

Program EVALPLOT
(Version 2021-1)

by

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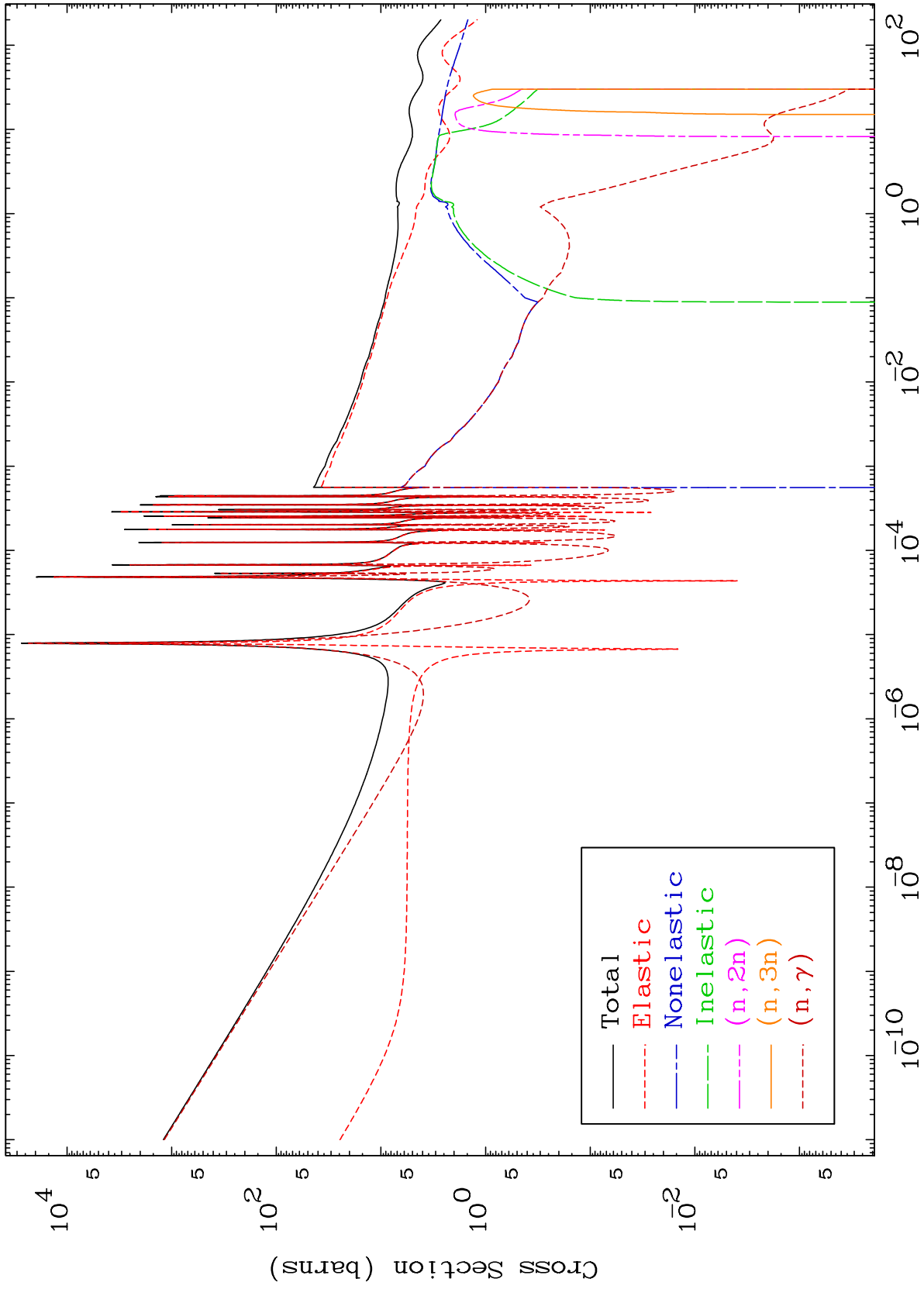
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7231

Neutron Major
293 Kelvin Cross Sections

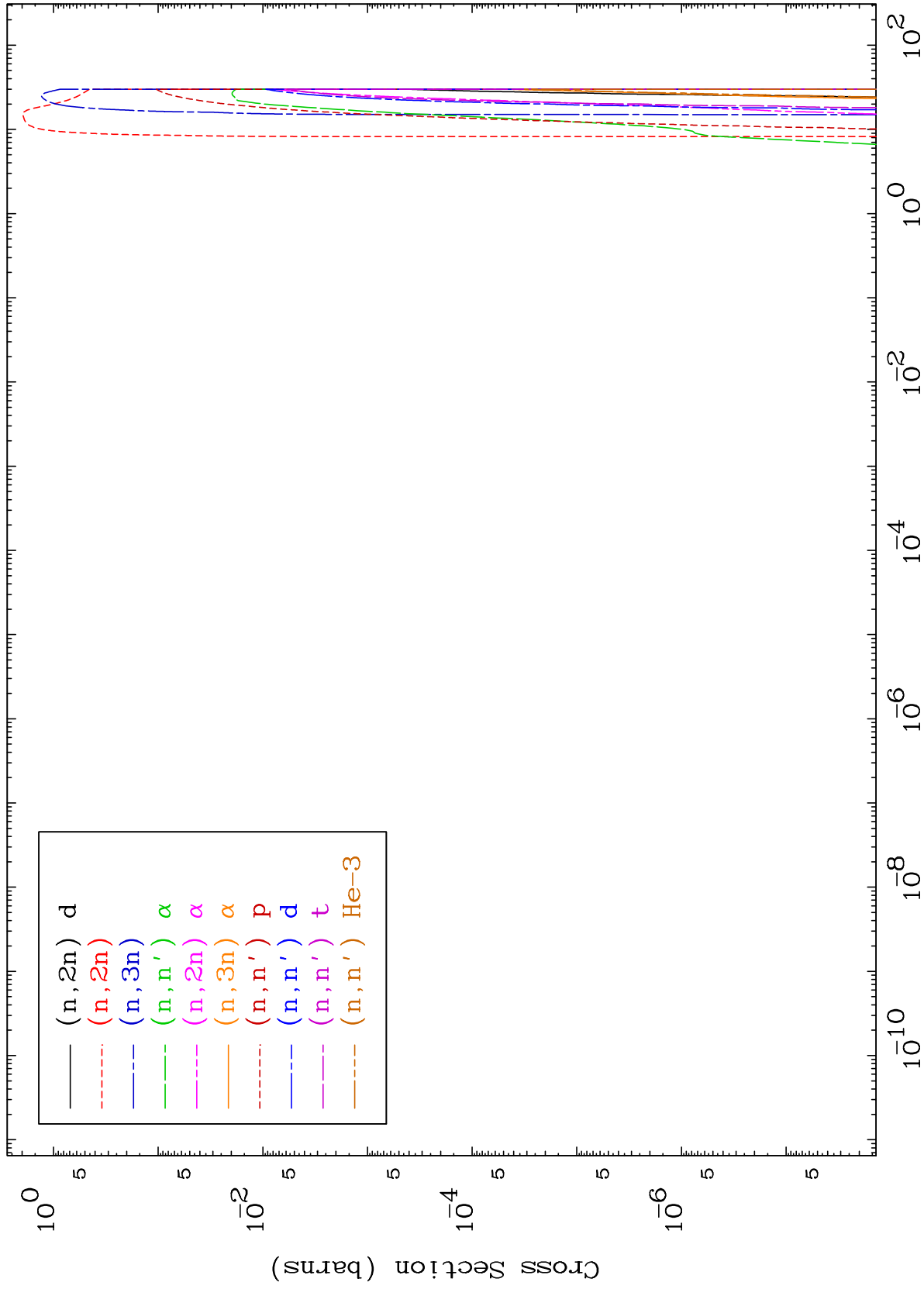
72-Hf-176



MAT 7231

Neutron Absorption
293 Kelvin Cross Sections

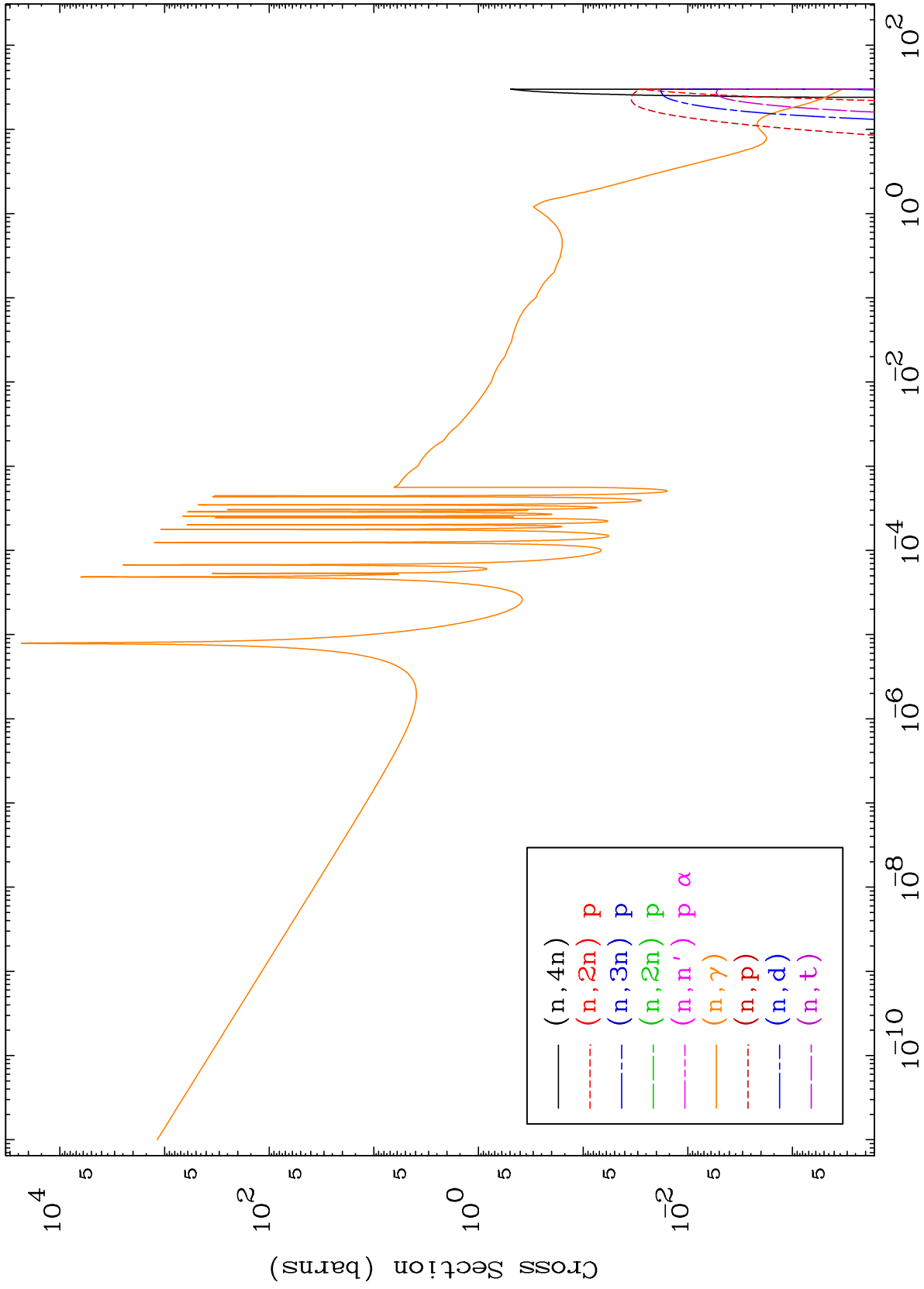
72-Hf-176



2

Incident Energy (MeV)

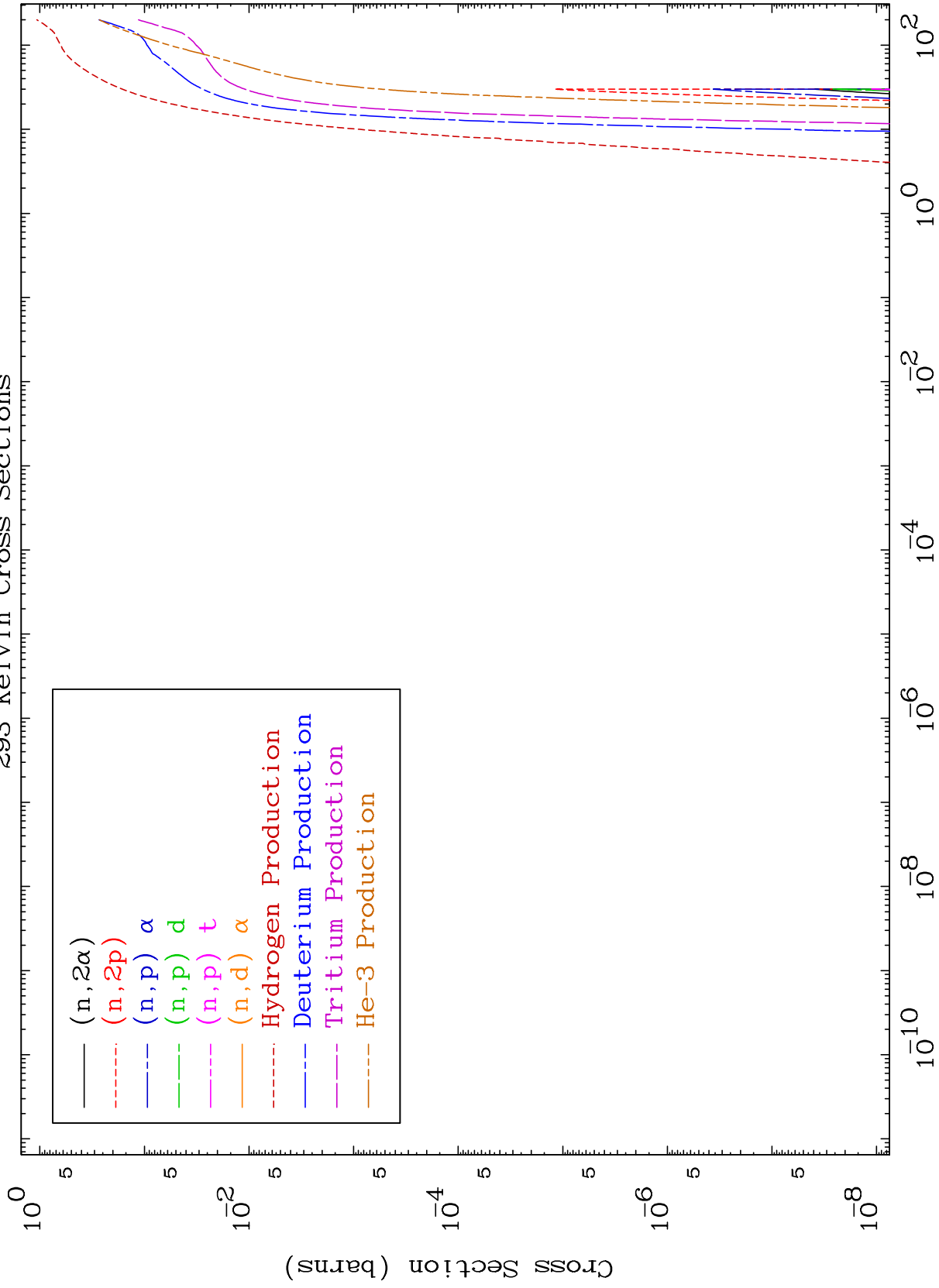
72-Hf-176

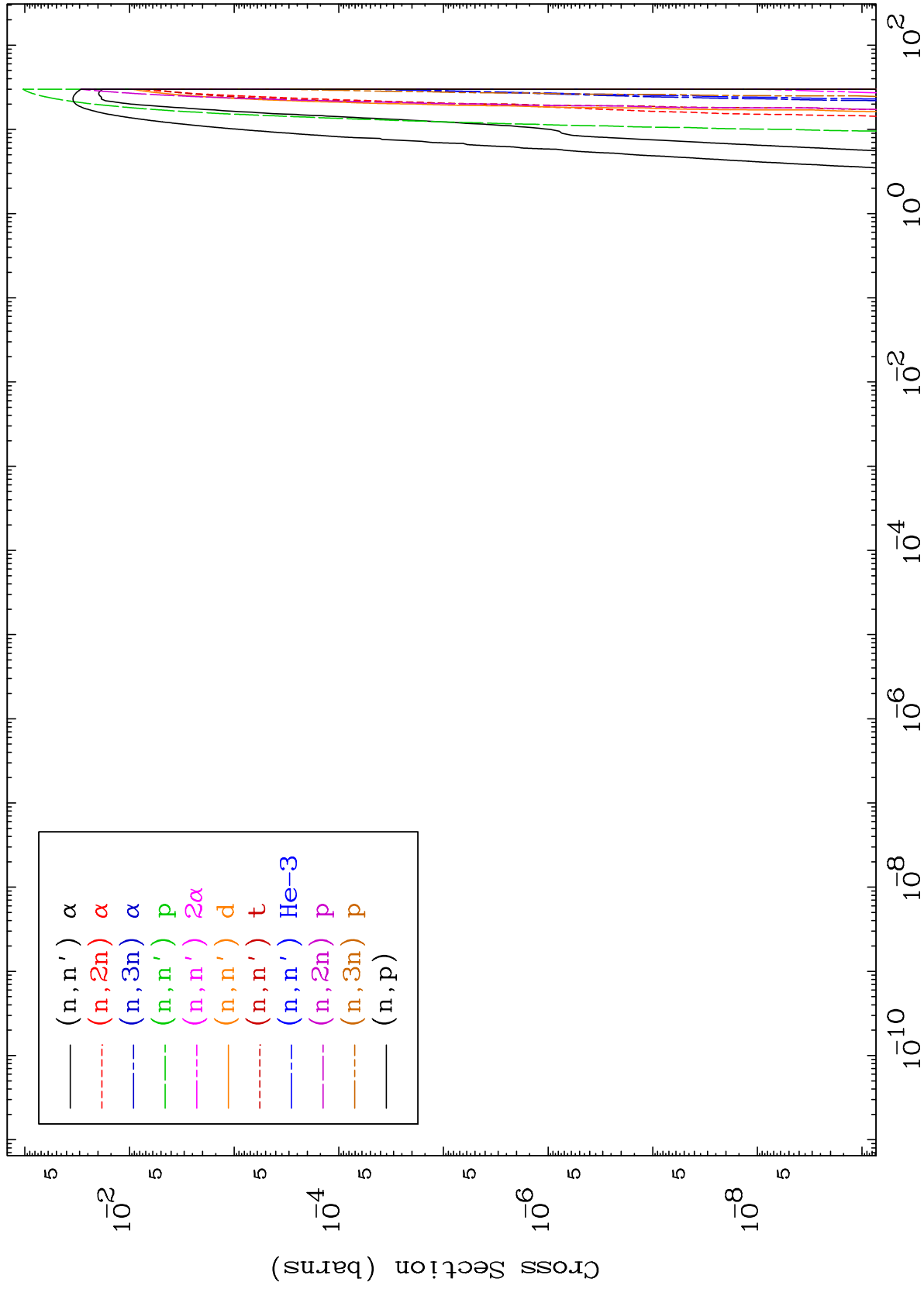


MAT 7231

Neutron Absorption
293 Kelvin Cross Sections

72-Hf-176

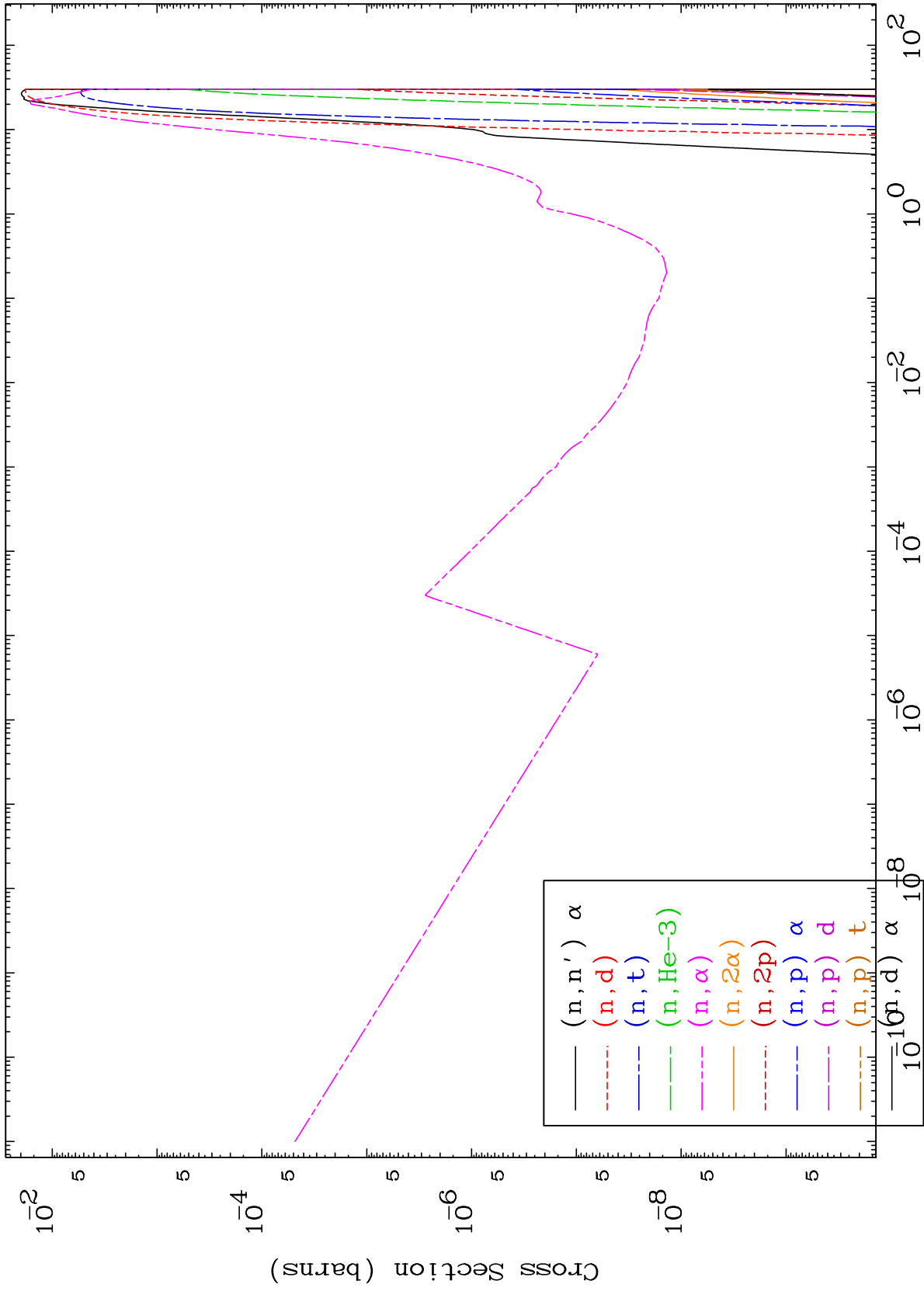




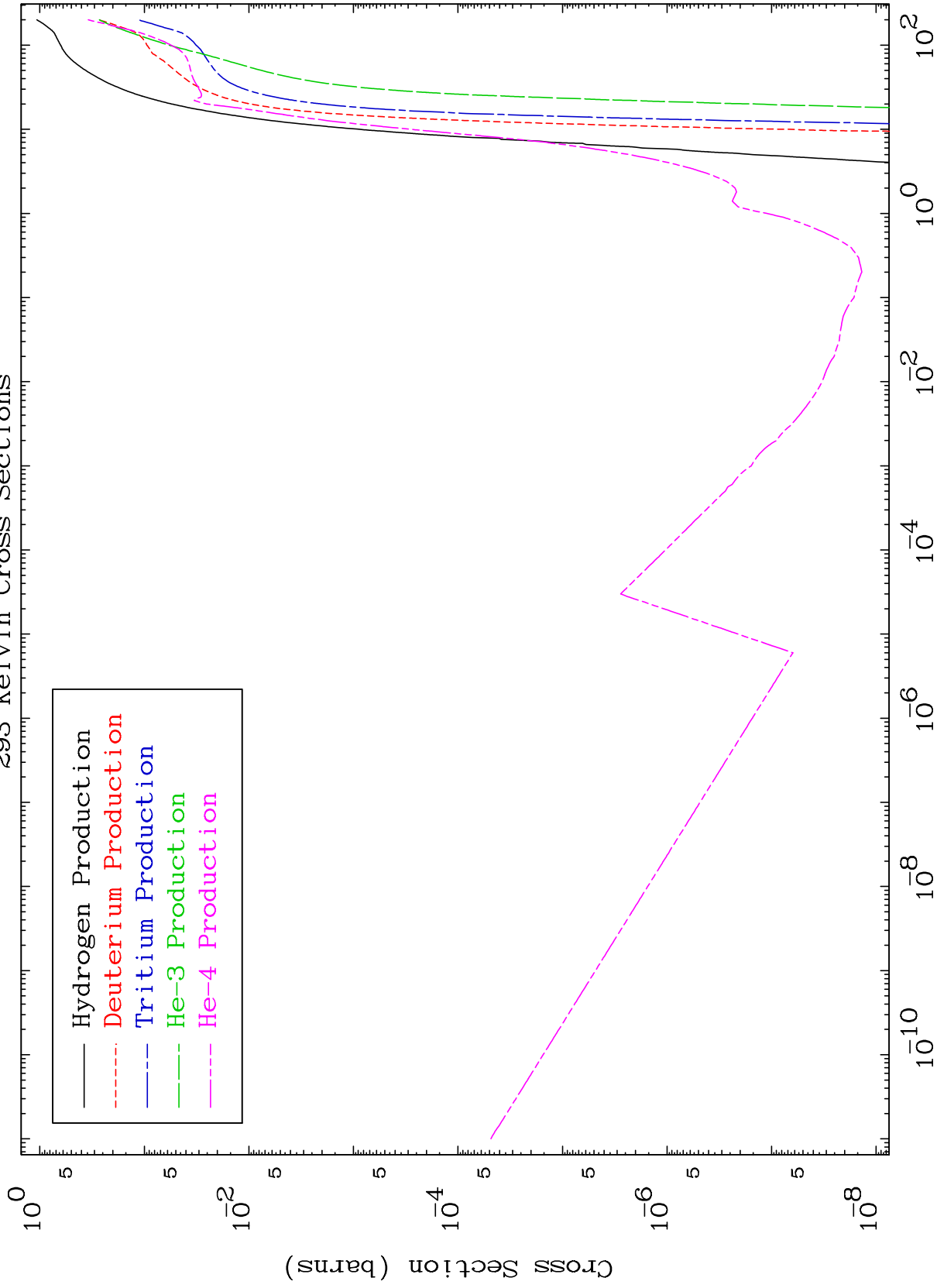
MAT 7231

Charged Particle
293 Kelvin Cross Sections

72-Hf-176



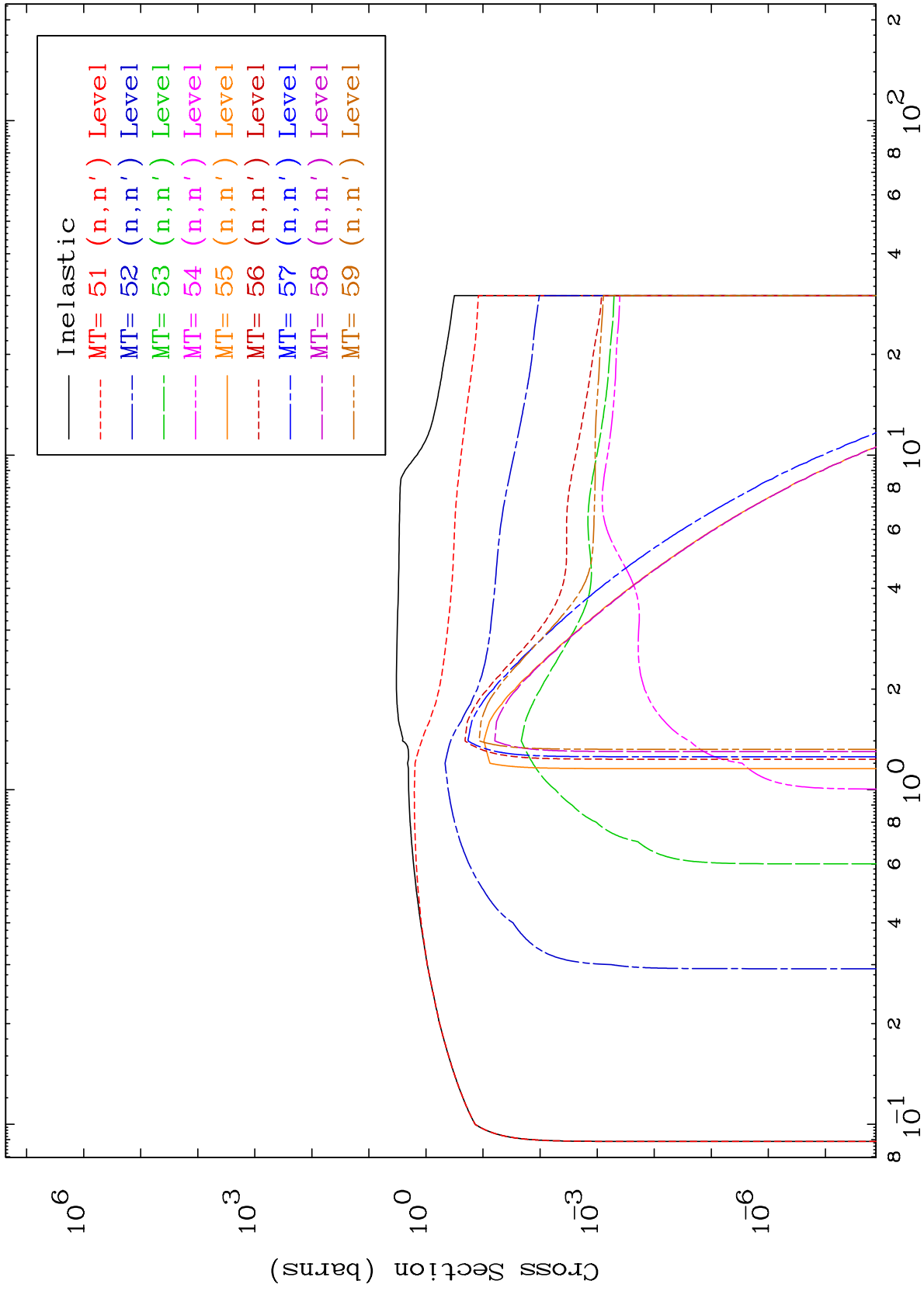
6



MAT 7231

(n,n') Levels
293 Kelvin Cross Sections

72-Hf-176



8

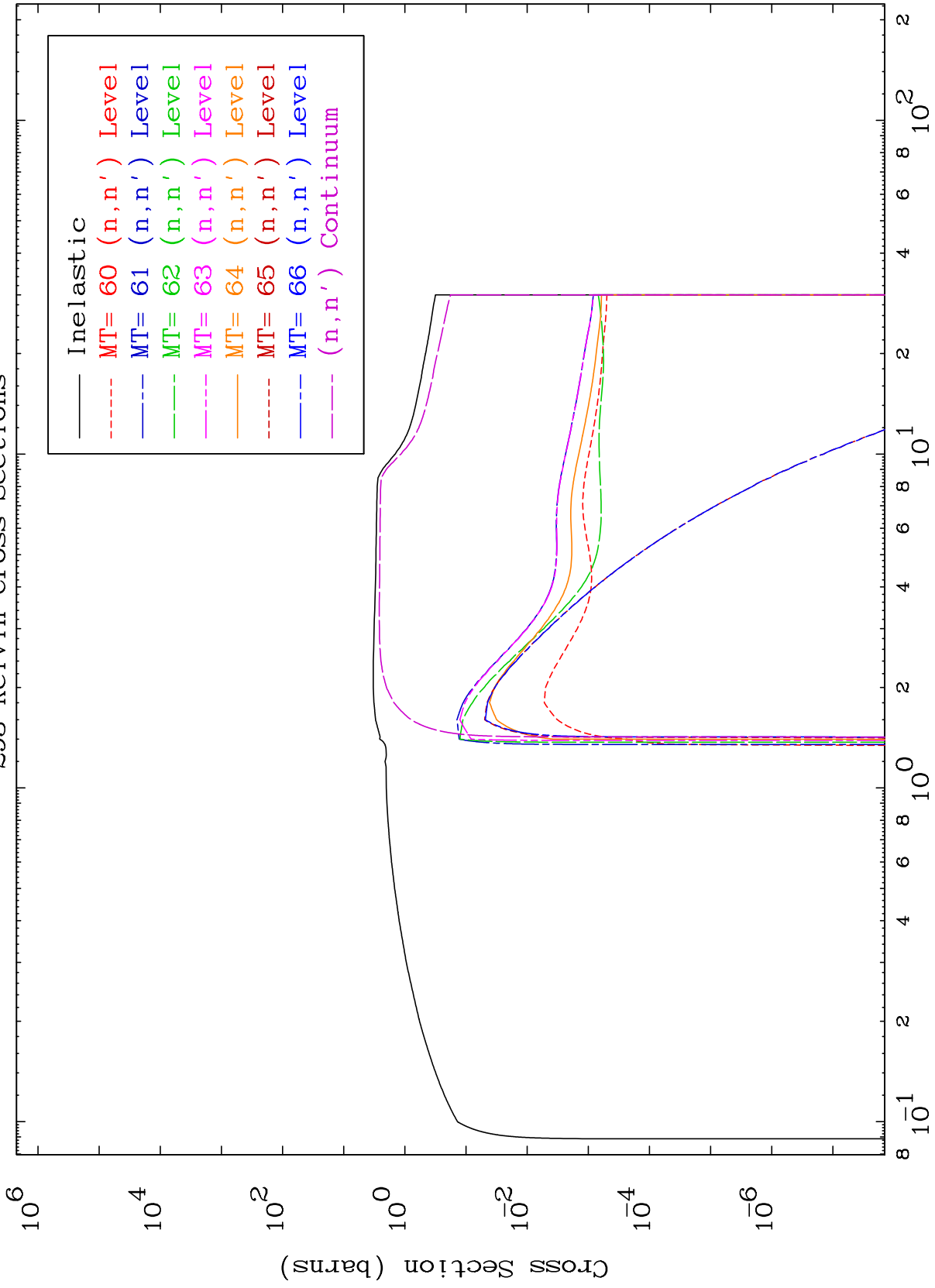
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,n') Levels
293 Kelvin Cross Sections

72-Hf-176



9

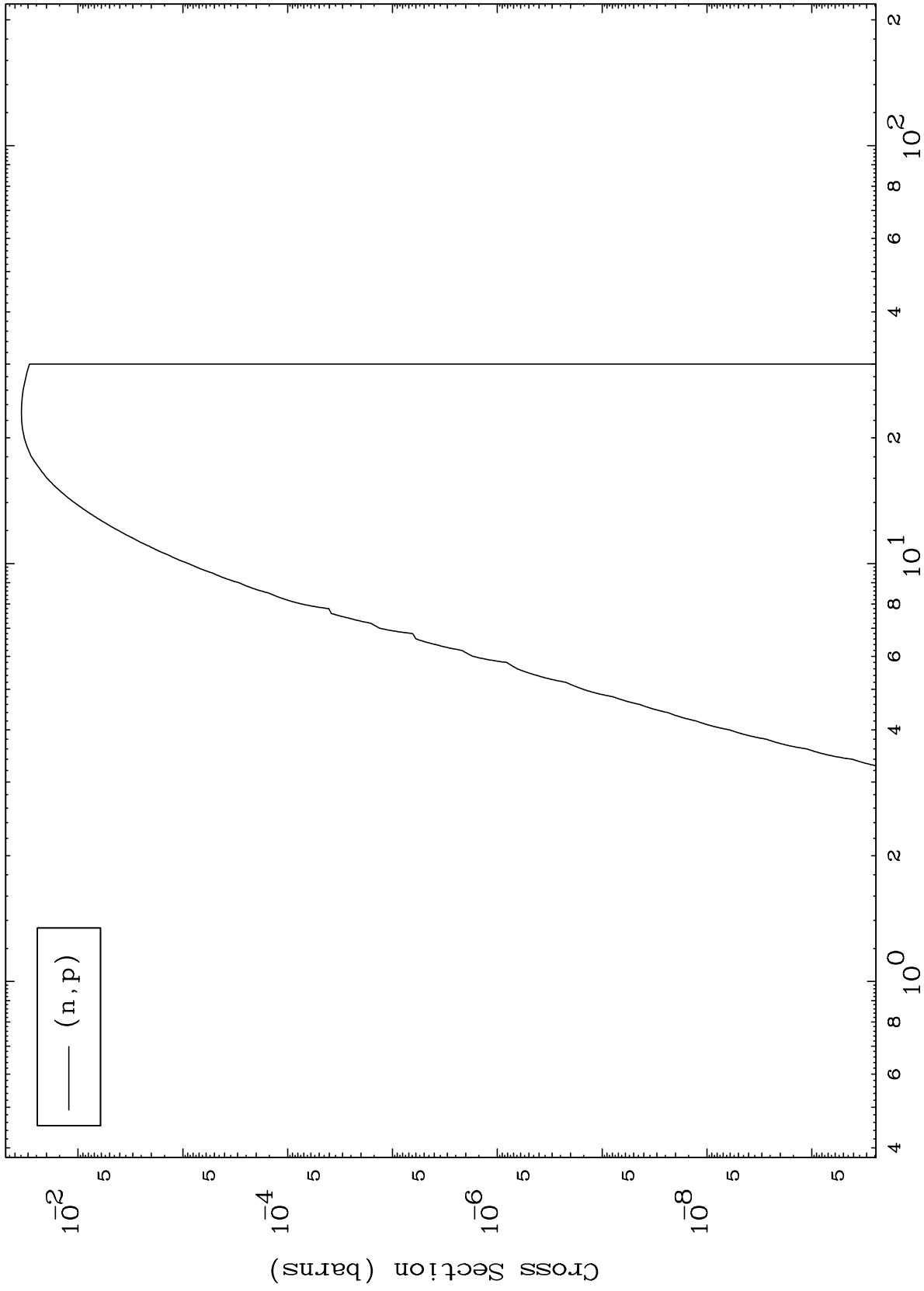
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-176



