

Program EVALPLOT
(Version 2015-2)

by

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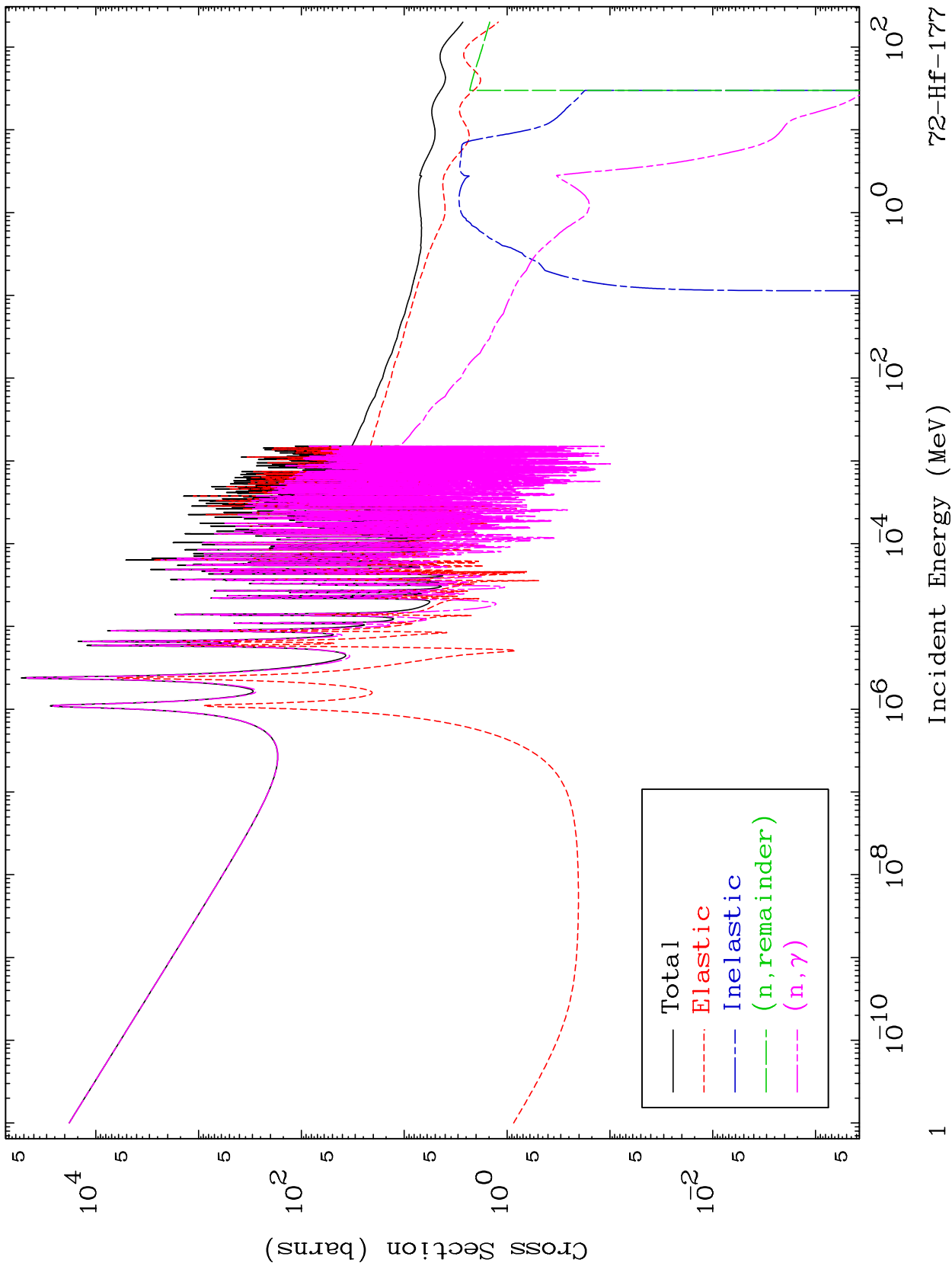
Press Mouse Button to Start

MAT 7234

Major

293 Kelvin Cross Sections

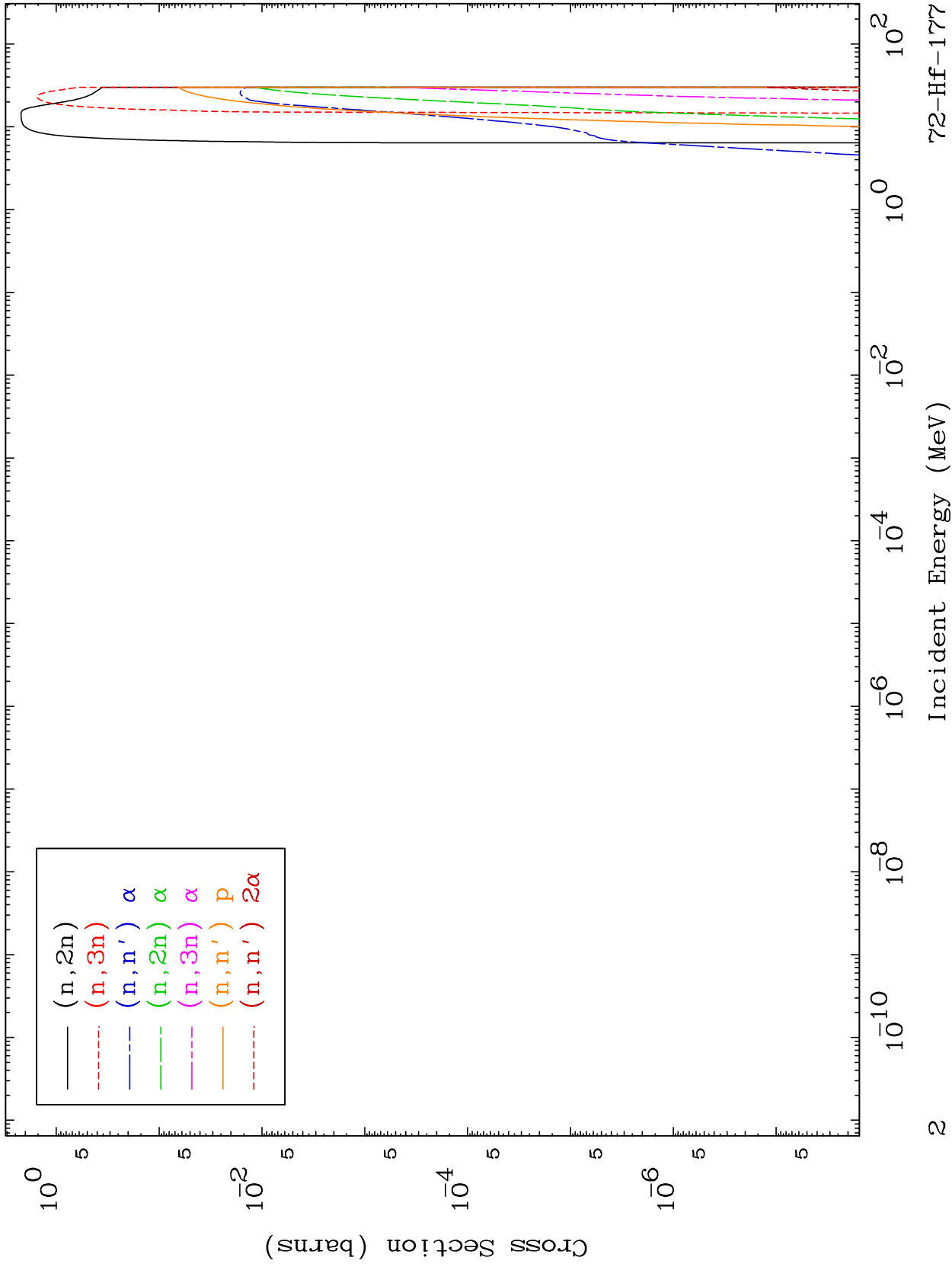
72-Hf-177

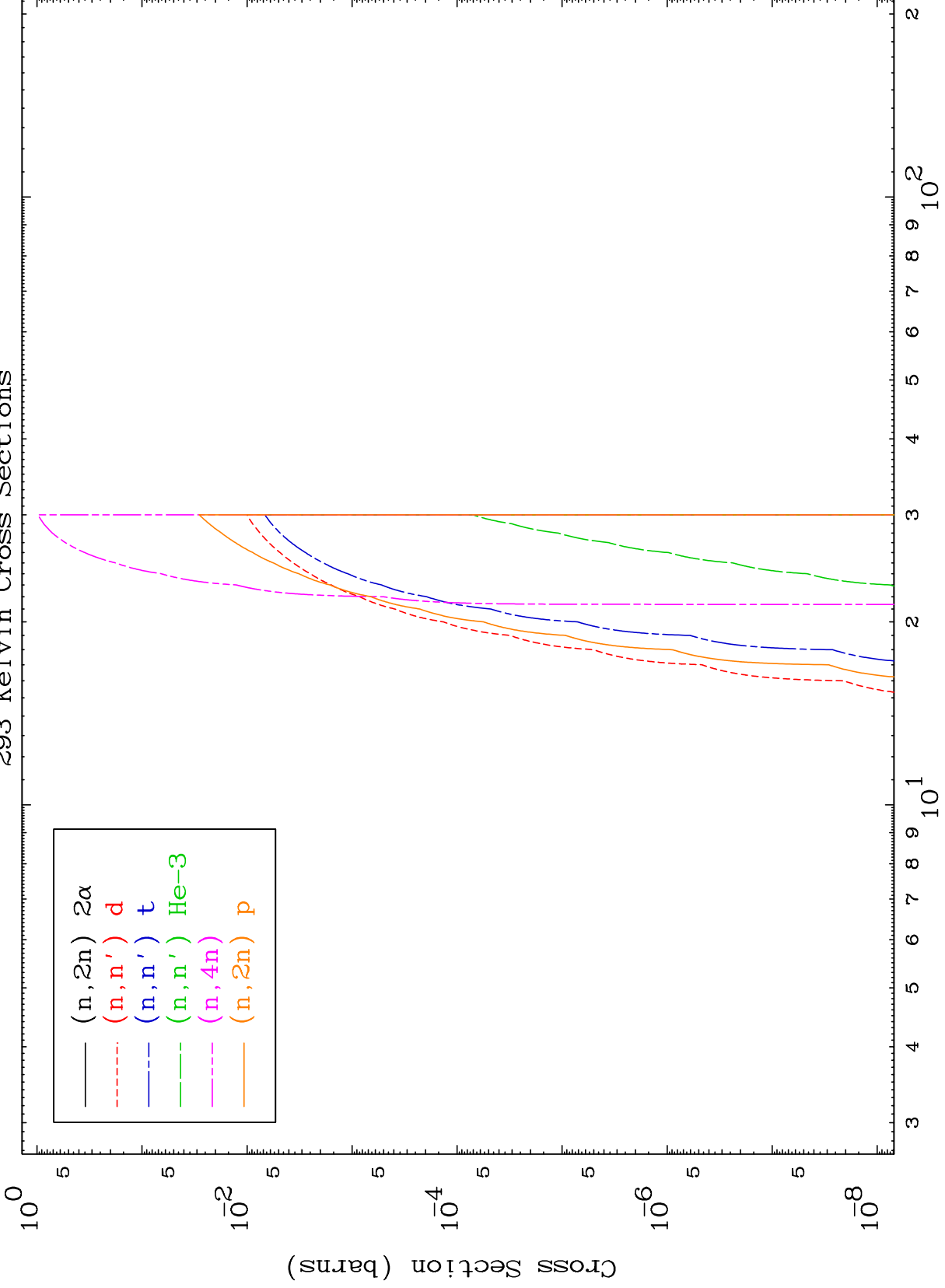


MAT 7234

Neutron Production
293 Kelvin Cross Sections

72-Hf-177

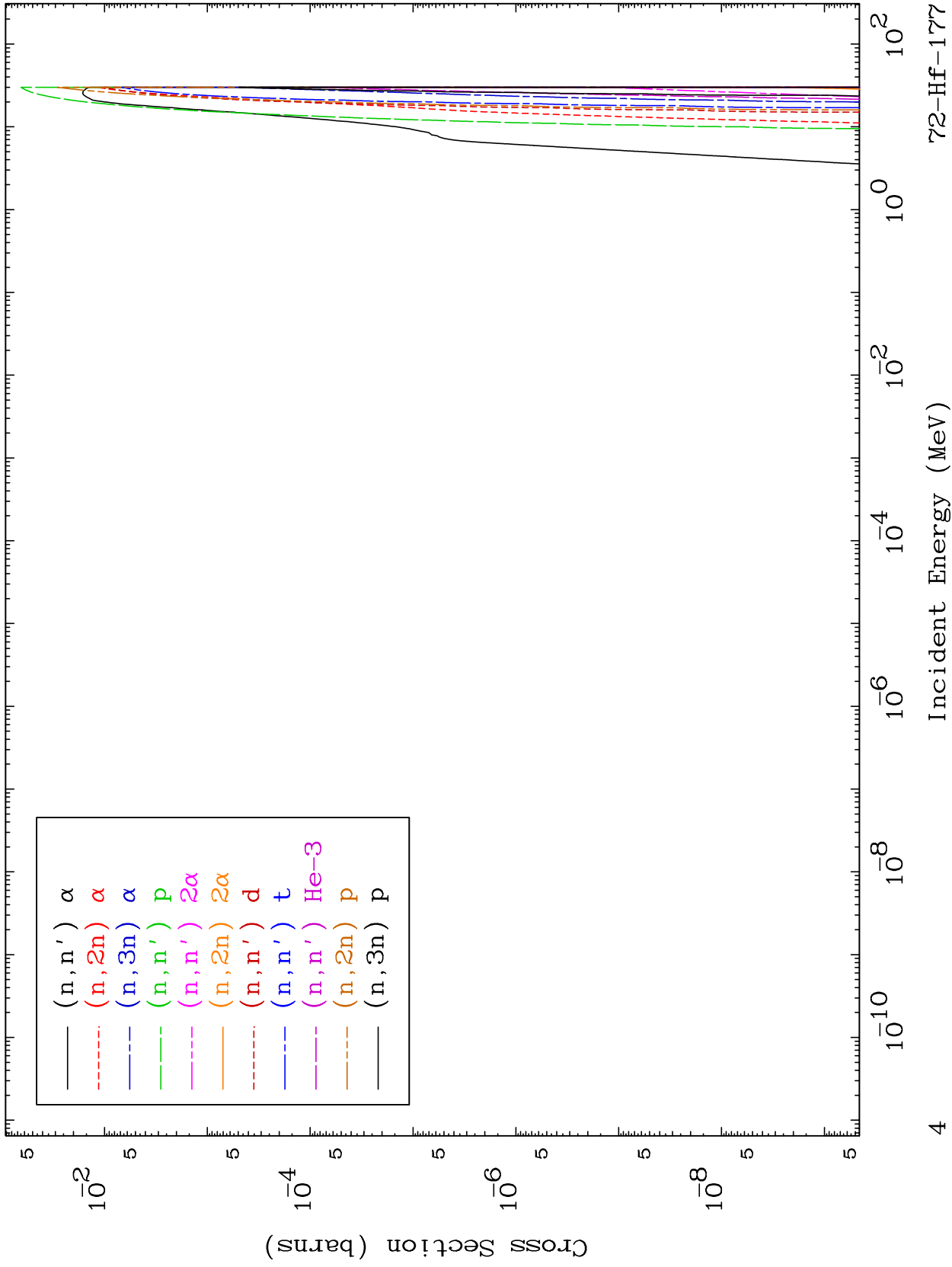




MAT 7234

293 Charged Particle
Kelvin Cross Sections

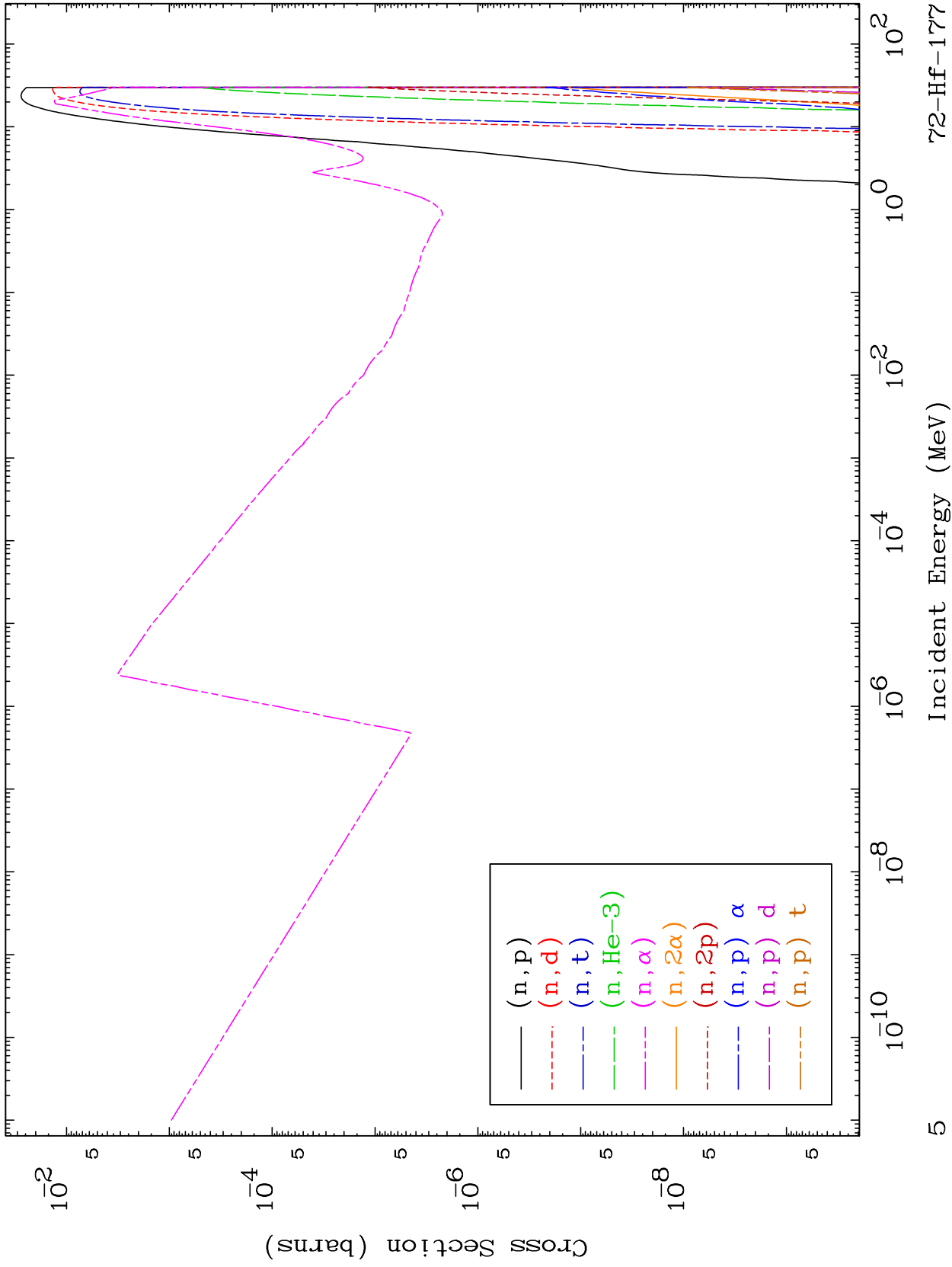
72-Hf-177

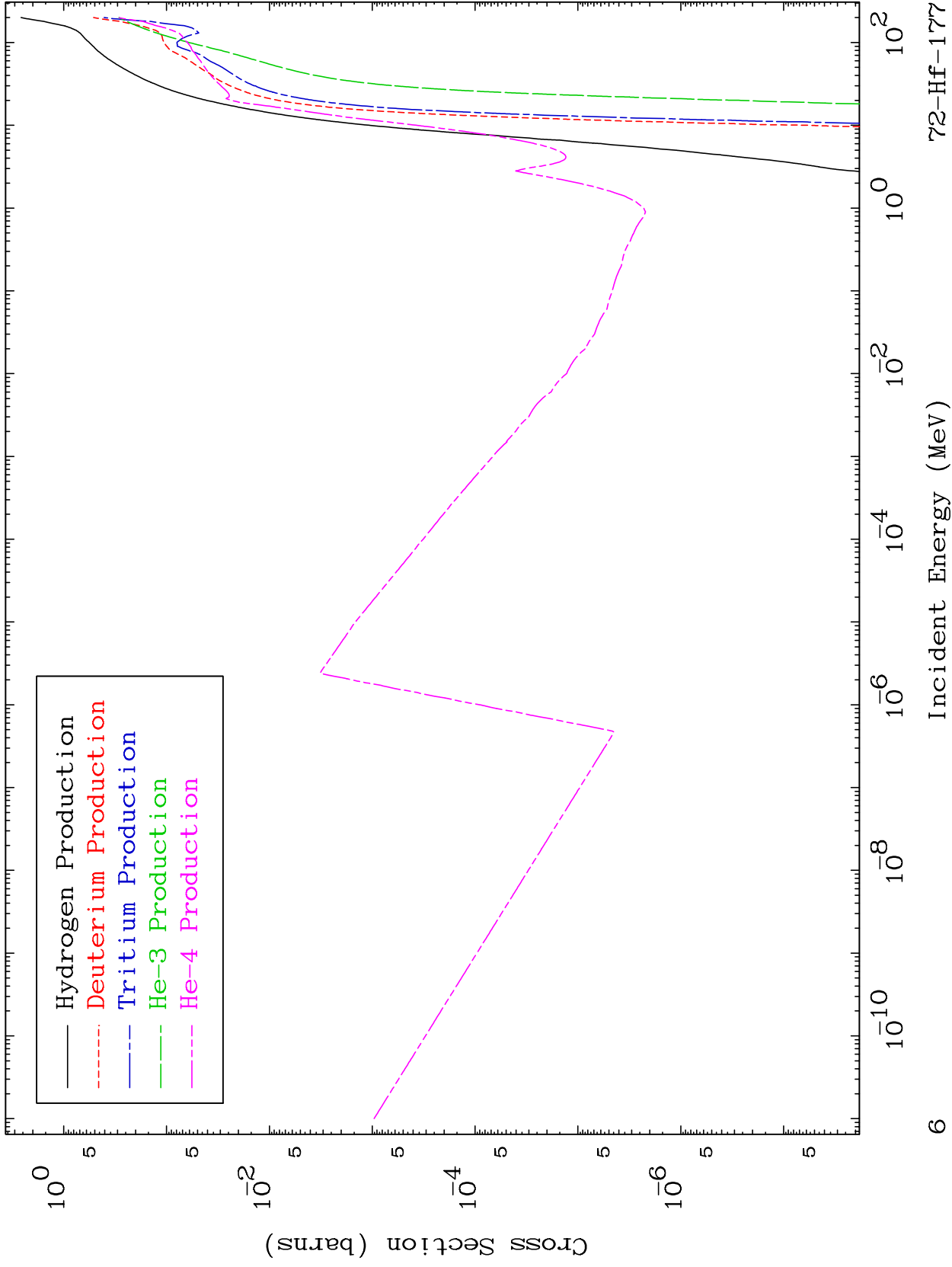


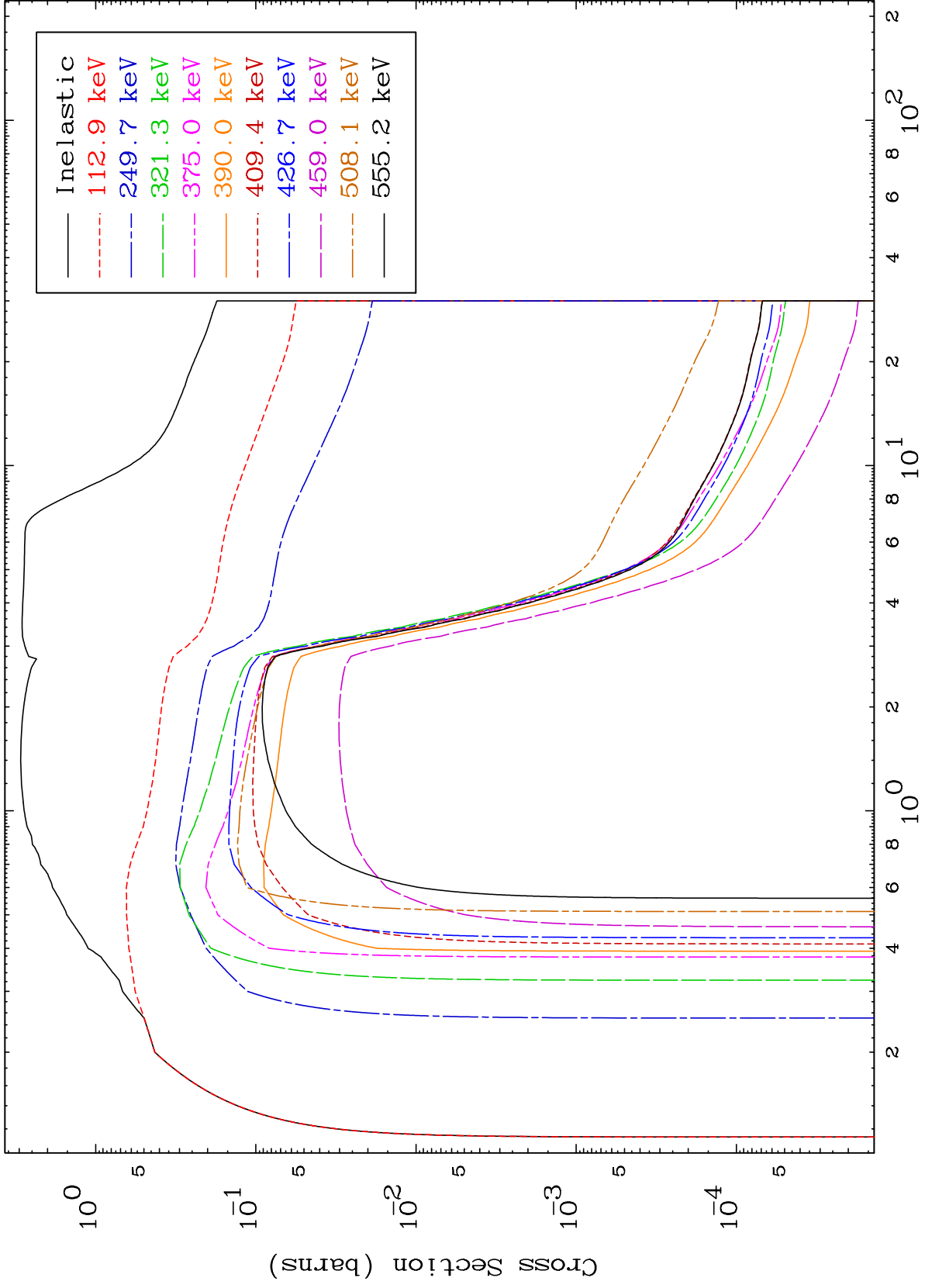
MAT 7234

Charged Particle
293 Kelvin Cross Sections

72-Hf-177



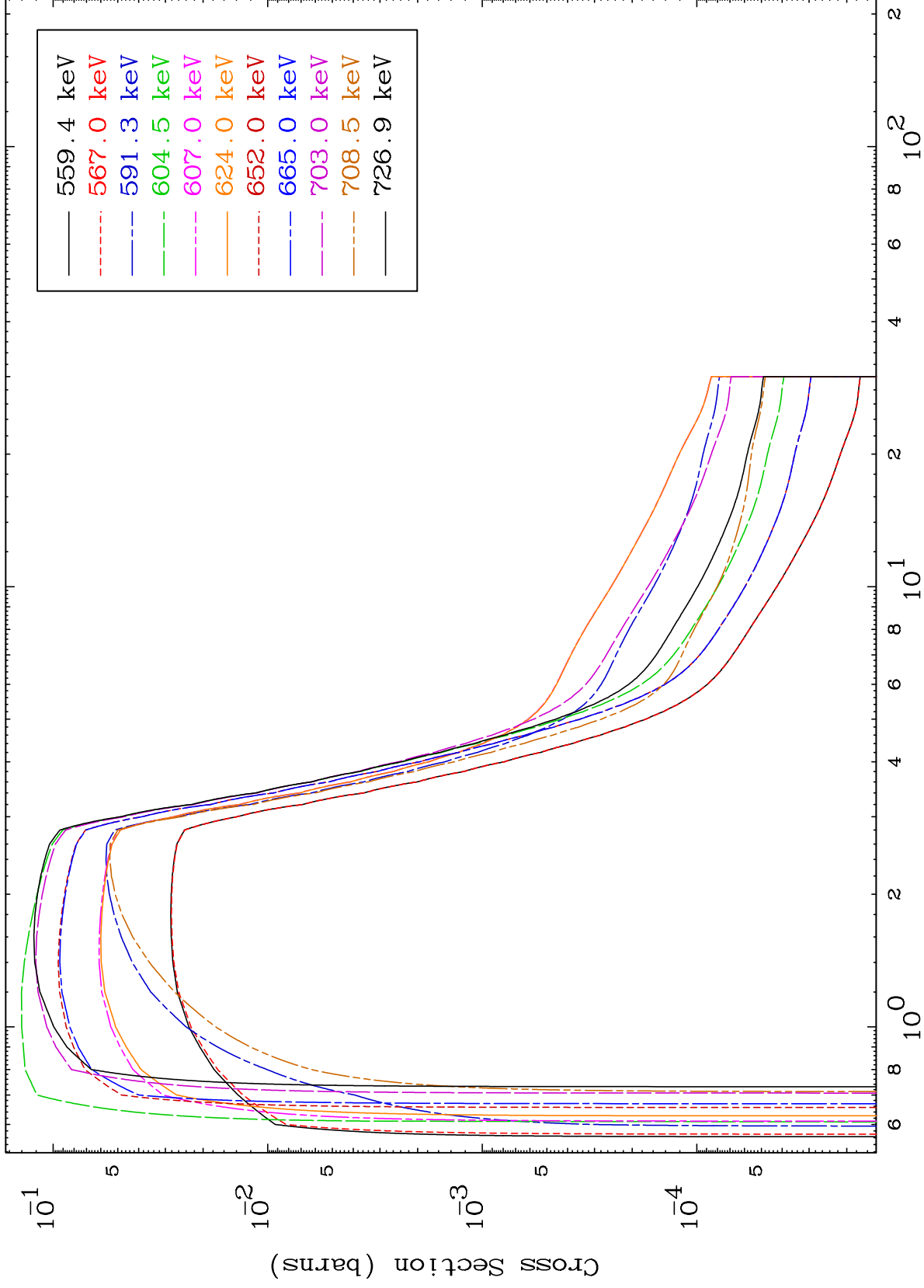




MAT 7234

(n,n') Level
293 Kelvin Cross Sections

72-Hf-177



8

Incident Energy (MeV)

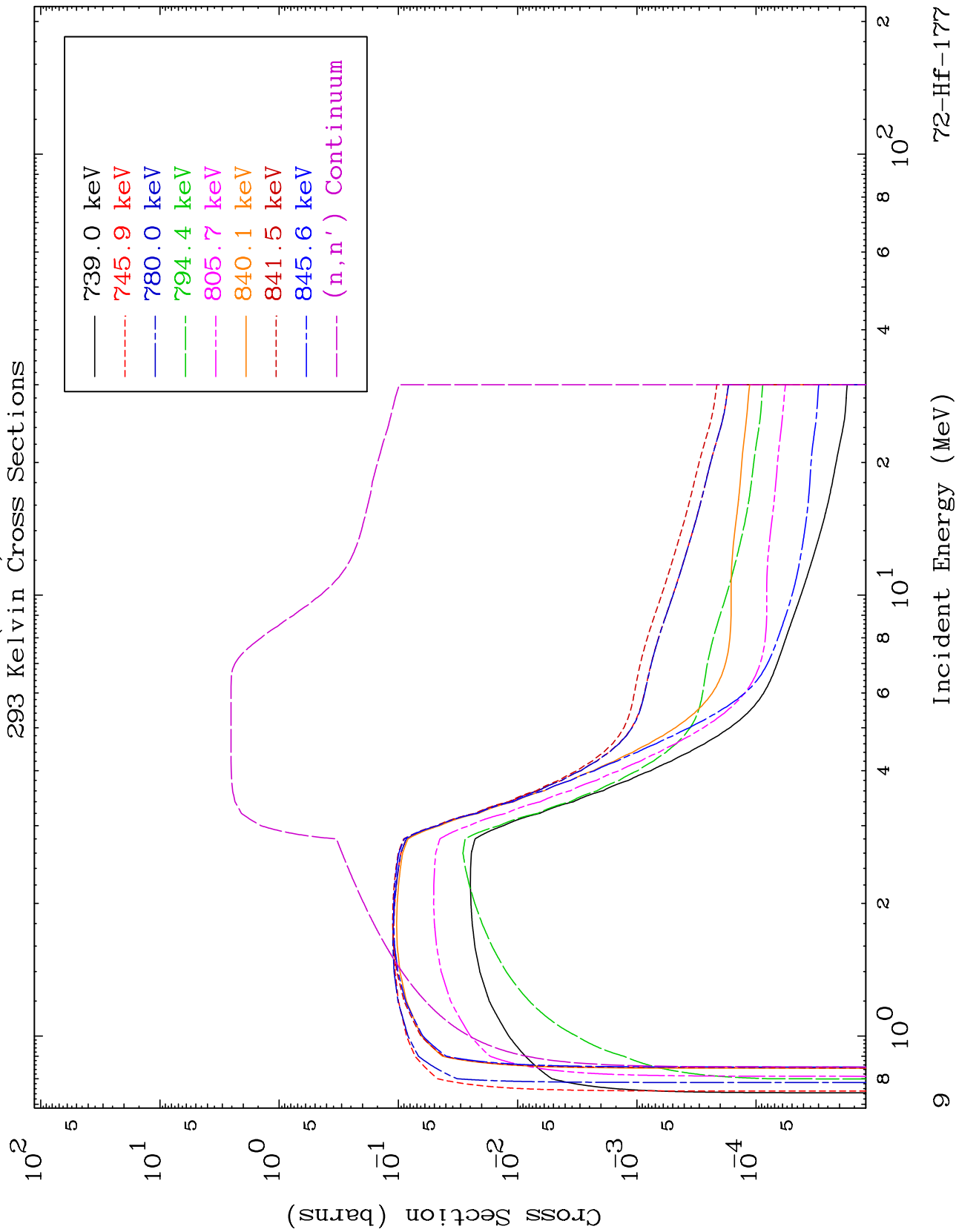
72-Hf-177

MAT 7234

(n,n') Level

72-Hf-177

293 Kelvin Cross Sections



9

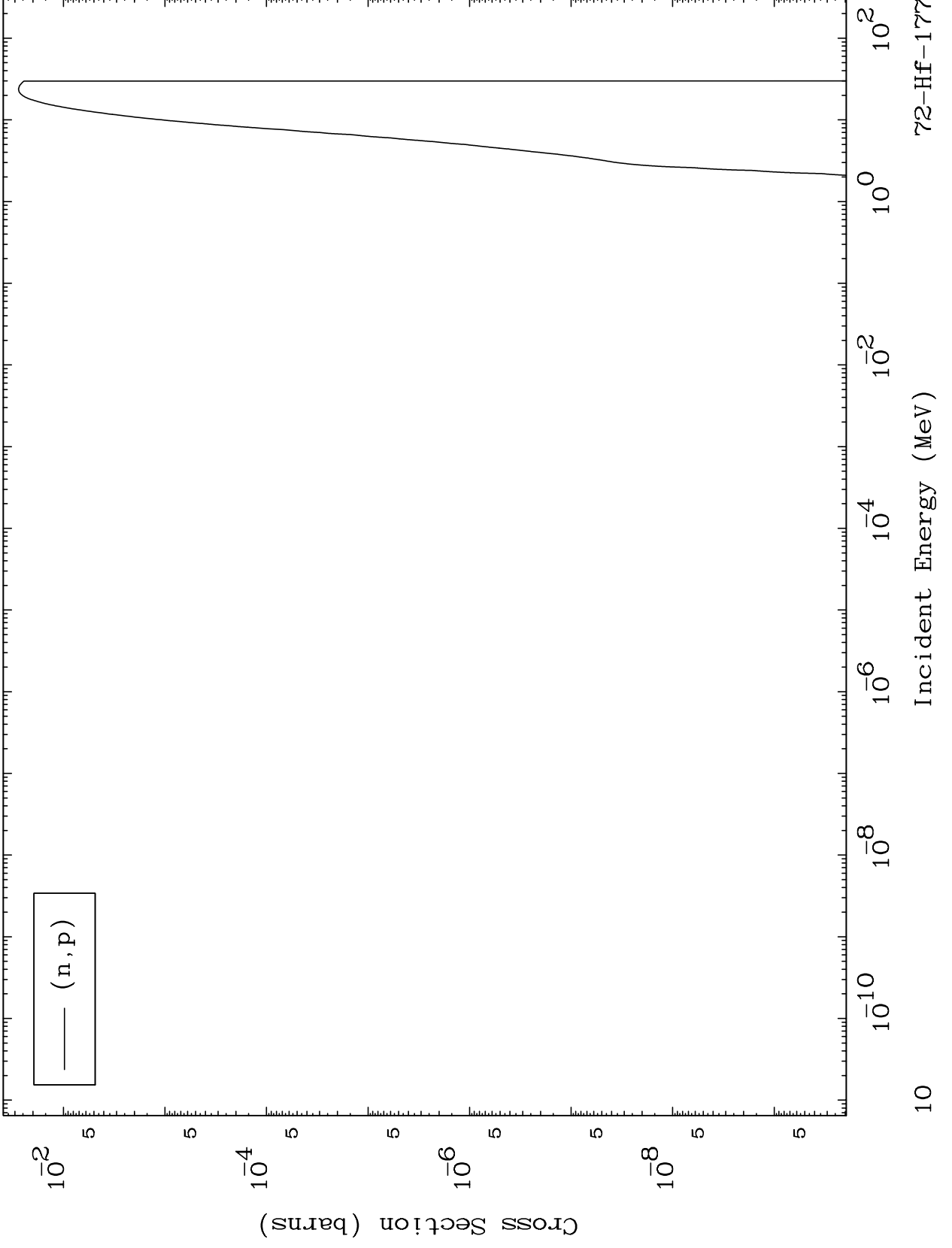
Incident Energy (MeV)

72-Hf-177

MAT 7234

(n,p) Levels
293 Kelvin Cross Sections

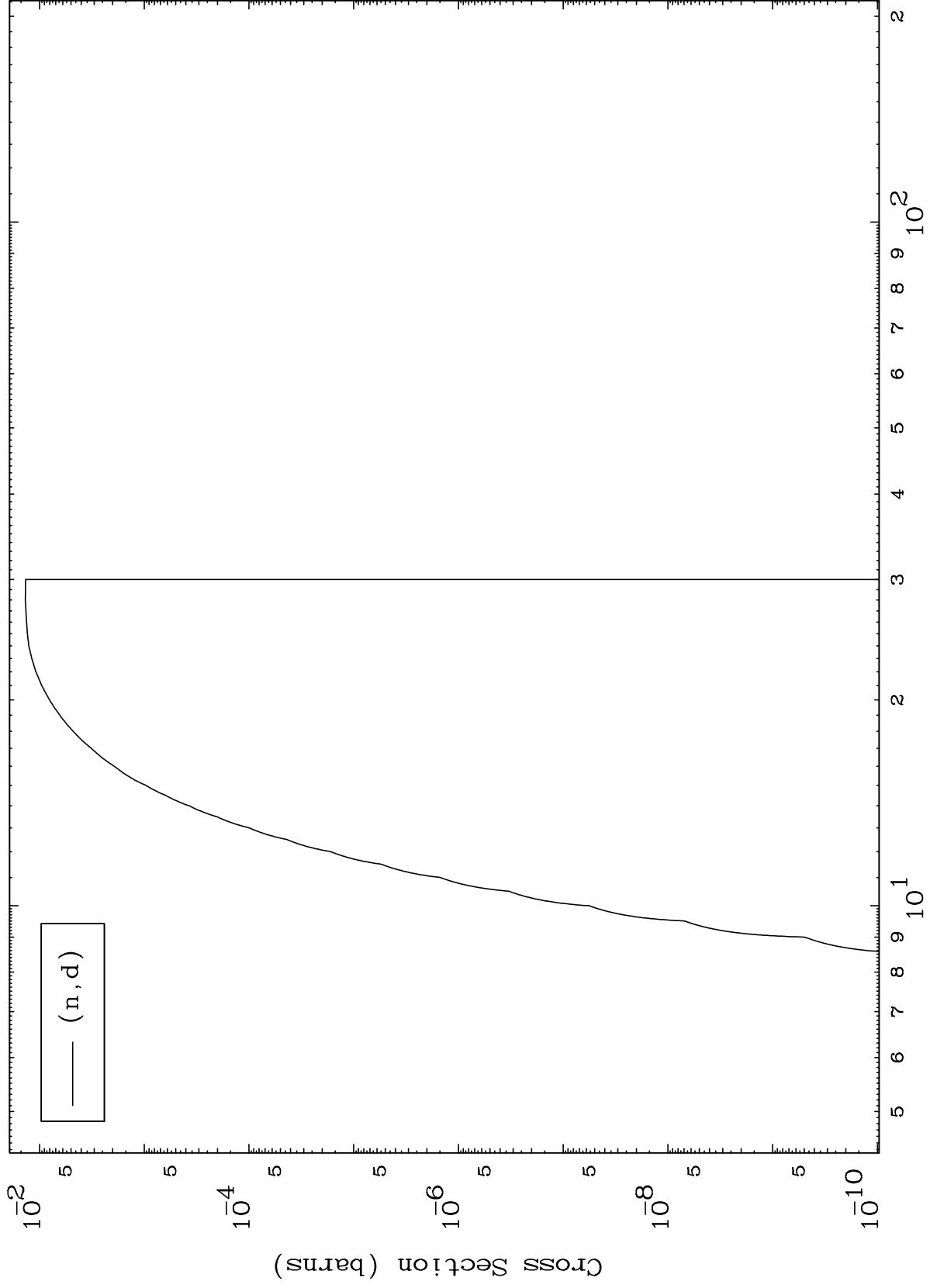
72-Hf-177



MAT 7234

(n,d) Levels
293 Kelvin Cross Sections

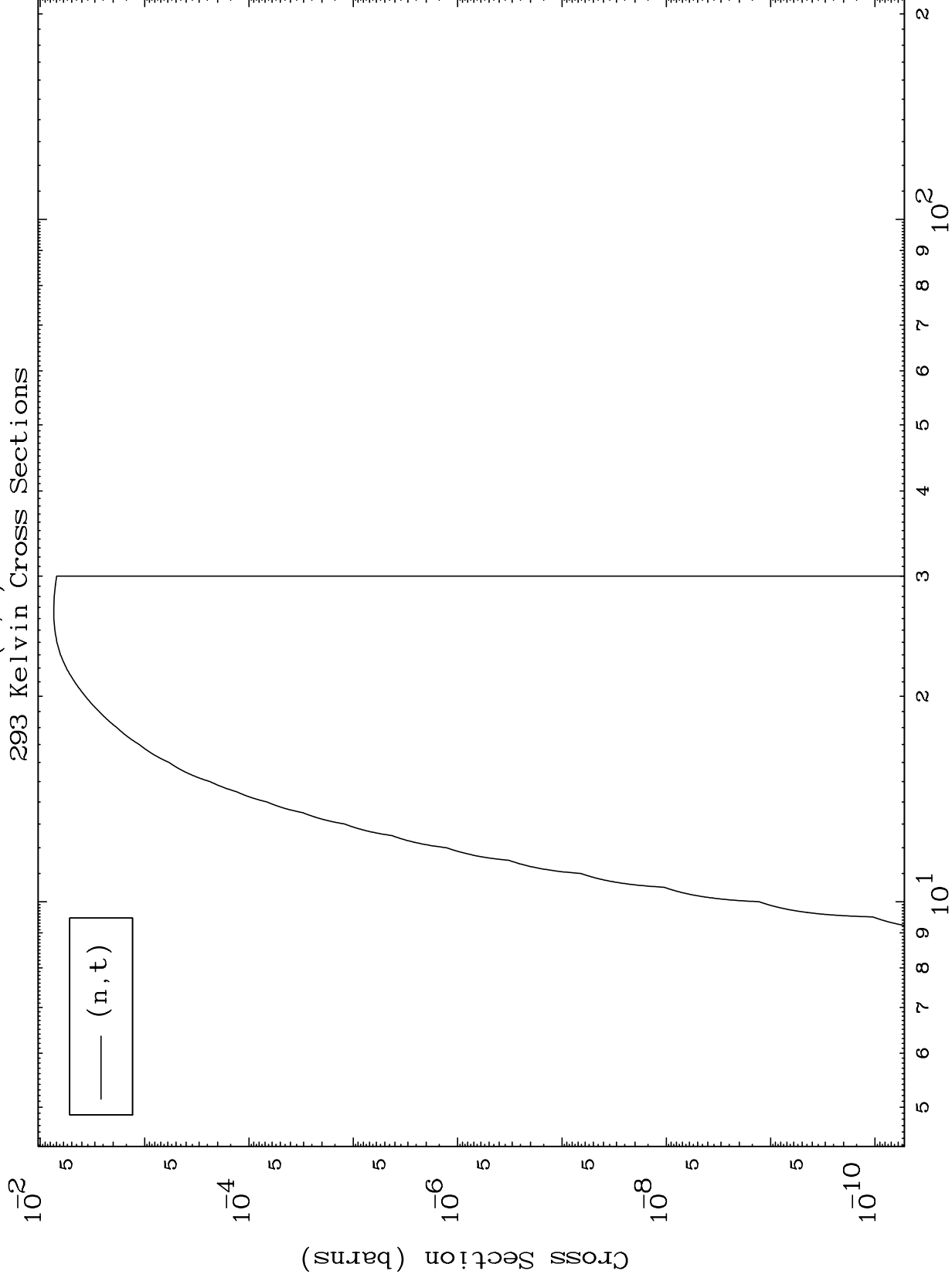
72-Hf-177



MAT 7234

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-177



12

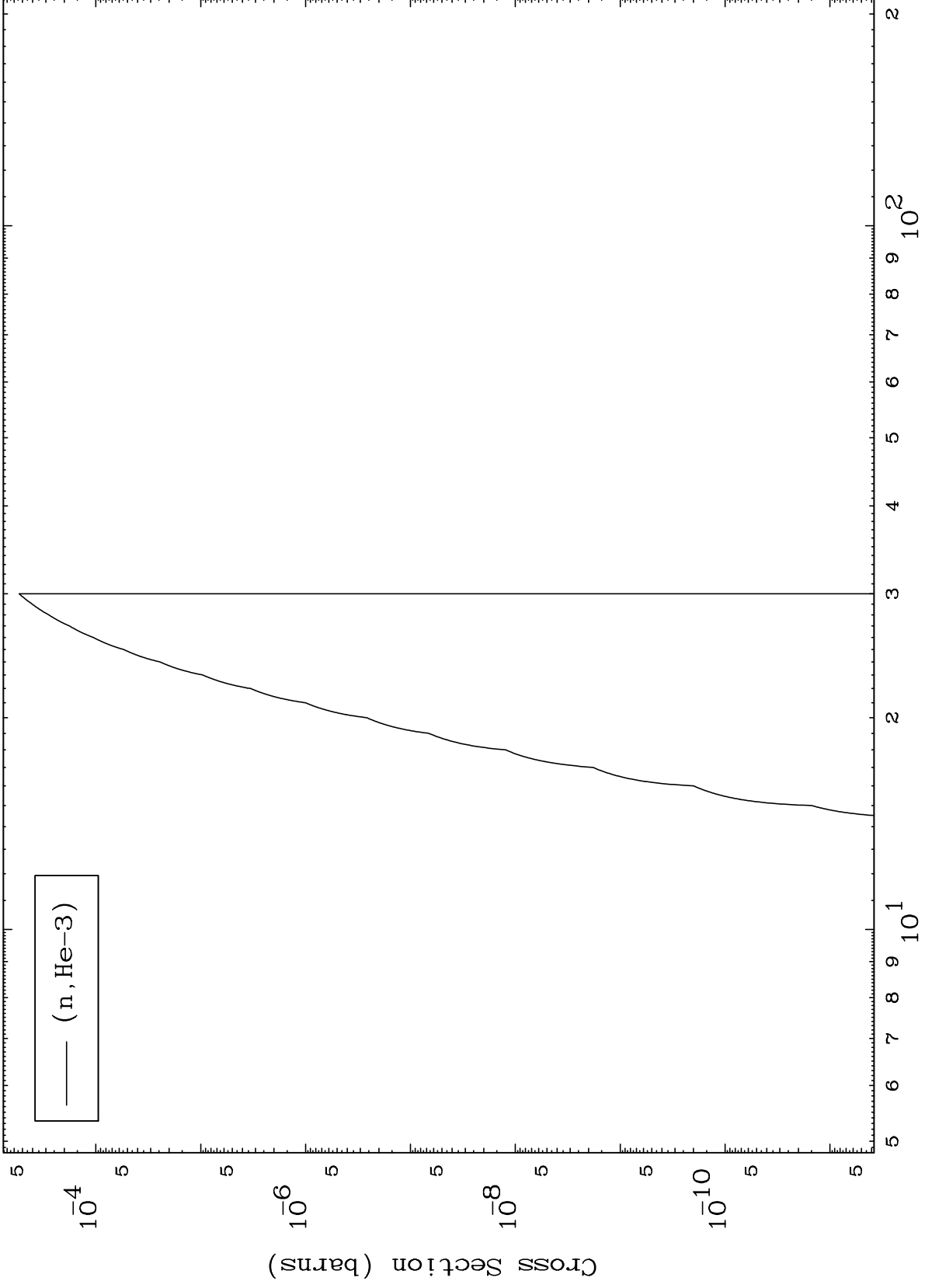
Incident Energy (MeV)

72-Hf-177

MAT 7234

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-177



13

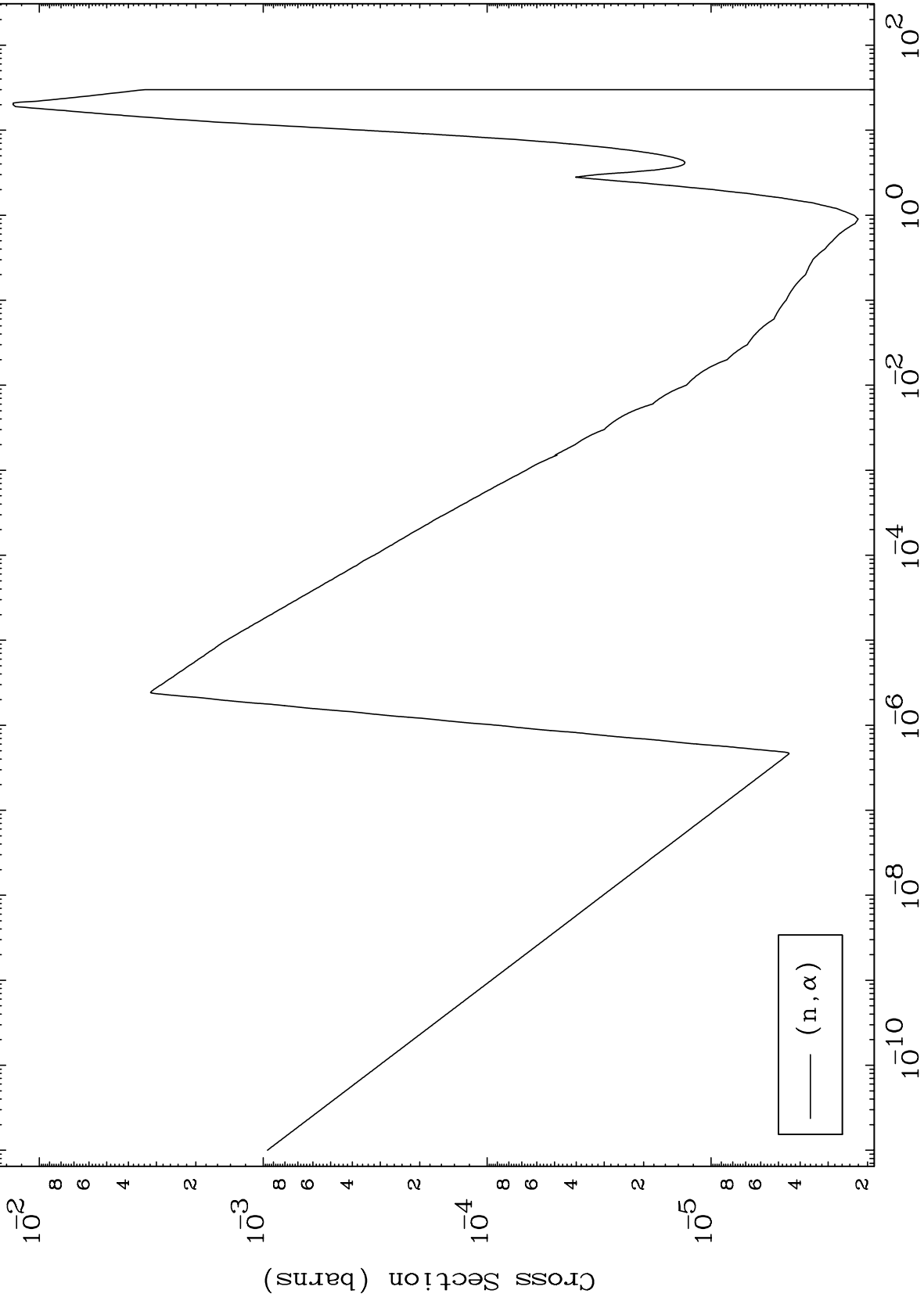
Incident Energy (MeV)

72-Hf-177

MAT 7234

(n, α) Levels
293 Kelvin Cross Sections

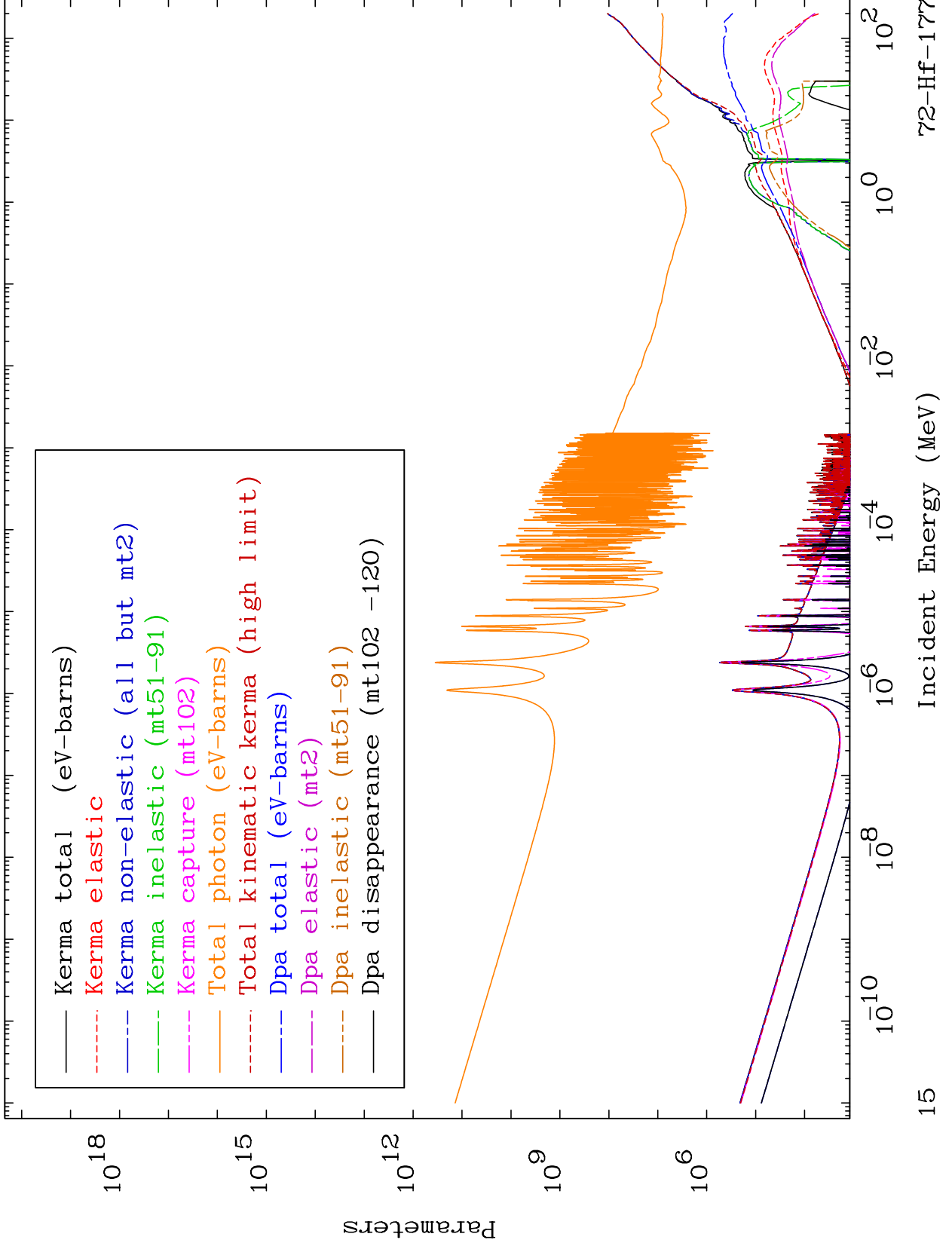
72-Hf-177



72-Hf-177

Incident Energy (MeV)

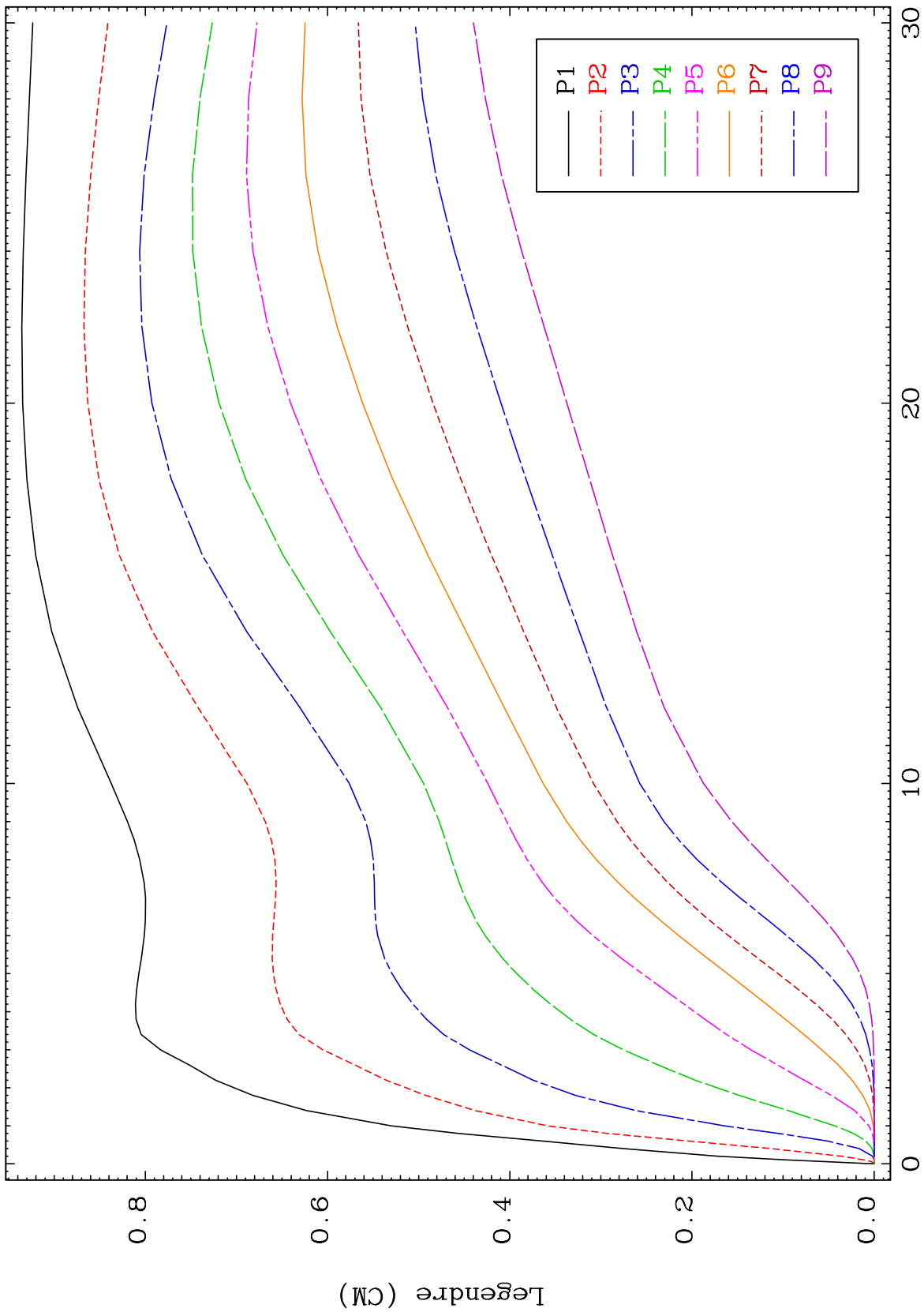
14



MAT 7234

Elastic Legendre Coefficients

72-Hf-177



16

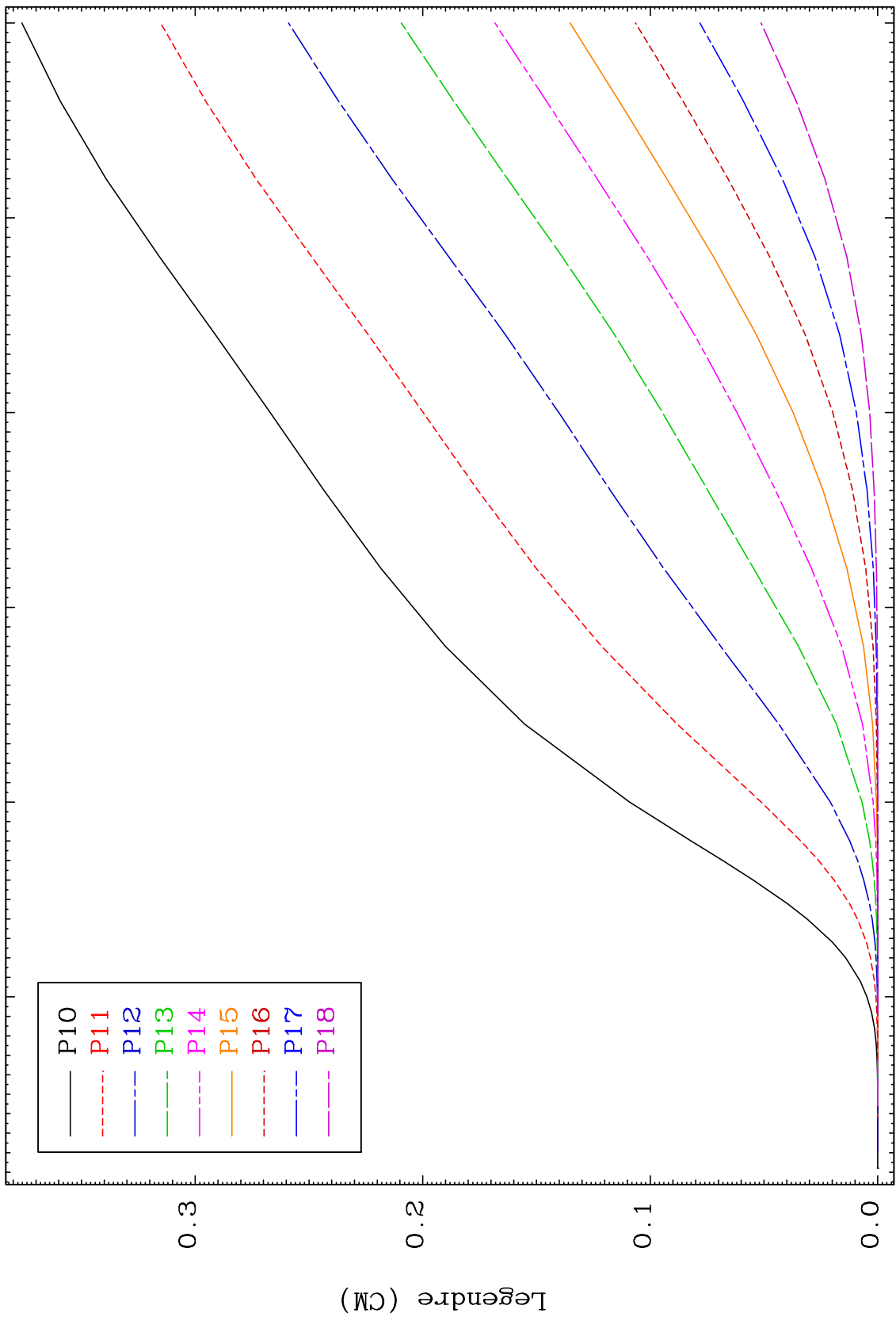
Incident Energy (MeV)

