

Program EVALPLOT
(Version 2021-1)

by

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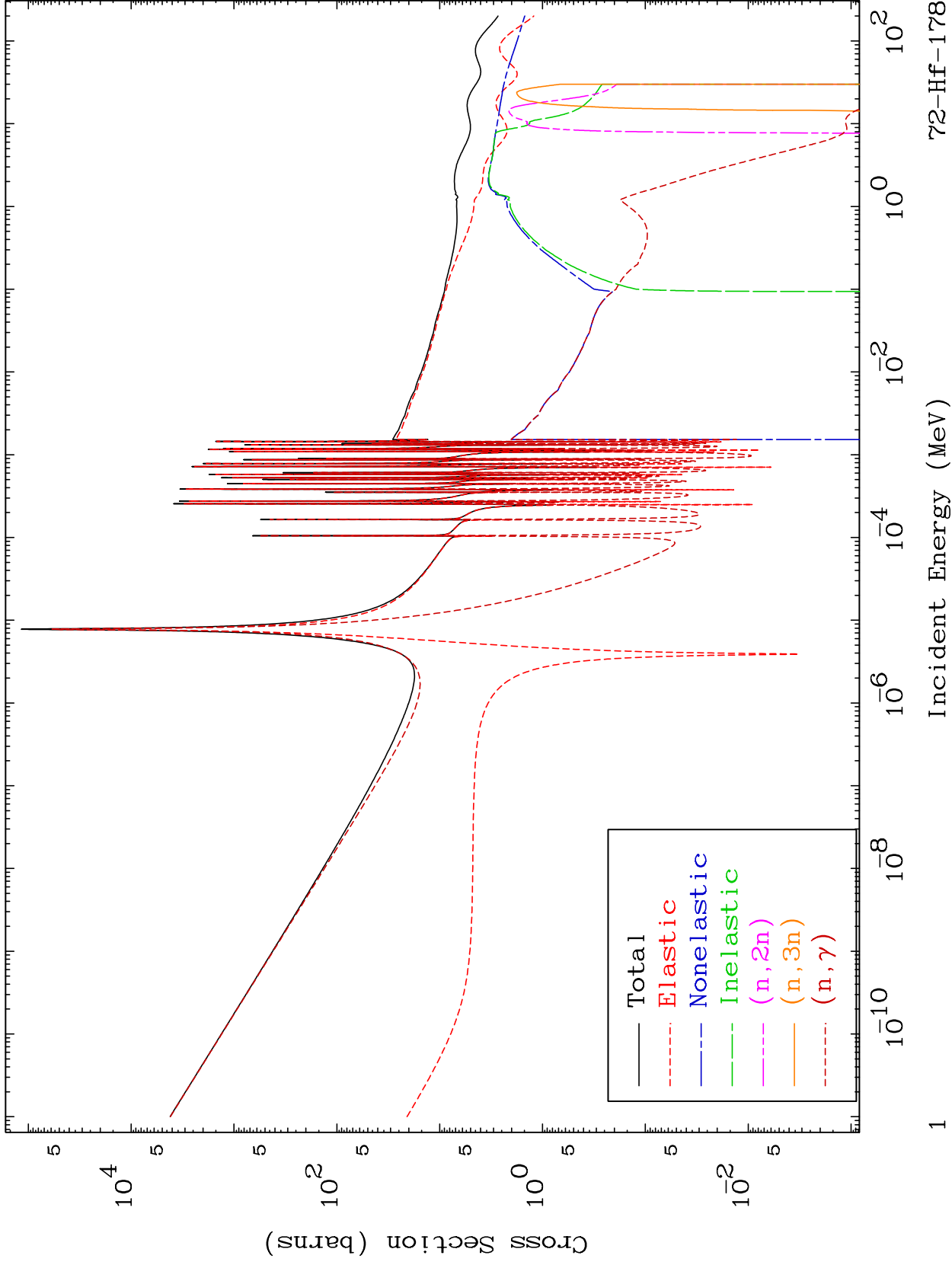
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7237

Neutron Major
293 Kelvin Cross Sections

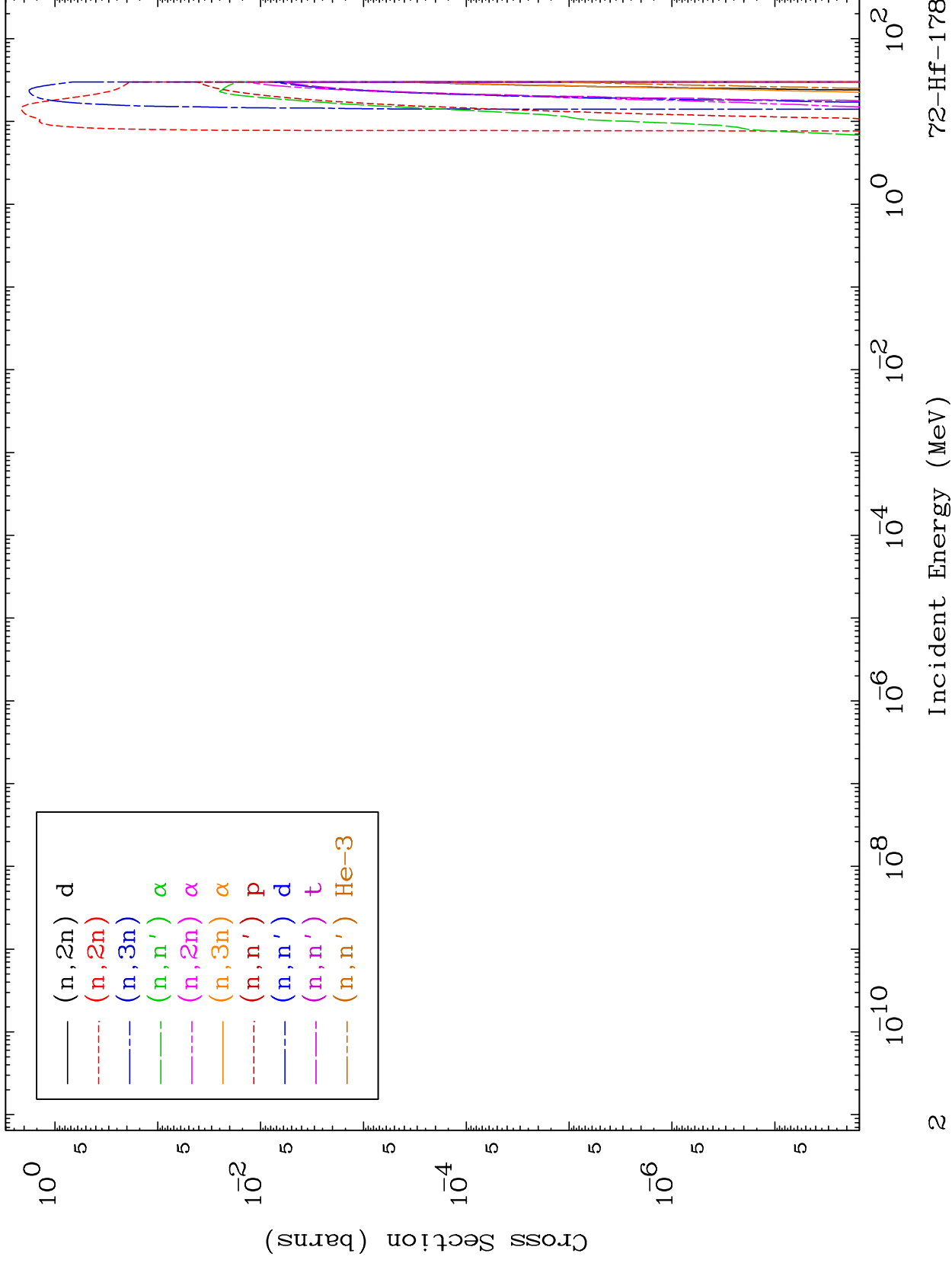
72-Hf-178



MAT 7237

Neutron Absorption
293 Kelvin Cross Sections

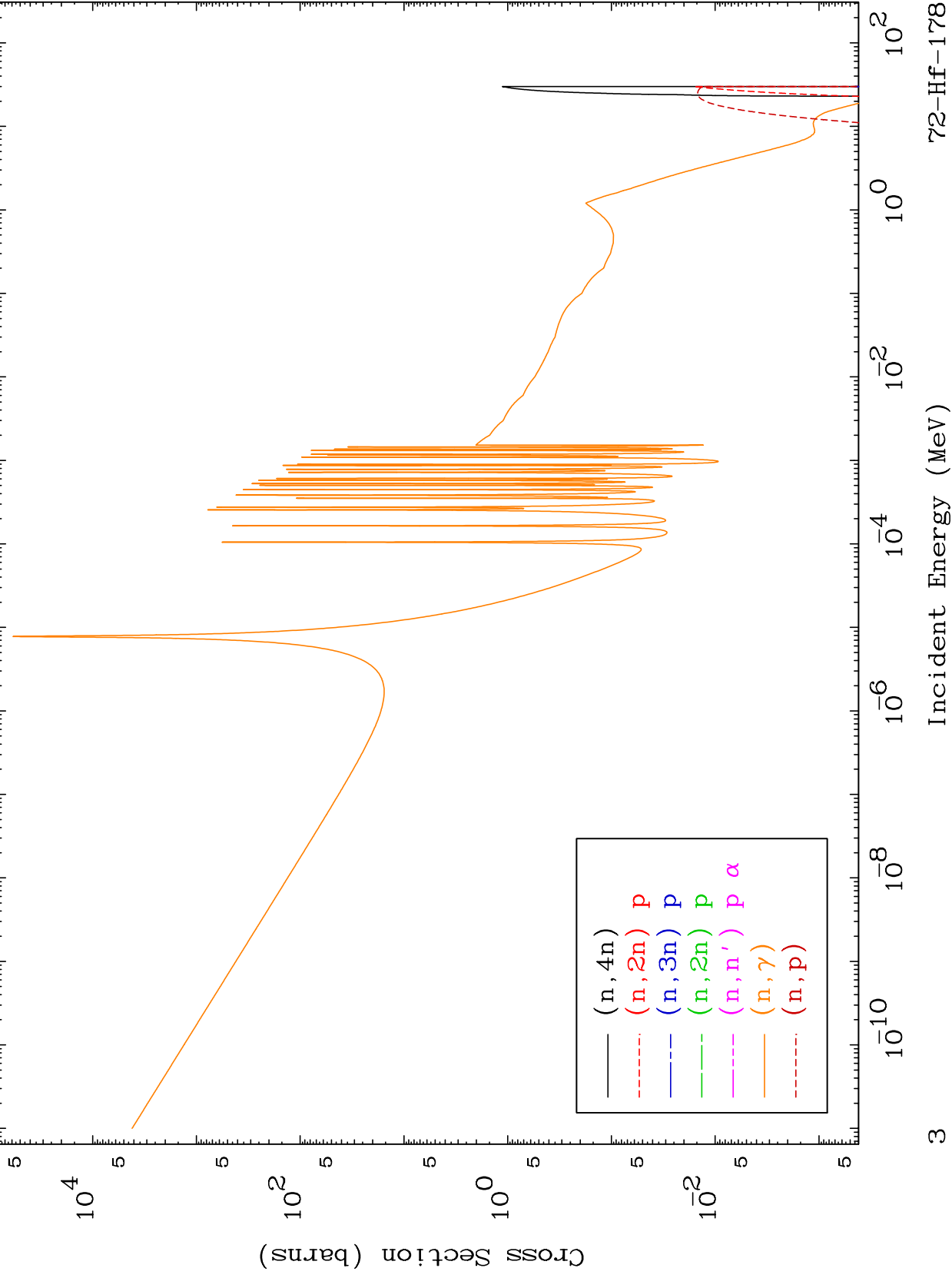
72-Hf-178



MAT 7237

Neutron Absorption
293 Kelvin Cross Sections

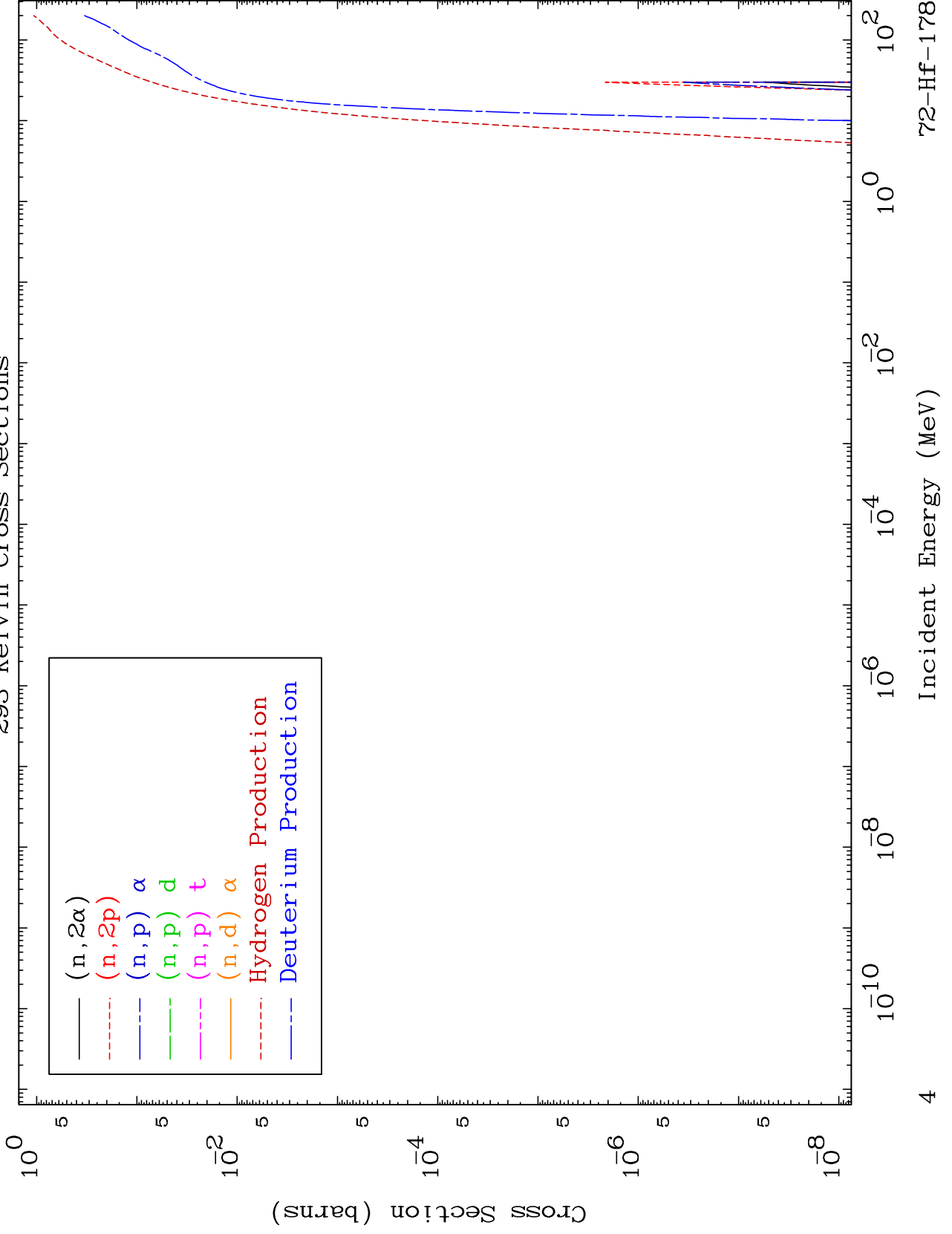
72-Hf-178



MAT 7237

Neutron Absorption
293 Kelvin Cross Sections

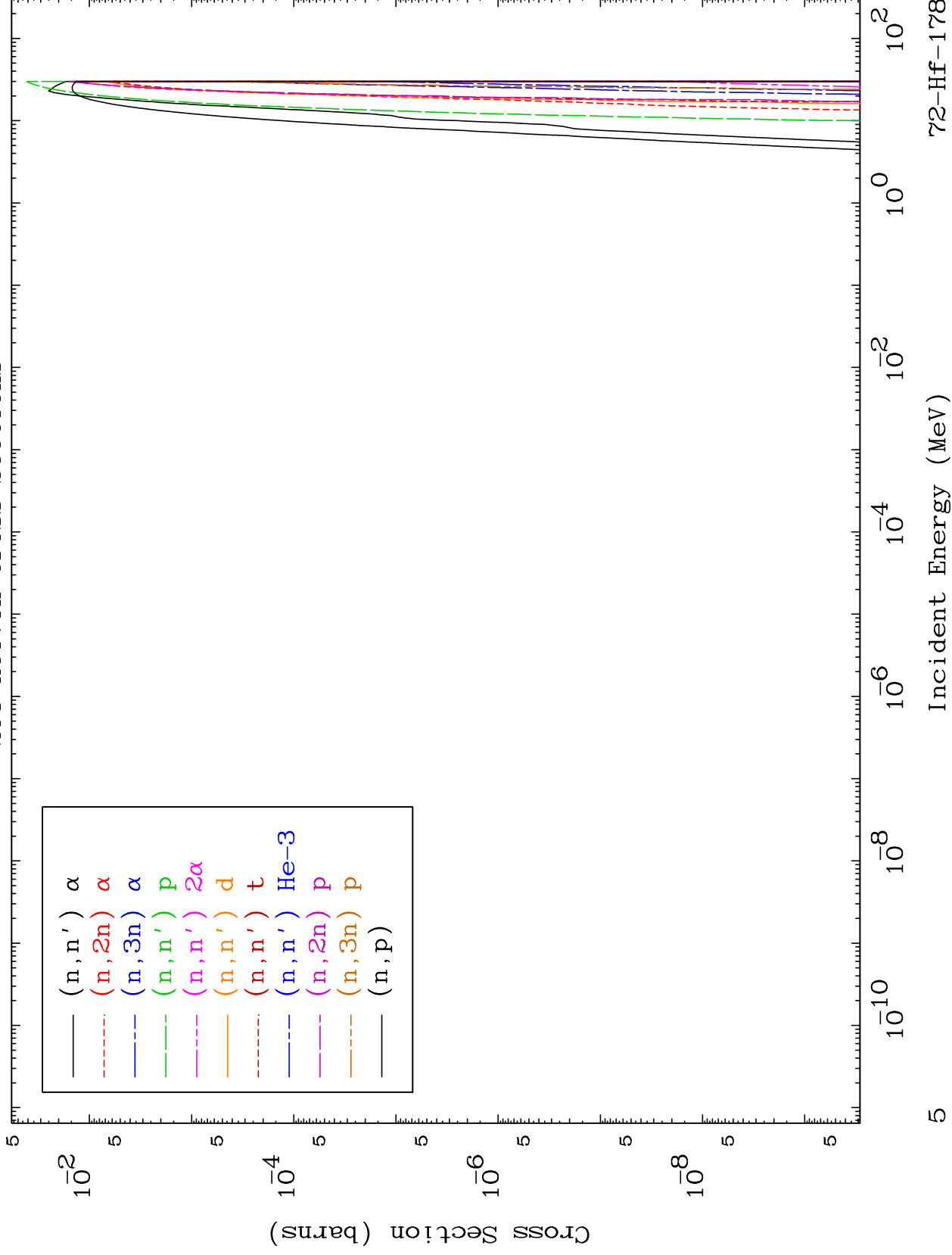
72-Hf-178



MAT 7237

Charged Particle
293 Kelvin Cross Sections

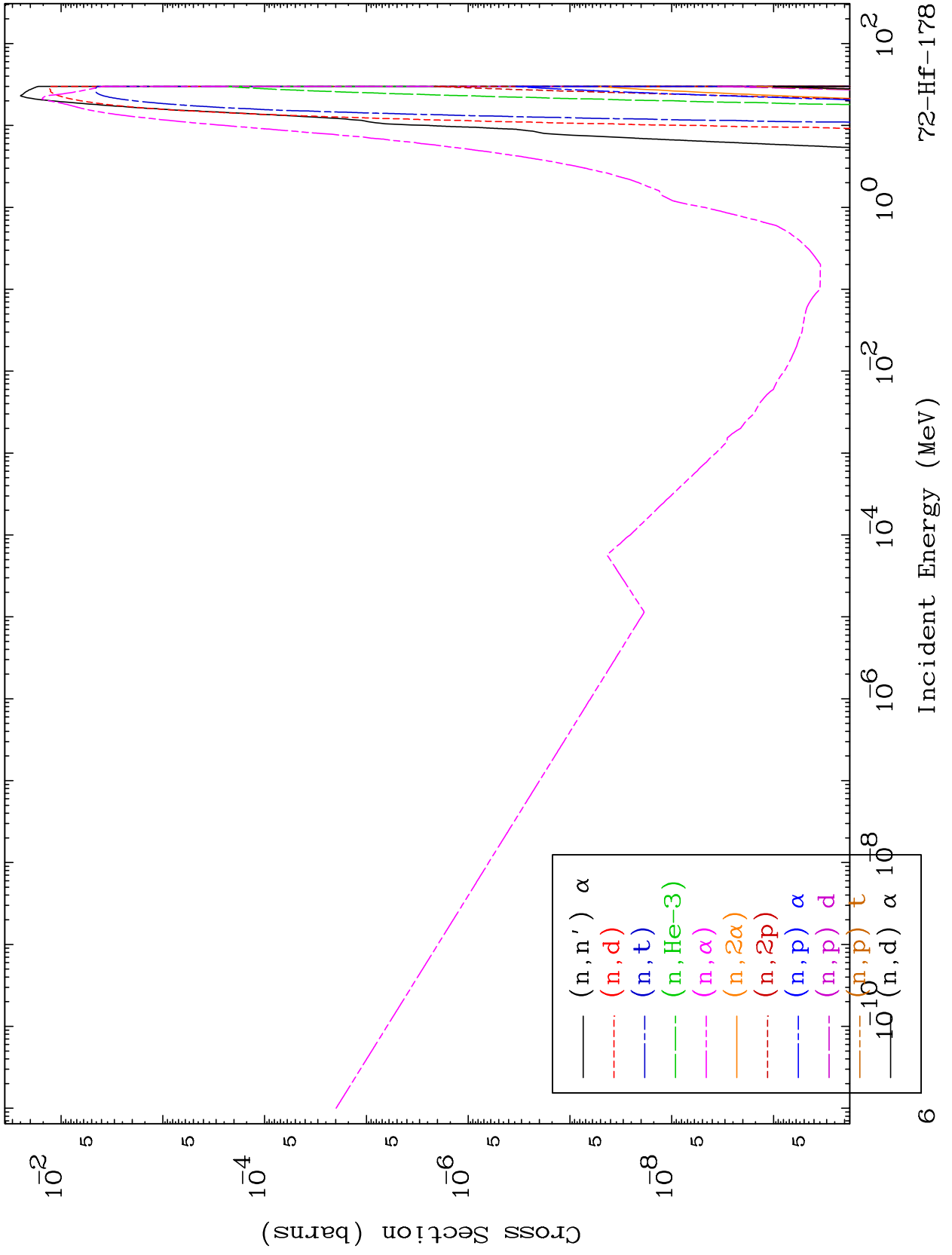
72-Hf-178



MAT 7237

Charged Particle
293 Kelvin Cross Sections

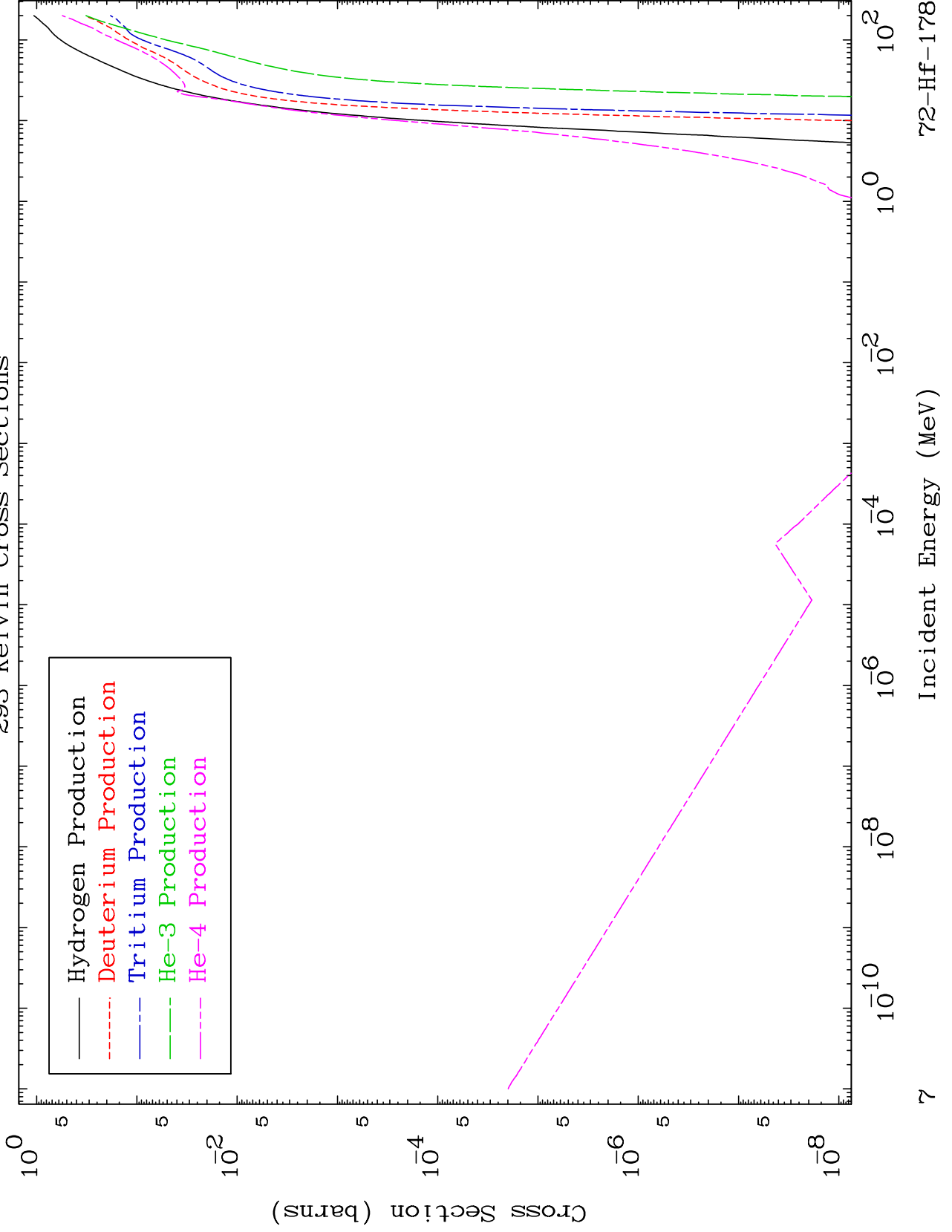
72-Hf-178



MAT 7237

Particle Production
293 Kelvin Cross Sections

72-Hf-178

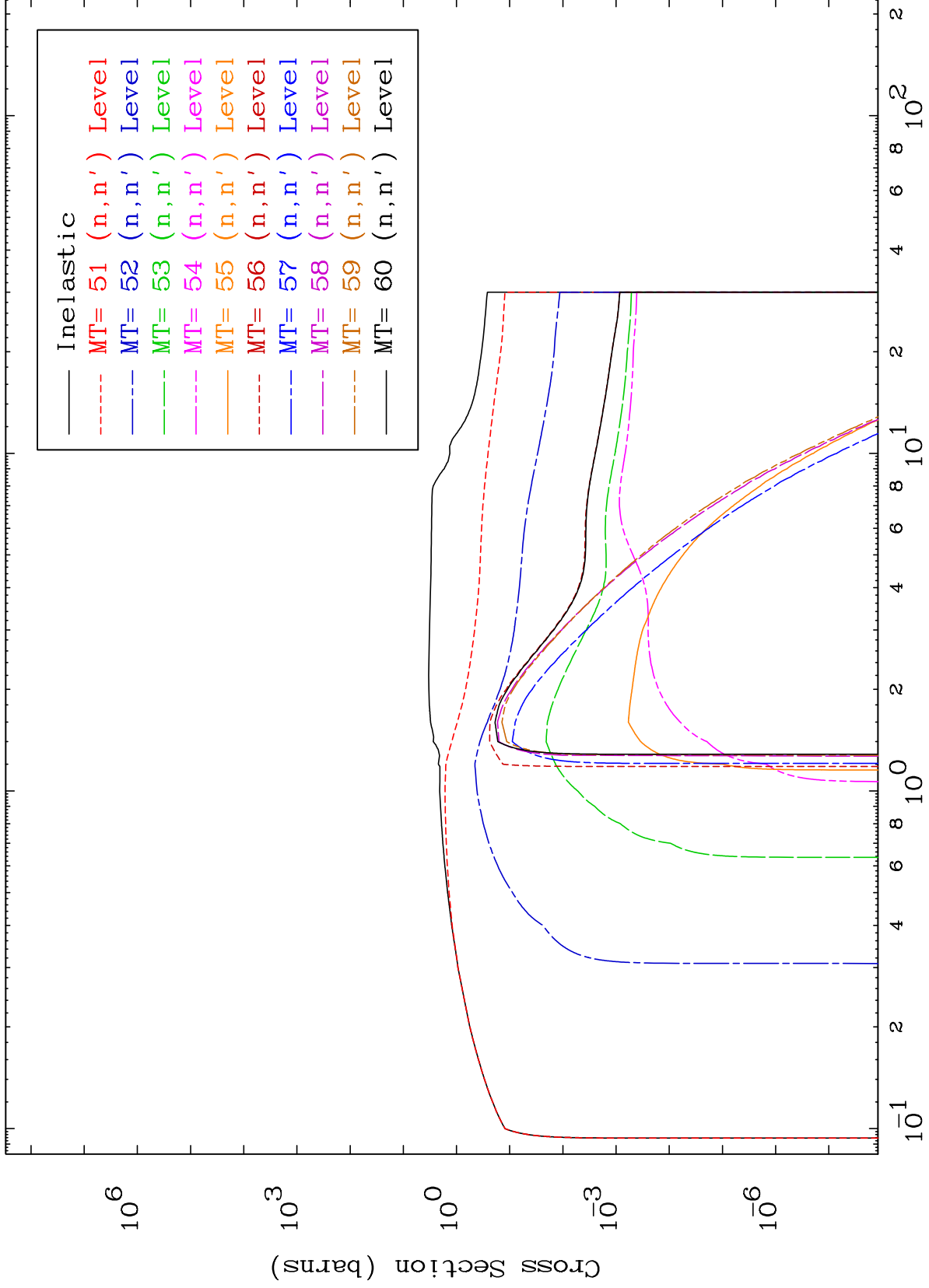


MAT 7237

(n,n') Levels

72-Hf-178

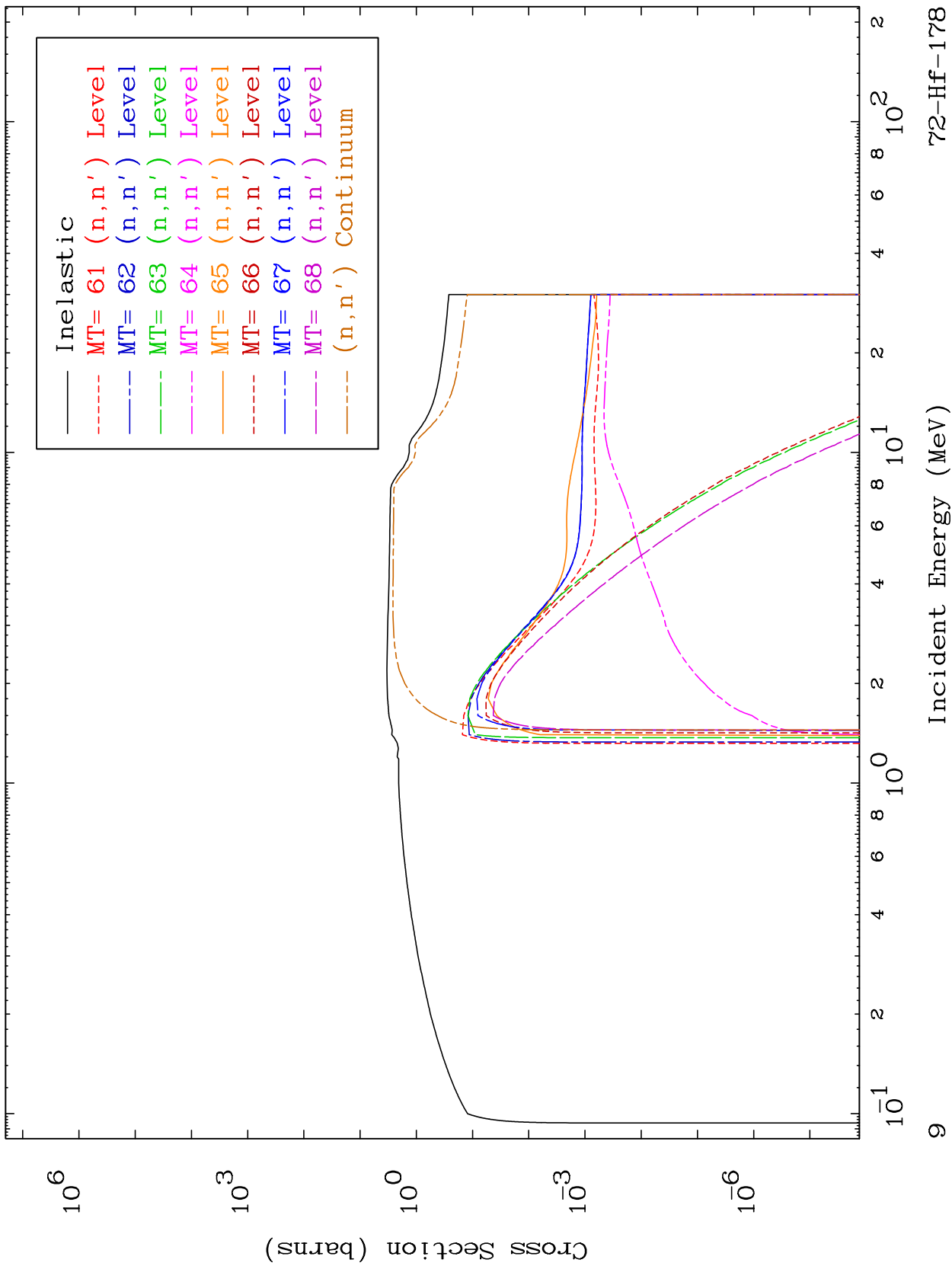
293 Kelvin Cross Sections



Incident Energy (MeV)

72-Hf-178

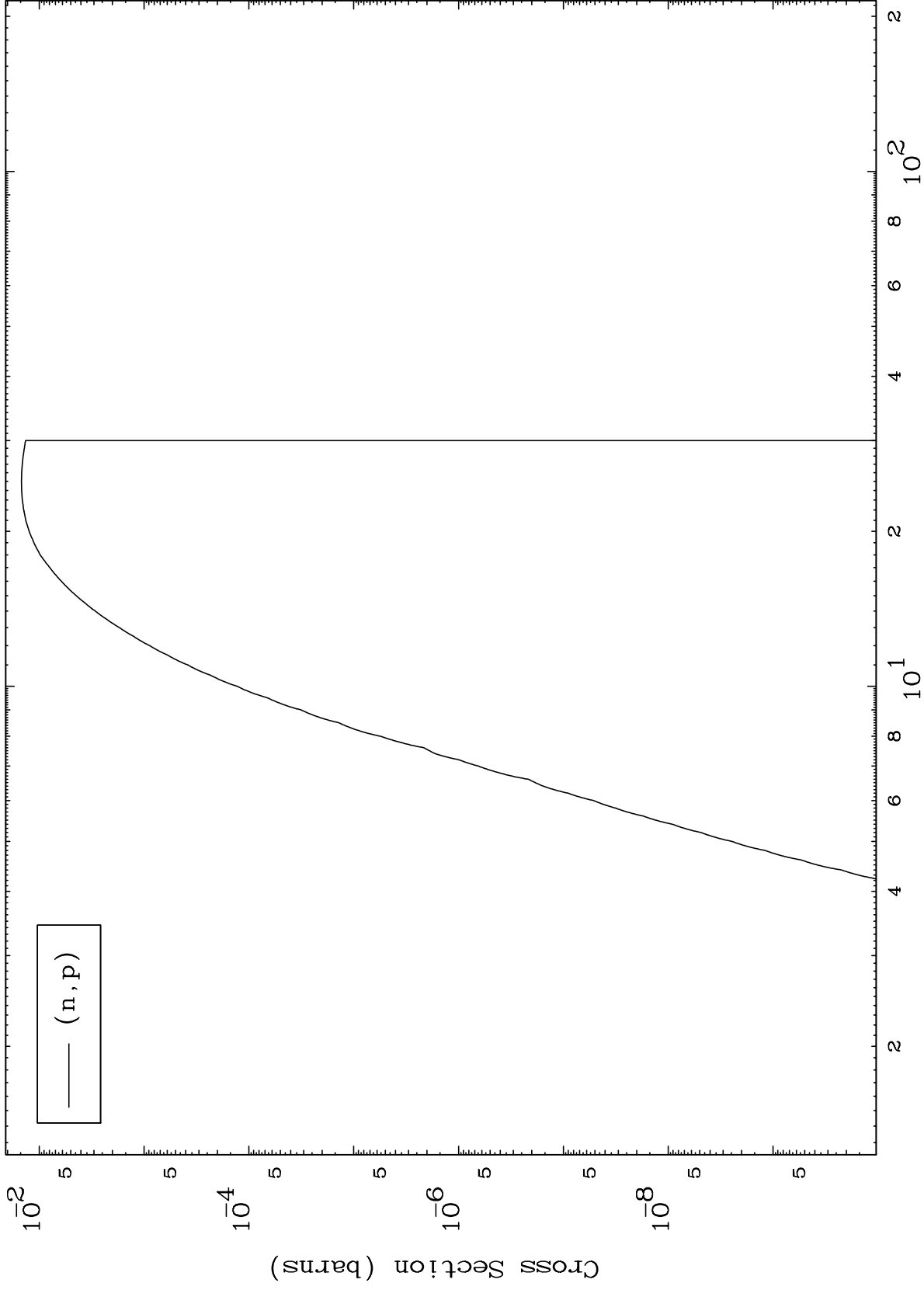
8



MAT 7237

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-178



10

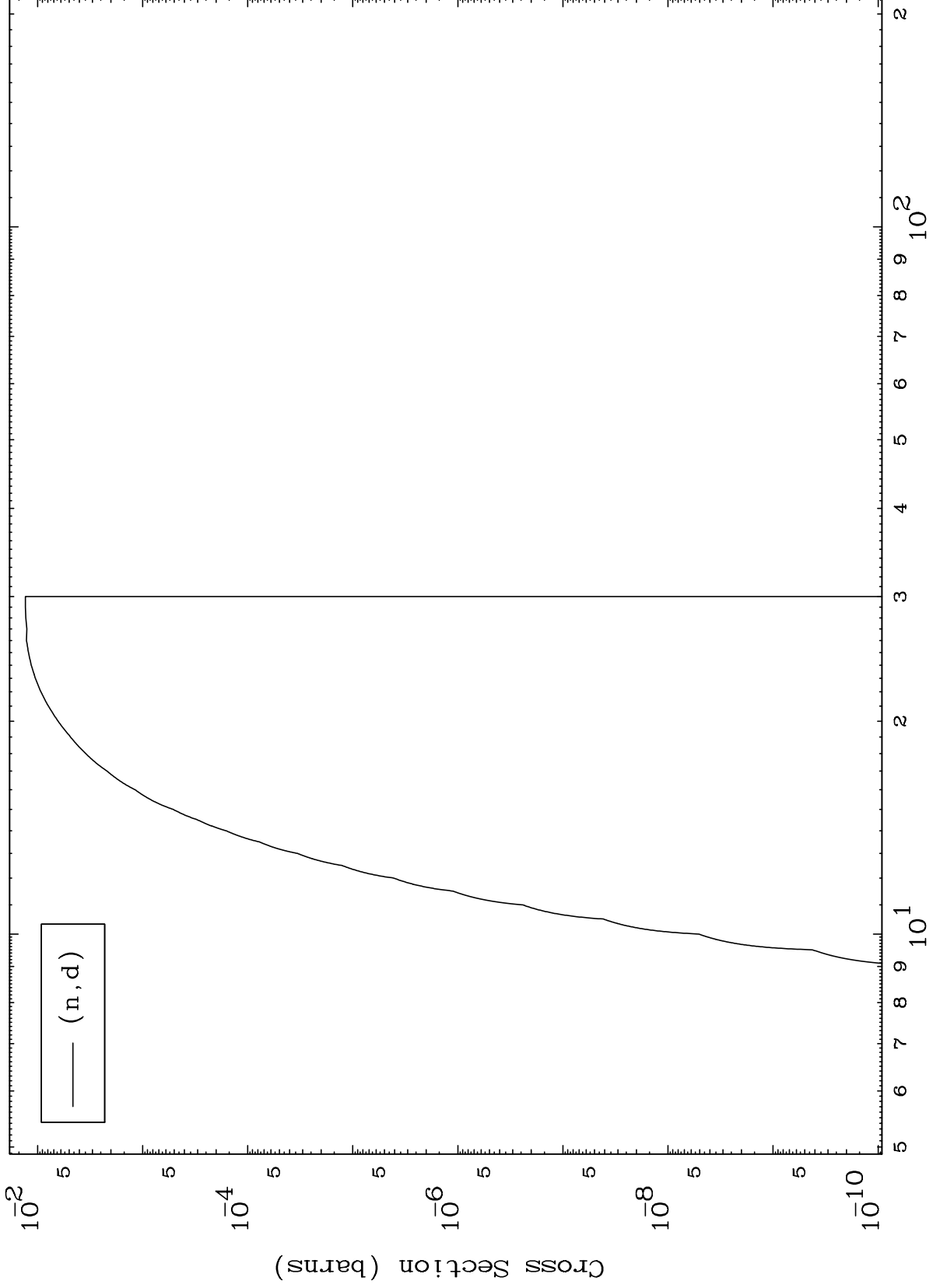
Incident Energy (MeV)

72-Hf-178

MAT 7237

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-178



11

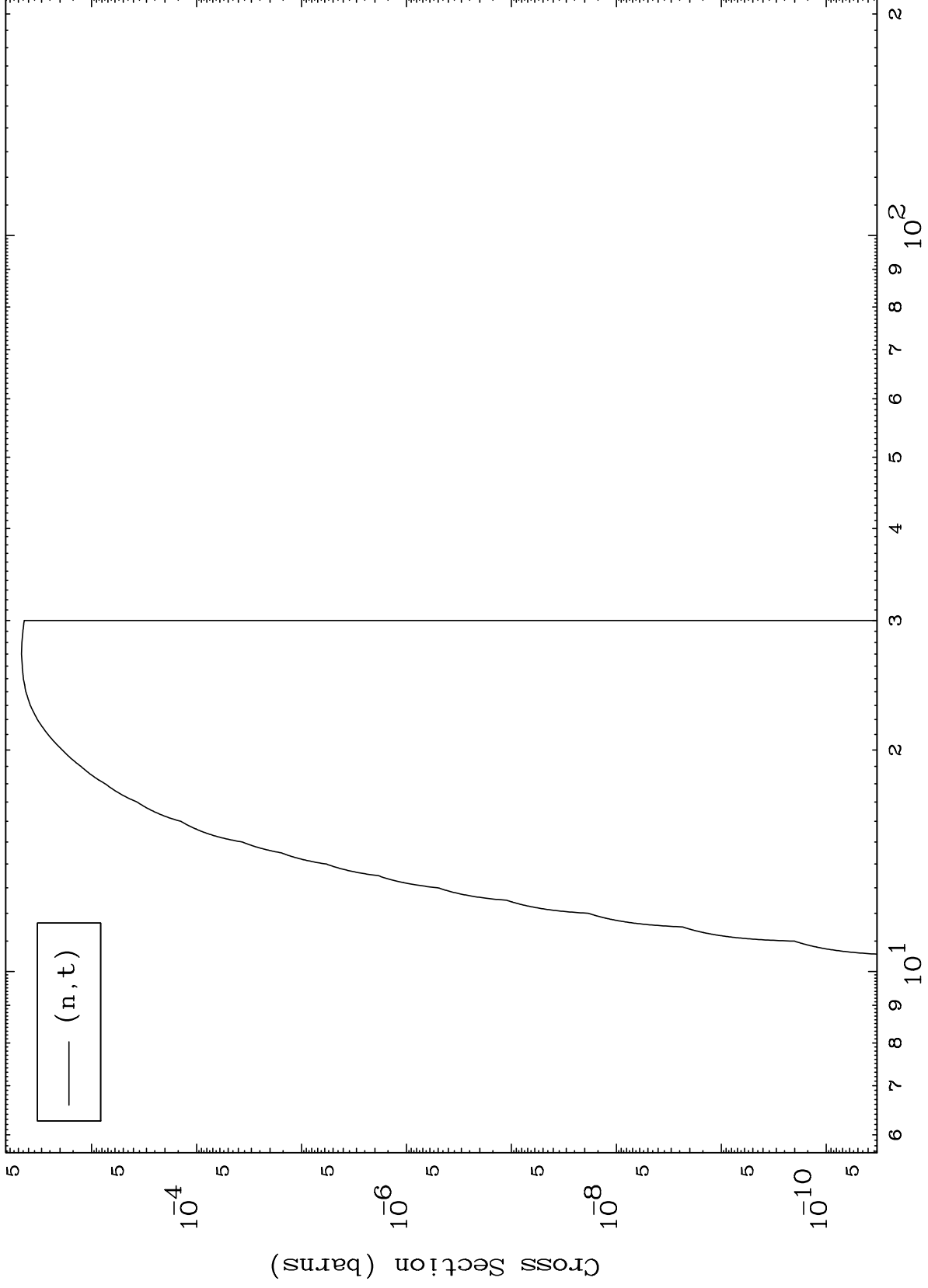
Incident Energy (MeV)