10

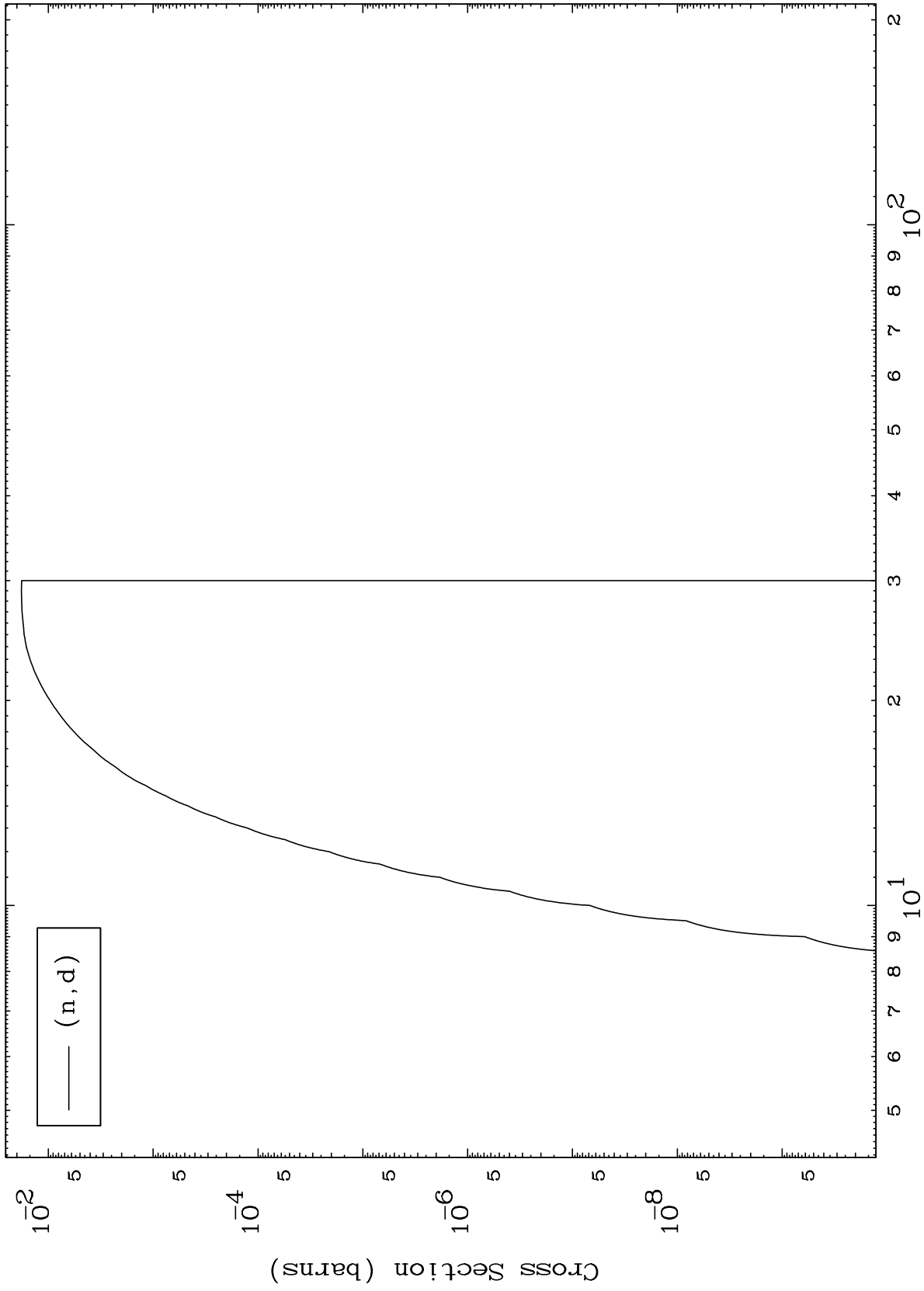
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-176



11

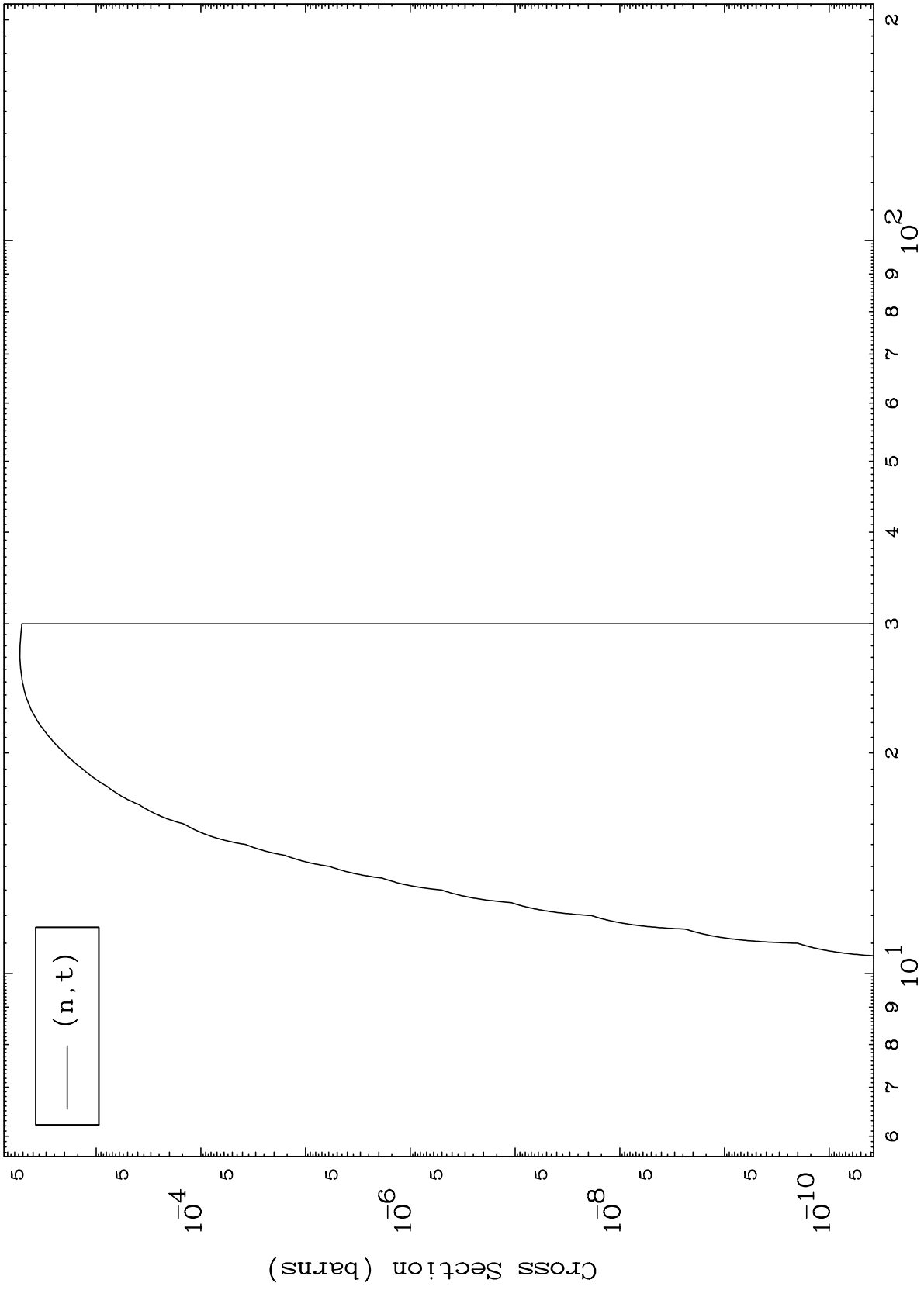
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-176



12

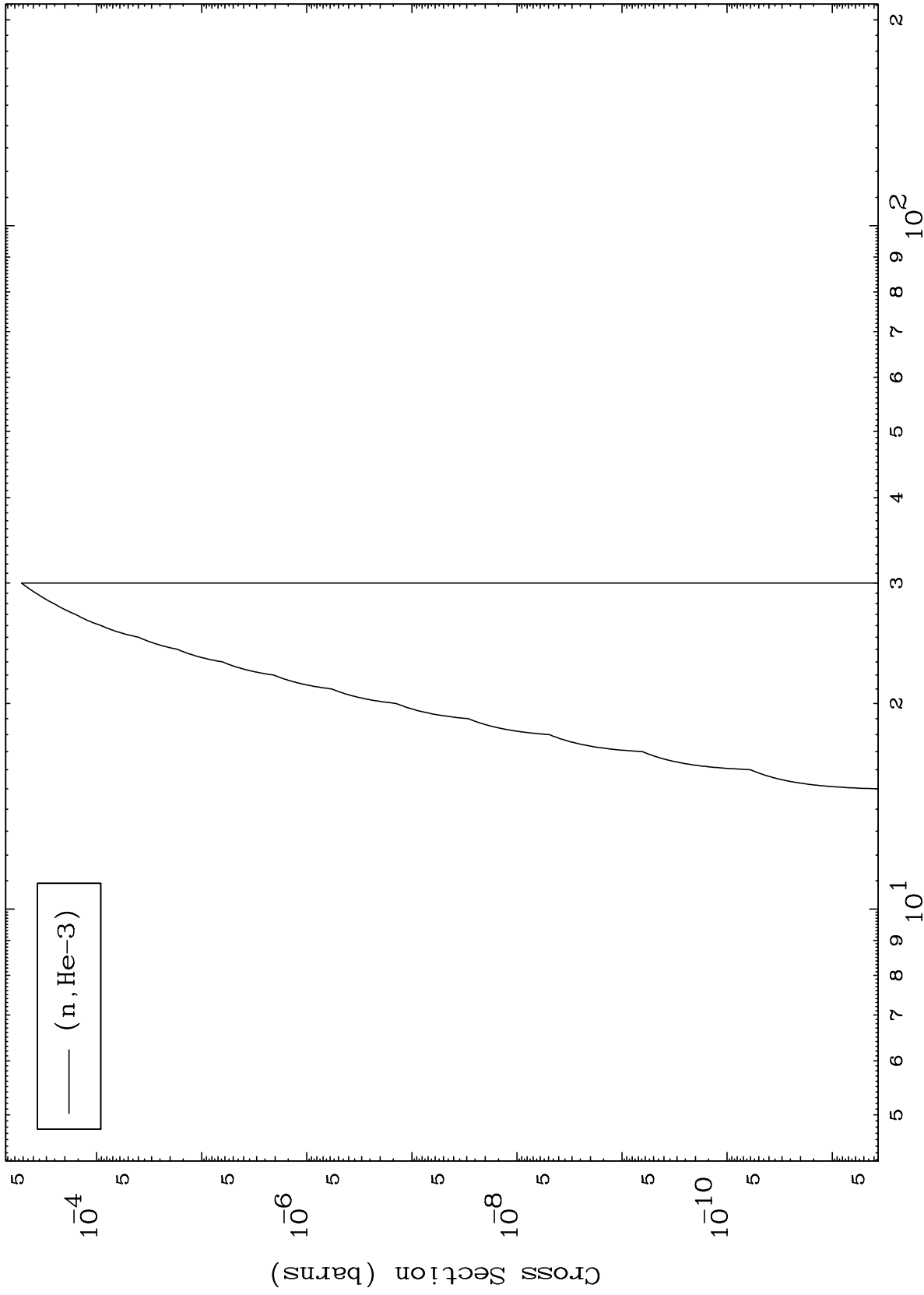
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-176



13

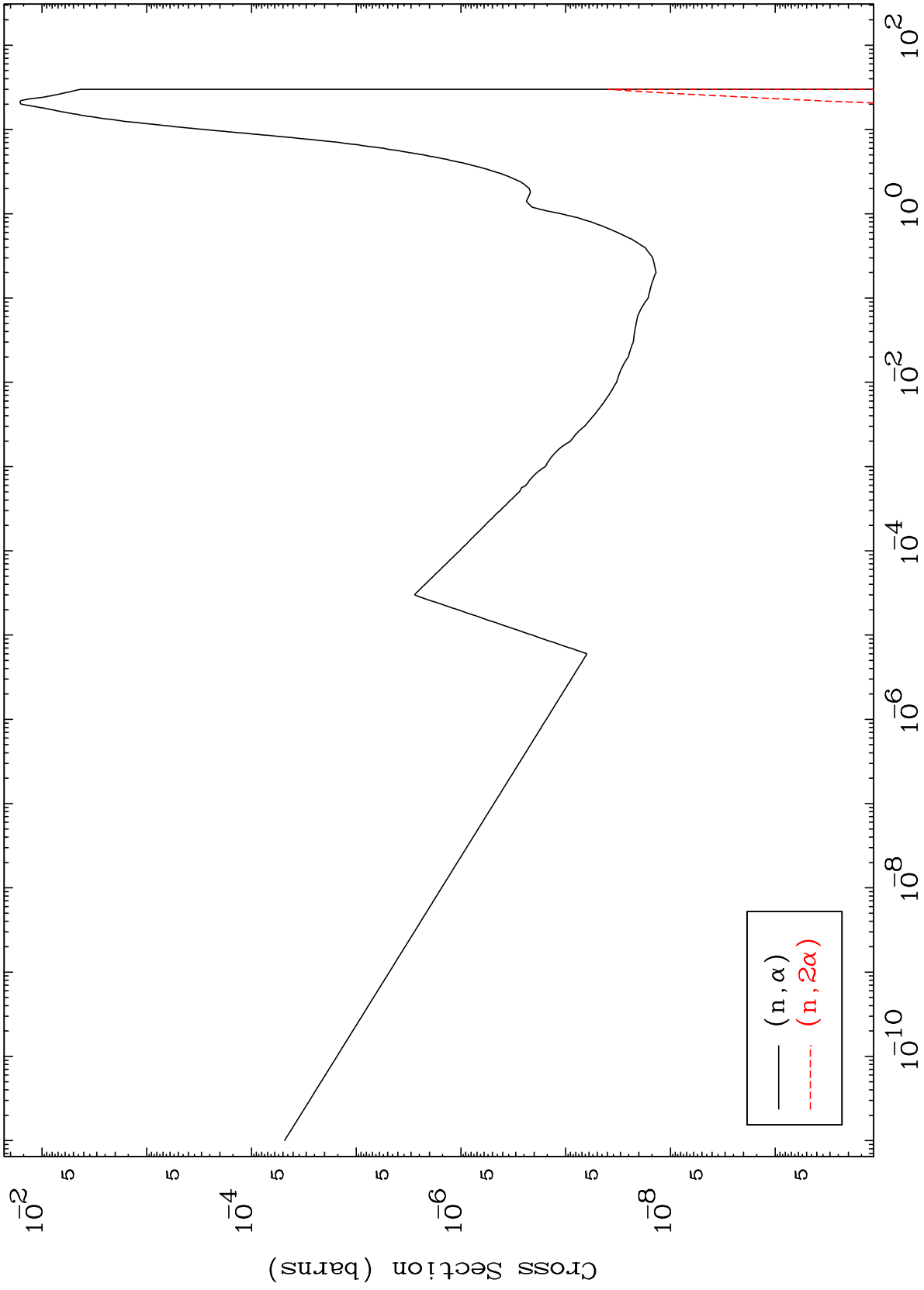
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,α) Levels
293 Kelvin Cross Sections

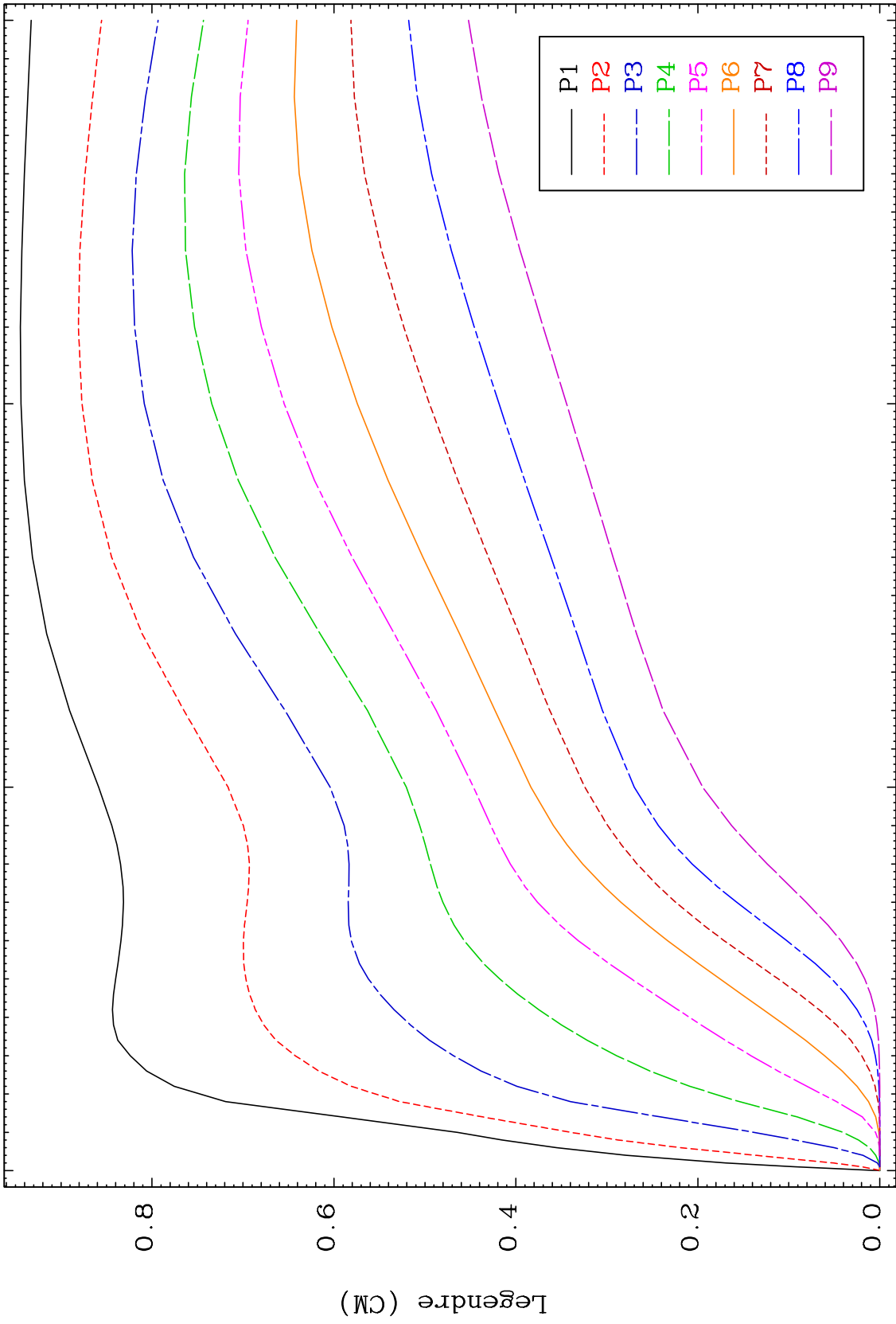
72-Hf-176



72-Hf-176

Elastic Legendre Coefficients

MAT 7231



72-Hf-176

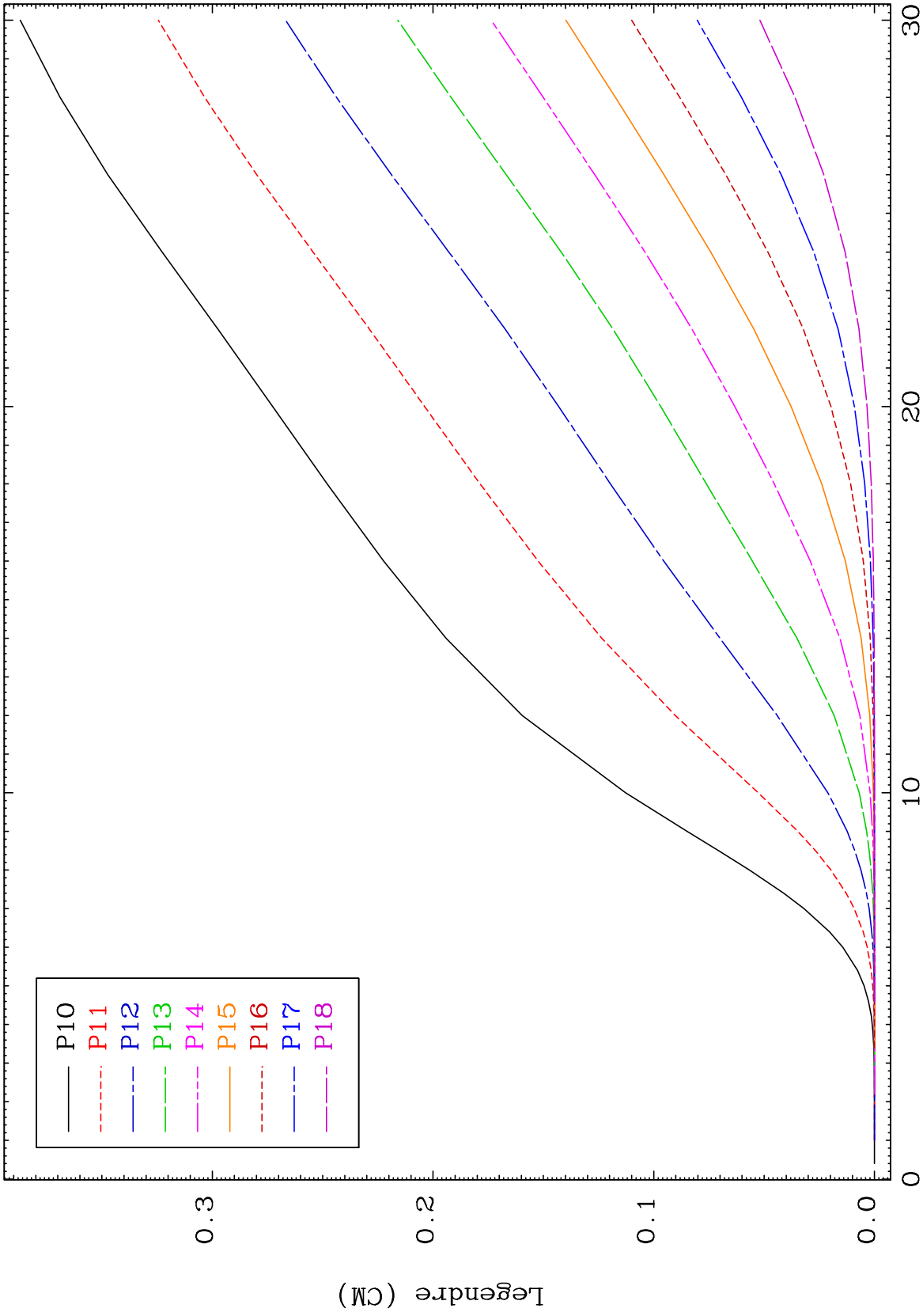
Incident Energy (MeV)

15

MAT 7231

Elastic Legendre Coefficients

72-Hf-176



16

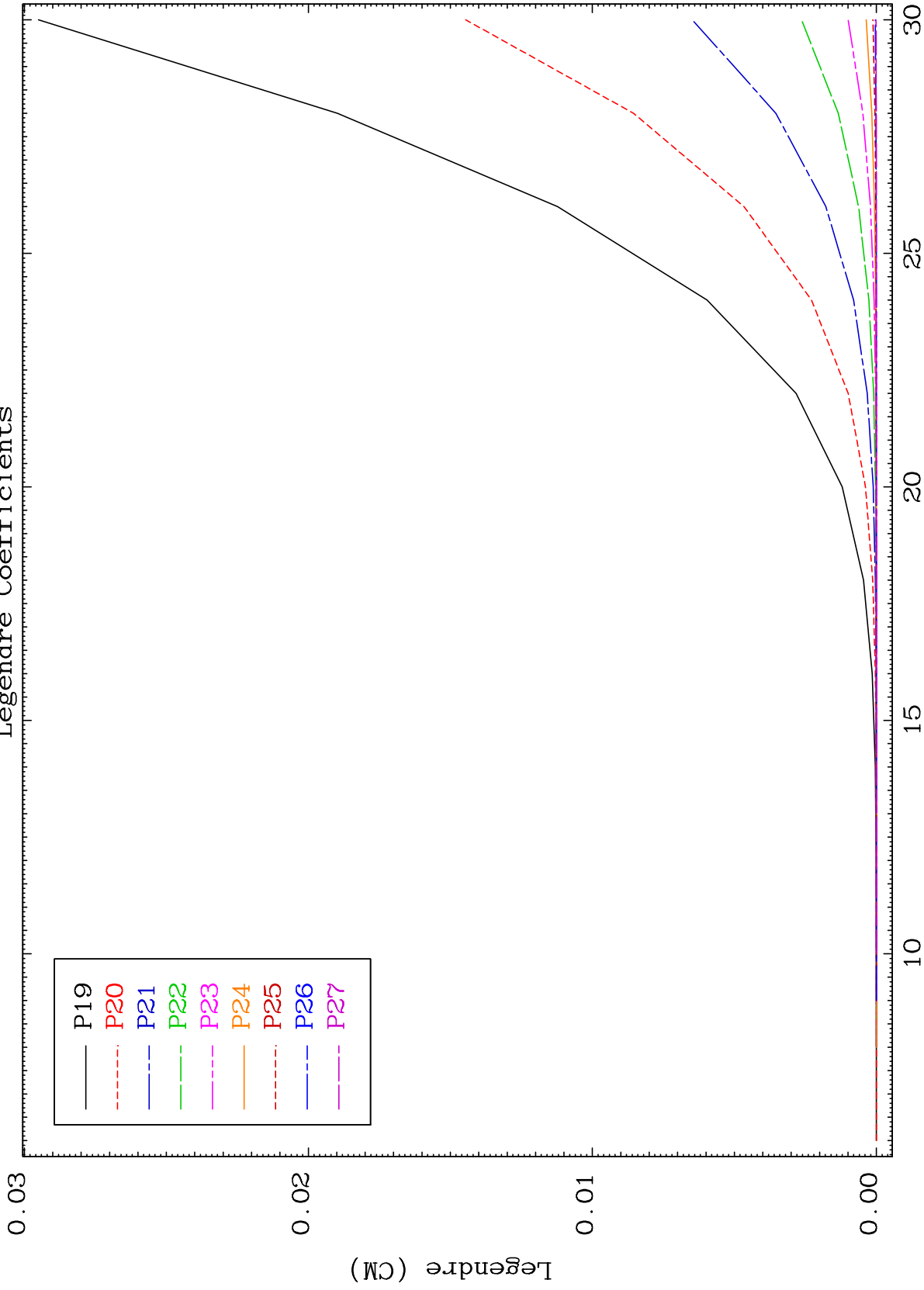
Incident Energy (MeV)

72-Hf-176

MAT 7231

Elastic Legendre Coefficients

72-Hf-176



17

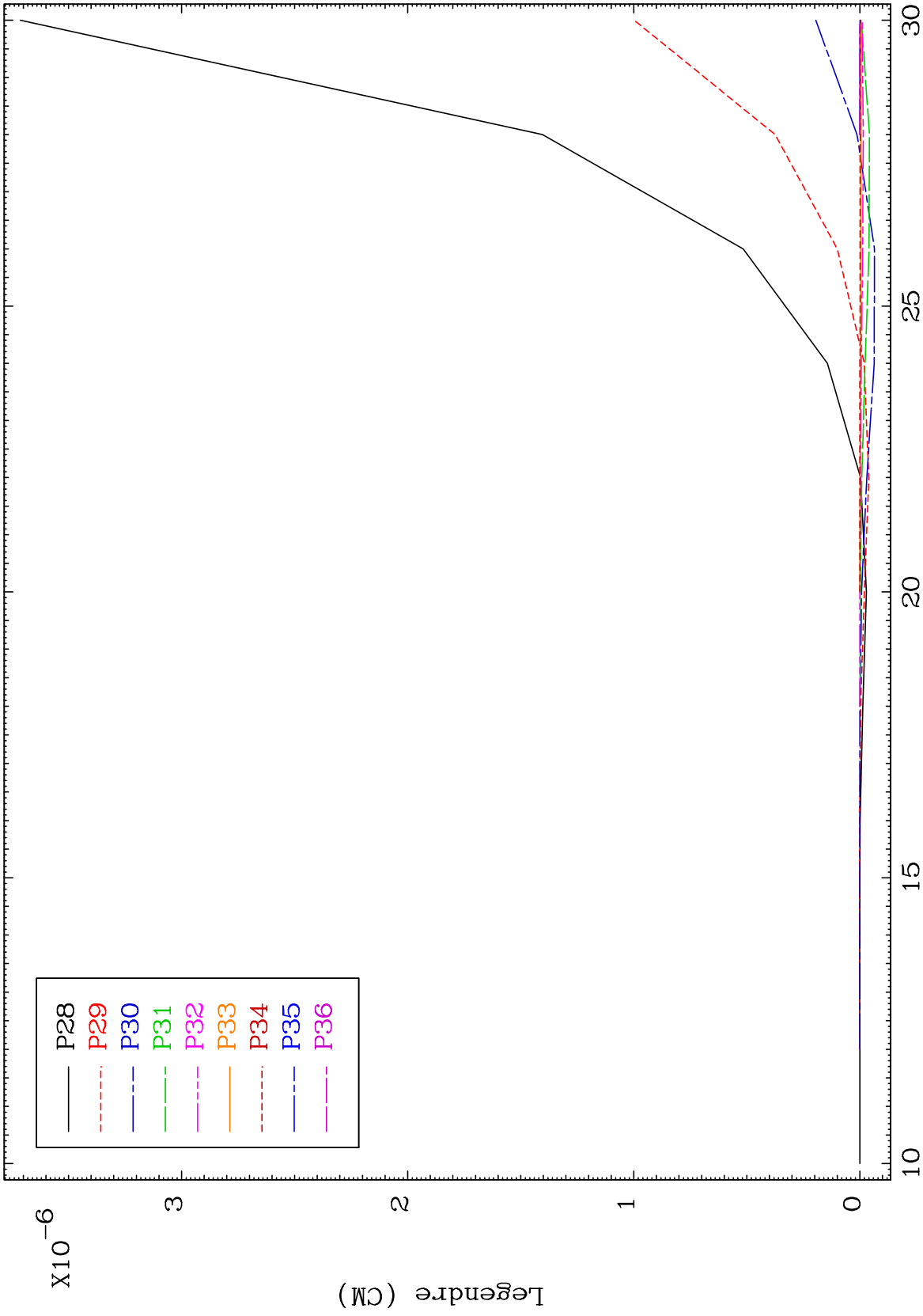
Incident Energy (MeV)

72-Hf-176

MAT 7231

Elastic
Legendre Coefficients

72-Hf-176



18

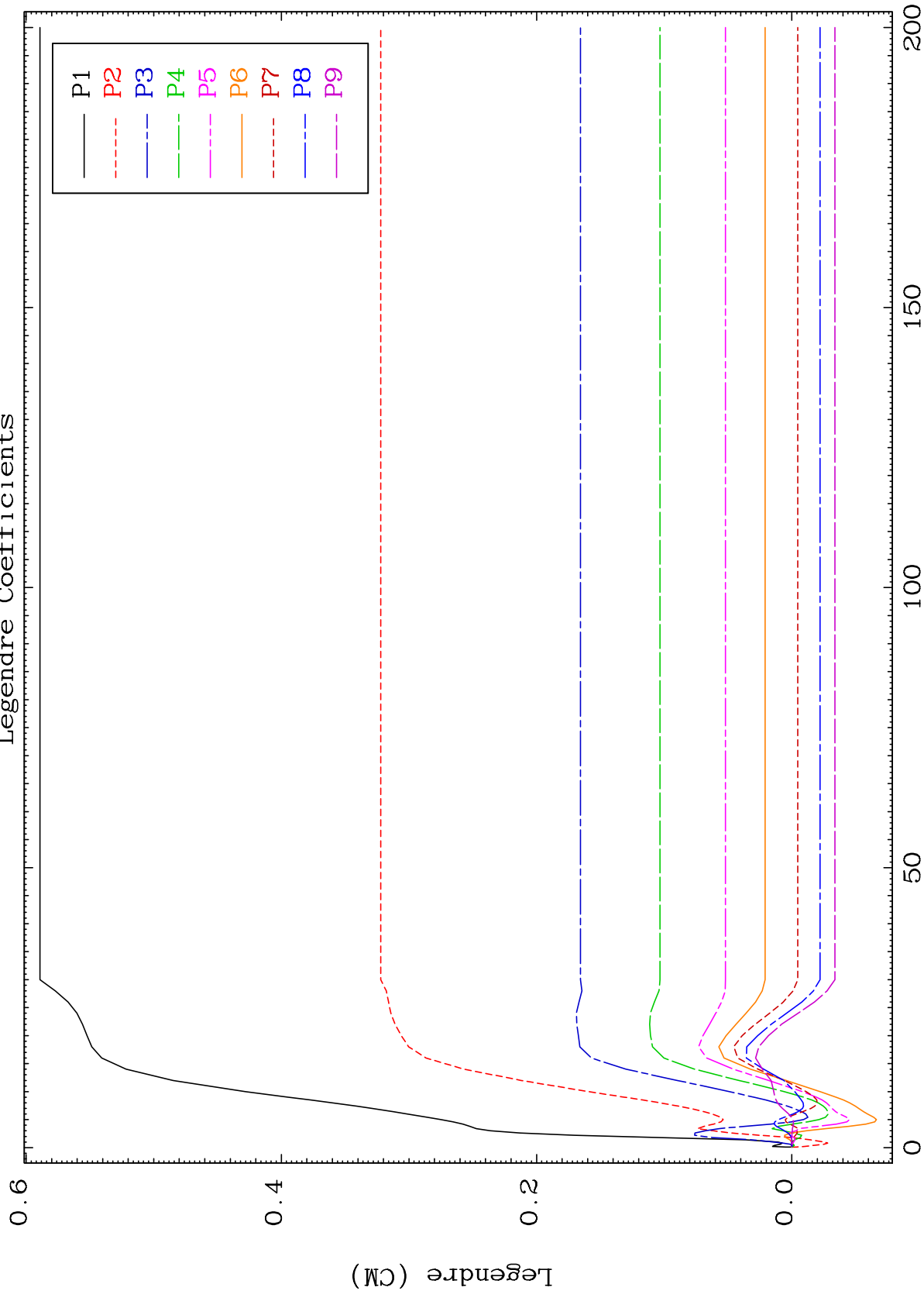
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



19

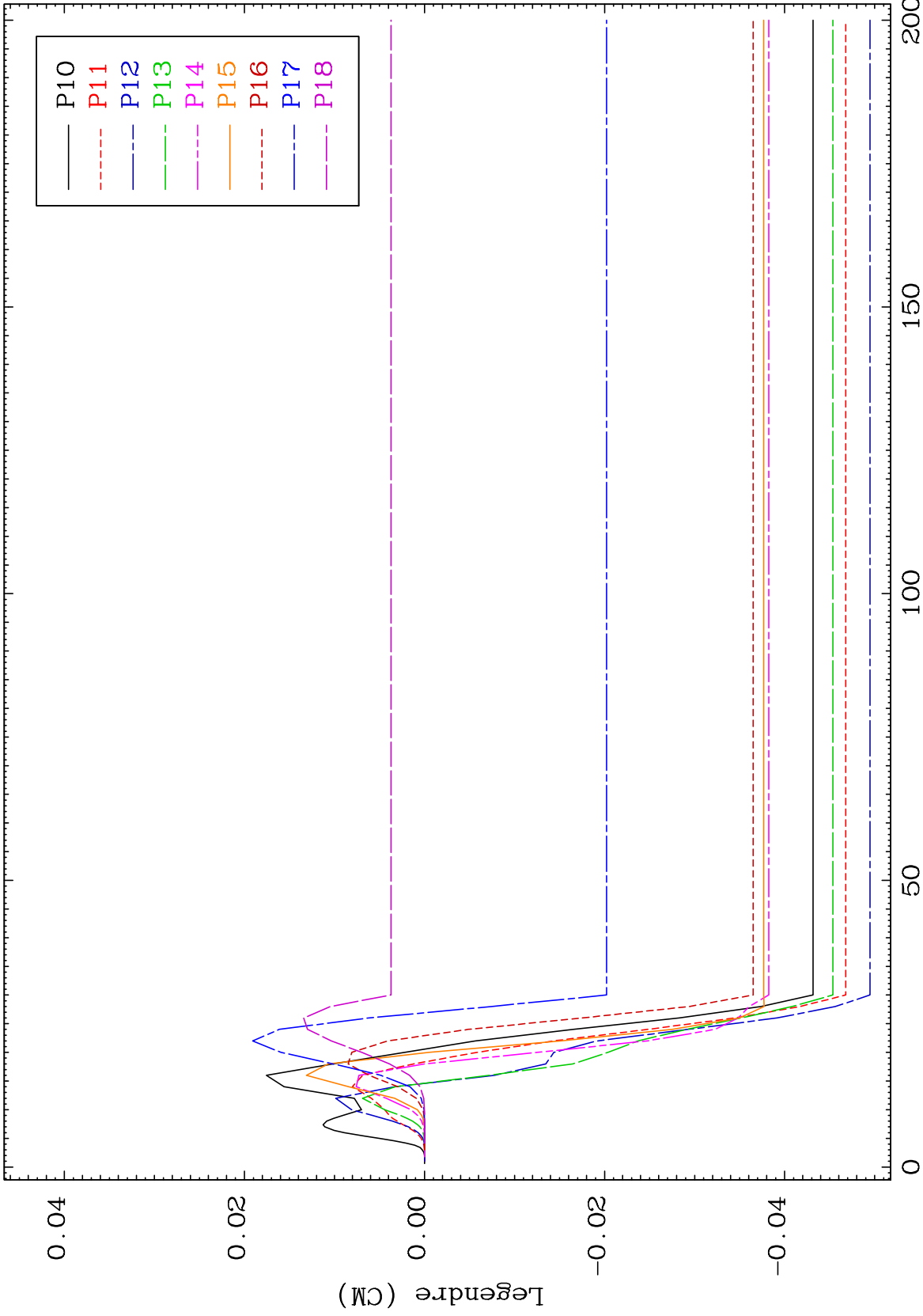
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