72-Hf-177

MAT 7234

Elastic Legendre Coefficients

72-Hf-177



17

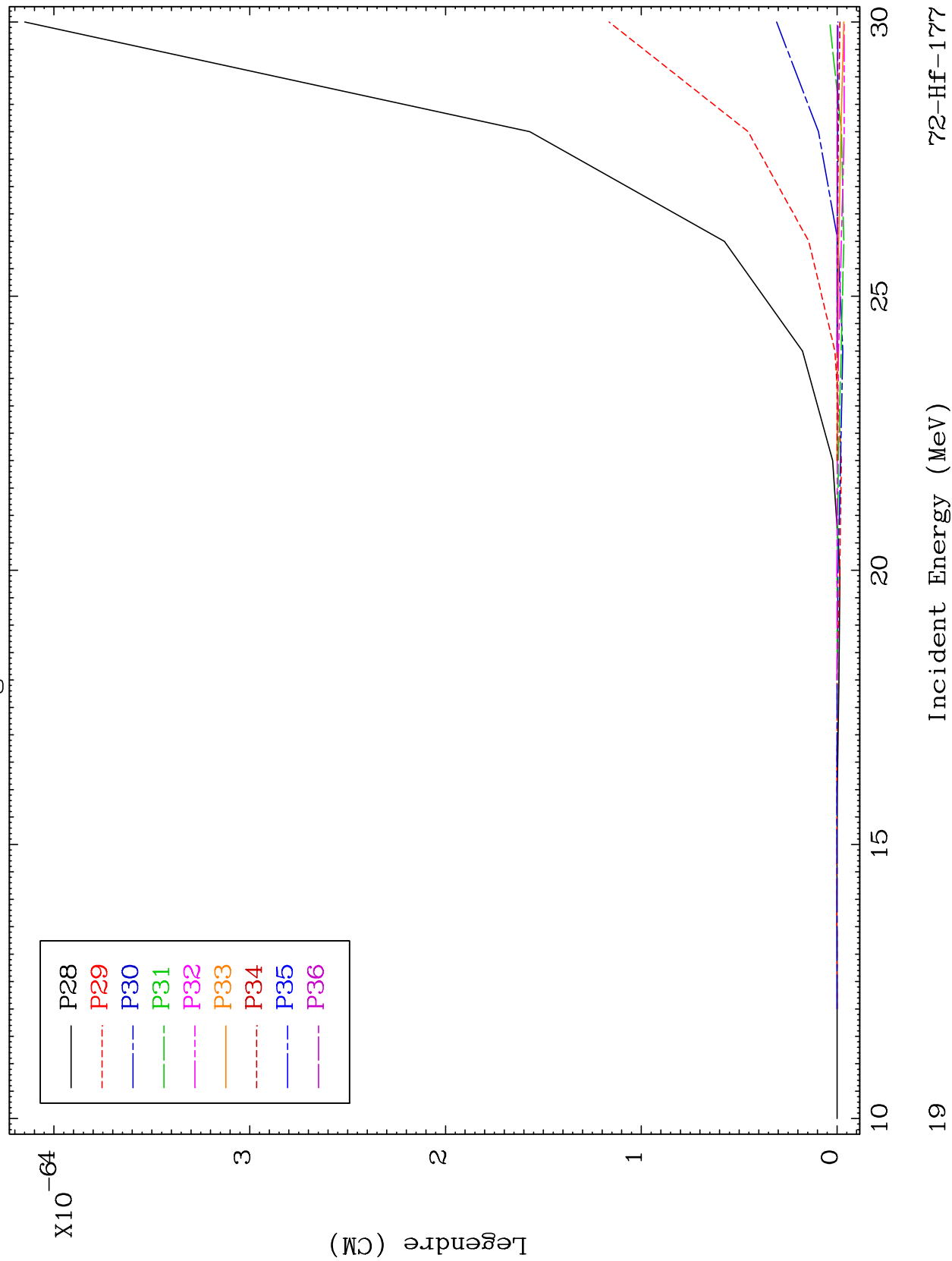
Incident Energy (MeV)

72-Hf-177

MAT 7234

Elastic Legendre Coefficients

72-Hf-177



19

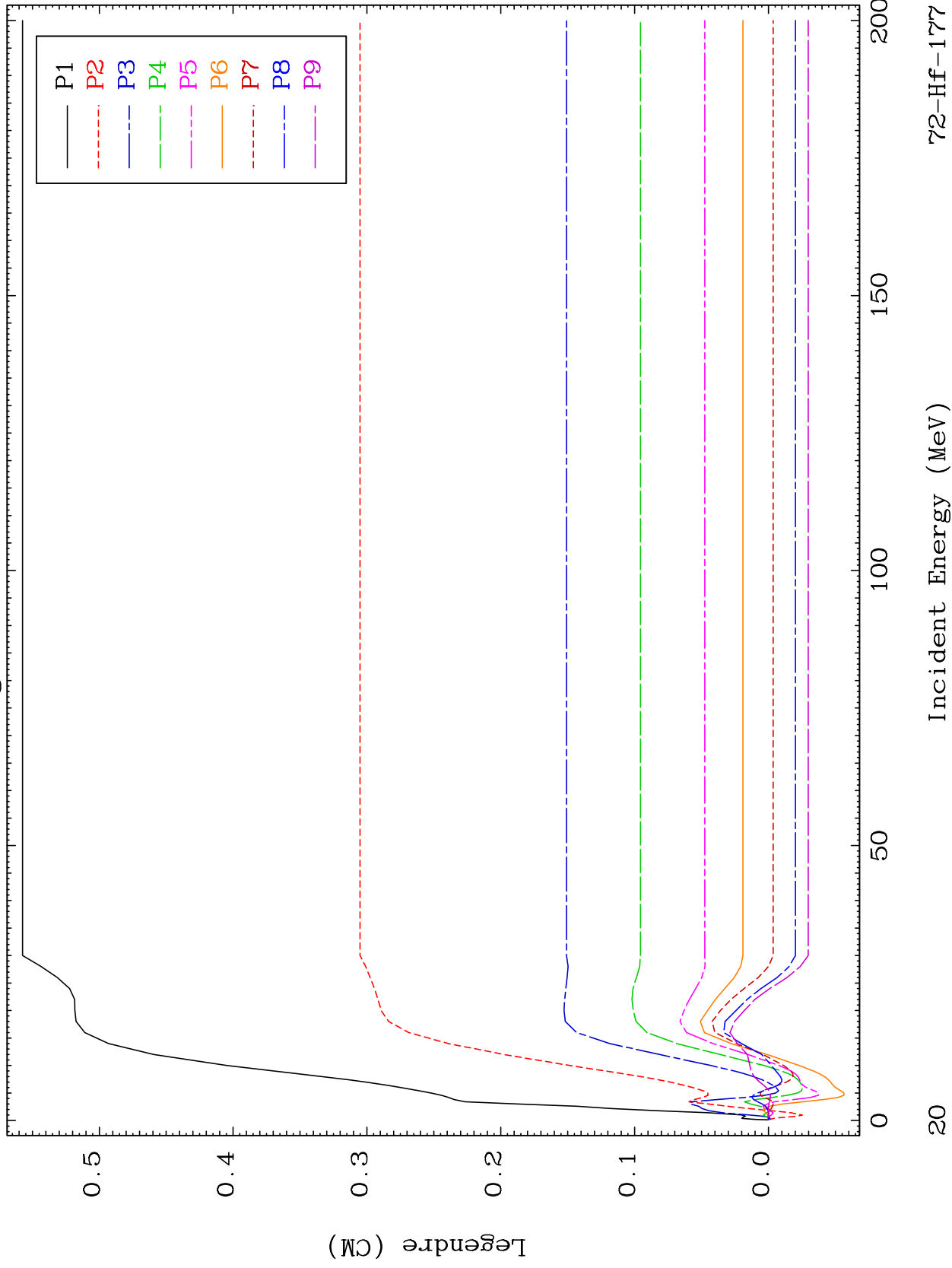
Incident Energy (MeV)

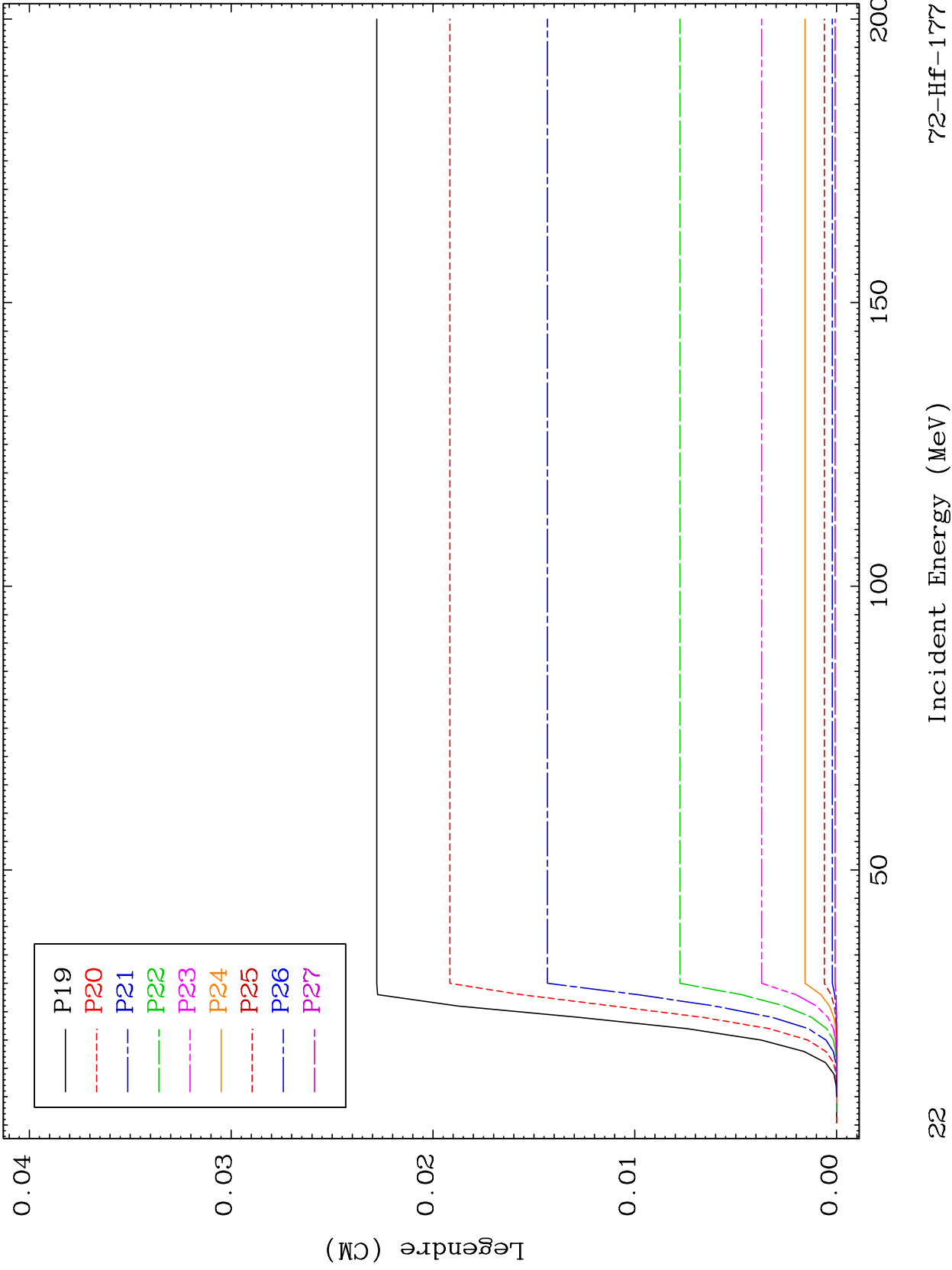
72-Hf-177

MAT 7234

112.9 keV (n,n') Level
Legendre Coefficients

72-Hf-177

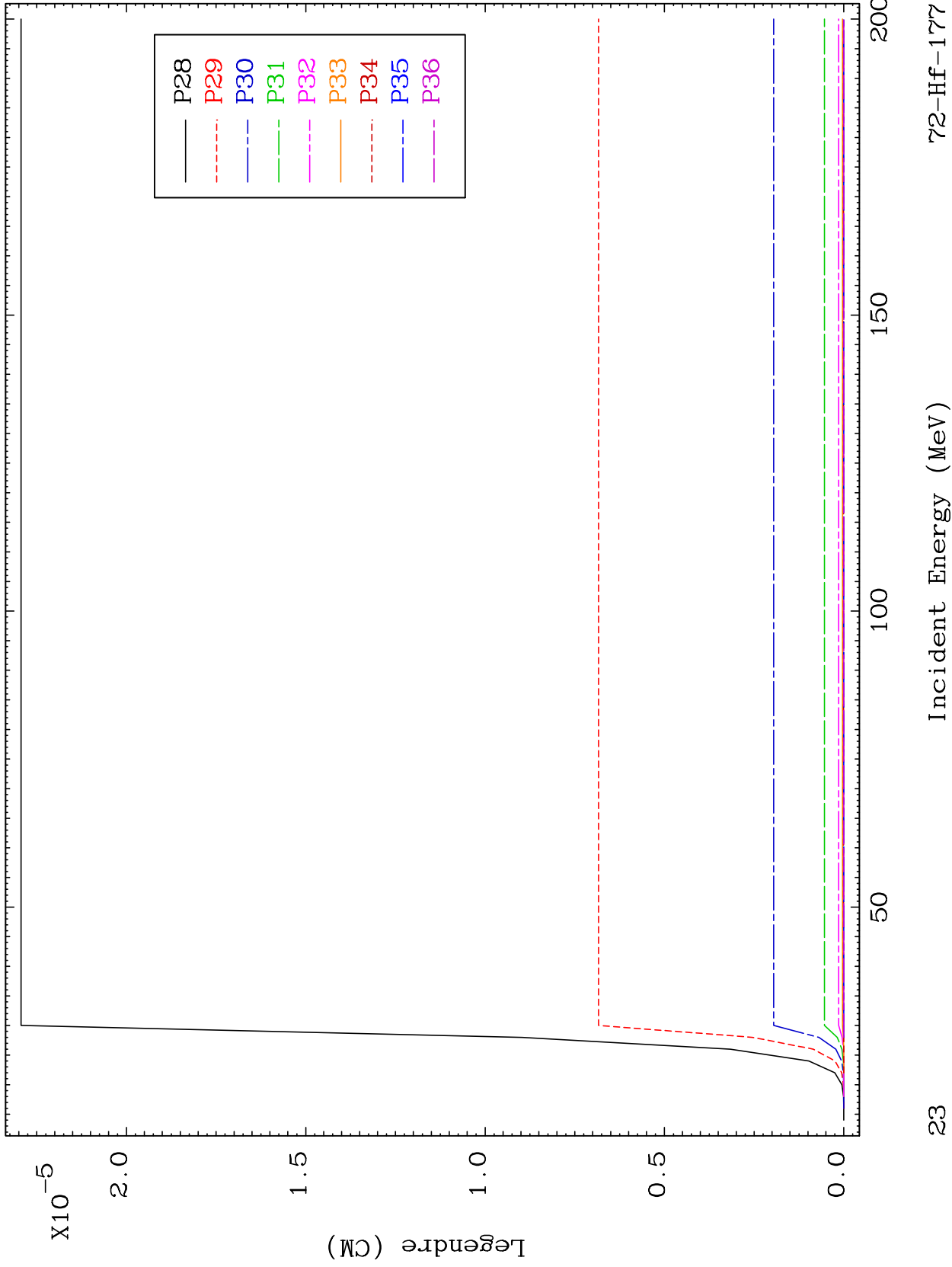




MAT 7234

112.9 keV (n,n') Level
Legendre Coefficients

72-Hf-177



23

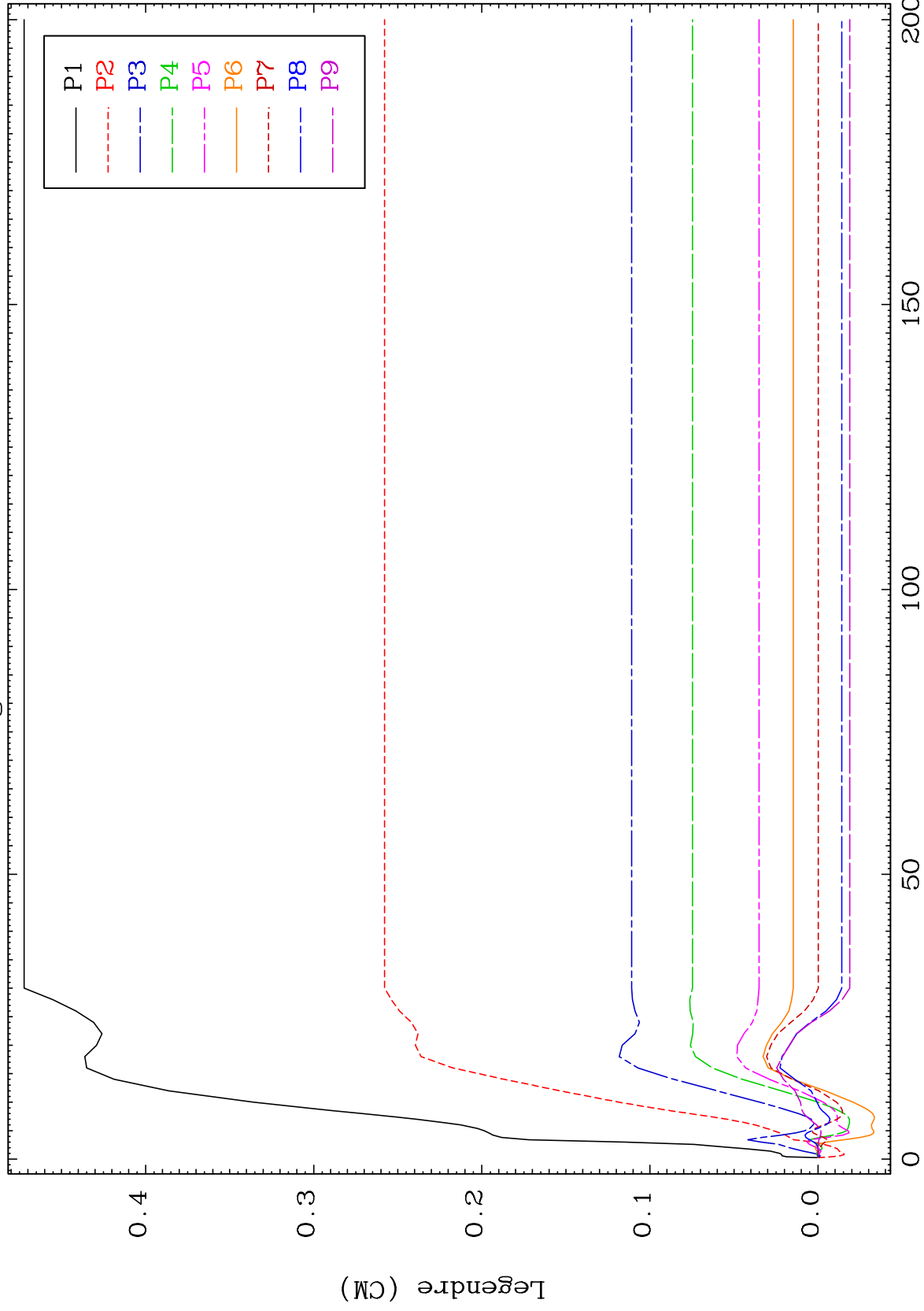
Incident Energy (MeV)

72-Hf-177

MAT 7234

249.7 keV (n,n') Level
Legendre Coefficients

72-Hf-177



24

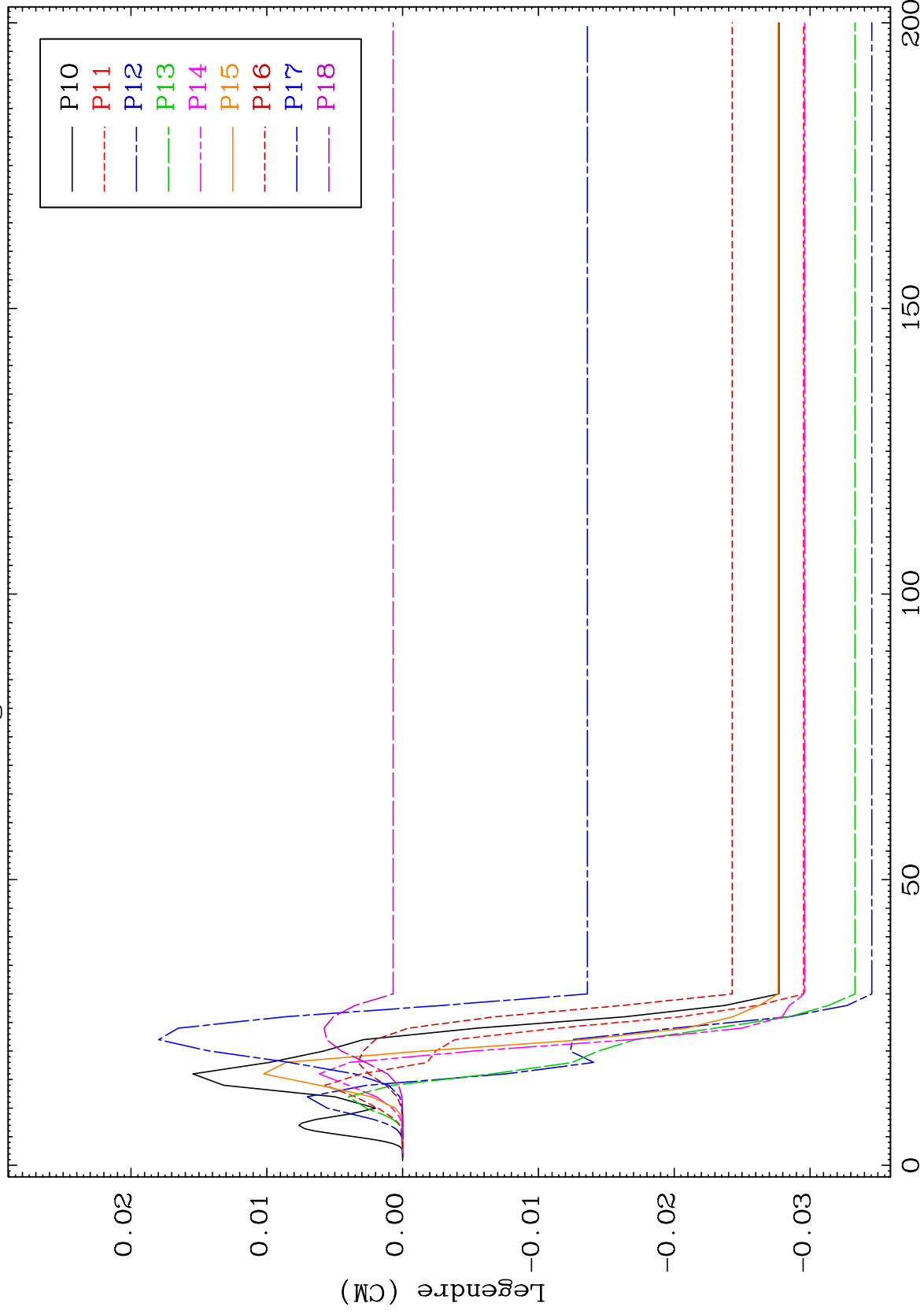
Incident Energy (MeV)

72-Hf-177

MAT 7234

249.7 keV (n,n') Level
Legendre Coefficients

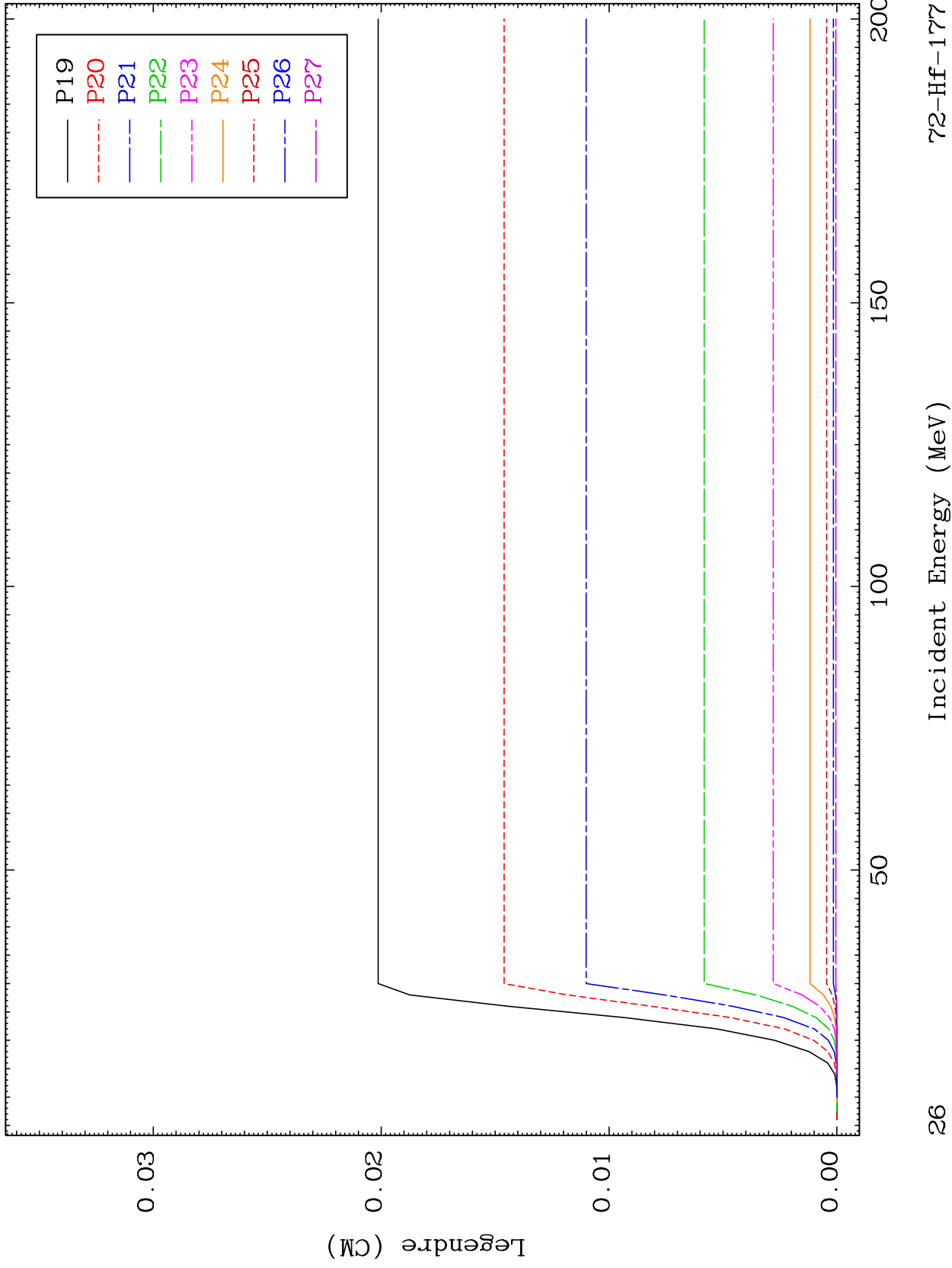
72-Hf-177



25

Incident Energy (MeV)

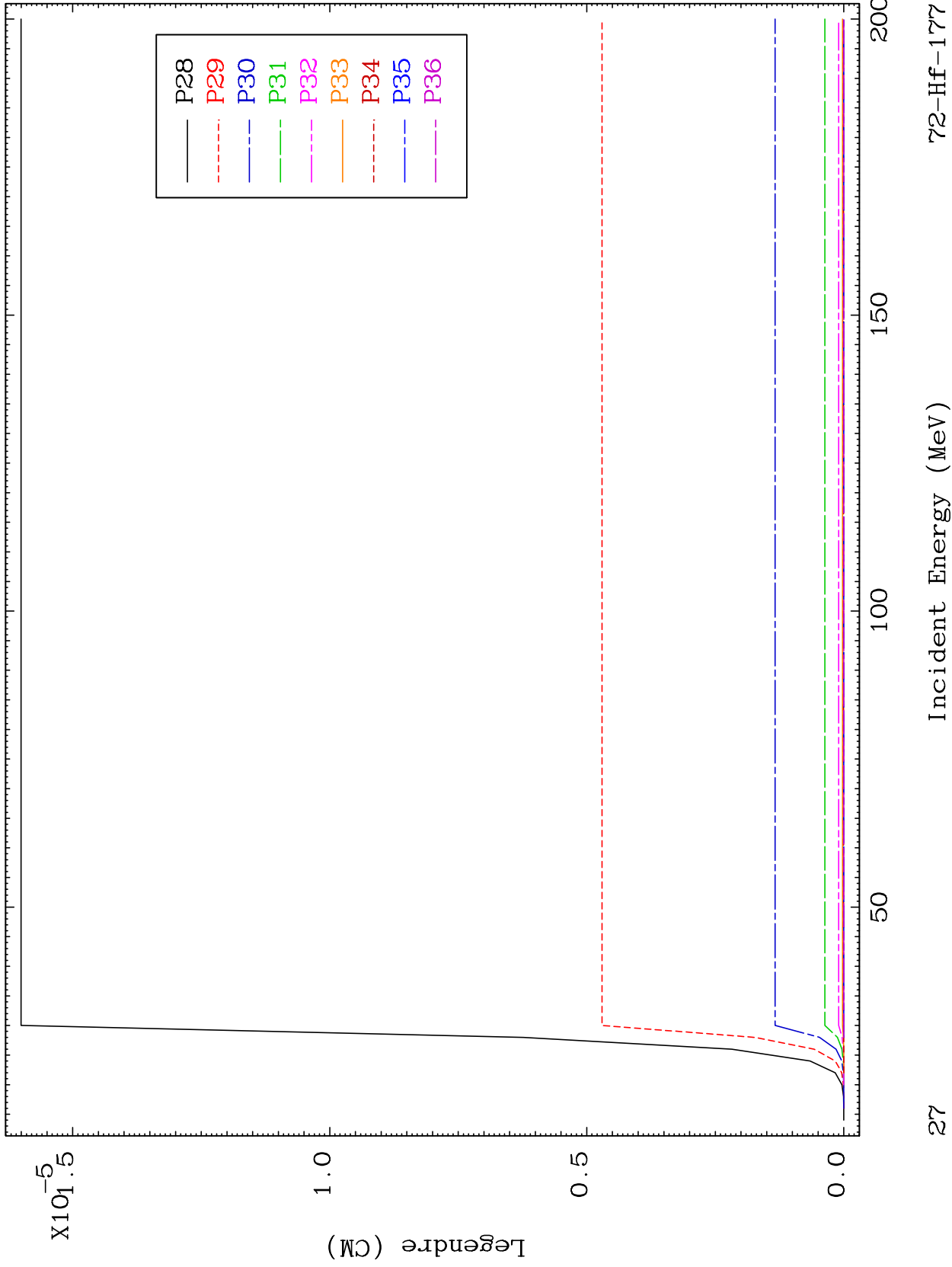
72-Hf-177



MAT 7234

249.7 keV (n,n') Level
Legendre Coefficients

72-Hf-177



27

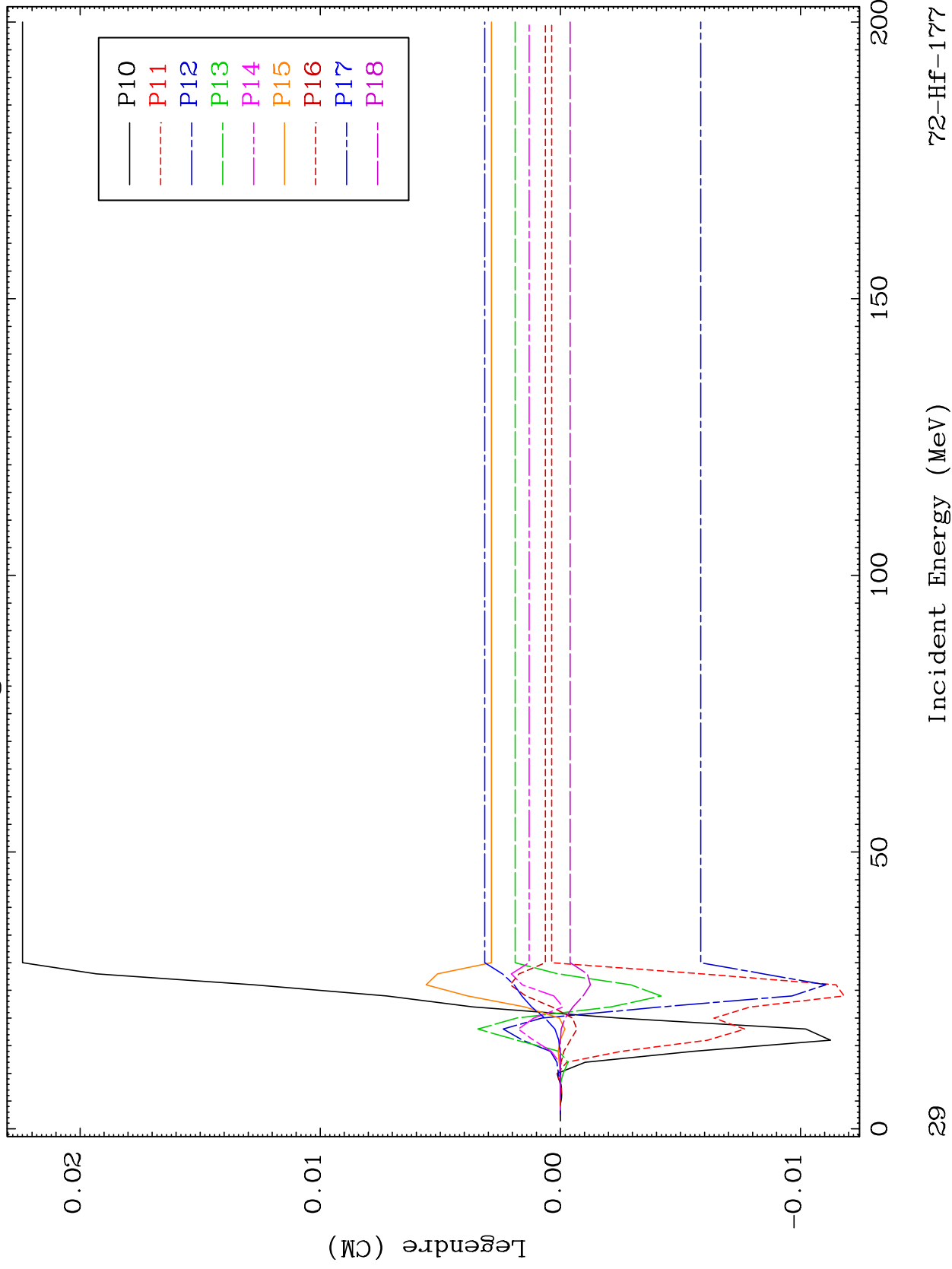
Incident Energy (MeV)

72-Hf-177

MAT 7234

321.3 keV (n,n') Level
Legendre Coefficients

72-Hf-177



29

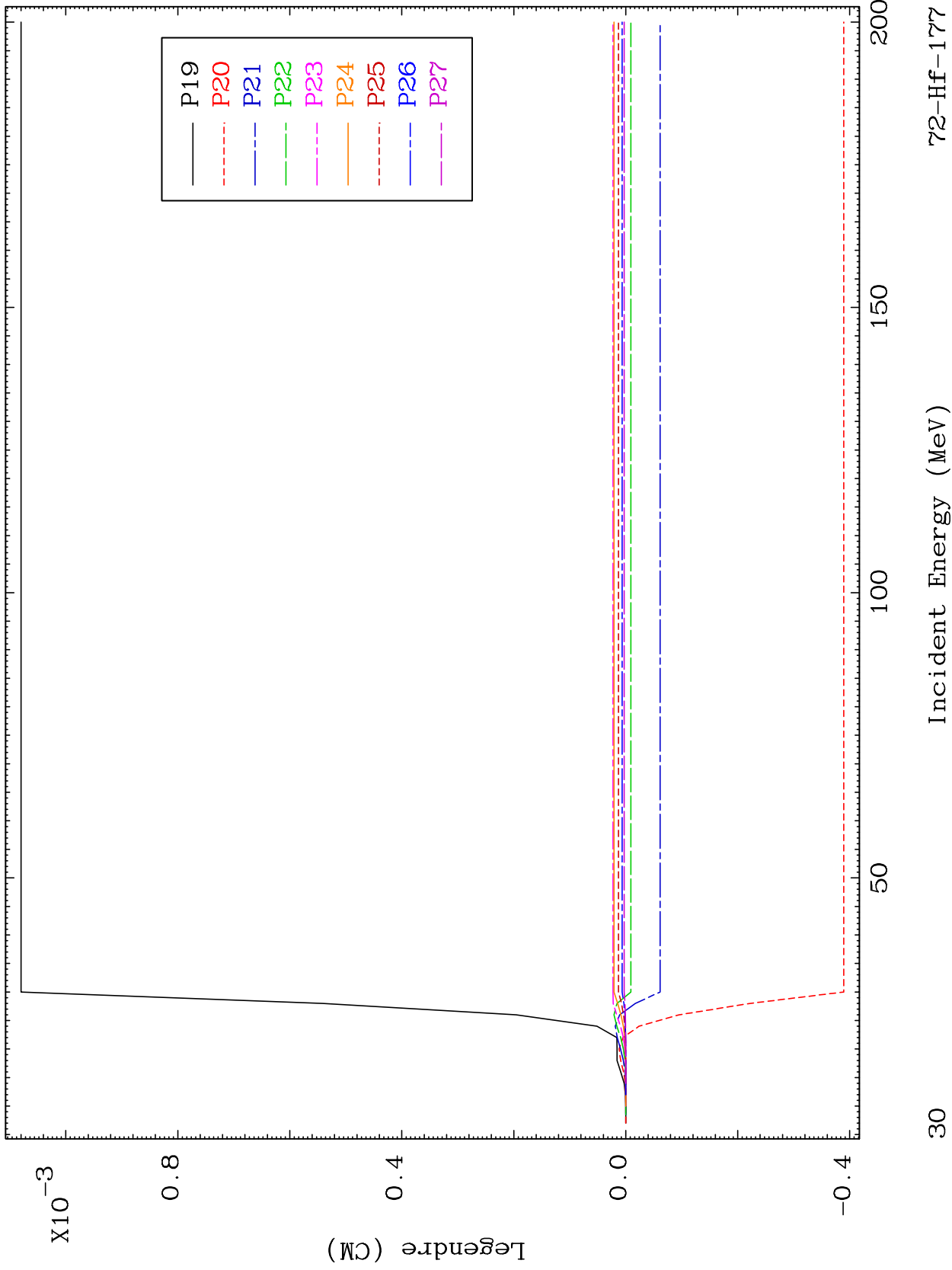
Incident Energy (MeV)

72-Hf-177

MAT 7234

321.3 keV (n,n') Level
Legendre Coefficients

72-Hf-177



72-Hf-177

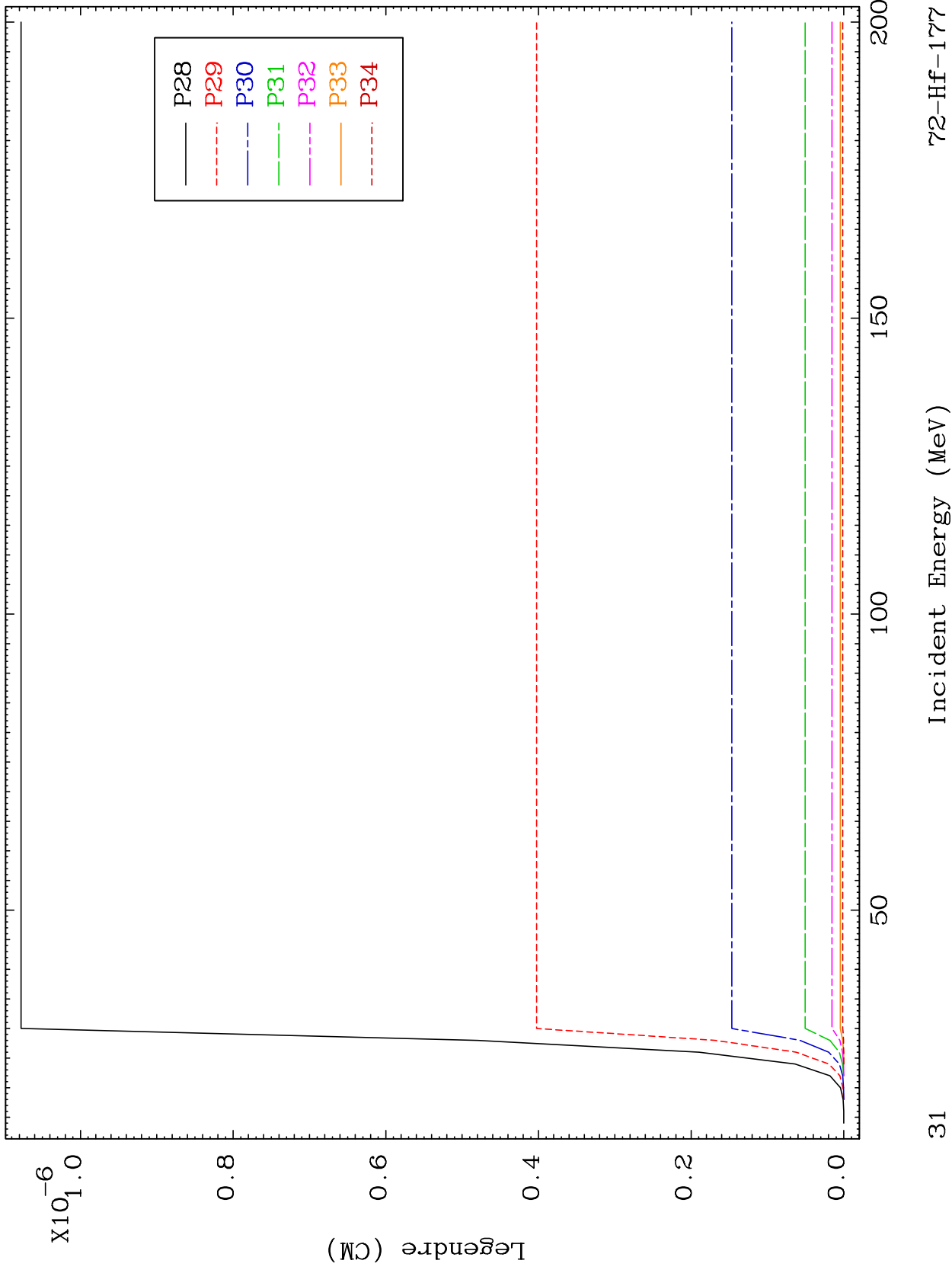
Incident Energy (MeV)

30

MAT 7234

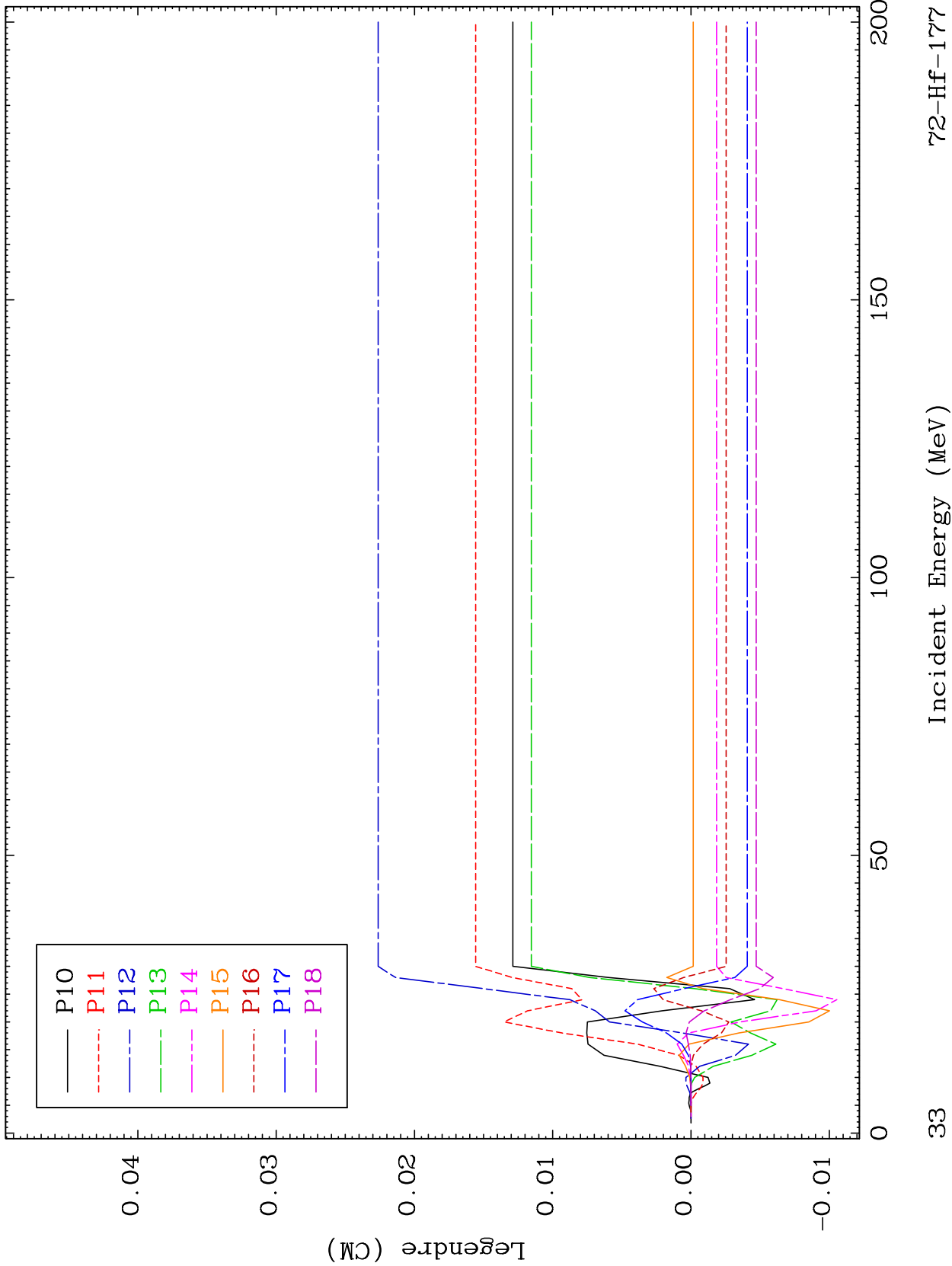
321.3 keV (n,n') Level
Legendre Coefficients

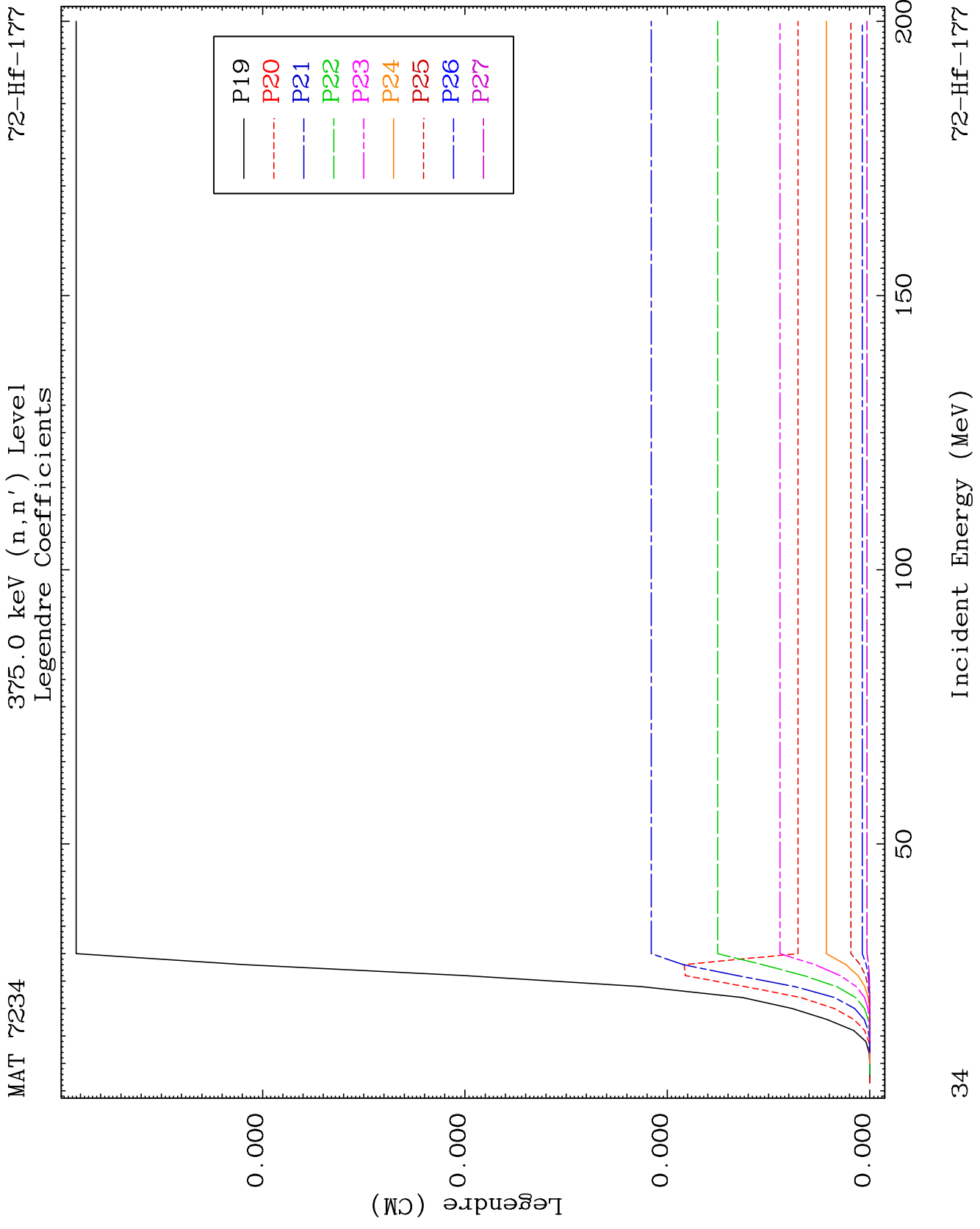
72-Hf-177



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72-Hf-177

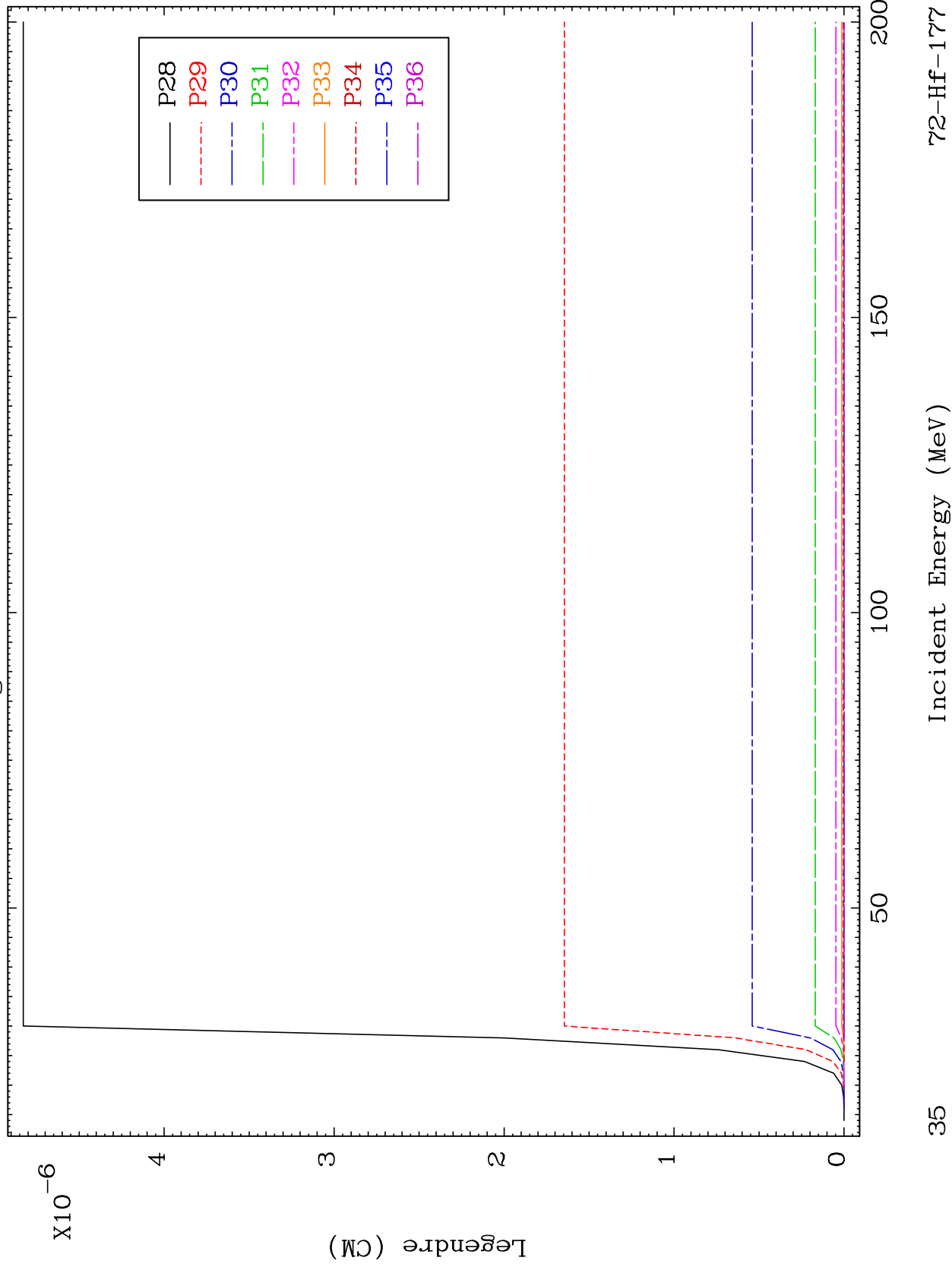




MAT 7234

375.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



35

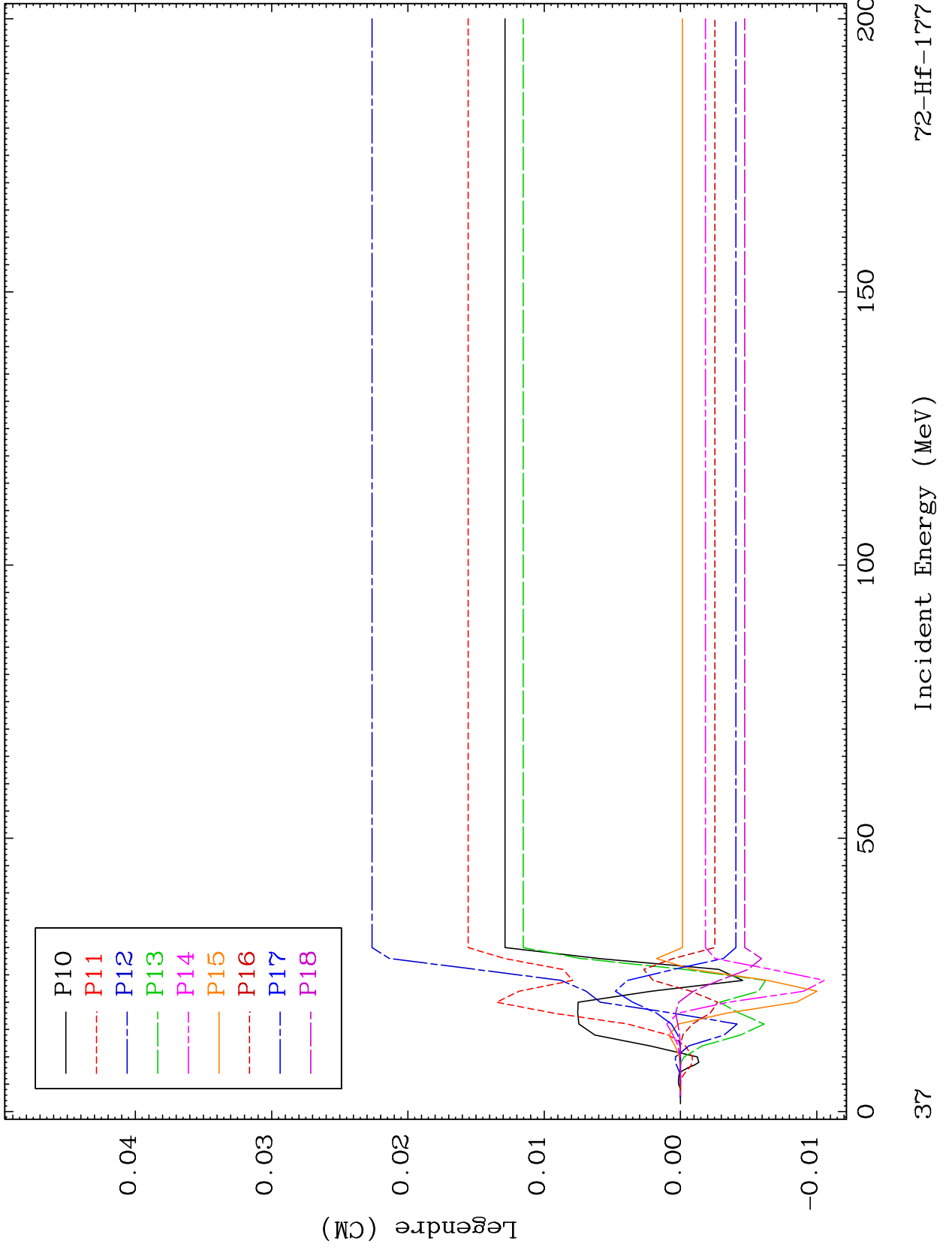
Incident Energy (MeV)

72-Hf-177

MAT 7234

390.0 keV (n,n') Level
Legendre Coefficients

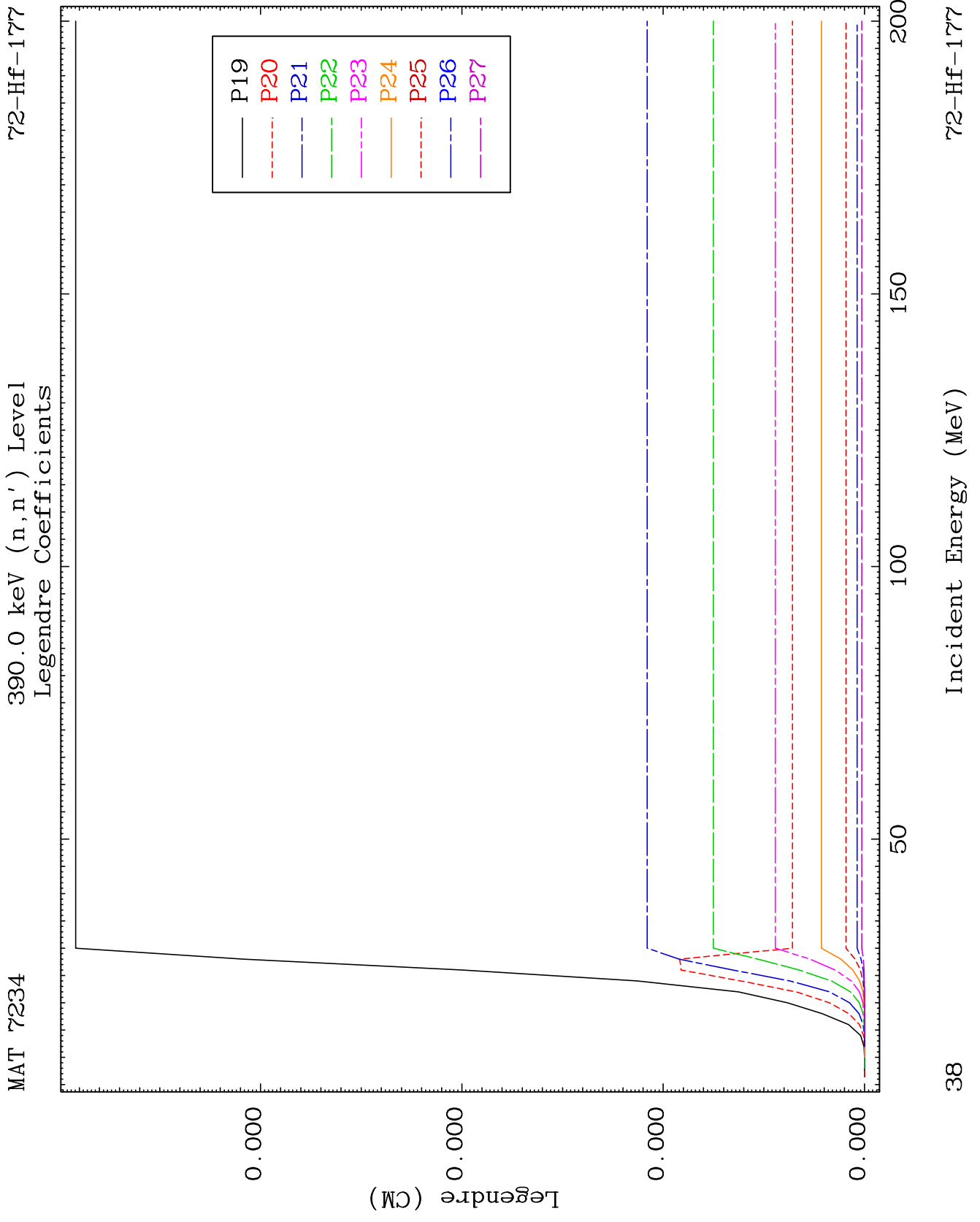
72-Hf-177



37

Incident Energy (MeV)

