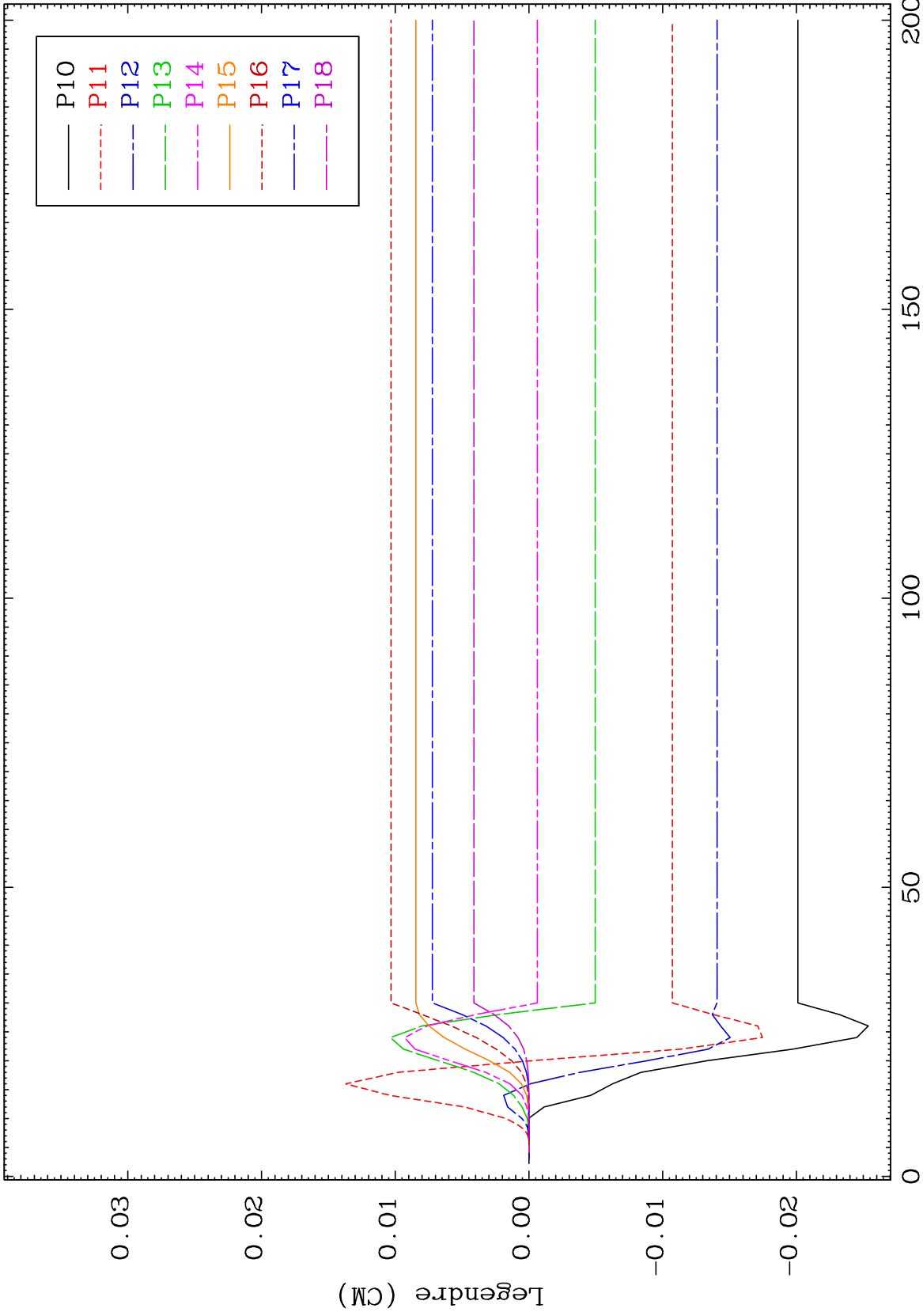
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



110

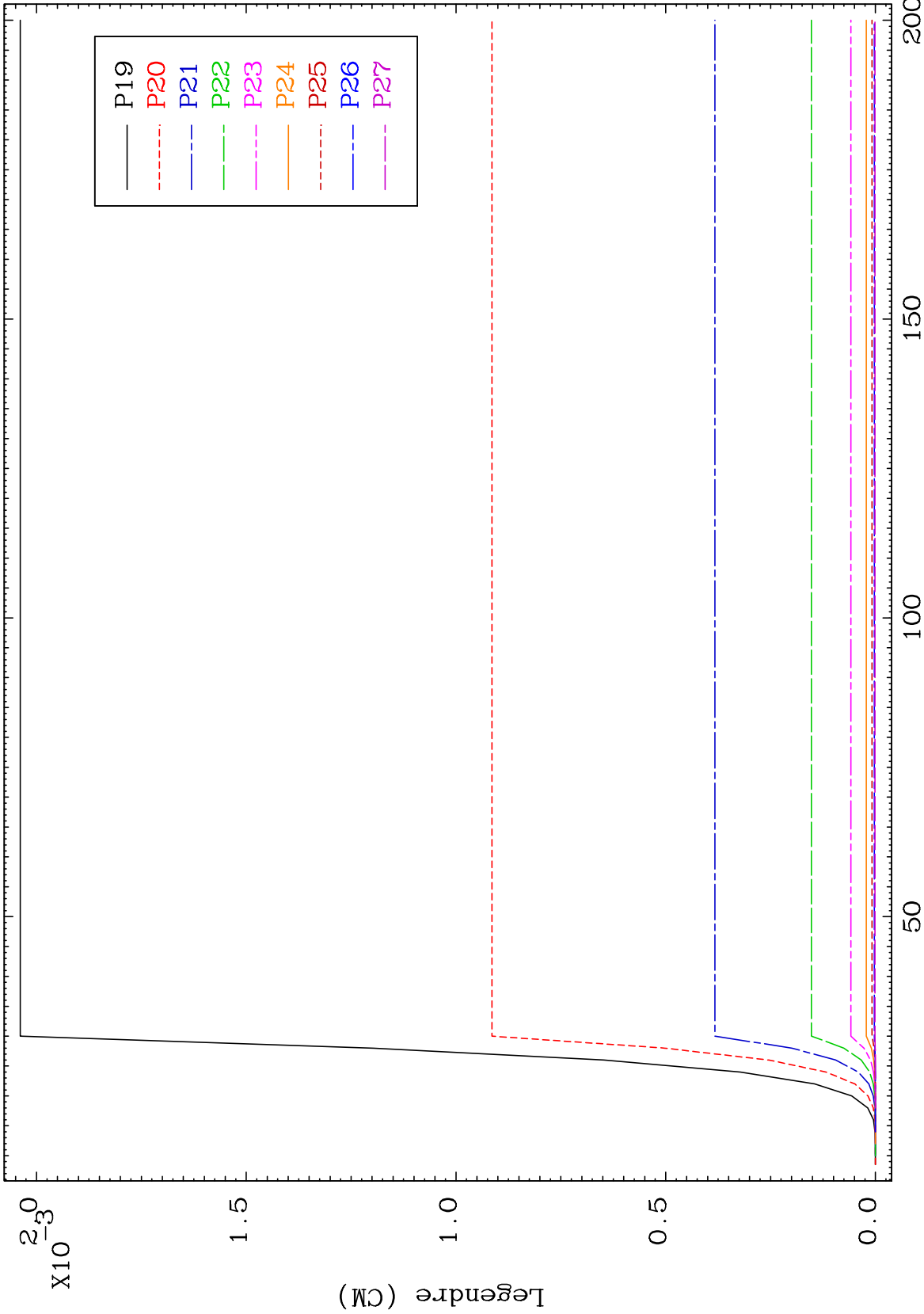
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



111

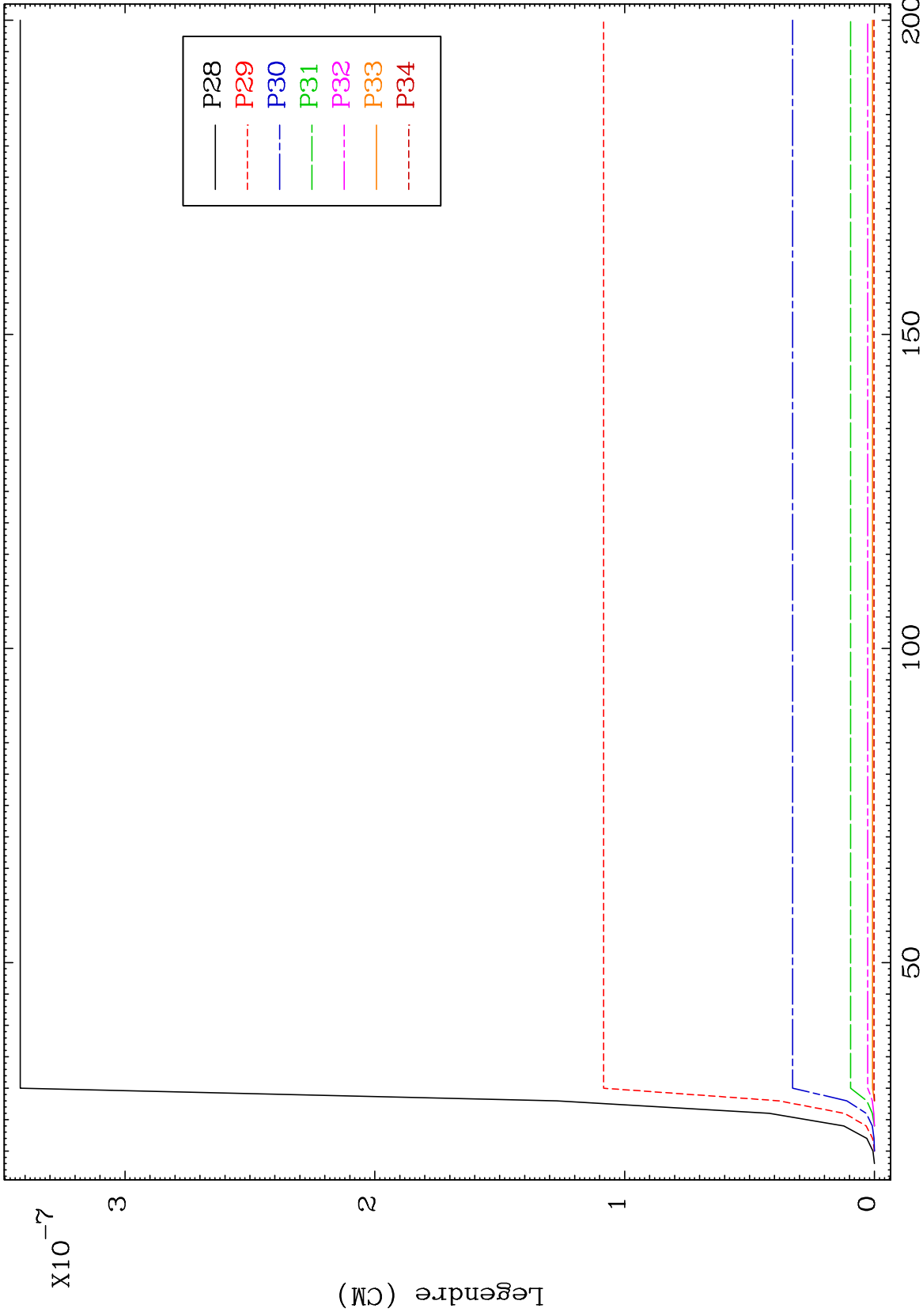
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



