

Program EVALPLOT
(Version 2018-1)

by

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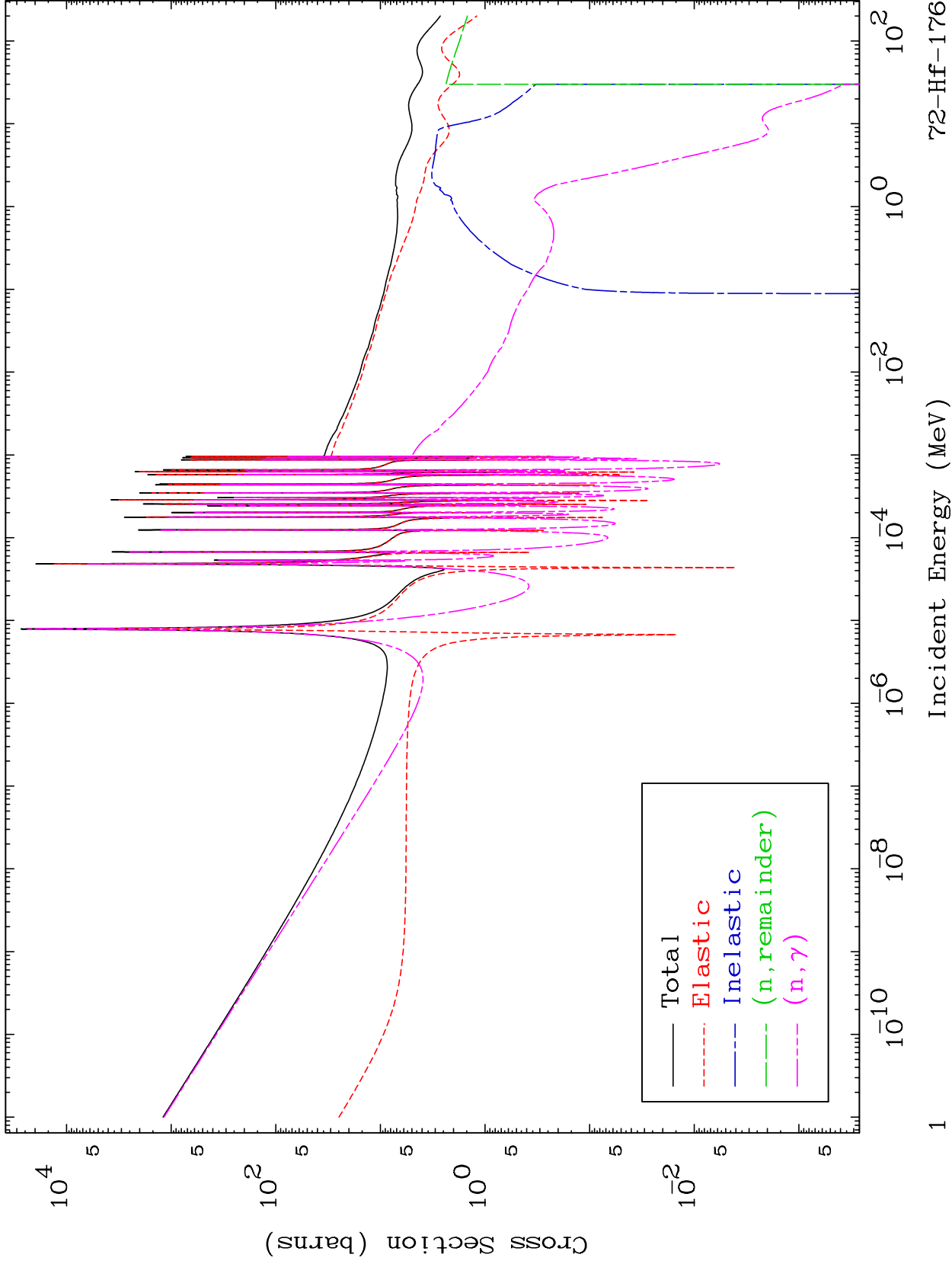
Press Mouse Button to Start

MAT 7231

Major

293 Kelvin Cross Sections

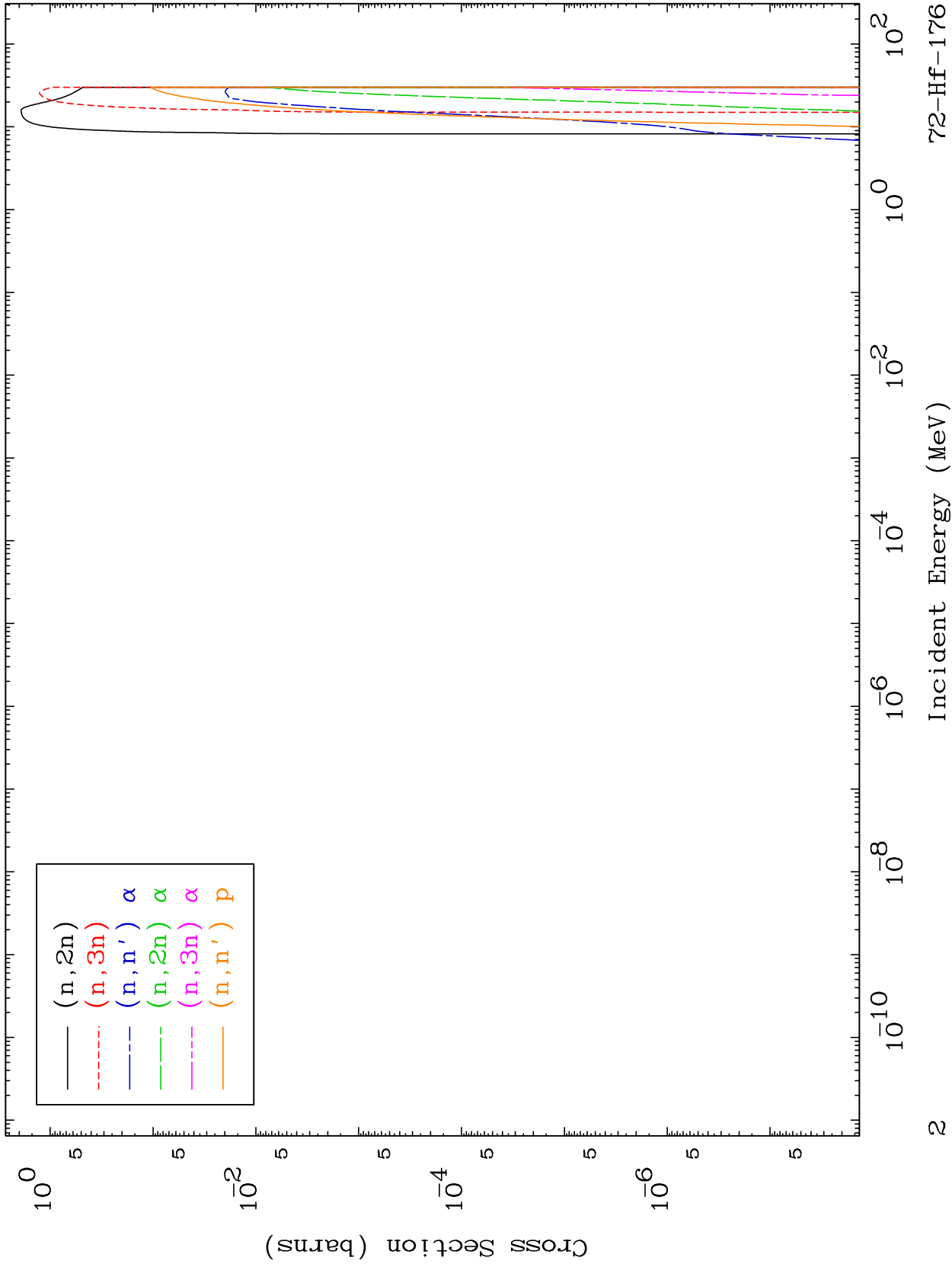
72-Hf-176

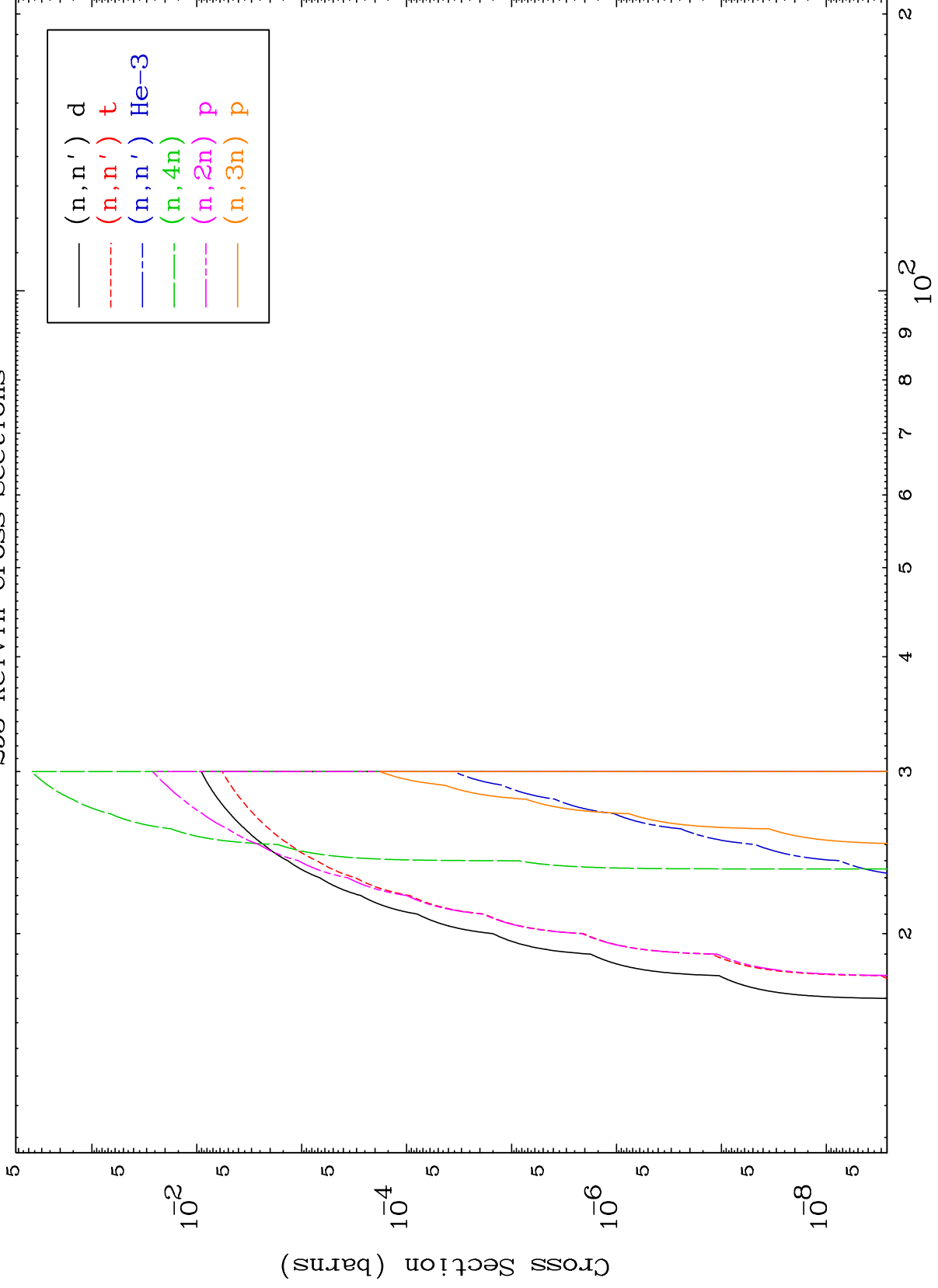


MAT 7231

Neutron Production
293 Kelvin Cross Sections

72-Hf-176

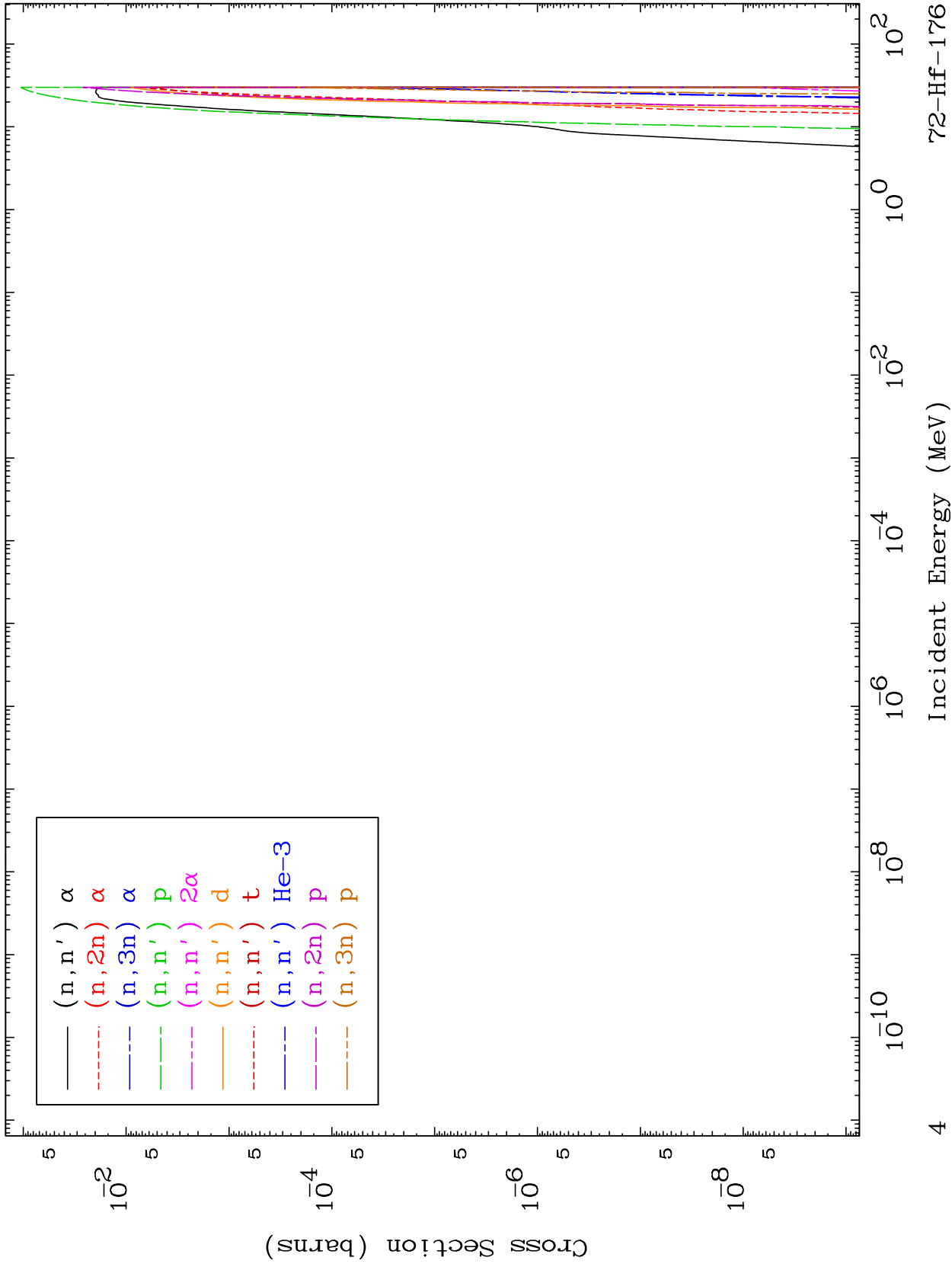




MAT 7231

Charged Particle
293 Kelvin Cross Sections

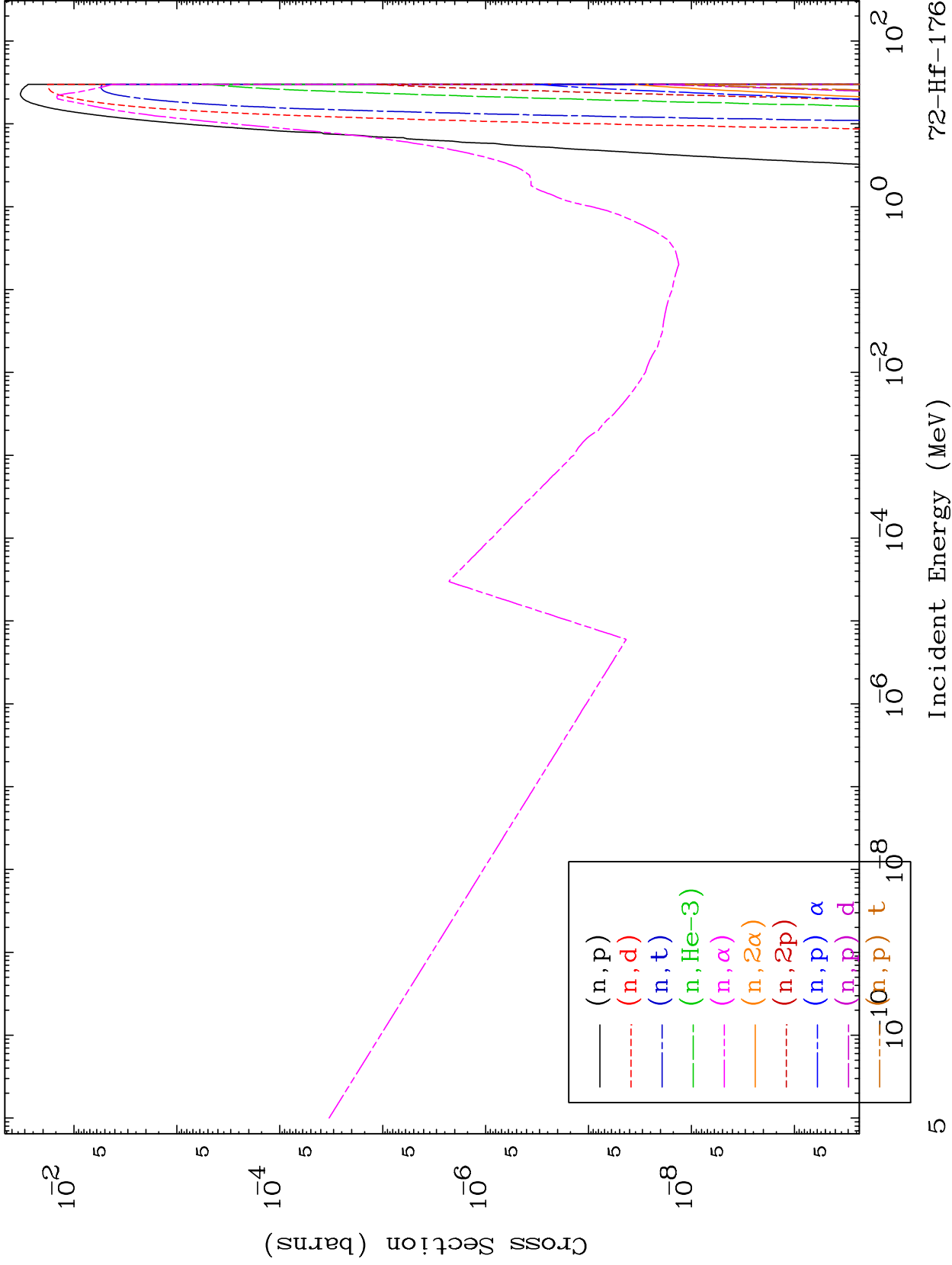
72-Hf-176



MAT 7231

Charged Particle
293 Kelvin Cross Sections

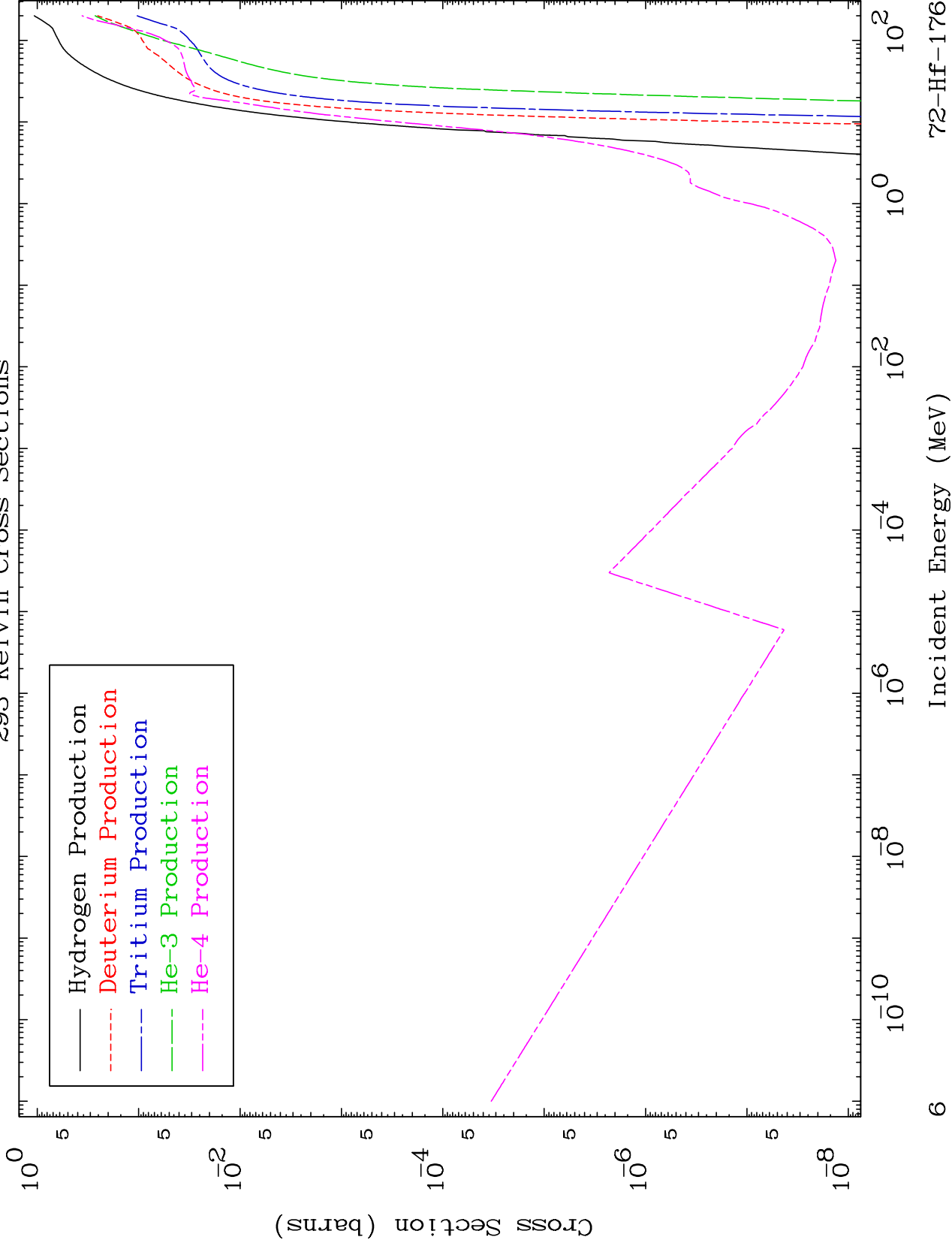
72-Hf-176



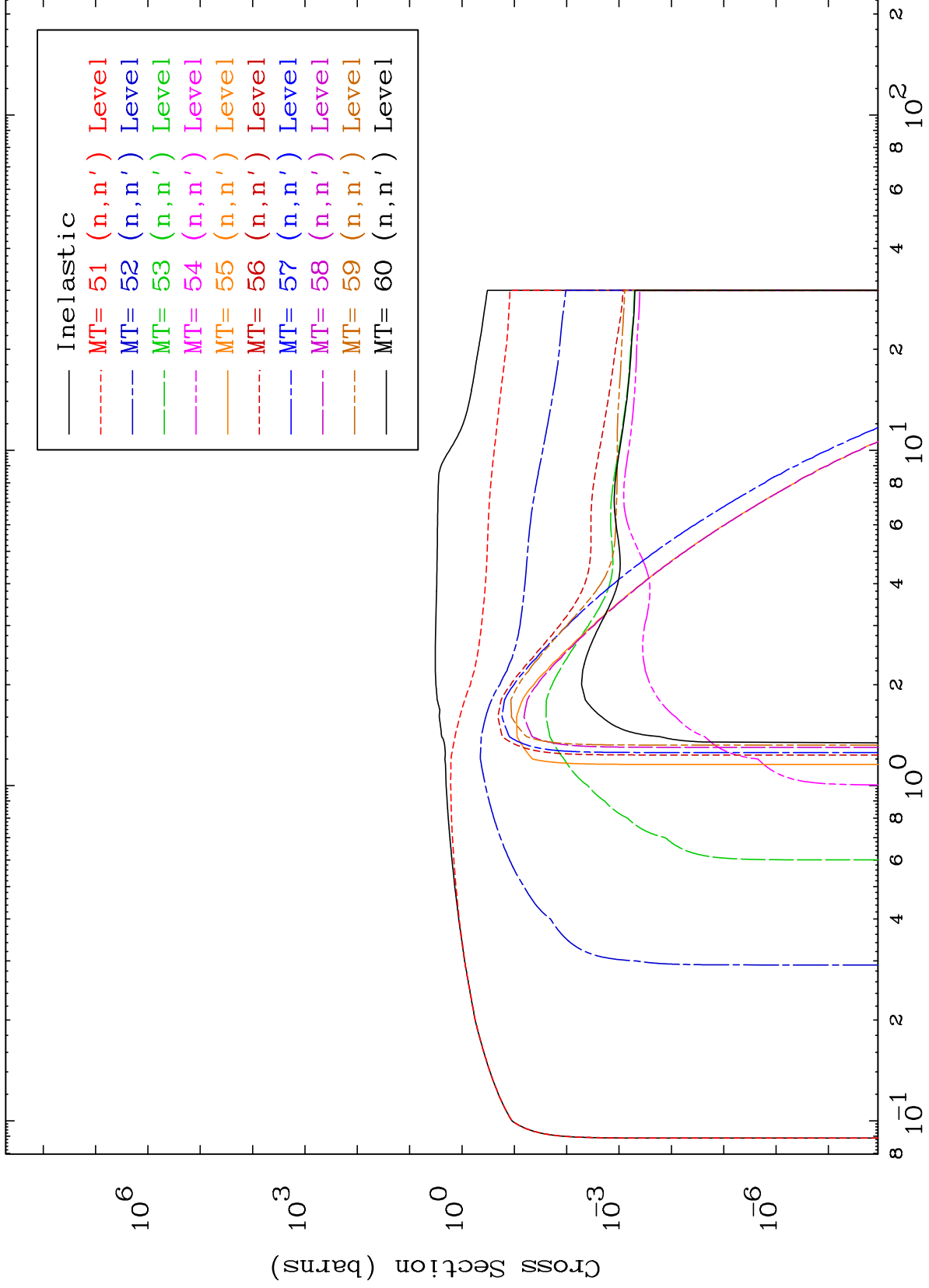
MAT 7231

Particle Production
293 Kelvin Cross Sections

72-Hf-176



293 Kelvin Cross Sections

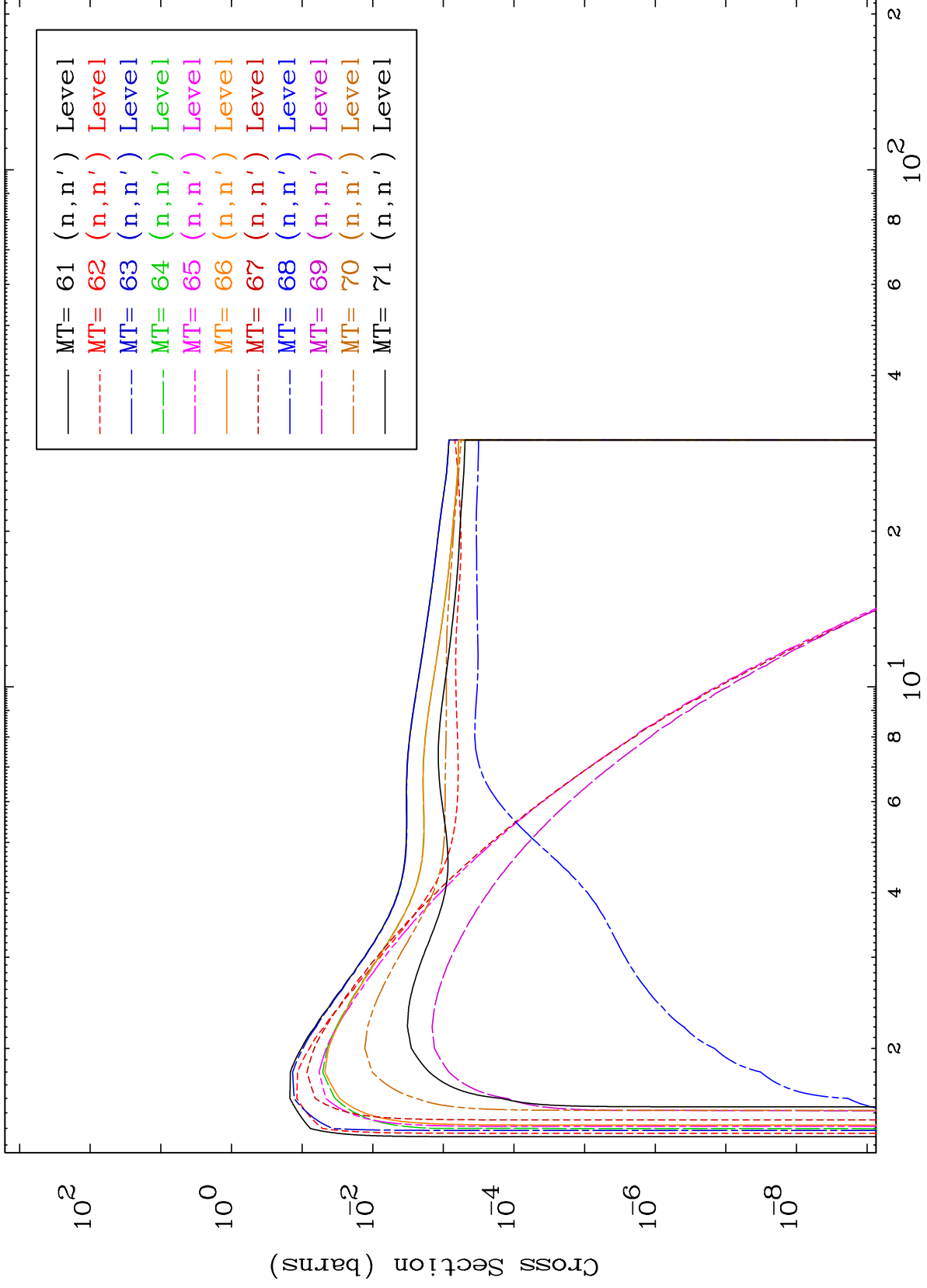


MAT 7231

(n,n') Level

293 Kelvin Cross Sections

72-Hf-176



8

Incident Energy (MeV)

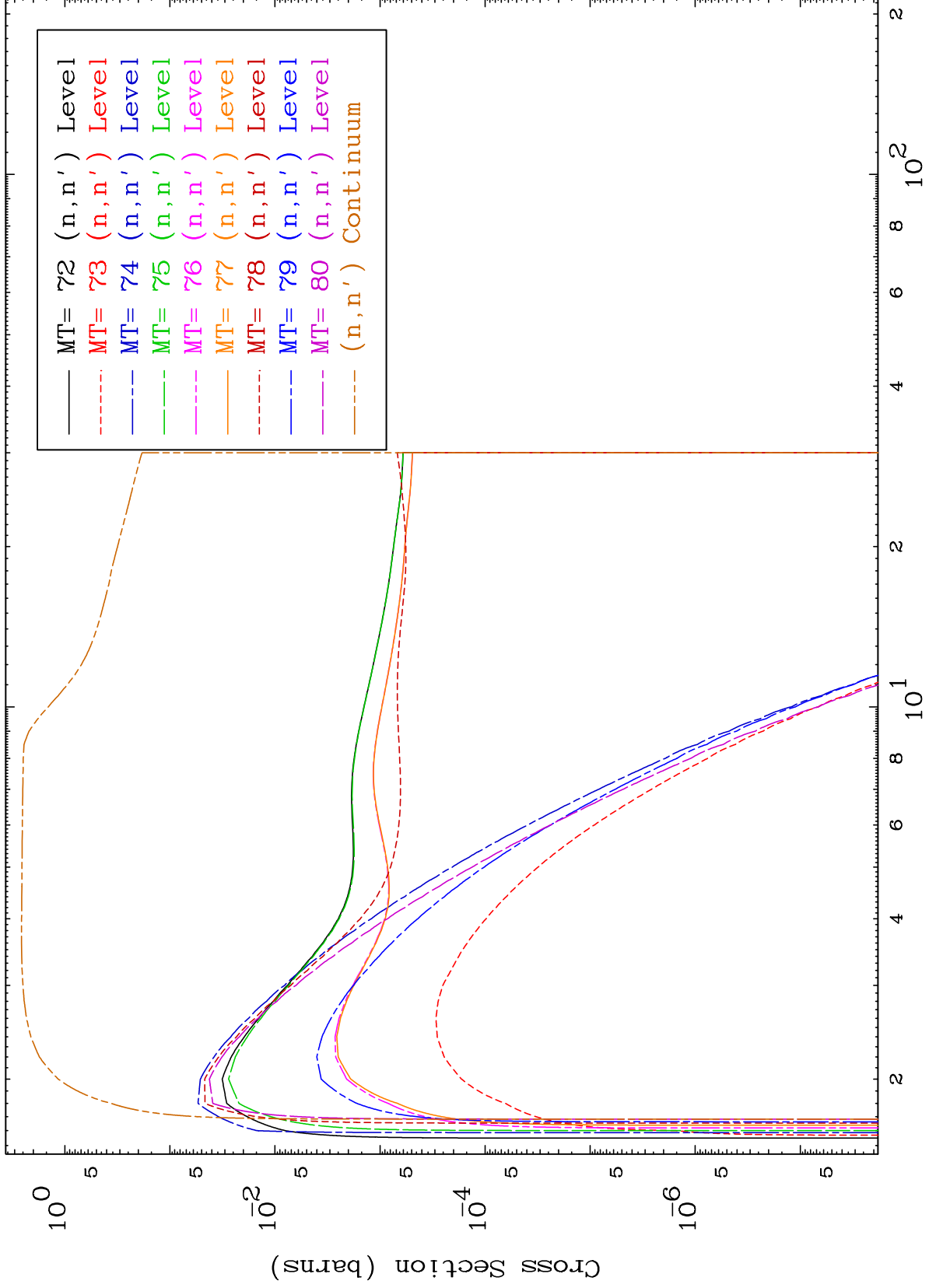
72-Hf-176

MAT 7231

(n,n') Level

72-Hf-176

293 Kelvin Cross Sections



9

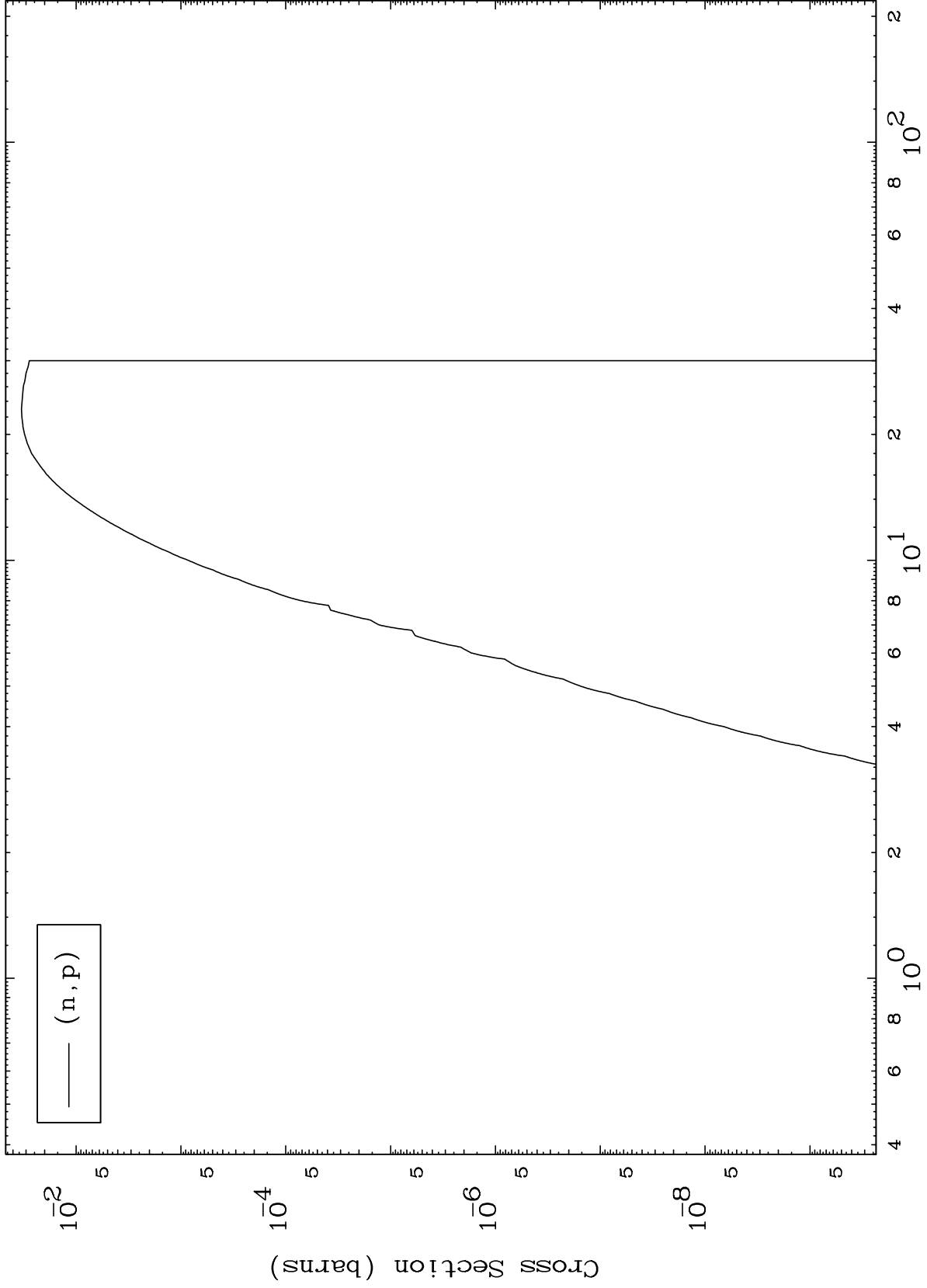
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-176



10

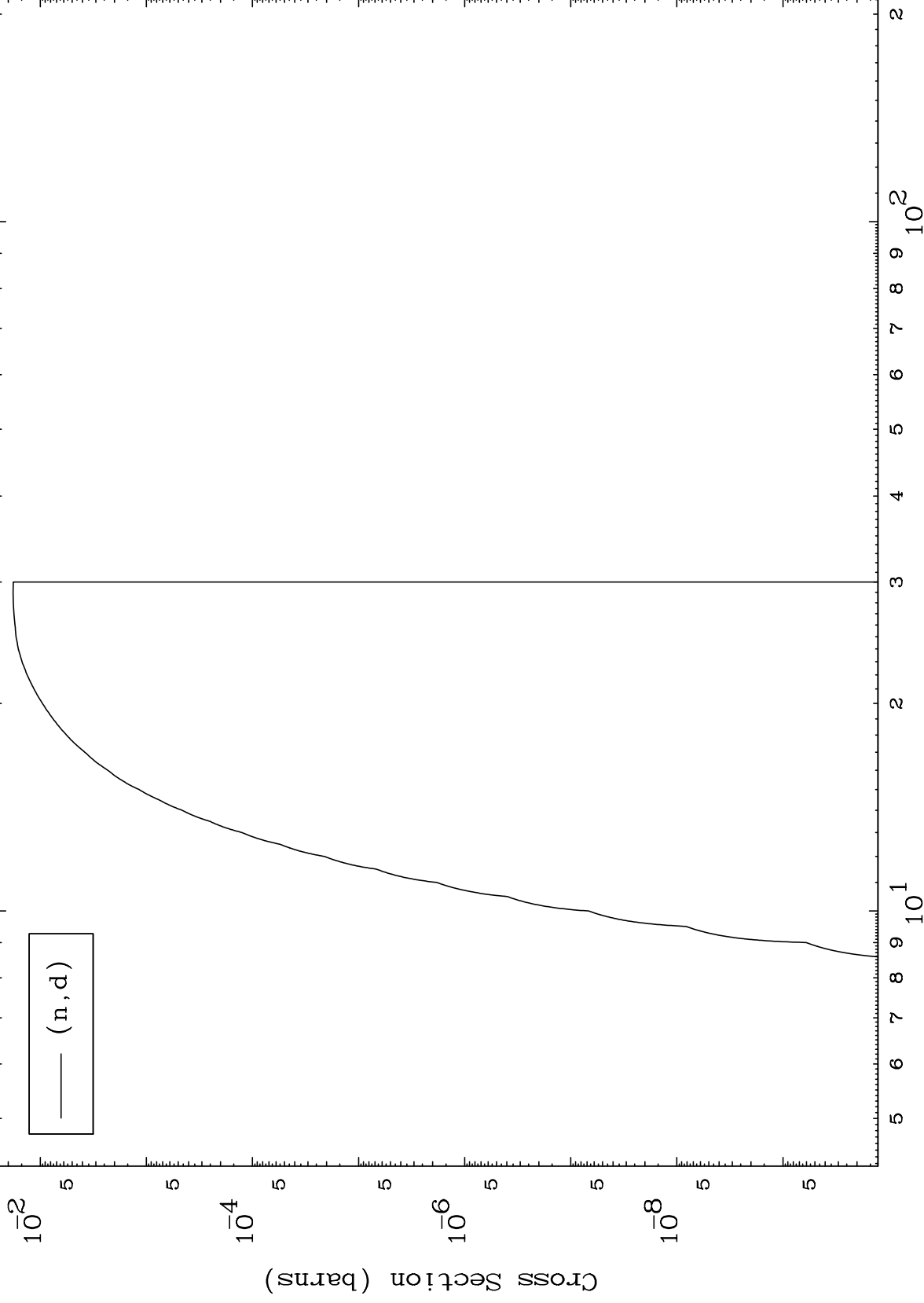
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-176



11

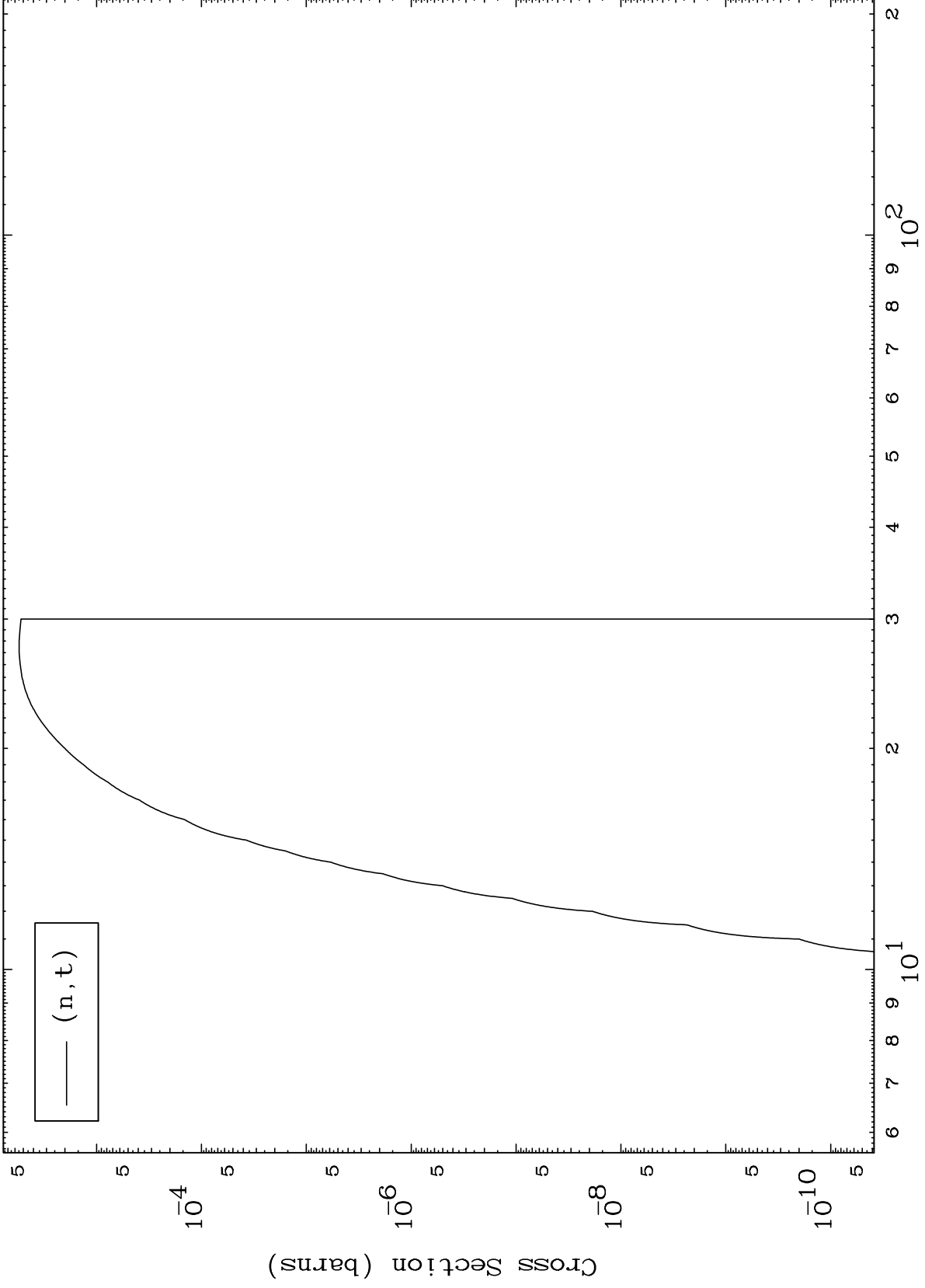
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n, t) Levels
293 Kelvin Cross Sections

72-Hf-176



12

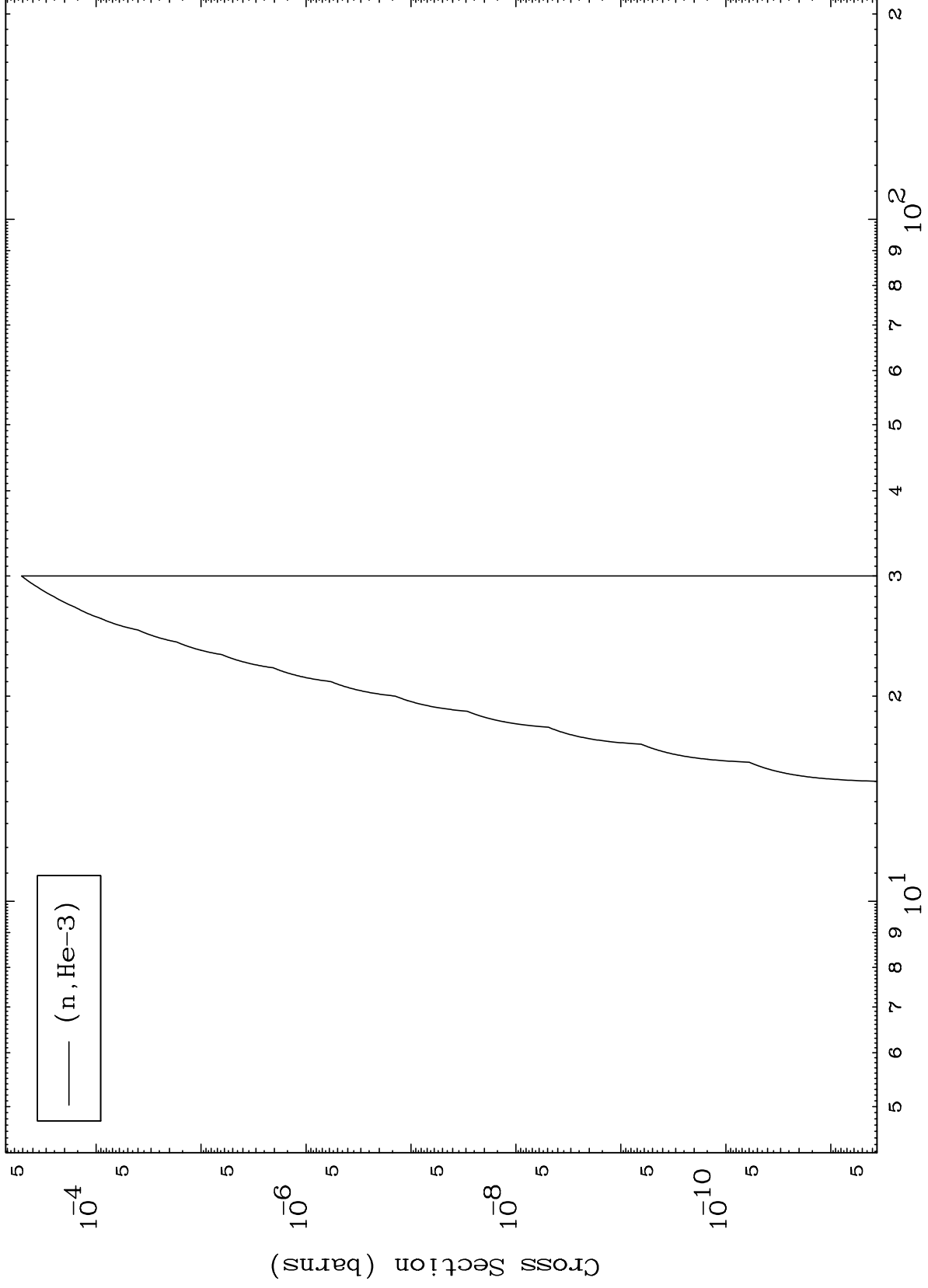
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-176



13

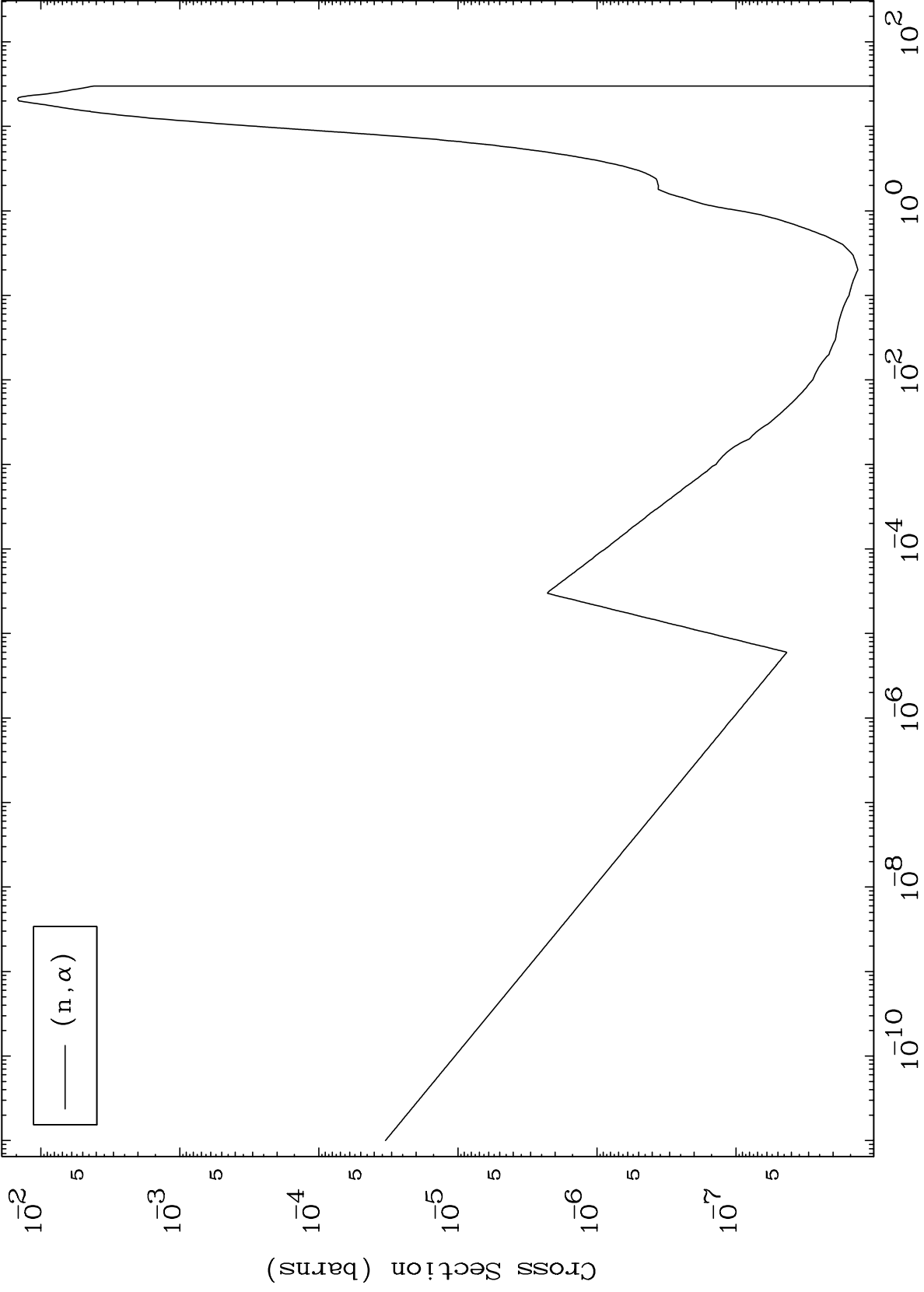
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n, α) Levels
293 Kelvin Cross Sections