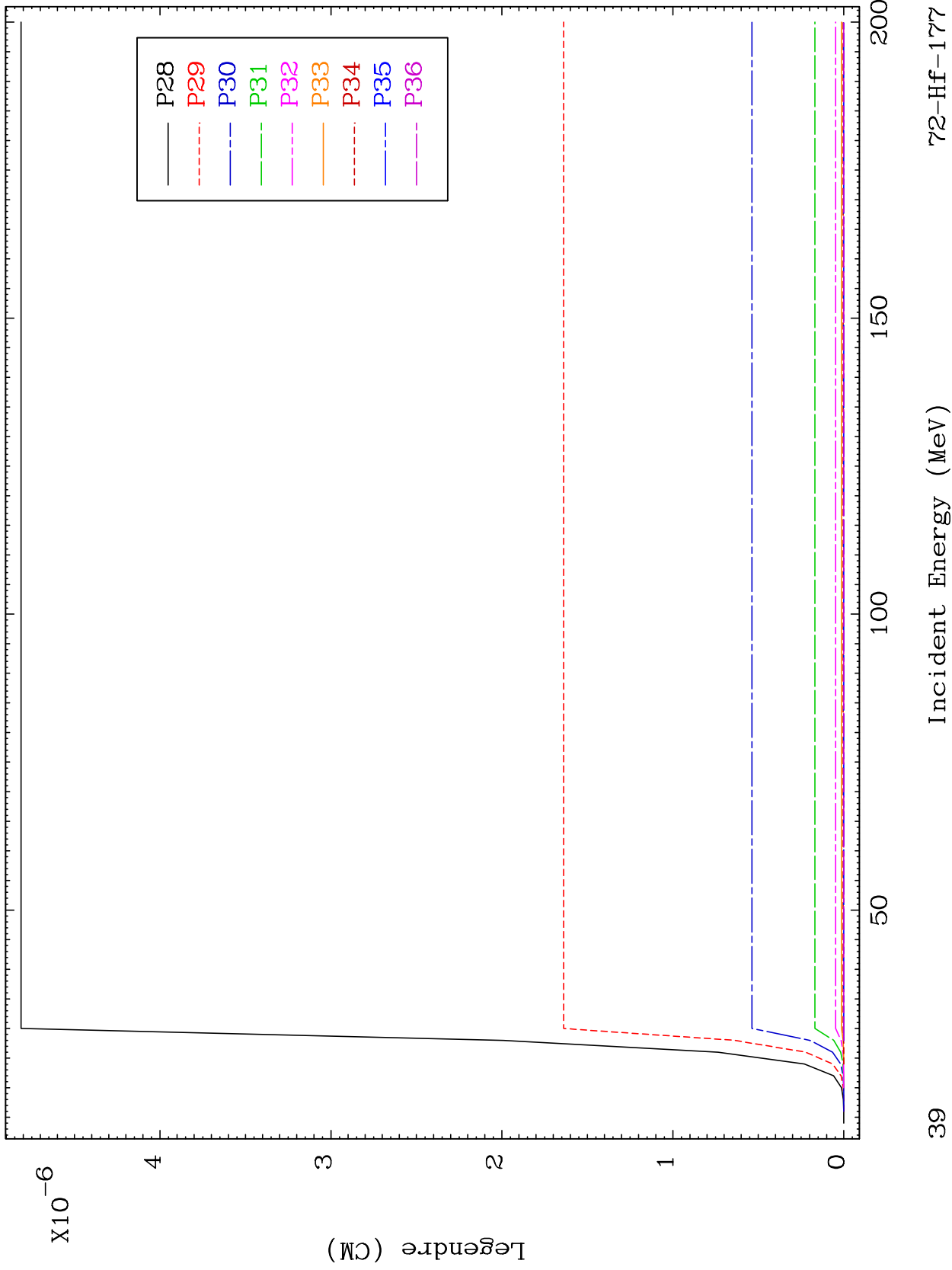
72-Hf-177



MAT 7234

390.0 keV (n,n') Level
Legendre Coefficients

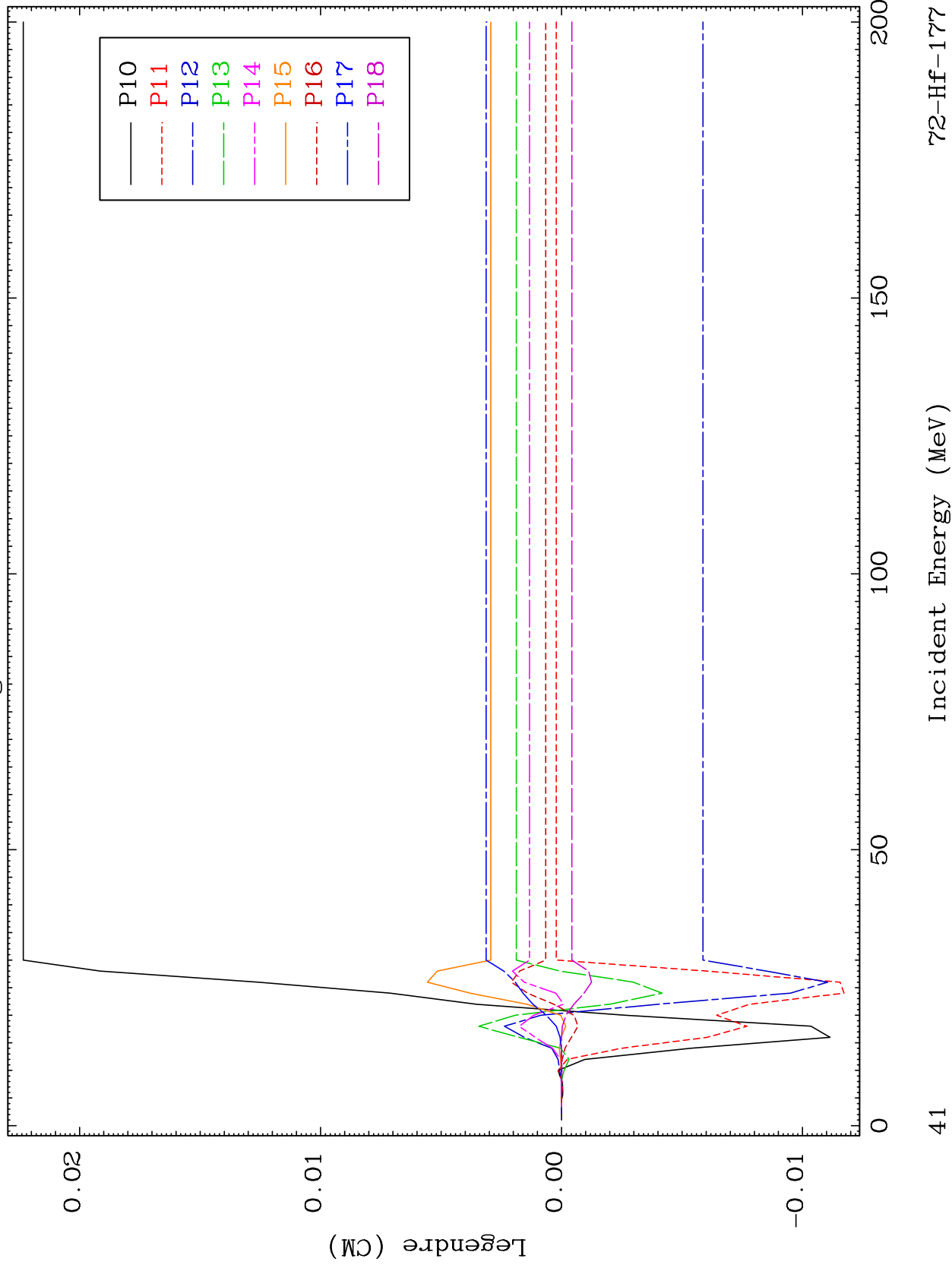
72-Hf-177



MAT 7234

409.4 keV (n,n') Level
Legendre Coefficients

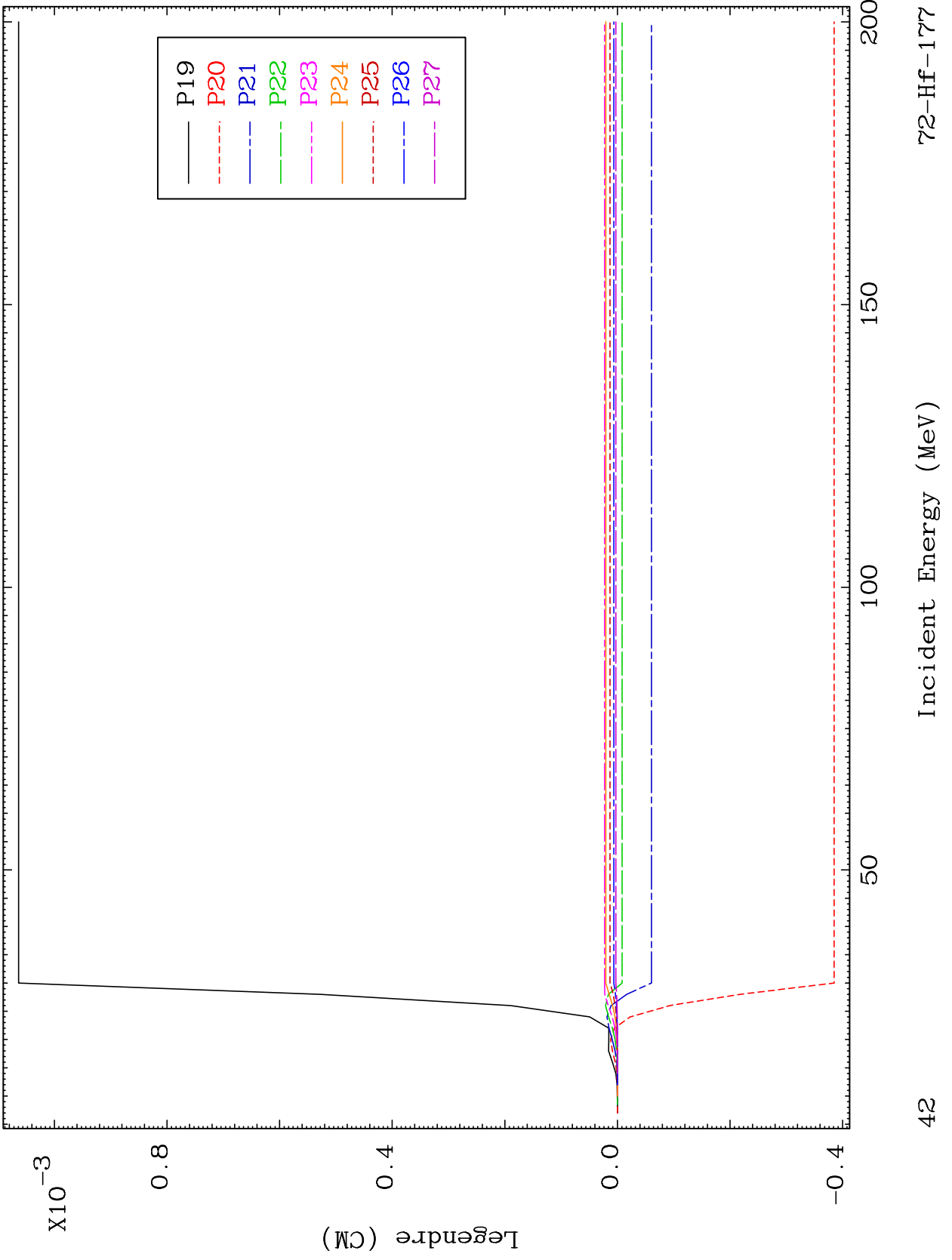
72-Hf-177



MAT 7234

409.4 keV (n,n') Level
Legendre Coefficients

72-Hf-177



42

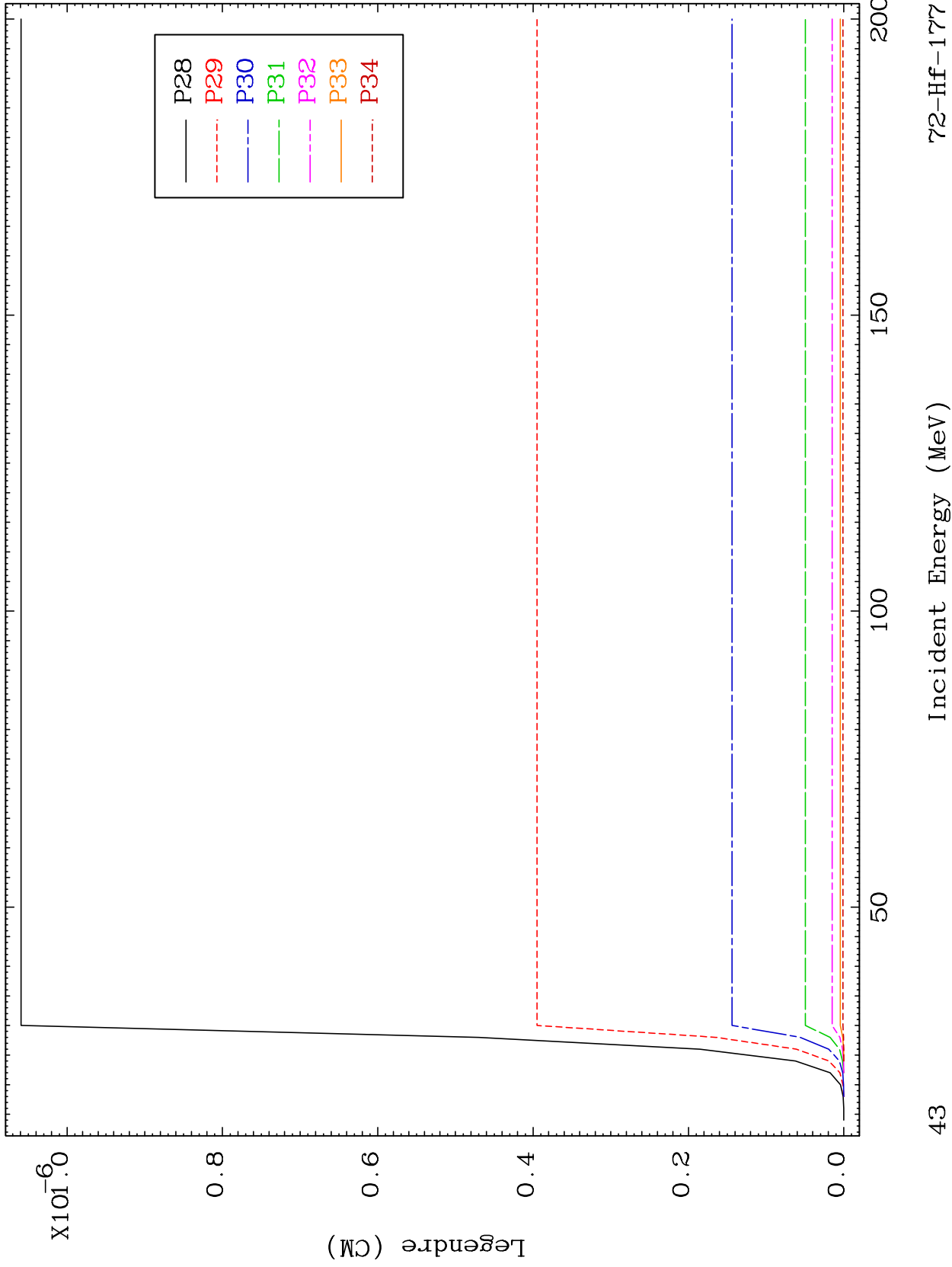
Incident Energy (MeV)

72-Hf-177

MAT 7234

409.4 keV (n,n') Level
Legendre Coefficients

72-Hf-177



43

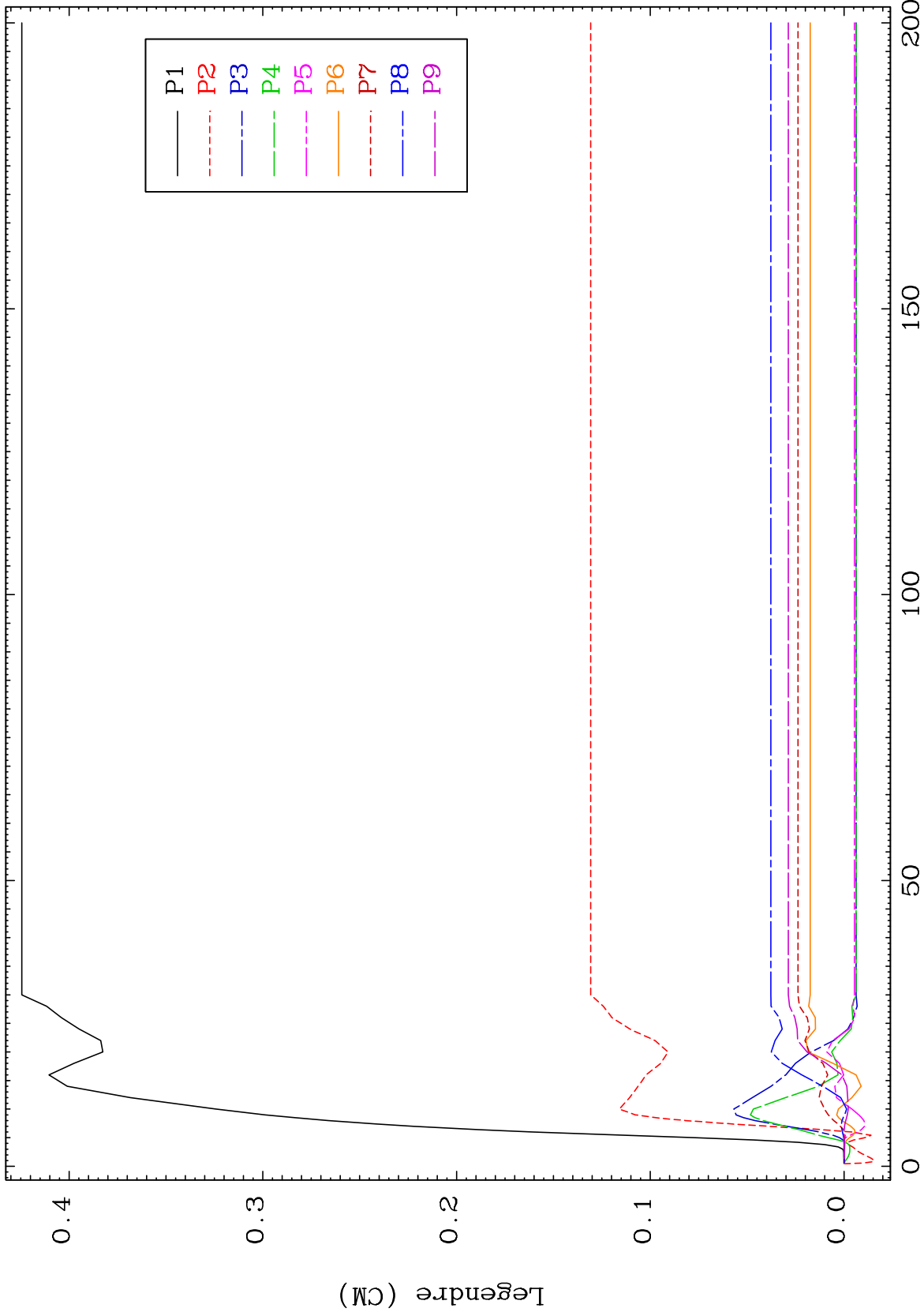
Incident Energy (MeV)

72-Hf-177

MAT 7234

426.7 keV (n,n') Level
Legendre Coefficients

72-Hf-177



44

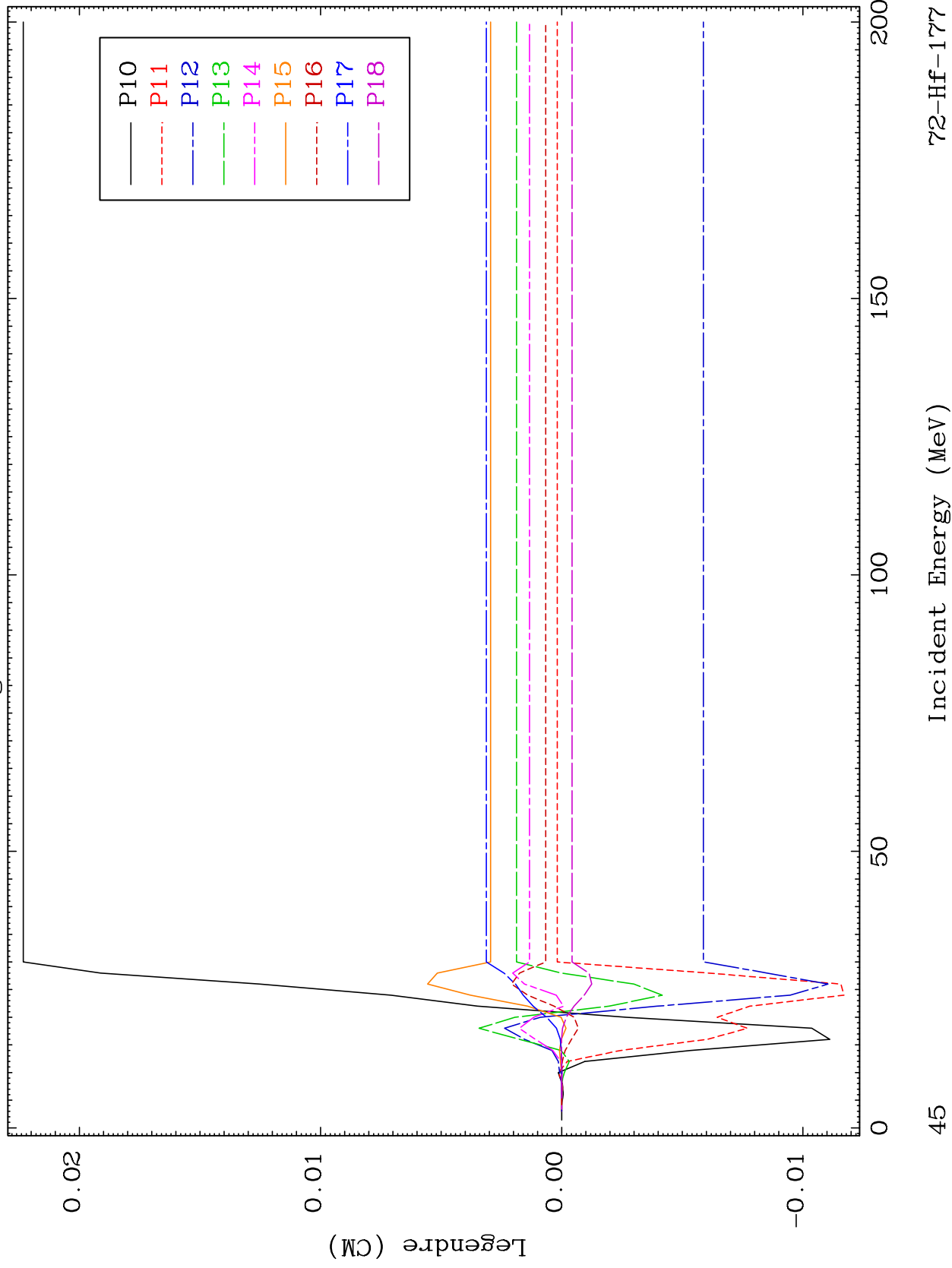
Incident Energy (MeV)

72-Hf-177

MAT 7234

426.7 keV (n,n') Level
Legendre Coefficients

72-Hf-177



72-Hf-177

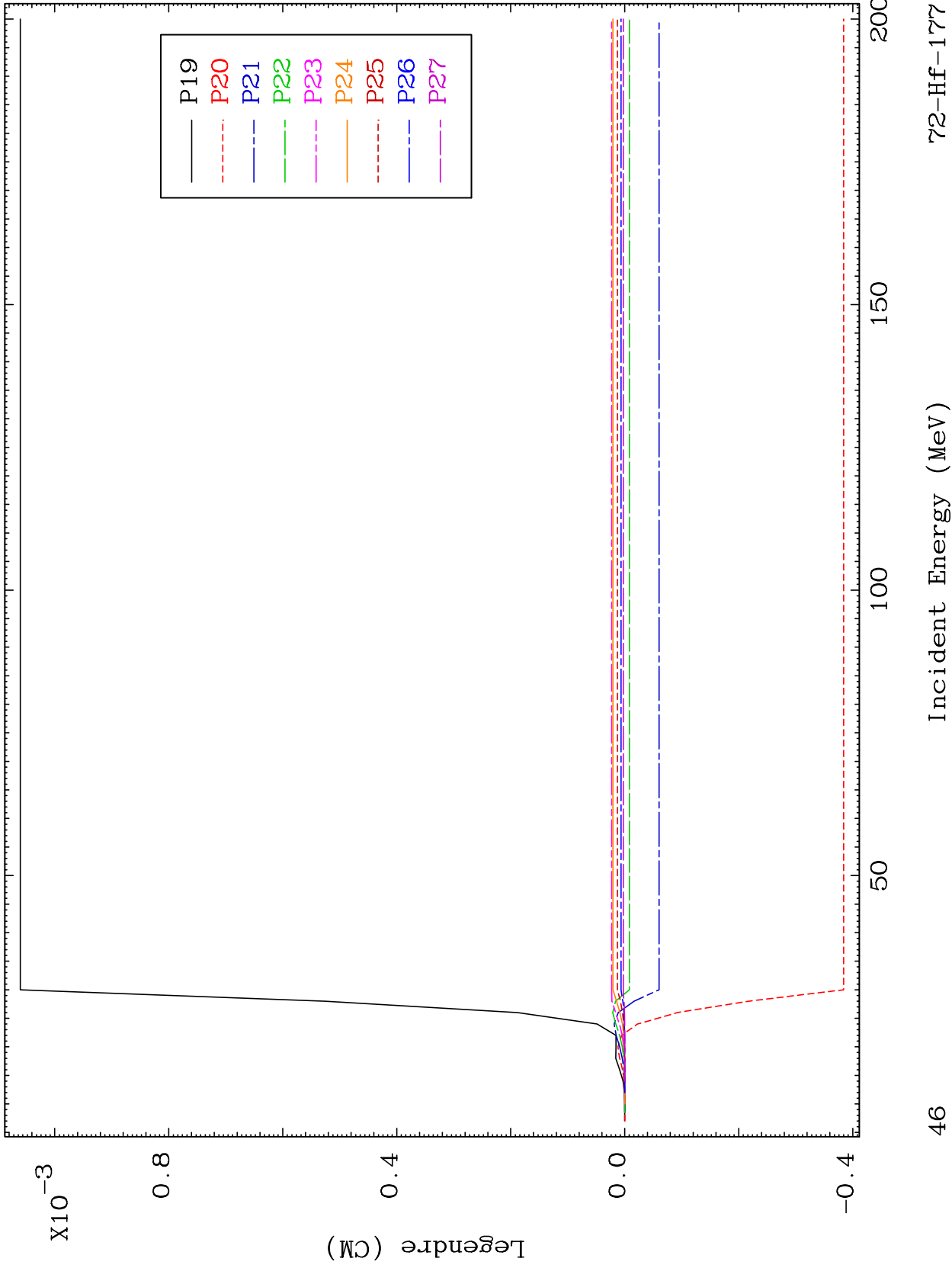
Incident Energy (MeV)

45

MAT 7234

426.7 keV (n,n') Level
Legendre Coefficients

72-Hf-177



46

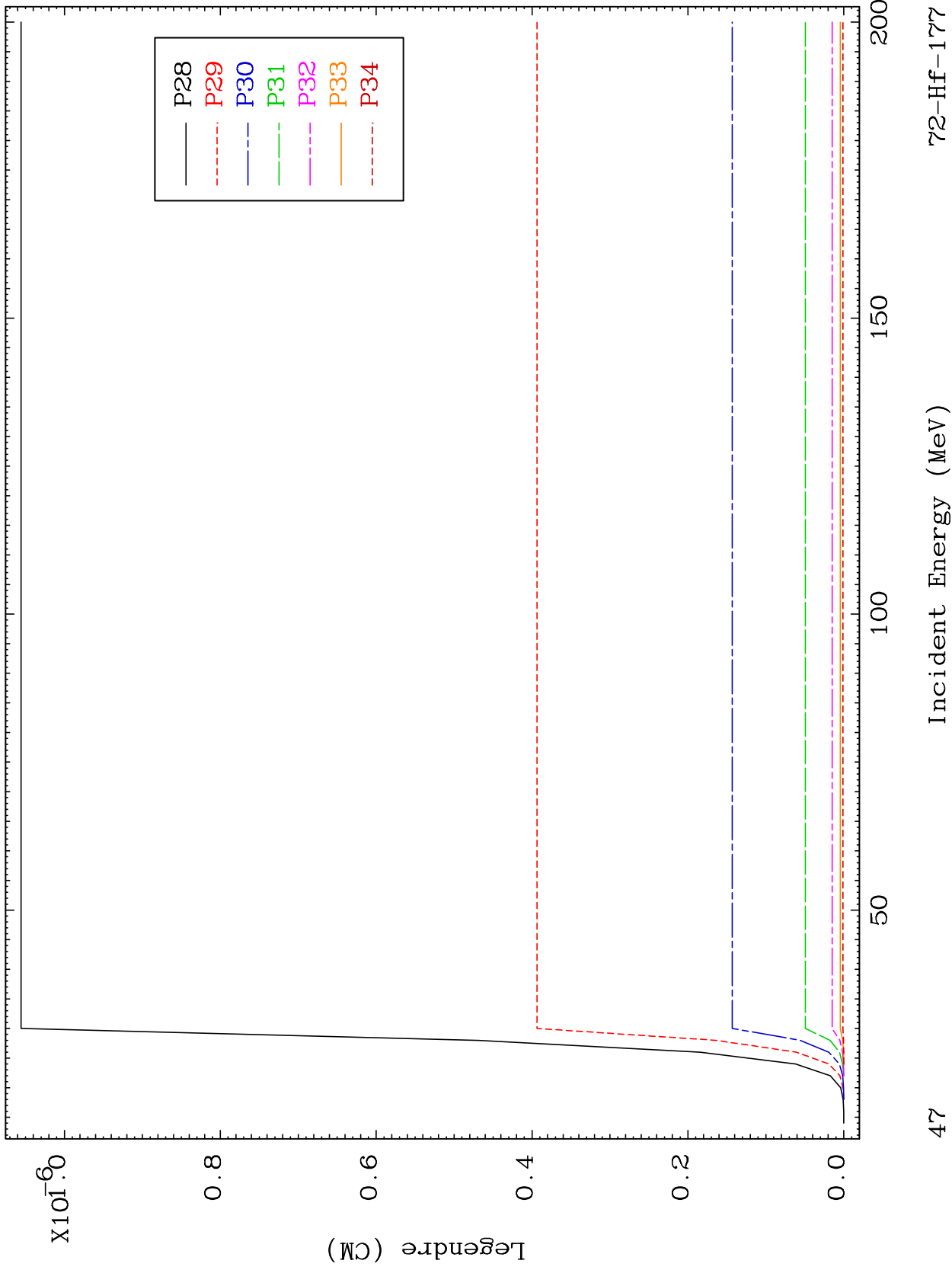
Incident Energy (MeV)

72-Hf-177

MAT 7234

426.7 keV (n,n') Level
Legendre Coefficients

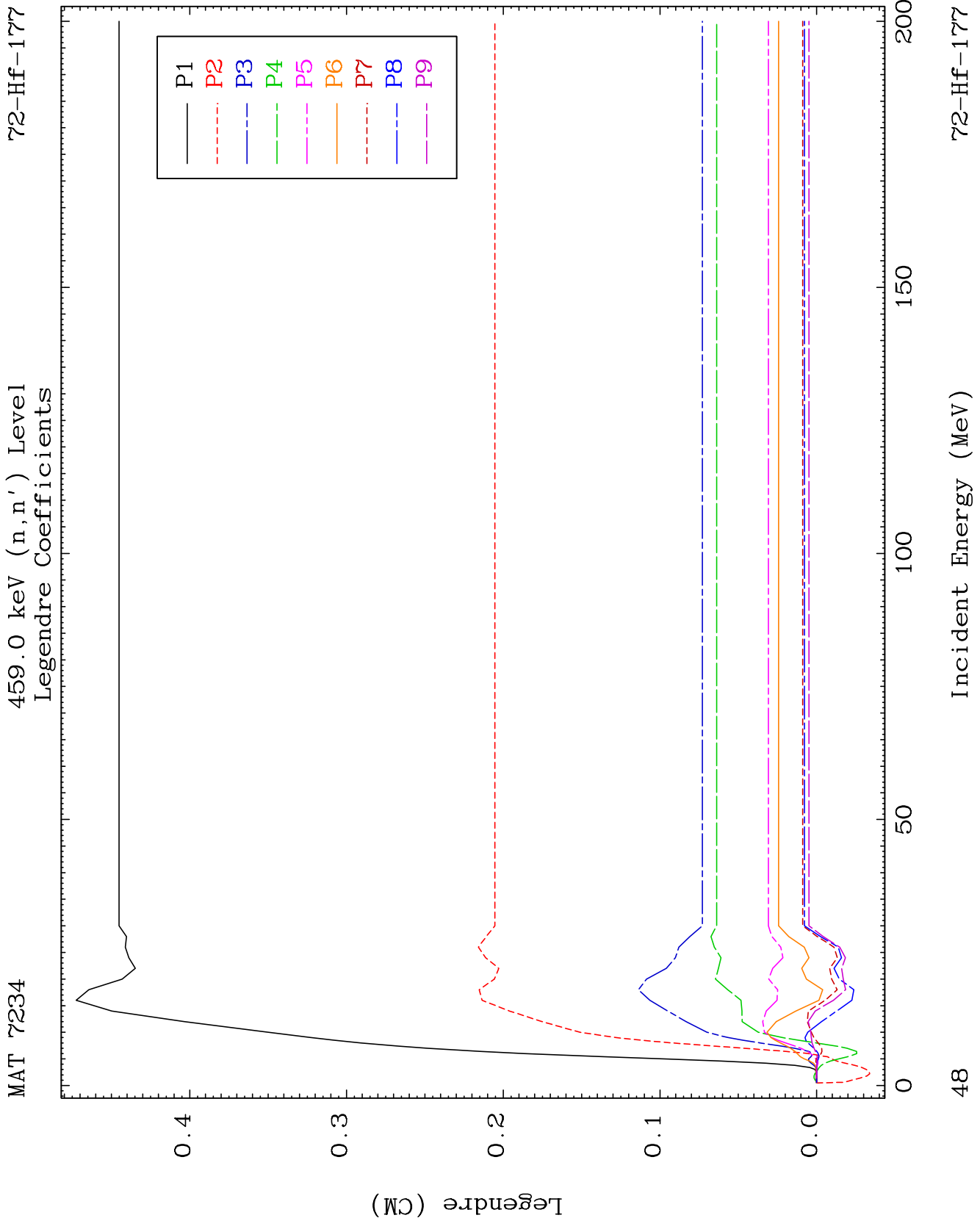
72-Hf-177



47

Incident Energy (MeV)

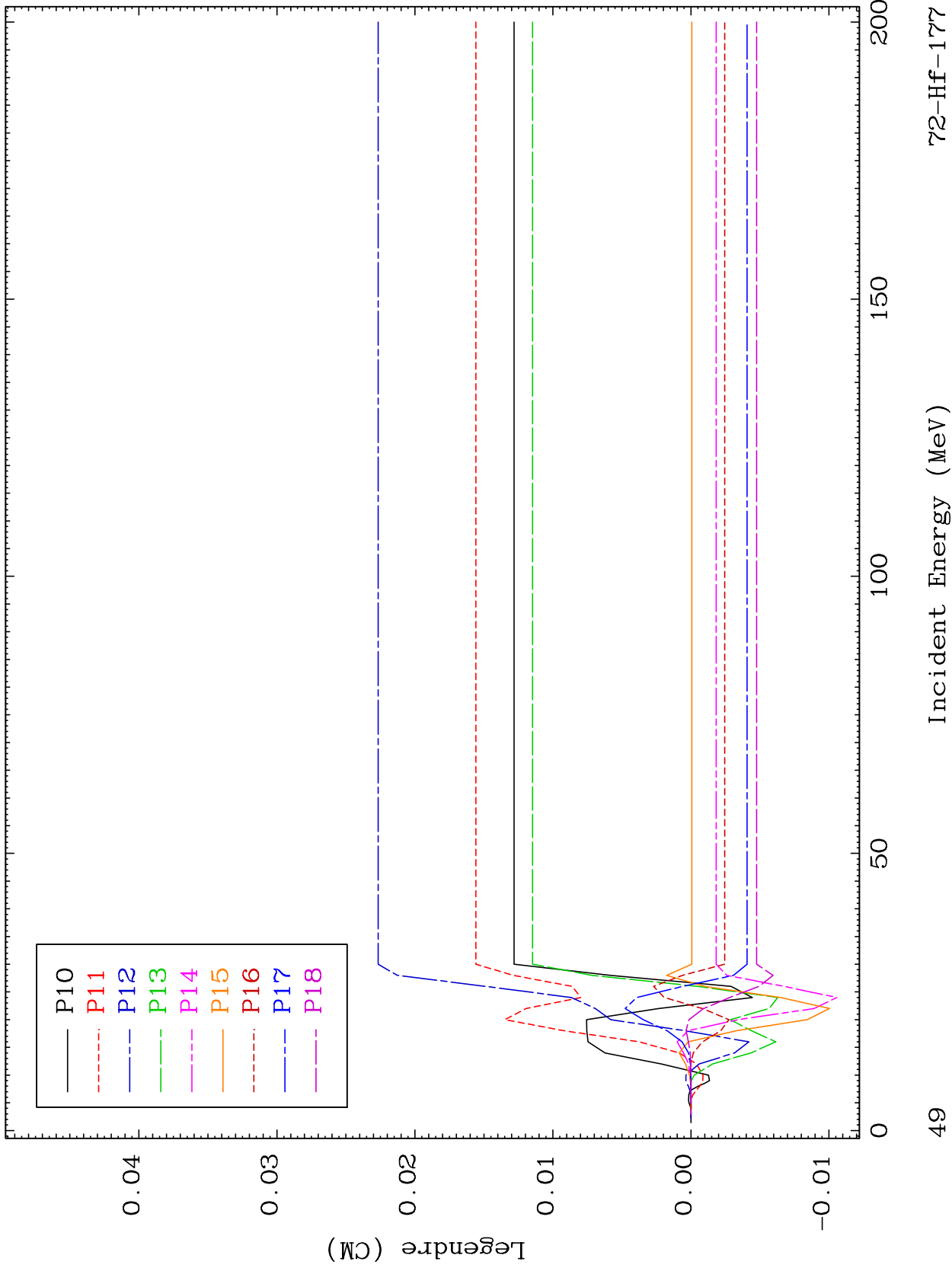
72-Hf-177



MAT 7234

459.0 keV (n,n') Level
Legendre Coefficients

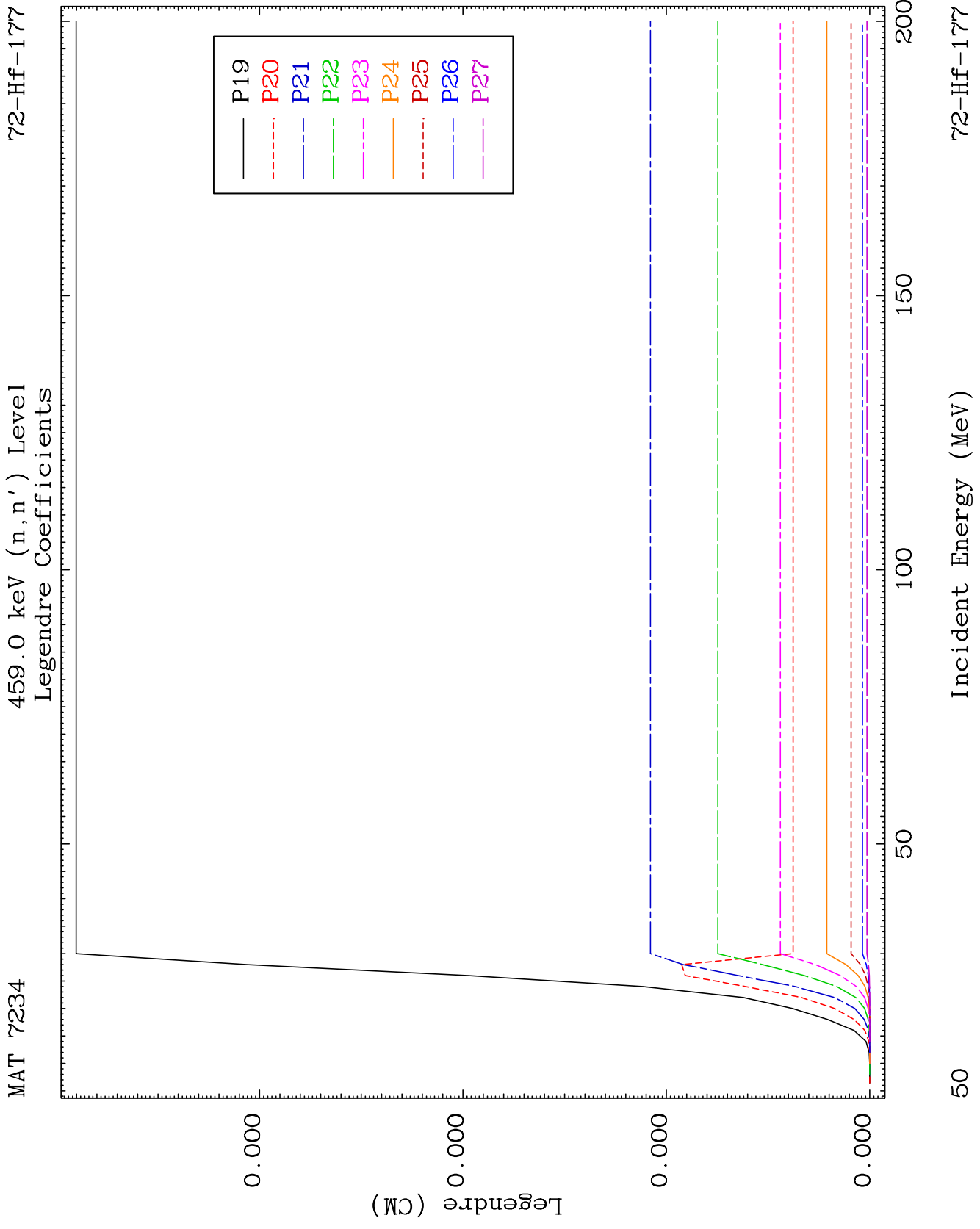
72-Hf-177



49

Incident Energy (MeV)

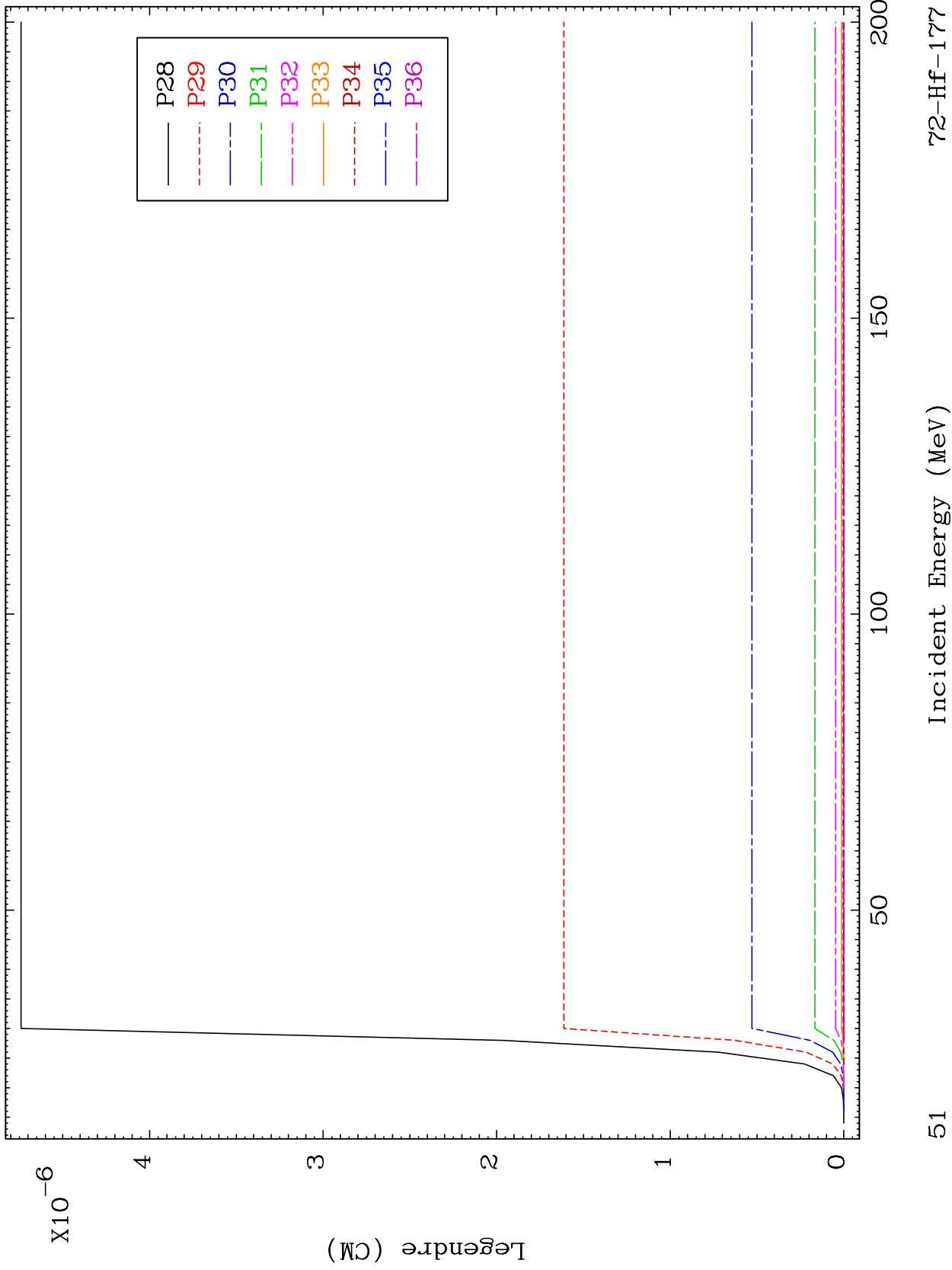
72-Hf-177

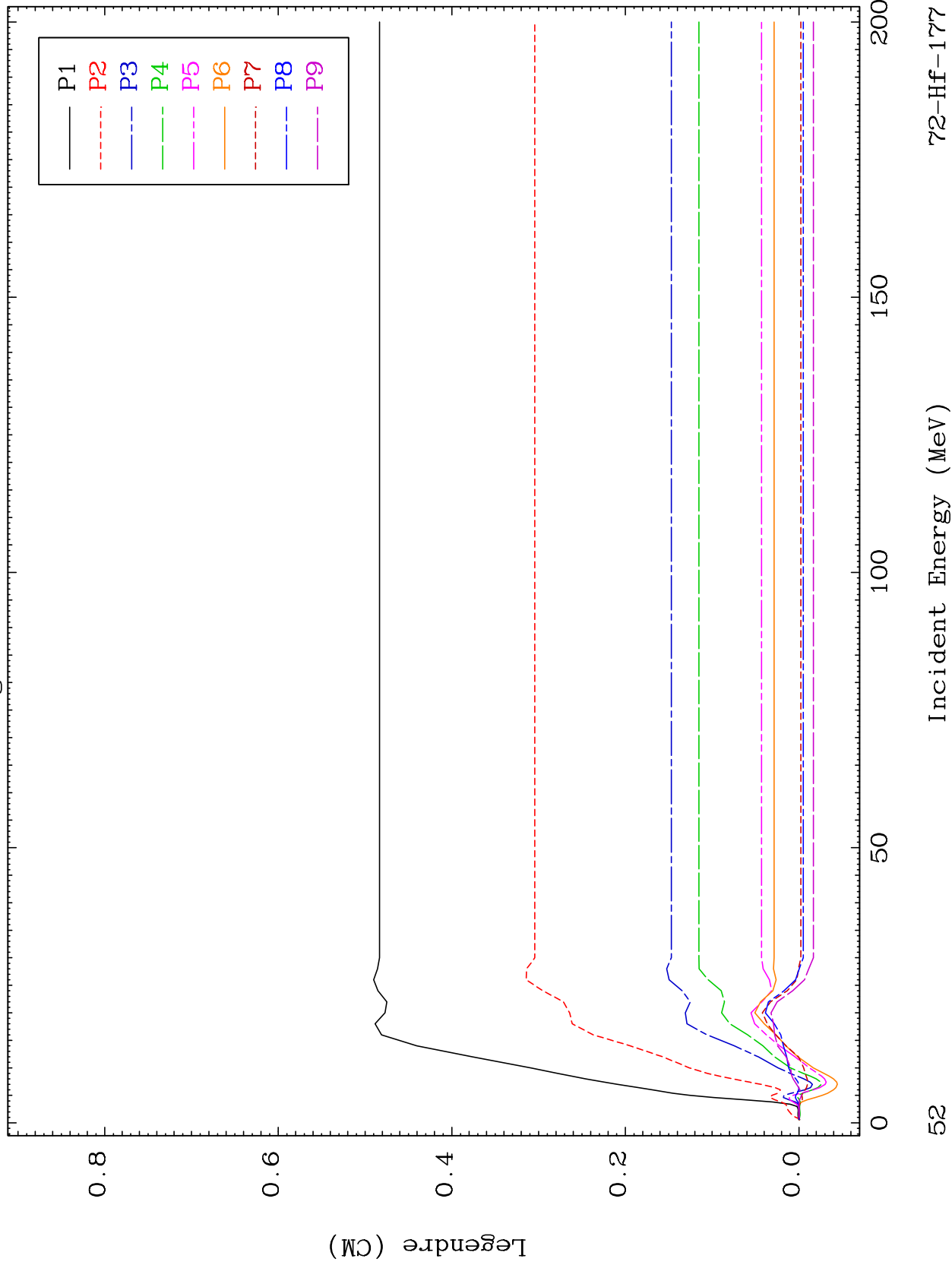


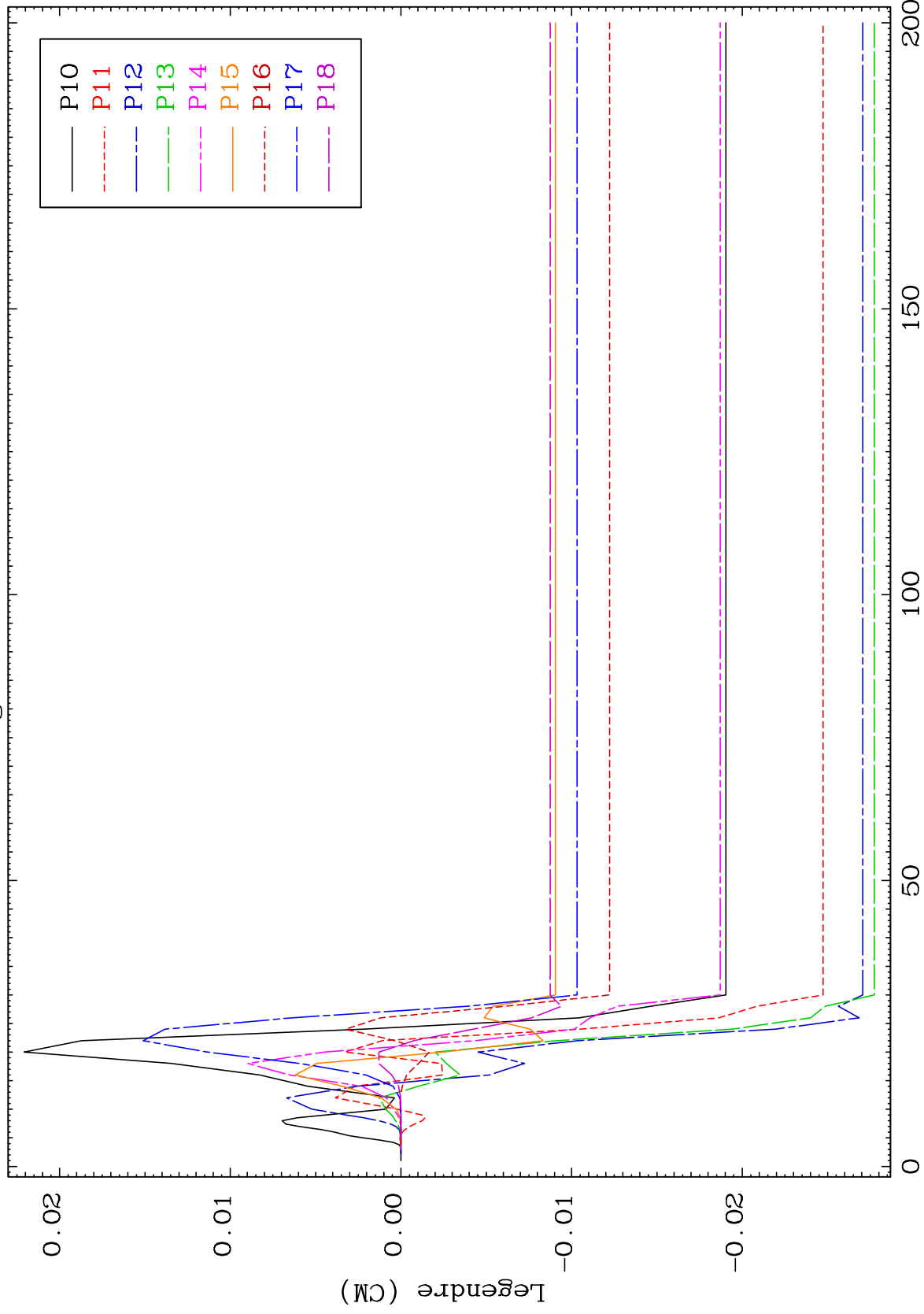
MAT 7234

459.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



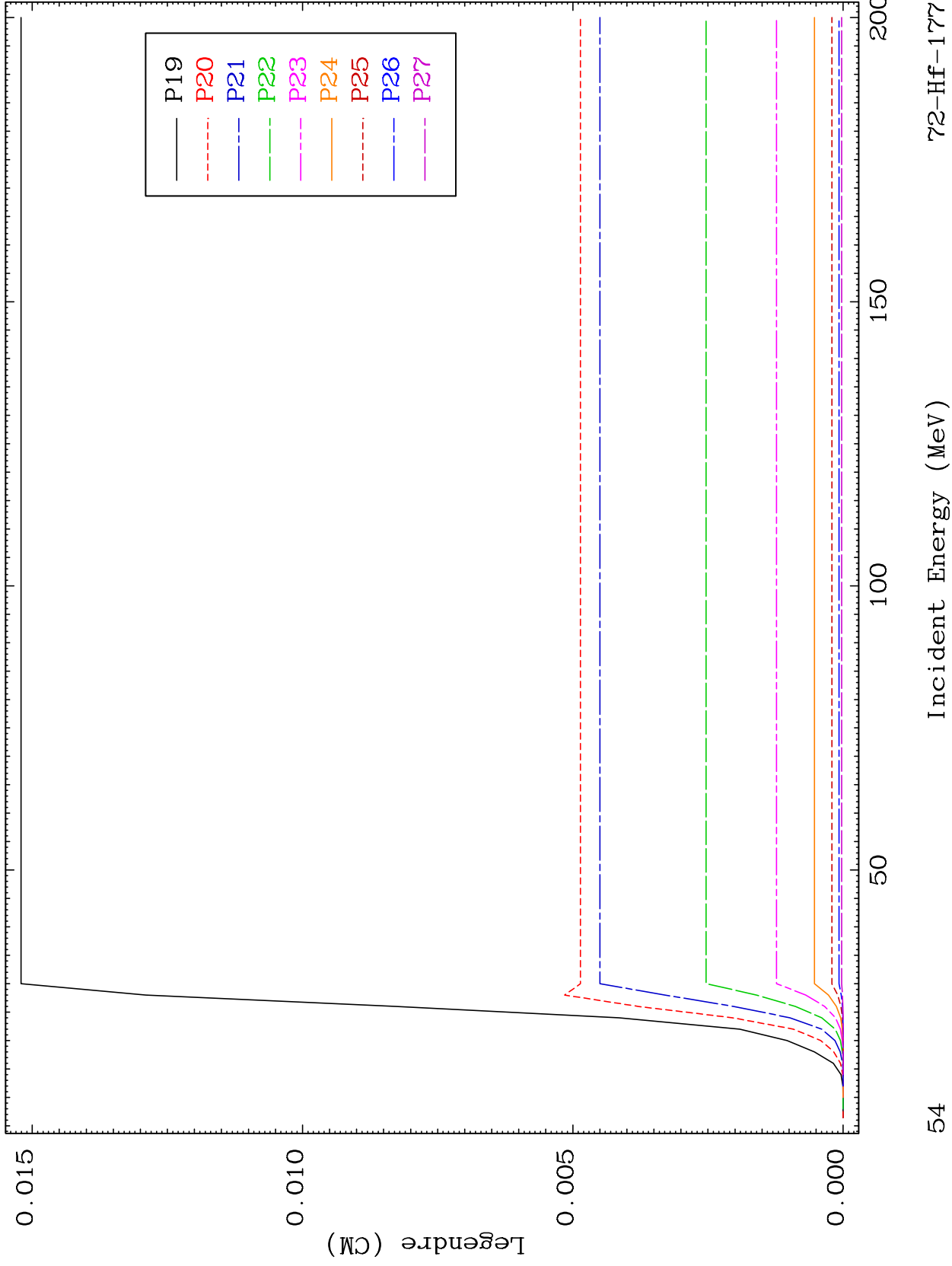




MAT 7234

508.1 keV (n,n') Level
Legendre Coefficients

72-Hf-177



54

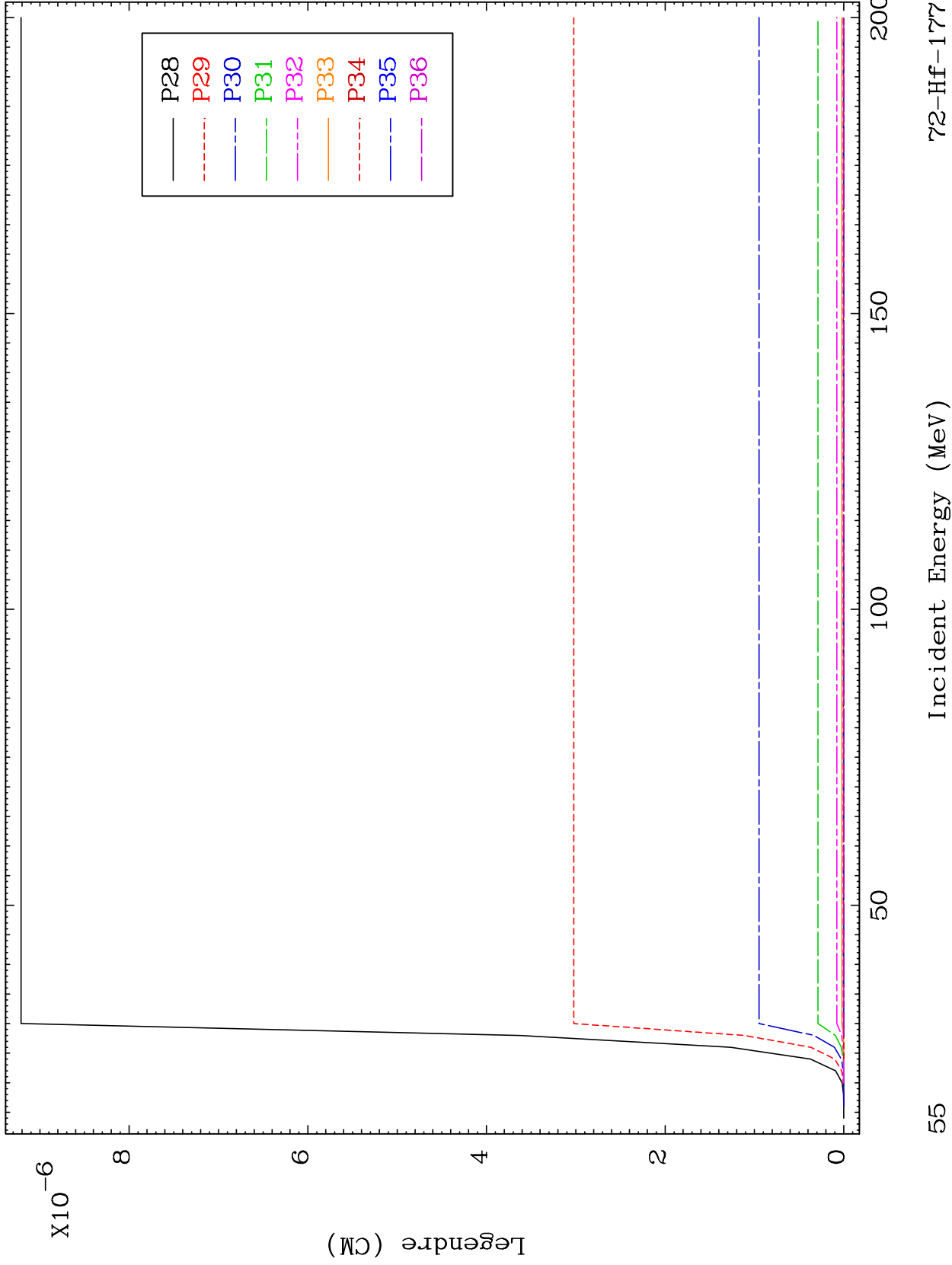
Incident Energy (MeV)

72-Hf-177

MAT 7234

508.1 keV (n,n') Level
Legendre Coefficients

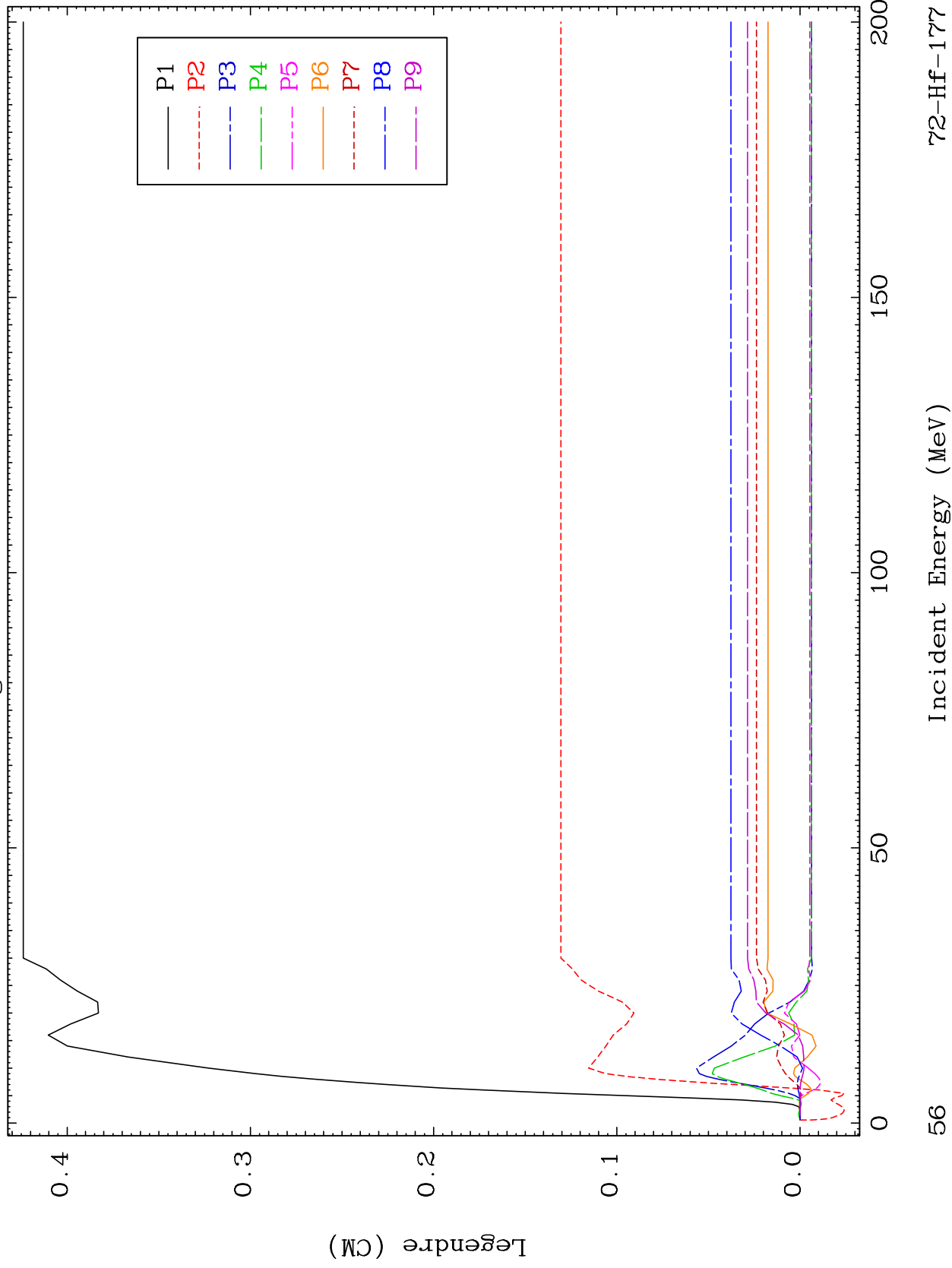
72-Hf-177



MAT 7234

555.2 keV (n,n') Level
Legendre Coefficients

72-Hf-177



72-Hf-177

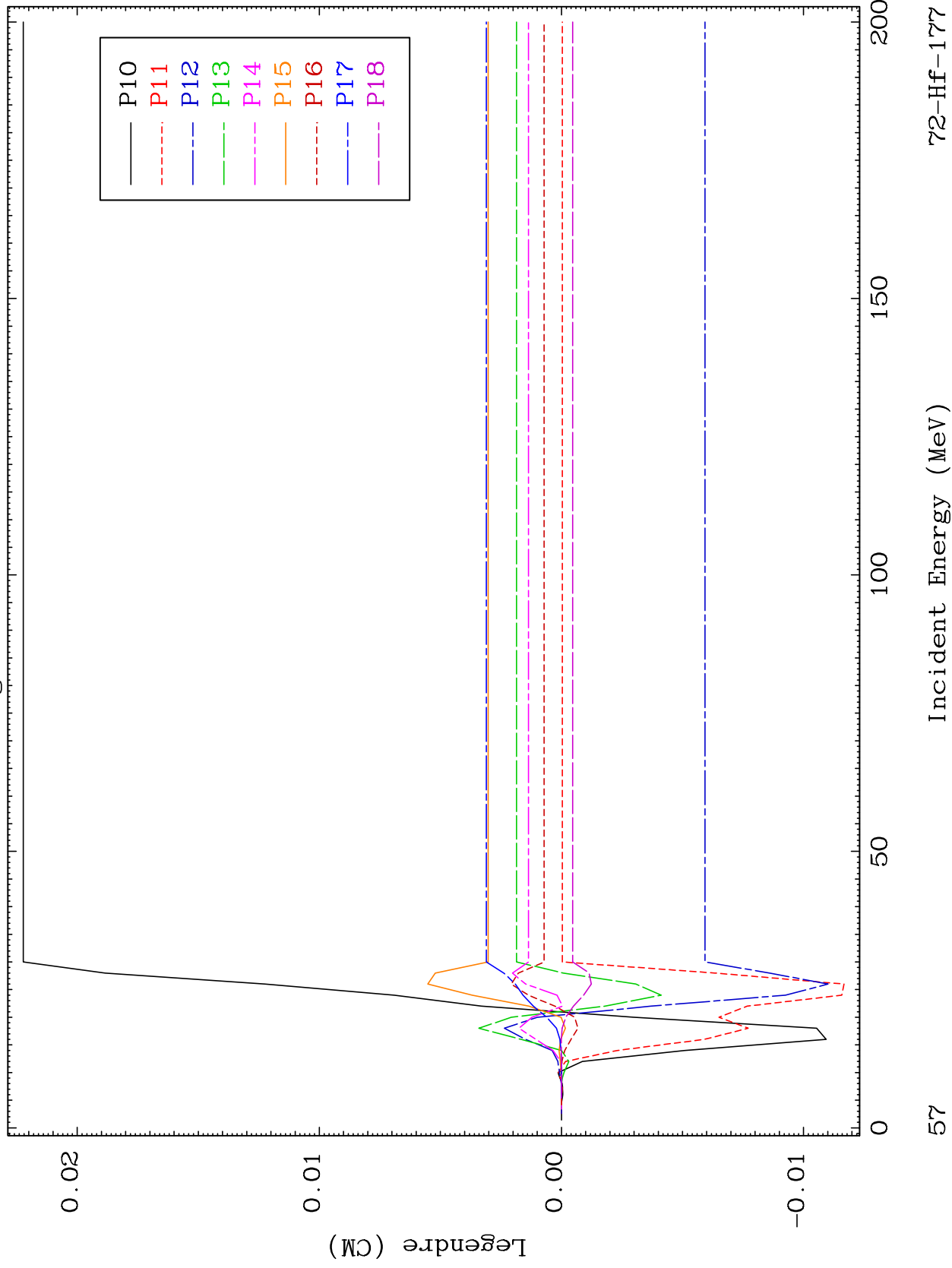
Incident Energy (MeV)