20

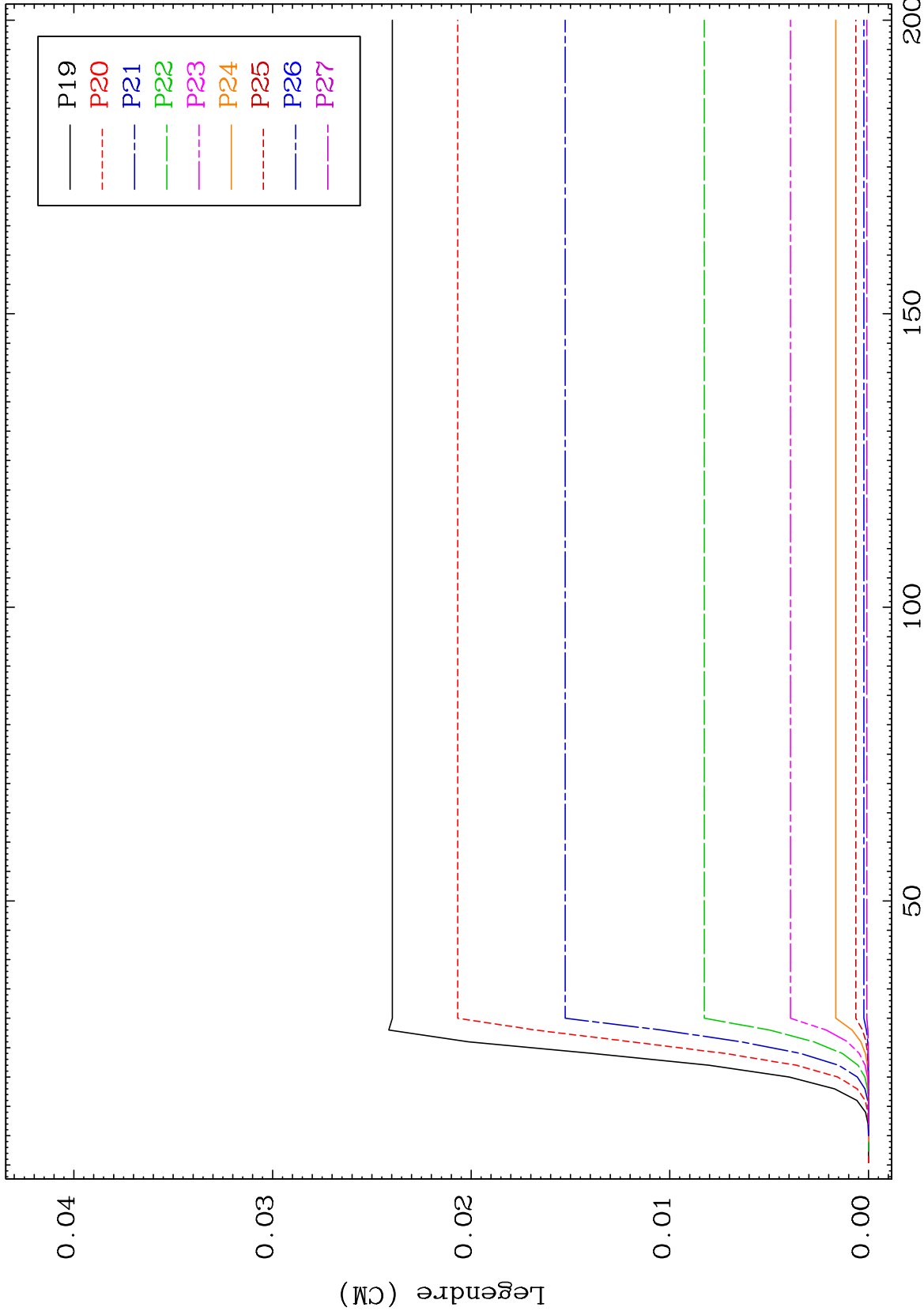
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



21

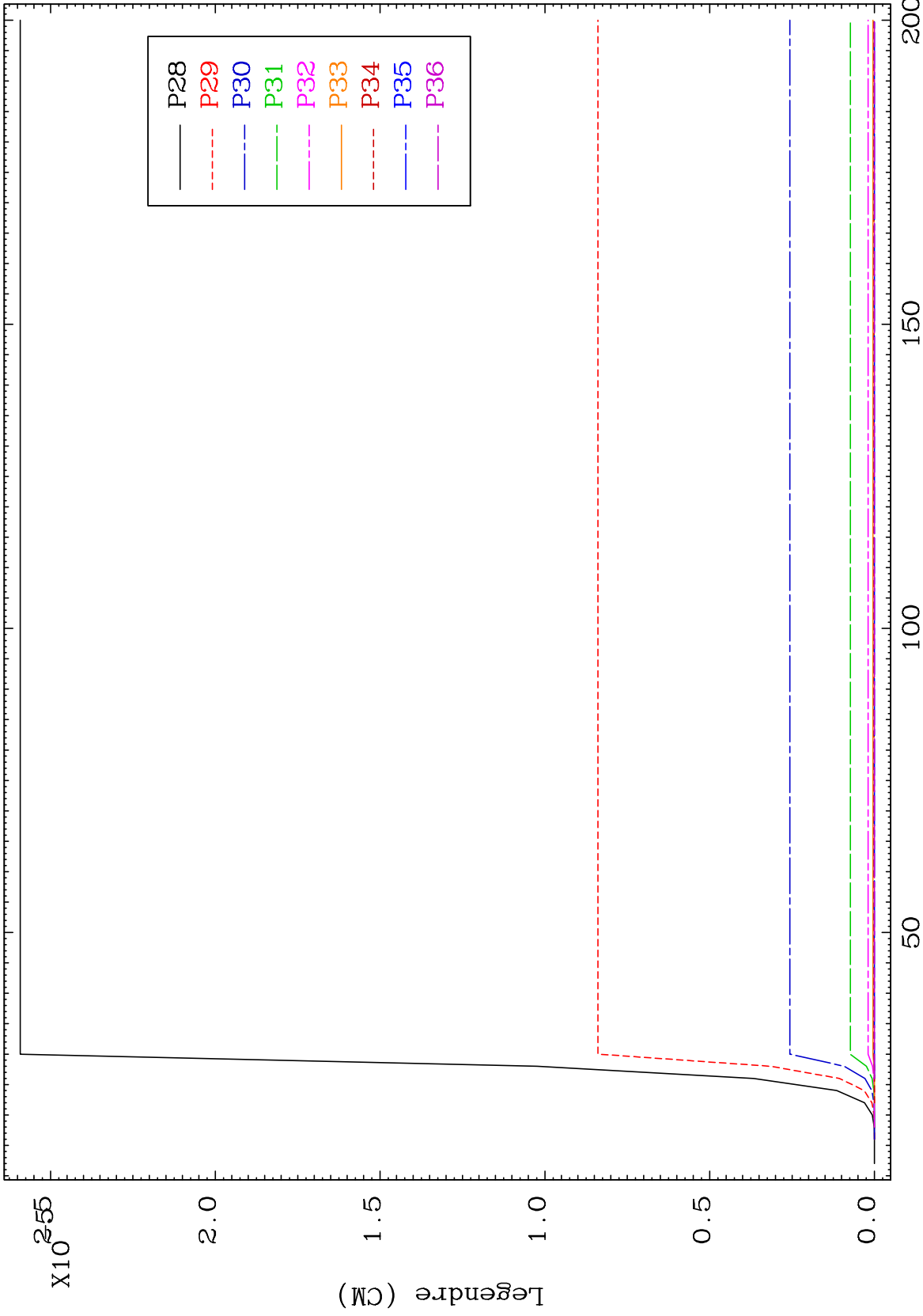
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



22

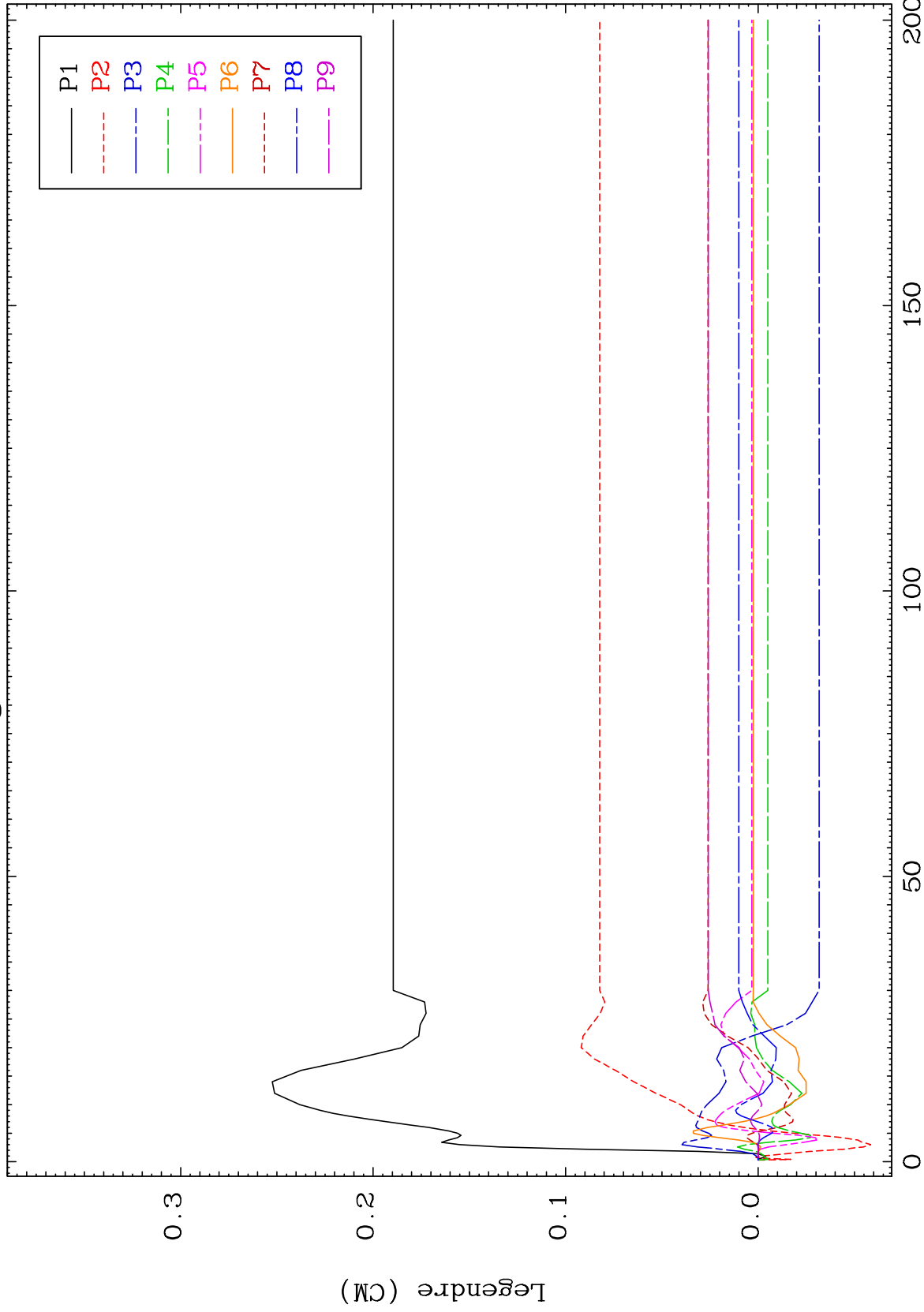
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



23

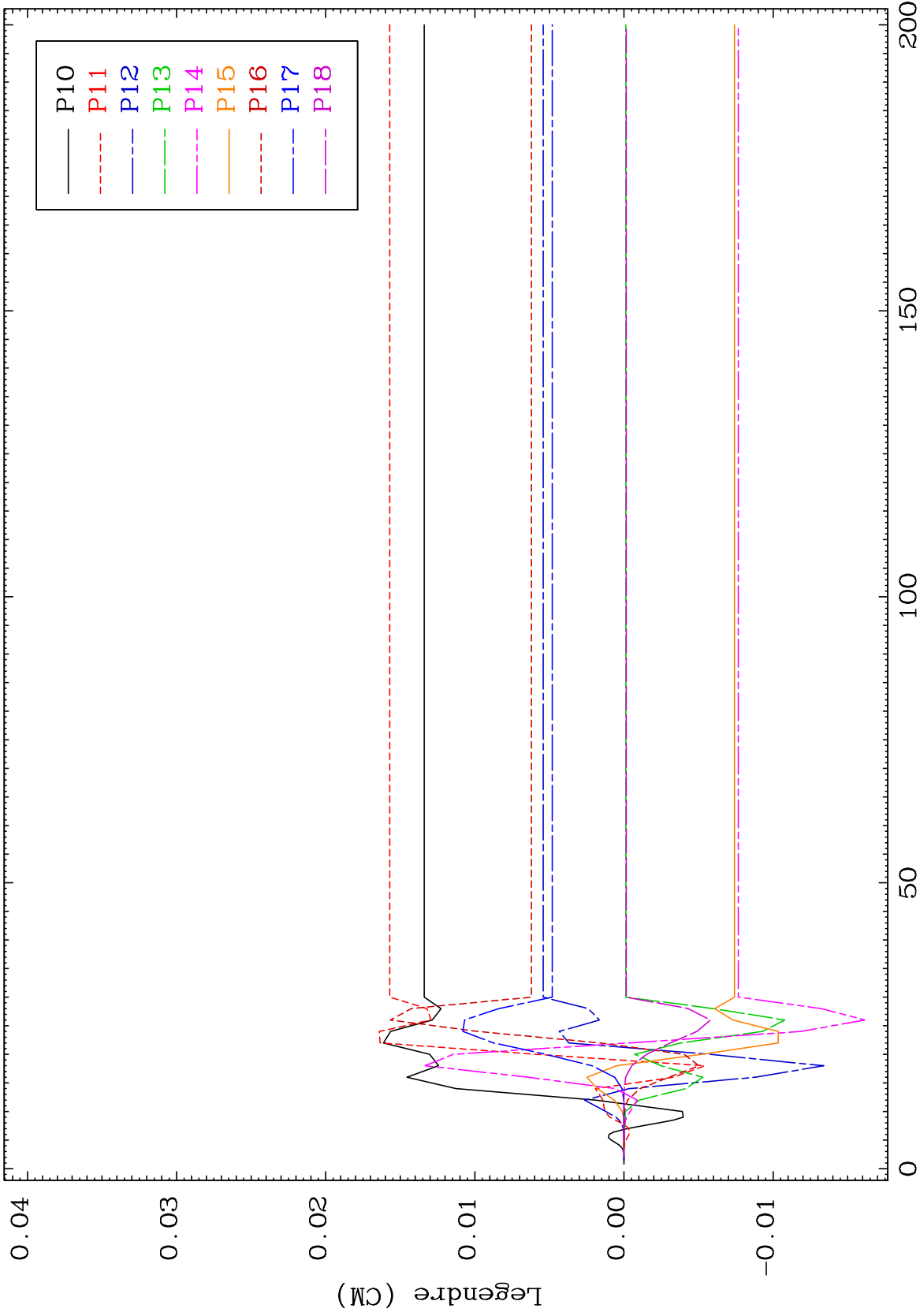
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



24

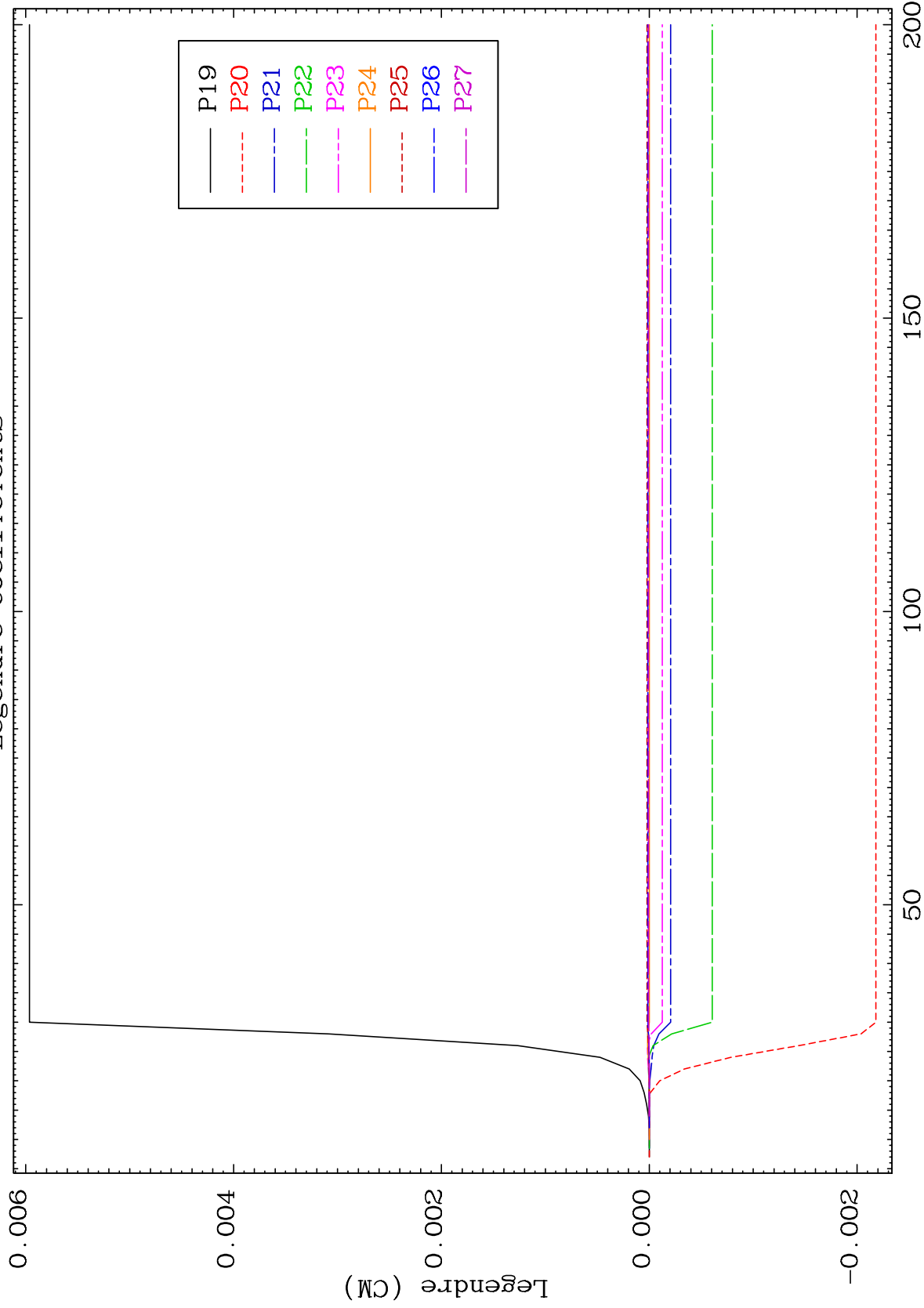
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

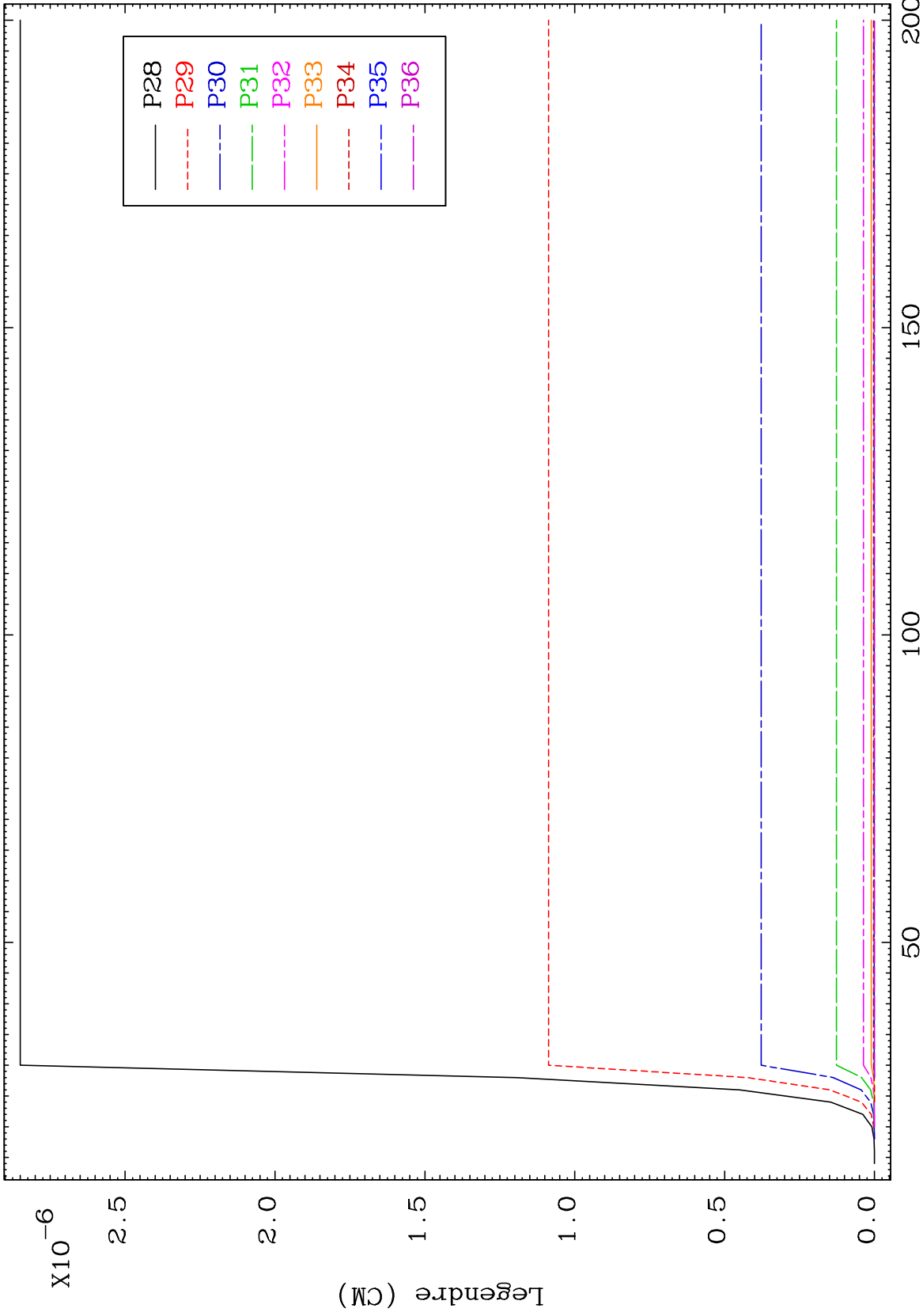
72-Hf-176



25

Incident Energy (MeV)

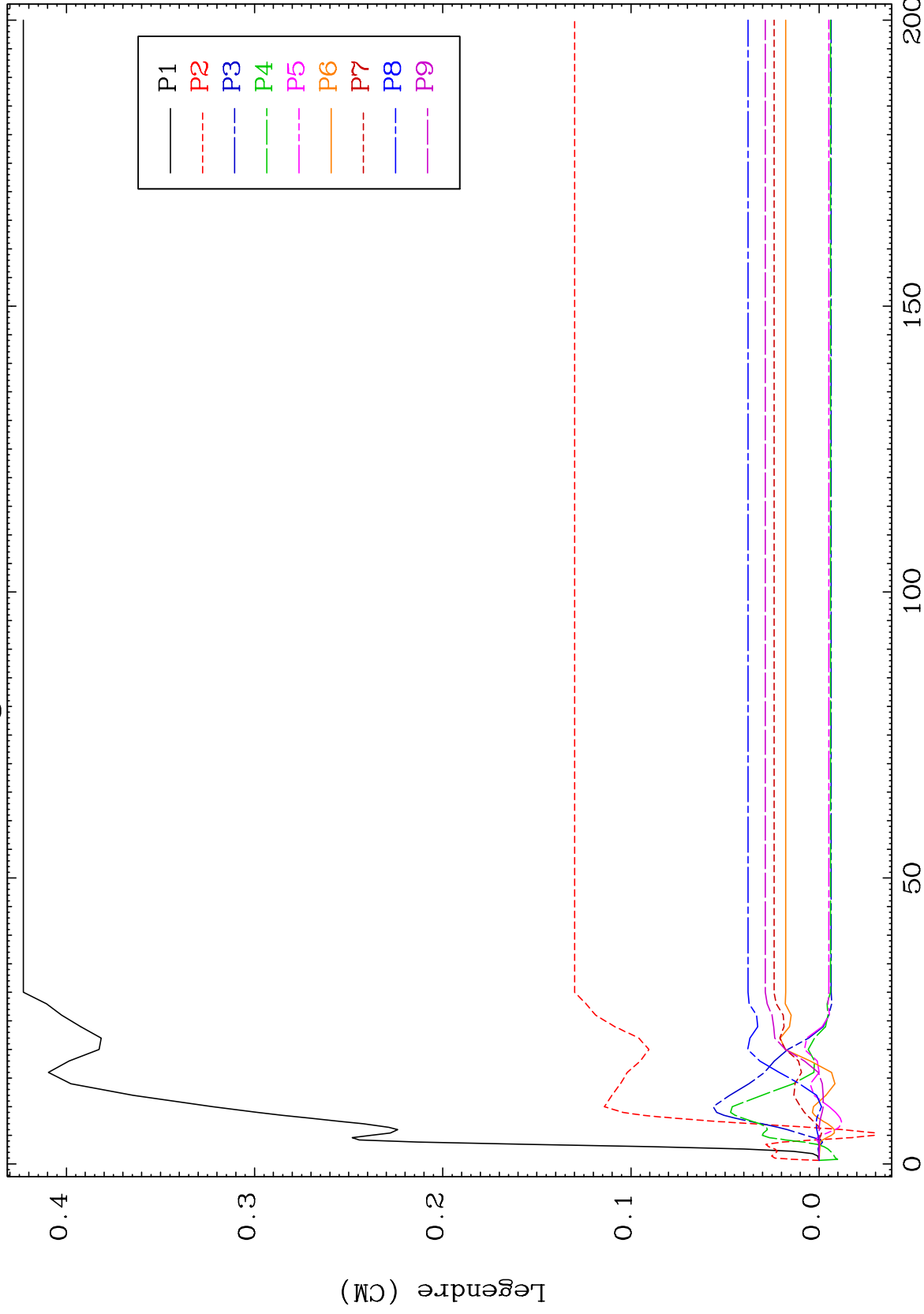
72-Hf-176



MAT 7231

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

72-Hf-176



27

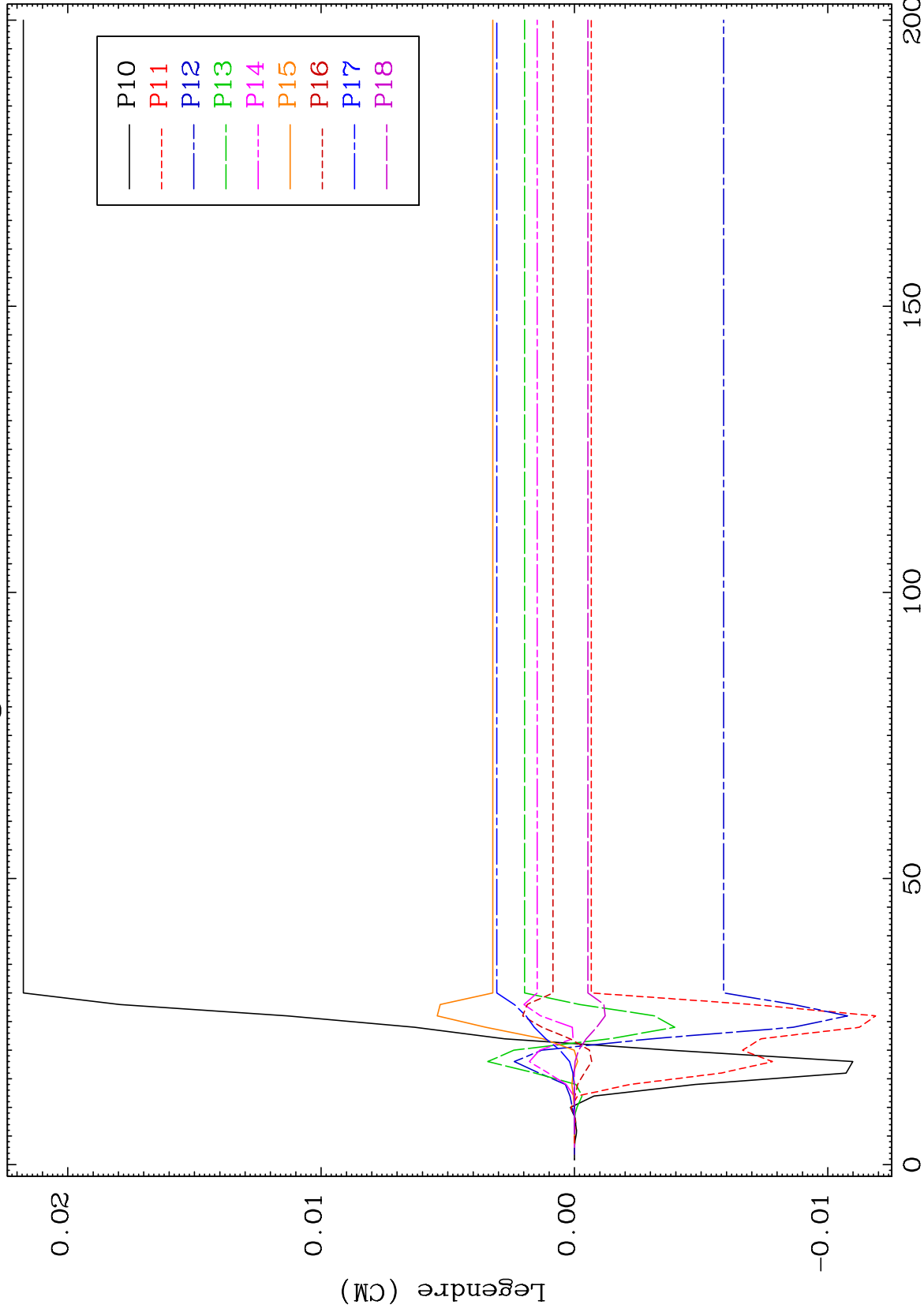
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



28

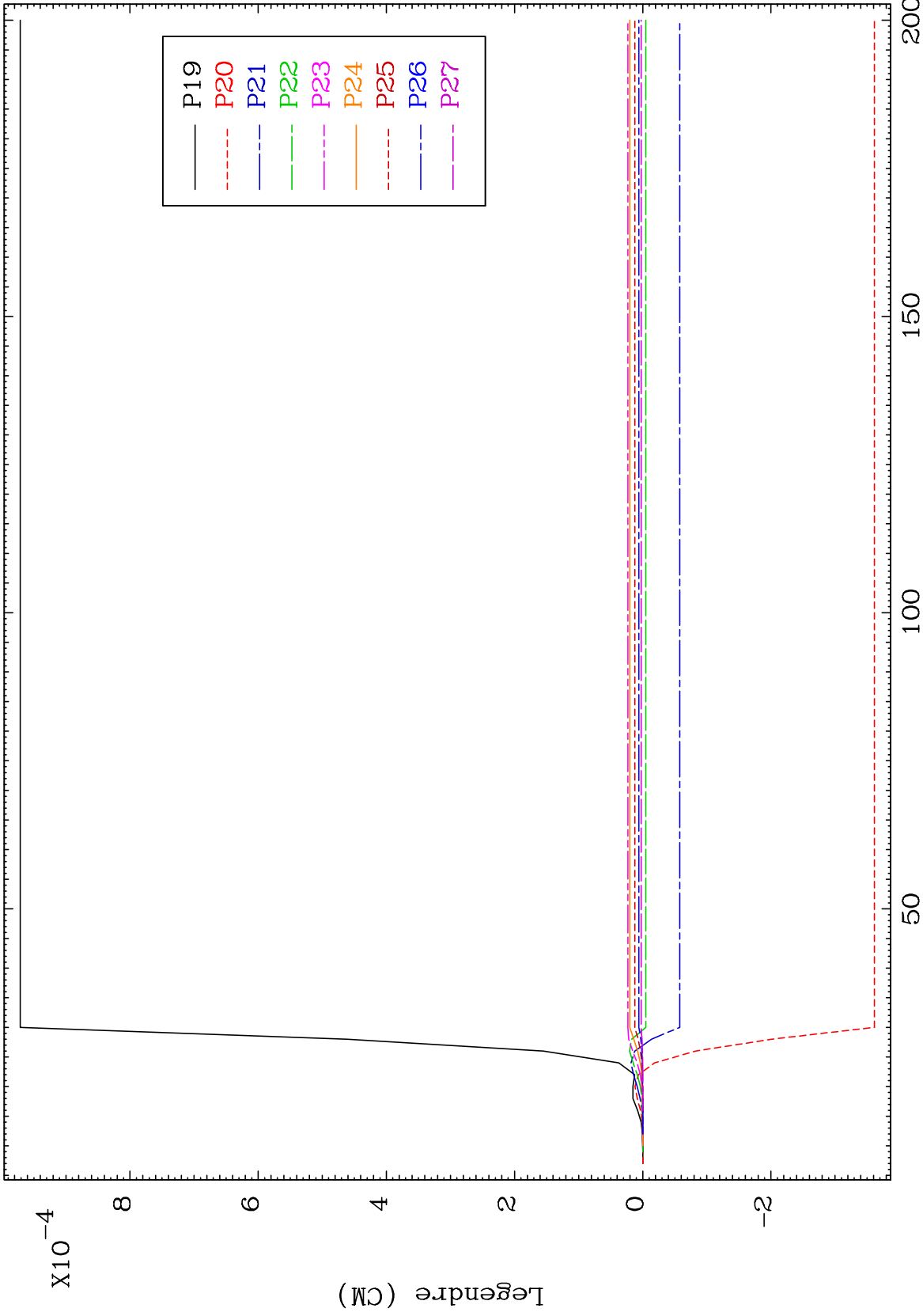
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



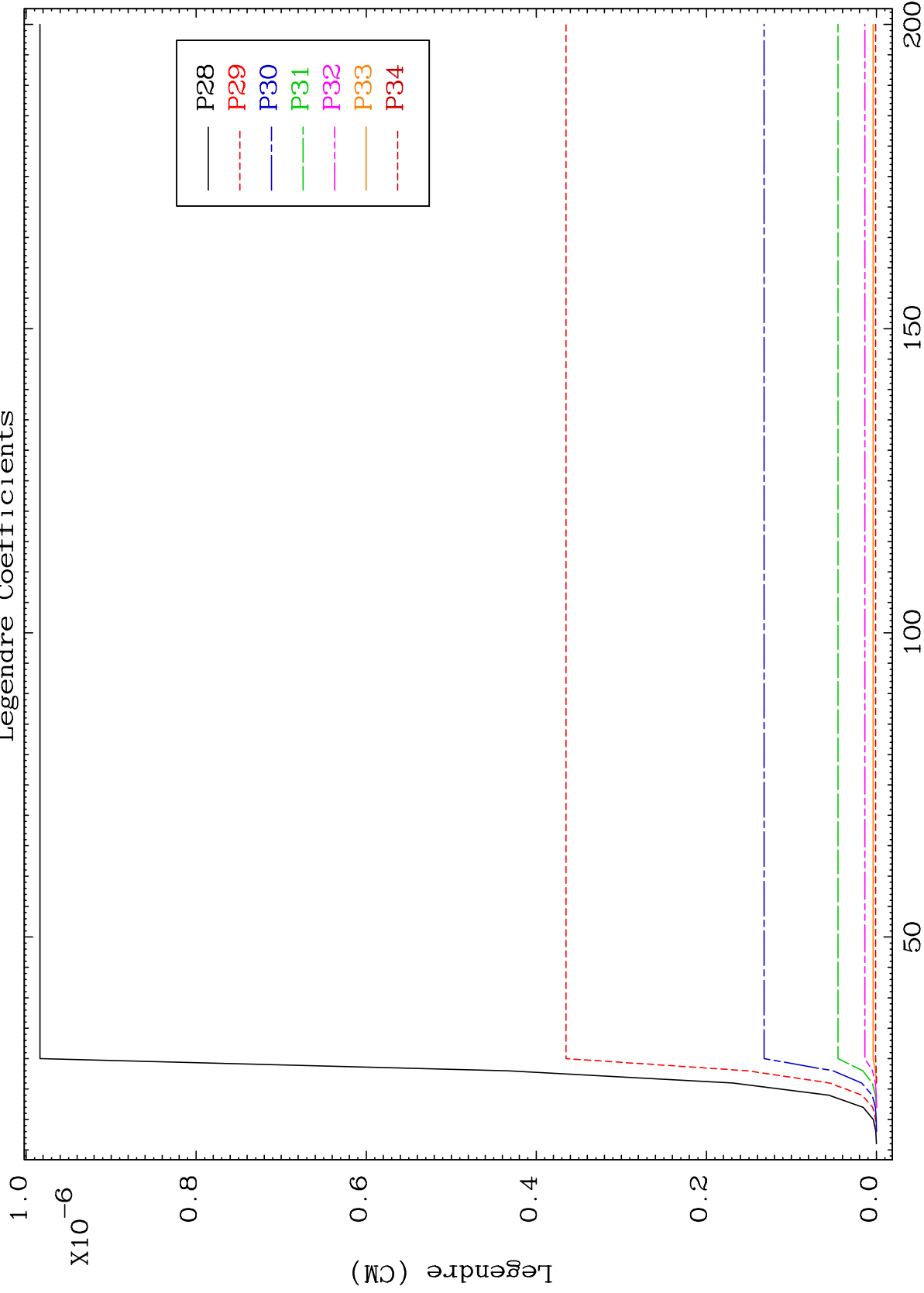
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72-Hf-176

MAT 7231

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

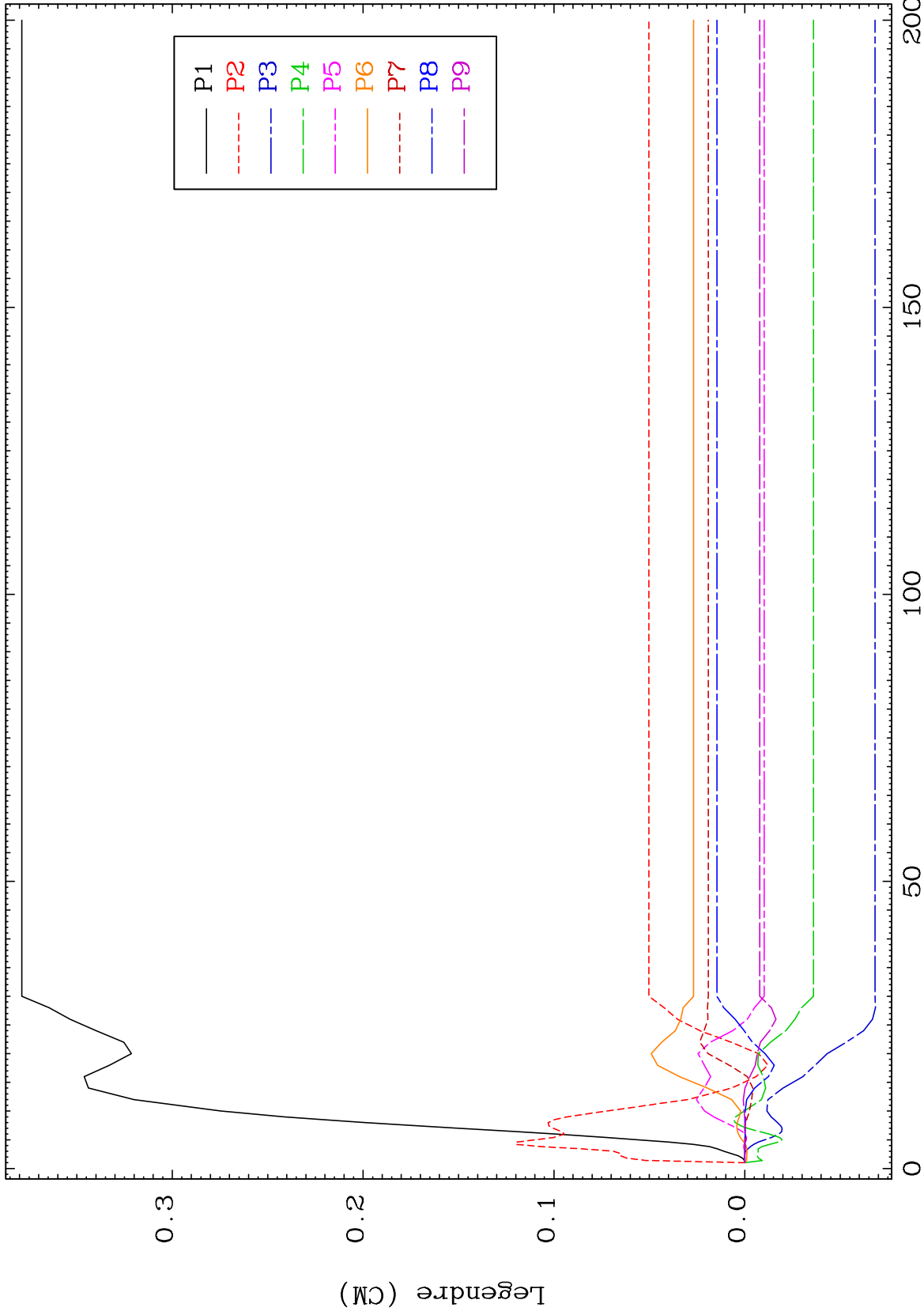
72-Hf-176



30

Incident Energy (MeV)

