

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

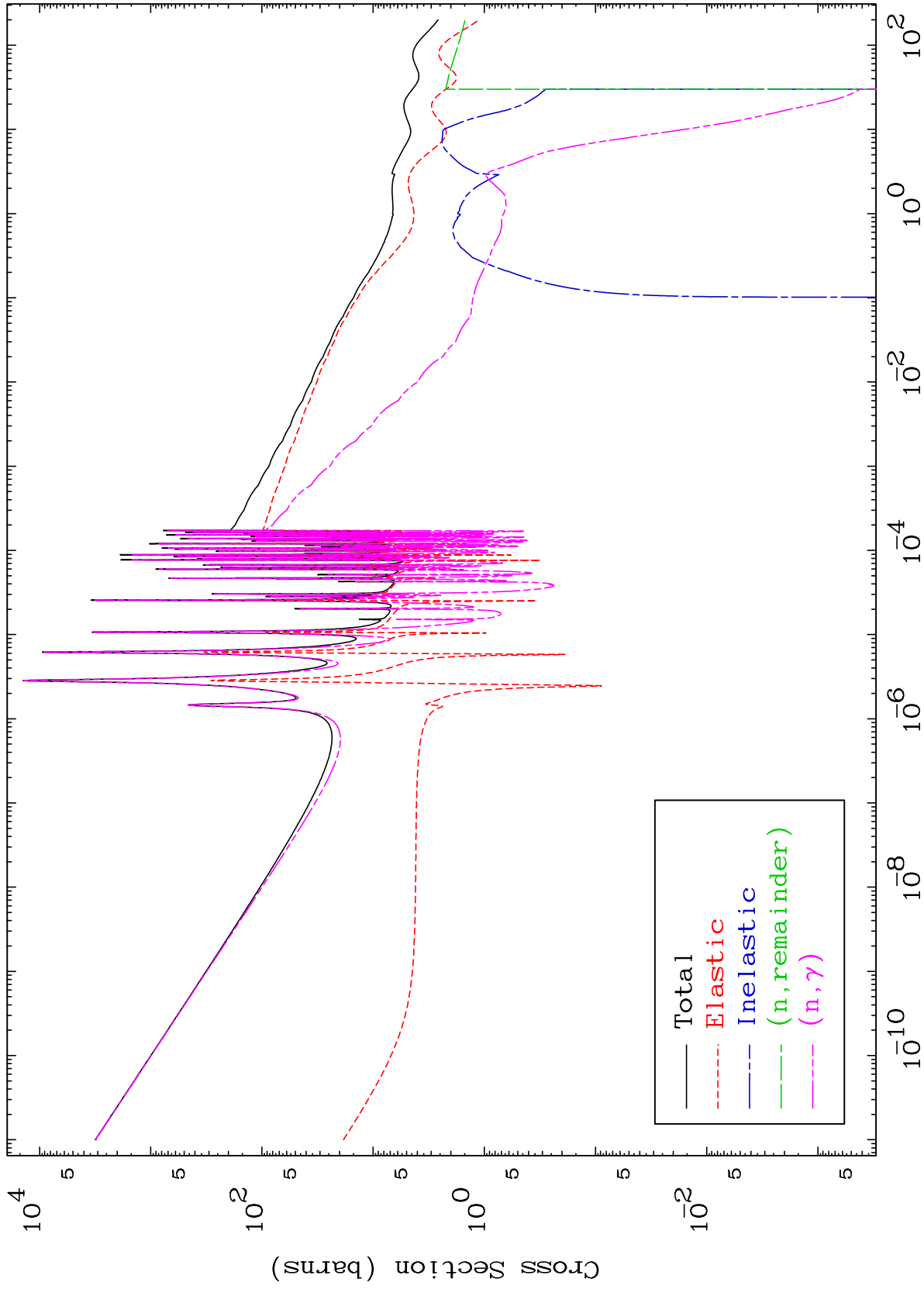
Press Mouse Button to Start

MAT 7213

Major

293 Kelvin Cross Sections

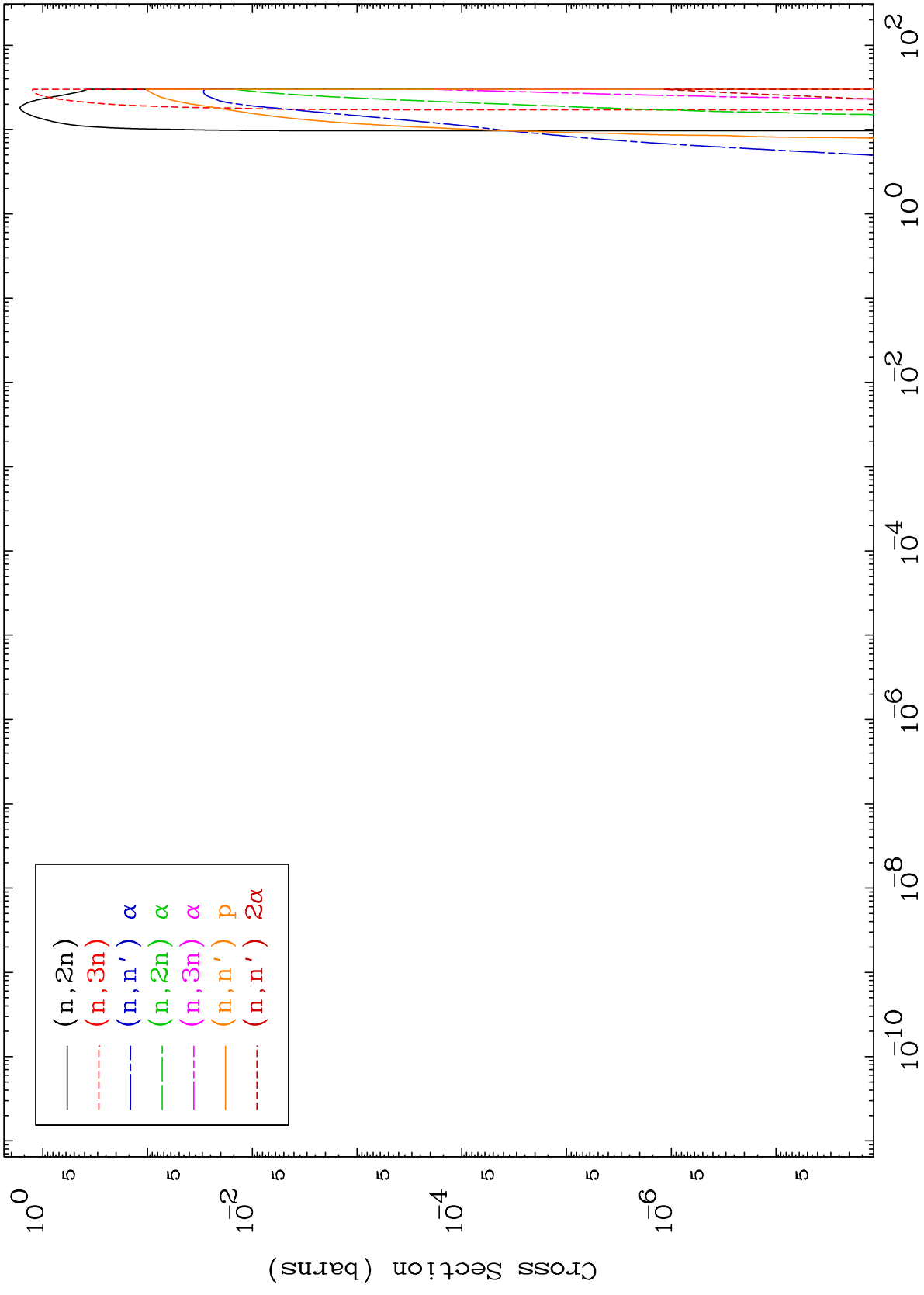
72-Hf-170



MAT 7213

Neutron Production
293 Kelvin Cross Sections

72-Hf-170



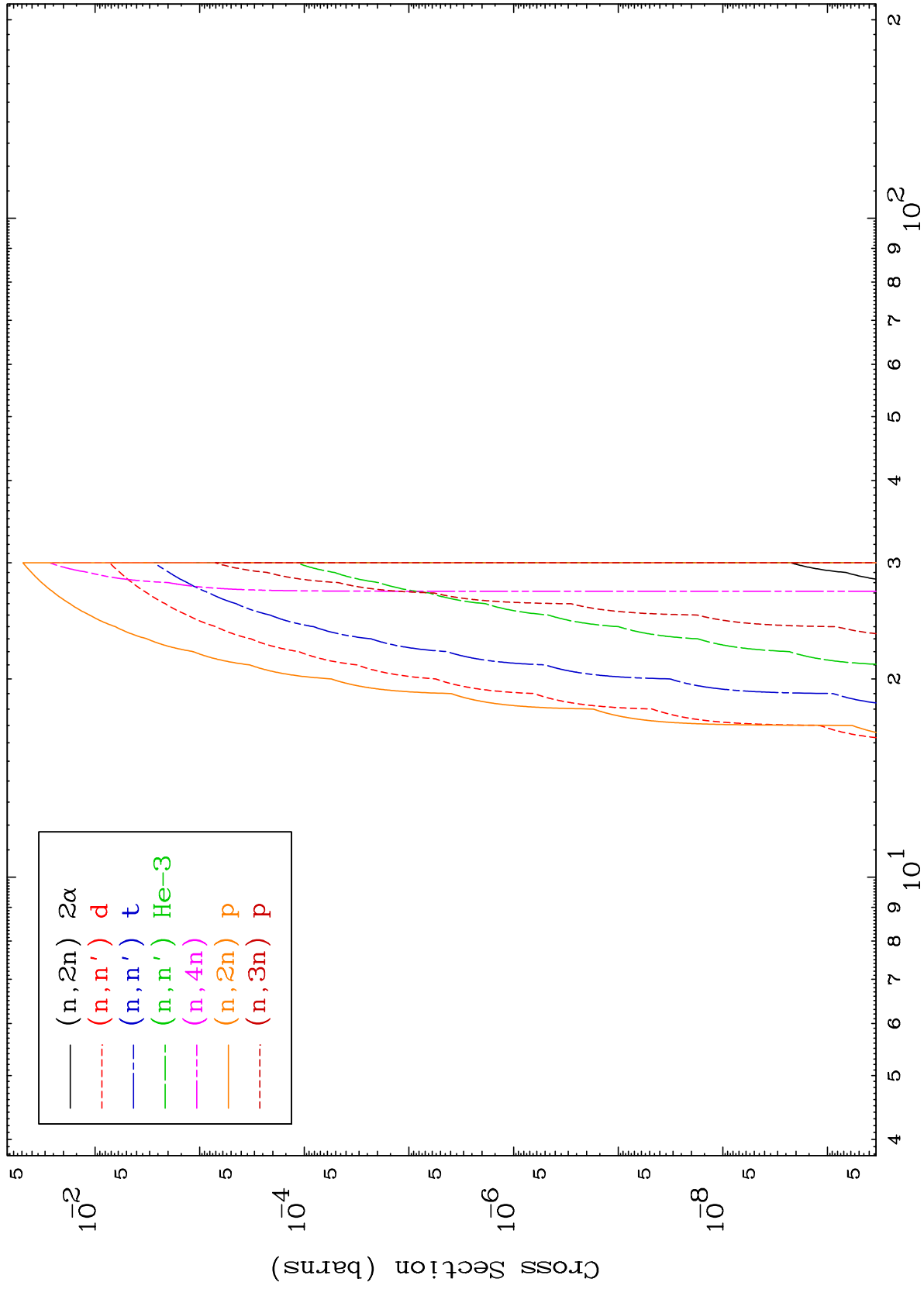
2

72-Hf-170

MAT 7213

Neutron Production
293 Kelvin Cross Sections

72-Hf-170



3

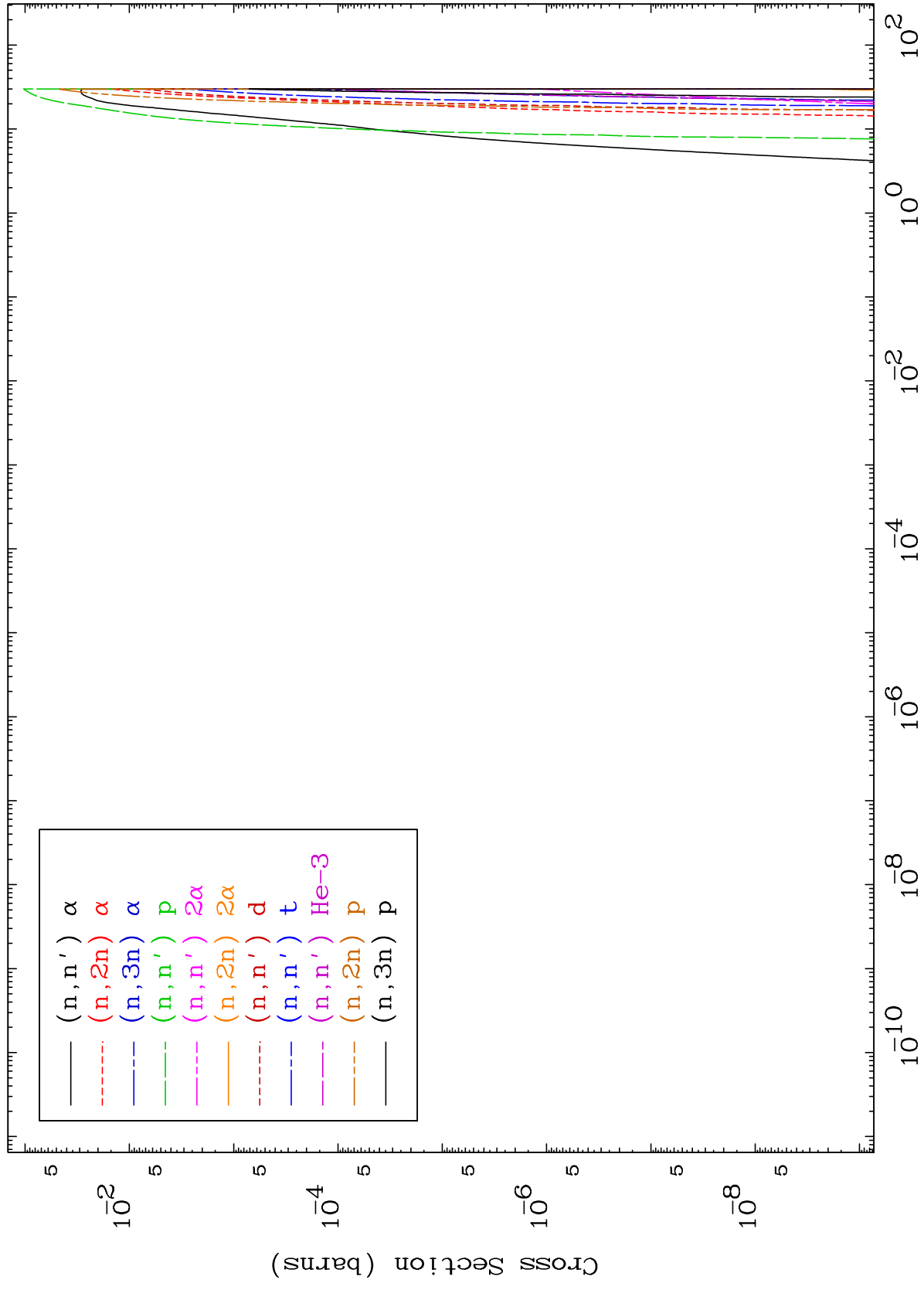
Incident Energy (MeV)

72-Hf-170

MAT 7213

293 Kelvin Cross Sections

72-Hf-170



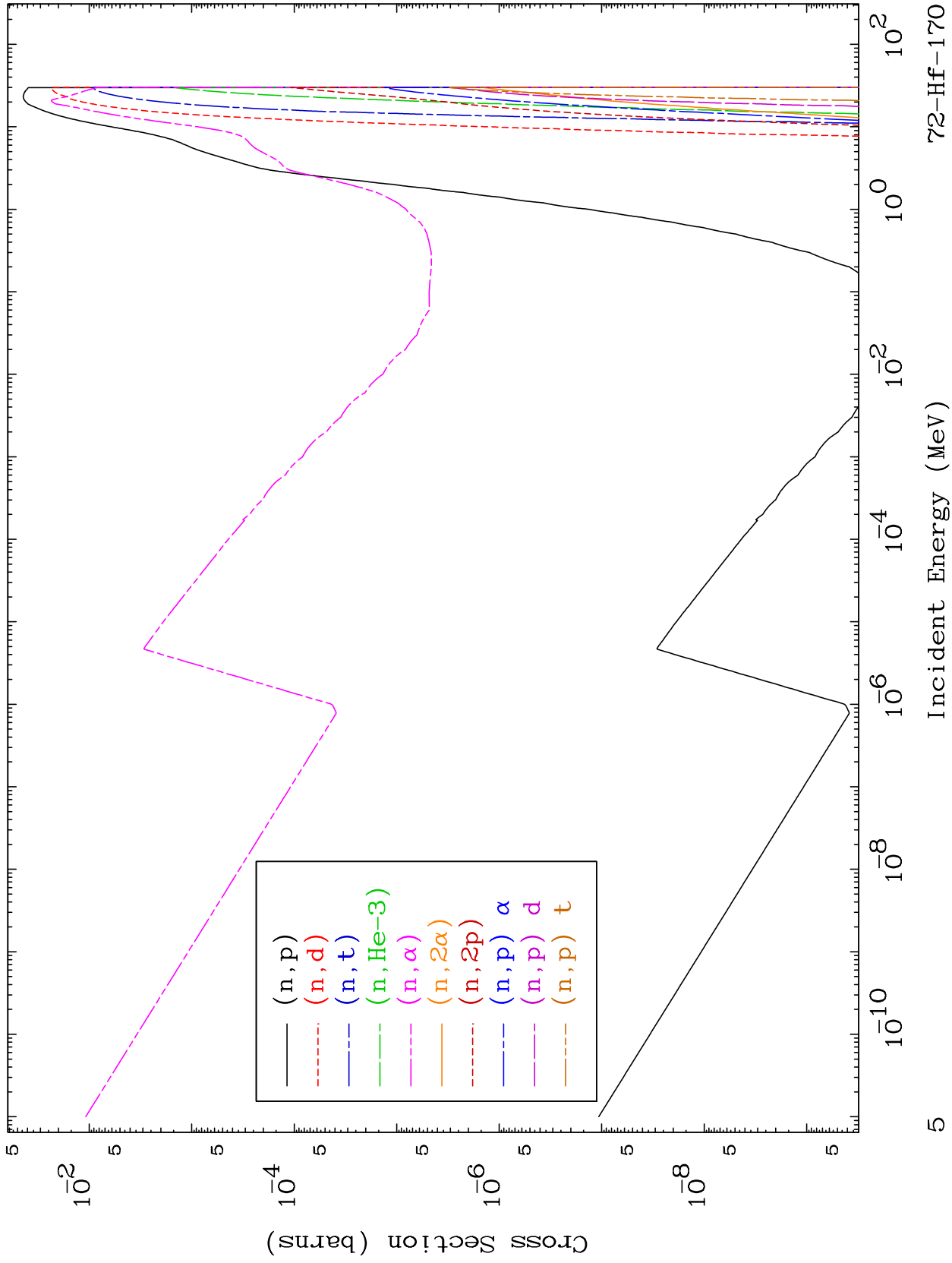
72-Hf-170

Incident Energy (MeV)

MAT 7213

293 Kelvin Cross Sections

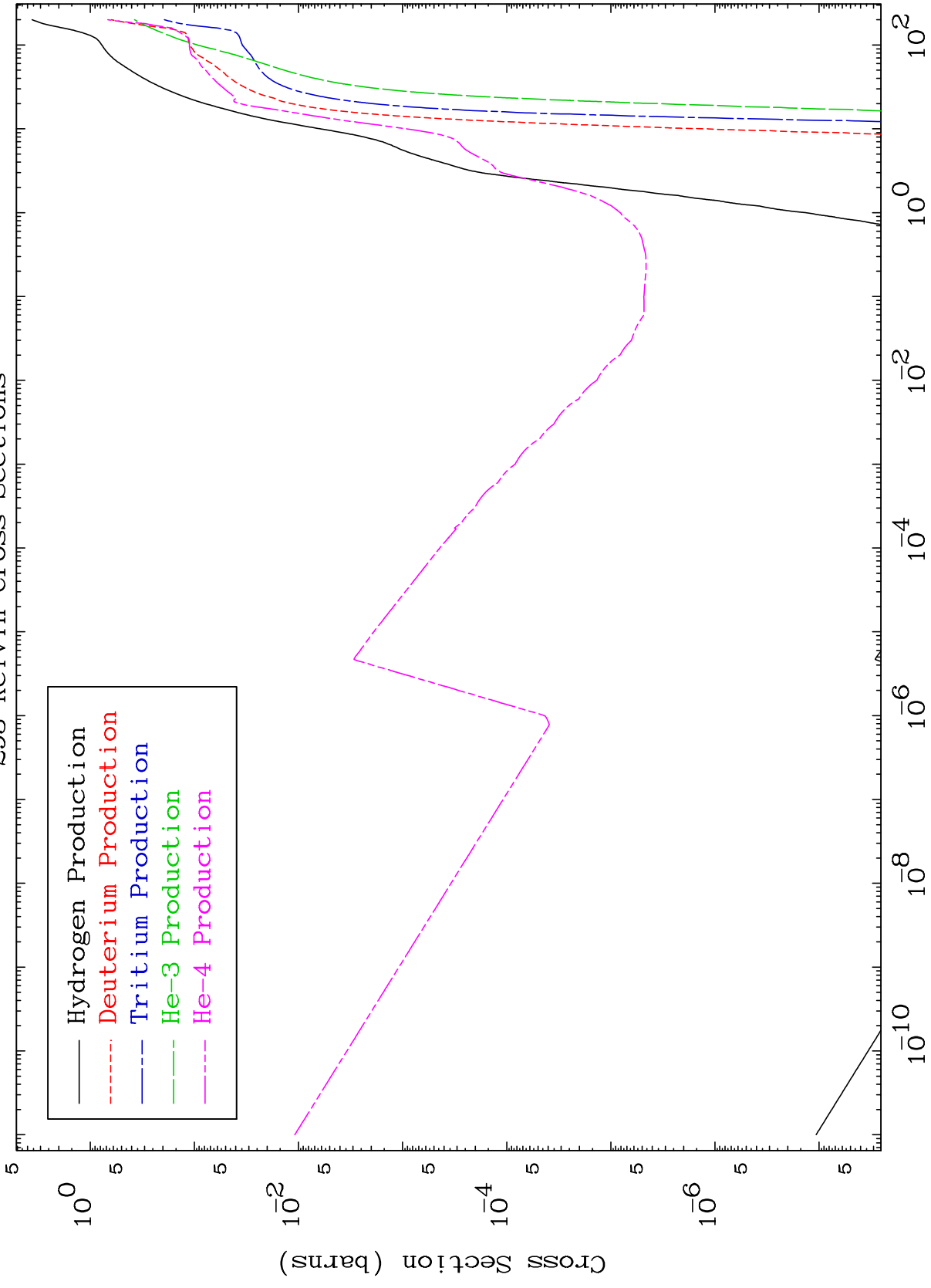
72-Hf-170



MAT 7213

Particle Production
293 Kelvin Cross Sections

72-Hf-170



6

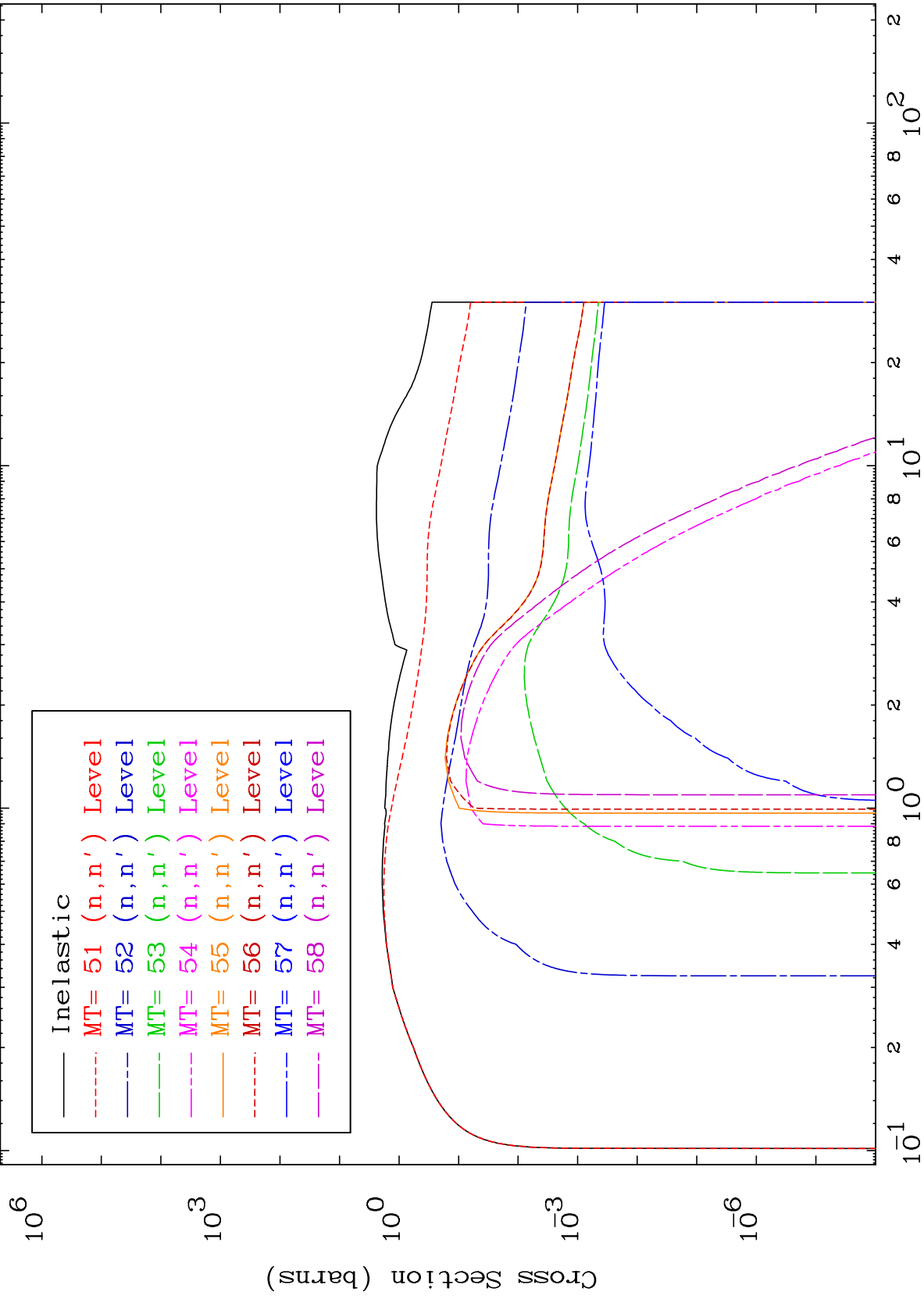
Incident Energy (MeV)

72-Hf-170

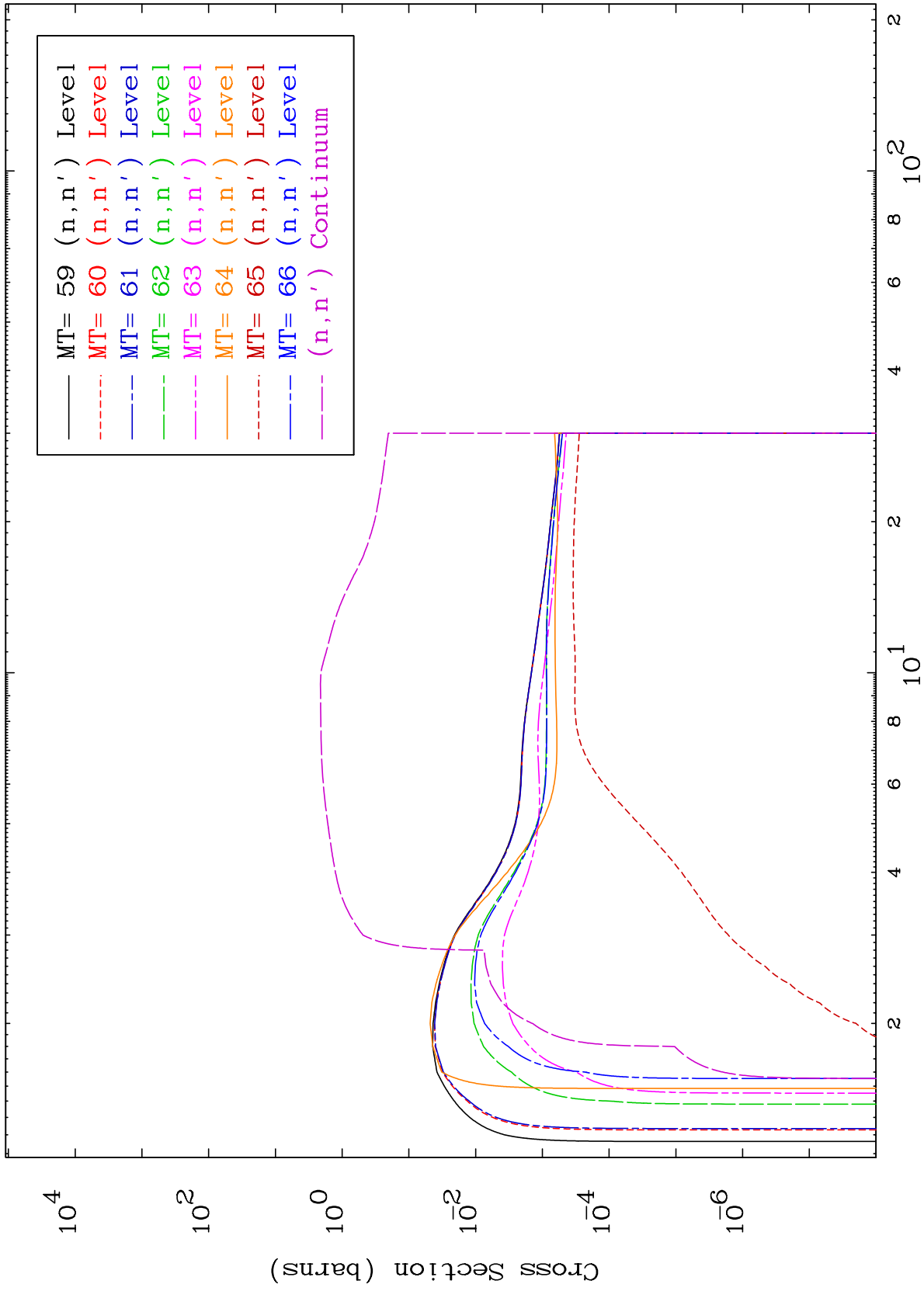
MAT 7213

(n,n') Level
293 Kelvin Cross Sections

72-Hf-170



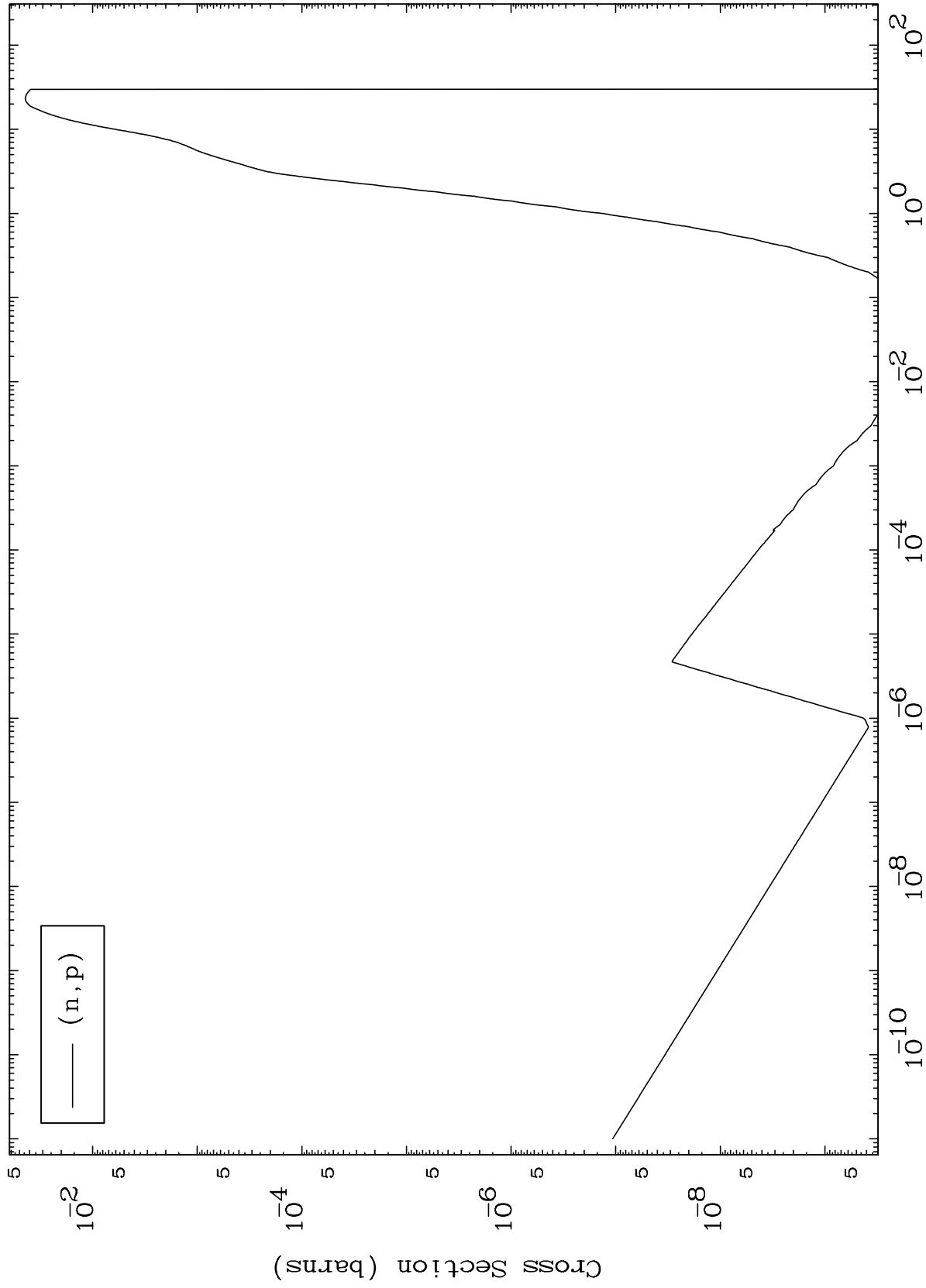
7



MAT 7213

(n,p) Levels
293 Kelvin Cross Sections

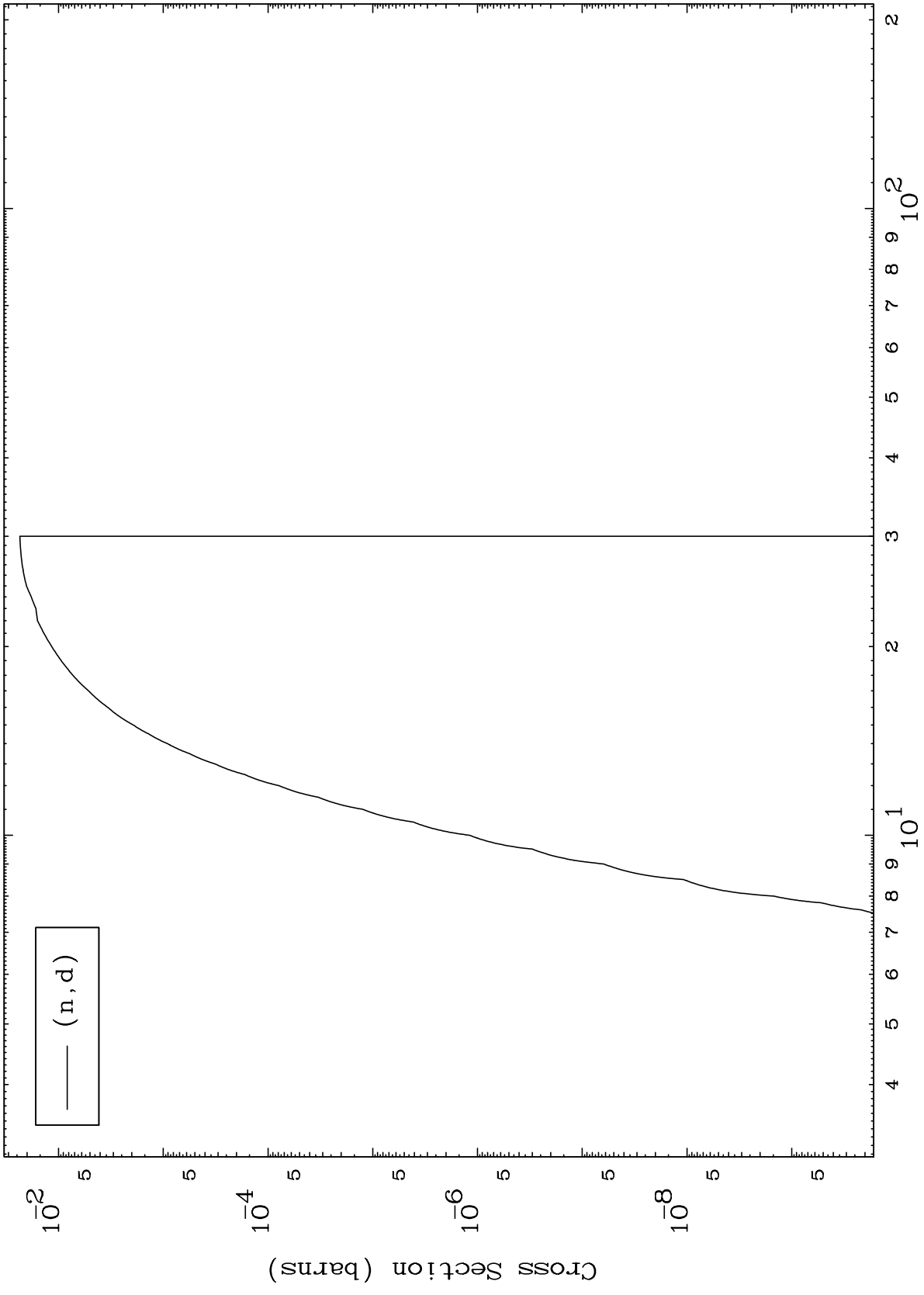
72-Hf-170



MAT 7213

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-170



10

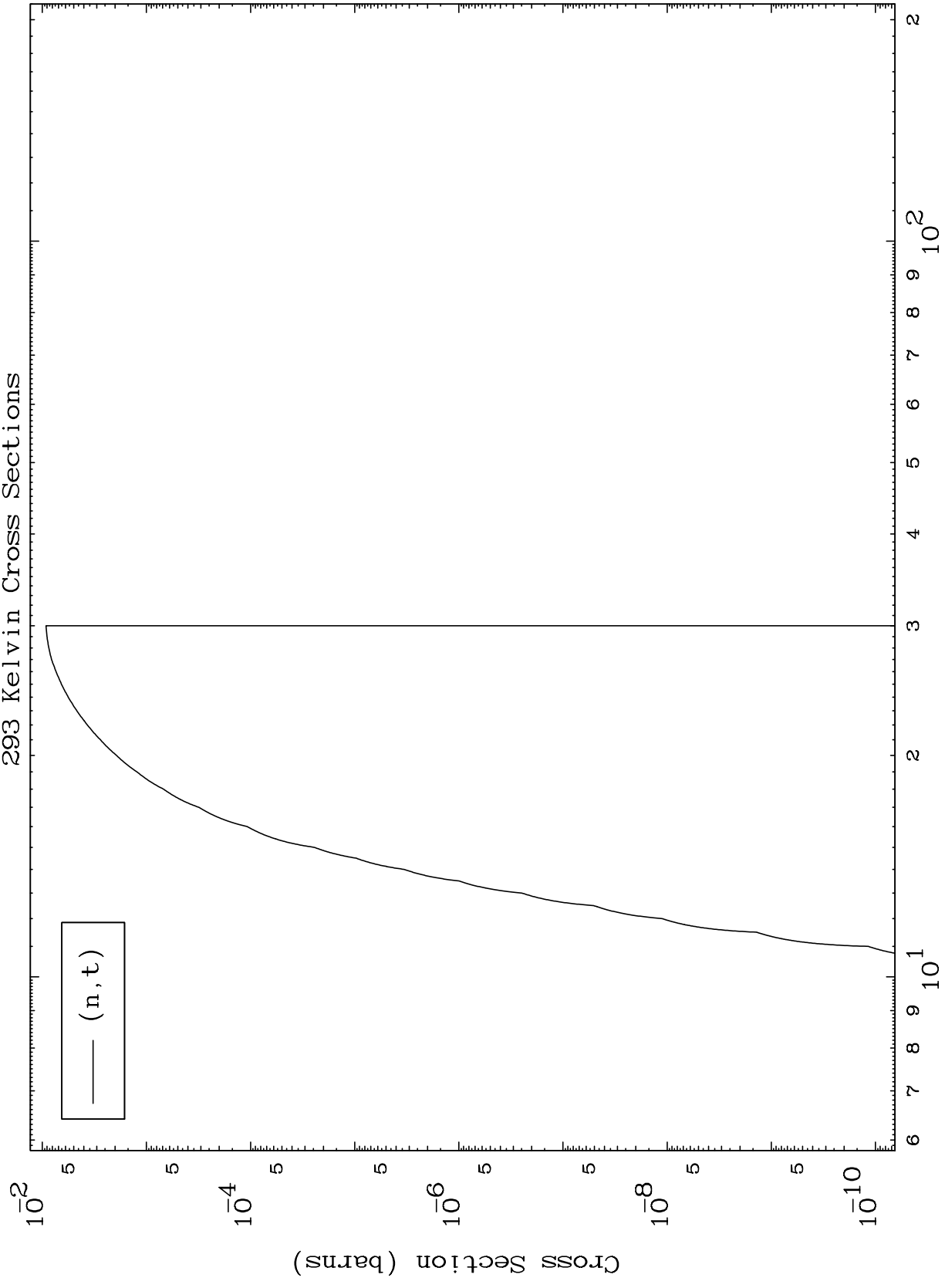
Incident Energy (MeV)

