

Program EVALPLOT
(Version 2018-1)

by

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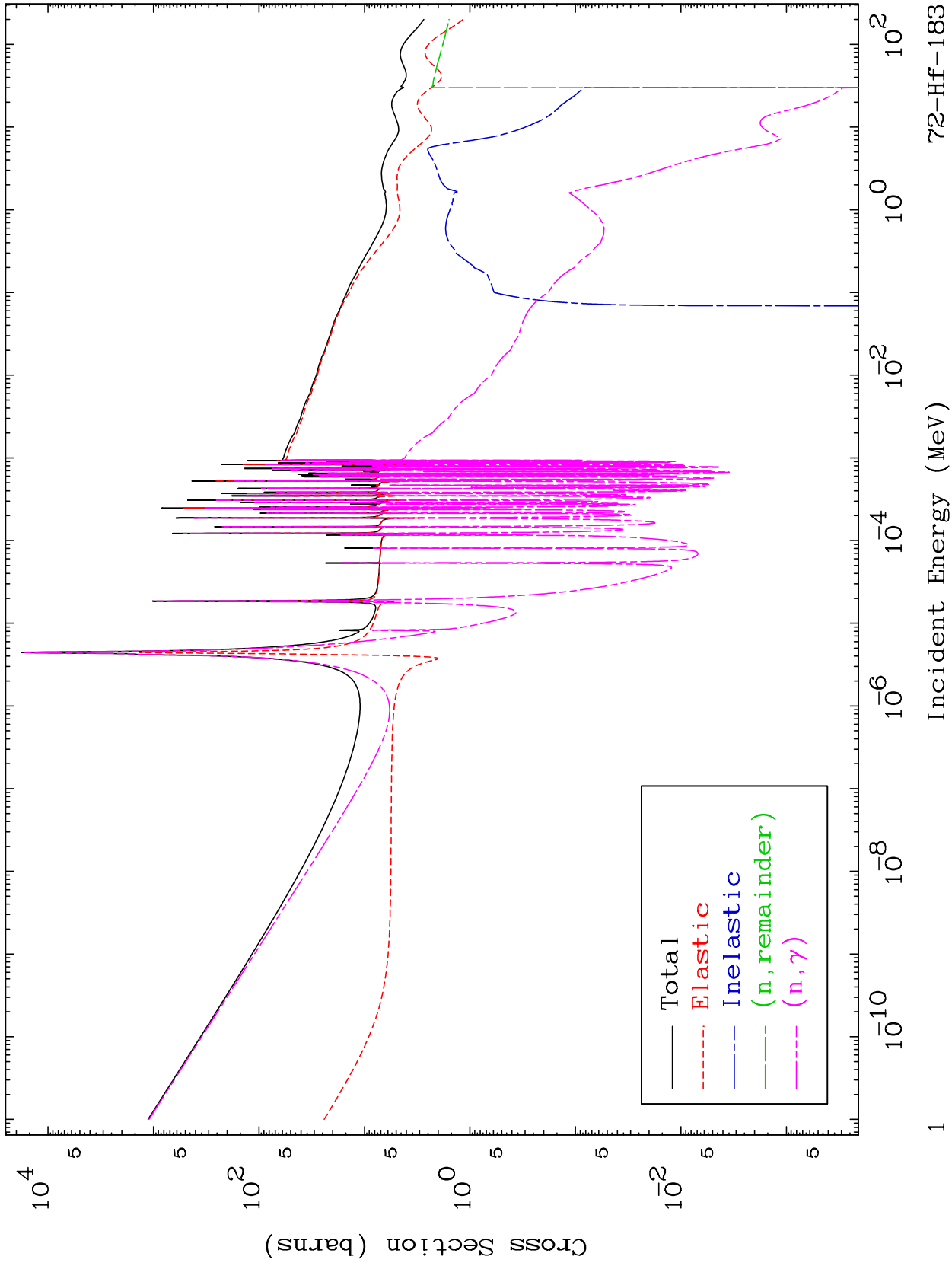
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7252

Major
293 Kelvin Cross Sections

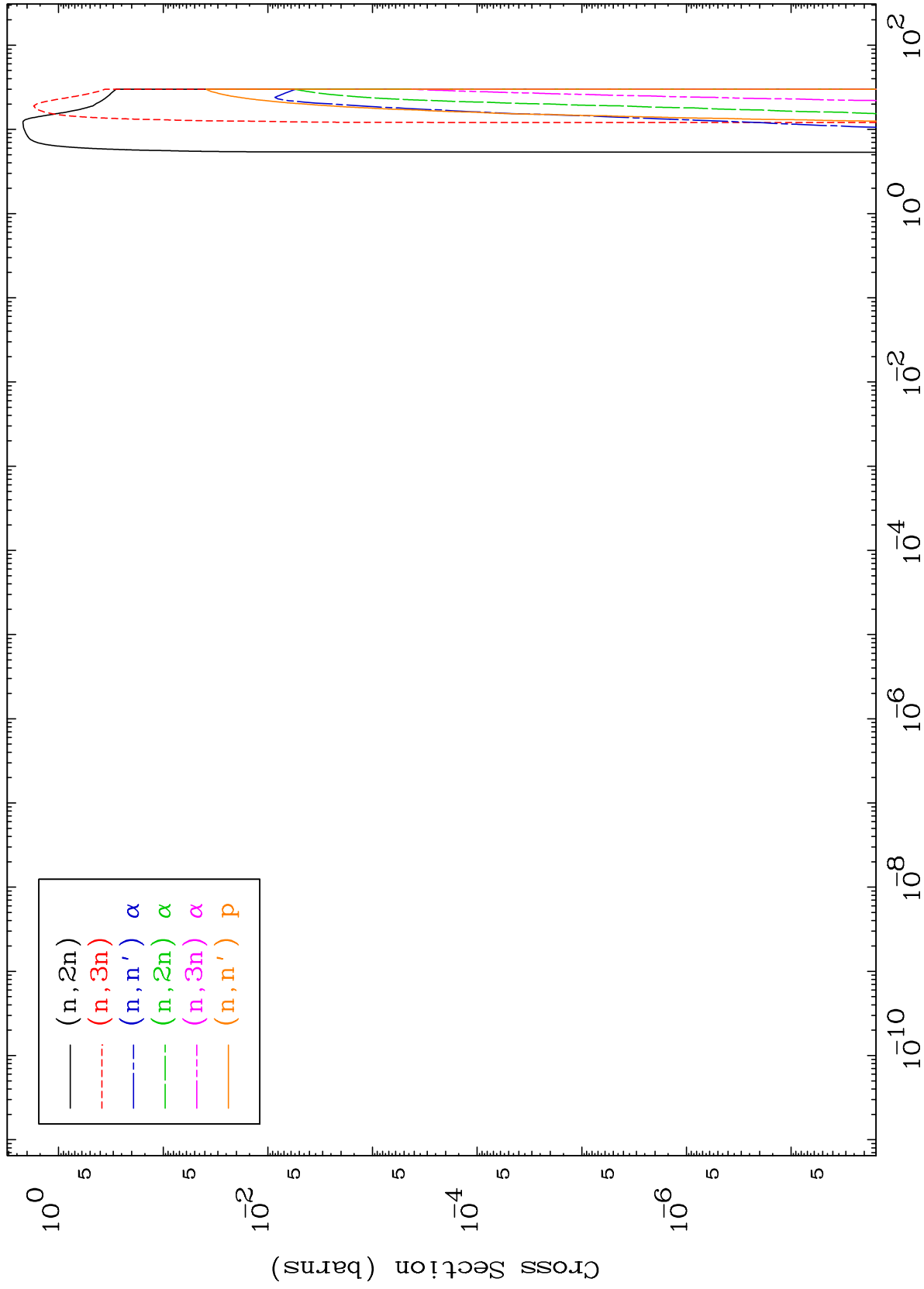
72-Hf-183



MAT 7252

Neutron Production
293 Kelvin Cross Sections

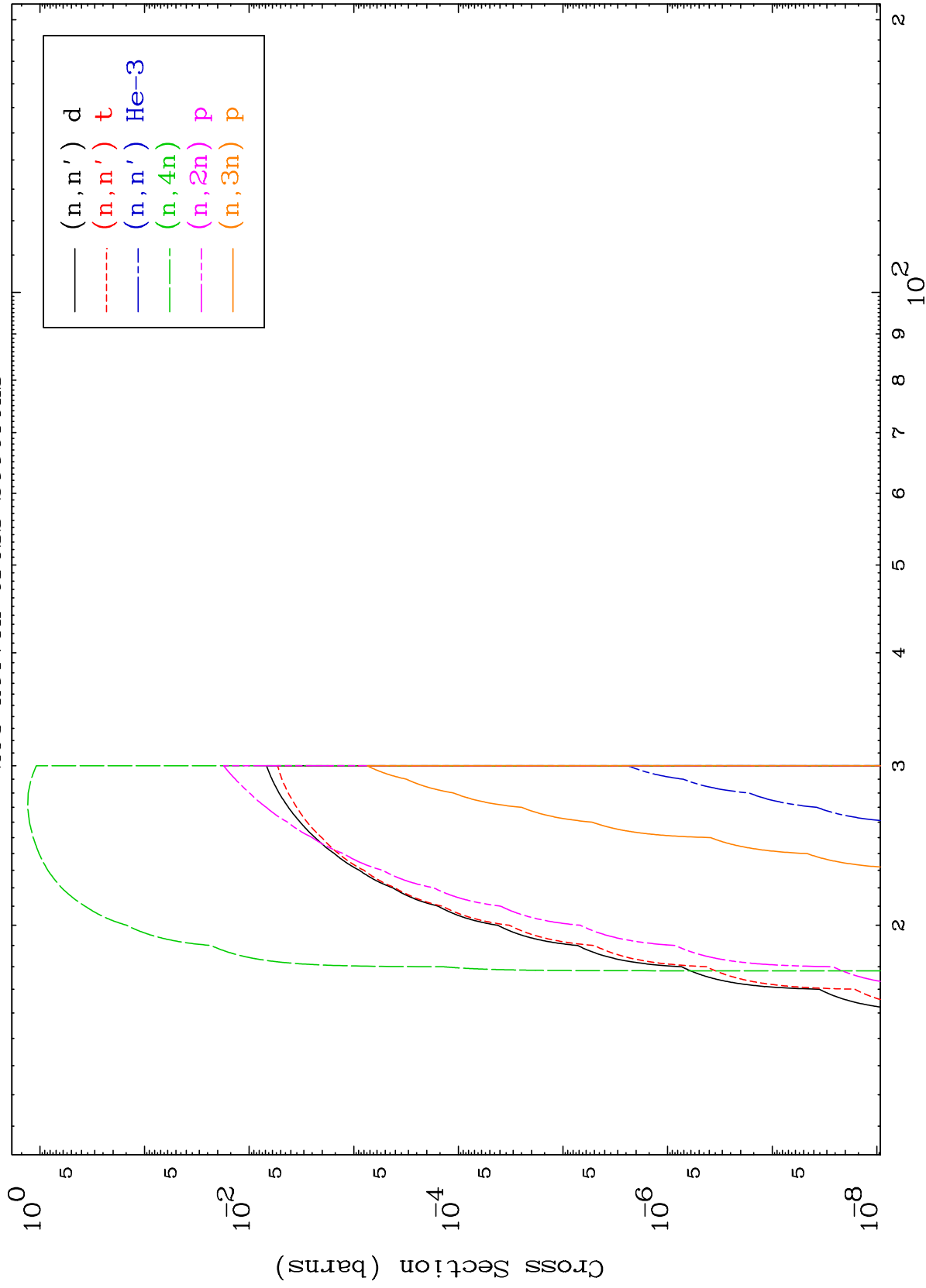
72-Hf-183



2

Incident Energy (MeV)

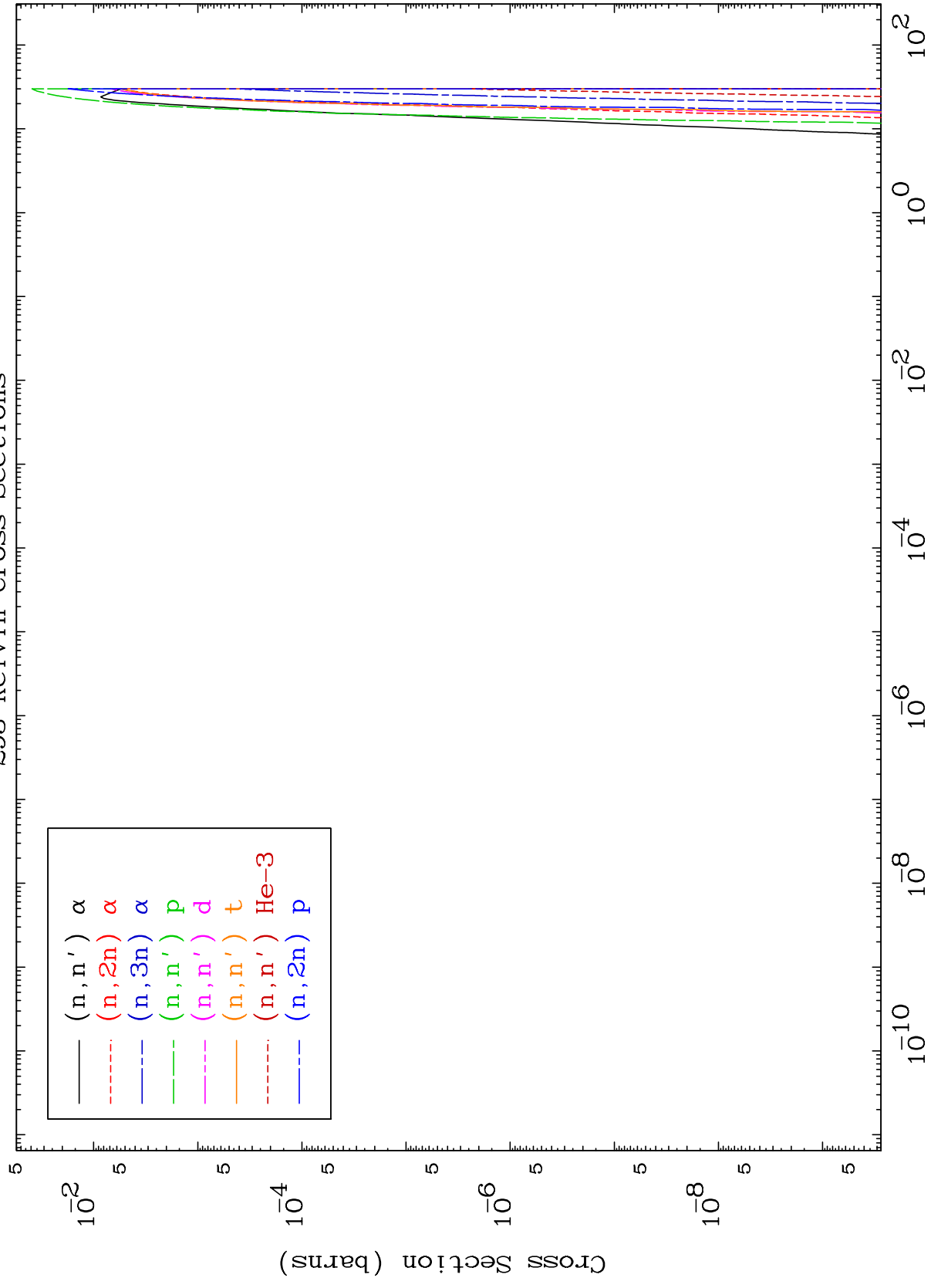
72-Hf-183



MAT 7252

293 Kelvin Cross Sections
Charged Particle

72-Hf-183

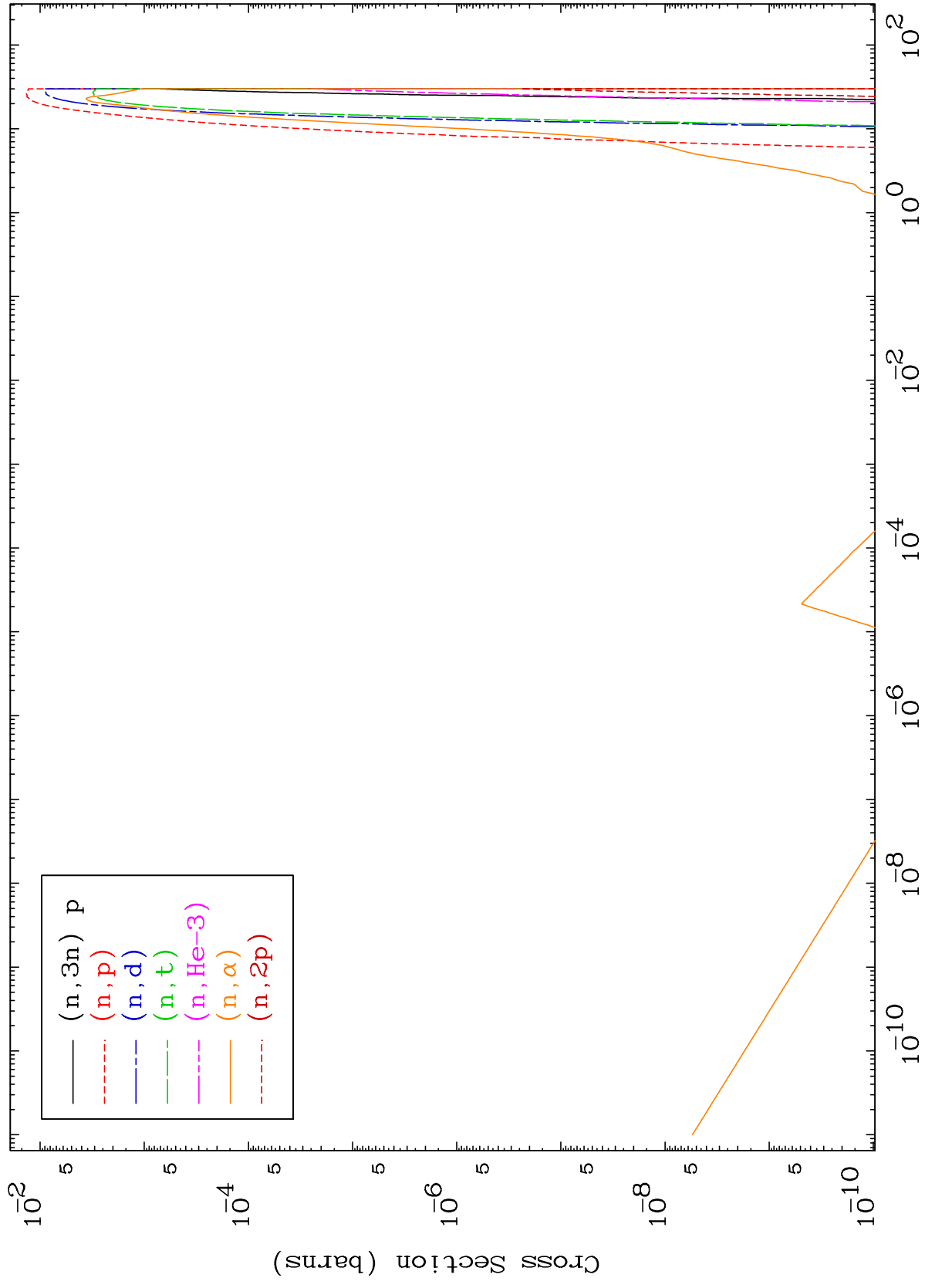


72-Hf-183

MAT 7252

Charged Particle
293 Kelvin Cross Sections

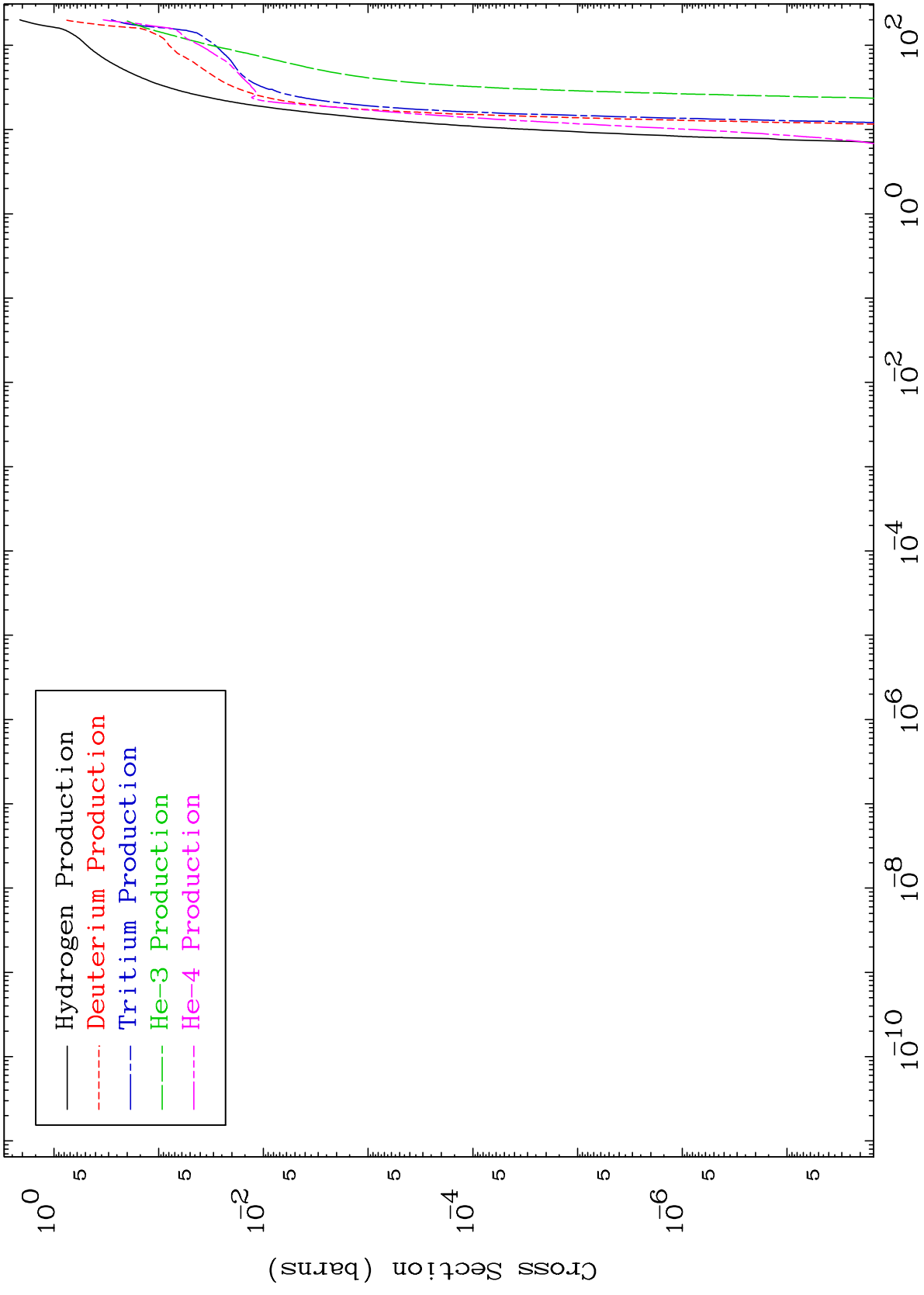
72-Hf-183



5

Incident Energy (MeV)

72-Hf-183

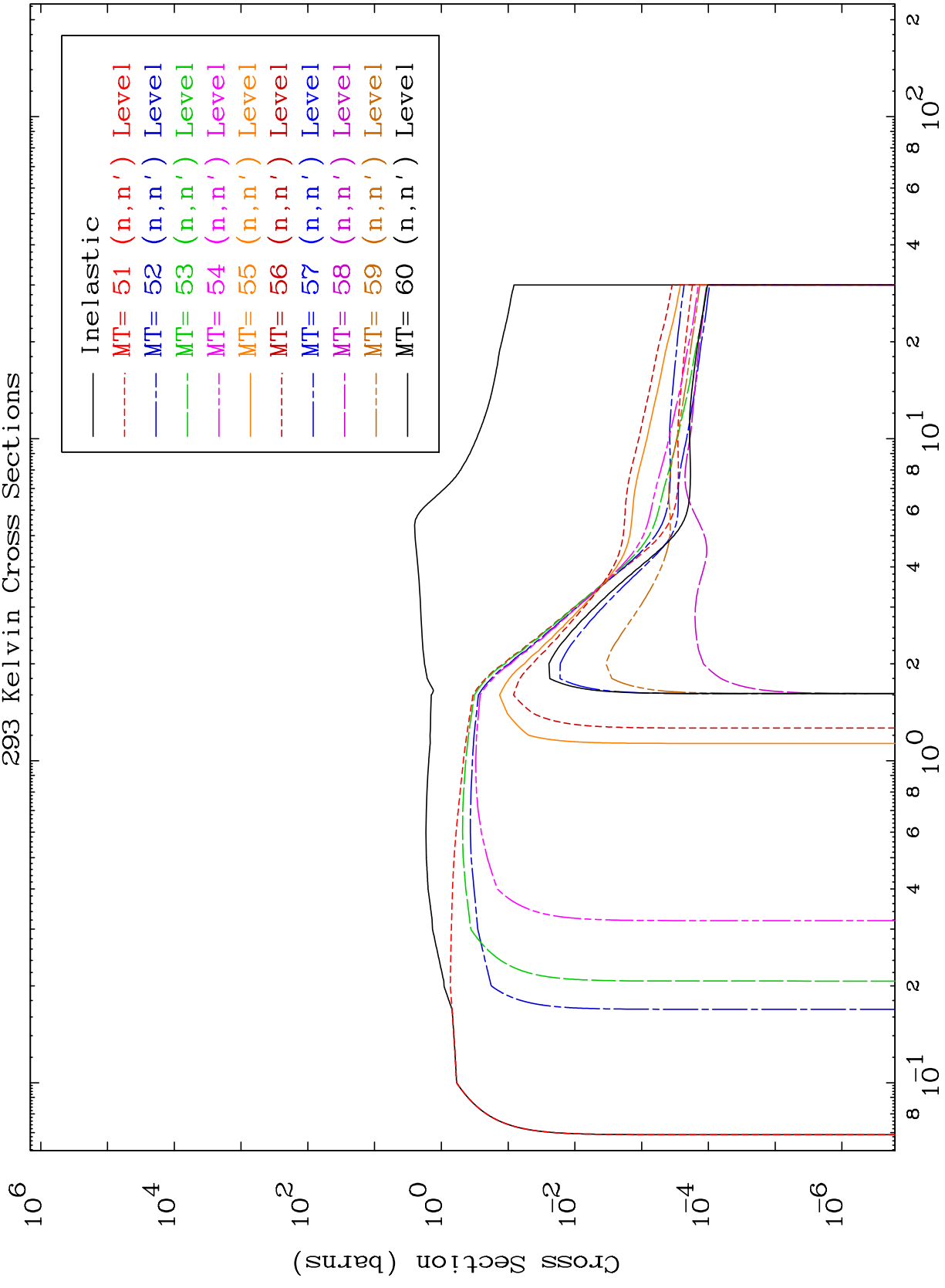


MAT 7252

(n,n') Level

293 Kelvin Cross Sections

72-Hf-183

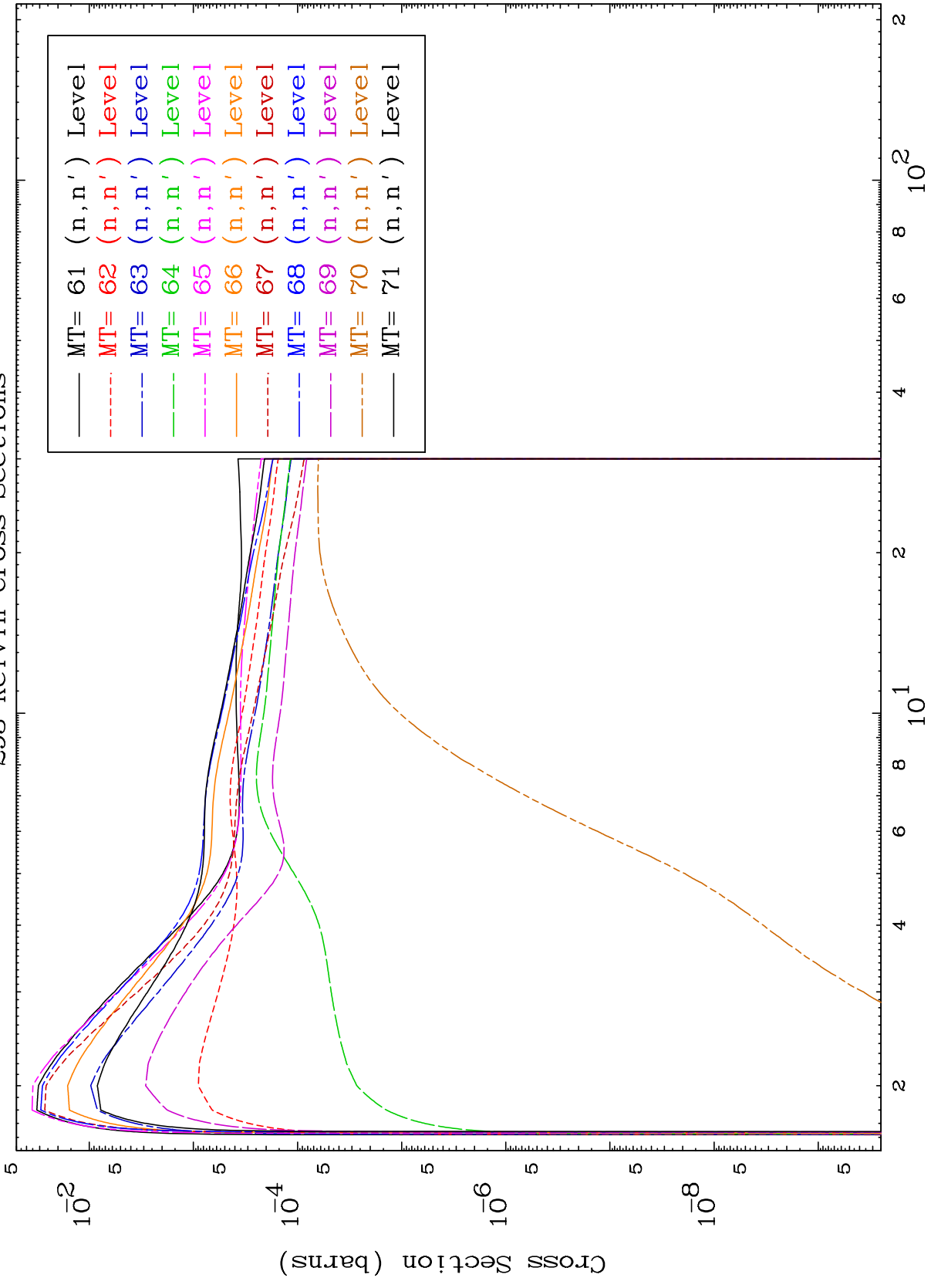


MAT 7252

(n,n') Level

293 Kelvin Cross Sections

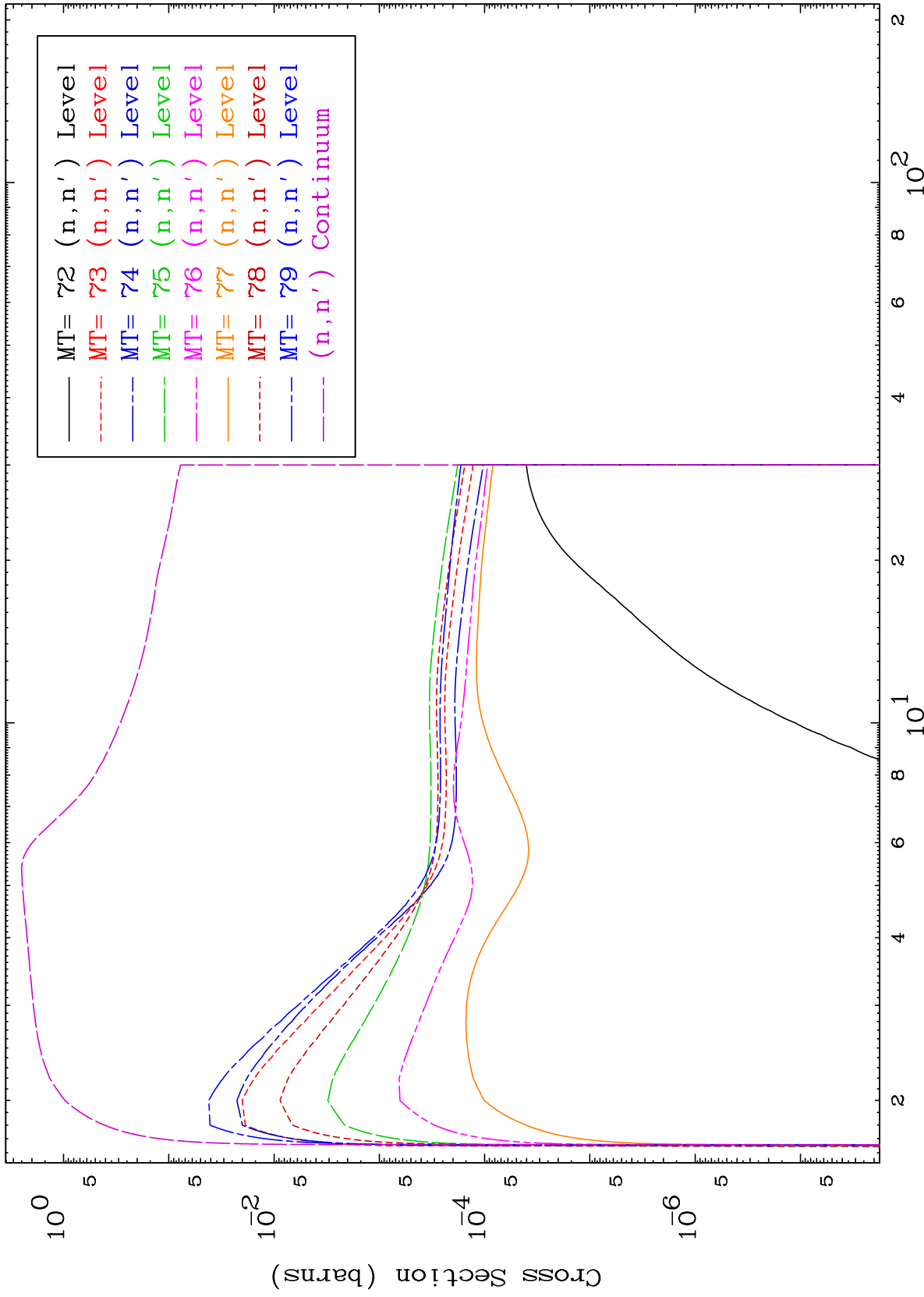
72-Hf-183



8

Incident Energy (MeV)

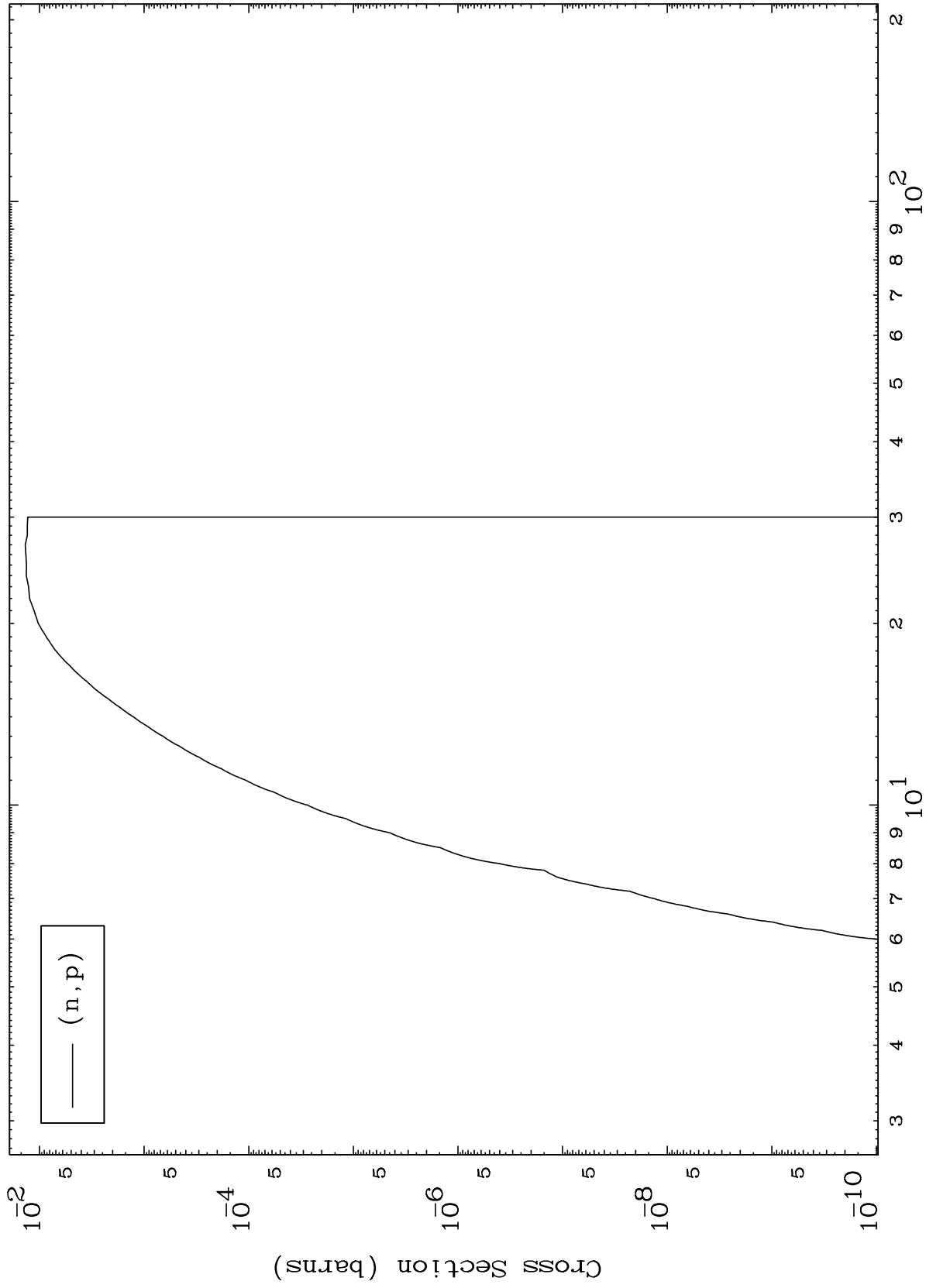
72-Hf-183



MAT 7252

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-183



10

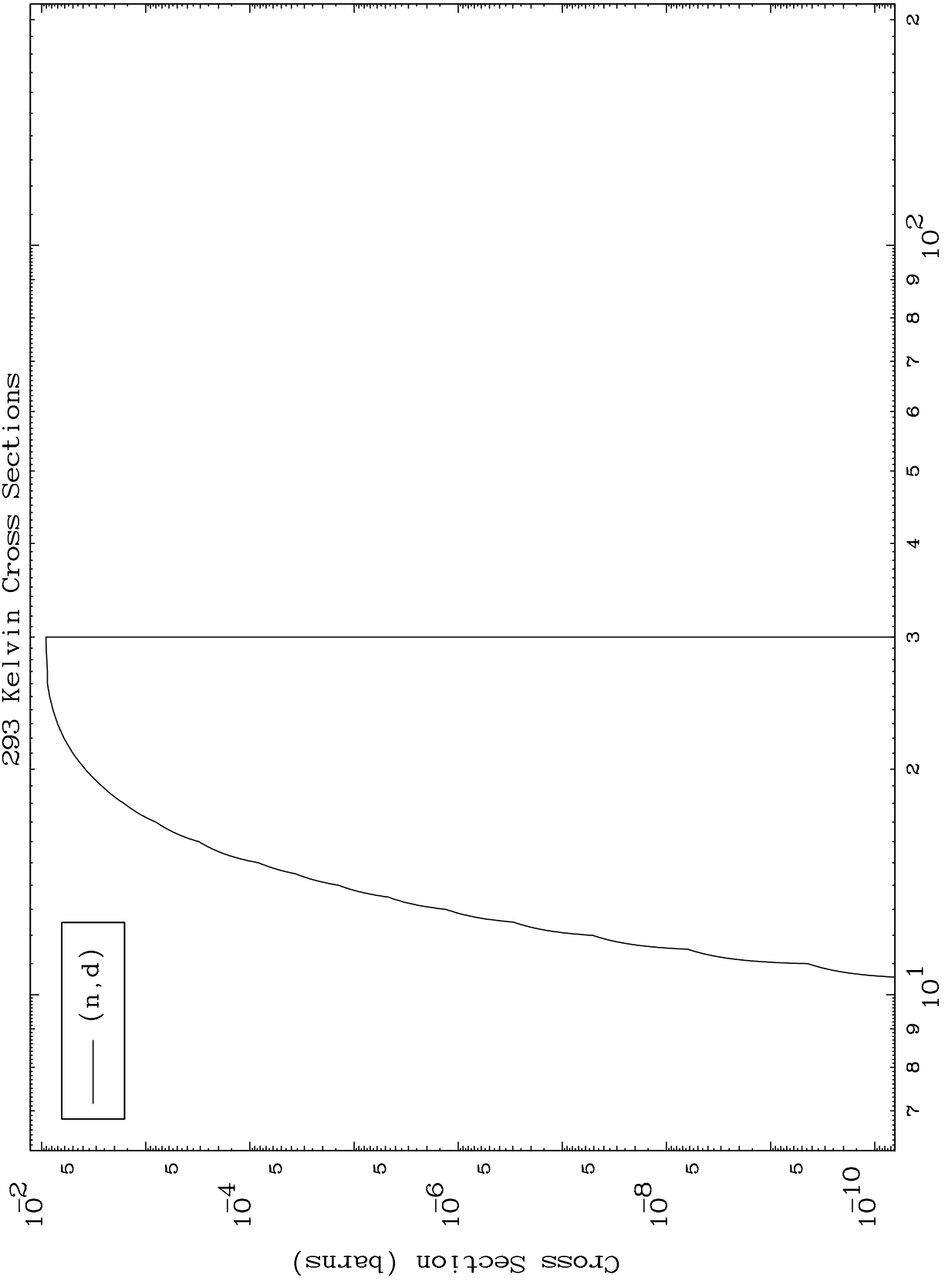
Incident Energy (MeV)

72-Hf-183

MAT 7252

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-183



11

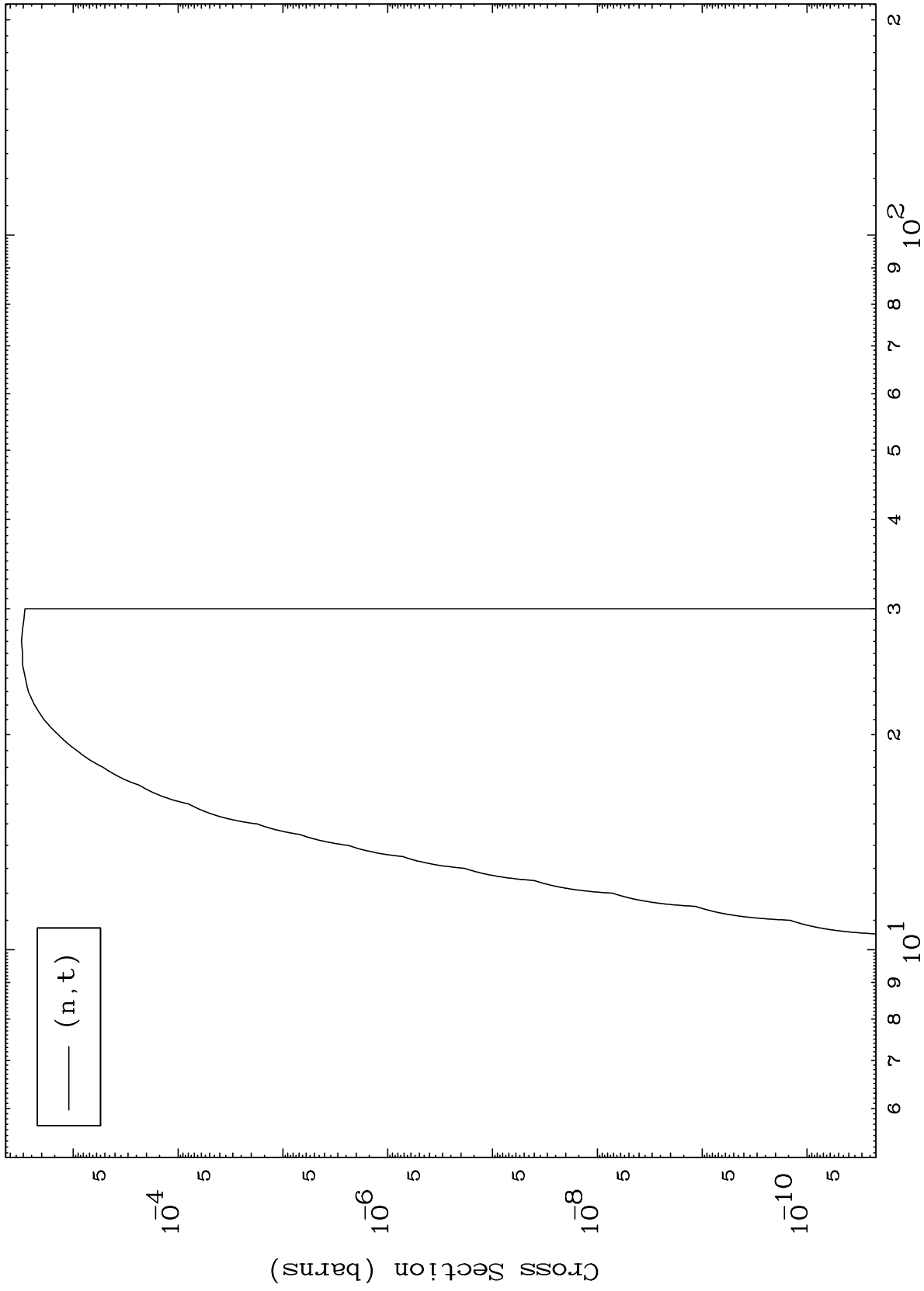
Incident Energy (MeV)

72-Hf-183

MAT 7252

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-183



12

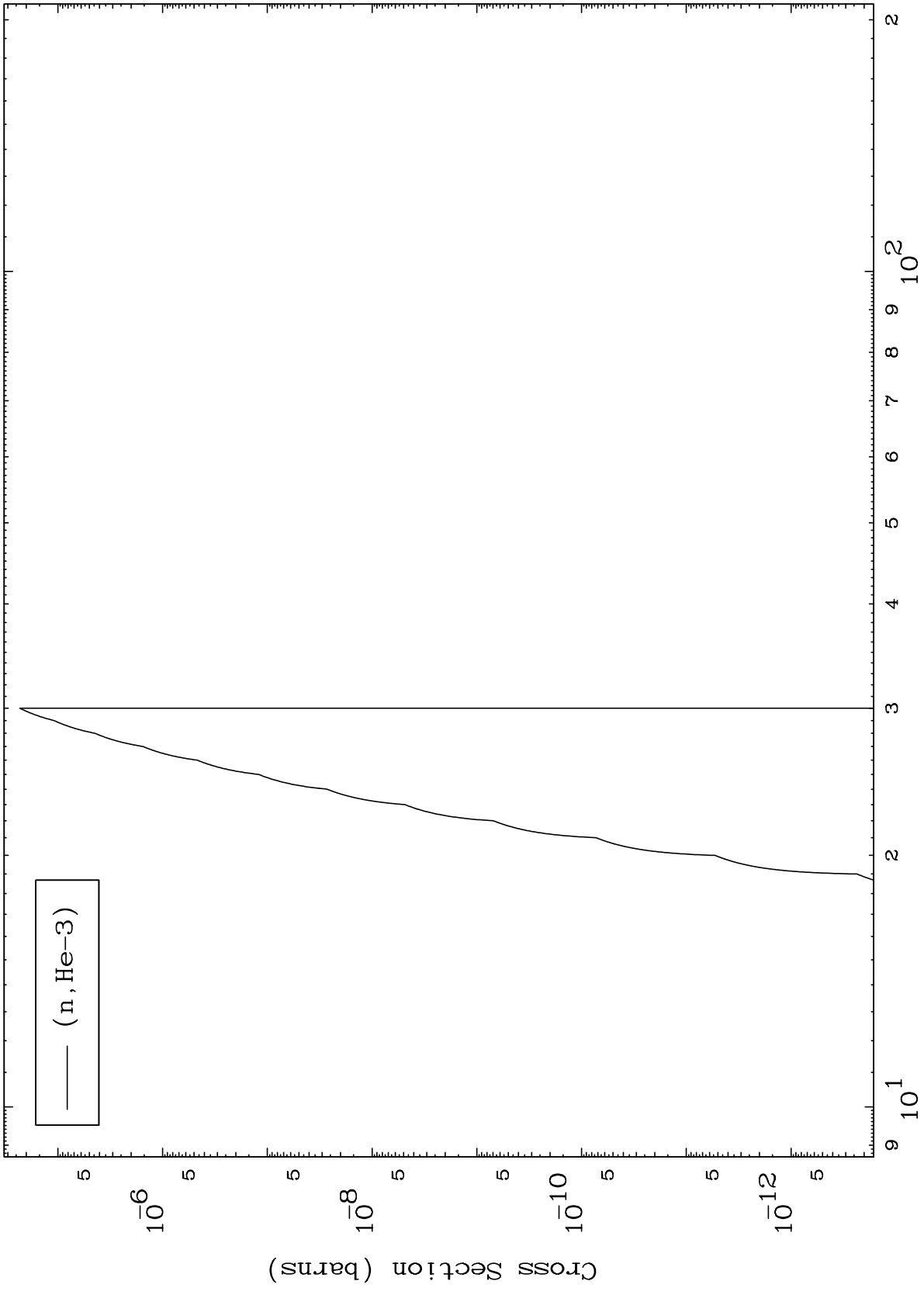
Incident Energy (MeV)

72-Hf-183

MAT 7252

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-183



(n, He-3)

13

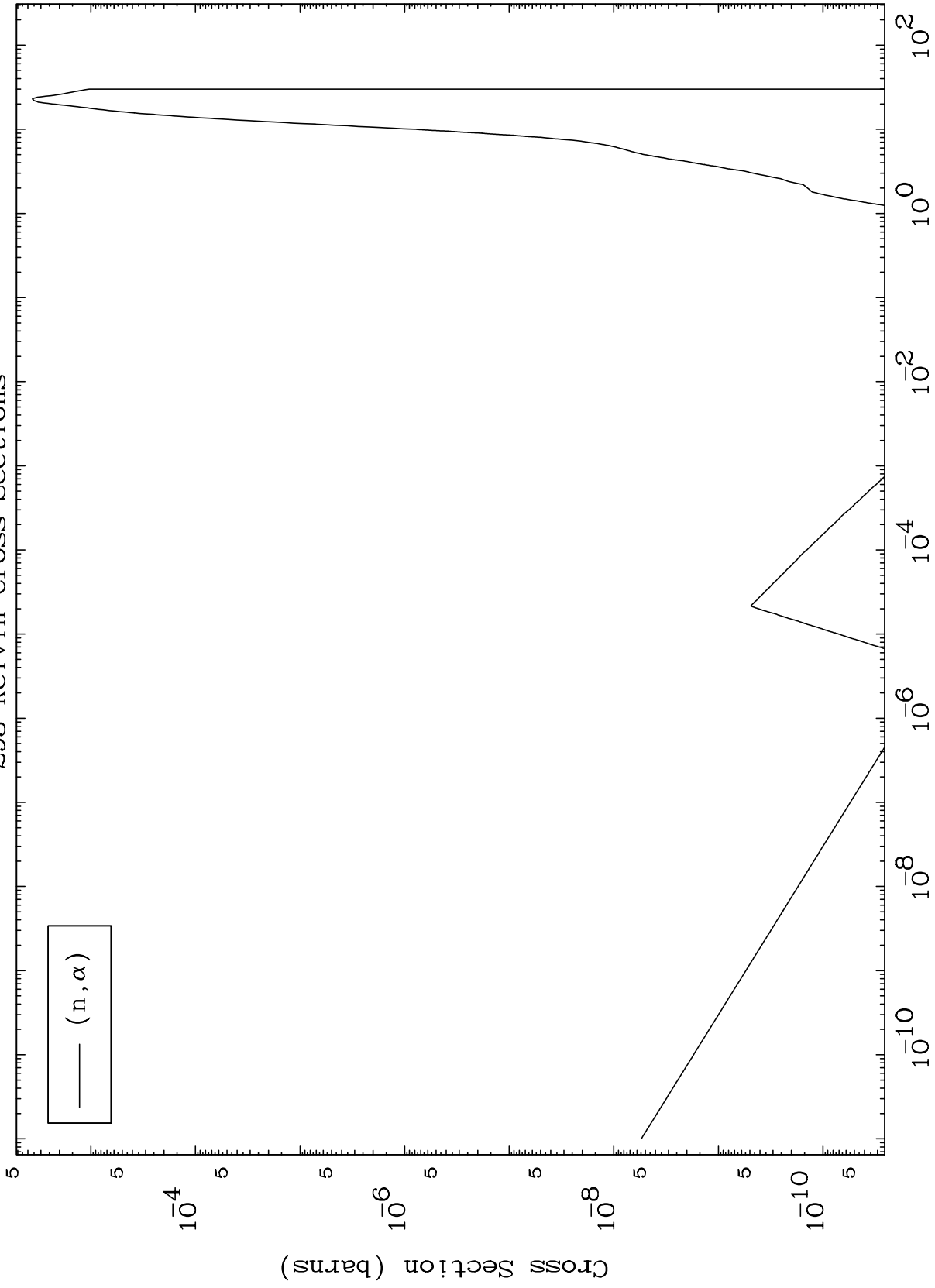
Incident Energy (MeV)

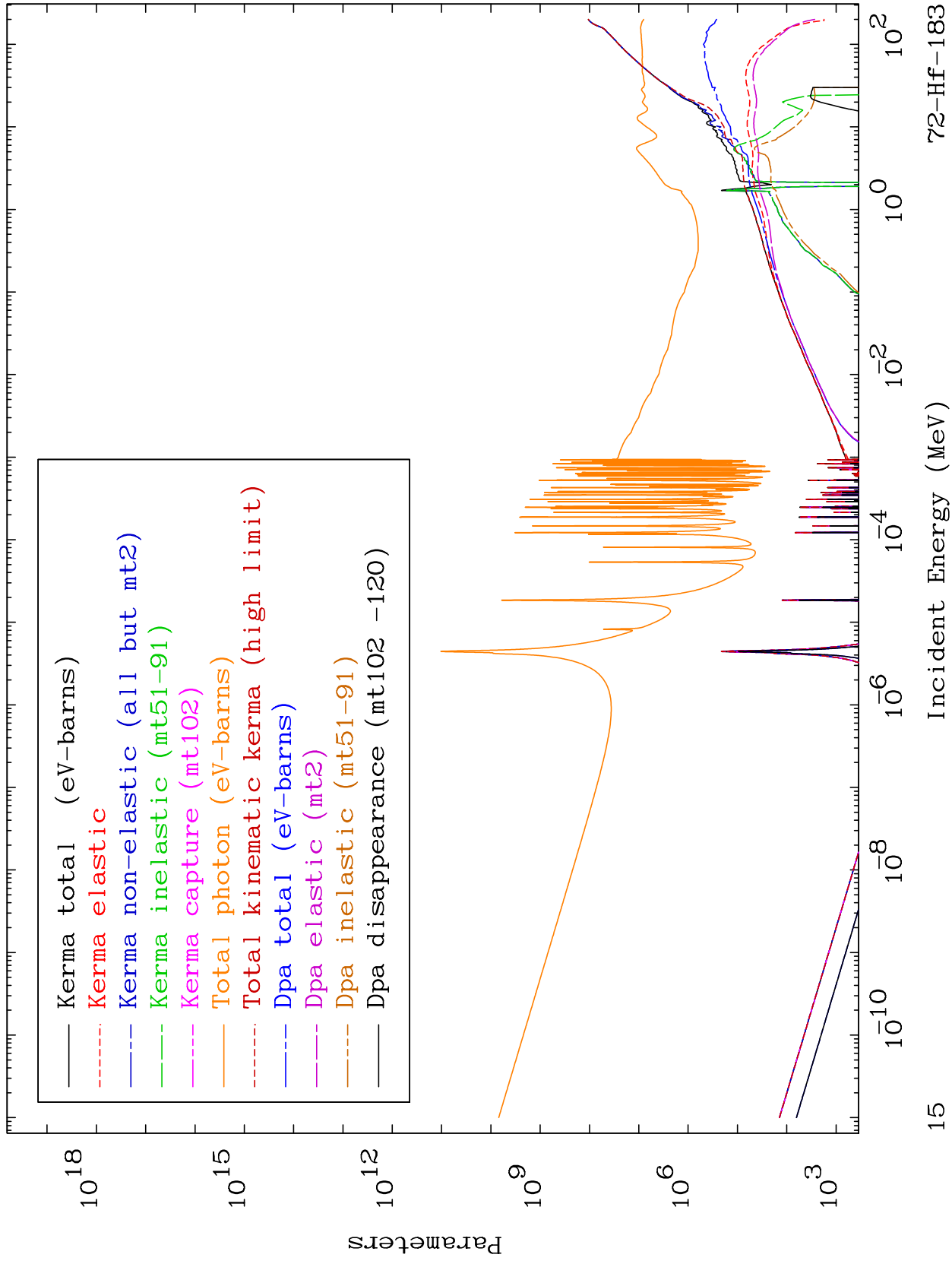
72-Hf-183

MAT 7252

(n, α) Levels
293 Kelvin Cross Sections

72-Hf-183

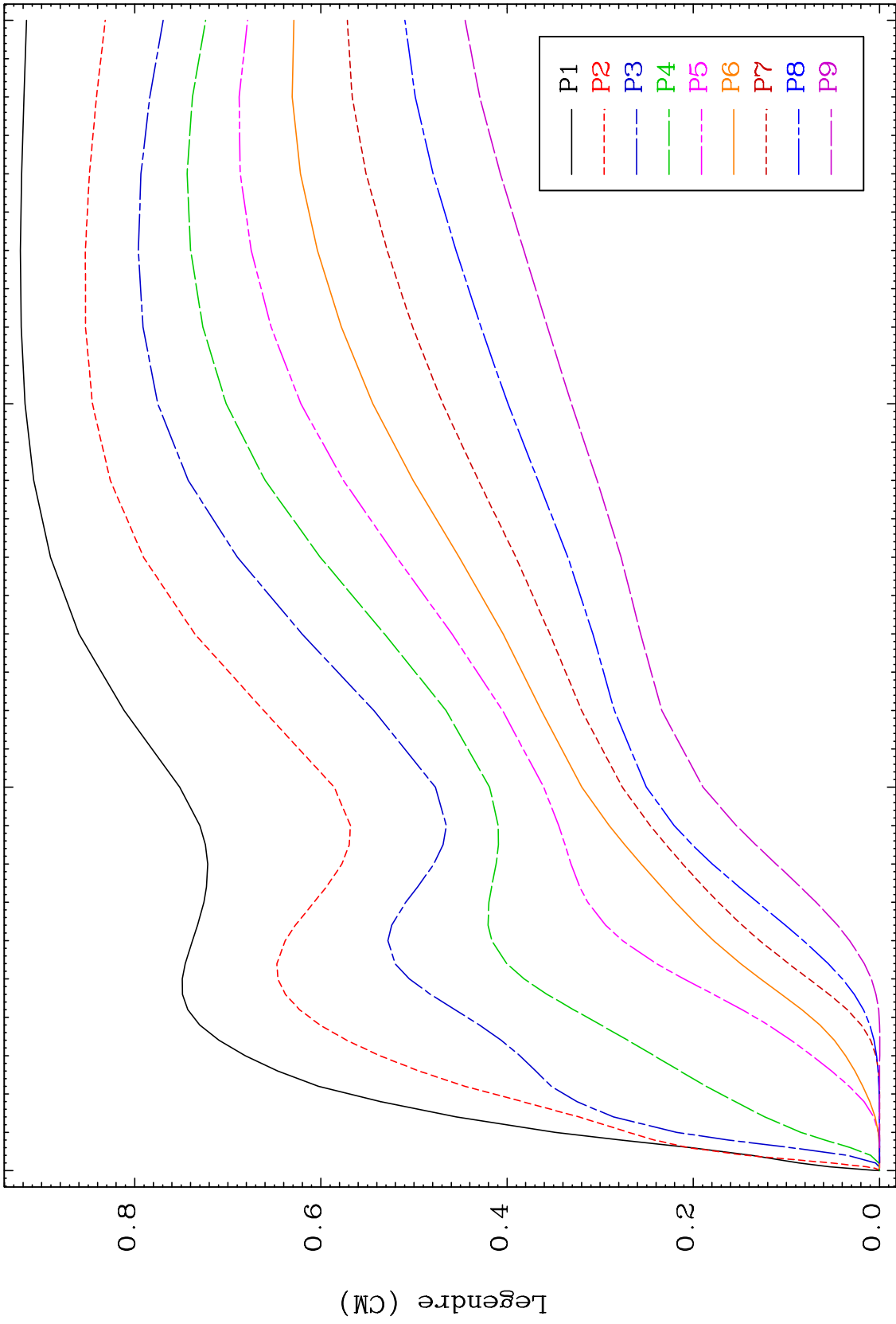




MAT 7252

Elastic Legendre Coefficients

72-Hf-183



72-Hf-183

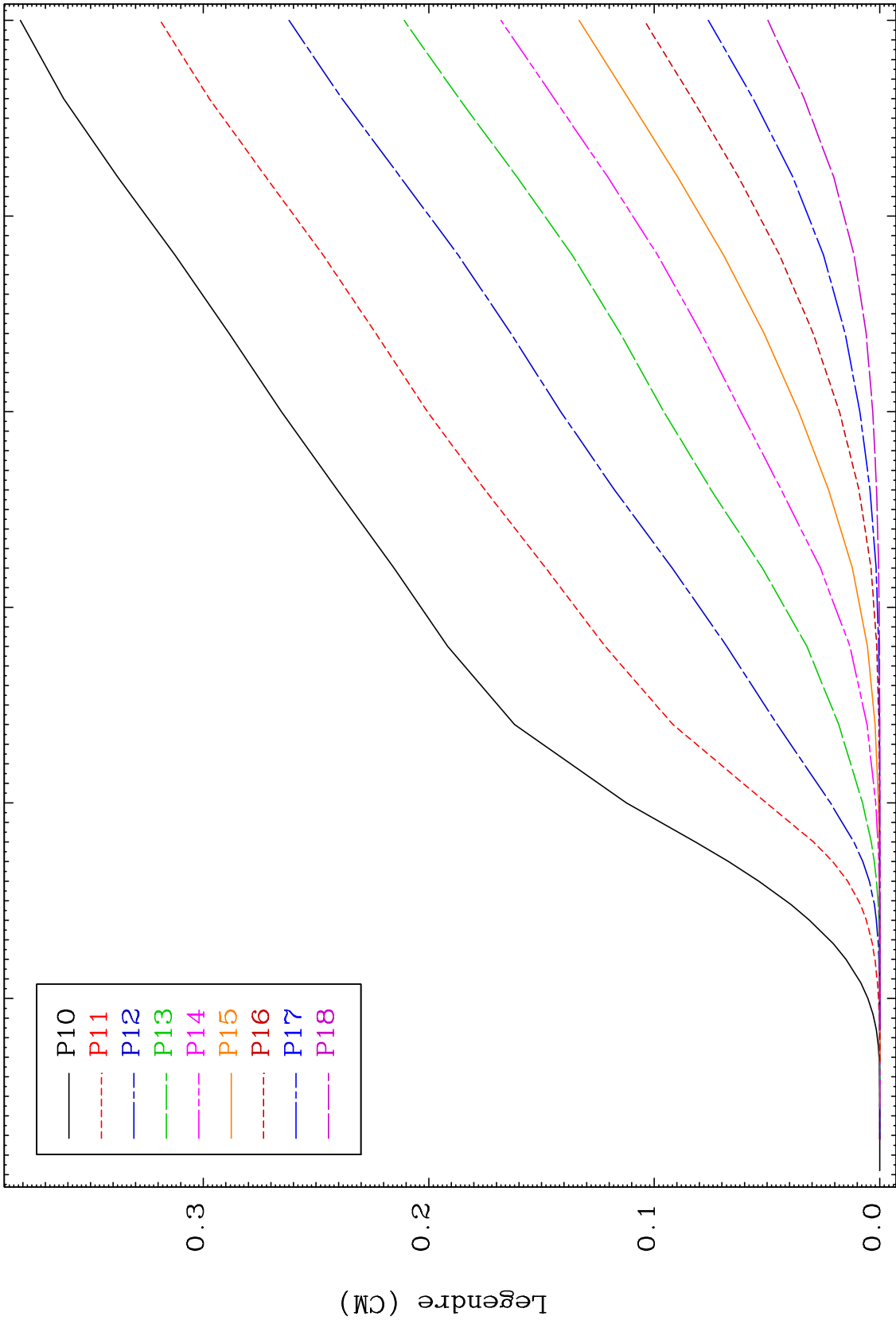
Incident Energy (MeV)

