

Program EVALPLOT
(Version 2018-1)

by

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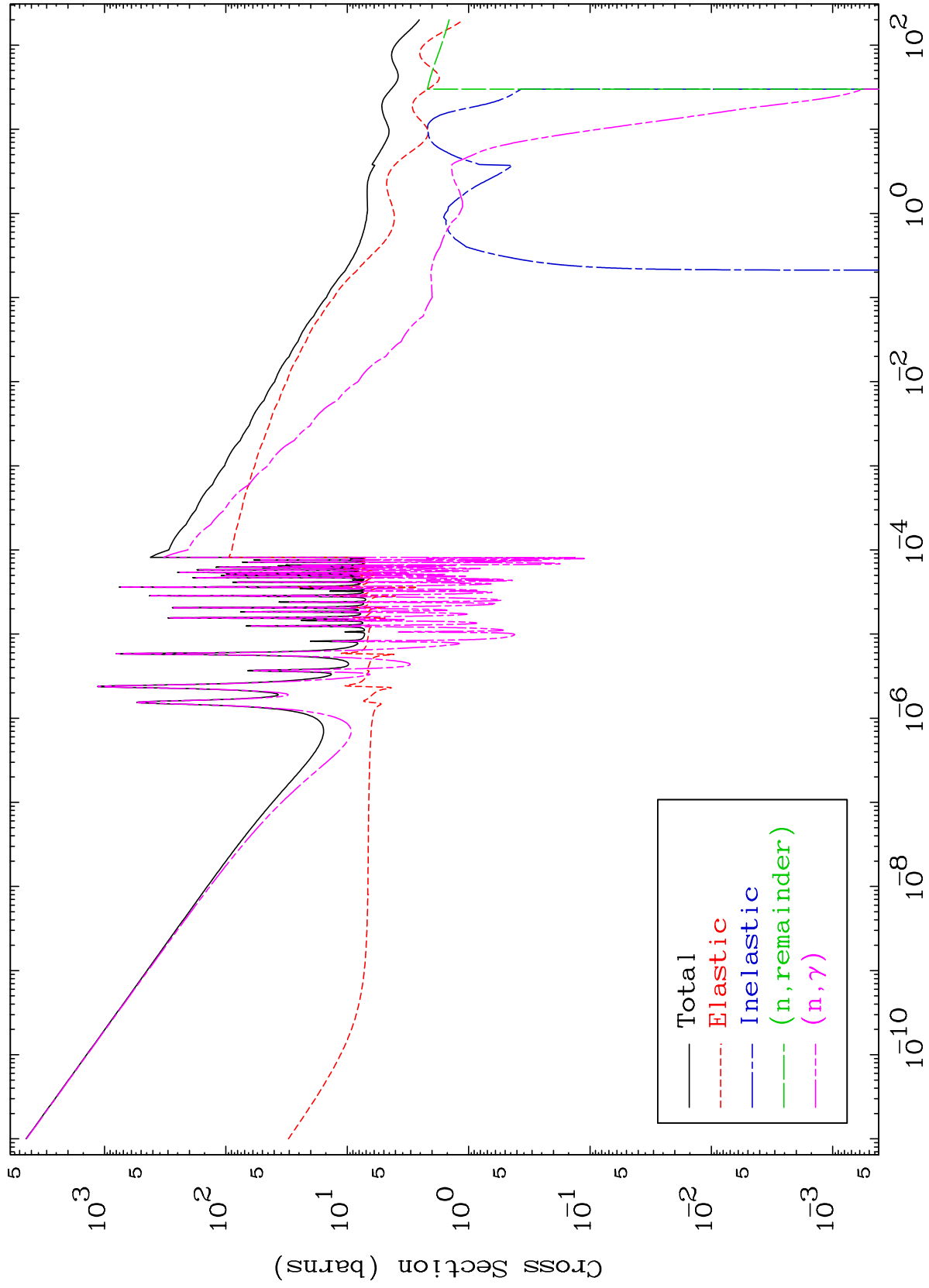
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7195

Major
293 Kelvin Cross Sections

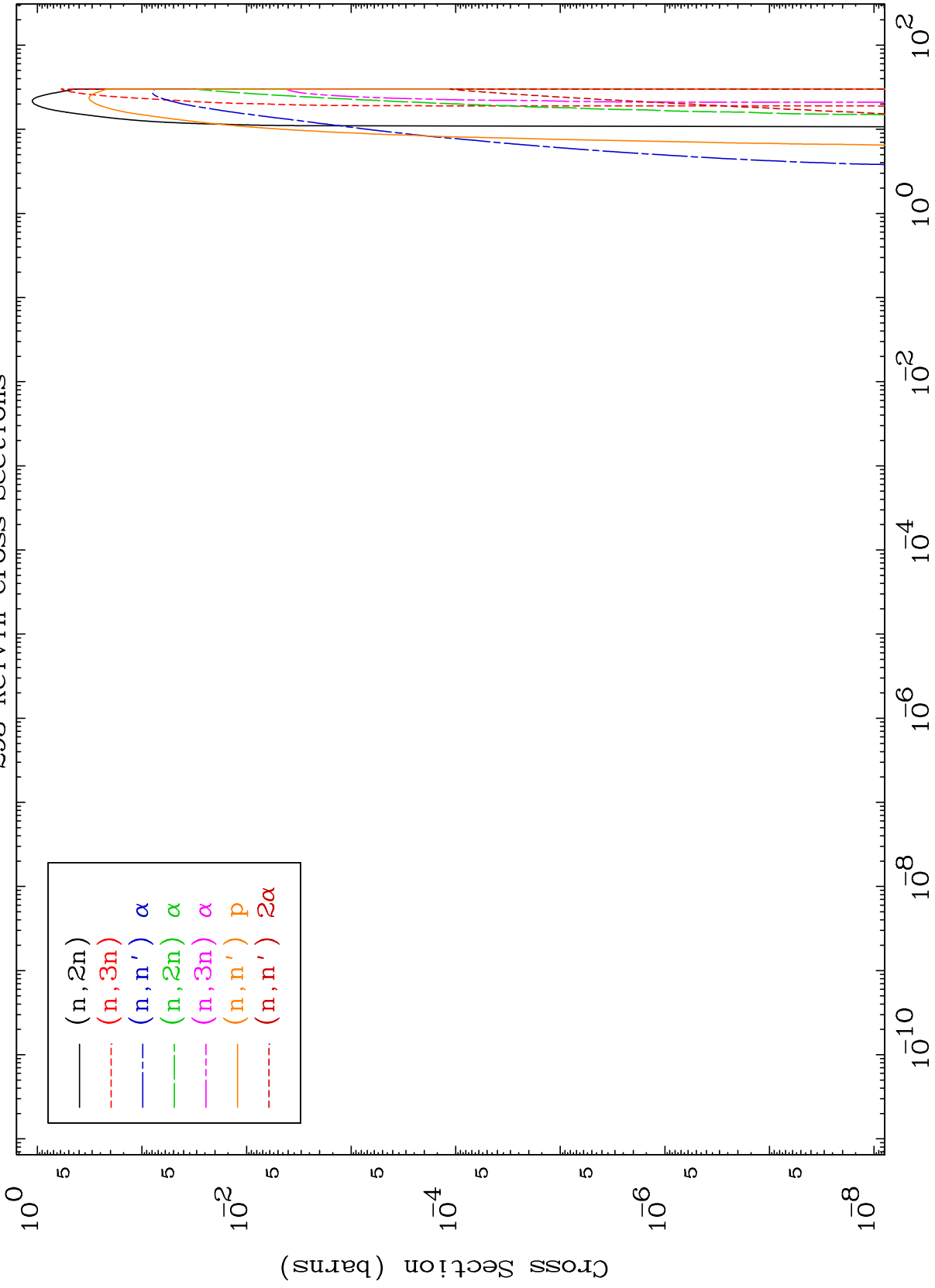
72-Hf-164



MAT 7195

Neutron Production
293 Kelvin Cross Sections

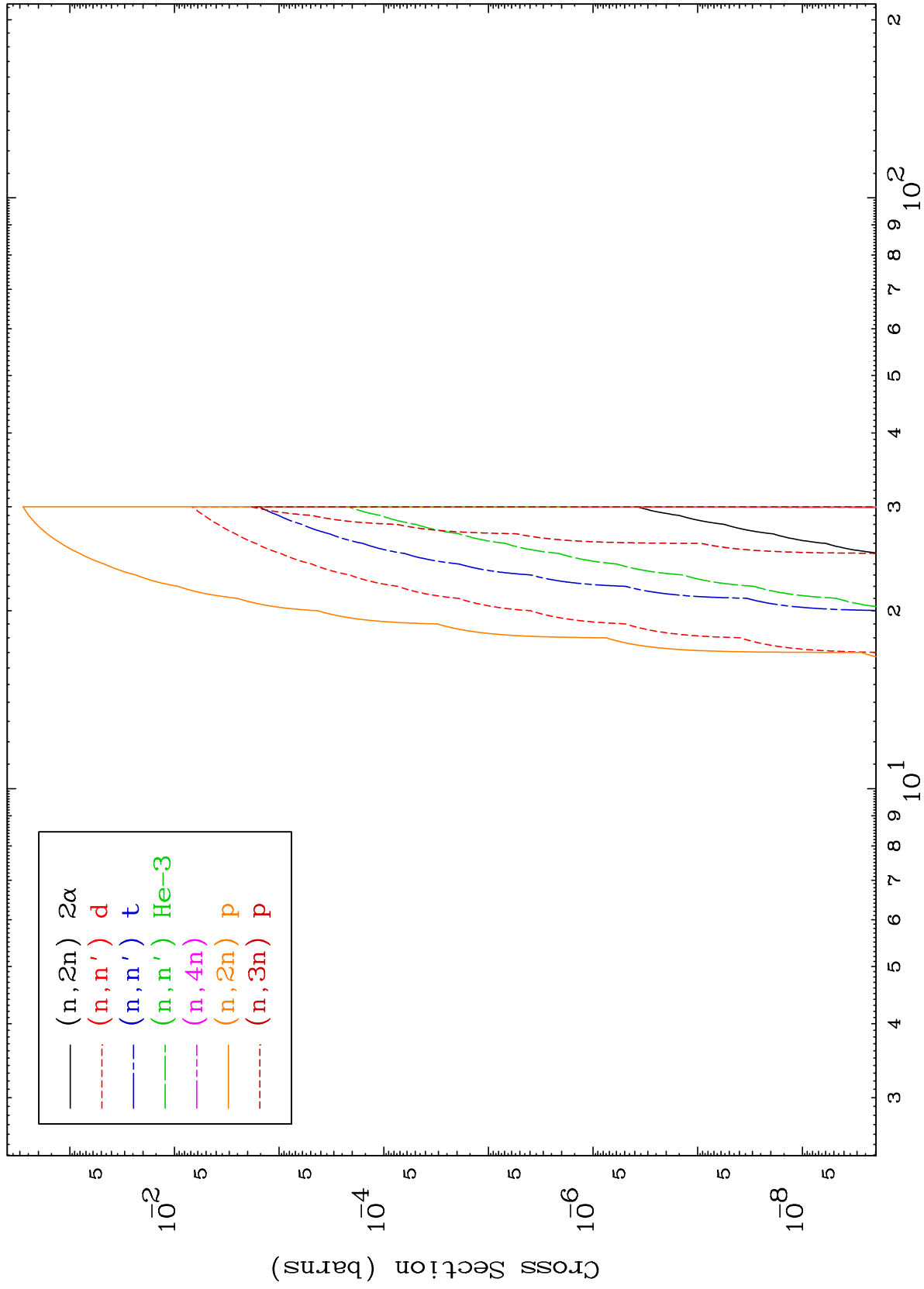
72-Hf-164



2

Incident Energy (MeV)

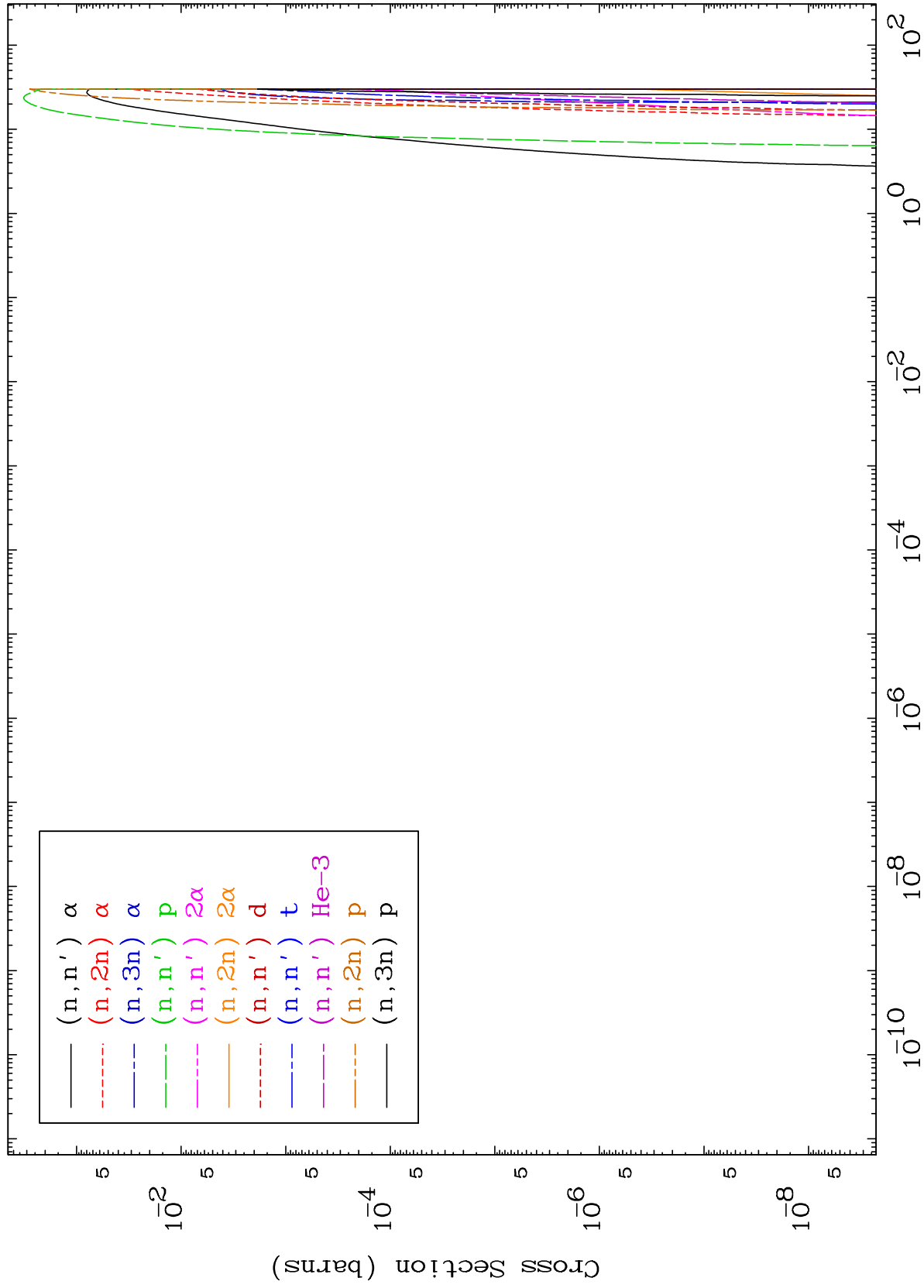
72-Hf-164



MAT 7195

Charged Particle
293 Kelvin Cross Sections

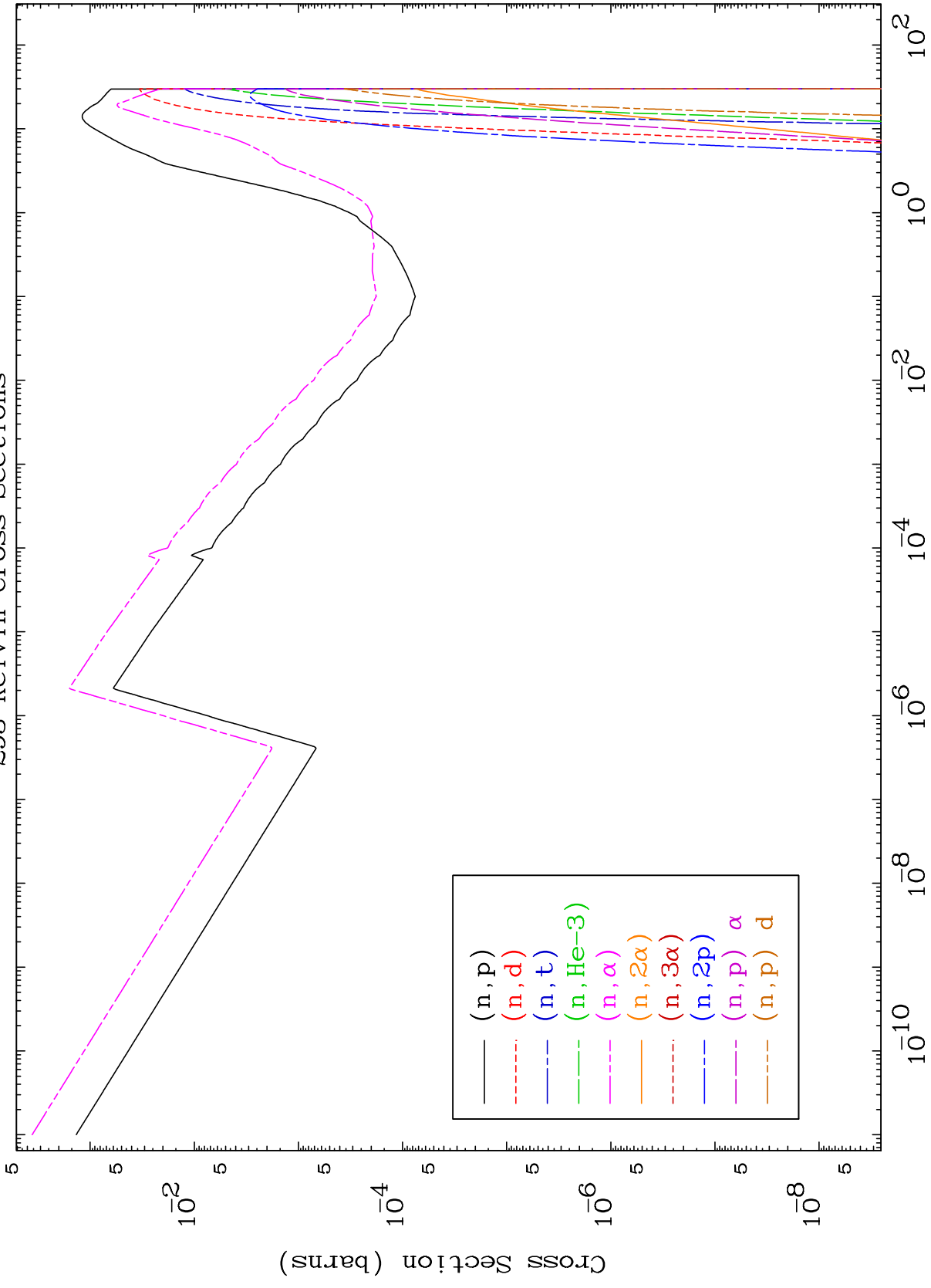
72-Hf-164



MAT 7195

293 Kelvin Cross Sections

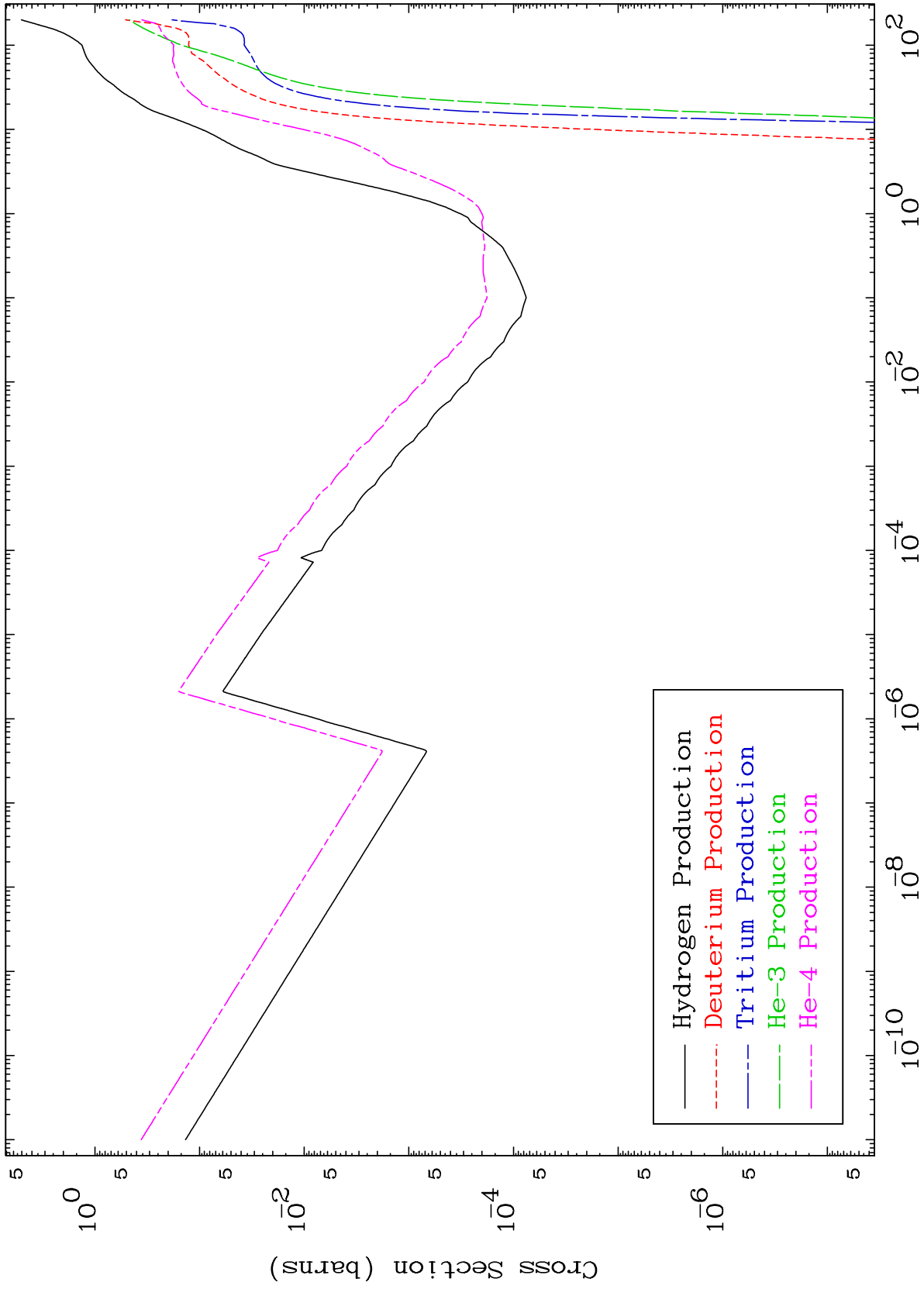
72-Hf-164



MAT 7195

Particle Production
293 Kelvin Cross Sections

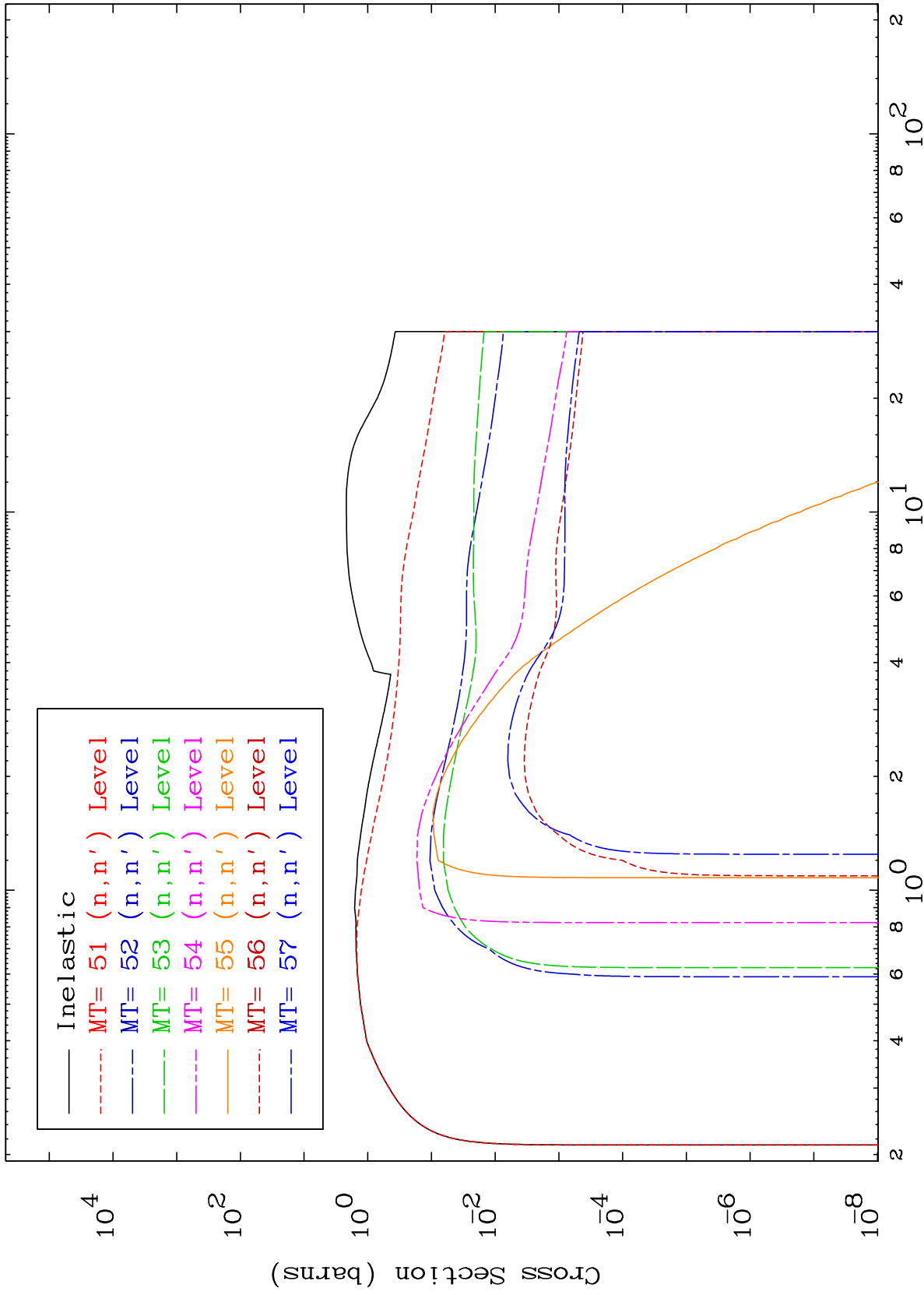
72-Hf-164



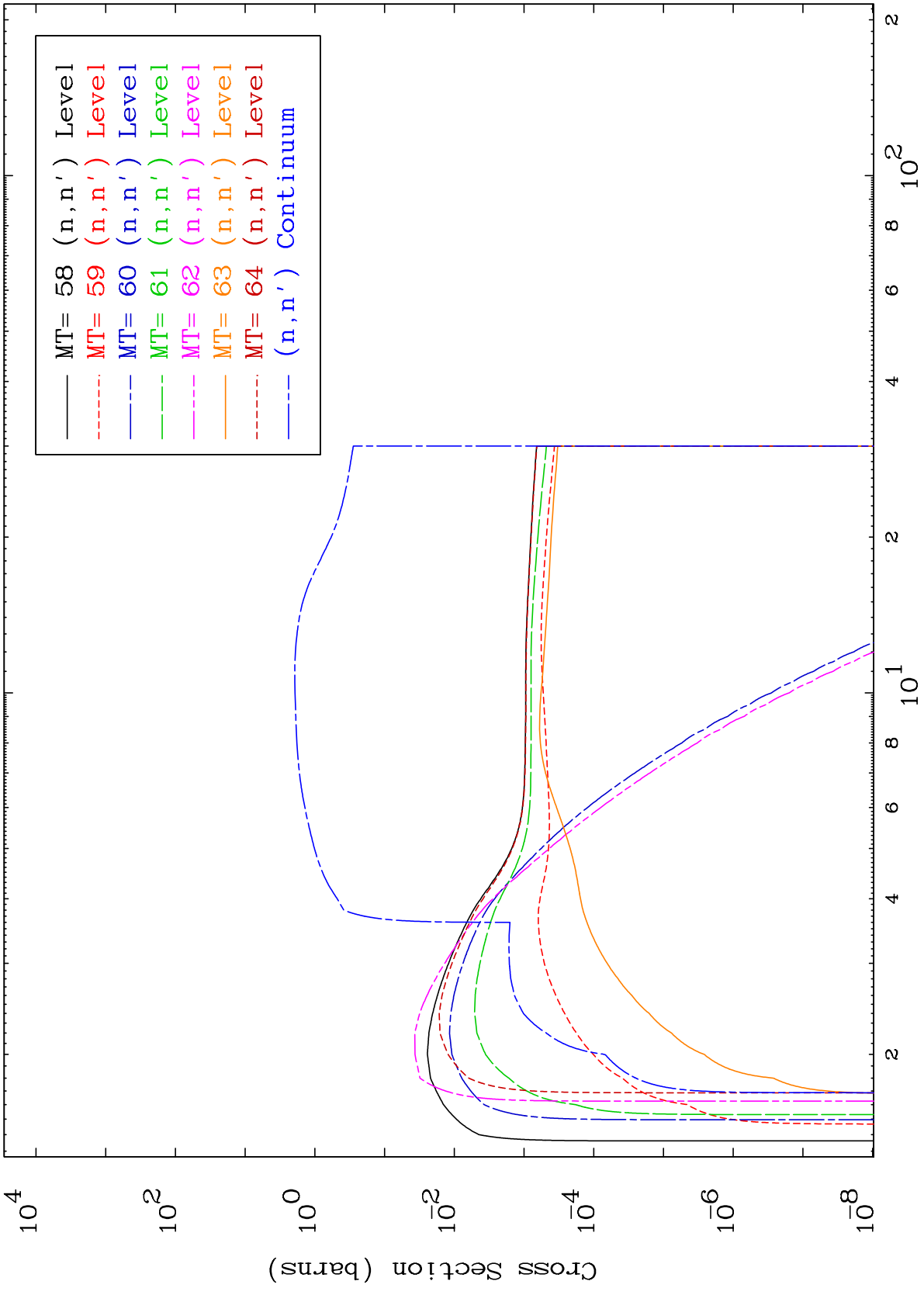
6

Incident Energy (MeV)