72-Hf-170

MAT 7213

(n,t) Levels
293 Kelvin Cross Sections

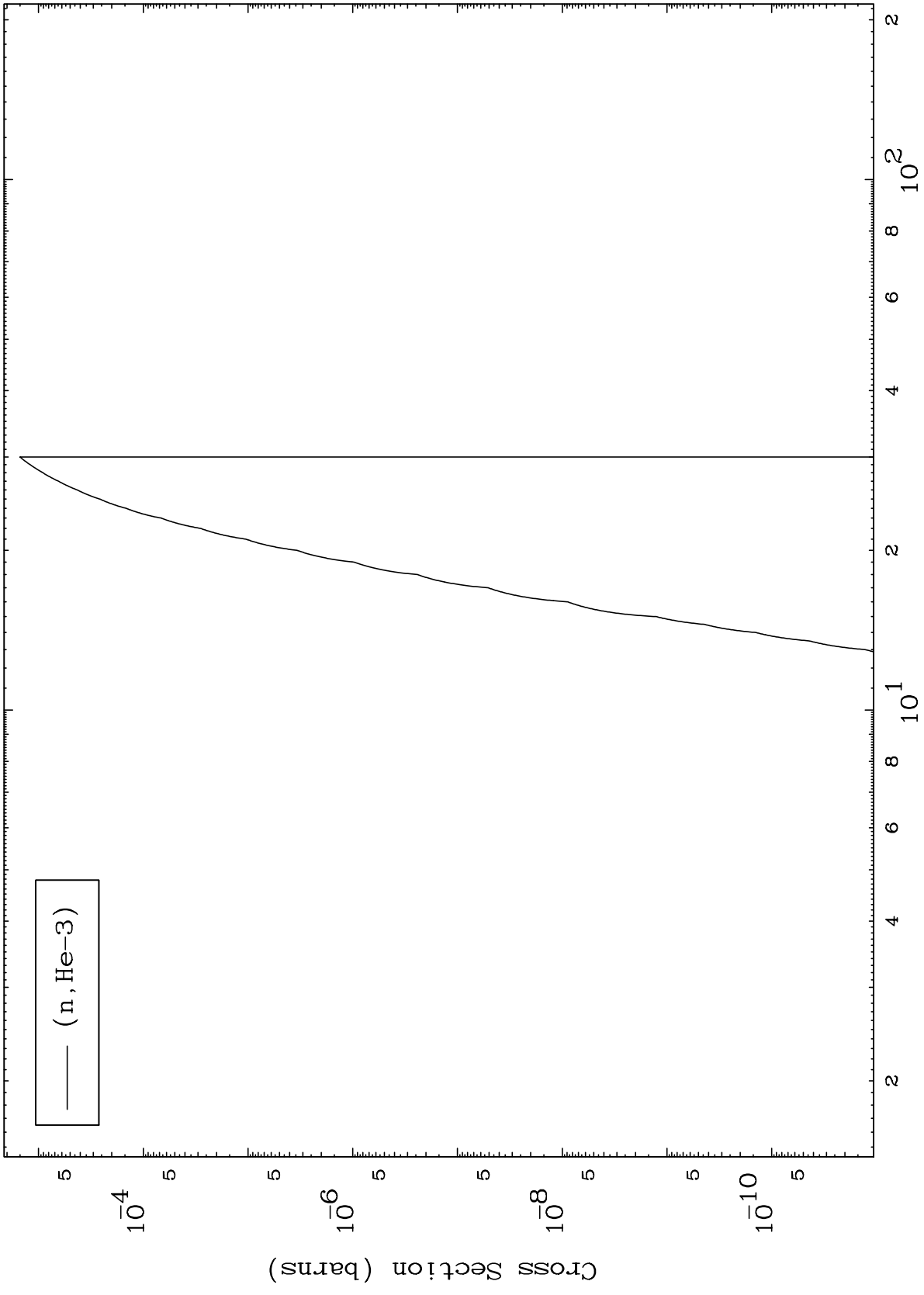
72-Hf-170



MAT 7213

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-170



12

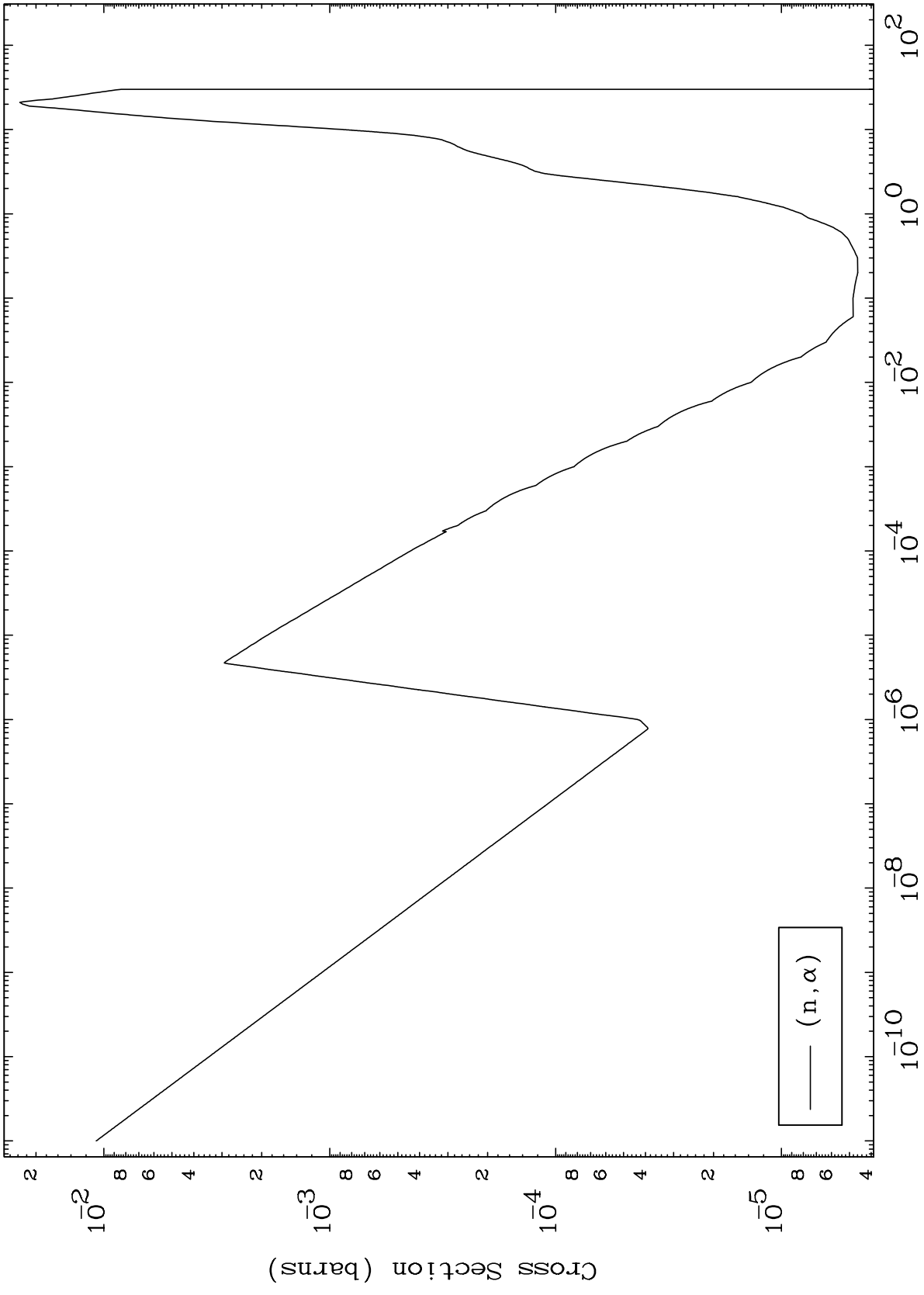
Incident Energy (MeV)

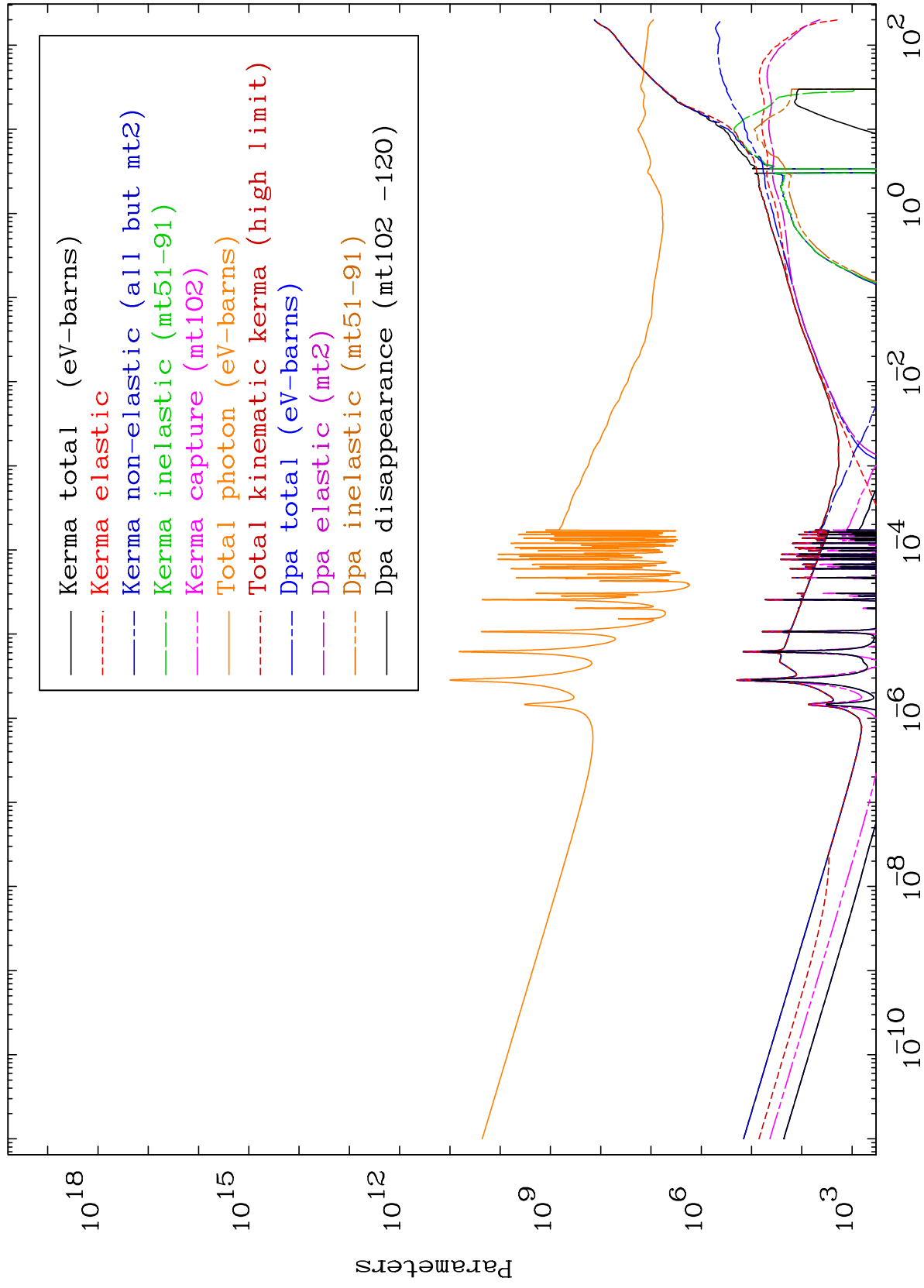
72-Hf-170

MAT 7213

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-170

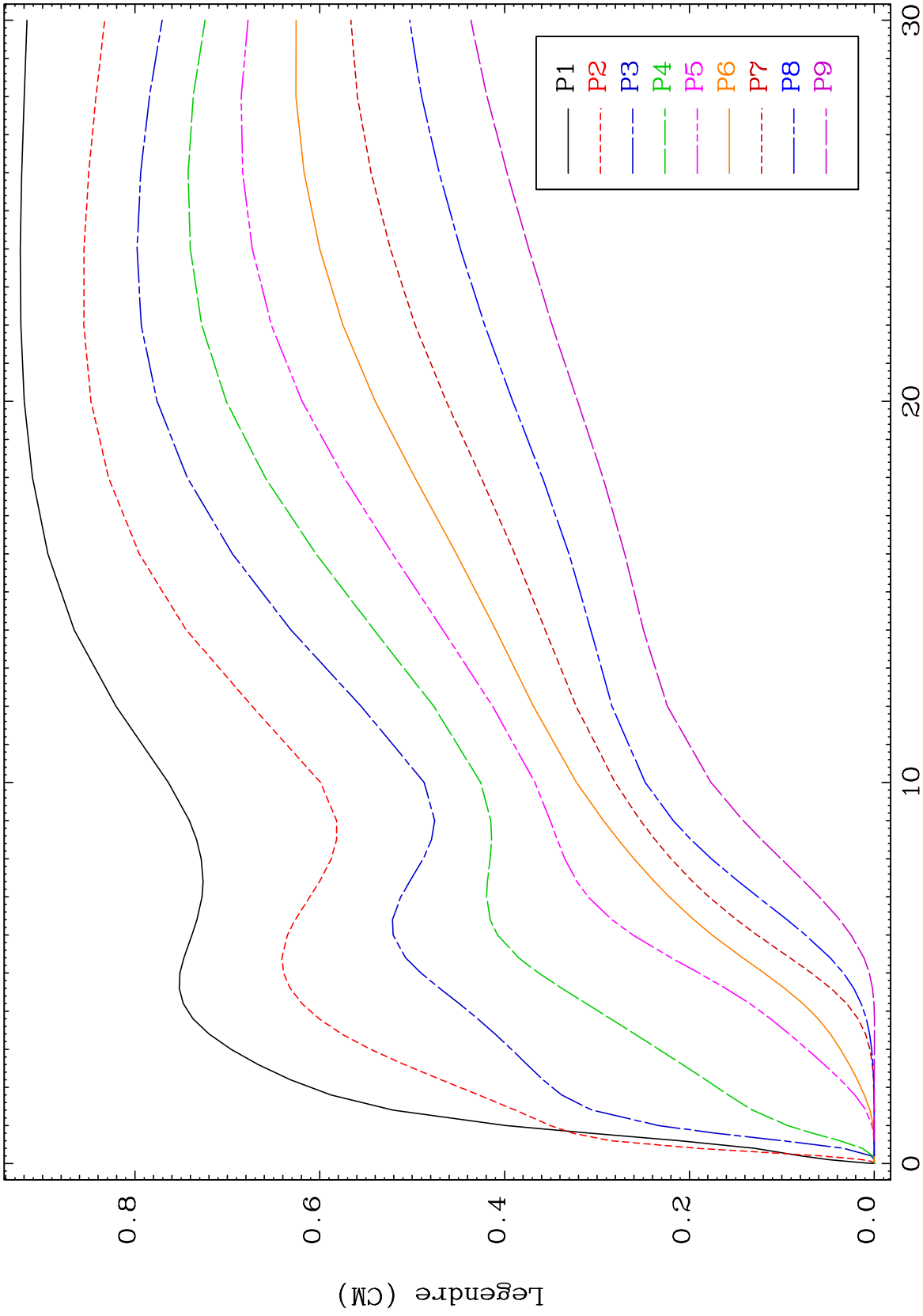




MAT 7213

Elastic Legendre Coefficients

72-Hf-170



15

Incident Energy (MeV)

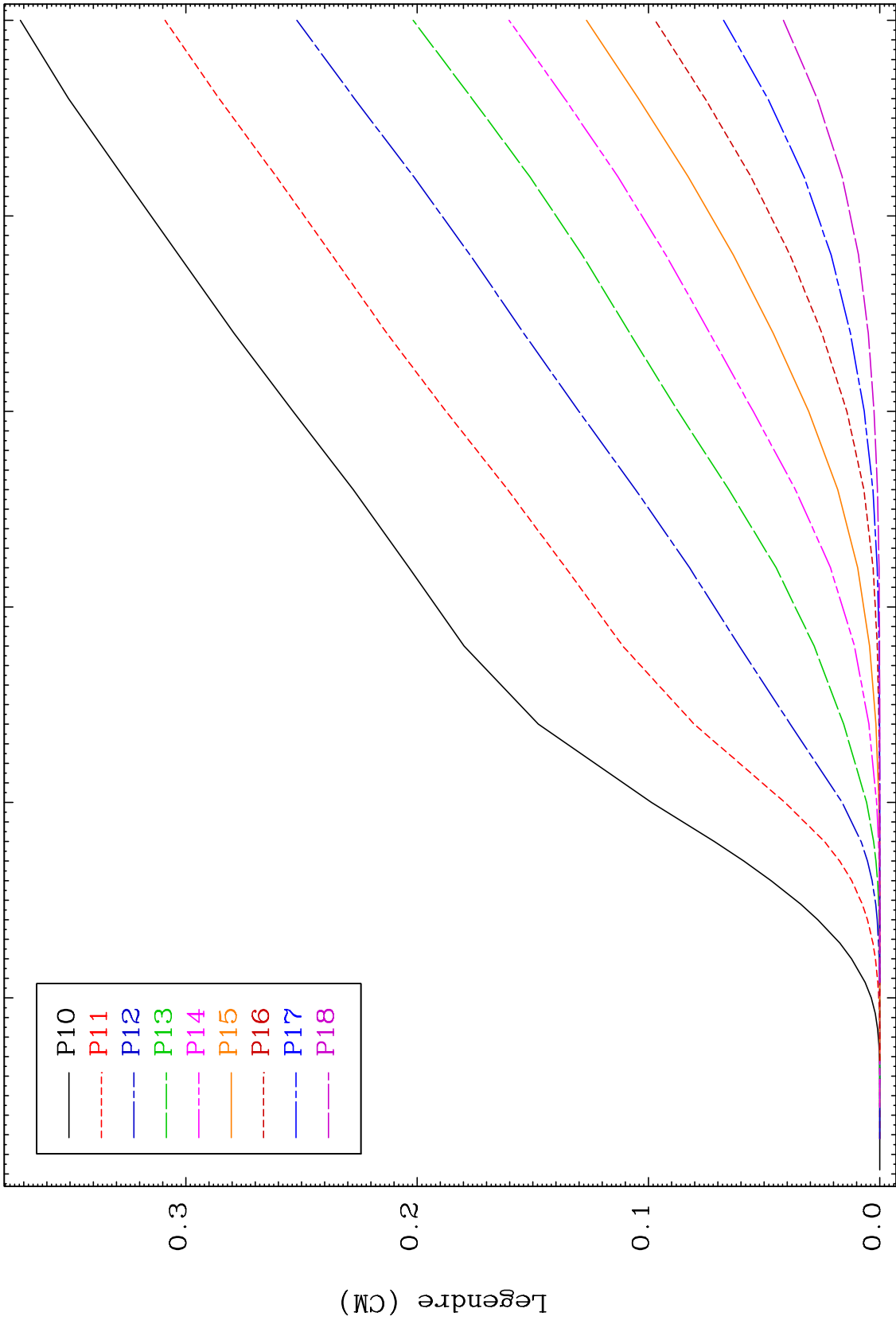
72-Hf-170

30

MAT 7213

Elastic Legendre Coefficients

72-Hf-170



16

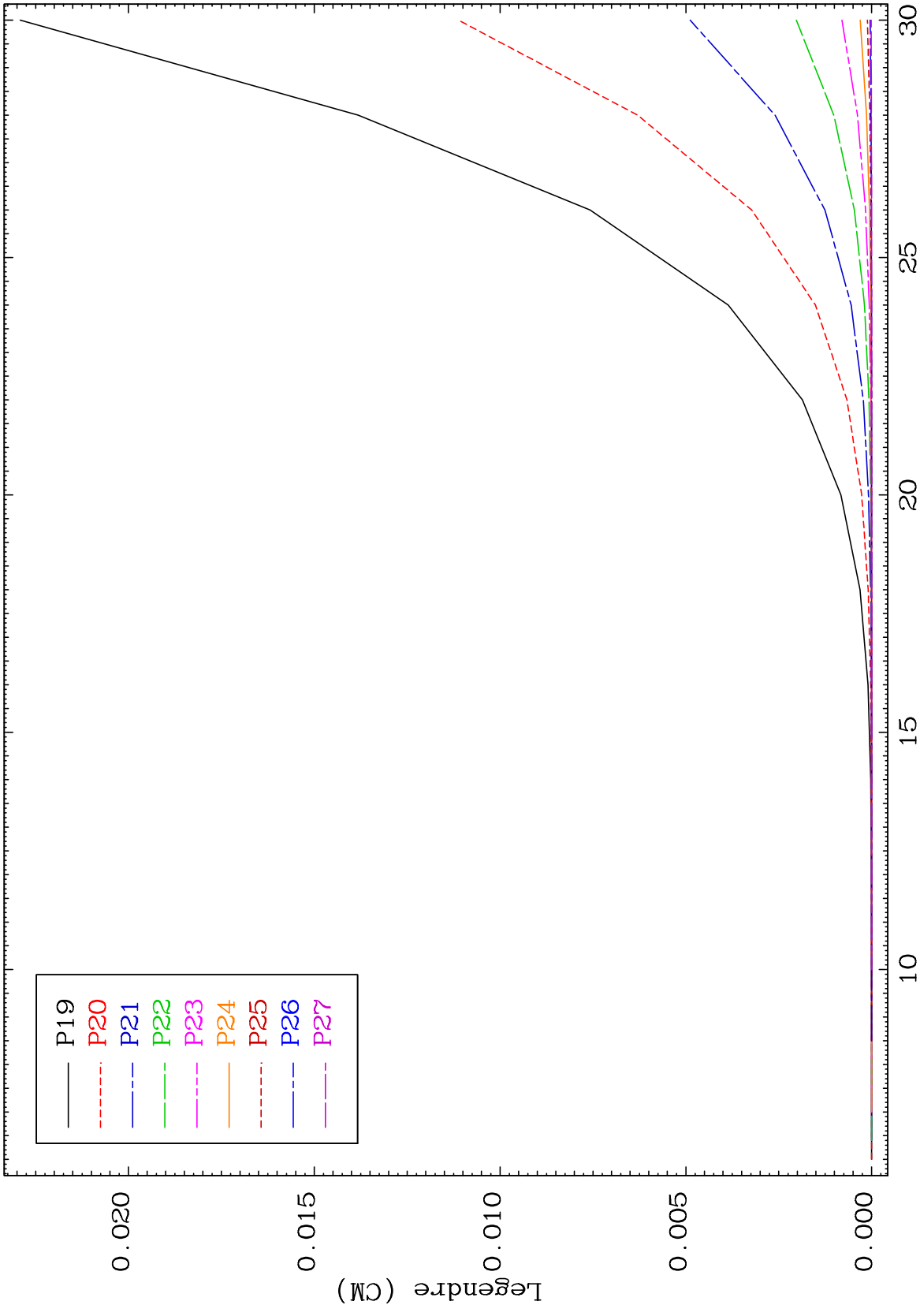
Incident Energy (MeV)

72-Hf-170

MAT 7213

Elastic Legendre Coefficients

72-Hf-170



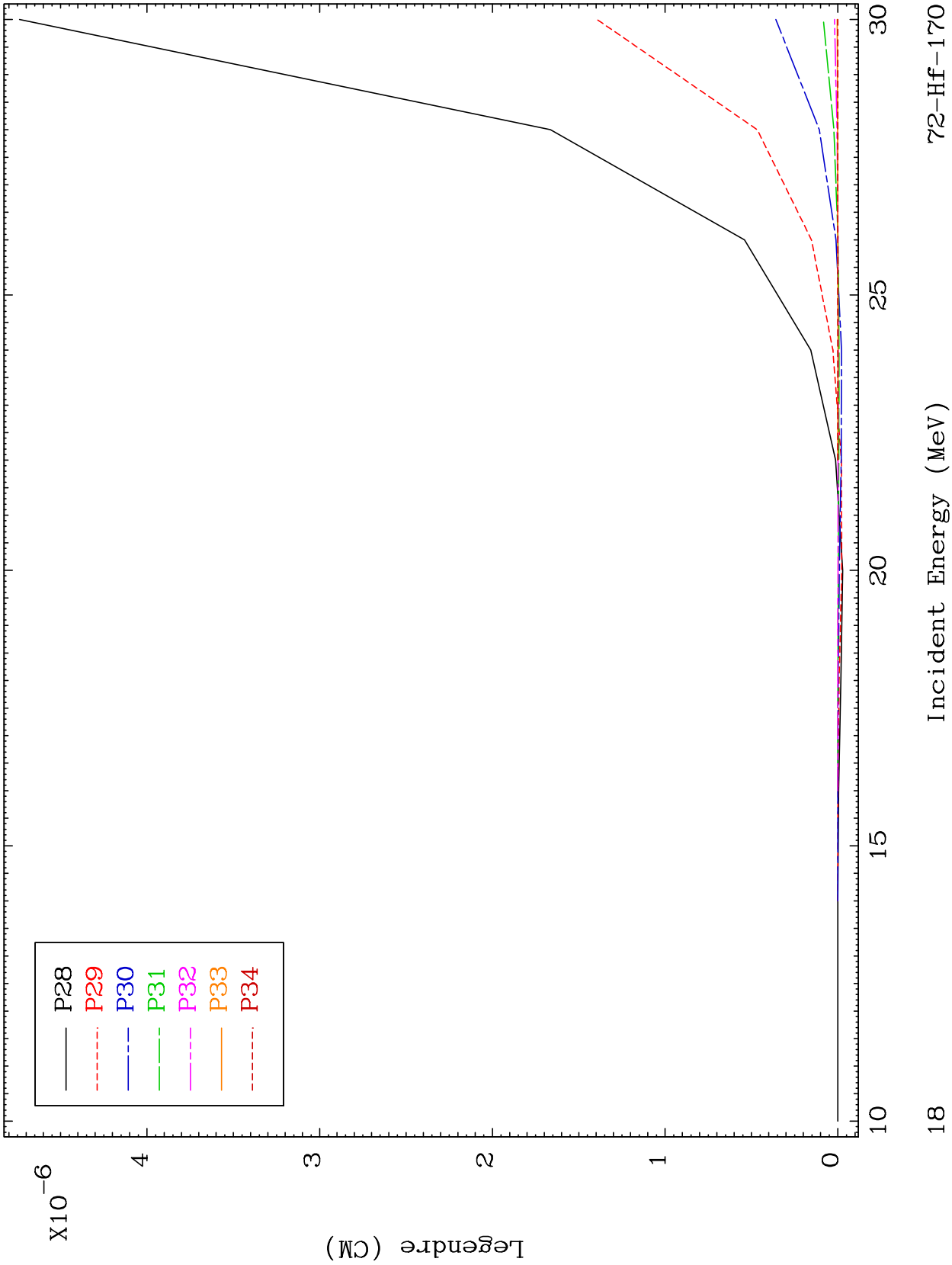
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72-Hf-170

MAT 7213

Elastic Legendre Coefficients

72-Hf-170

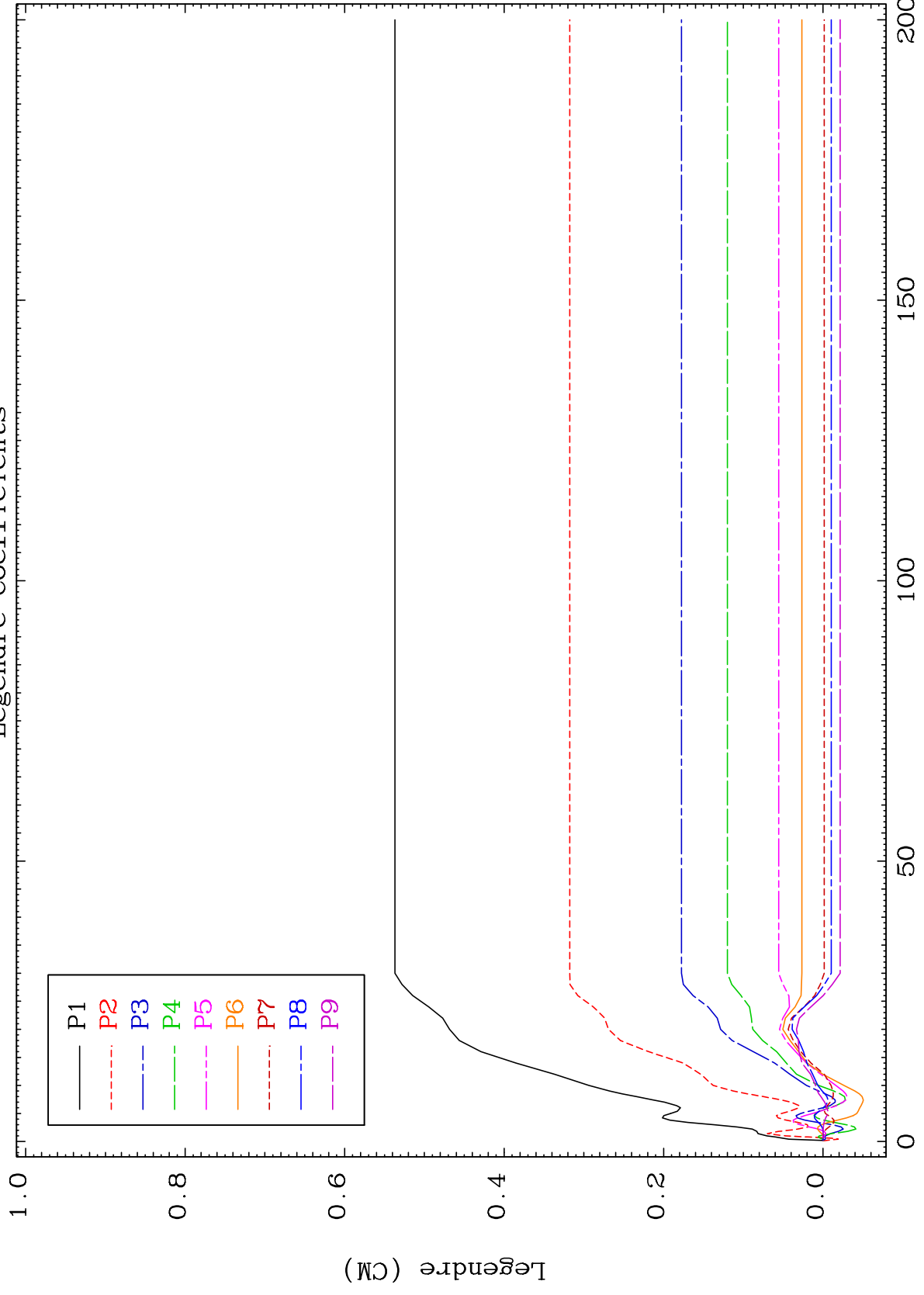


18

Incident Energy (MeV)

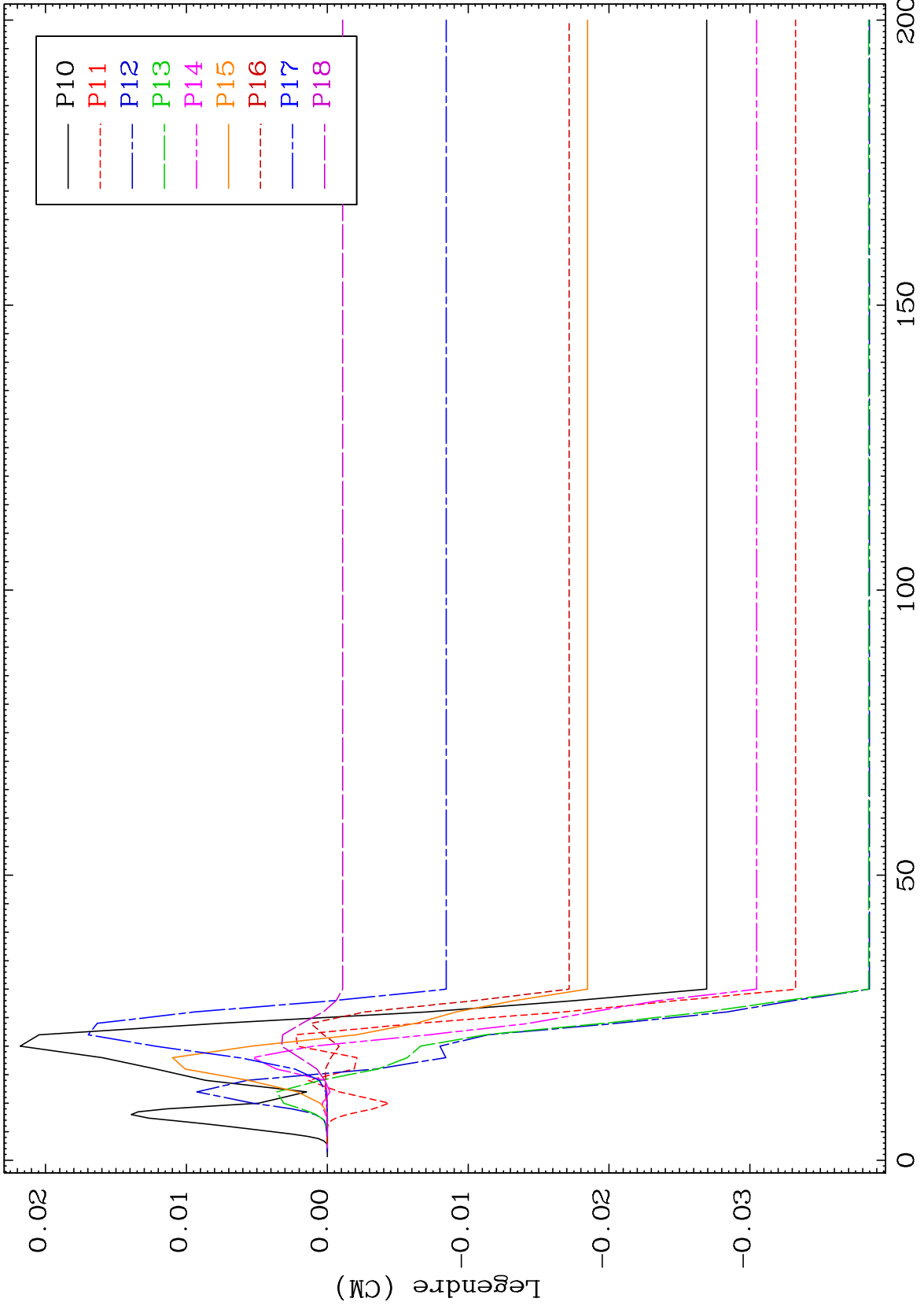
72-Hf-170

MAT 7213 MT= 51 (n,n') Level Legendre Coefficients 72-Hf-170



19 72-Hf-170

MAT 7213 MT= 51 (n,n') Level Legendre Coefficients 72-Hf-170

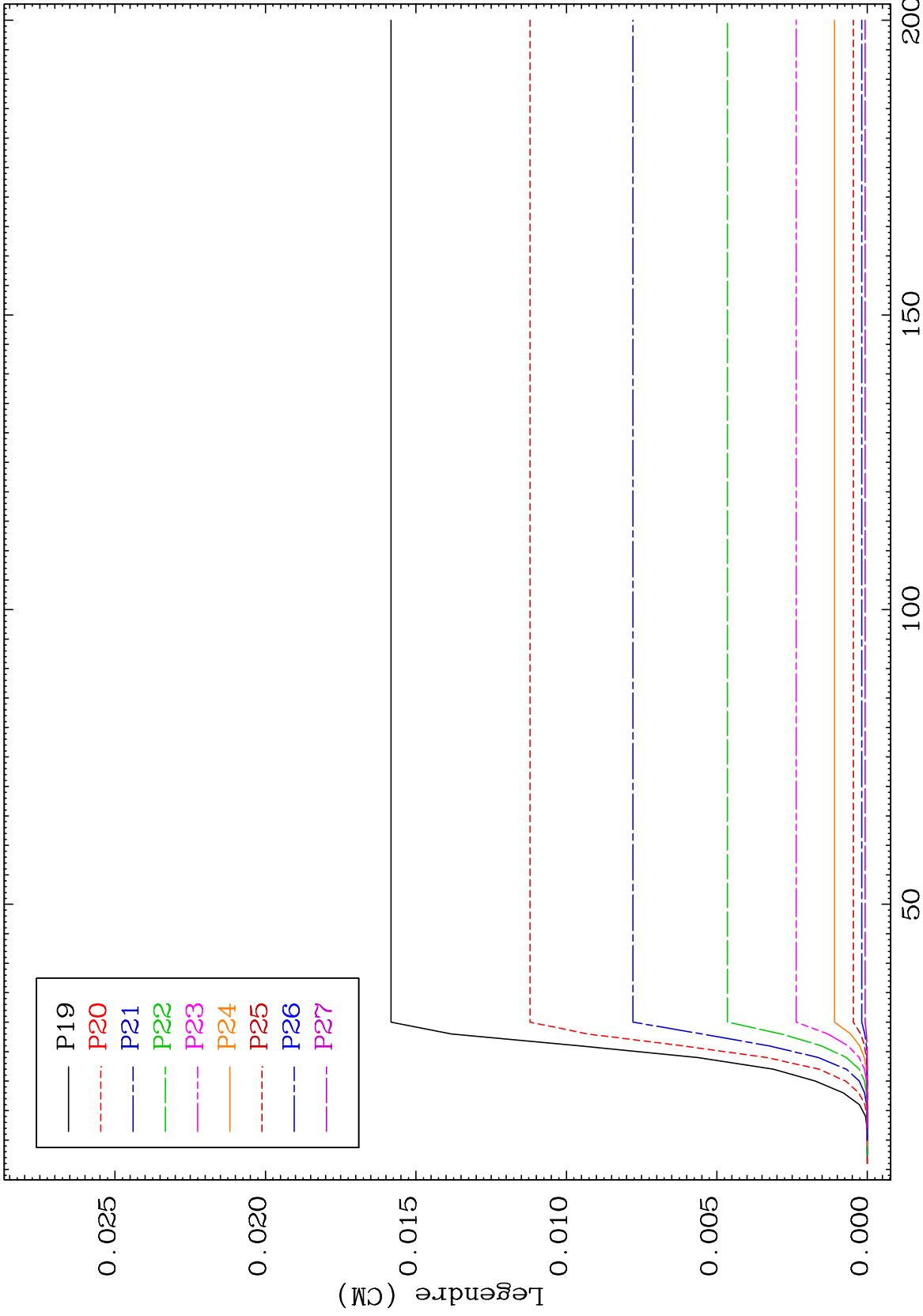


72-Hf-170

MAT 7213

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

72-Hf-170



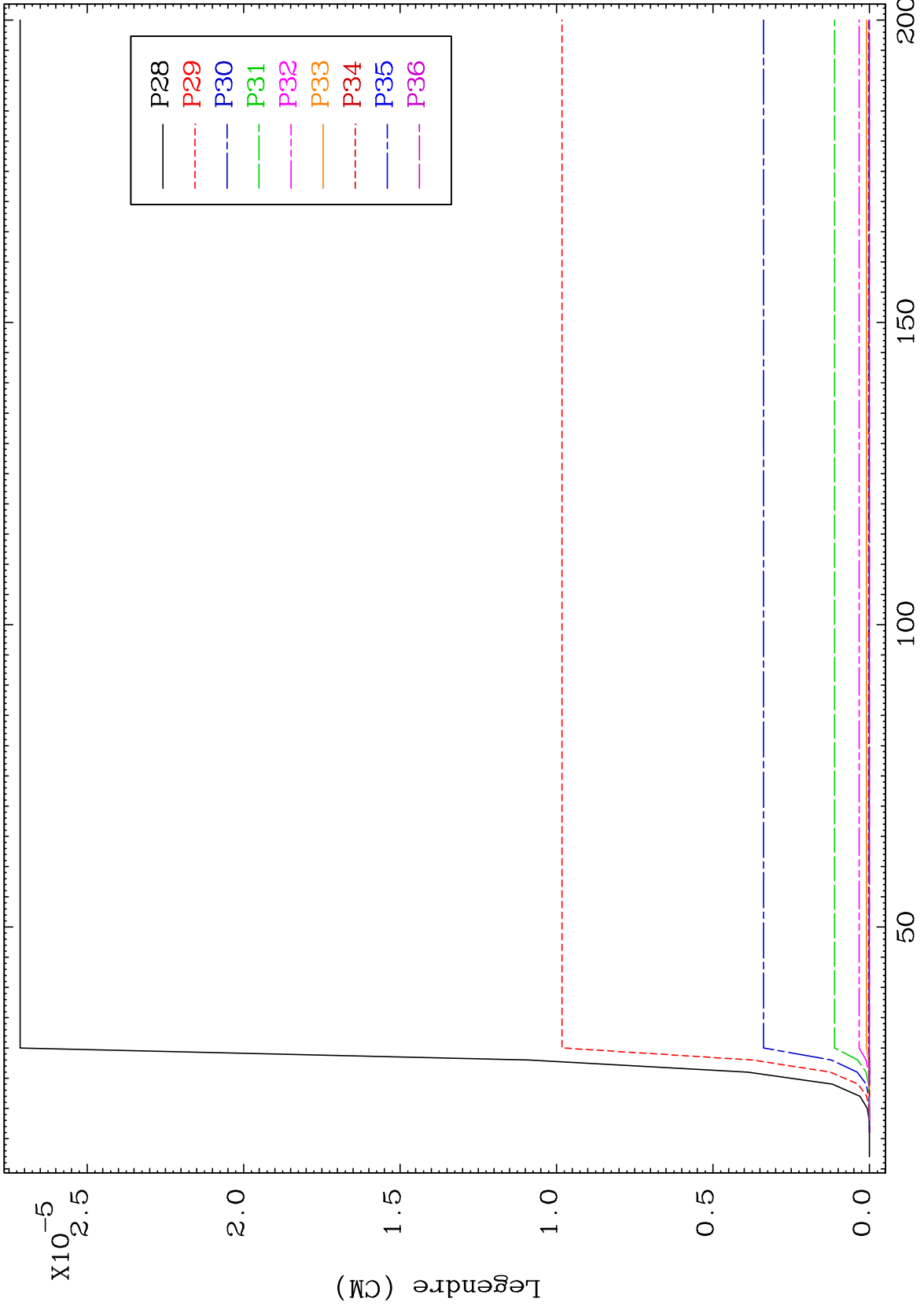
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72-Hf-170