16

MAT 7252

Elastic Legendre Coefficients

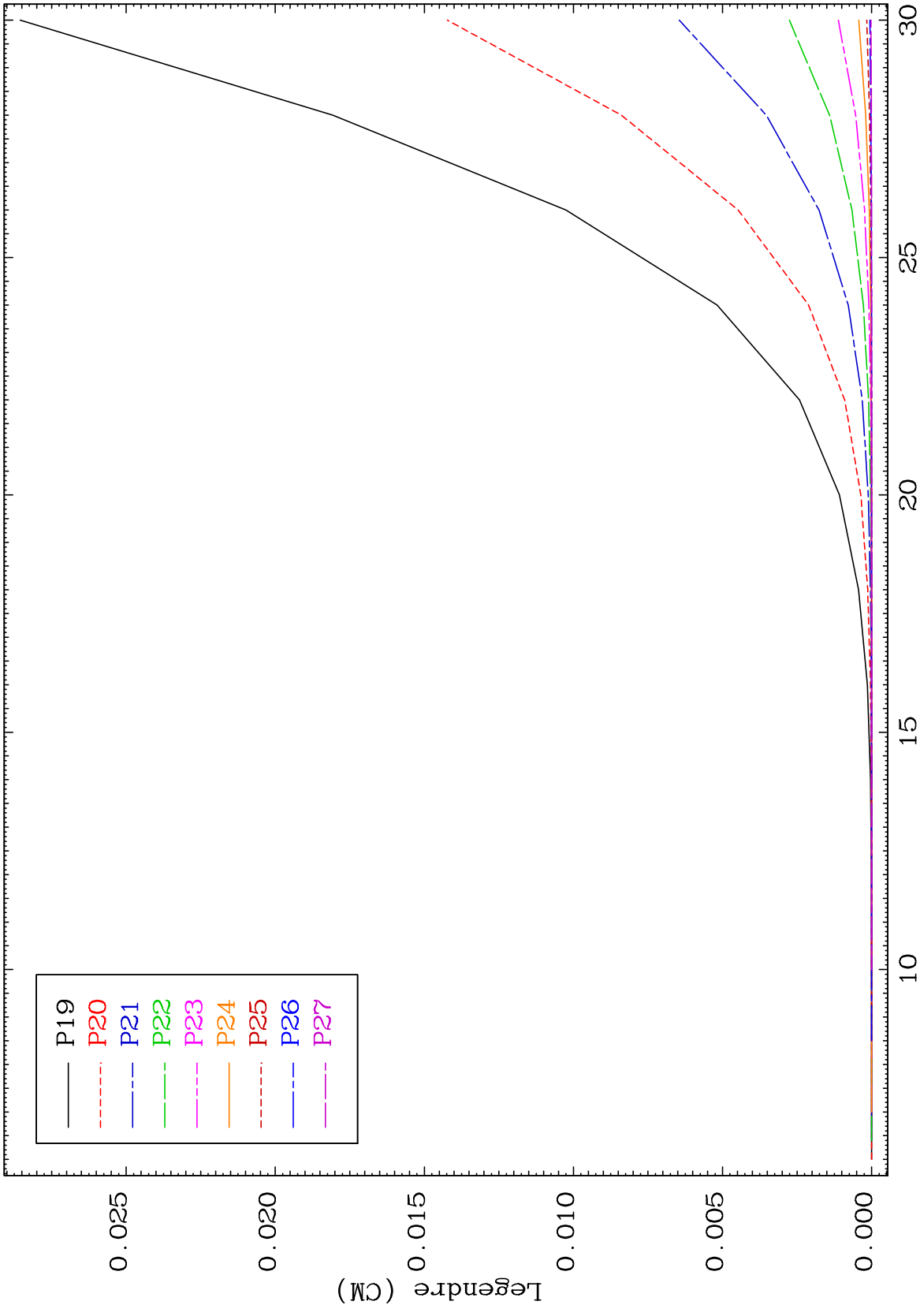
72-Hf-183



17

Incident Energy (MeV)

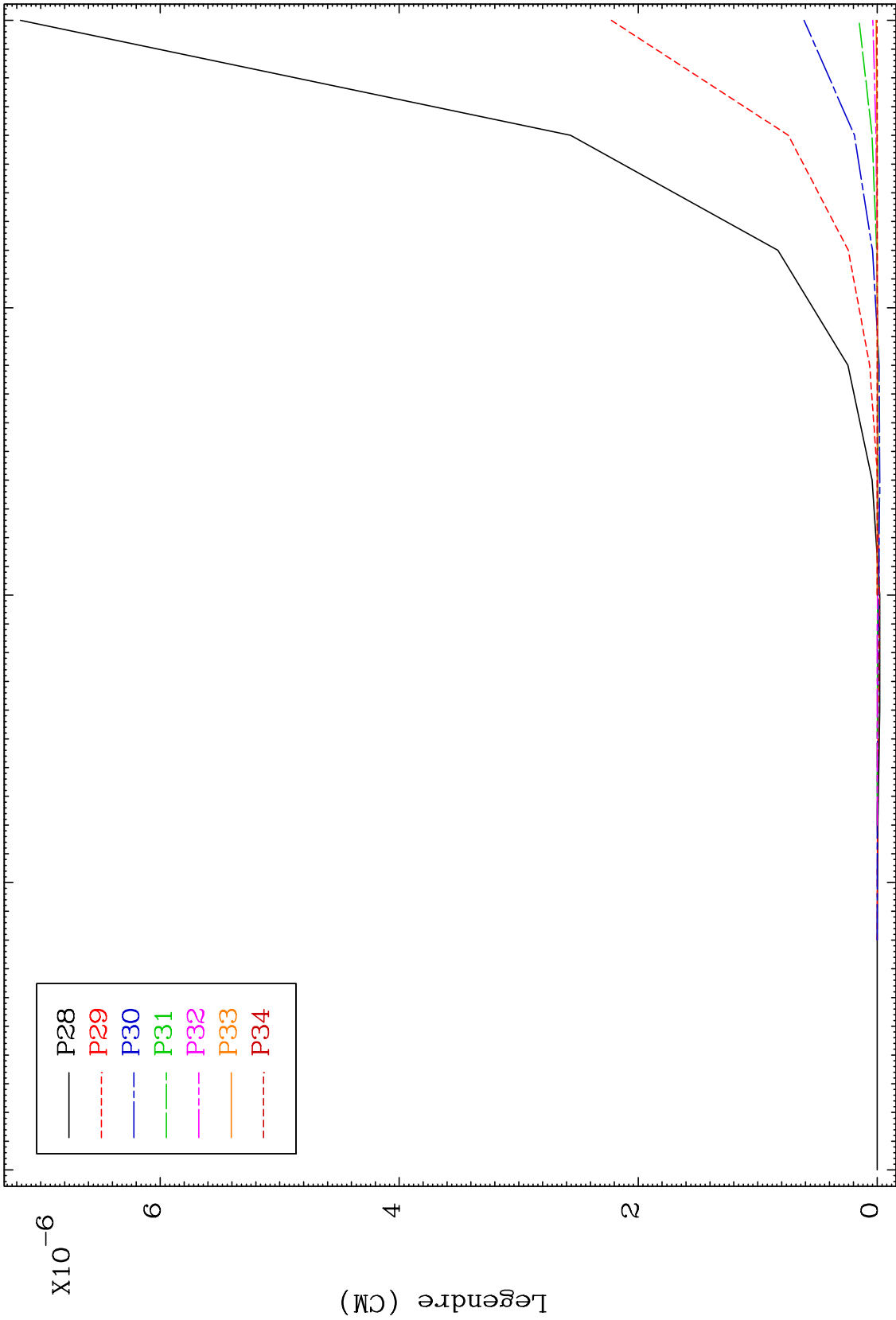
72-Hf-183



MAT 7252

Elastic Legendre Coefficients

72-Hf-183



19

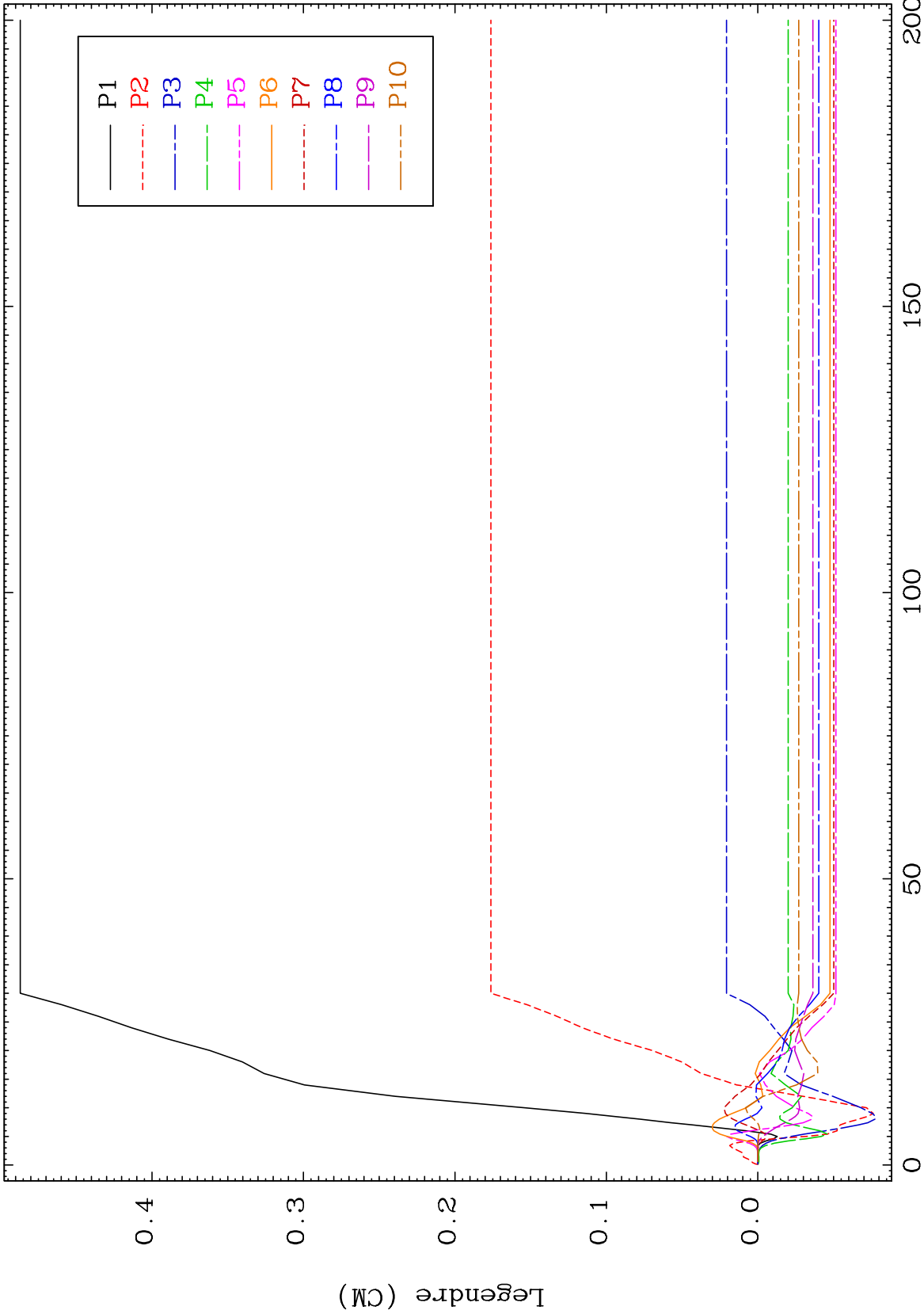
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



72-Hf-183

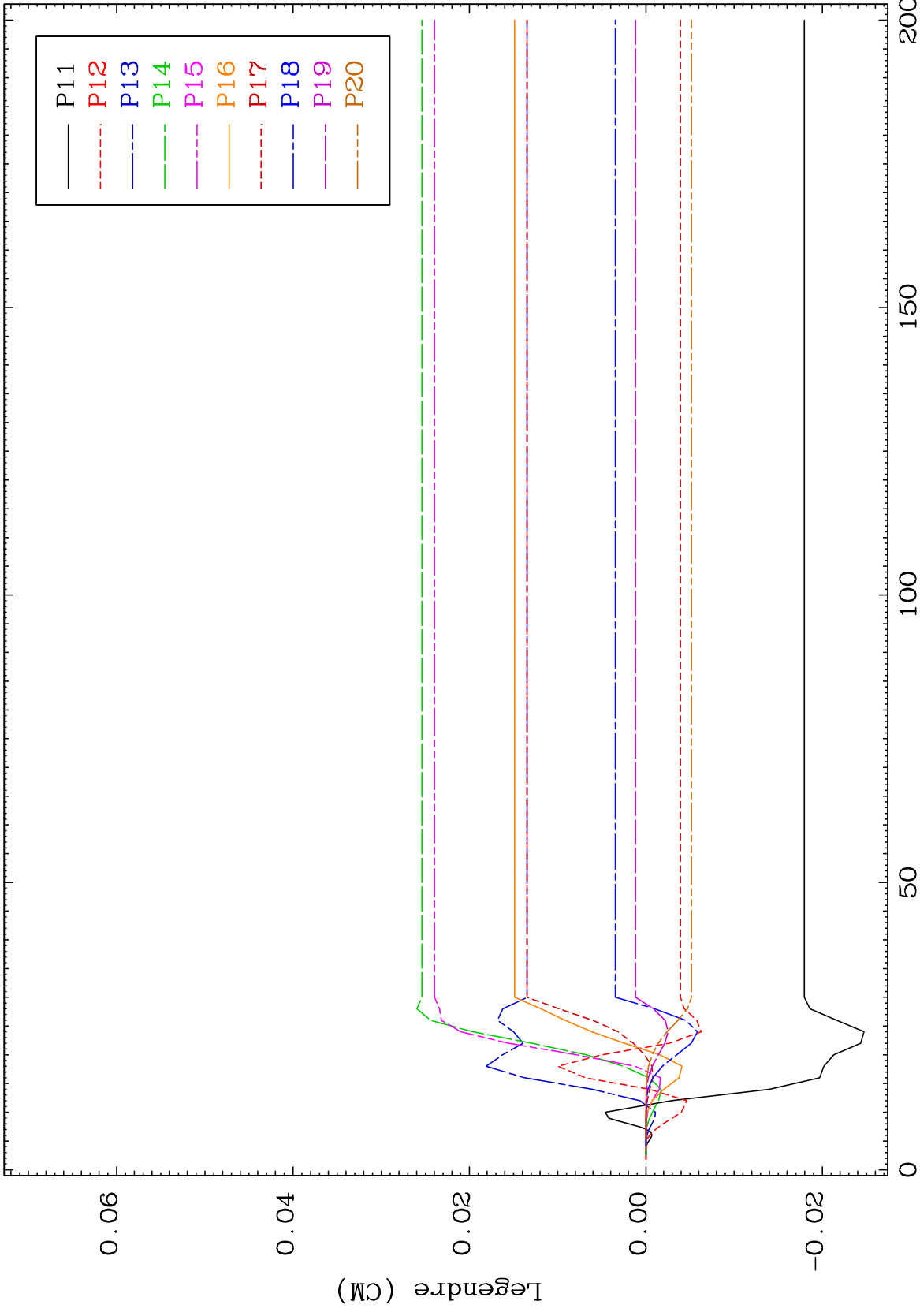
Incident Energy (MeV)

20

MAT 7252

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

72-Hf-183



21

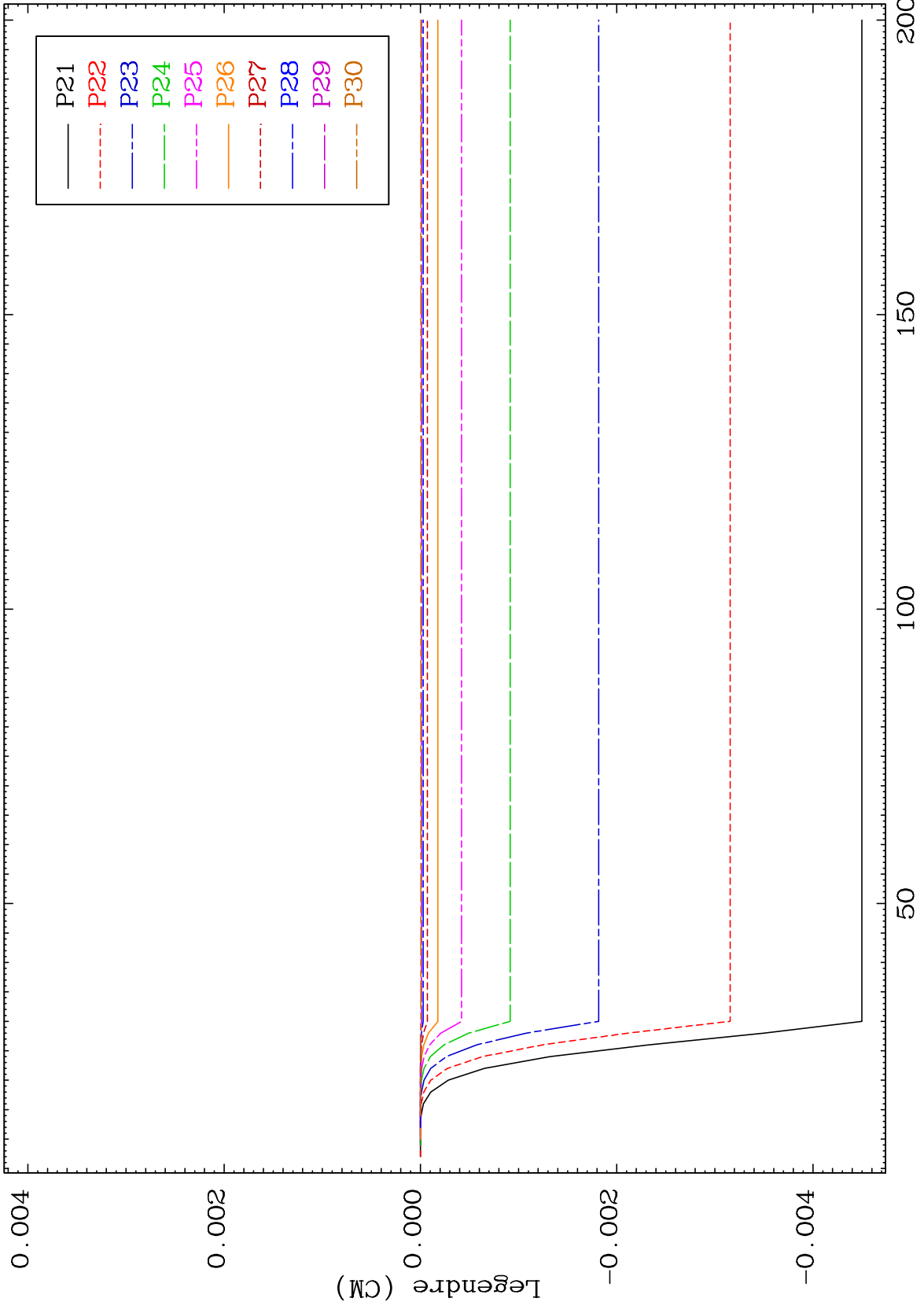
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



22

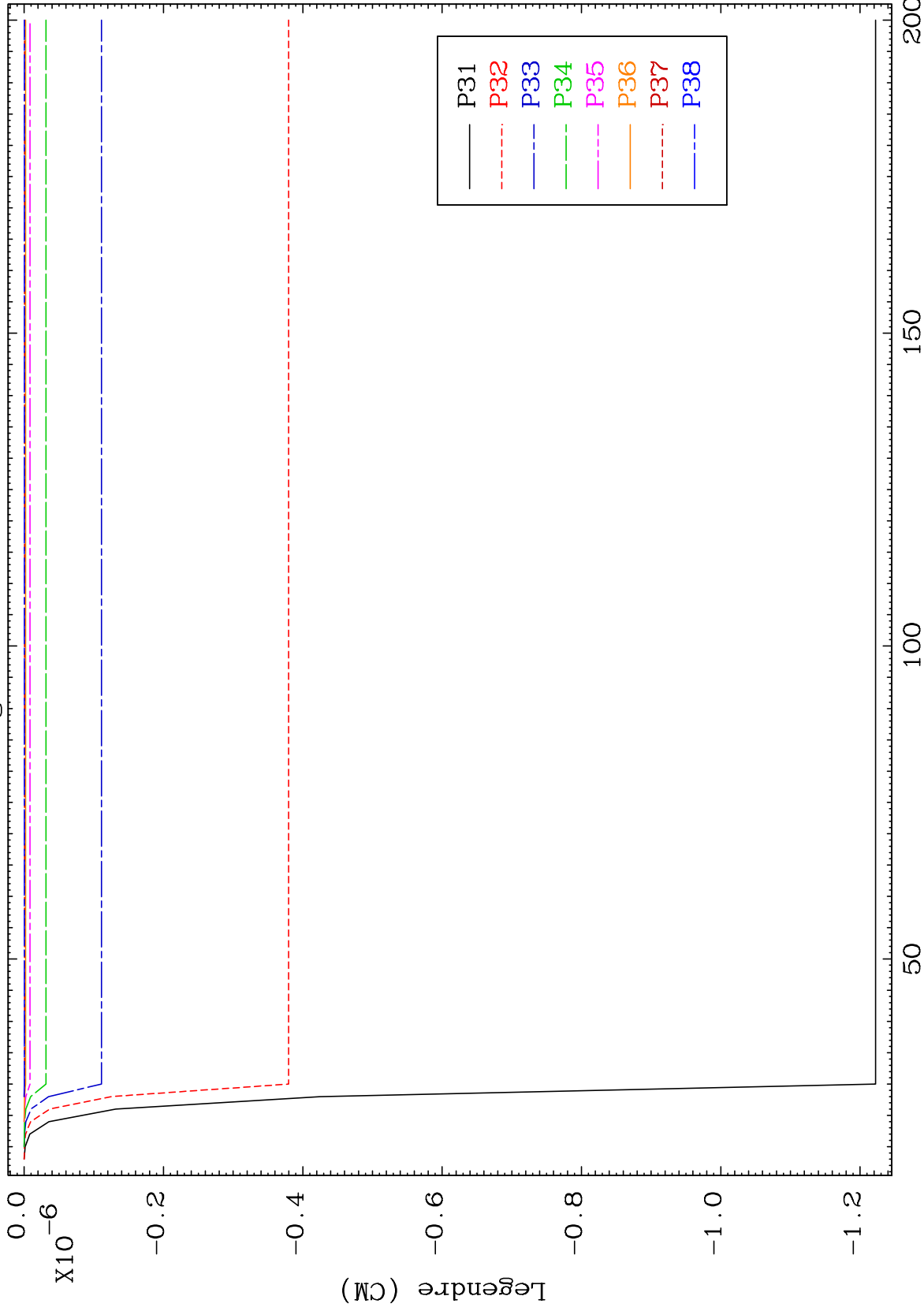
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



23

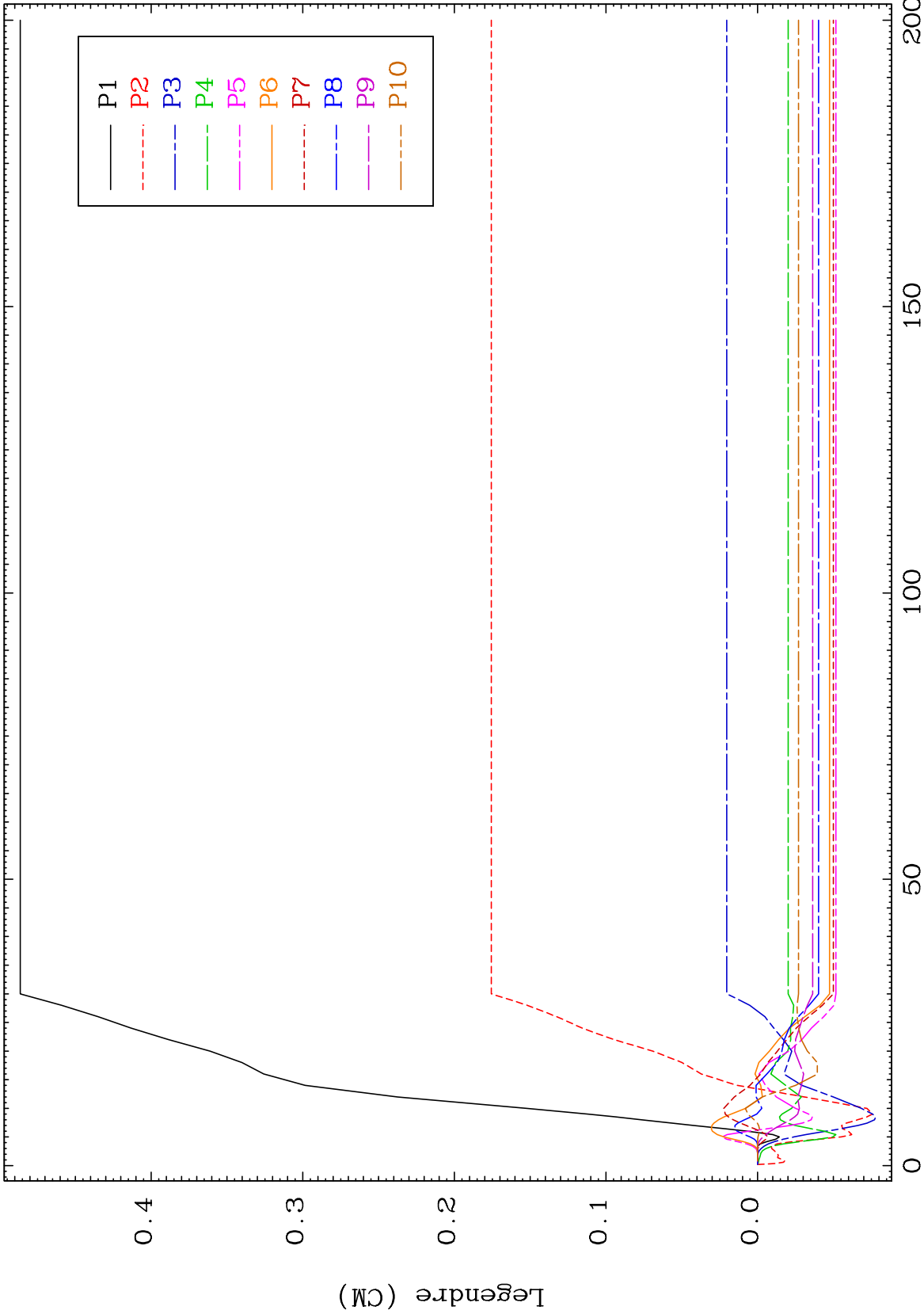
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



24

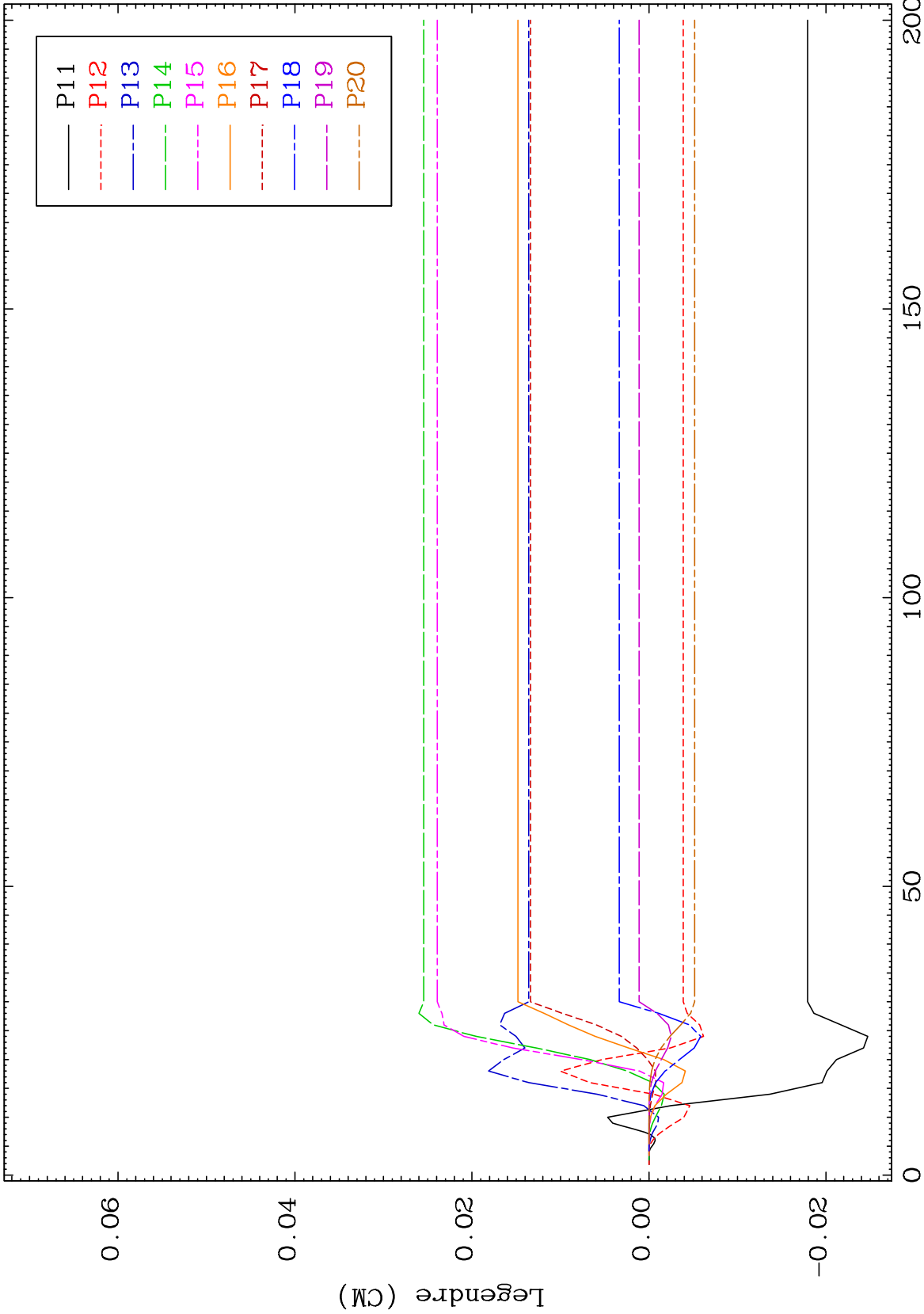
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



25

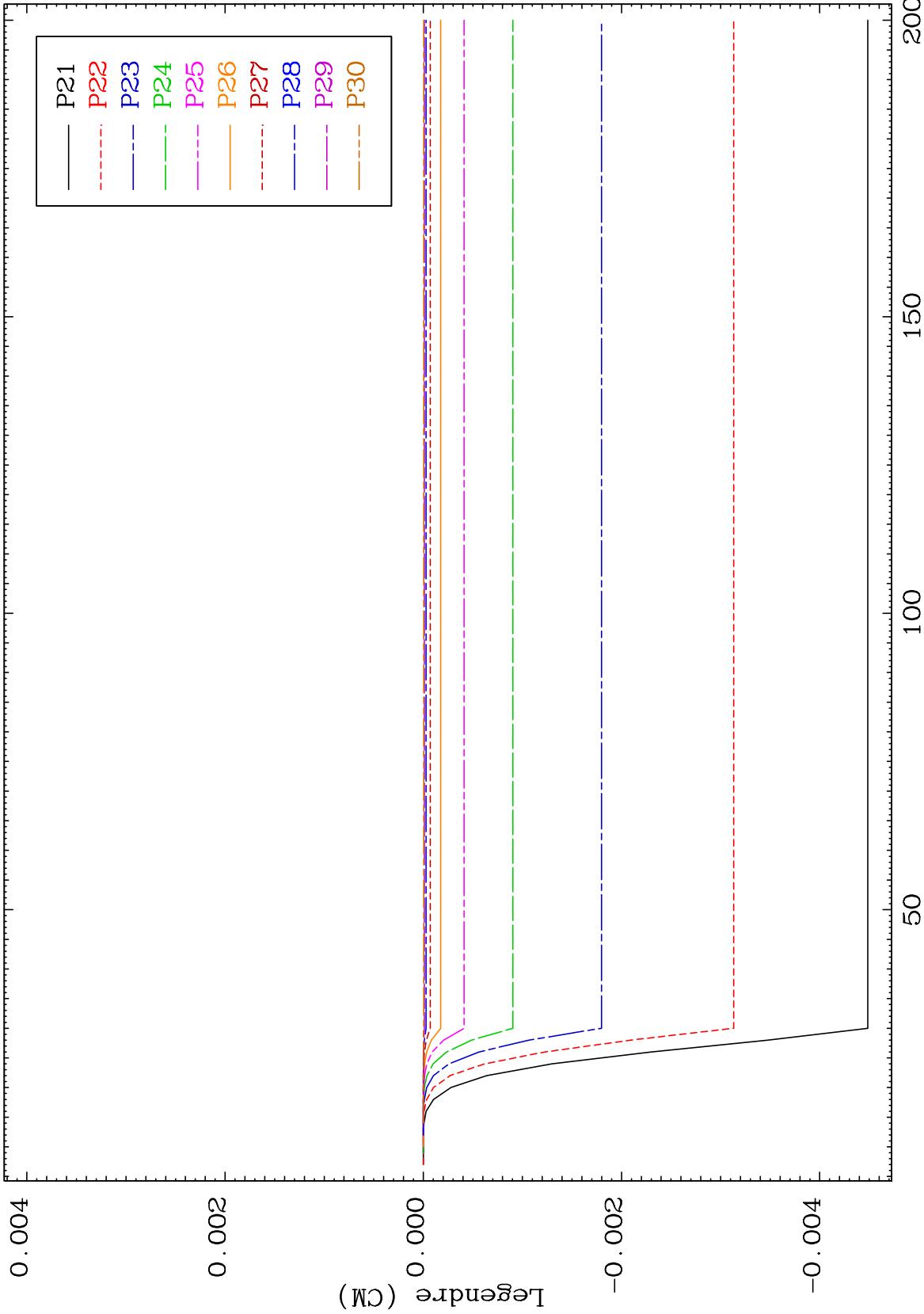
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



26

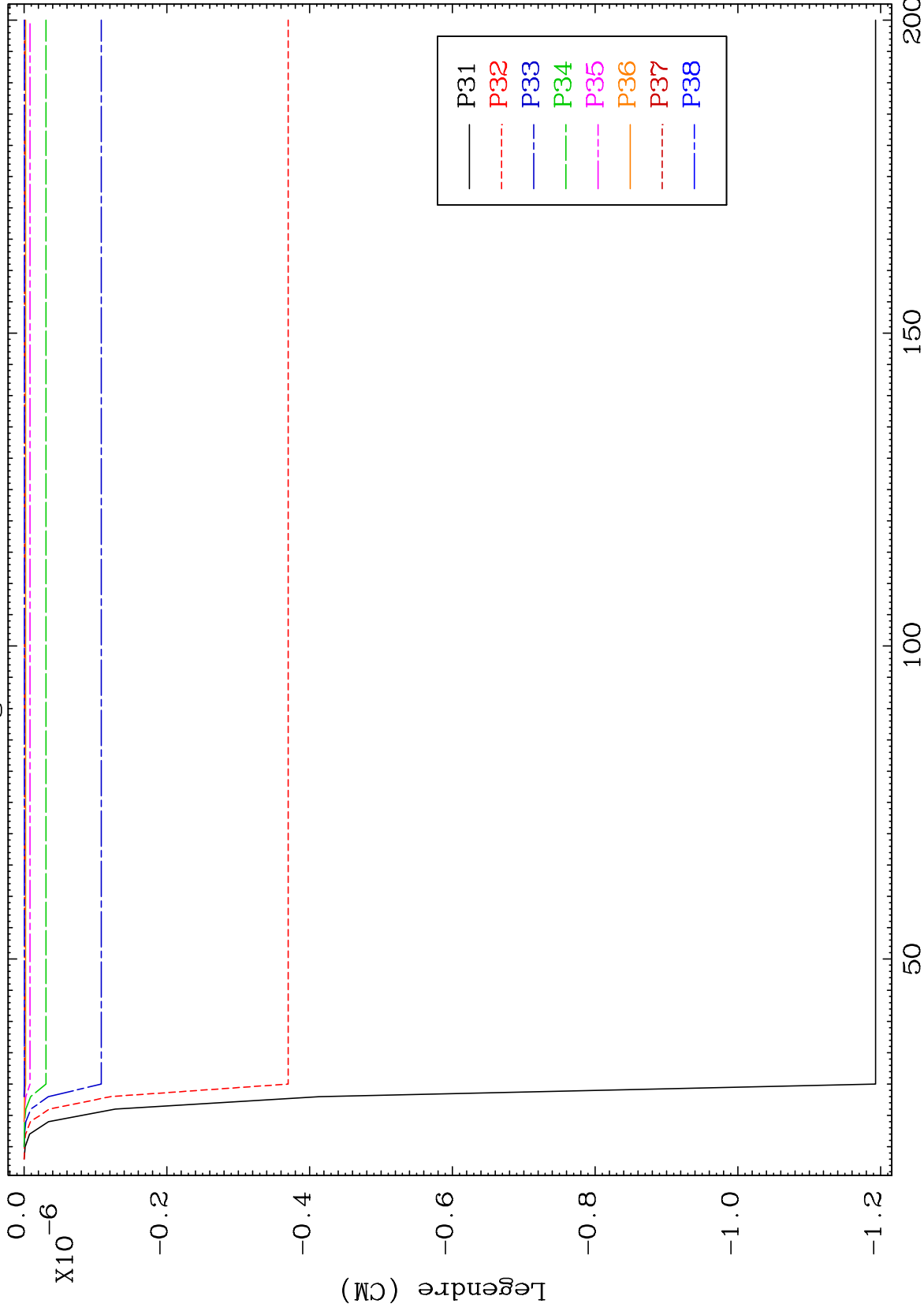
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



27

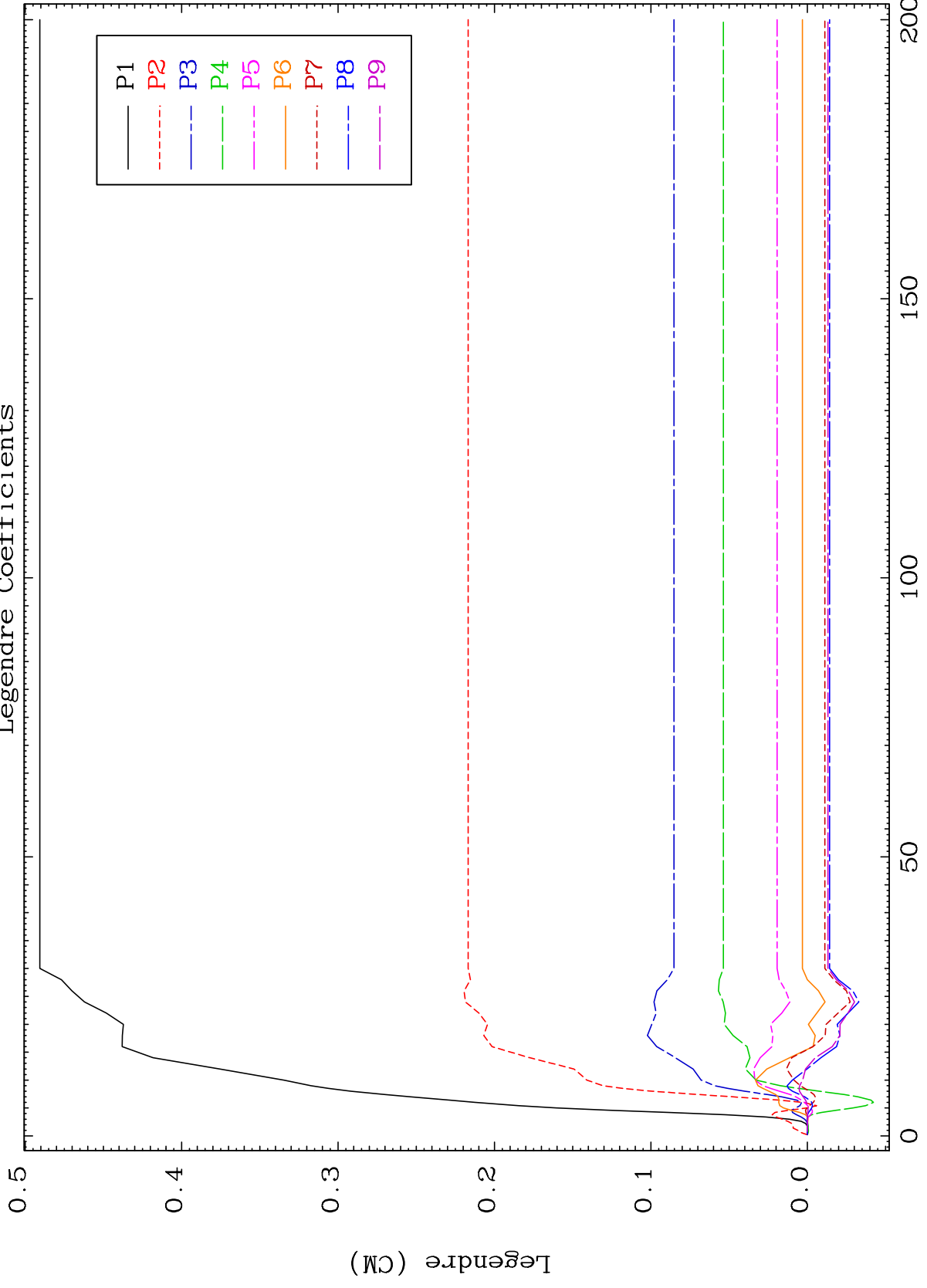
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



28

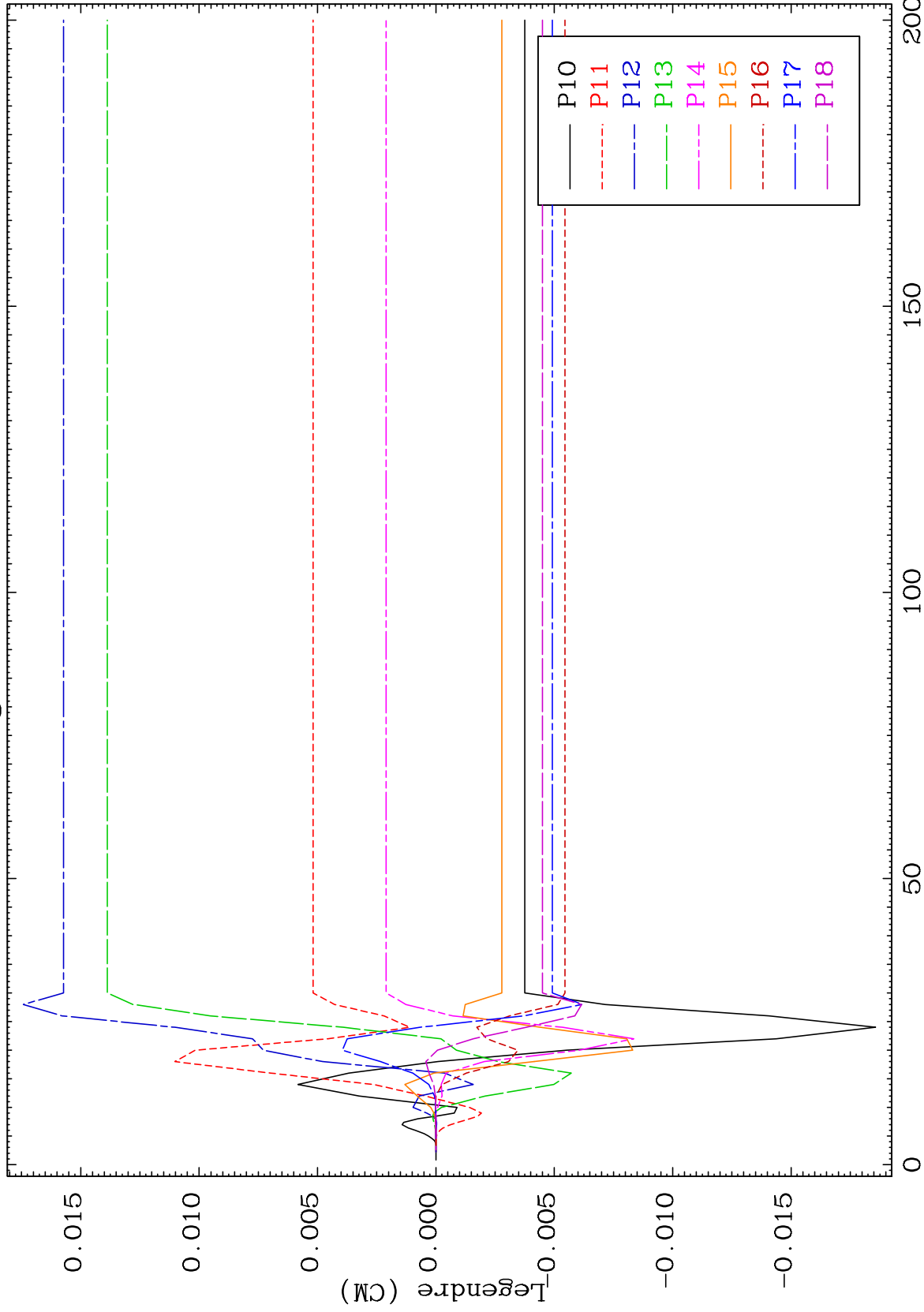
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



29

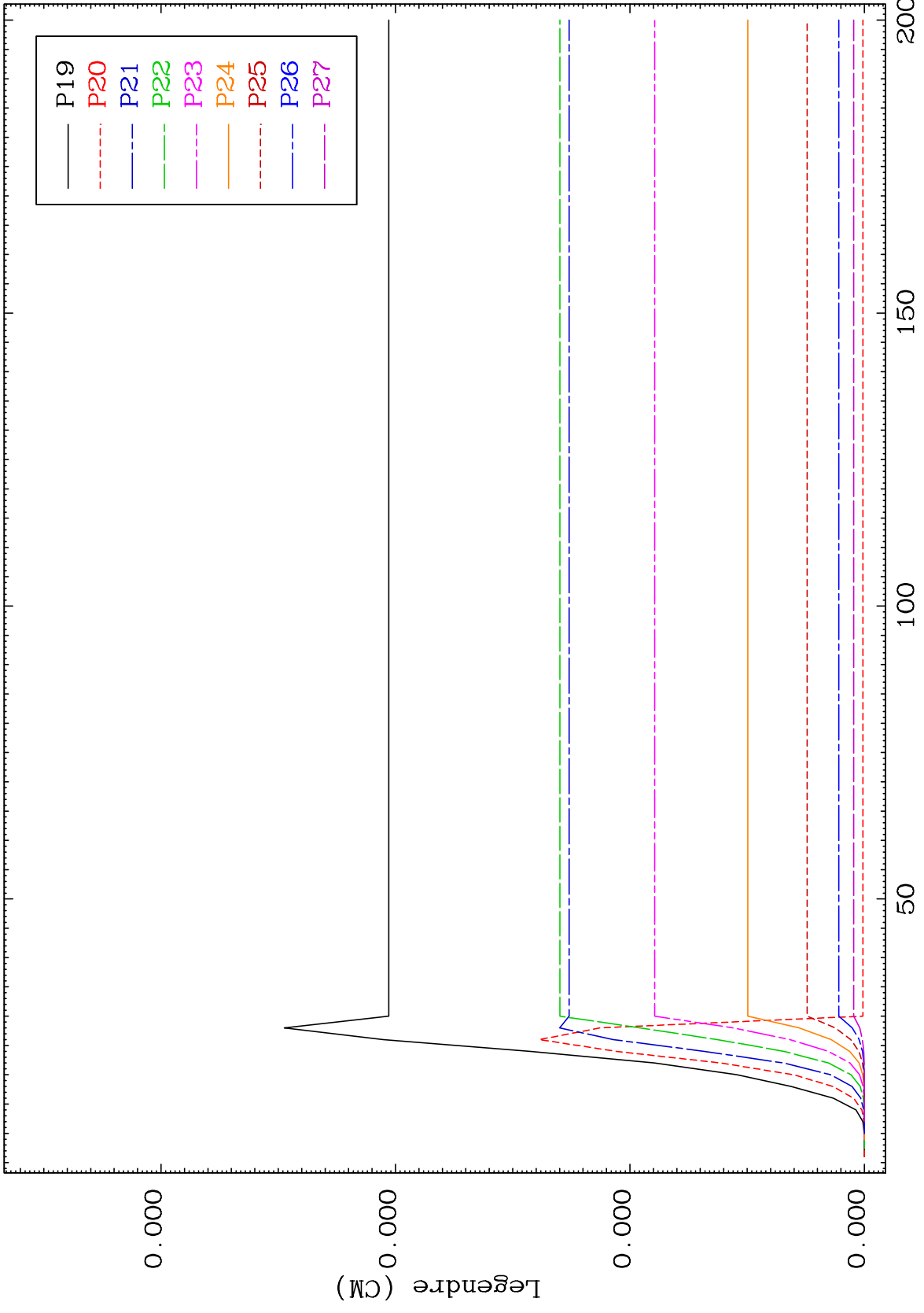
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

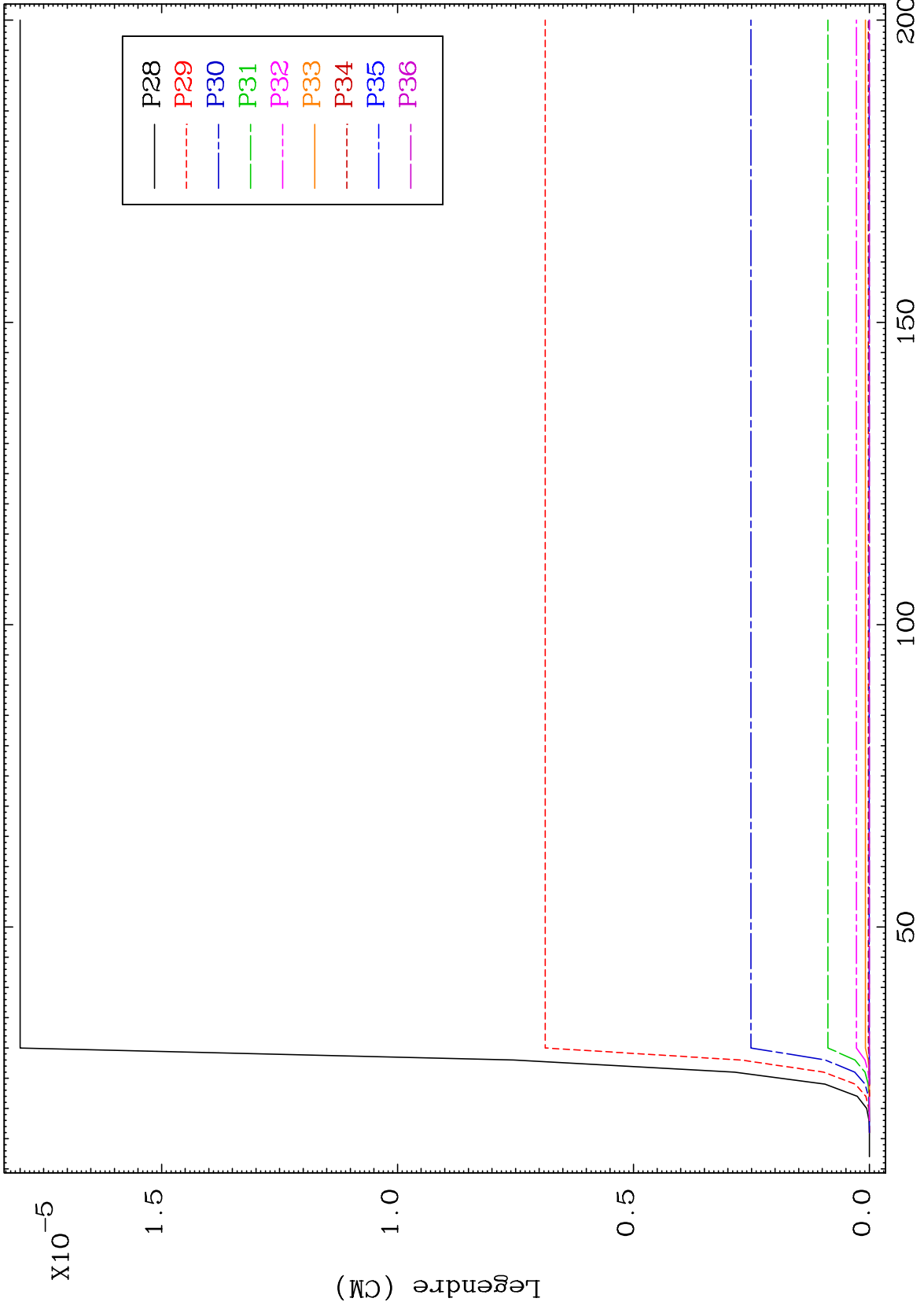
72-Hf-183



30

Incident Energy (MeV)

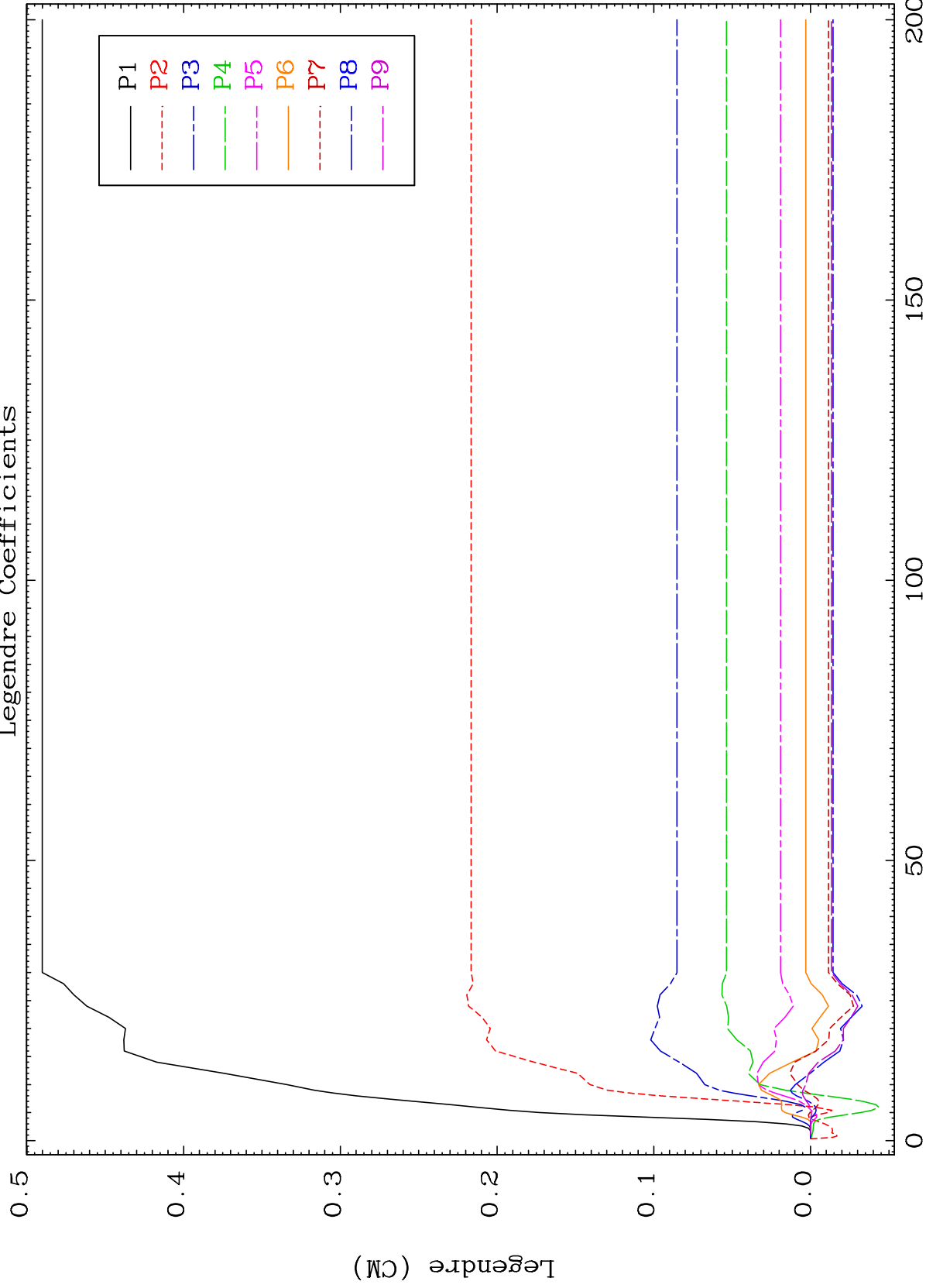
72-Hf-183



MAT 7252

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

72-Hf-183



32

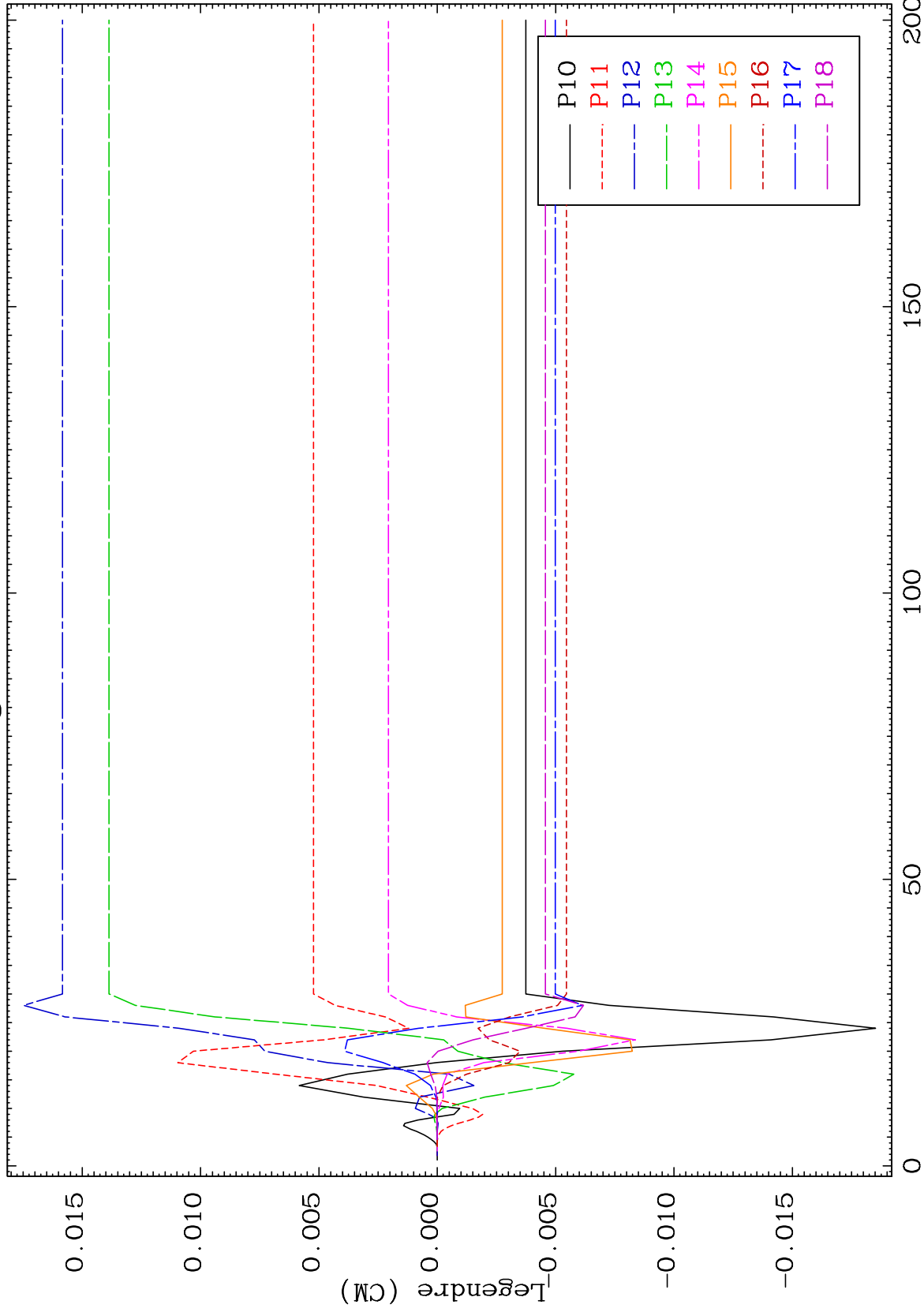
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



33

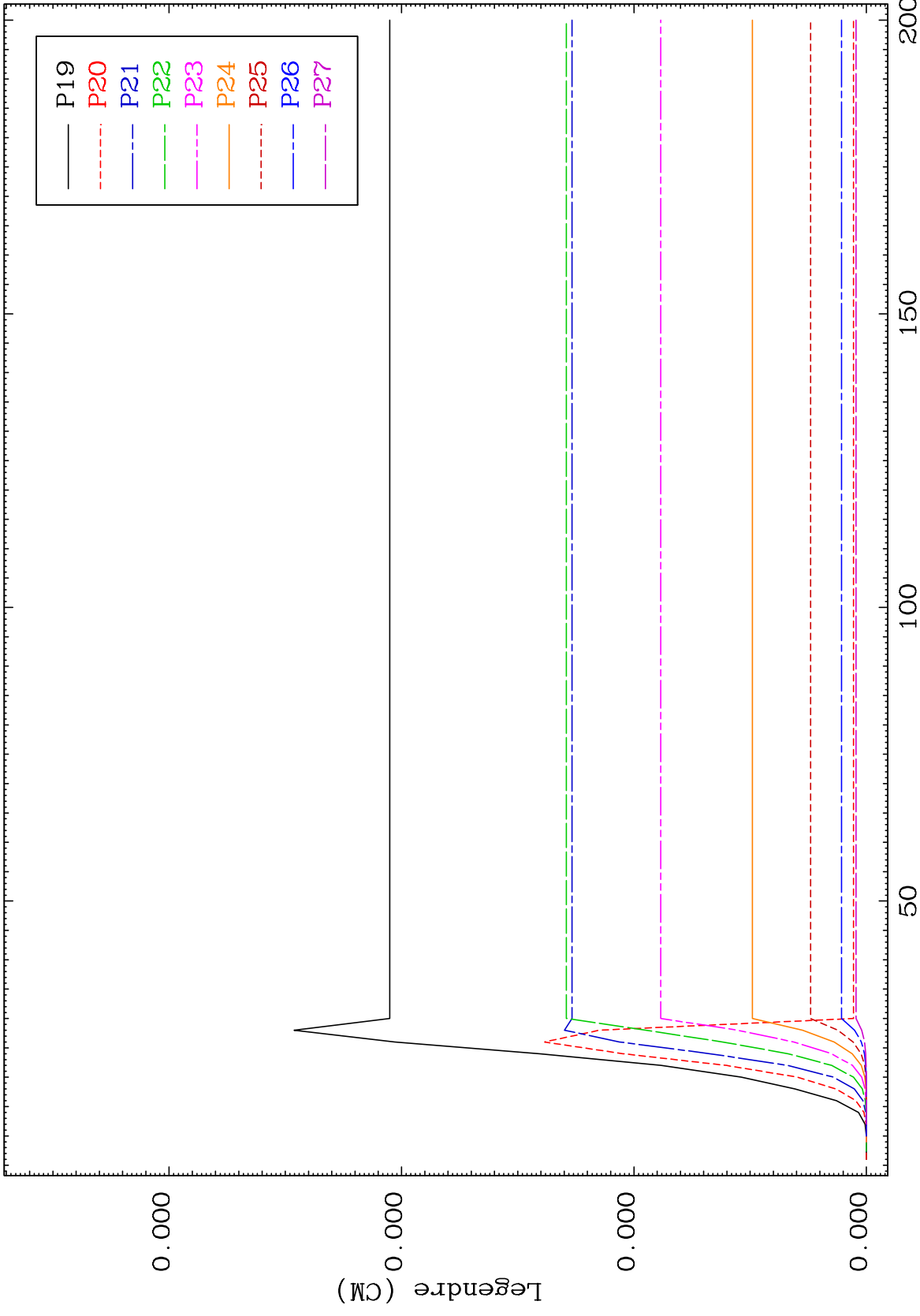
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