72-Hf-164



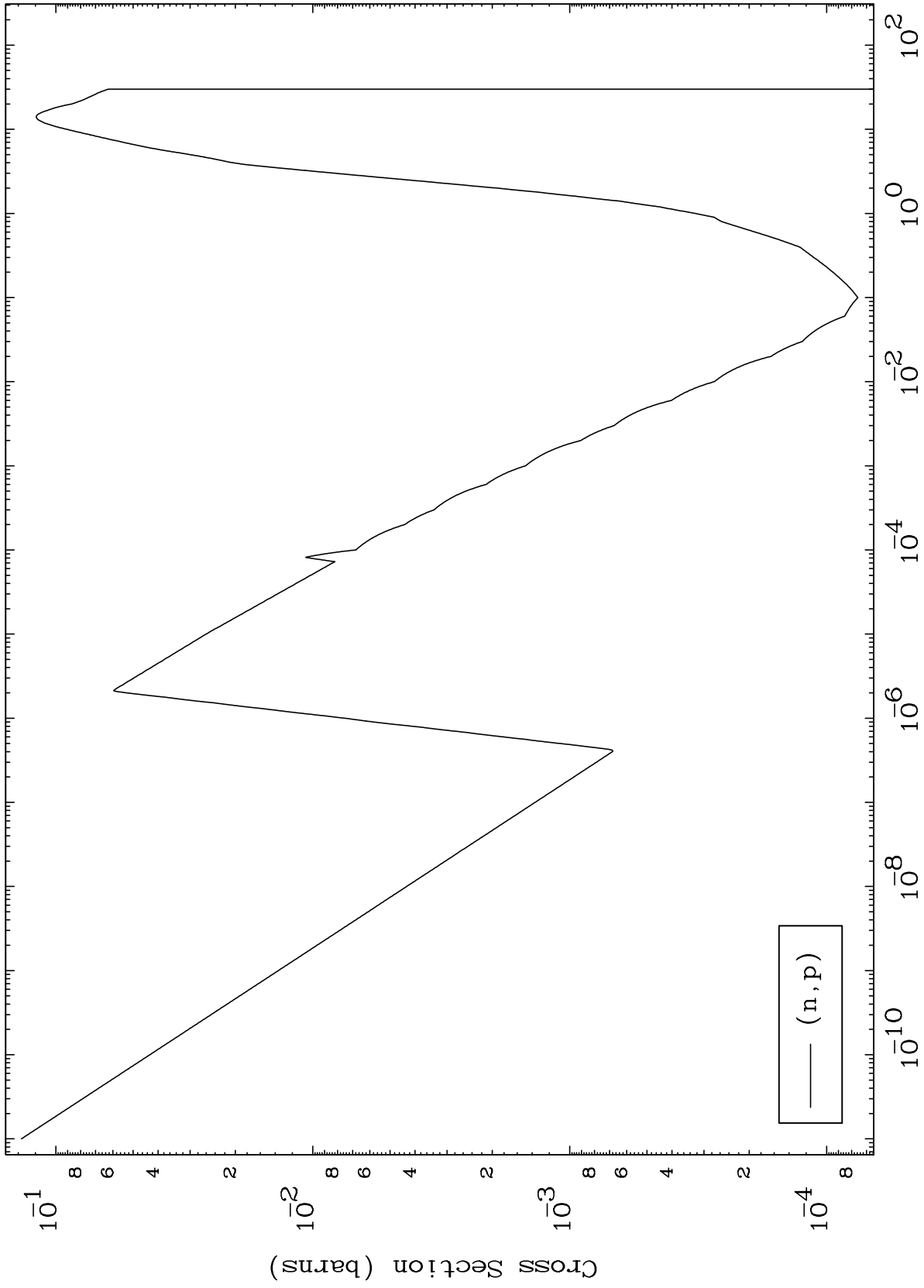
293 Kelvin Cross Sections



MAT 7195

(n,p) Levels
293 Kelvin Cross Sections

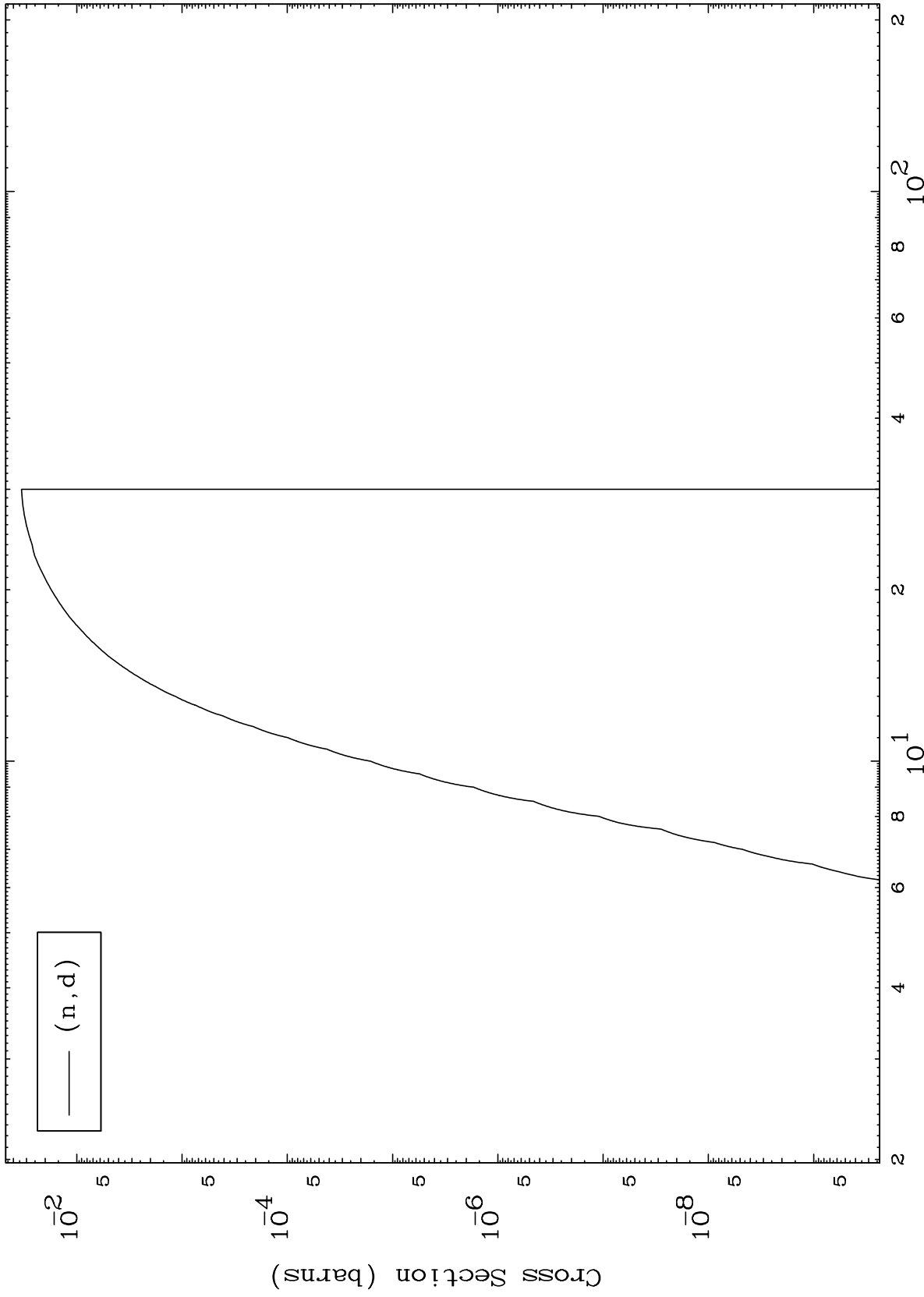
72-Hf-164



MAT 7195

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-164



10

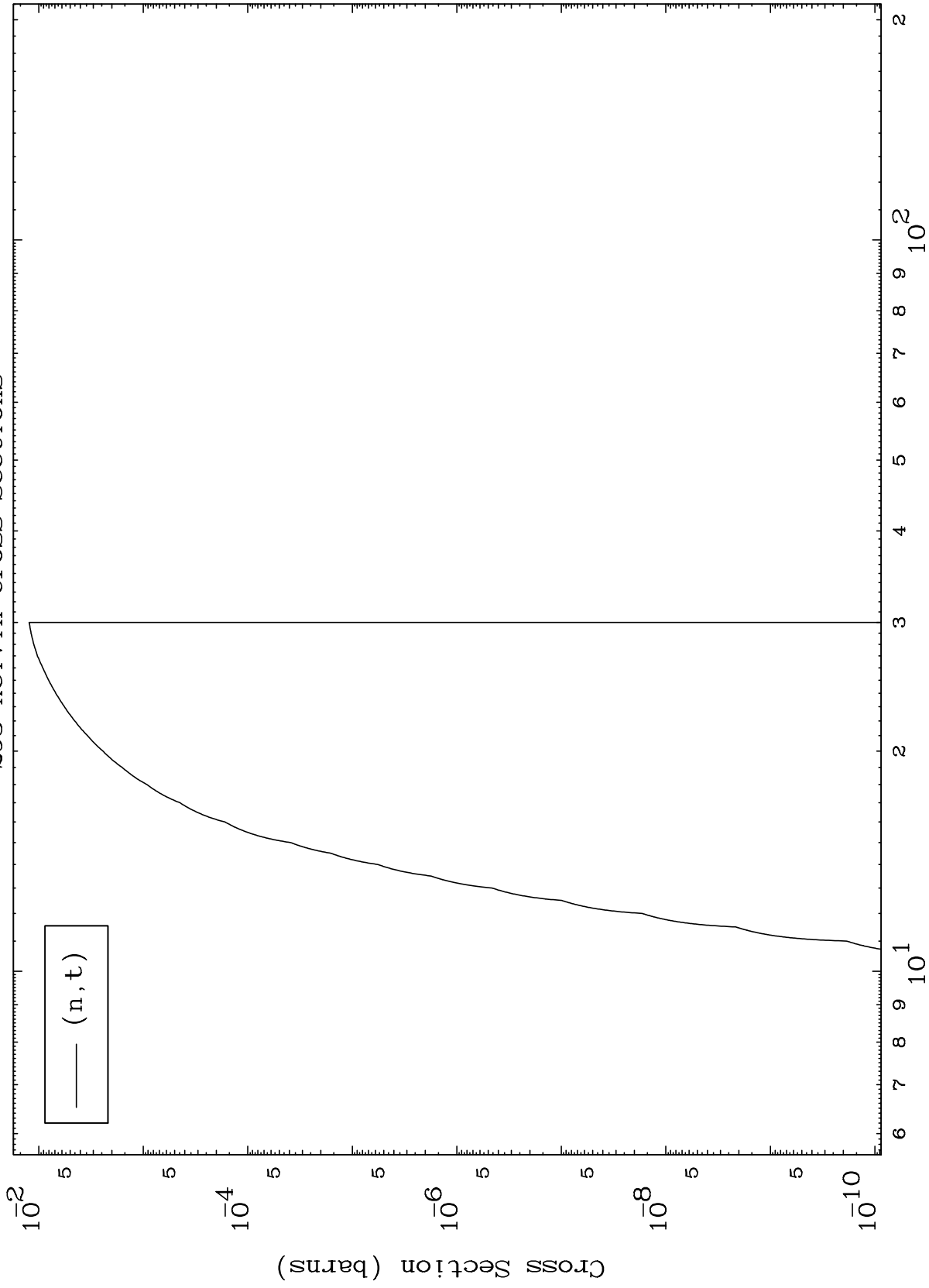
Incident Energy (MeV)

72-Hf-164

MAT 7195

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-164



11

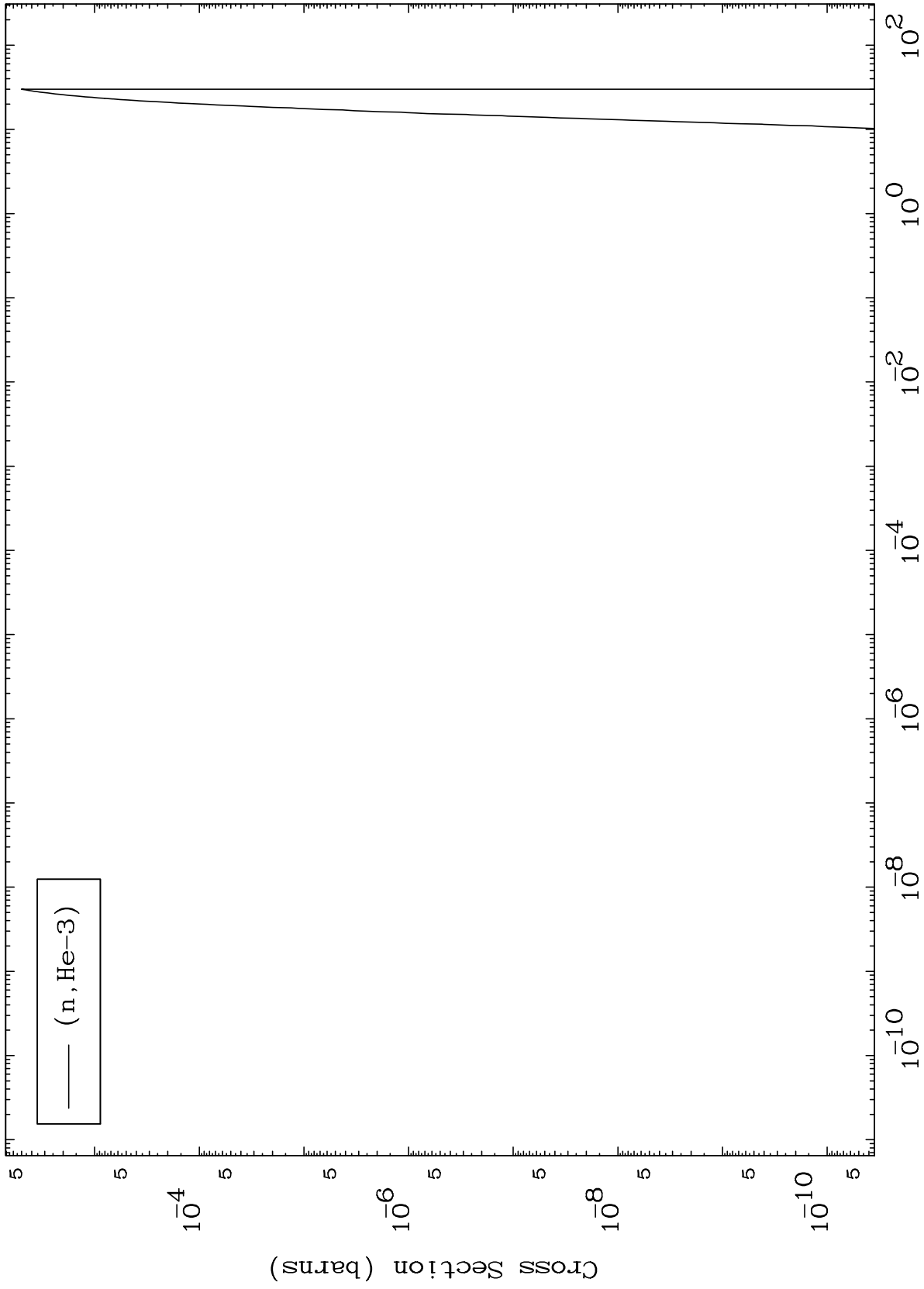
Incident Energy (MeV)

72-Hf-164

MAT 7195

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-164



12

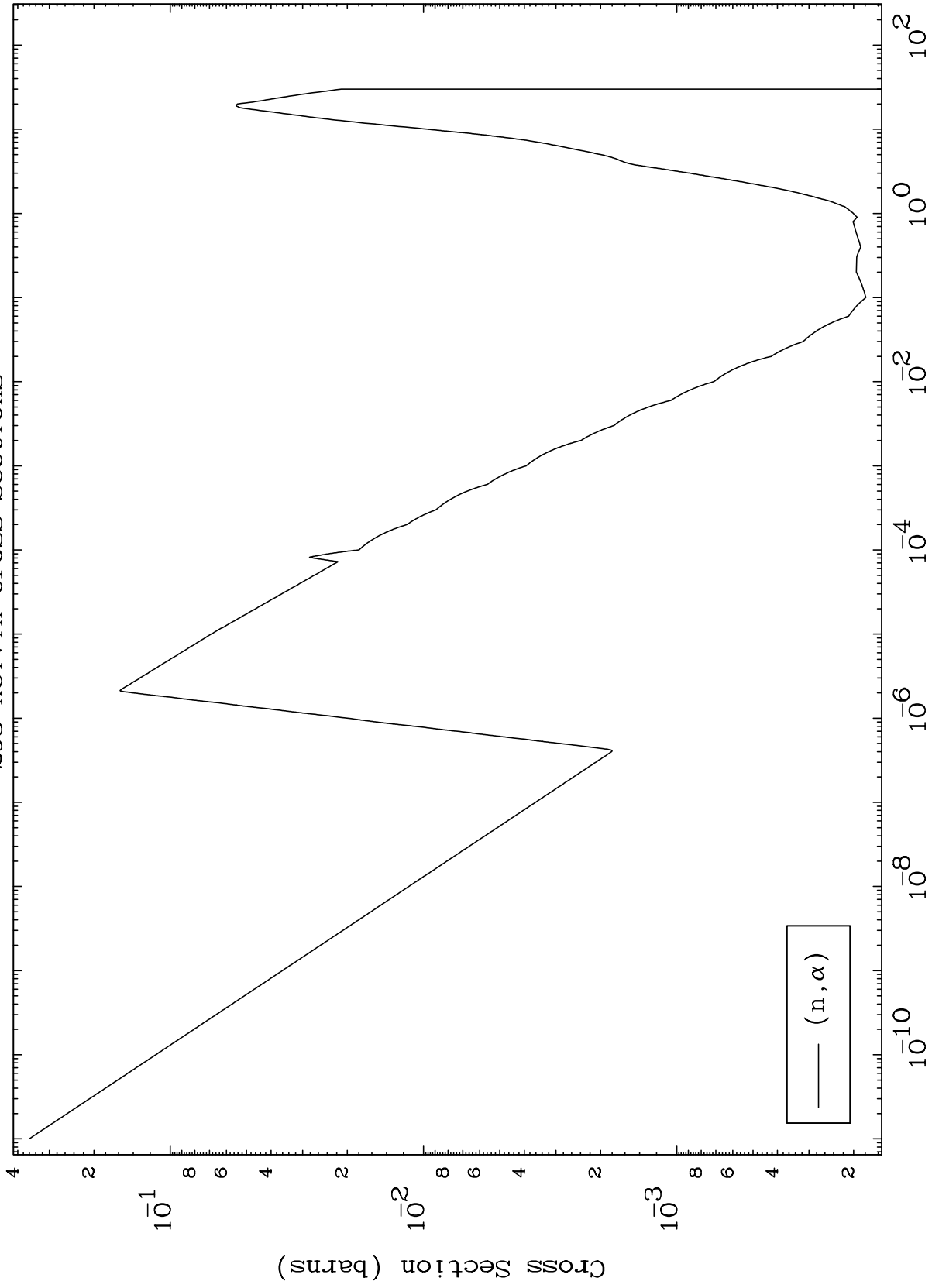
Incident Energy (MeV)

72-Hf-164

MAT 7195

(n,α) Levels
293 Kelvin Cross Sections

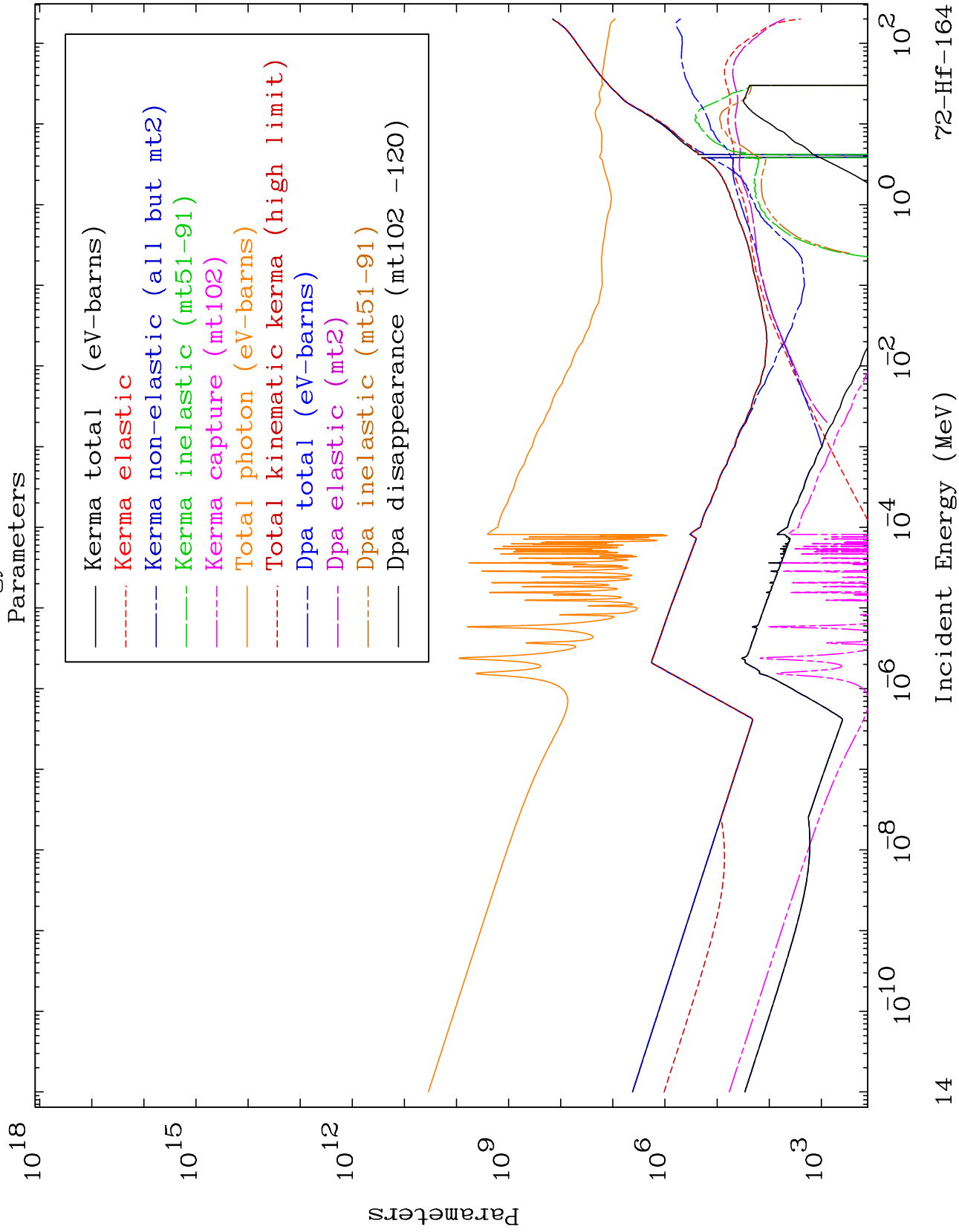
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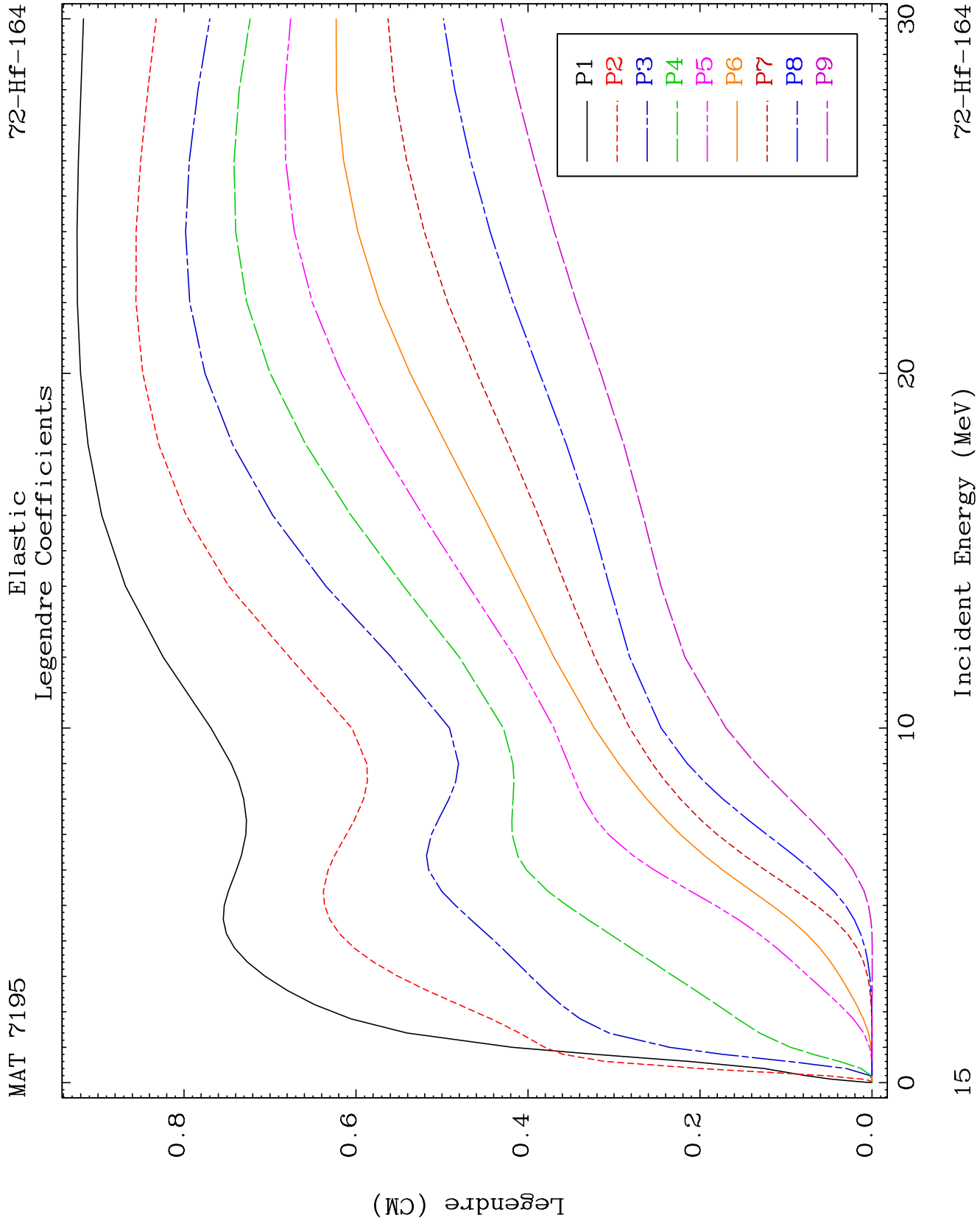


13

Incident Energy (MeV)

72-Hf-164

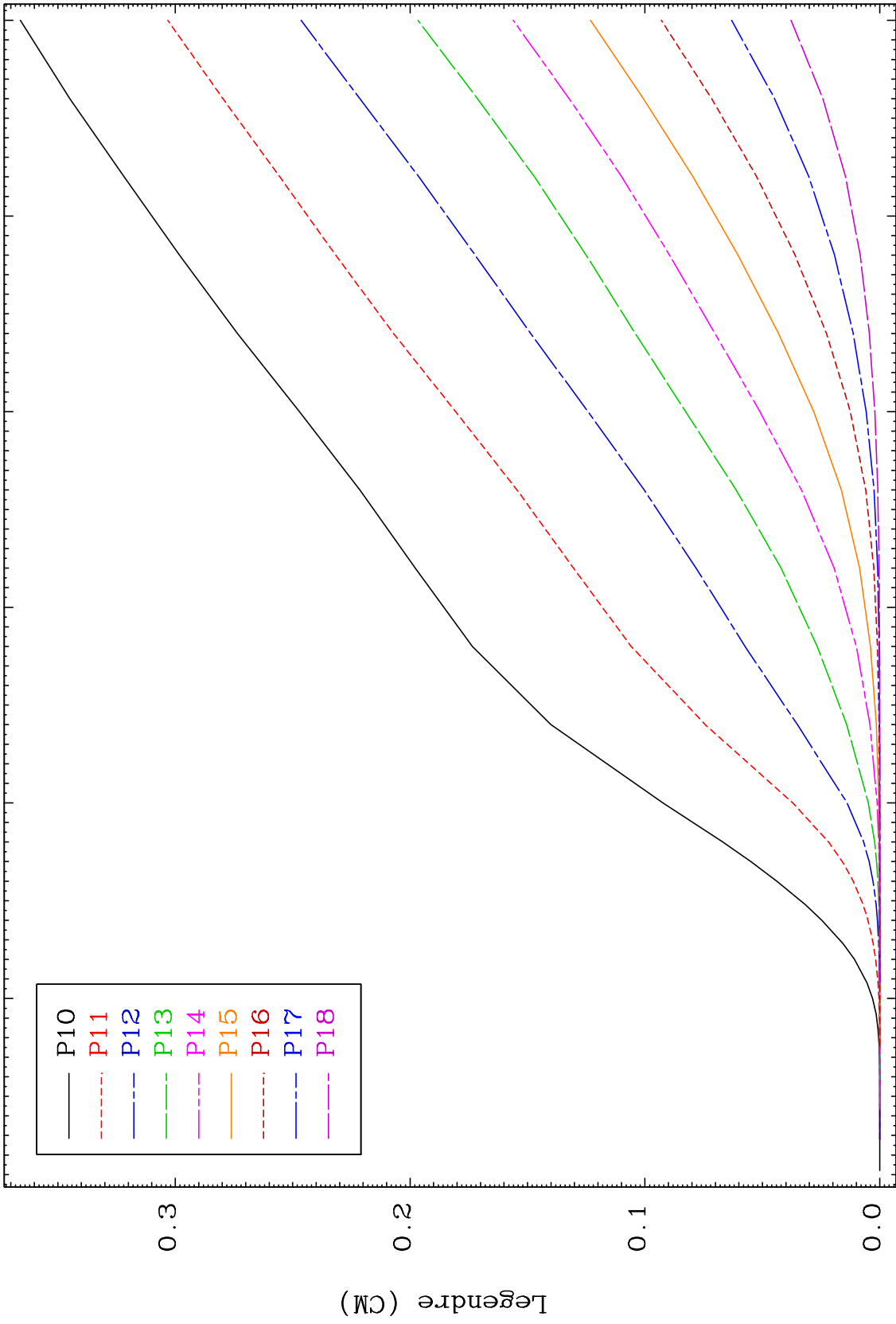




MAT 7195

Elastic Legendre Coefficients

72-Hf-164



16

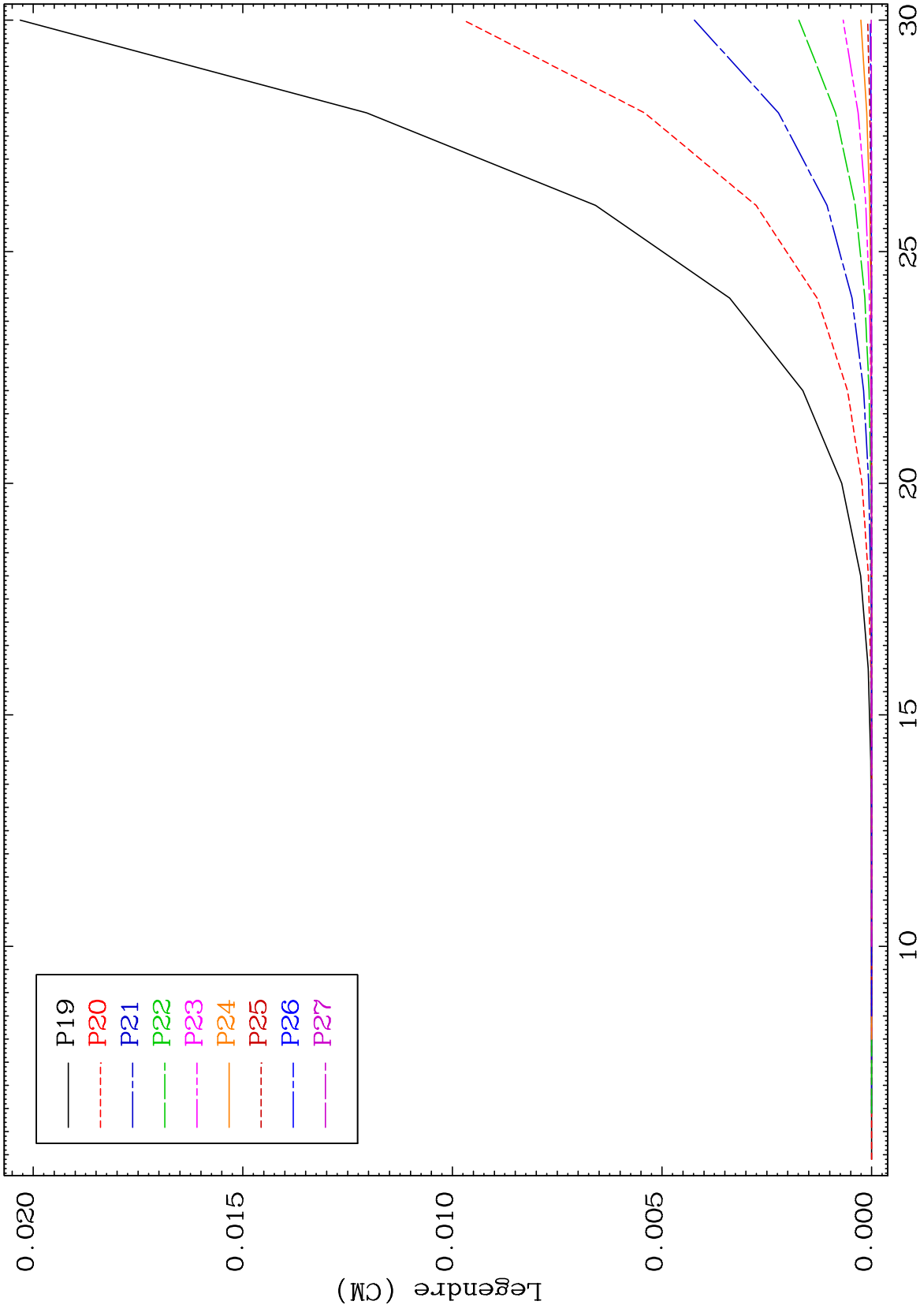
Incident Energy (MeV)

72-Hf-164

MAT 7195

Elastic Legendre Coefficients

72-Hf-164



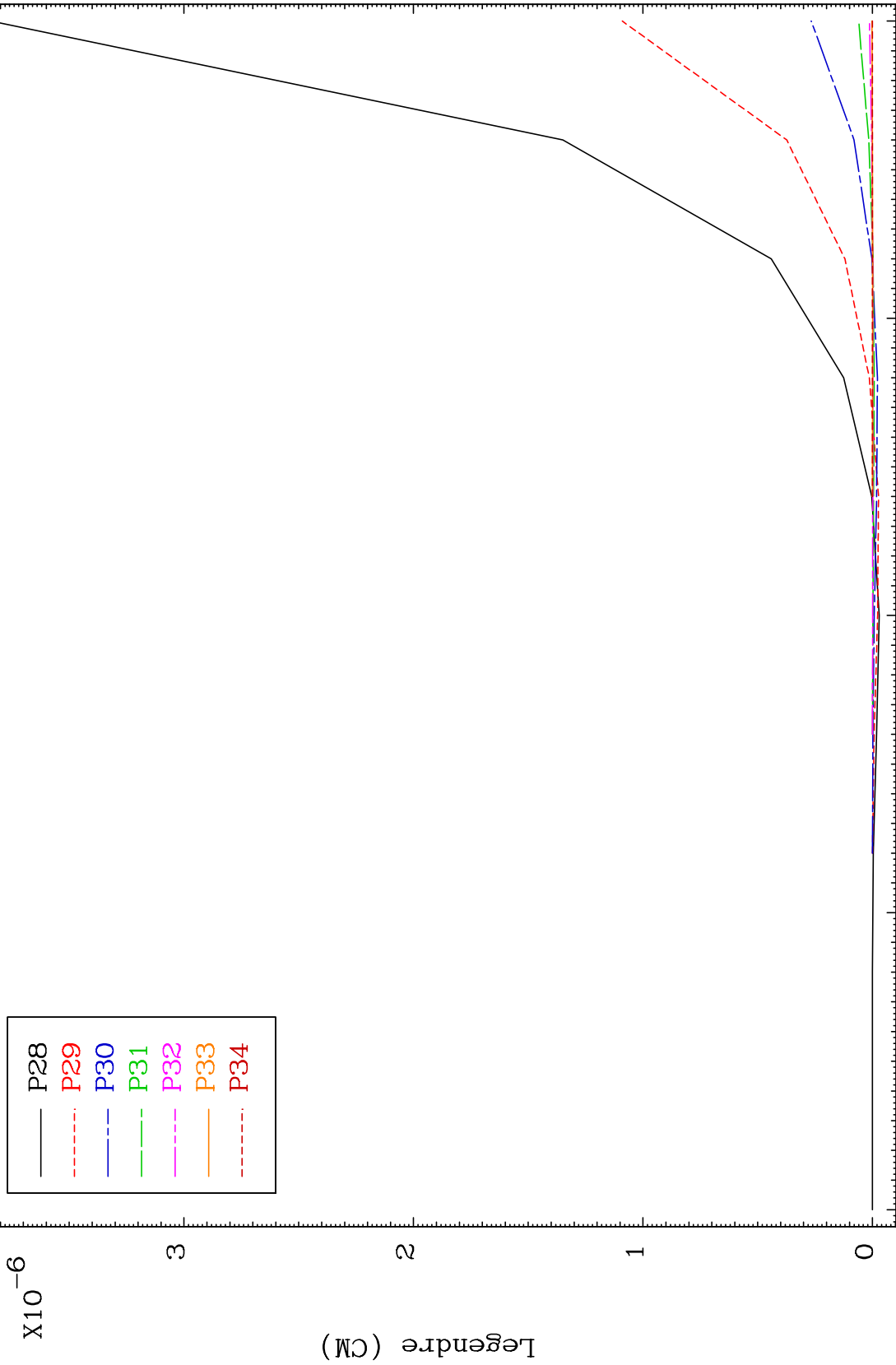
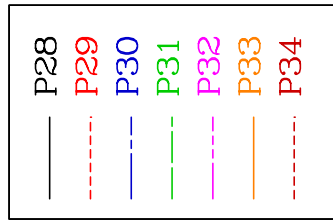
17

72-Hf-164

MAT 7195

Elastic Legendre Coefficients

72-Hf-164



10

15

20

25

30

Incident Energy (MeV)

72-Hf-164

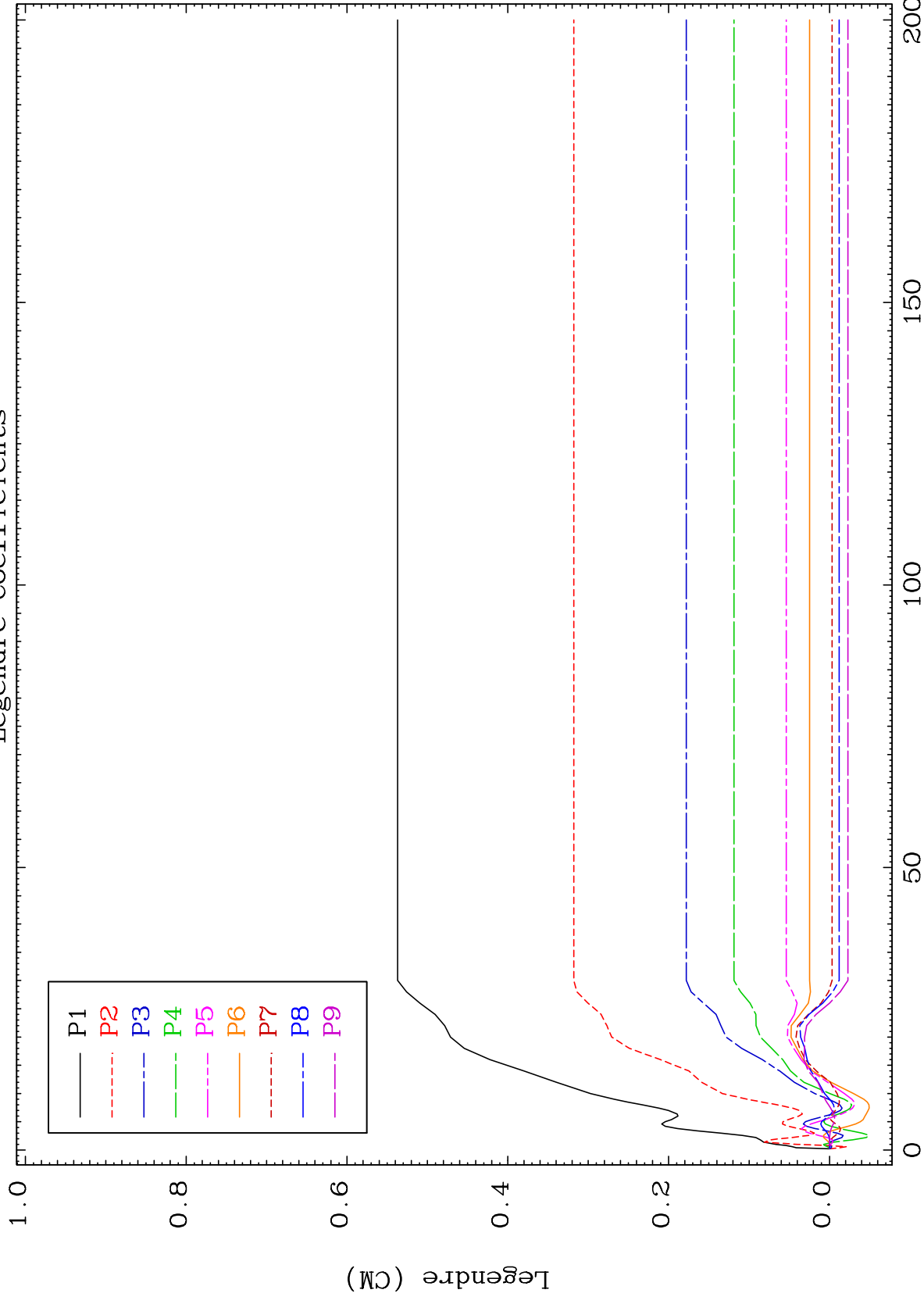
Legendre (CM)