MAT 7213

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

72-Hf-170



22

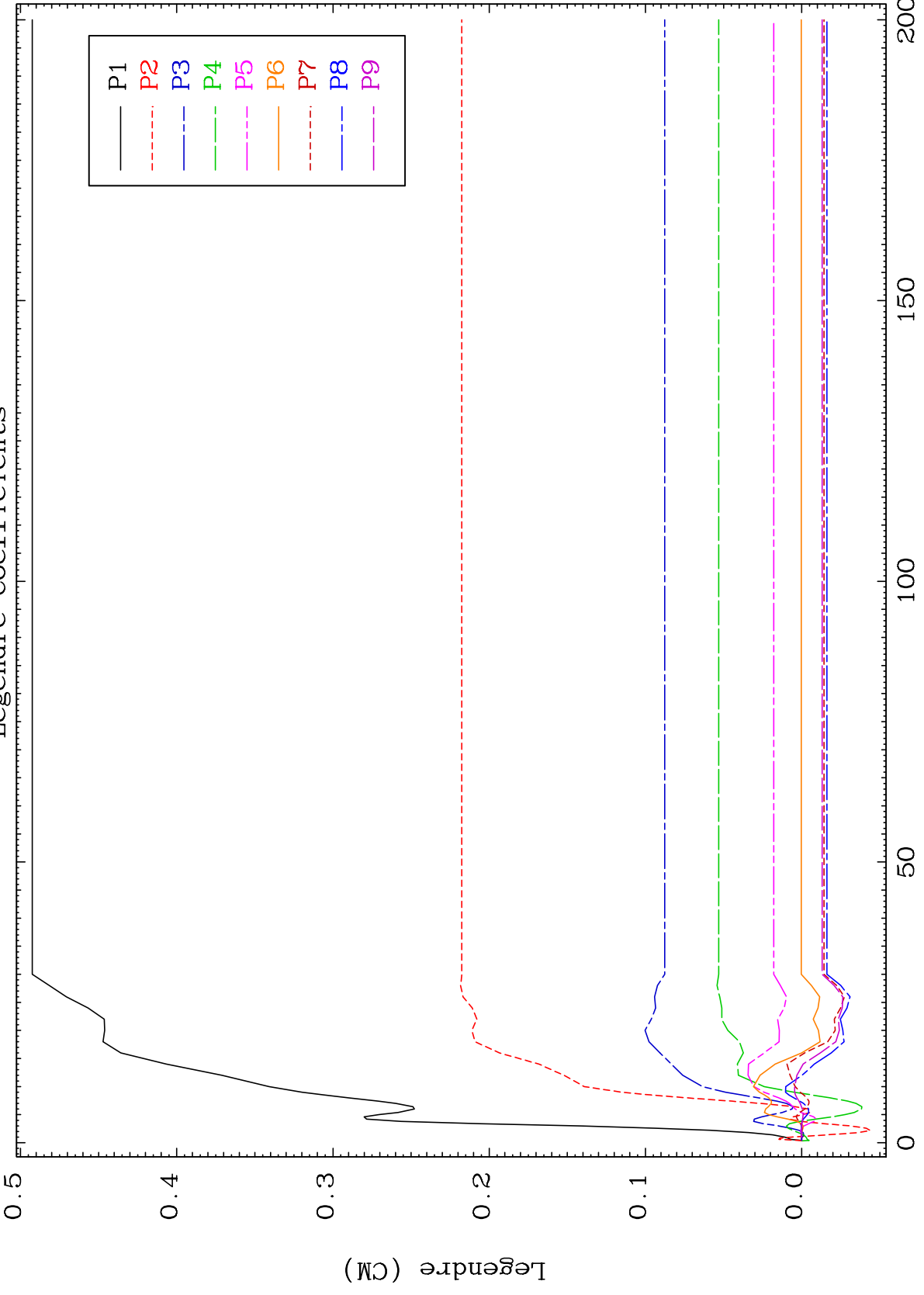
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



23

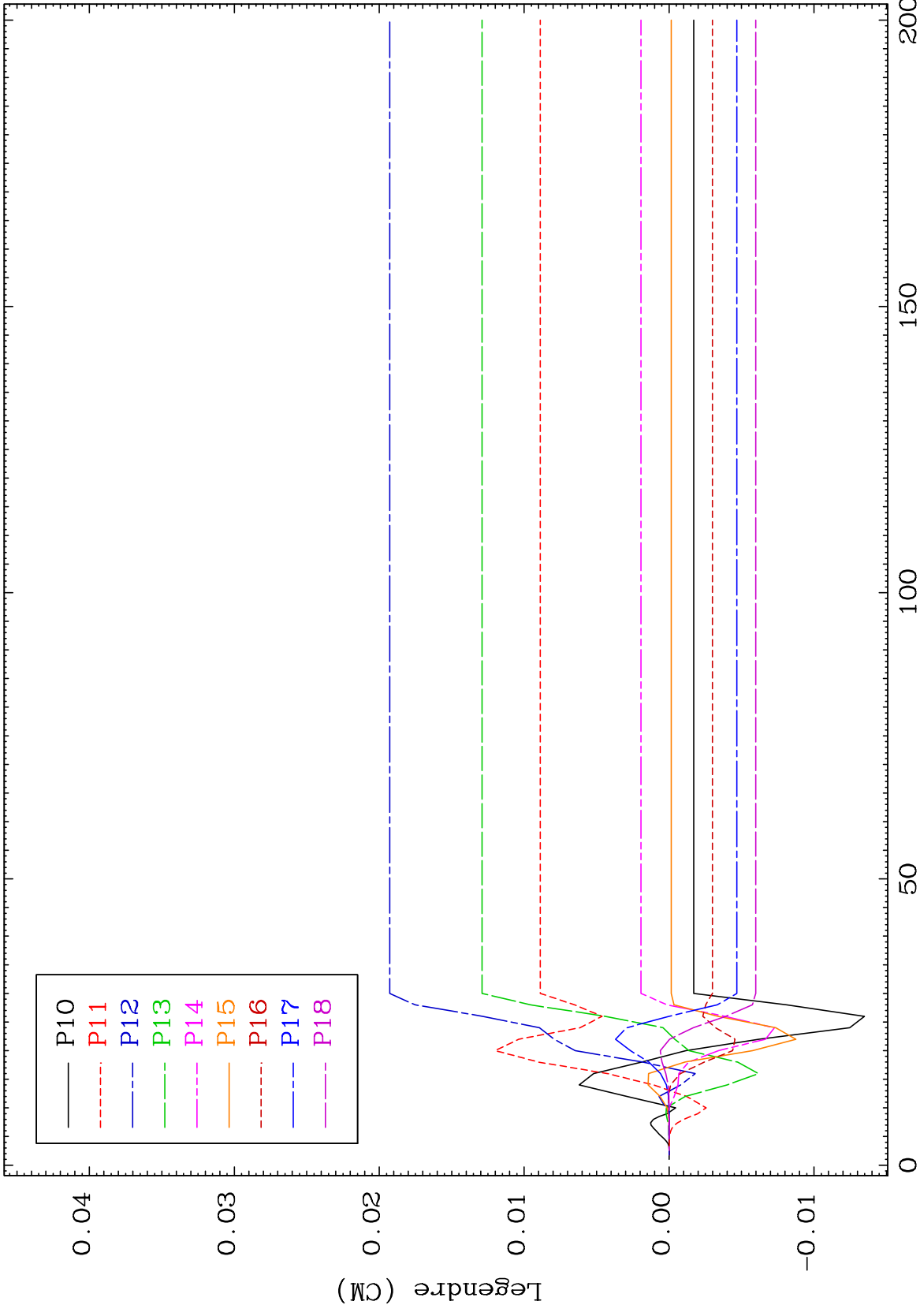
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



24

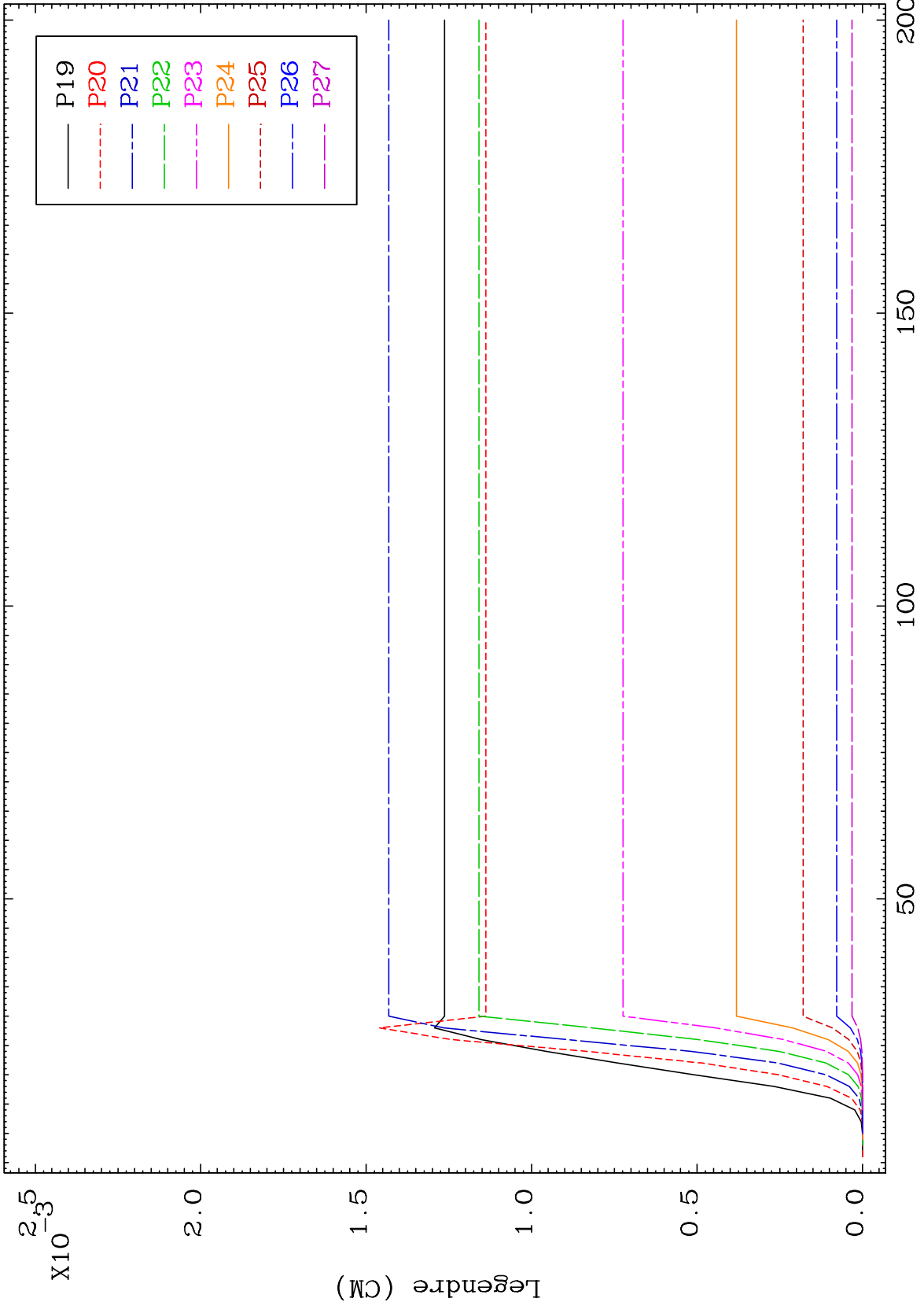
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



25

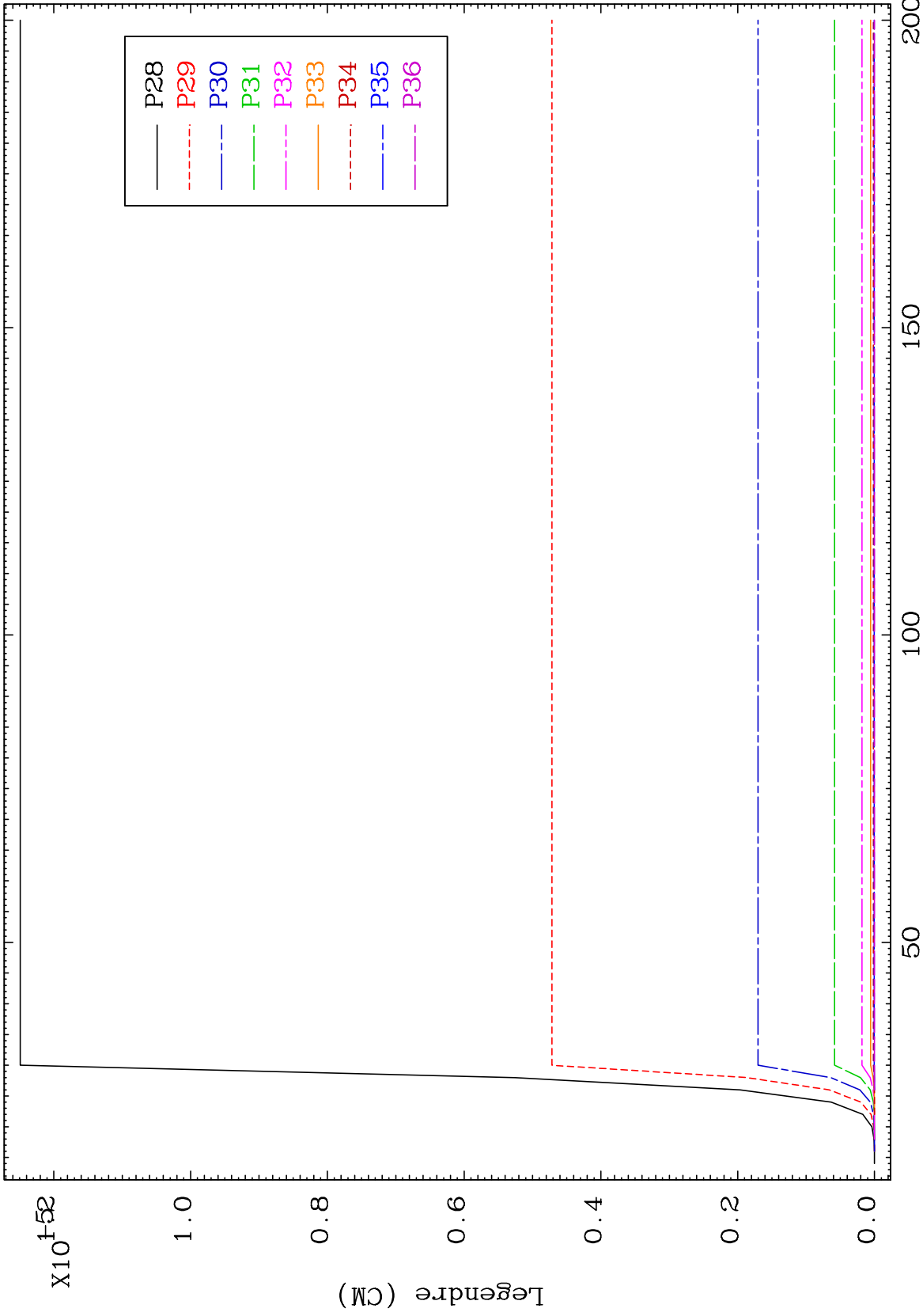
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



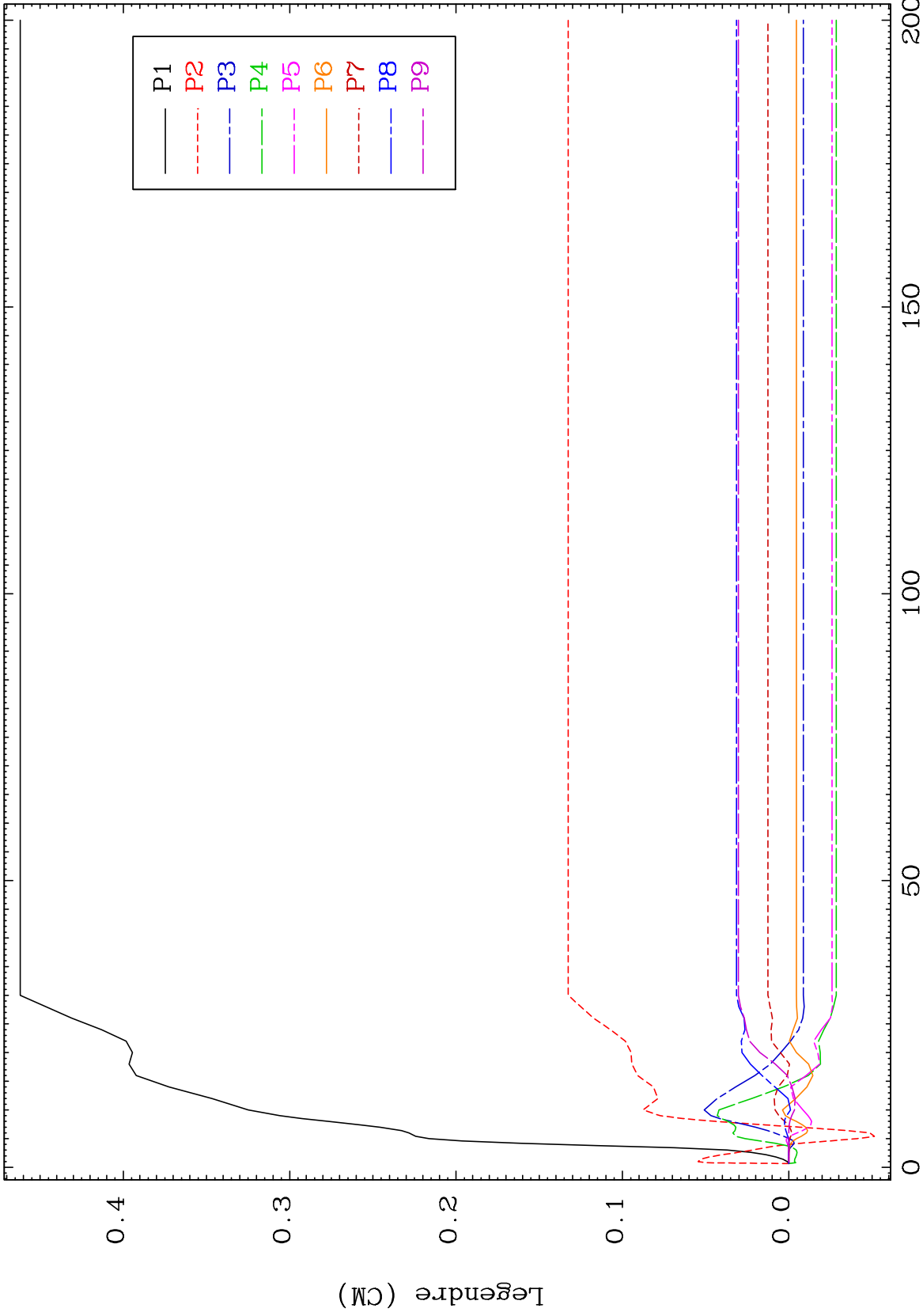
26

72-Hf-170

MAT 7213

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

72-Hf-170



27

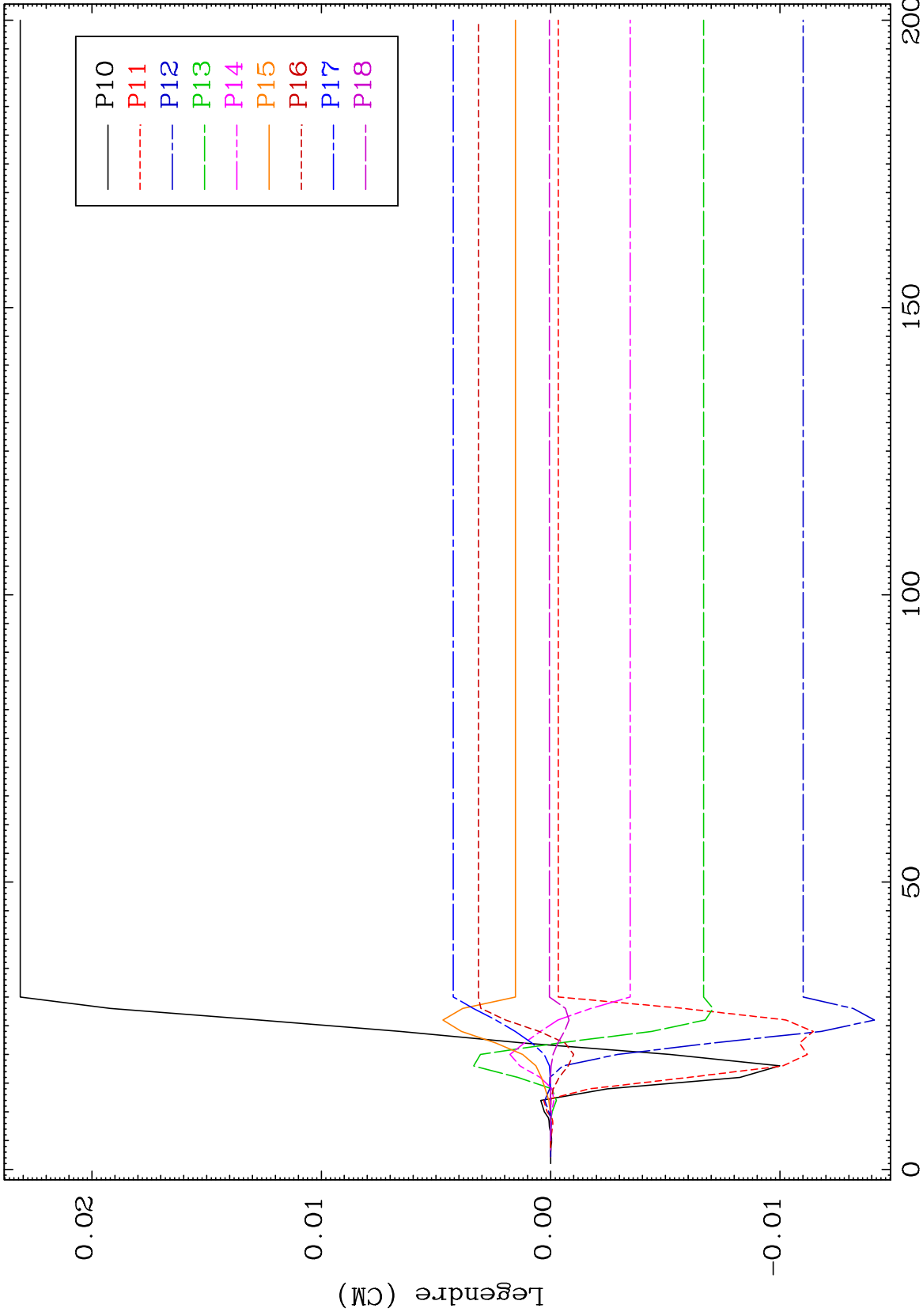
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



28

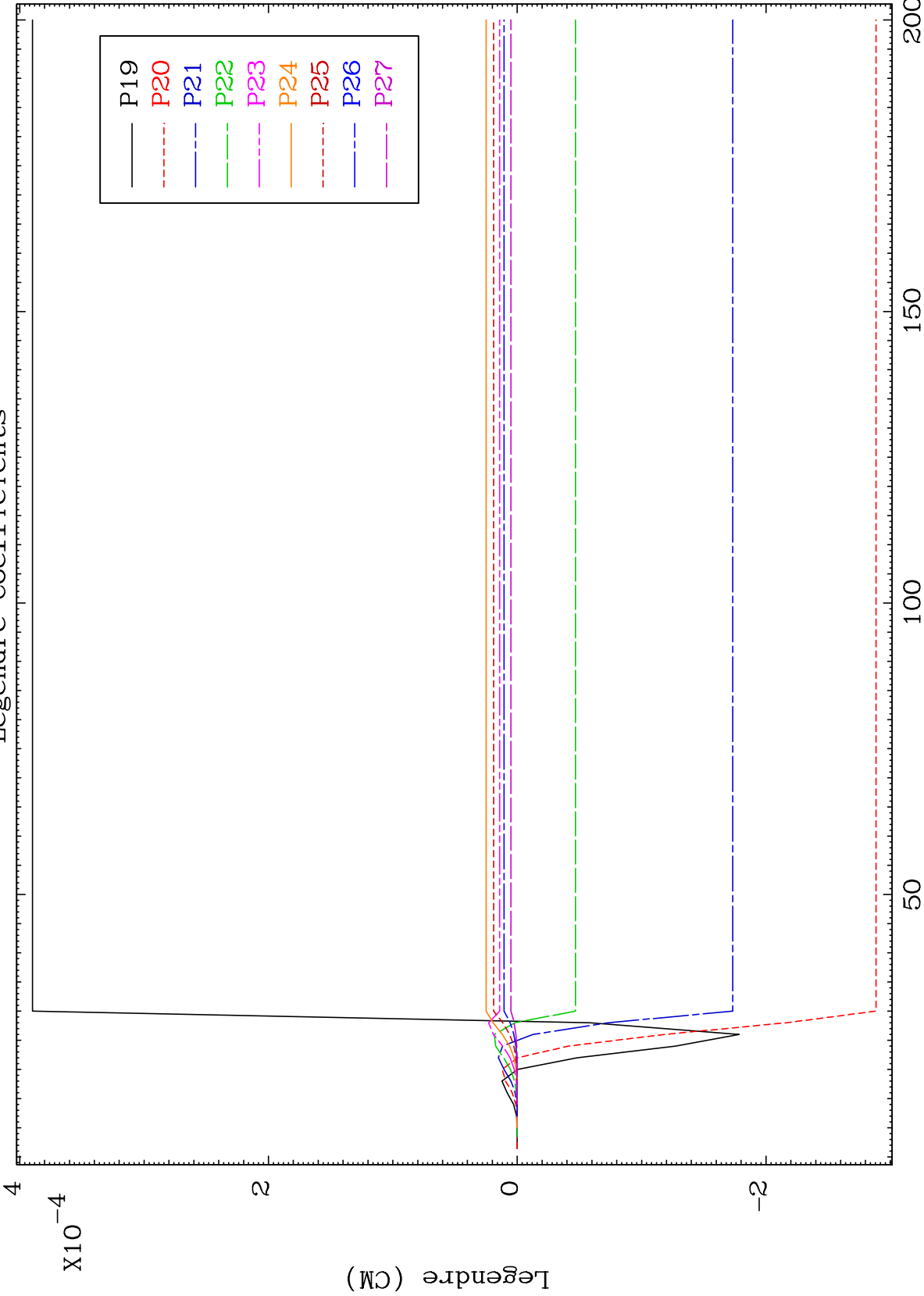
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



29

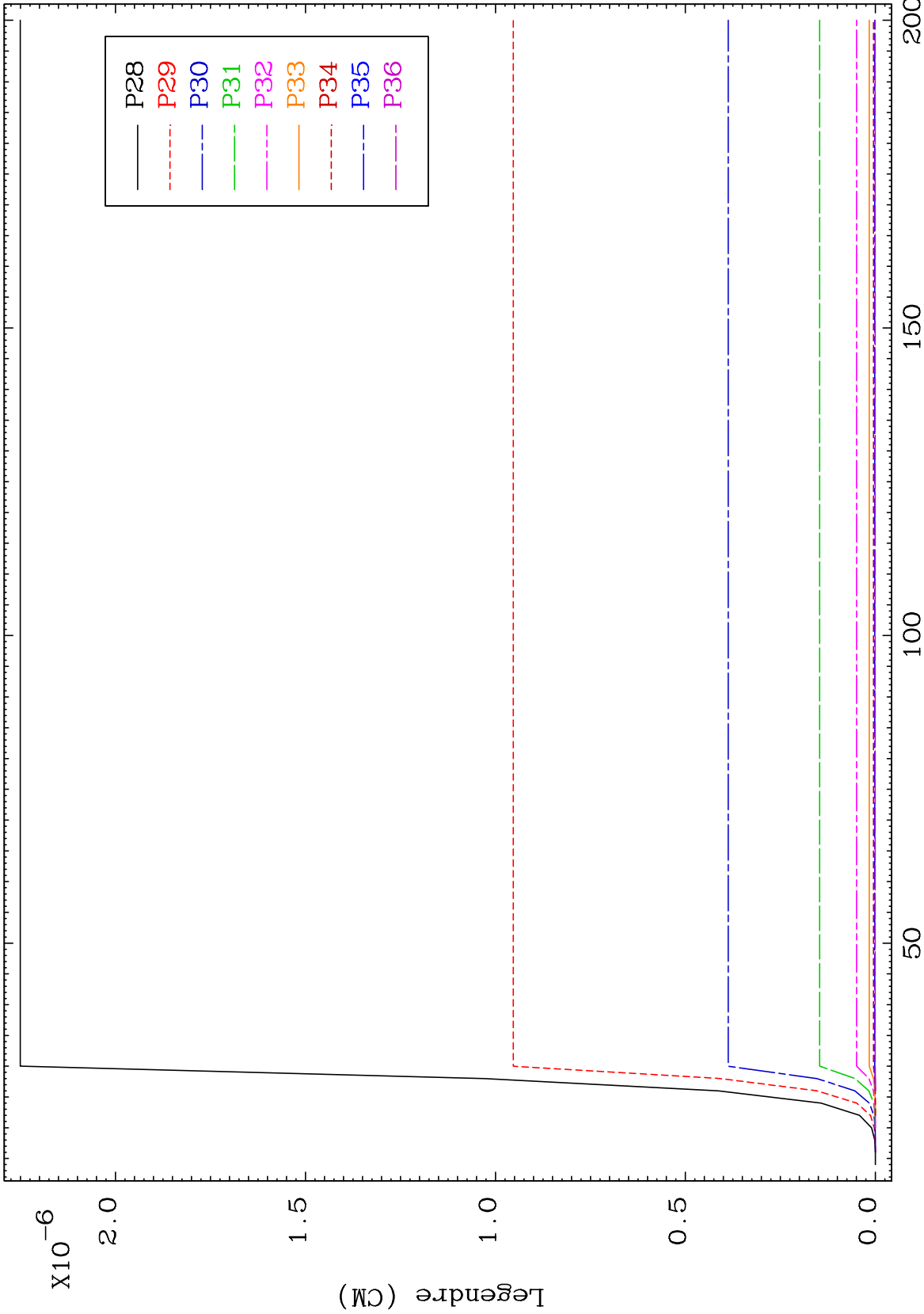
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



30

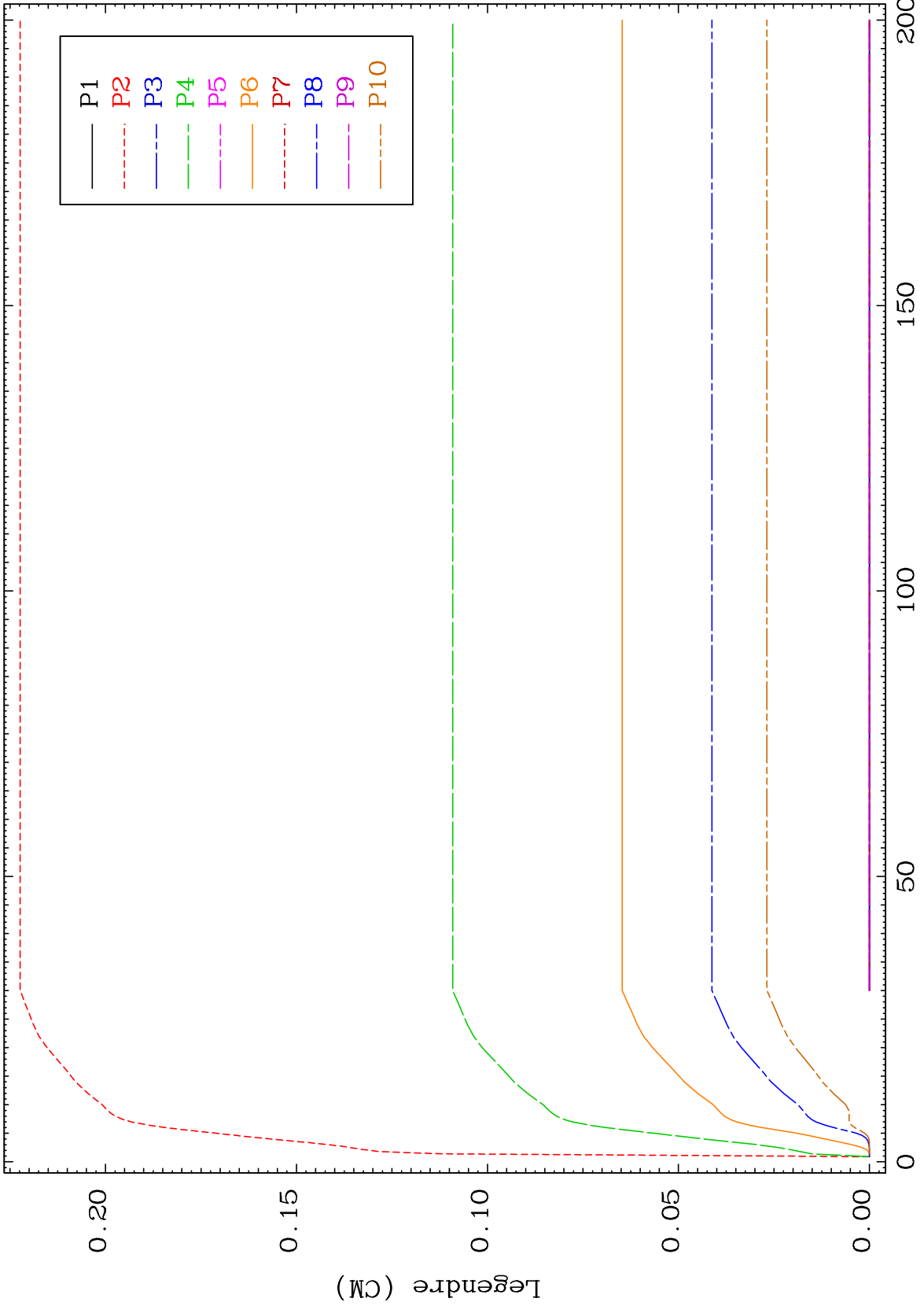
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



31

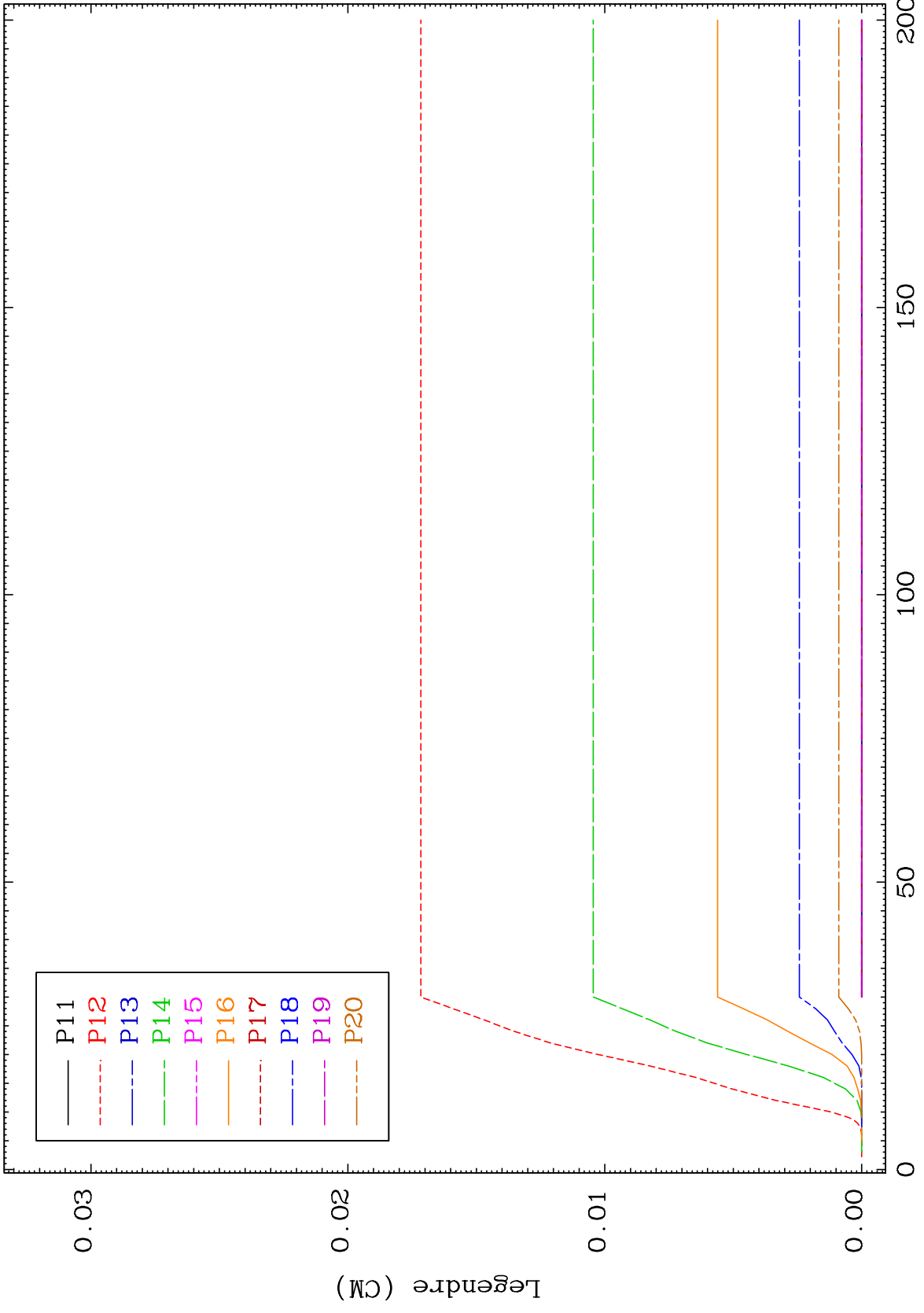
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



32

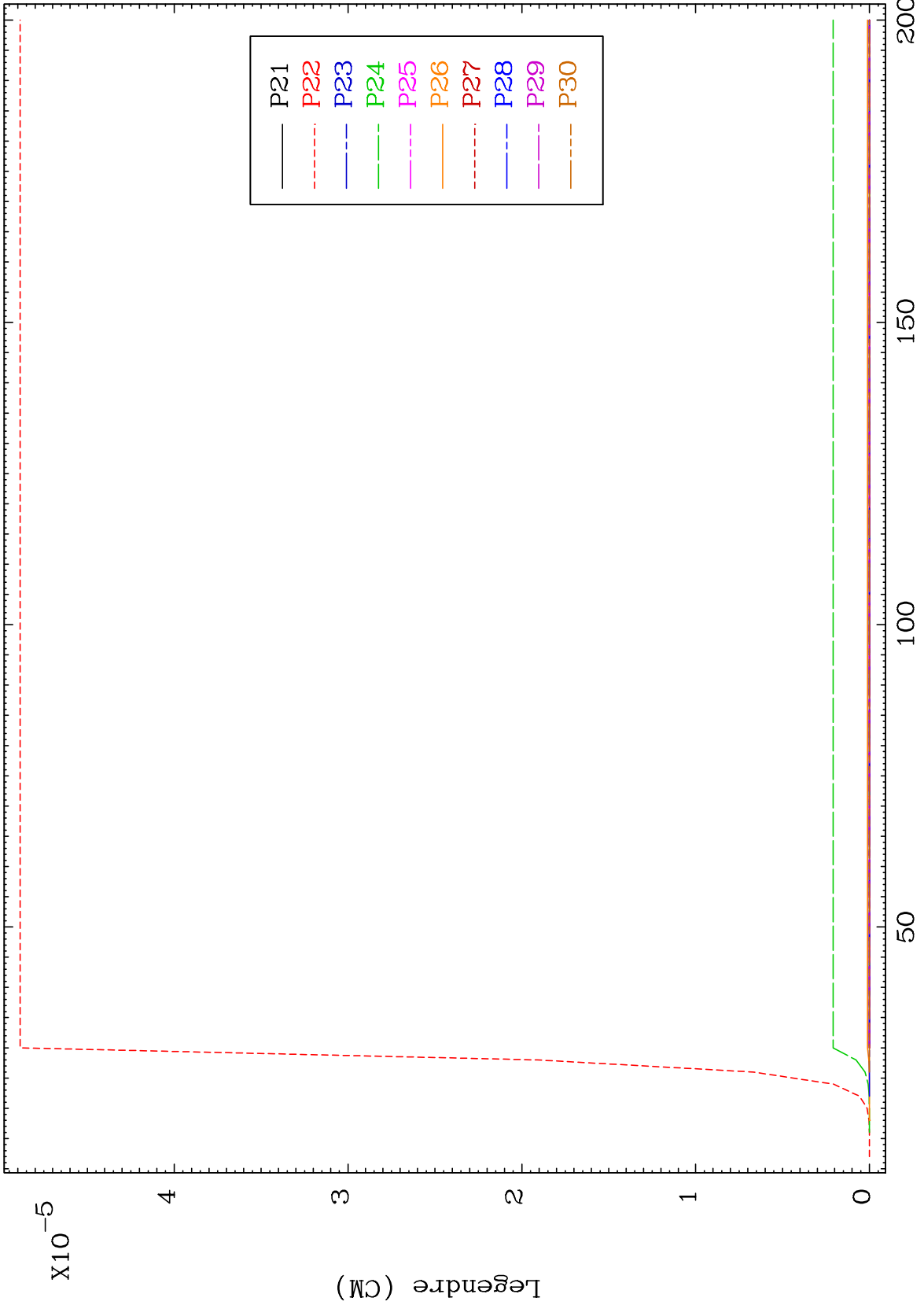
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