34

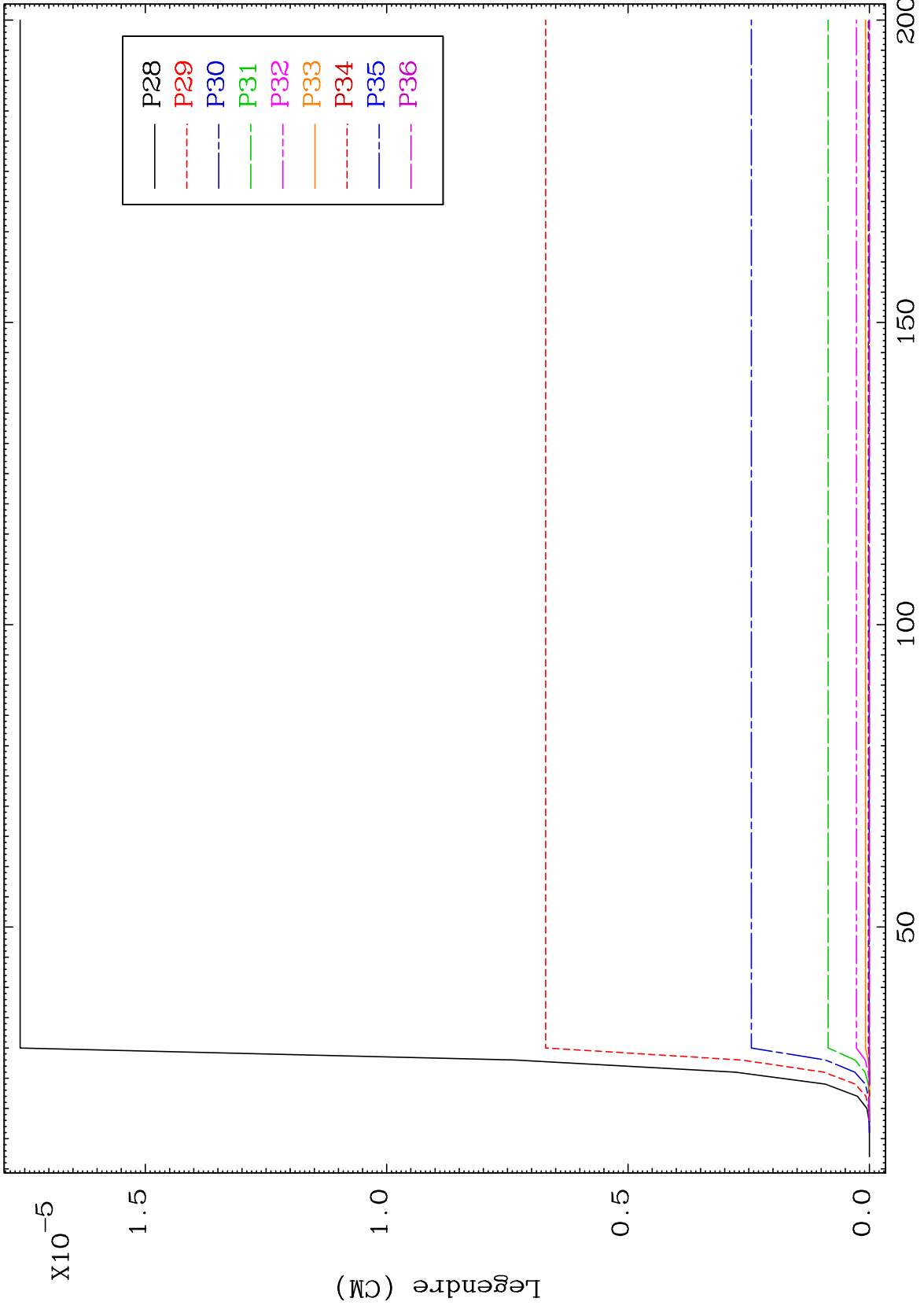
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



35

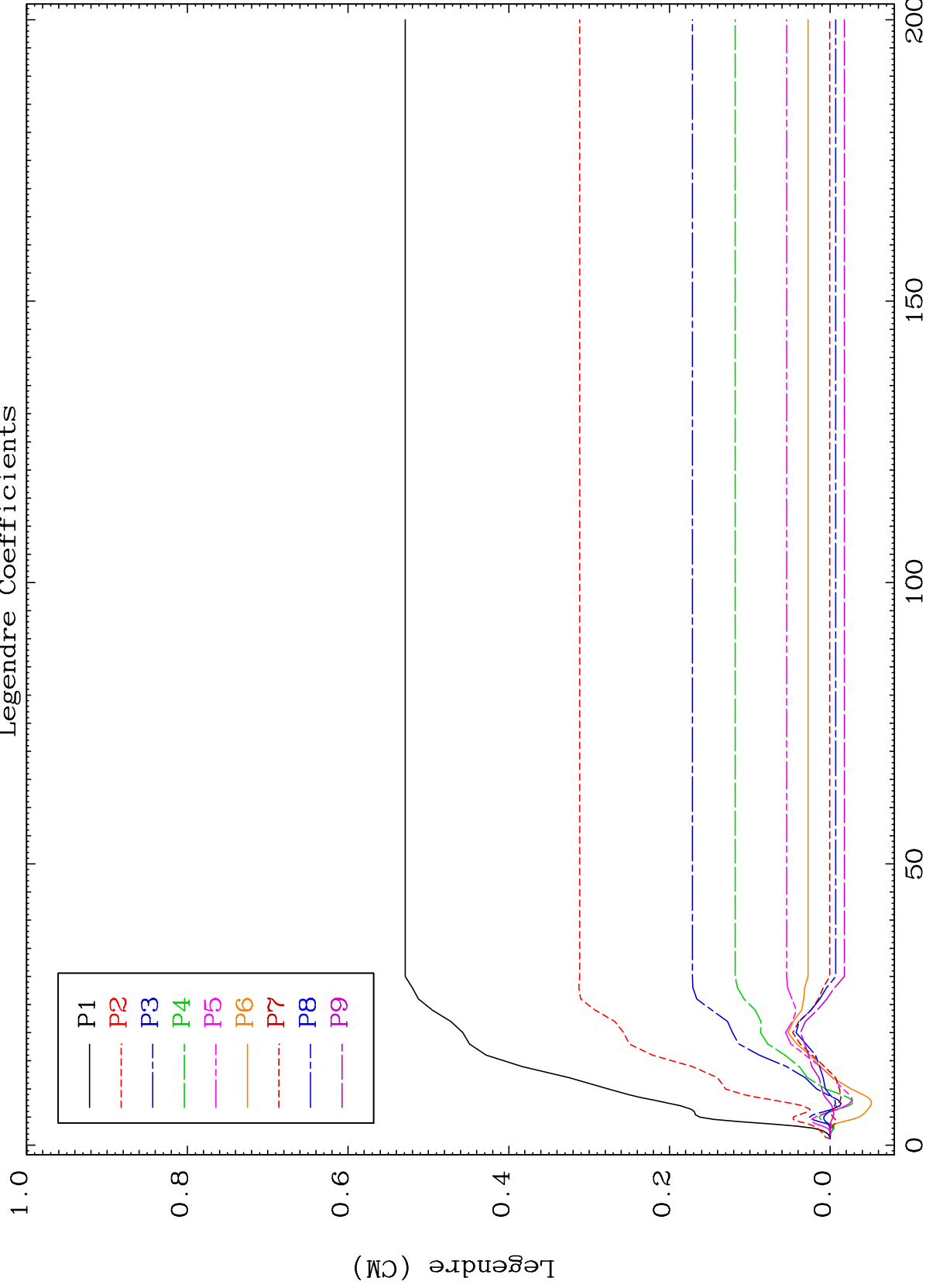
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



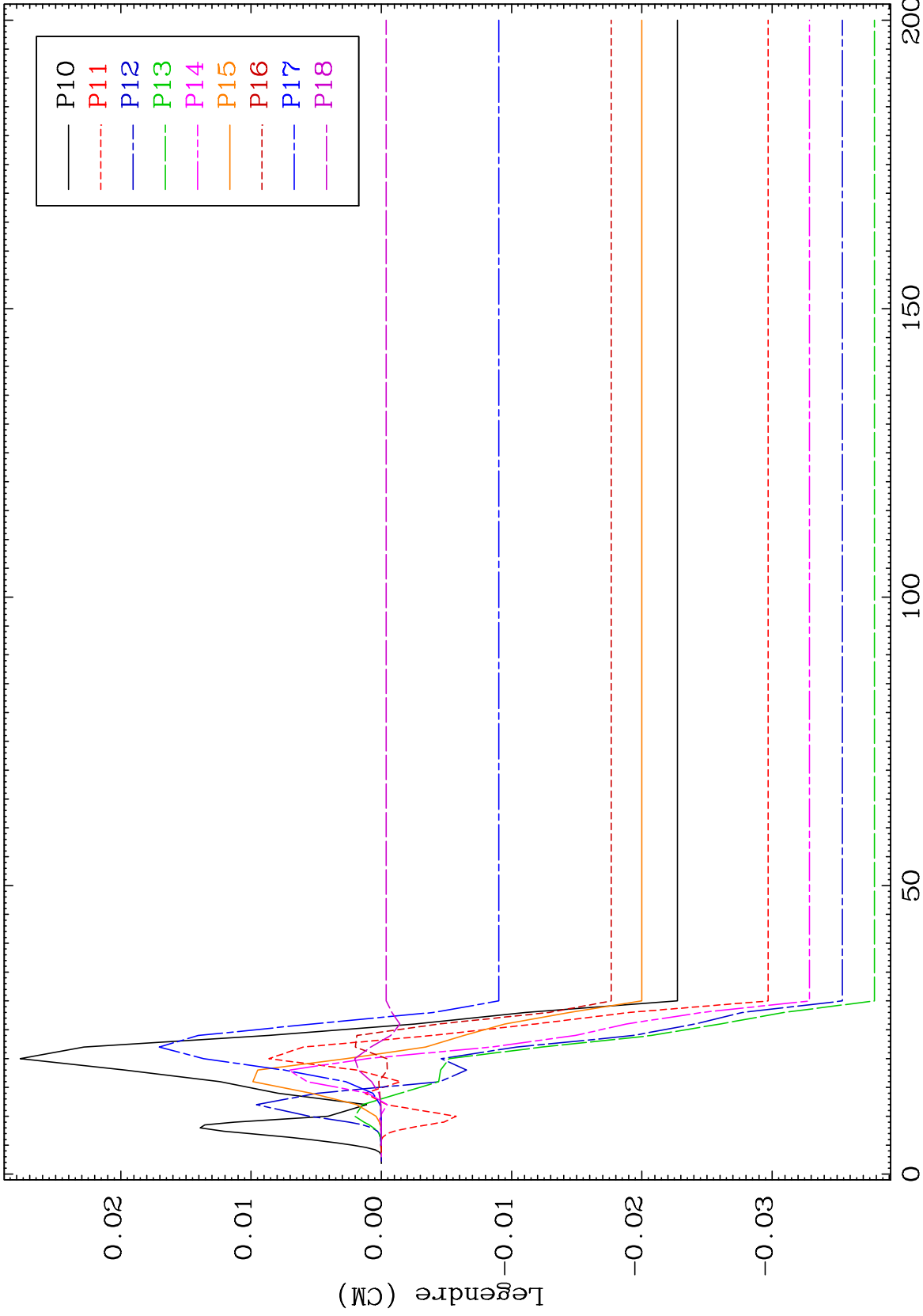
36

72-Hf-183

MAT 7252

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

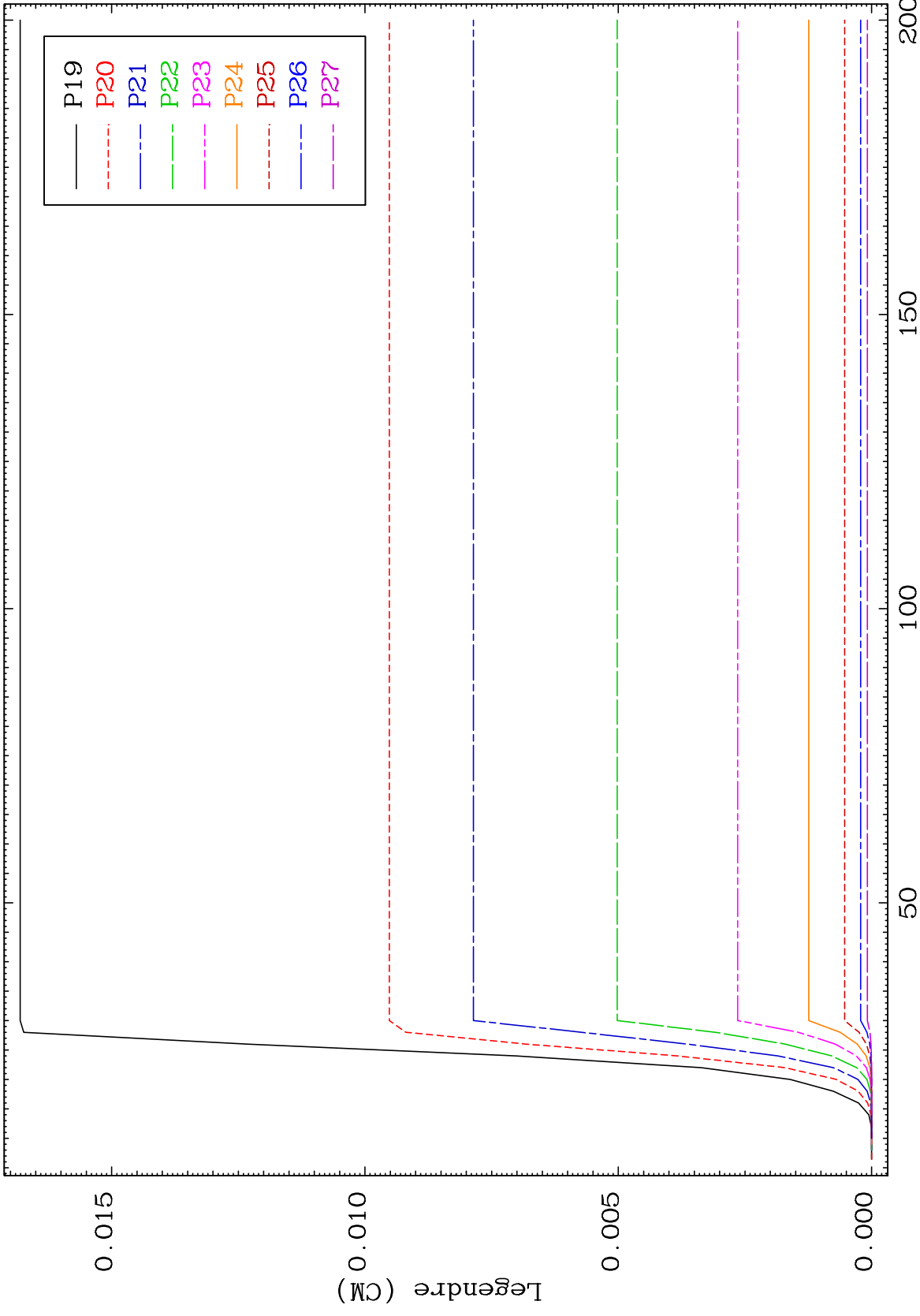
72-Hf-183



37

Incident Energy (MeV)

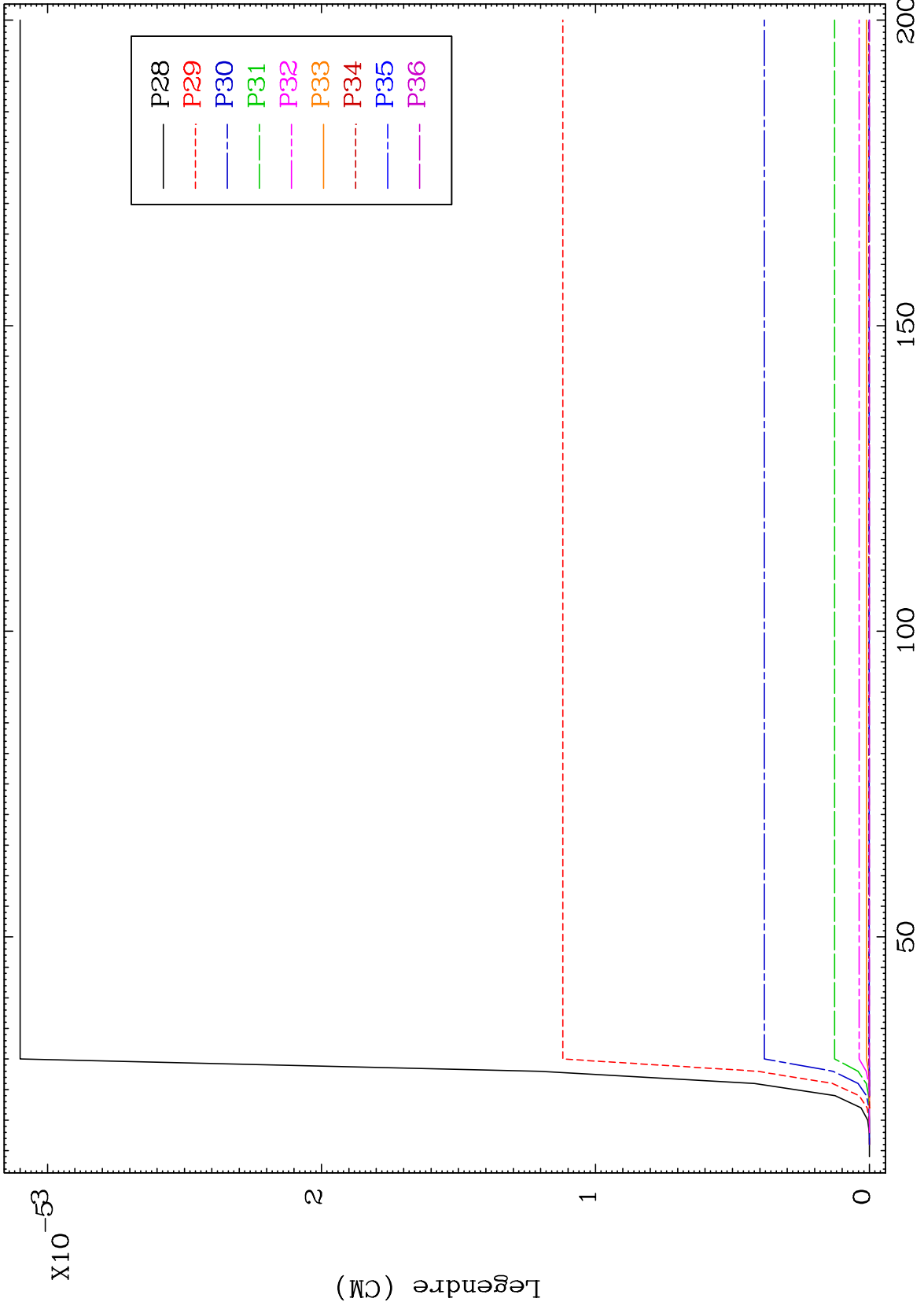
72-Hf-183



MAT 7252

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

72-Hf-183



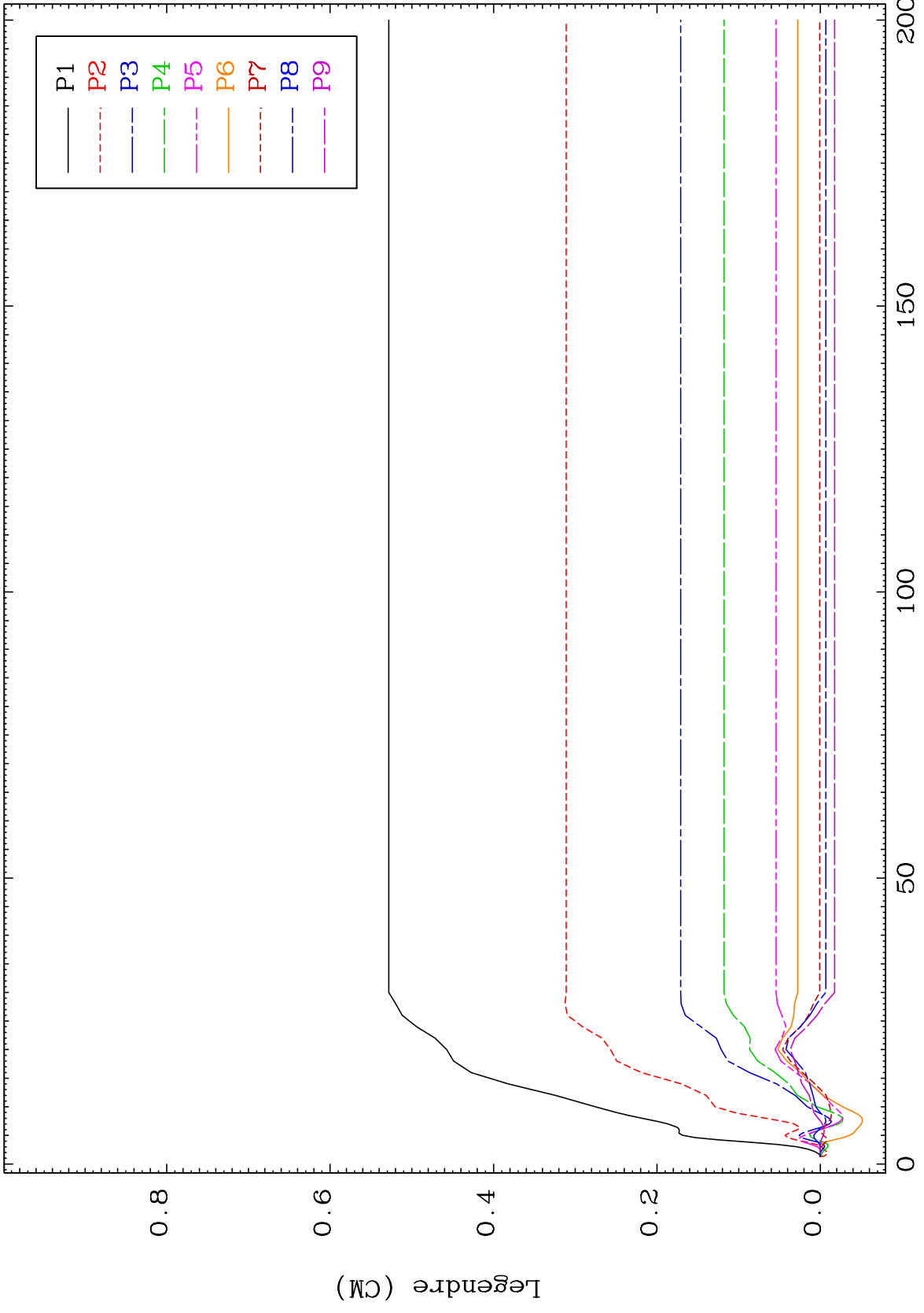
39

72-Hf-183

MAT 7252

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

72-Hf-183



72-Hf-183

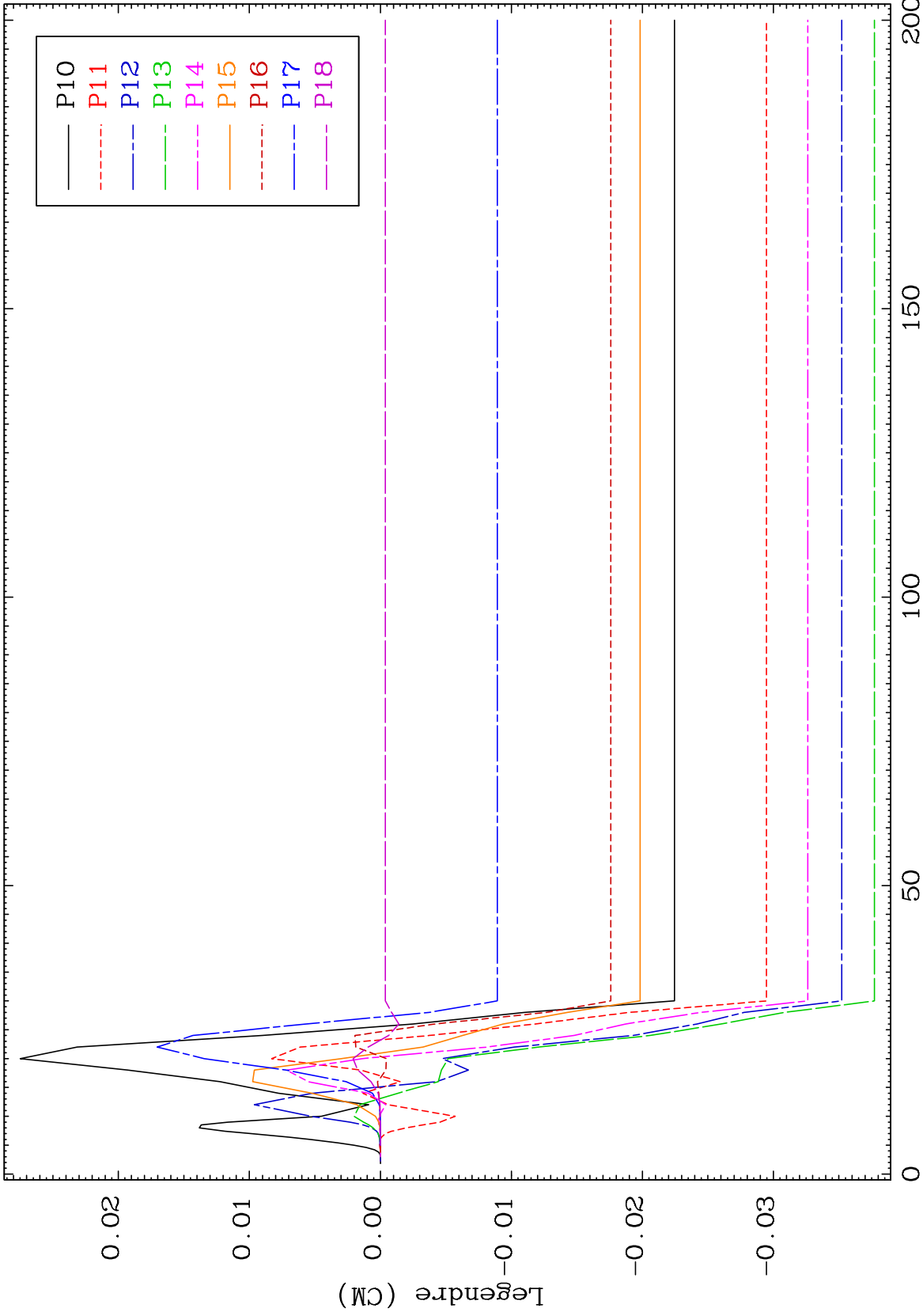
Incident Energy (MeV)

40

MAT 7252

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

72-Hf-183



41

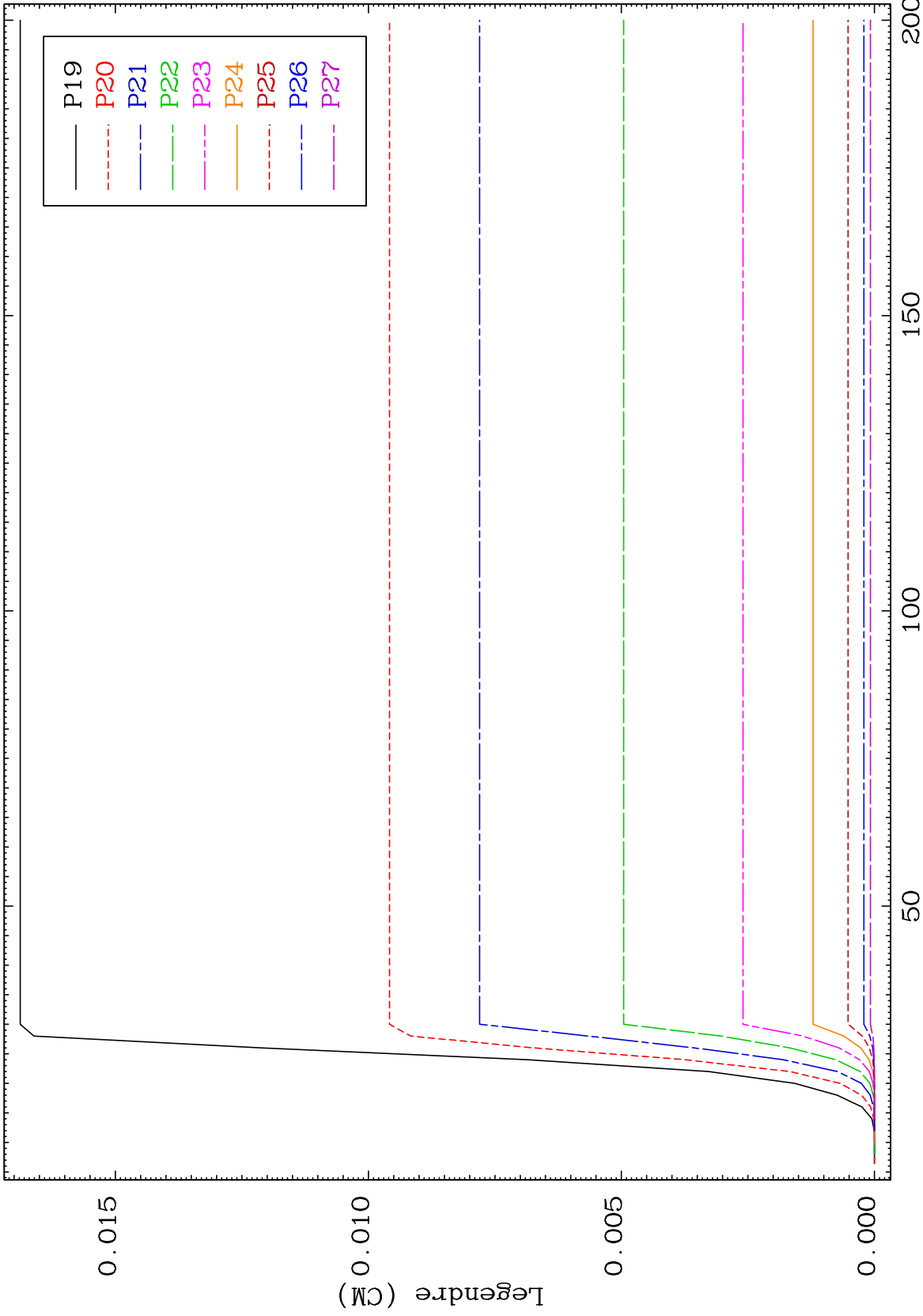
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



42

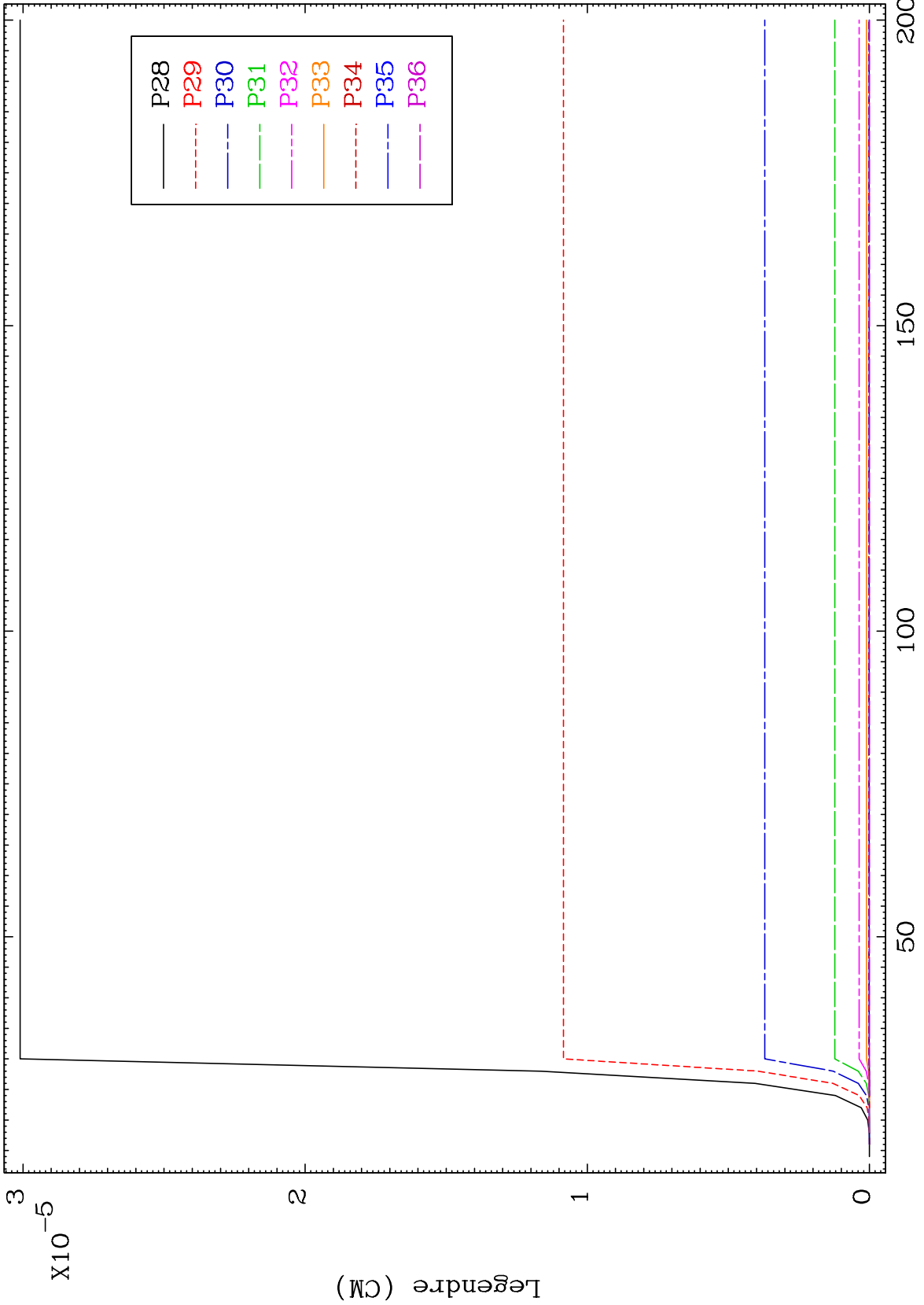
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



43

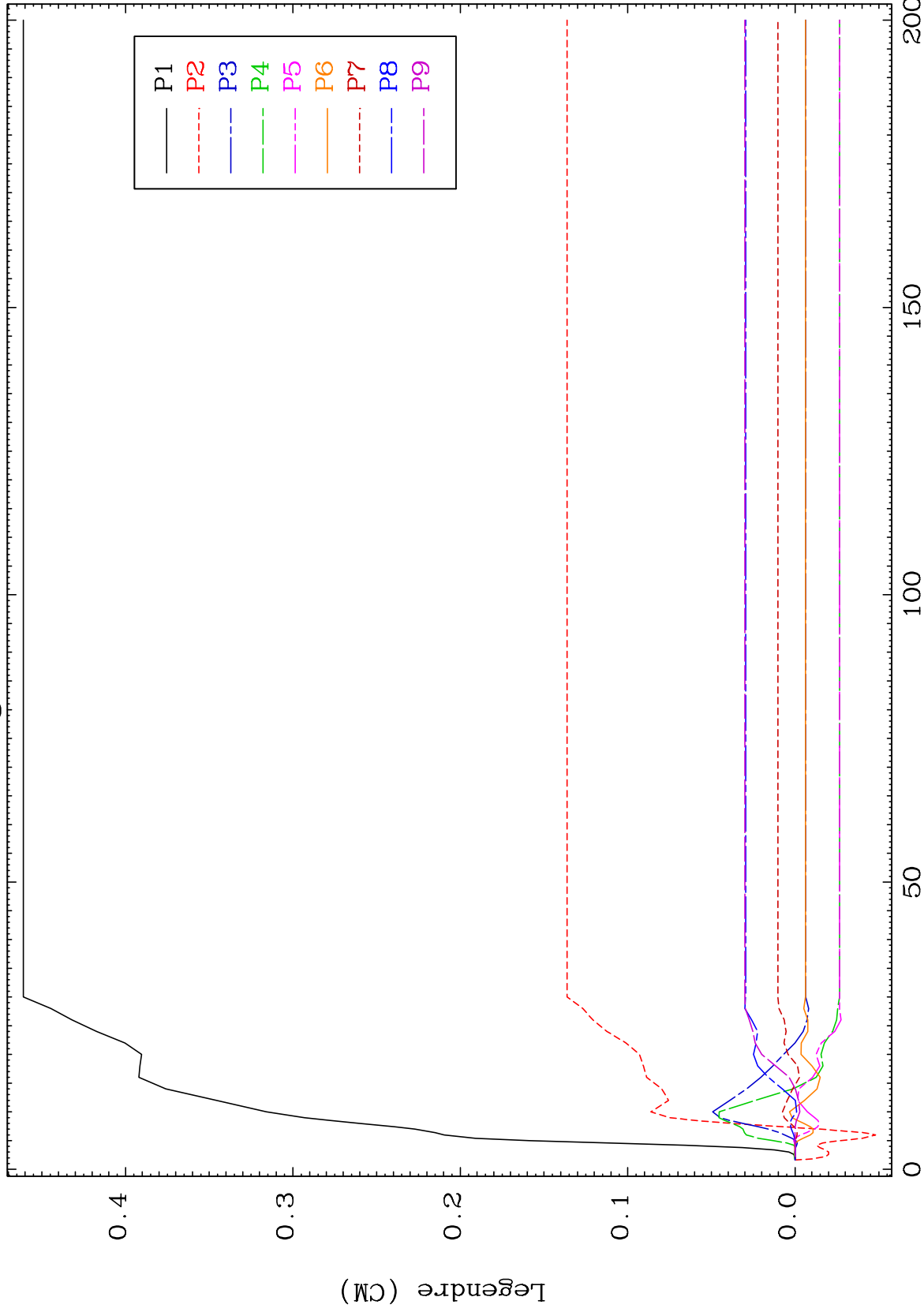
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



44

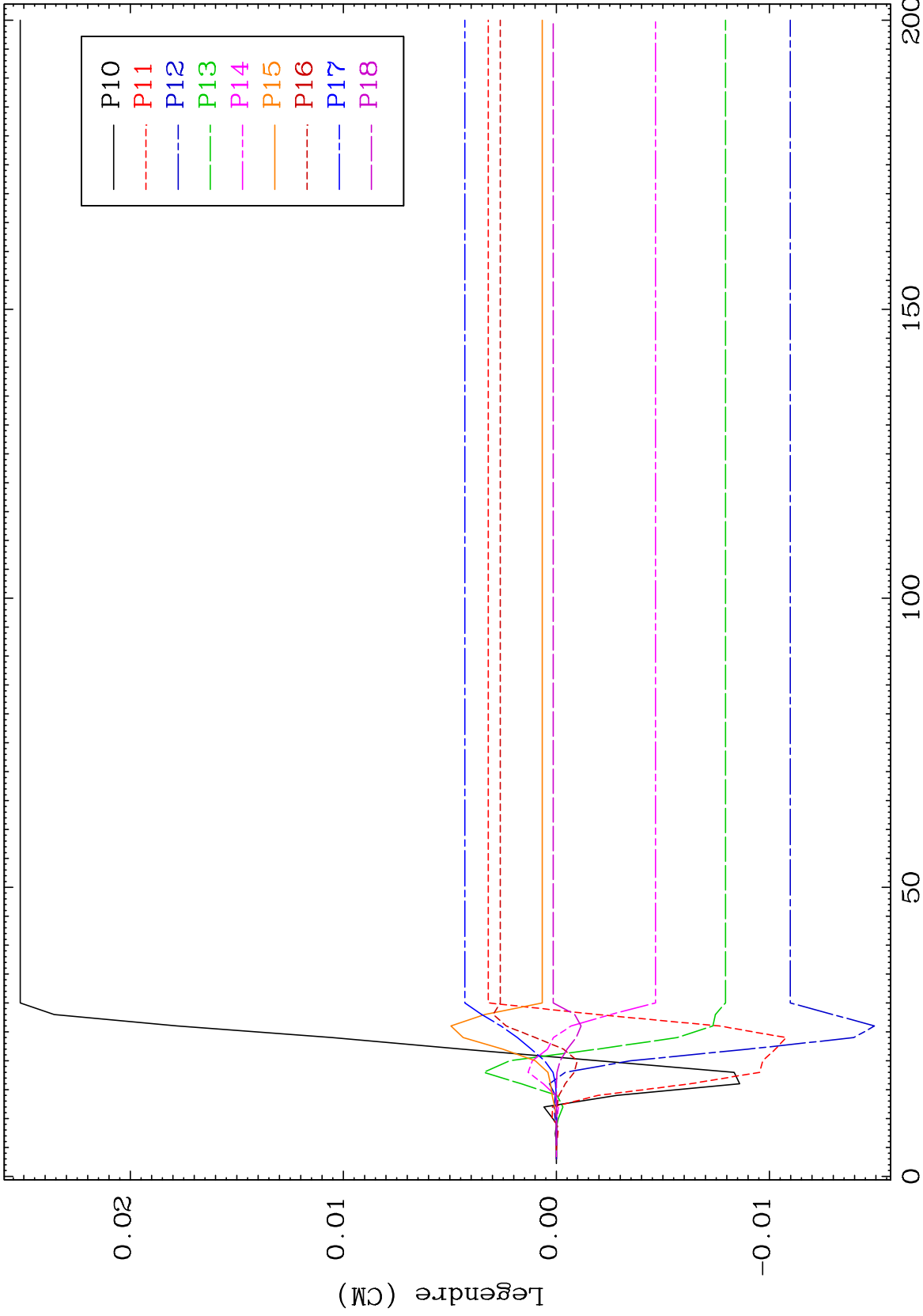
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



45

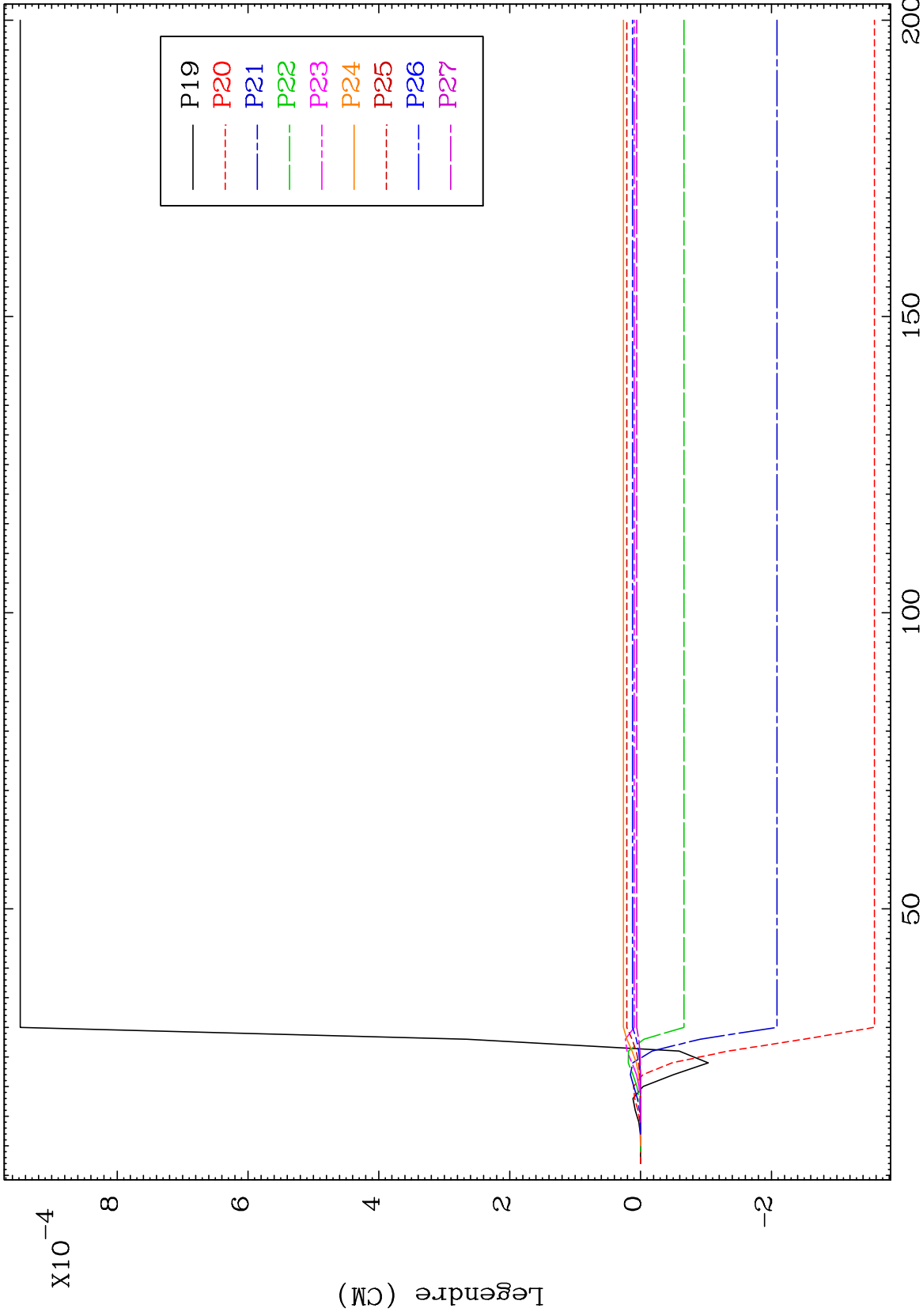
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

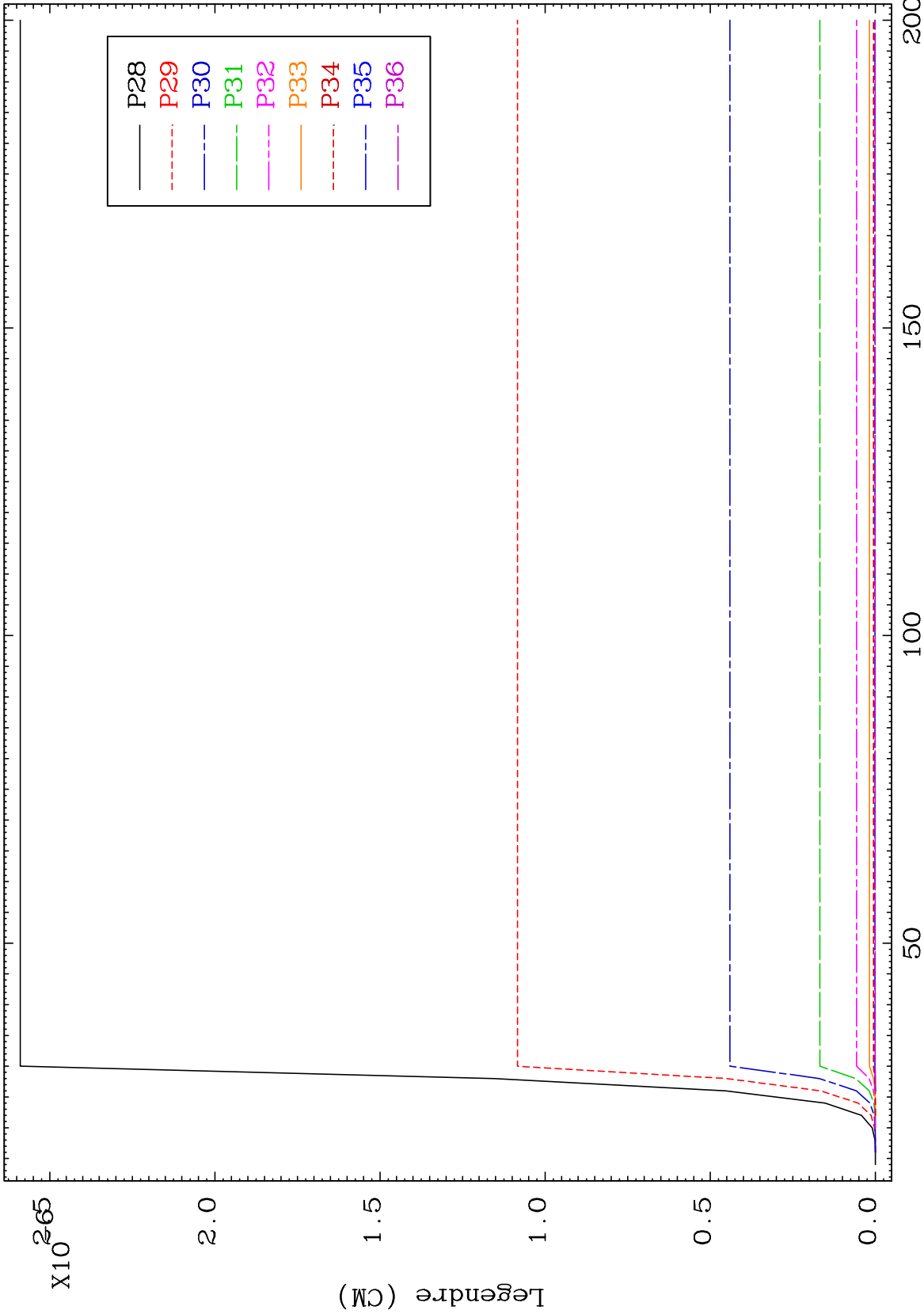
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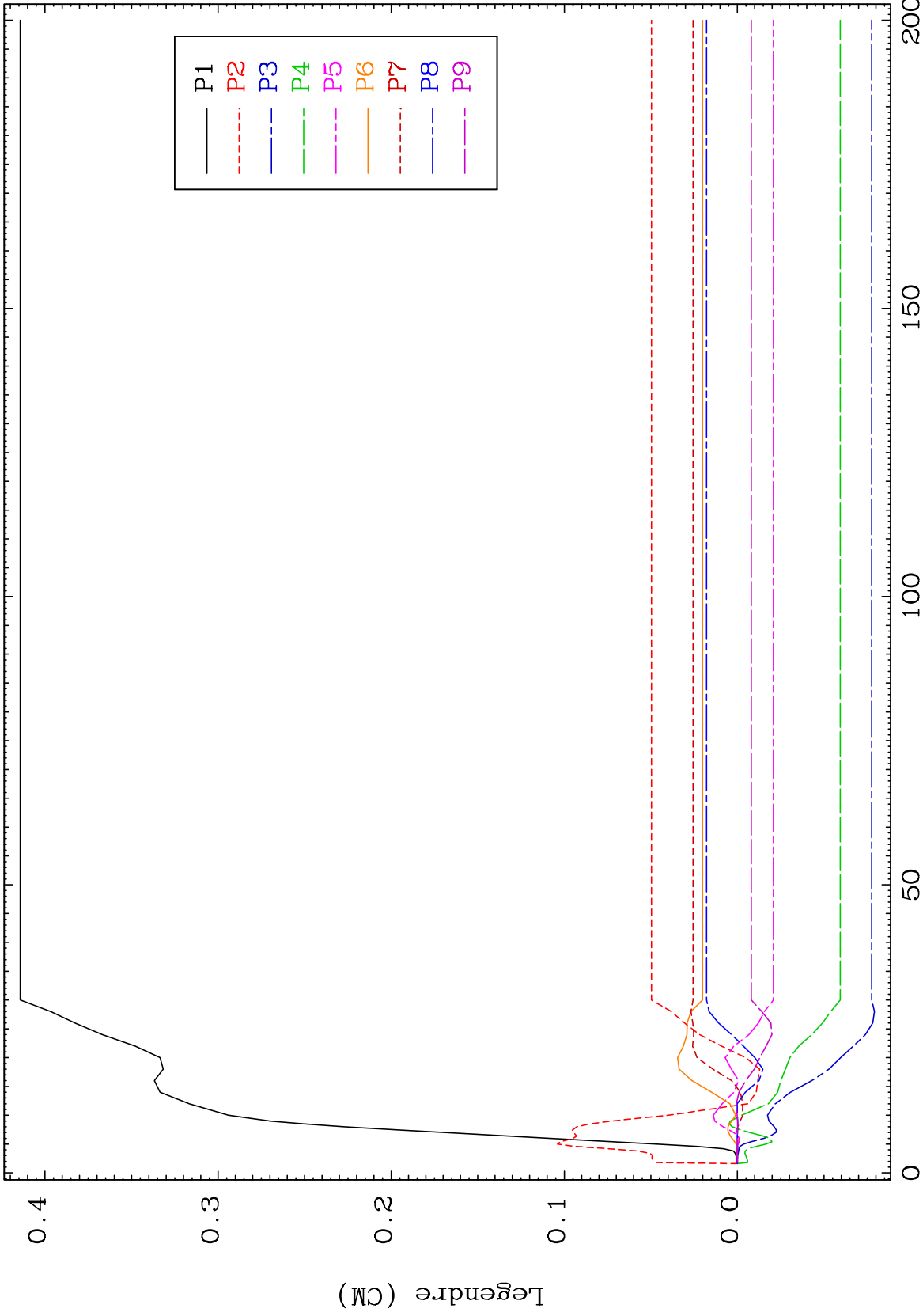


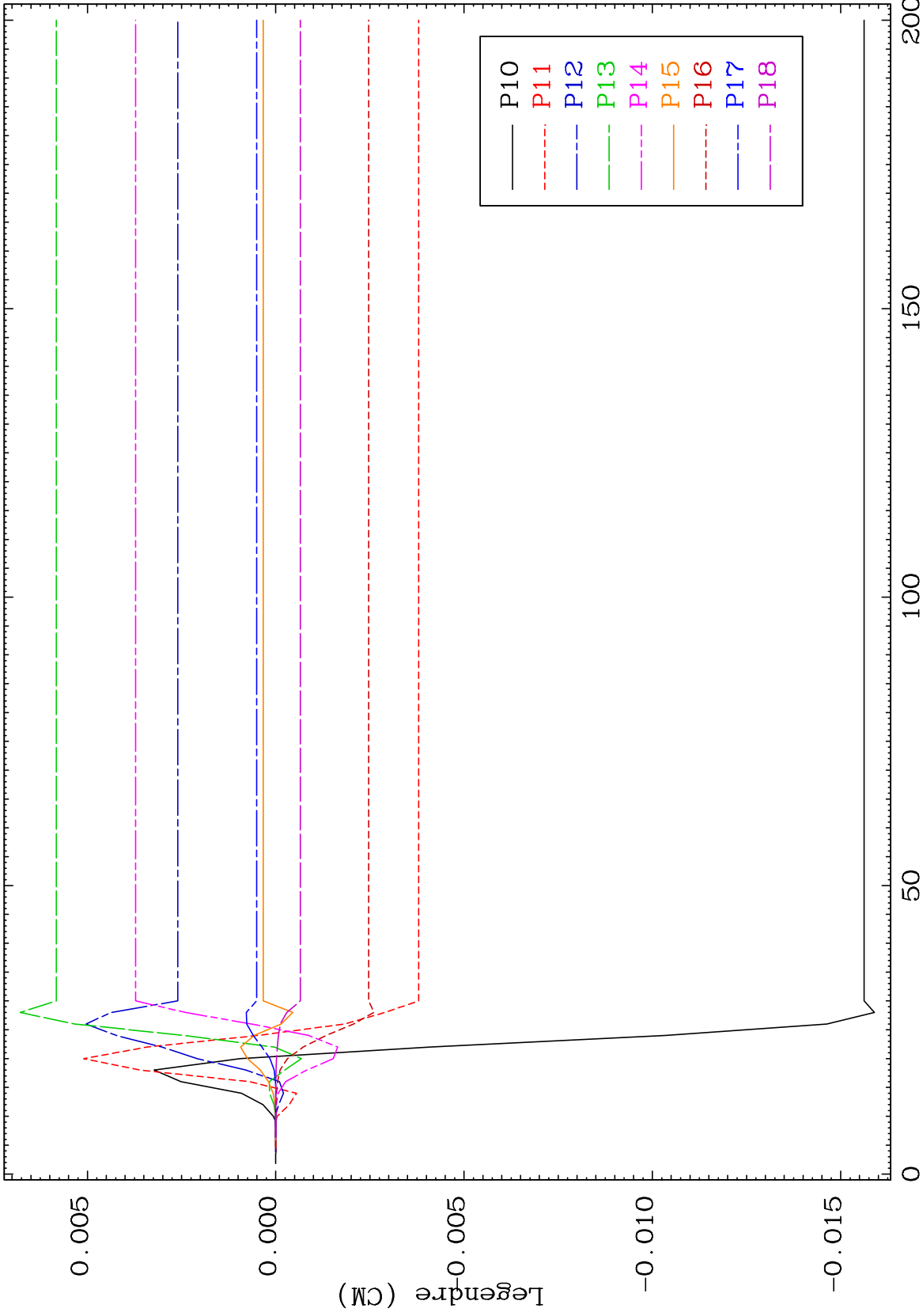
46

Incident Energy (MeV)

72-Hf-183



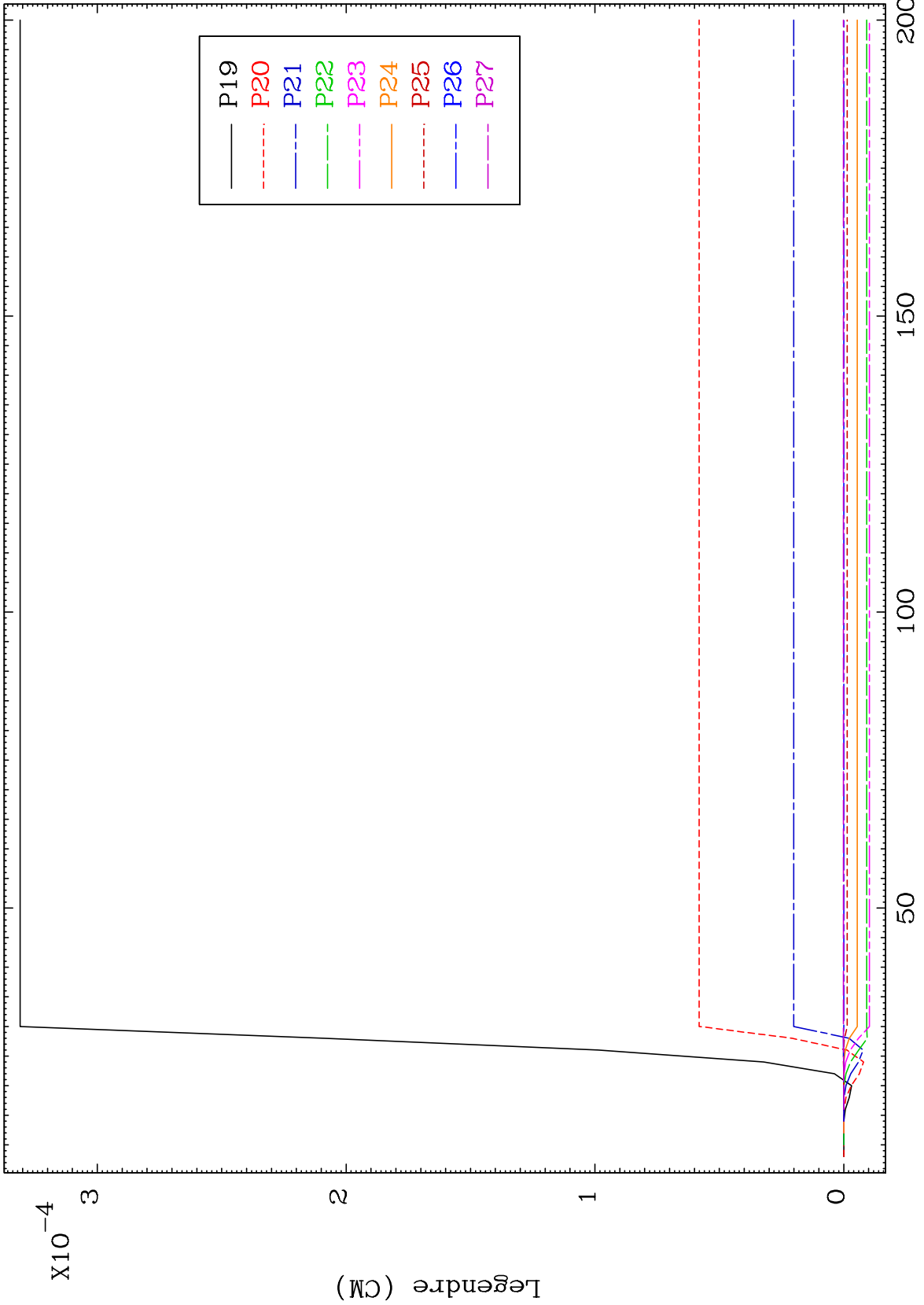




MAT 7252

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

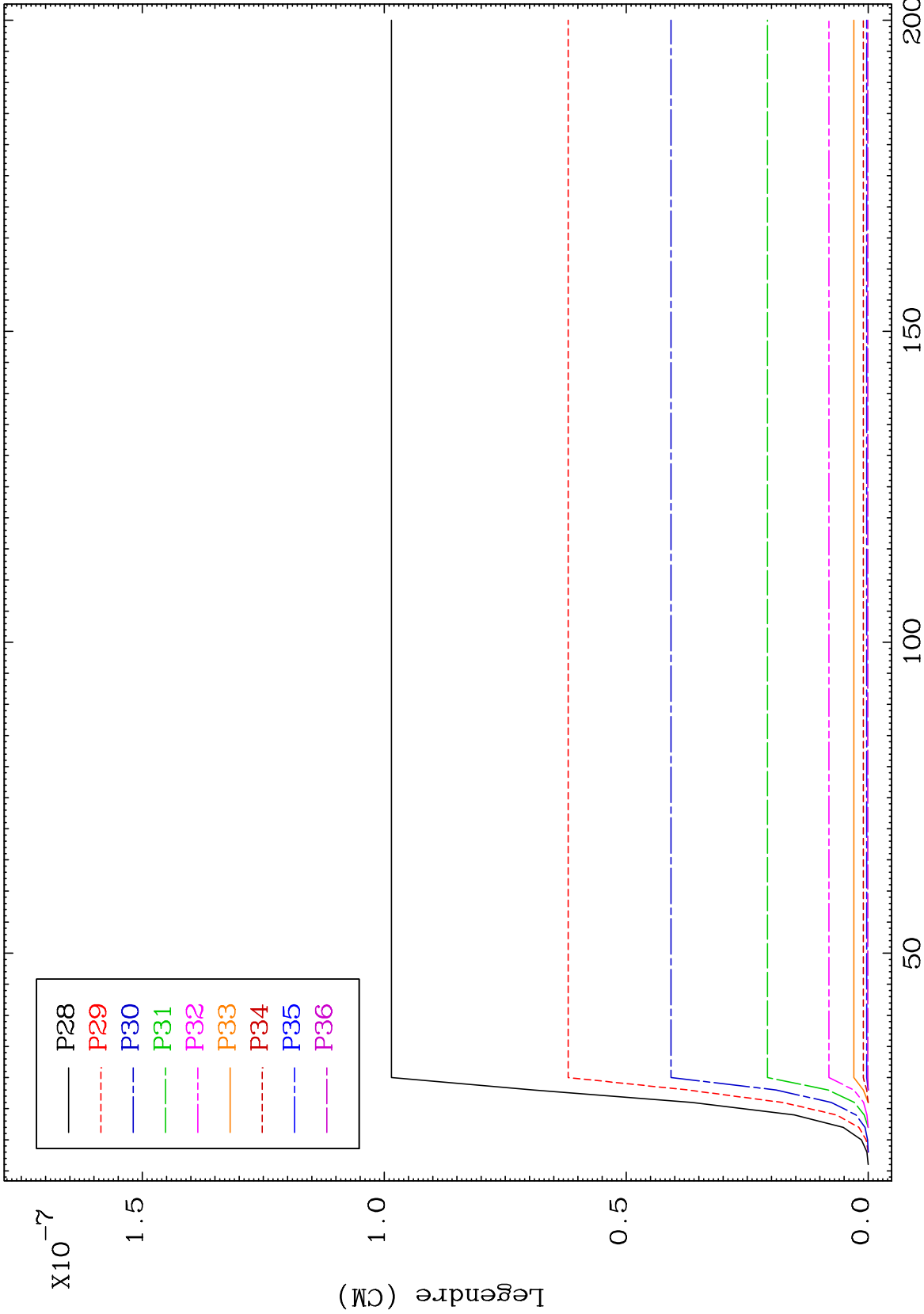
72-Hf-183



50

Incident Energy (MeV)