$\times 10^{-6}$

MAT 7195

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

72-Hf-164



19

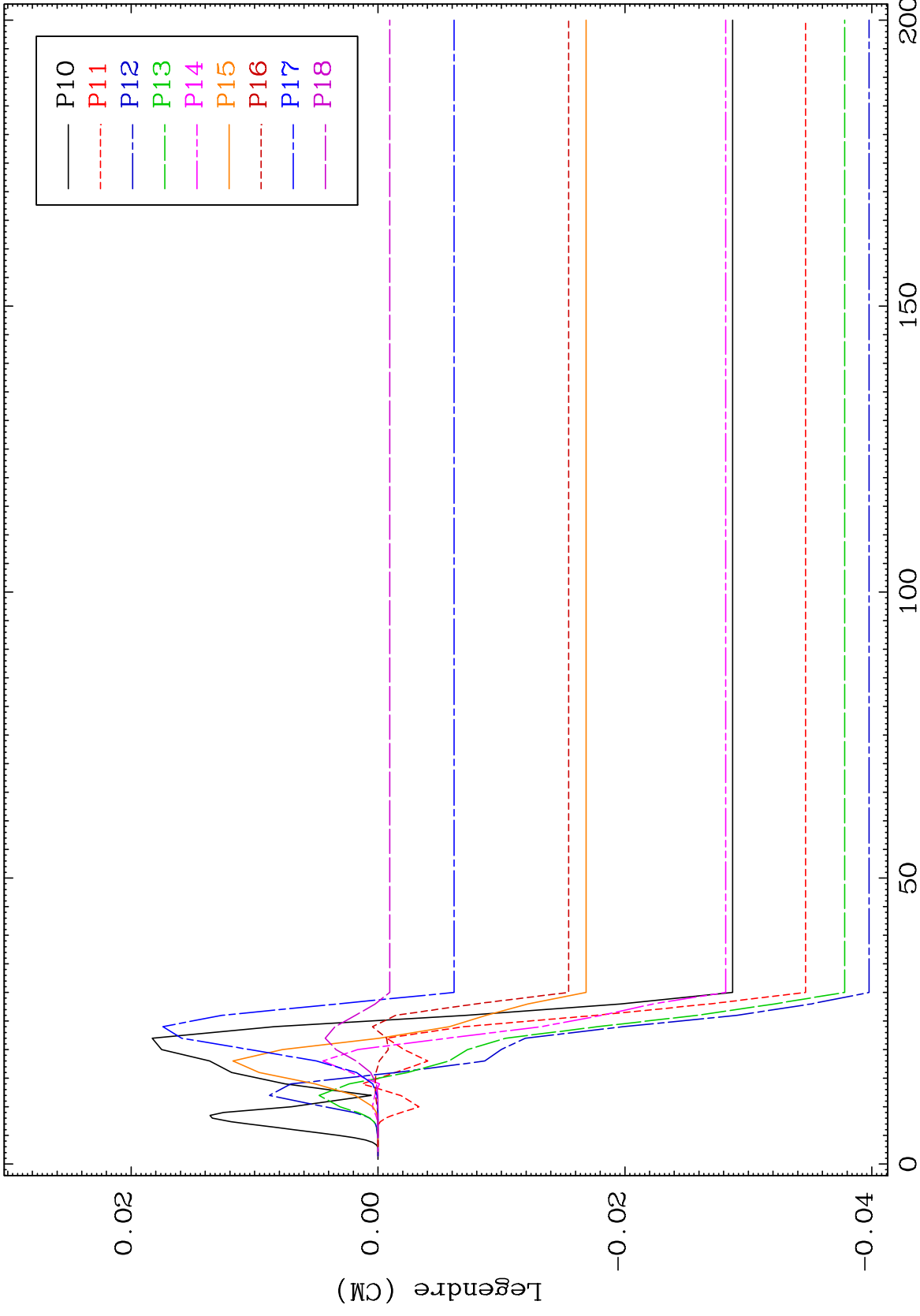
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



20

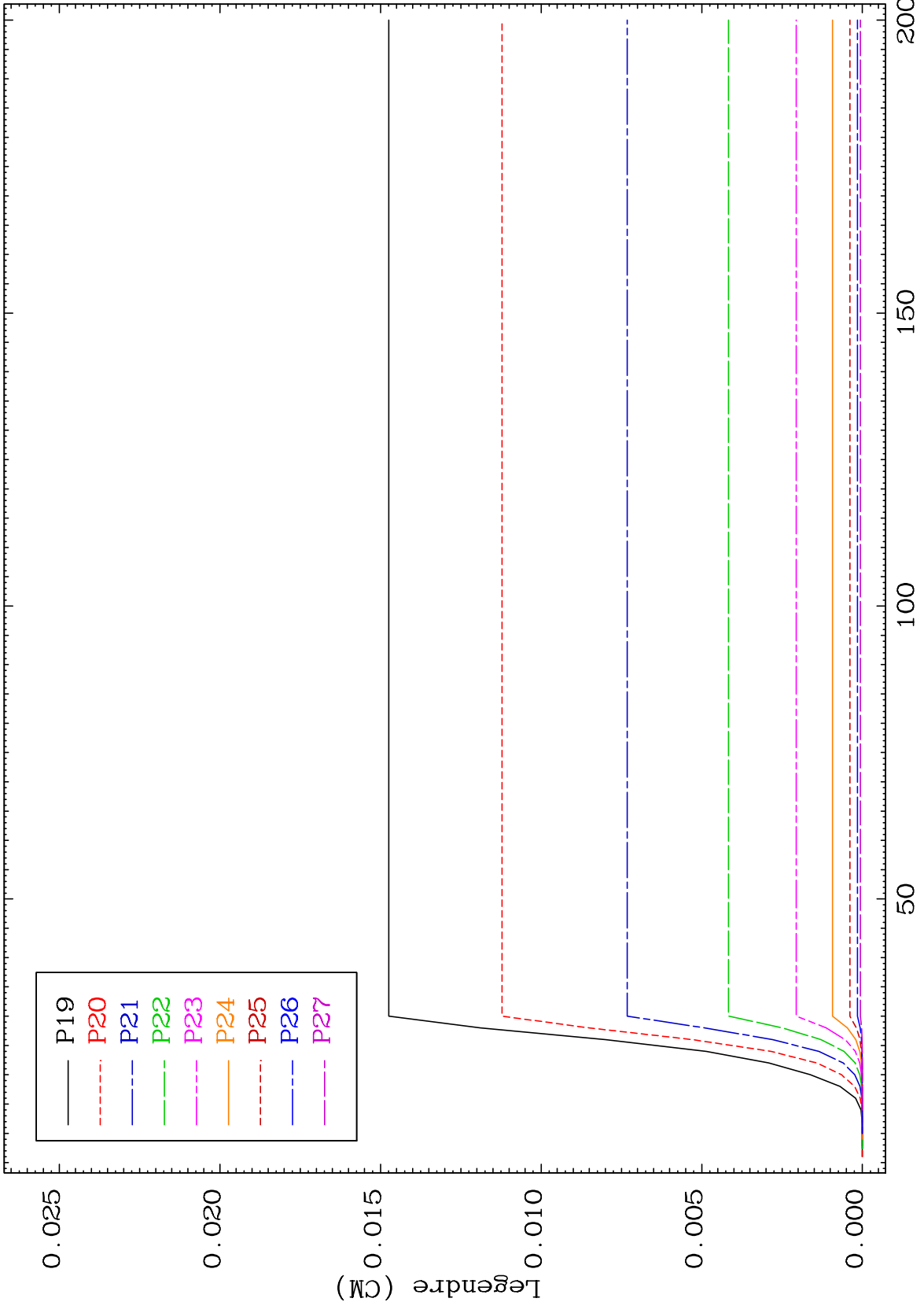
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



21

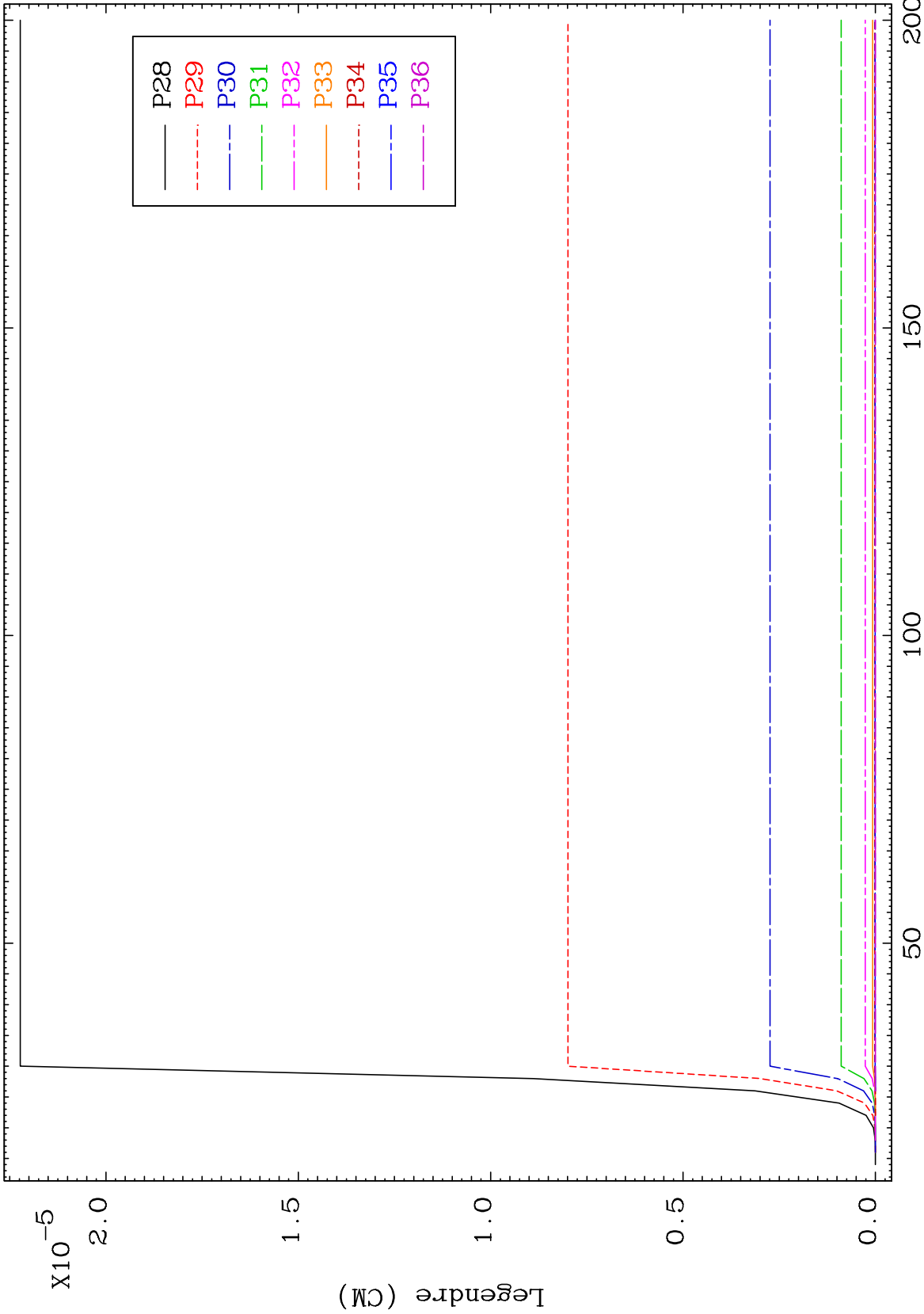
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



22

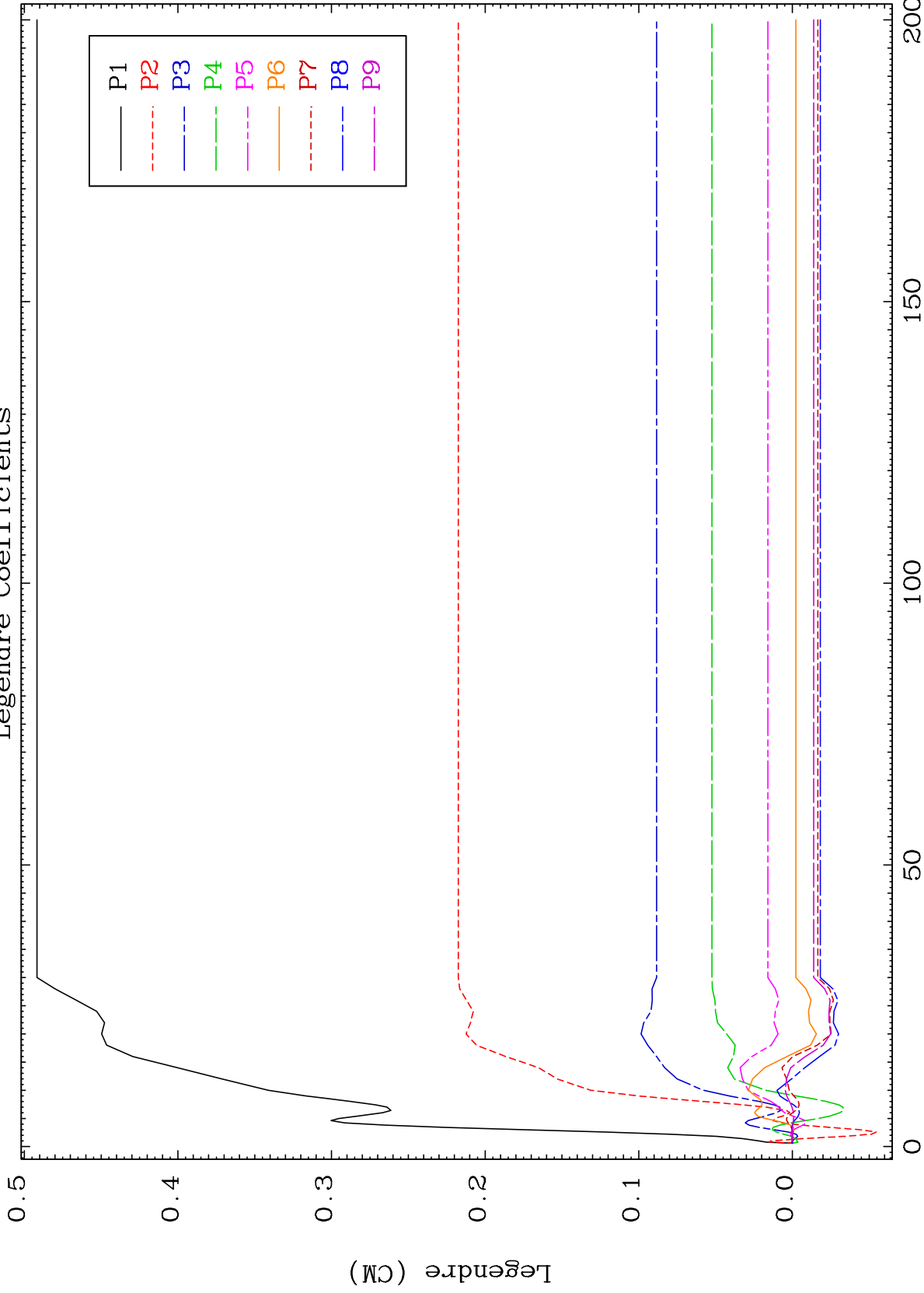
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



23

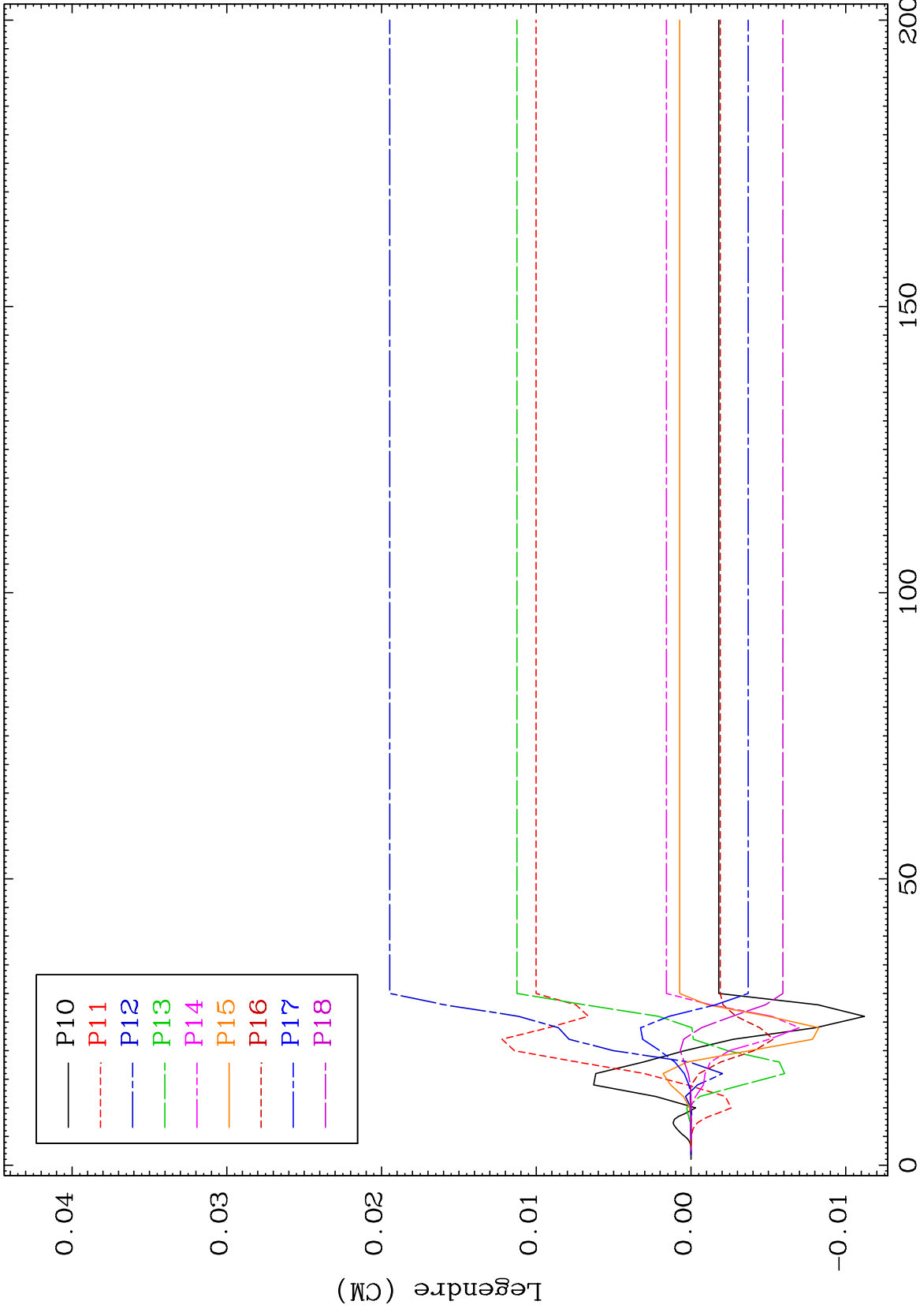
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



24

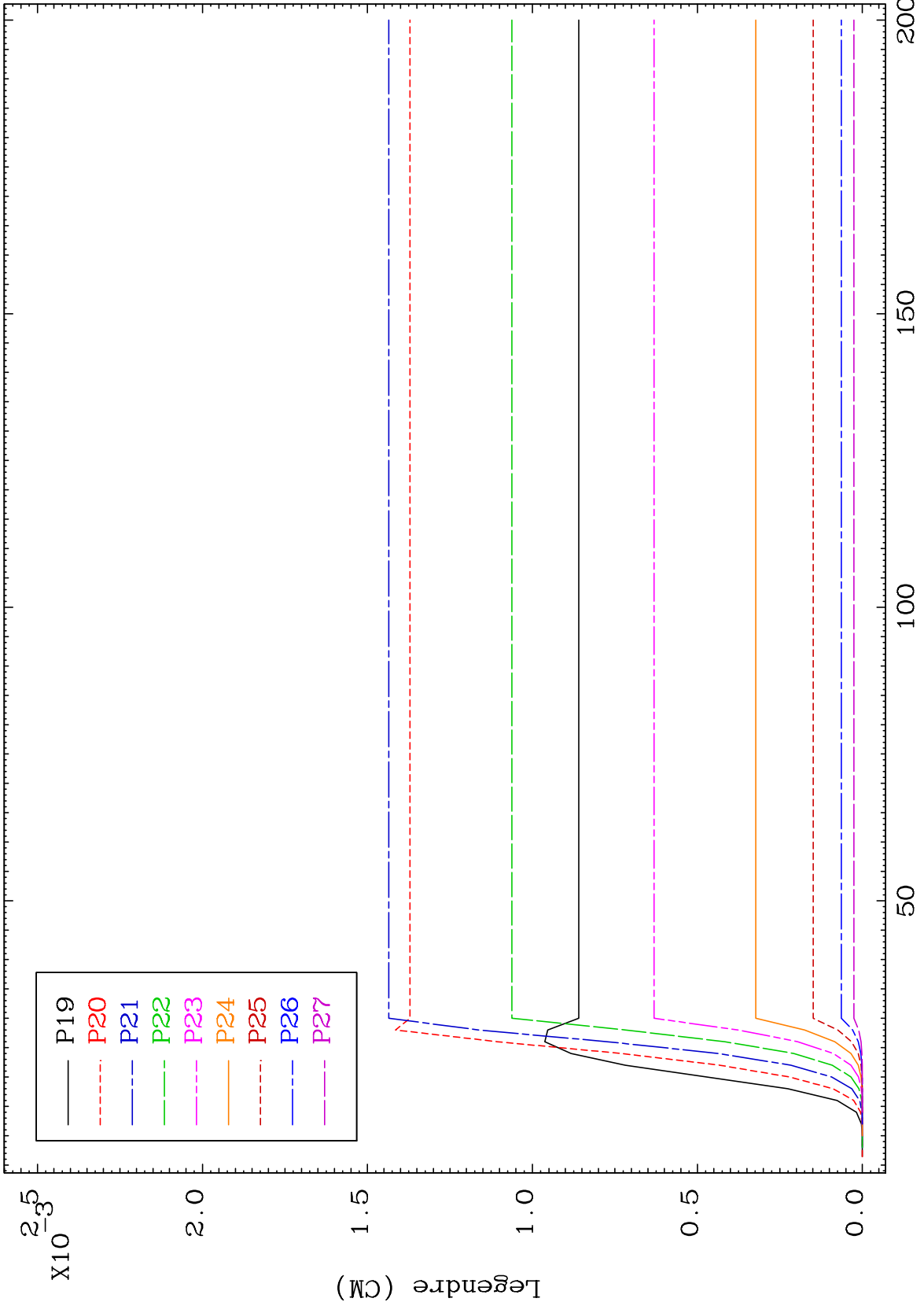
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

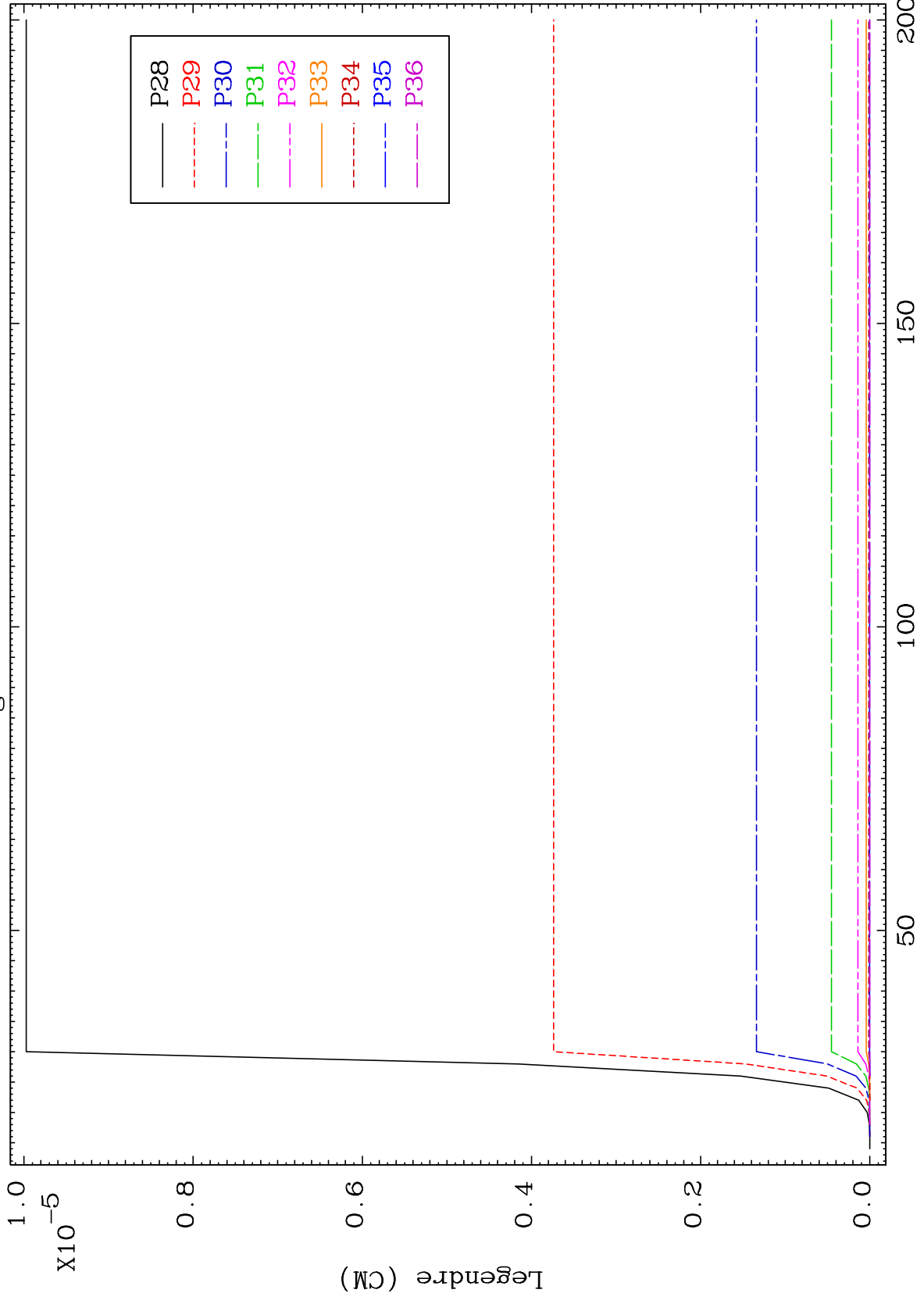
72-Hf-164



25

Incident Energy (MeV)

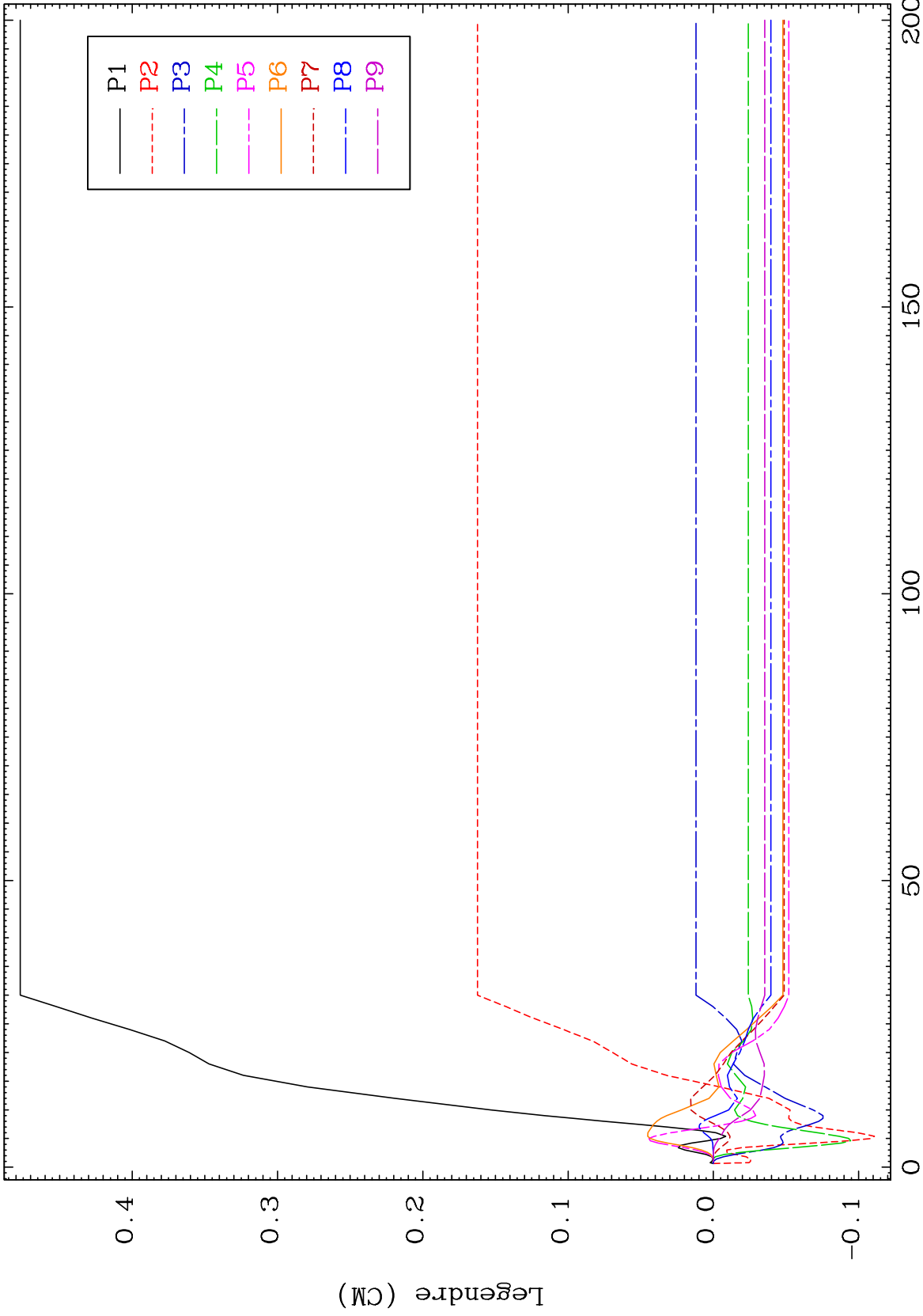
72-Hf-164



MAT 7195

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

72-Hf-164



27

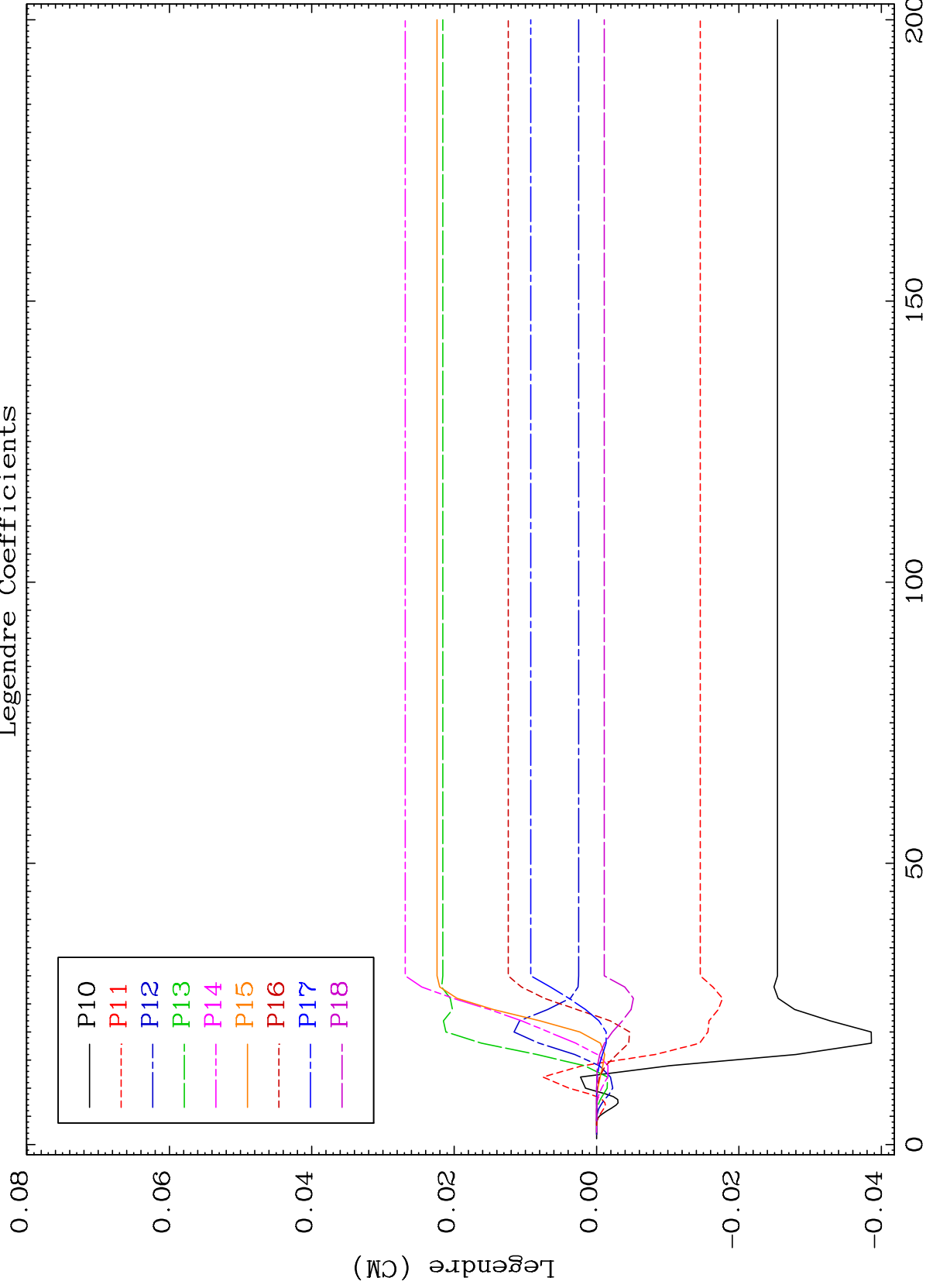
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