72-Hf-178

MAT 7237

(n, t) Levels
293 Kelvin Cross Sections

72-Hf-178



12

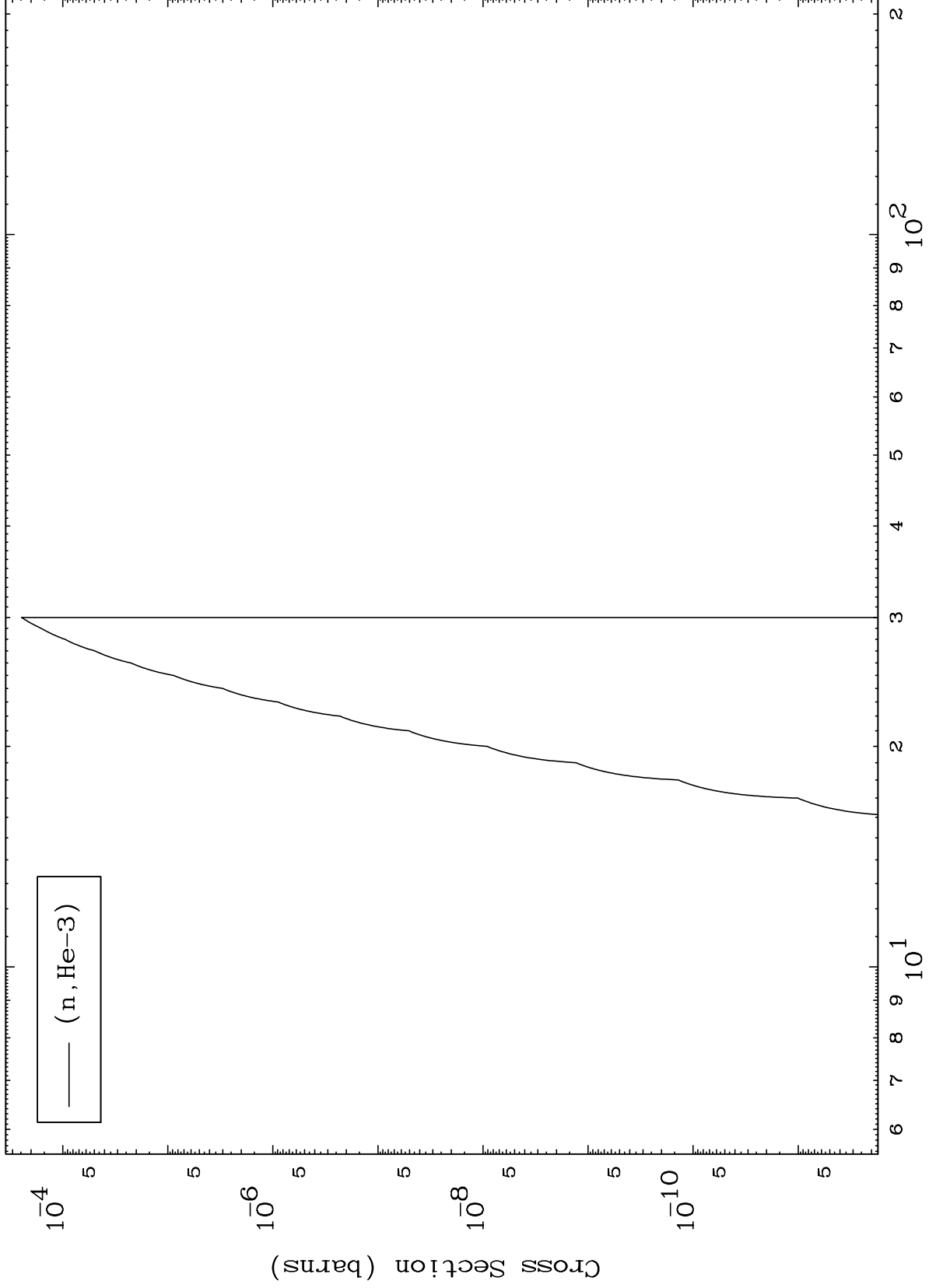
Incident Energy (MeV)

72-Hf-178

MAT 7237

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-178



13

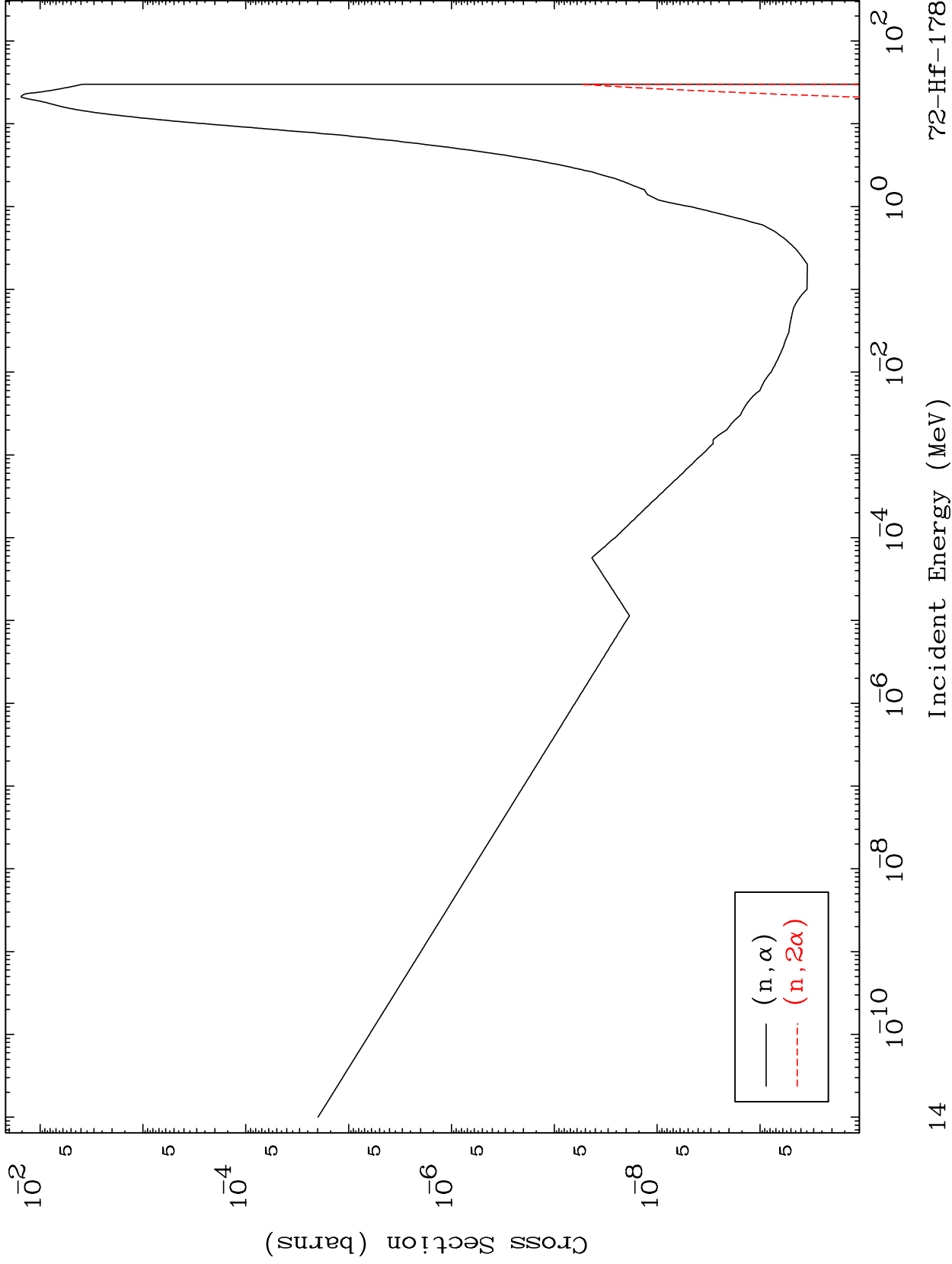
Incident Energy (MeV)

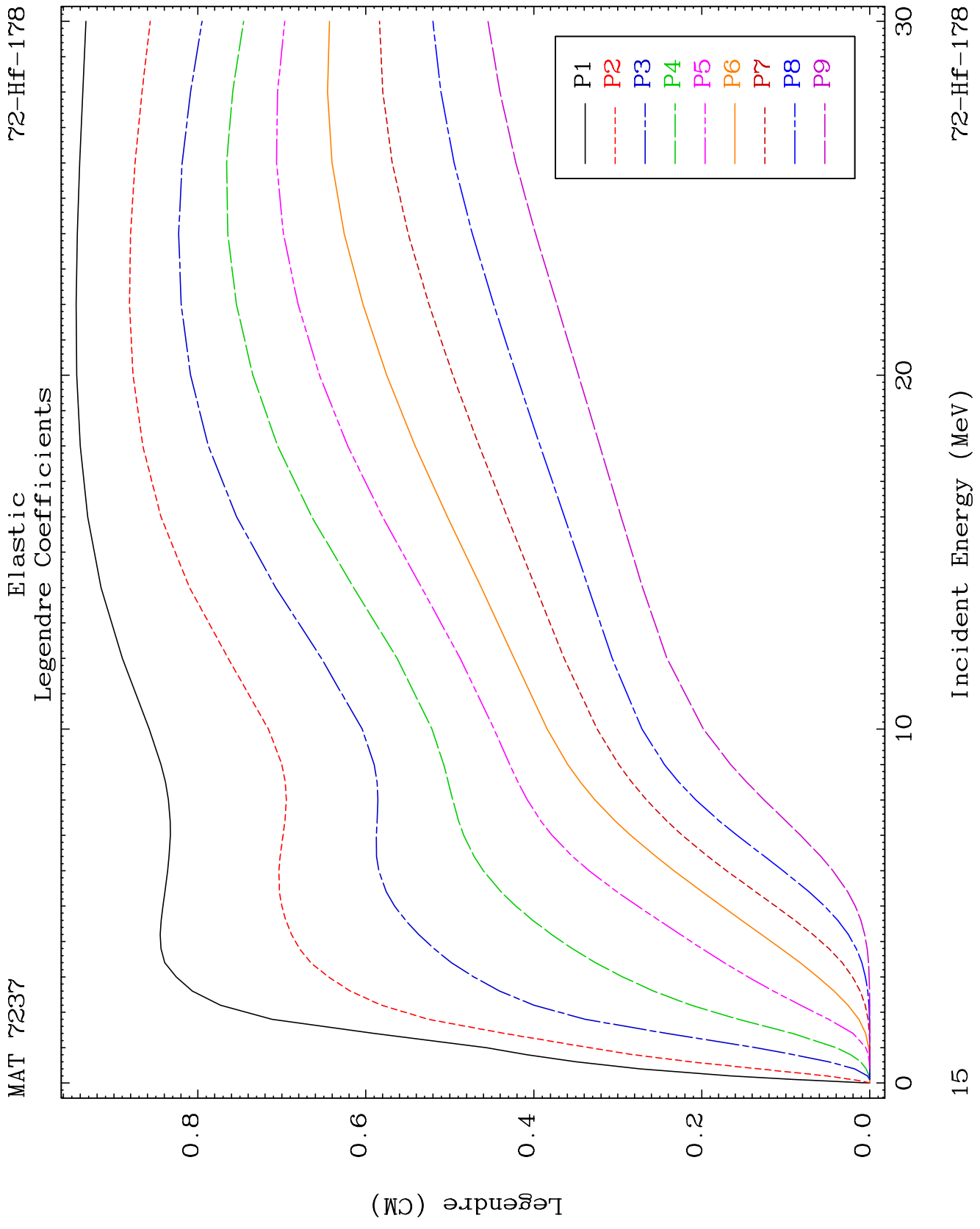
72-Hf-178

MAT 7237

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-178

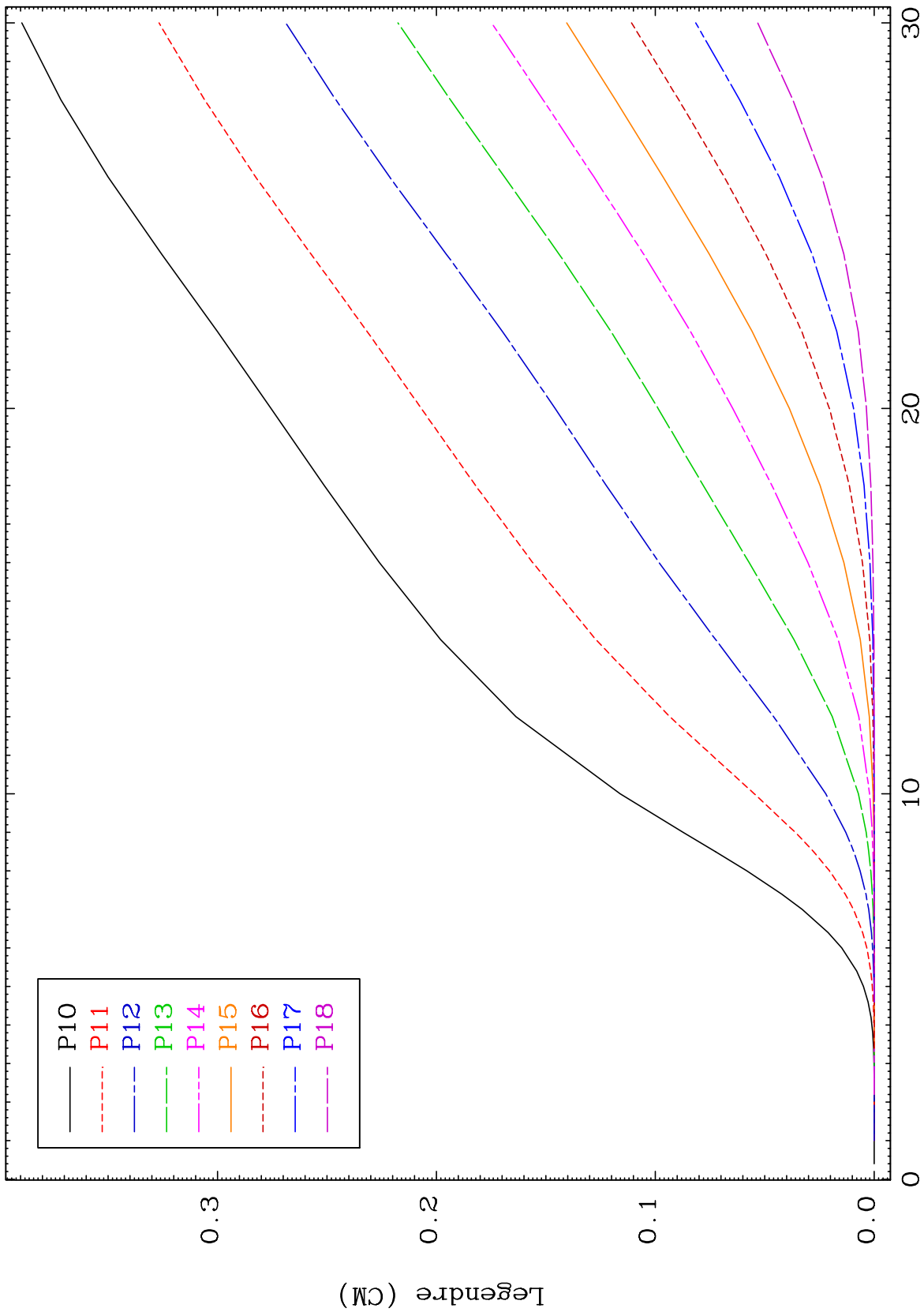




MAT 7237

Elastic Legendre Coefficients

72-Hf-178



16

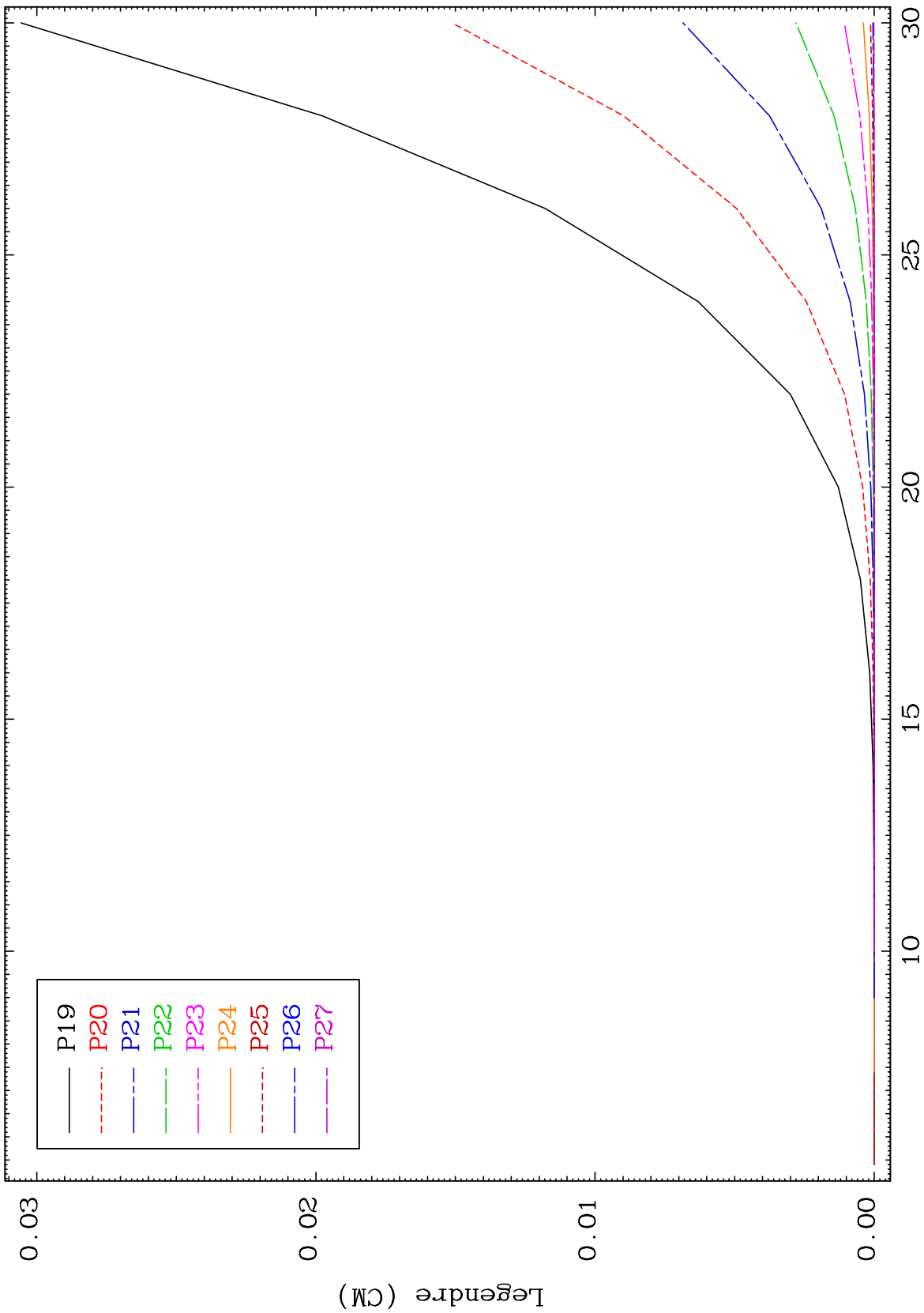
Incident Energy (MeV)

72-Hf-178

MAT 7237

Elastic
Legendre Coefficients

72-Hf-178



17

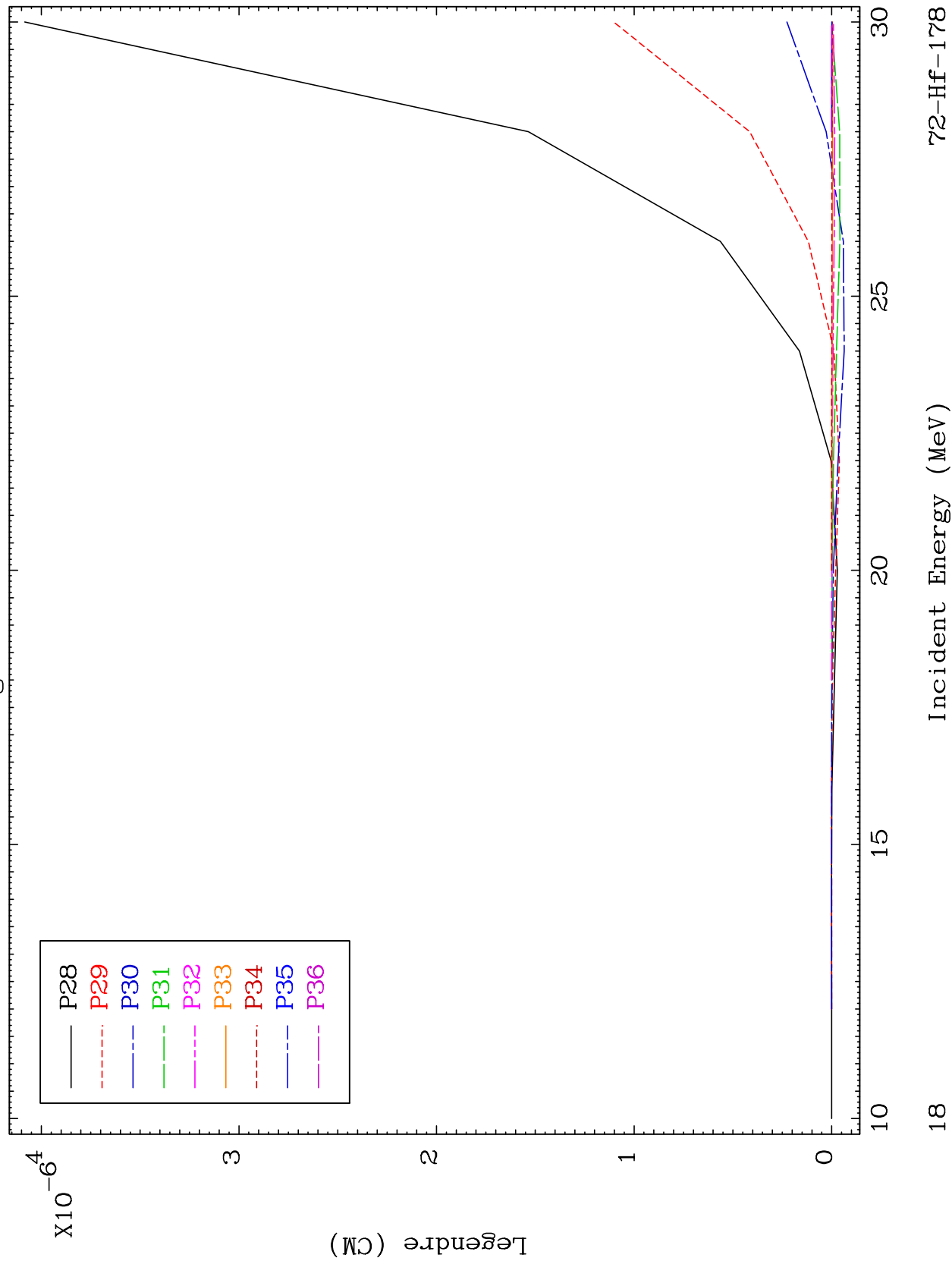
Incident Energy (MeV)

72-Hf-178

MAT 7237

Elastic Legendre Coefficients

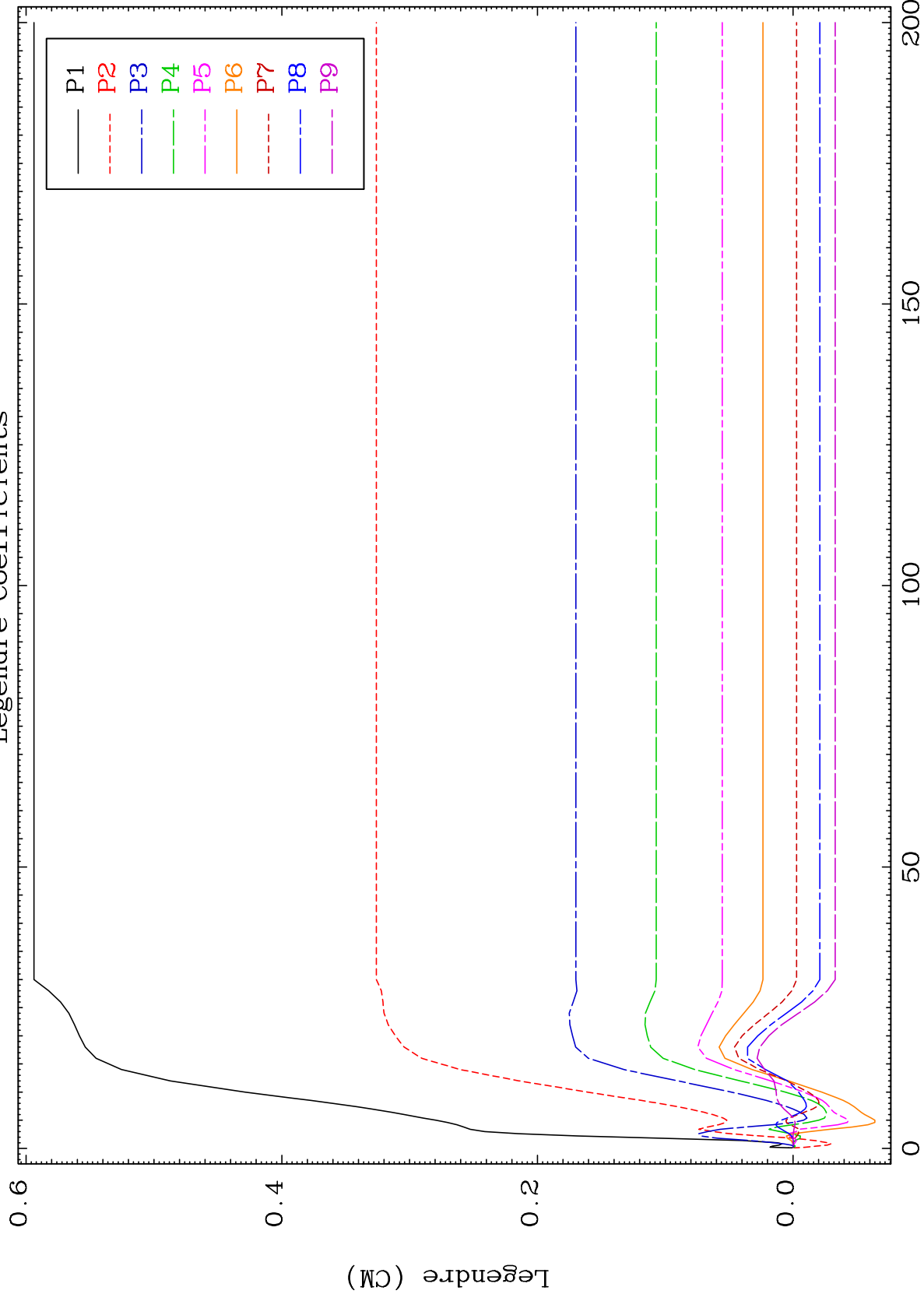
72-Hf-178



MAT 7237

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

72-Hf-178



19

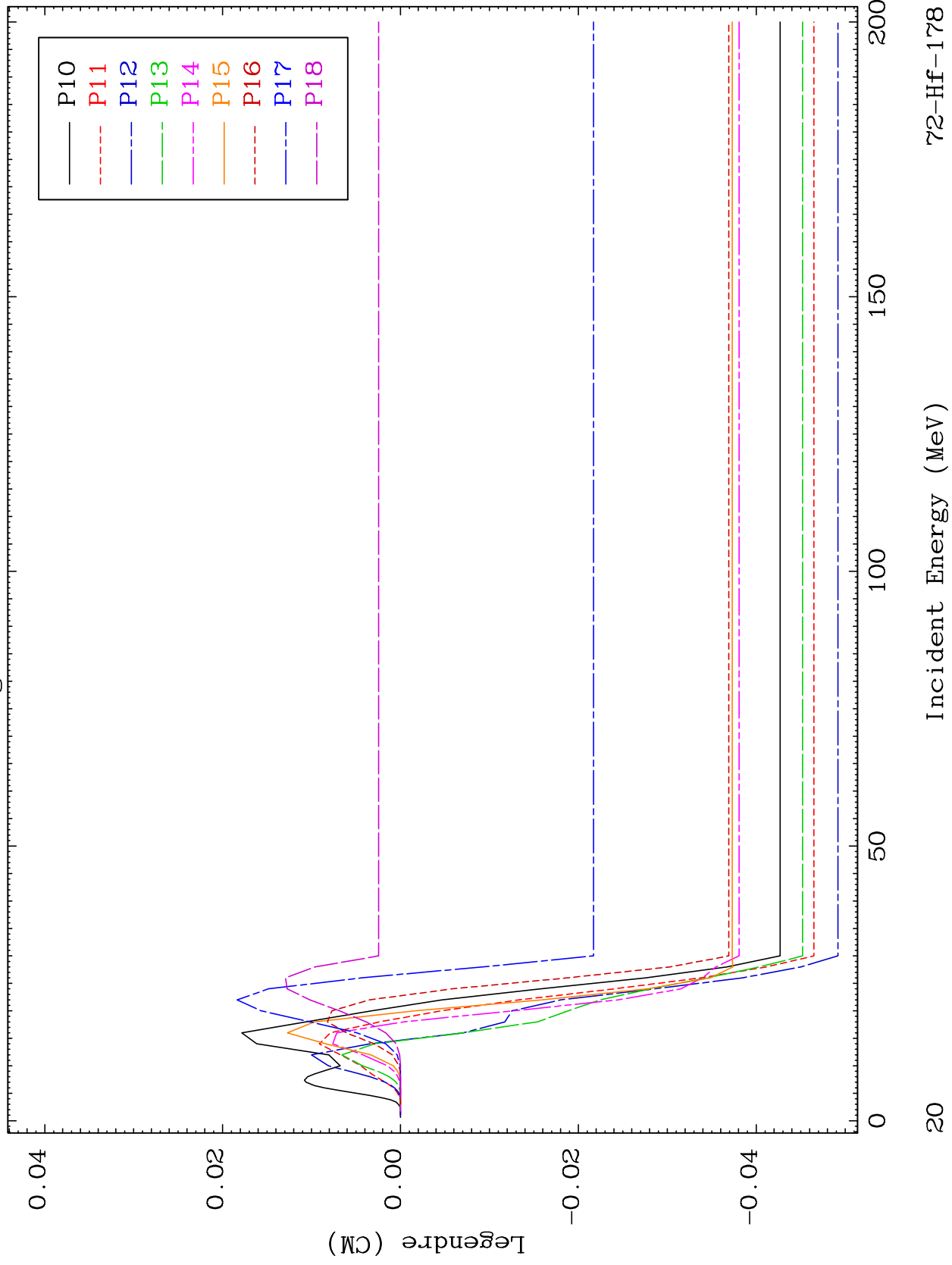
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178

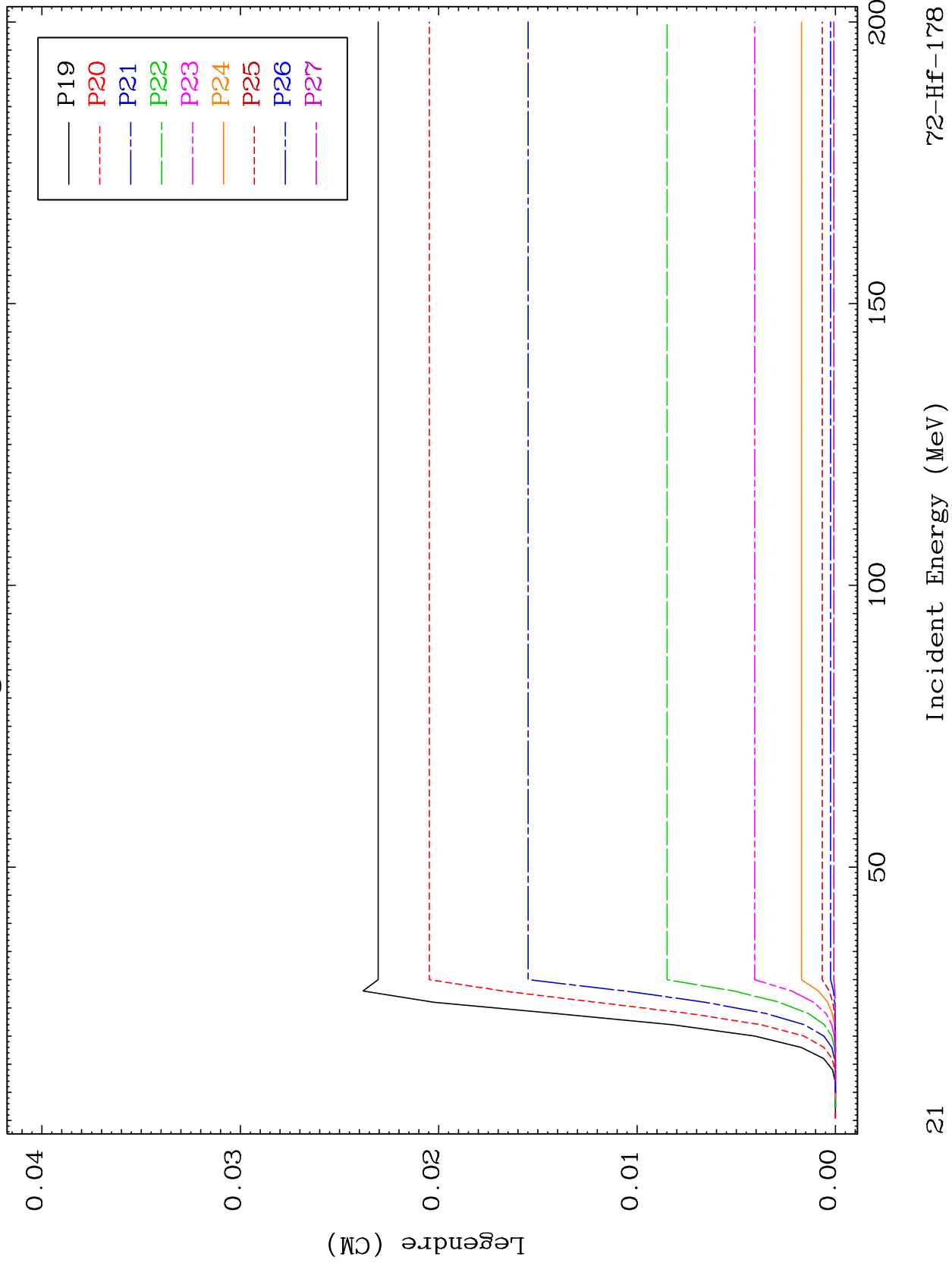


72-Hf-178

MAT 7237

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

72-Hf-178



21

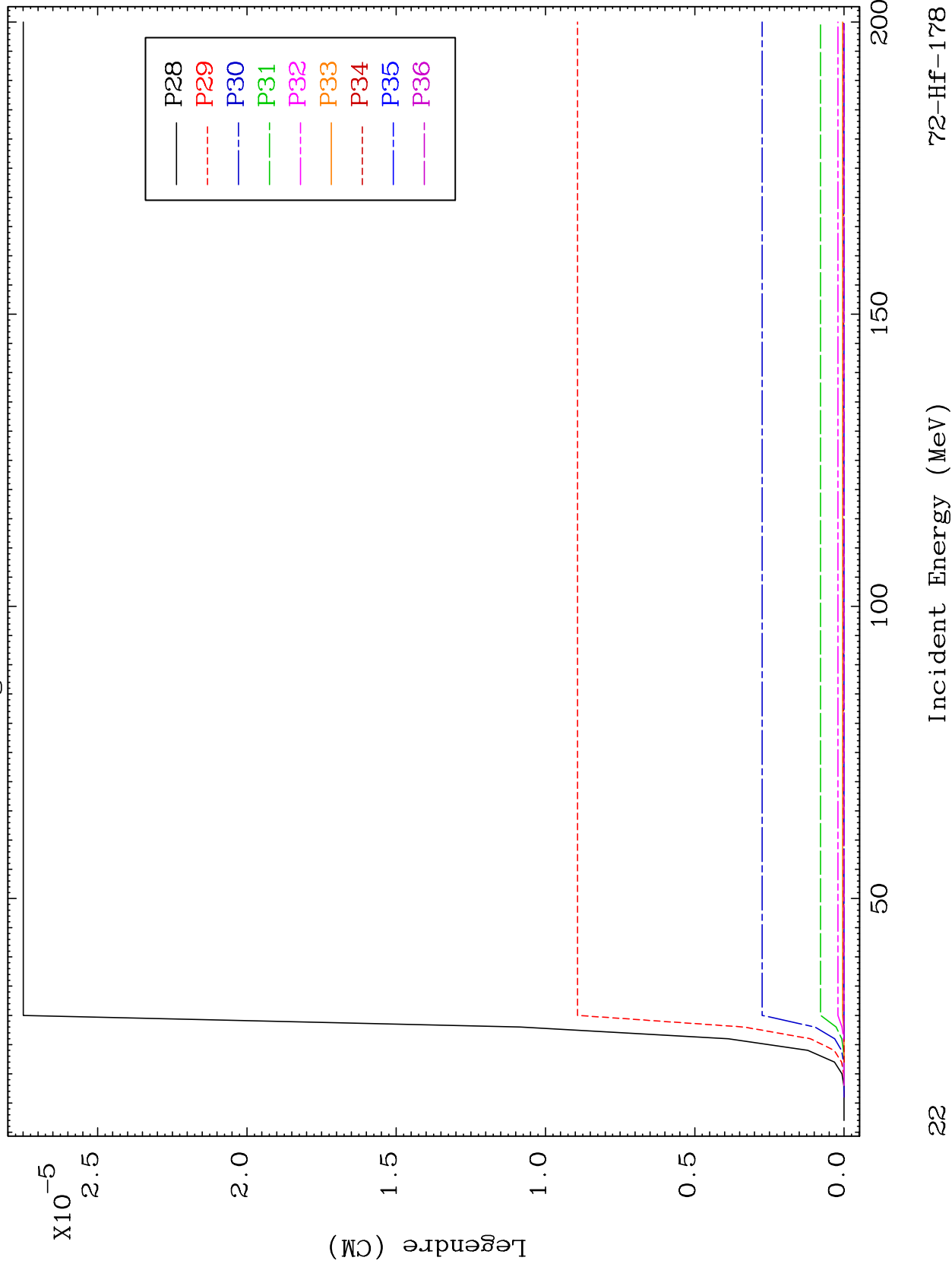
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178

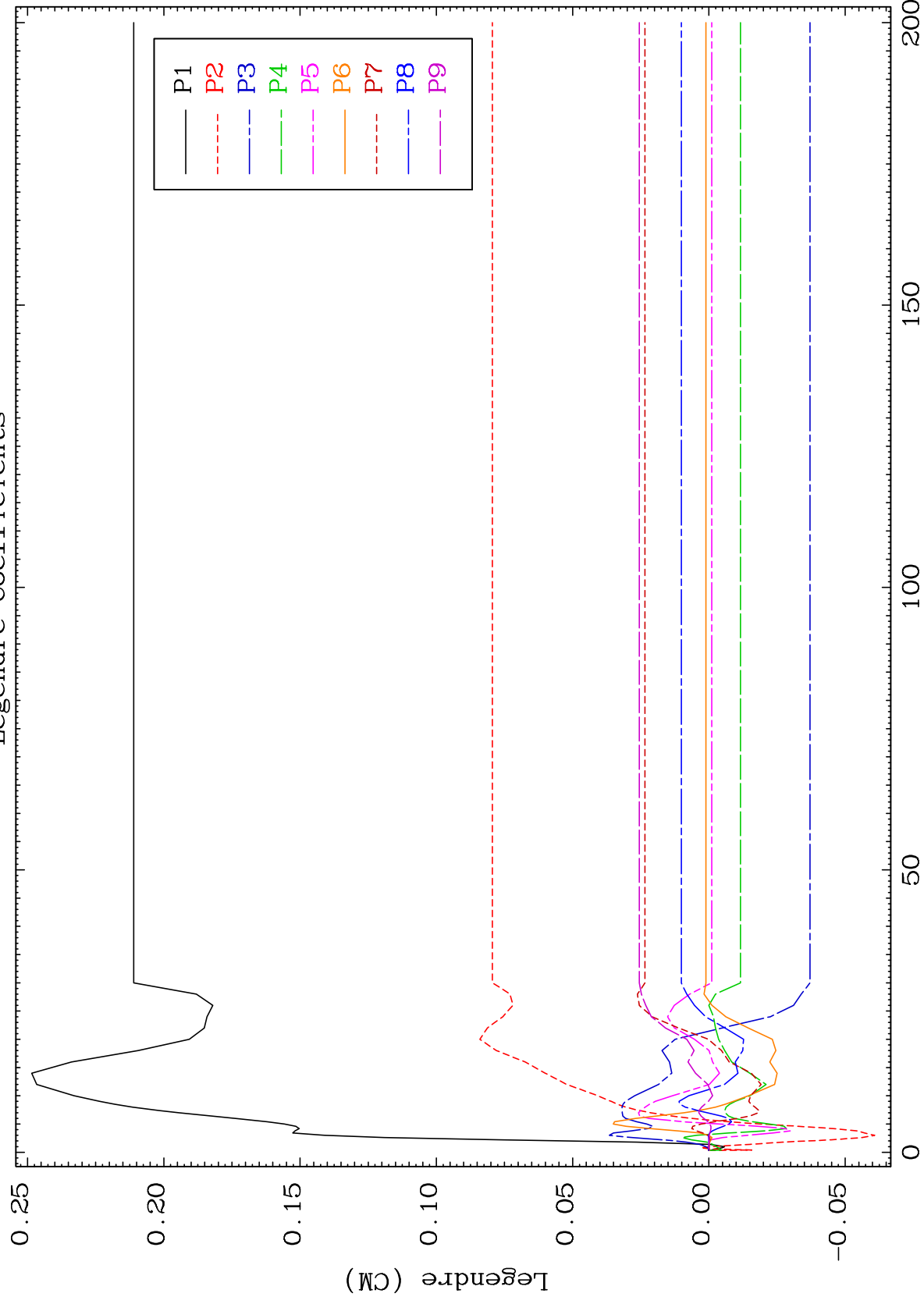


22

MAT 7237

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

72-Hf-178



23

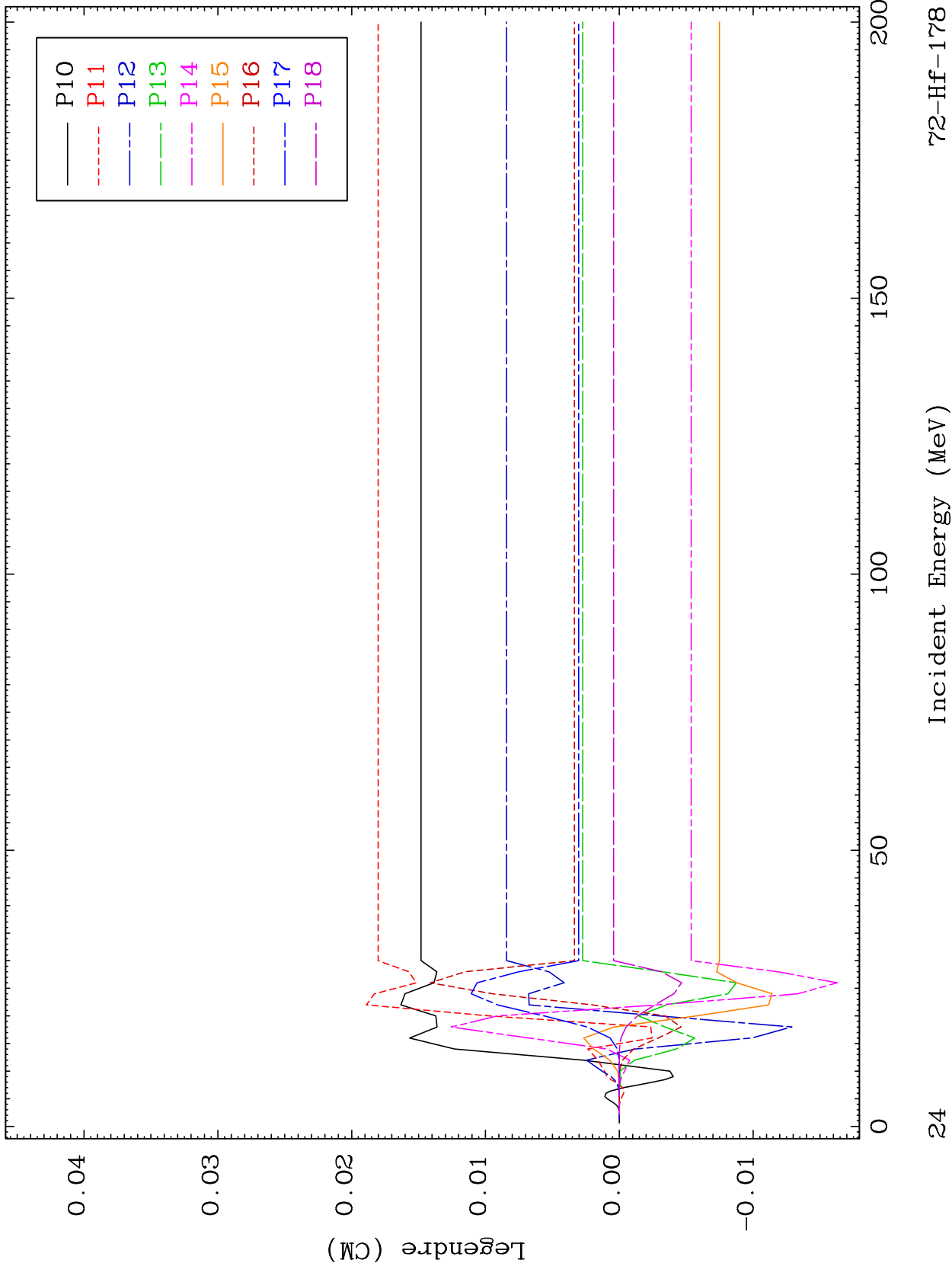
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