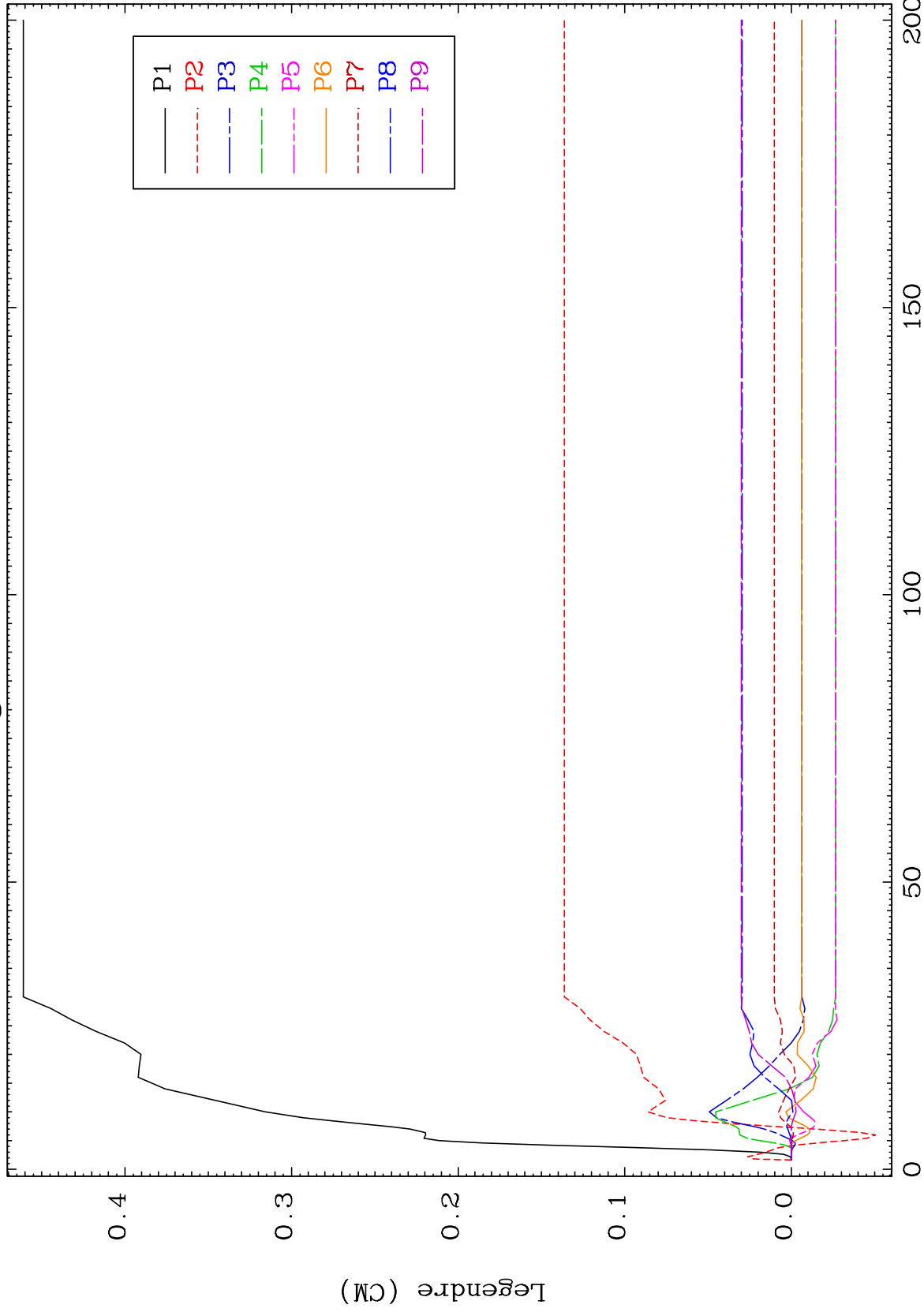
72-Hf-183



MAT 7252

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

72-Hf-183



52

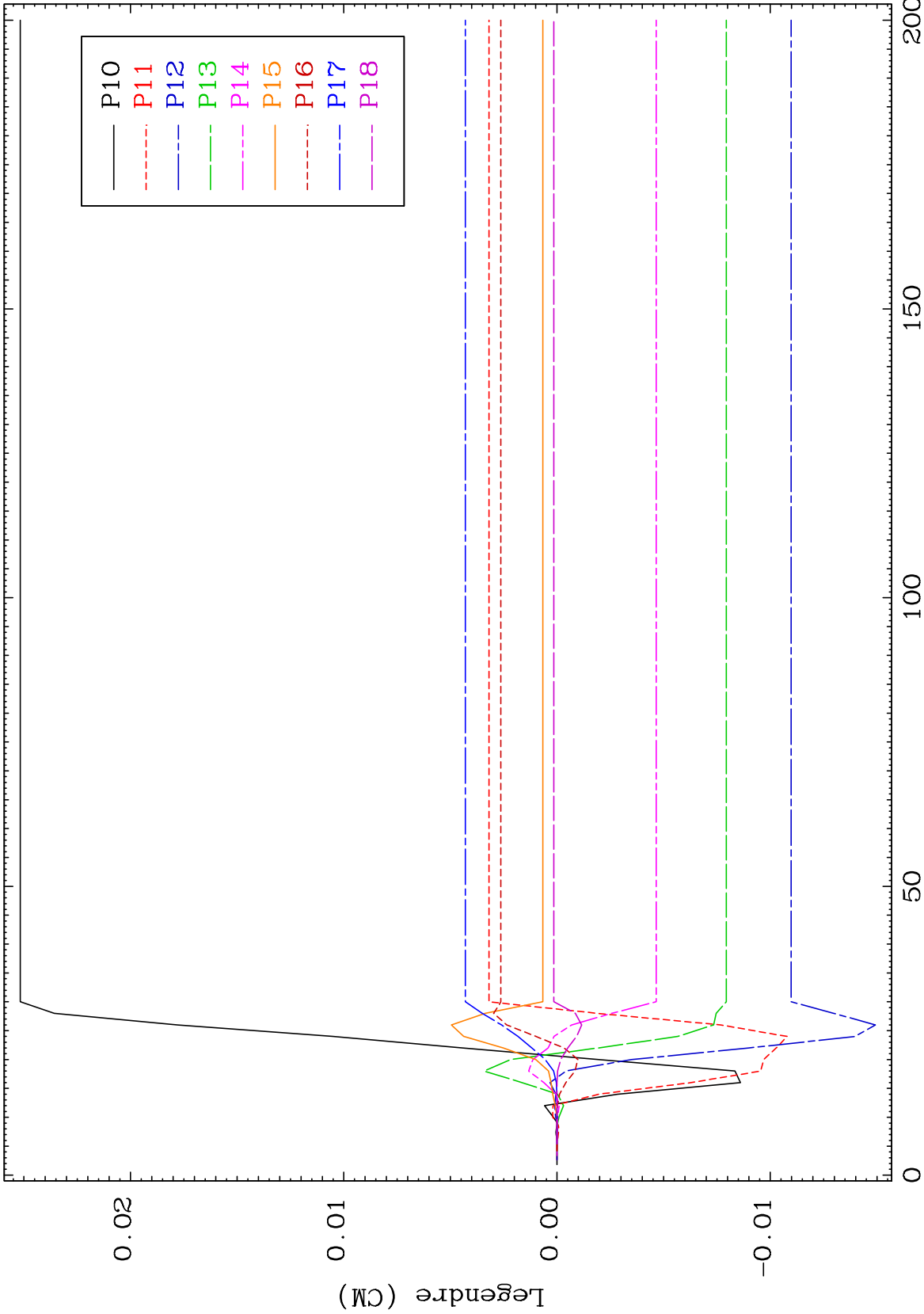
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



53

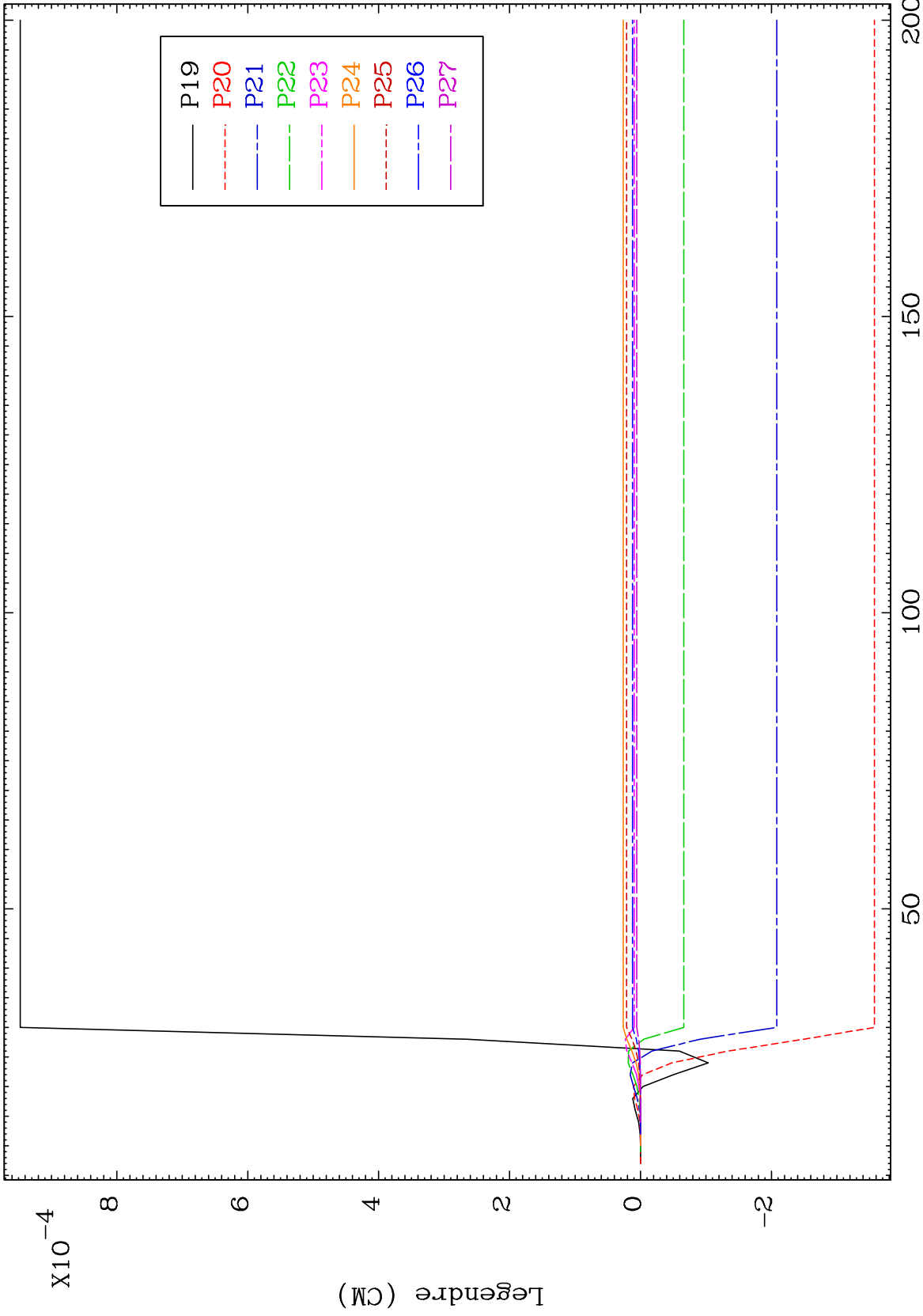
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

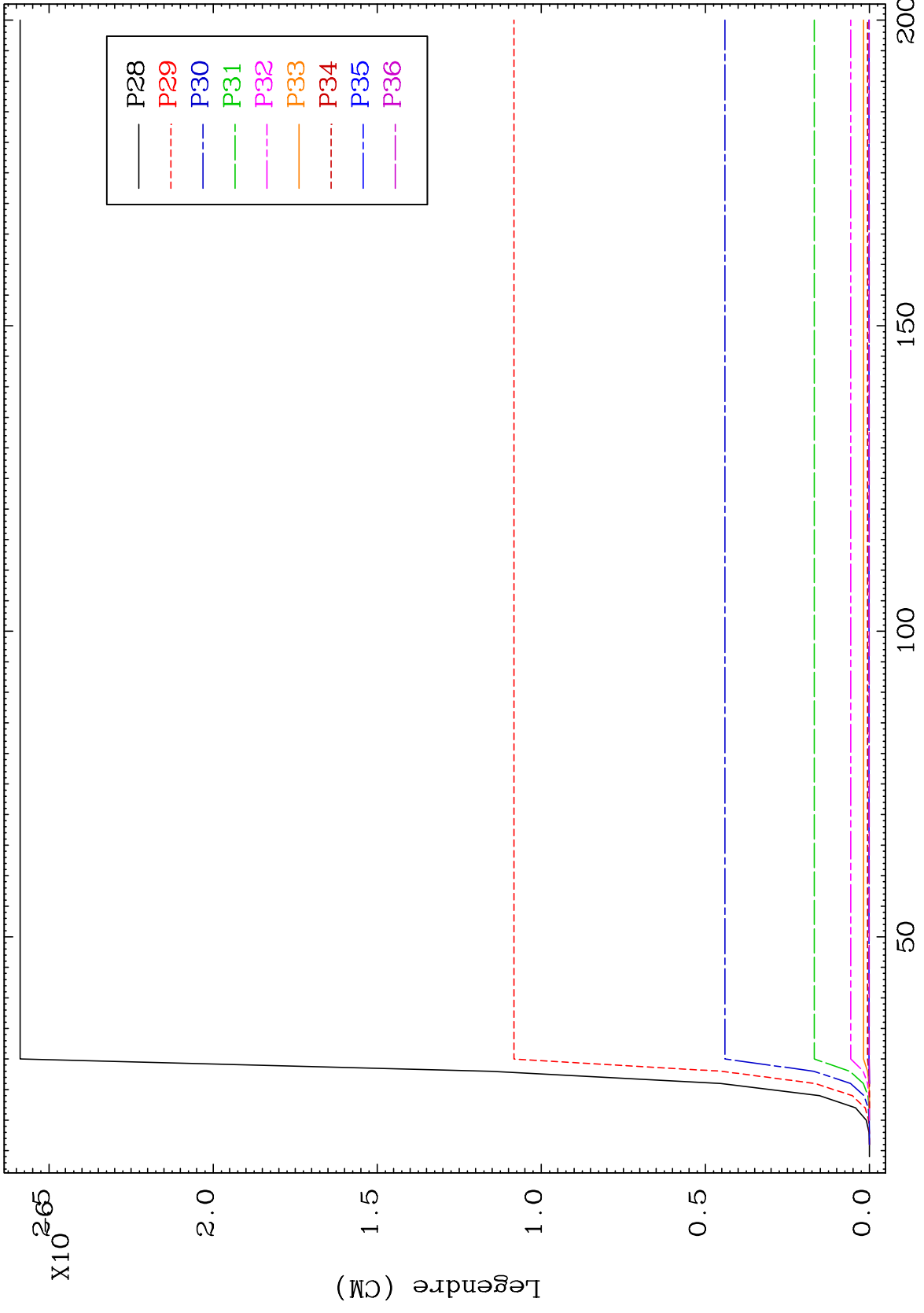
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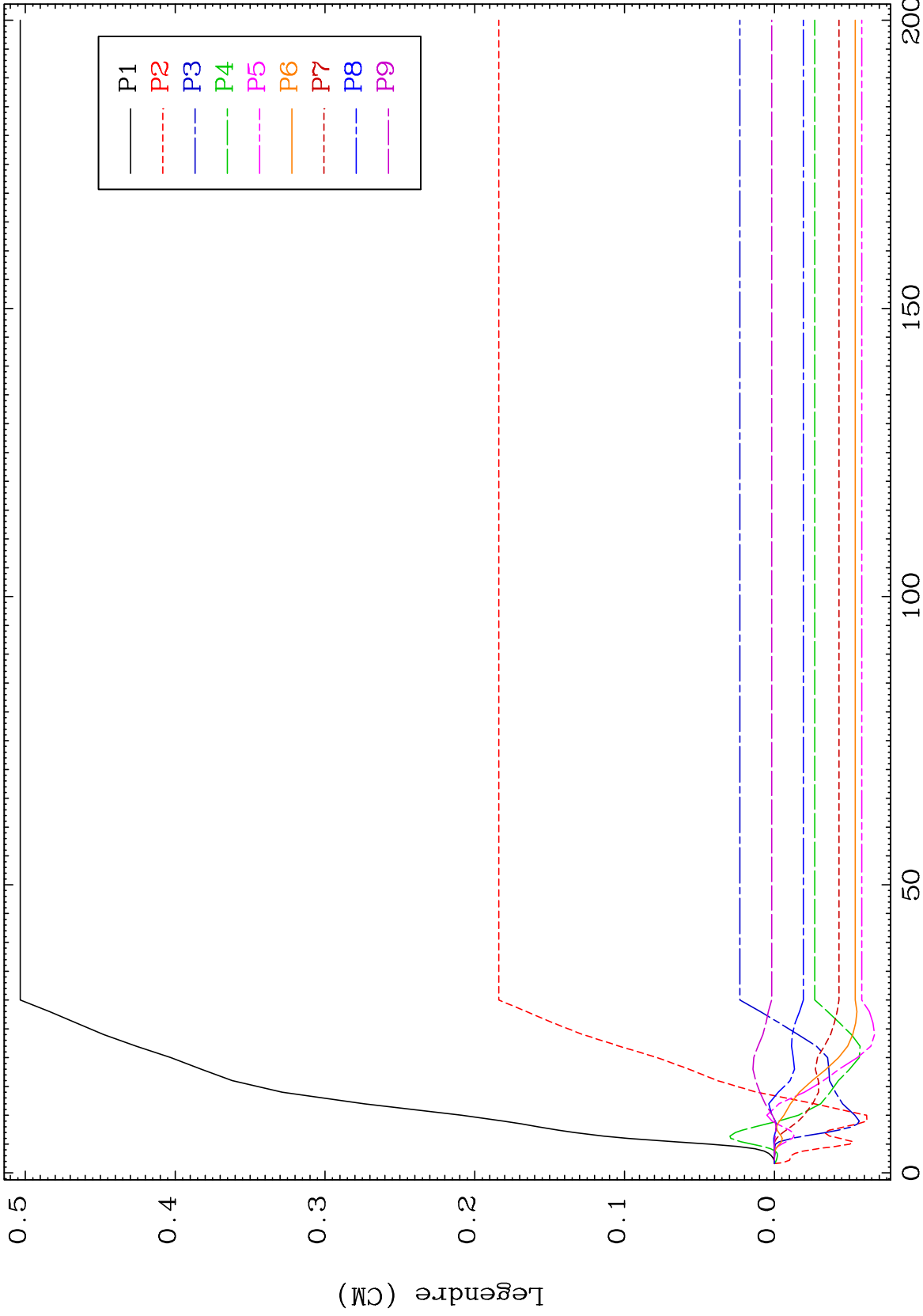


54

Incident Energy (MeV)

72-Hf-183

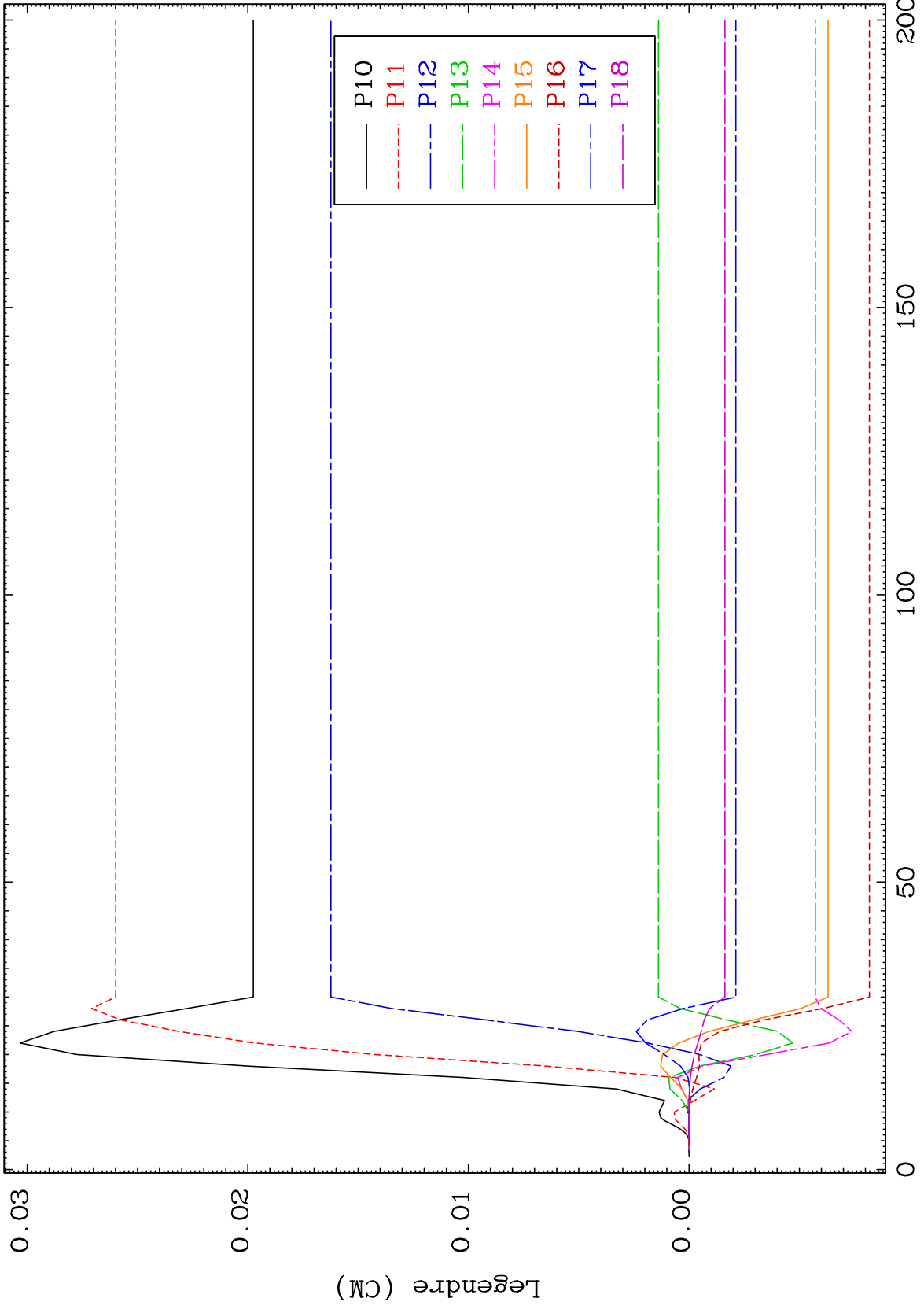




MAT 7252

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

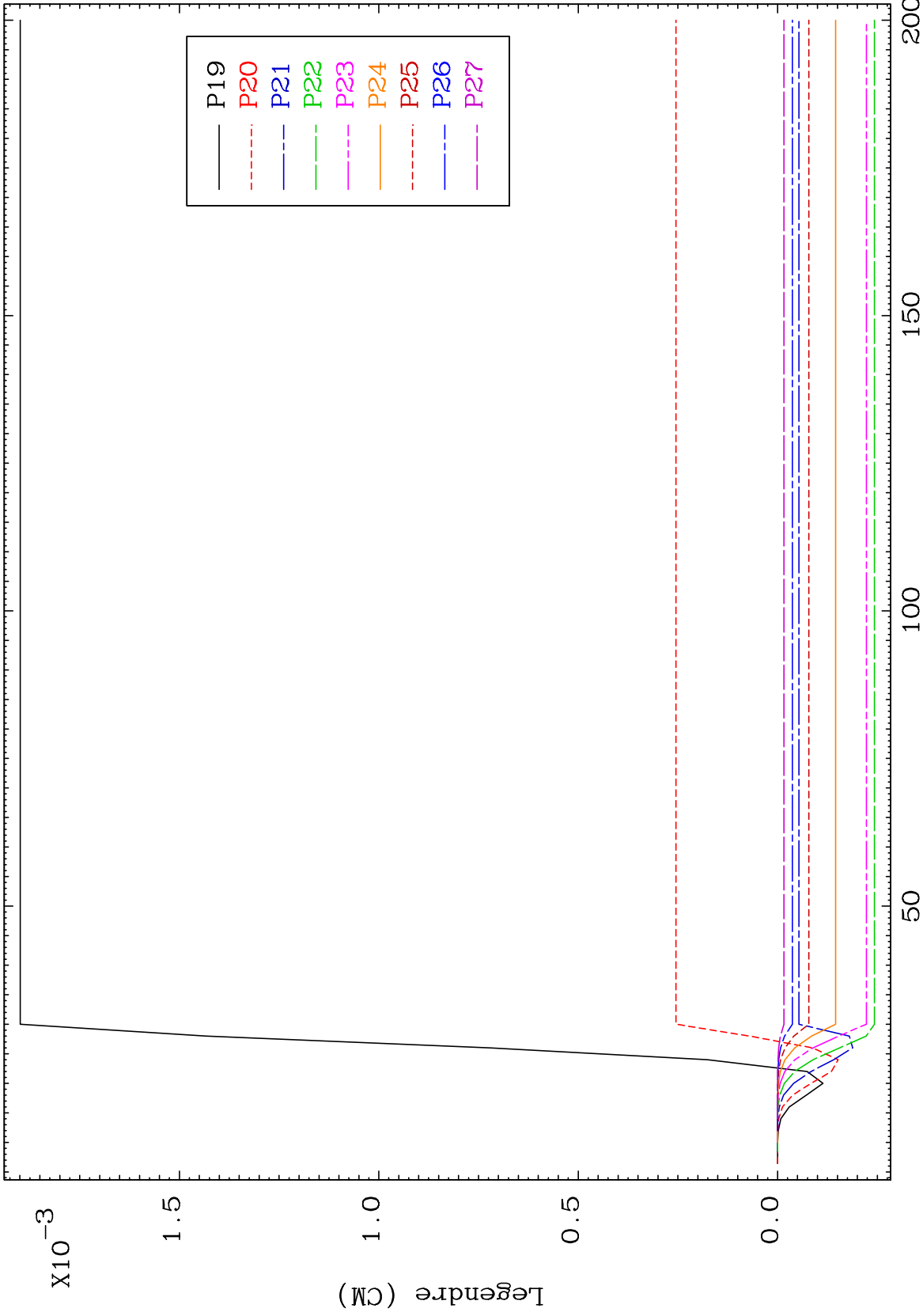
72-Hf-183



57

Incident Energy (MeV)

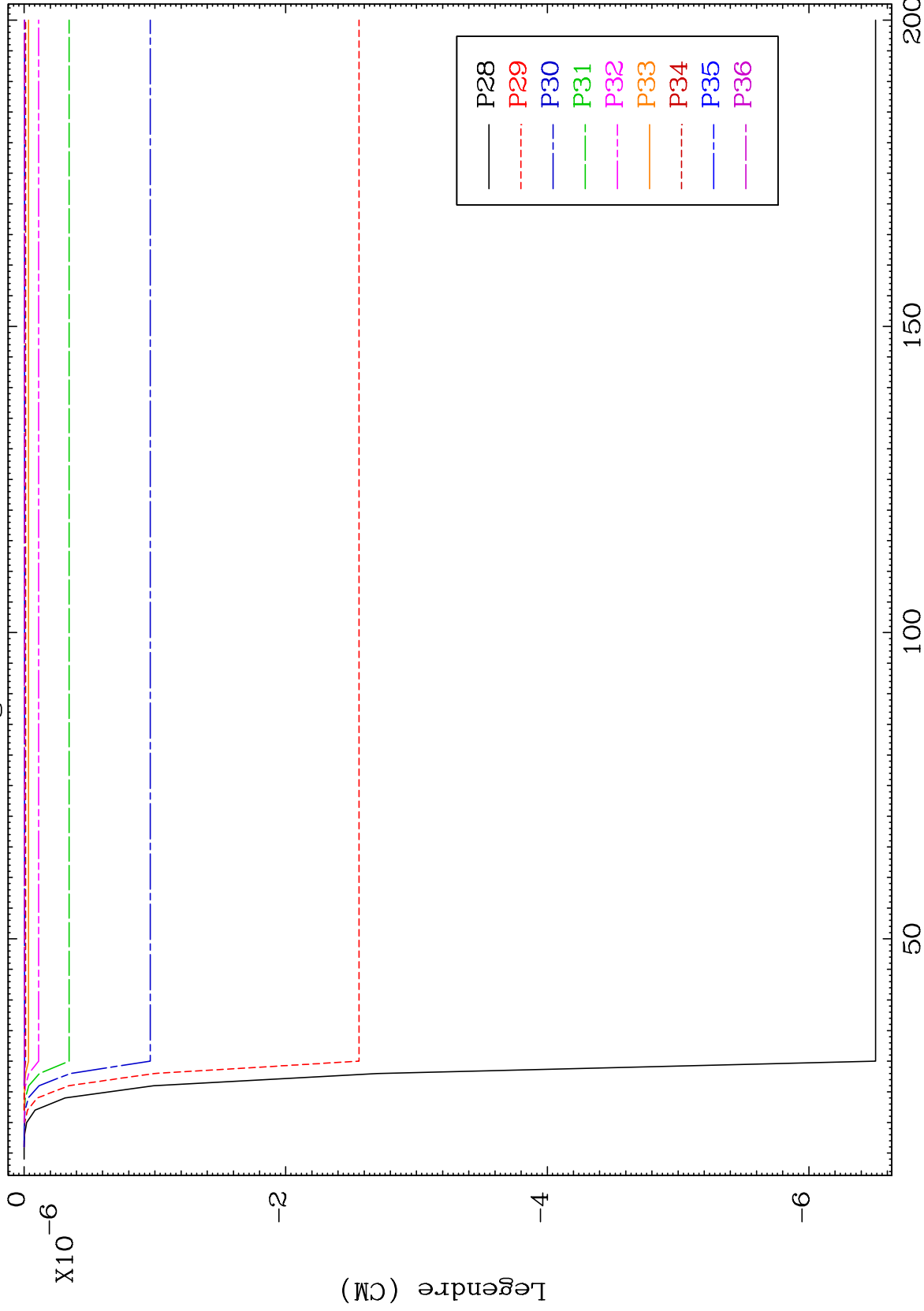
72-Hf-183



MAT 7252

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

72-Hf-183



59

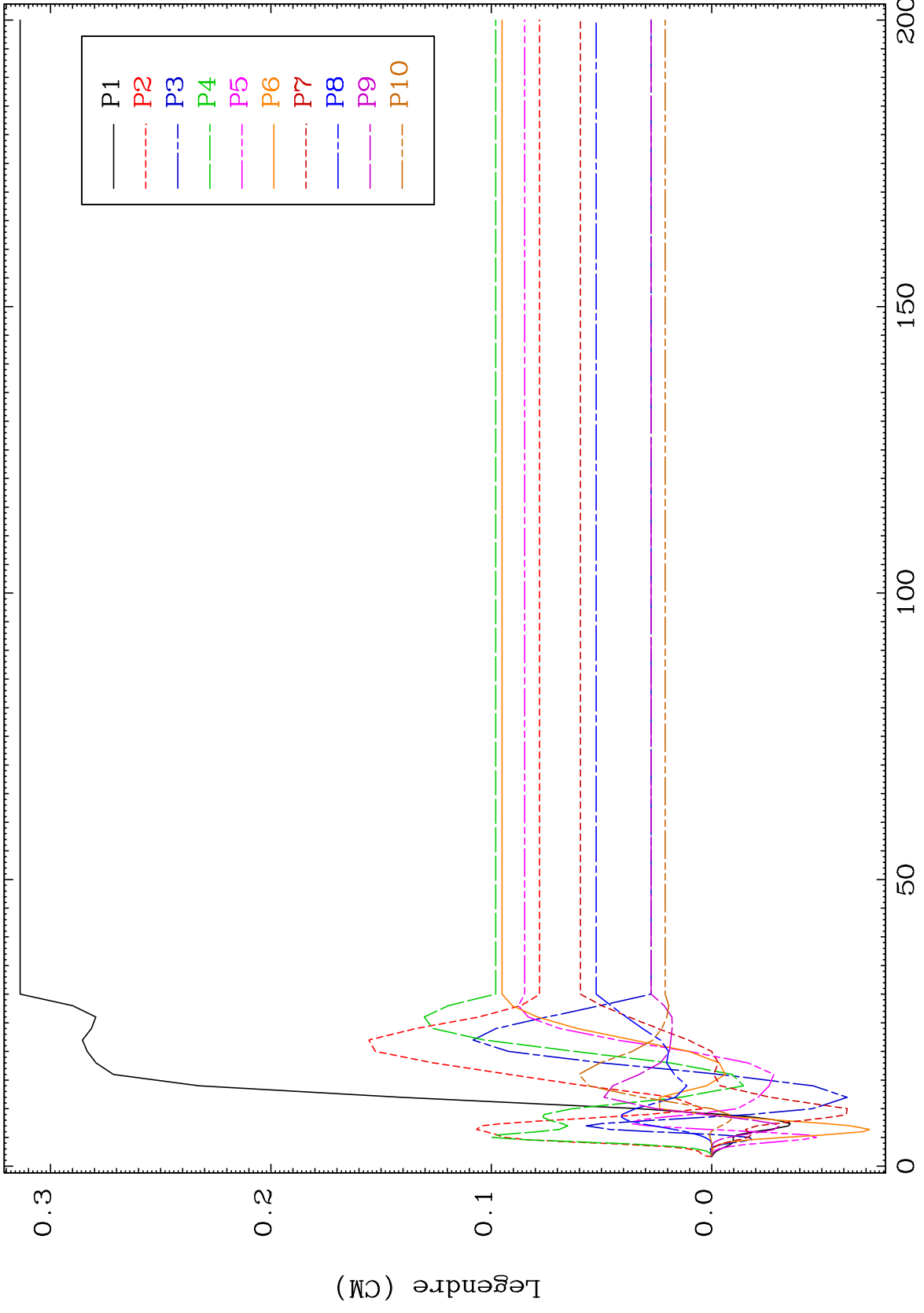
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



72-Hf-183

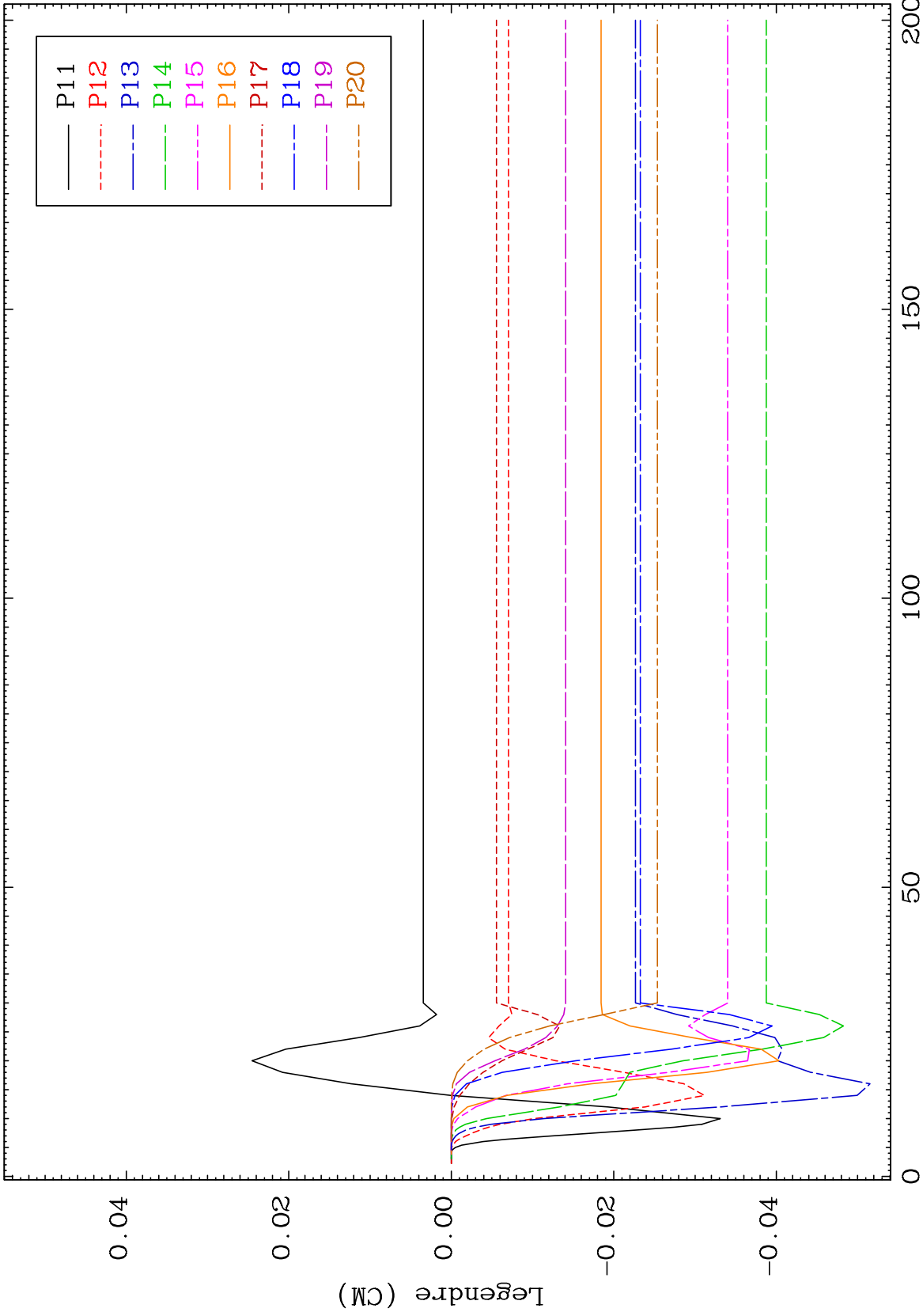
Incident Energy (MeV)

60

MAT 7252

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

72-Hf-183



61

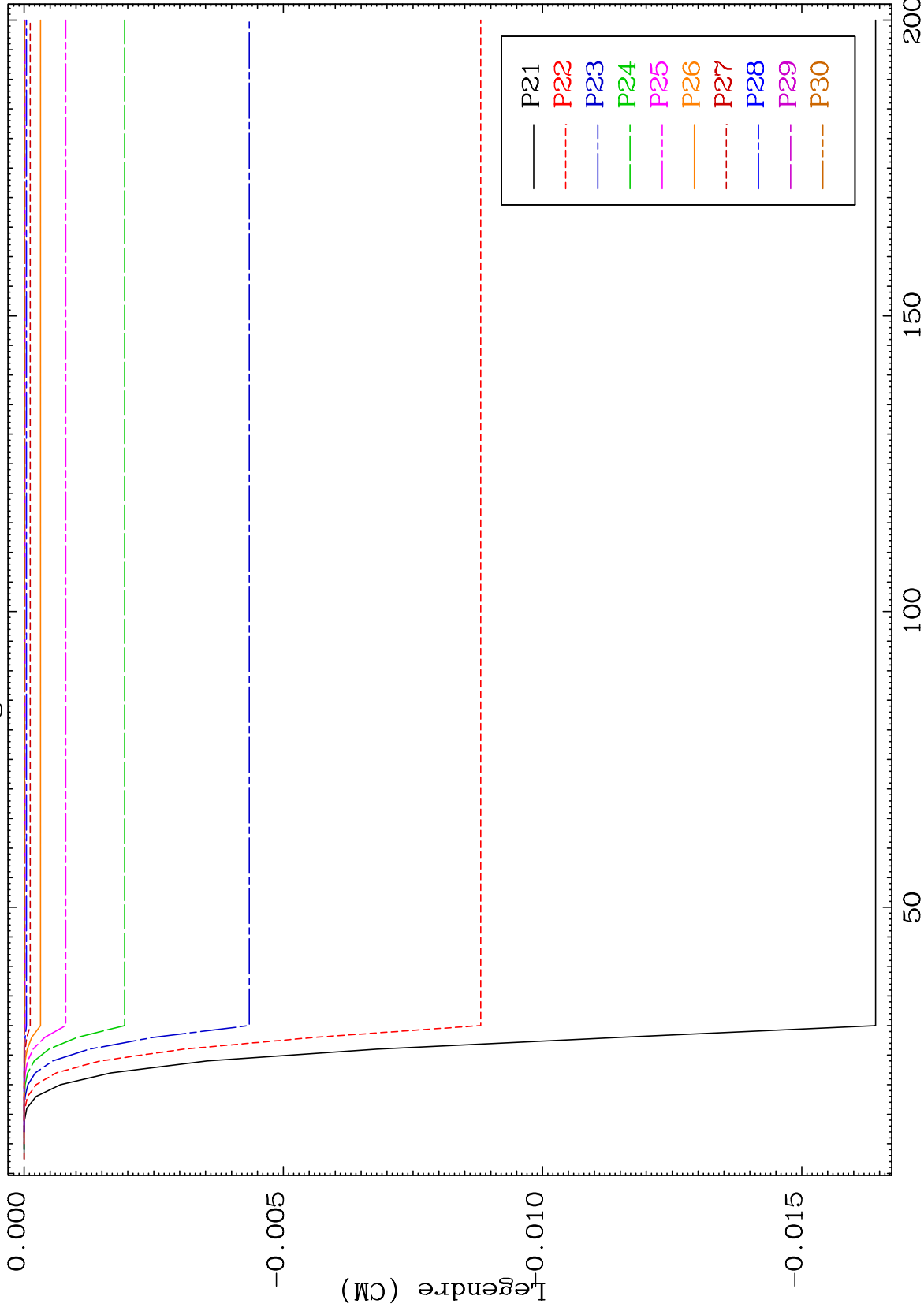
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



72-Hf-183

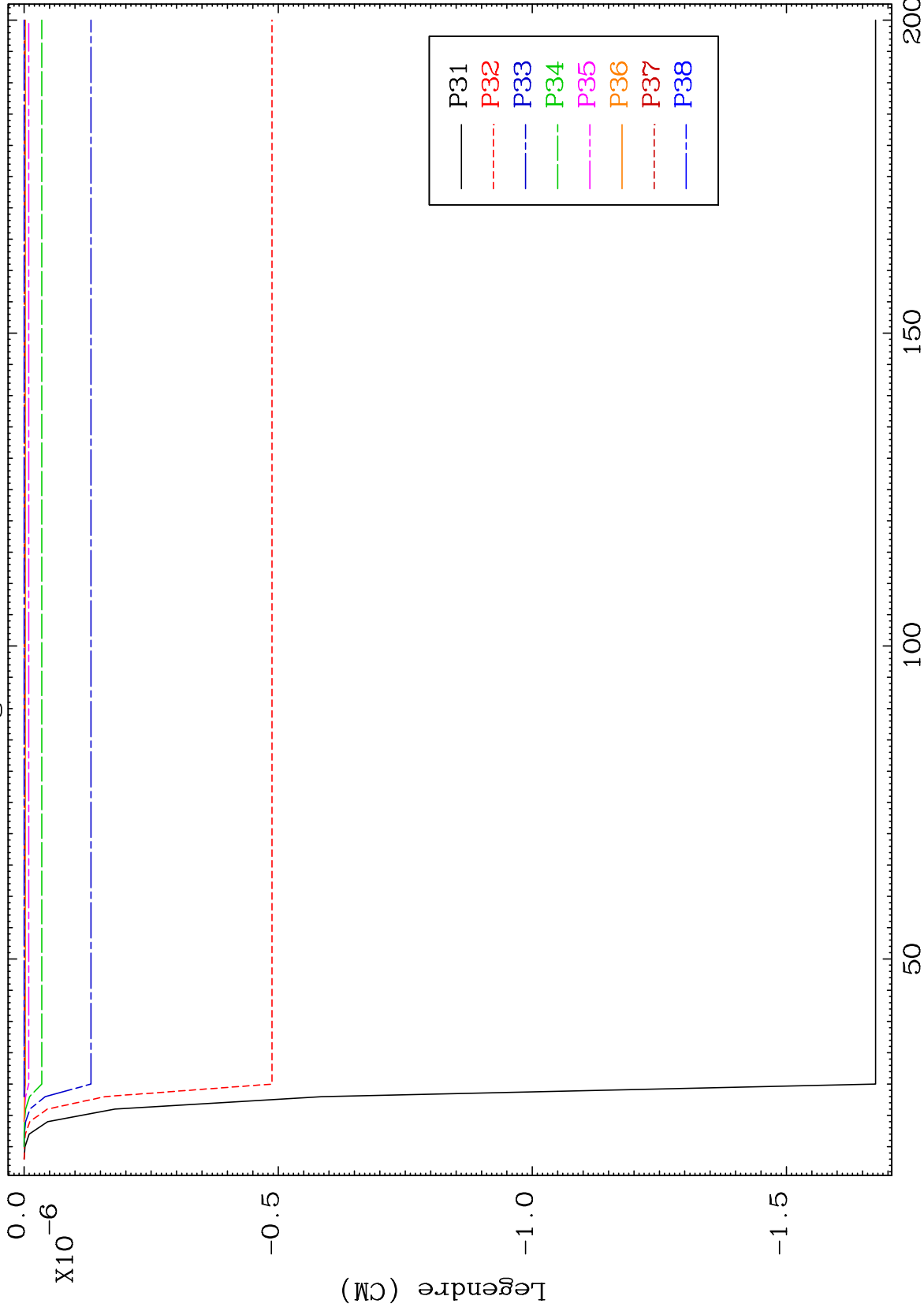
Incident Energy (MeV)

62

MAT 7252

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

72-Hf-183



63

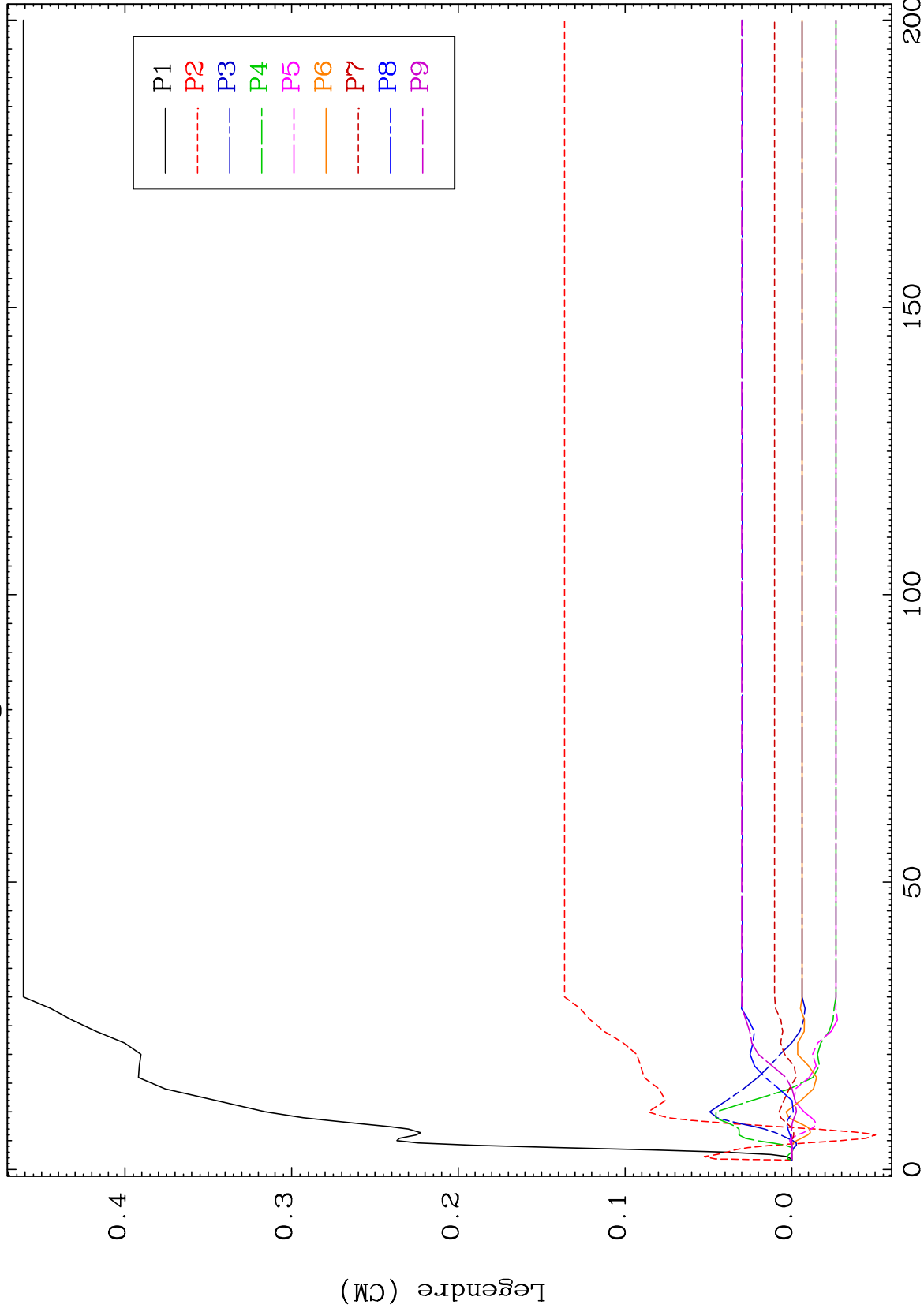
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



64

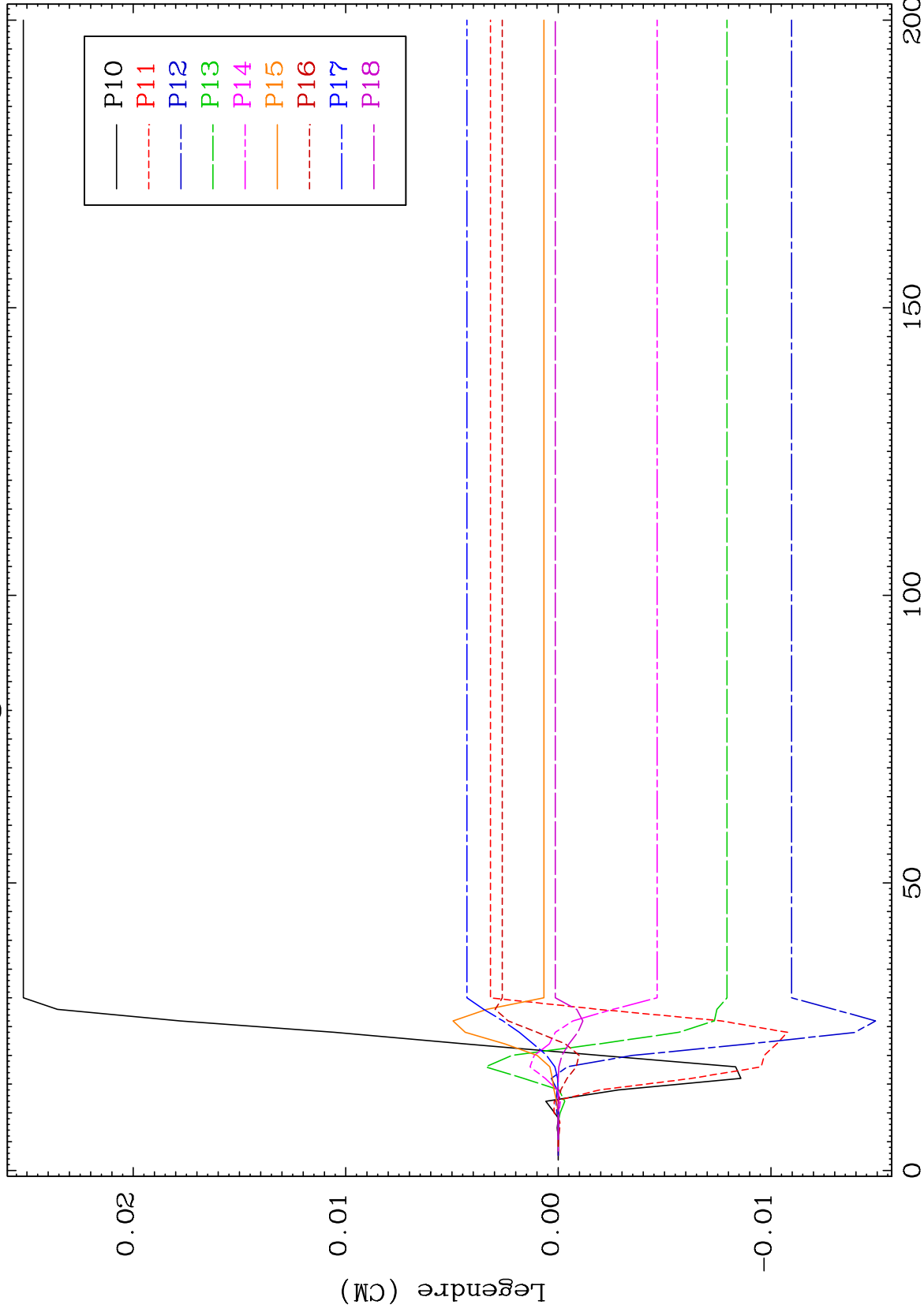
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



65

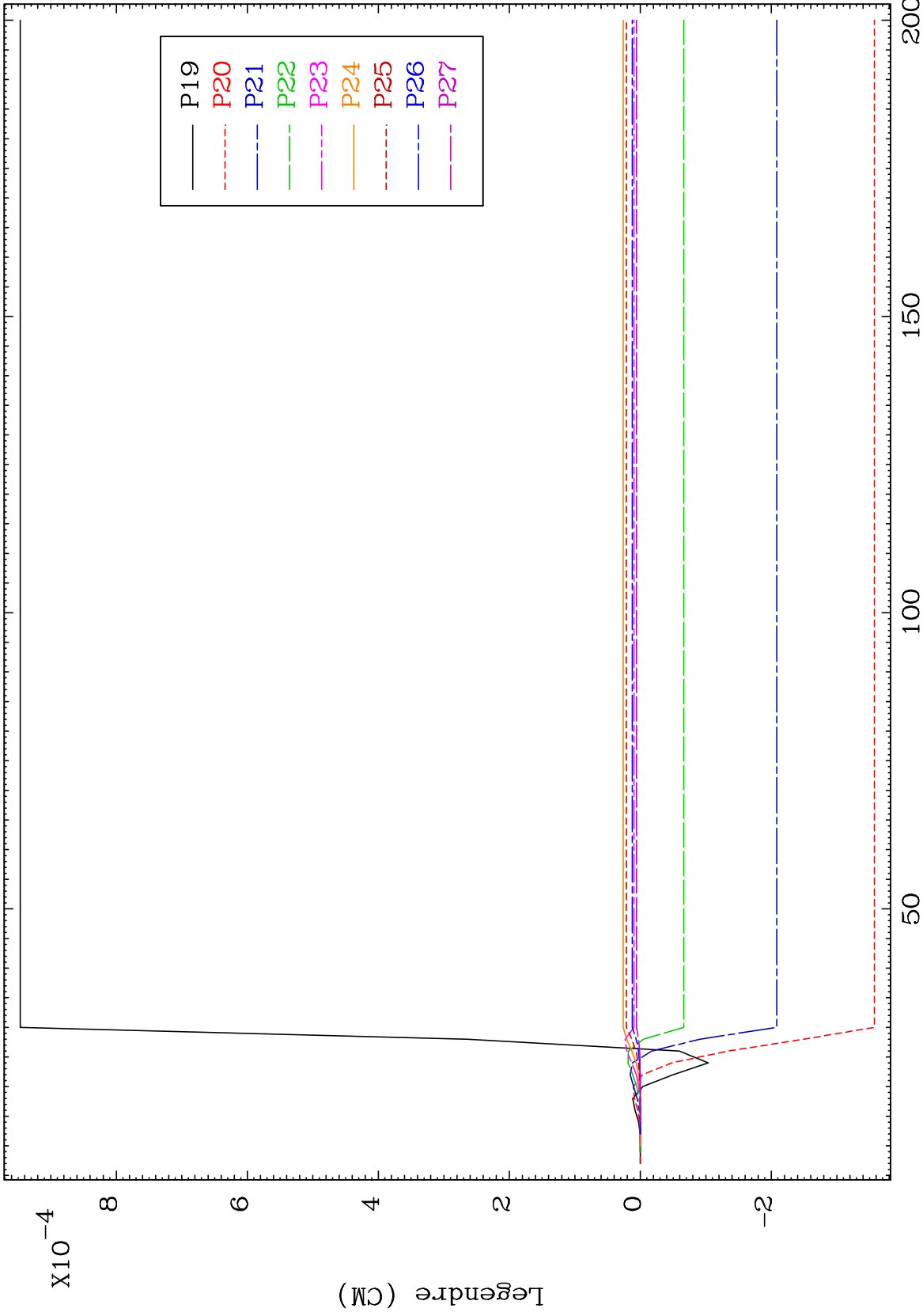
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



66

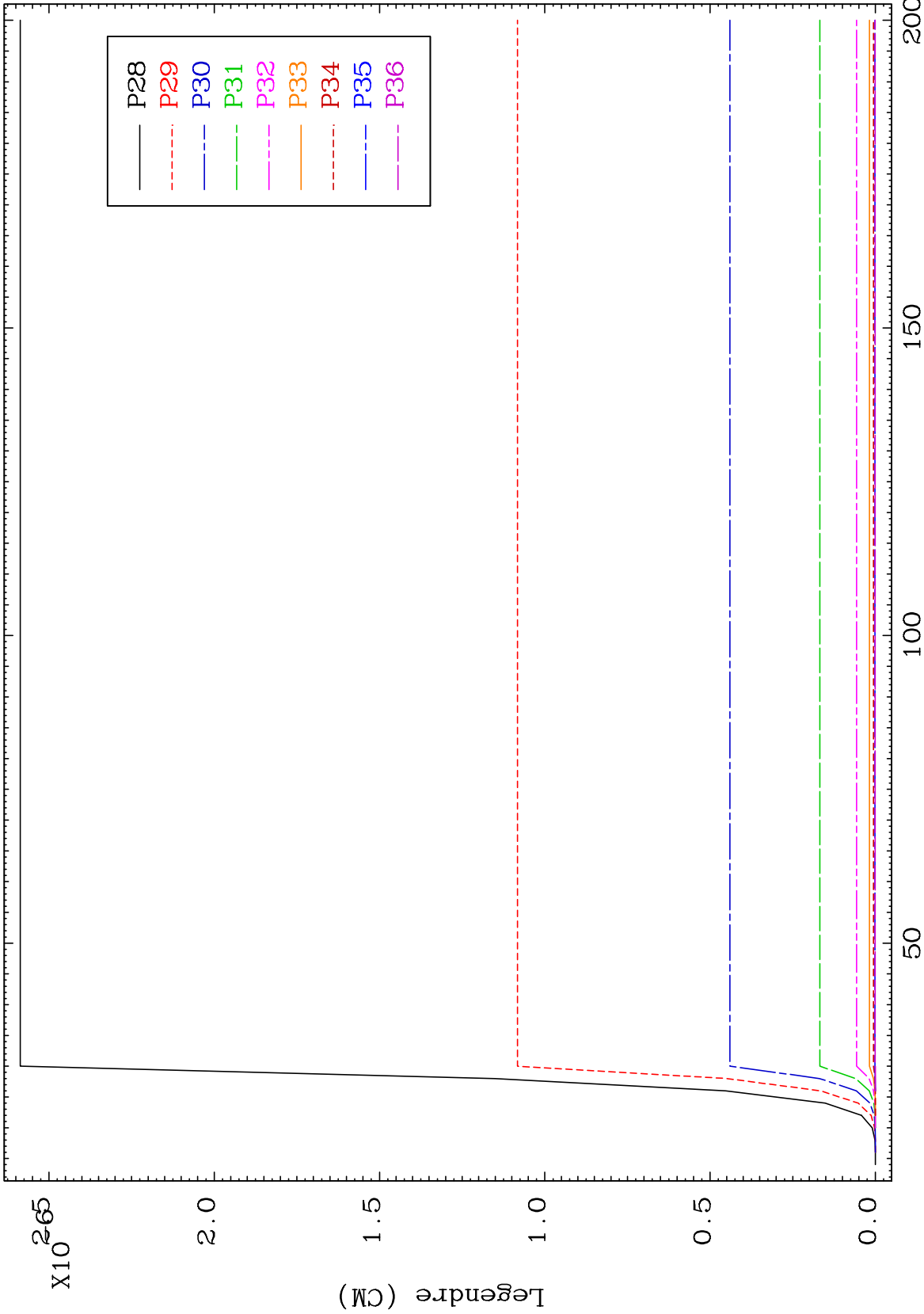
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



67

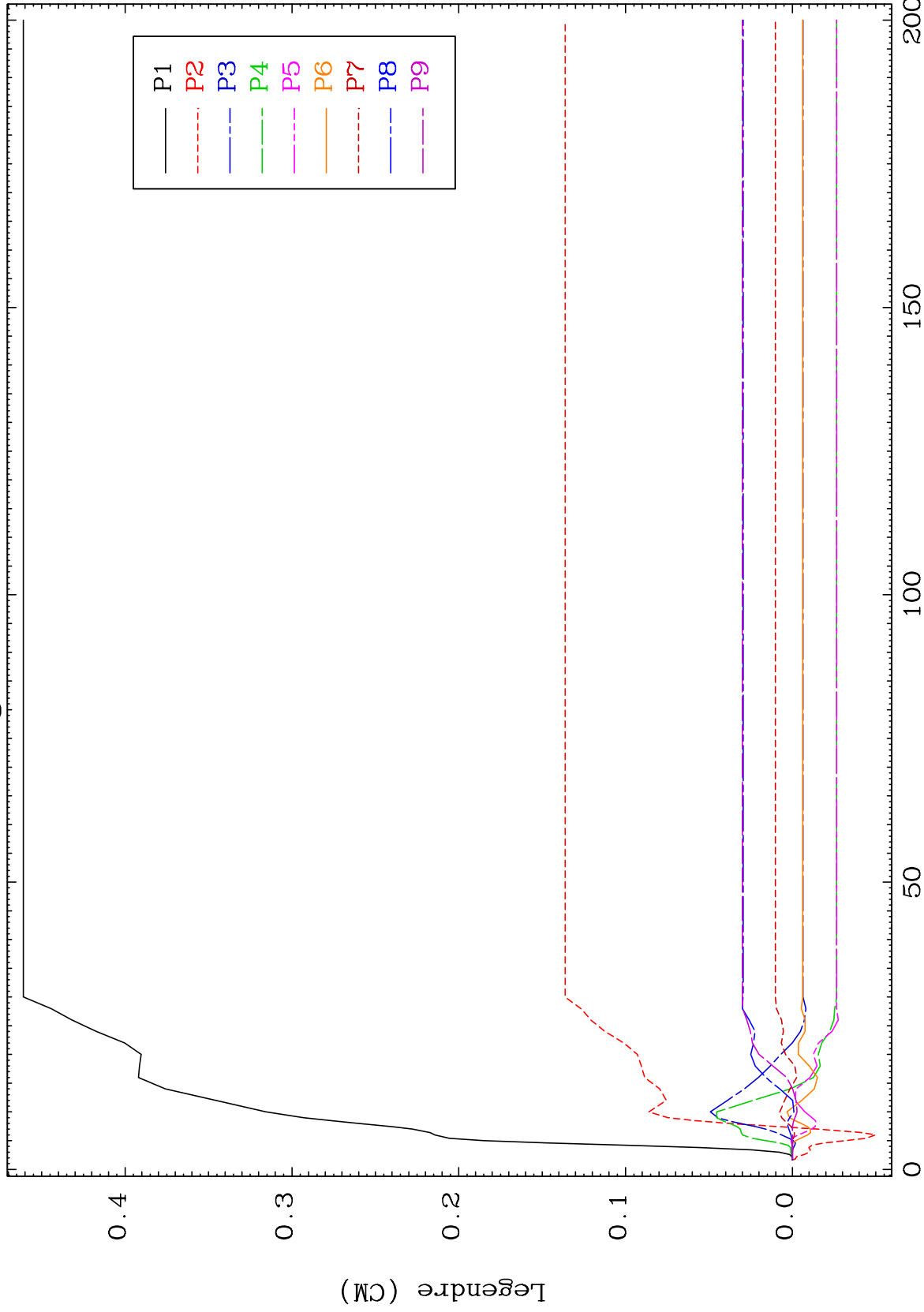
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



68

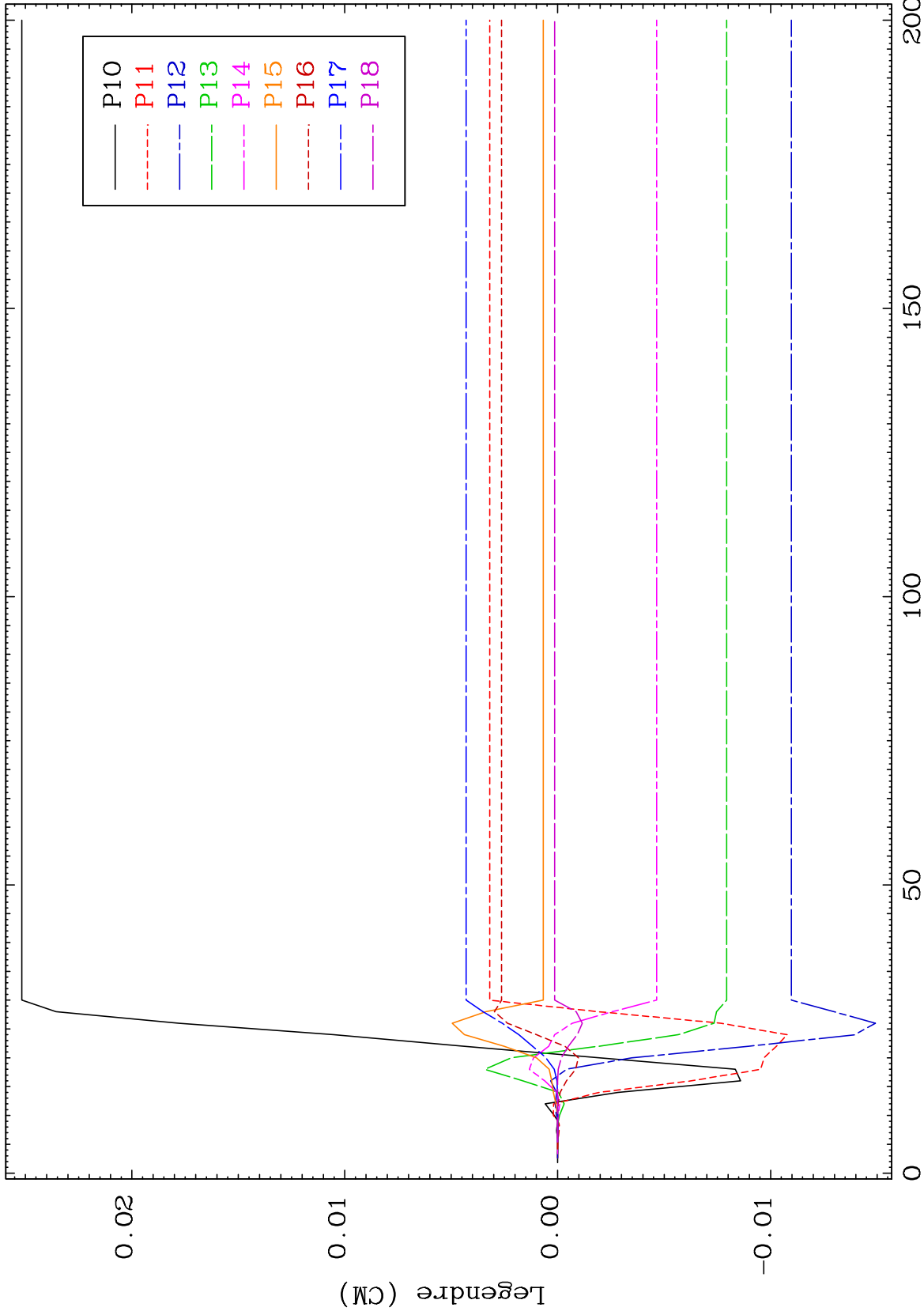
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



