

Program EVALPLOT
(Version 2018-1)

by

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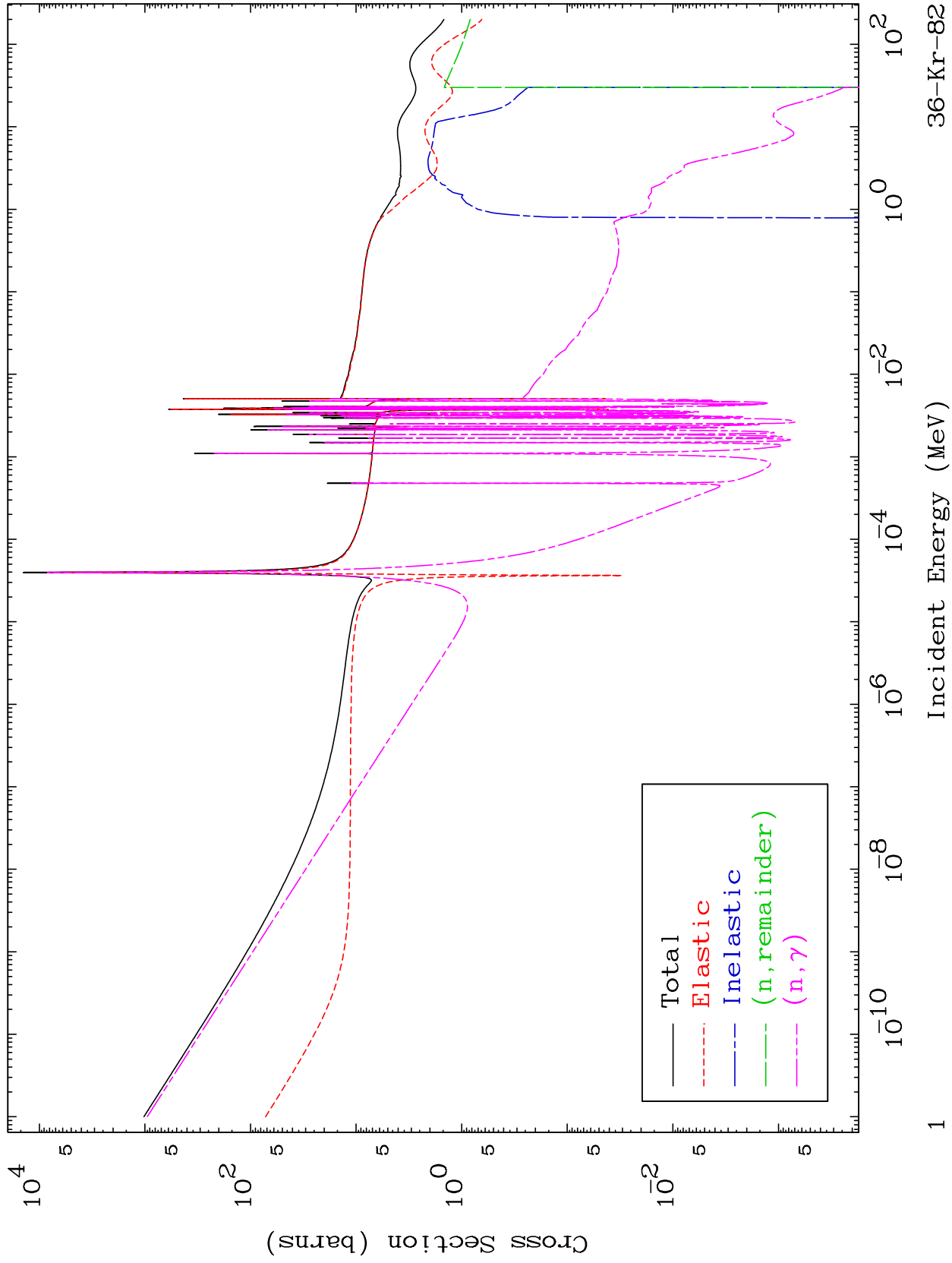
Press Mouse Button to Start

MAT 3637

Major

293 Kelvin Cross Sections

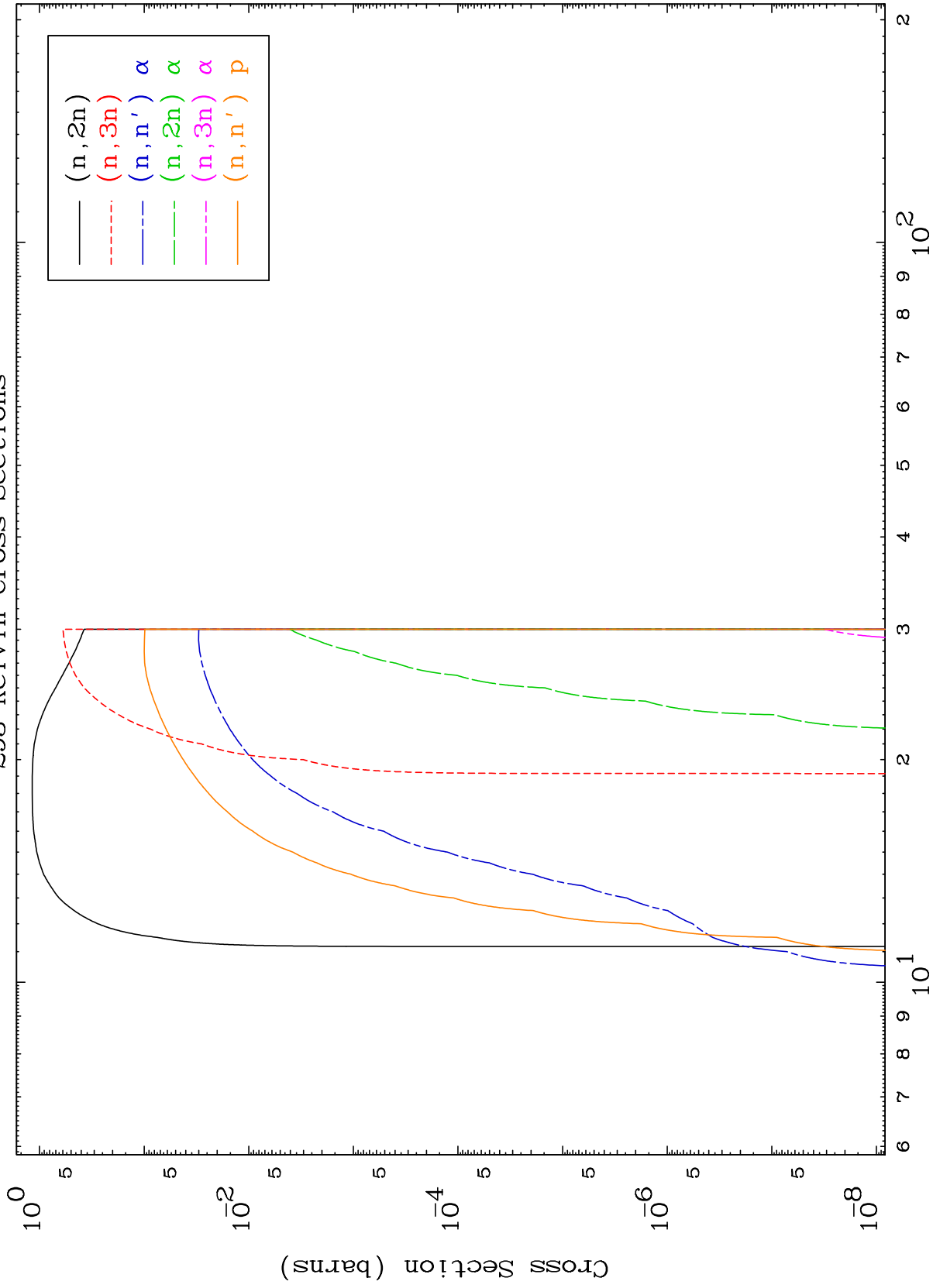
36-Kr-82



MAT 3637

Neutron Production 293 Kelvin Cross Sections

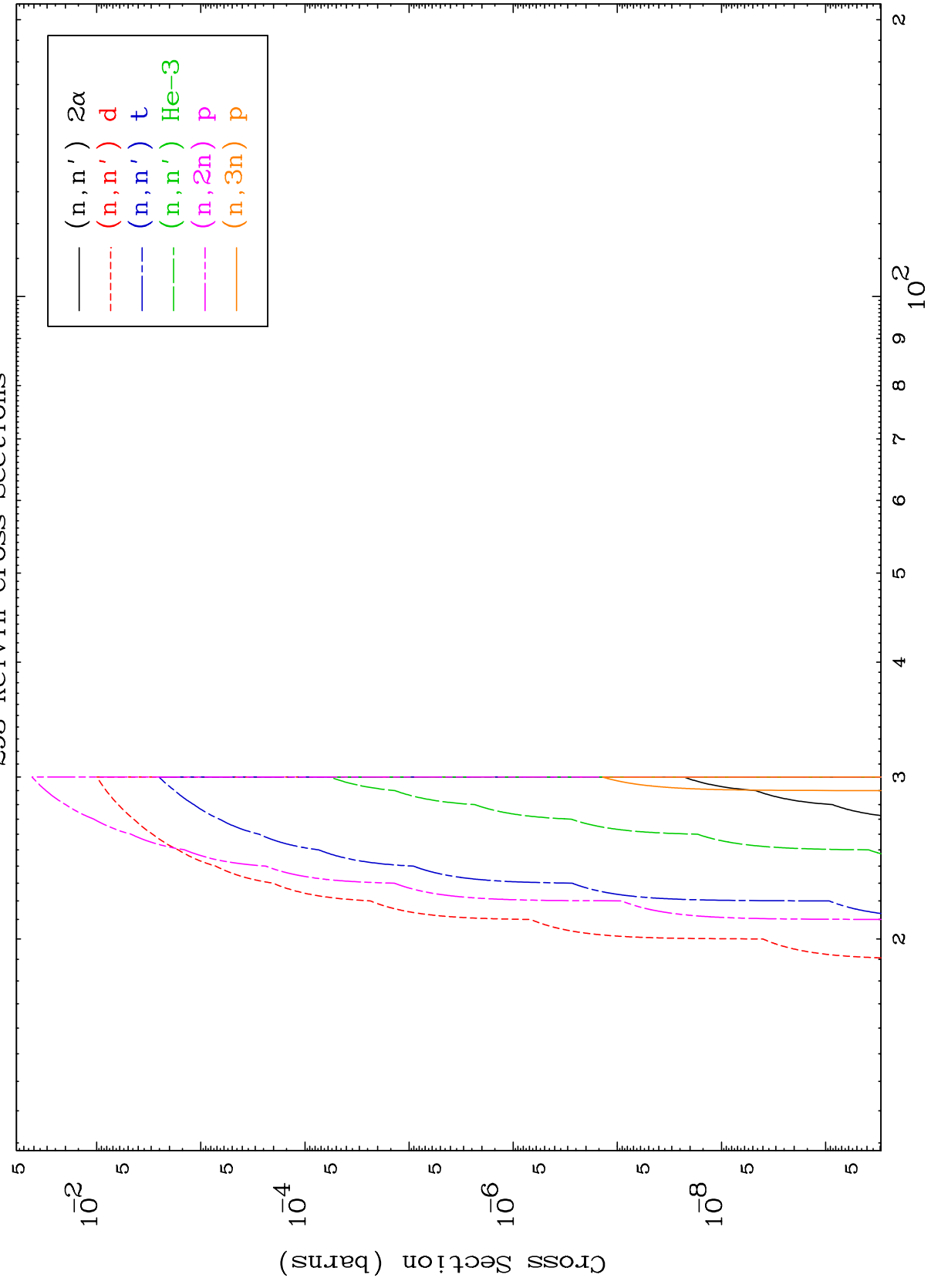
36-Kr-82



2

Incident Energy (MeV)

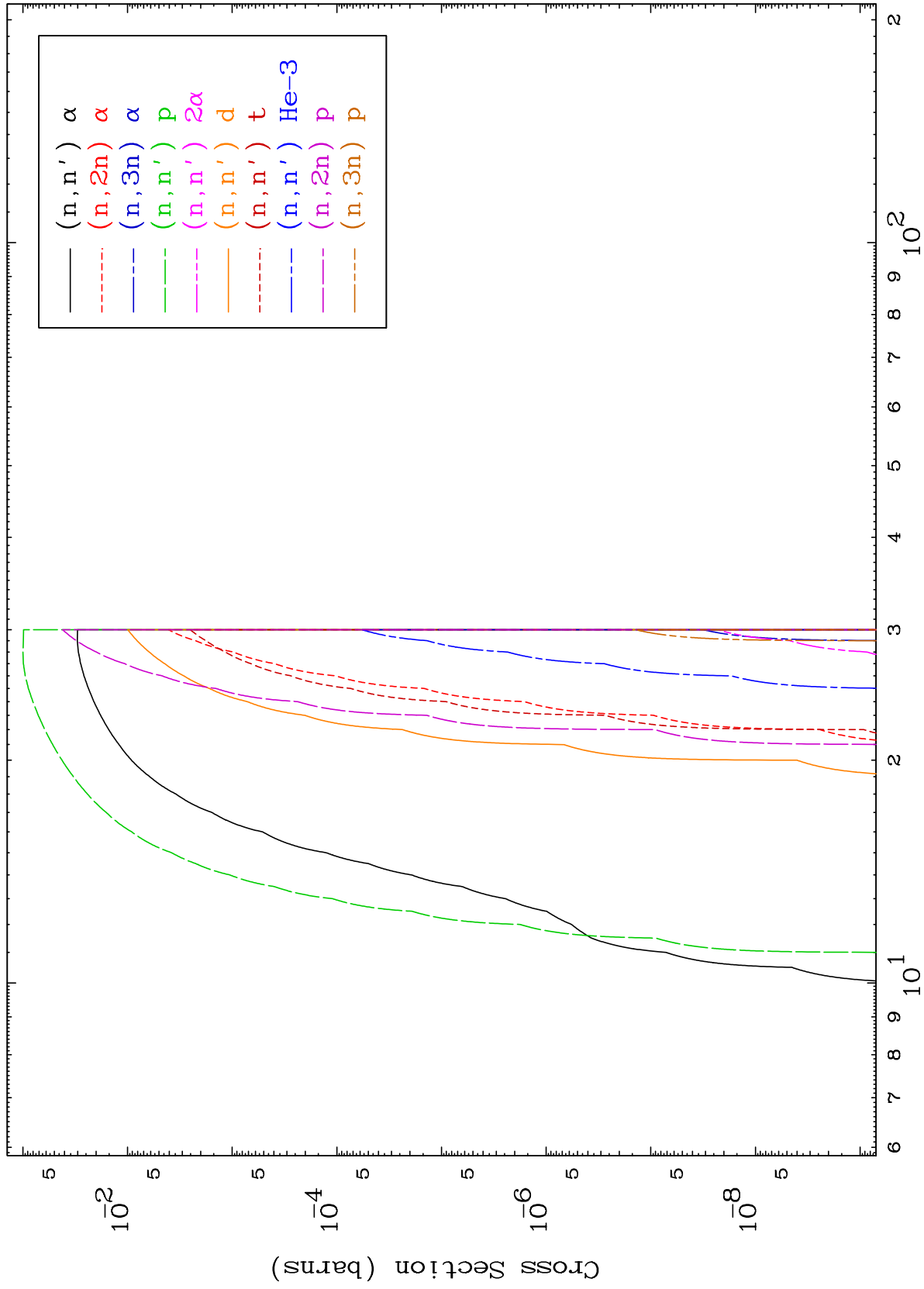
36-Kr-82



MAT 3637

Charged Particle
293 Kelvin Cross Sections

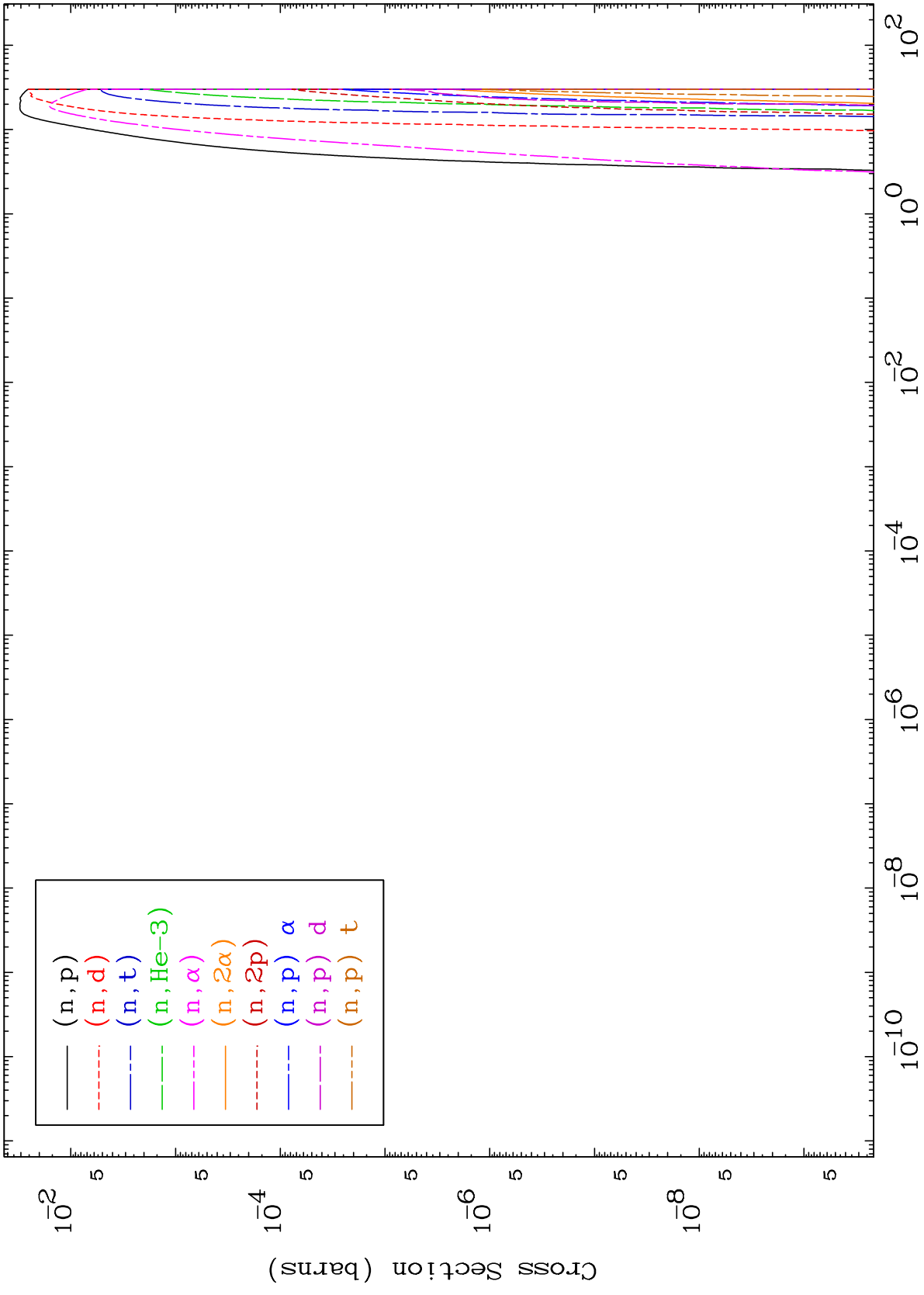
36-Kr-82



MAT 3637

Charged Particle
293 Kelvin Cross Sections

36-Kr-82



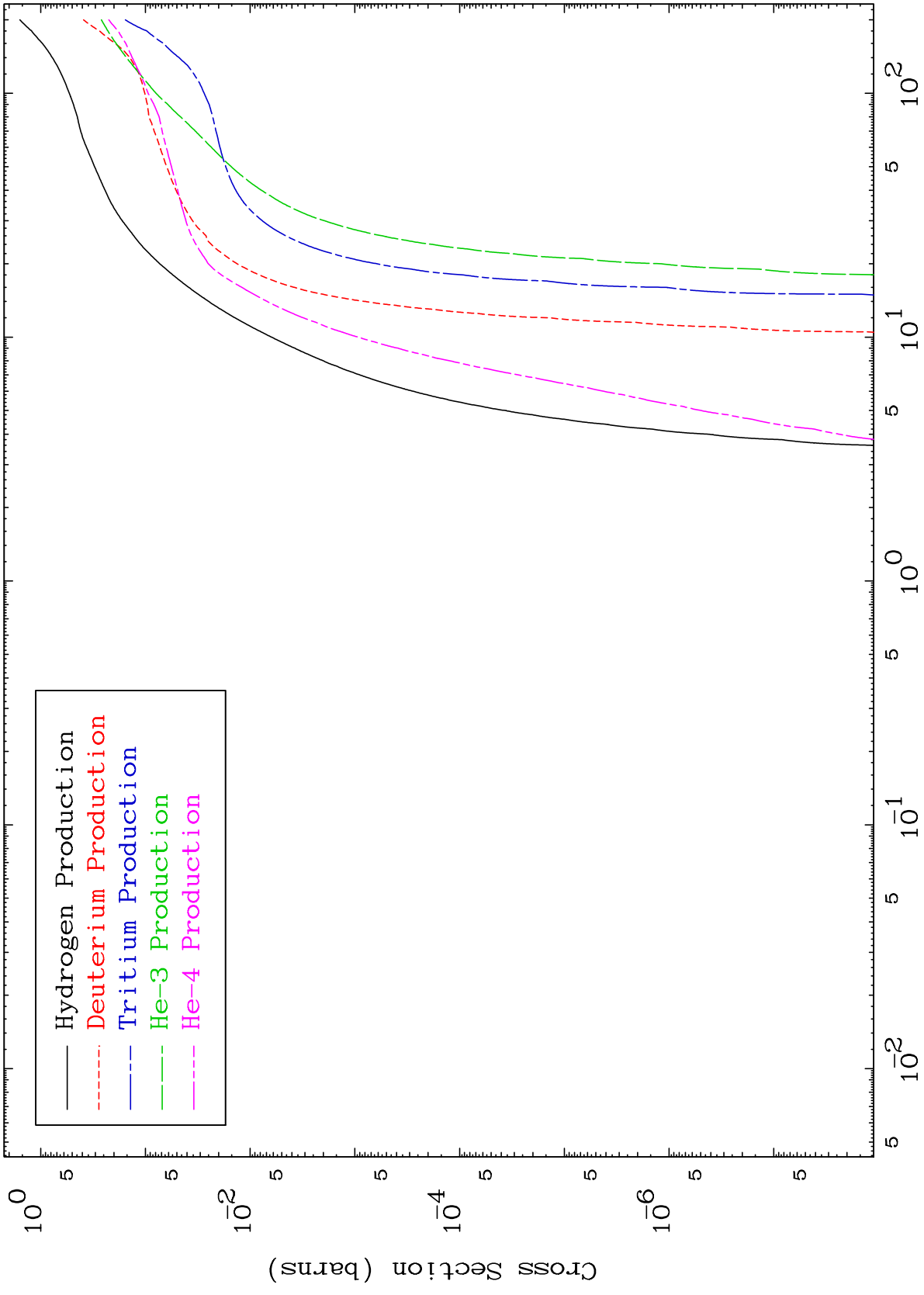
36-Kr-82

Incident Energy (MeV)

MAT 3637

Particle Production
293 Kelvin Cross Sections

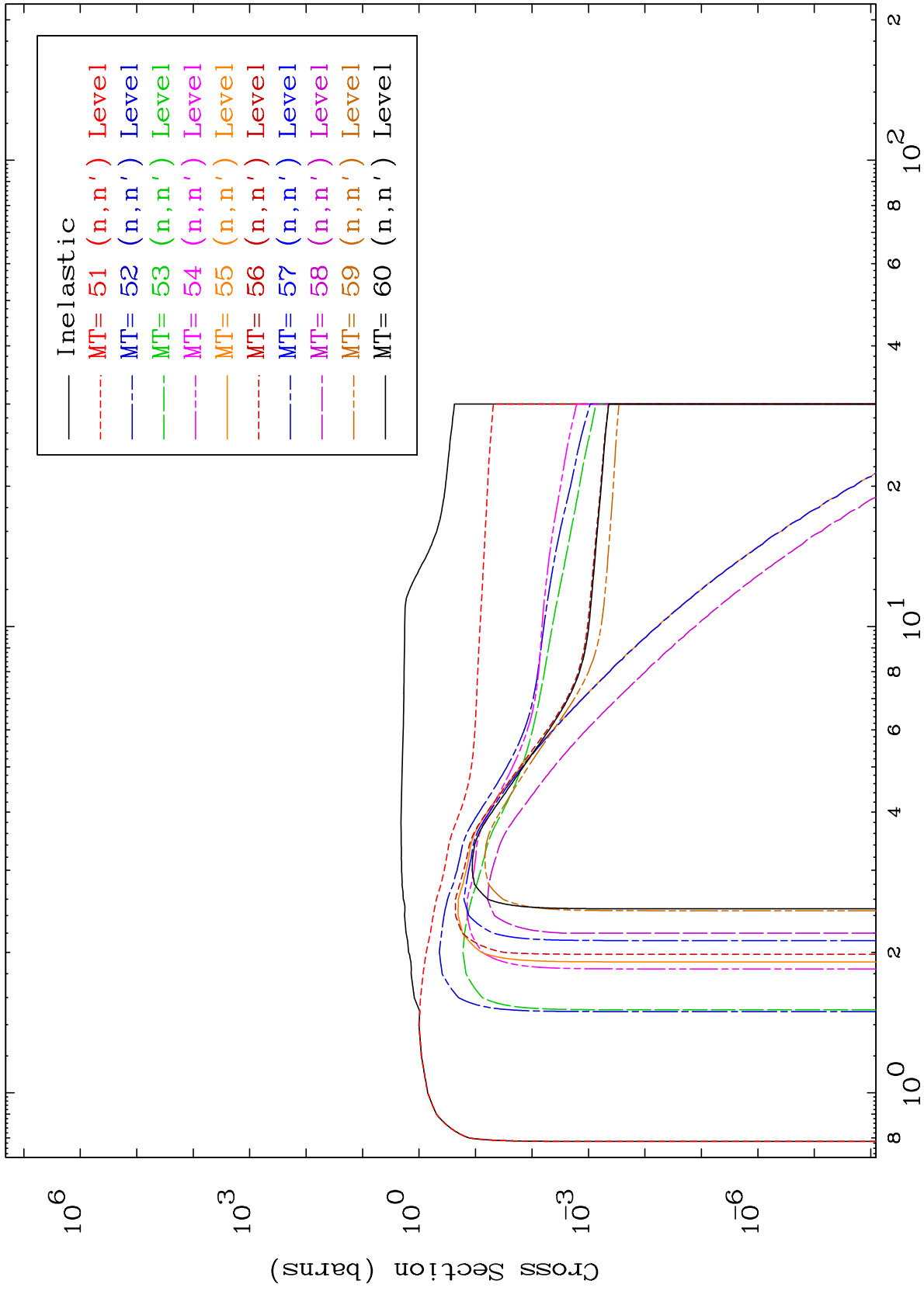
36-Kr-82



36-Kr-82

Incident Energy (MeV)

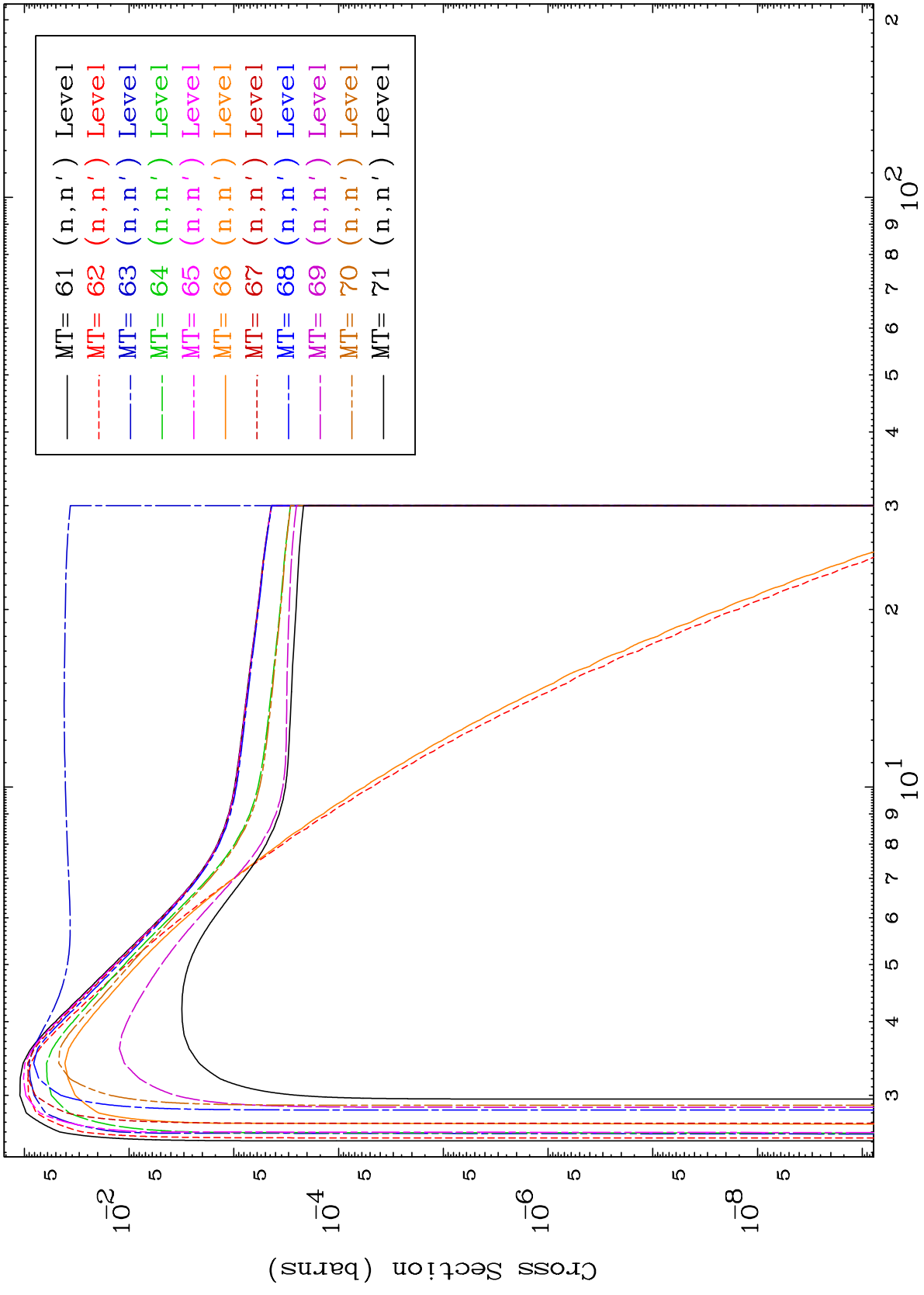
6



MAT 3637

(n,n') Level
293 Kelvin Cross Sections

36-Kr-82



8

Incident Energy (MeV)

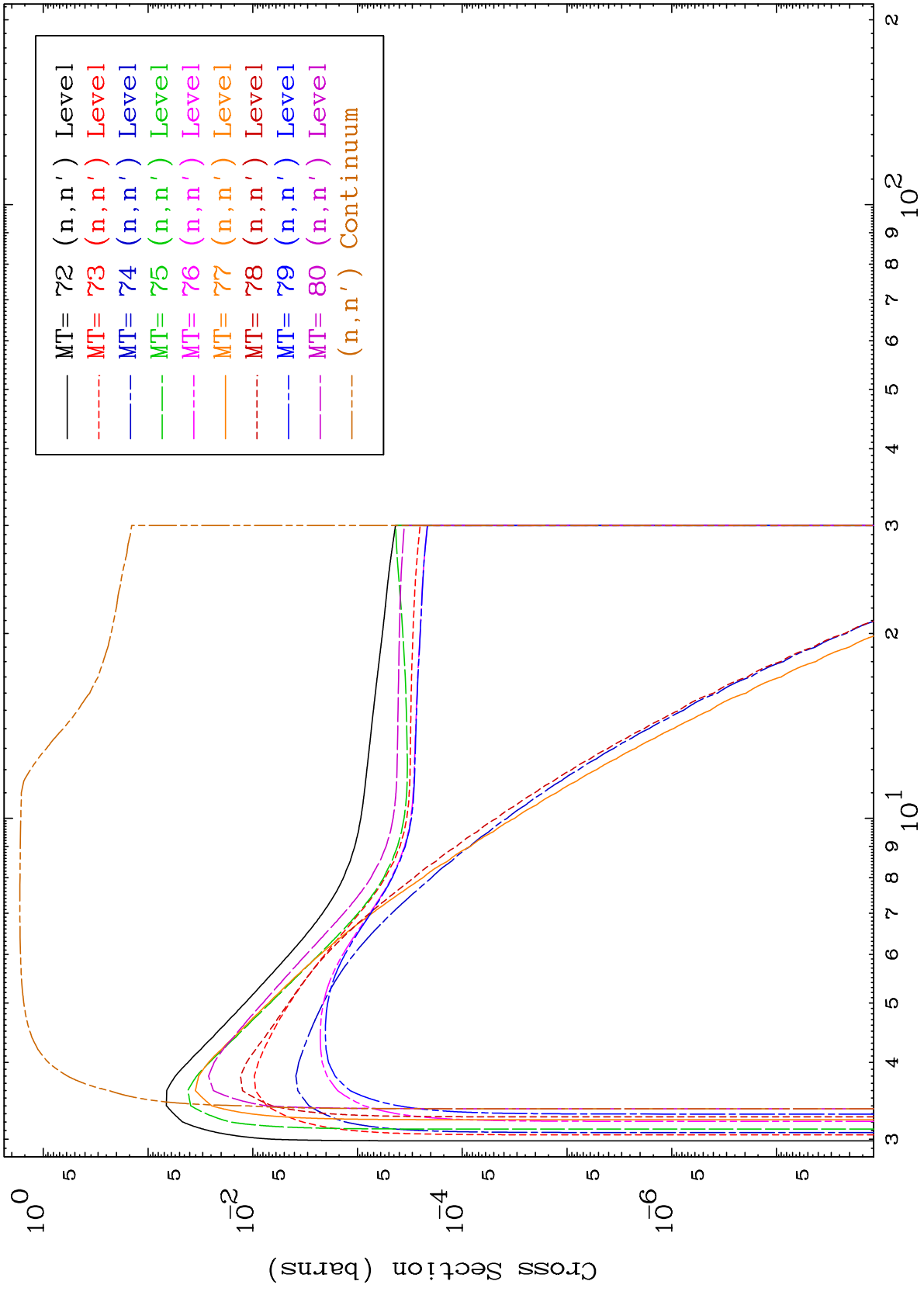
36-Kr-82

MAT 3637

(n,n') Level

36-Kr-82

293 Kelvin Cross Sections



9

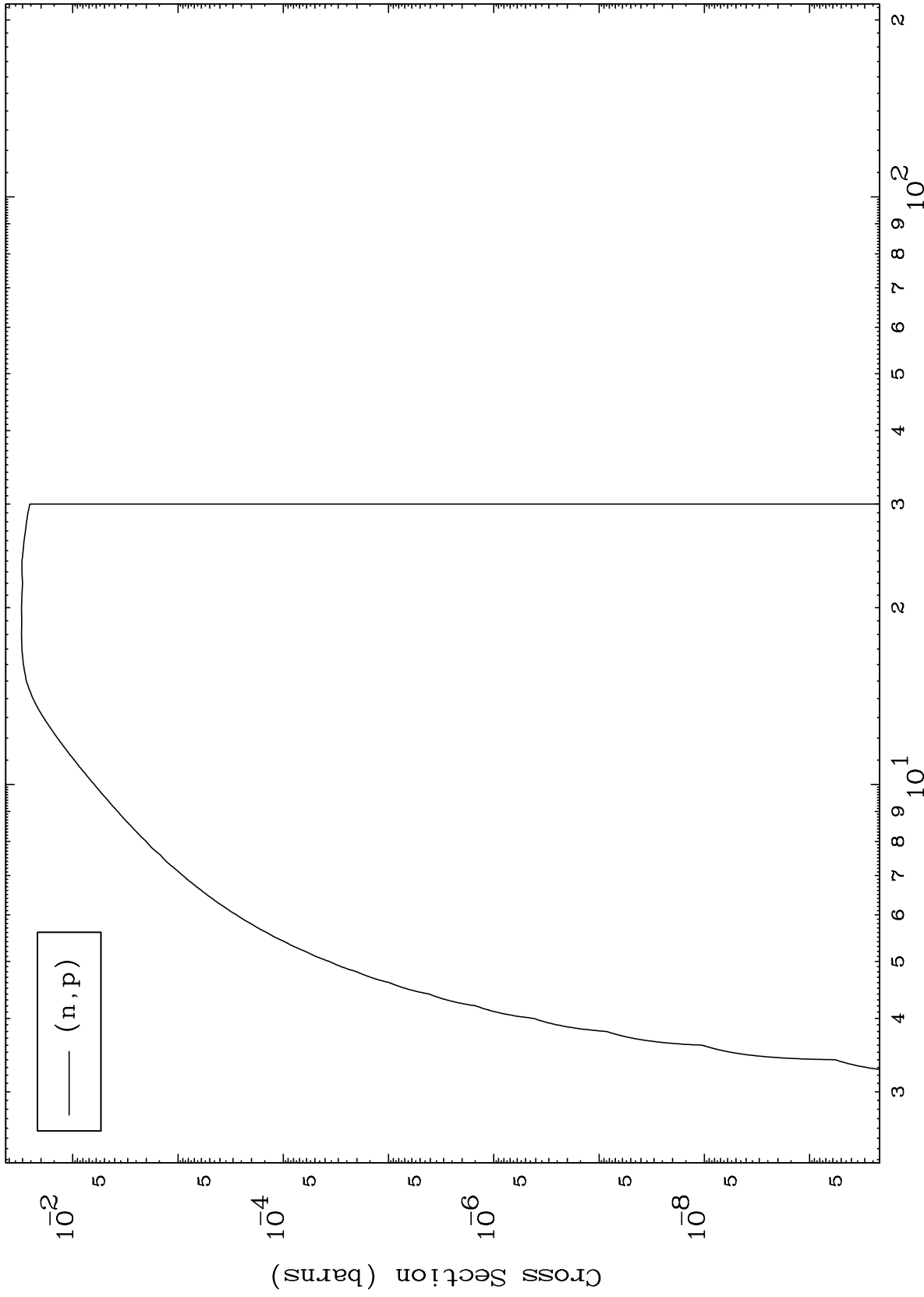
Incident Energy (MeV)

36-Kr-82

MAT 3637

(n,p) Levels
293 Kelvin Cross Sections

36-Kr-82



10

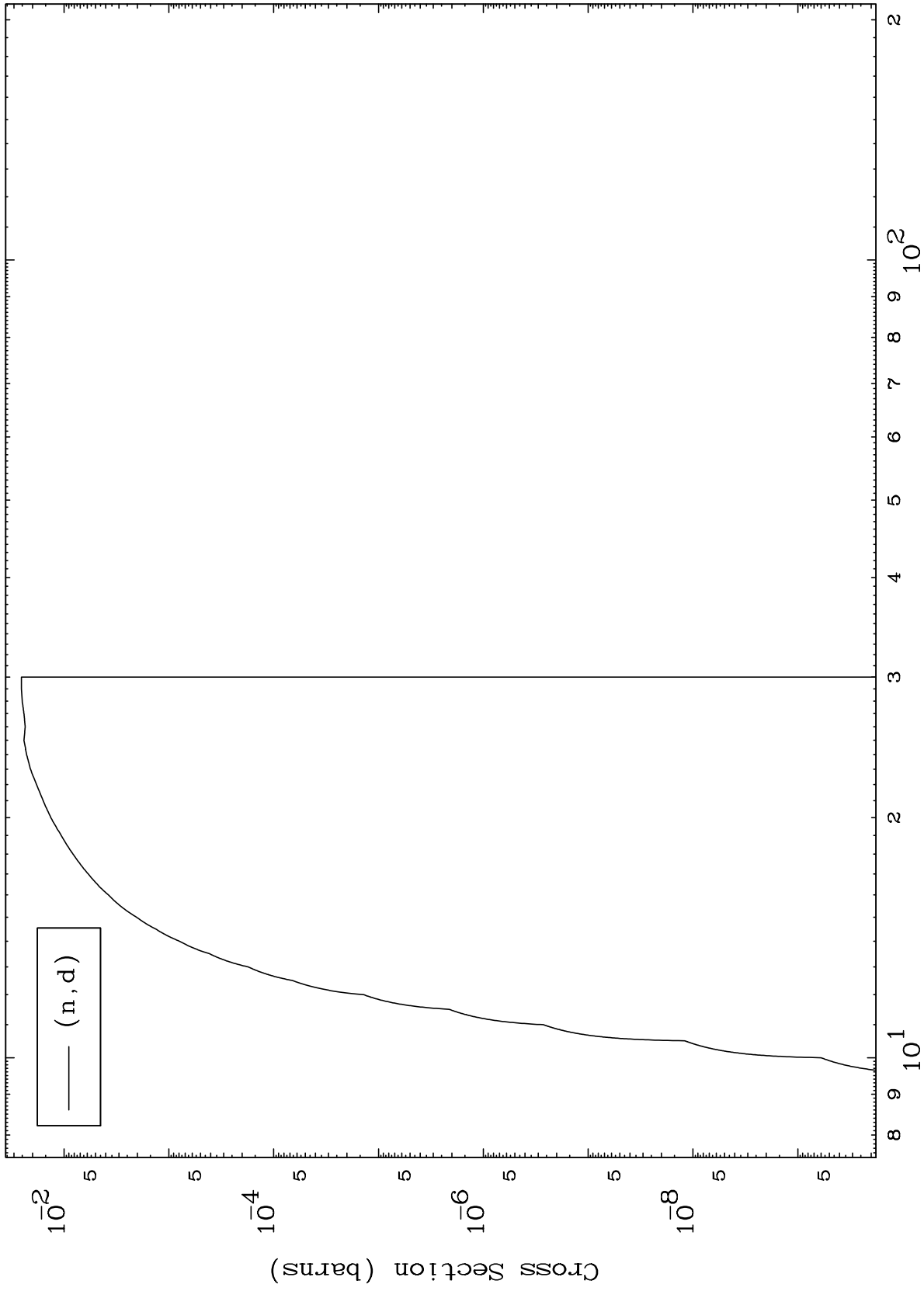
Incident Energy (MeV)

36-Kr-82

MAT 3637

(n,d) Levels
293 Kelvin Cross Sections

36-Kr-82



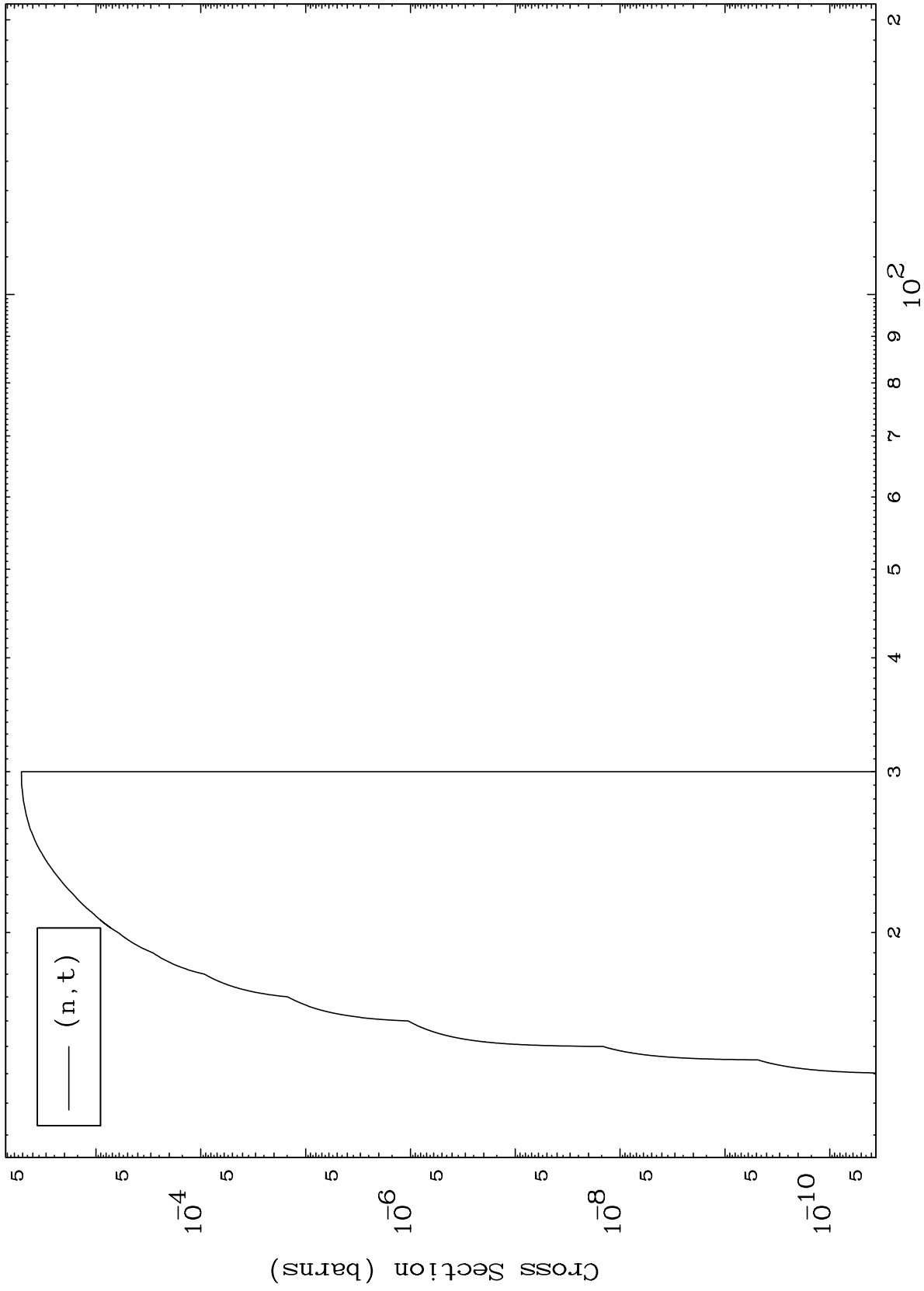
11

36-Kr-82

MAT 3637

(n,t) Levels
293 Kelvin Cross Sections

36-Kr-82



12

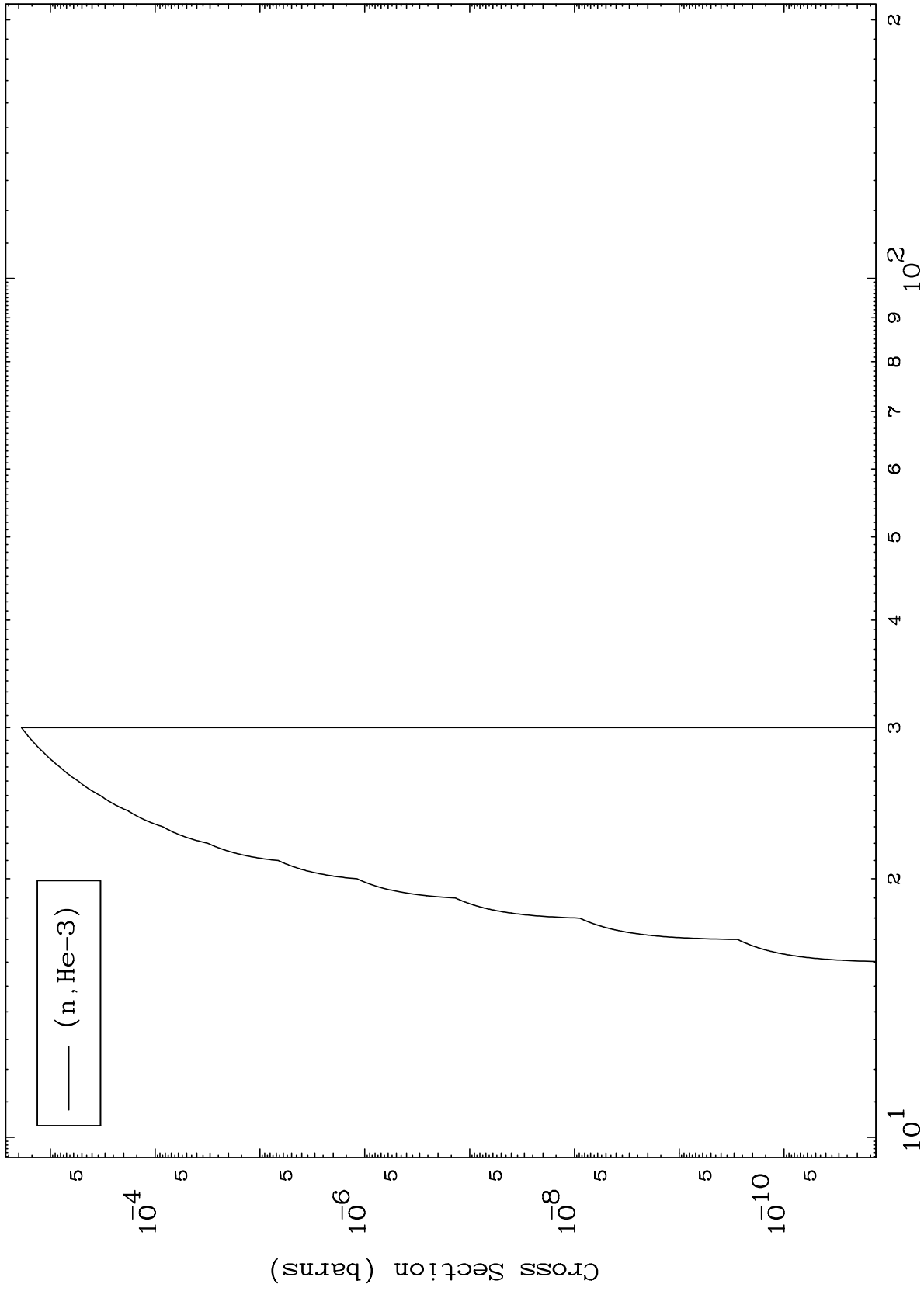
Incident Energy (MeV)

36-Kr-82

MAT 3637

(n,He3) Levels
293 Kelvin Cross Sections

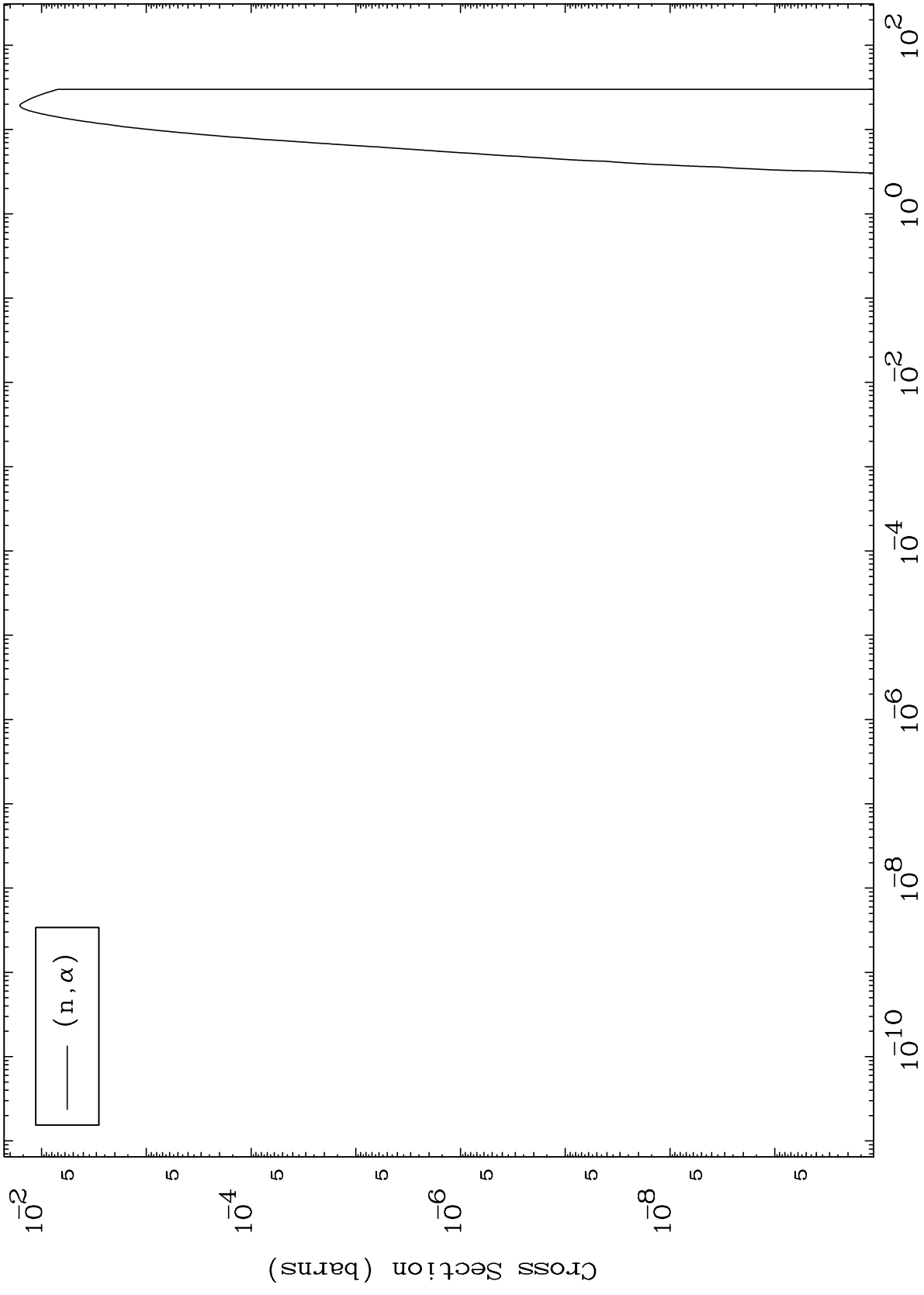
36-Kr-82

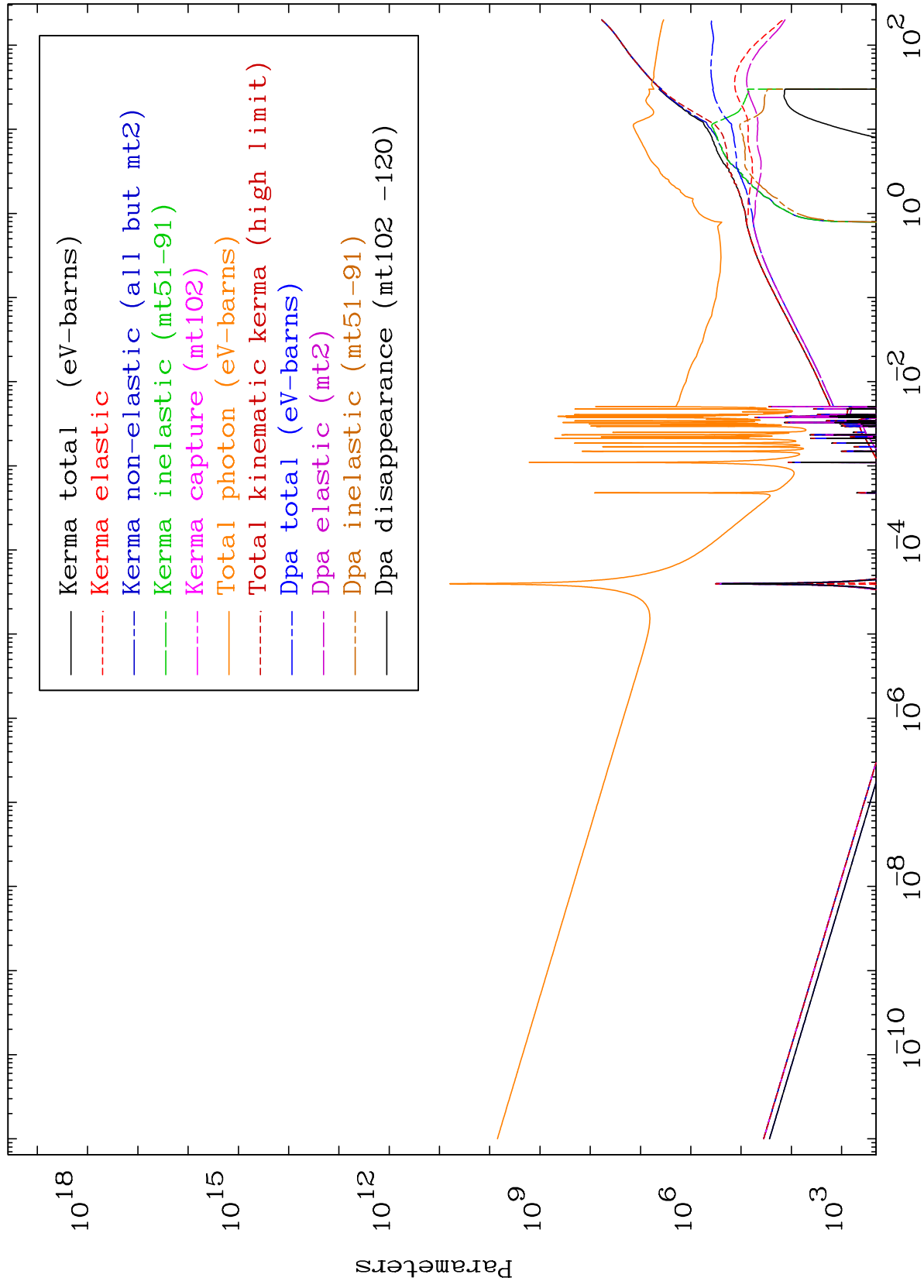


MAT 3637

(n, α) Levels
293 Kelvin Cross Sections

36-Kr-82





MAT 3637

Elastic Legendre Coefficients

³⁶Kr-82



16

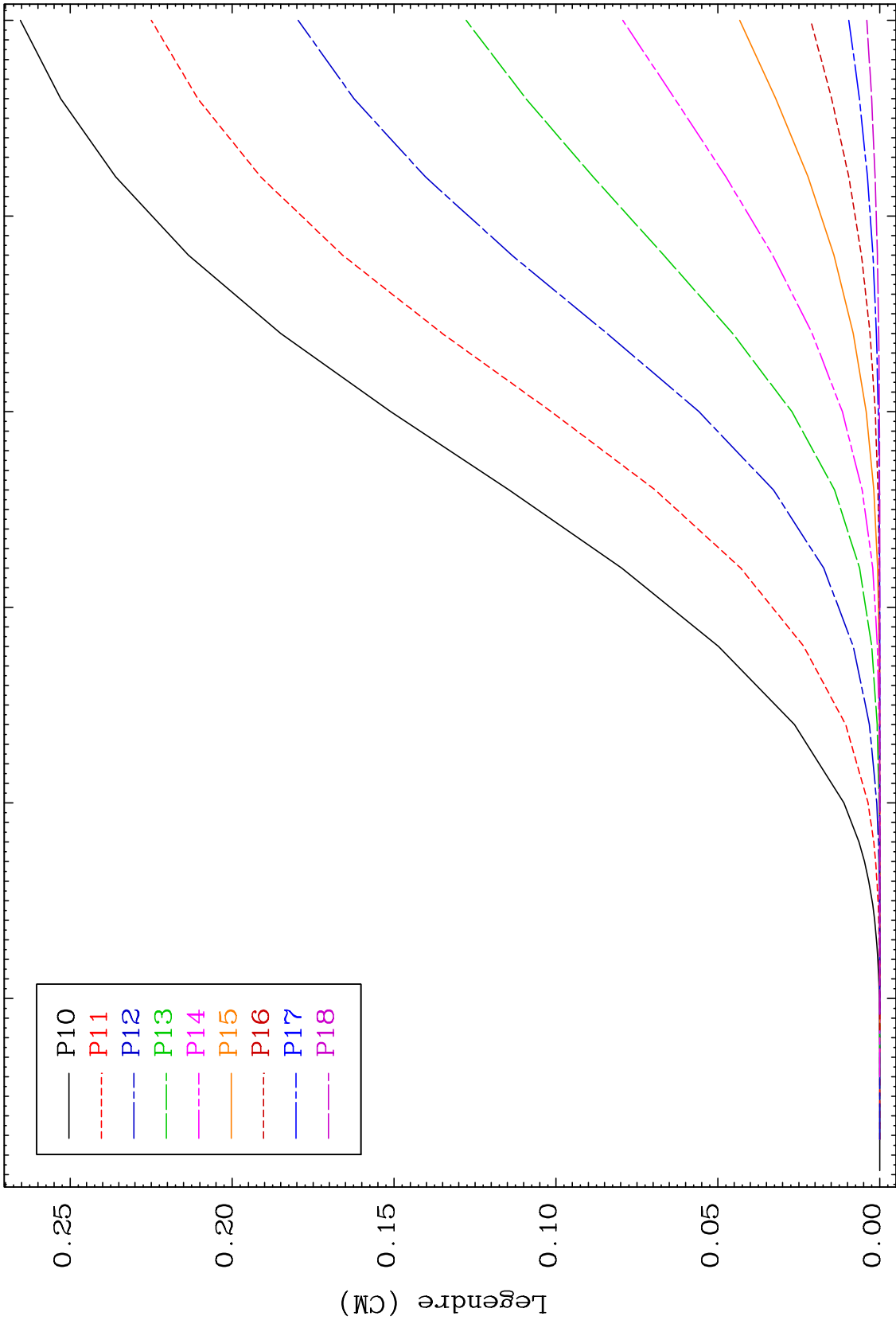
Incident Energy (MeV)