24

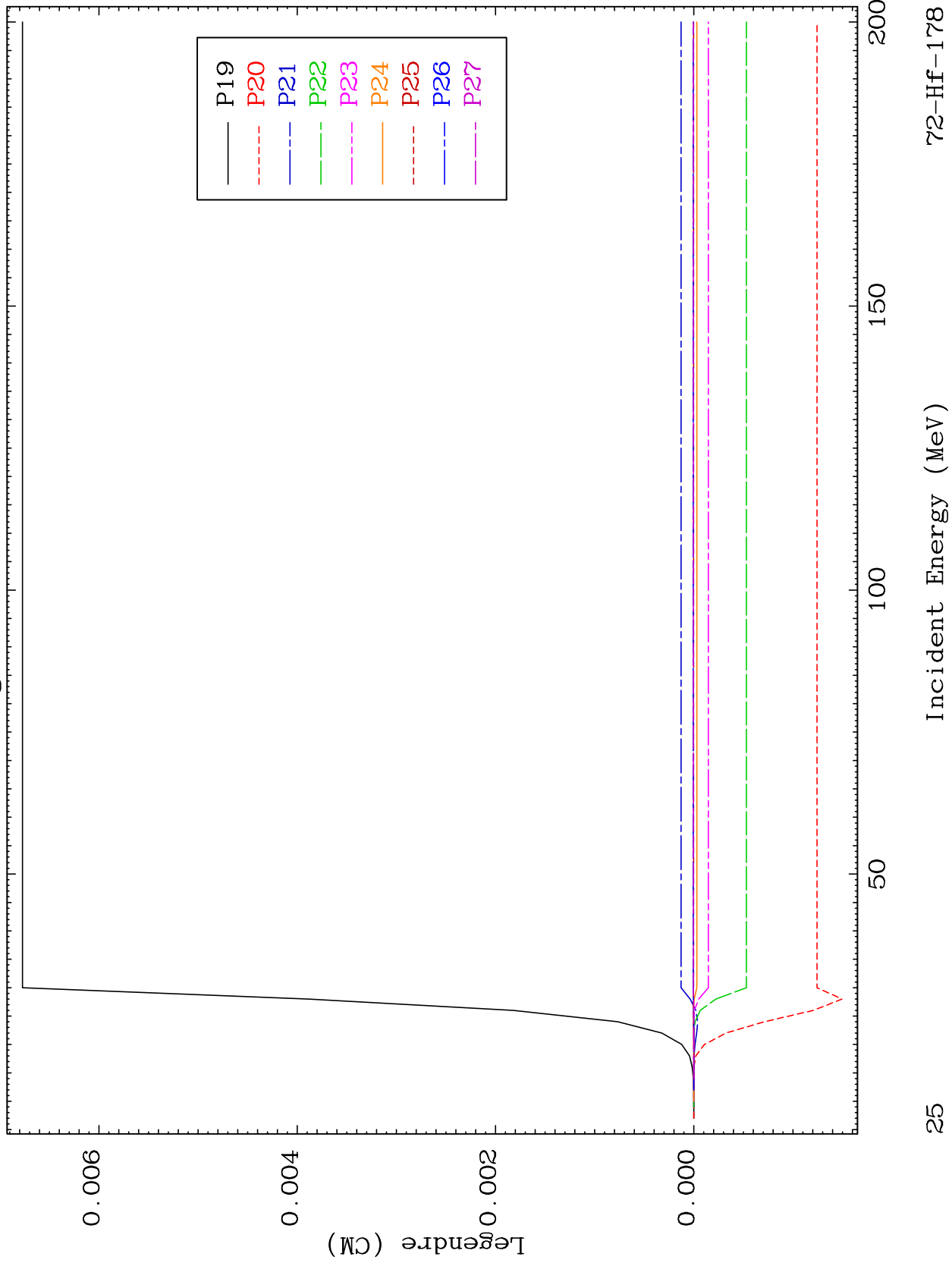
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



25

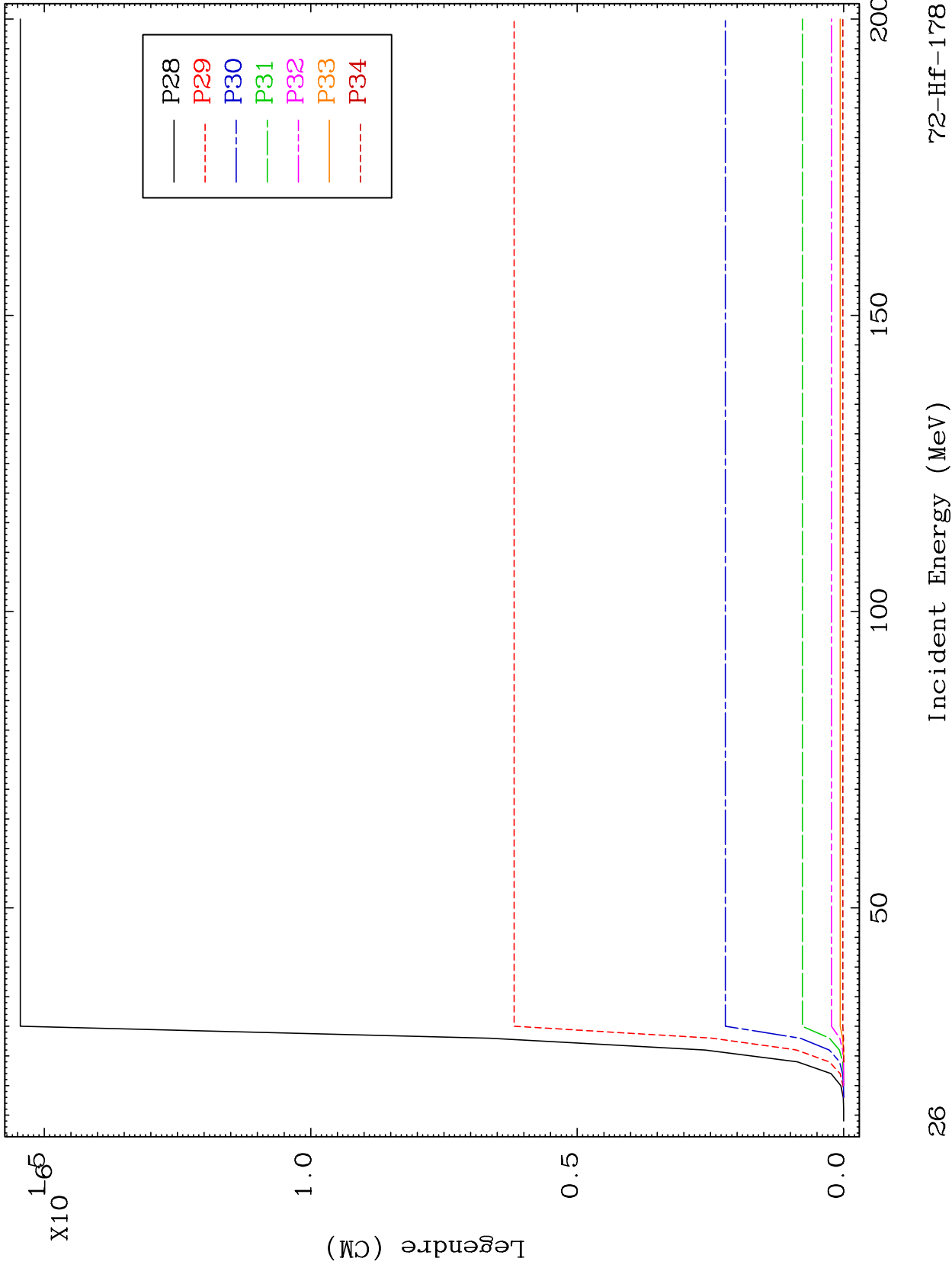
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178

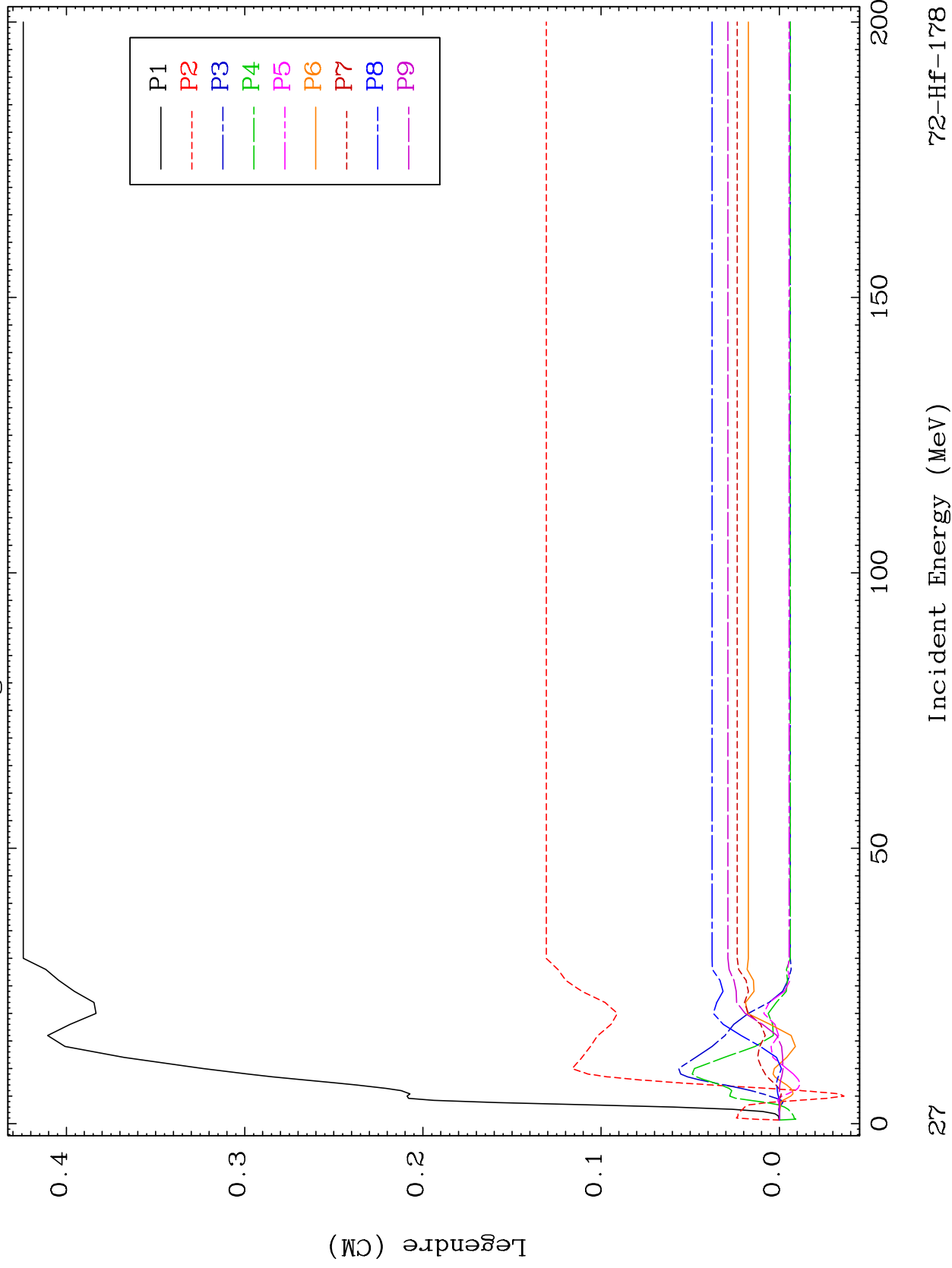


26

MAT 7237

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

72-Hf-178



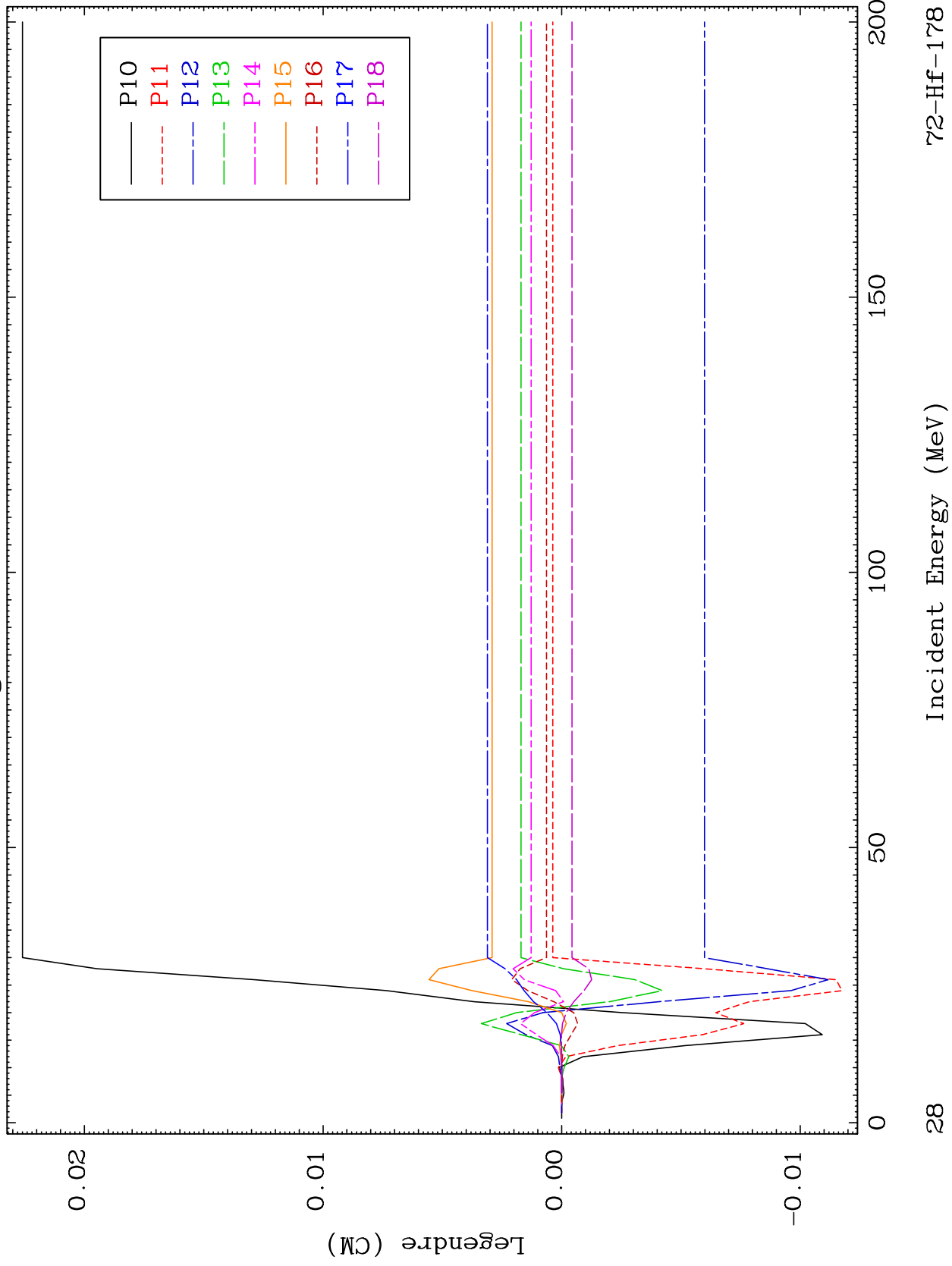
72-Hf-178

27

MAT 7237

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

72-Hf-178



72-Hf-178

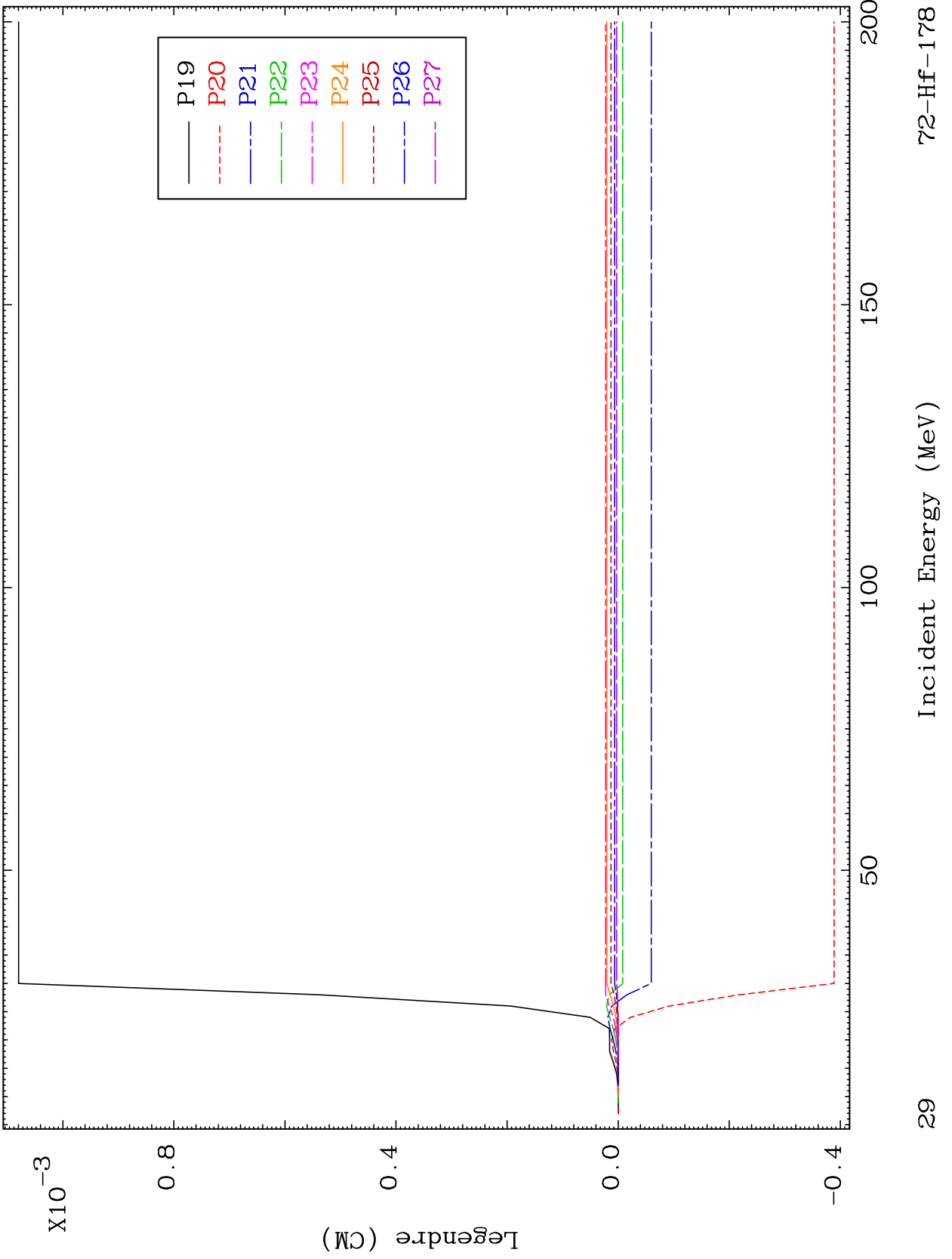
Incident Energy (MeV)

28

MAT 7237

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

72-Hf-178

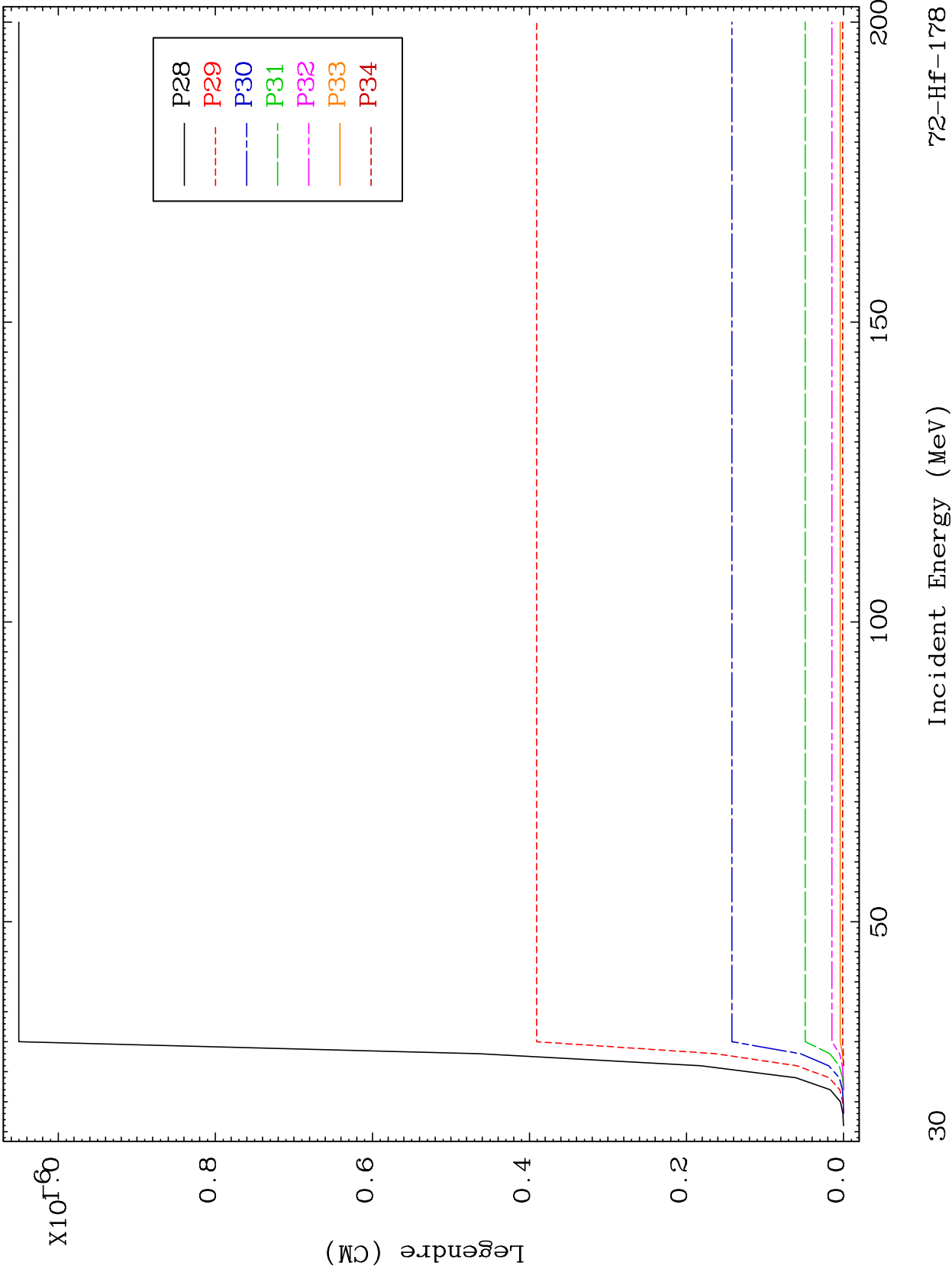


29

MAT 7237

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

72-Hf-178



72-Hf-178

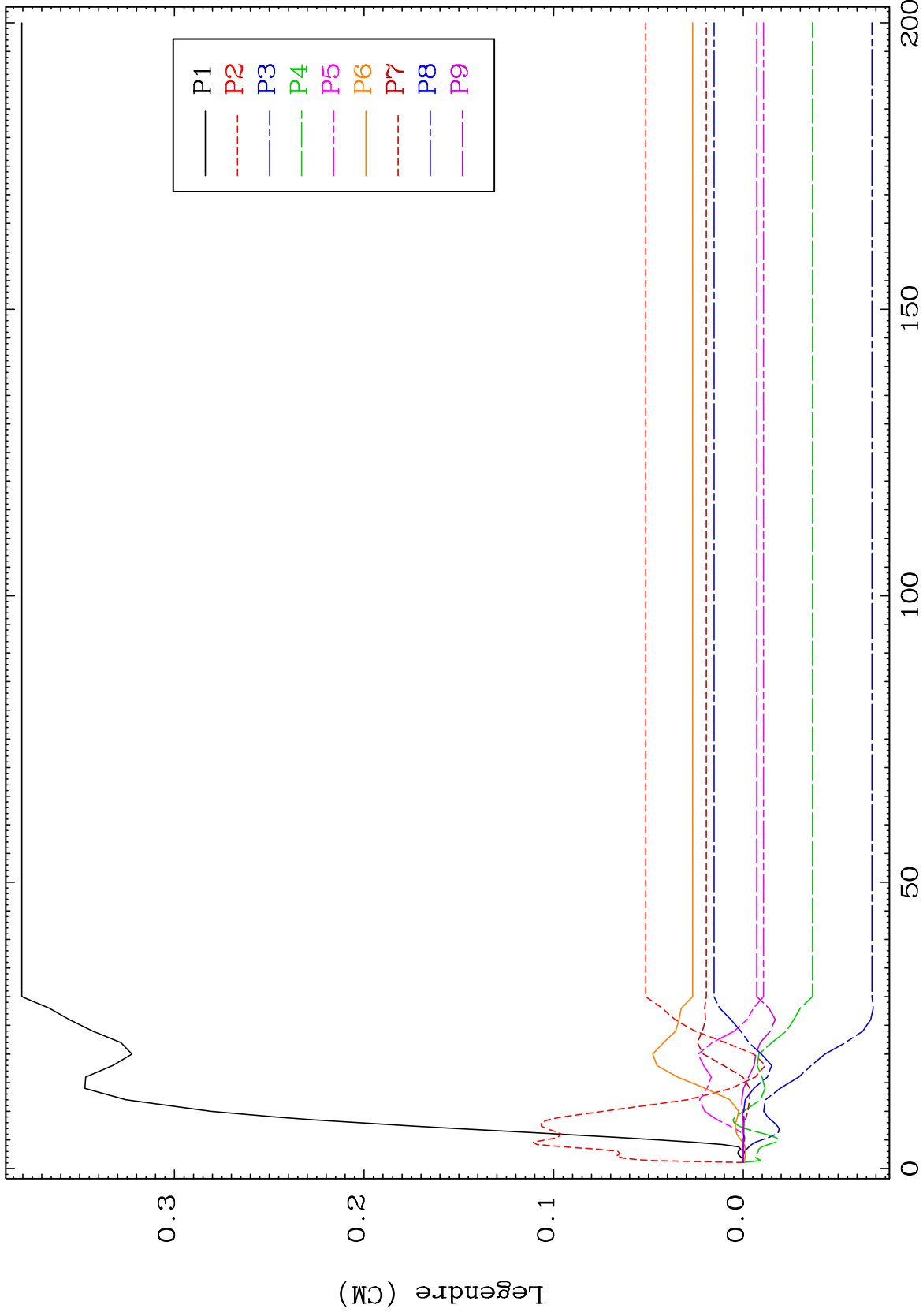
Incident Energy (MeV)

30

MAT 7237

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

72-Hf-178



31

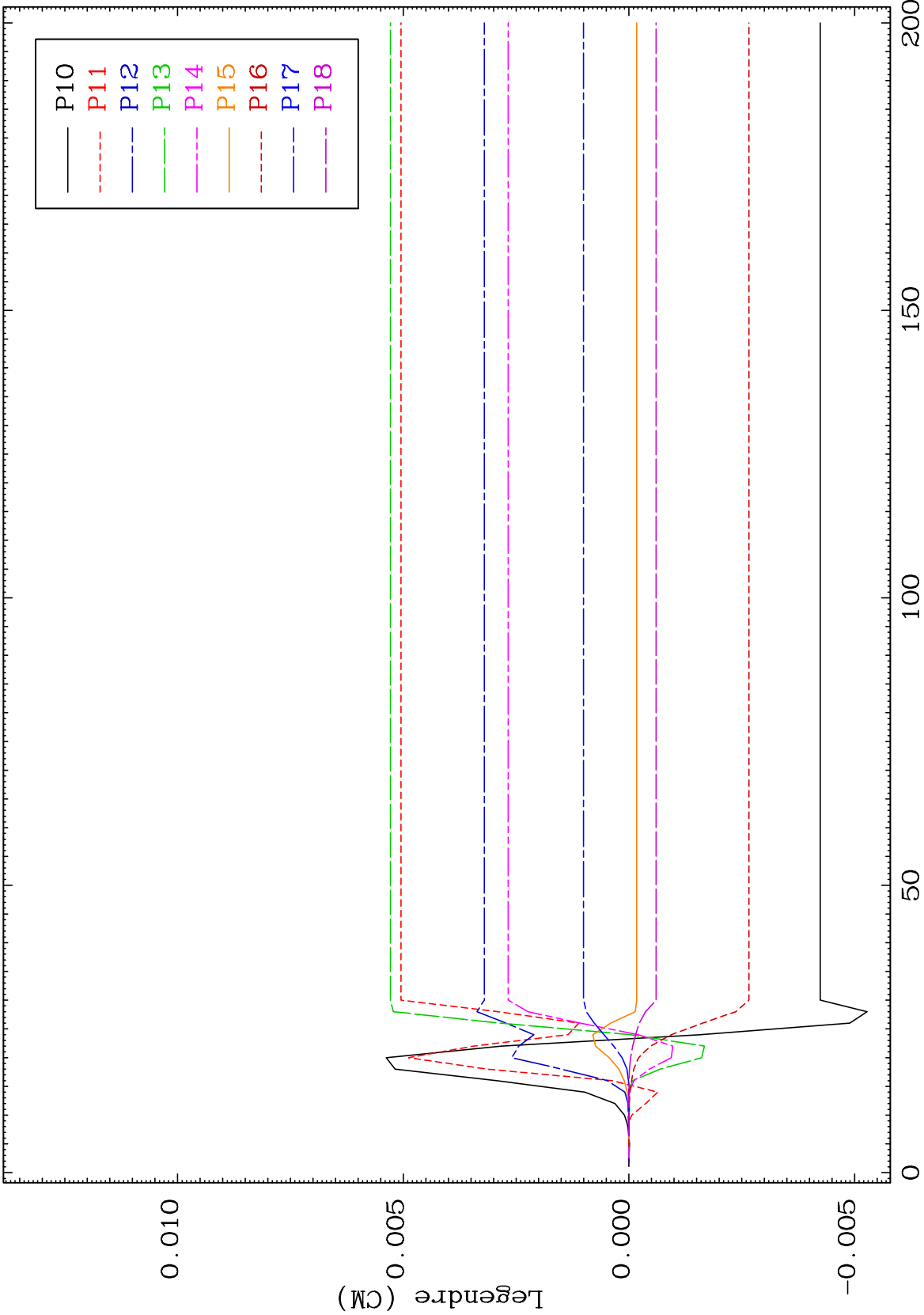
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



32

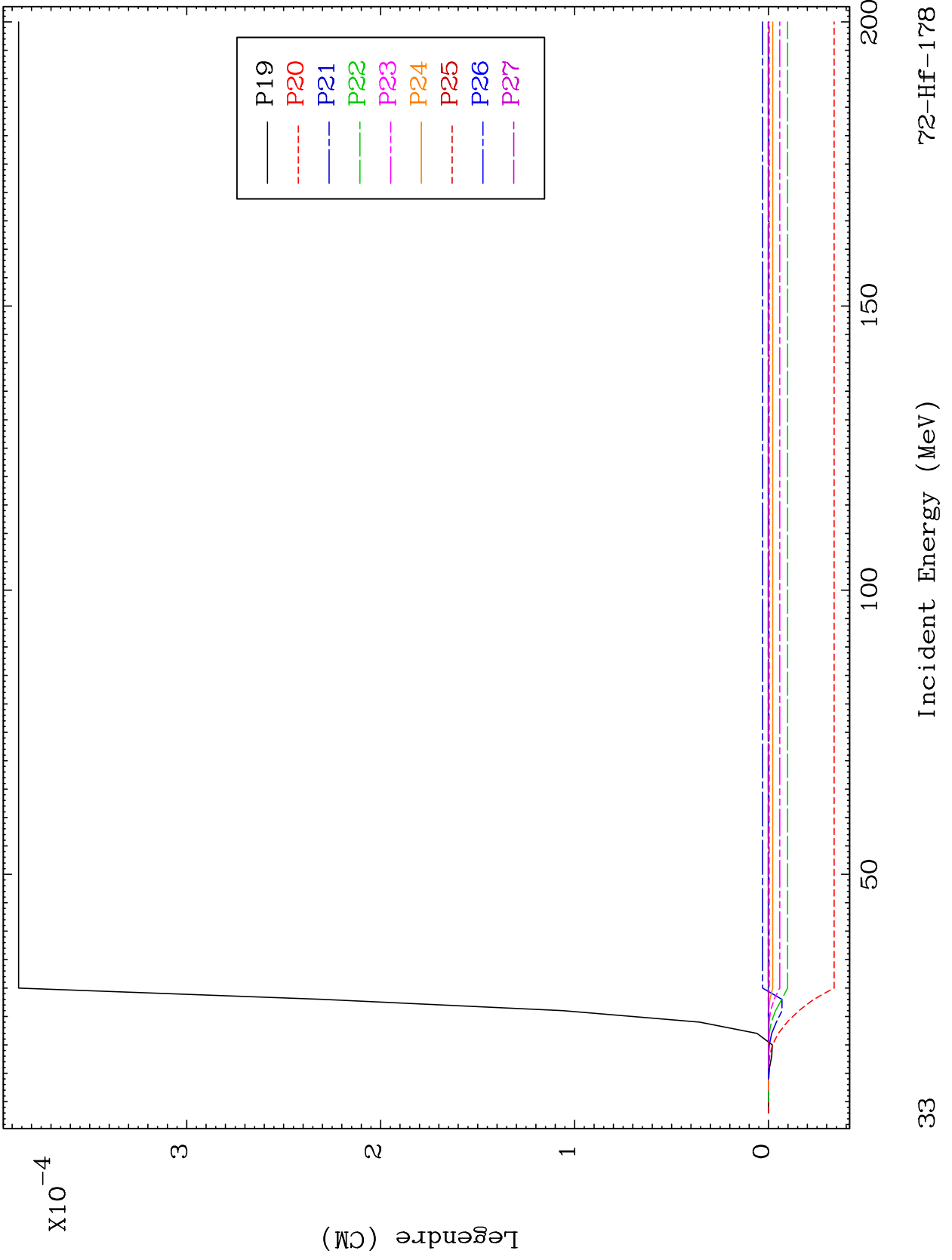
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

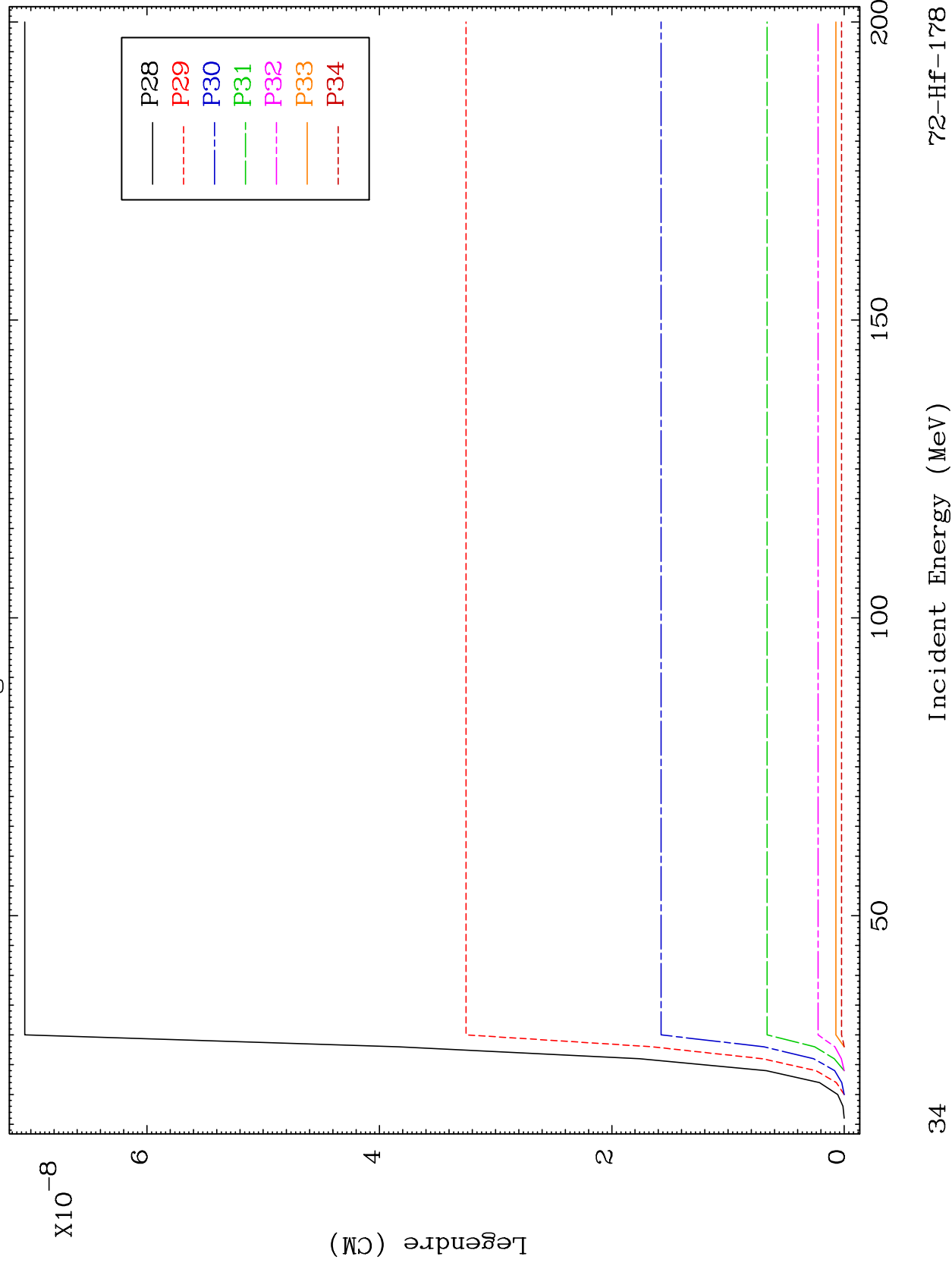
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MAT 7237

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

72-Hf-178



34

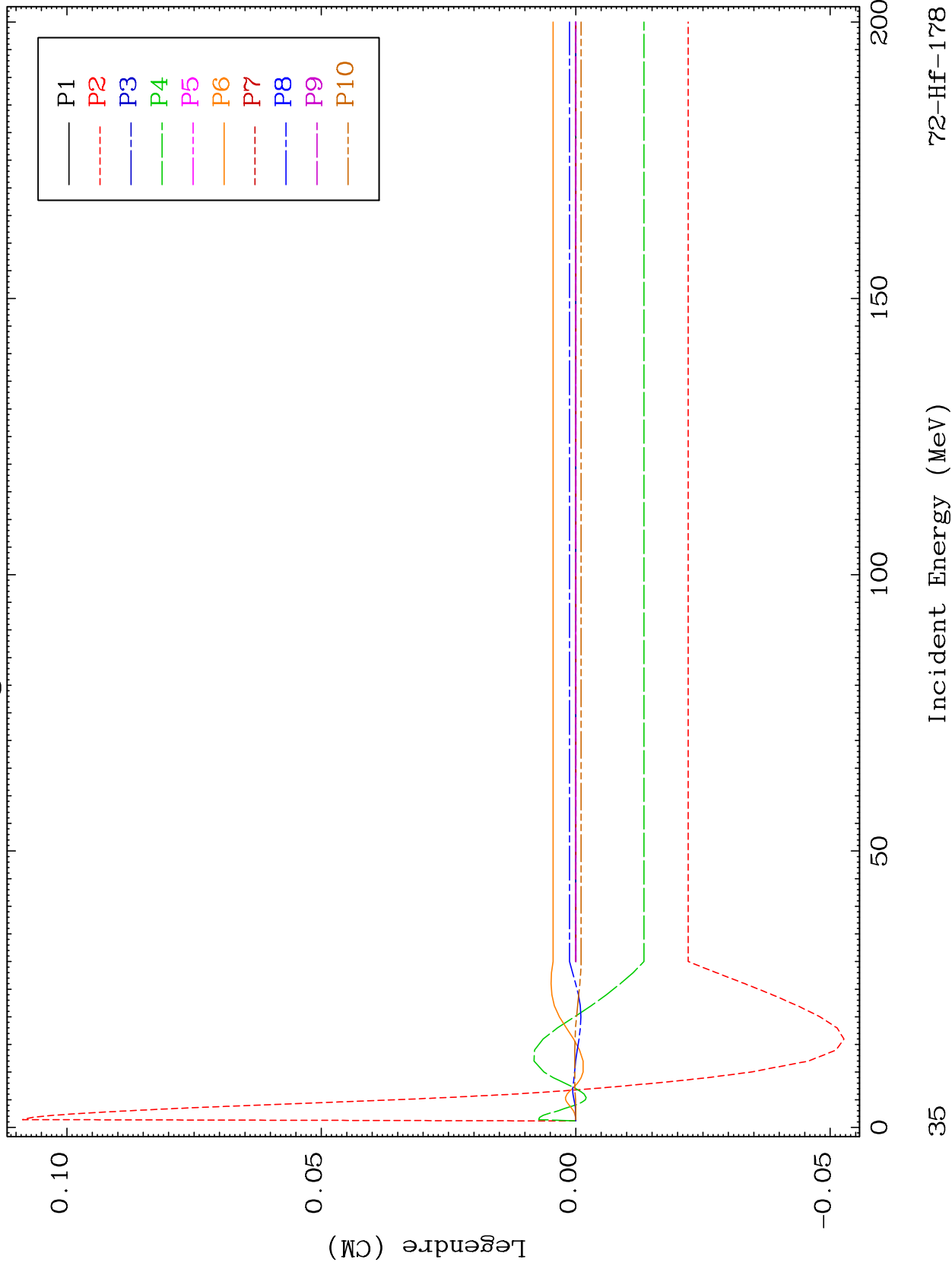
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