112

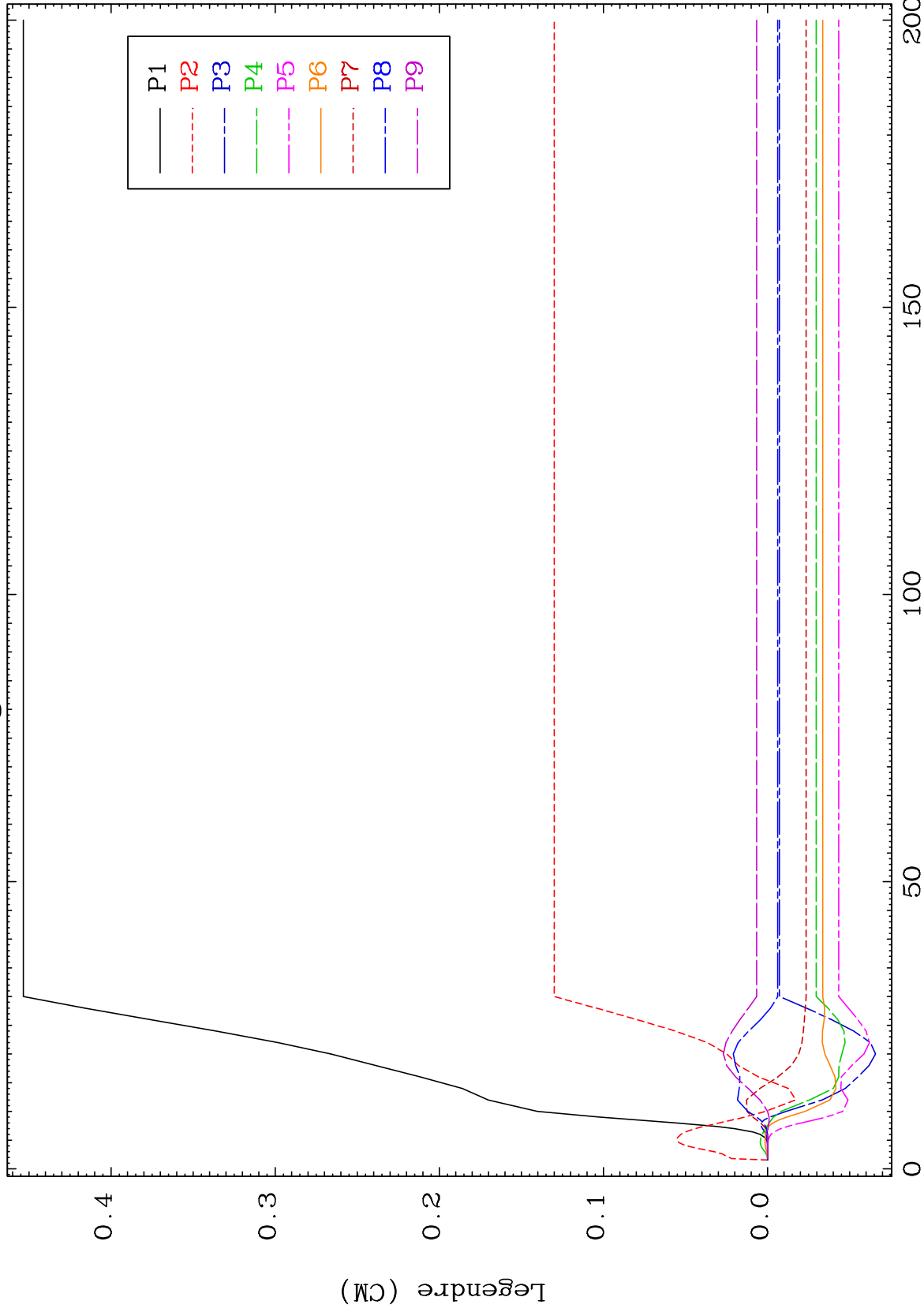
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81

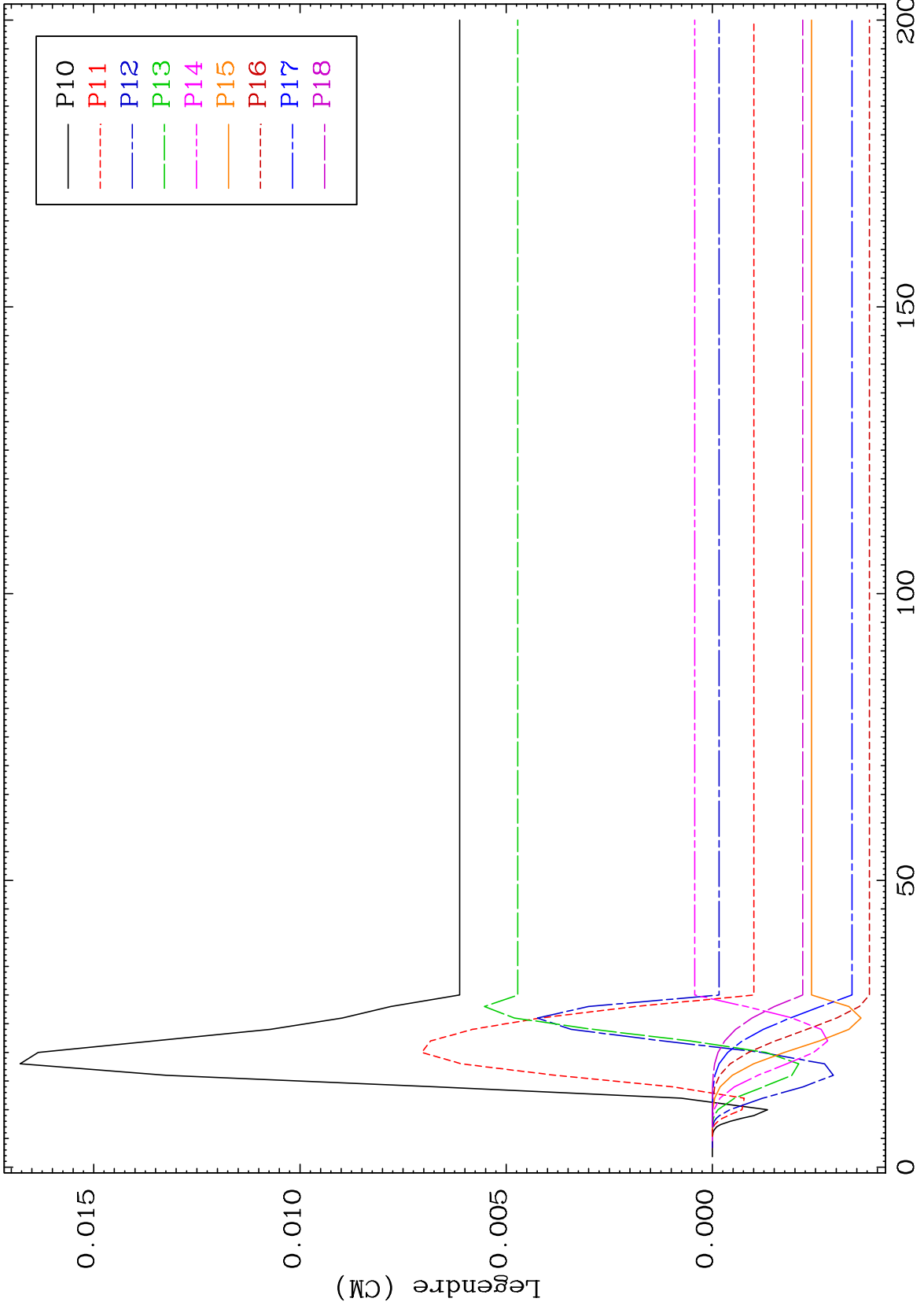


113

Incident Energy (MeV)