56

MAT 7234

555.2 keV (n,n') Level
Legendre Coefficients

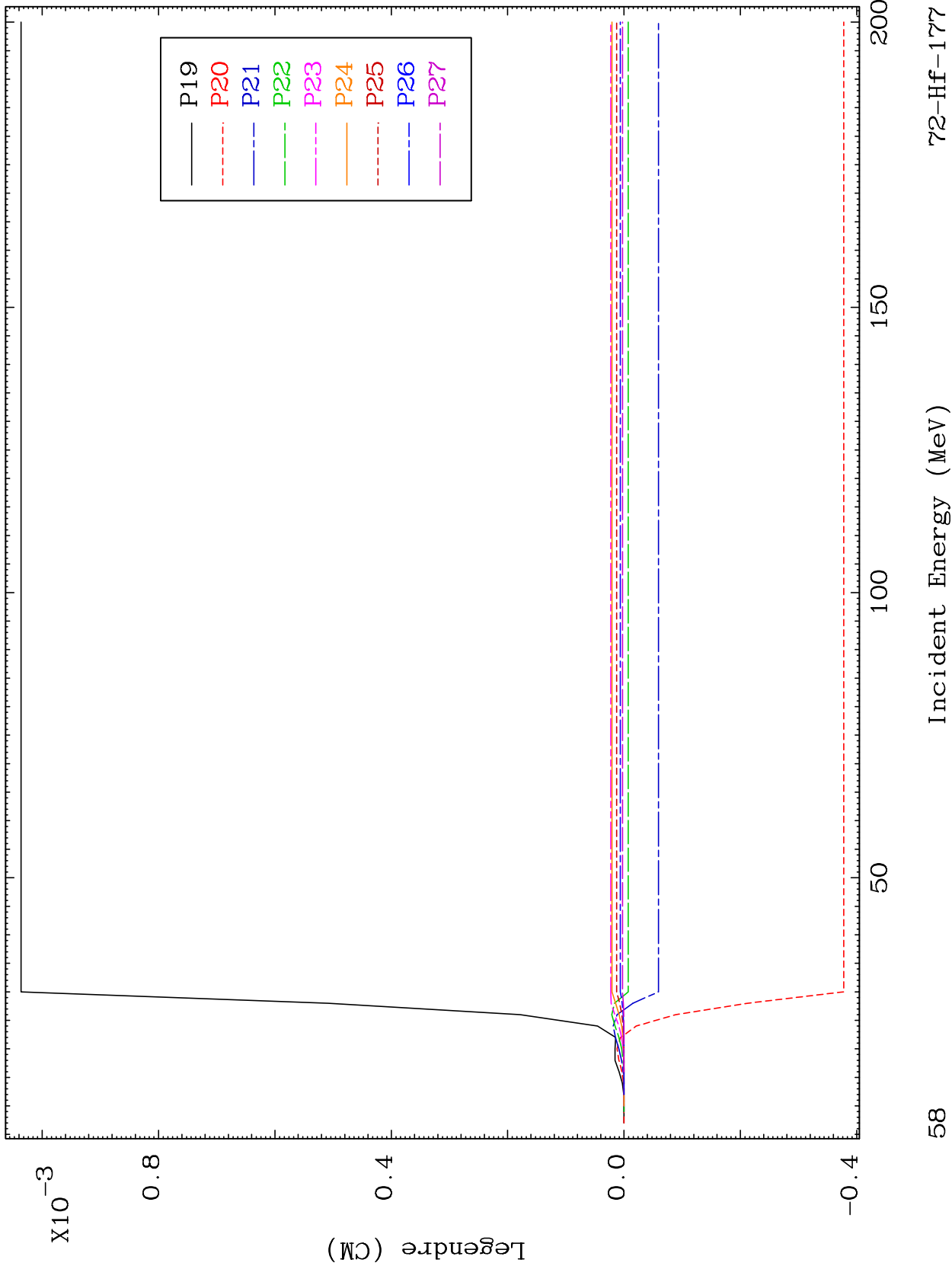
72-Hf-177



57

Incident Energy (MeV)

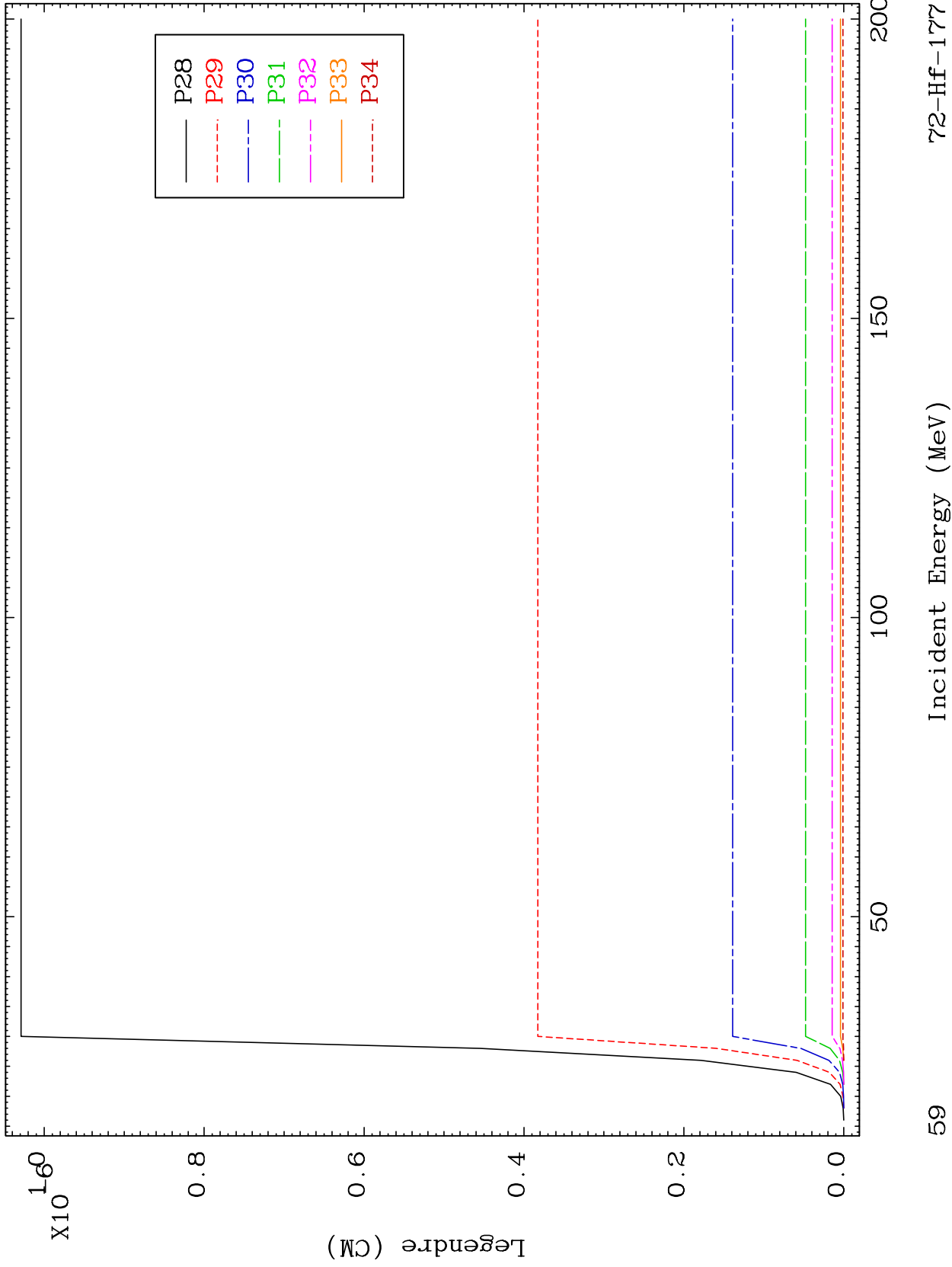
72-Hf-177



MAT 7234

555.2 keV (n, n') Level
Legendre Coefficients

72-Hf-177



59

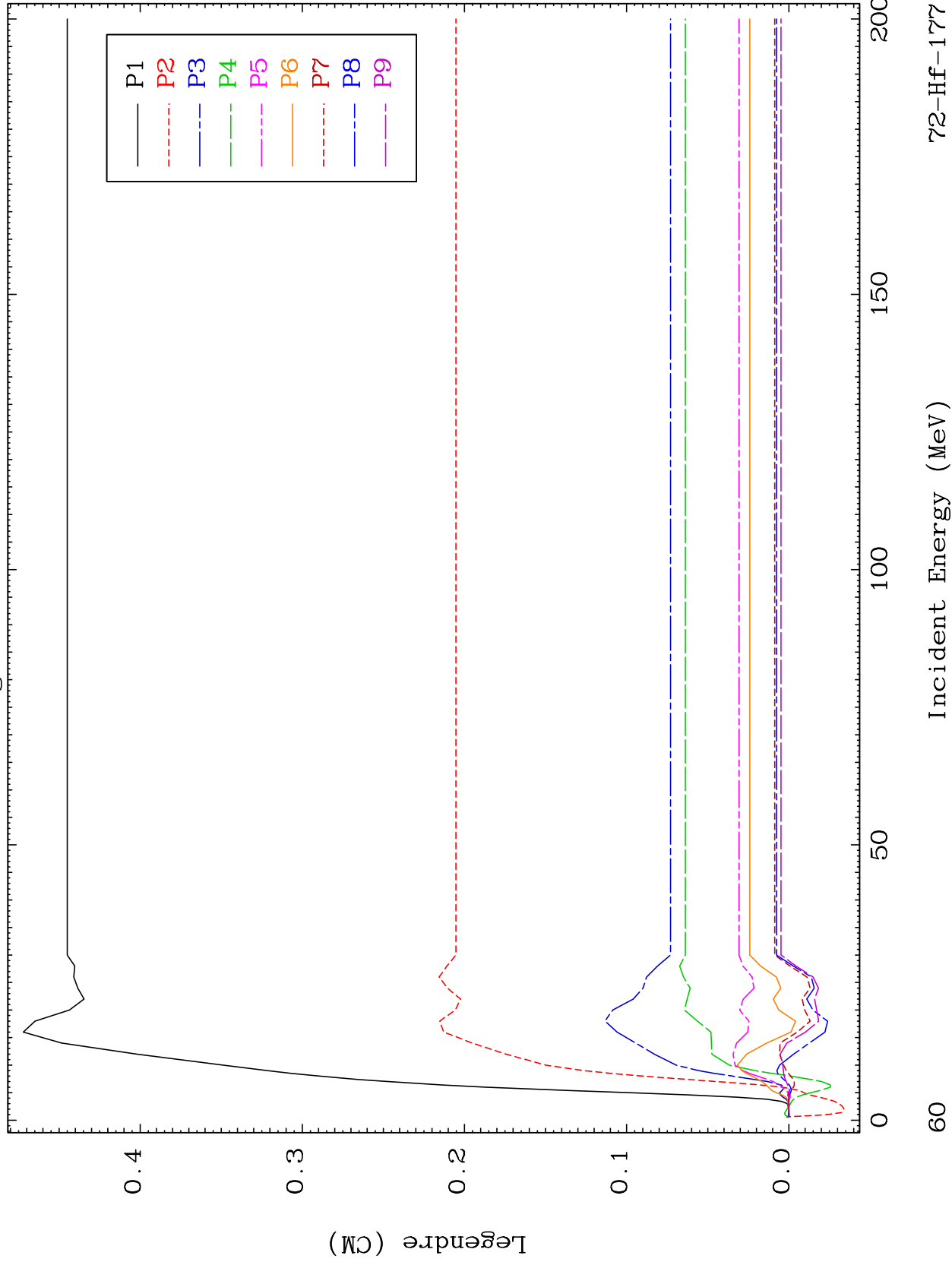
Incident Energy (MeV)

72-Hf-177

MAT 7234

559.4 keV (n,n') Level
Legendre Coefficients

72-Hf-177



72-Hf-177

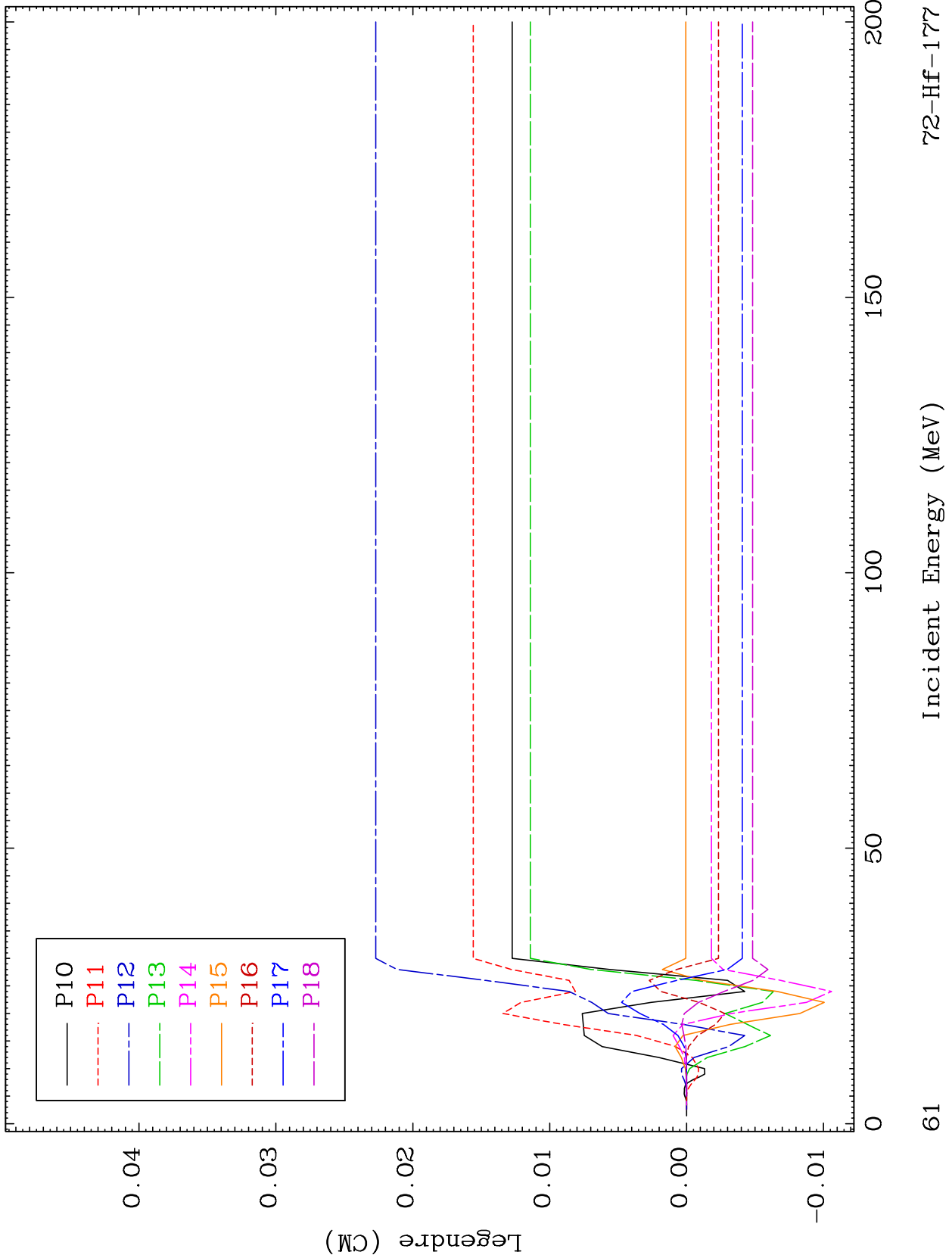
Incident Energy (MeV)

60

MAT 7234

559.4 keV (n,n') Level
Legendre Coefficients

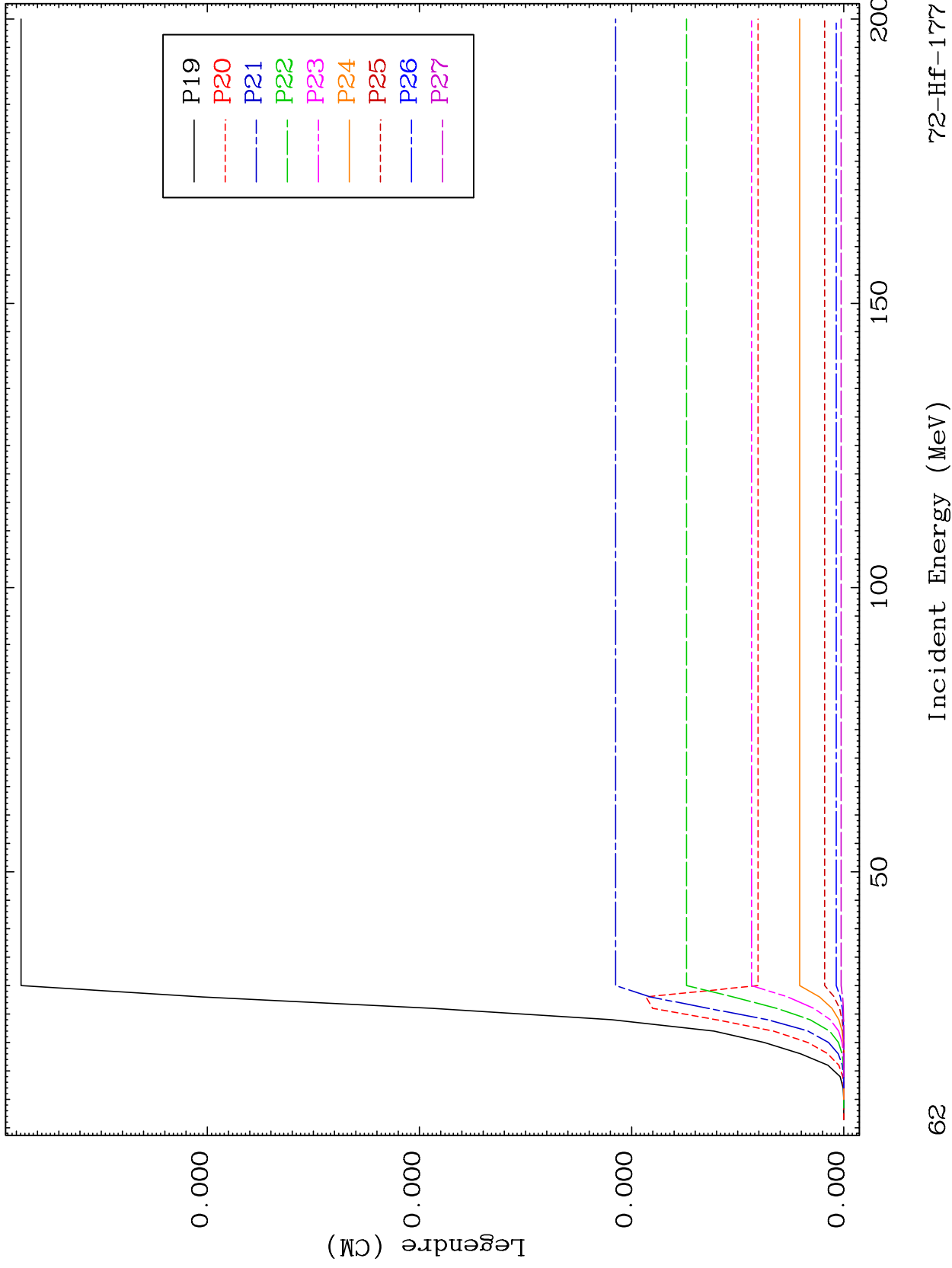
72-Hf-177



MAT 7234

559.4 keV (n,n') Level
Legendre Coefficients

72-Hf-177



62

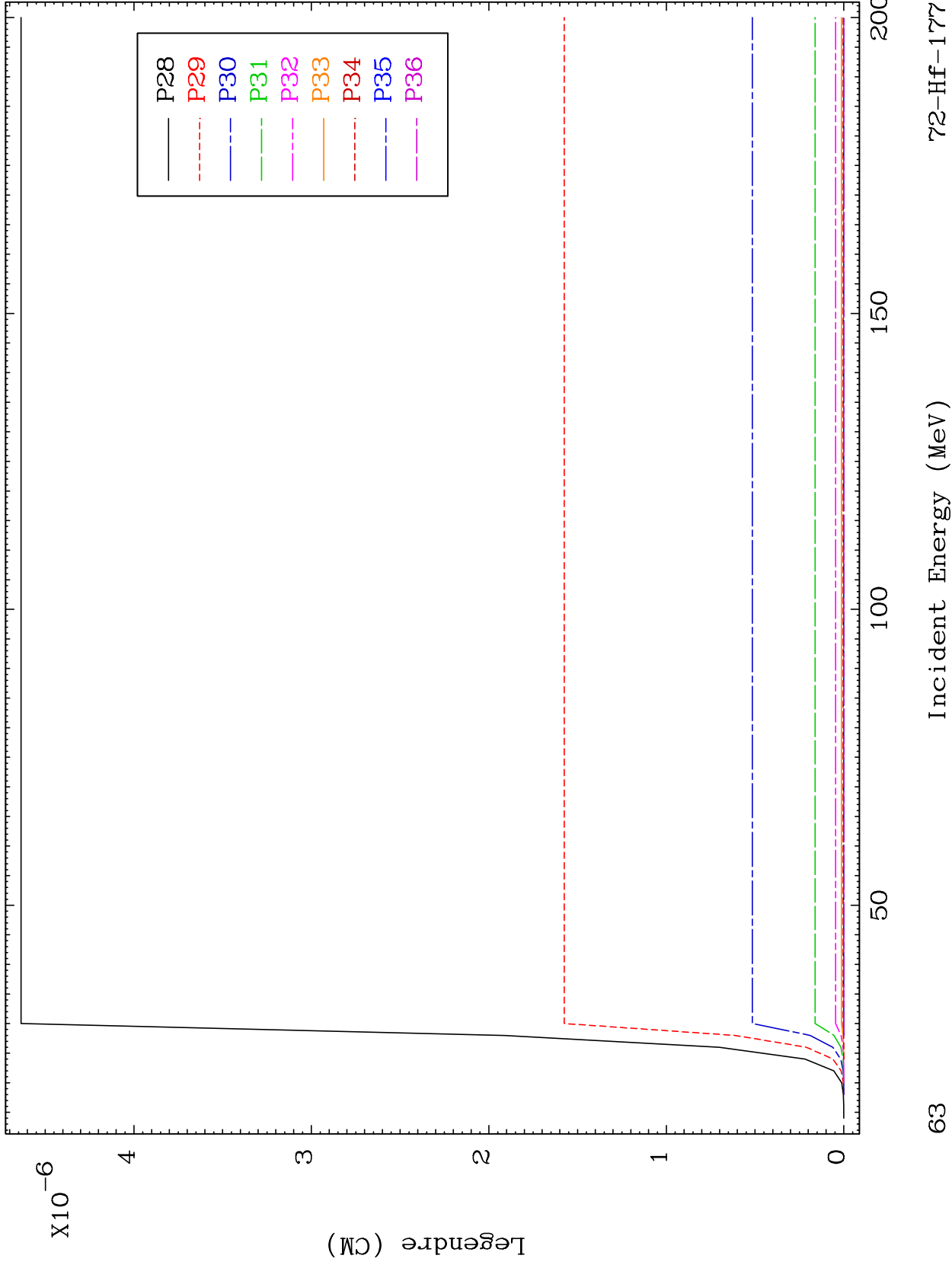
Incident Energy (MeV)

72-Hf-177

MAT 7234

559.4 keV (n,n') Level
Legendre Coefficients

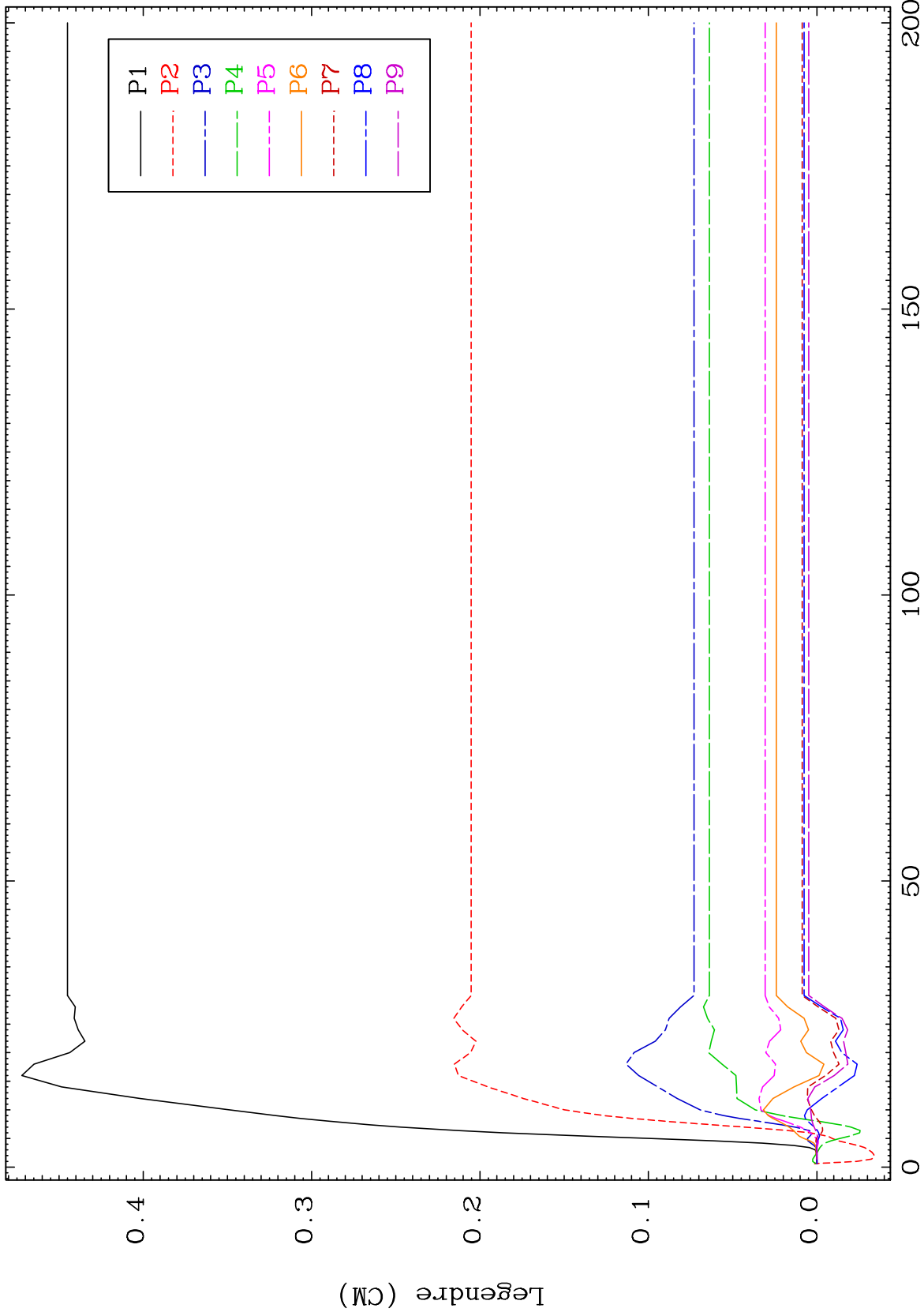
72-Hf-177



MAT 7234

567.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



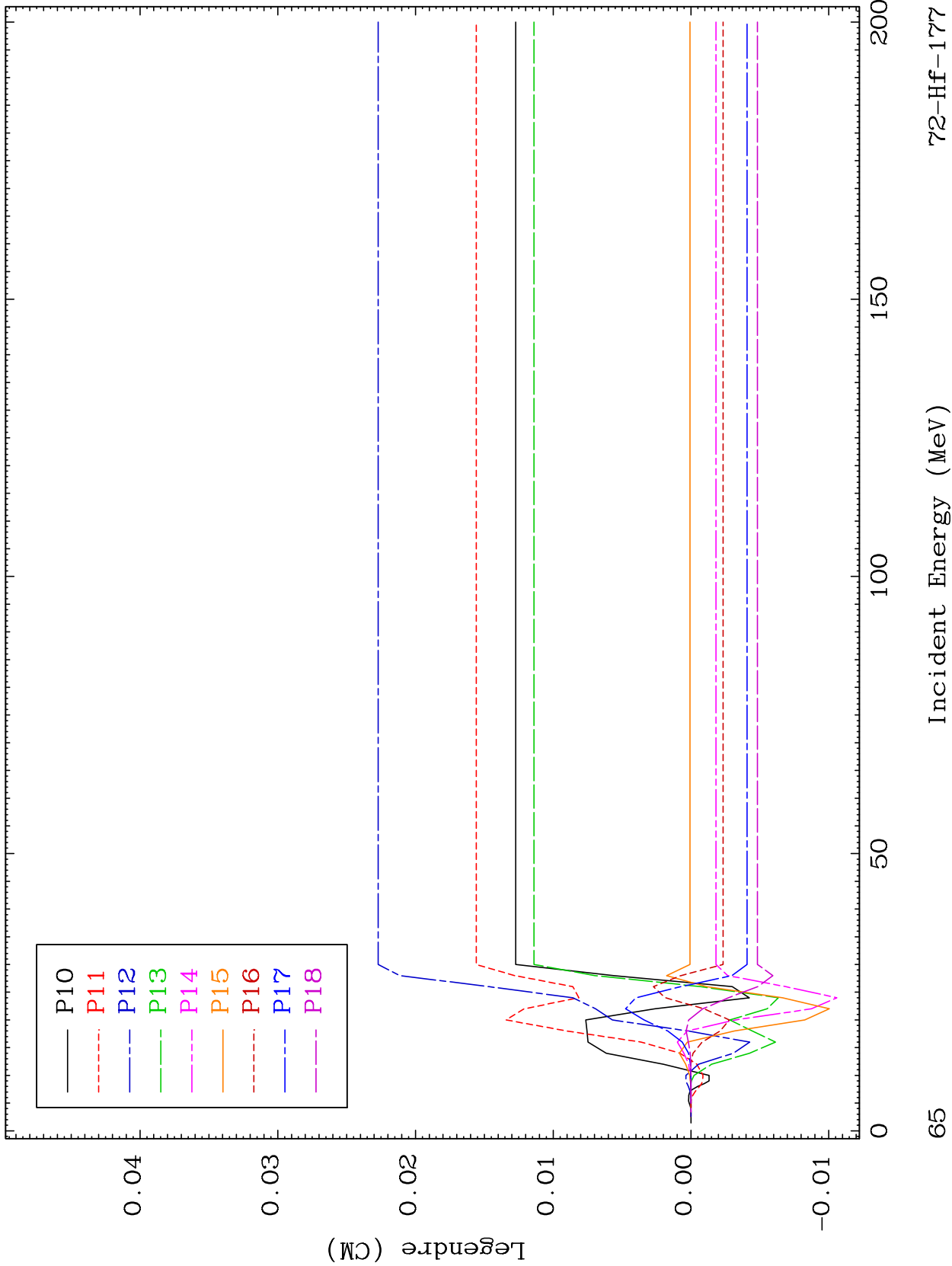
64

72-Hf-177

MAT 7234

567.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



72-Hf-177

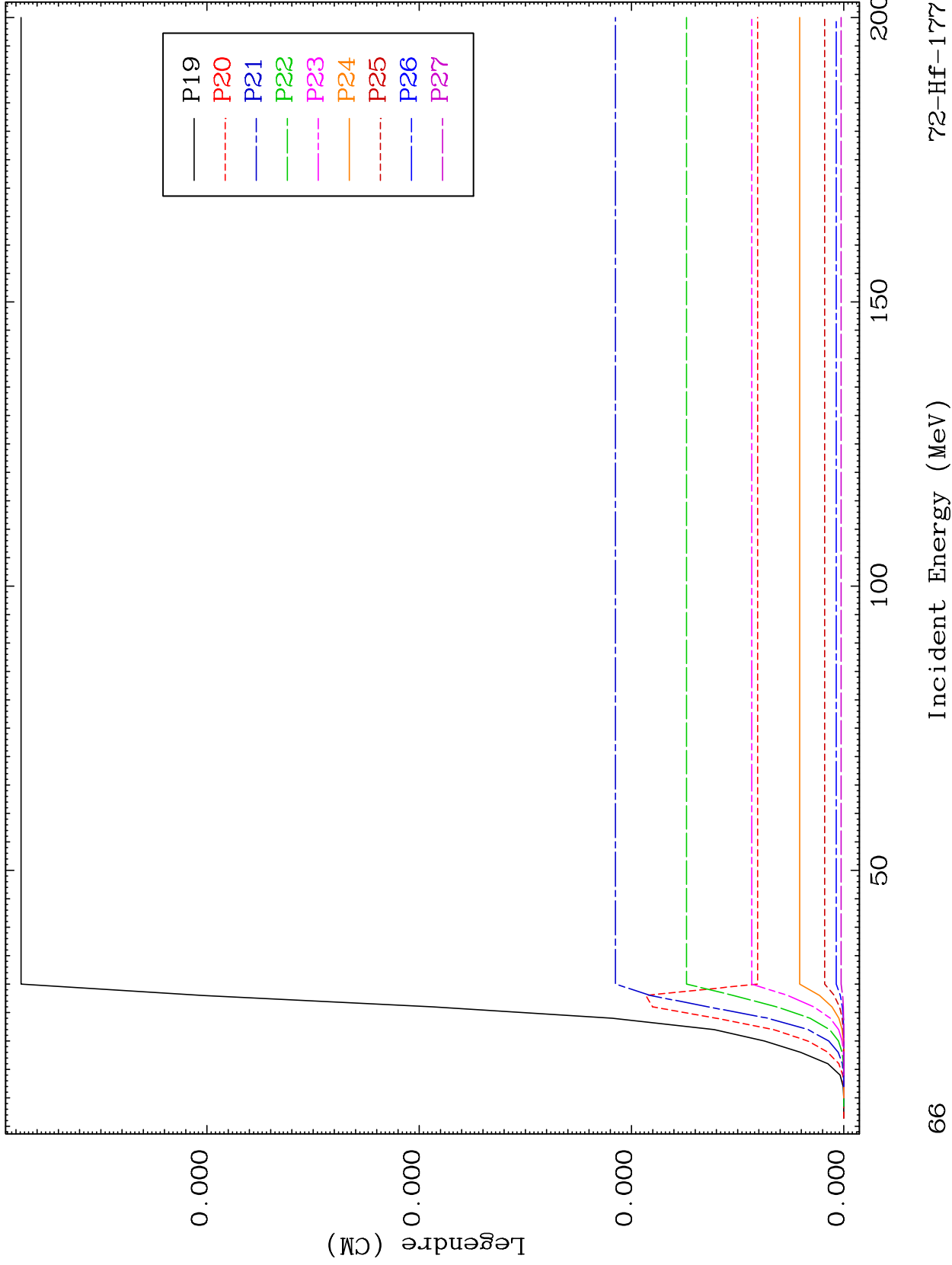
Incident Energy (MeV)

65

MAT 7234

567.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177

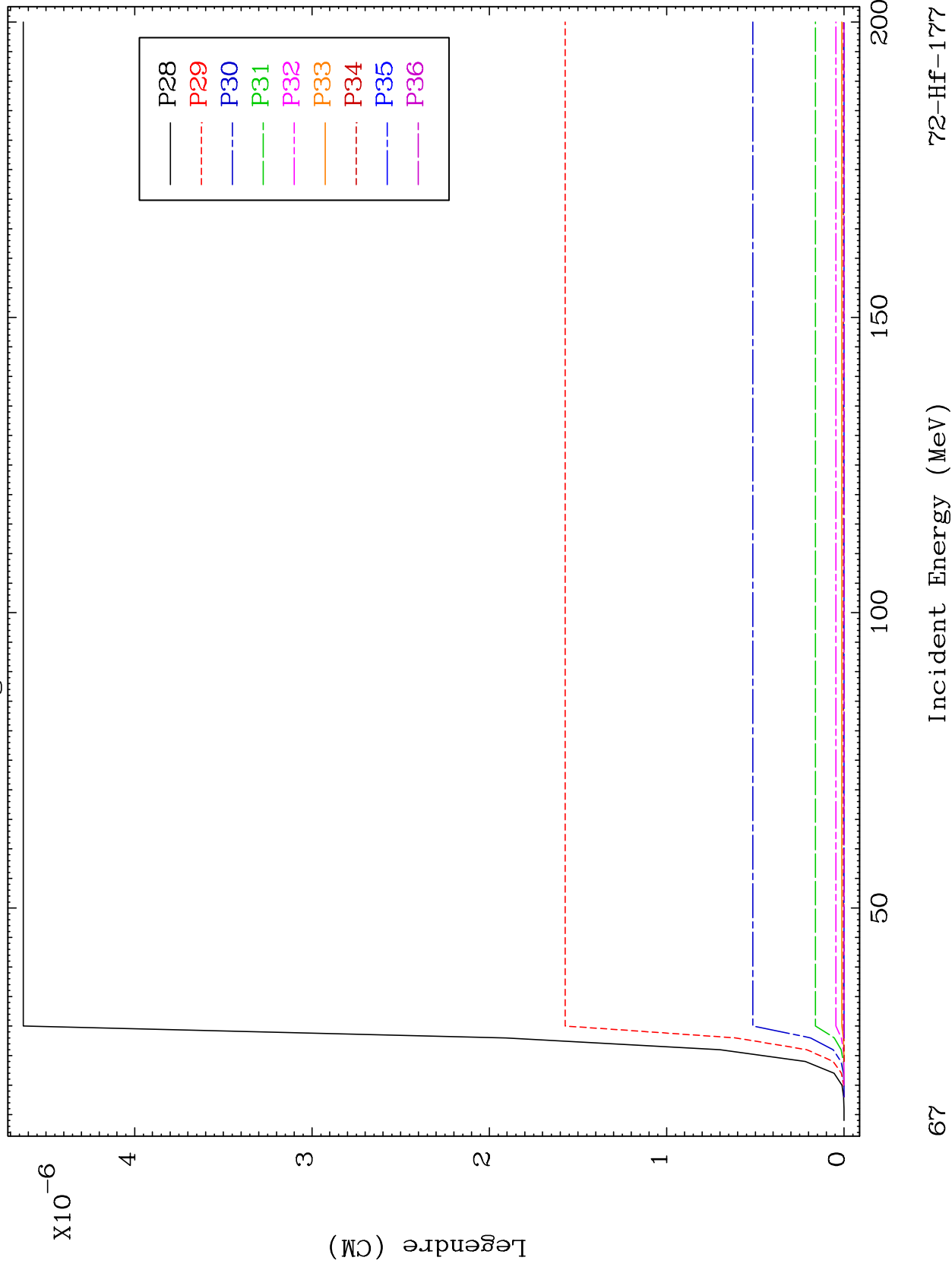


66

MAT 7234

567.0 keV (n,n') Level
Legendre Coefficients

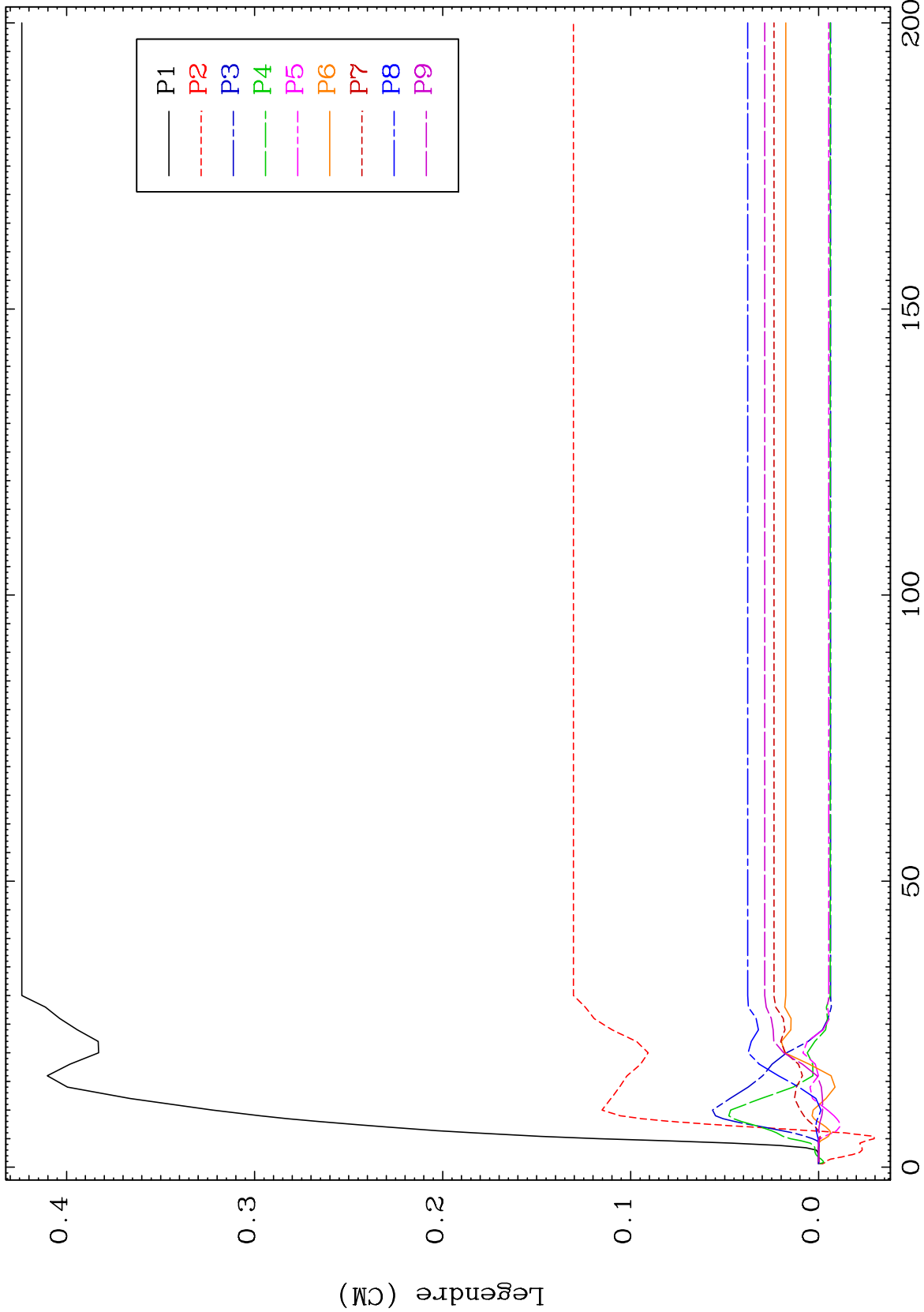
72-Hf-177



MAT 7234

591.3 keV (n,n') Level
Legendre Coefficients

72-Hf-177



68

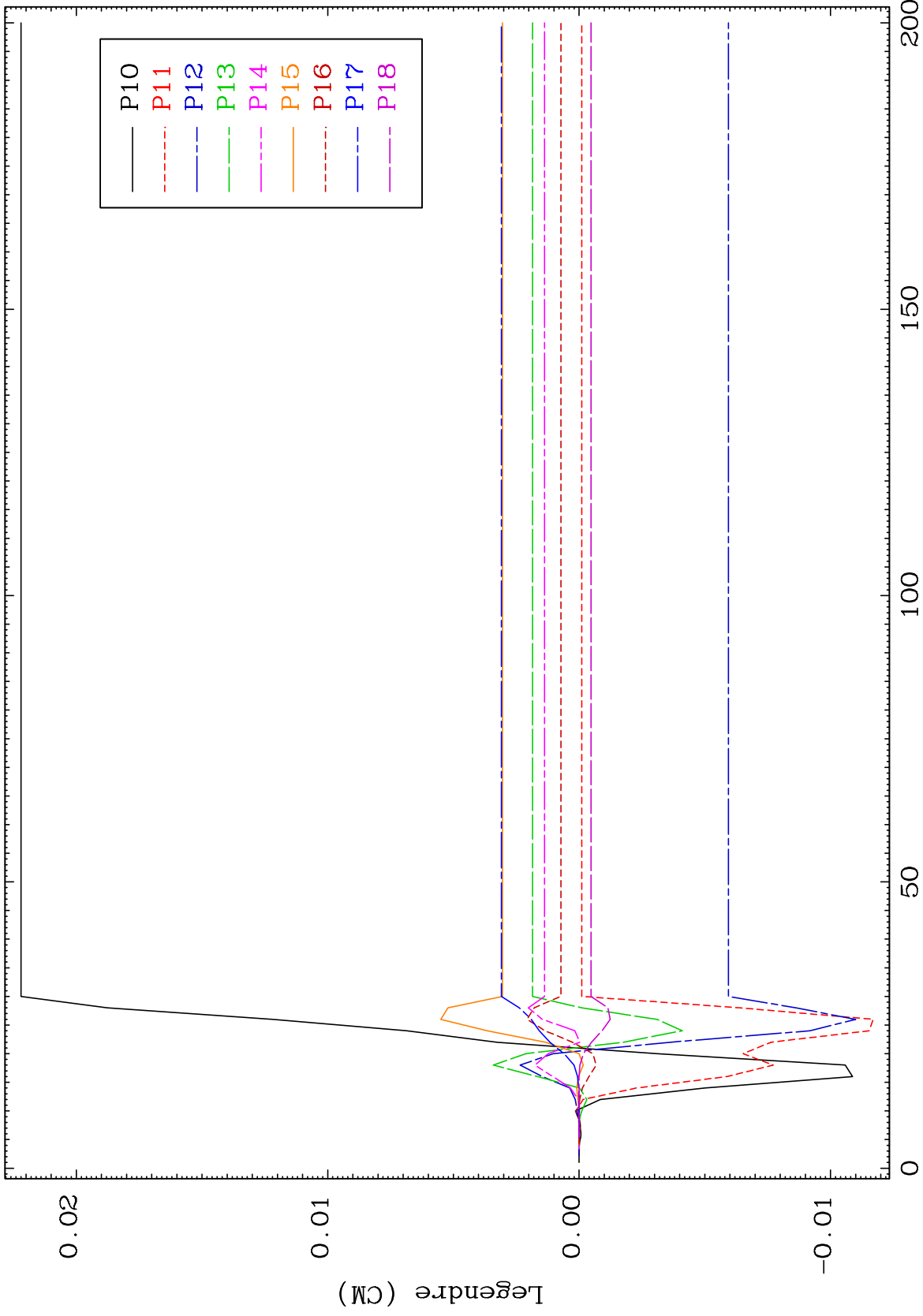
Incident Energy (MeV)

72-Hf-177

MAT 7234

591.3 keV (n,n') Level
Legendre Coefficients

72-Hf-177



69

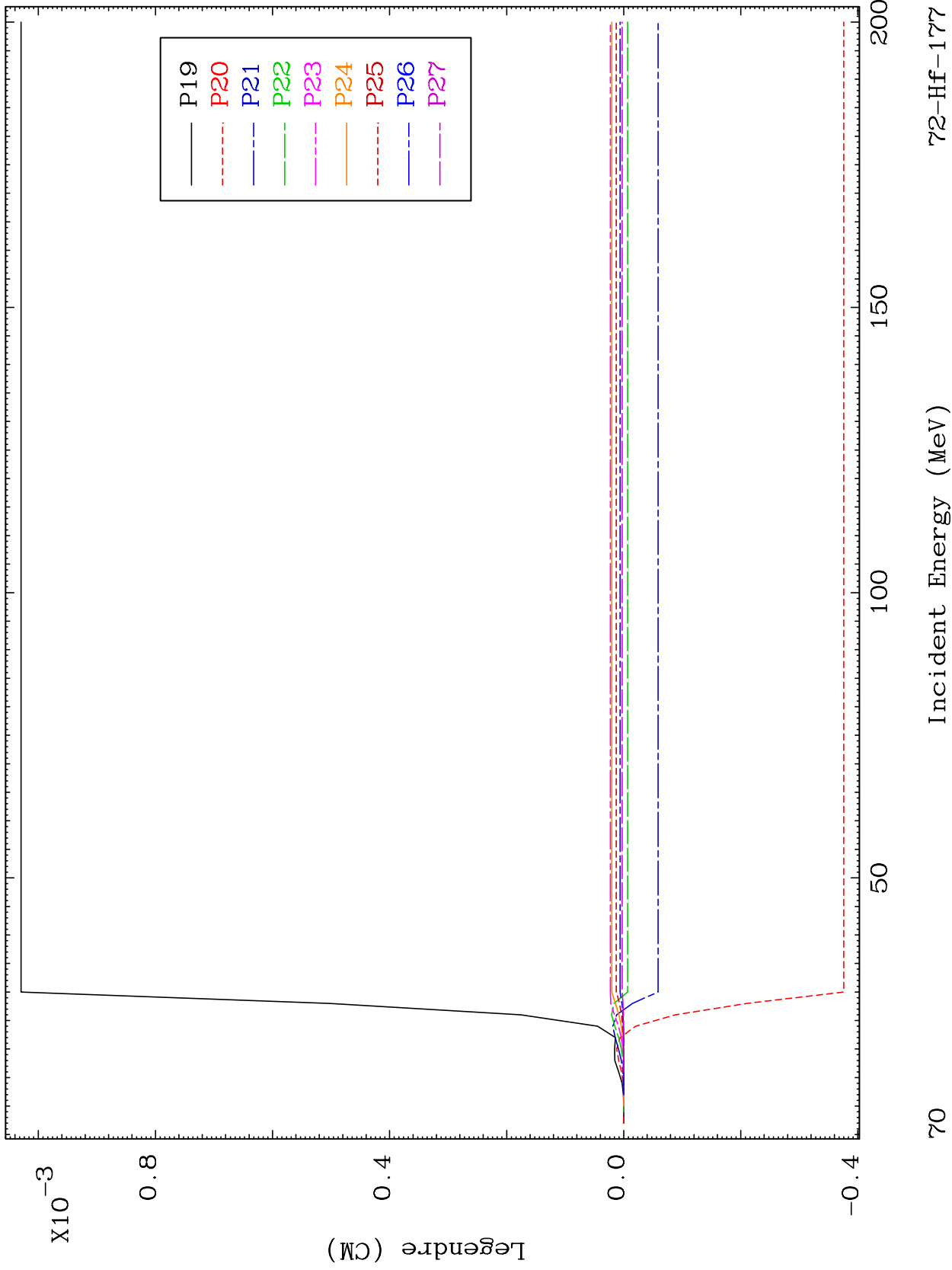
Incident Energy (MeV)

72-Hf-177

MAT 7234

591.3 keV (n,n') Level
Legendre Coefficients

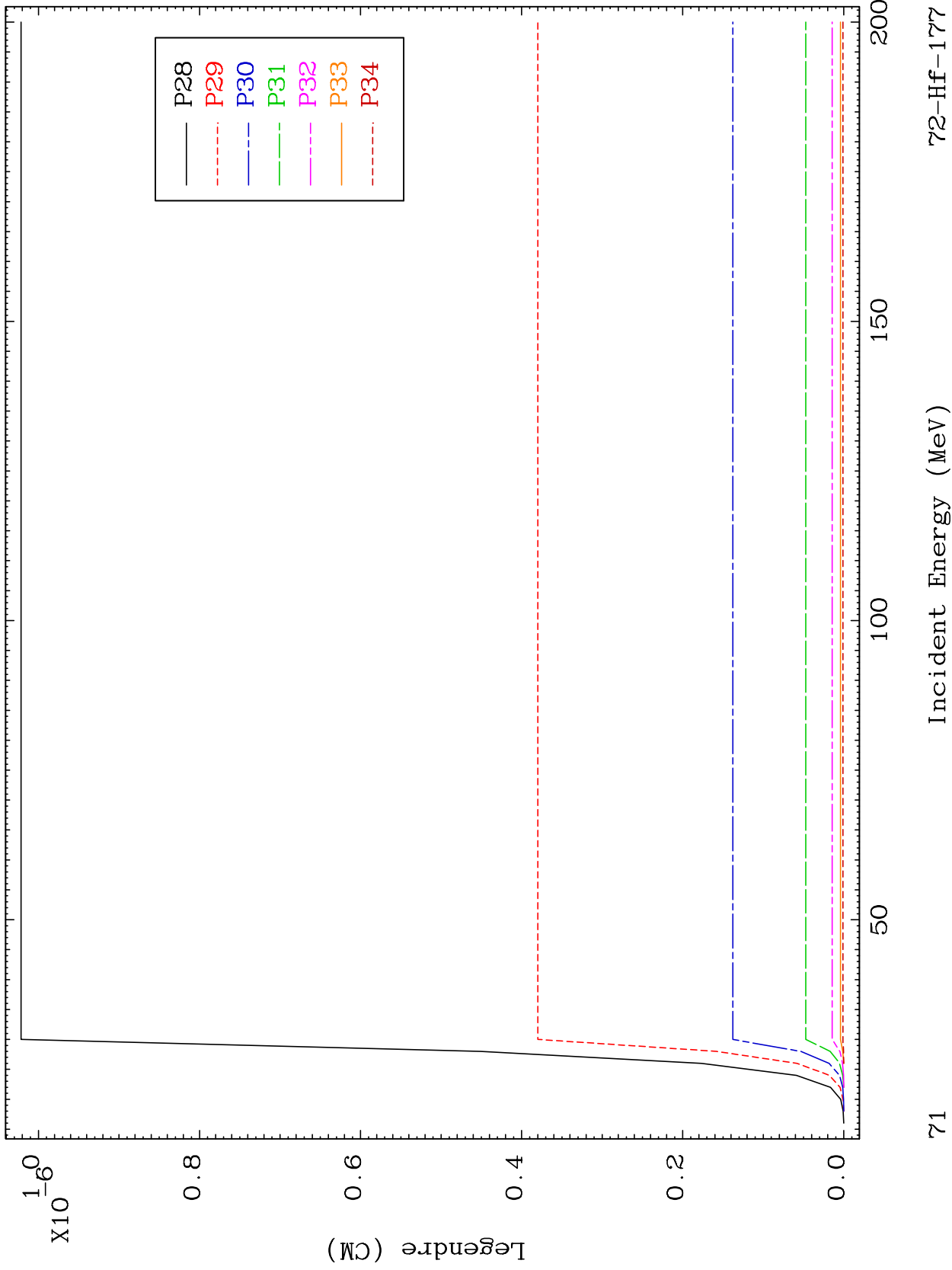
72-Hf-177



72-Hf-177

Incident Energy (MeV)

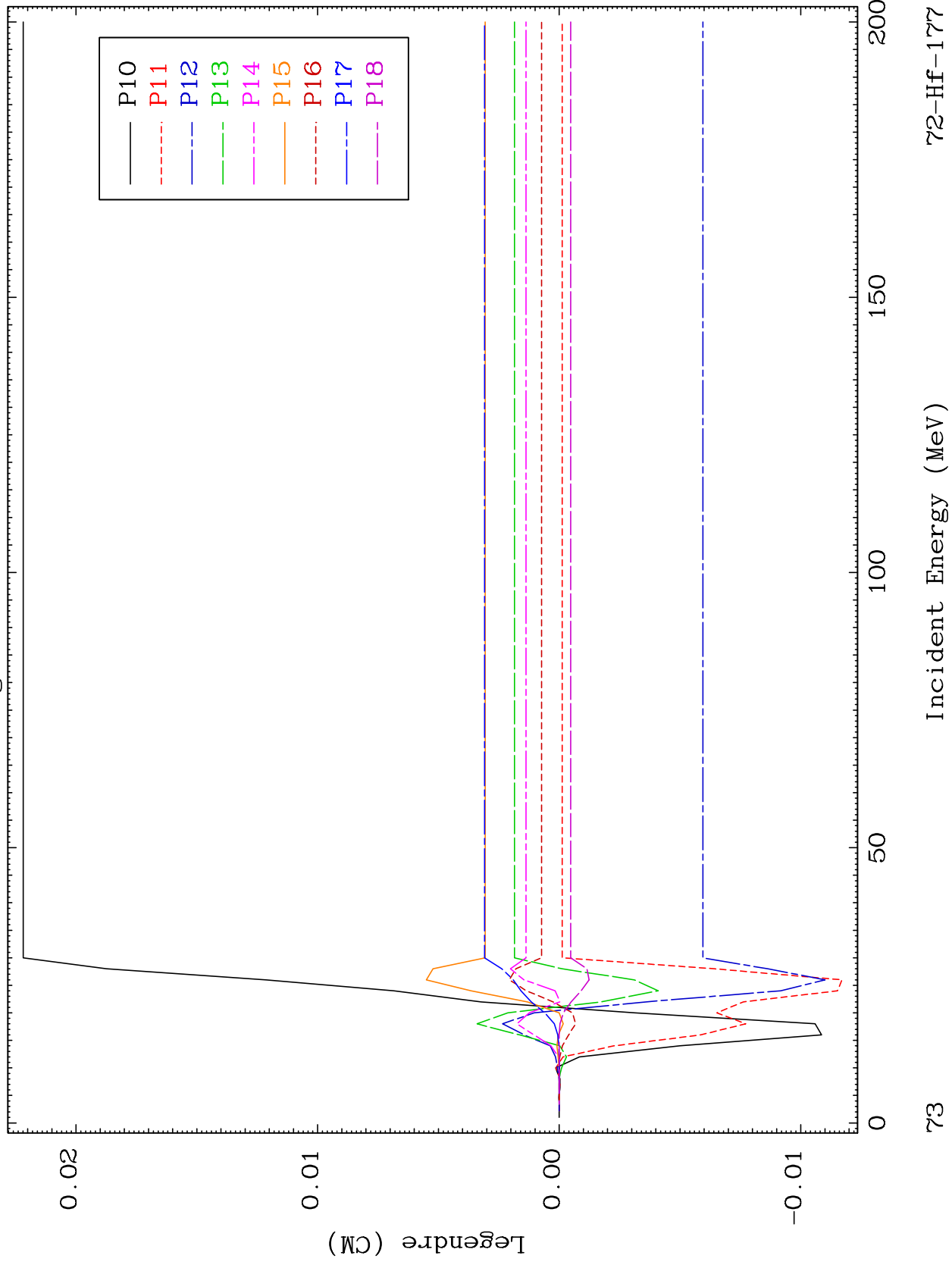
70



MAT 7234

604.5 keV (n,n') Level
Legendre Coefficients

72-Hf-177



73

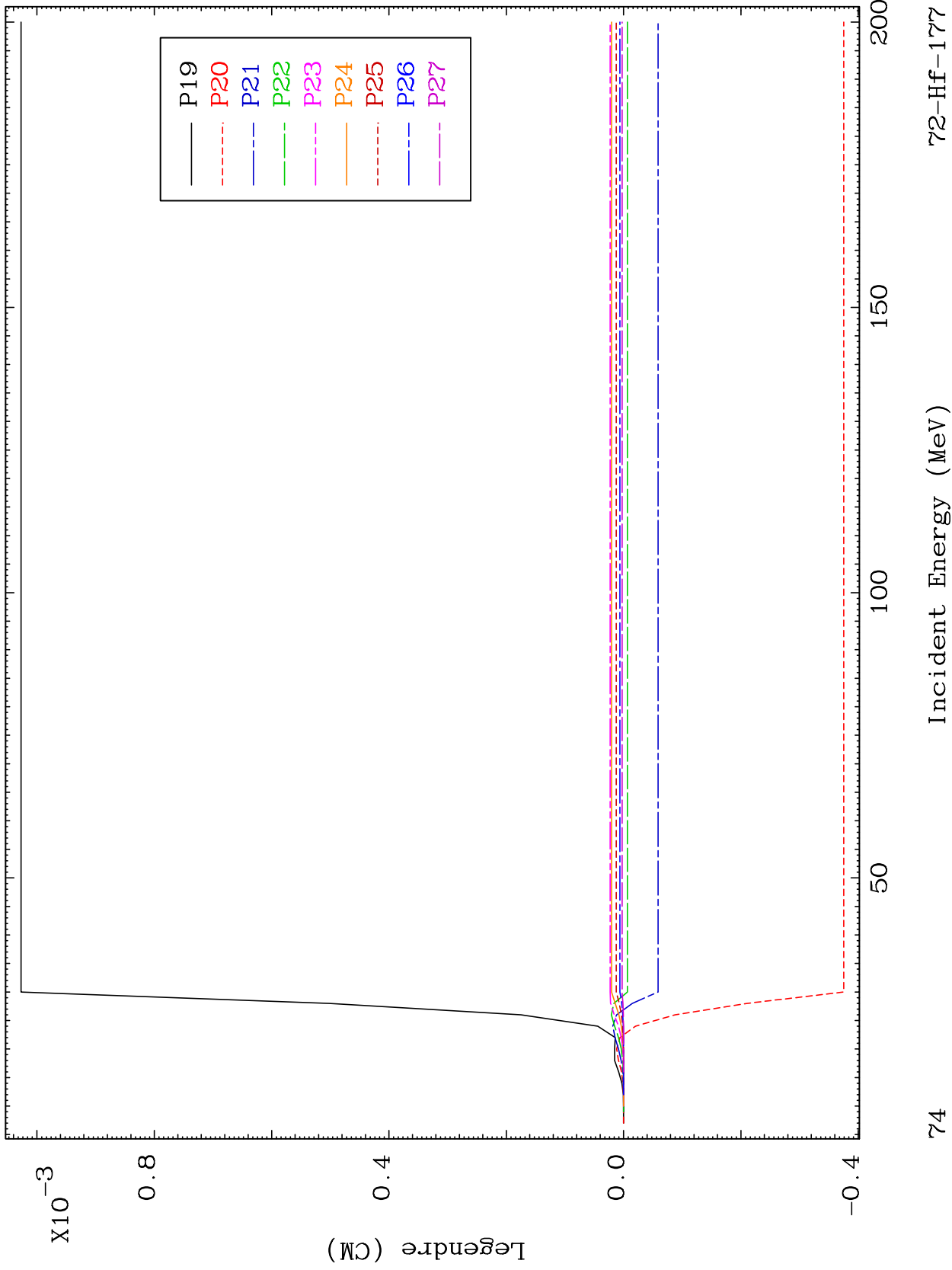
Incident Energy (MeV)