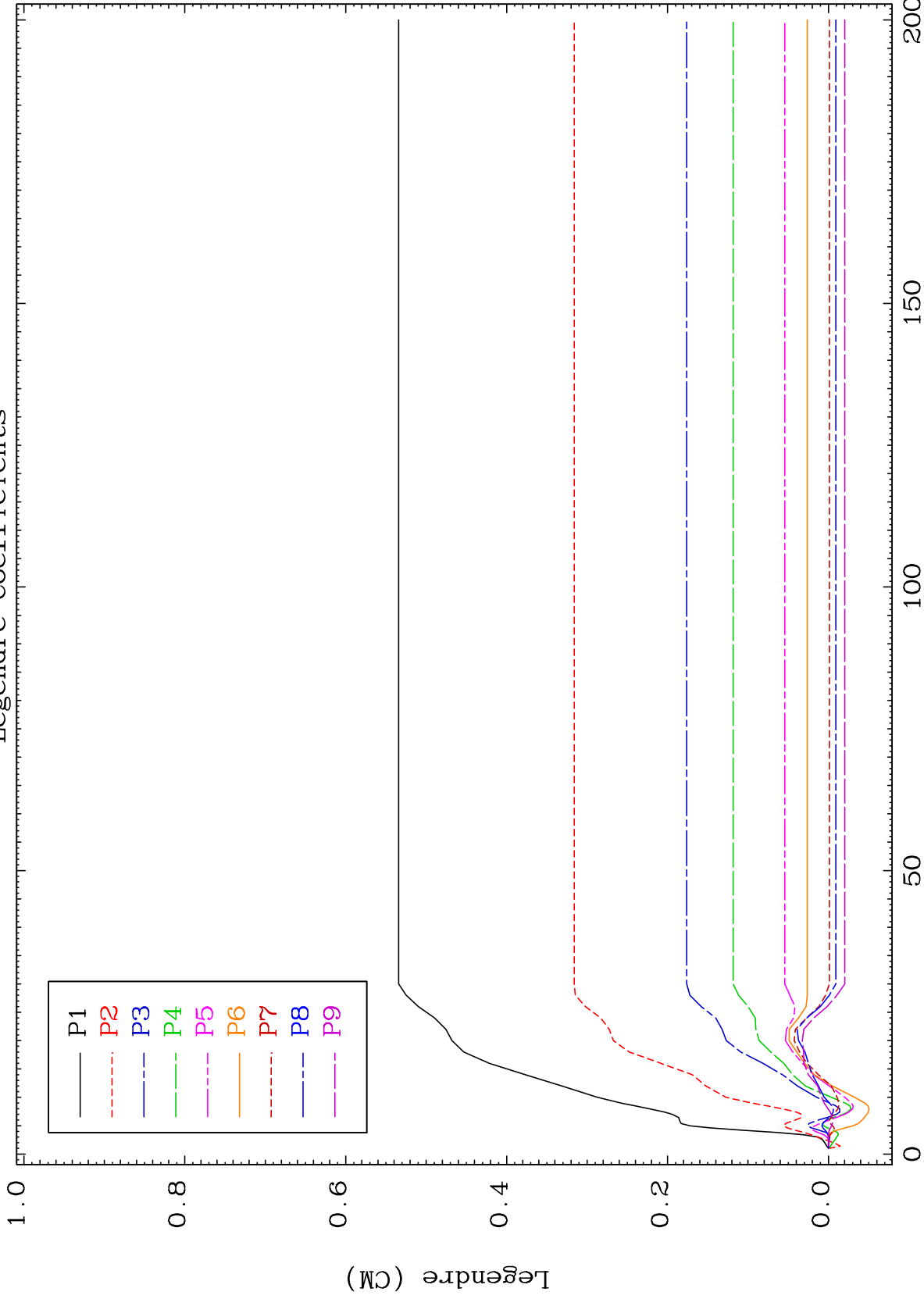
33

72-Hf-170

MAT 7213

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

72-Hf-170

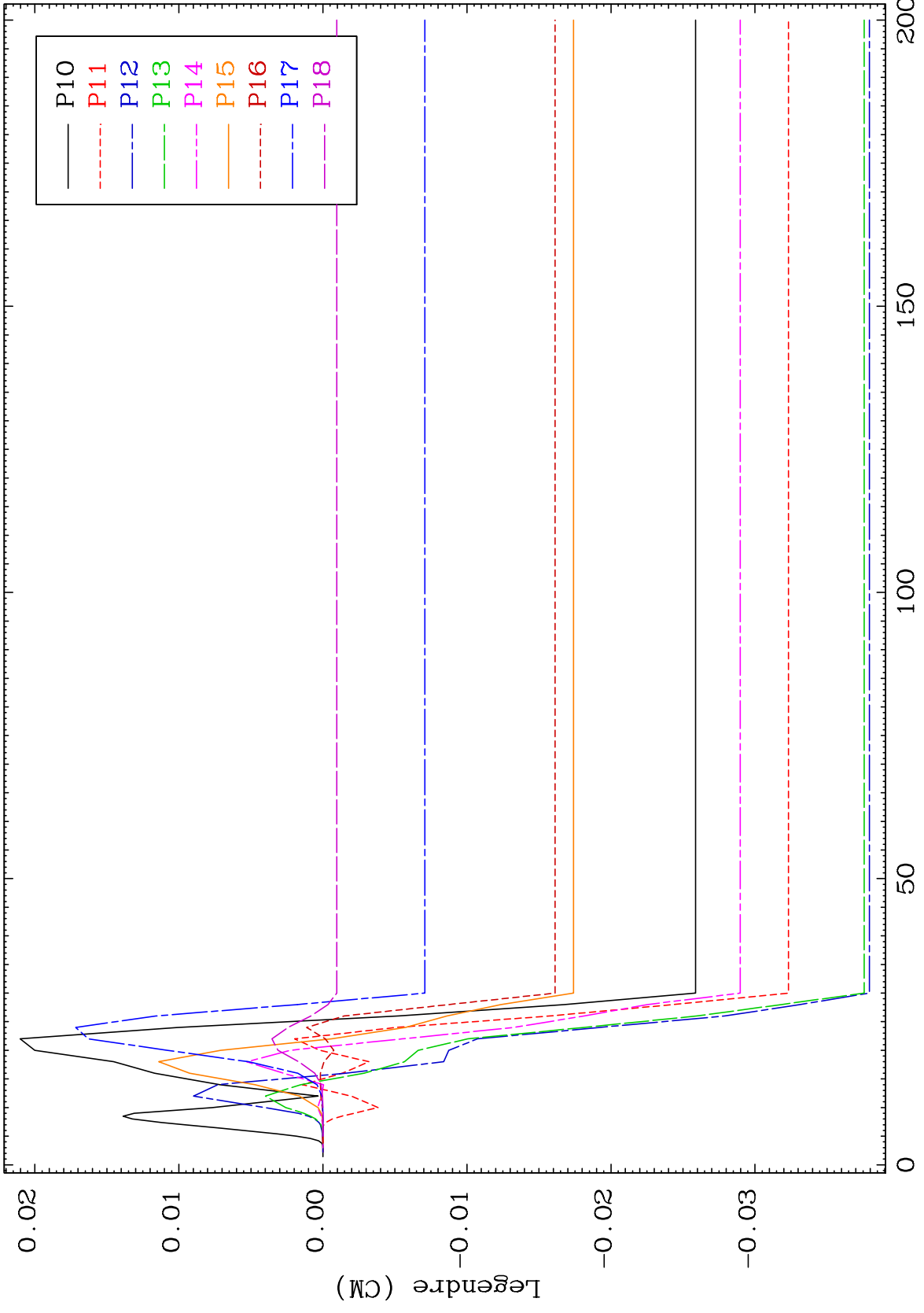


34

Incident Energy (MeV)

72-Hf-170

MAT 7213 MT= 55 (n,n') Level Legendre Coefficients 72-Hf-170

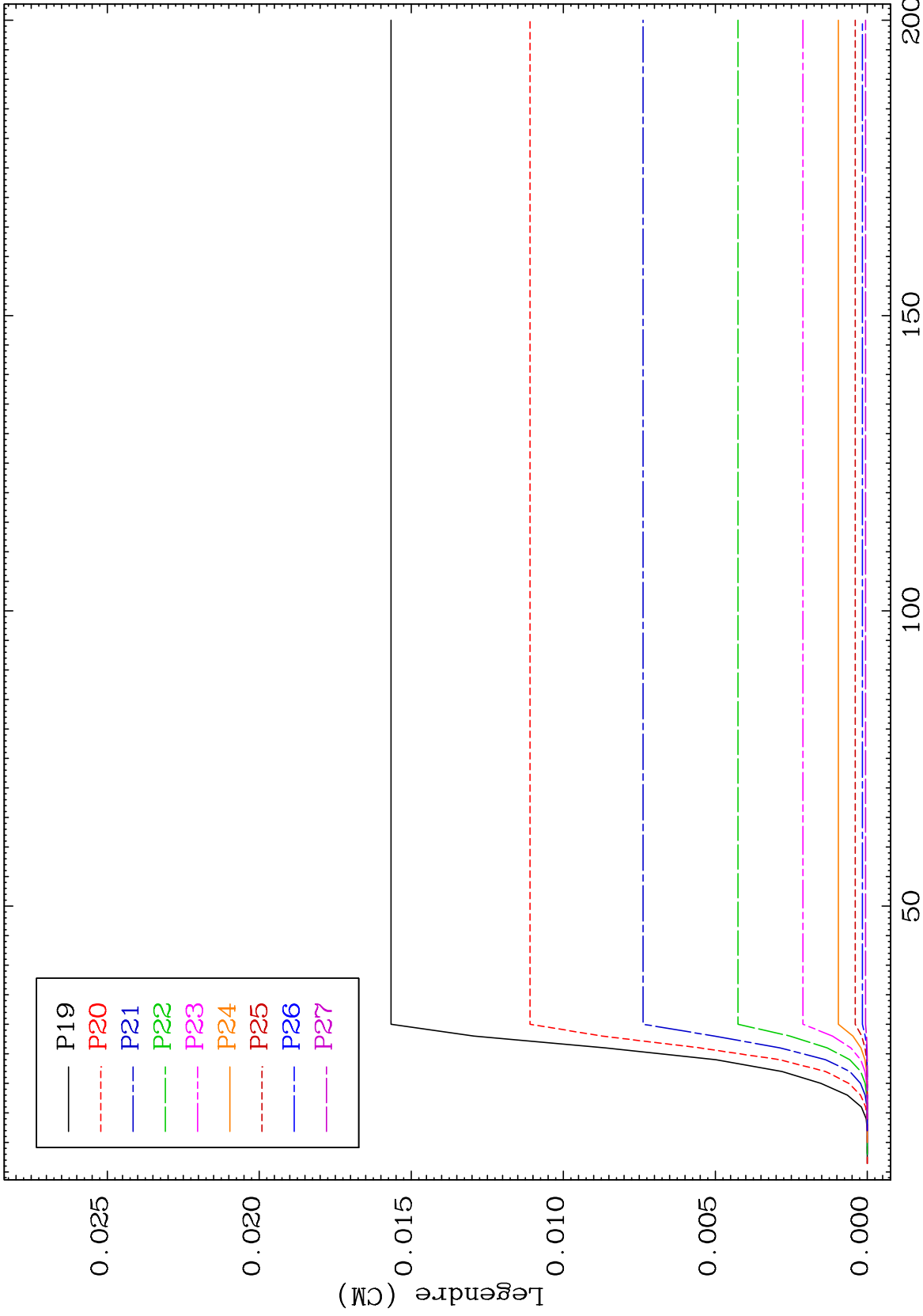


35 72-Hf-170

MAT 7213

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

72-Hf-170



36

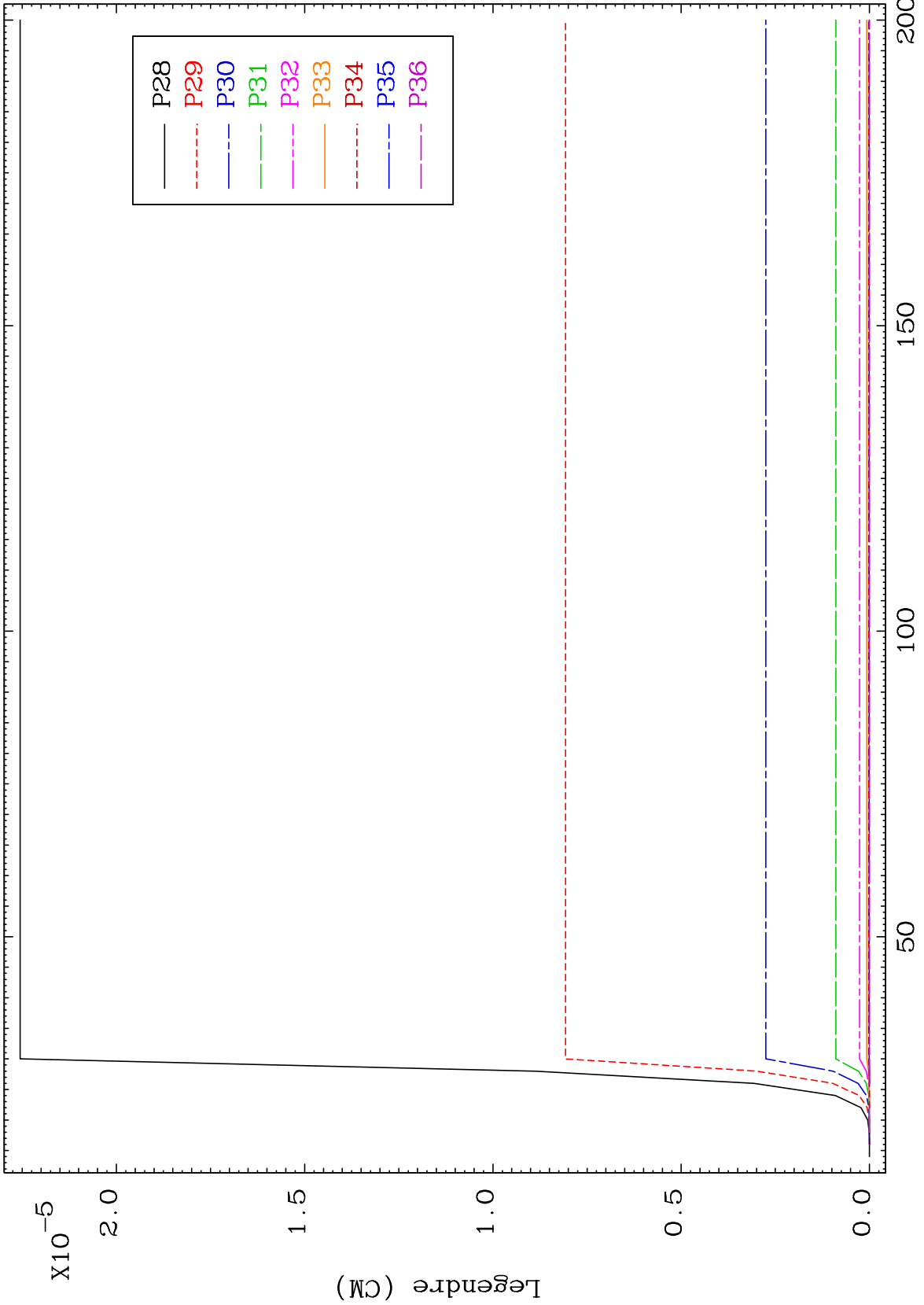
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



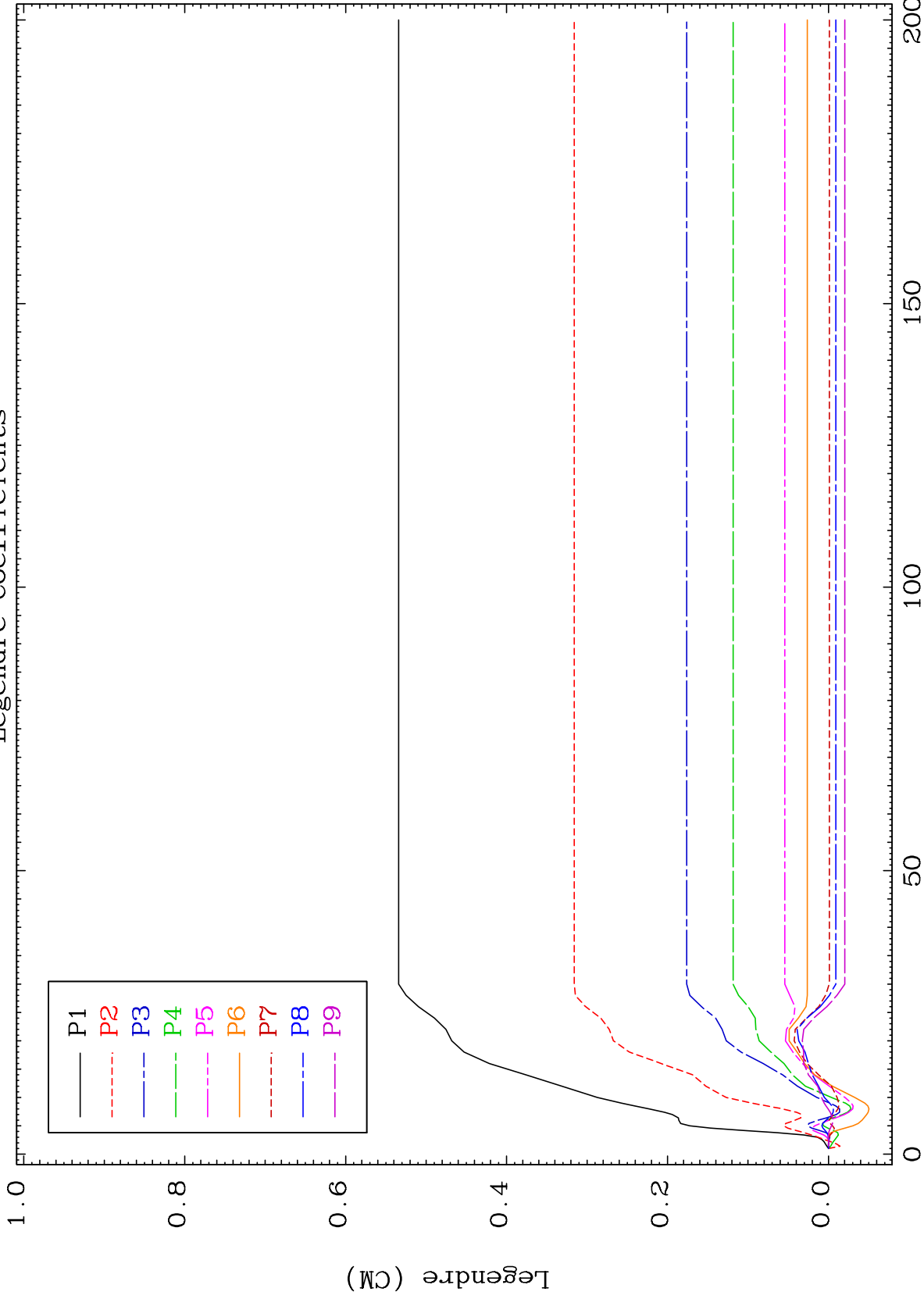
37

72-Hf-170

MAT 7213

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

72-Hf-170

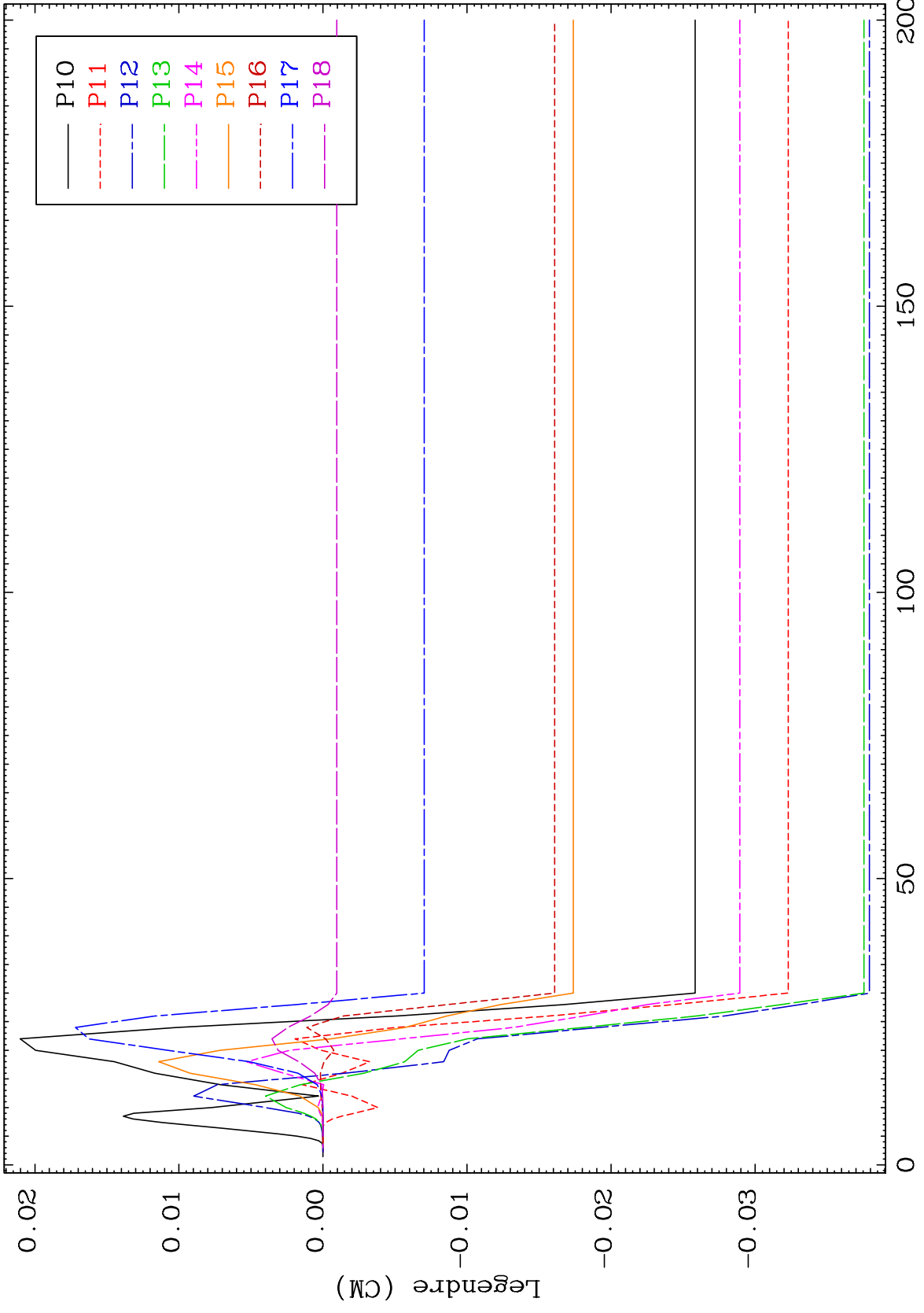


38

Incident Energy (MeV)

72-Hf-170

MAT 7213 MT= 56 (n,n') Level Legendre Coefficients 72-Hf-170

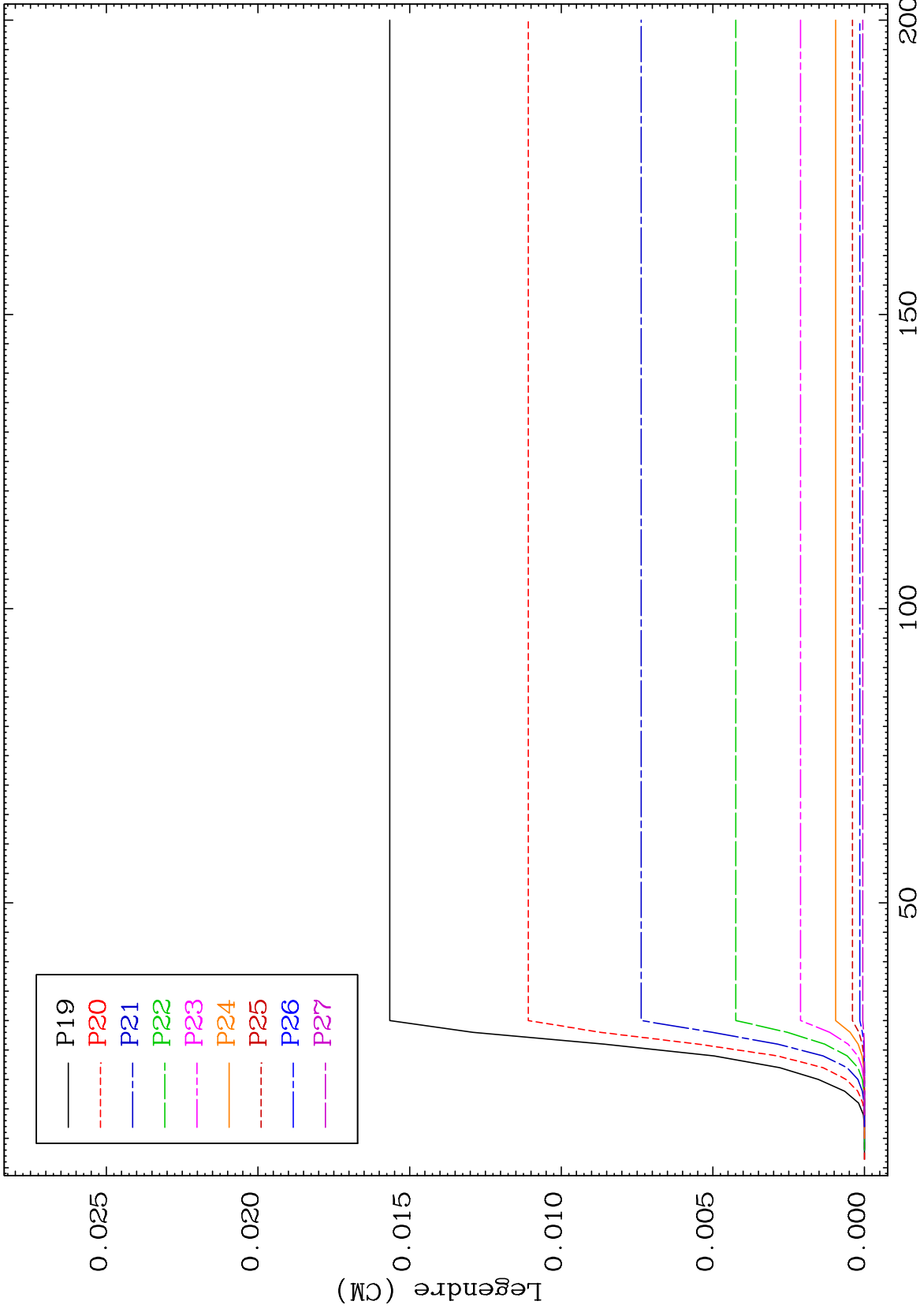


39 72-Hf-170

MAT 7213

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

72-Hf-170



40

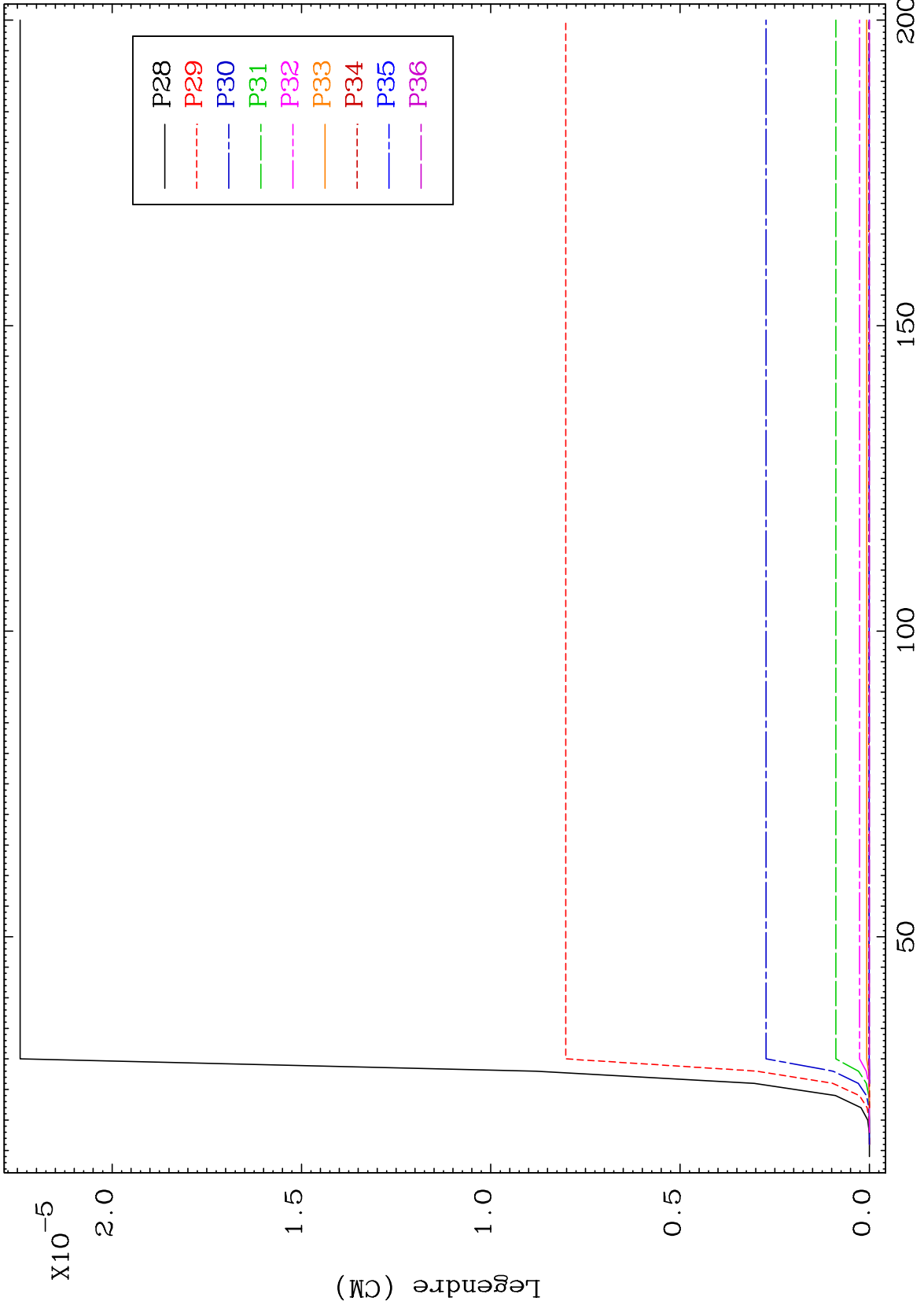
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



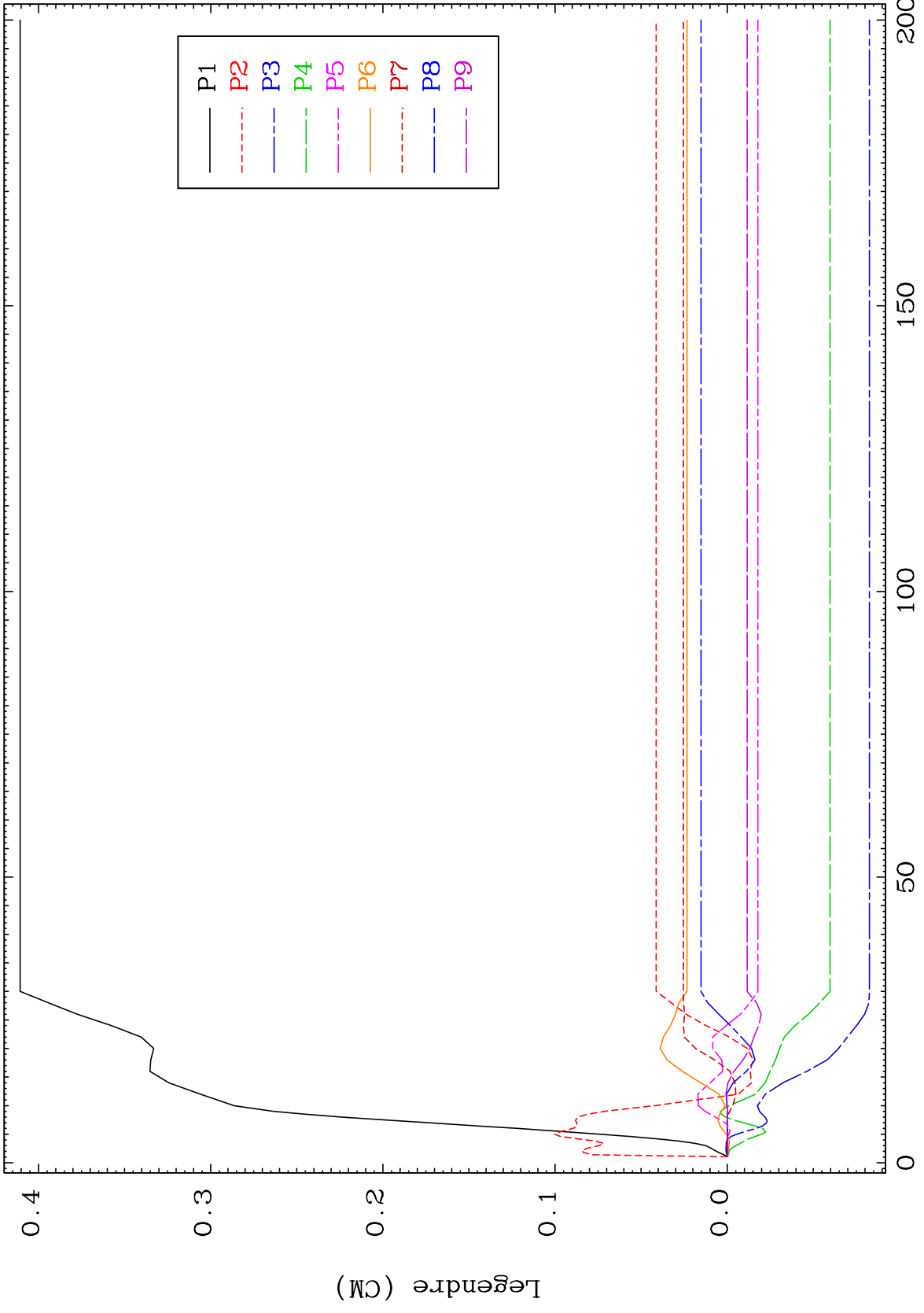
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72-Hf-170

MAT 7213

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

72-Hf-170



42

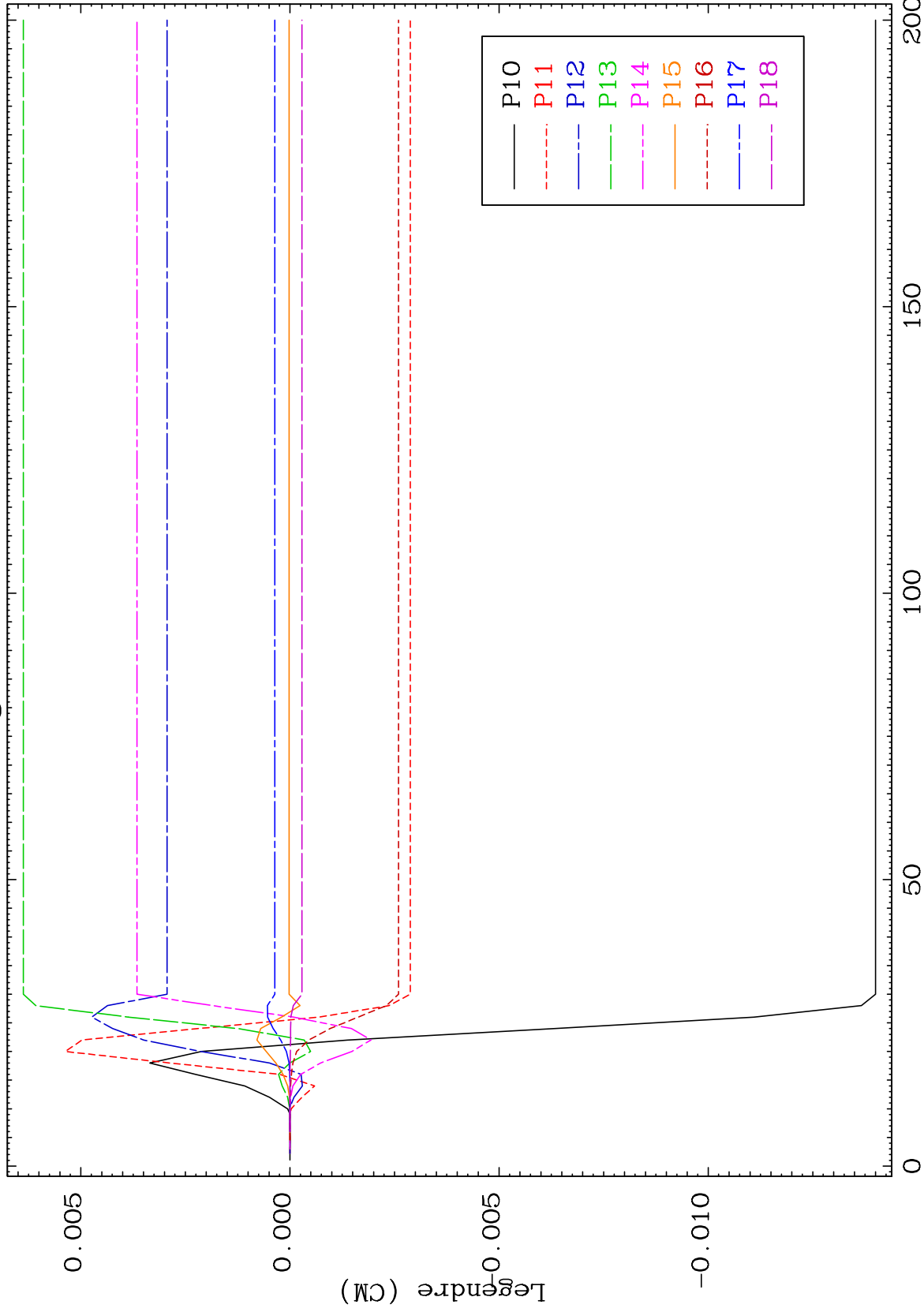
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



43

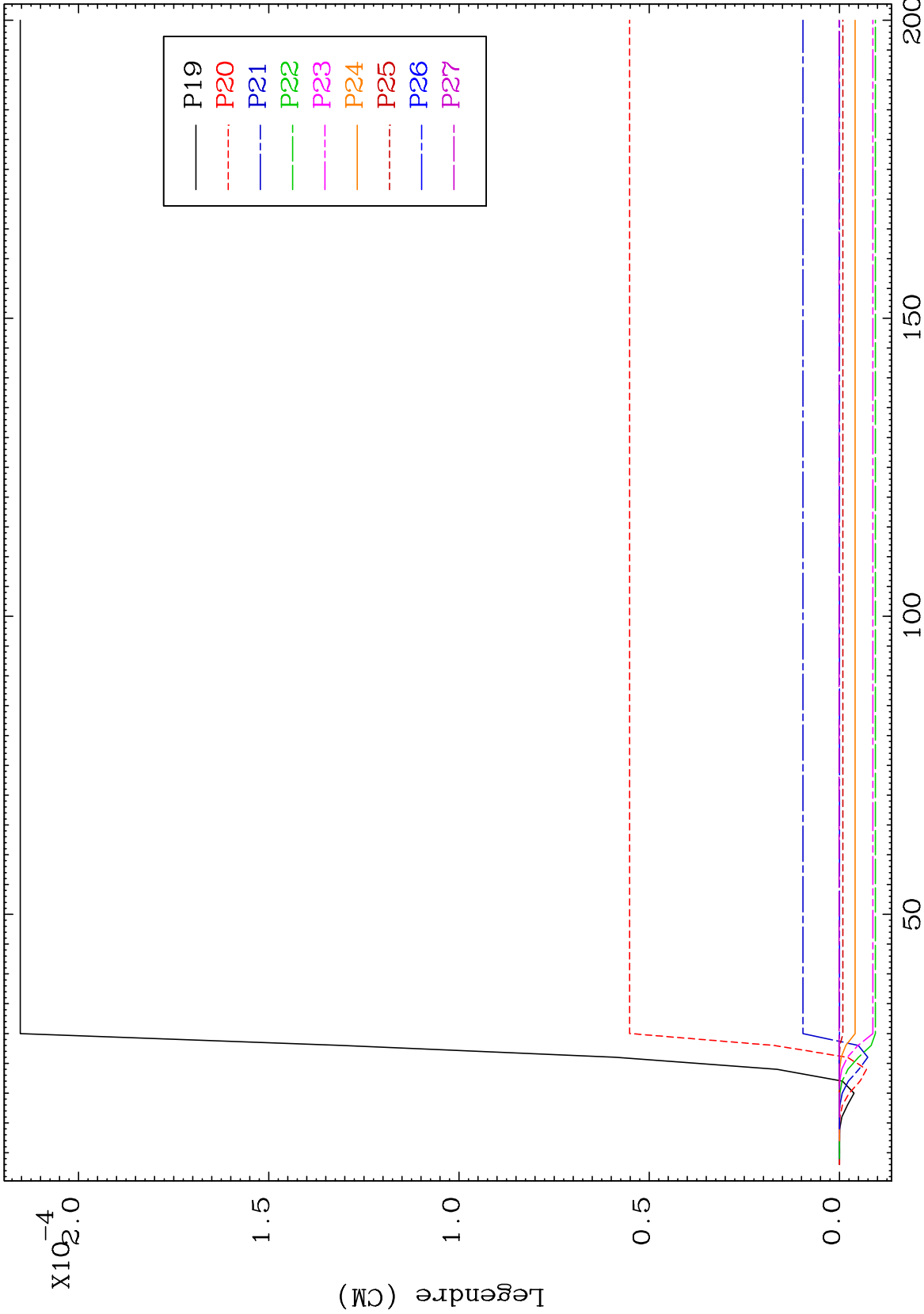
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



44

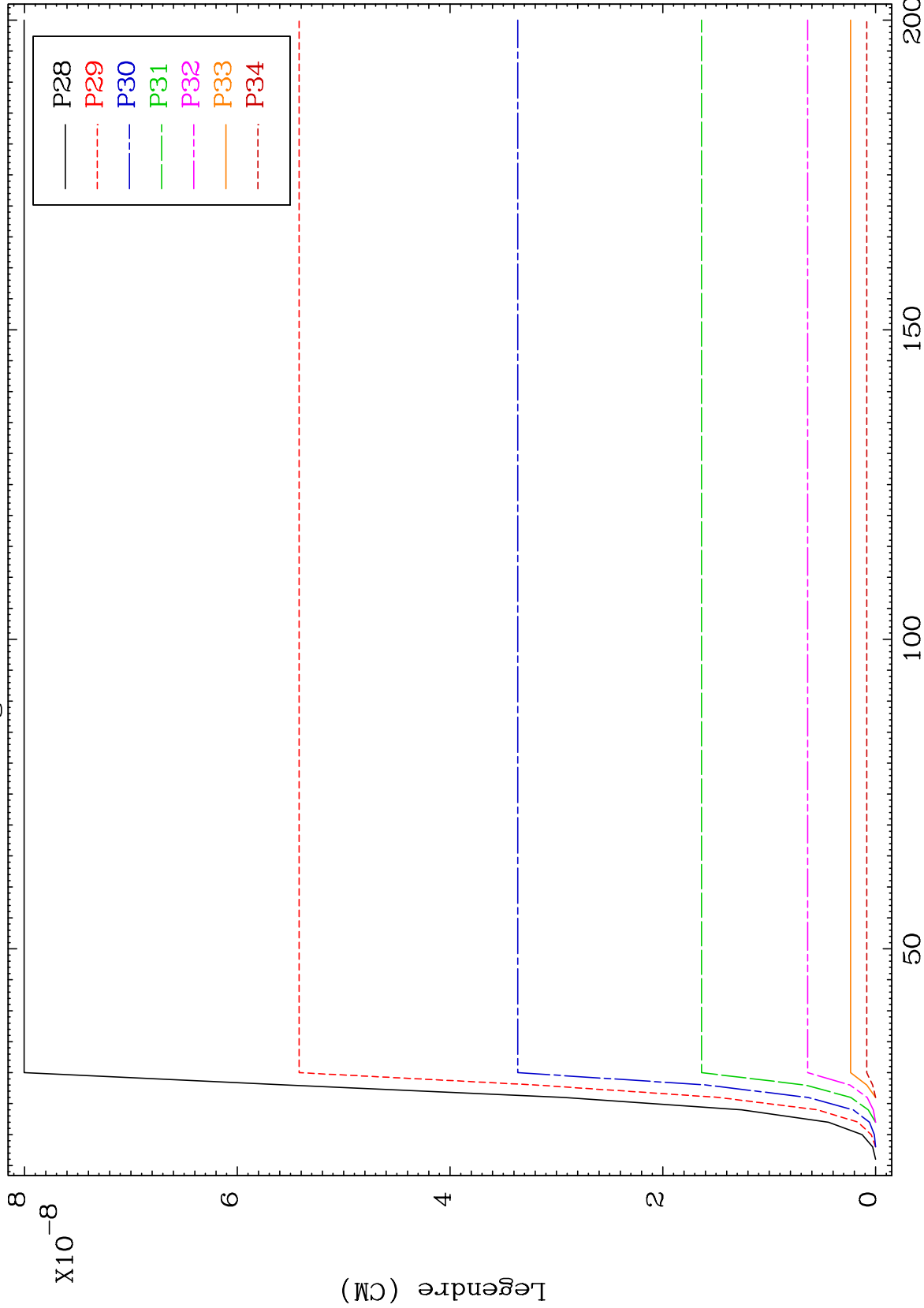
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



