

Program EVALPLOT
(Version 2018-1)

by

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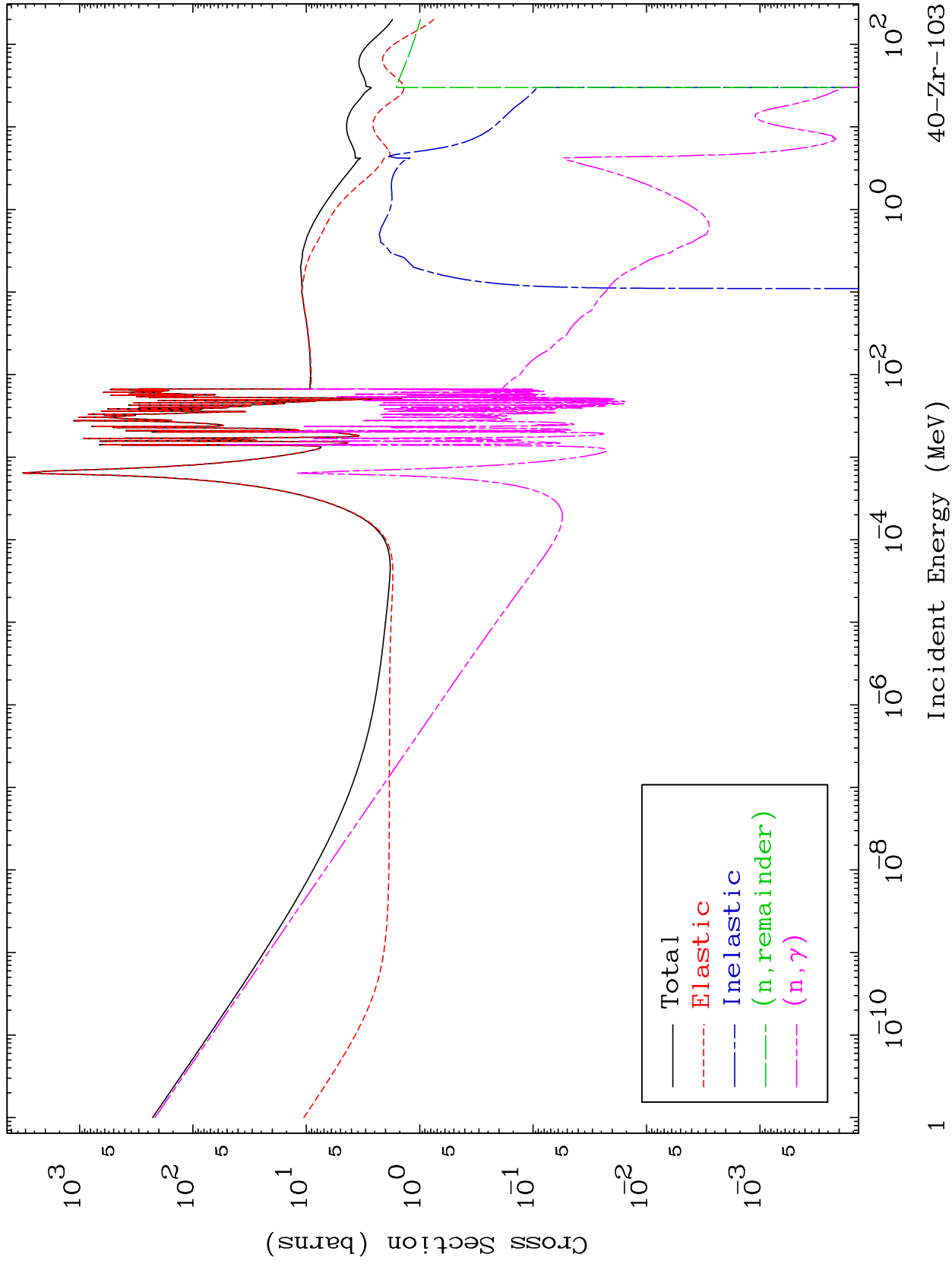
Press Mouse Button to Start

MAT 4064

Major

293 Kelvin Cross Sections

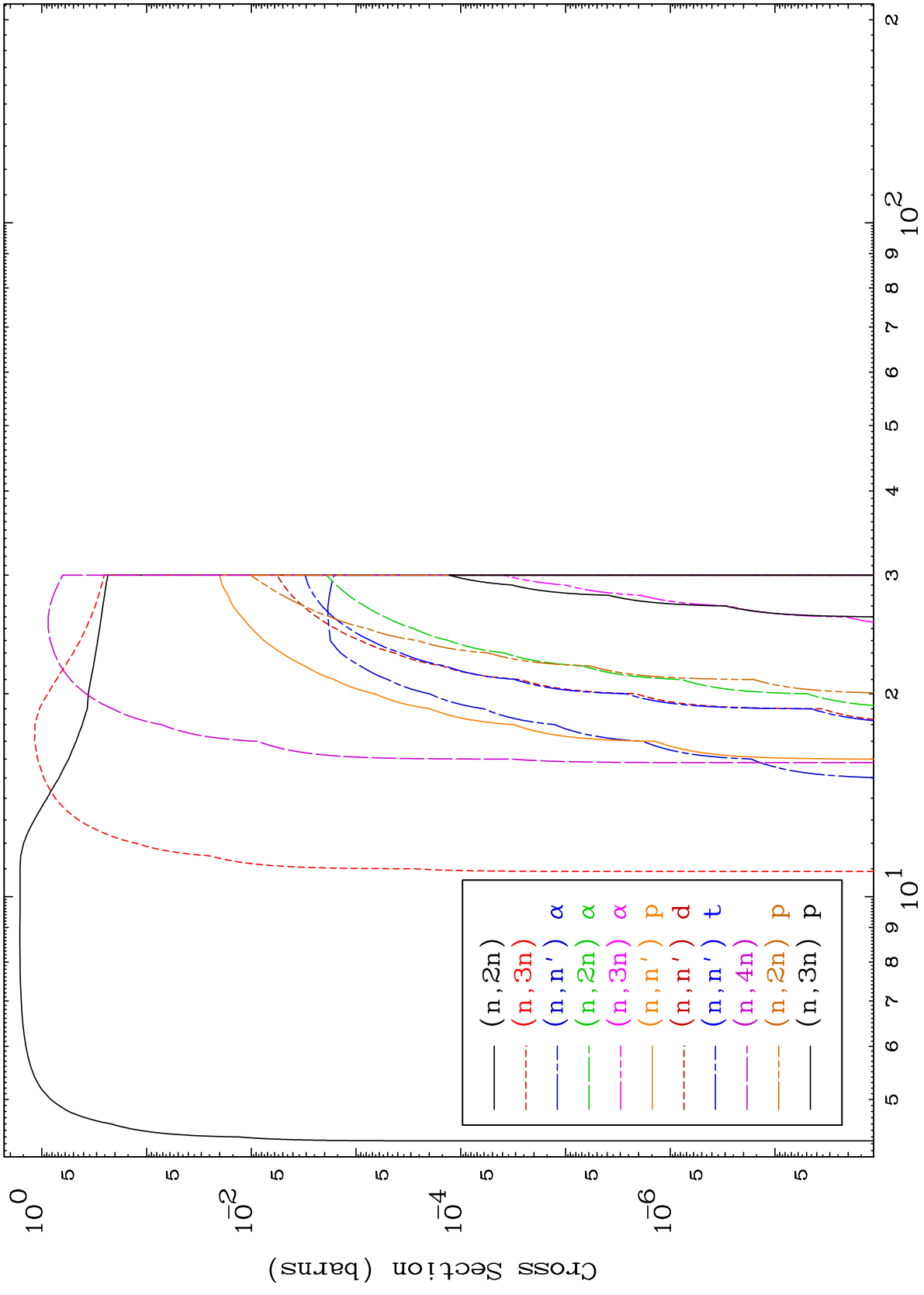
40-Zr-103



MAT 4064

Neutron Production
293 Kelvin Cross Sections

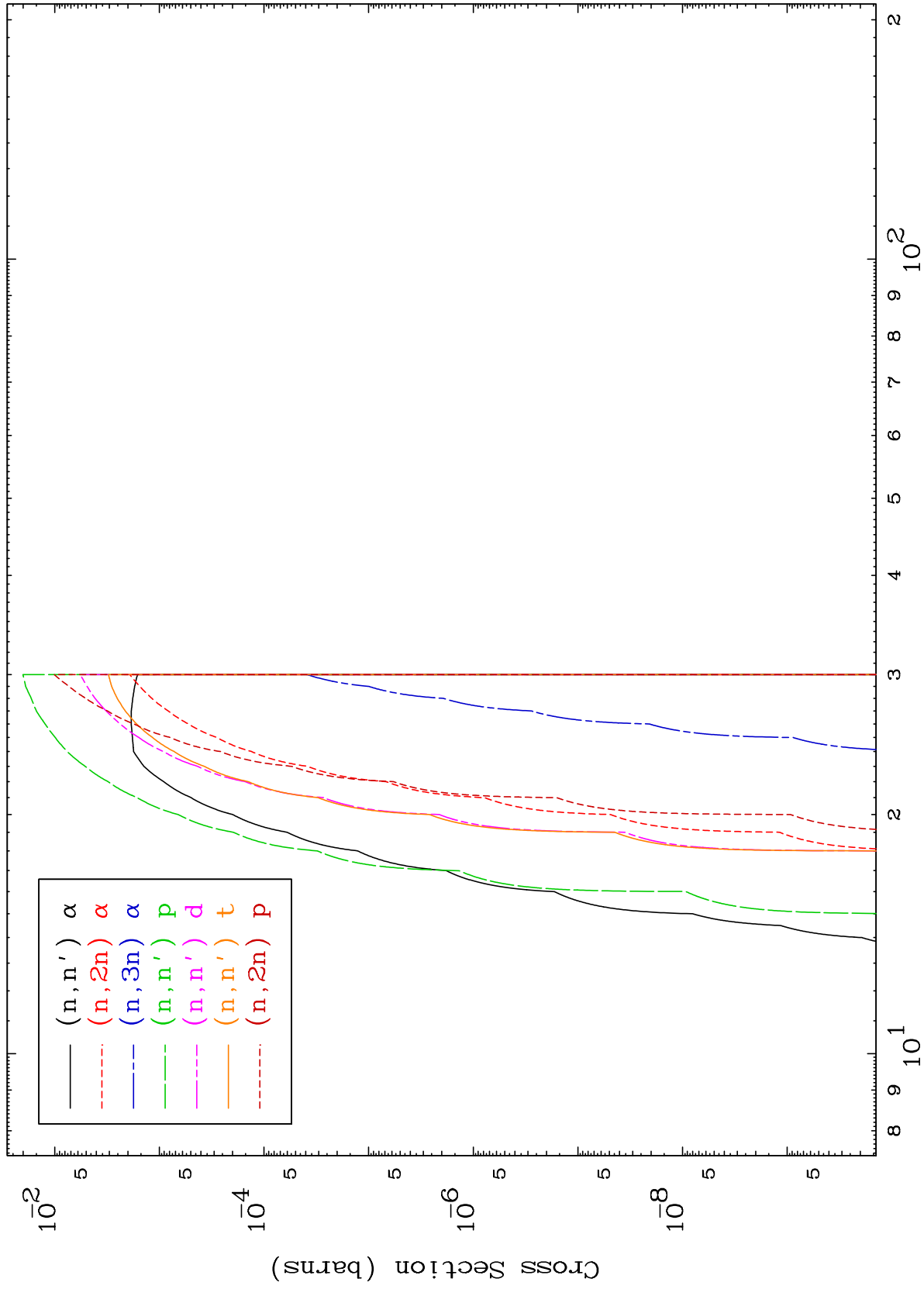
40-Zr-103



MAT 4064

Charged Particle
293 Kelvin Cross Sections

40-Zr-103



3

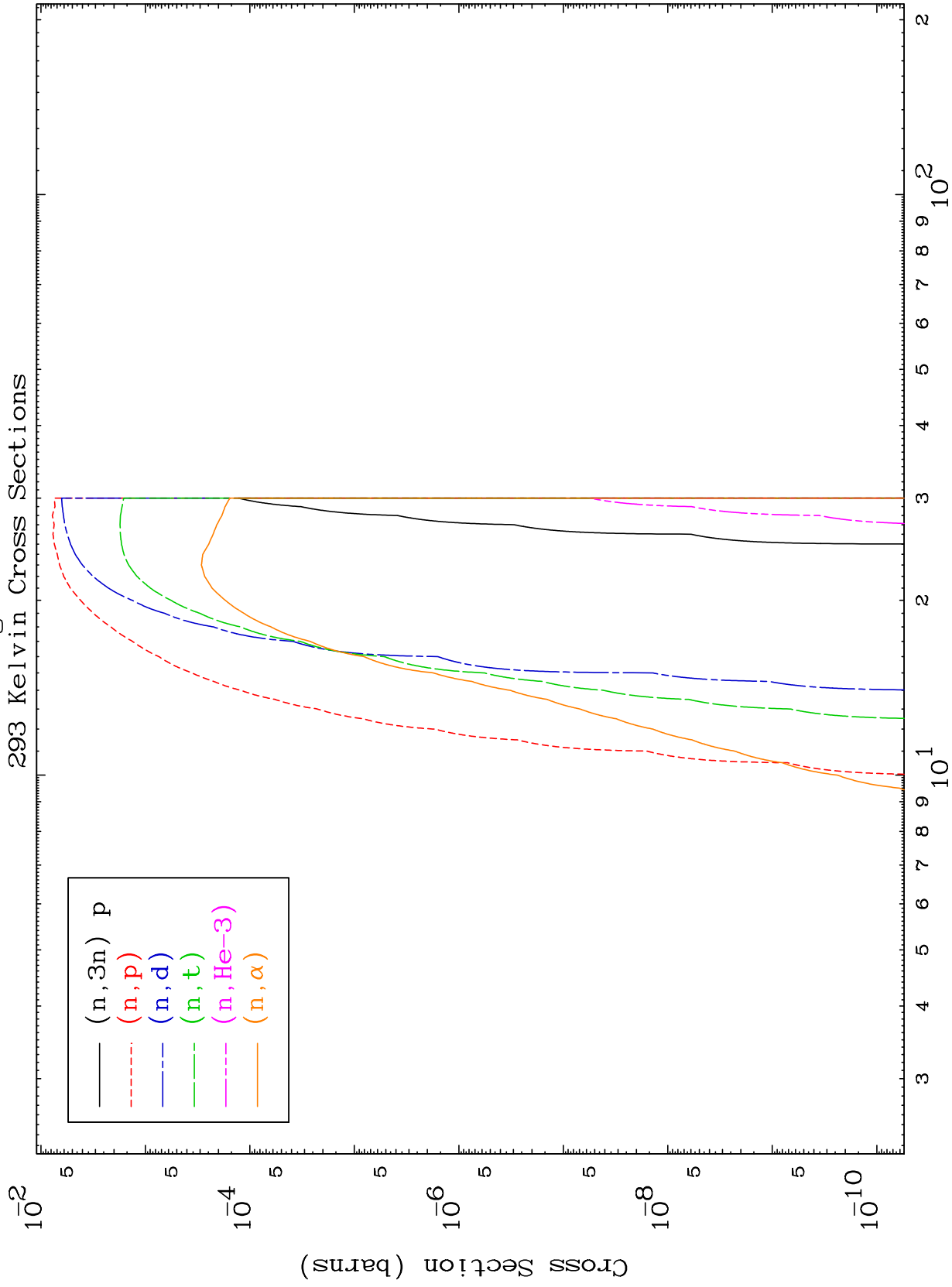
Incident Energy (MeV)

40-Zr-103

MAT 4064

Charged Particle
293 Kelvin Cross Sections

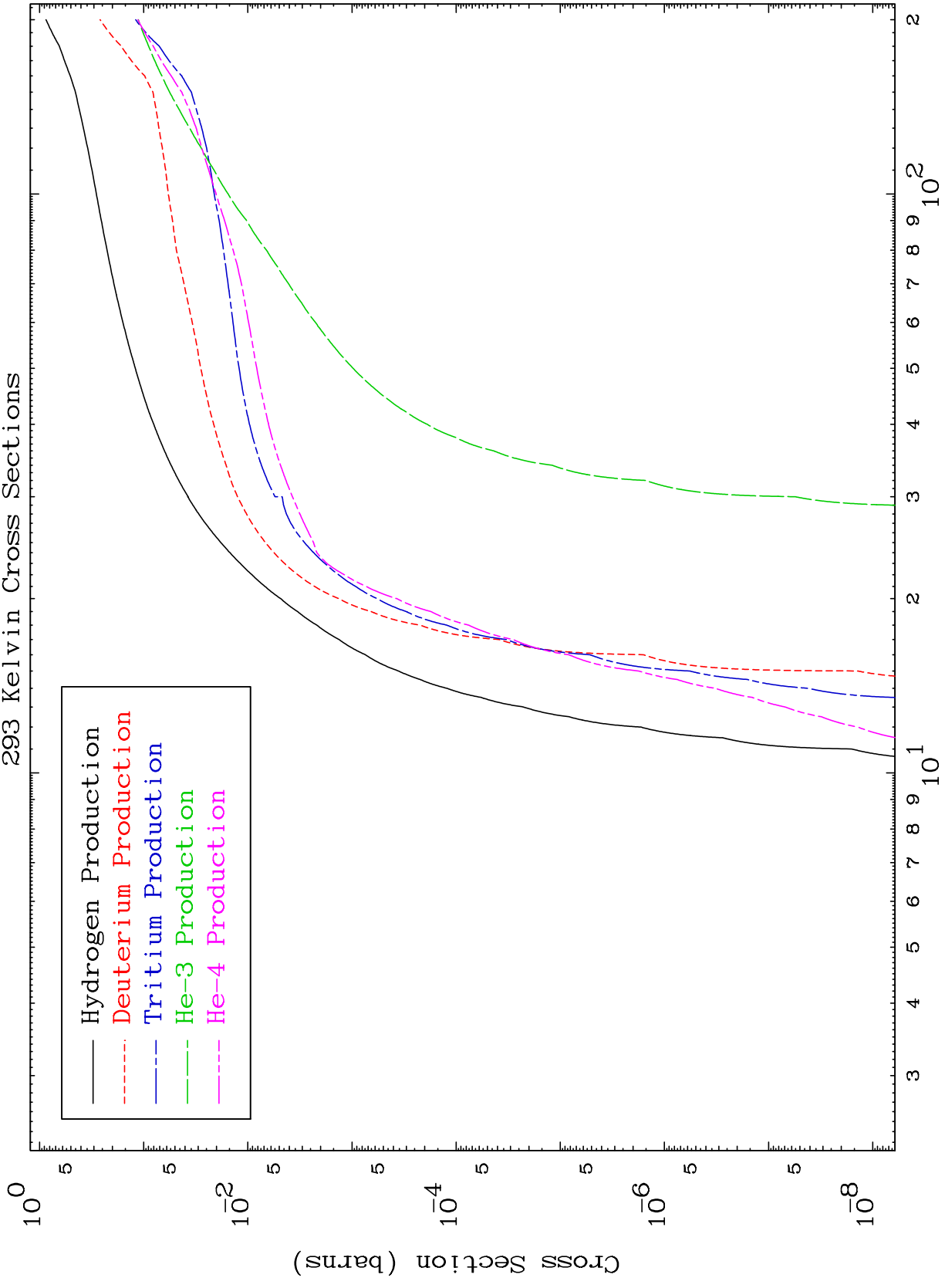
40-Zr-103



MAT 4064

Particle Production
293 Kelvin Cross Sections

40-Zr-103



5

Incident Energy (MeV)

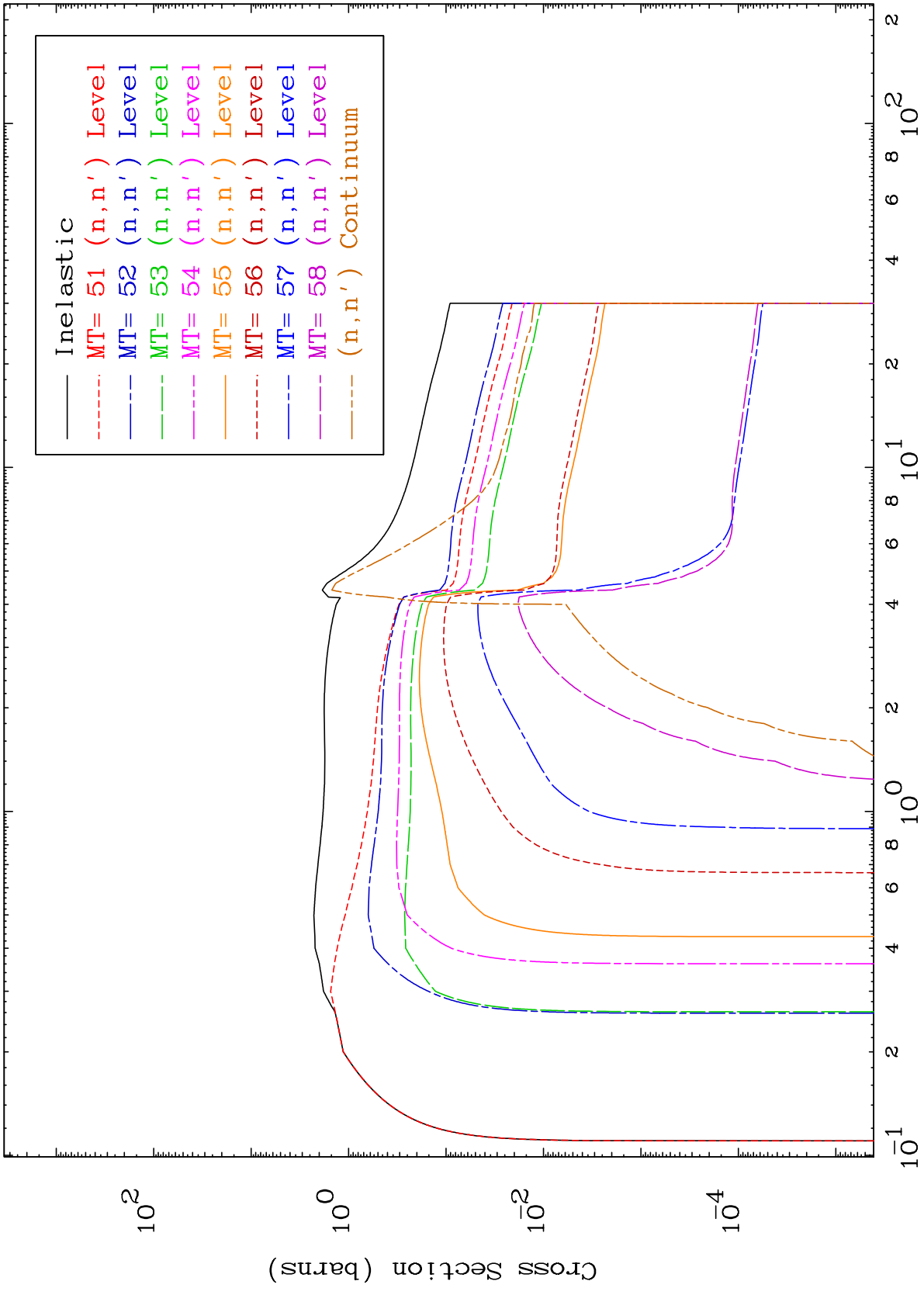
40-Zr-103

MAT 4064

(n,n') Level

40-Zr-103

293 Kelvin Cross Sections



6

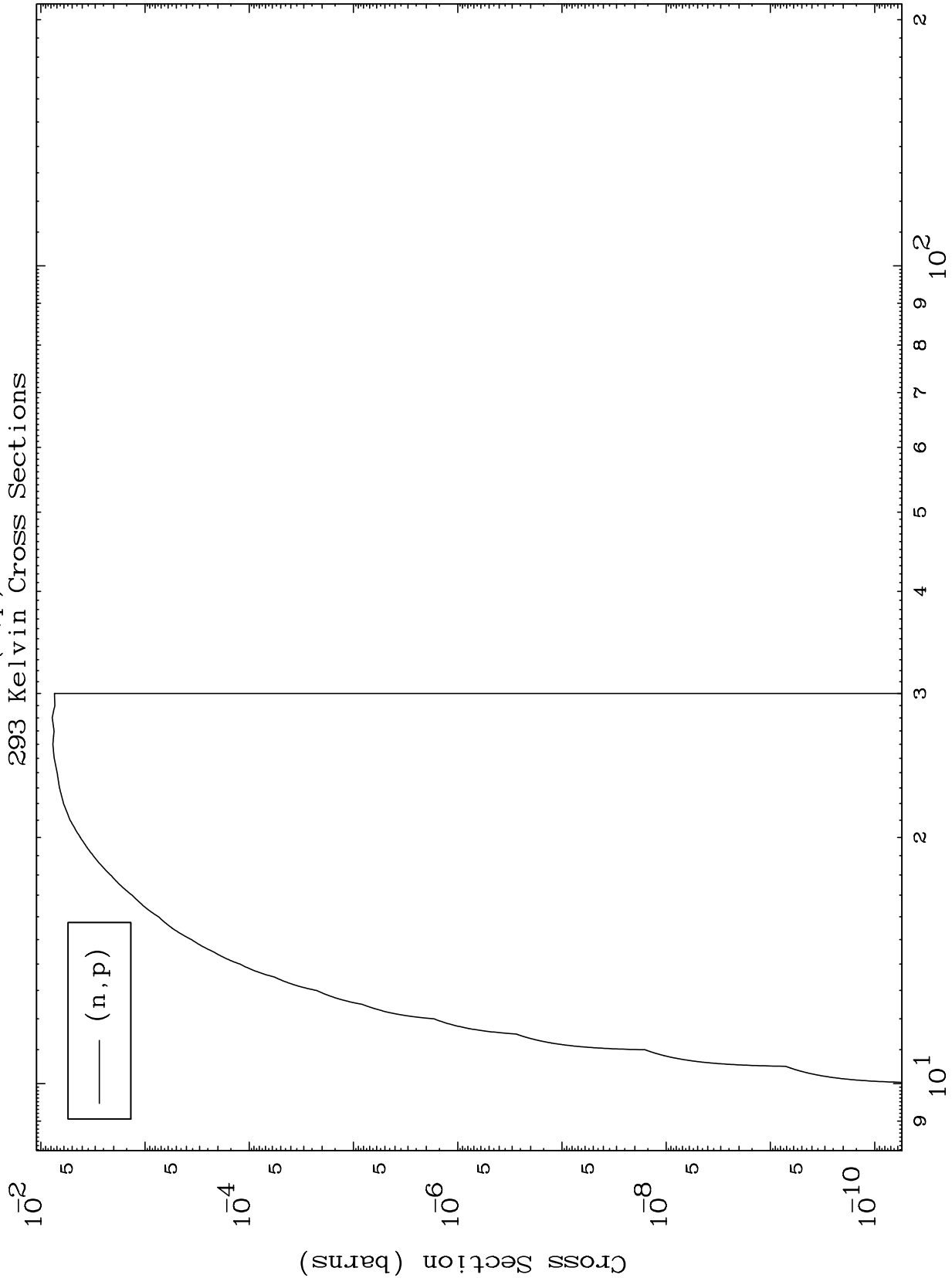
Incident Energy (MeV)