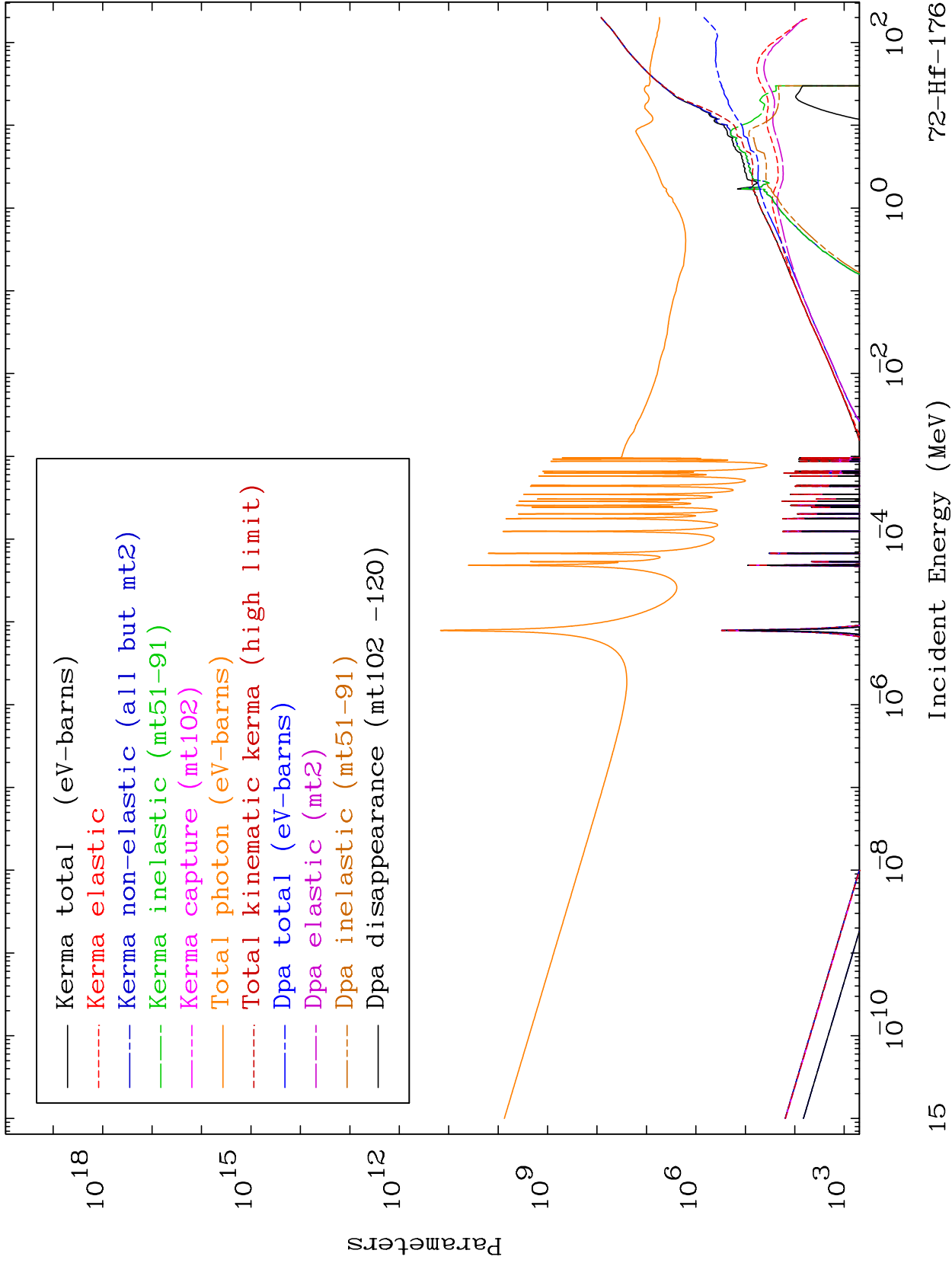
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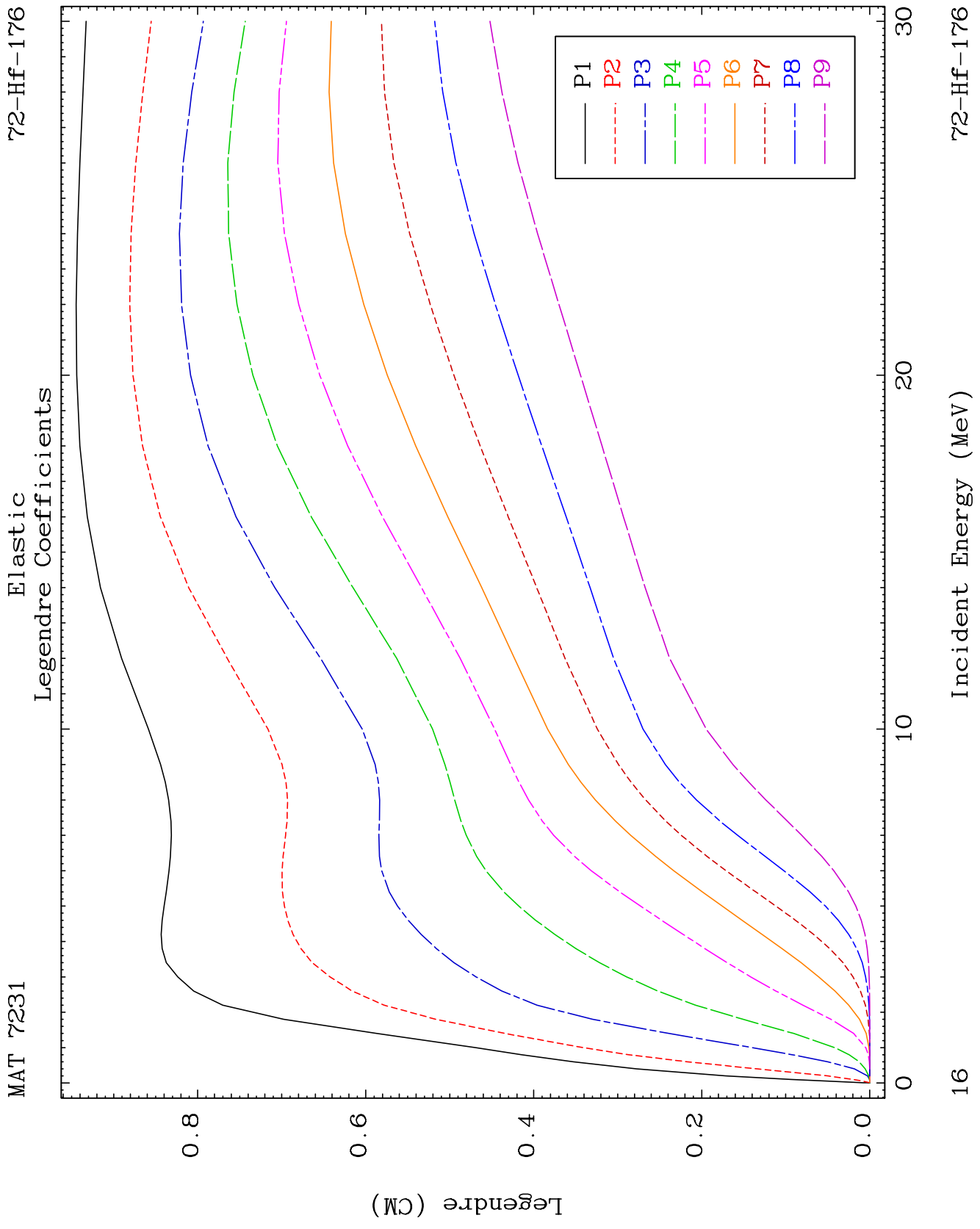


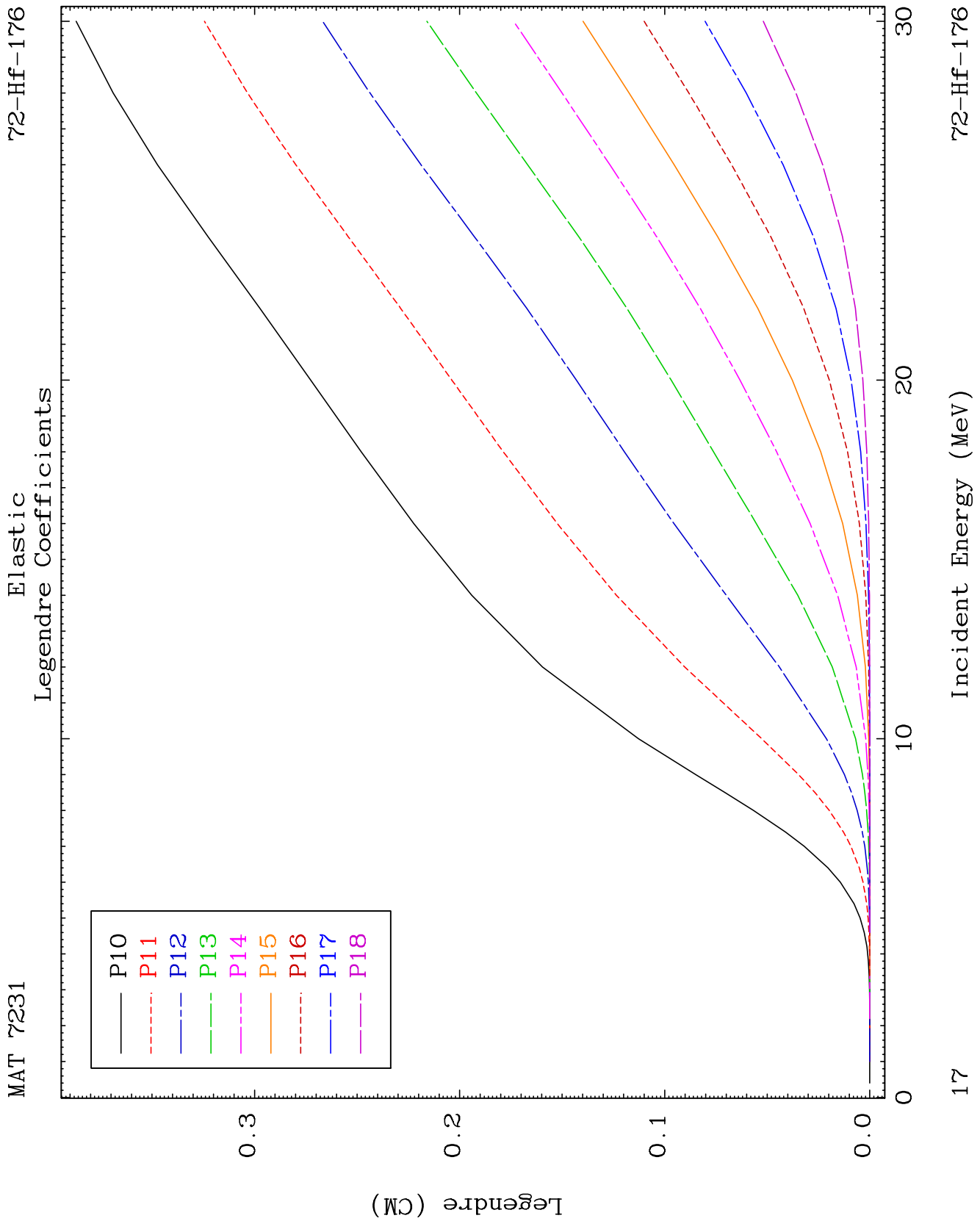
14

Incident Energy (MeV)

72-Hf-176



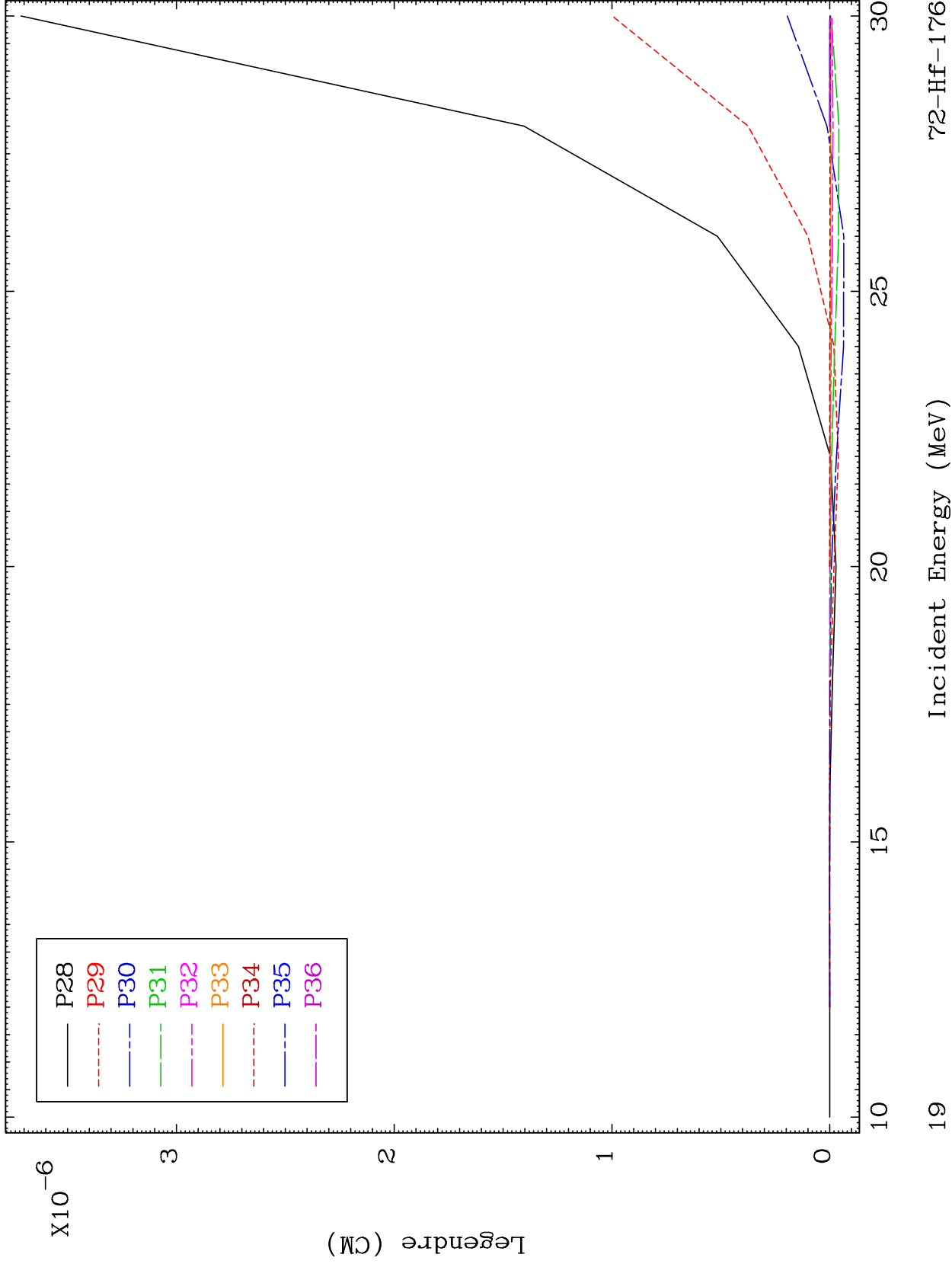


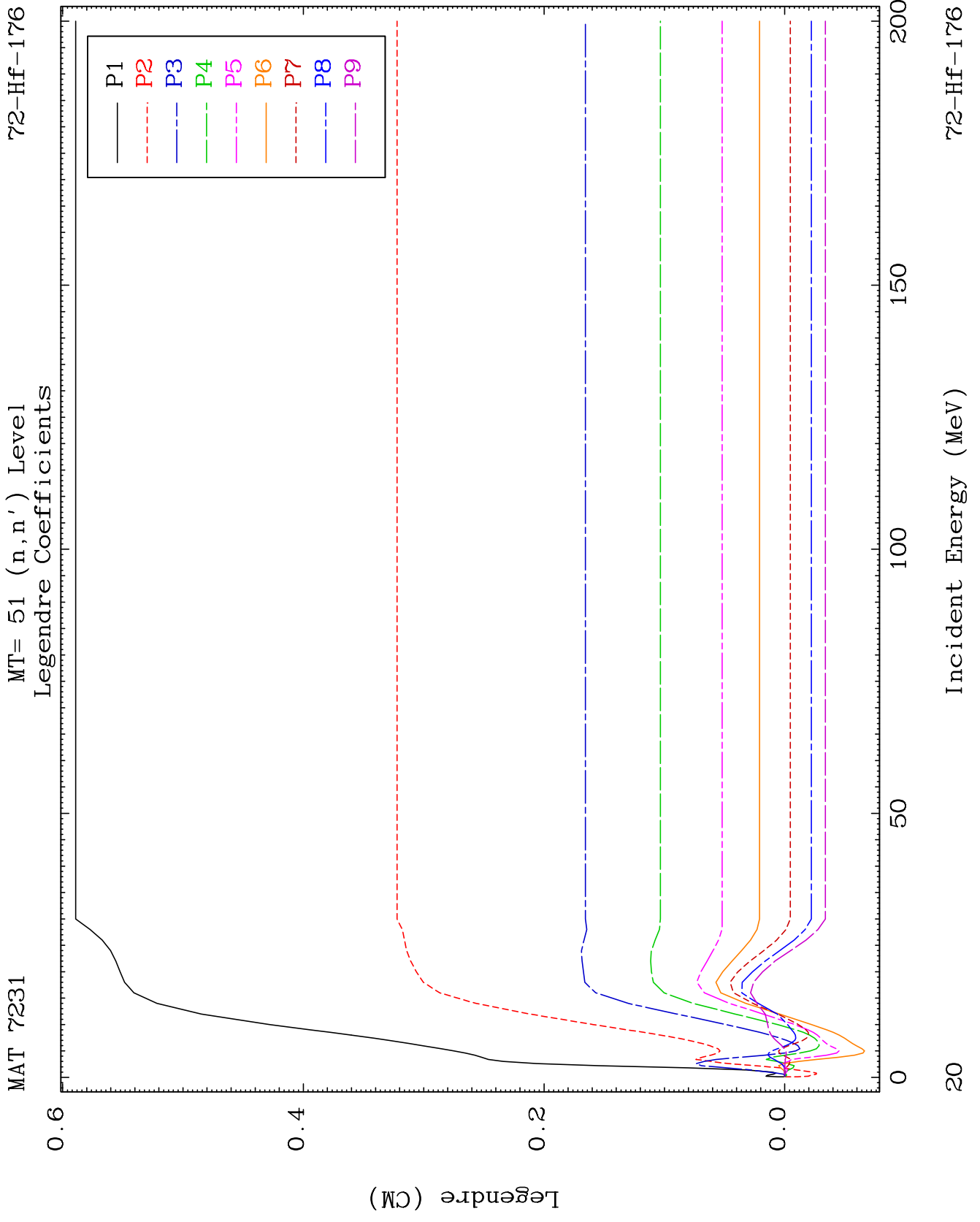


MAT 7231

Elastic Legendre Coefficients

72-Hf-176

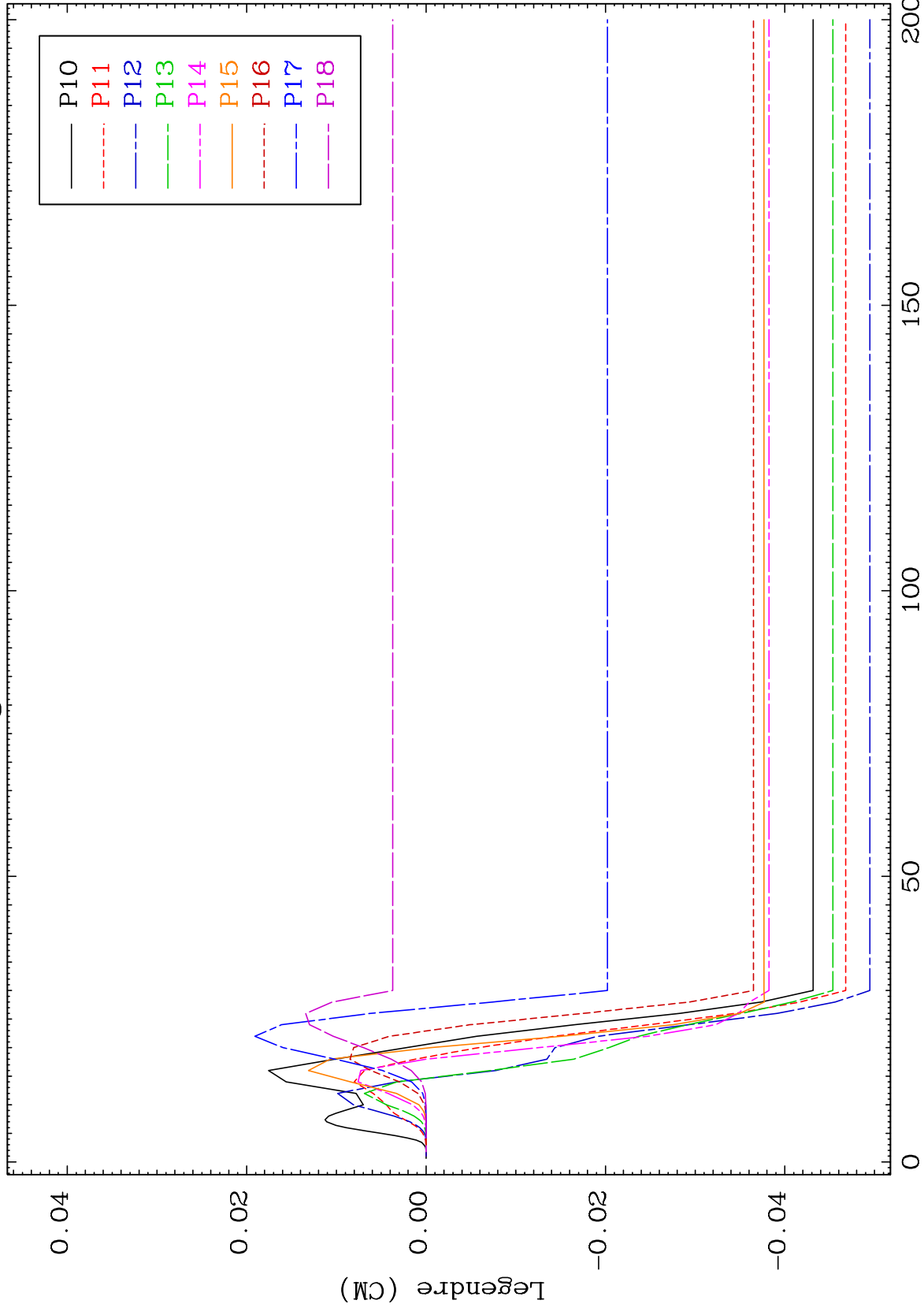




MAT 7231

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

72-Hf-176



21

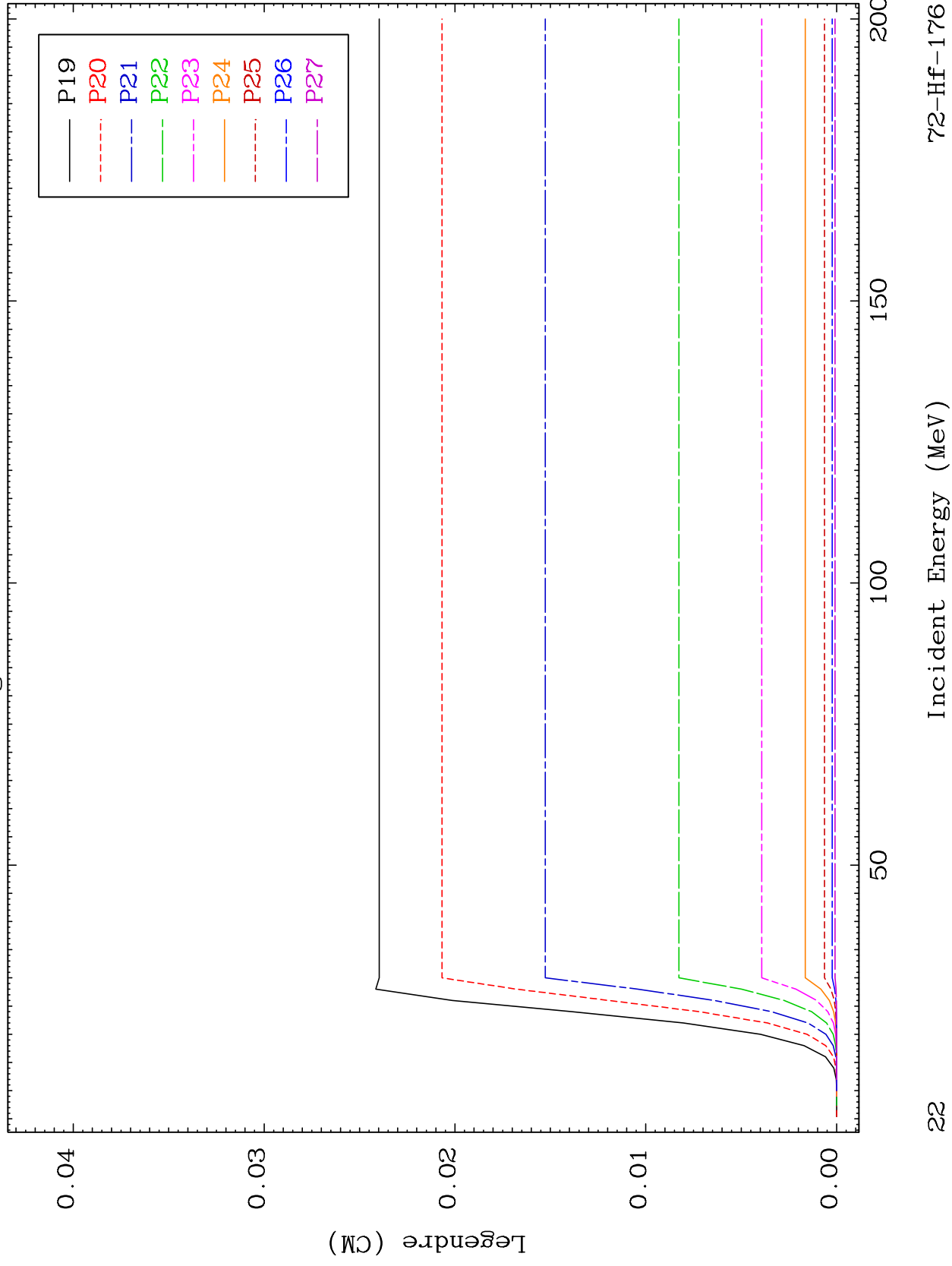
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

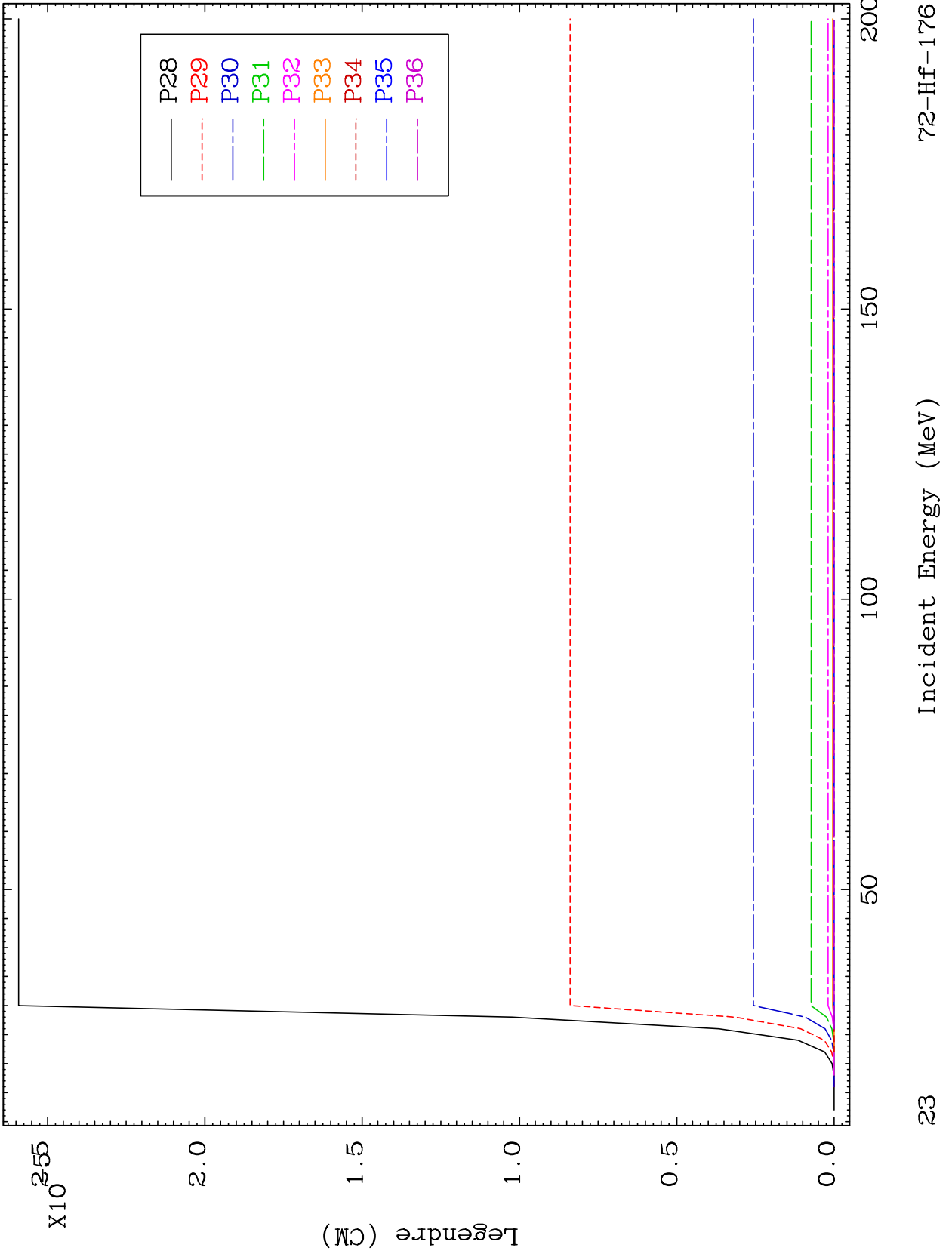
72-Hf-176



22

Incident Energy (MeV)

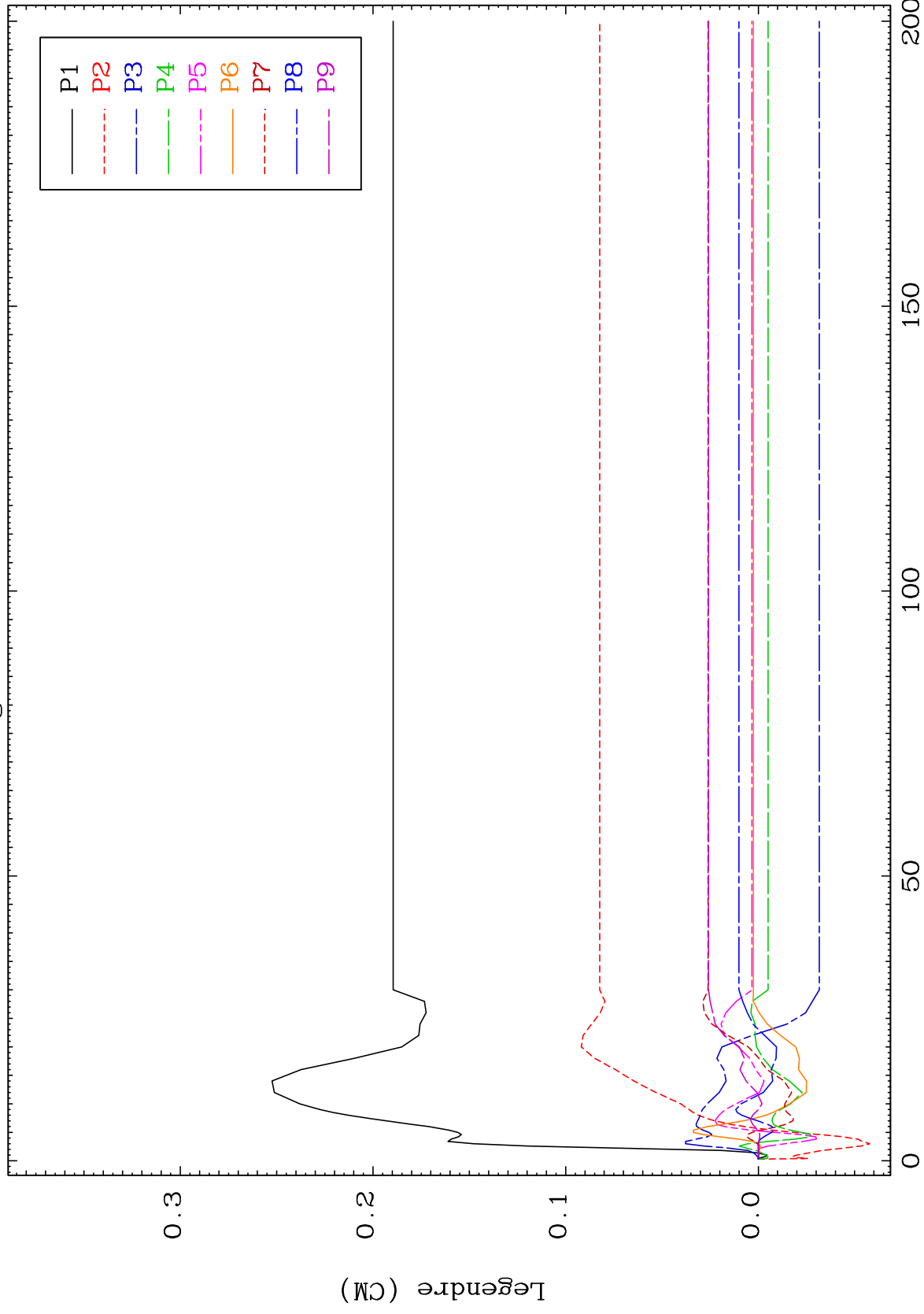
72-Hf-176



MAT 7231

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

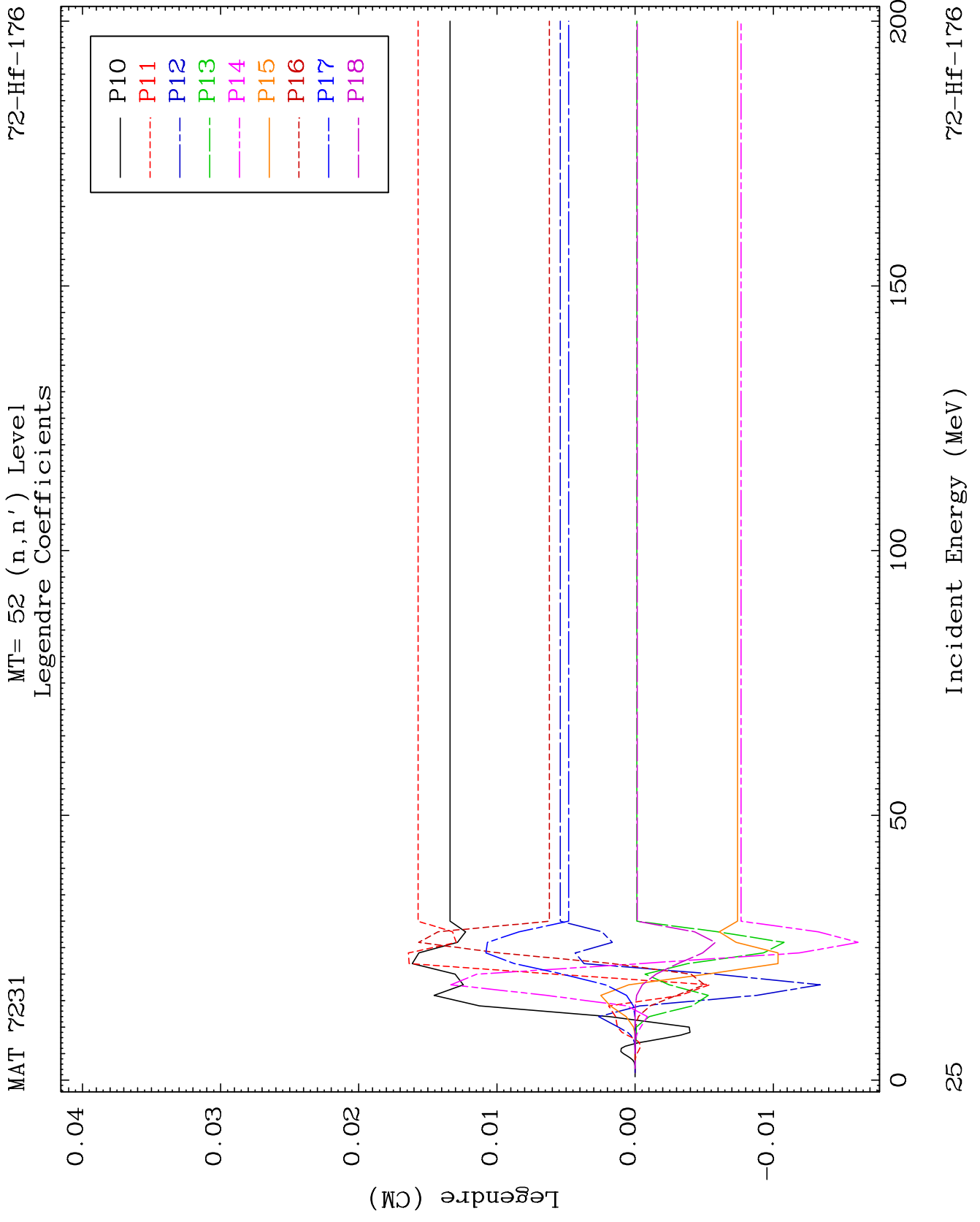
72-Hf-176



24

Incident Energy (MeV)

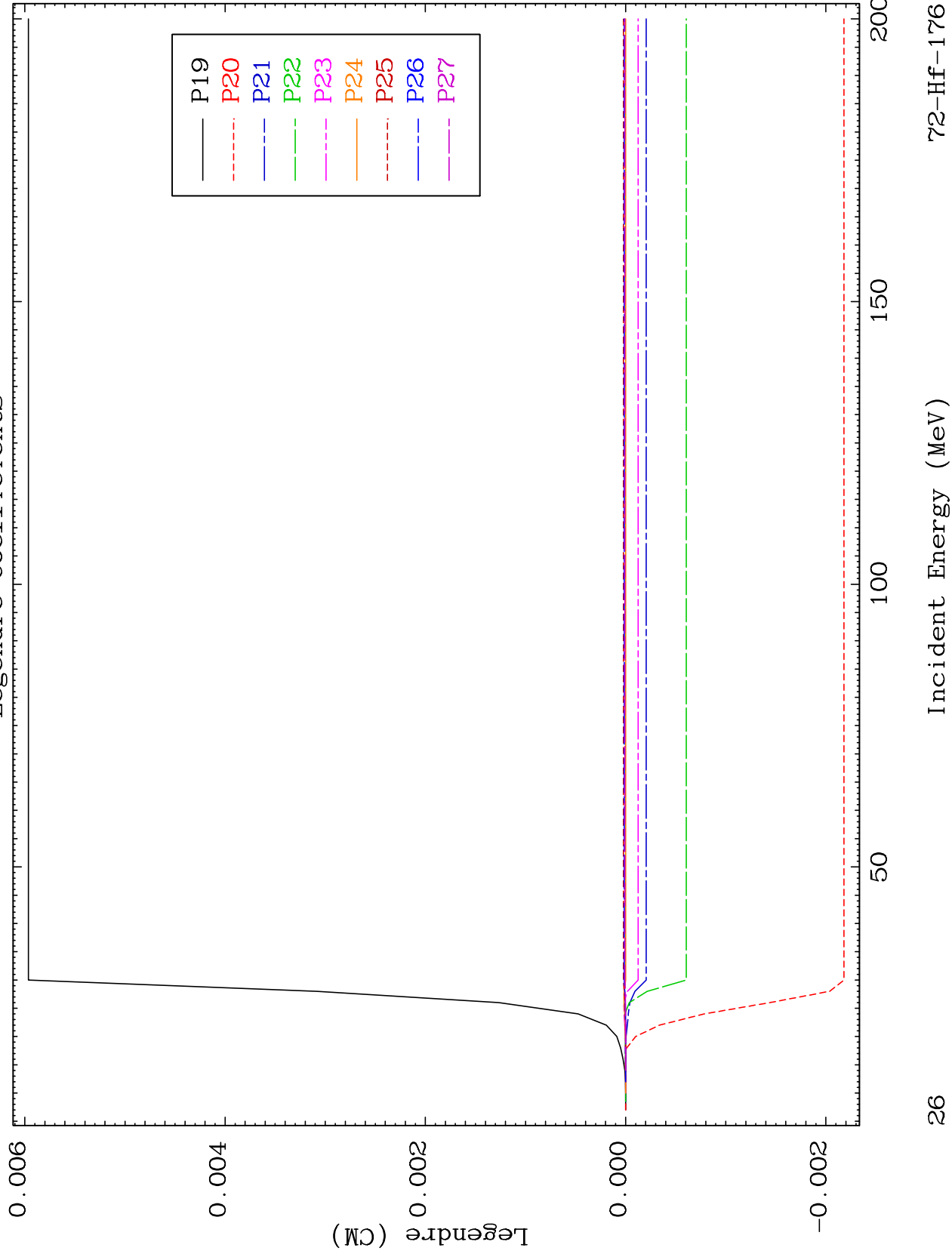
72-Hf-176



MAT 7231

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

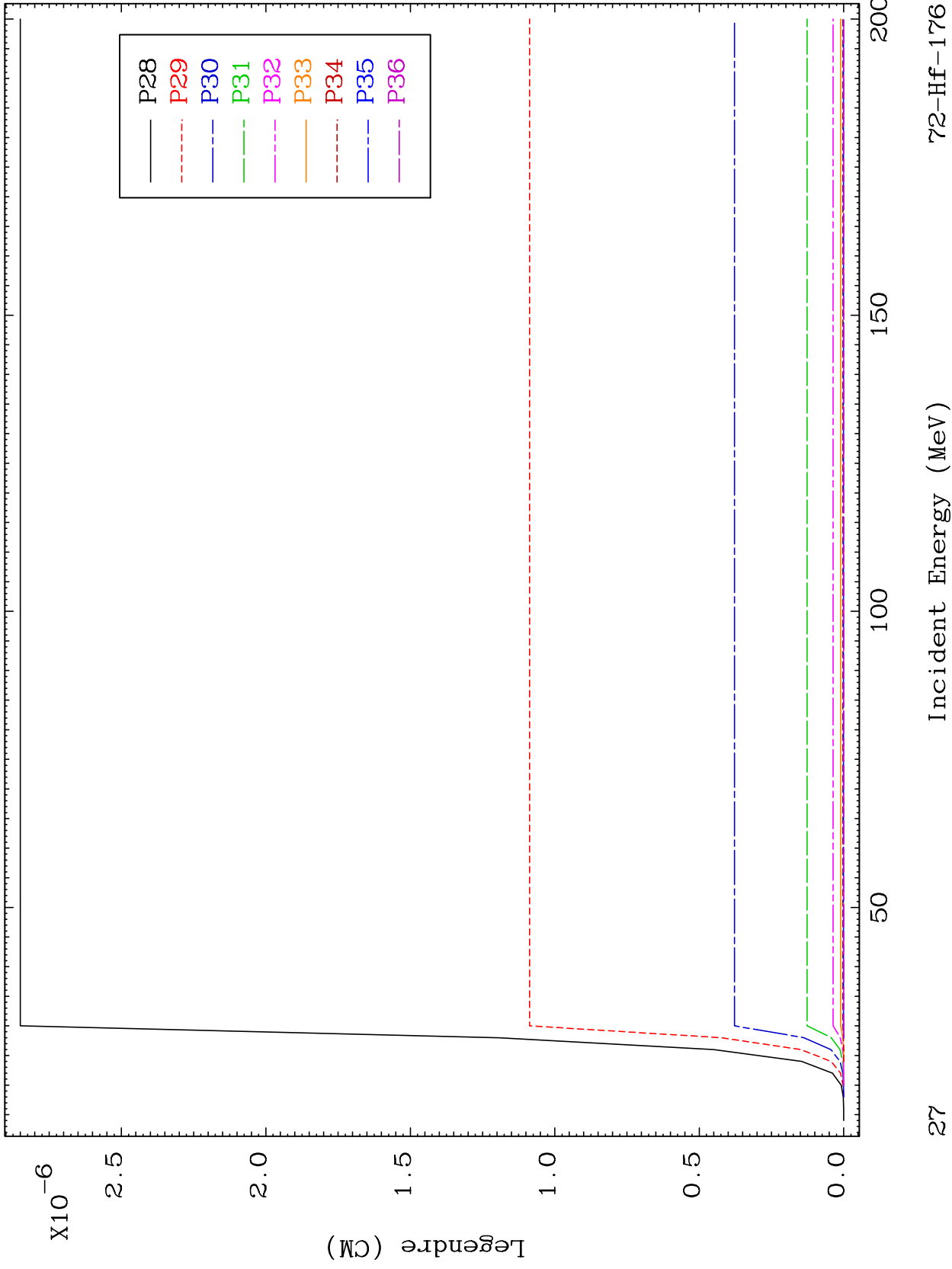
72-Hf-176



26

Incident Energy (MeV)

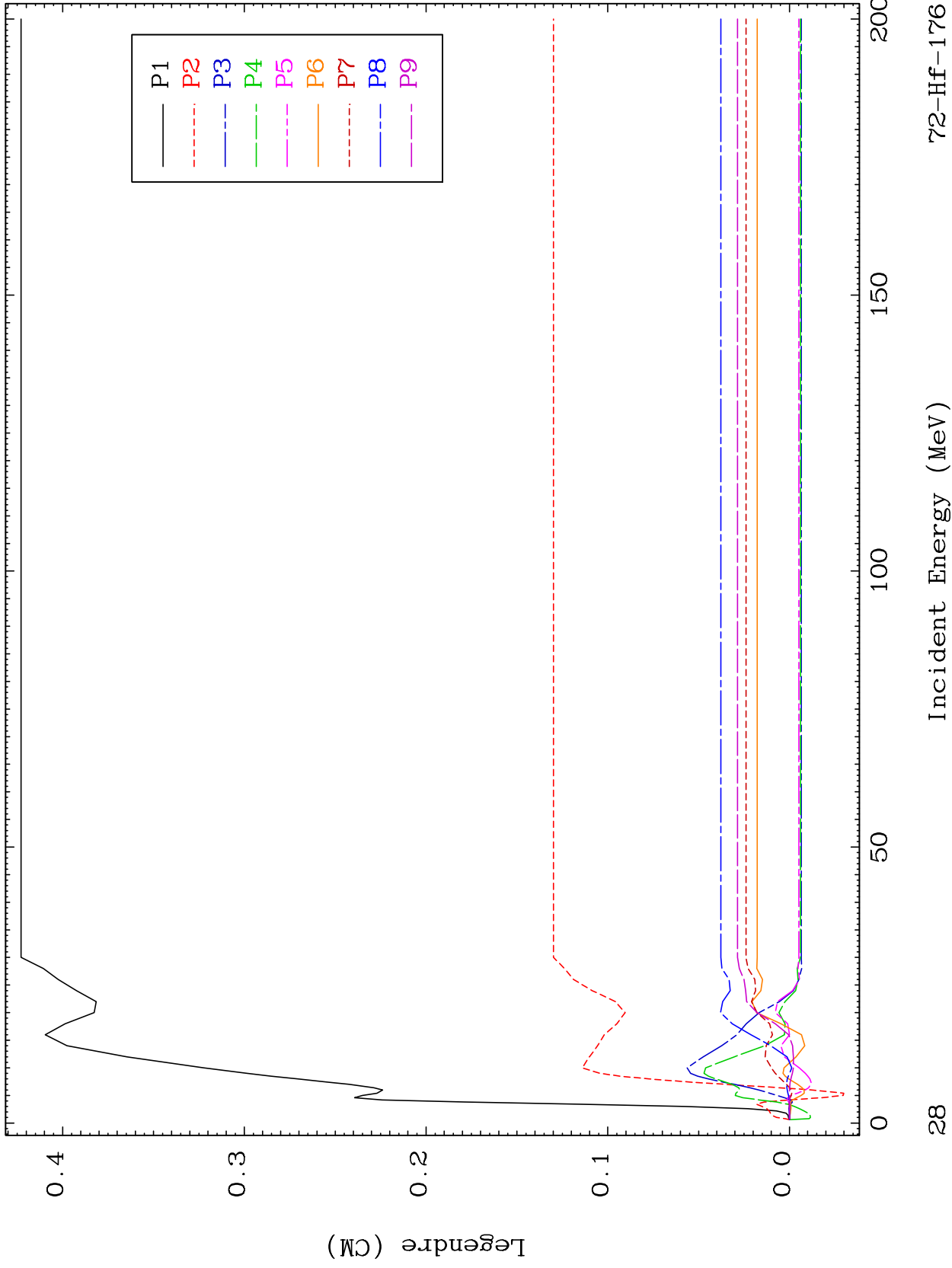
72-Hf-176



MAT 7231

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

72-Hf-176

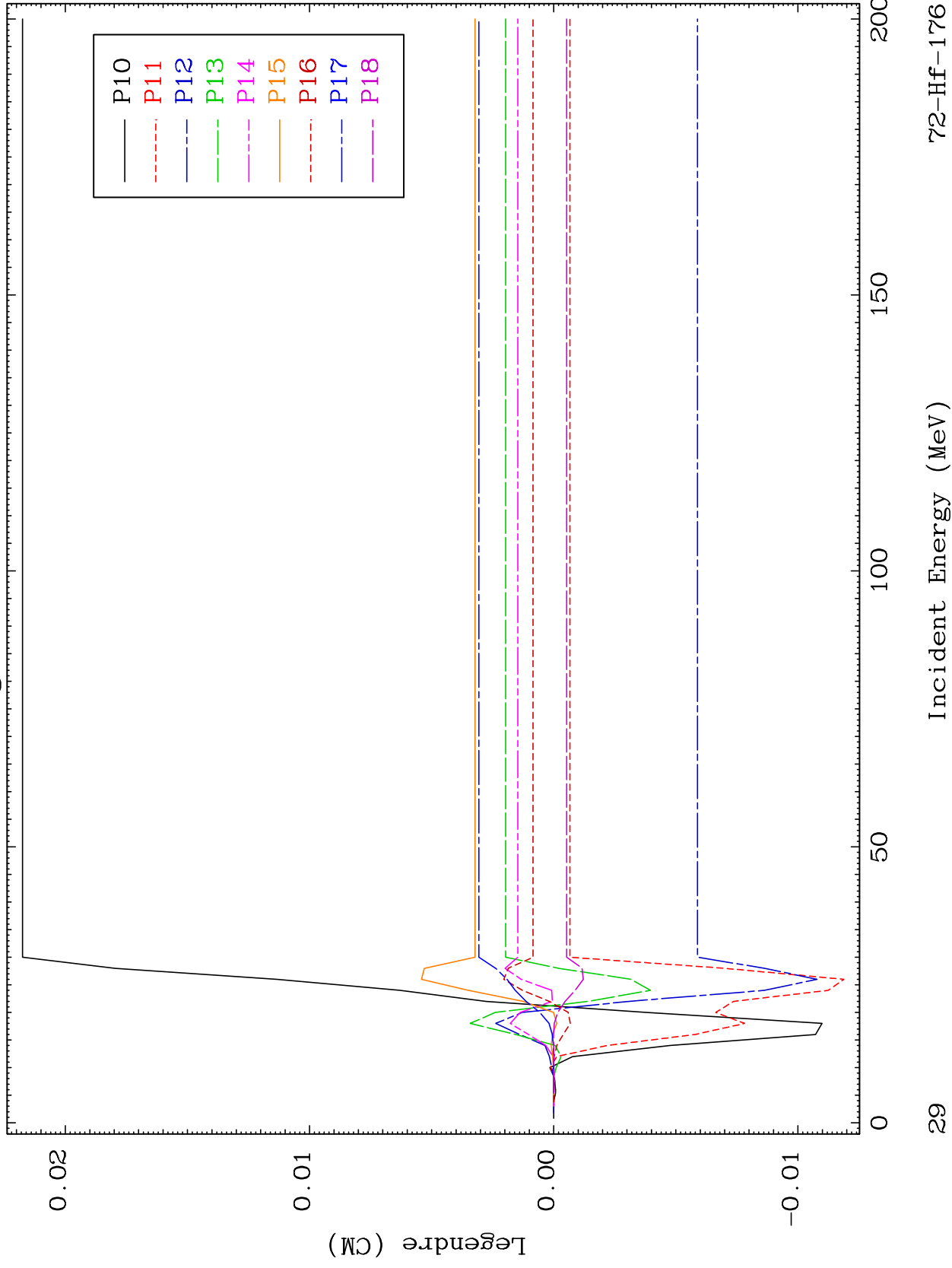


28

MAT 7231

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

72-Hf-176



29

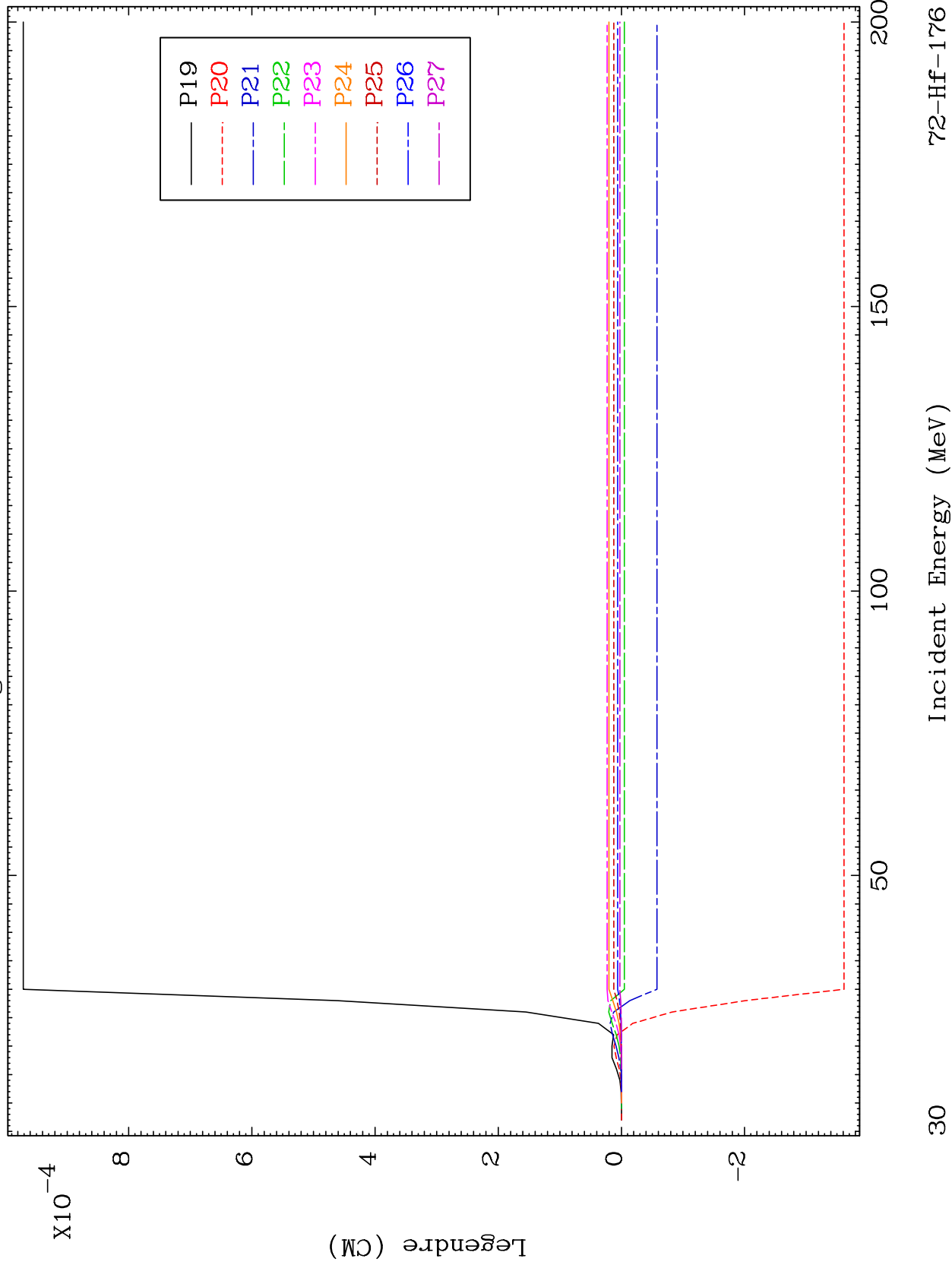
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