72-Hf-178

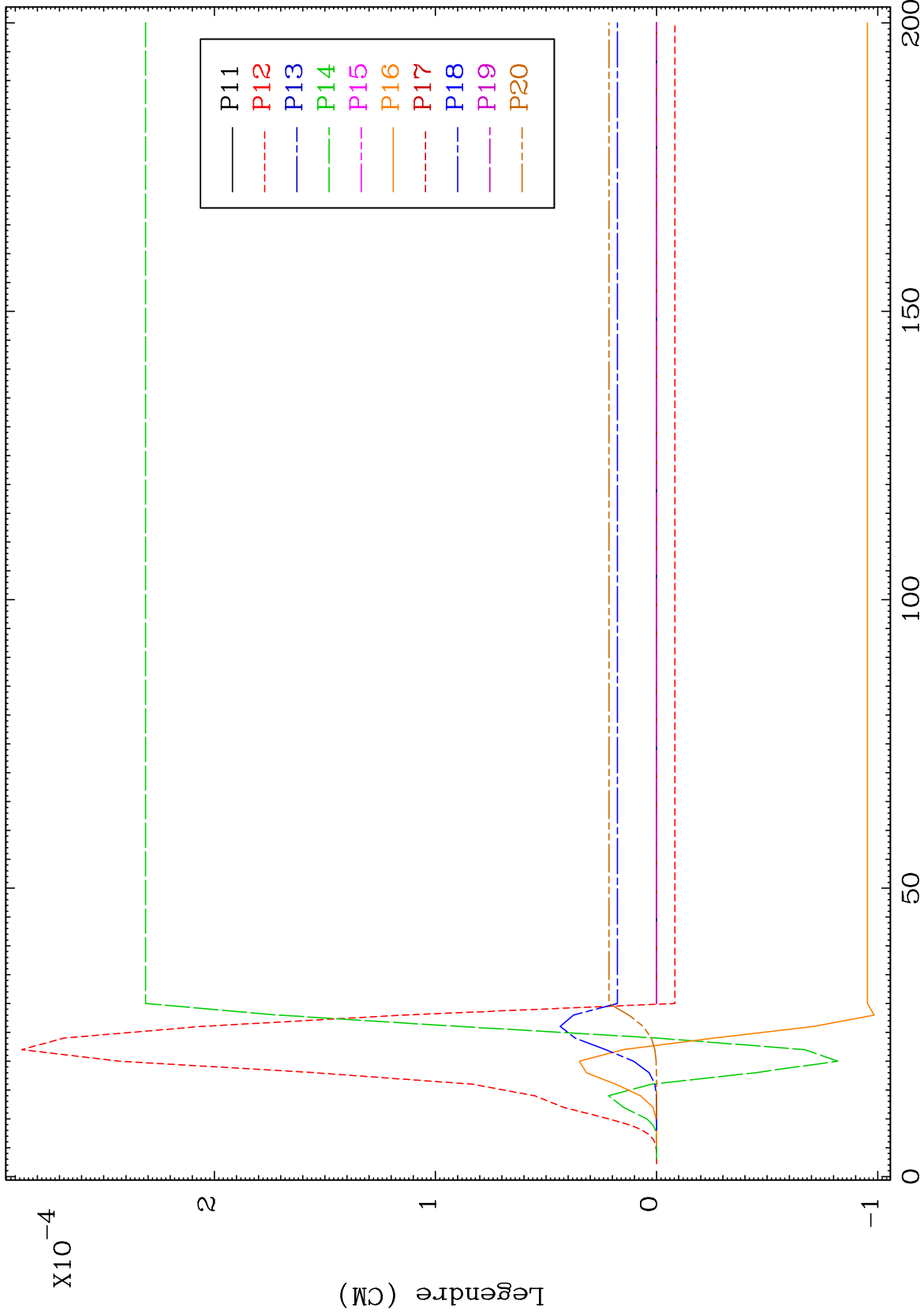
Incident Energy (MeV)

35

MAT 7237

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

72-Hf-178



36

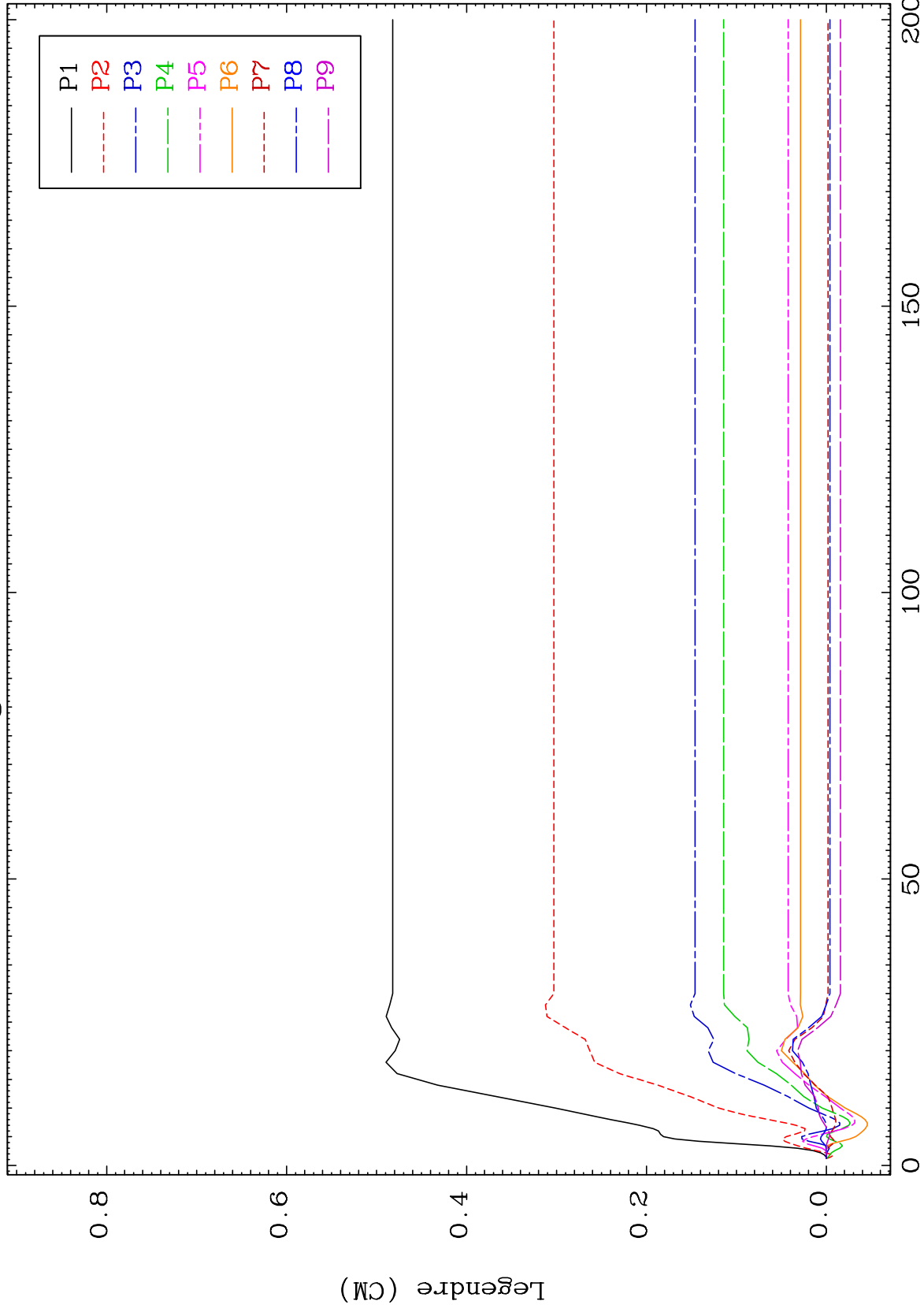
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



38

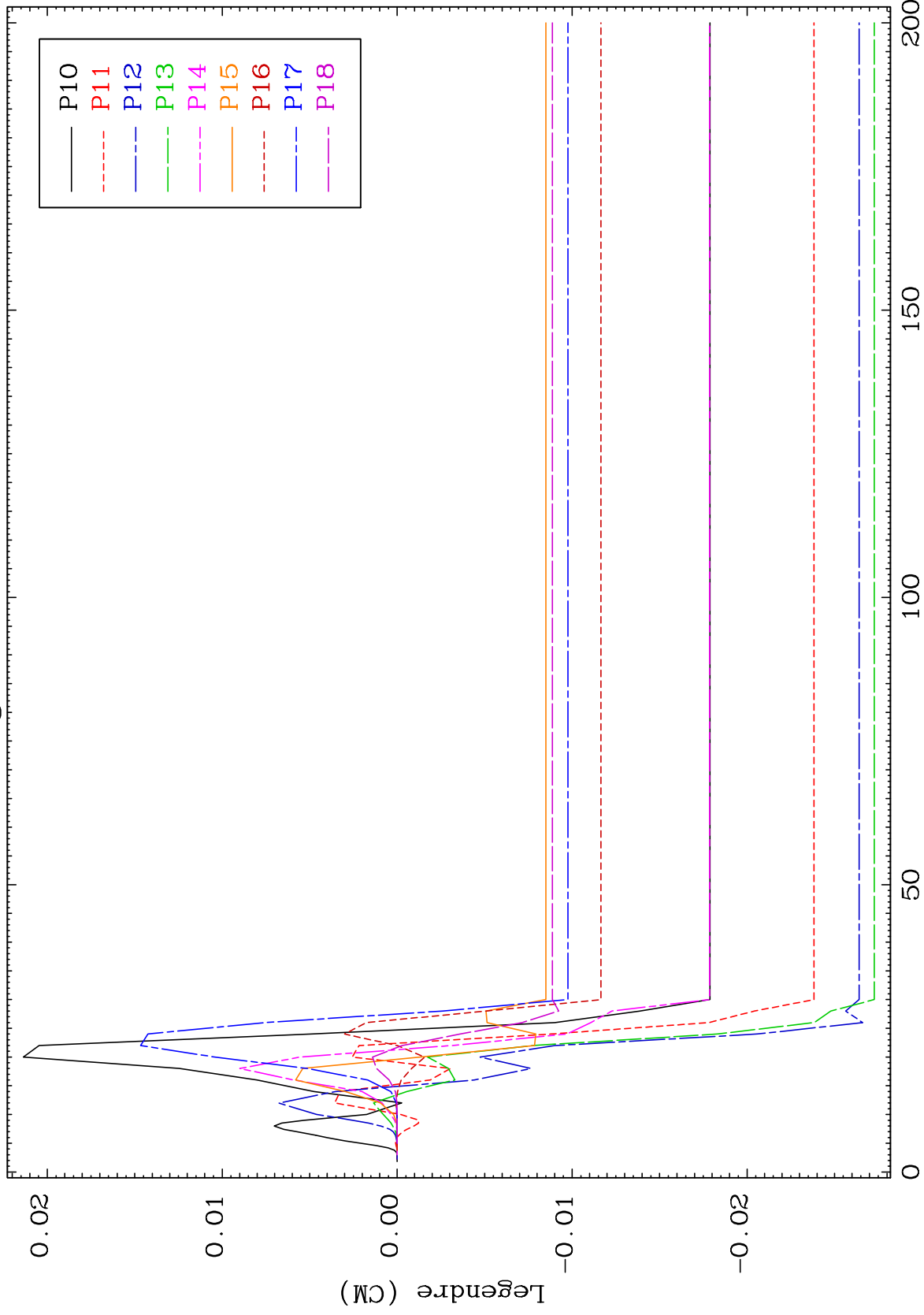
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



39

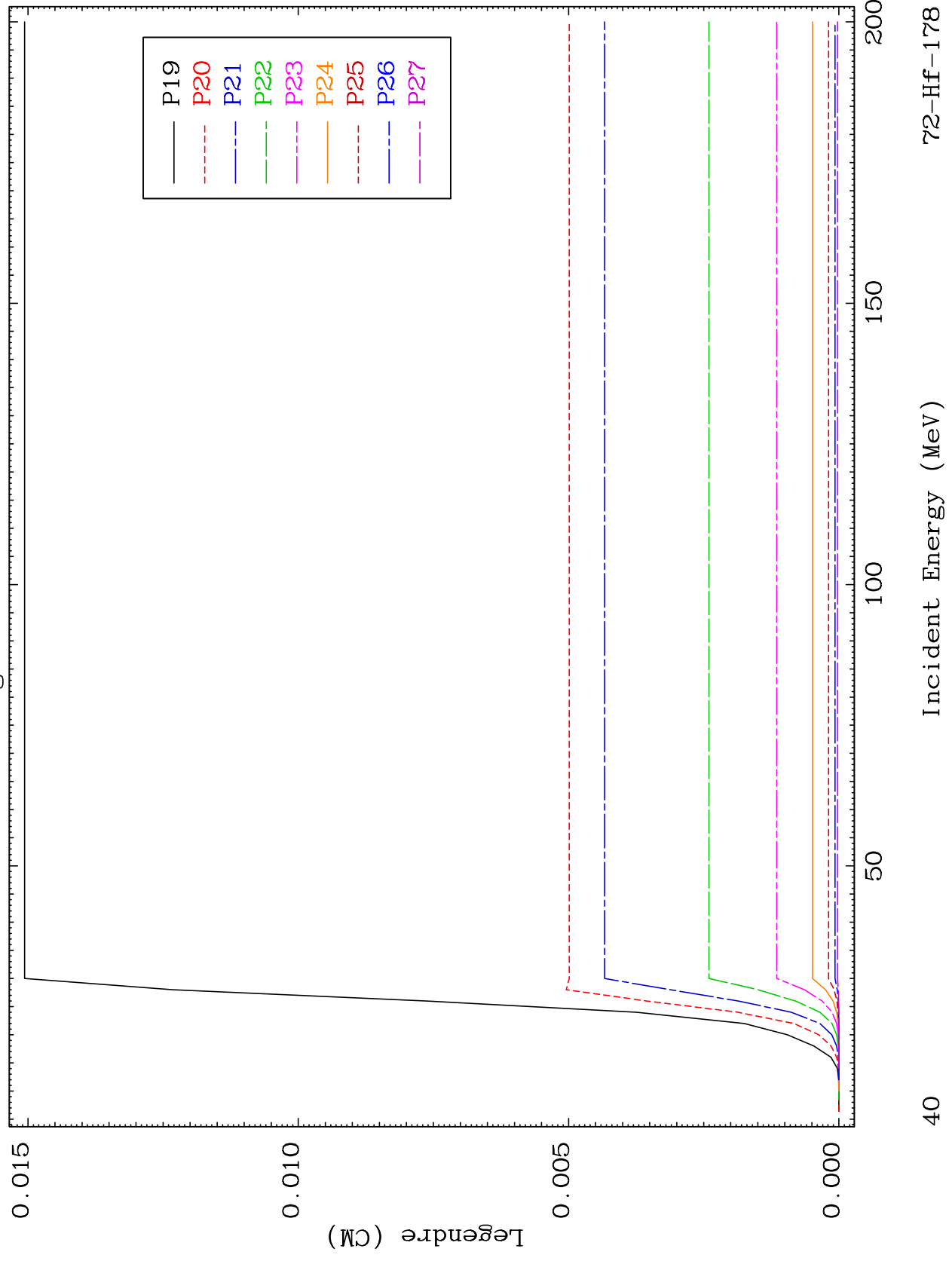
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



72-Hf-178

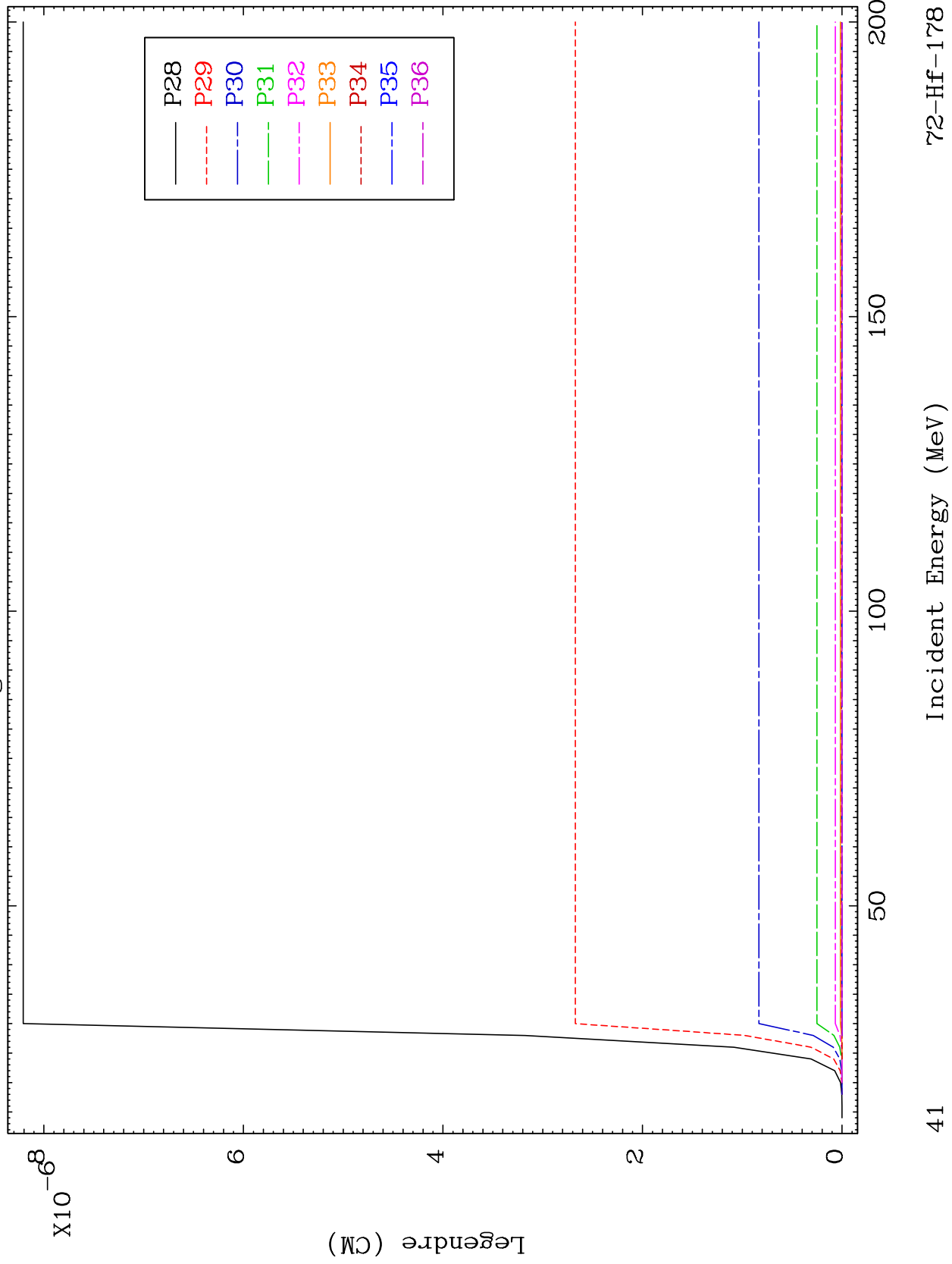
Incident Energy (MeV)

40

MAT 7237

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

72-Hf-178

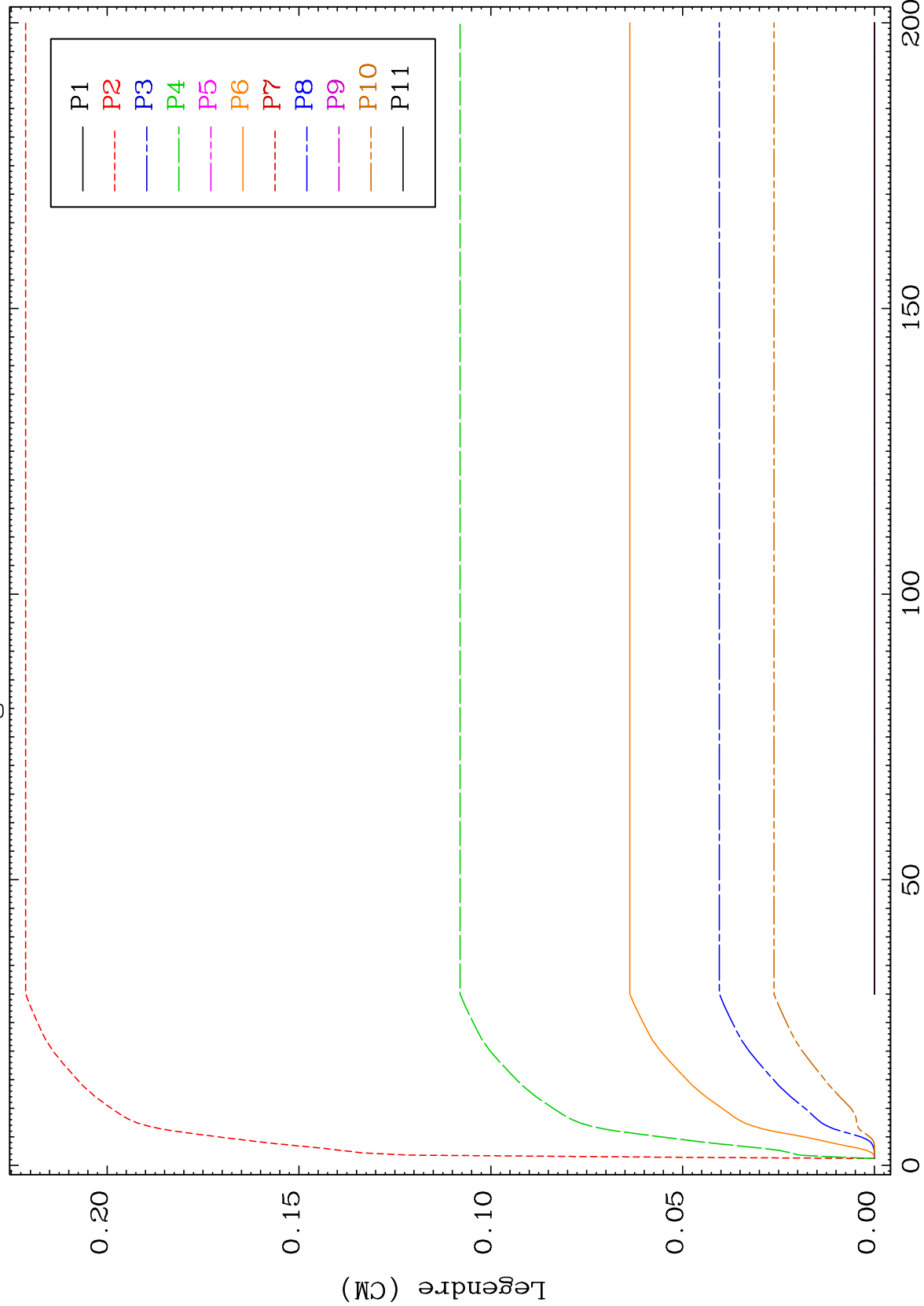


41

MAT 7237

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

72-Hf-178



72-Hf-178

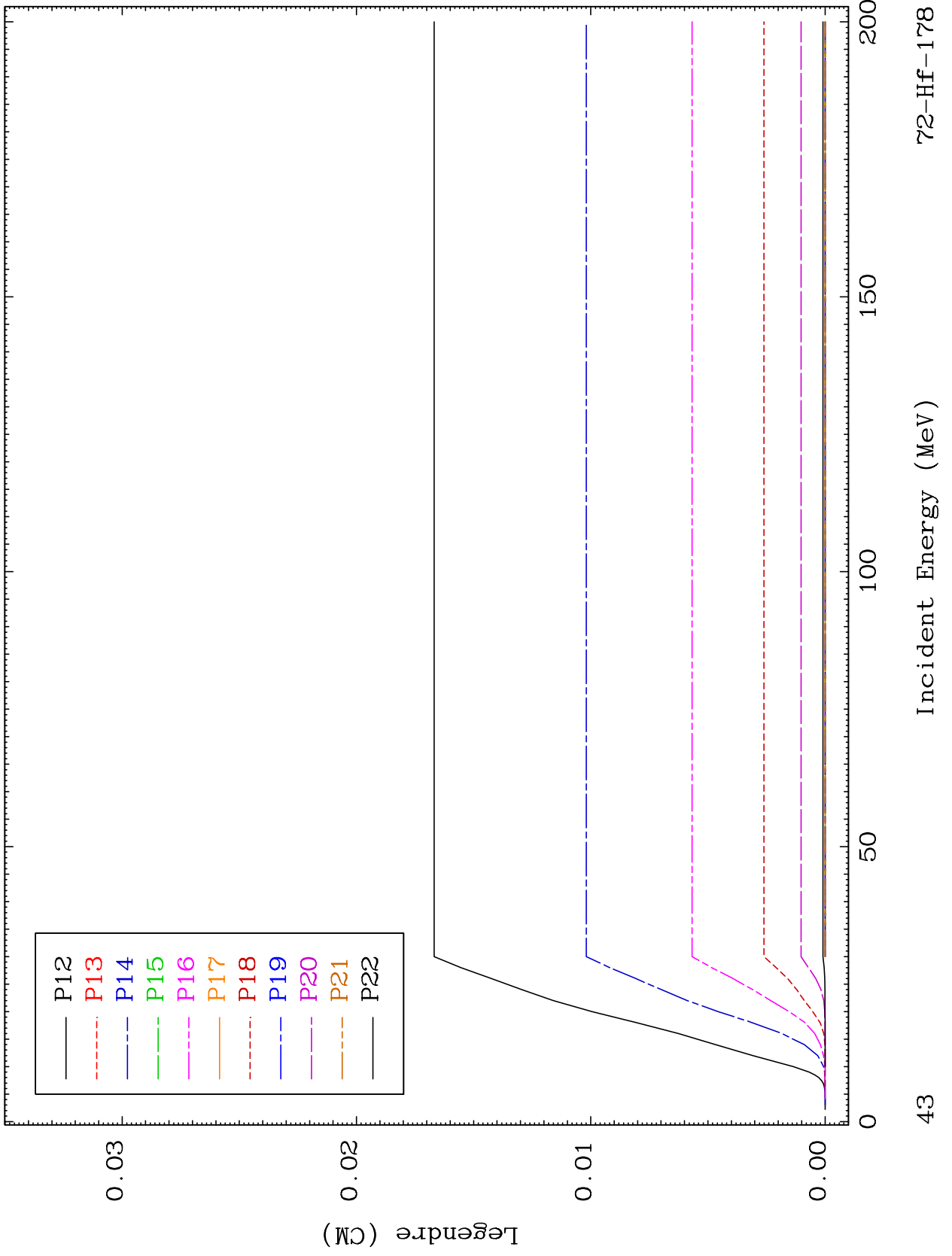
Incident Energy (MeV)

42

MAT 7237

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

72-Hf-178



43

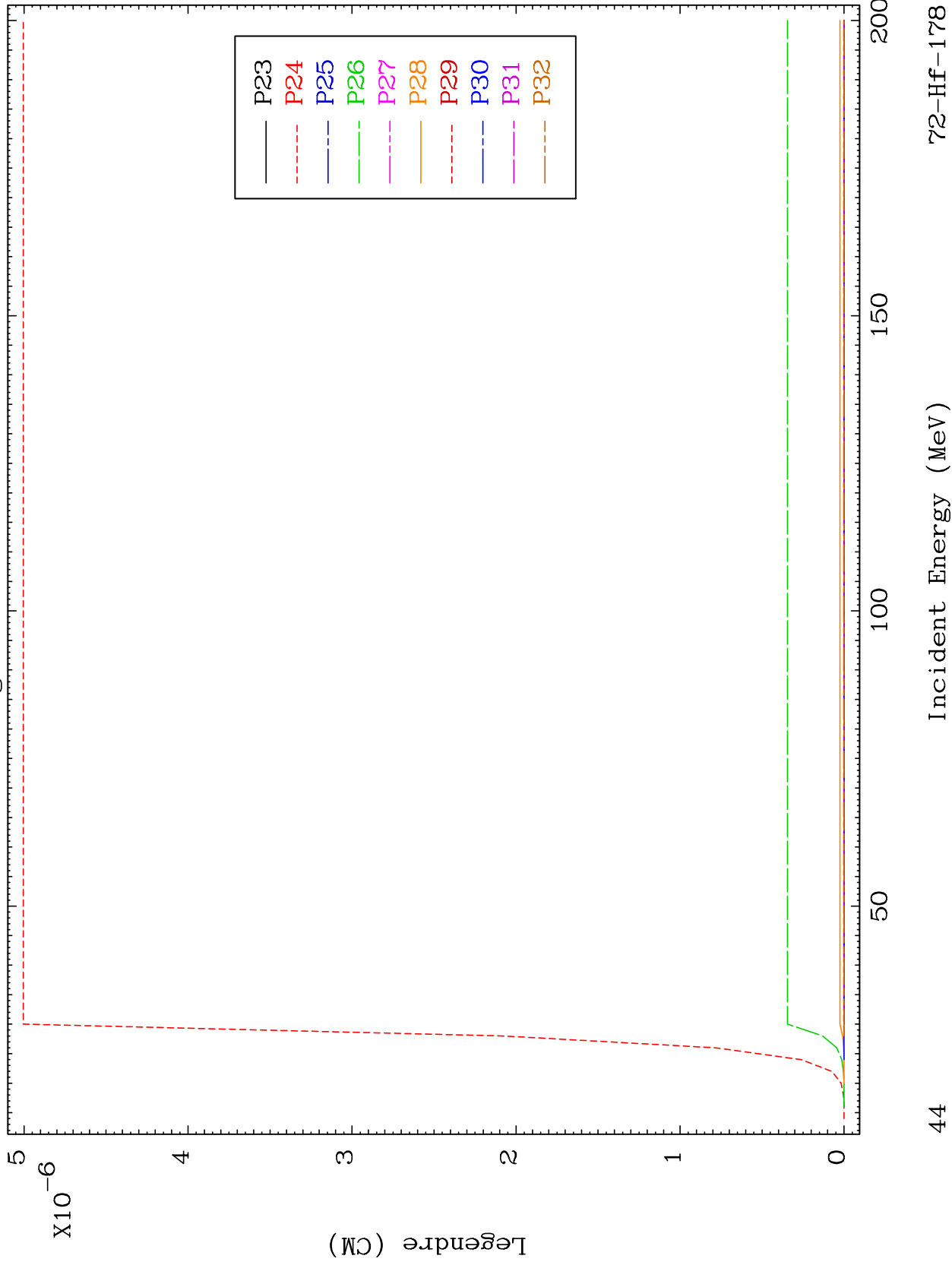
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



44

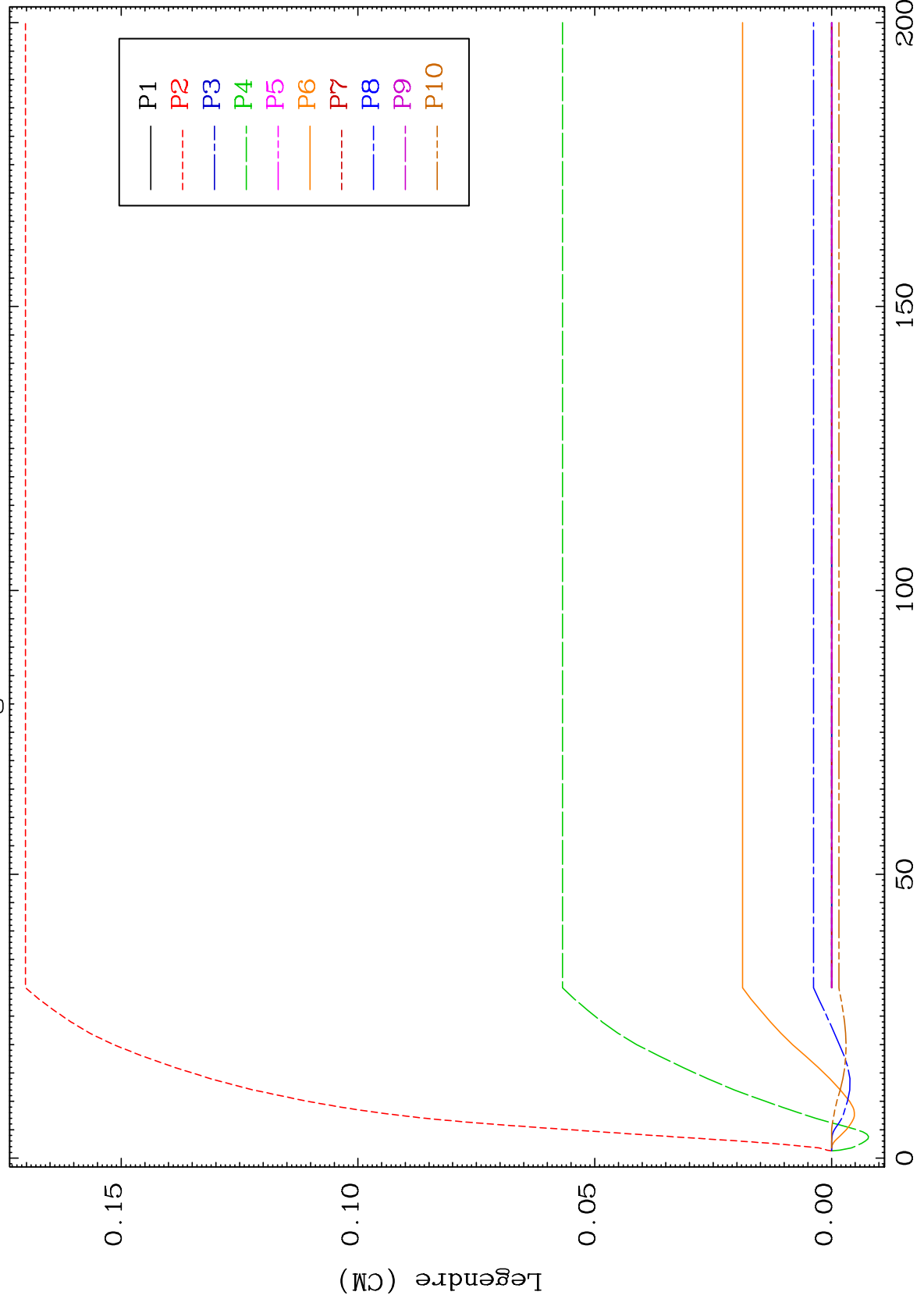
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



72-Hf-178

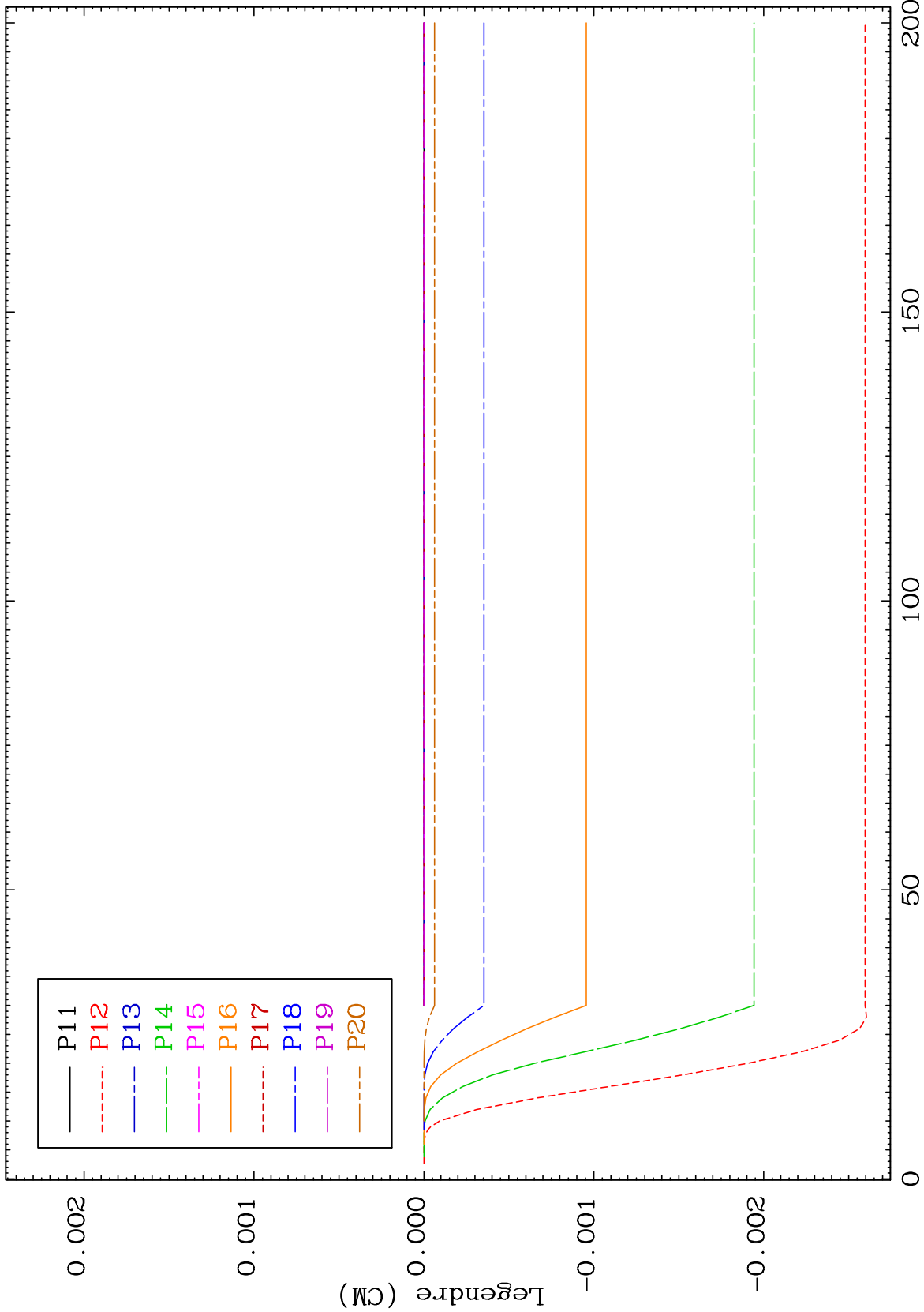
Incident Energy (MeV)

45

MAT 7237

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

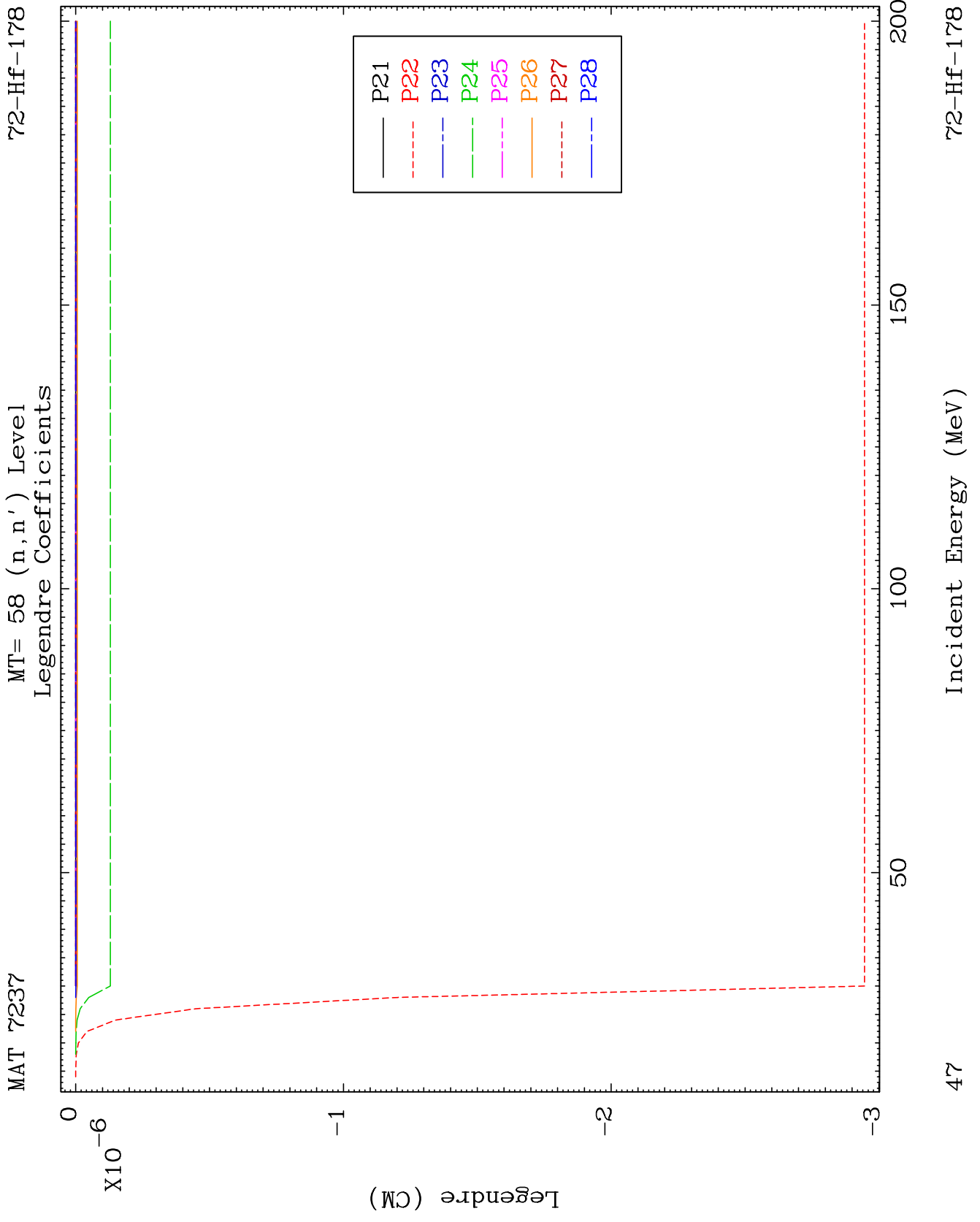
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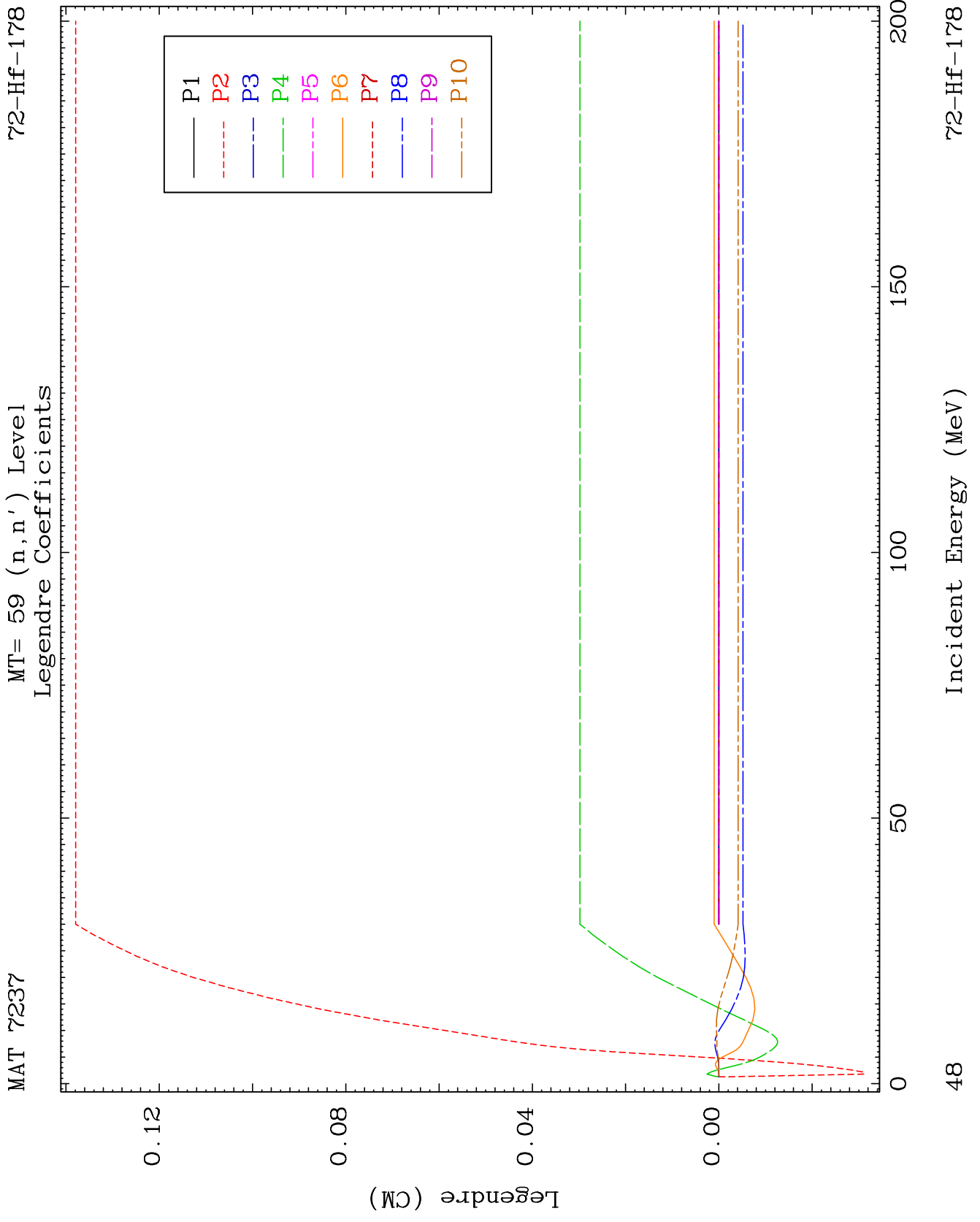