40-Zr-103

MAT 4064

(n,p) Levels
293 Kelvin Cross Sections

40-Zr-103



7

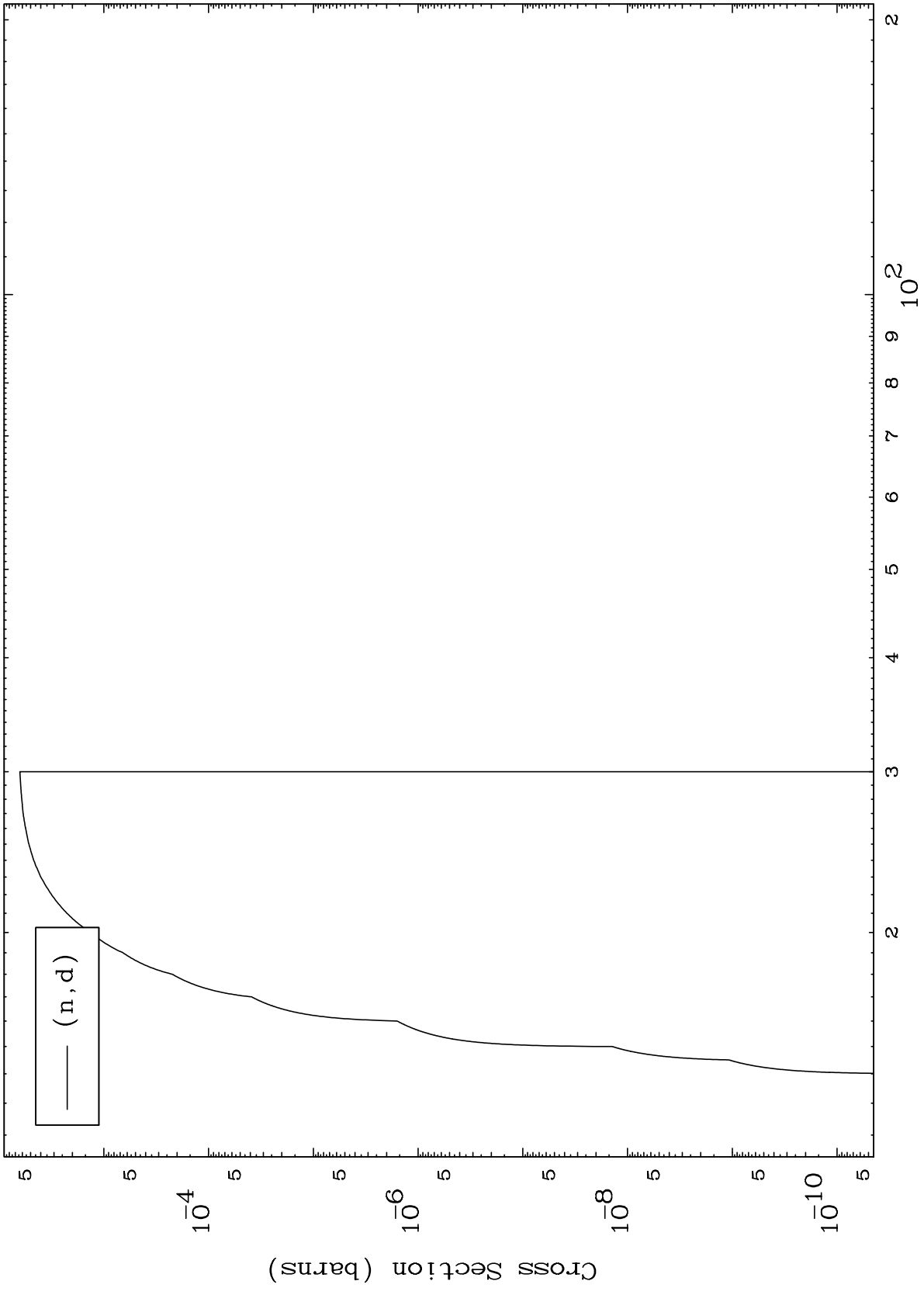
Incident Energy (MeV)

40-Zr-103

MAT 4064

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-103



8

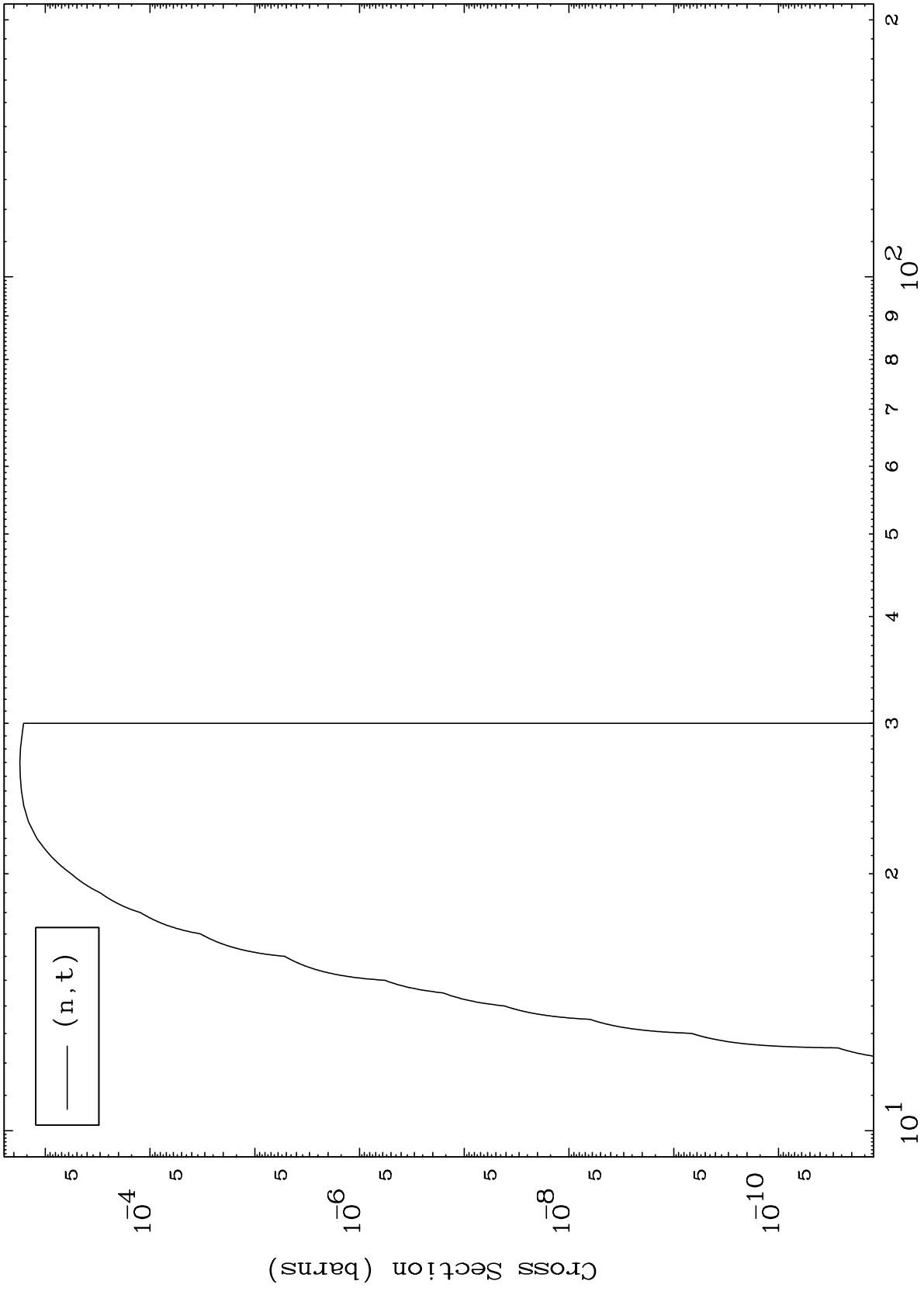
Incident Energy (MeV)

40-Zr-103

MAT 4064

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-103



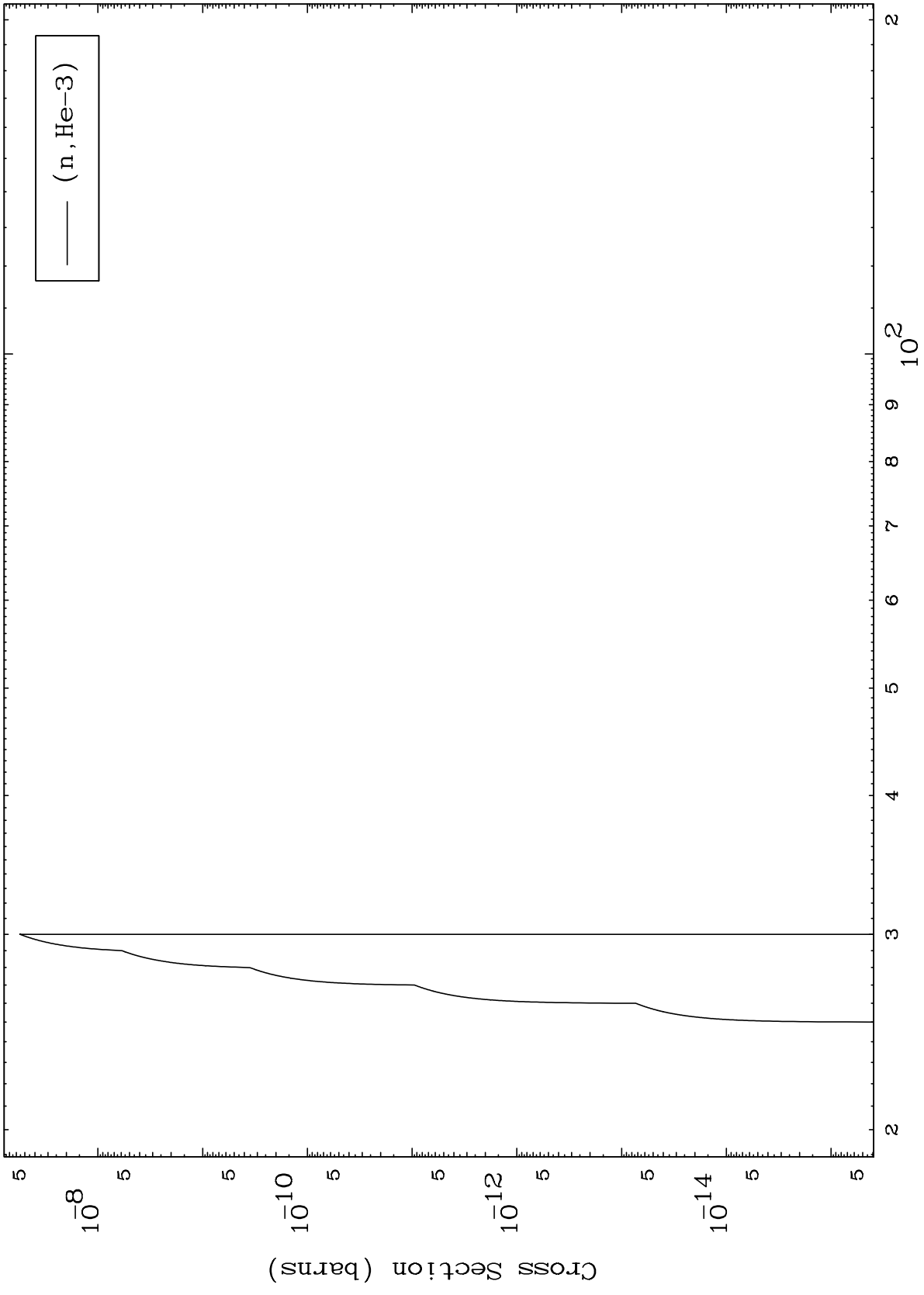
Incident Energy (MeV)

40-Zr-103

MAT 4064

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-103



10

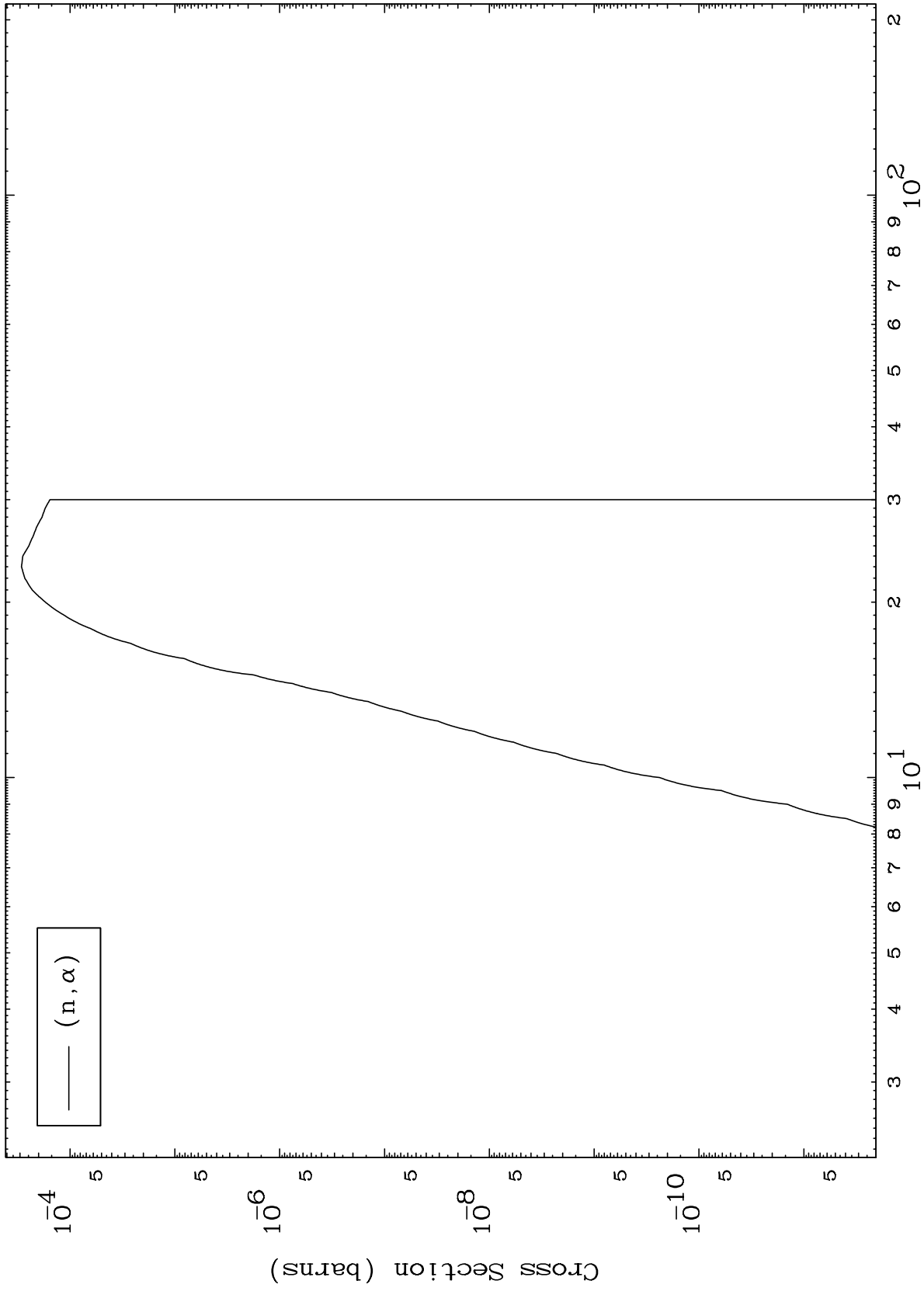
Incident Energy (MeV)