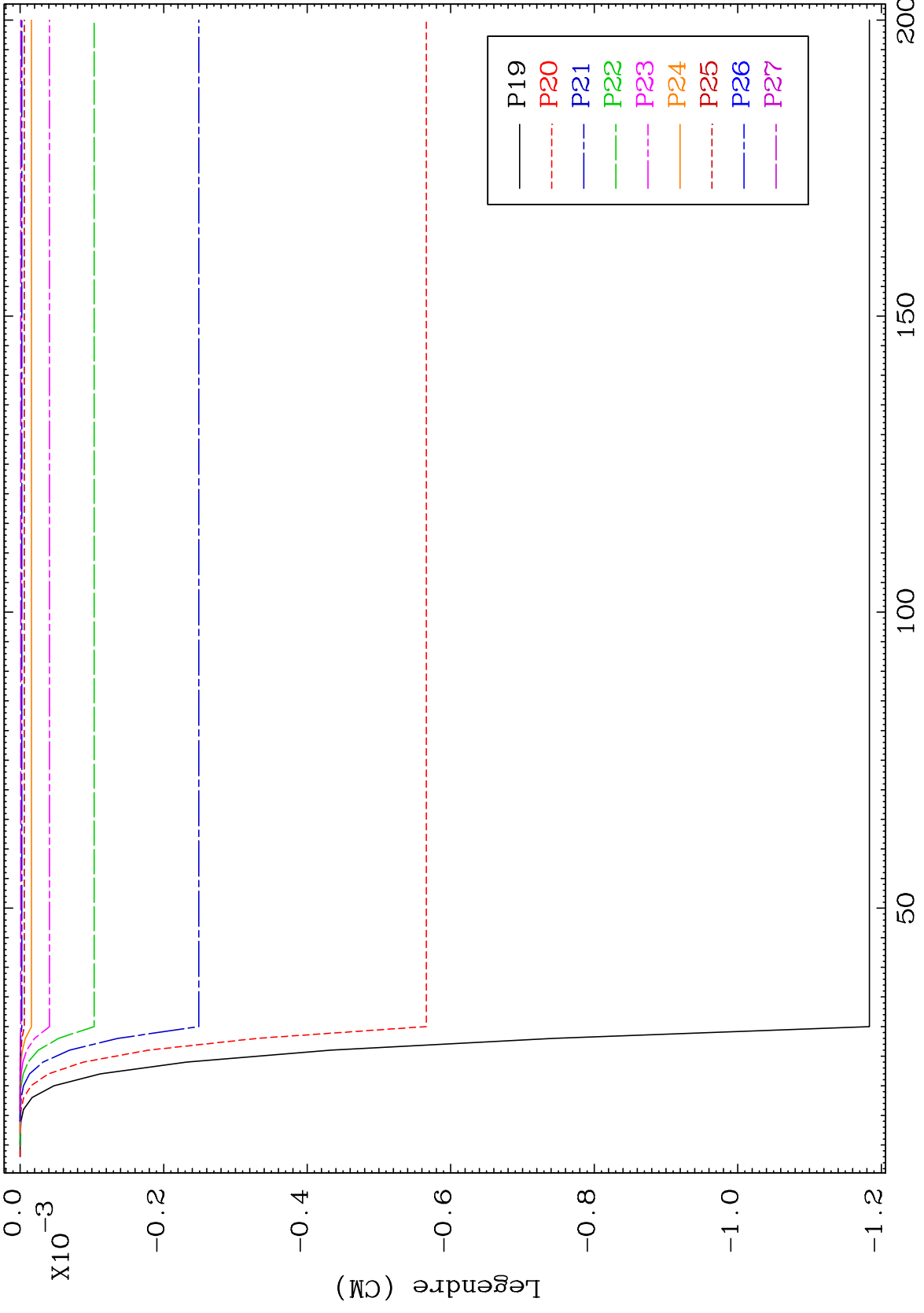
35-Br-81

MAT 3531 MT= 78 (n,n') Level Legendre Coefficients 35-Br-81



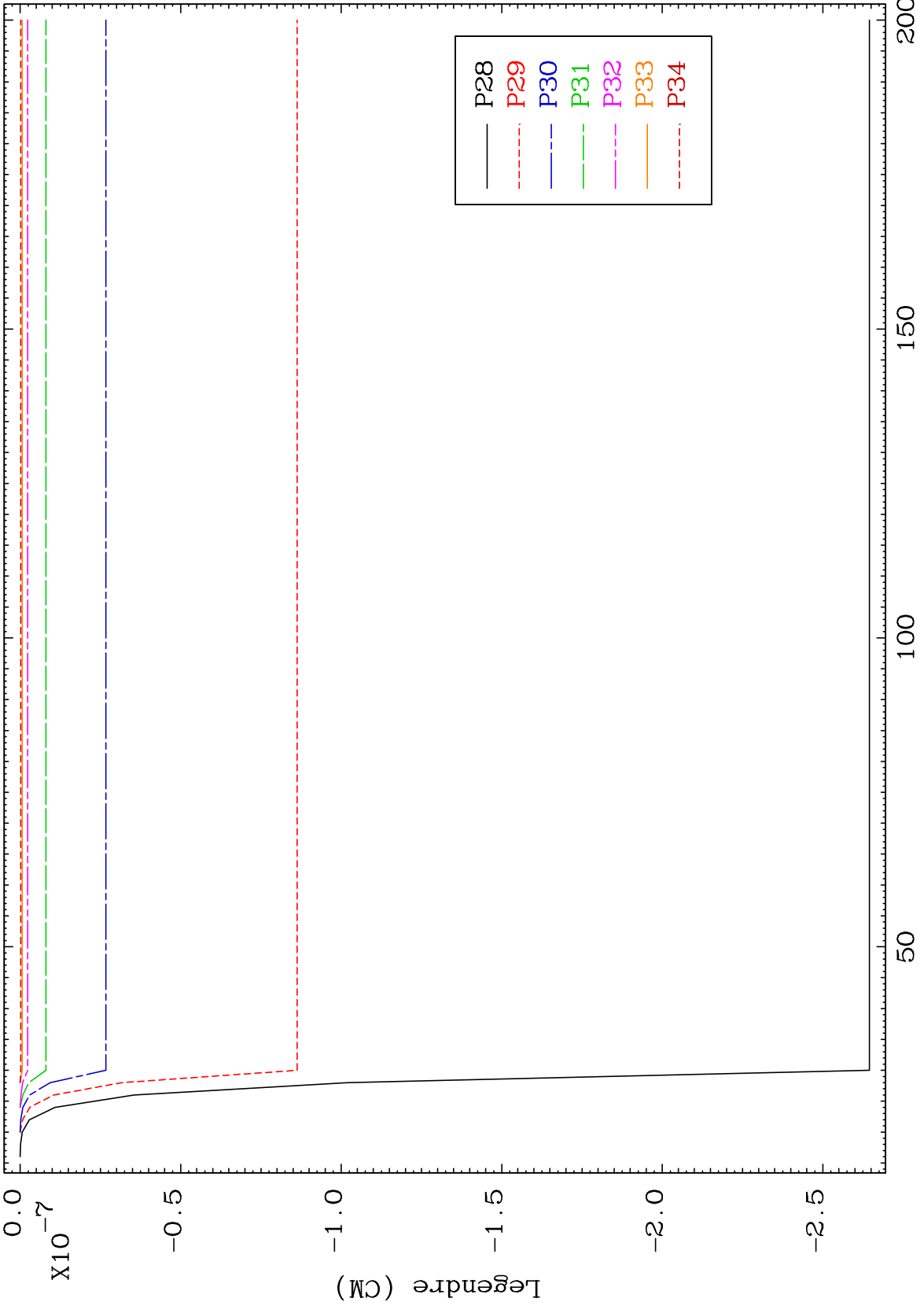
114 35-Br-81

MAT 3531 MT= 78 (n,n') Level Legendre Coefficients 35-Br-81



115 35-Br-81

MAT 3531 MT= 78 (n,n') Level Legendre Coefficients 35-Br-81

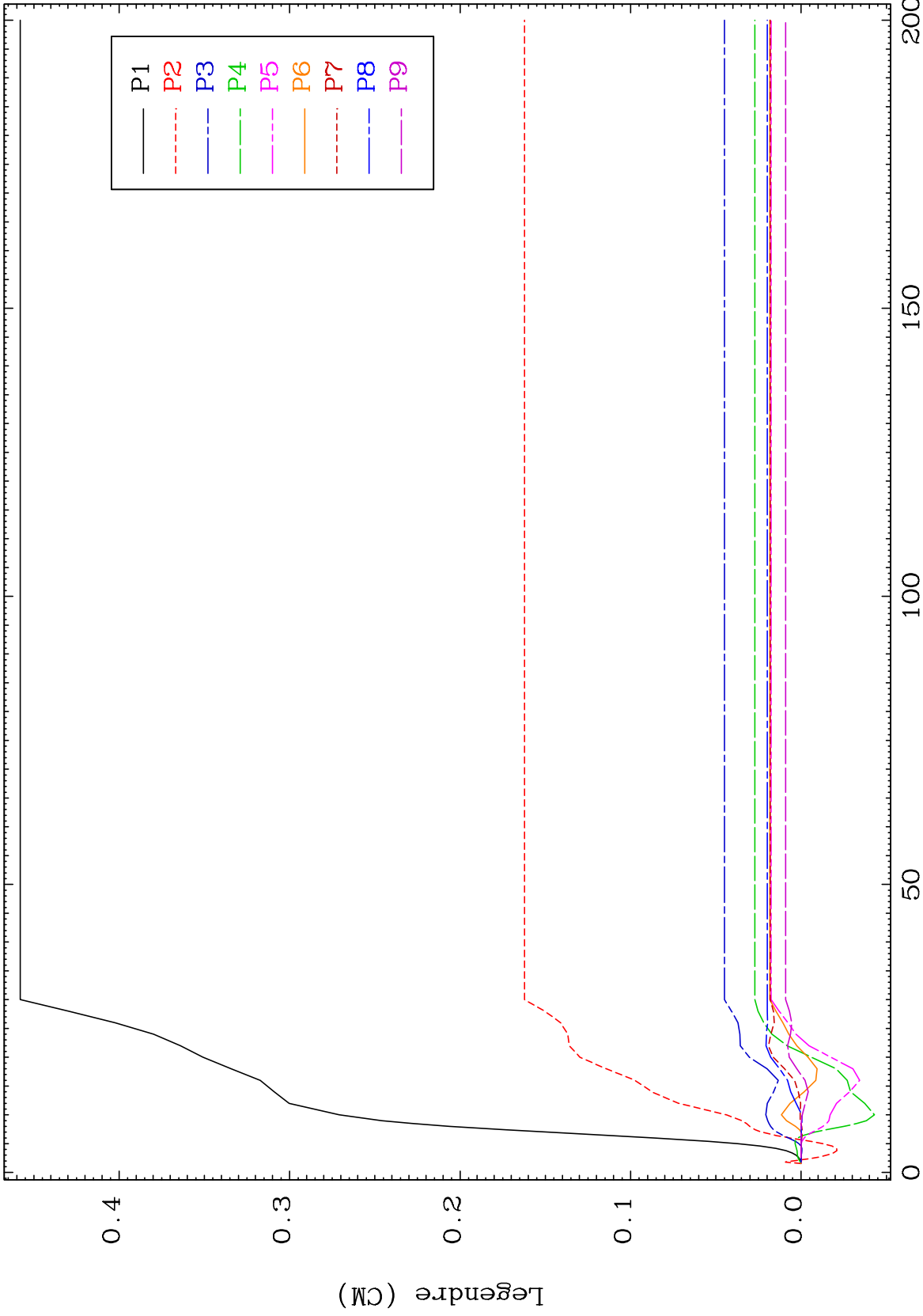


116 35-Br-81

MAT 3531

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

35-Br-81



117

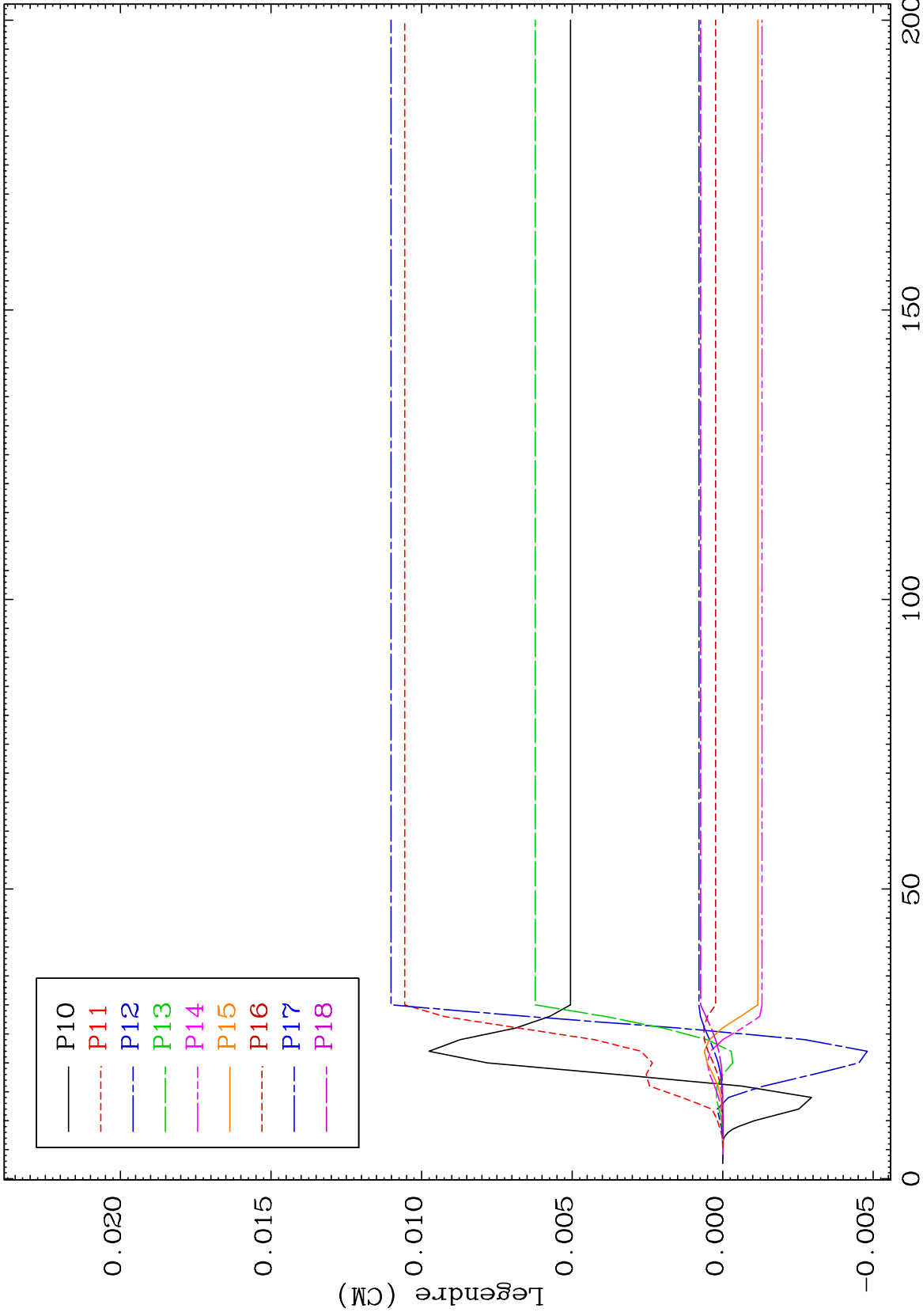
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