72-Hf-177

MAT 7234

604.5 keV (n,n') Level
Legendre Coefficients

72-Hf-177



74

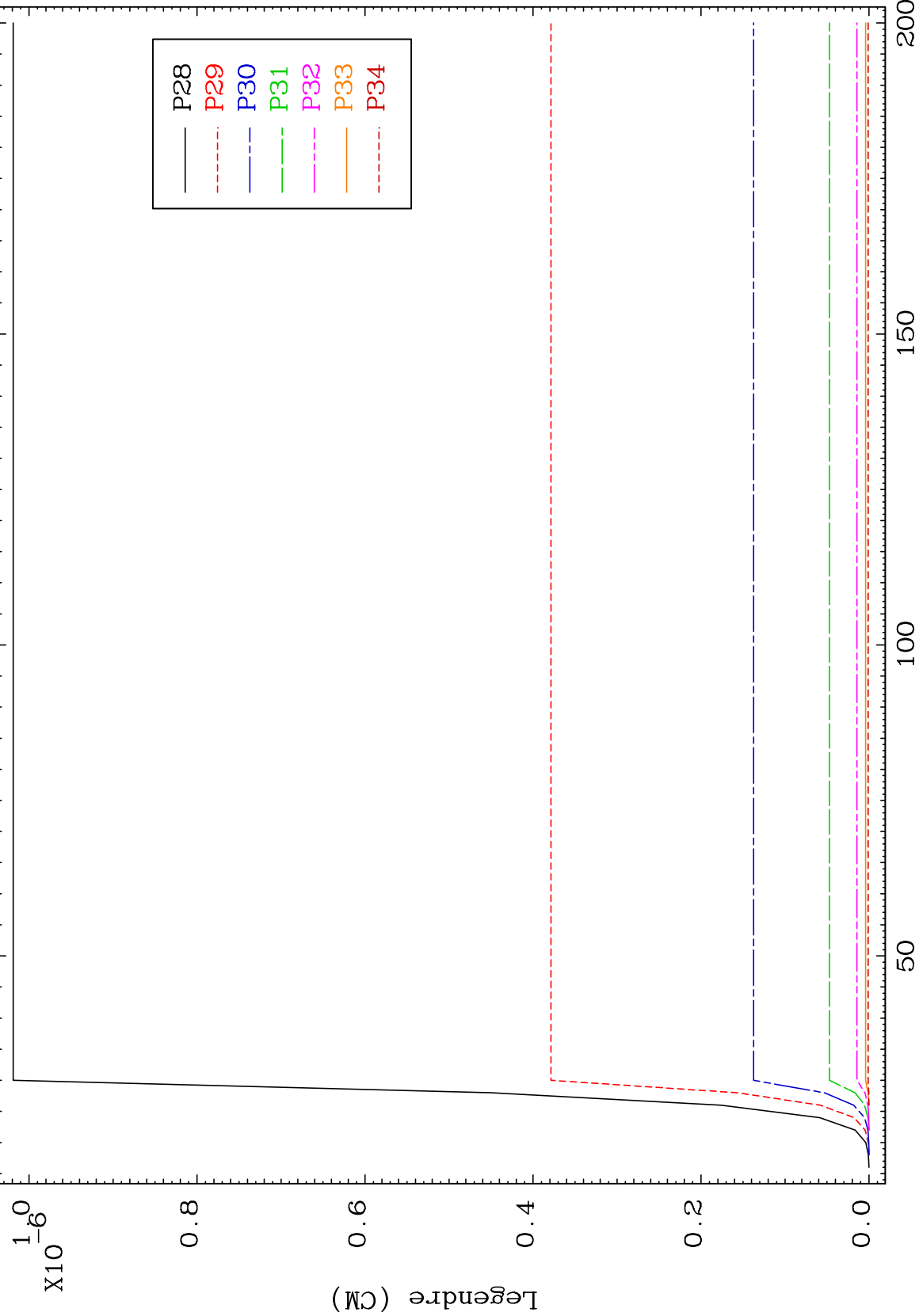
Incident Energy (MeV)

72-Hf-177

MAT 7234

604.5 keV (n,n') Level
Legendre Coefficients

72-Hf-177



75

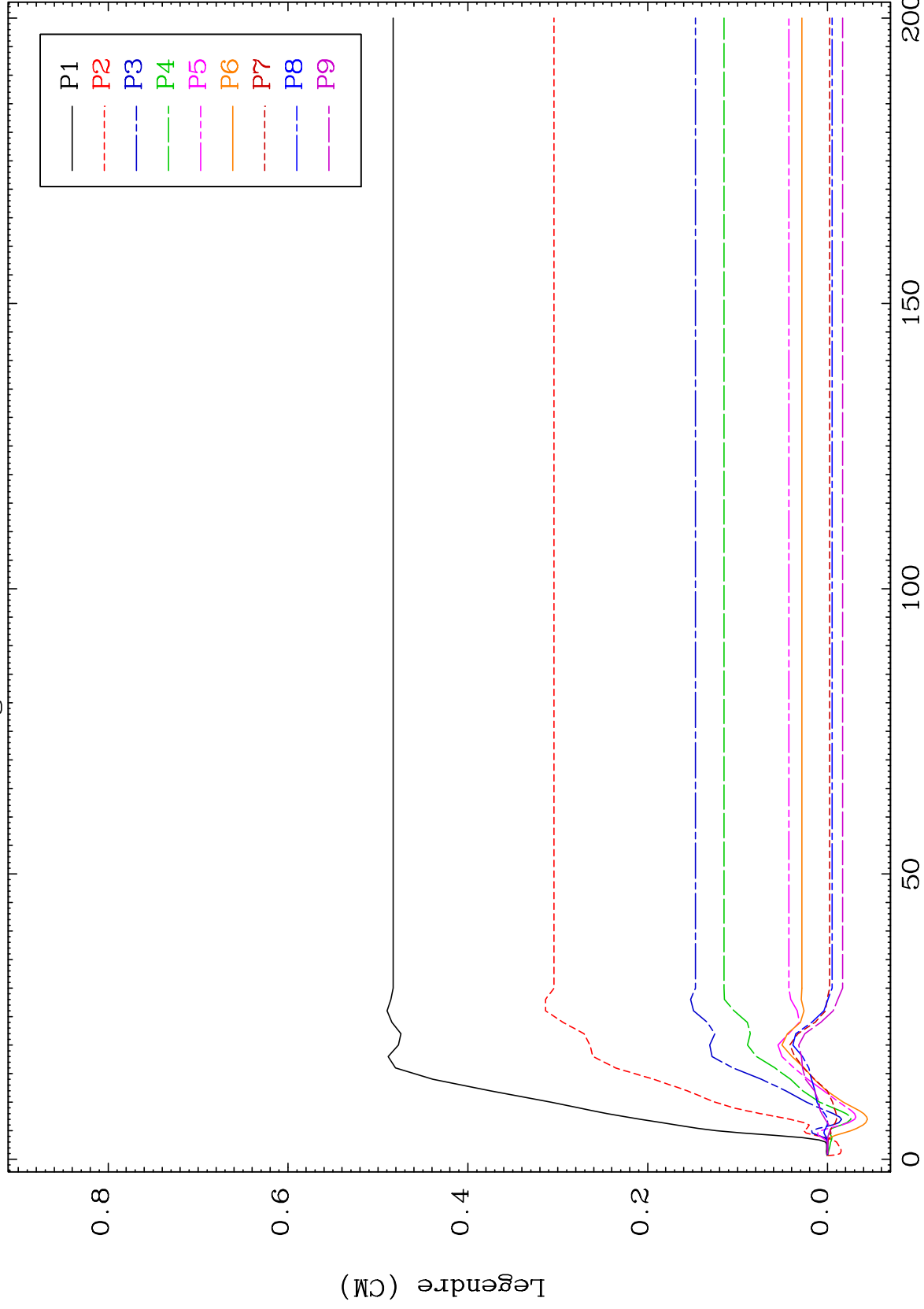
Incident Energy (MeV)

72-Hf-177

MAT 7234

607.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



76

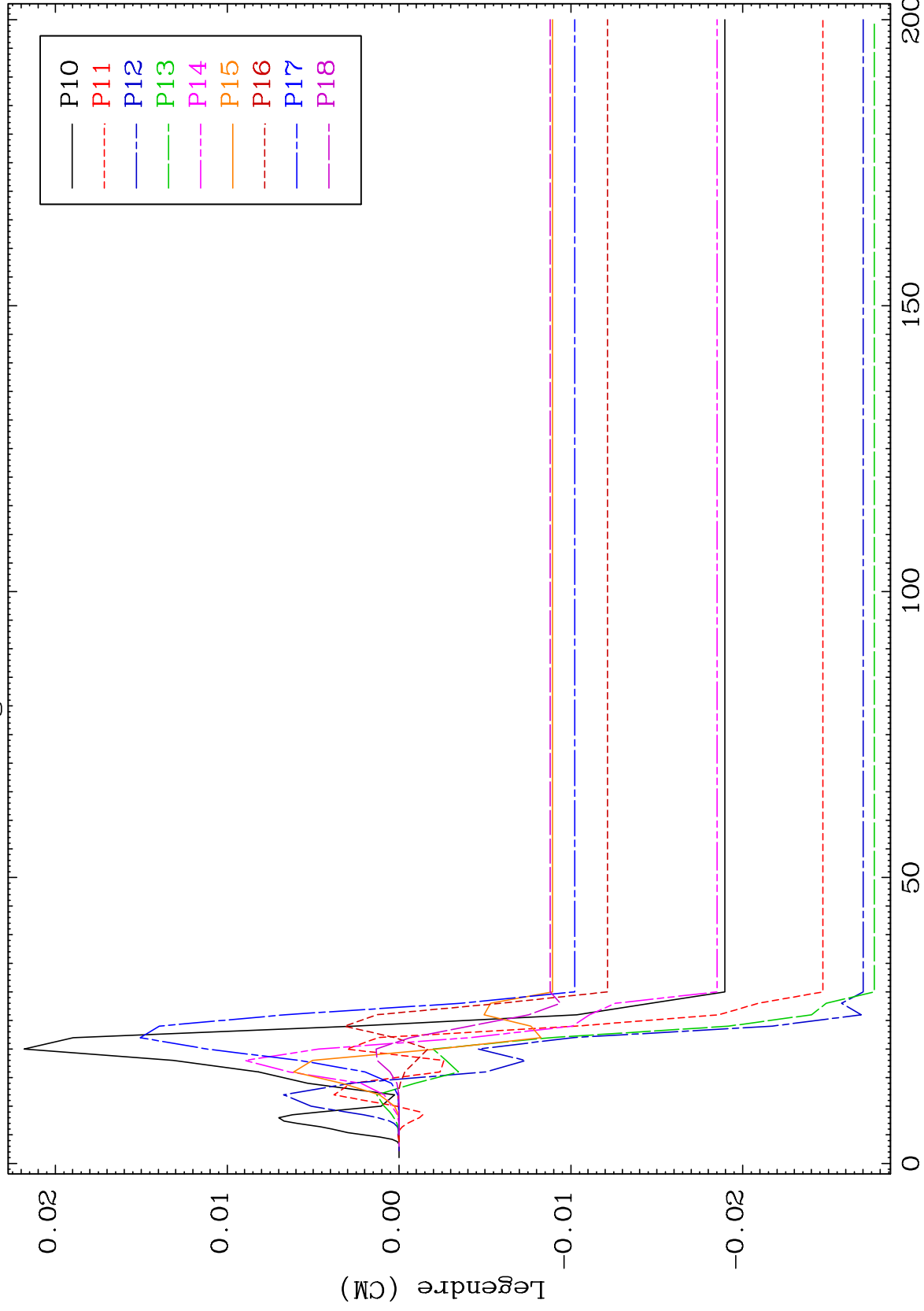
Incident Energy (MeV)

72-Hf-177

MAT 7234

607.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



77

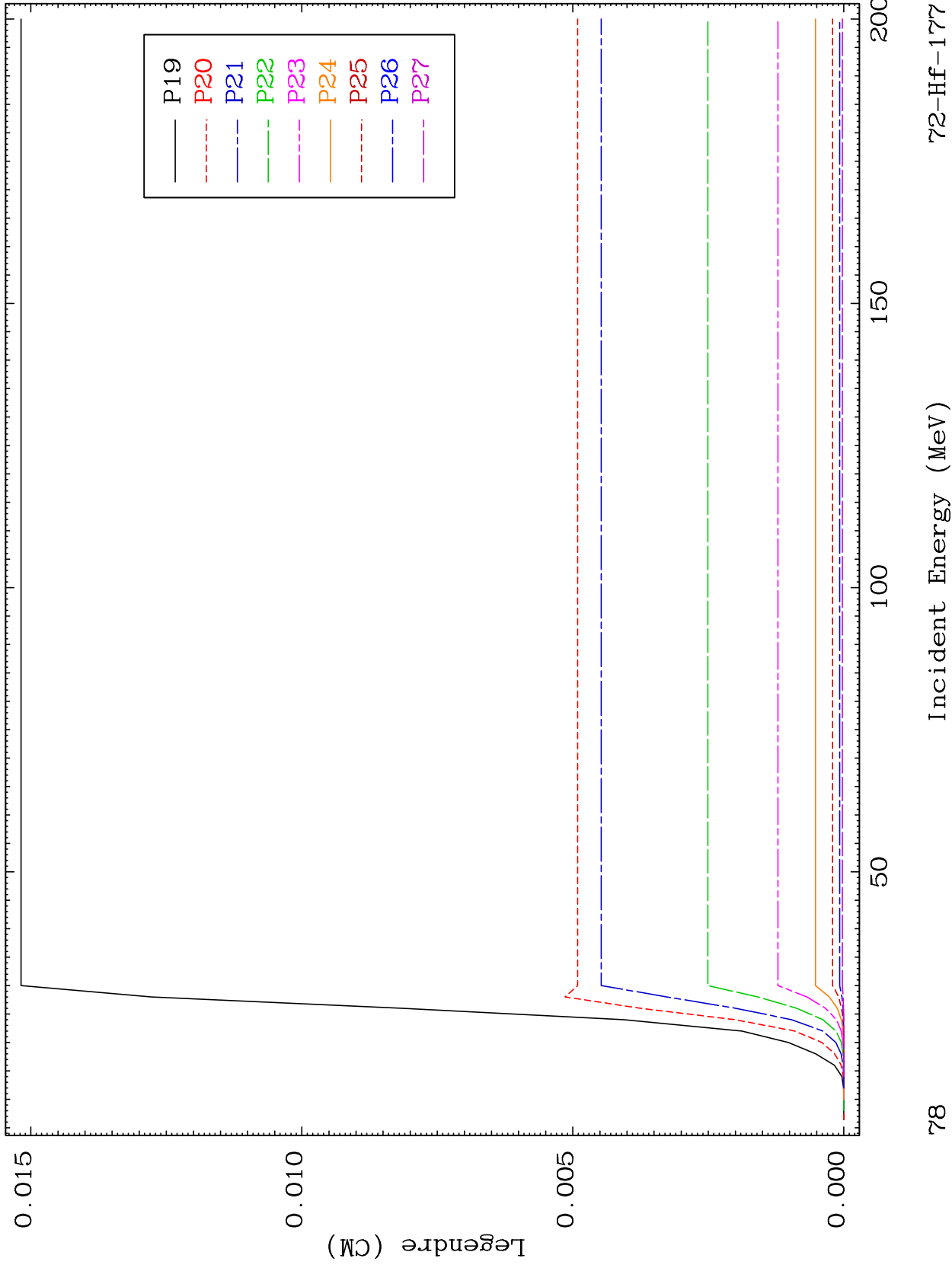
Incident Energy (MeV)

72-Hf-177

MAT 7234

607.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



78

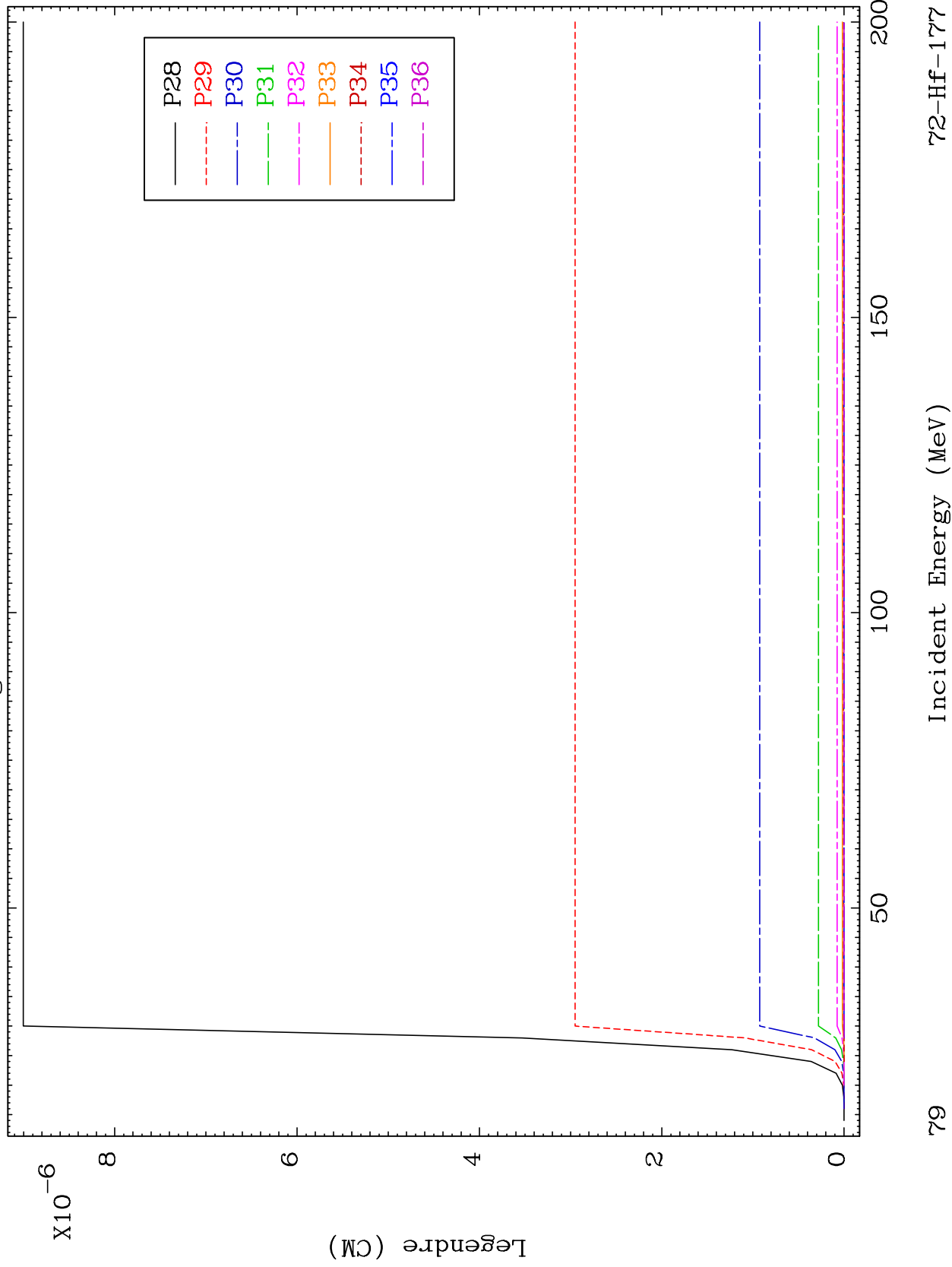
Incident Energy (MeV)

72-Hf-177

MAT 7234

607.0 keV (n,n') Level
Legendre Coefficients

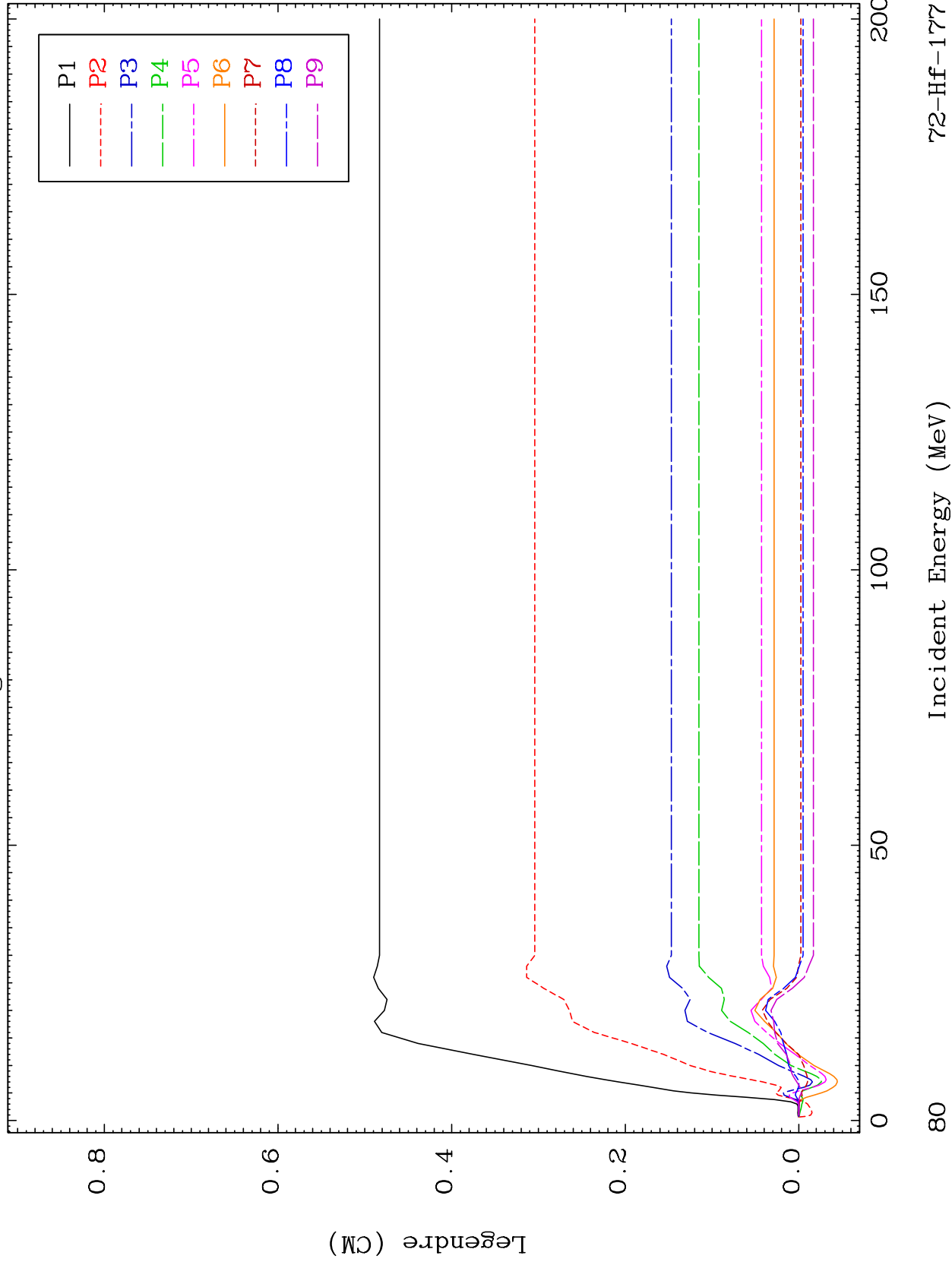
72-Hf-177



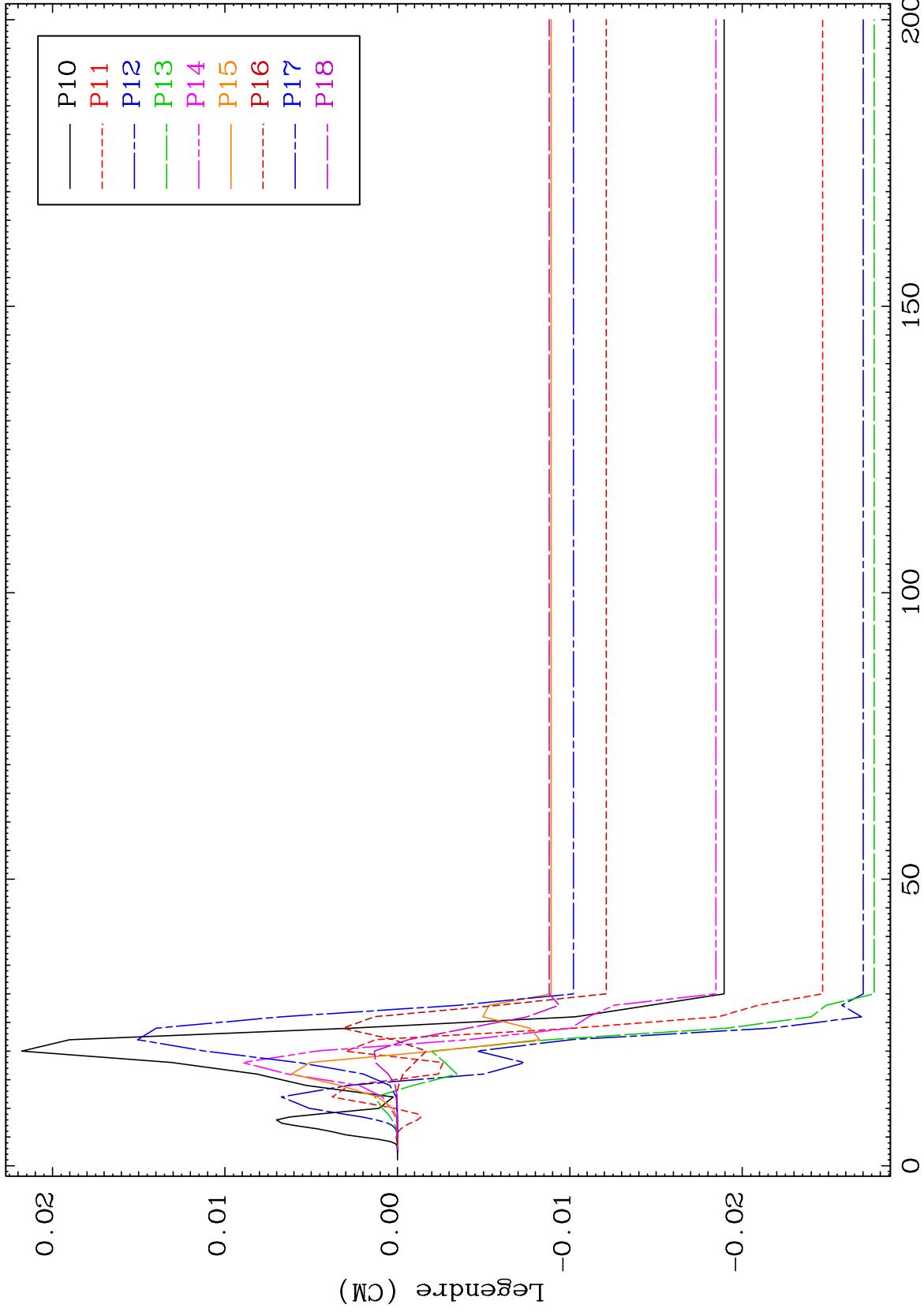
MAT 7234

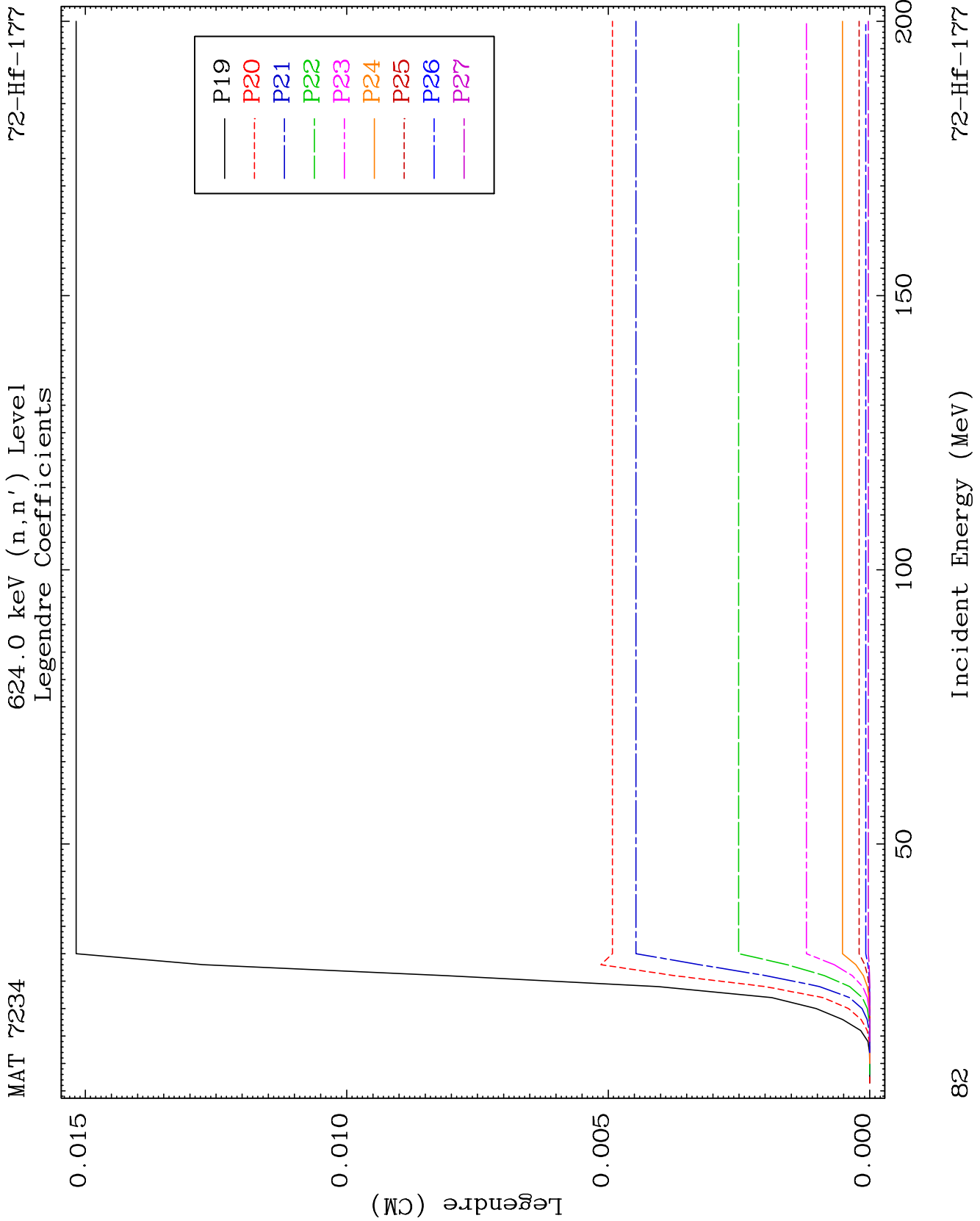
624.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



72-Hf-177

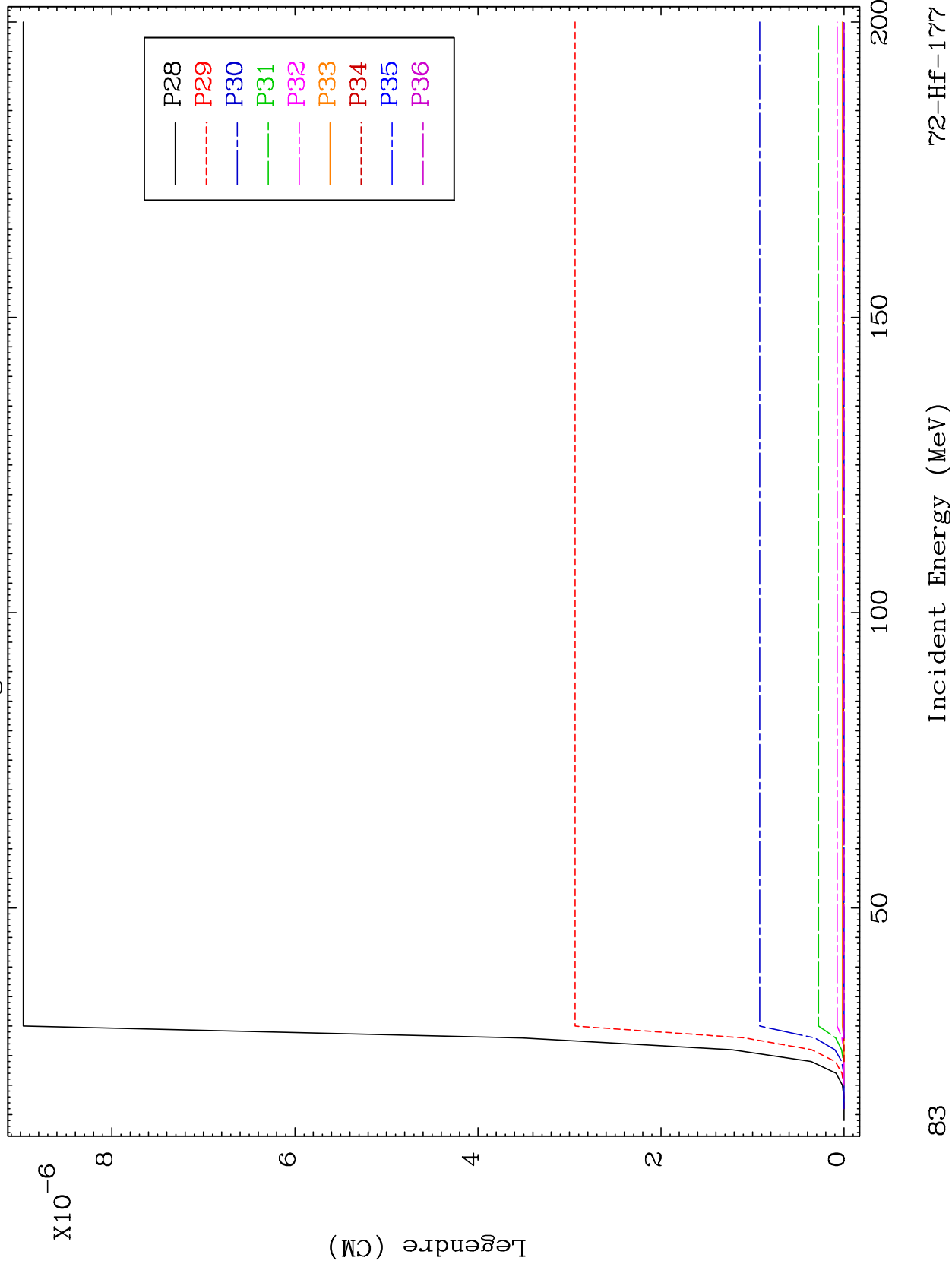




MAT 7234

624.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



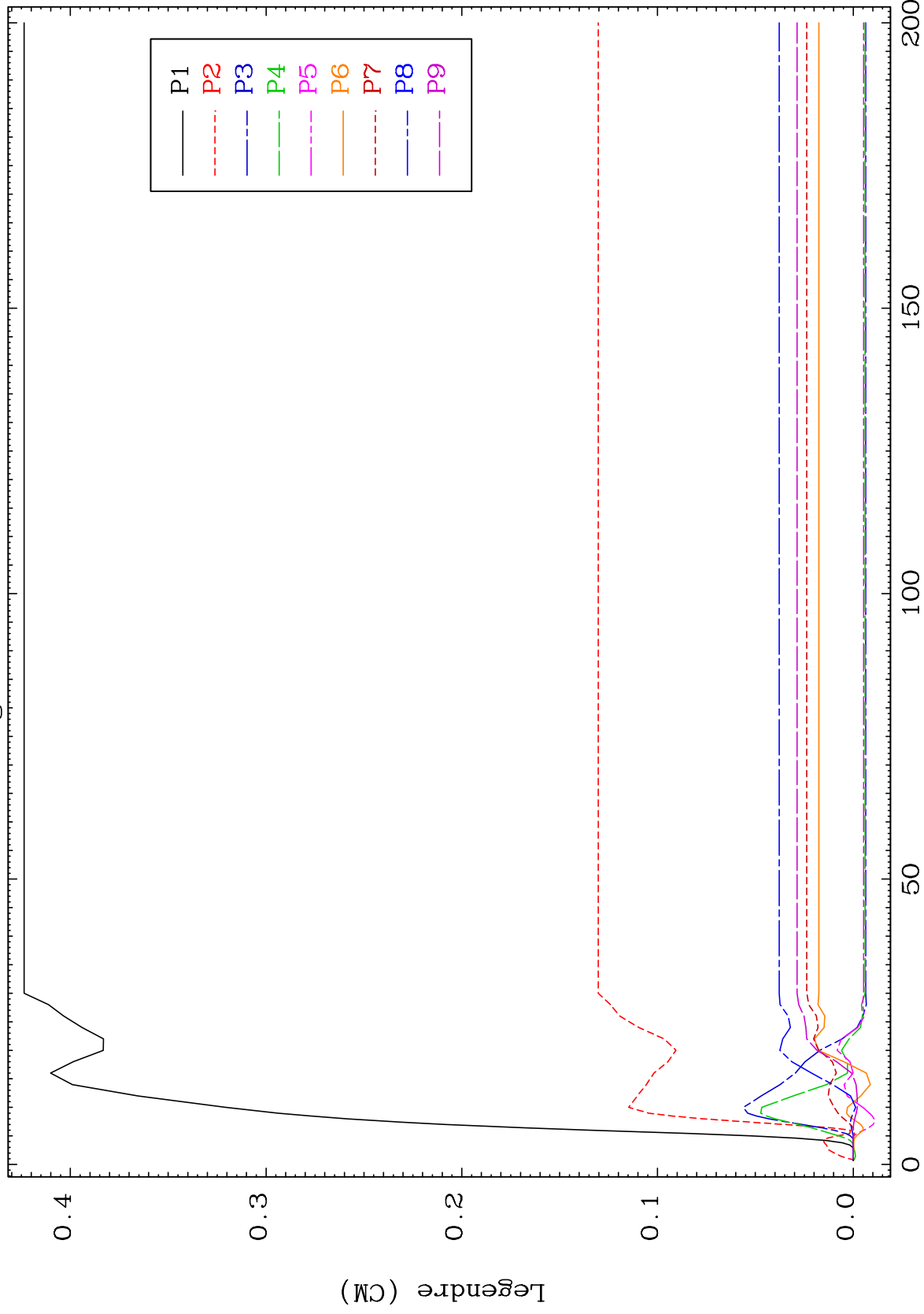
83

72-Hf-177

MAT 7234

652.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



84

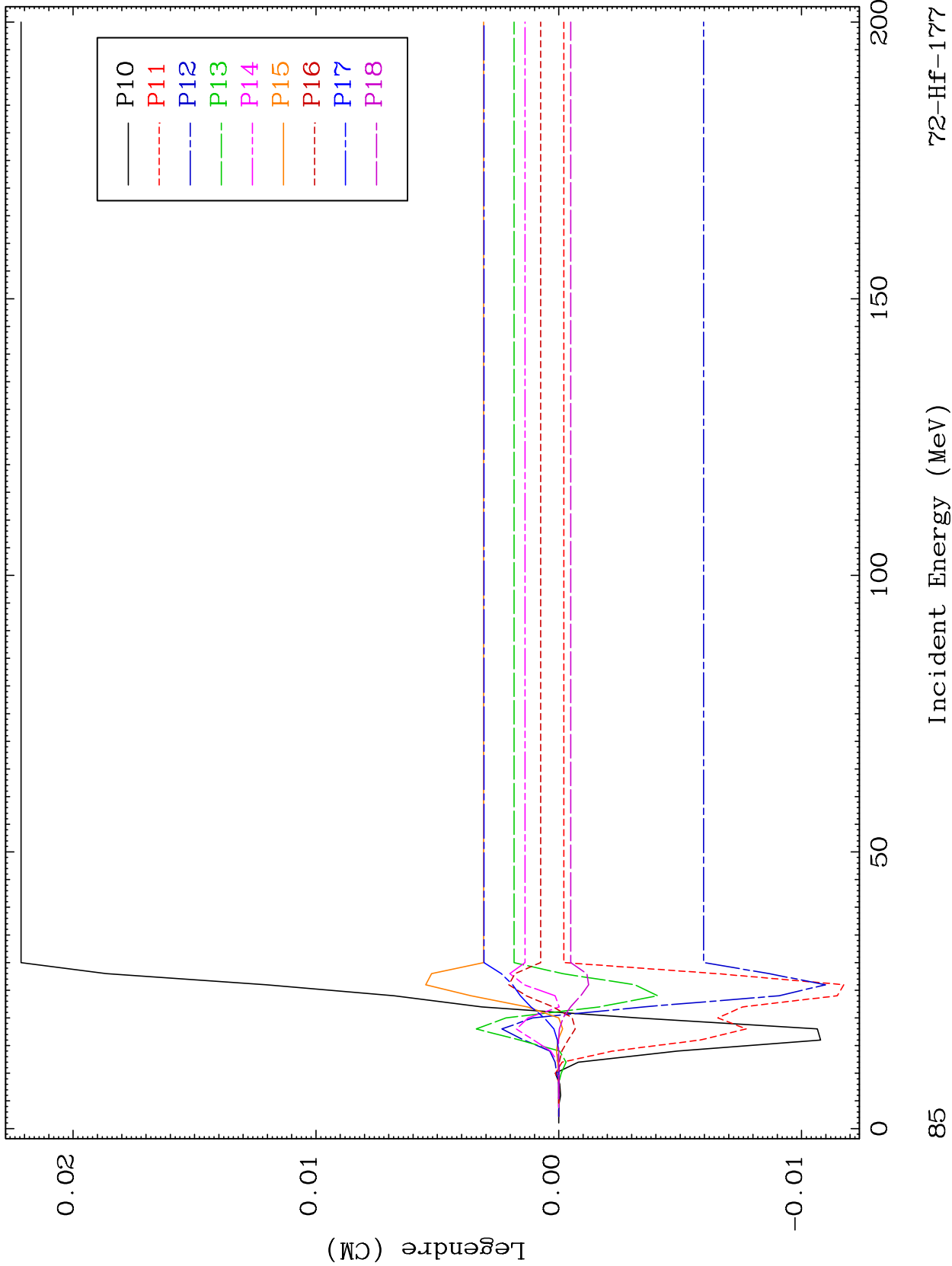
Incident Energy (MeV)

72-Hf-177

MAT 7234

652.0 keV (n,n') Level
Legendre Coefficients

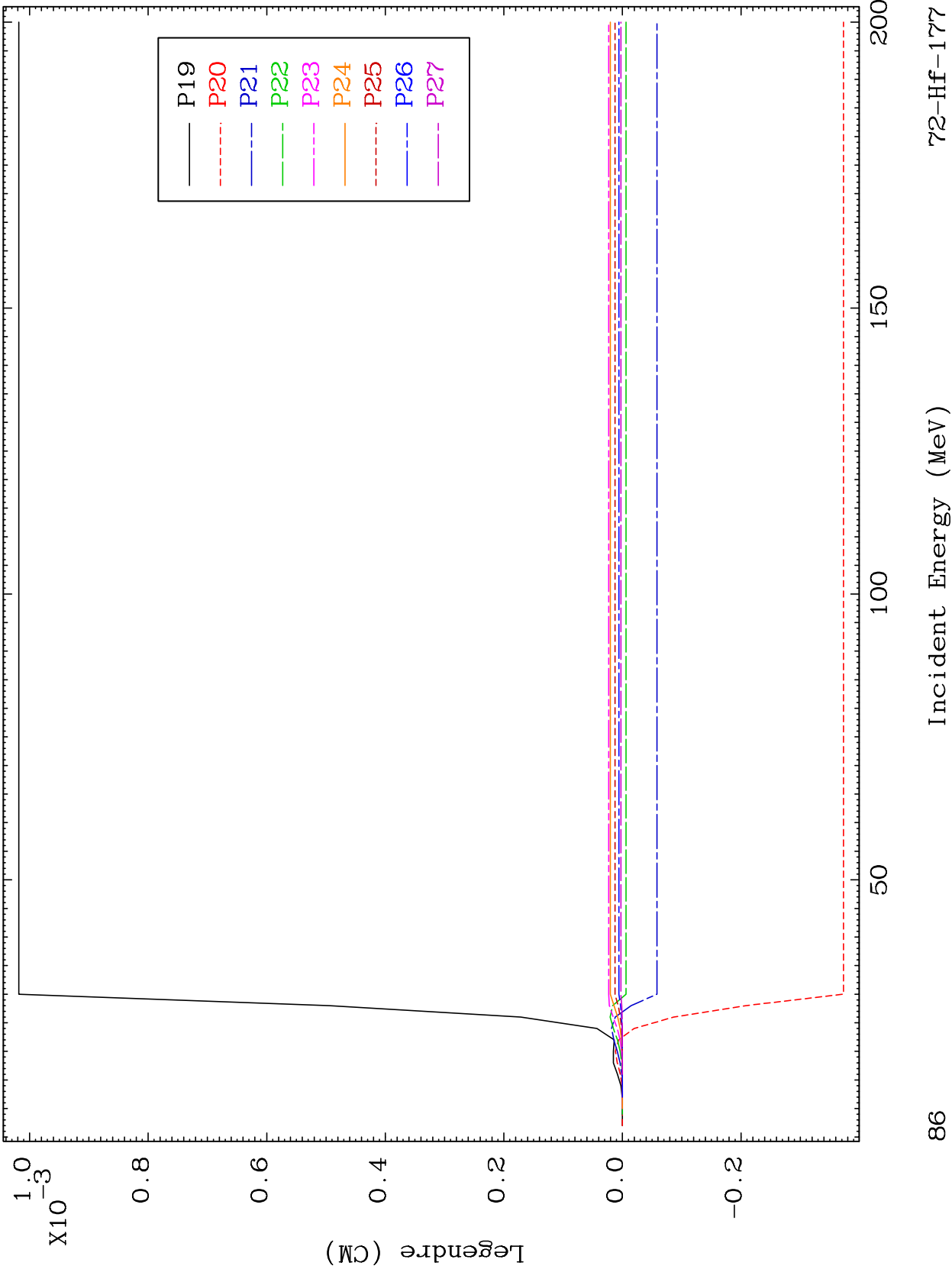
72-Hf-177



72-Hf-177

Incident Energy (MeV)

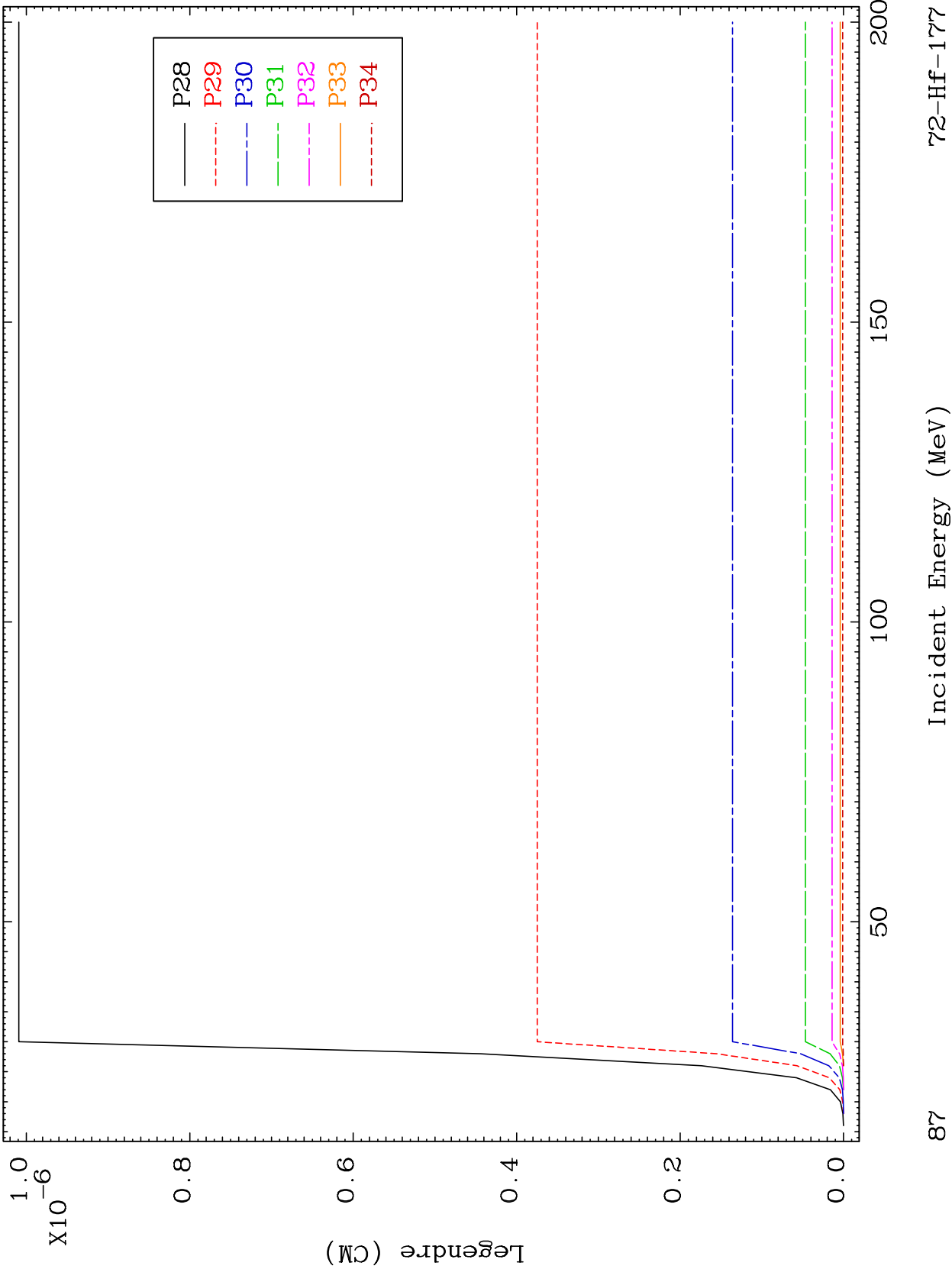
85



MAT 7234

652.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



87

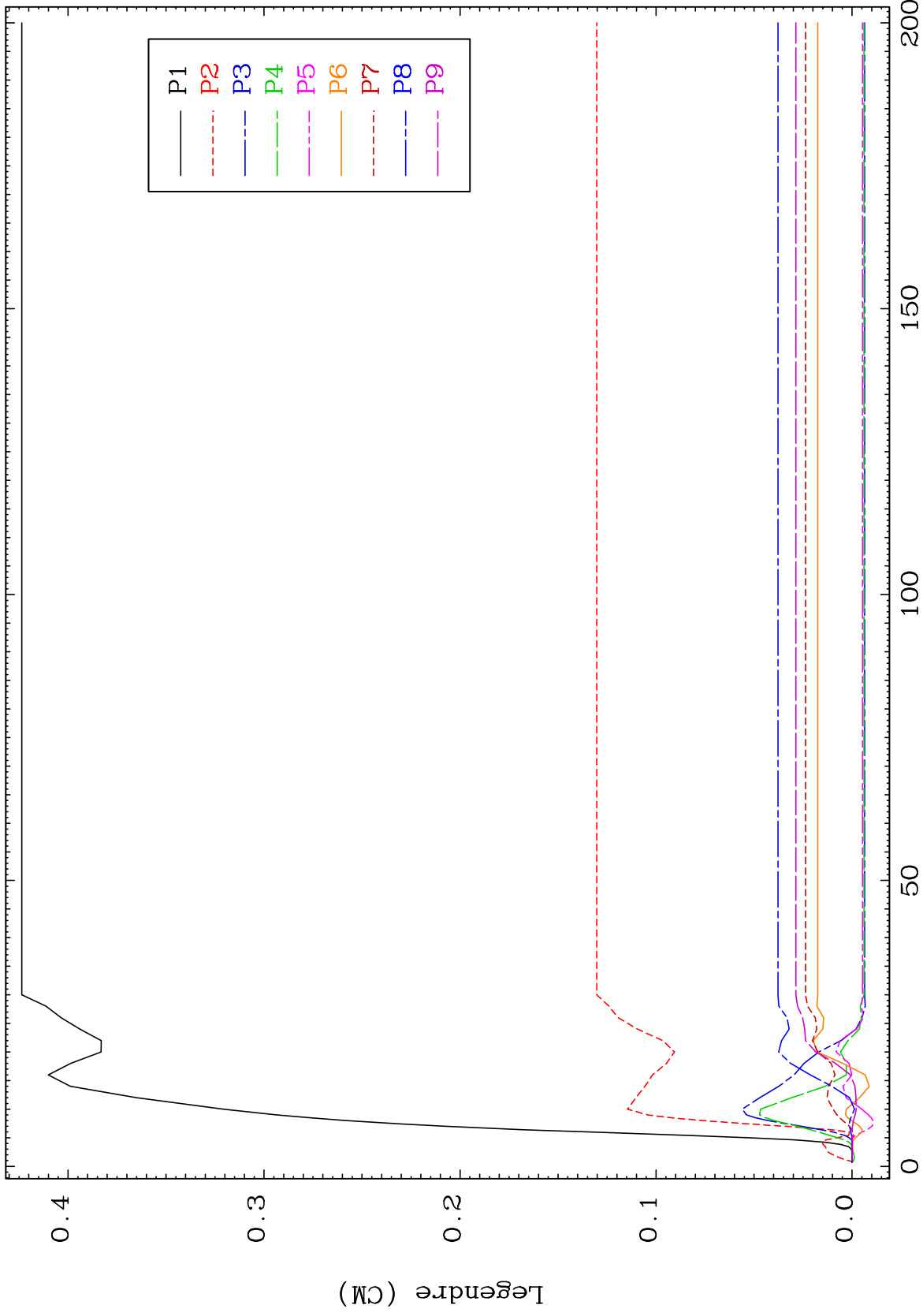
Incident Energy (MeV)

72-Hf-177

MAT 7234

665.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



88

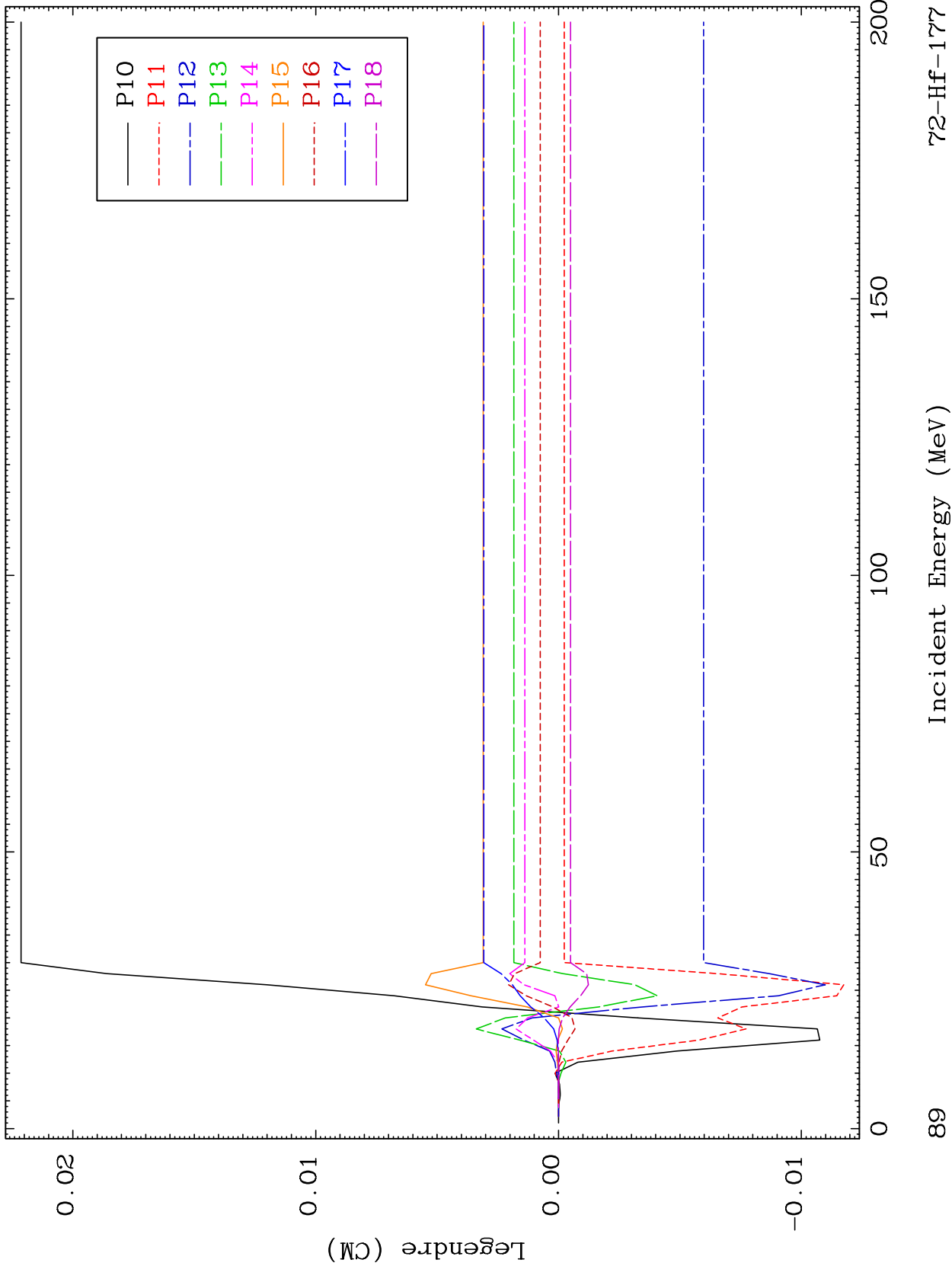
Incident Energy (MeV)

72-Hf-177

MAT 7234

665.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177



89

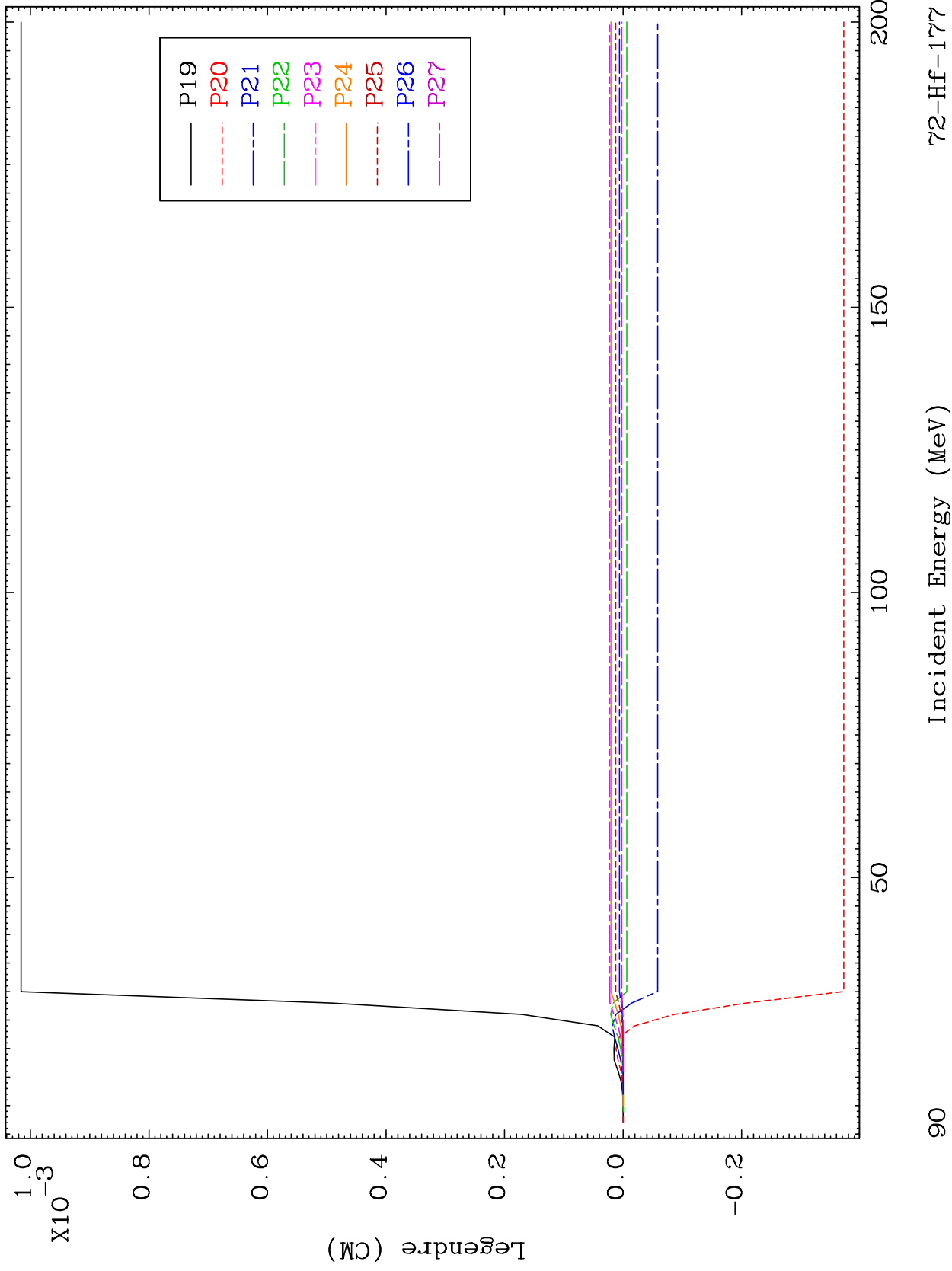
Incident Energy (MeV)

72-Hf-177

MAT 7234

665.0 keV (n,n') Level
Legendre Coefficients

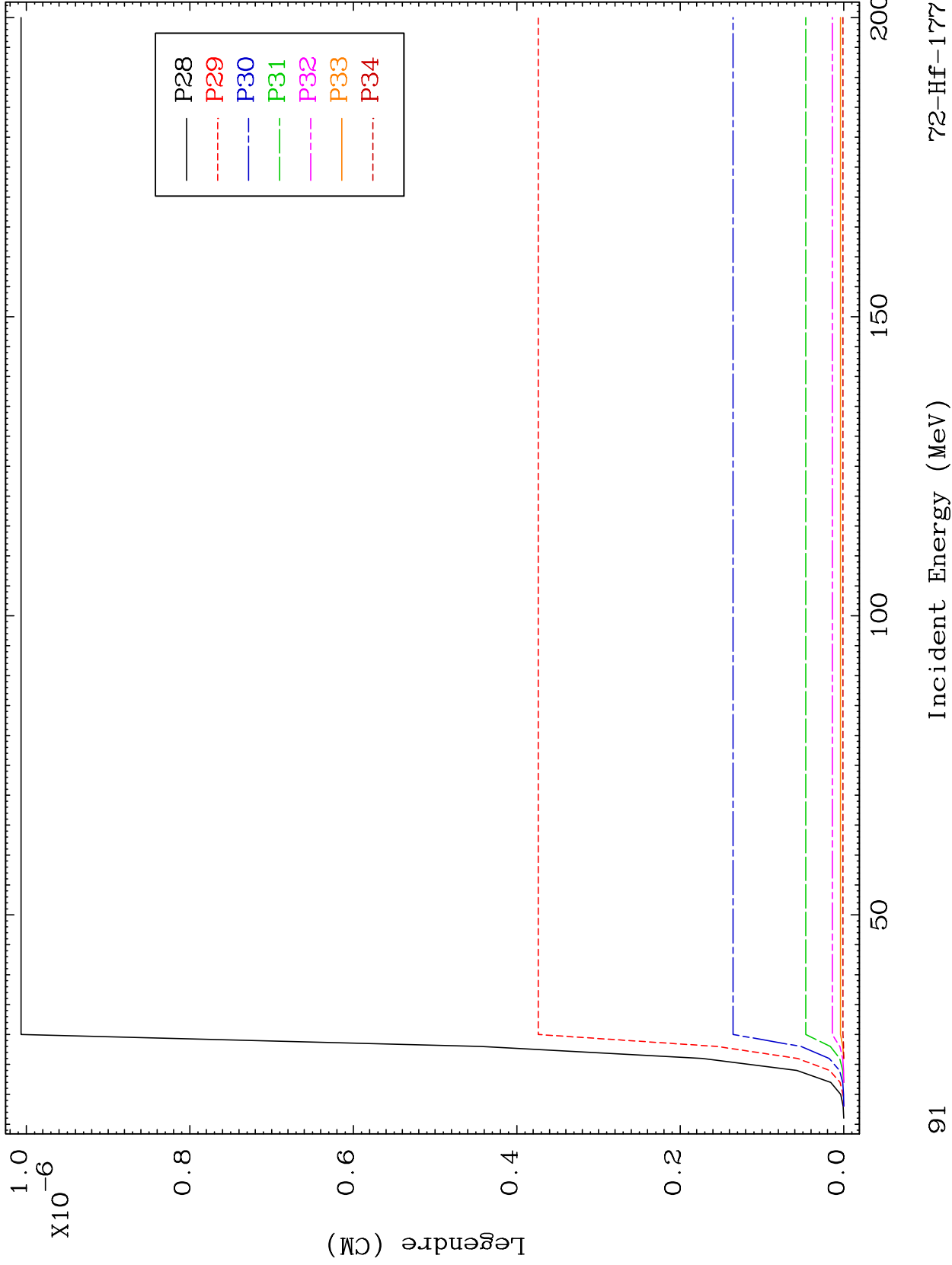
72-Hf-177



90

Incident Energy (MeV)