³⁶Kr-82

MAT 3637

Elastic Legendre Coefficients

36-Kr-82



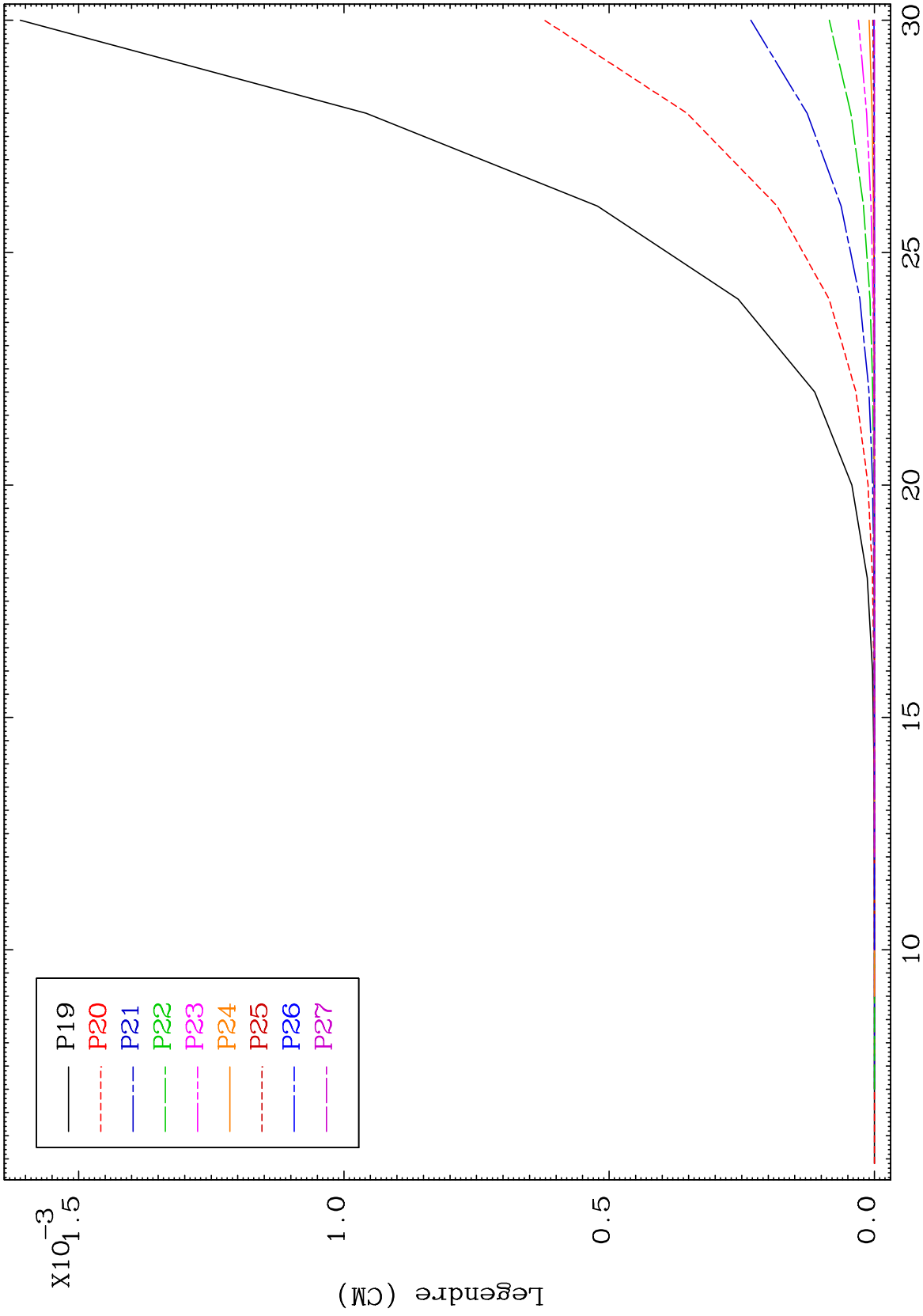
17

36-Kr-82

MAT 3637

Elastic Legendre Coefficients

36-Kr-82



18

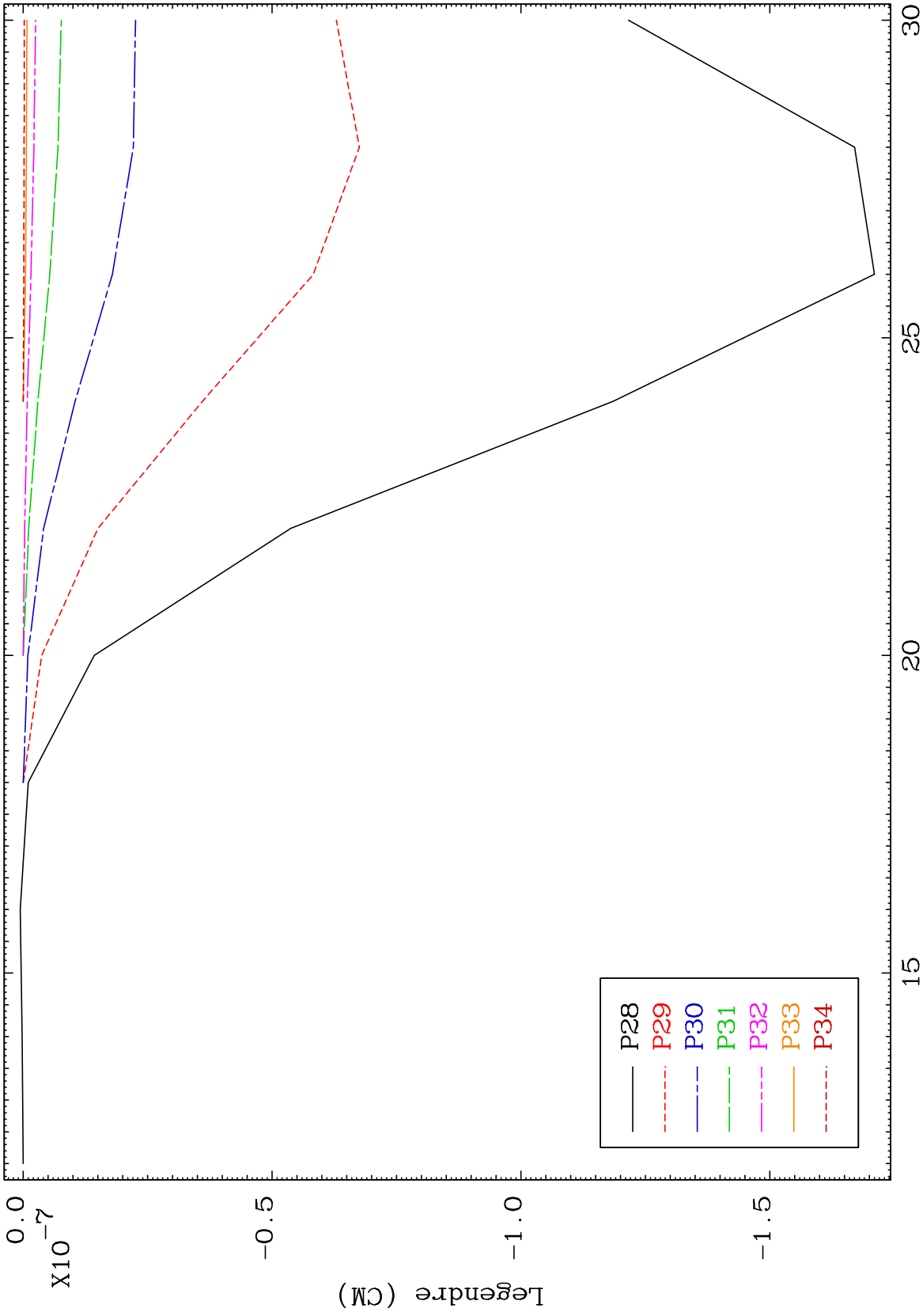
Incident Energy (MeV)

36-Kr-82

MAT 3637

36-Kr-82

Elastic
Legendre Coefficients



19

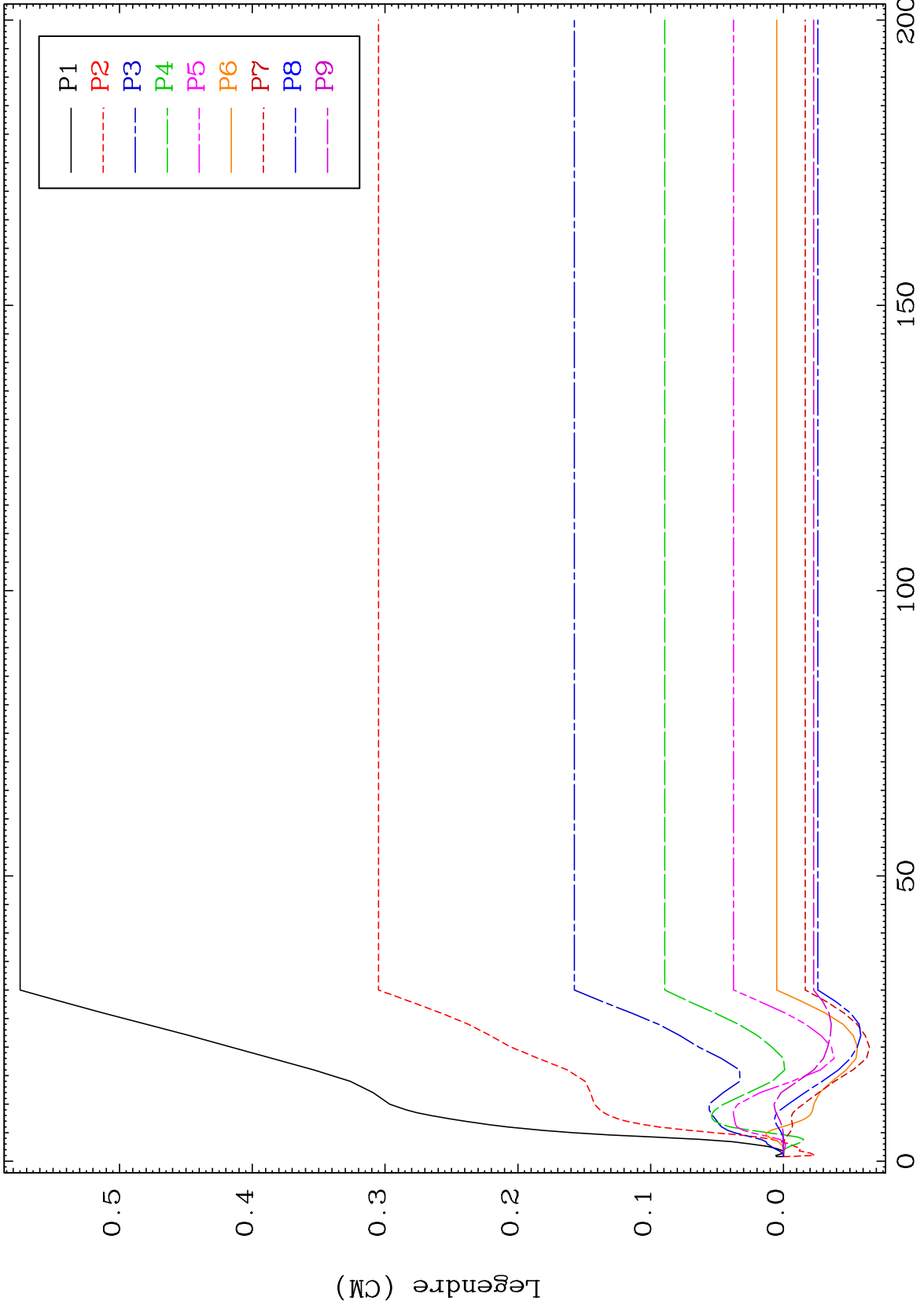
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



36-Kr-82

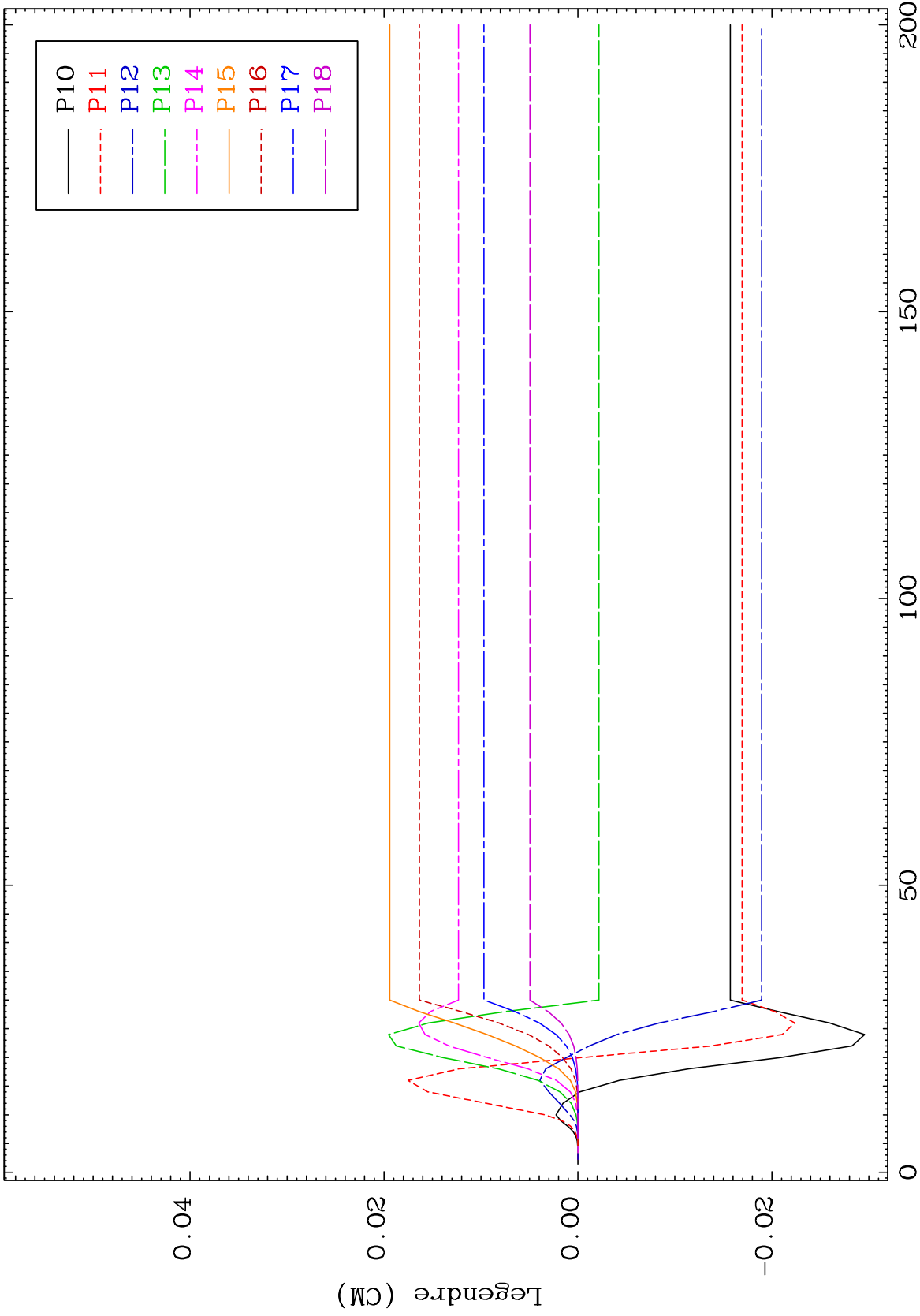
Incident Energy (MeV)

Legendre (CM)

MAT 3637

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

36-Kr-82



21

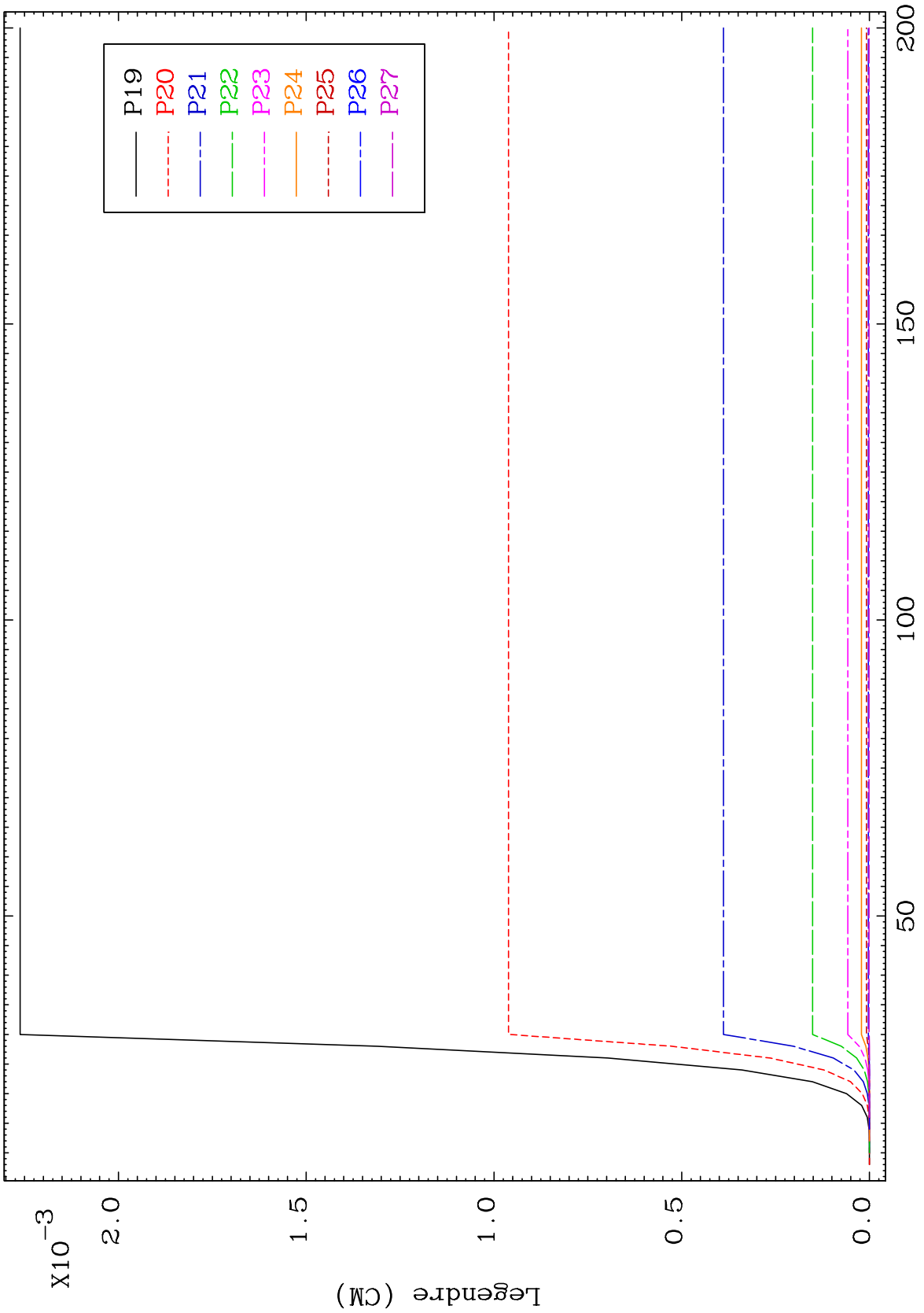
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



22

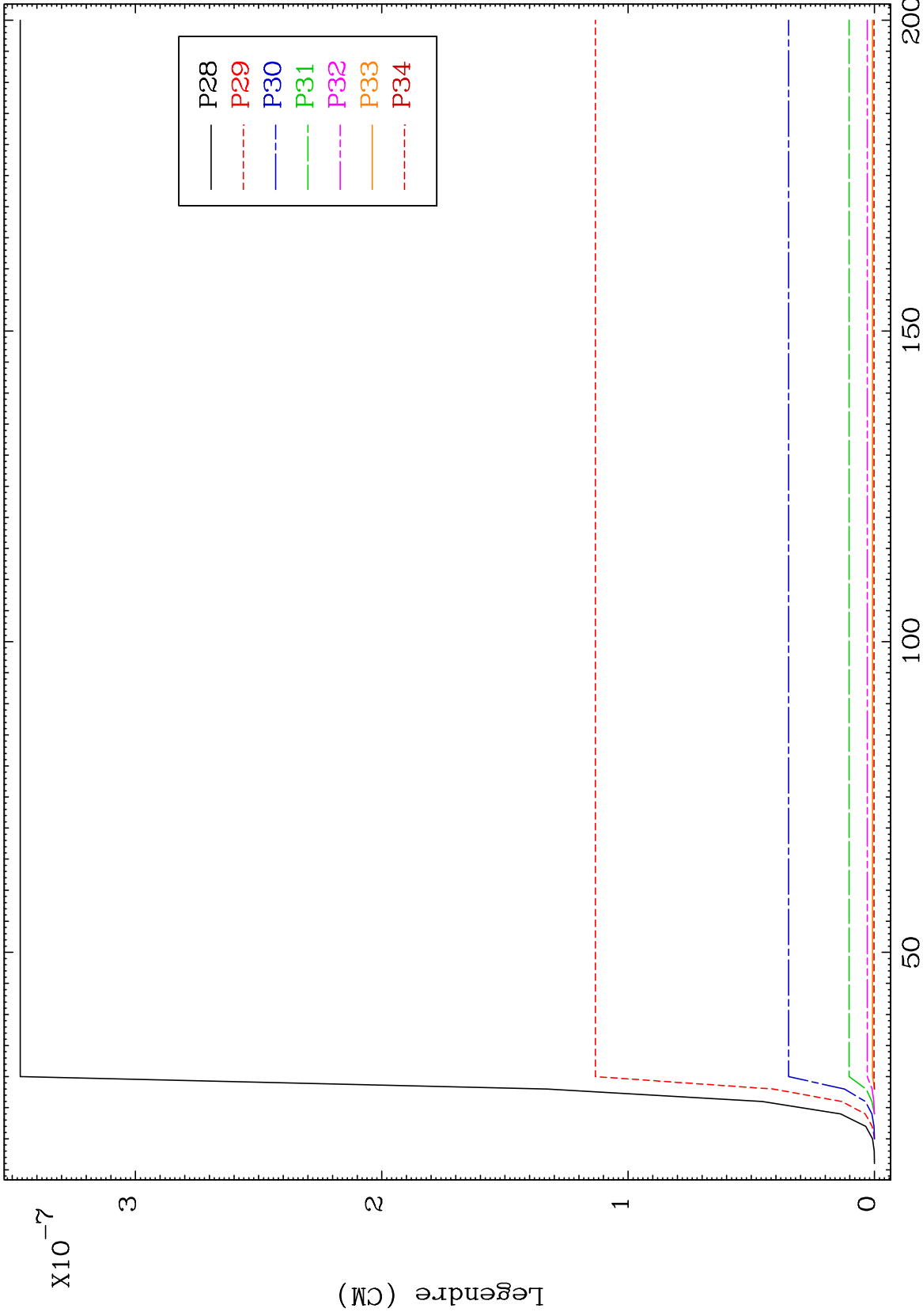
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



23

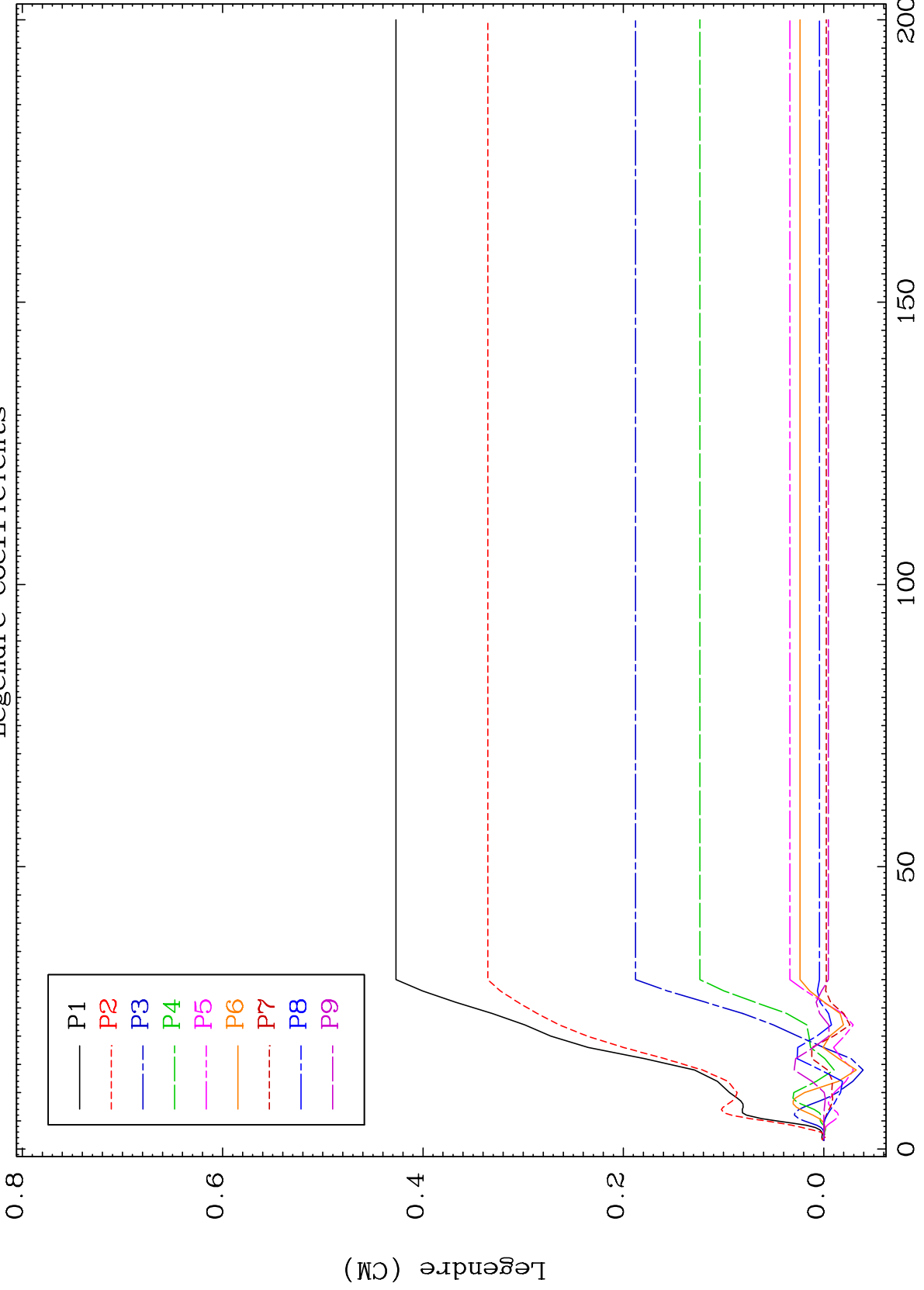
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



24

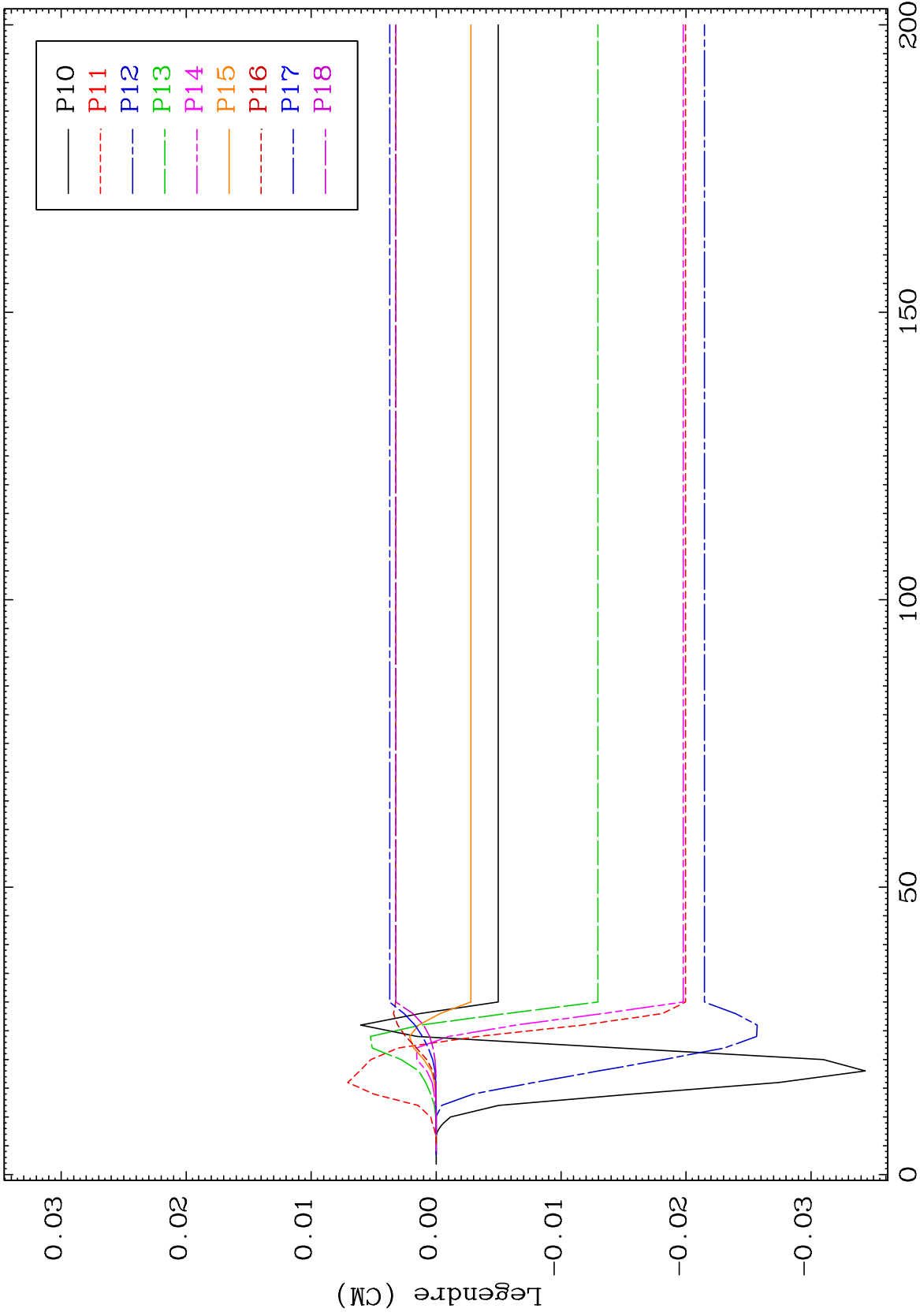
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



25

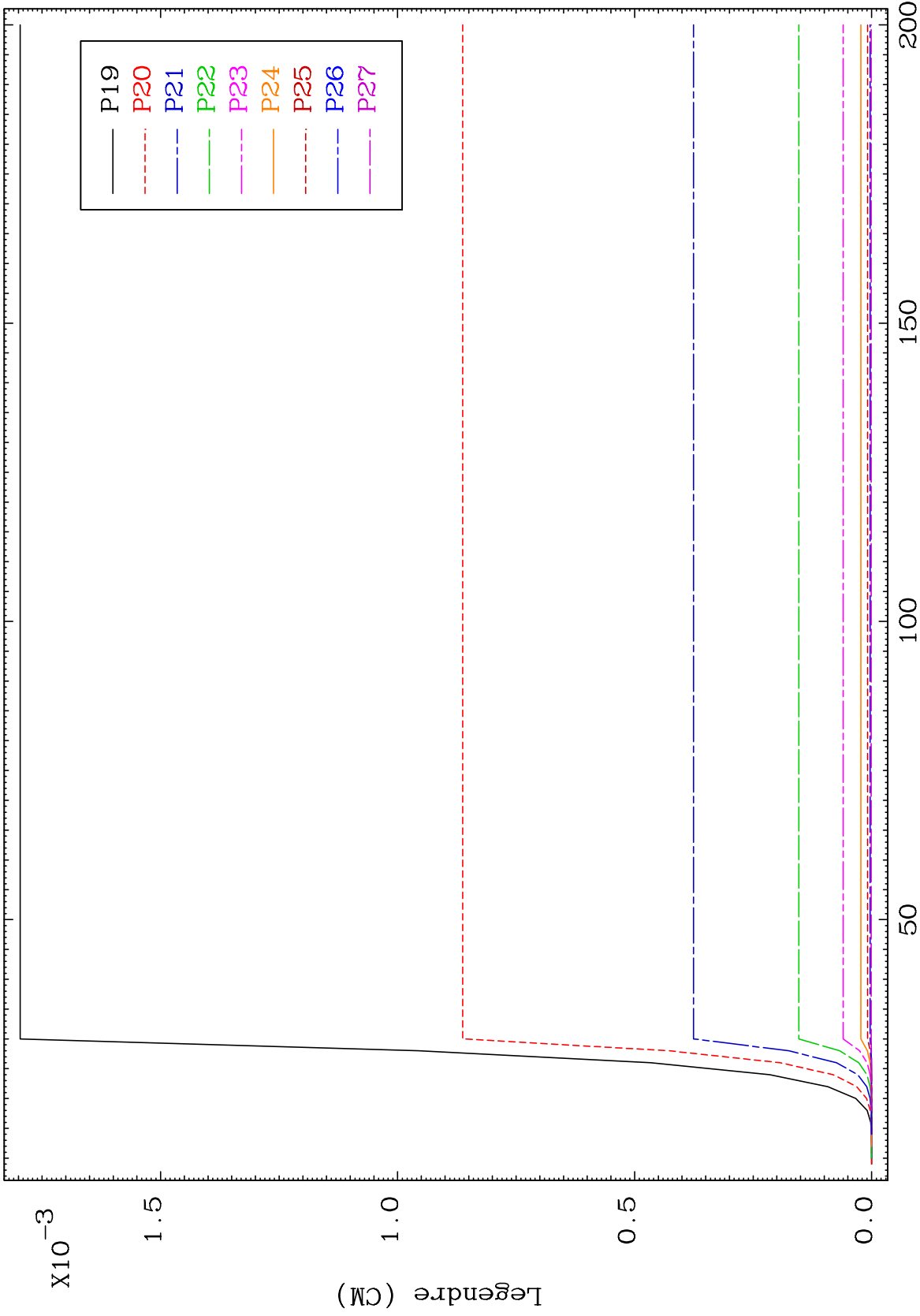
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



26

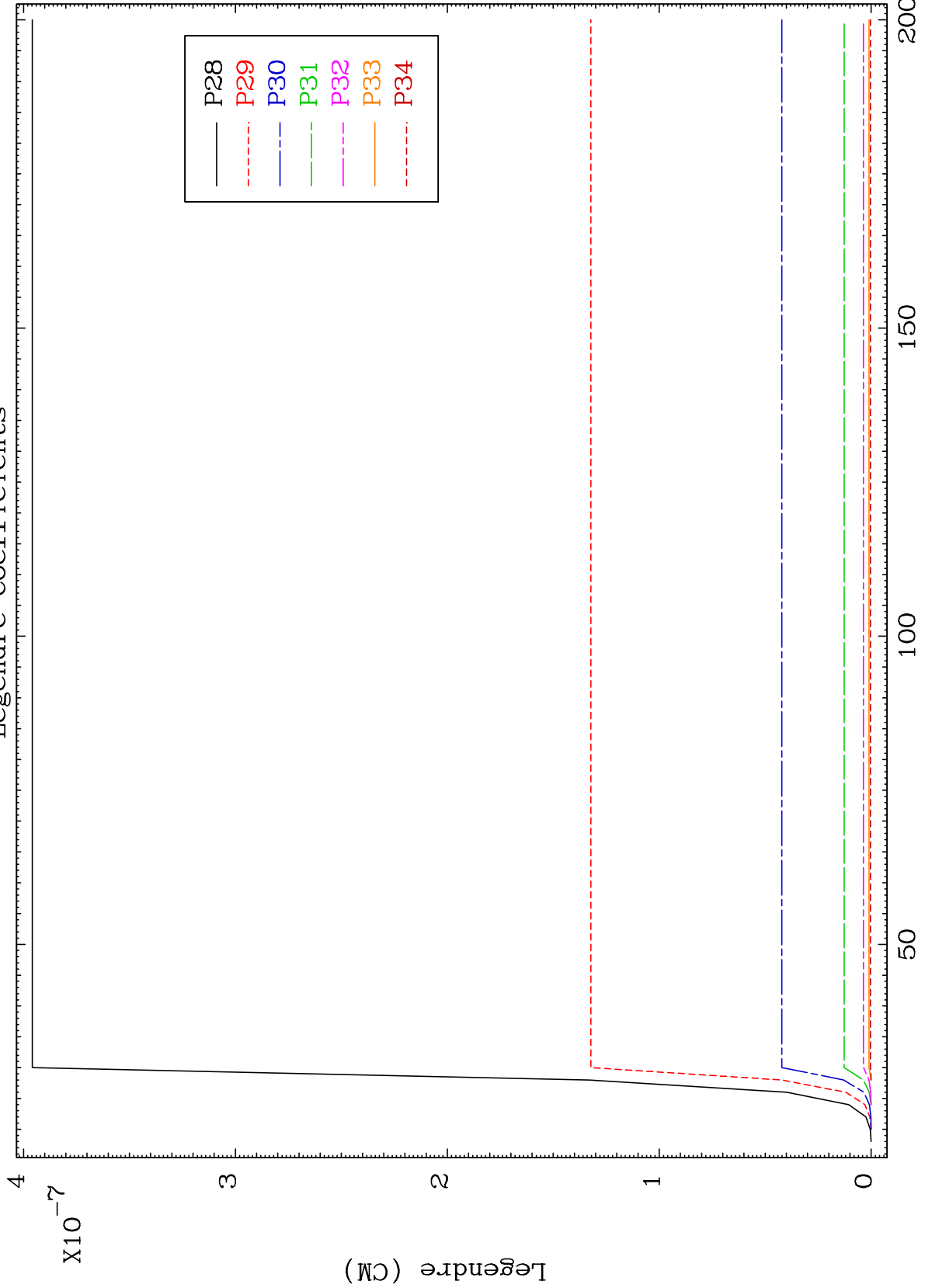
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



27

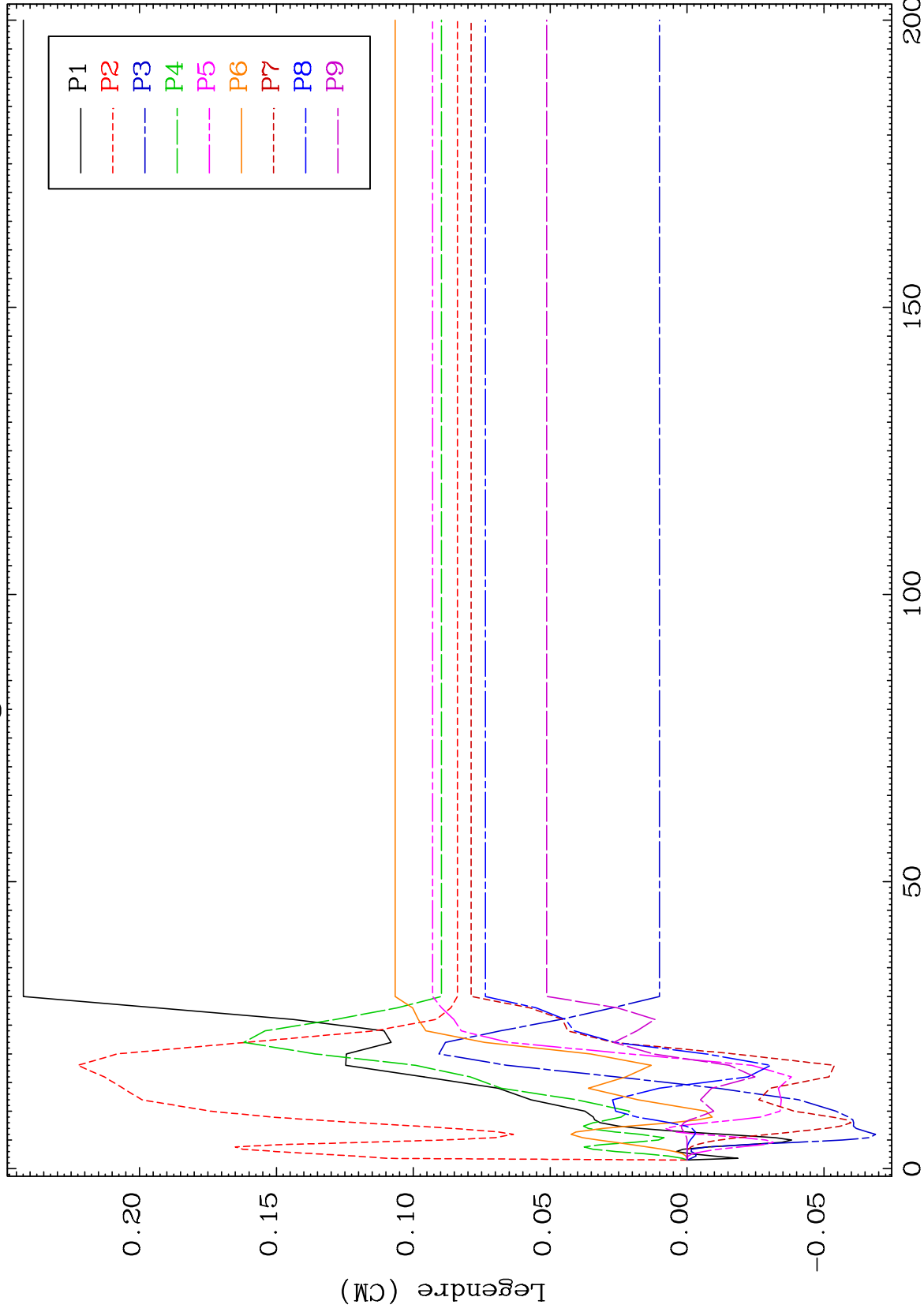
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



28

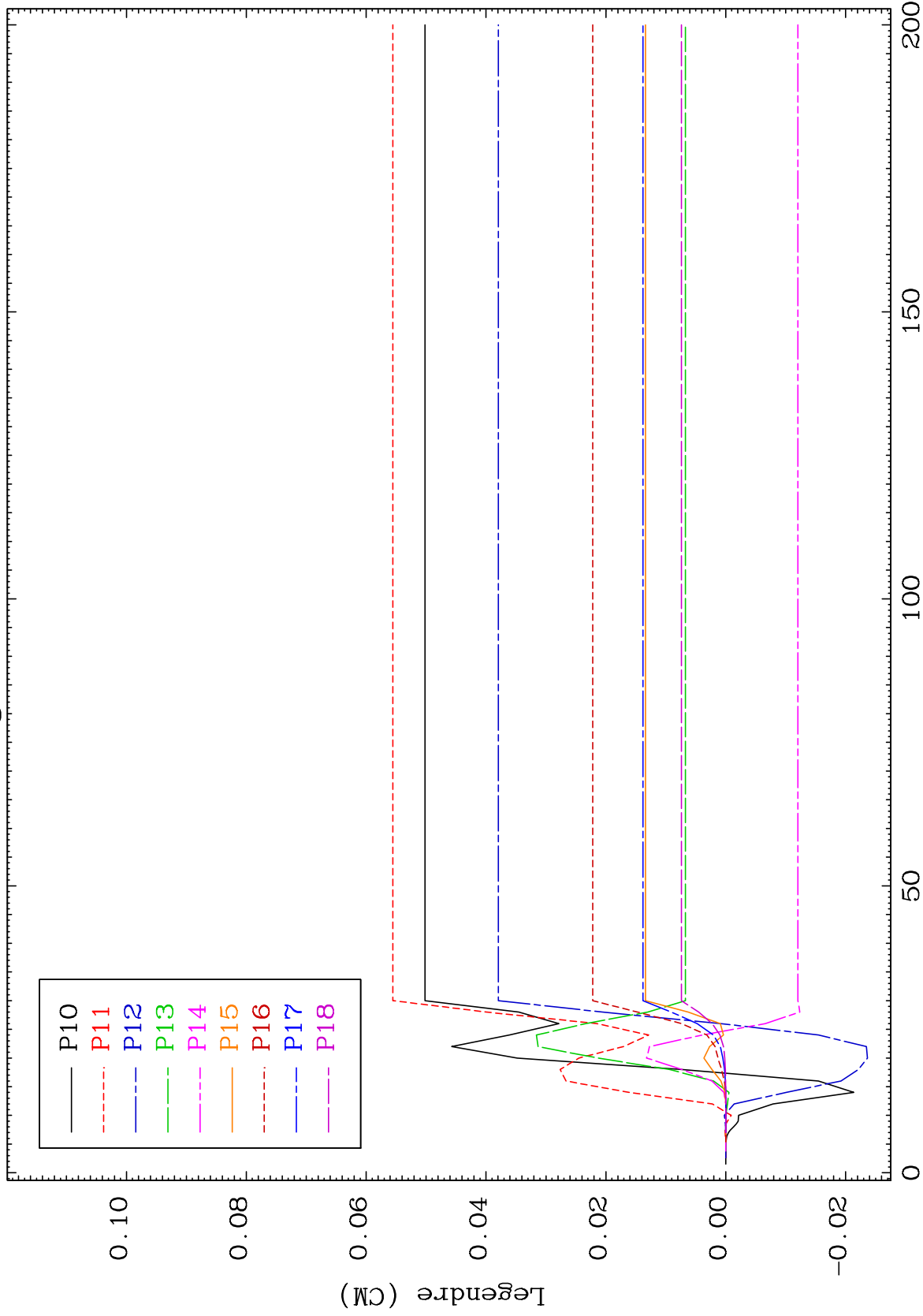
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



29

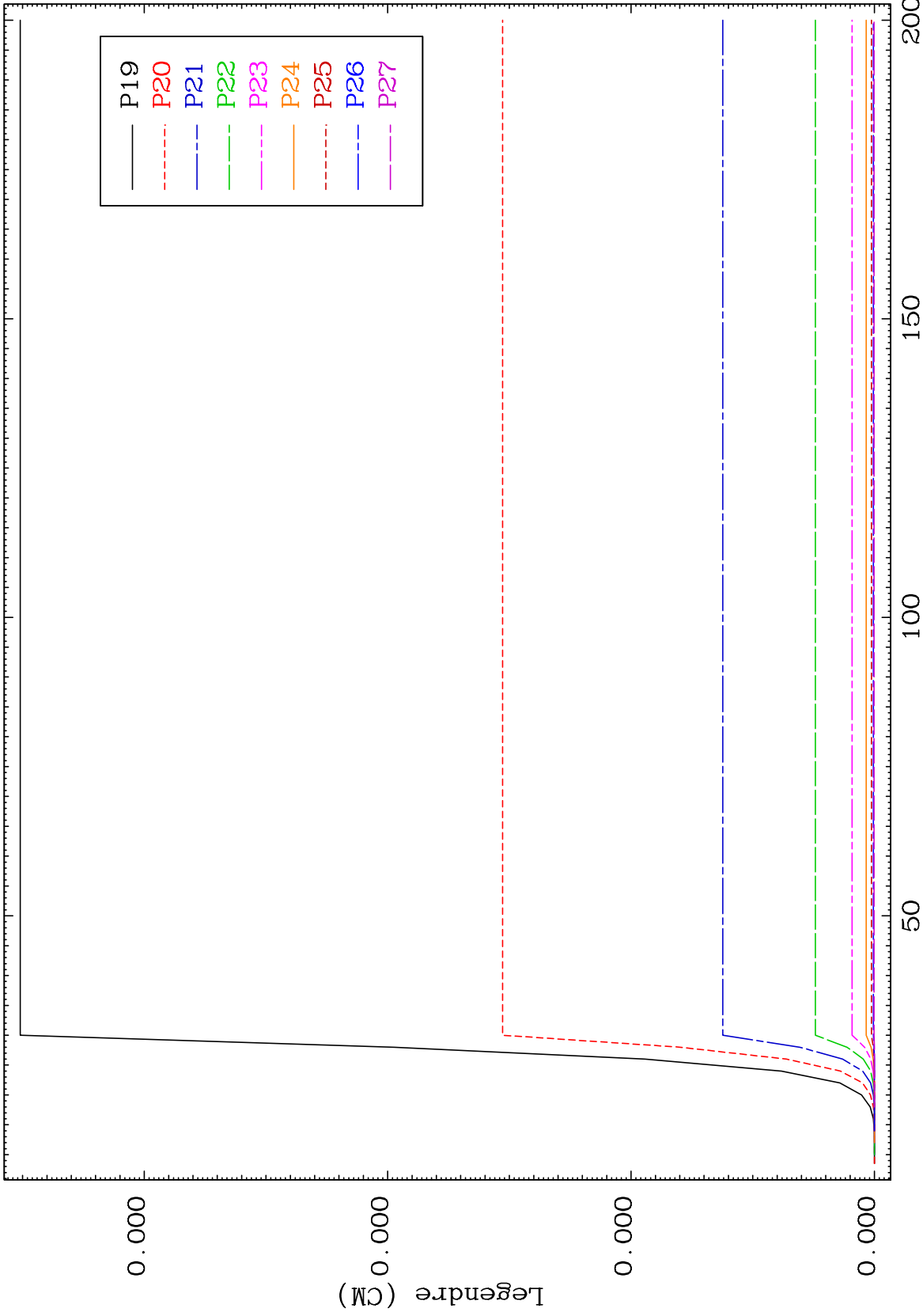
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



30

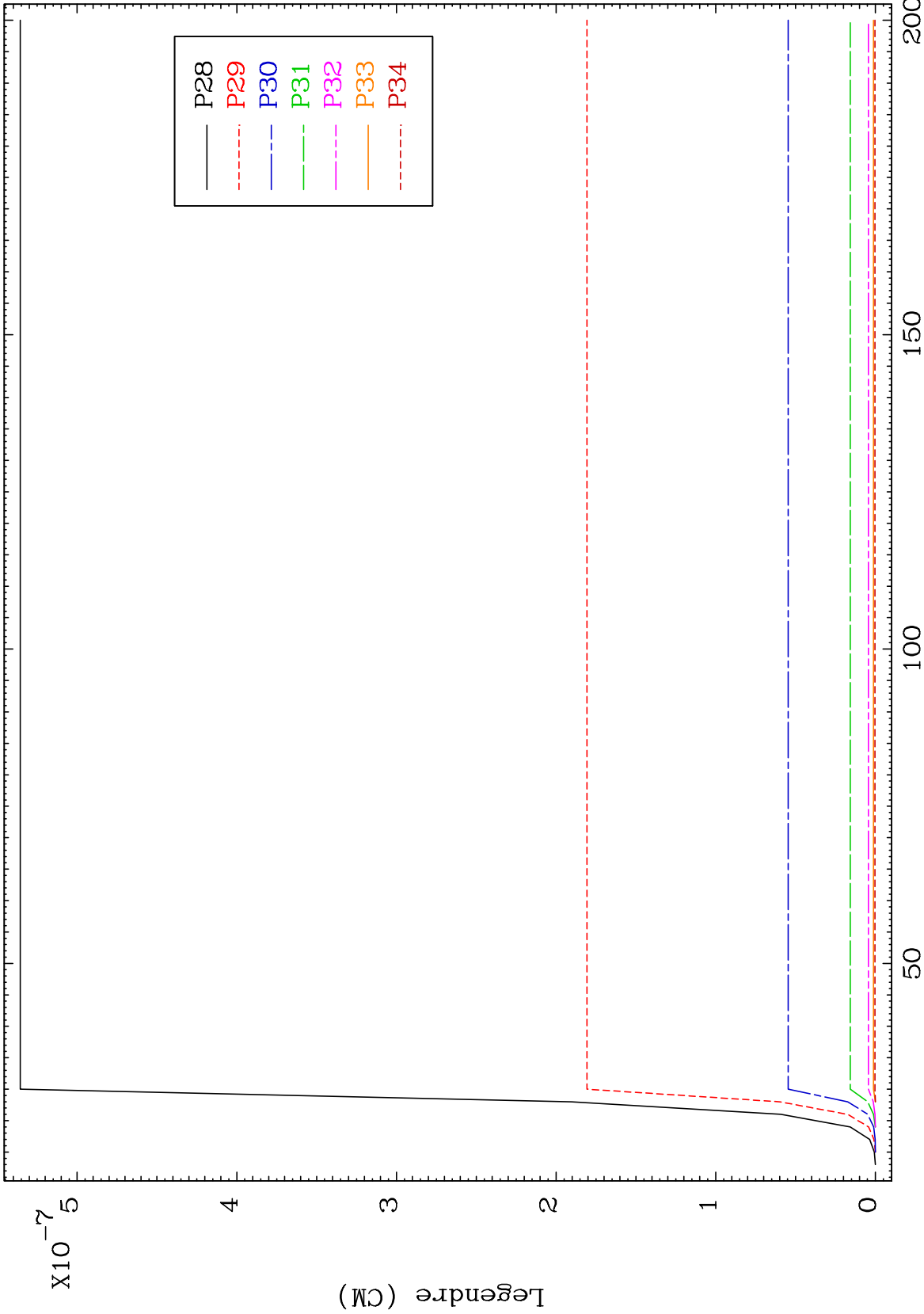
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



31

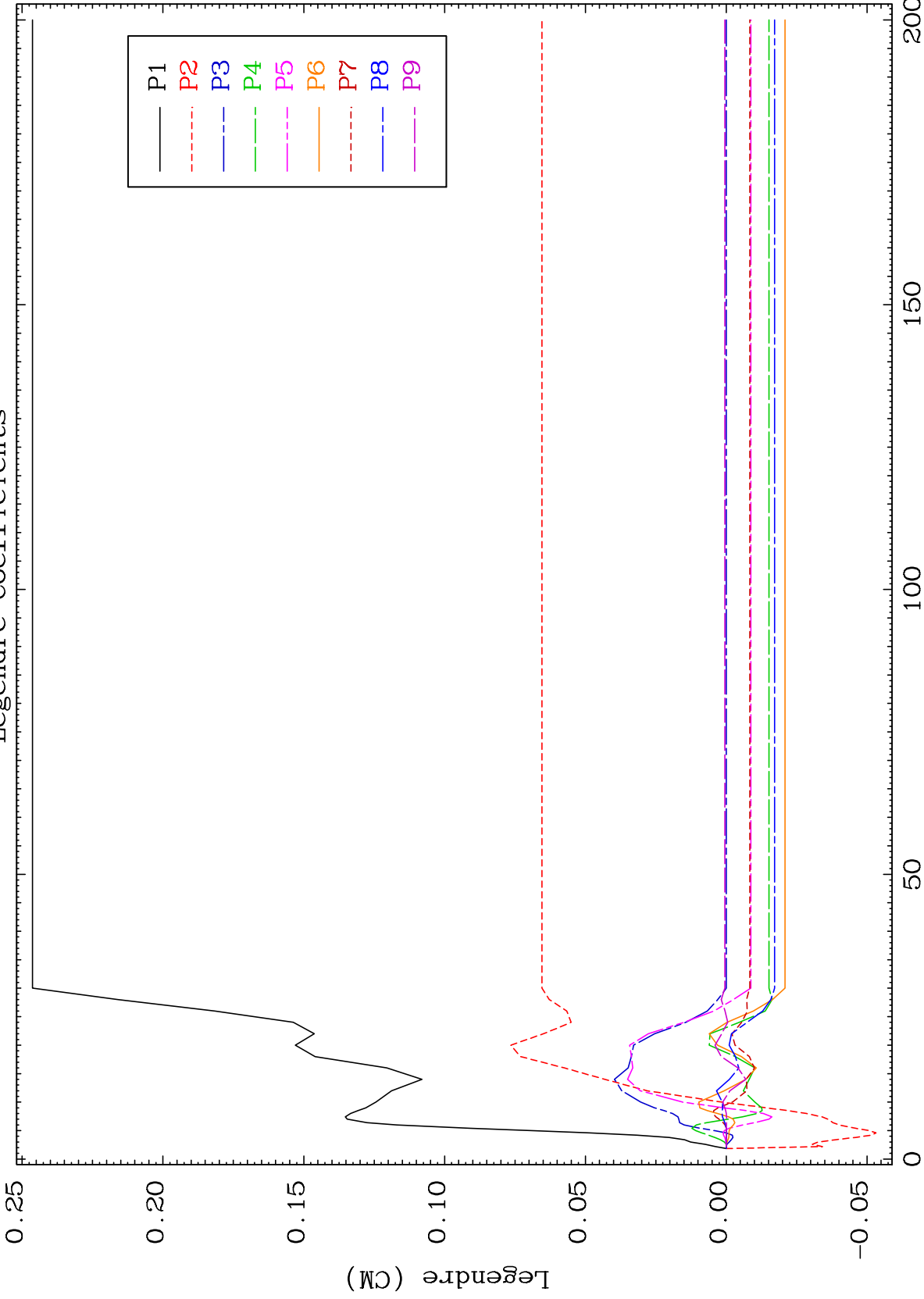
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



32

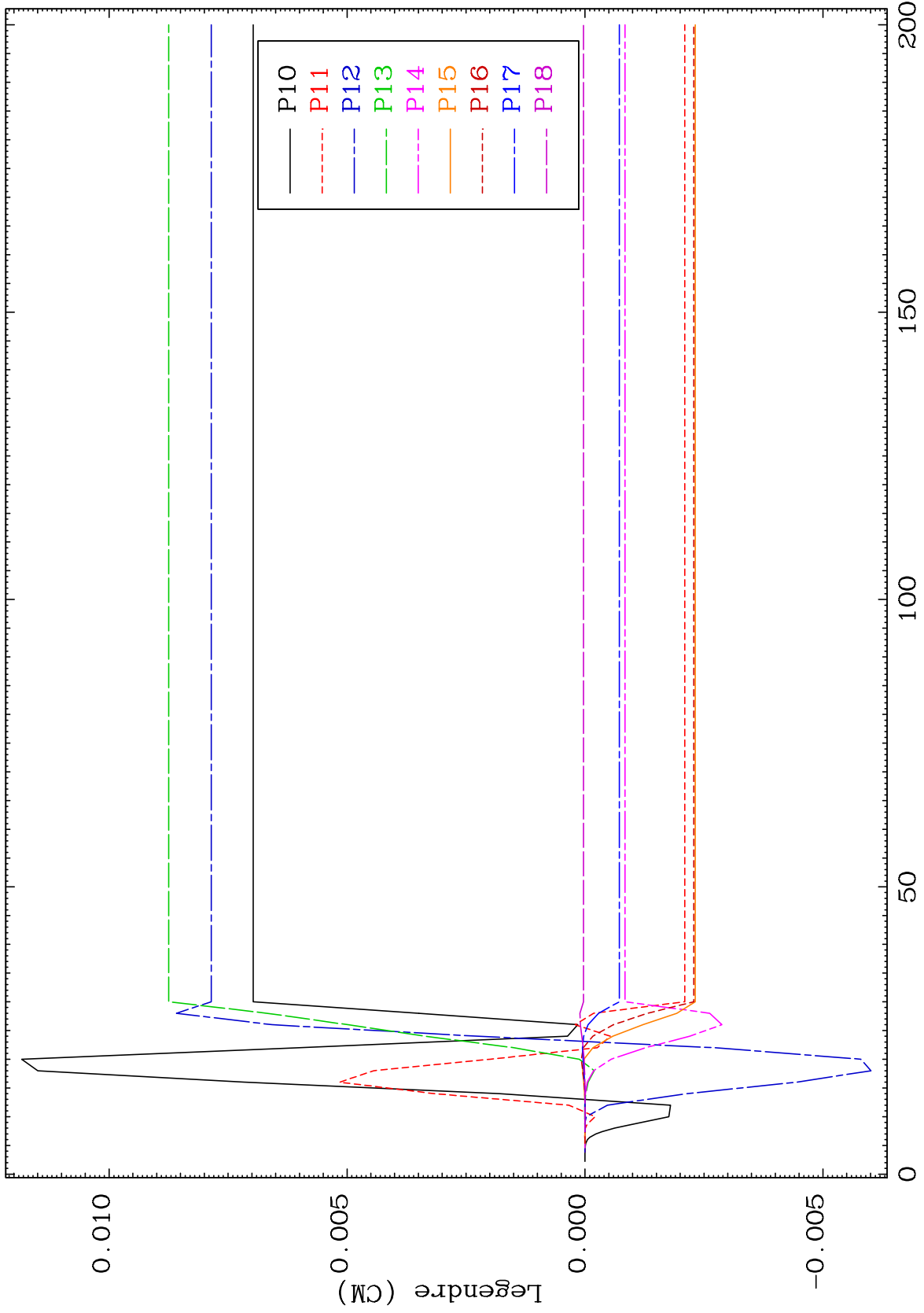
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

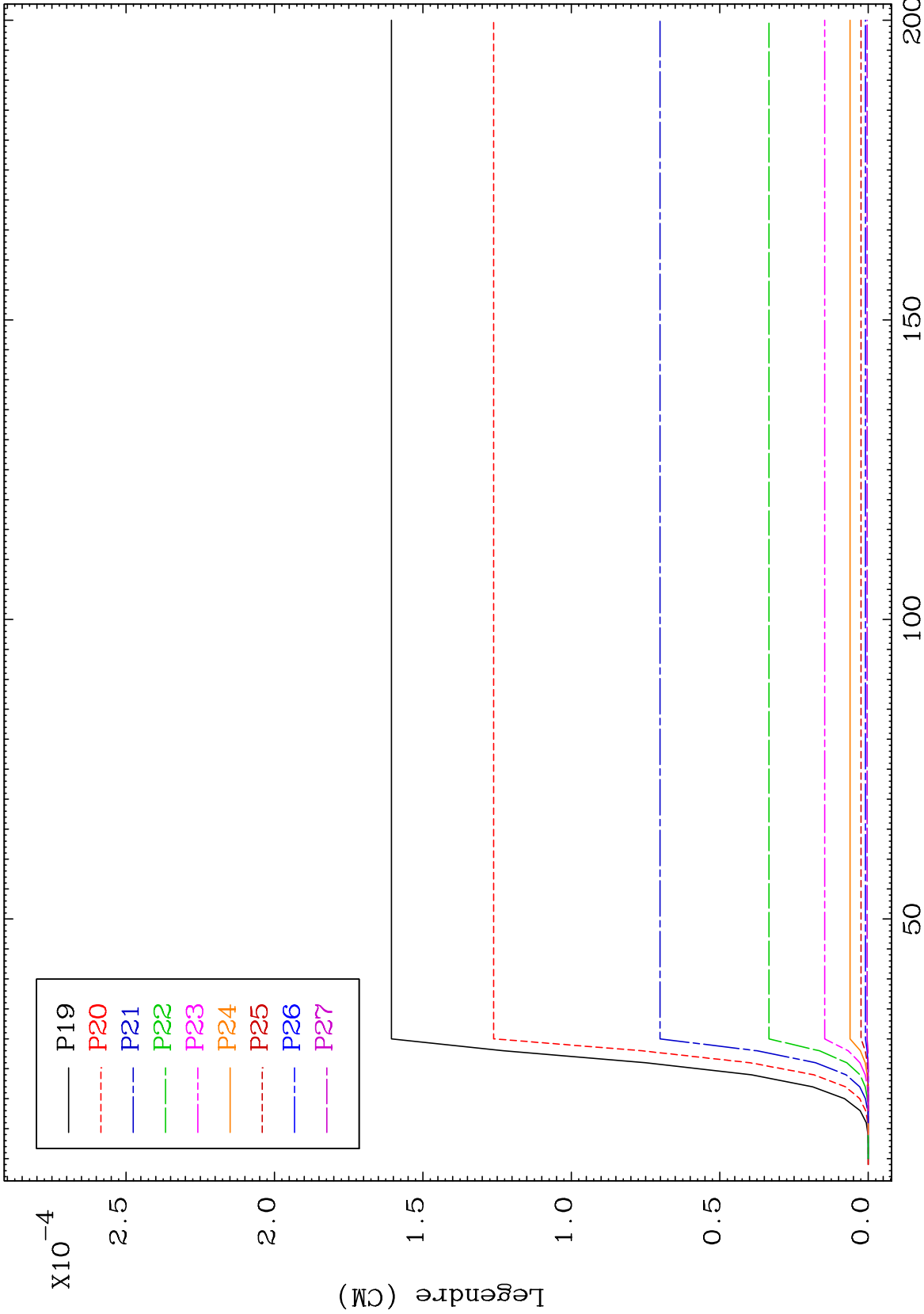
36-Kr-82



33

Incident Energy (MeV)

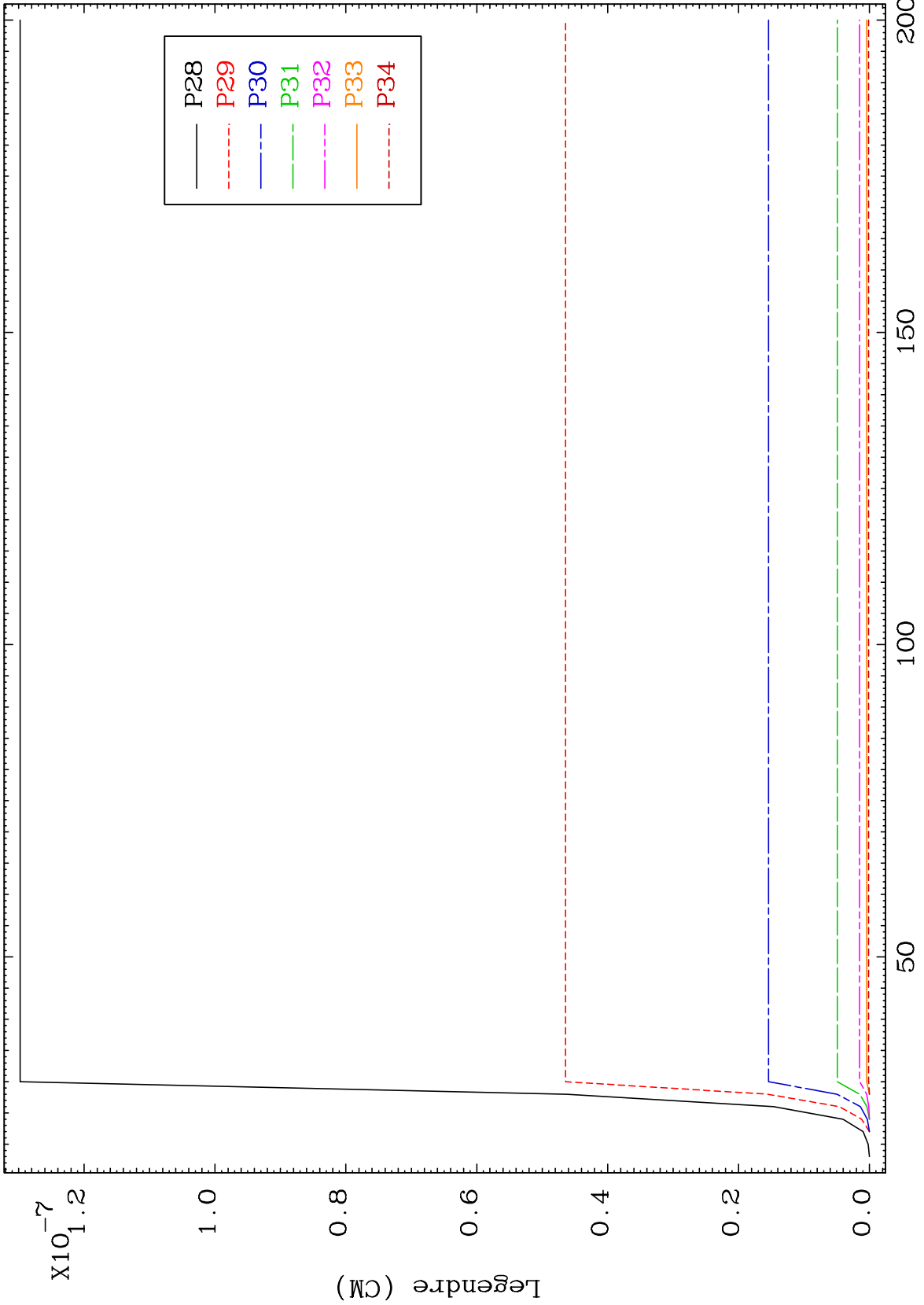
36-Kr-82



MAT 3637

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

36-Kr-82

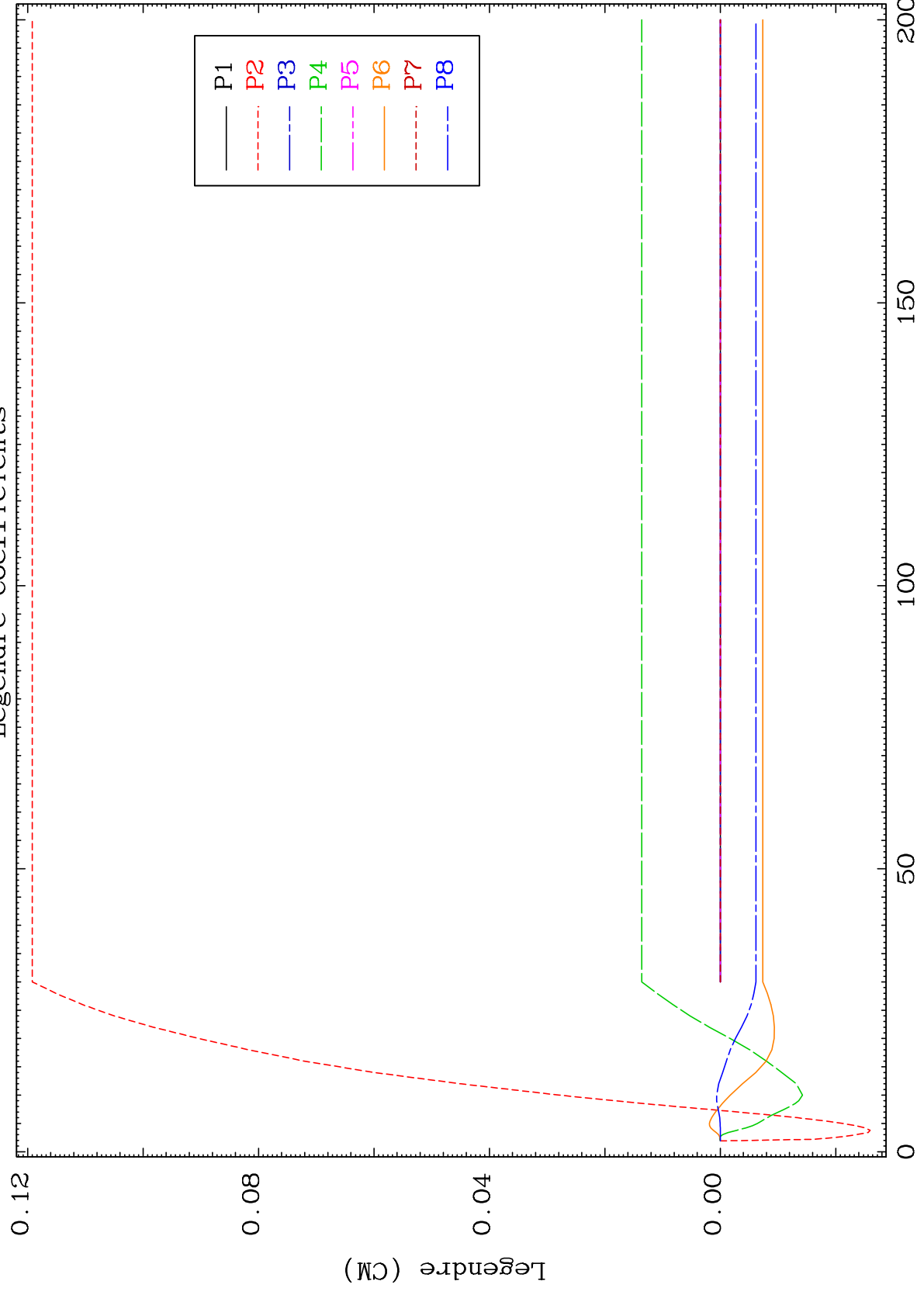


35

Incident Energy (MeV)