118

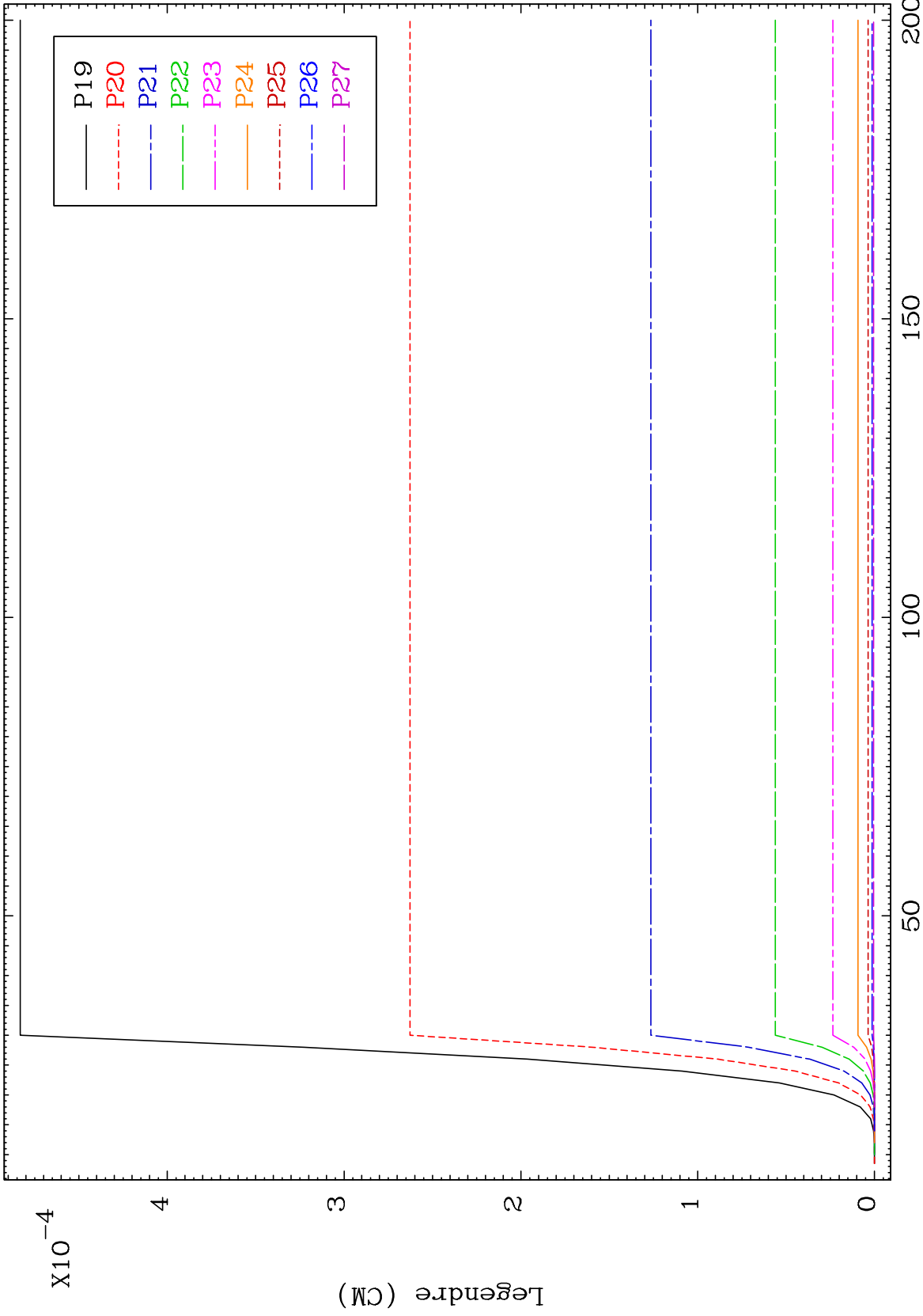
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



119

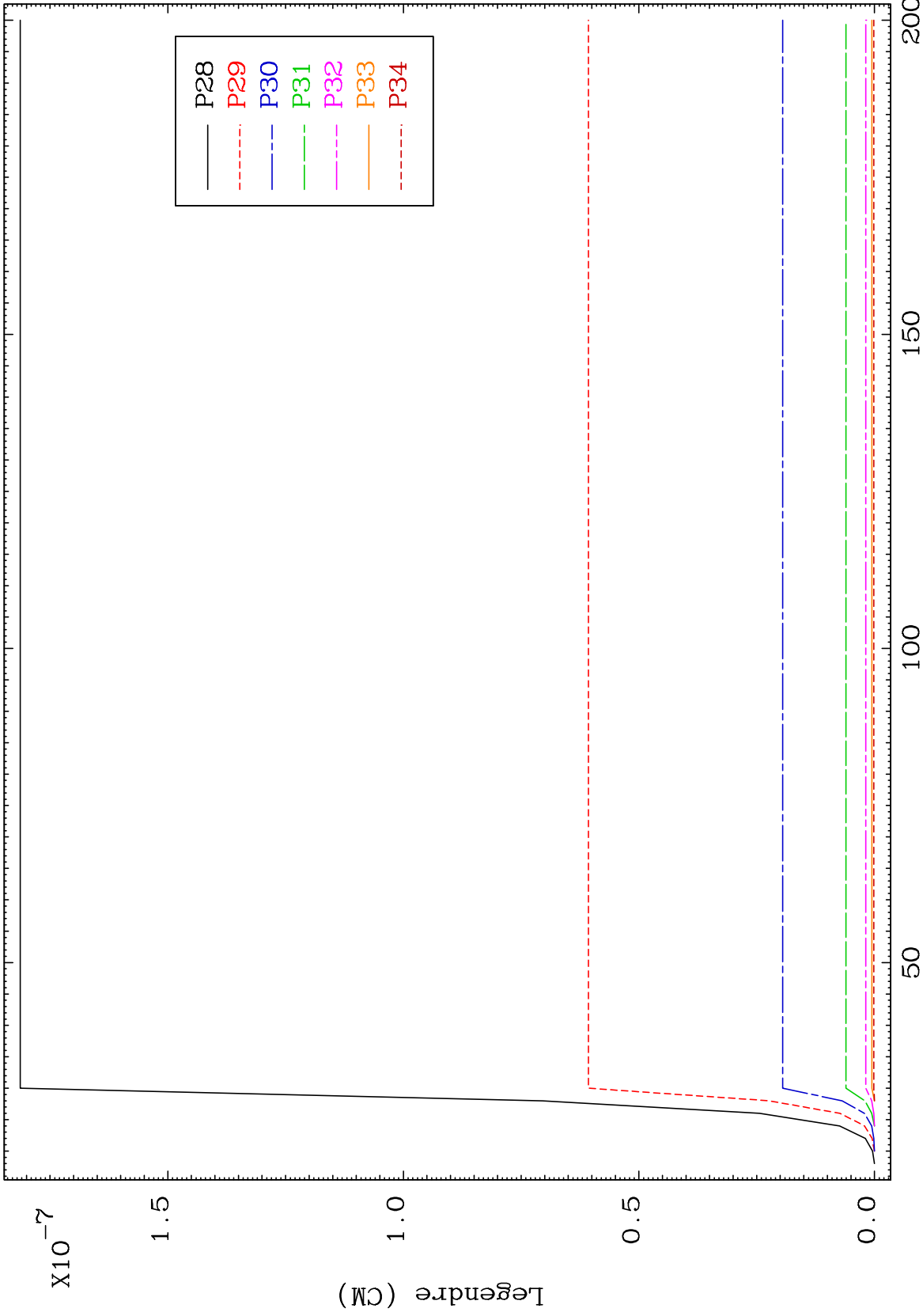
Incident Energy (MeV)

35-Br-81

MAT 3531

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

35-Br-81



35-Br-81

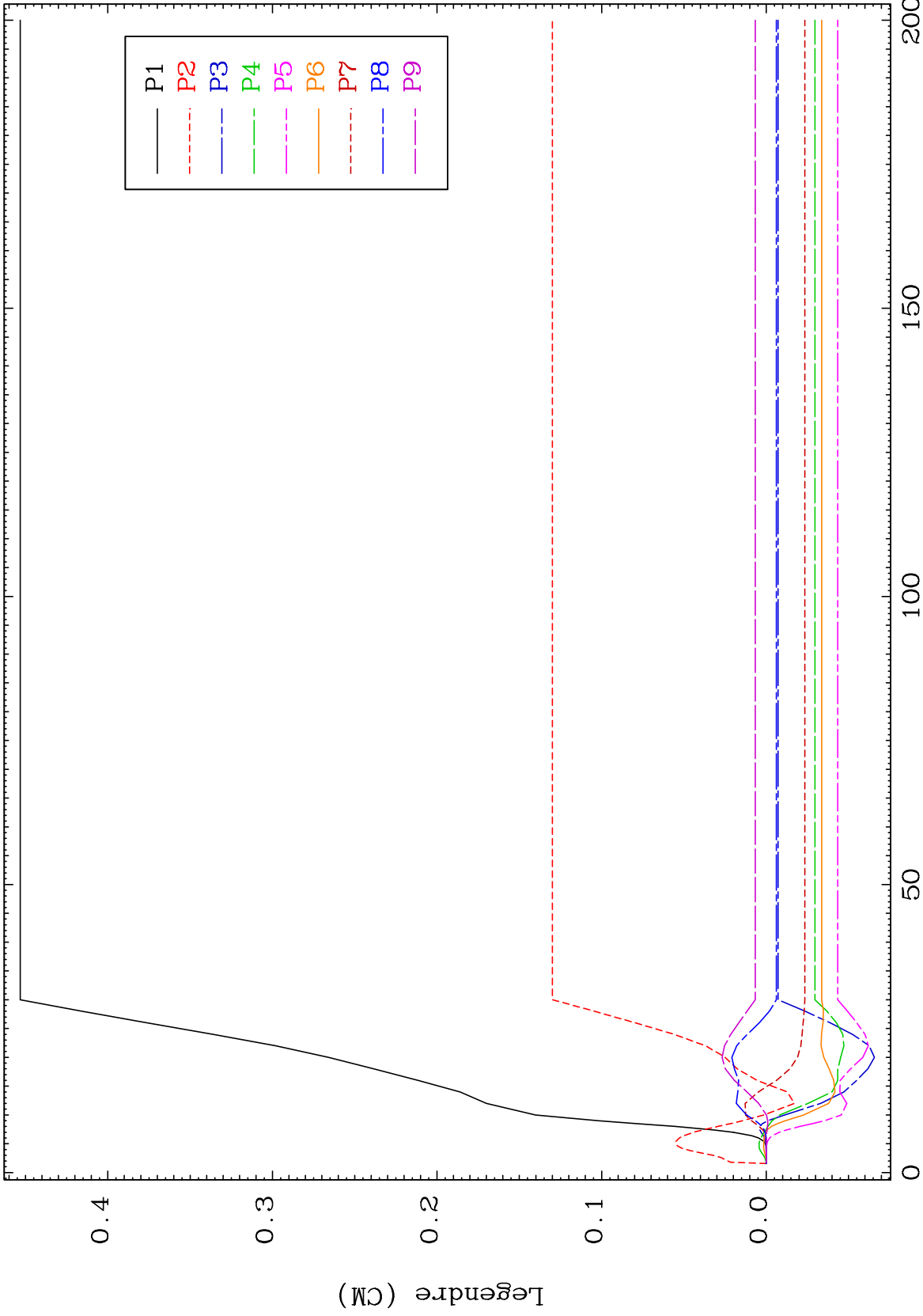
Incident Energy (MeV)