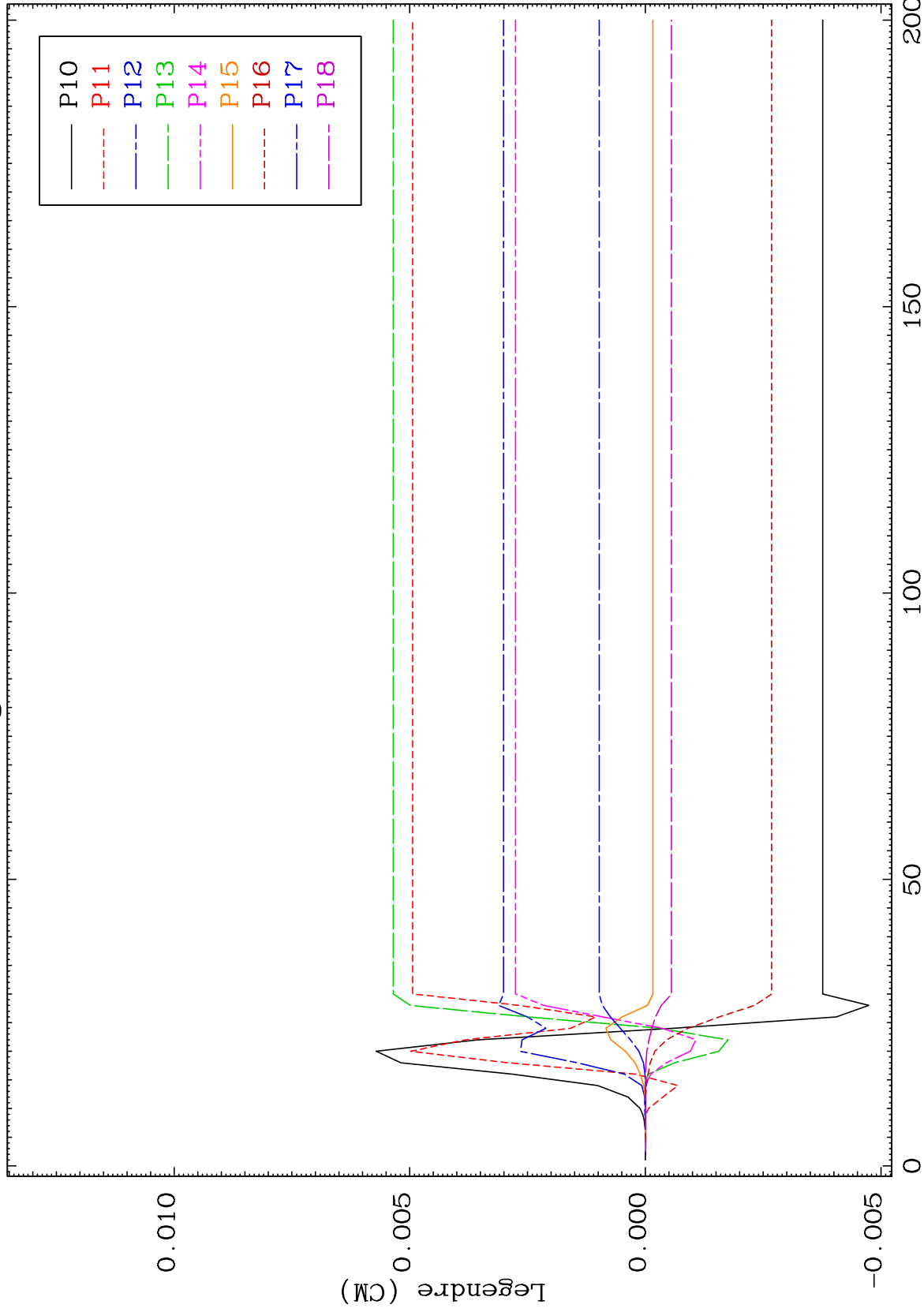
72-Hf-176



MAT 7231

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

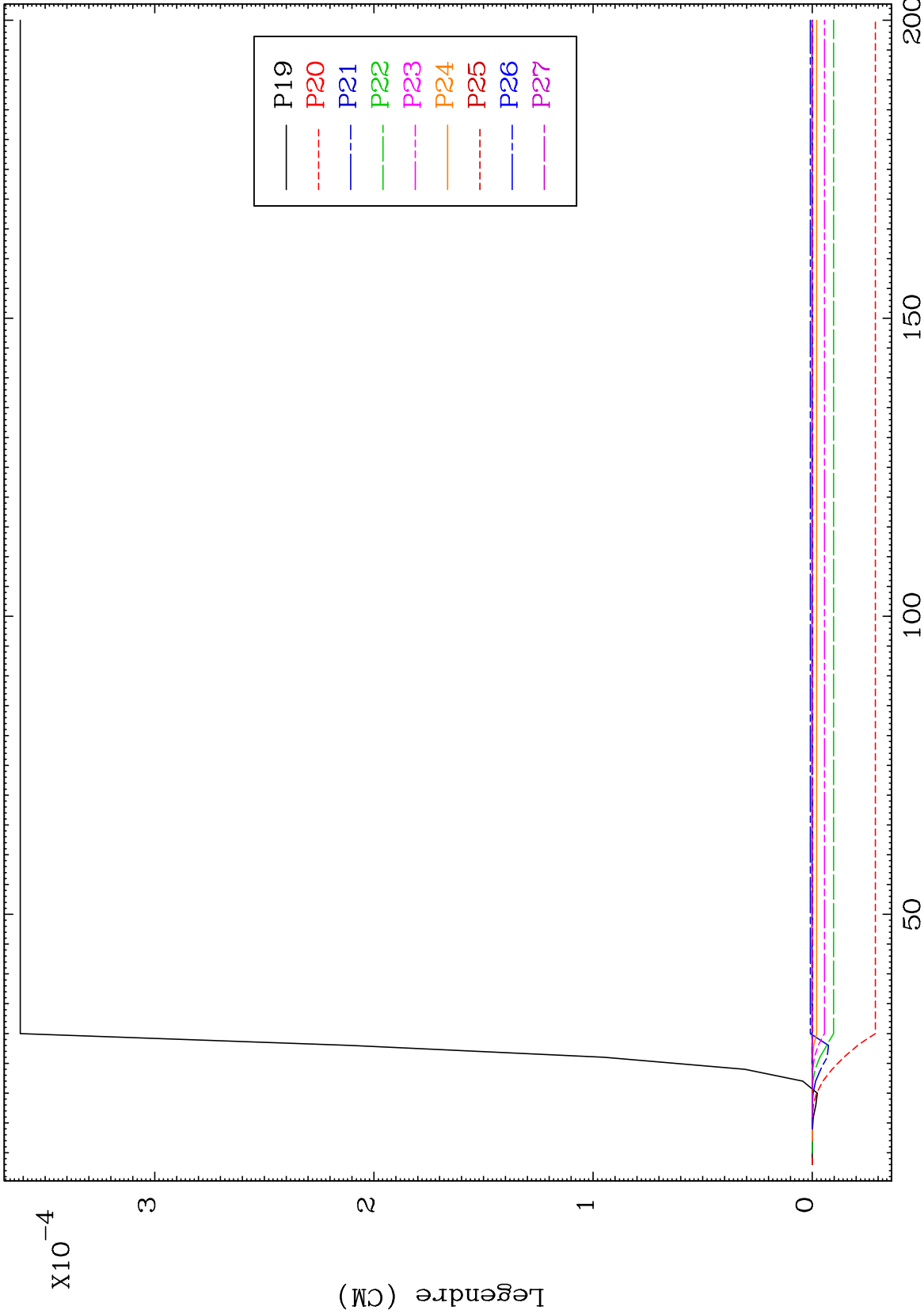
72-Hf-176



32

Incident Energy (MeV)

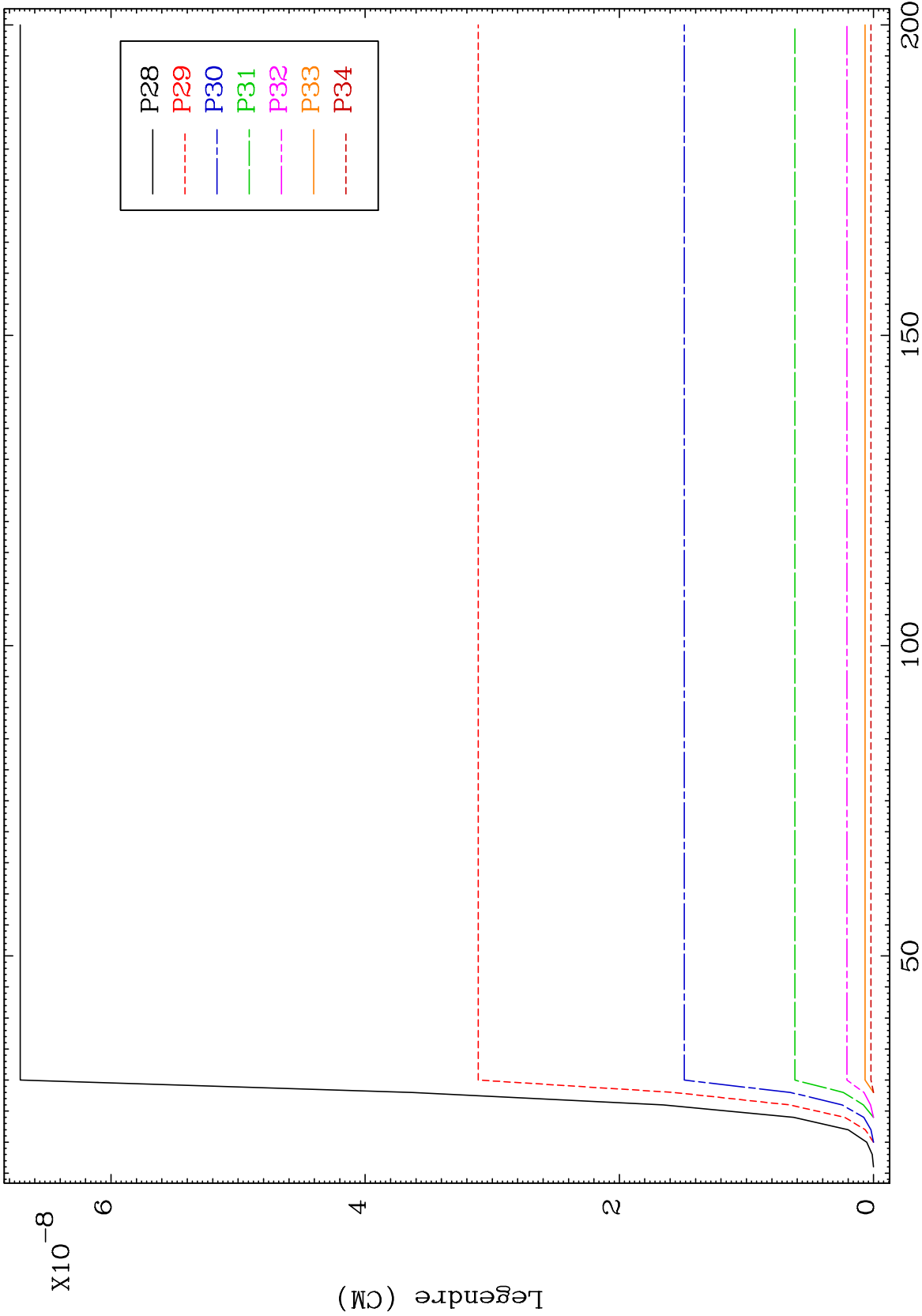
72-Hf-176



MAT 7231

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

72-Hf-176



34

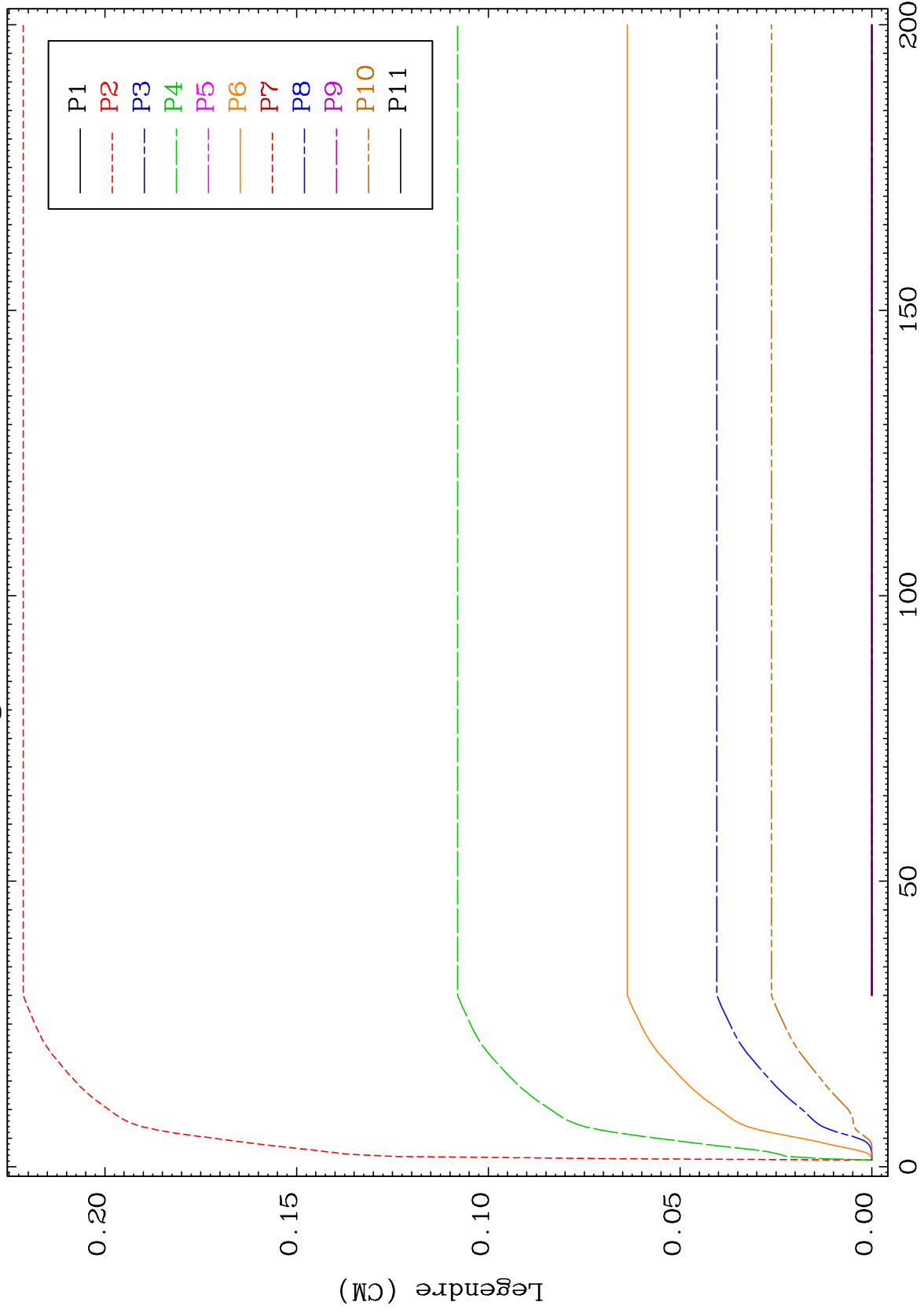
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



35

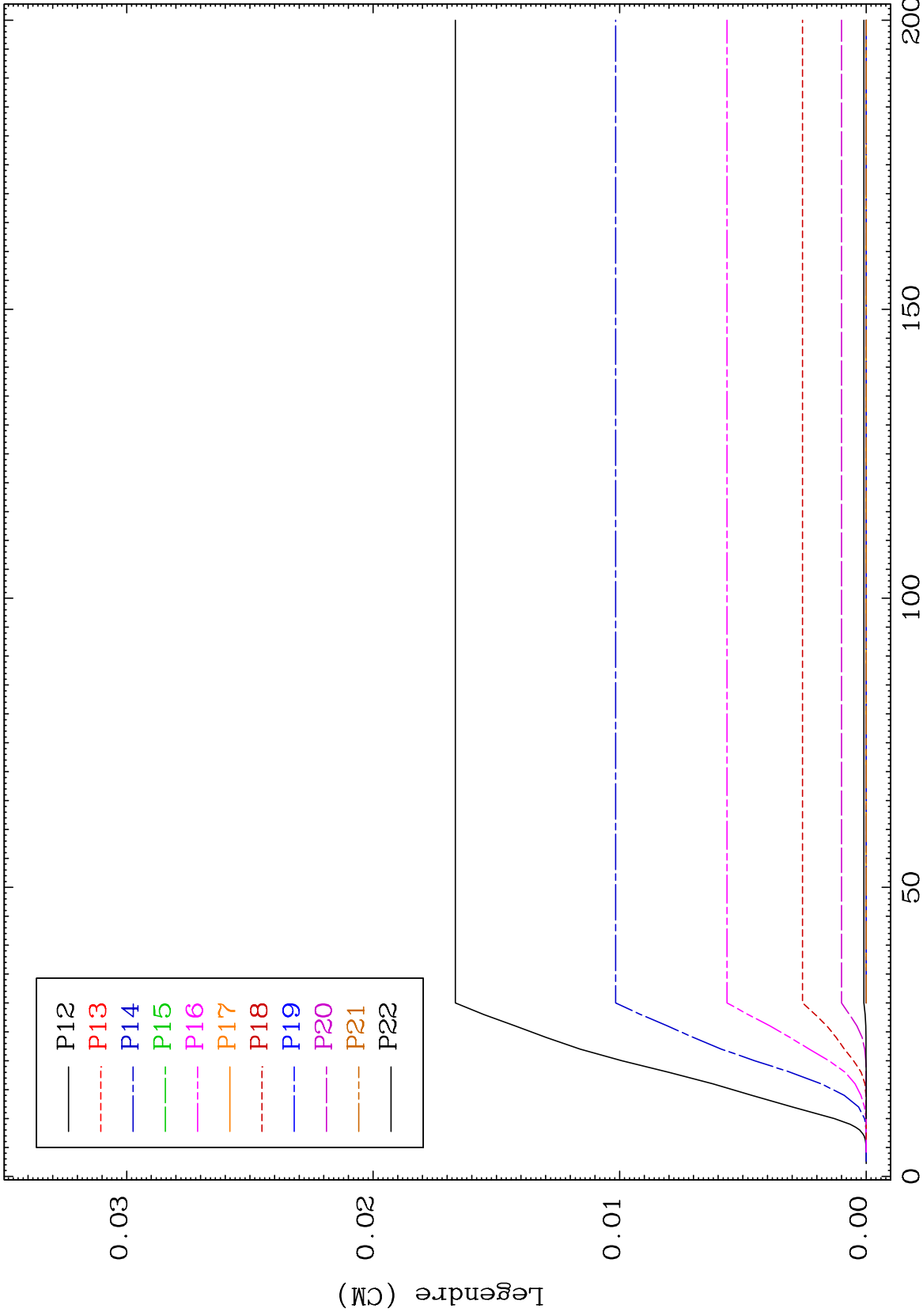
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



36

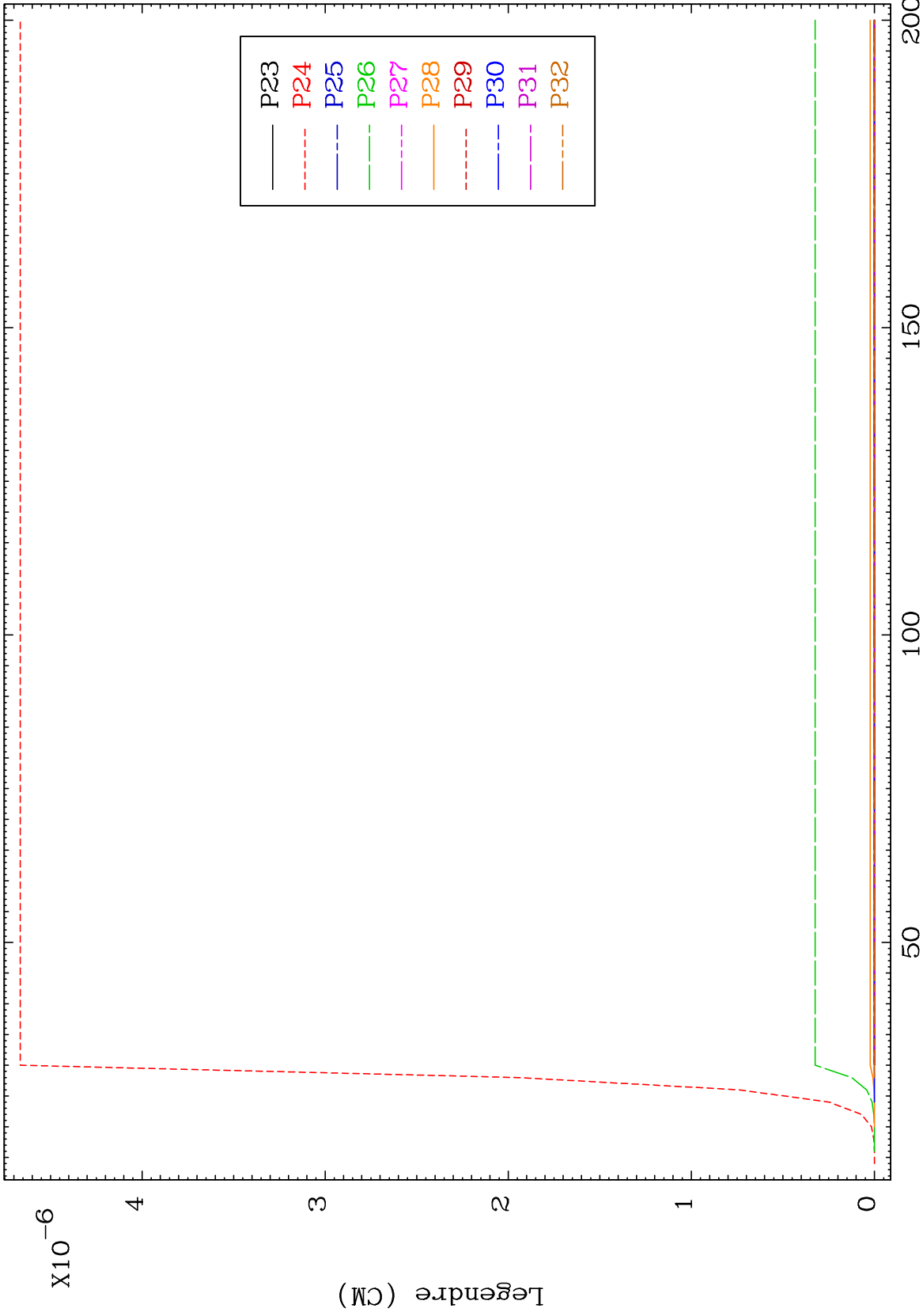
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



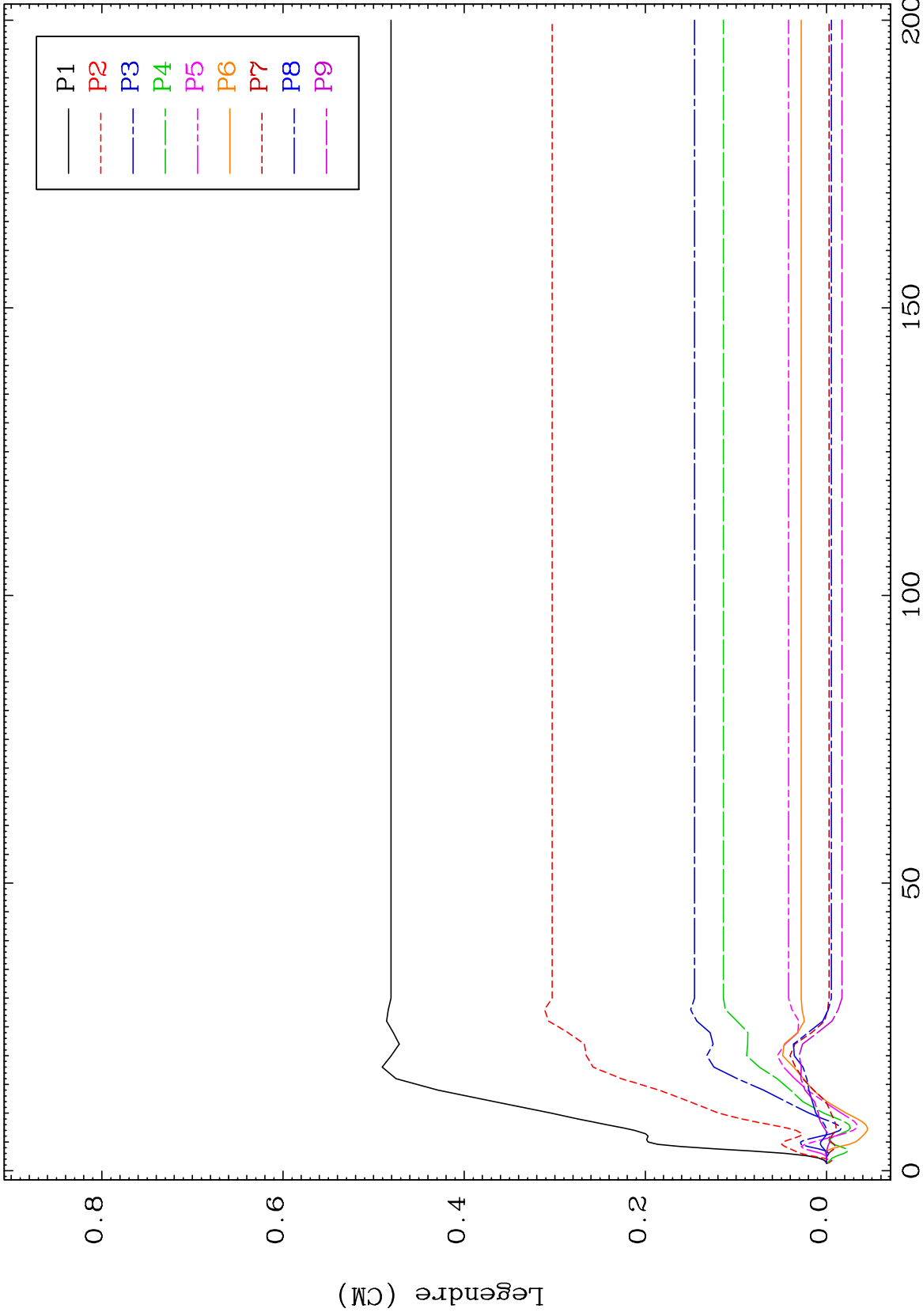
37

72-Hf-176

MAT 7231

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

72-Hf-176



38

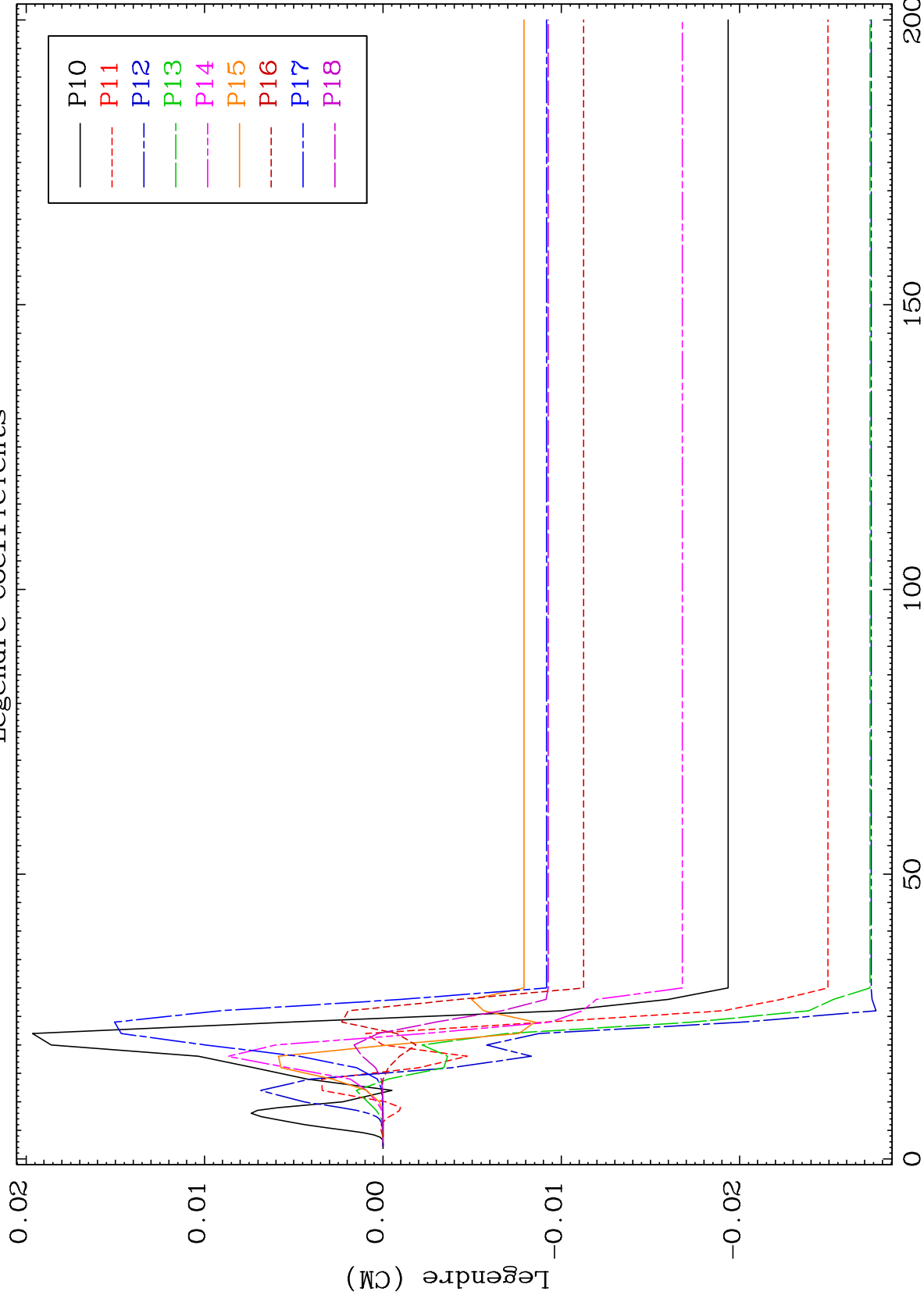
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



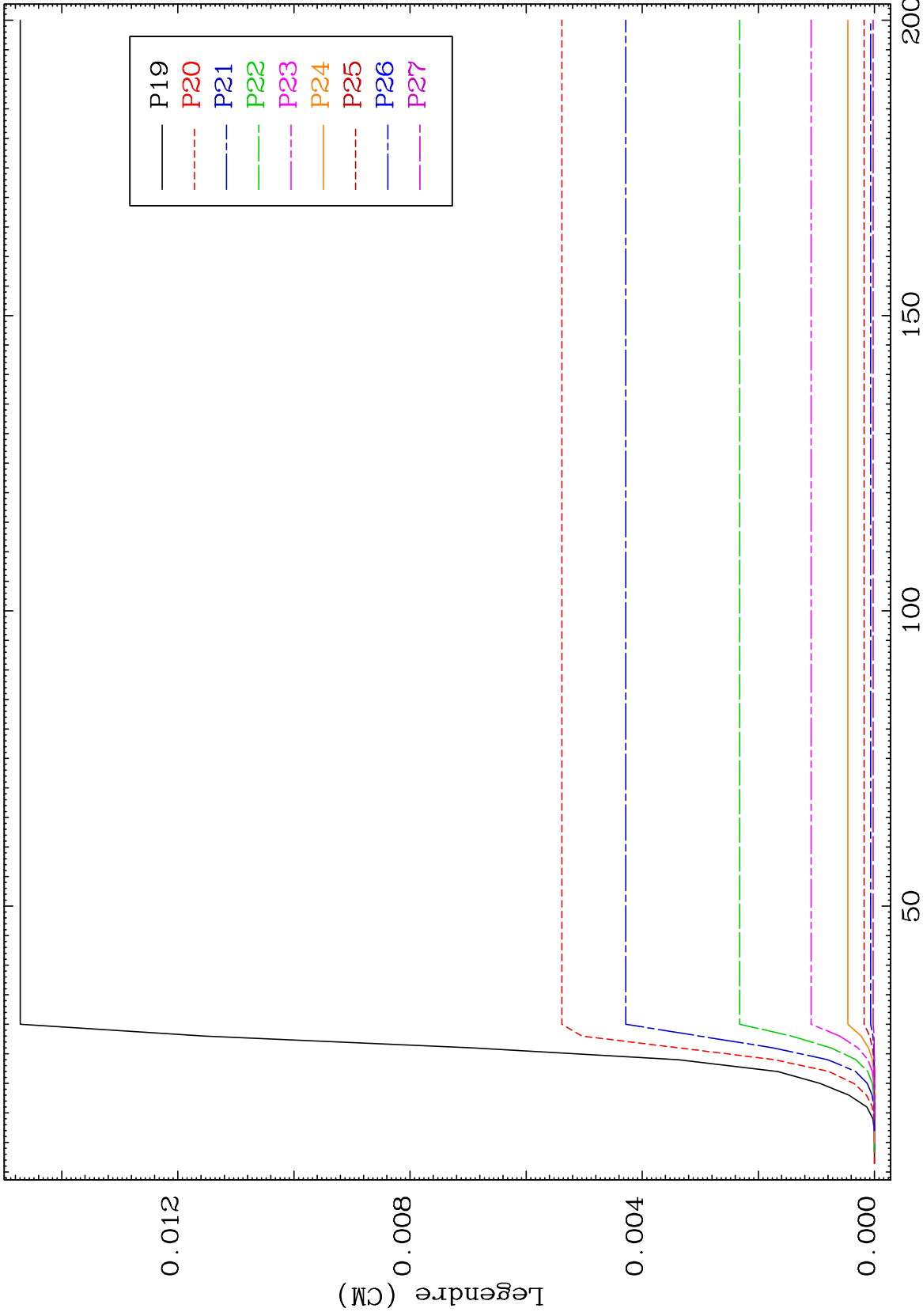
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72-Hf-176

MAT 7231

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

72-Hf-176



40

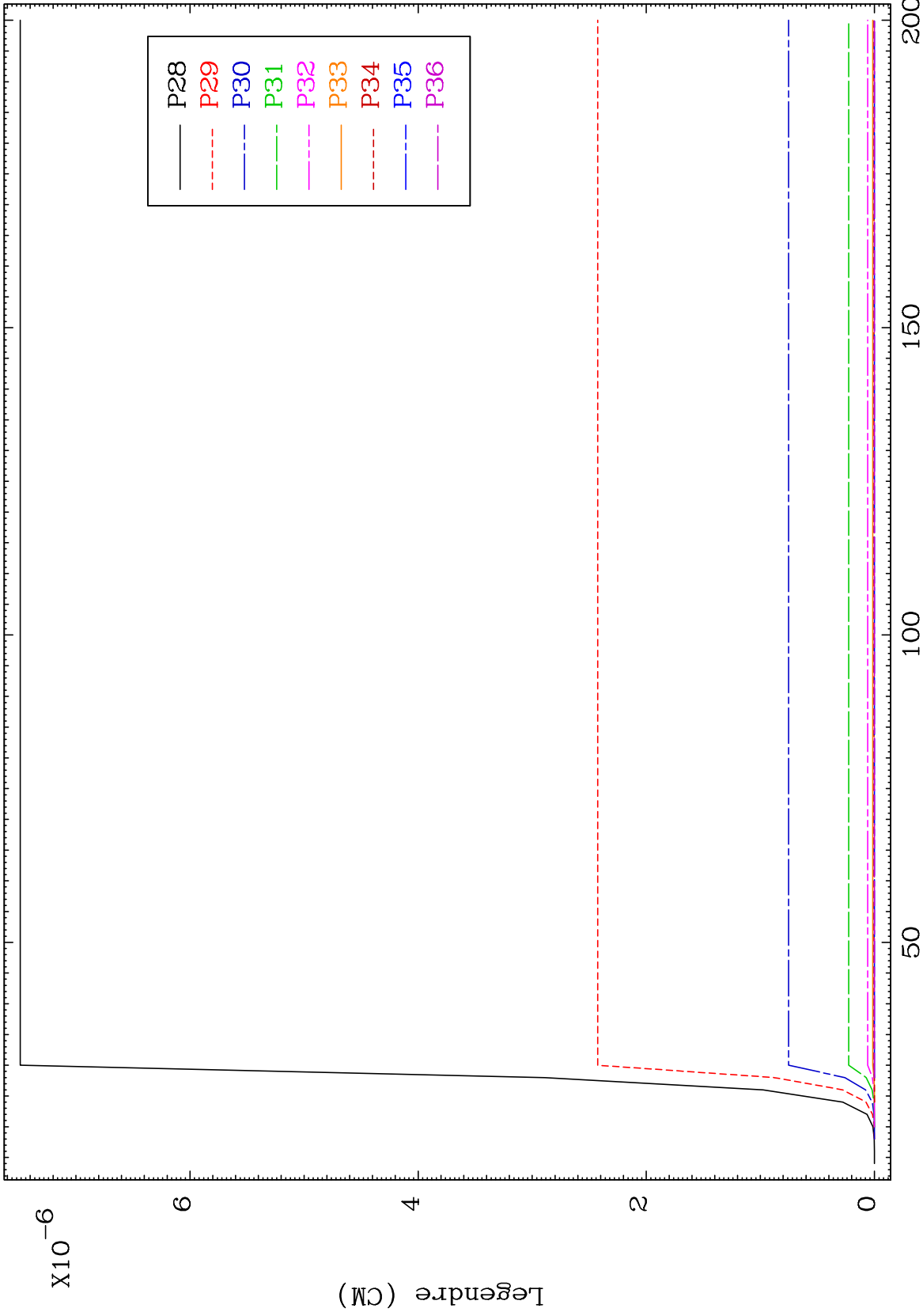
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