69

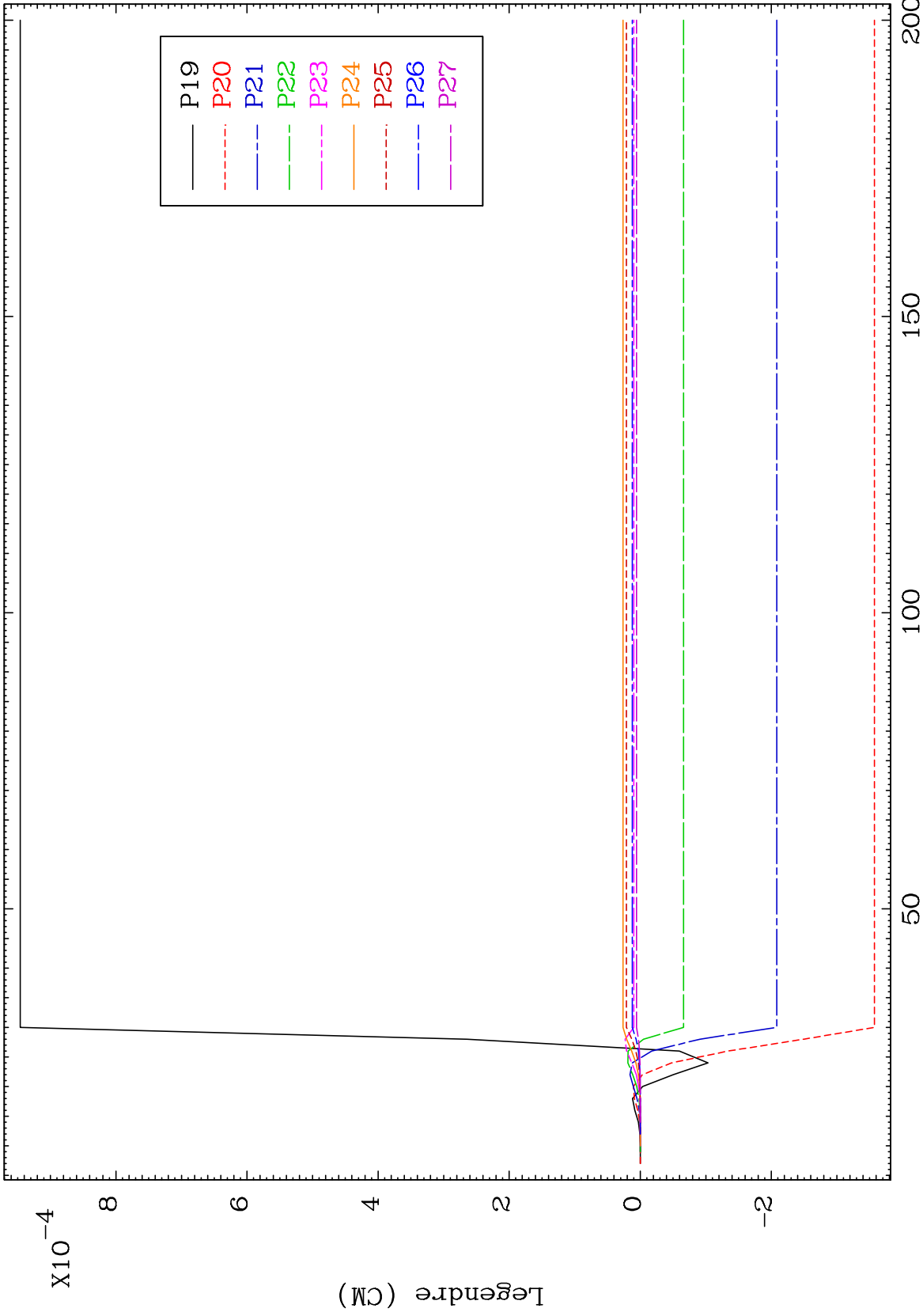
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

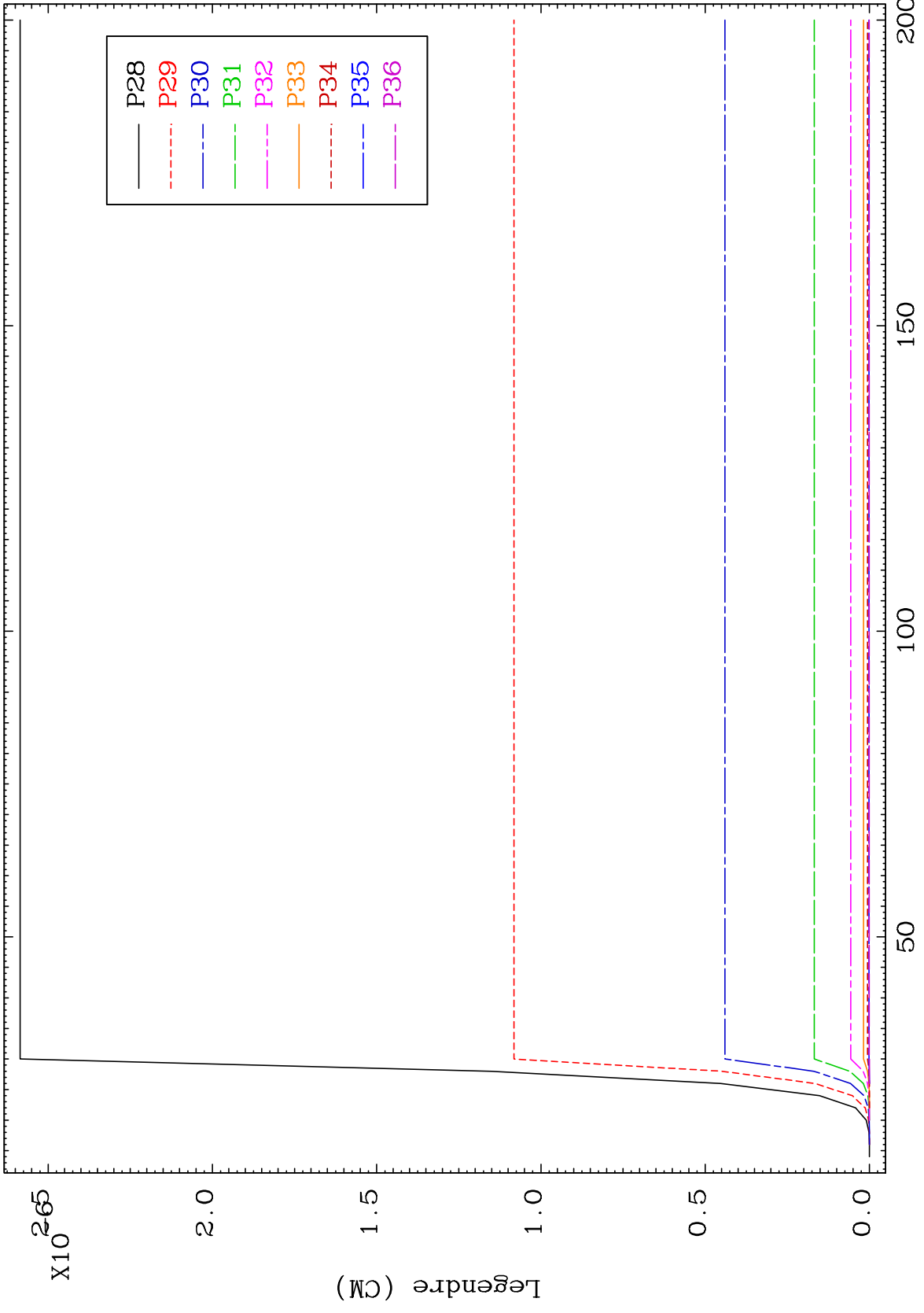
72-Hf-183

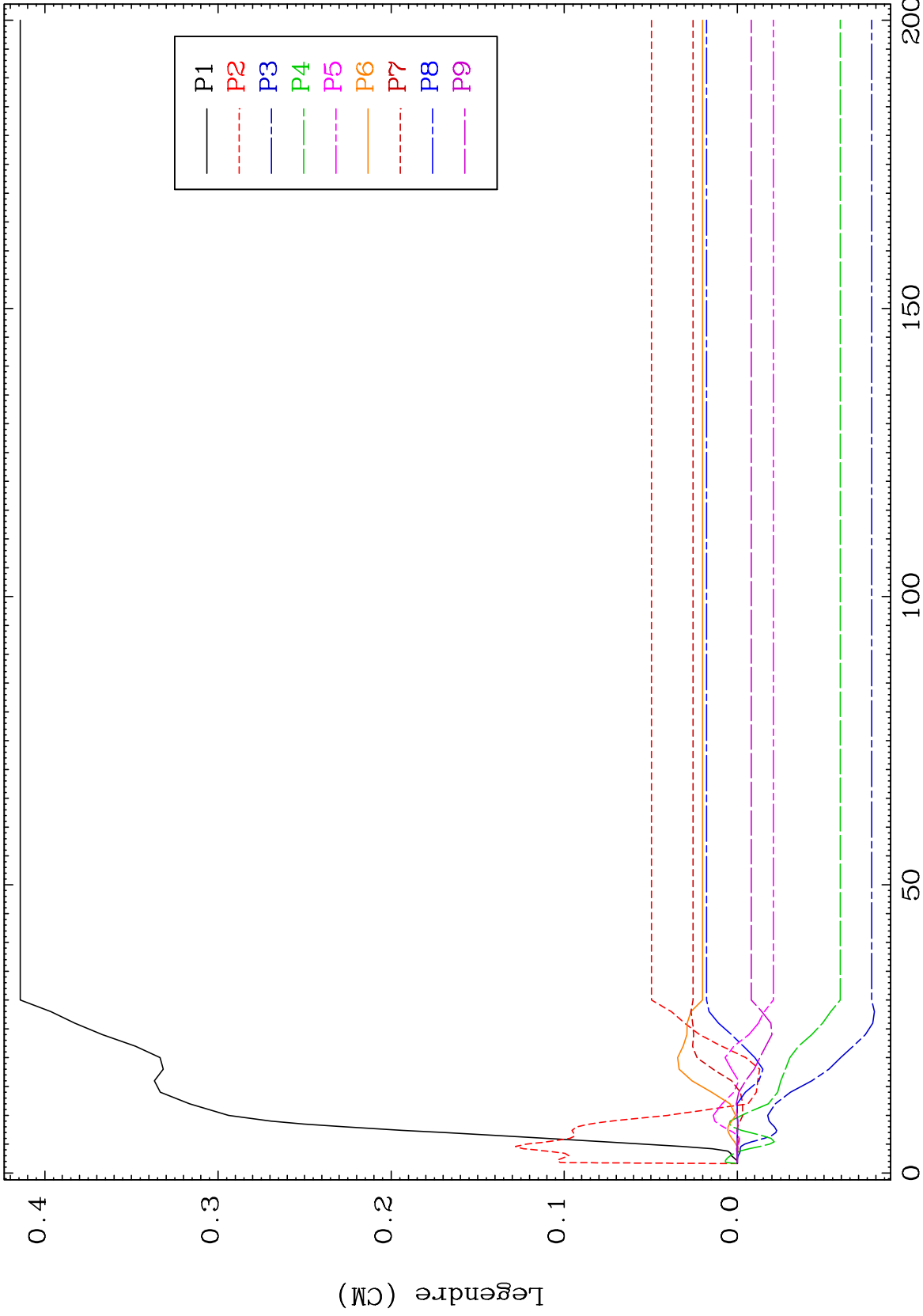


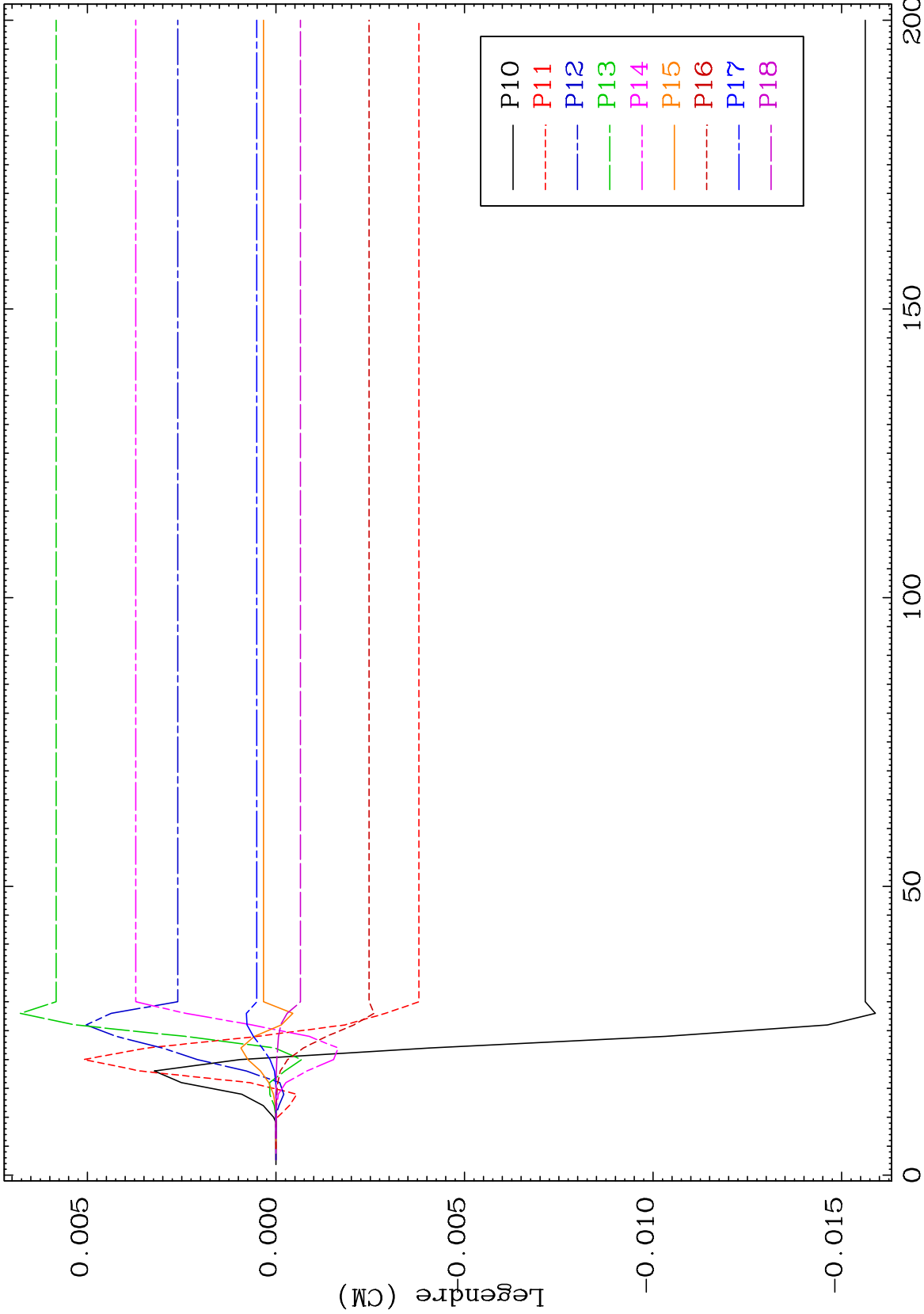
70

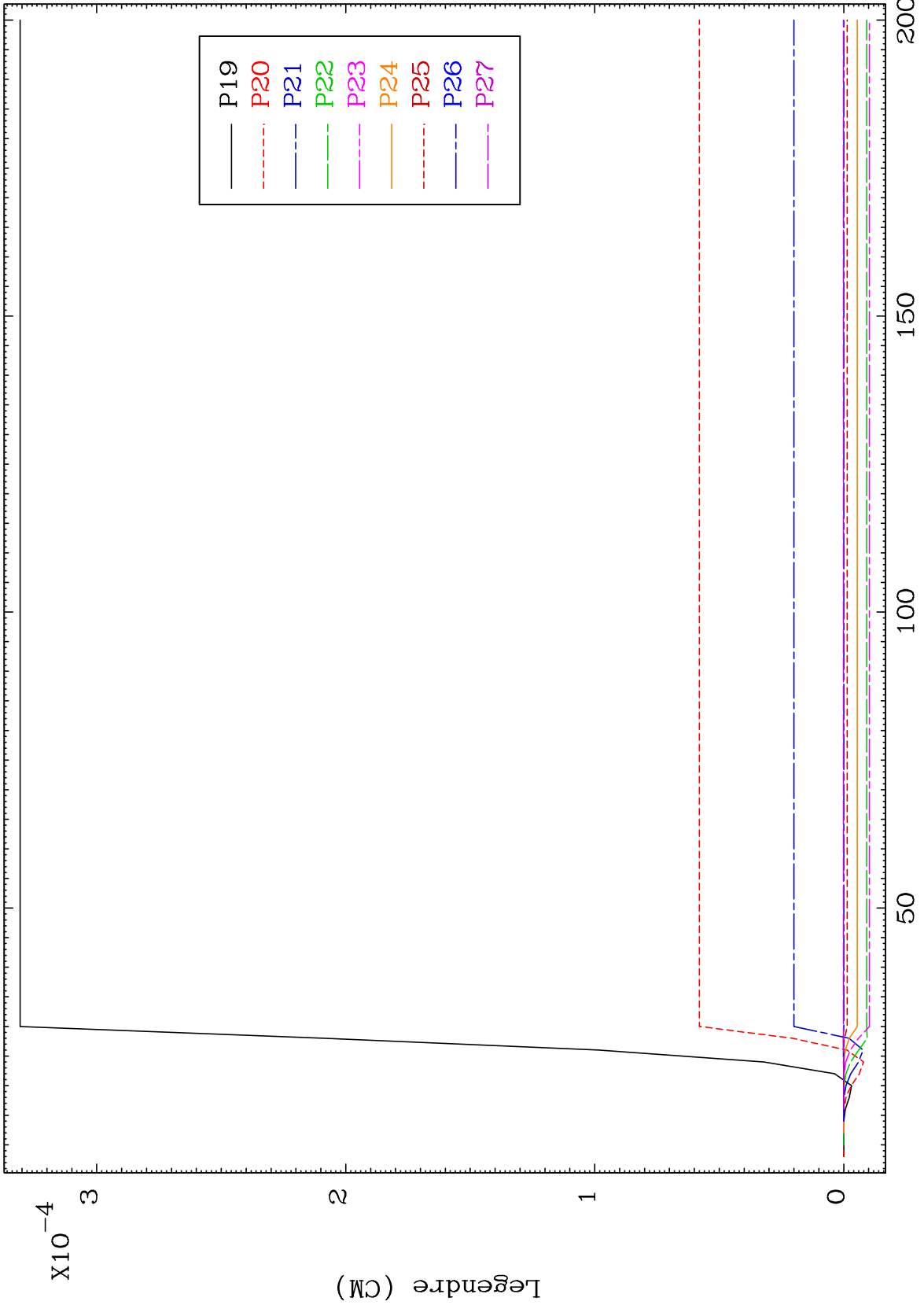
Incident Energy (MeV)

72-Hf-183





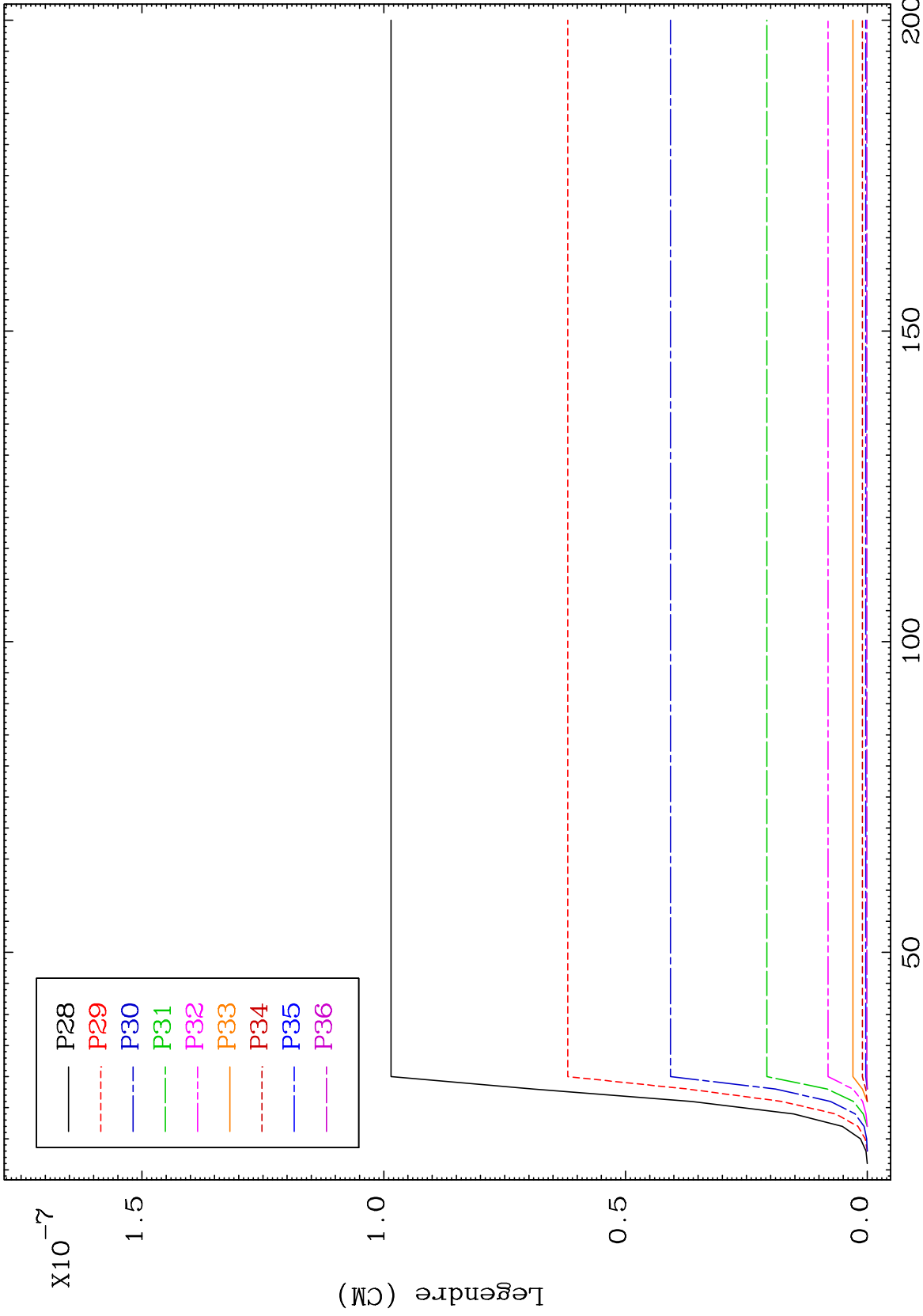




MAT 7252

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

72-Hf-183



75

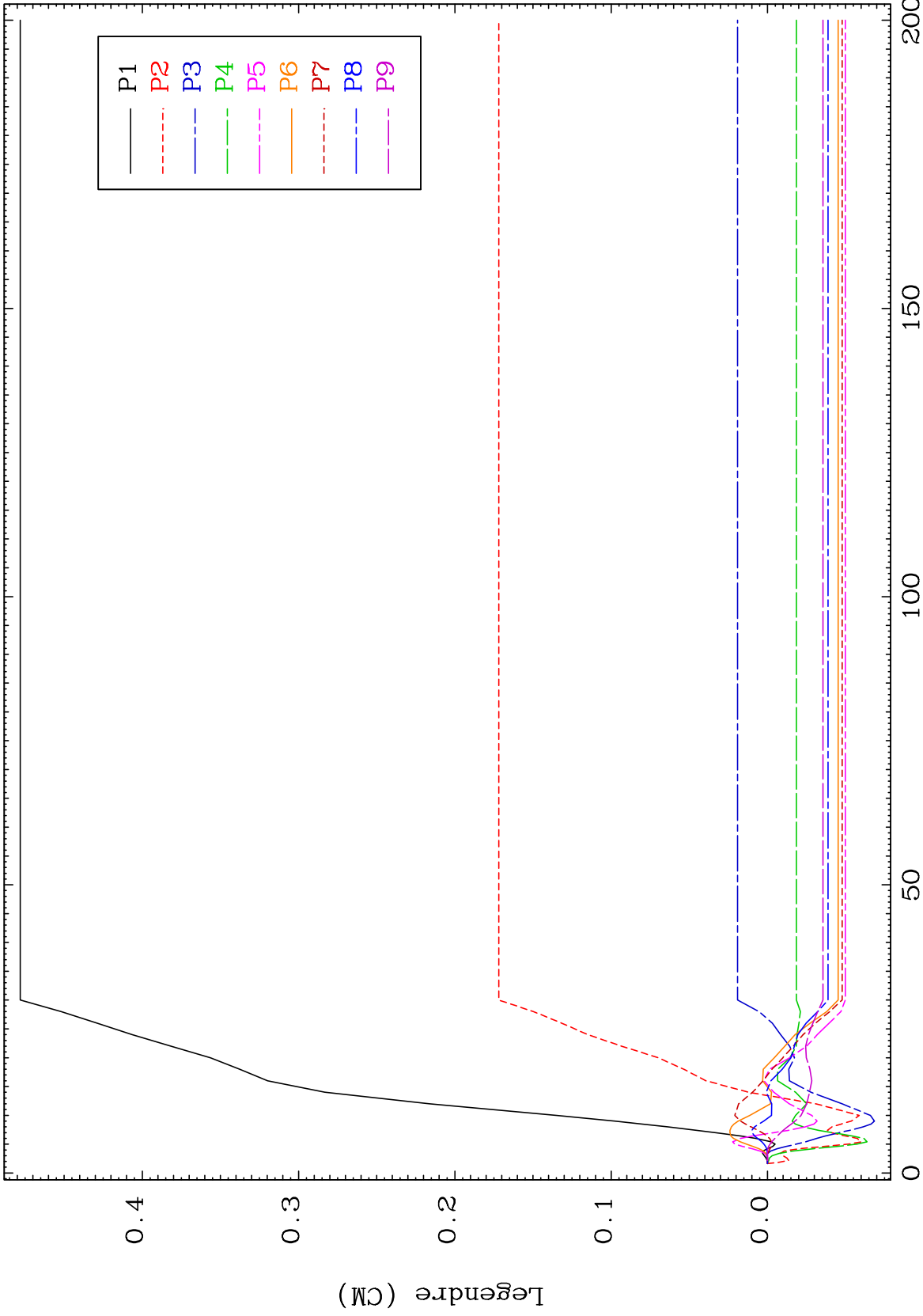
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

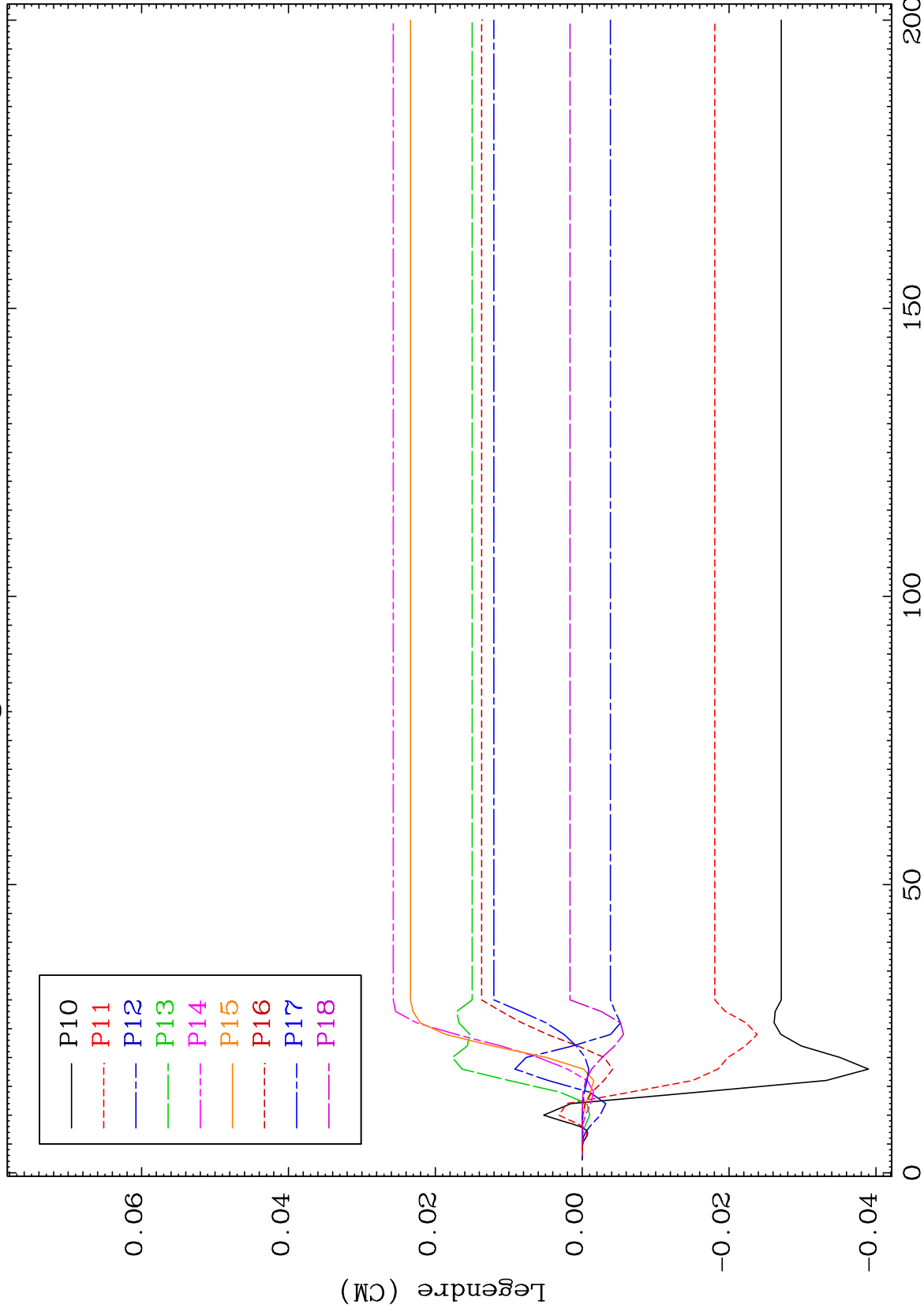
72-Hf-183

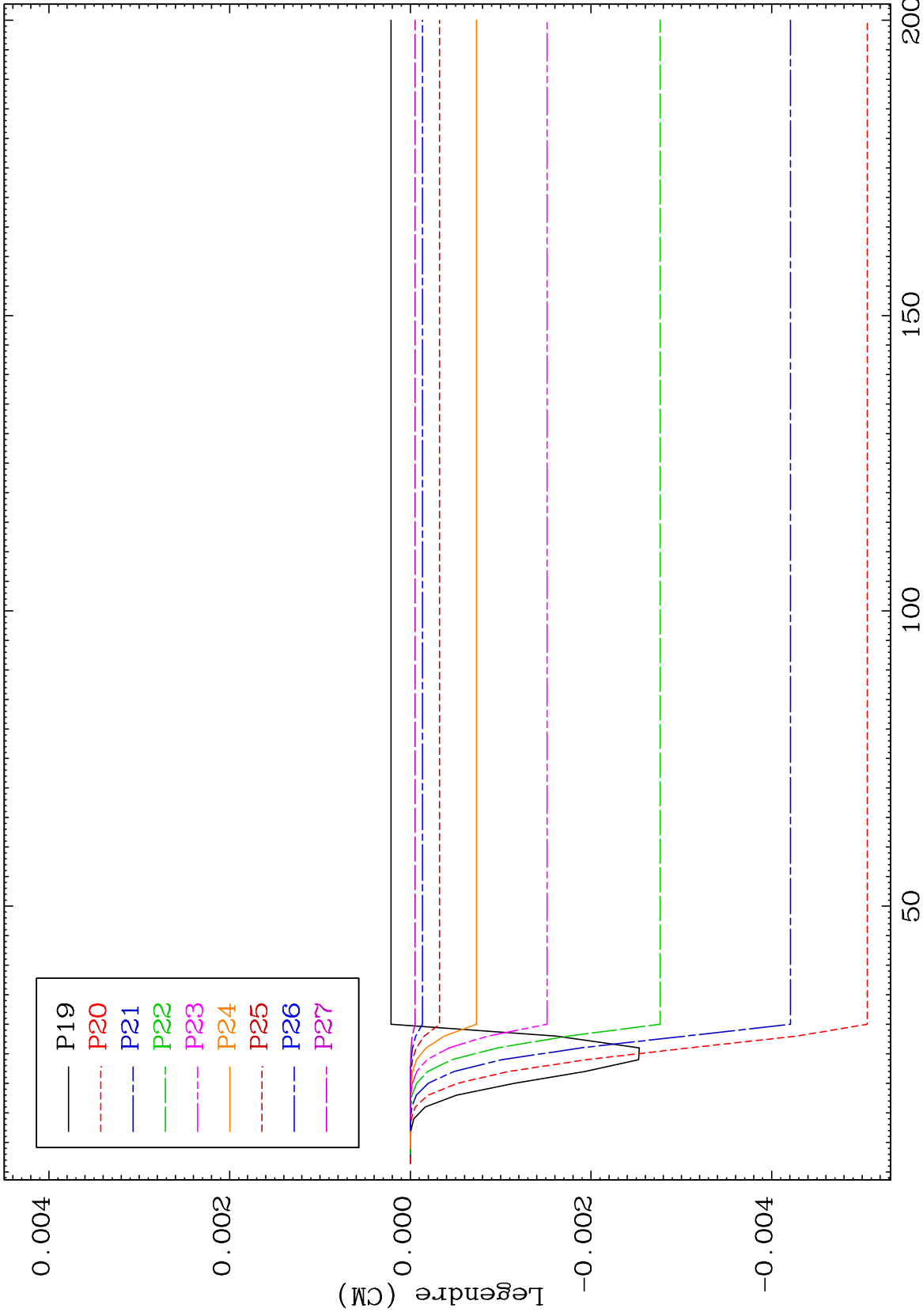


76

Incident Energy (MeV)

72-Hf-183

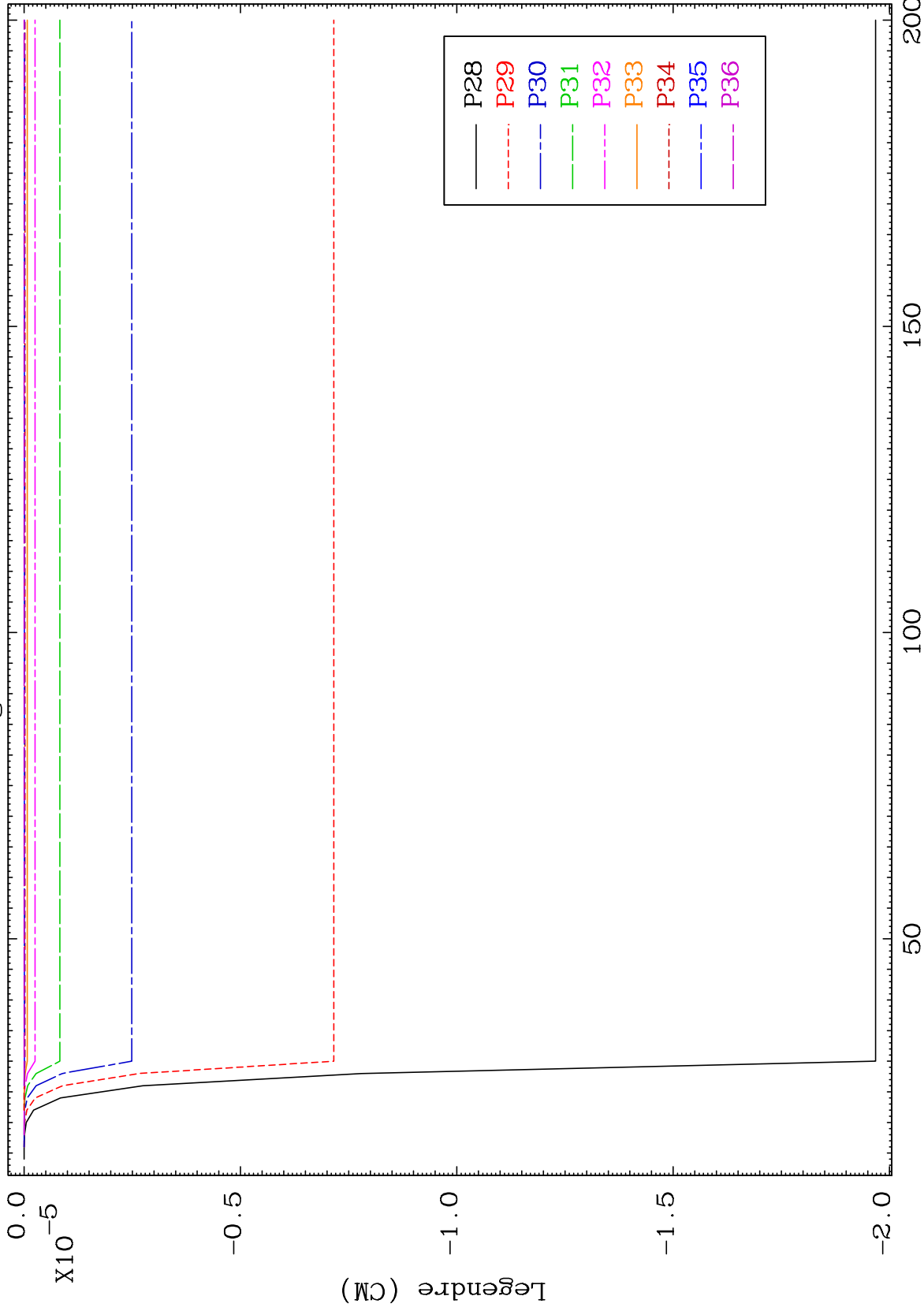




MAT 7252

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

72-Hf-183



79

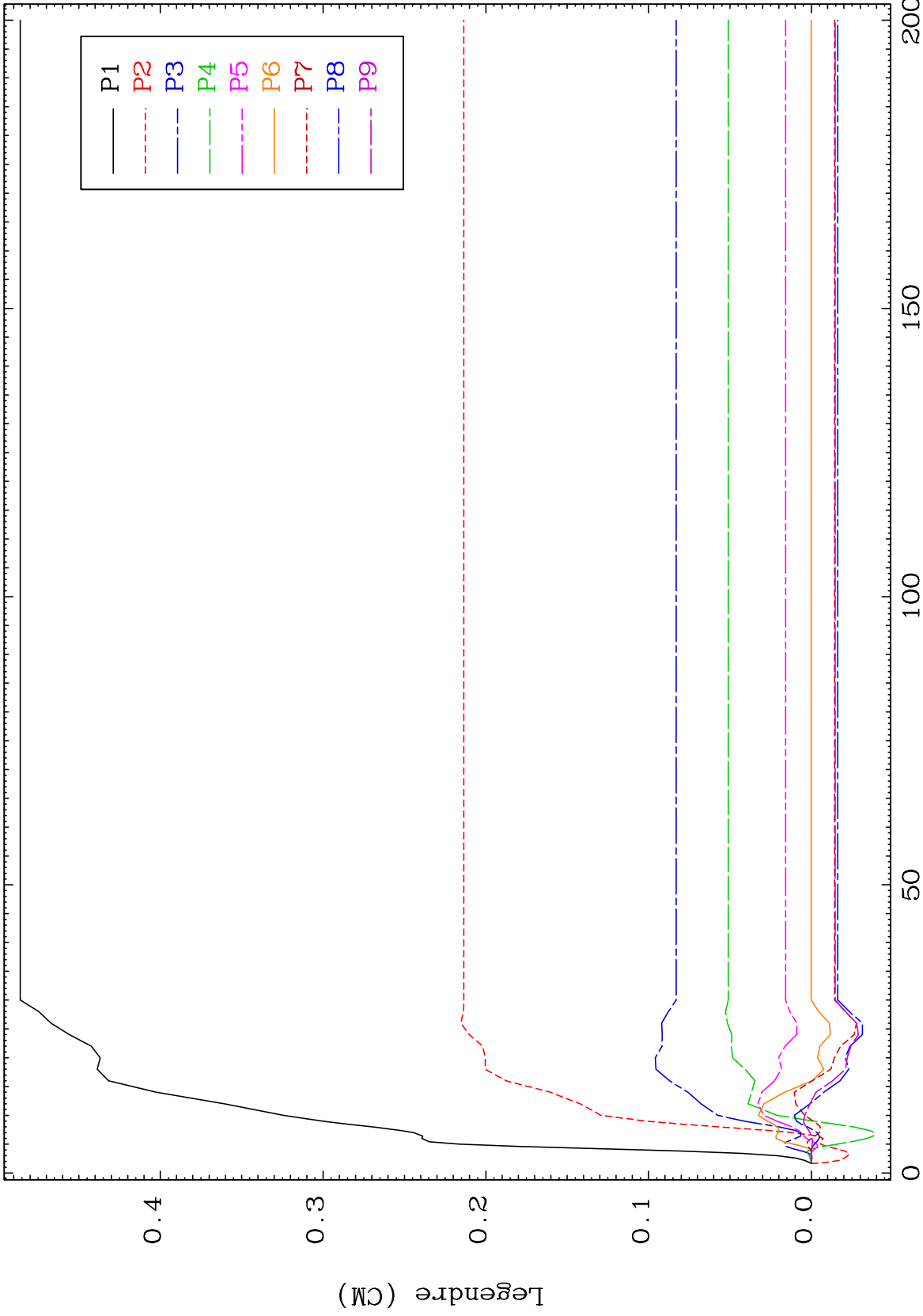
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



80

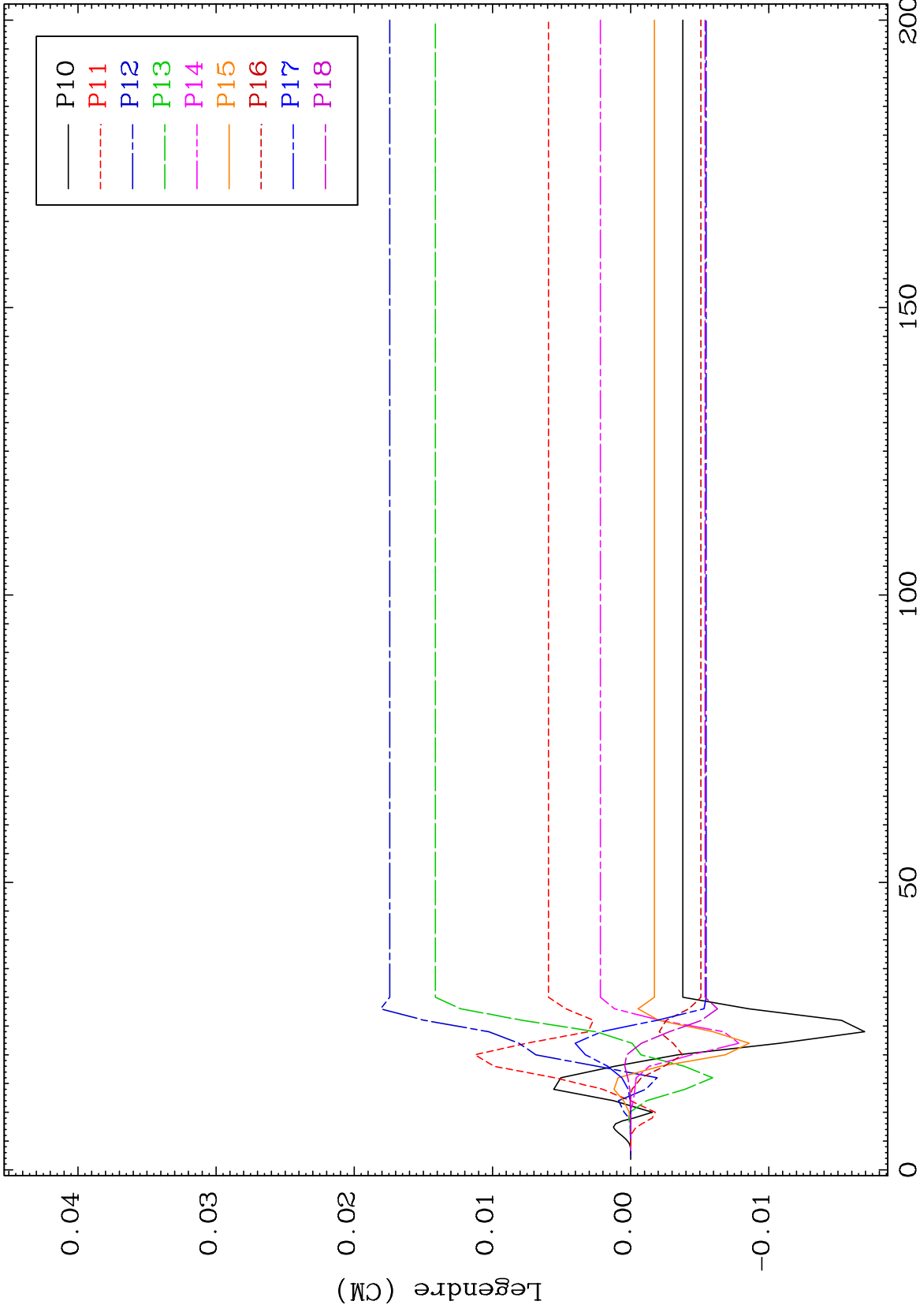
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



81

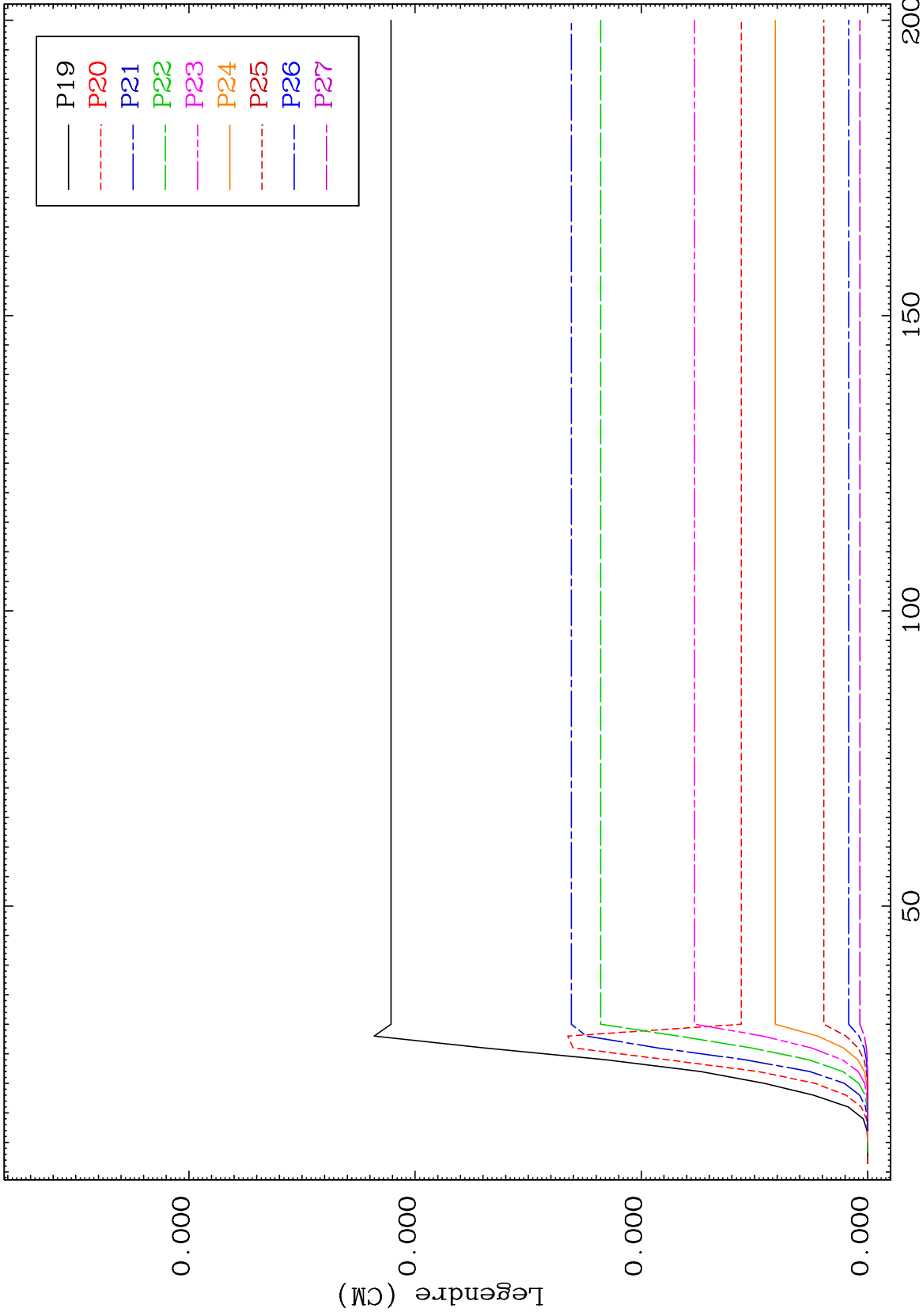
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

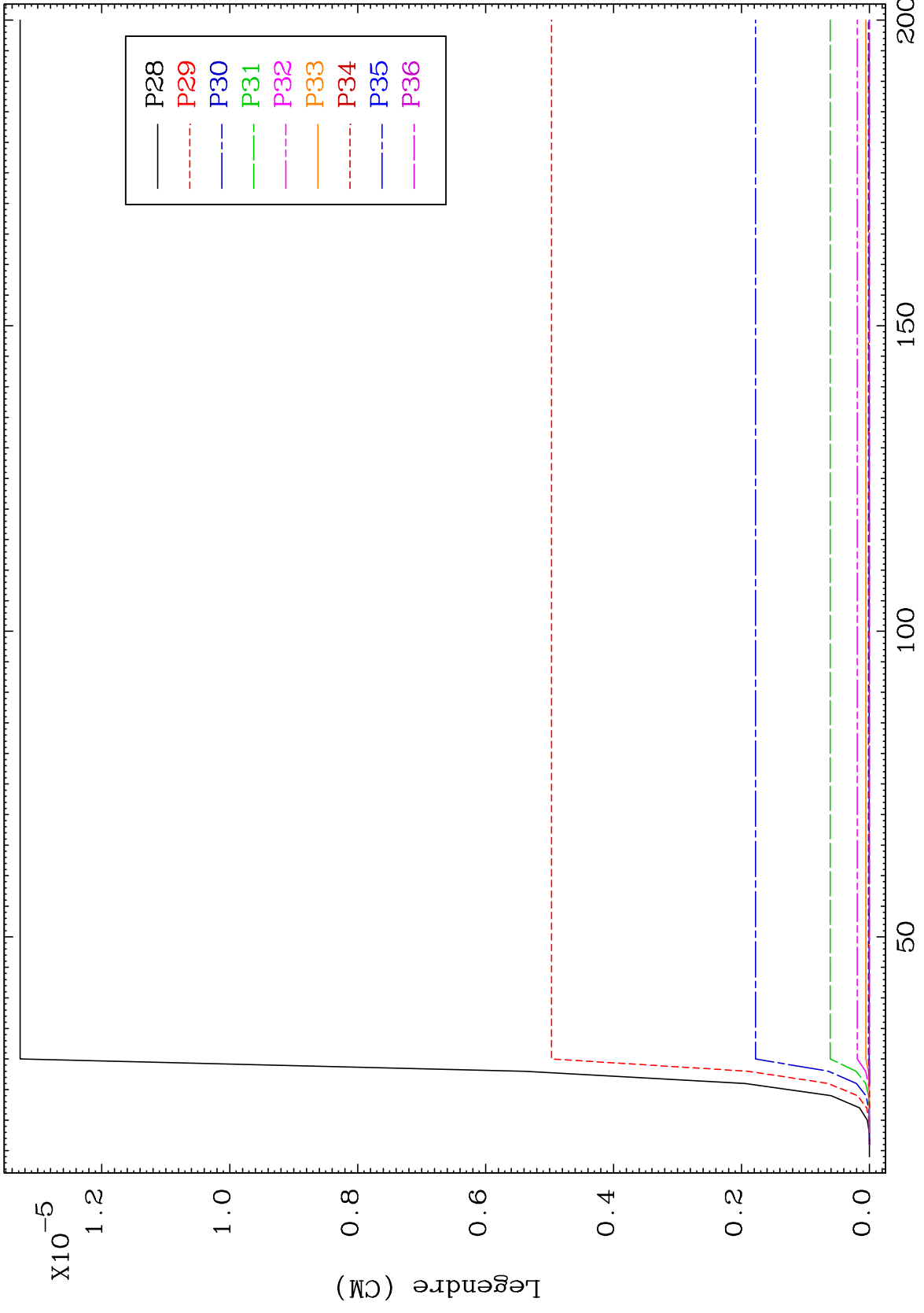
72-Hf-183

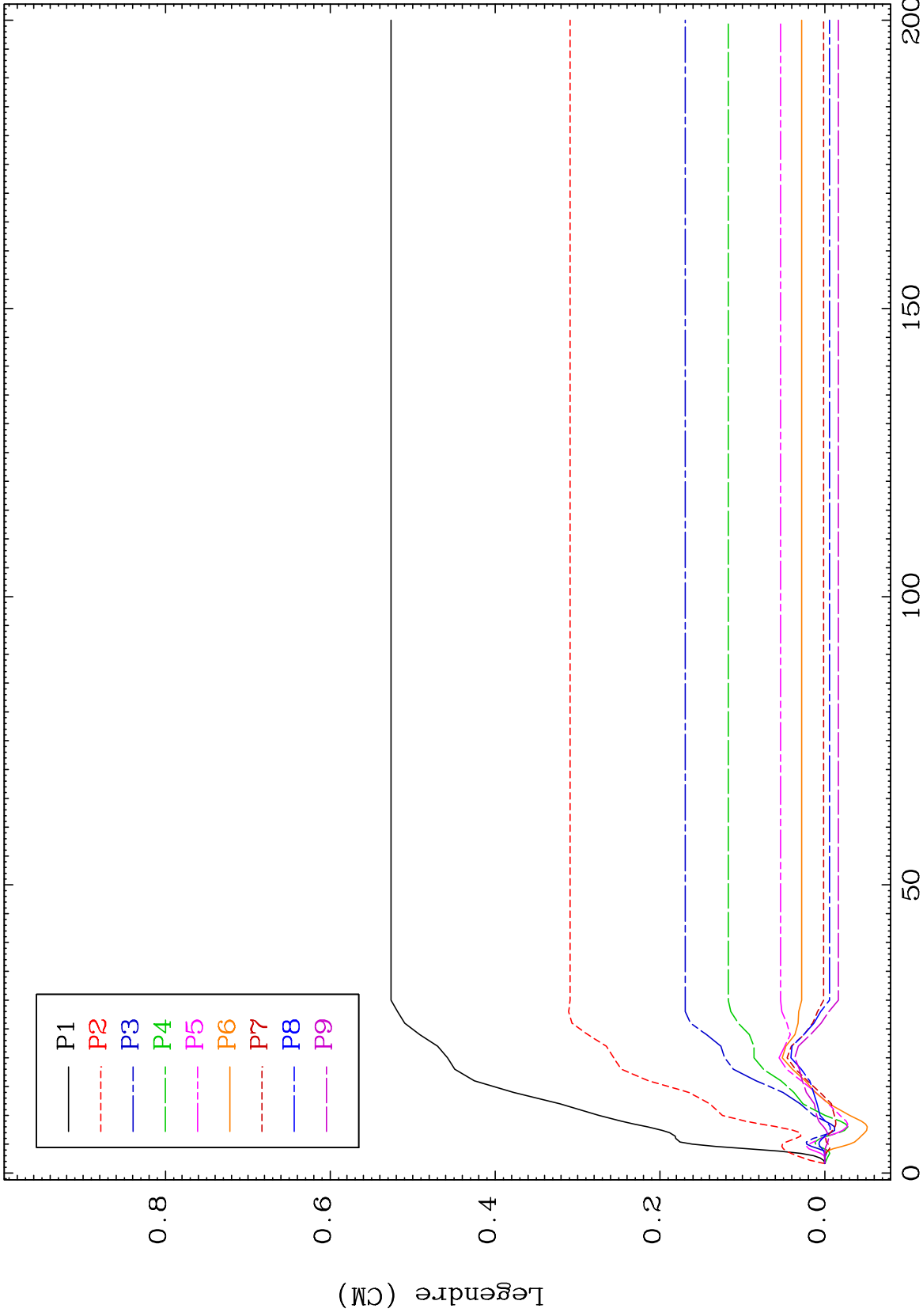


82

Incident Energy (MeV)

72-Hf-183

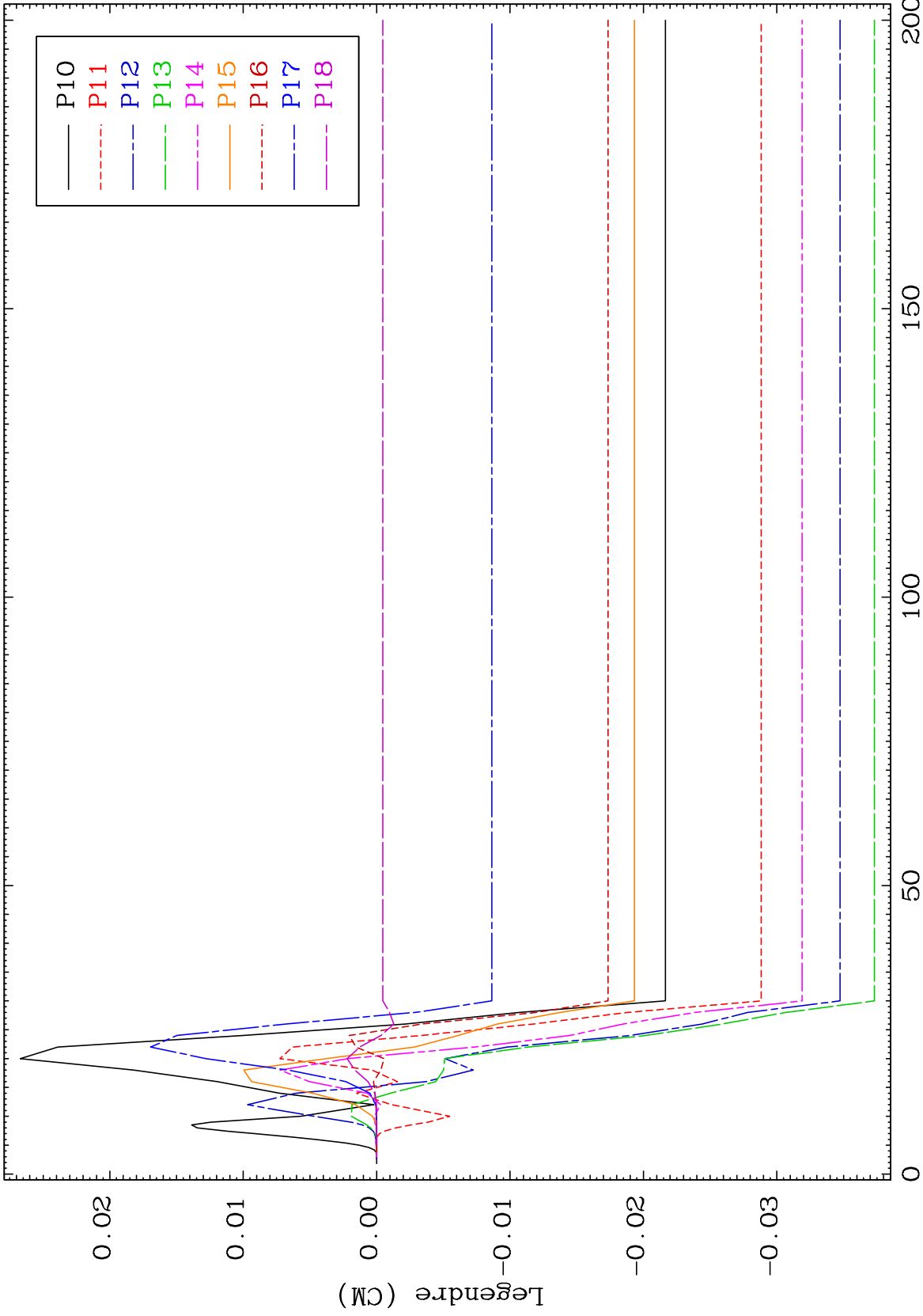




MAT 7252

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

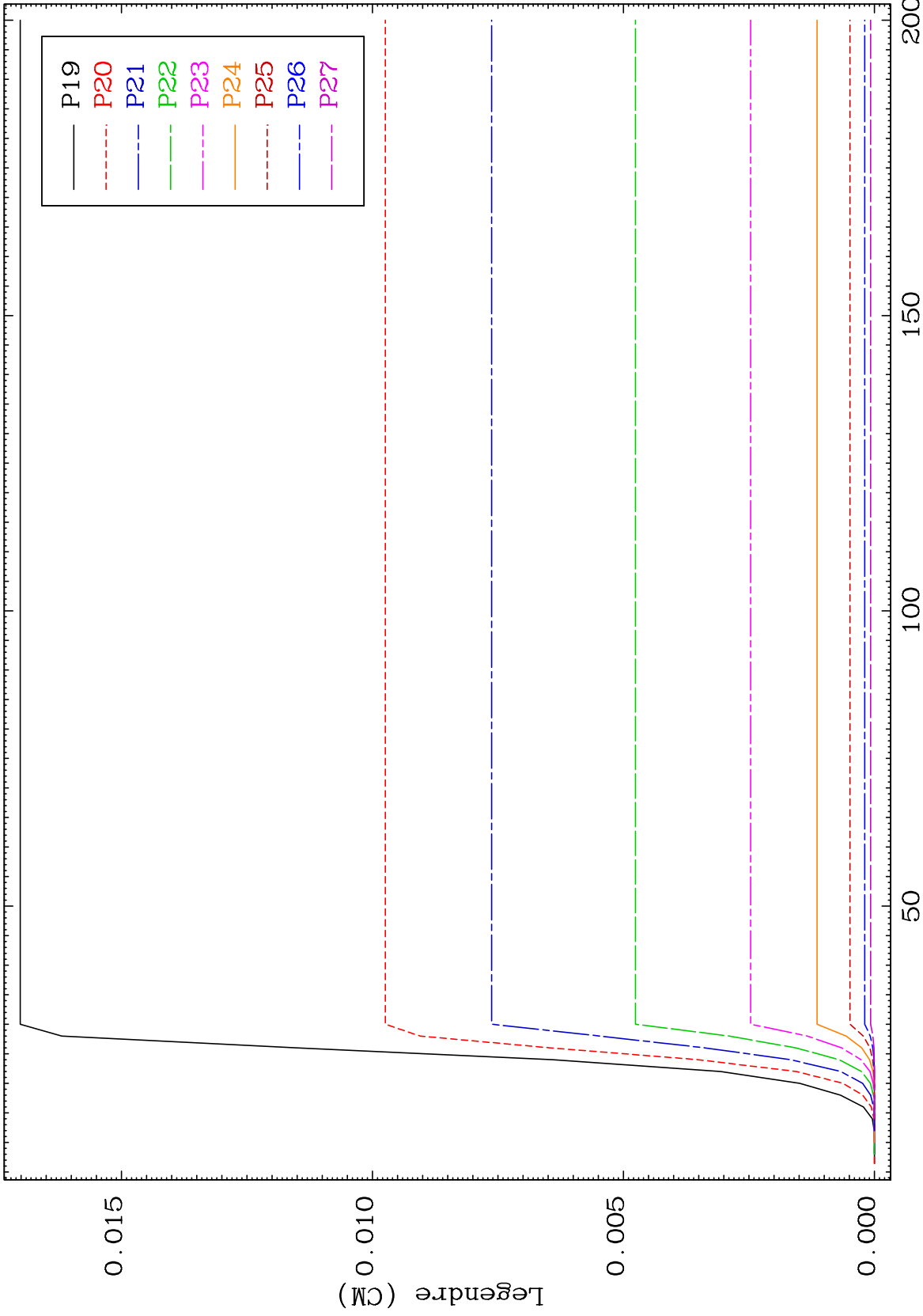
72-Hf-183



85

Incident Energy (MeV)