36-Kr-82

MAT 3637 MT= 55 (n,n') Level Legendre Coefficients 36-Kr-82

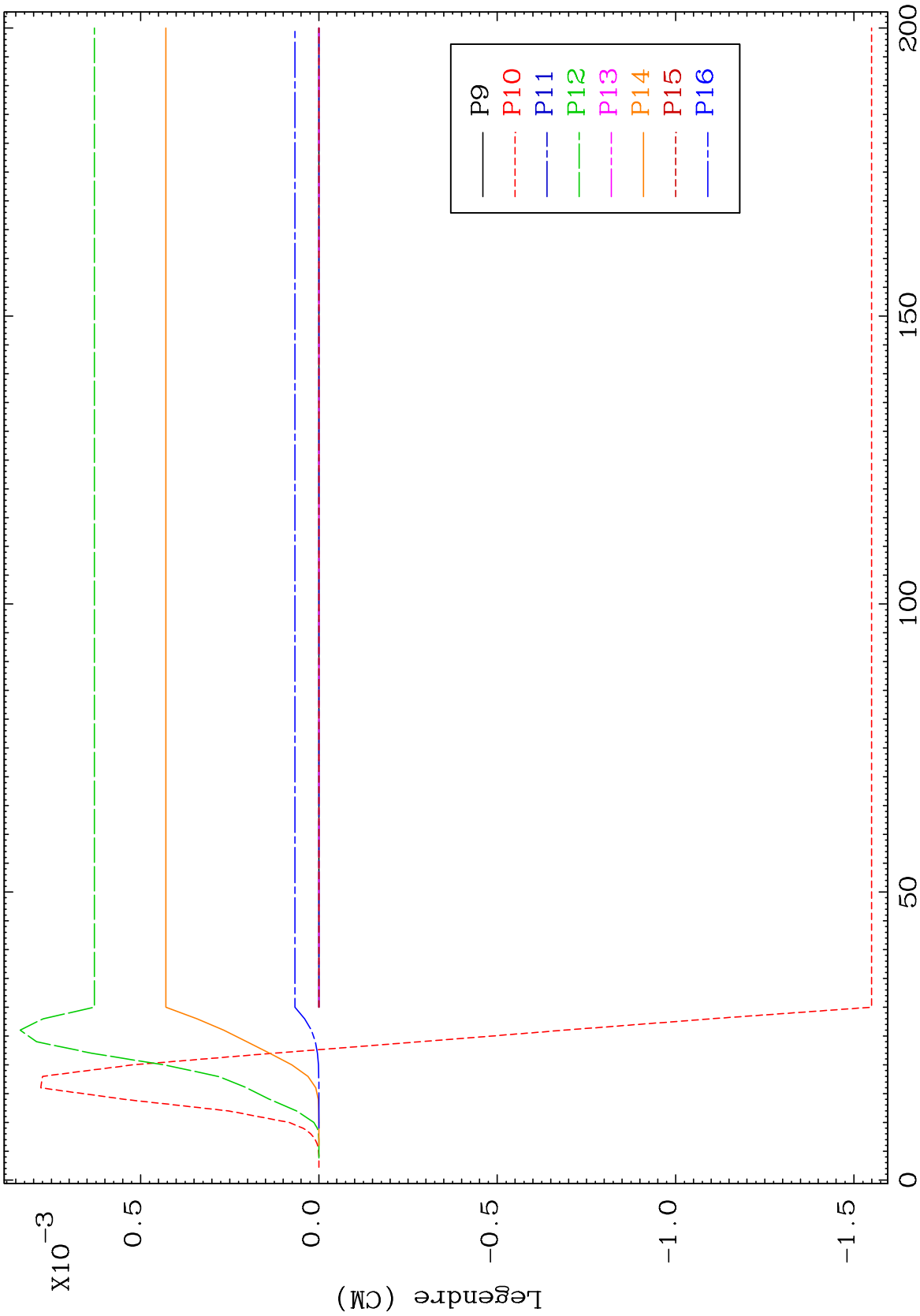


36 36-Kr-82

MAT 3637

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

36-Kr-82



37

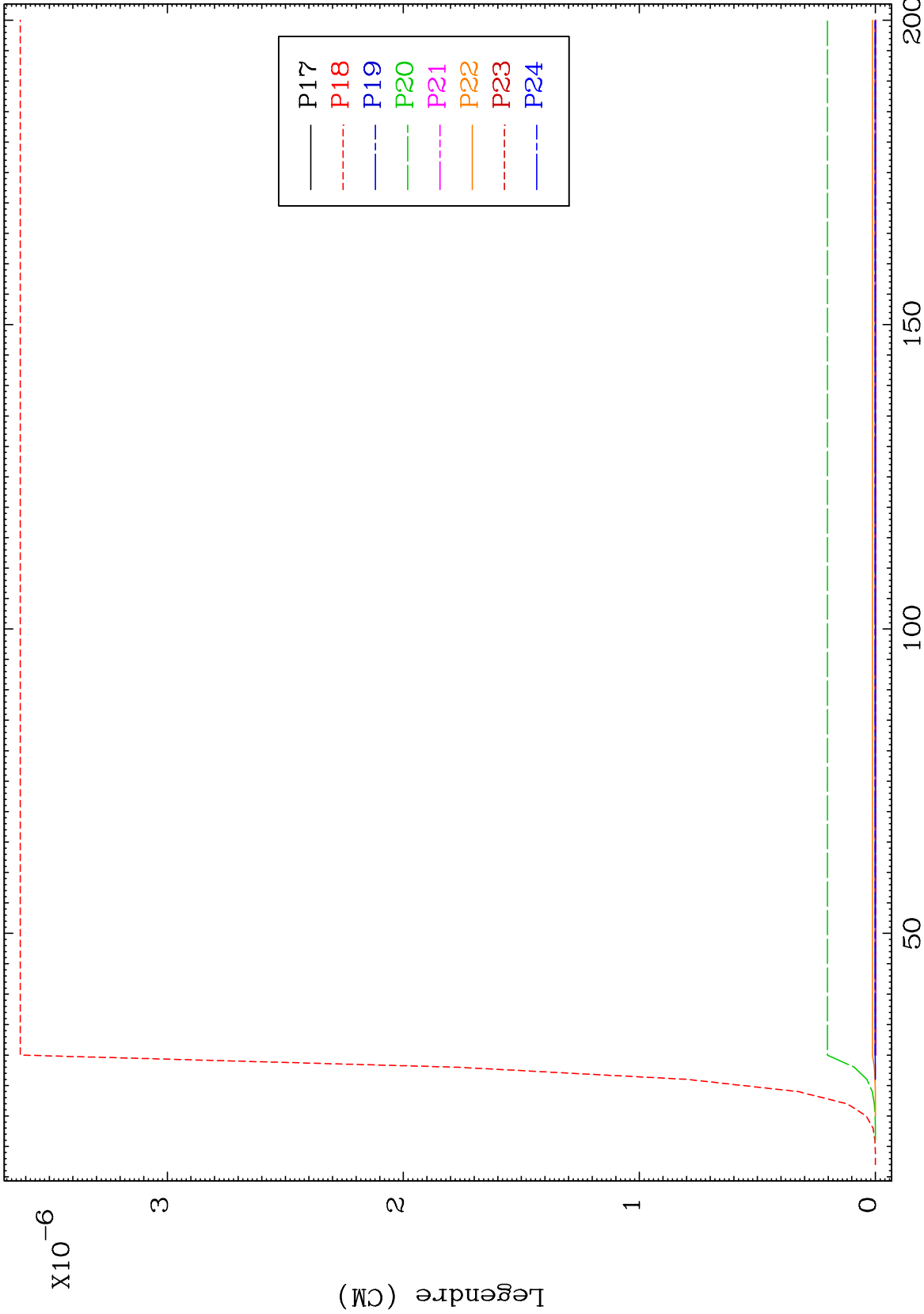
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



38

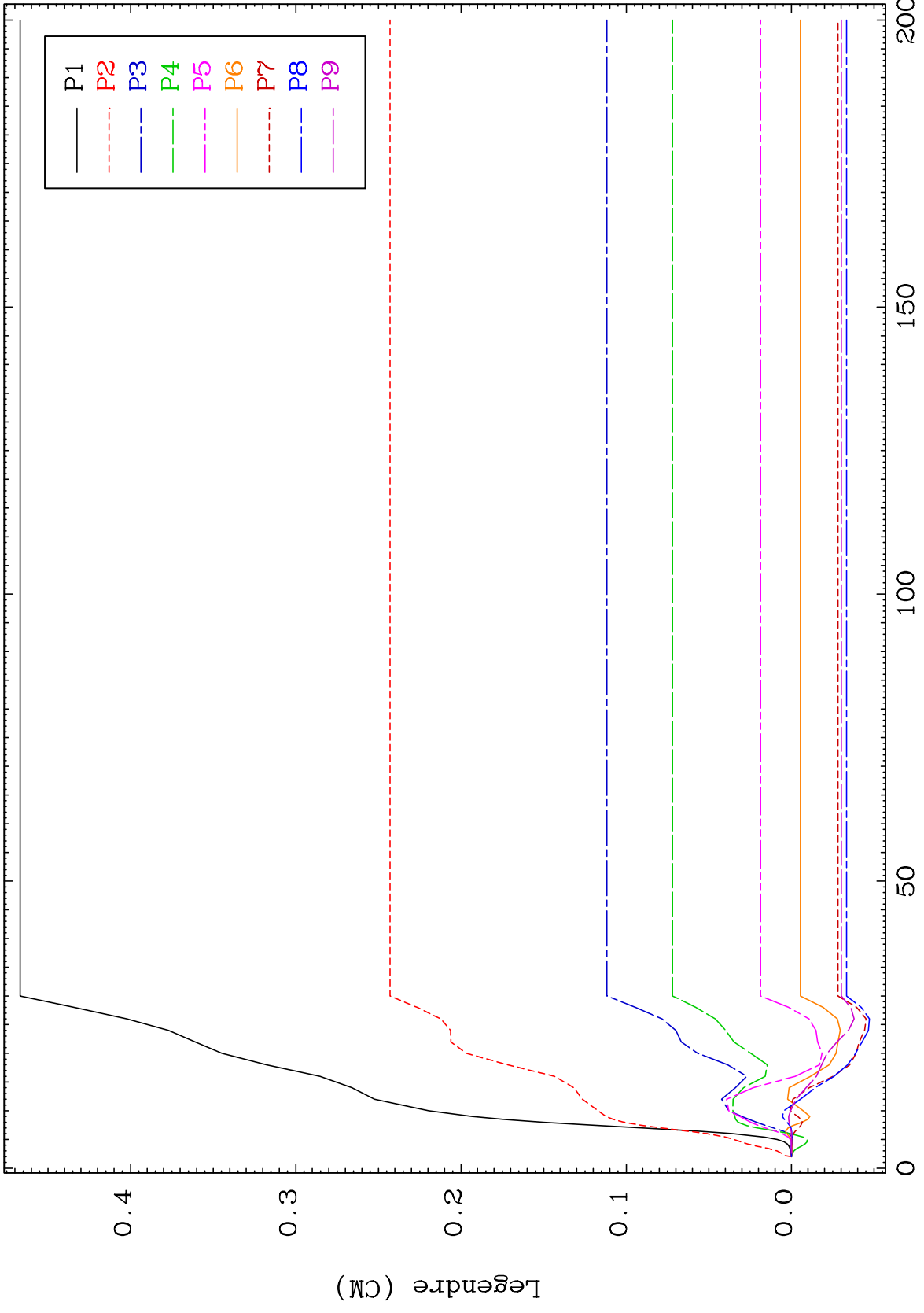
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



39

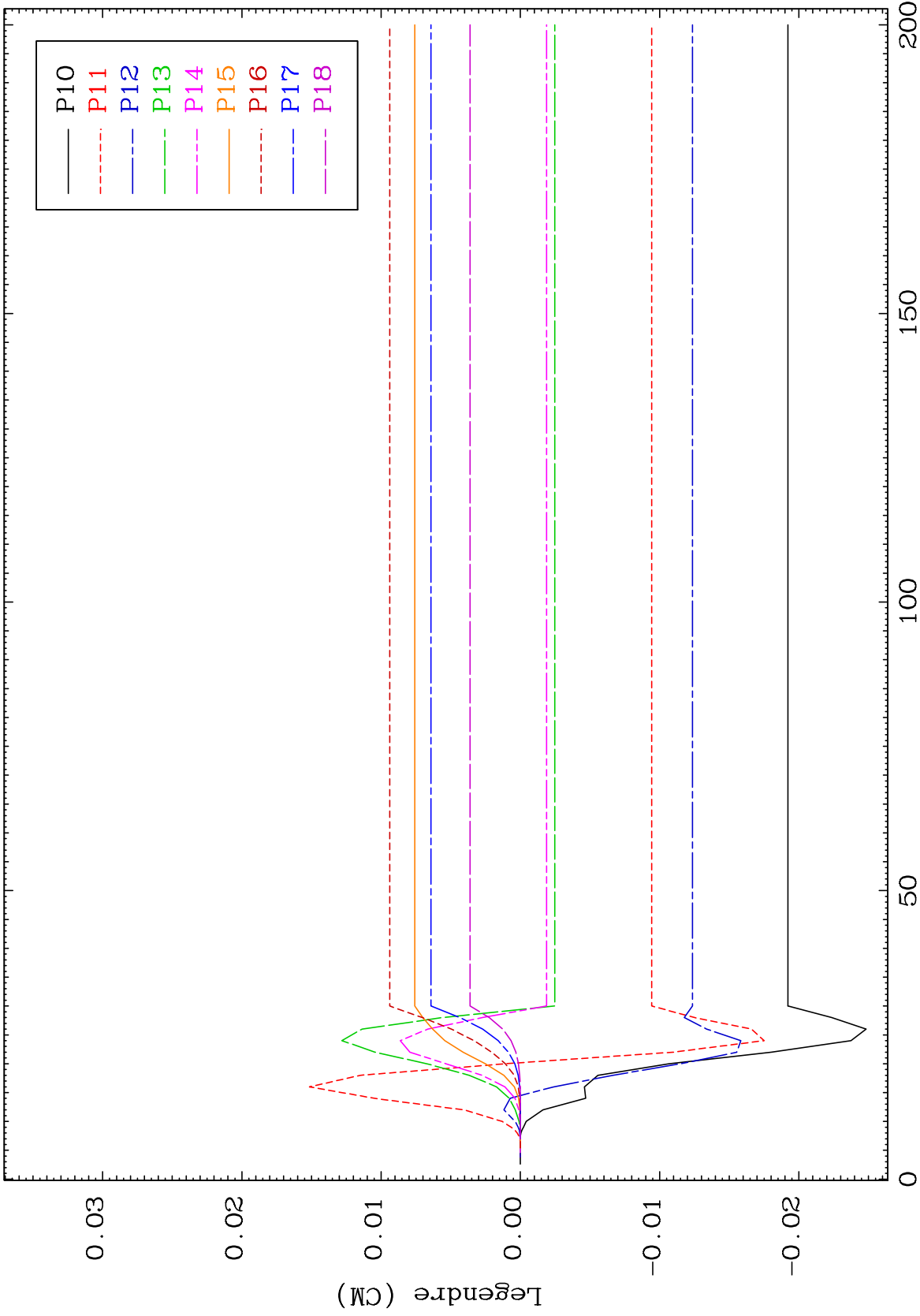
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



40

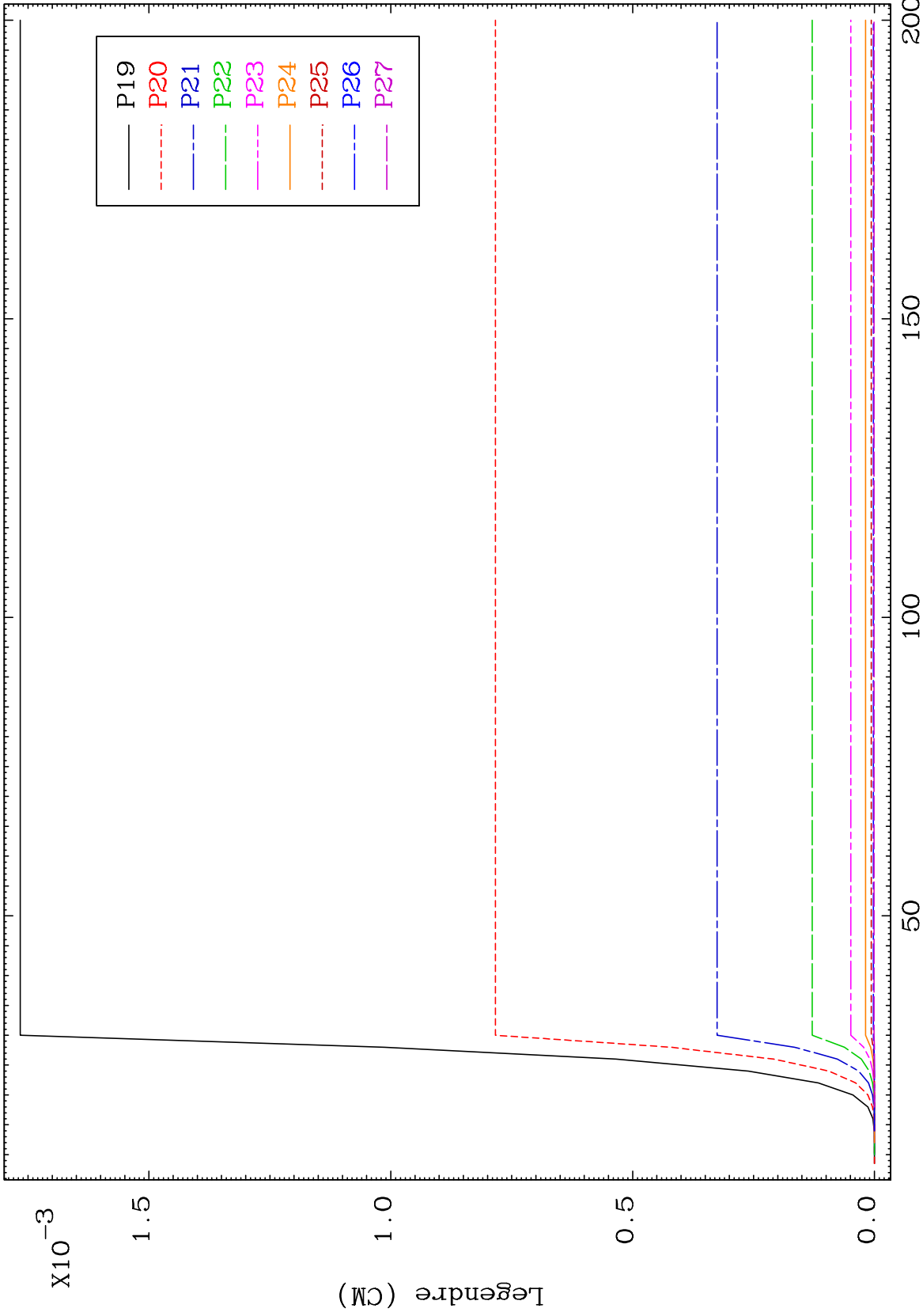
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



41

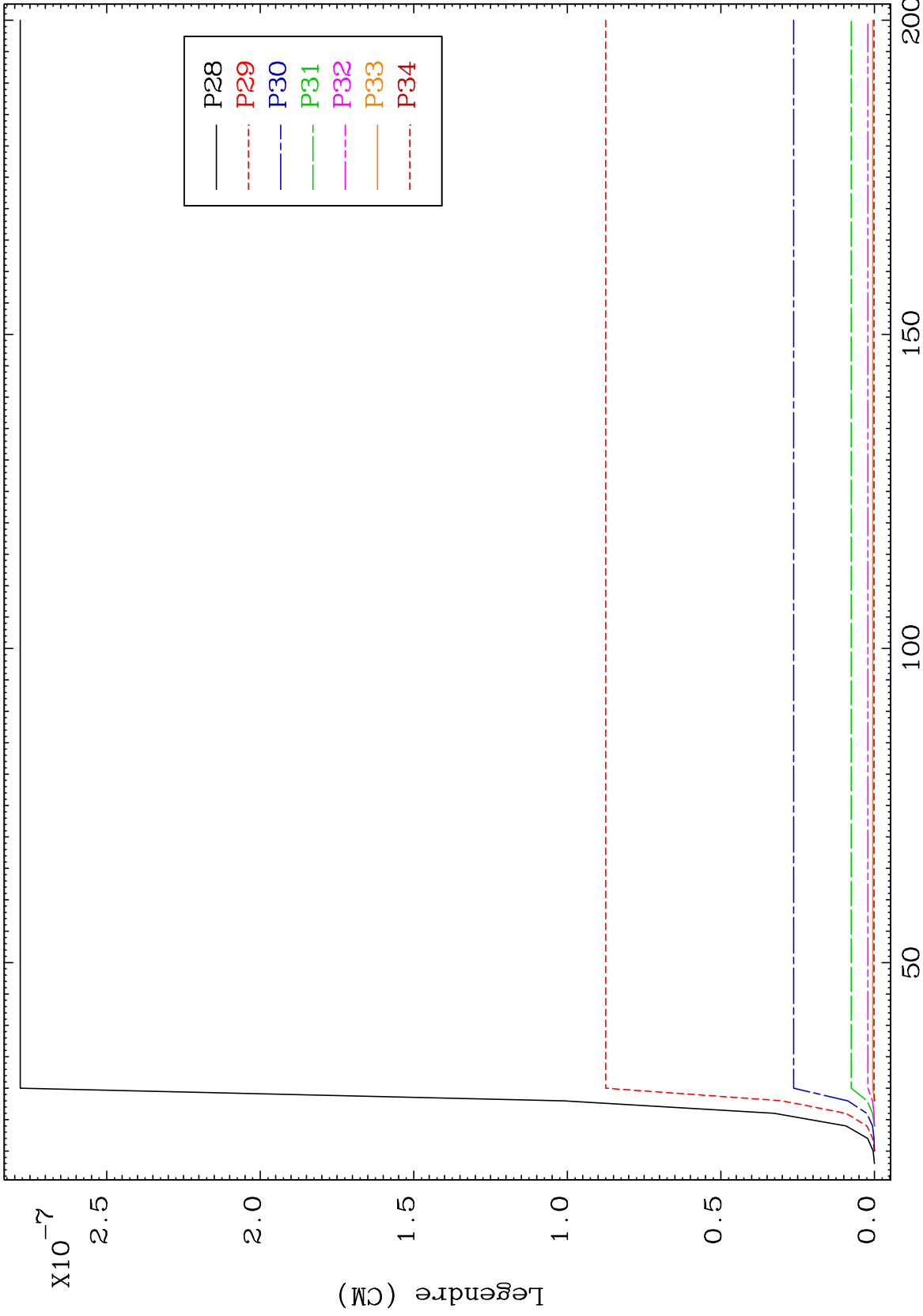
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82

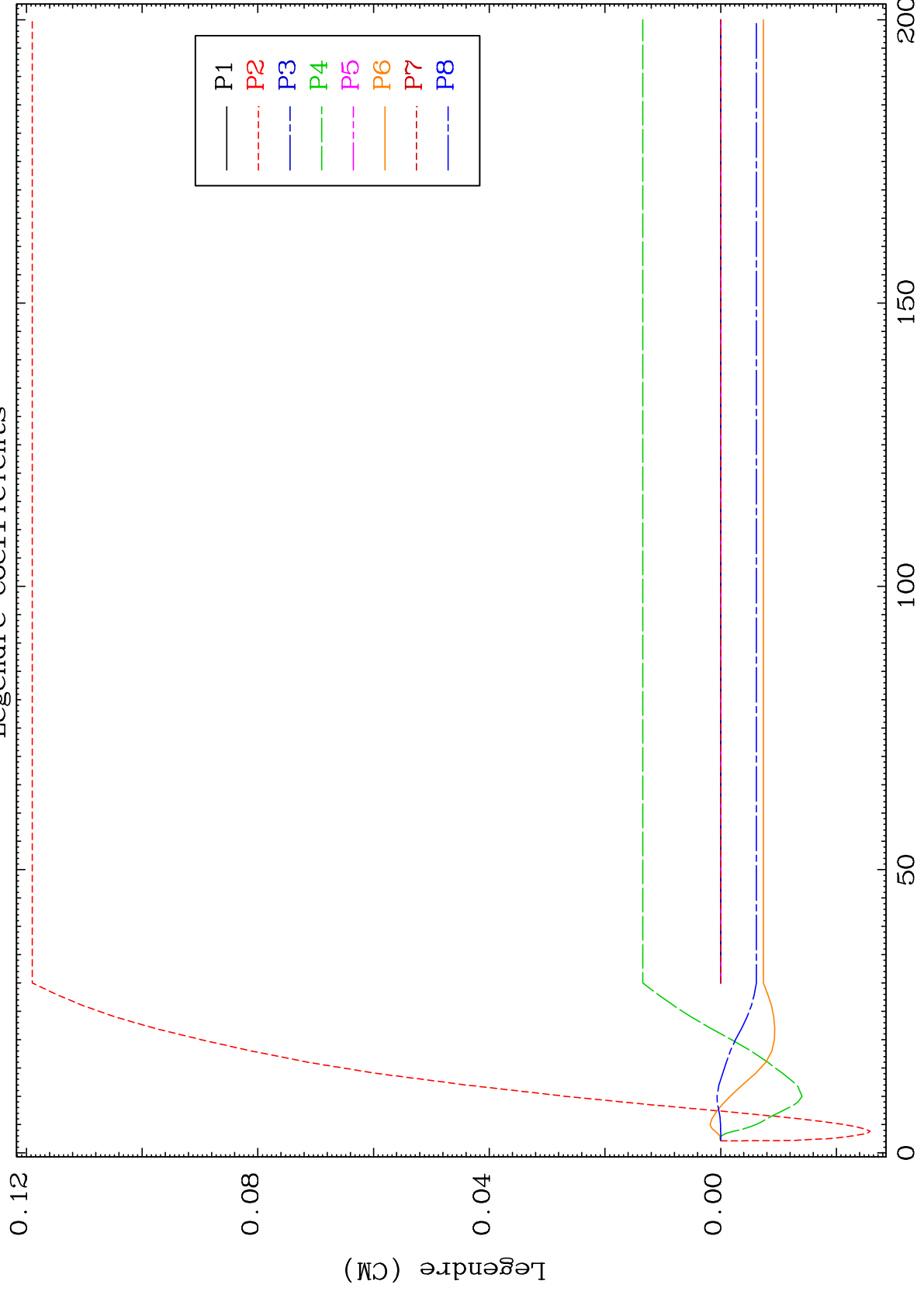


42

Incident Energy (MeV)

36-Kr-82

MAT 3637 MT= 57 (n,n') Level Legendre Coefficients 36-Kr-82

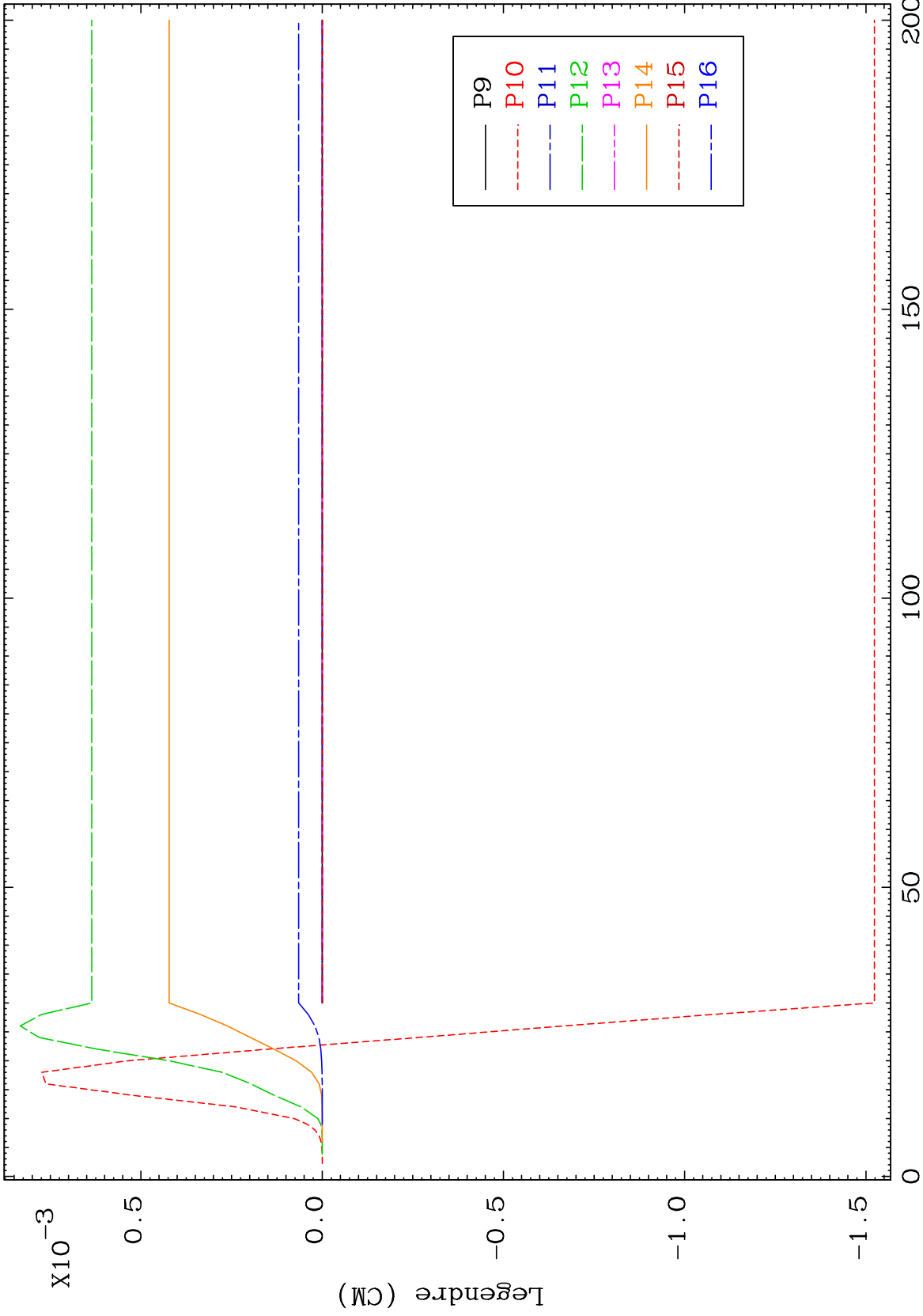


43 36-Kr-82

MAT 3637

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

36-Kr-82



44

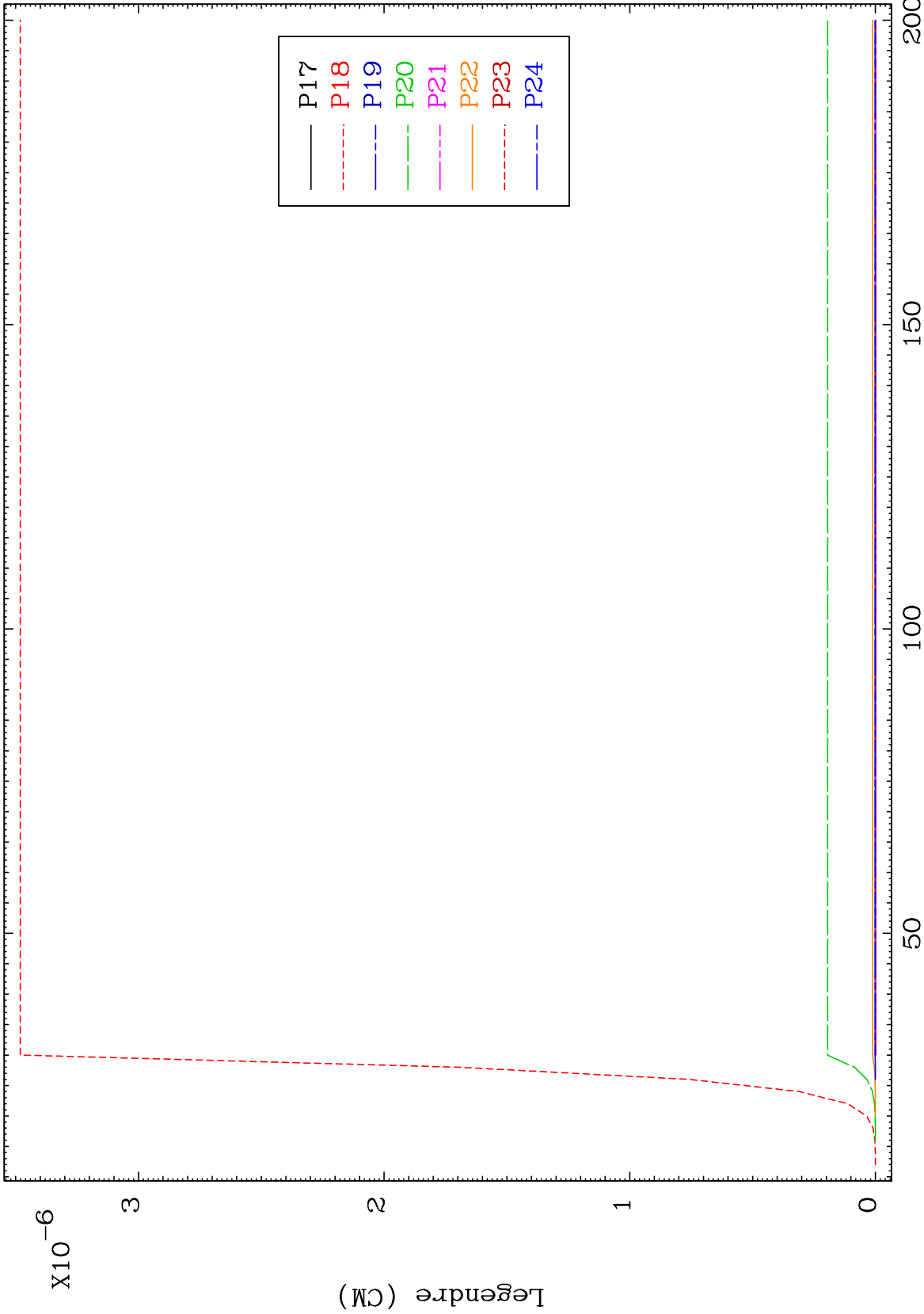
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



45

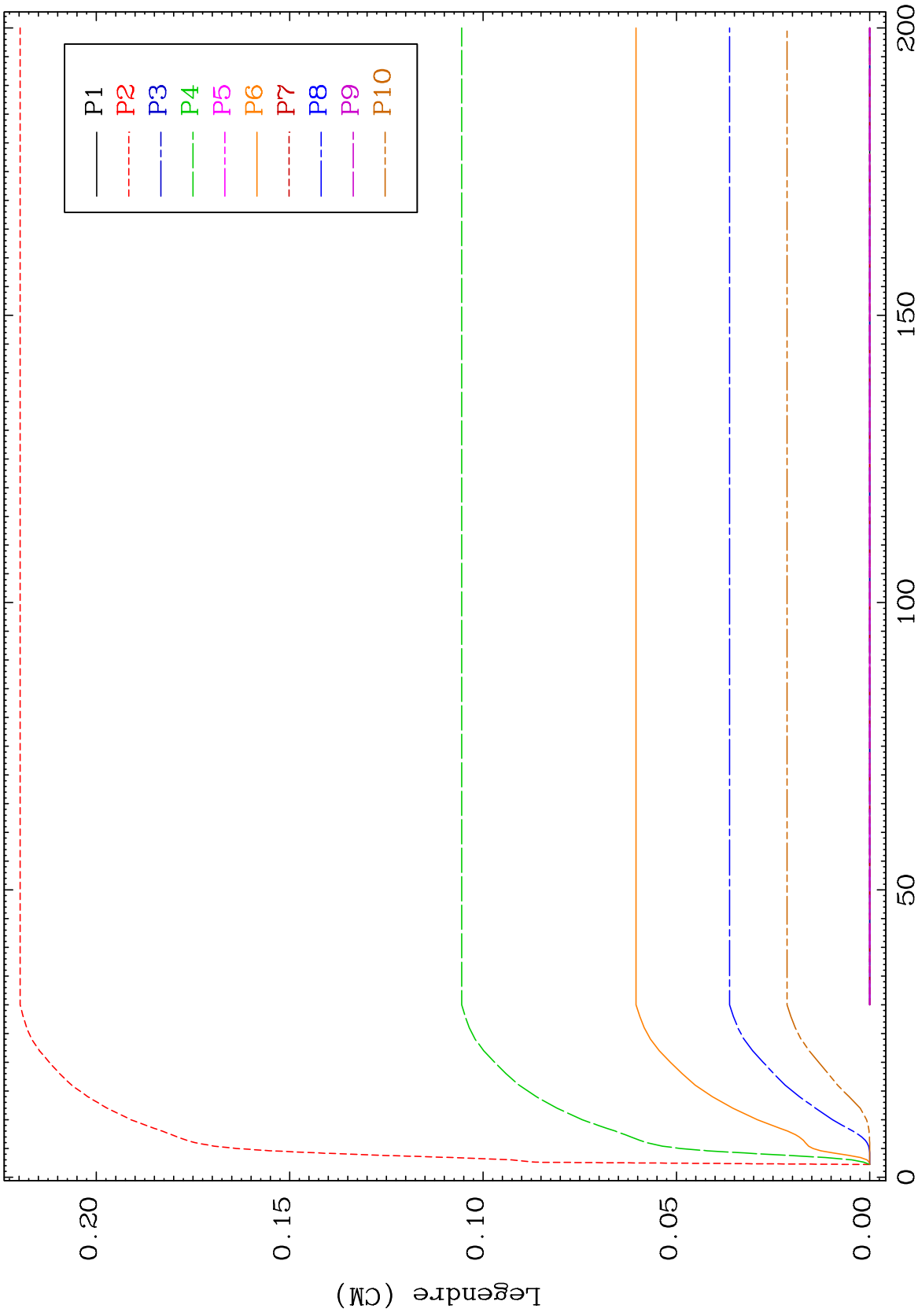
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



46

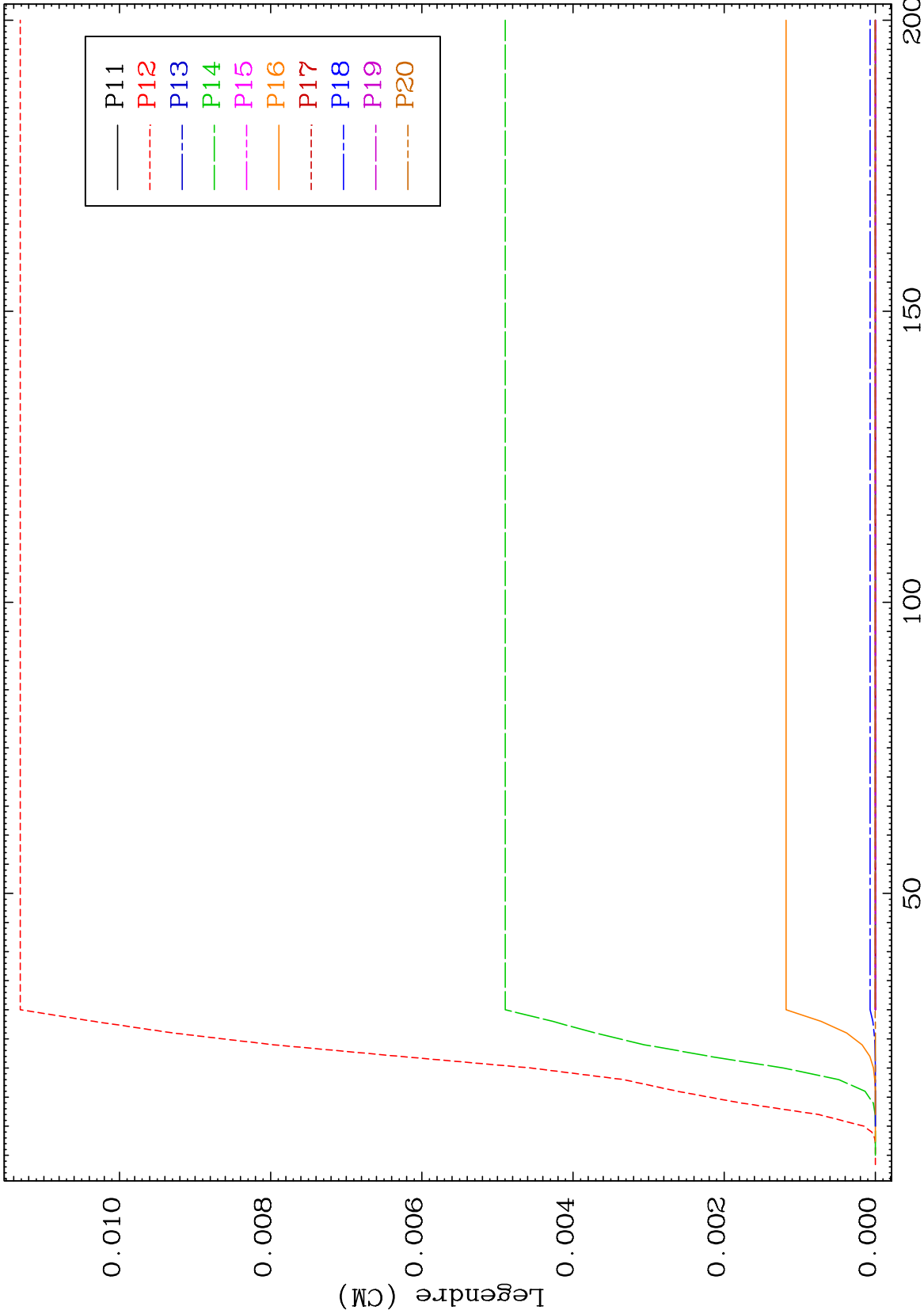
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



47

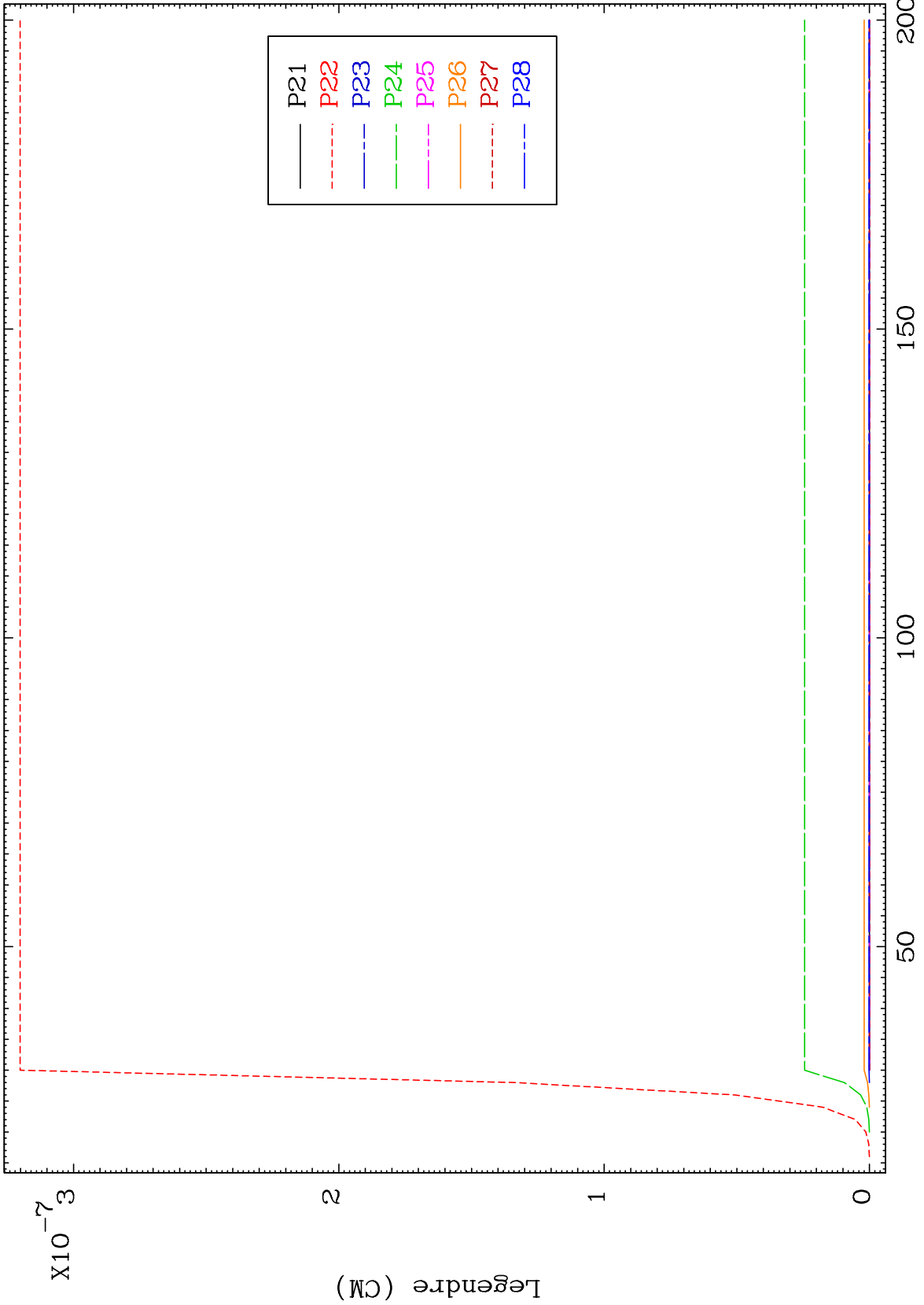
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



48

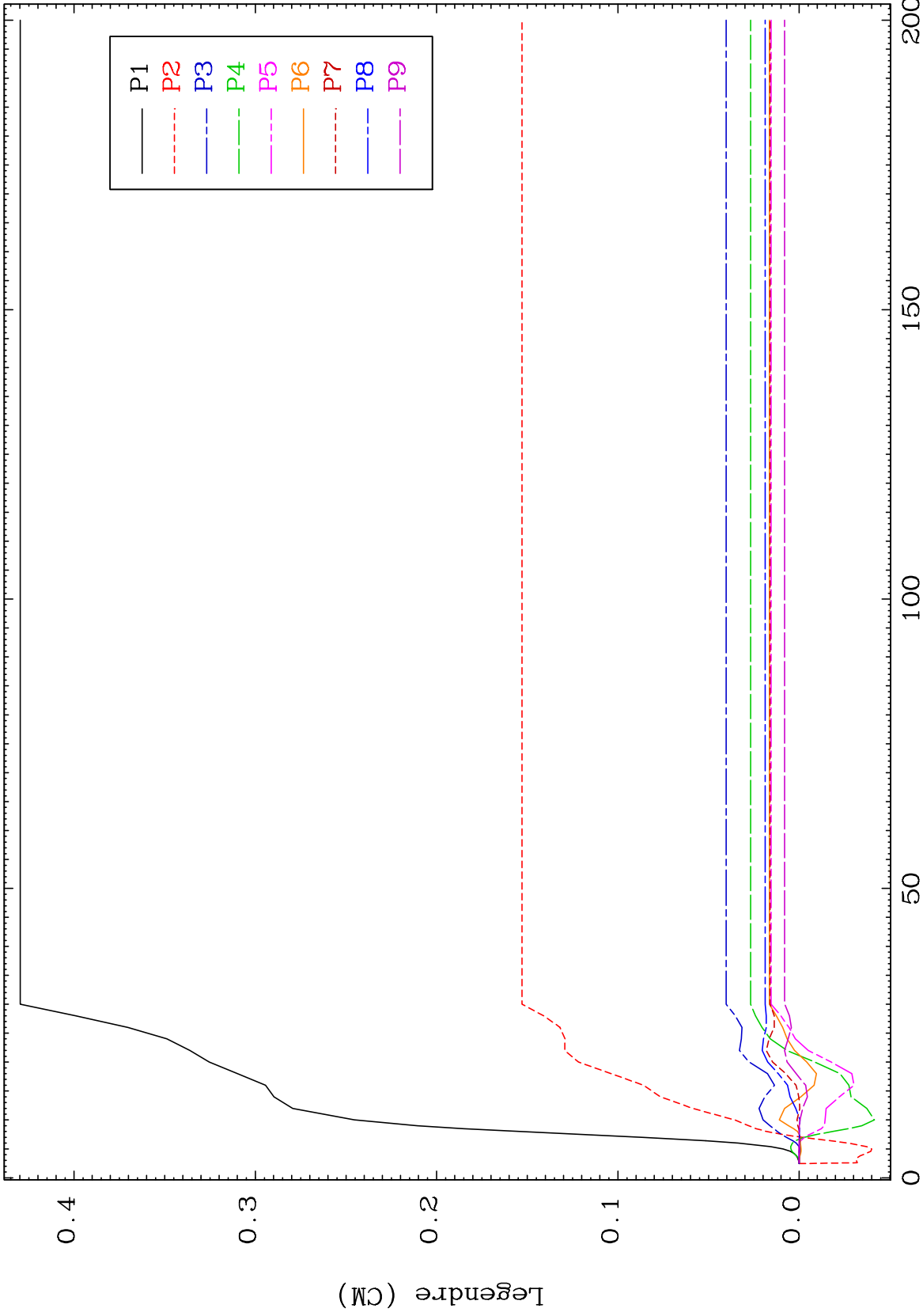
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



49

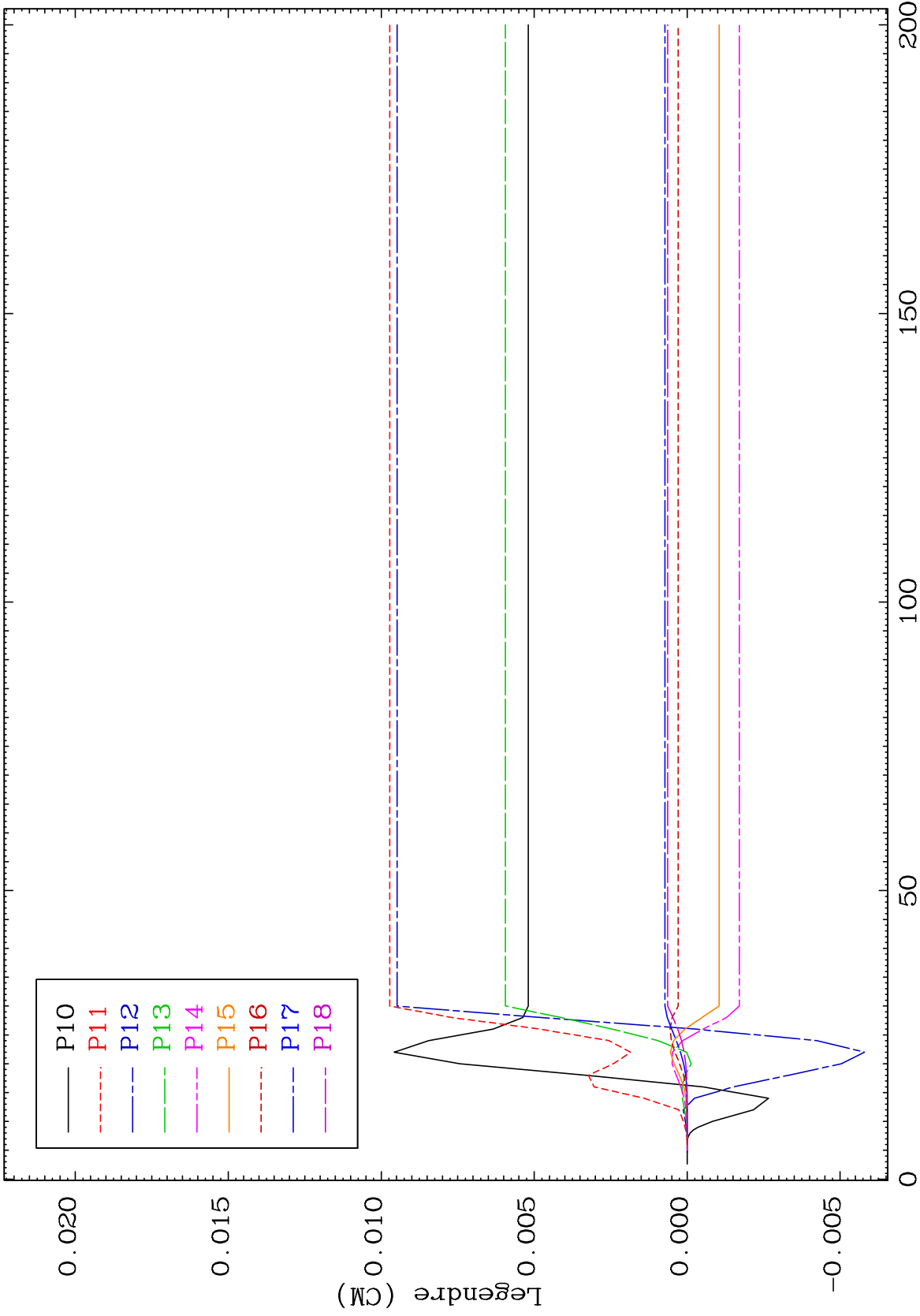
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



50

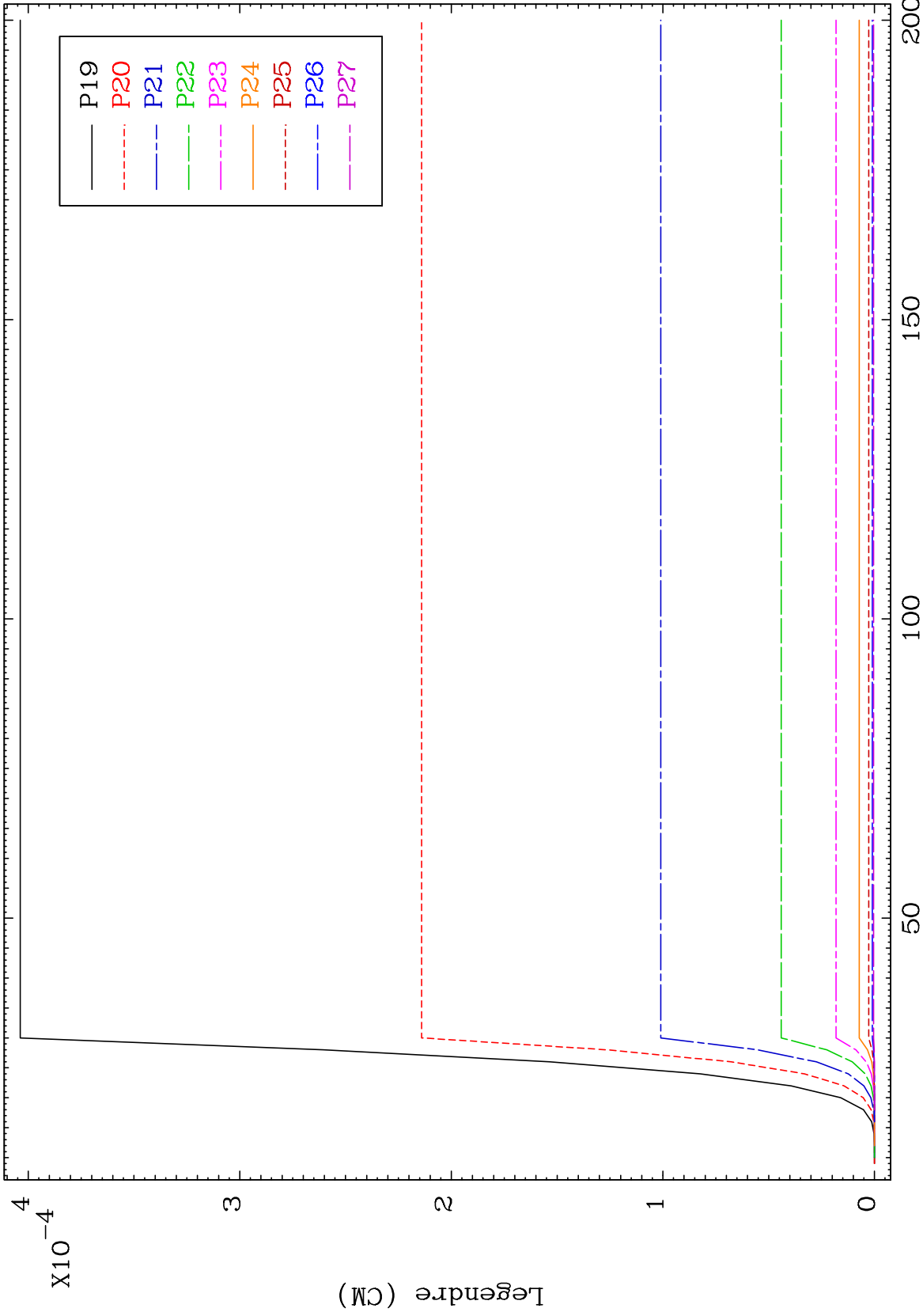
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



51

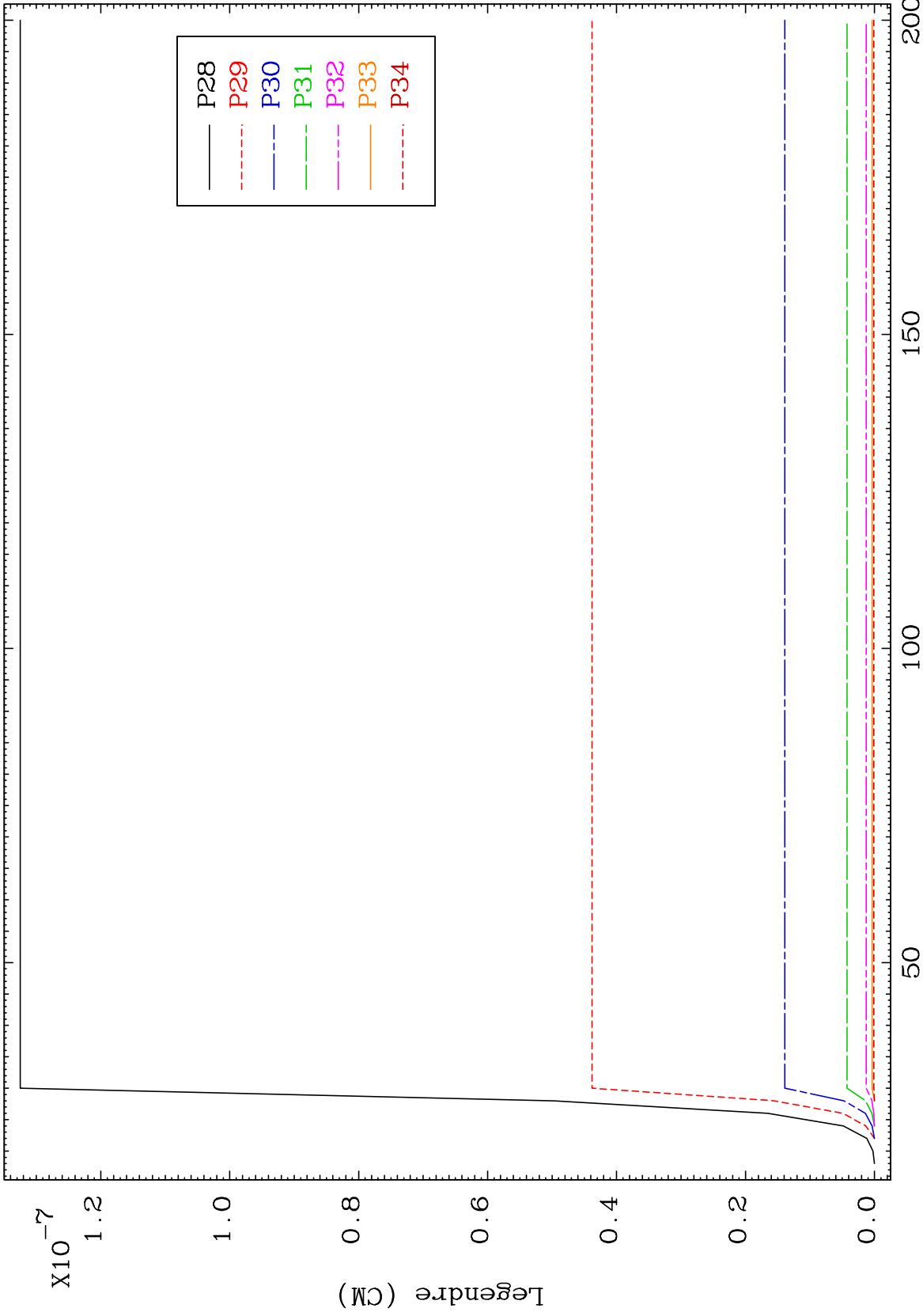
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