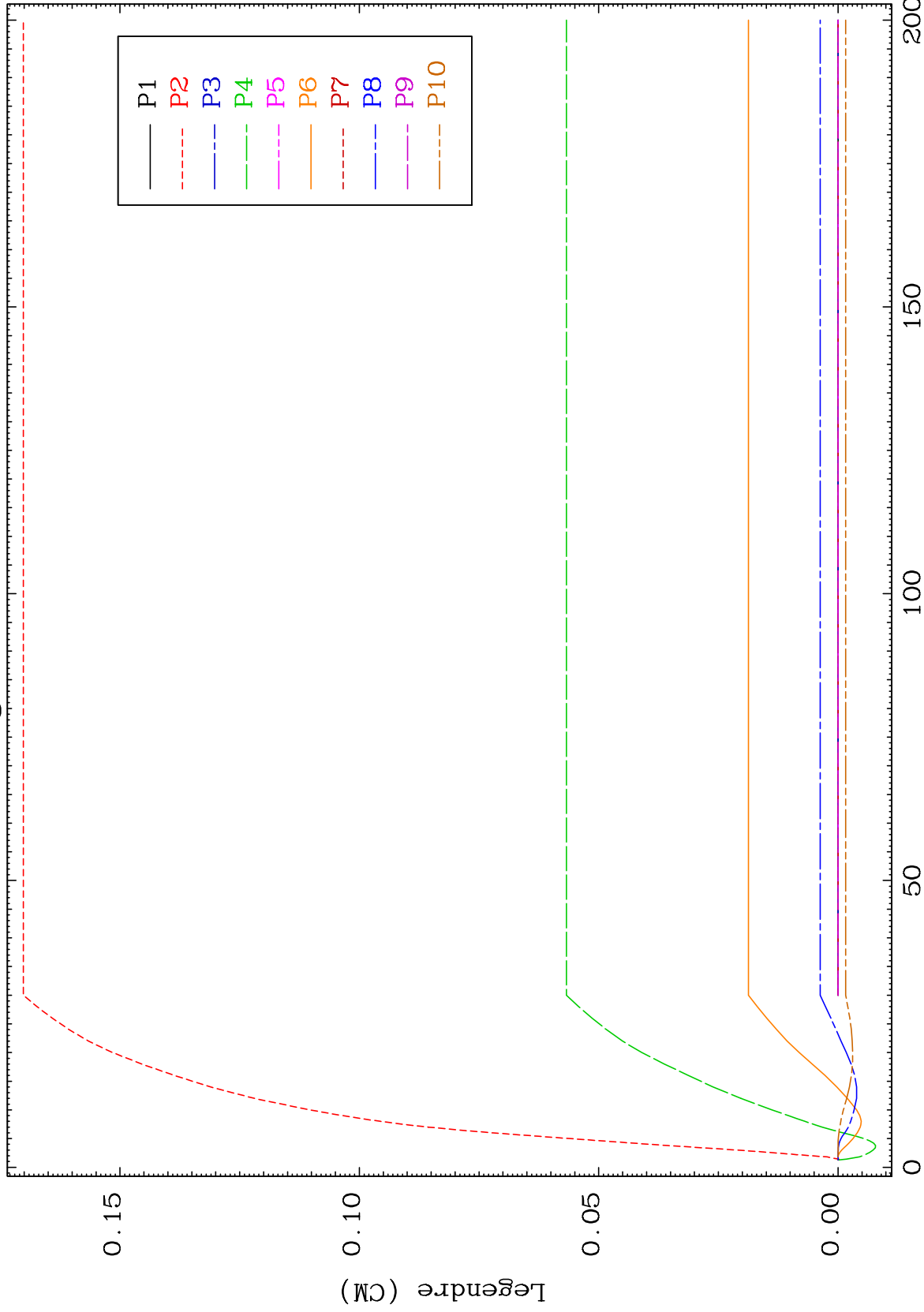
41

72-Hf-176

MAT 7231

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

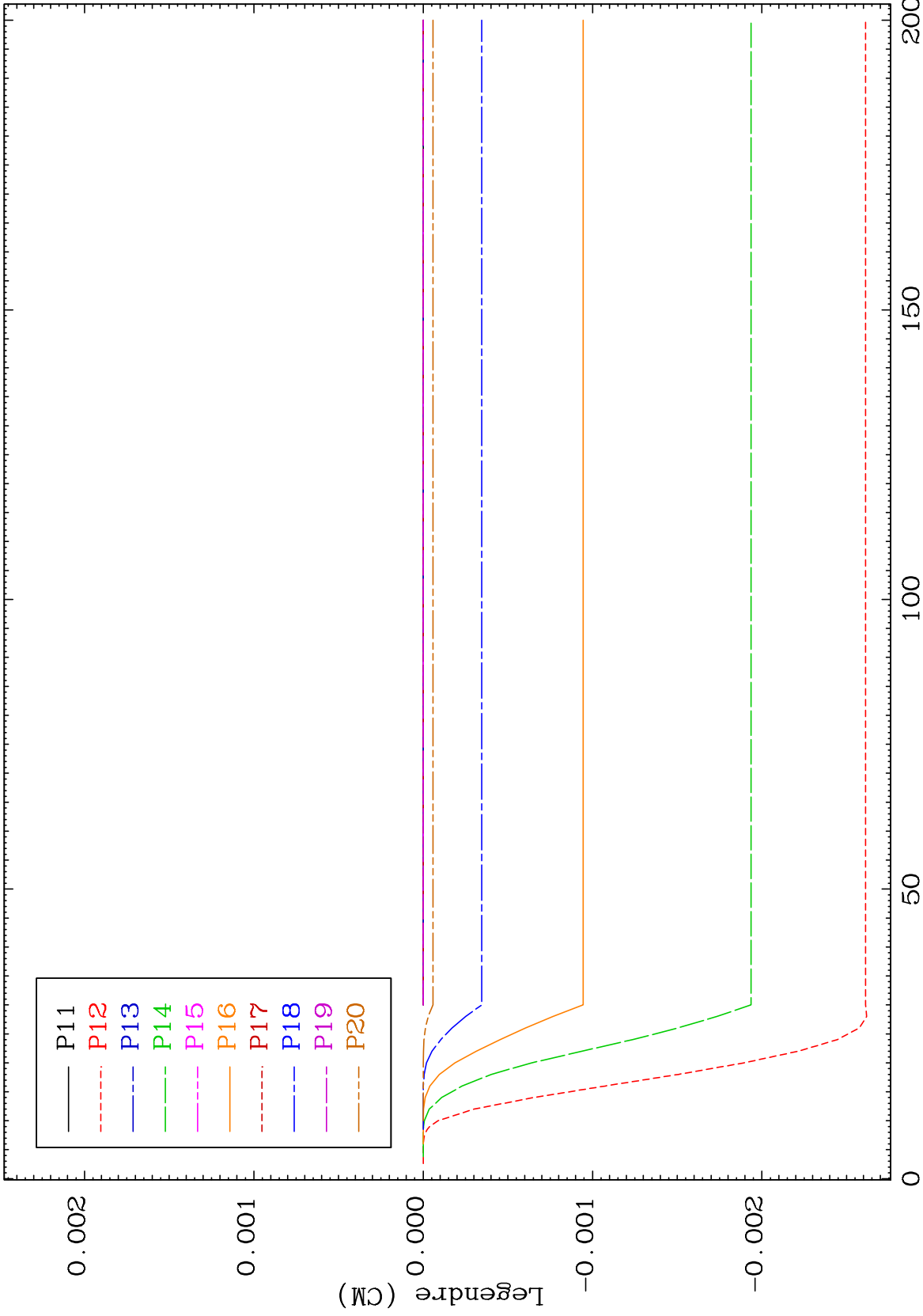
72-Hf-176



42

Incident Energy (MeV)

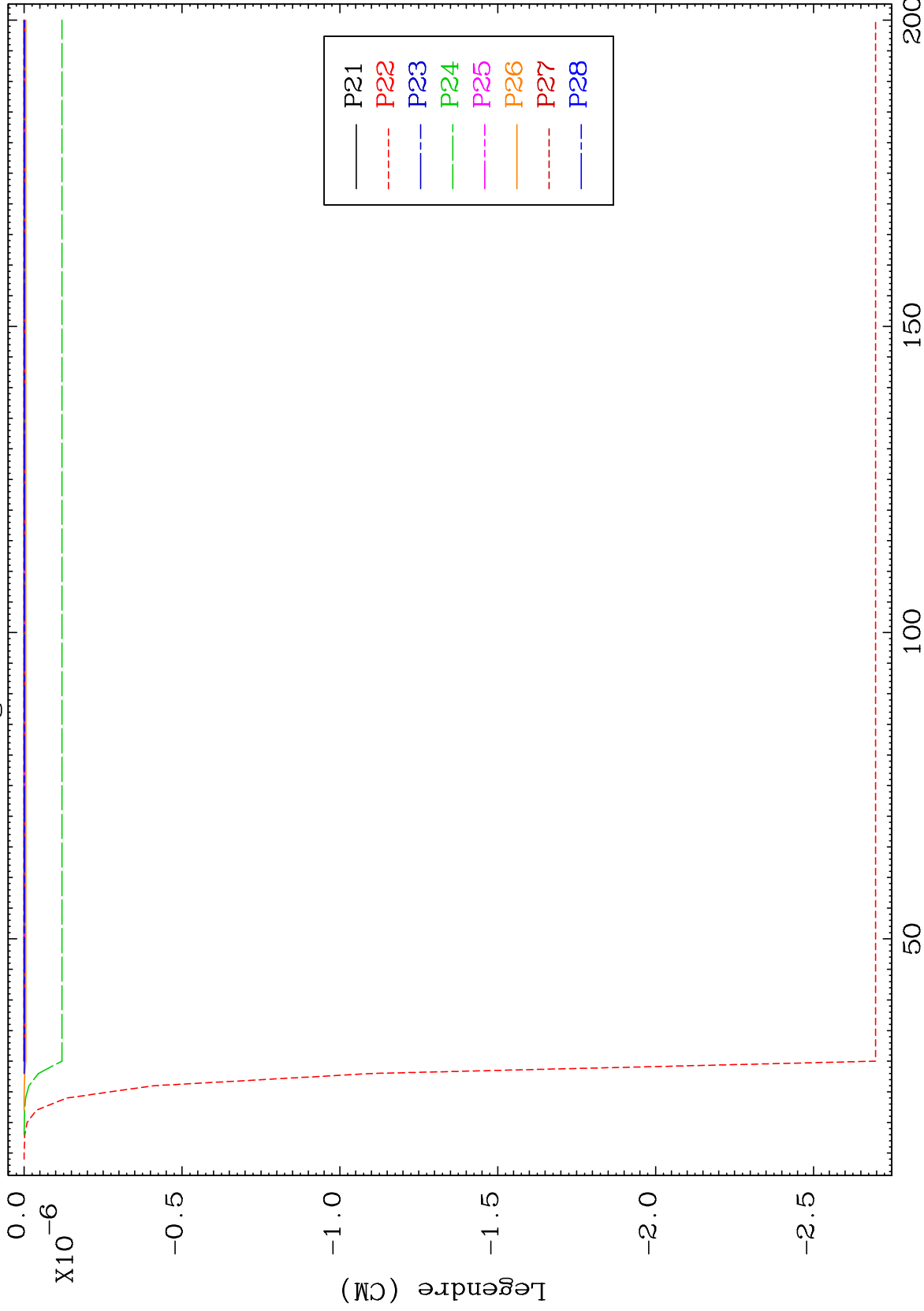
72-Hf-176



MAT 7231

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

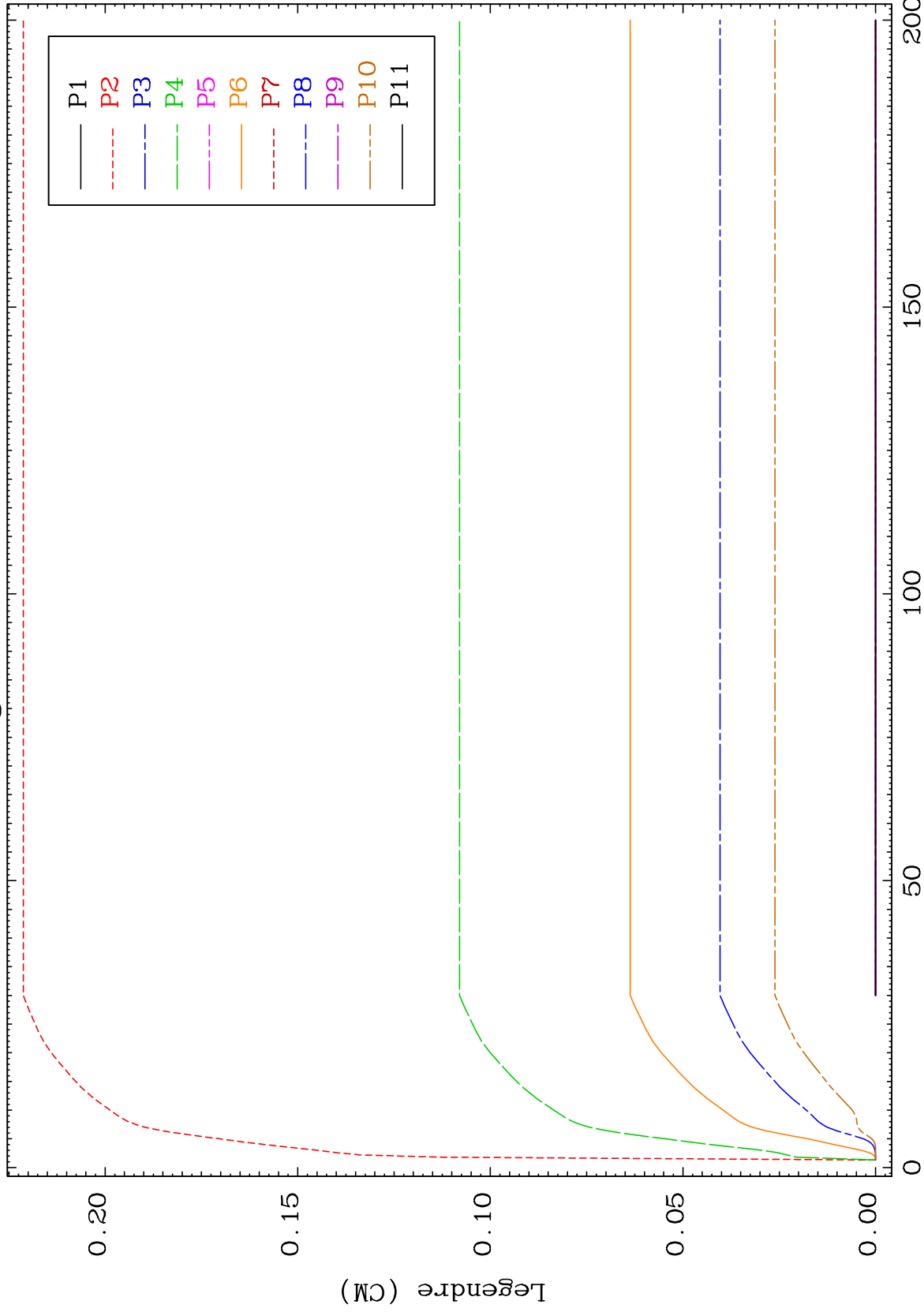
72-Hf-176



MAT 7231

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

72-Hf-176



45

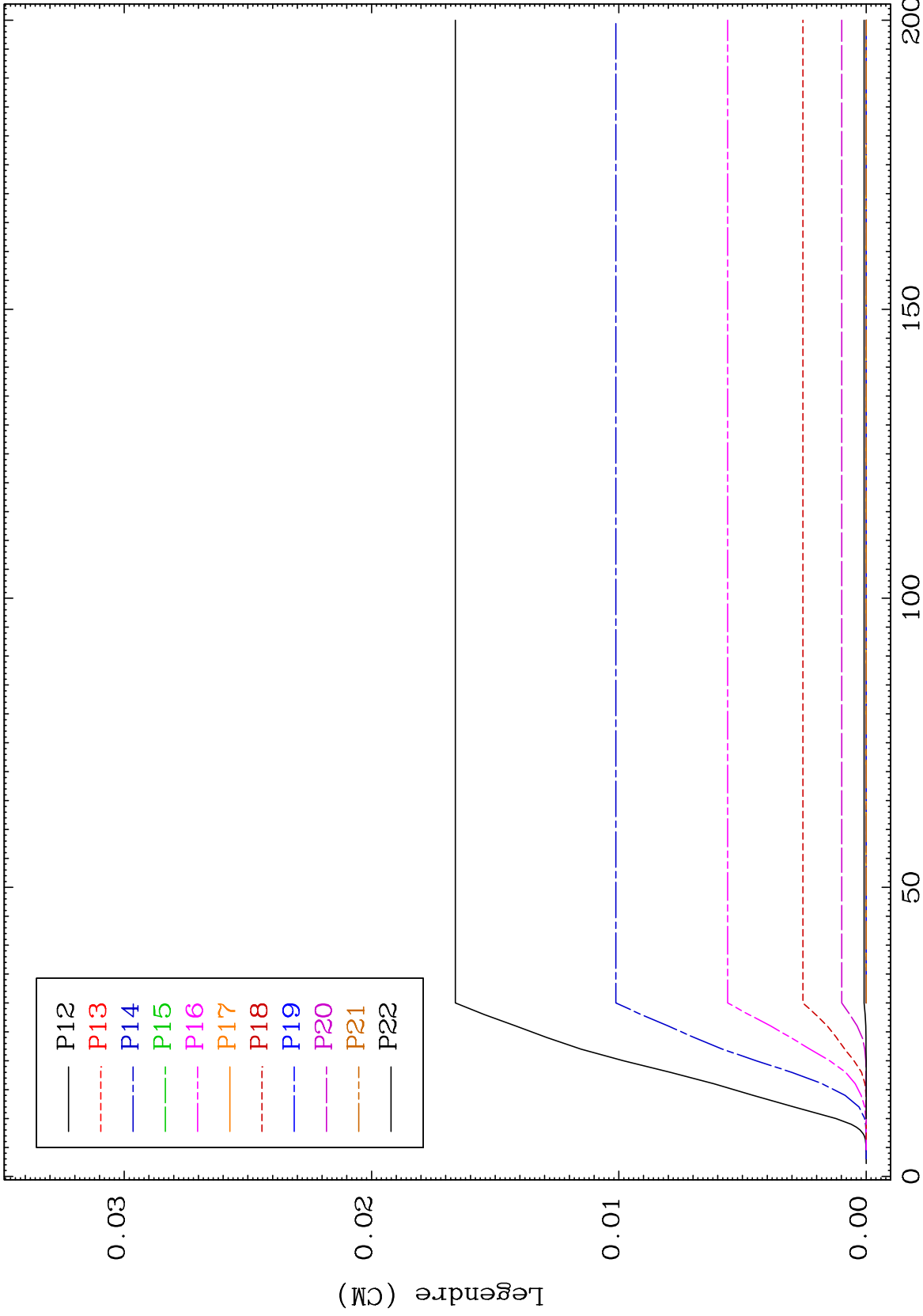
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



46

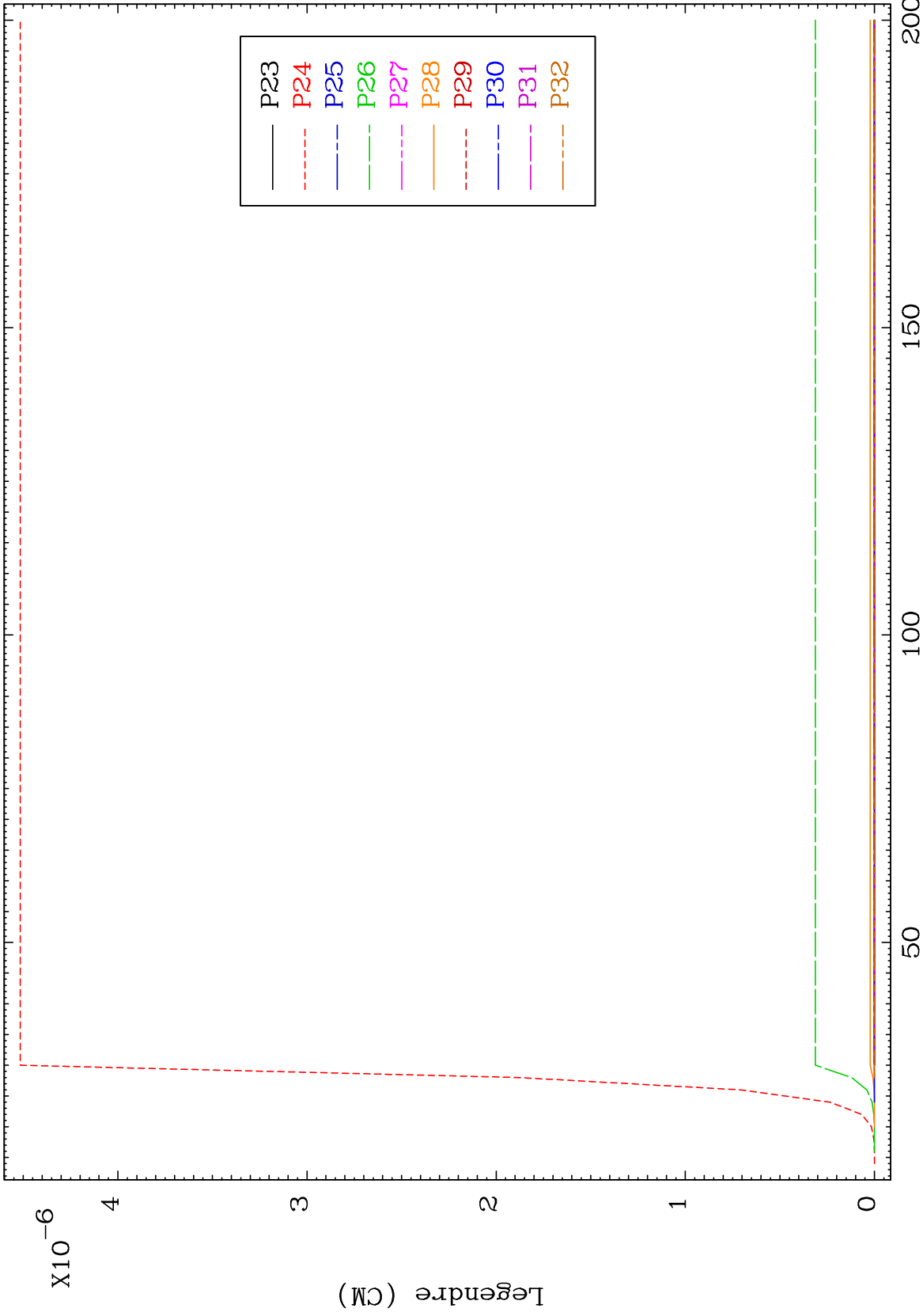
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



47

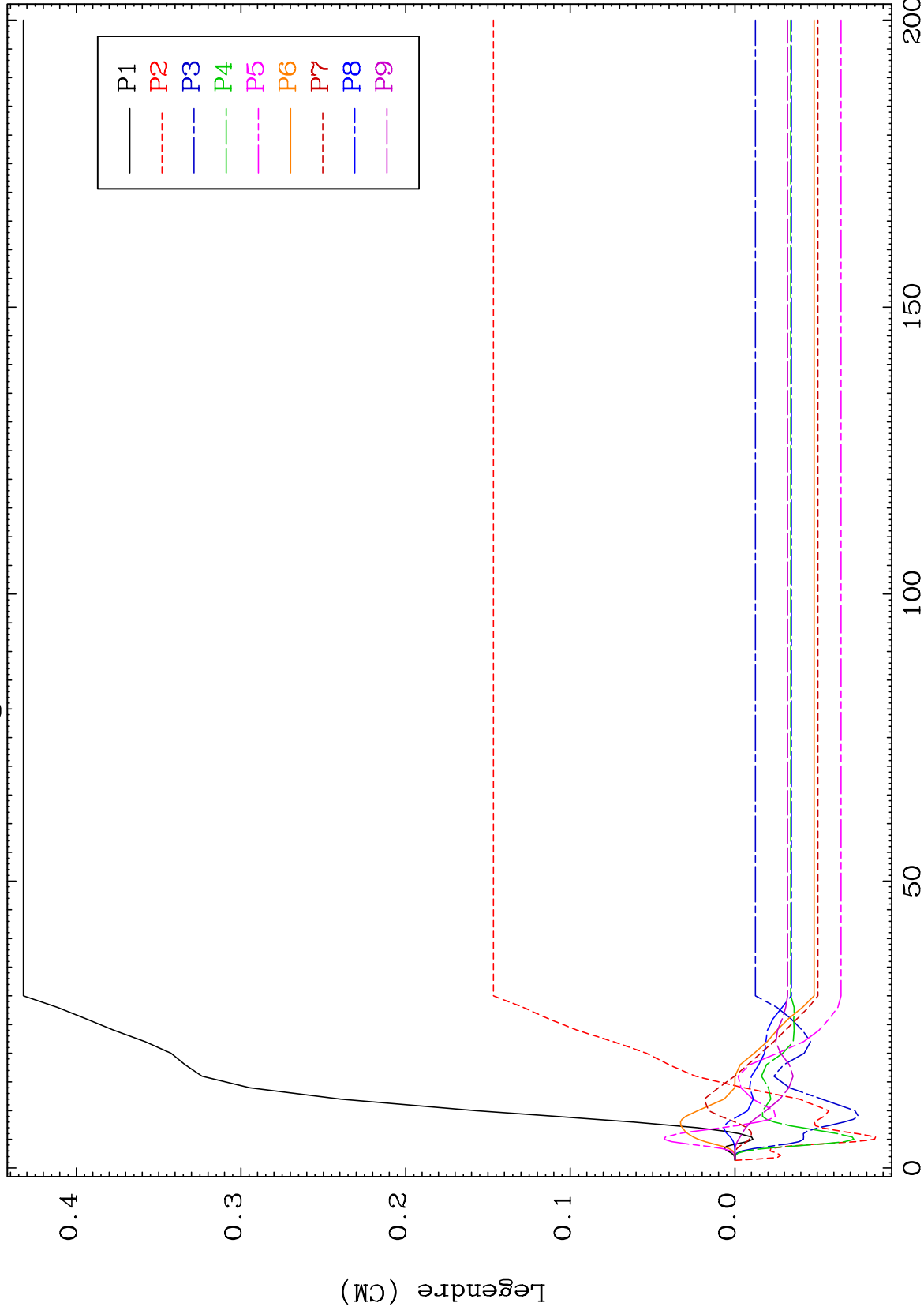
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



48

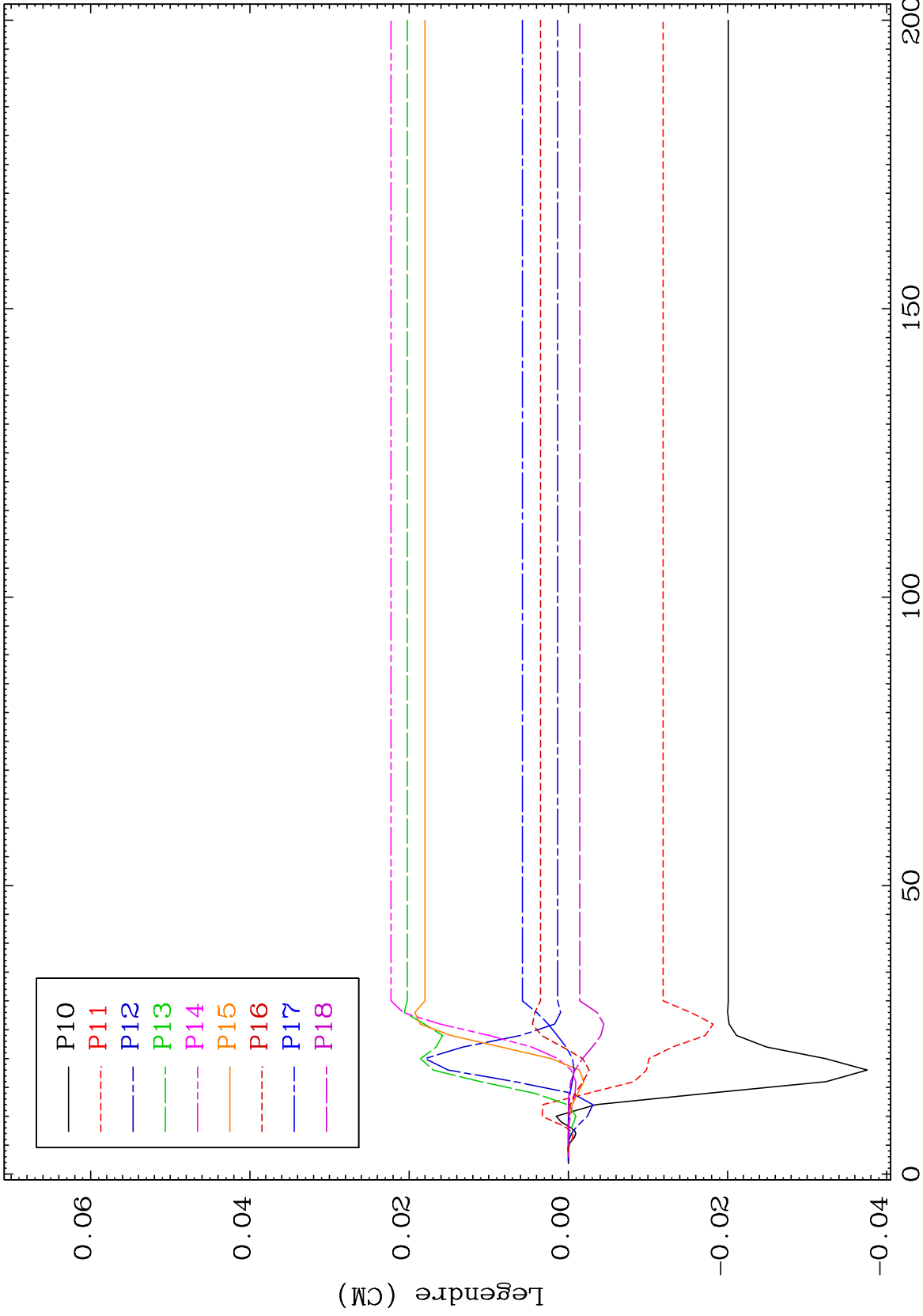
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



49

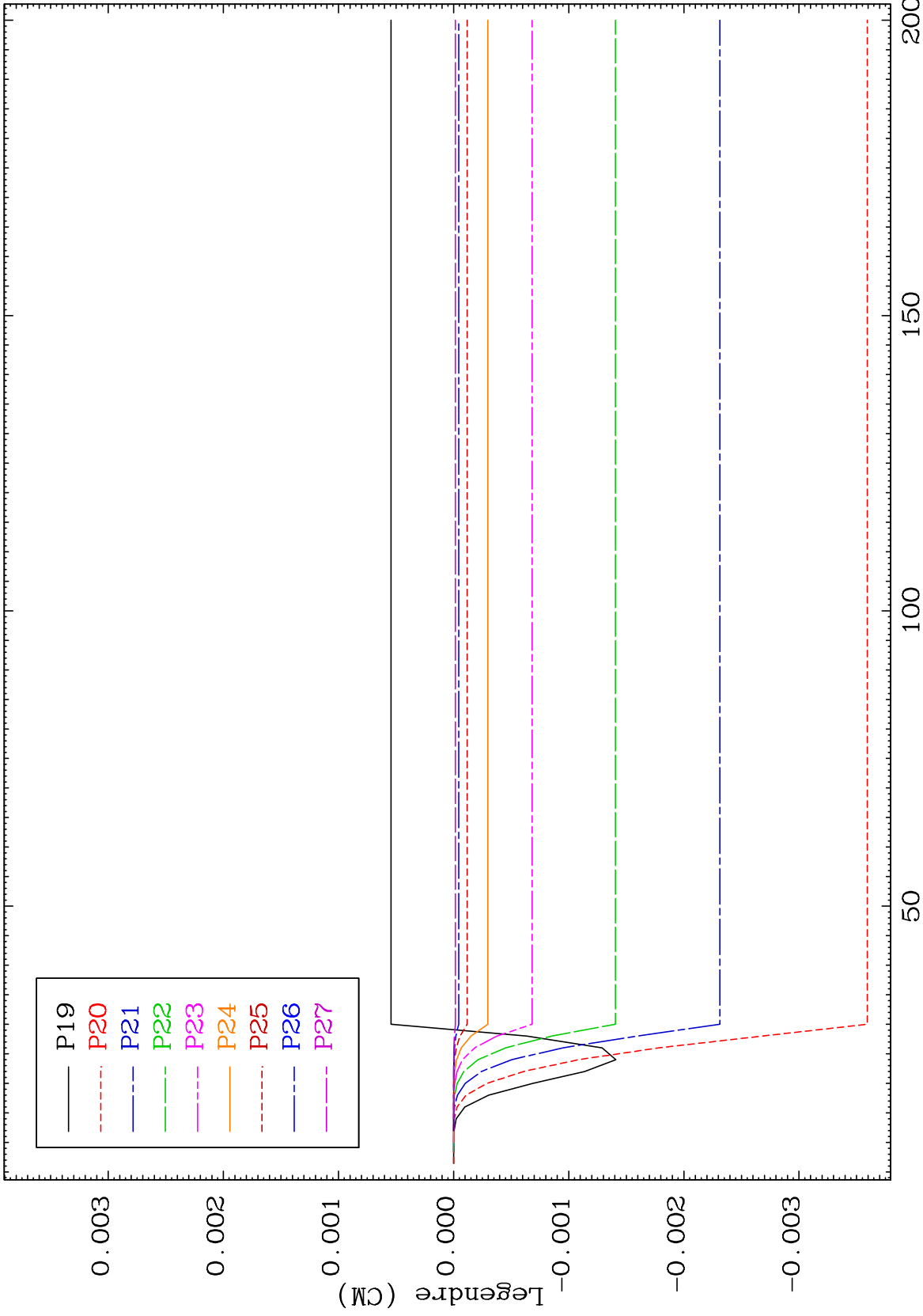
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



50

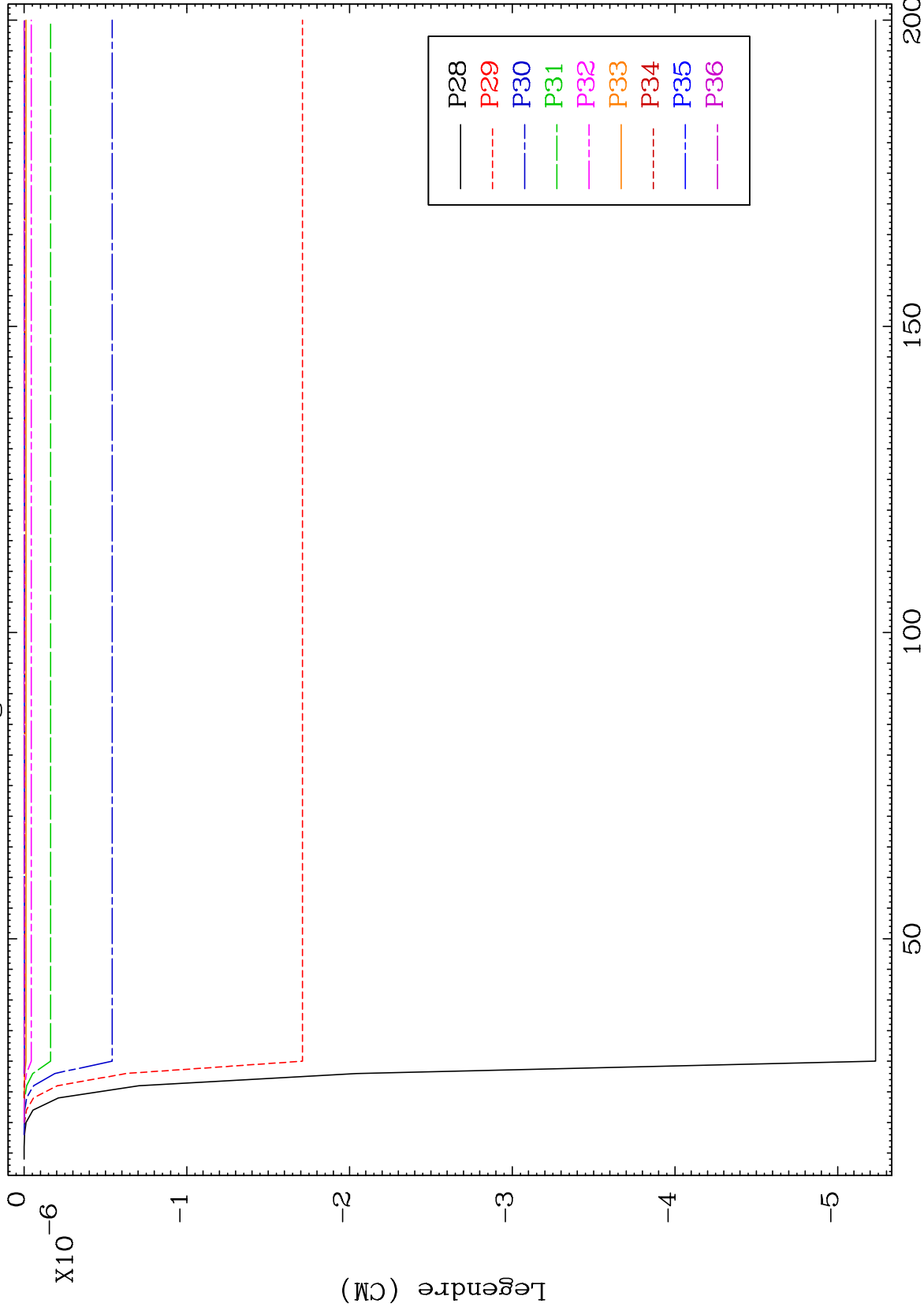
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