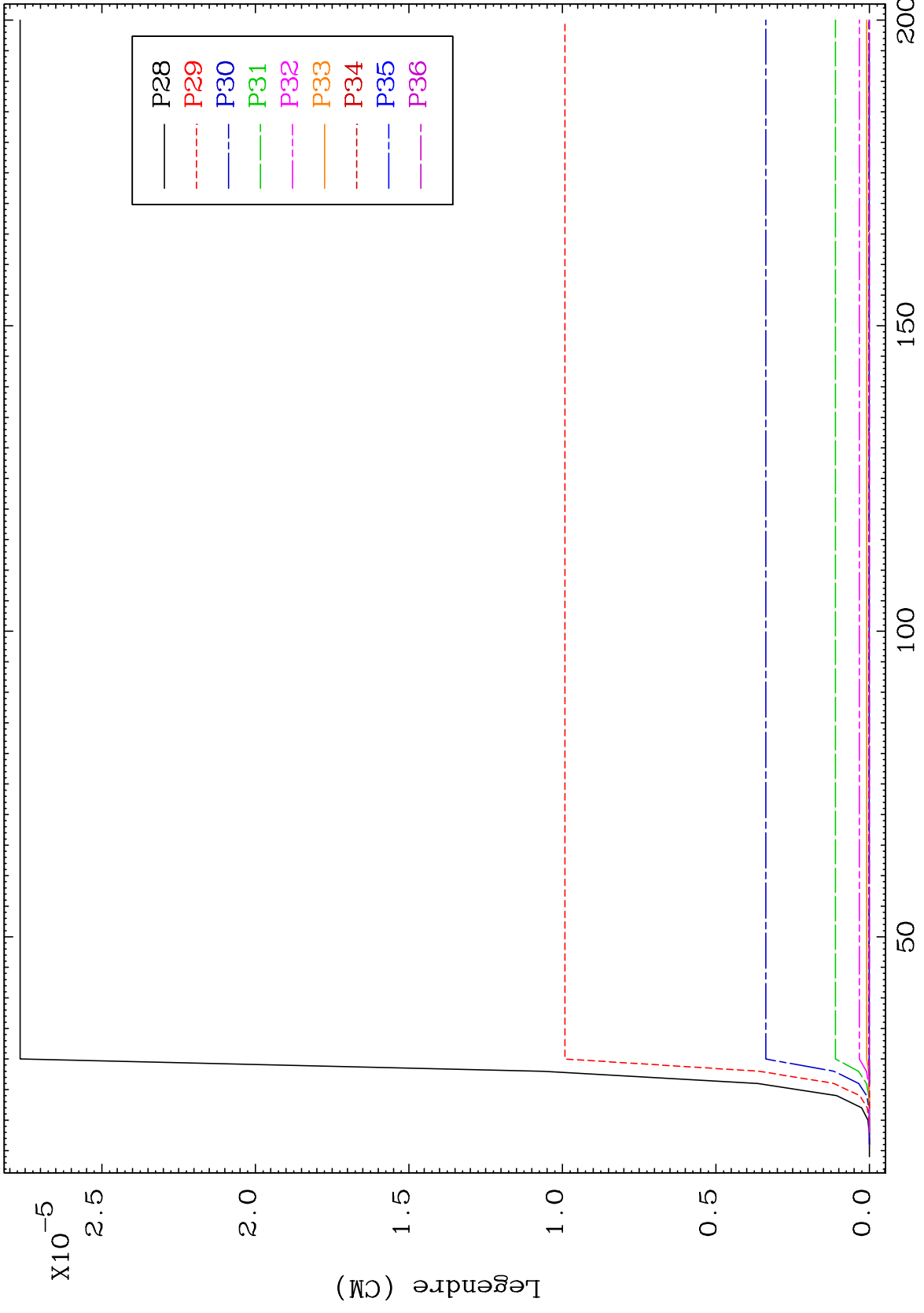
72-Hf-183



MAT 7252

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

72-Hf-183



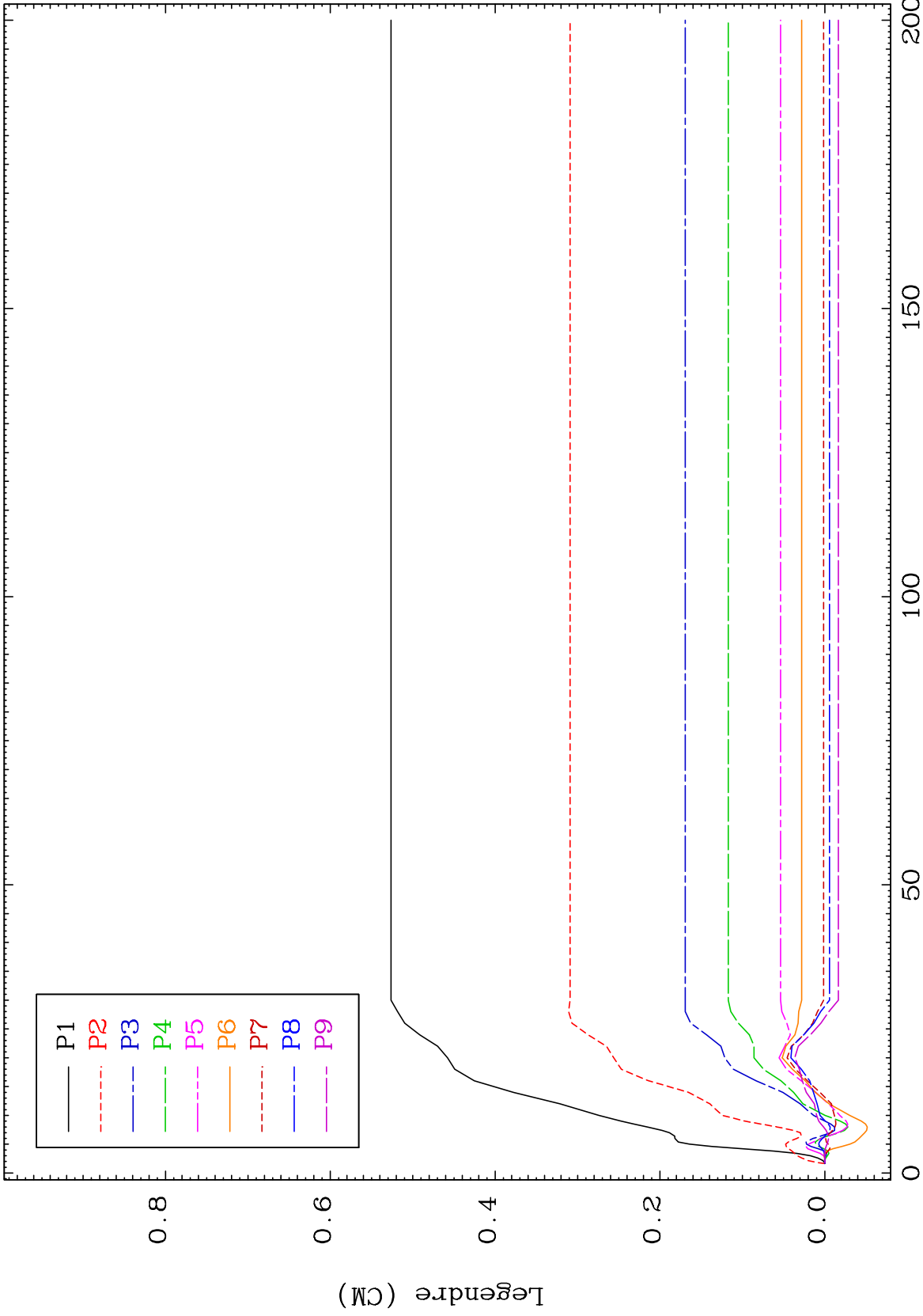
87

72-Hf-183

MAT 7252

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

72-Hf-183



88

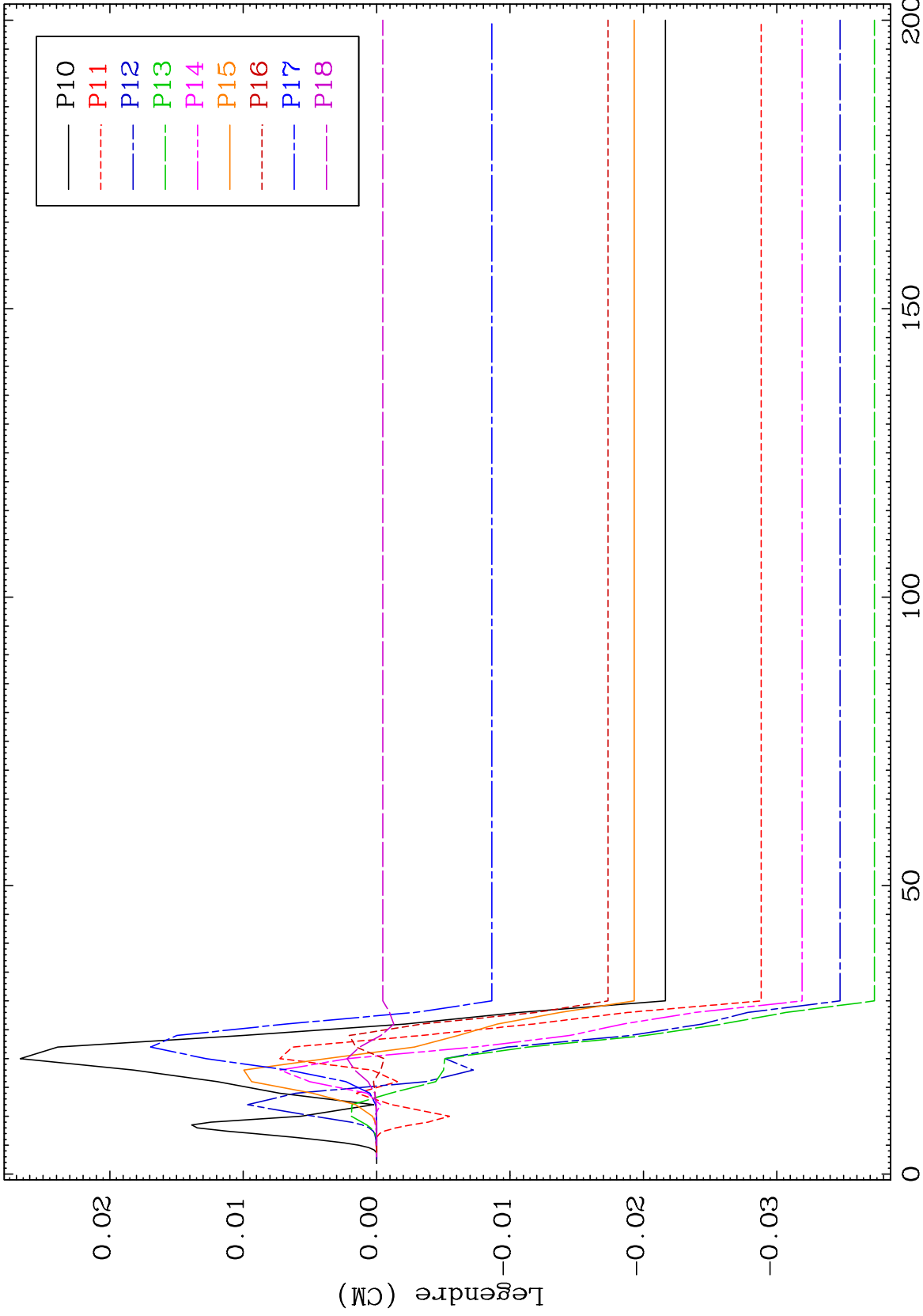
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



89

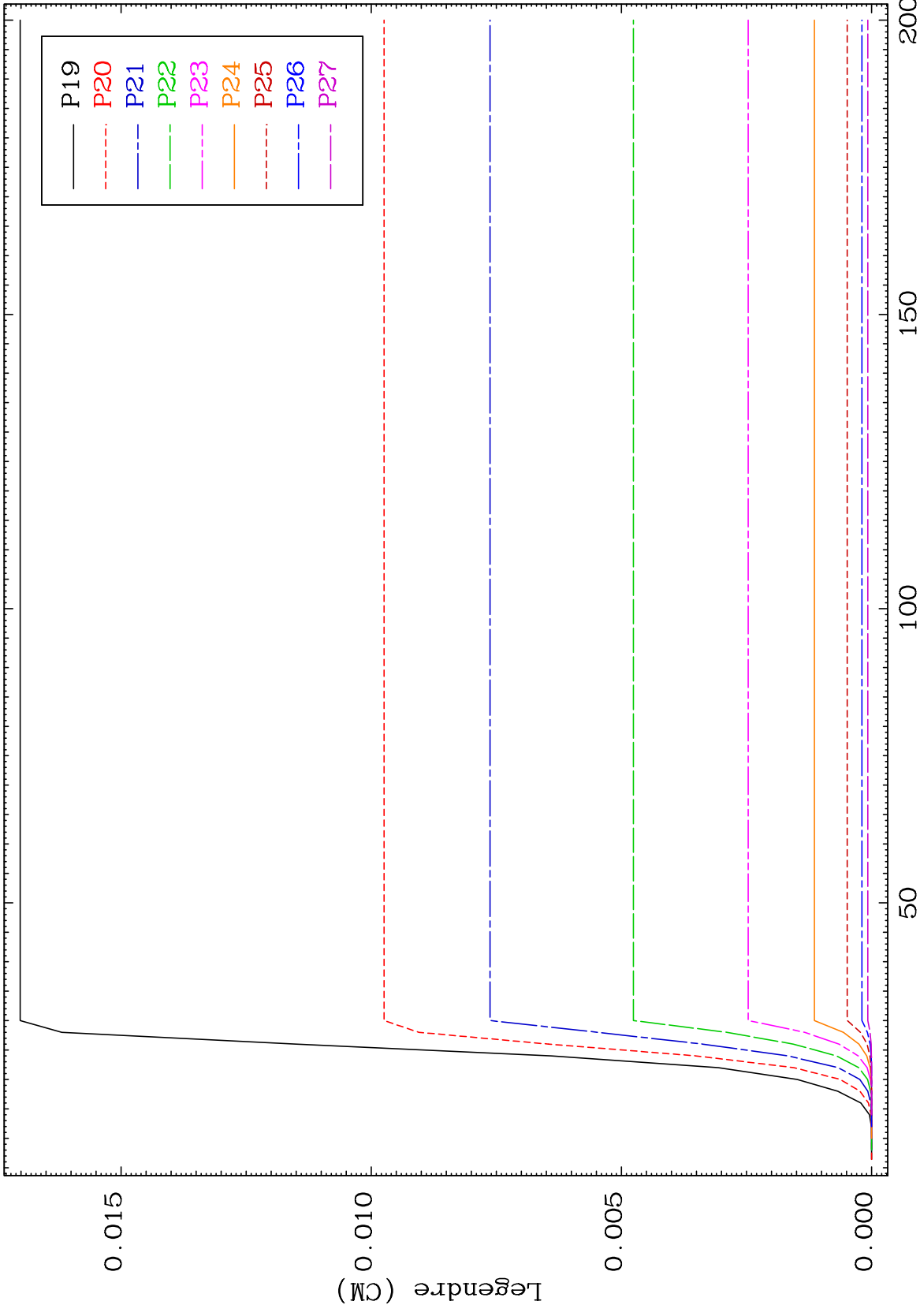
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



90

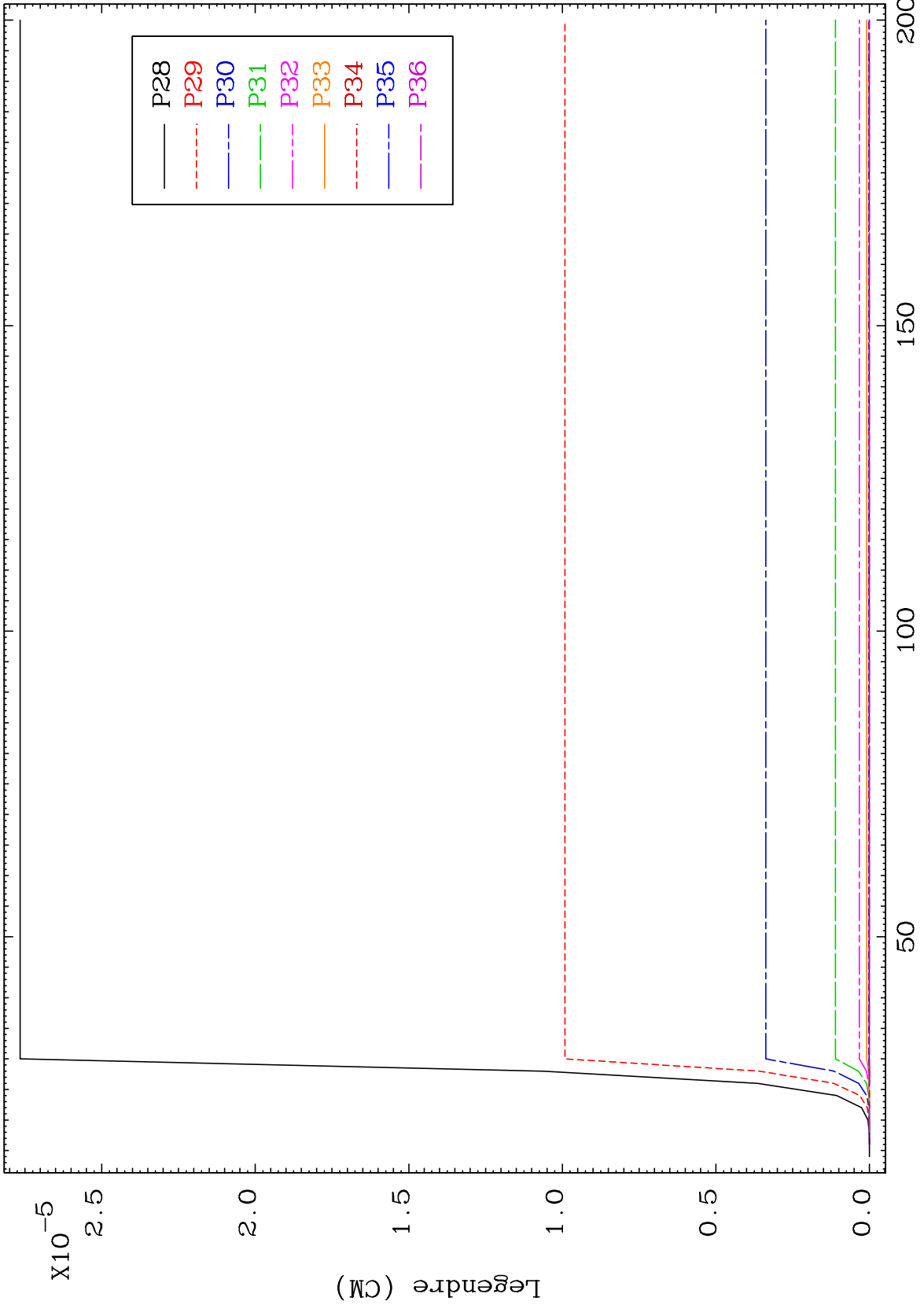
Incident Energy (MeV)

72-Hf-183

MAT 7252

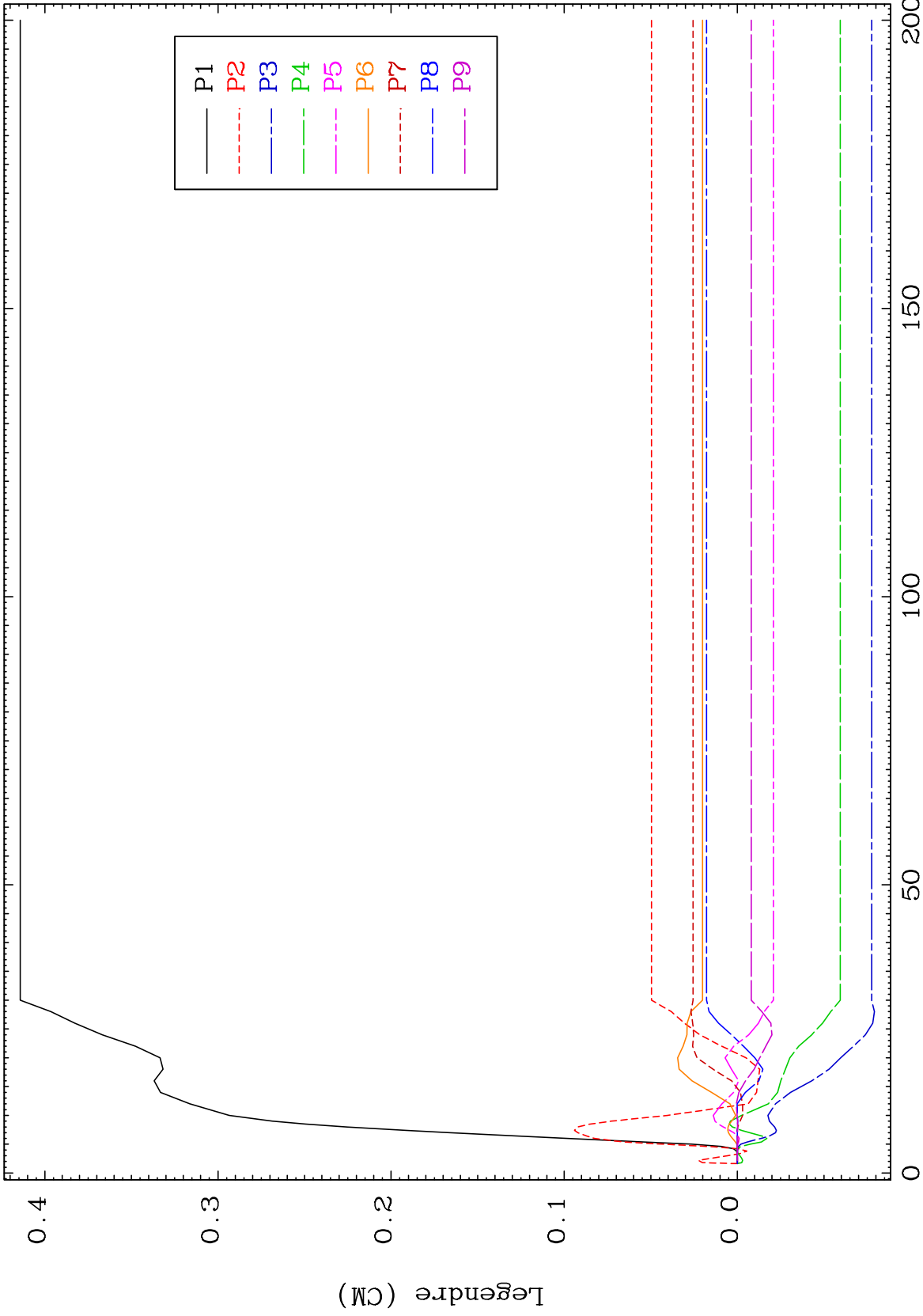
MT= 68 (n,n') Level
Legendre Coefficients

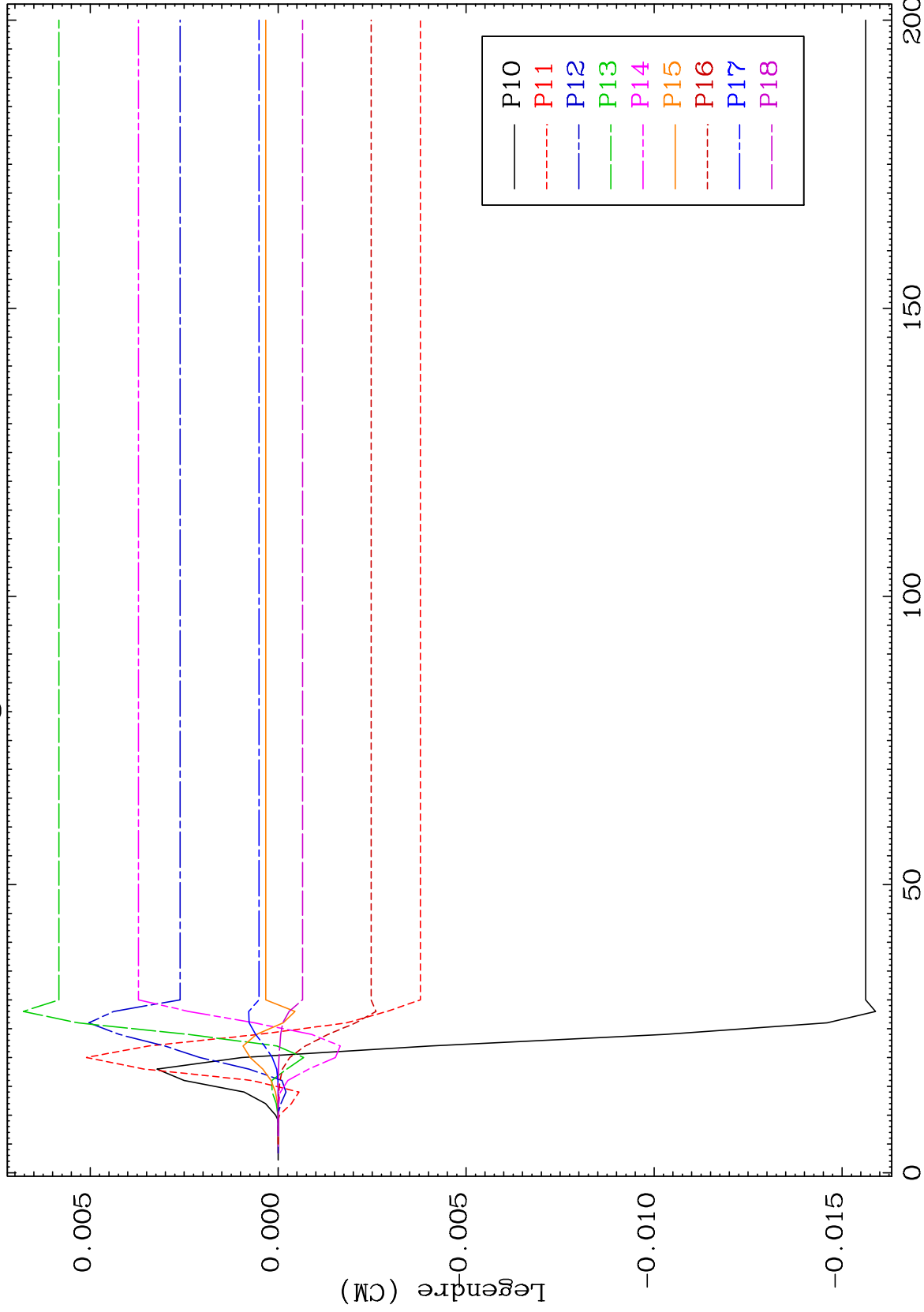
72-Hf-183

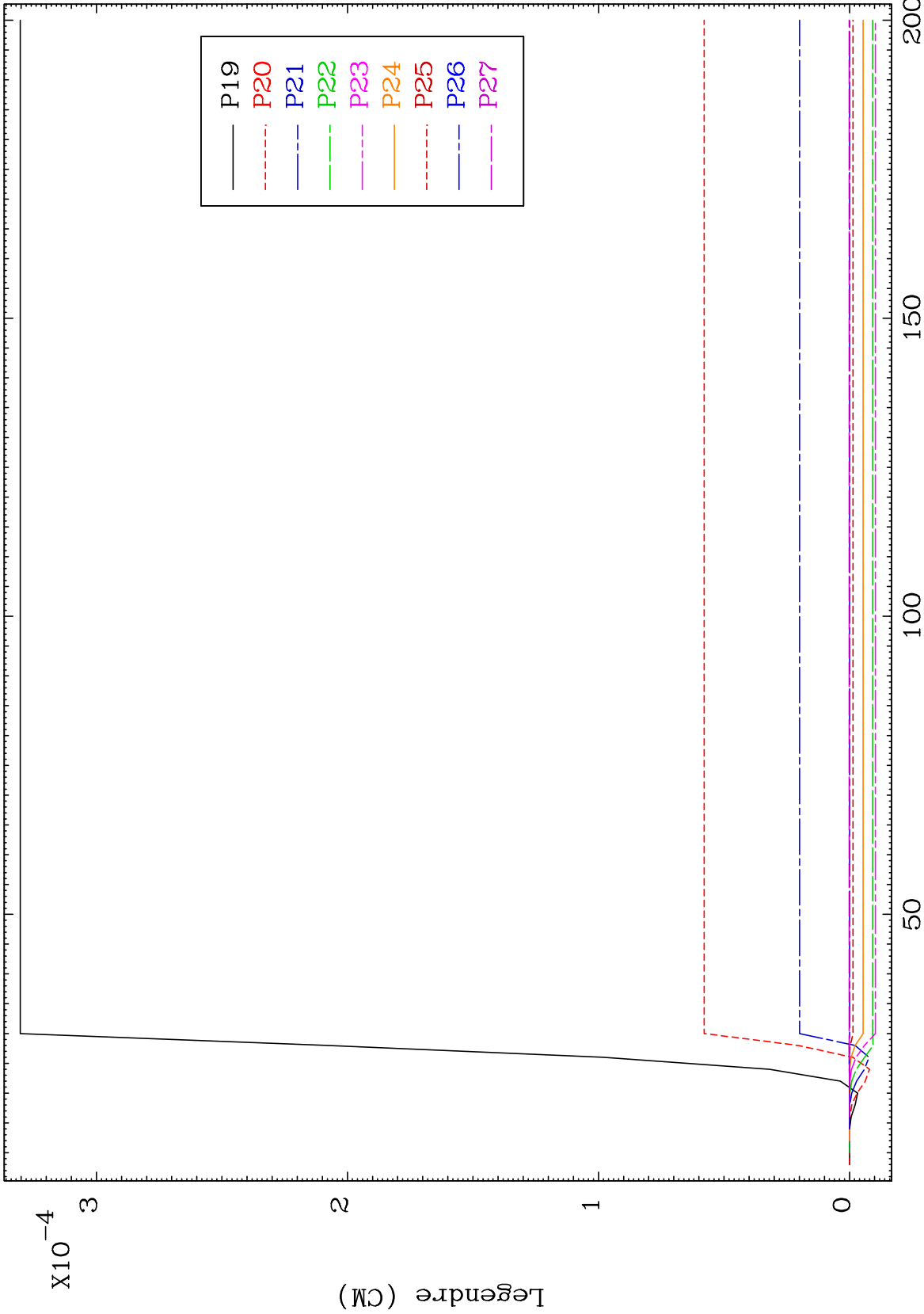


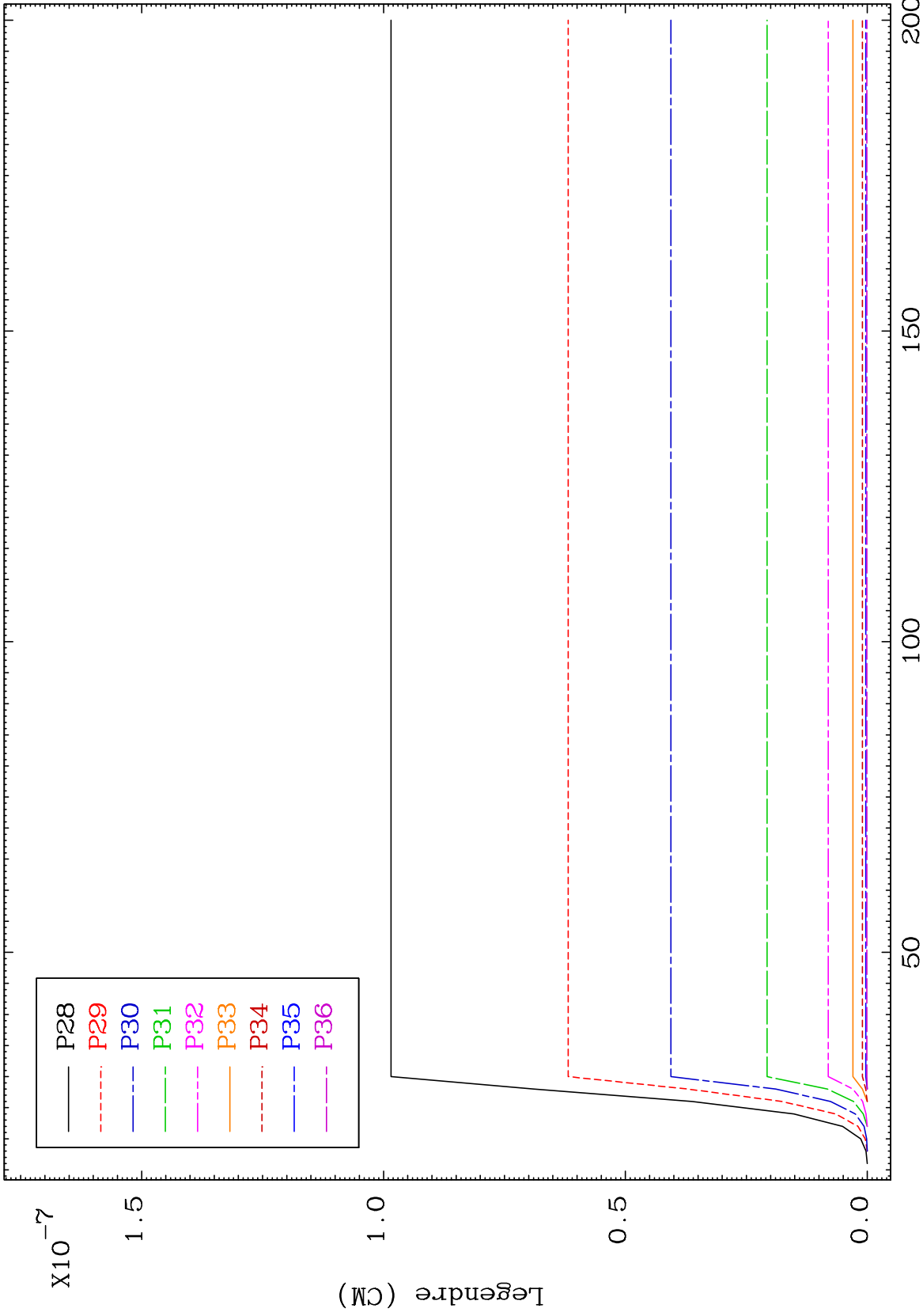
91

72-Hf-183





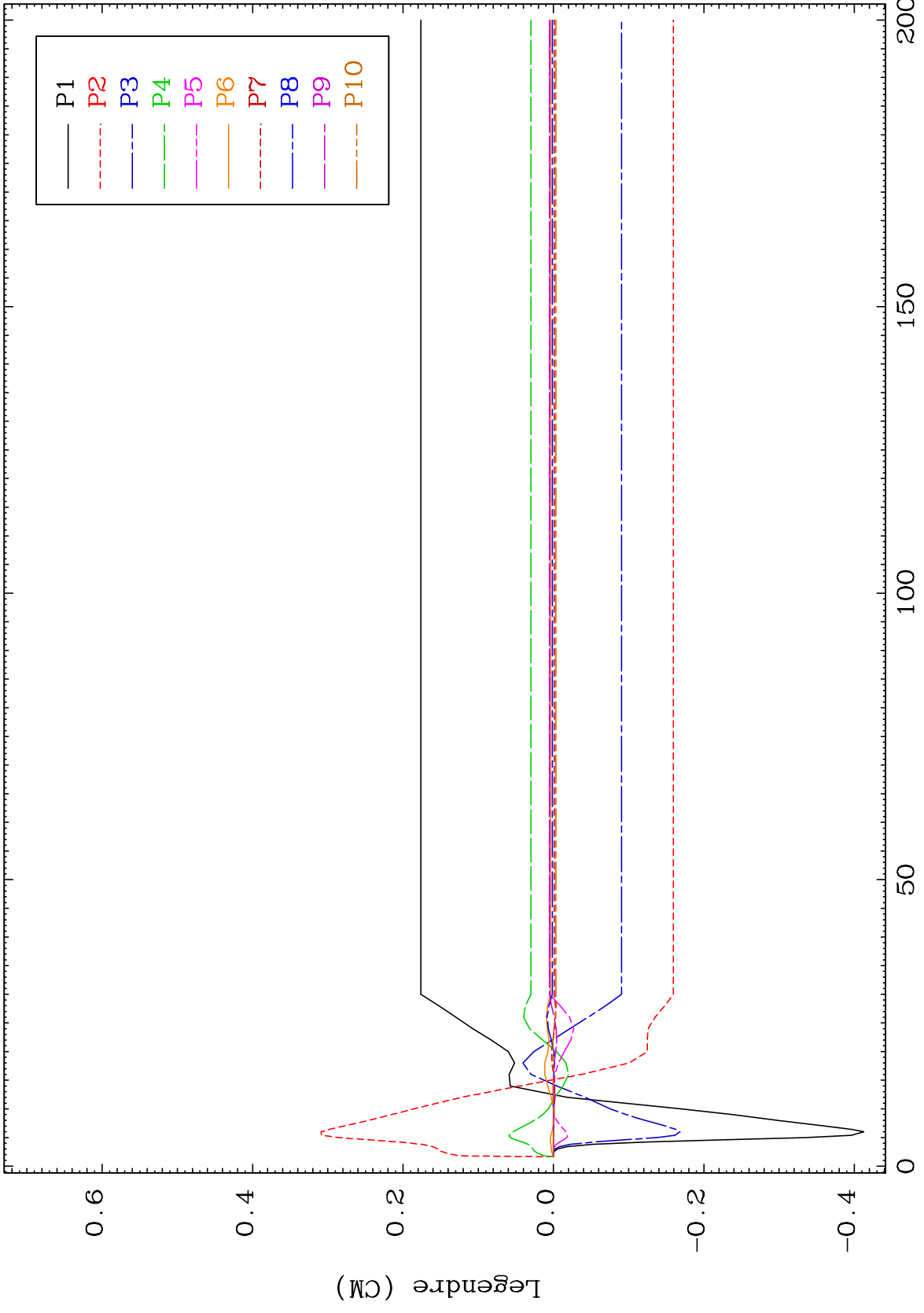




MAT 7252

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

72-Hf-183



96

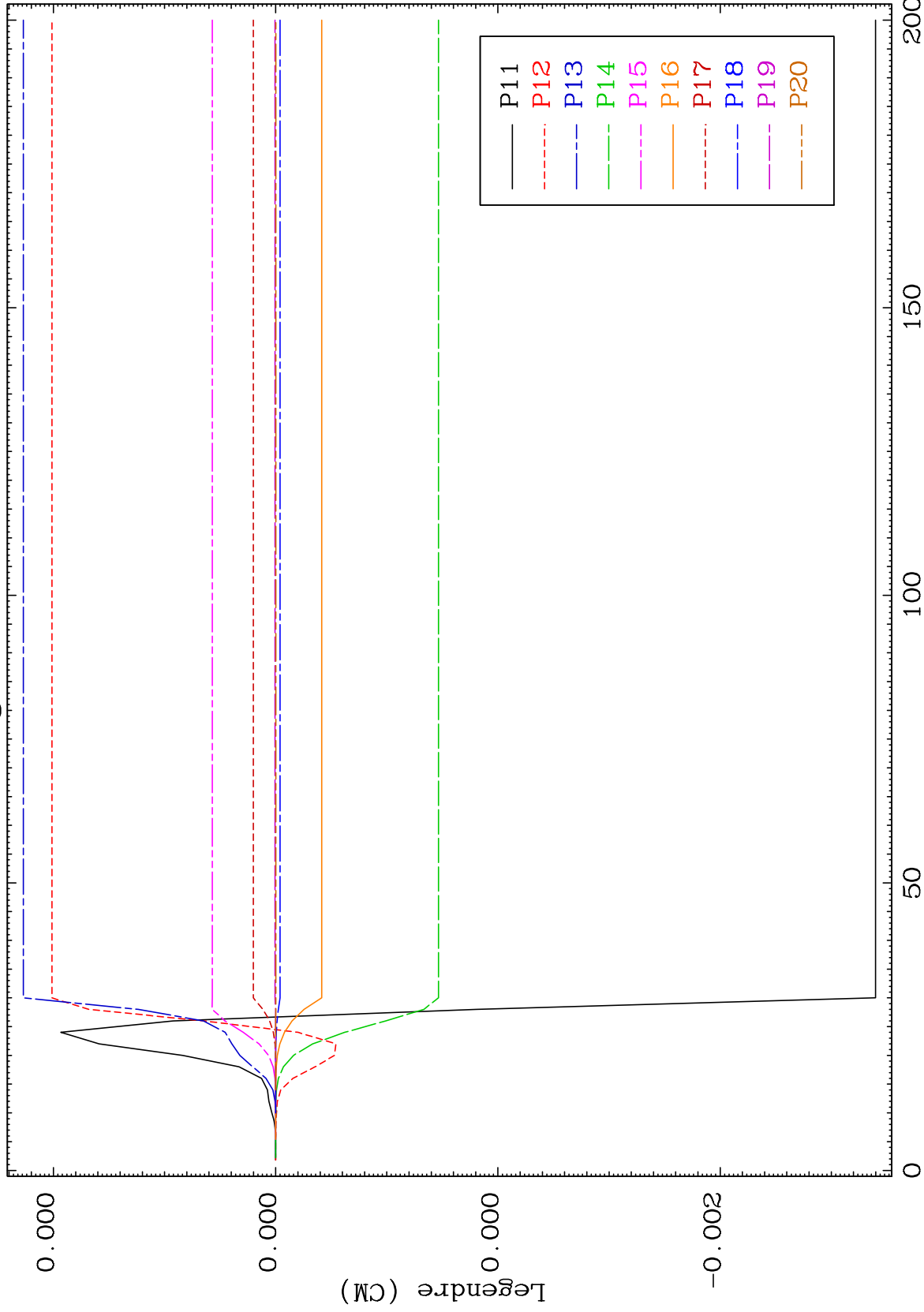
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



97

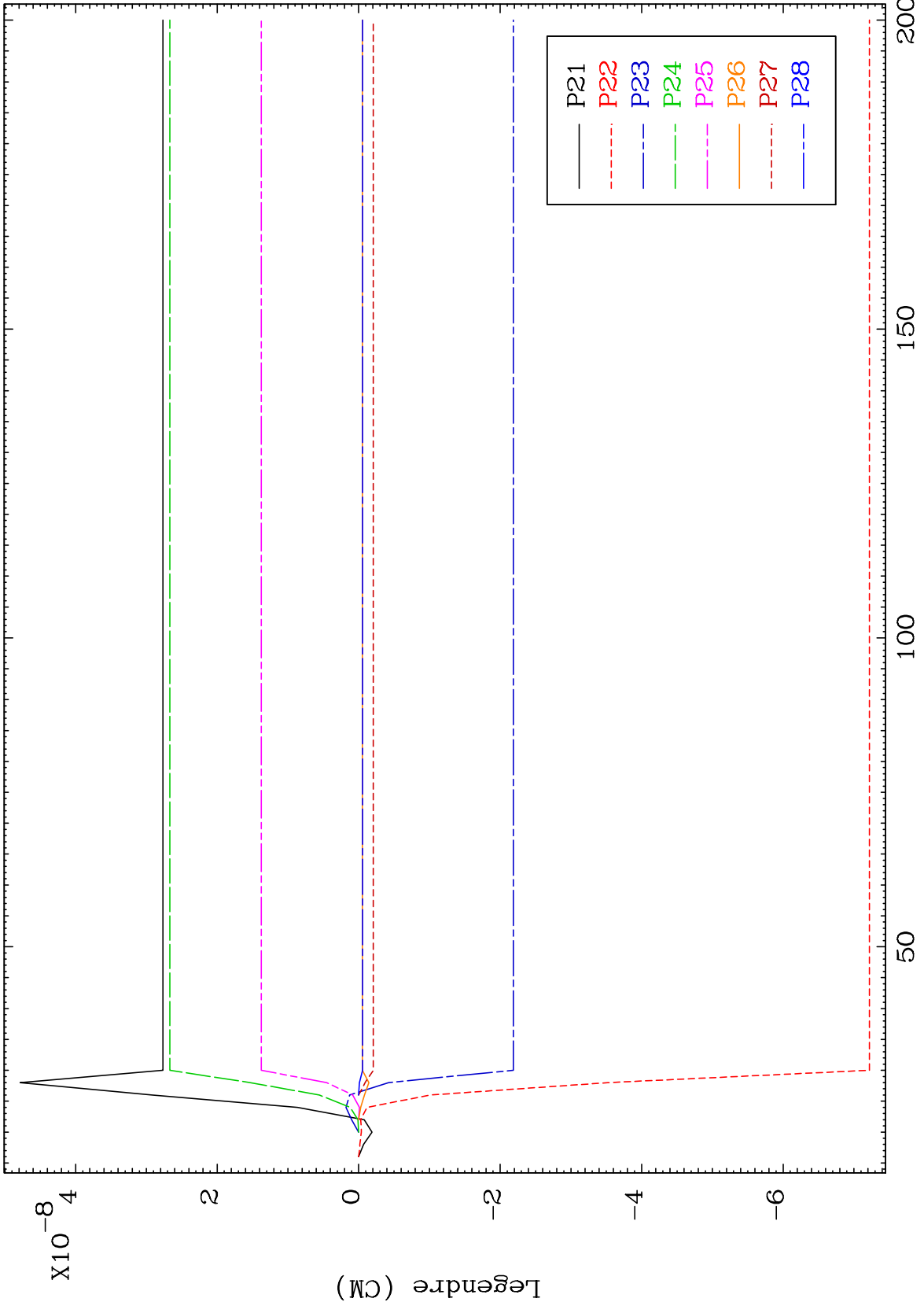
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



98

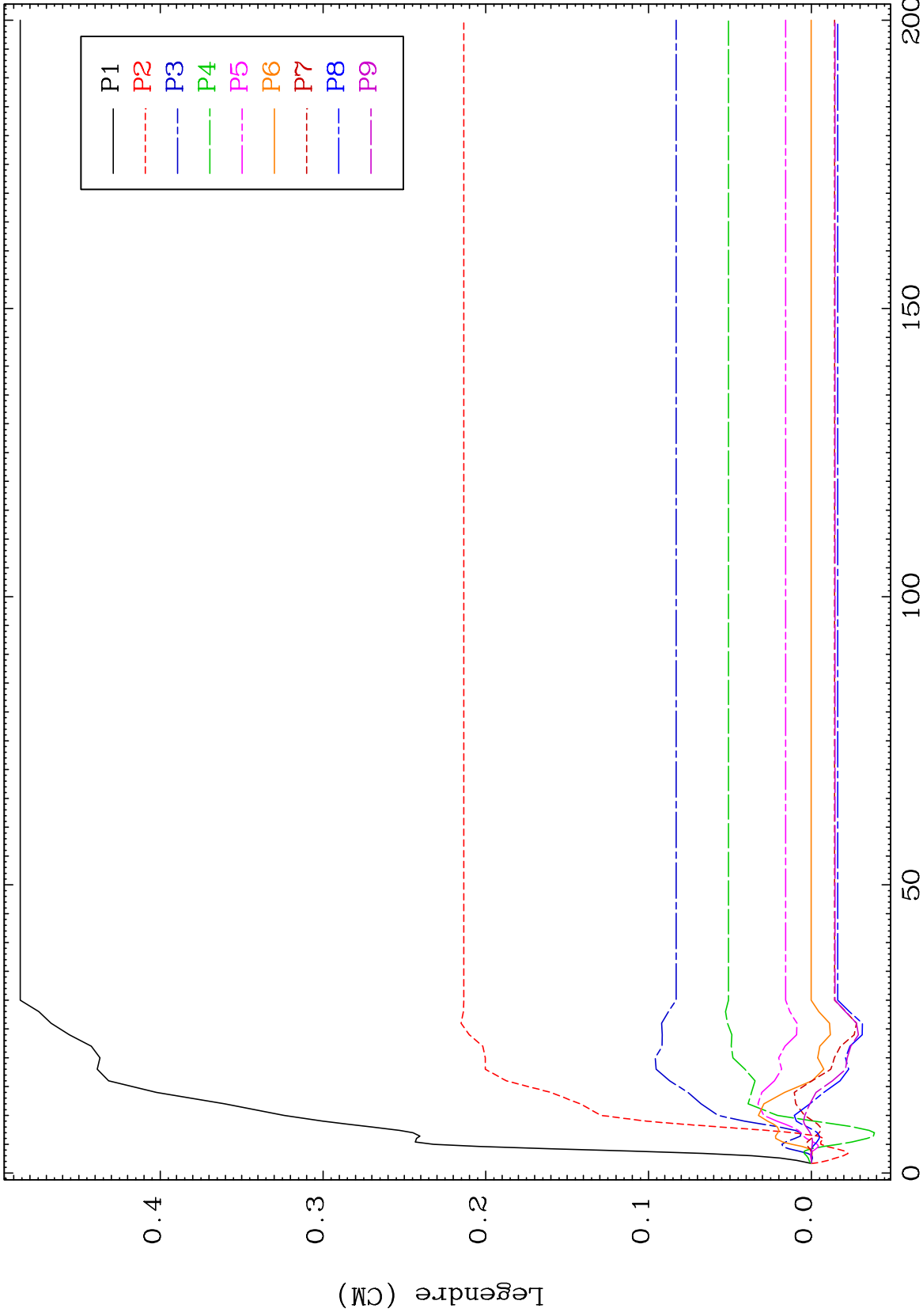
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



99

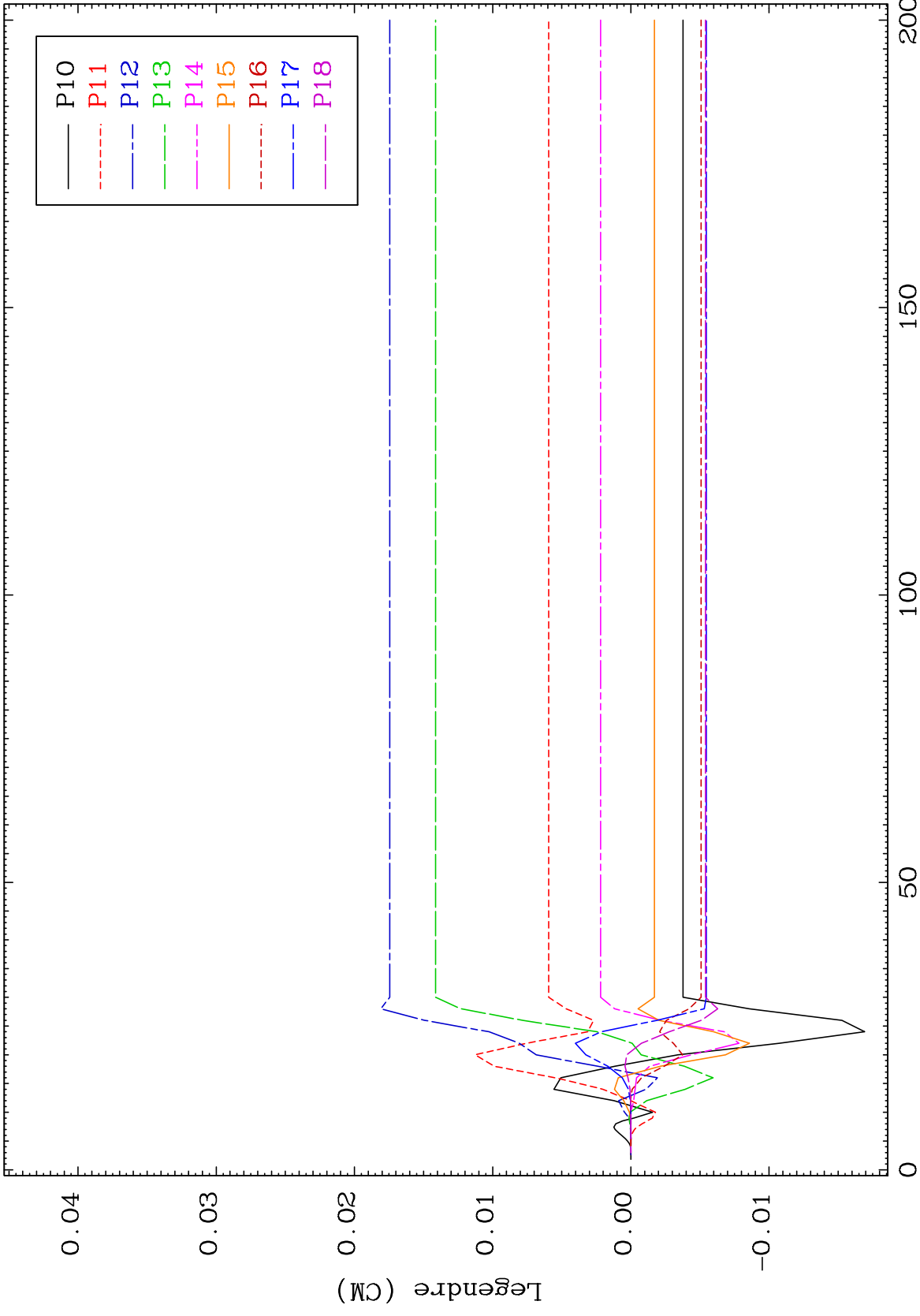
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



72-Hf-183

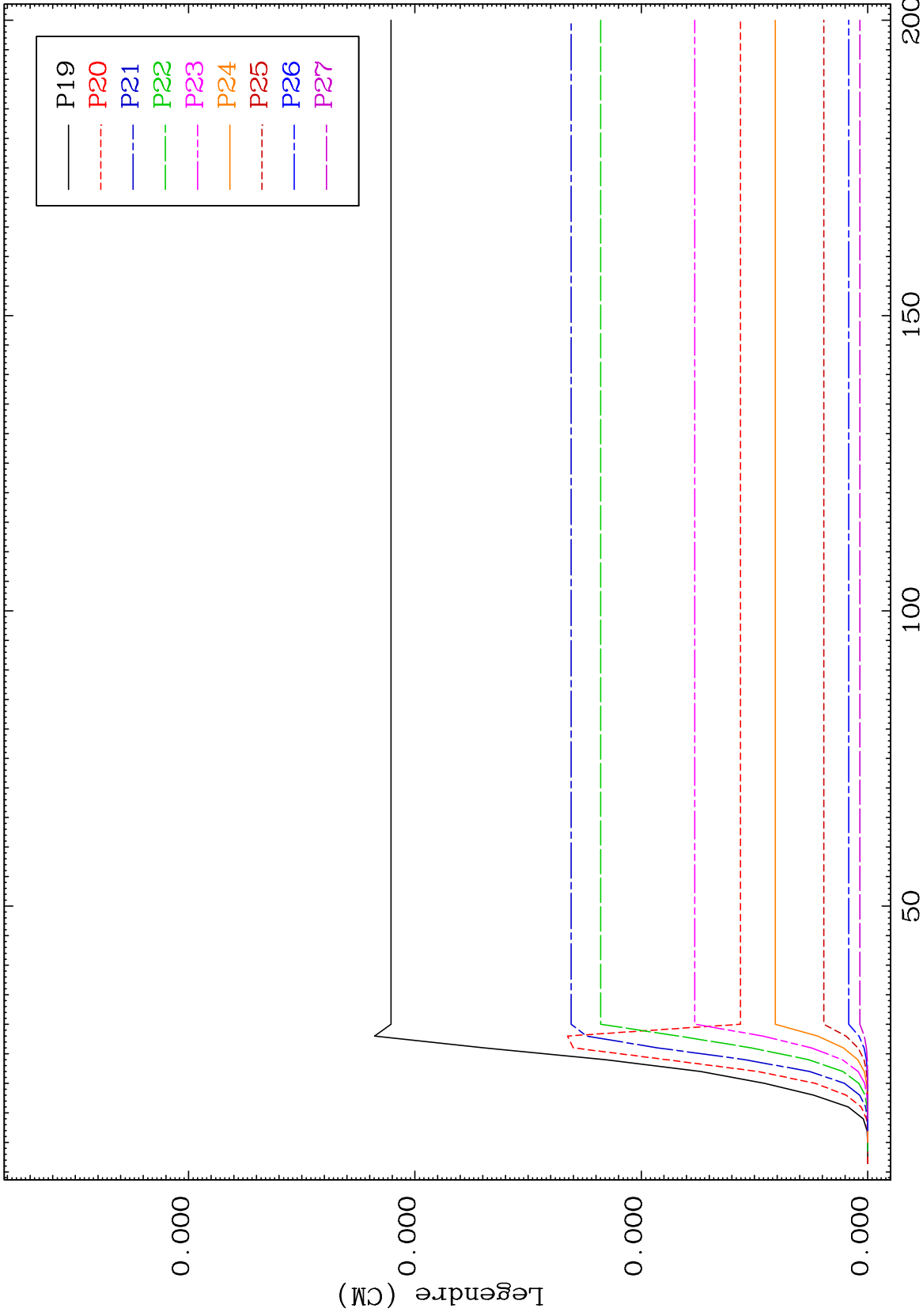
Incident Energy (MeV)

100

MAT 7252

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

72-Hf-183



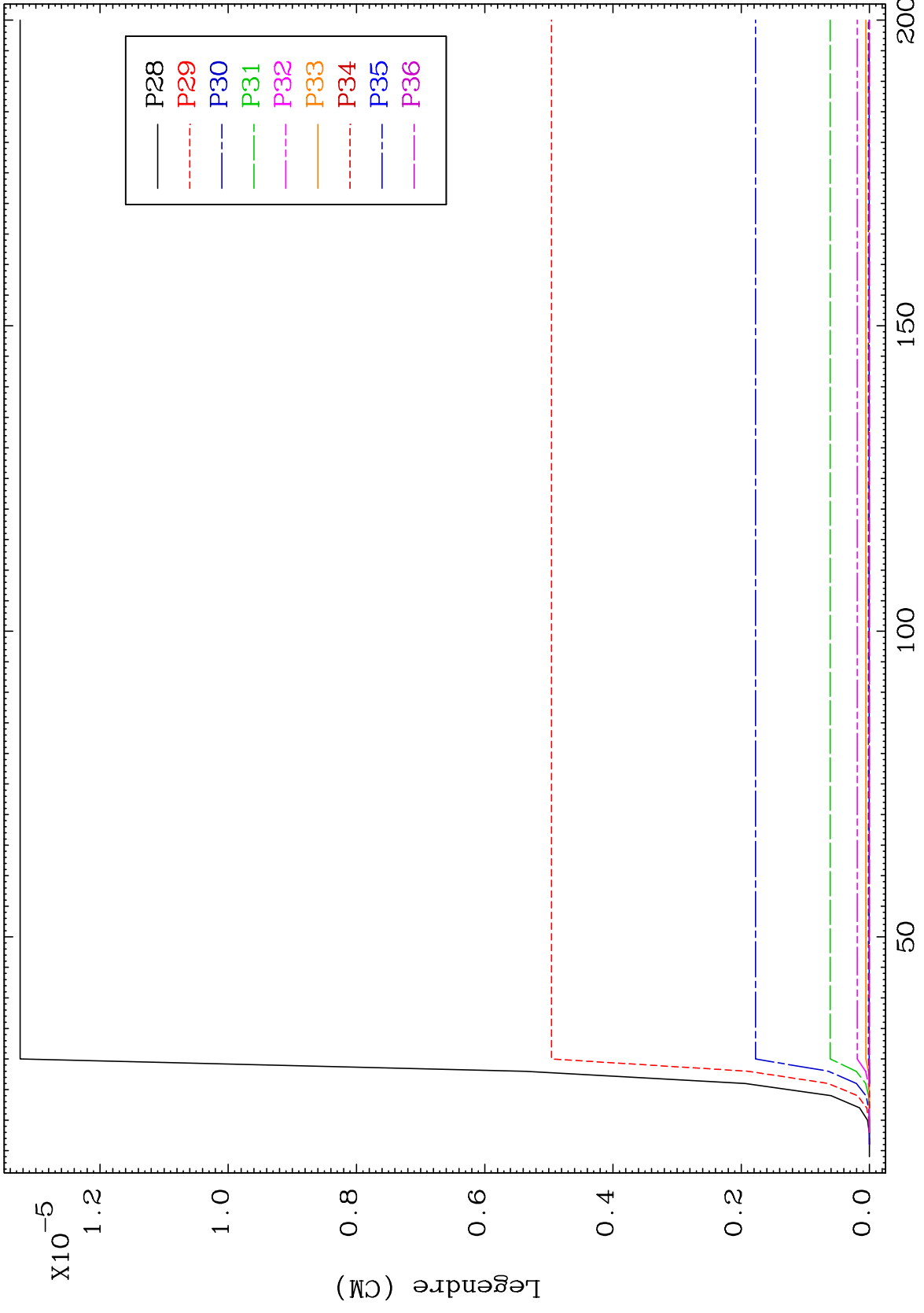
101

72-Hf-183

MAT 7252

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

72-Hf-183



102

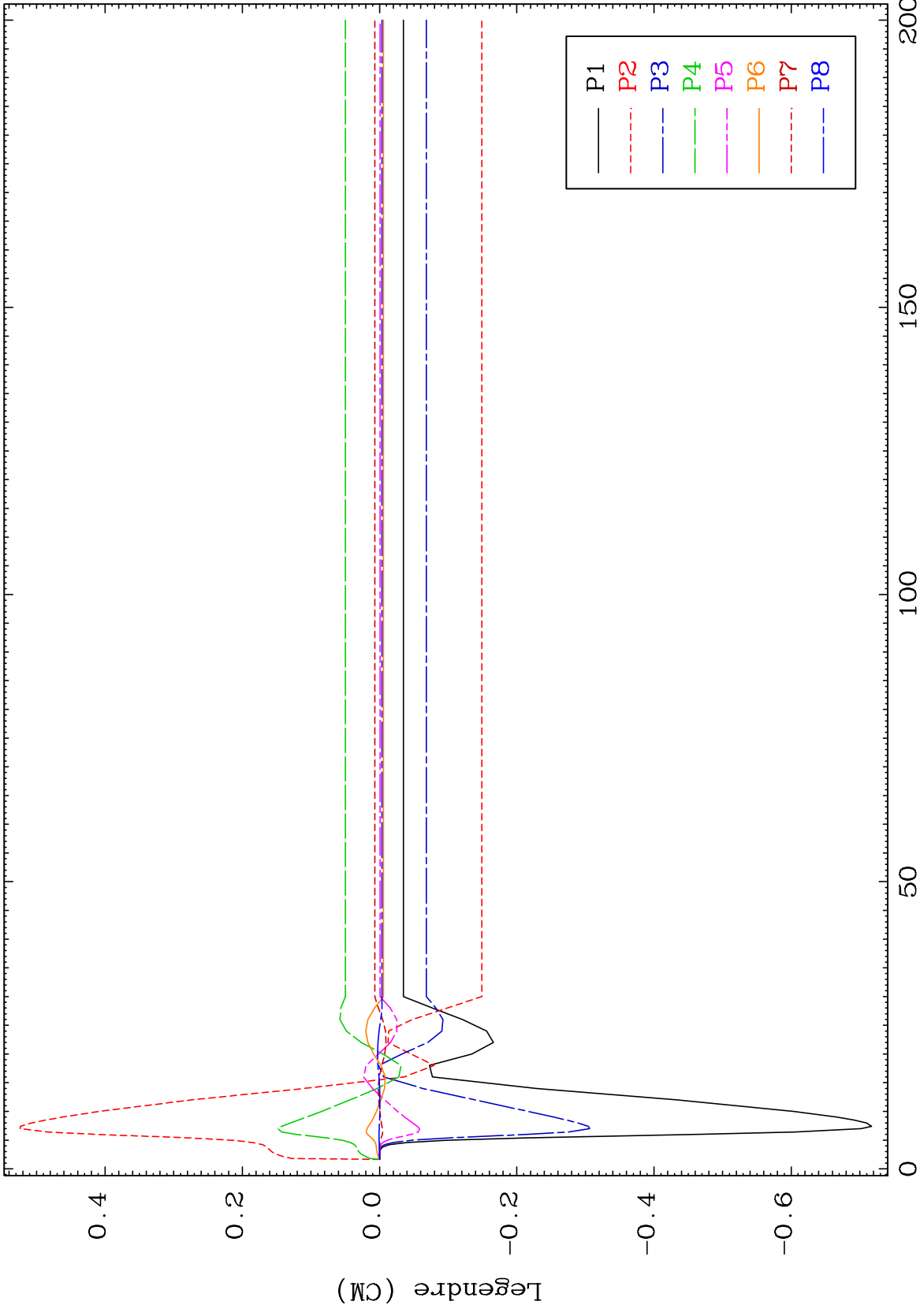
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



103

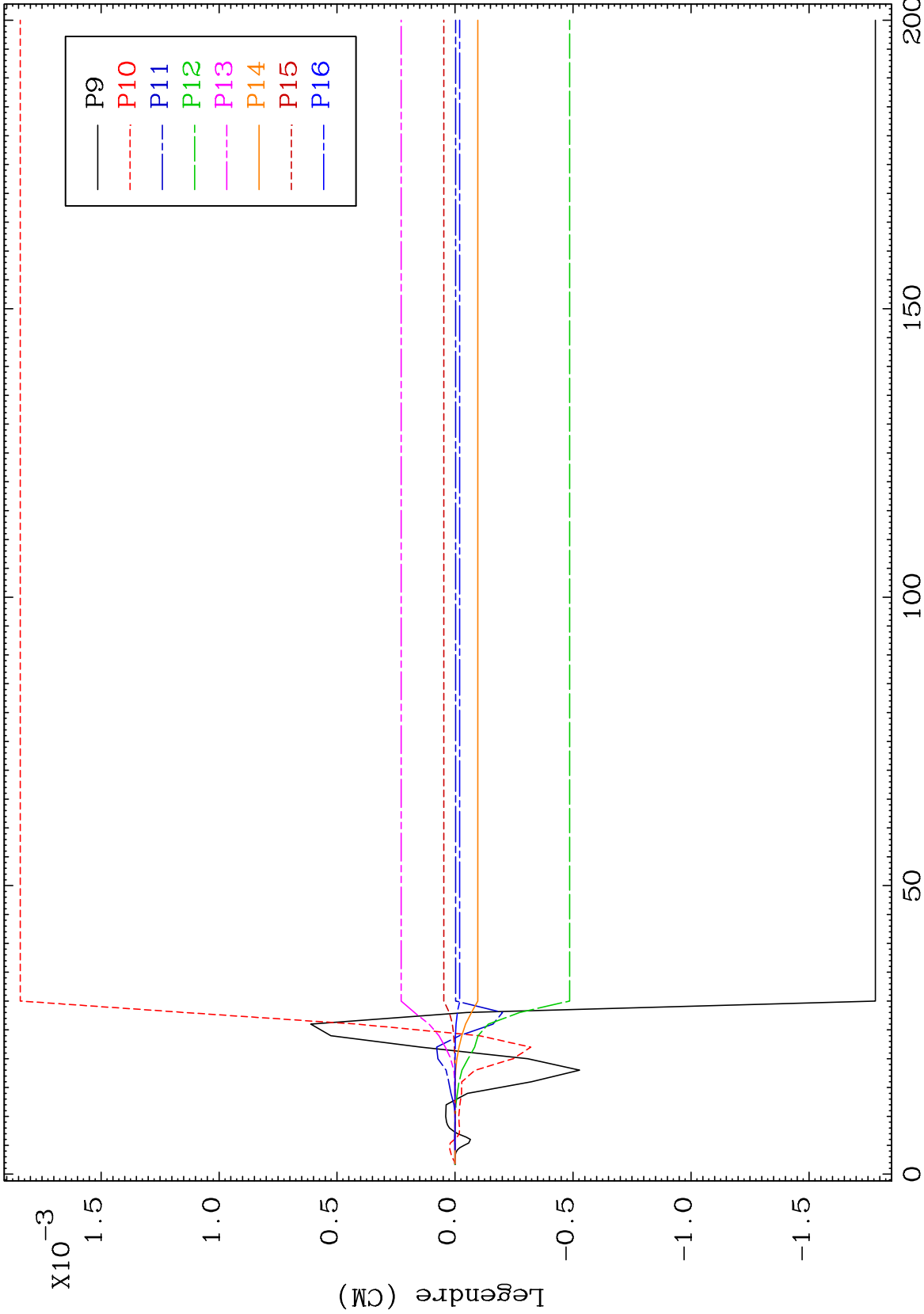
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