52

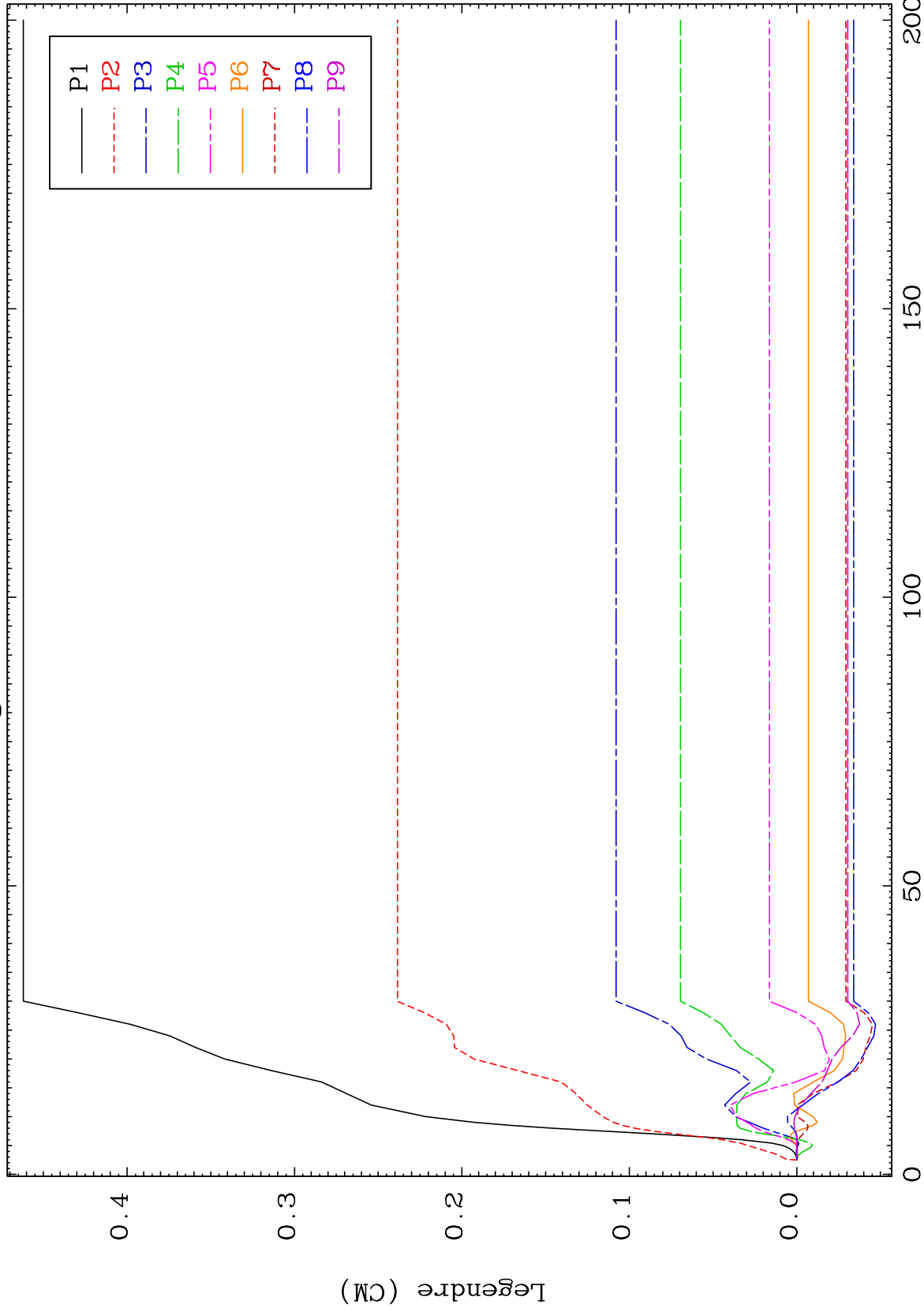
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



53

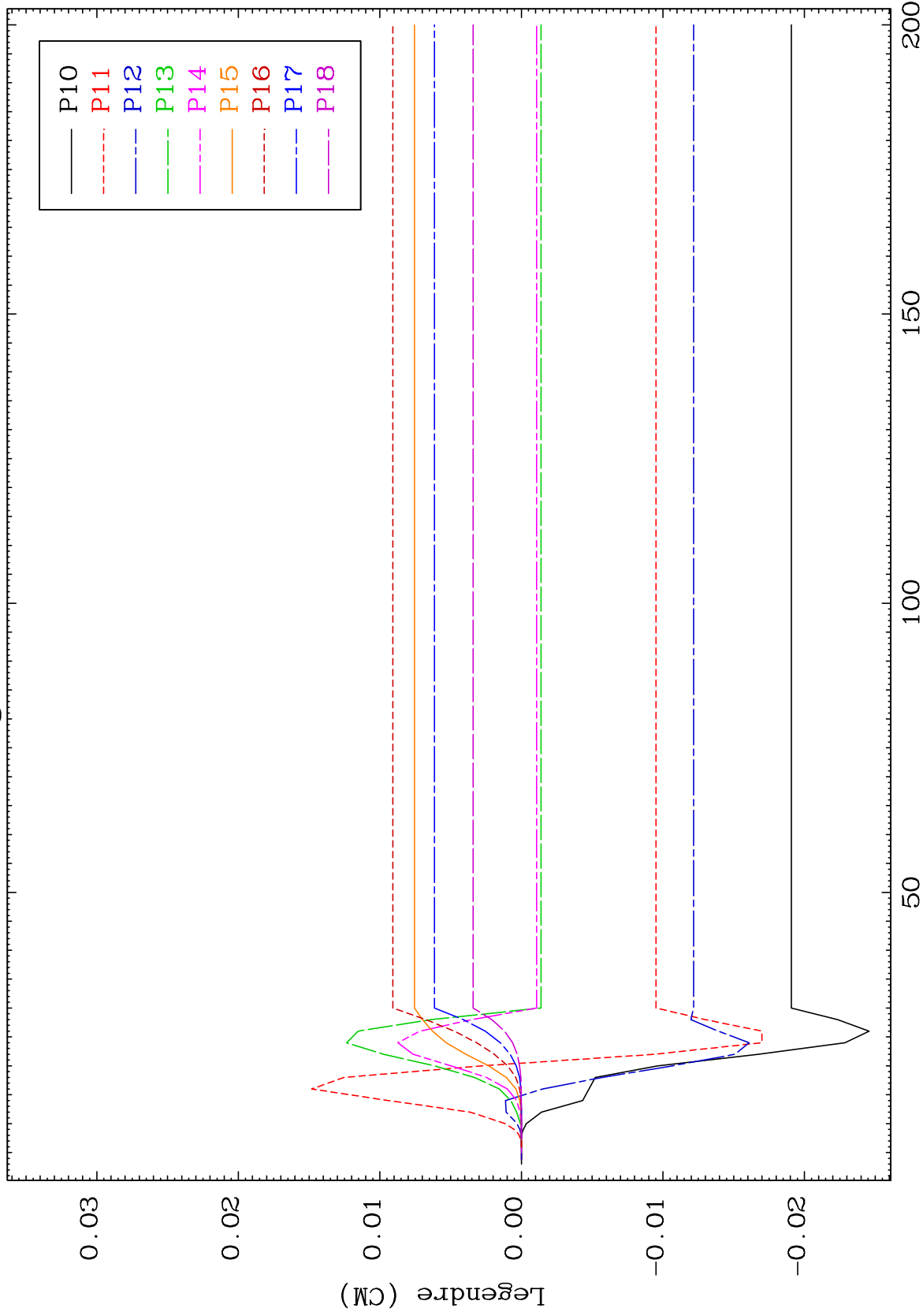
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



54

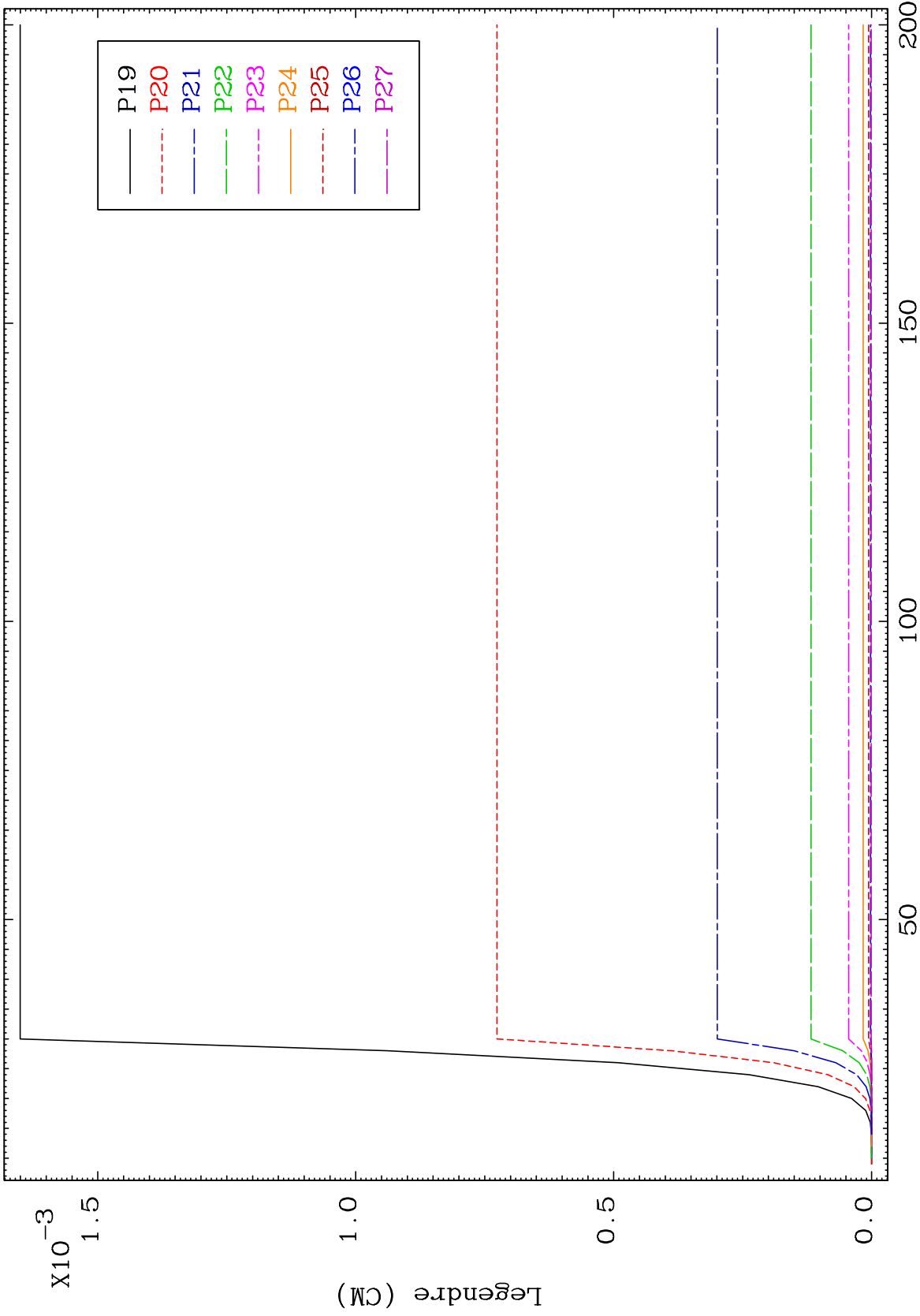
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



55

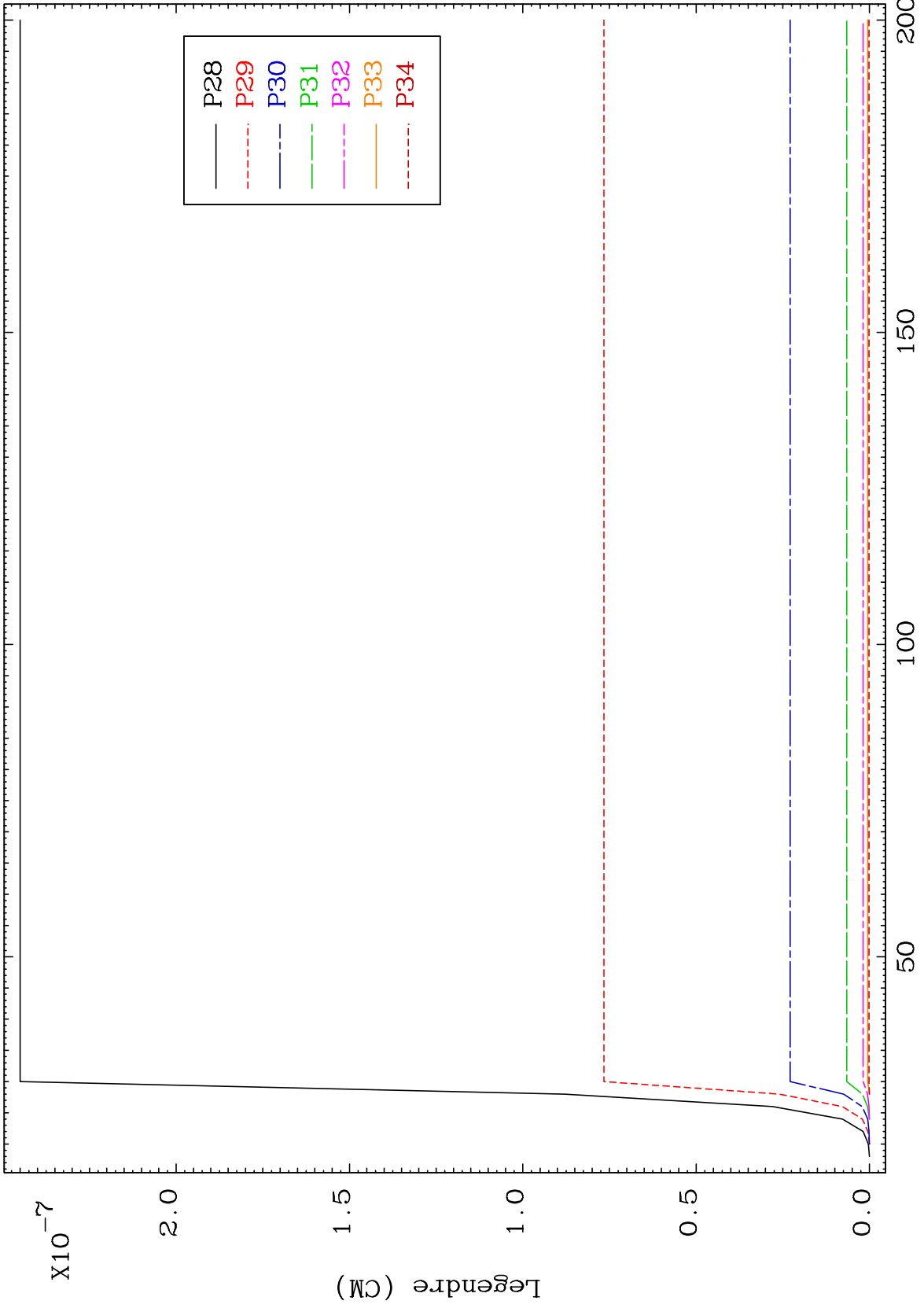
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



56

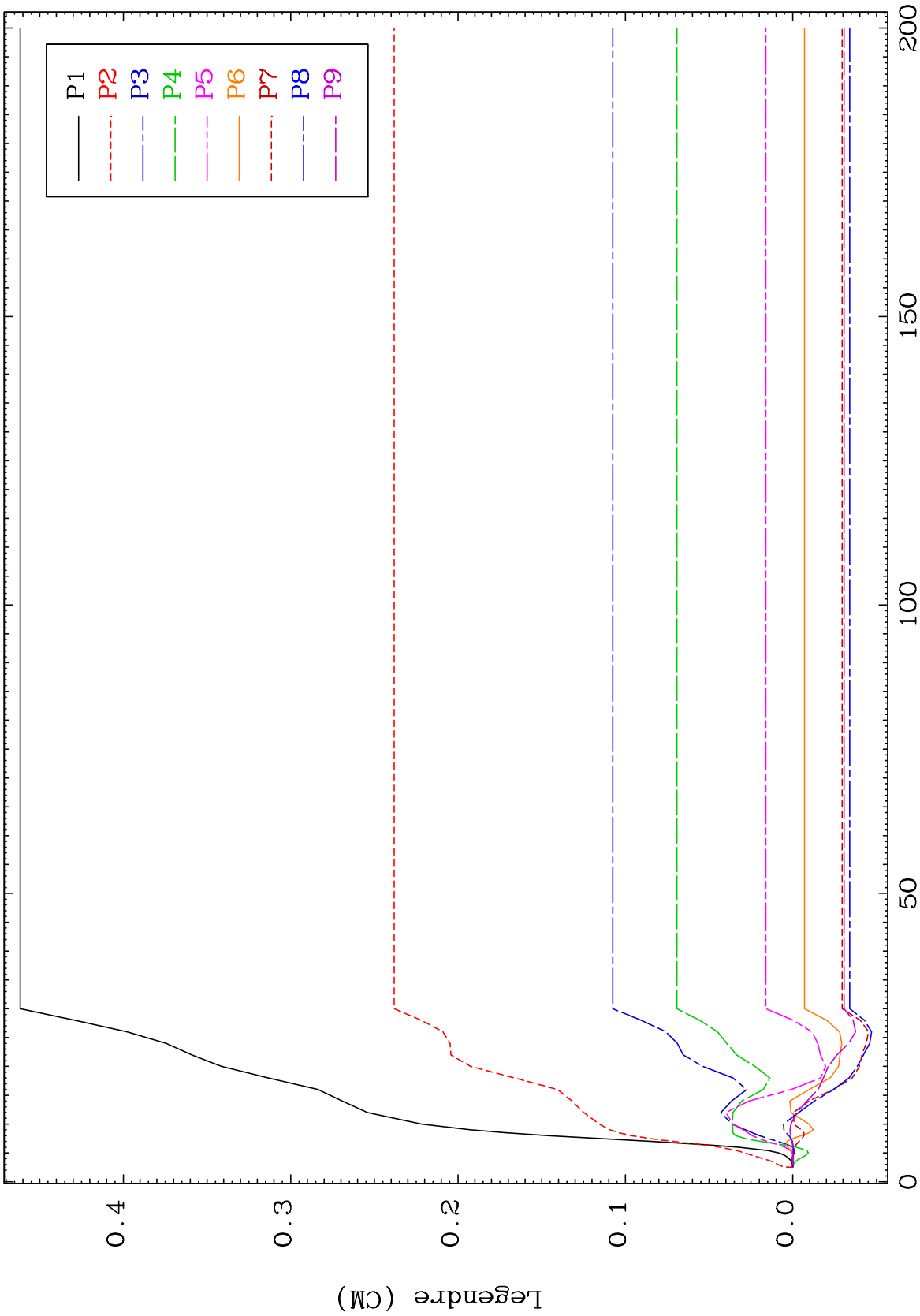
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



57

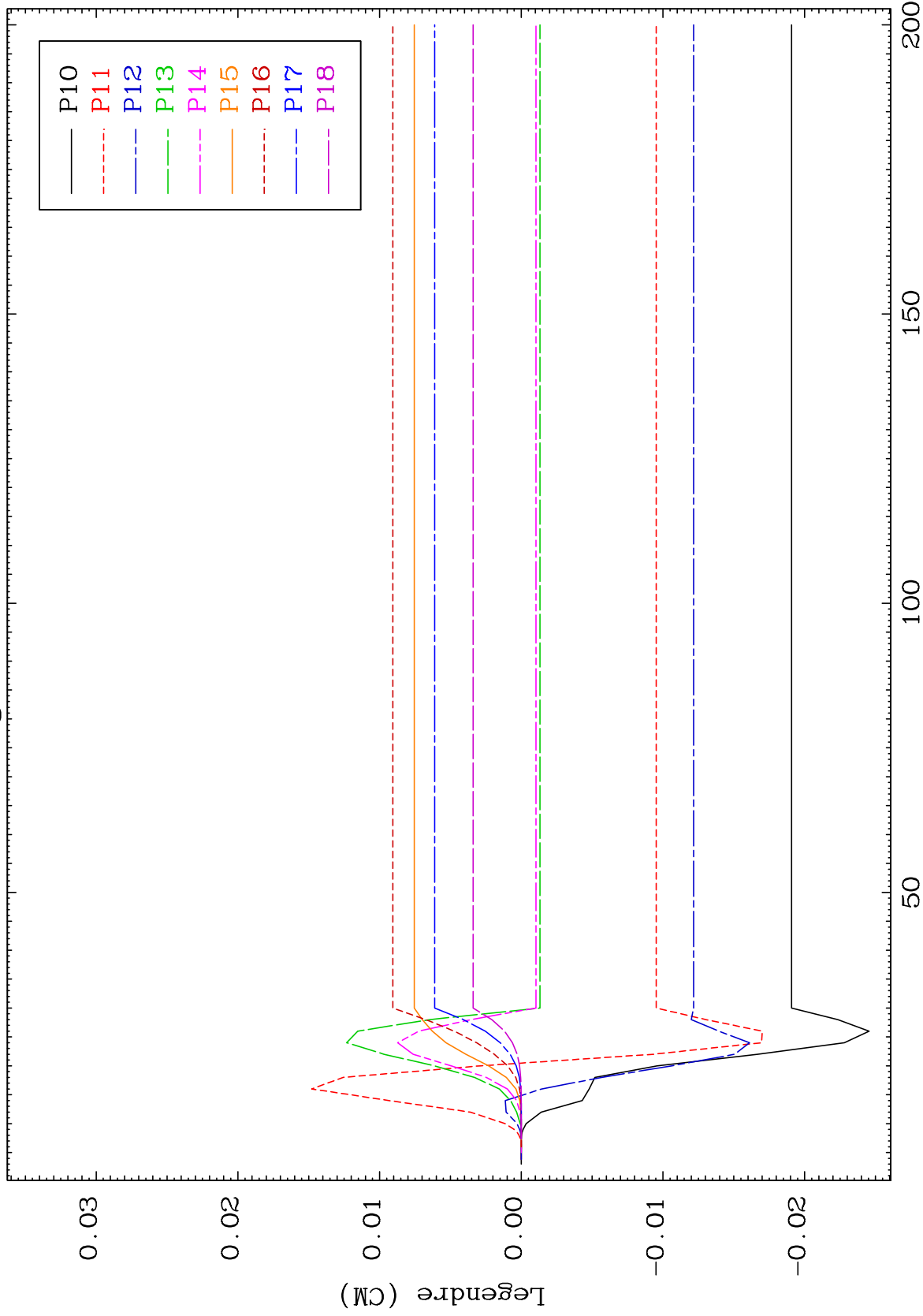
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



58

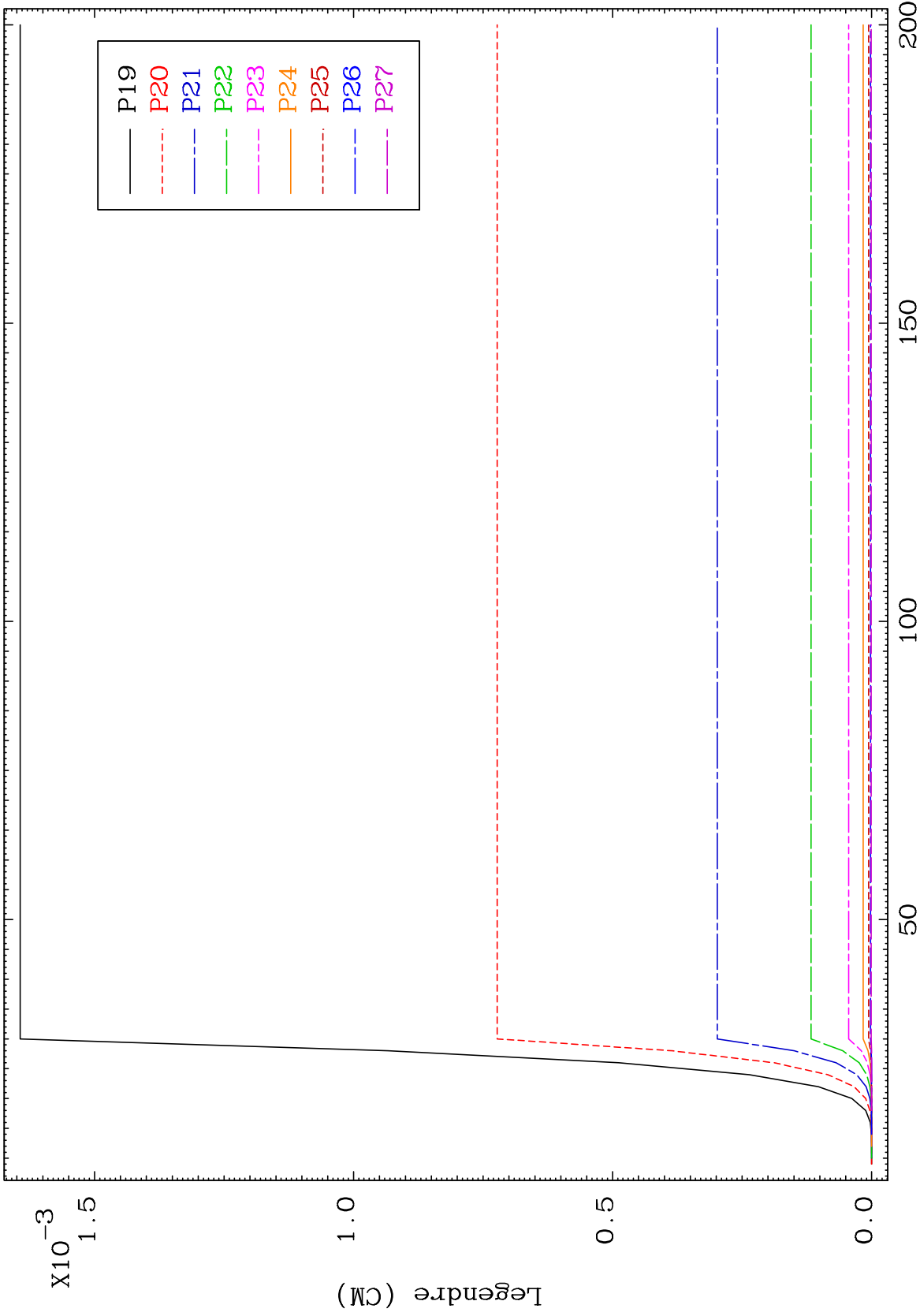
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



59

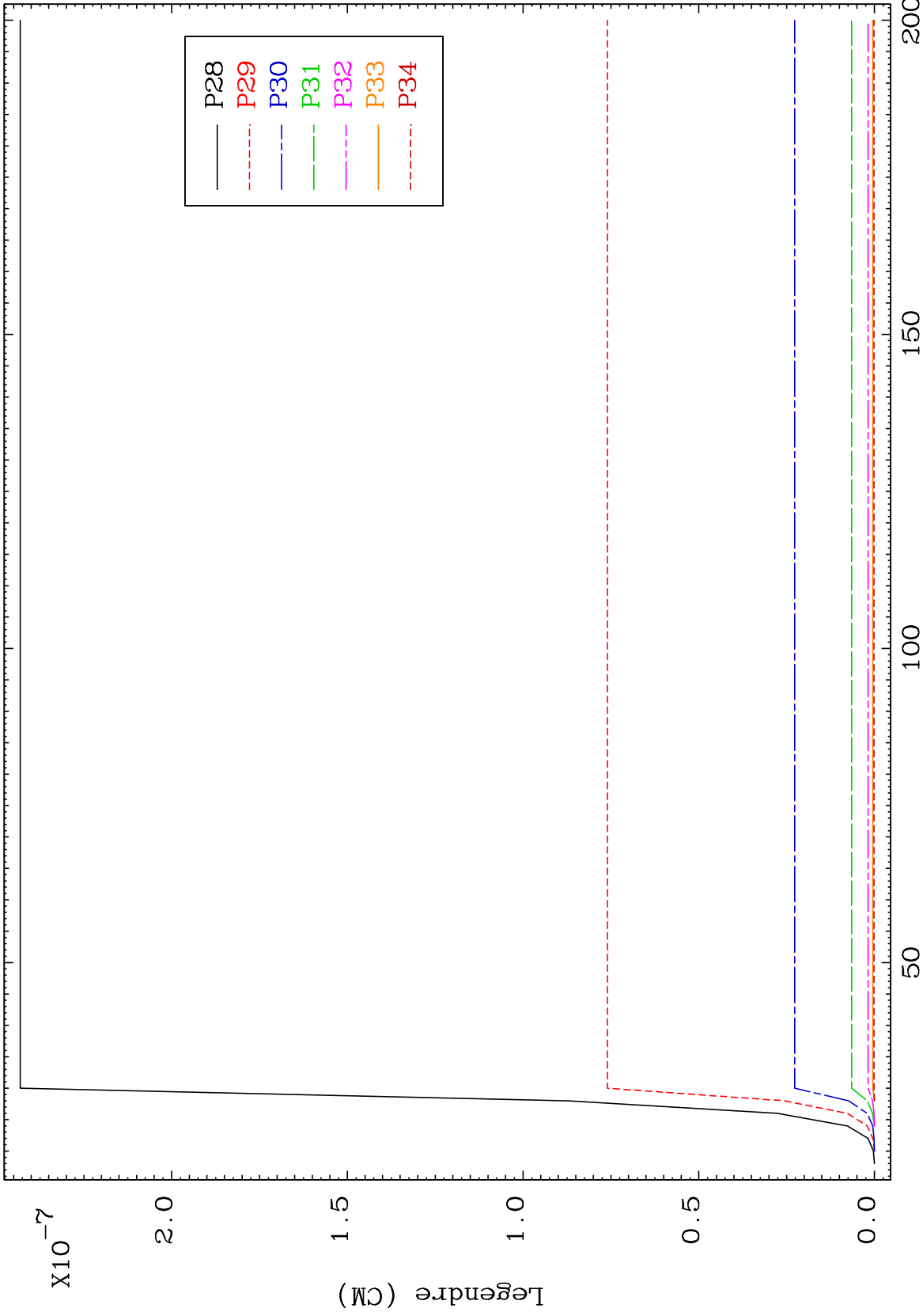
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



60

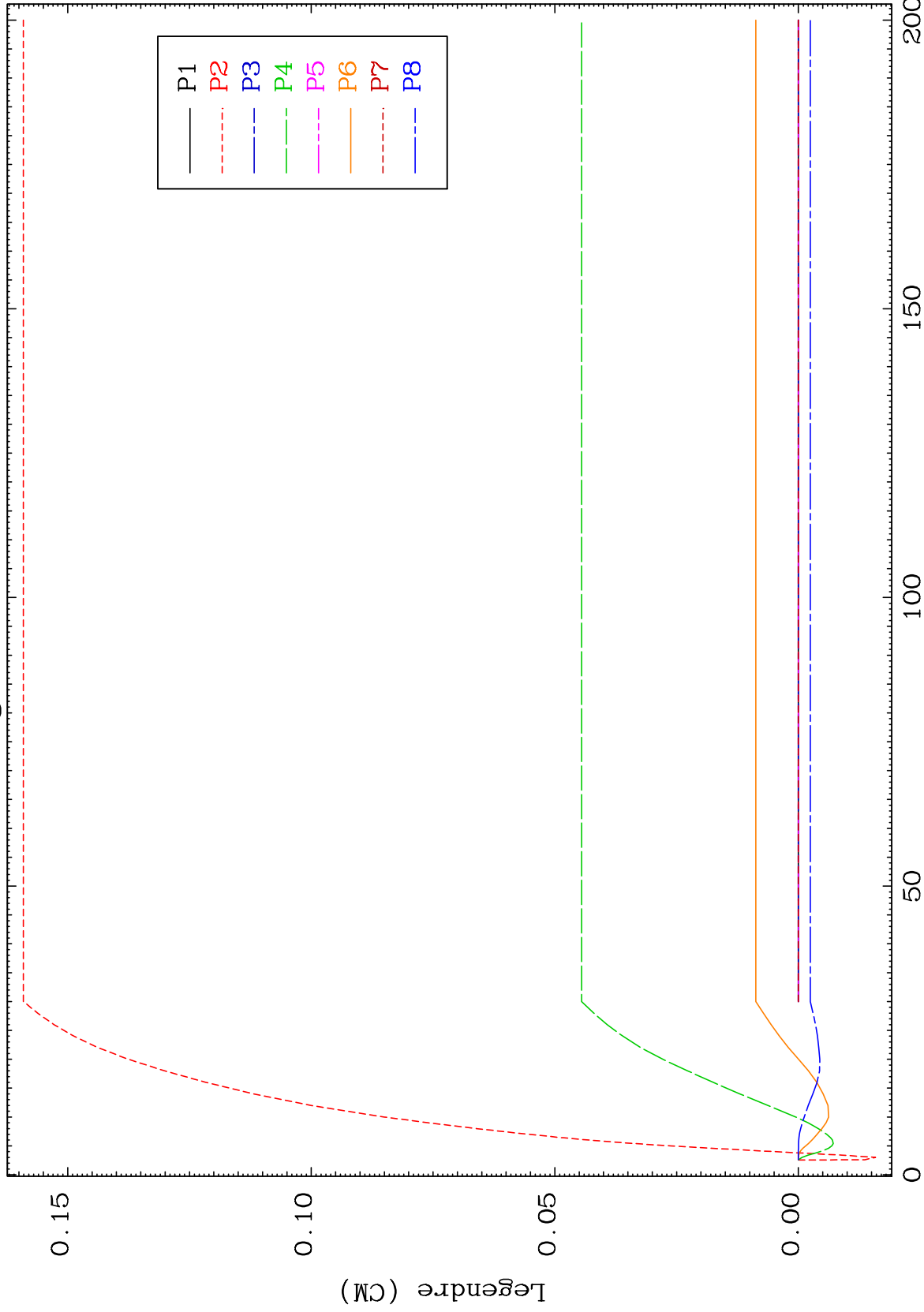
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



61

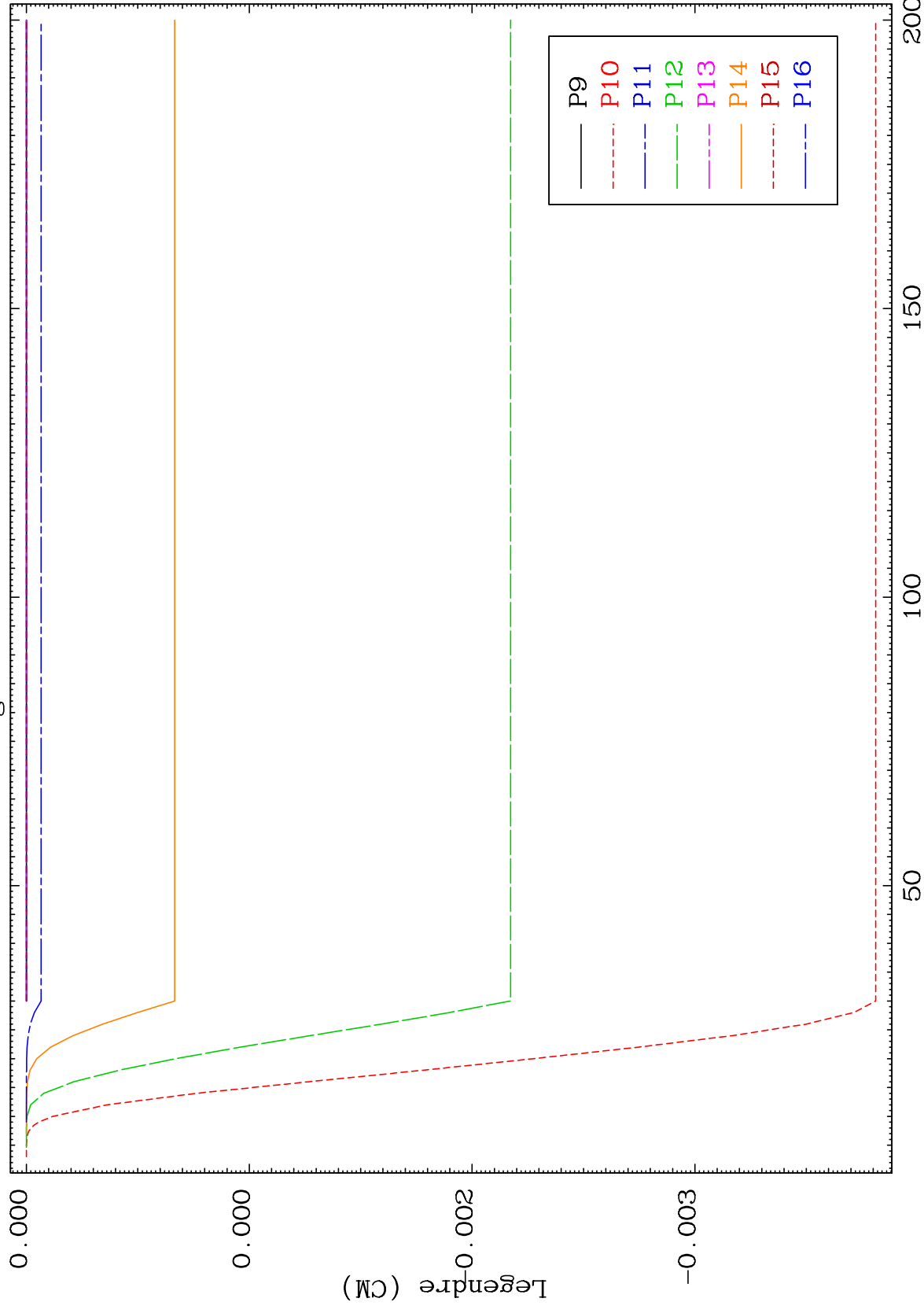
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



62

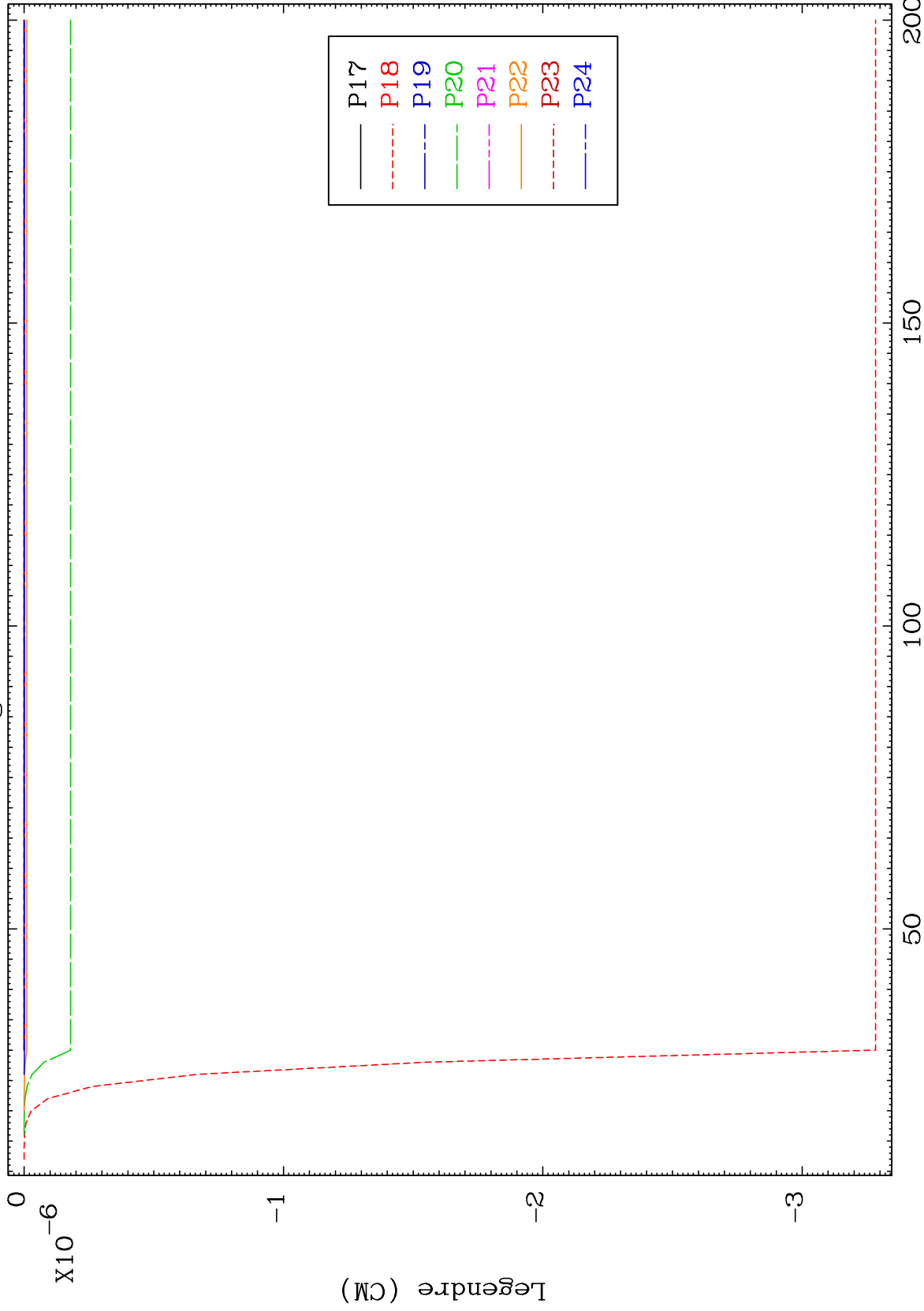
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



63

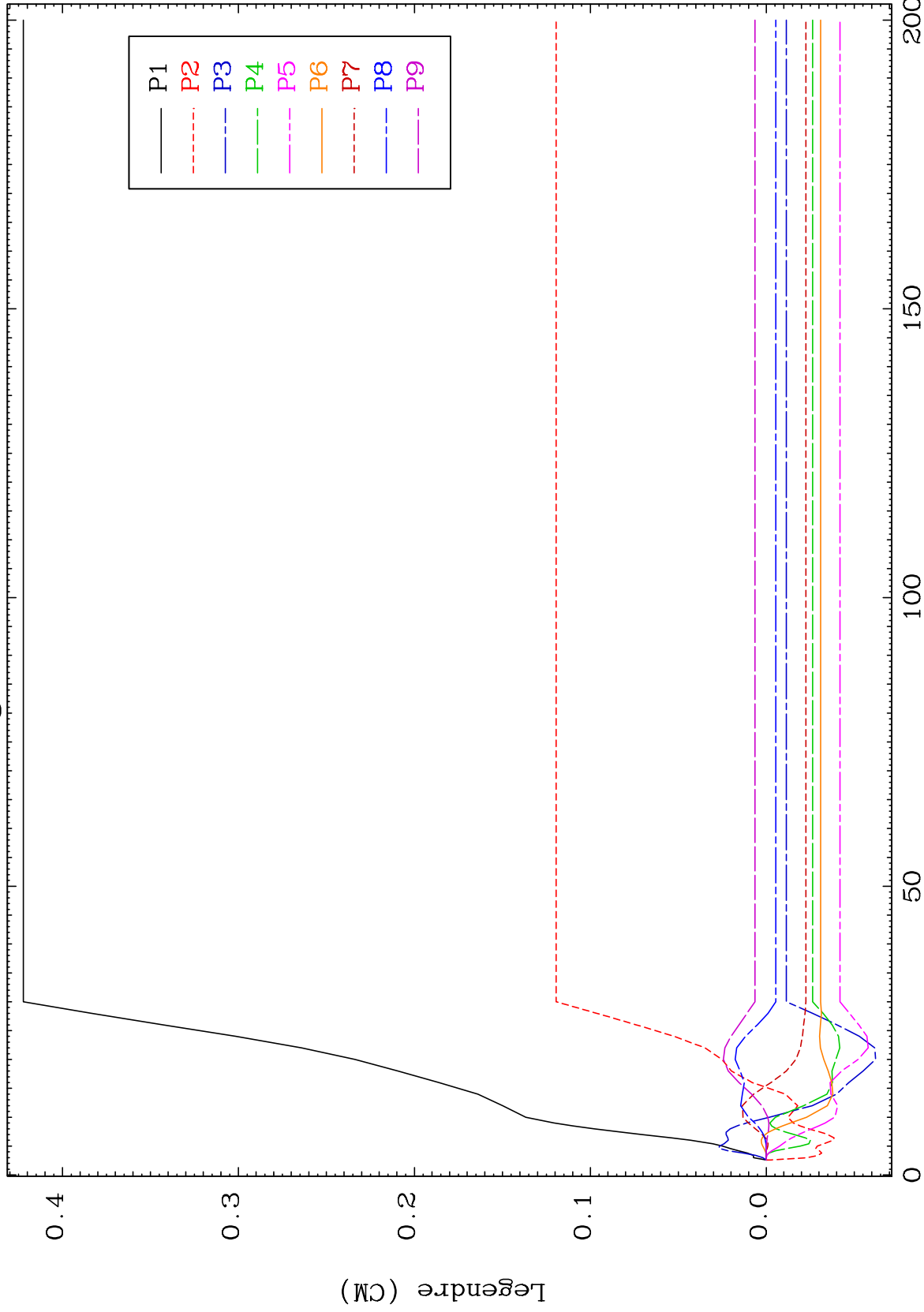
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



64

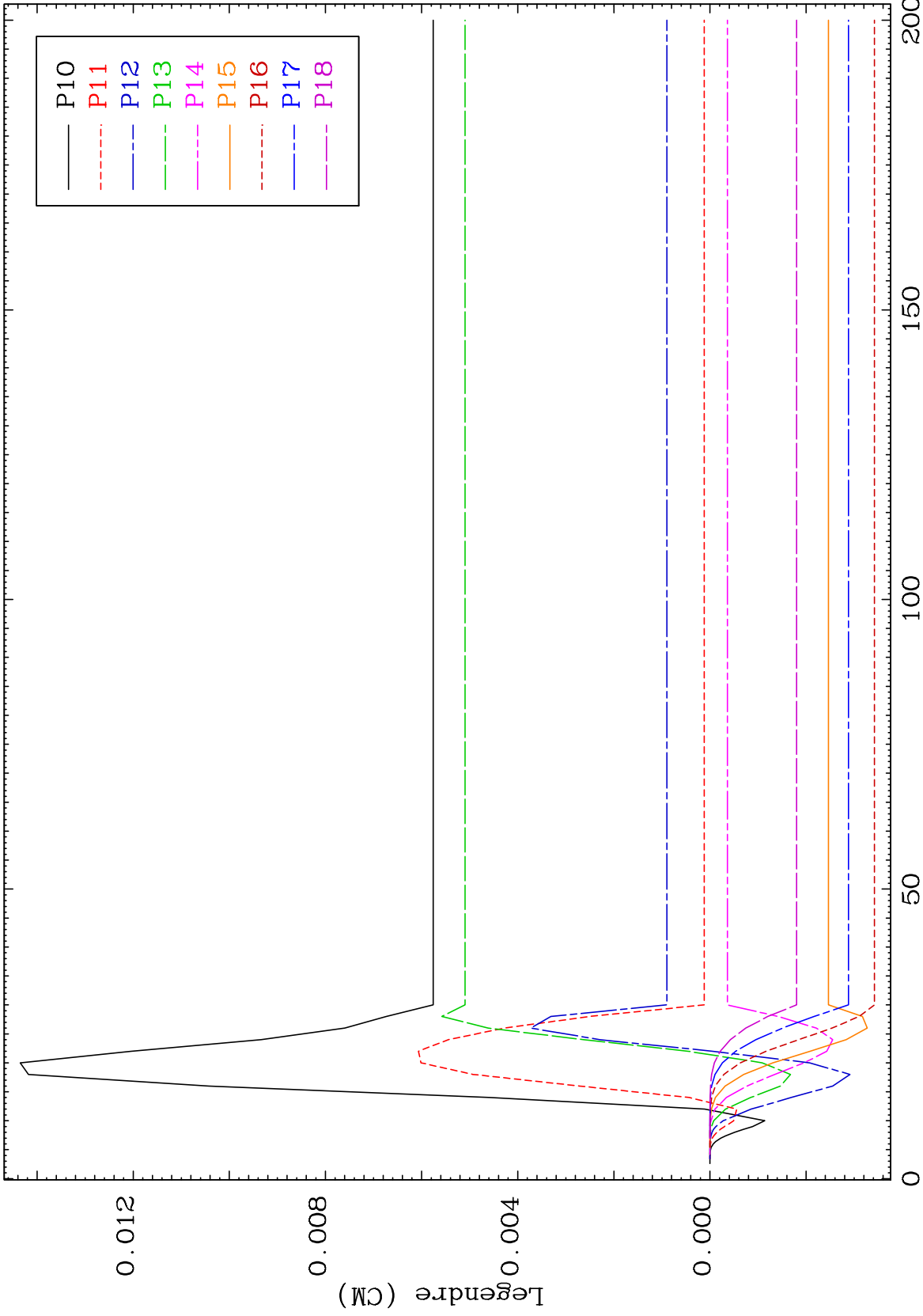
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



65

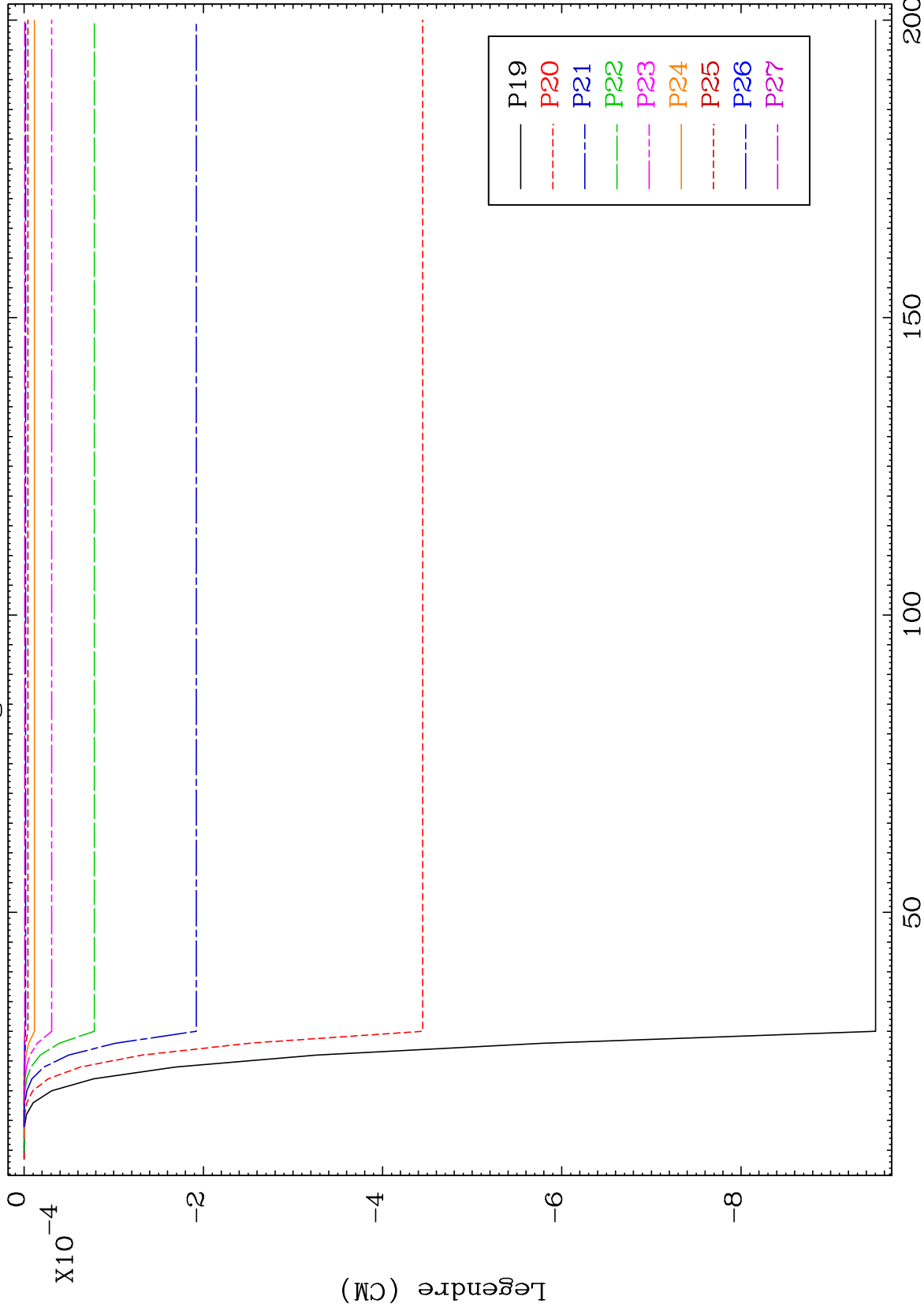
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



66

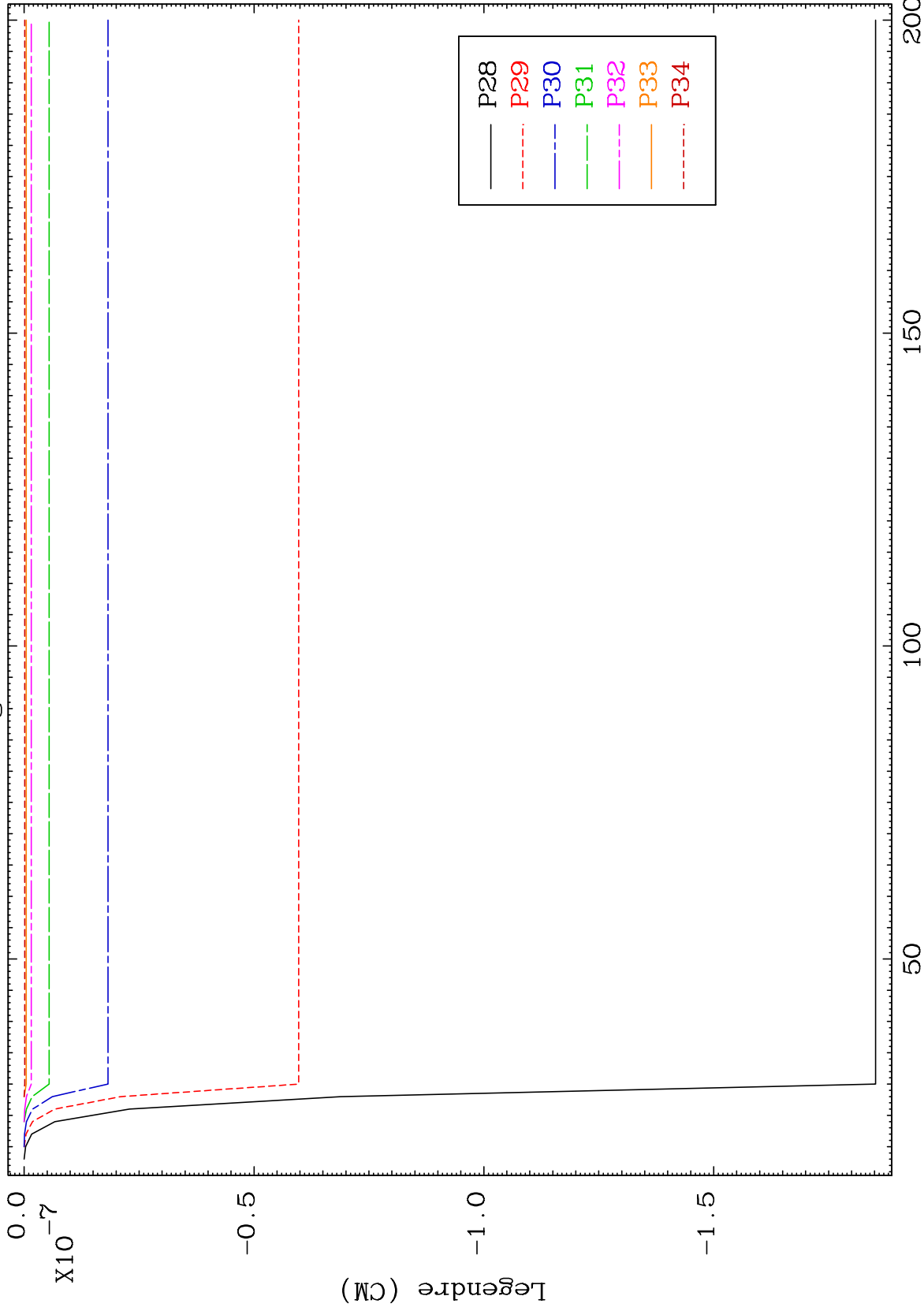
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



67

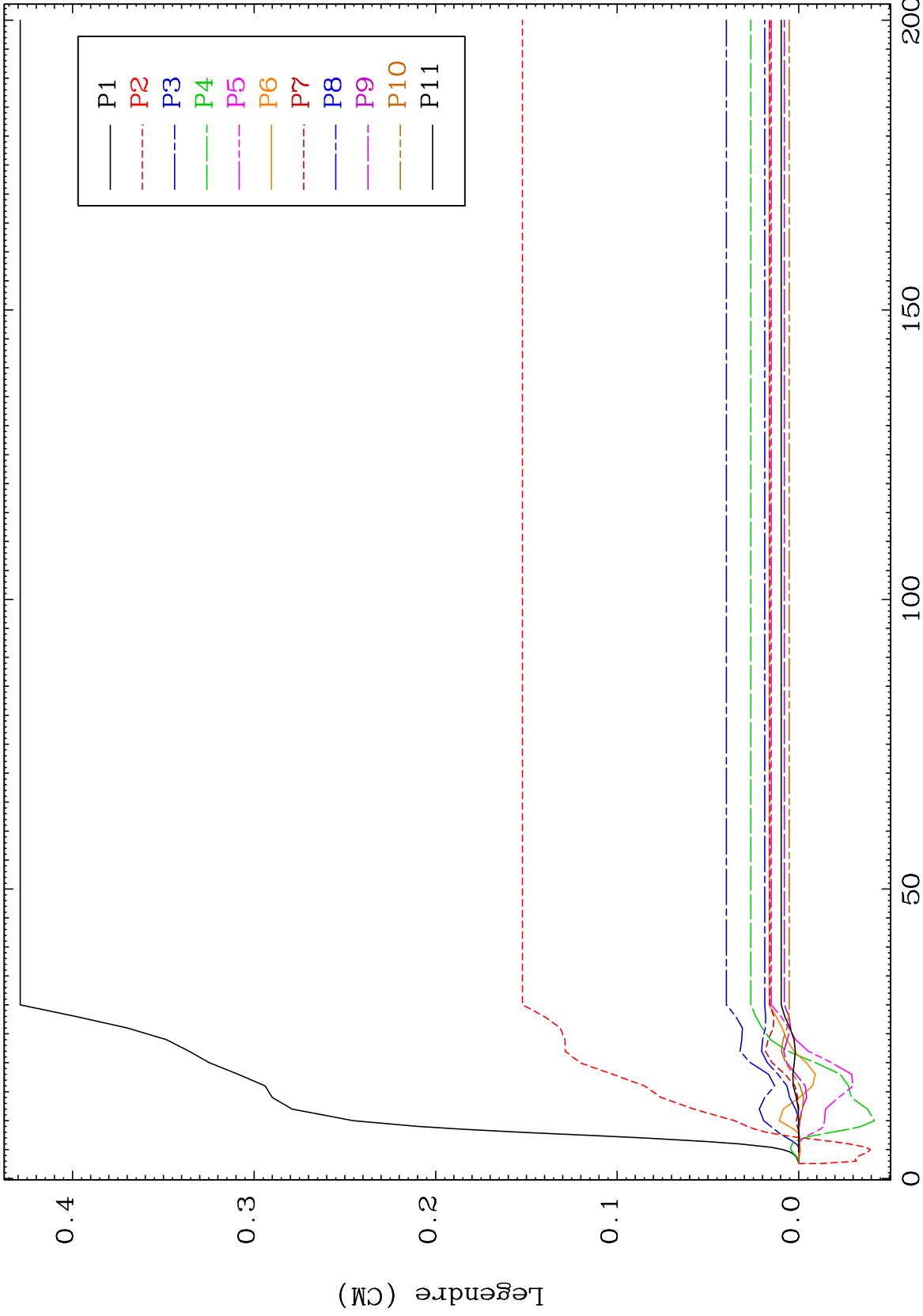
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

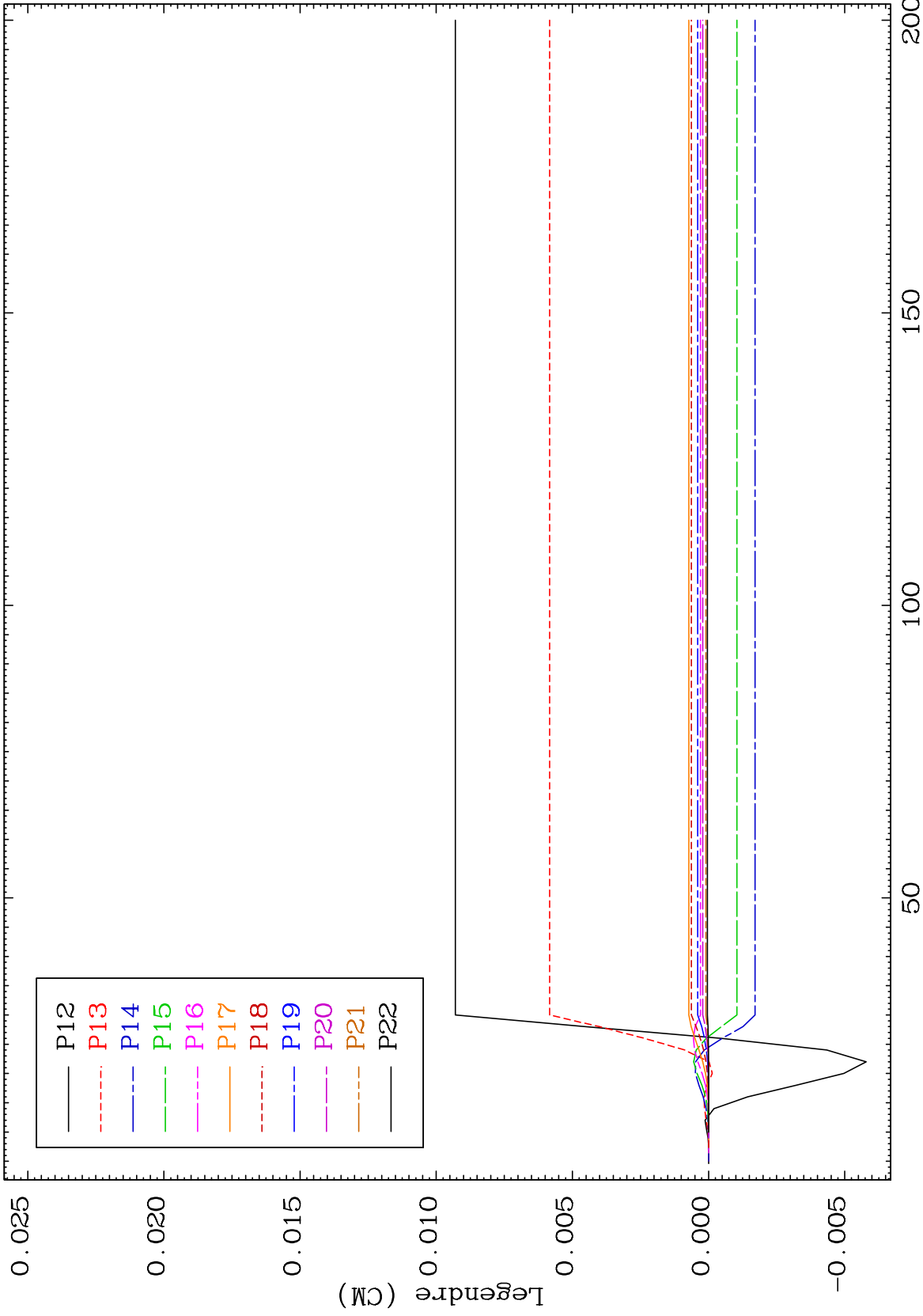
36-Kr-82



68

Incident Energy (MeV)