28

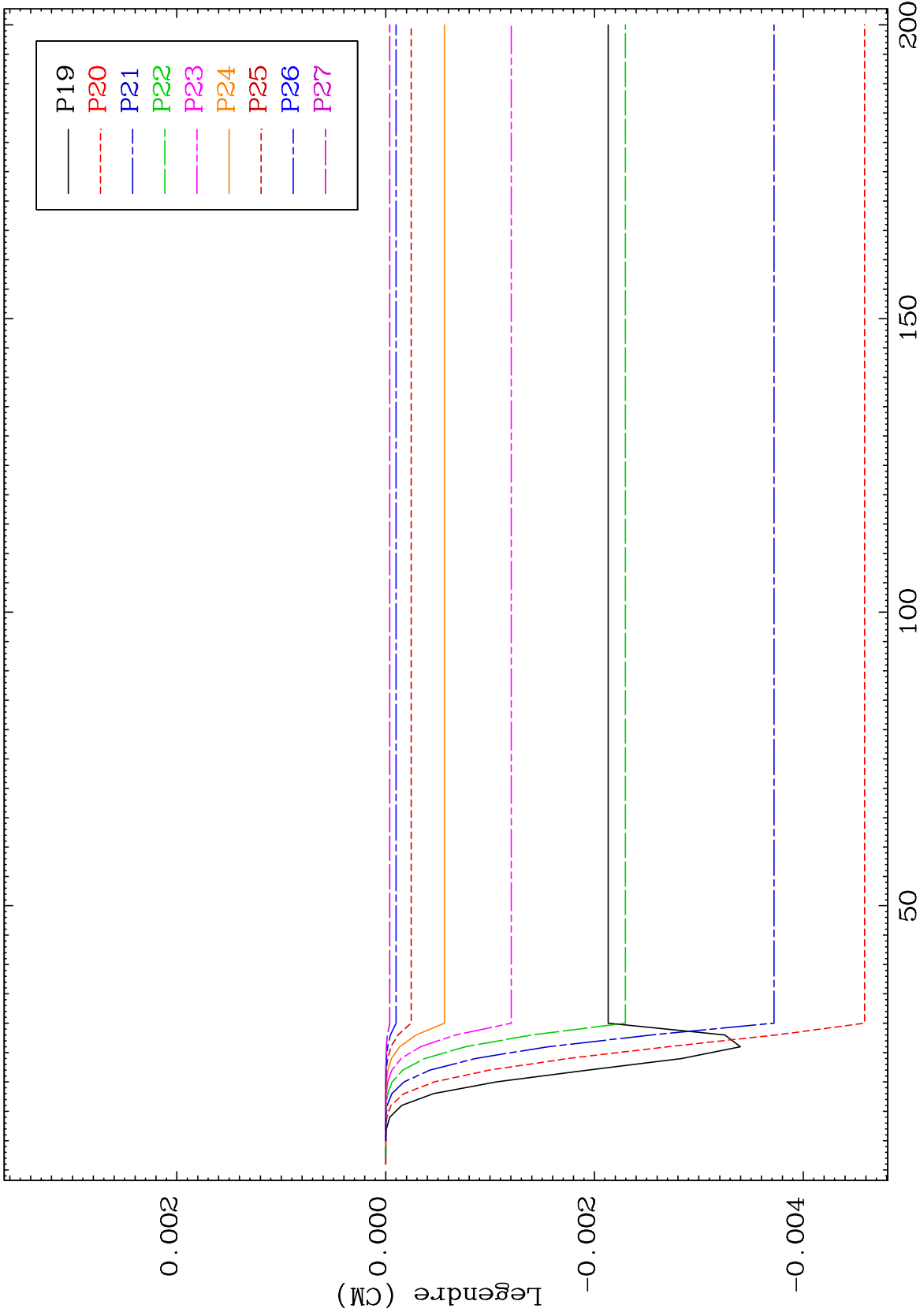
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



29

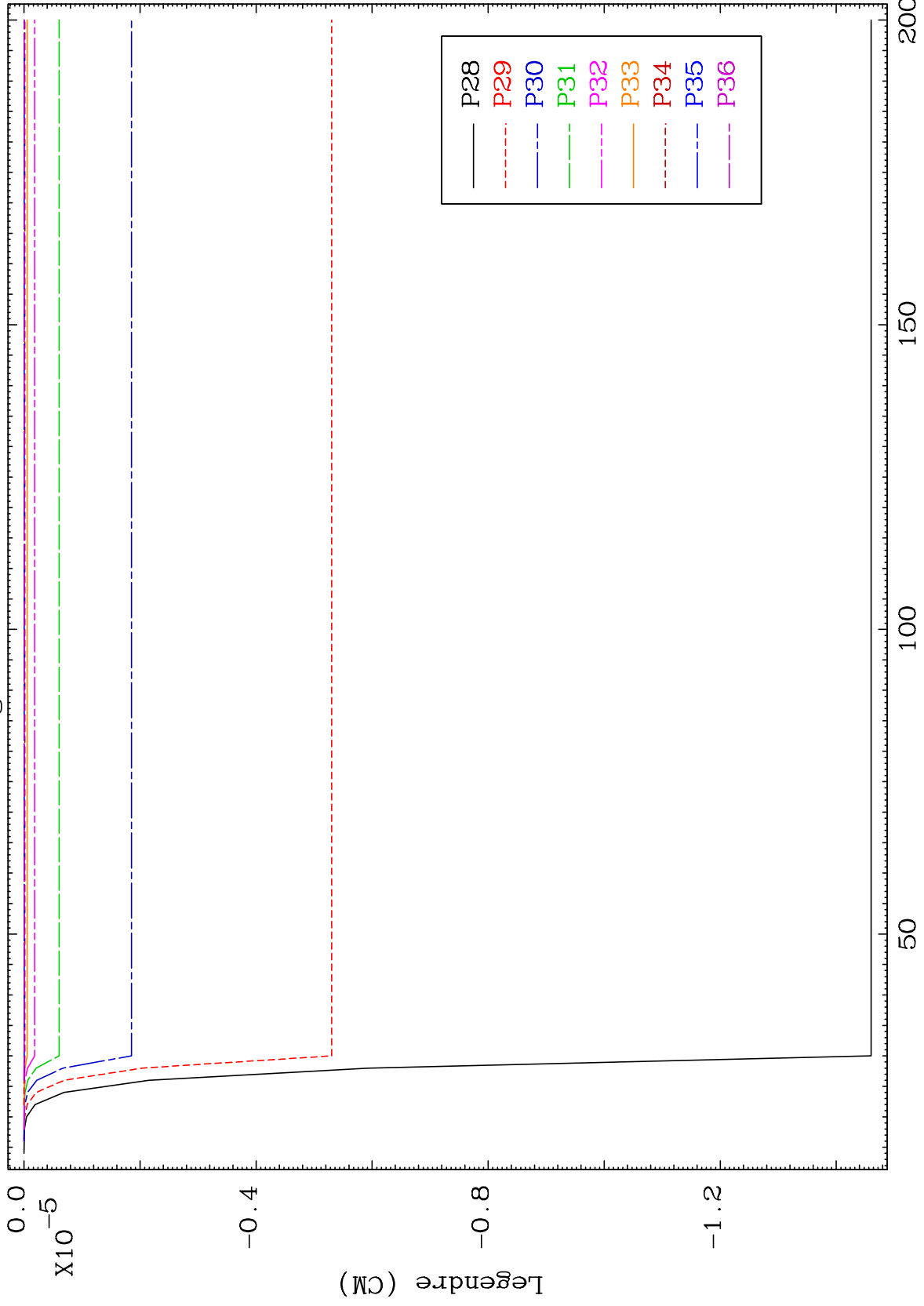
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



72-Hf-164

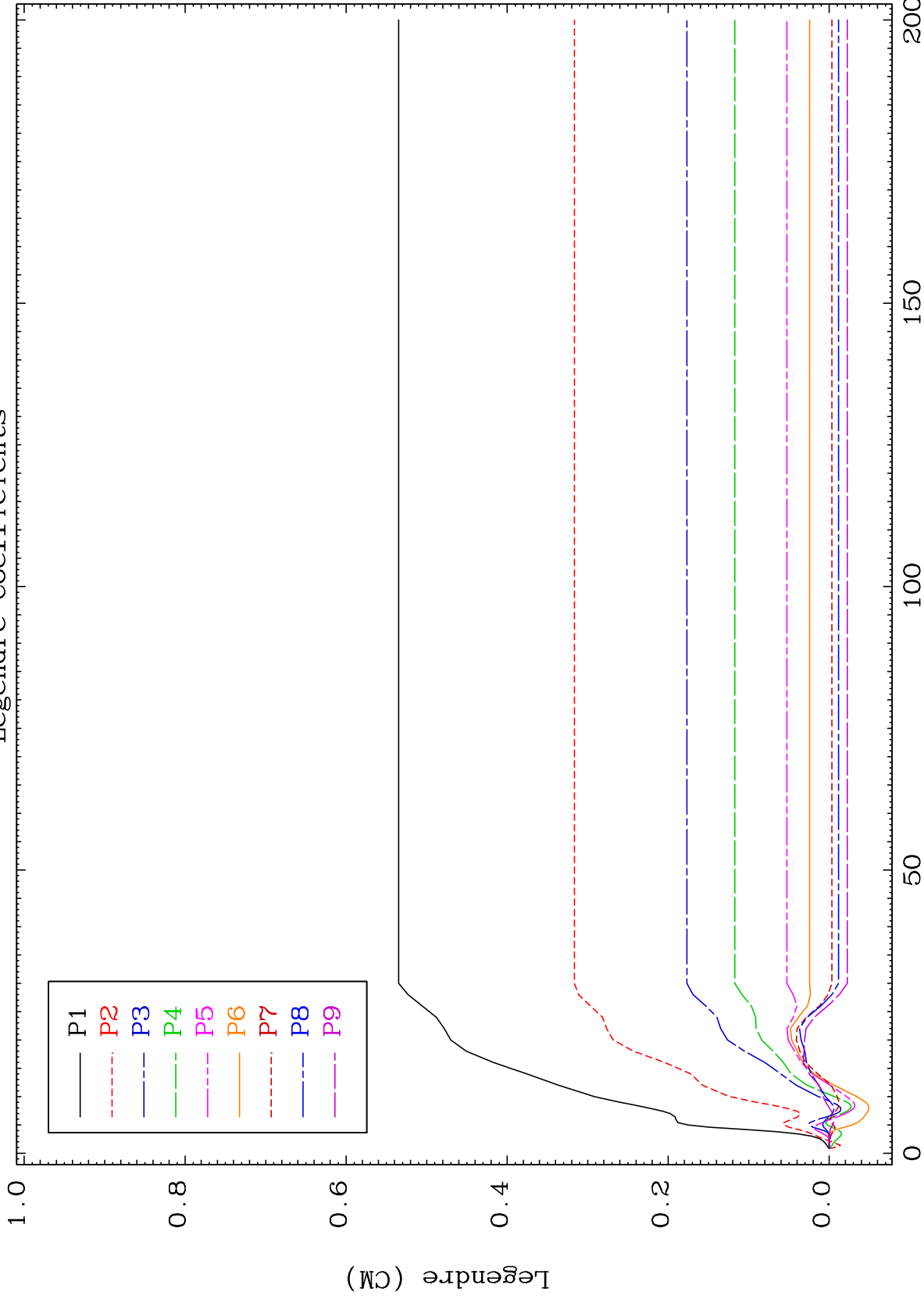
Incident Energy (MeV)

30

MAT 7195

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

72-Hf-164



31

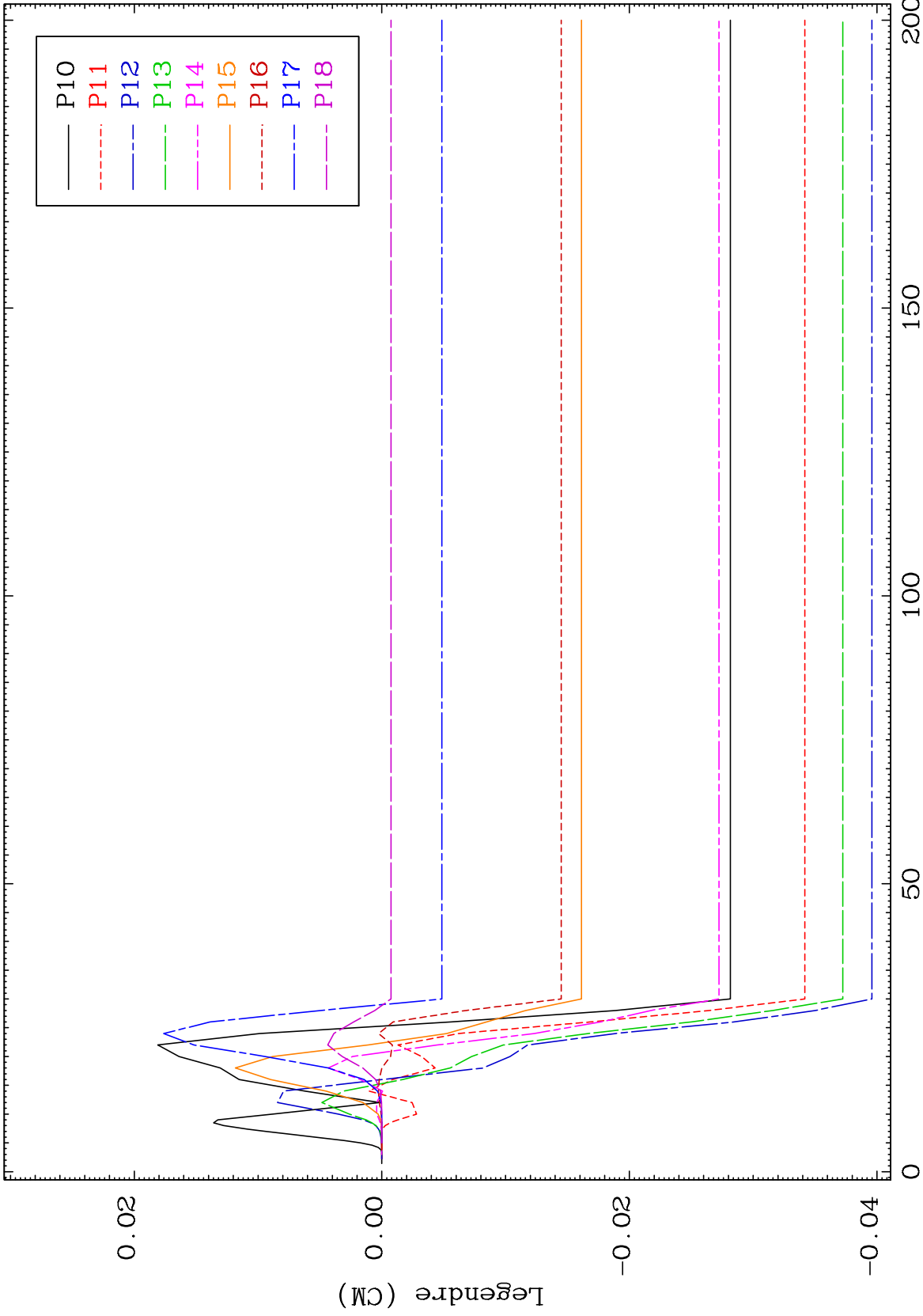
72-Hf-164

72-Hf-164

MAT 7195

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

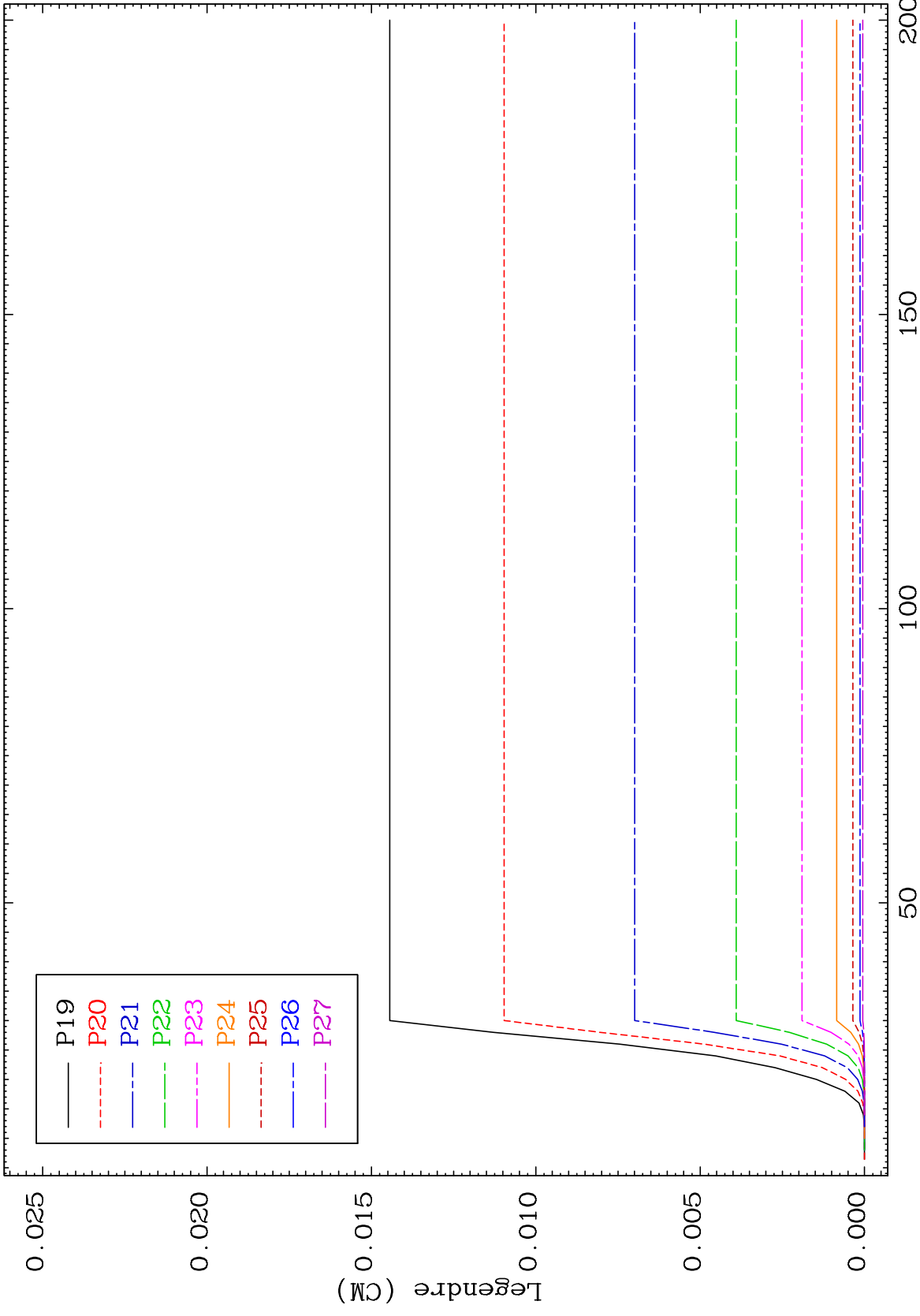
72-Hf-164



32

Incident Energy (MeV)

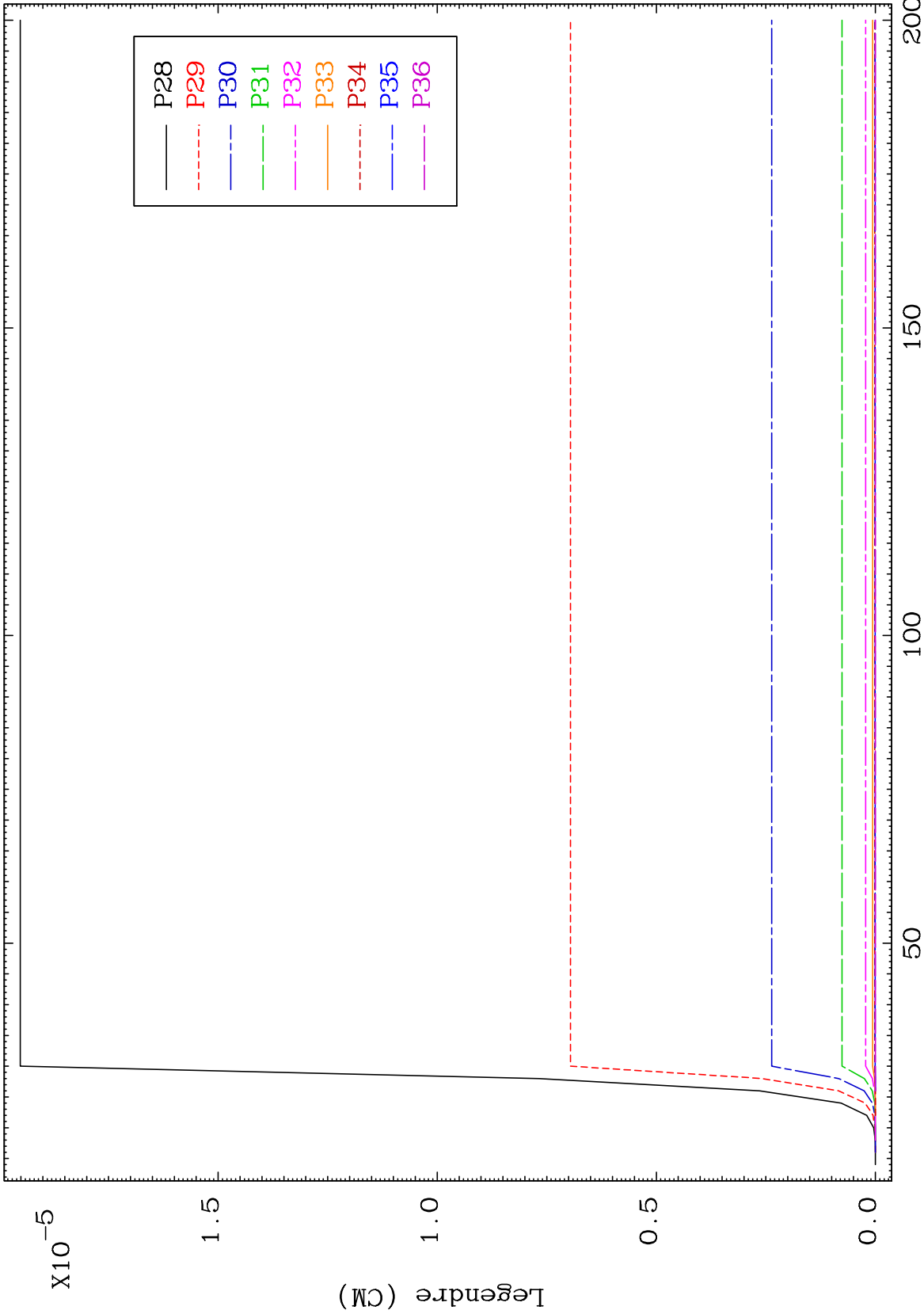
72-Hf-164



MAT 7195

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

72-Hf-164



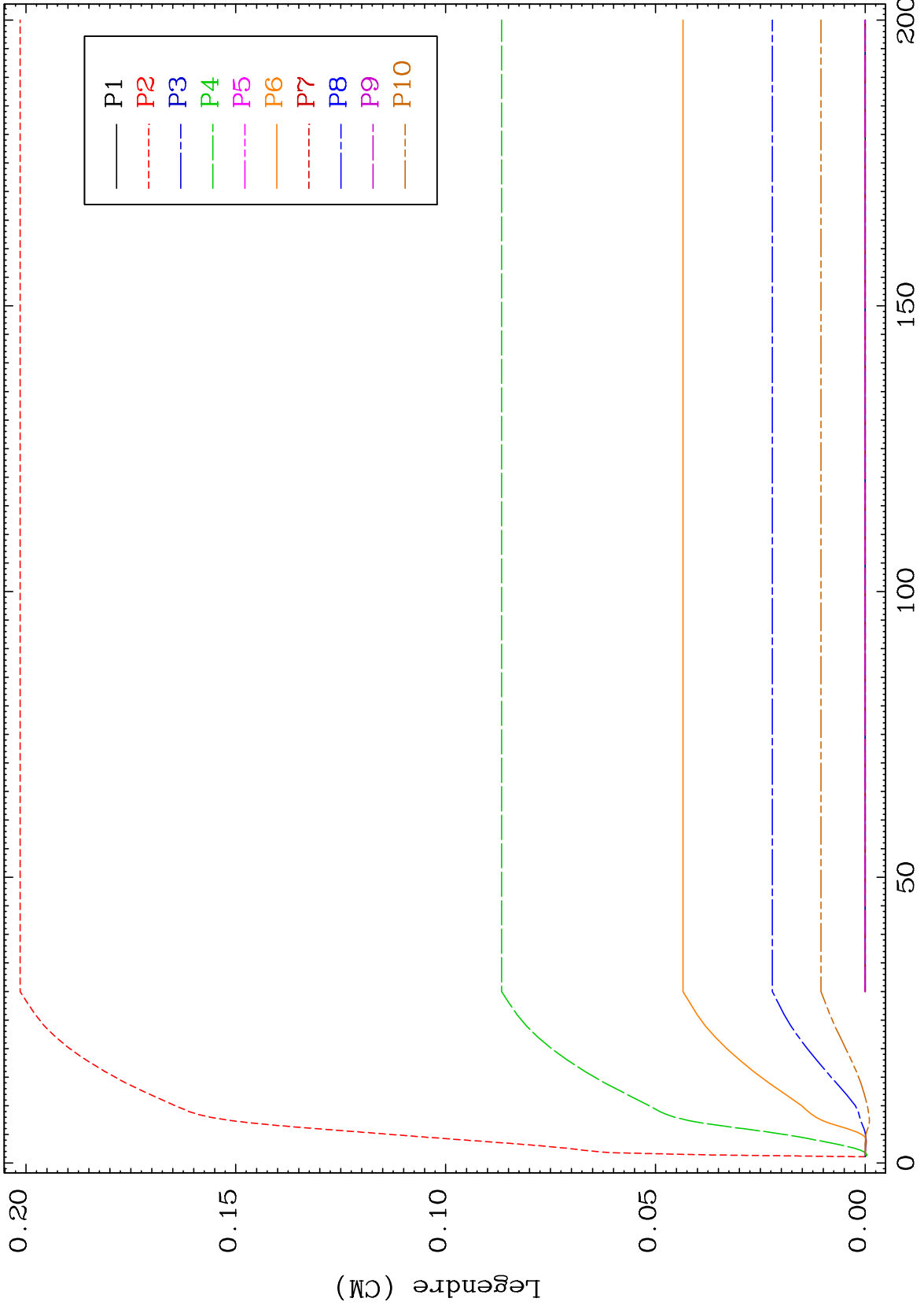
34

72-Hf-164

MAT 7195

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

72-Hf-164



35

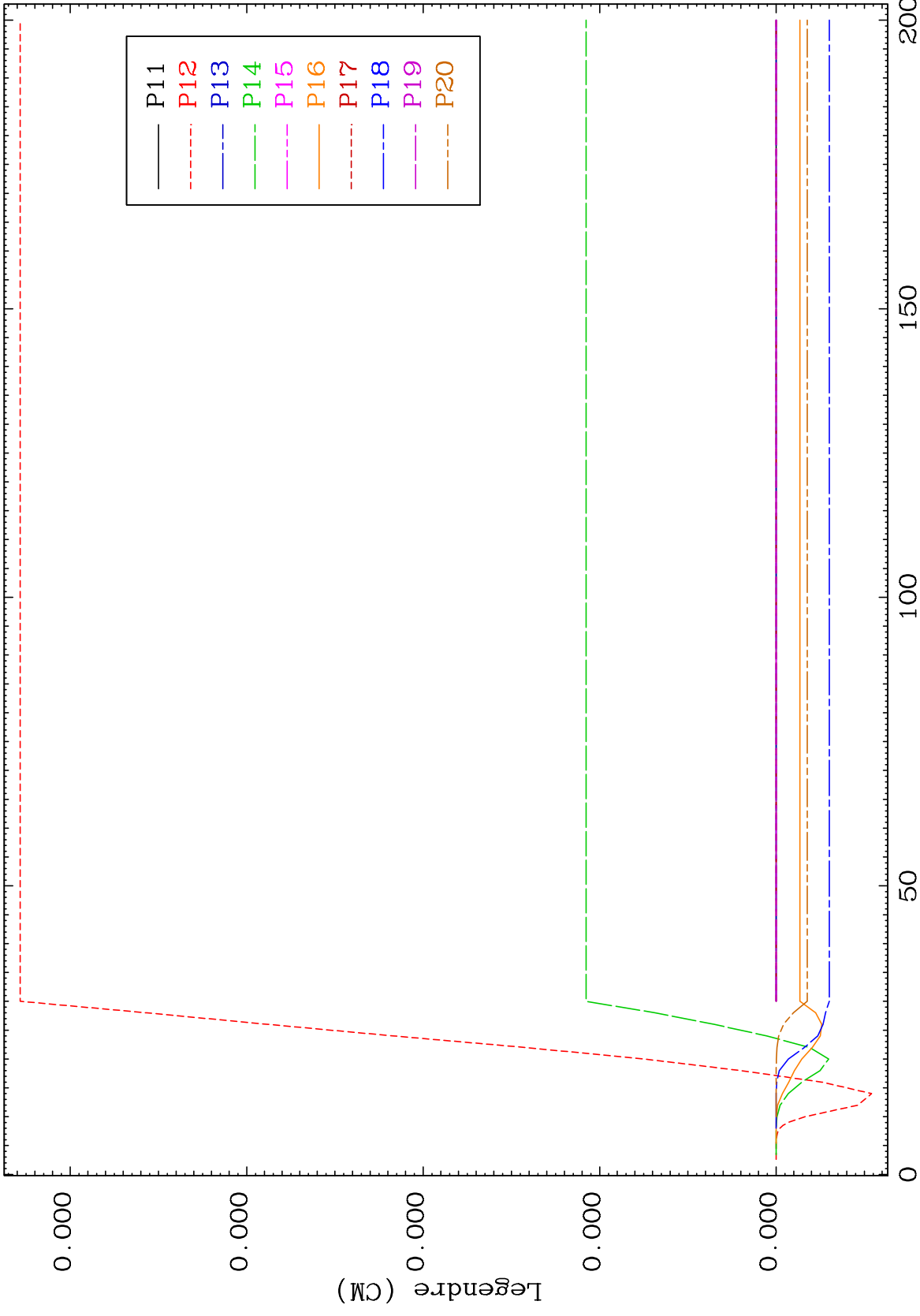
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



36

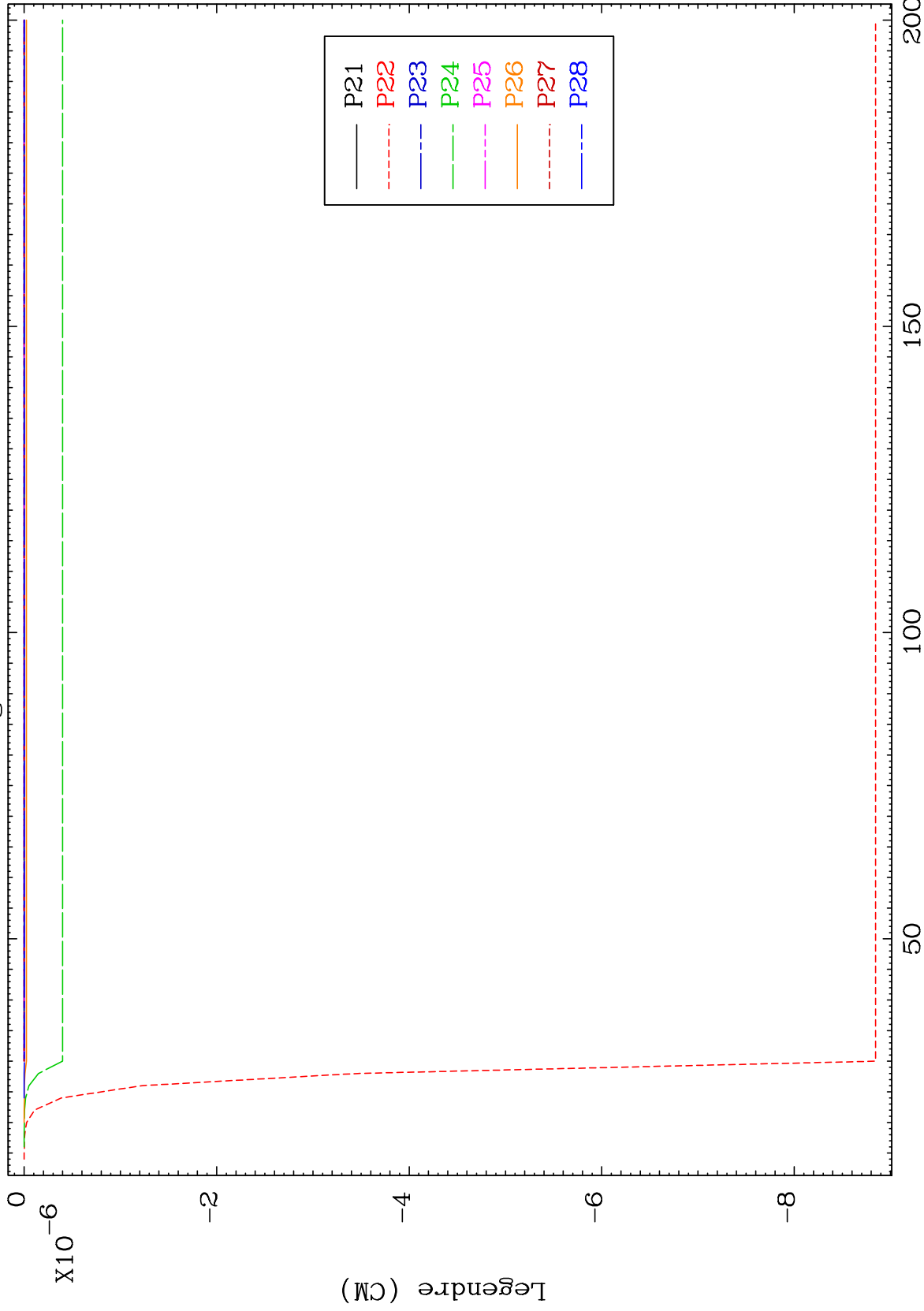
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