104

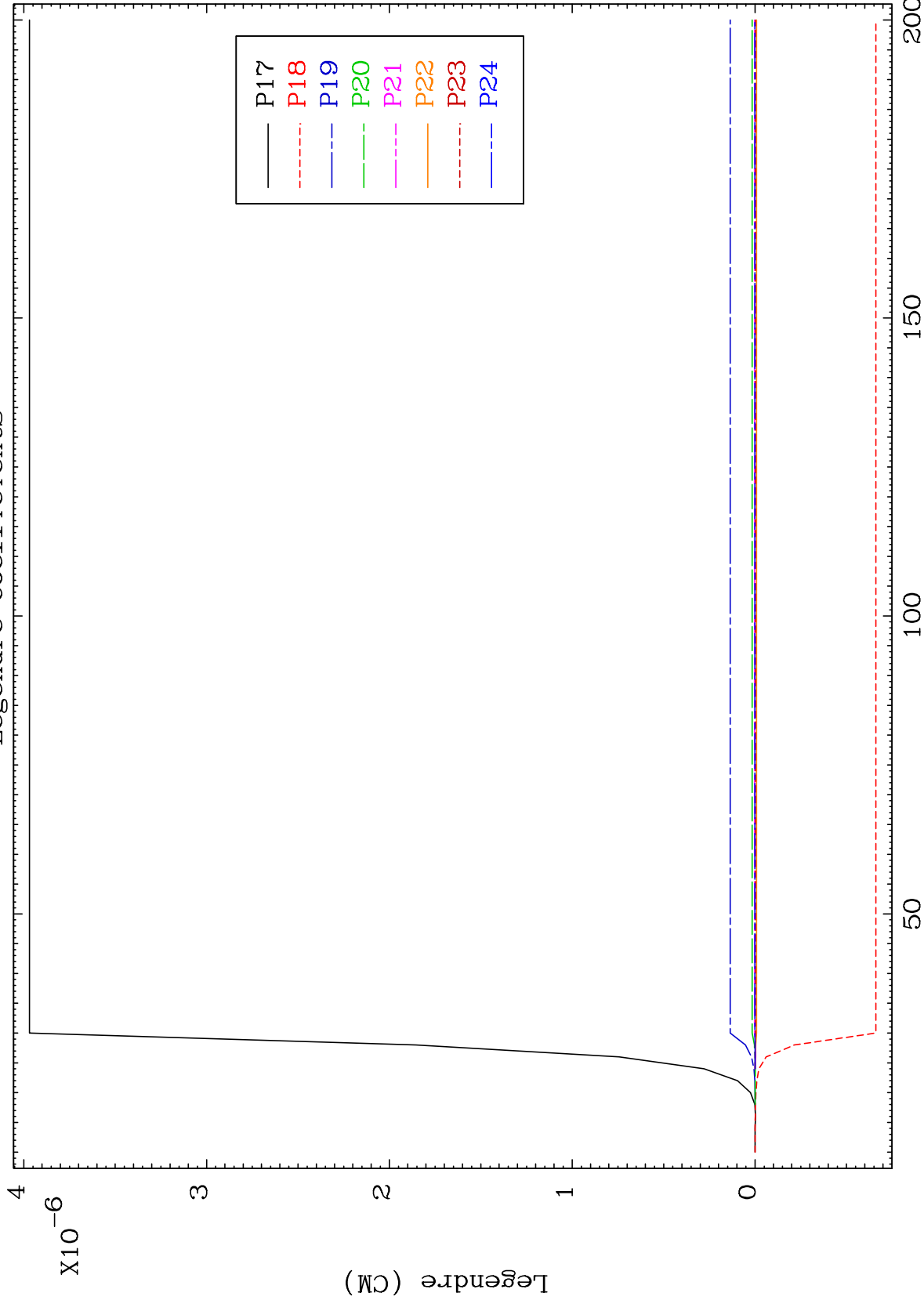
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

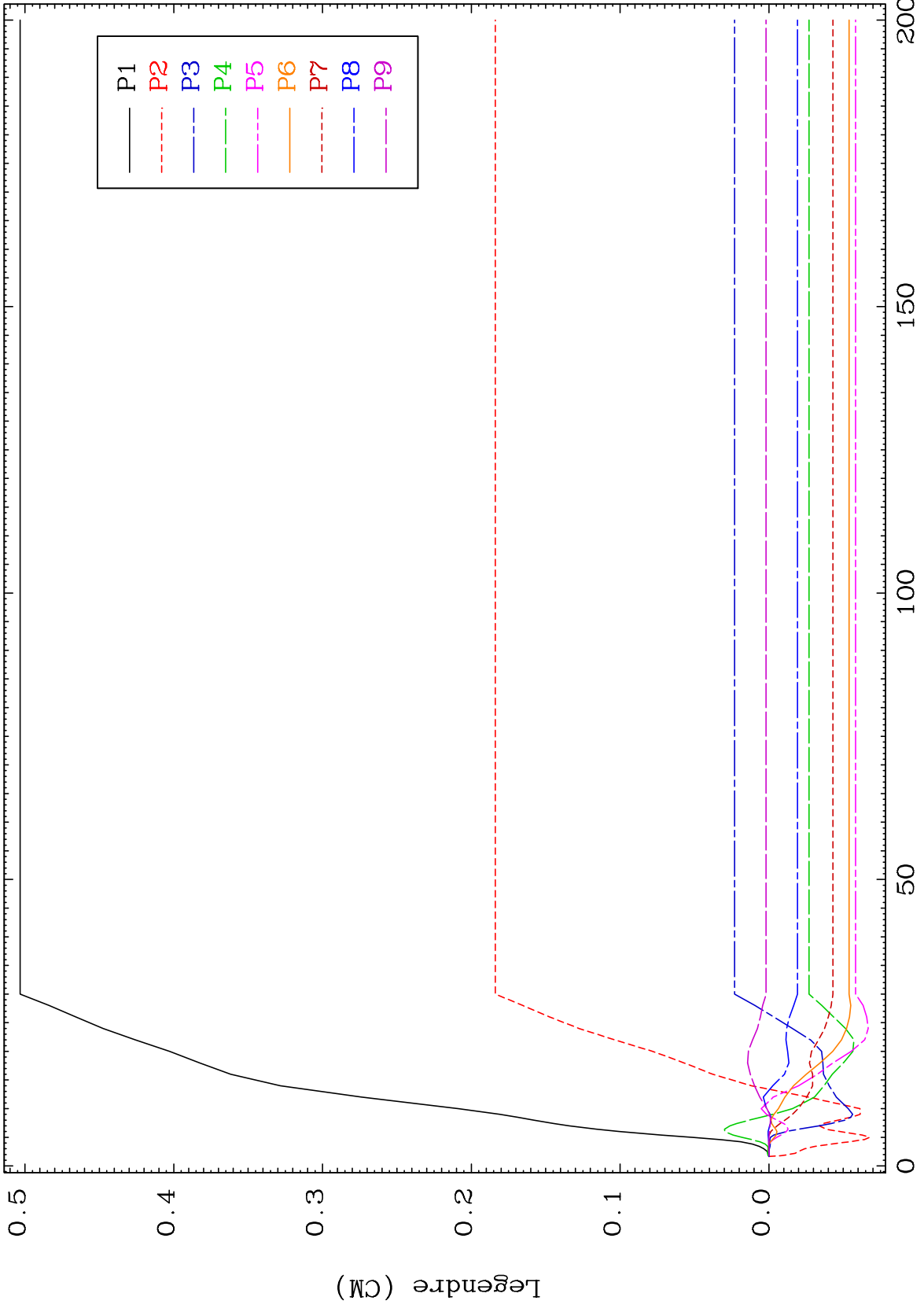
72-Hf-183



105

Incident Energy (MeV)

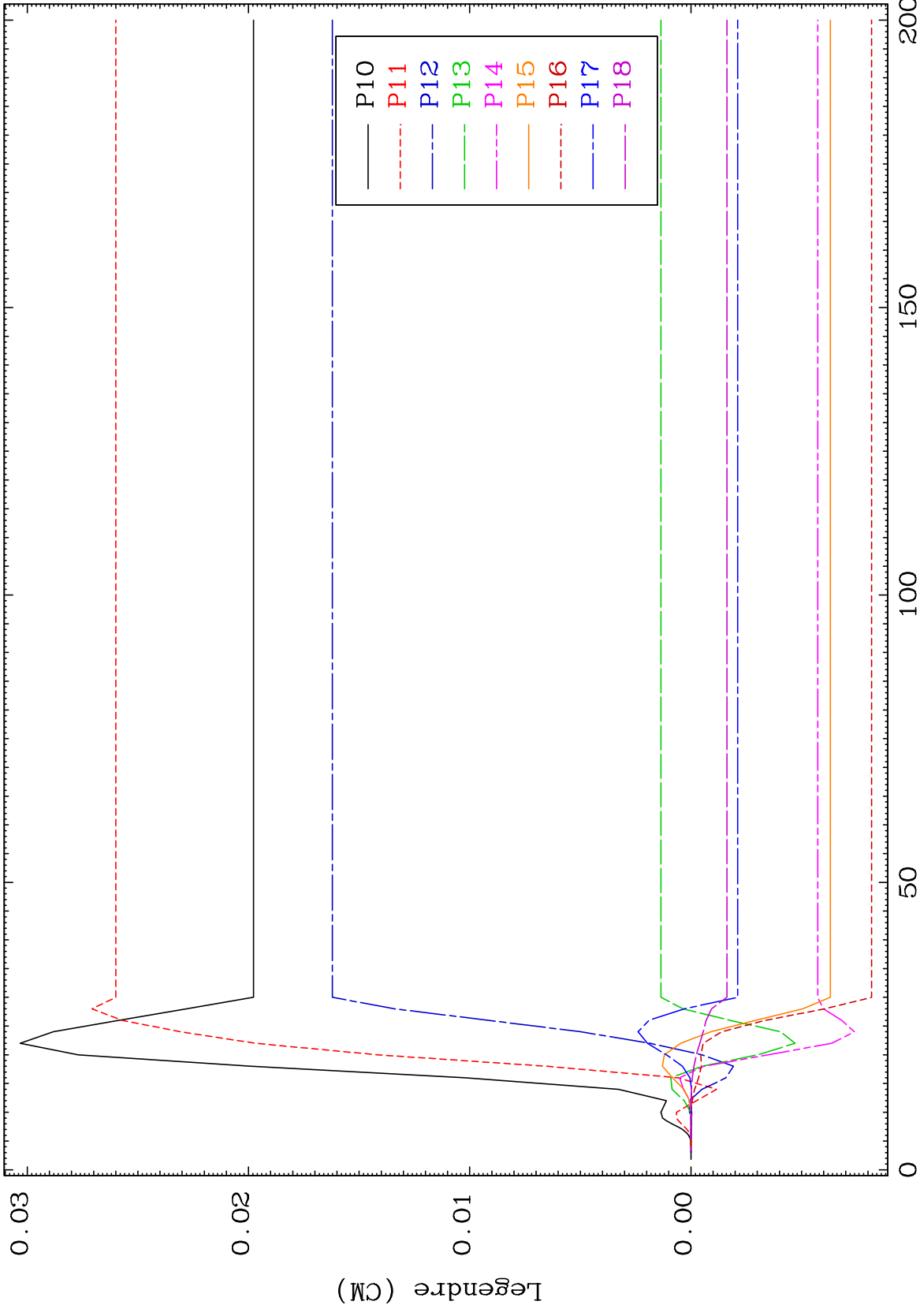
72-Hf-183



MAT 7252

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

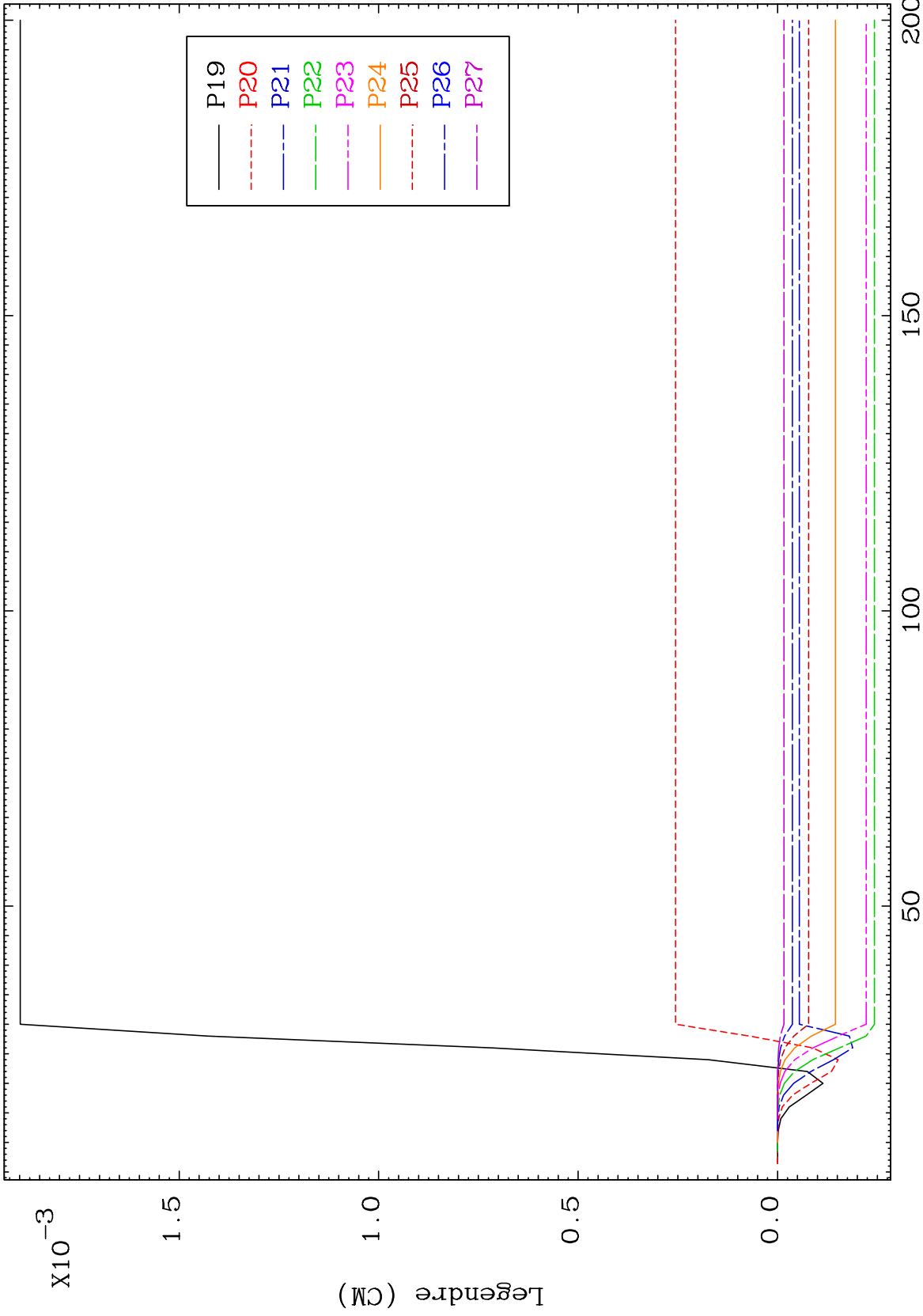
72-Hf-183



107

Incident Energy (MeV)

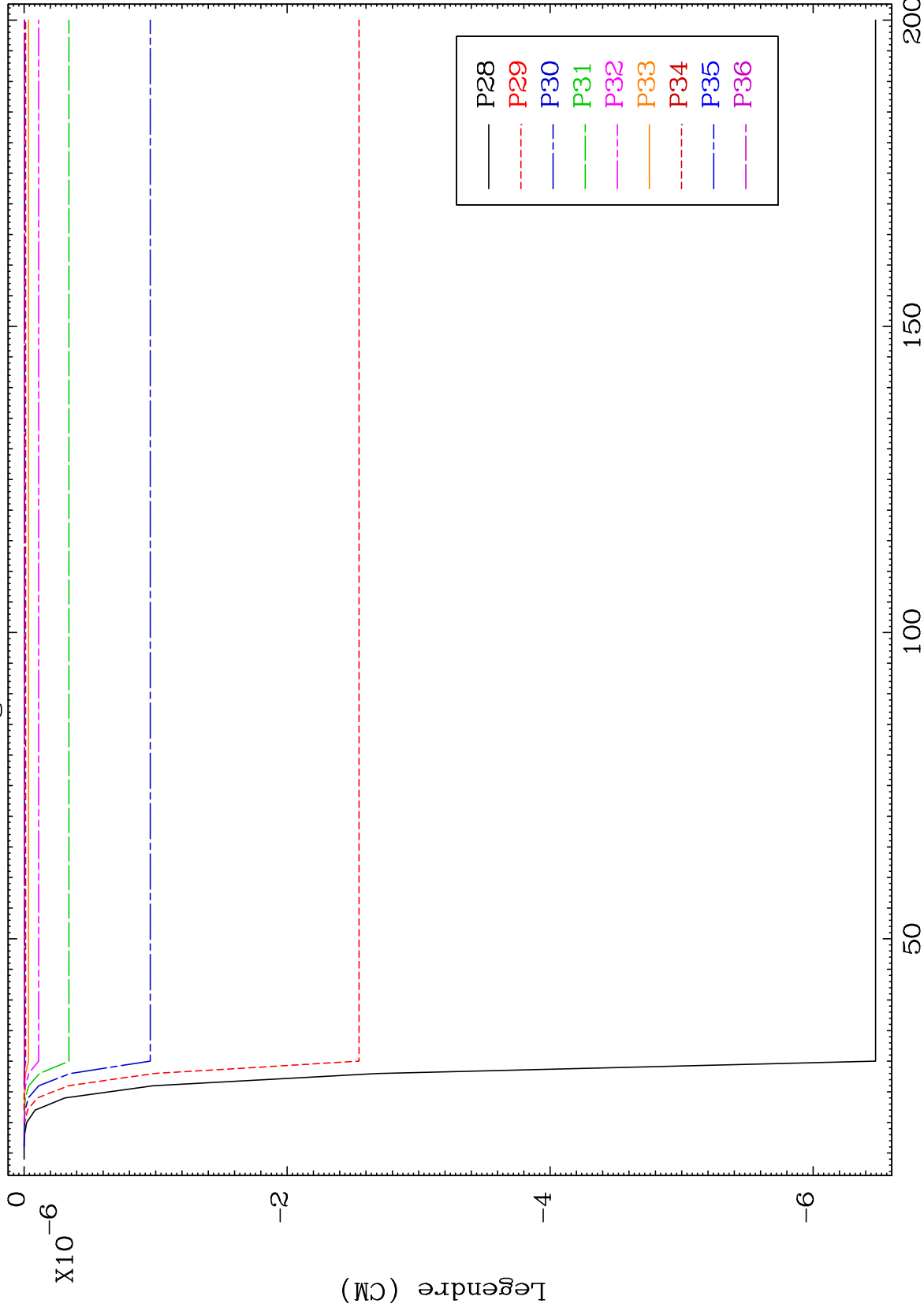
72-Hf-183



MAT 7252

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

72-Hf-183



109

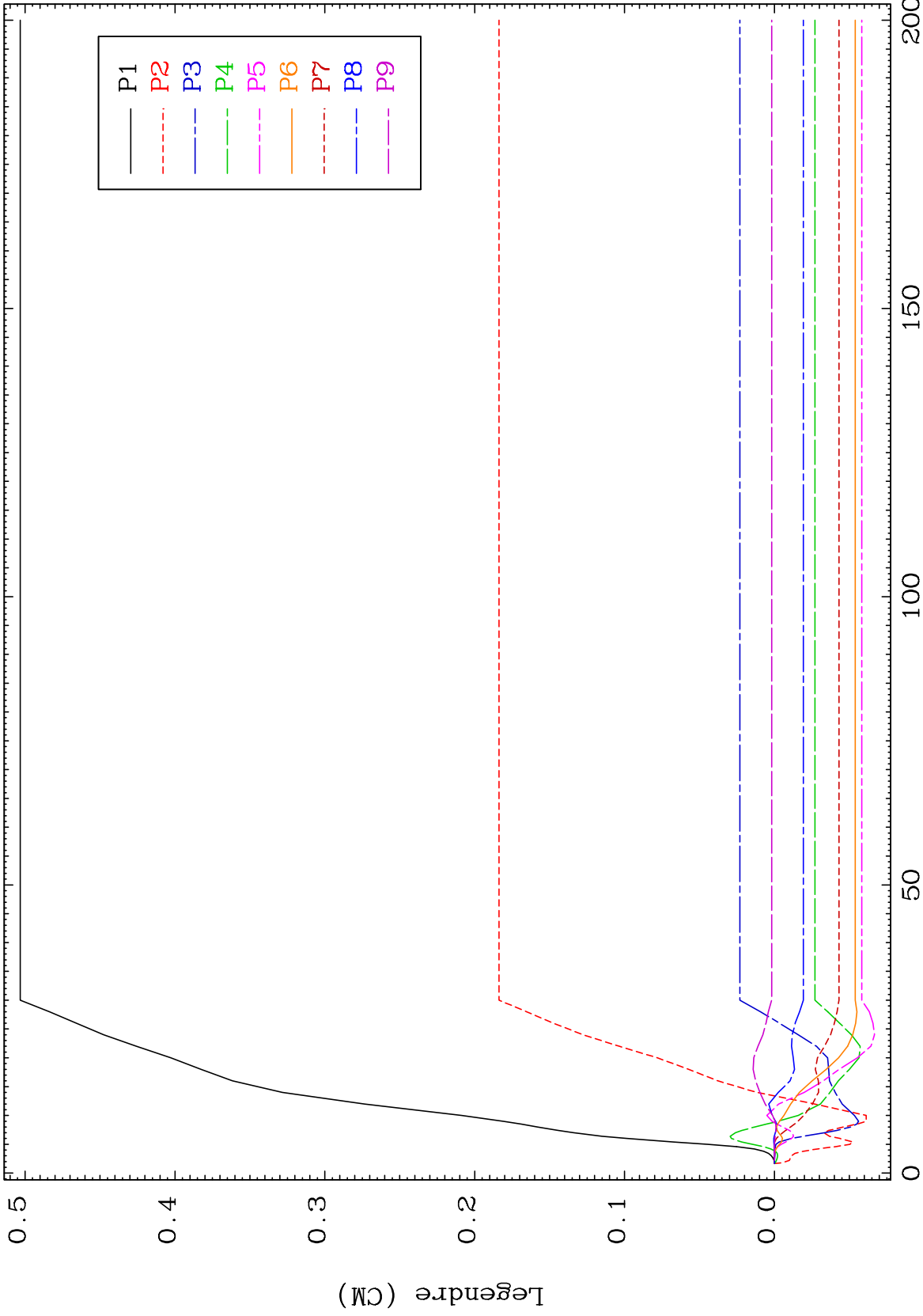
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



110

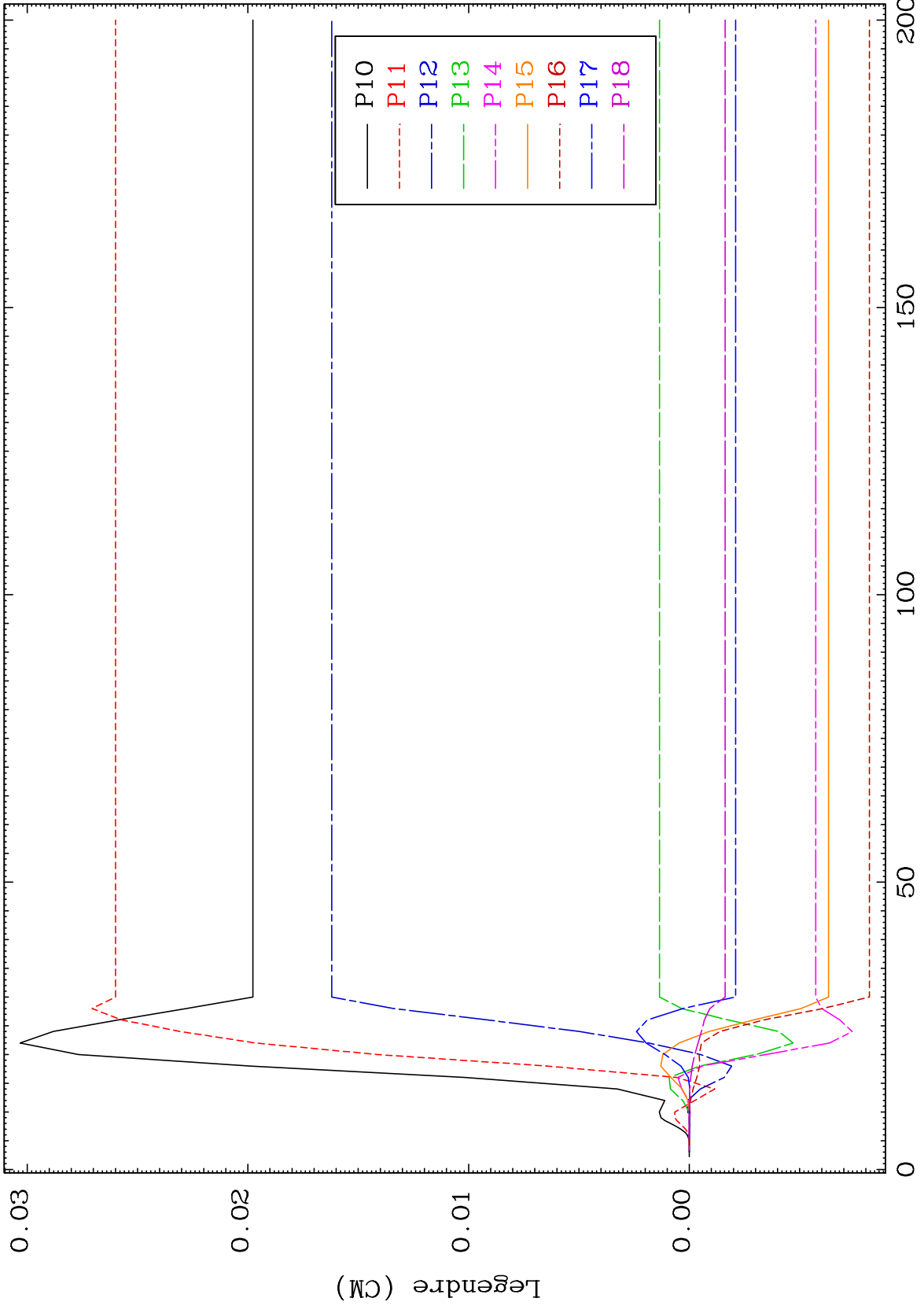
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

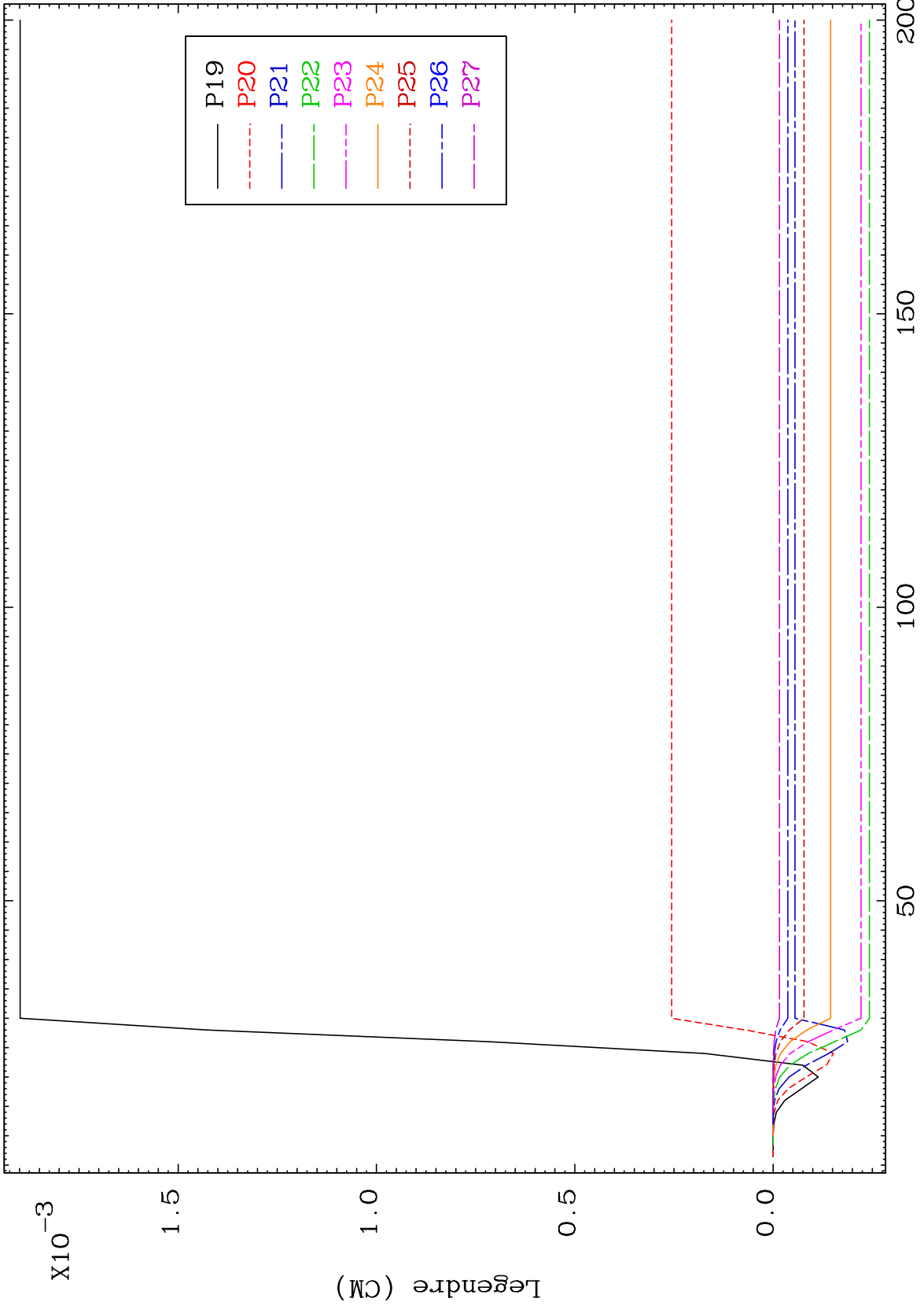
72-Hf-183



111

Incident Energy (MeV)

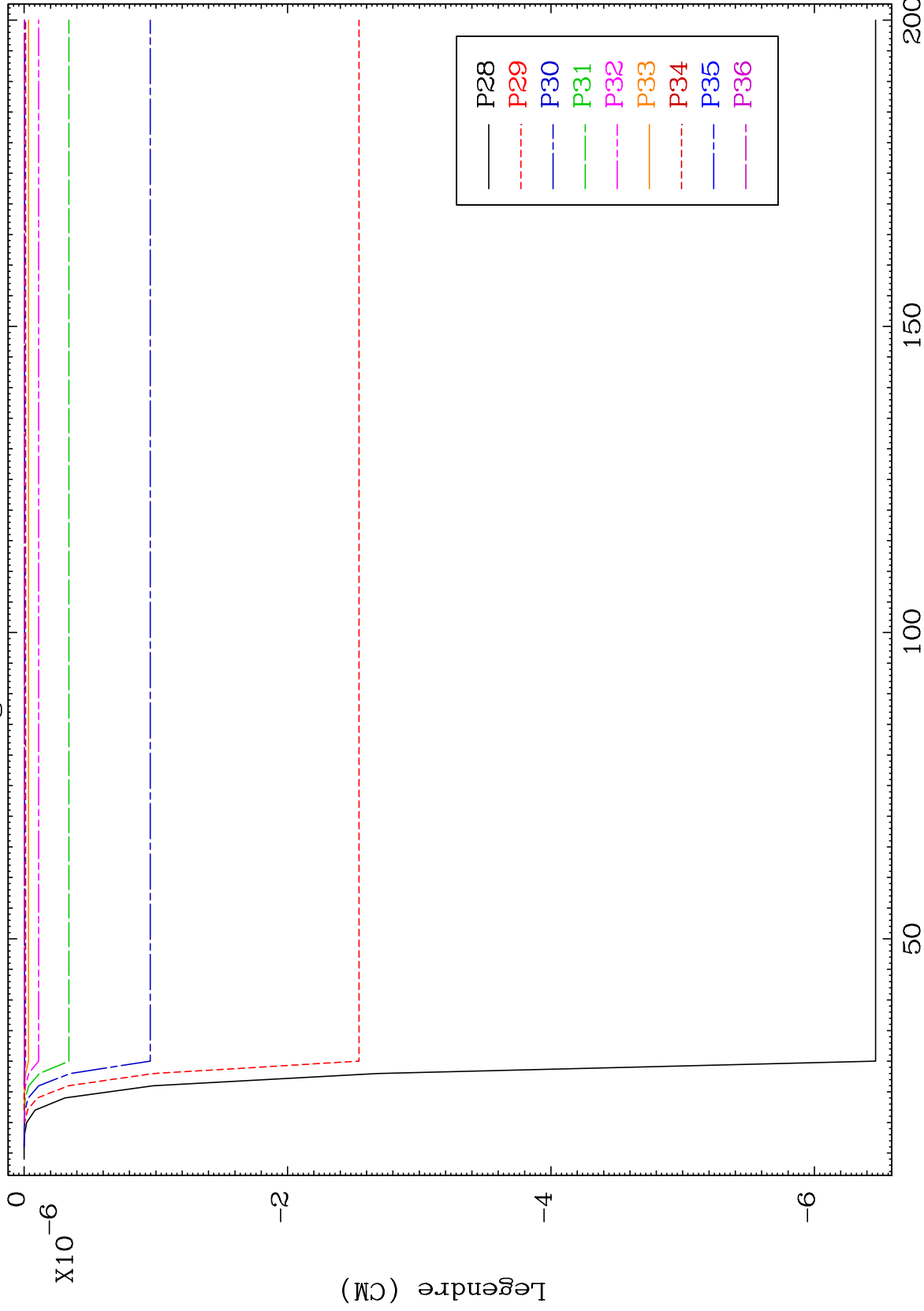
72-Hf-183



MAT 7252

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

72-Hf-183



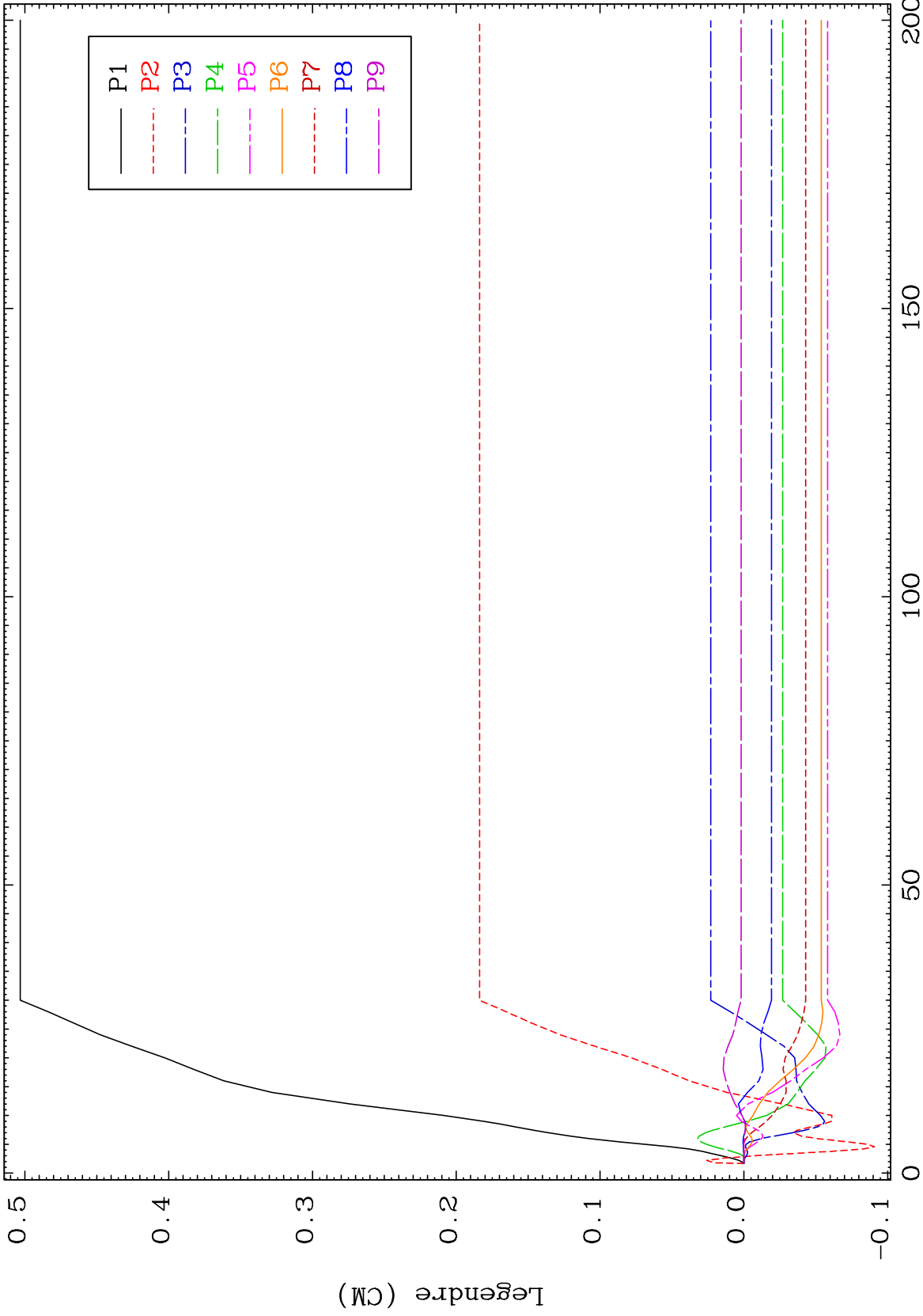
113

72-Hf-183

MAT 7252

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

72-Hf-183



114

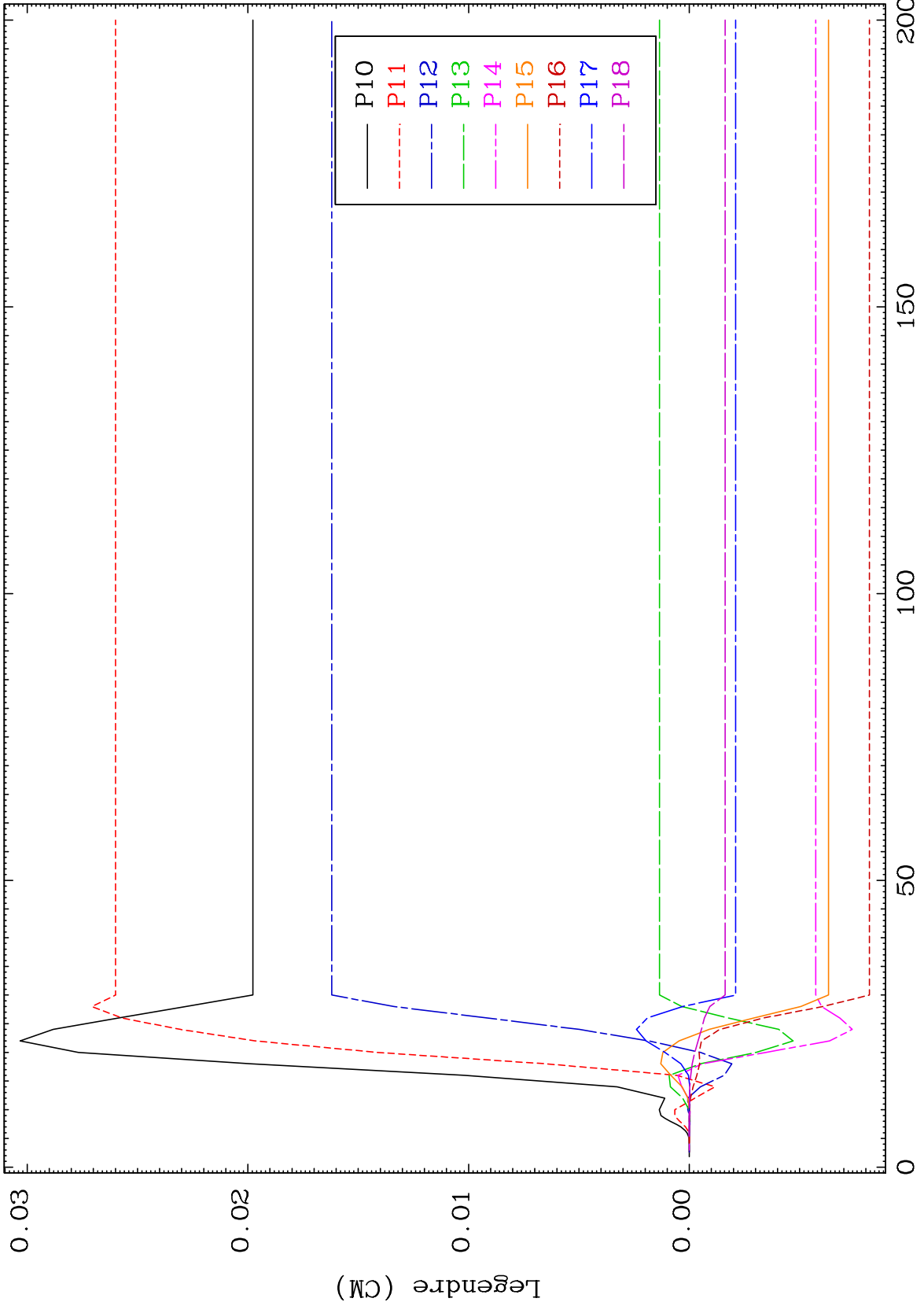
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

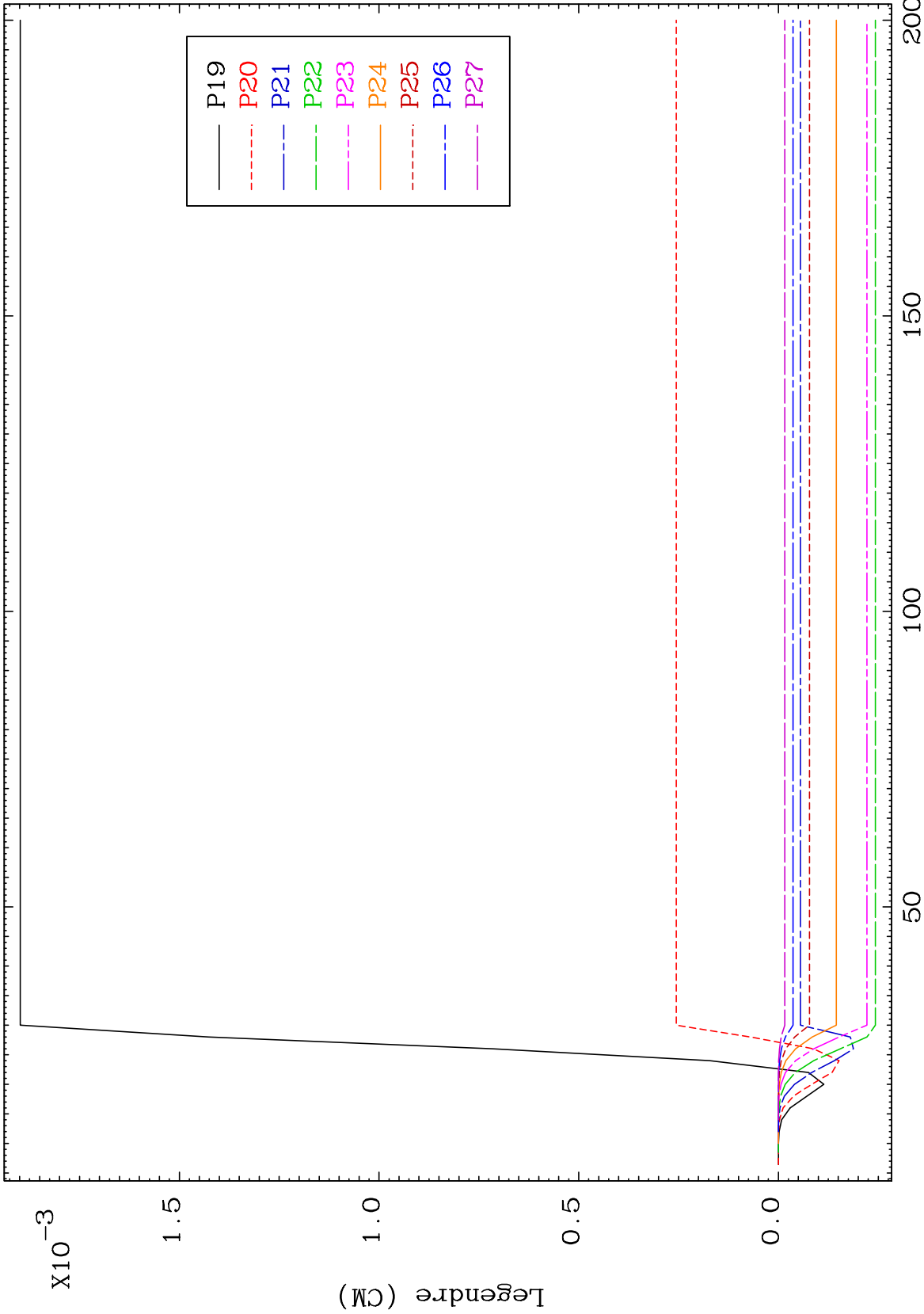
72-Hf-183



115

Incident Energy (MeV)

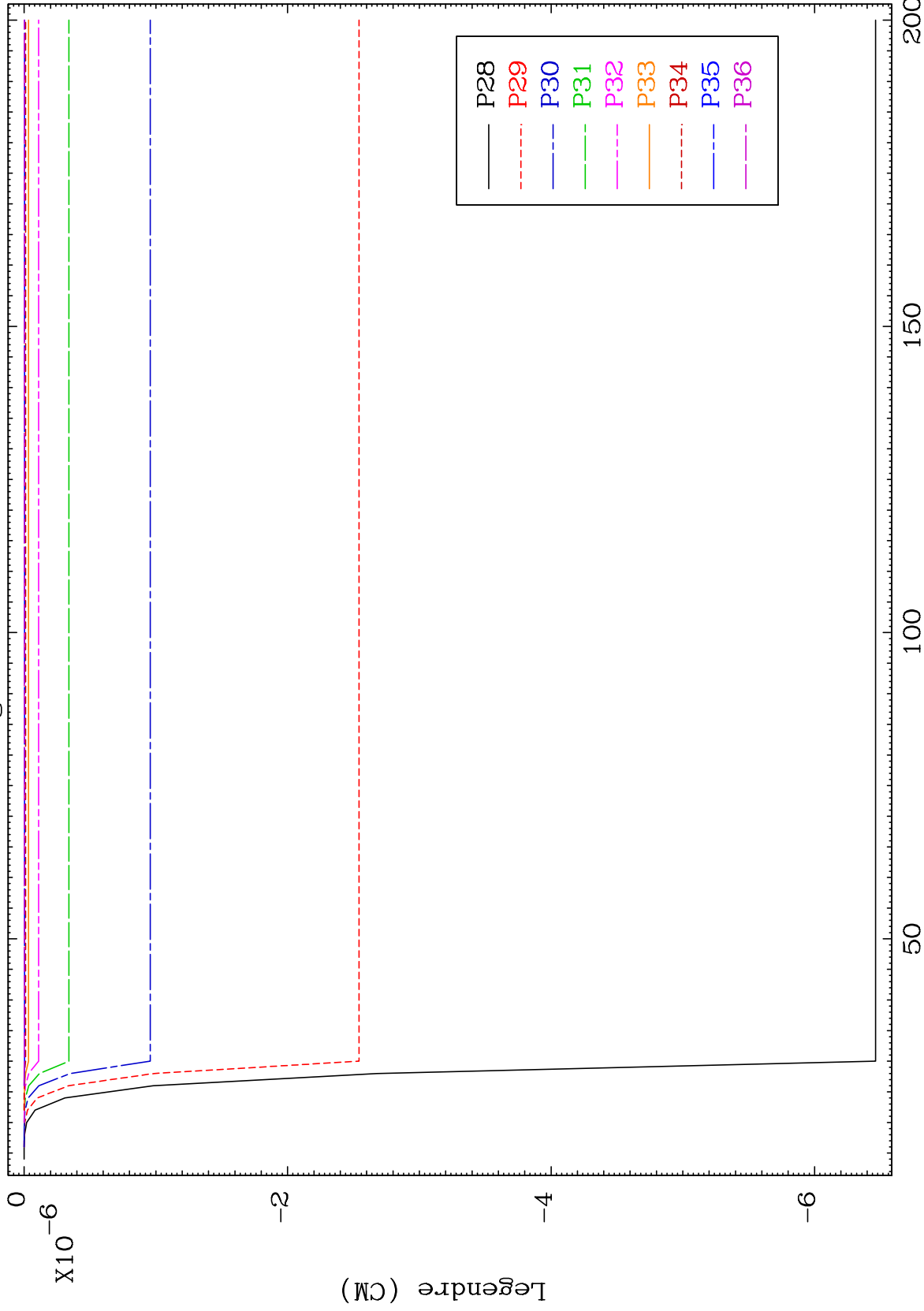
72-Hf-183



MAT 7252

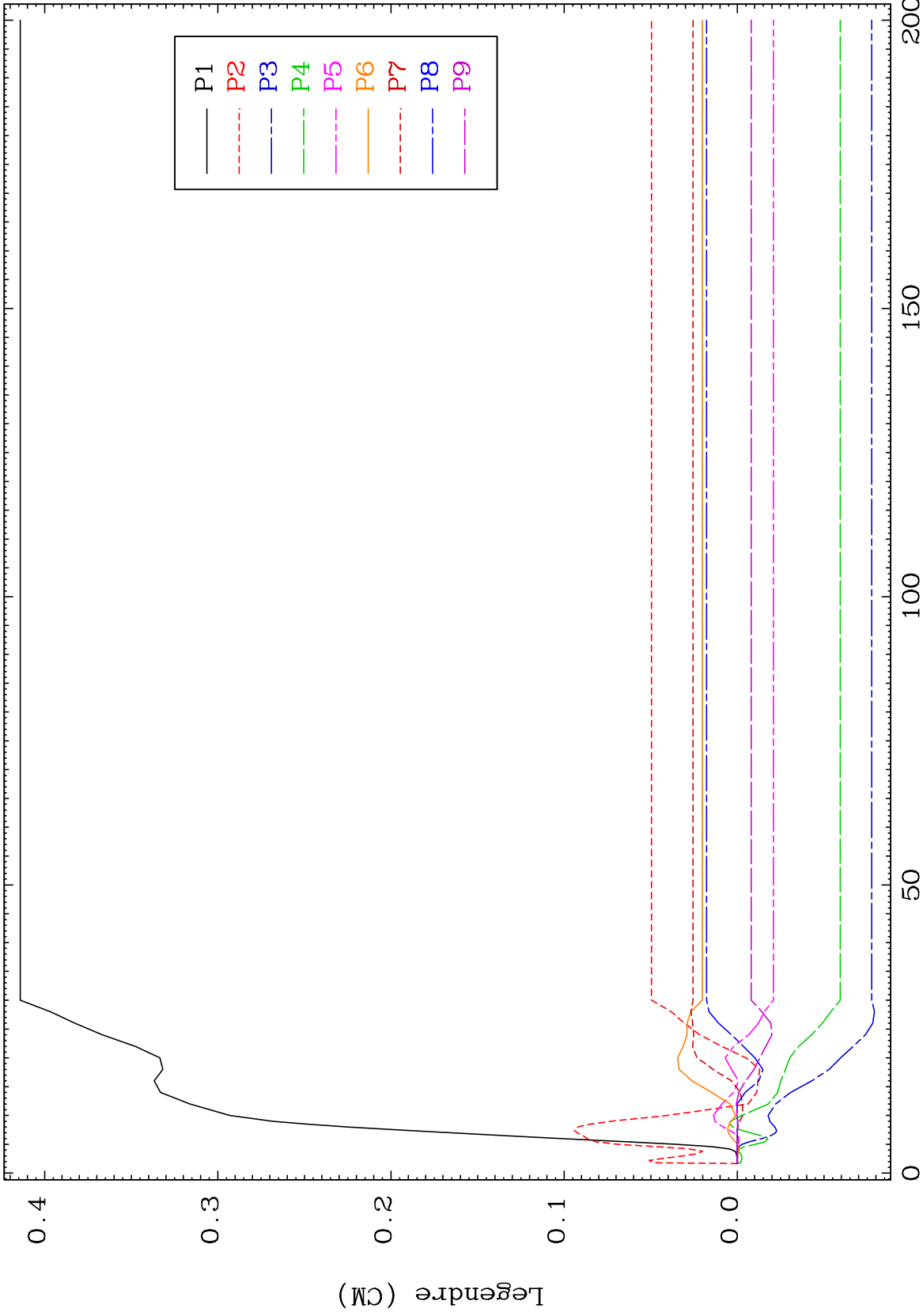
MT= 75 (n,n') Level
Legendre Coefficients

72-Hf-183



117

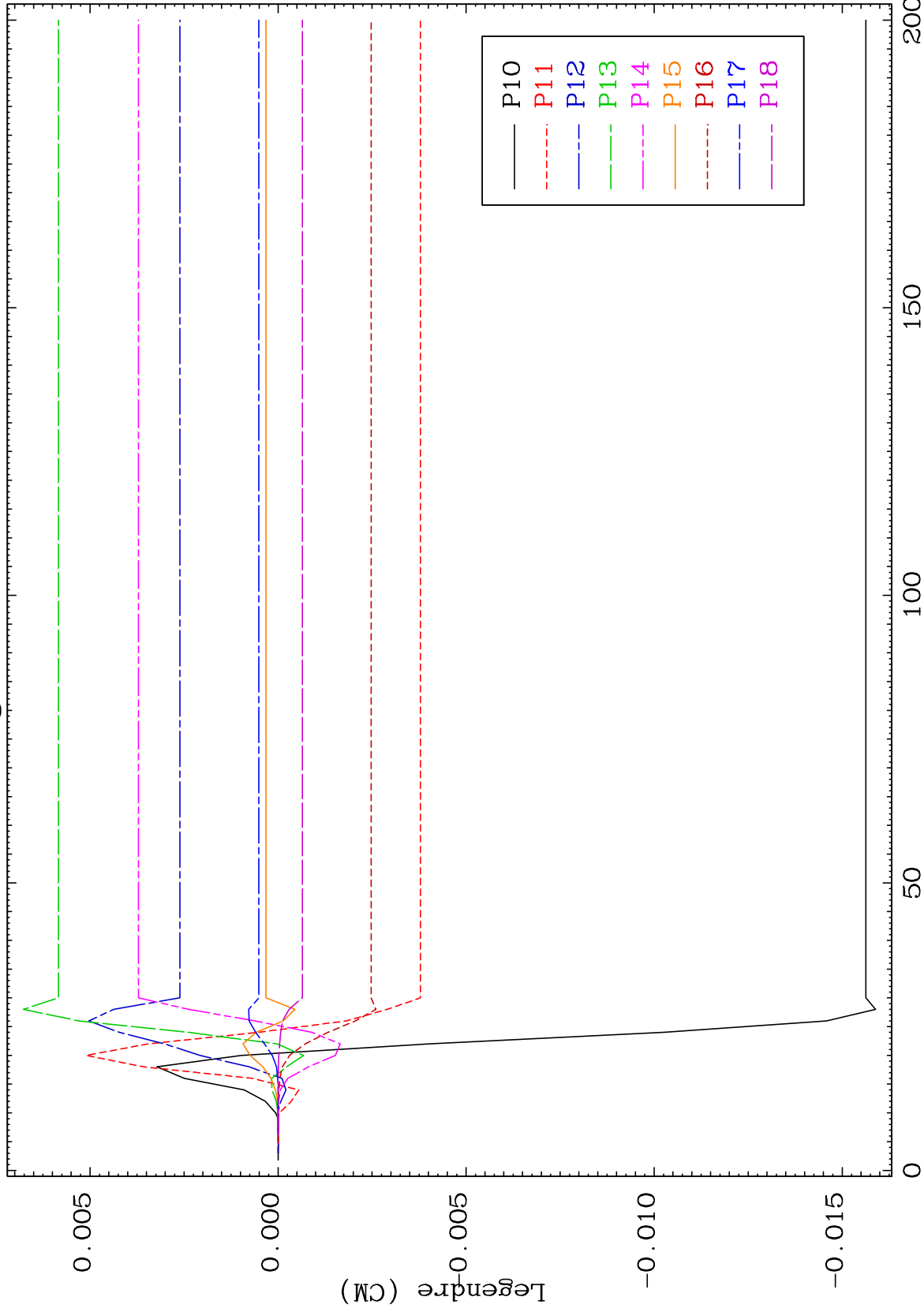
72-Hf-183



MAT 7252

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

72-Hf-183



119

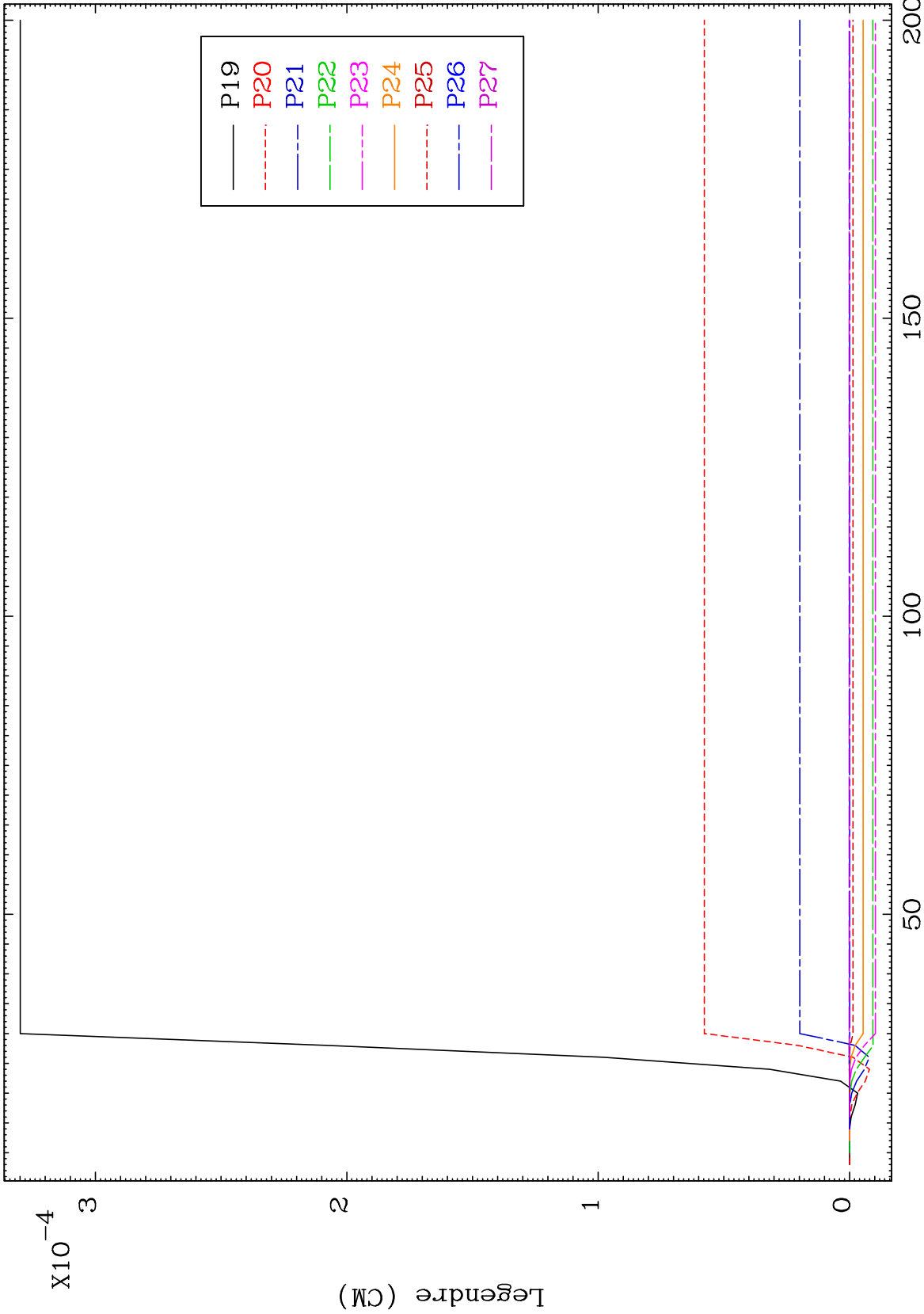
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

72-Hf-183



120

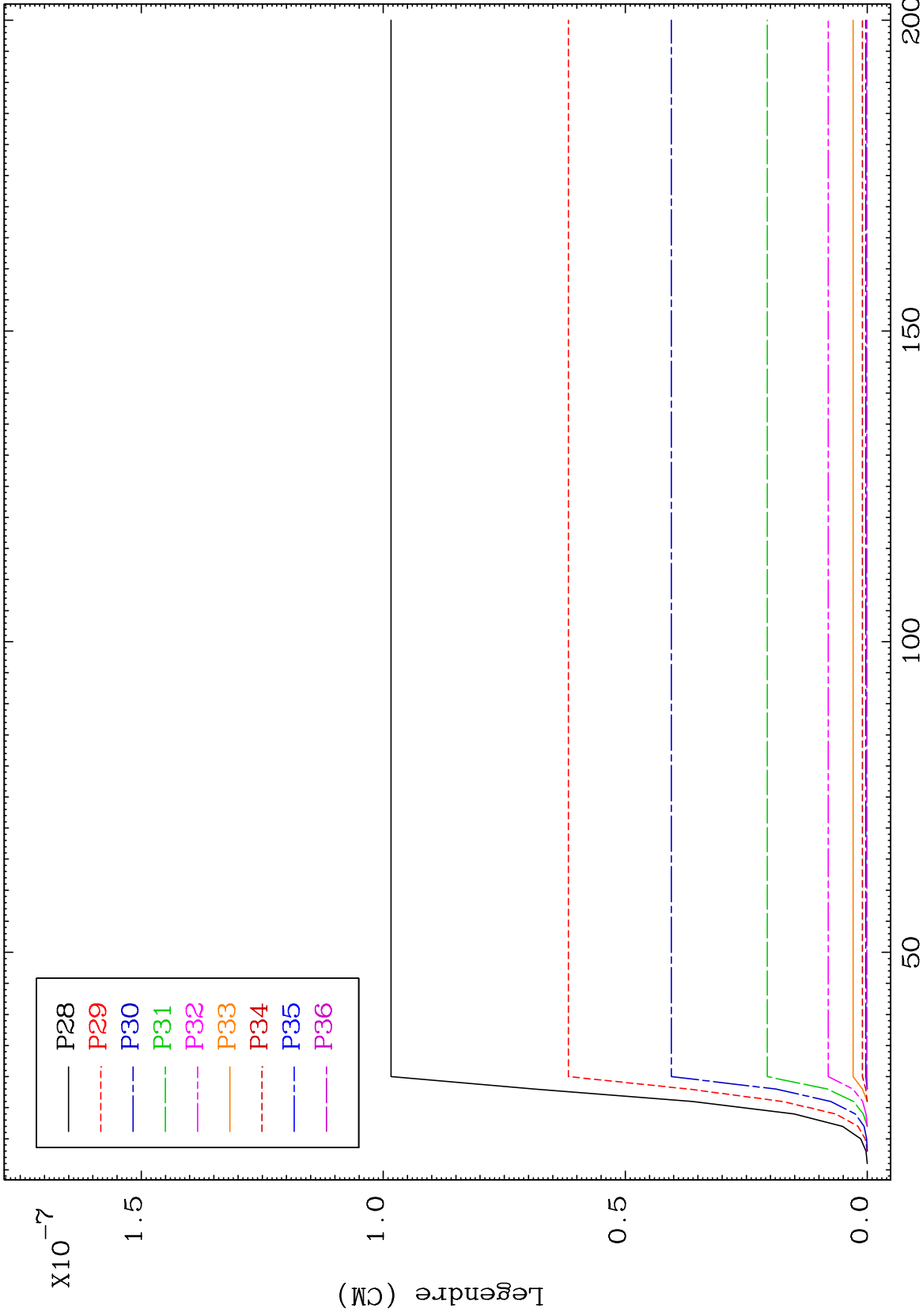
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