46

Incident Energy (MeV)

72-Hf-178

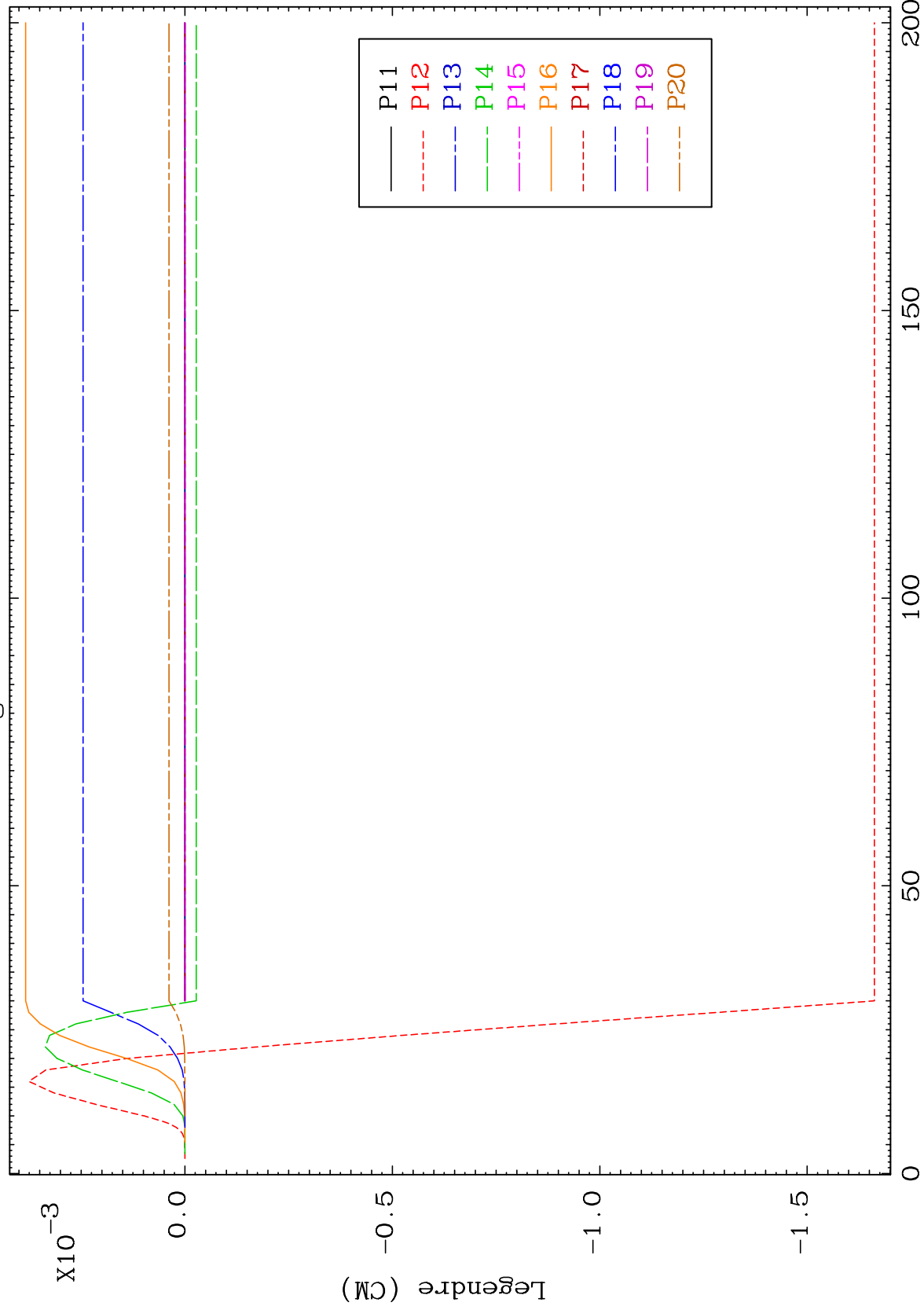




MAT 7237

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

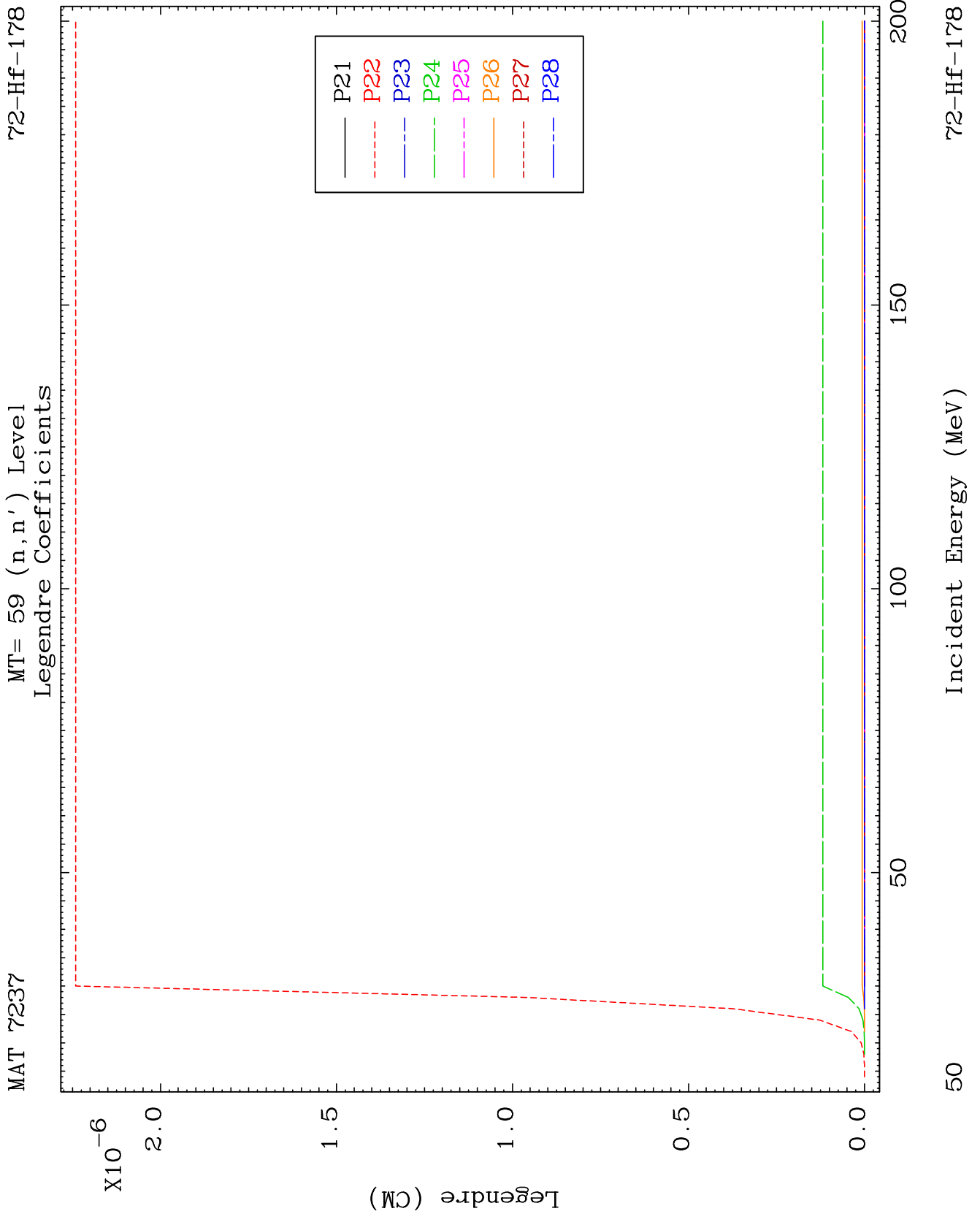
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49

Incident Energy (MeV)

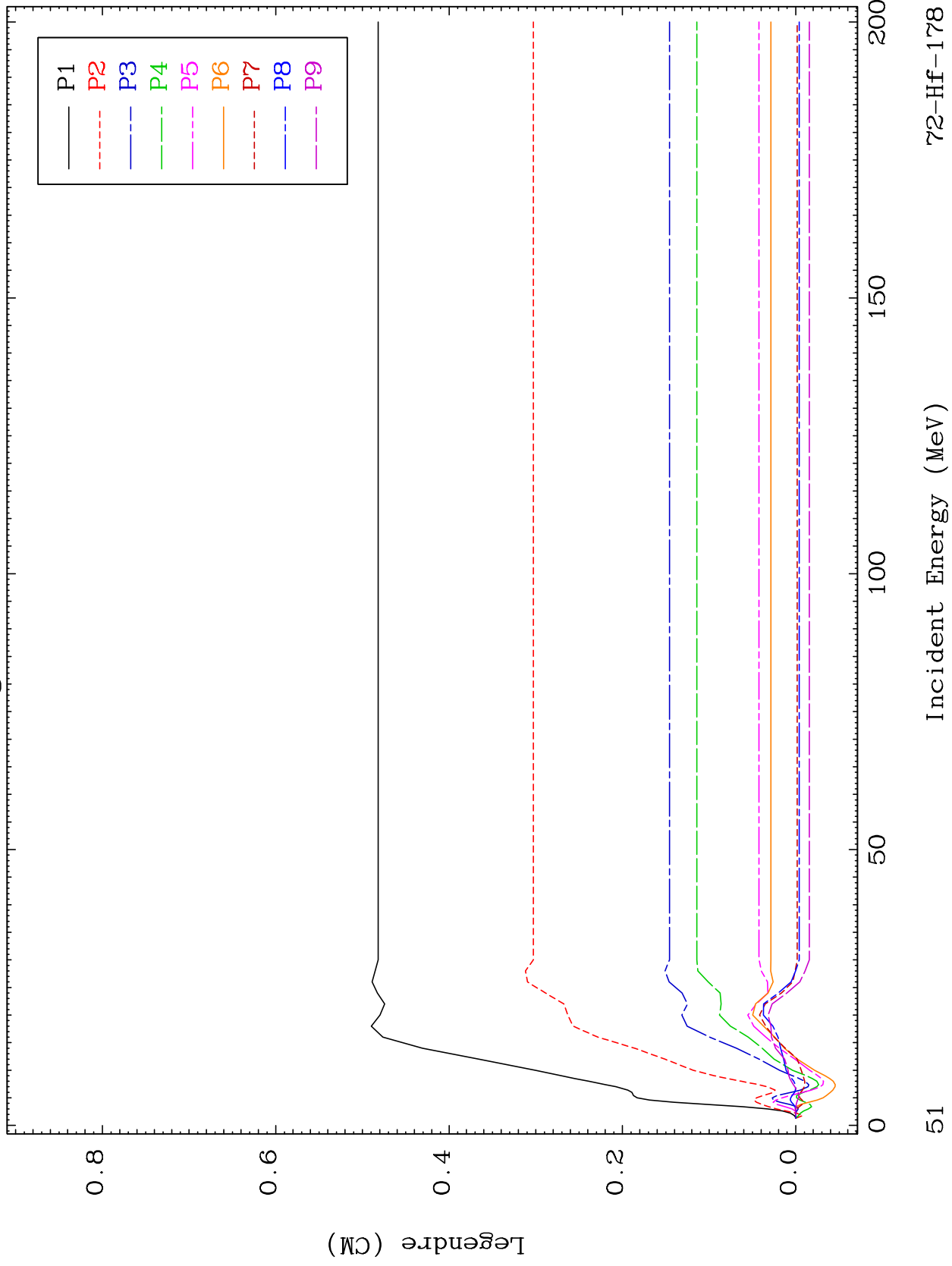
72-Hf-178



MAT 7237

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

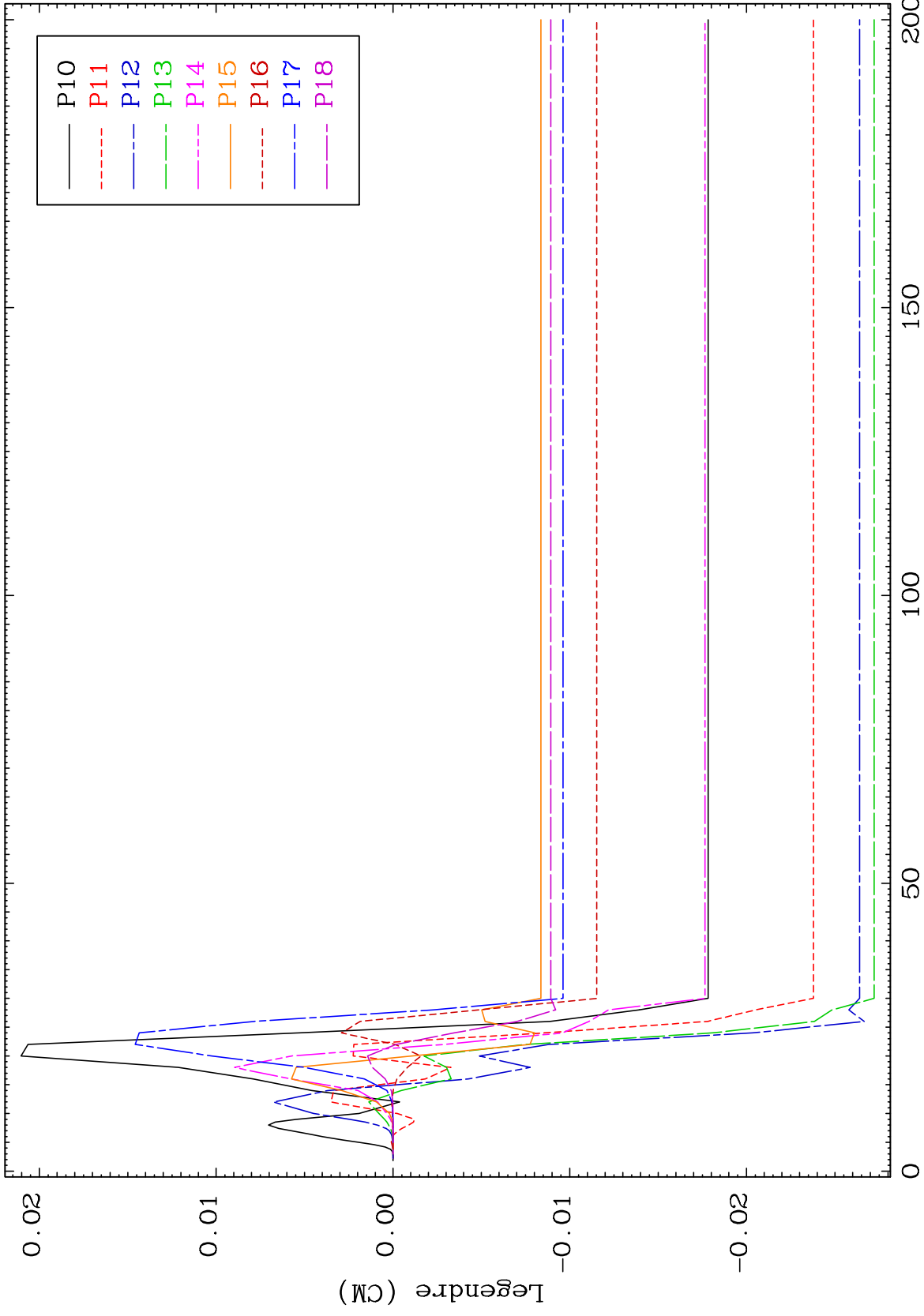
72-Hf-178



MAT 7237

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

72-Hf-178



52

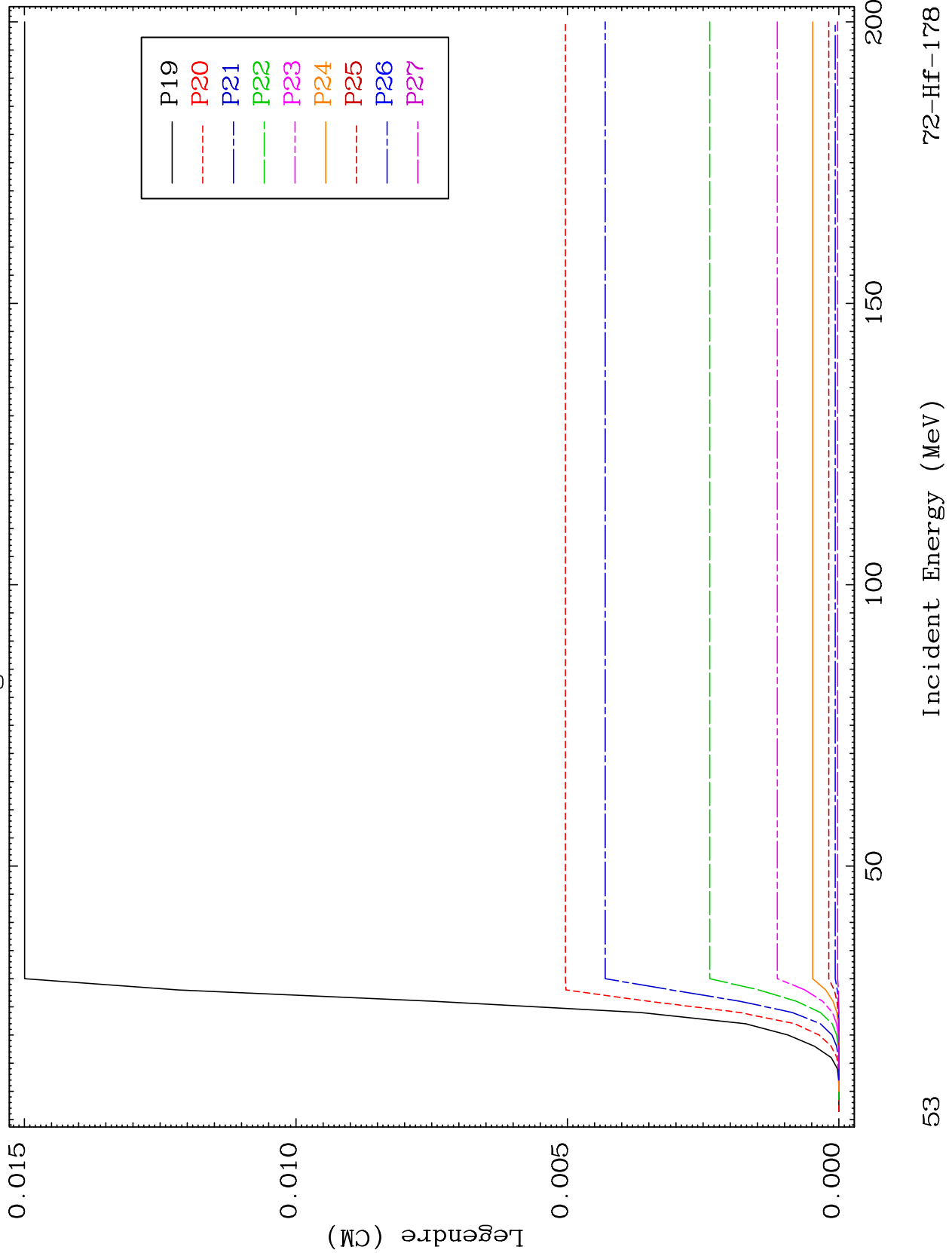
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

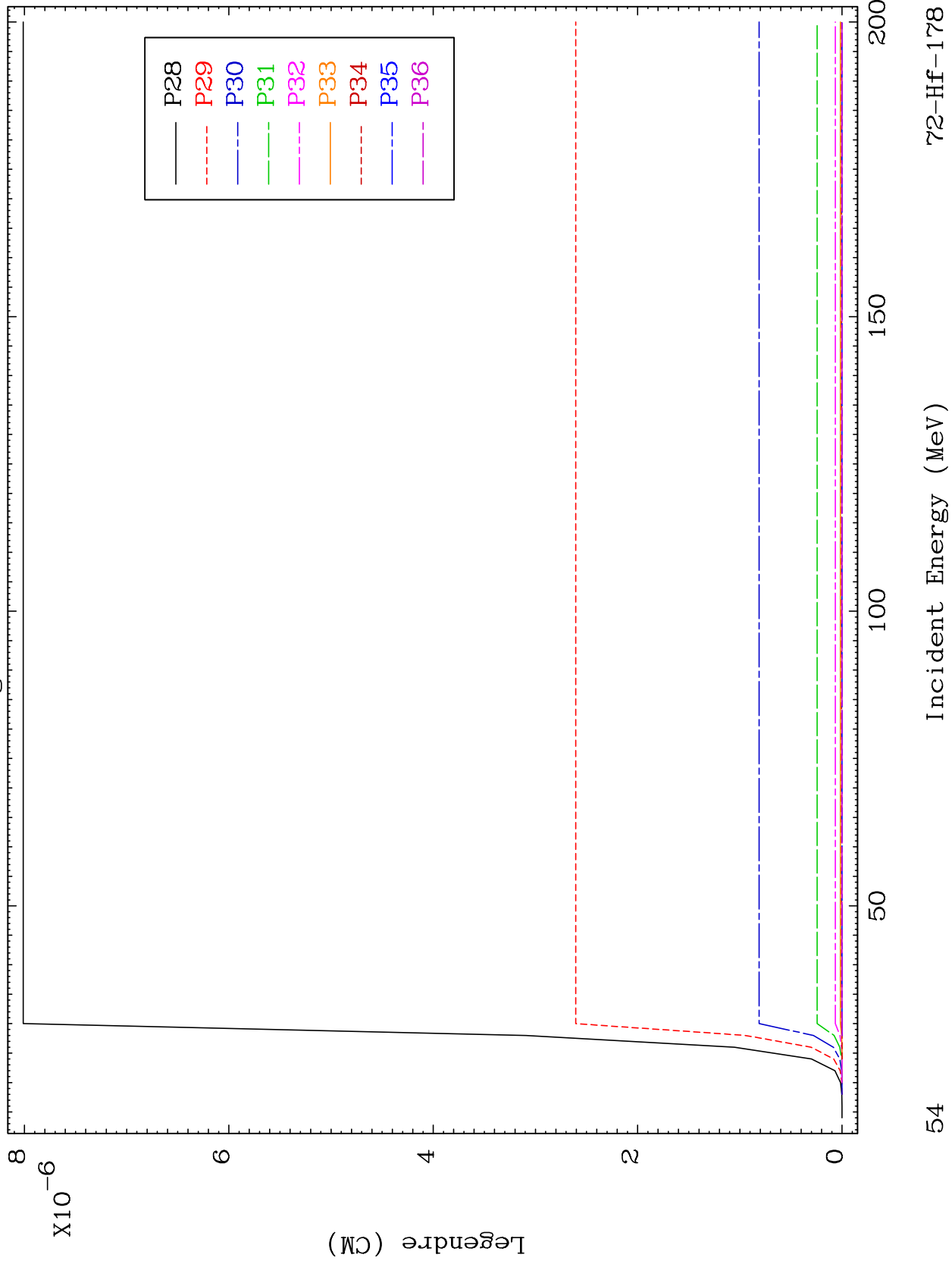
72-Hf-178



MAT 7237

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

72-Hf-178



54

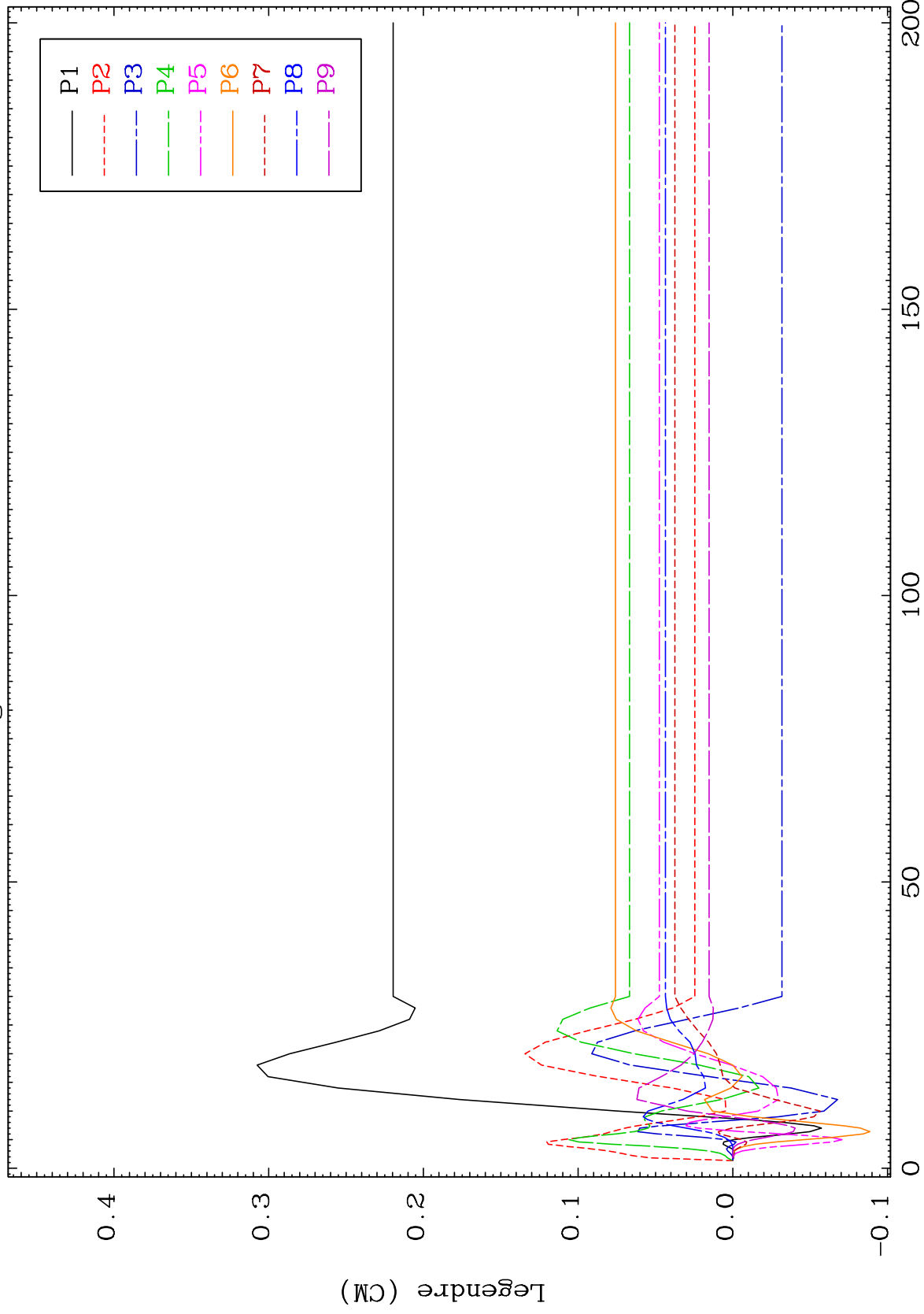
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

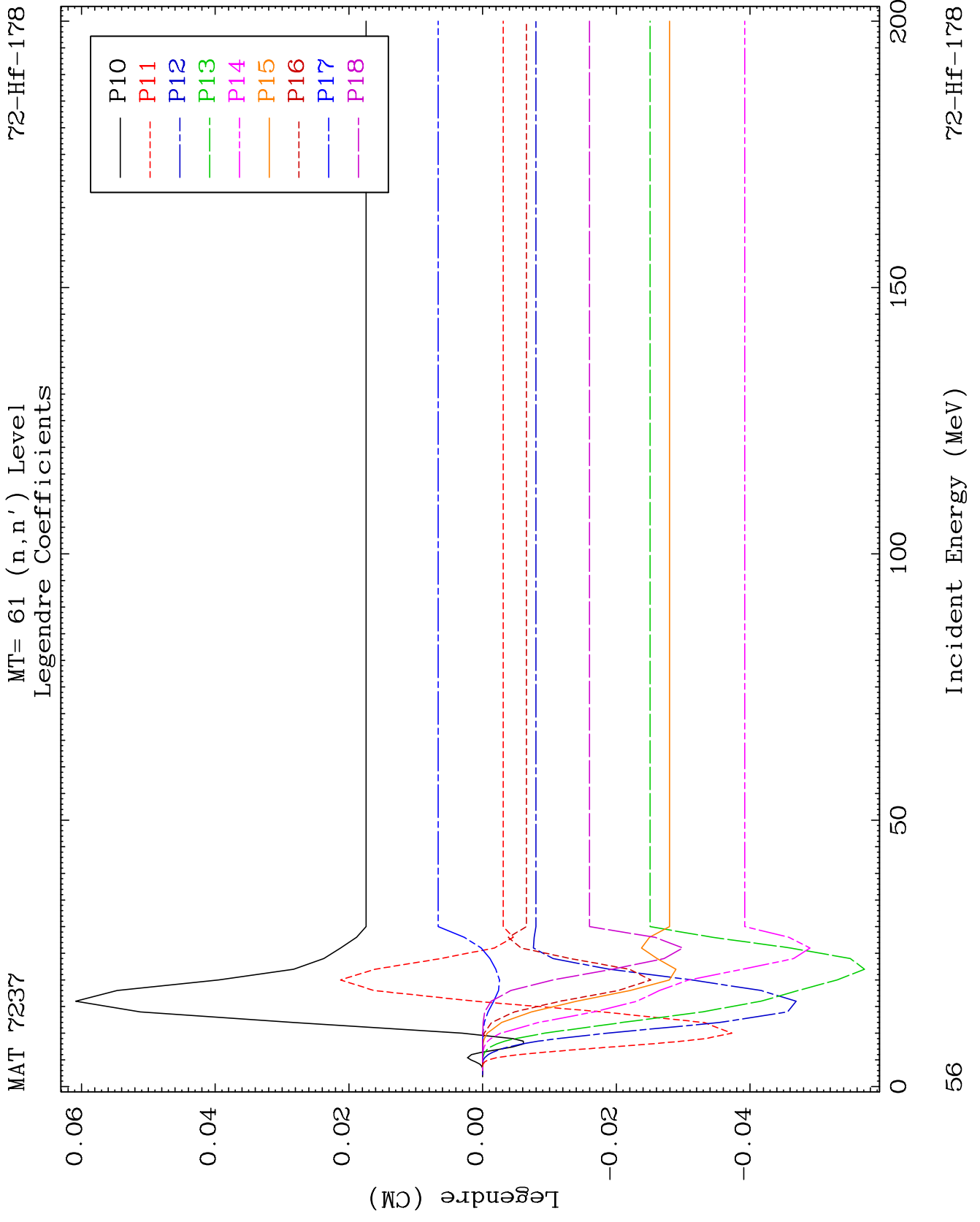
72-Hf-178



72-Hf-178

Incident Energy (MeV)

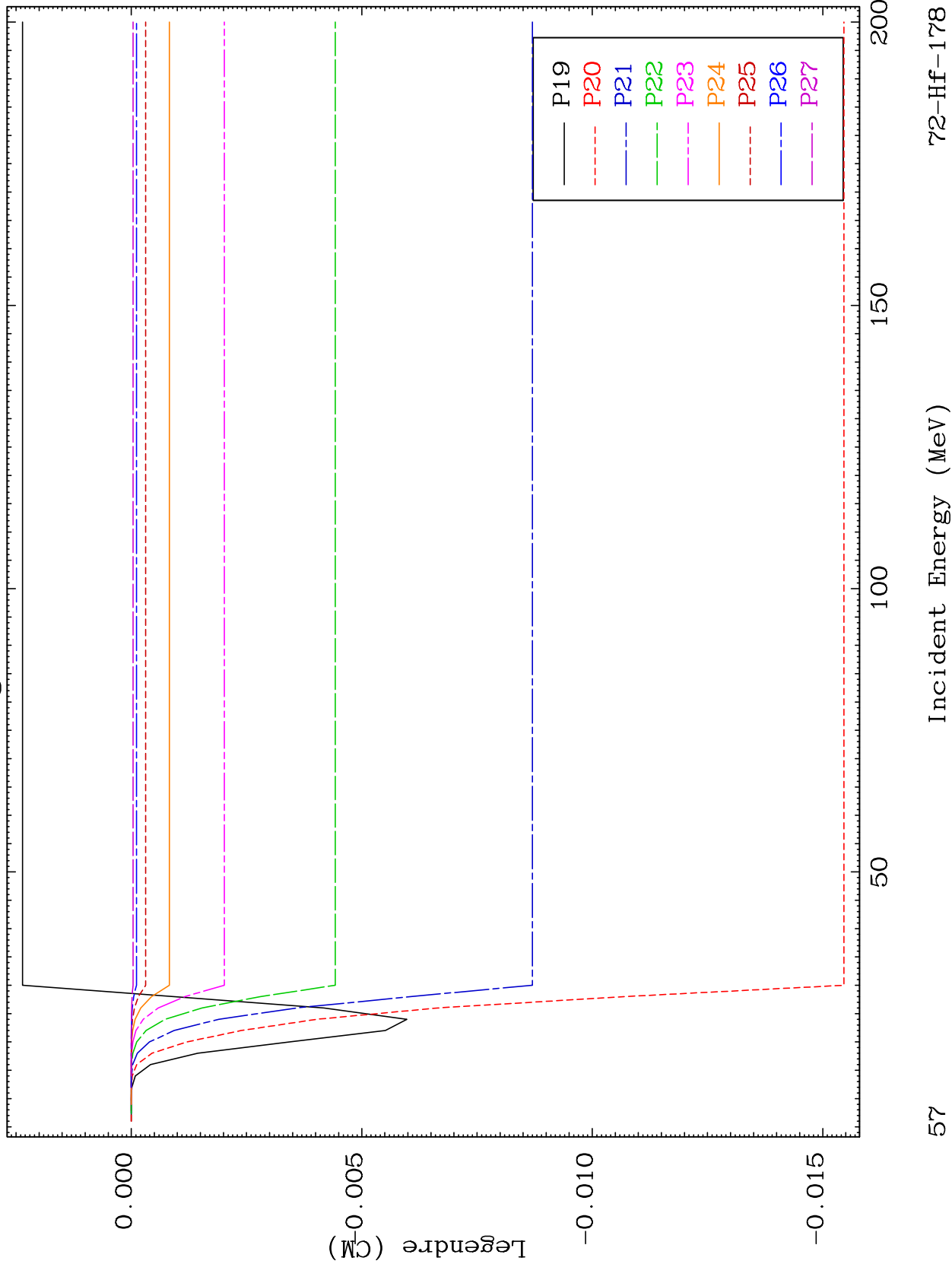
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MAT 7237

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

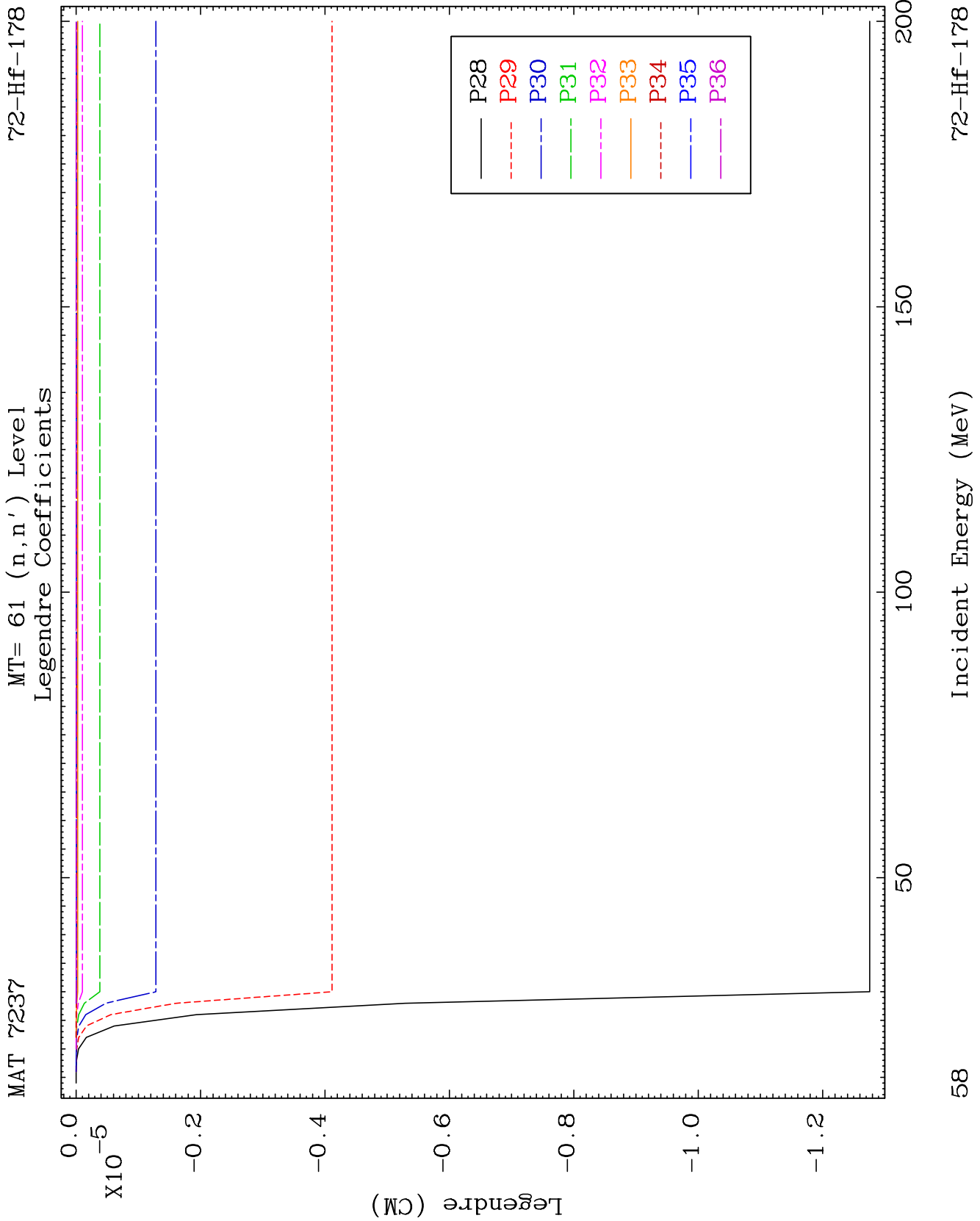
72-Hf-178



57

Incident Energy (MeV)

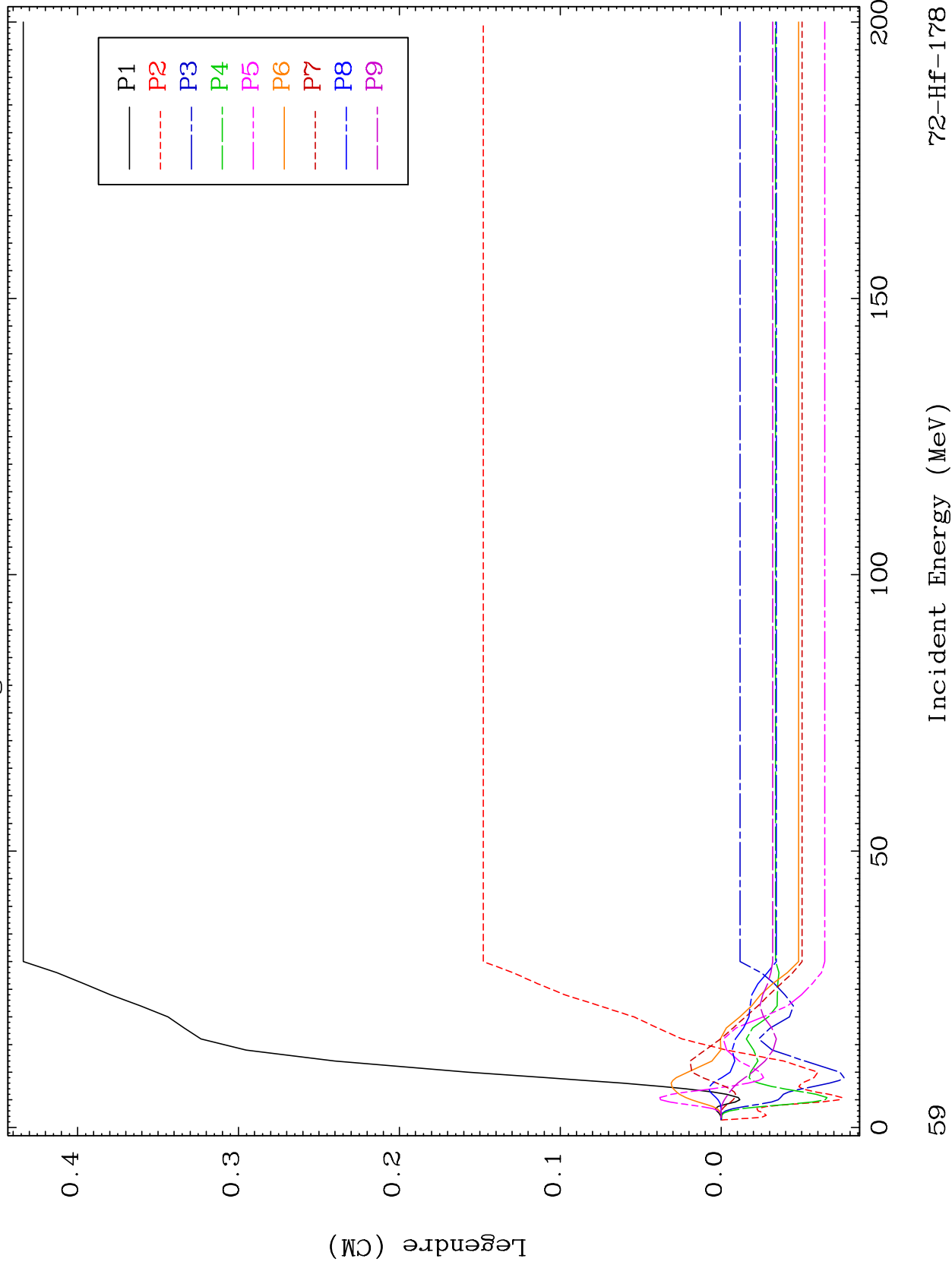
72-Hf-178



MAT 7237

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

72-Hf-178



72-Hf-178

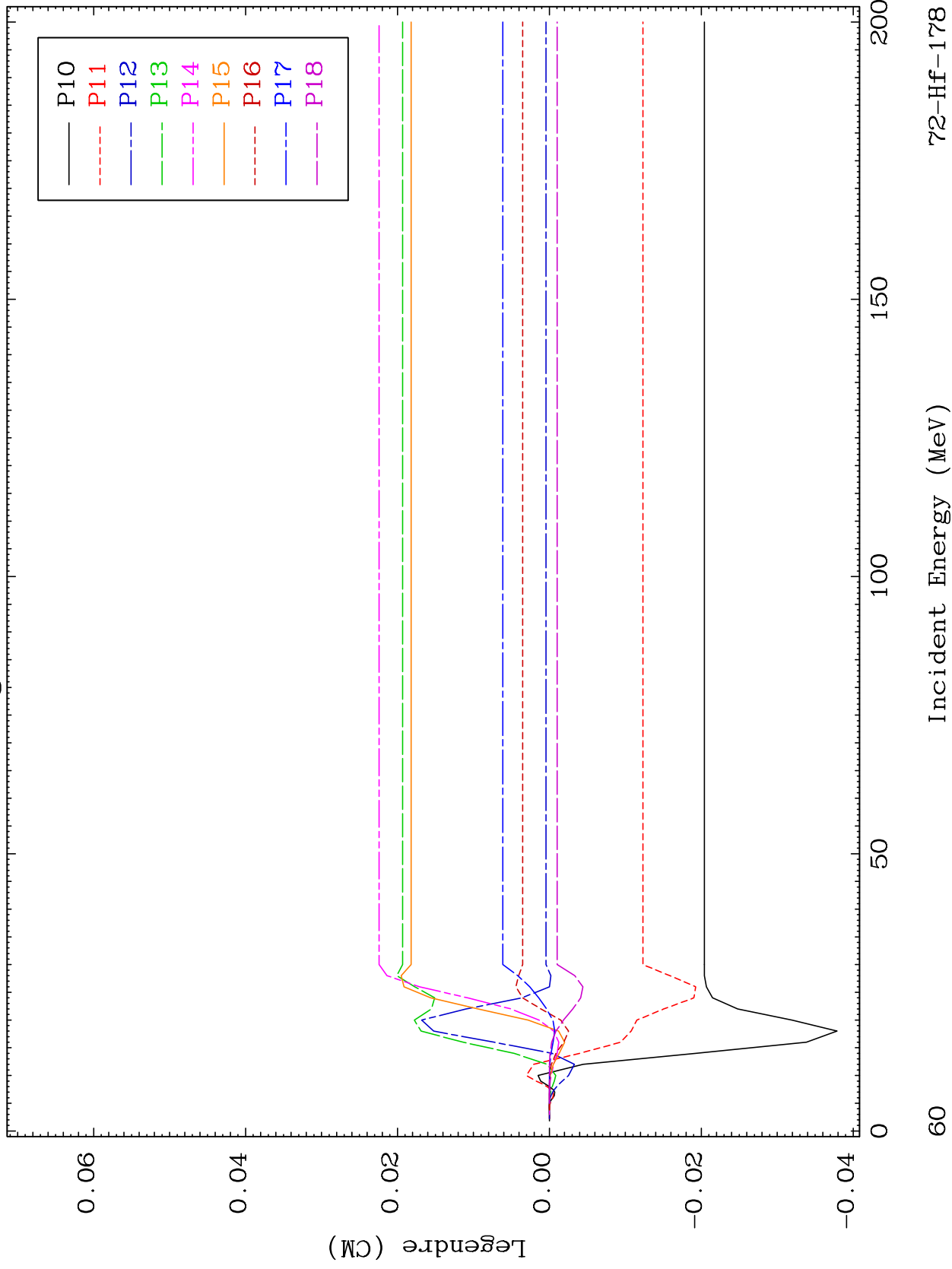
Incident Energy (MeV)