72-Hf-176

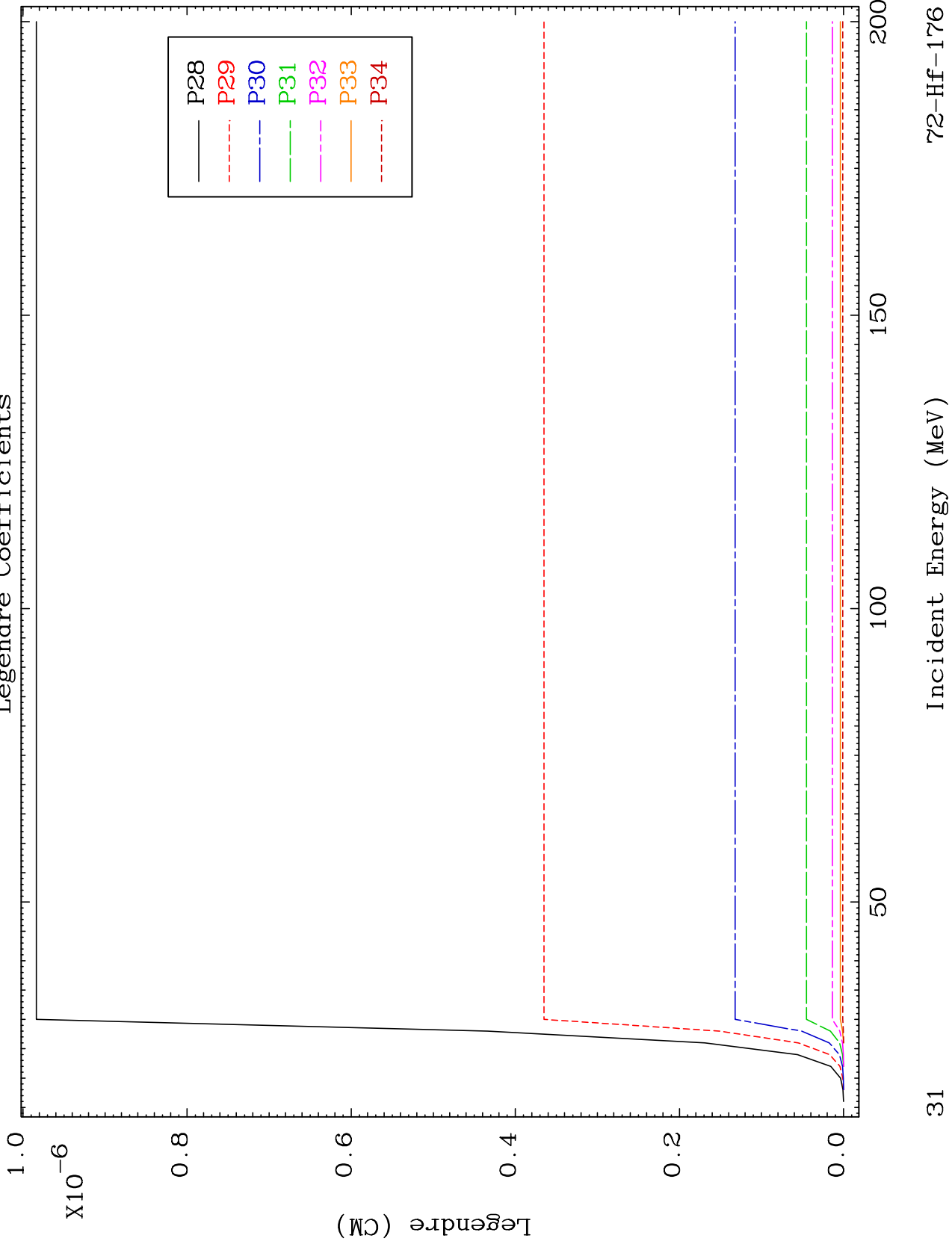
Incident Energy (MeV)

30

MAT 7231

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

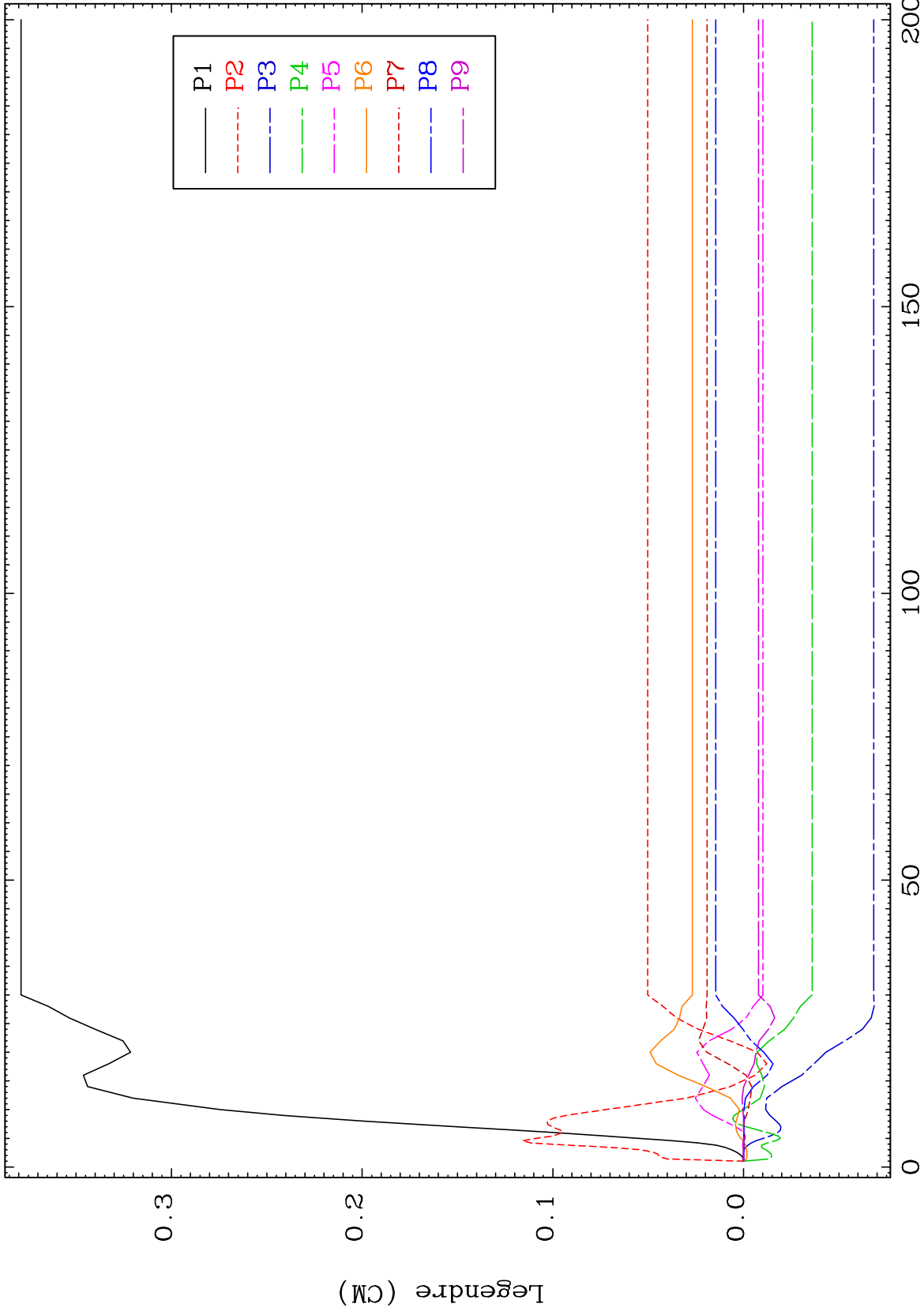
72-Hf-176



MAT 7231

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

72-Hf-176



32

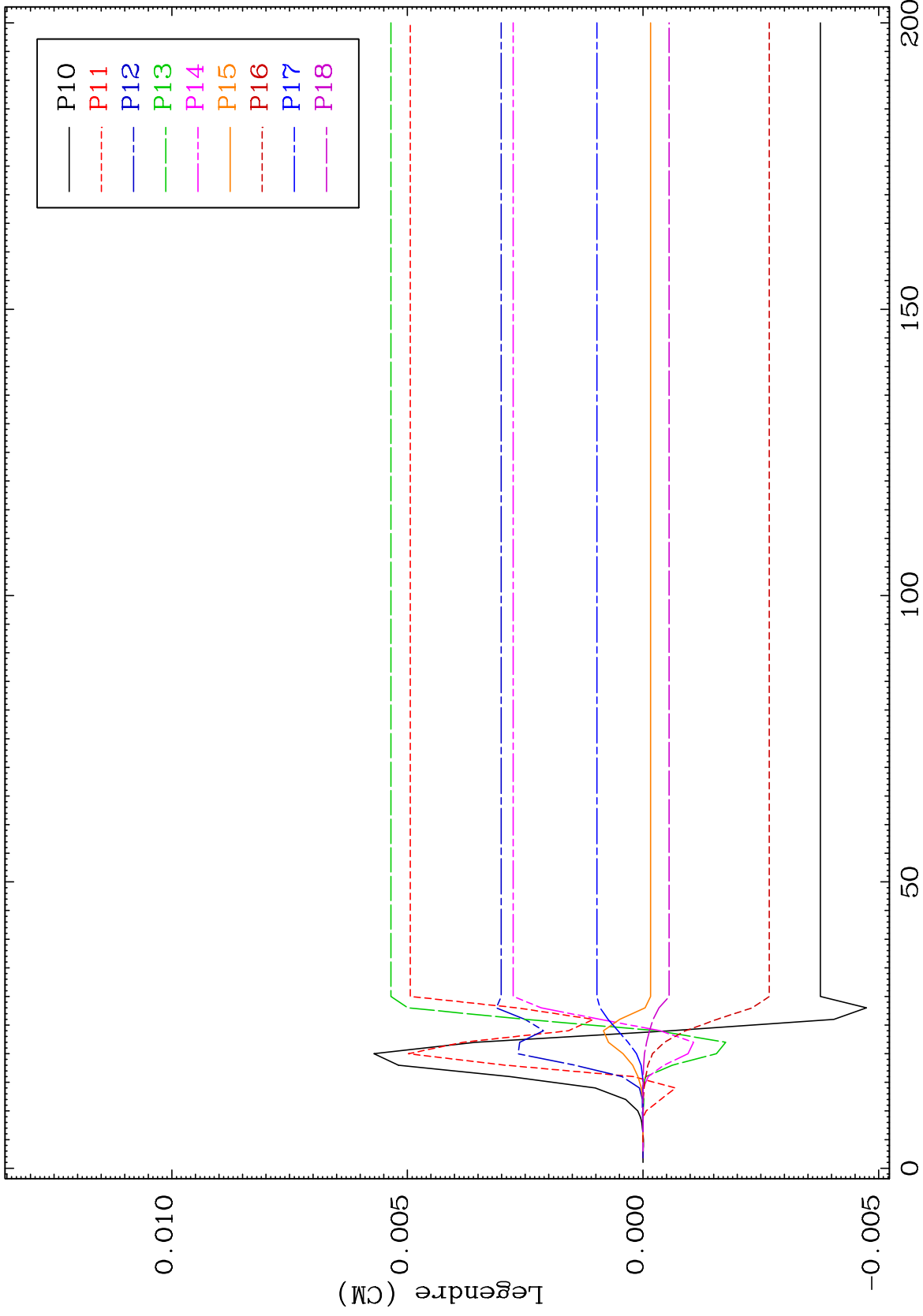
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



33

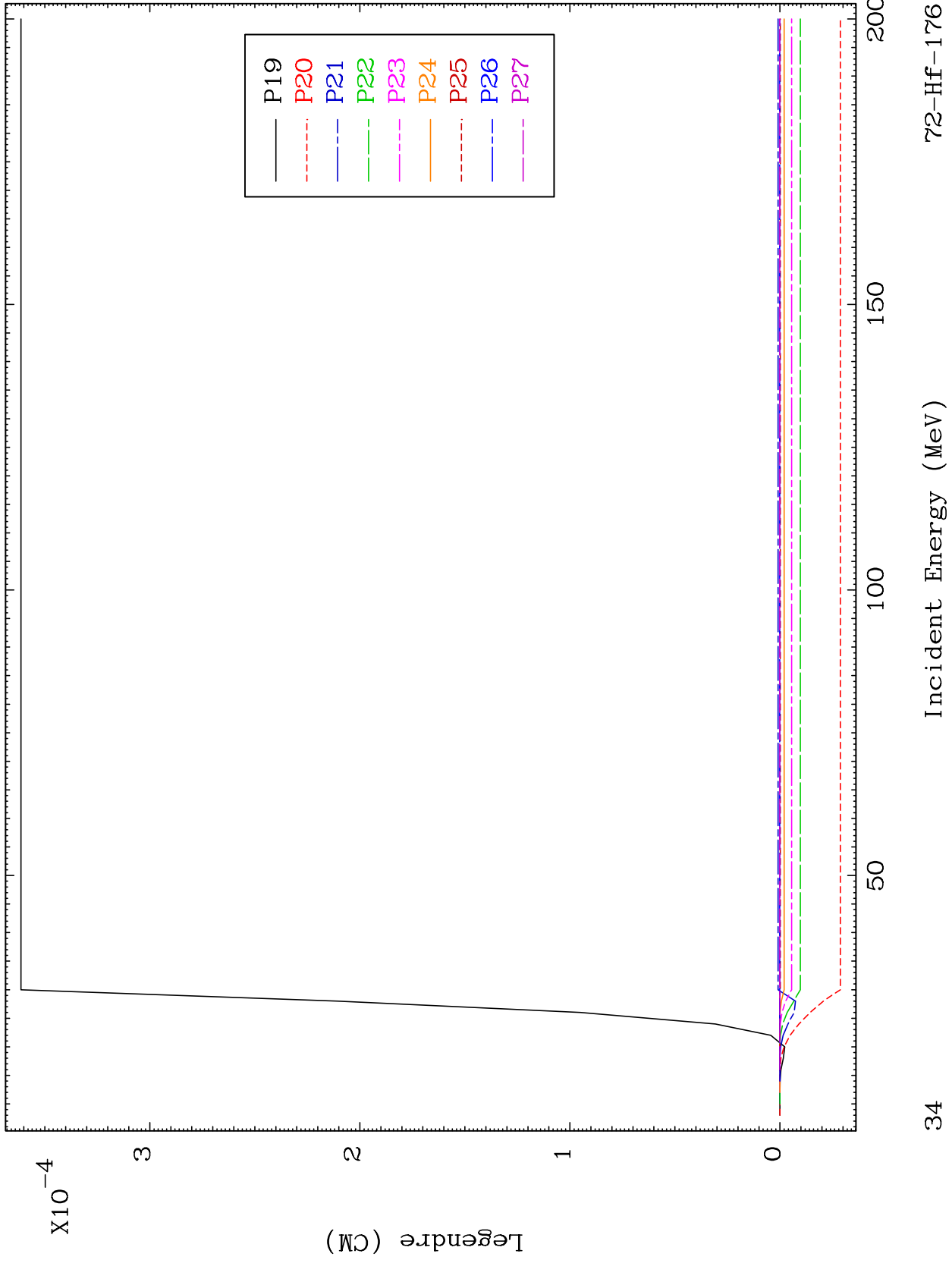
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



34

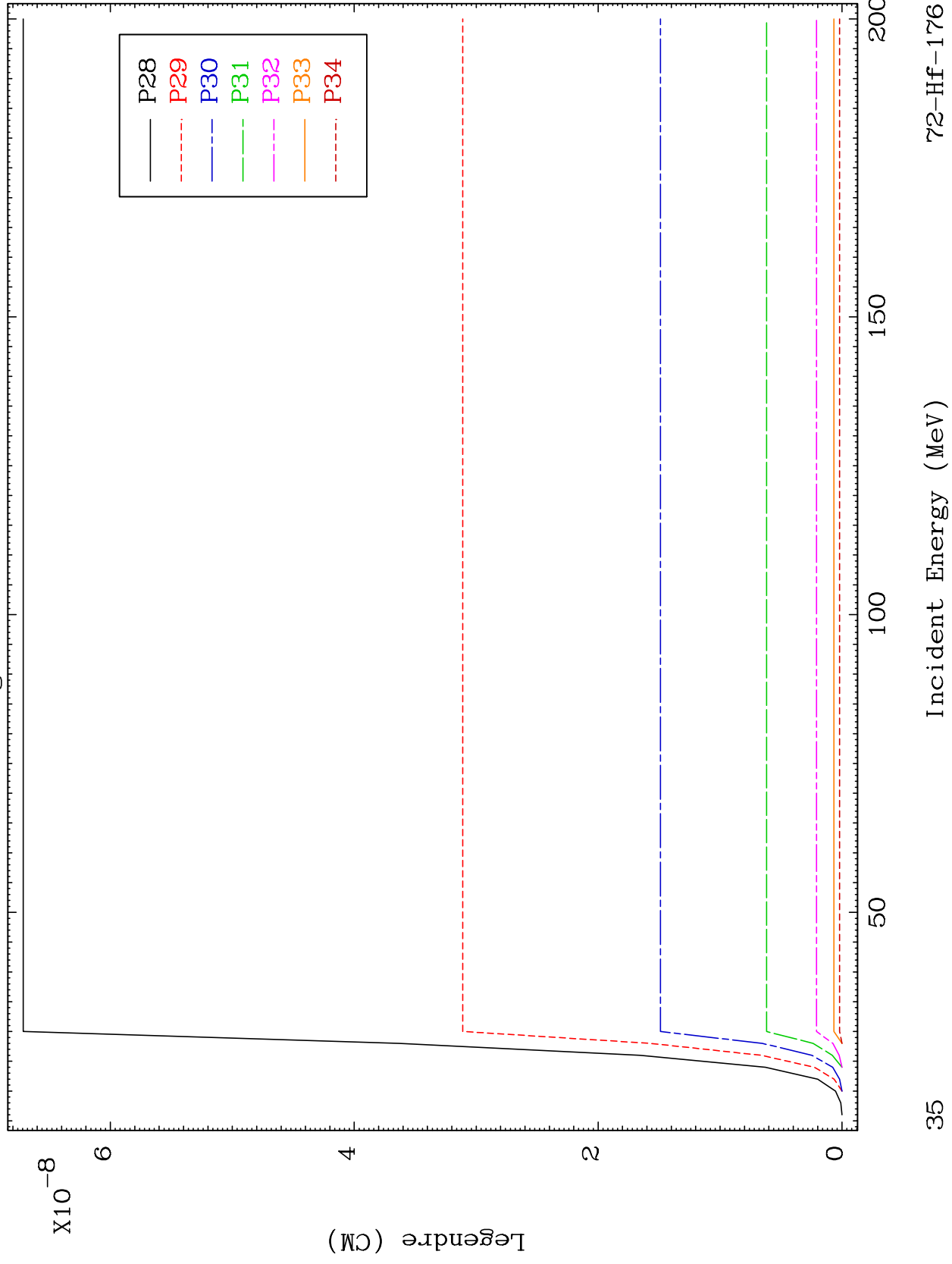
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

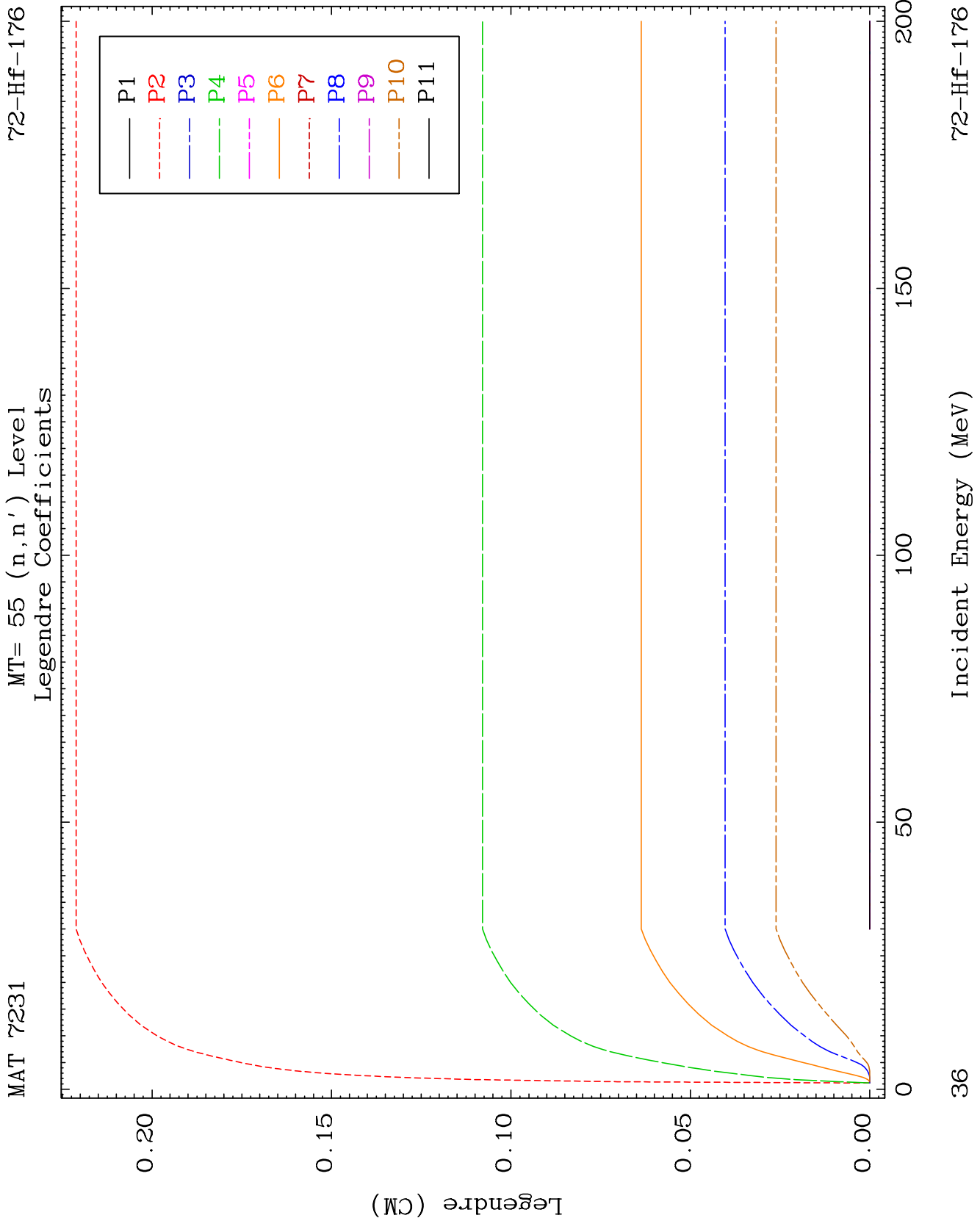
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35

Incident Energy (MeV)

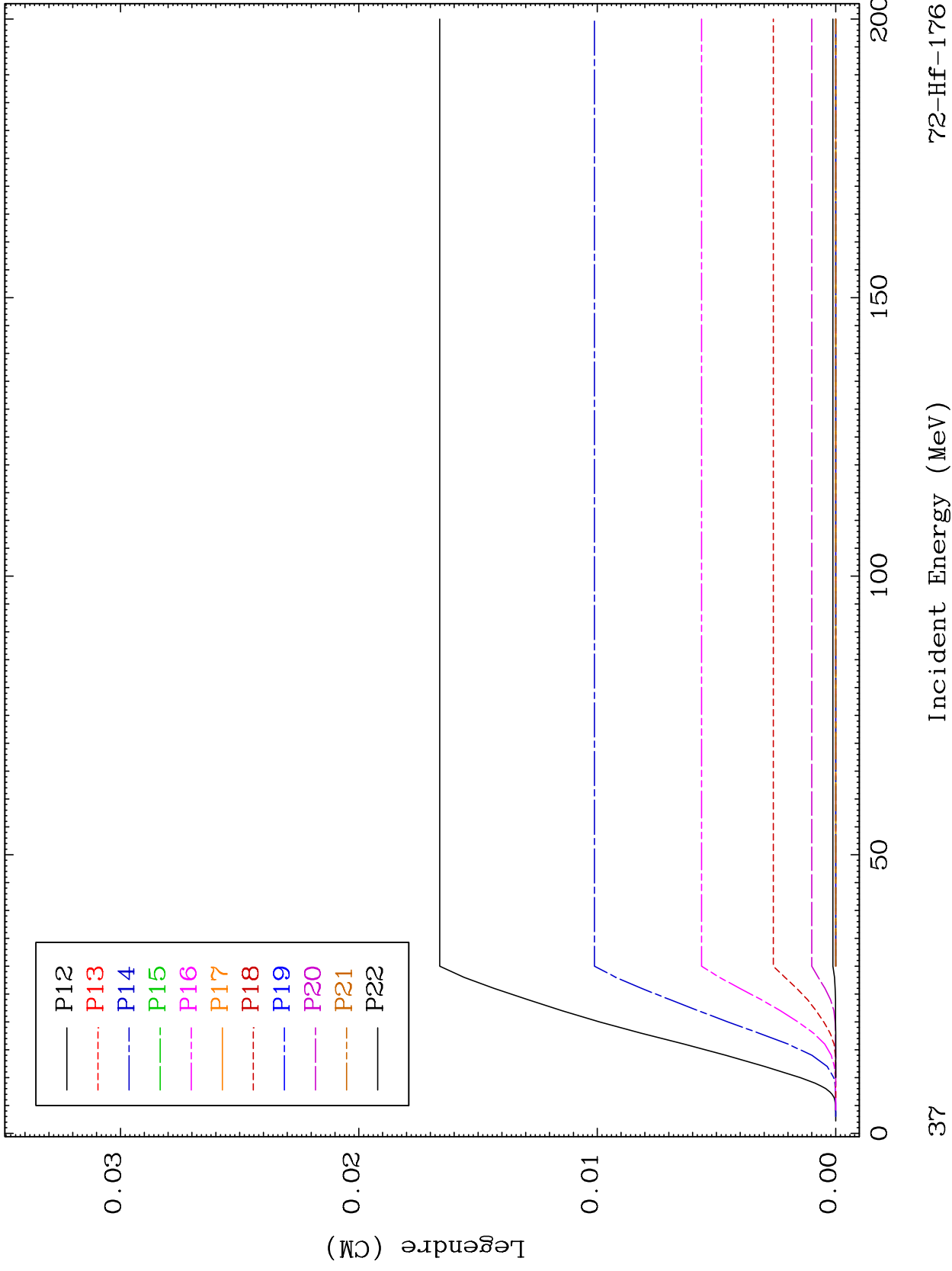
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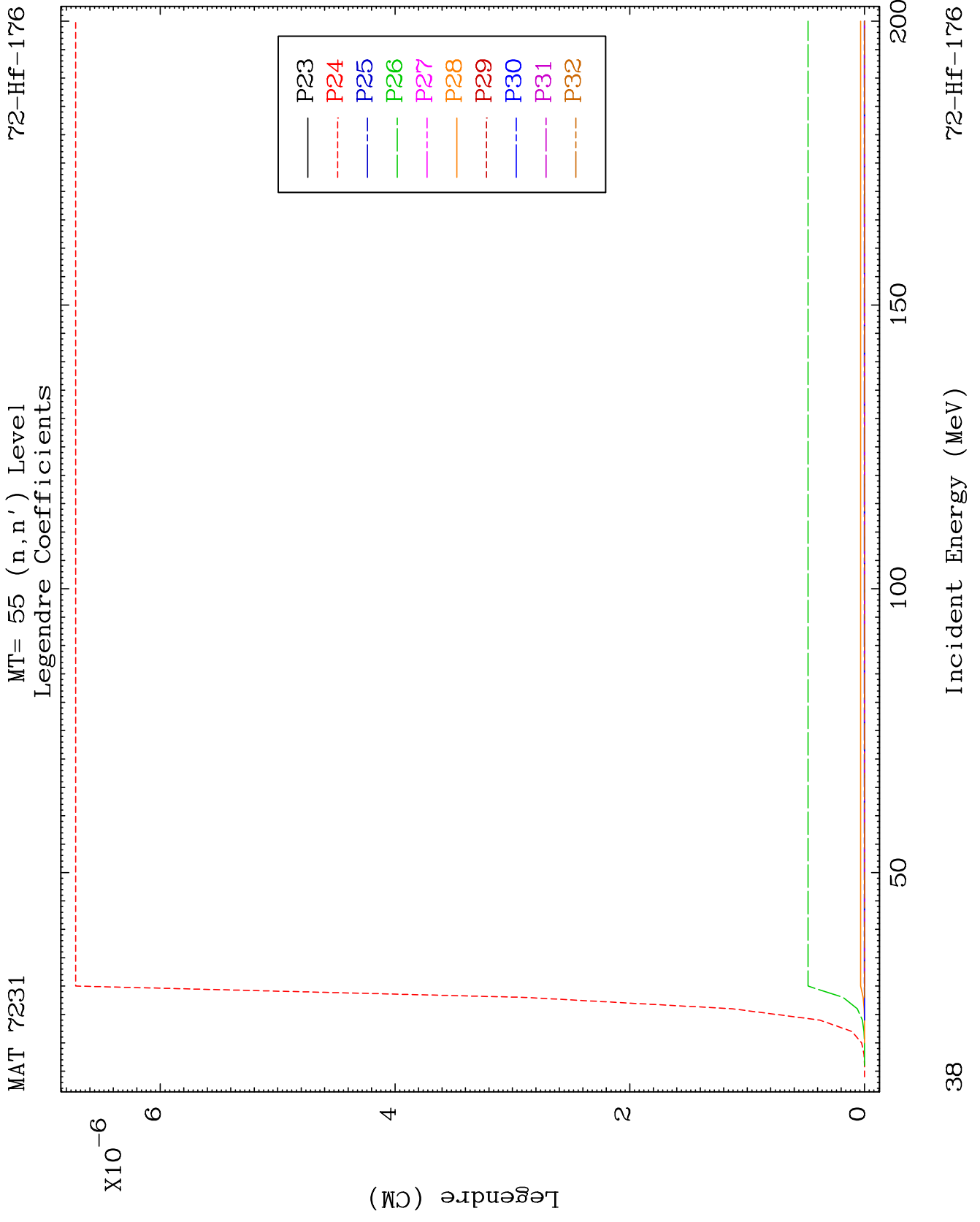


MAT 7231

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

72-Hf-176

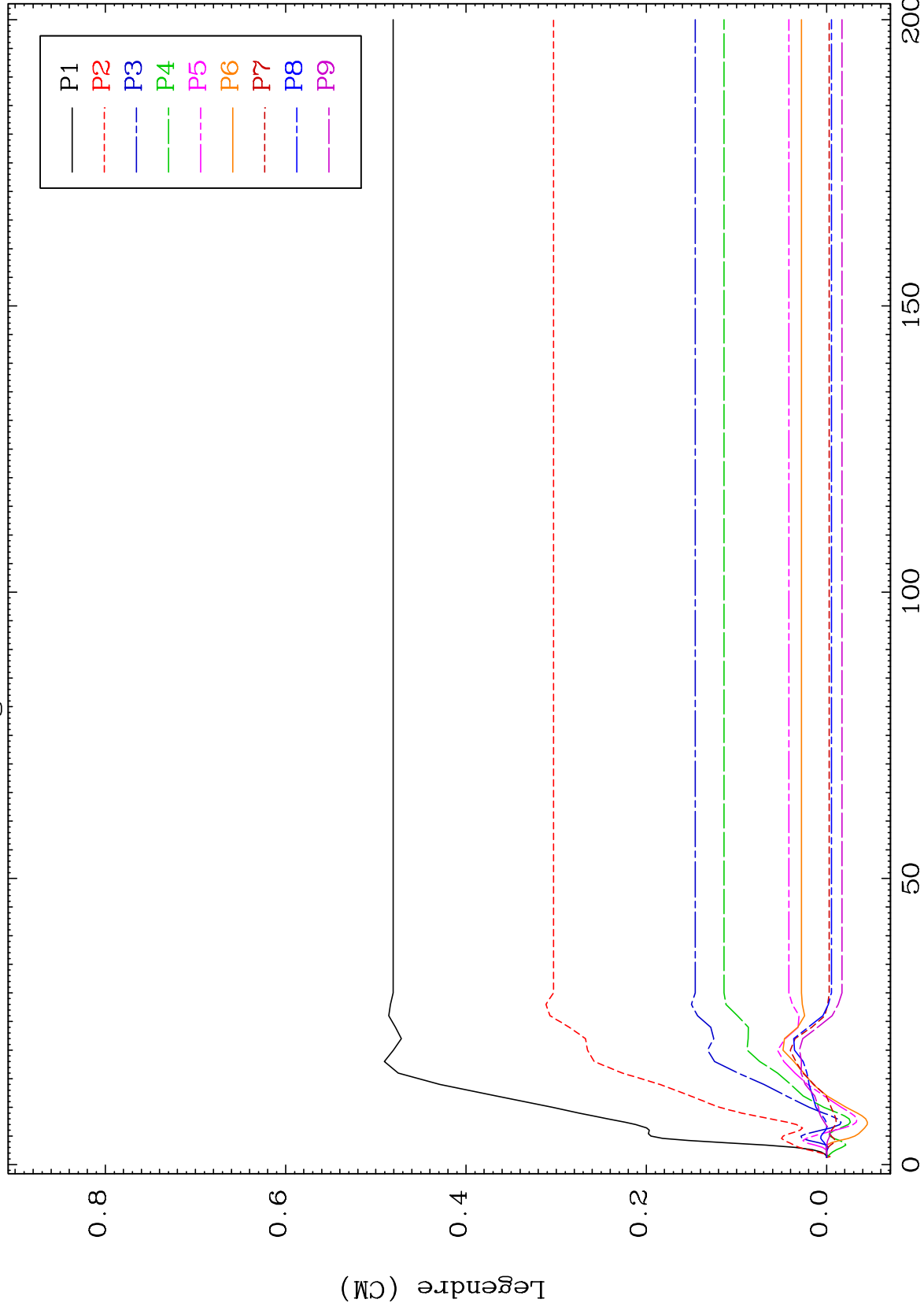




MAT 7231

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

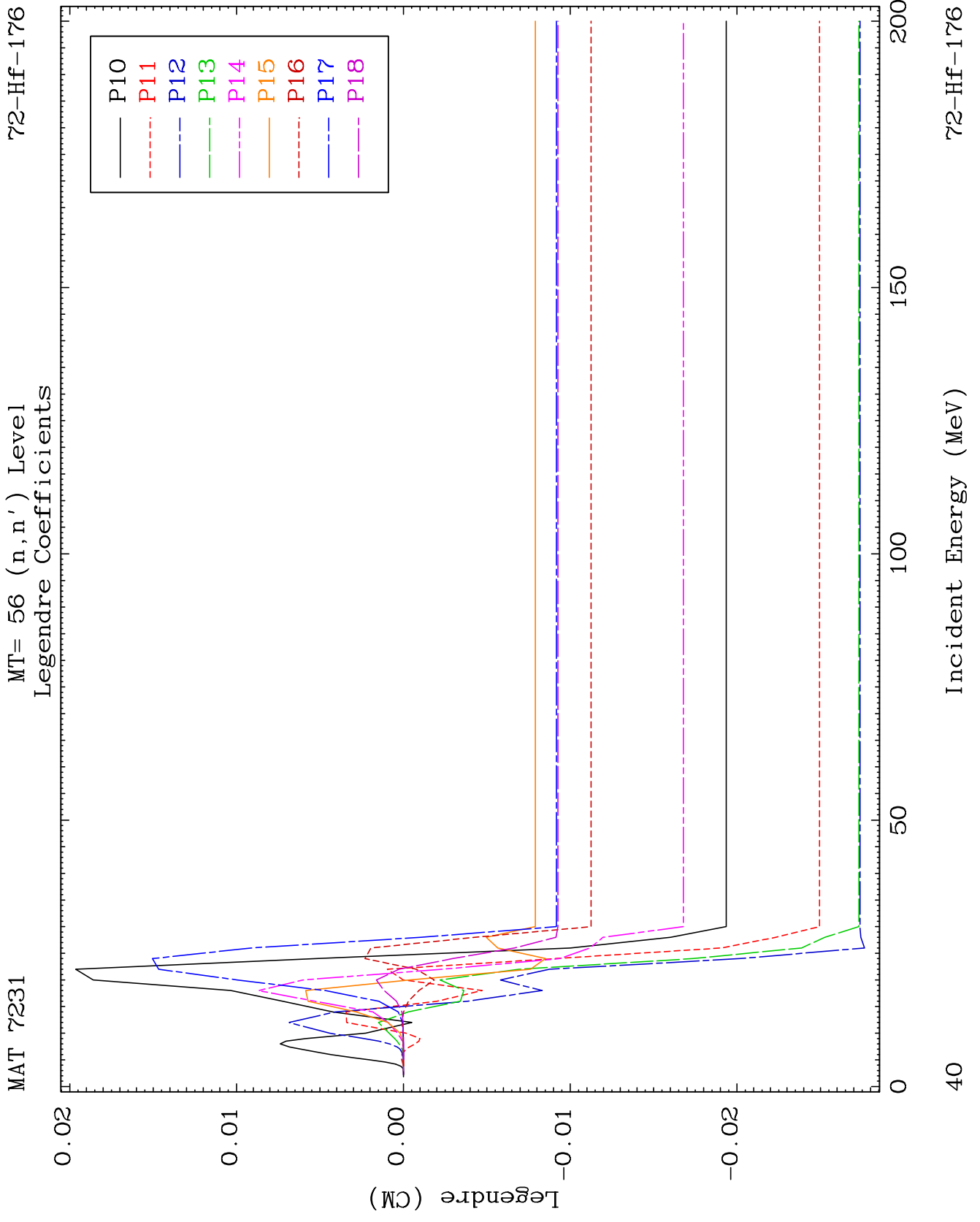
72-Hf-176



39

Incident Energy (MeV)

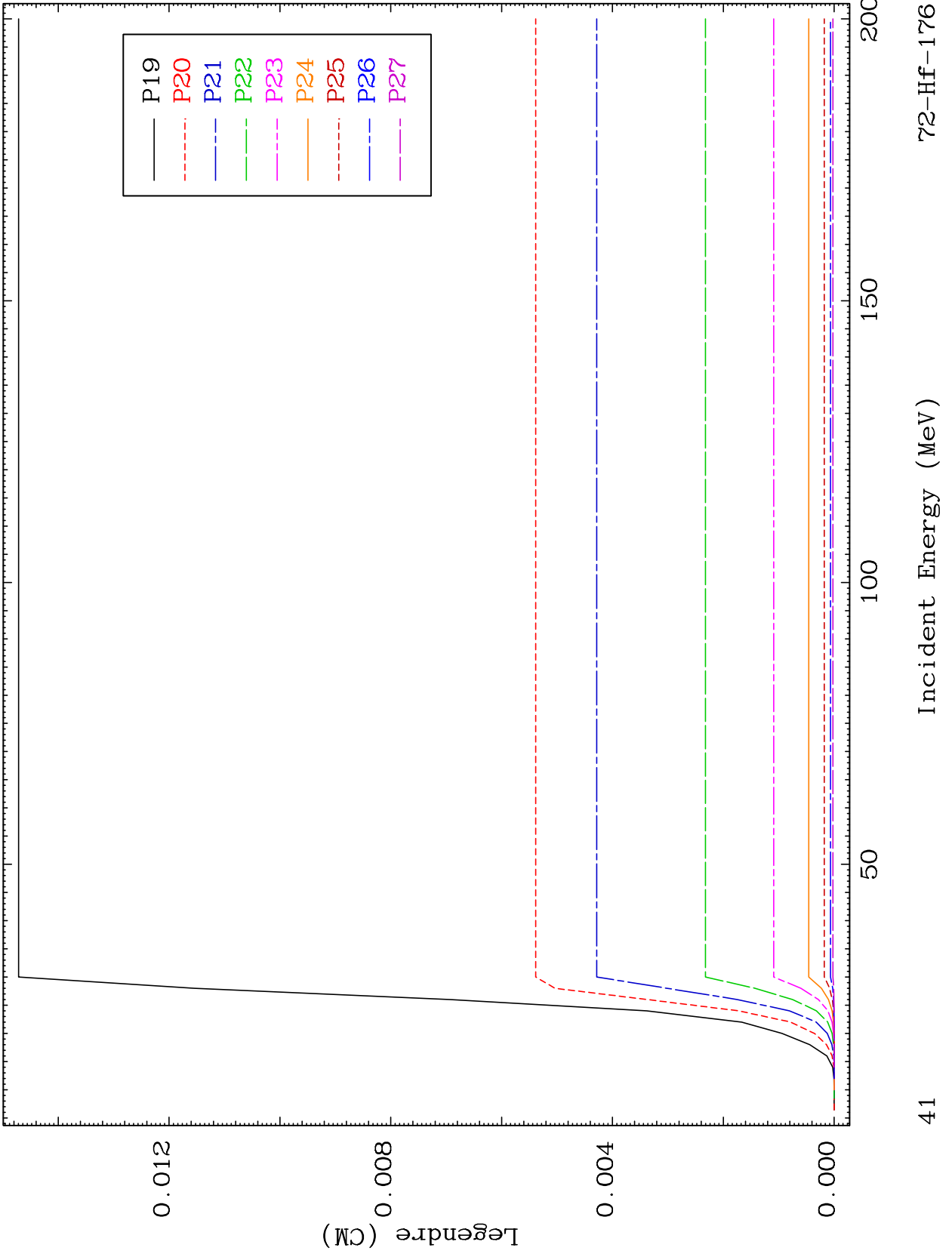
72-Hf-176



MAT 7231

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

72-Hf-176



41

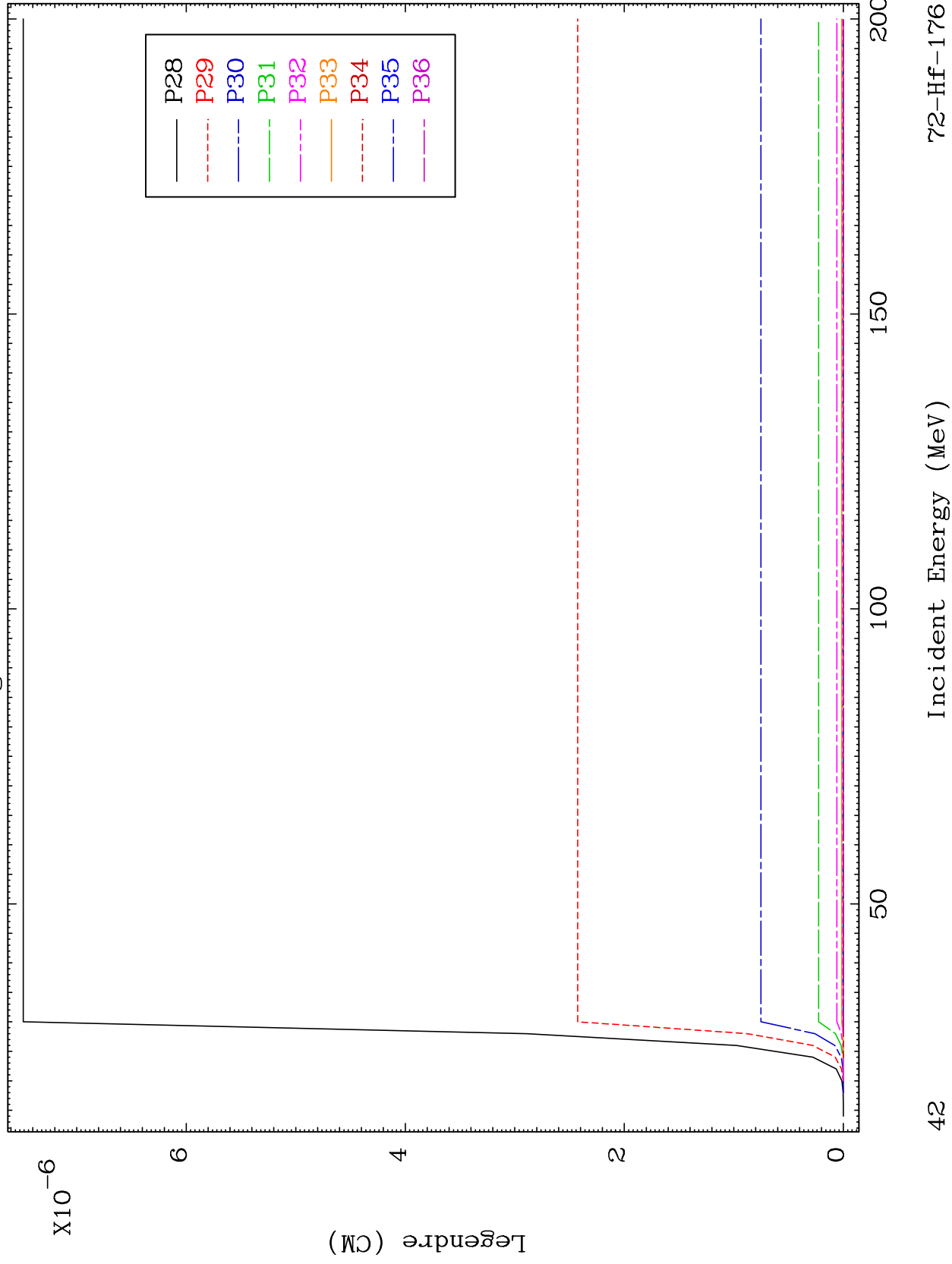
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



42

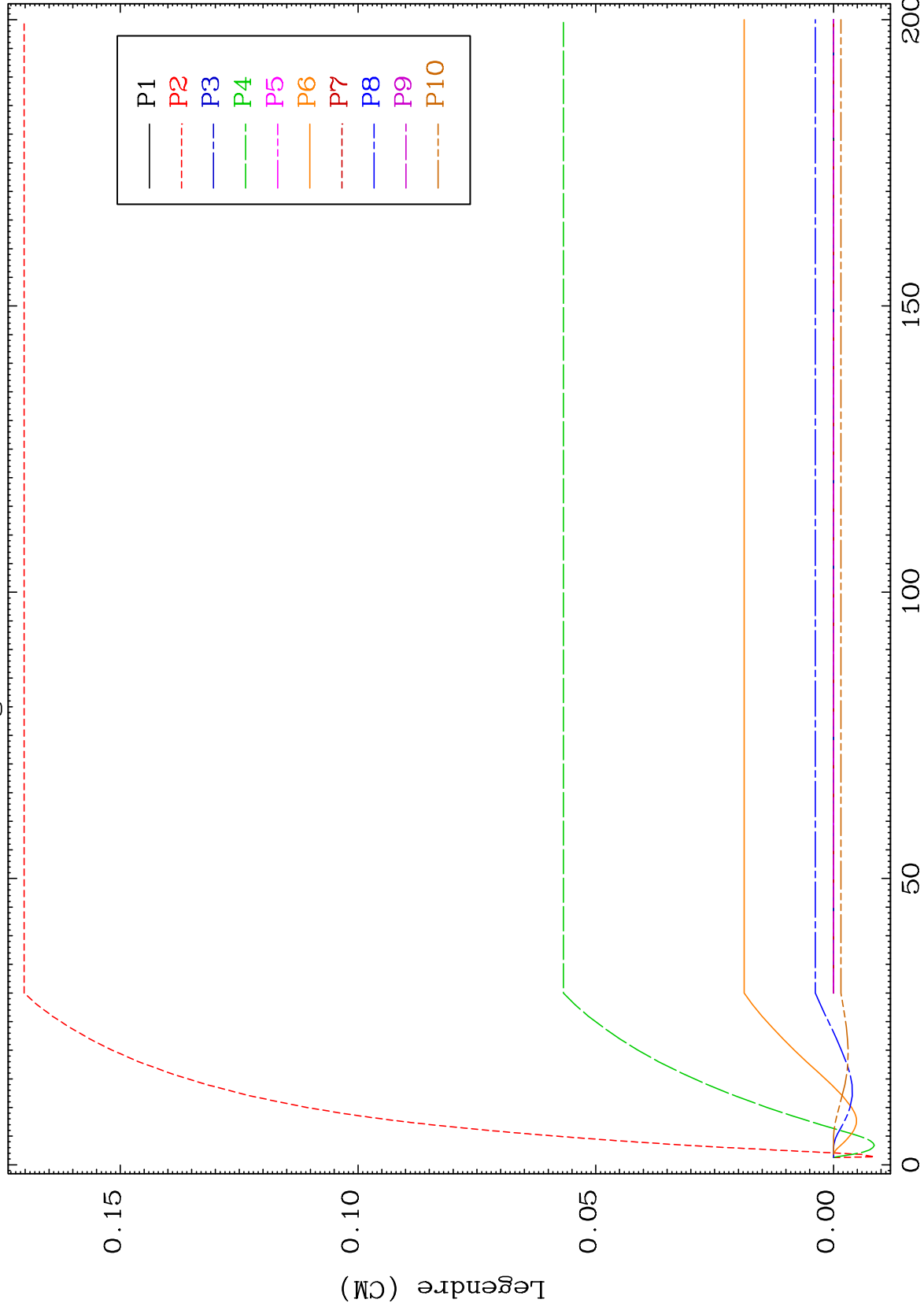
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



43

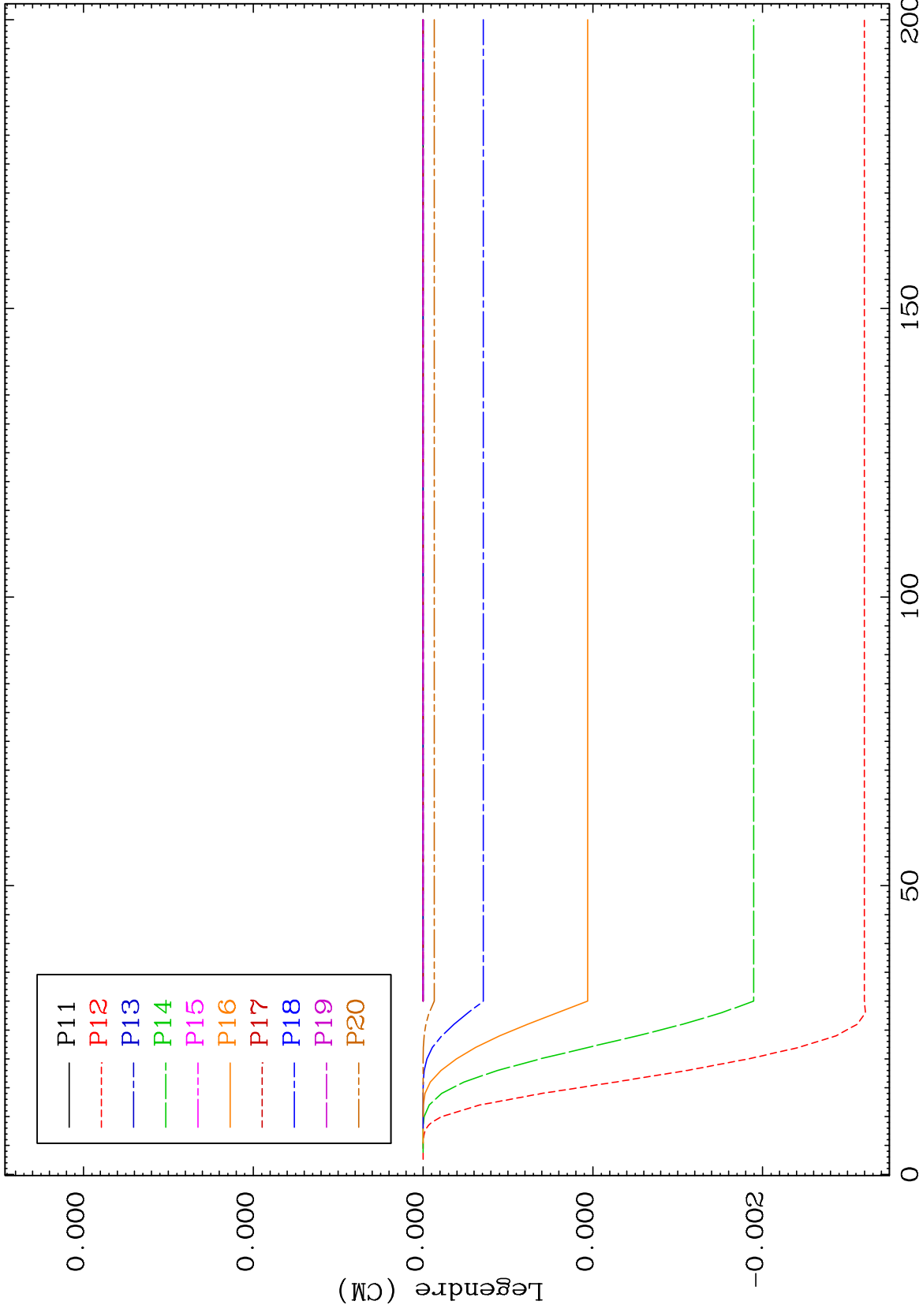
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