120

MAT 3531

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

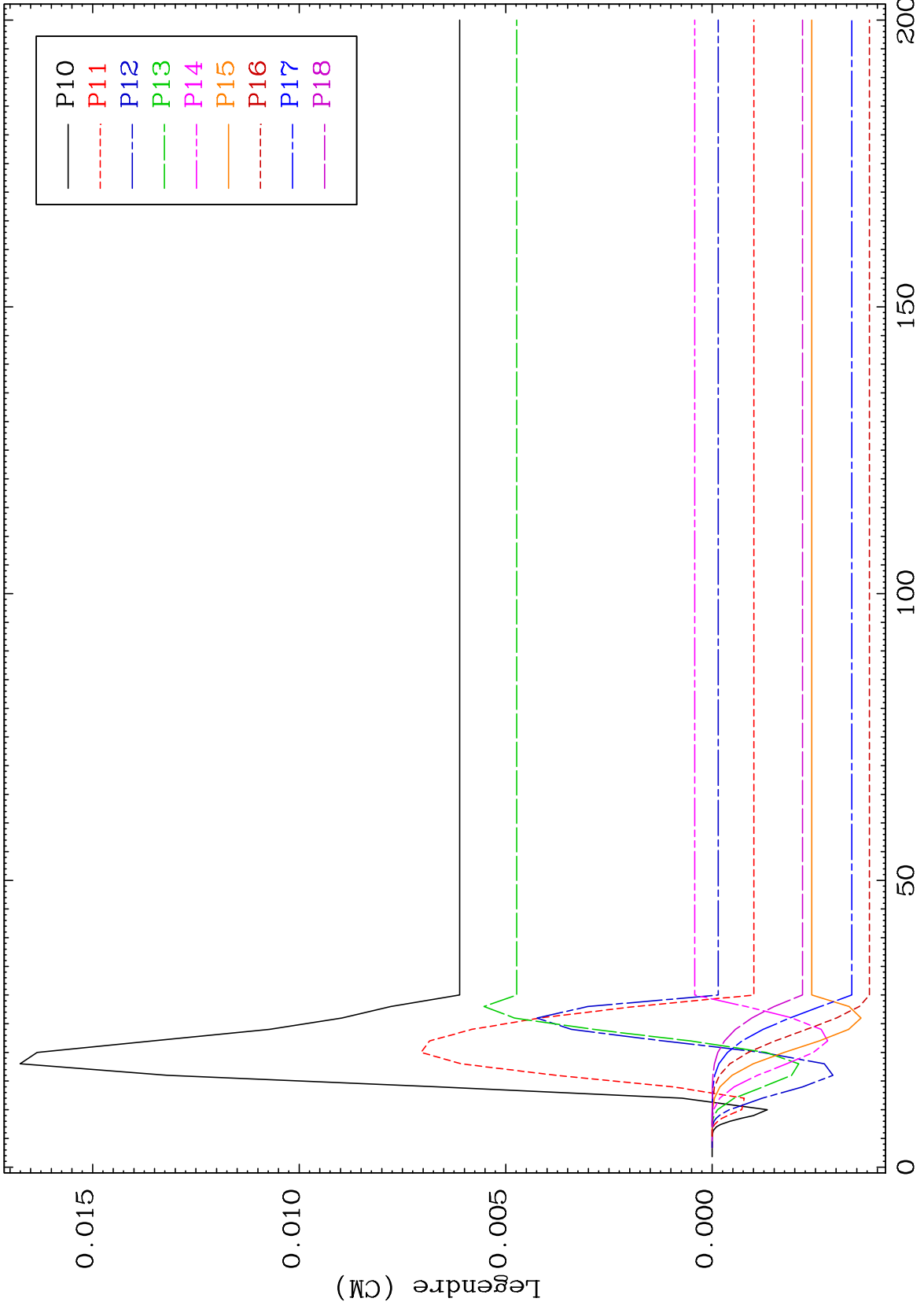
35-Br-81



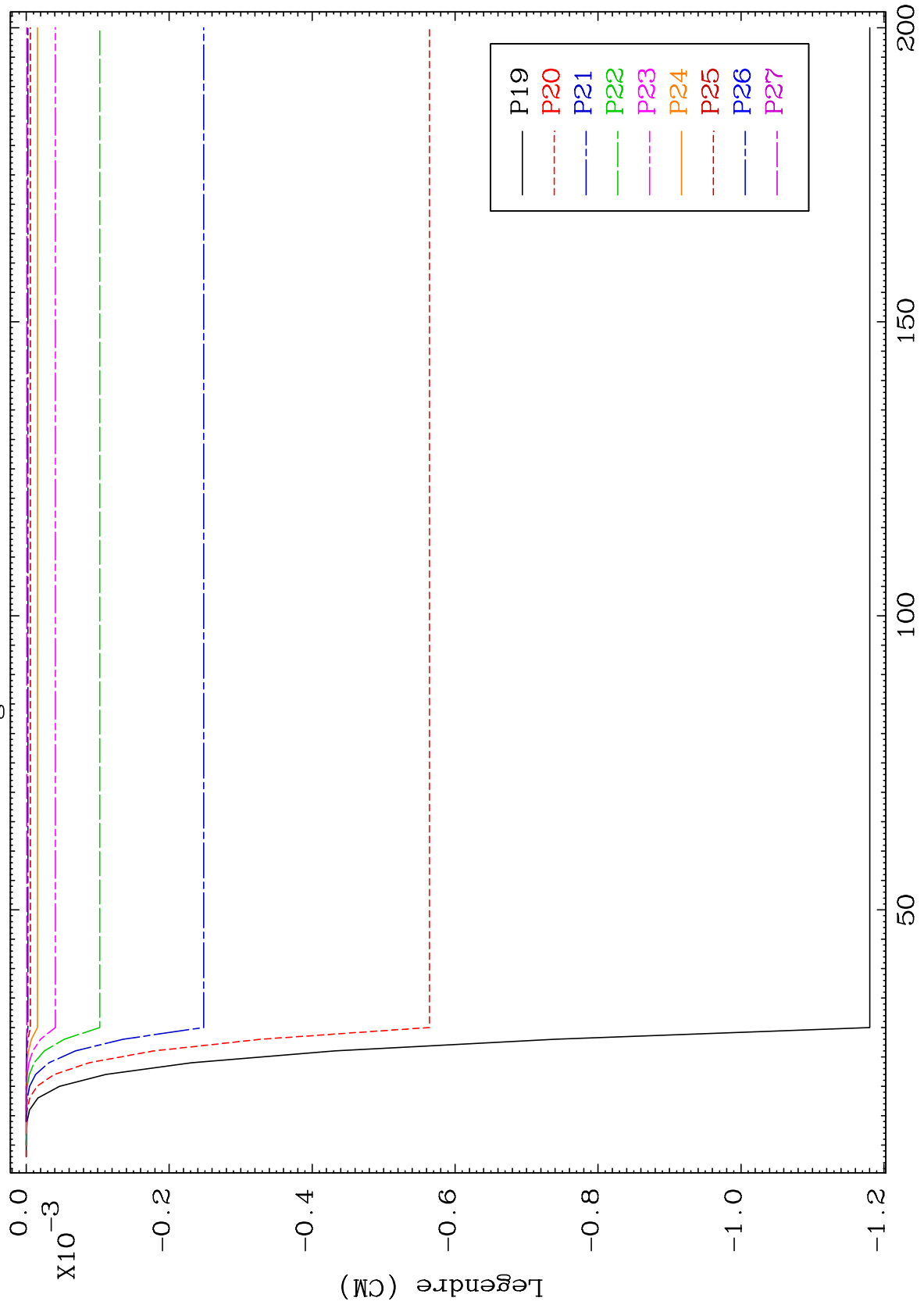
121

Incident Energy (MeV)