37

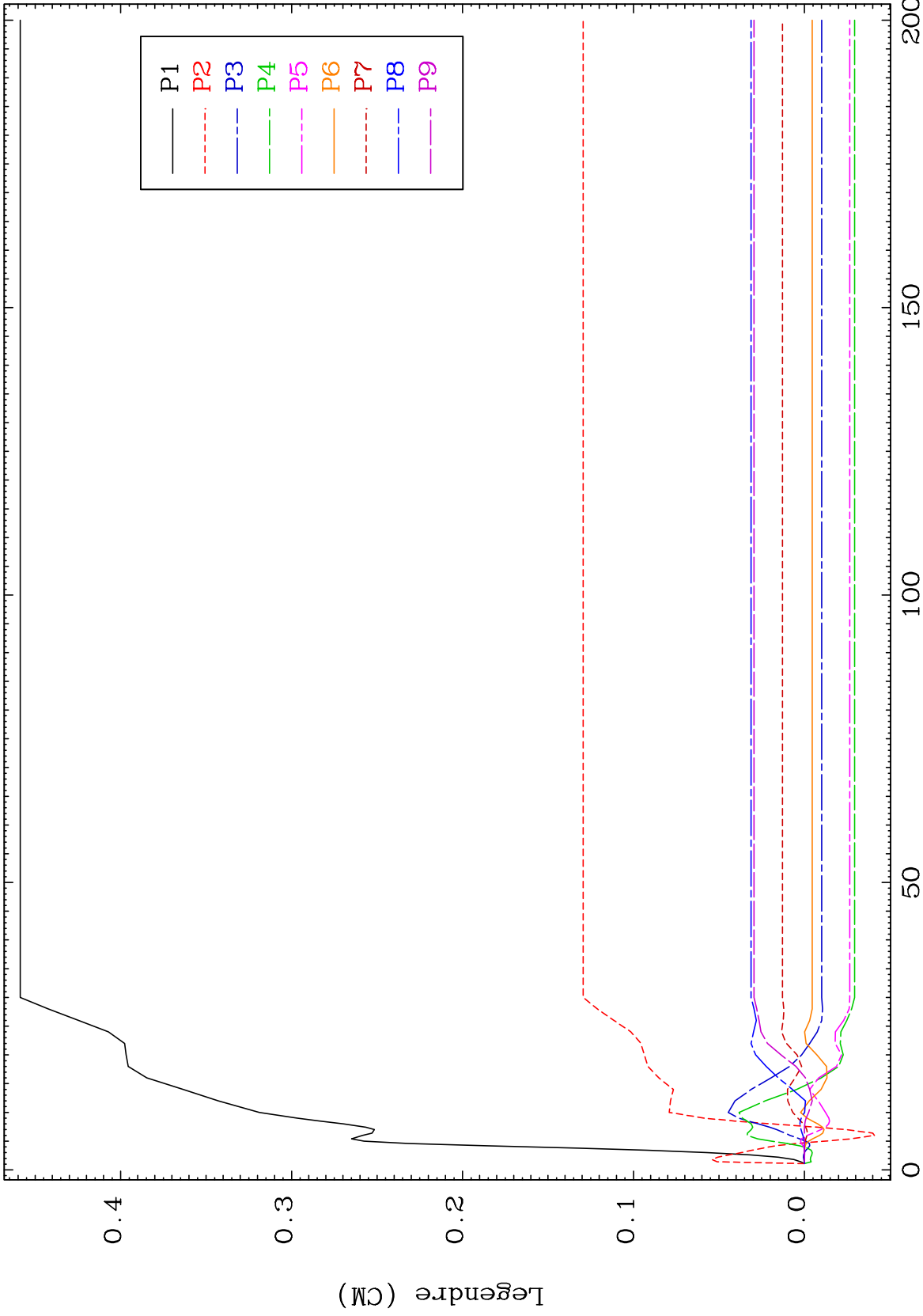
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



38

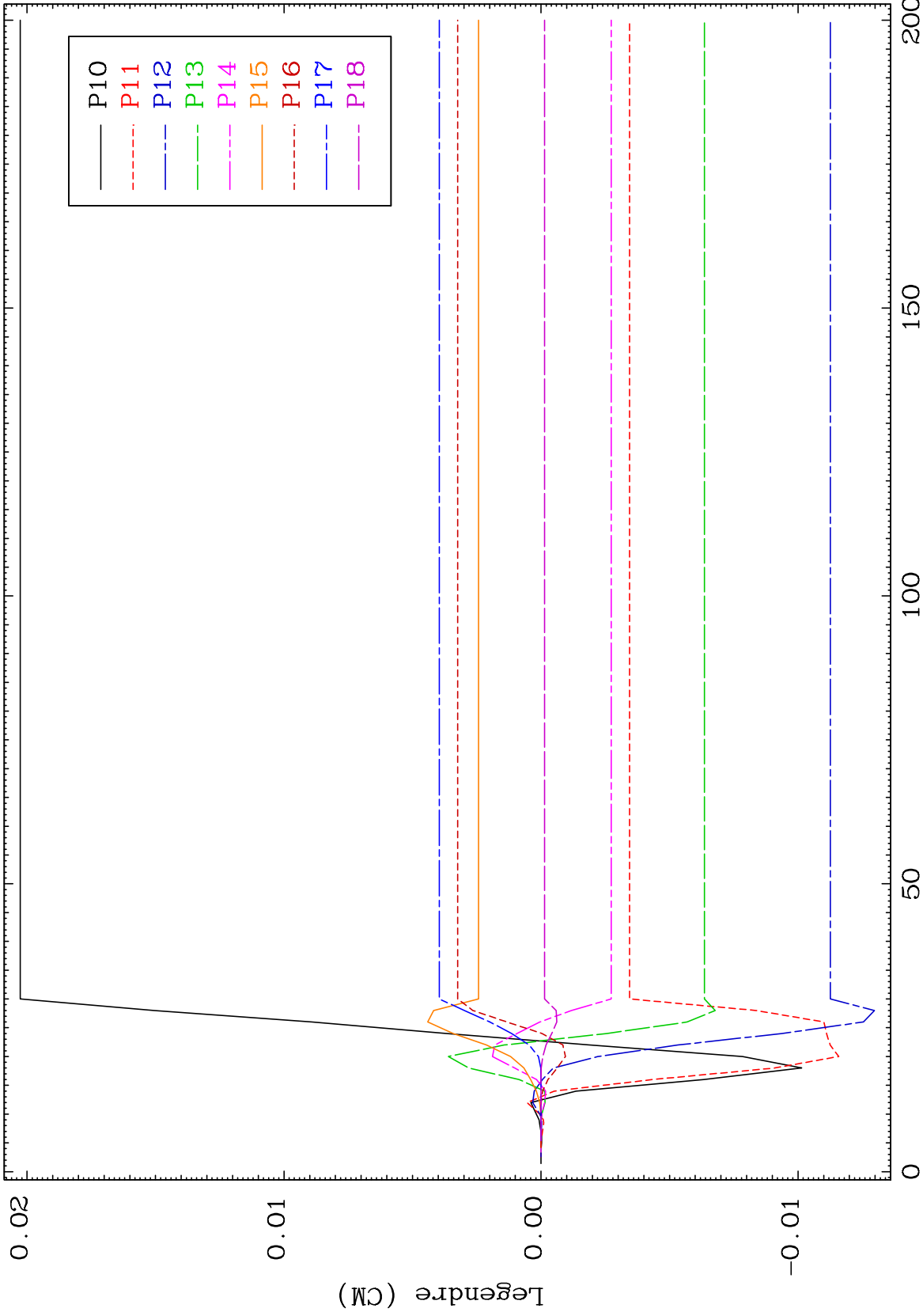
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



39

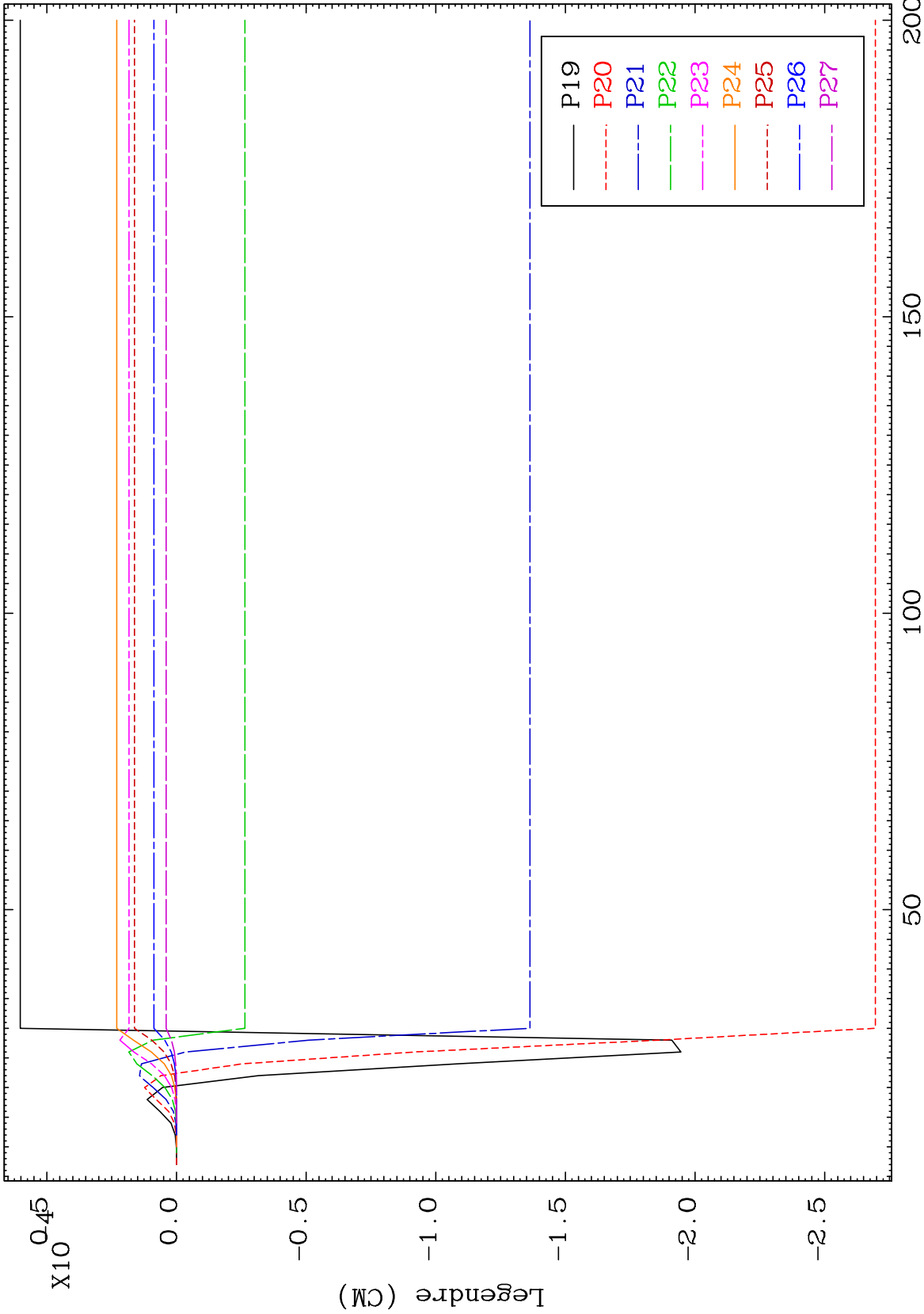
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

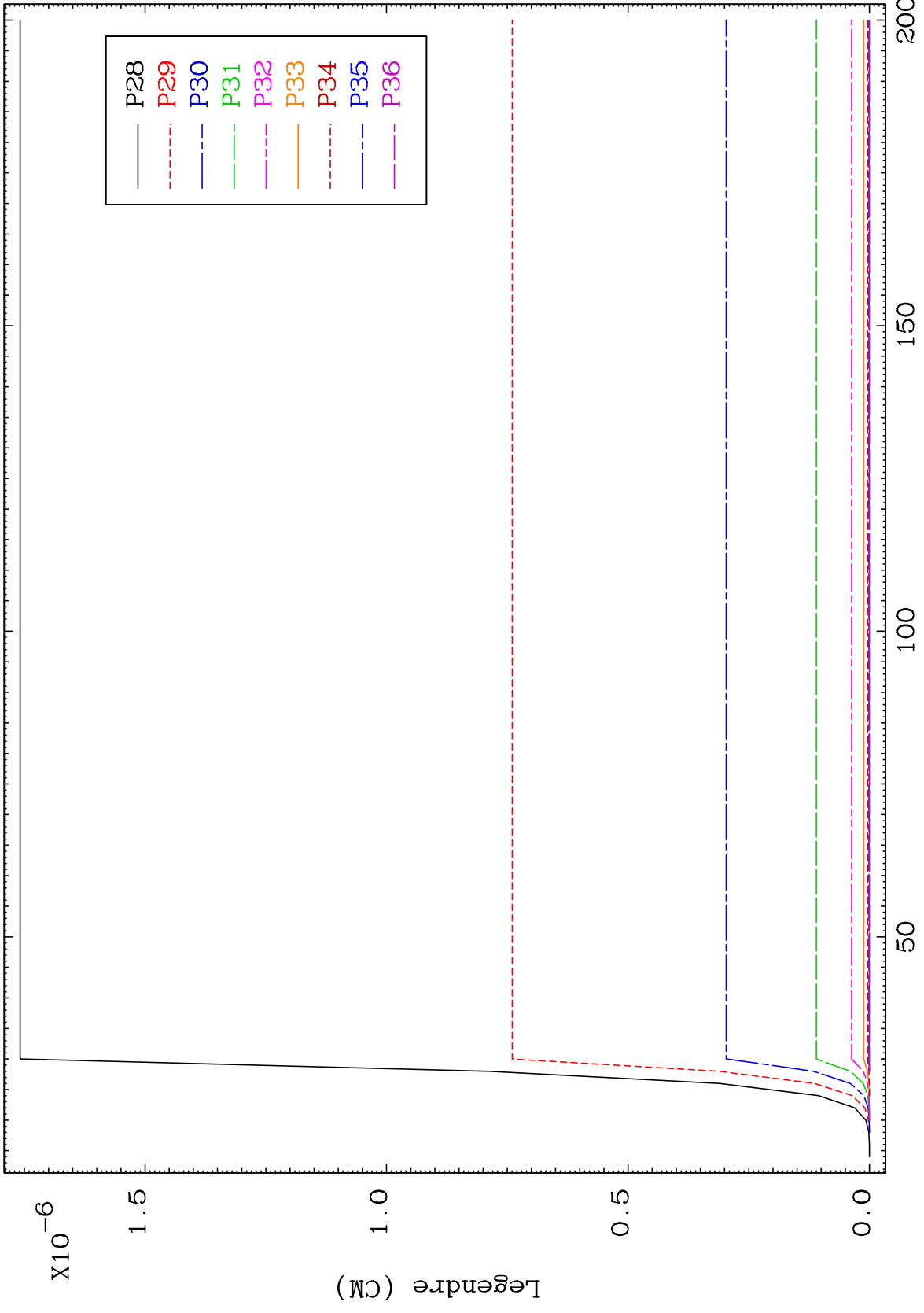
72-Hf-164



40

Incident Energy (MeV)

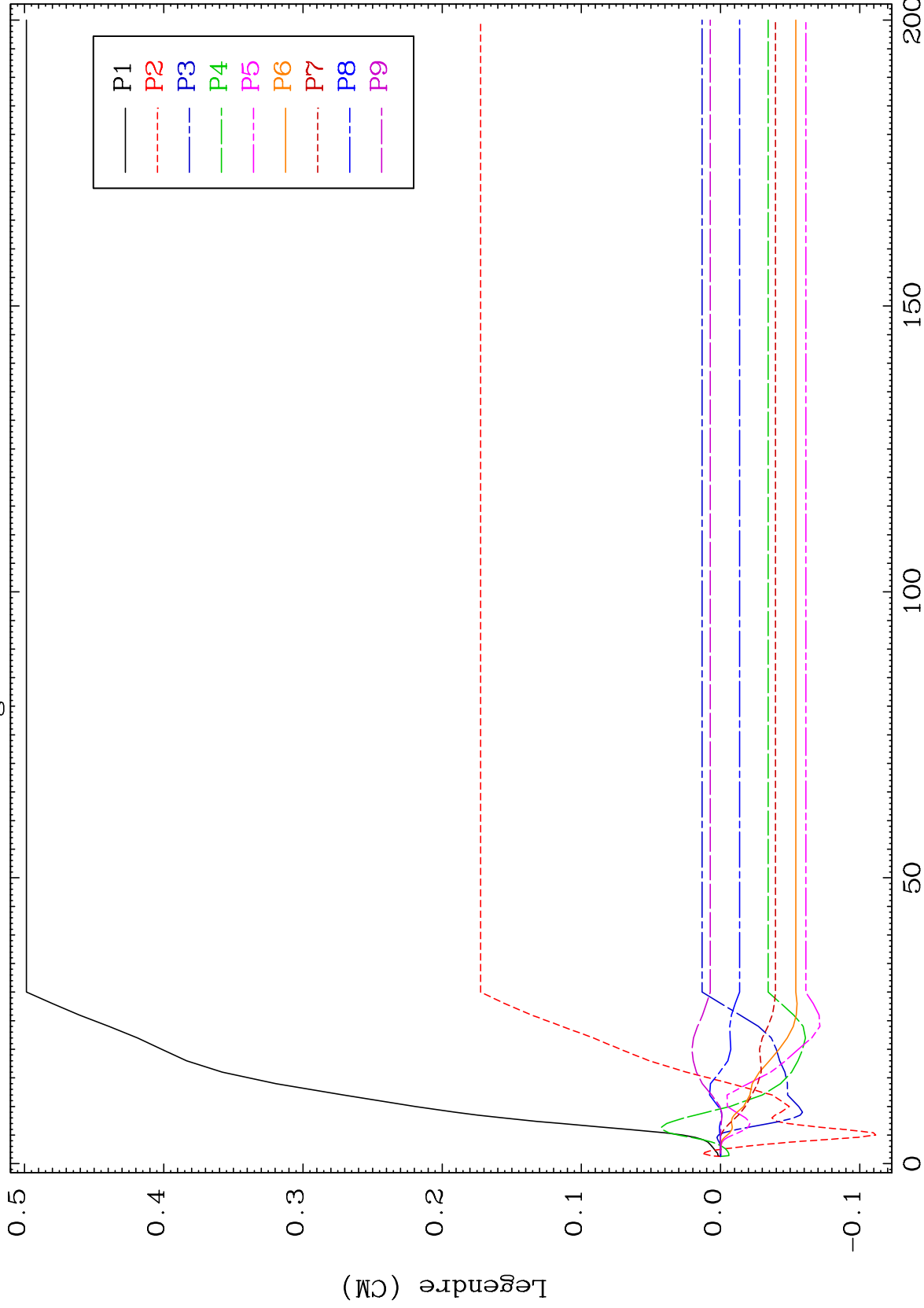
72-Hf-164



MAT 7195

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

72-Hf-164



42

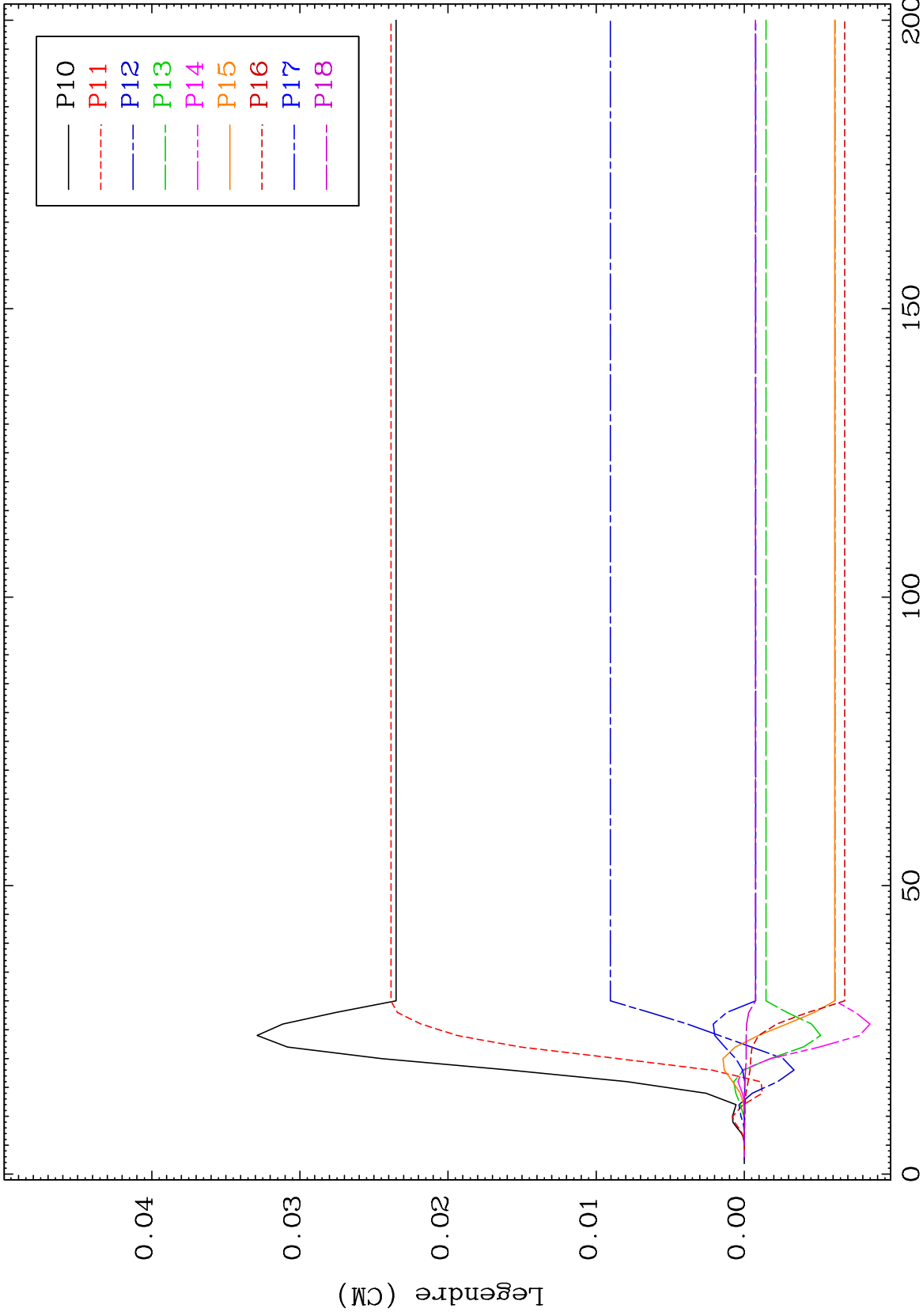
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

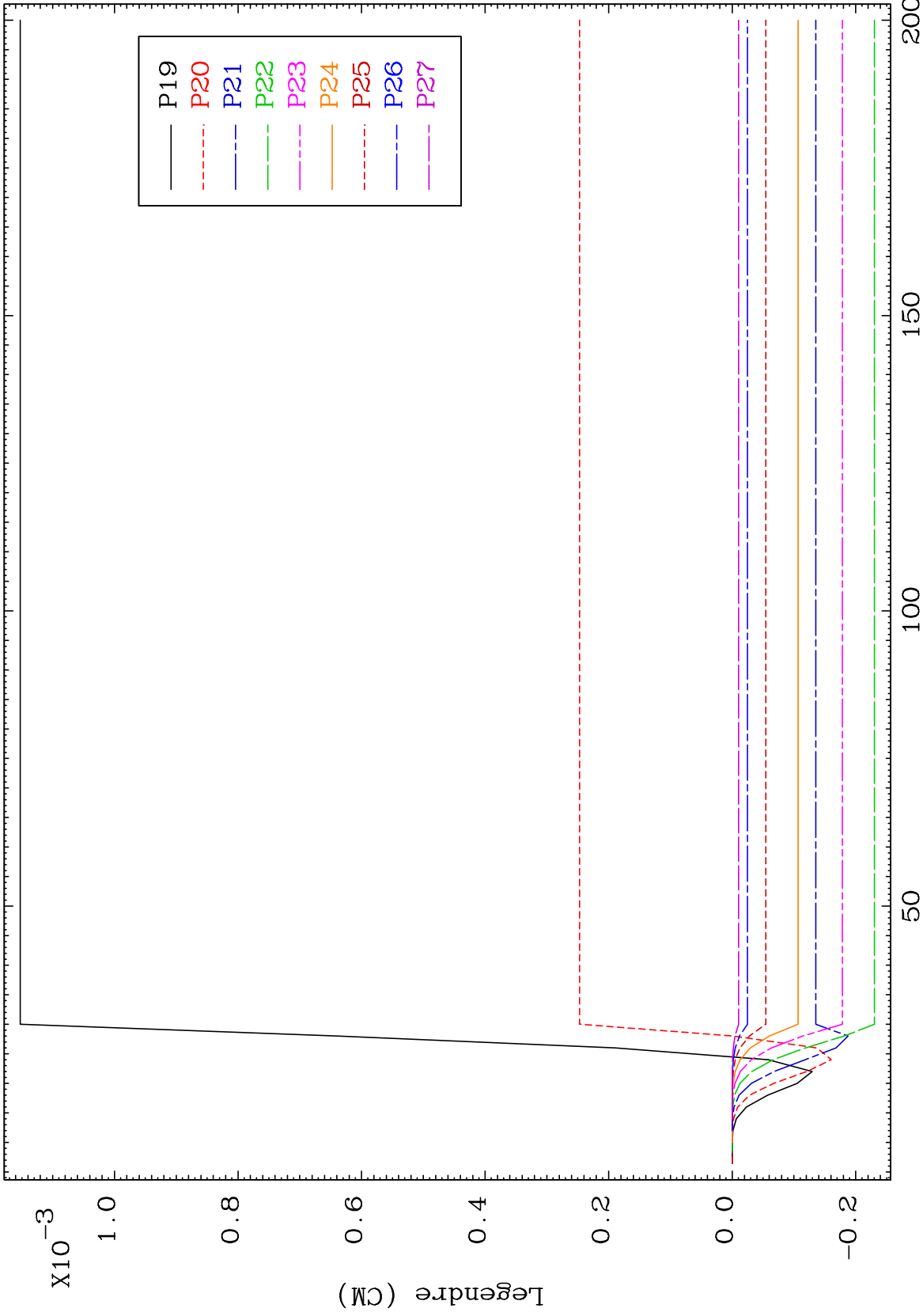
72-Hf-164



43

Incident Energy (MeV)

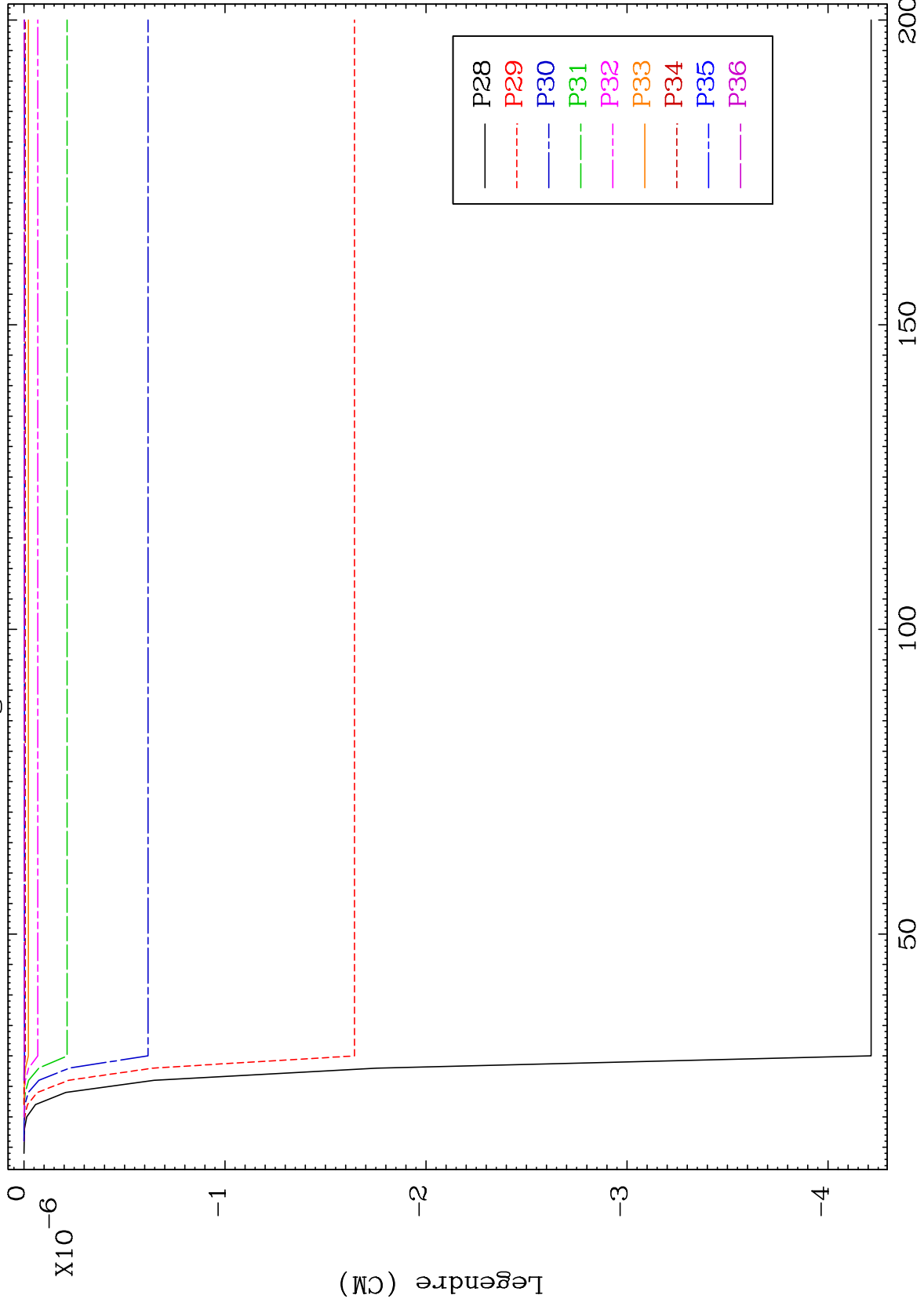
72-Hf-164



MAT 7195

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

72-Hf-164



72-Hf-164

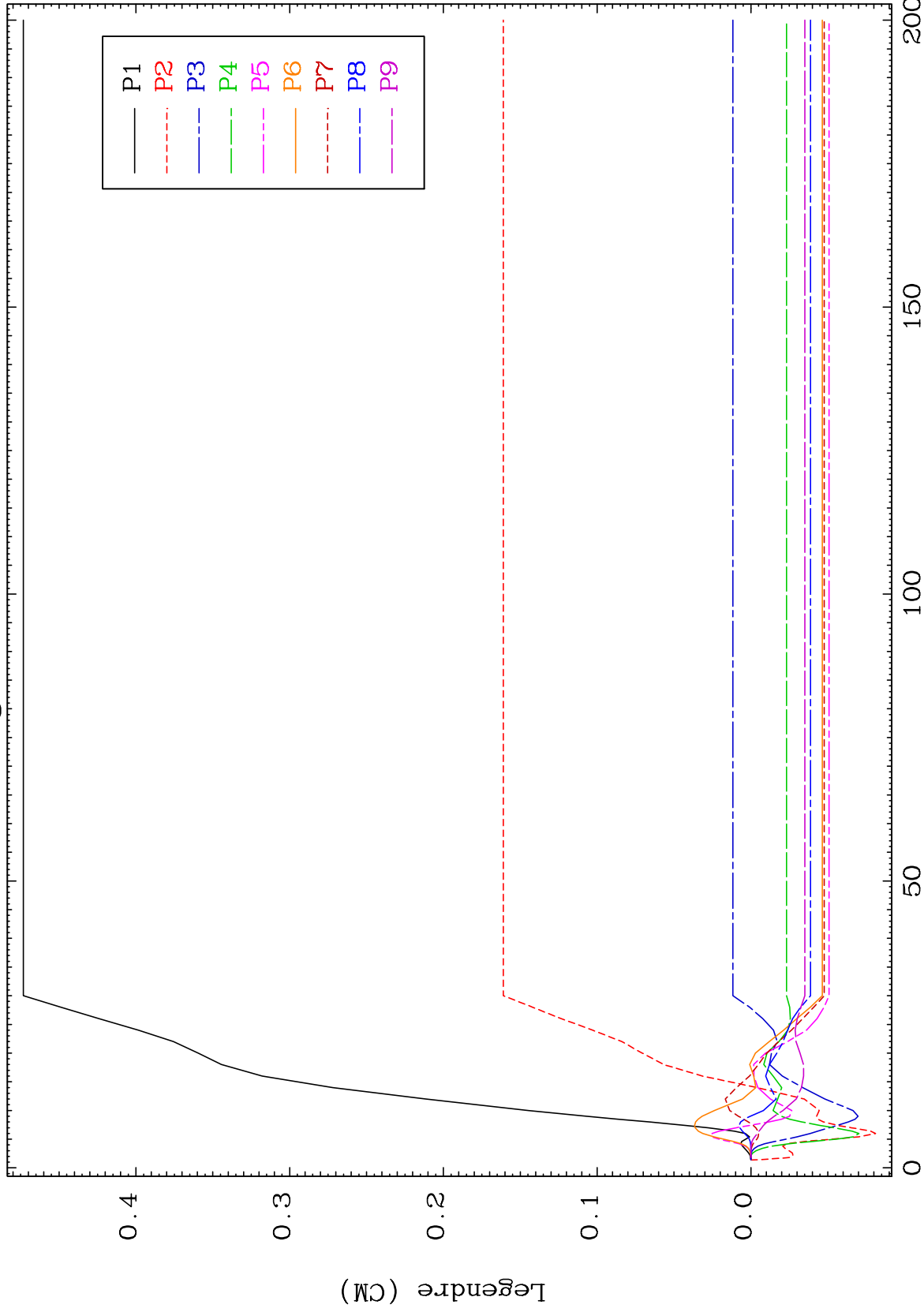
Incident Energy (MeV)

45

MAT 7195

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

72-Hf-164



46

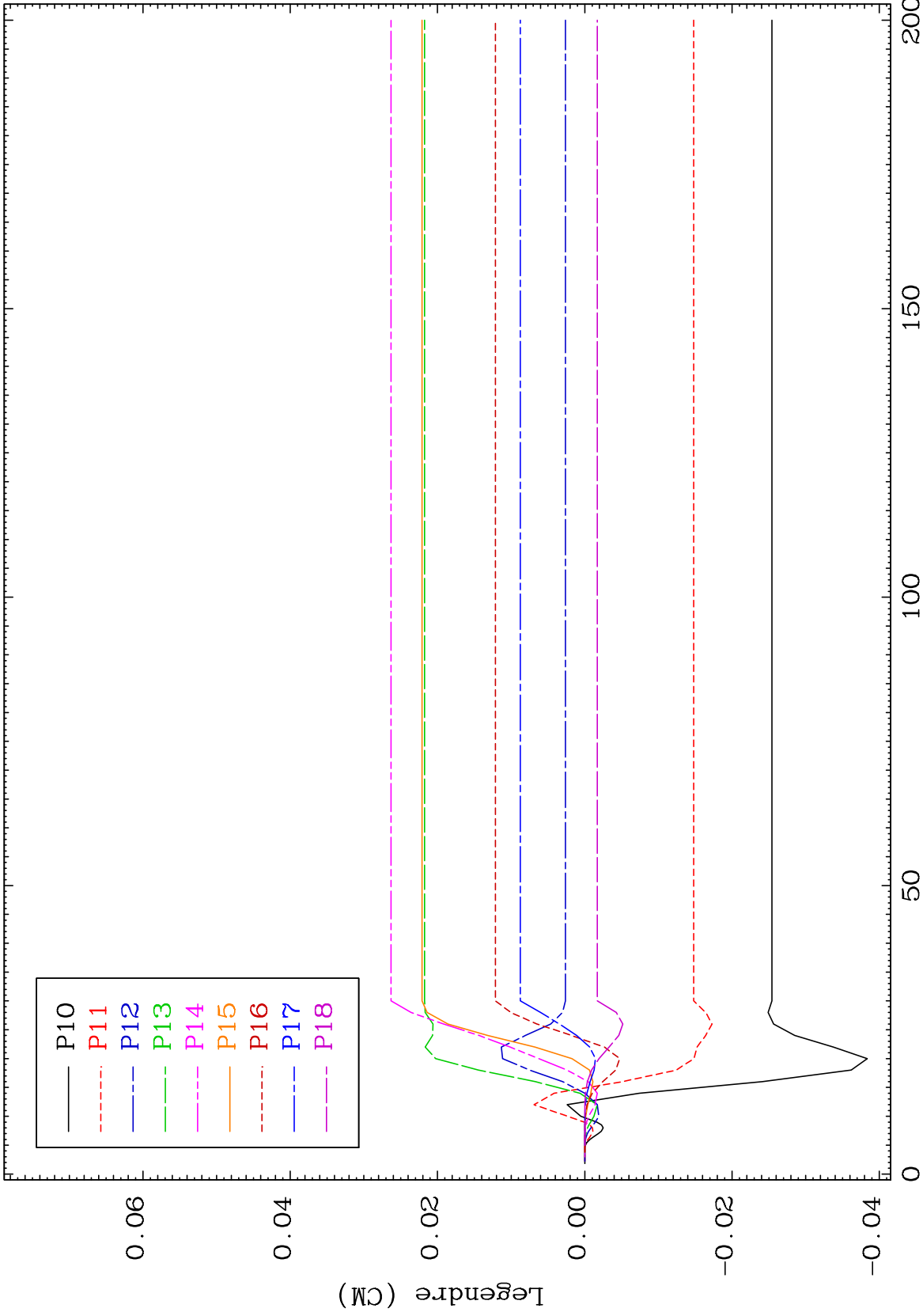
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