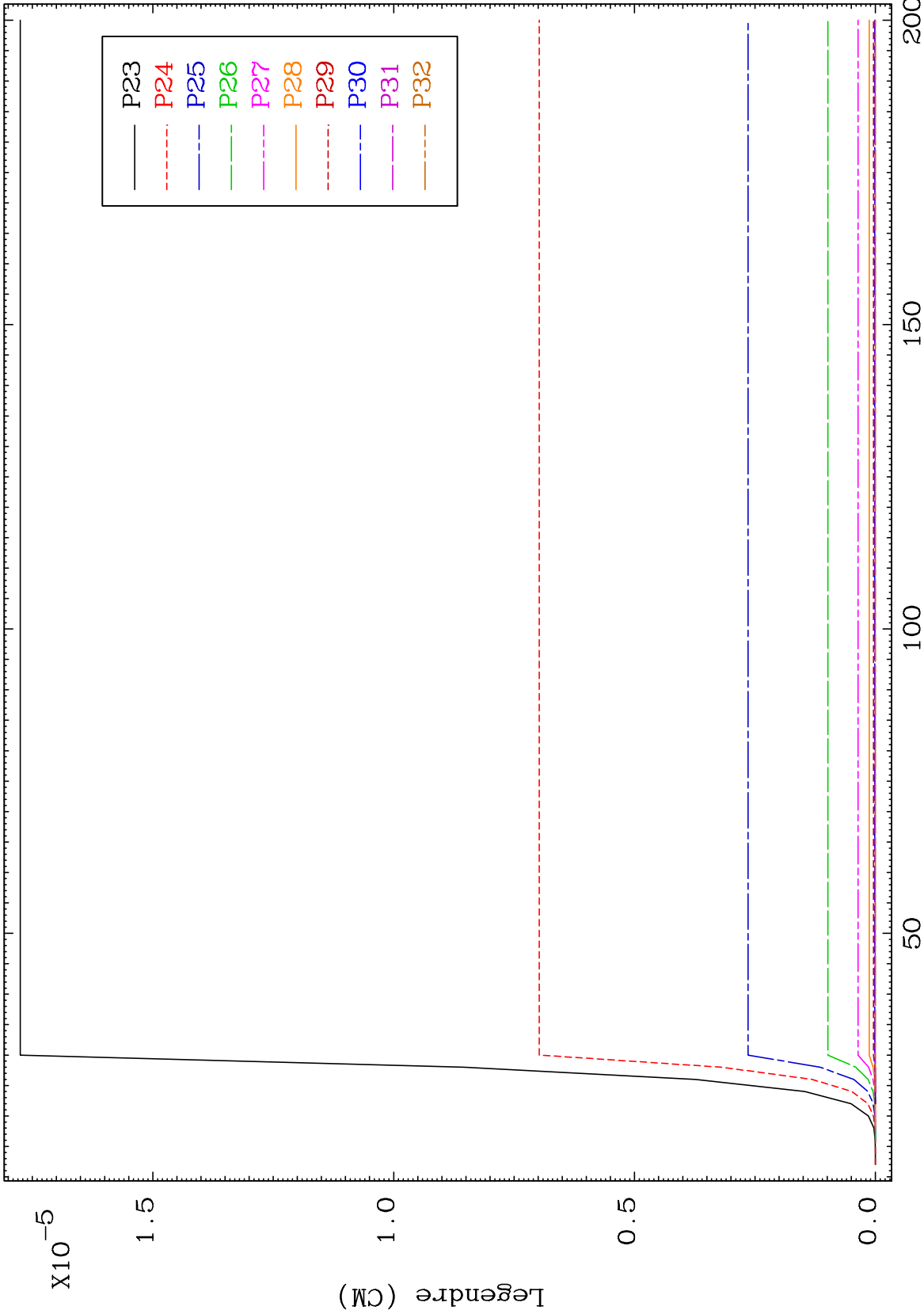
36-Kr-82



MAT 3637

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

36-Kr-82



70

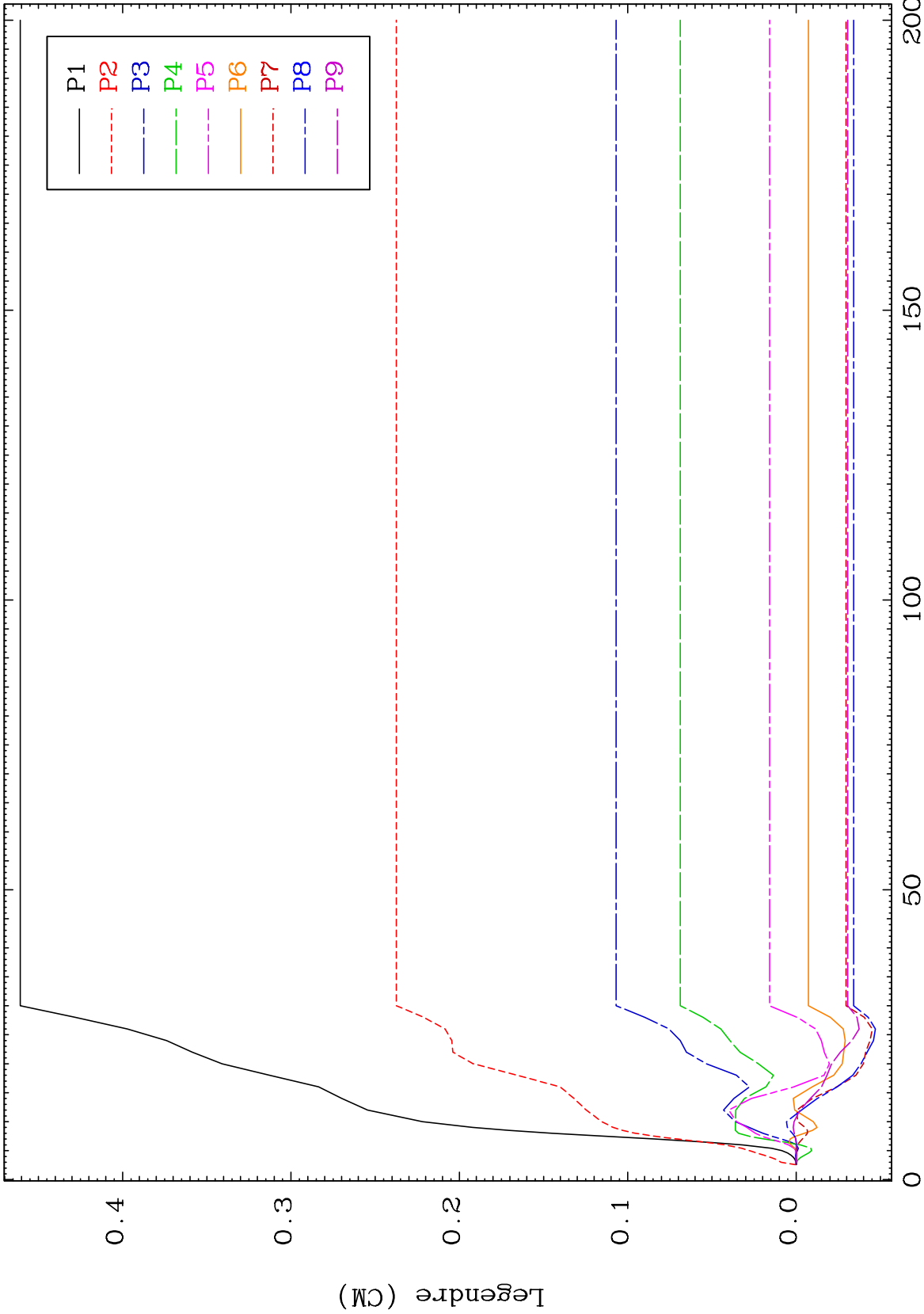
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



71

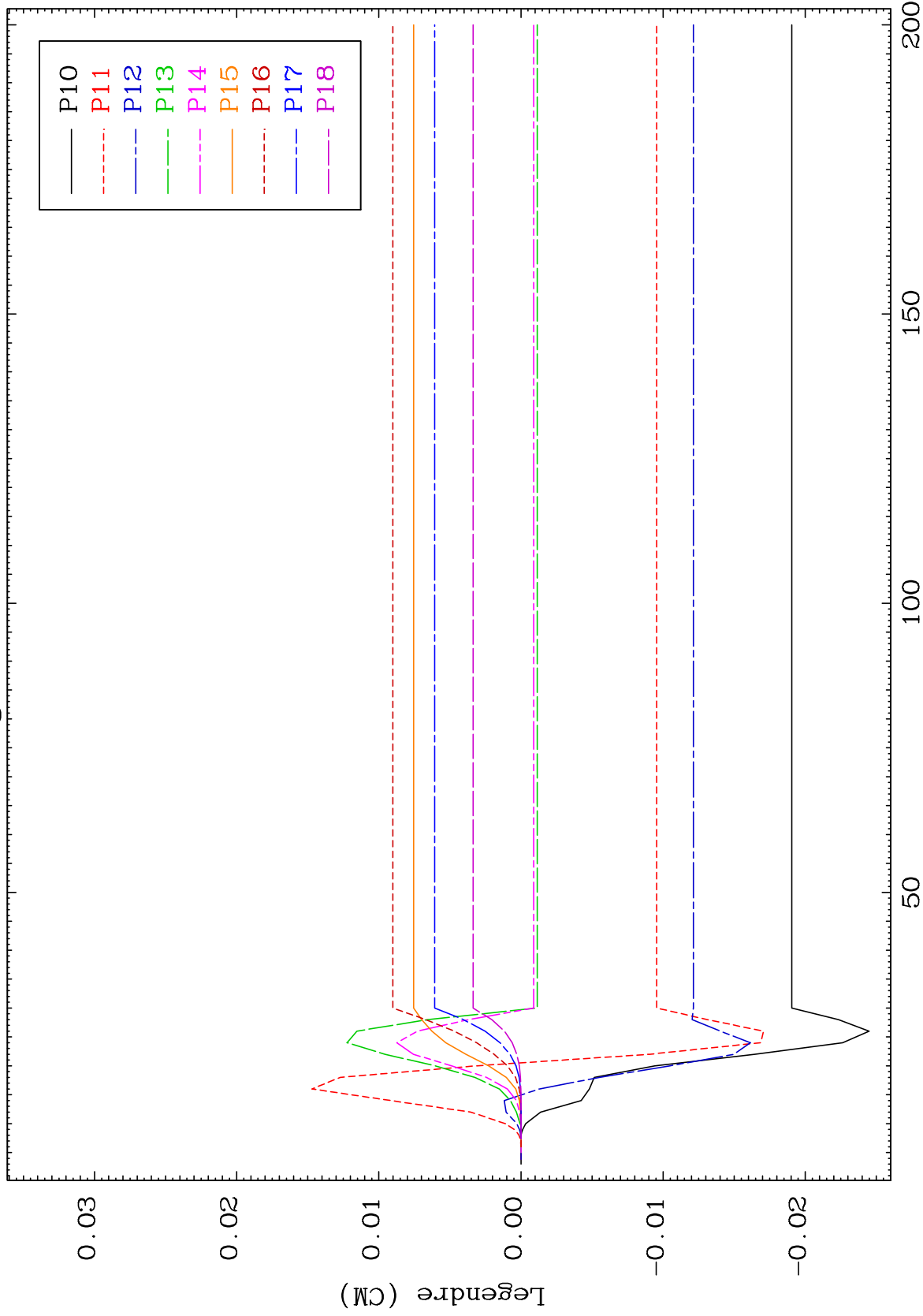
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



72

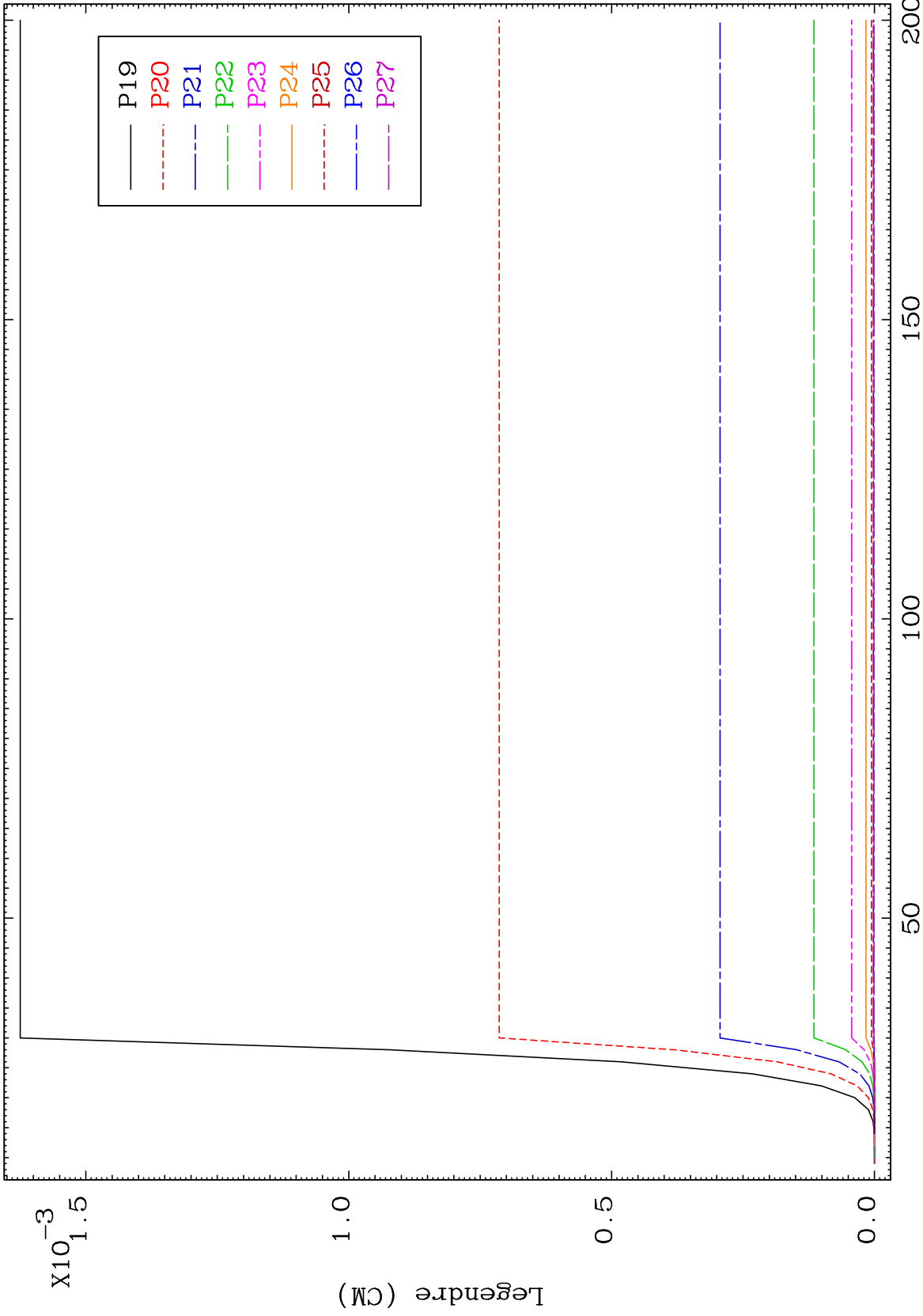
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



73

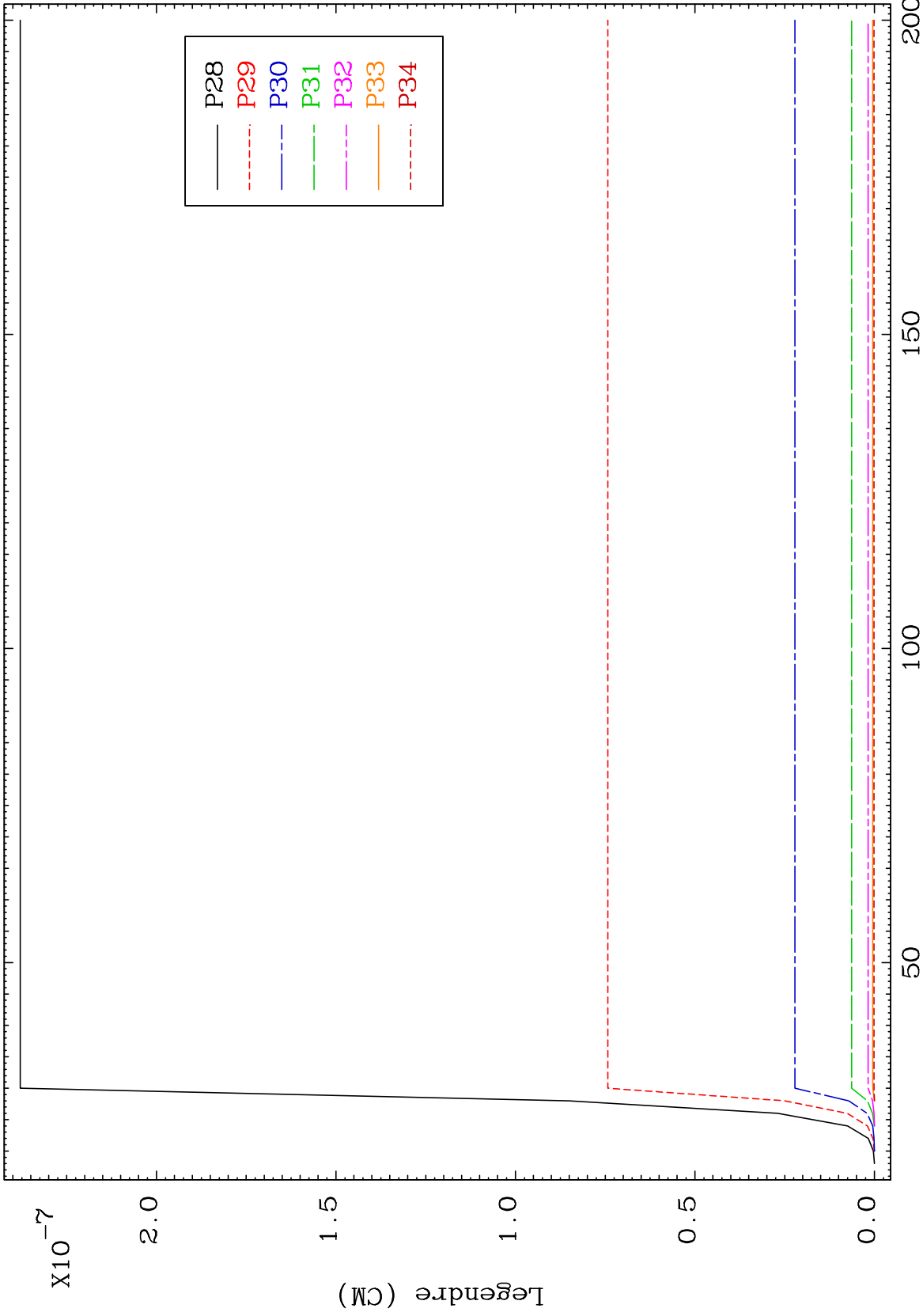
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



74

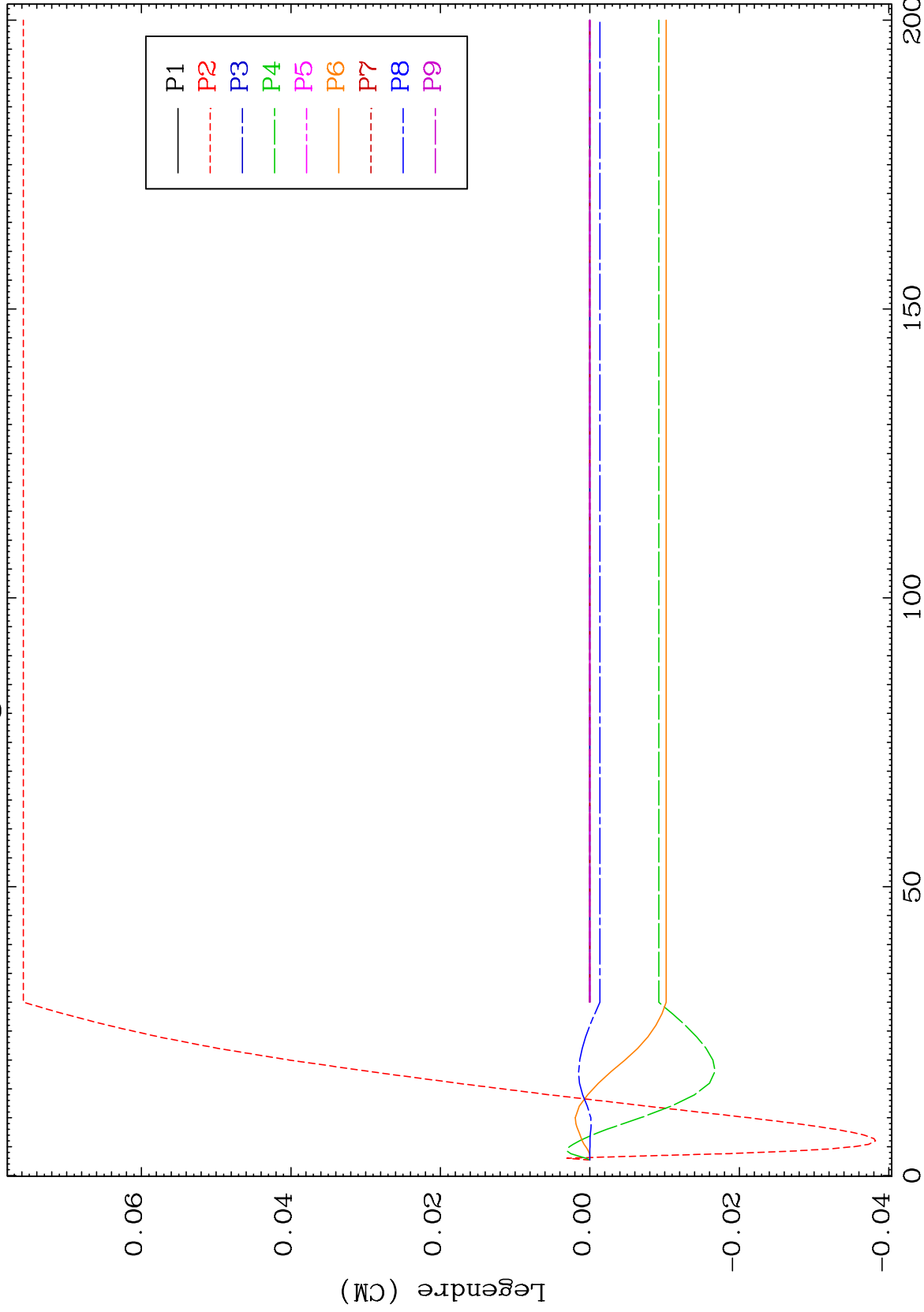
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



75

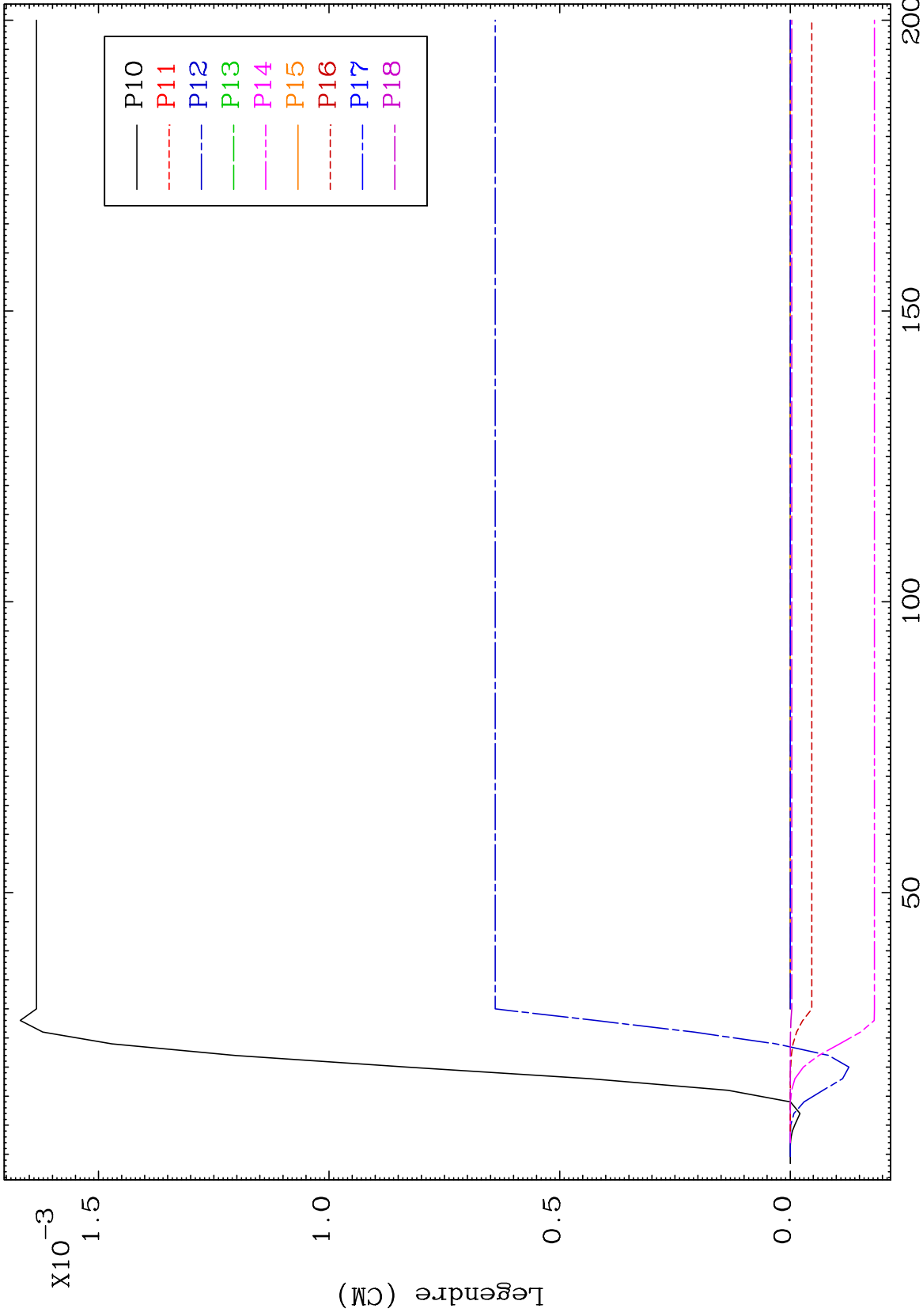
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



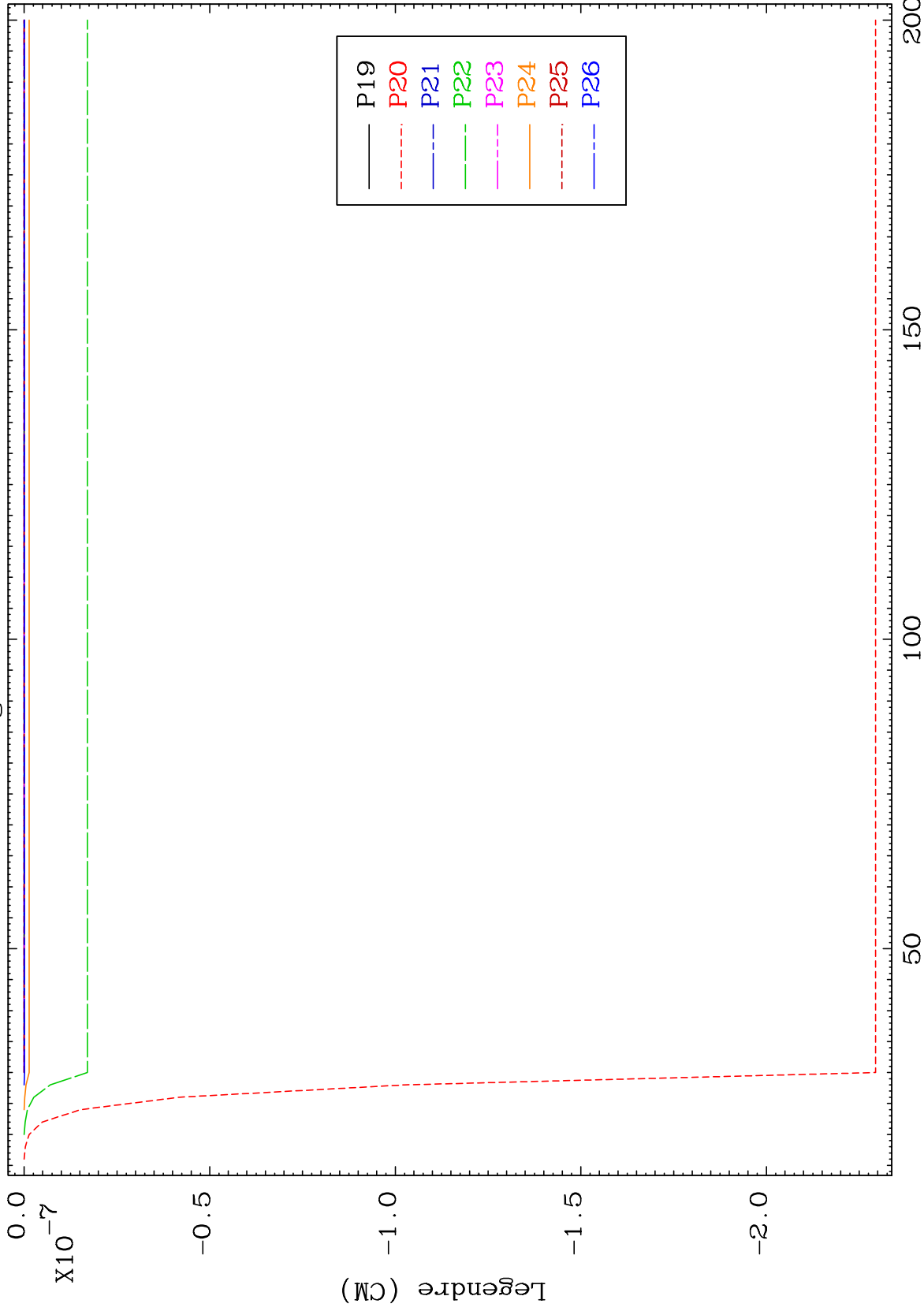
76

36-Kr-82

MAT 3637

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

36-Kr-82



77

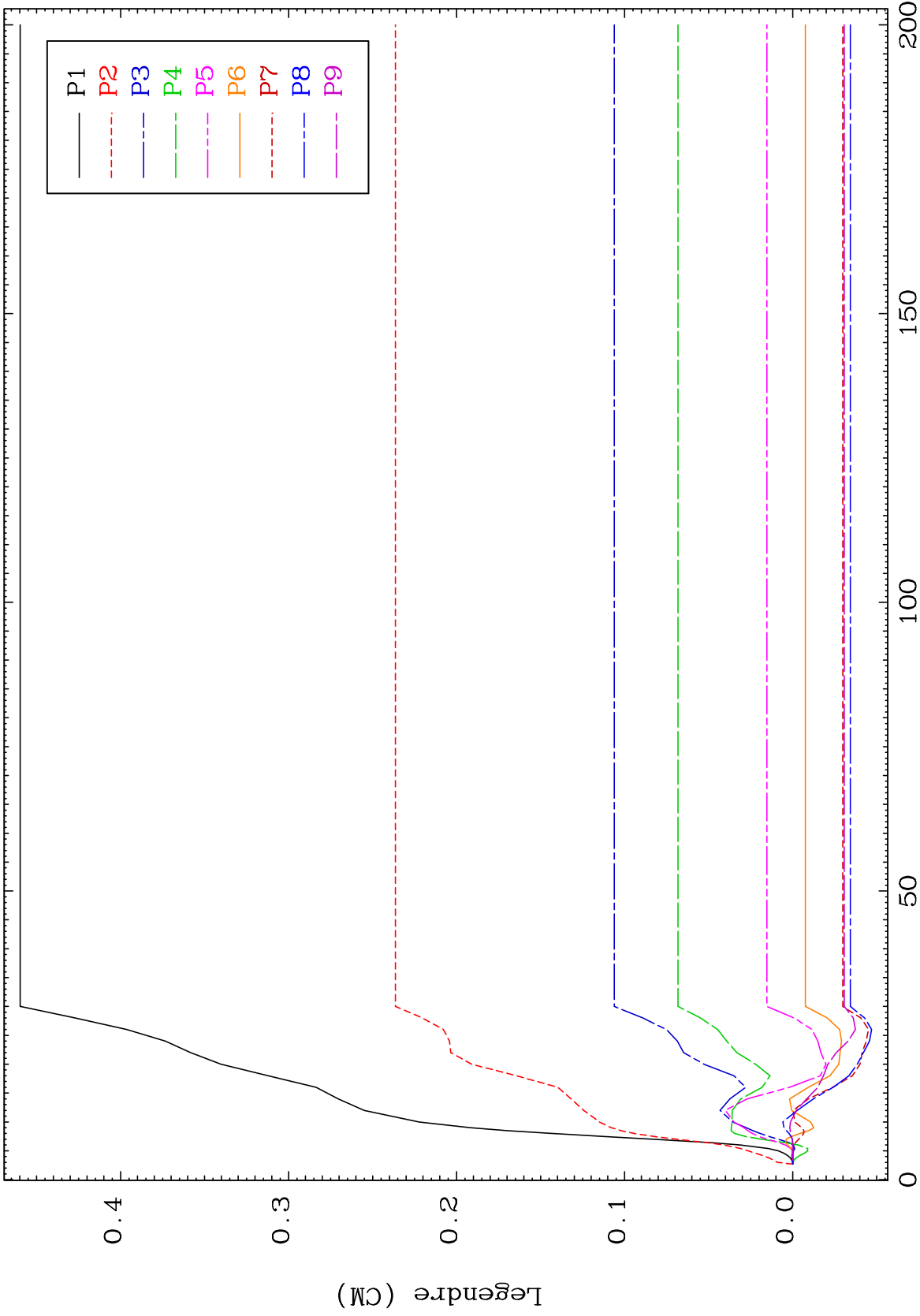
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



78

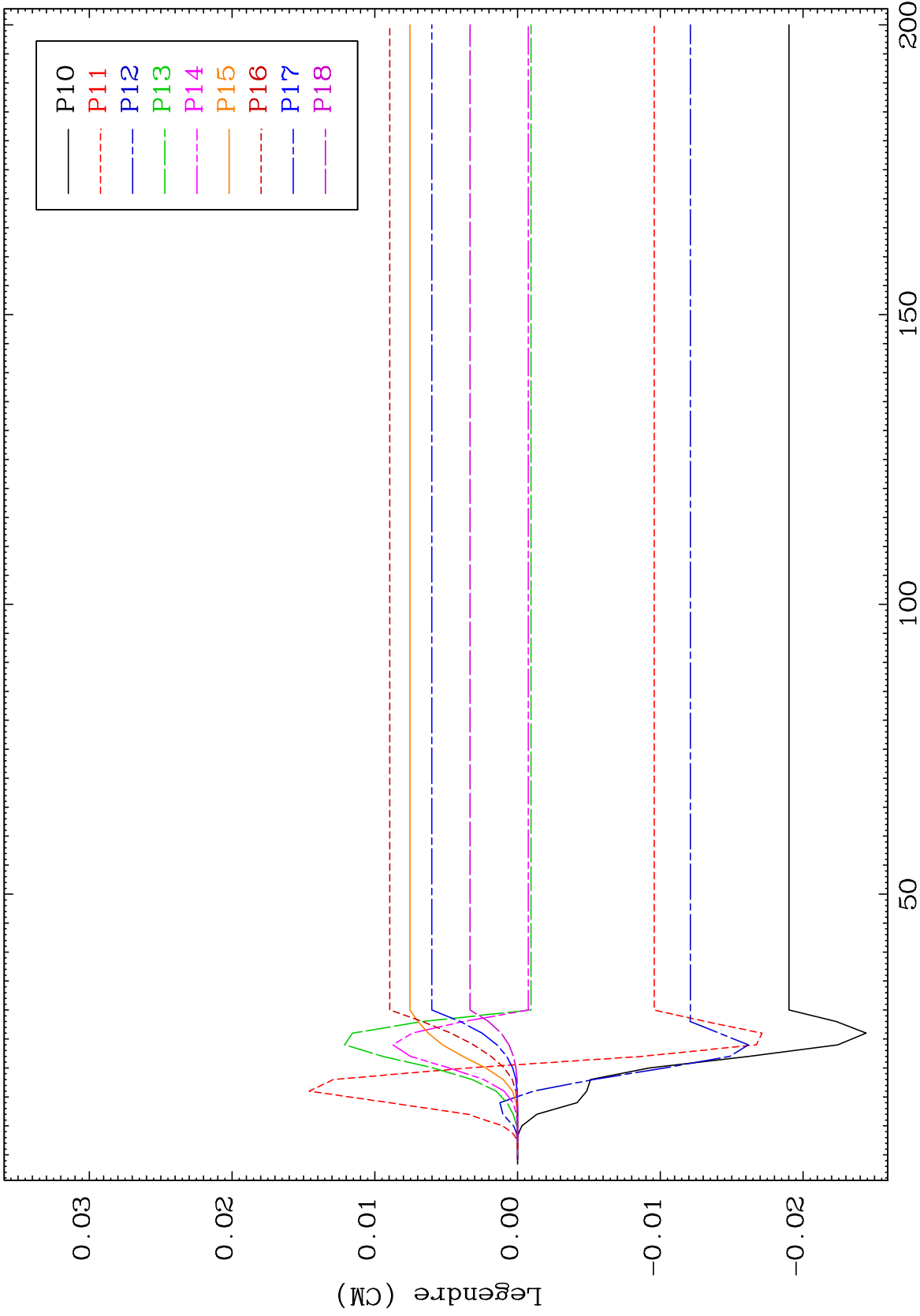
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



79

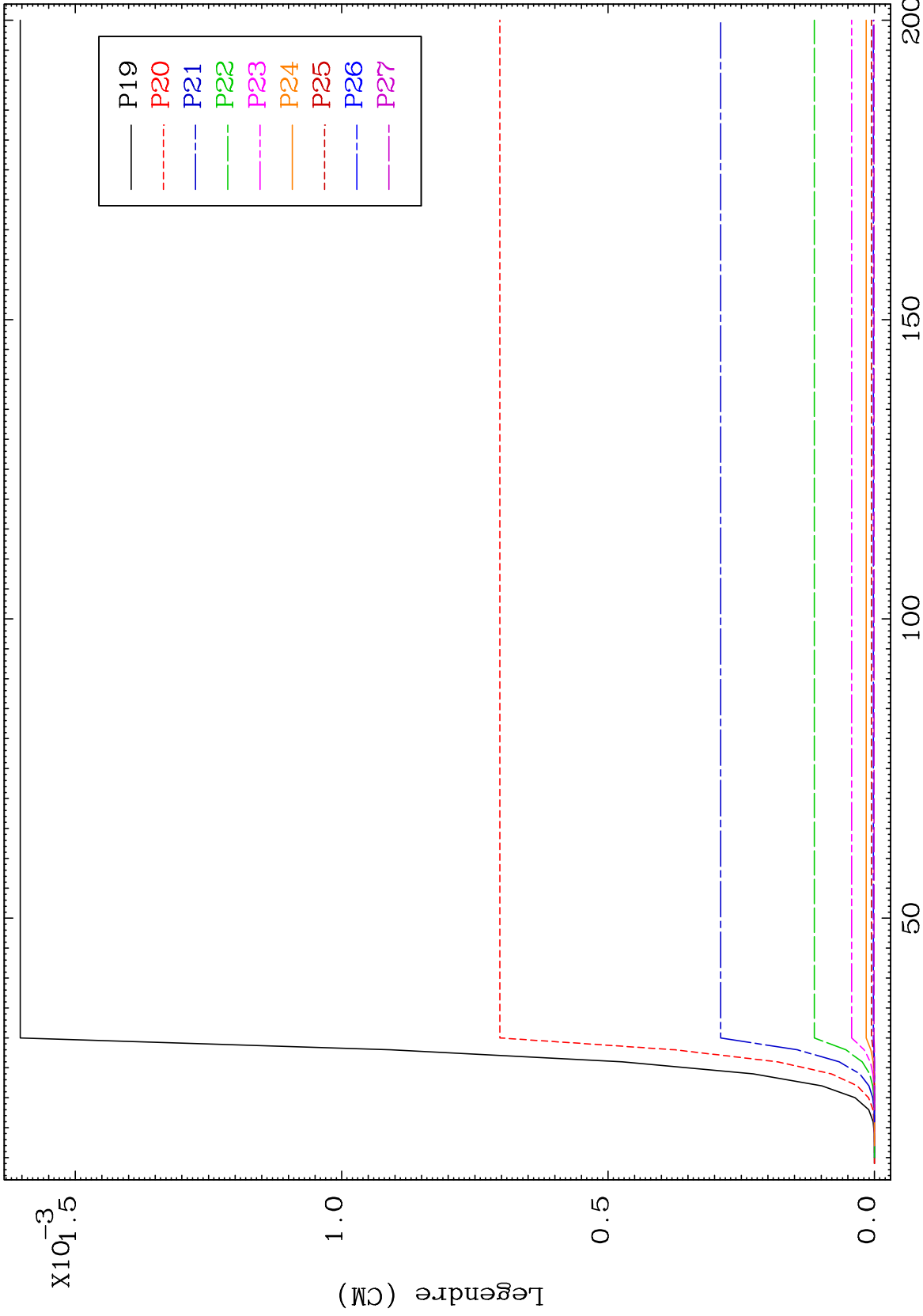
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



80

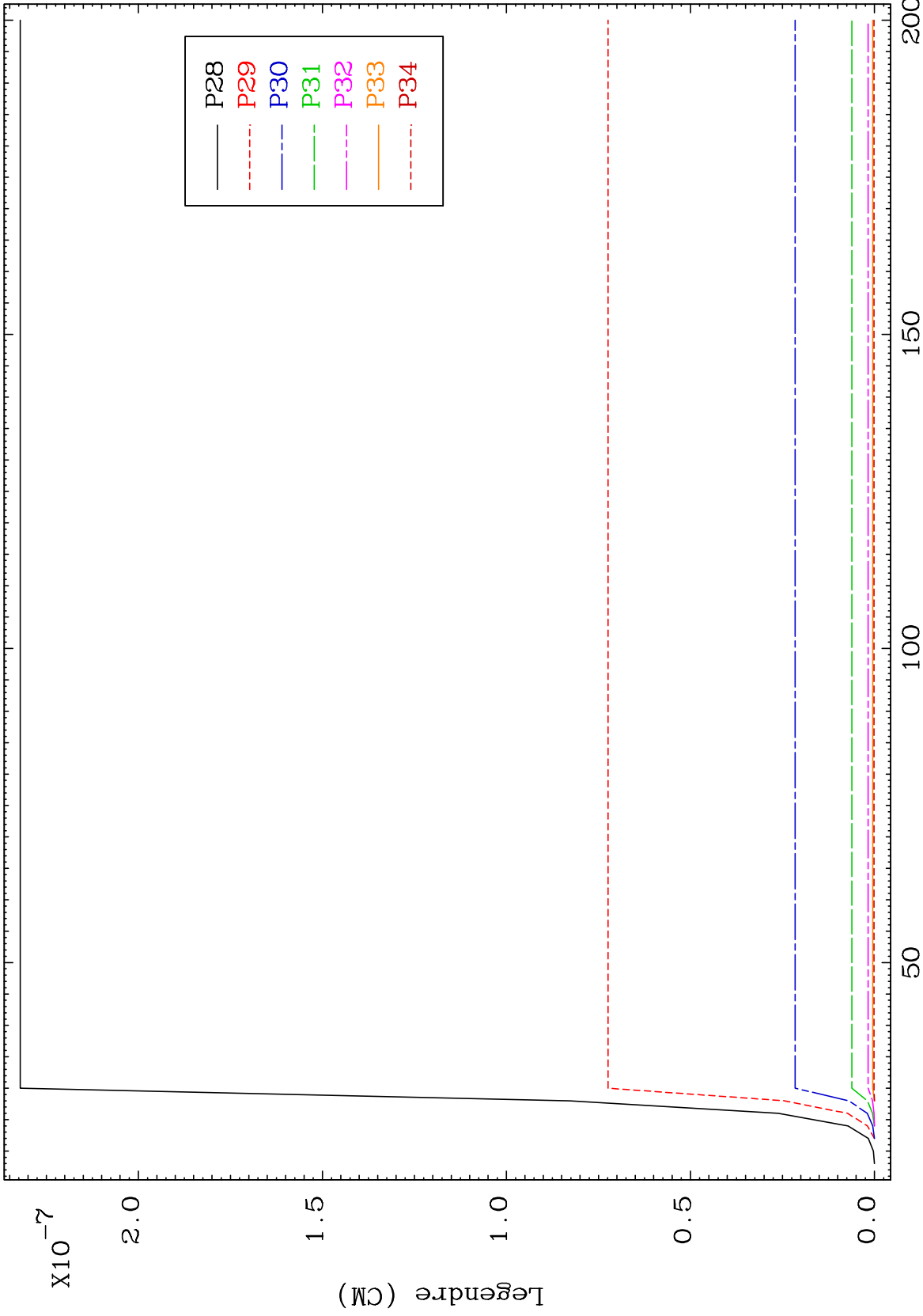
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



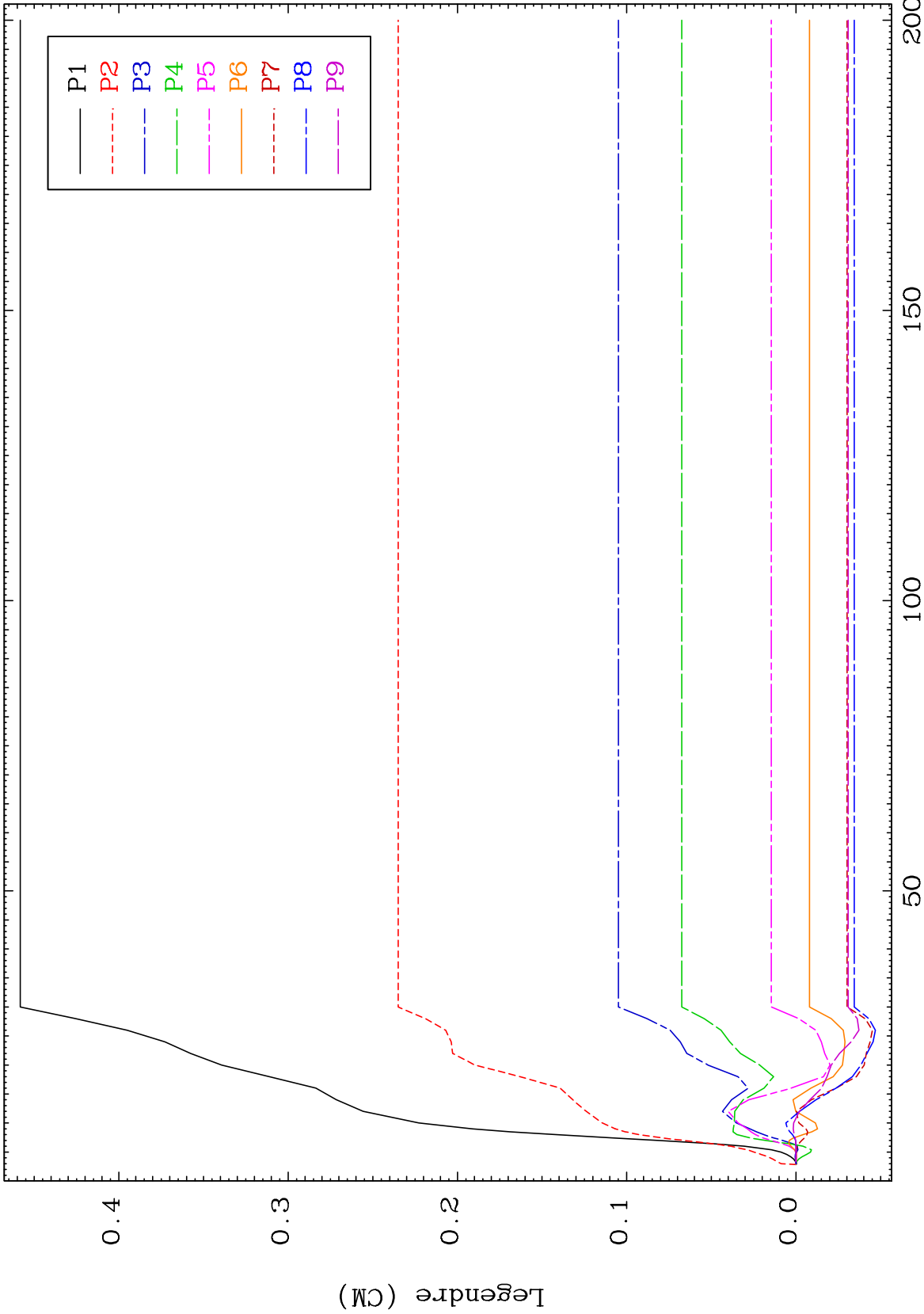
81

36-Kr-82

MAT 3637

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

36-Kr-82



82

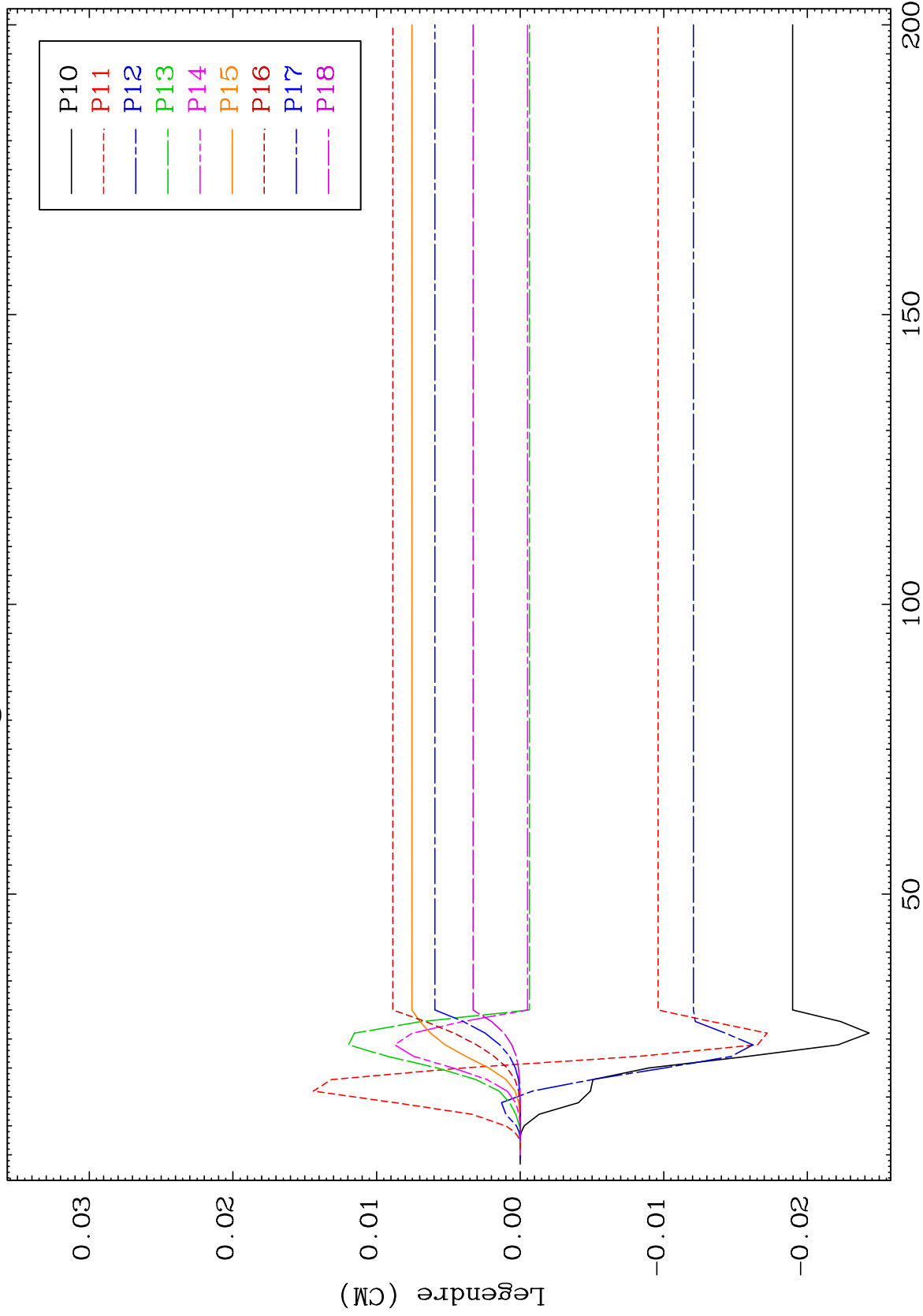
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



83

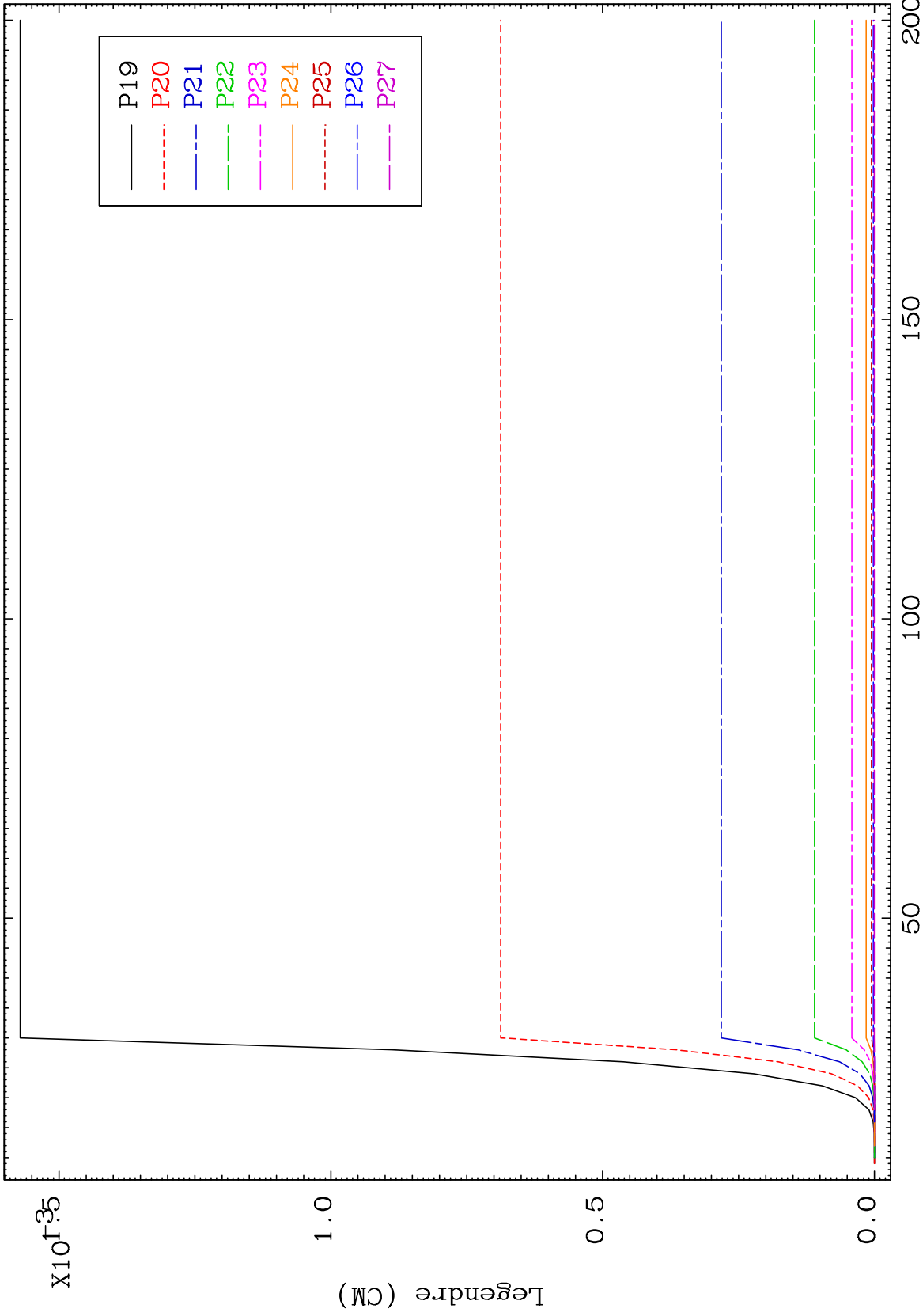
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



84

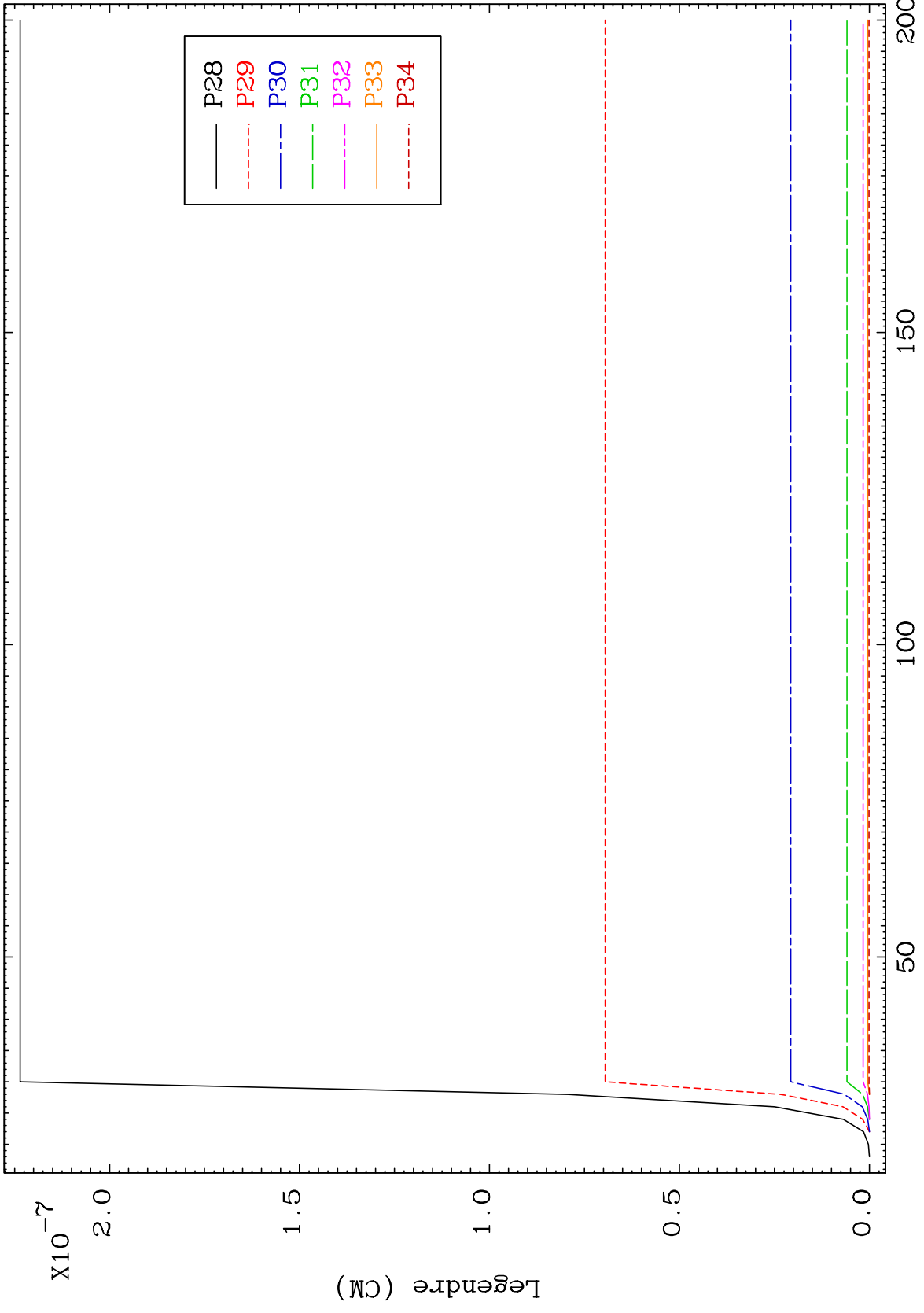
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

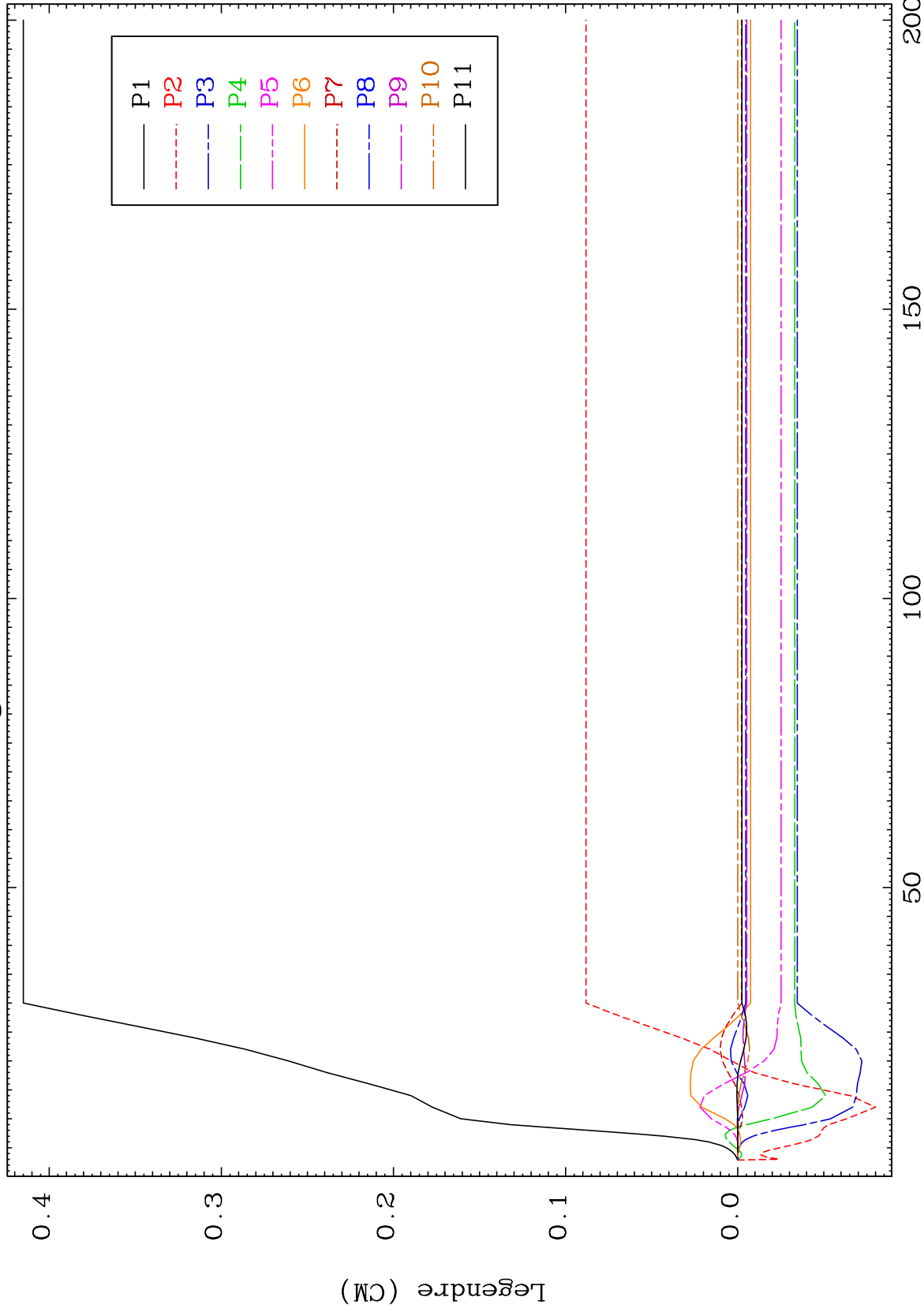
36-Kr-82



85

Incident Energy (MeV)