59

MAT 7237

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

72-Hf-178

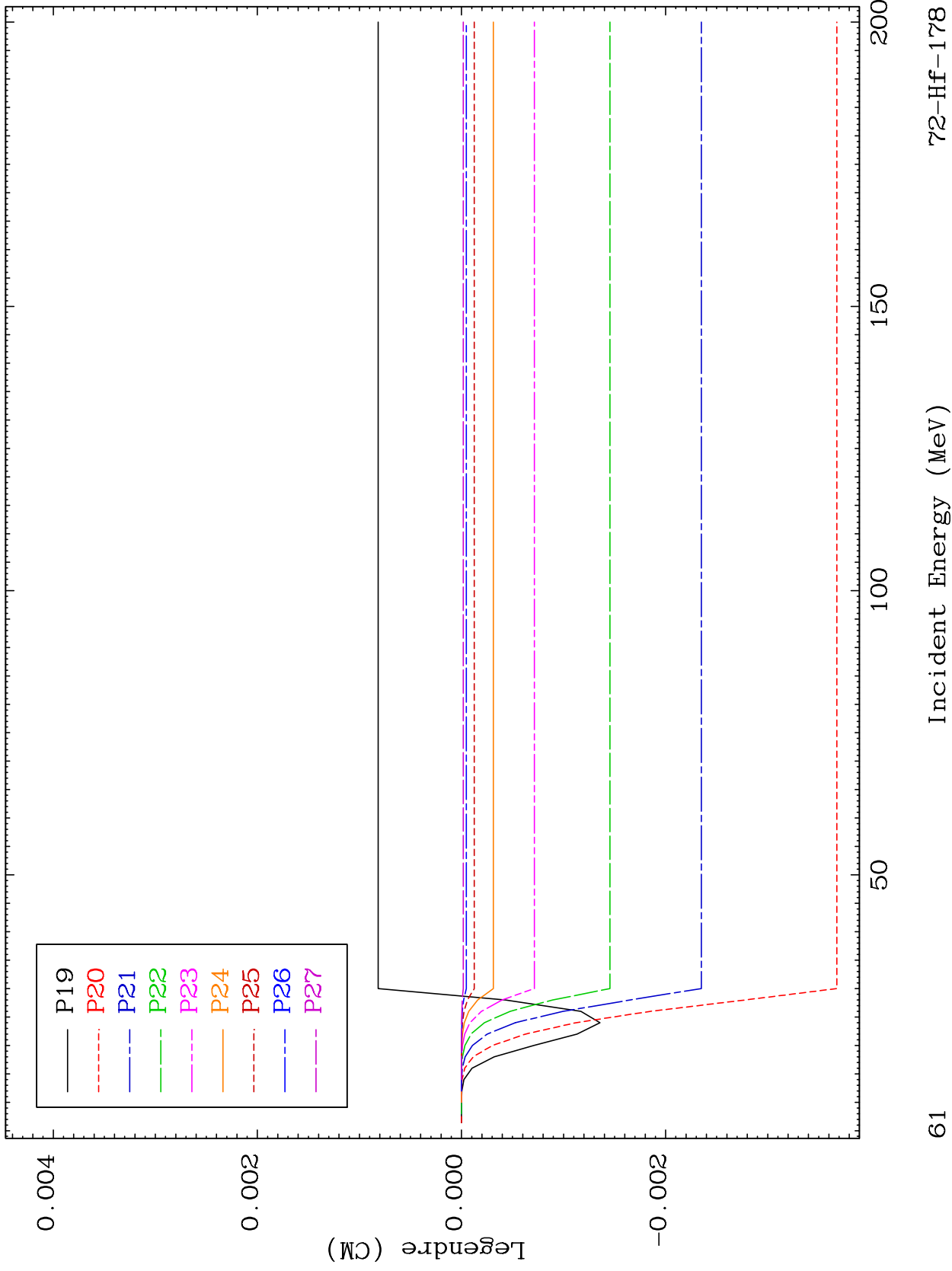


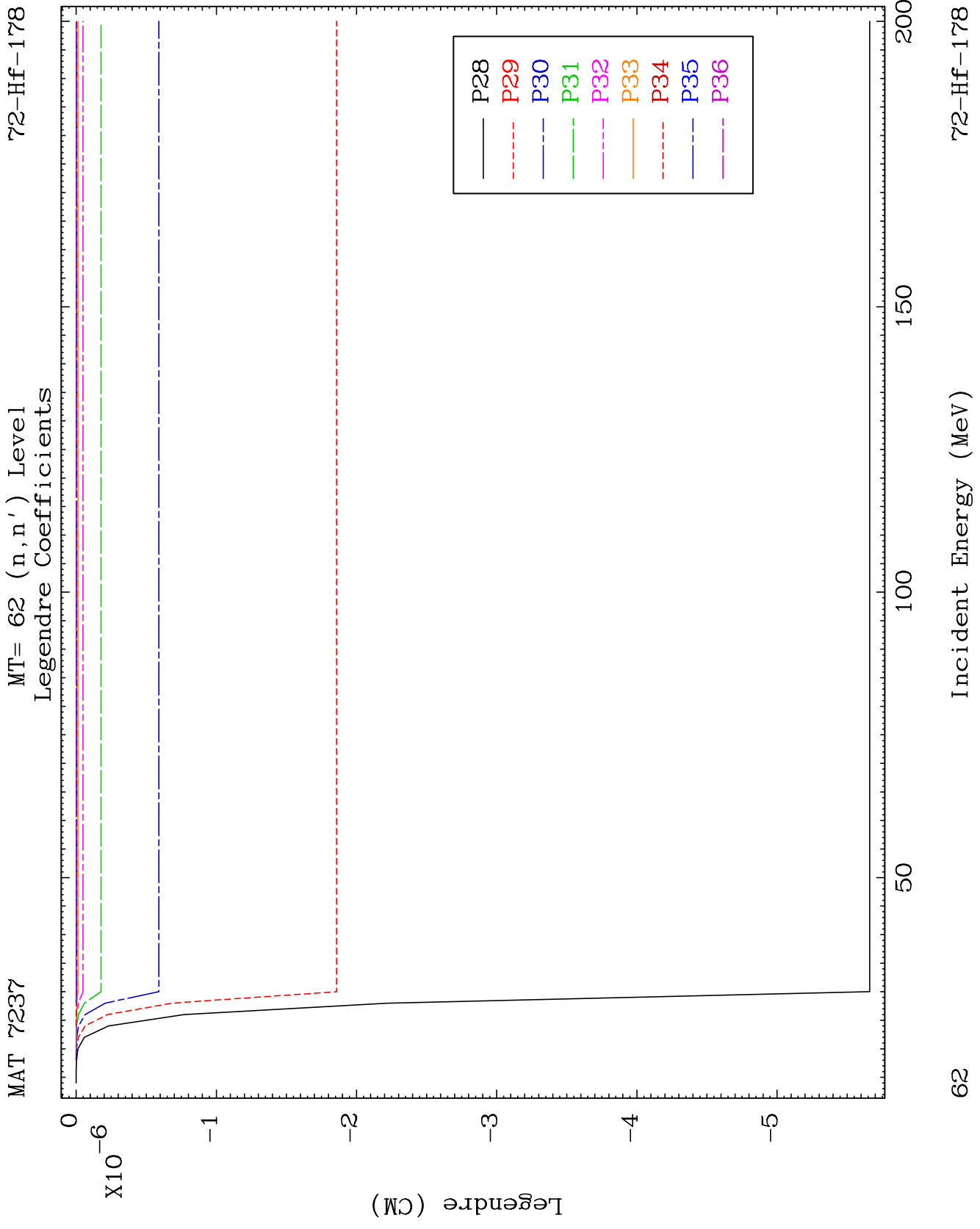
72-Hf-178

MAT 7237

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

72-Hf-178

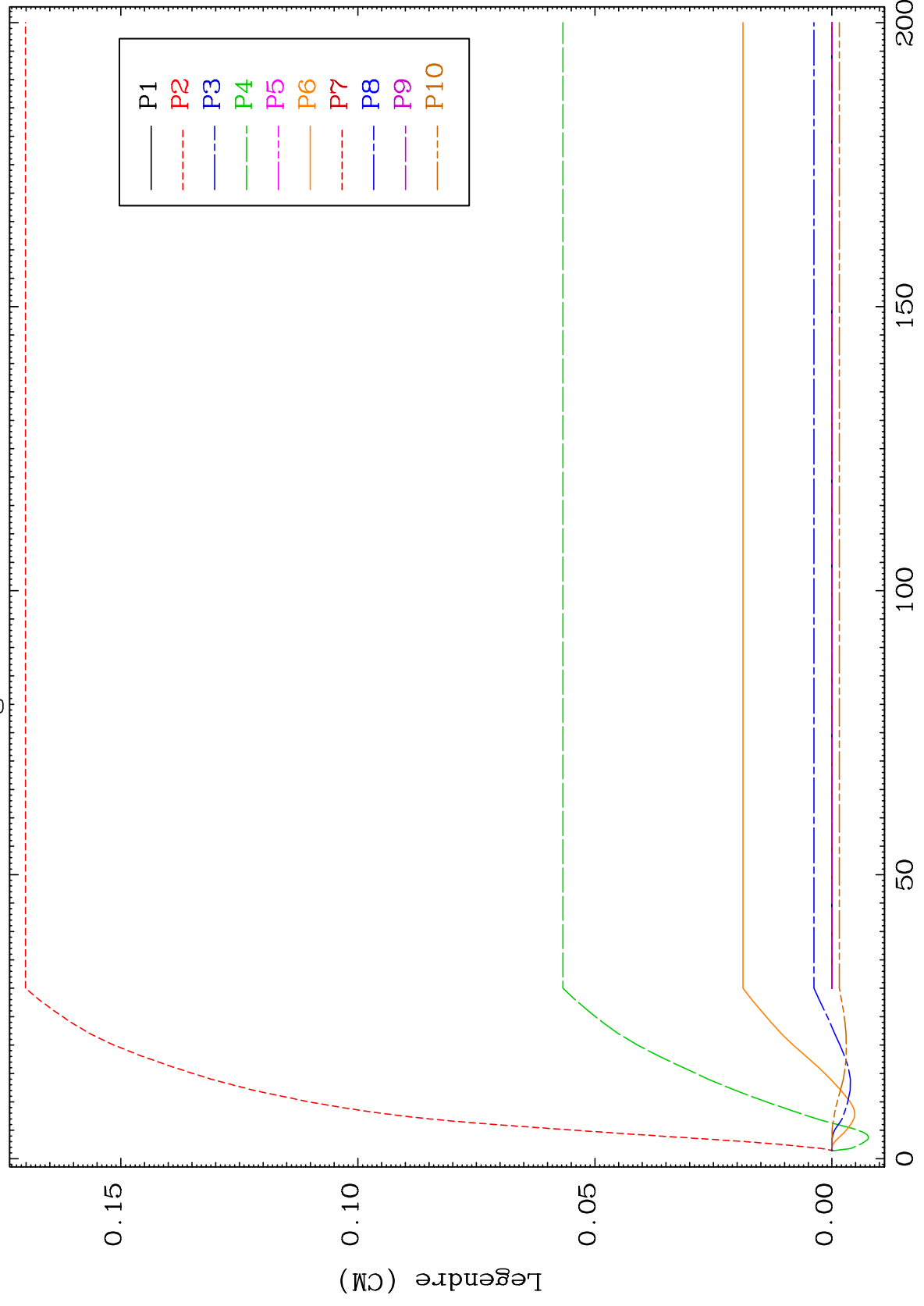




MAT 7237

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

72-Hf-178



63

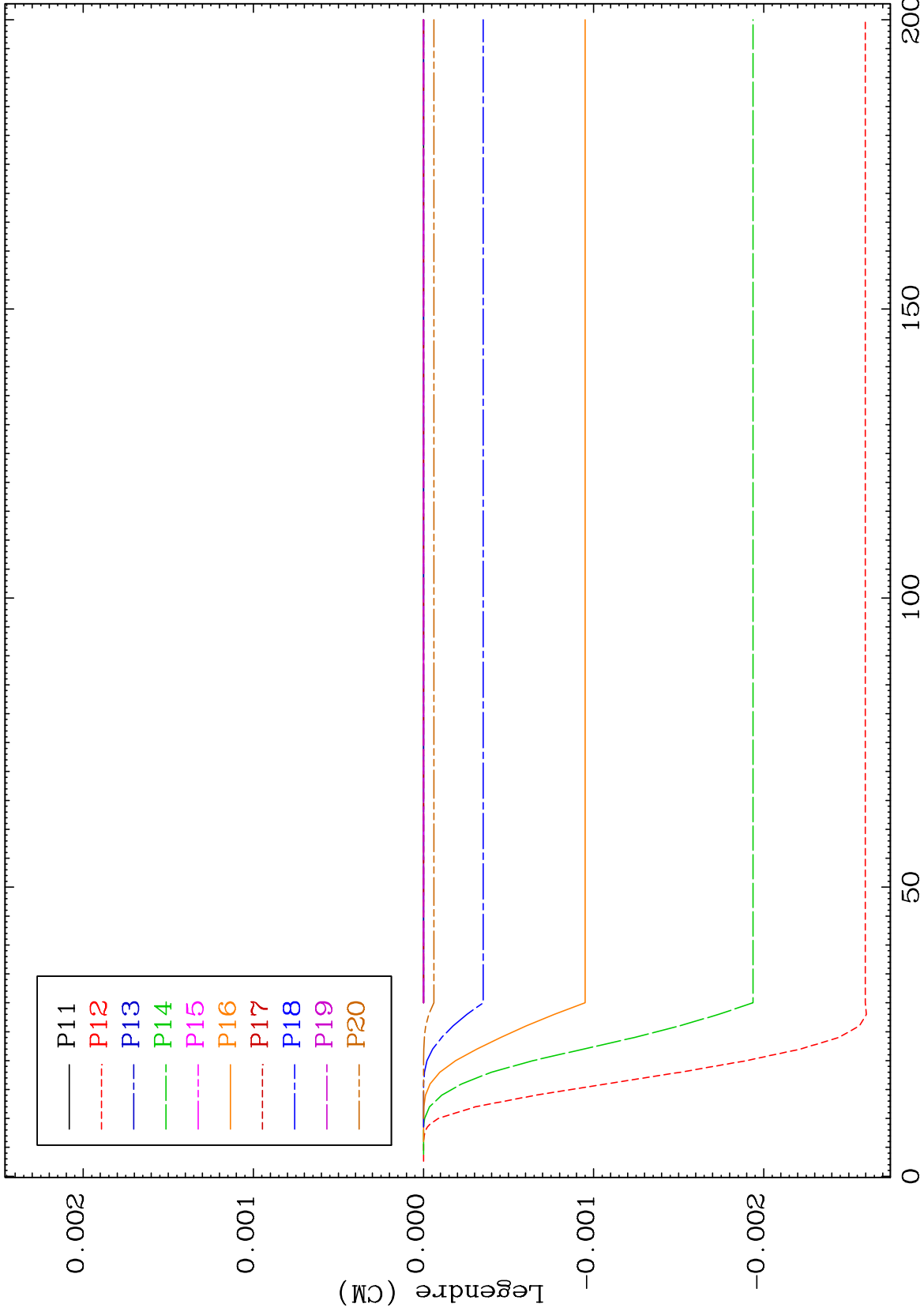
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

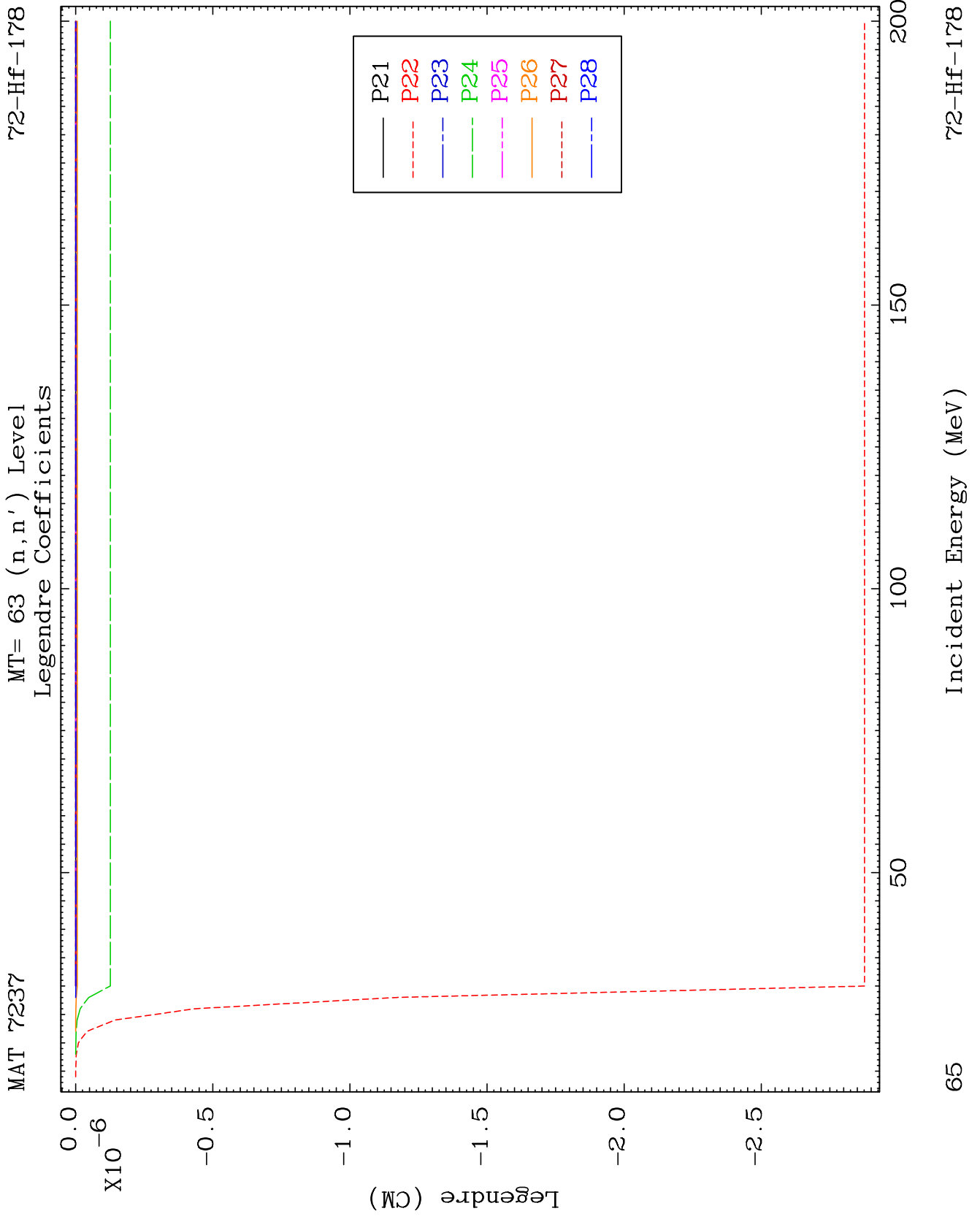
72-Hf-178



64

Incident Energy (MeV)

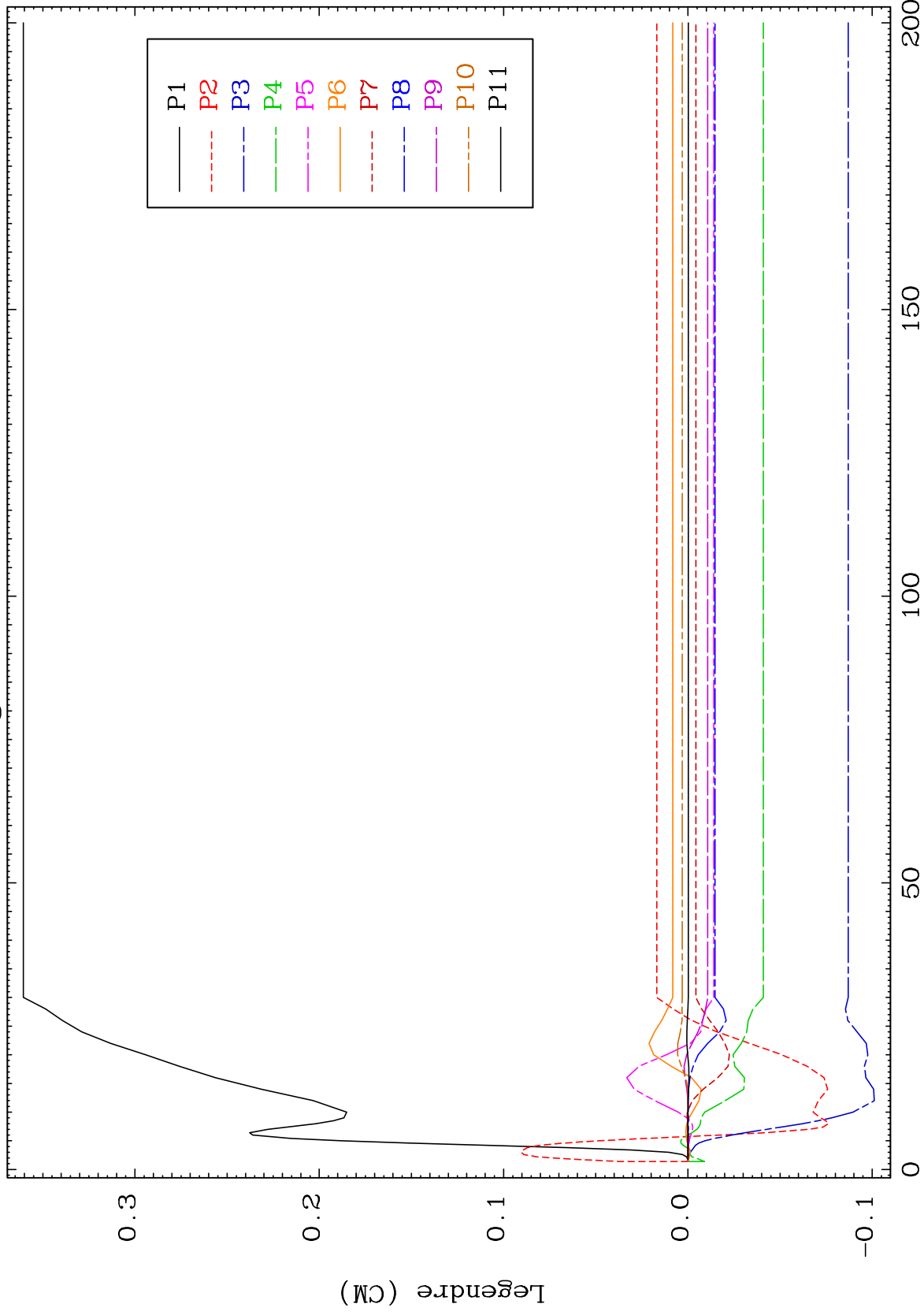
72-Hf-178



MAT 7237

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

72-Hf-178



66

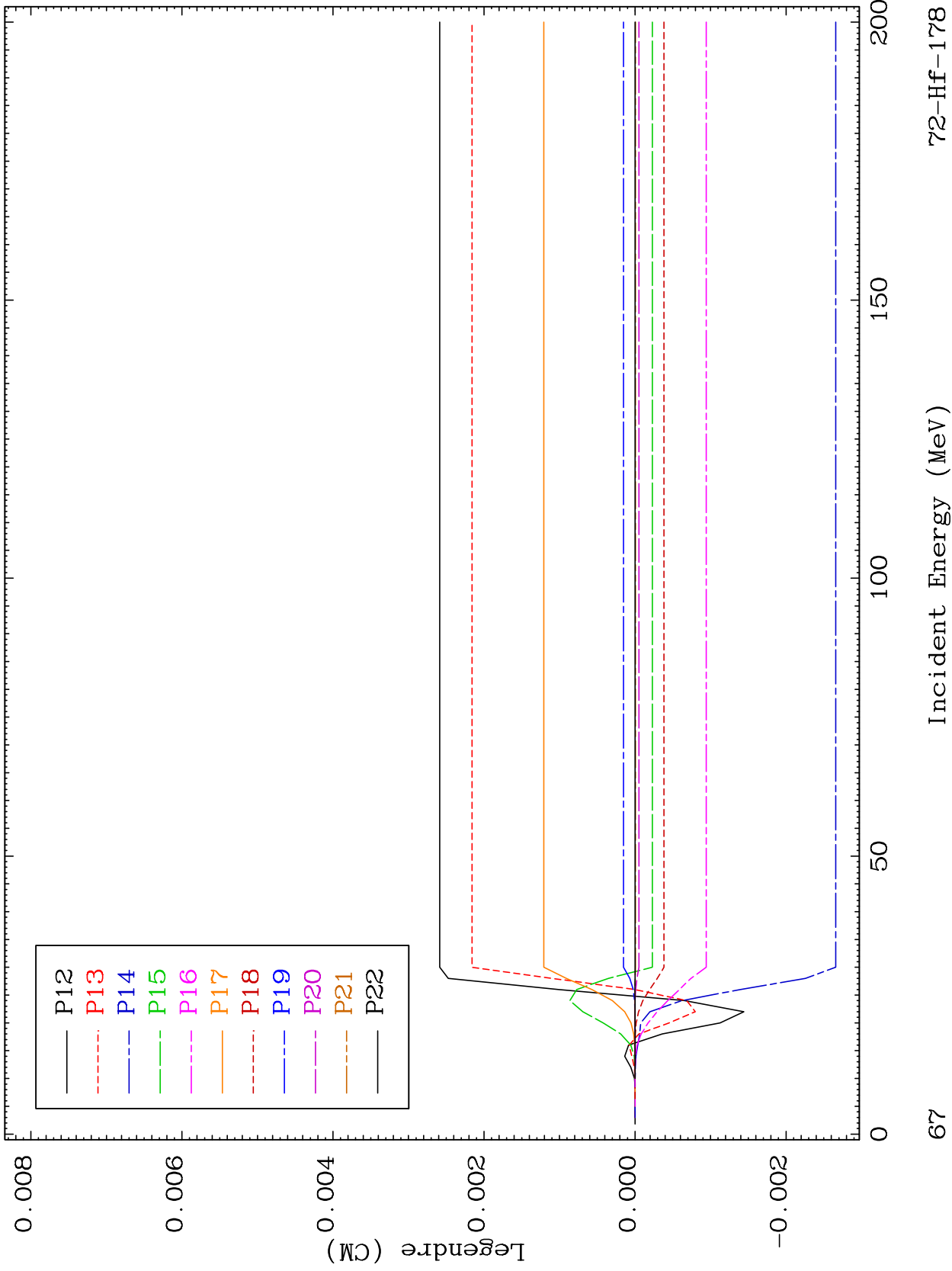
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



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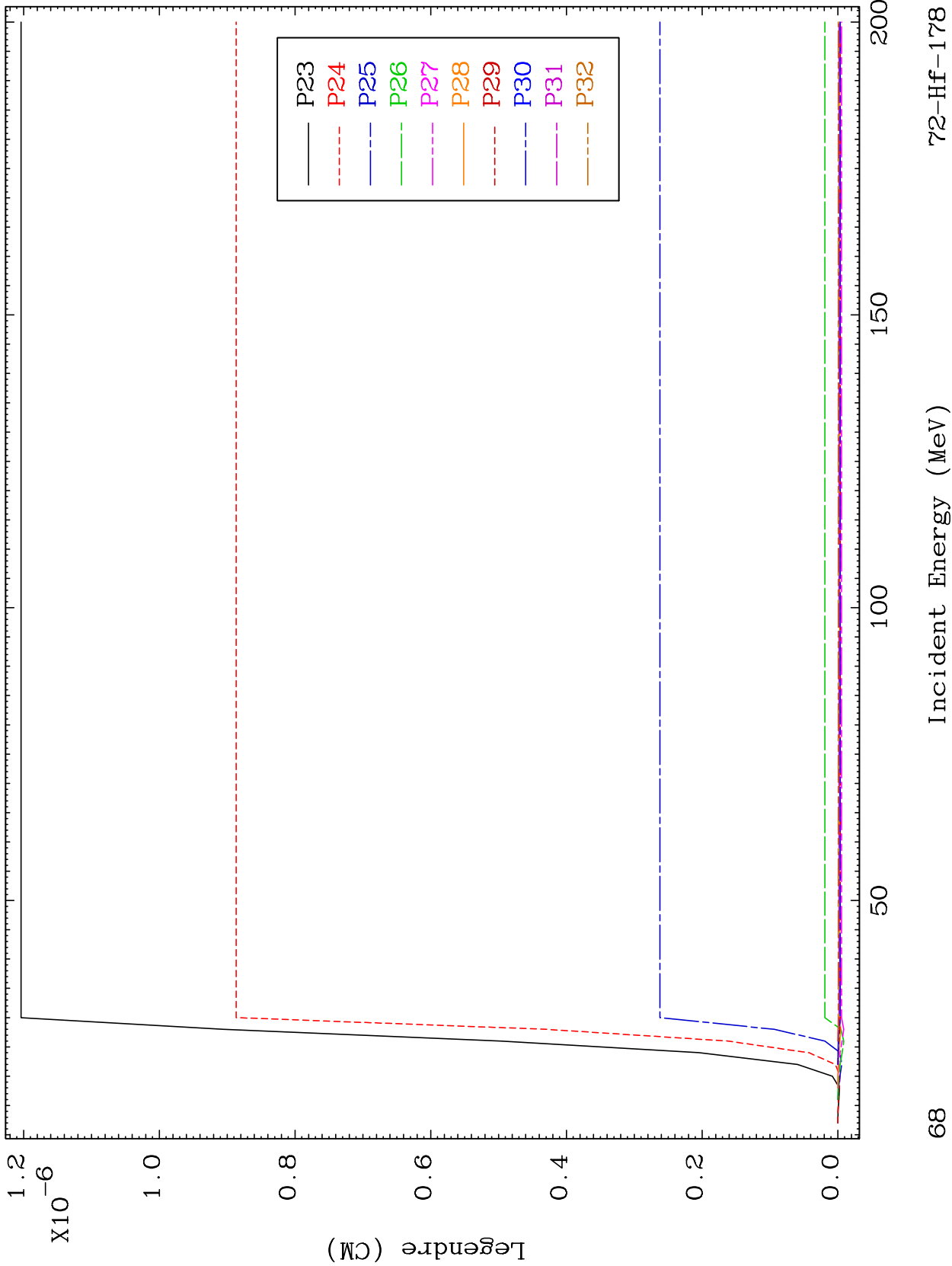
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



68

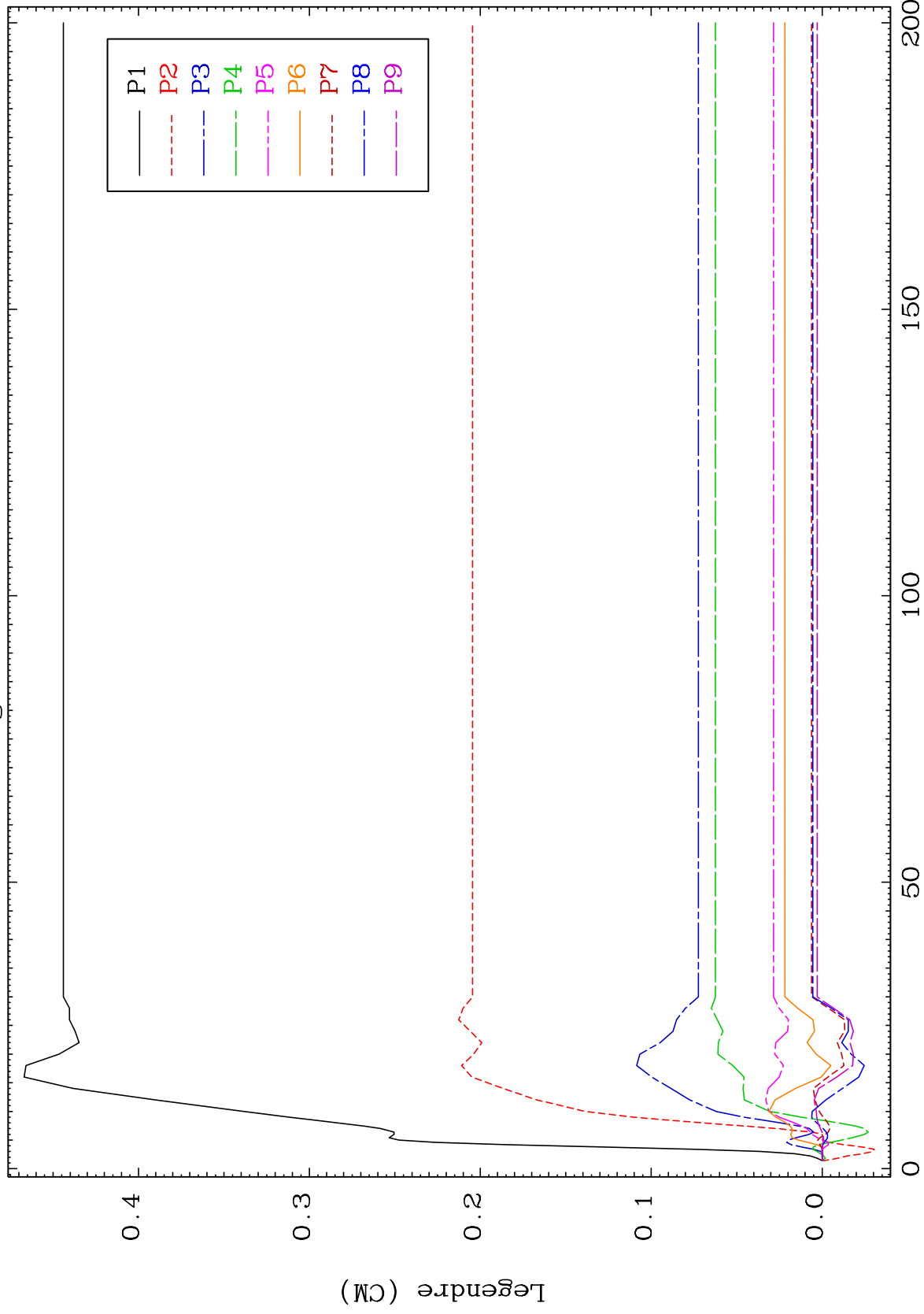
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



69

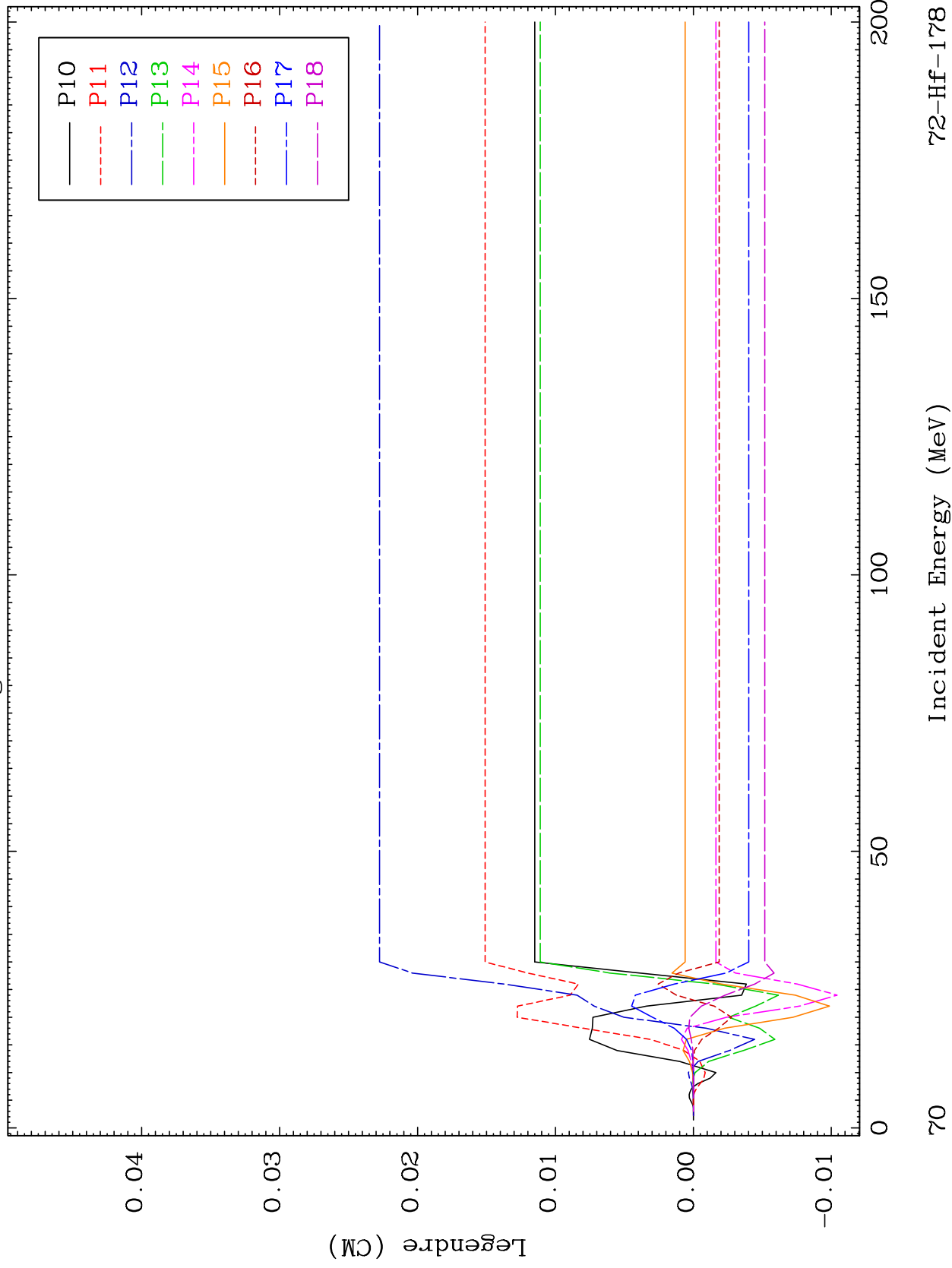
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



72-Hf-178

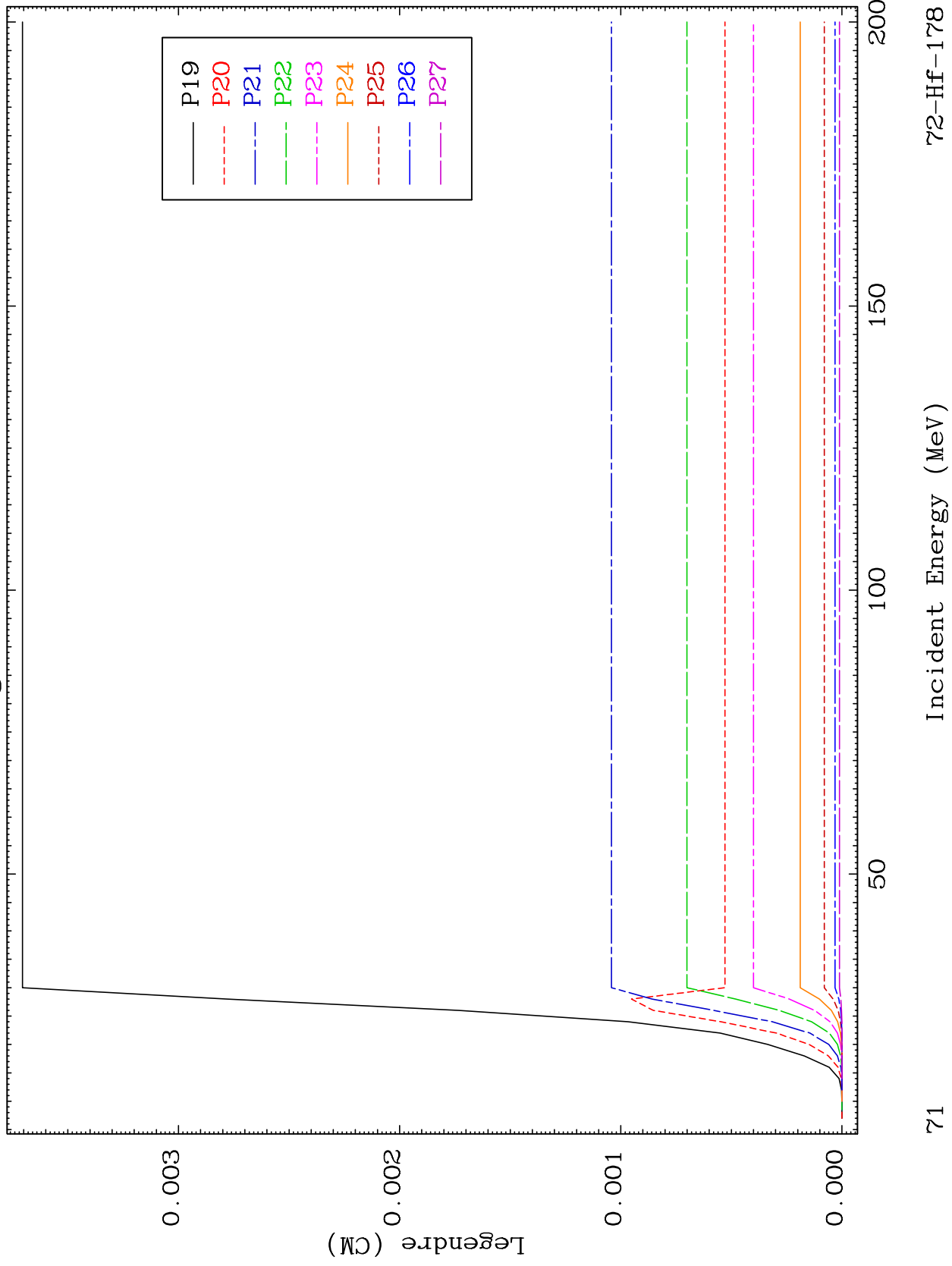
Incident Energy (MeV)