45

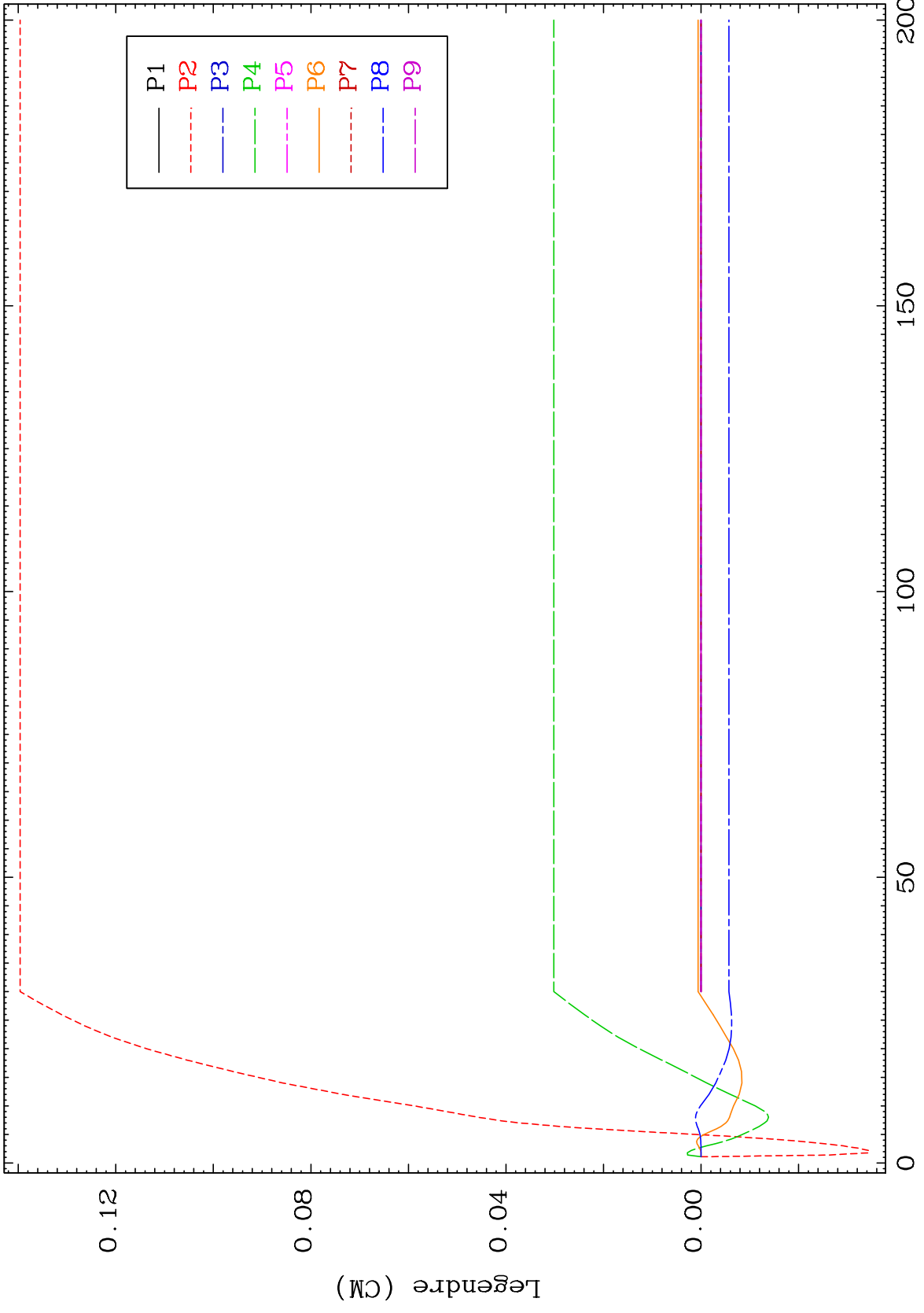
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170

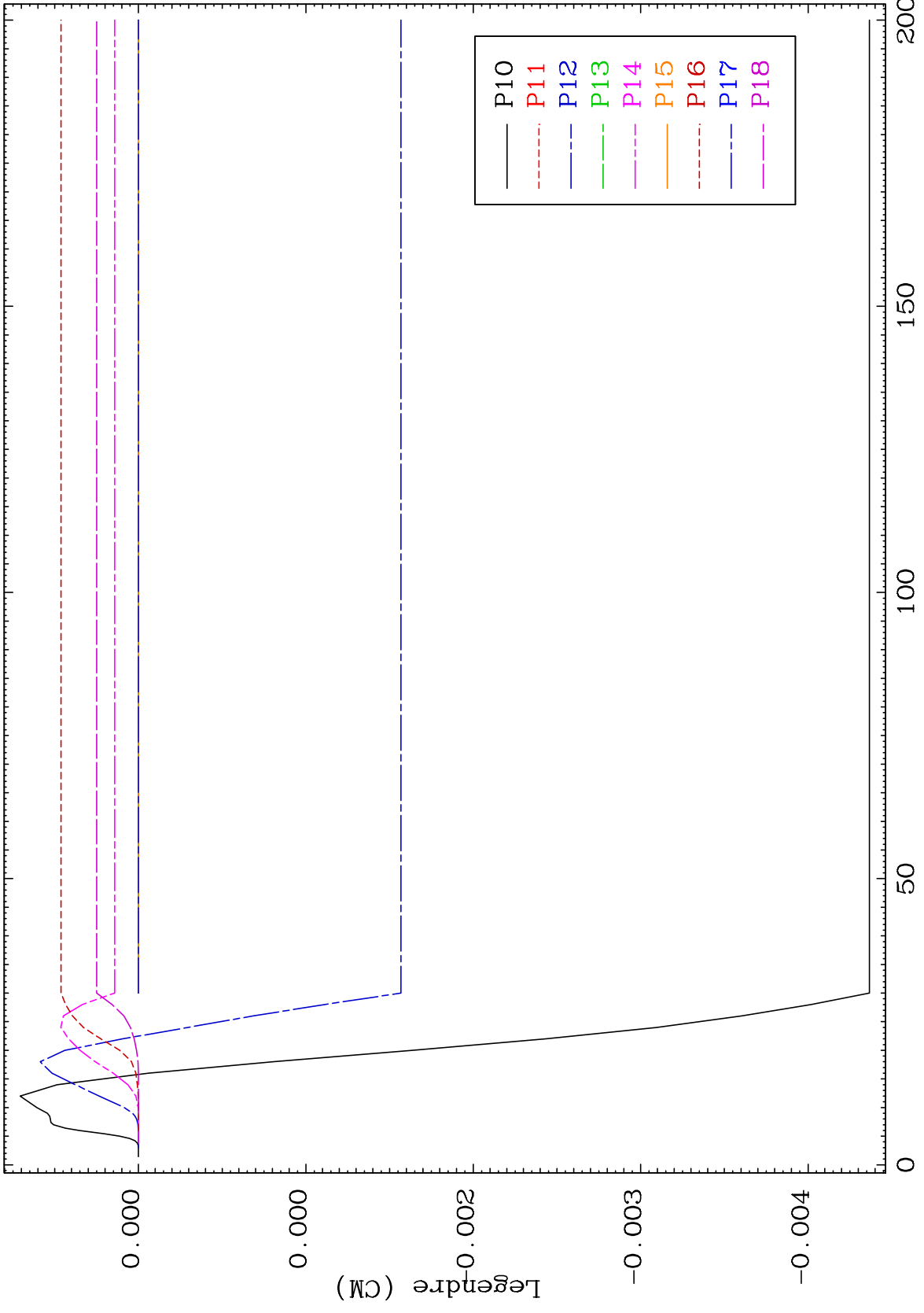


46

Incident Energy (MeV)

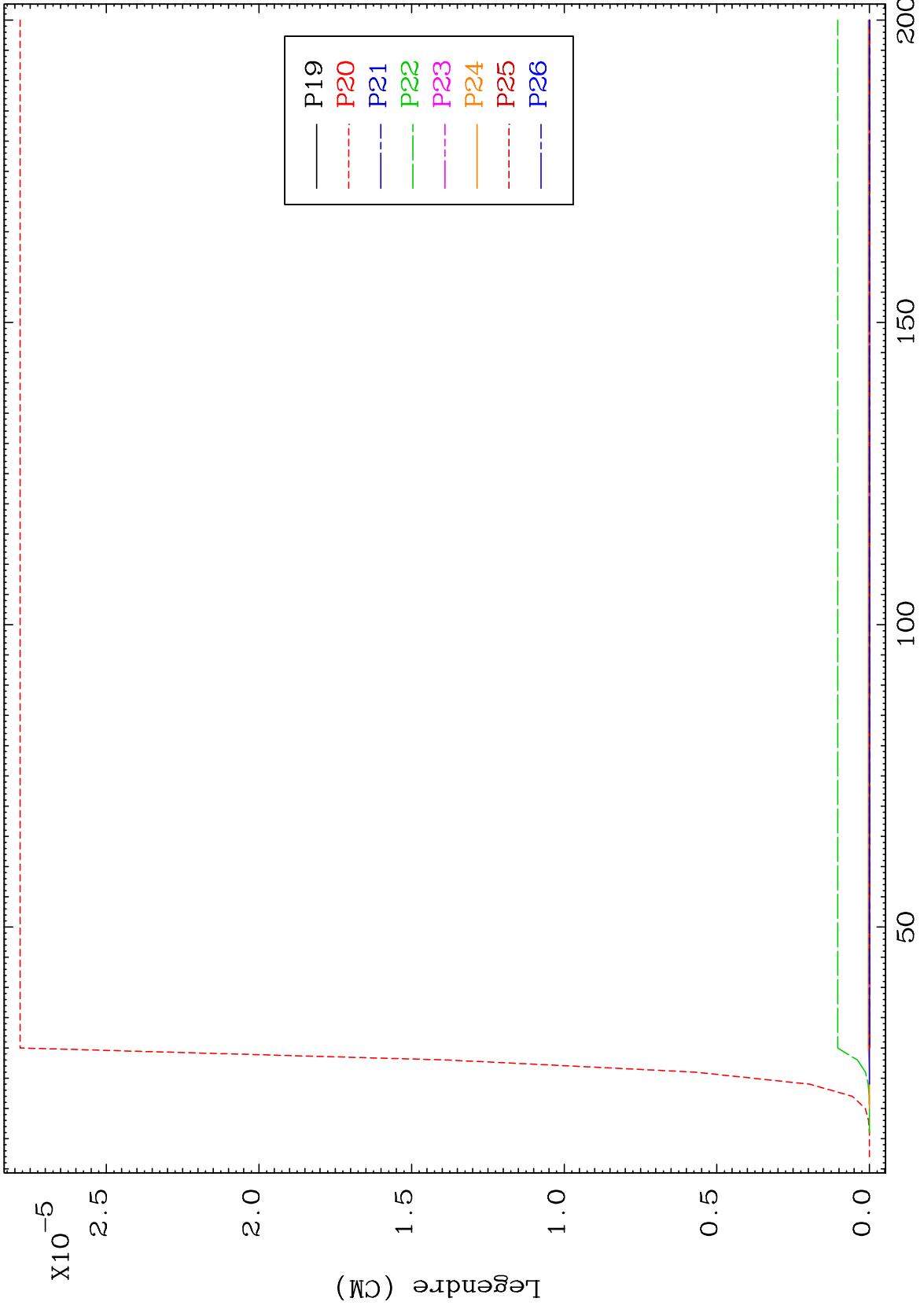
72-Hf-170

MAT 7213 MT= 58 (n,n') Level Legendre Coefficients 72-Hf-170



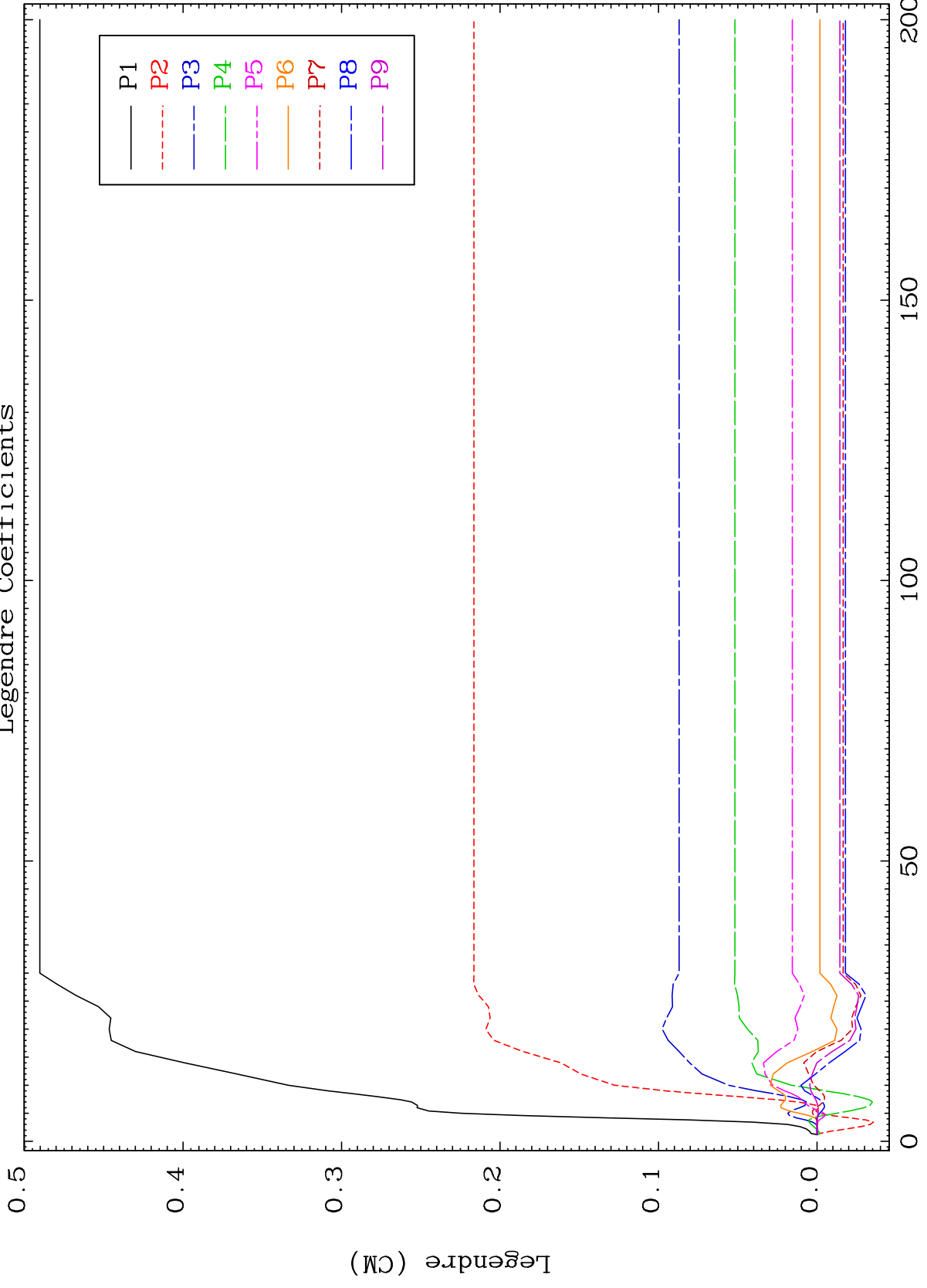
47 72-Hf-170

MAT 7213 MT= 58 (n,n') Level Legendre Coefficients 72-Hf-170



48 Incident Energy (MeV) 72-Hf-170

MAT 7213 MT= 59 (n,n') Level Legendre Coefficients 72-Hf-170

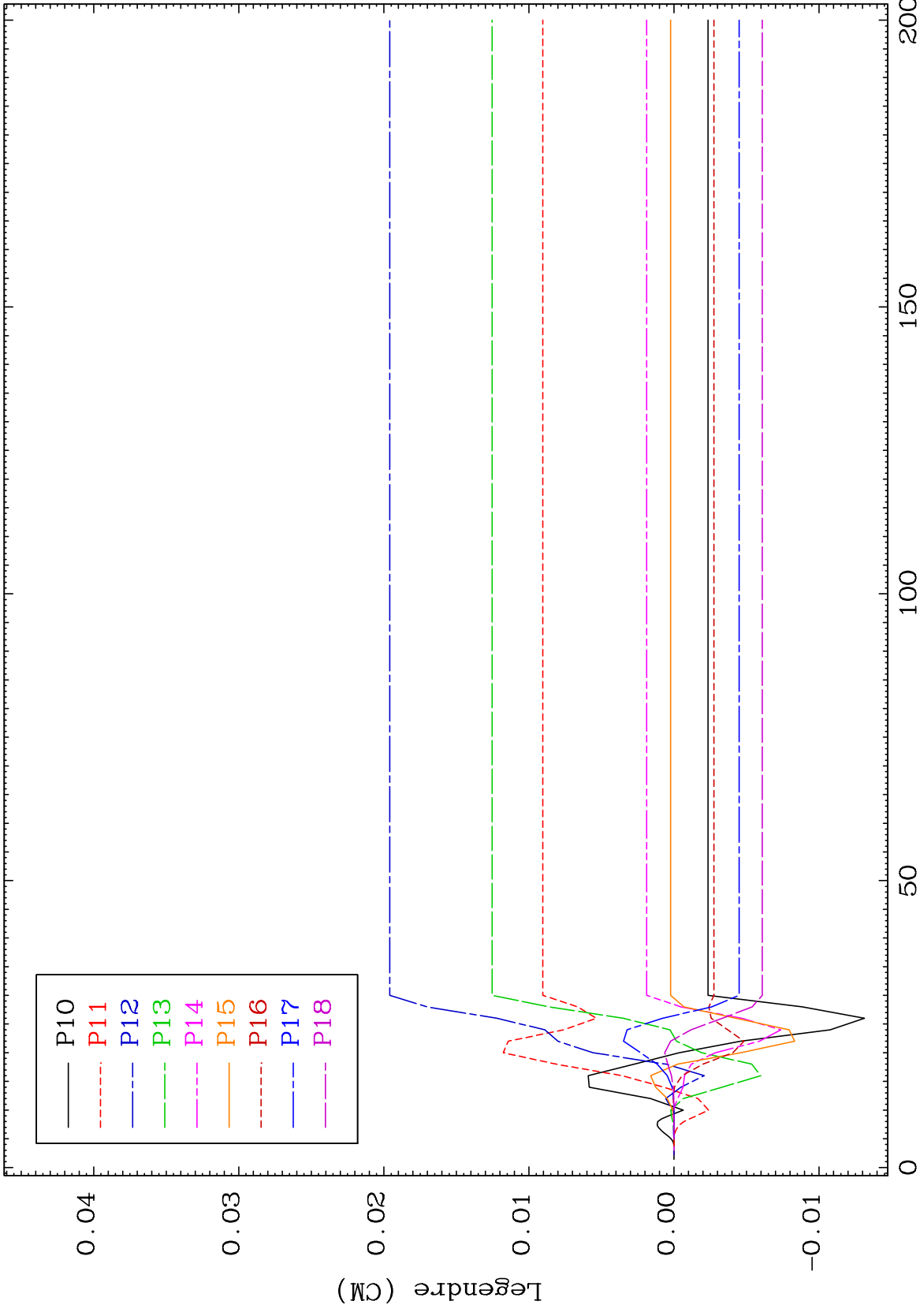


49 72-Hf-170

MAT 7213

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

72-Hf-170



50

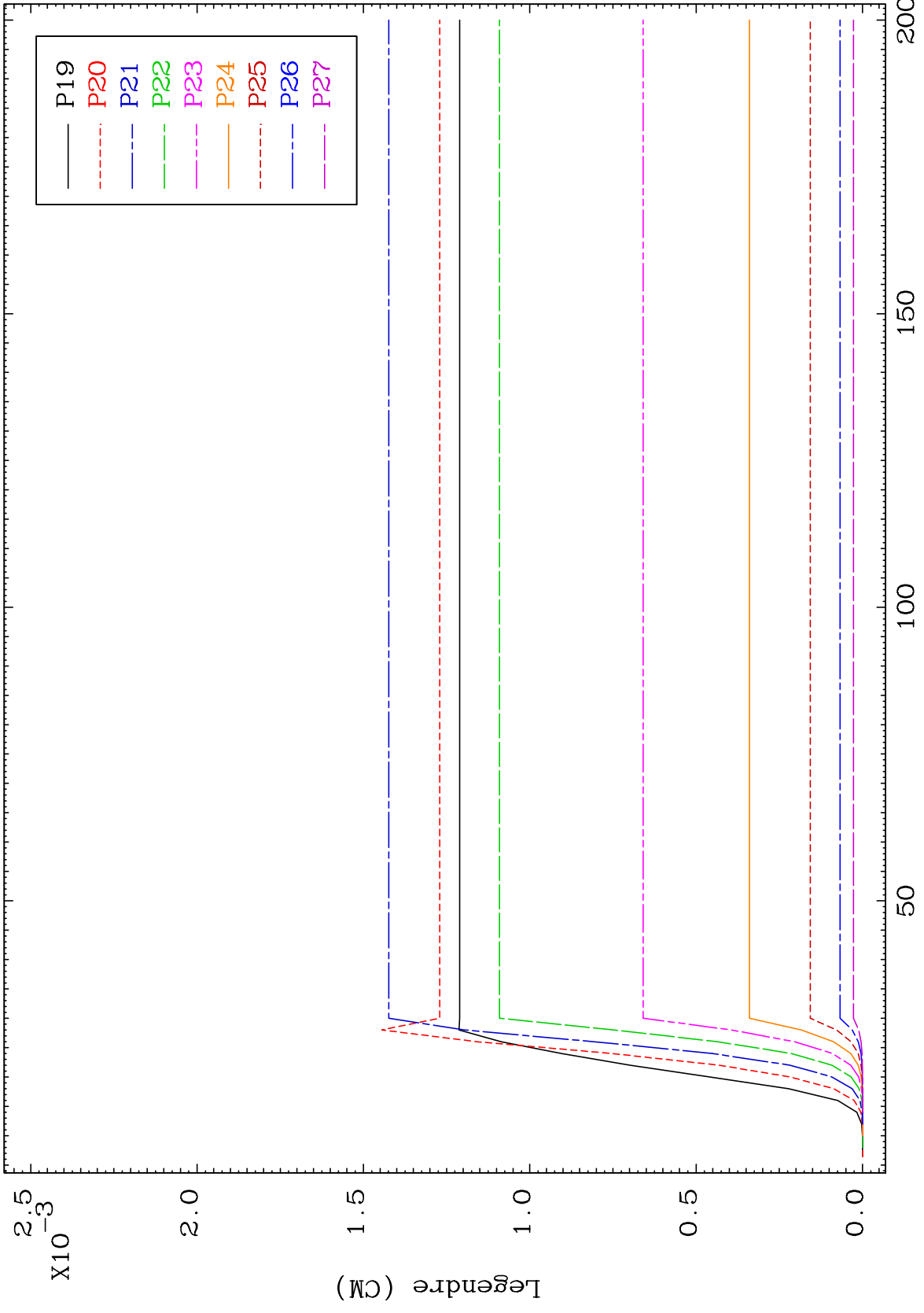
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



51

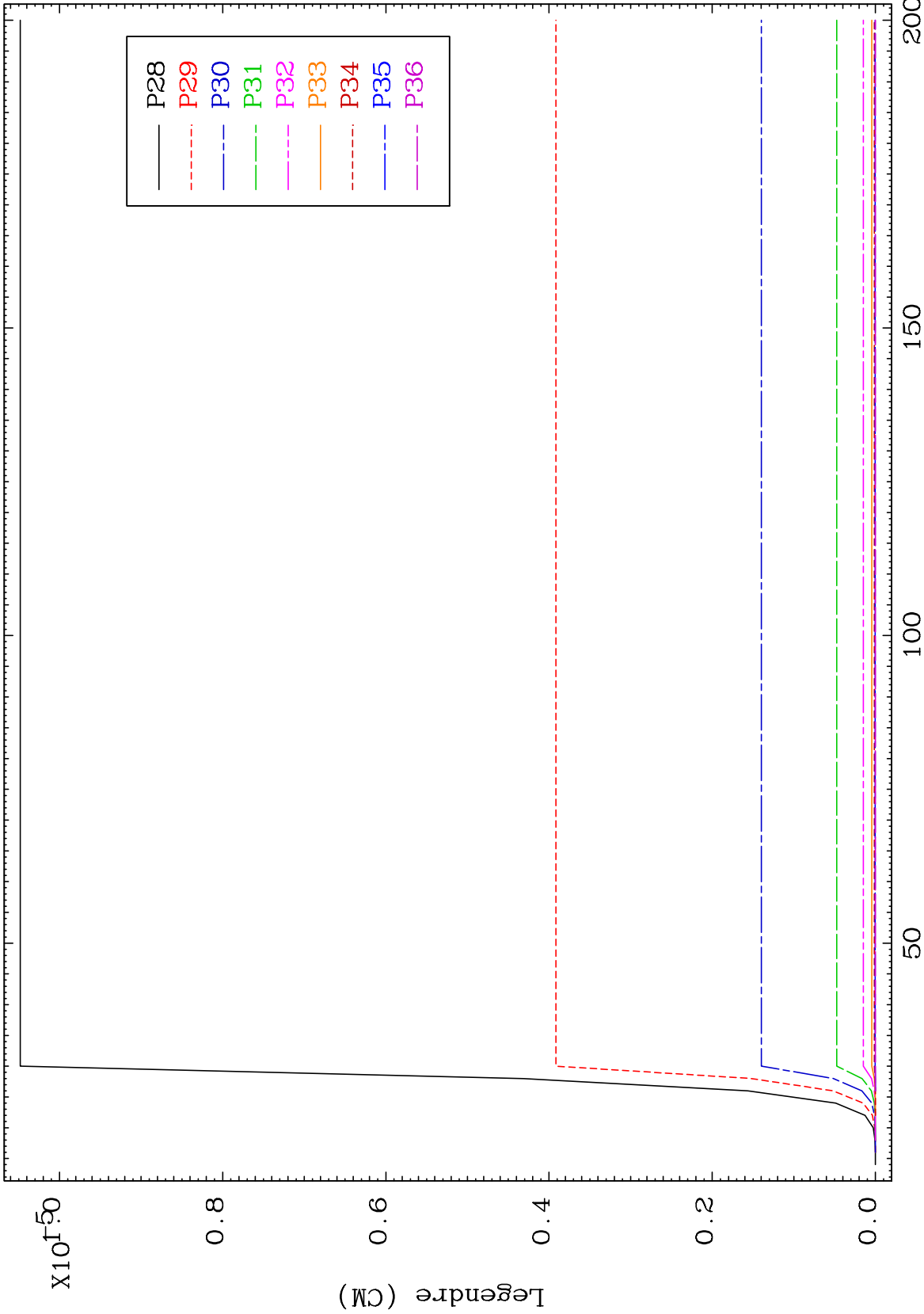
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170

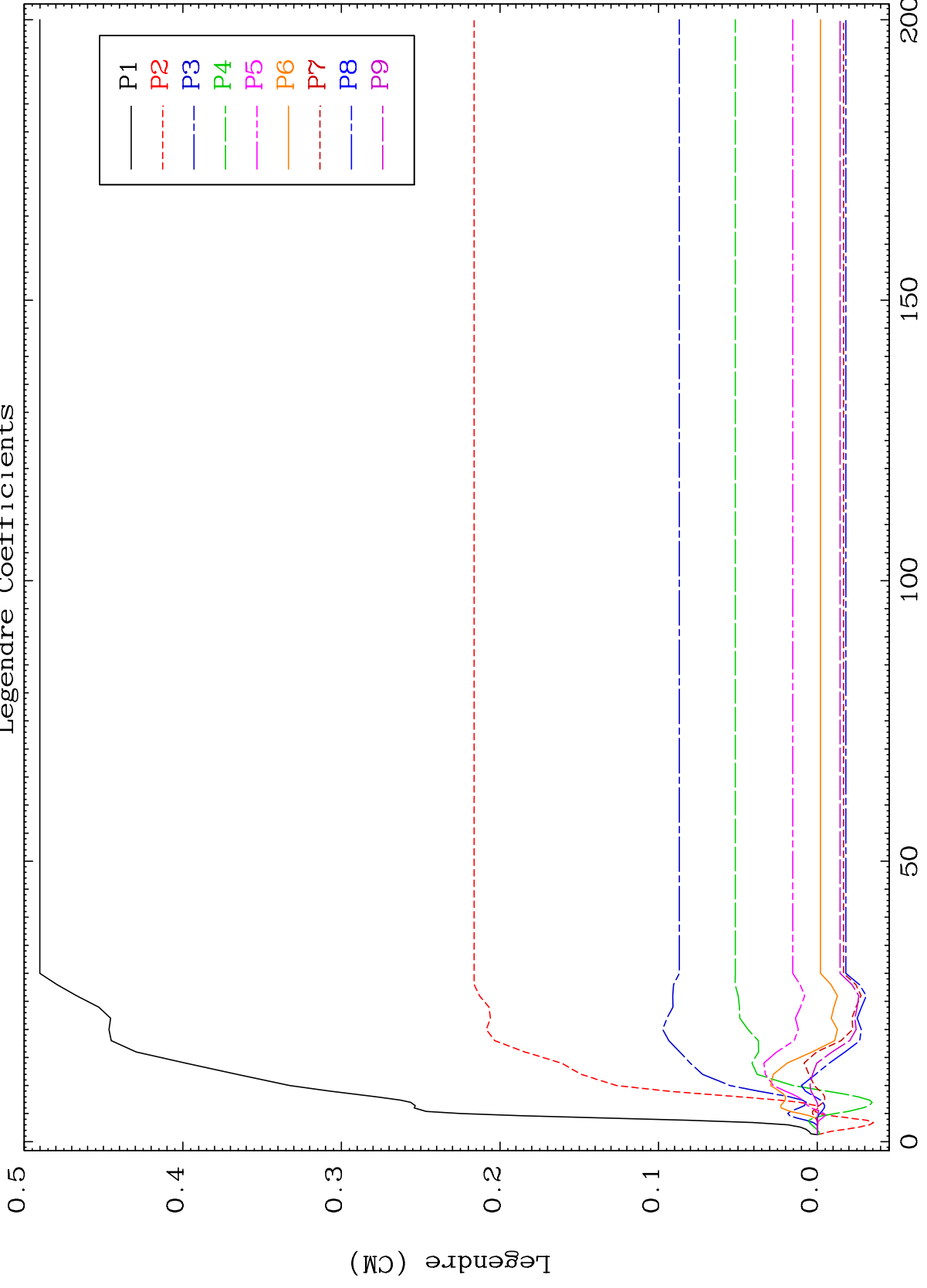


52

Incident Energy (MeV)

72-Hf-170

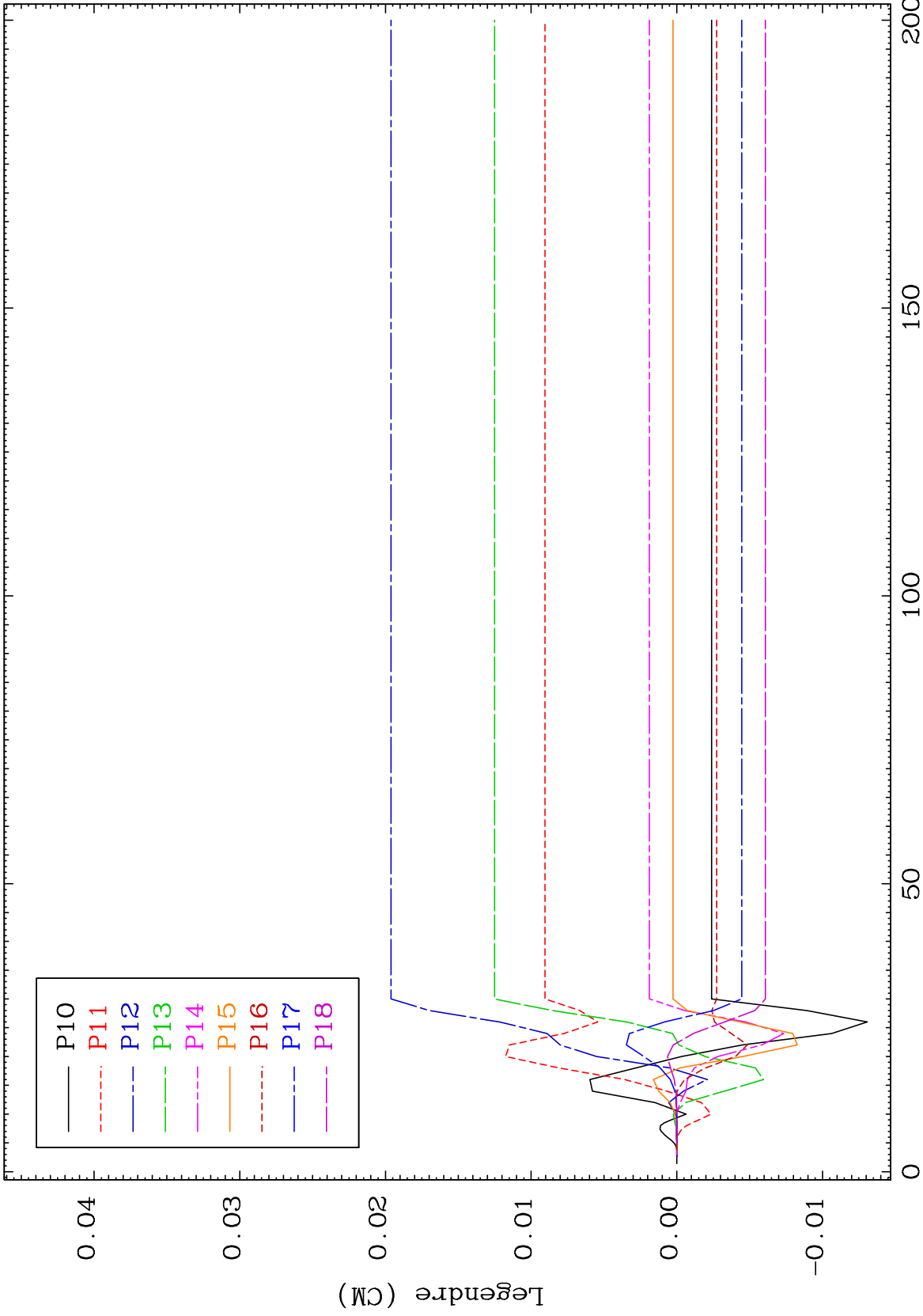
MAT 7213 MT= 60 (n,n') Level Legendre Coefficients 72-Hf-170



MAT 7213

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

72-Hf-170



54

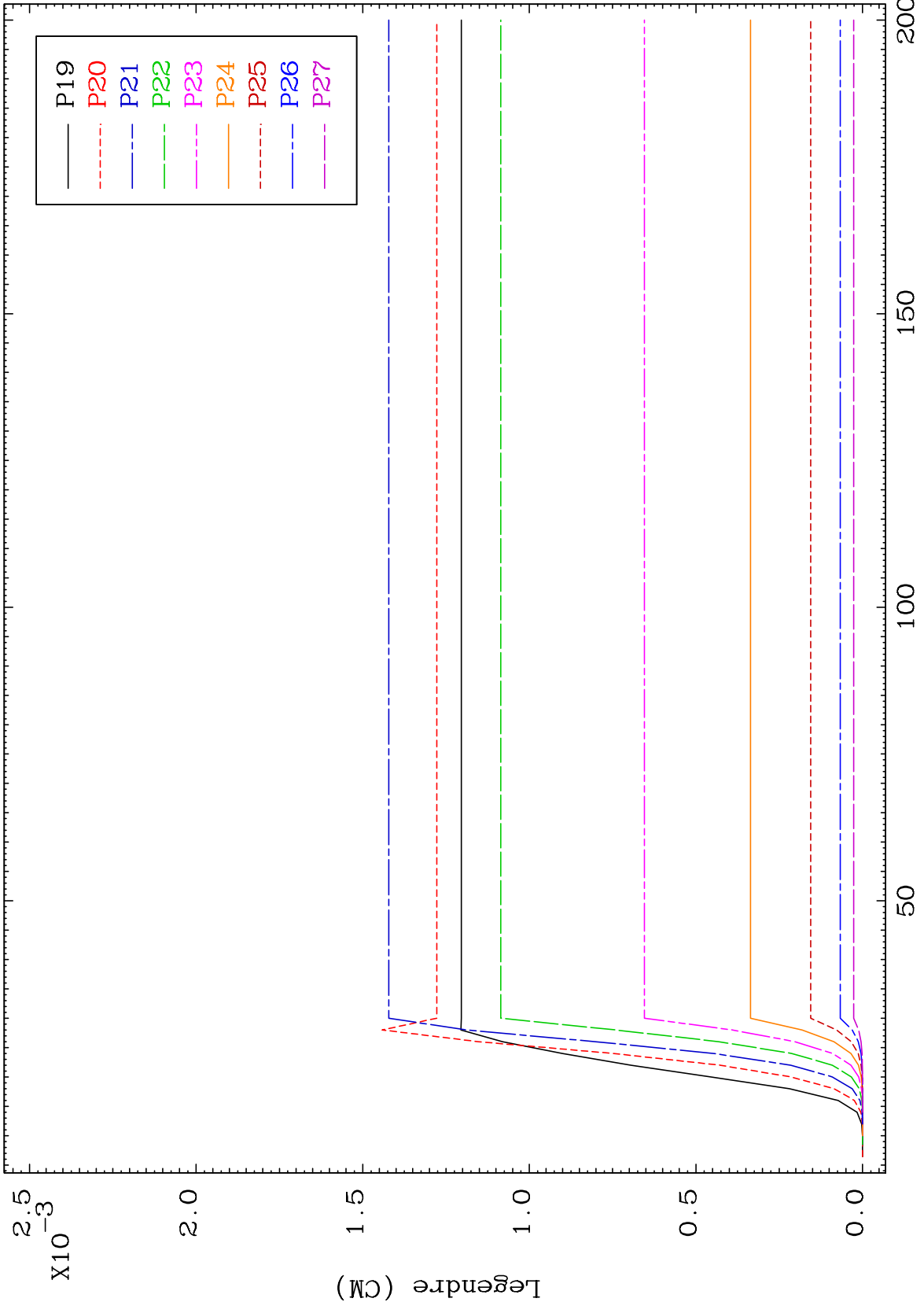
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



55

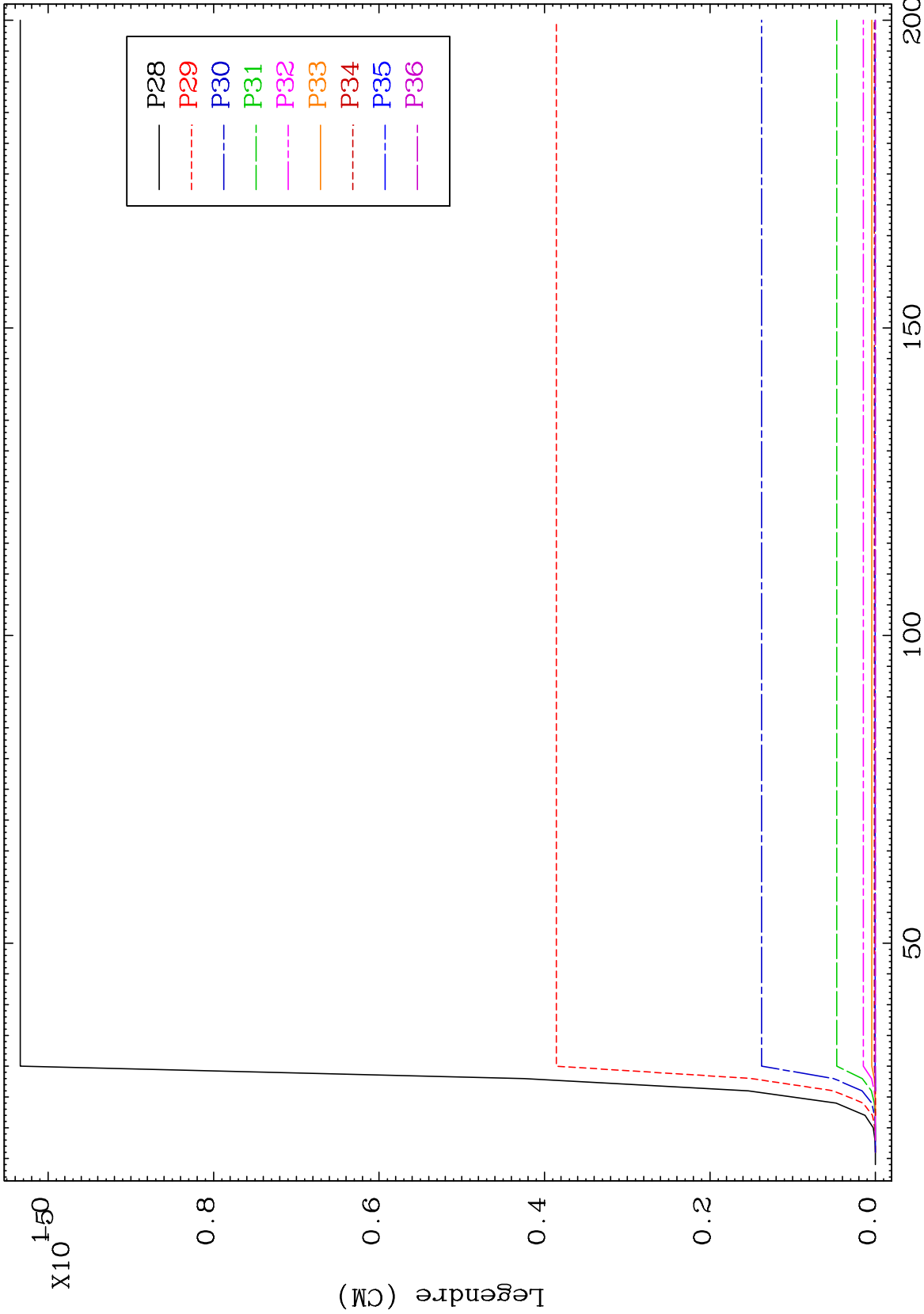
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170