51

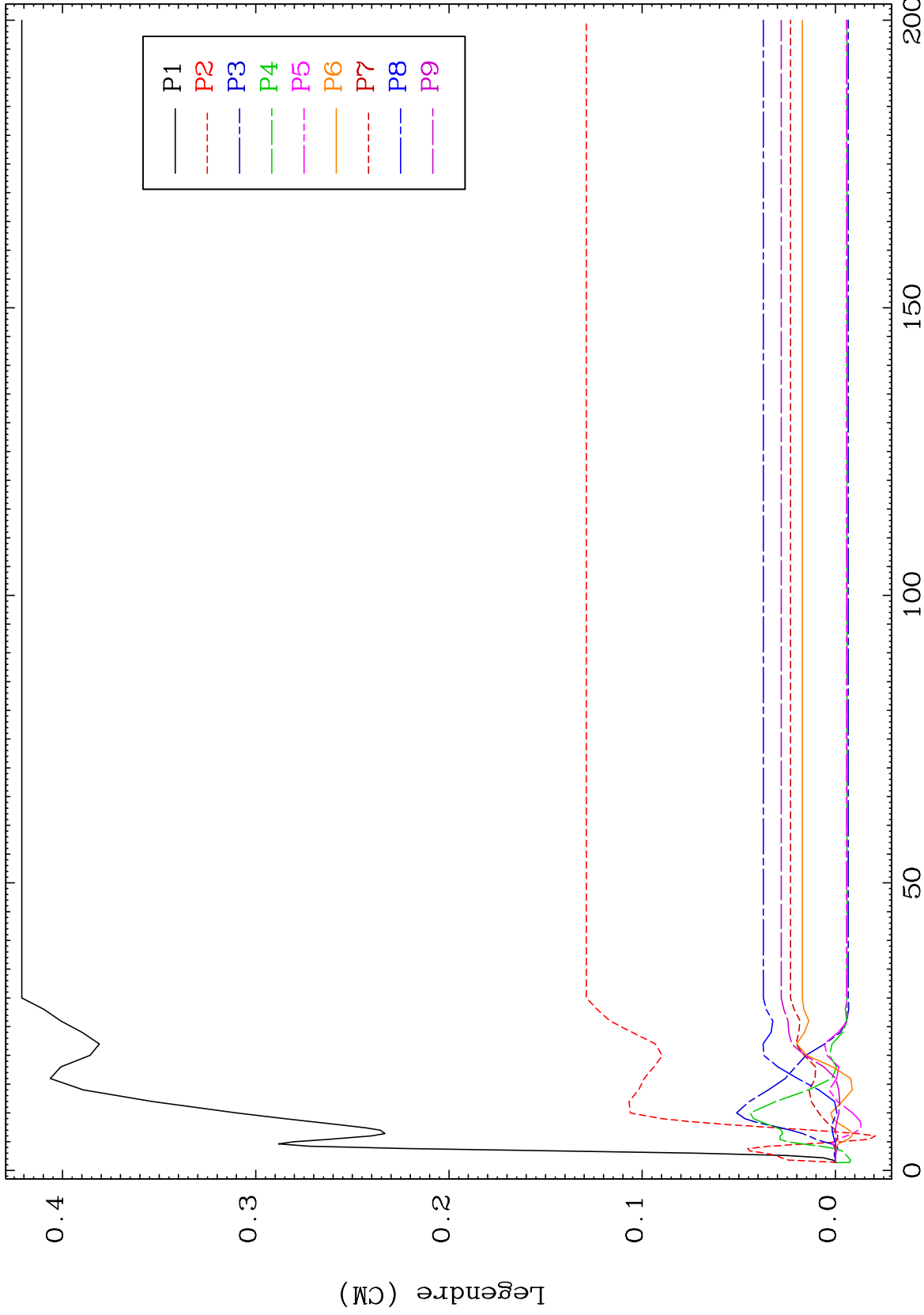
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



52

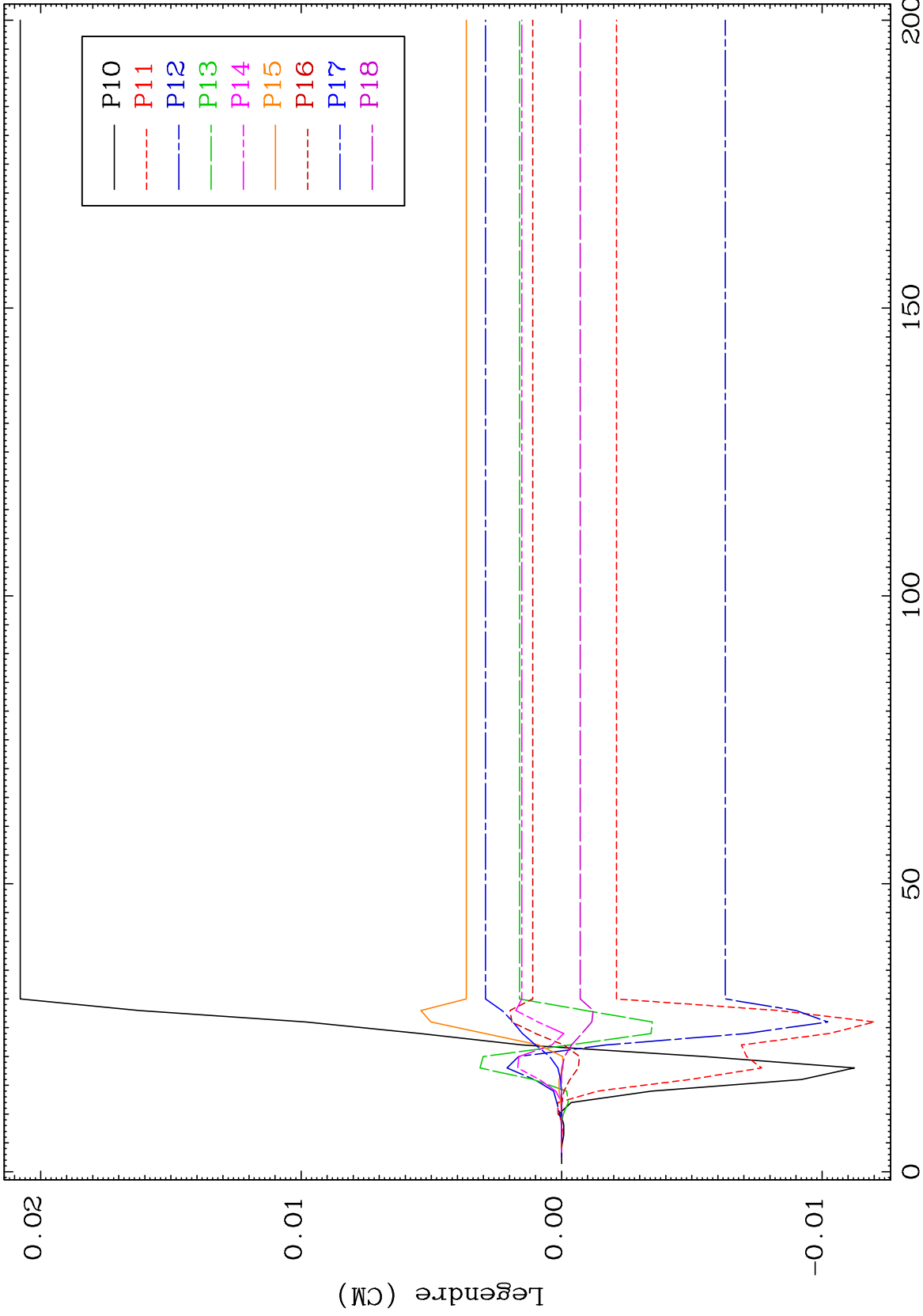
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



53

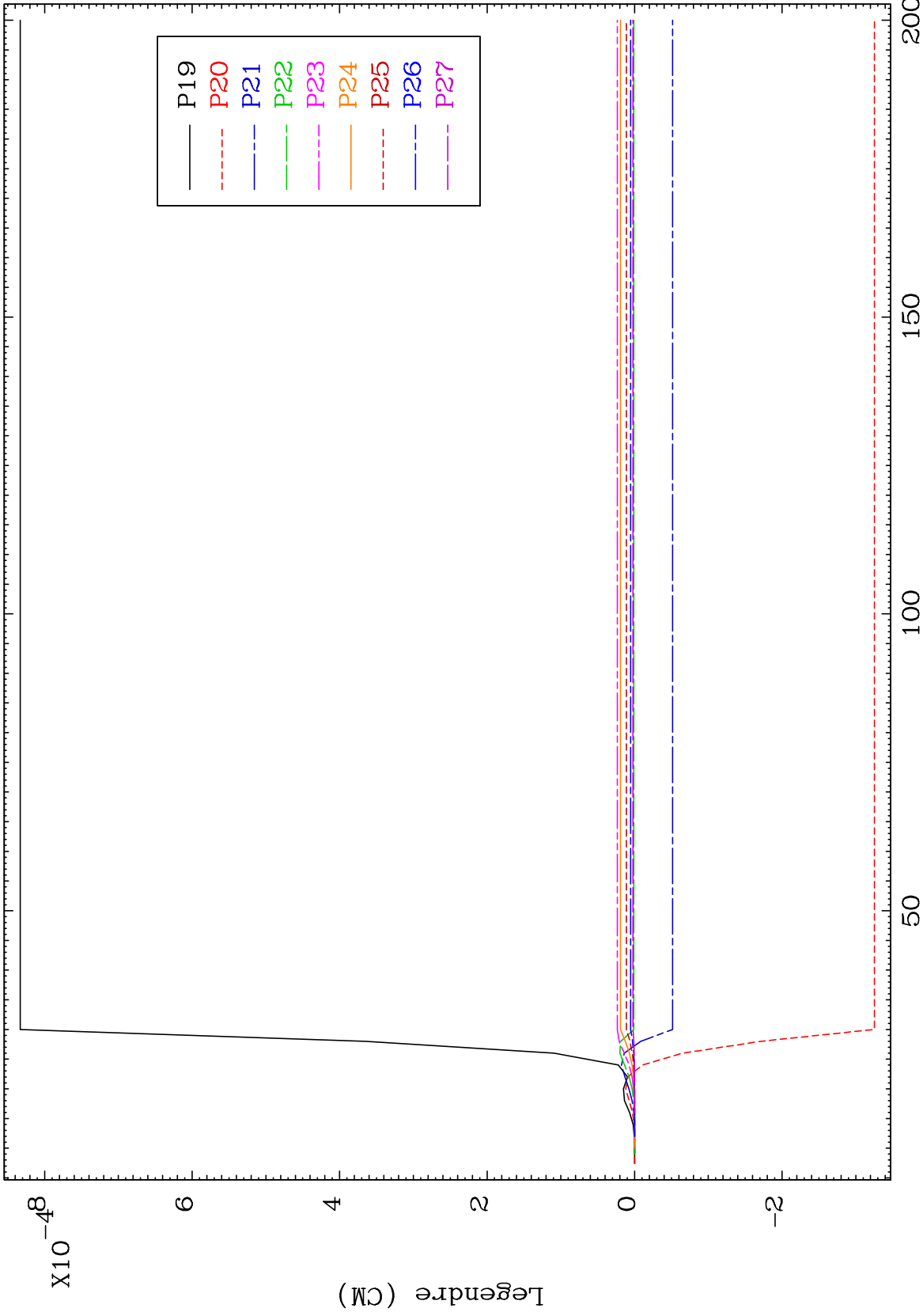
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



54

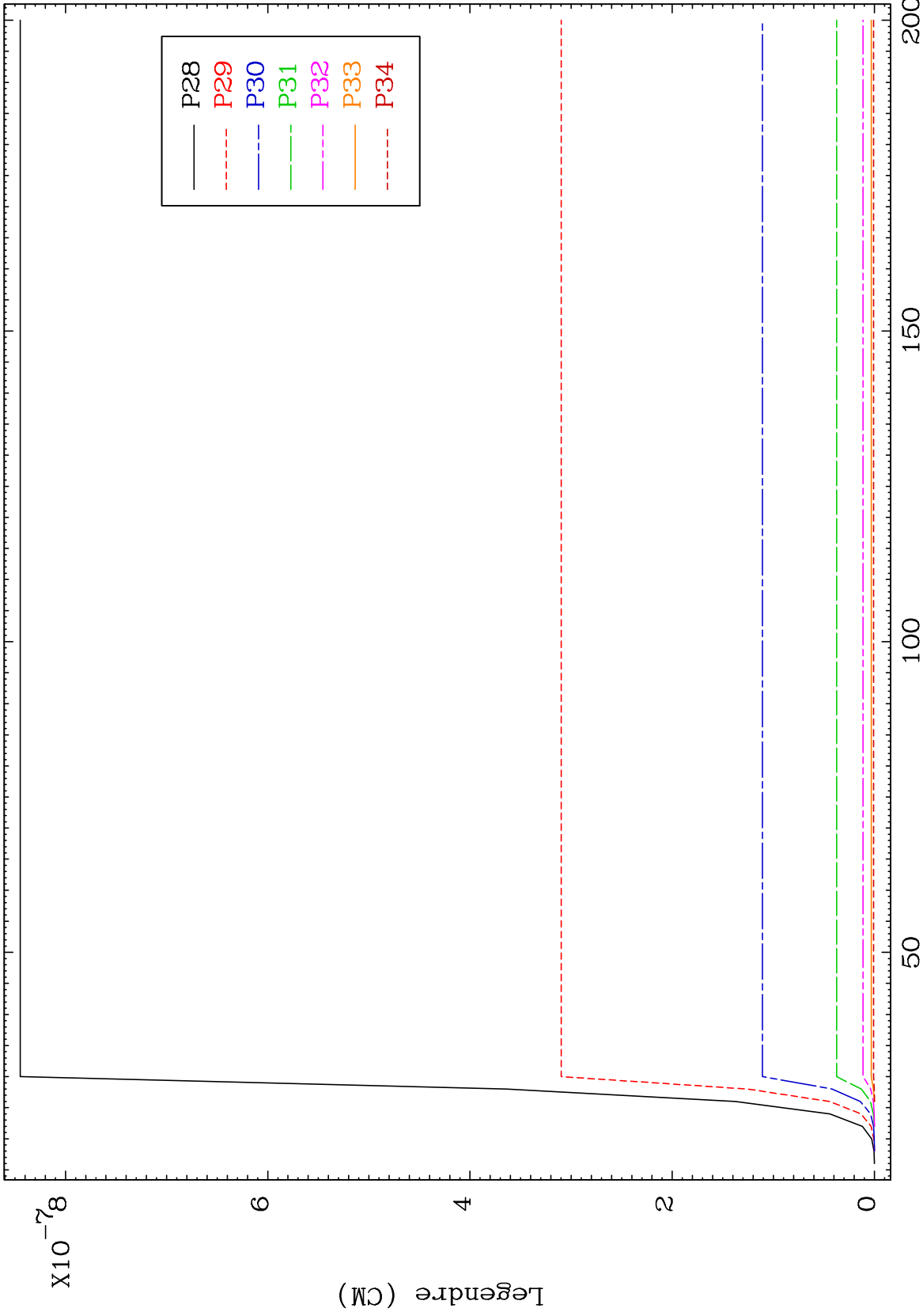
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



55

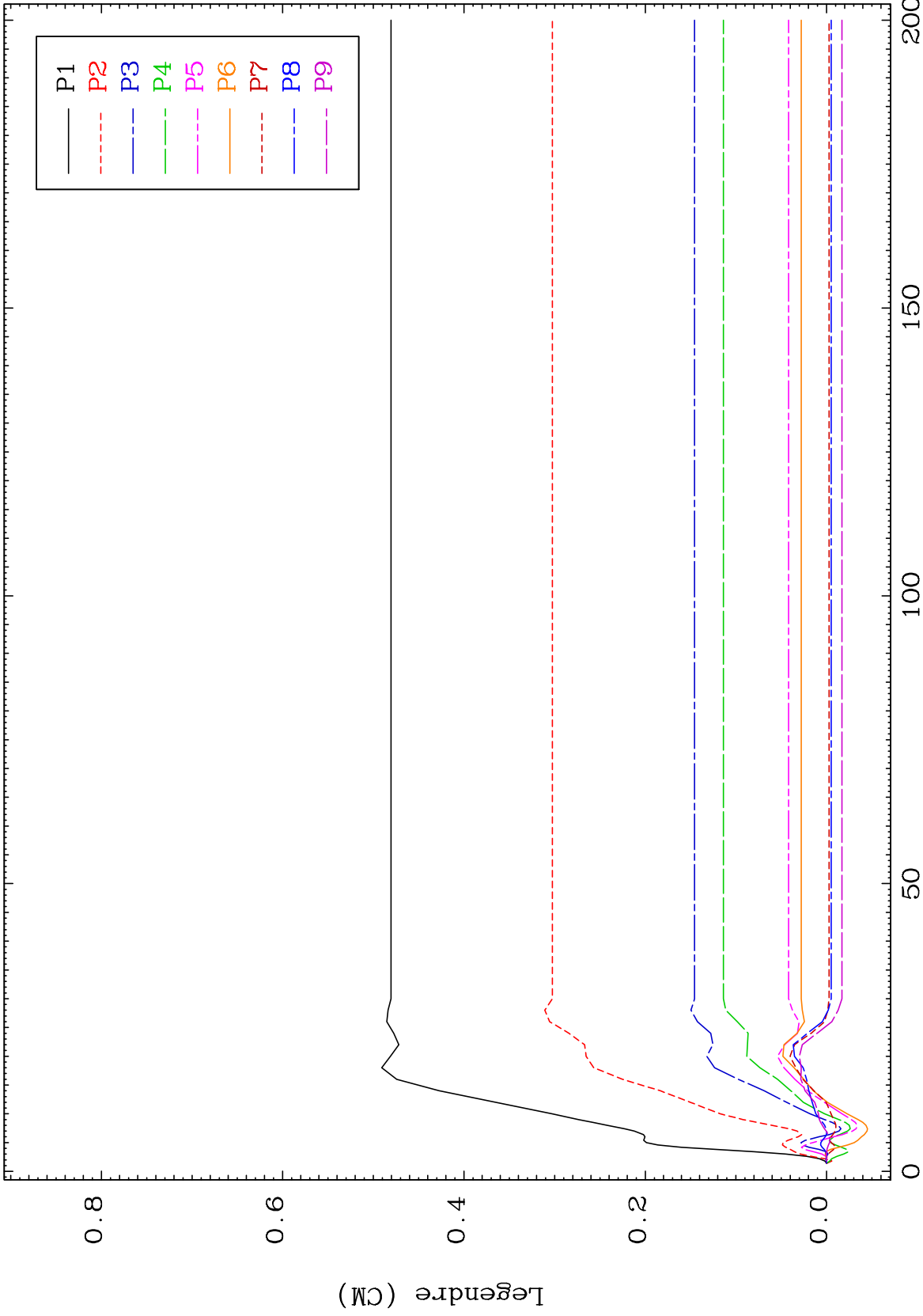
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



56

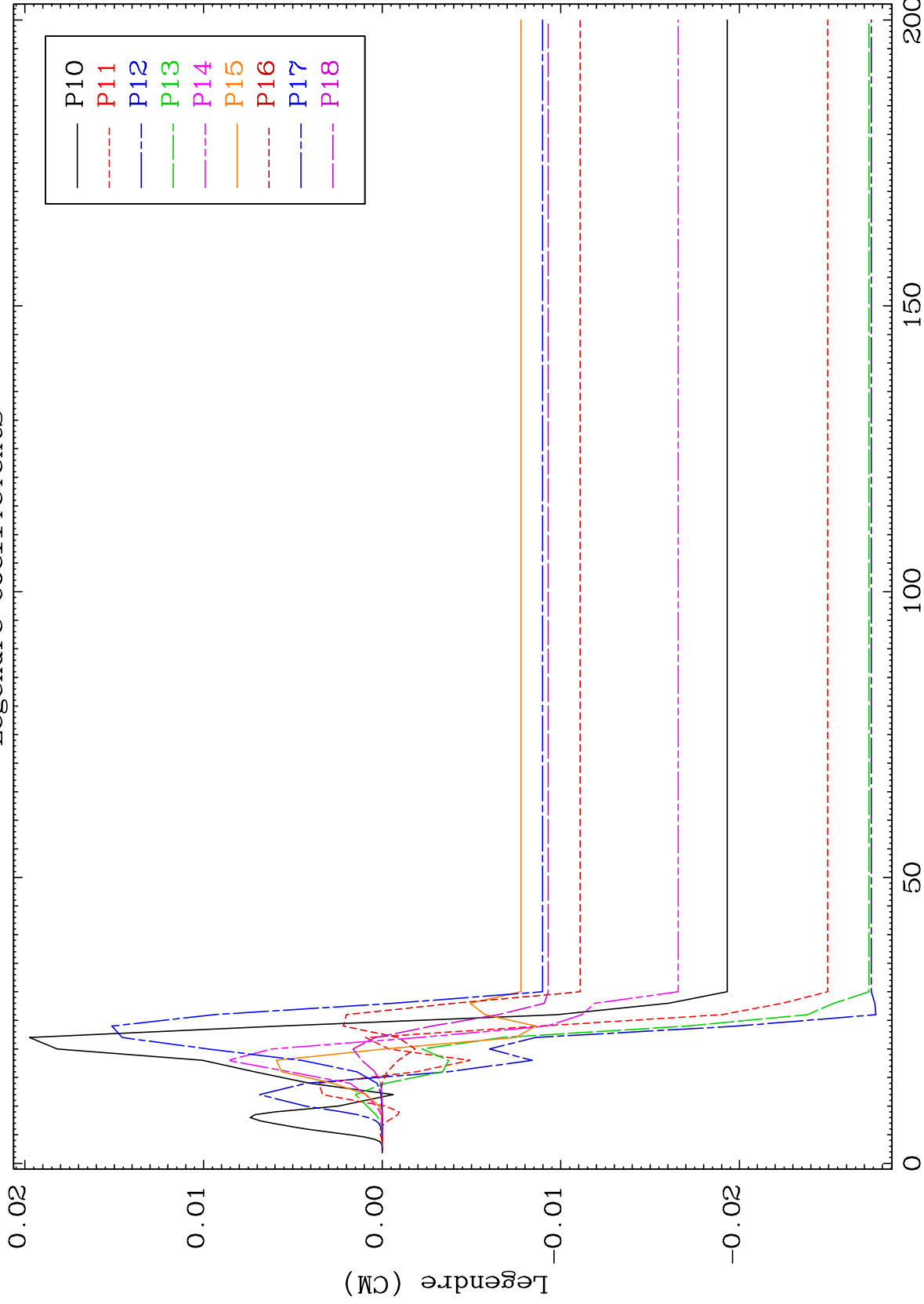
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



57

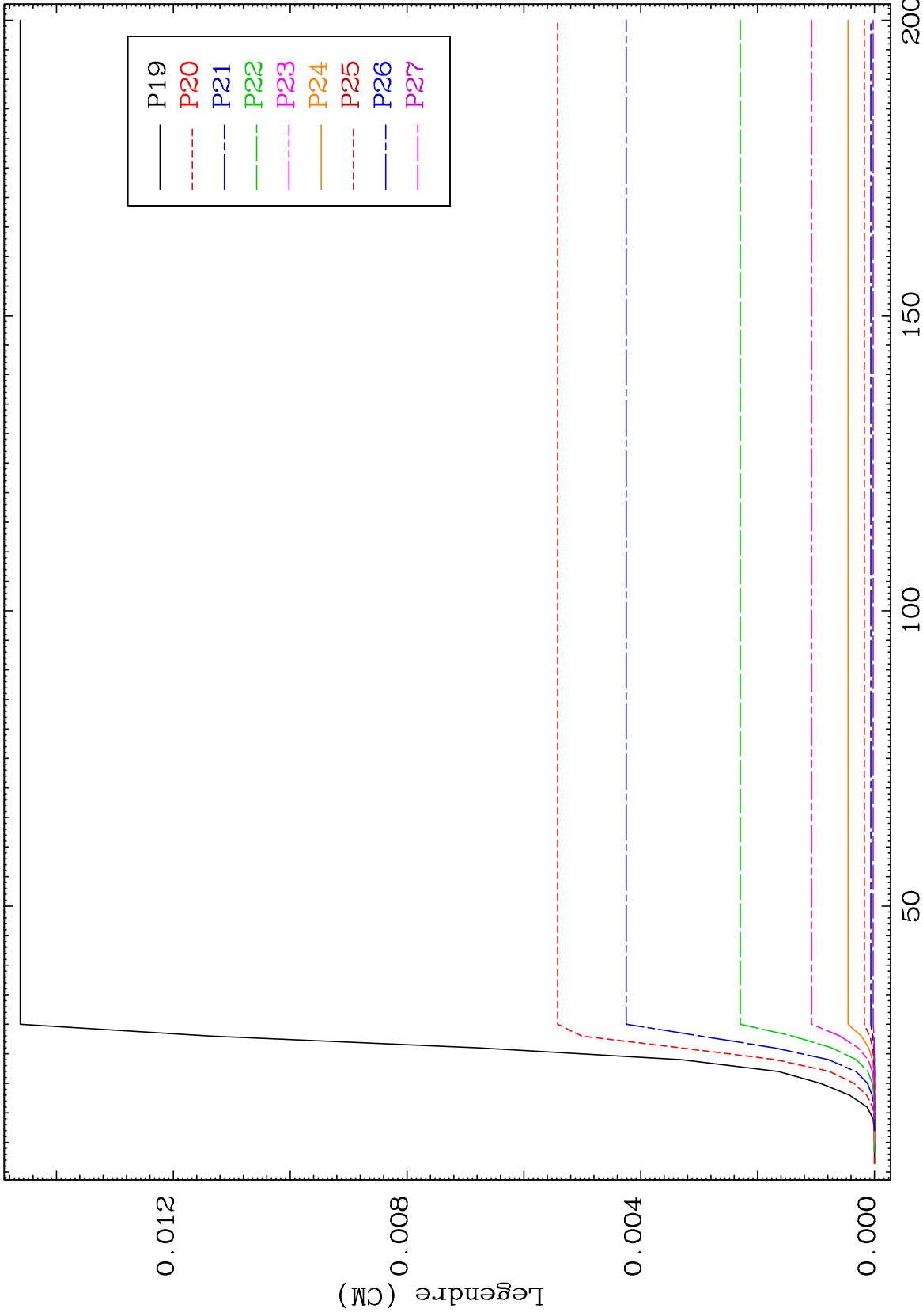
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



58

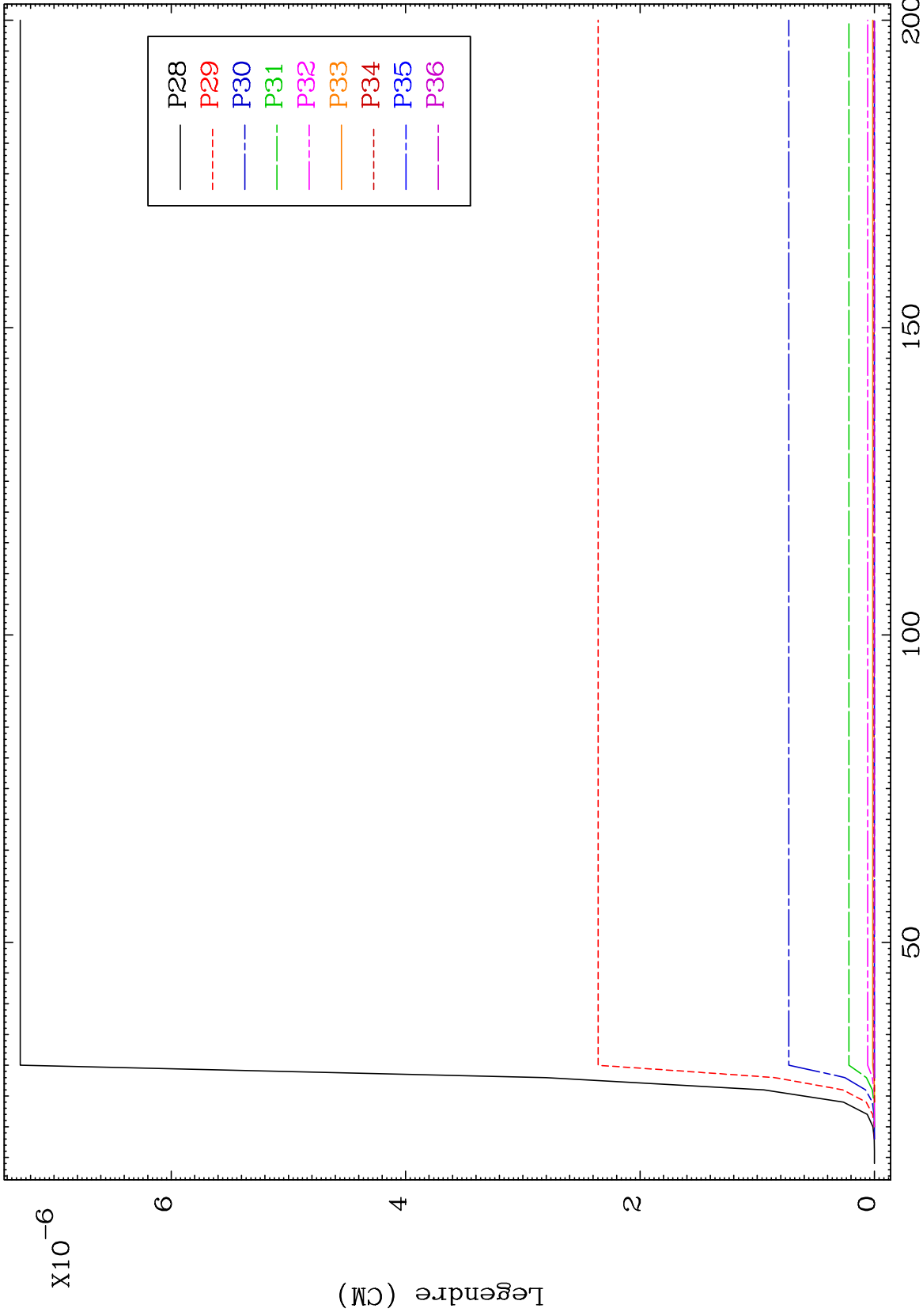
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



59

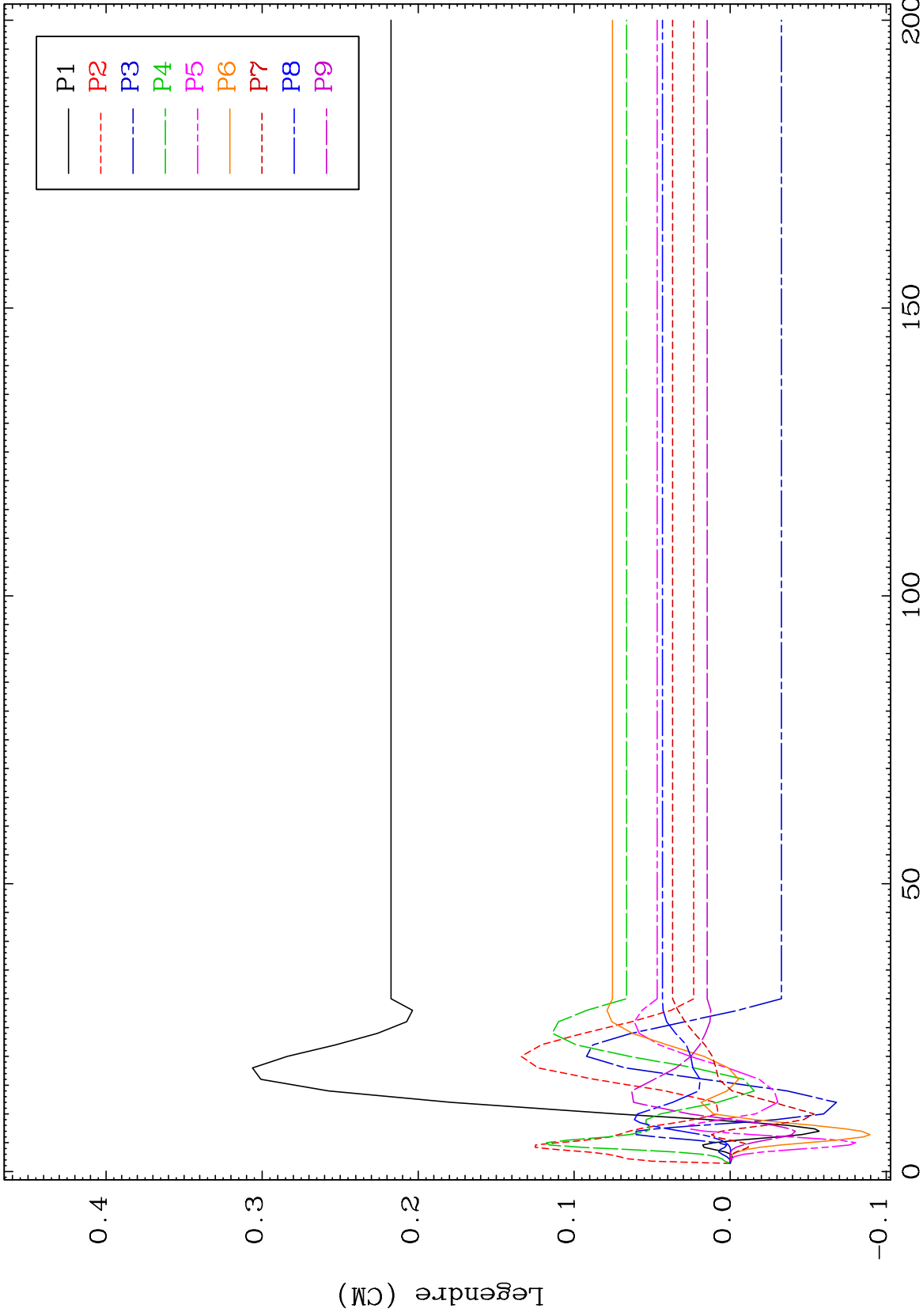
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



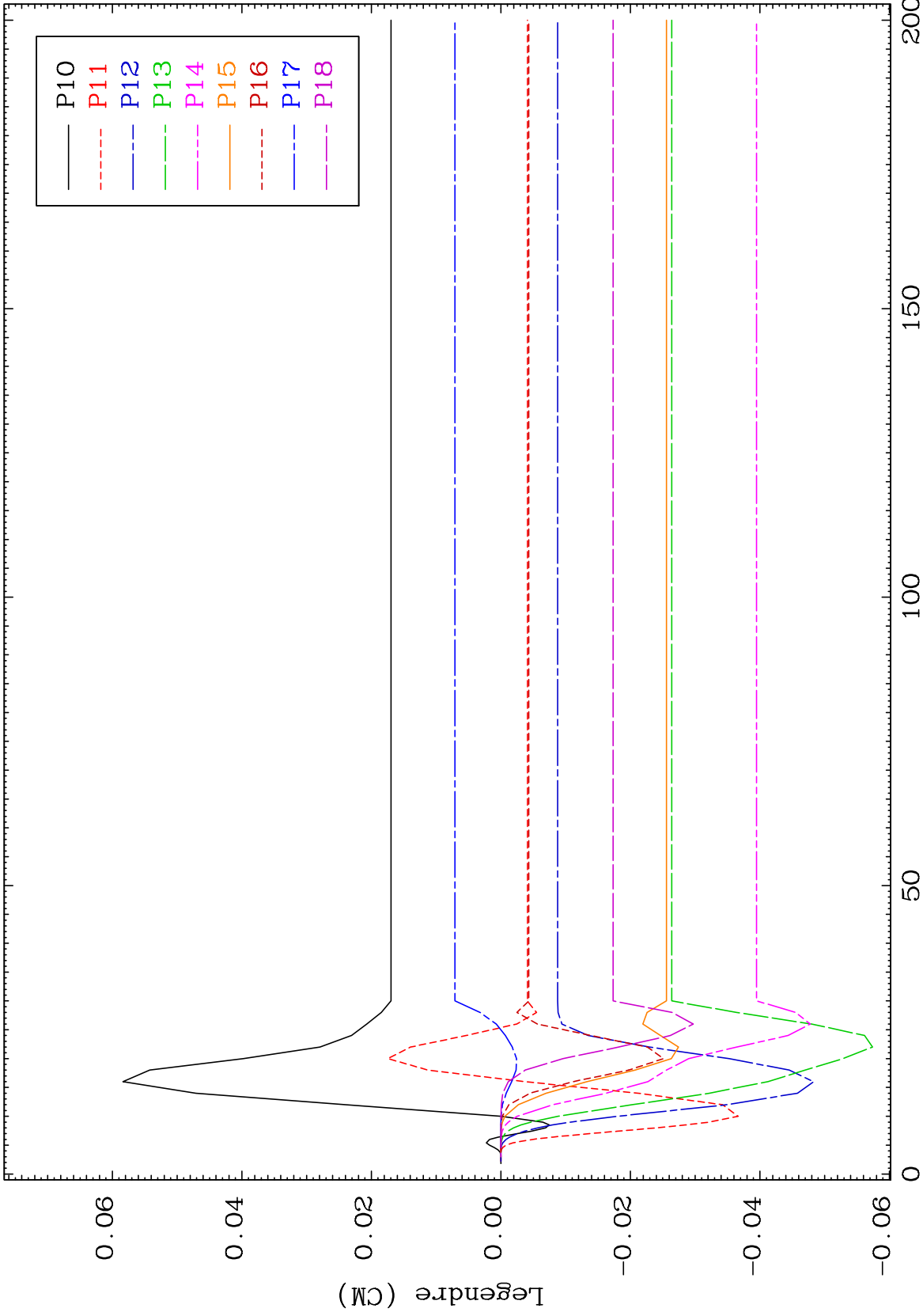
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



61

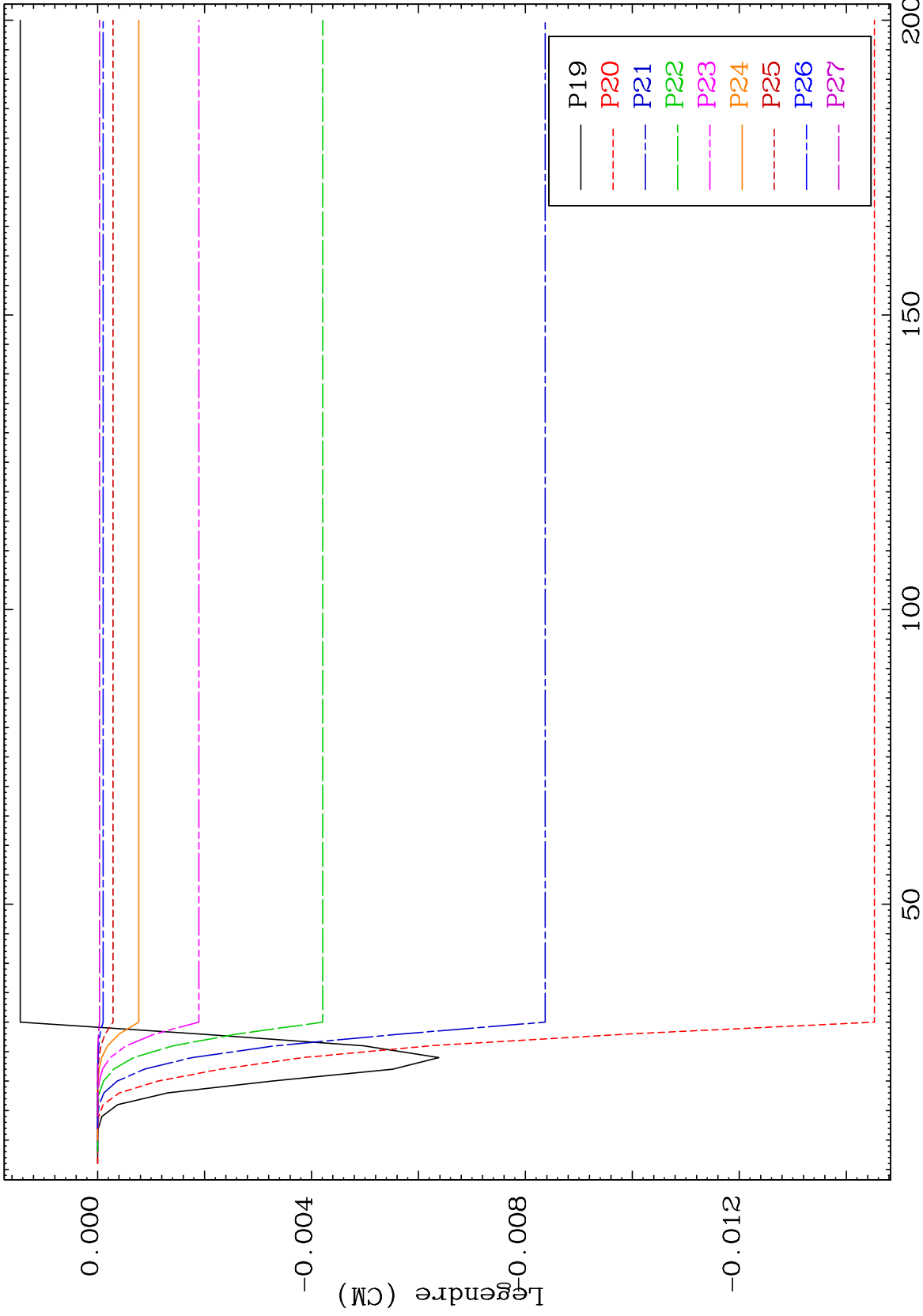
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