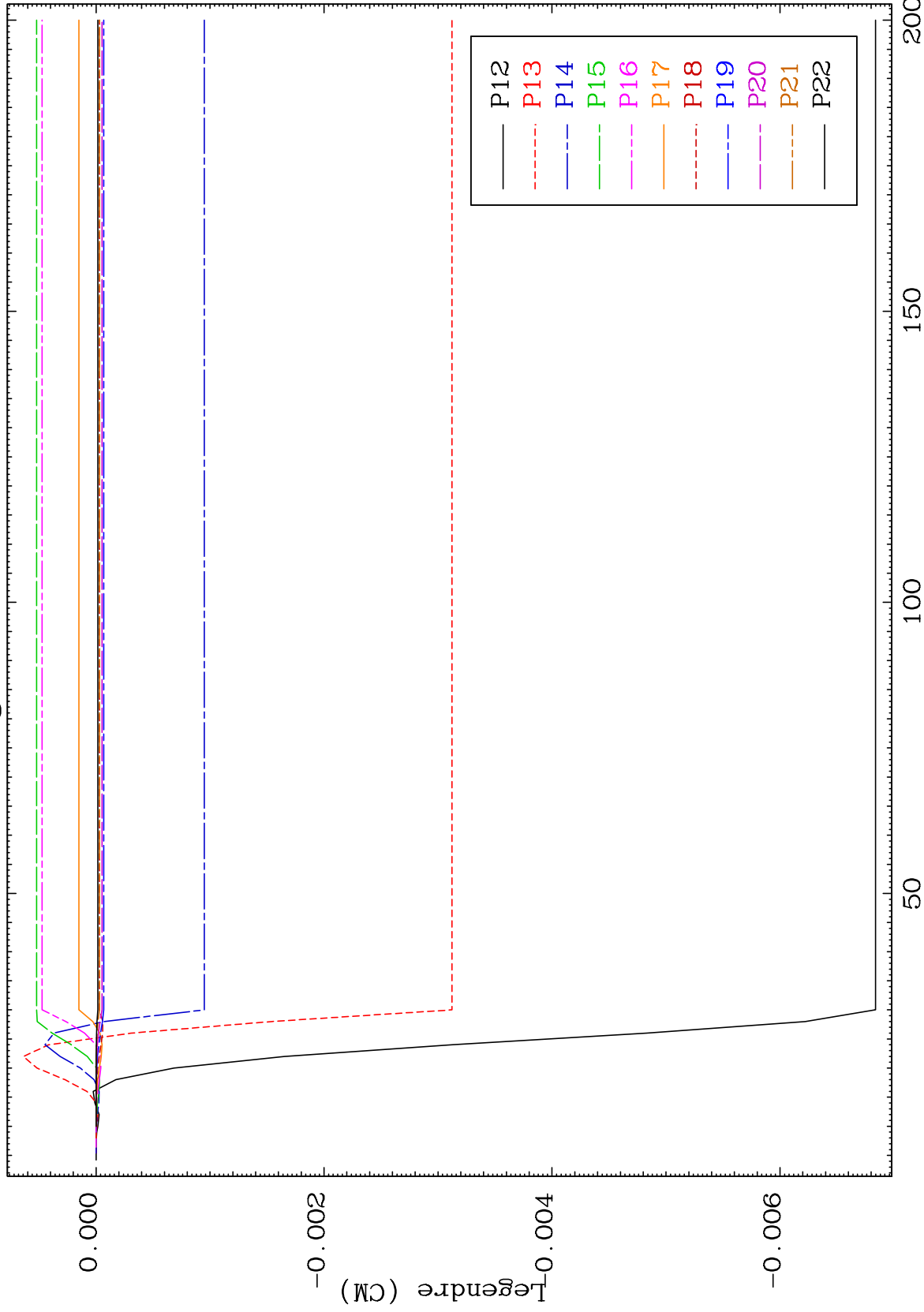
36-Kr-82



MAT 3637

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

36-Kr-82



87

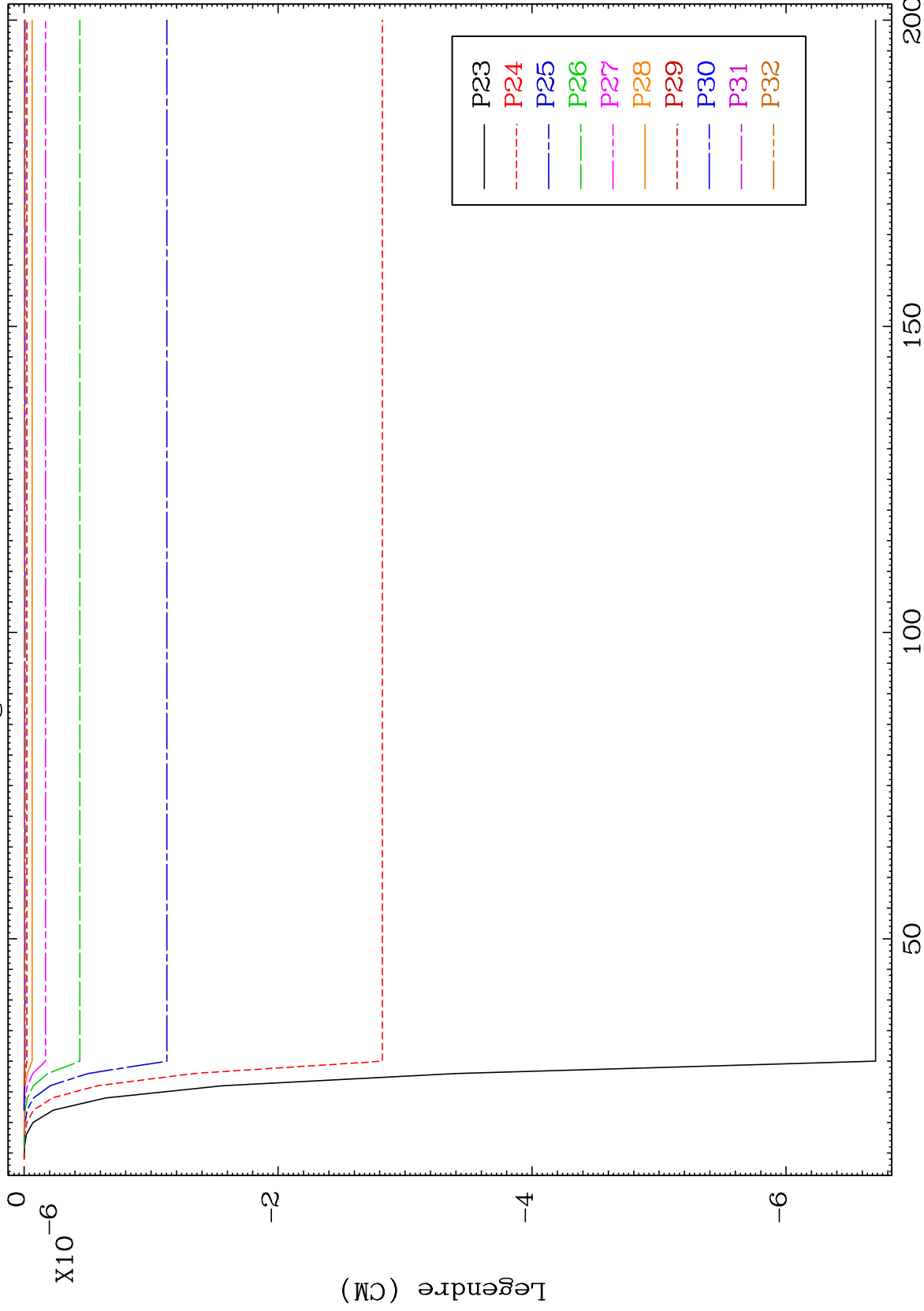
Incident Energy (MeV)

36-Kr-82

MAT 3637

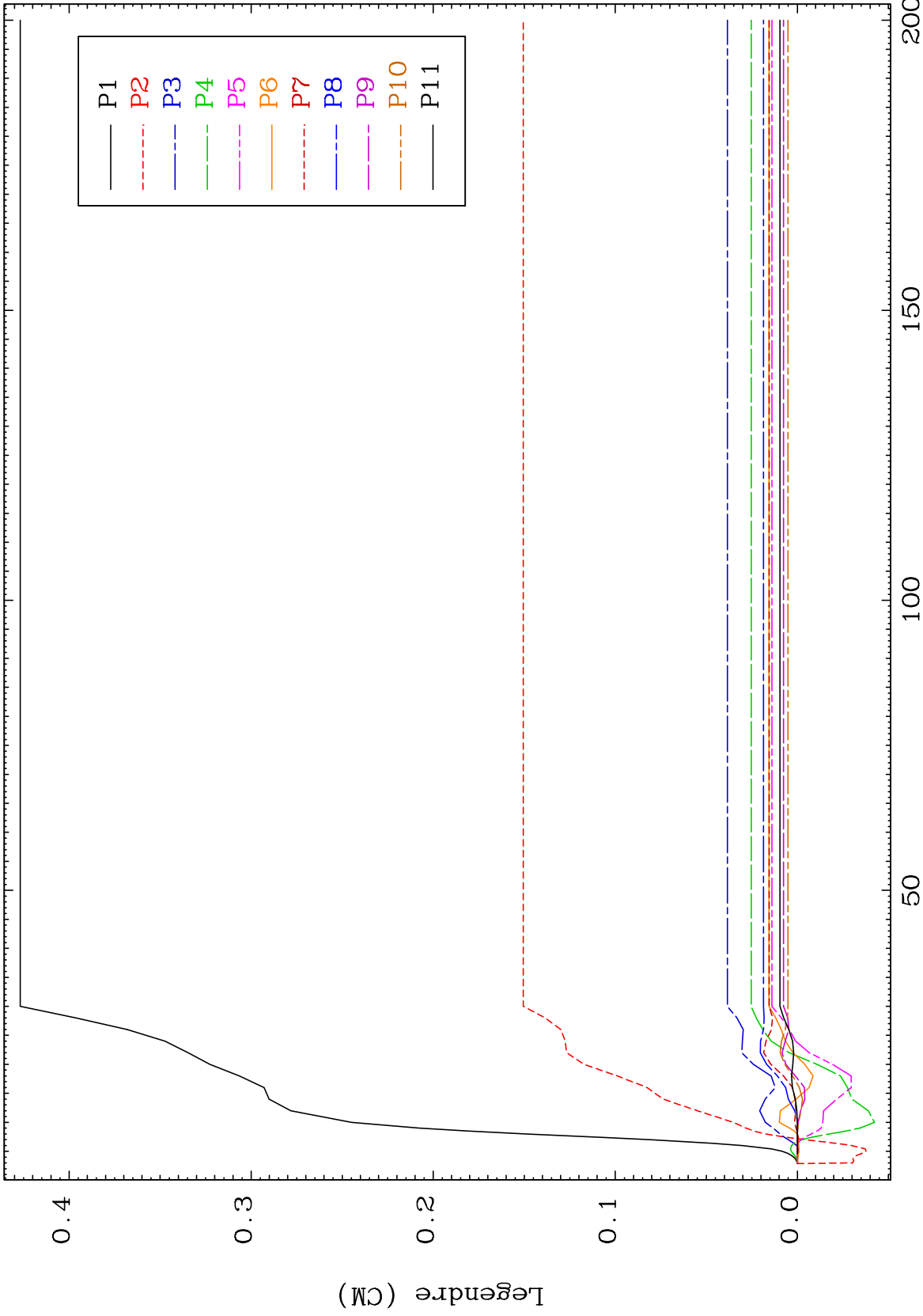
MT= 69 (n,n') Level
Legendre Coefficients

36-Kr-82



88

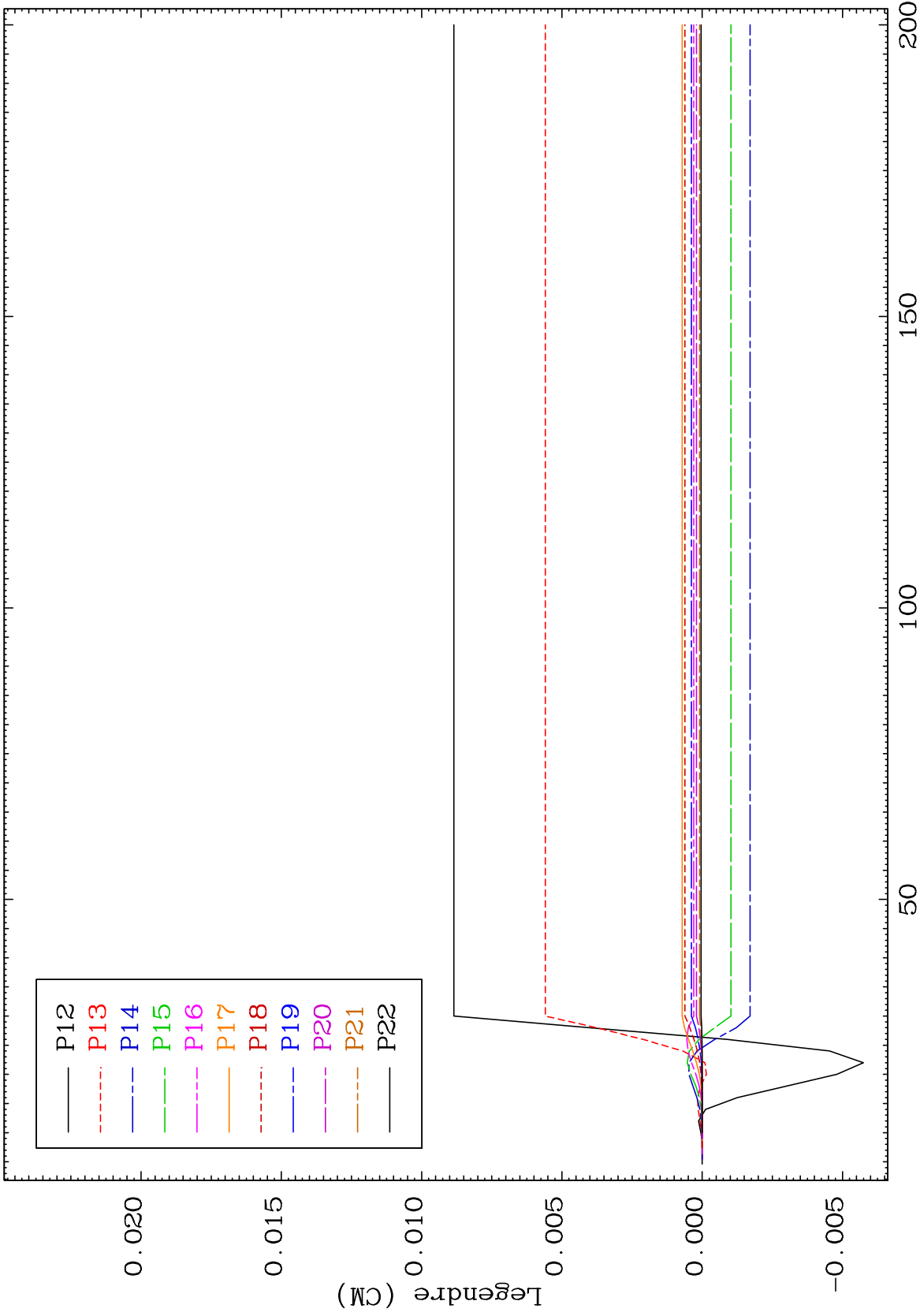
36-Kr-82



MAT 3637

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

36-Kr-82



90

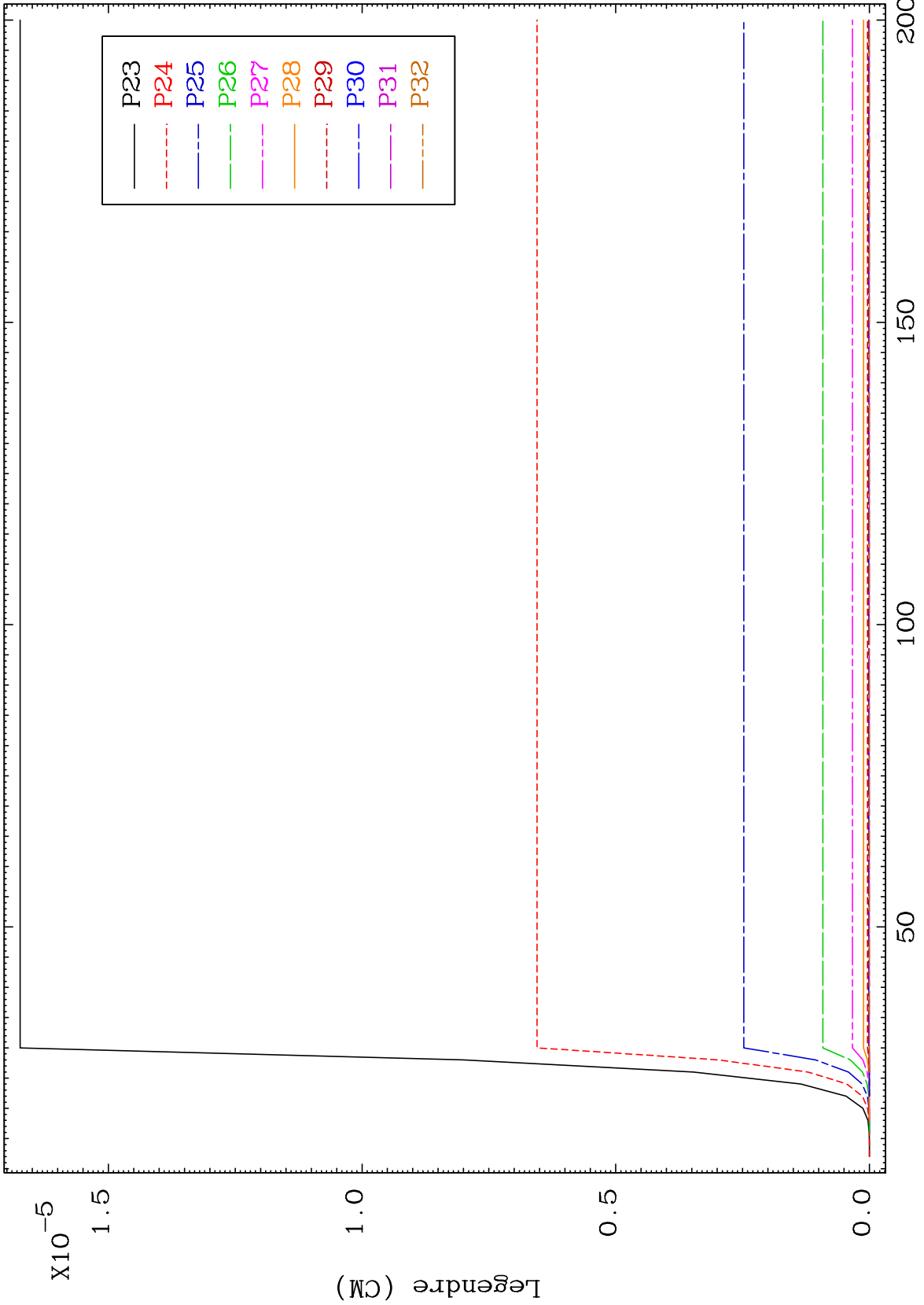
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



91

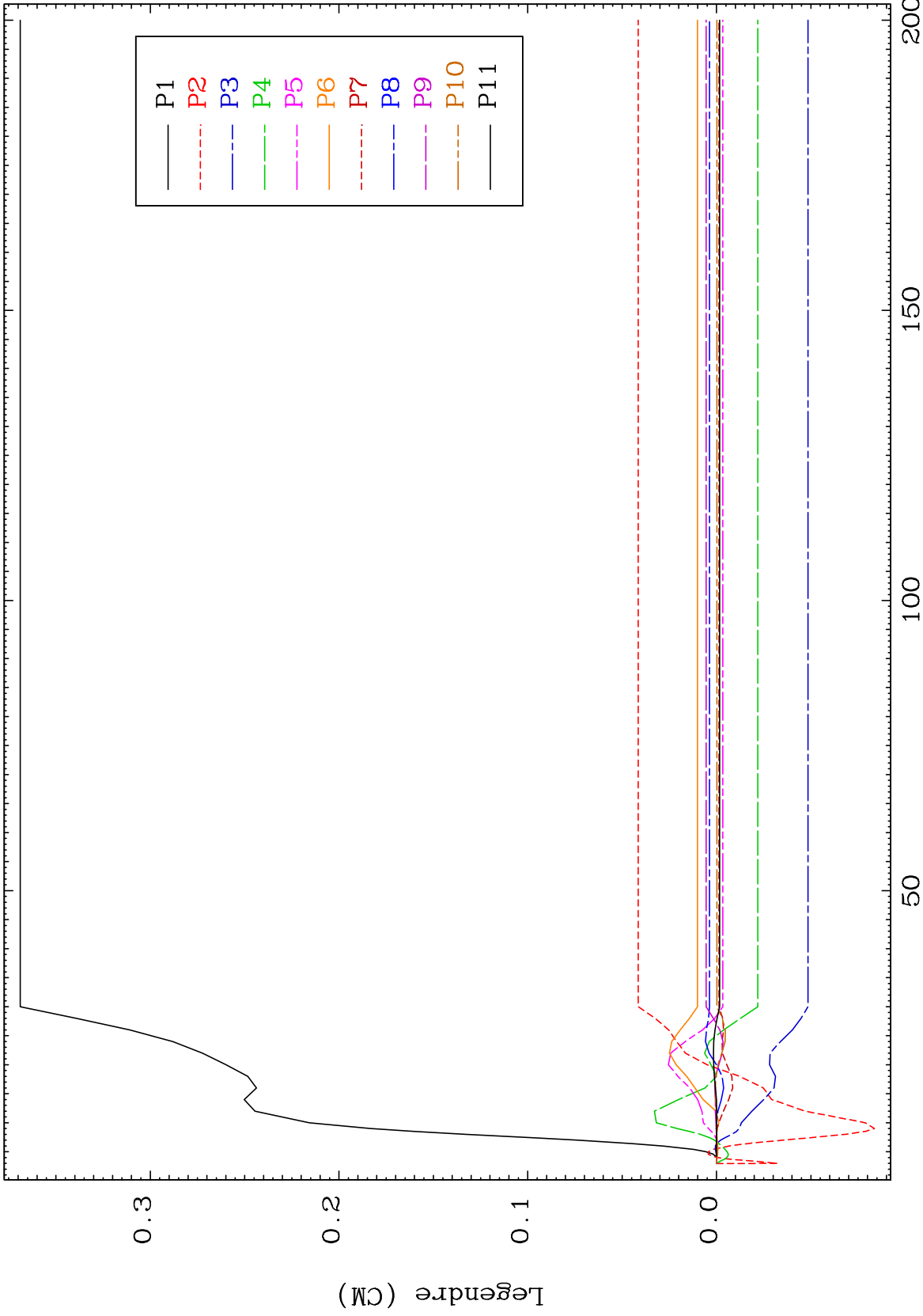
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

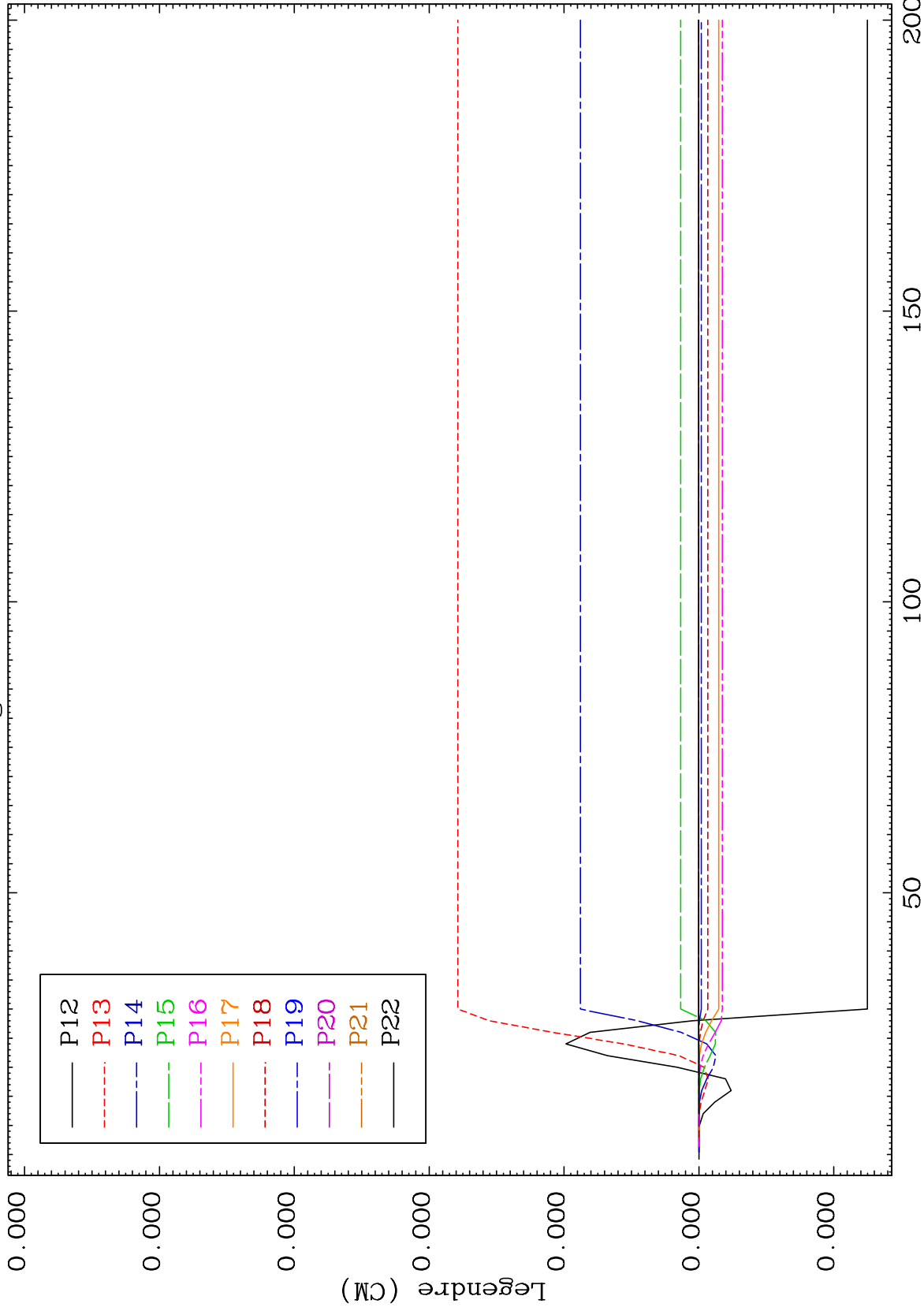
36-Kr-82



92

Incident Energy (MeV)

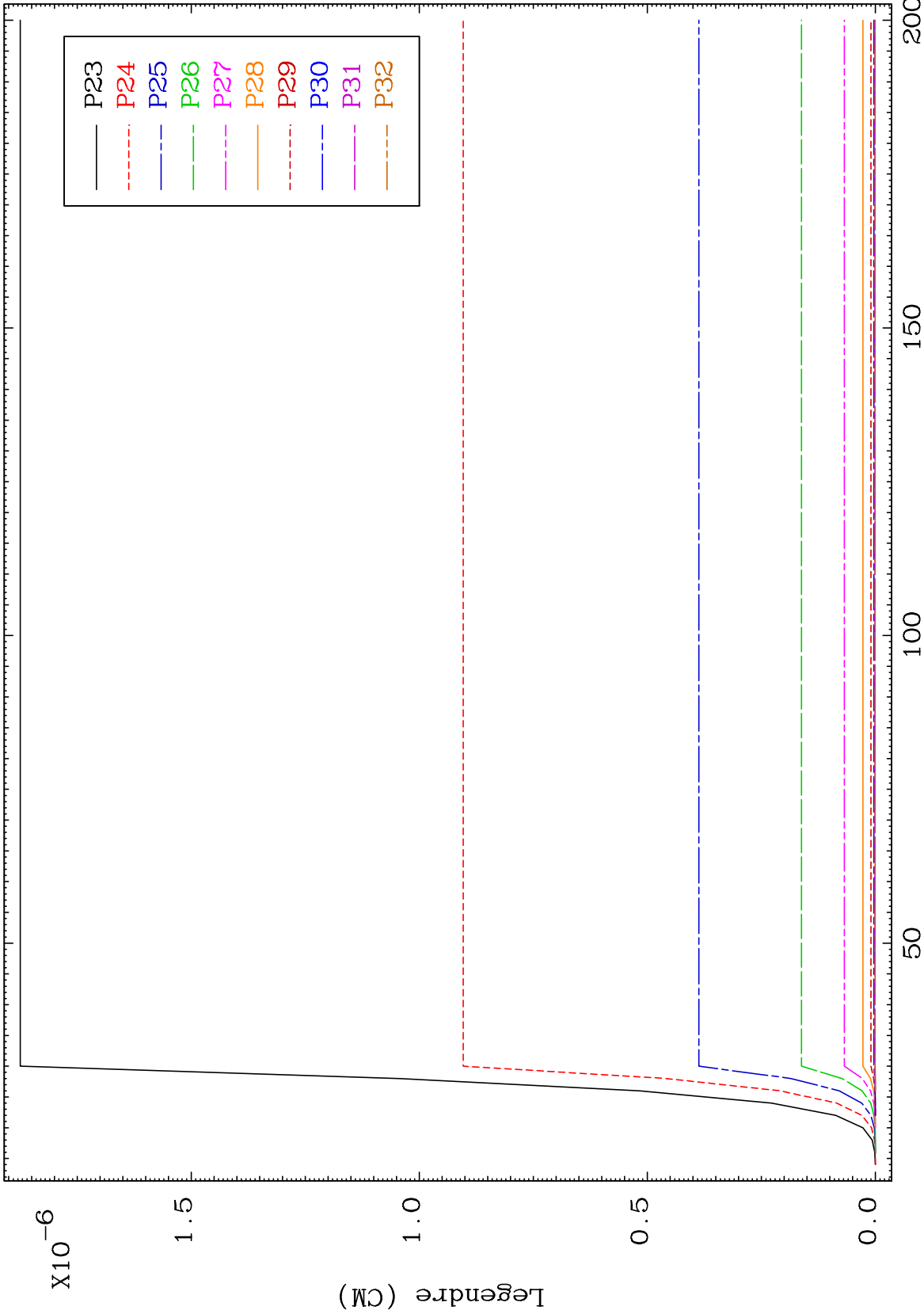
36-Kr-82



MAT 3637

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

36-Kr-82



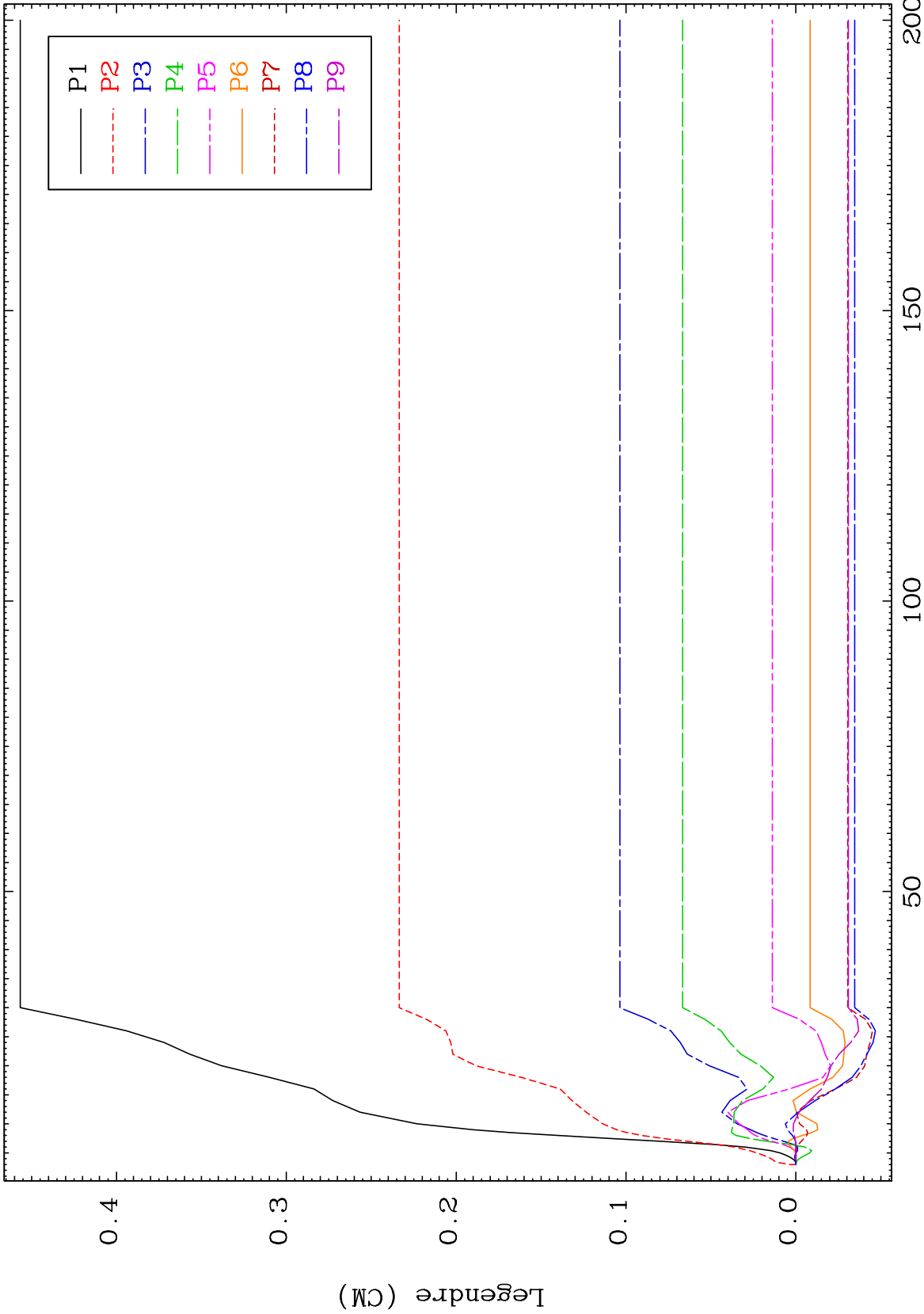
94

36-Kr-82

MAT 3637

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

36-Kr-82



95

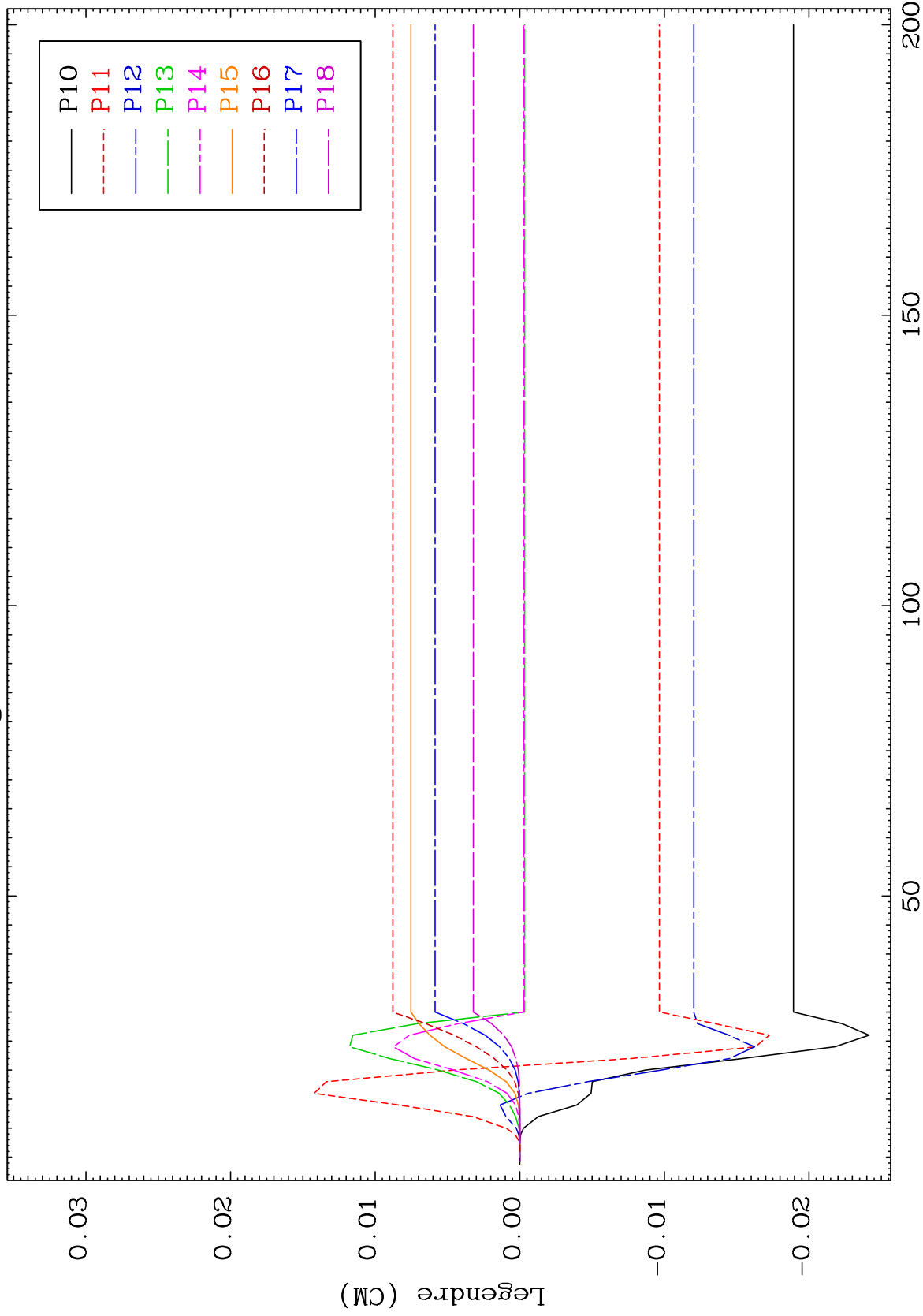
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



96

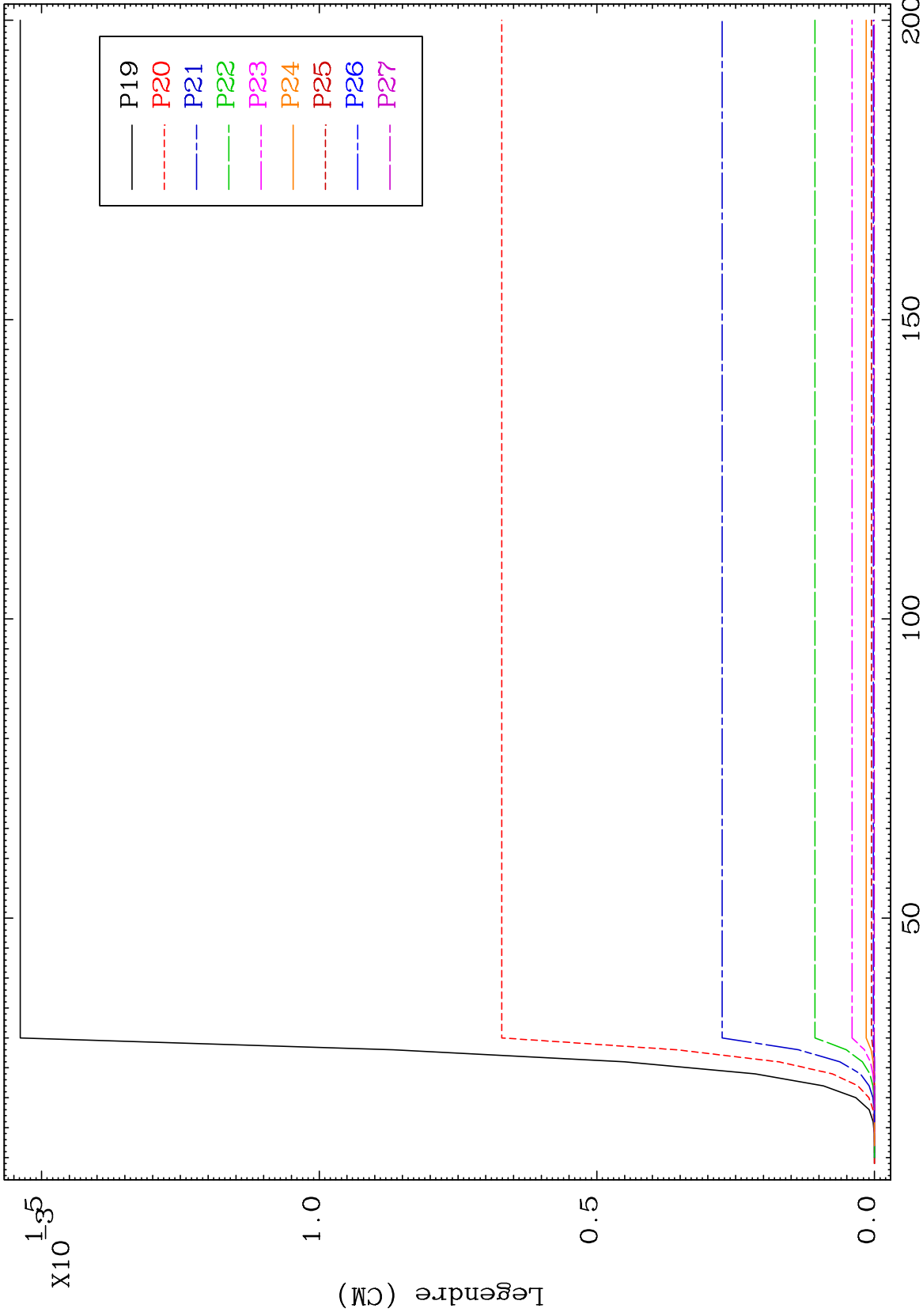
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



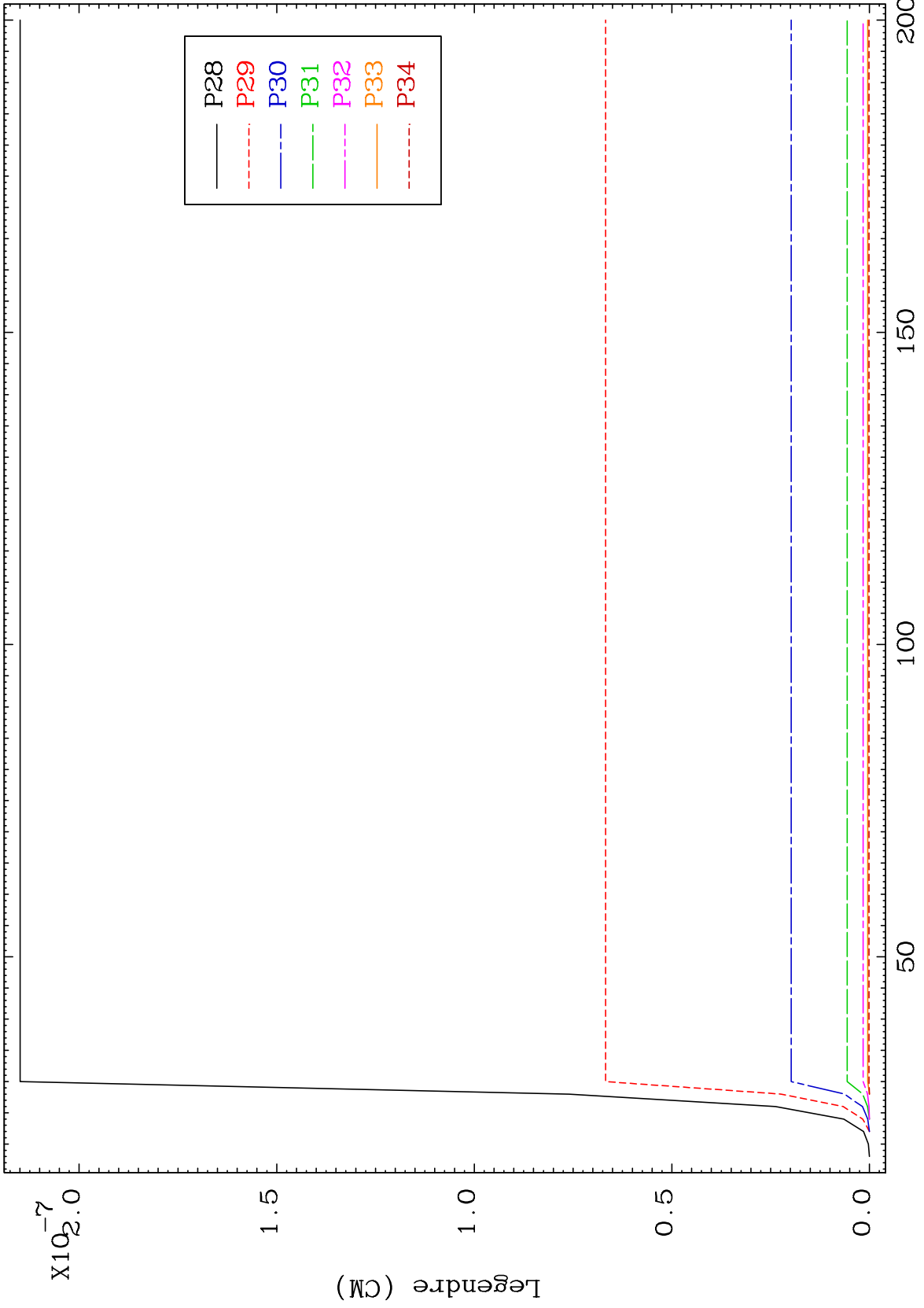
97

36-Kr-82

MAT 3637

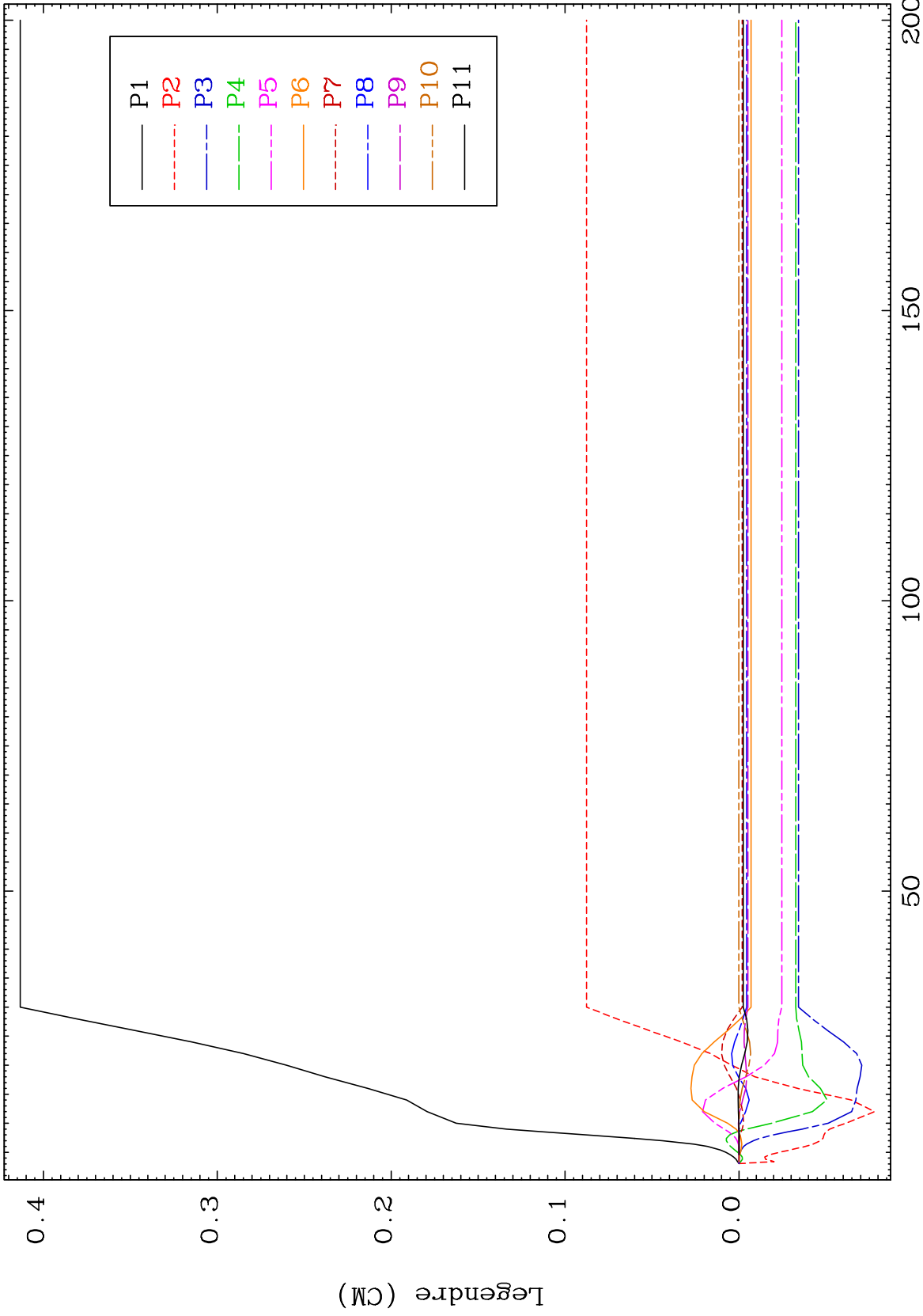
MT= 72 (n,n') Level
Legendre Coefficients

36-Kr-82



98

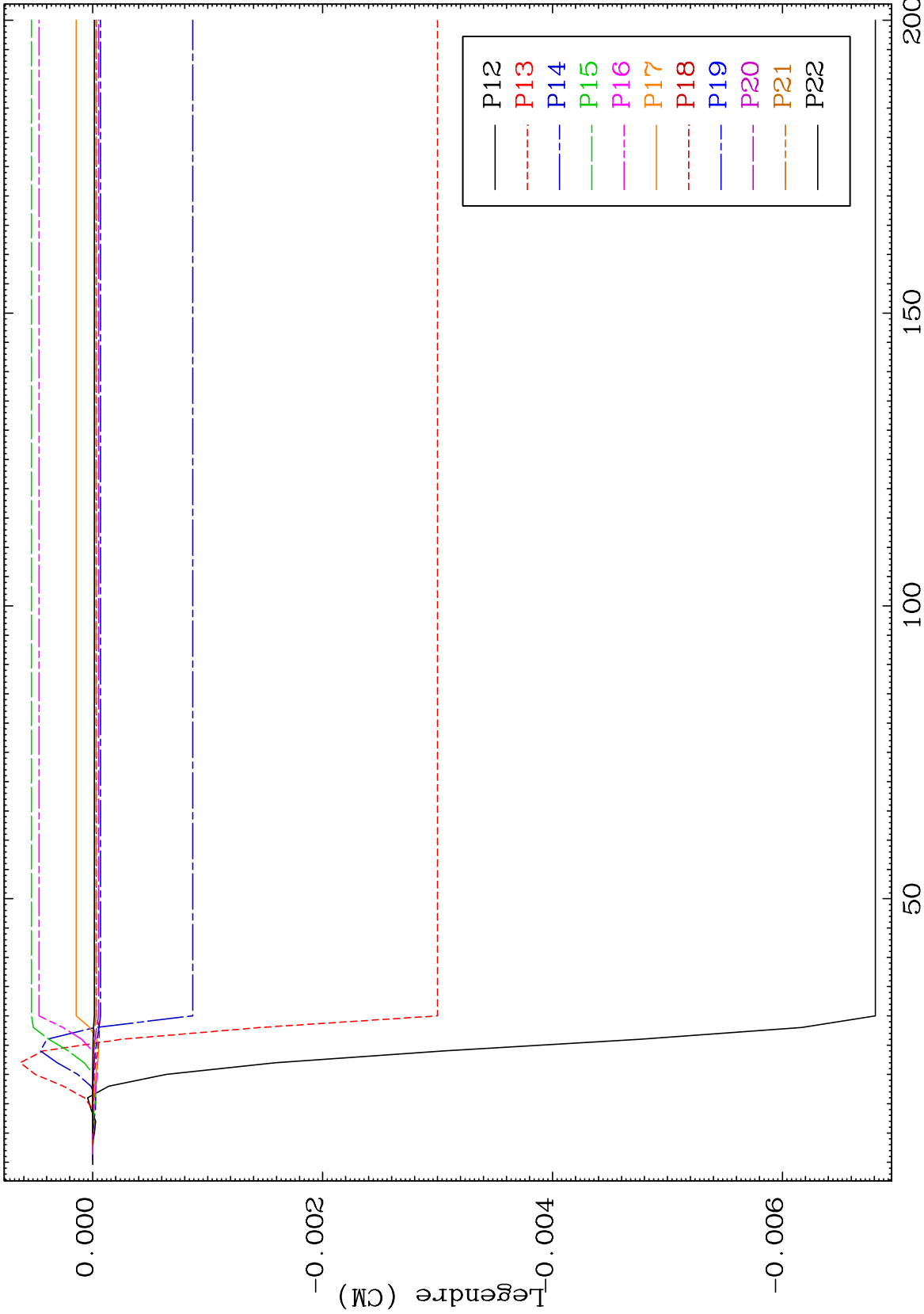
36-Kr-82



MAT 3637

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

36-Kr-82



100

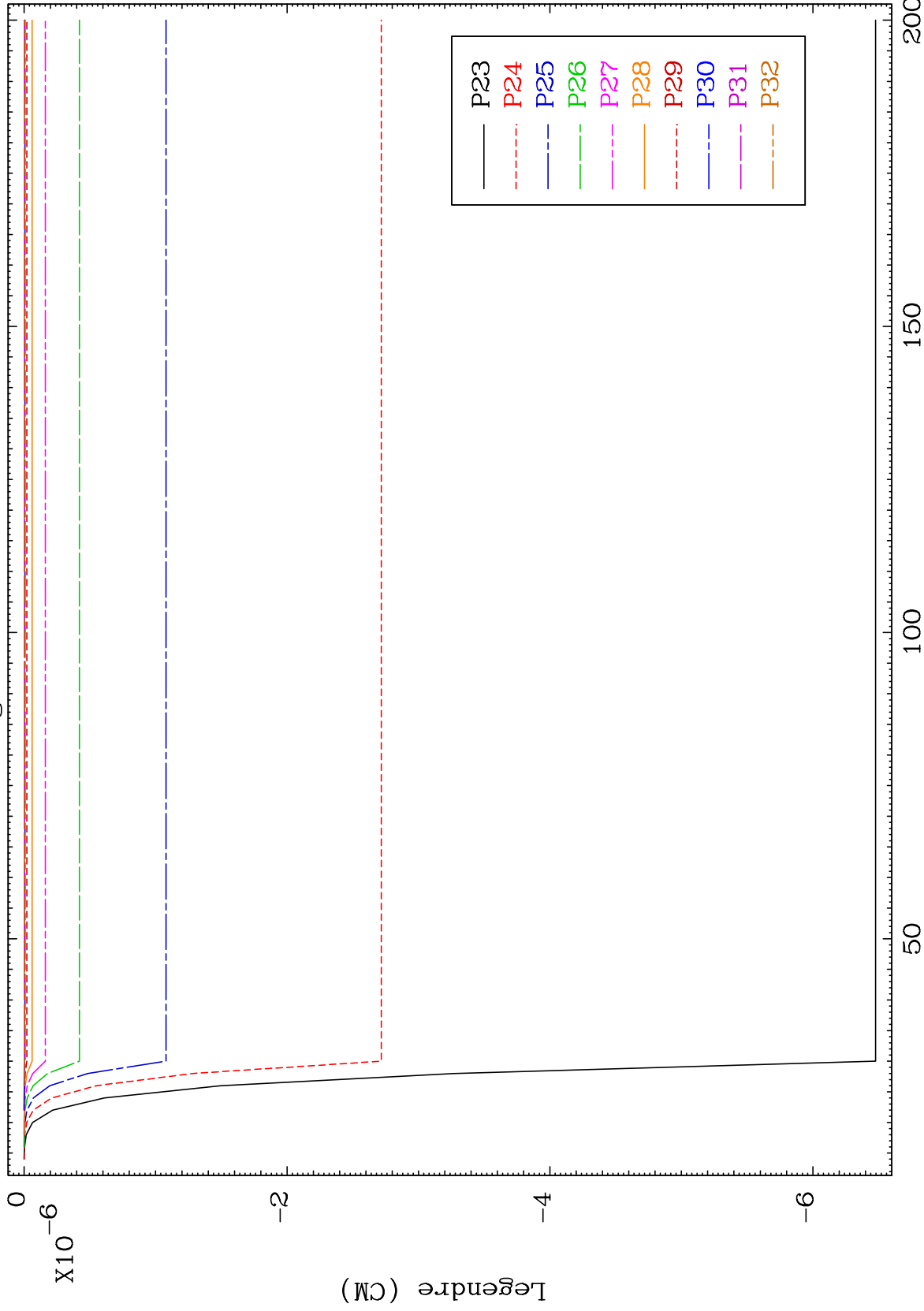
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



101

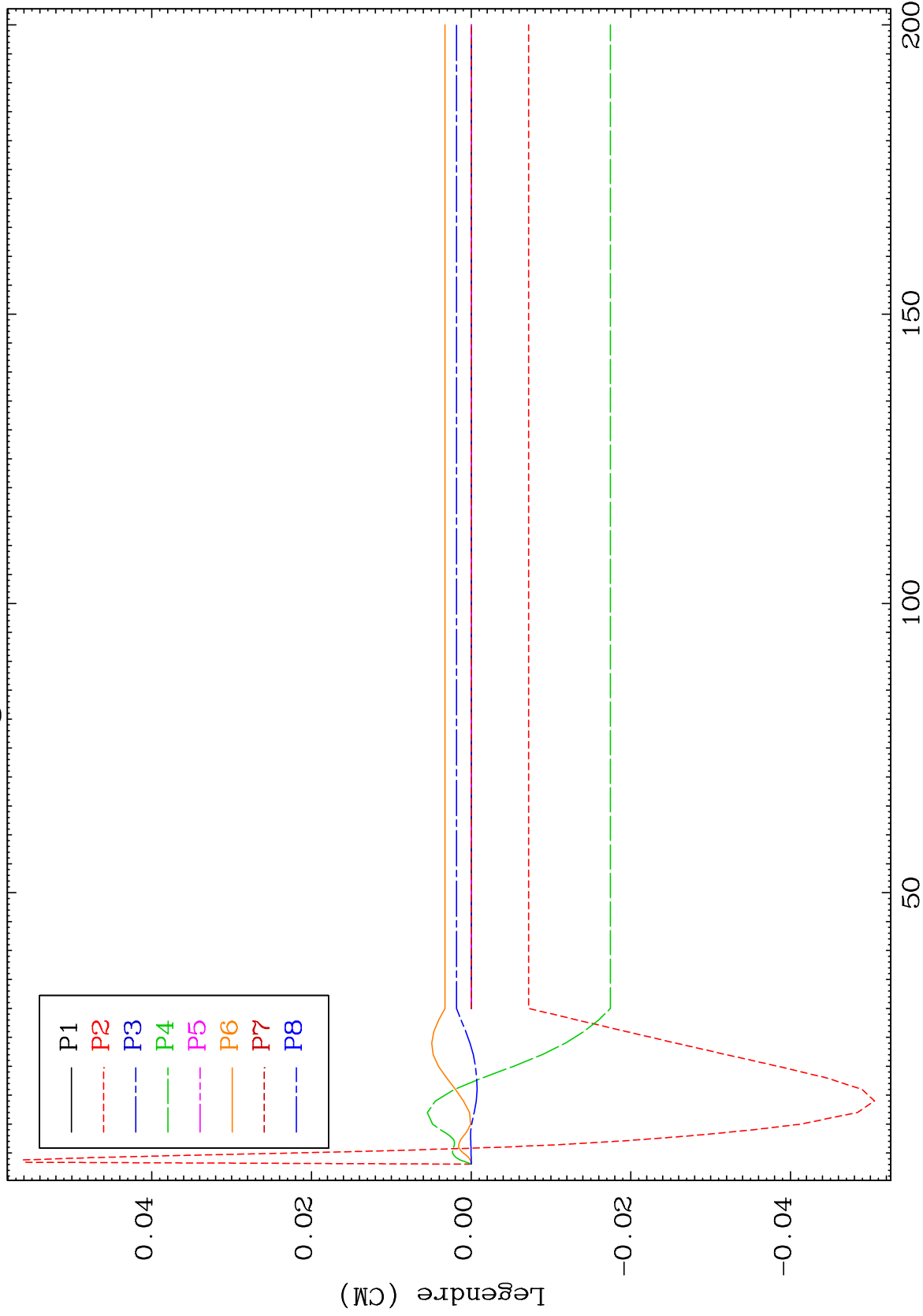
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



102

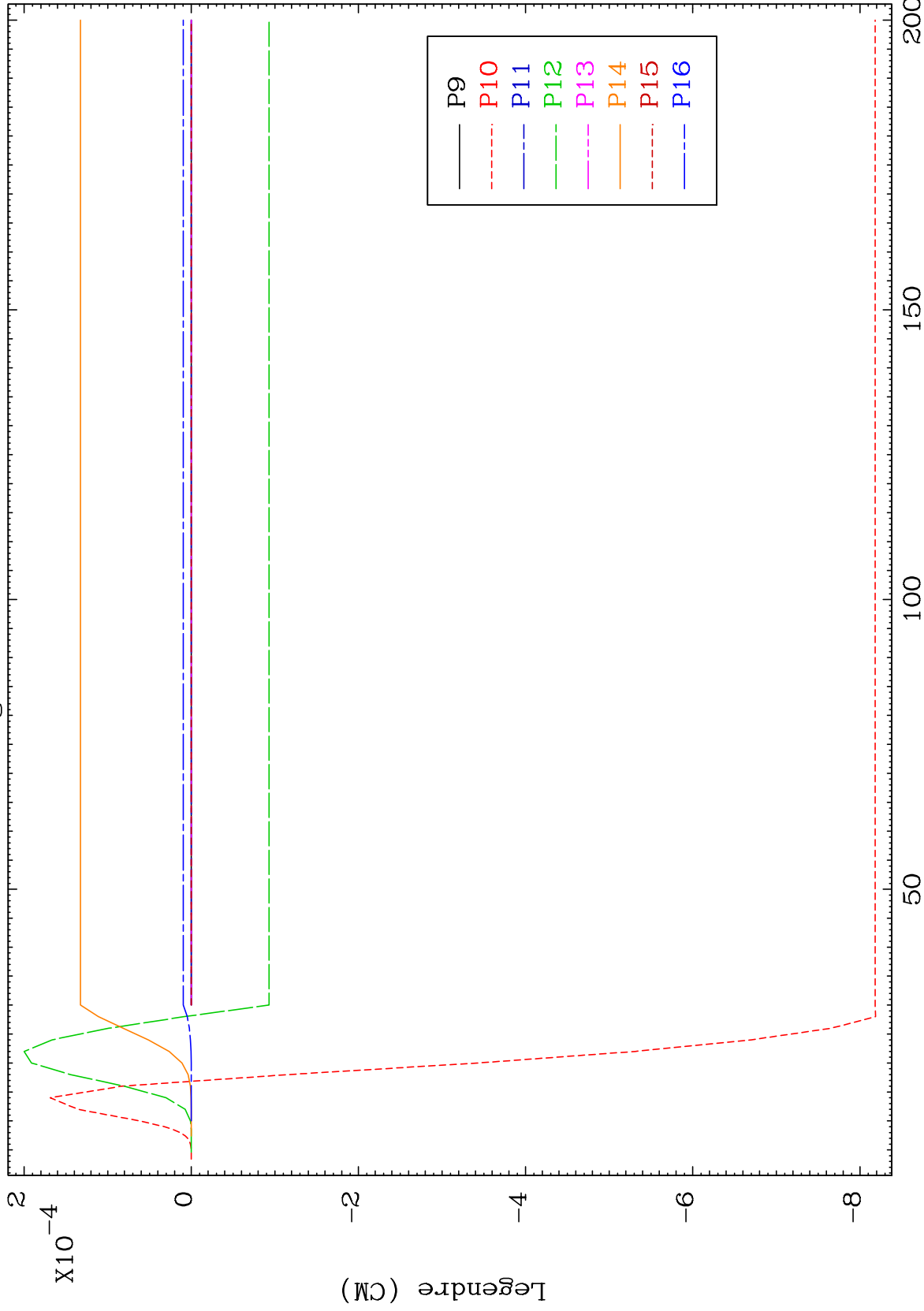
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



103

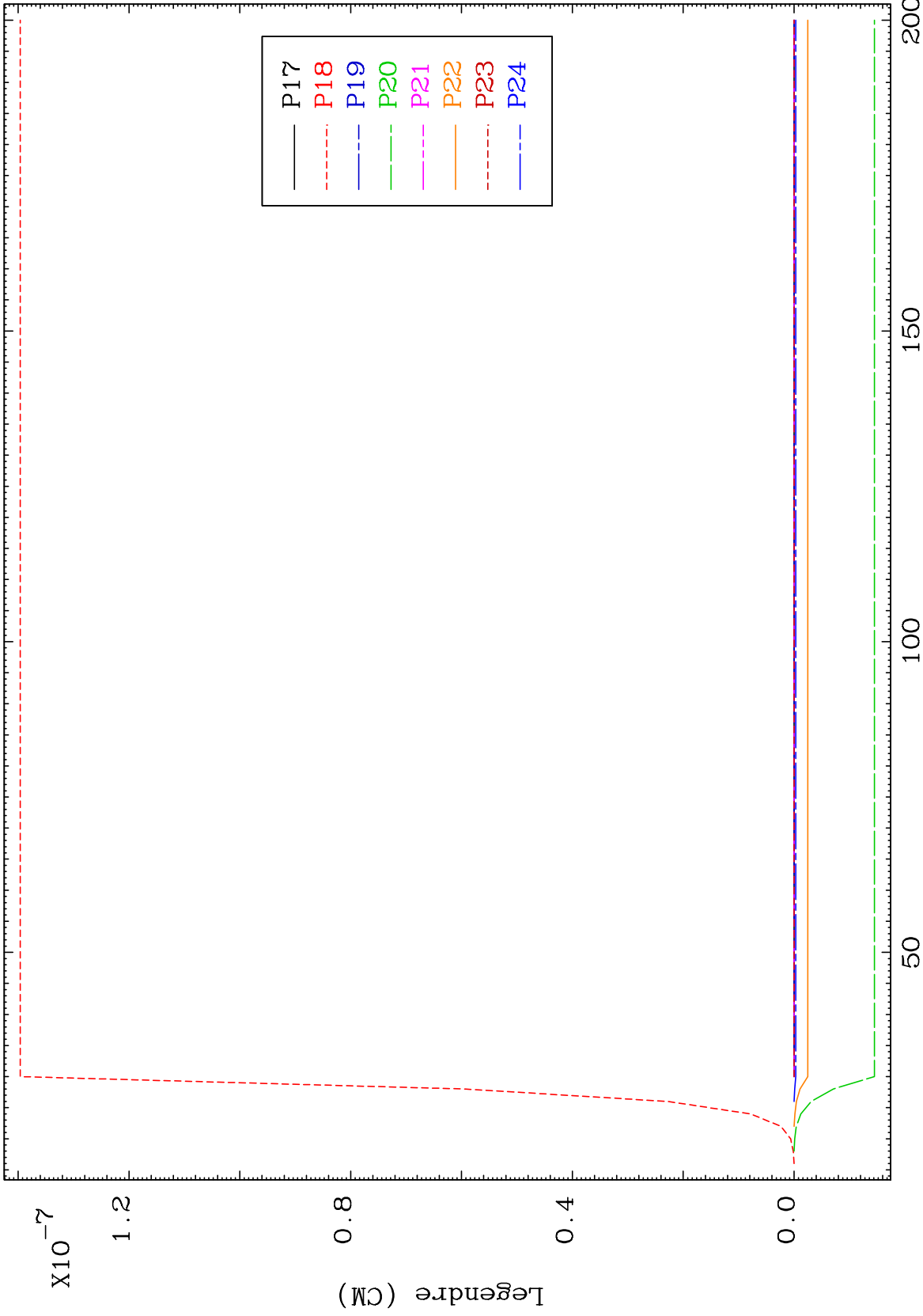
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