70

MAT 7237

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

72-Hf-178



71

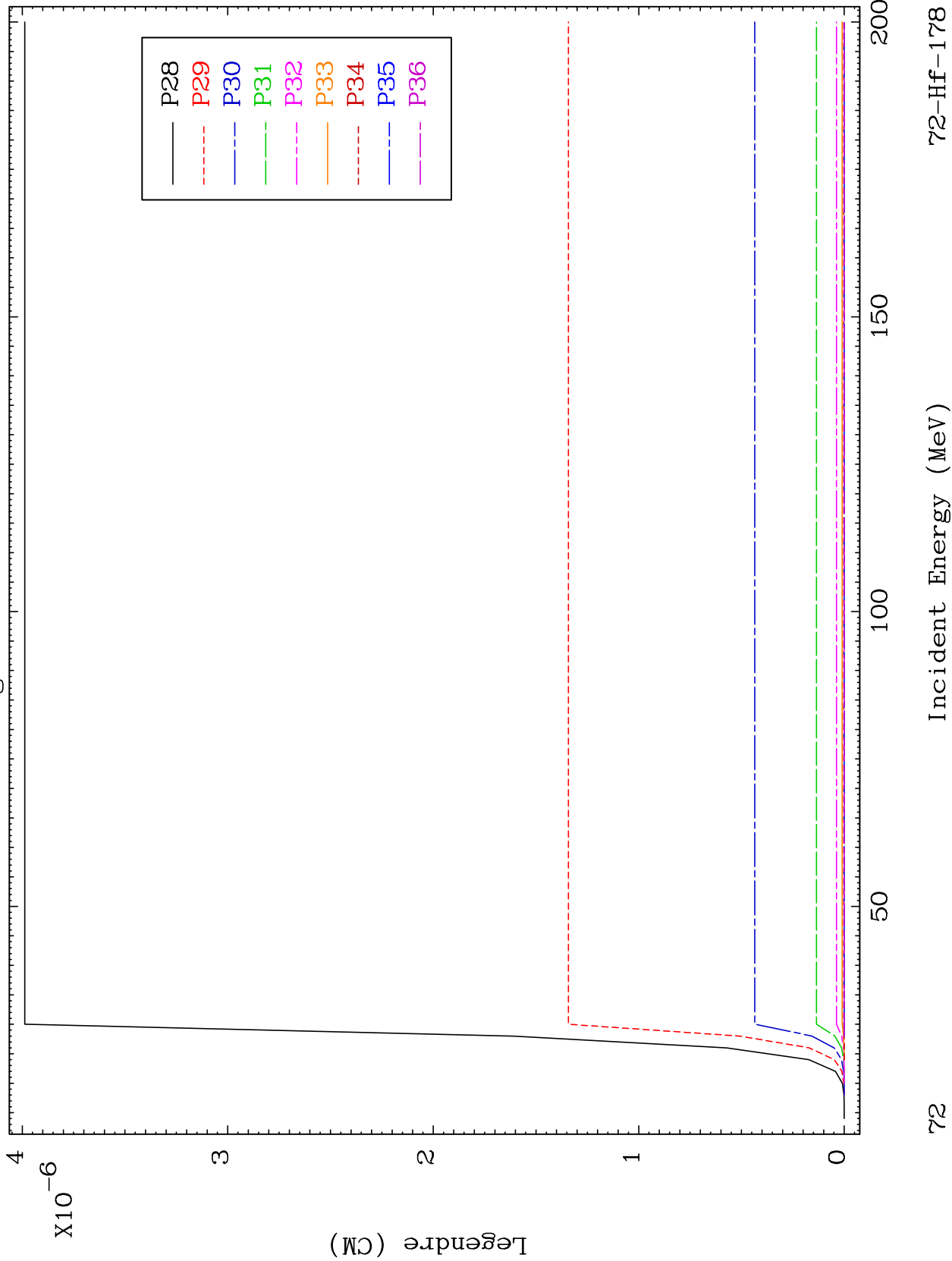
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



72

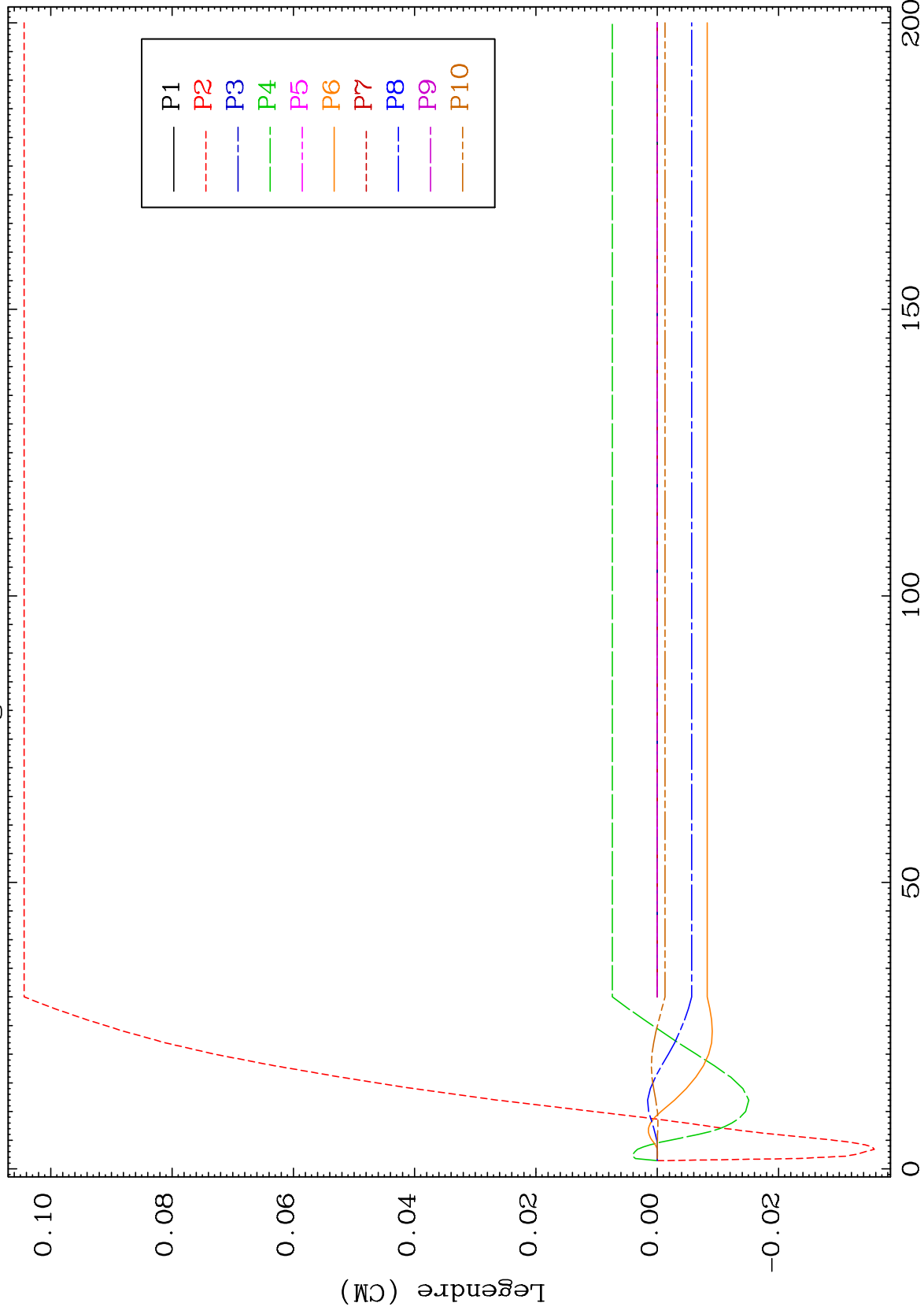
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



73

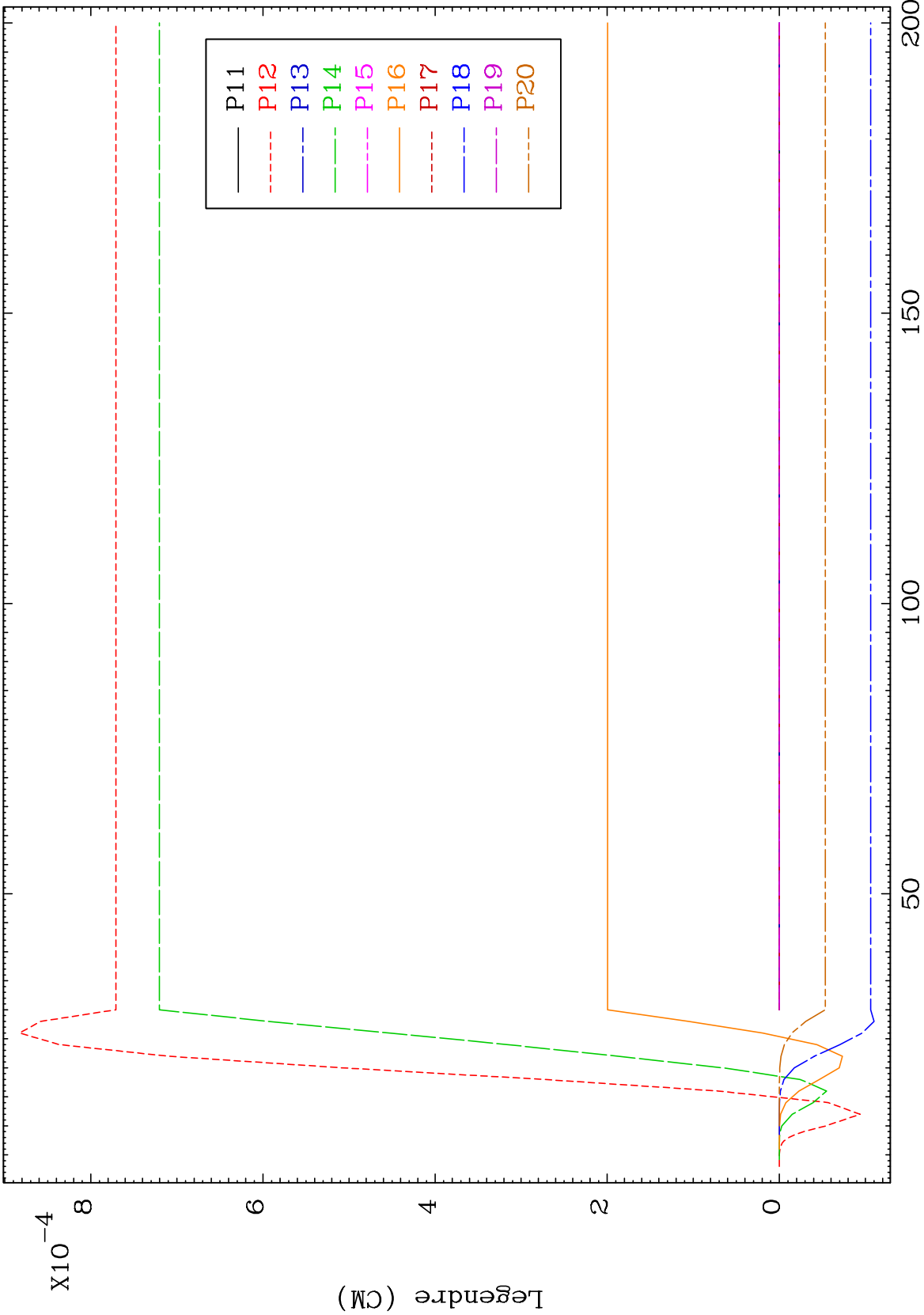
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



74

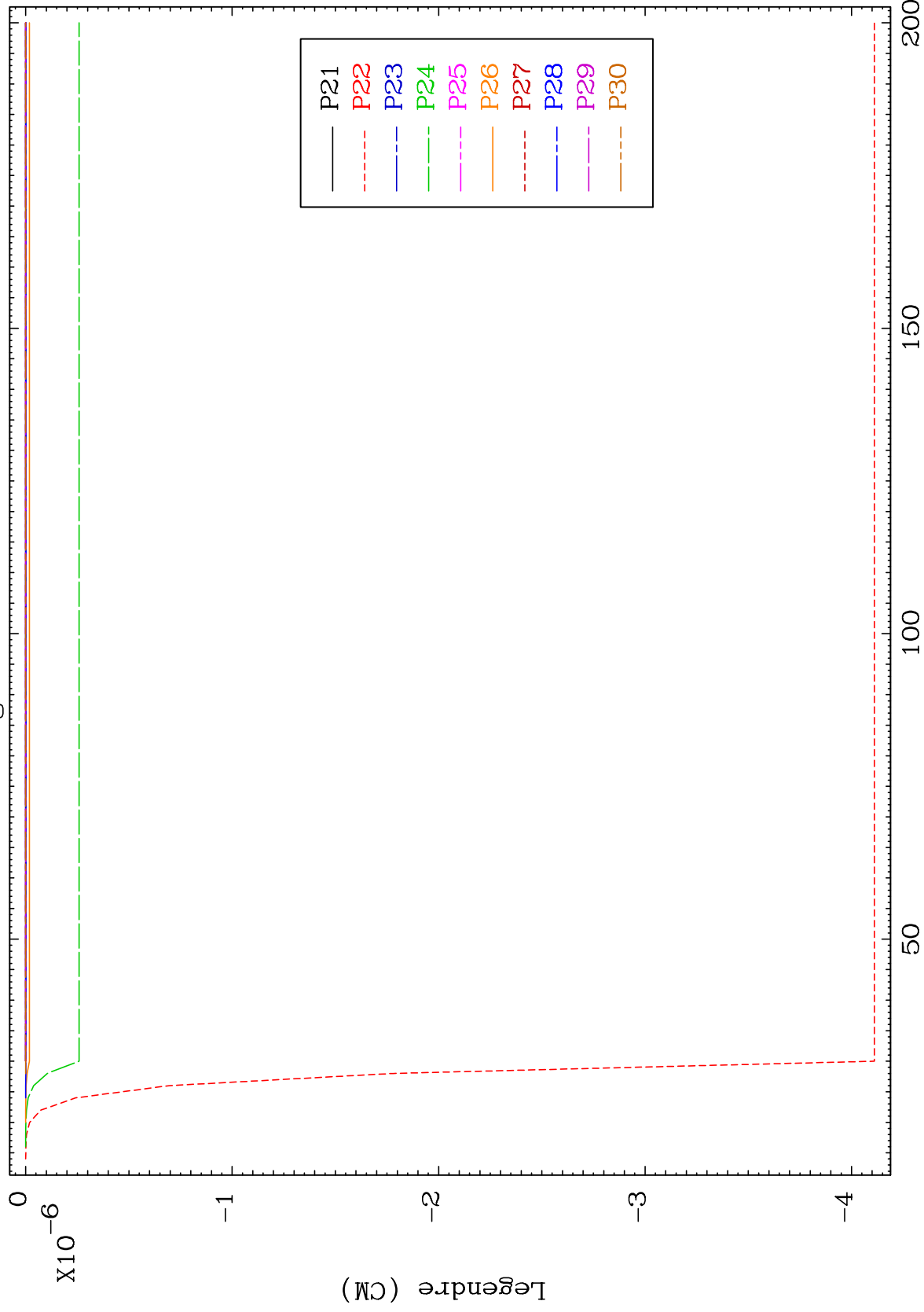
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



75

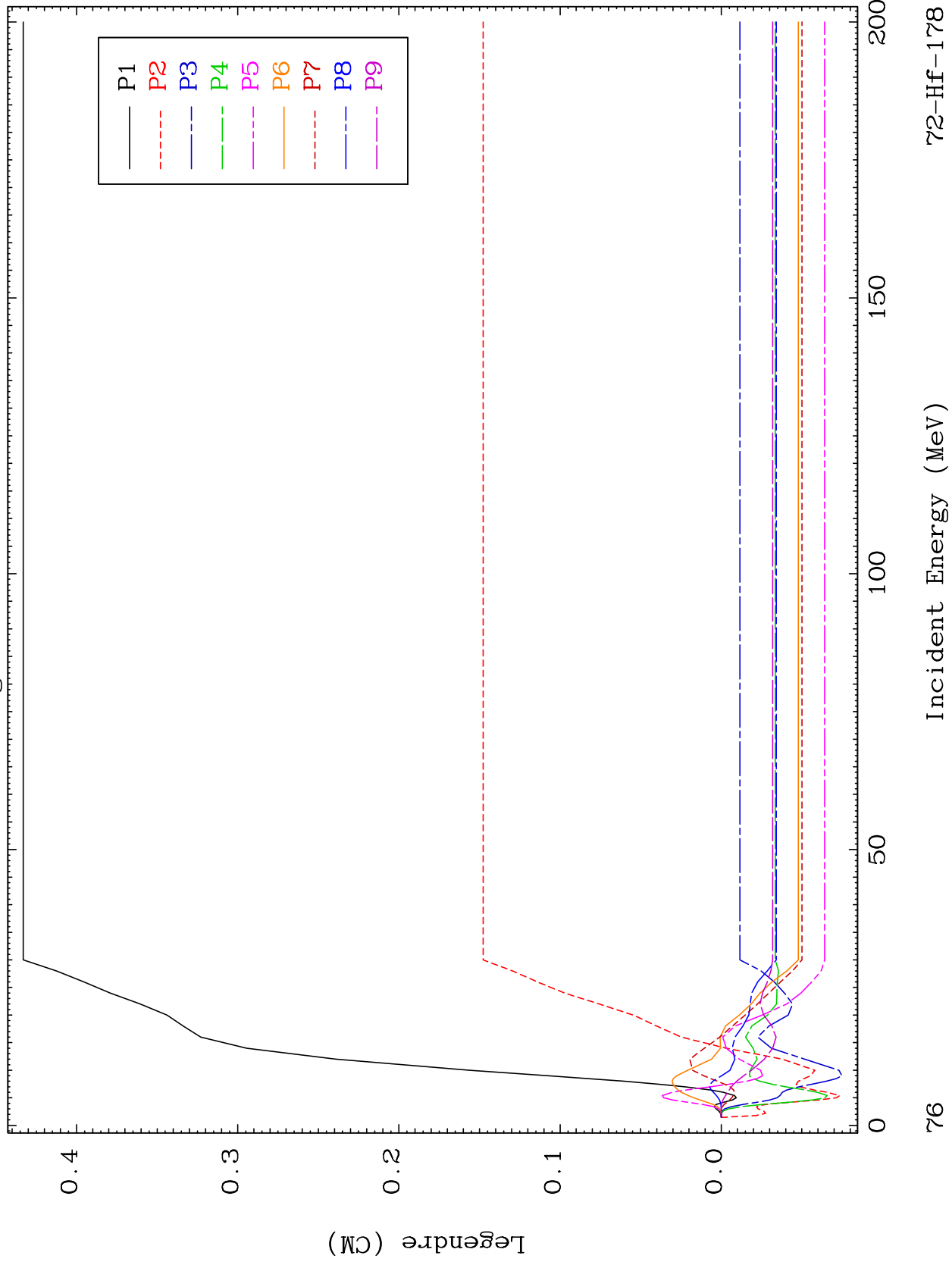
Incident Energy (MeV)

72-Hf-178

MAT 7237

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

72-Hf-178



72-Hf-178

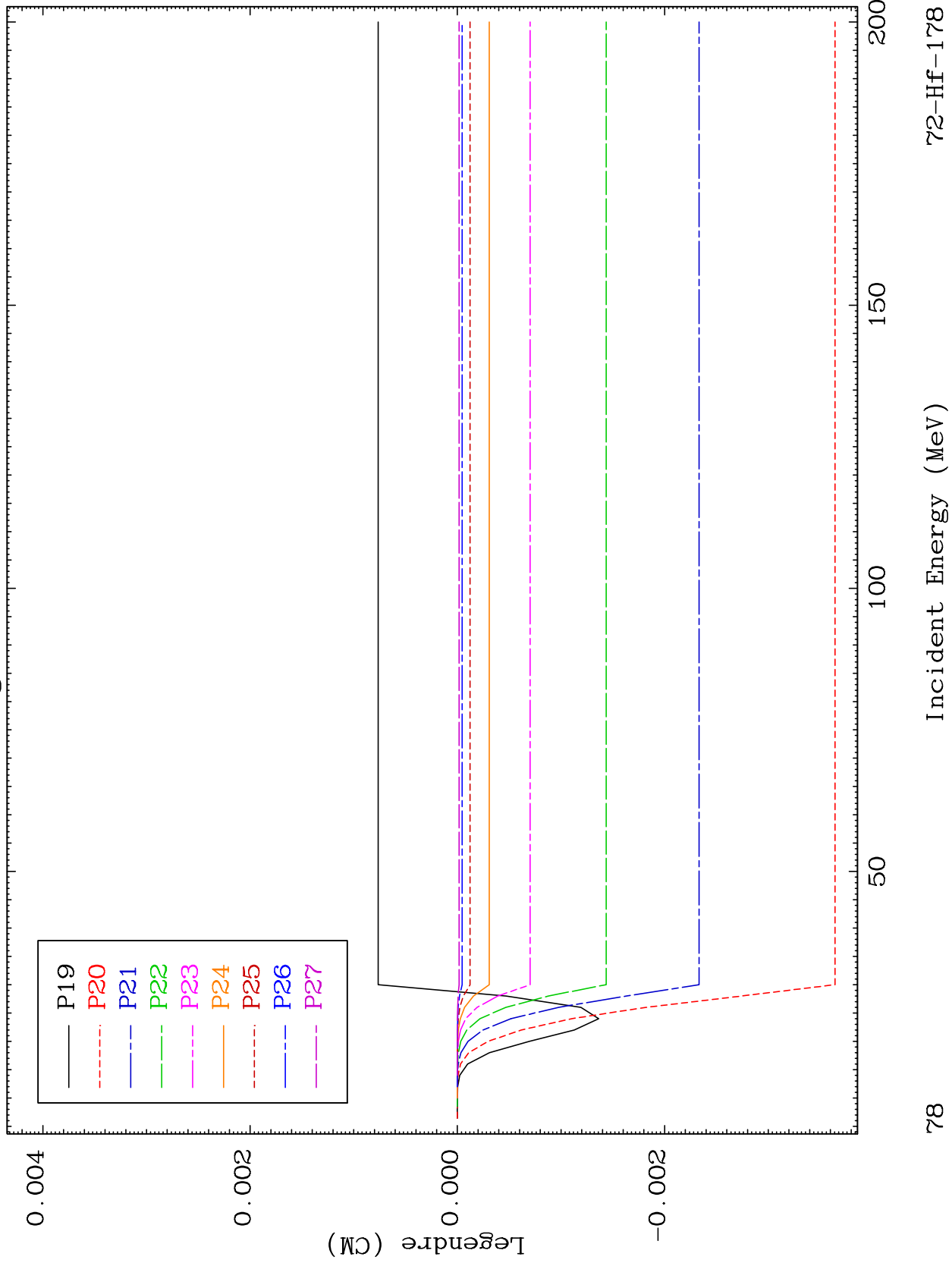
Incident Energy (MeV)

76

MAT 7237

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

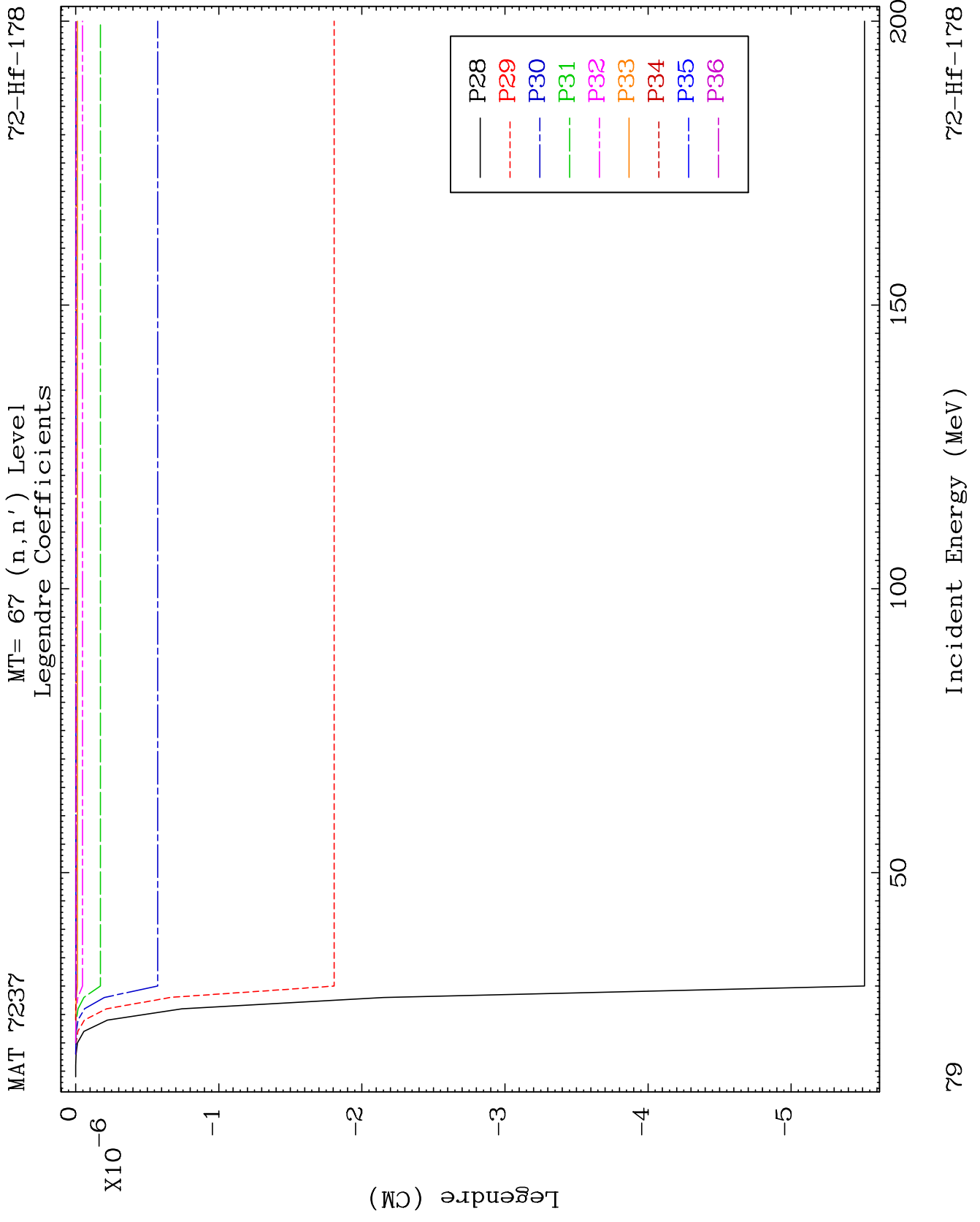
72-Hf-178

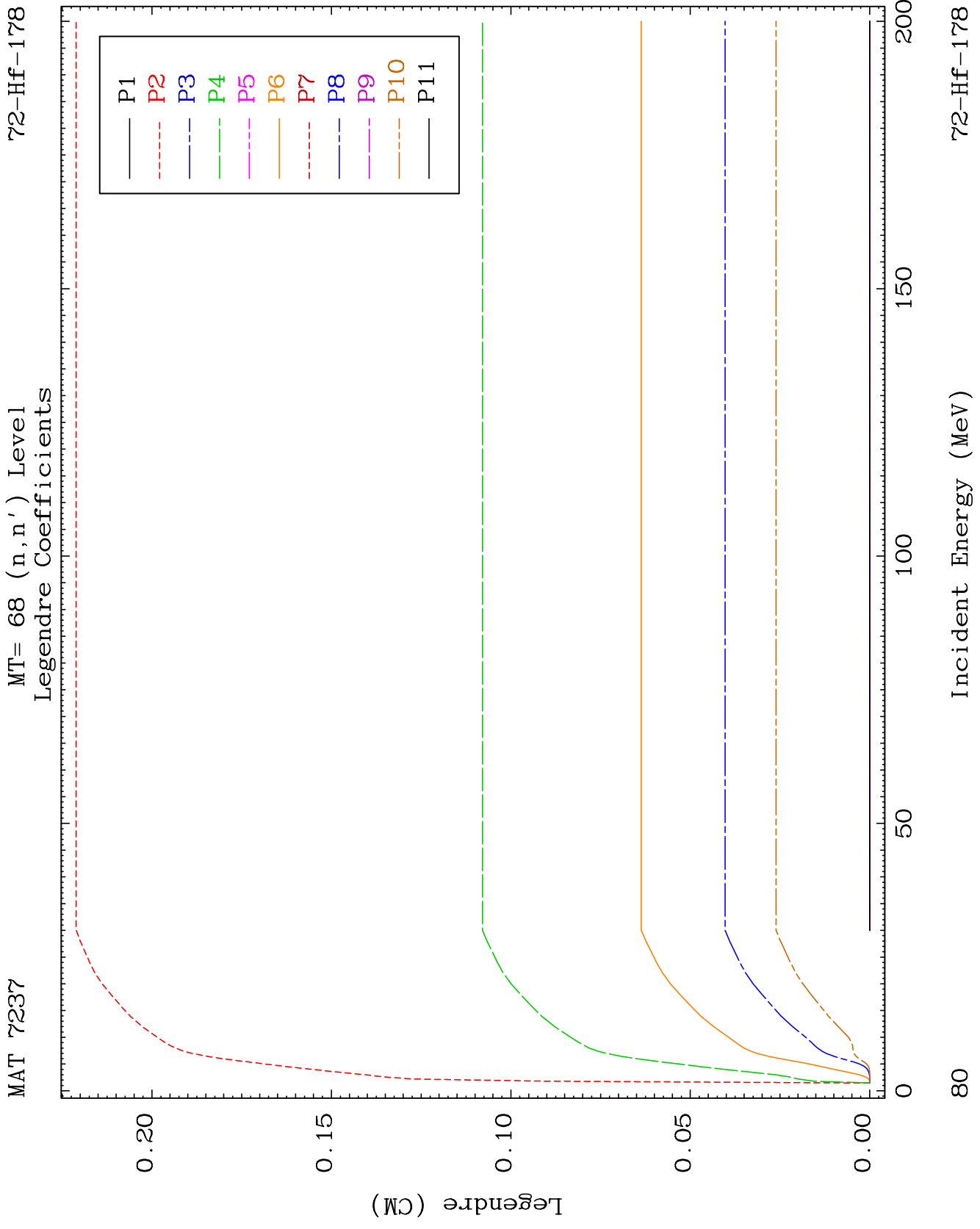


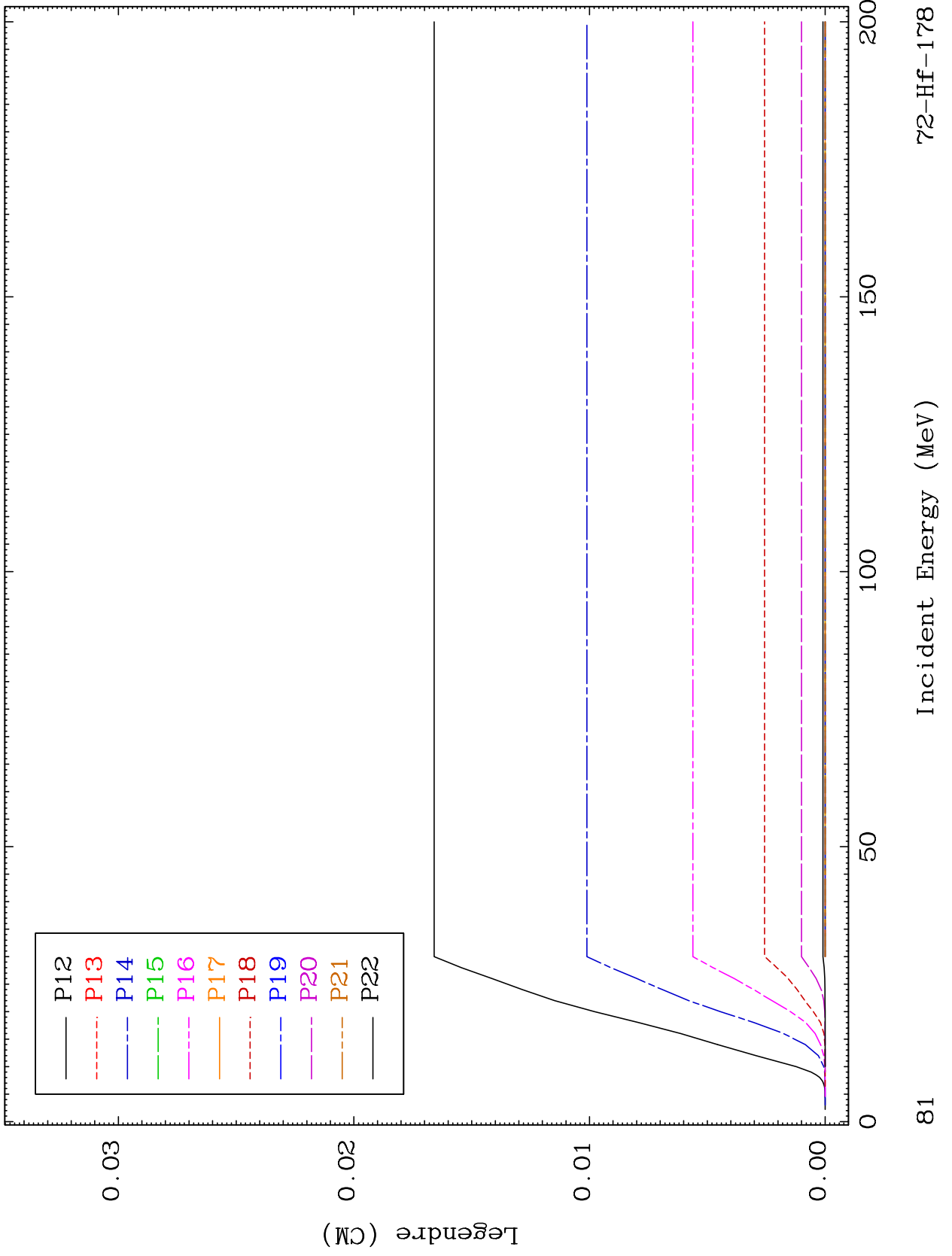
78

Incident Energy (MeV)

72-Hf-178



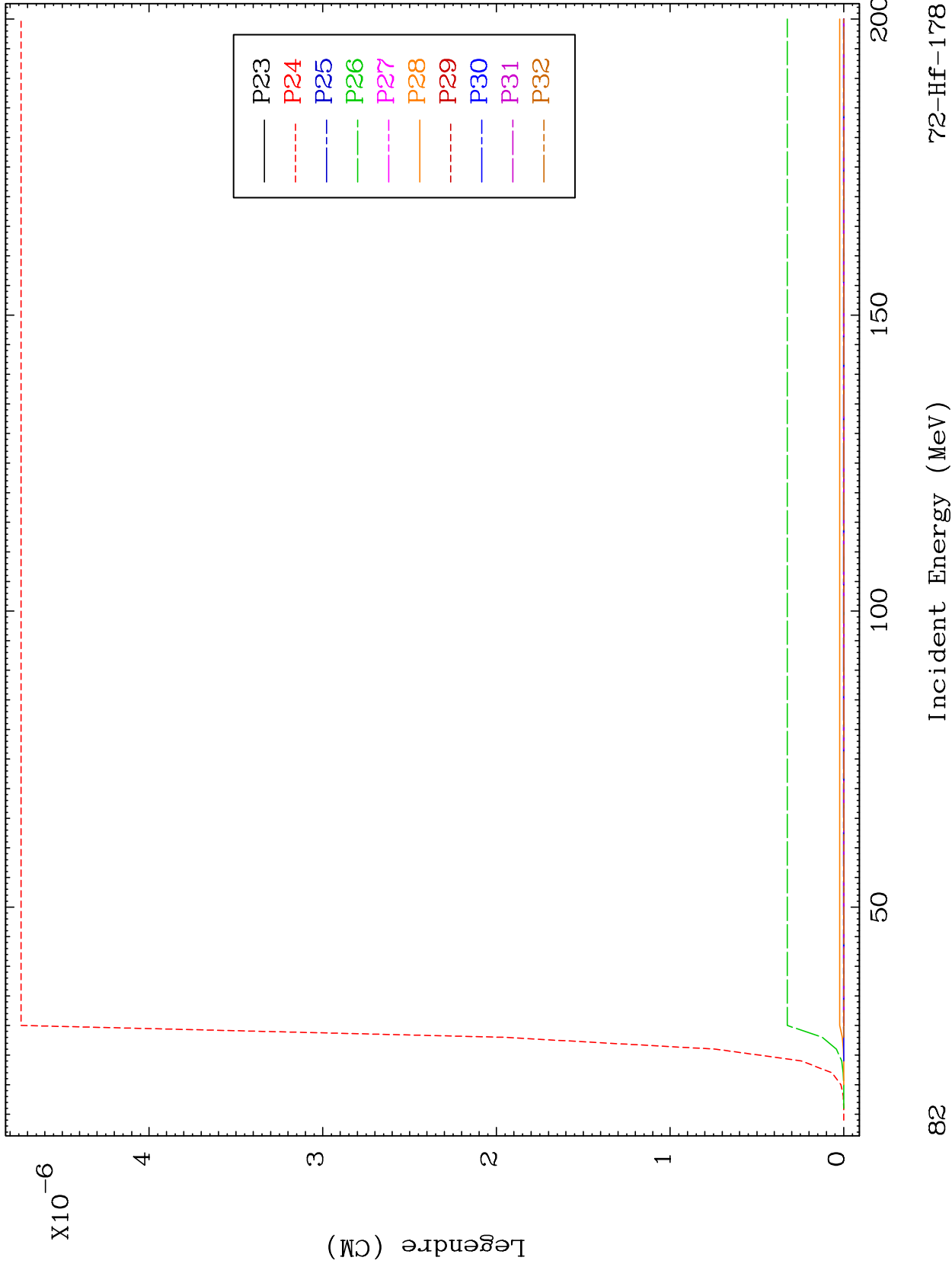




MAT 7237

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

72-Hf-178



82

Incident Energy (MeV)

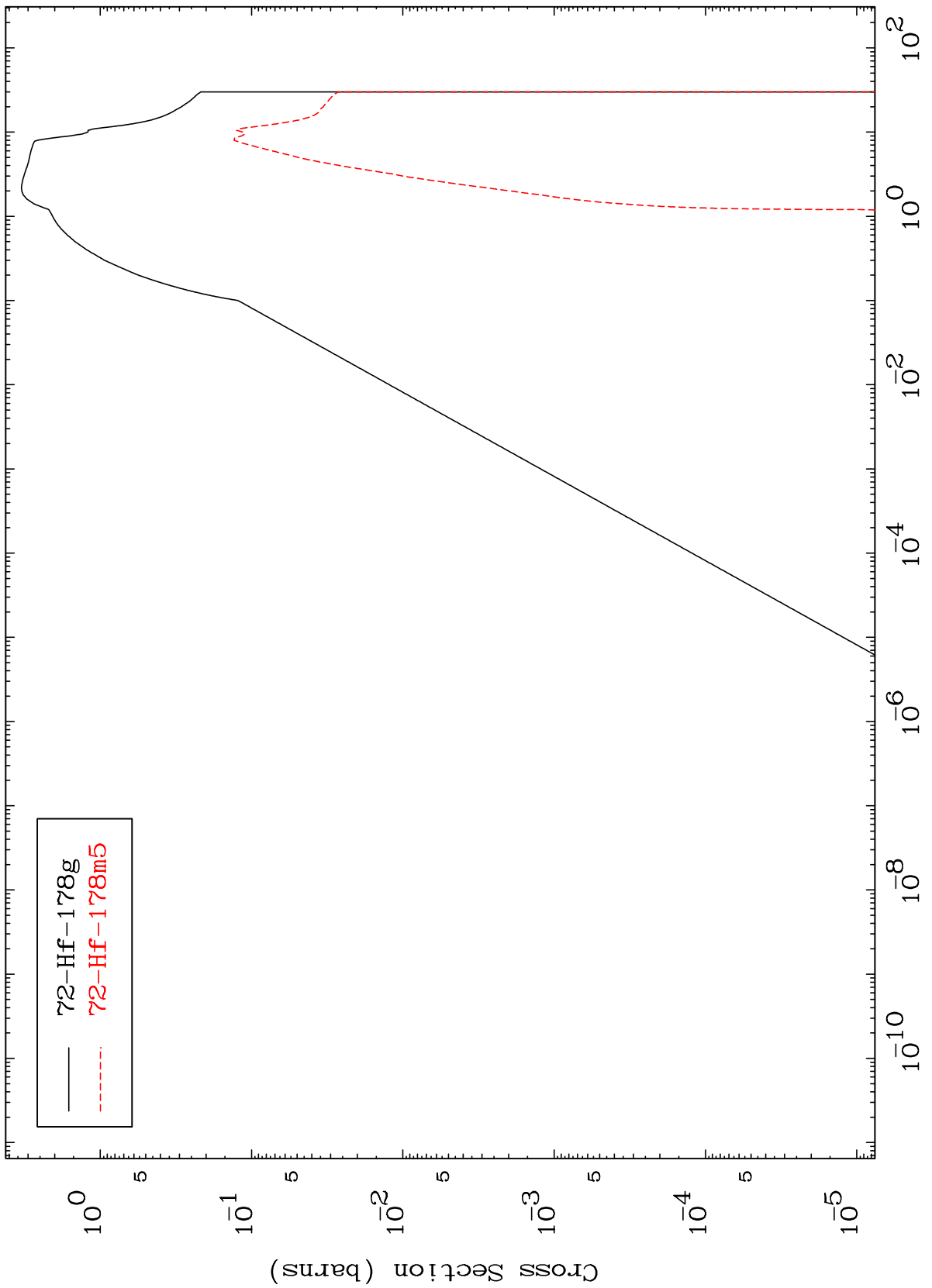
72-Hf-178

MAT 7237

Inelastic

72-Hf-178

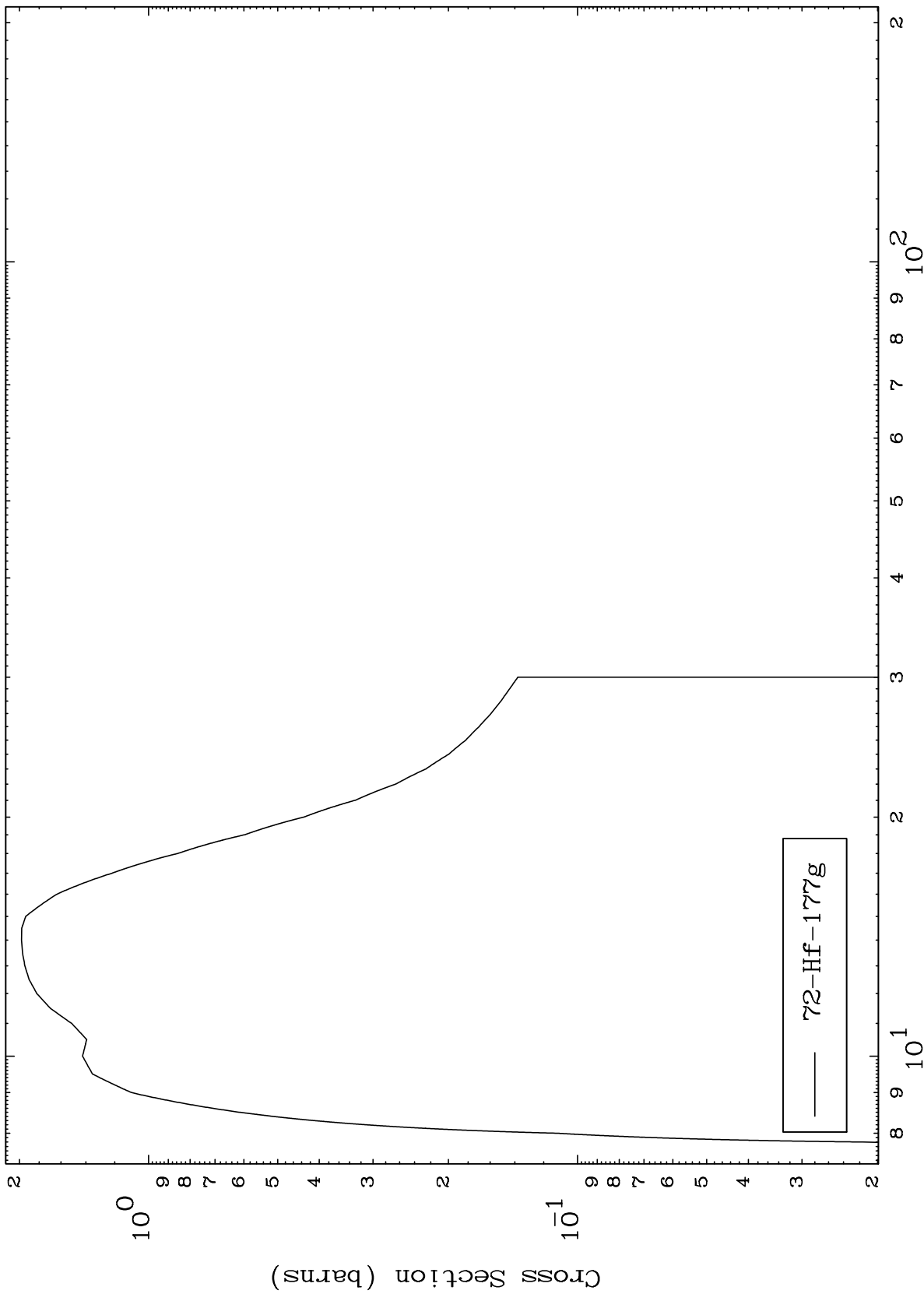
Radionuclide Production Cross Section



MAT 7237

72-Hf-178

(n,2n)
Radionuclide Production Cross Section



72-Hf-177g

84

Incident Energy (MeV)