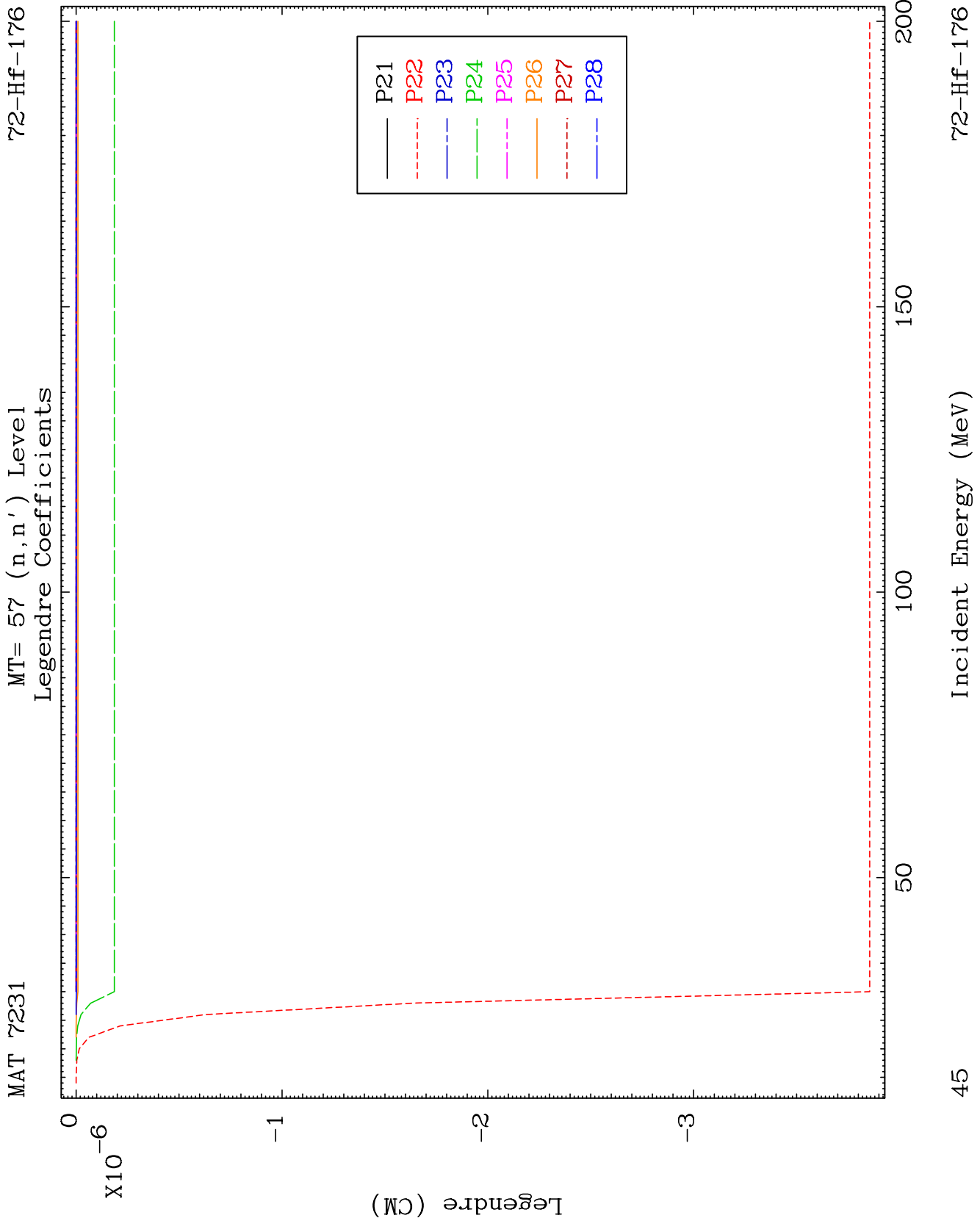
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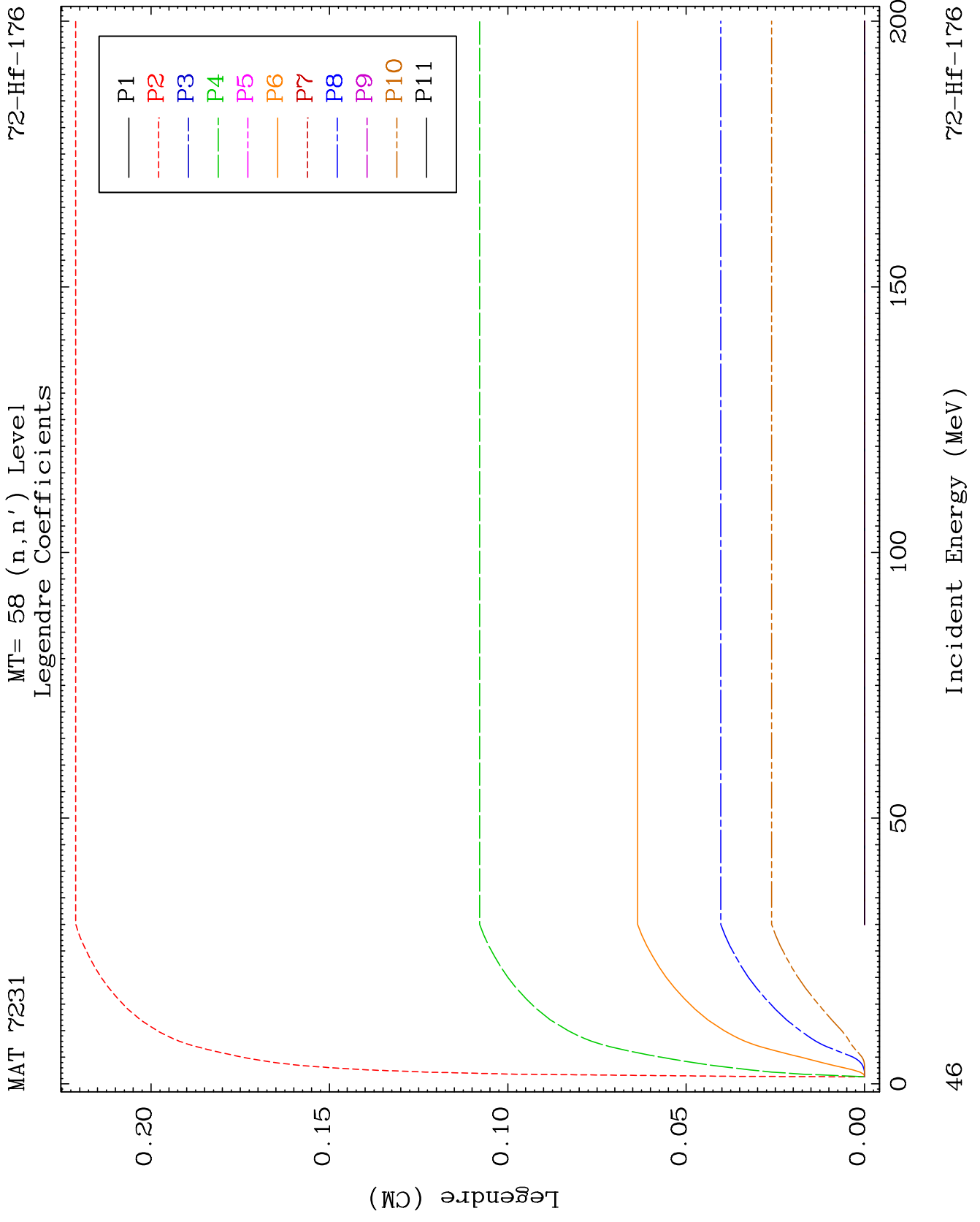


44

Incident Energy (MeV)

72-Hf-176

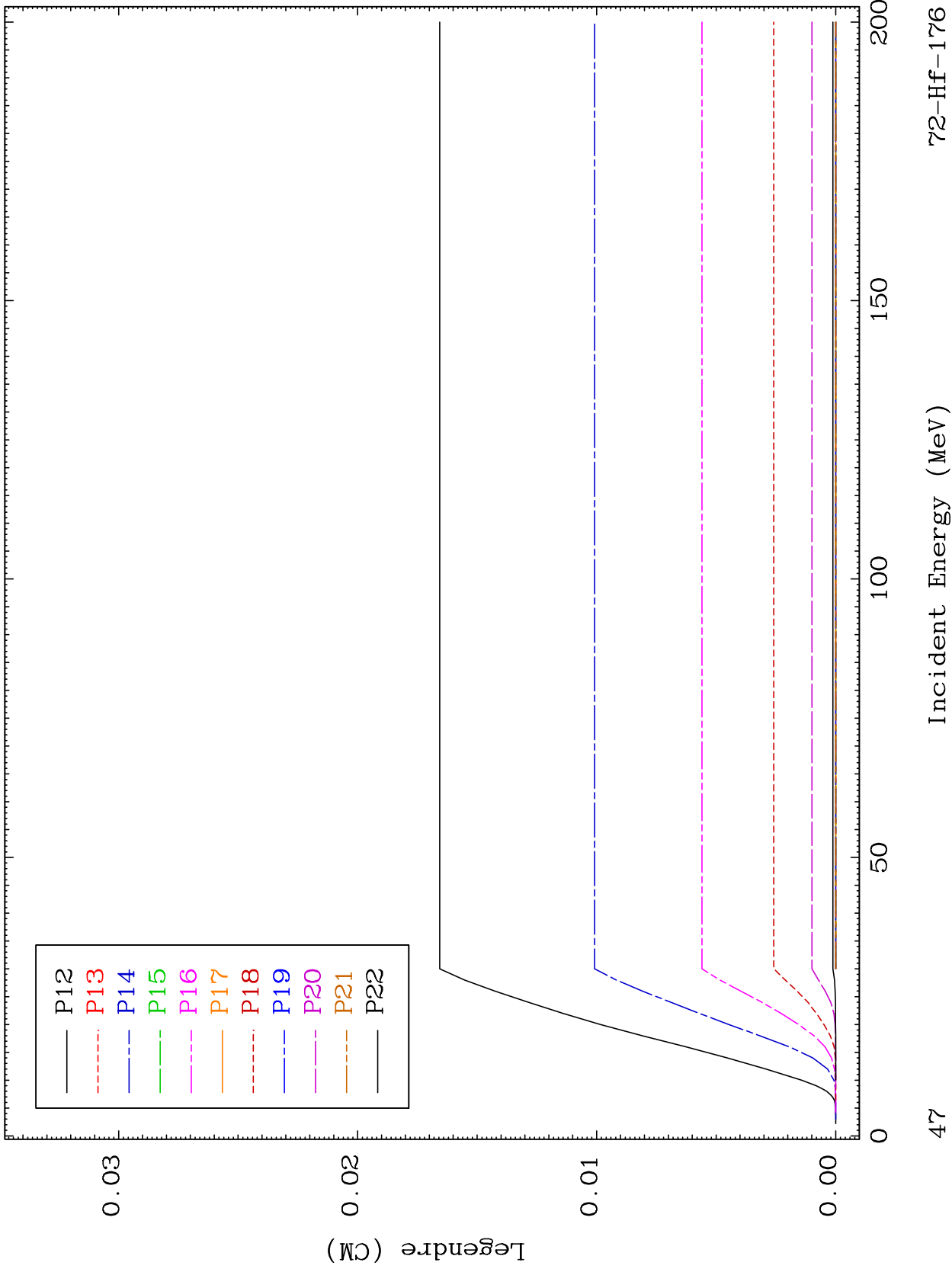




MAT 7231

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

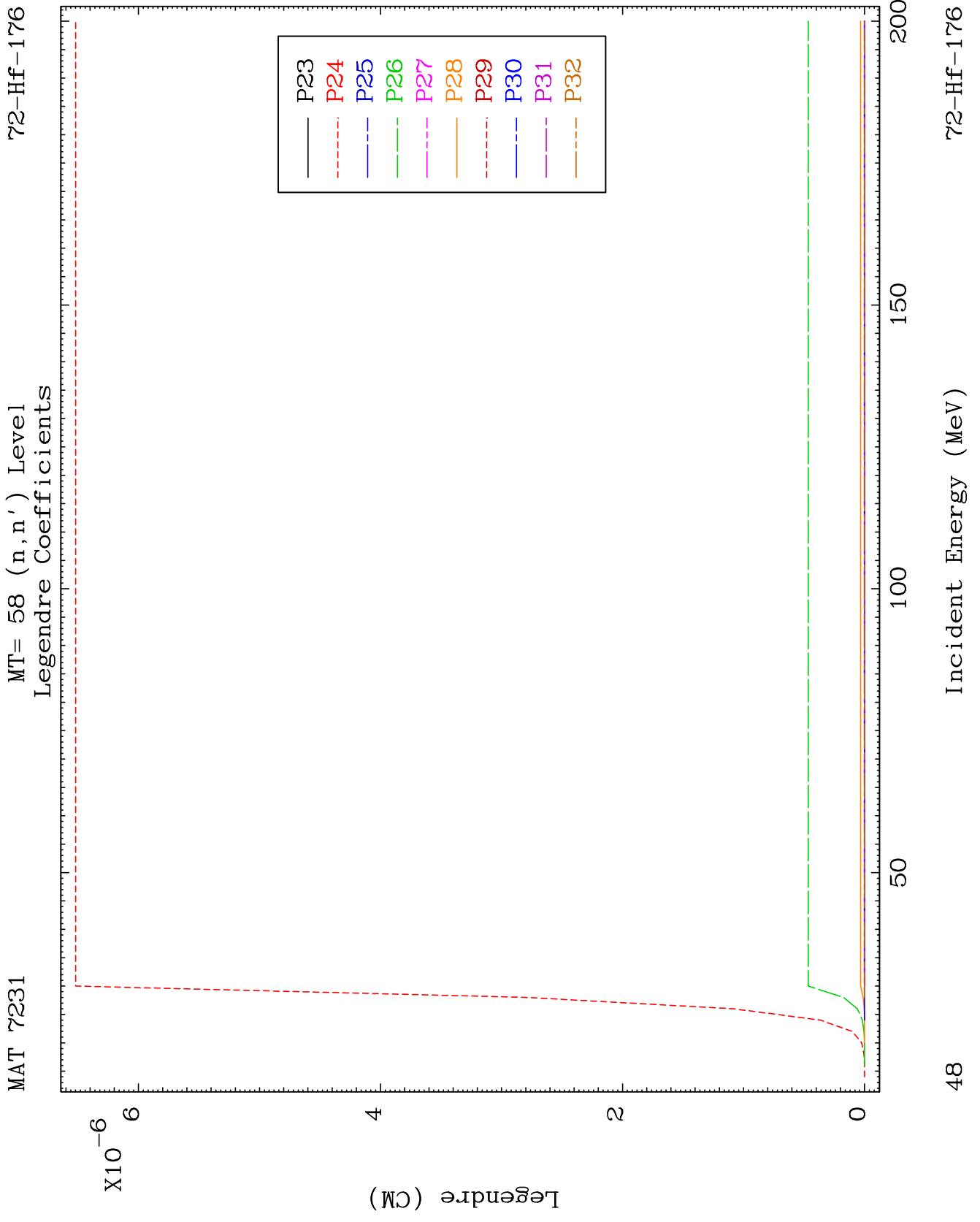
72-Hf-176



47

Incident Energy (MeV)

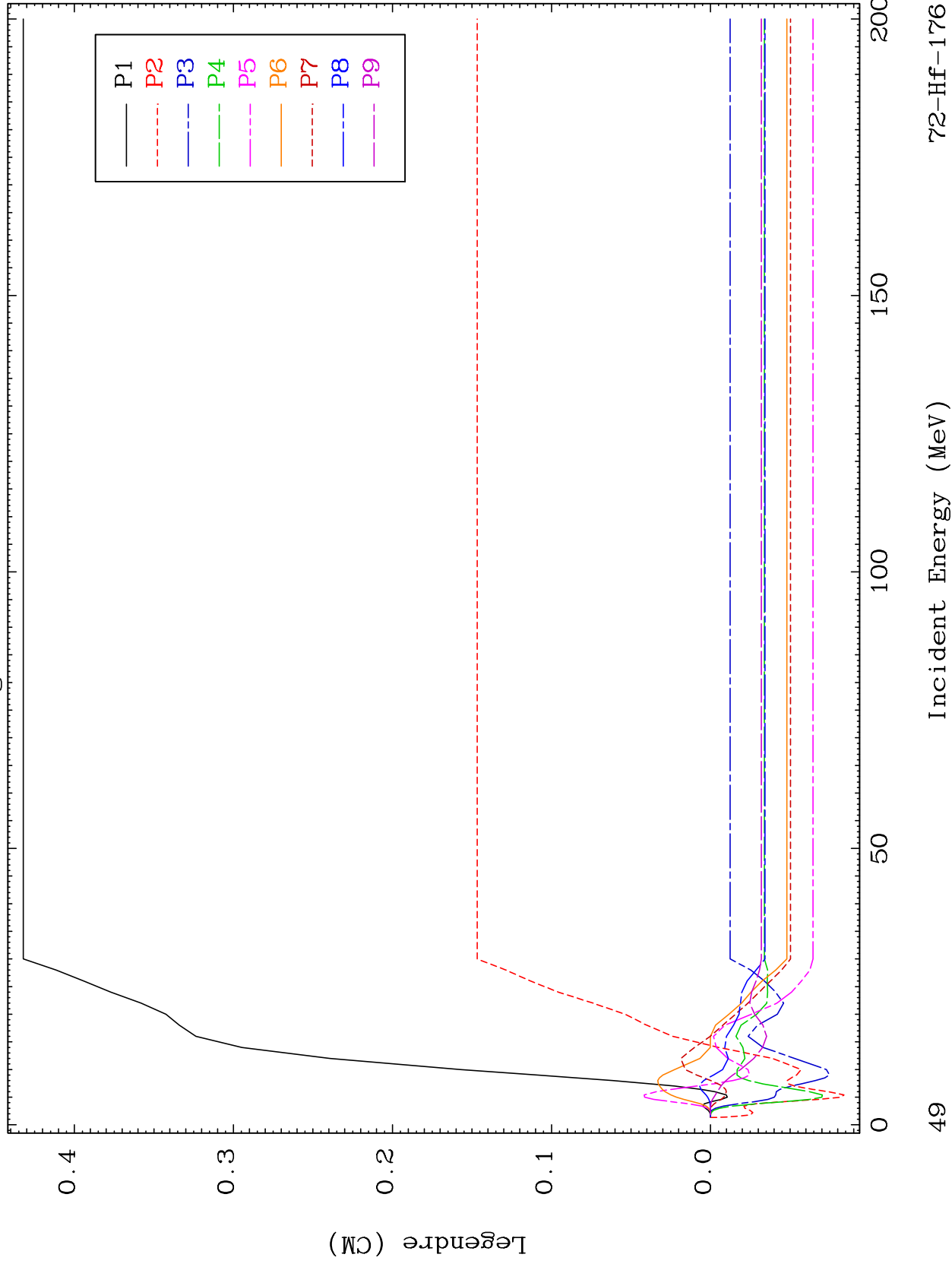
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

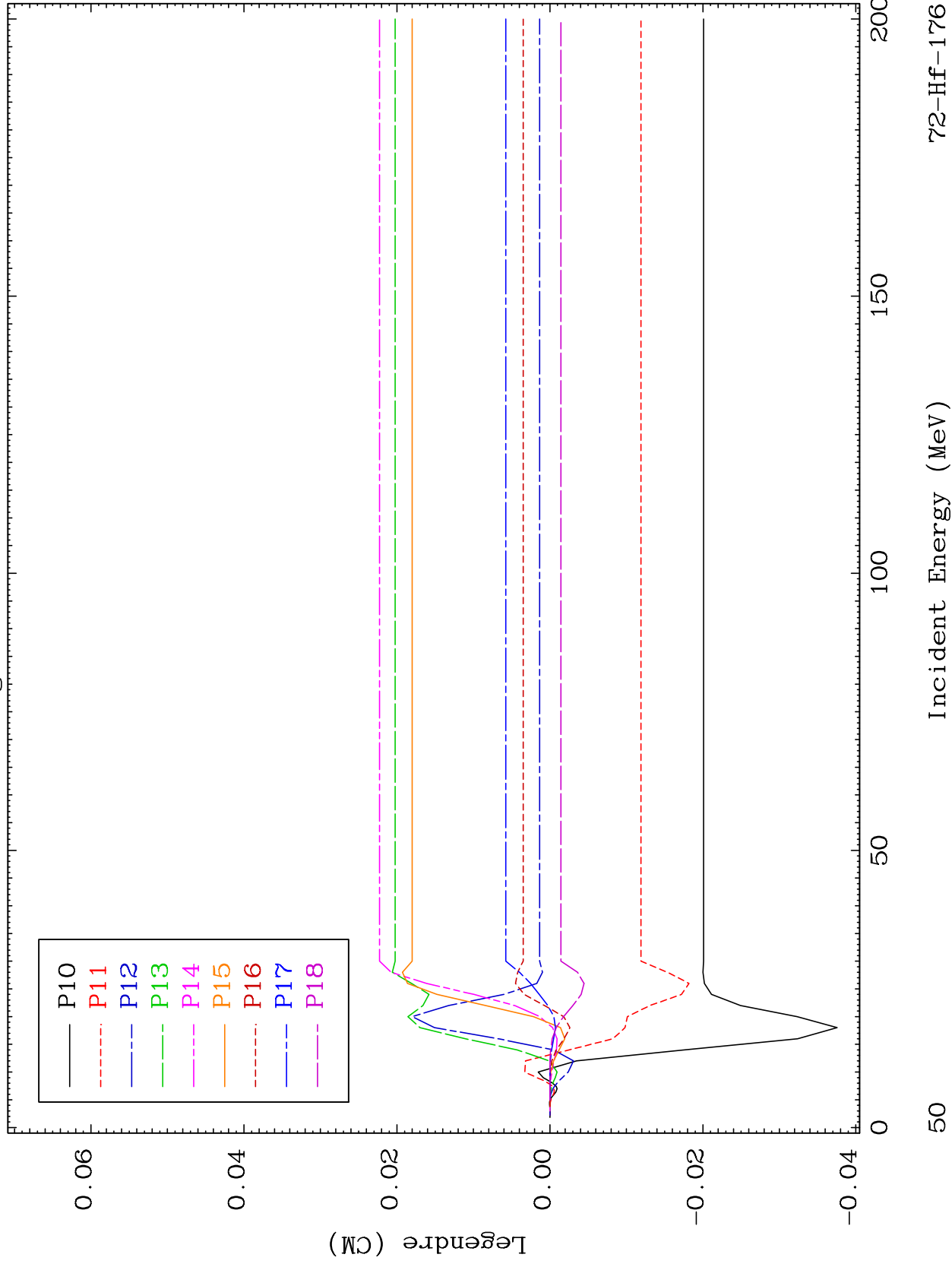
Incident Energy (MeV)

49

MAT 7231

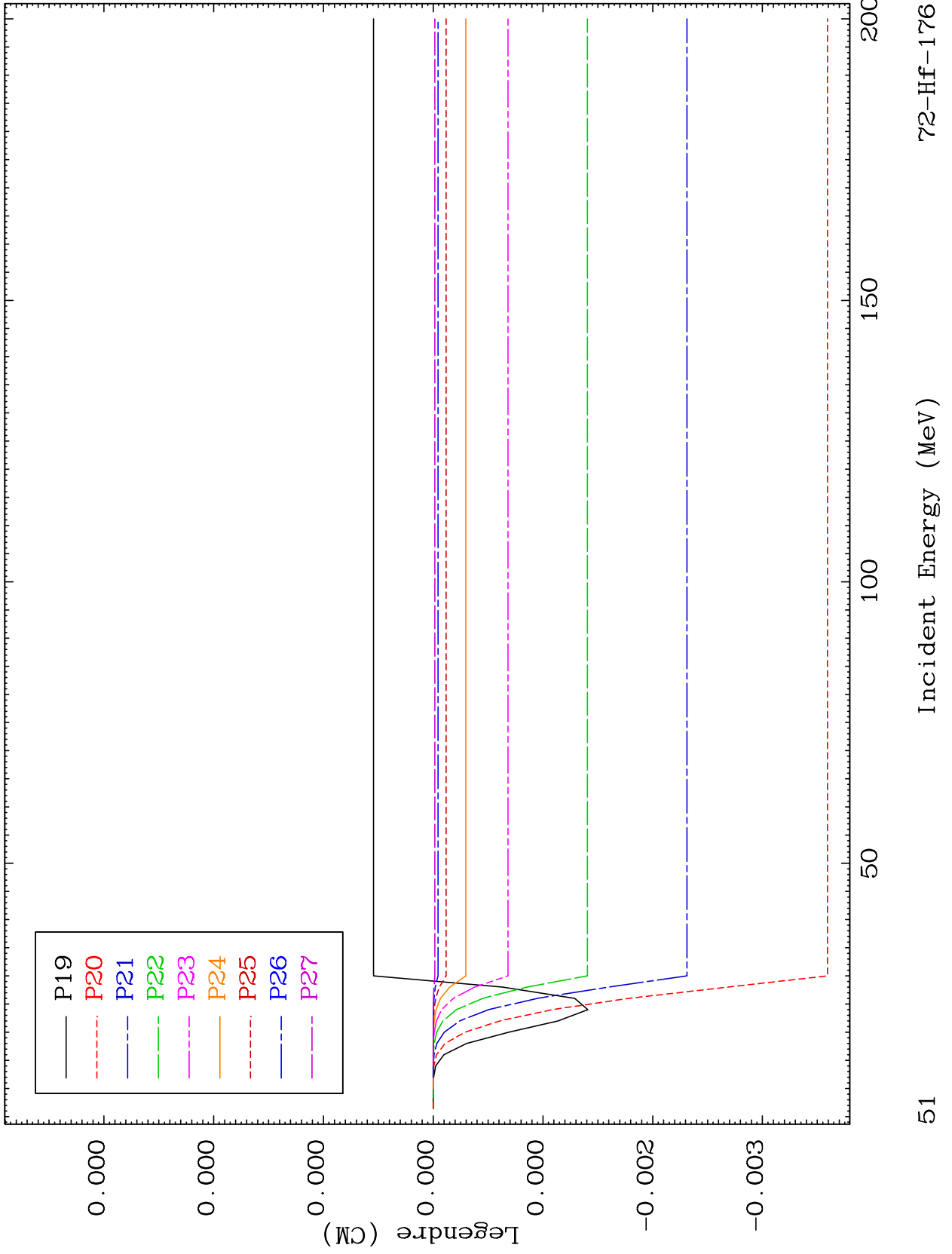
MT= 59 (n,n') Level
Legendre Coefficients

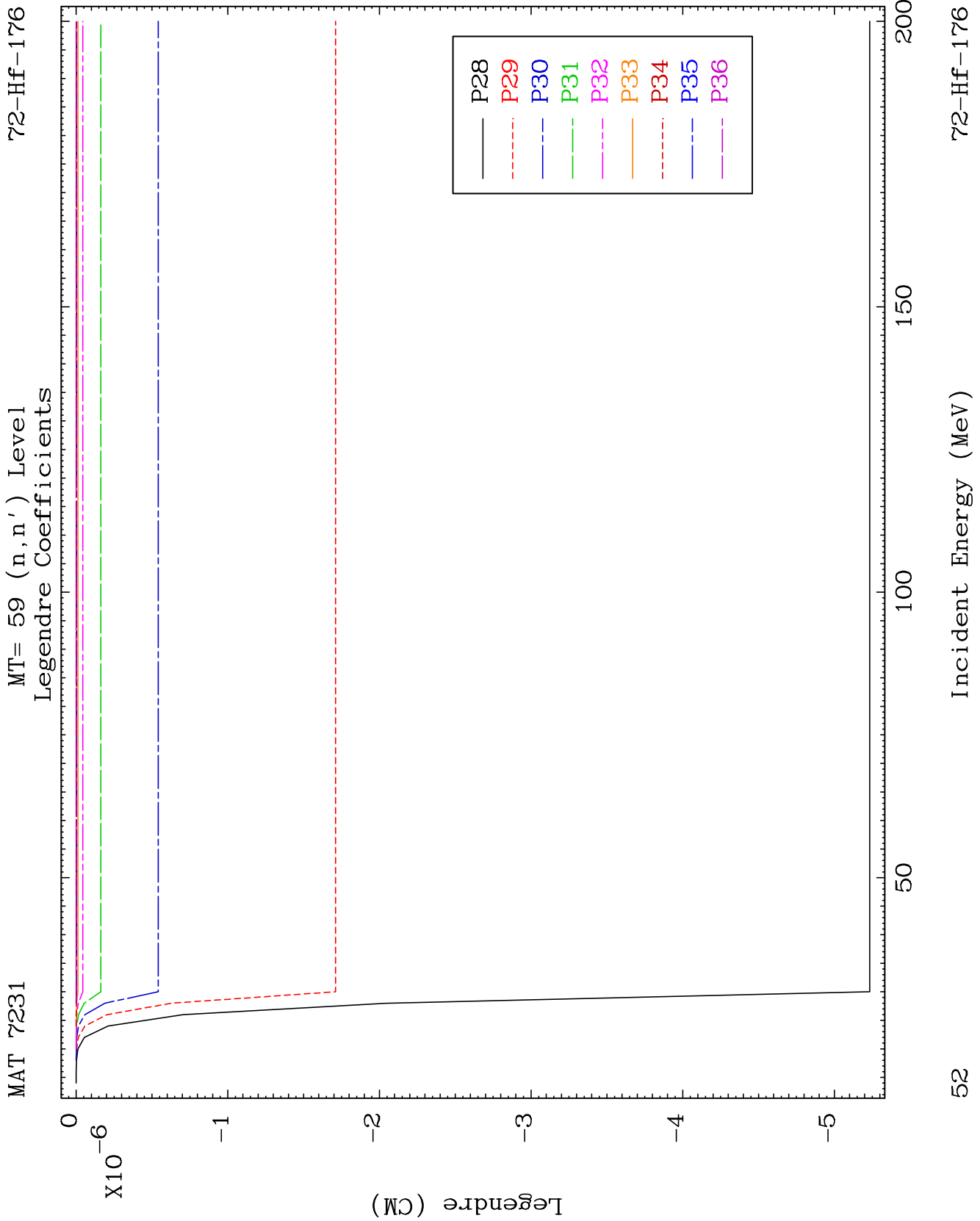
72-Hf-176



72-Hf-176

Incident Energy (MeV)

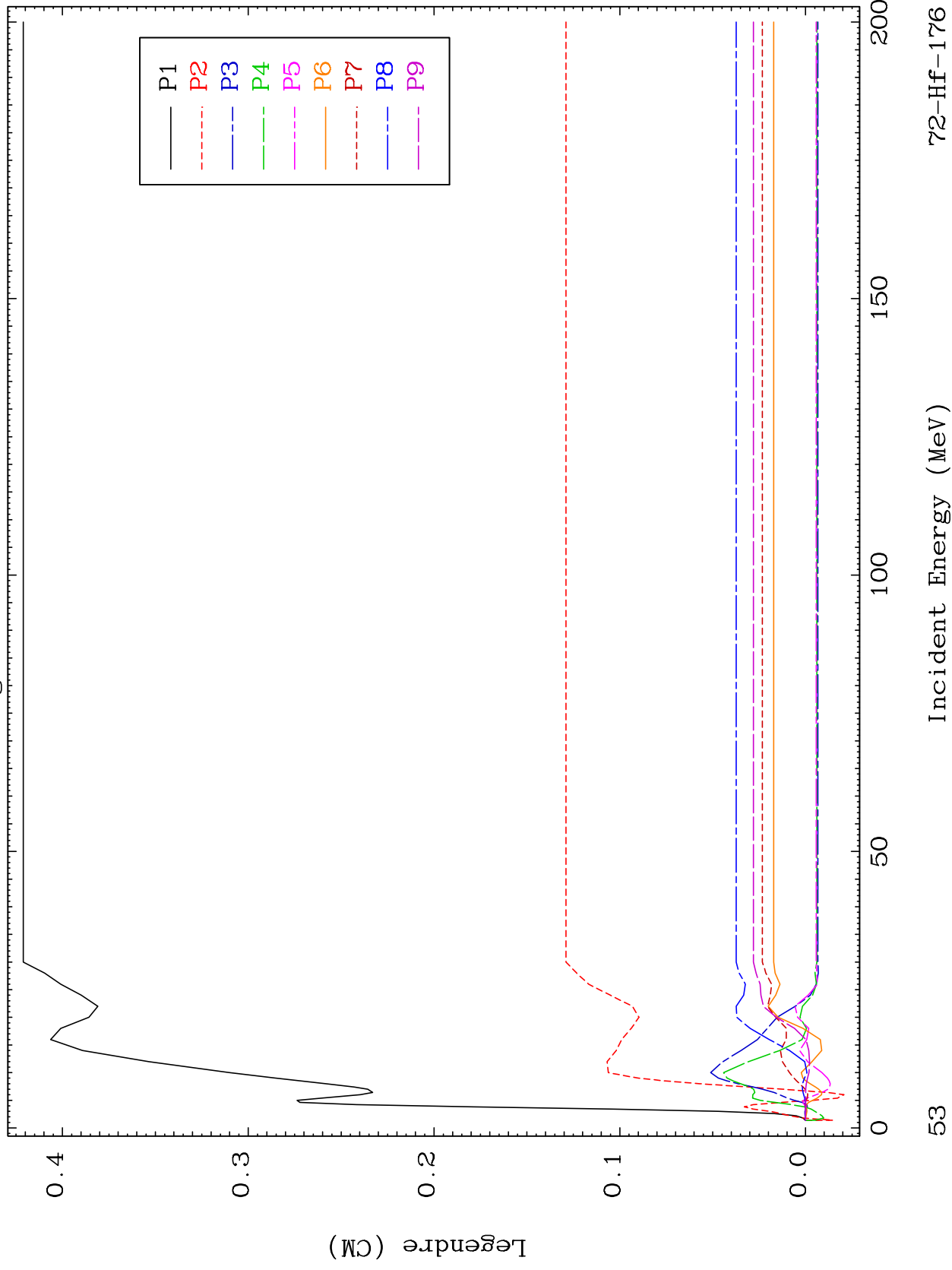




MAT 7231

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

72-Hf-176



72-Hf-176

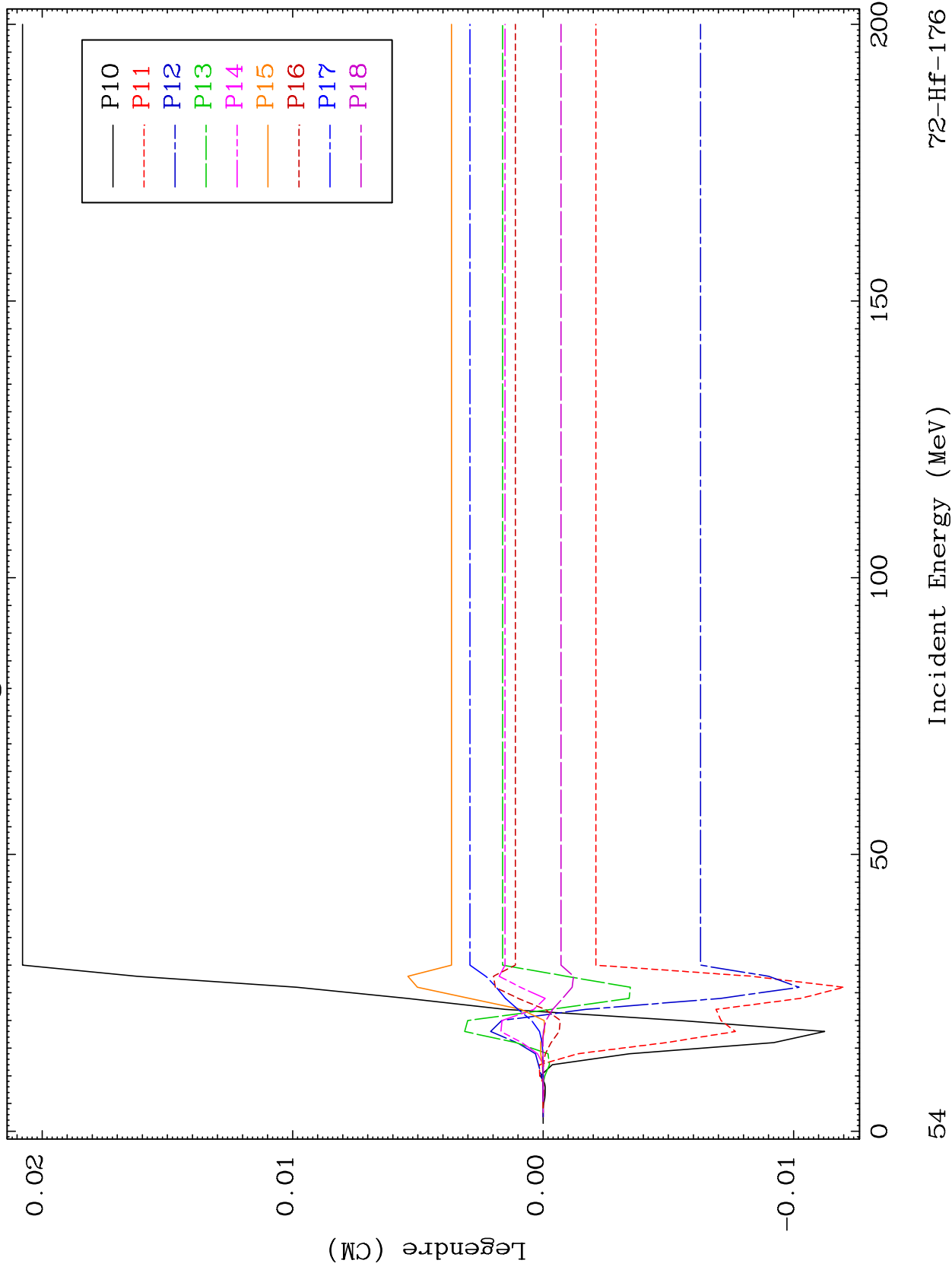
Incident Energy (MeV)

53

MAT 7231

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

72-Hf-176



72-Hf-176

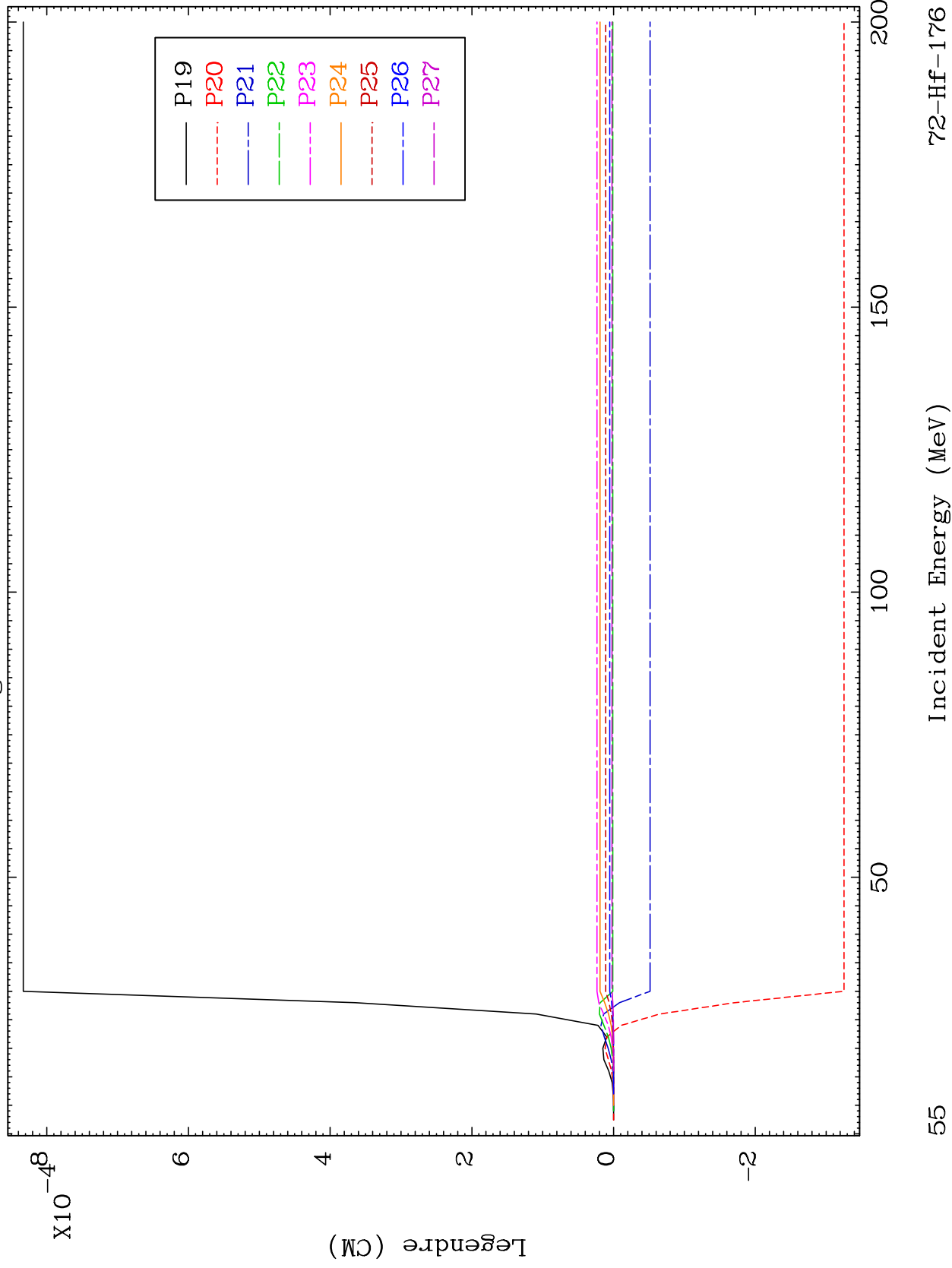
Incident Energy (MeV)

54

MAT 7231

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

72-Hf-176



55

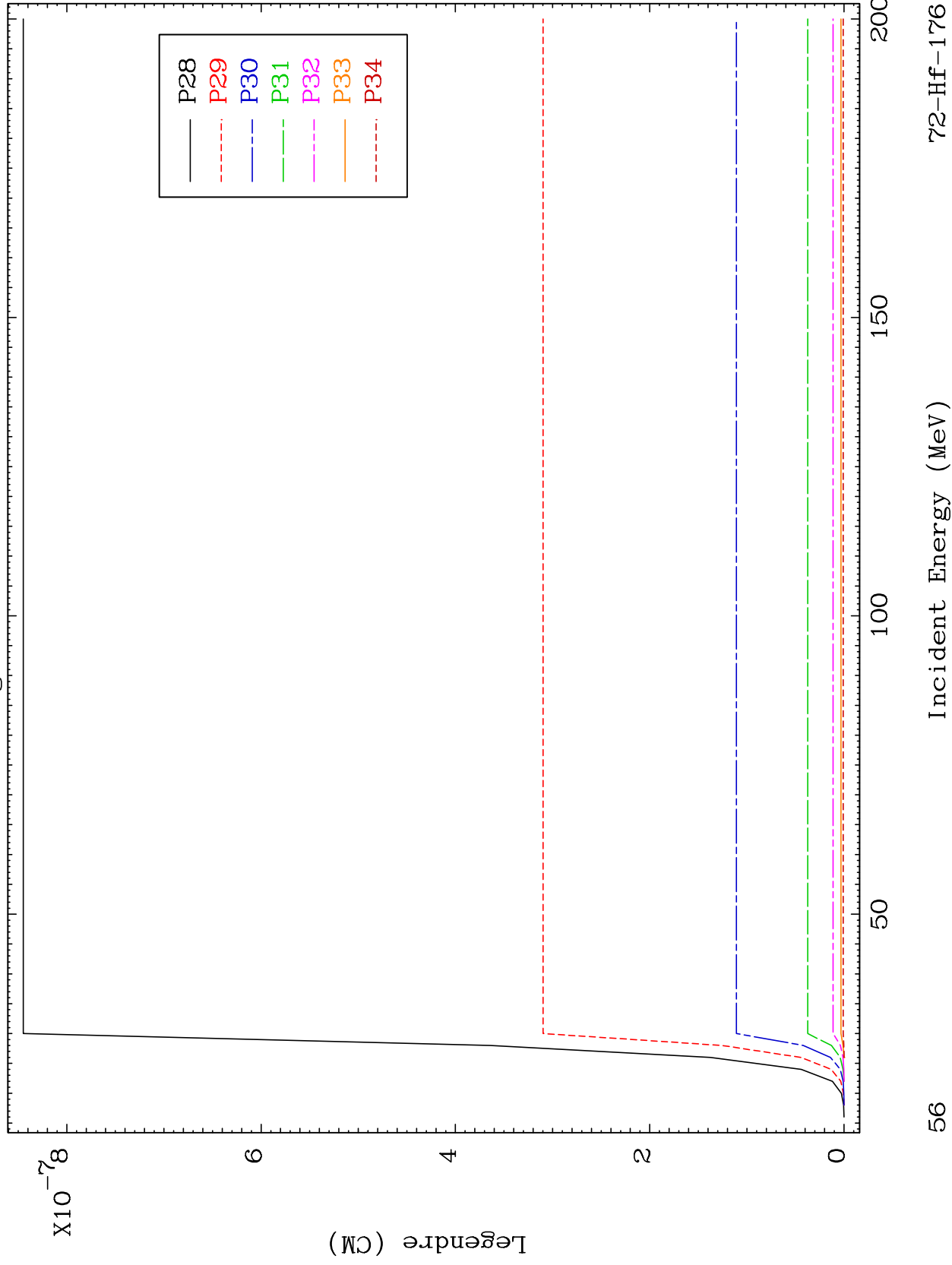
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



56

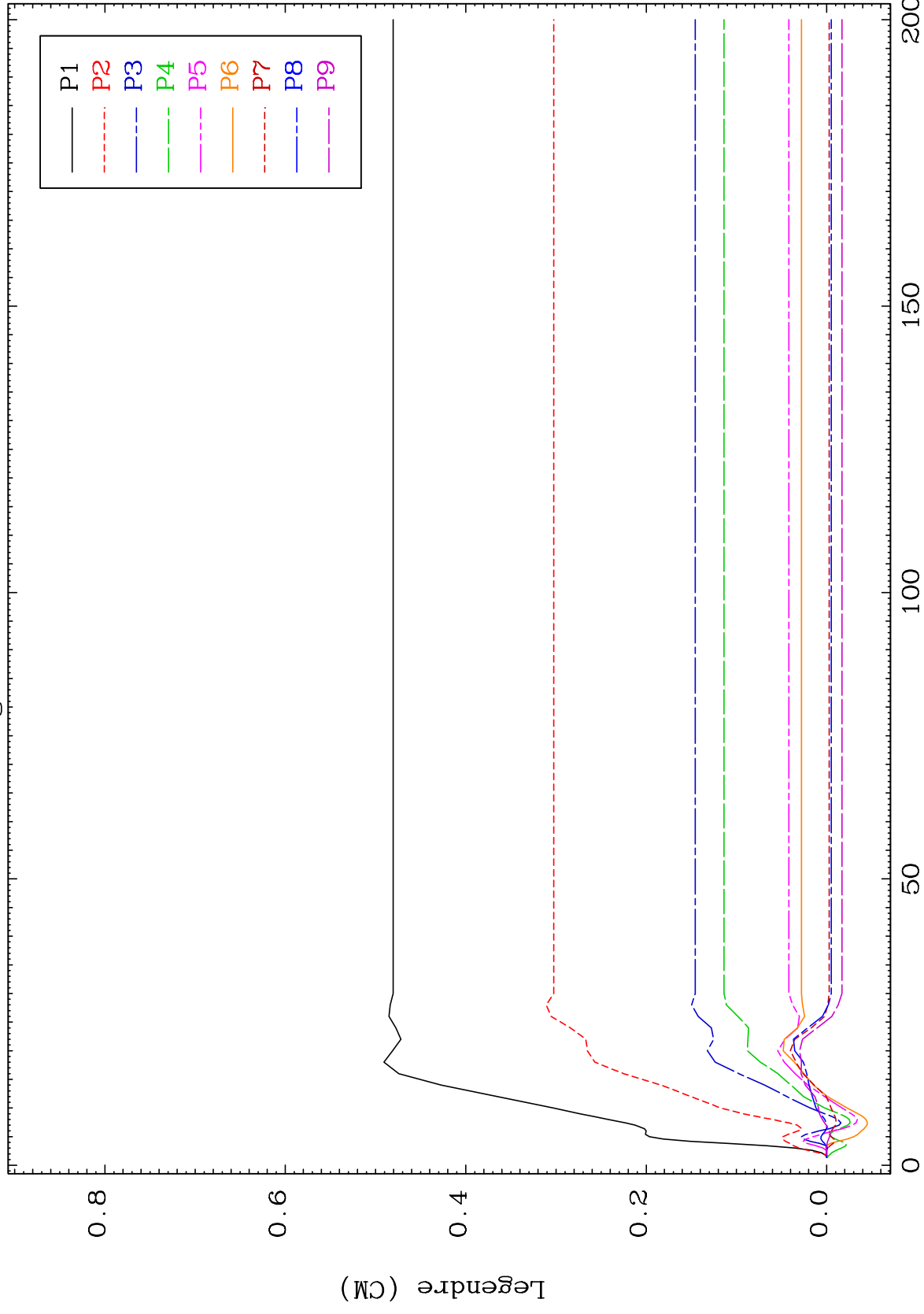
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

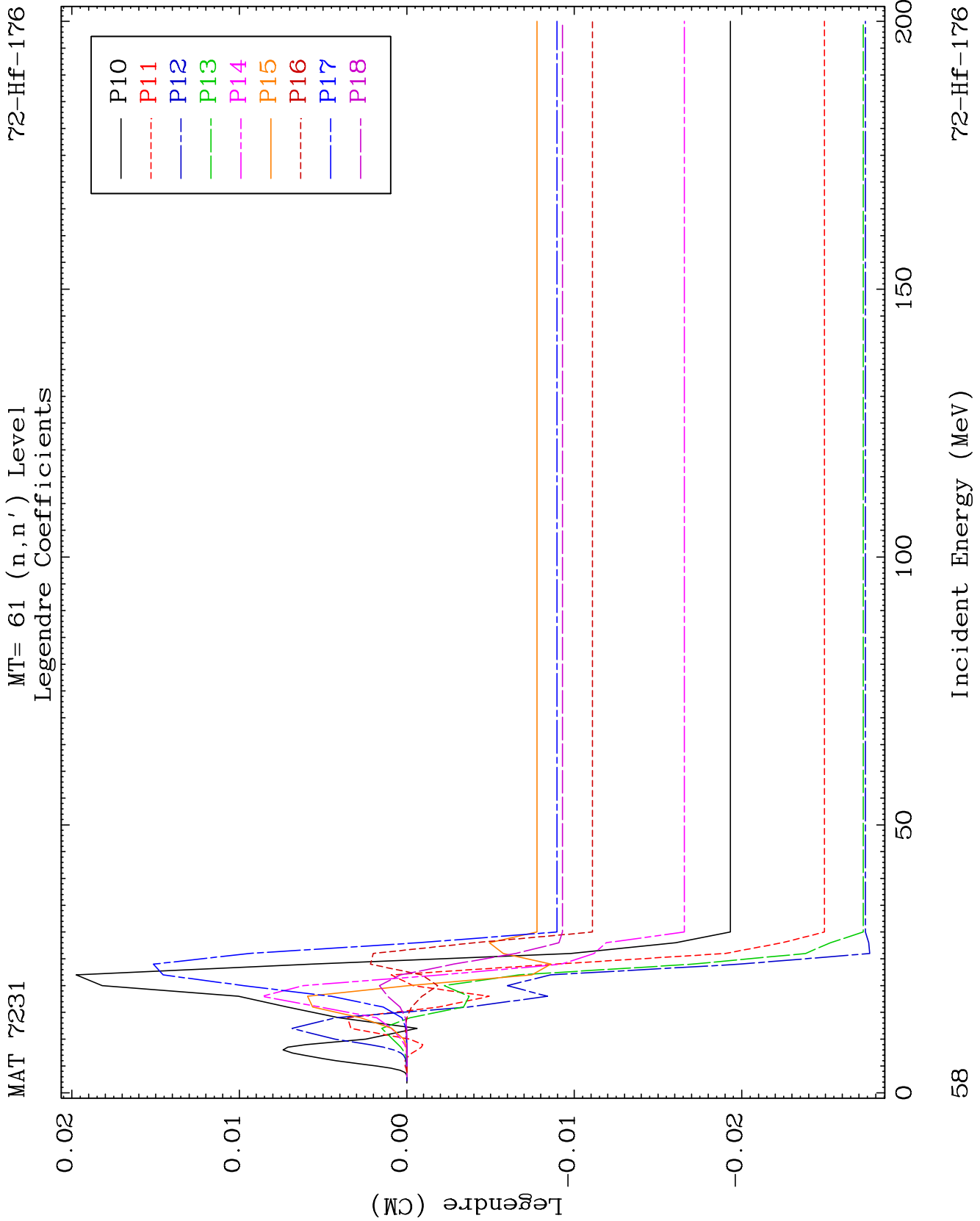
72-Hf-176



57

Incident Energy (MeV)

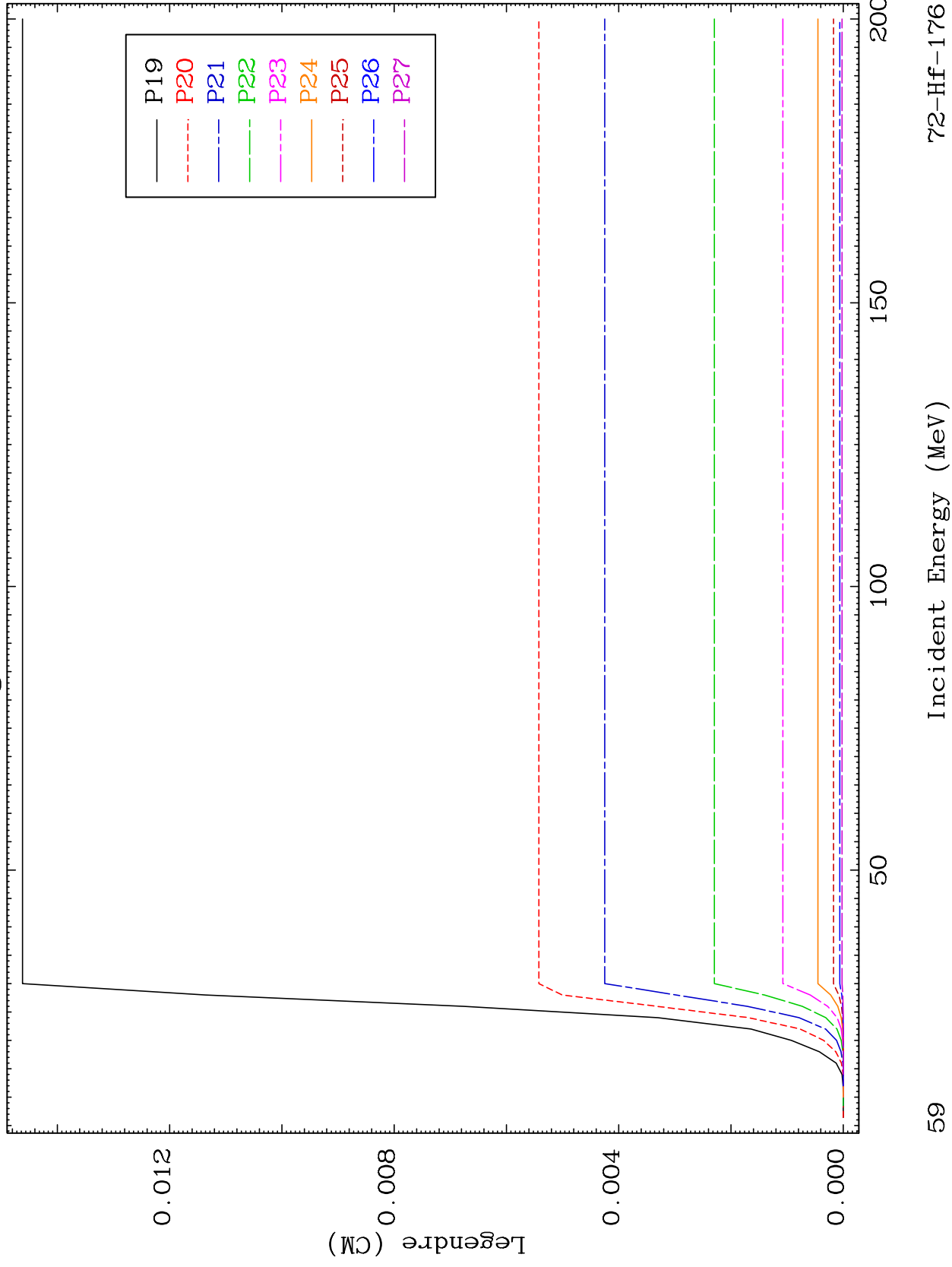
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