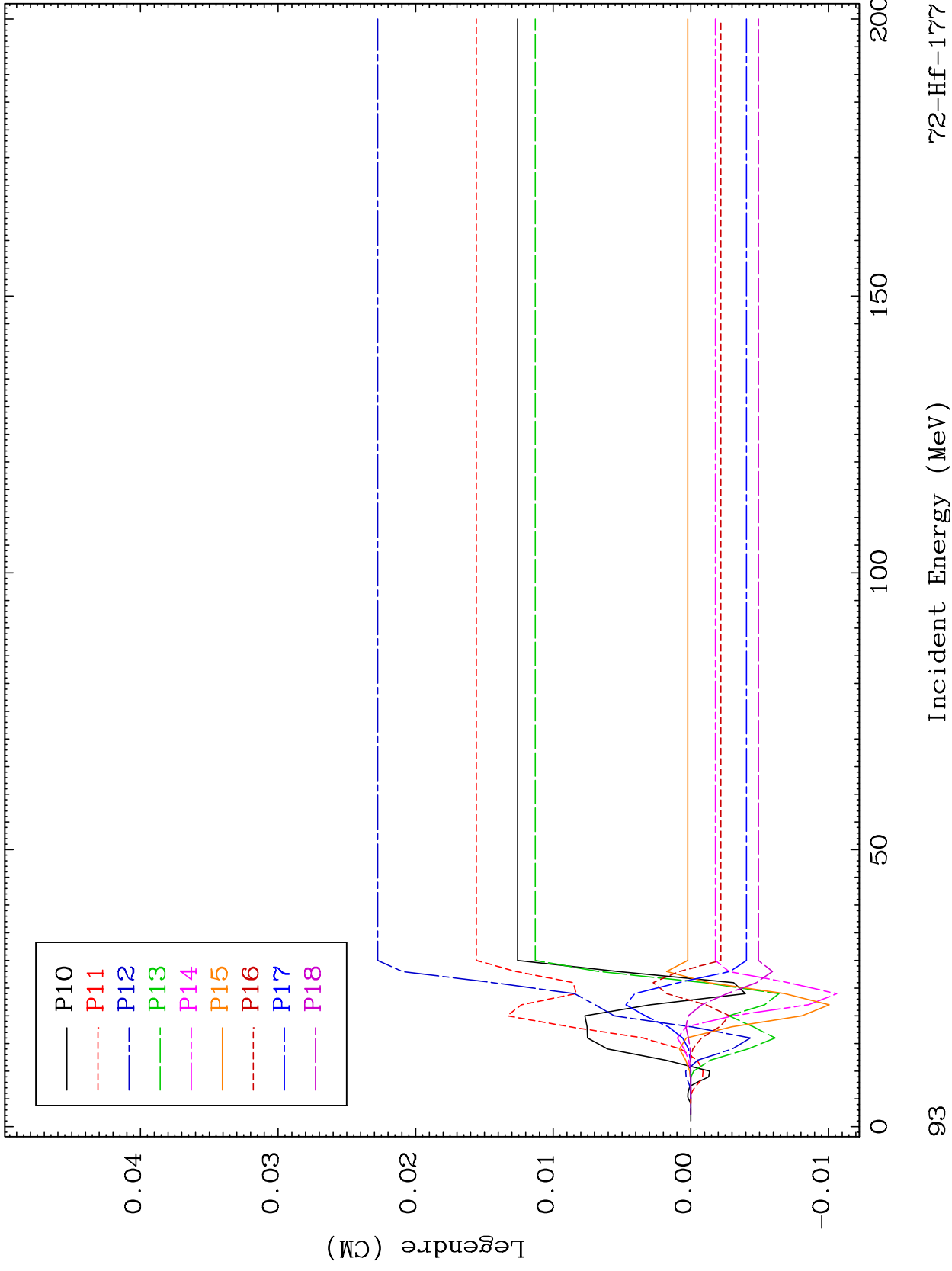
72-Hf-177



MAT 7234

703.0 keV (n,n') Level
Legendre Coefficients

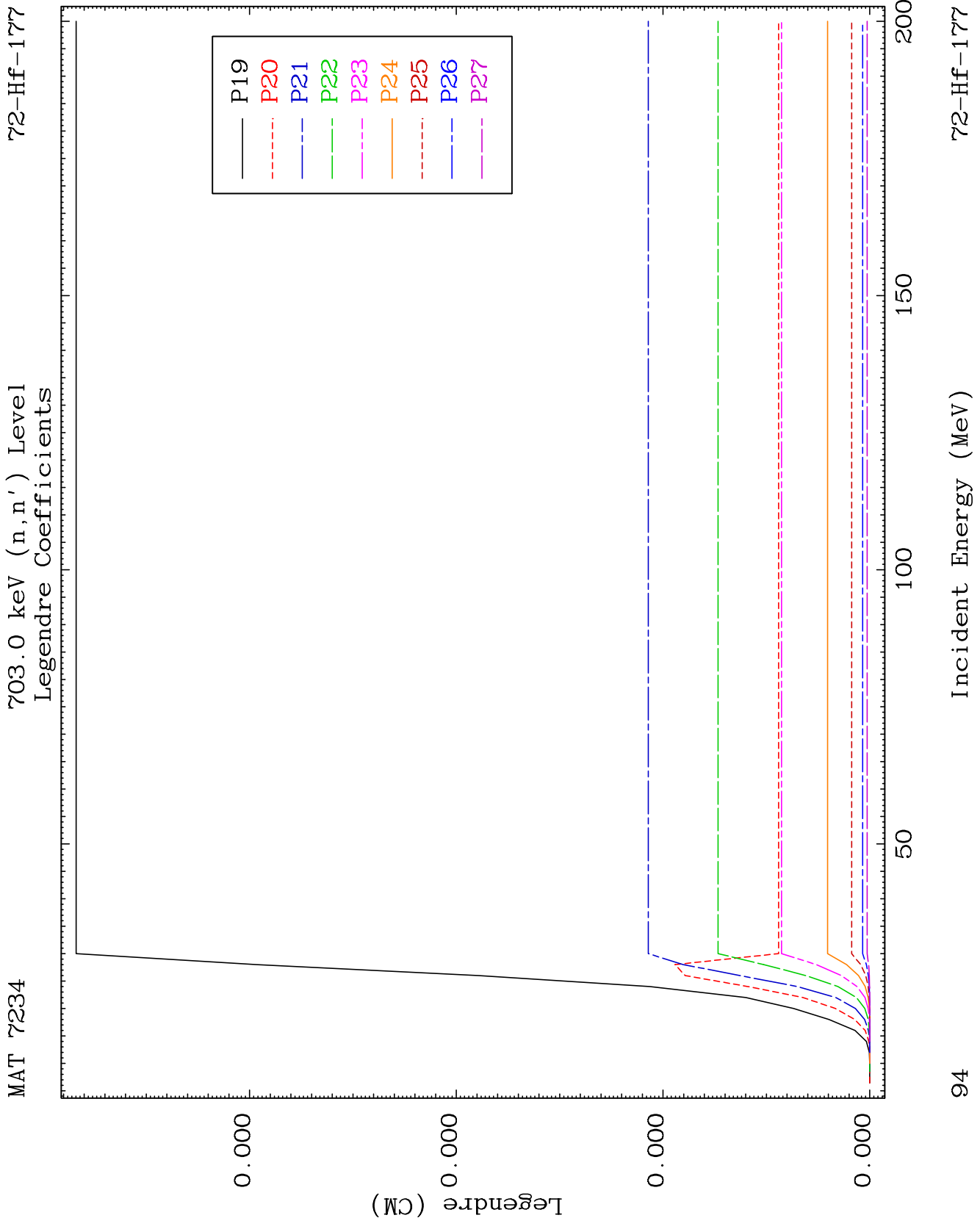
72-Hf-177



93

Incident Energy (MeV)

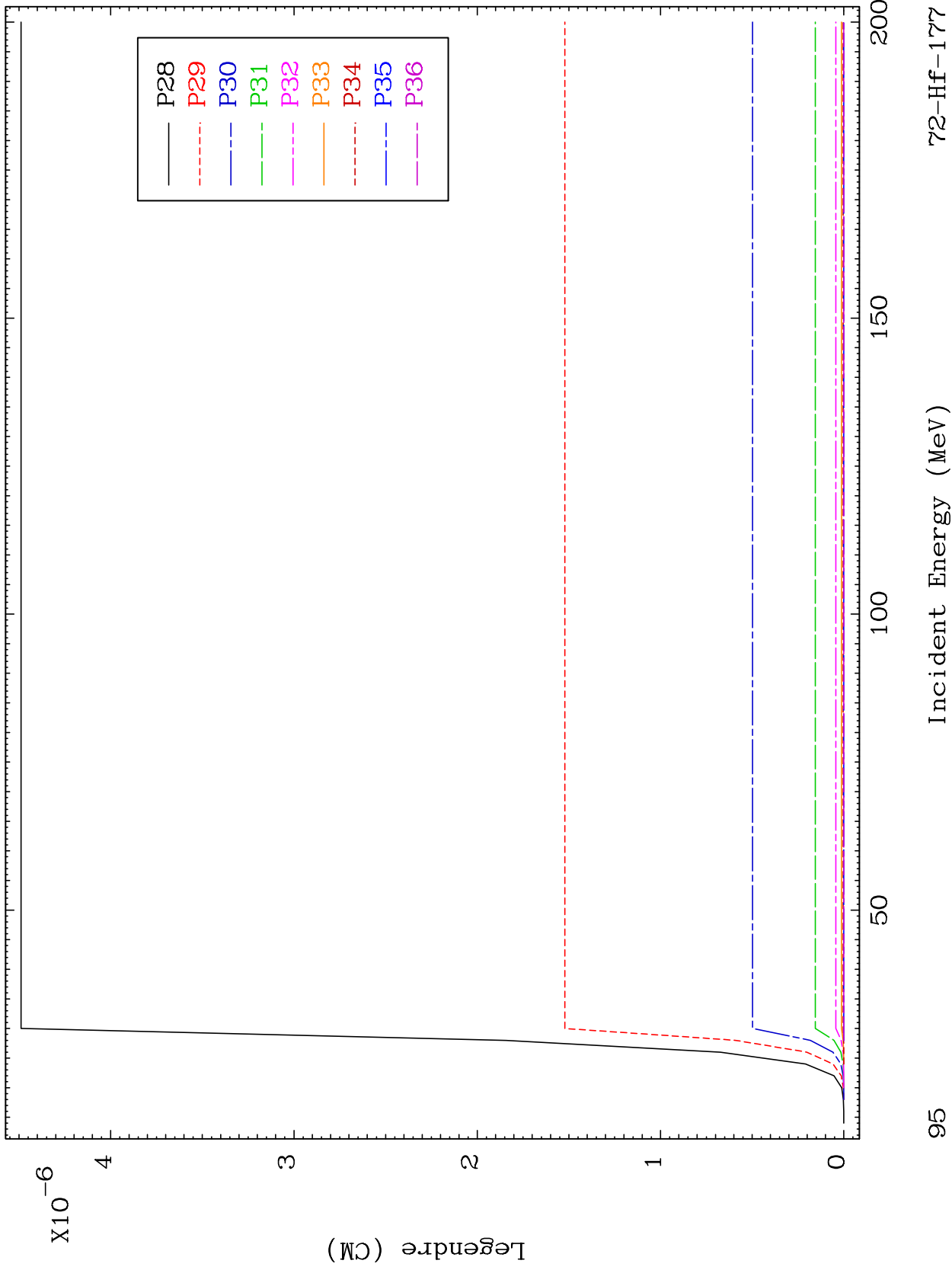
72-Hf-177



MAT 7234

703.0 keV (n,n') Level
Legendre Coefficients

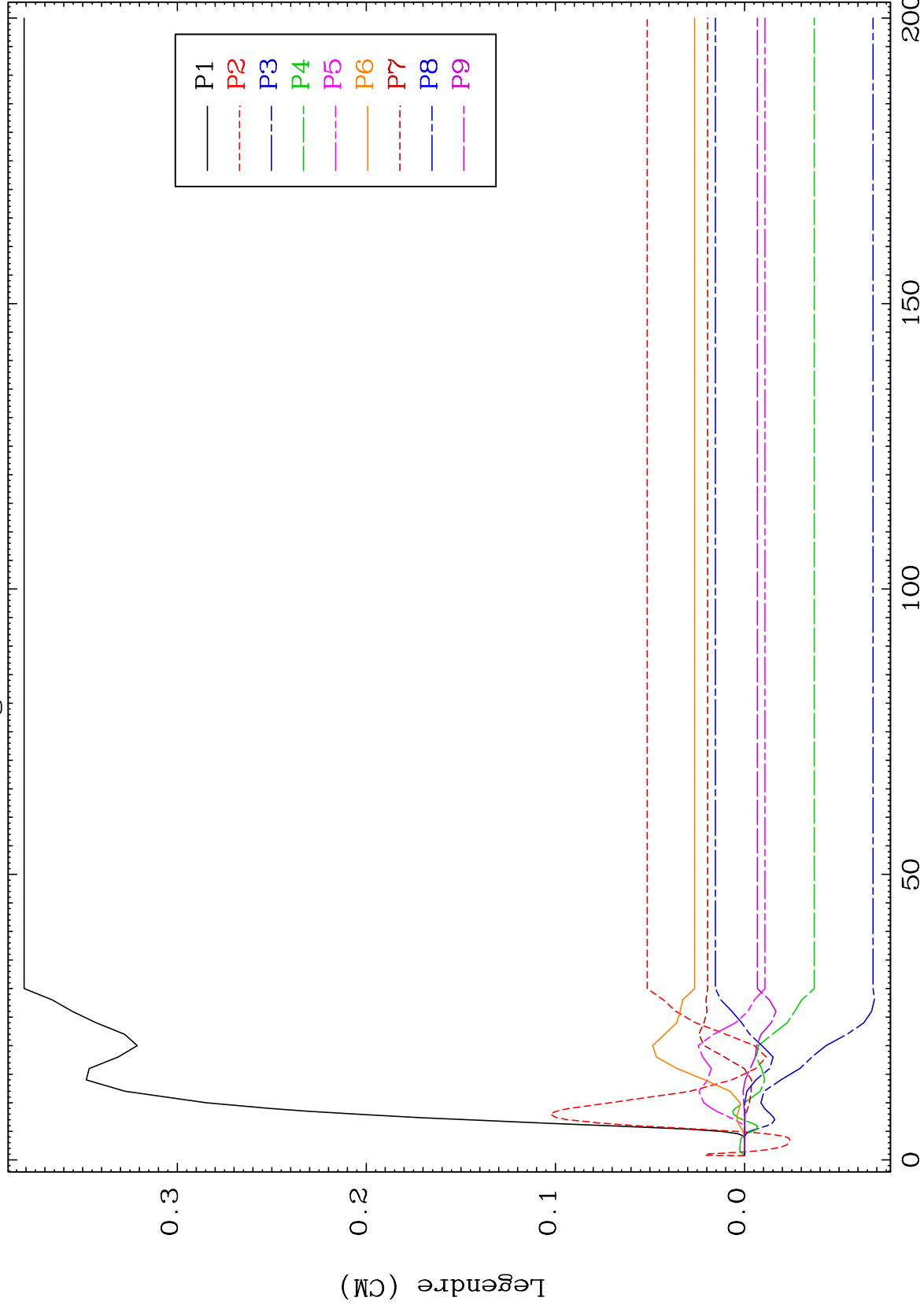
72-Hf-177



MAT 7234

708.5 keV (n,n') Level
Legendre Coefficients

72-Hf-177



96

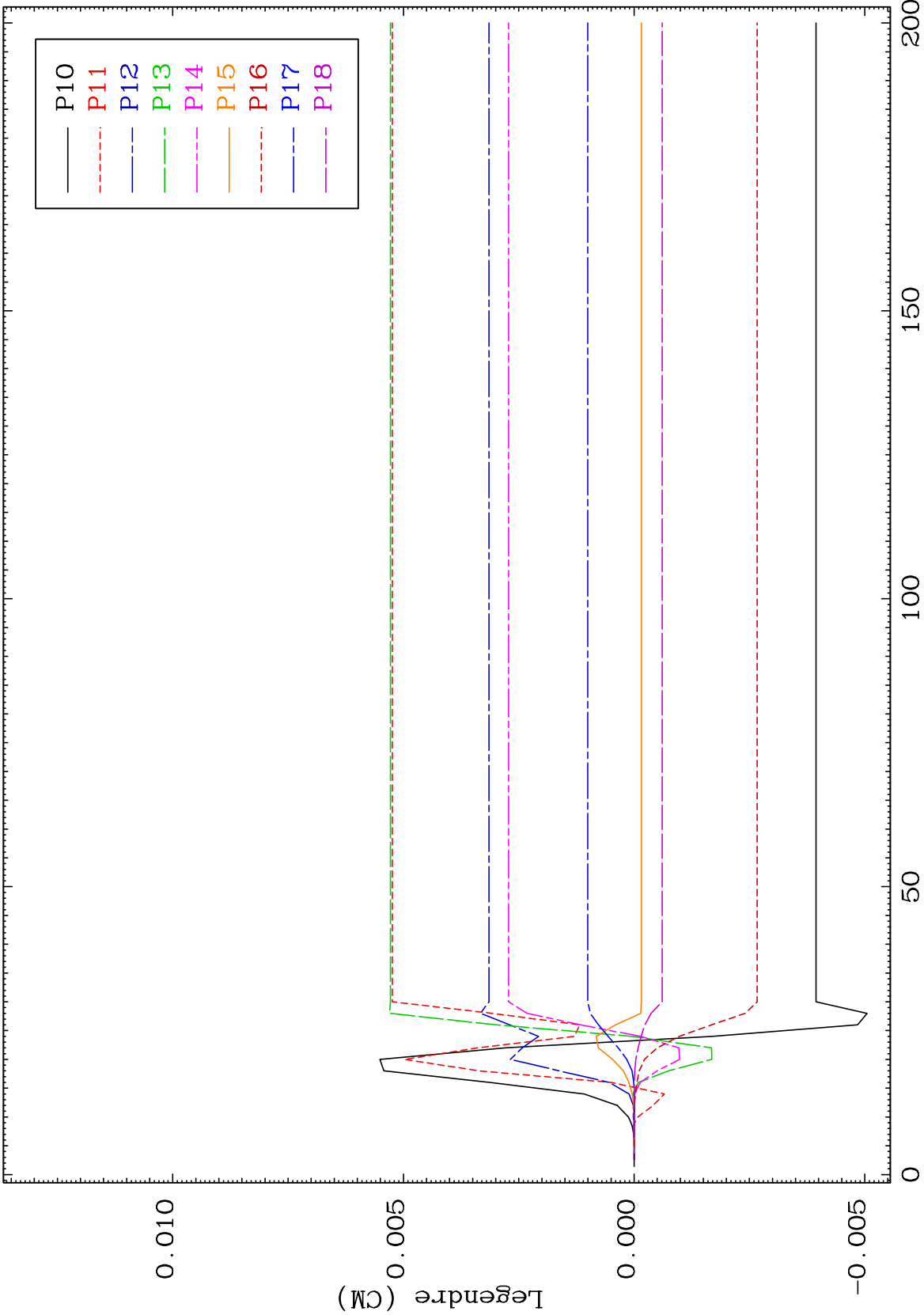
Incident Energy (MeV)

72-Hf-177

MAT 7234

708.5 keV (n,n') Level
Legendre Coefficients

72-Hf-177



97

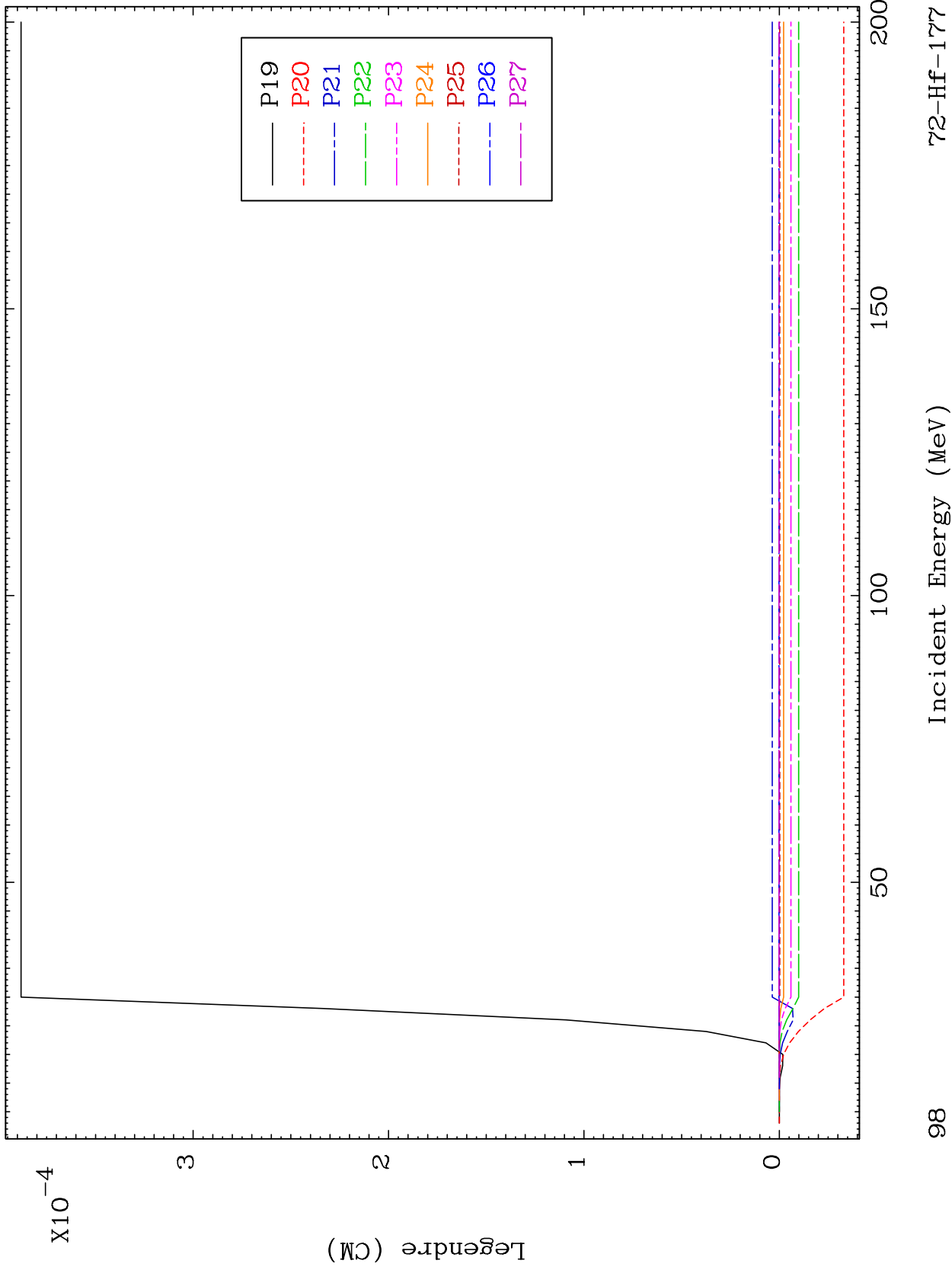
Incident Energy (MeV)

72-Hf-177

MAT 7234

708.5 keV (n,n') Level
Legendre Coefficients

72-Hf-177

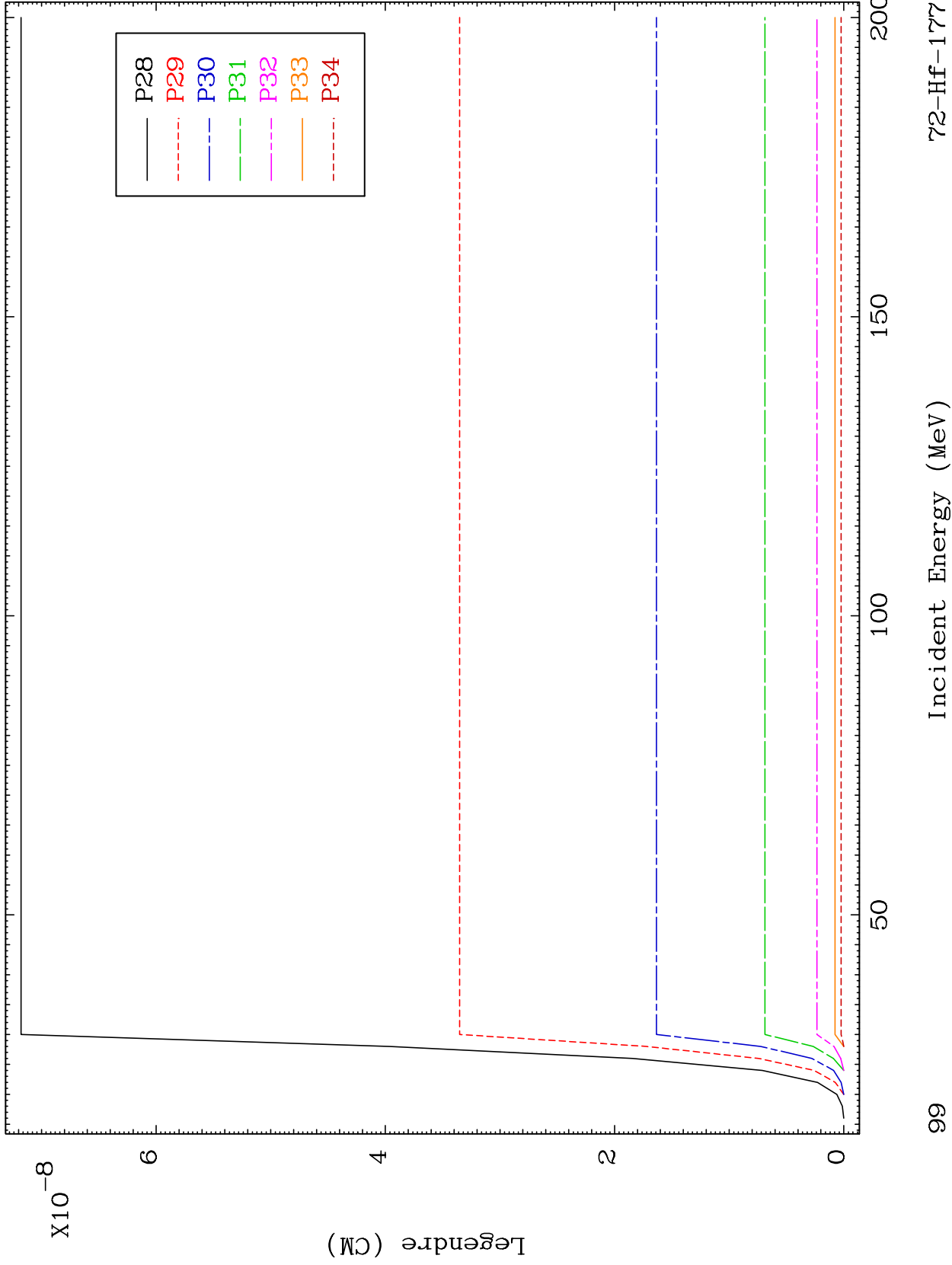


98

MAT 7234

708.5 keV (n,n') Level
Legendre Coefficients

72-Hf-177

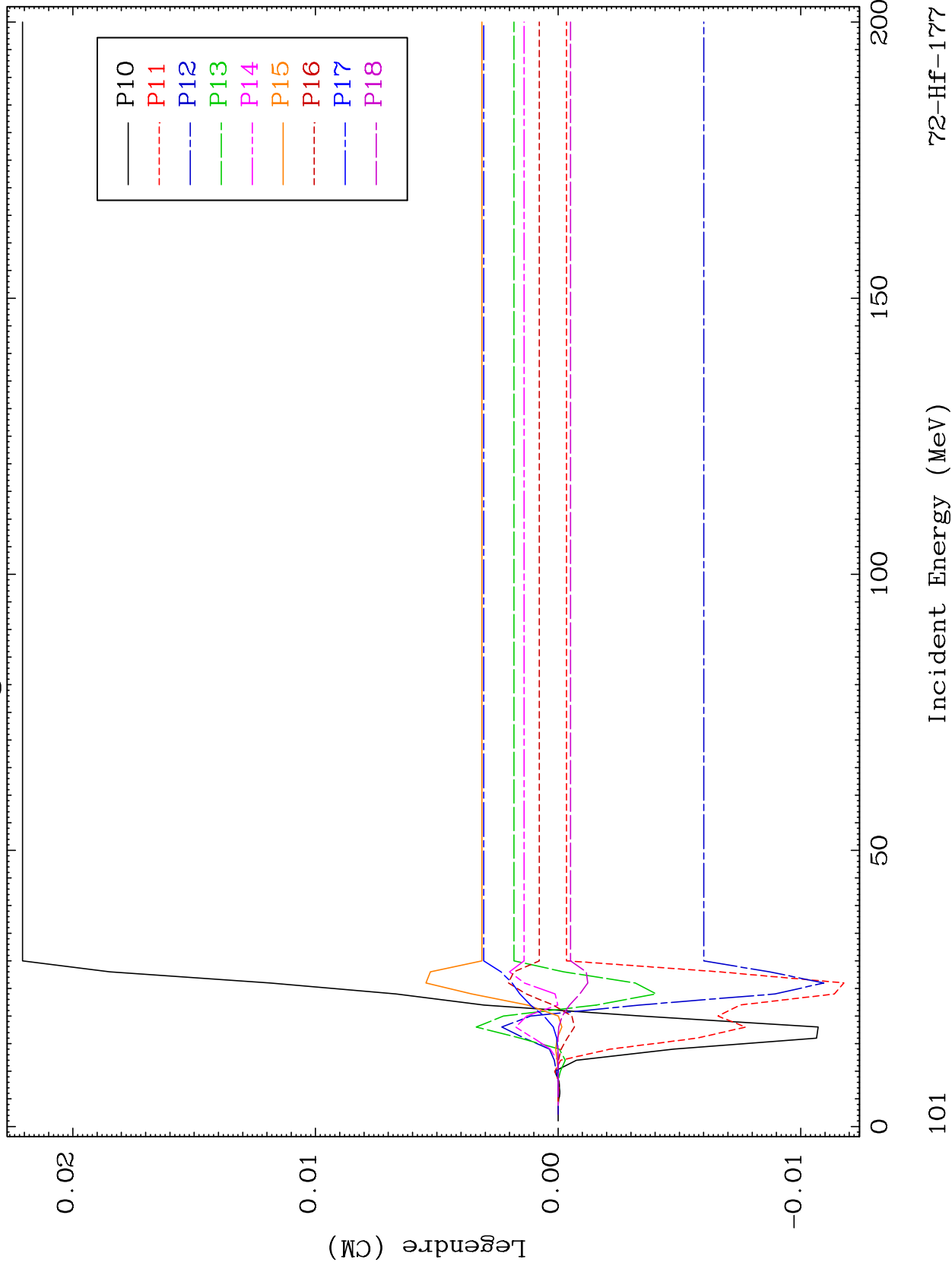


99

MAT 7234

726.9 keV (n,n') Level
Legendre Coefficients

72-Hf-177



72-Hf-177

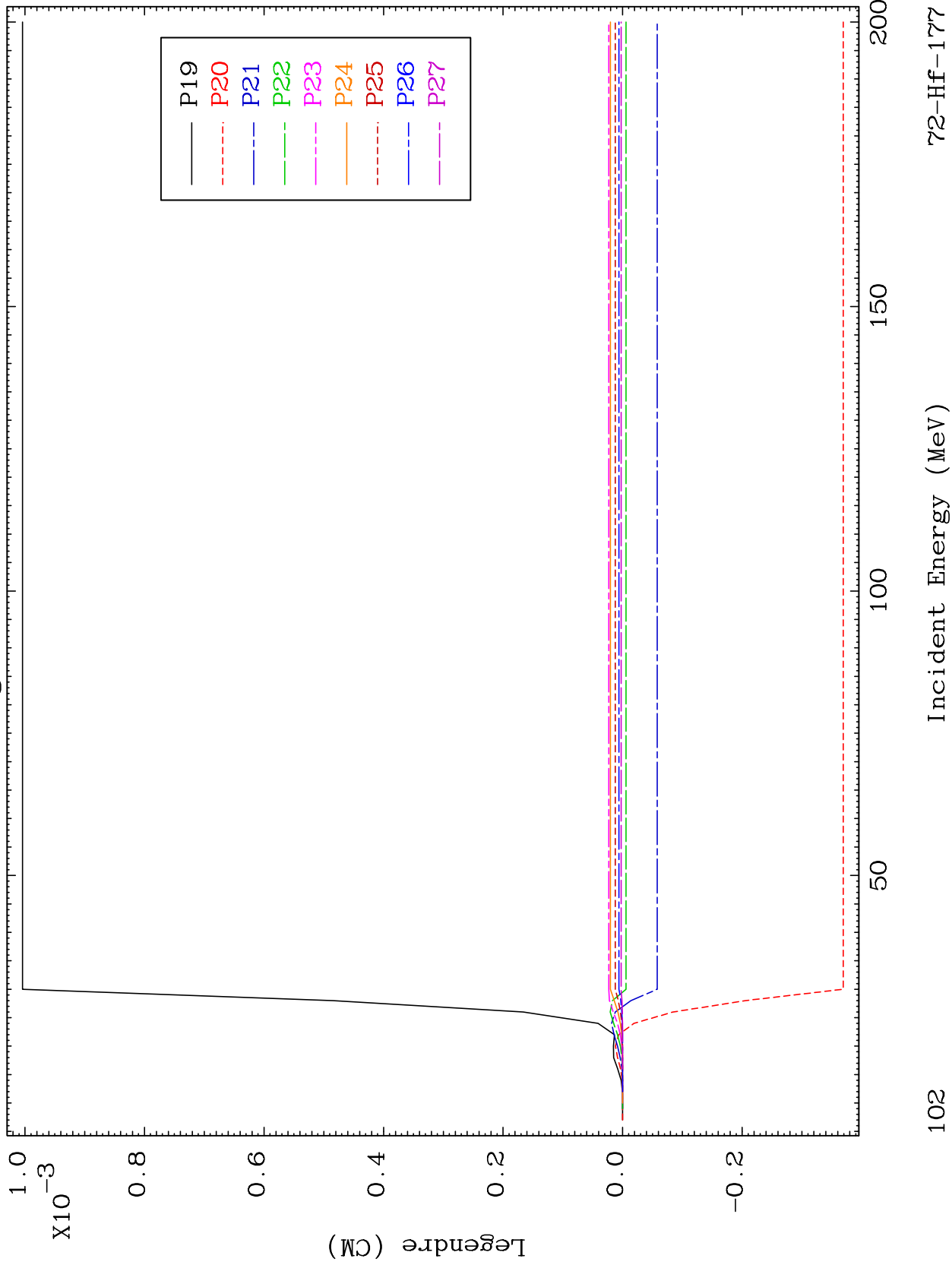
Incident Energy (MeV)

101

MAT 7234

726.9 keV (n,n') Level
Legendre Coefficients

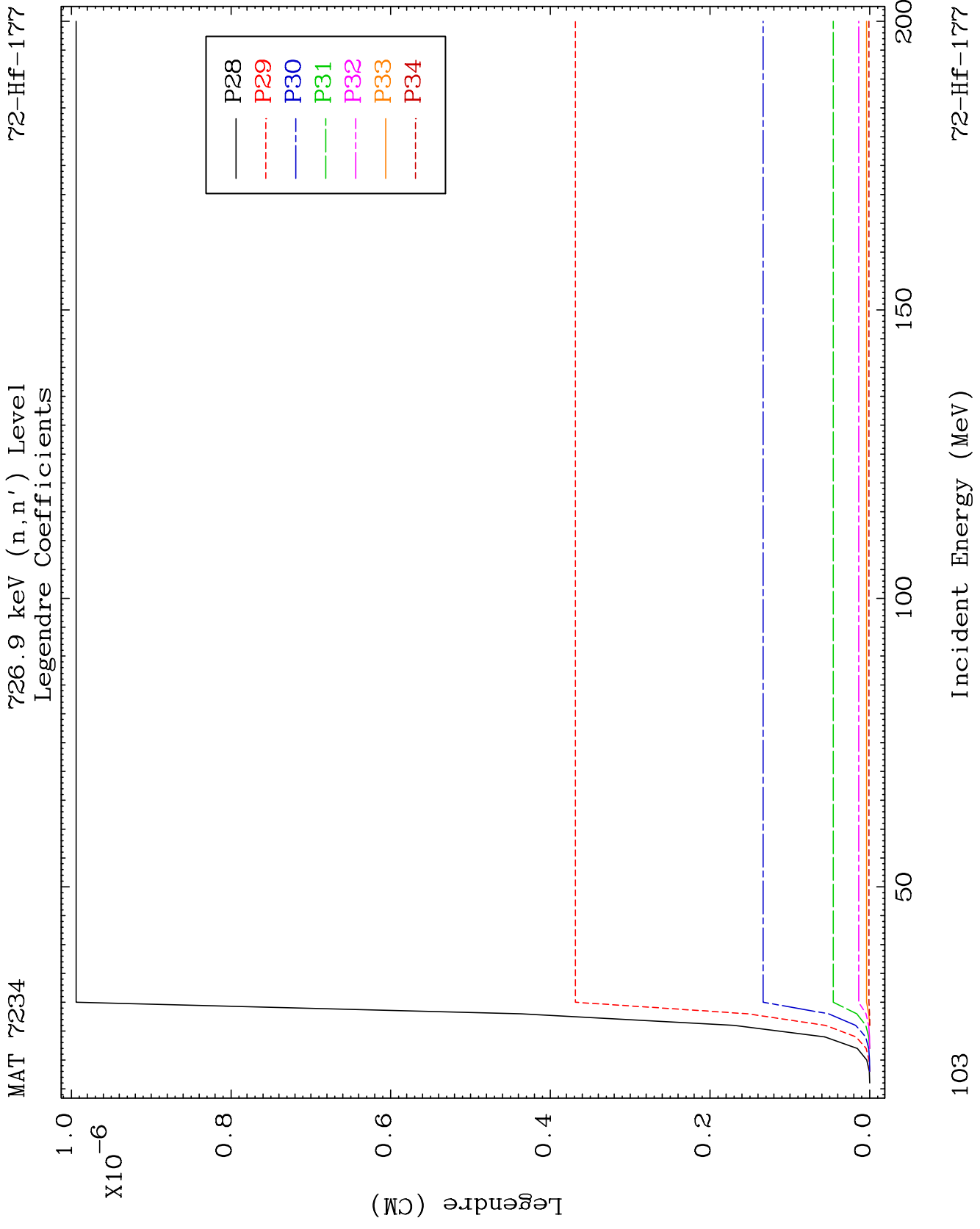
72-Hf-177

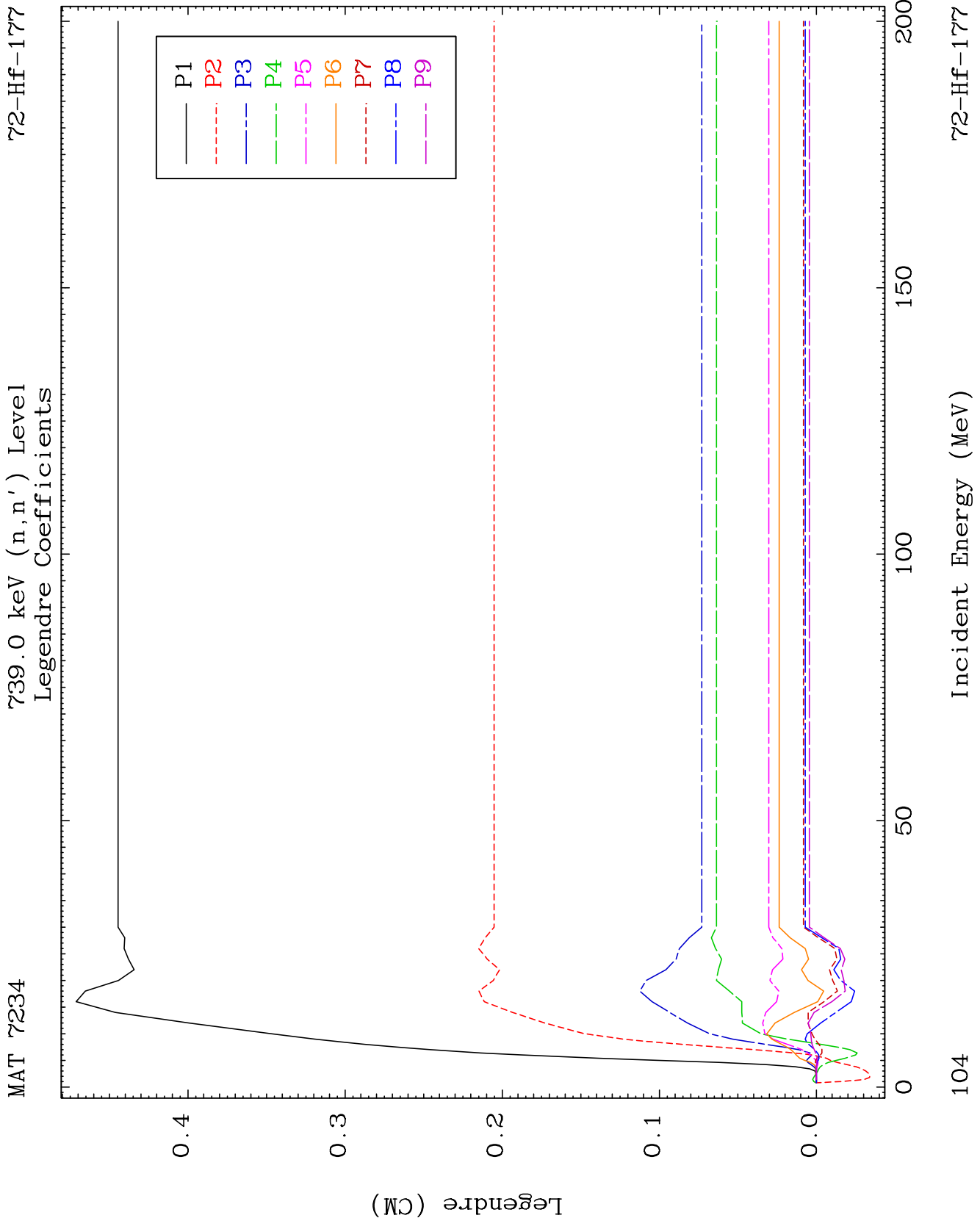


102

Incident Energy (MeV)

72-Hf-177

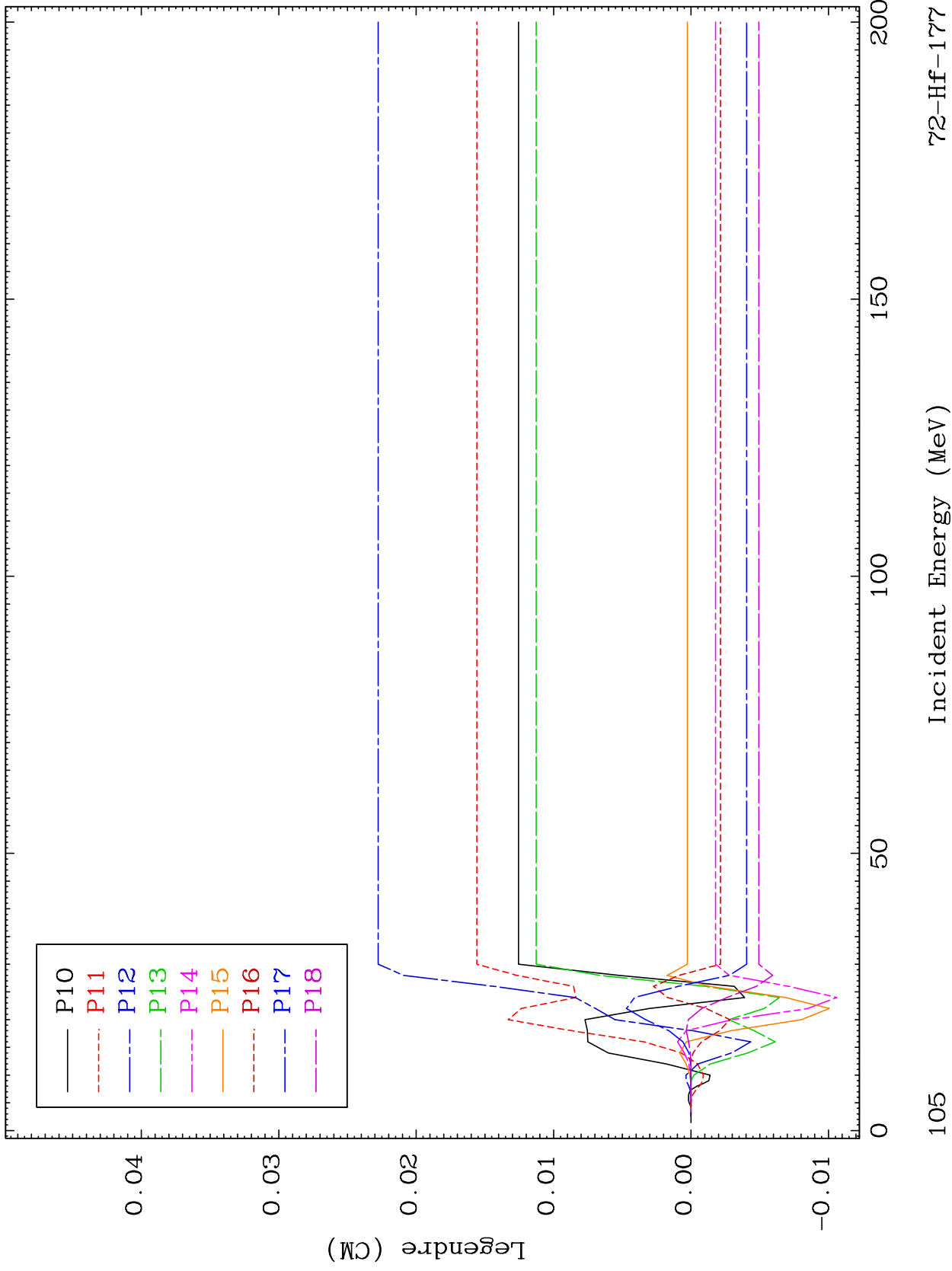




MAT 7234

739.0 keV (n,n') Level
Legendre Coefficients

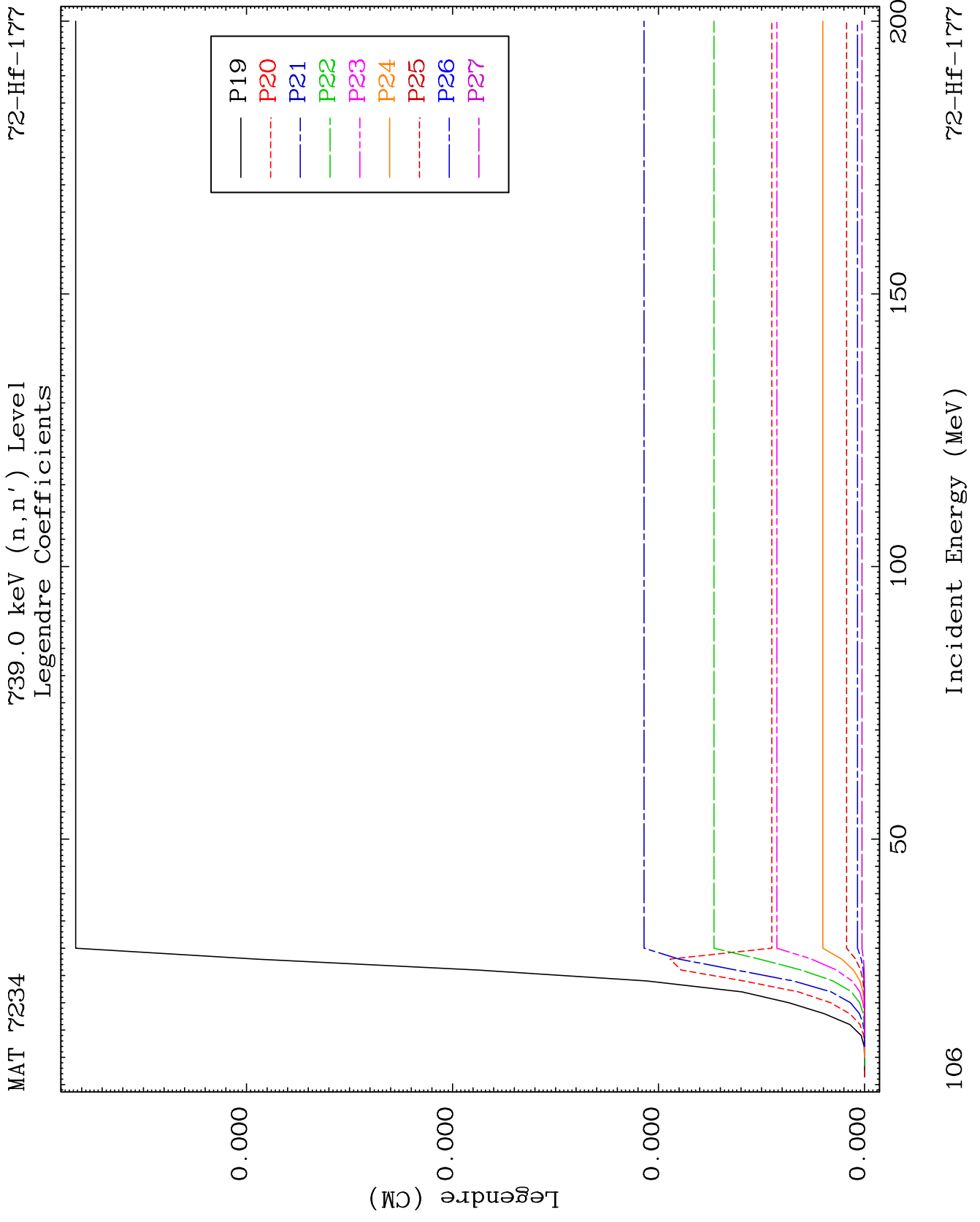
72-Hf-177

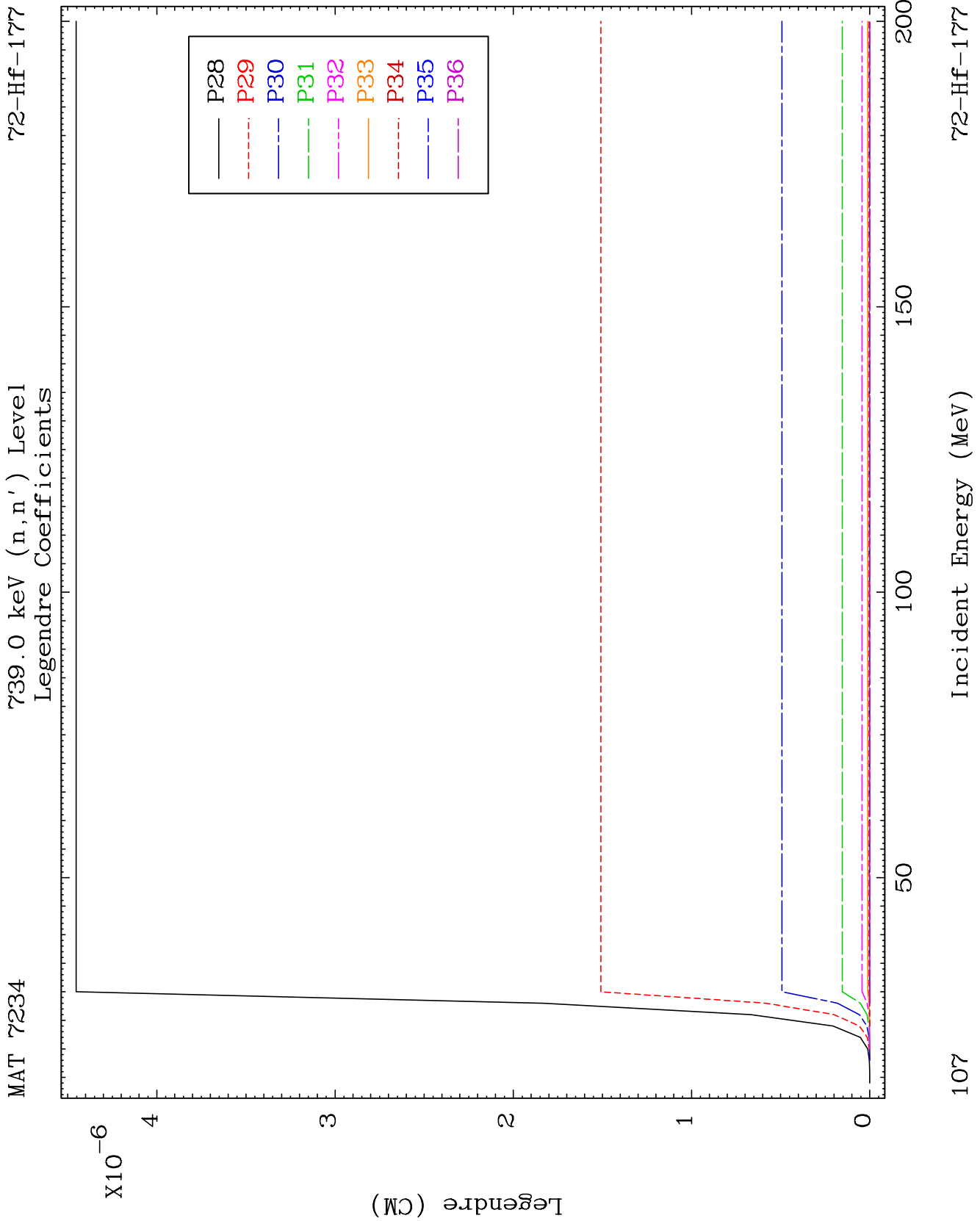


72-Hf-177

Incident Energy (MeV)

105

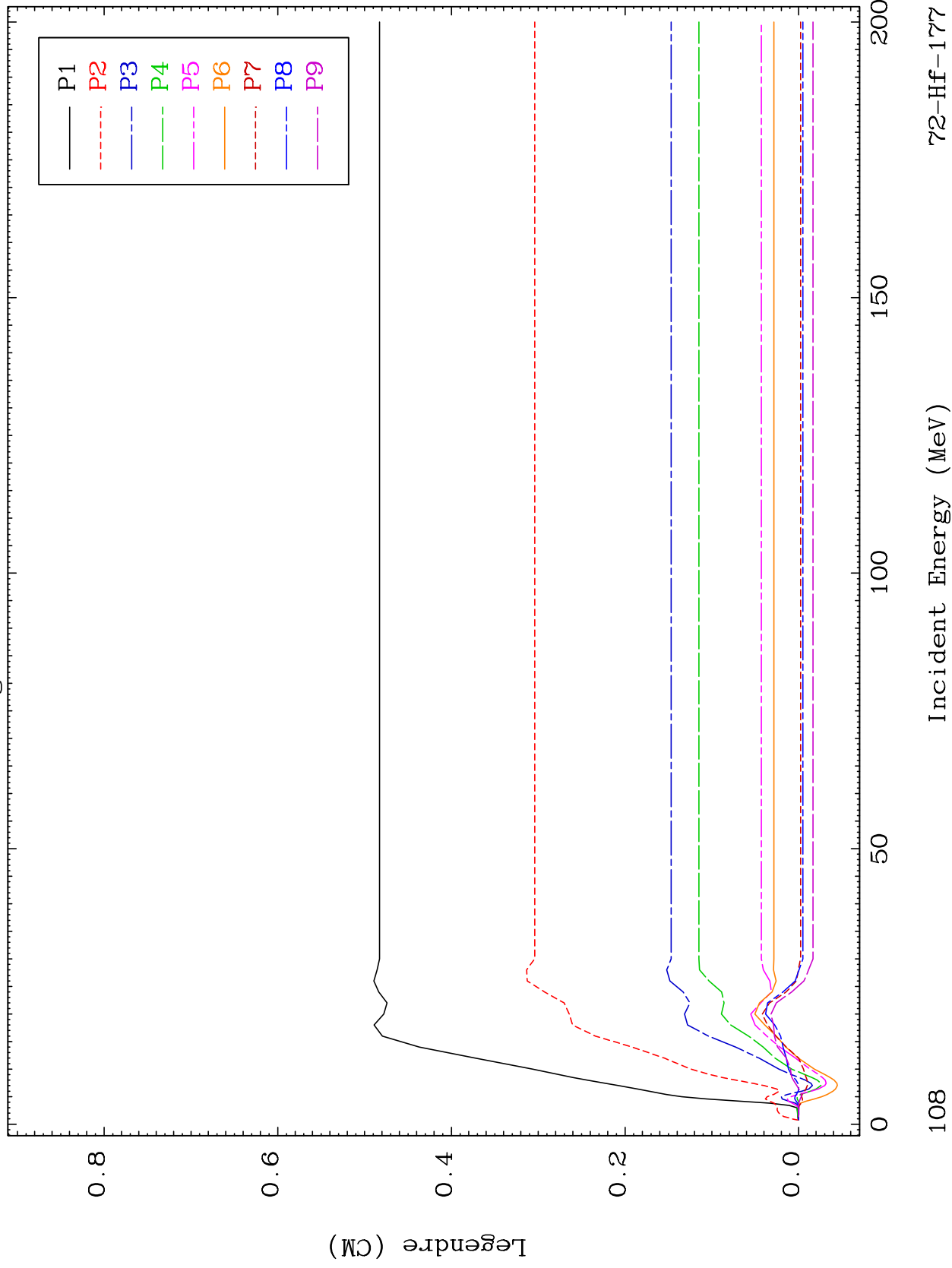


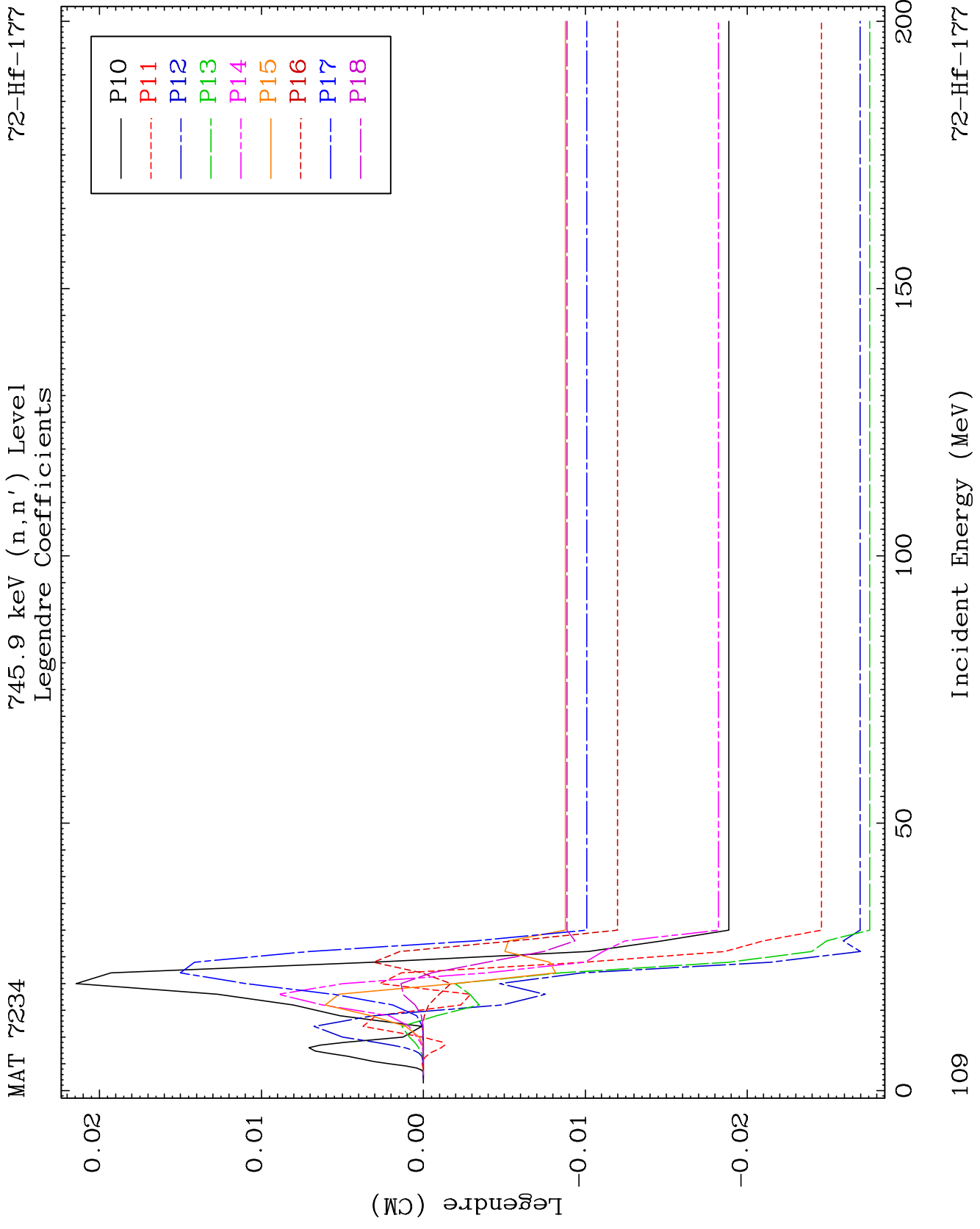


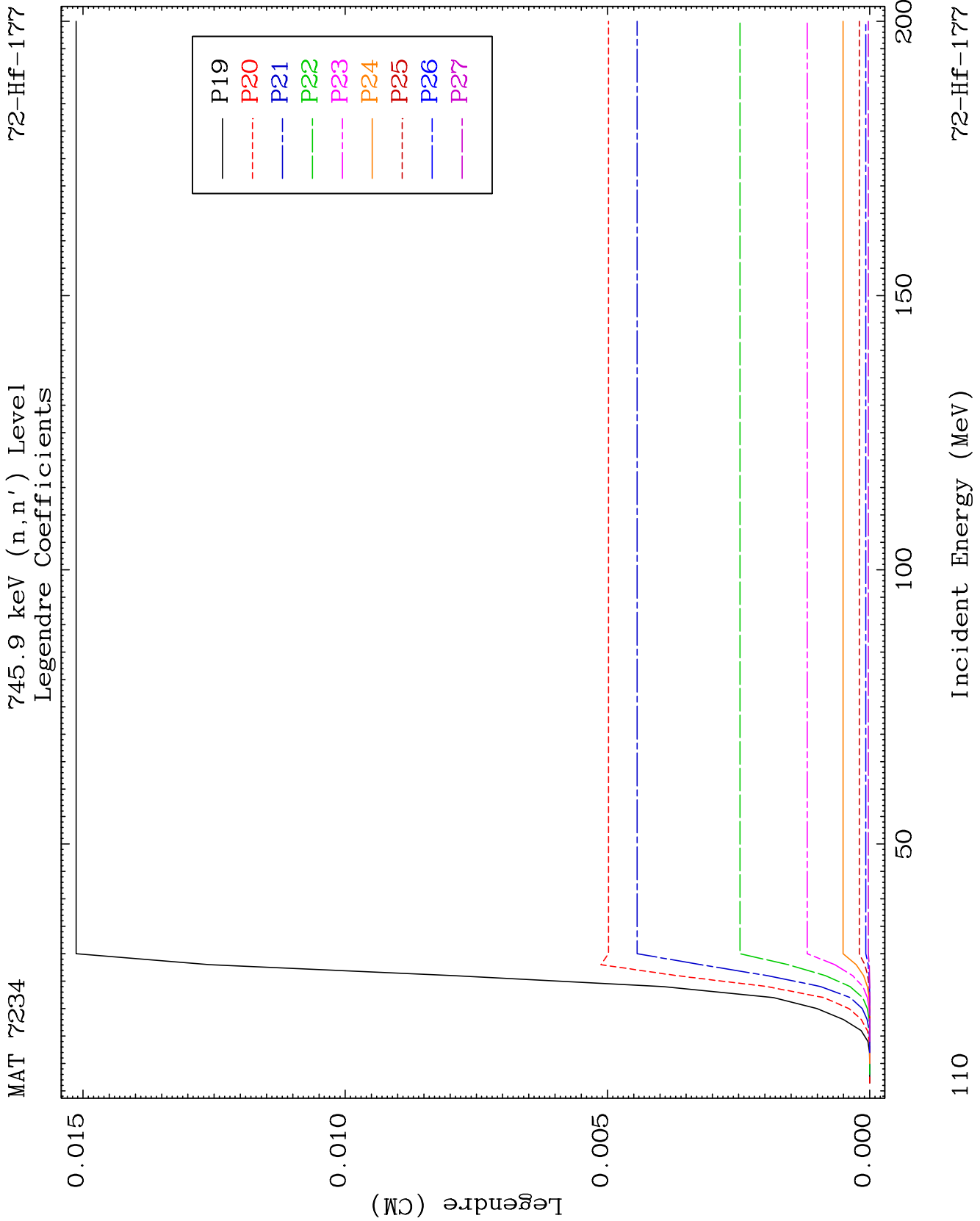
MAT 7234

745.9 keV (n,n') Level
Legendre Coefficients

72-Hf-177



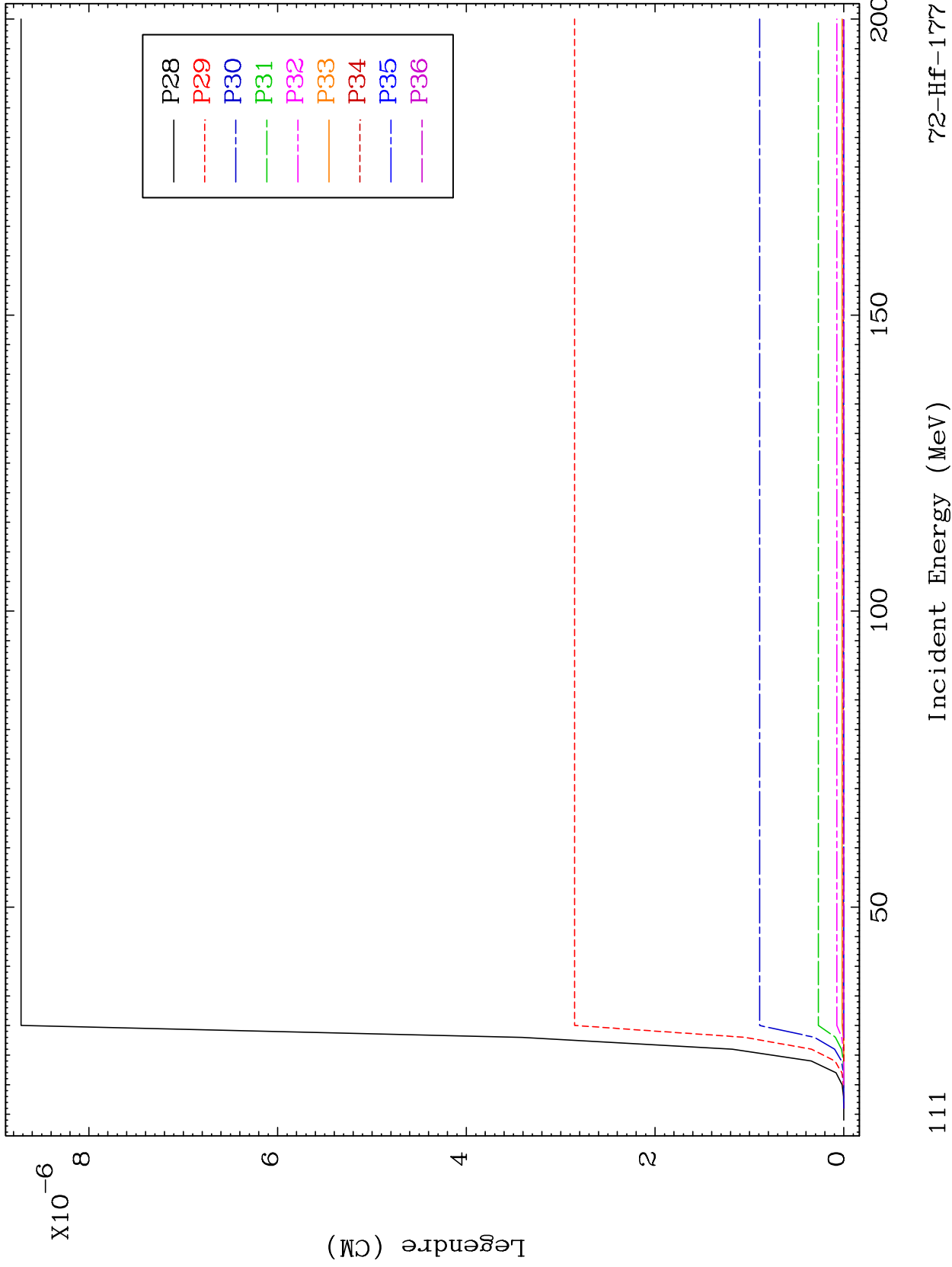




MAT 7234

745.9 keV (n,n') Level
Legendre Coefficients

72-Hf-177



111

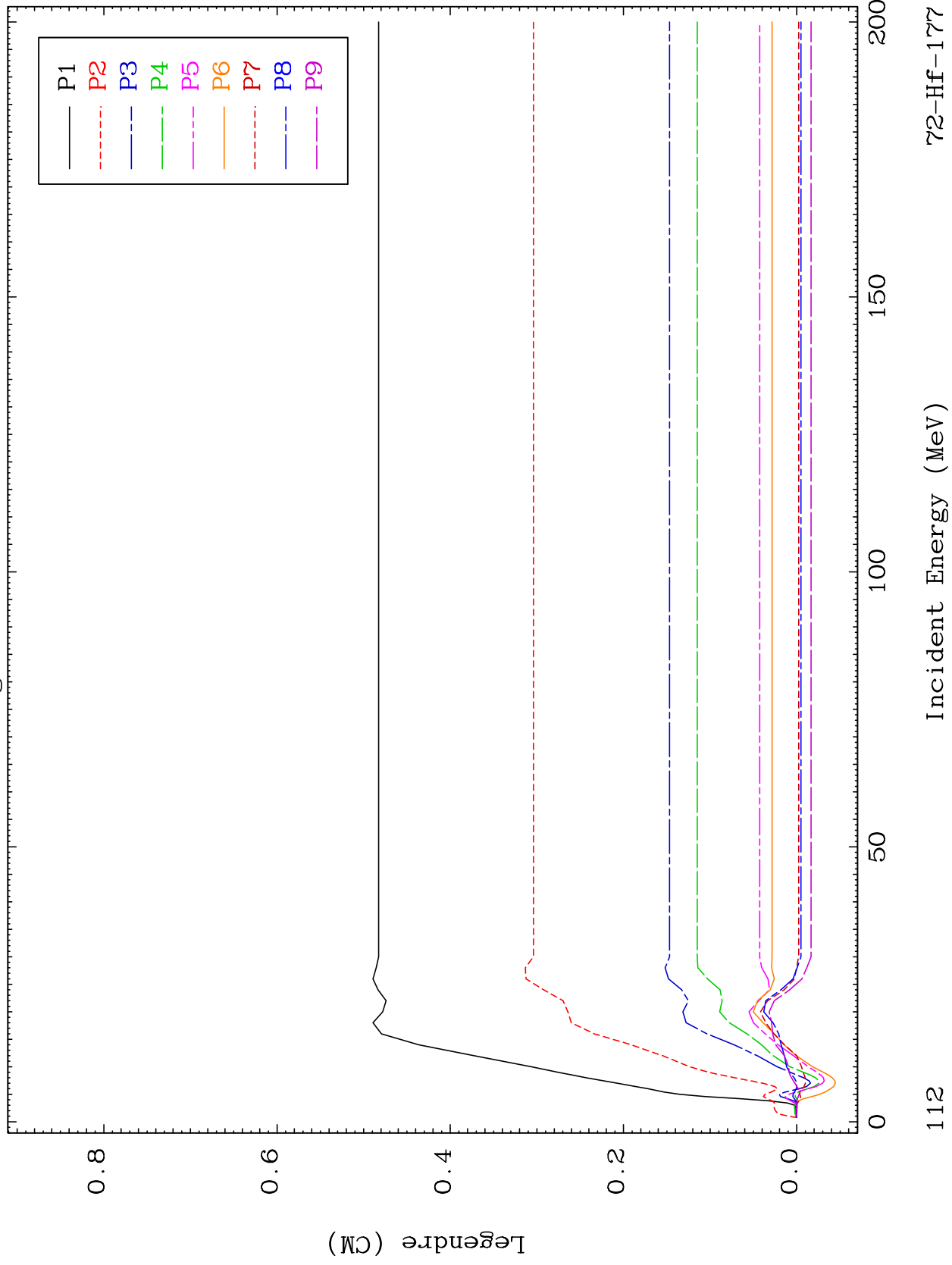
Incident Energy (MeV)