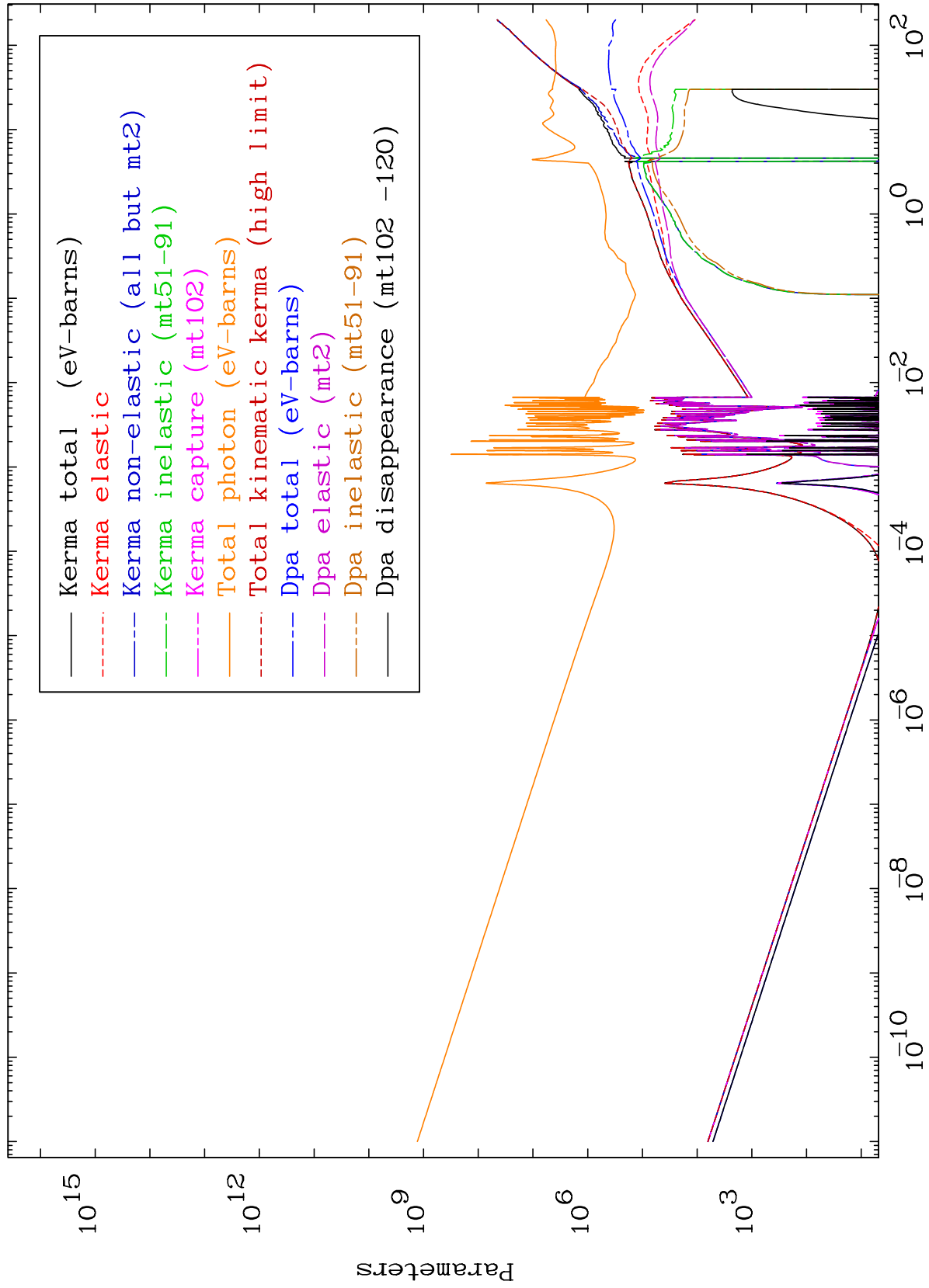
40-Zr-103

MAT 4064

(n,α) Levels
293 Kelvin Cross Sections

40-Zr-103

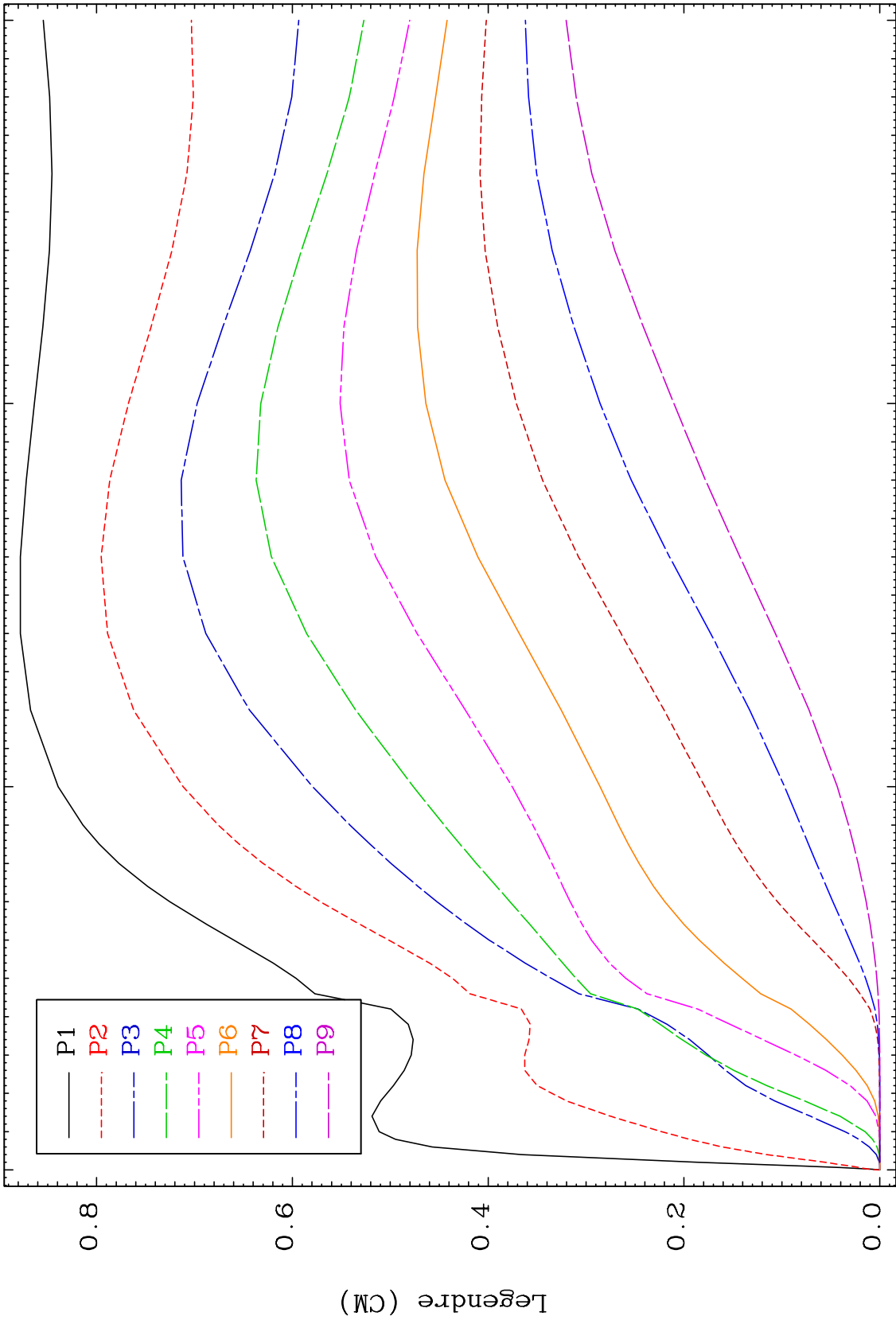




MAT 4064

Elastic Legendre Coefficients

40-Zr-103



13

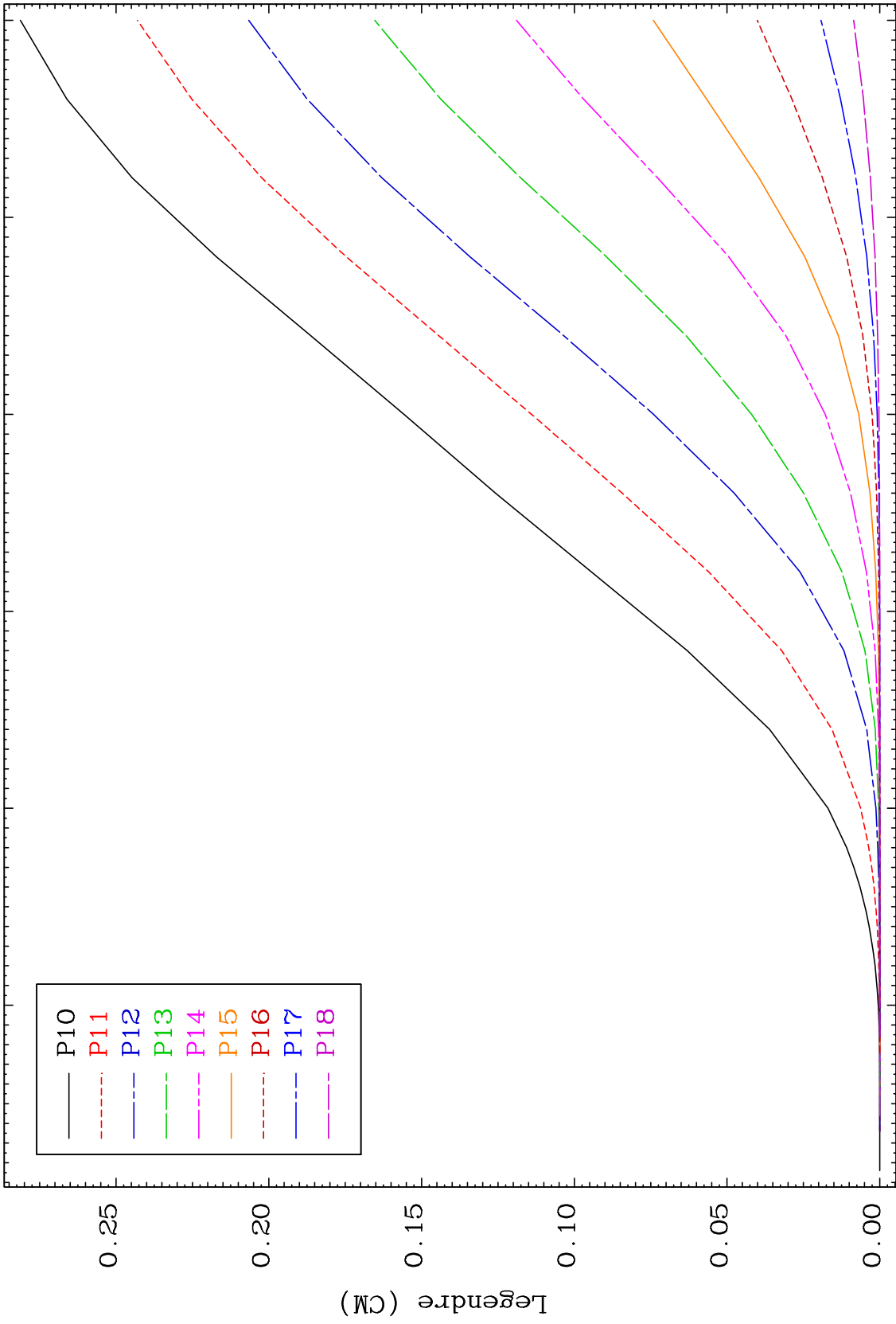
Incident Energy (MeV)

40-Zr-103

MAT 4064

Elastic Legendre Coefficients

40-Zr-103



14

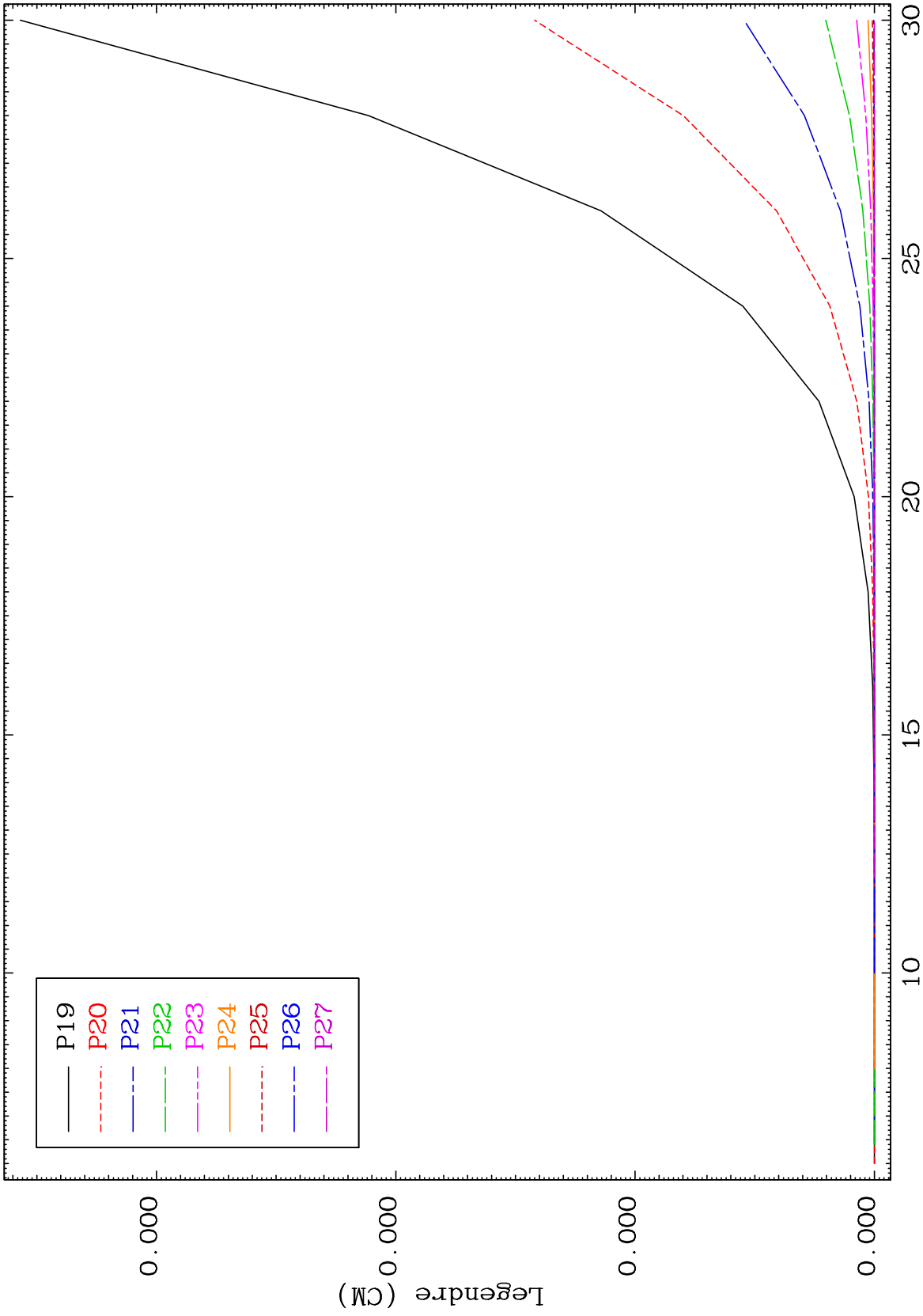
Incident Energy (MeV)

40-Zr-103

MAT 4064

Elastic Legendre Coefficients

40-Zr-103



15

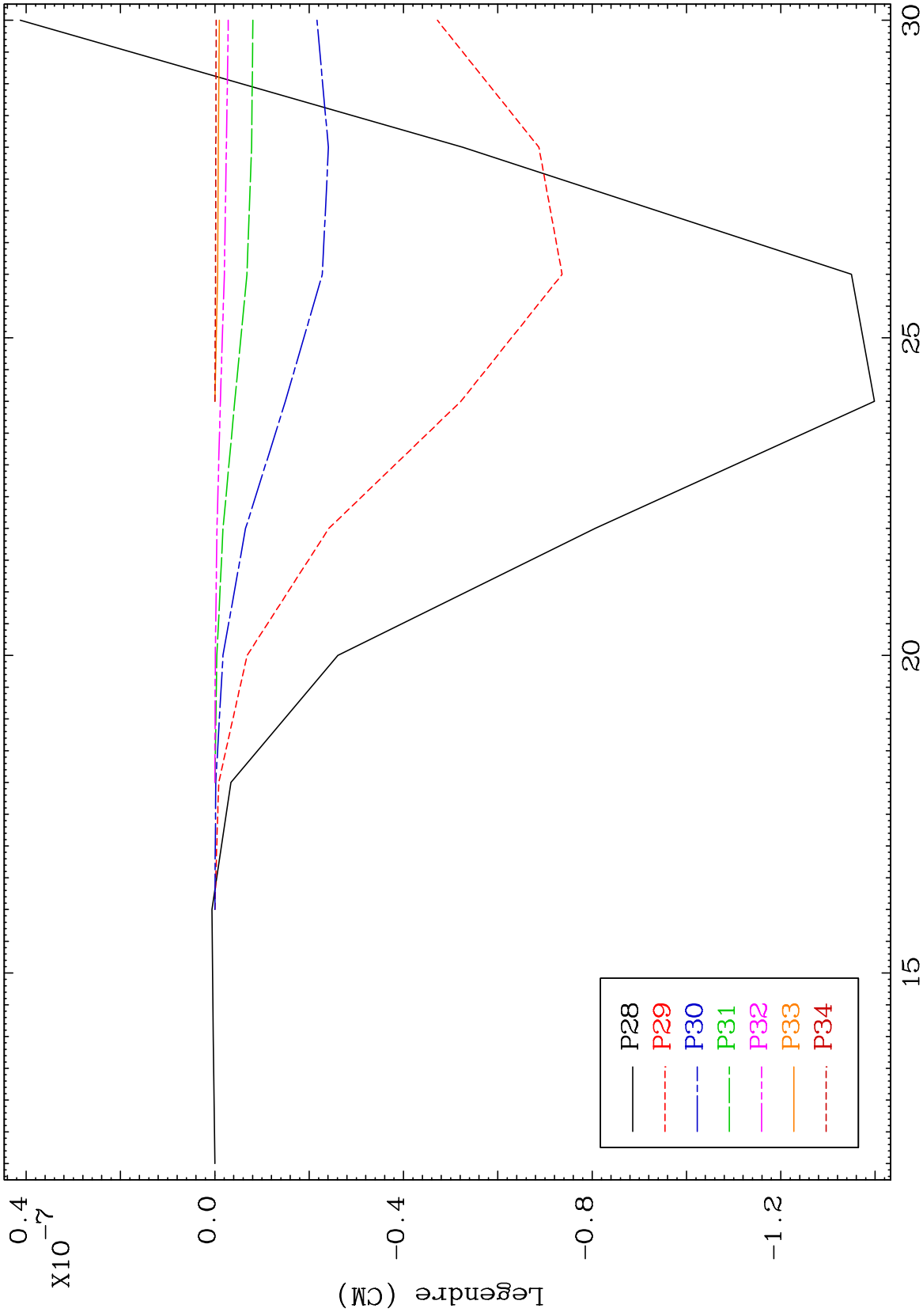
Incident Energy (MeV)

40-Zr-103

MAT 4064

Elastic Legendre Coefficients

40-Zr-103

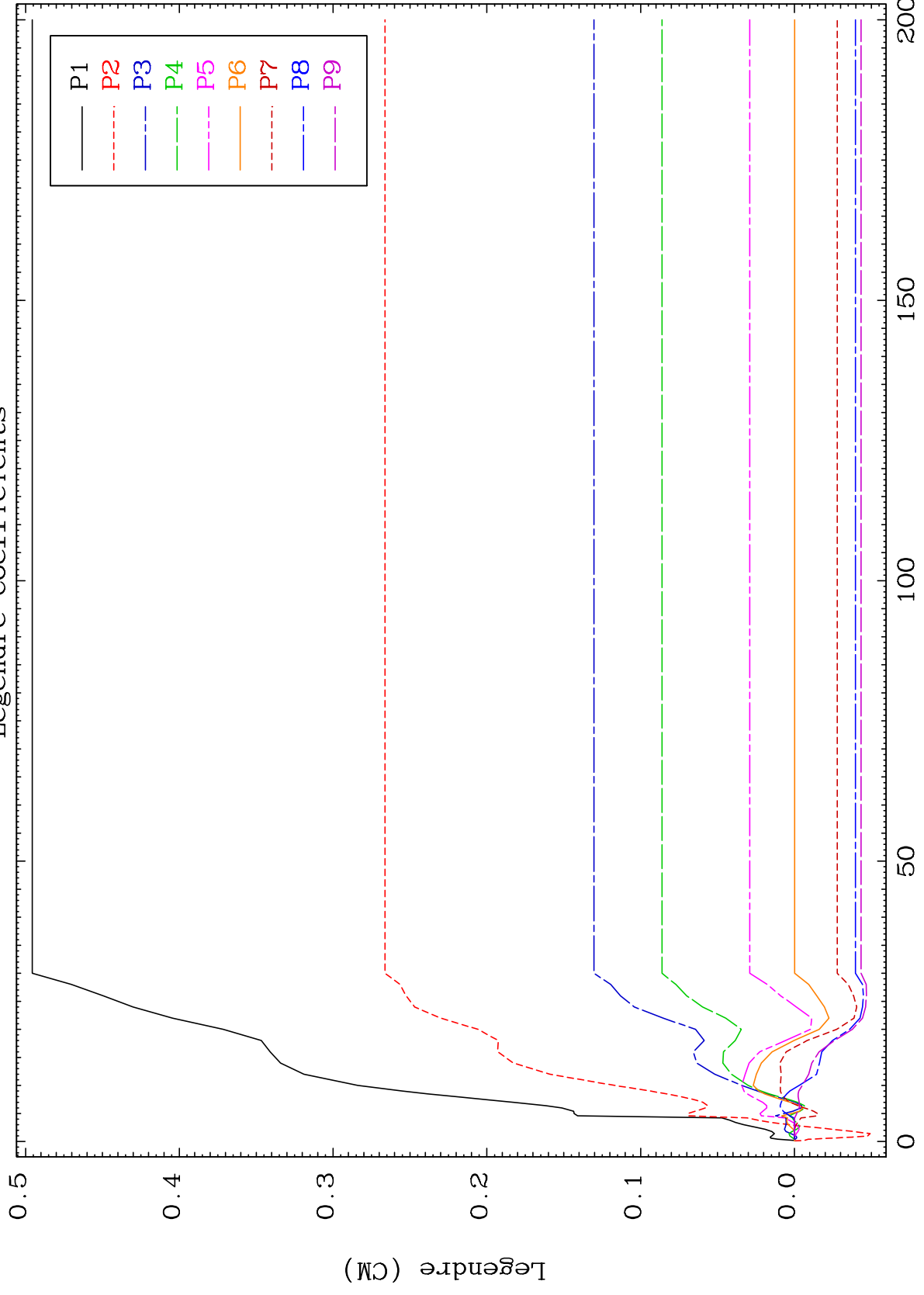


16

Incident Energy (MeV)

40-Zr-103

MAT 4064 MT= 51 (n,n') Level Legendre Coefficients 40-Zr-103

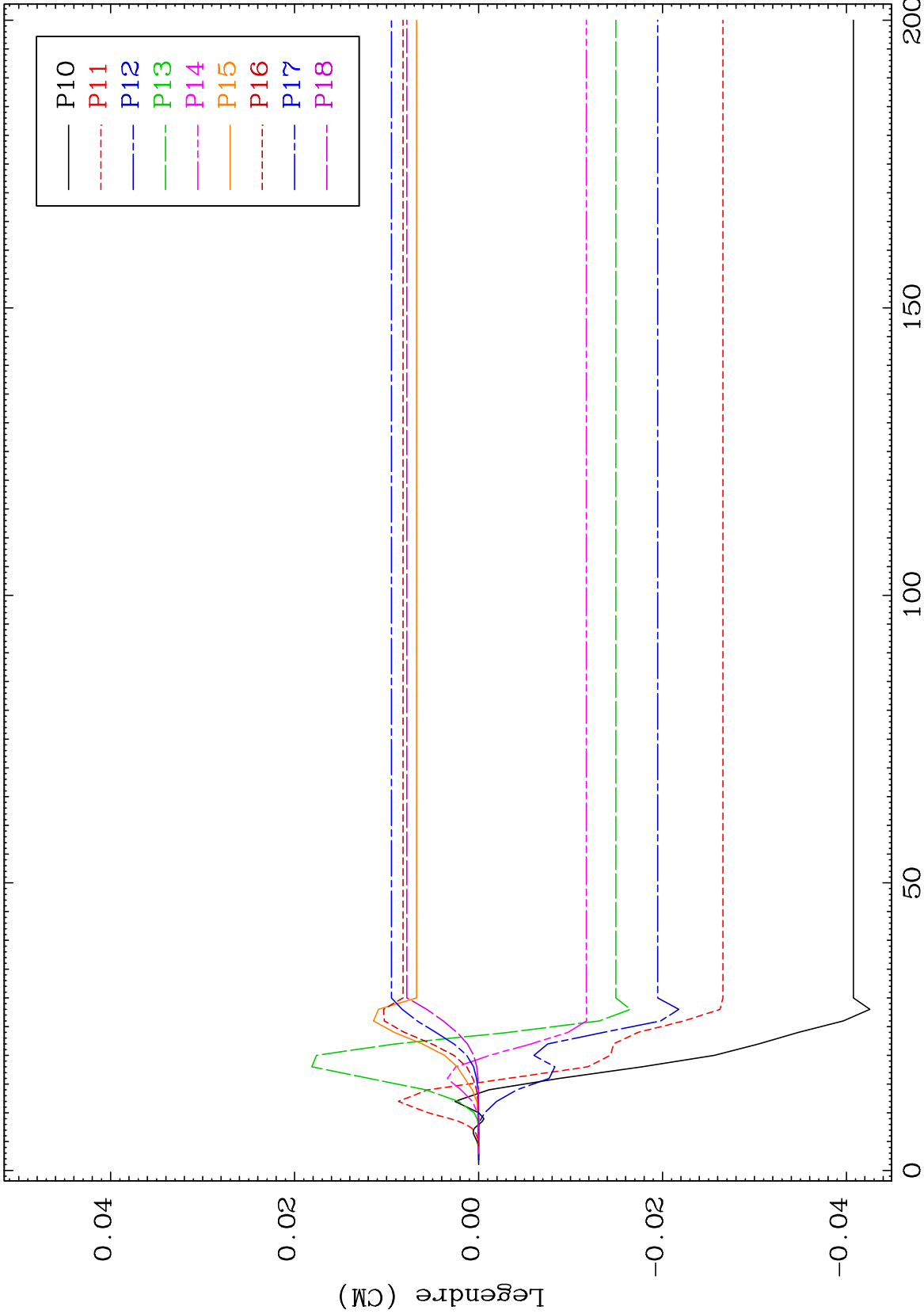


17 40-Zr-103

MAT 4064

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

40-Zr-103



18

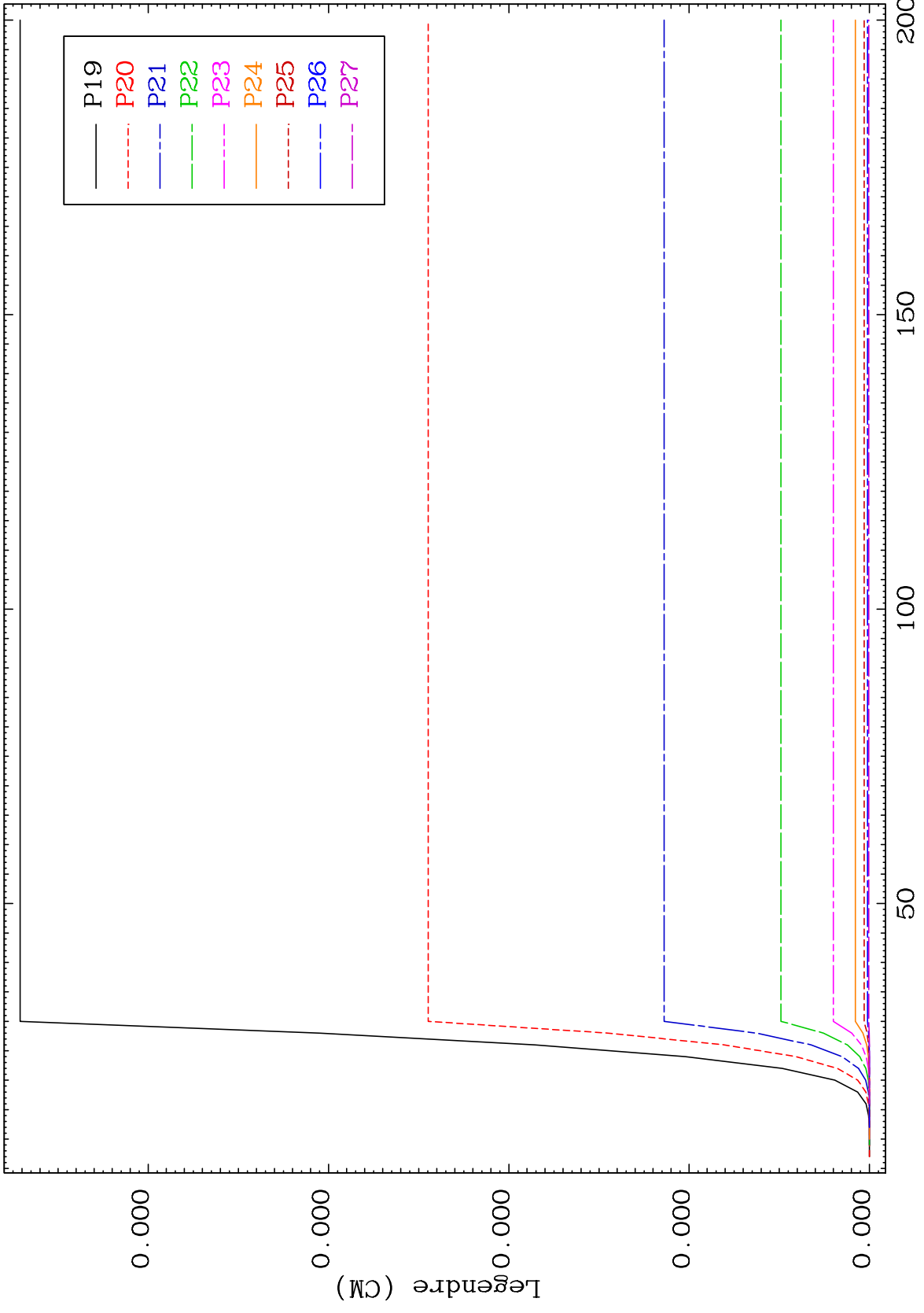
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