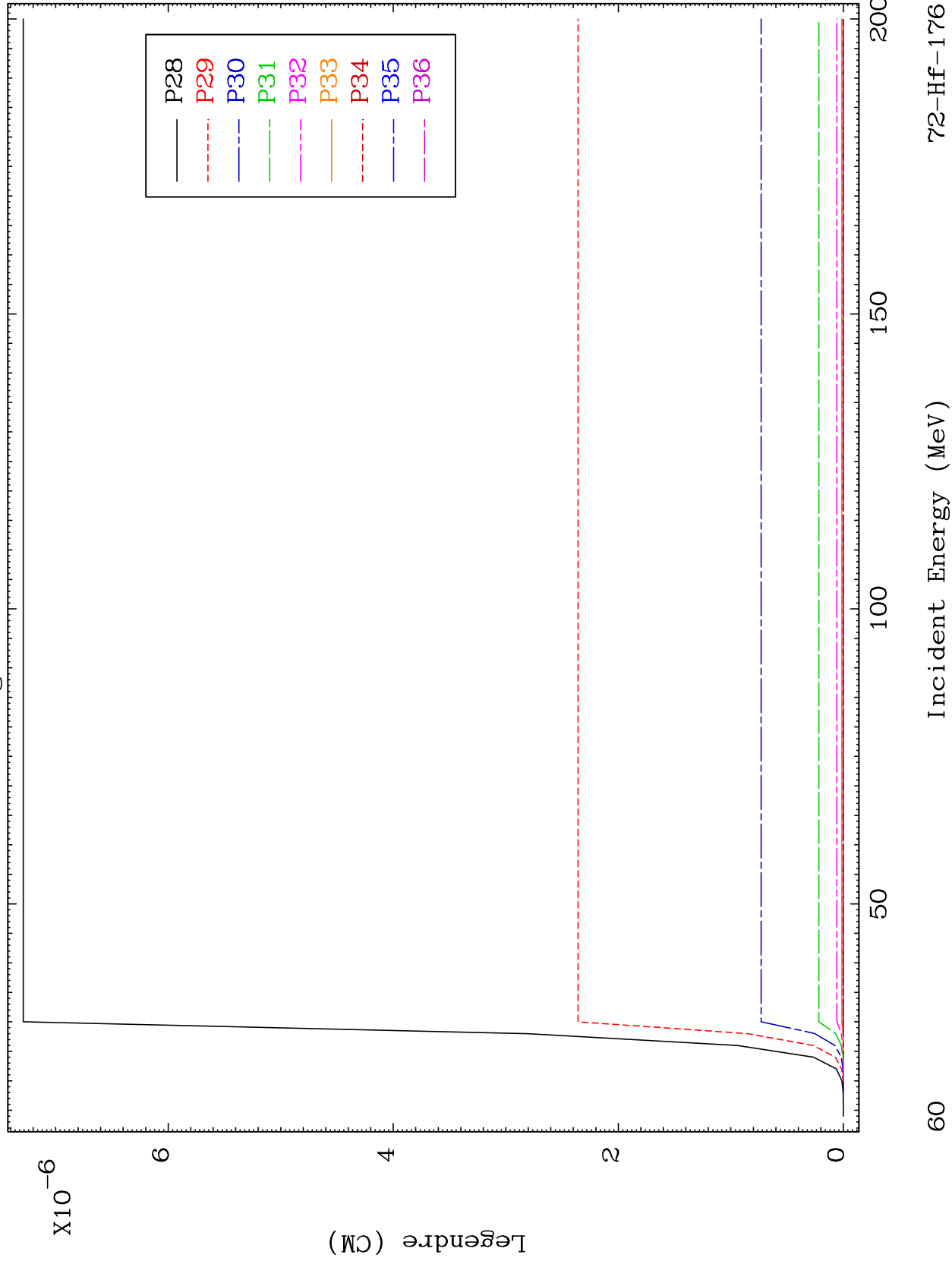
Incident Energy (MeV)

59

MAT 7231

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

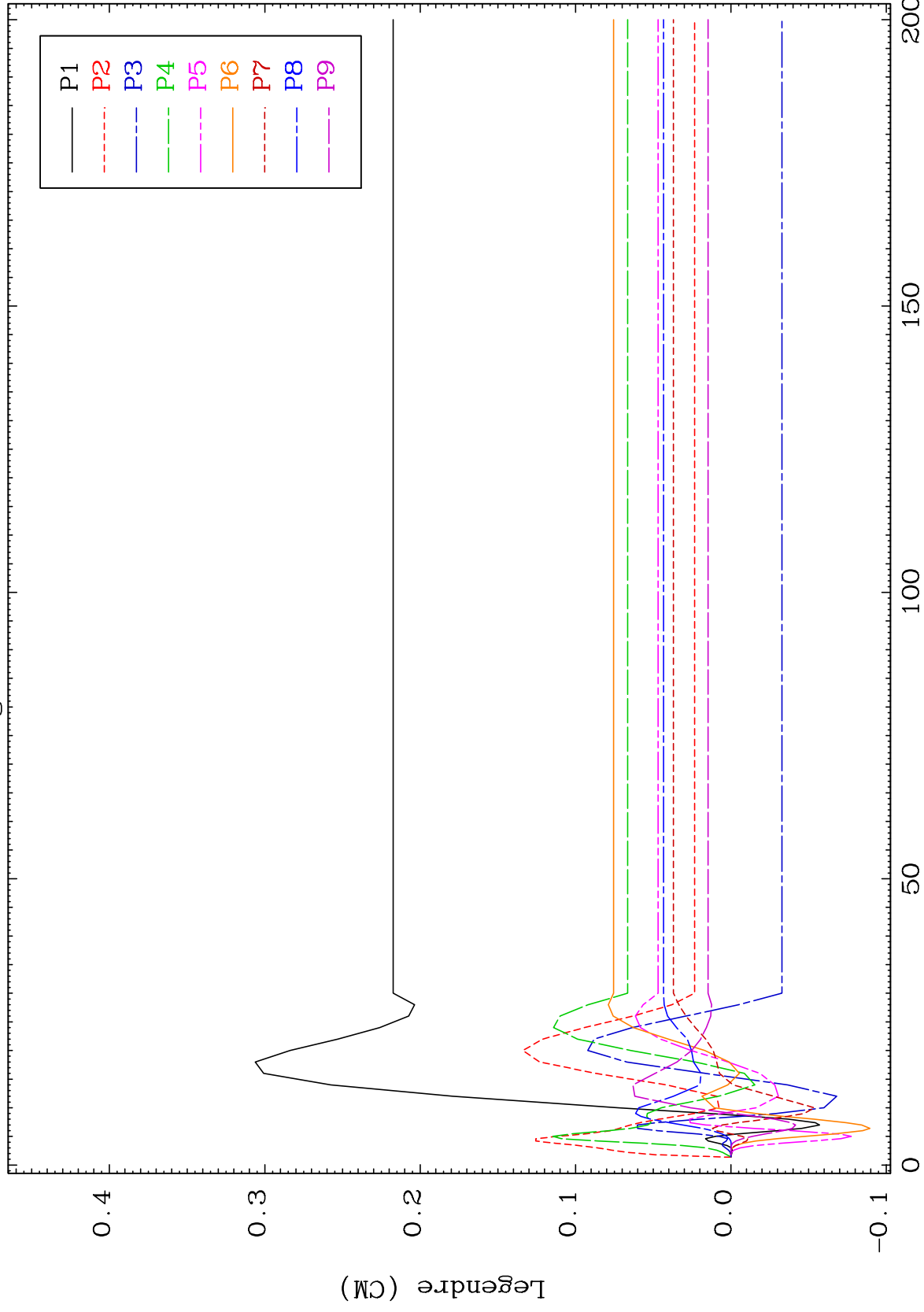
72-Hf-176



MAT 7231

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

72-Hf-176



61

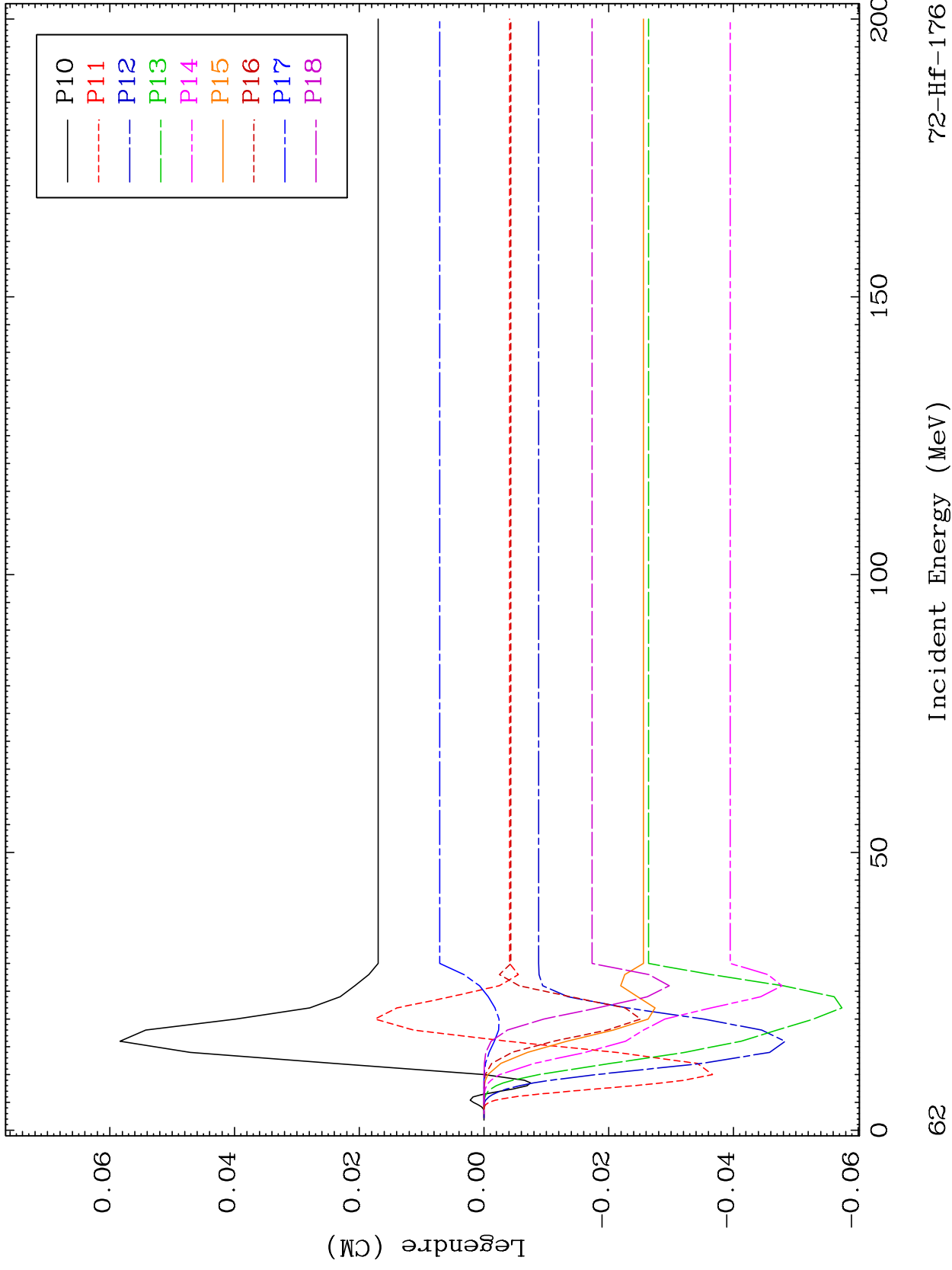
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



72-Hf-176

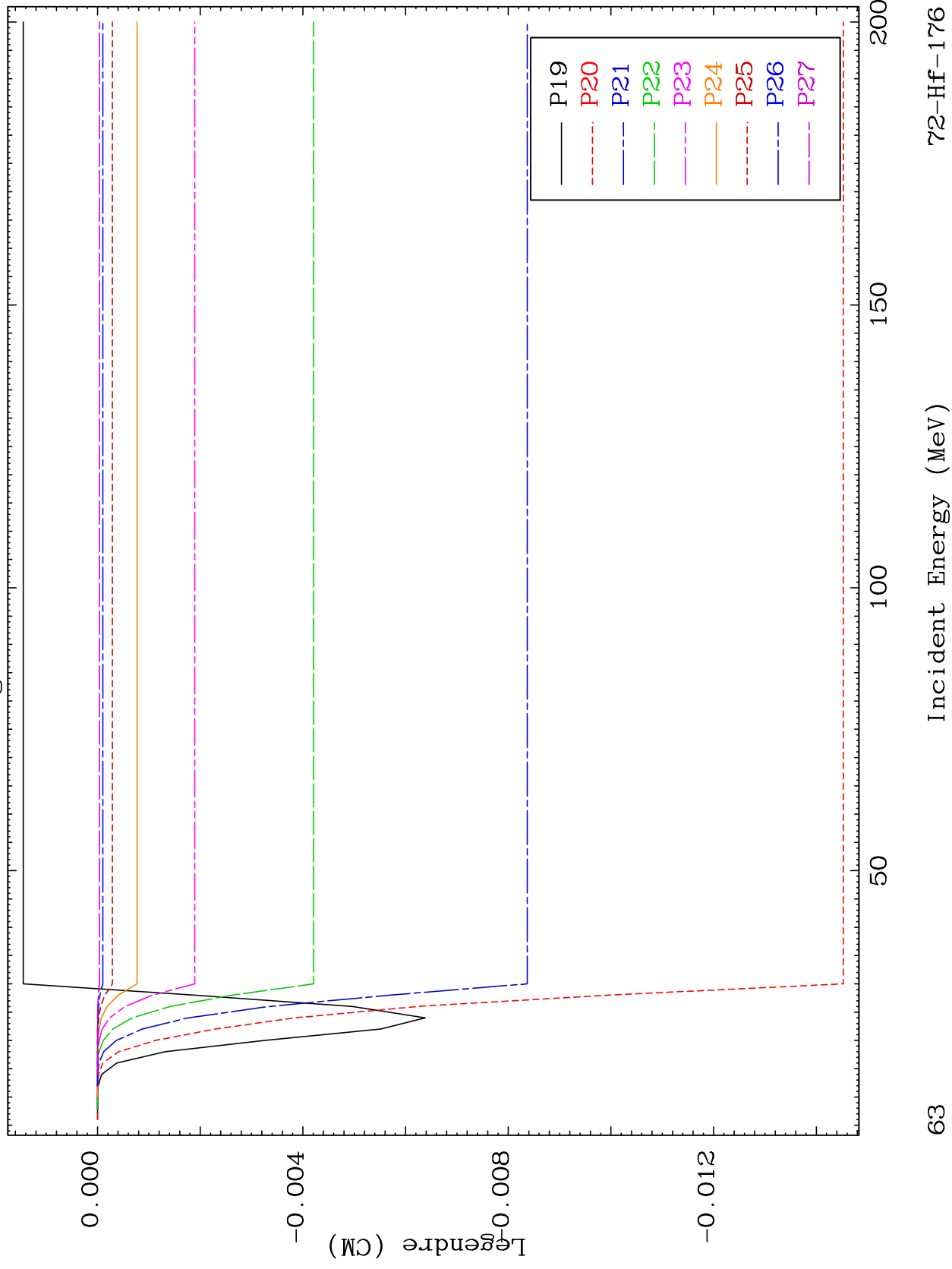
Incident Energy (MeV)

62

MAT 7231

72-Hf-176

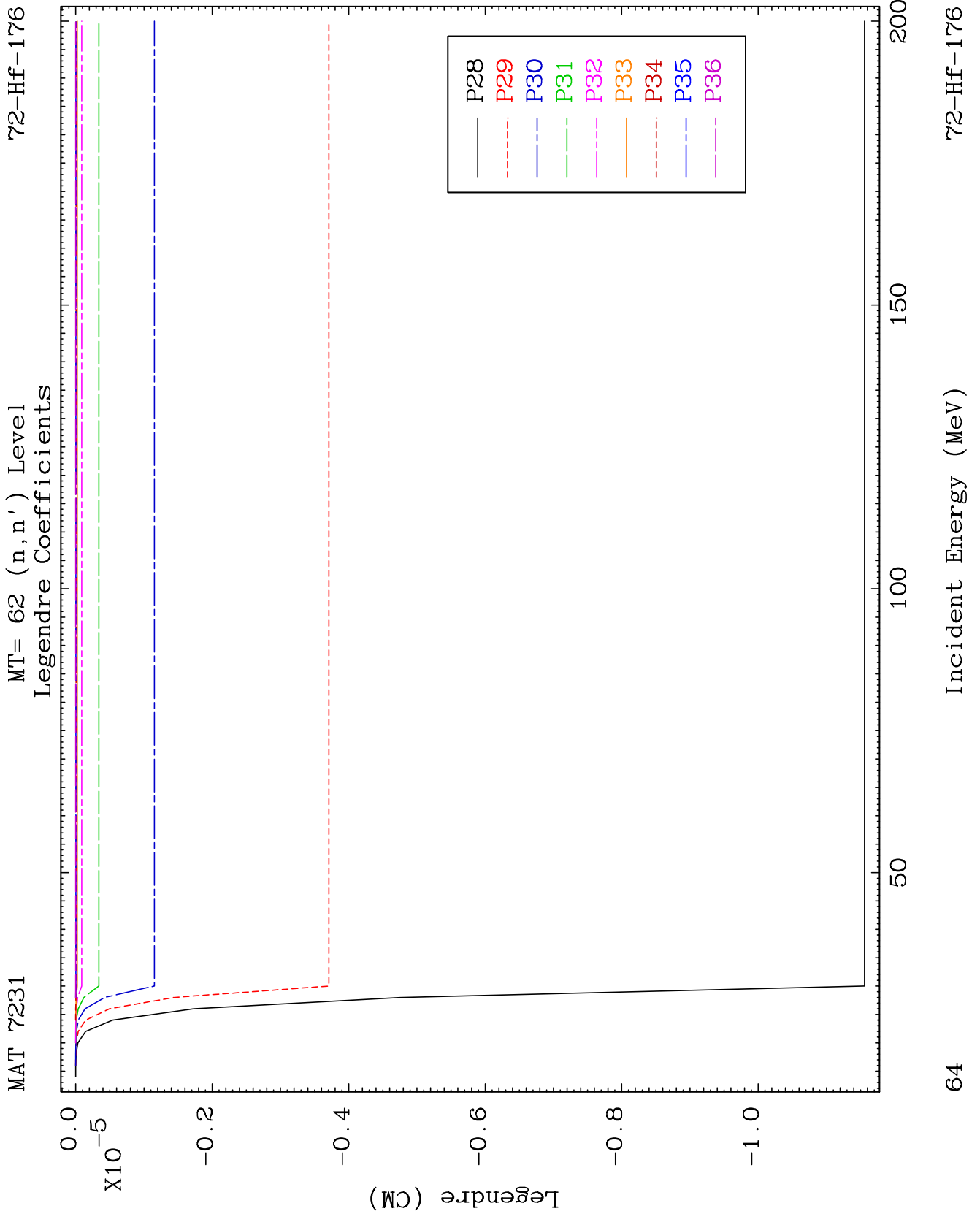
MT= 62 (n,n') Level
Legendre Coefficients



63

72-Hf-176

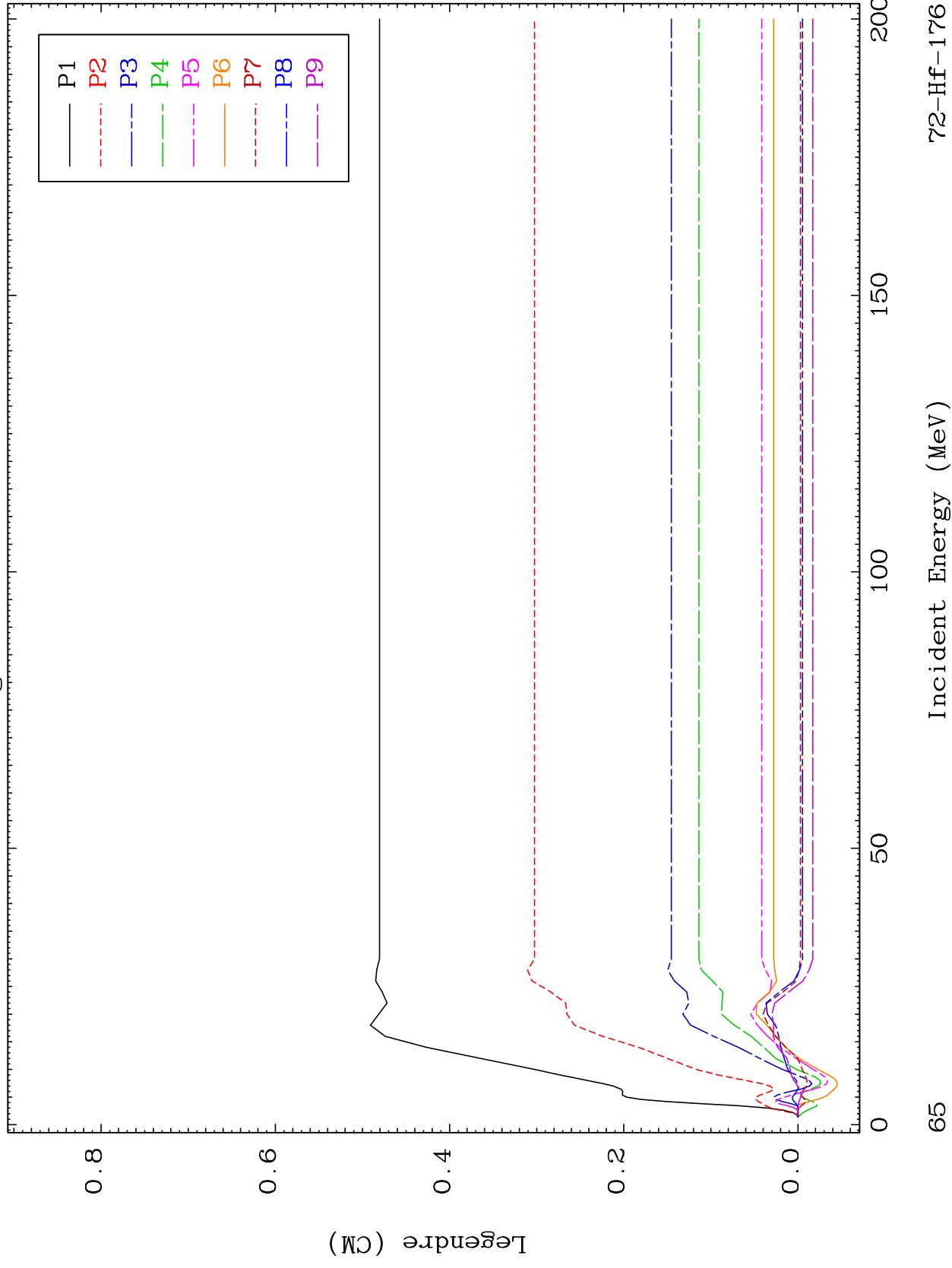
Incident Energy (MeV)



MAT 7231

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

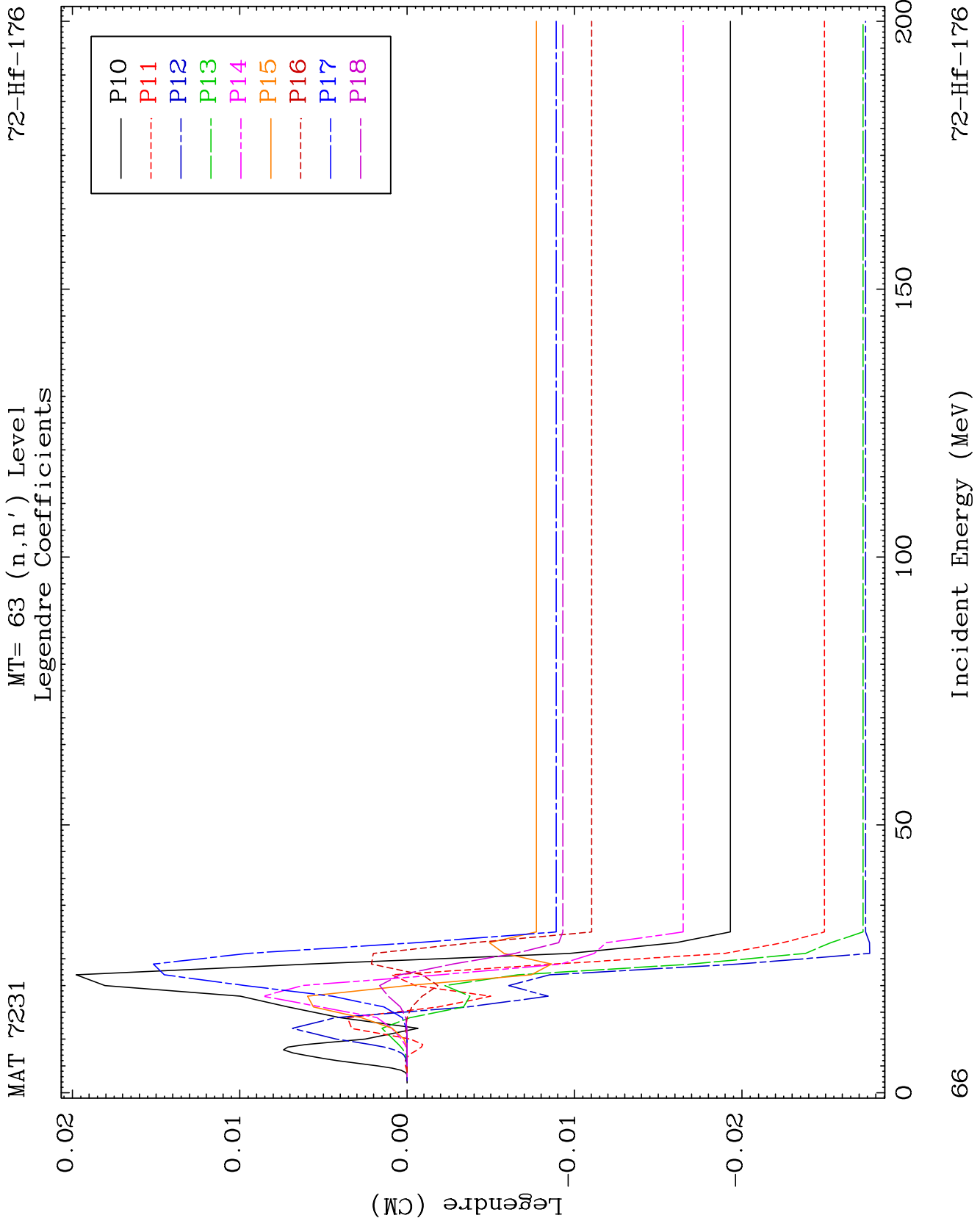
72-Hf-176



72-Hf-176

Incident Energy (MeV)

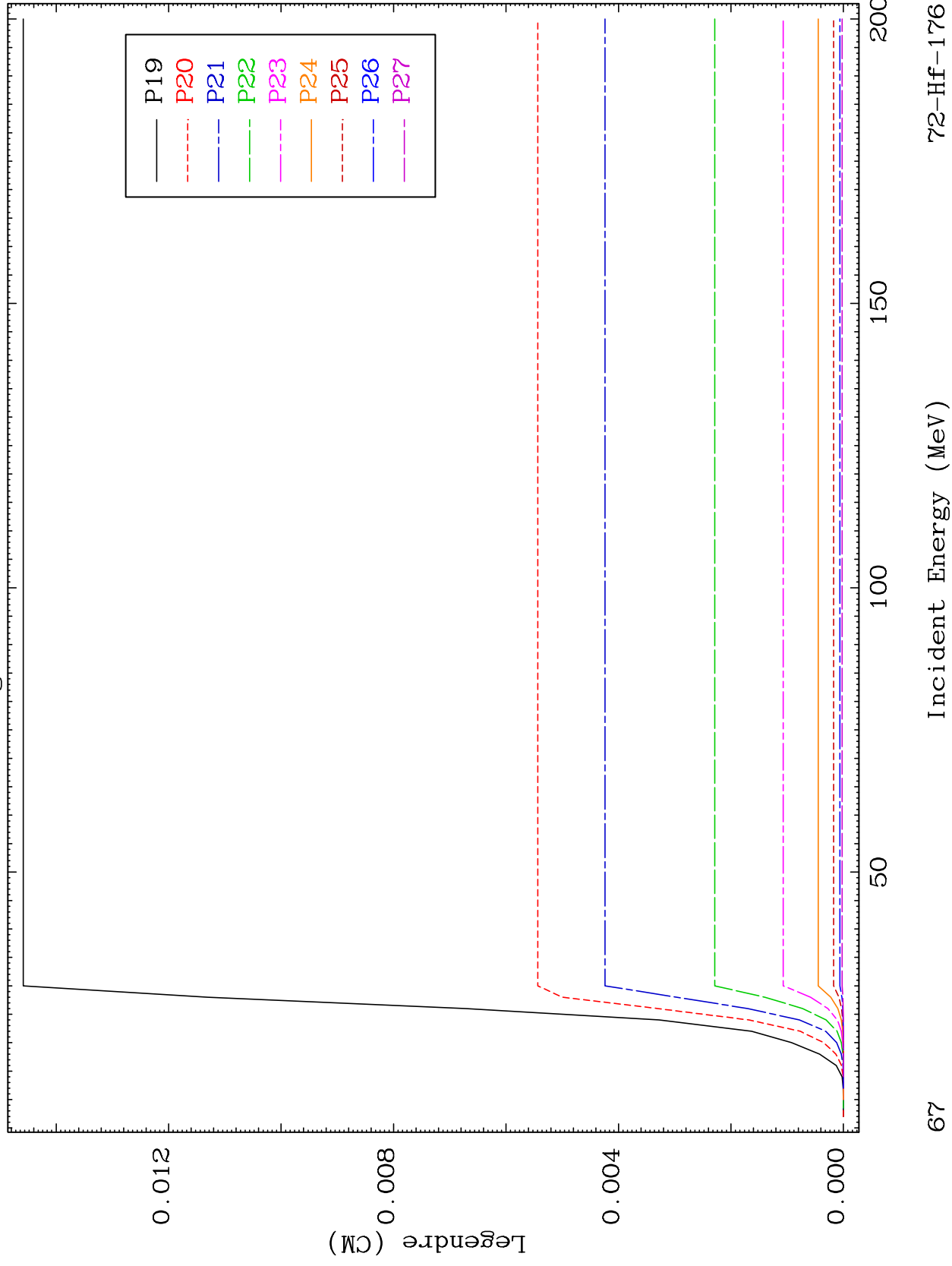
65



MAT 7231

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

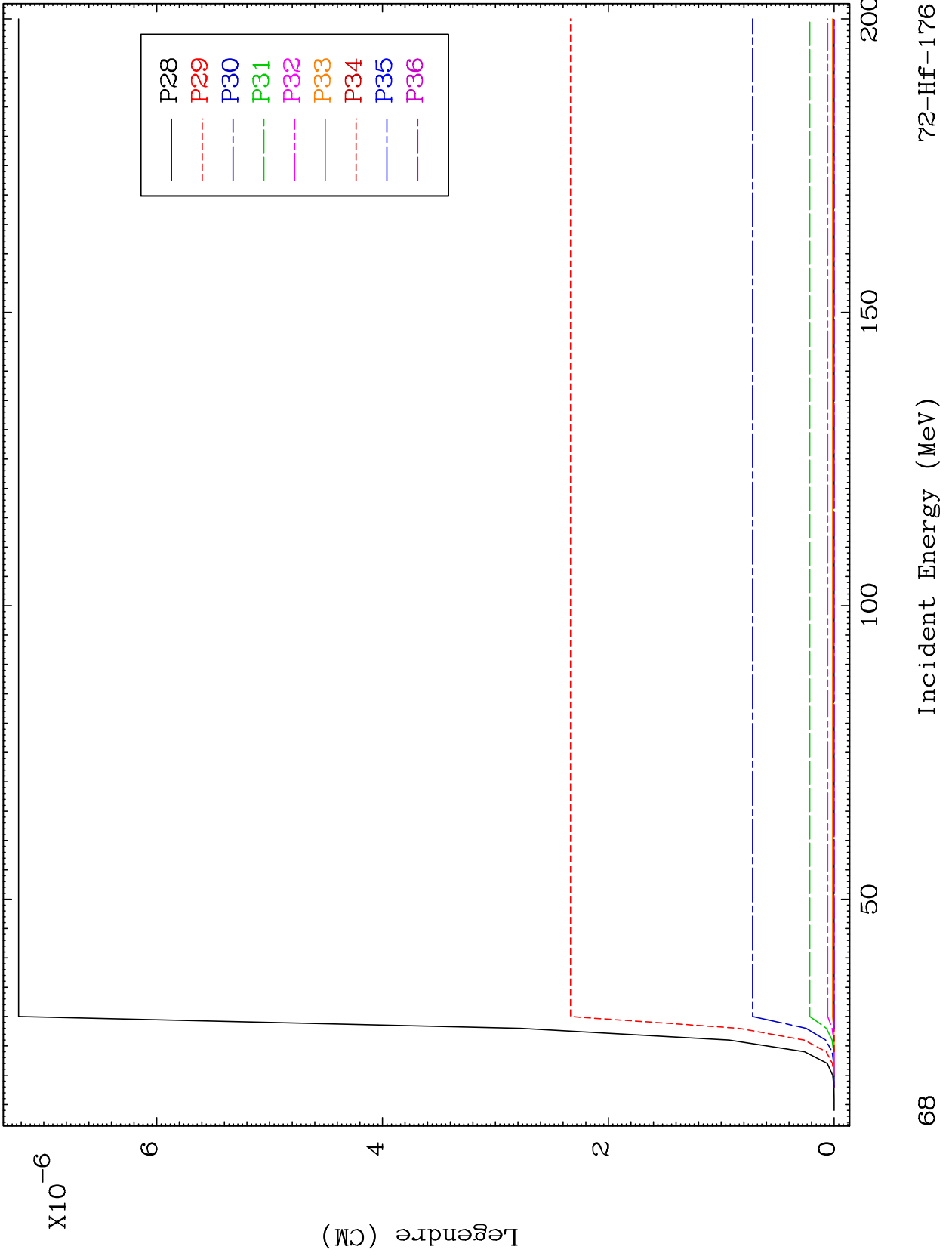
72-Hf-176



MAT 7231

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

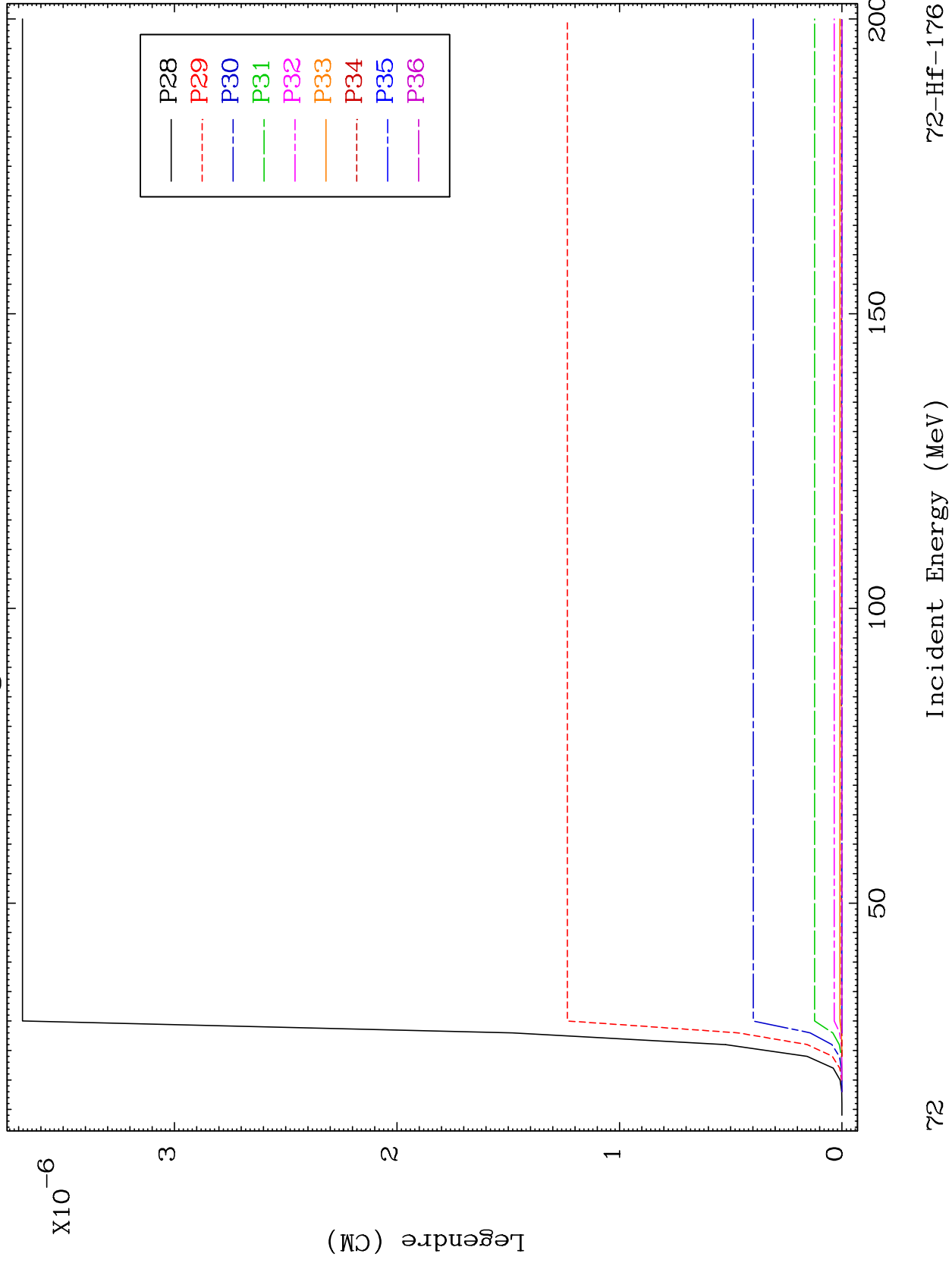
72-Hf-176



MAT 7231

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

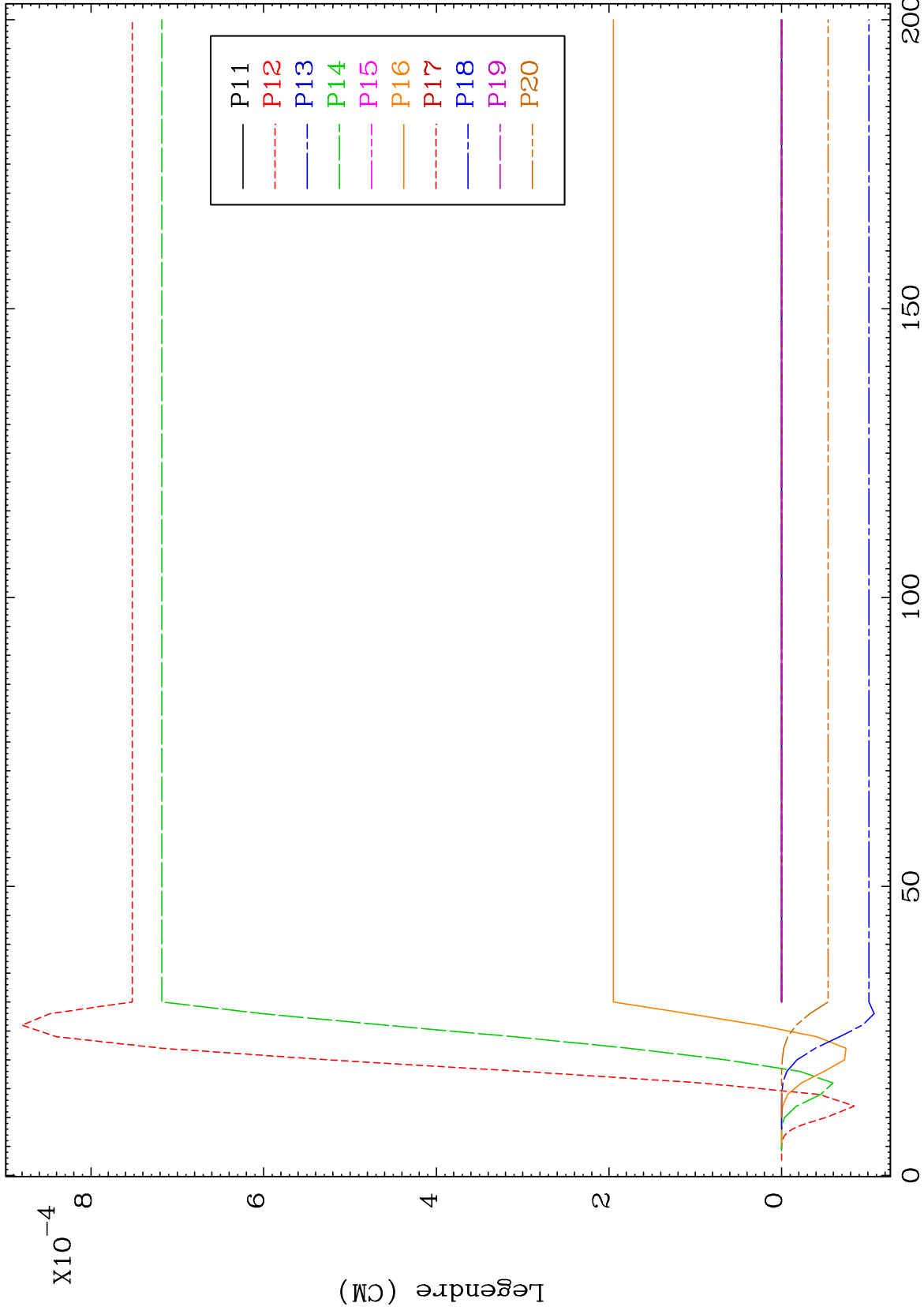
72-Hf-176



MAT 7231

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

72-Hf-176



74

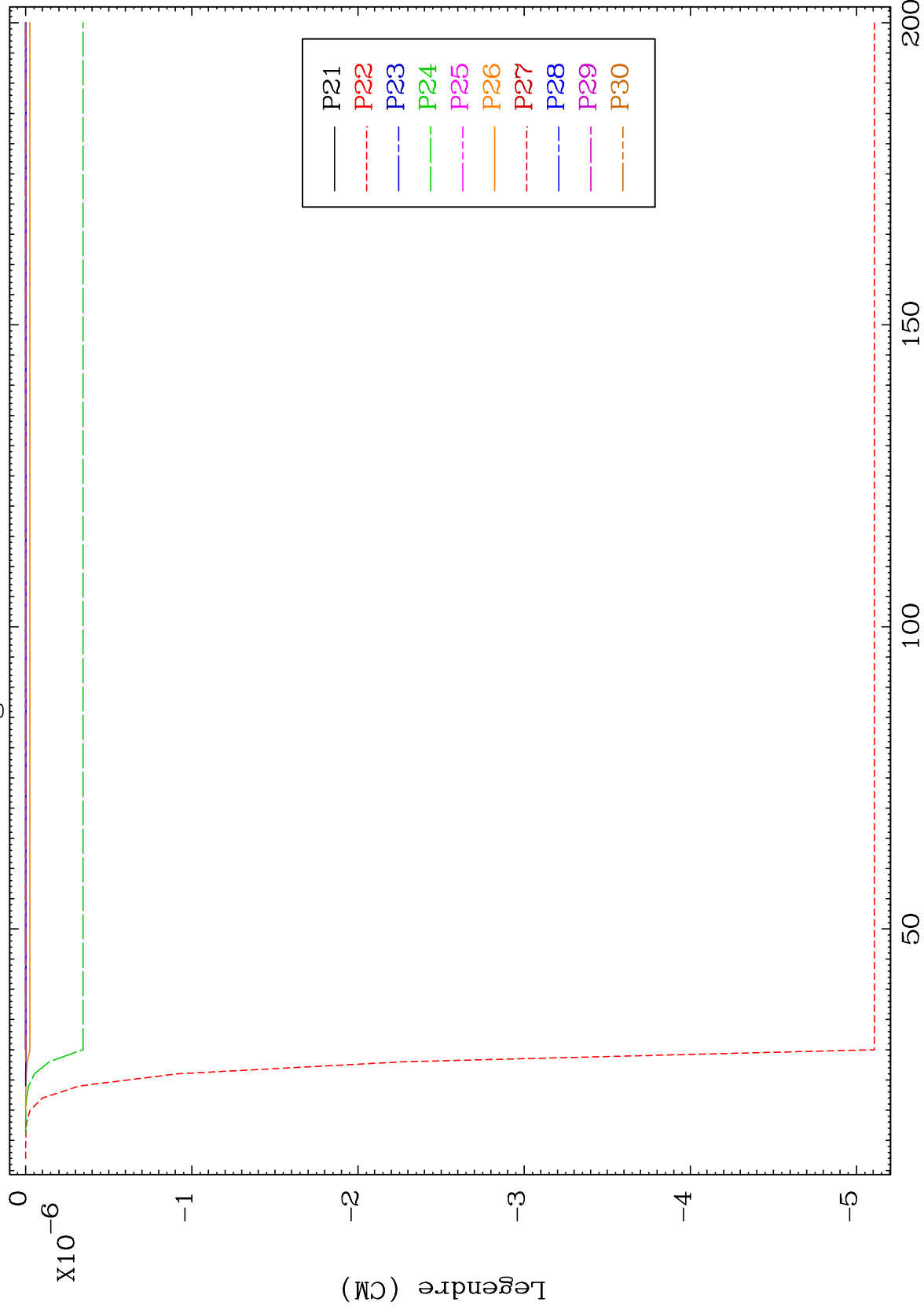
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

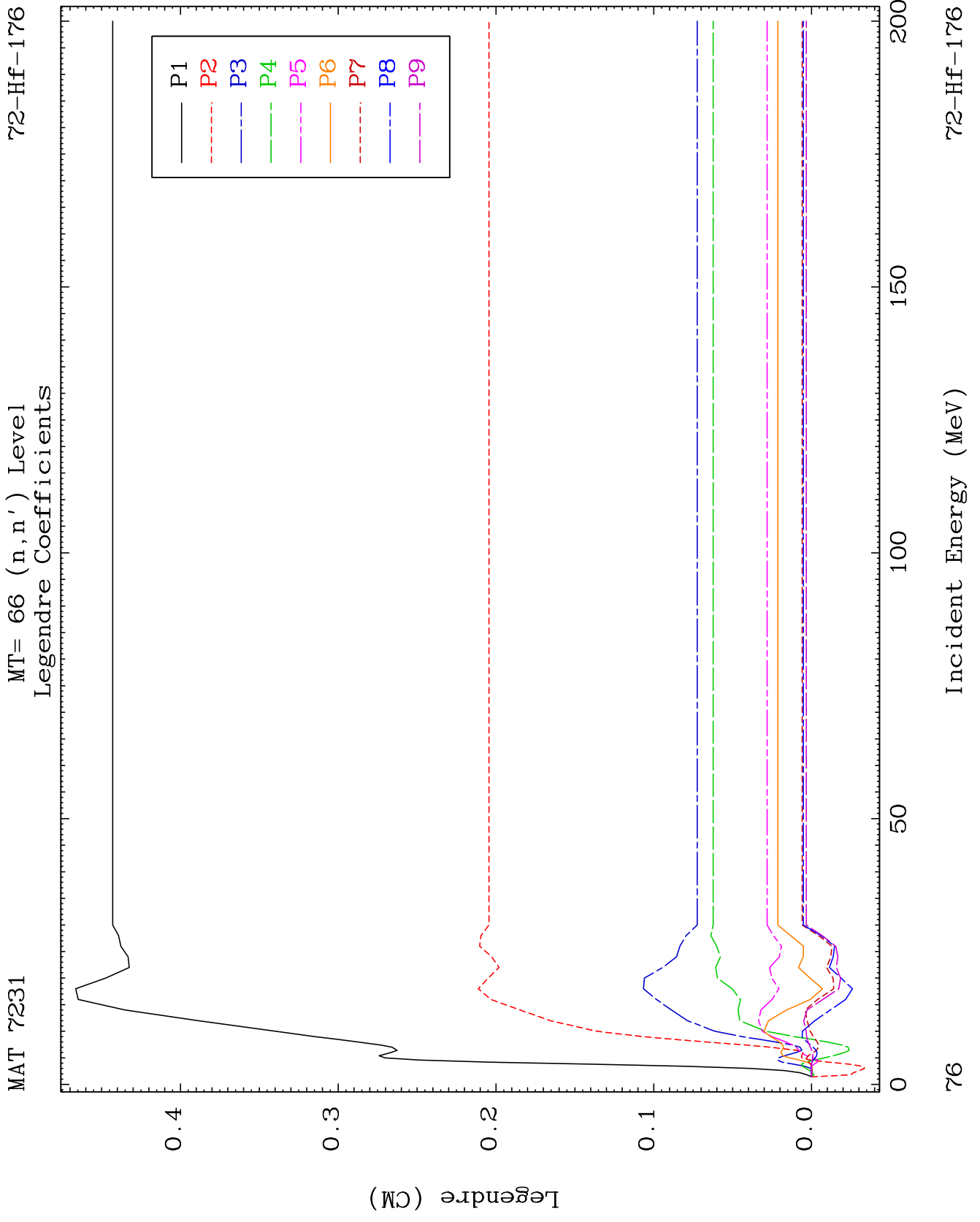
72-Hf-176



75

Incident Energy (MeV)

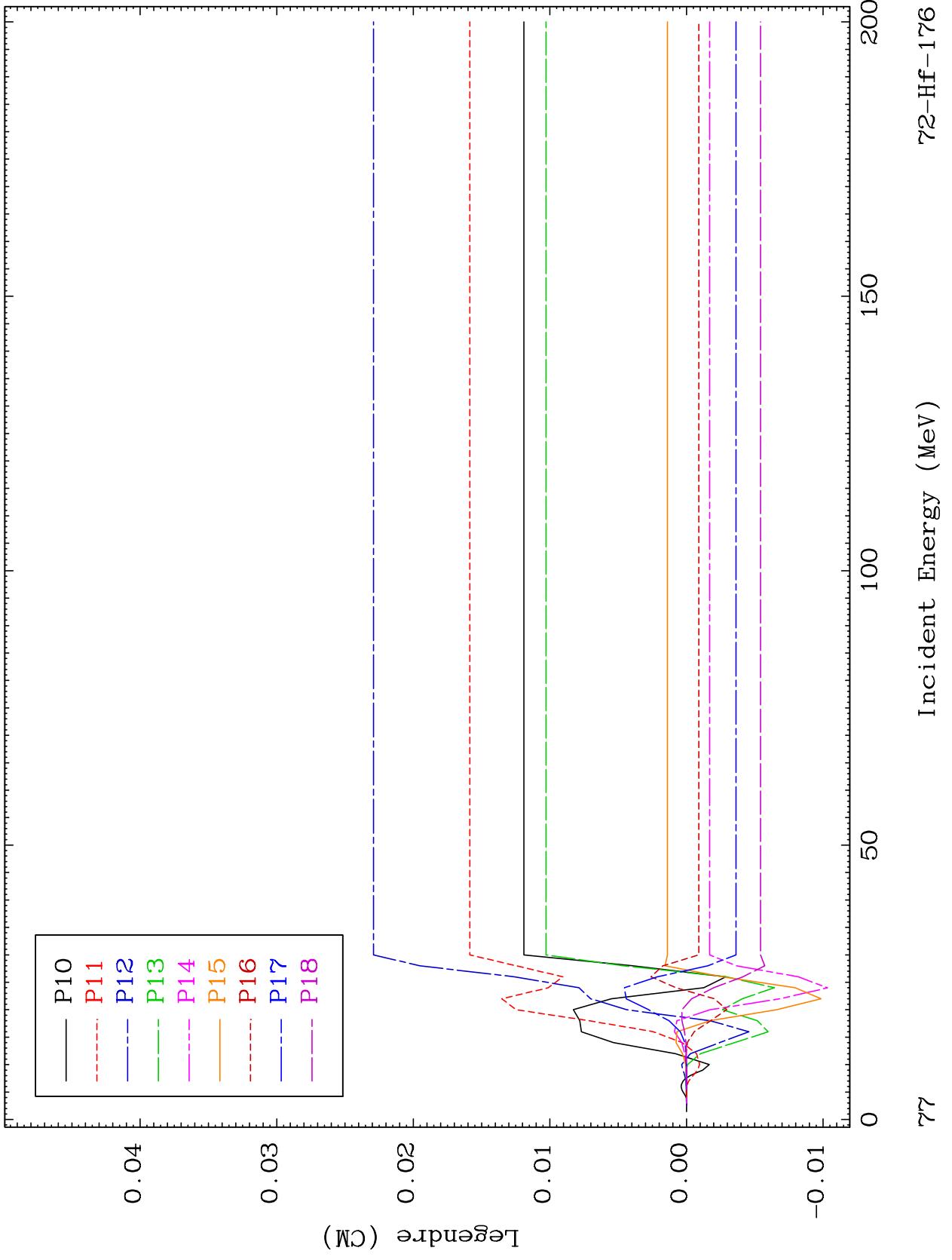
72-Hf-176



MAT 7231

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

72-Hf-176



77

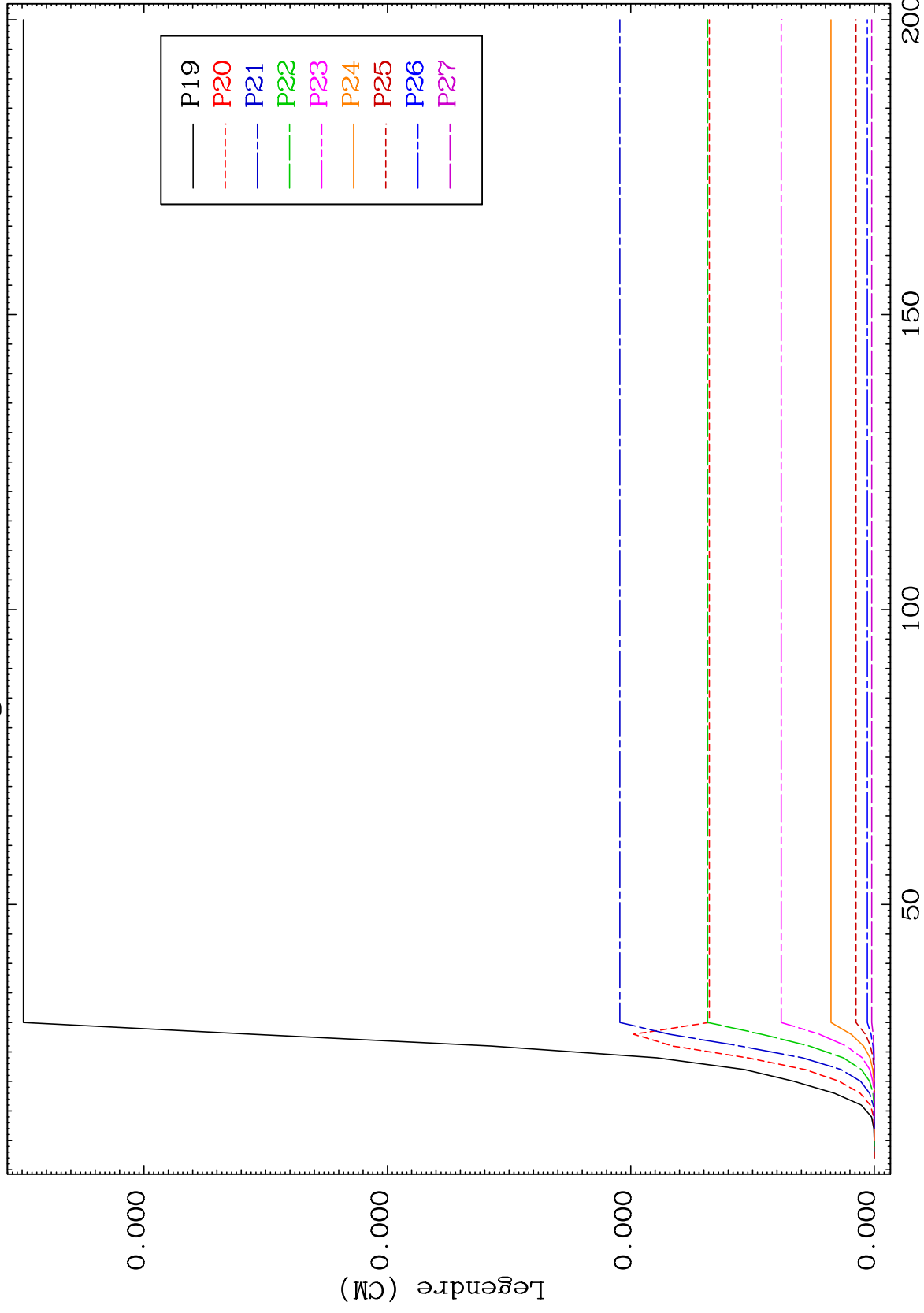
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