104

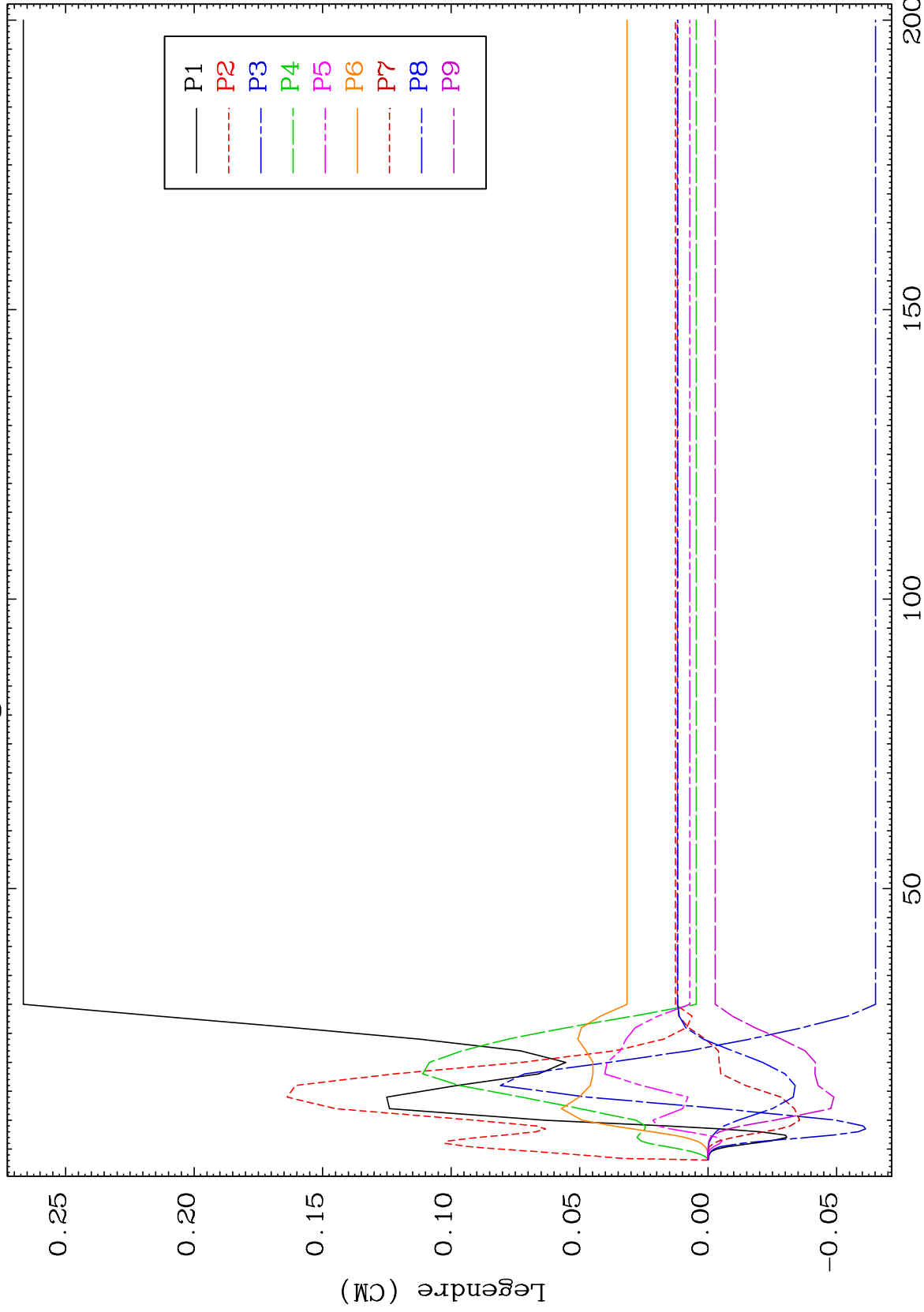
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



105

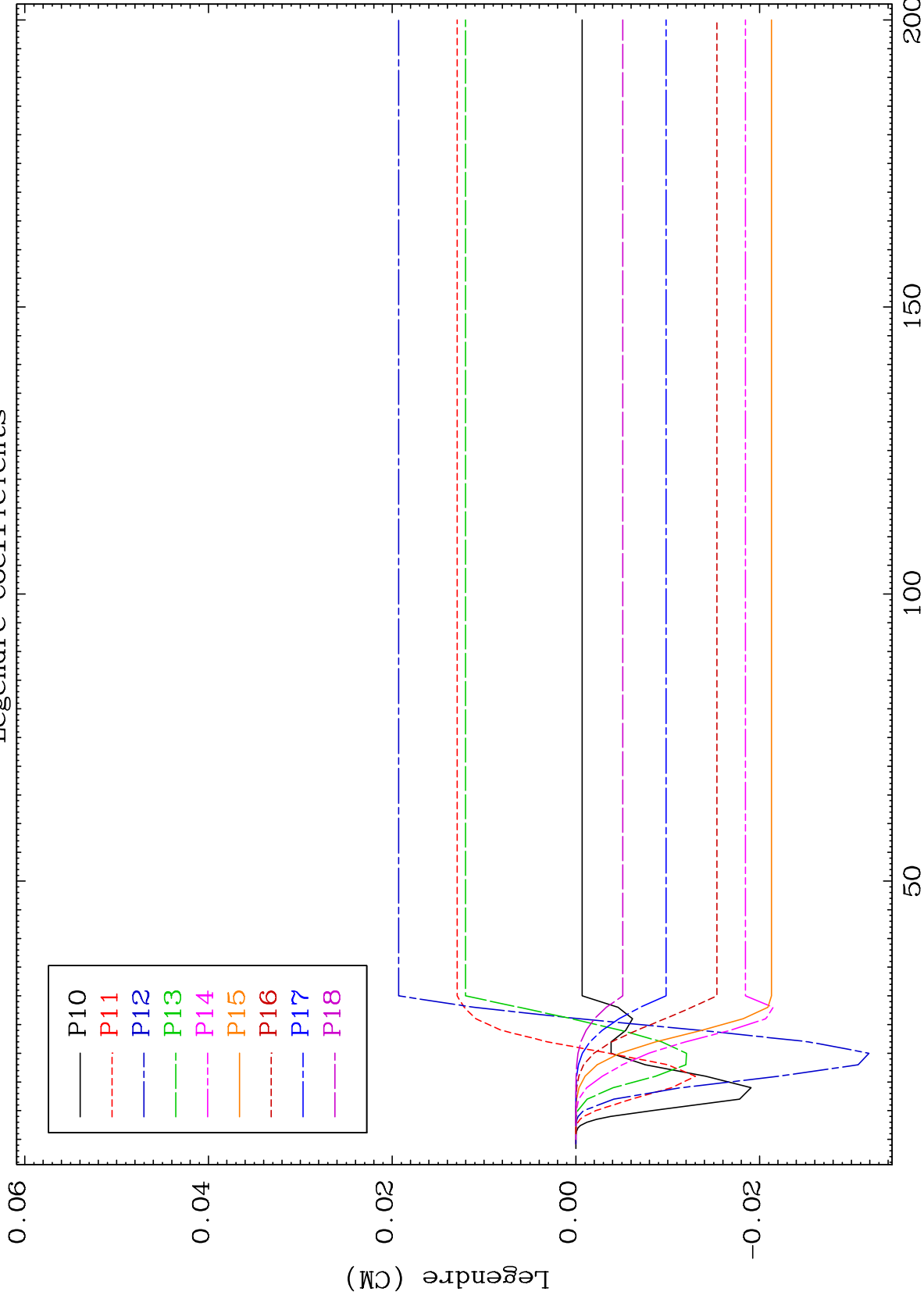
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



106

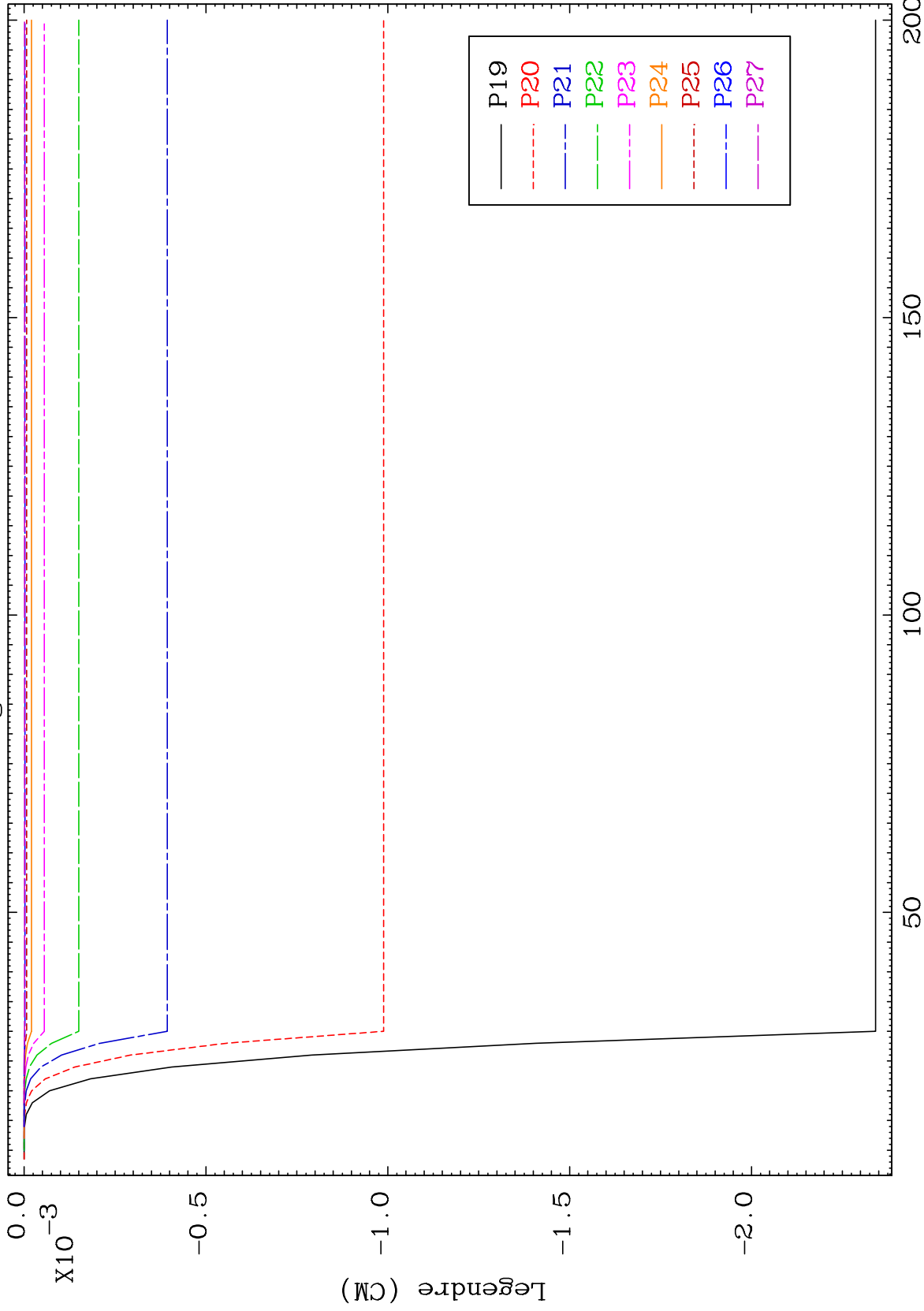
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



107

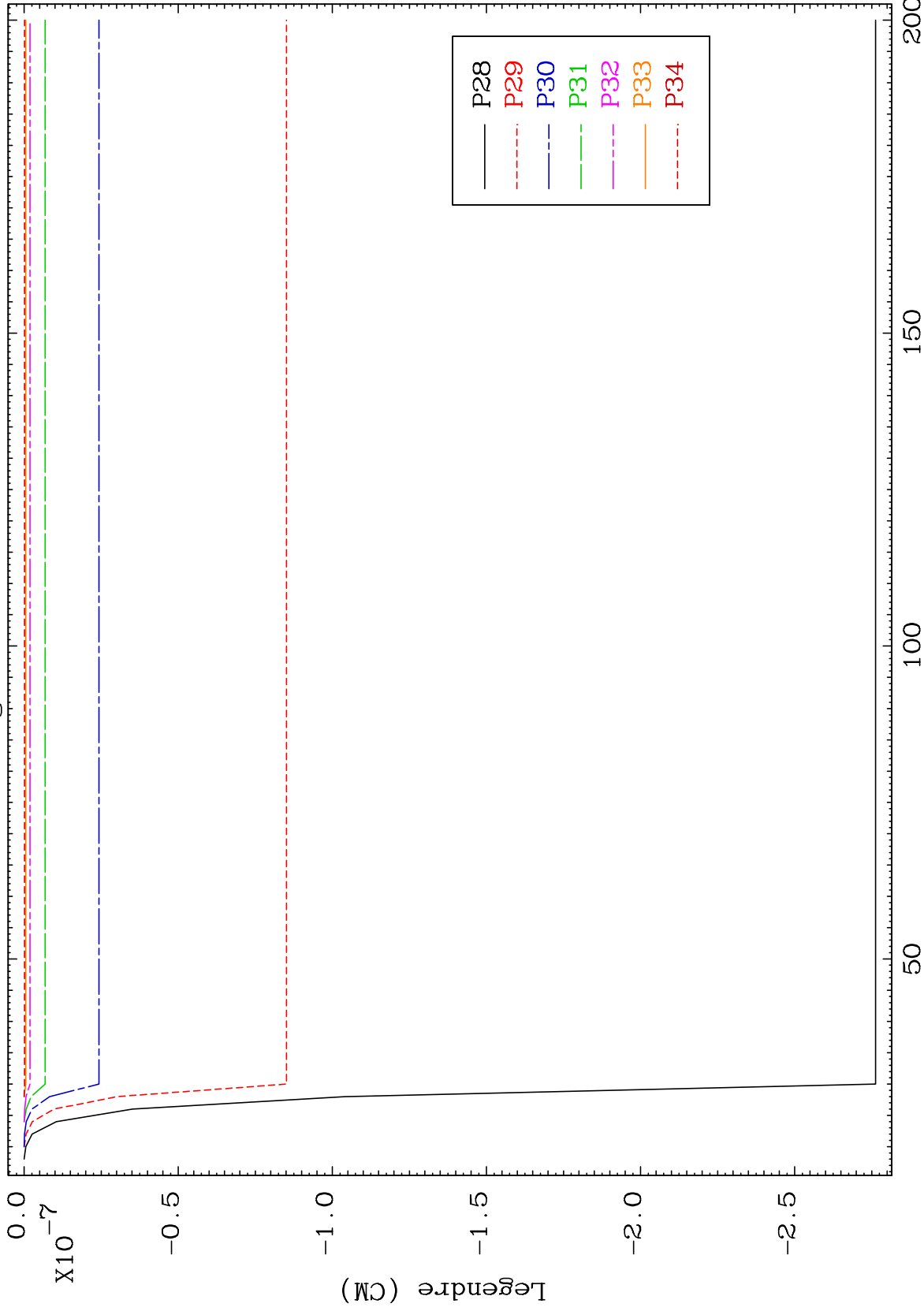
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



108

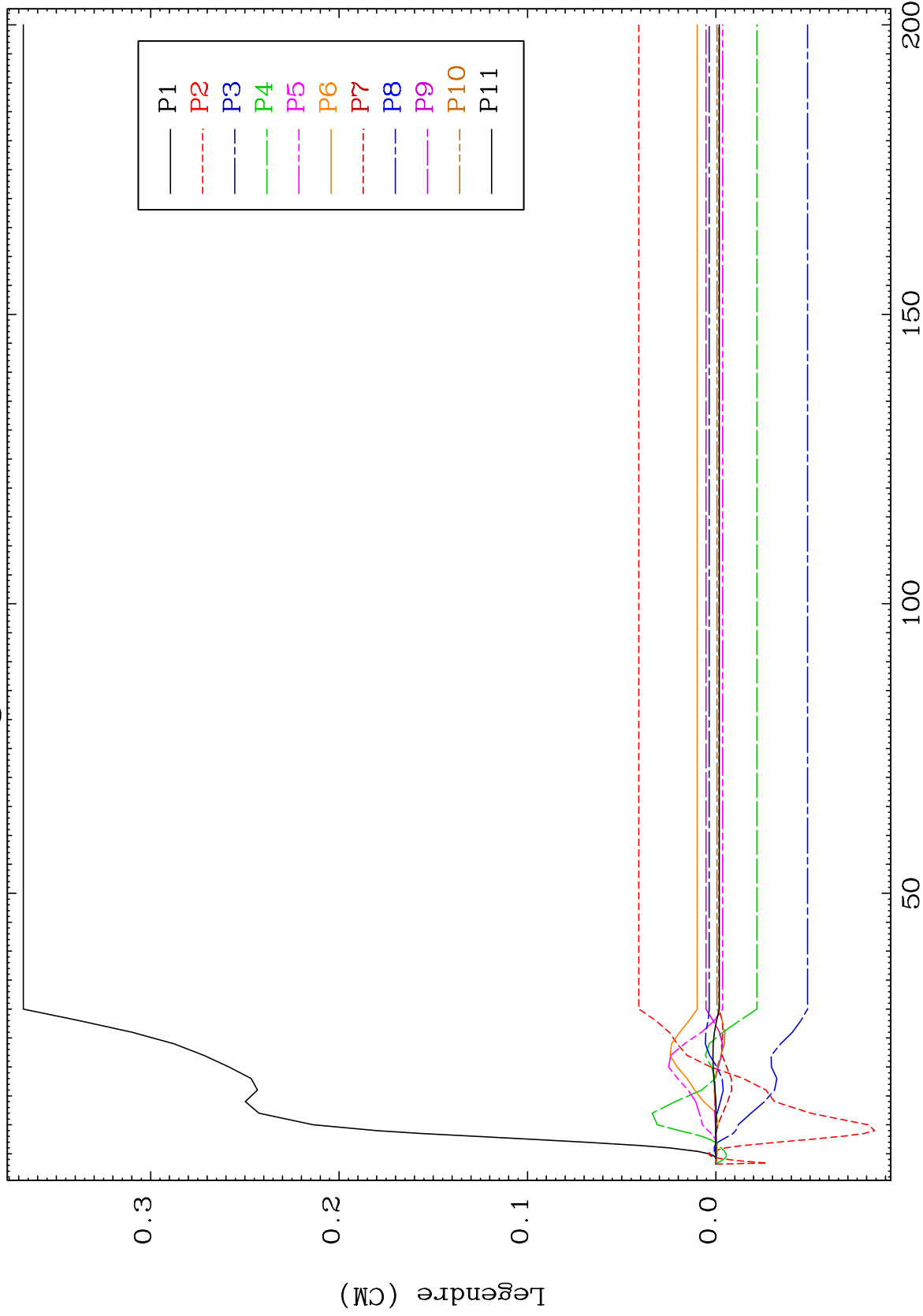
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



109

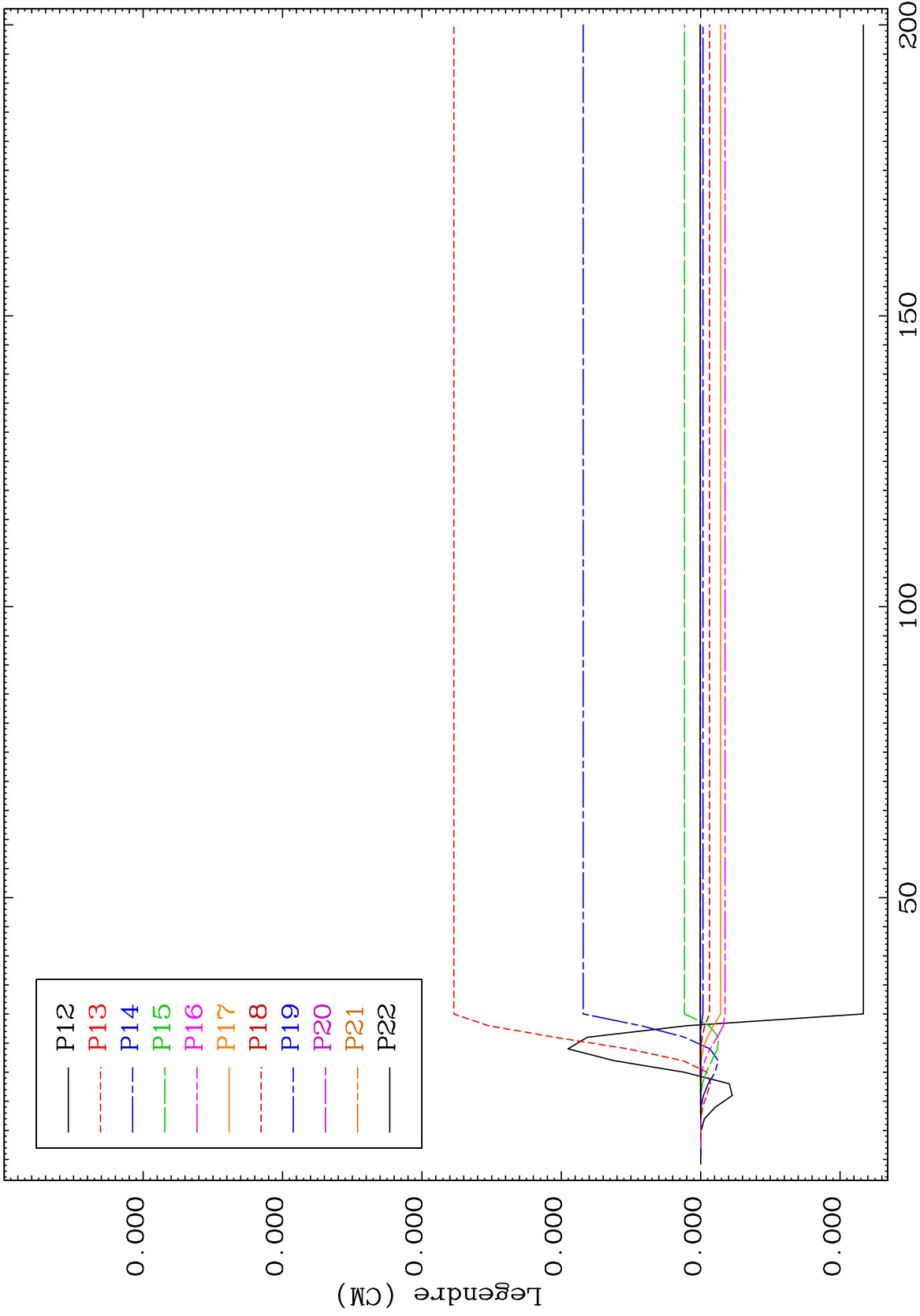
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



110

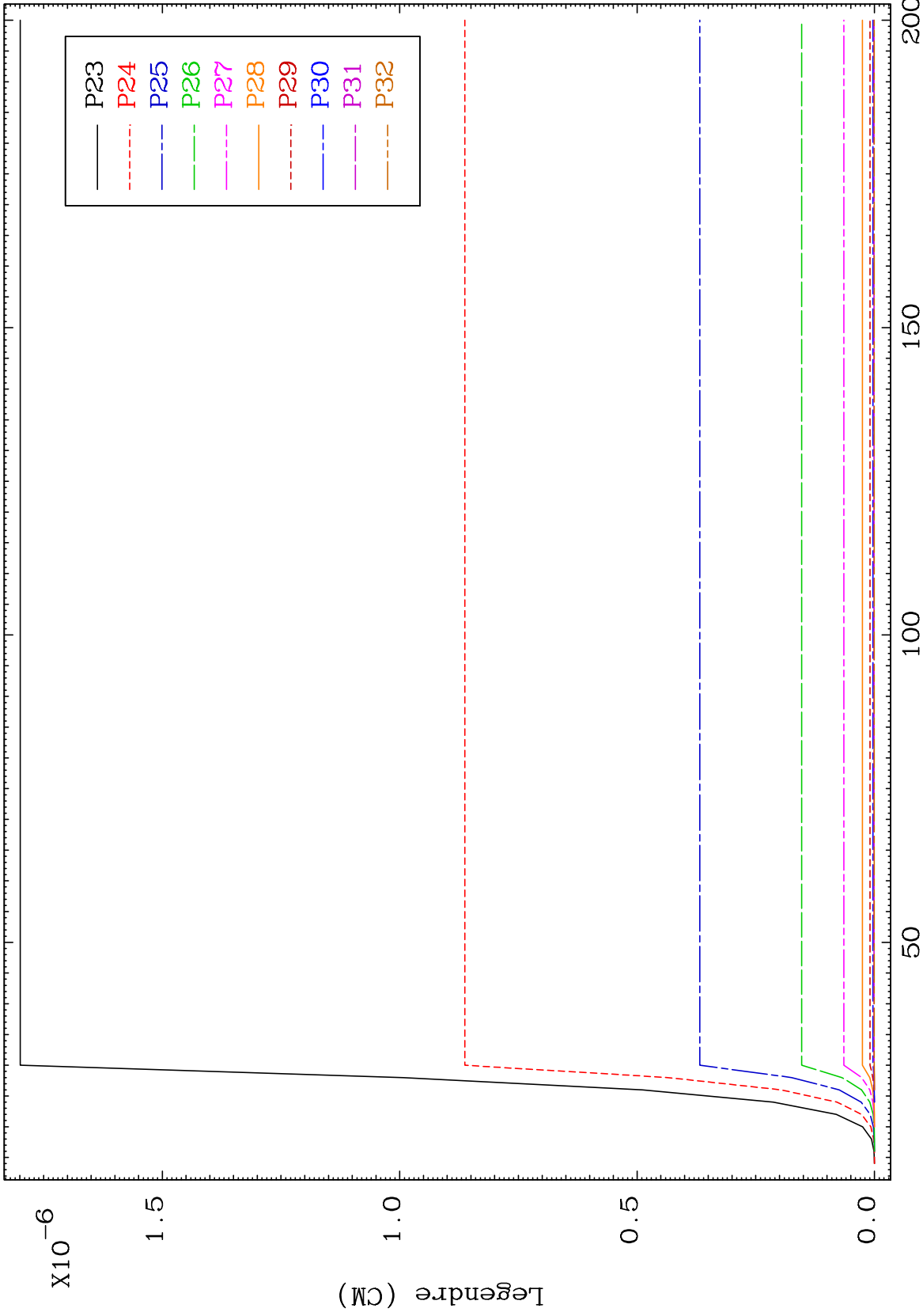
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



111

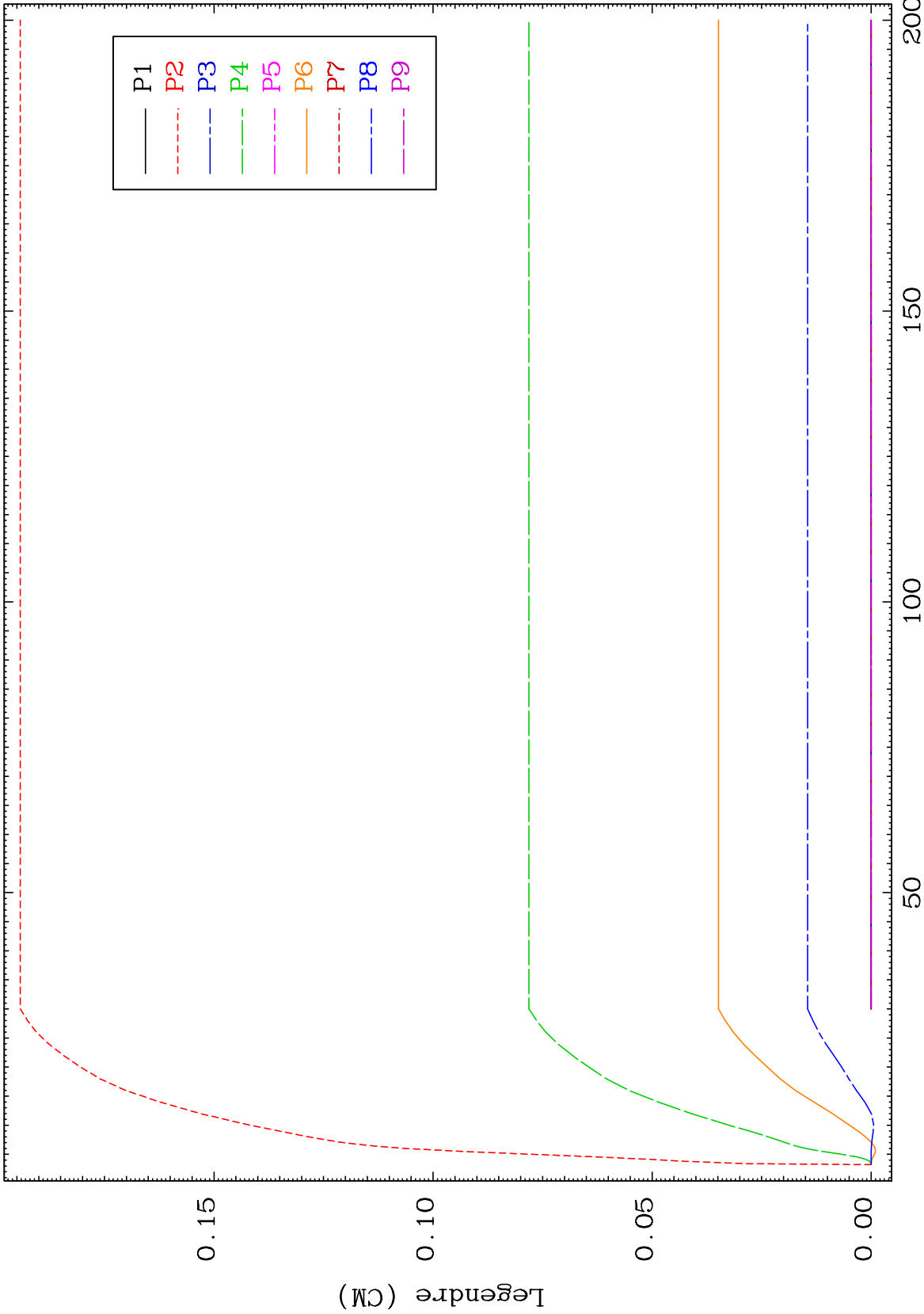
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



112

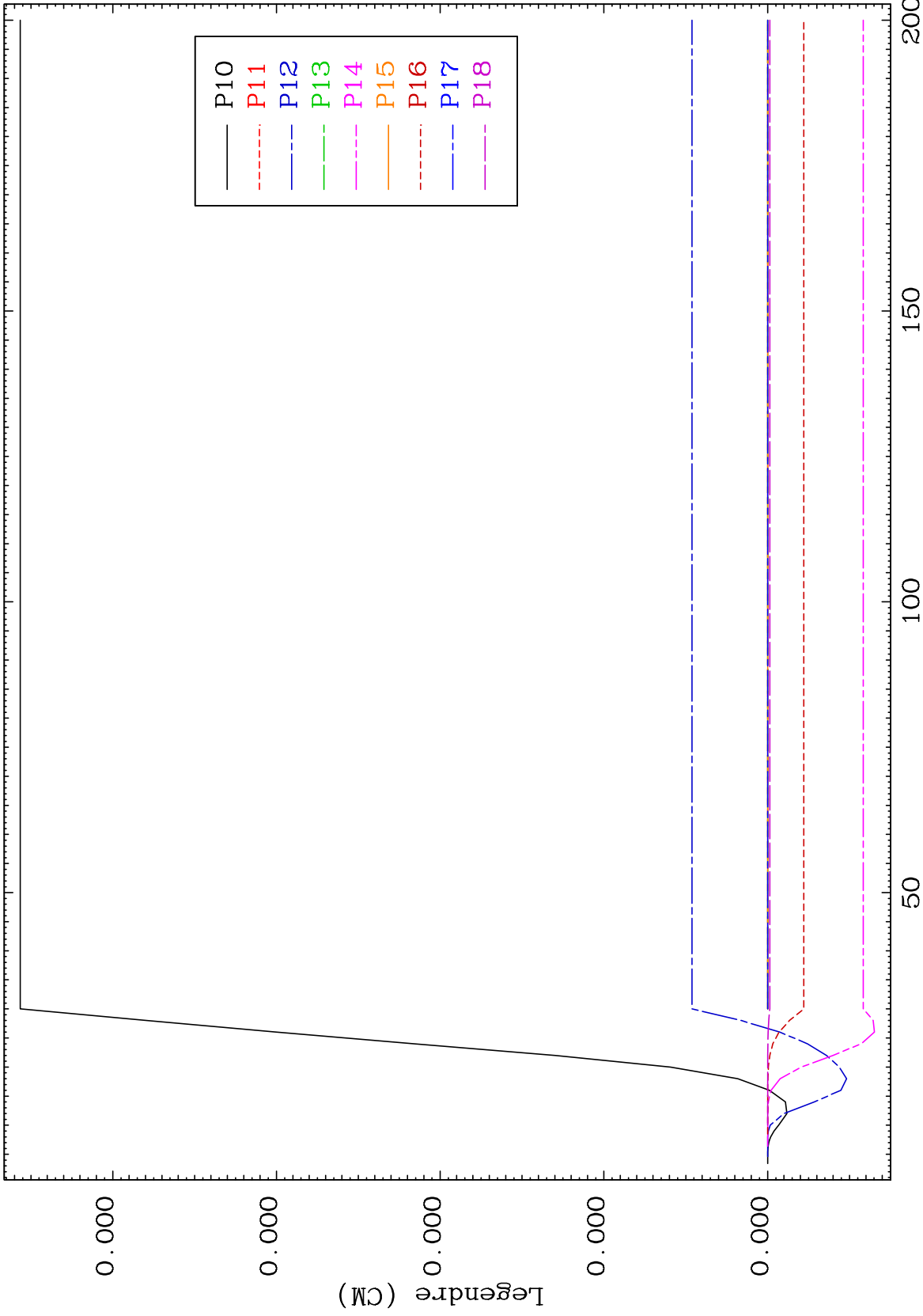
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



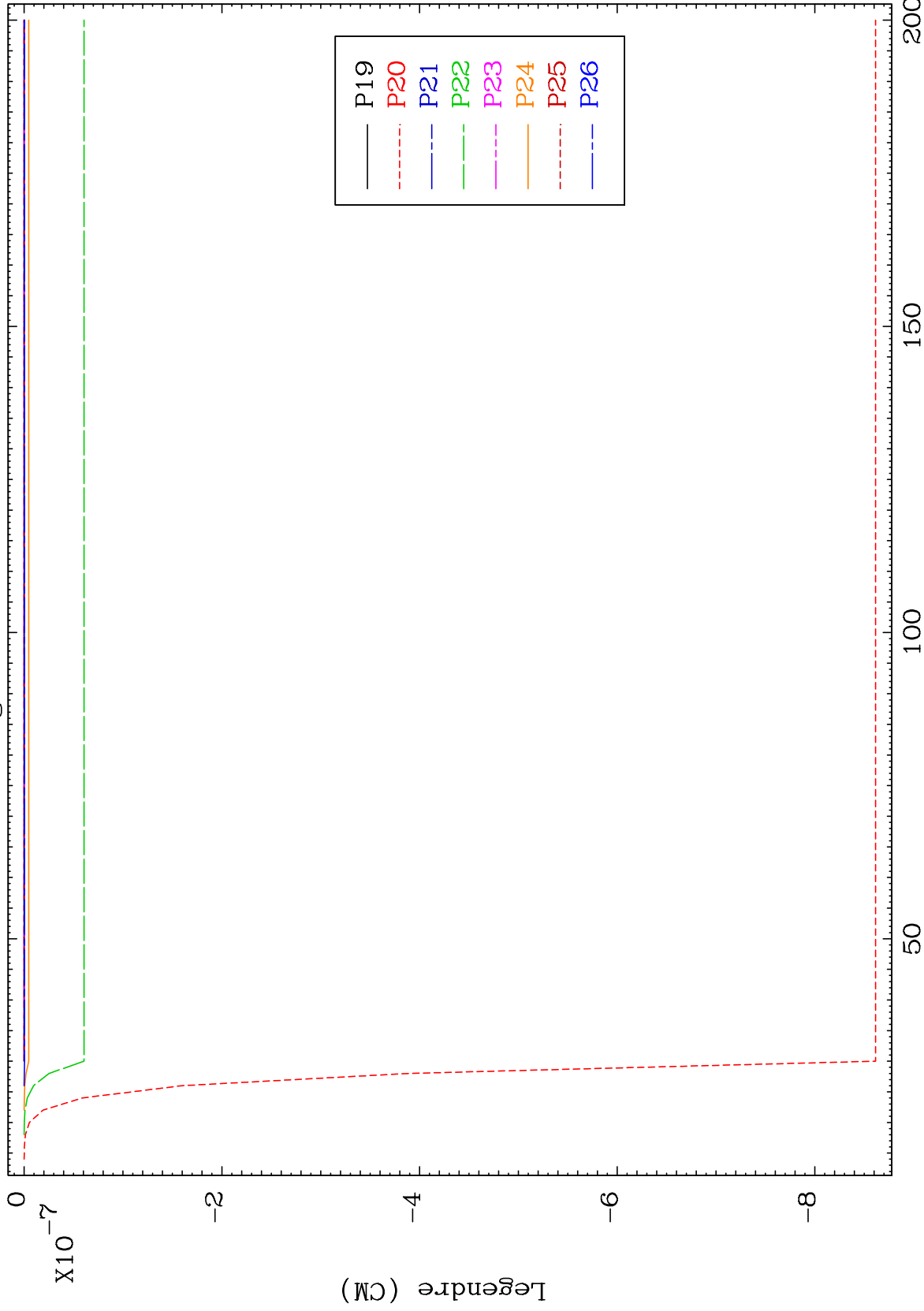
113

36-Kr-82

MAT 3637

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

36-Kr-82



114

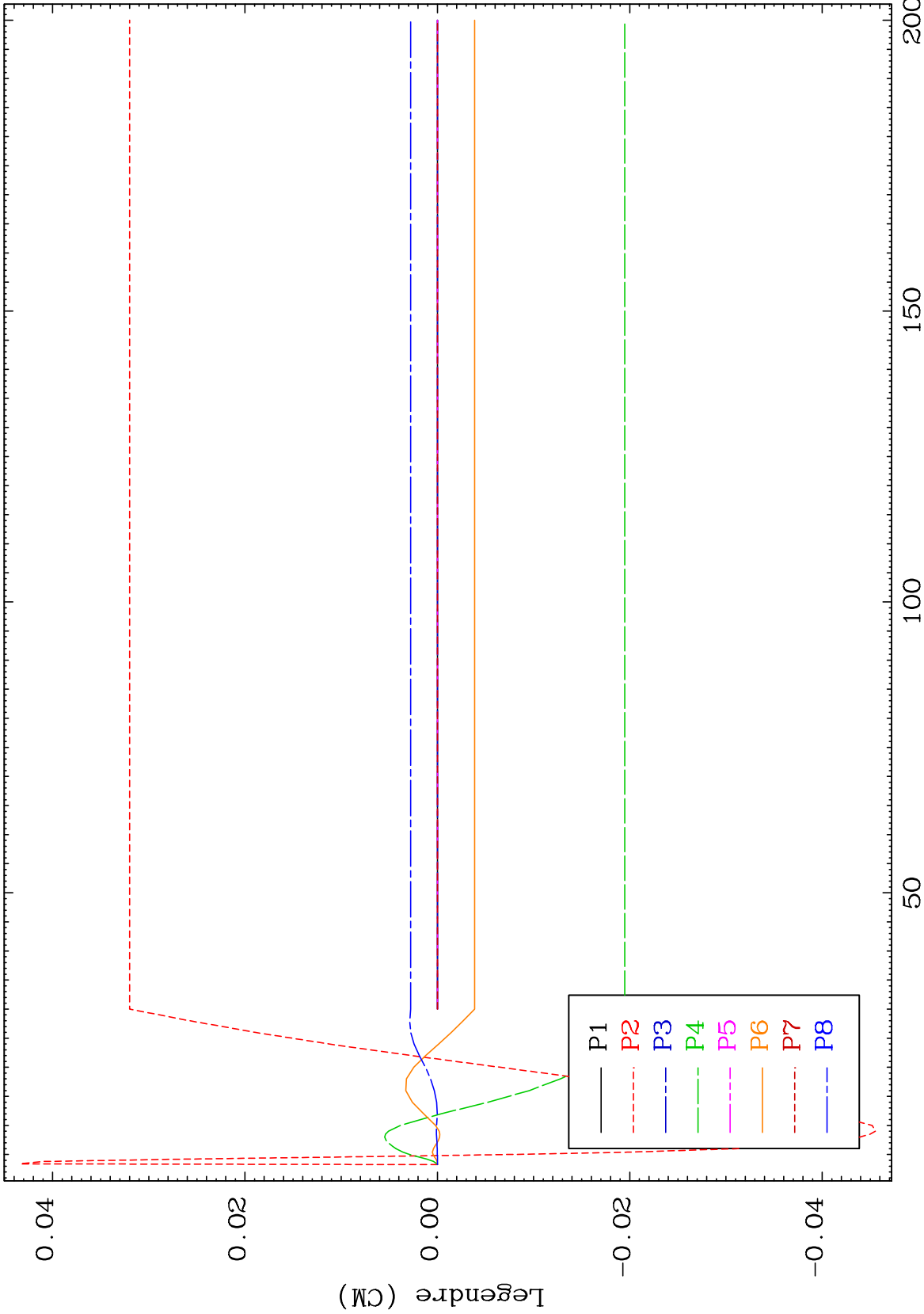
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



115

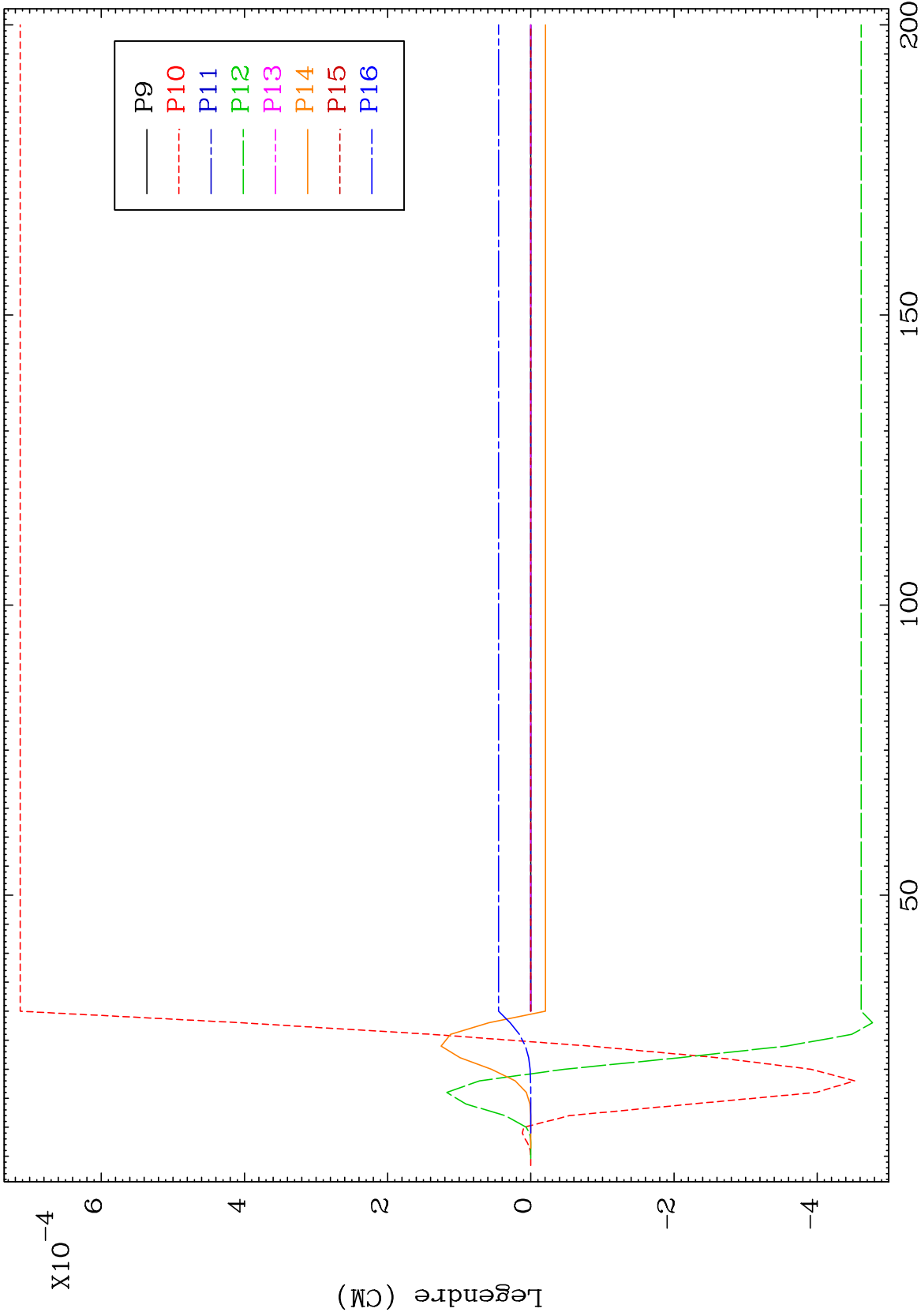
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



116

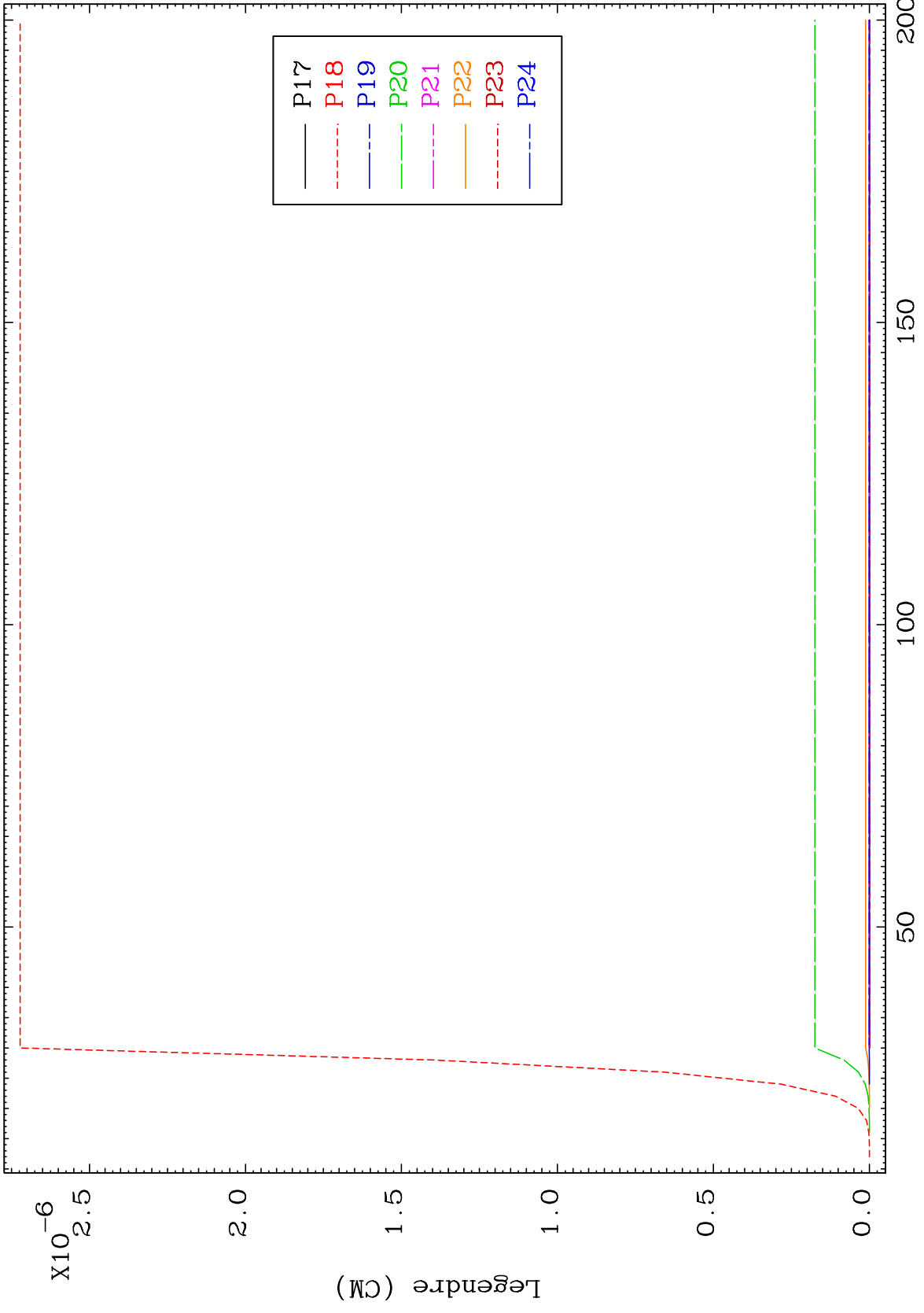
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



117

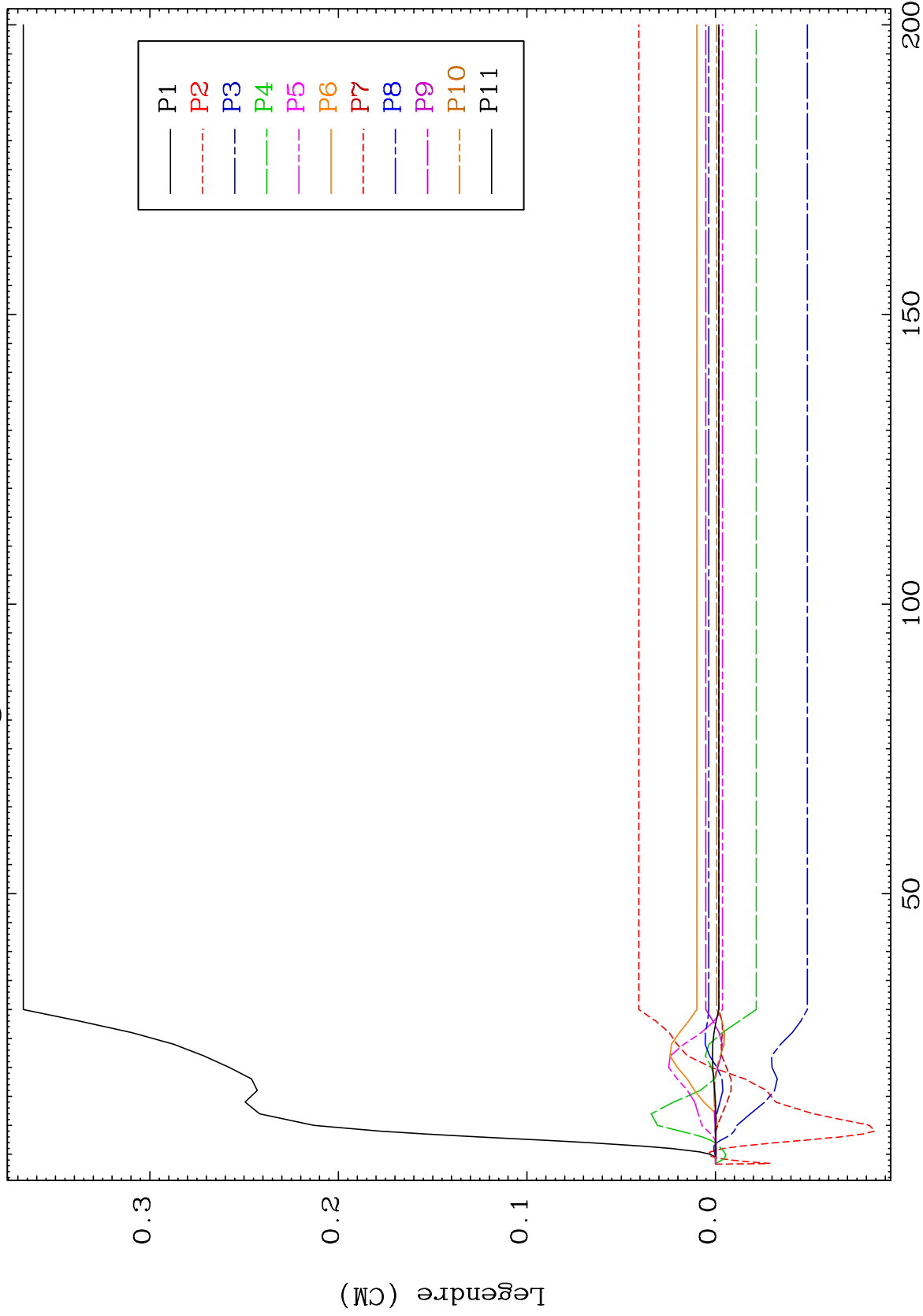
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



118

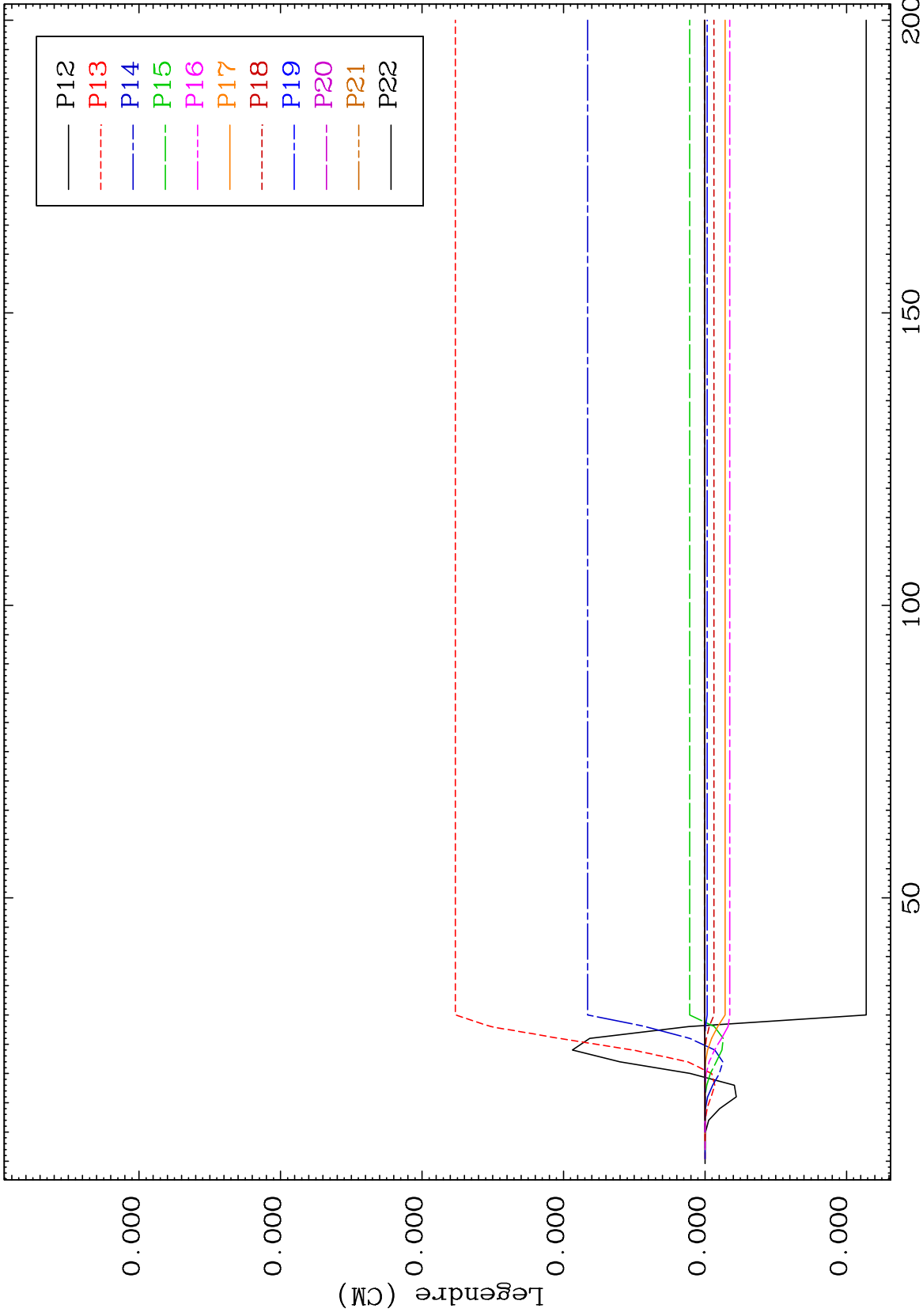
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



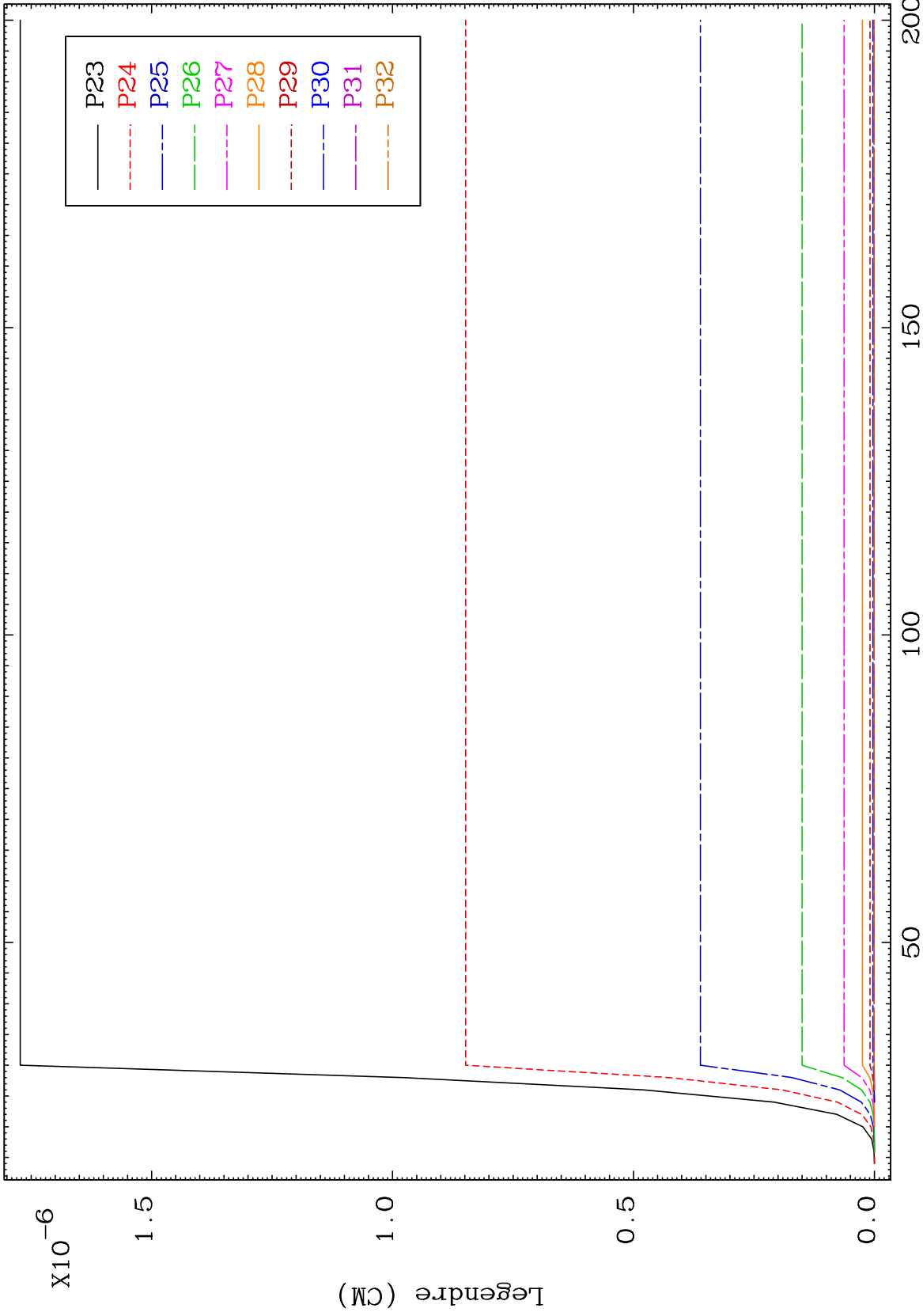
119

36-Kr-82

MAT 3637

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

36-Kr-82



120

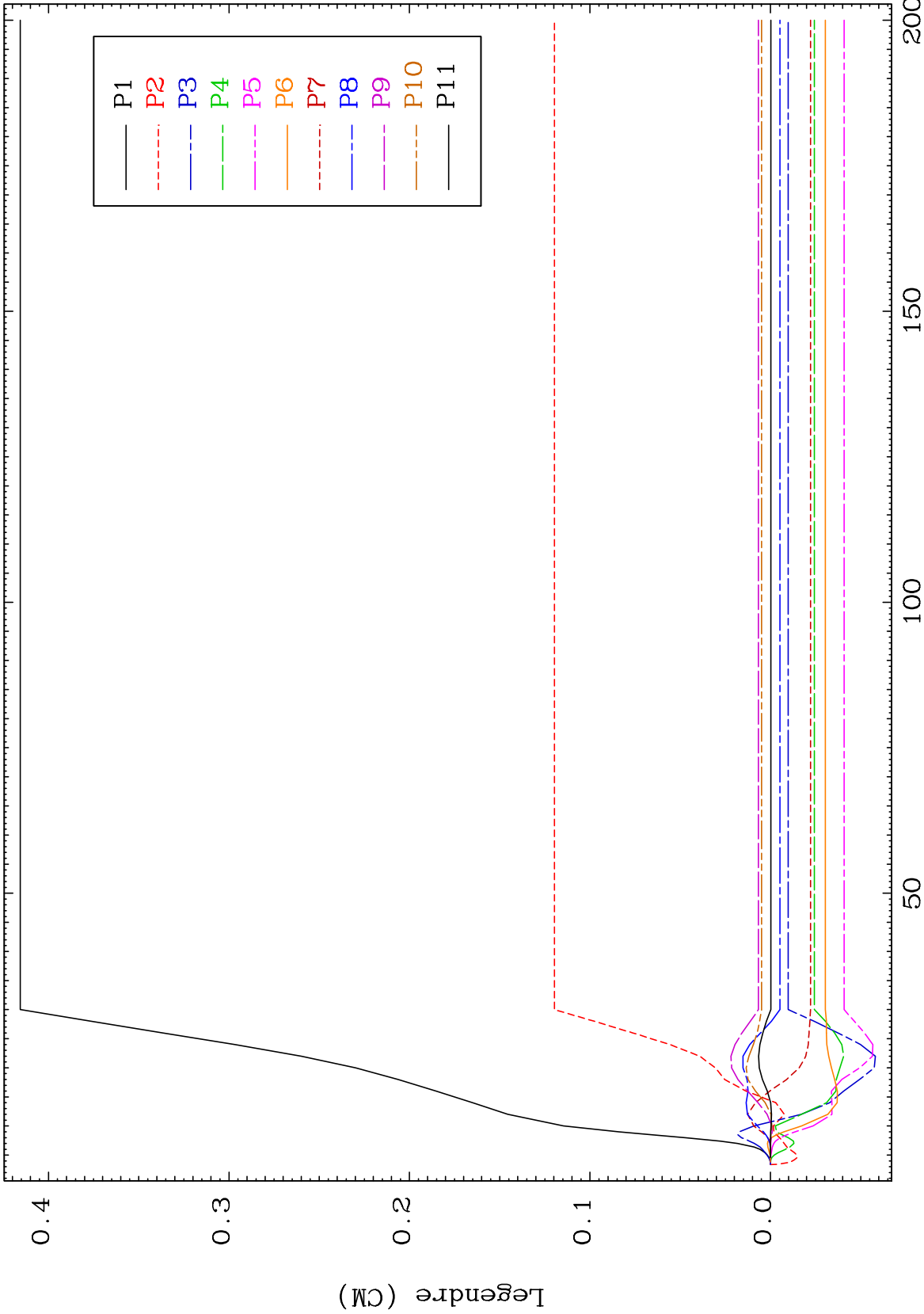
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