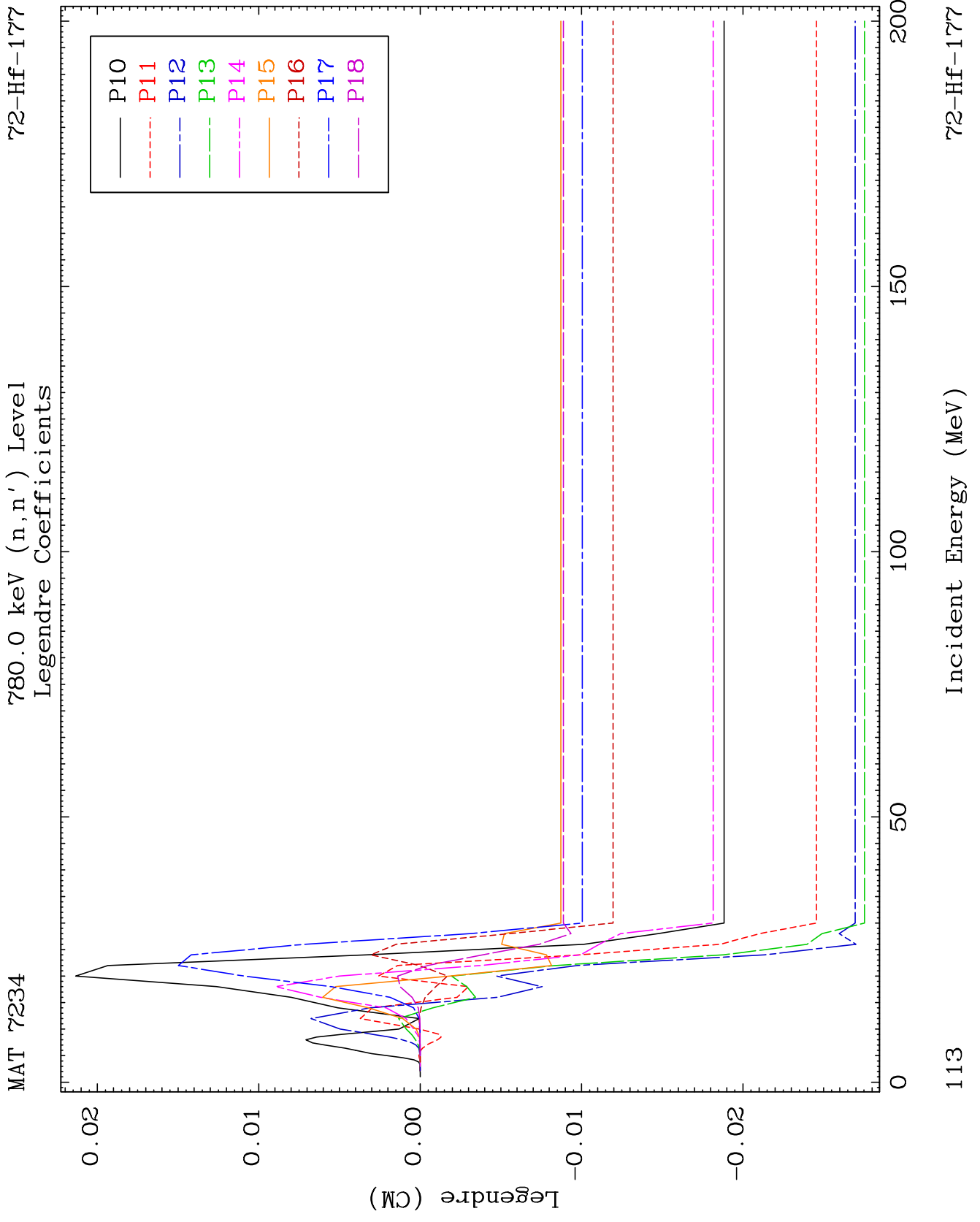
72-Hf-177

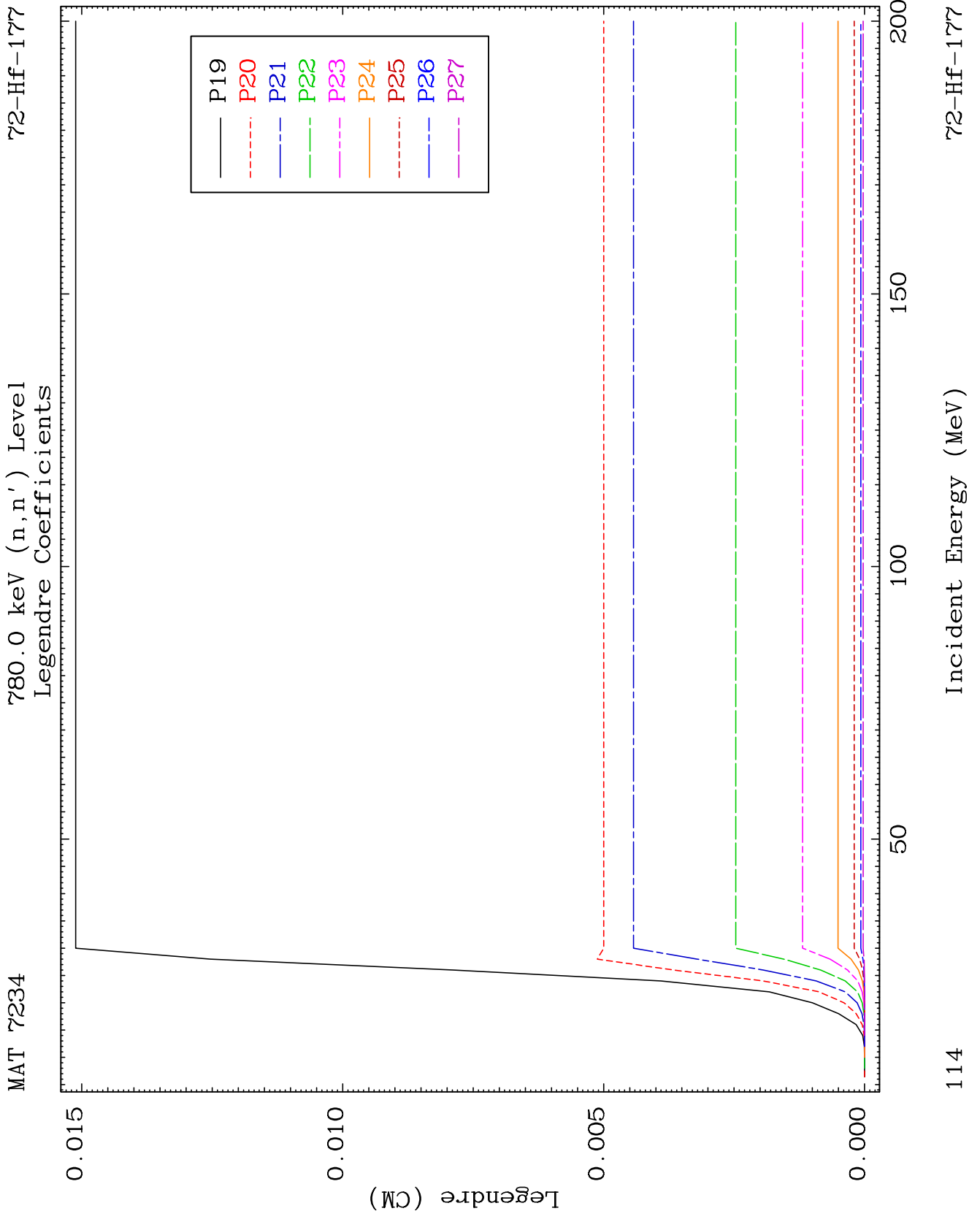
MAT 7234

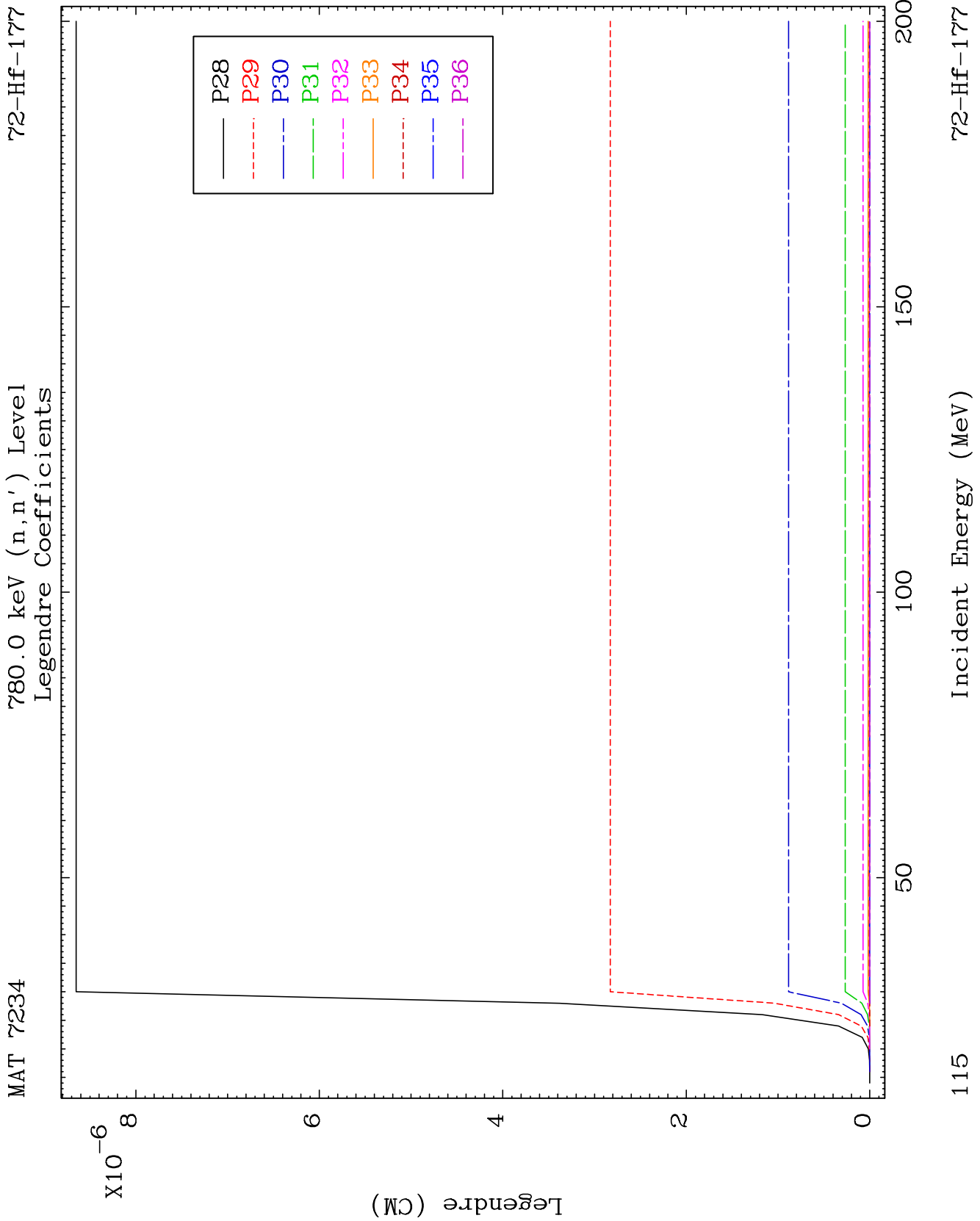
780.0 keV (n,n') Level
Legendre Coefficients

72-Hf-177





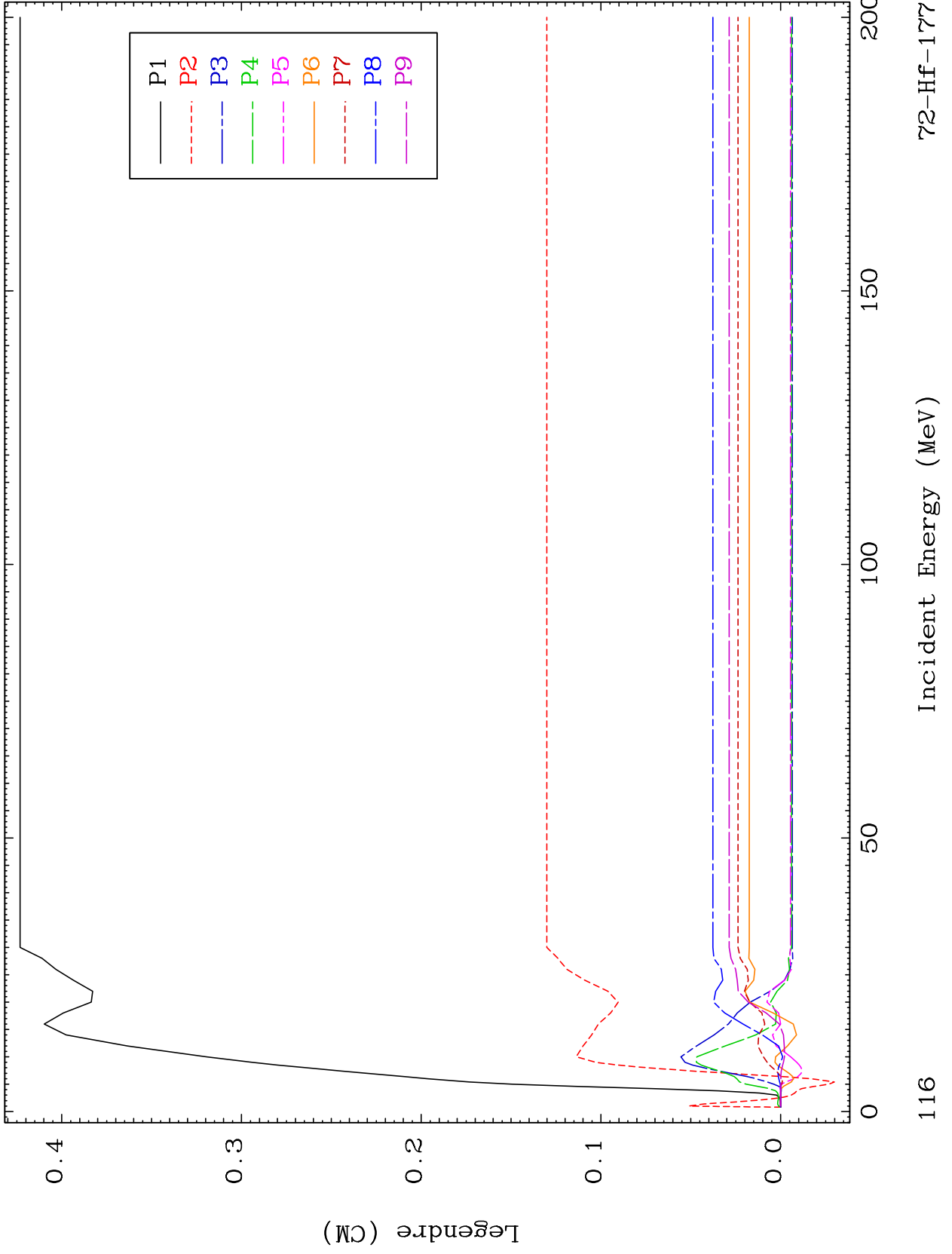




MAT 7234

794.4 keV (n,n') Level
Legendre Coefficients

72-Hf-177



116

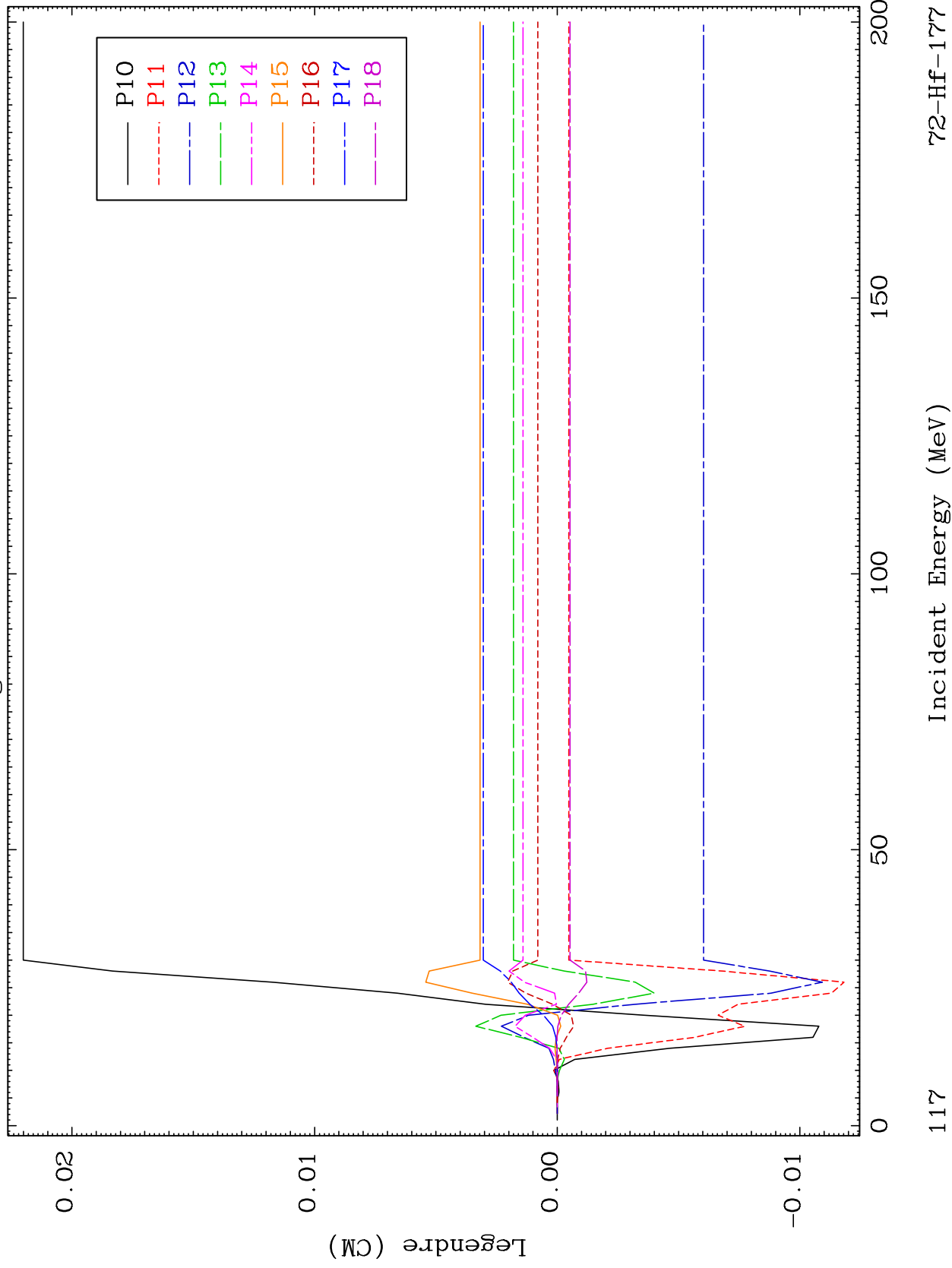
Incident Energy (MeV)

72-Hf-177

MAT 7234

794.4 keV (n,n') Level
Legendre Coefficients

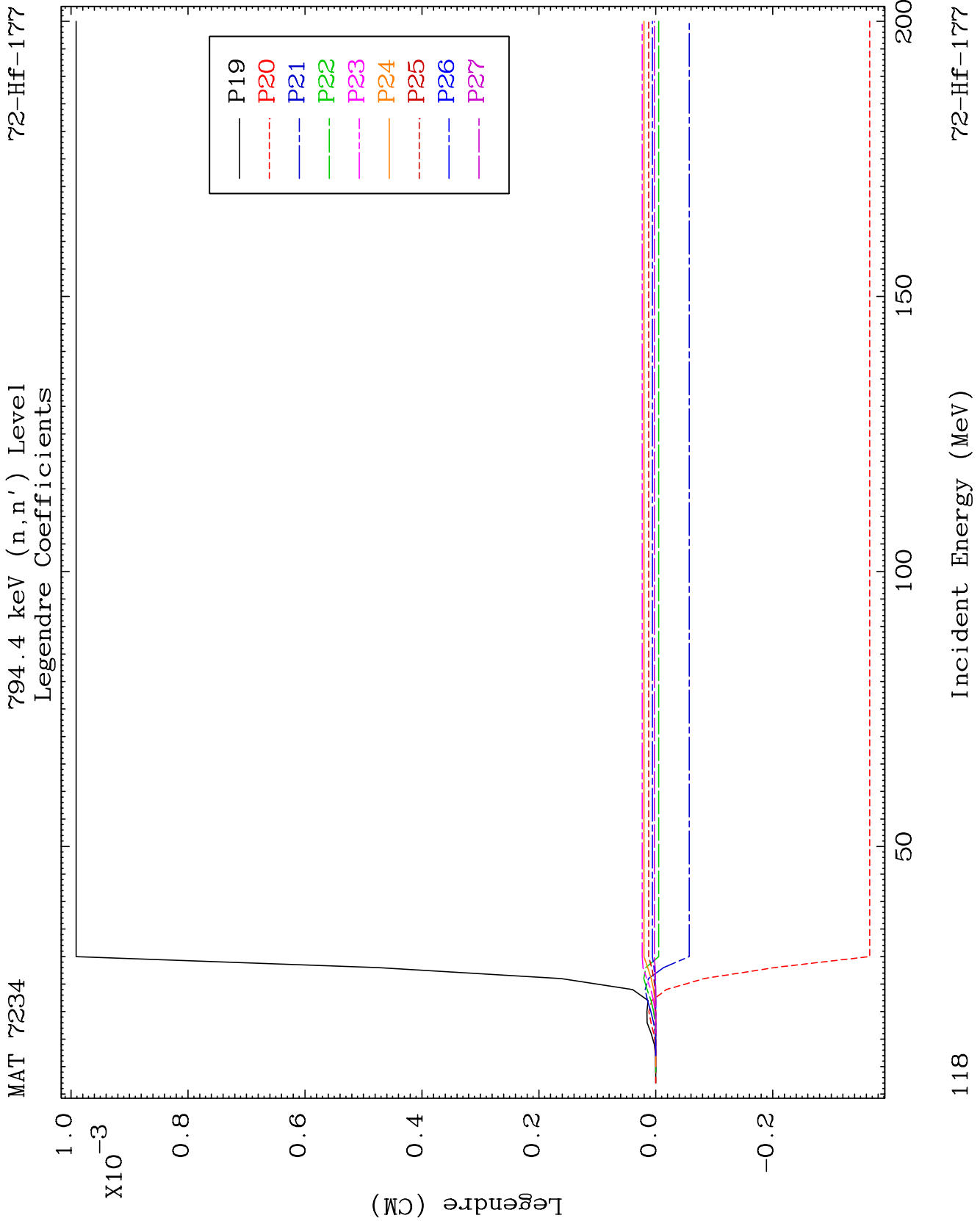
72-Hf-177



117

Incident Energy (MeV)

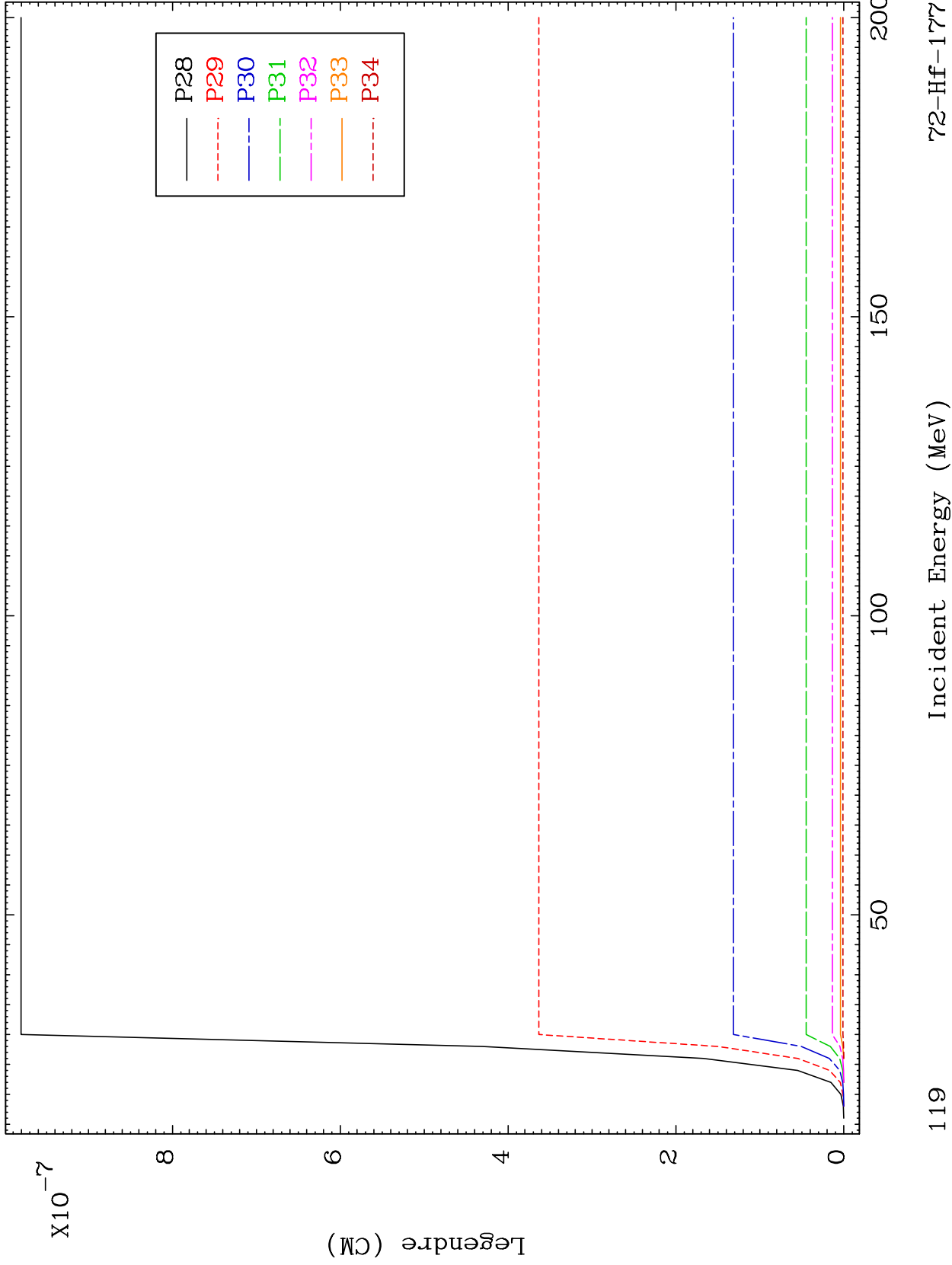
72-Hf-177



MAT 7234

794.4 keV (n,n') Level
Legendre Coefficients

72-Hf-177



119

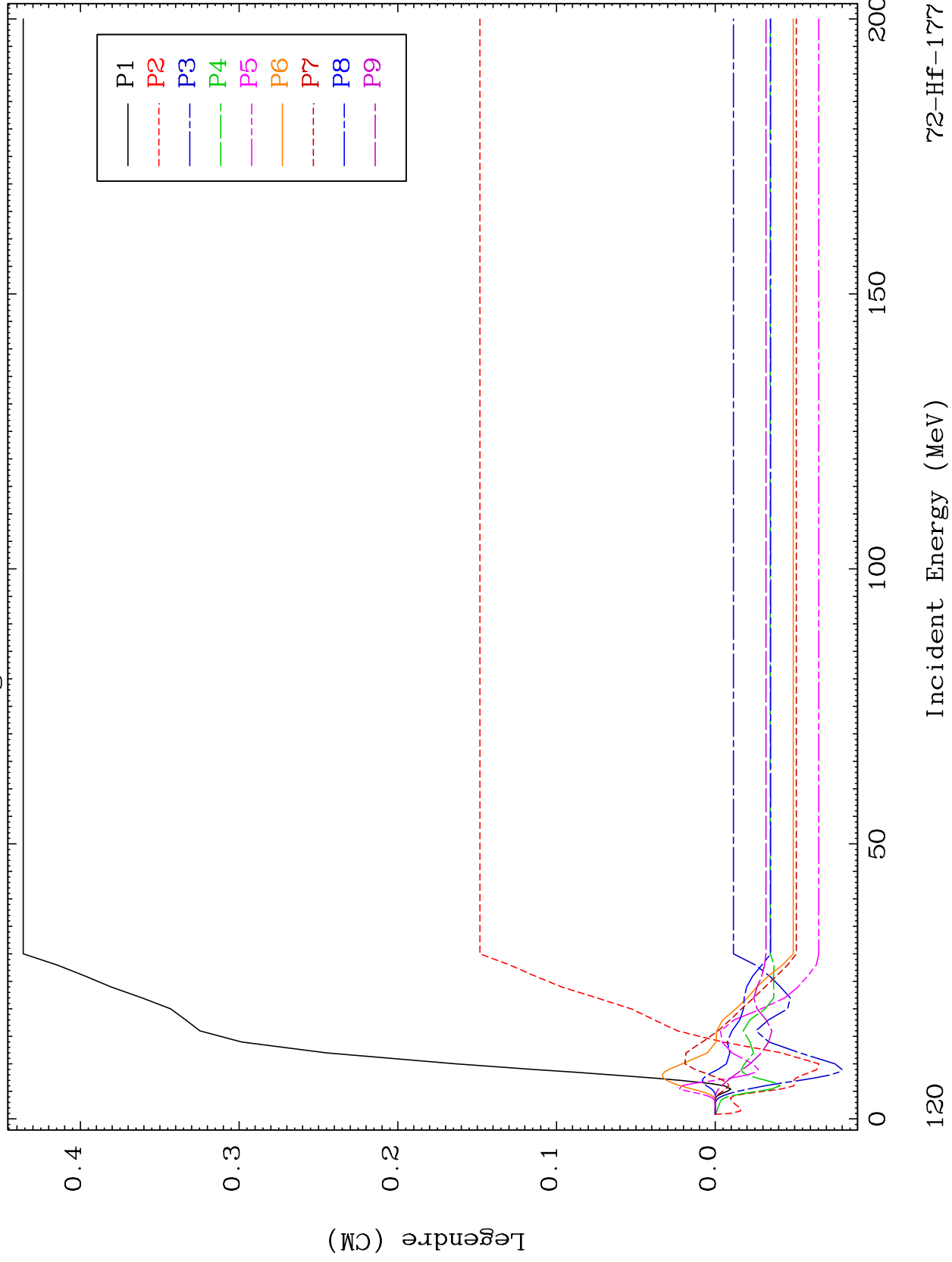
Incident Energy (MeV)

72-Hf-177

MAT 7234

805.7 keV (n,n') Level
Legendre Coefficients

72-Hf-177



72-Hf-177

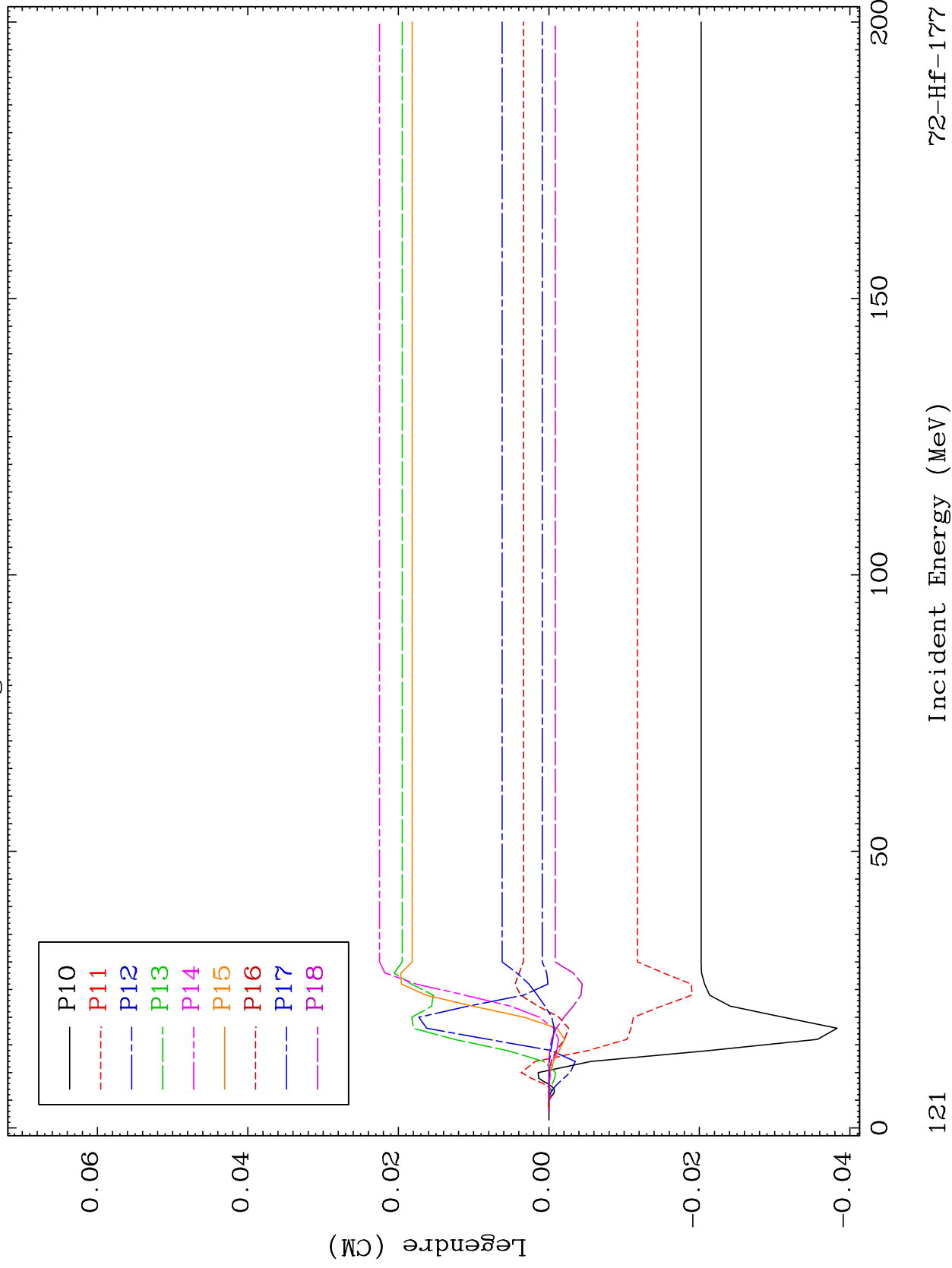
Incident Energy (MeV)

120

MAT 7234

805.7 keV (n,n') Level
Legendre Coefficients

72-Hf-177



121

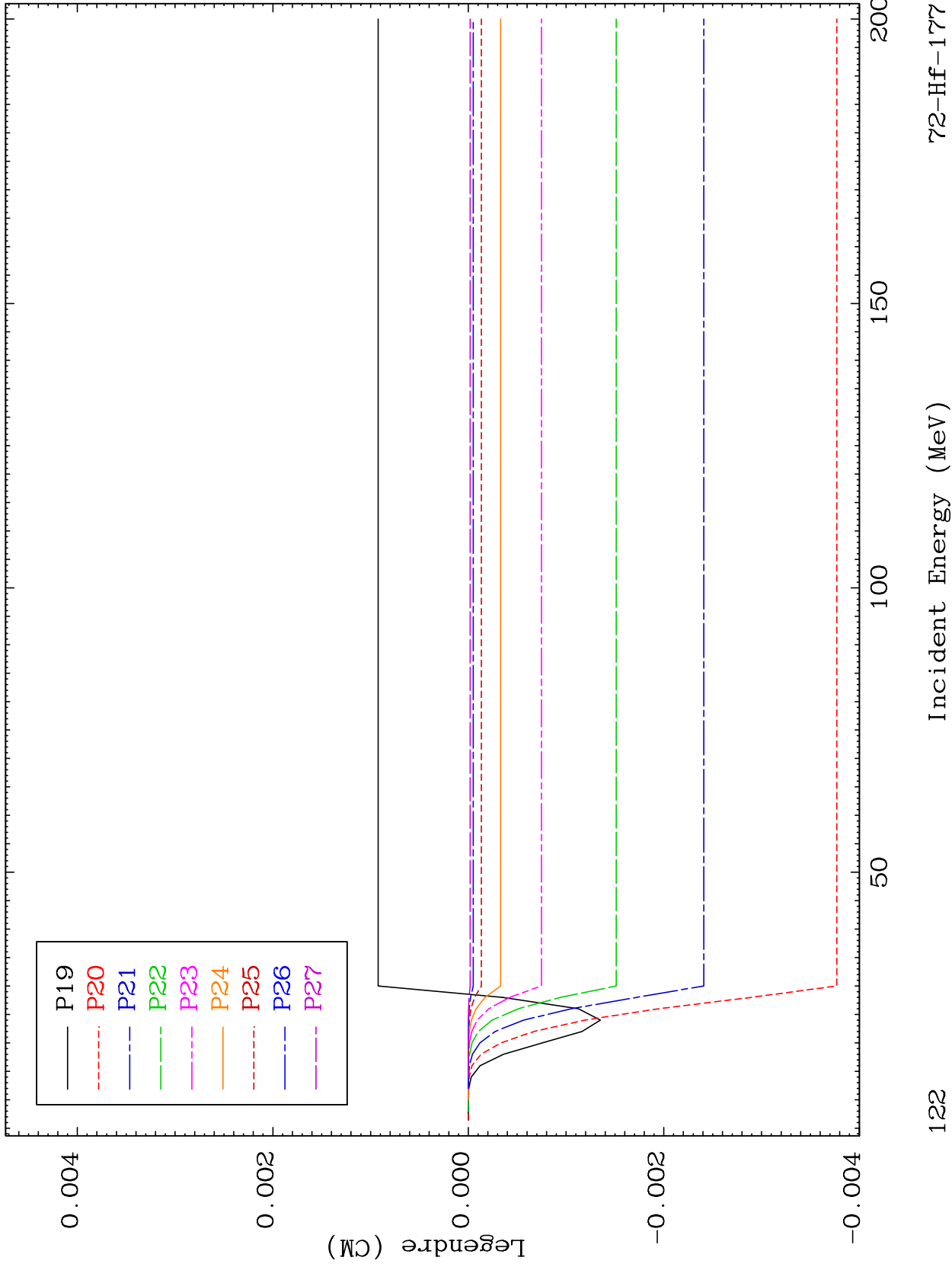
Incident Energy (MeV)

72-Hf-177

MAT 7234

805.7 keV (n,n') Level
Legendre Coefficients

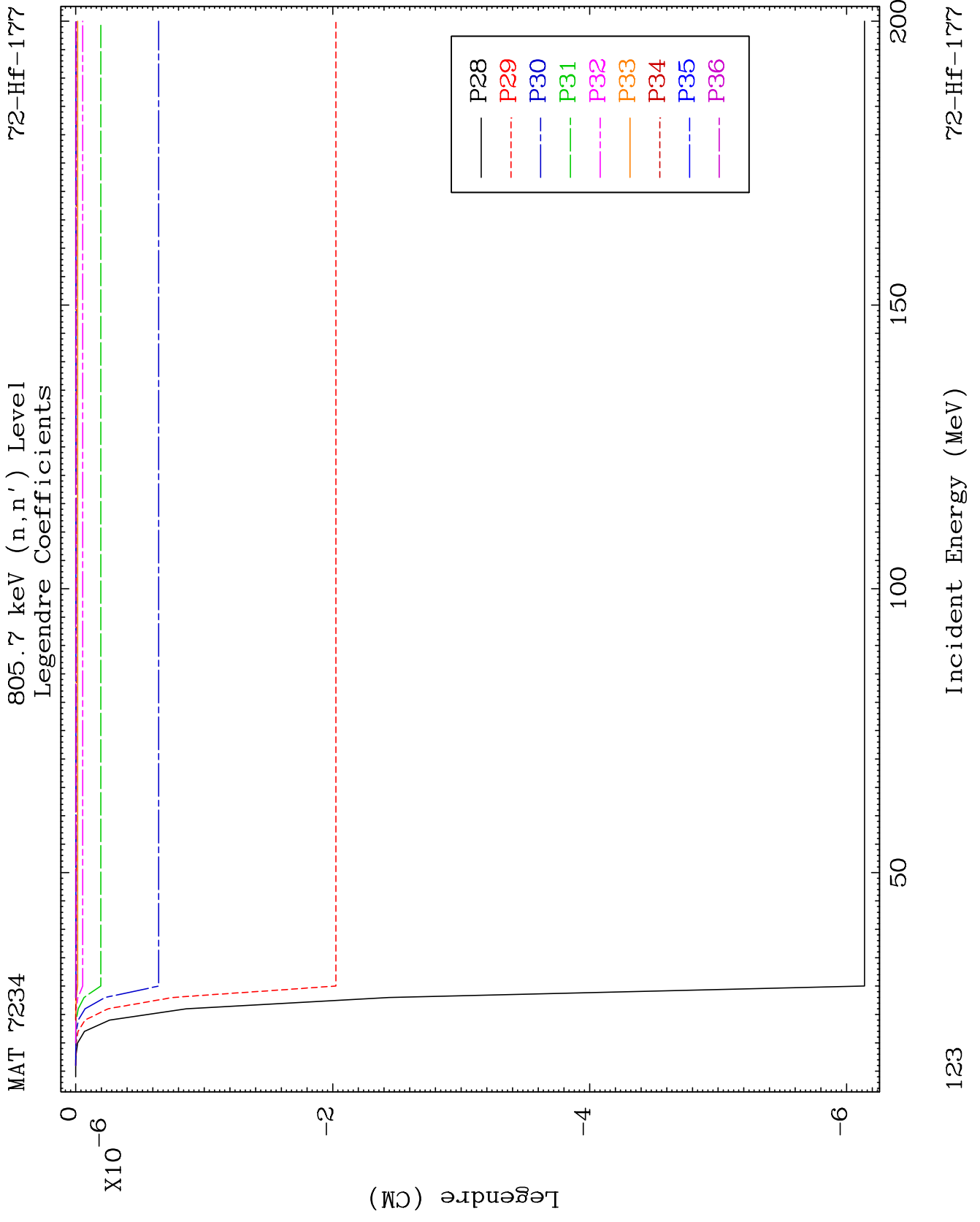
72-Hf-177



122

Incident Energy (MeV)

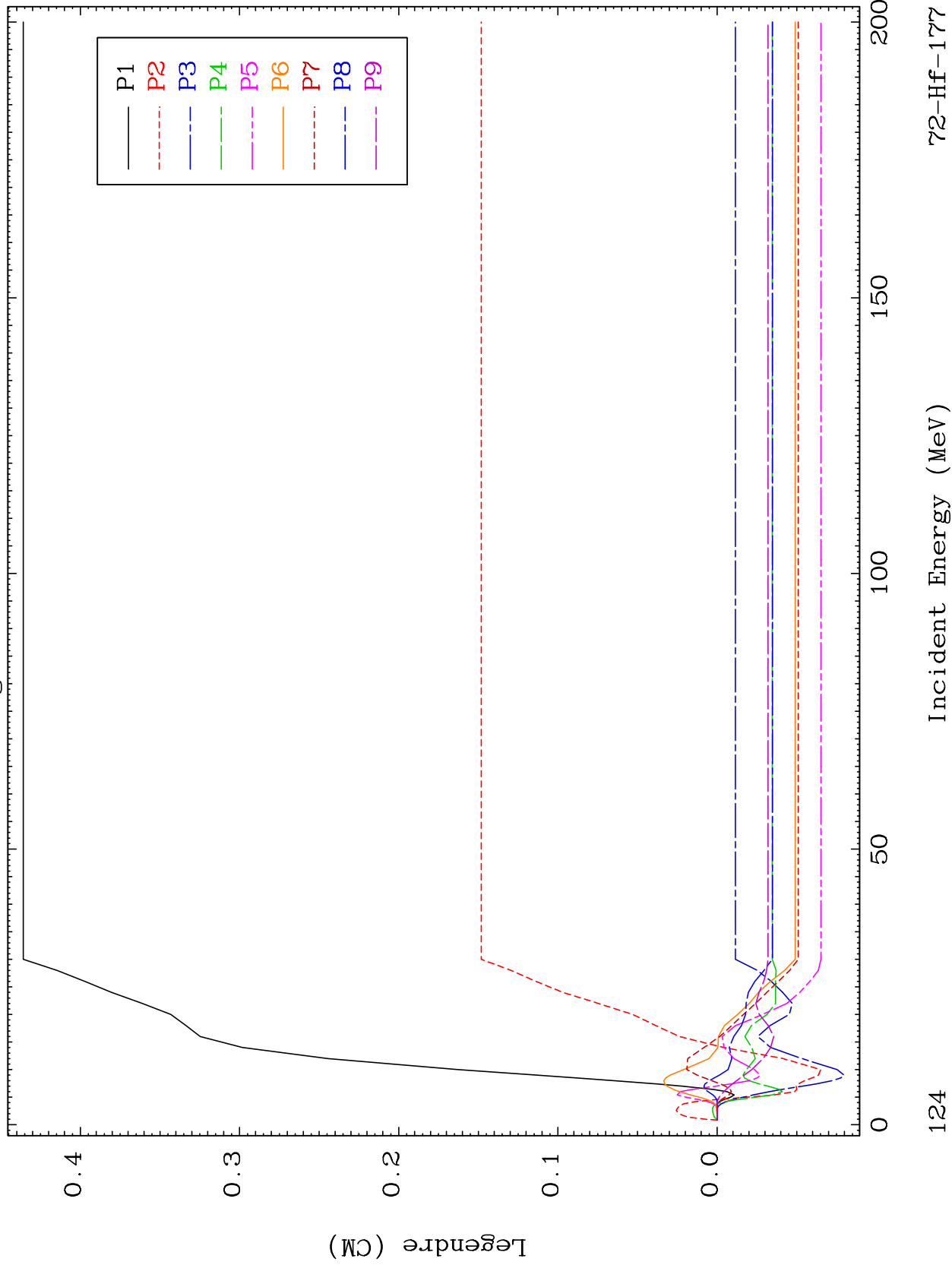
72-Hf-177



MAT 7234

840.1 keV (n,n') Level
Legendre Coefficients

72-Hf-177



72-Hf-177

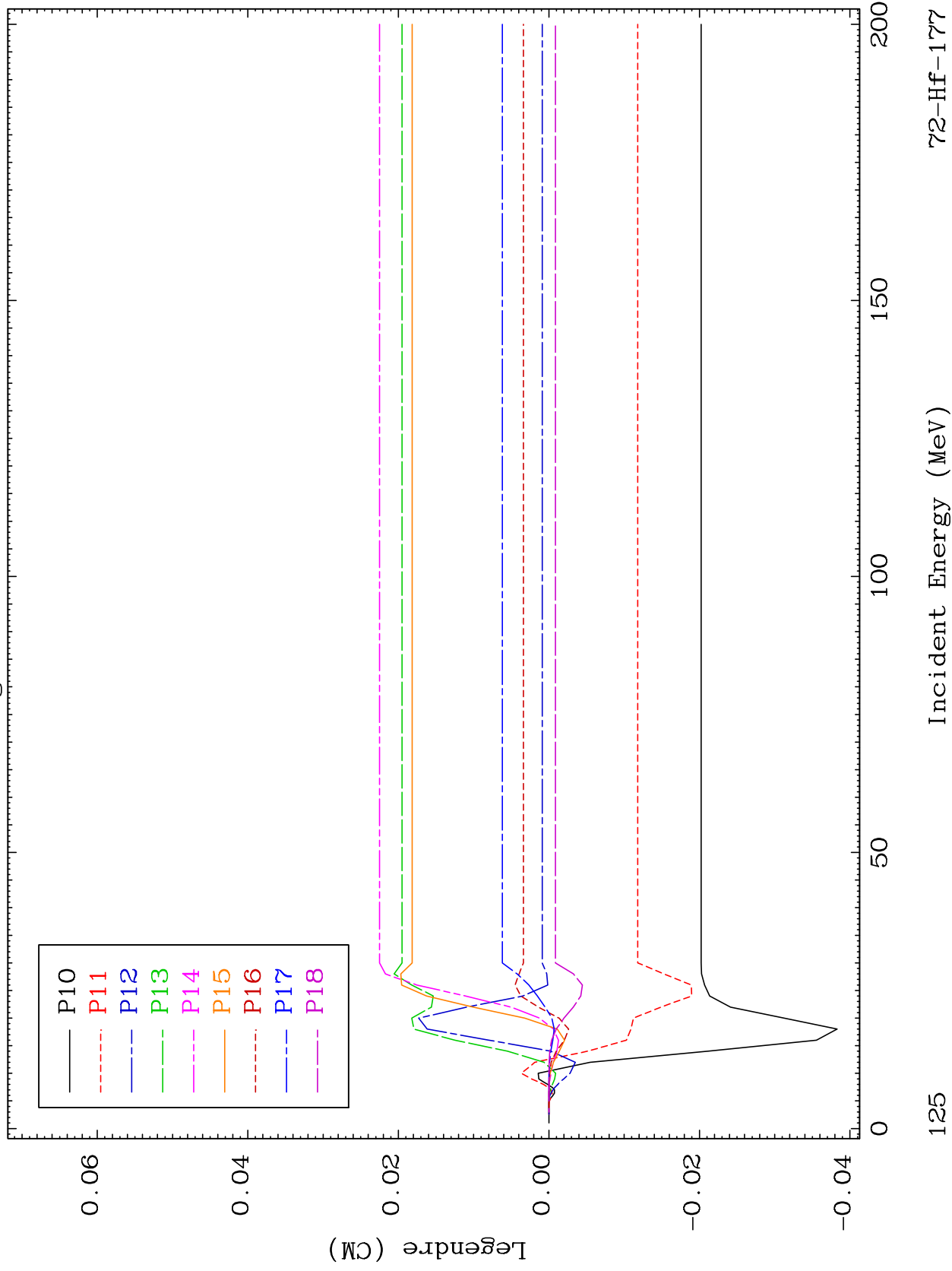
Incident Energy (MeV)

124

MAT 7234

840.1 keV (n,n') Level
Legendre Coefficients

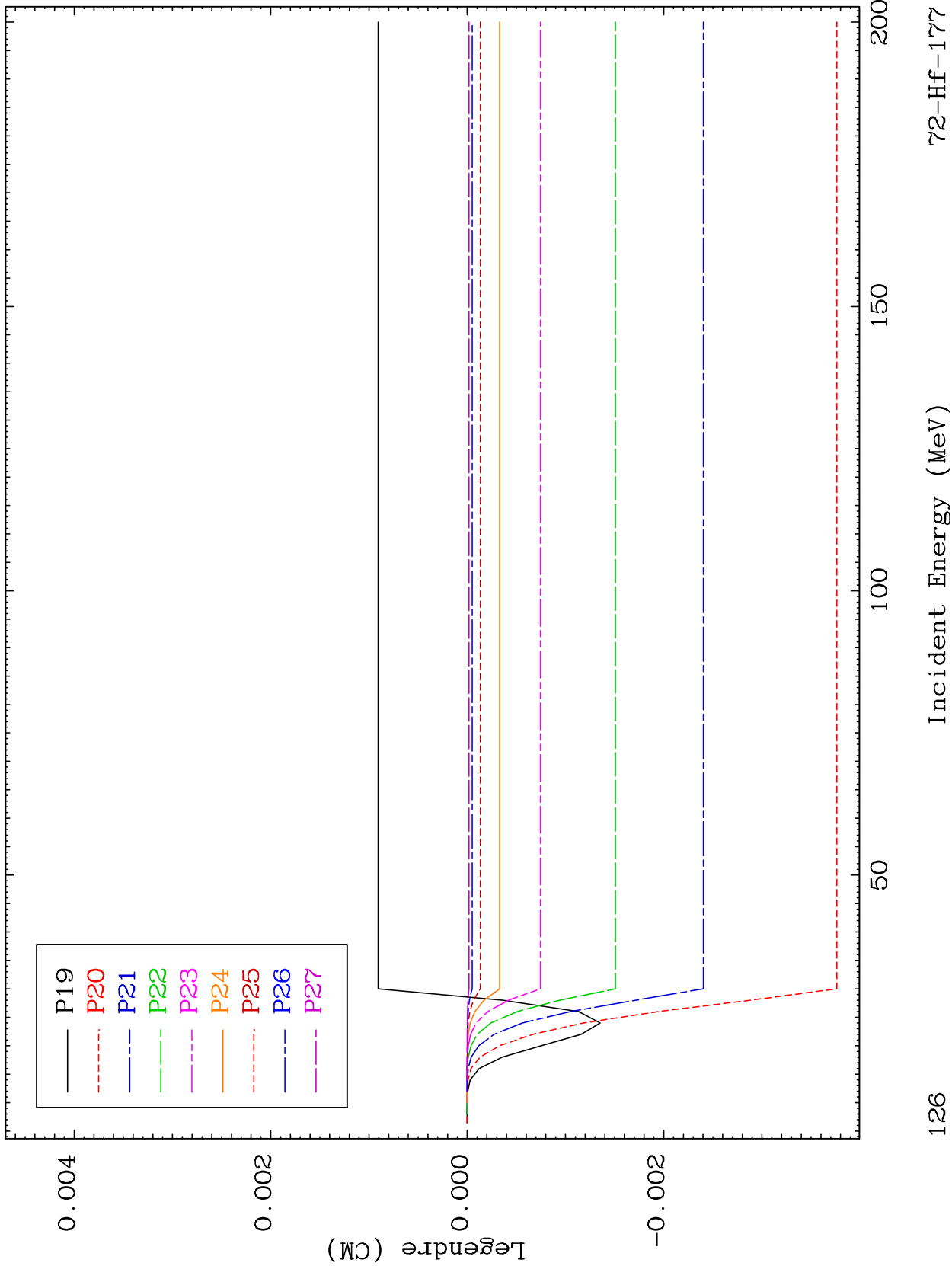
72-Hf-177

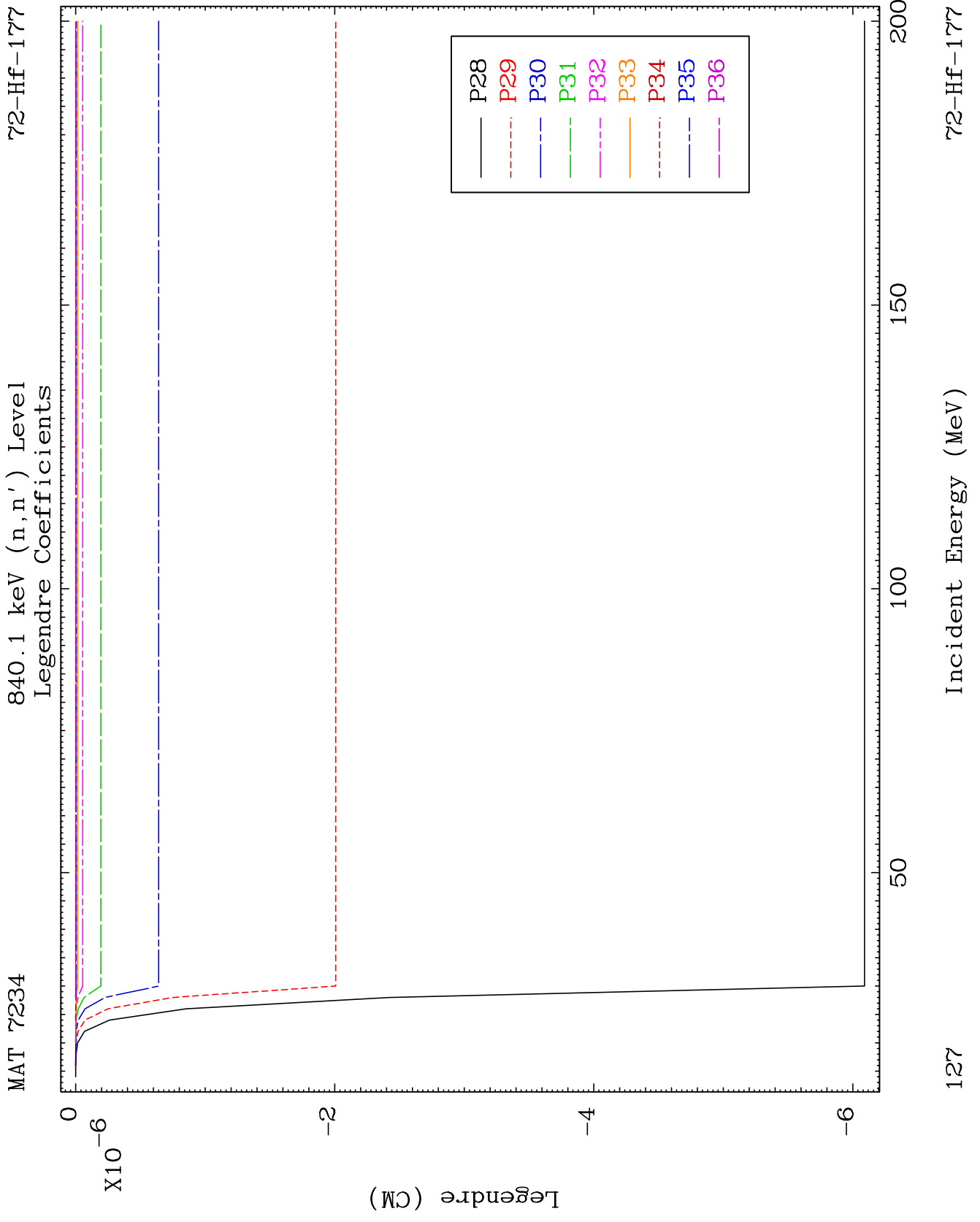


72-Hf-177

Incident Energy (MeV)