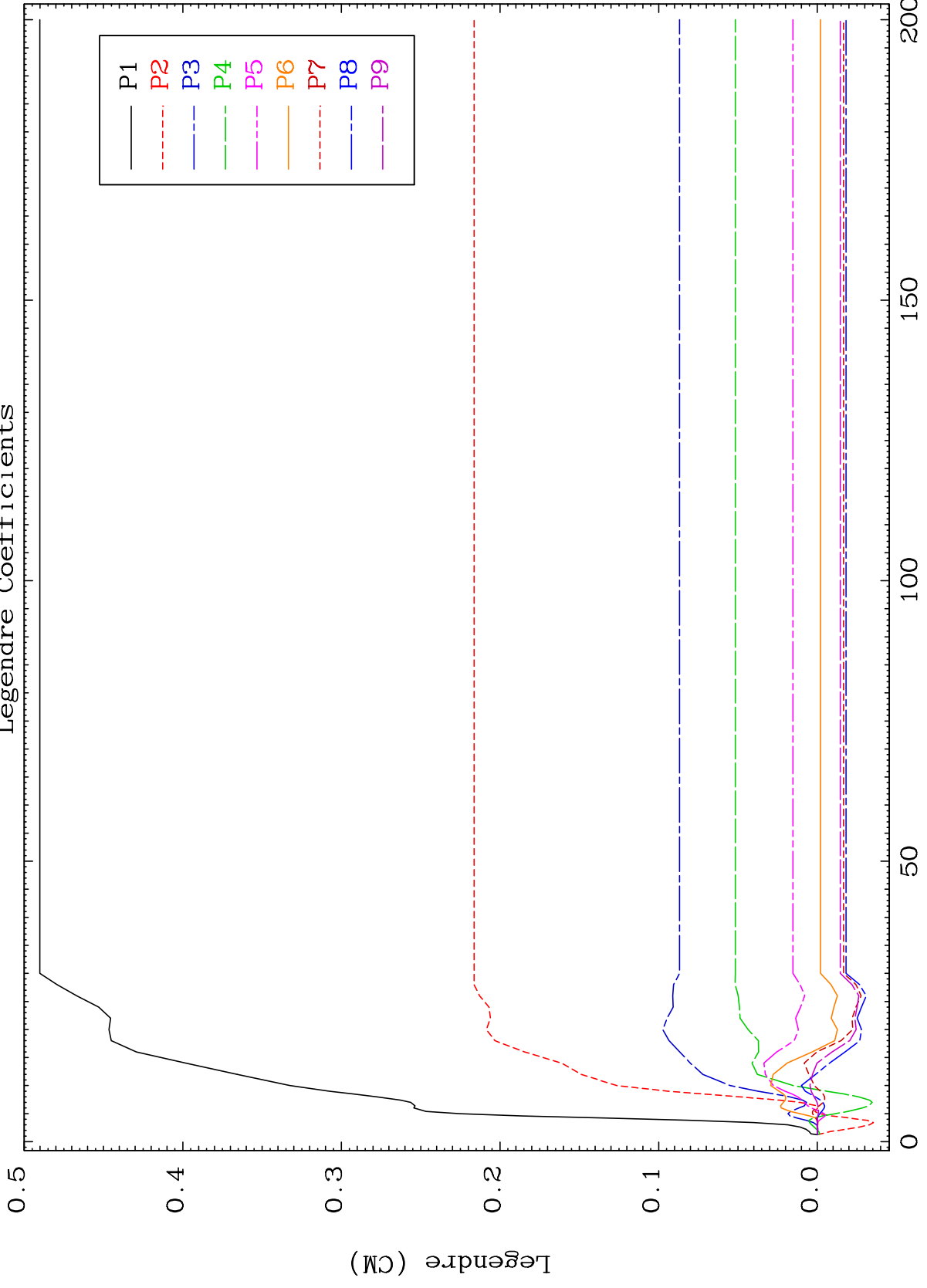


56

Incident Energy (MeV)

72-Hf-170

MAT 7213 MT= 61 (n,n') Level Legendre Coefficients 72-Hf-170

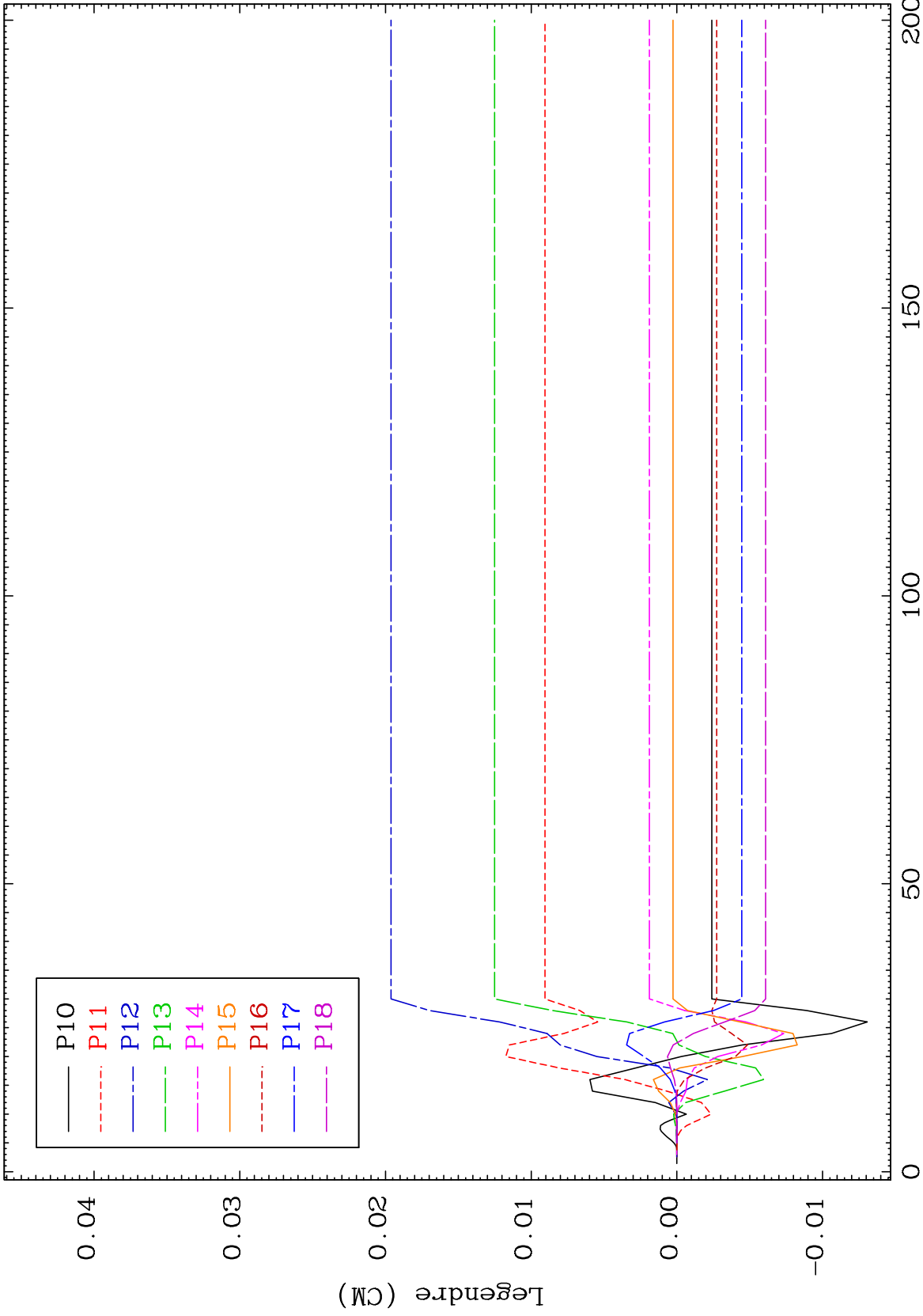


57 72-Hf-170

MAT 7213

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

72-Hf-170



58

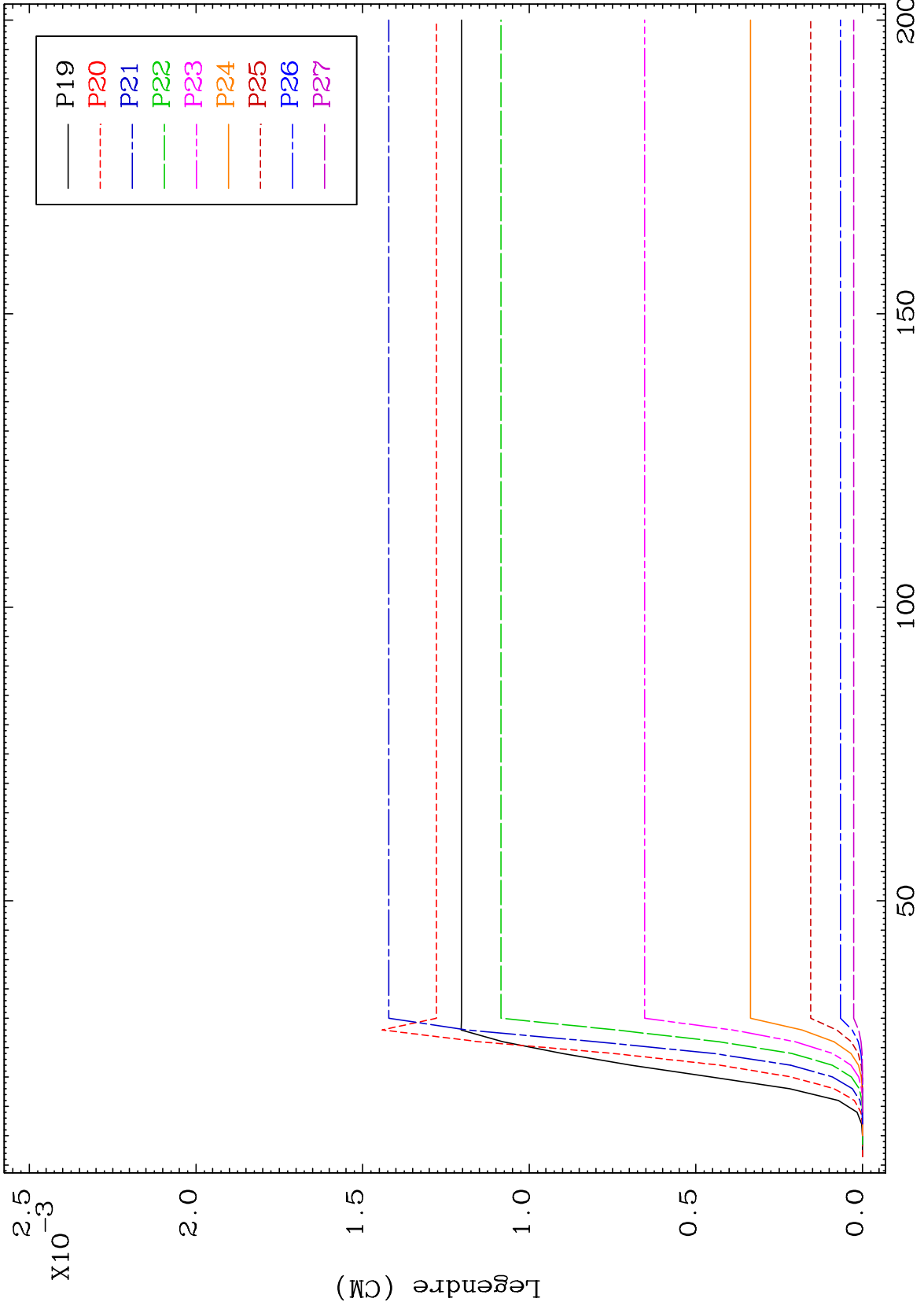
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



59

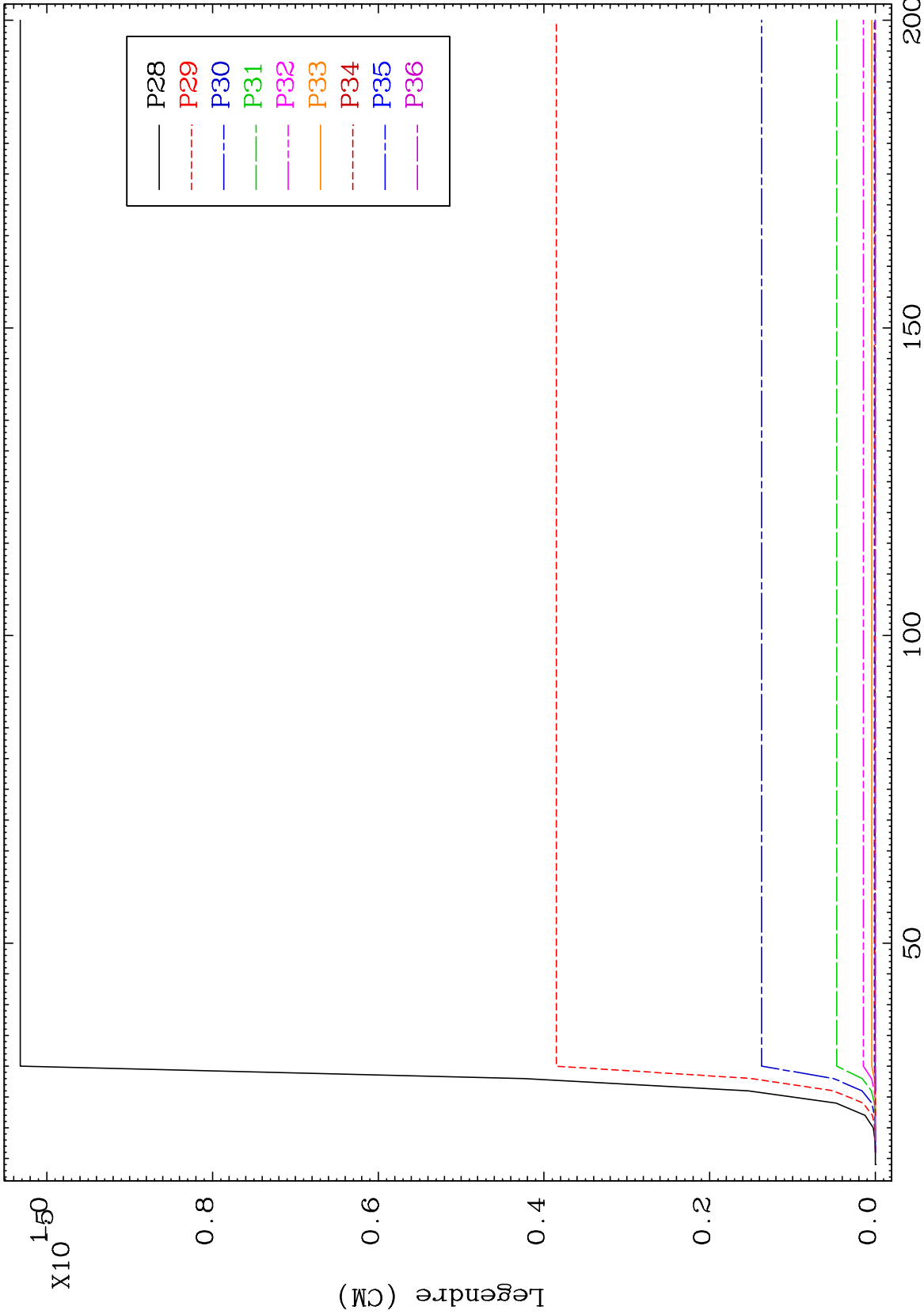
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



60

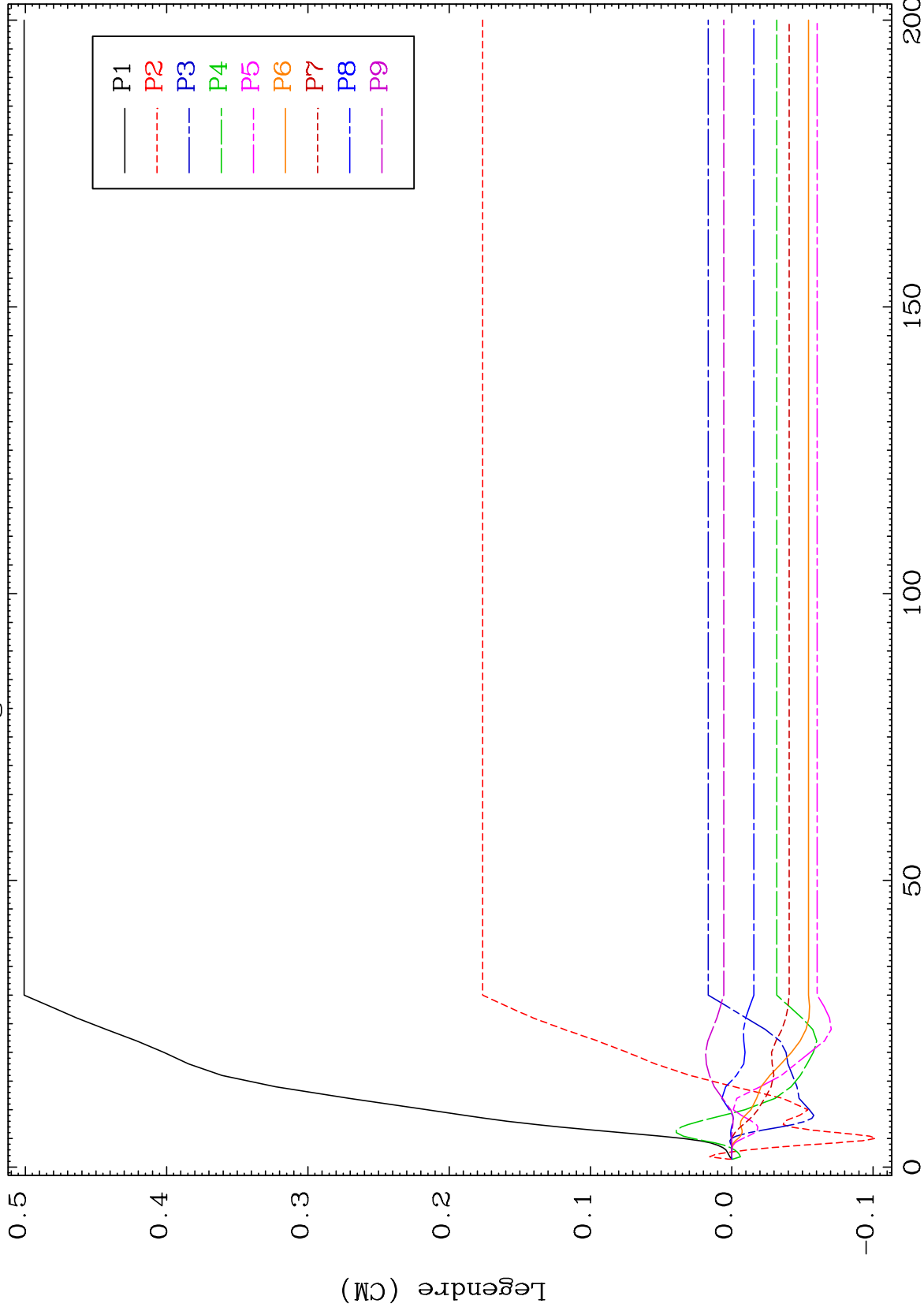
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



61

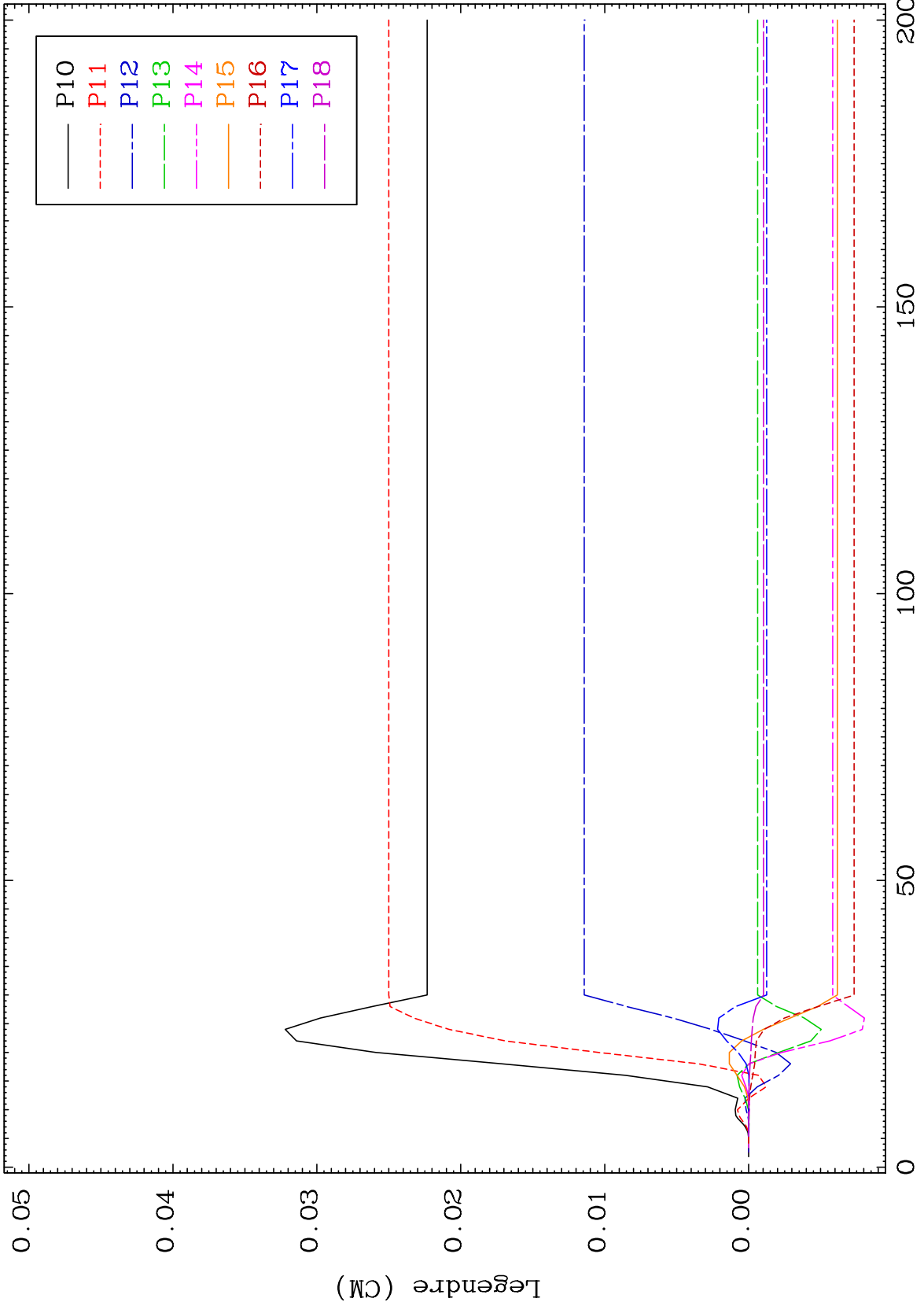
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



62

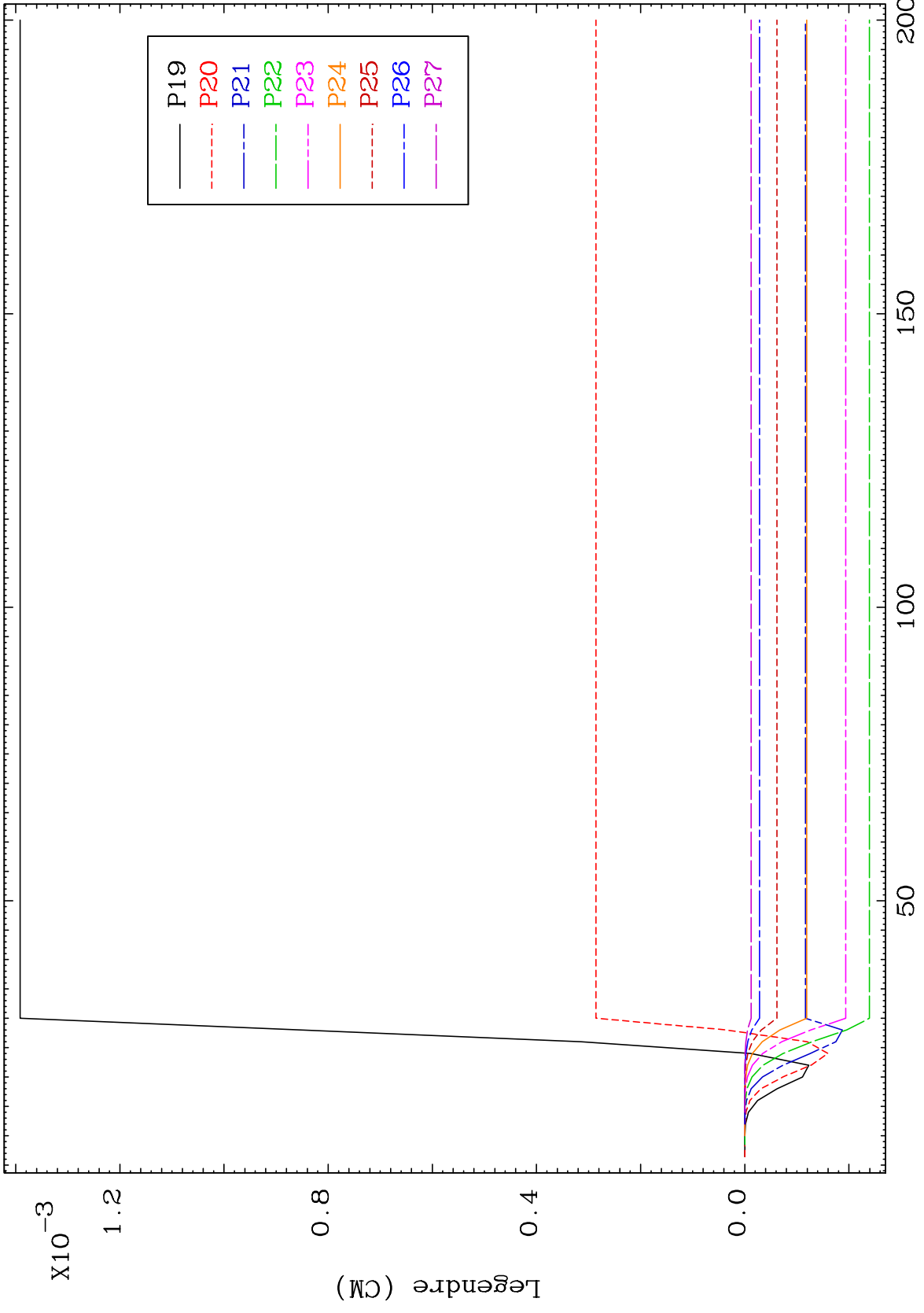
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170

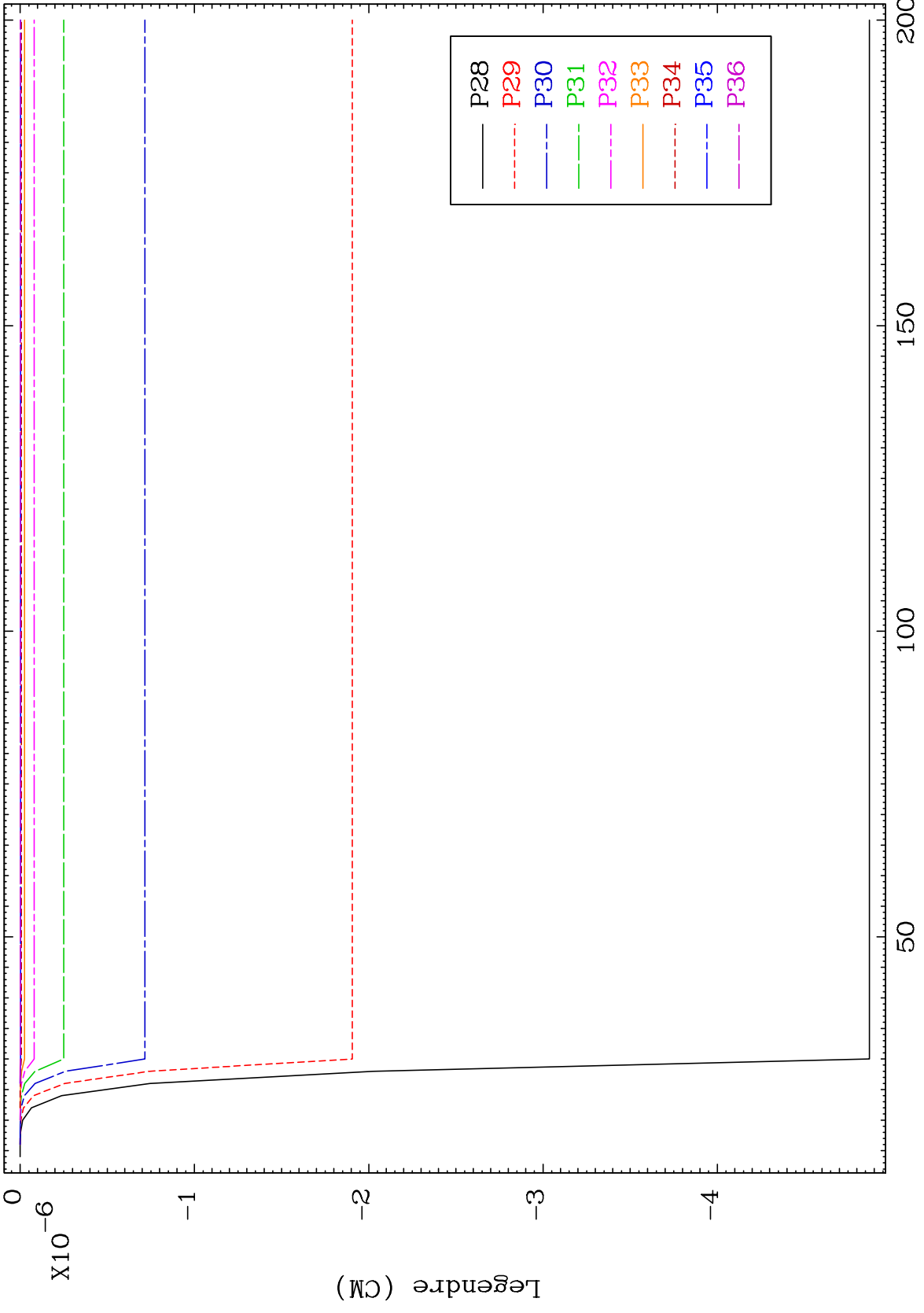


63

Incident Energy (MeV)

72-Hf-170

MAT 7213 MT= 62 (n,n') Level Legendre Coefficients 72-Hf-170

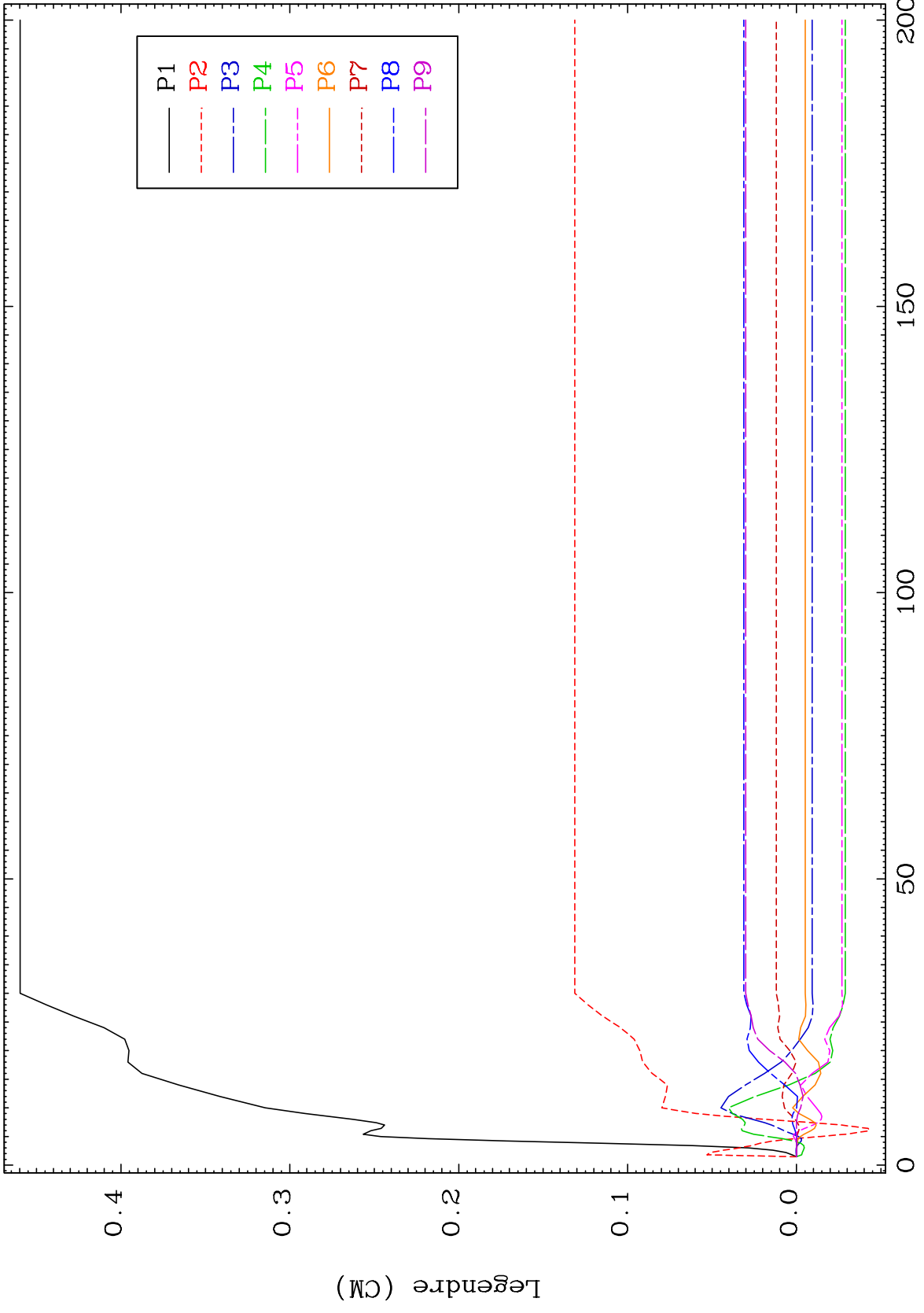


64 72-Hf-170

MAT 7213

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

72-Hf-170



65

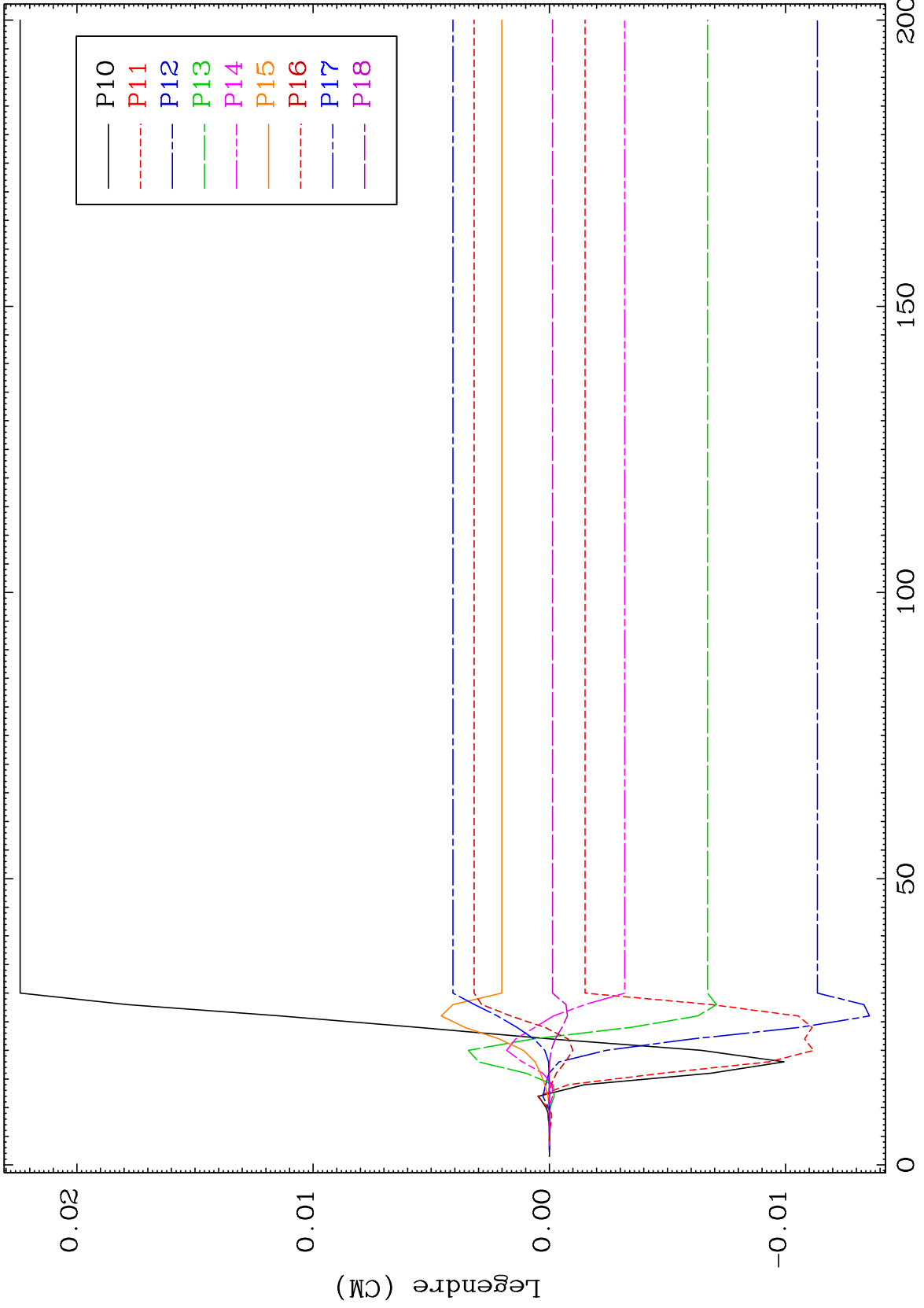
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



66

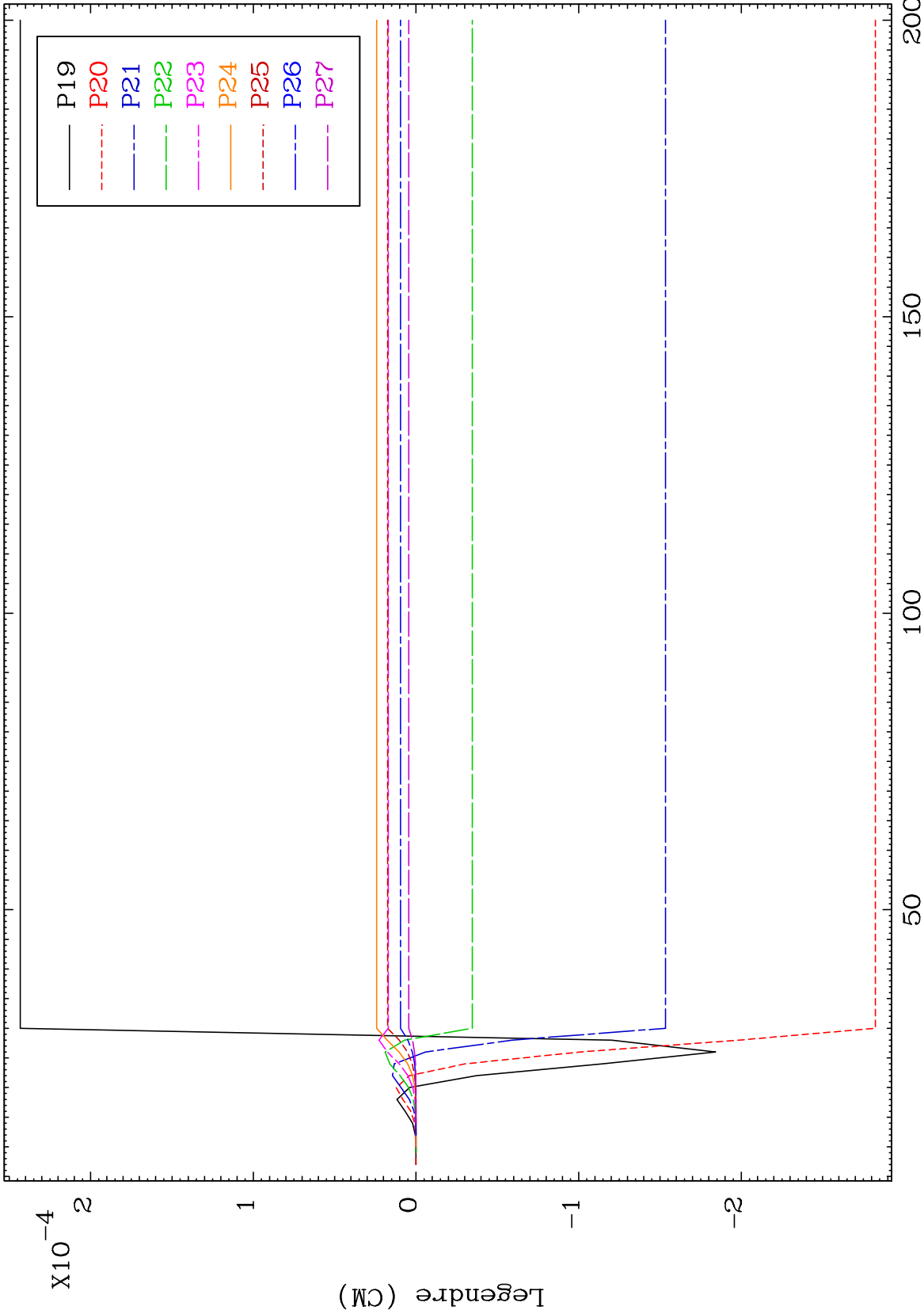
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



67

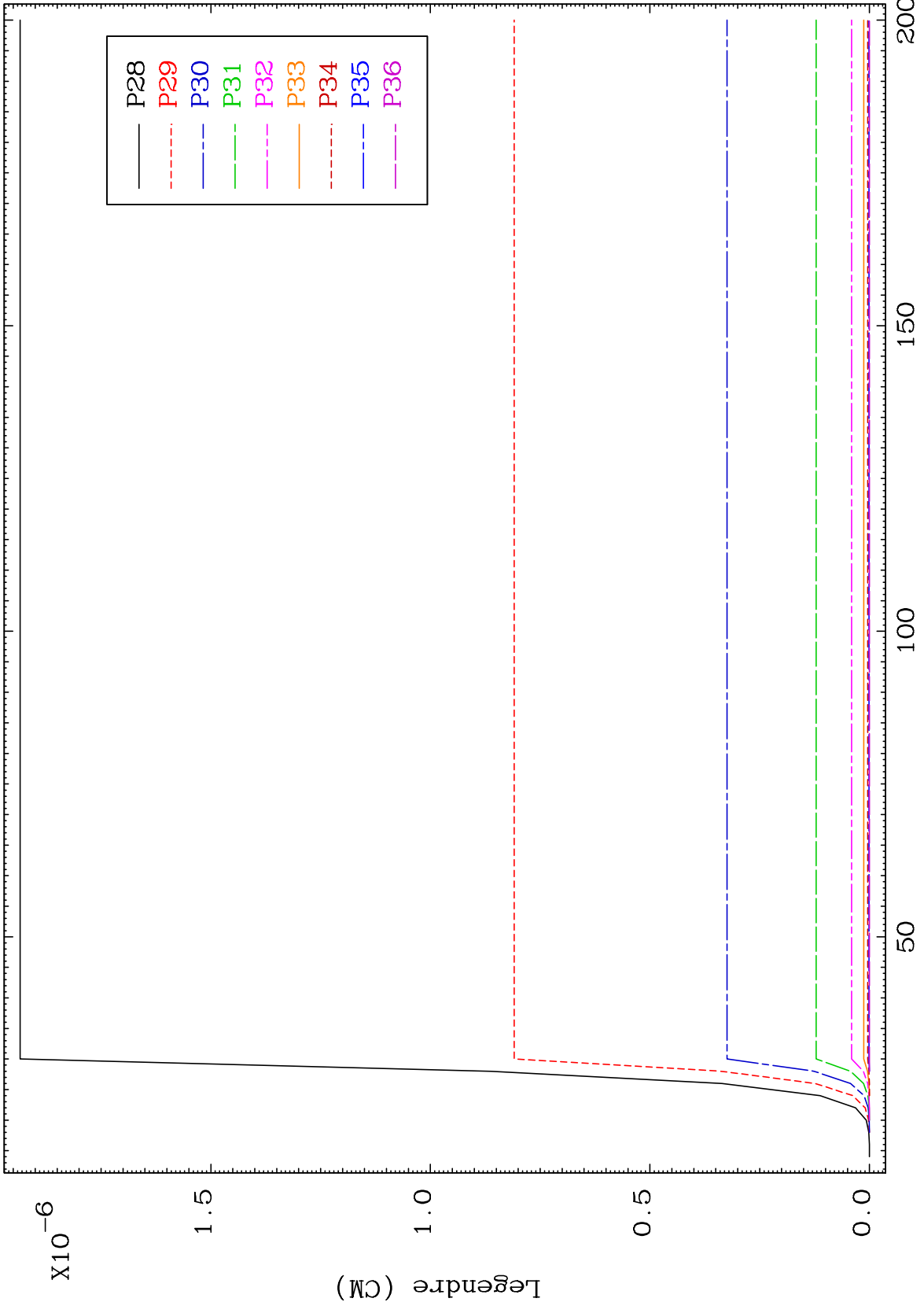
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