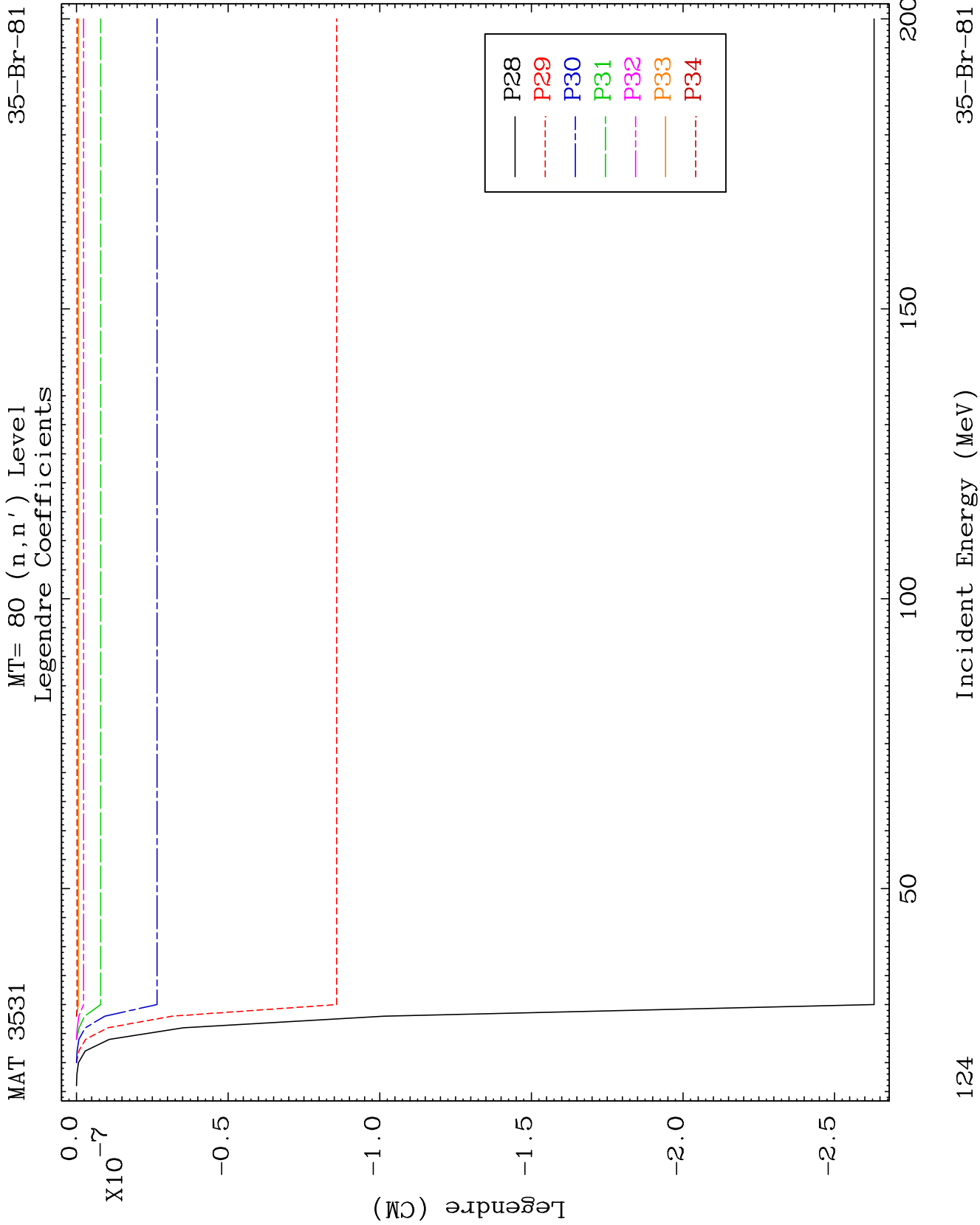
35-Br-81



MAT 3531 MT= 80 (n,n') Level Legendre Coefficients 35-Br-81



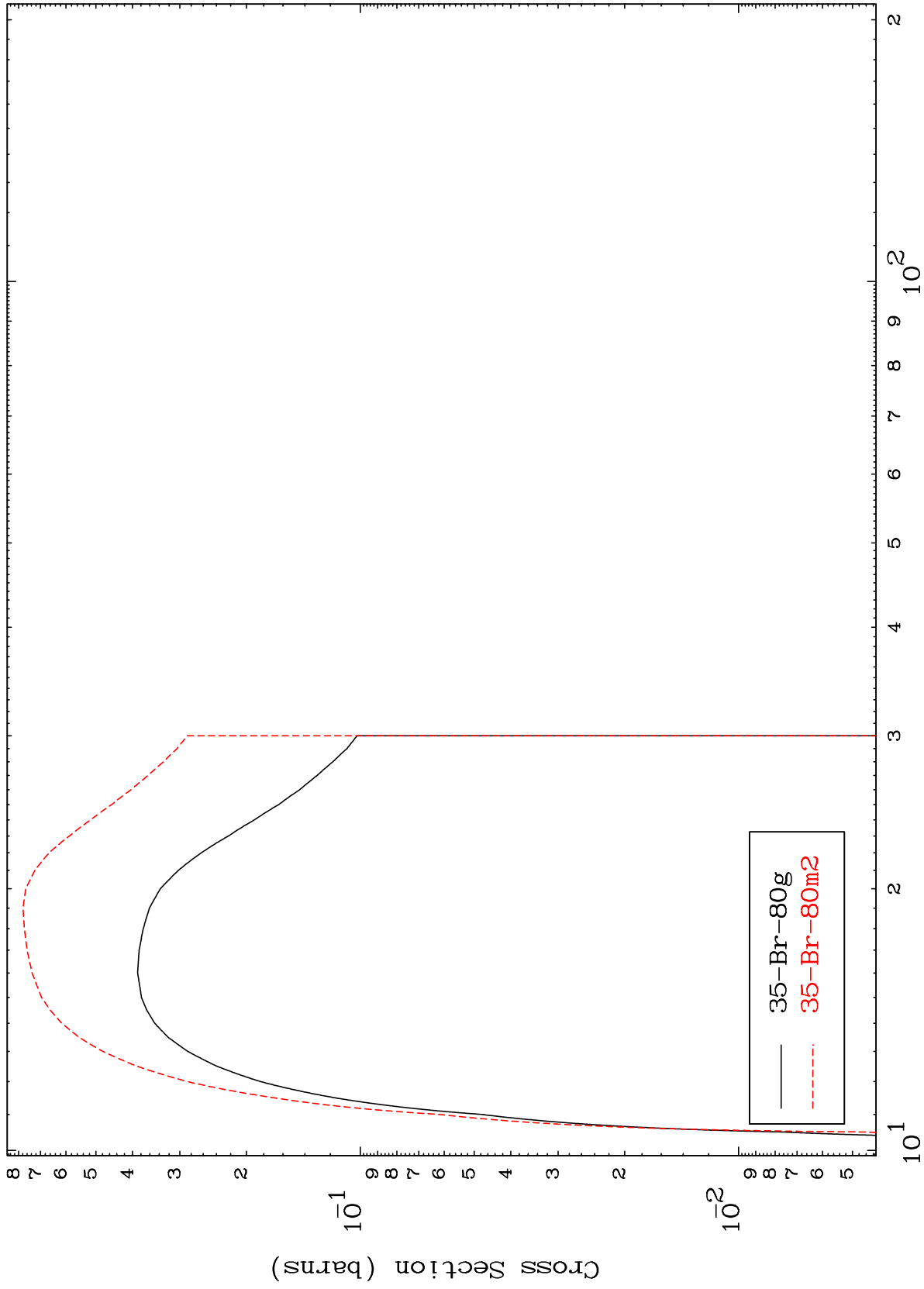
123 35-Br-81



MAT 3531

35-Br-81

(n,2n)
Radionuclide Production Cross Section



125

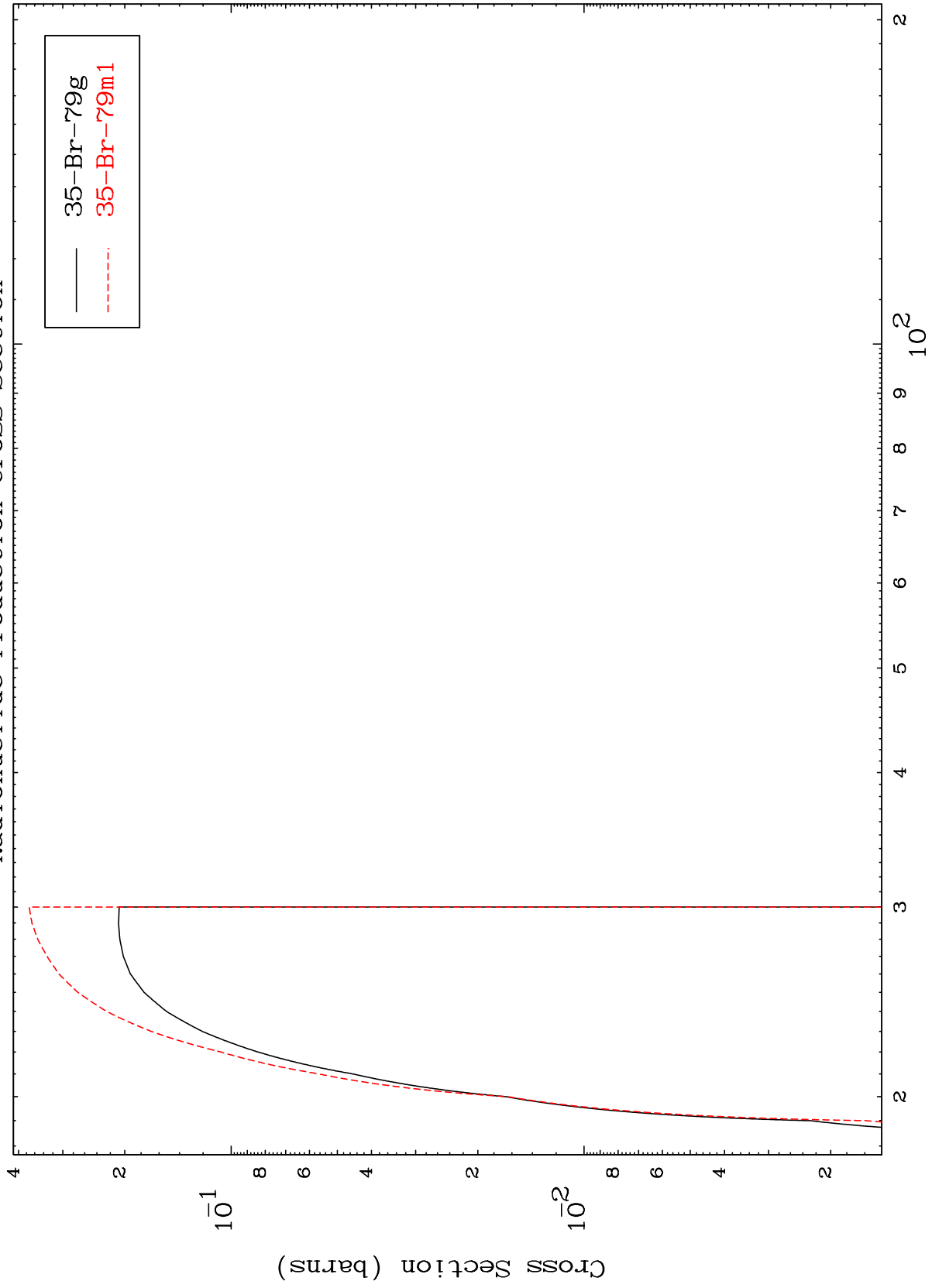
Incident Energy (MeV)