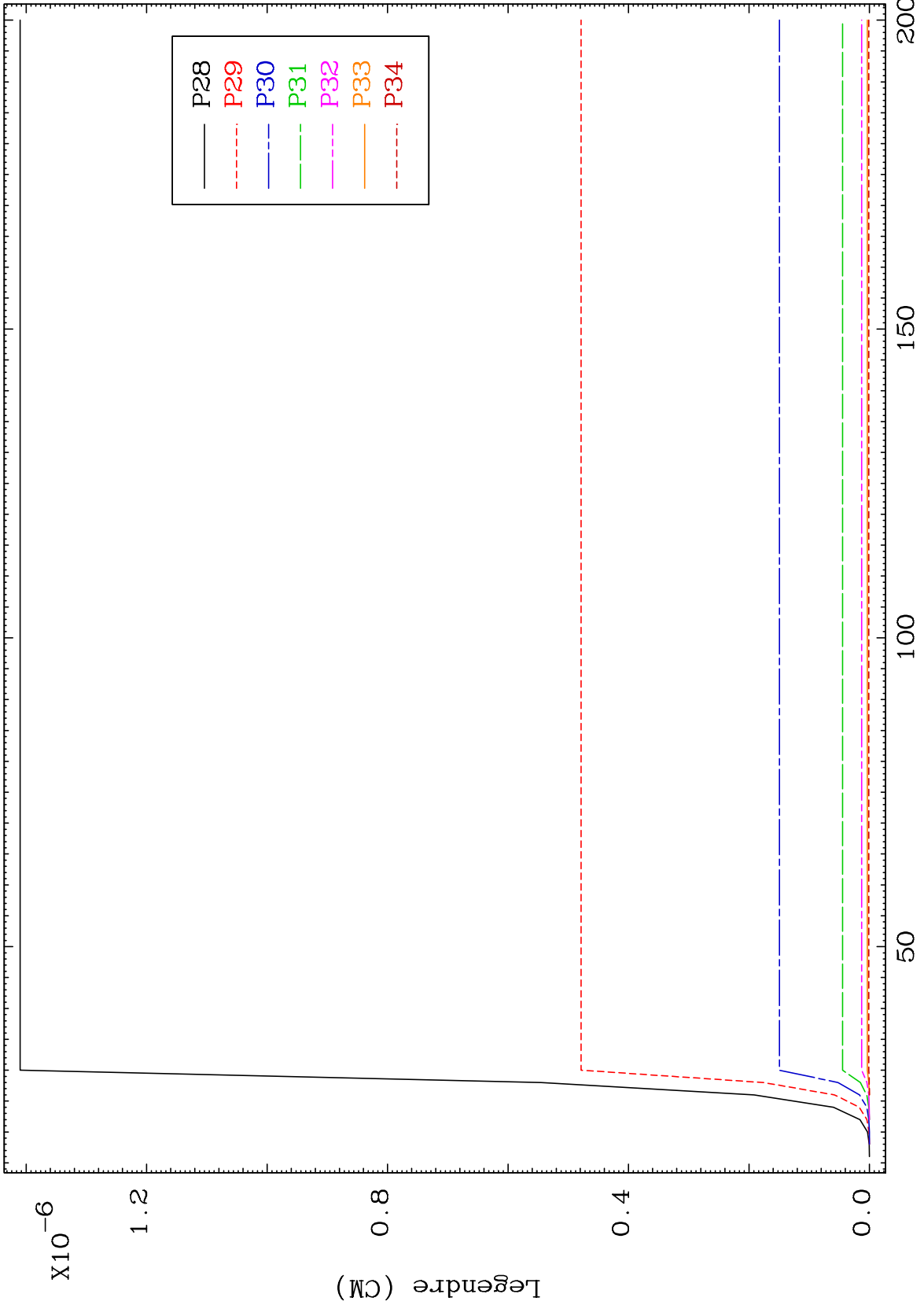
19

40-Zr-103

MAT 4064

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

40-Zr-103



20

50

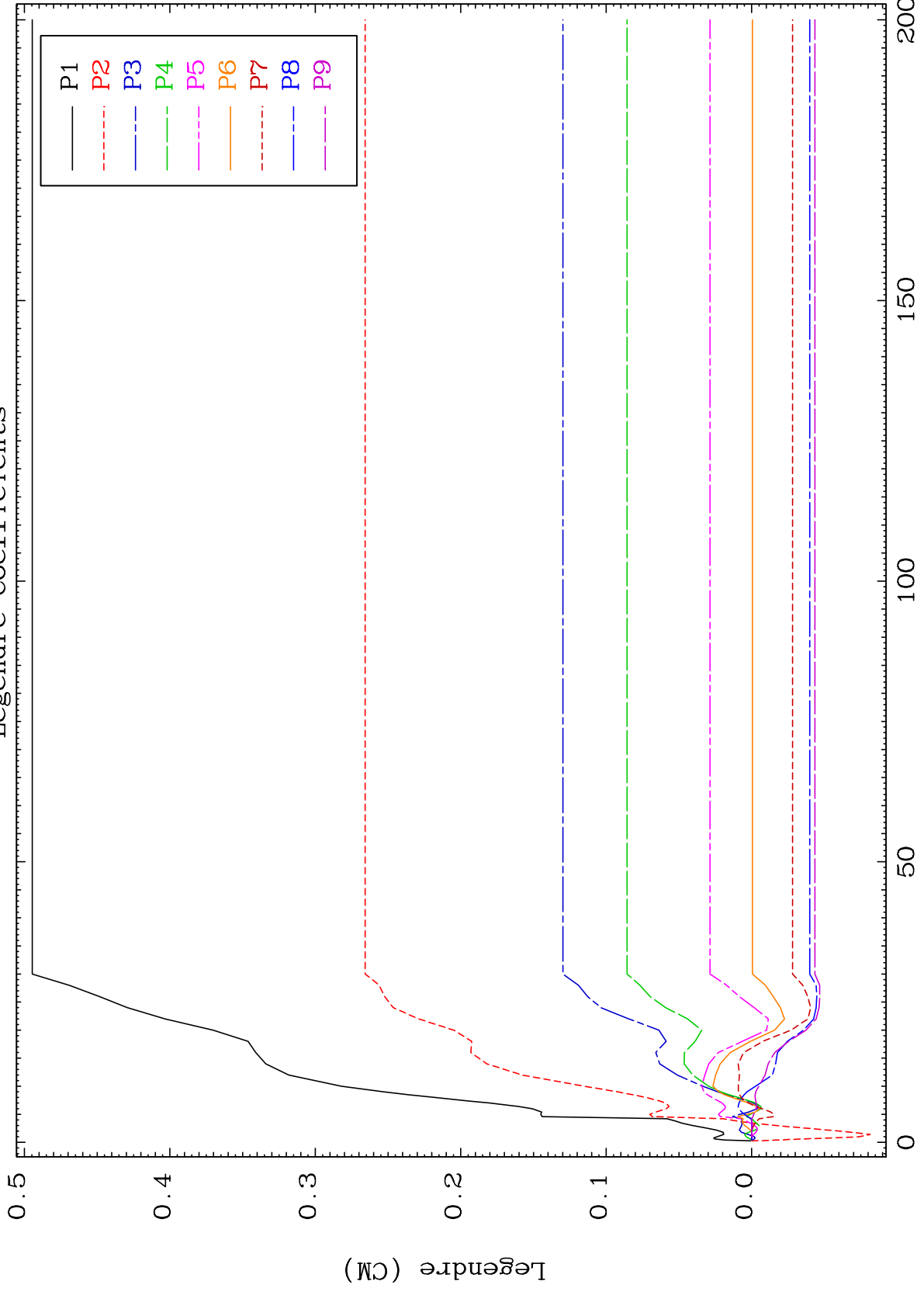
100

150

200

40-Zr-103

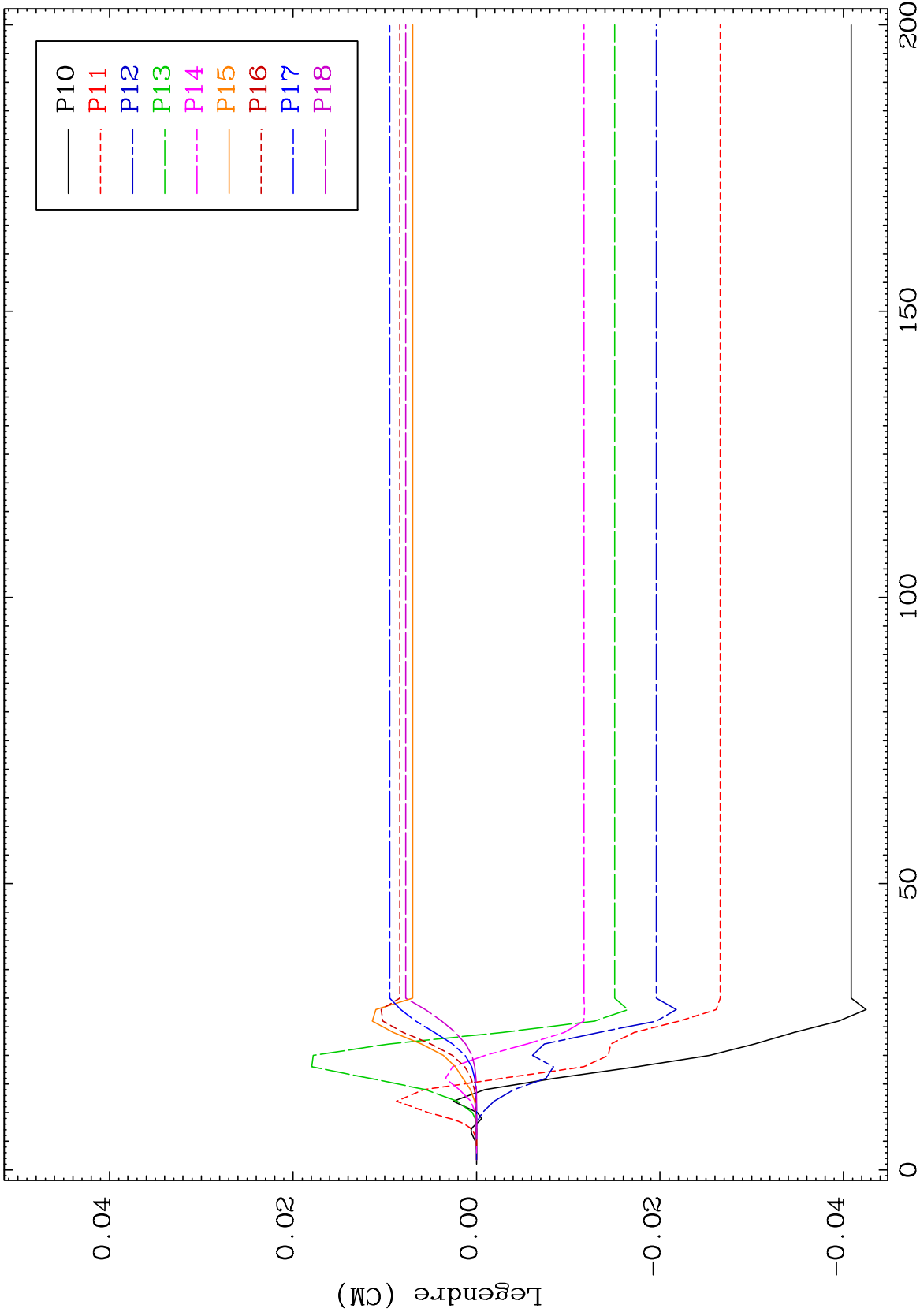
MAT 4064 MT= 52 (n,n') Level Legendre Coefficients 40-Zr-103



MAT 4064

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

40-Zr-103



22

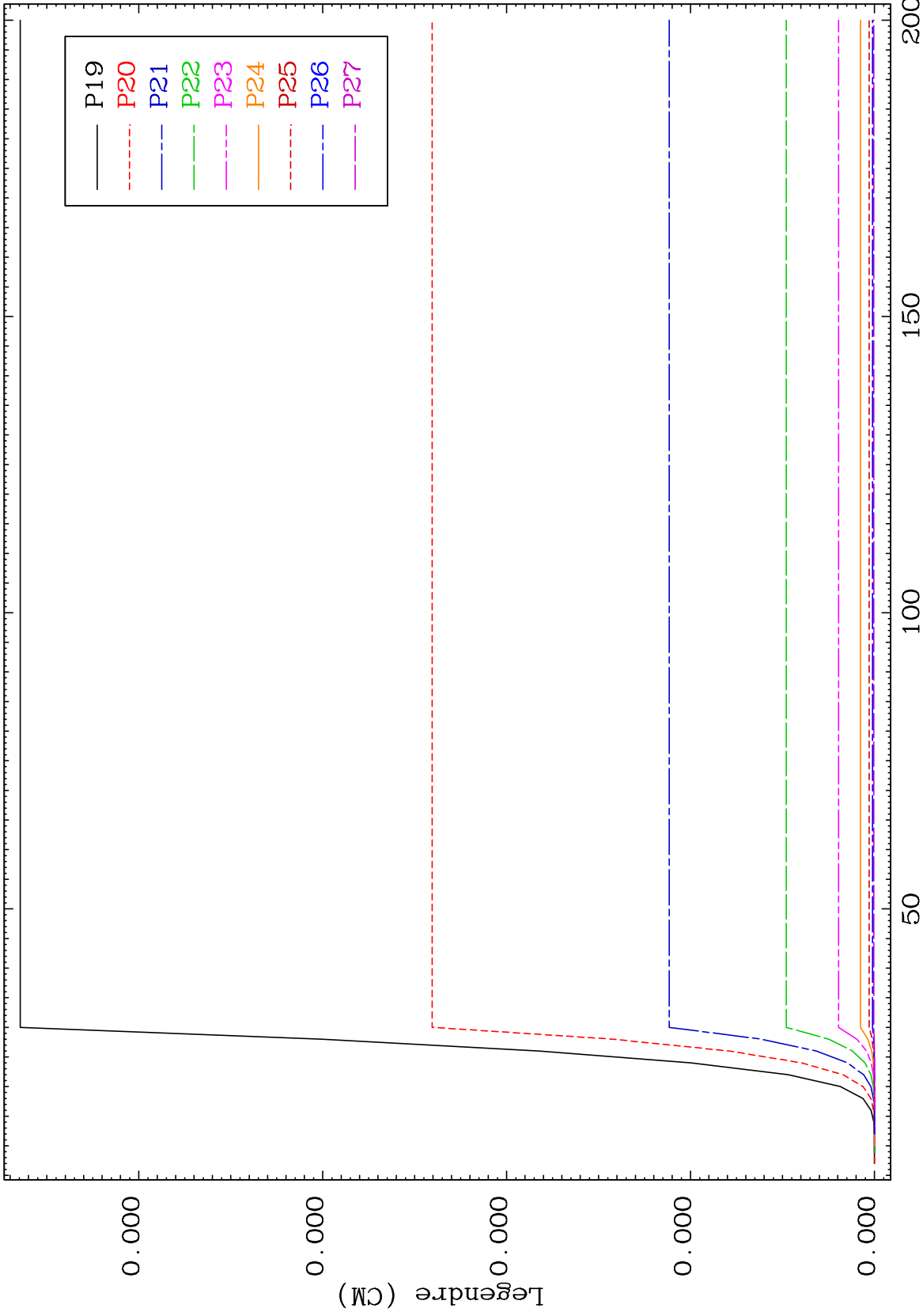
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



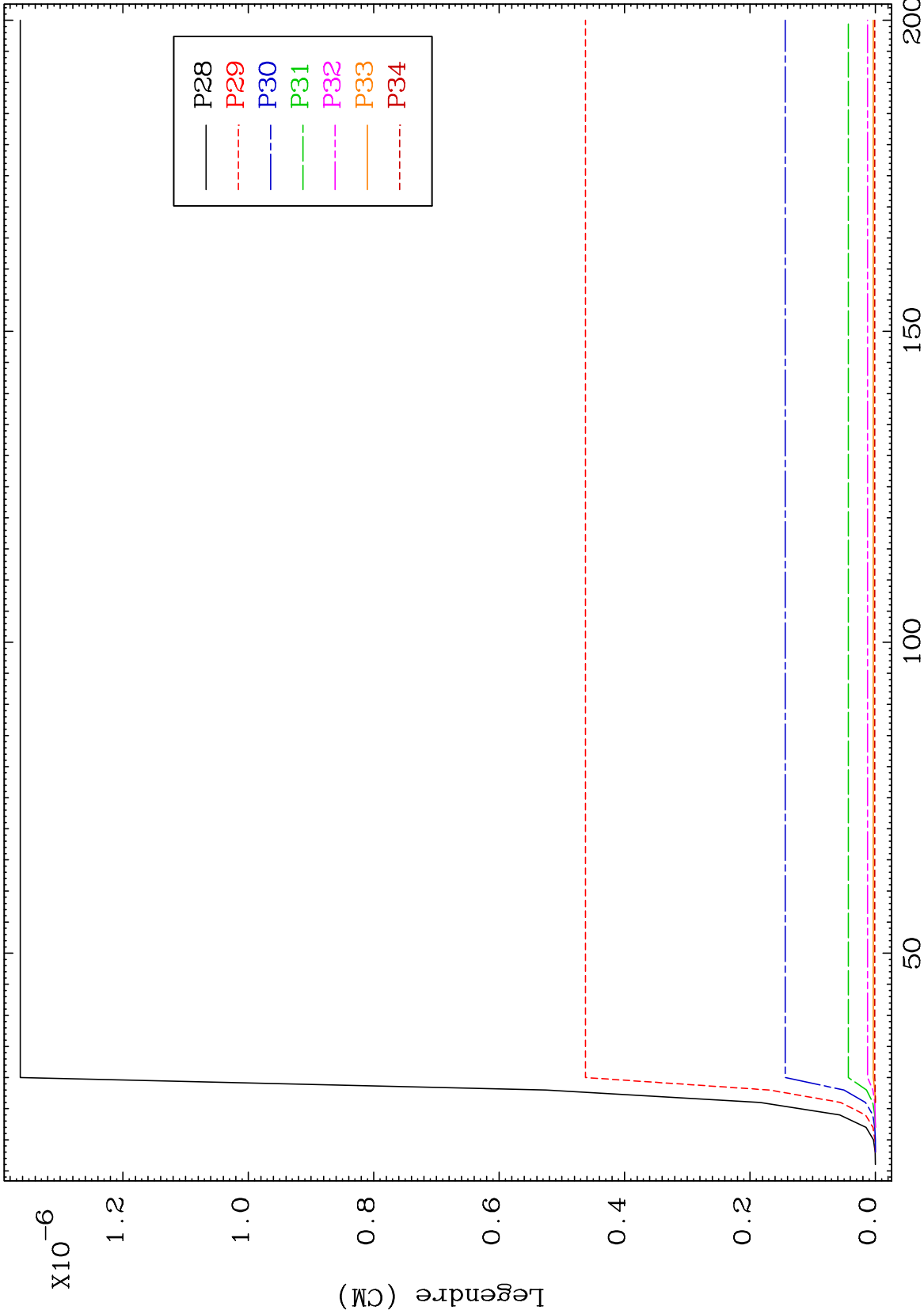
23

40-Zr-103

MAT 4064

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

40-Zr-103

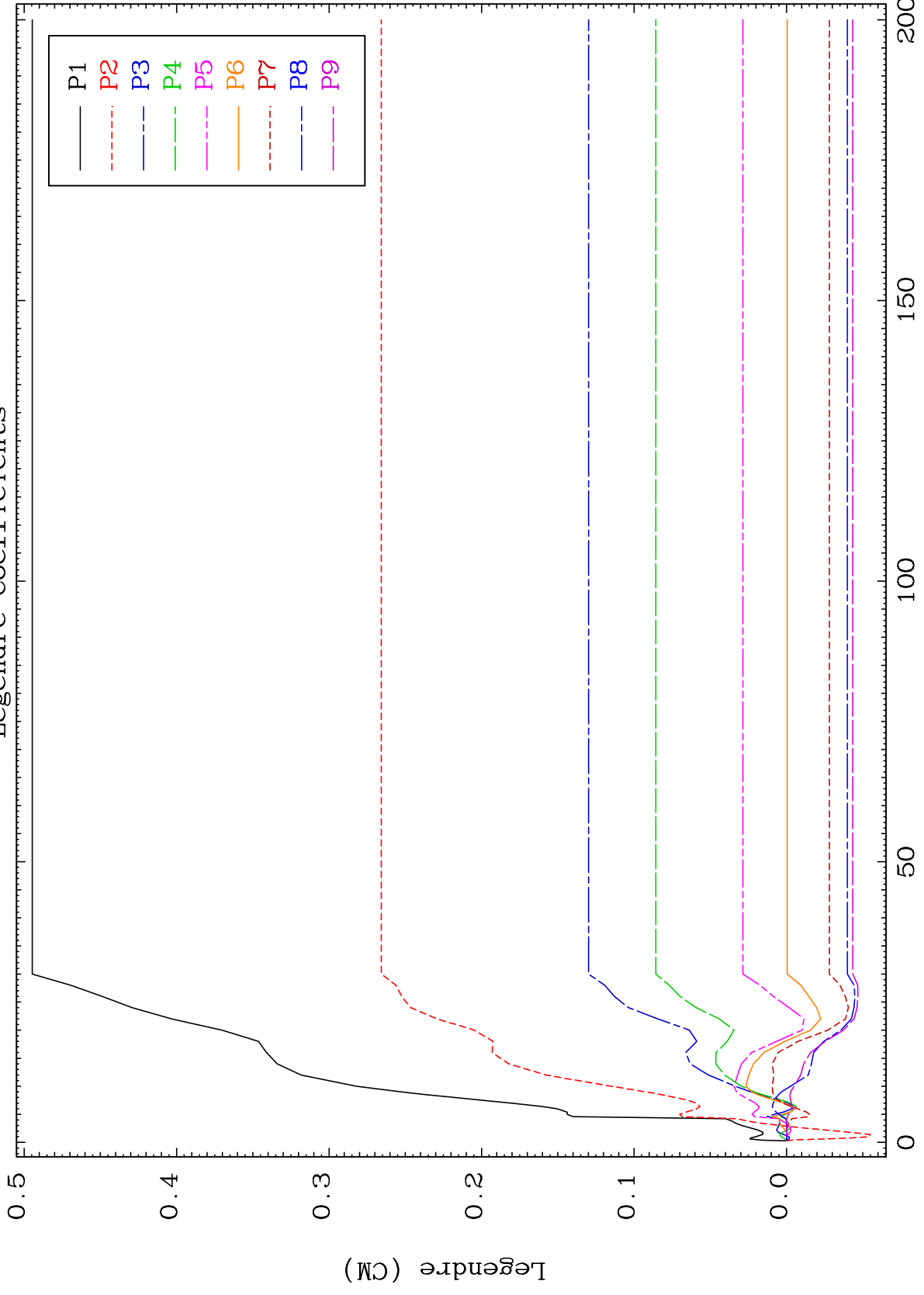


24

Incident Energy (MeV)