121

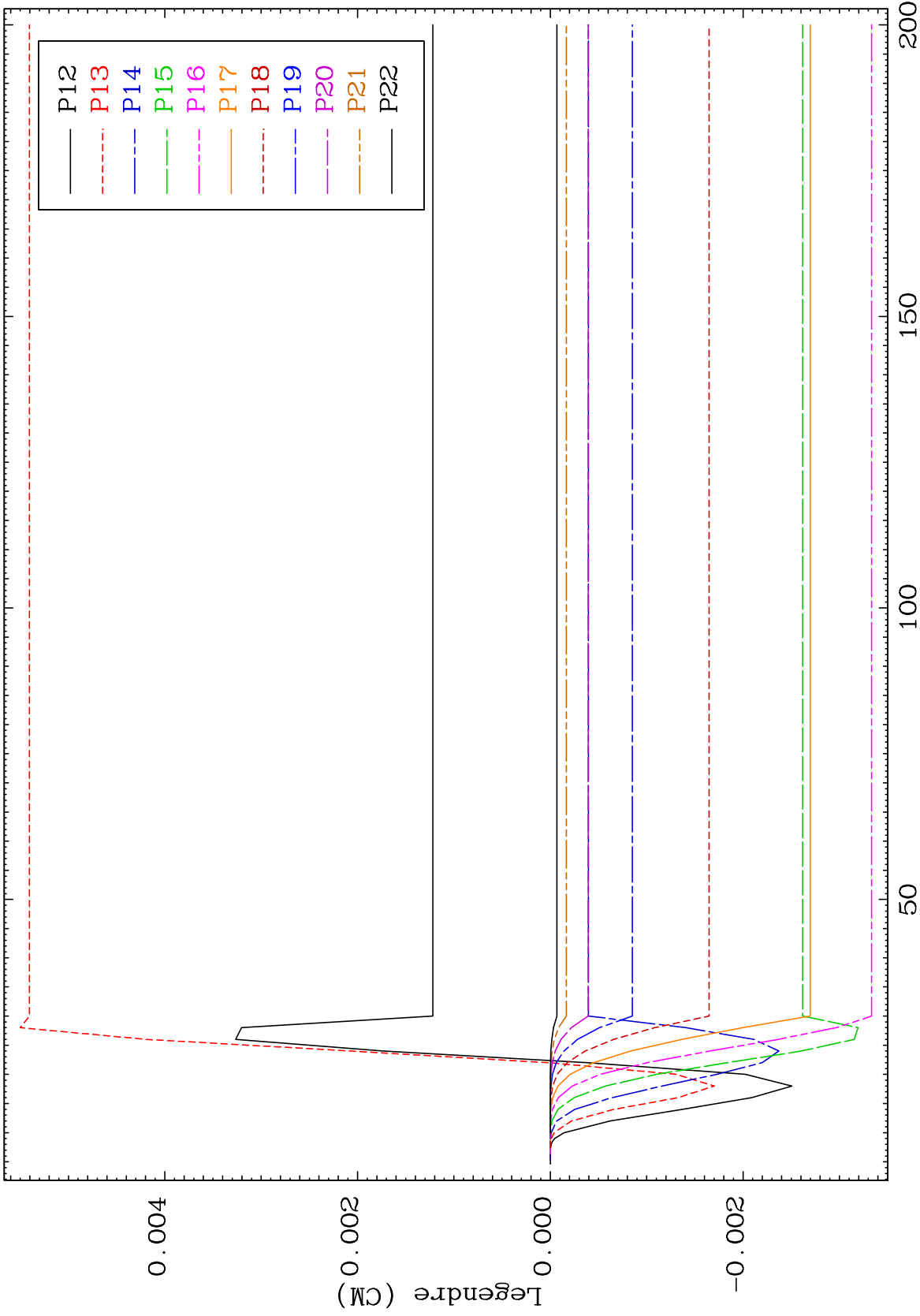
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

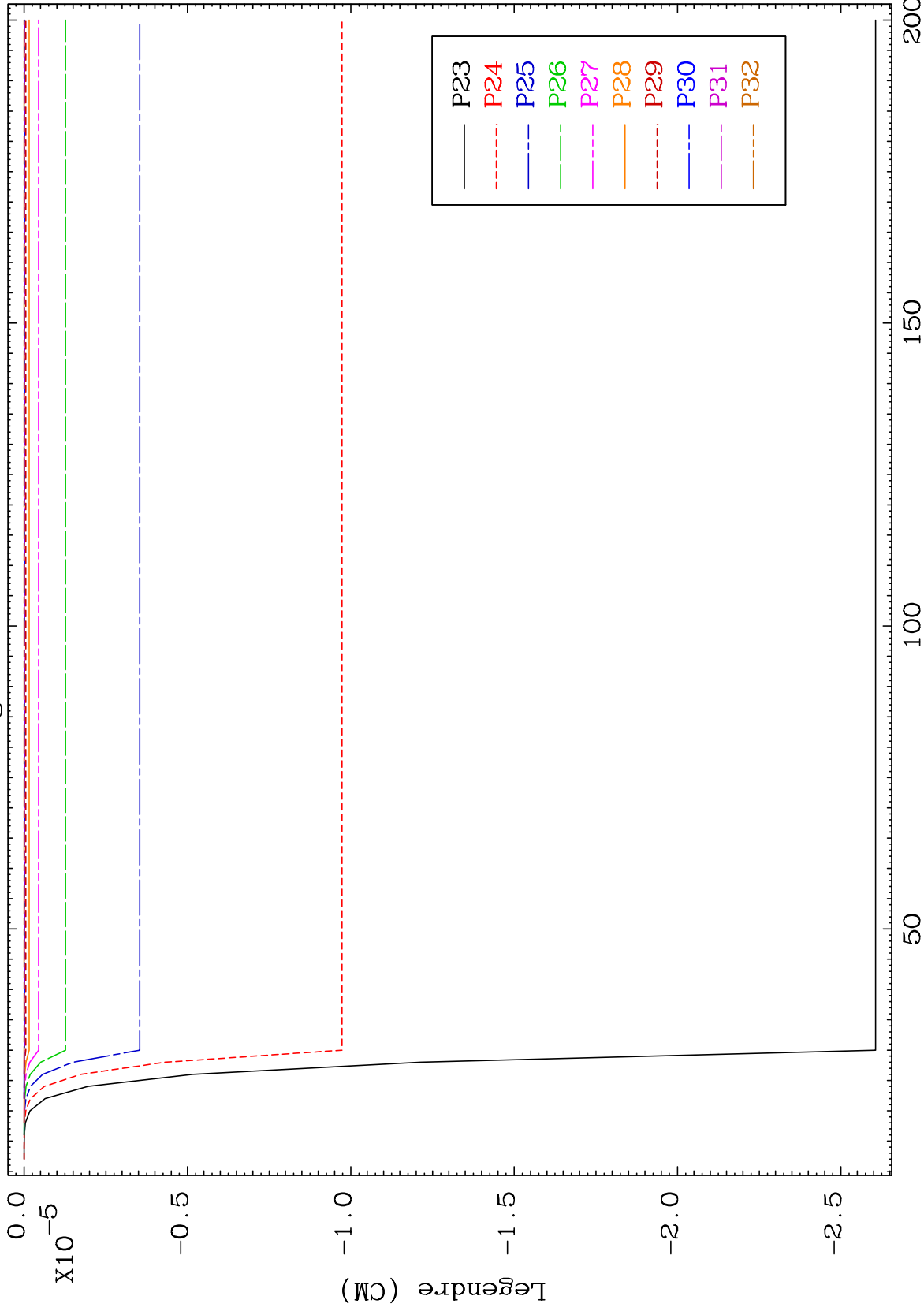
36-Kr-82



122

Incident Energy (MeV)

36-Kr-82

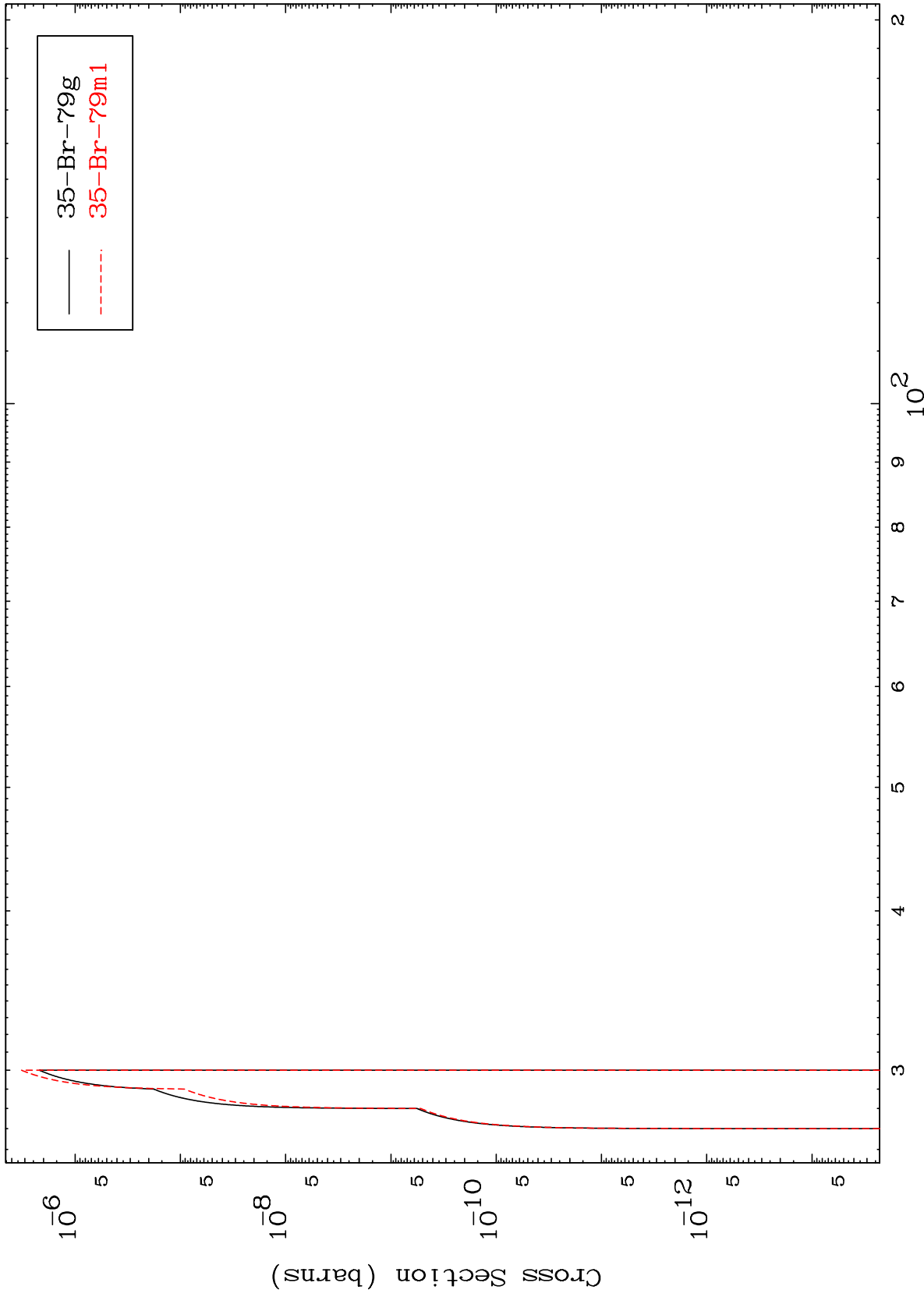


MAT 3637

(n,2n) d

36-Kr-82

Radionuclide Production Cross Section



124

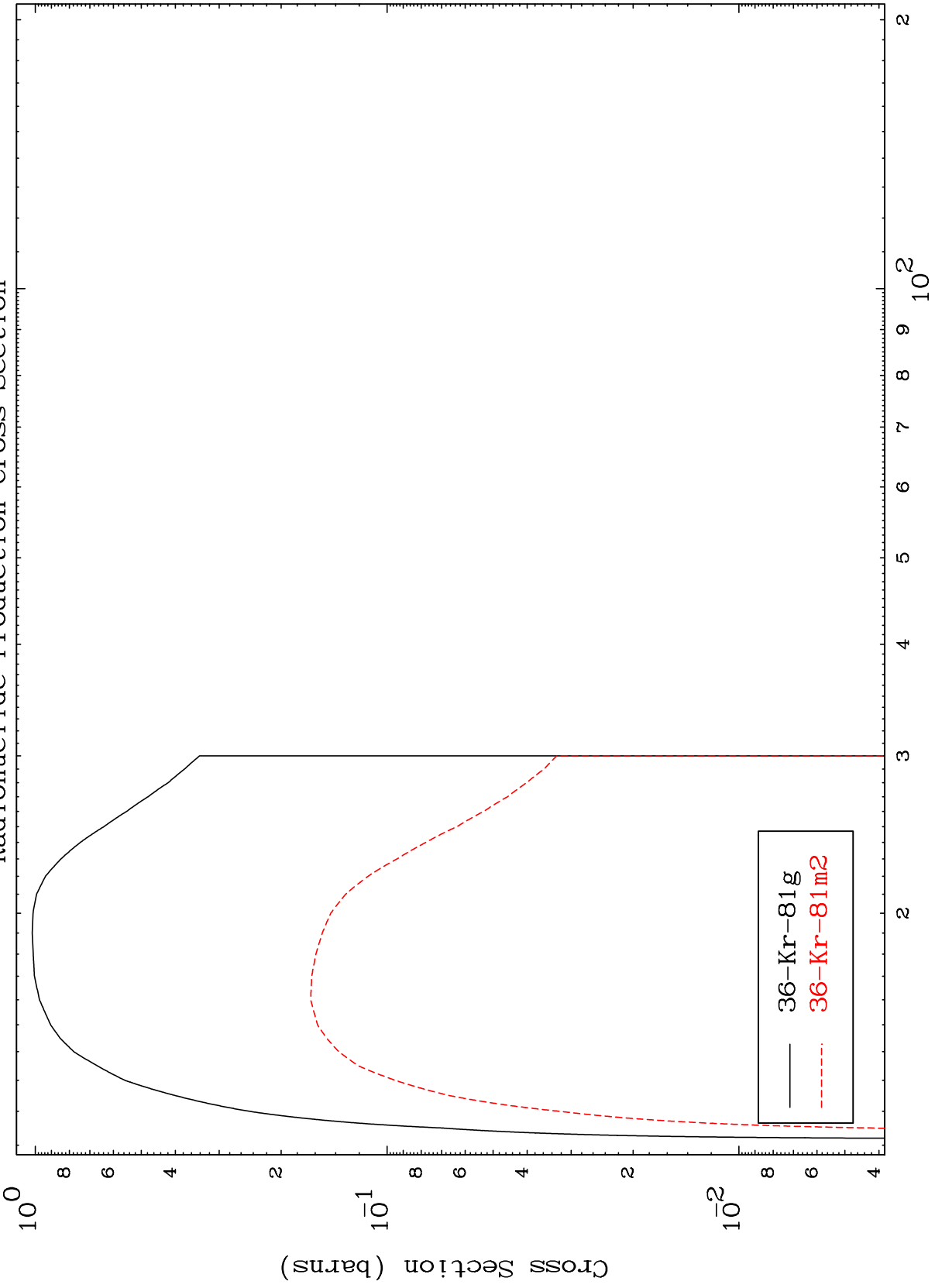
Incident Energy (MeV)

36-Kr-82

MAT 3637

³⁶Kr-82

Radionuclide Production Cross Section



125

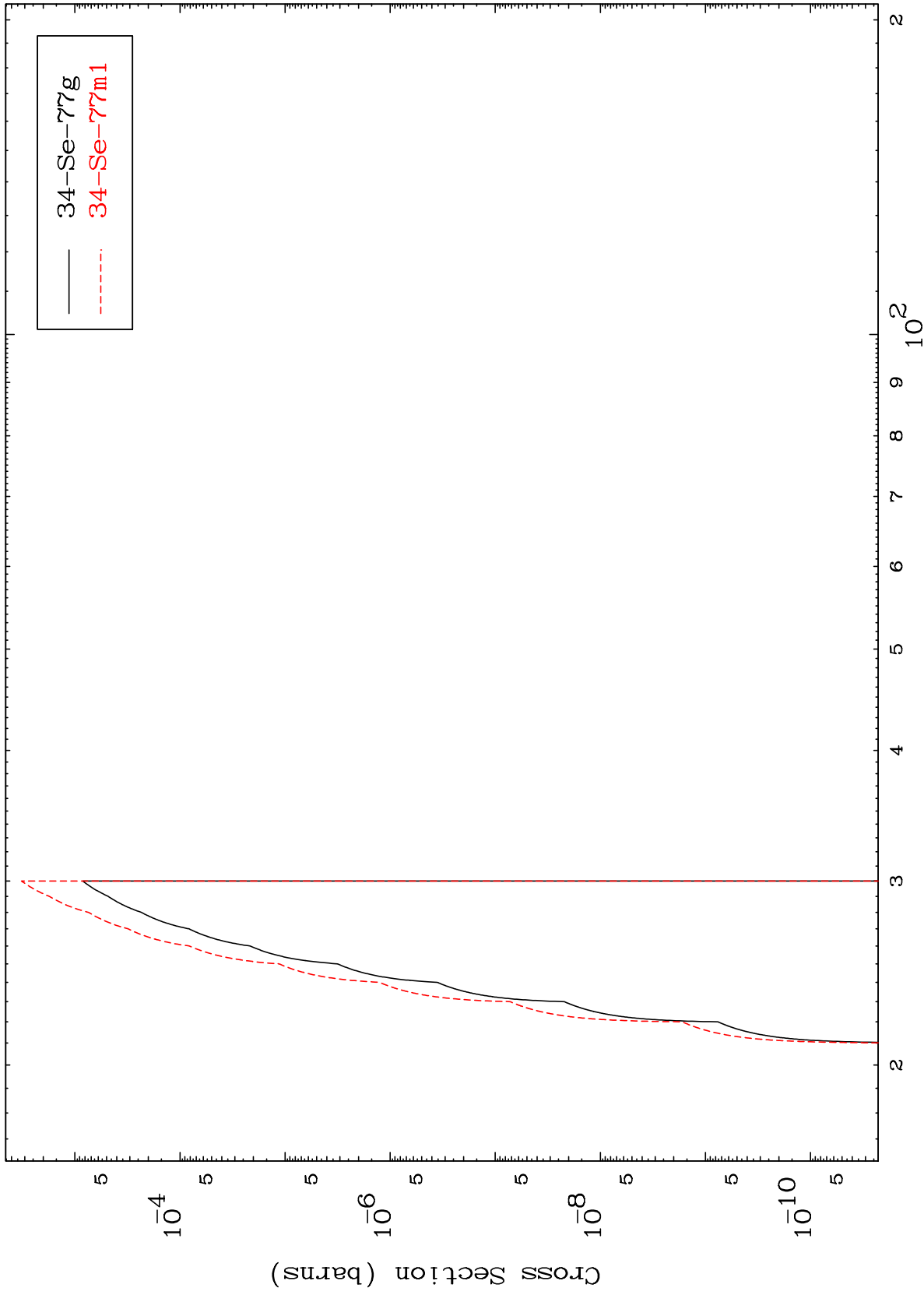
³⁶Kr-82

MAT 3637

(n,2n) α

36-Kr-82

Radionuclide Production Cross Section

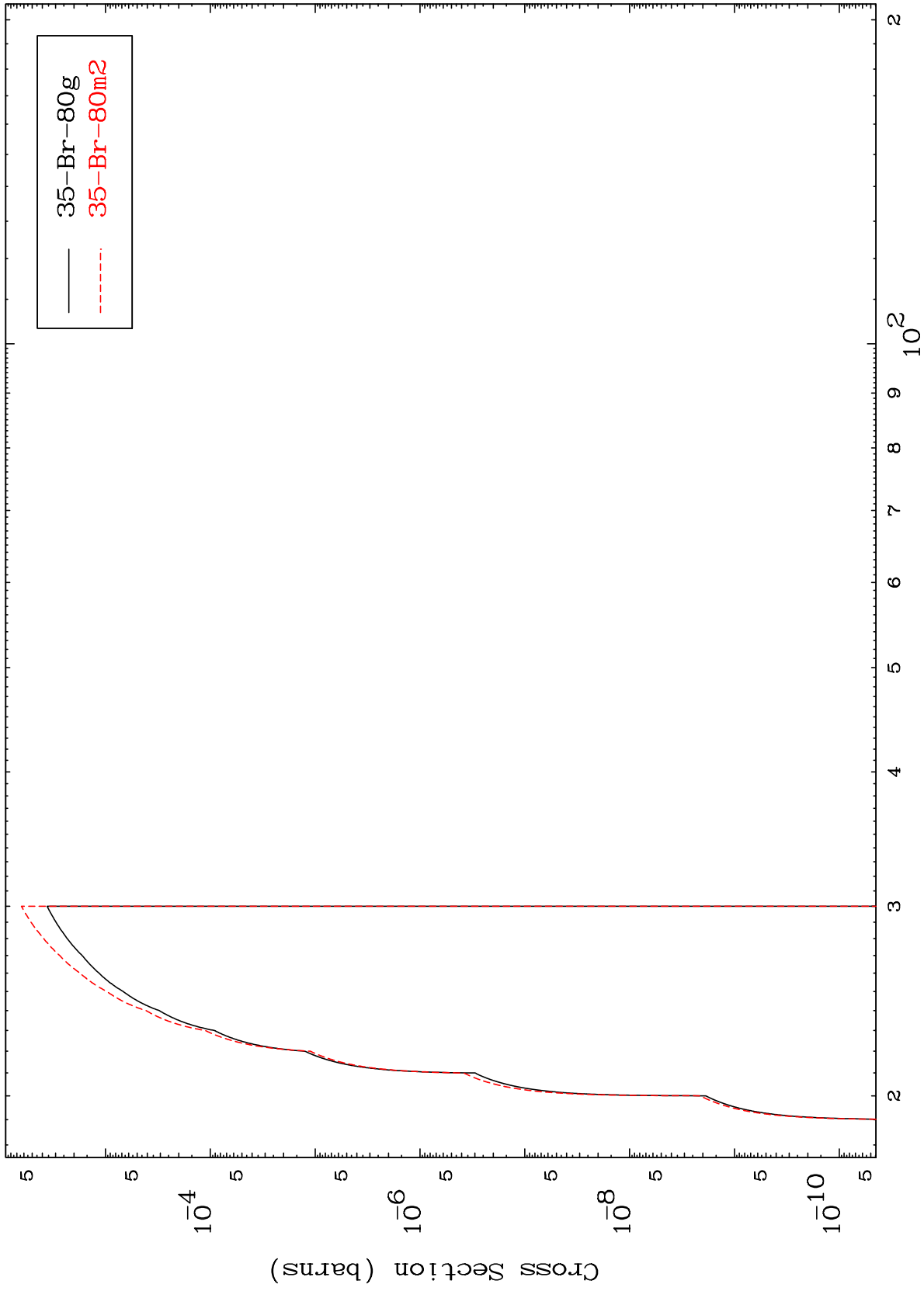


126

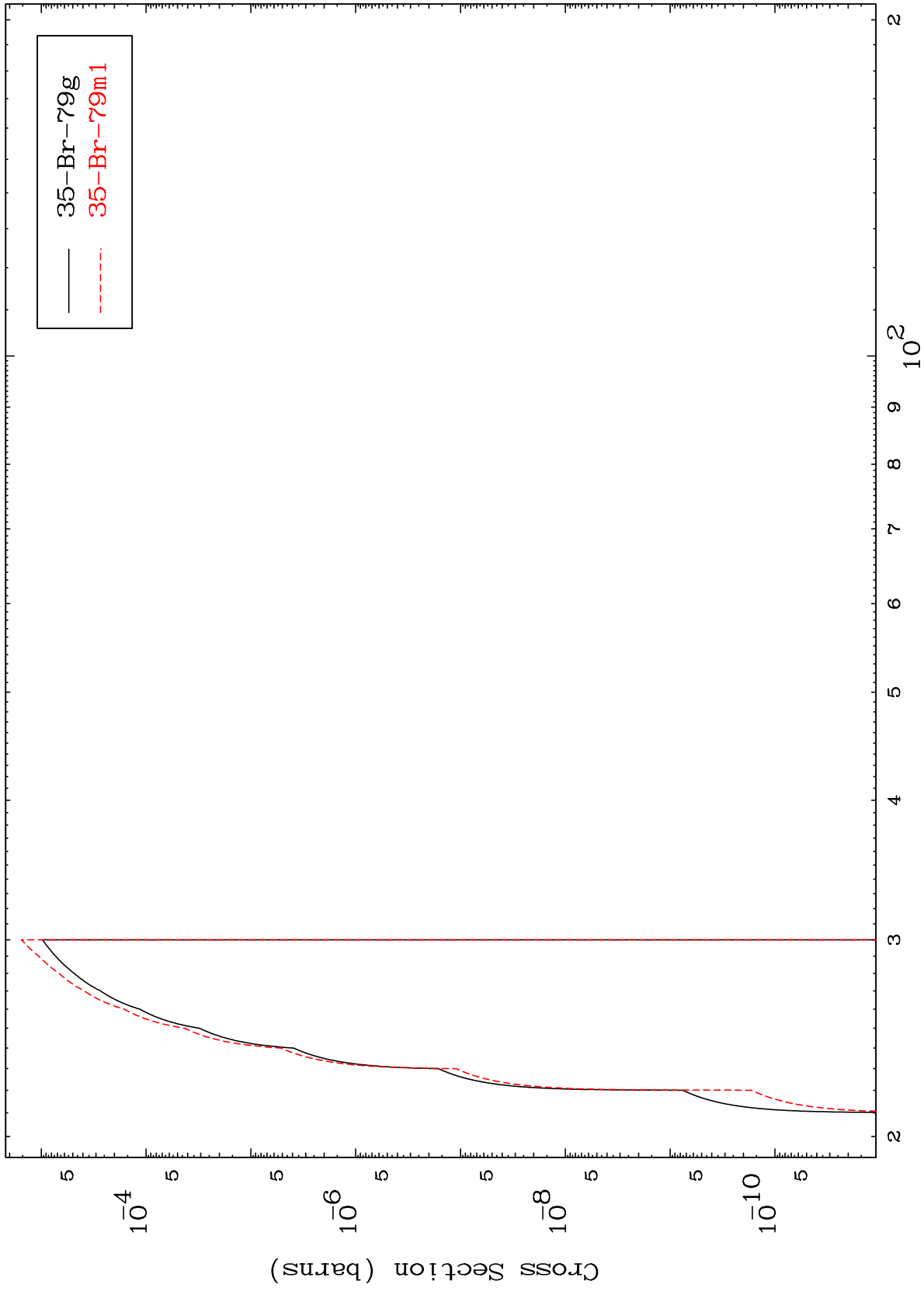
Incident Energy (MeV)

36-Kr-82

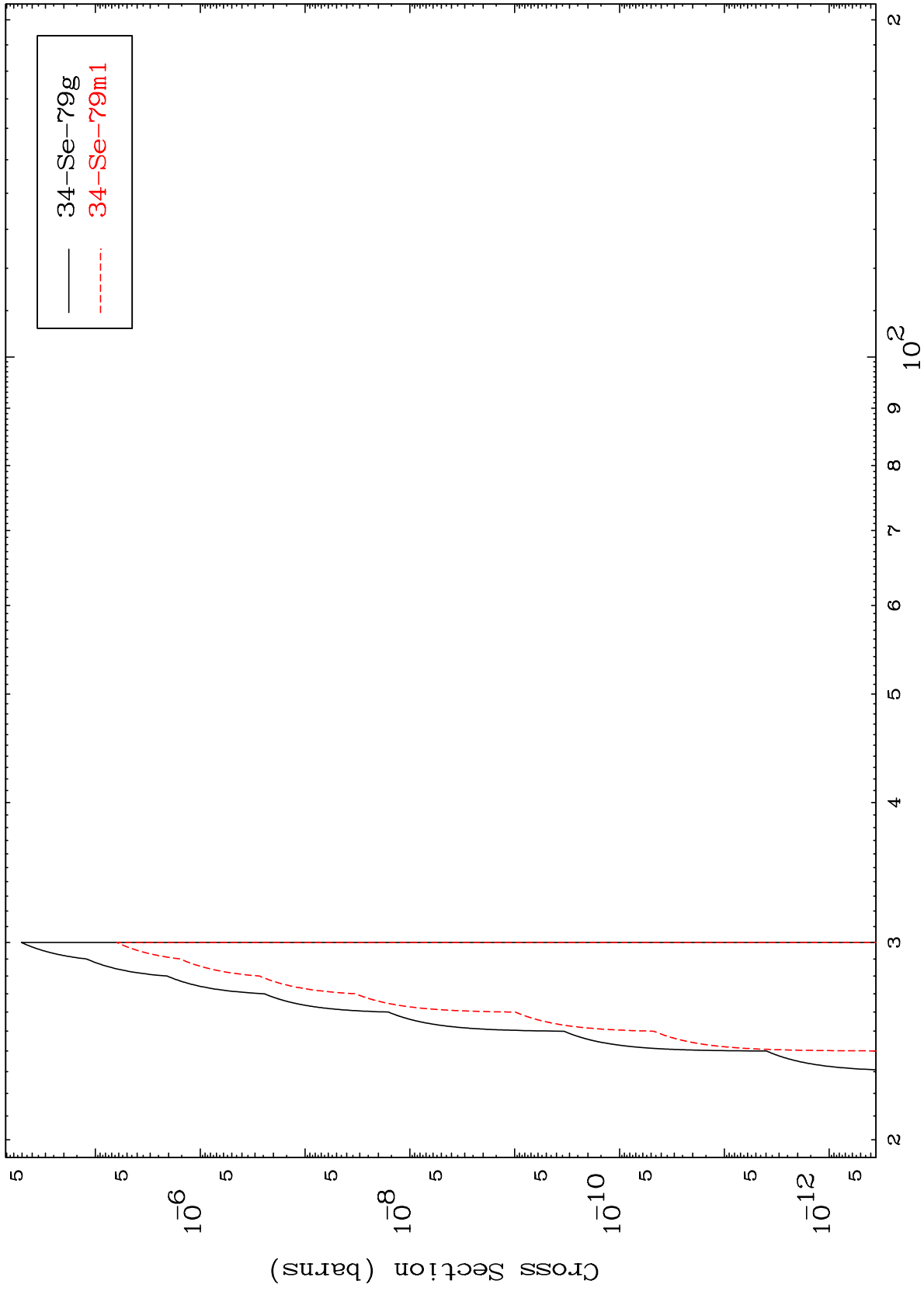
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

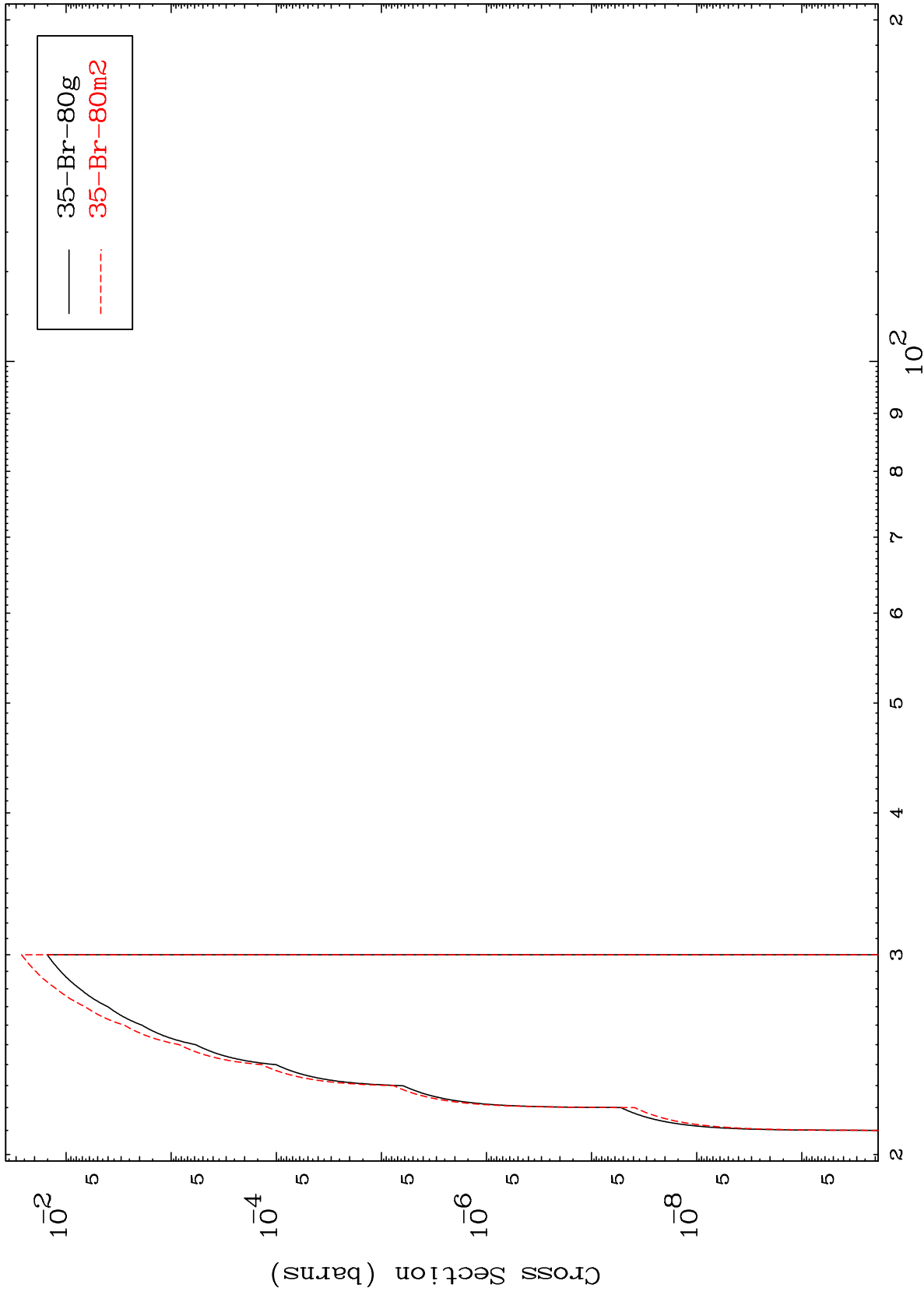


MAT 3637

(n,2n) p

36-Kr-82

Radionuclide Production Cross Section



130

Incident Energy (MeV)

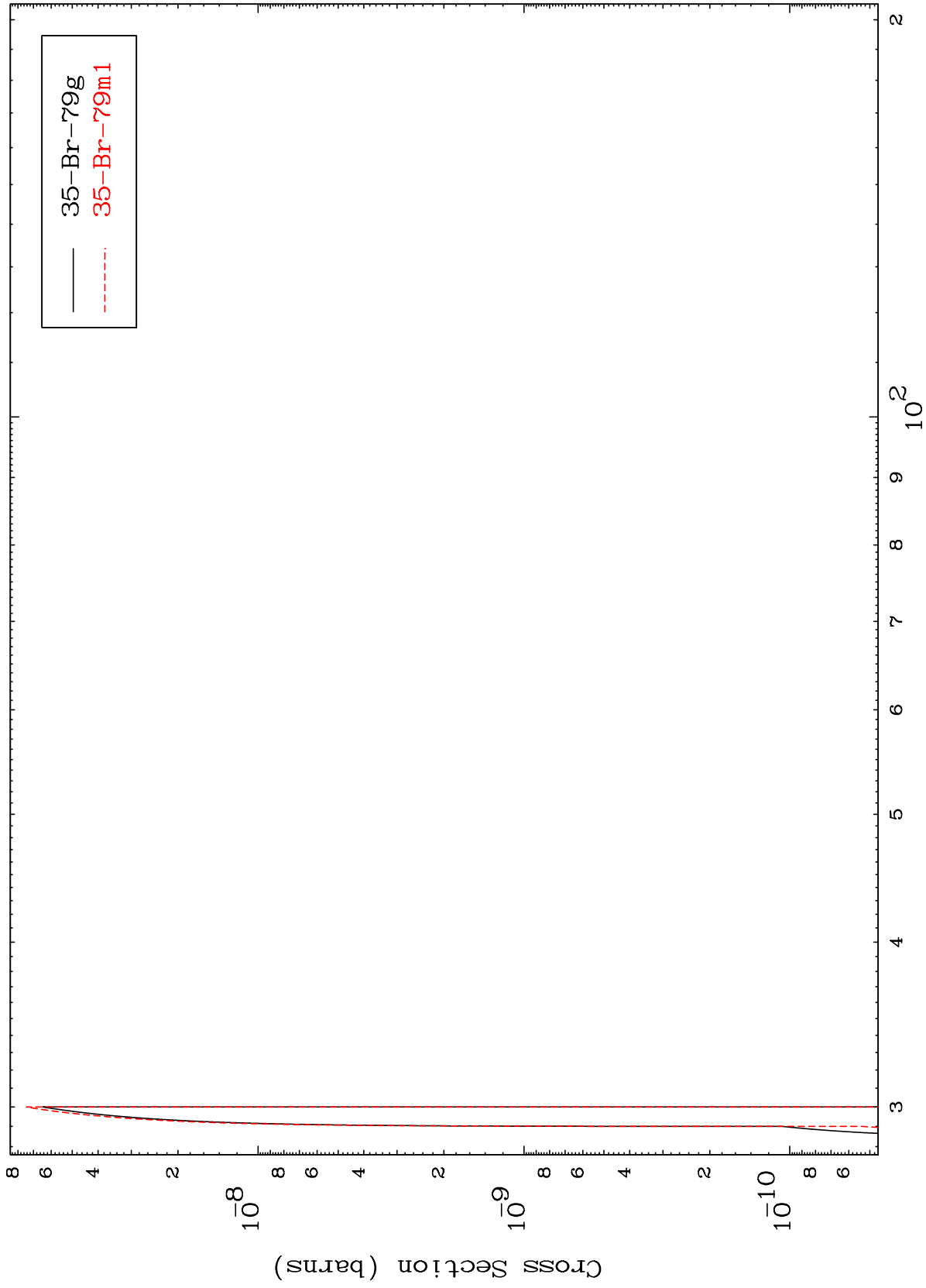
36-Kr-82

MAT 3637

(n,3n) p

36-Kr-82

Radionuclide Production Cross Section



131

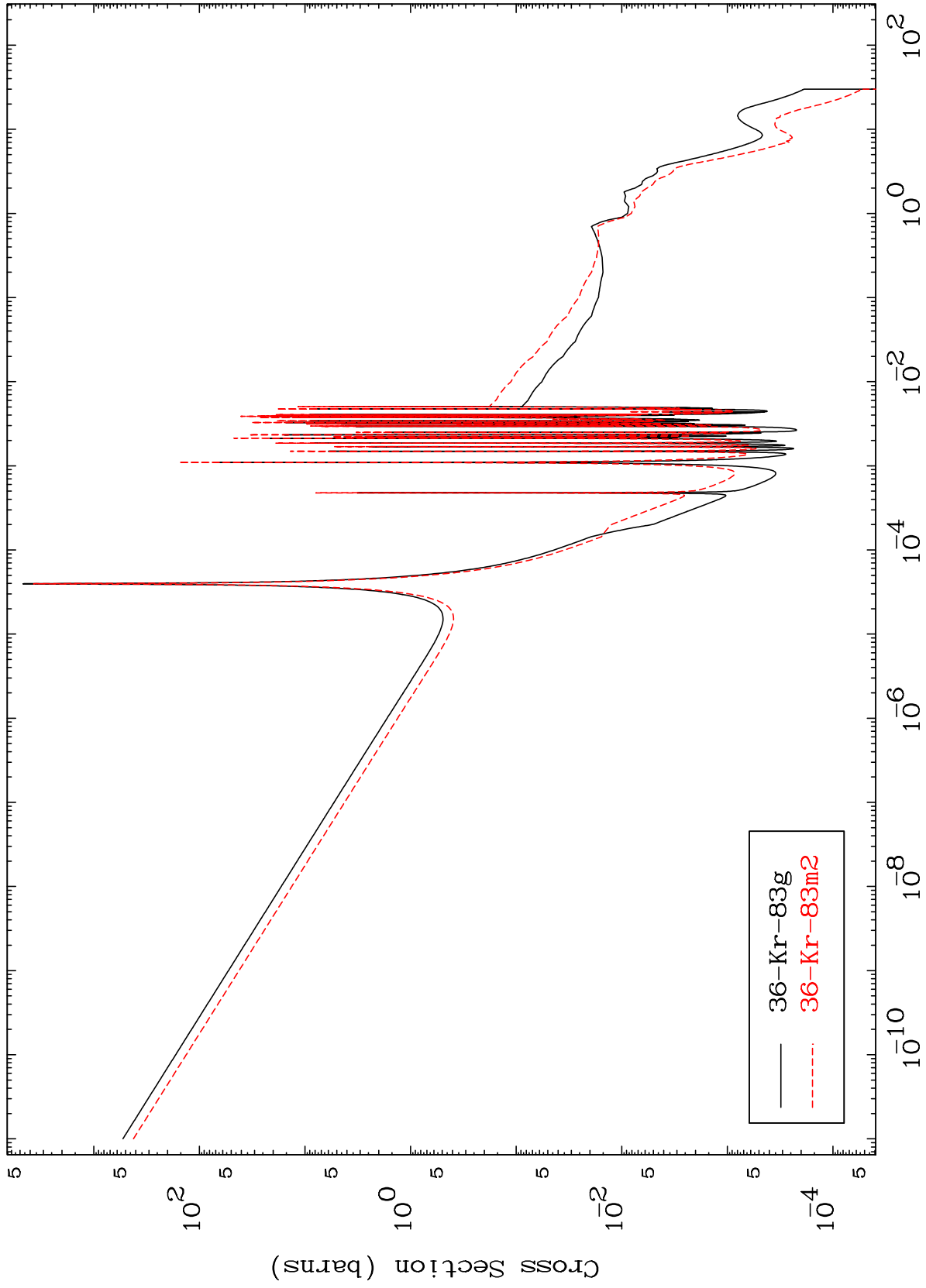
Incident Energy (MeV)

36-Kr-82

MAT 3637

³⁶Kr-82

(n,γ)
Radionuclide Production Cross Section



³⁶Kr-82

Incident Energy (MeV)

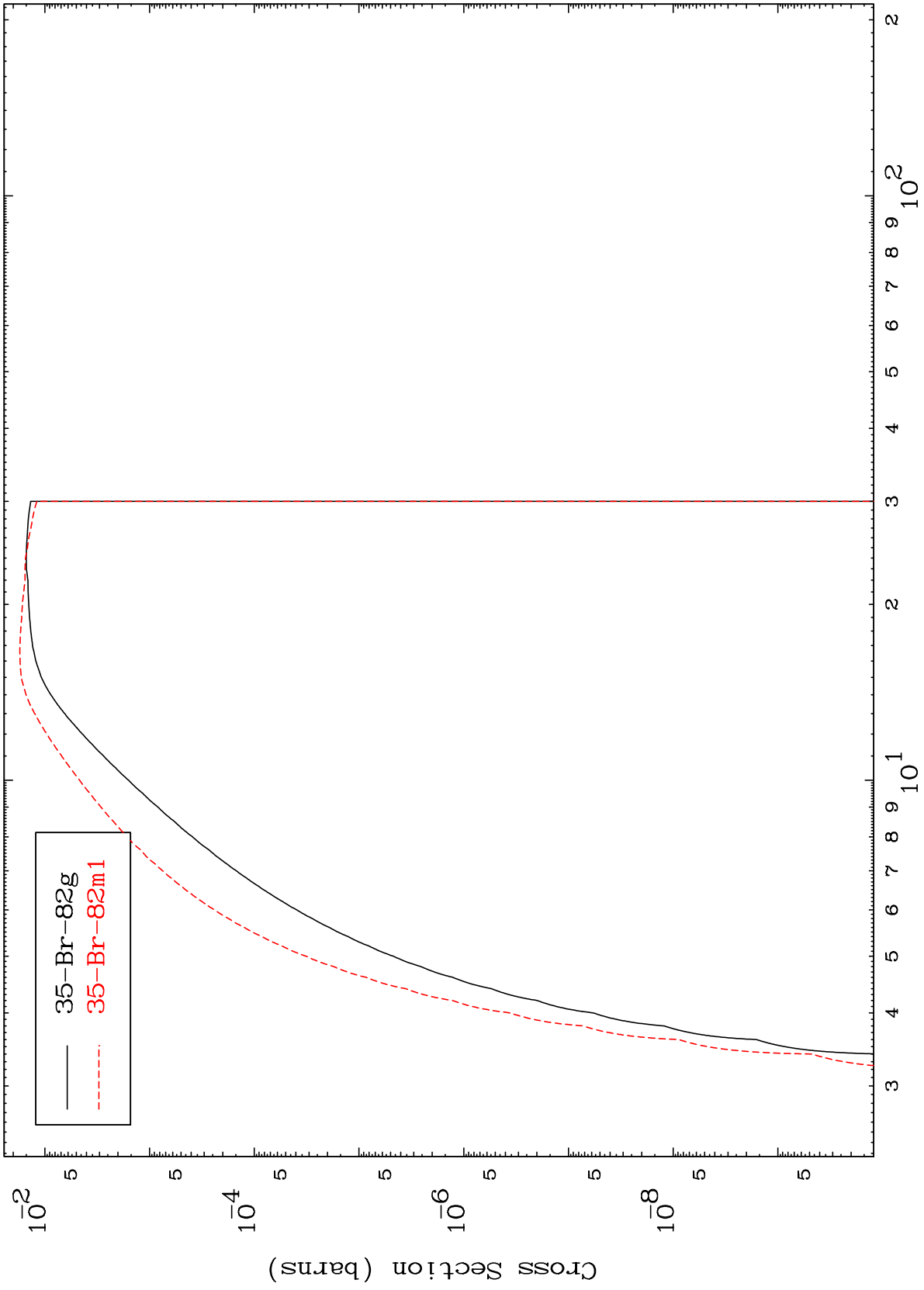
— 36-Kr-83g
- - - 36-Kr-83m2

132

MAT 3637

36-Kr-82

(n,p)
Radionuclide Production Cross Section



133

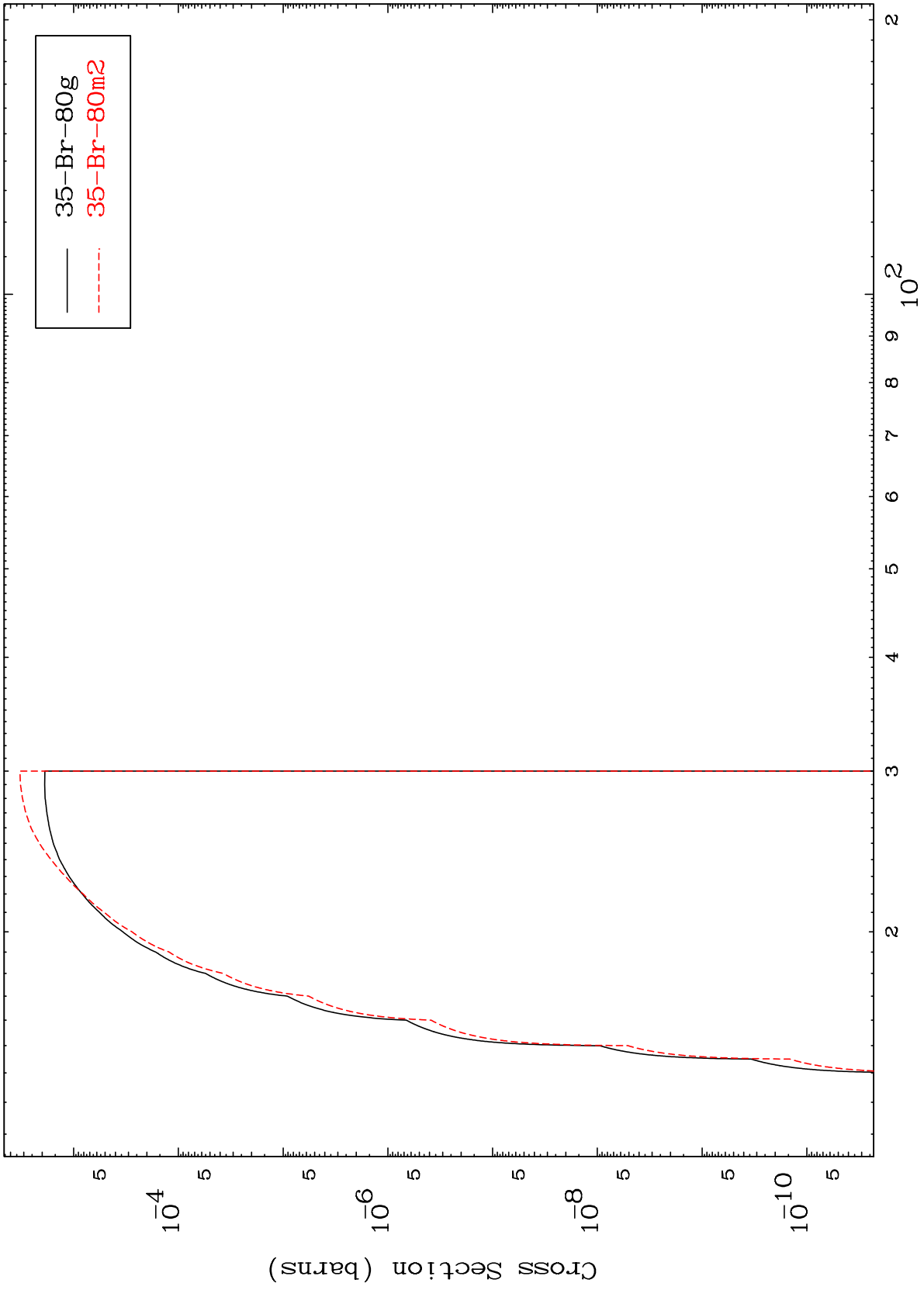
Incident Energy (MeV)

36-Kr-82

MAT 3637

36-Kr-82

(n, t)
Radionuclide Production Cross Section



134

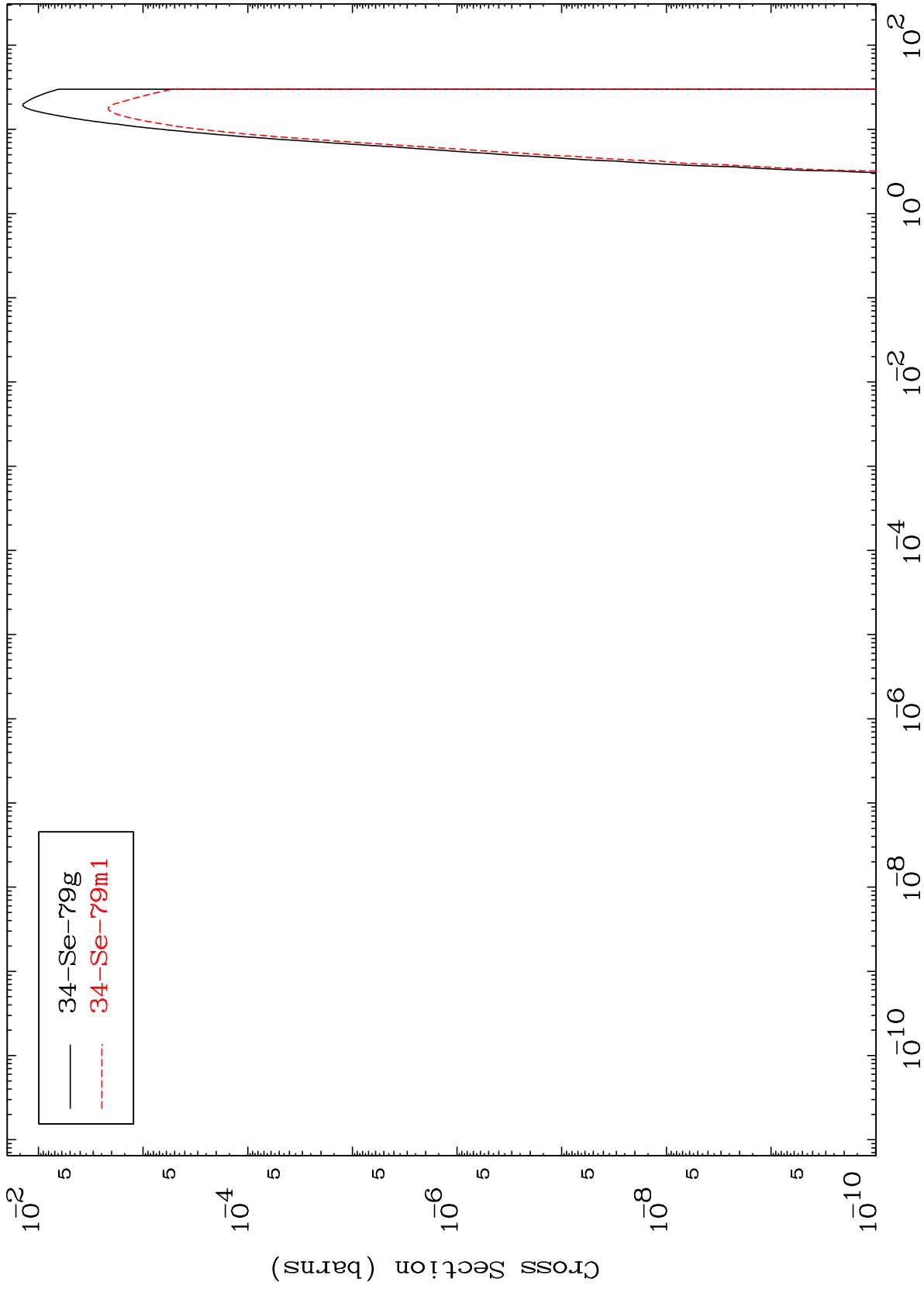
36-Kr-82

MAT 3637

(n, α)

³⁶Kr-82

Radionuclide Production Cross Section



135

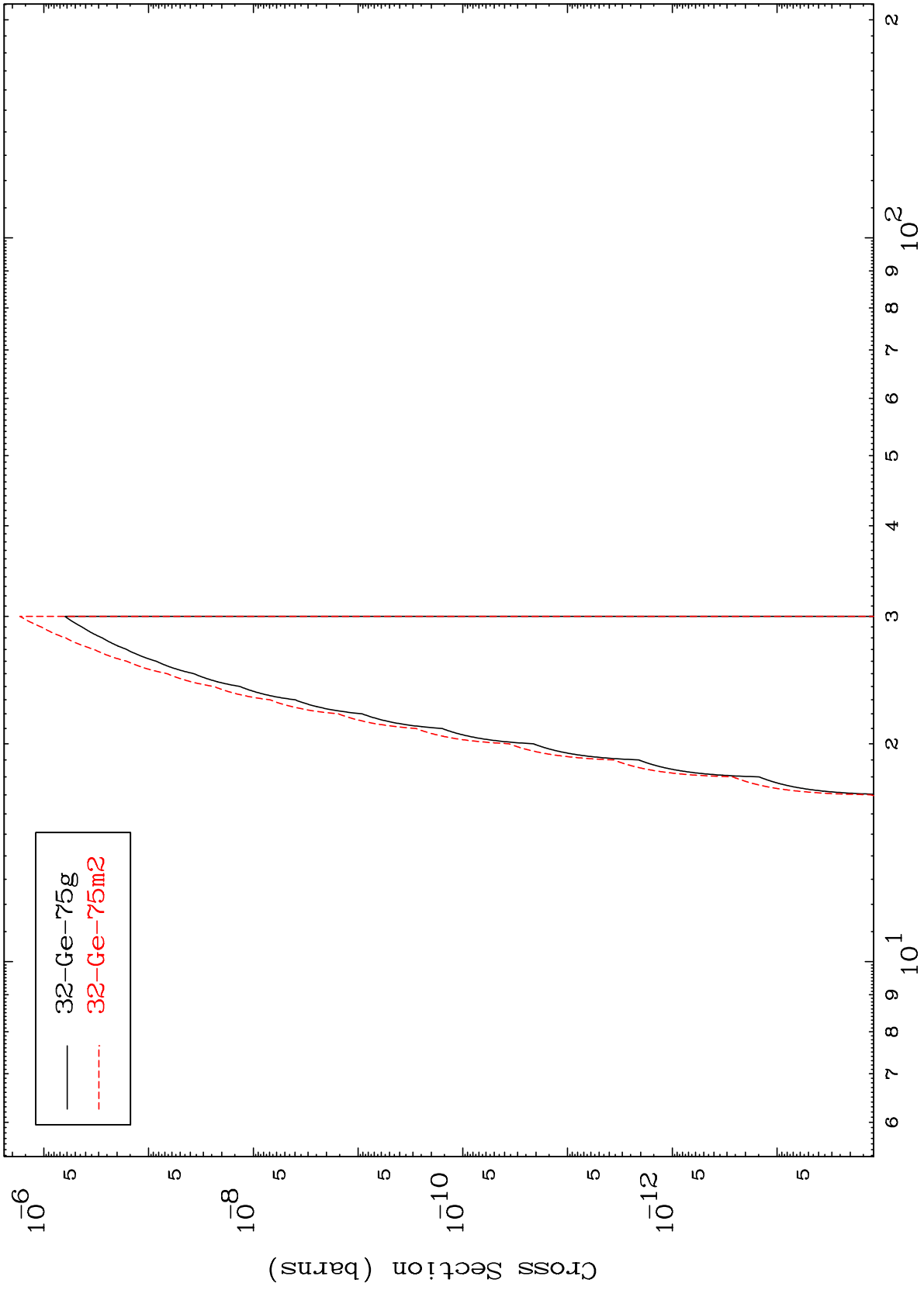
Incident Energy (MeV)

³⁶Kr-82

MAT 3637

36-Kr-82

Radionuclide Production Cross Section



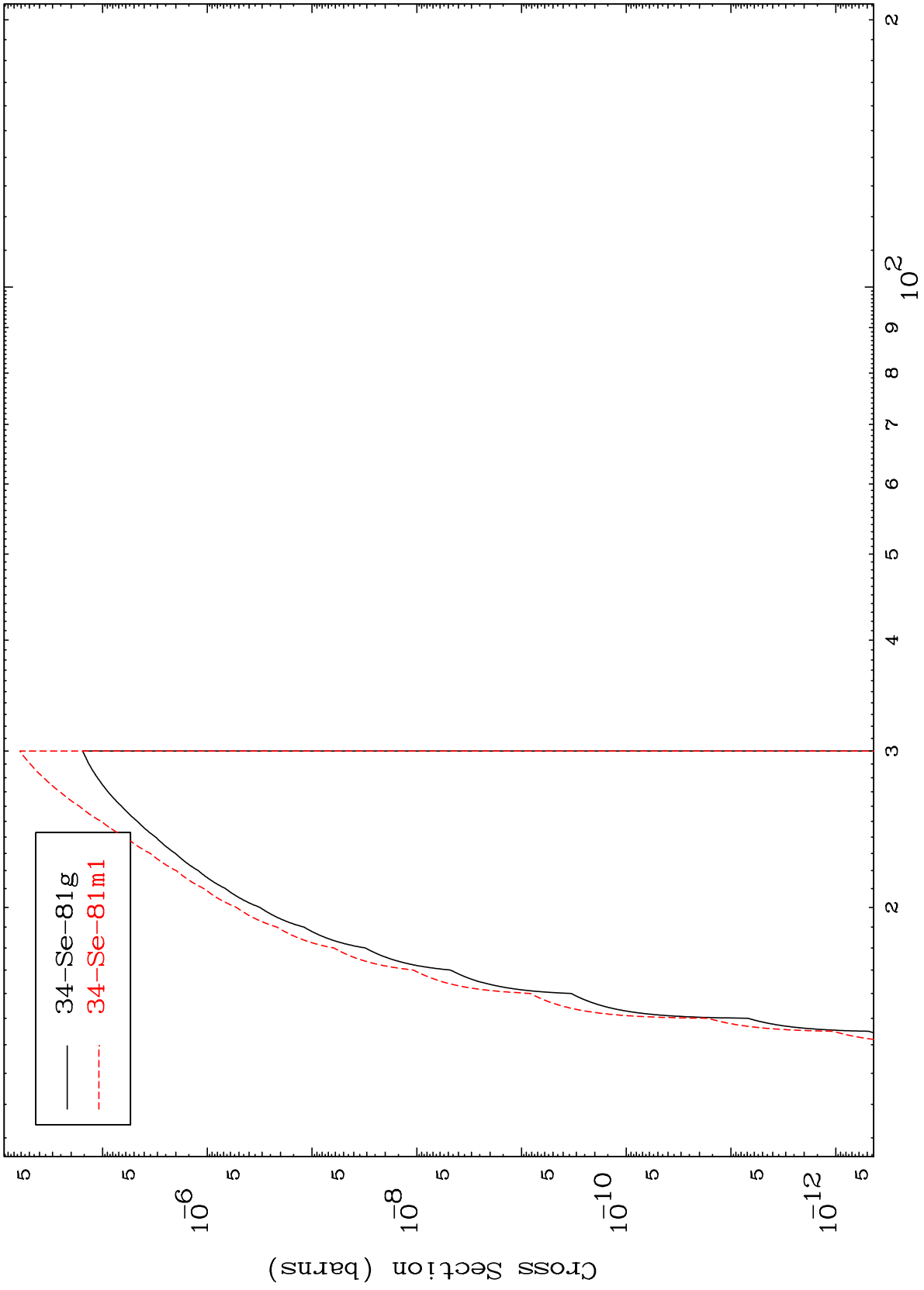
136

36-Kr-82

MAT 3637

36-Kr-82

Radionuclide Production Cross Section
(n,2p)



137

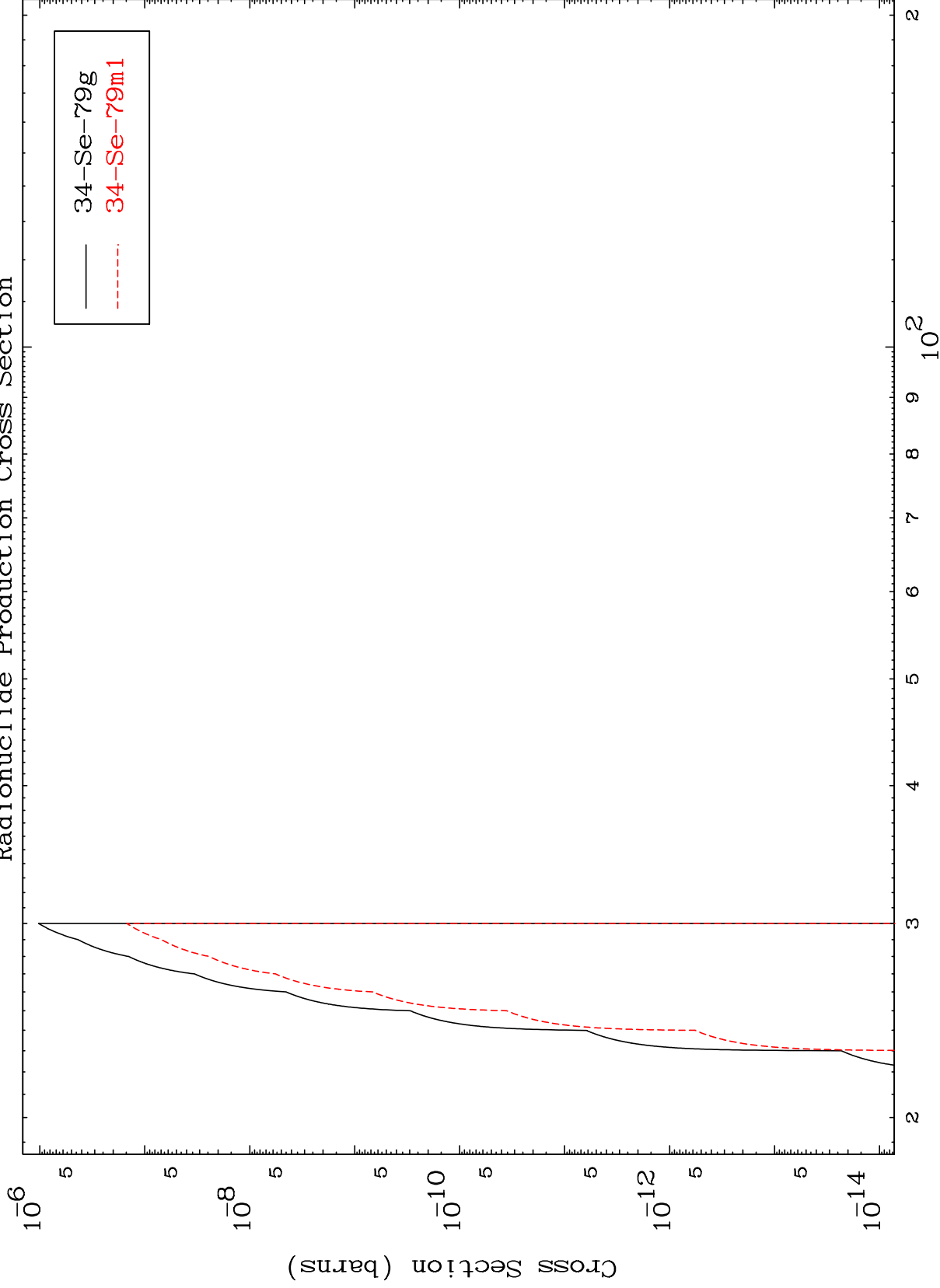
36-Kr-82

MAT 3637

(n,p) t

36-Kr-82

Radionuclide Production Cross Section



138

Incident Energy (MeV)

36-Kr-82