78

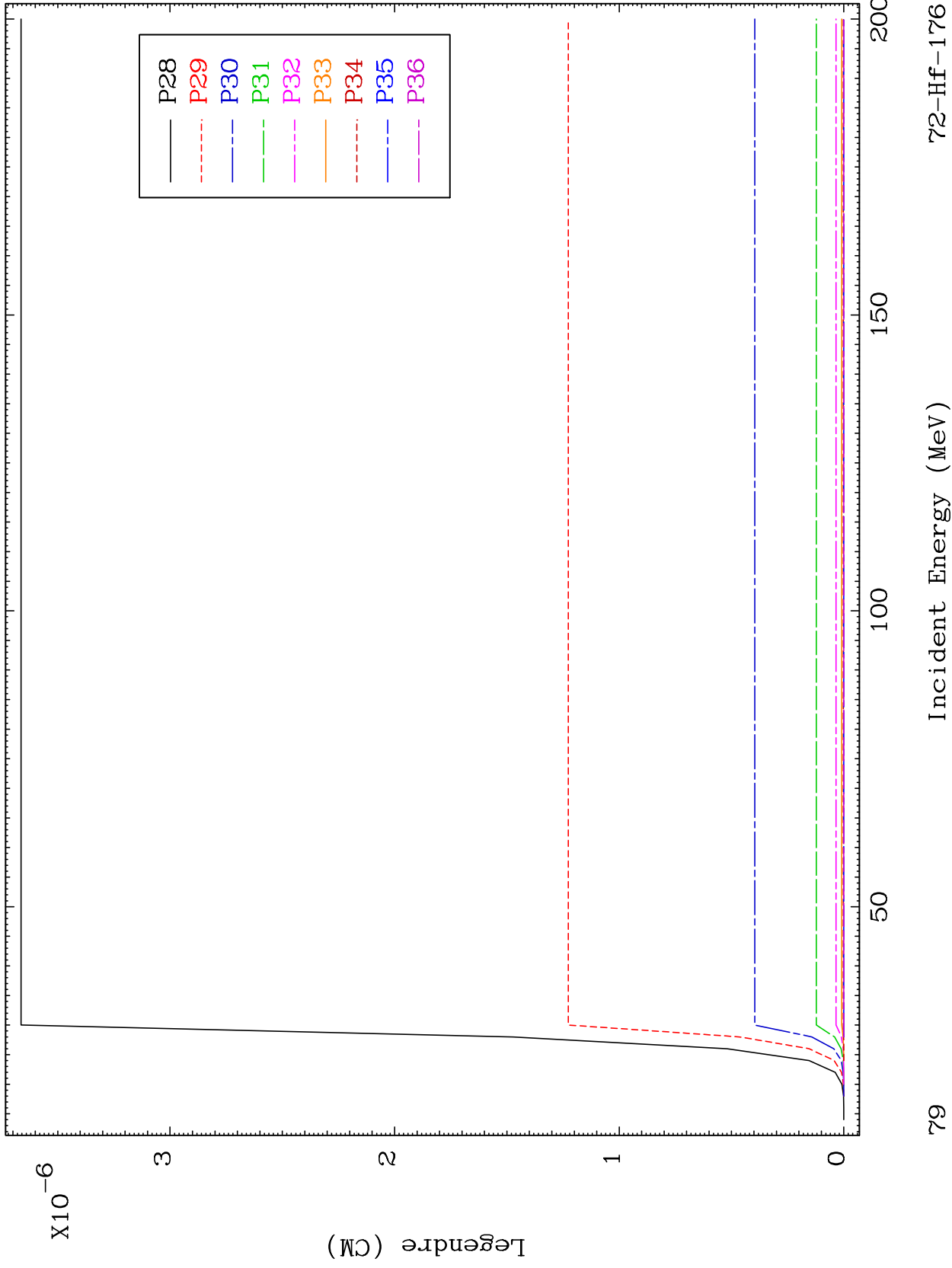
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



79

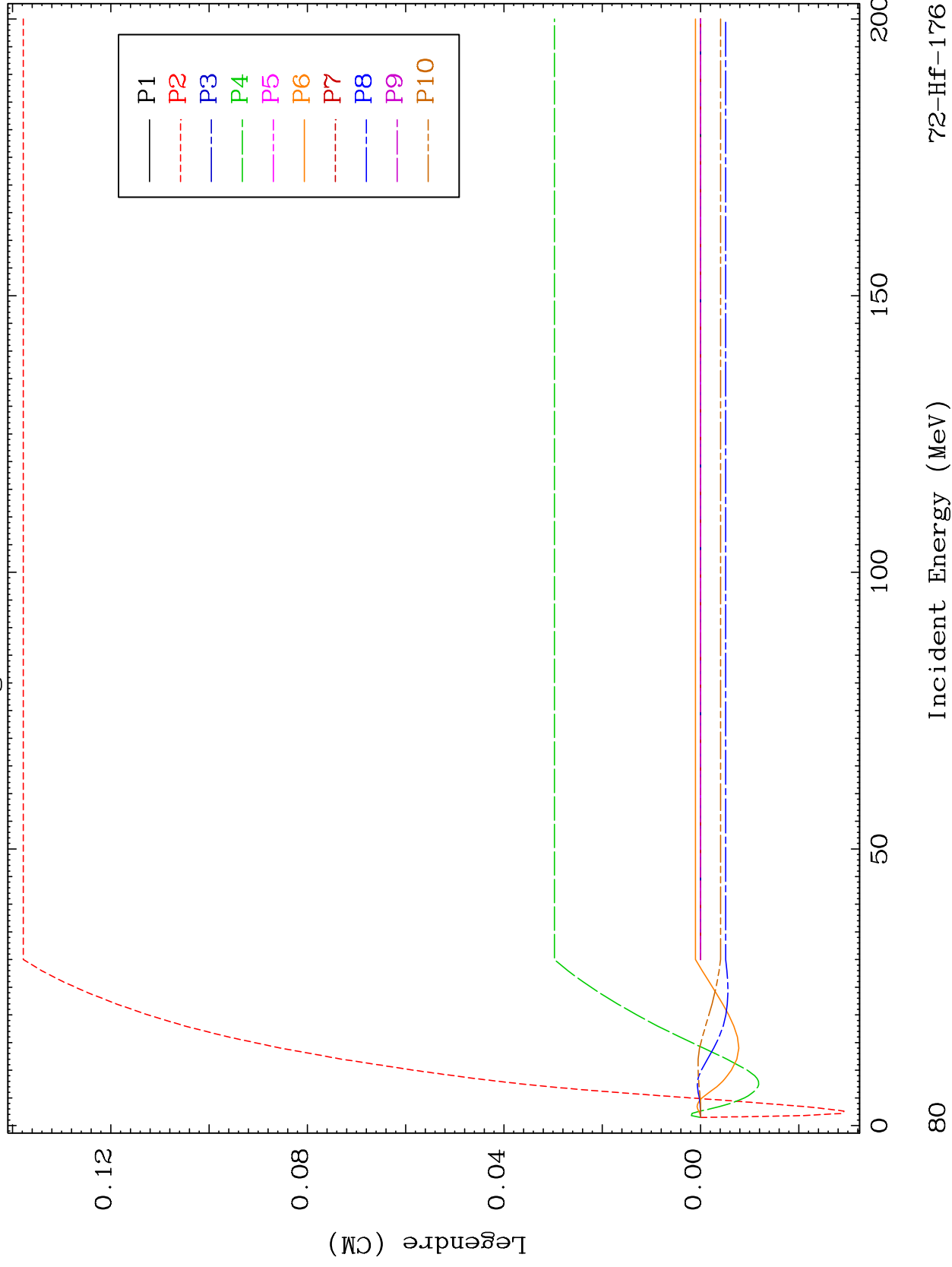
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



72-Hf-176

Incident Energy (MeV)

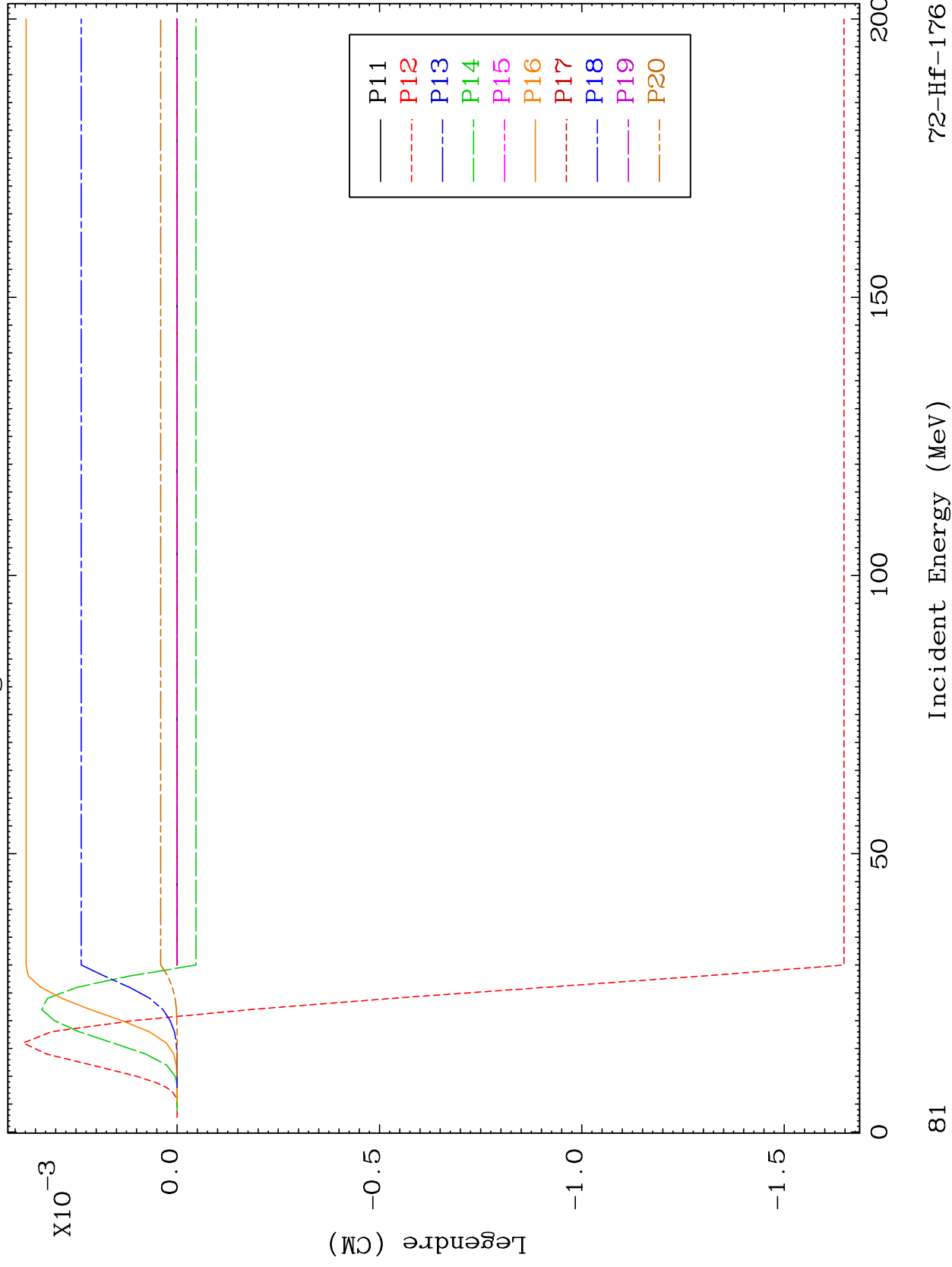
80

MAT 7231

MT= 67 (n,n') Level

72-Hf-176

Legendre Coefficients



81

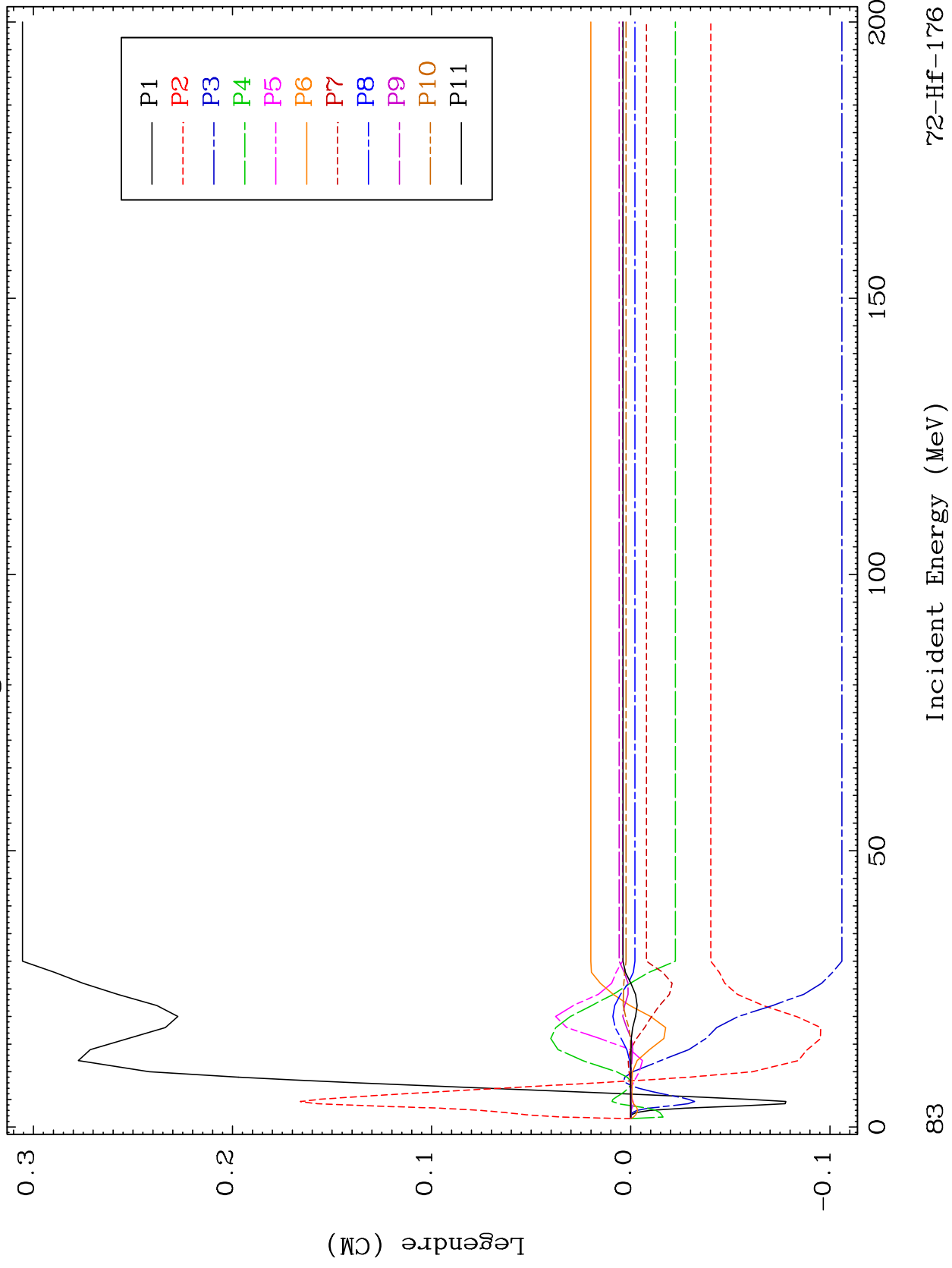
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

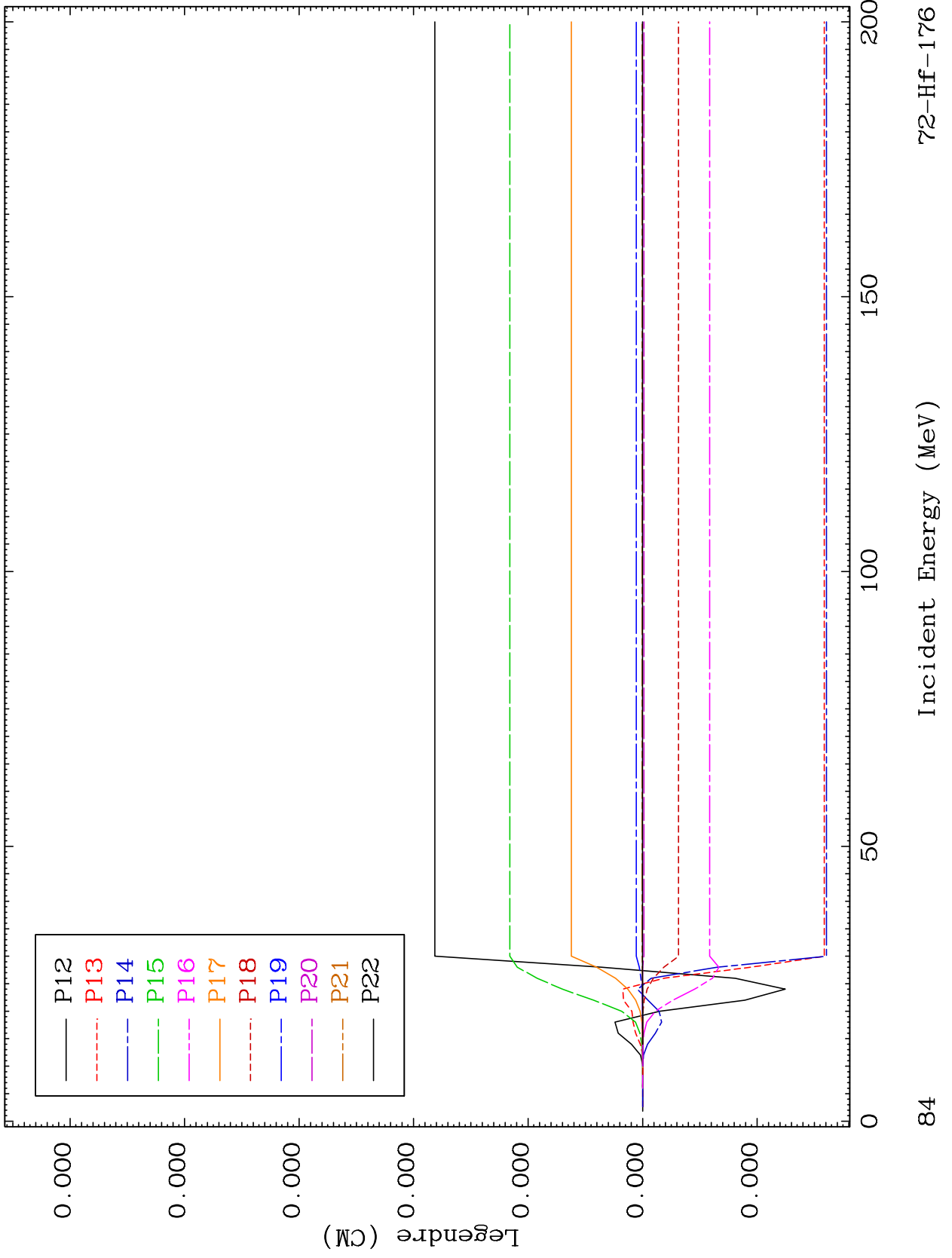
72-Hf-176



72-Hf-176

Incident Energy (MeV)

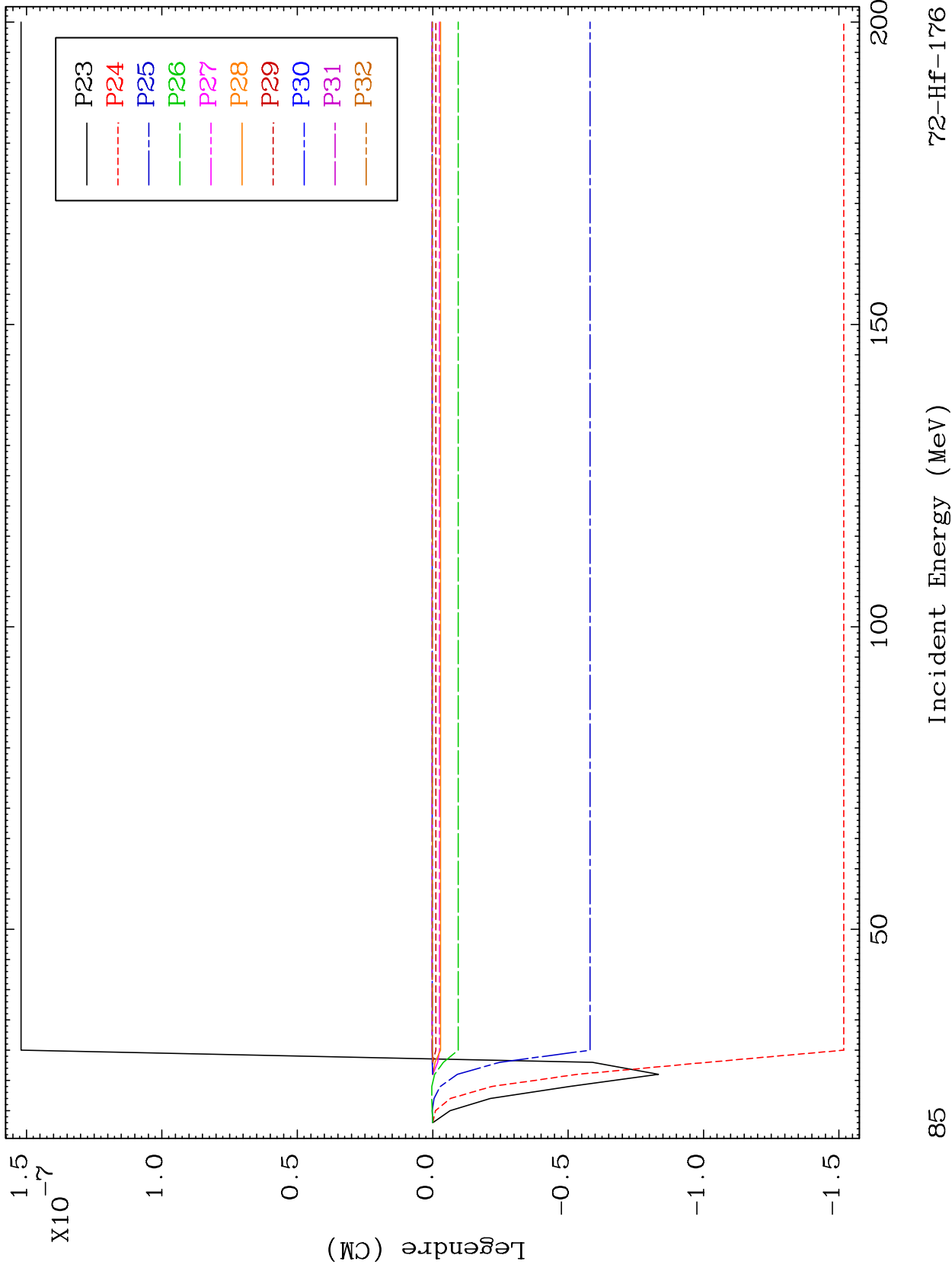
83



MAT 7231

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

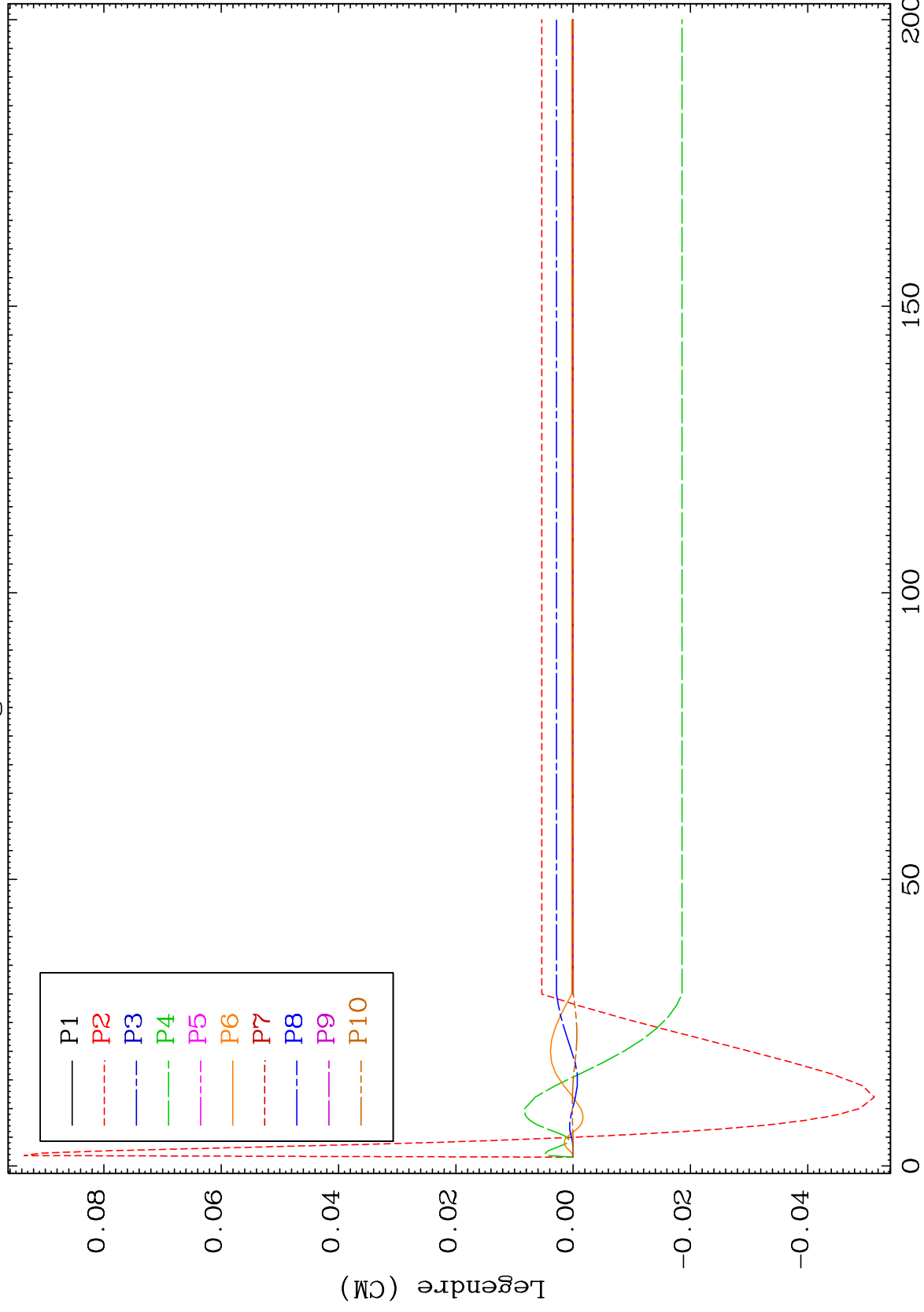
72-Hf-176



MAT 7231

MT= 69 (n,n') Level
Legendre Coefficients

72-Hf-176



86

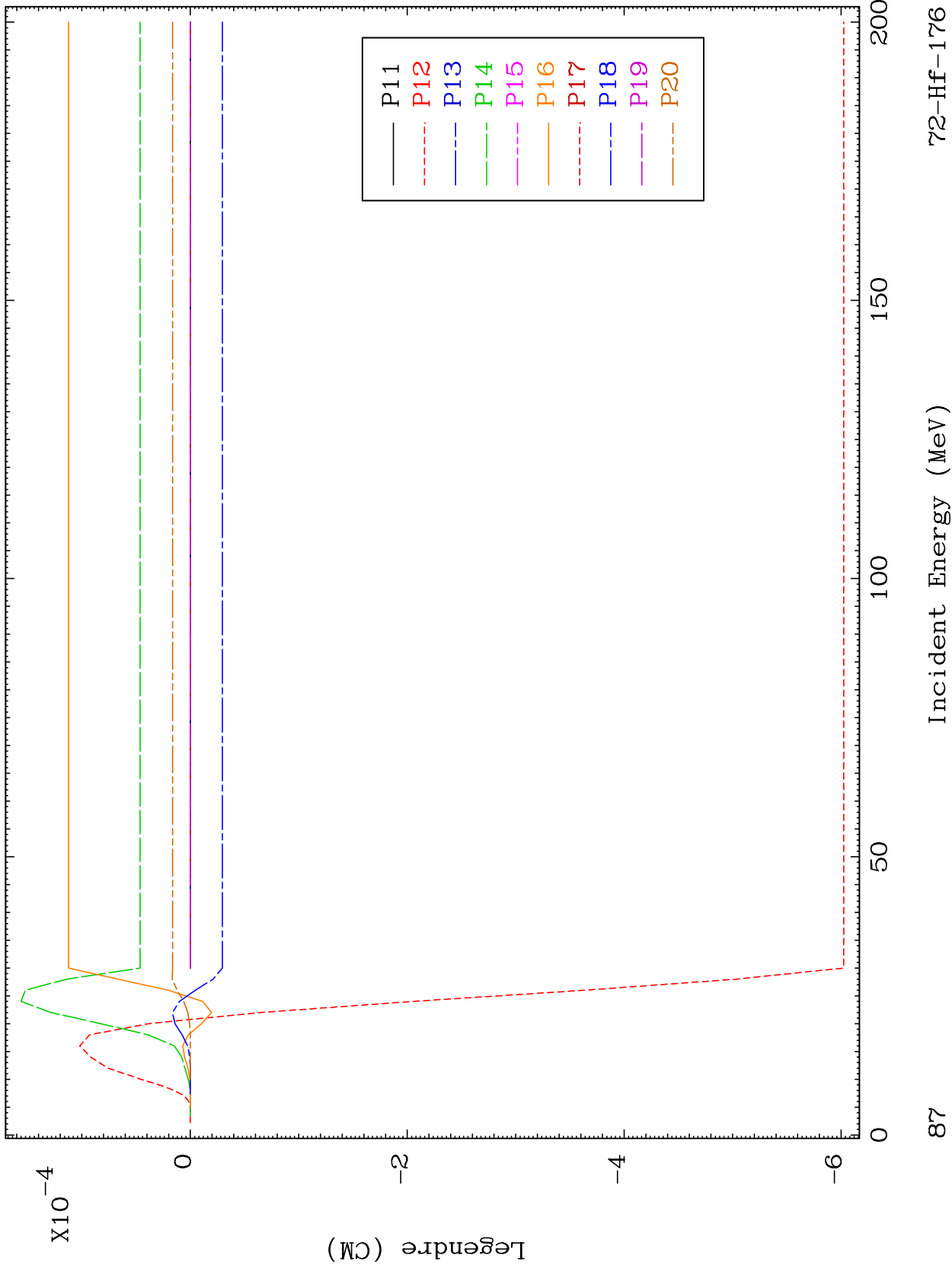
Incident Energy (MeV)

72-Hf-176

MAT 7231

MT= 69 (n,n') Level
Legendre Coefficients

72-Hf-176



87

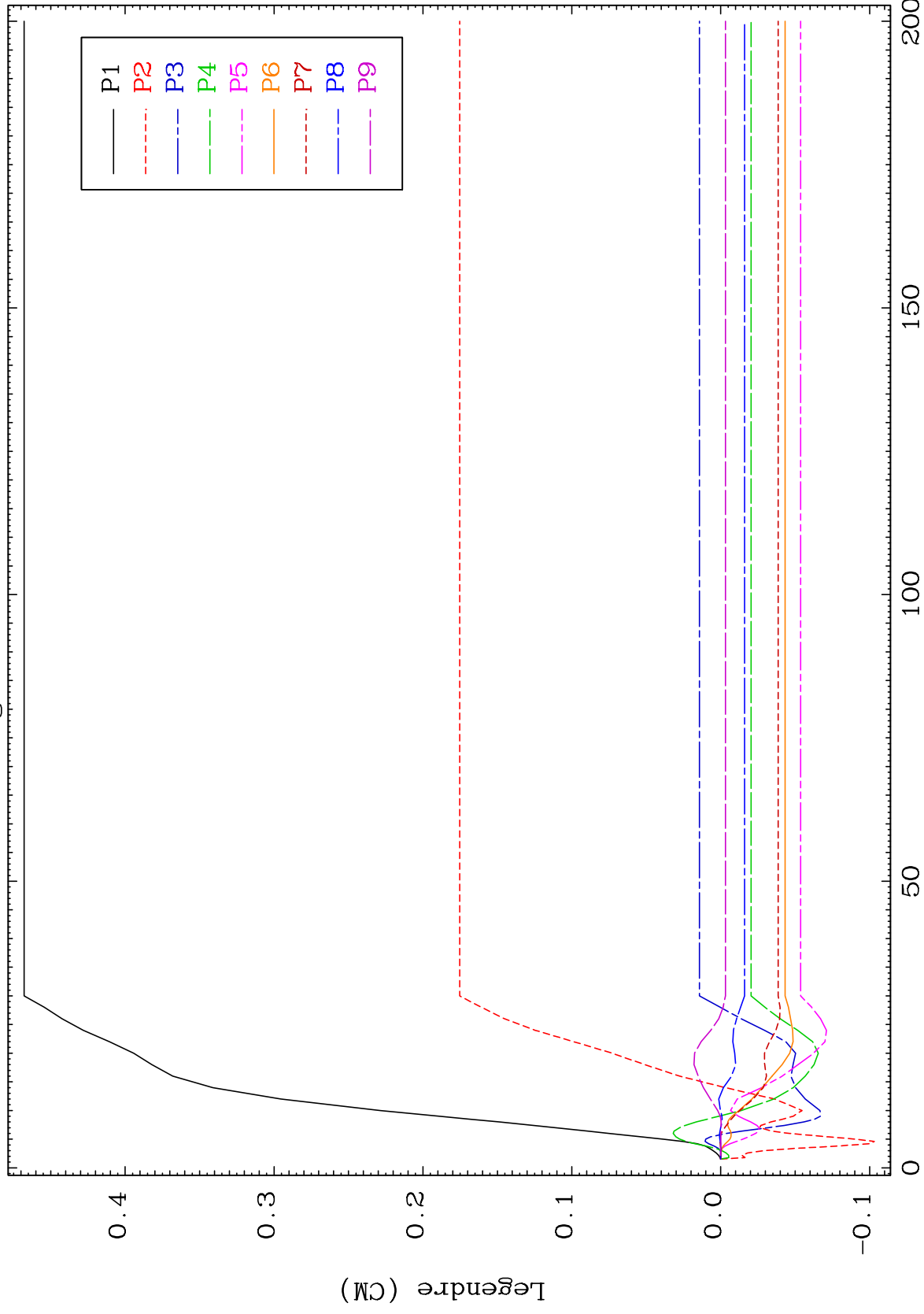
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



89

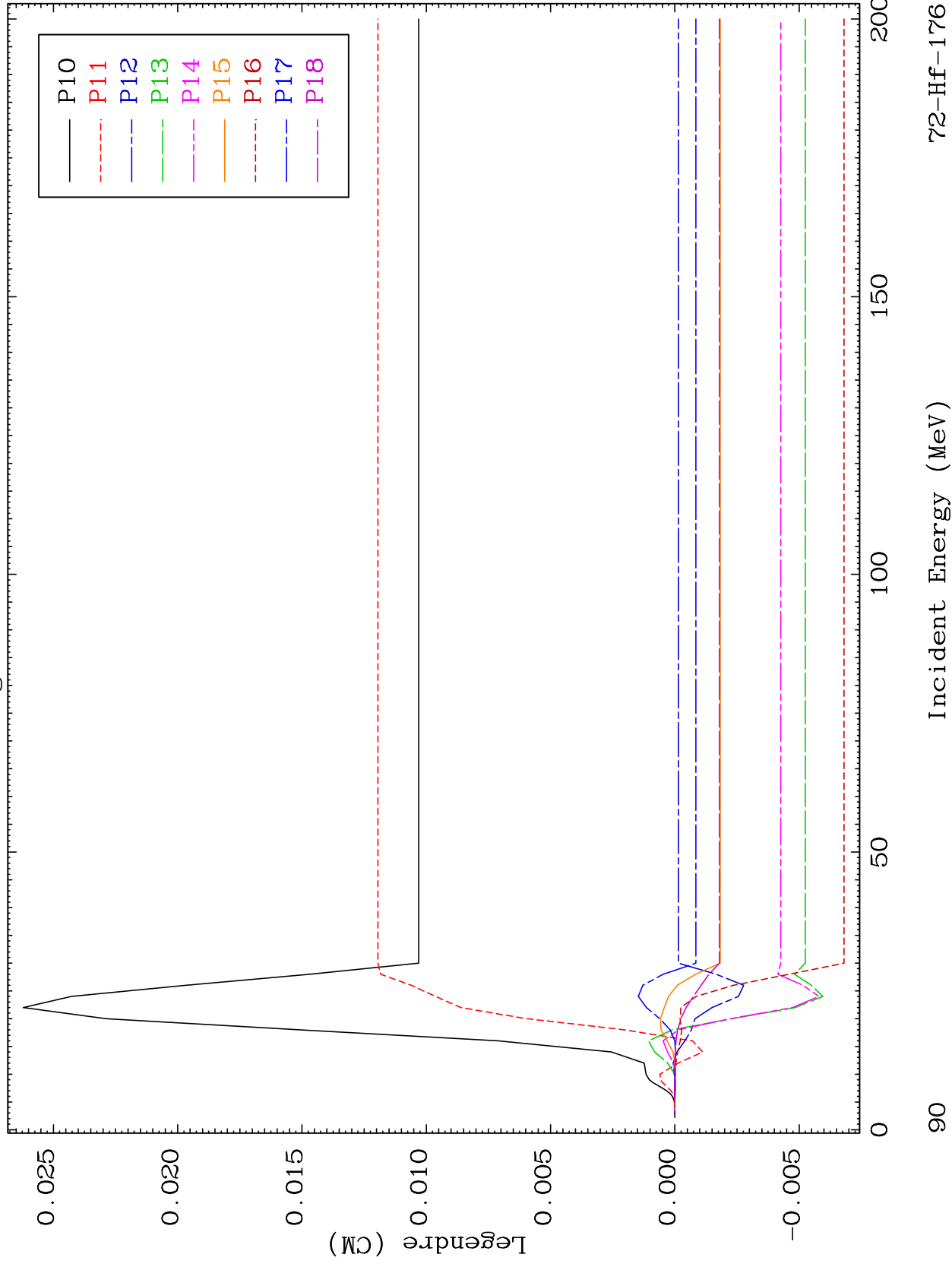
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

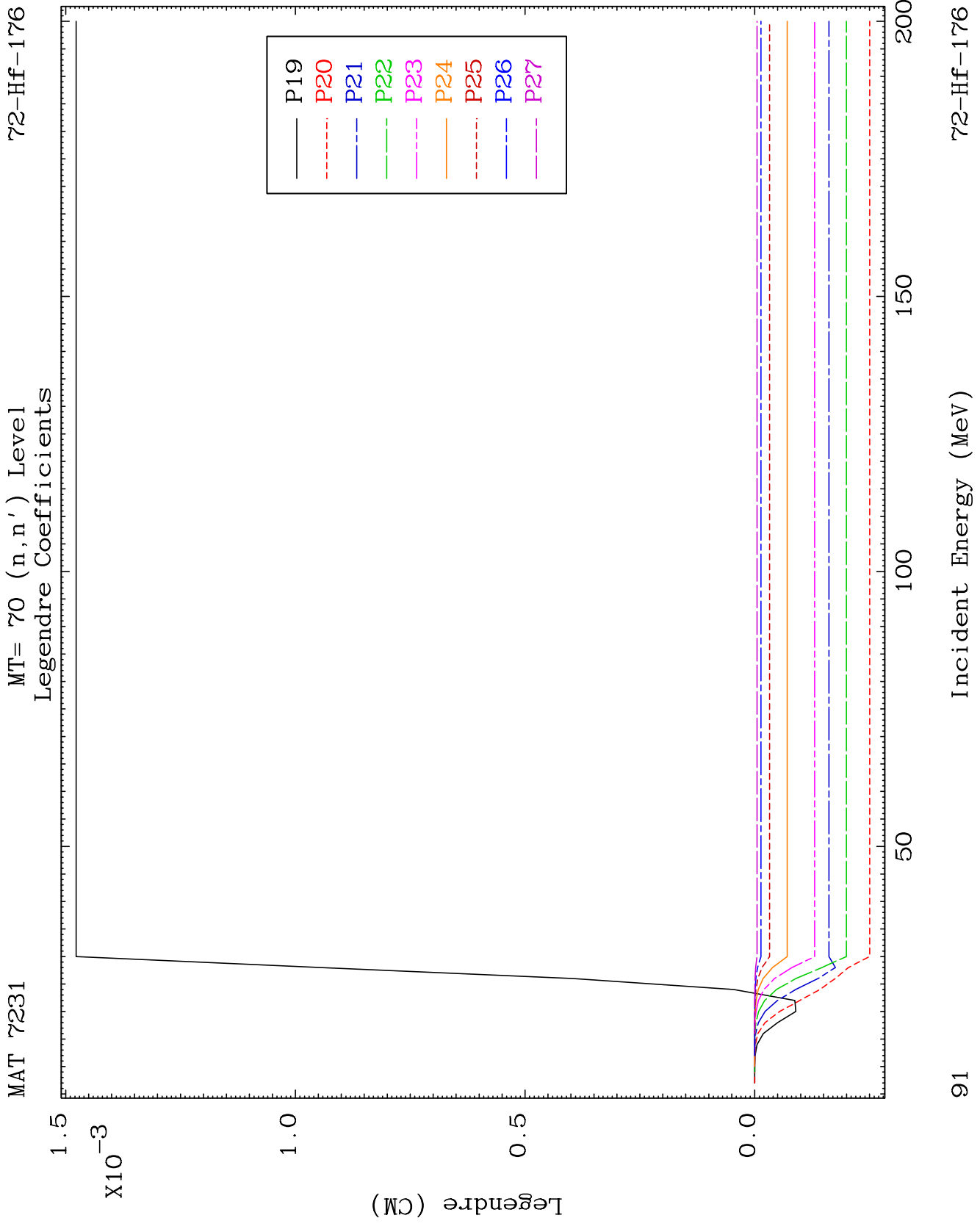
72-Hf-176

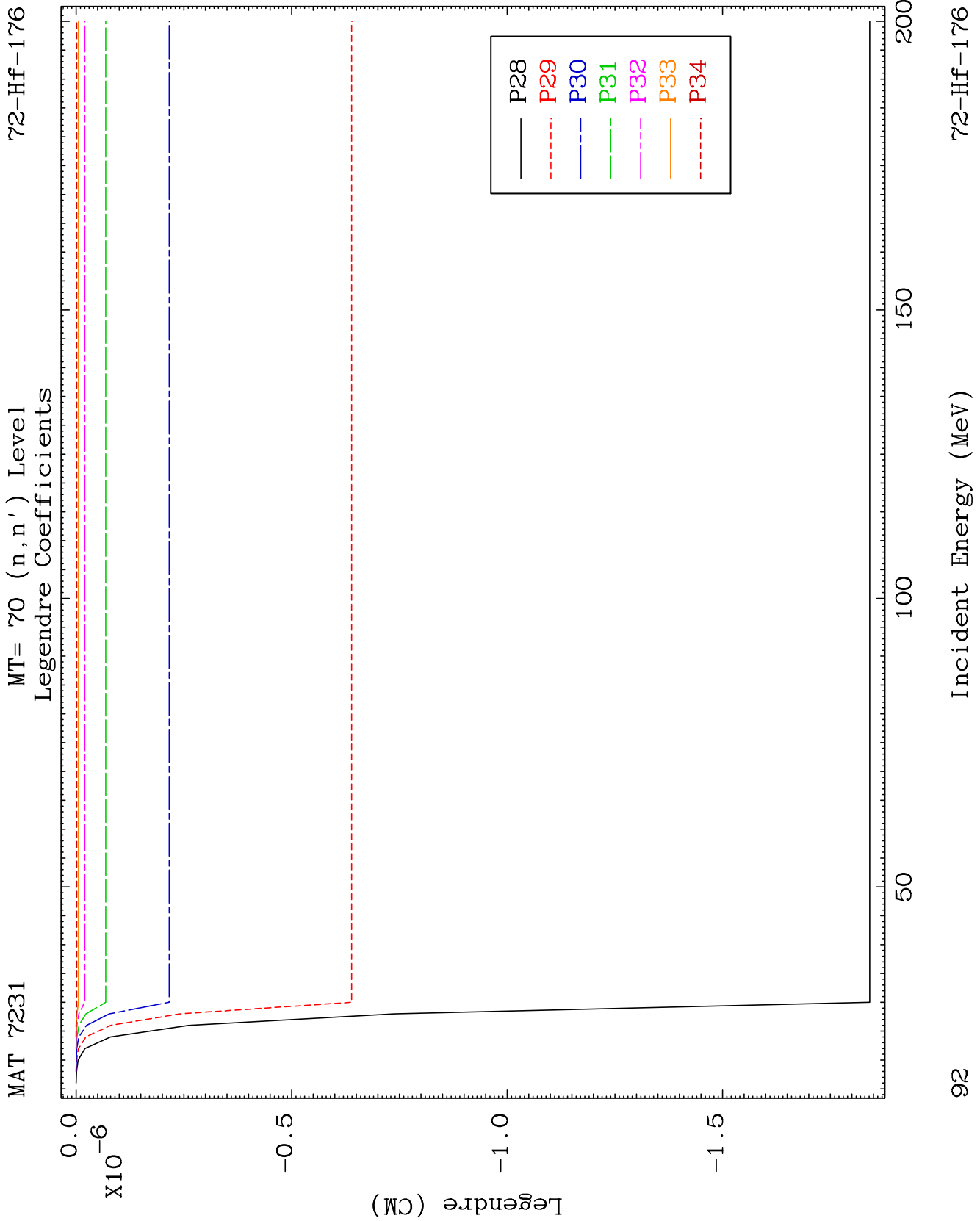


72-Hf-176

Incident Energy (MeV)

90

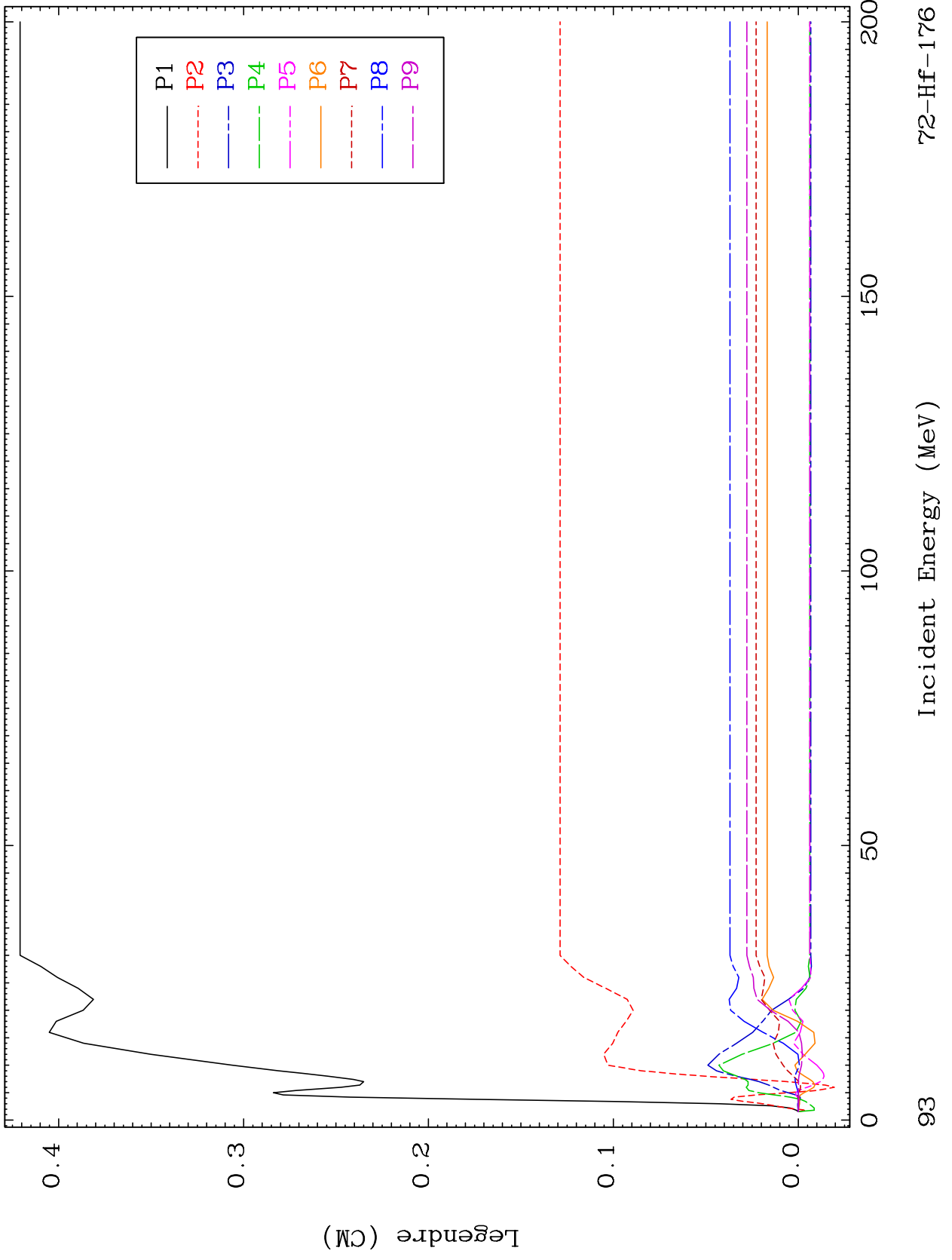




MAT 7231

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

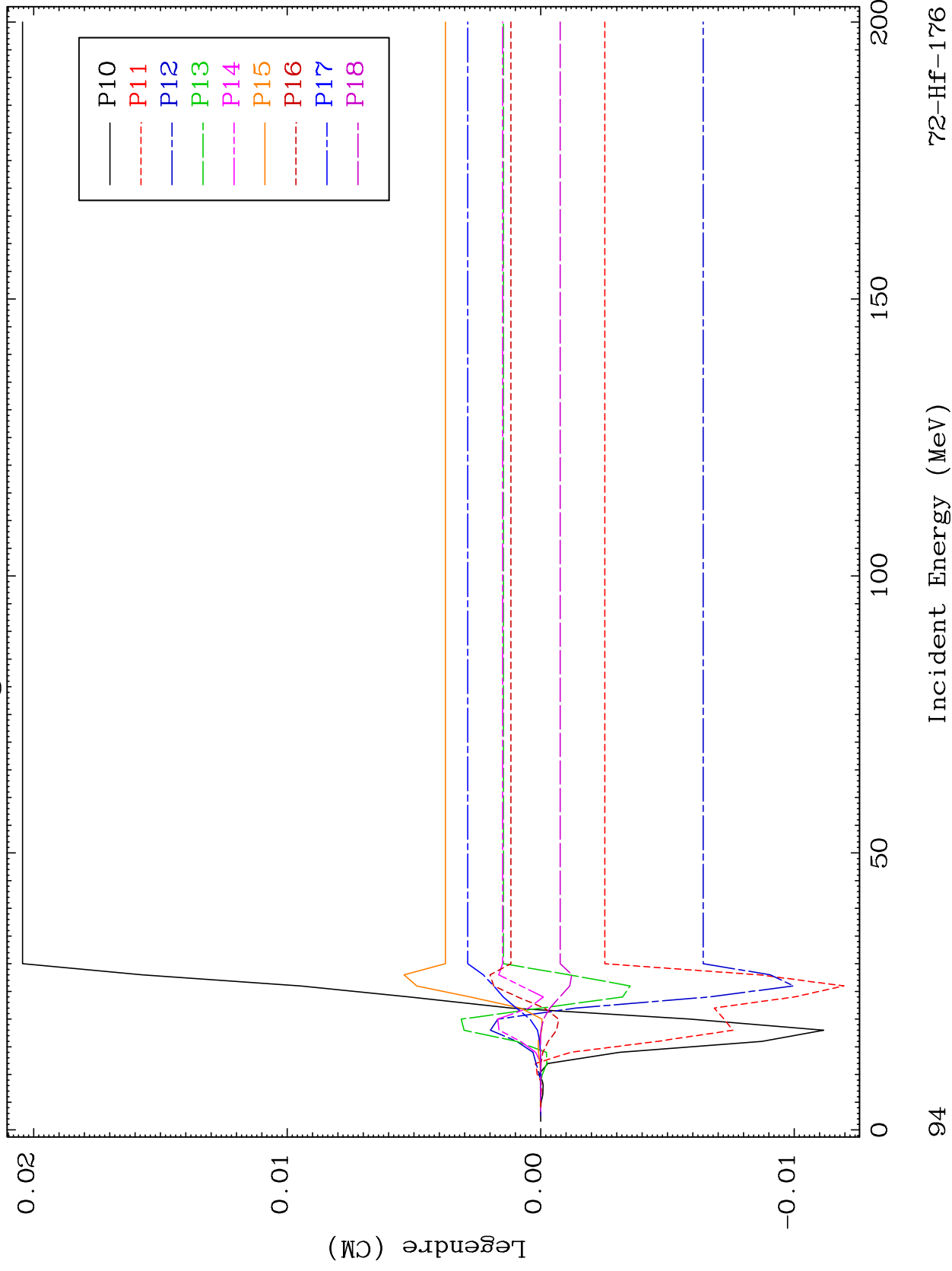
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

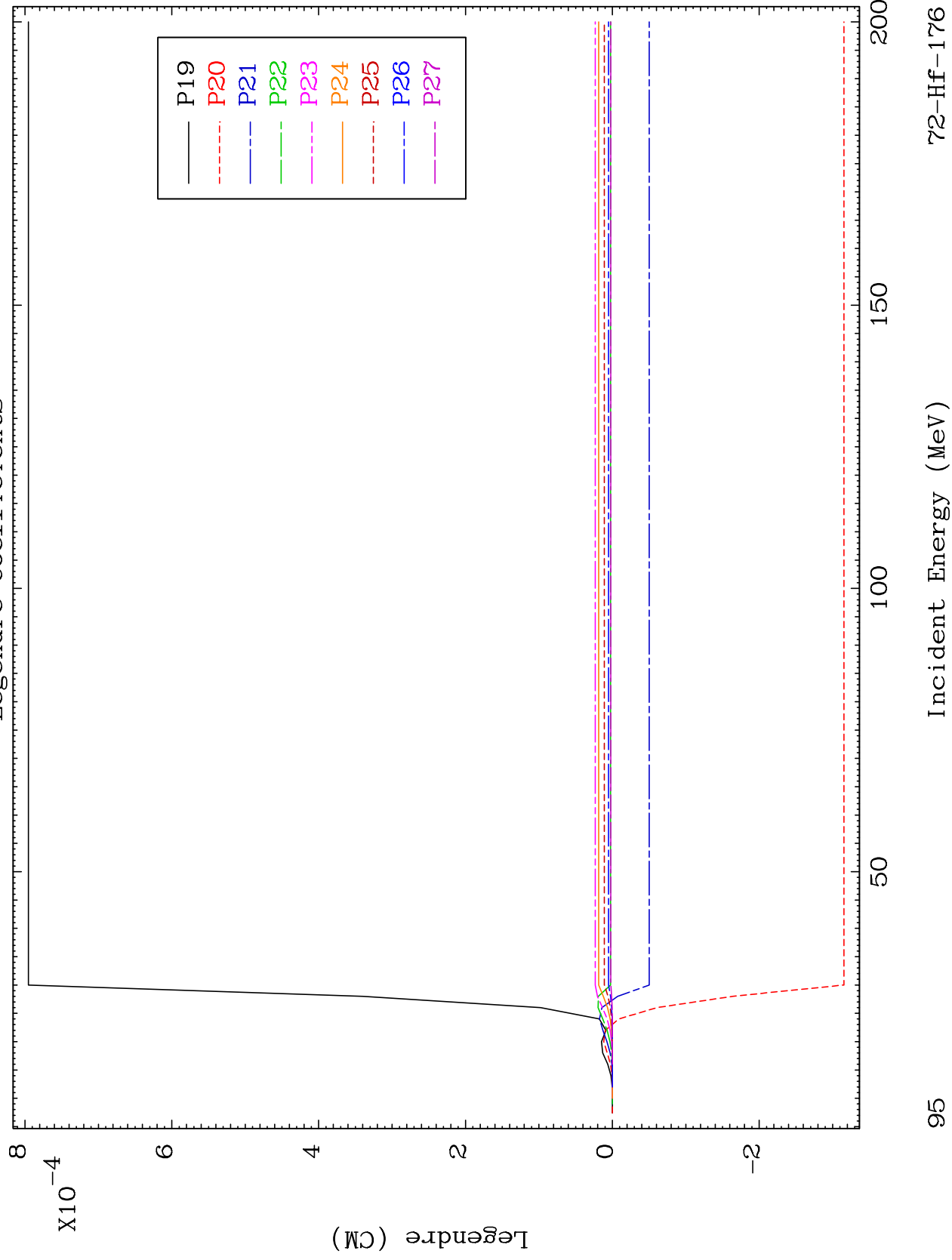
Incident Energy (MeV)