40-Zr-103

MAT 4064 MT= 53 (n,n') Level Legendre Coefficients 40-Zr-103

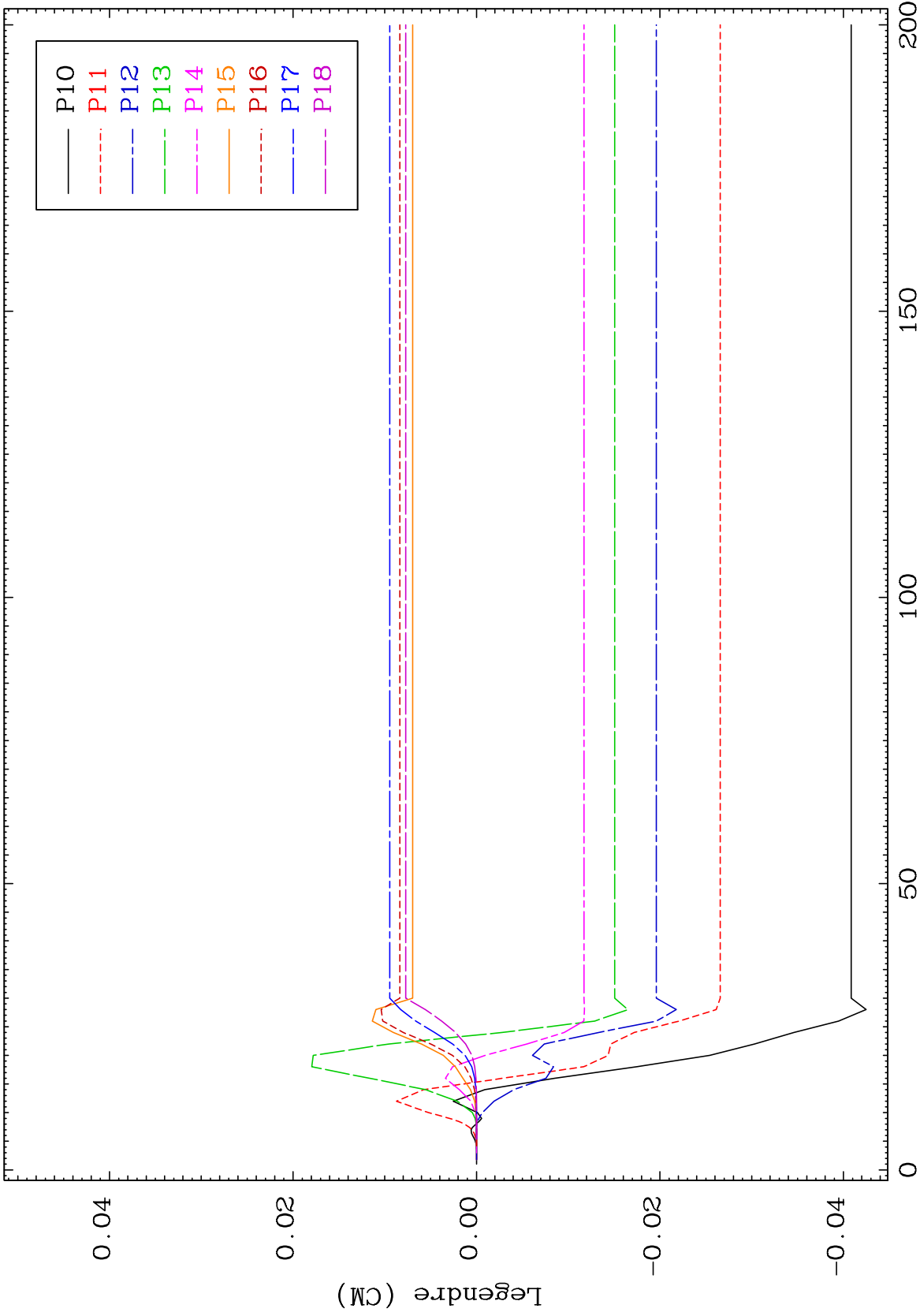


Legendre (CM) Incident Energy (MeV) 40-Zr-103

MAT 4064

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

40-Zr-103



26

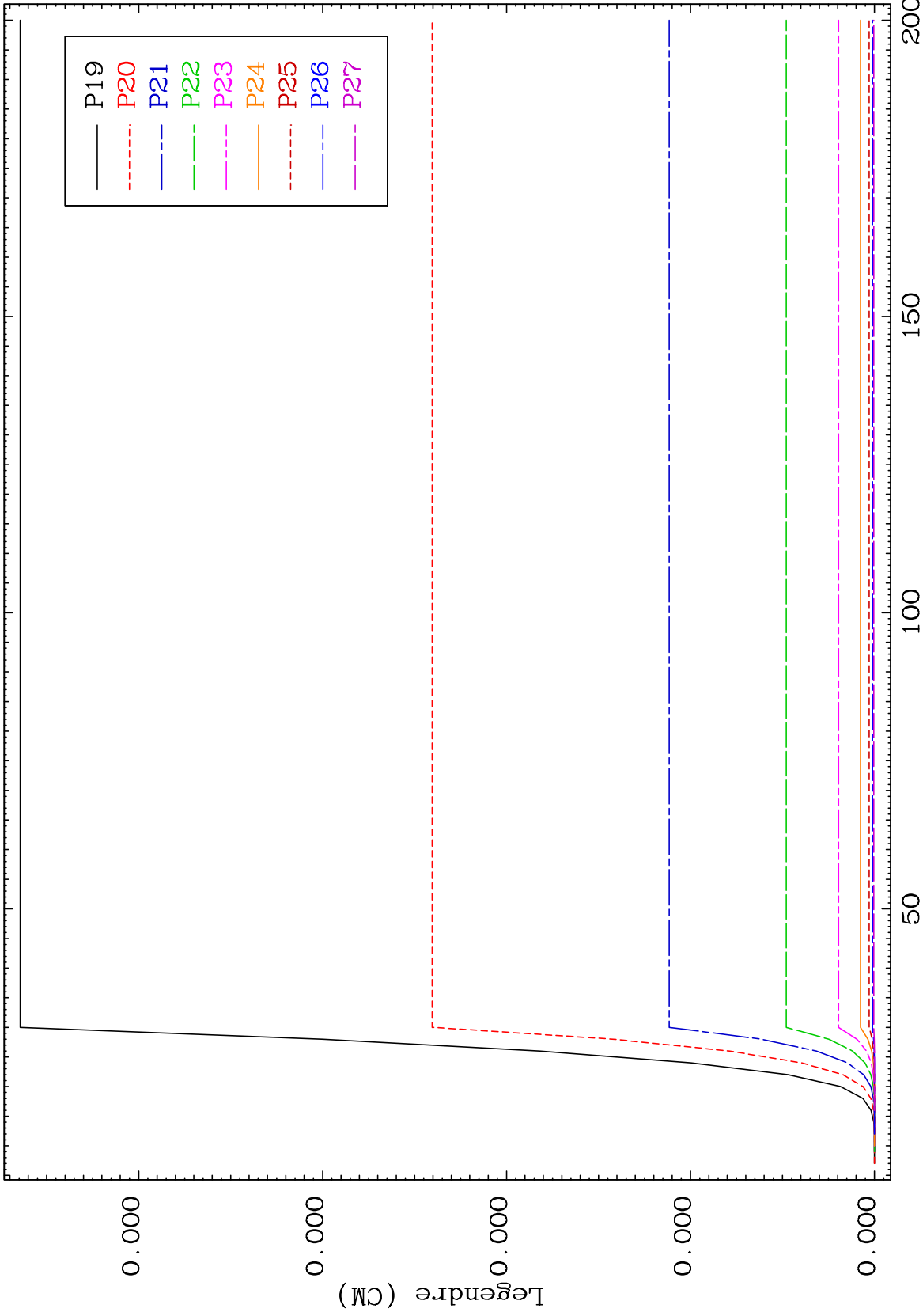
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



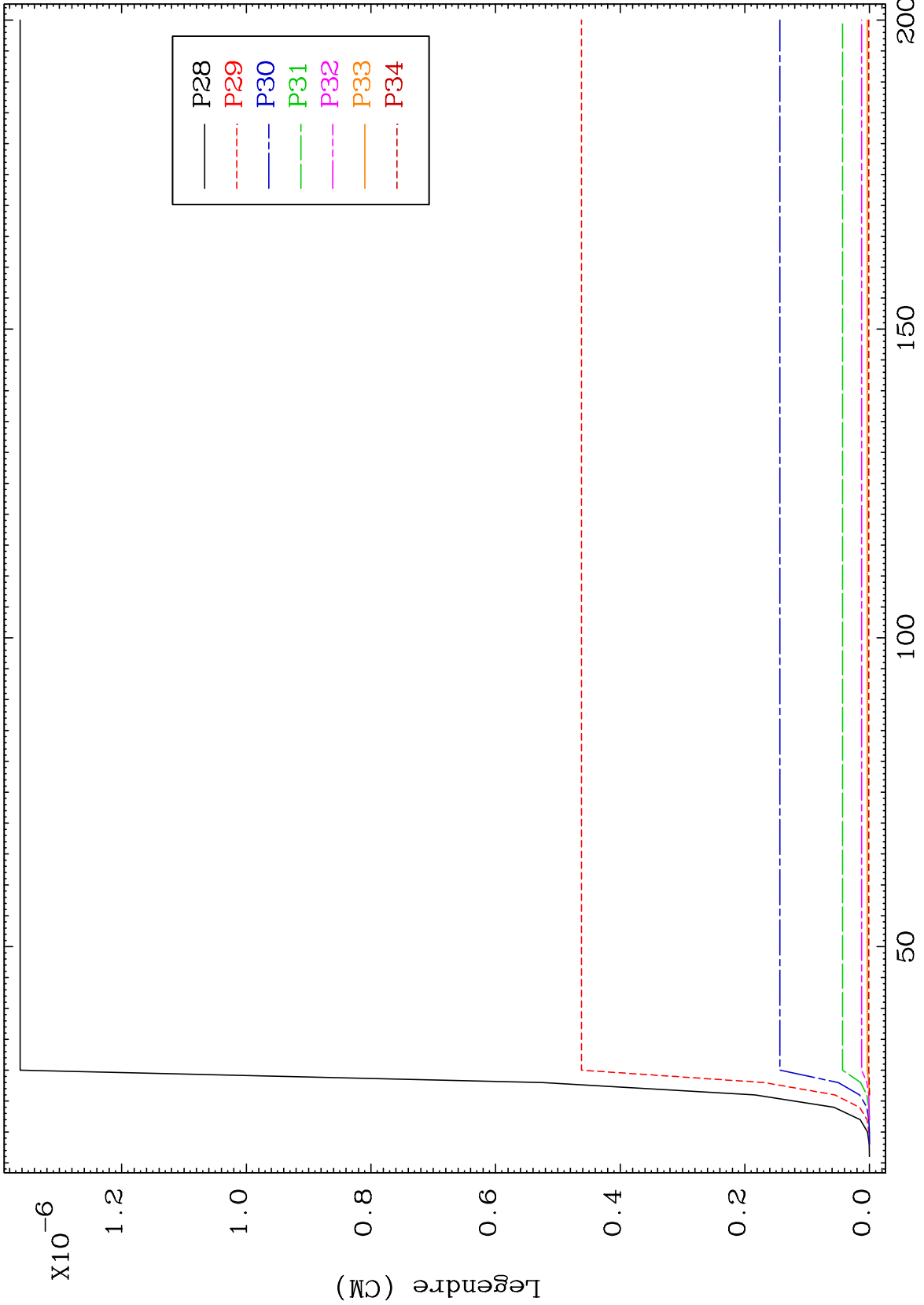
27

40-Zr-103

MAT 4064

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

40-Zr-103

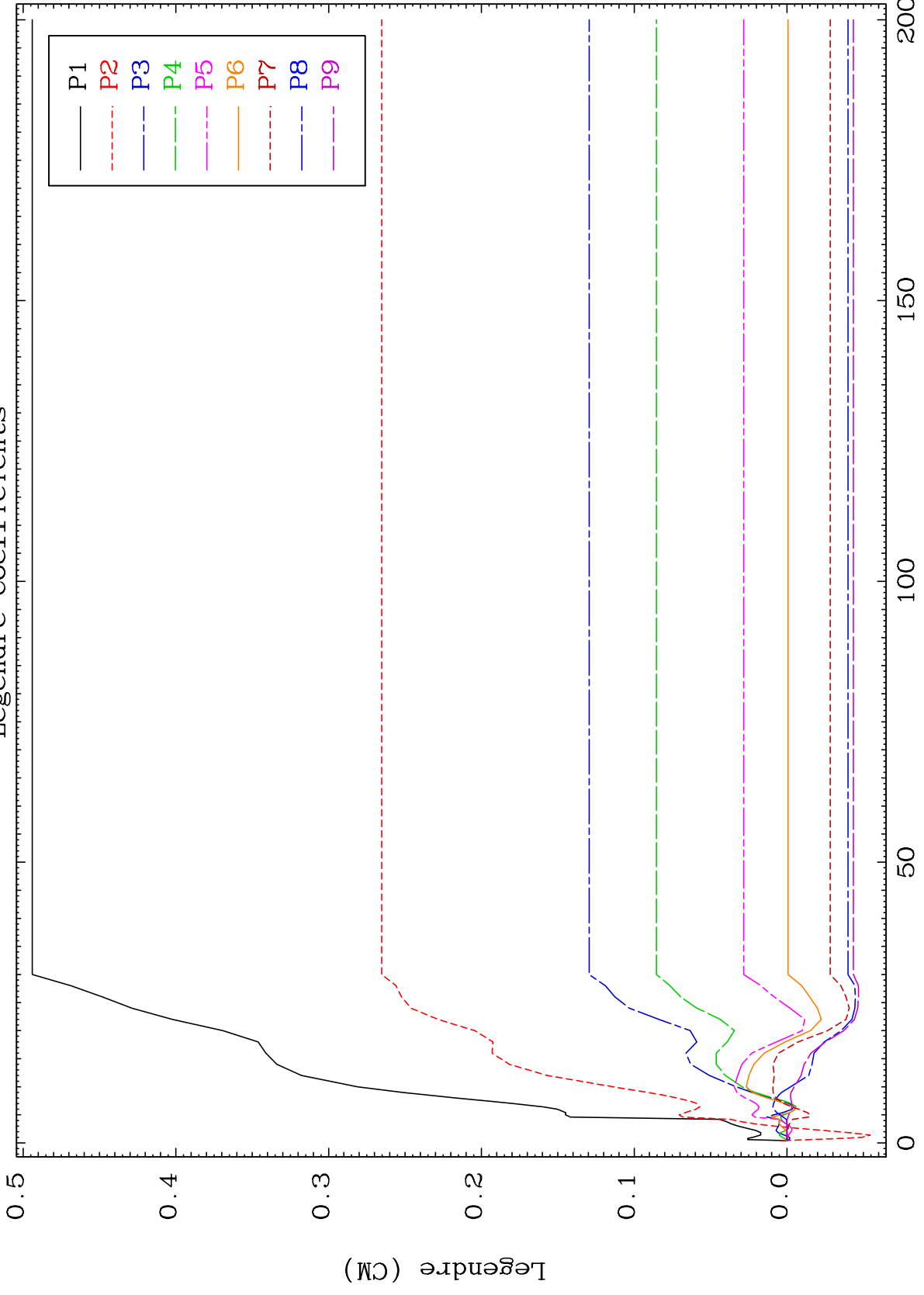


28

Incident Energy (MeV)

40-Zr-103

MAT 4064 MT= 54 (n,n') Level Legendre Coefficients 40-Zr-103

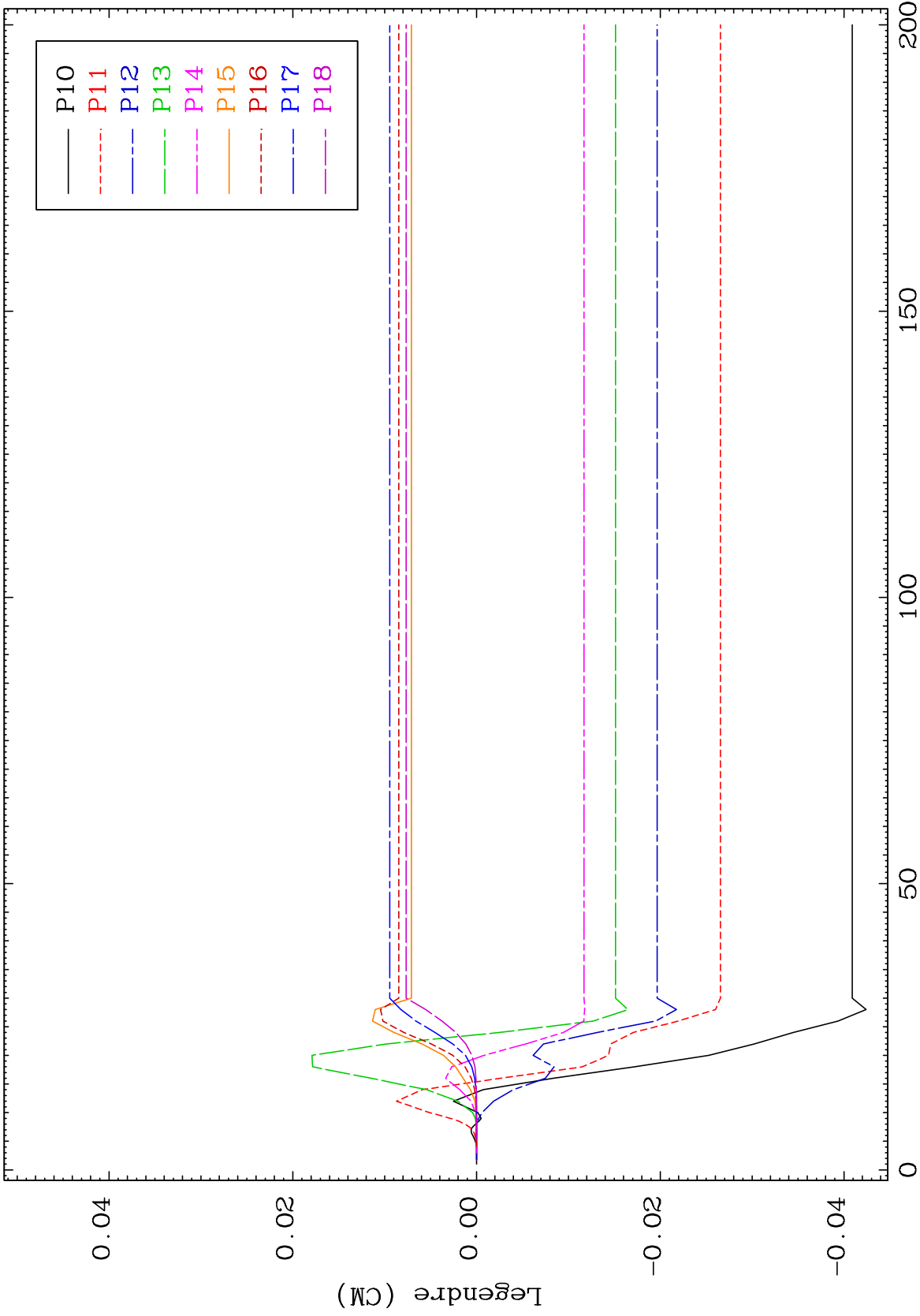


29 40-Zr-103

MAT 4064

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

40-Zr-103



30

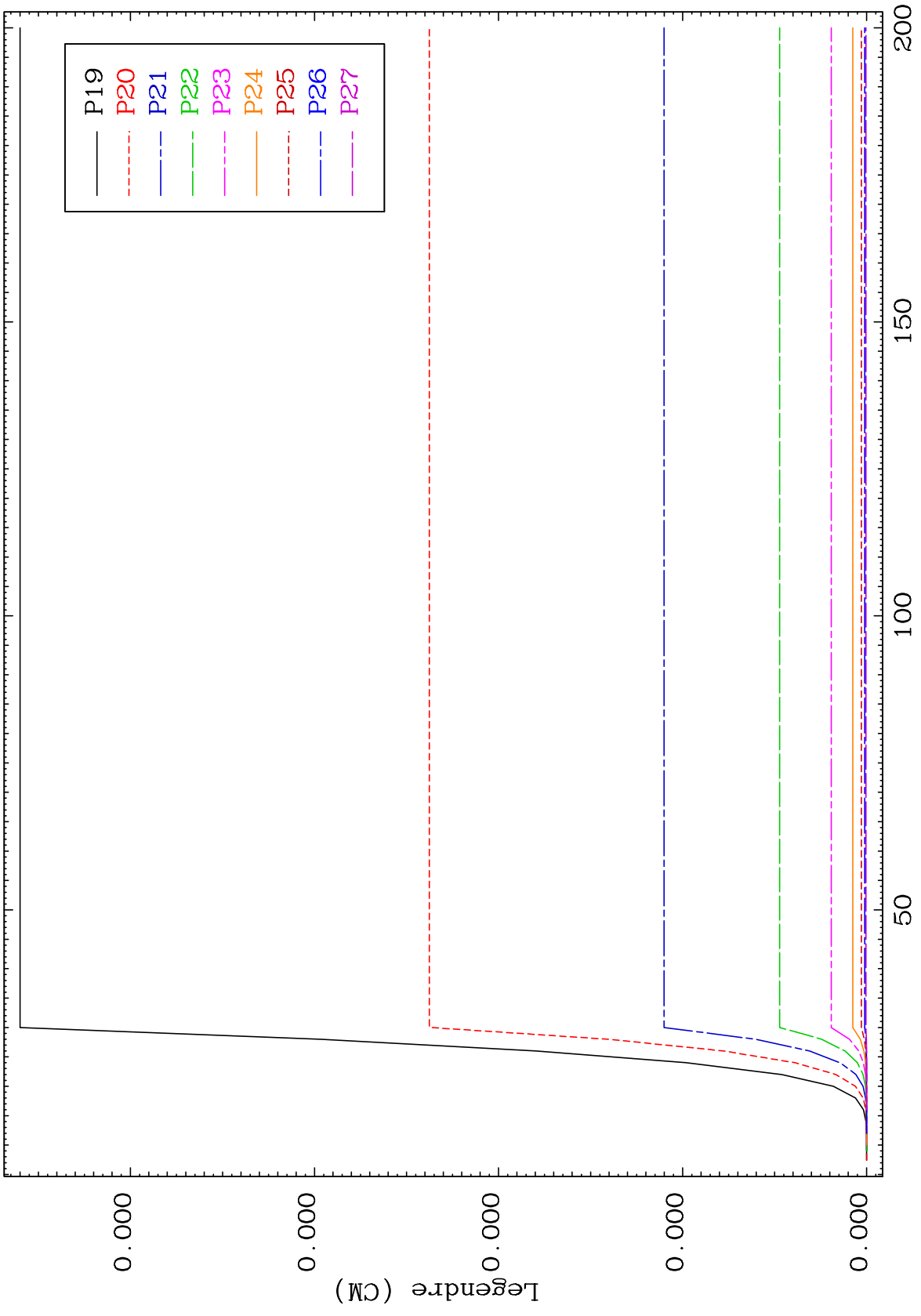
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



31

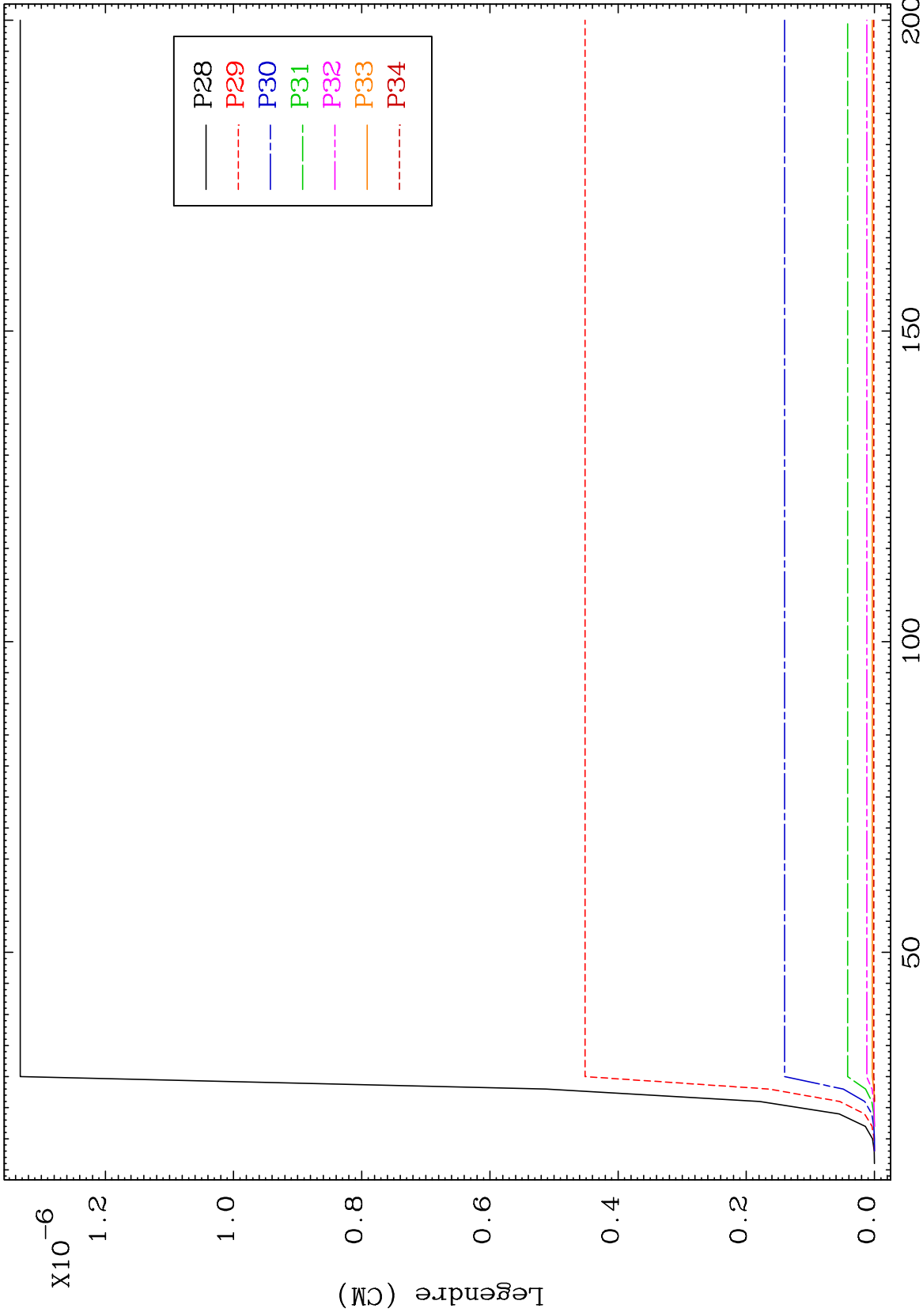
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