125

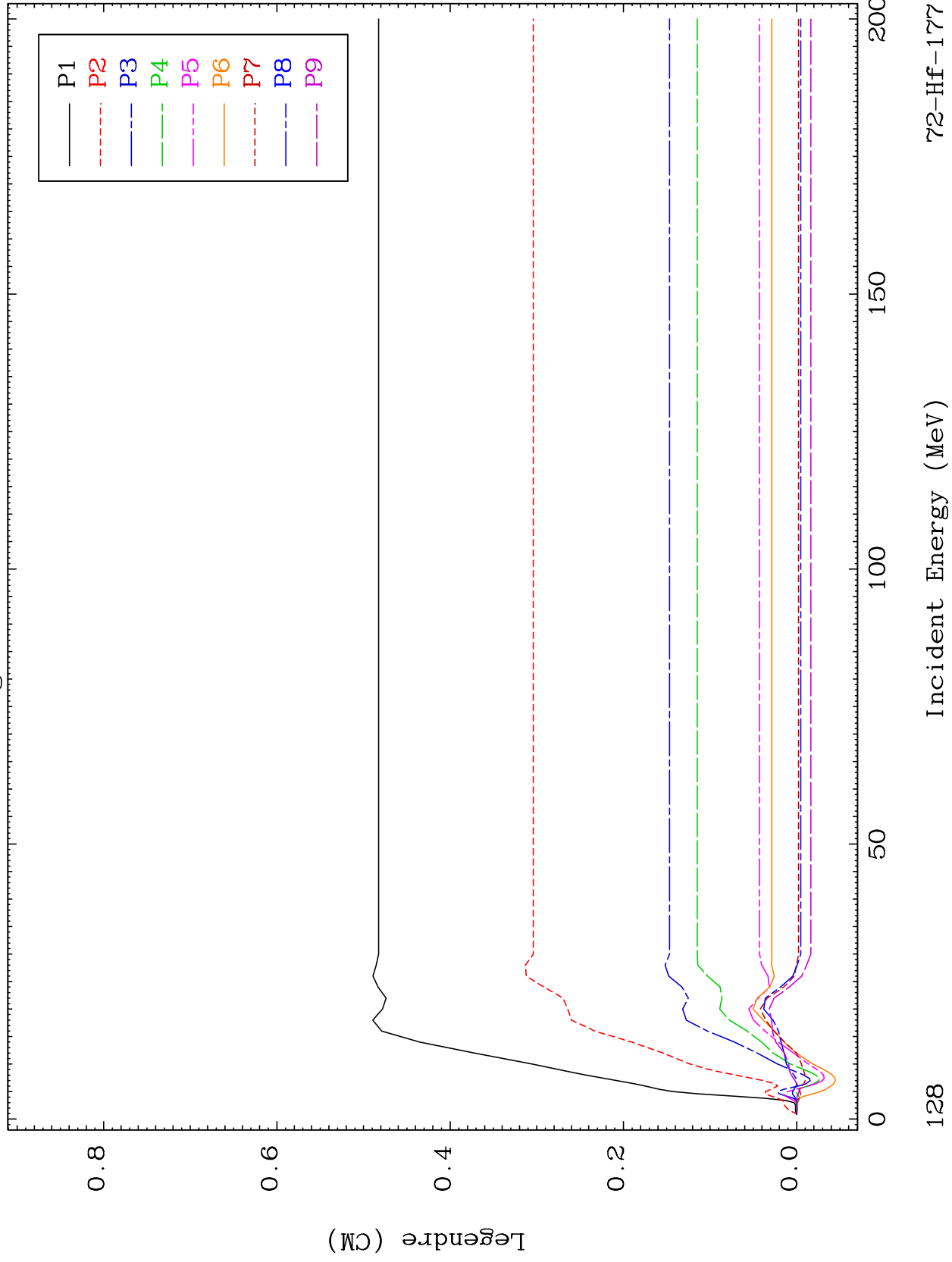




MAT 7234

841.5 keV (n,n') Level
Legendre Coefficients

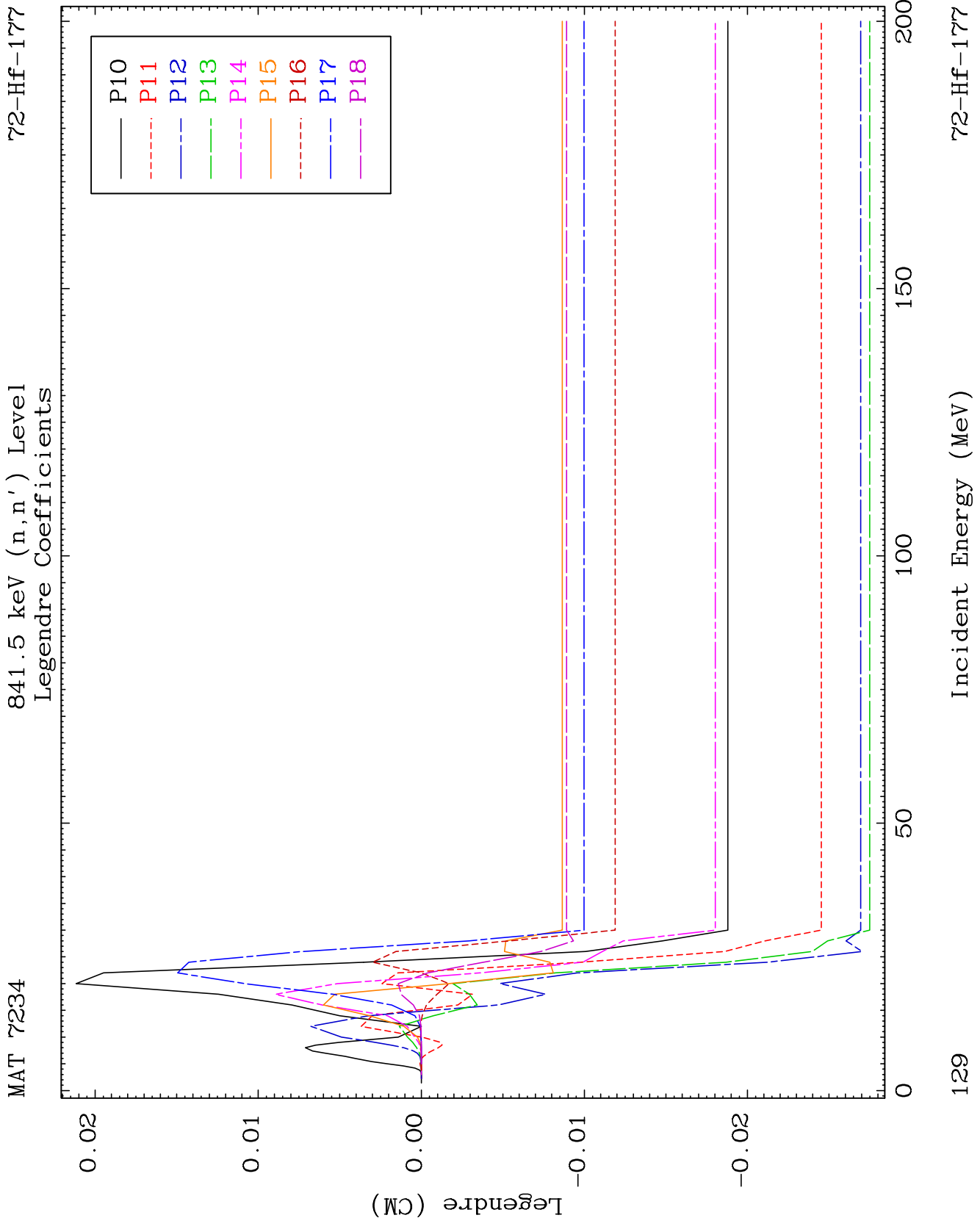
72-Hf-177

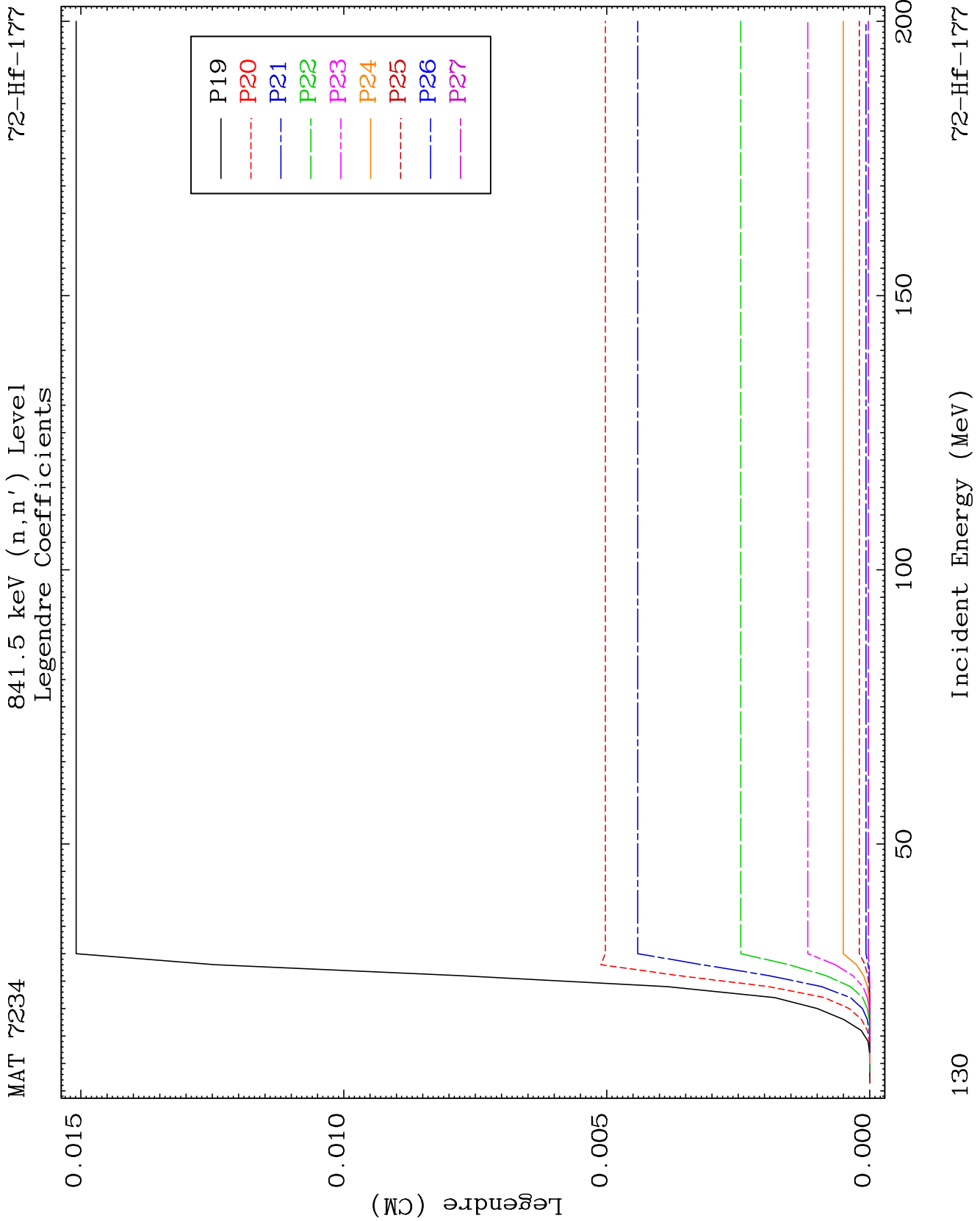


72-Hf-177

Incident Energy (MeV)

128

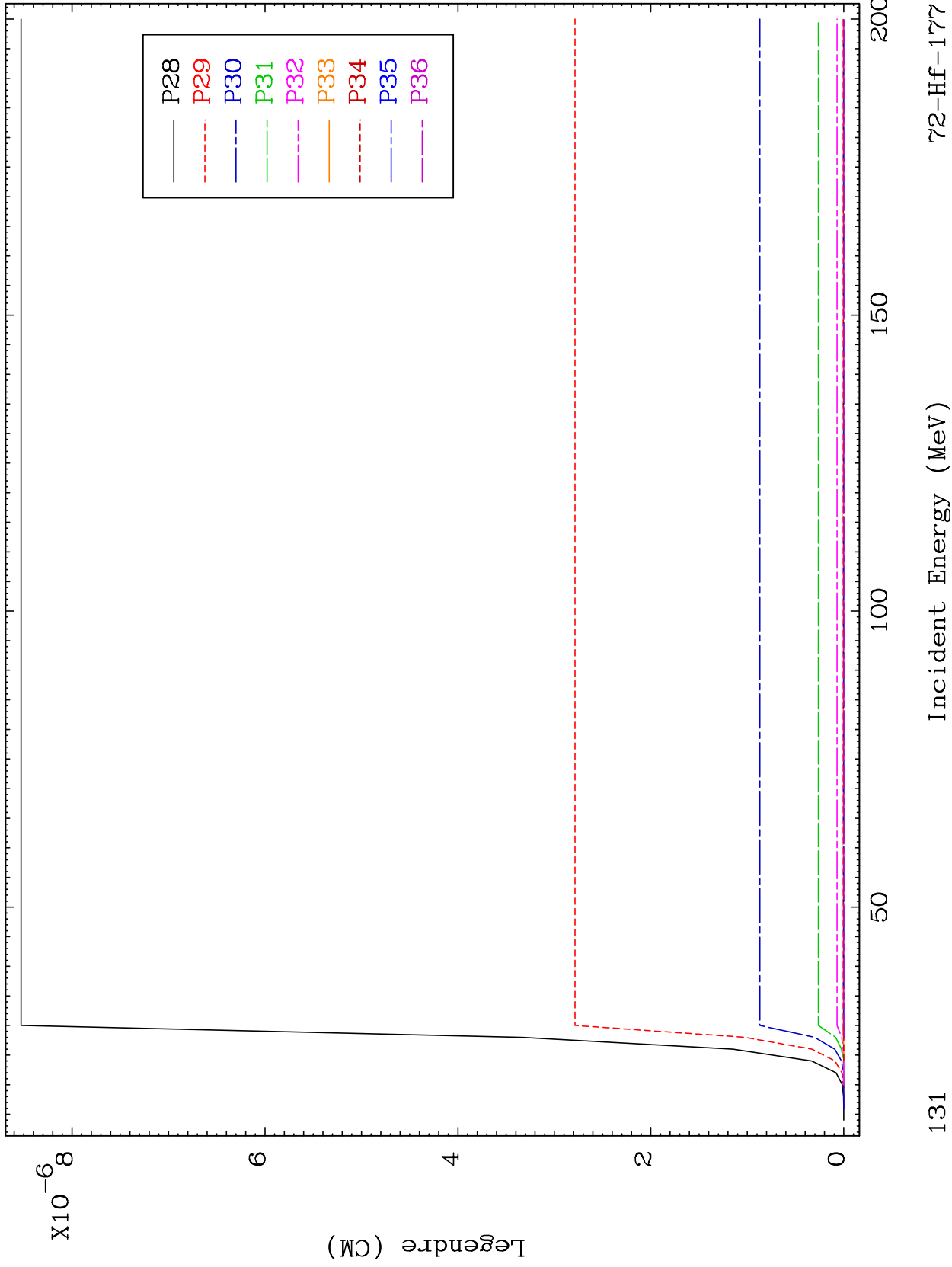




MAT 7234

841.5 keV (n,n') Level
Legendre Coefficients

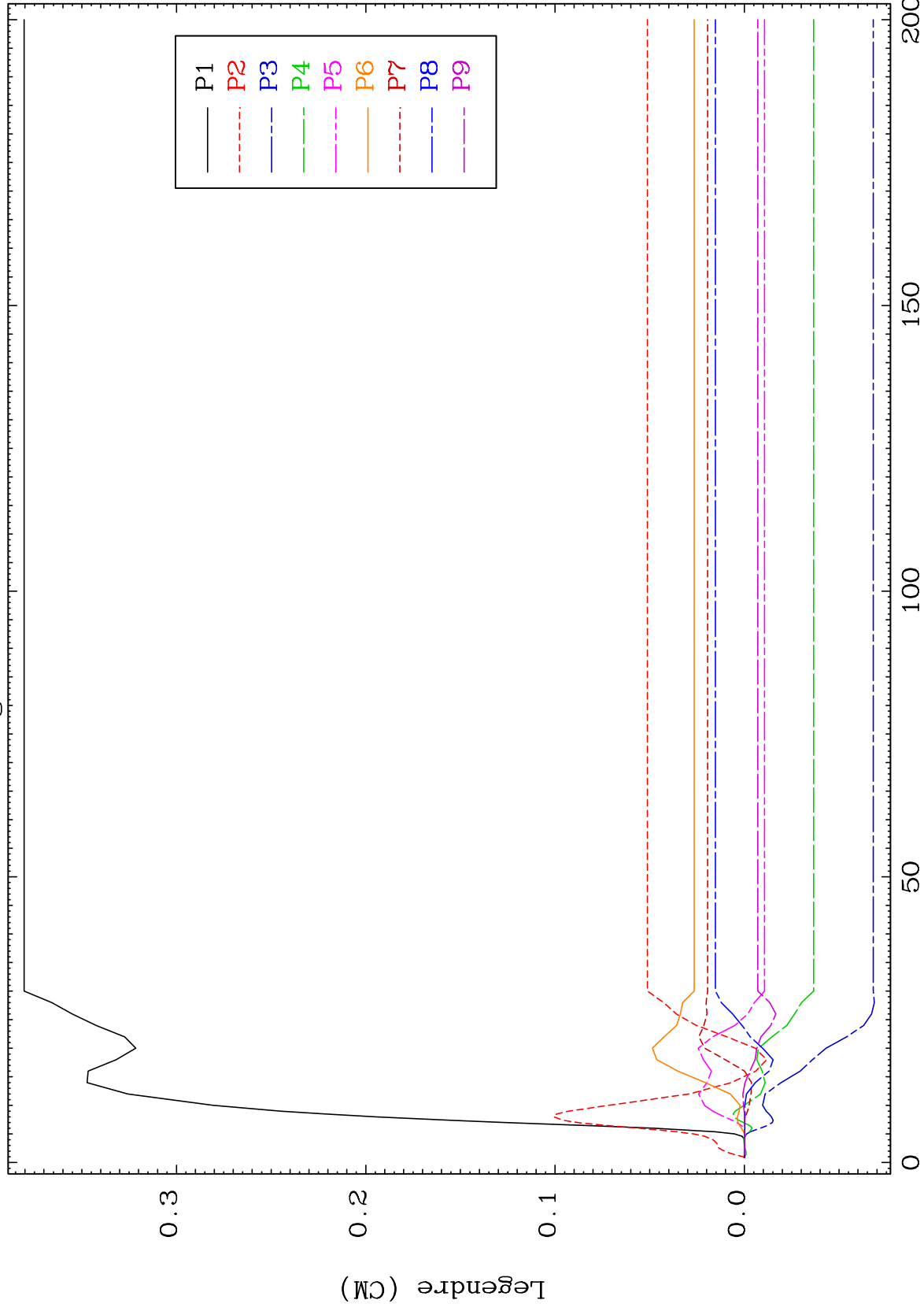
72-Hf-177



MAT 7234

845.6 keV (n, n') Level
Legendre Coefficients

72-Hf-177



132

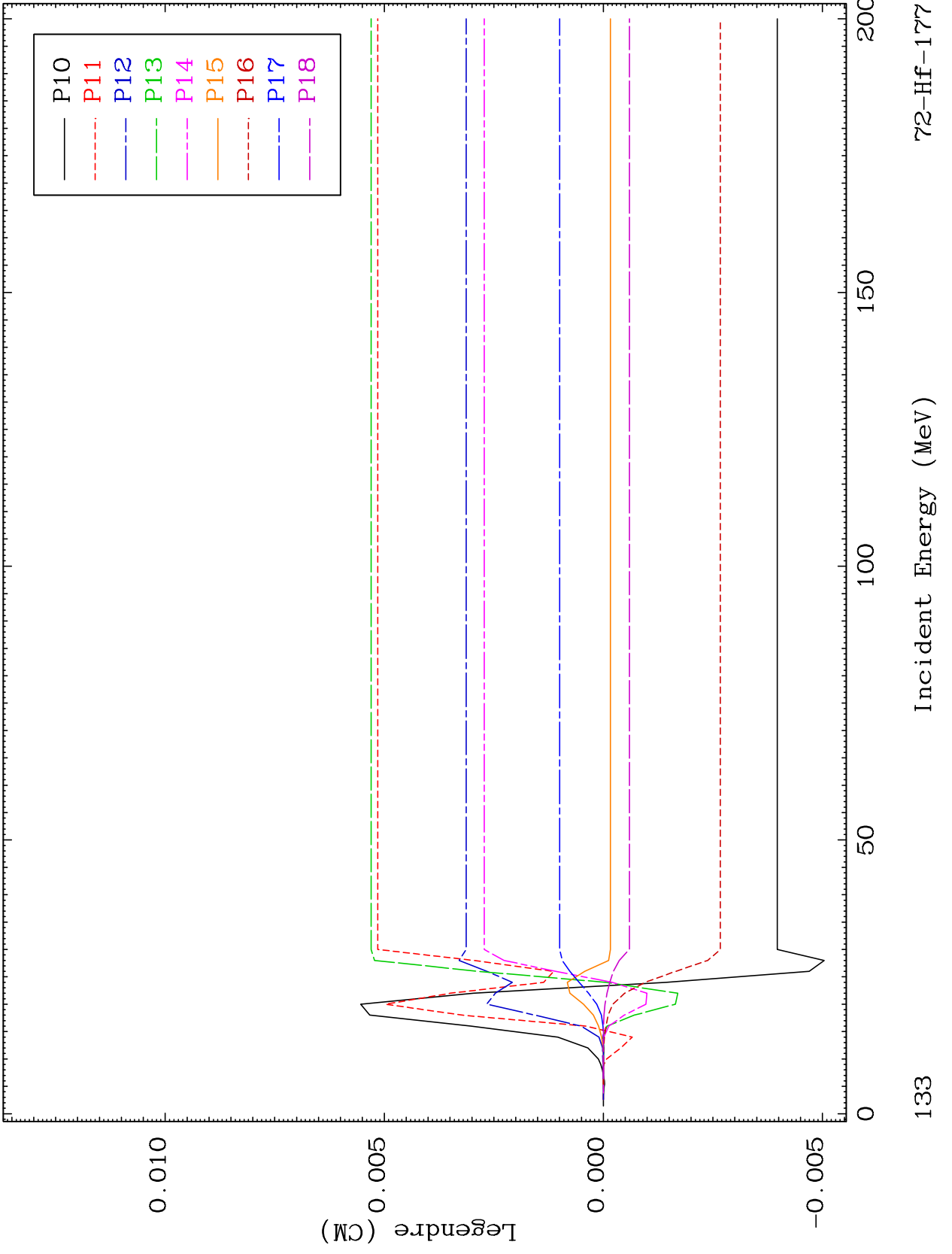
Incident Energy (MeV)

72-Hf-177

MAT 7234

845.6 keV (n,n') Level
Legendre Coefficients

72-Hf-177



72-Hf-177

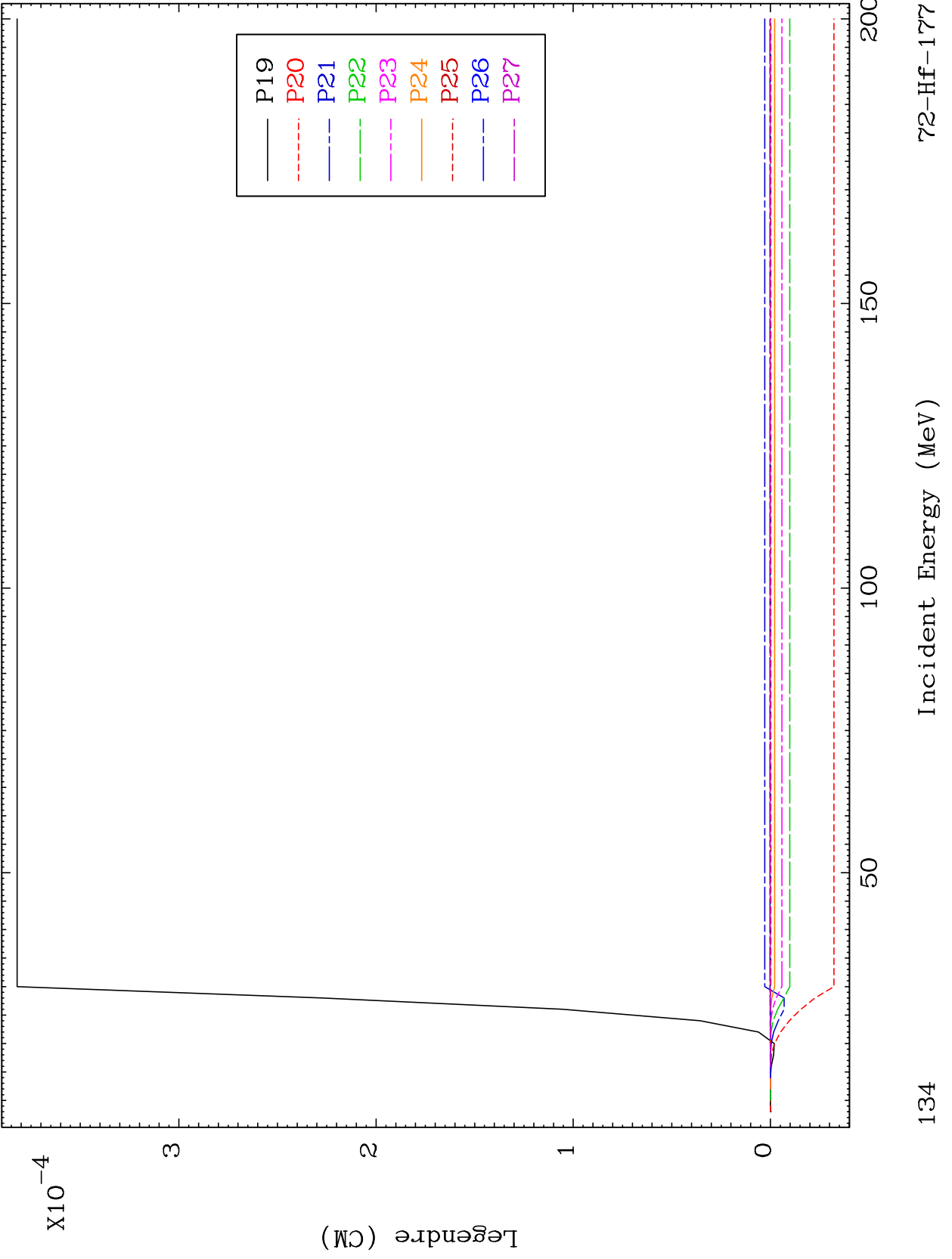
Incident Energy (MeV)

133

MAT 7234

845.6 keV (n, n') Level
Legendre Coefficients

72-Hf-177



134

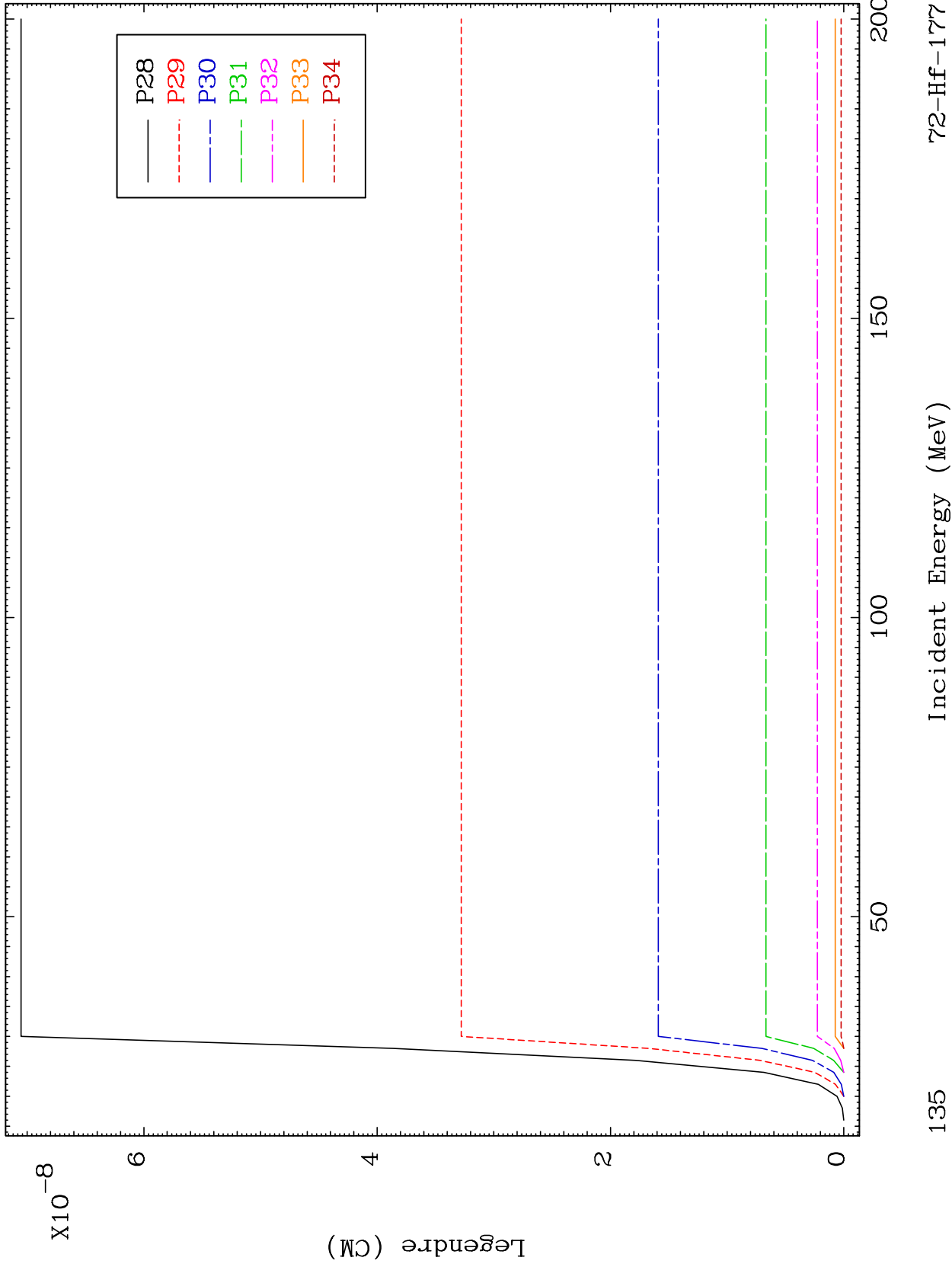
Incident Energy (MeV)

72-Hf-177

MAT 7234

845.6 keV (n,n') Level
Legendre Coefficients

72-Hf-177



135

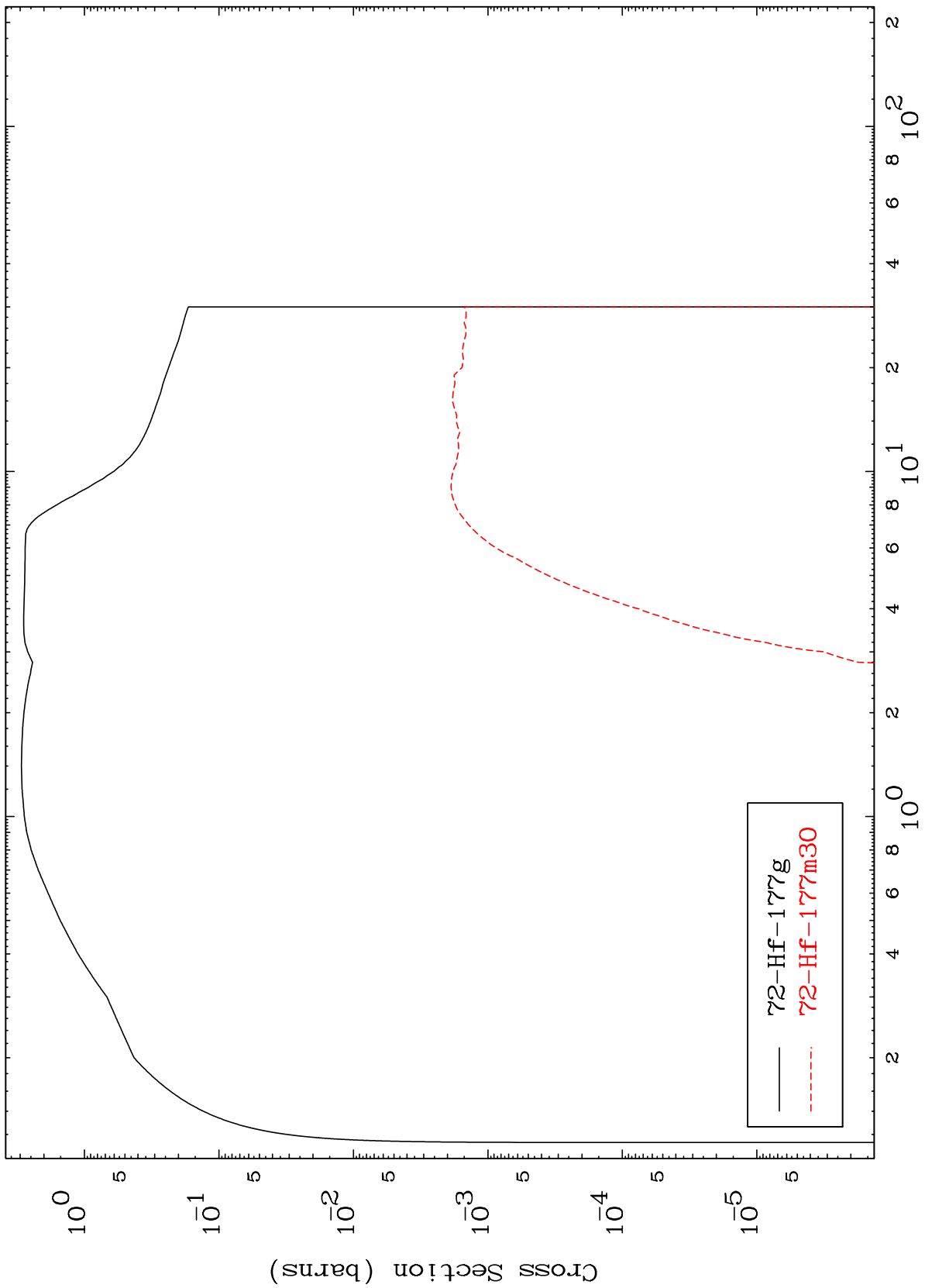
Incident Energy (MeV)

72-Hf-177

MAT 7234

72-Hf-177

Inelastic
Radionuclide Production Cross Section



72-Hf-177

Incident Energy (MeV)

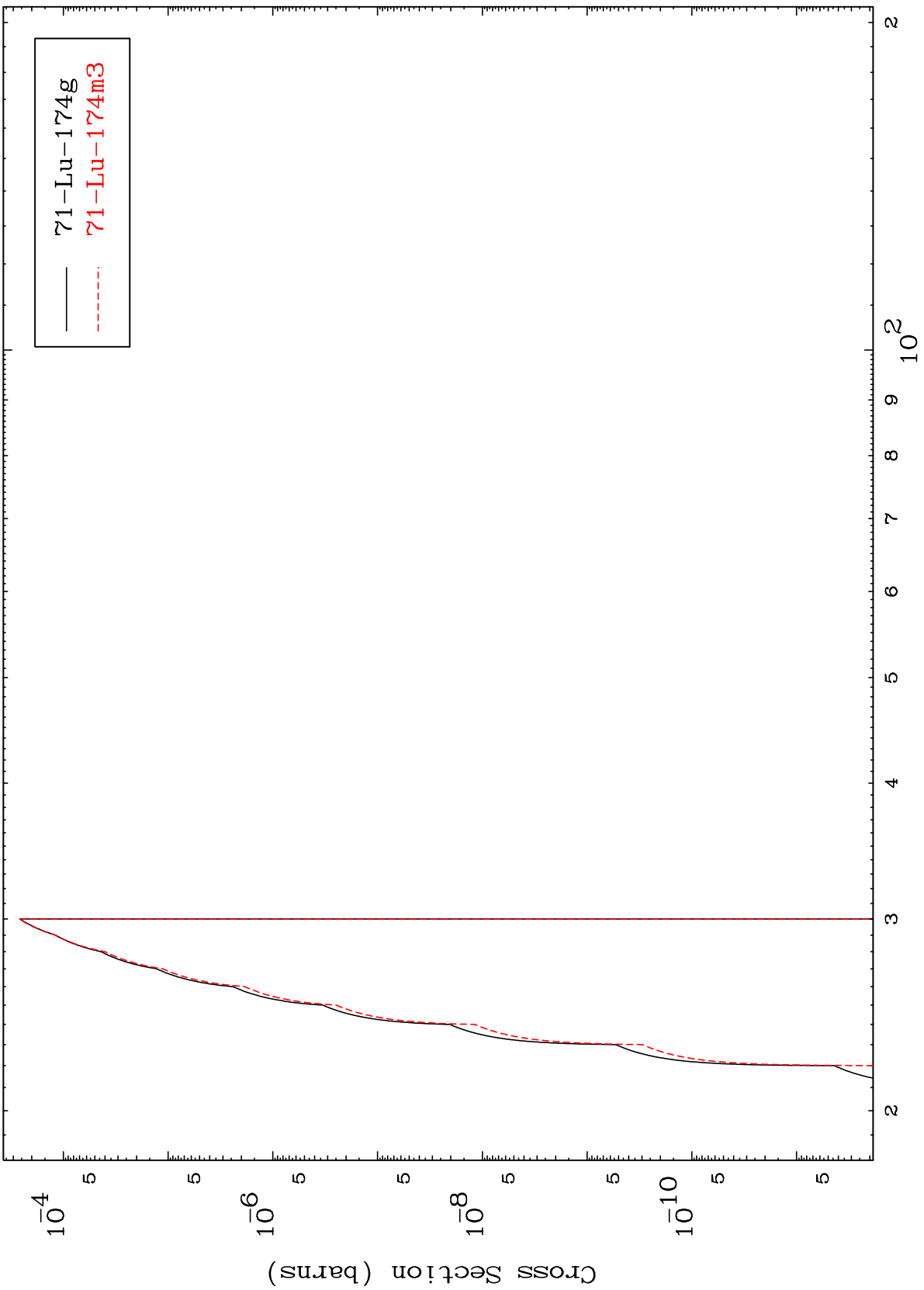
136

MAT 7234

(n,2n) d

72-Hf-177

Radionuclide Production Cross Section



137

Incident Energy (MeV)

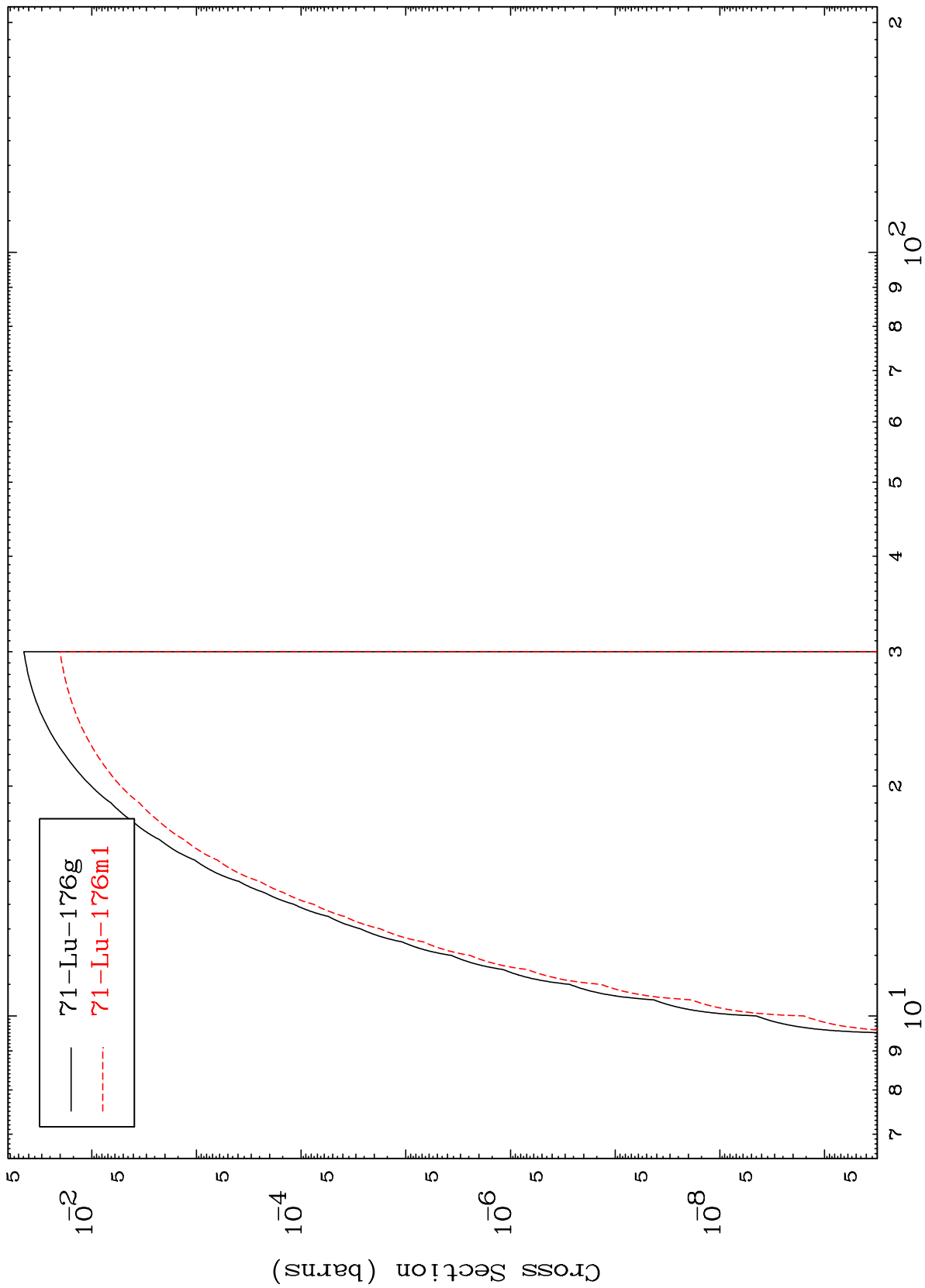
72-Hf-177

MAT 7234

(n,n') p

72-Hf-177

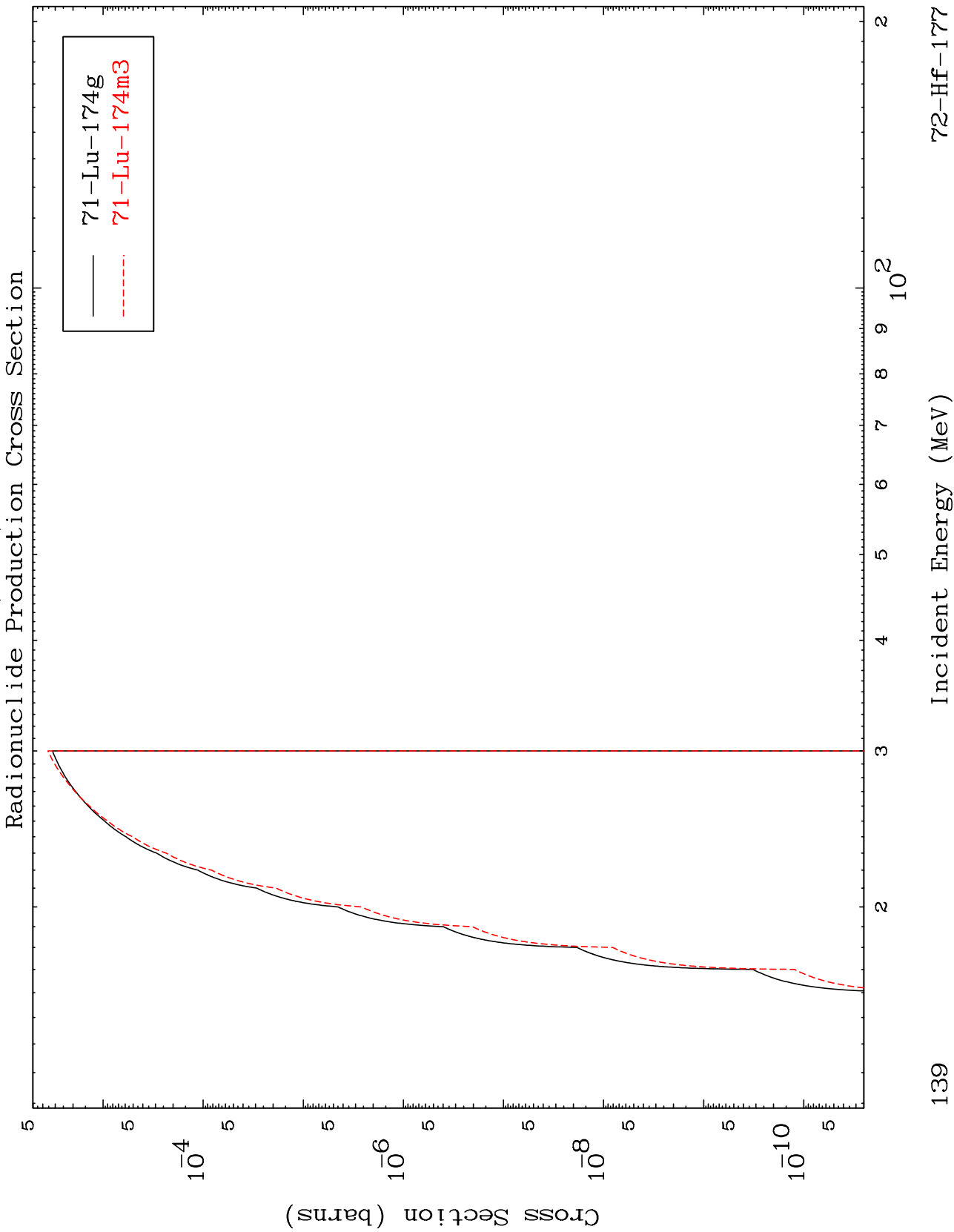
Radionuclide Production Cross Section



138

Incident Energy (MeV)

72-Hf-177

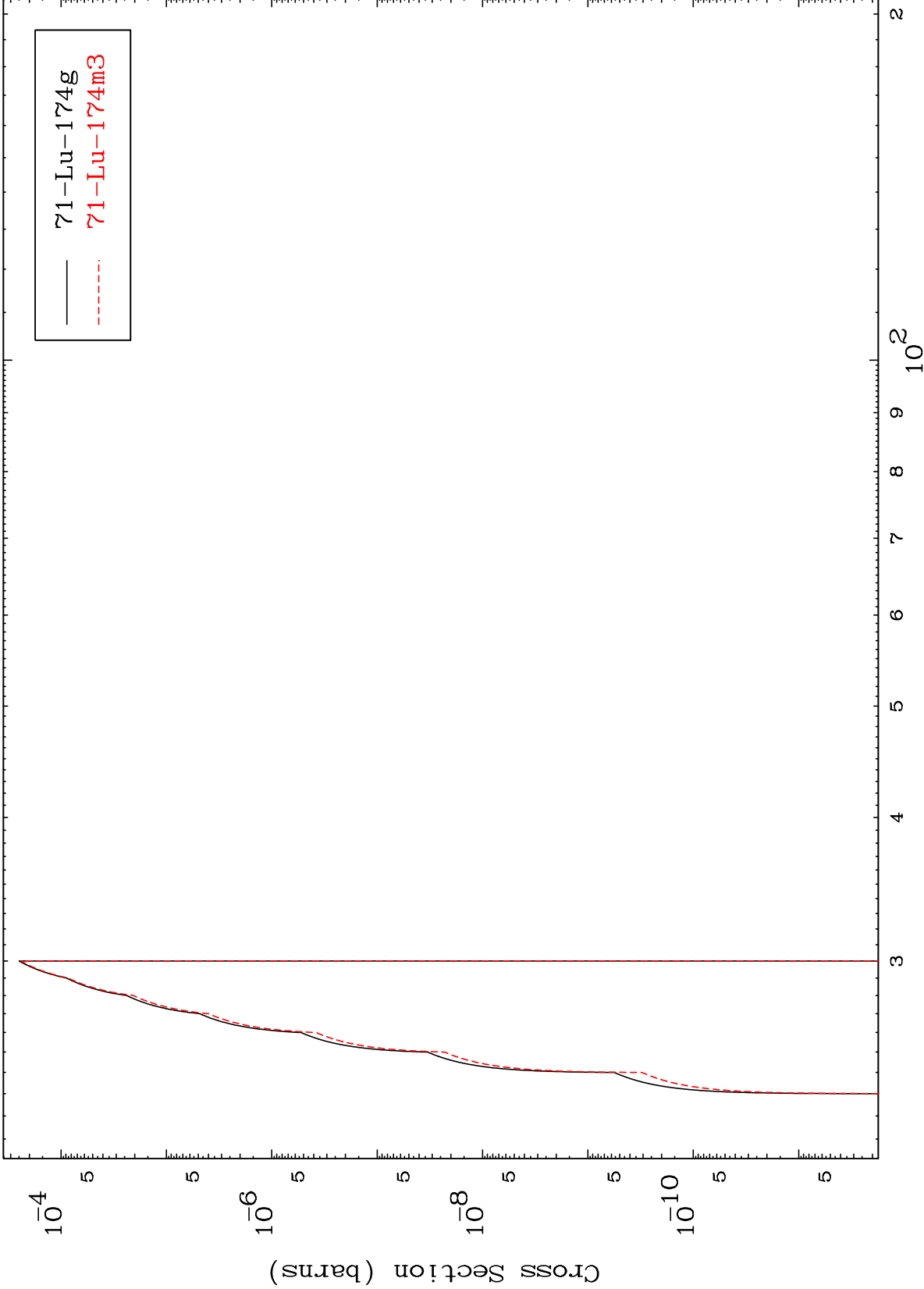


MAT 7234

(n,3n) p

72-Hf-177

Radionuclide Production Cross Section



140

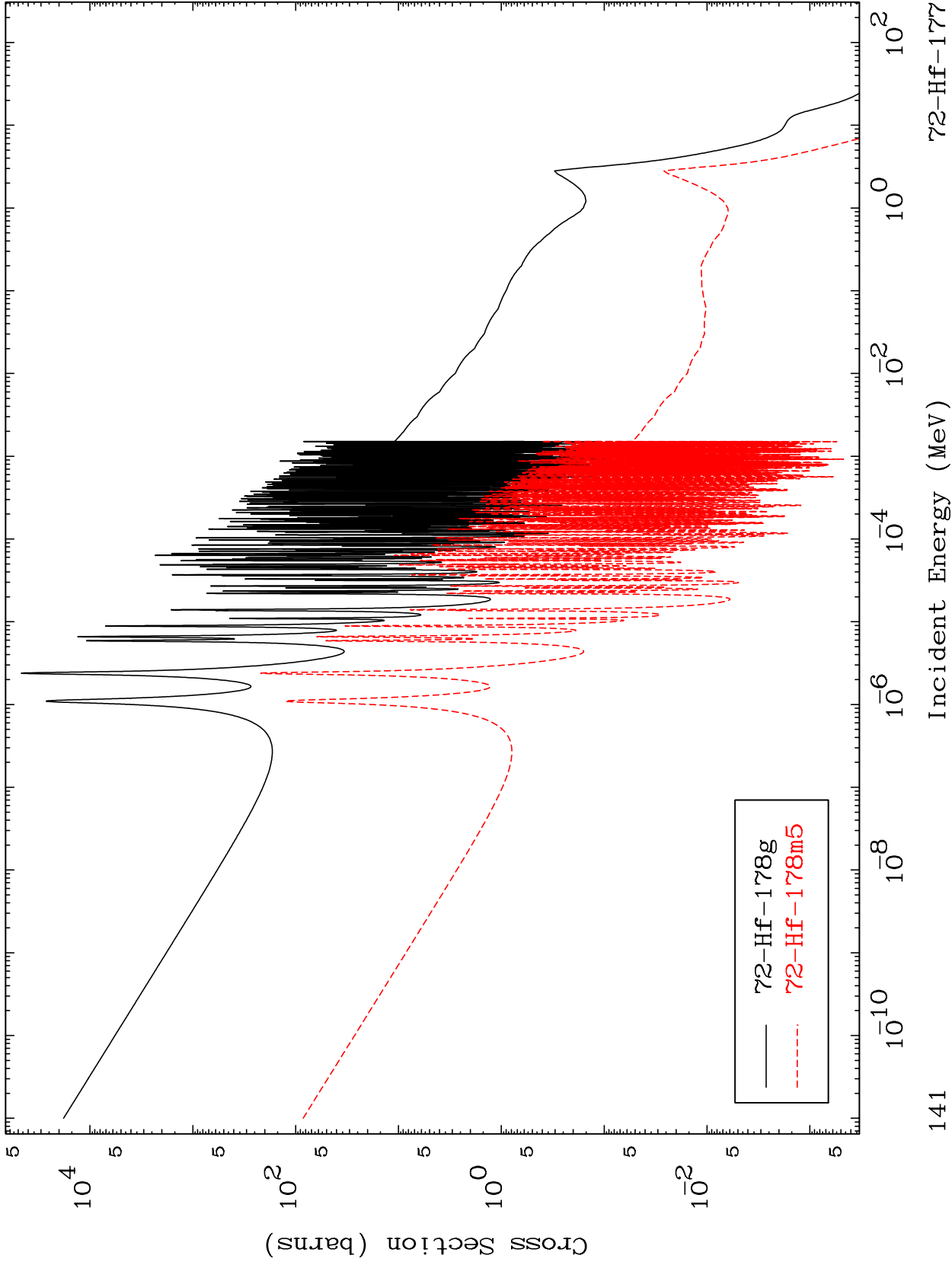
Incident Energy (MeV)

72-Hf-177

MAT 7234

72-Hf-177

(n, γ)
Radionuclide Production Cross Section

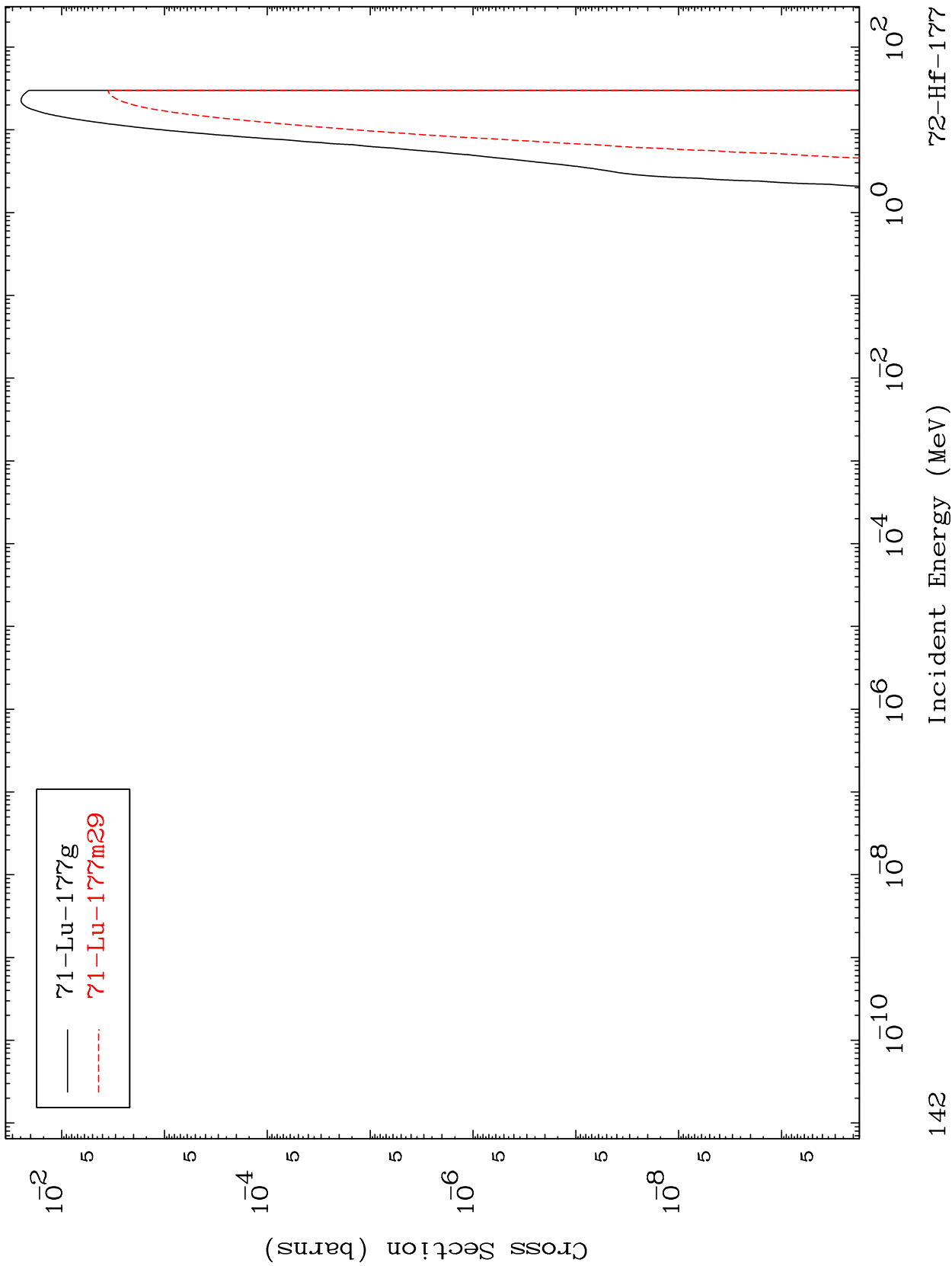


MAT 7234

(n,p)

72-Hf-177

Radionuclide Production Cross Section

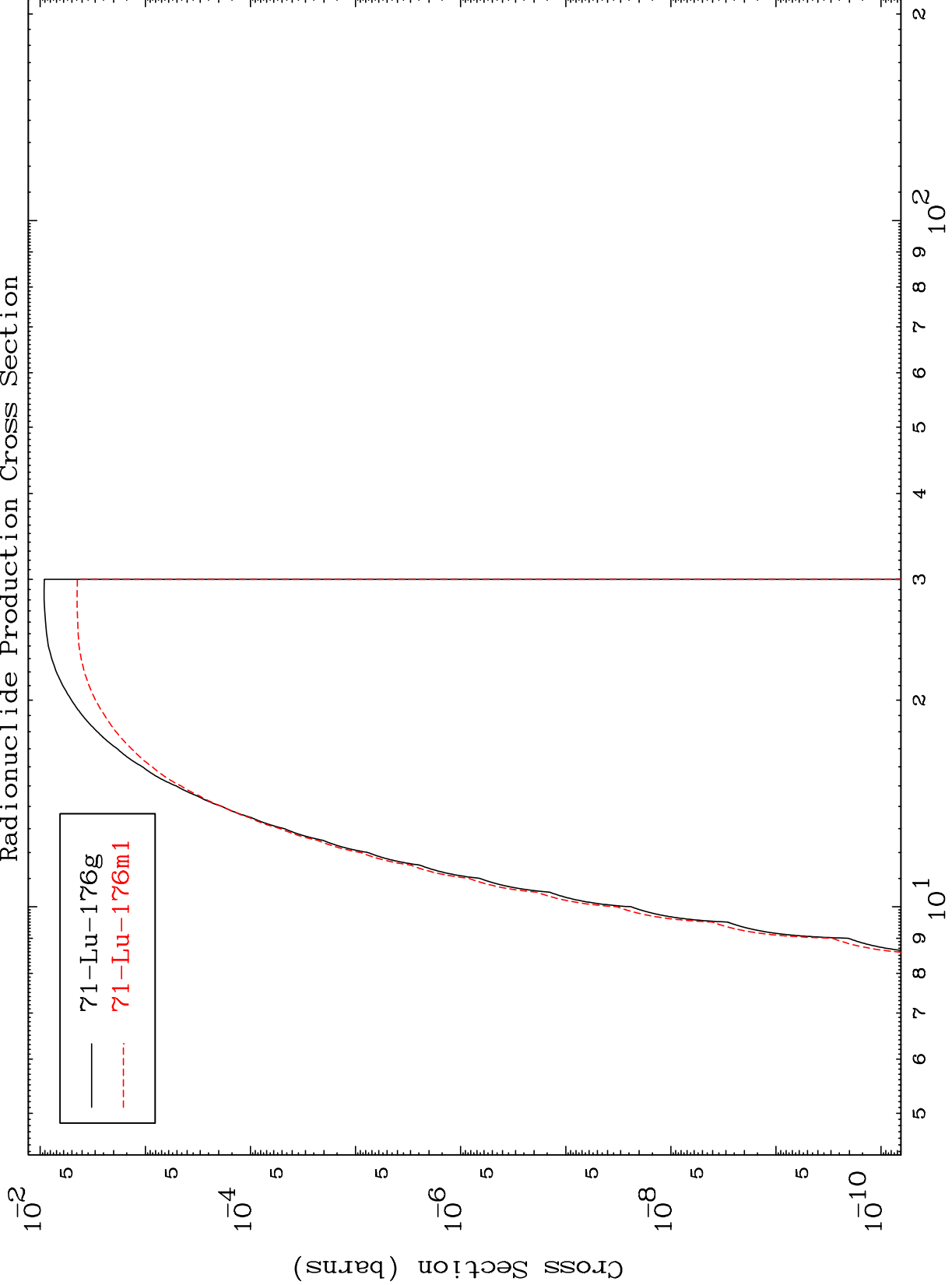


MAT 7234

(n, d)

72-Hf-177

Radionuclide Production Cross Section



143

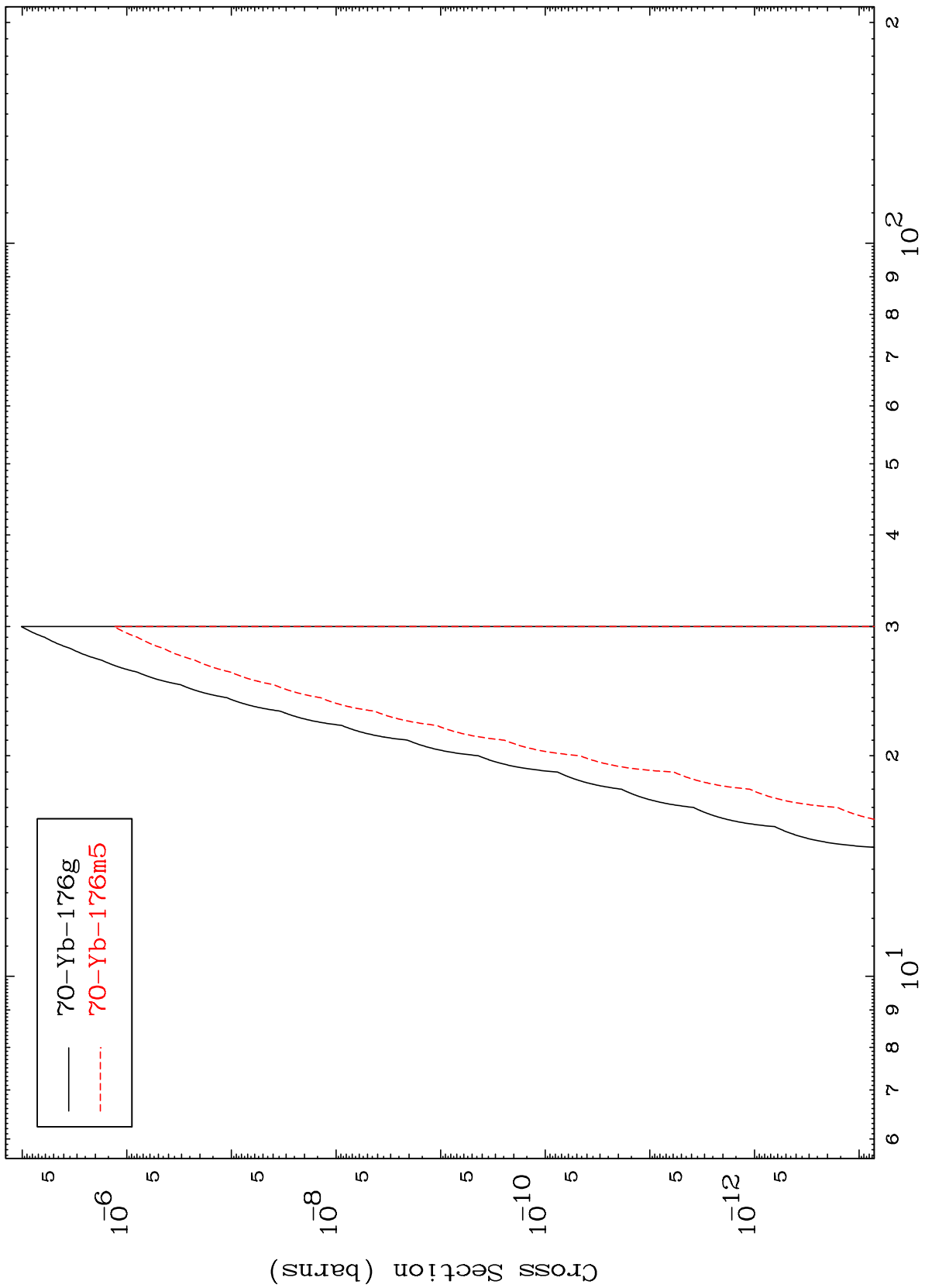
Incident Energy (MeV)

72-Hf-177

MAT 7234

72-Hf-177

Radionuclide Production Cross Section (n,2p)



— $^{70}\text{Yb-176g}$
- - - $^{70}\text{Yb-176m5}$

144

Incident Energy (MeV)

72-Hf-177