47

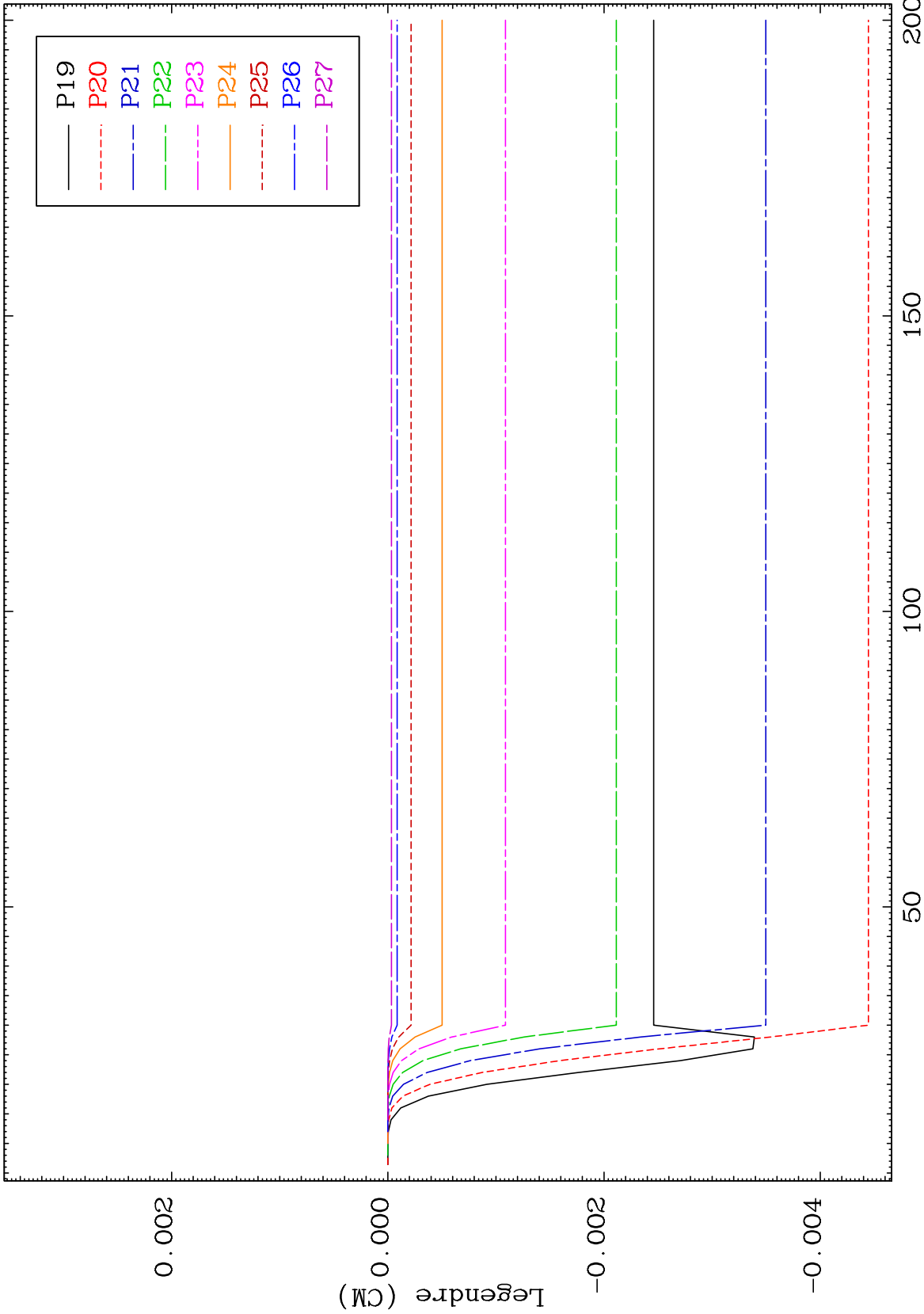
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



48

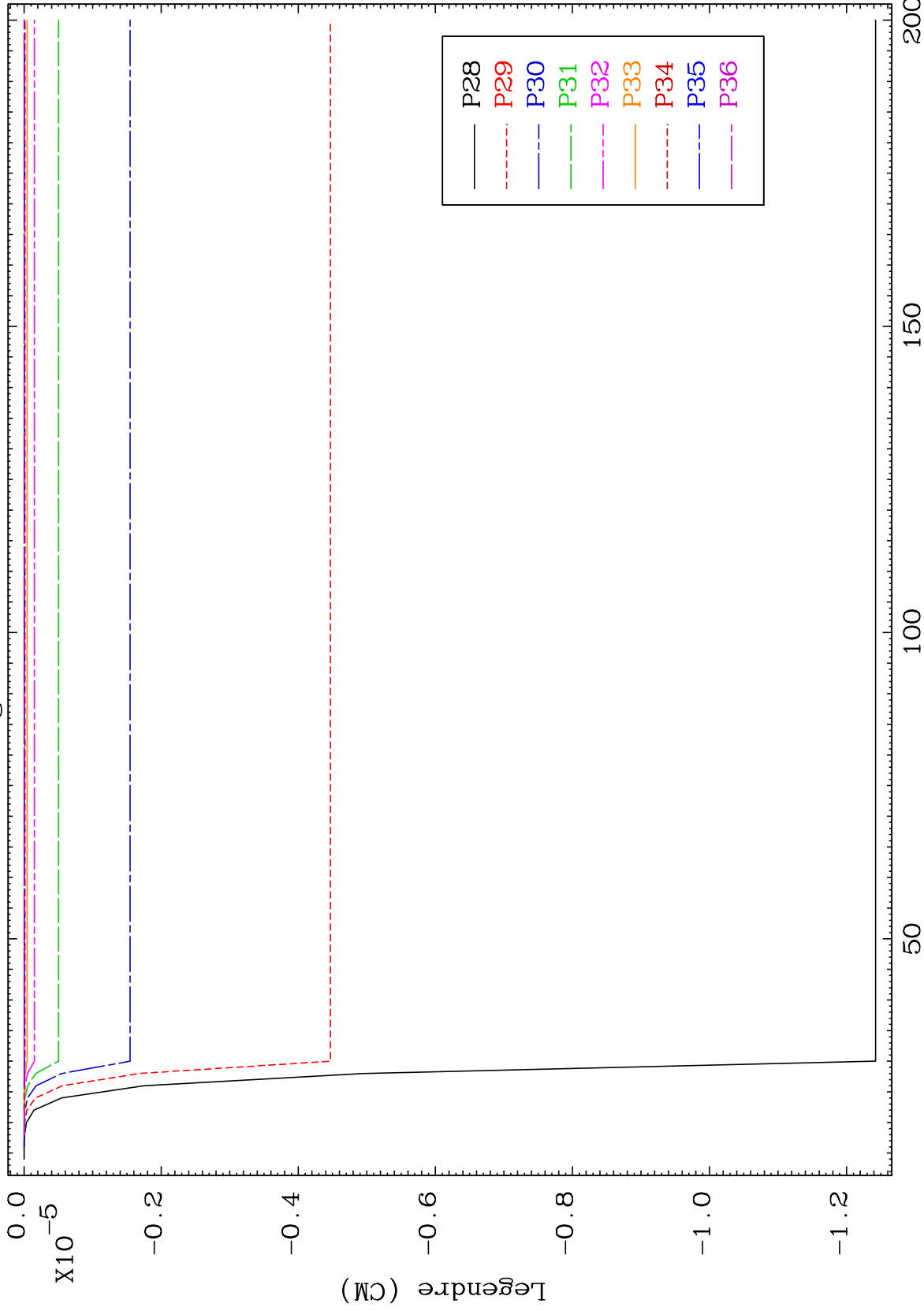
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



49

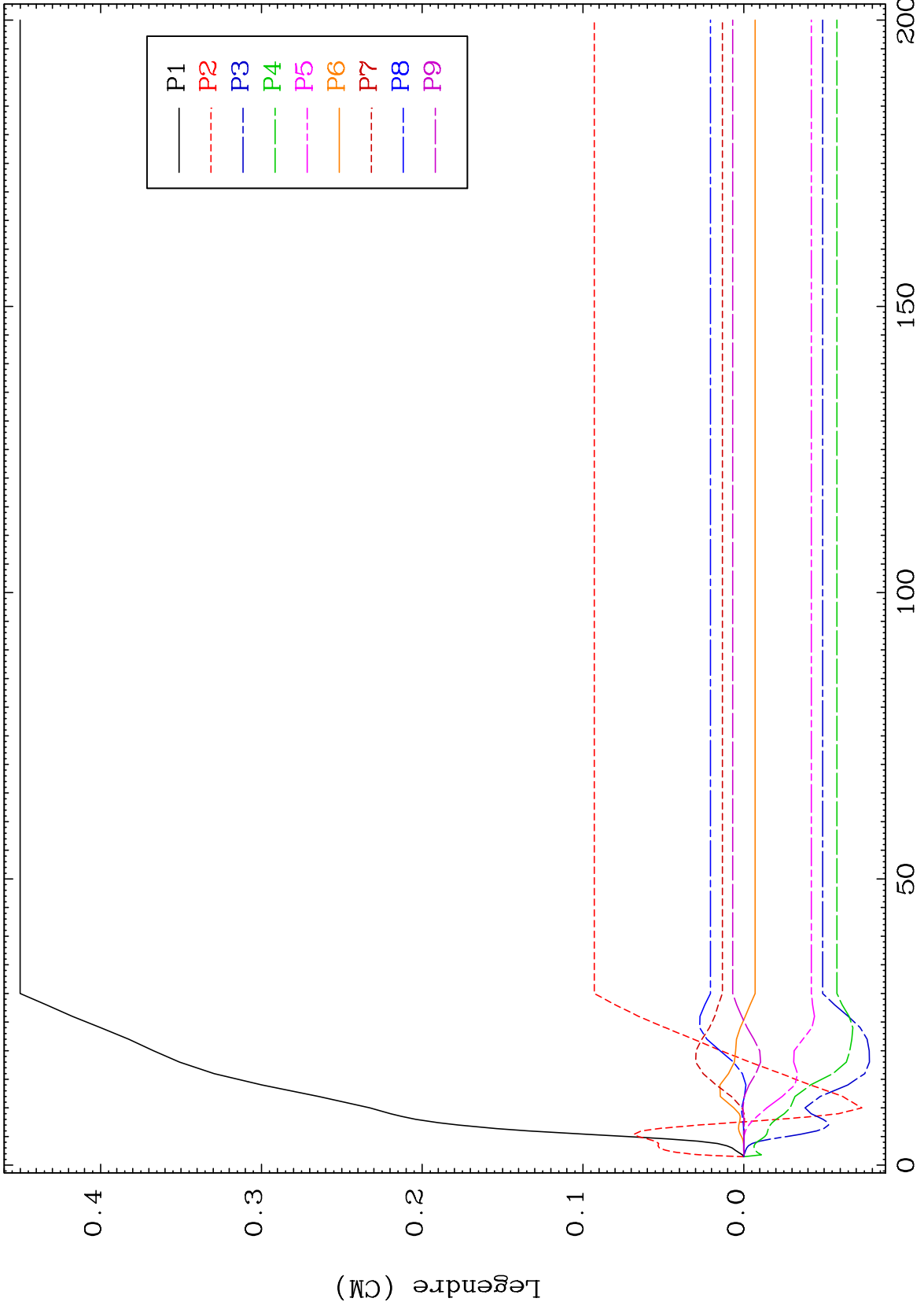
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



72-Hf-164

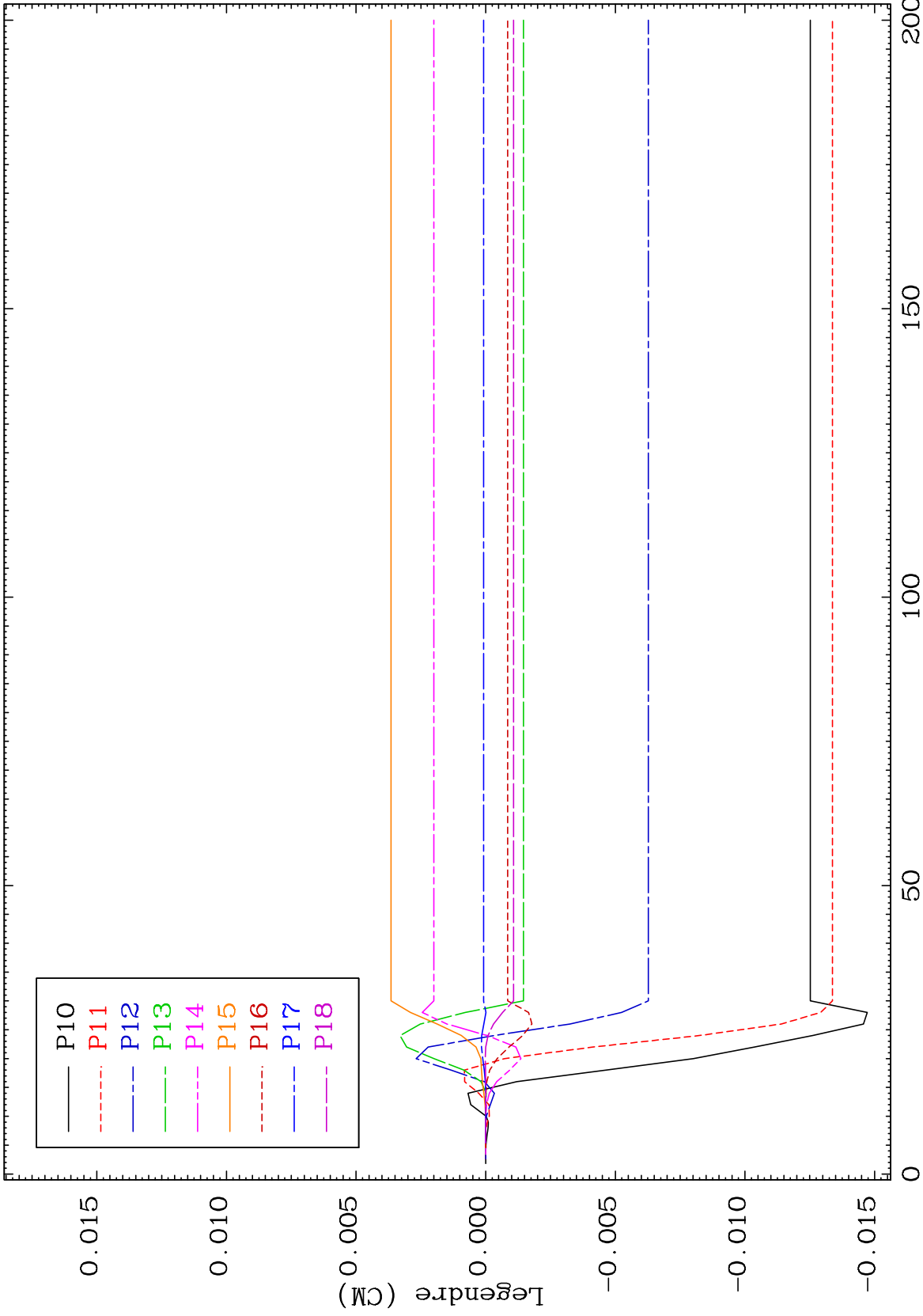
Incident Energy (MeV)

50

MAT 7195

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

72-Hf-164



51

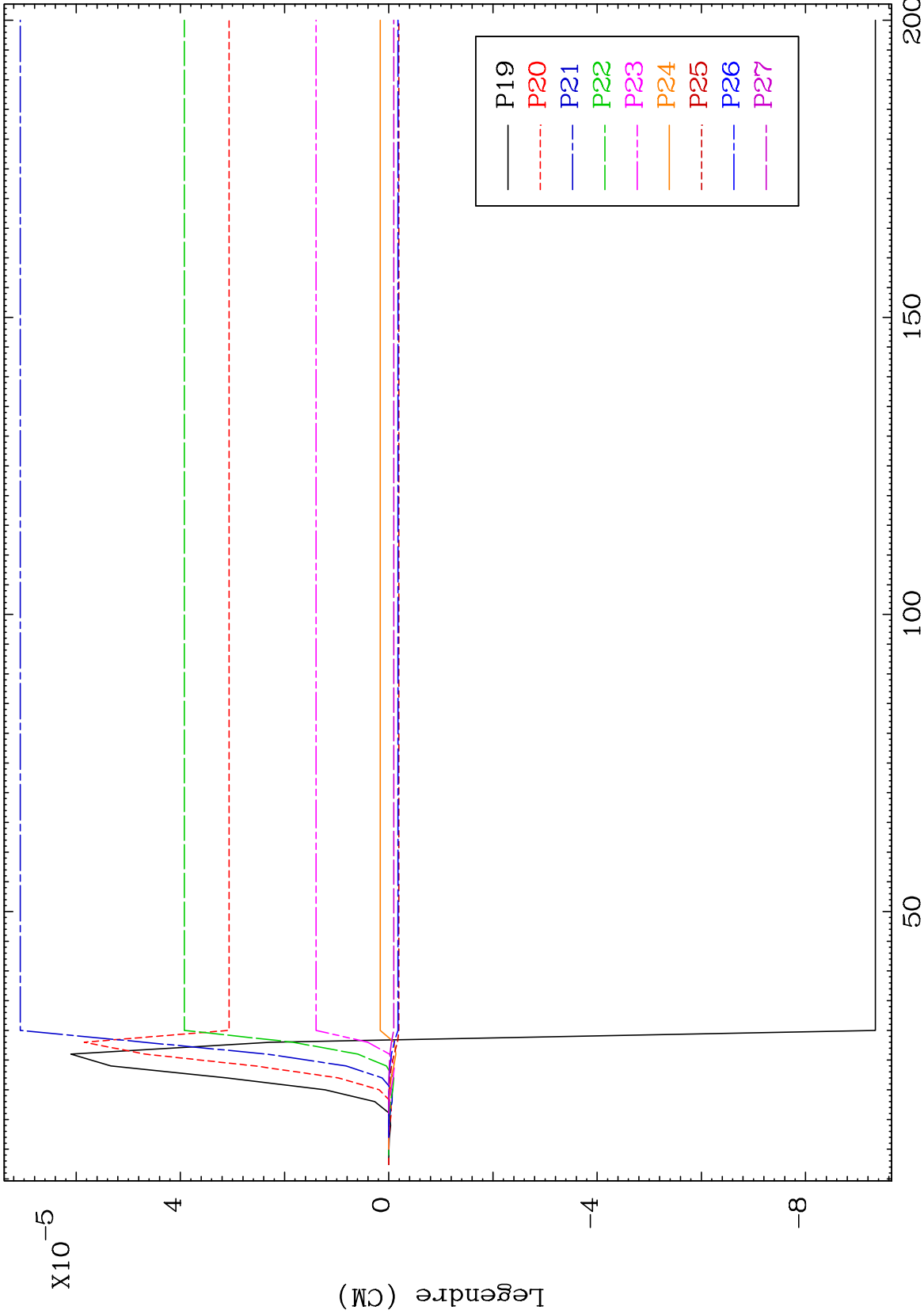
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



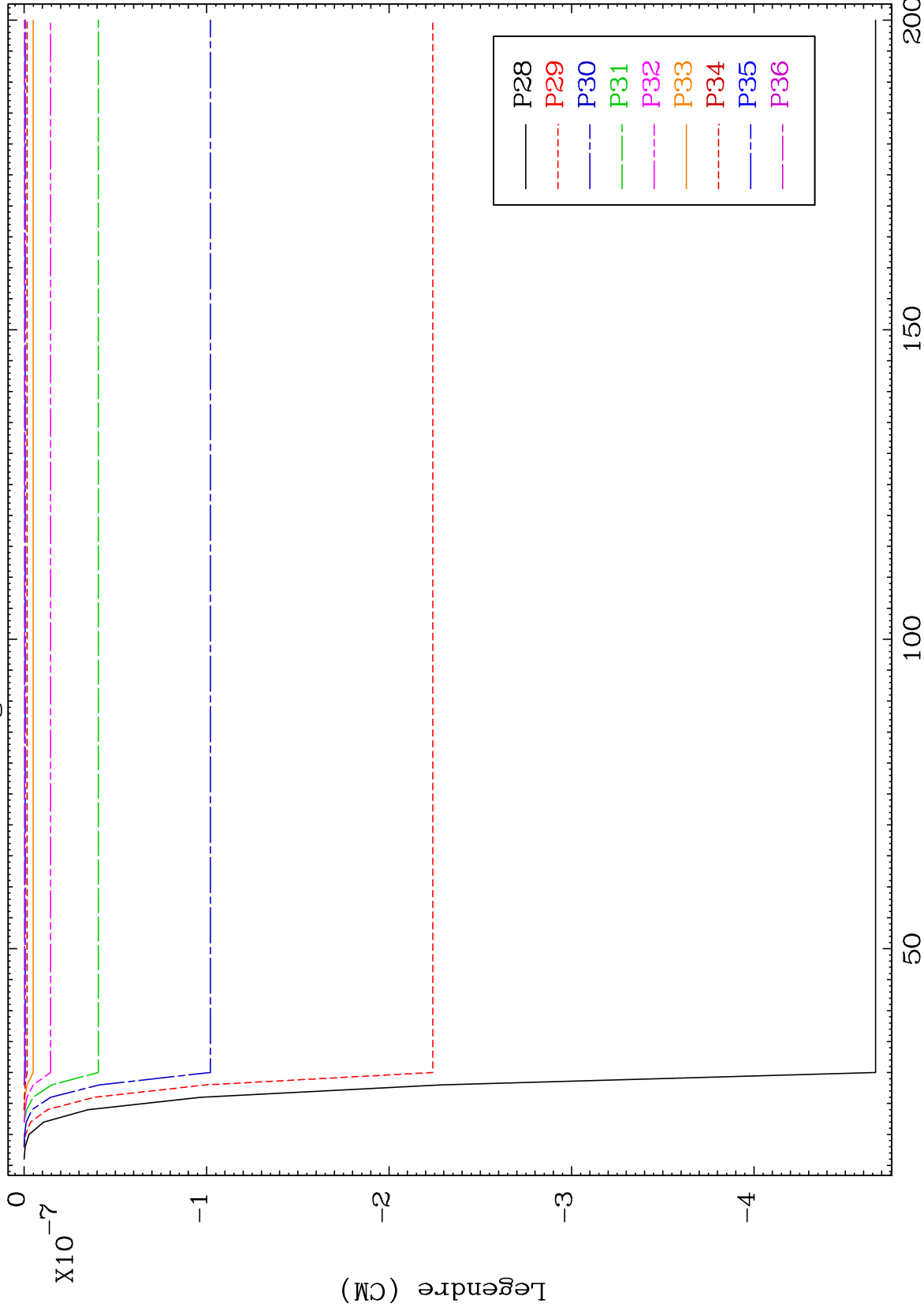
52

72-Hf-164

MAT 7195

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

72-Hf-164



53

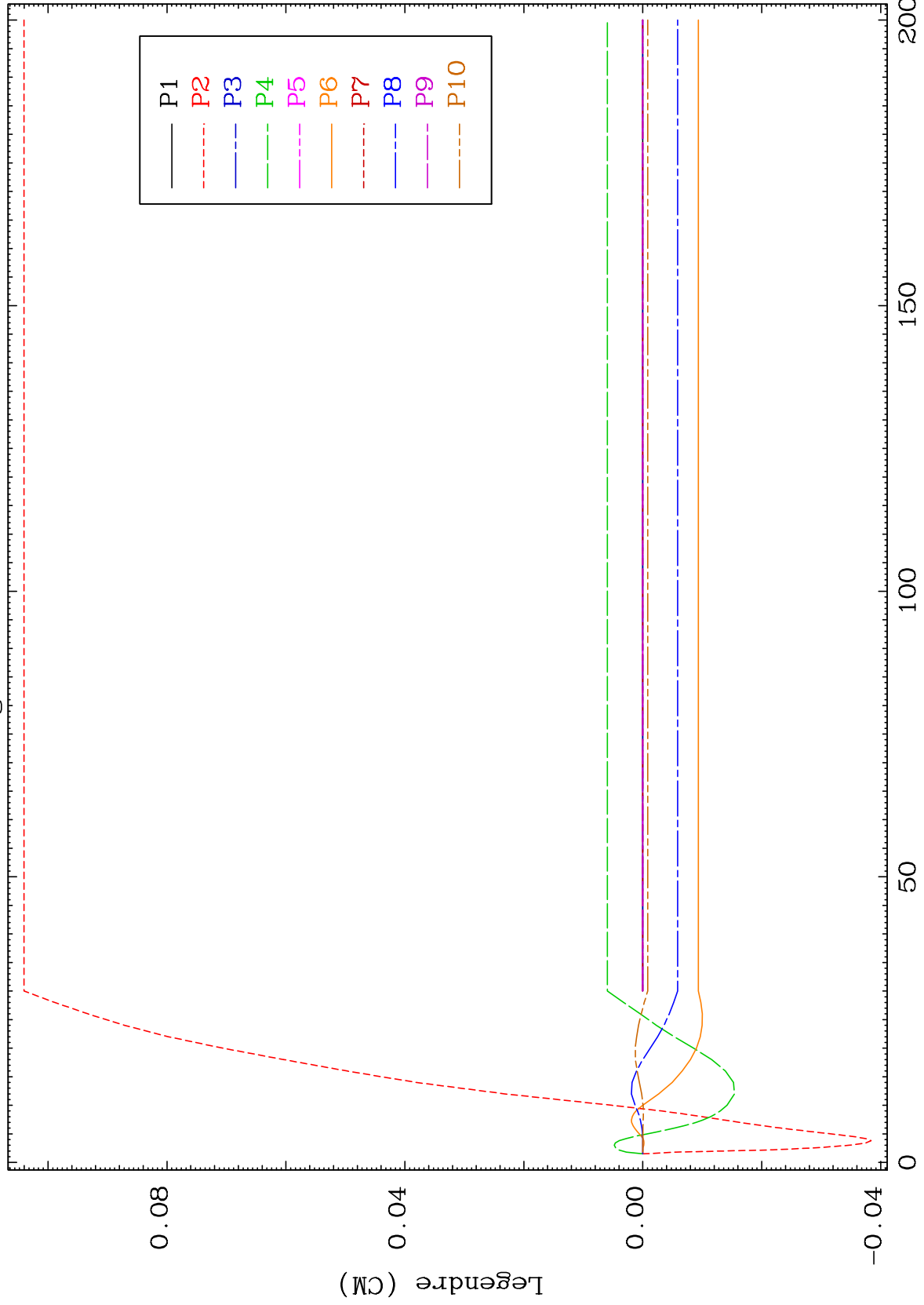
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



54

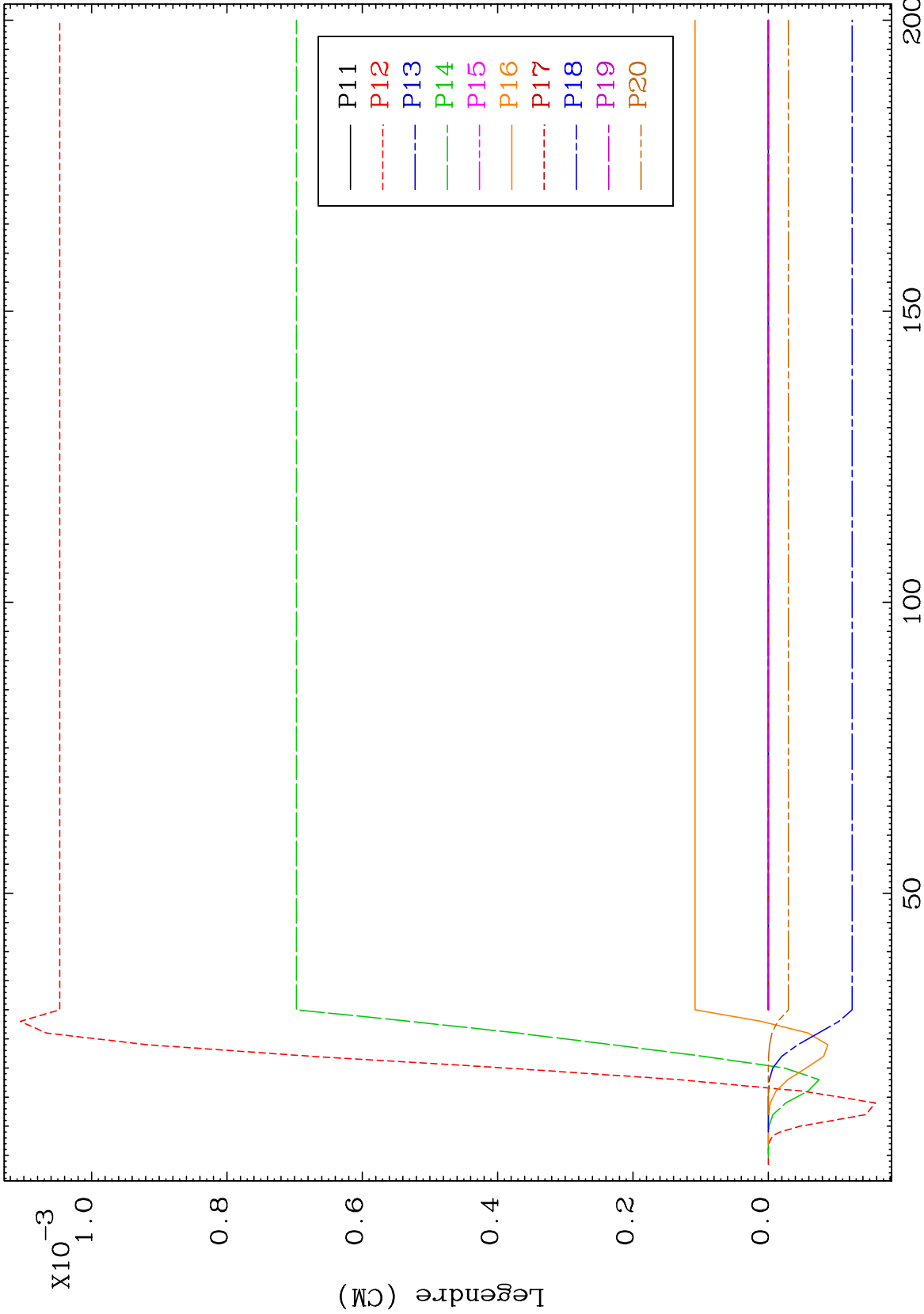
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



55

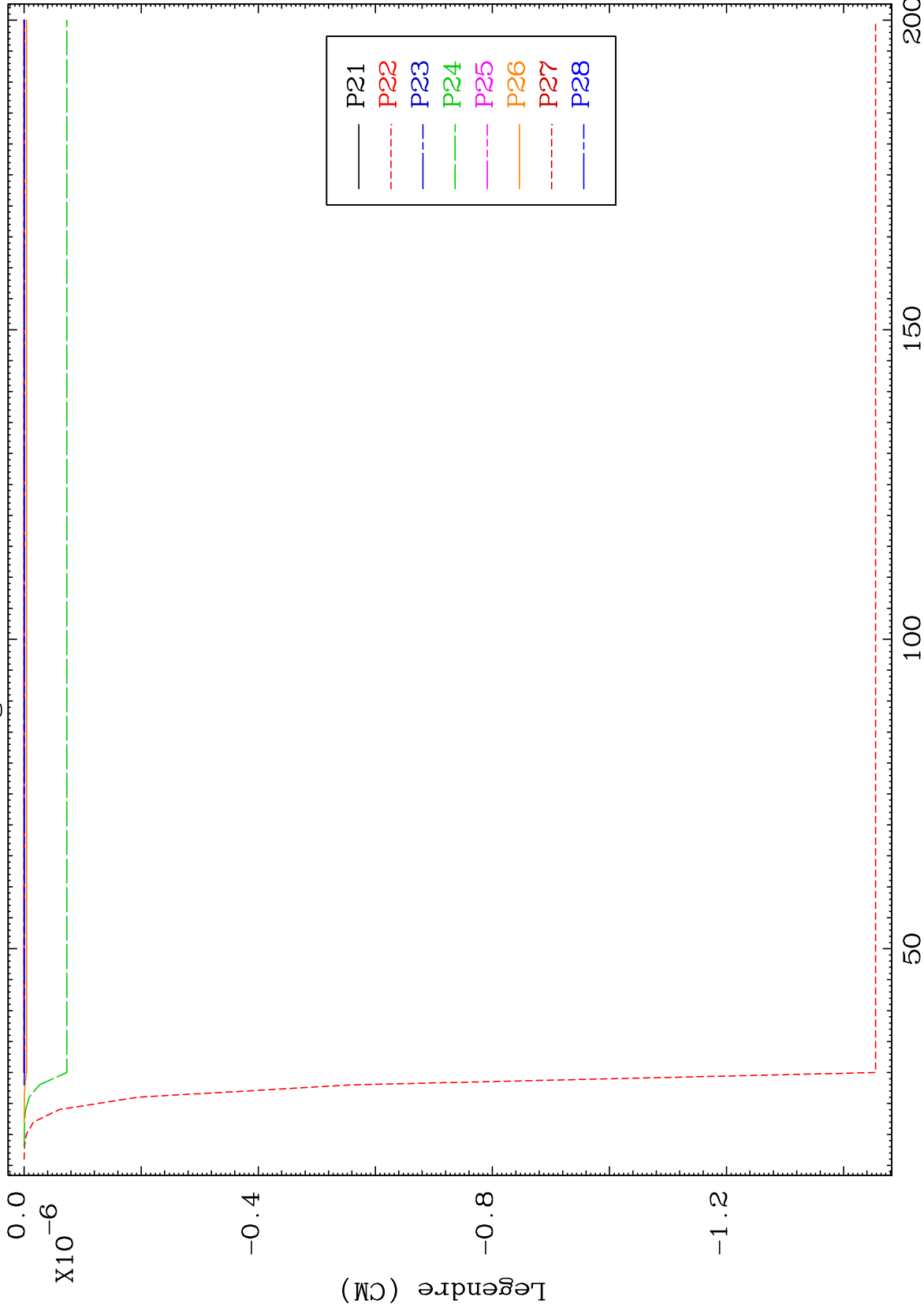
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