32

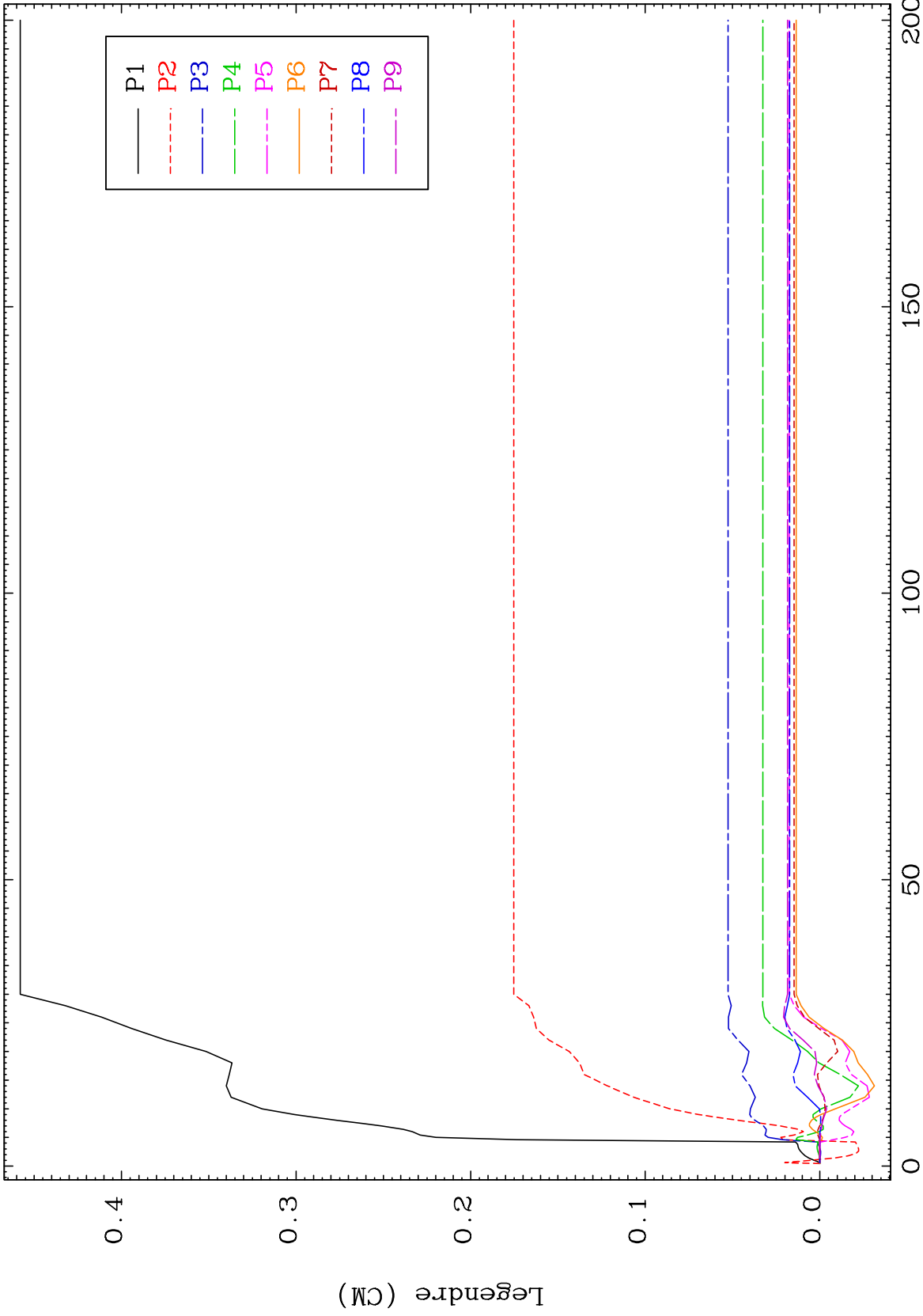
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103

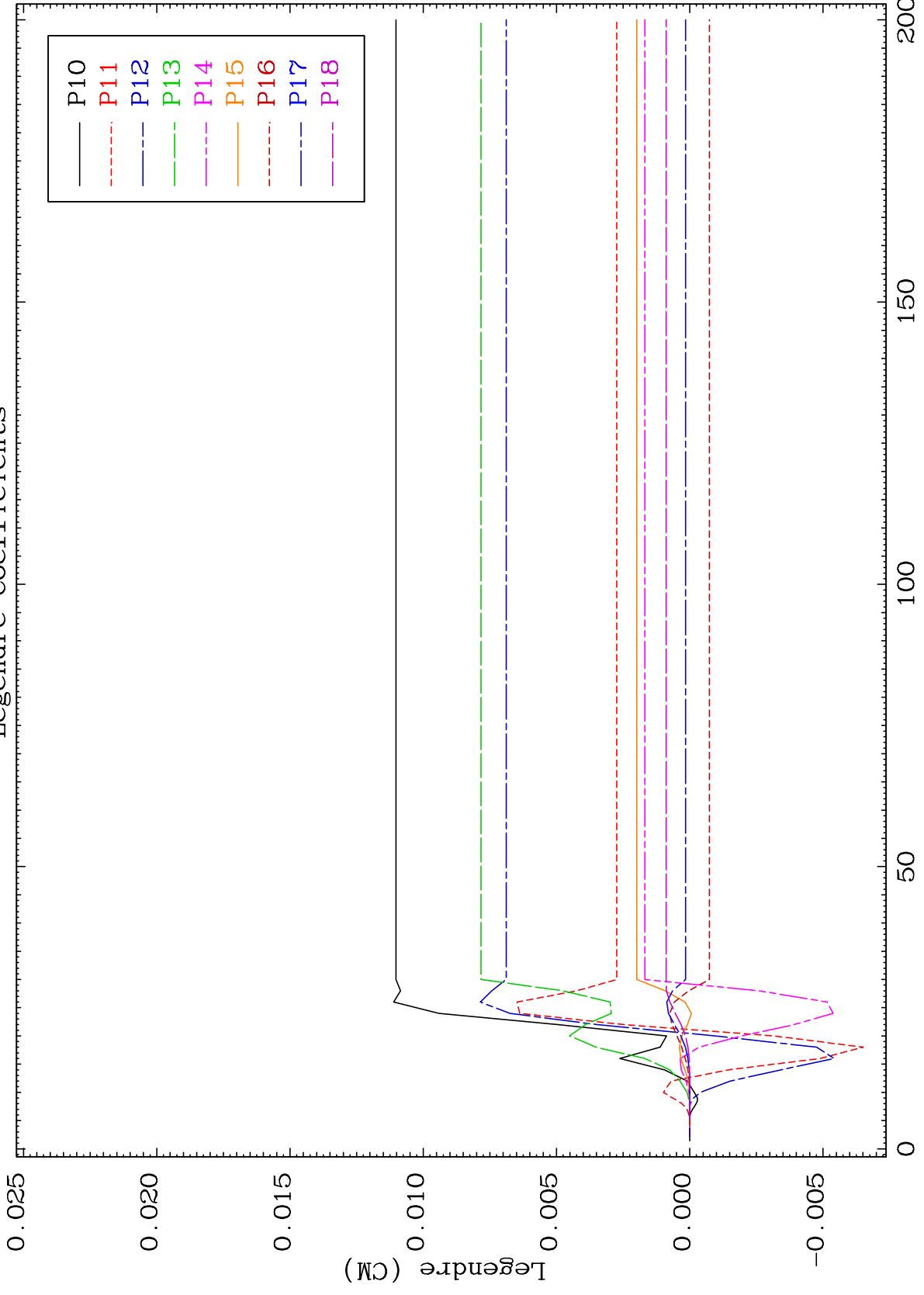


33

Incident Energy (MeV)

40-Zr-103

MAT 4064 MT= 55 (n,n') Level Legendre Coefficients 40-Zr-103



40-Zr-103

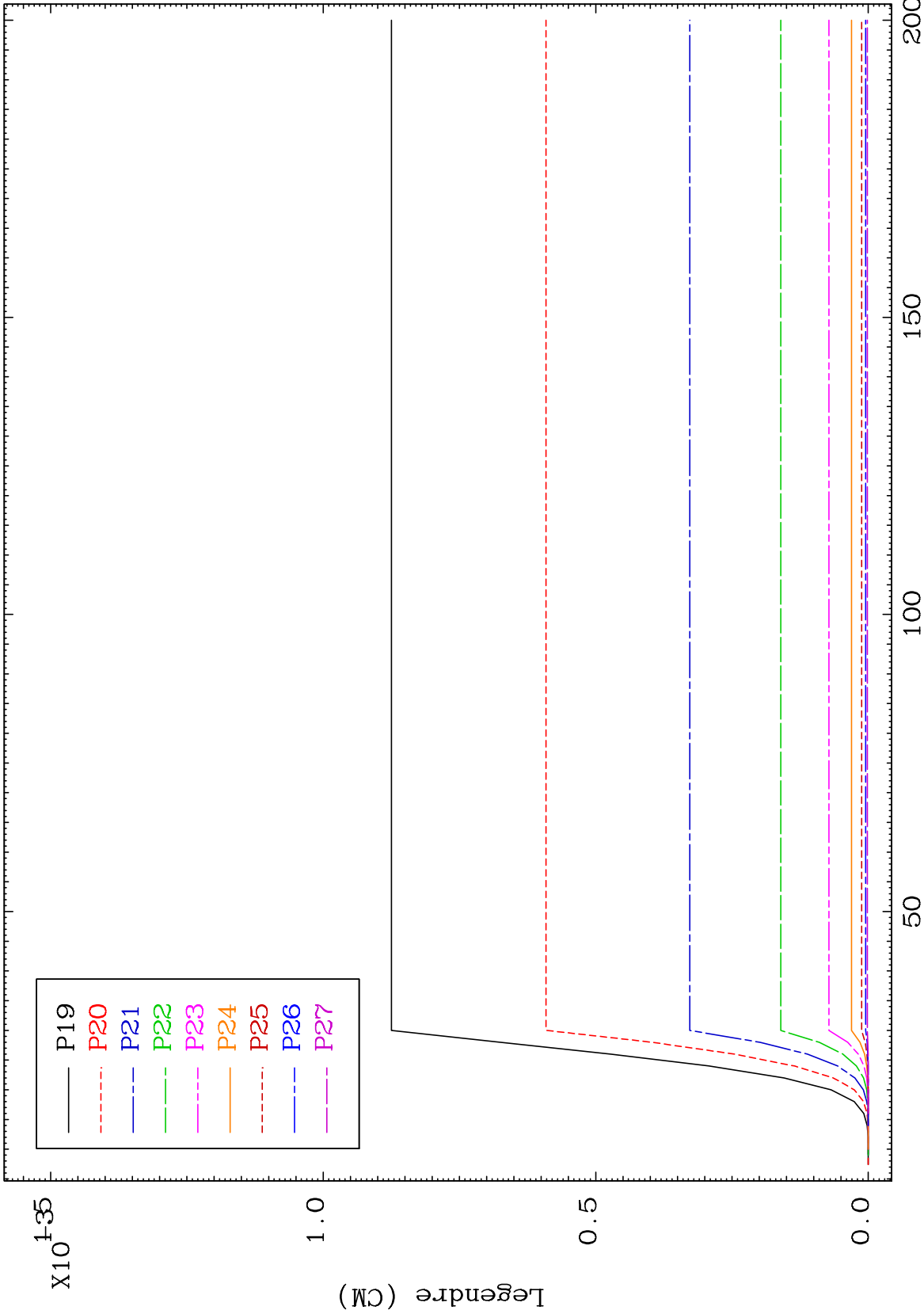
Incident Energy (MeV)

34

MAT 4064

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

40-Zr-103



35

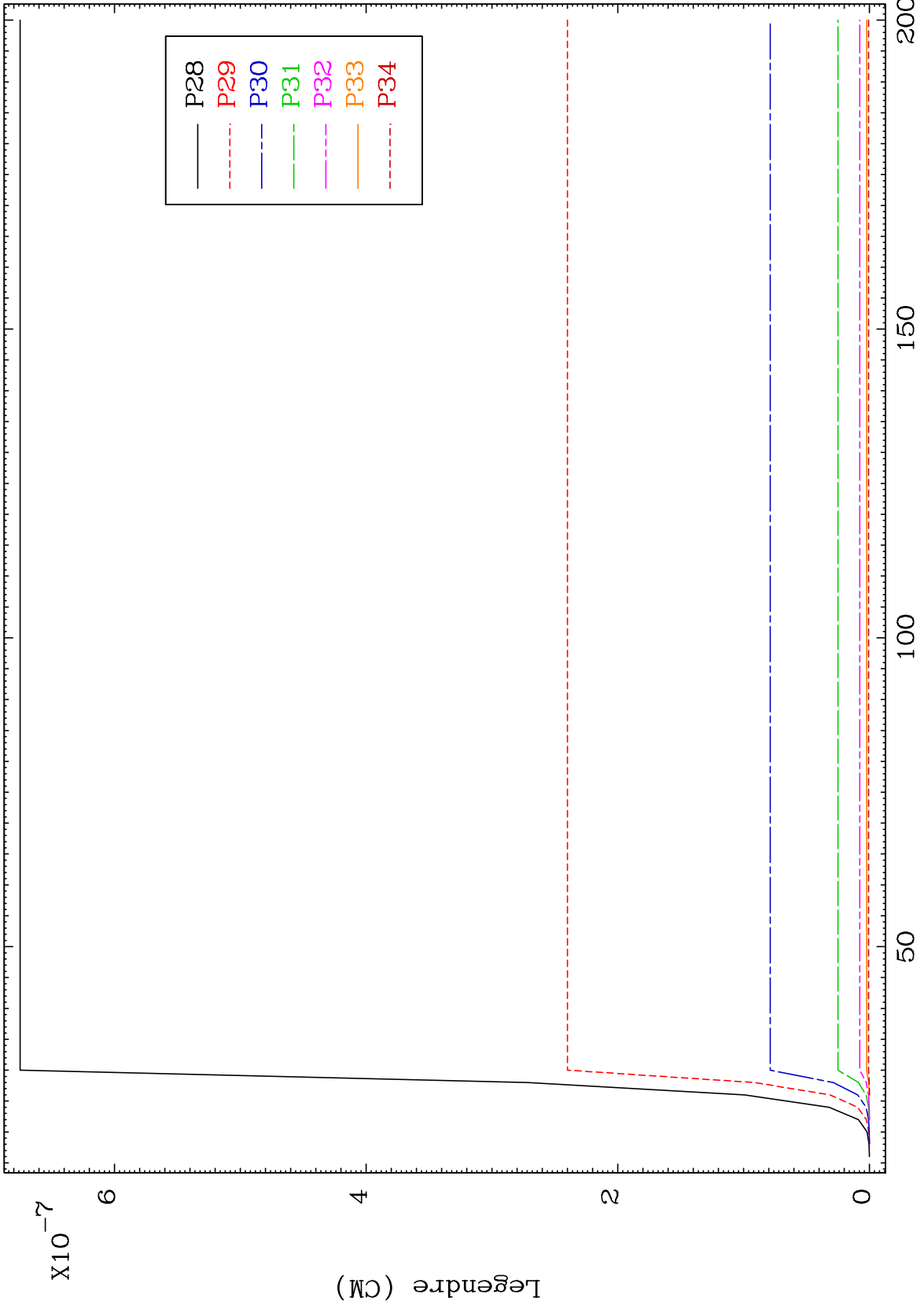
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



36

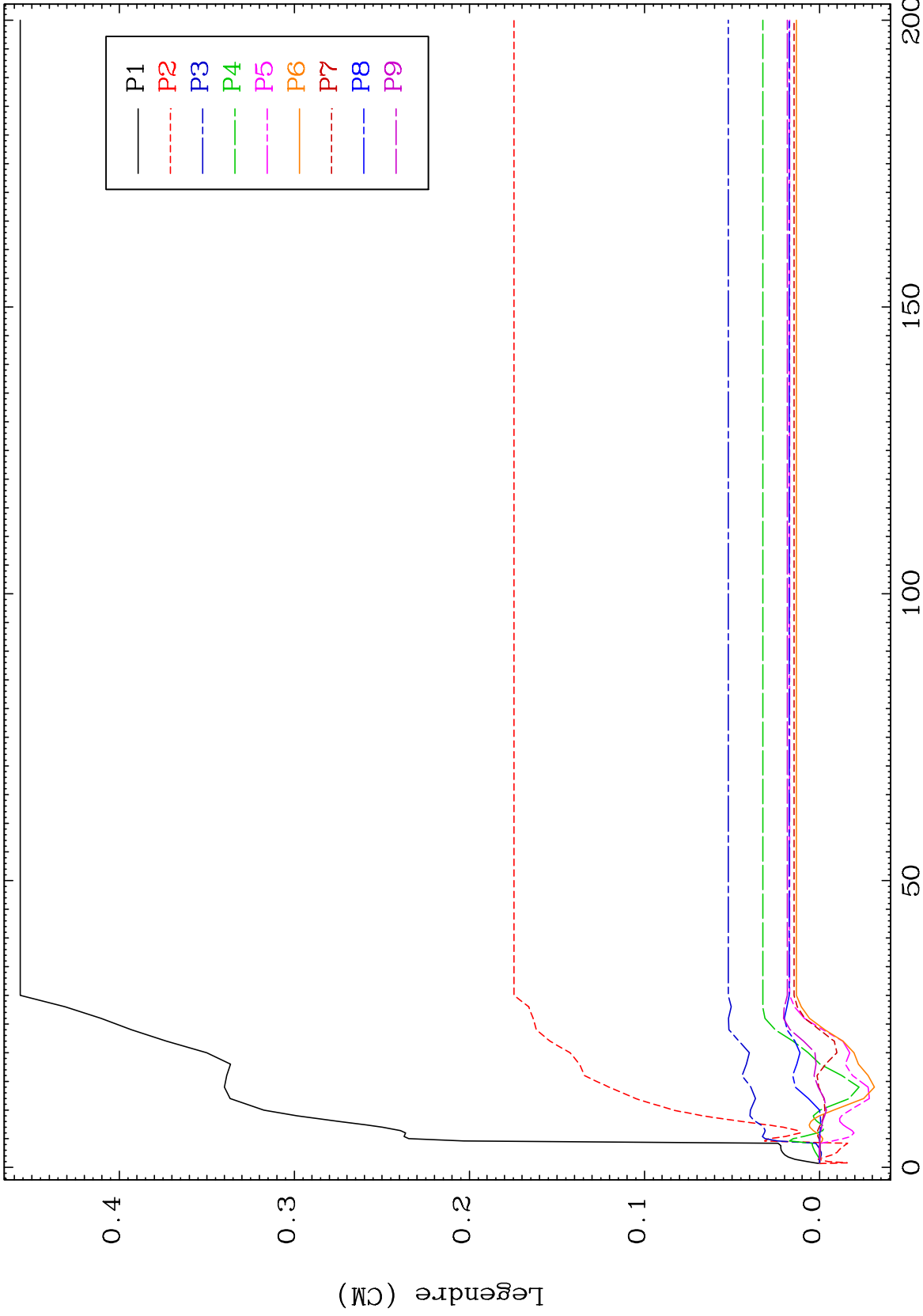
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103

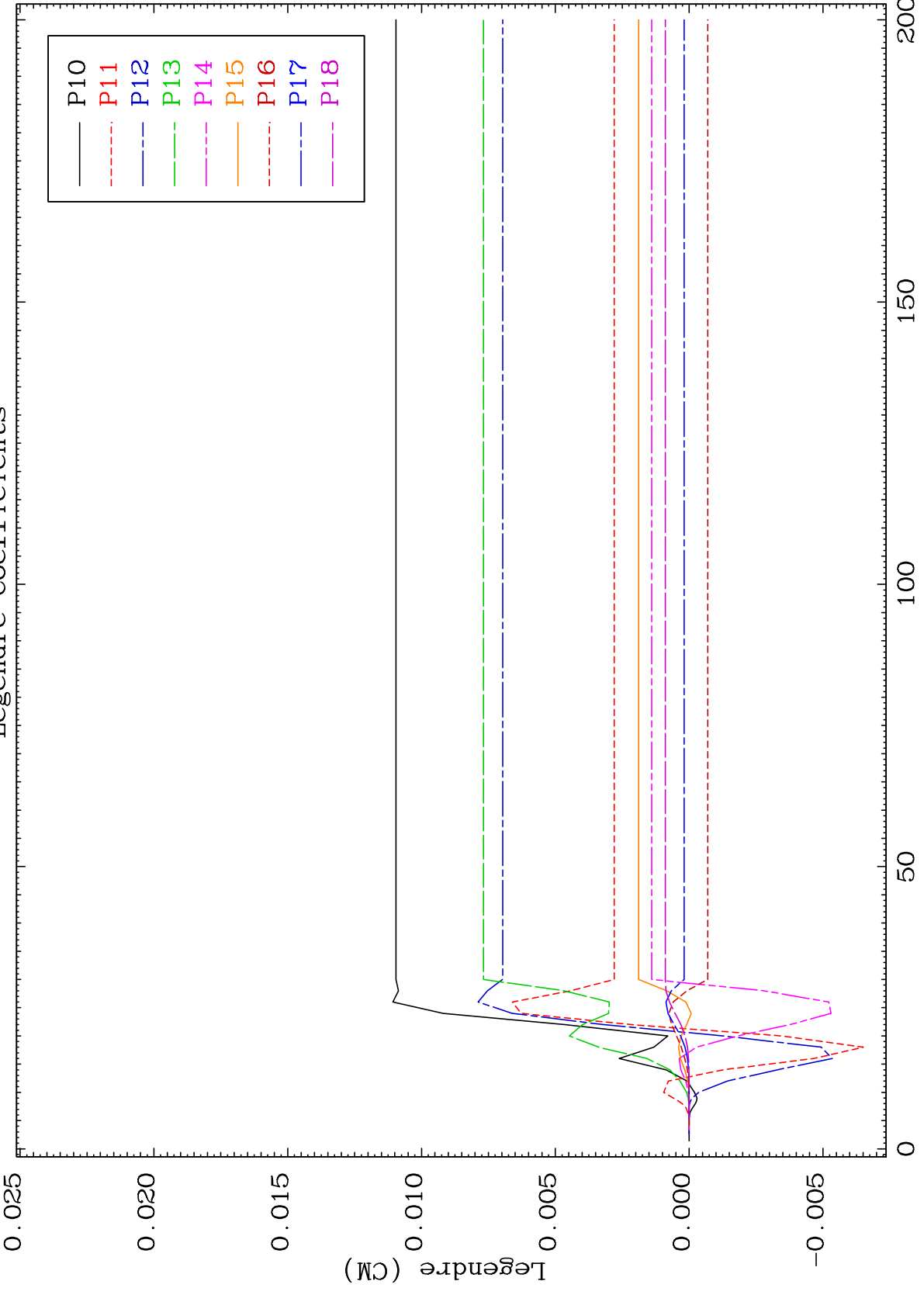


37

Incident Energy (MeV)