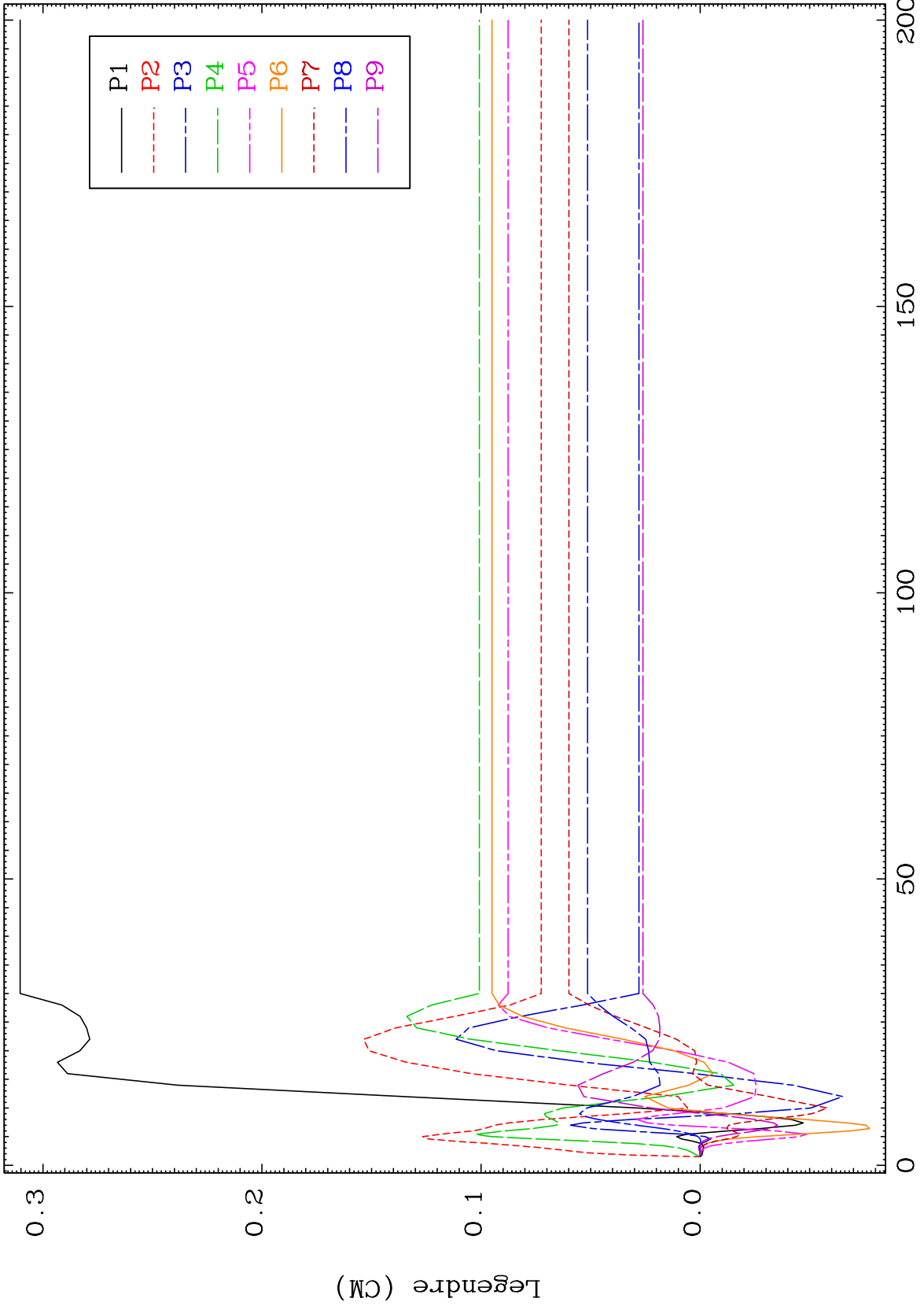
68

72-Hf-170

MAT 7213

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

72-Hf-170



69

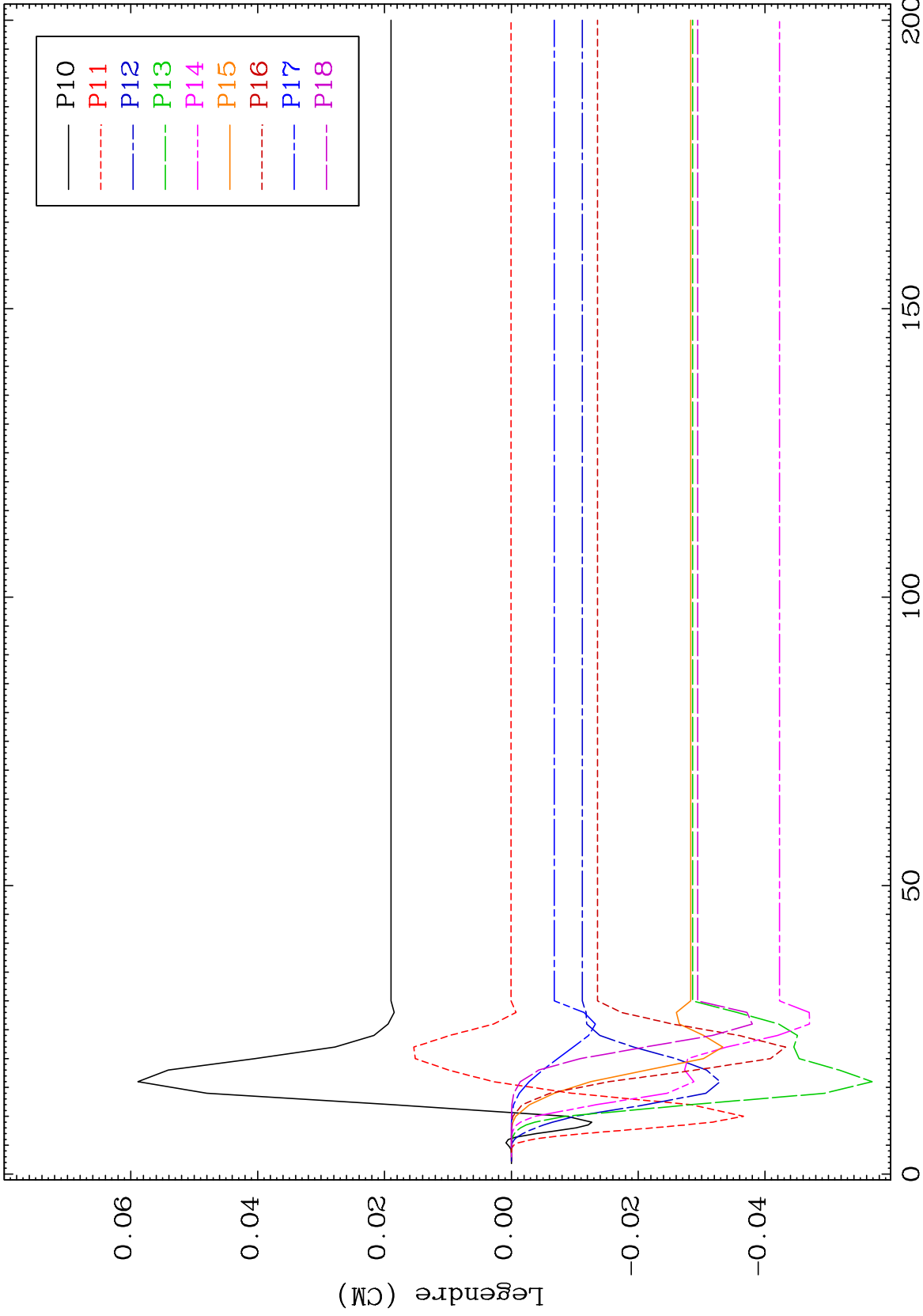
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



70

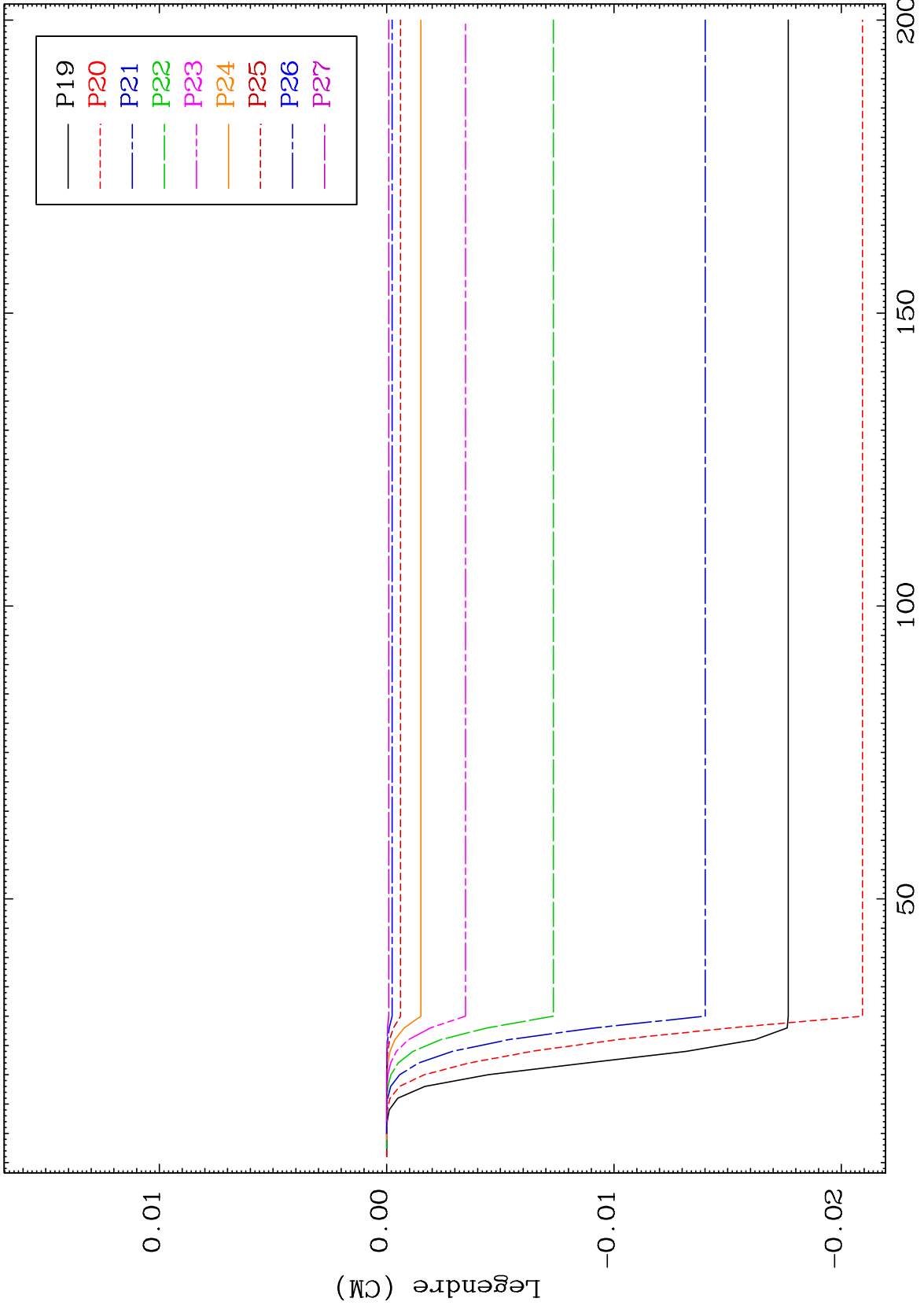
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



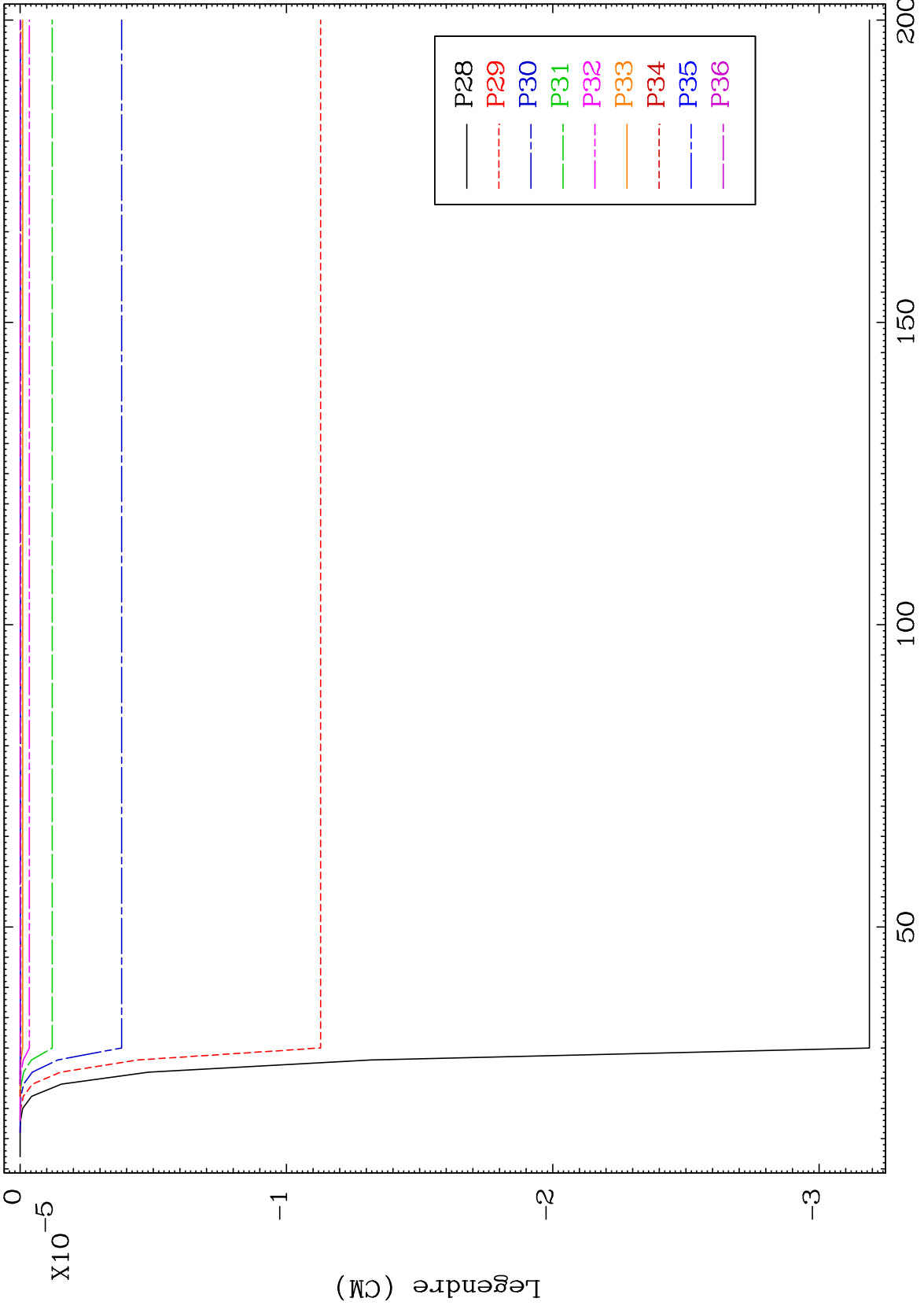
71

Incident Energy (MeV)

72-Hf-170

MAT 7213 MT= 64 (n,n') Level 72-Hf-170

Legendre Coefficients

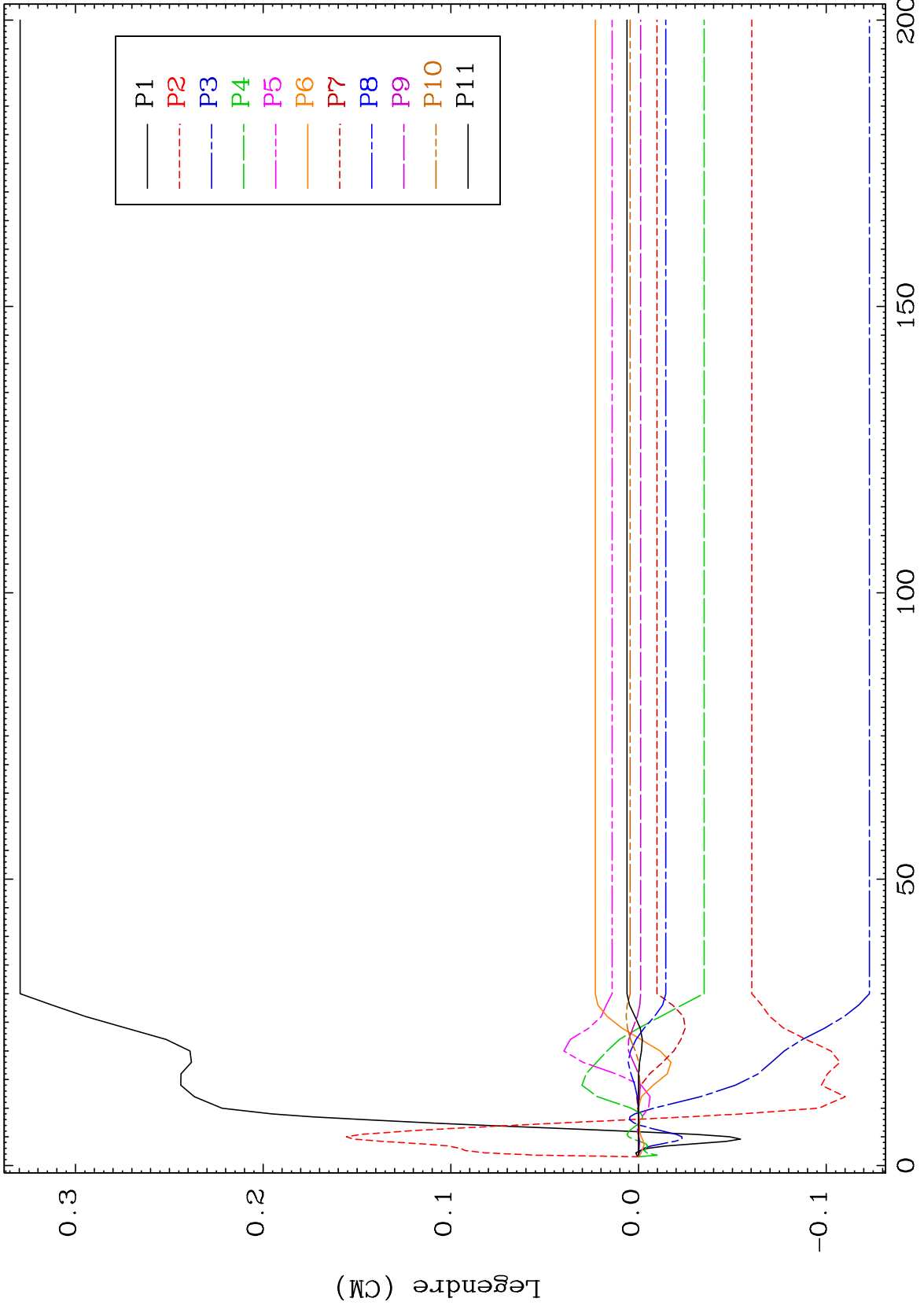


72-Hf-170

MAT 7213

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

72-Hf-170



73

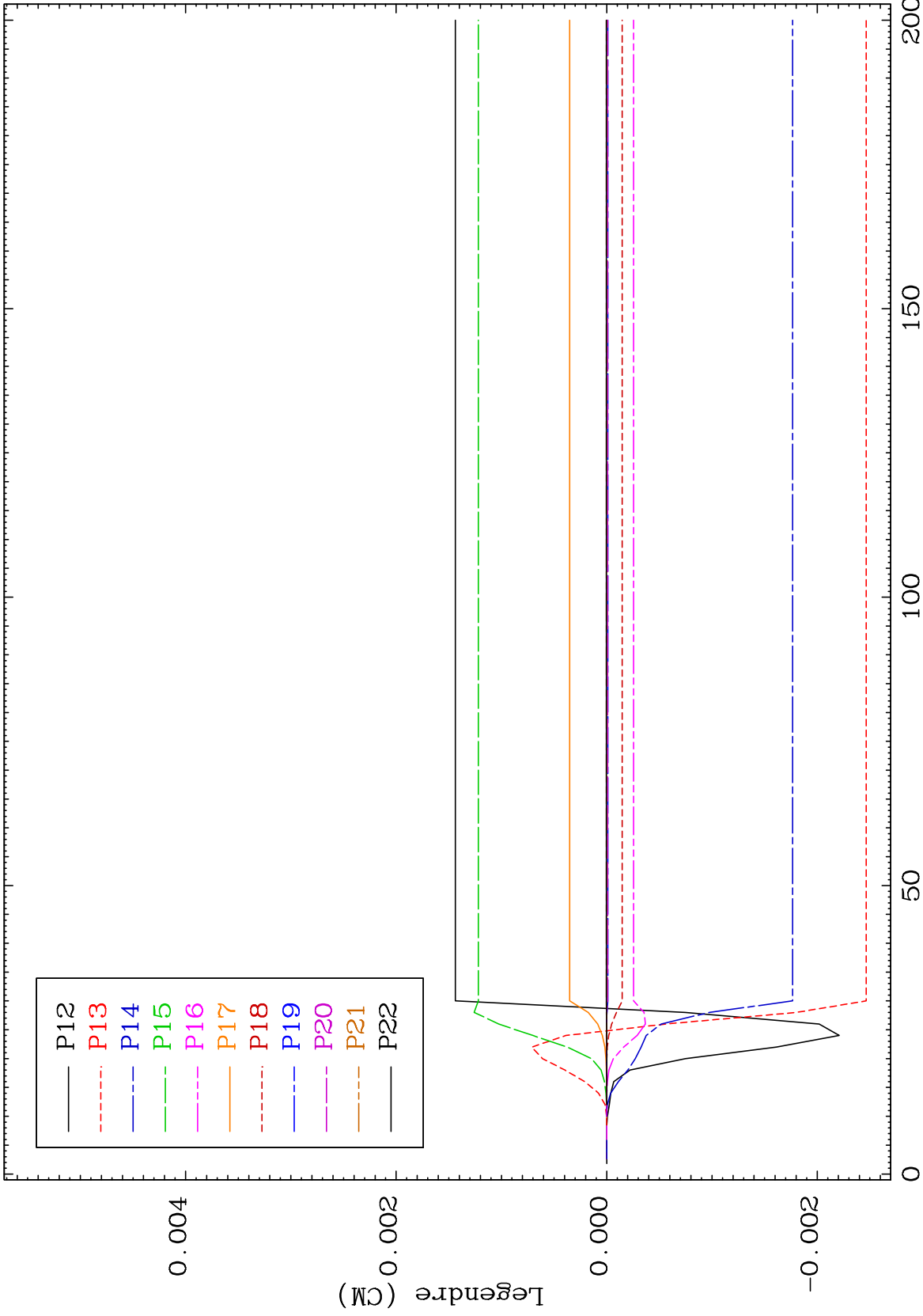
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



74

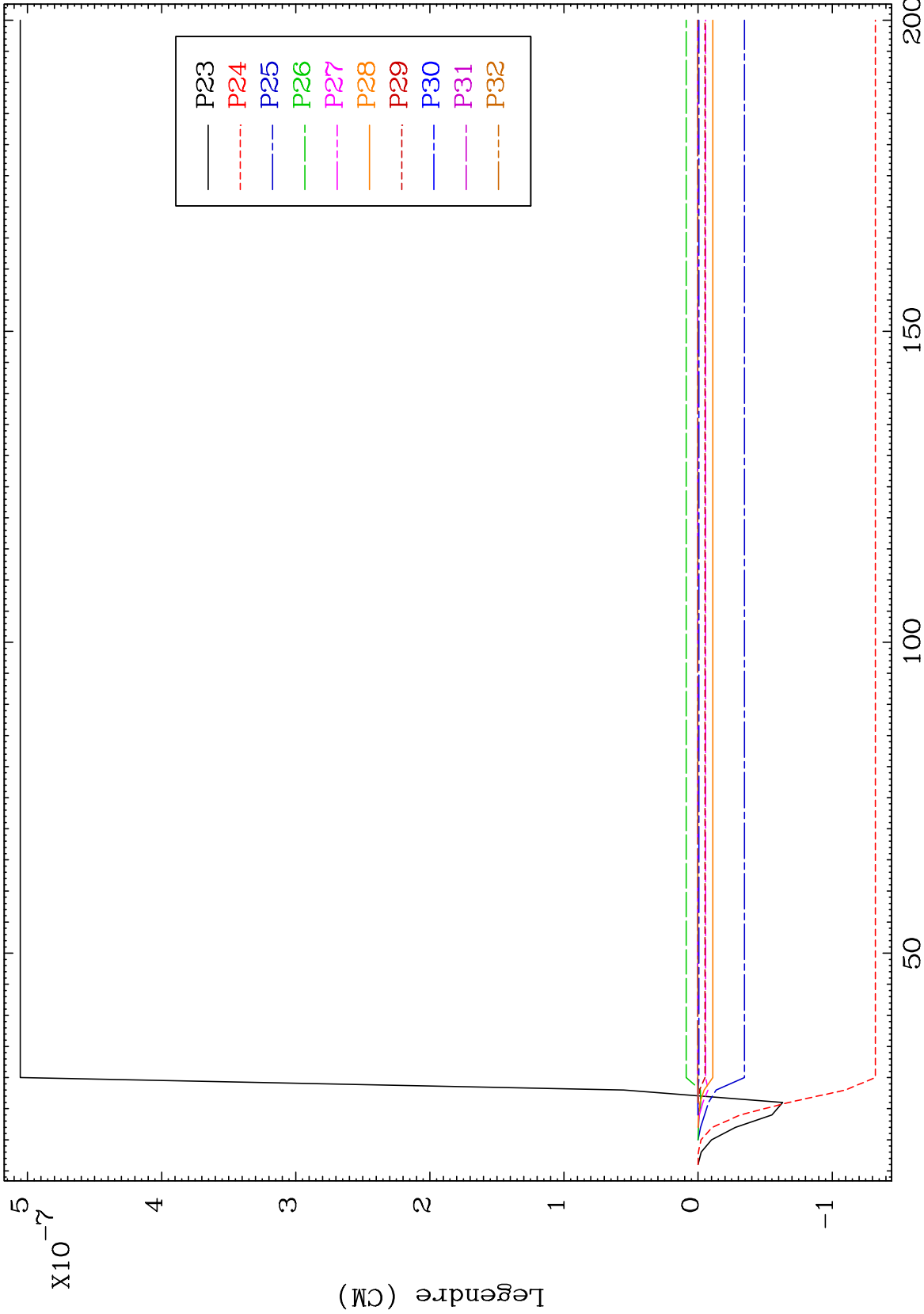
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



75

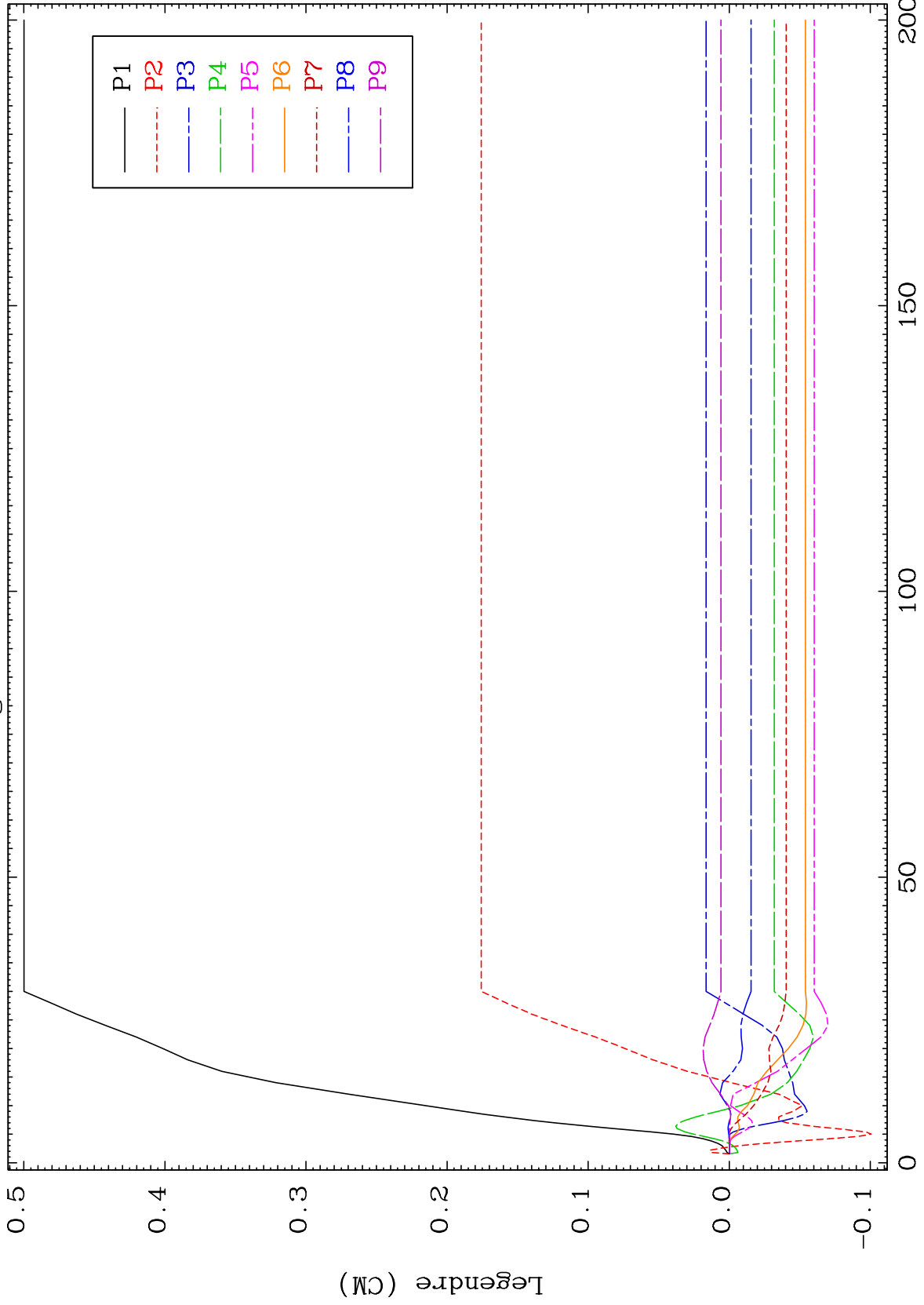
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



76

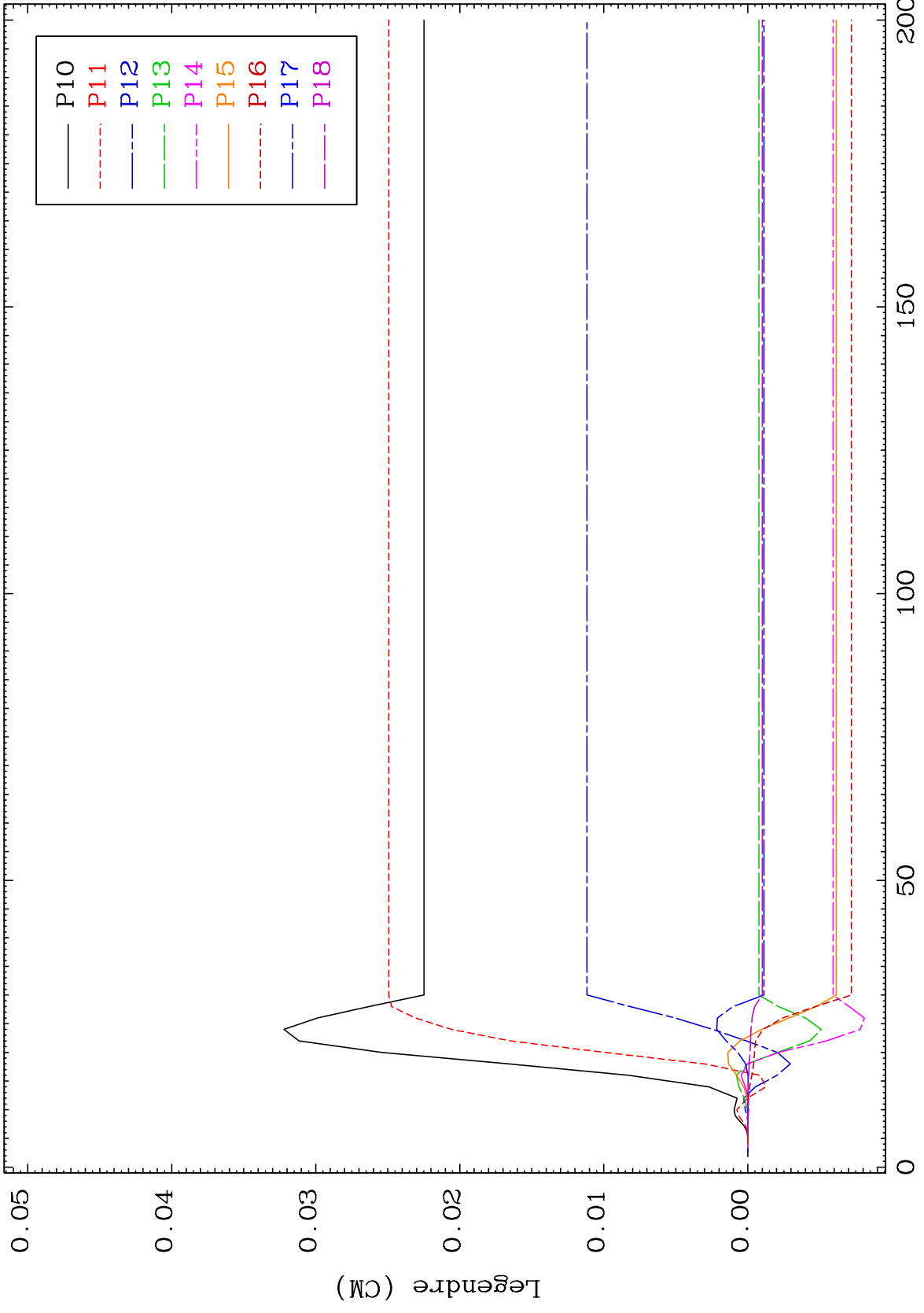
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



77

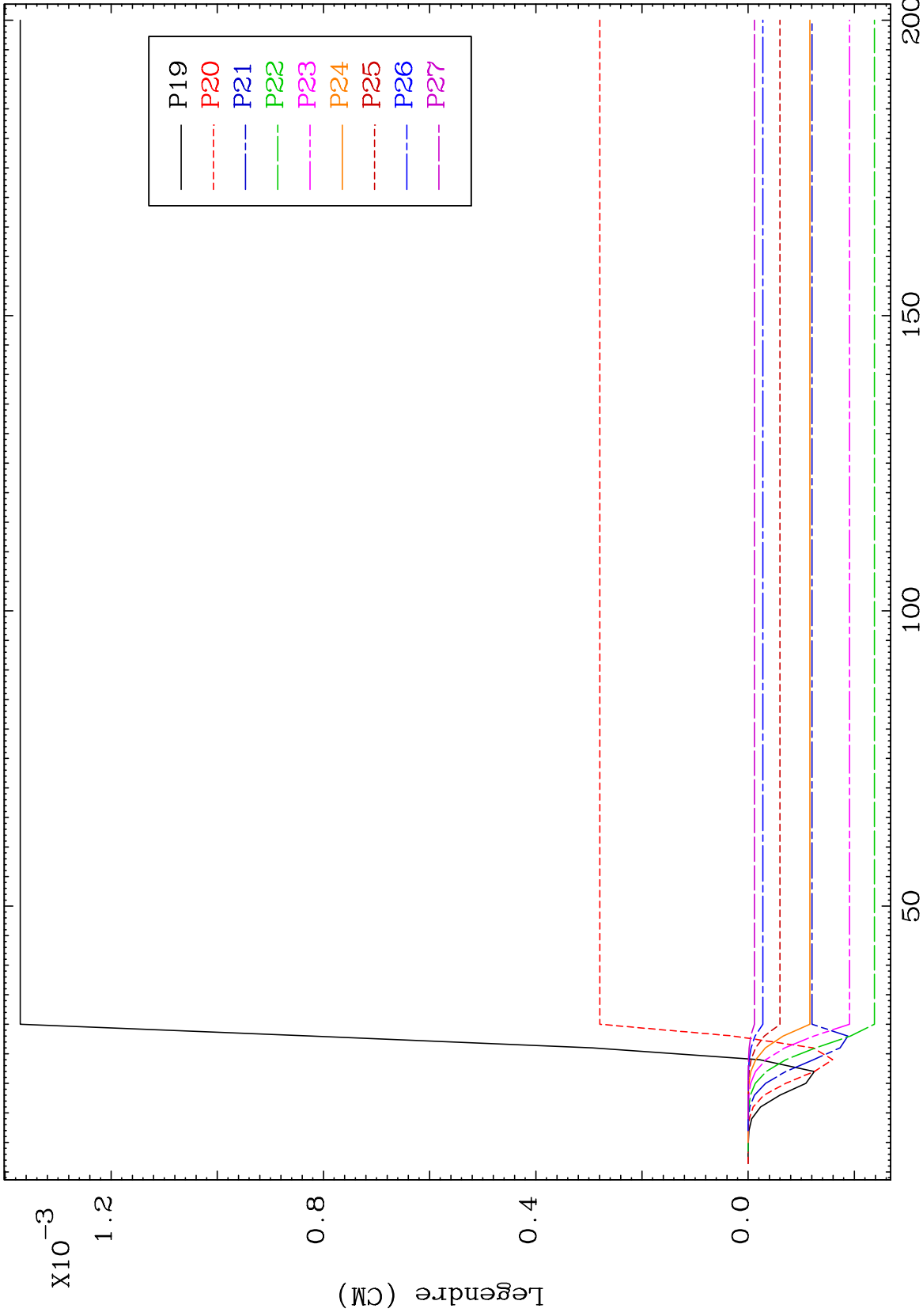
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170

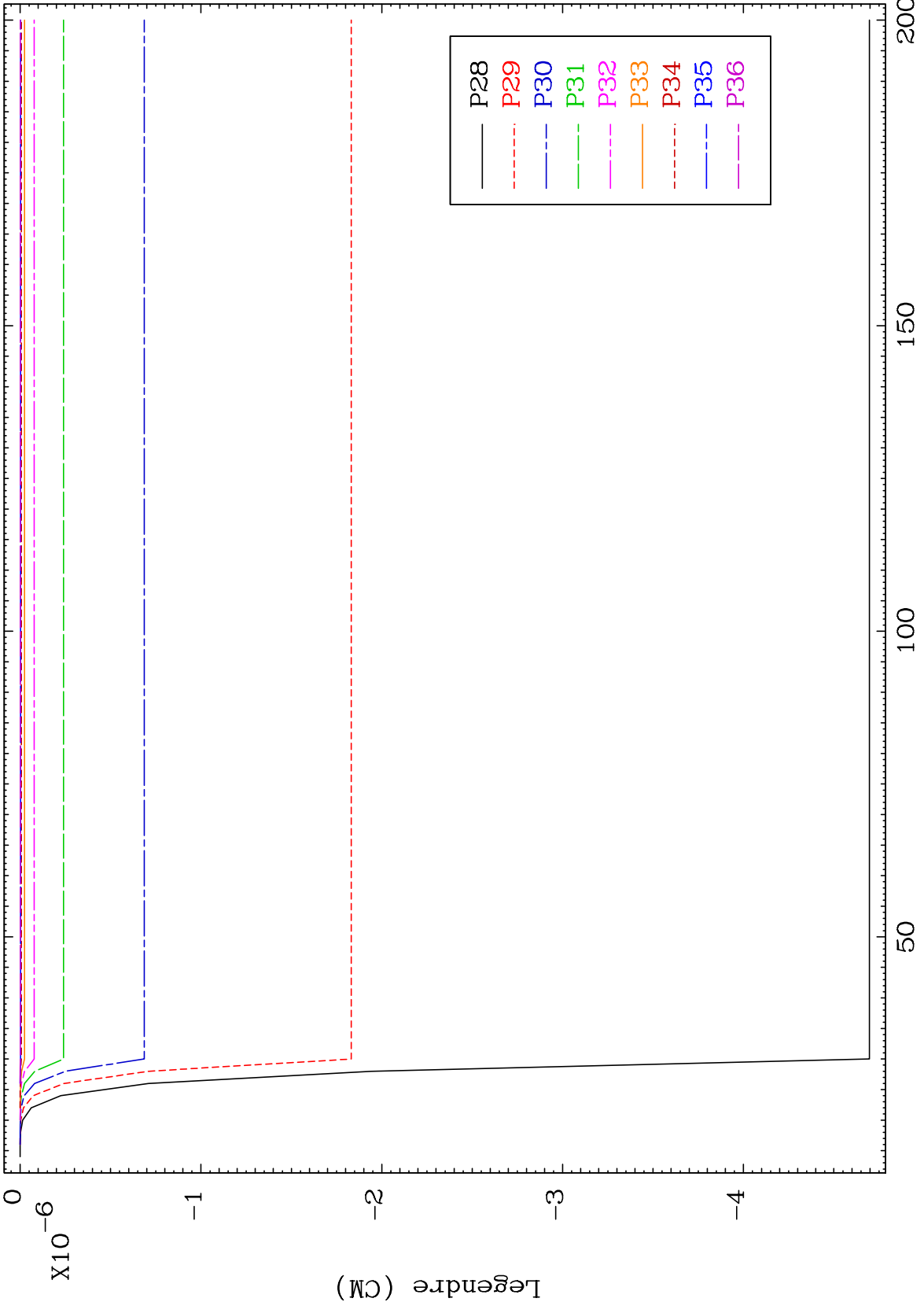


78

Incident Energy (MeV)