35-Br-81

MAT 3531

³⁵Br-81

(n,3n)
Radionuclide Production Cross Section



126

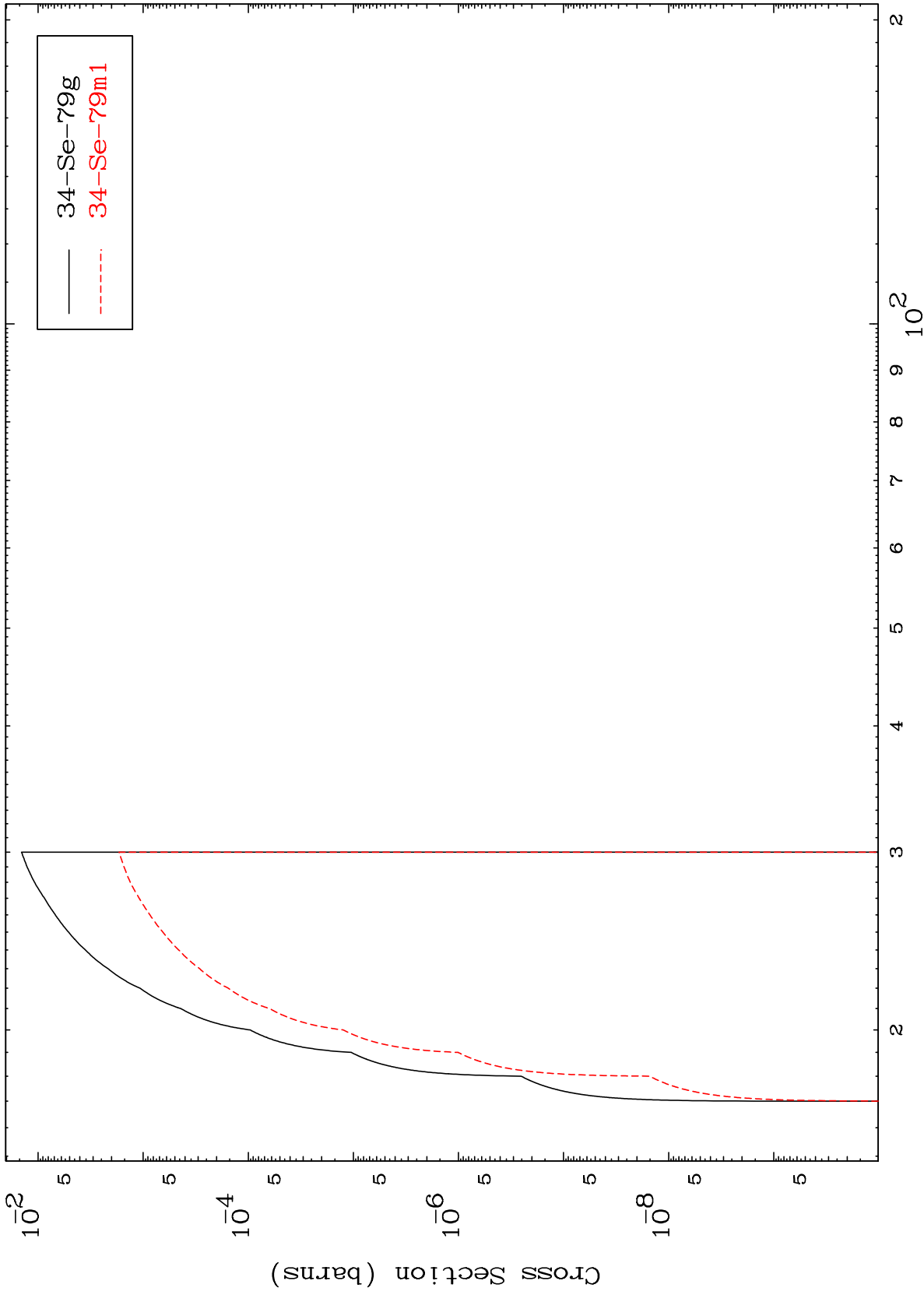
³⁵Br-81

MAT 3531

(n,n') d

35-Br-81

Radionuclide Production Cross Section



127

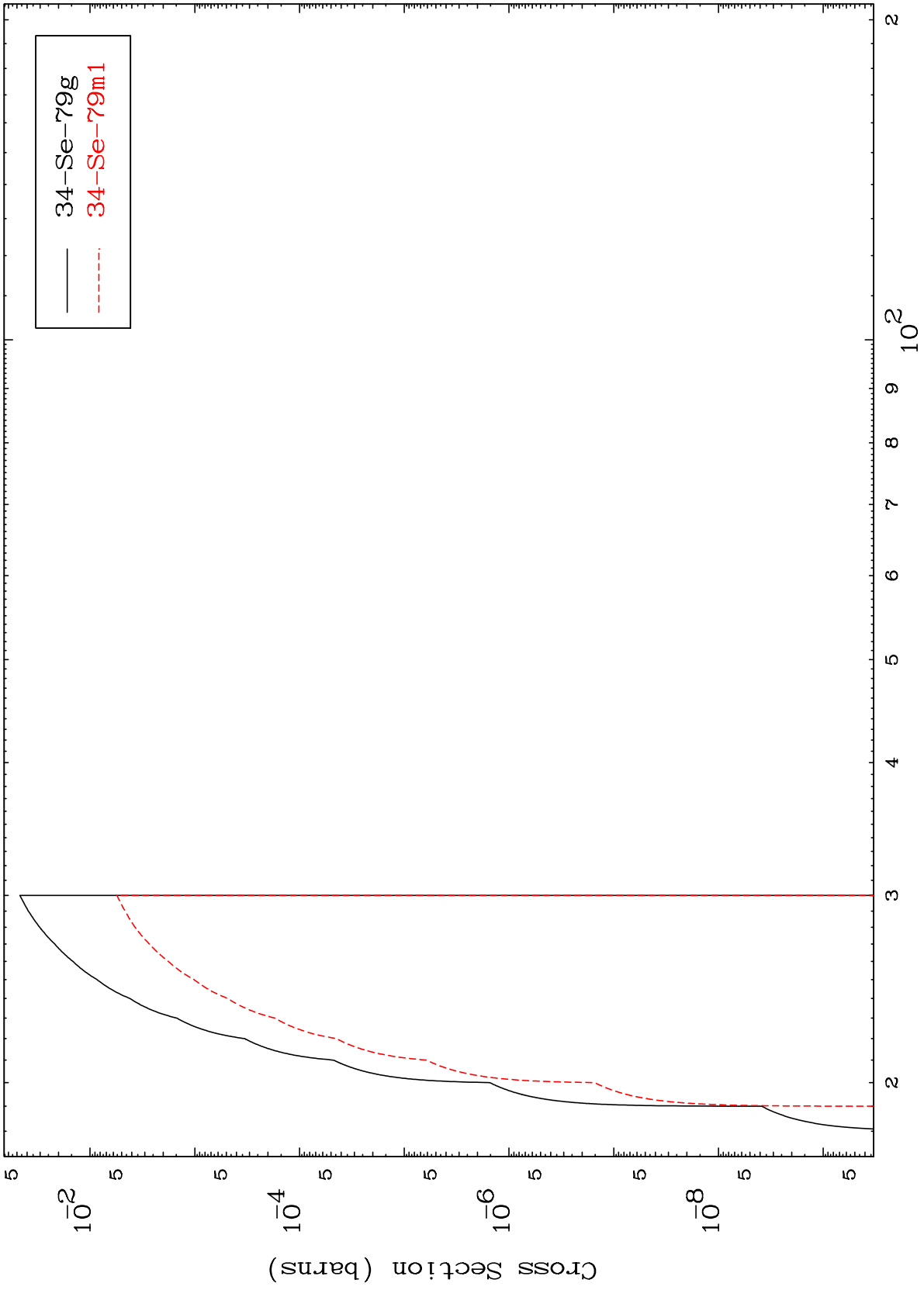
Incident Energy (MeV)

35-Br-81

MAT 3531

35-Br-81

(n,2n) p
Radionuclide Production Cross Section



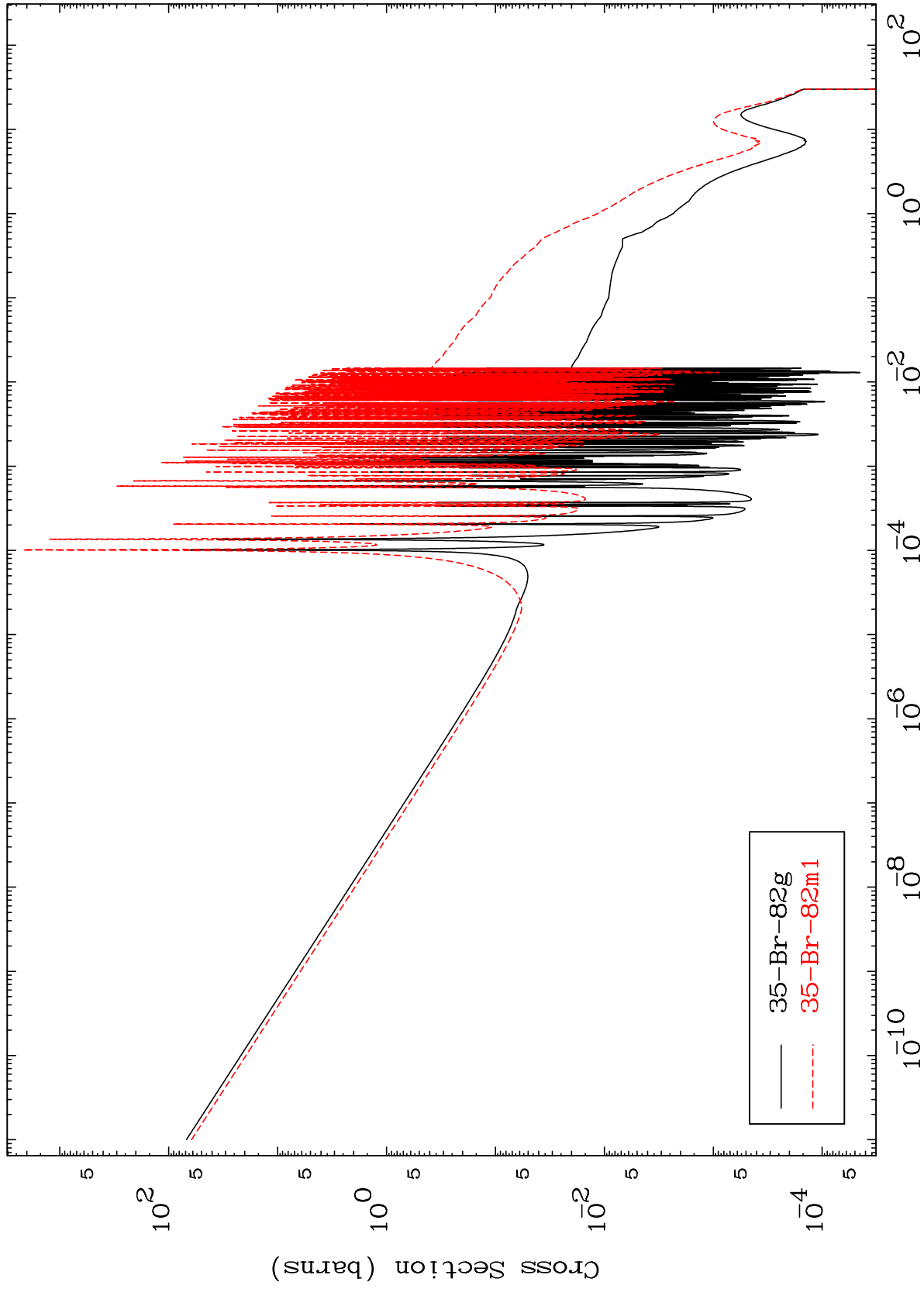
128

35-Br-81

MAT 3531

³⁵Br-81

(n,γ)
Radionuclide Production Cross Section



129

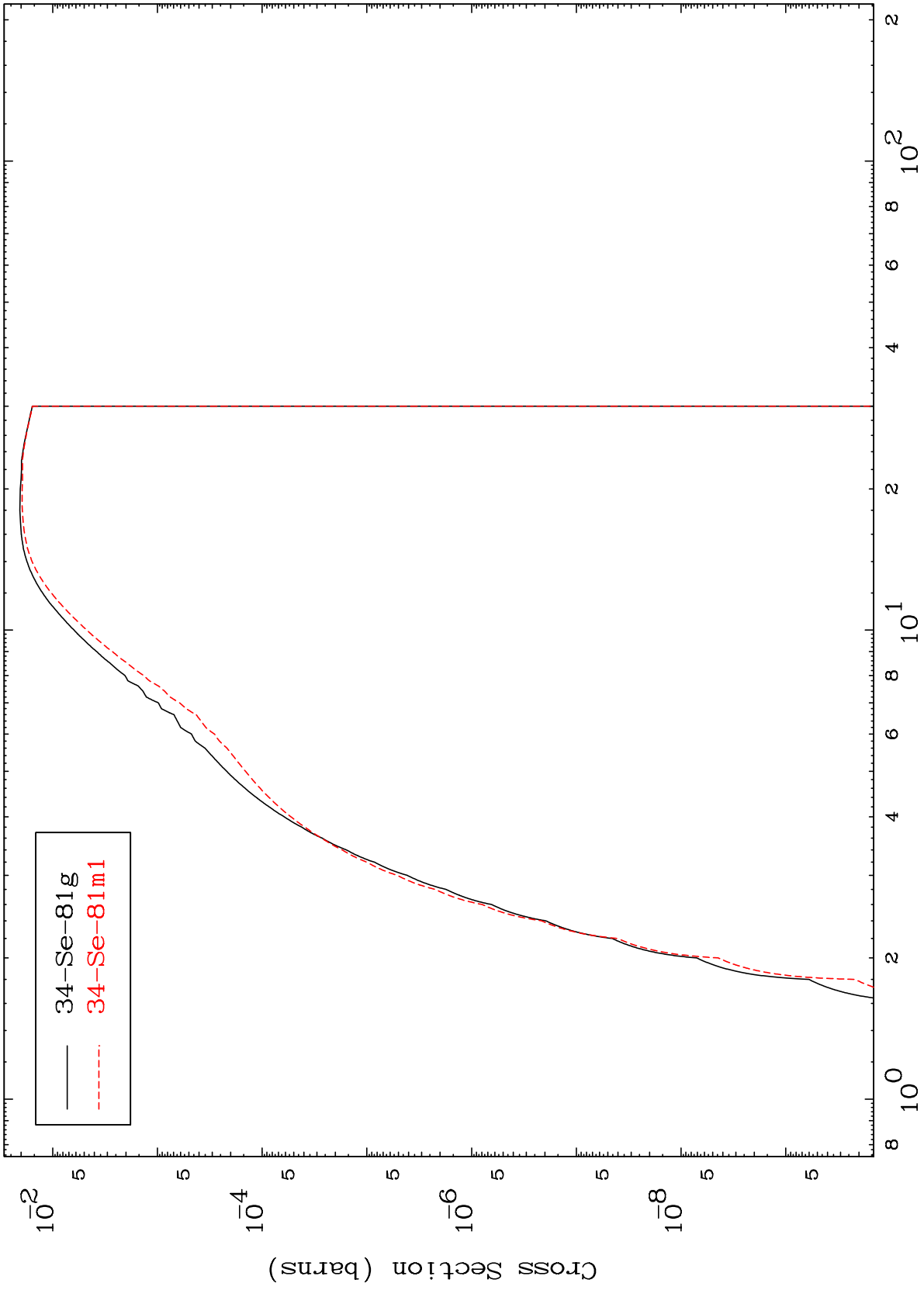
Incident Energy (MeV)

³⁵Br-81

MAT 3531

³⁵Br-81

Radionuclide Production Cross Section (n,p)