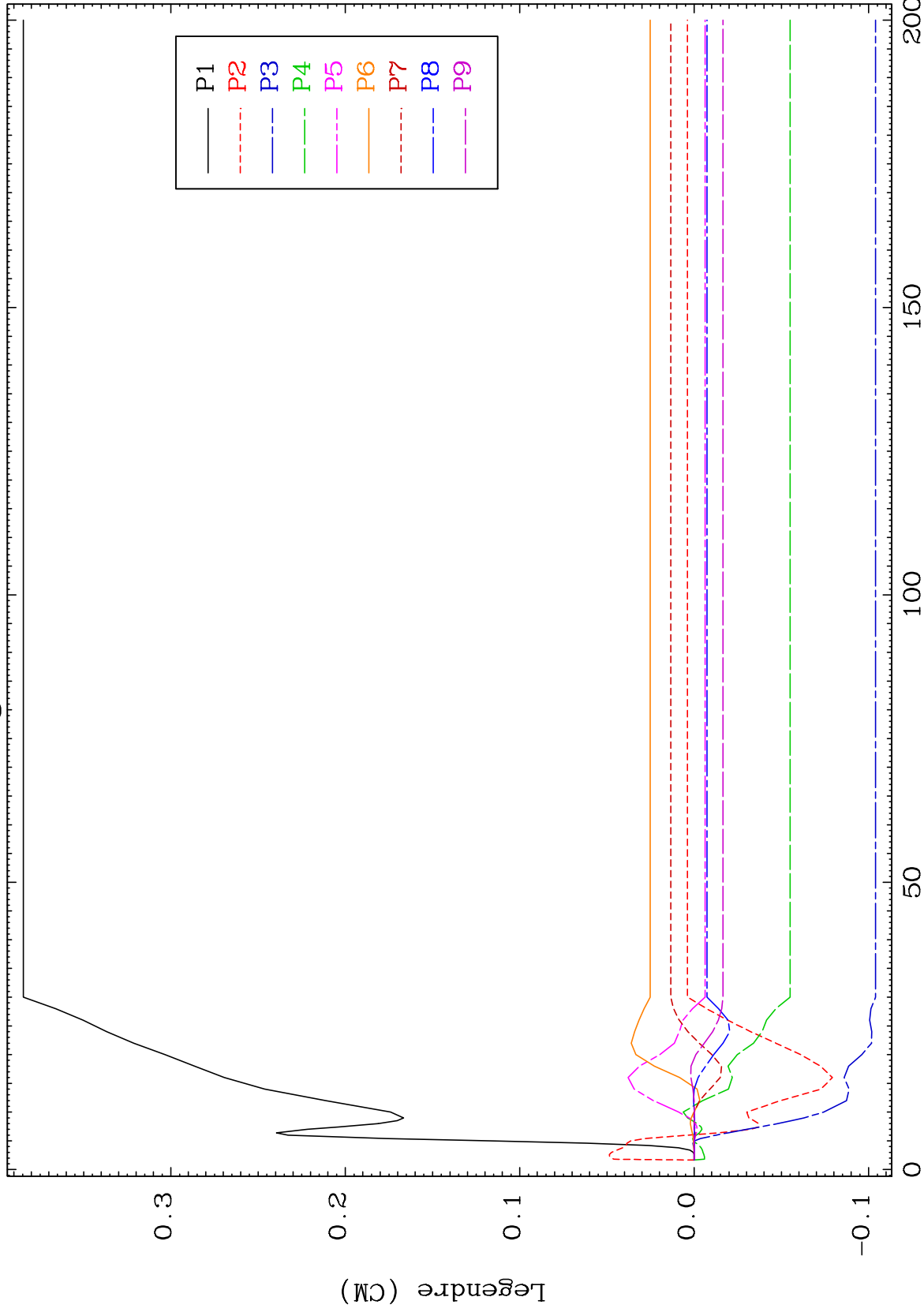
72-Hf-183

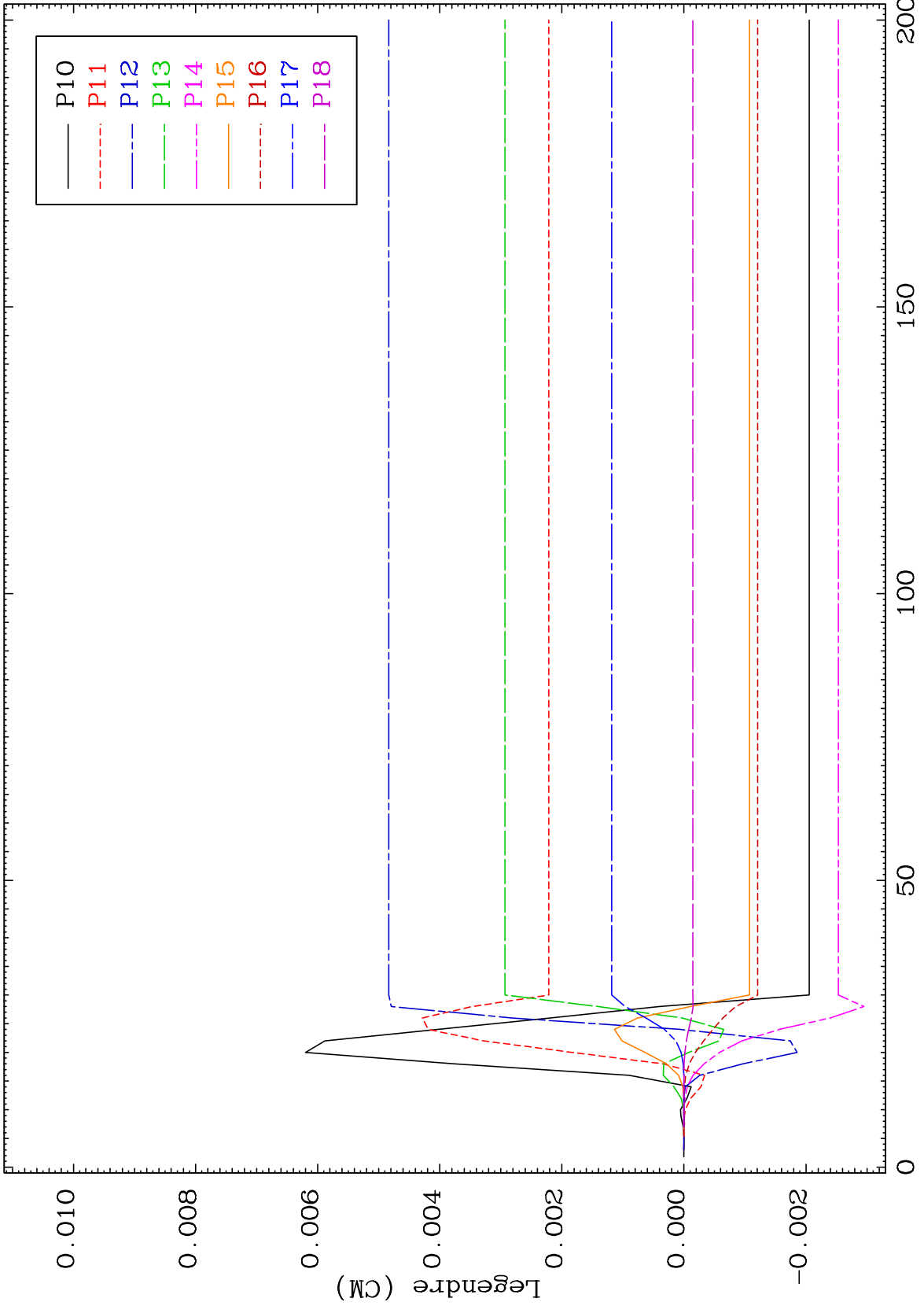


121

Incident Energy (MeV)

72-Hf-183

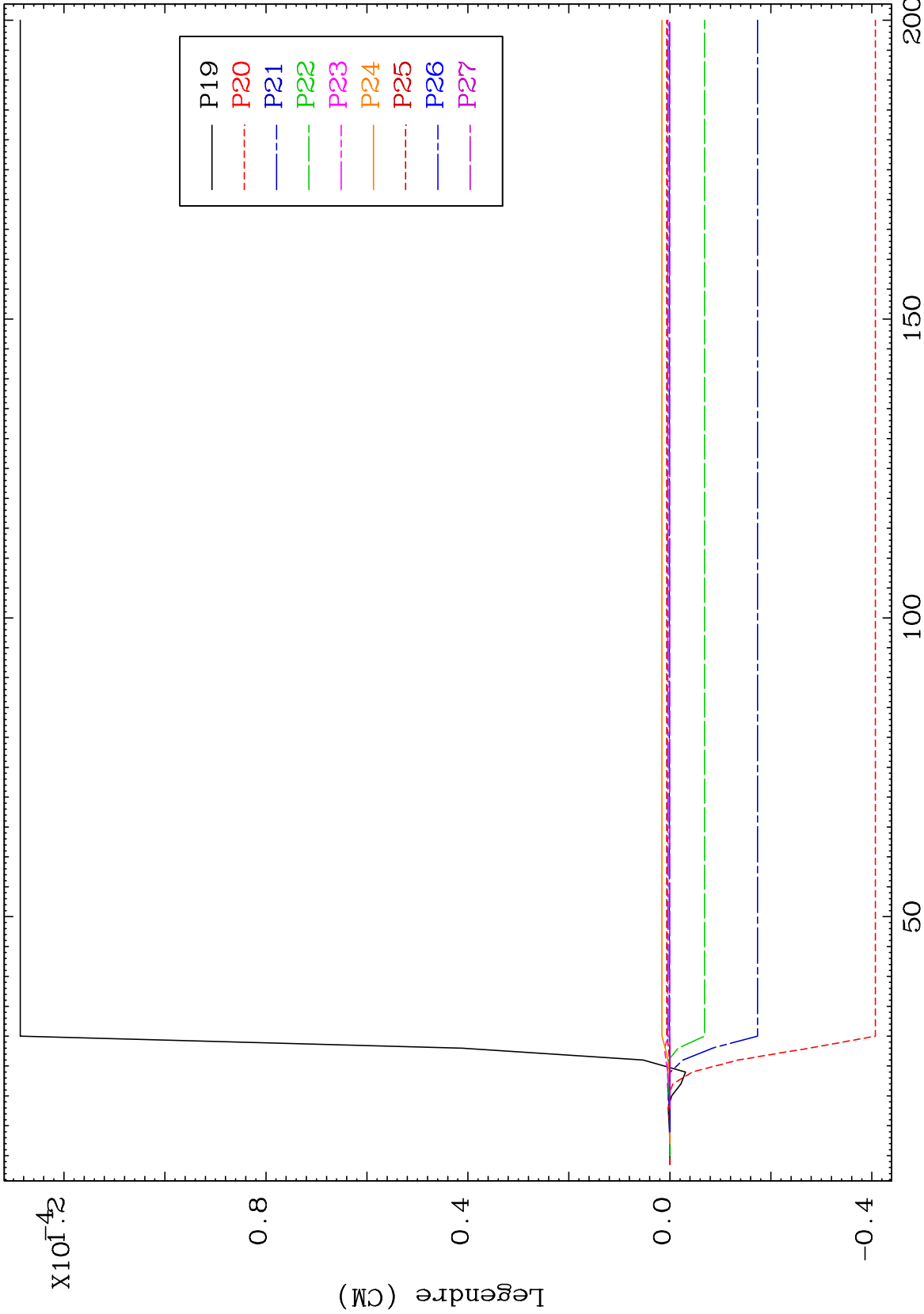




MAT 7252

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

72-Hf-183



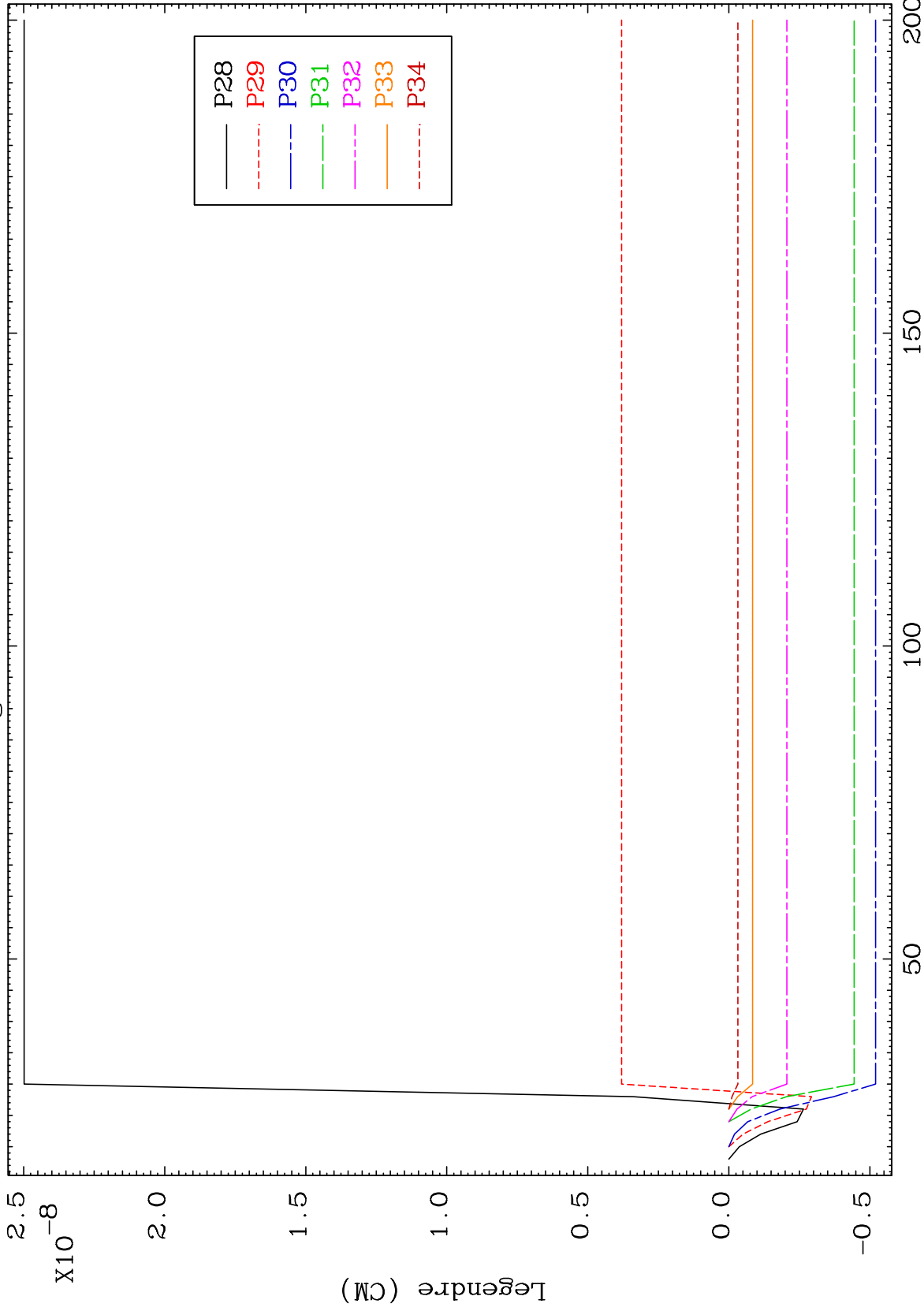
124

72-Hf-183

MAT 7252

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

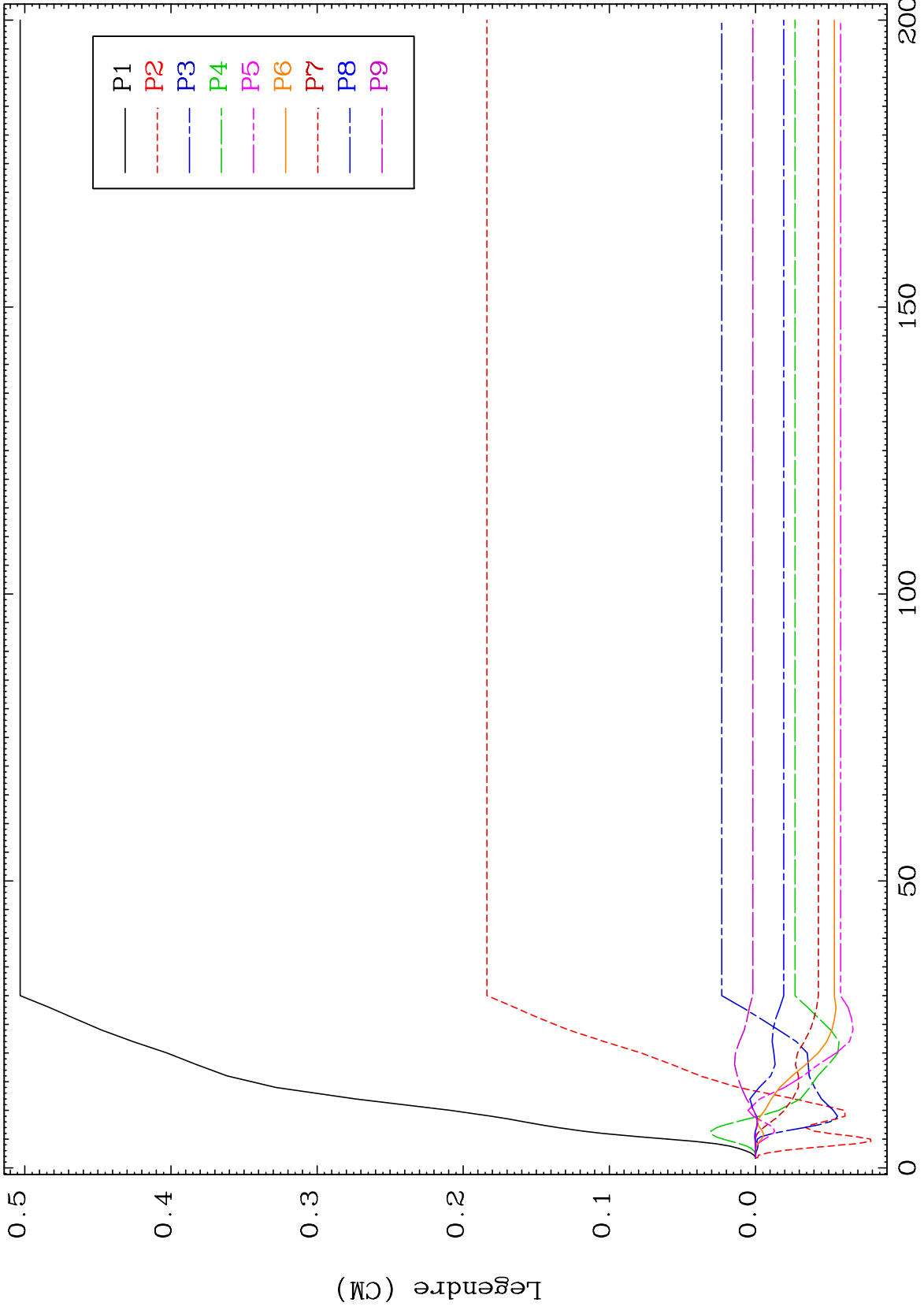
72-Hf-183



125

Incident Energy (MeV)

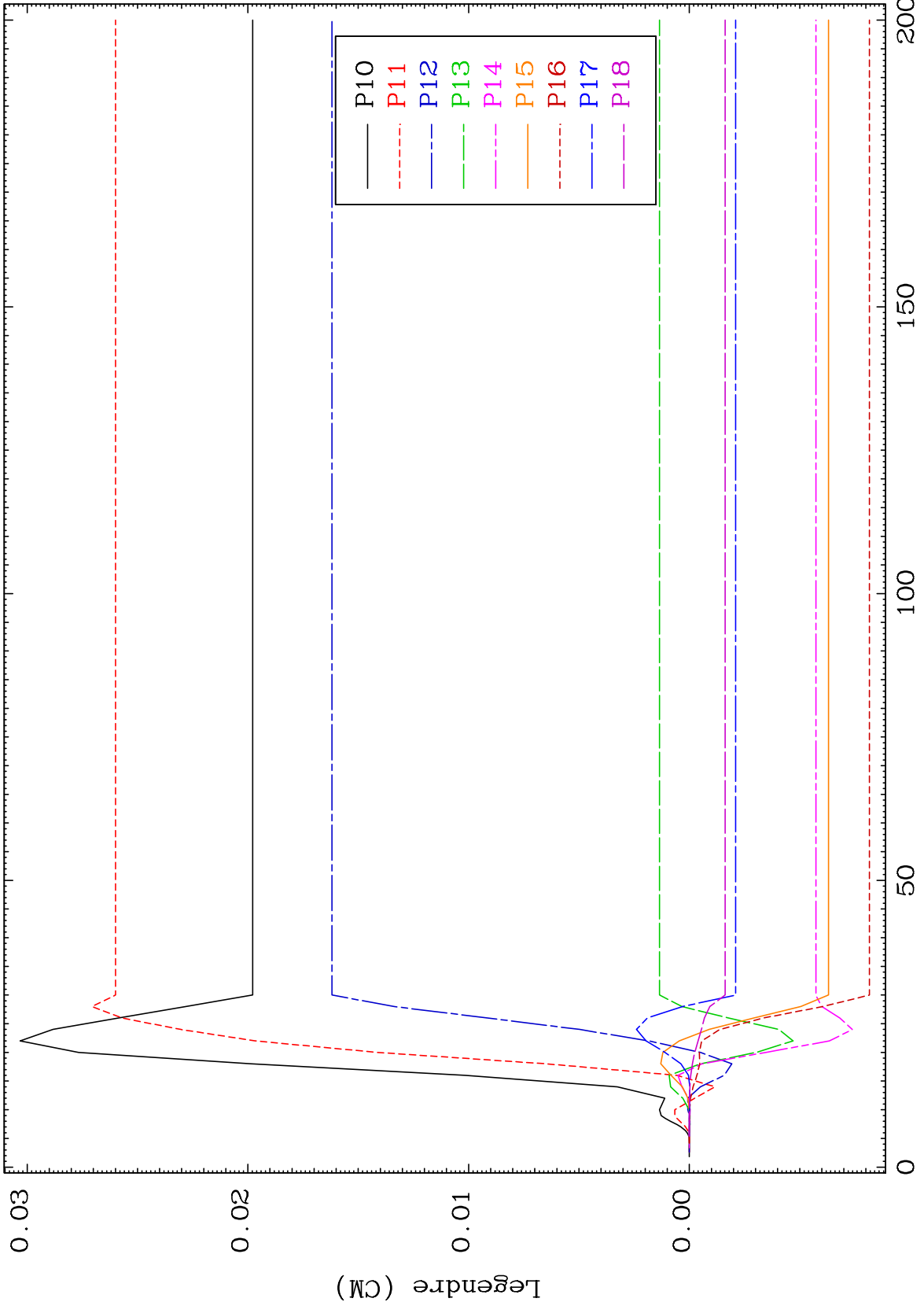
72-Hf-183



MAT 7252

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

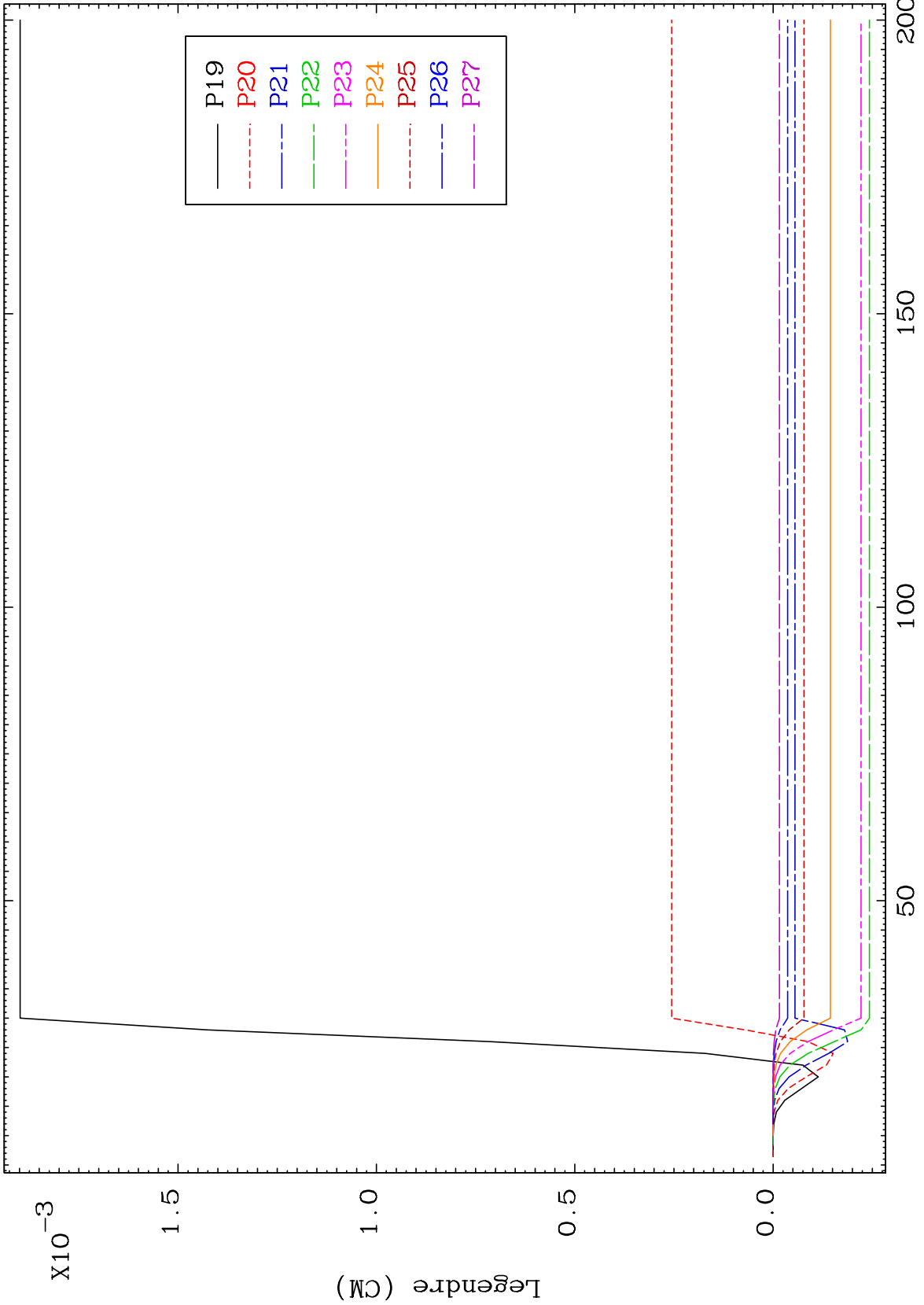
72-Hf-183



127

Incident Energy (MeV)

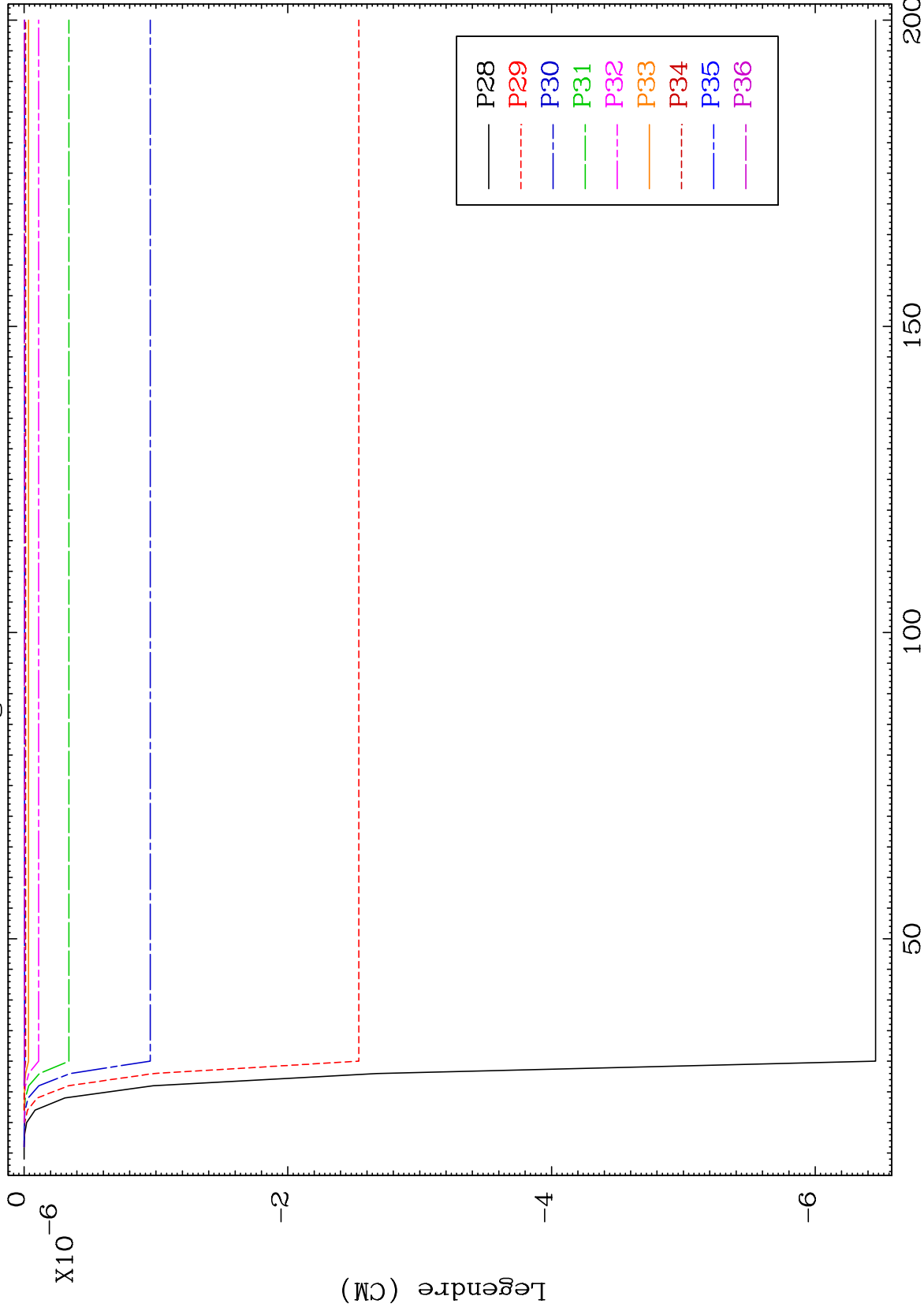
72-Hf-183



MAT 7252

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

72-Hf-183



129

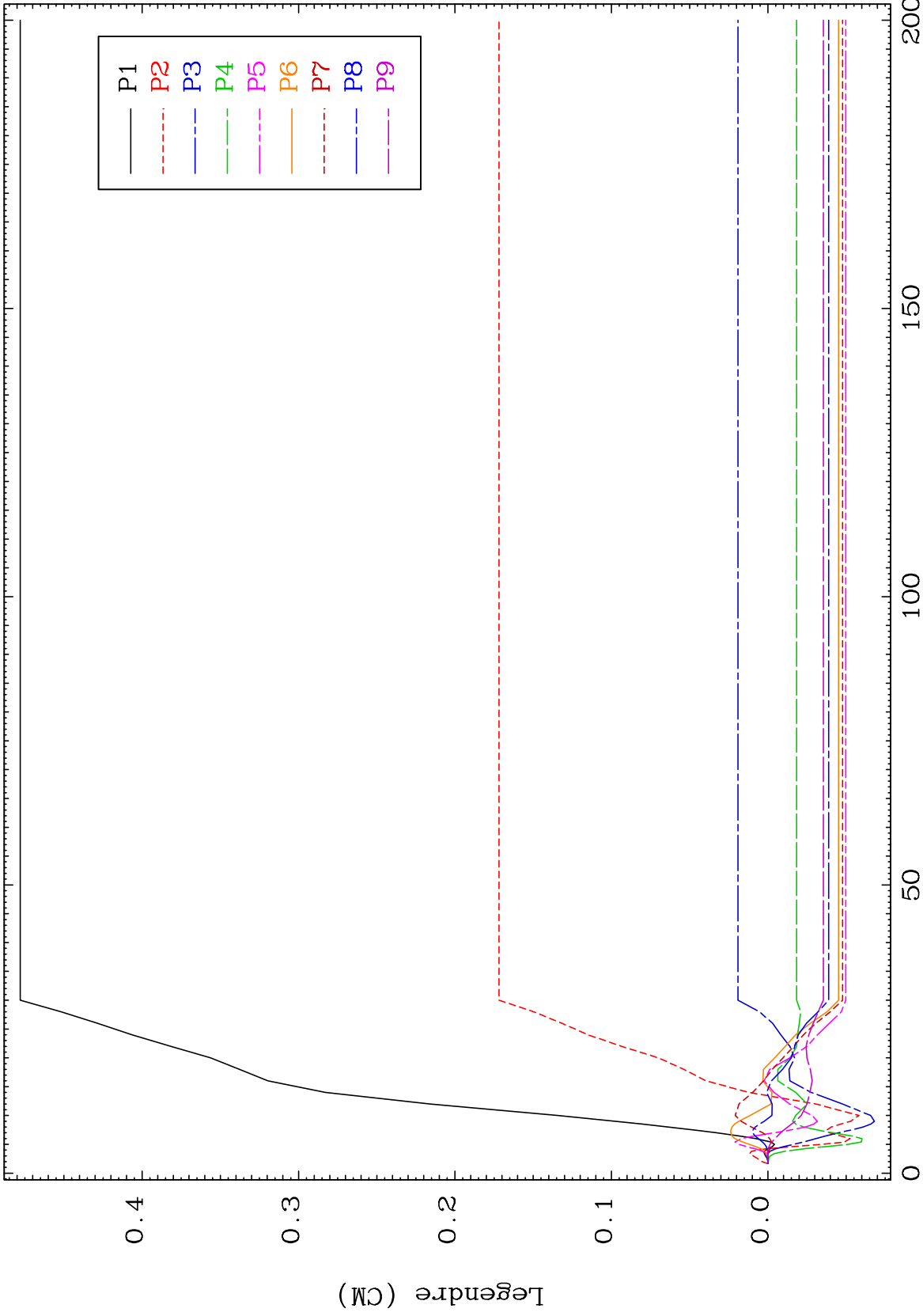
Incident Energy (MeV)

72-Hf-183

MAT 7252

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

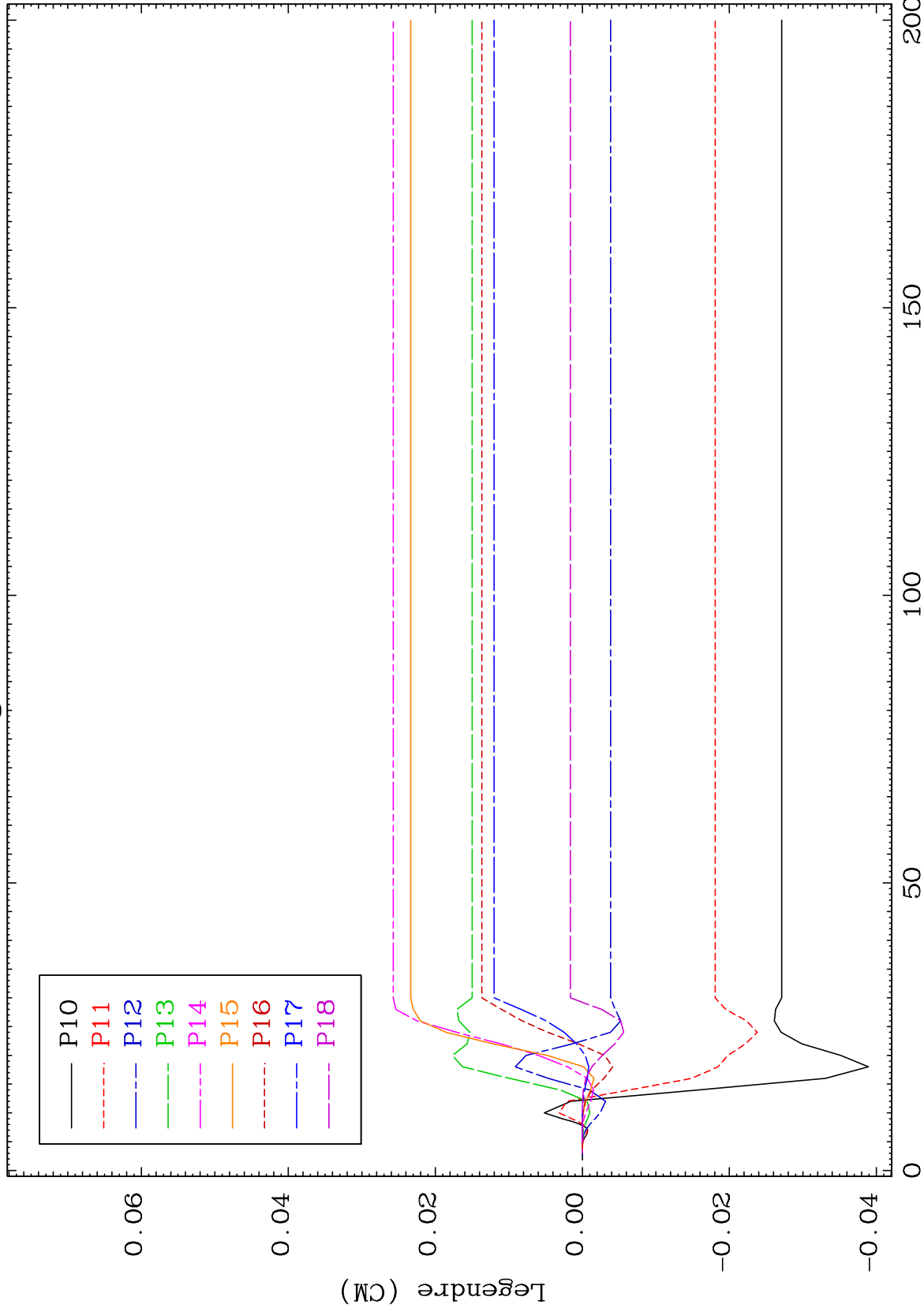
72-Hf-183

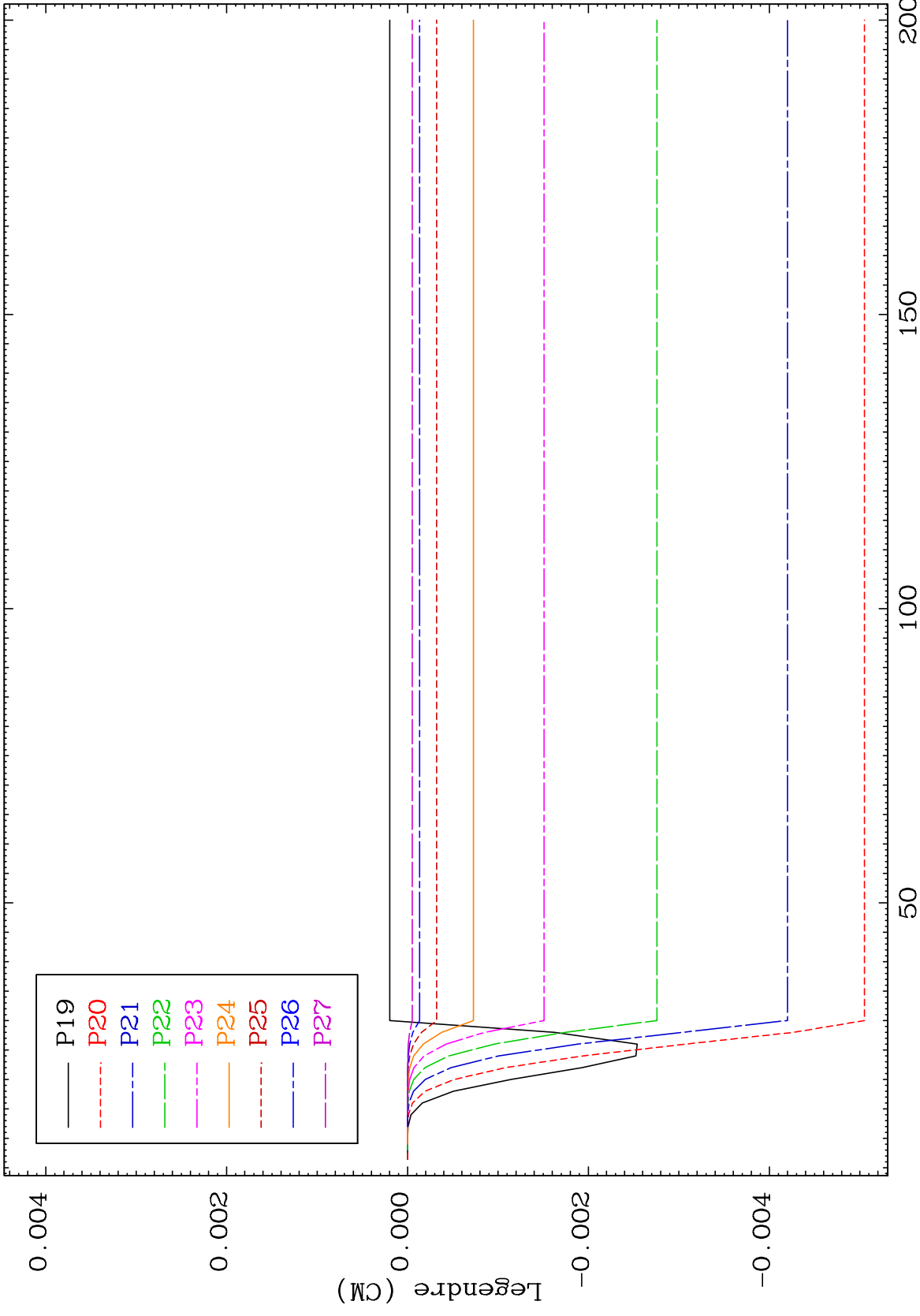


72-Hf-183

Incident Energy (MeV)

Legendre (CM)

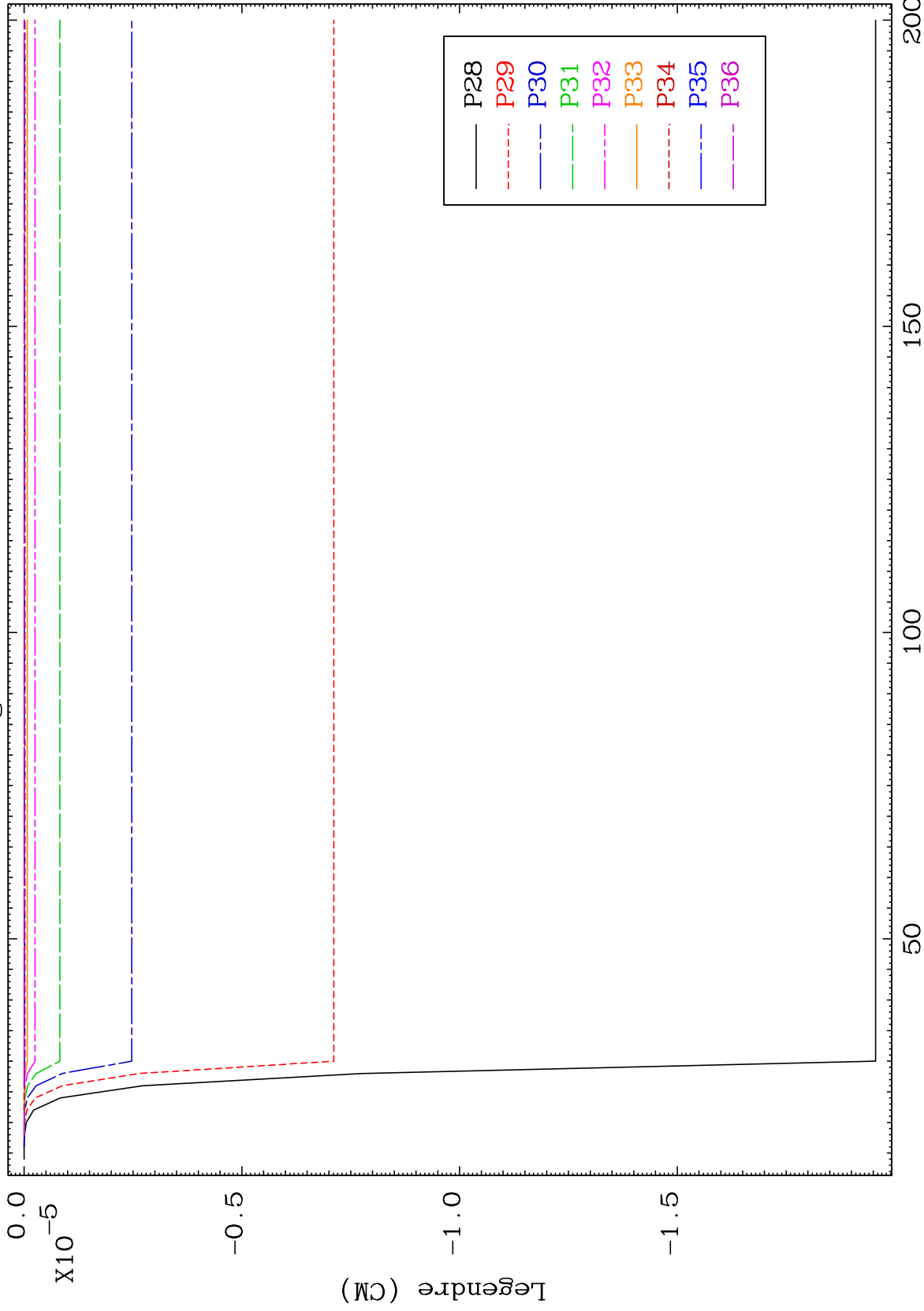




MAT 7252

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

72-Hf-183



72-Hf-183

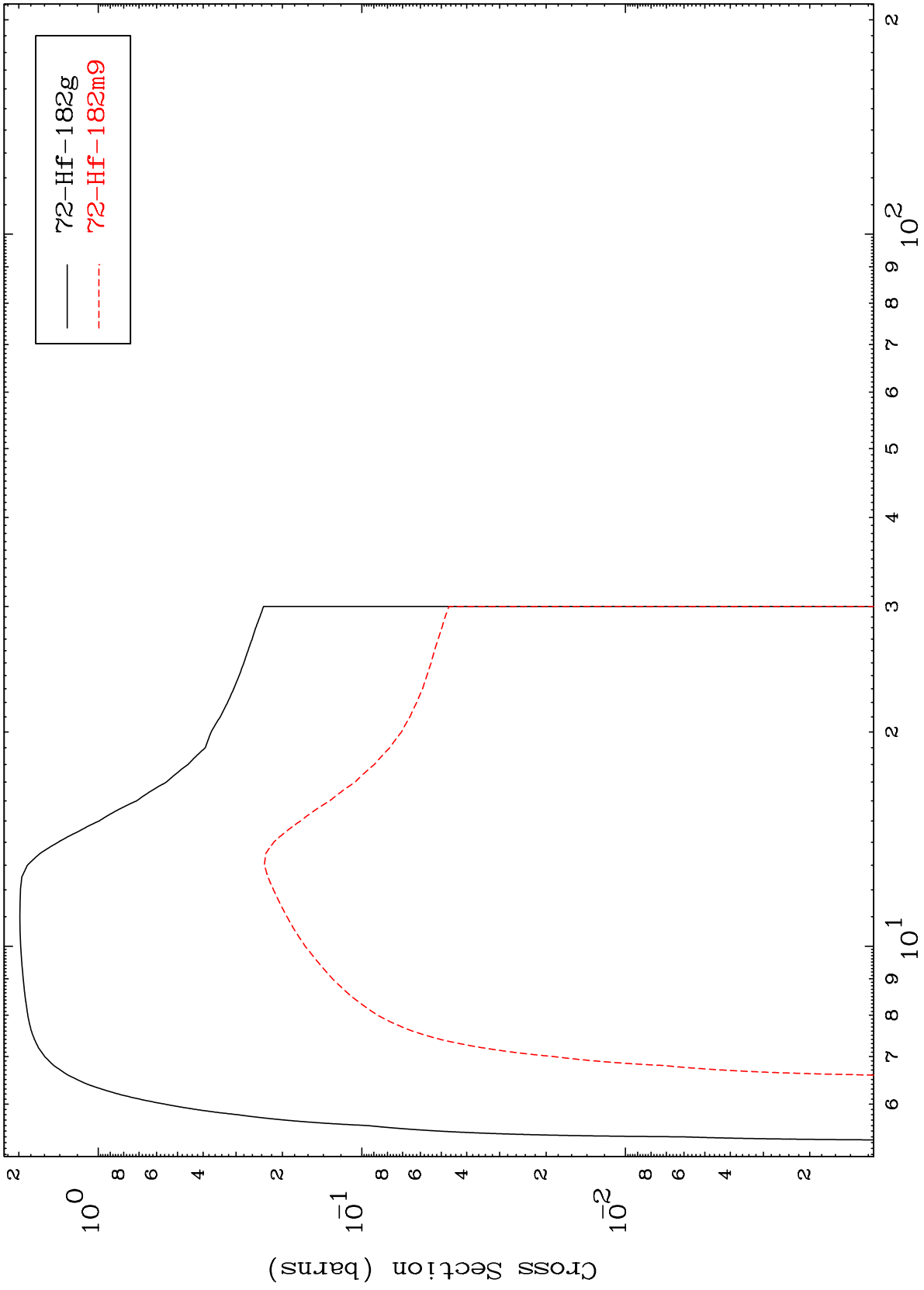
Incident Energy (MeV)

133

MAT 7252

72-Hf-183

(n,2n)
Radionuclide Production Cross Section



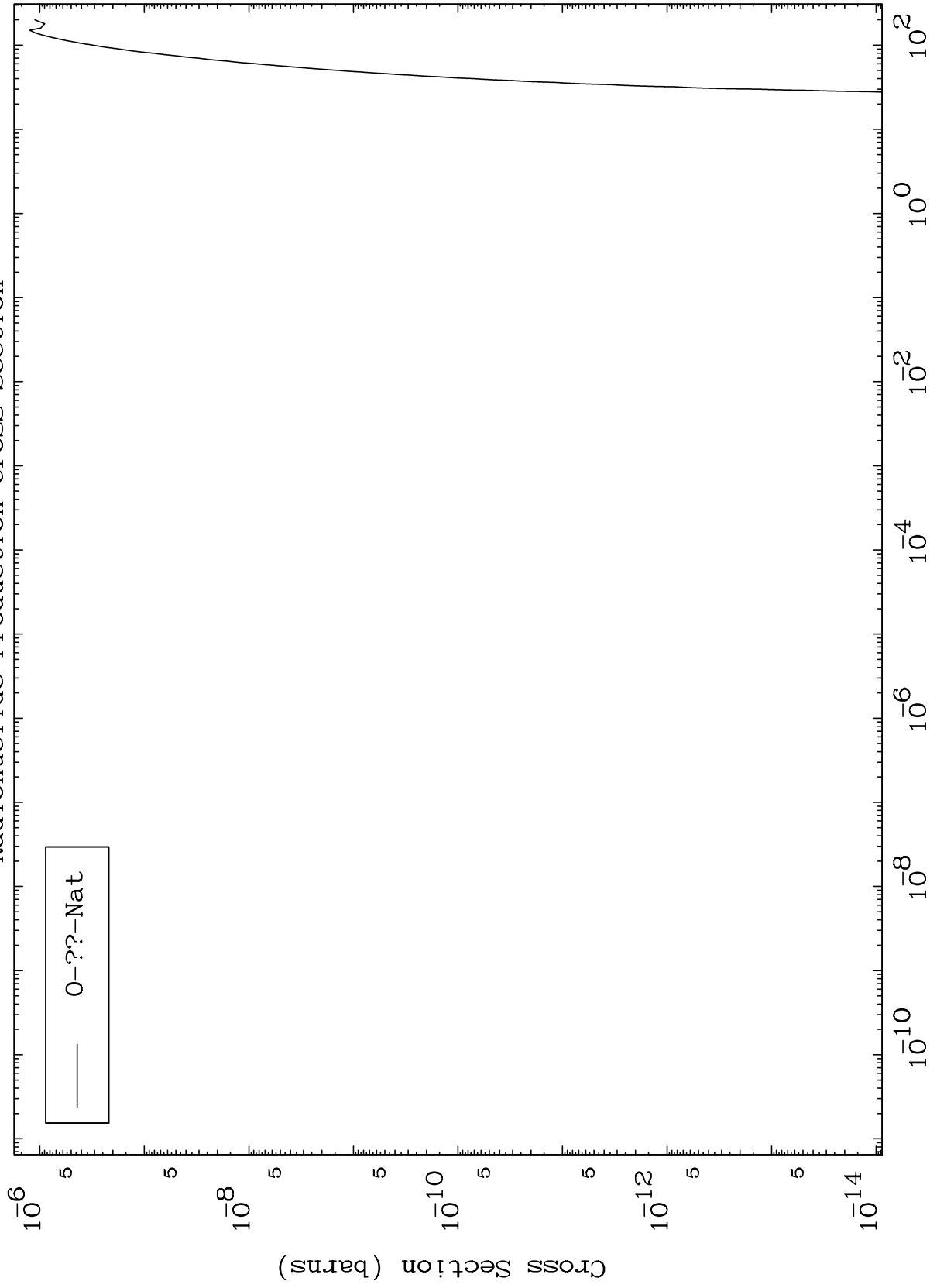
134

72-Hf-183

MAT 7252

Fission
Radionuclide Production Cross Section

72-Hf-183



135

Incident Energy (MeV)

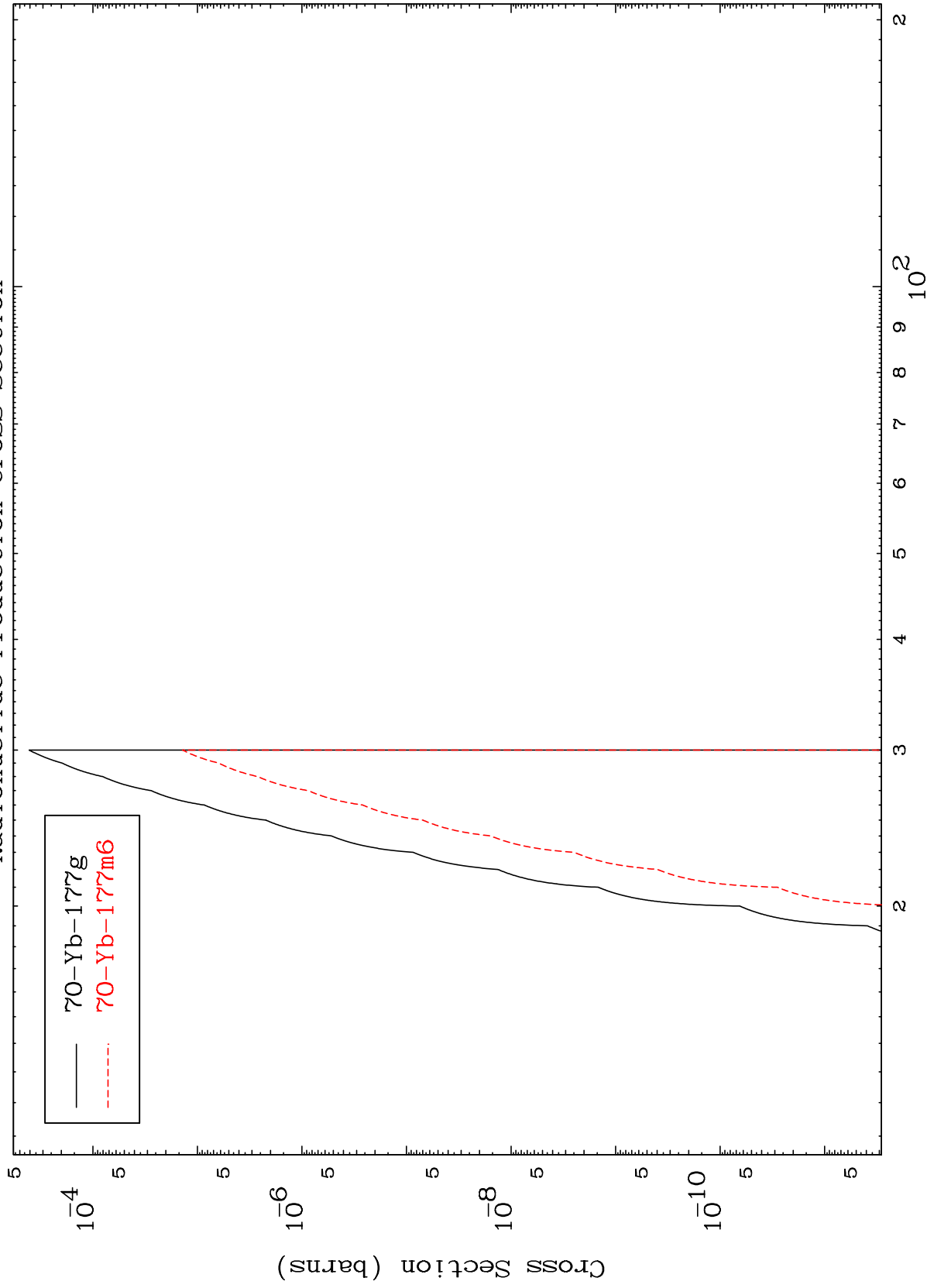
72-Hf-183

MAT 7252

(n,3n) α

72-Hf-183

Radionuclide Production Cross Section



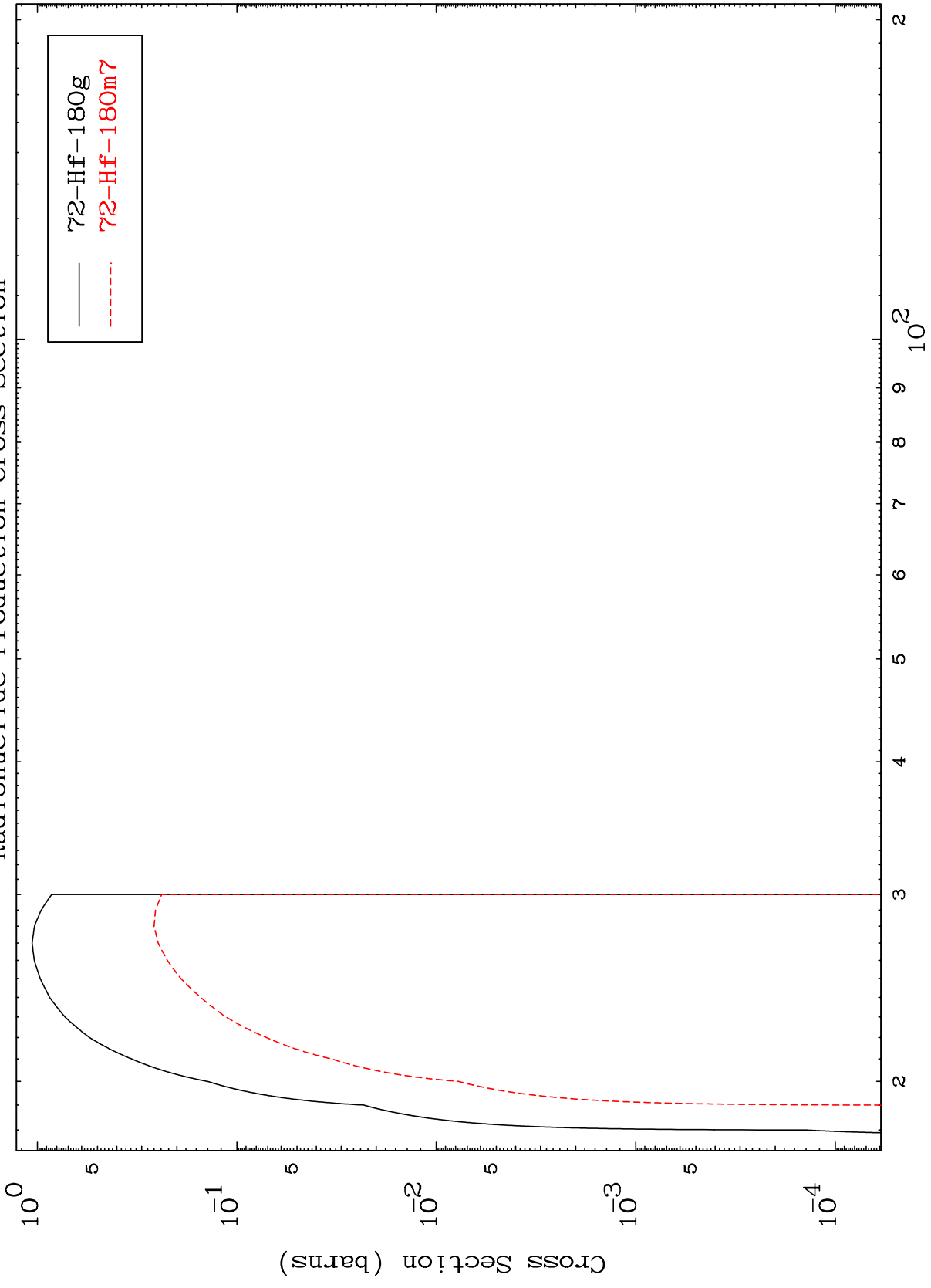
70-Yb-177g
70-Yb-177m6

MAT 7252

(n,4n)

72-Hf-183

Radionuclide Production Cross Section



137

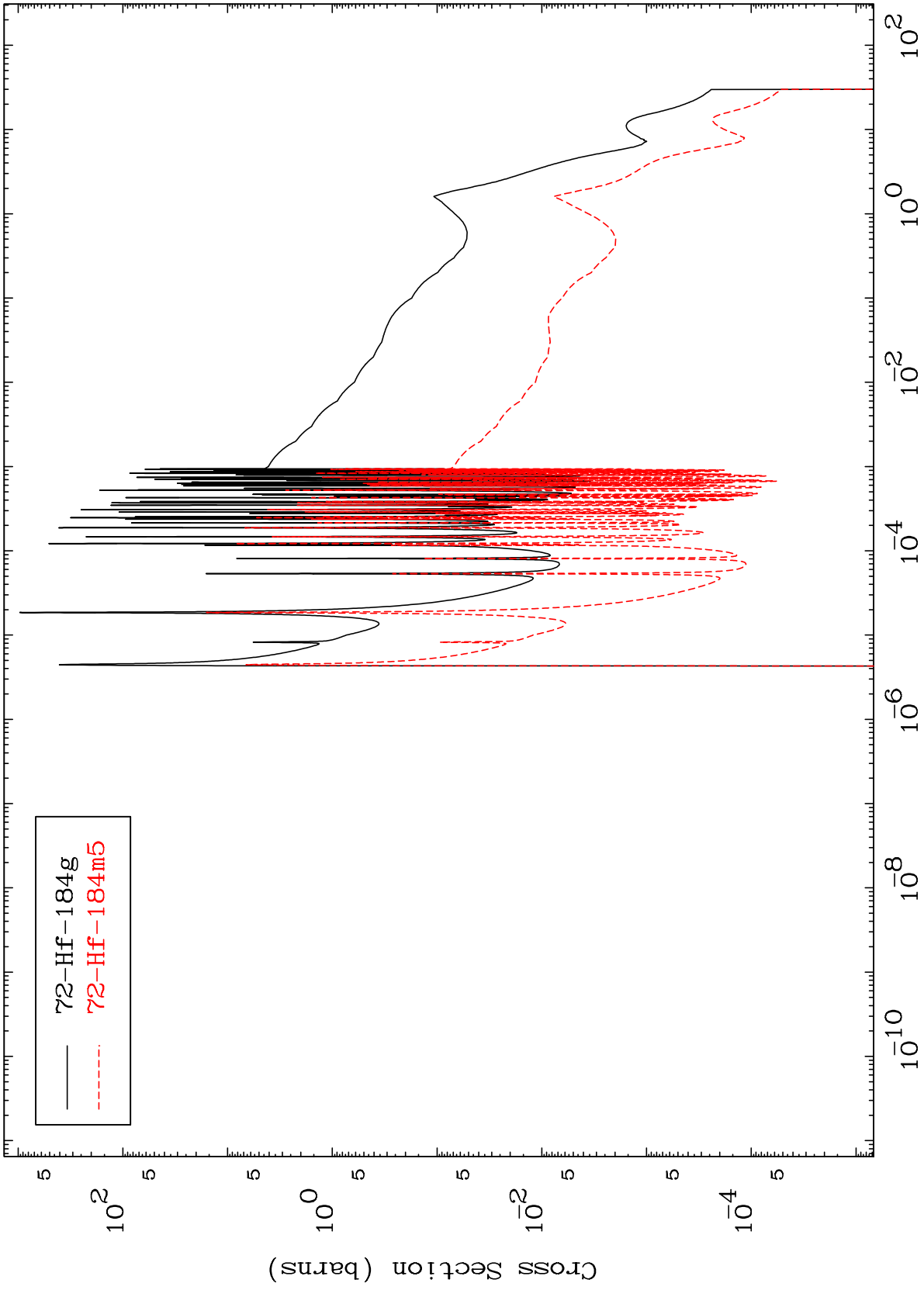
Incident Energy (MeV)

72-Hf-183

MAT 7252

72-Hf-183

(n, γ)
Radionuclide Production Cross Section



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72-Hf-183