72-Hf-170

MAT 7213 MT= 66 (n,n') Level Legendre Coefficients 72-Hf-170



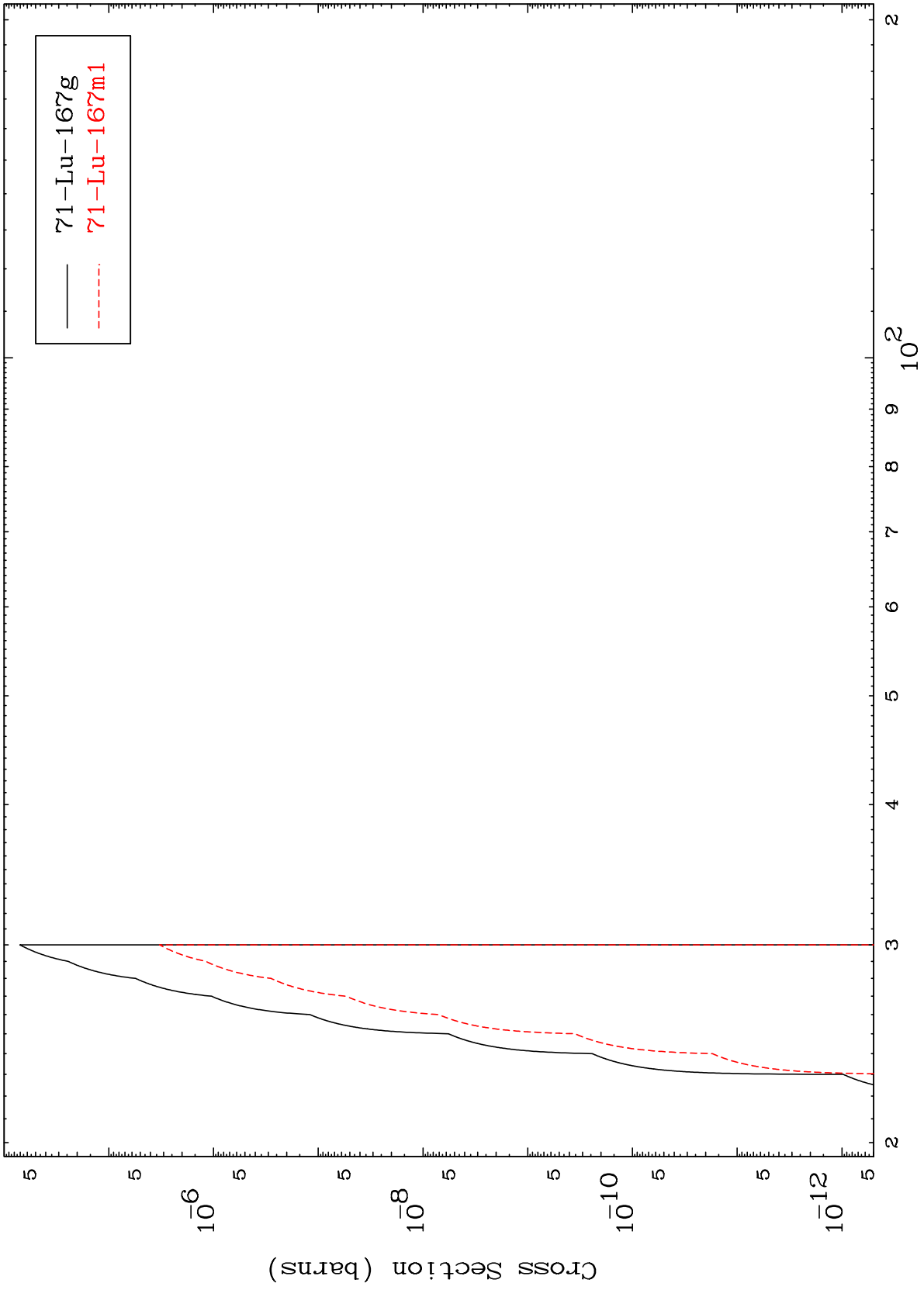
79 72-Hf-170

MAT 7213

(n,2n) d

72-Hf-170

Radionuclide Production Cross Section



80

Incident Energy (MeV)

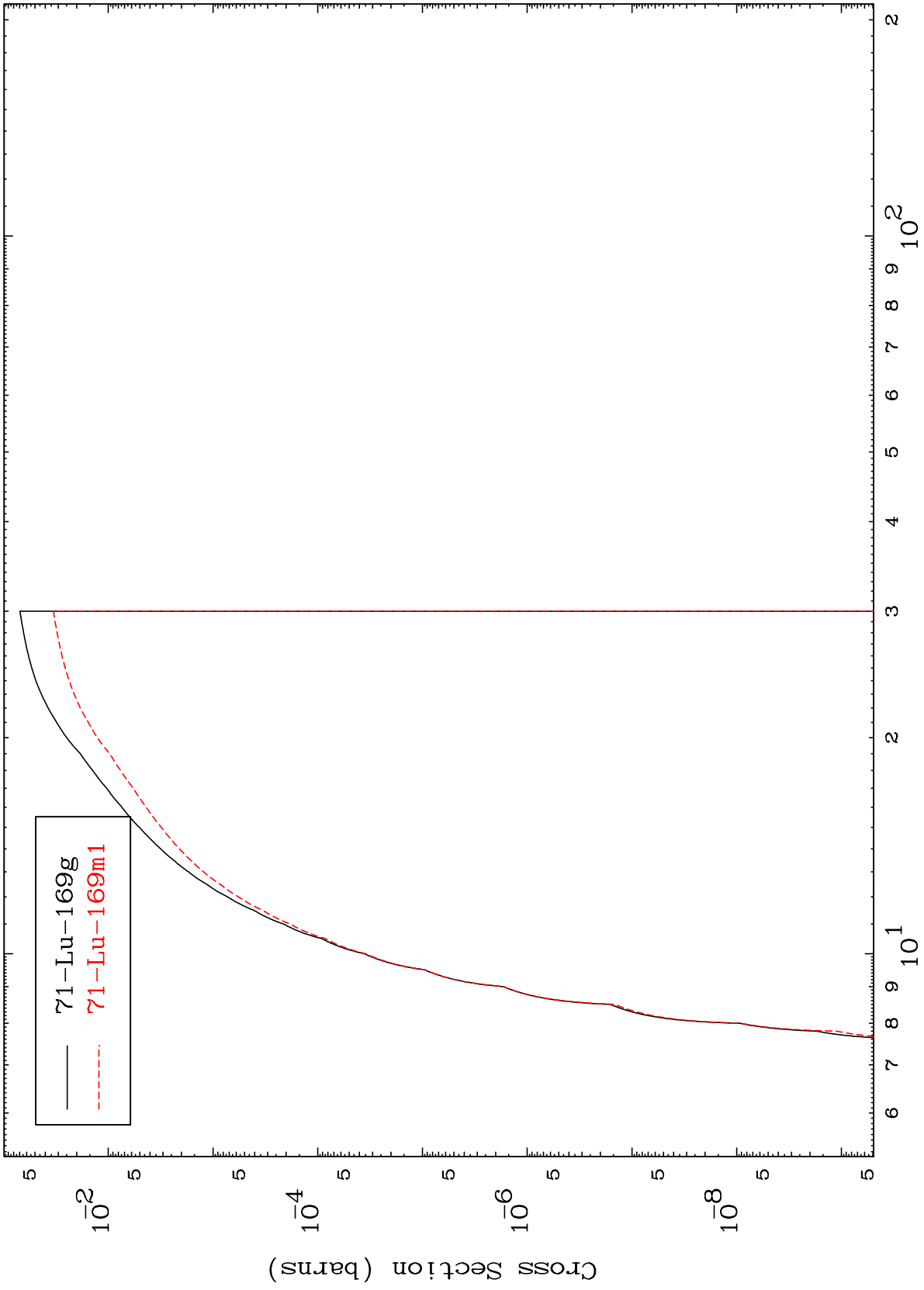
72-Hf-170

MAT 7213

(n,n') p

72-Hf-170

Radionuclide Production Cross Section



81

Incident Energy (MeV)

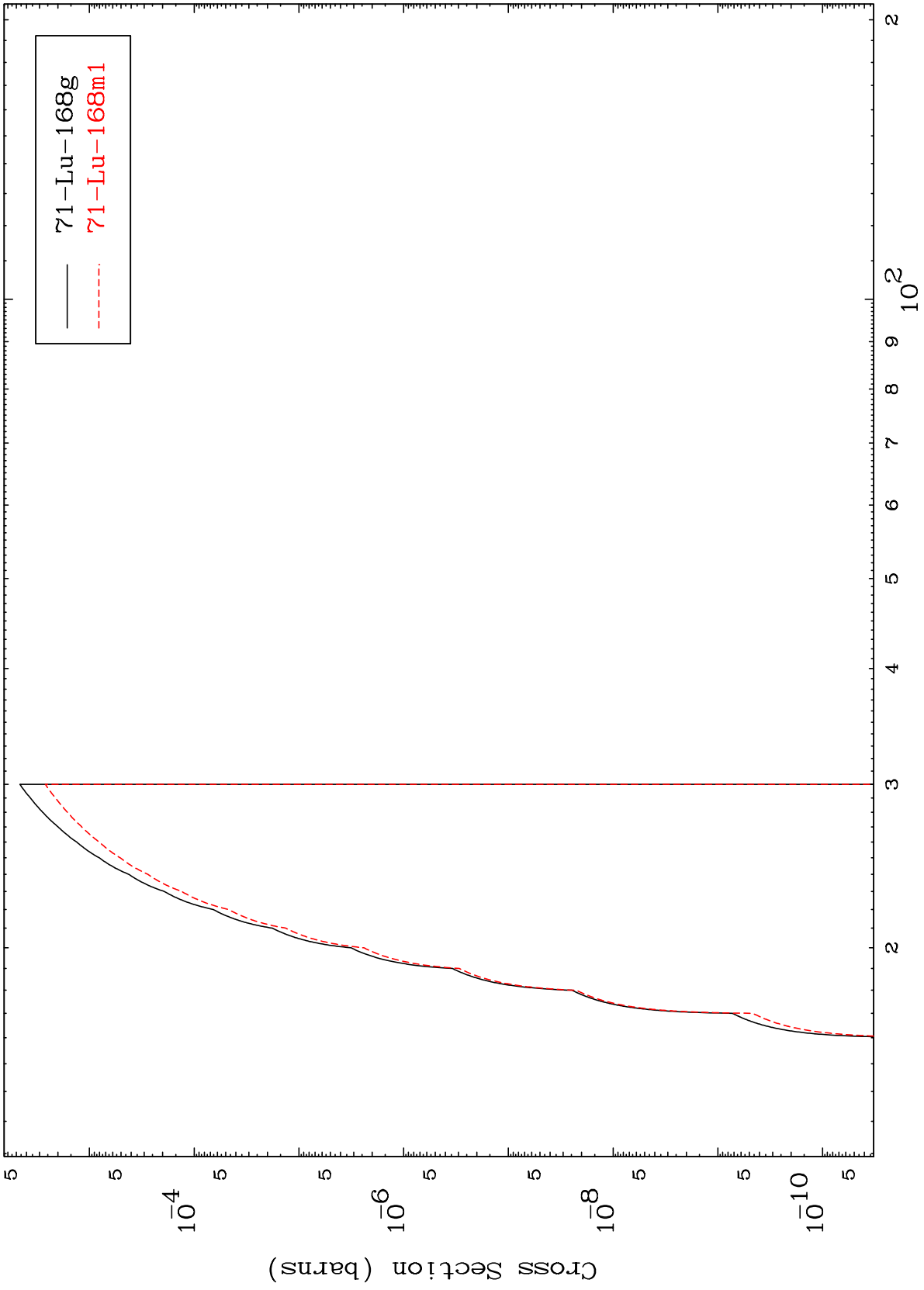
72-Hf-170

MAT 7213

(n,n') d

72-Hf-170

Radionuclide Production Cross Section



82

Incident Energy (MeV)

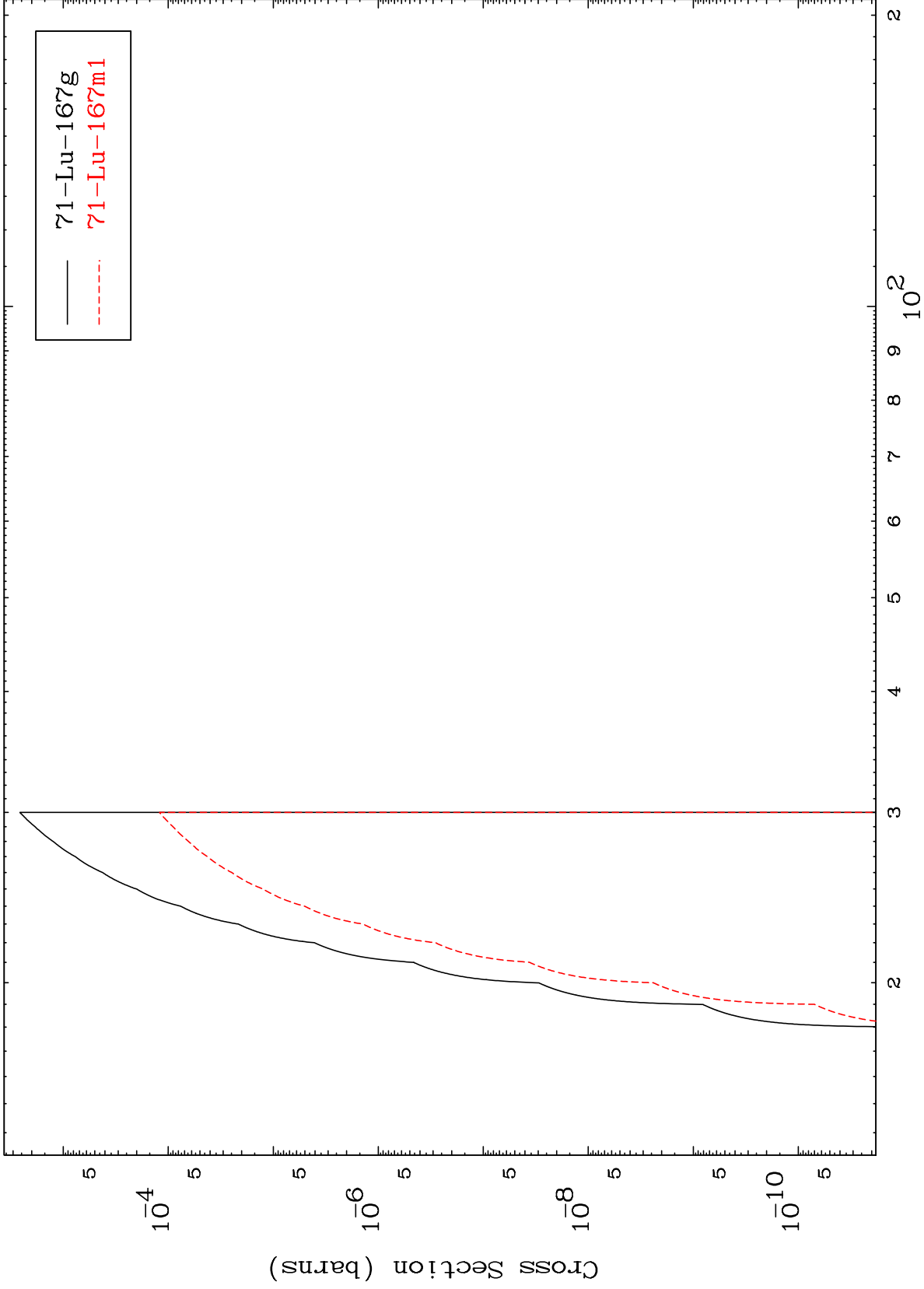
72-Hf-170

MAT 7213

(n,n') t

72-Hf-170

Radionuclide Production Cross Section



83

Incident Energy (MeV)

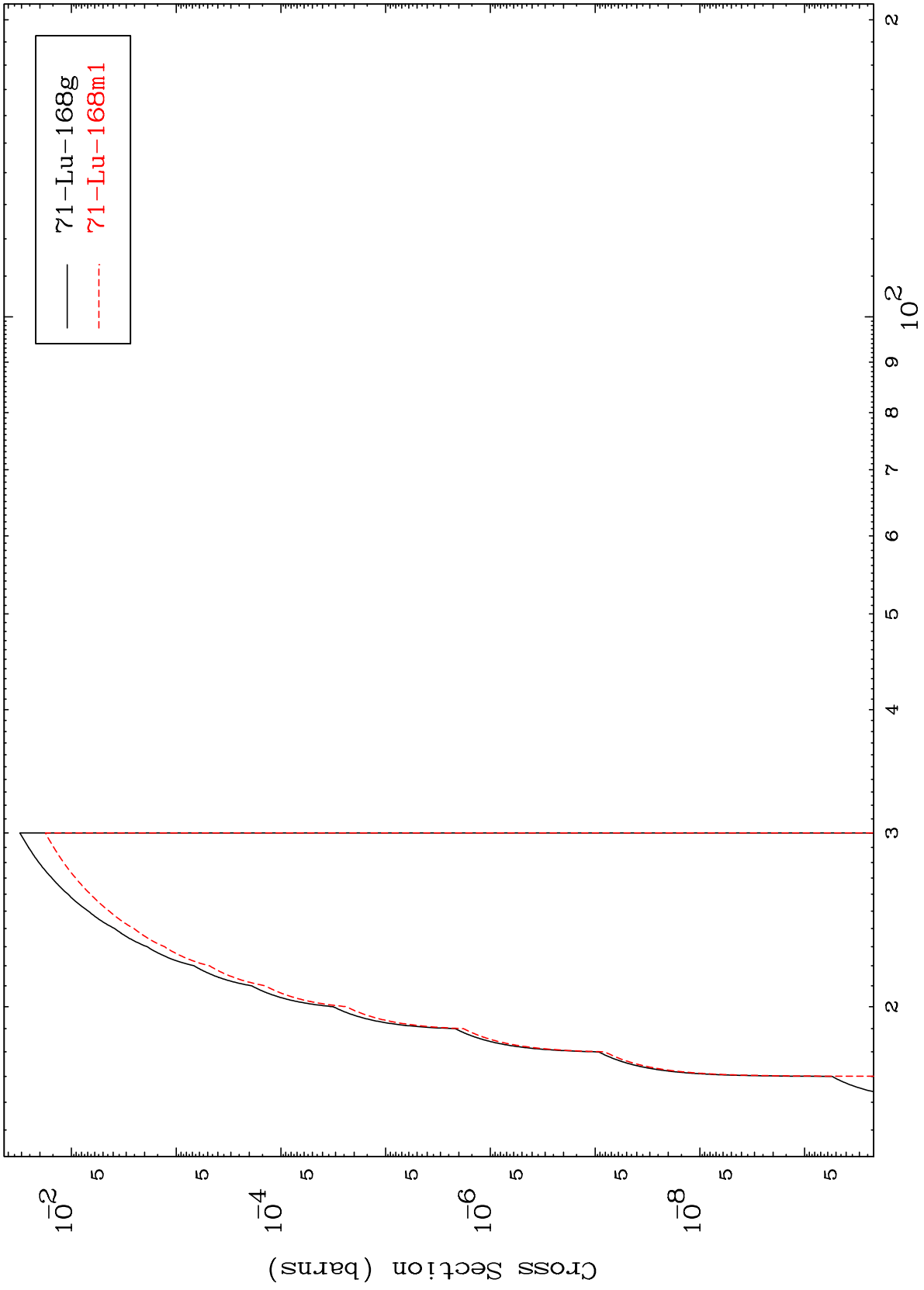
72-Hf-170

MAT 7213

(n,2n) p

72-Hf-170

Radionuclide Production Cross Section



84

Incident Energy (MeV)

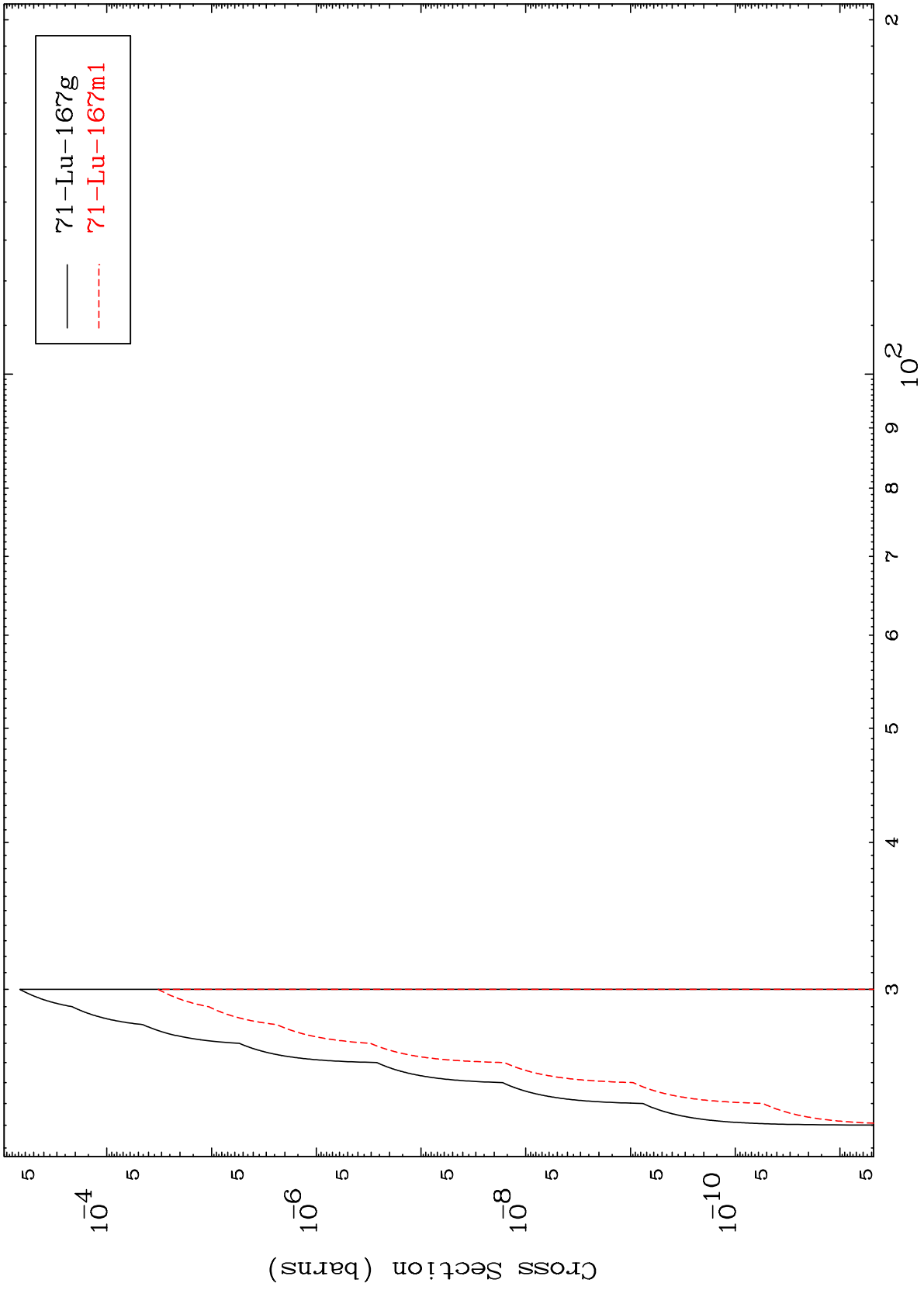
72-Hf-170

MAT 7213

(n,3n) p

72-Hf-170

Radionuclide Production Cross Section



85

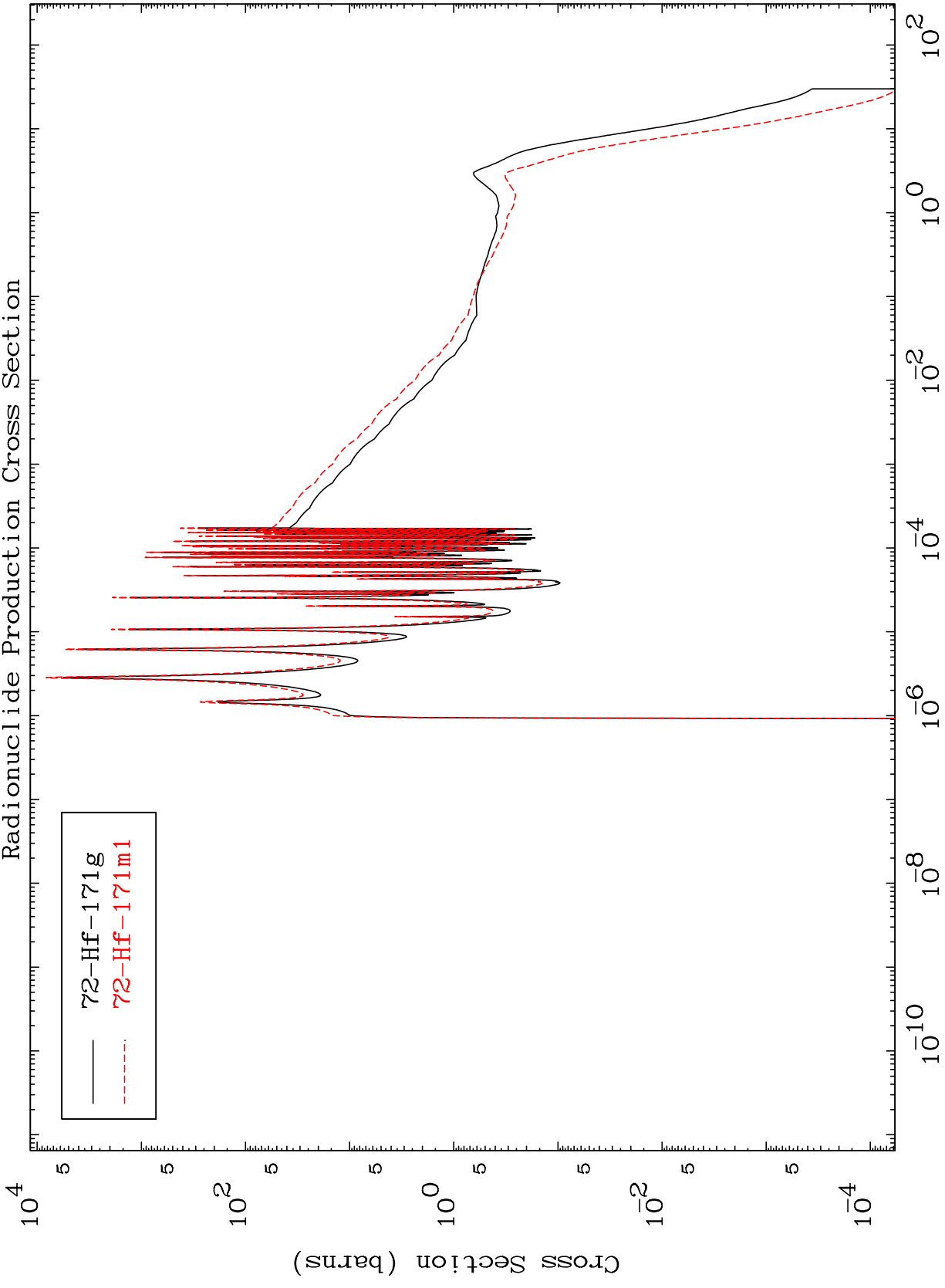
Incident Energy (MeV)

72-Hf-170

MAT 7213

72-Hf-170

Radionuclide Production Cross Section (n,γ)



86

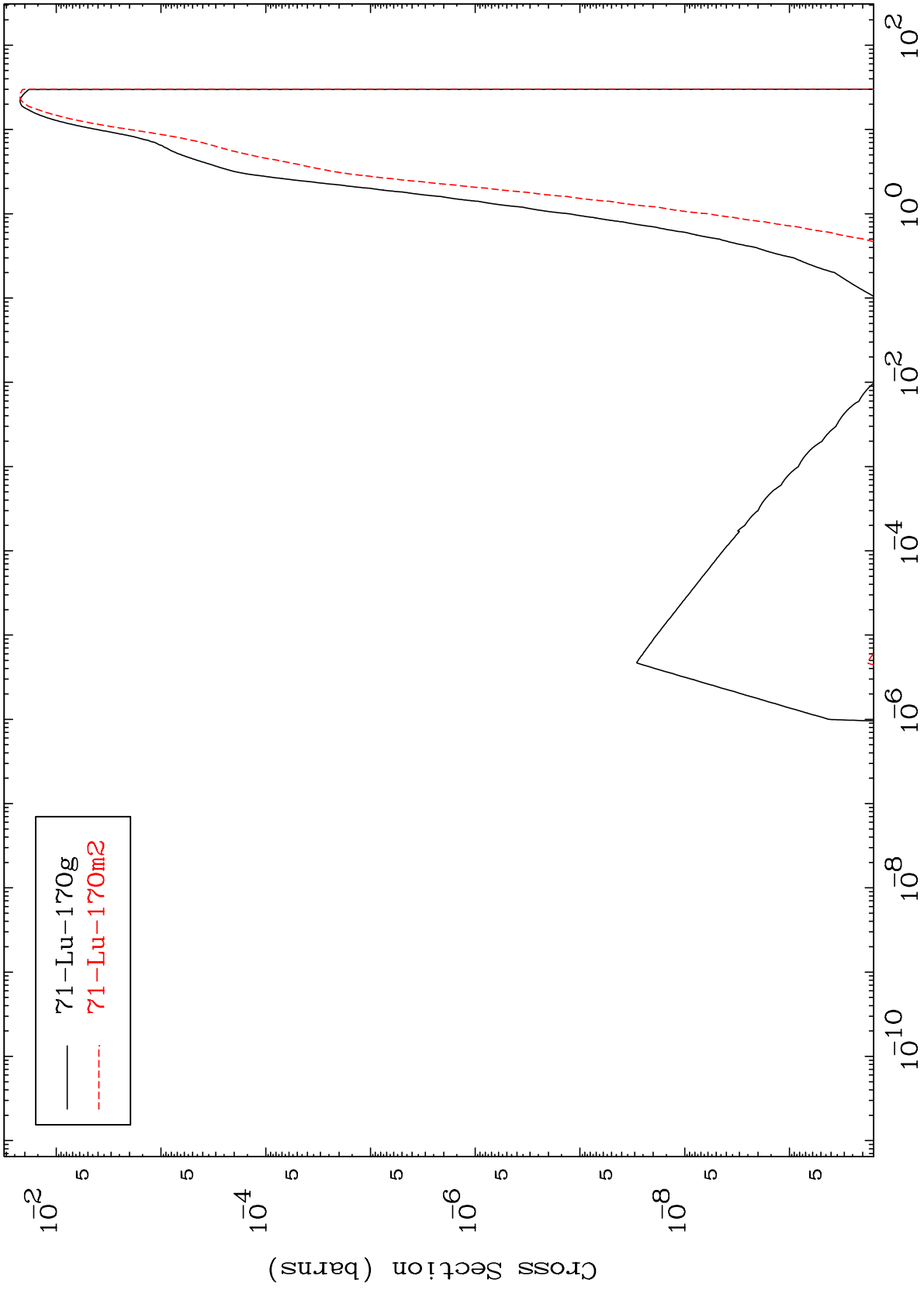
72-Hf-170

MAT 7213

(n,p)

72-Hf-170

Radionuclide Production Cross Section



87

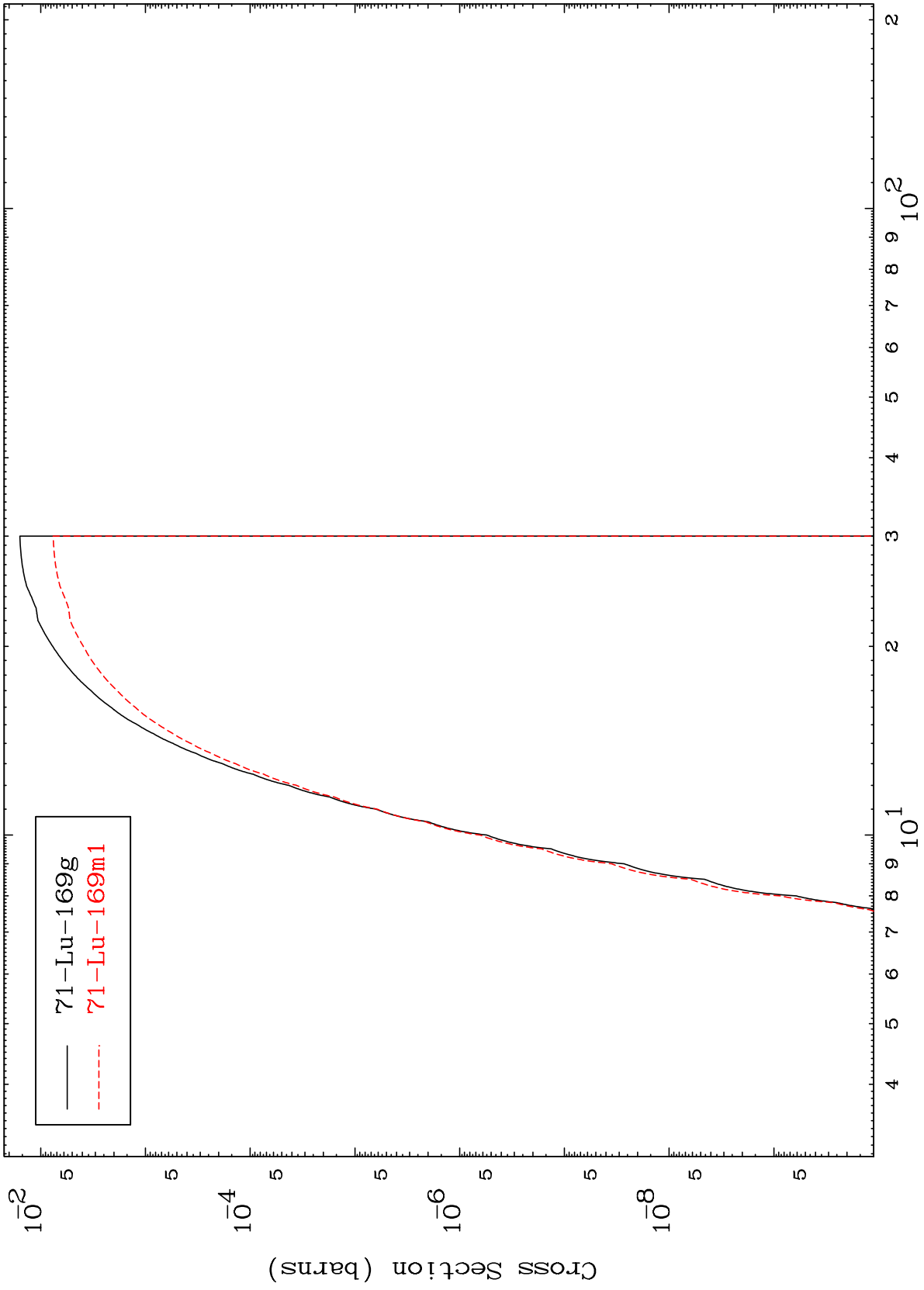
Incident Energy (MeV)

72-Hf-170

MAT 7213

Radionuclide Production Cross Section
(n,d)

72-Hf-170



88

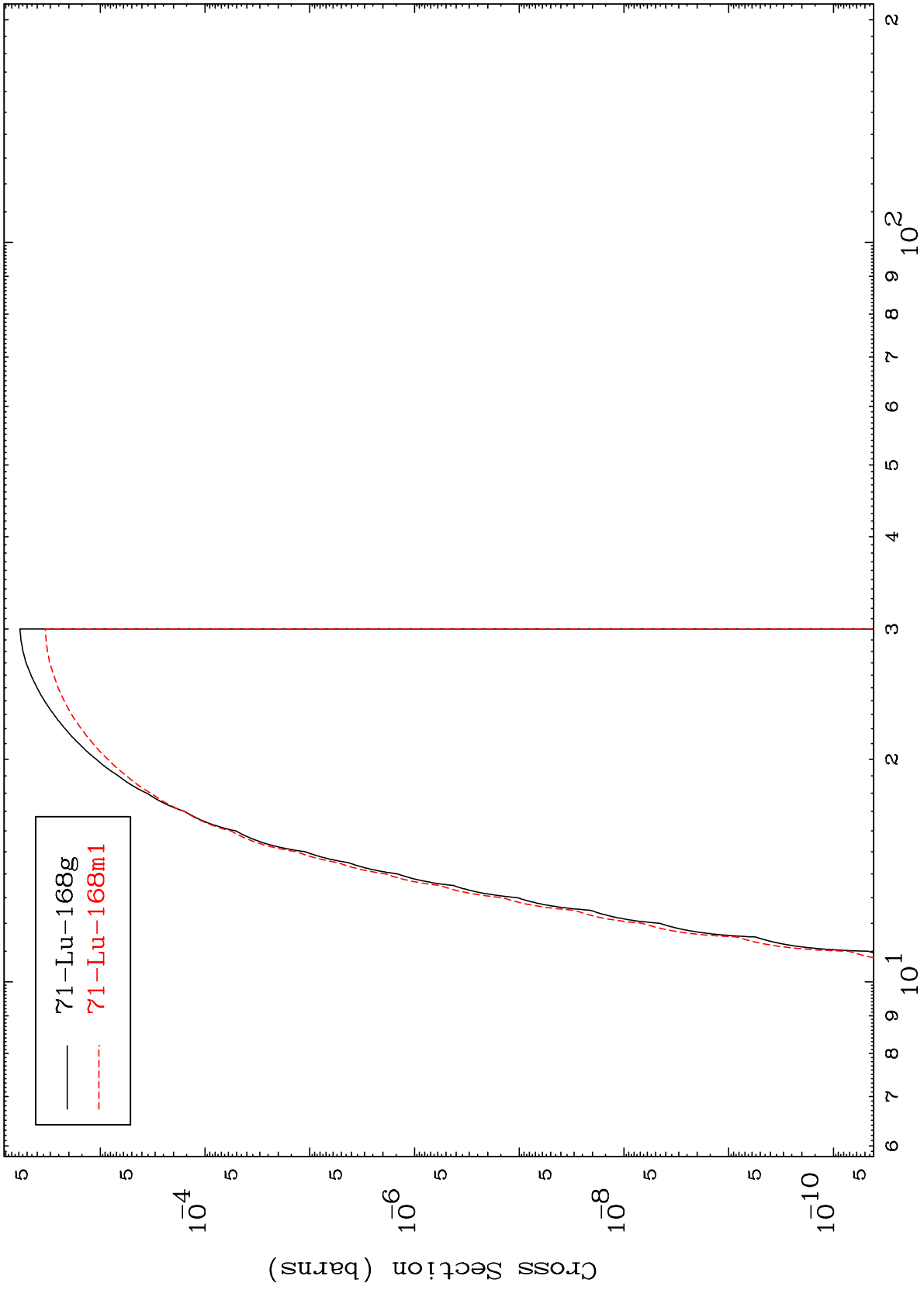
Incident Energy (MeV)

72-Hf-170

MAT 7213

72-Hf-170

(n, t)
Radionuclide Production Cross Section



89

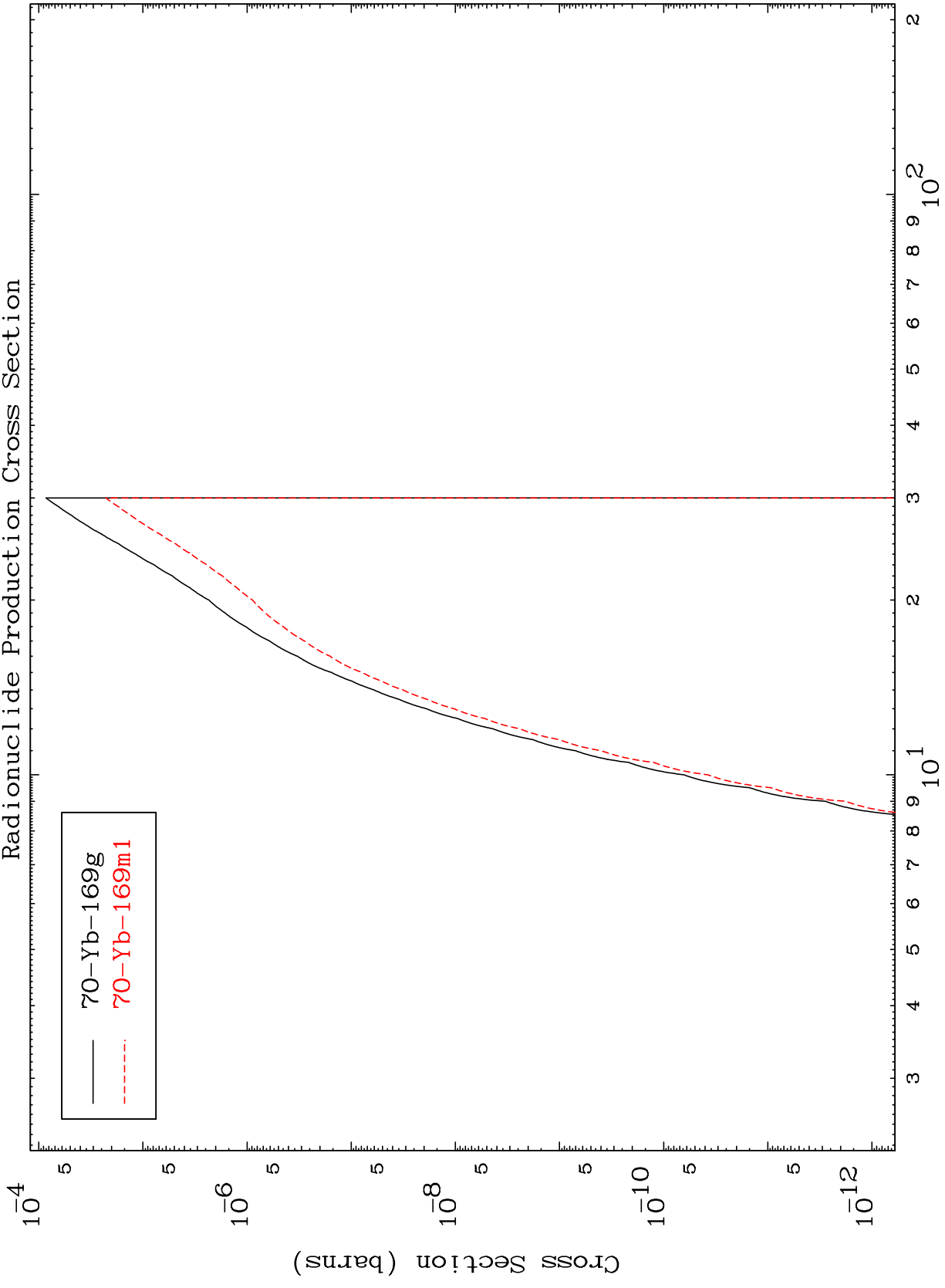
Incident Energy (MeV)

72-Hf-170

MAT 7213

72-Hf-170

Radionuclide Production Cross Section (n,2p)



70-Yb-169g
70-Yb-169m1

90

72-Hf-170