40-Zr-103

MAT 4064 MT= 56 (n,n') Level Legendre Coefficients 40-Zr-103

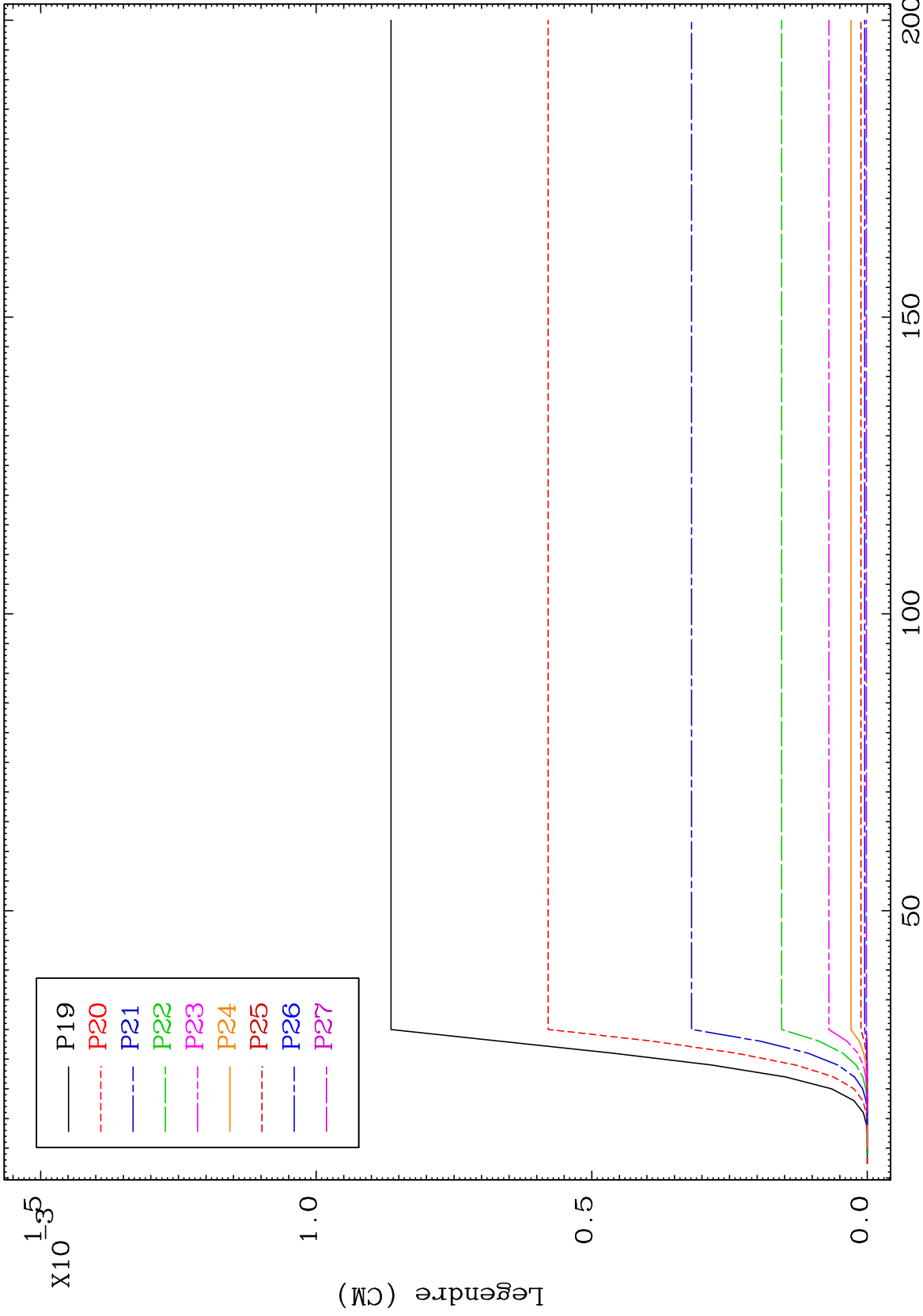


38 40-Zr-103

MAT 4064

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

40-Zr-103



39

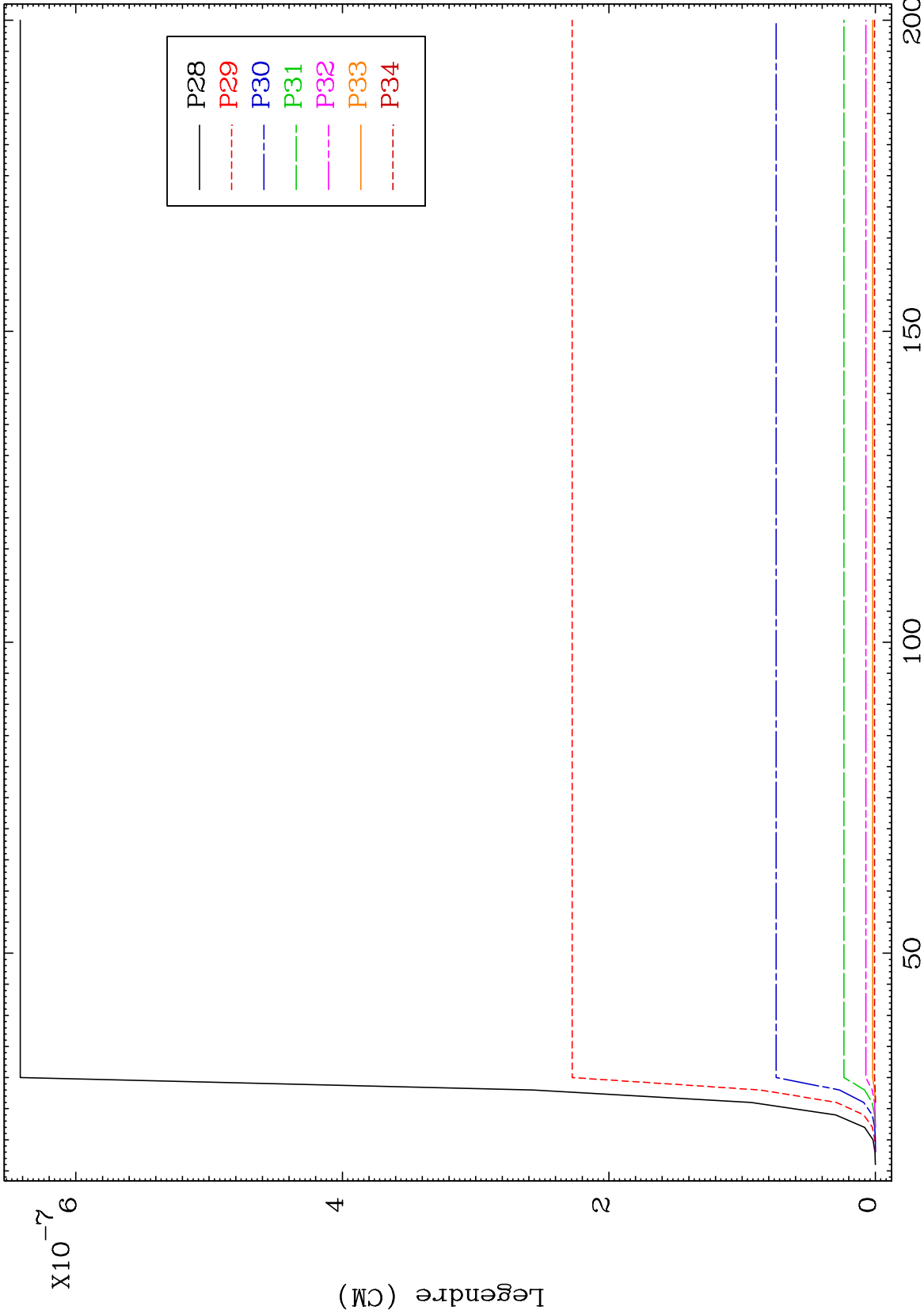
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



40

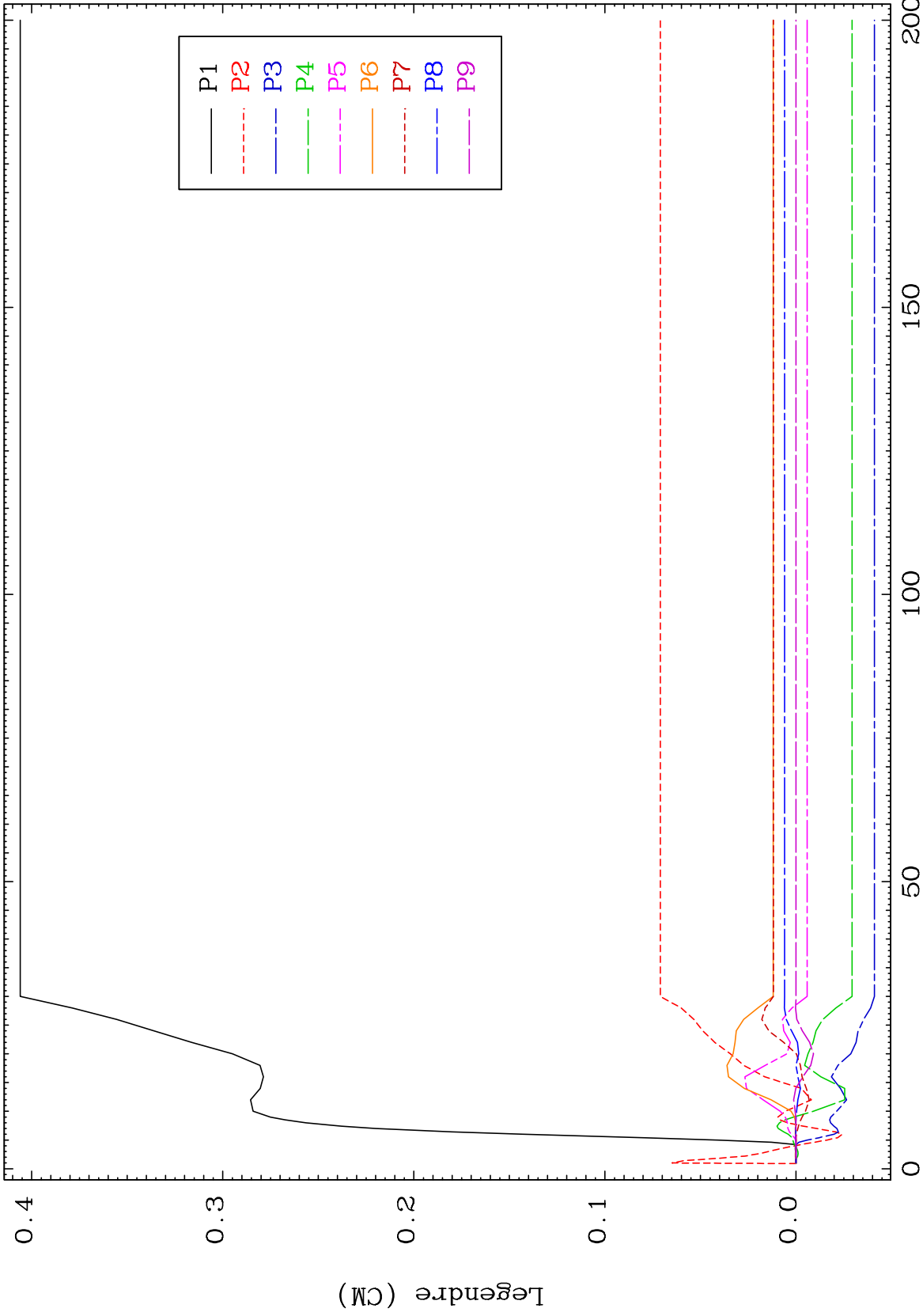
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



41

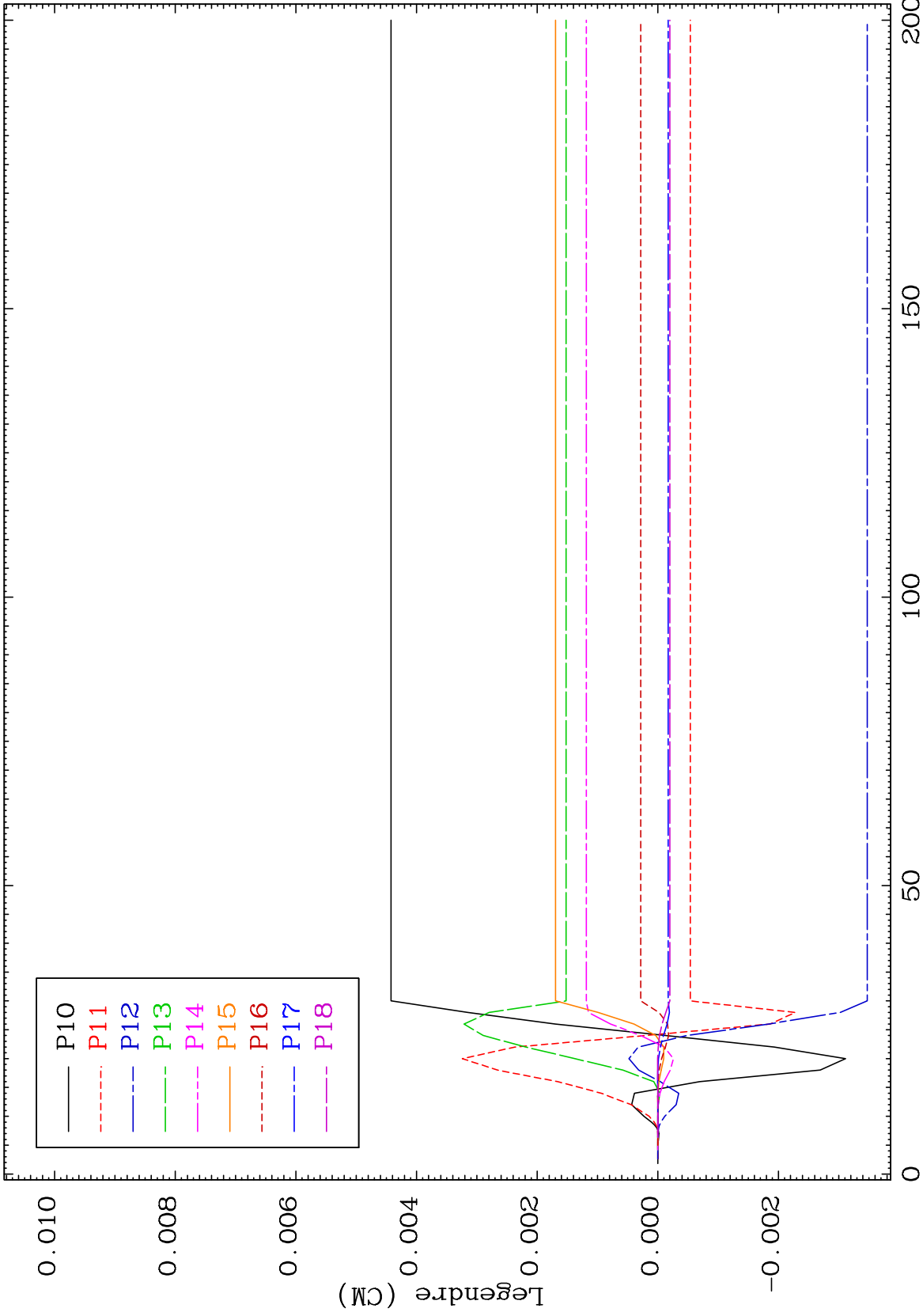
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



42

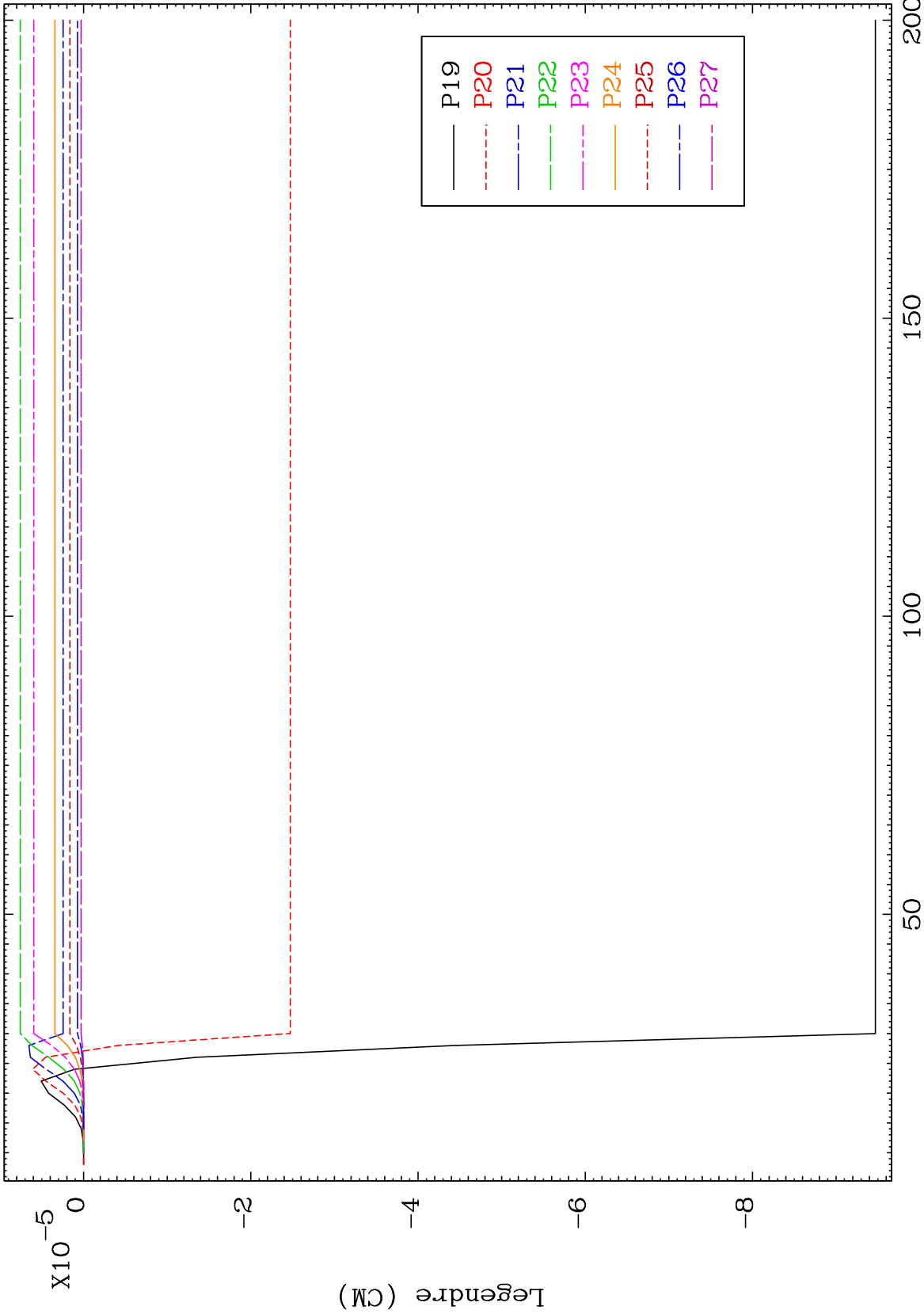
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



43

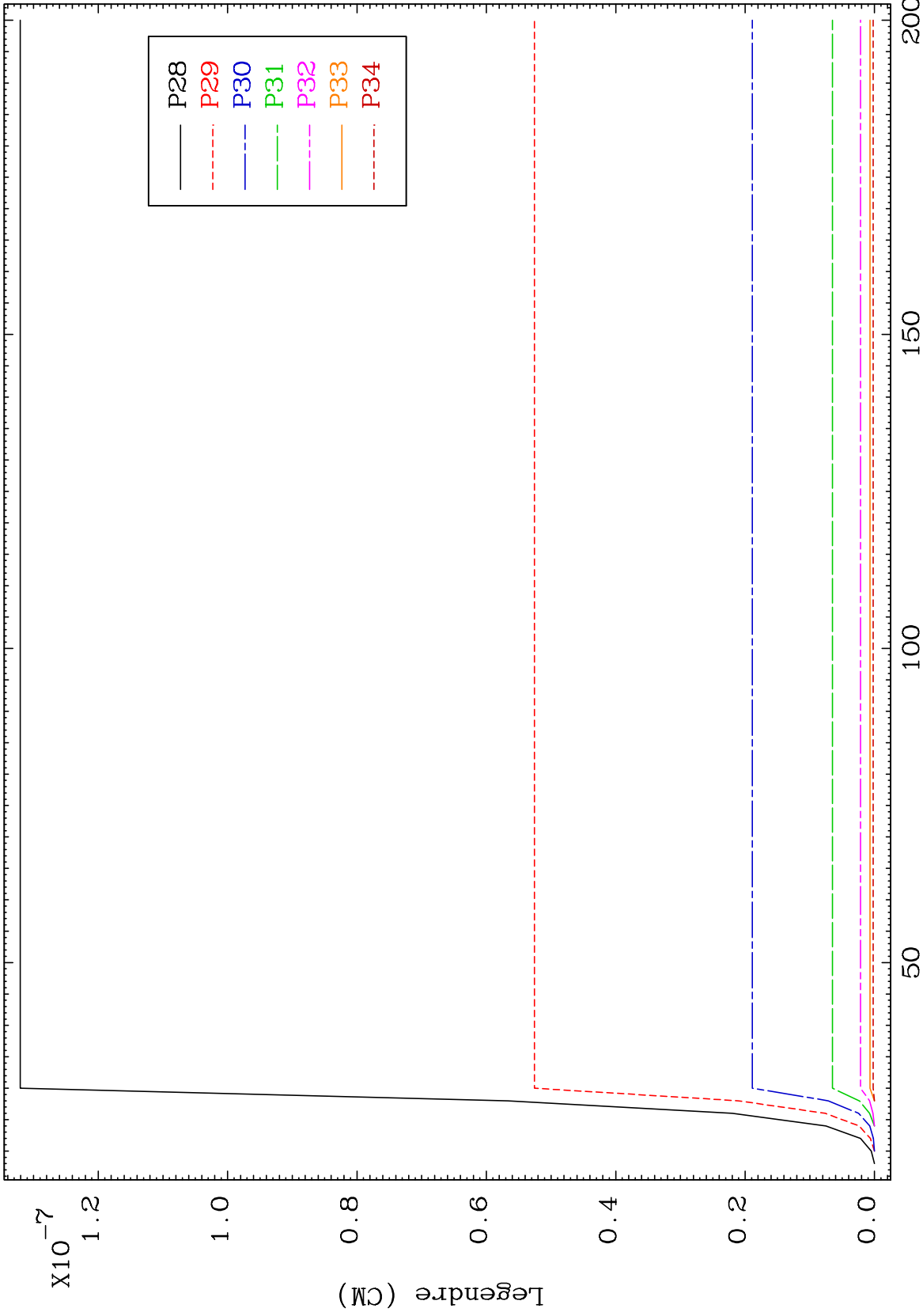
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



44

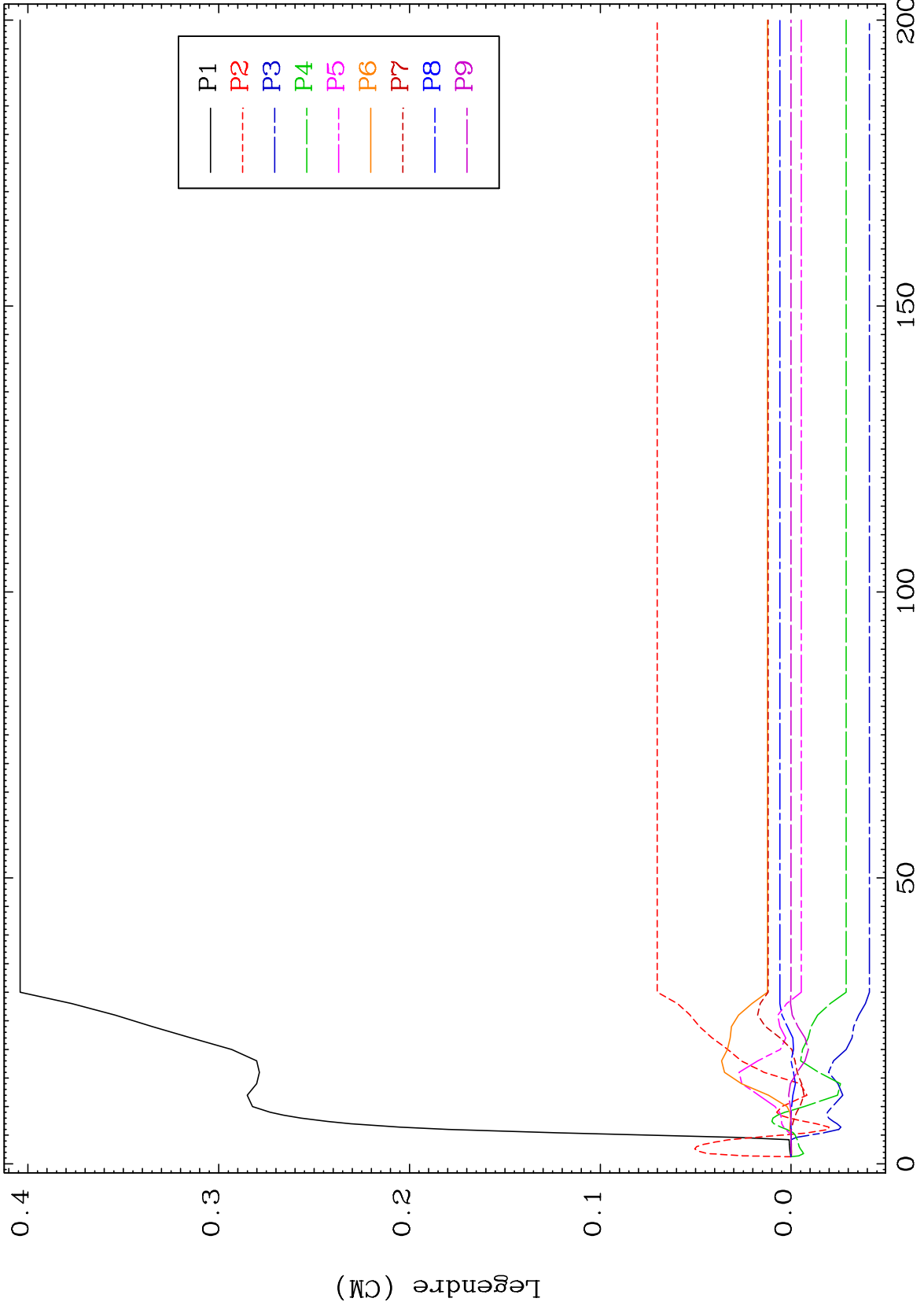
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