94

MAT 7231

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

72-Hf-176



95

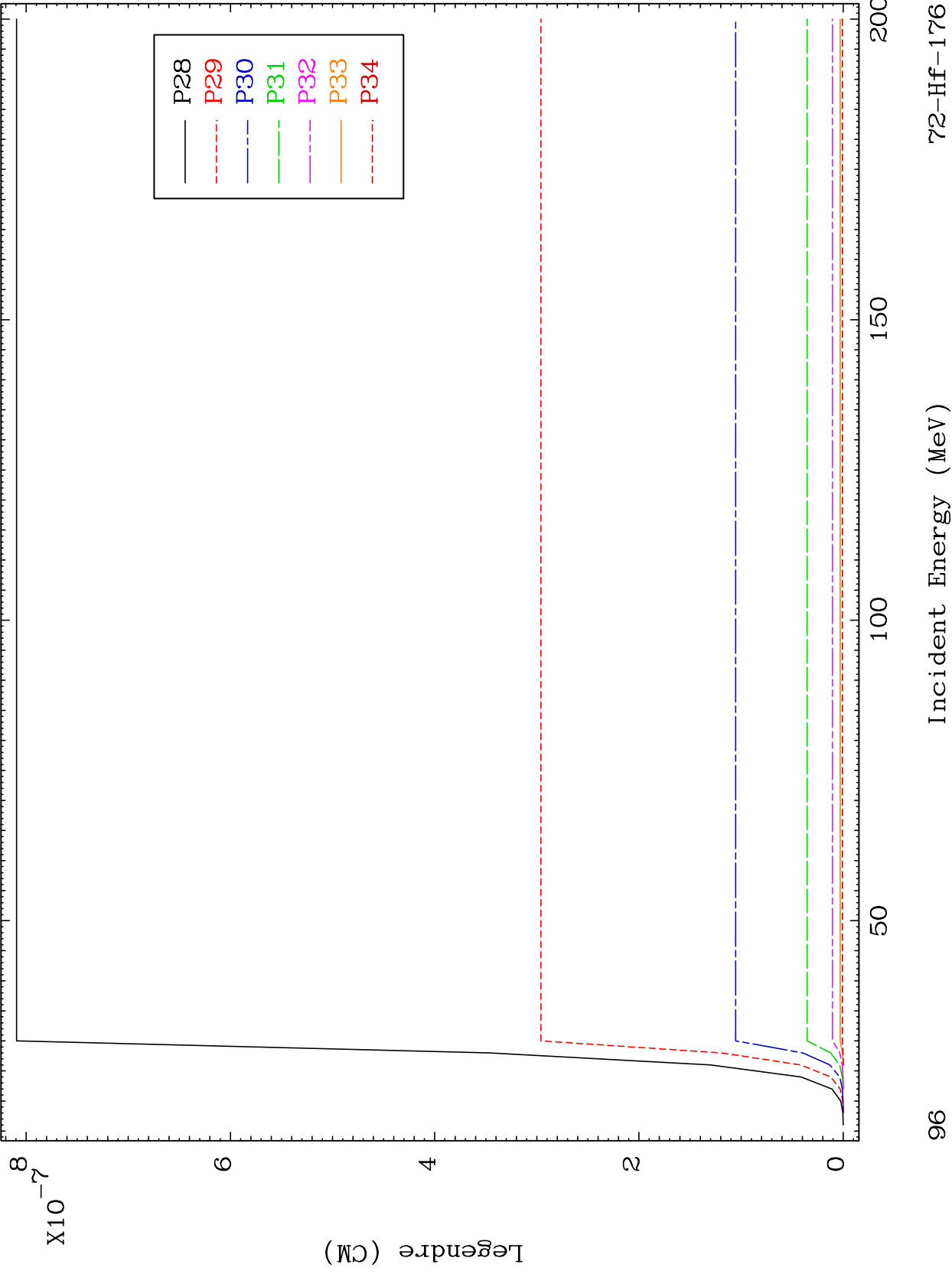
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

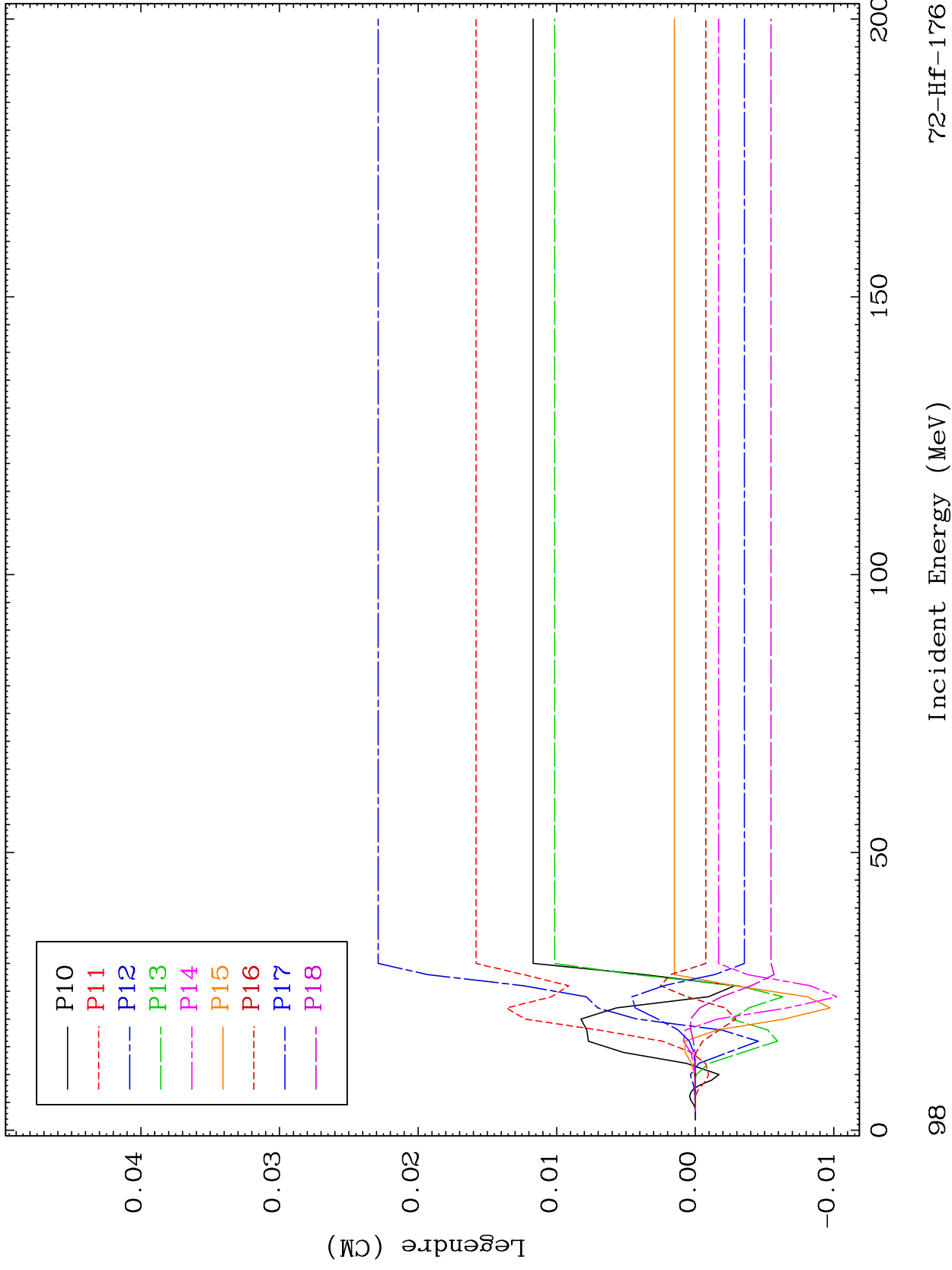
72-Hf-176



MAT 7231

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

72-Hf-176



98

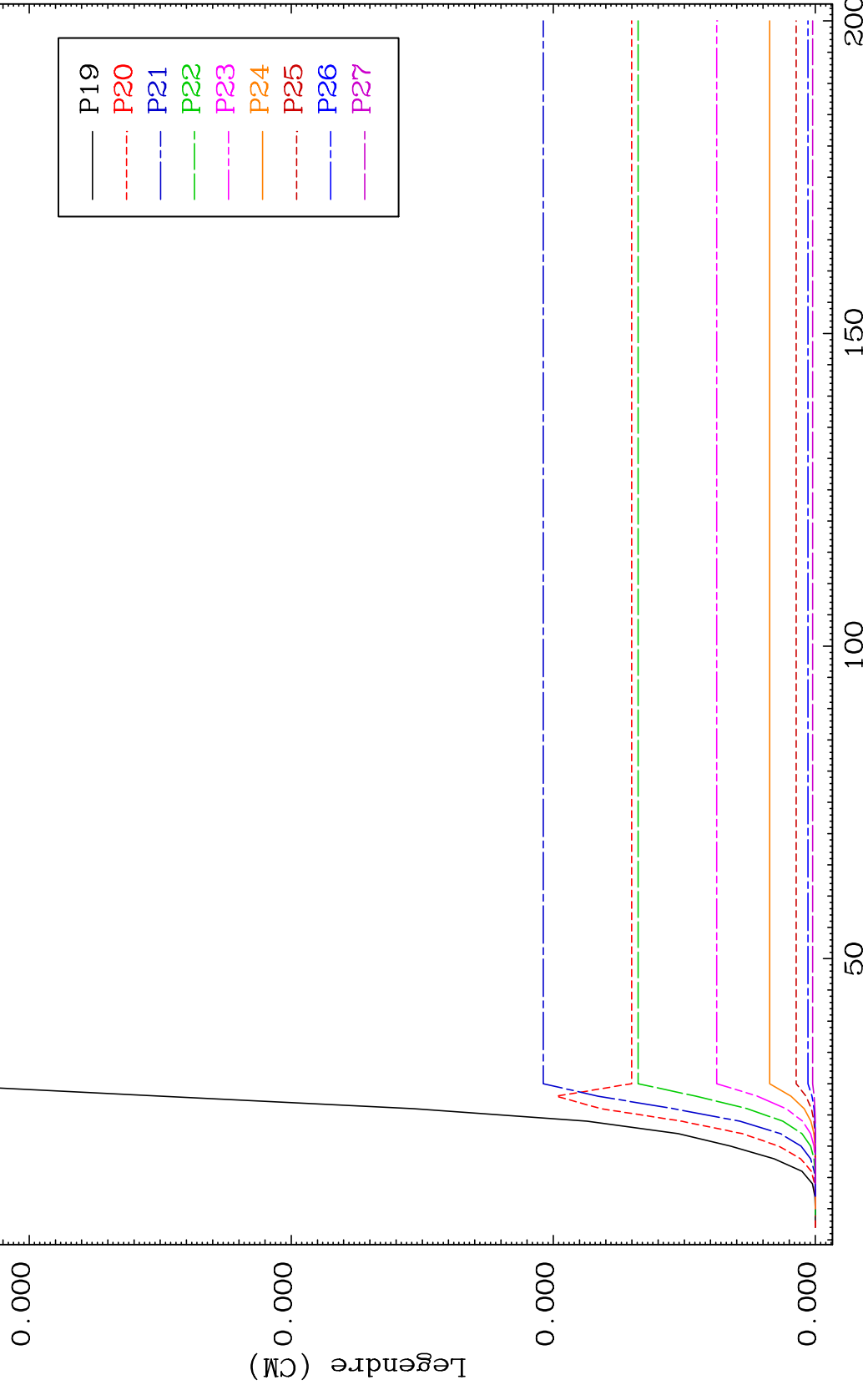
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



99

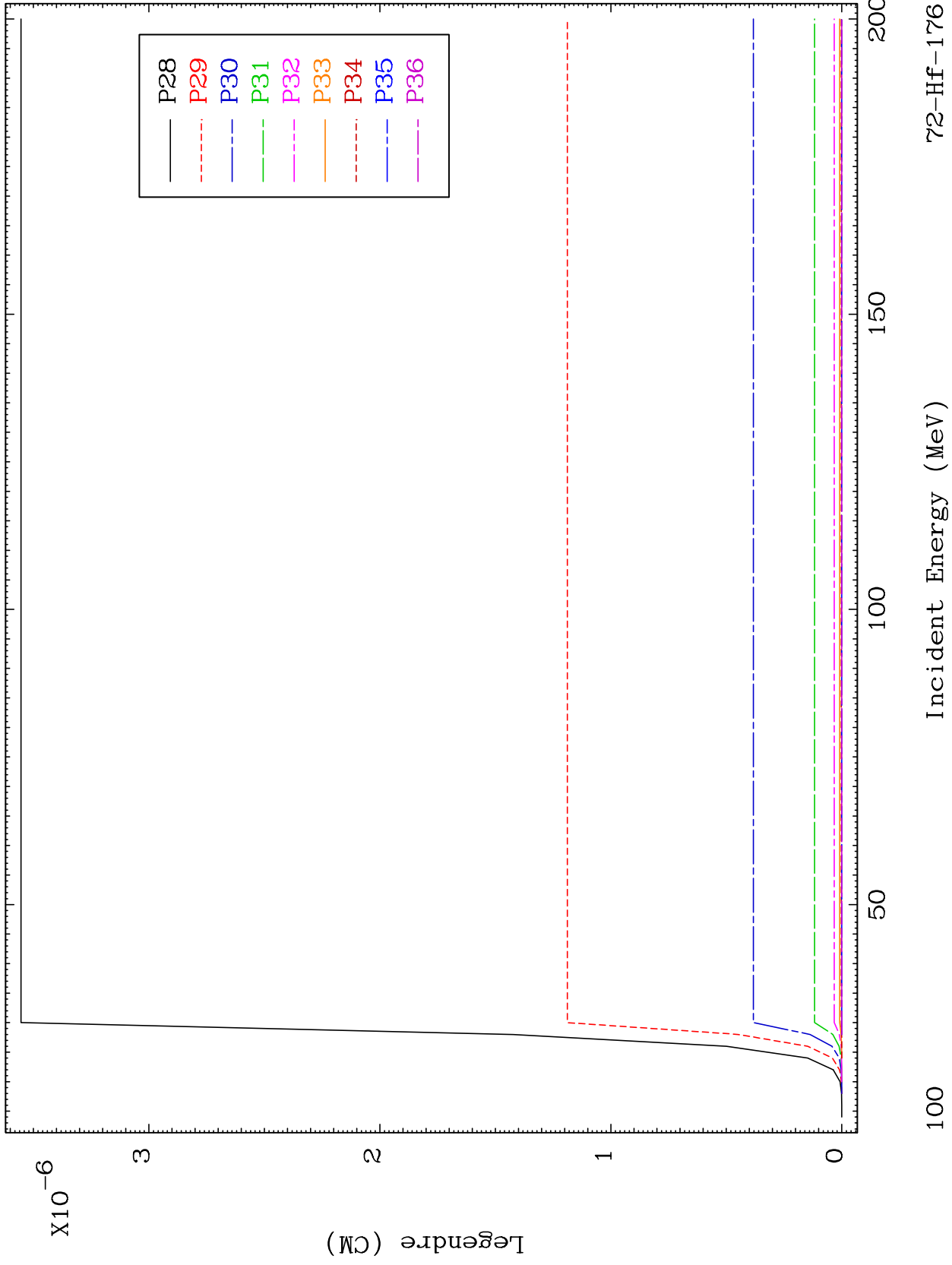
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

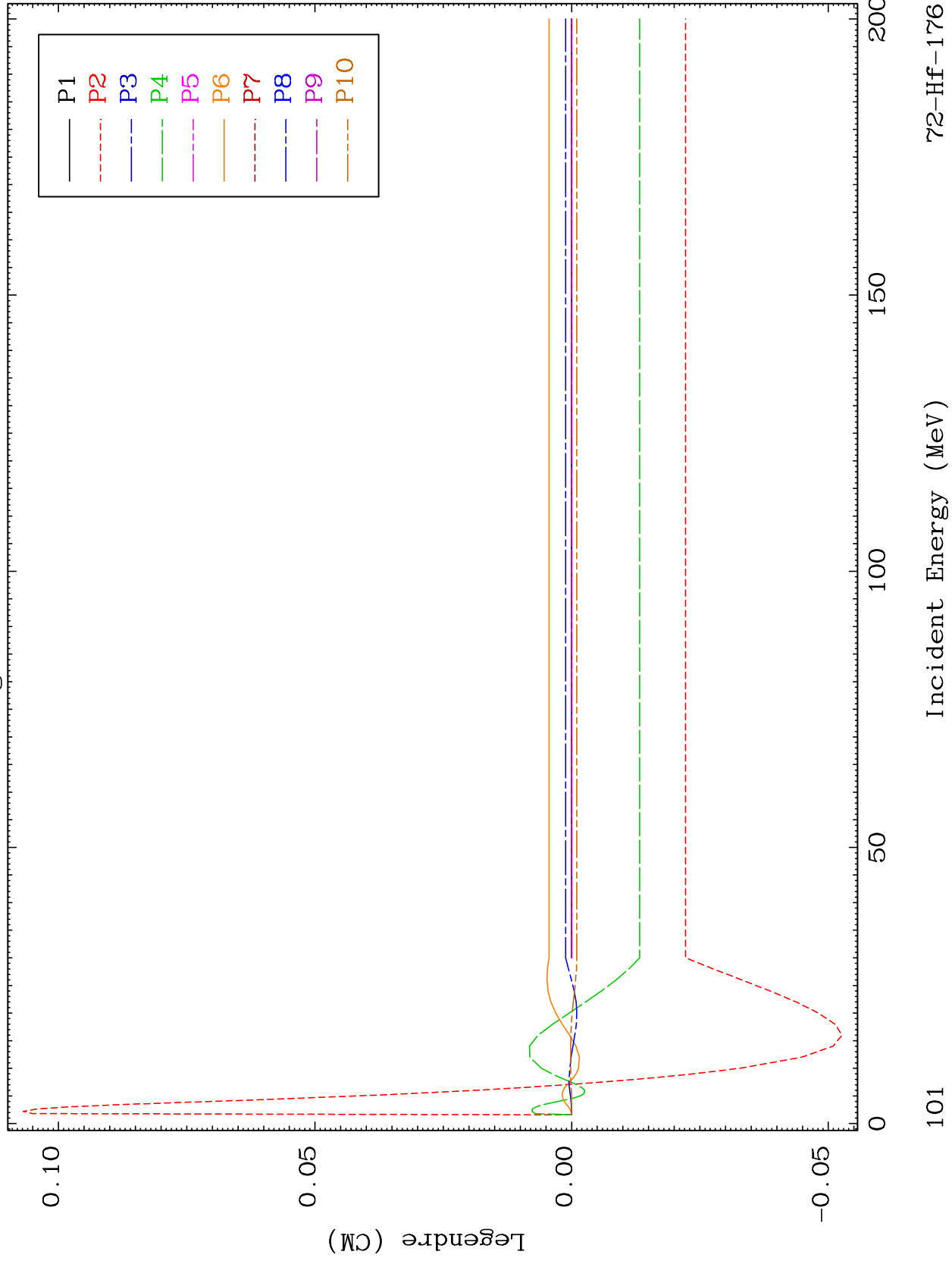
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

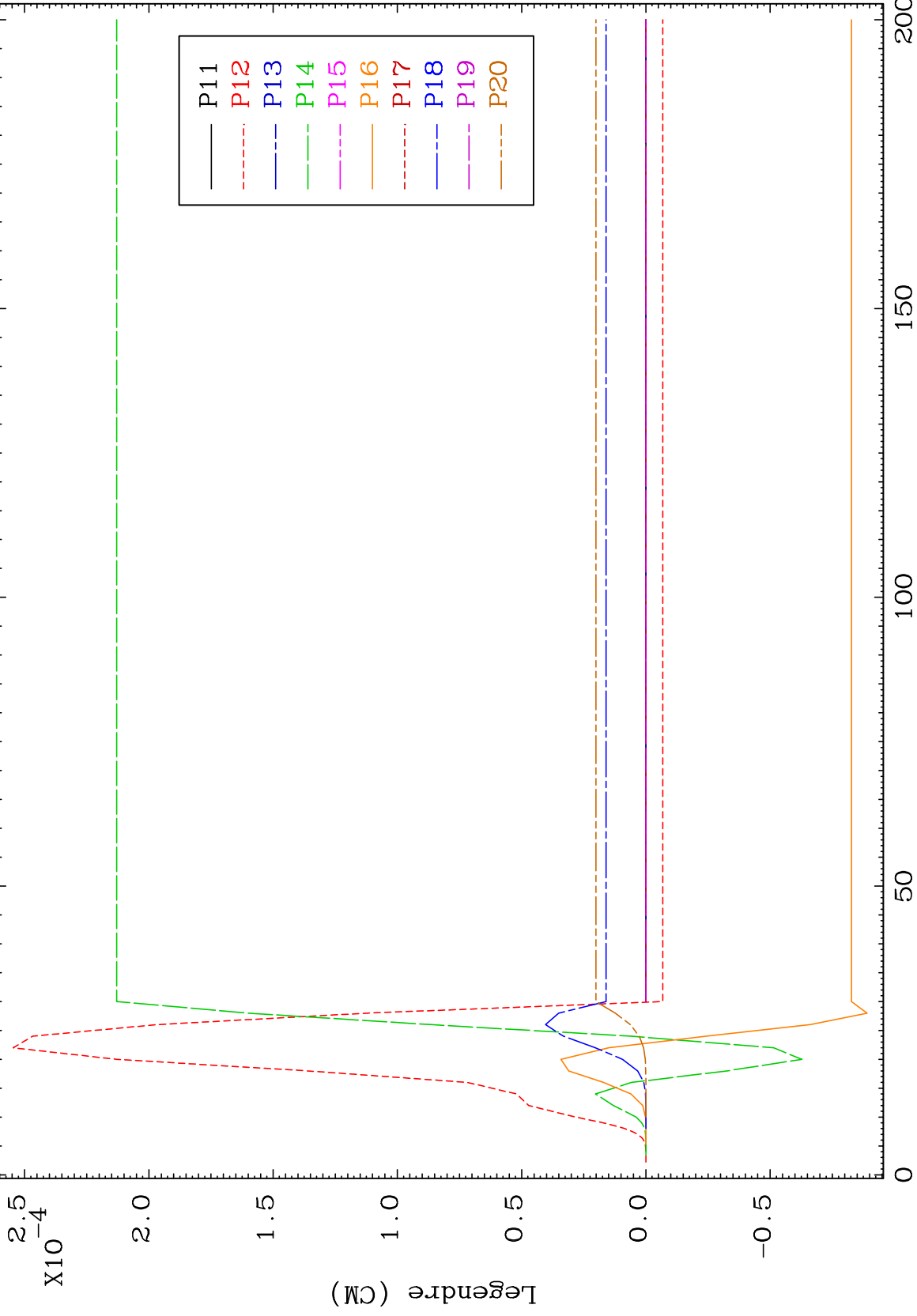
Incident Energy (MeV)

101

MAT 7231

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

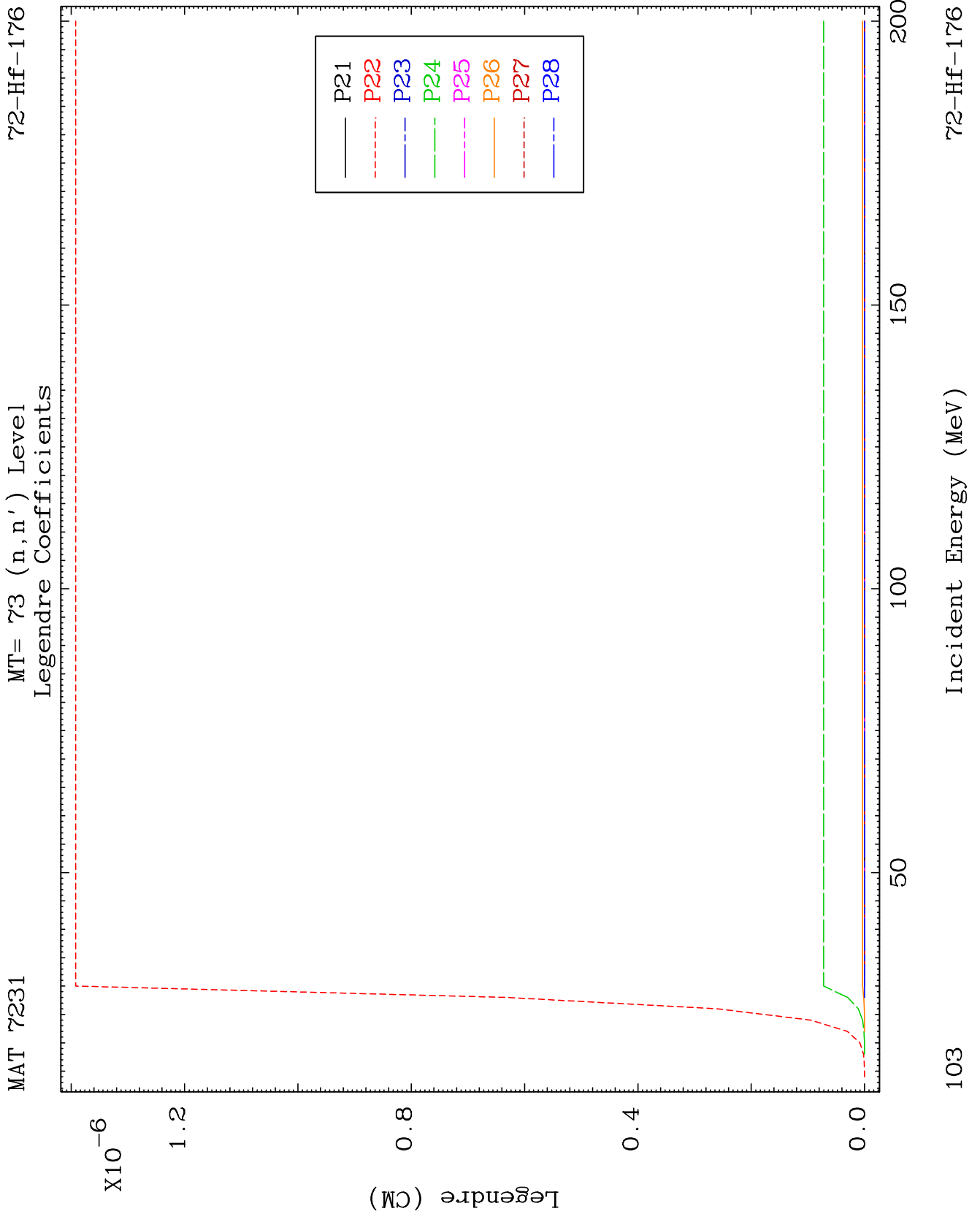
72-Hf-176

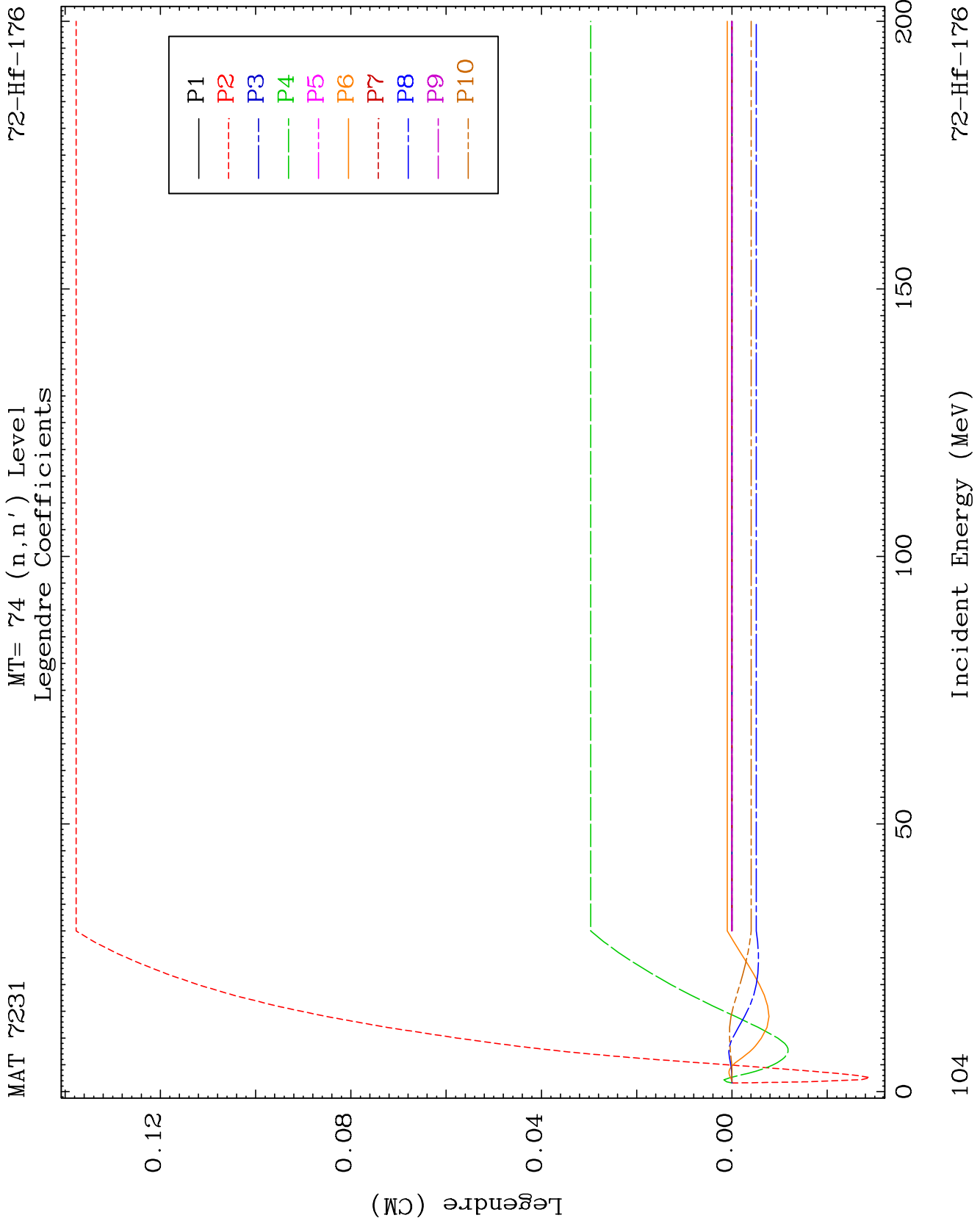


102

Incident Energy (MeV)

72-Hf-176



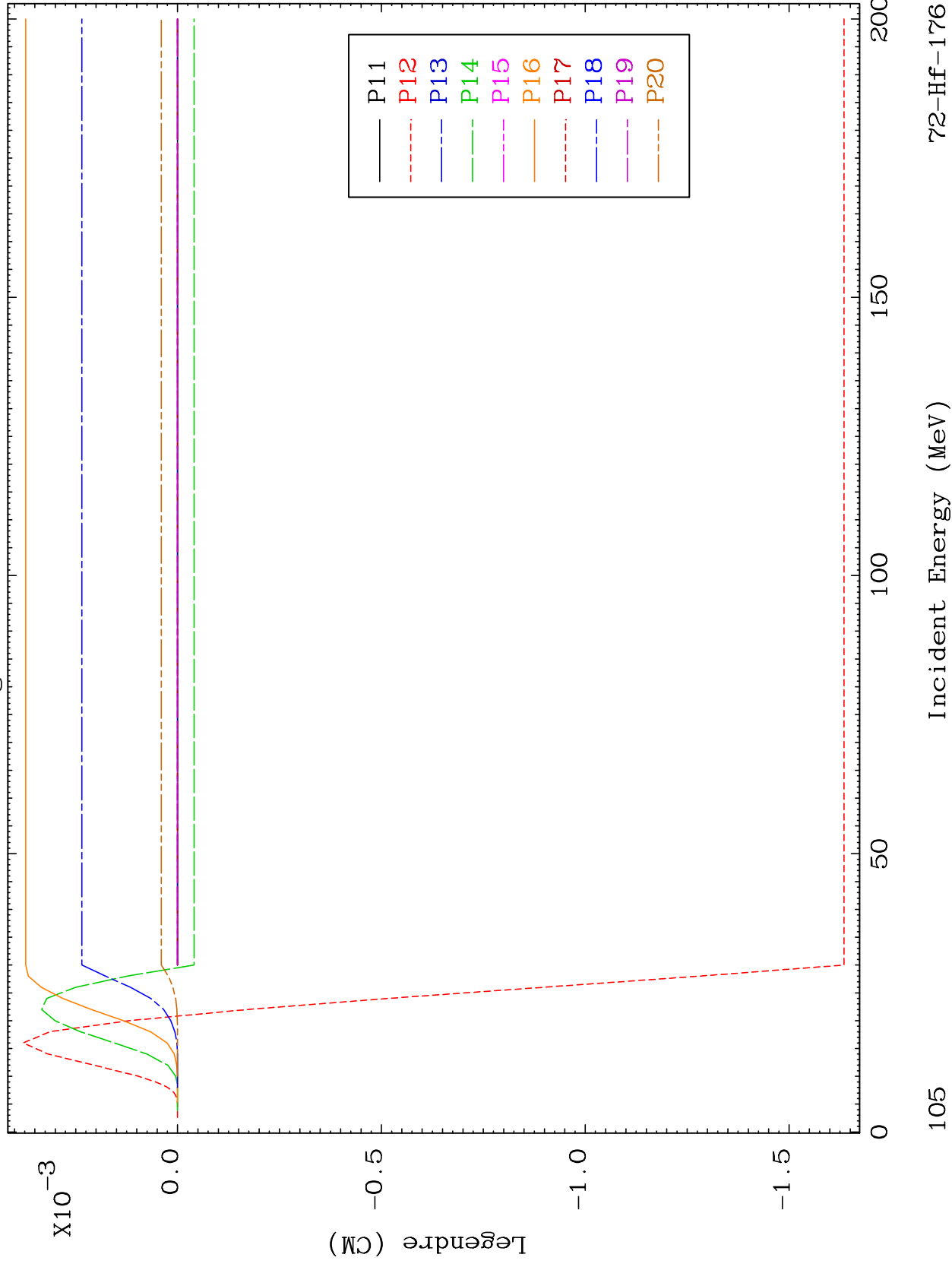


MAT 7231

MT= 74 (n,n') Level

72-Hf-176

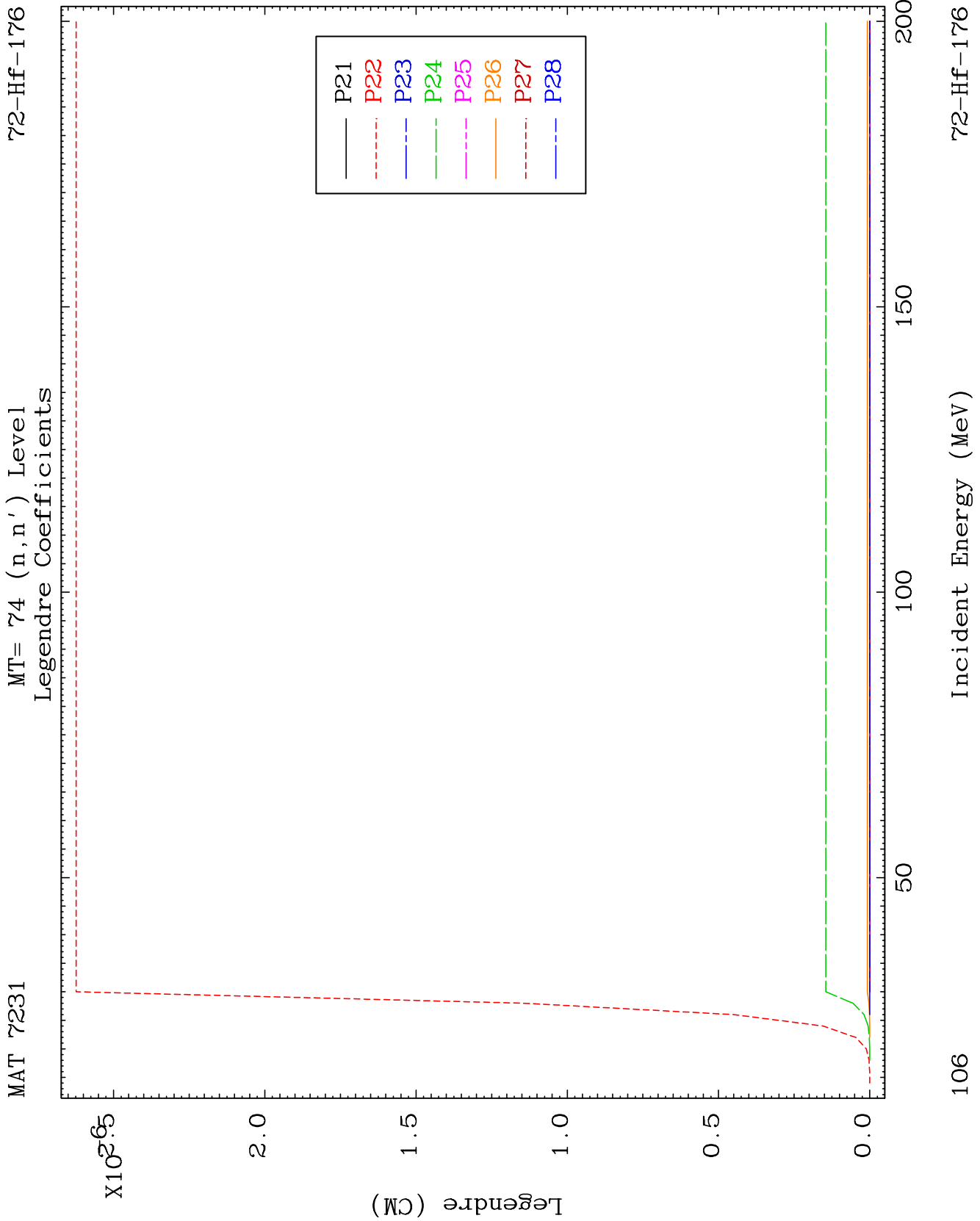
Legendre Coefficients

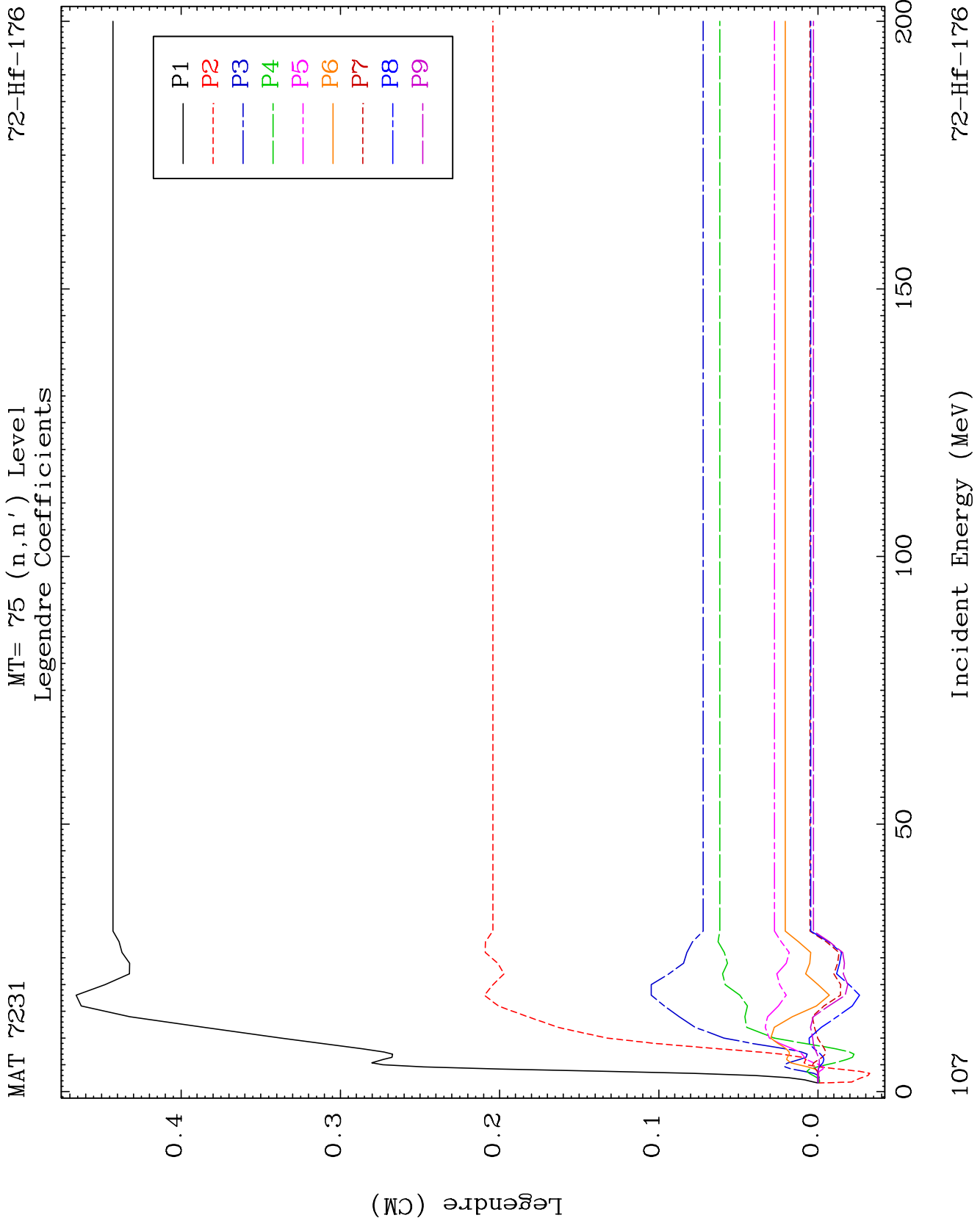


105

Incident Energy (MeV)

72-Hf-176

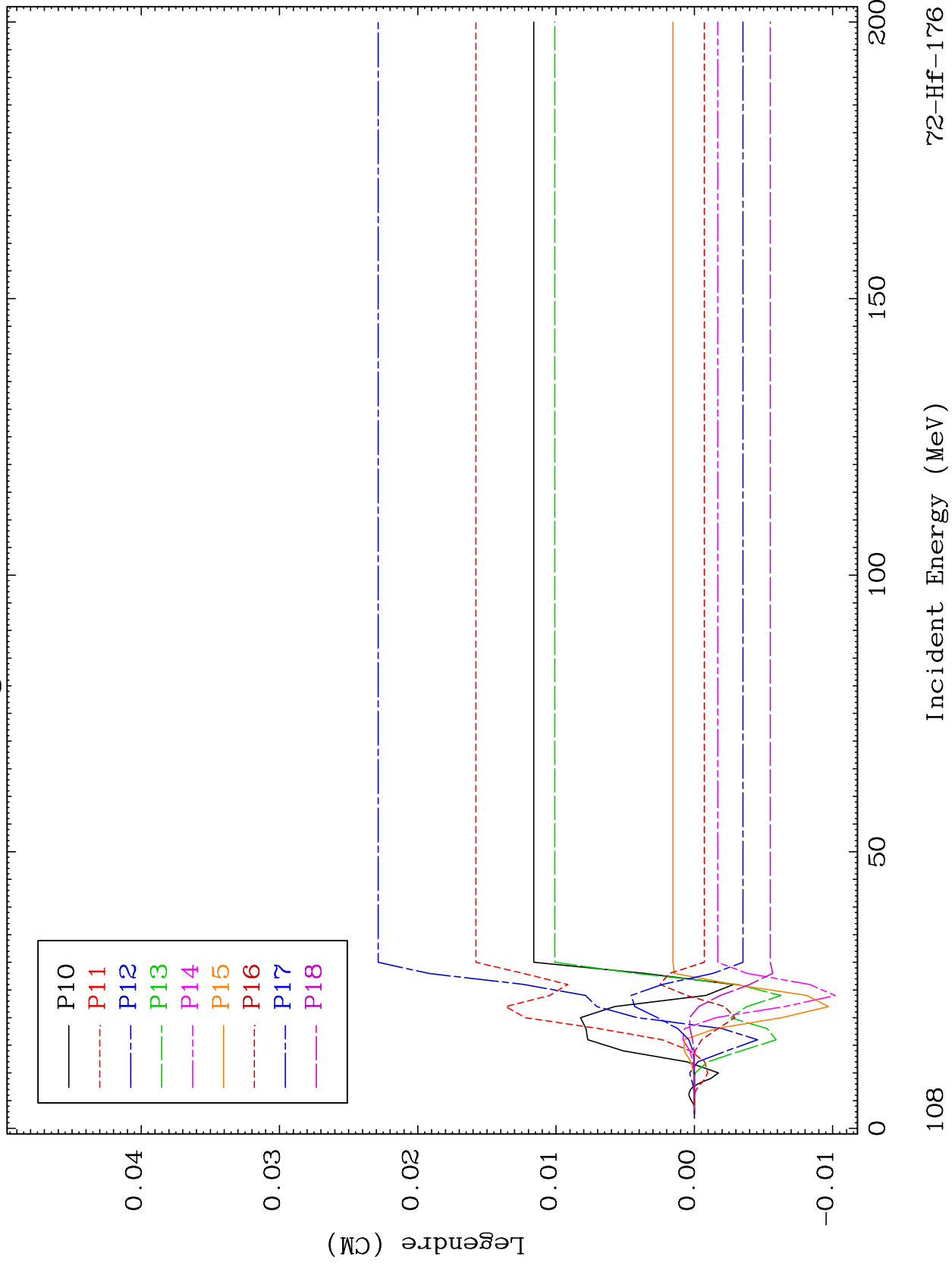




MAT 7231

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

72-Hf-176



72-Hf-176

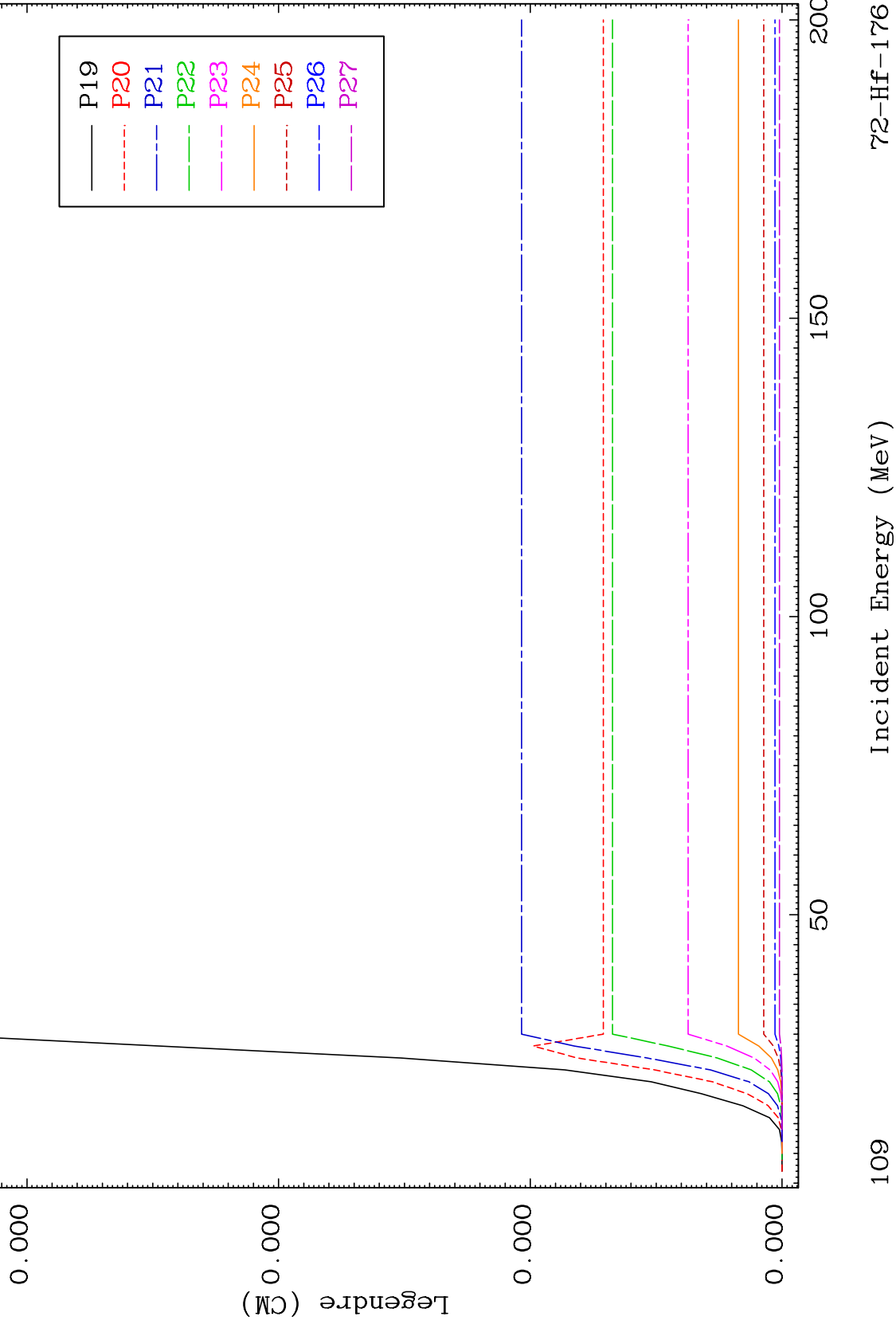
Incident Energy (MeV)

108

MAT 7231

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

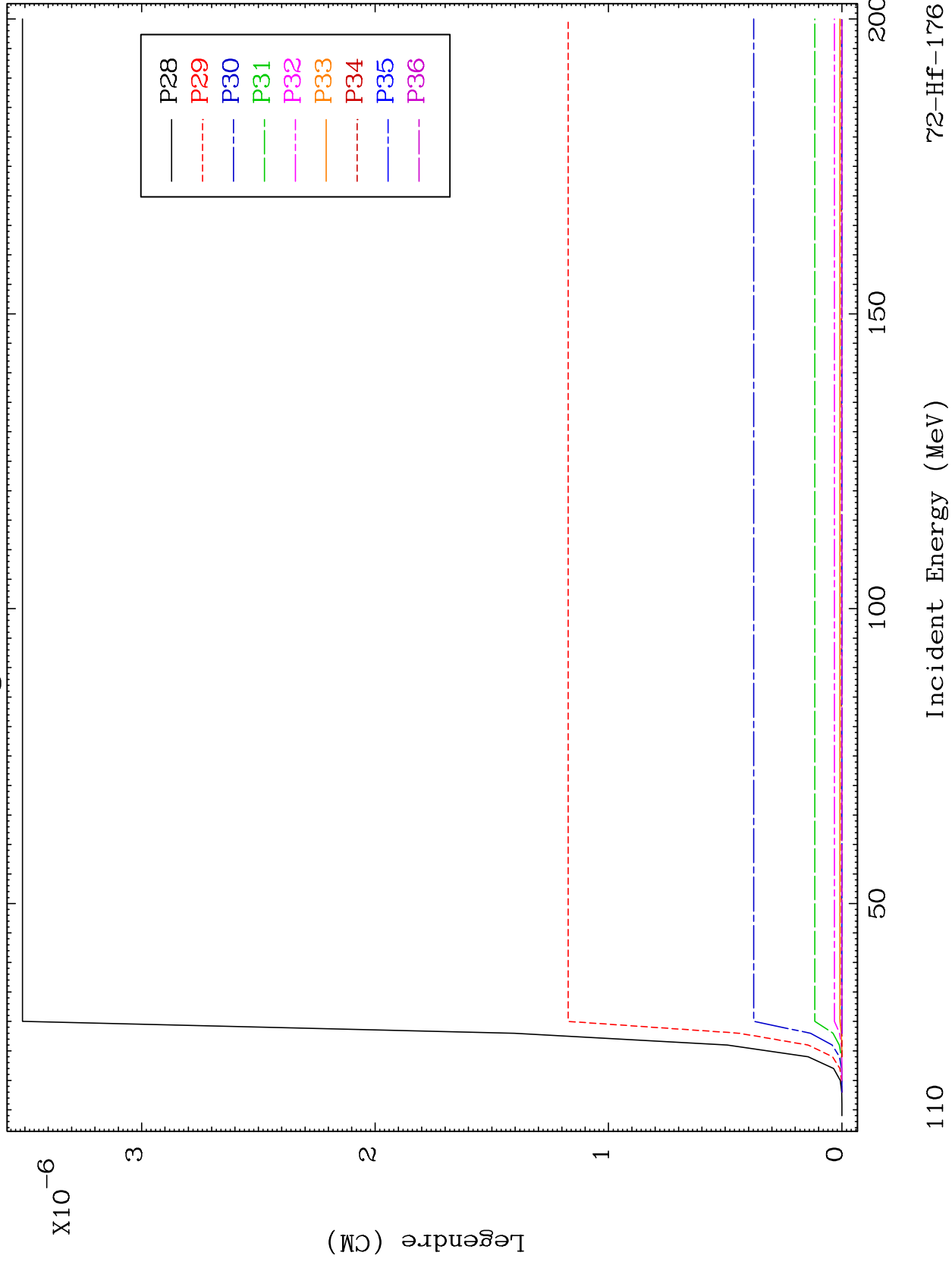
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