56

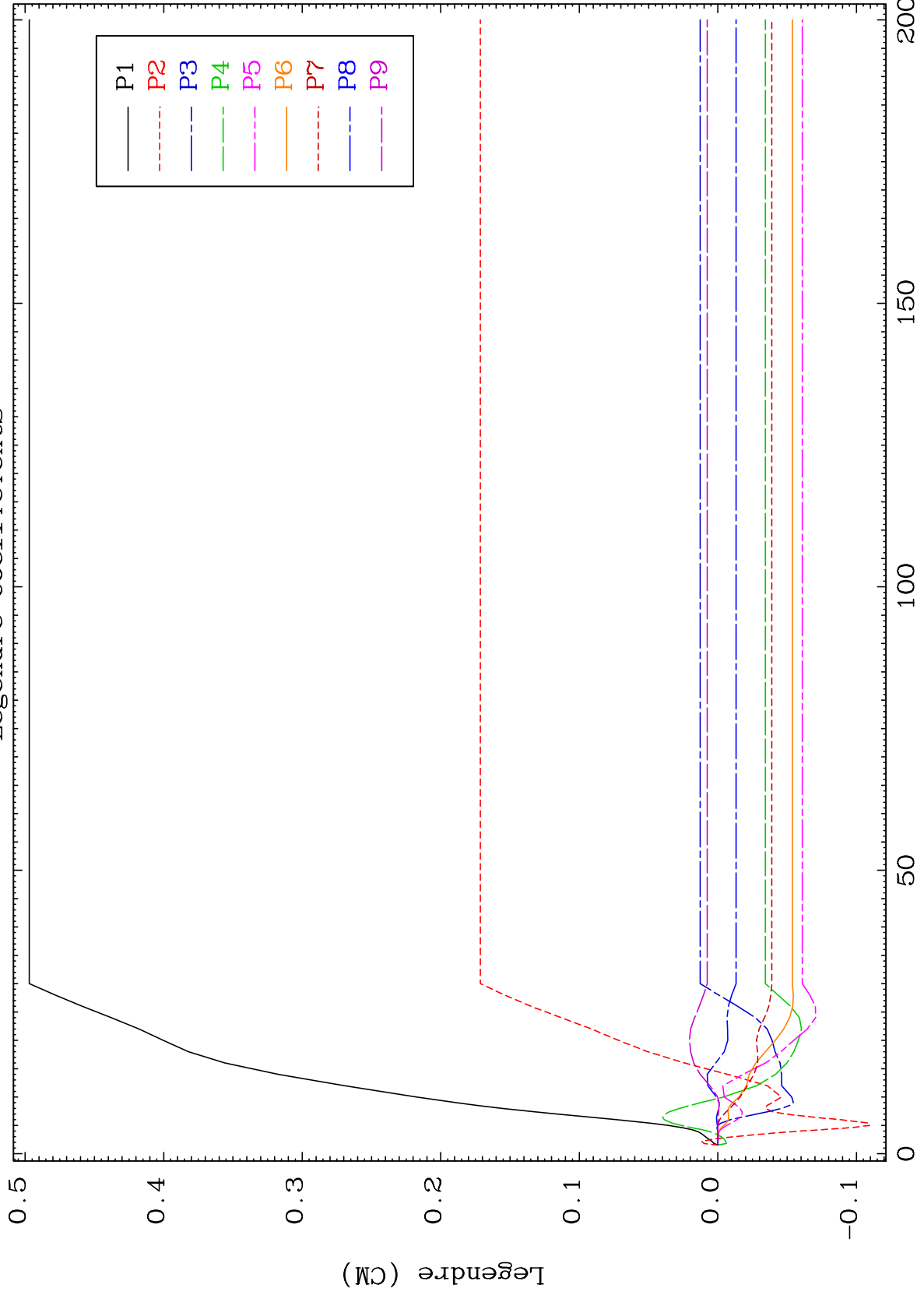
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



57

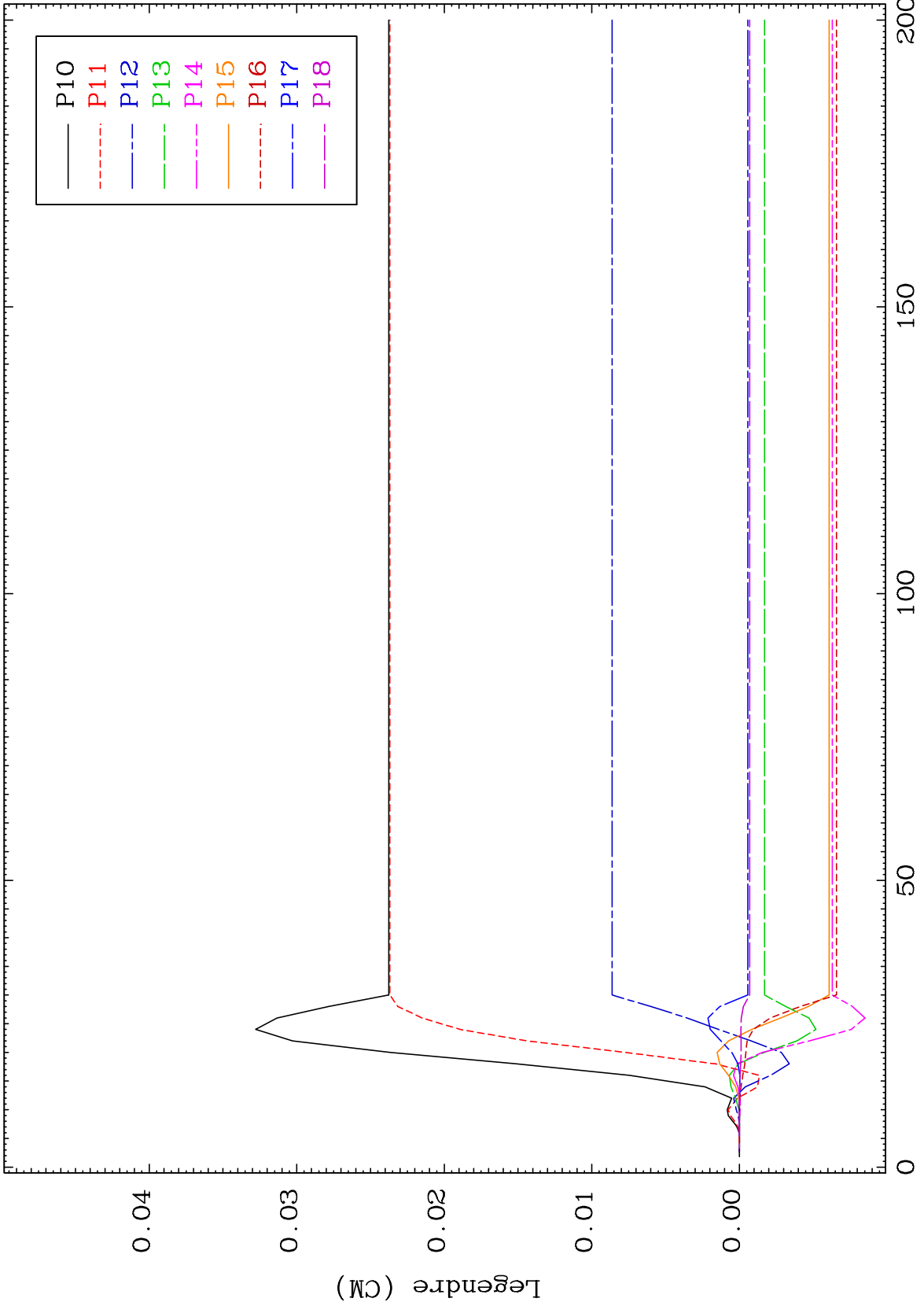
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



58

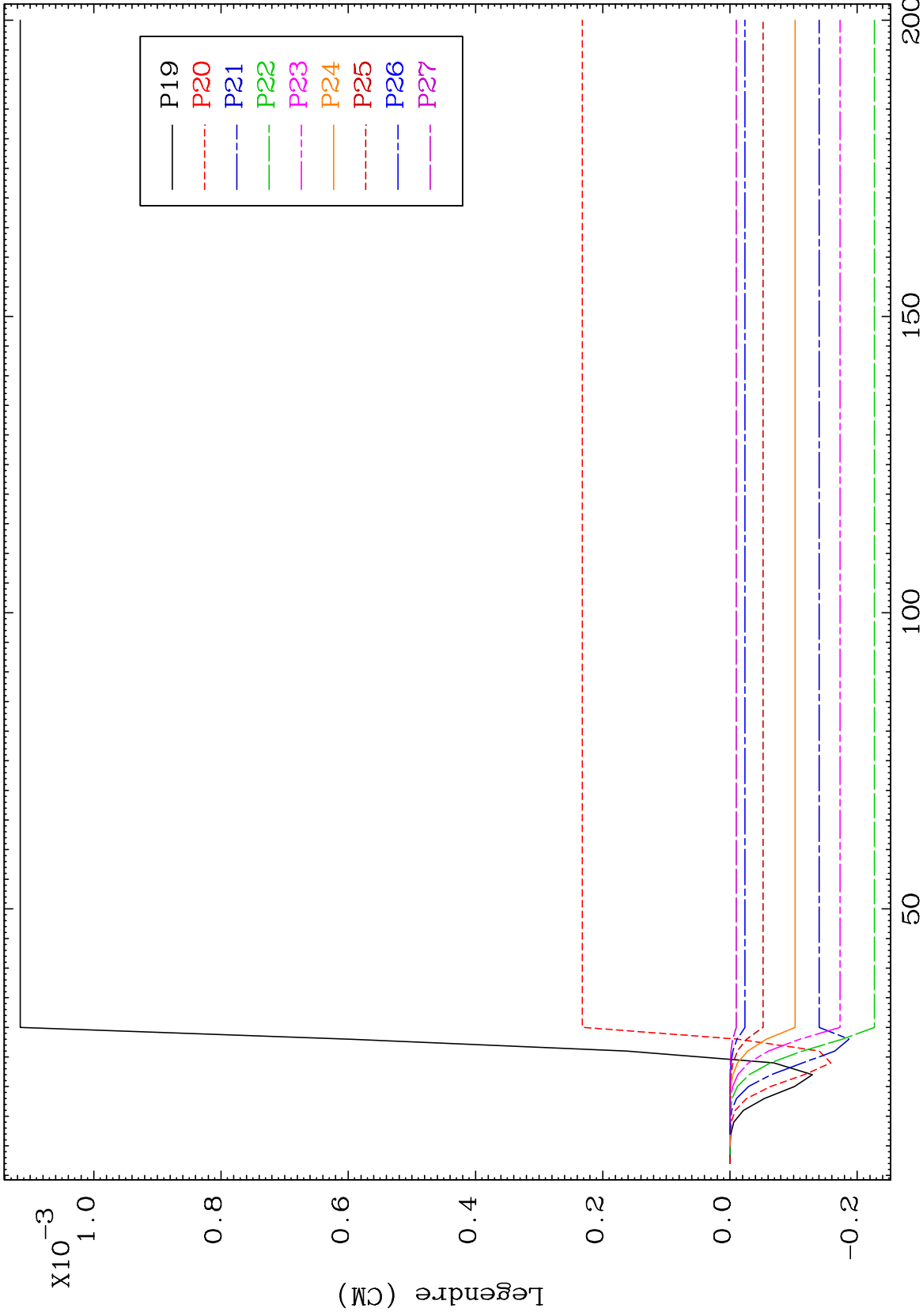
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



59

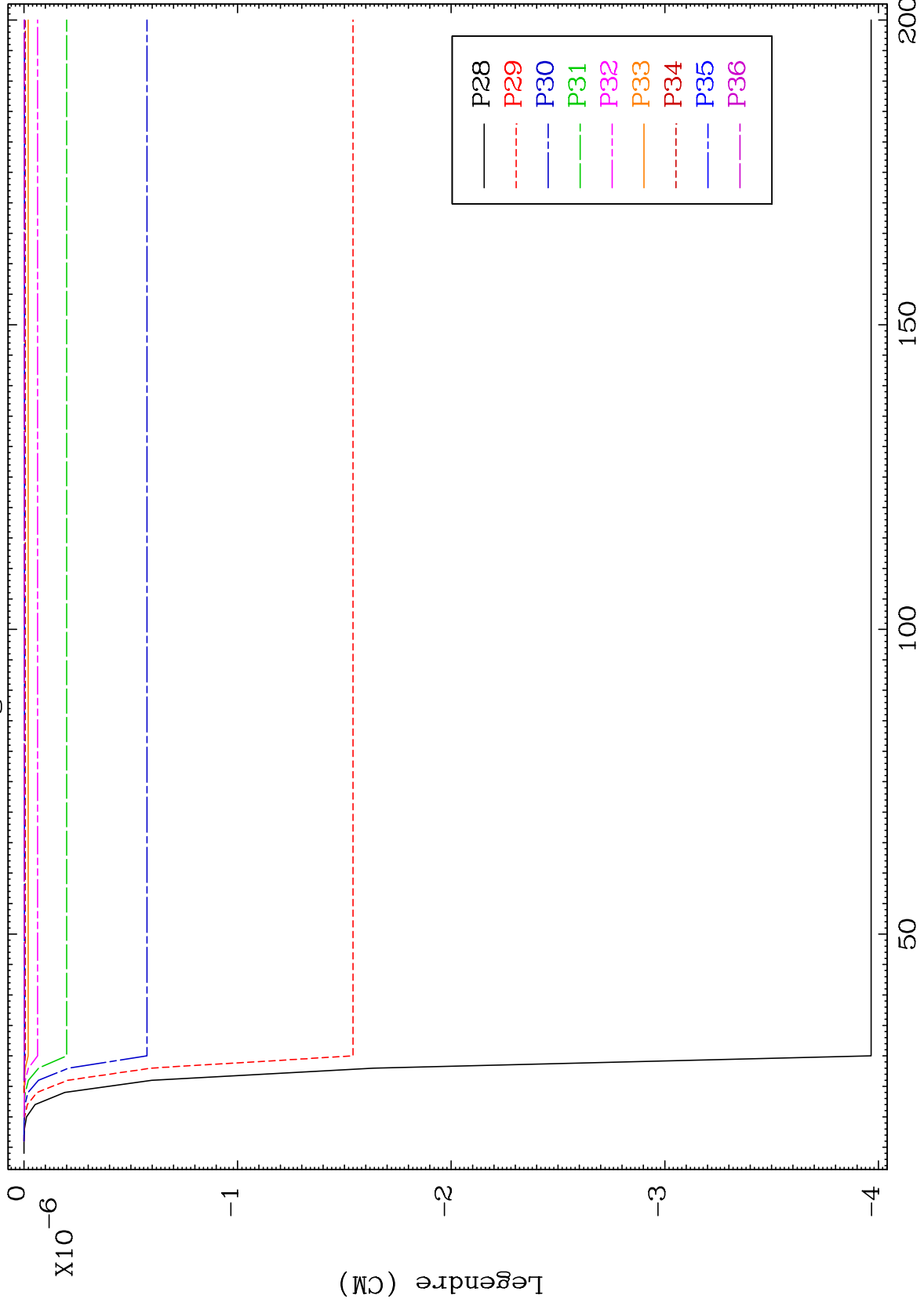
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



72-Hf-164

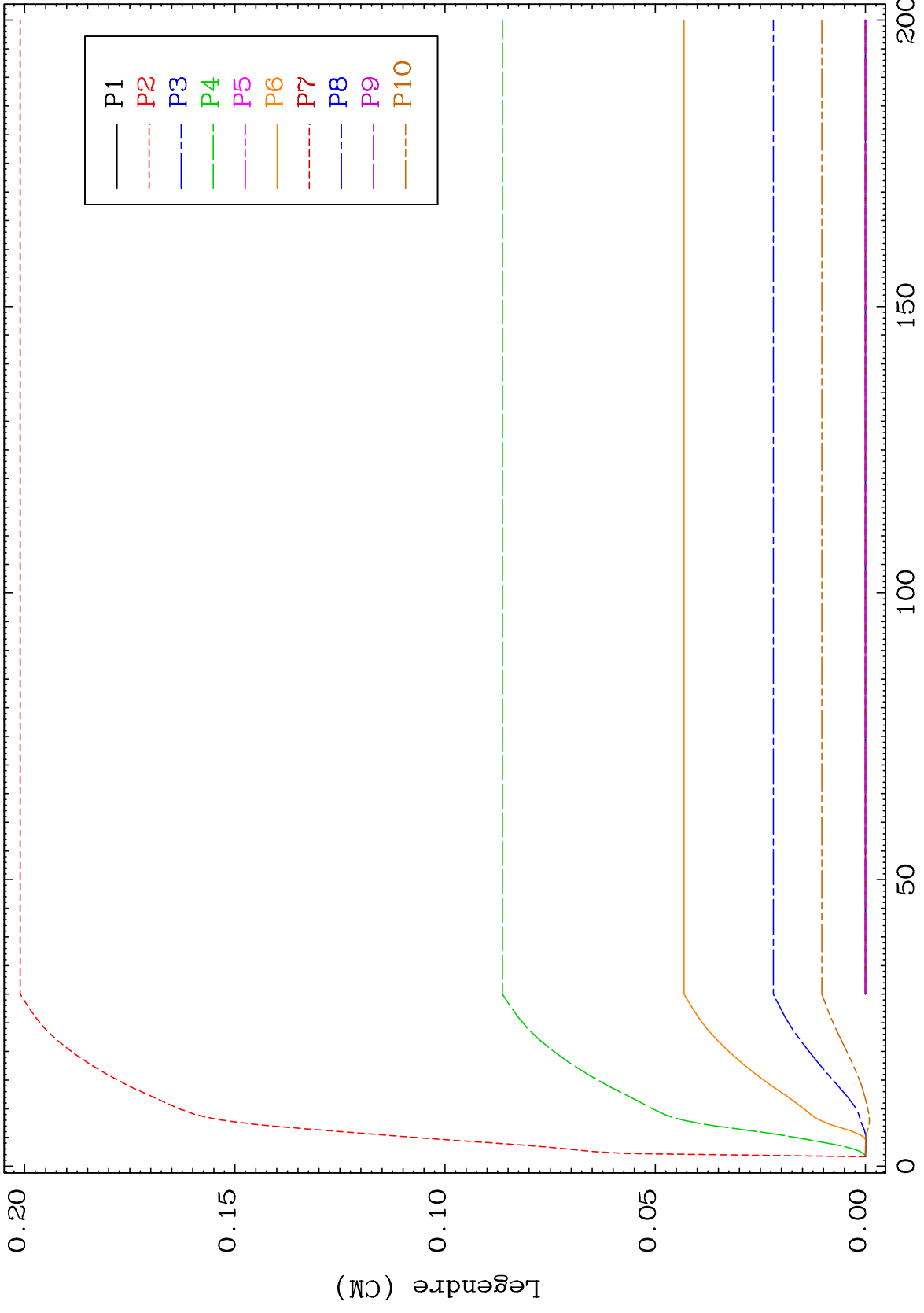
Incident Energy (MeV)

60

MAT 7195

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

72-Hf-164



61

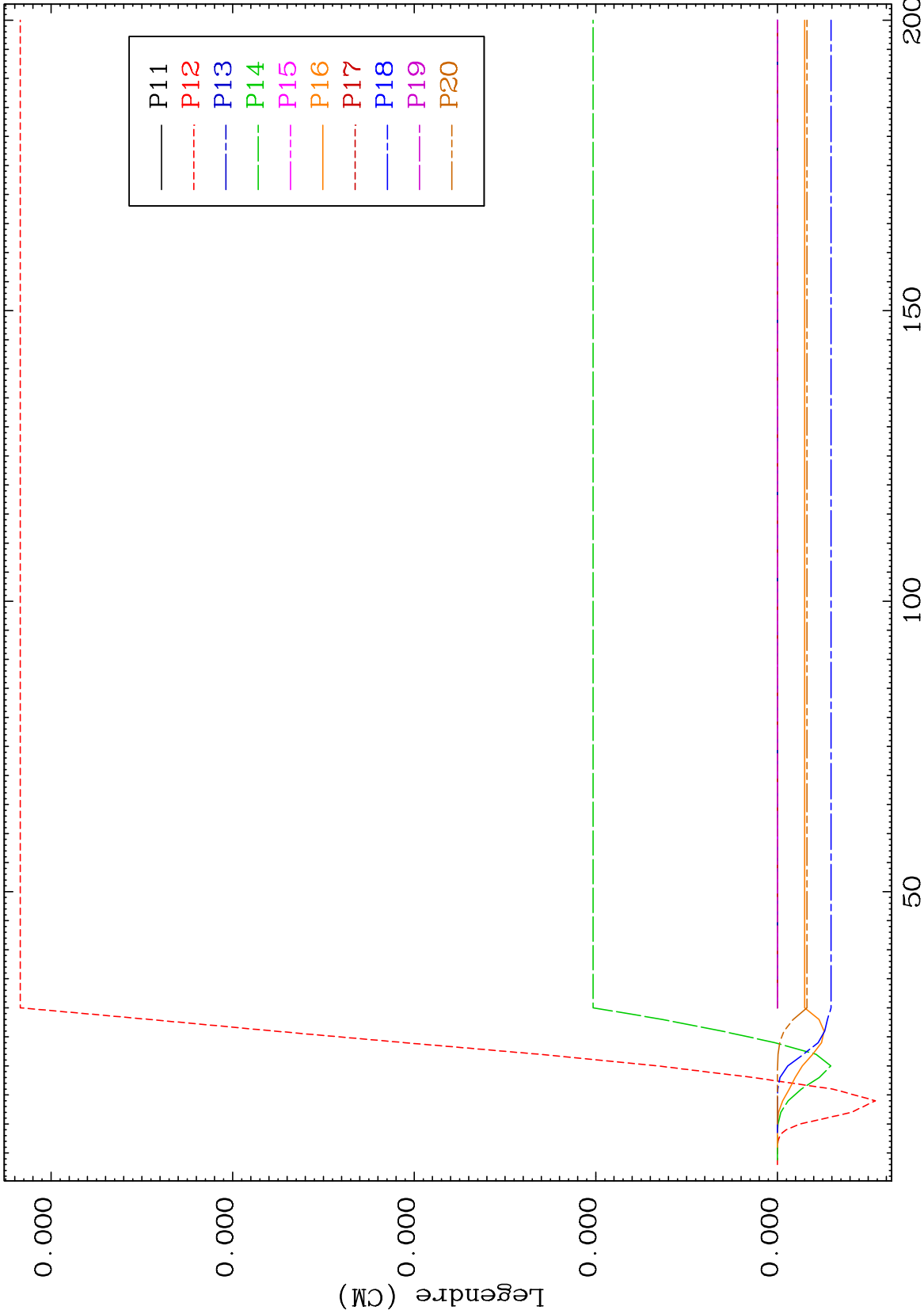
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



62

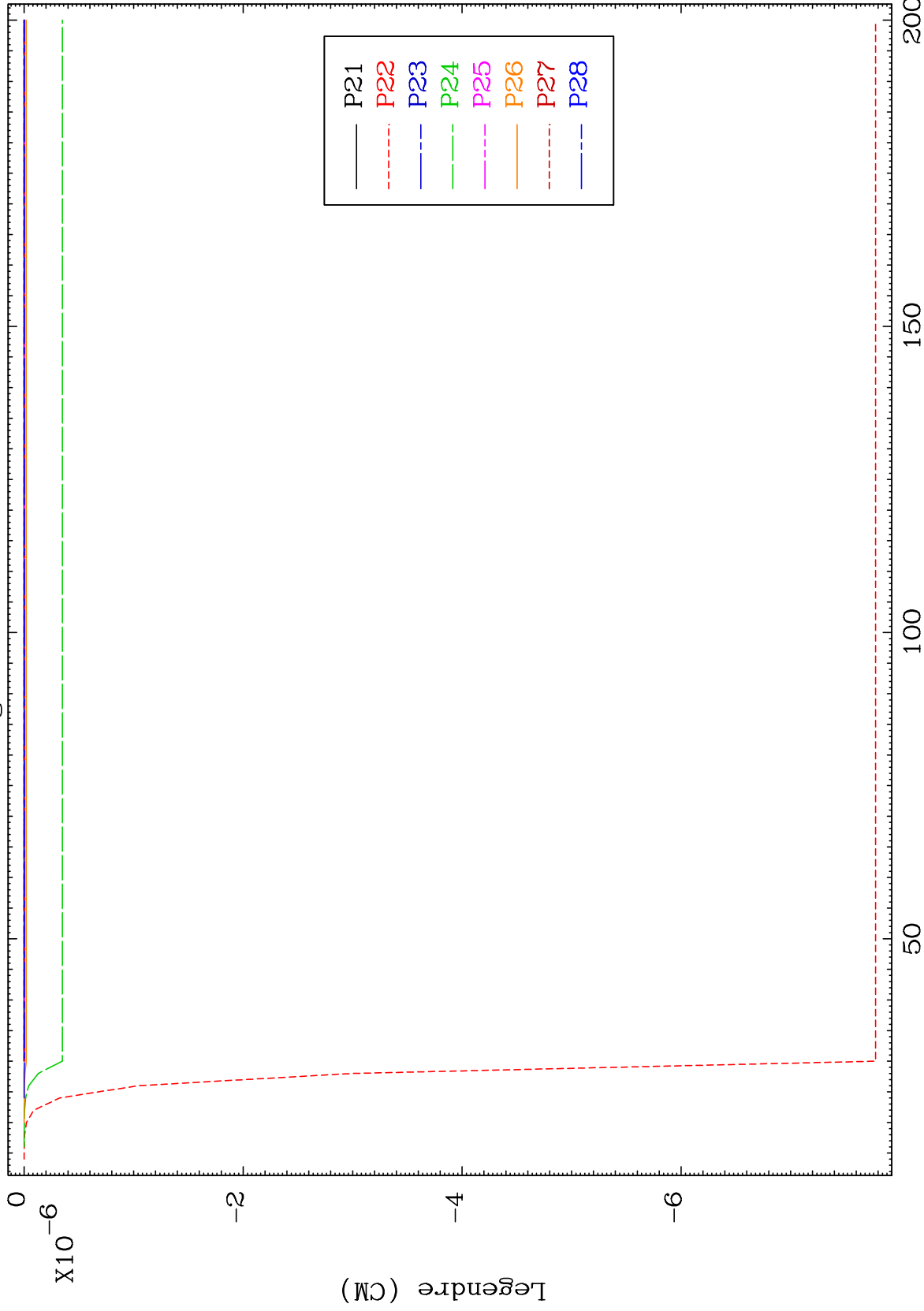
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



63

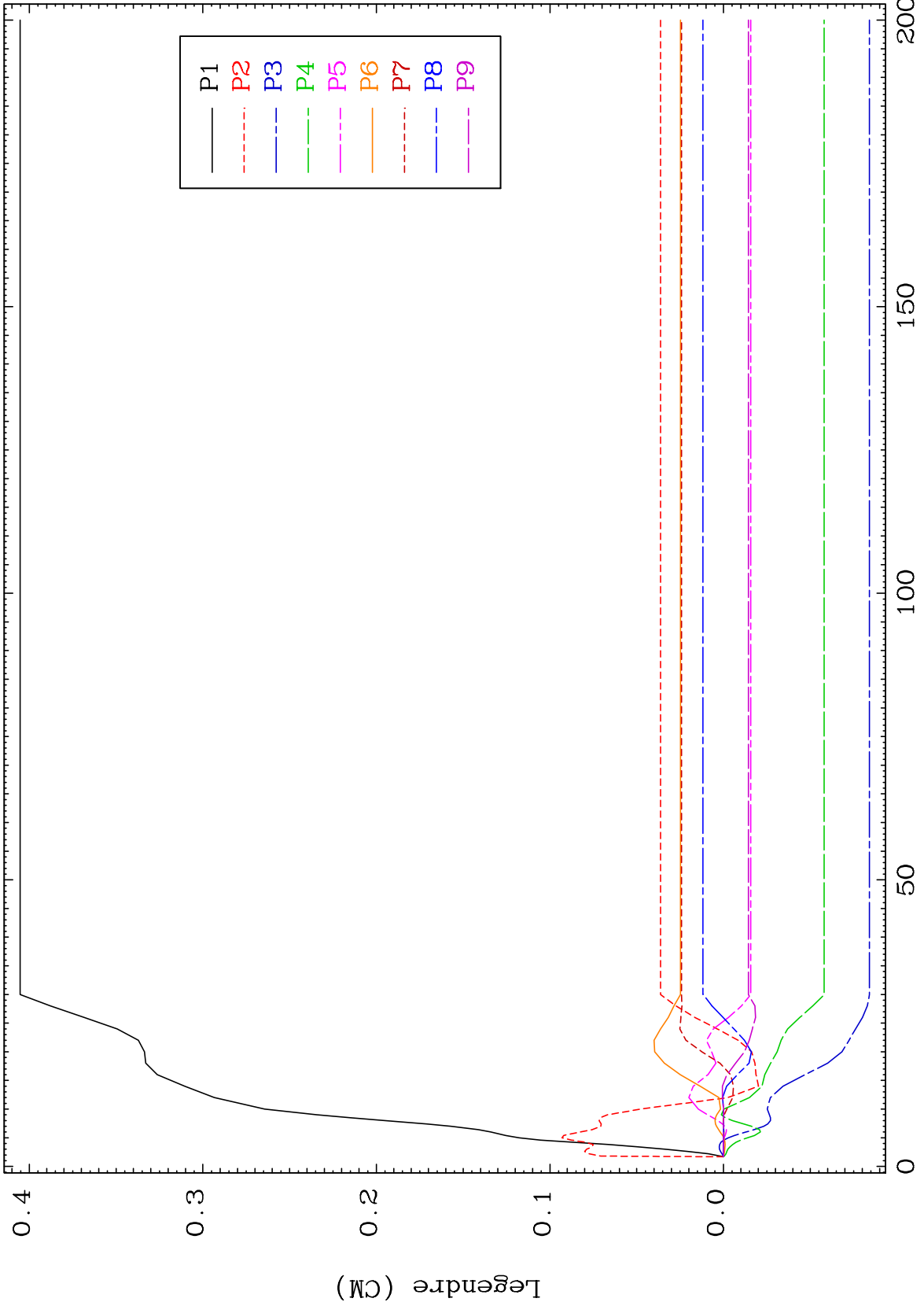
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



64

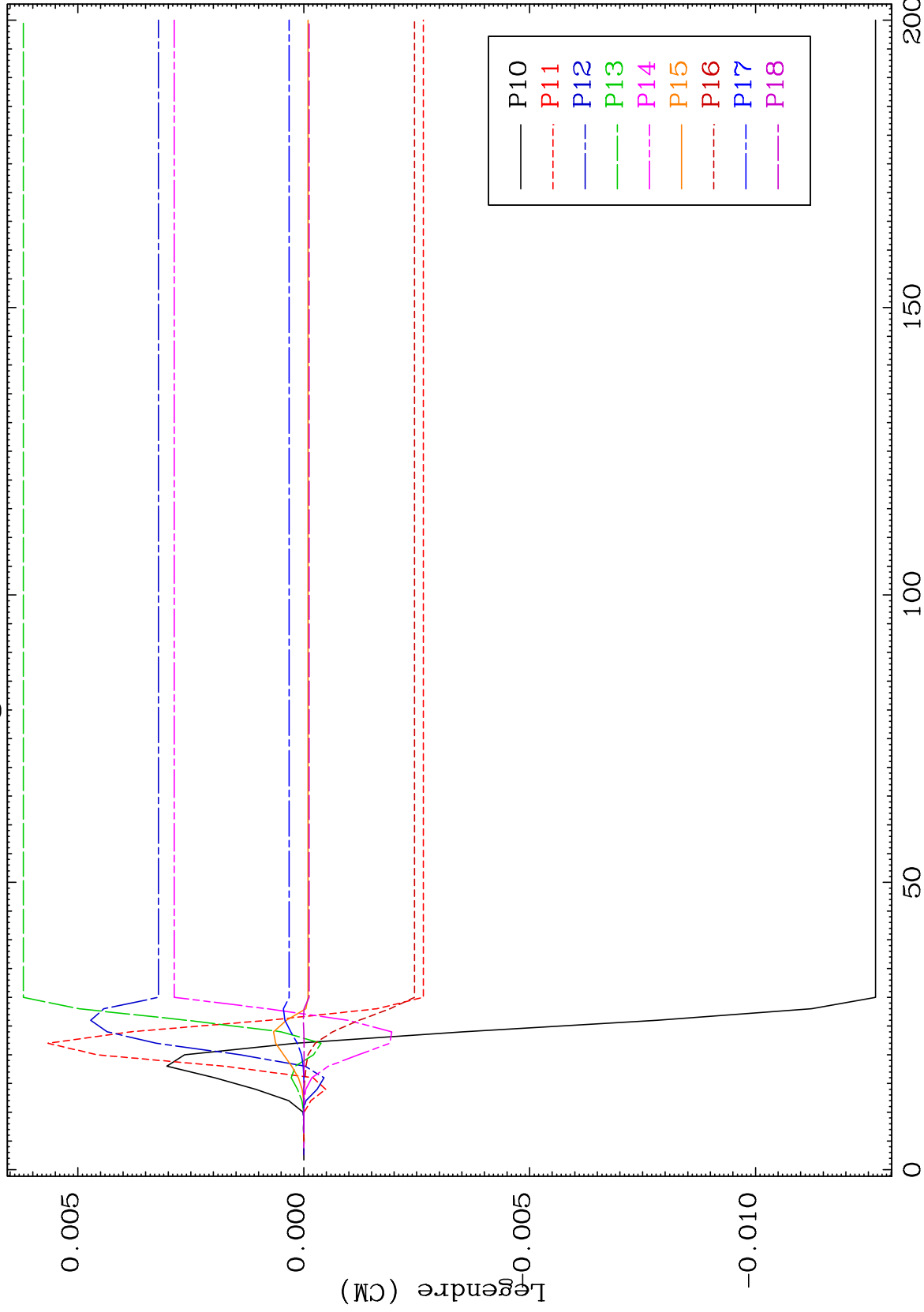
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



65

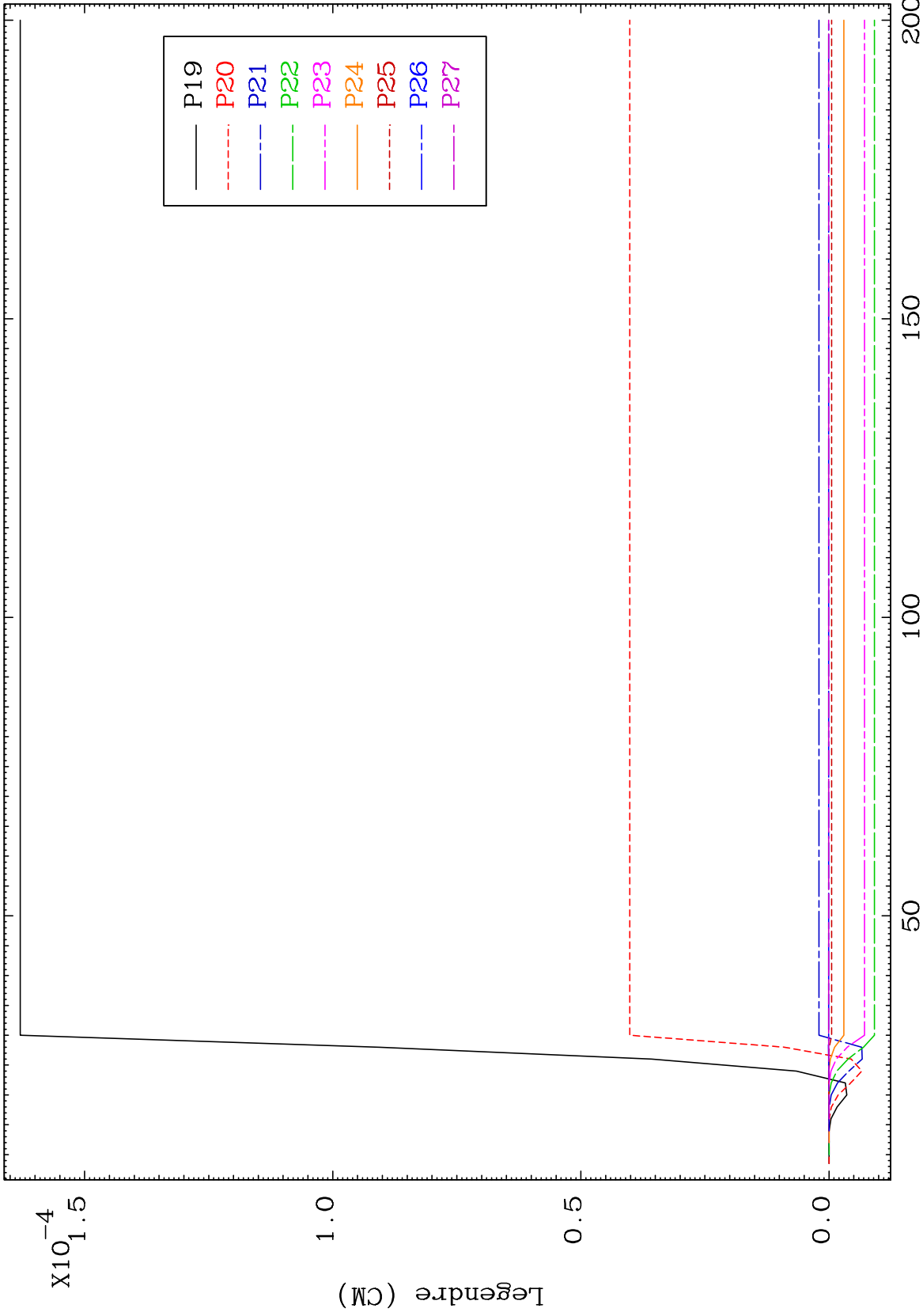
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