62

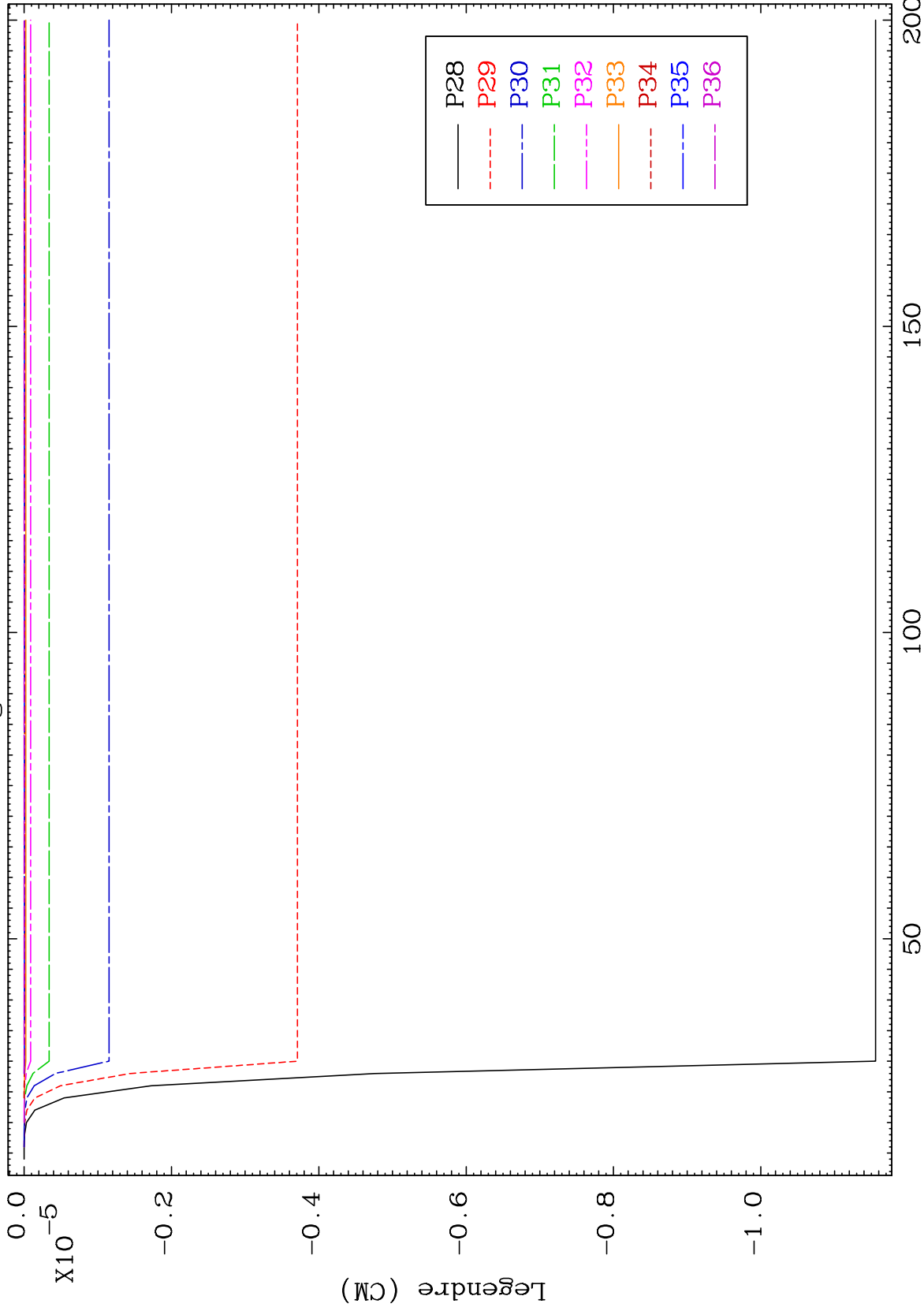
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



63

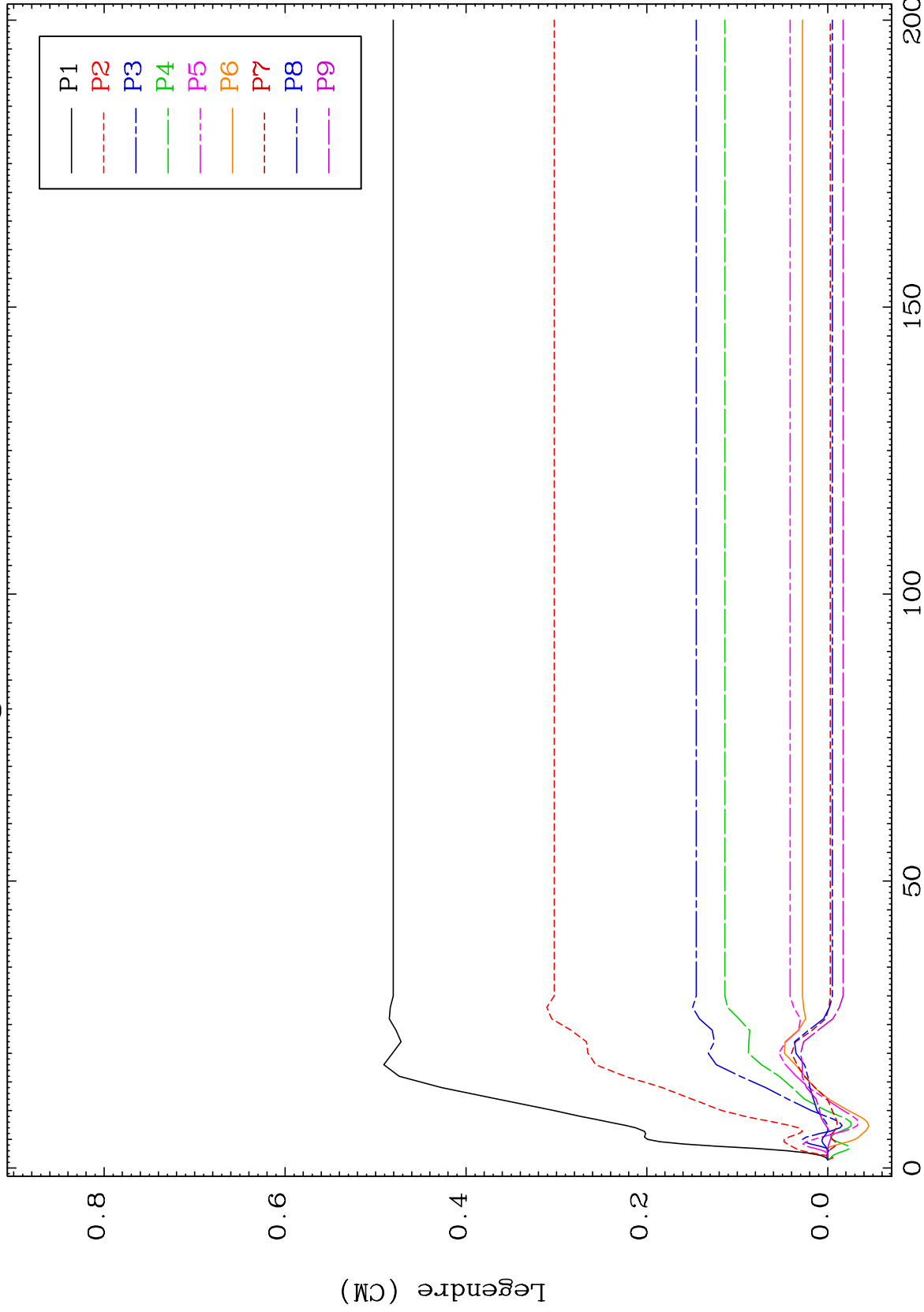
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



64

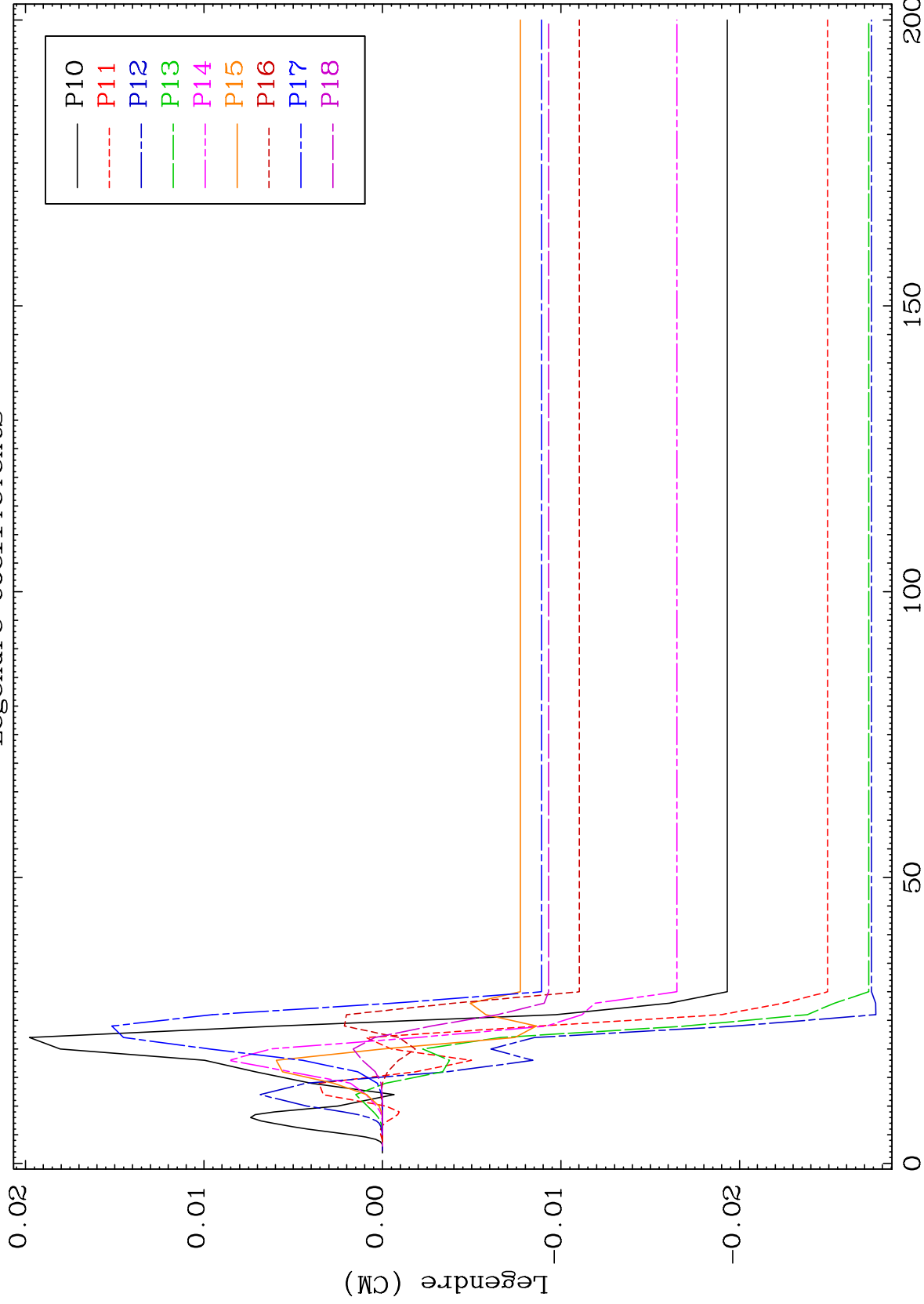
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

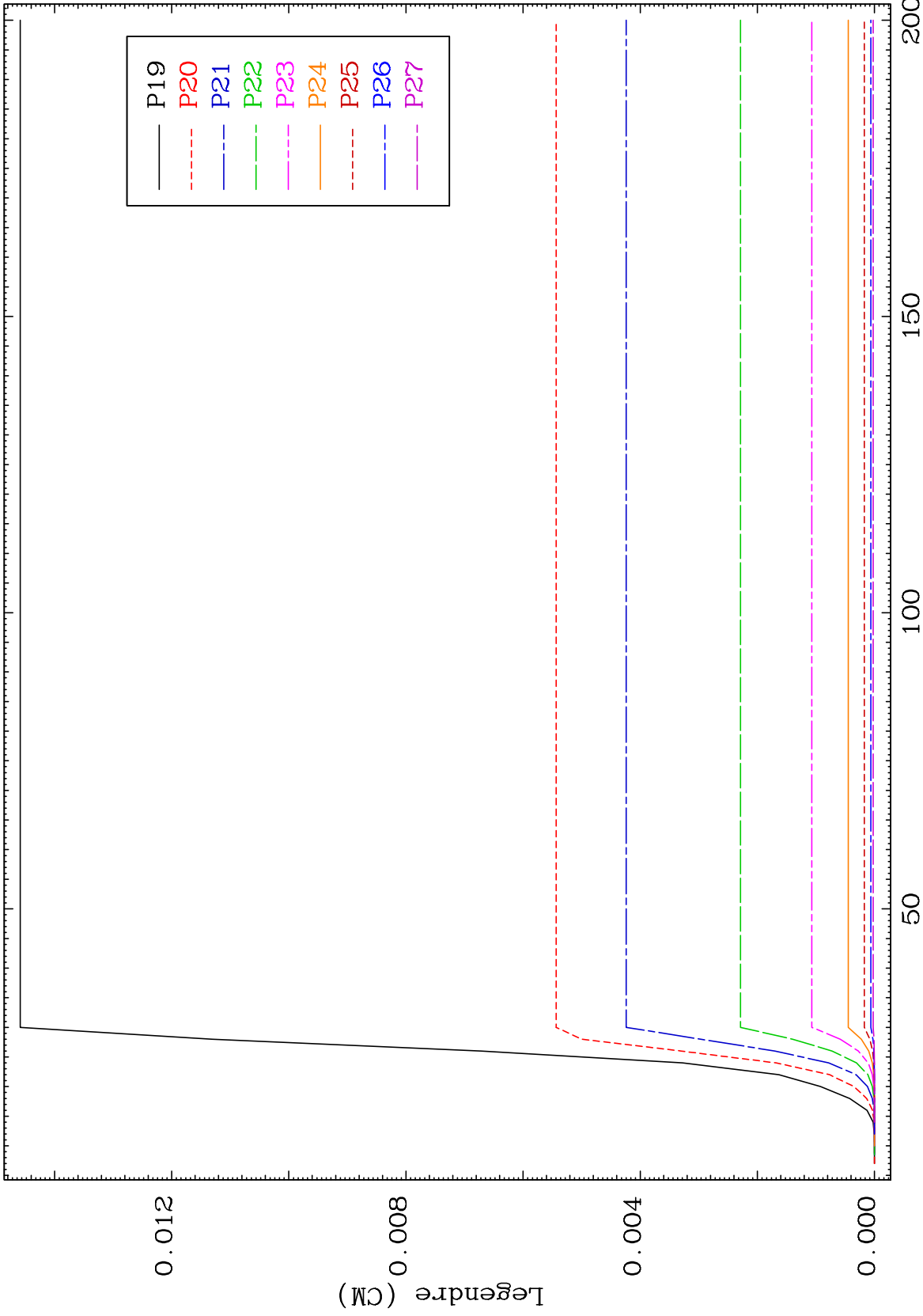
72-Hf-176



65

Incident Energy (MeV)

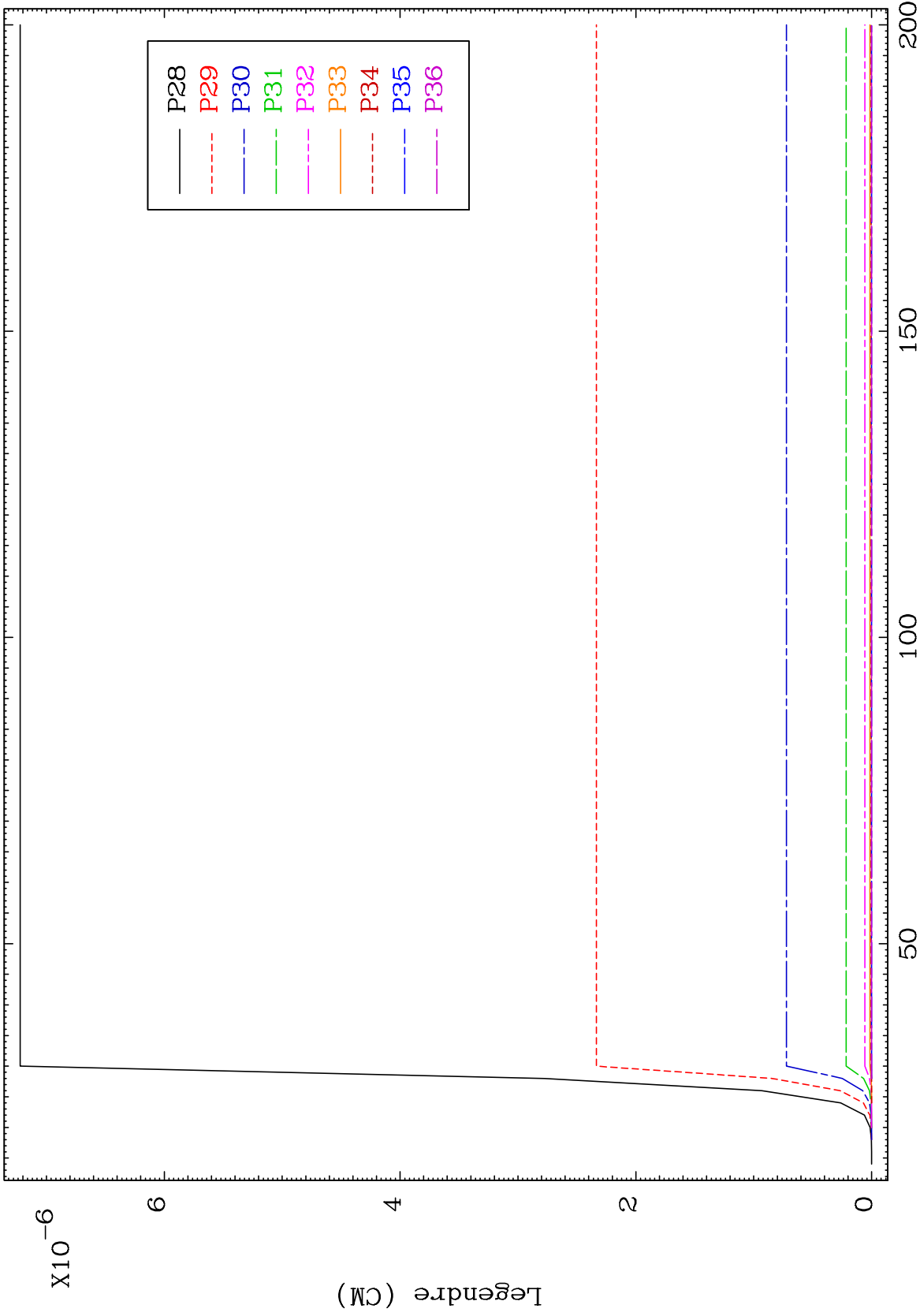
72-Hf-176



MAT 7231

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

72-Hf-176



67

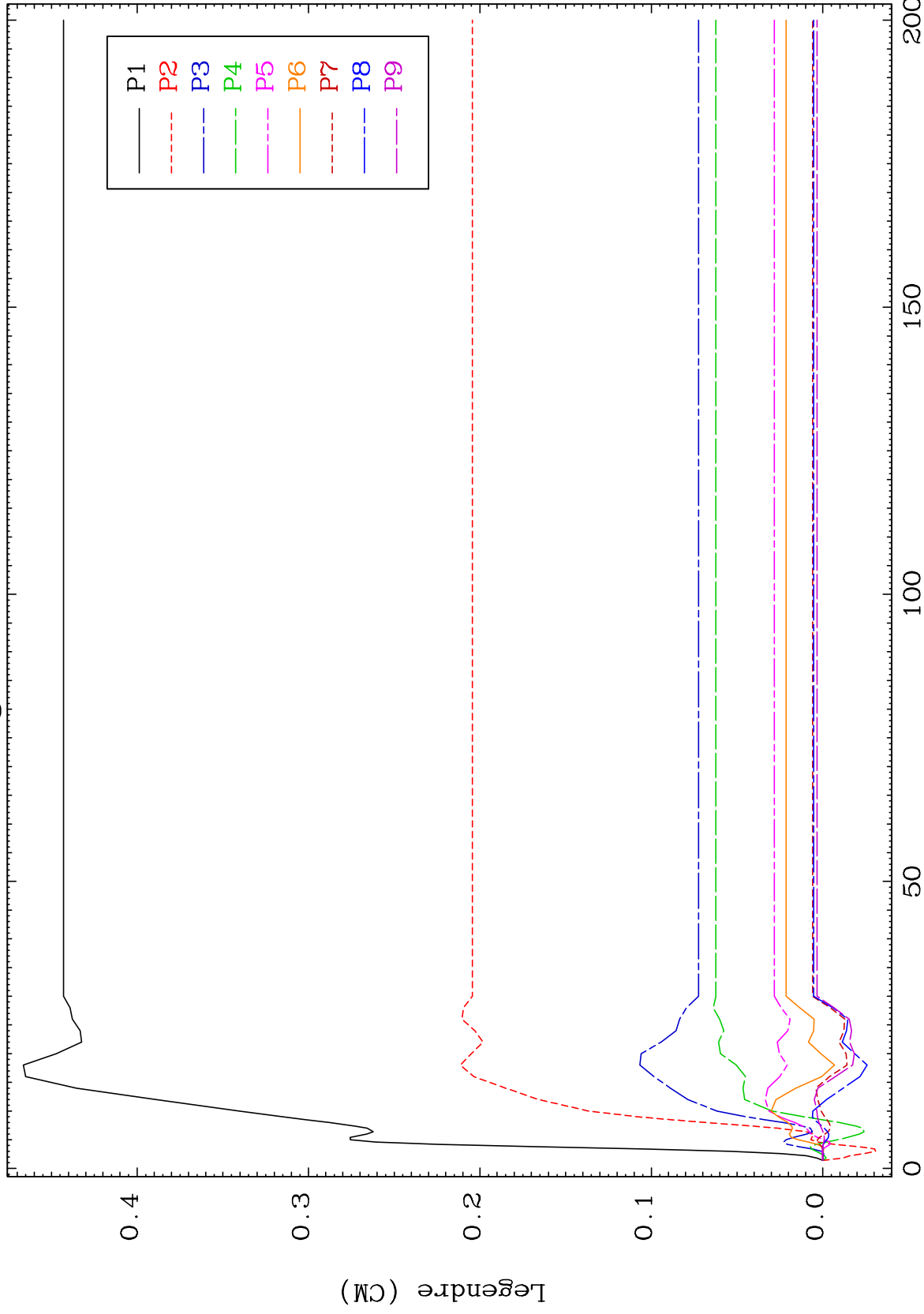
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



68

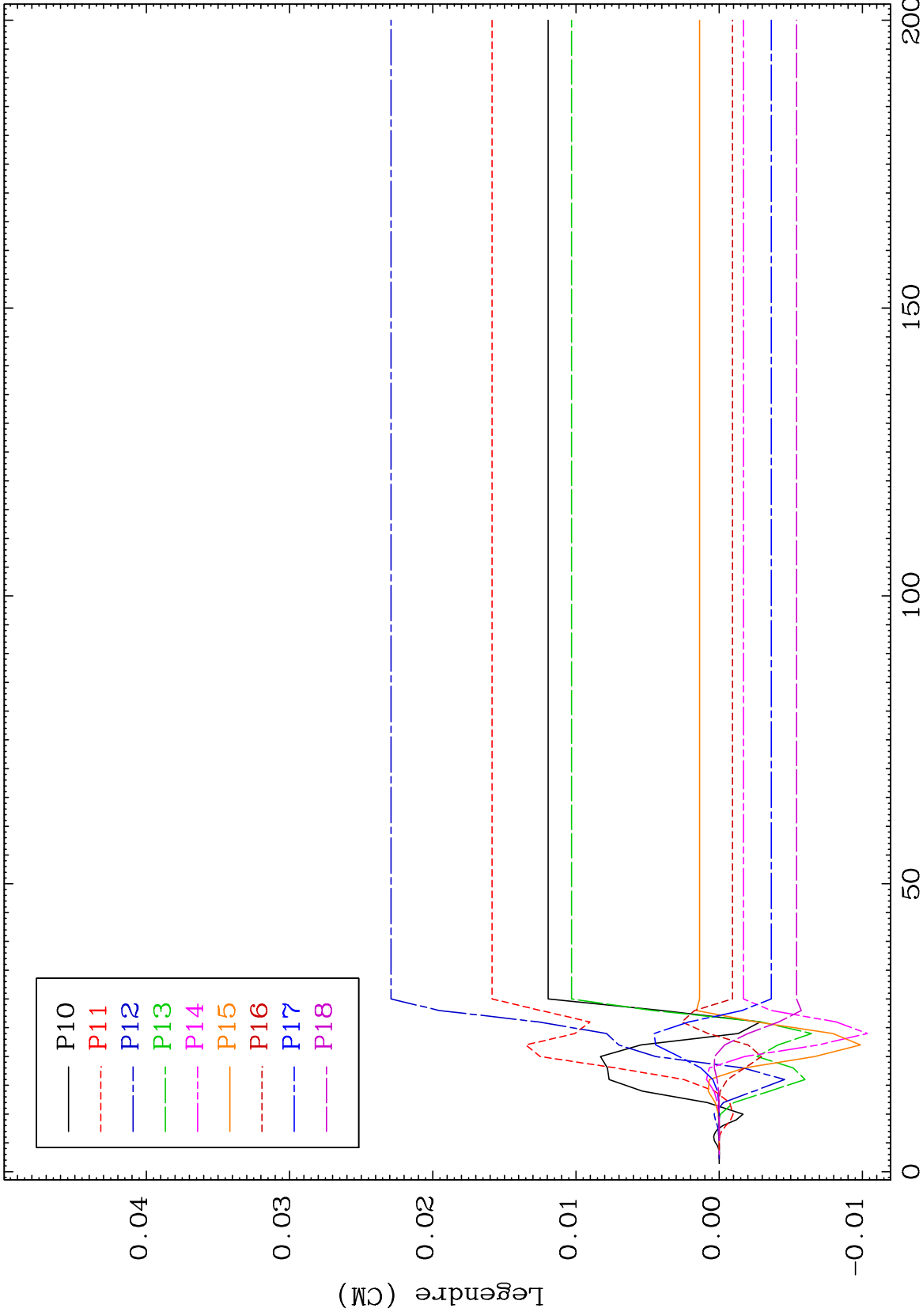
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



69

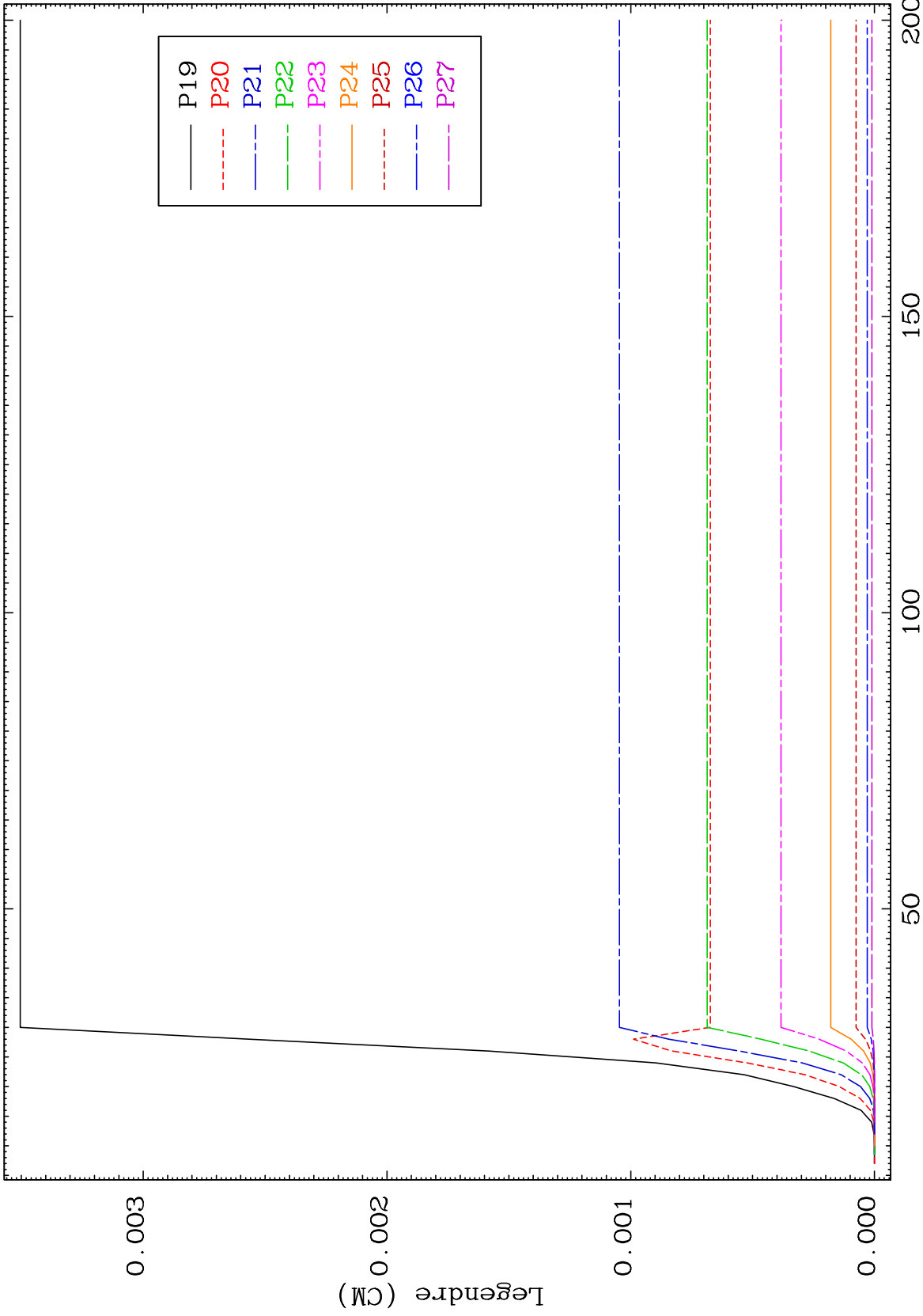
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



70

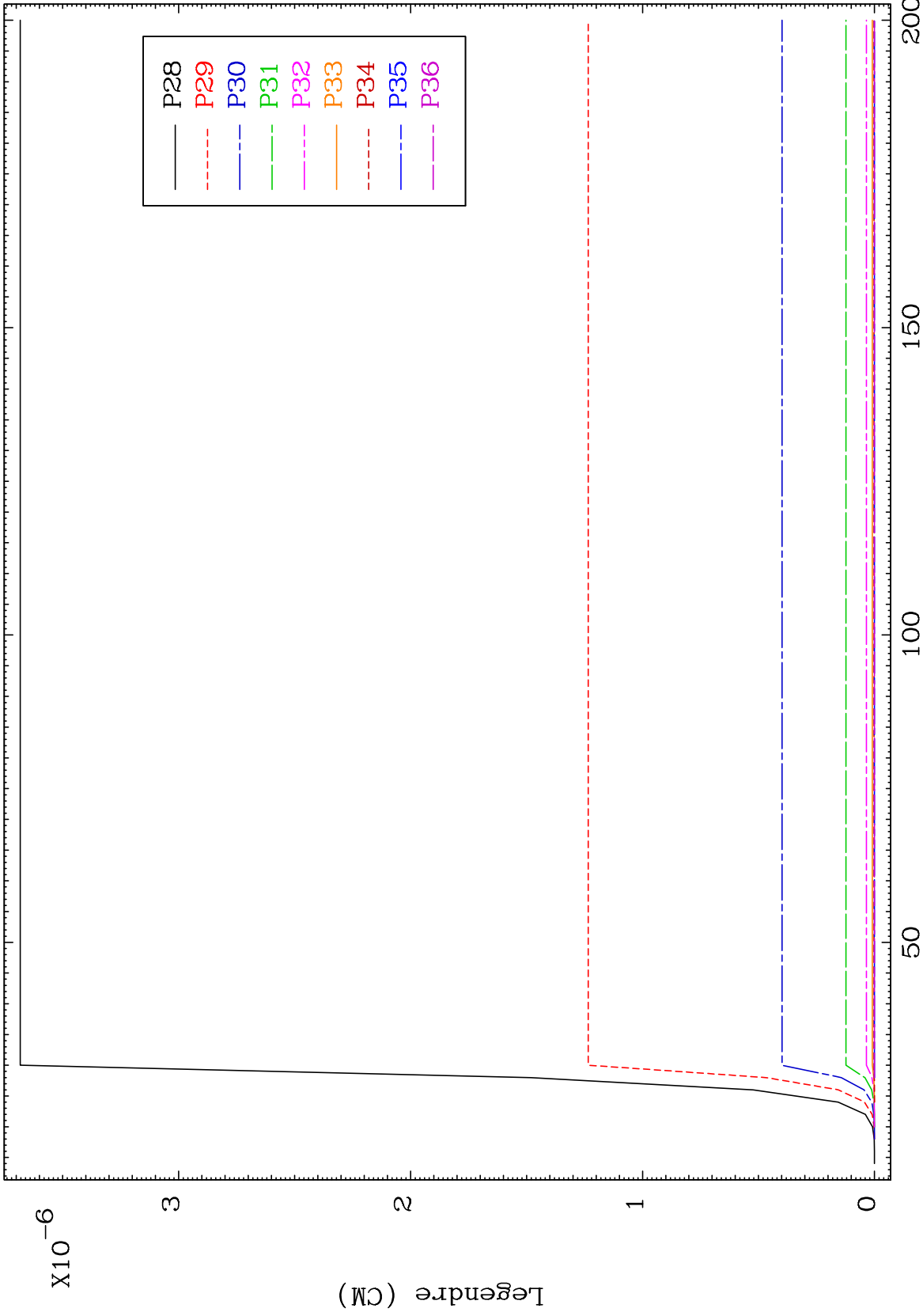
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



71

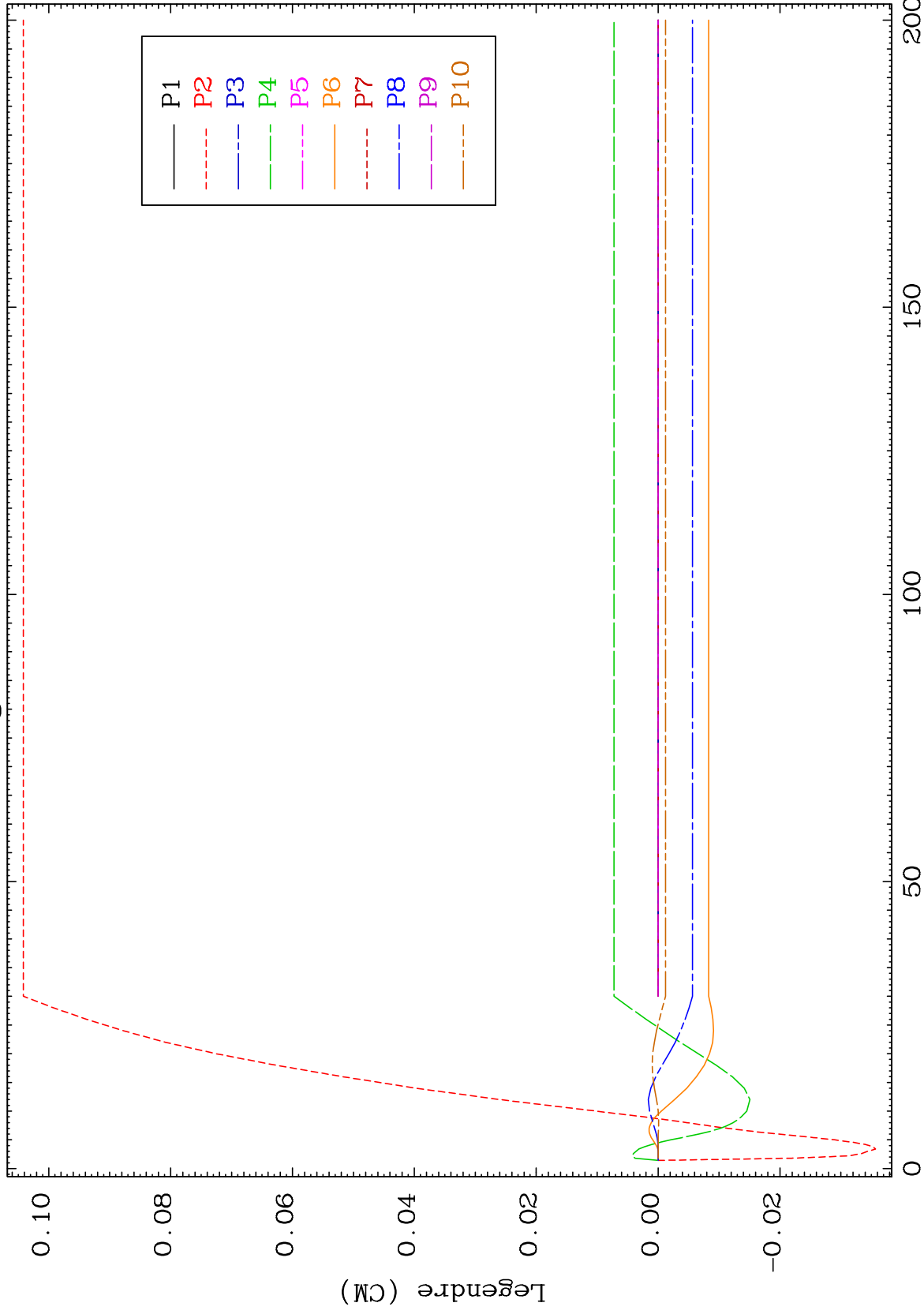
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