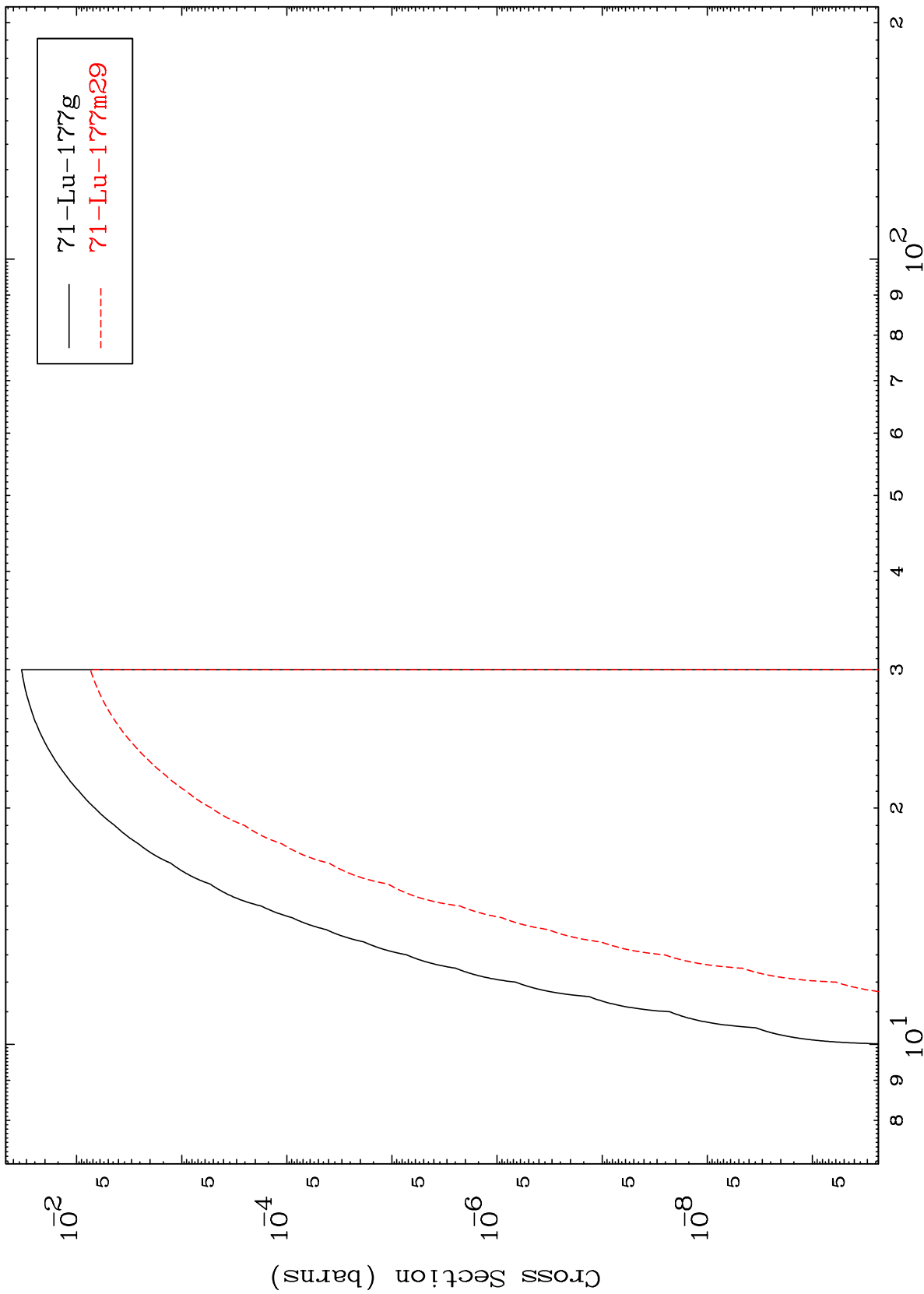
72-Hf-178

MAT 7237

(n,n') p

72-Hf-178

Radionuclide Production Cross Section

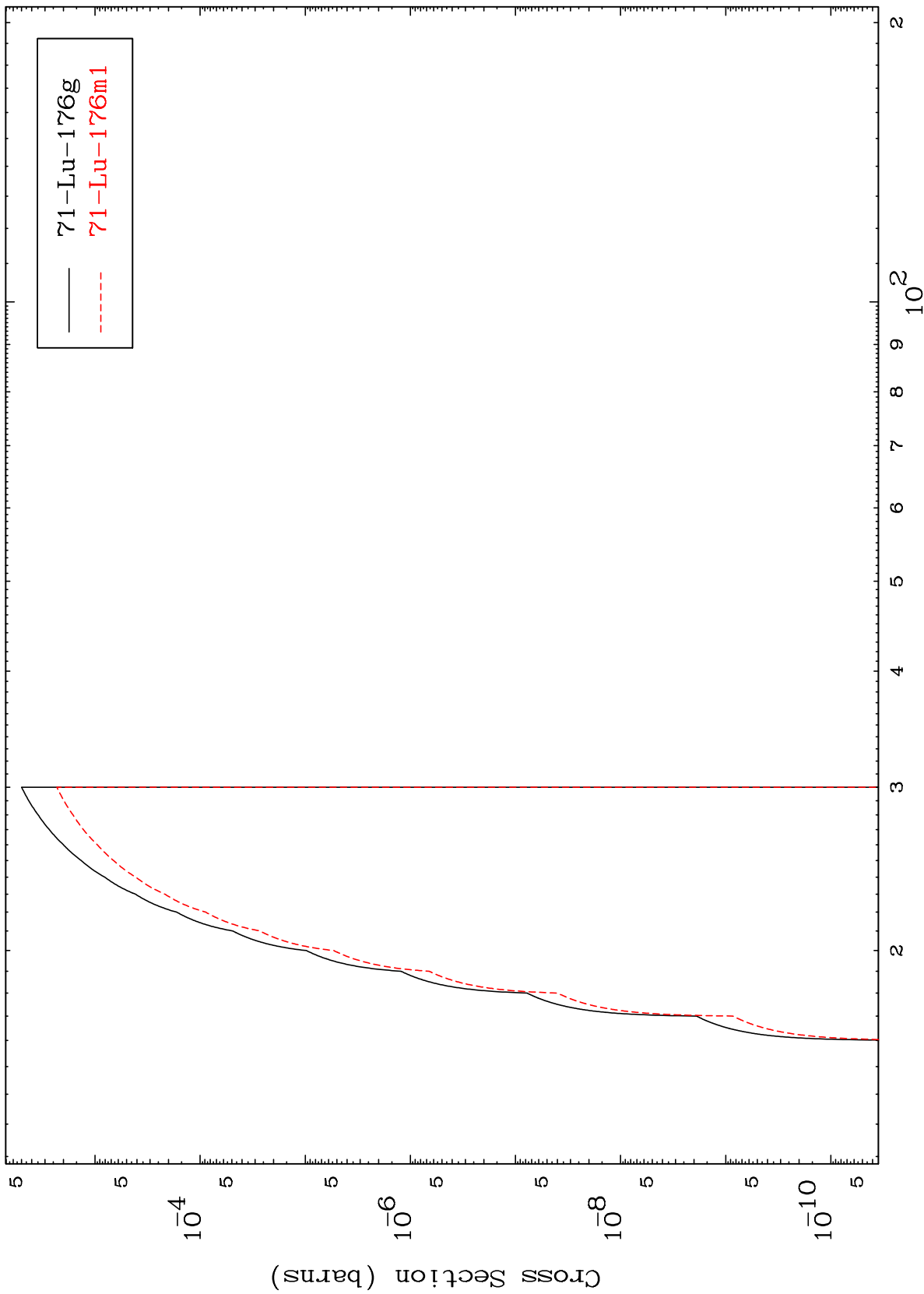


85

Incident Energy (MeV)

72-Hf-178

Radionuclide Production Cross Section



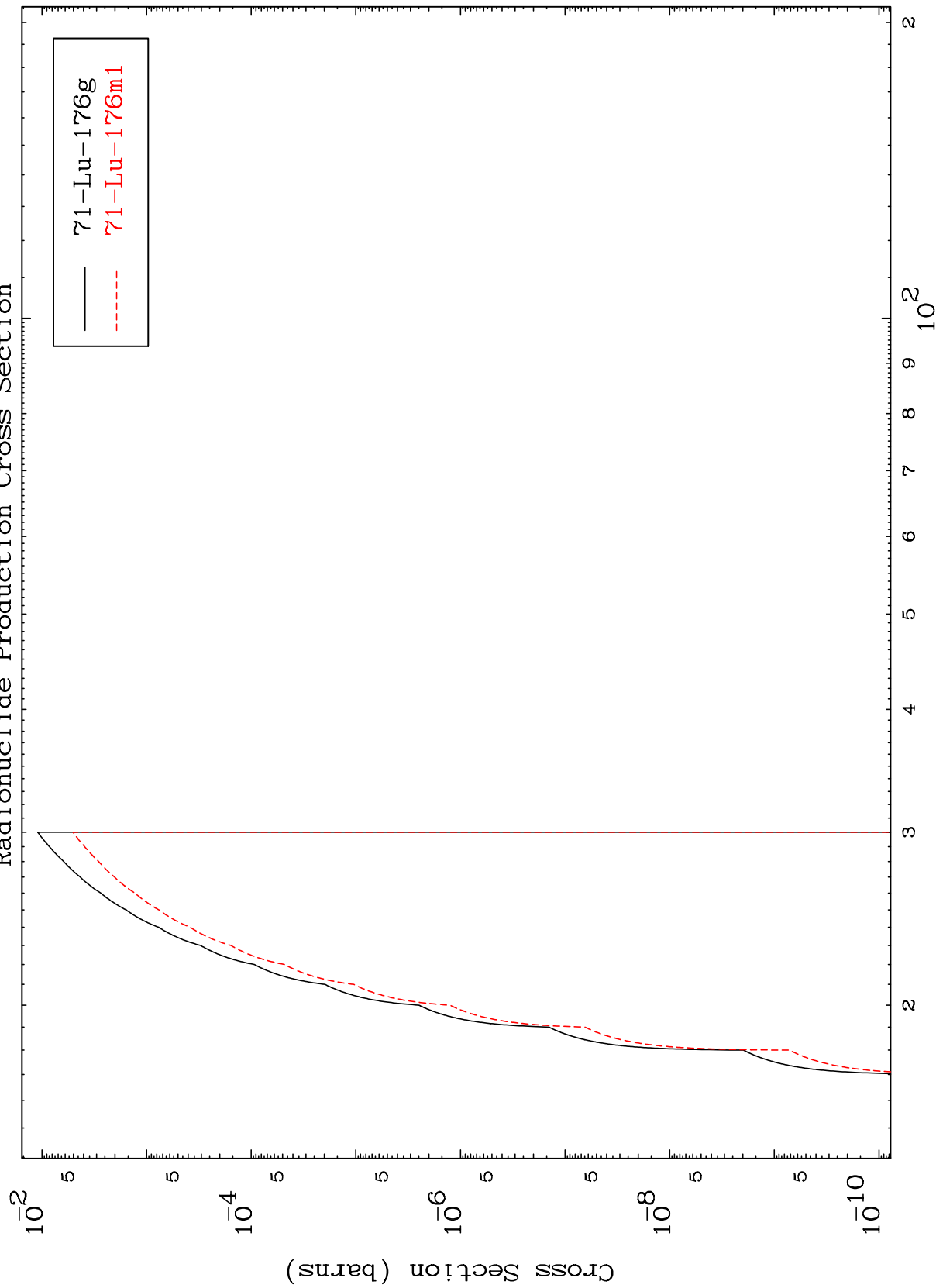
71-Lu-176g
71-Lu-176m1

MAT 7237

(n,2n) p

72-Hf-178

Radionuclide Production Cross Section

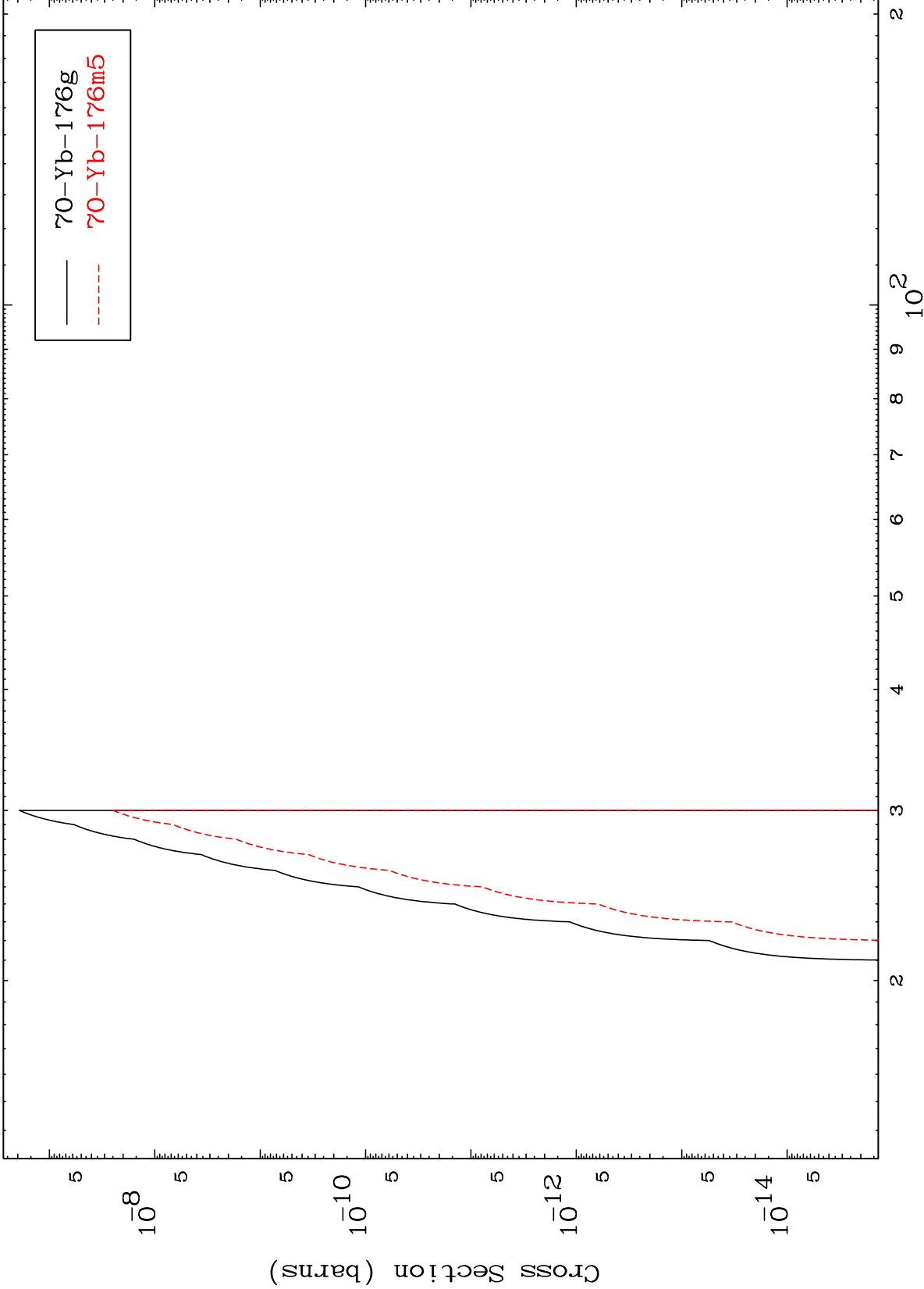


87

Incident Energy (MeV)

72-Hf-178

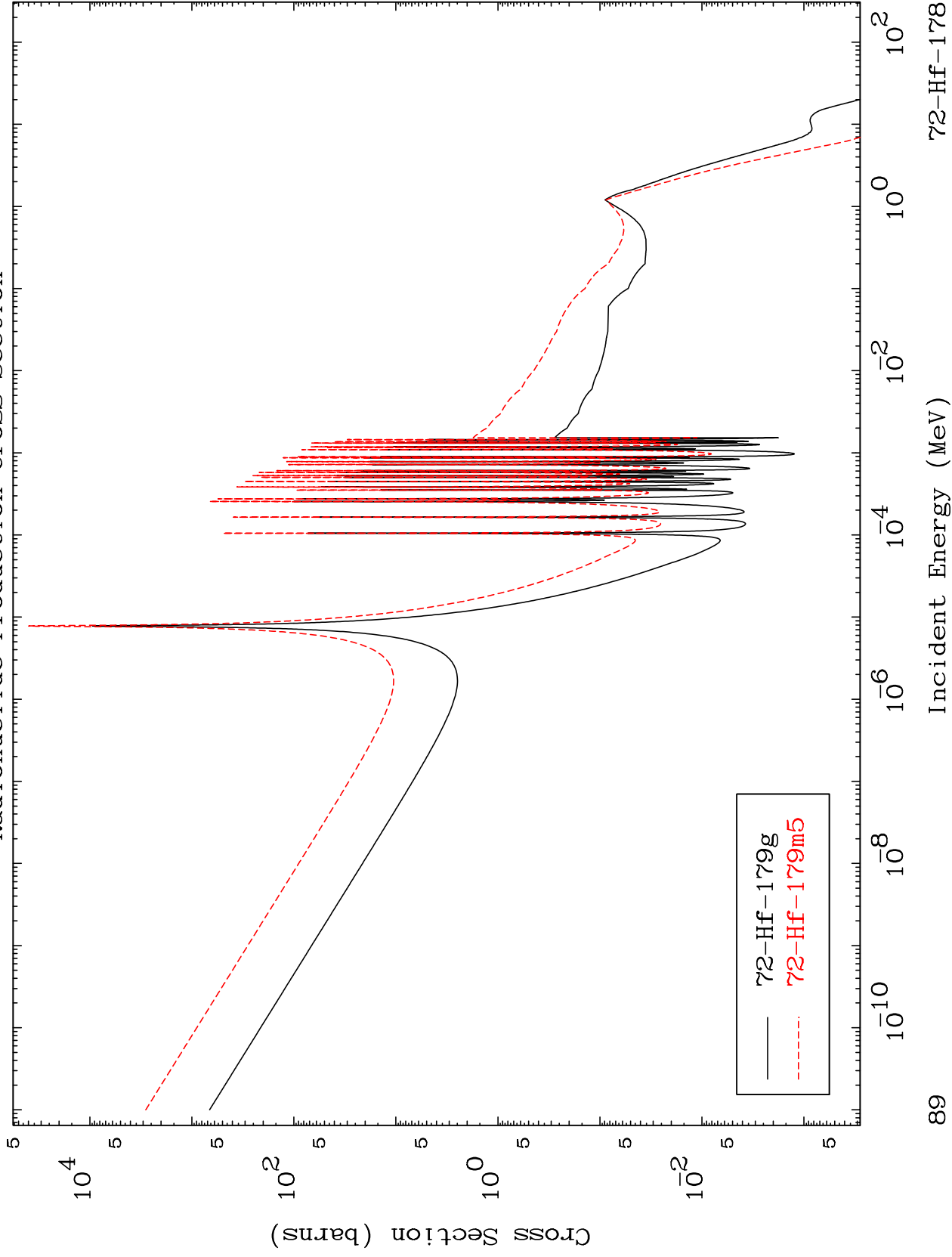
Radionuclide Production Cross Section



MAT 7237

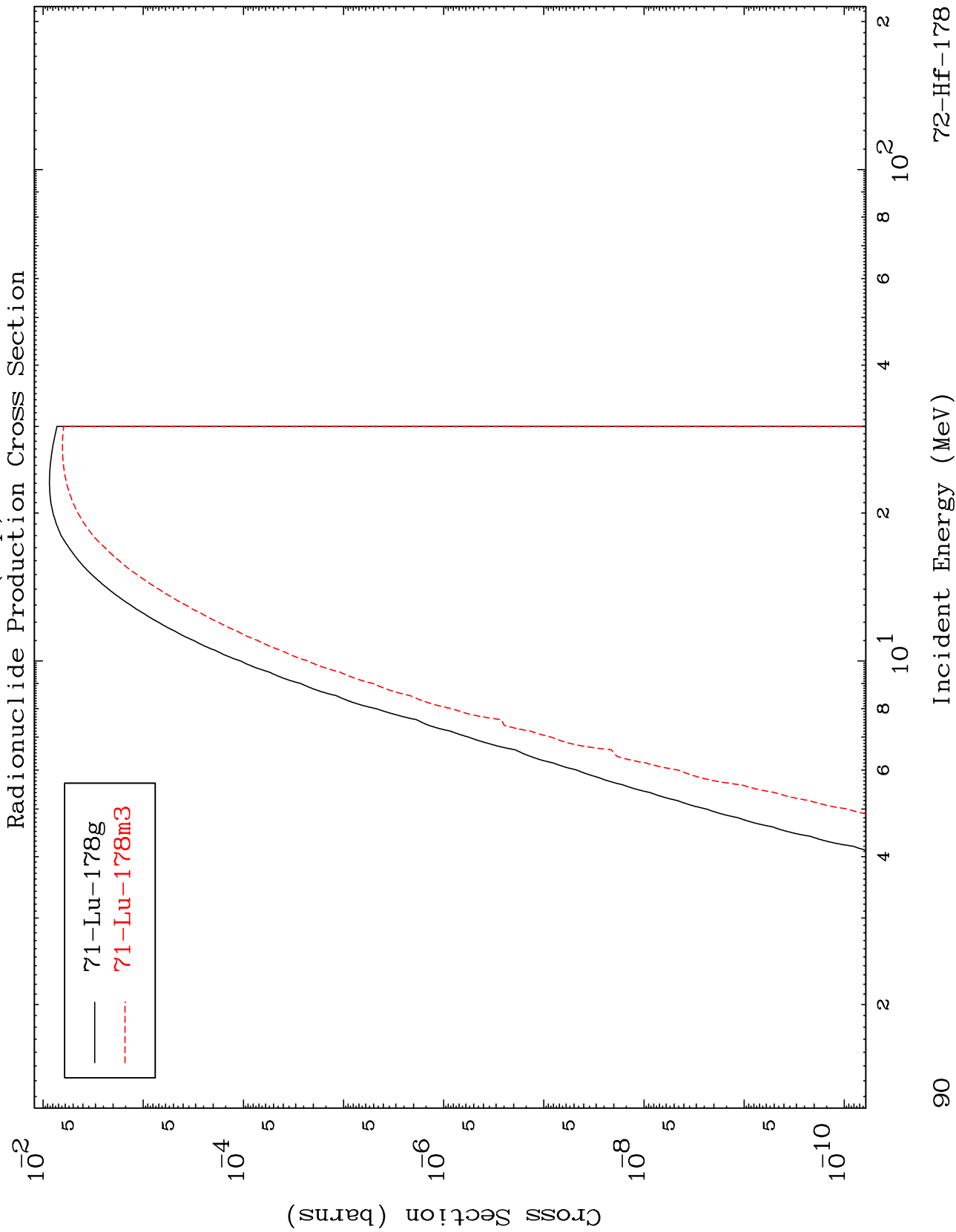
72-Hf-178

(n, γ)
Radionuclide Production Cross Section



MAT 7237

72-Hf-178

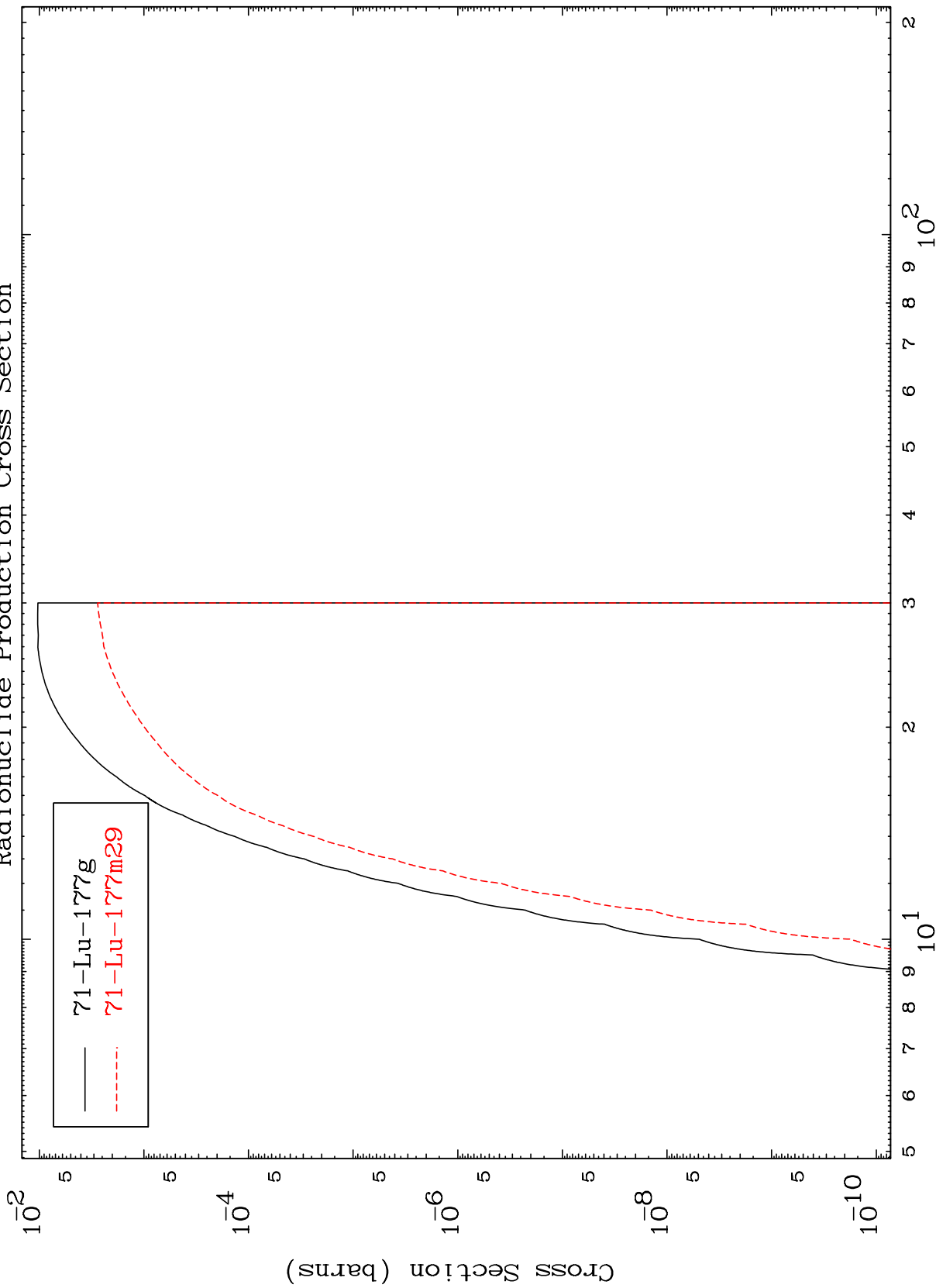


MAT 7237

(n,d)

72-Hf-178

Radionuclide Production Cross Section



91

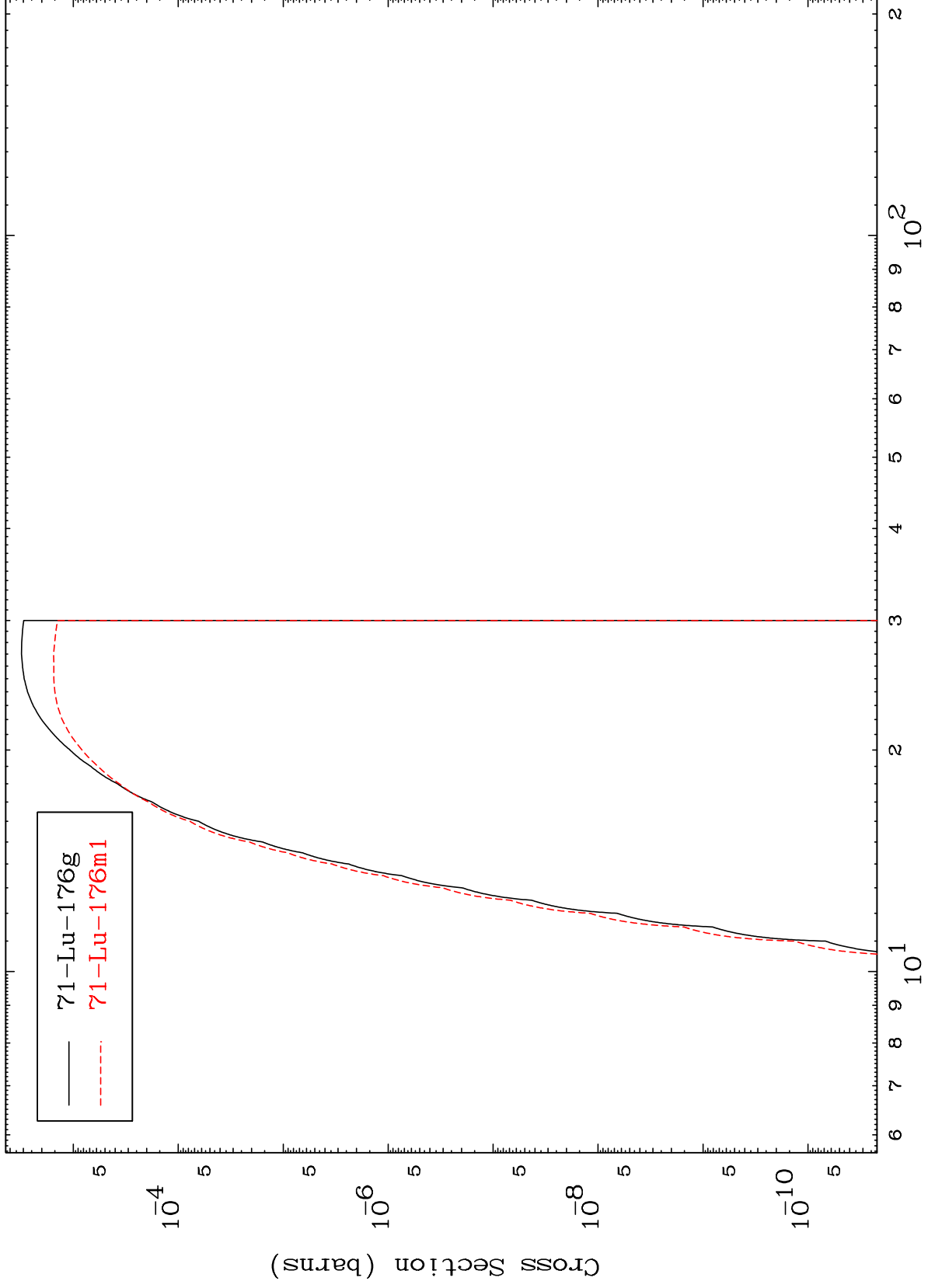
Incident Energy (MeV)

72-Hf-178

MAT 7237

72-Hf-178

(n, t)
Radionuclide Production Cross Section



92

Incident Energy (MeV)

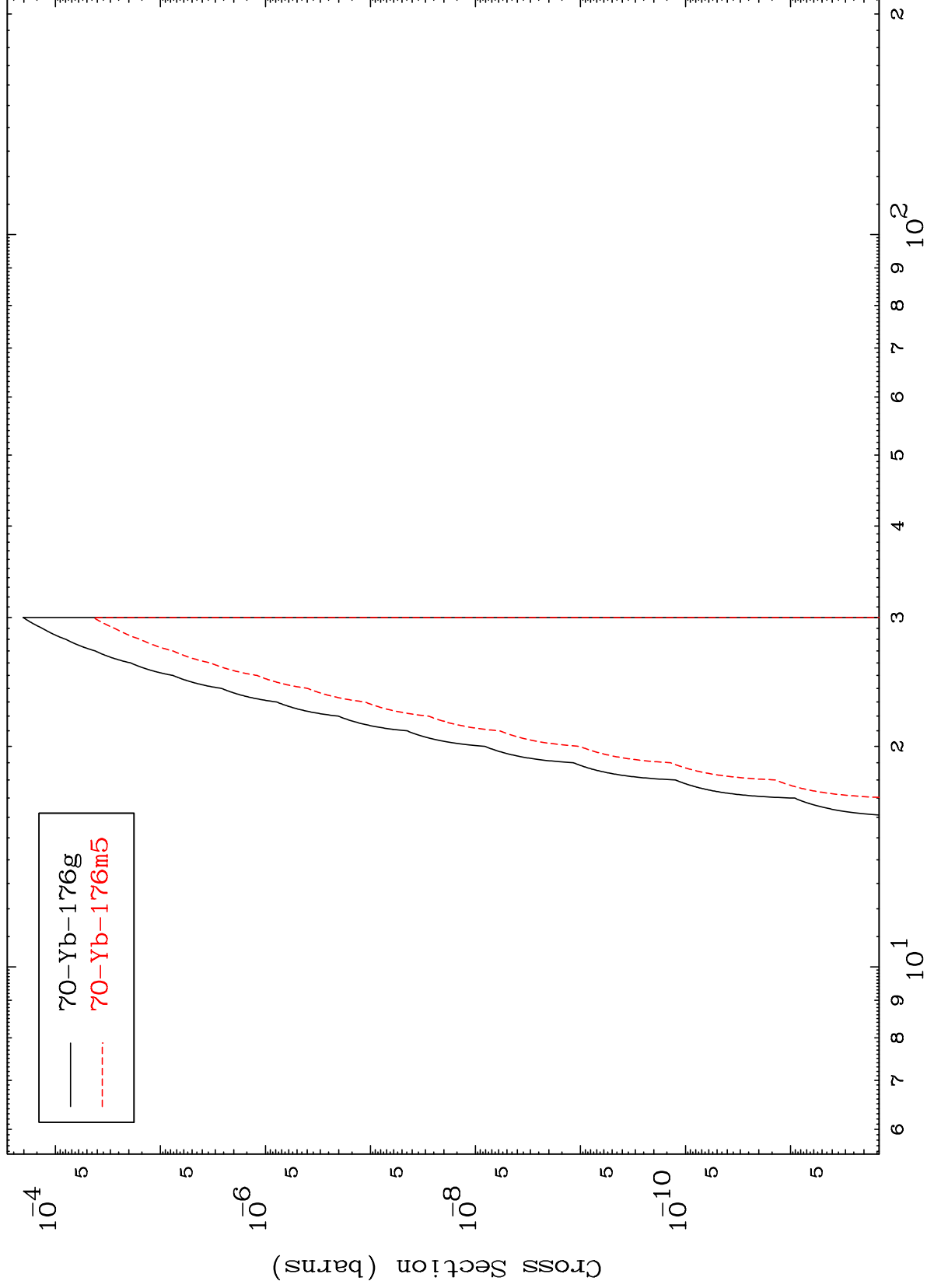
72-Hf-178

MAT 7237

(n,He-3)

72-Hf-178

Radionuclide Production Cross Section



93

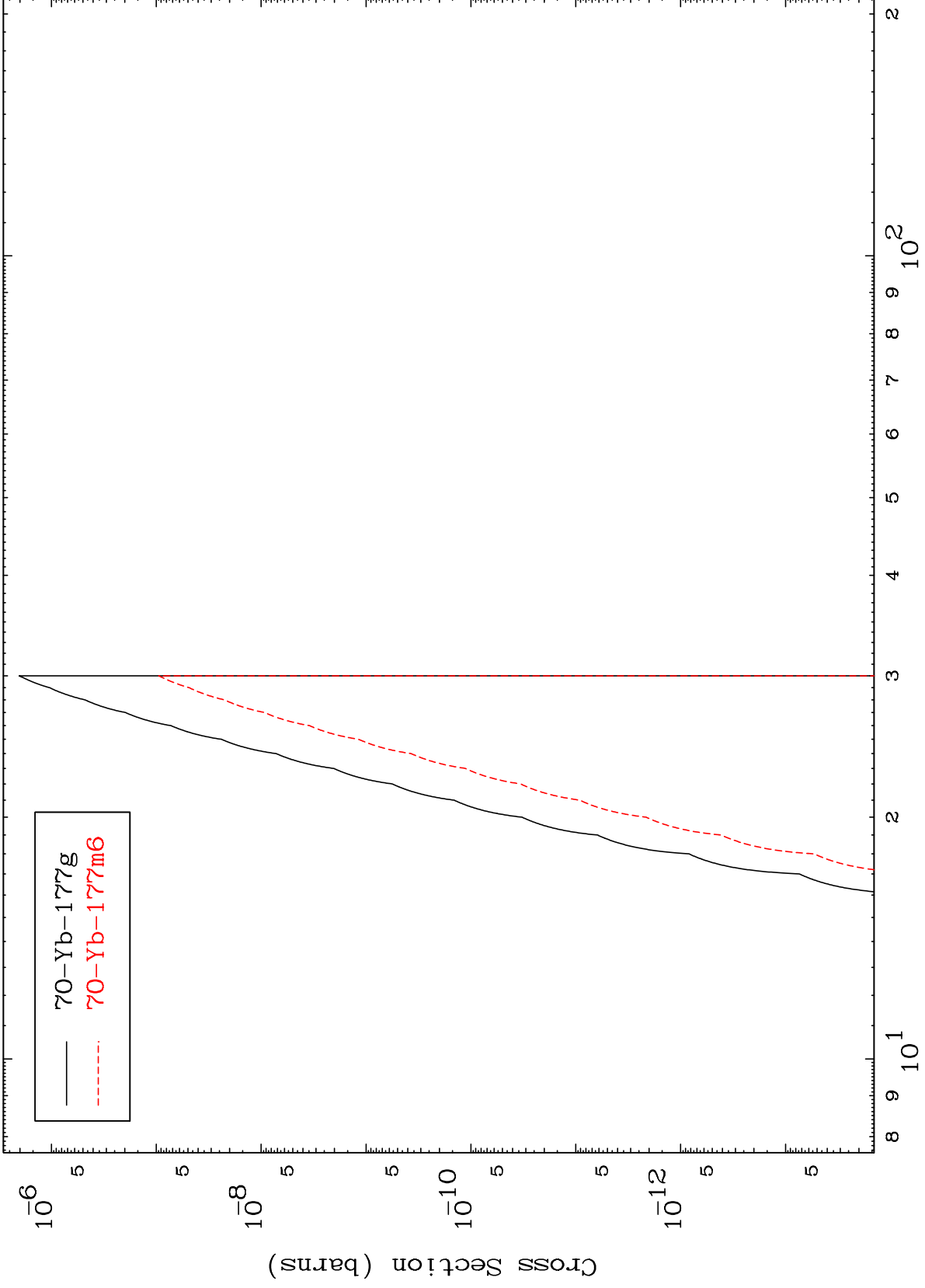
Incident Energy (MeV)

72-Hf-178

MAT 7237

72-Hf-178

(n,2p)
Radionuclide Production Cross Section



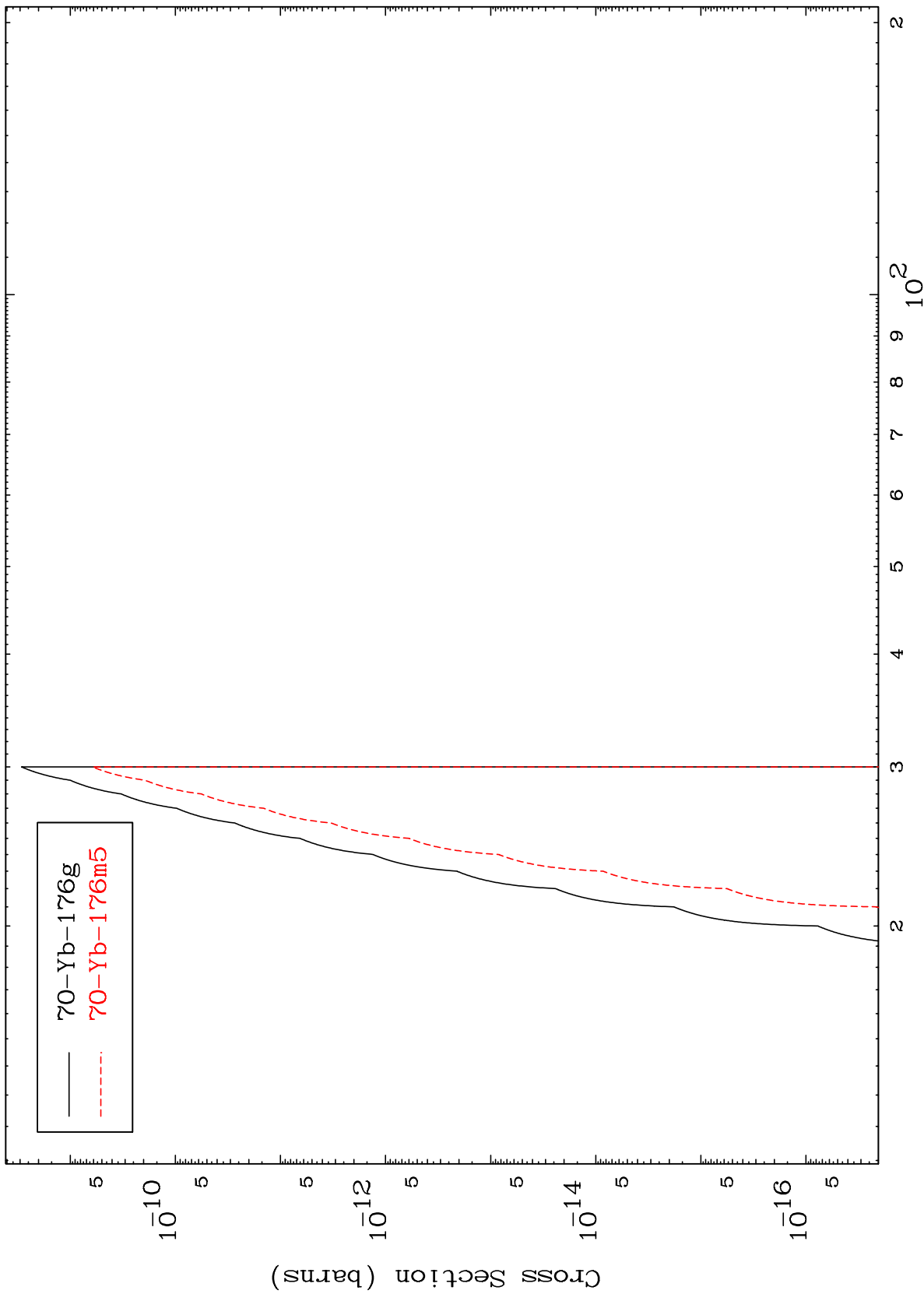
— 70-Yb-177g
- - - 70-Yb-177m6

MAT 7237

(n,p) d

72-Hf-178

Radionuclide Production Cross Section



95

Incident Energy (MeV)

72-Hf-178