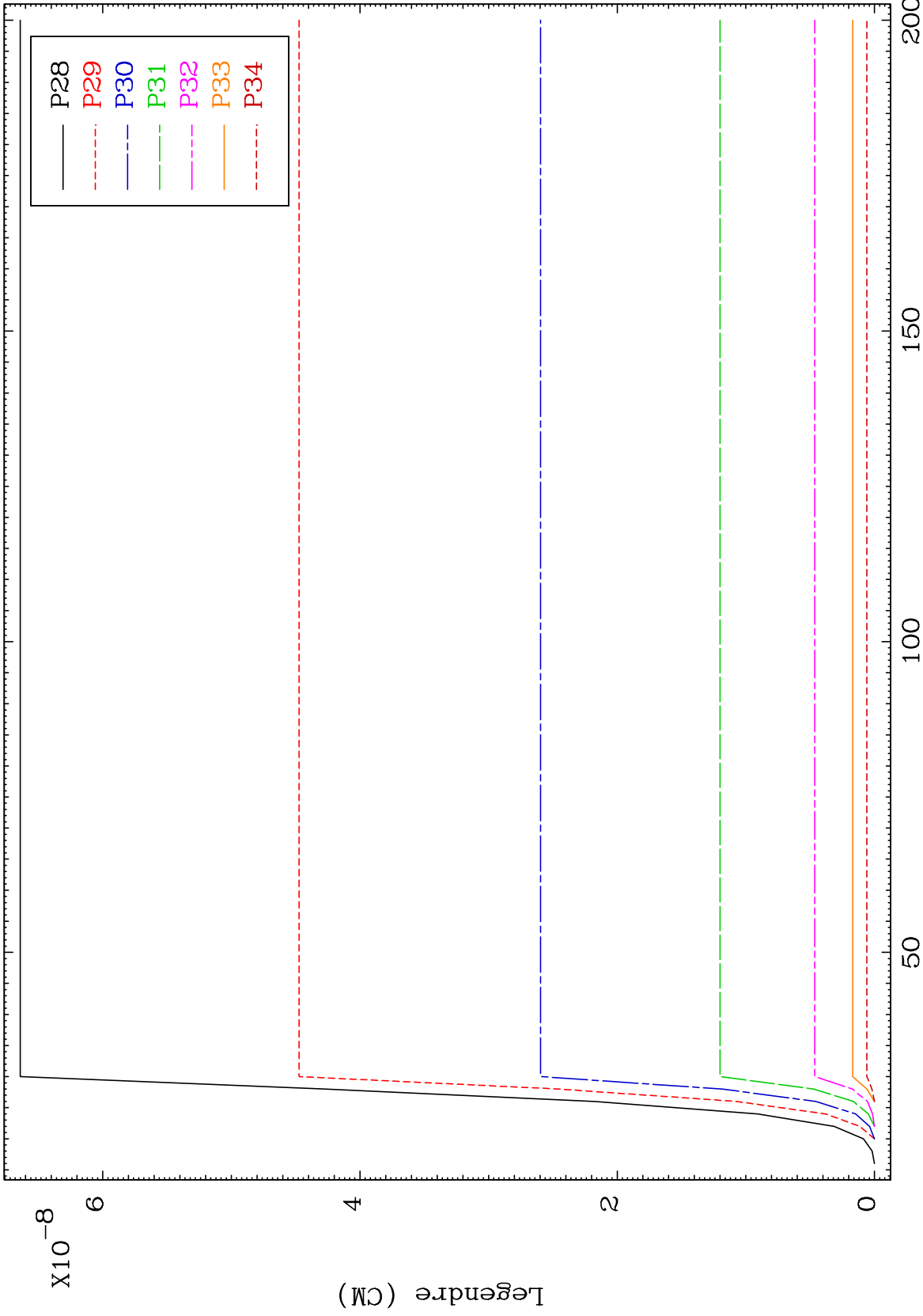
66

72-Hf-164

MAT 7195

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

72-Hf-164



67

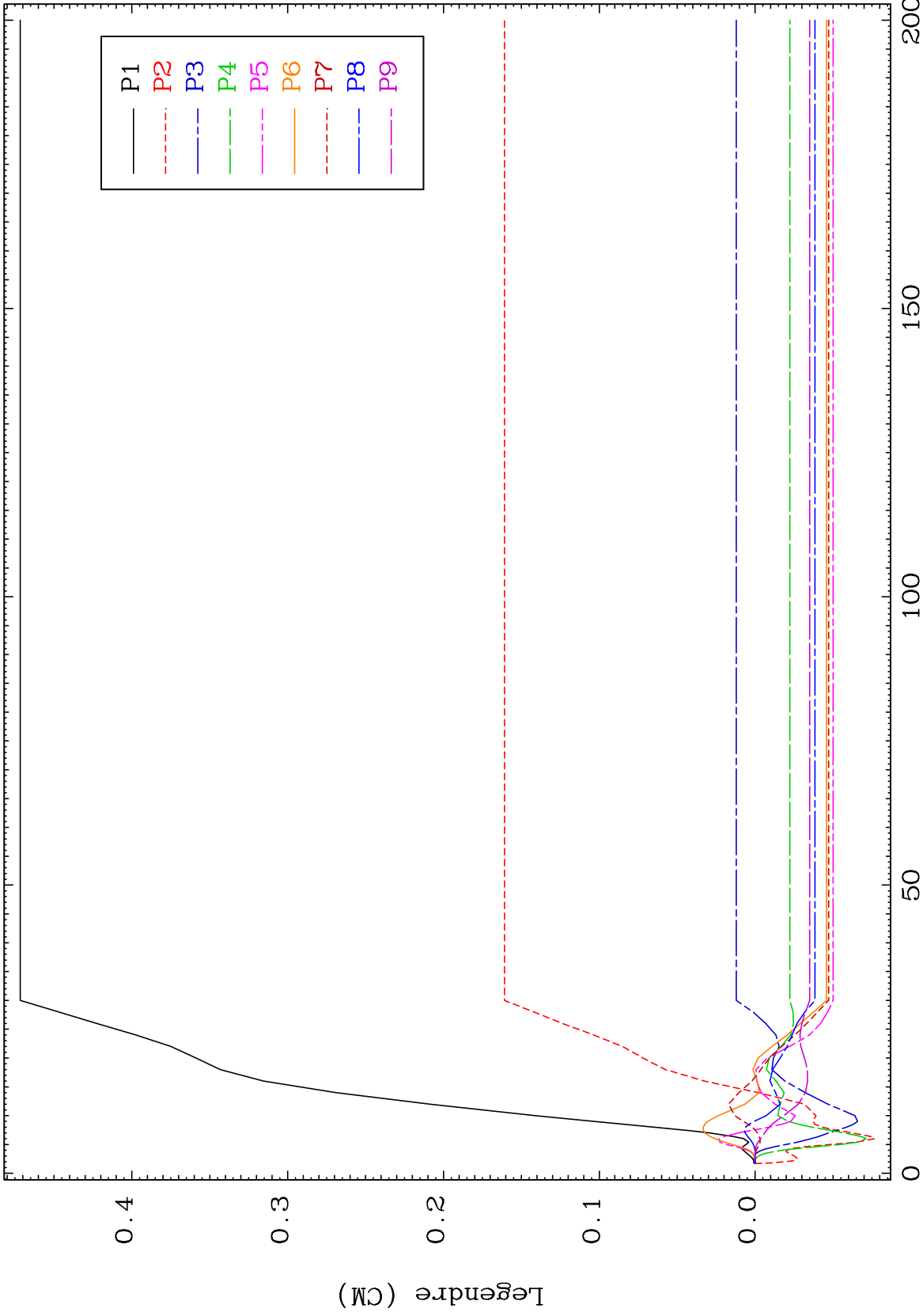
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



68

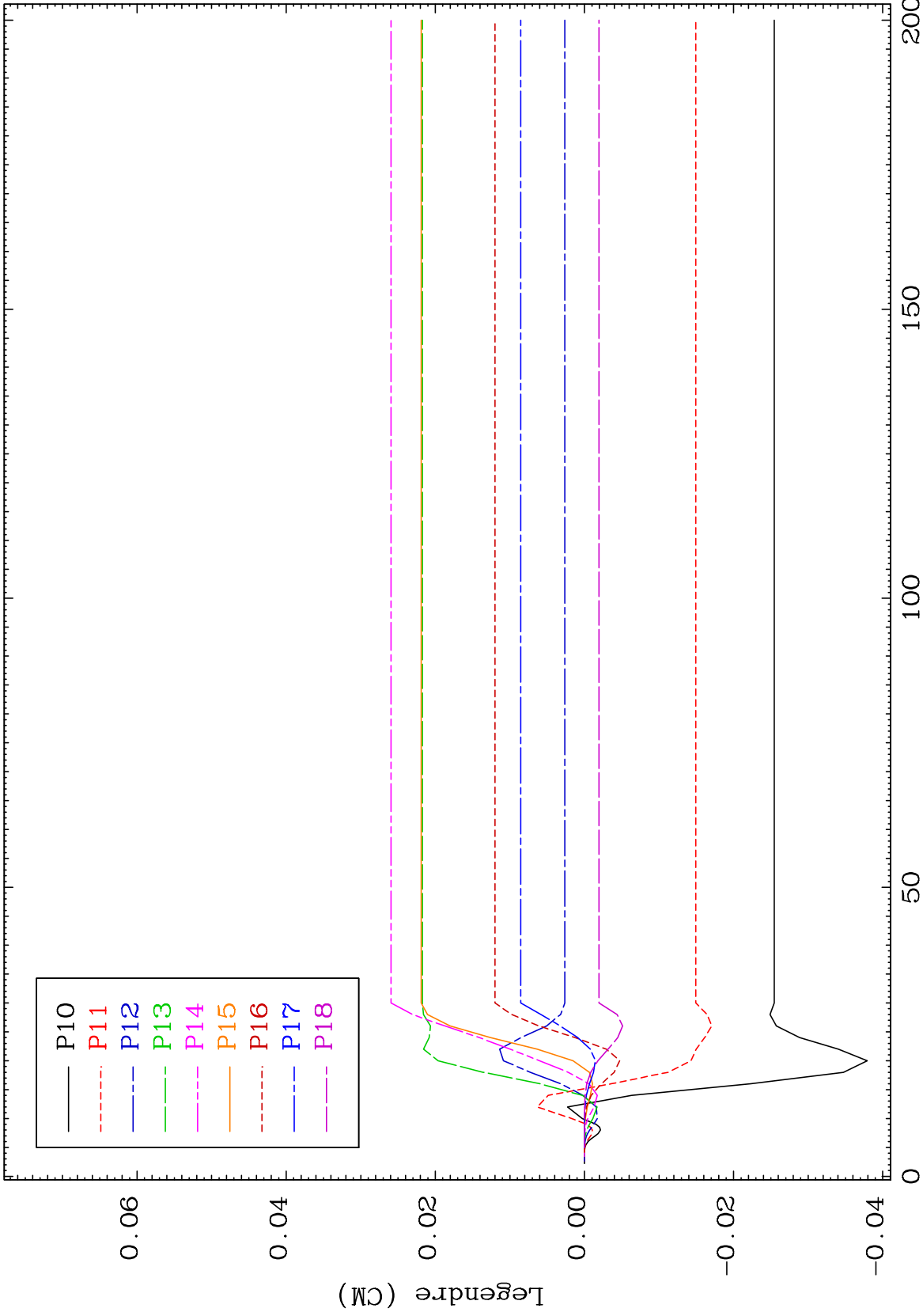
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



69

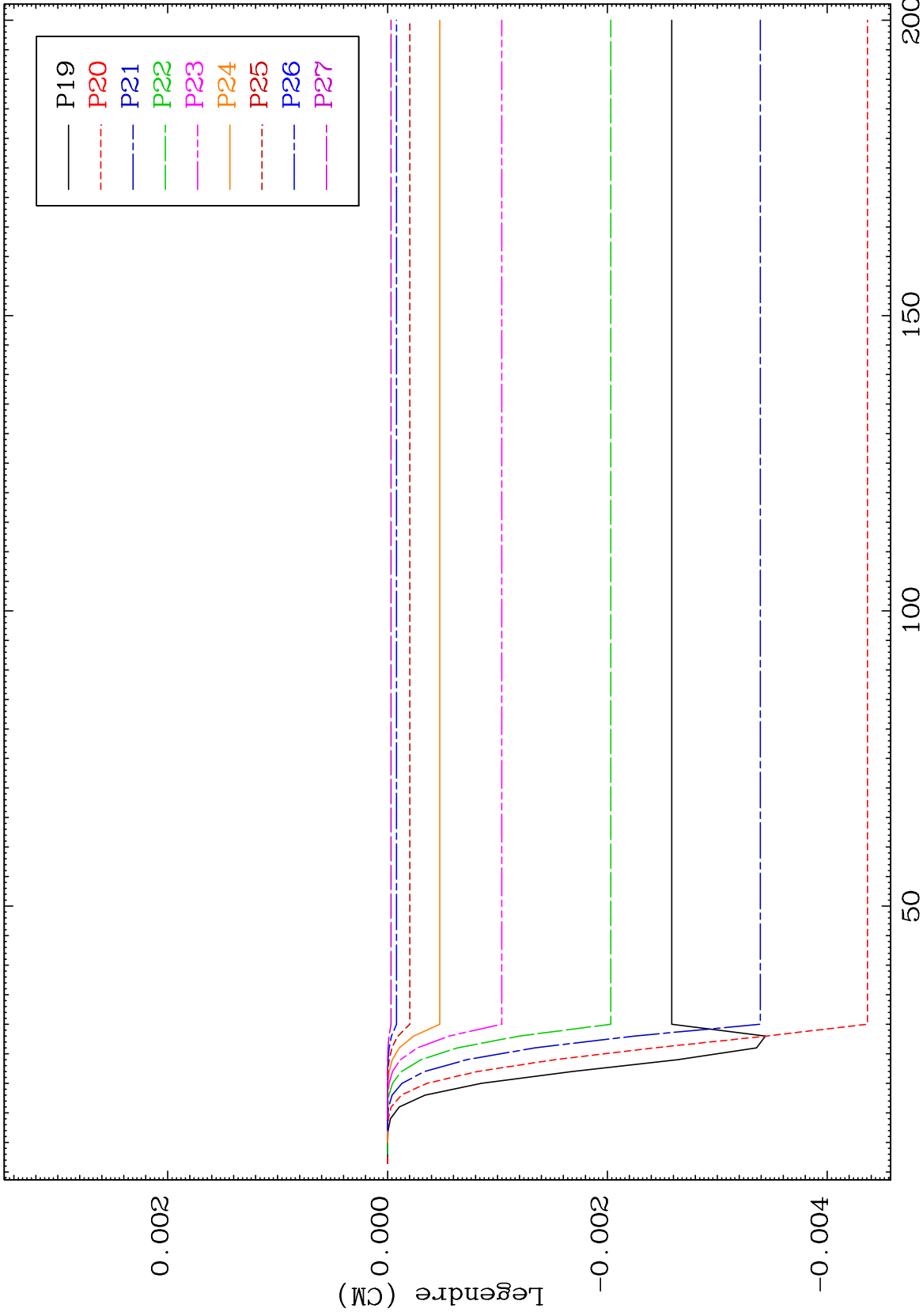
Incident Energy (MeV)

72-Hf-164

MAT 7195

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

72-Hf-164



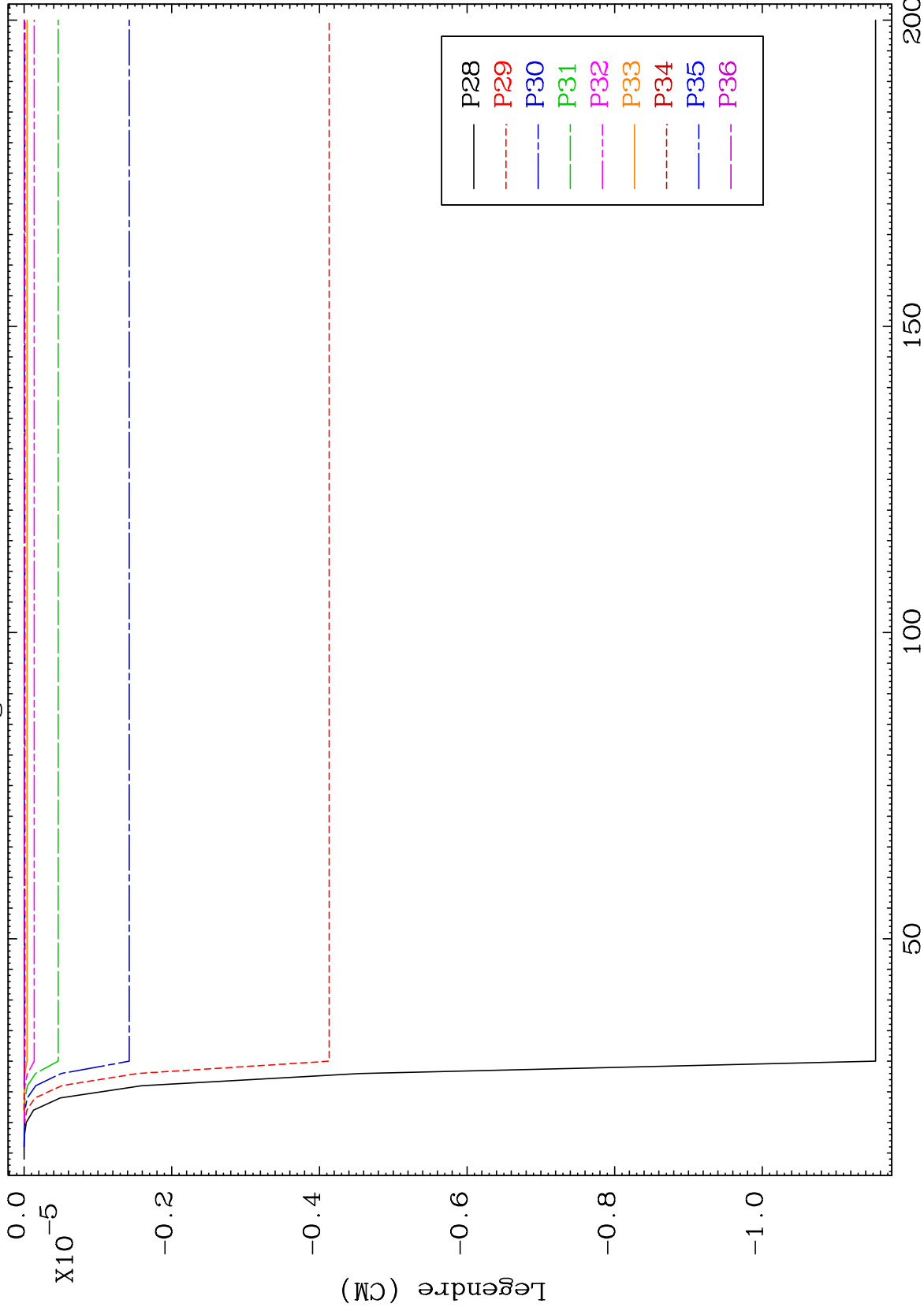
70

Incident Energy (MeV)

72-Hf-164

MAT 7195 MT= 64 (n,n') Level 72-Hf-164

Legendre Coefficients



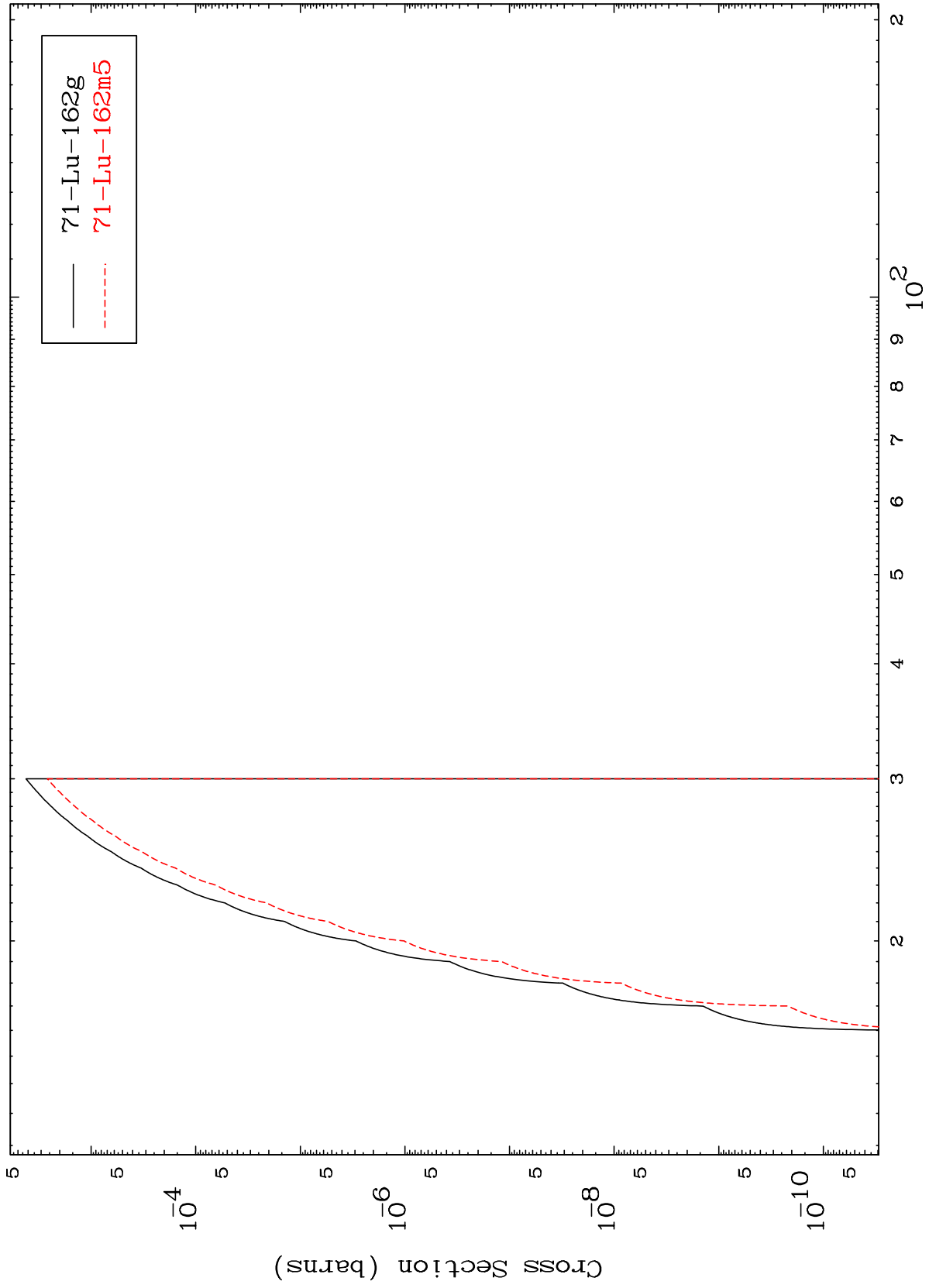
71 Incident Energy (MeV) 72-Hf-164

MAT 7195

(n,n') d

72-Hf-164

Radionuclide Production Cross Section



72

Incident Energy (MeV)

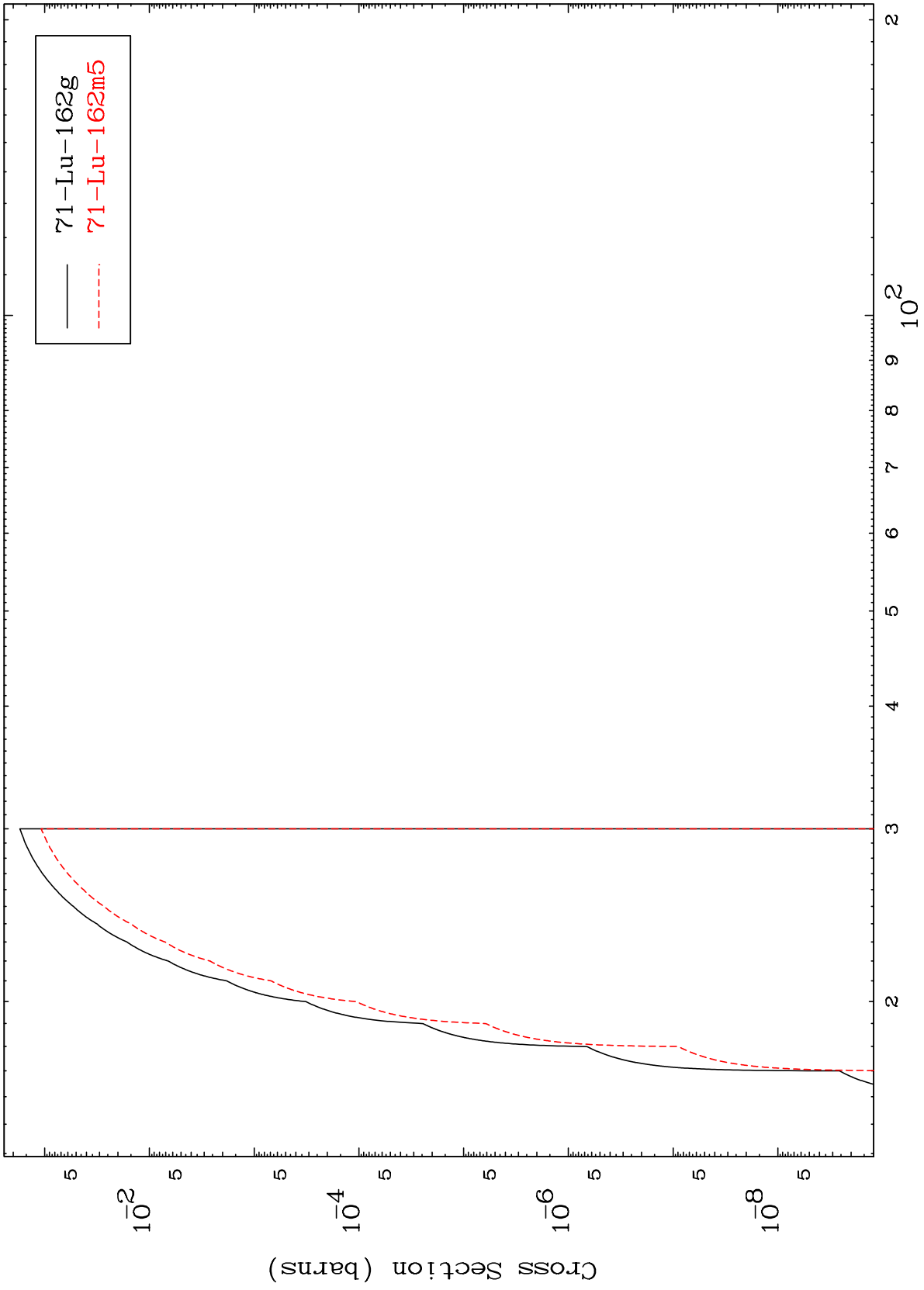
72-Hf-164

MAT 7195

(n,2n) p

72-Hf-164

Radionuclide Production Cross Section



73

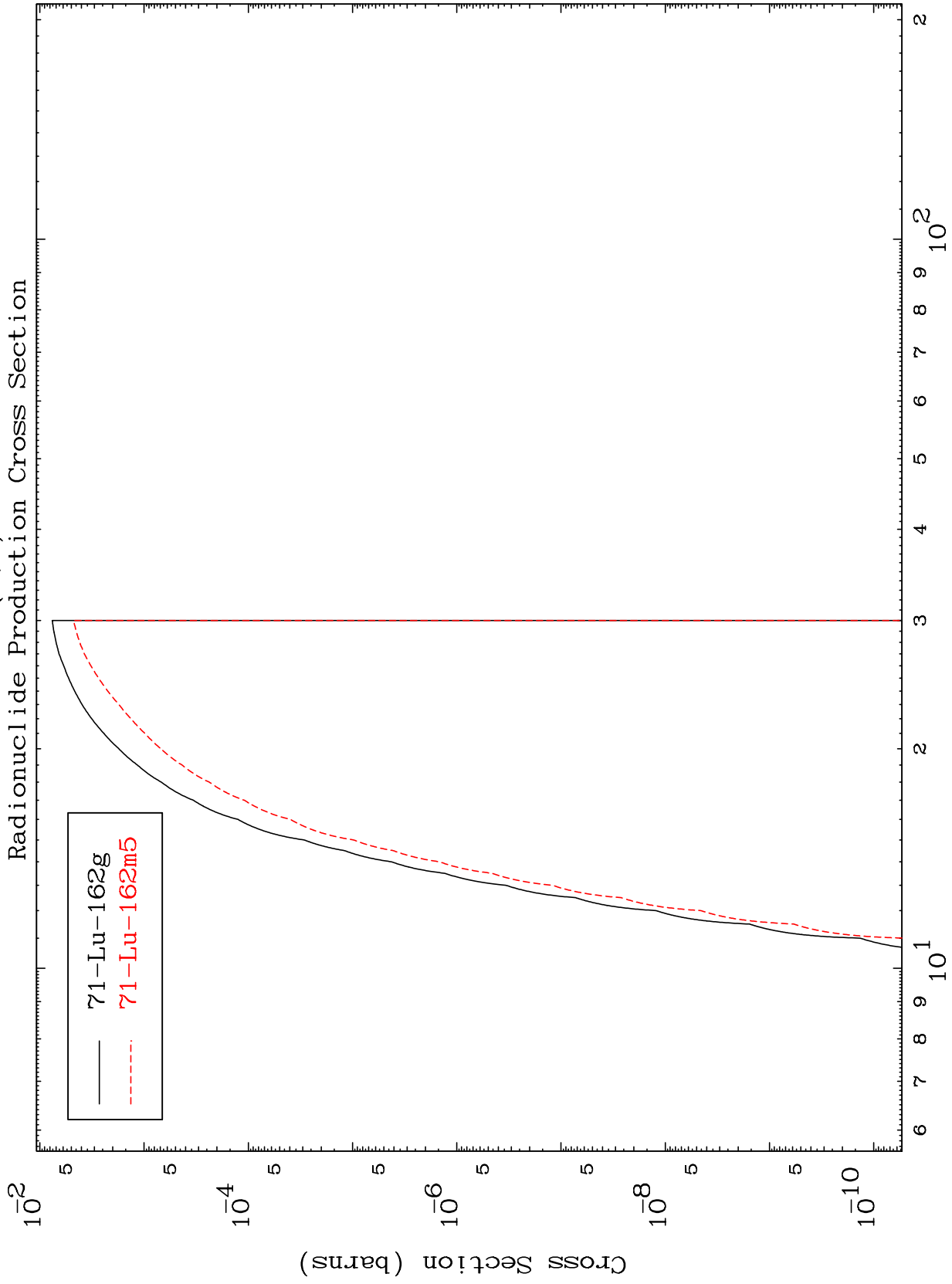
Incident Energy (MeV)

72-Hf-164

MAT 7195

72-Hf-164

Radionuclide Production Cross Section



74

Incident Energy (MeV)

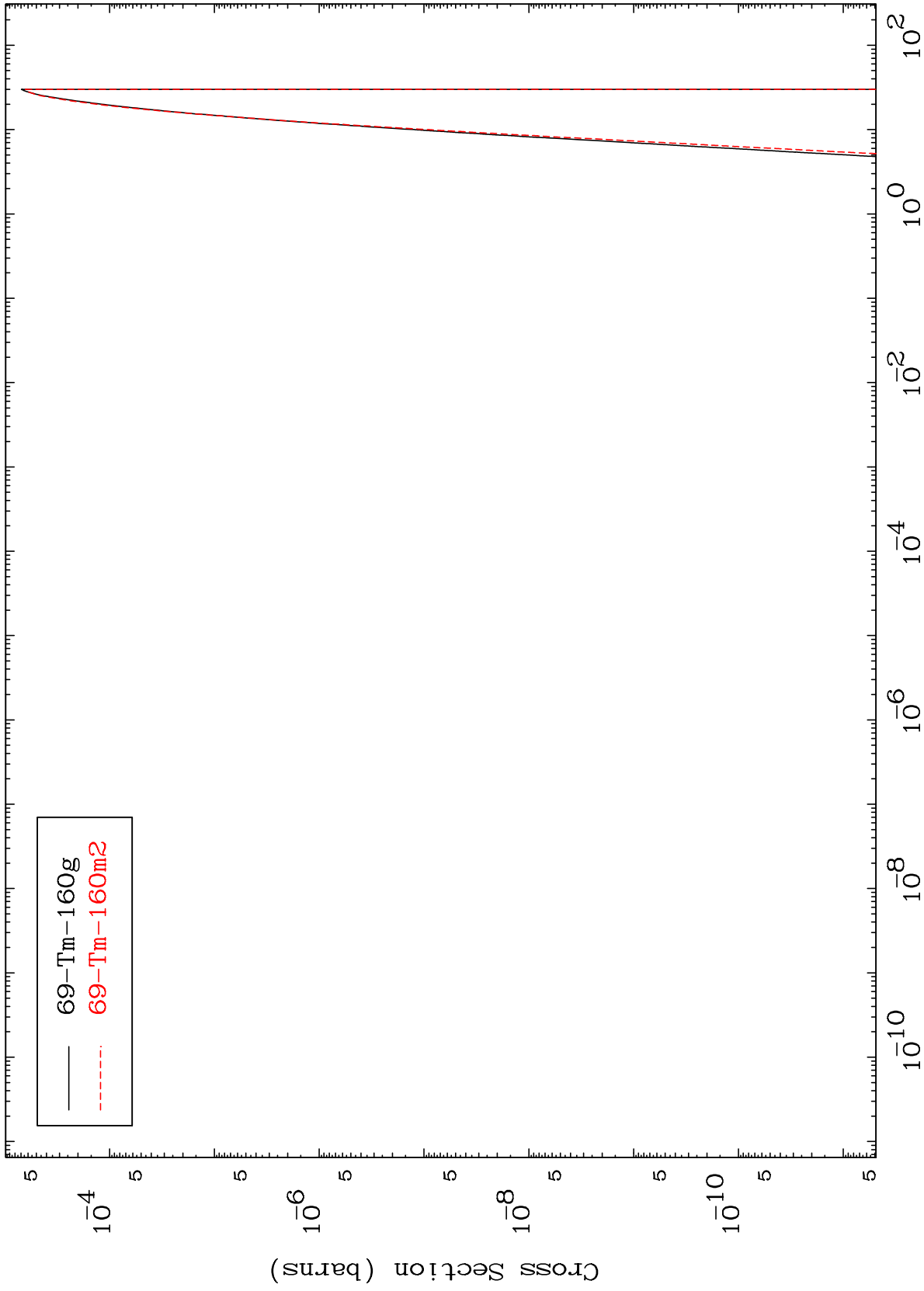
72-Hf-164

MAT 7195

(n,p) α

72-Hf-164

Radionuclide Production Cross Section



75

Incident Energy (MeV)

72-Hf-164