72

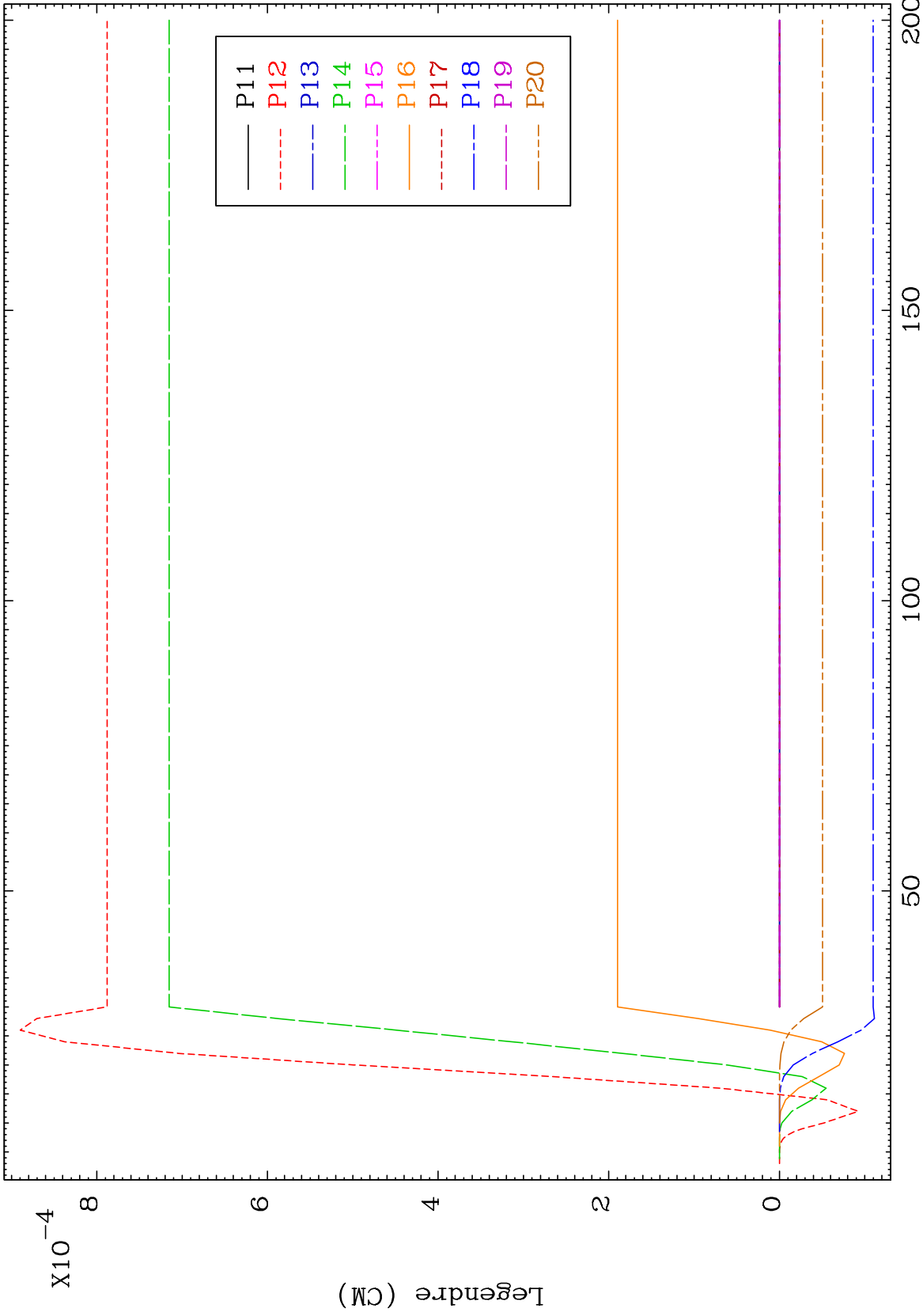
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



73

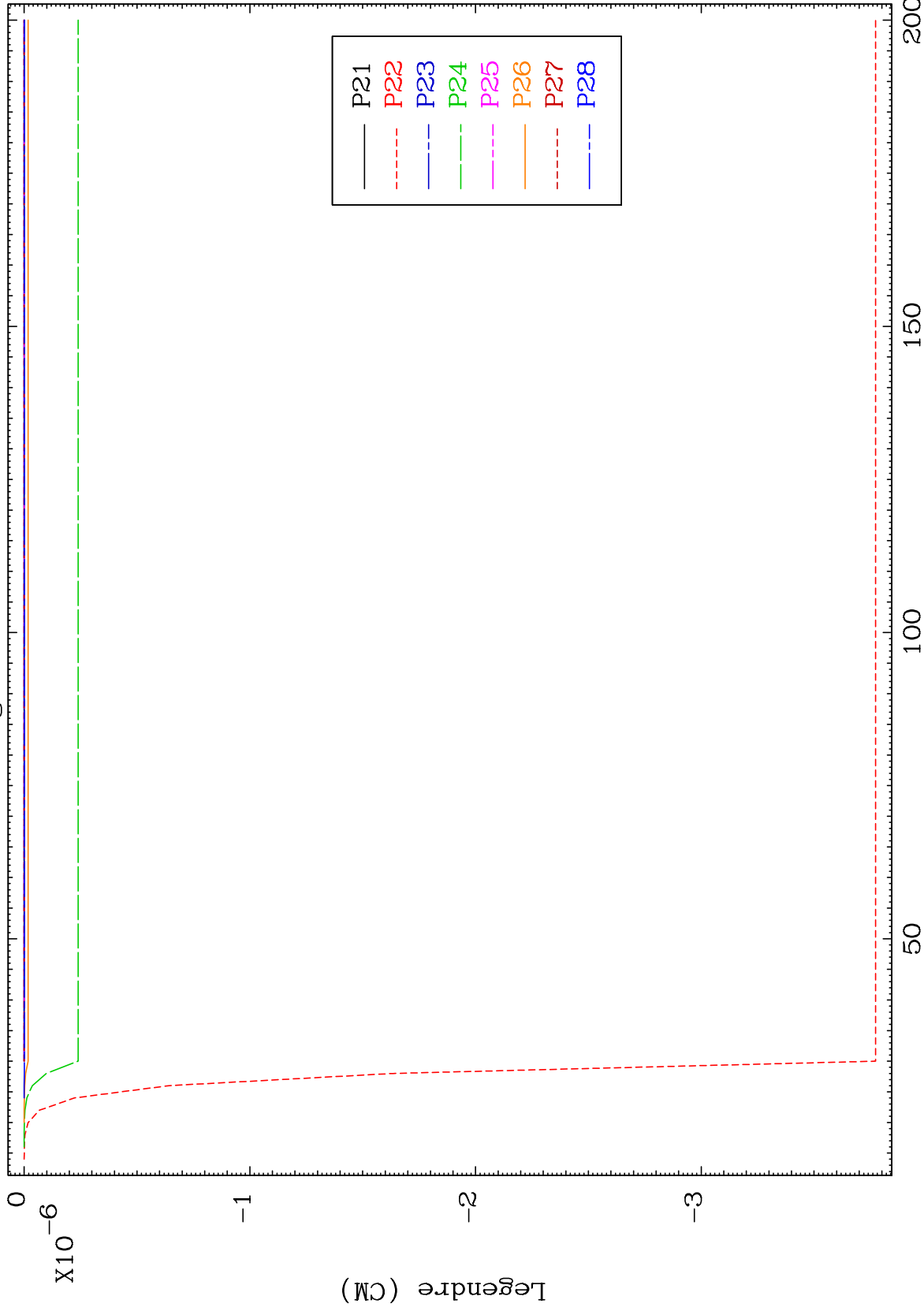
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



74

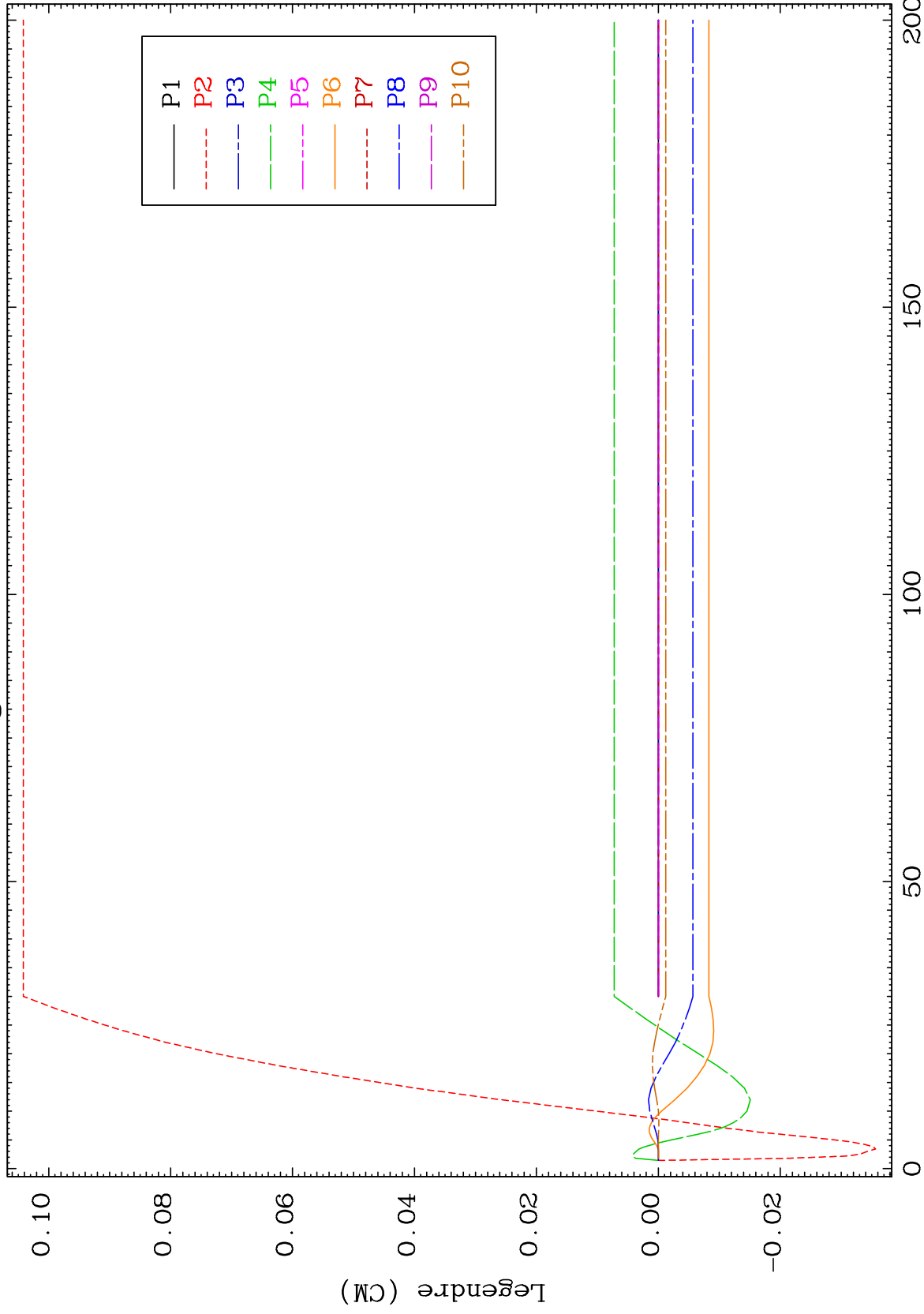
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



75

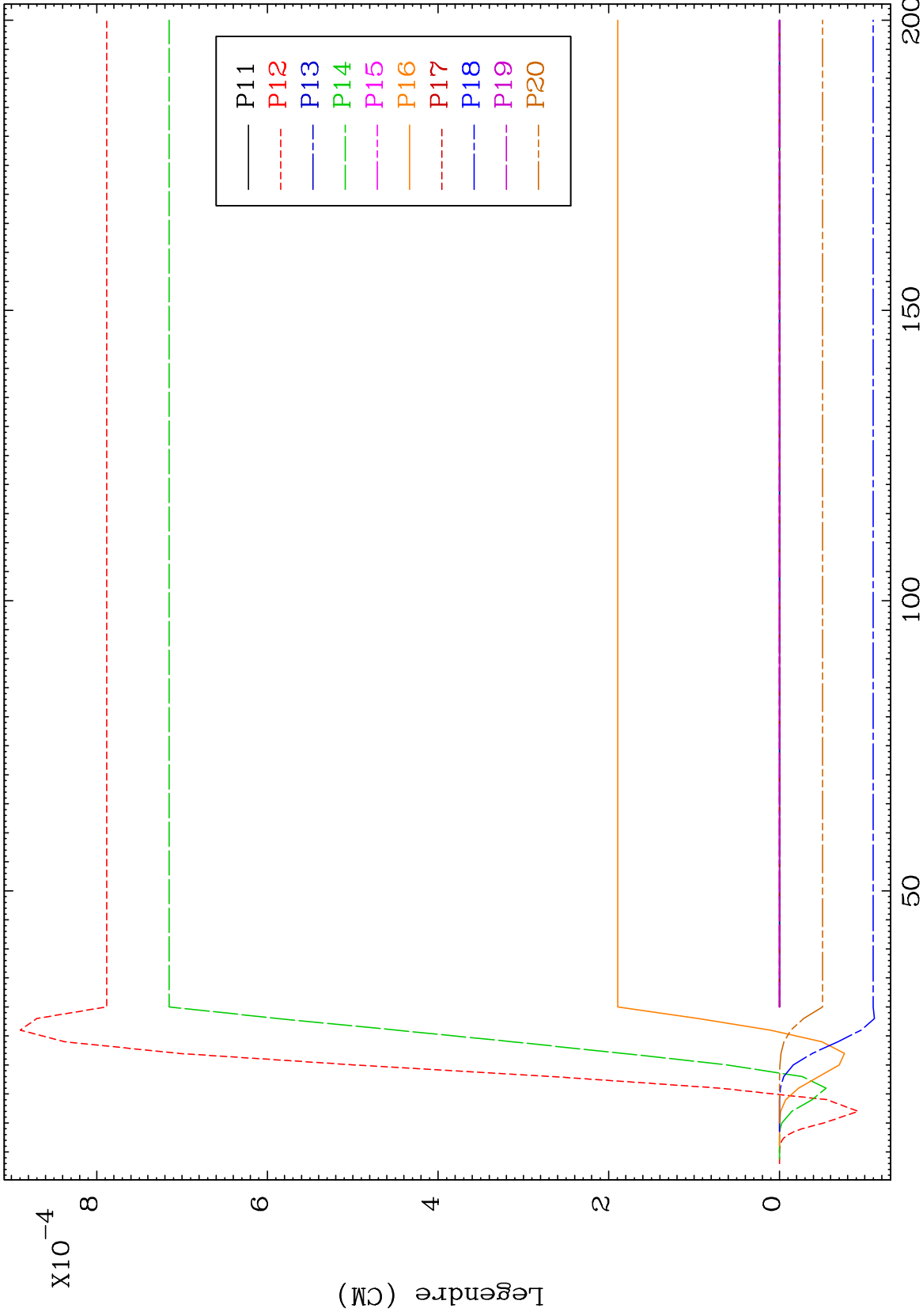
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



76

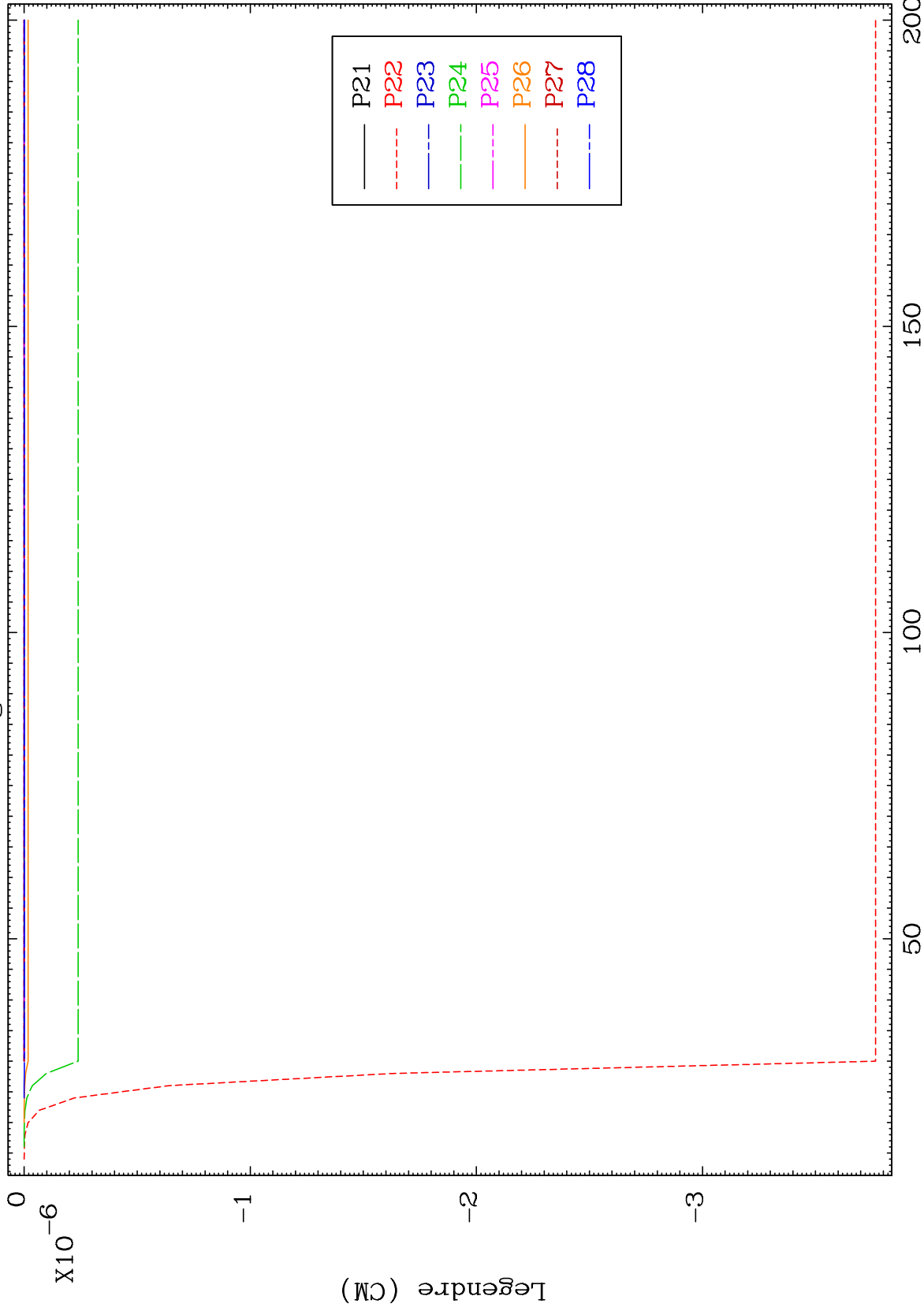
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



77

Incident Energy (MeV)

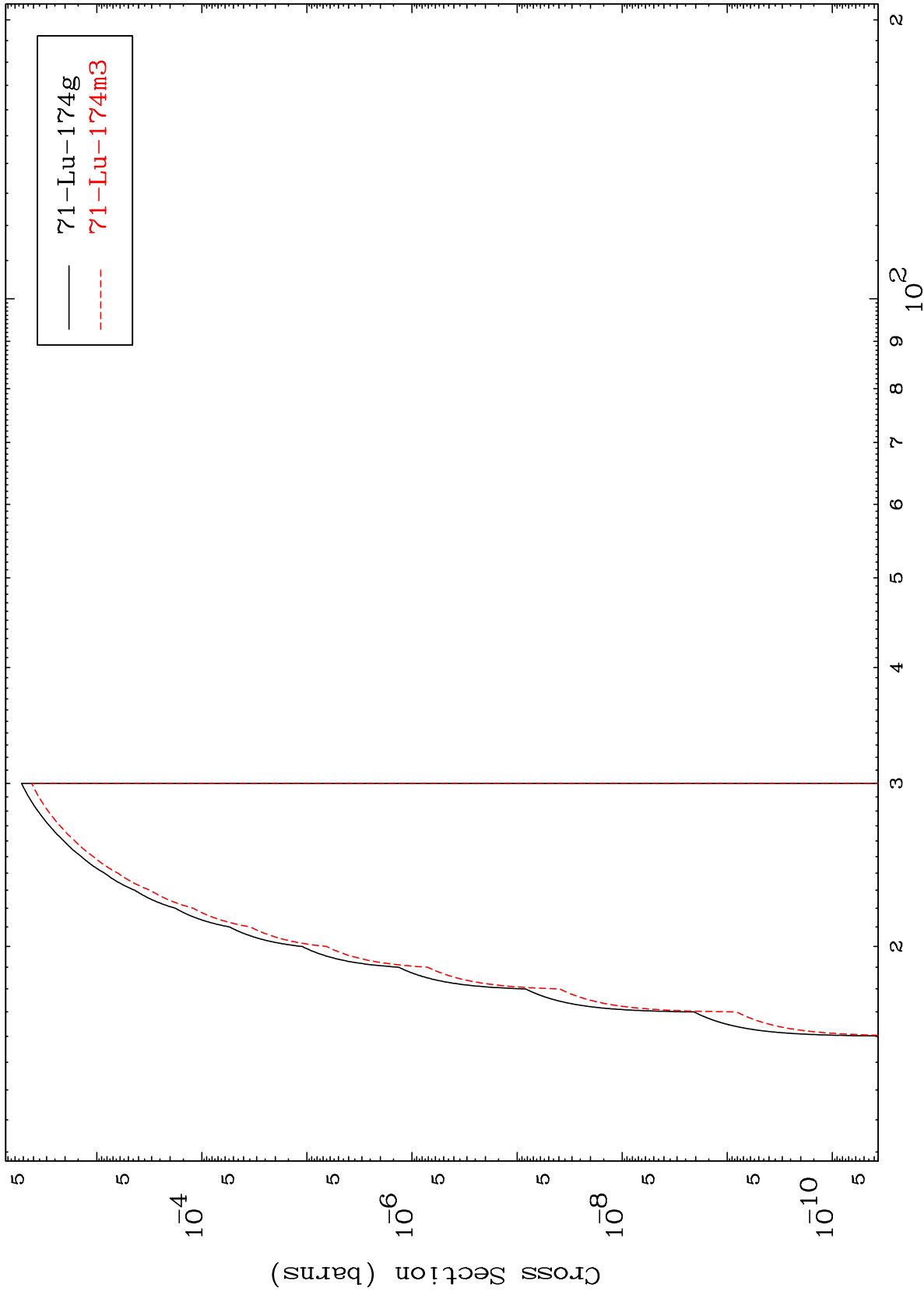
72-Hf-176

MAT 7231

(n, n') d

72-Hf-176

Radionuclide Production Cross Section



78

Incident Energy (MeV)

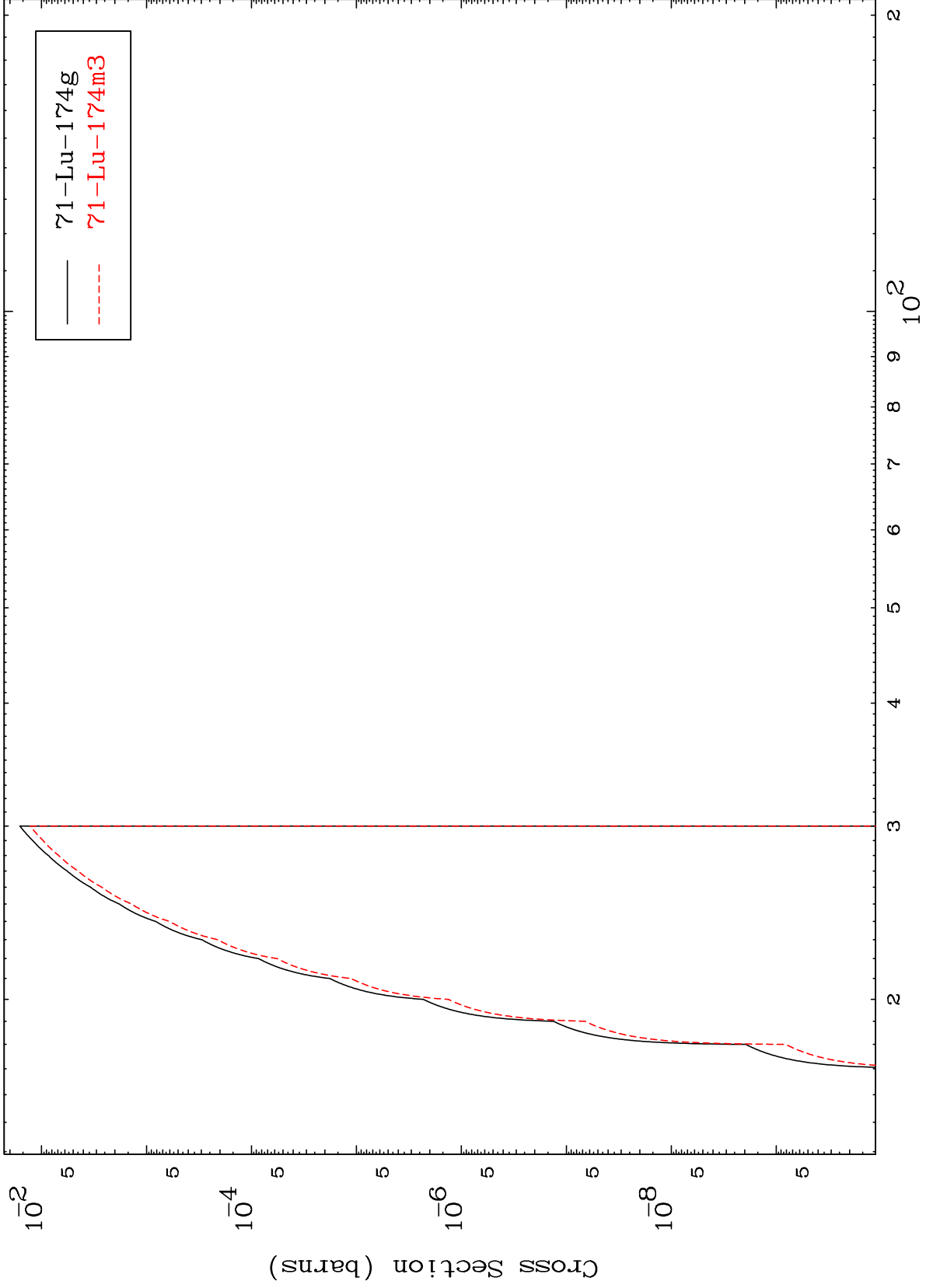
72-Hf-176

MAT 7231

(n,2n) p

72-Hf-176

Radionuclide Production Cross Section



79

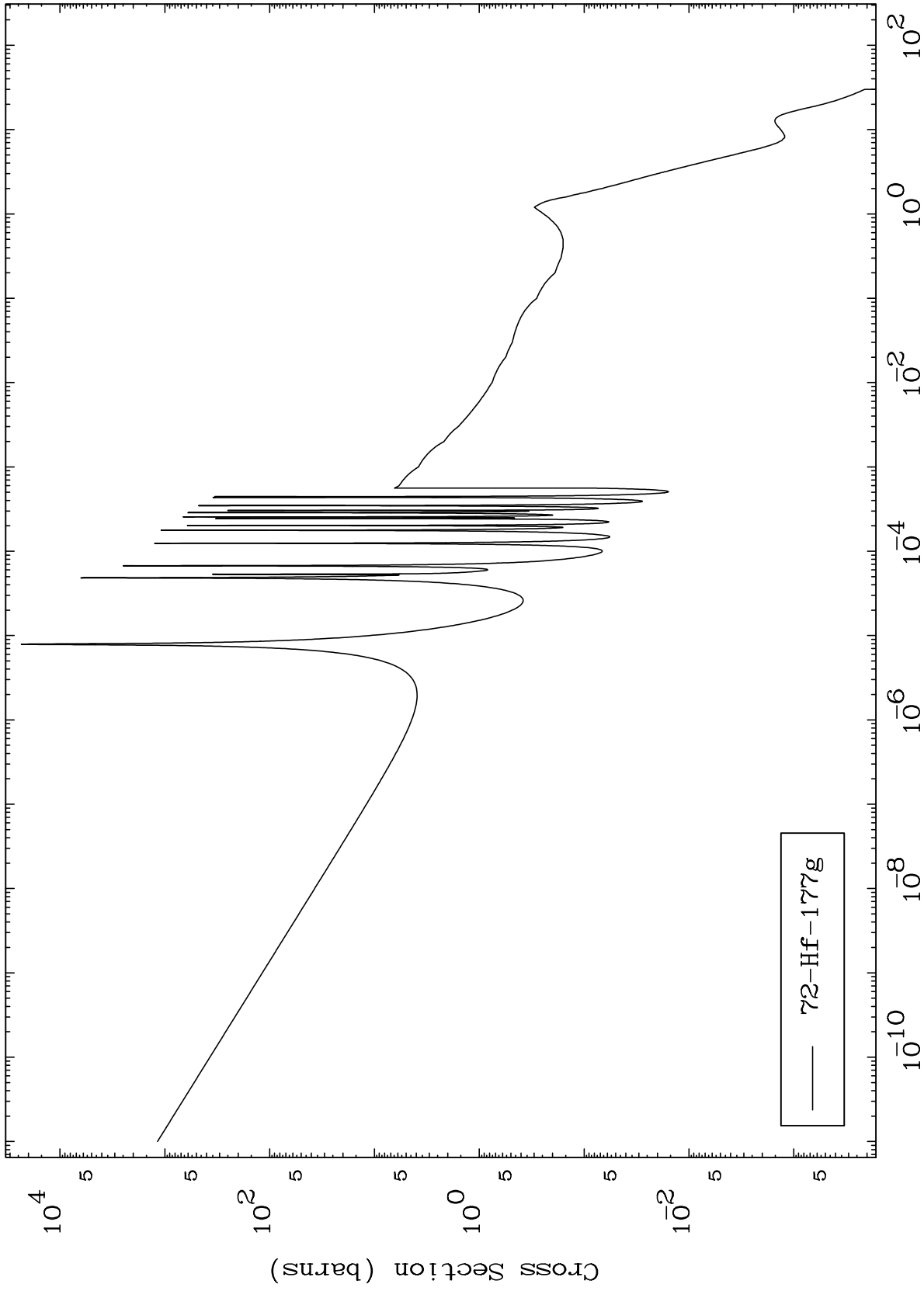
Incident Energy (MeV)

72-Hf-176

MAT 7231

72-Hf-176

(n, γ)
Radionuclide Production Cross Section

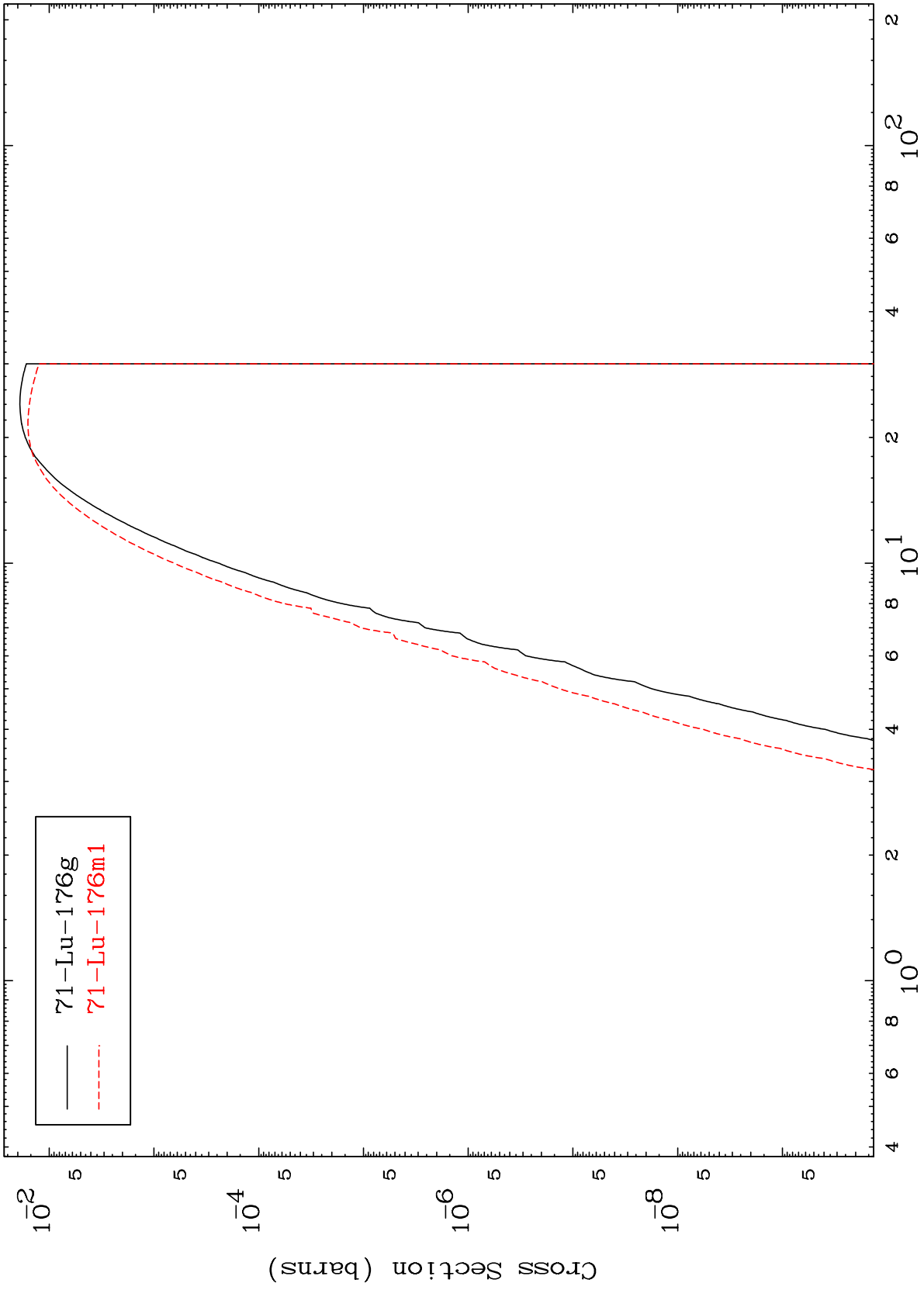


72-Hf-176g

MAT 7231

72-Hf-176

(n,p)
Radionuclide Production Cross Section



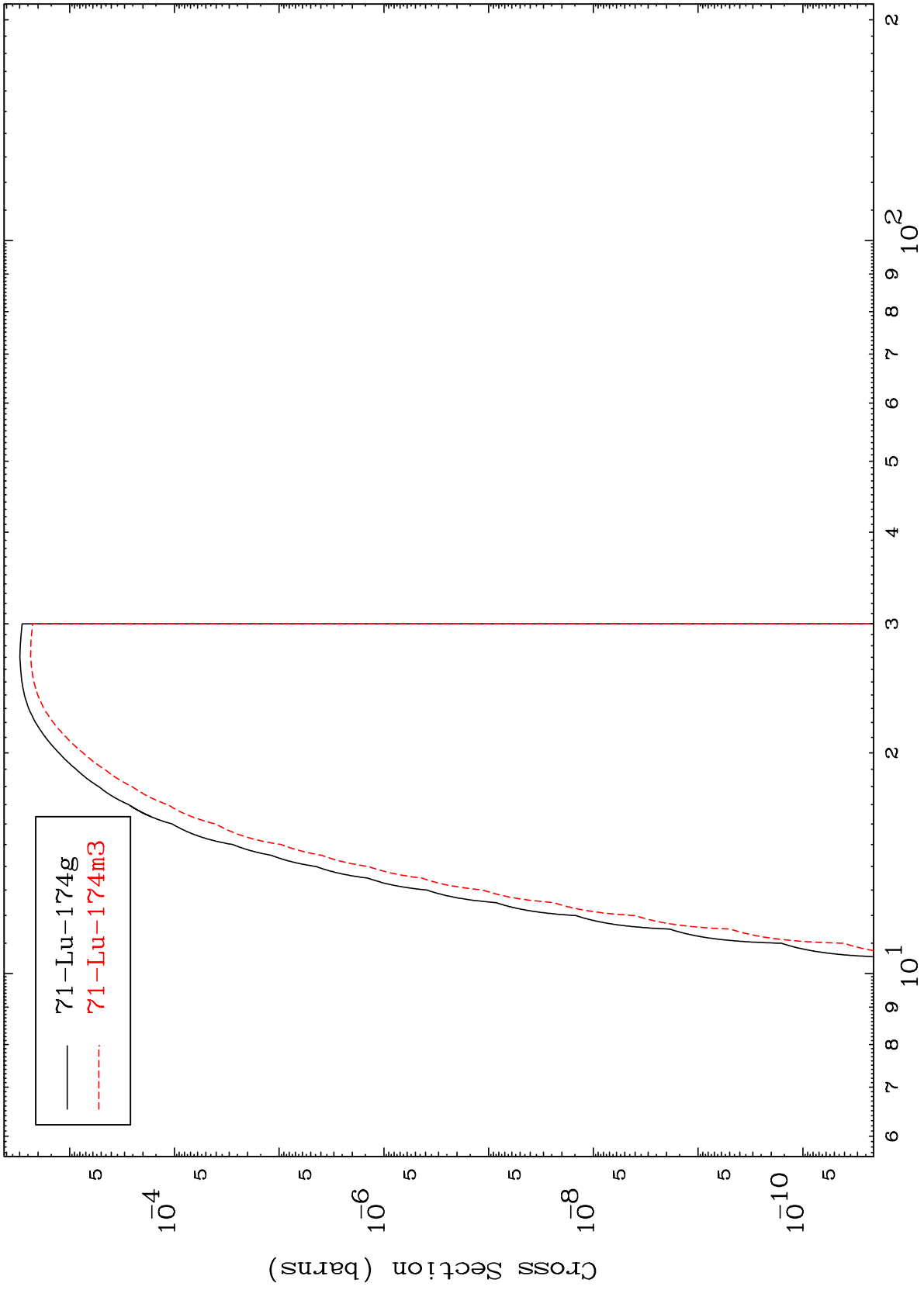
81

72-Hf-176

MAT 7231

72-Hf-176

(n, t)
Radionuclide Production Cross Section



82

Incident Energy (MeV)

72-Hf-176