130

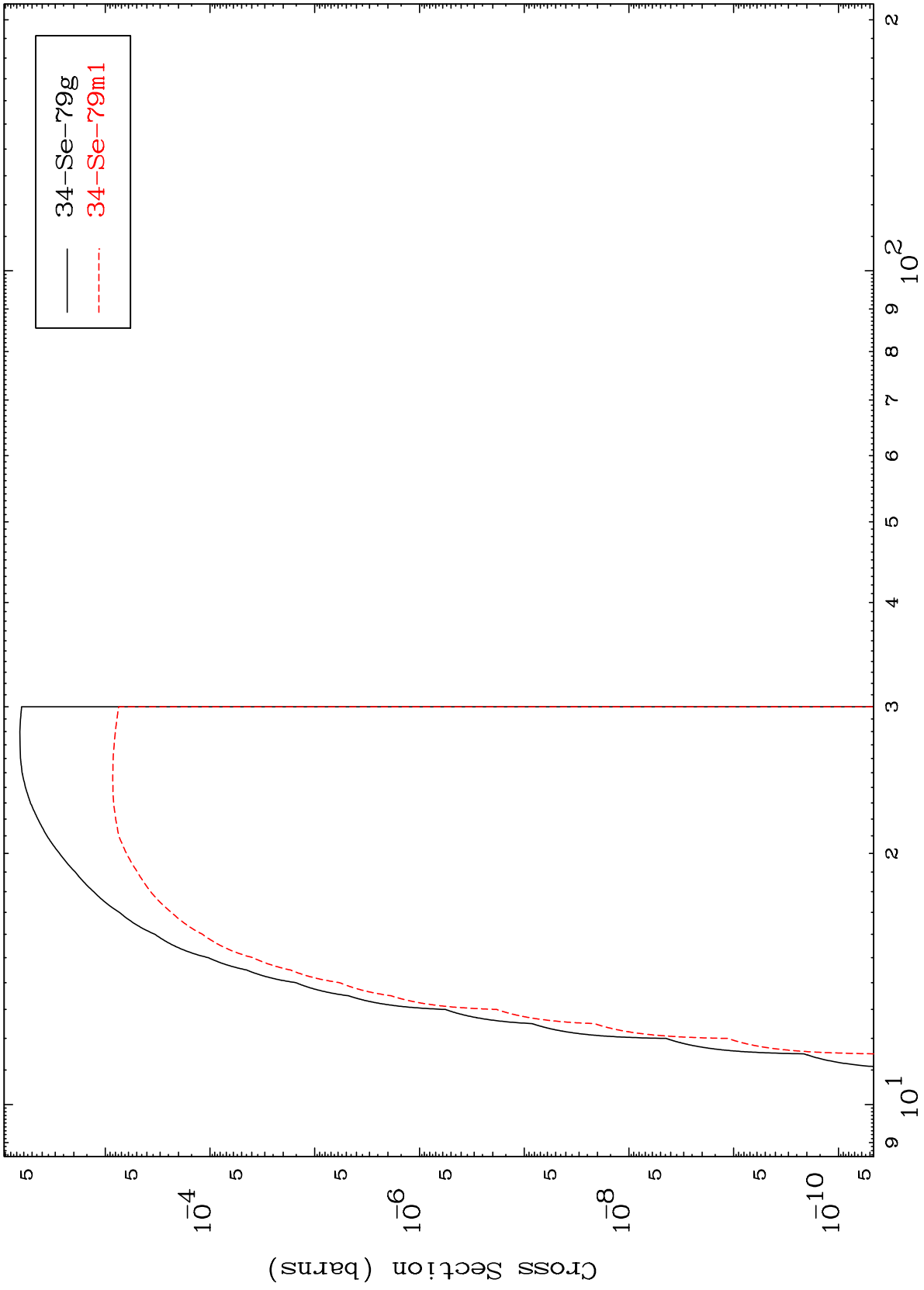
Incident Energy (MeV)

³⁵Br-81

MAT 3531

35-Br-81

(n, t)
Radionuclide Production Cross Section



131

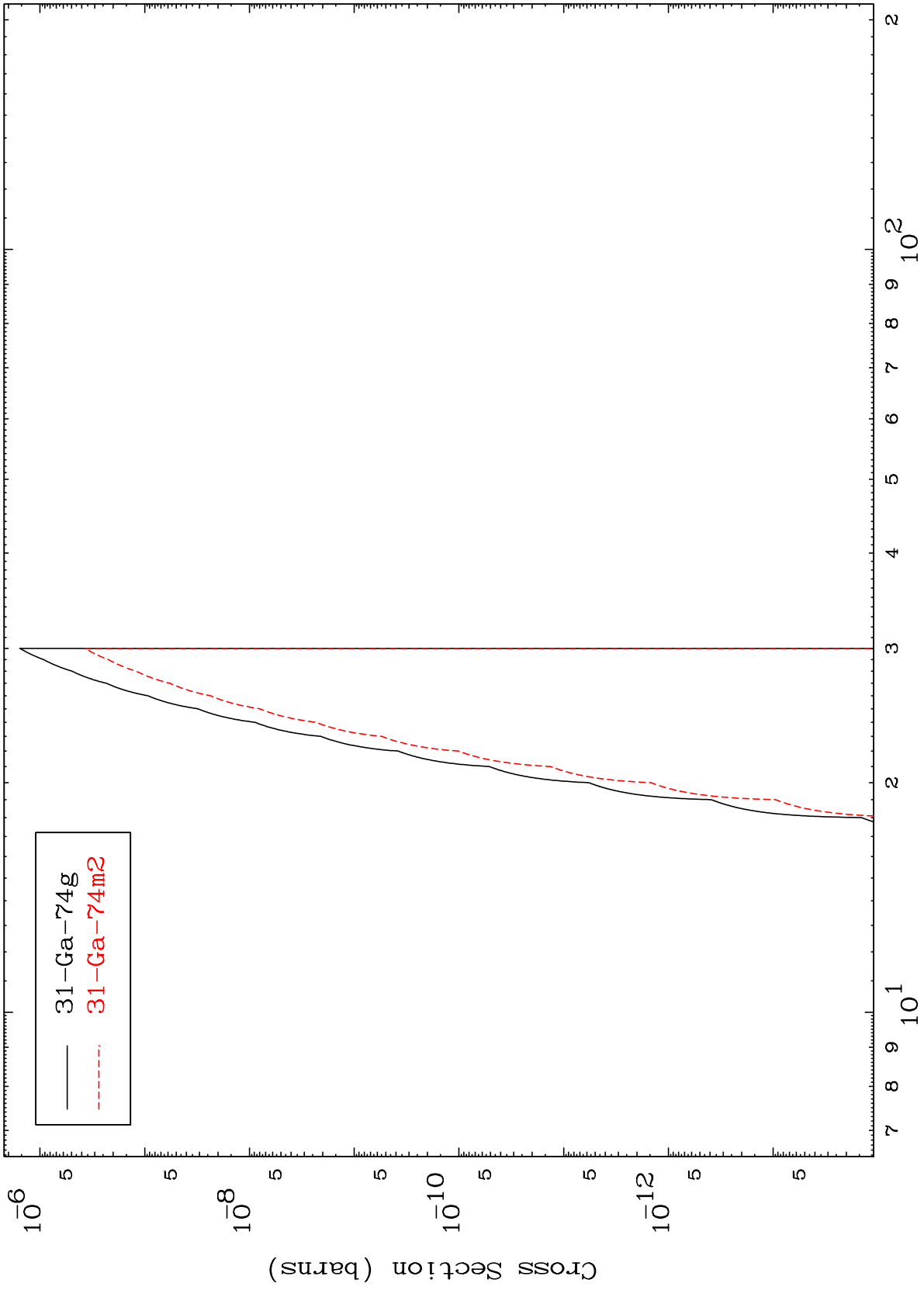
Incident Energy (MeV)

35-Br-81

MAT 3531

35-Br-81

Radionuclide Production Cross Section
(n,2α)



132

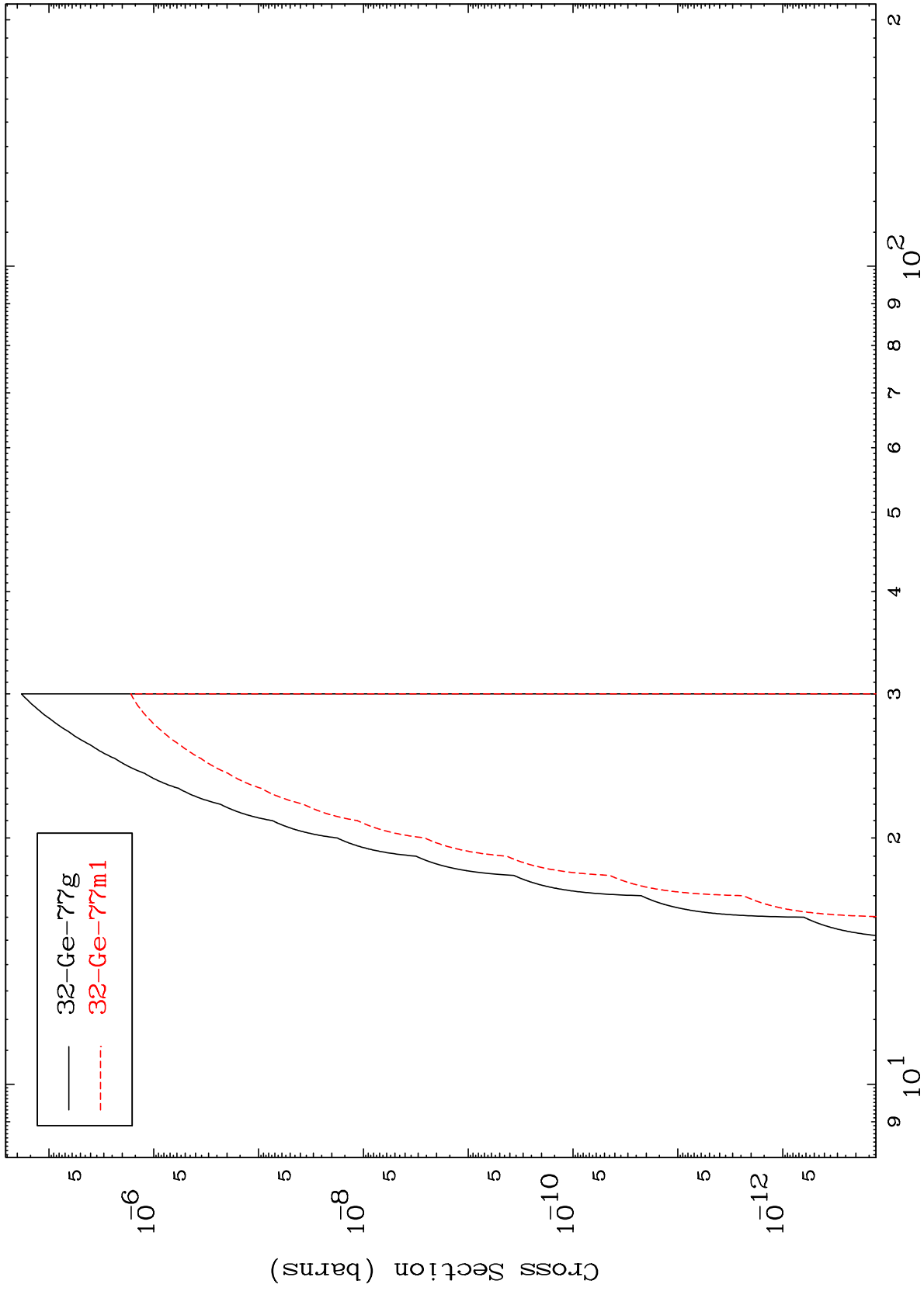
35-Br-81

MAT 3531

(n,p) α

35-Br-81

Radionuclide Production Cross Section



133

Incident Energy (MeV)

35-Br-81