45

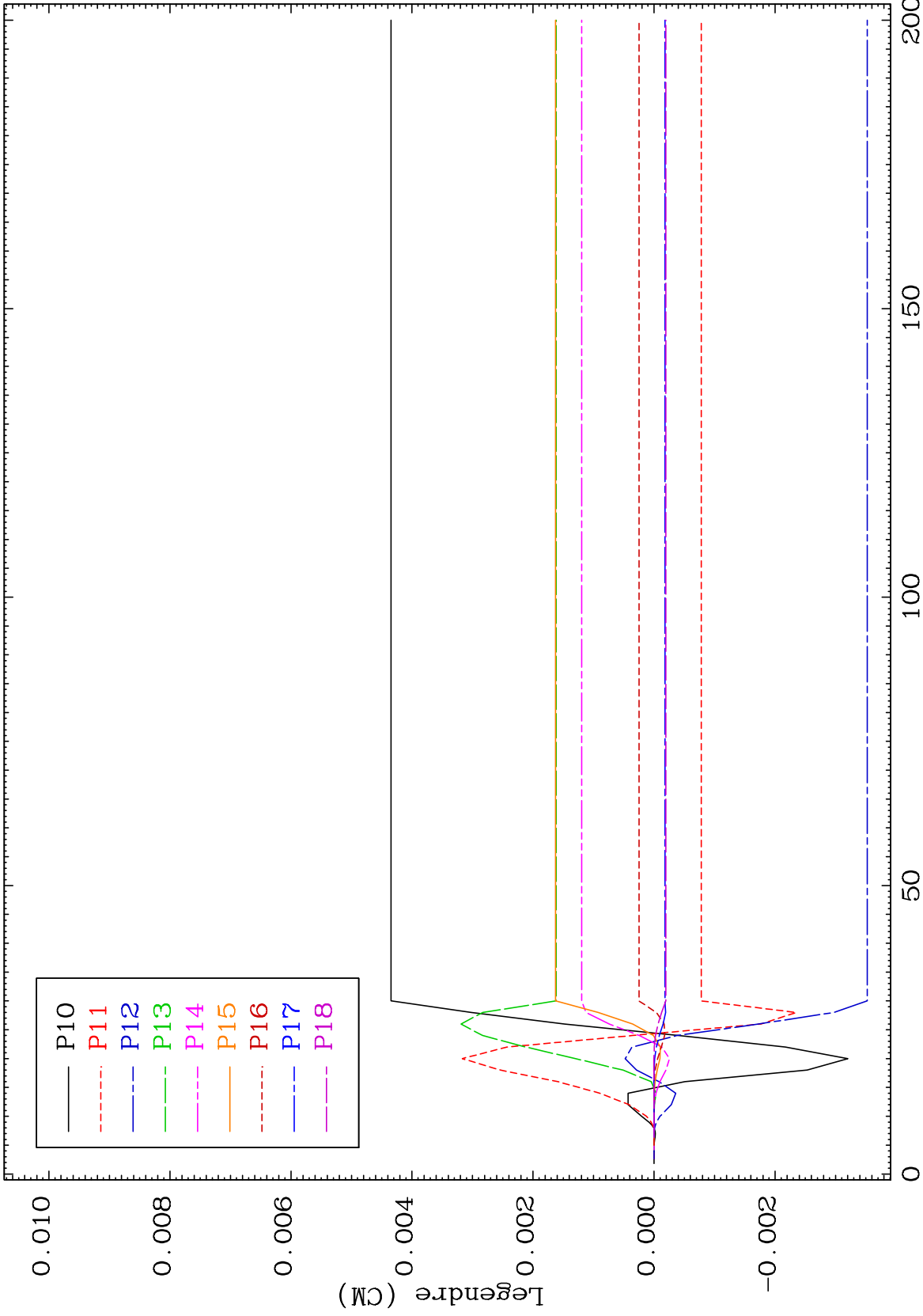
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



46

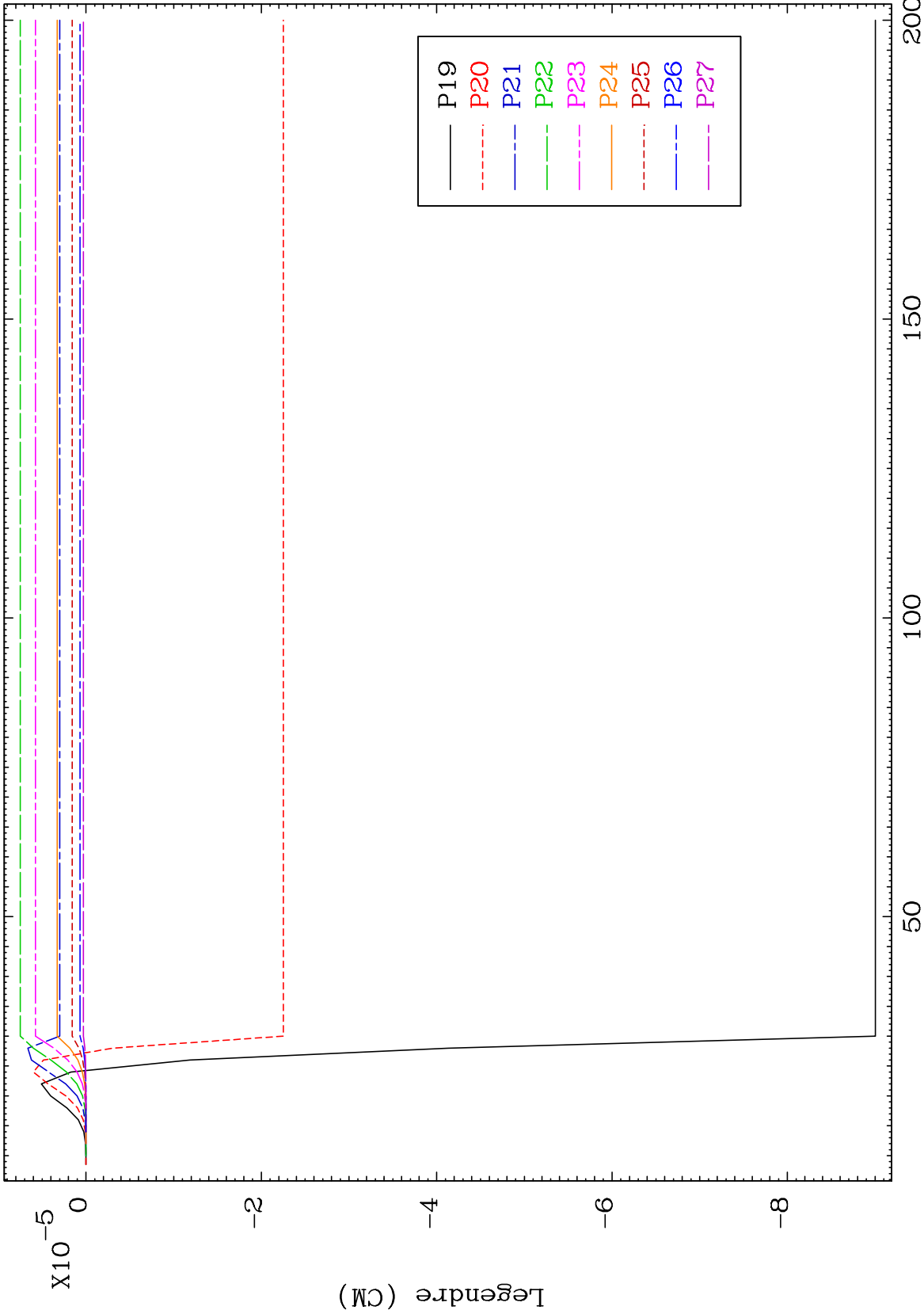
Incident Energy (MeV)

40-Zr-103

MAT 4064

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

40-Zr-103



40-Zr-103

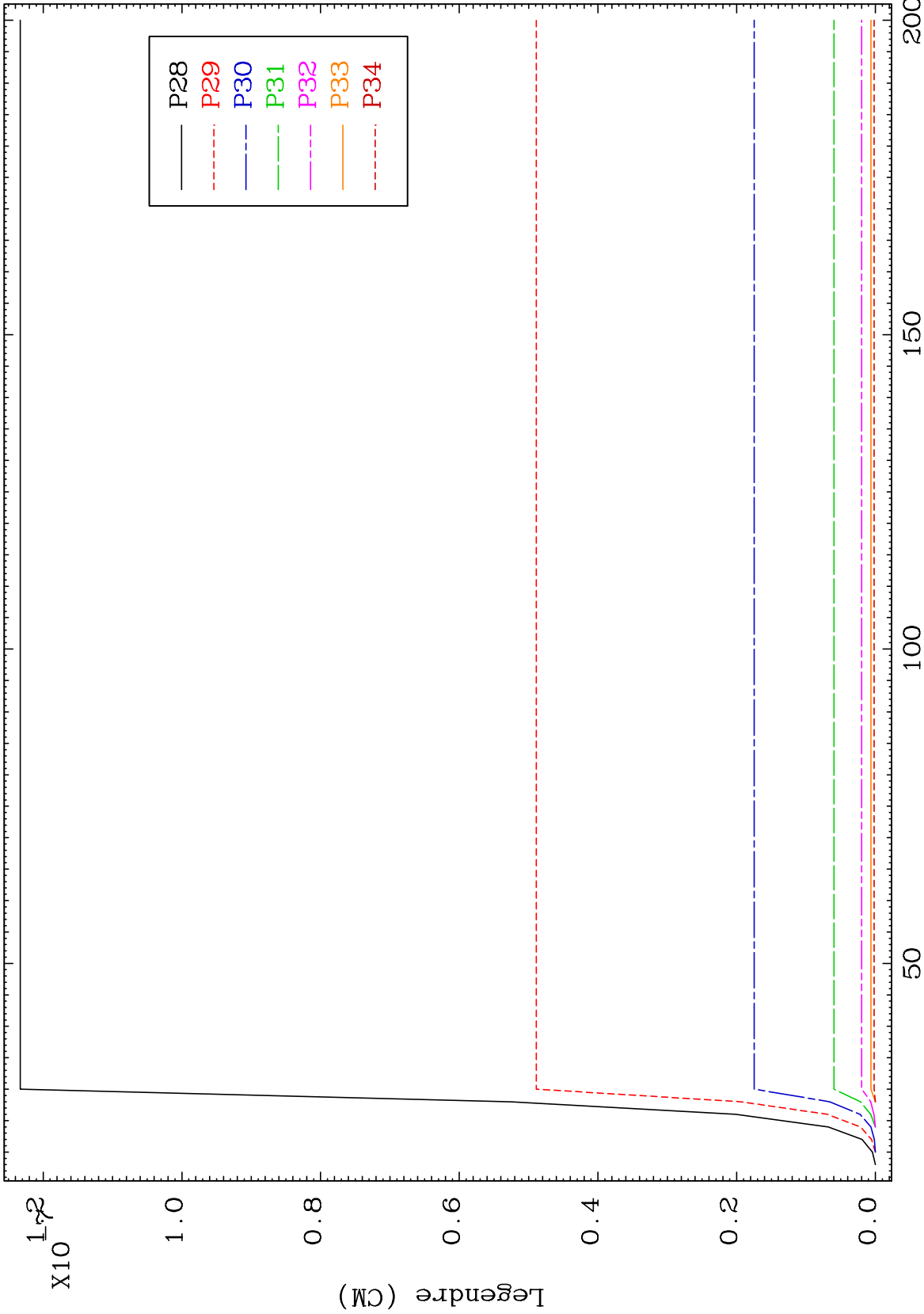
Incident Energy (MeV)

47

MAT 4064

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

40-Zr-103



48

Incident Energy (MeV)

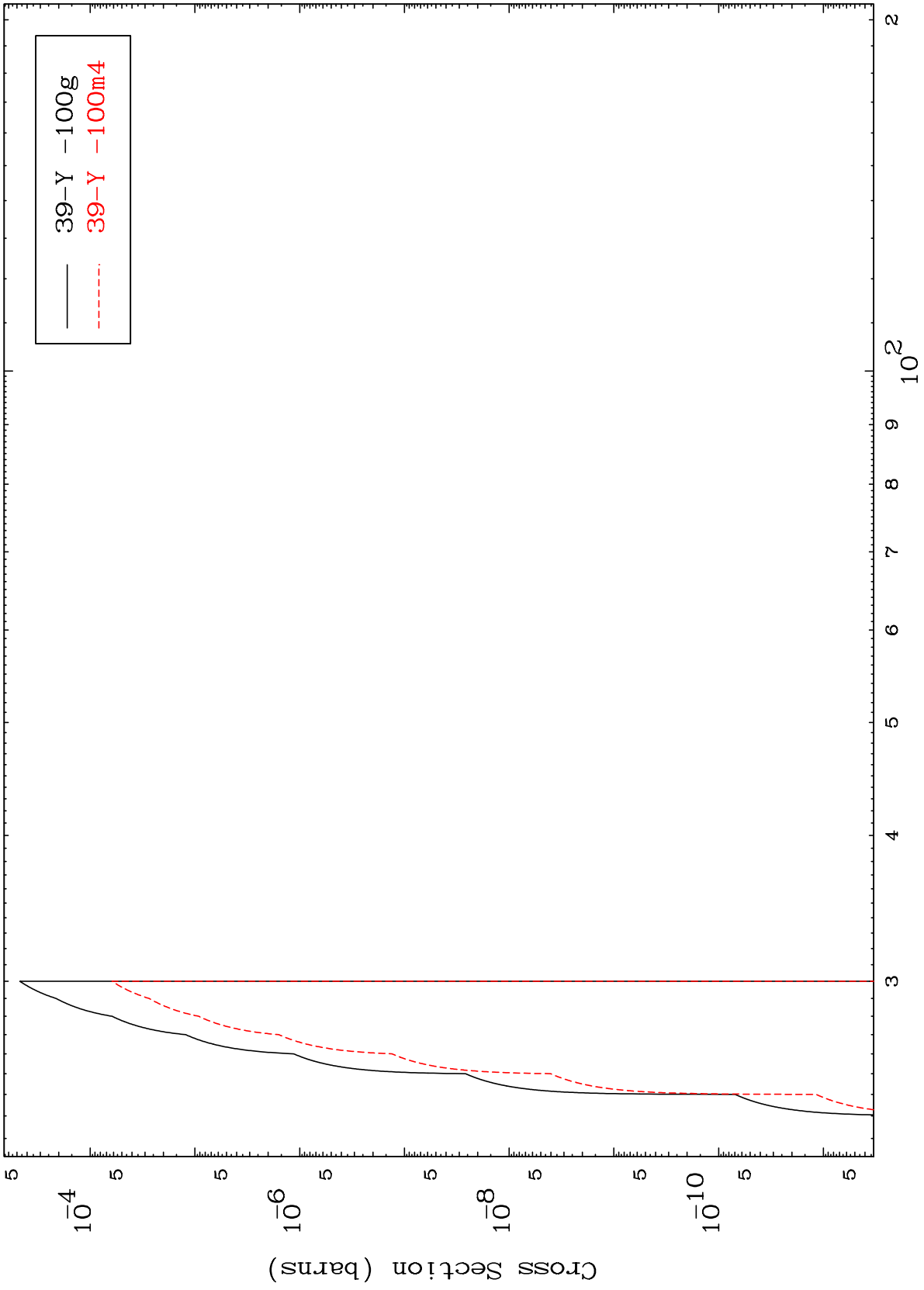
40-Zr-103

MAT 4064

(n,2n) d

40-Zr-103

Radionuclide Production Cross Section



39-Y - 100g
39-Y - 100m4

49

Incident Energy (MeV)

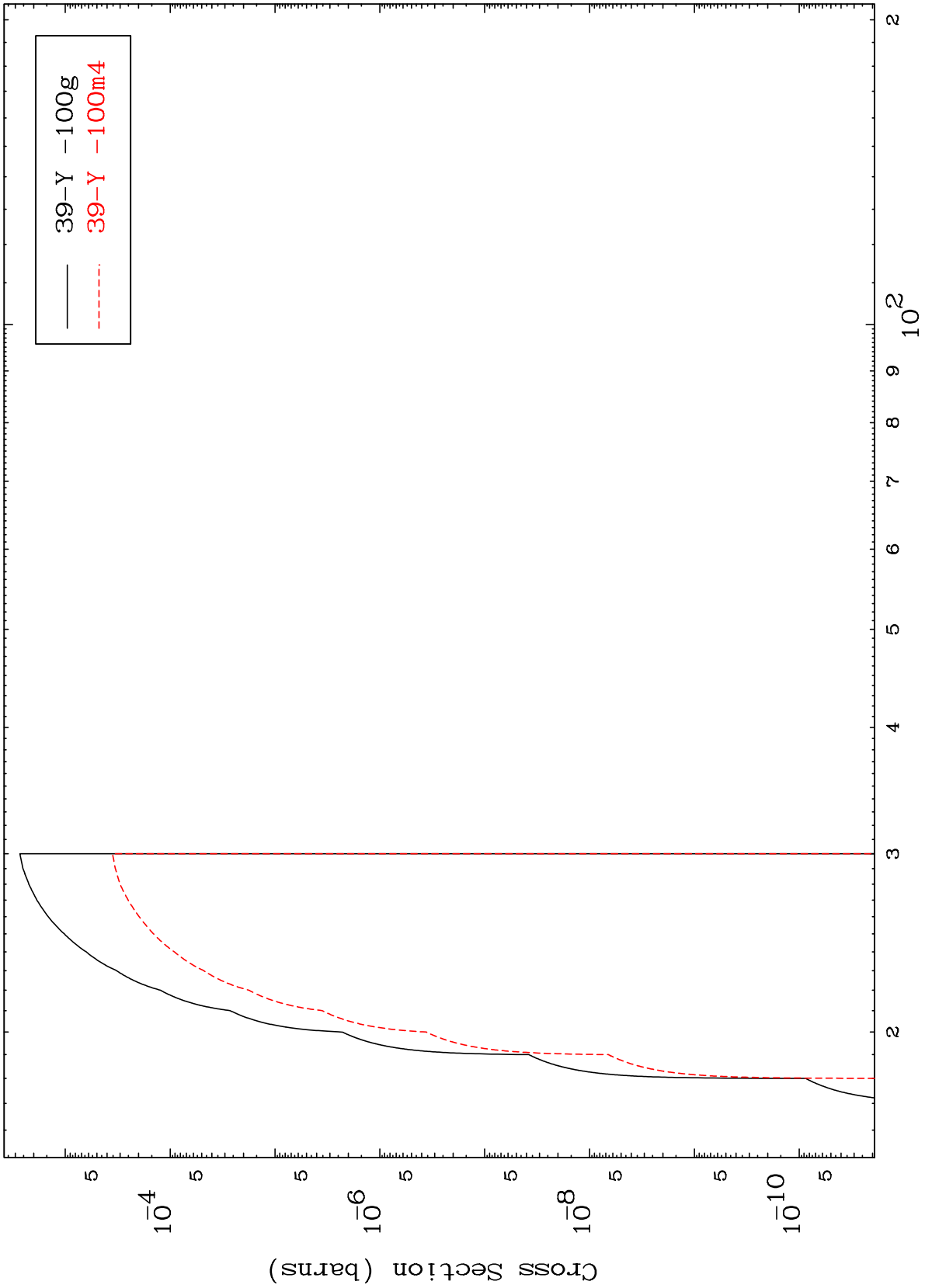
40-Zr-103

MAT 4064

(n,n') t

40-Zr-103

Radionuclide Production Cross Section



50

Incident Energy (MeV)

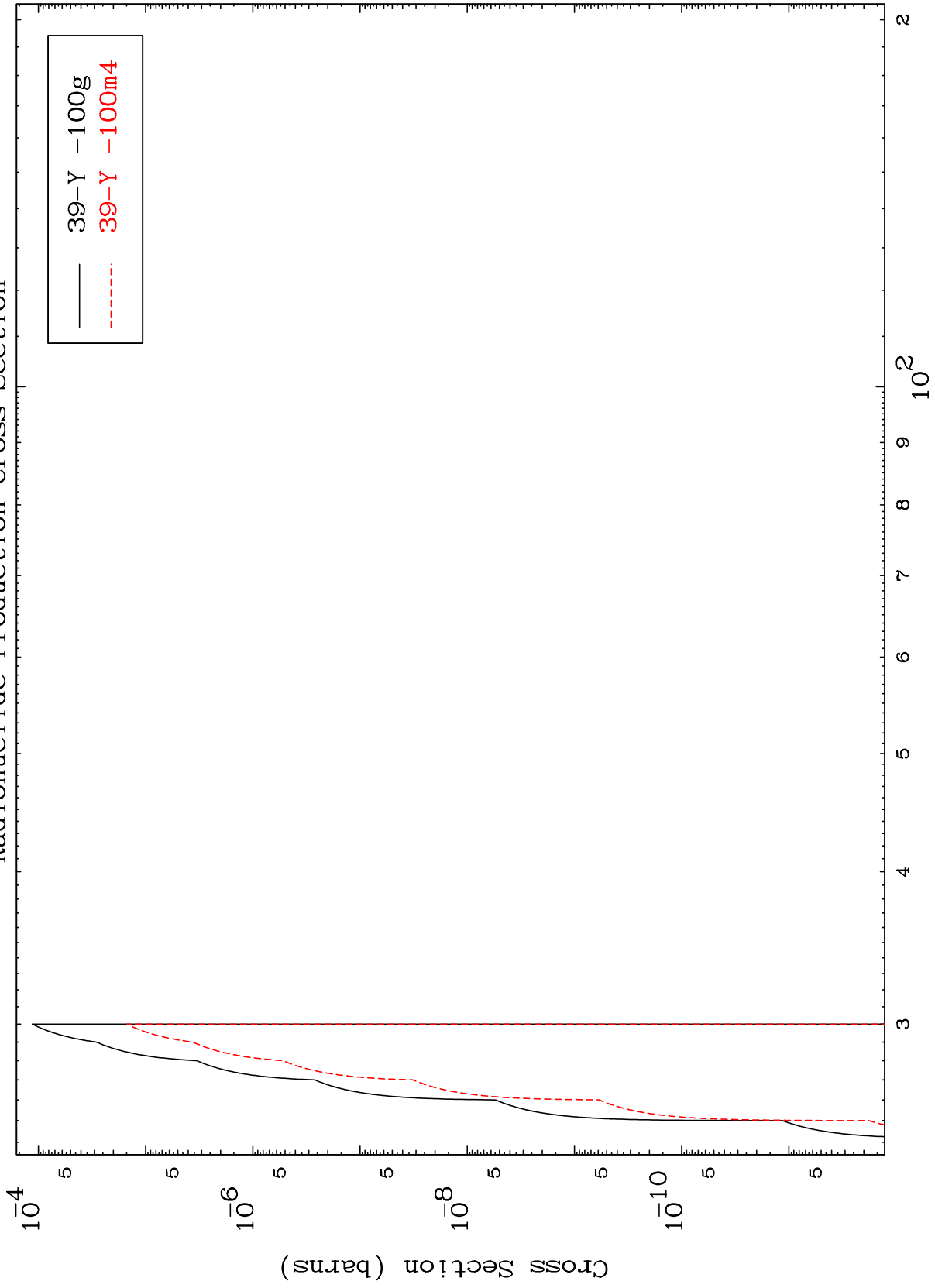
40-Zr-103

MAT 4064

(n,3n) p

40-Zr-103

Radionuclide Production Cross Section



51

Incident Energy (MeV)

40-Zr-103