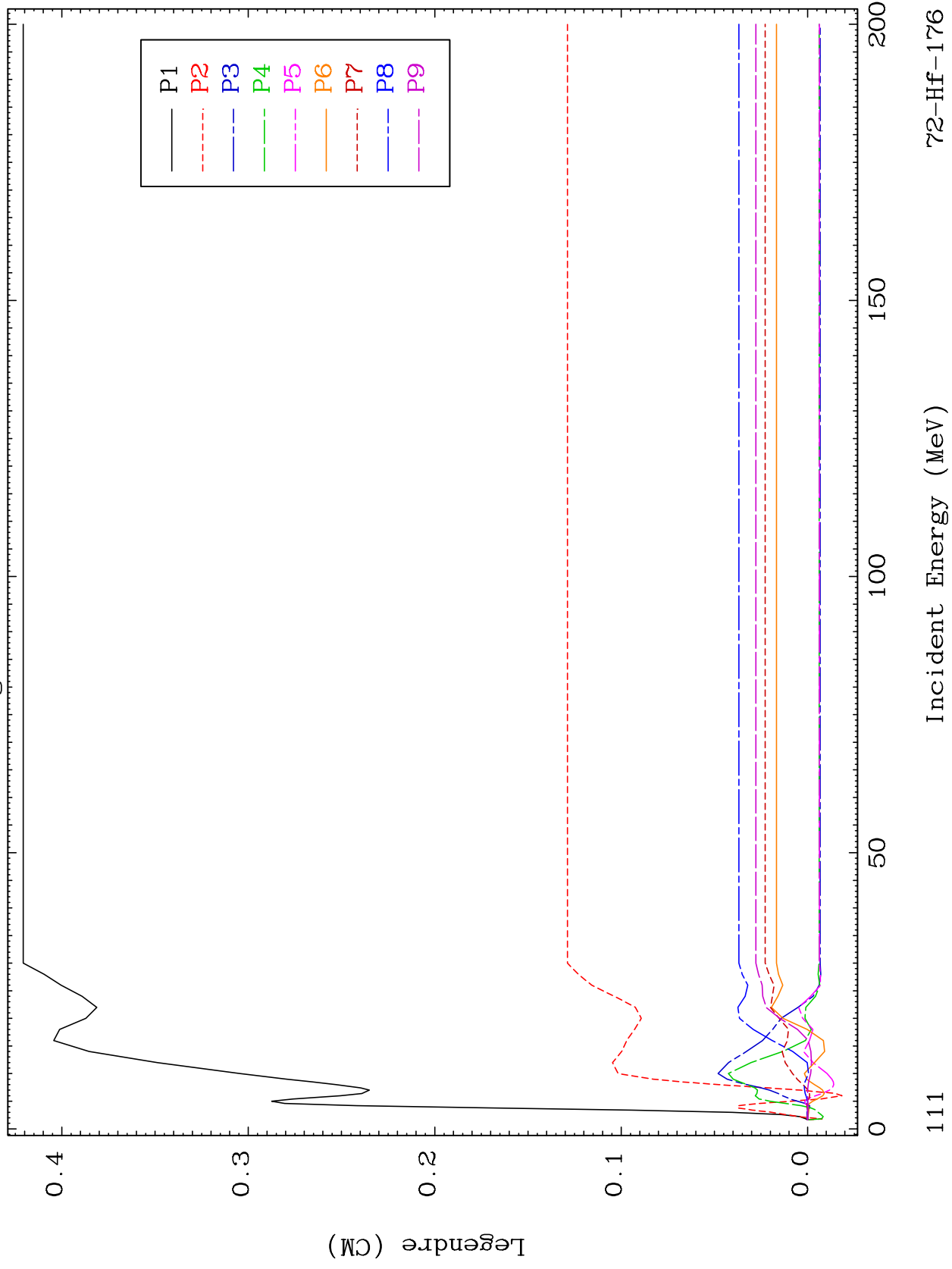
Incident Energy (MeV)

110

MAT 7231

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

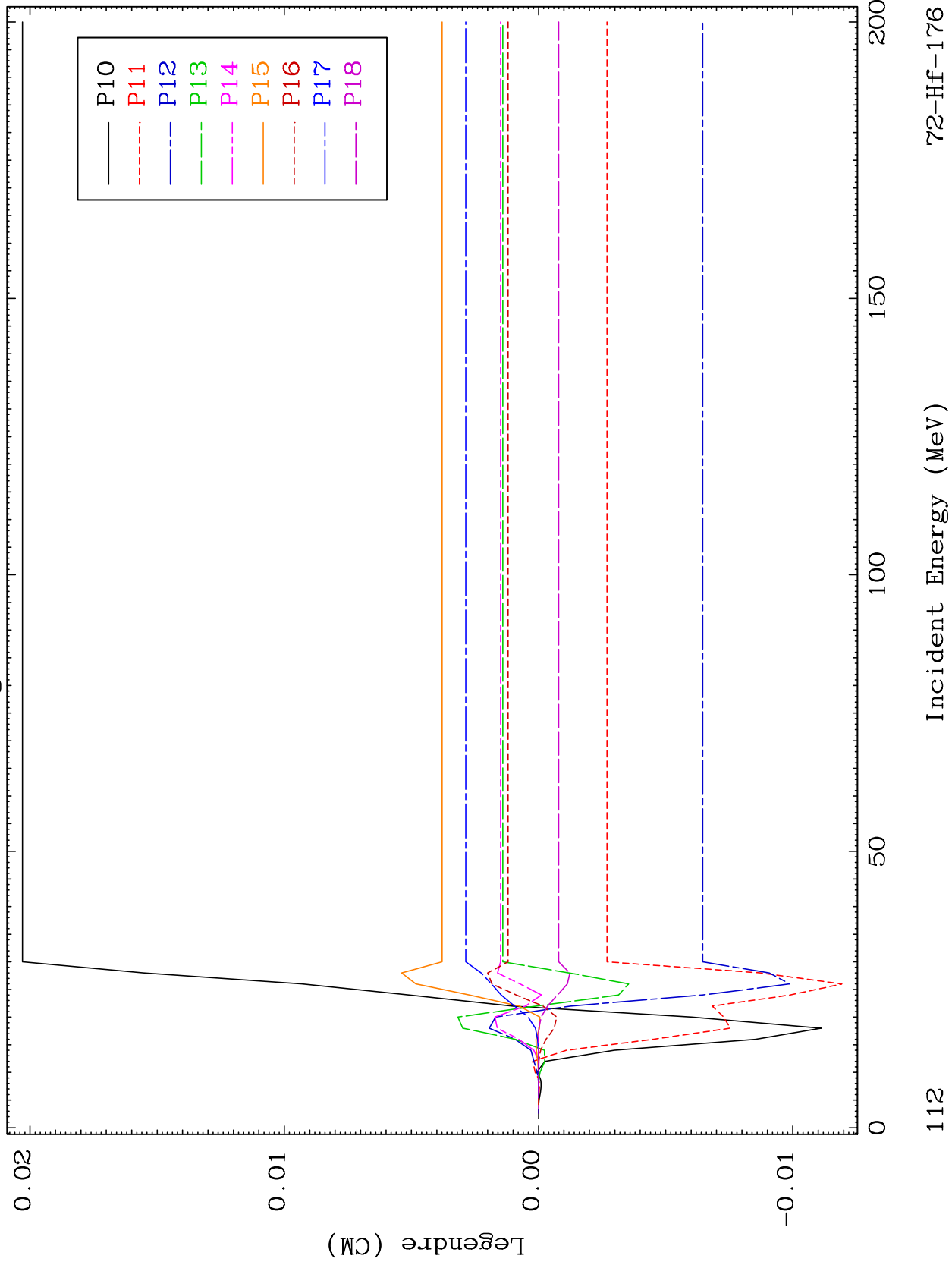
72-Hf-176



MAT 7231

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

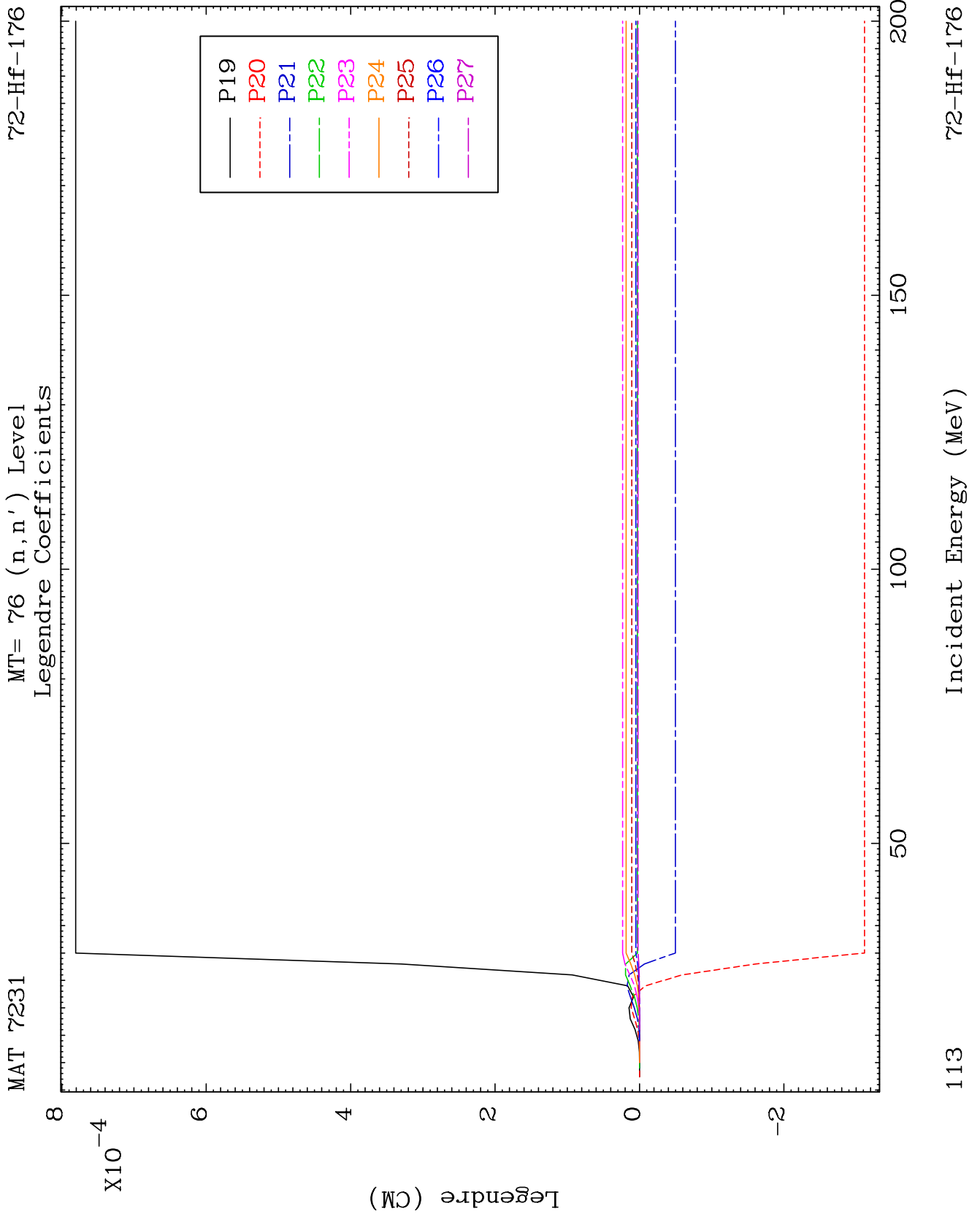
72-Hf-176



112

Incident Energy (MeV)

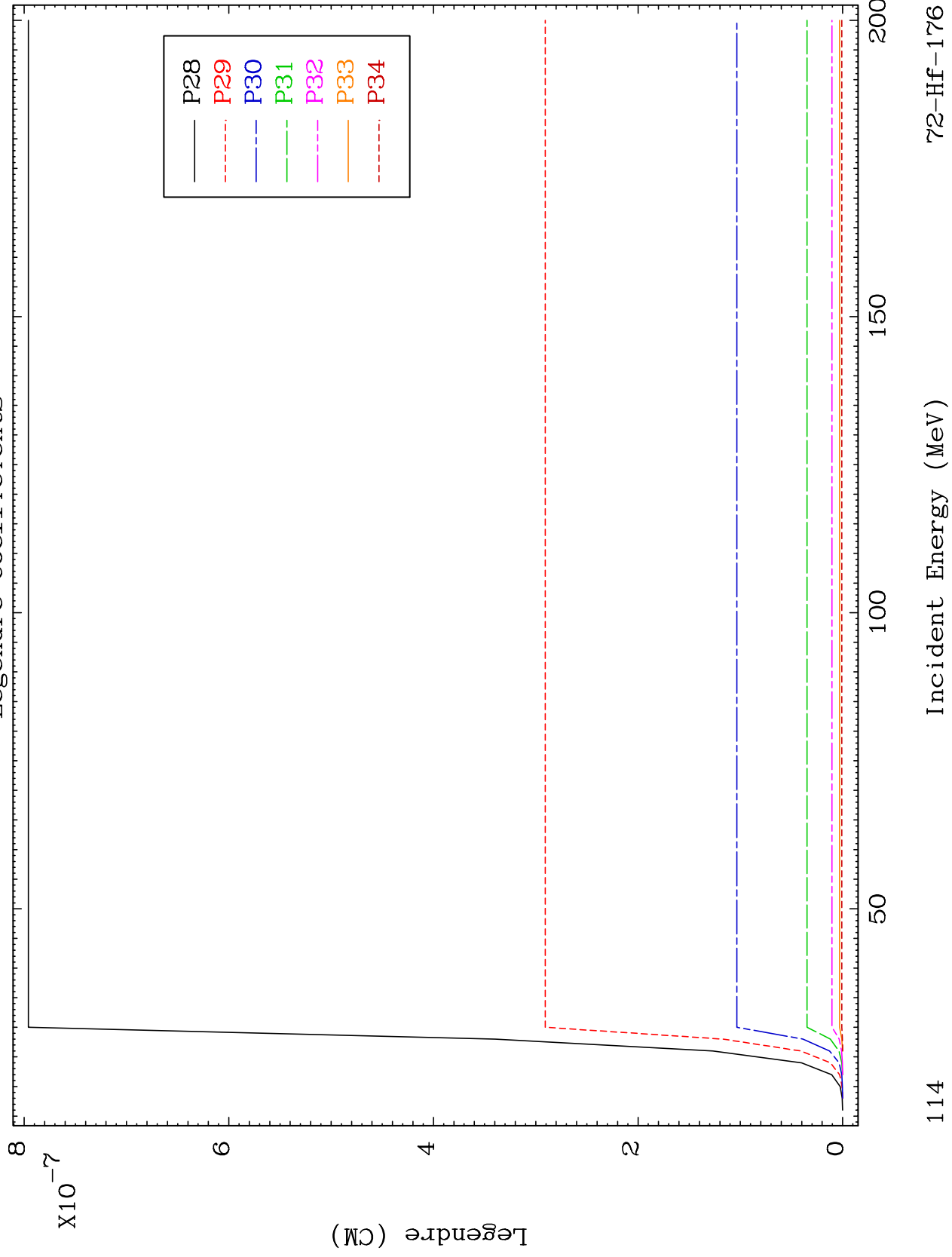
72-Hf-176



MAT 7231

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

72-Hf-176



114

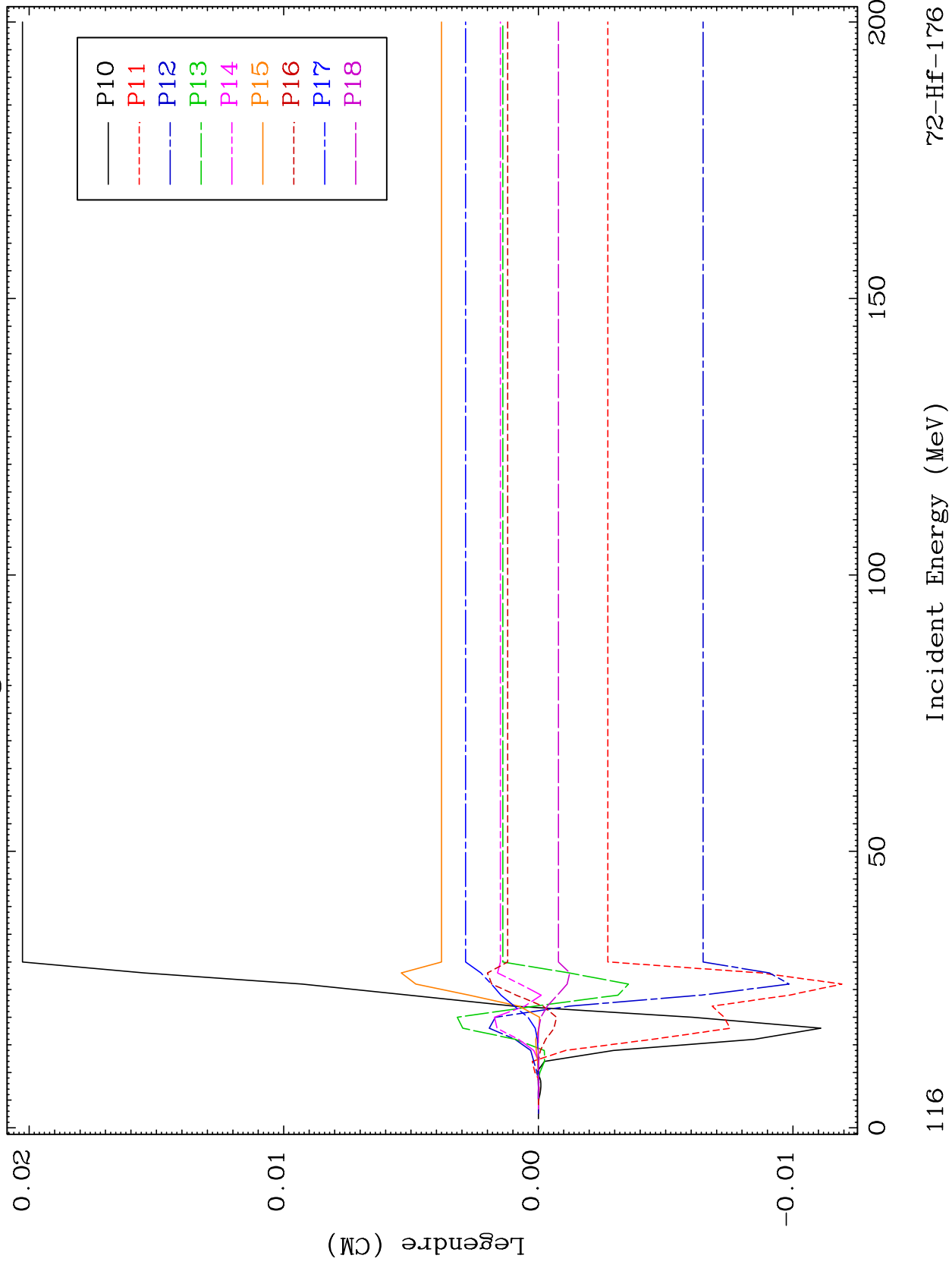
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

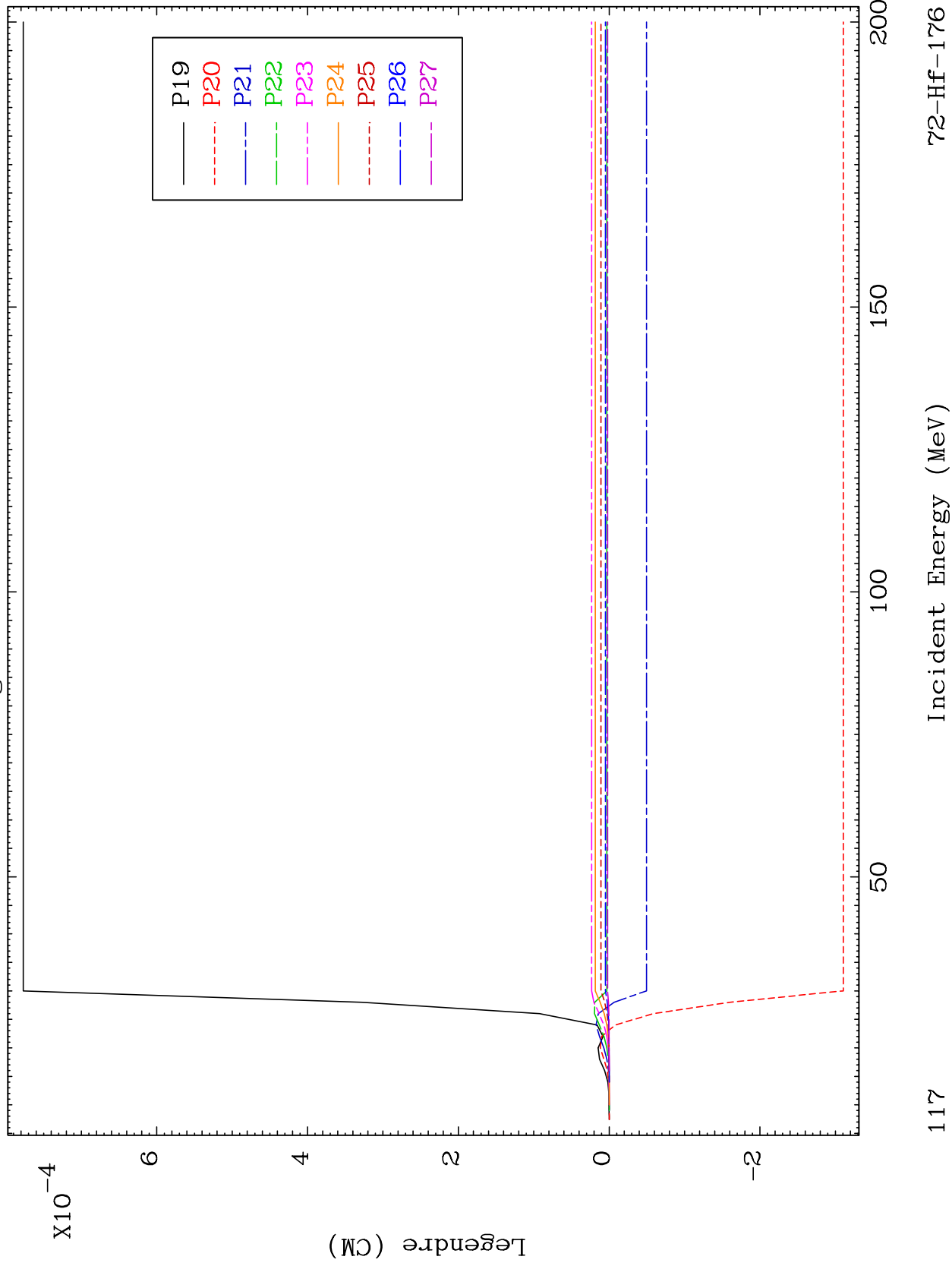
72-Hf-176



MAT 7231

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

72-Hf-176



117

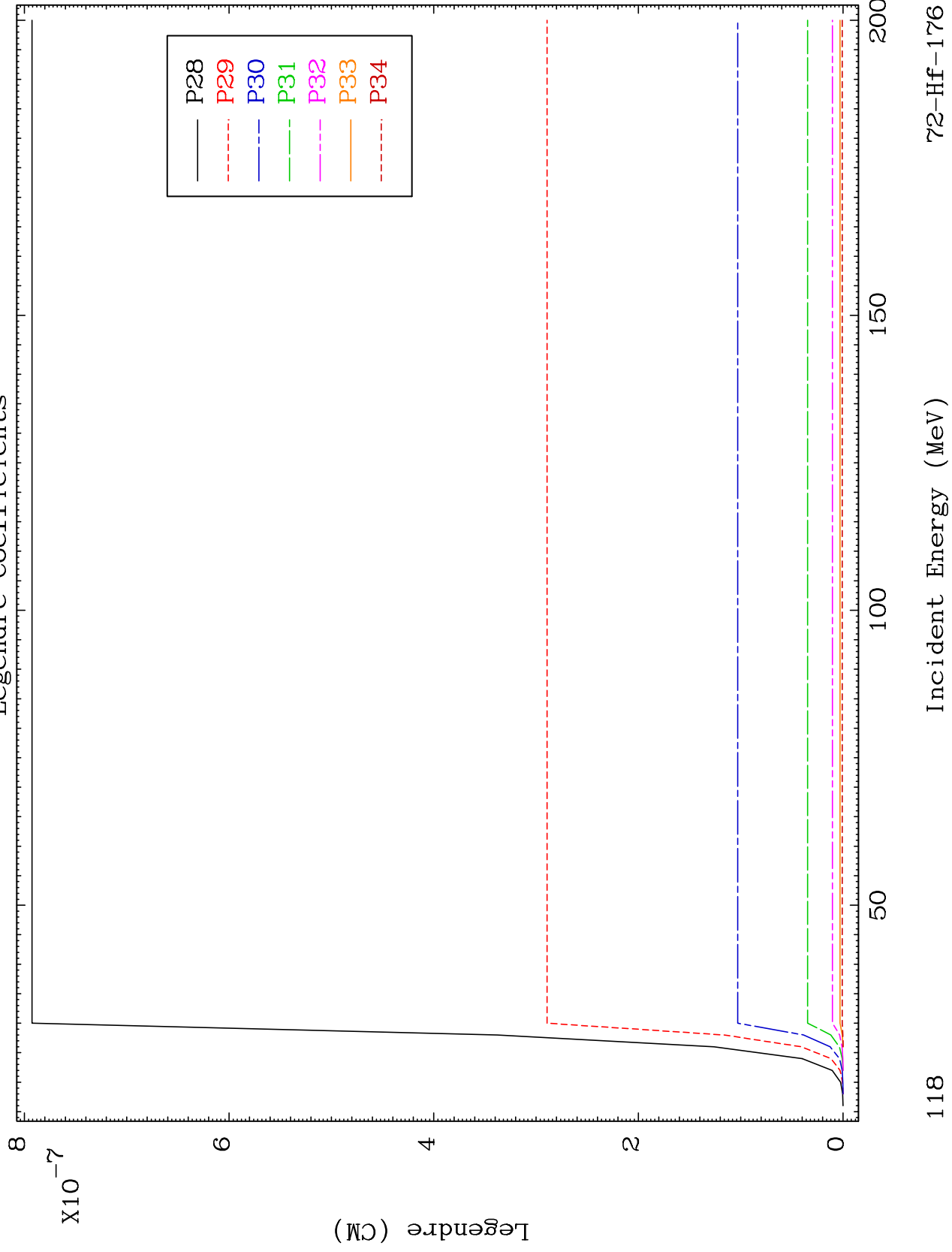
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



118

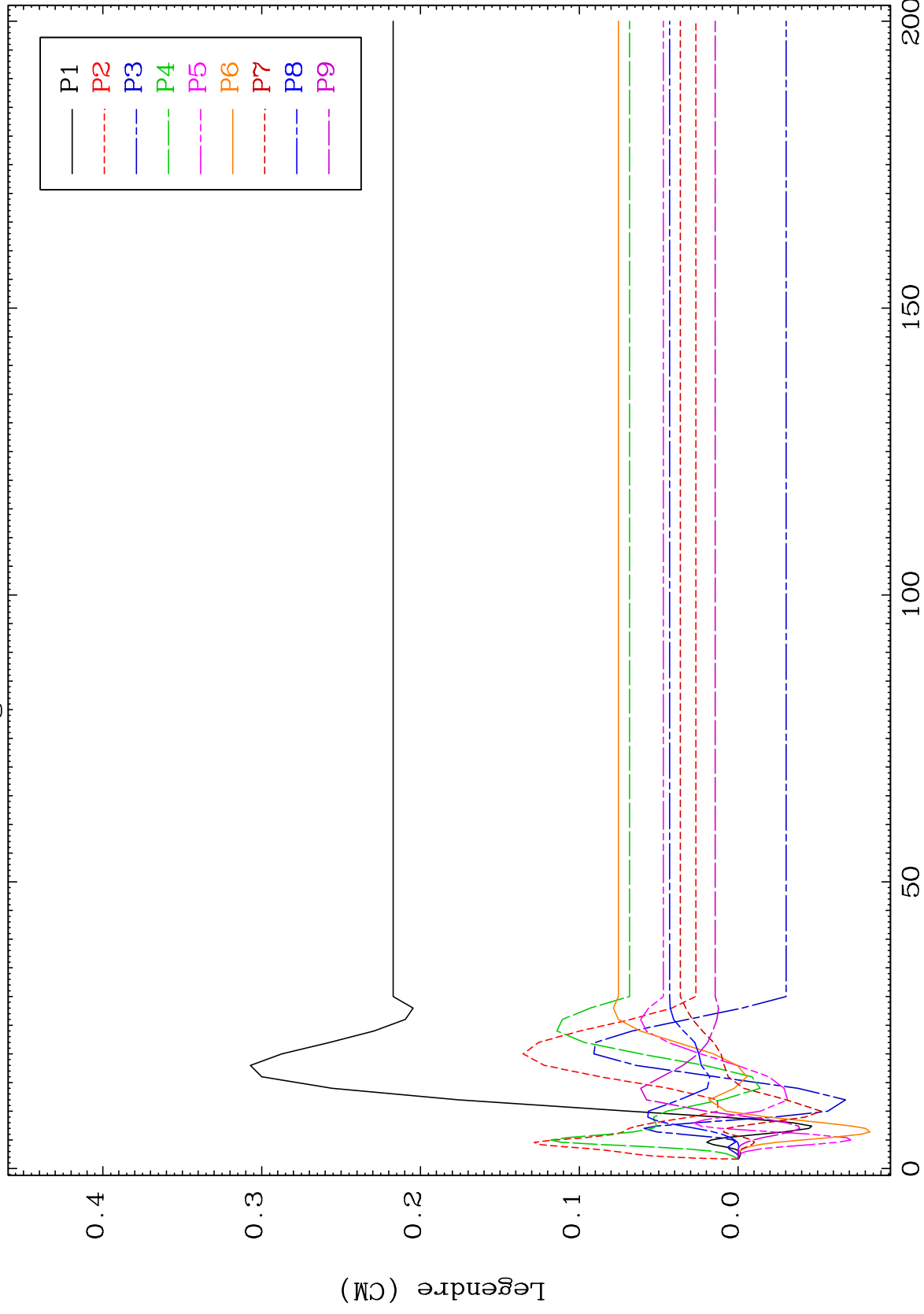
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



119

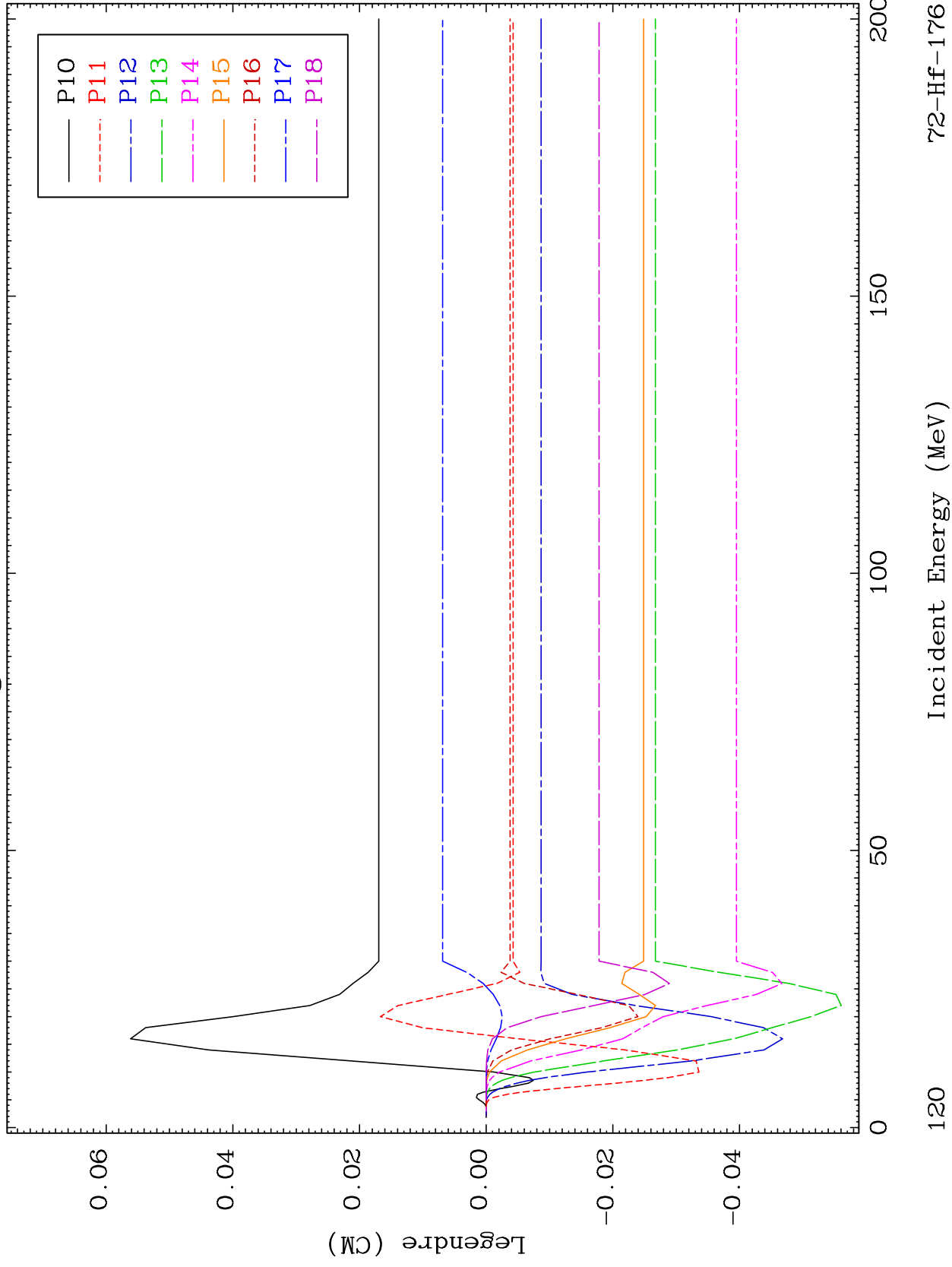
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

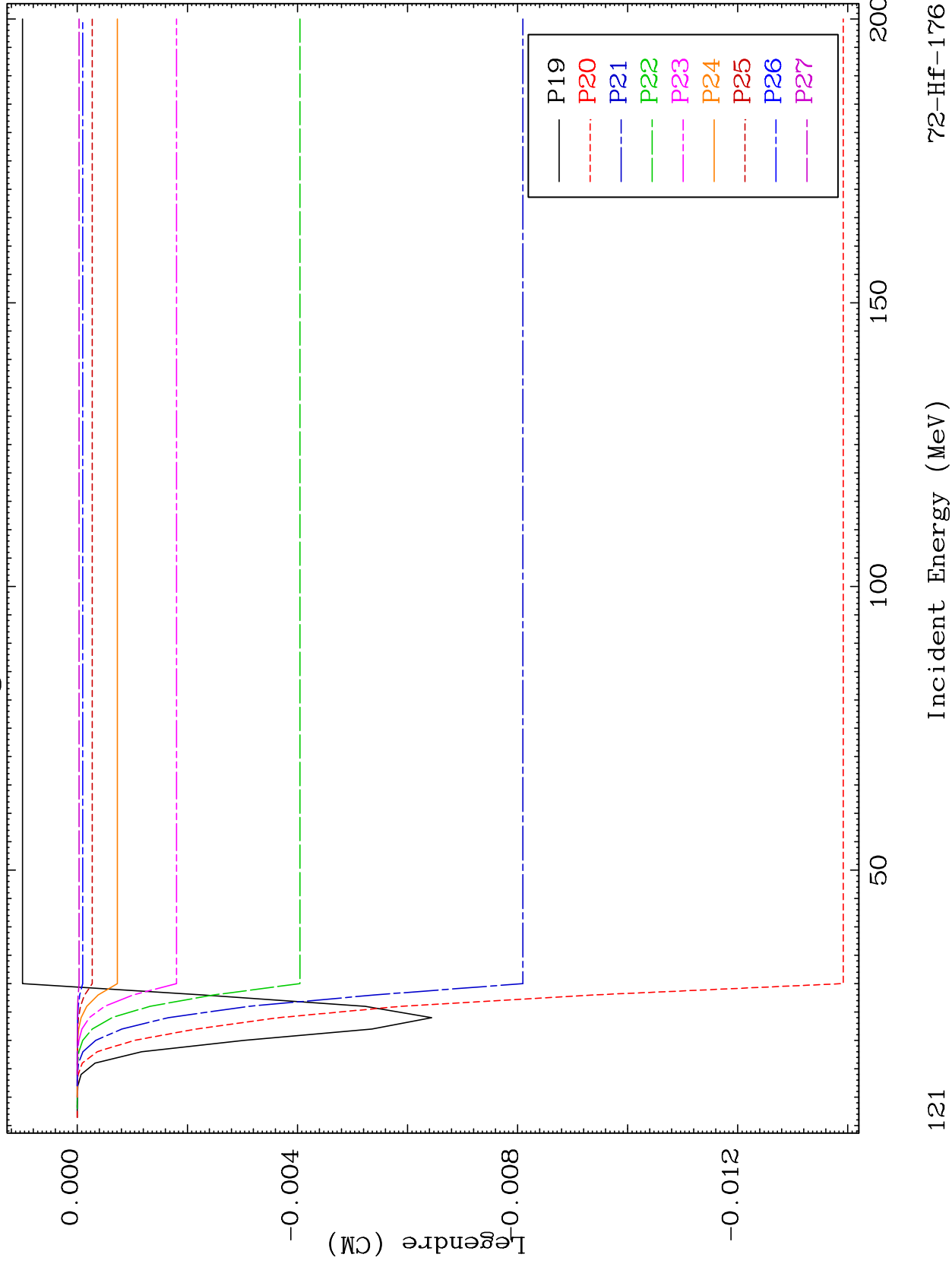
72-Hf-176



MAT 7231

72-Hf-176

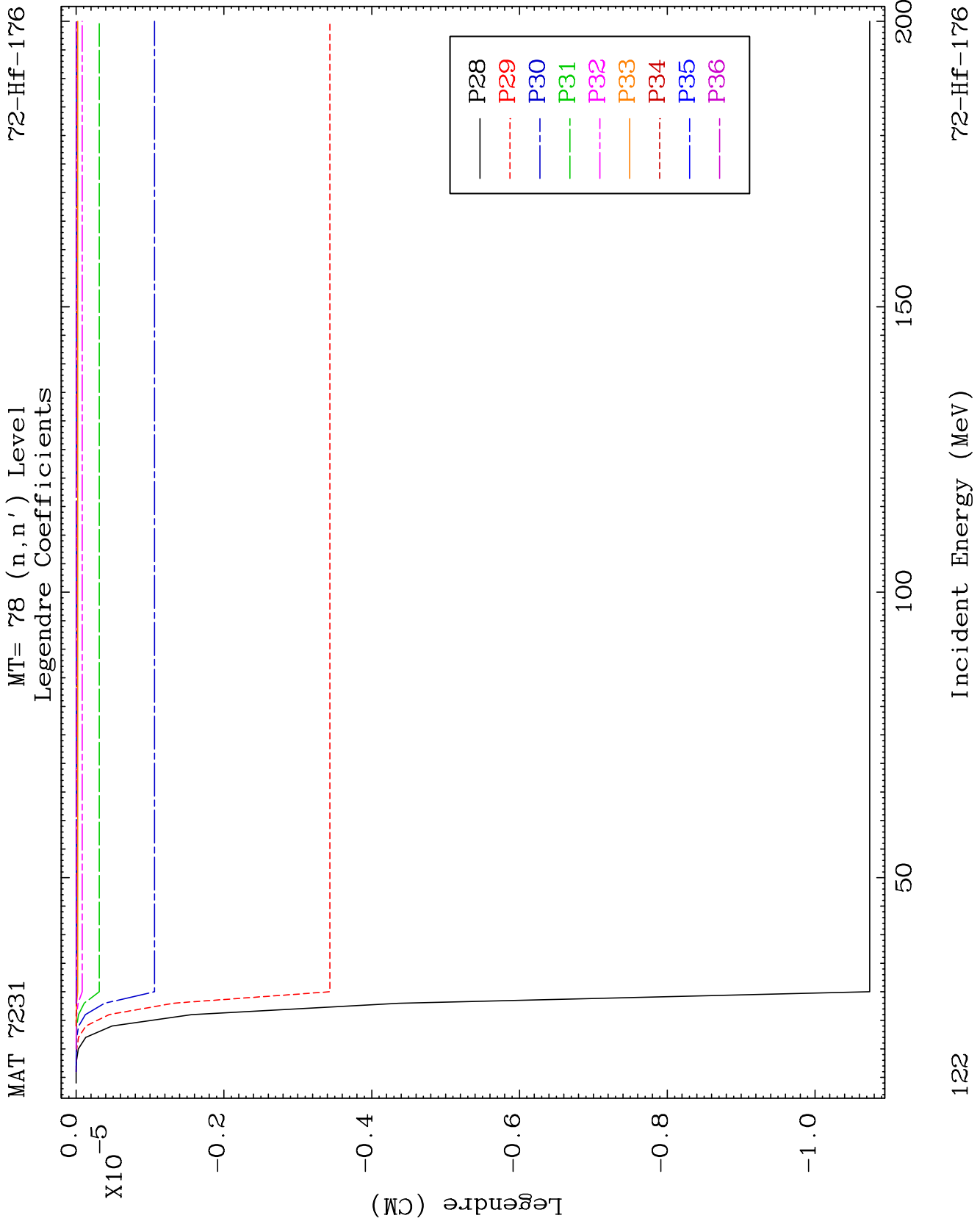
MT= 78 (n,n') Level
Legendre Coefficients



121

Incident Energy (MeV)

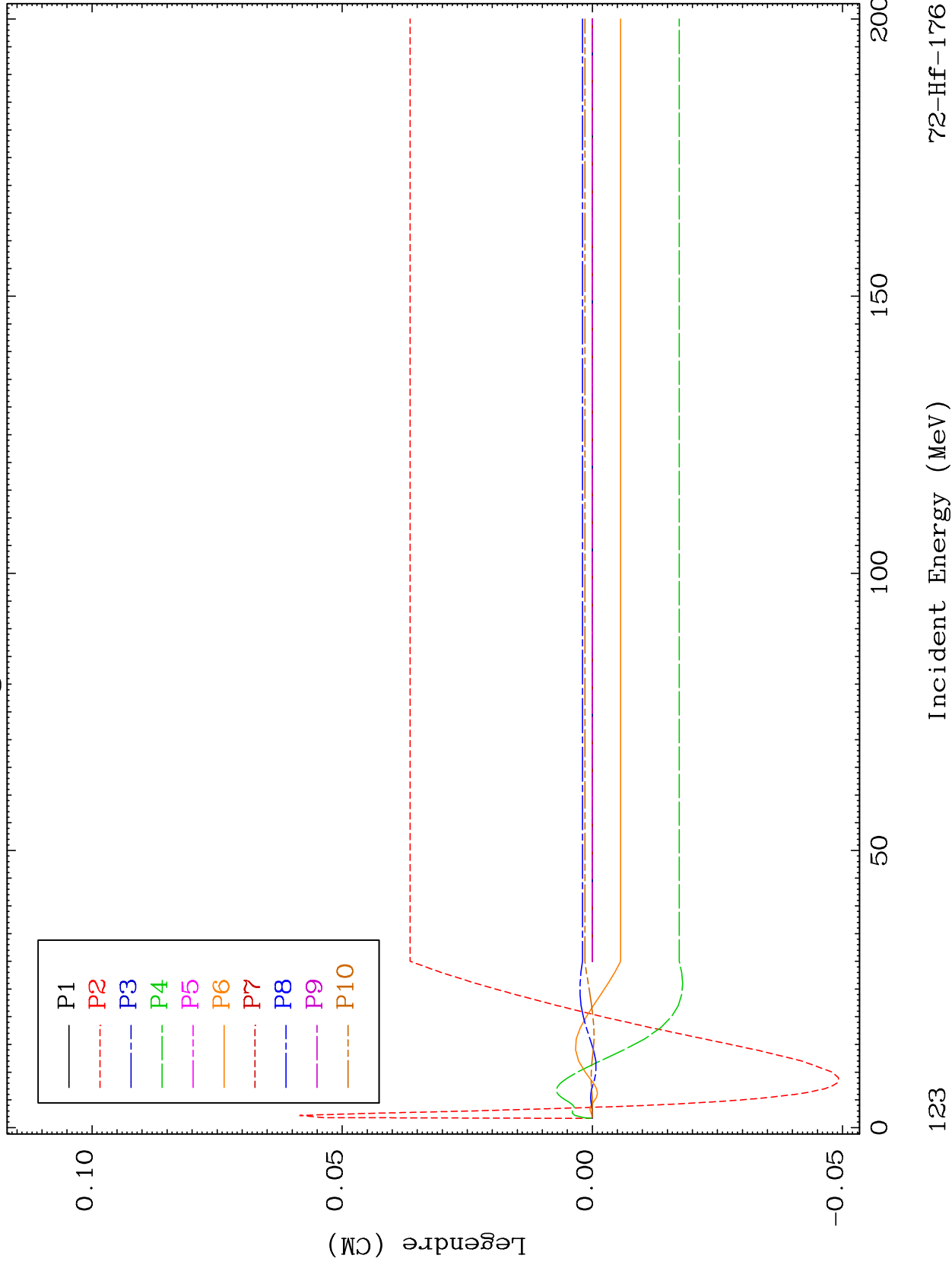
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

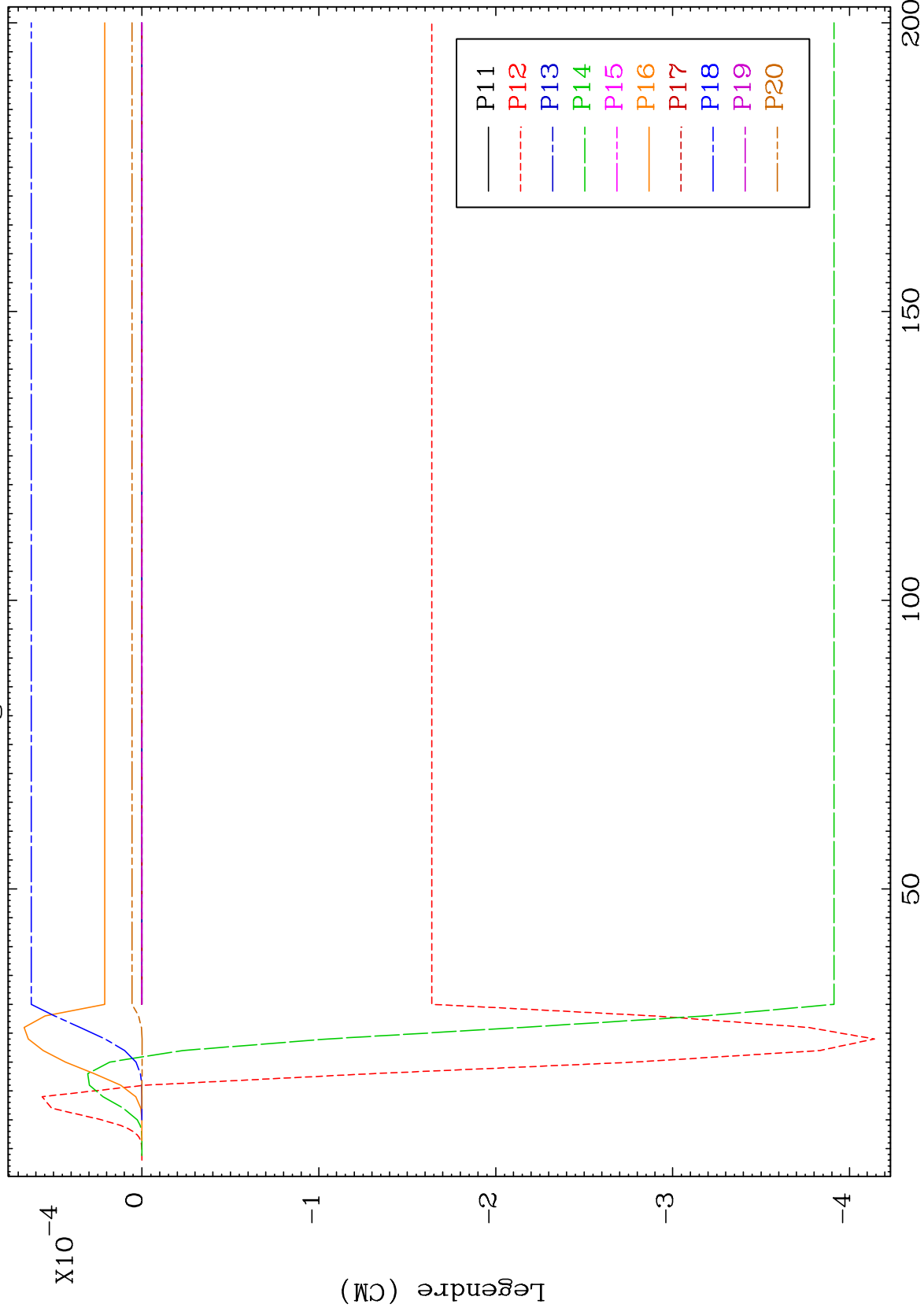
Incident Energy (MeV)

123

MAT 7231

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

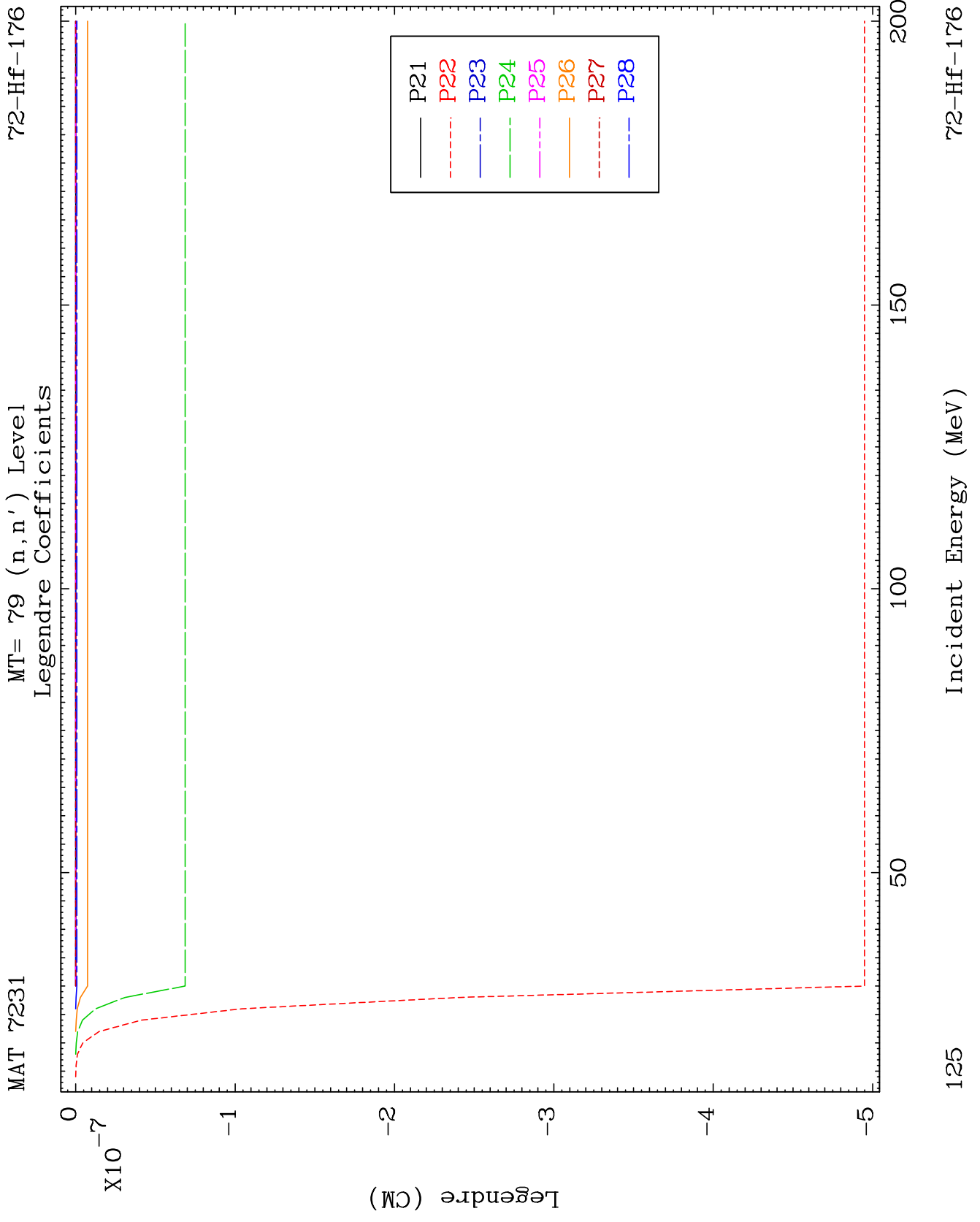
72-Hf-176

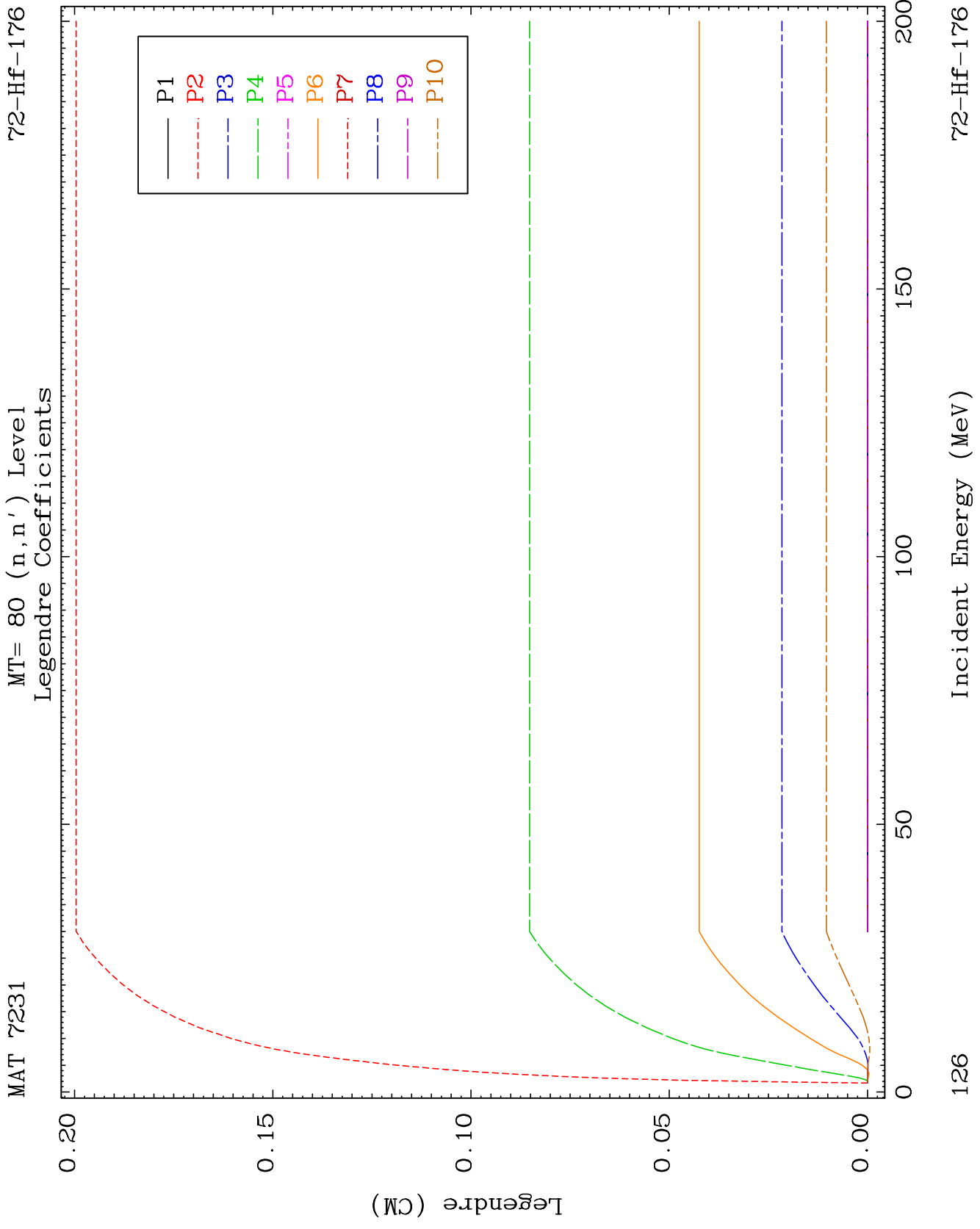


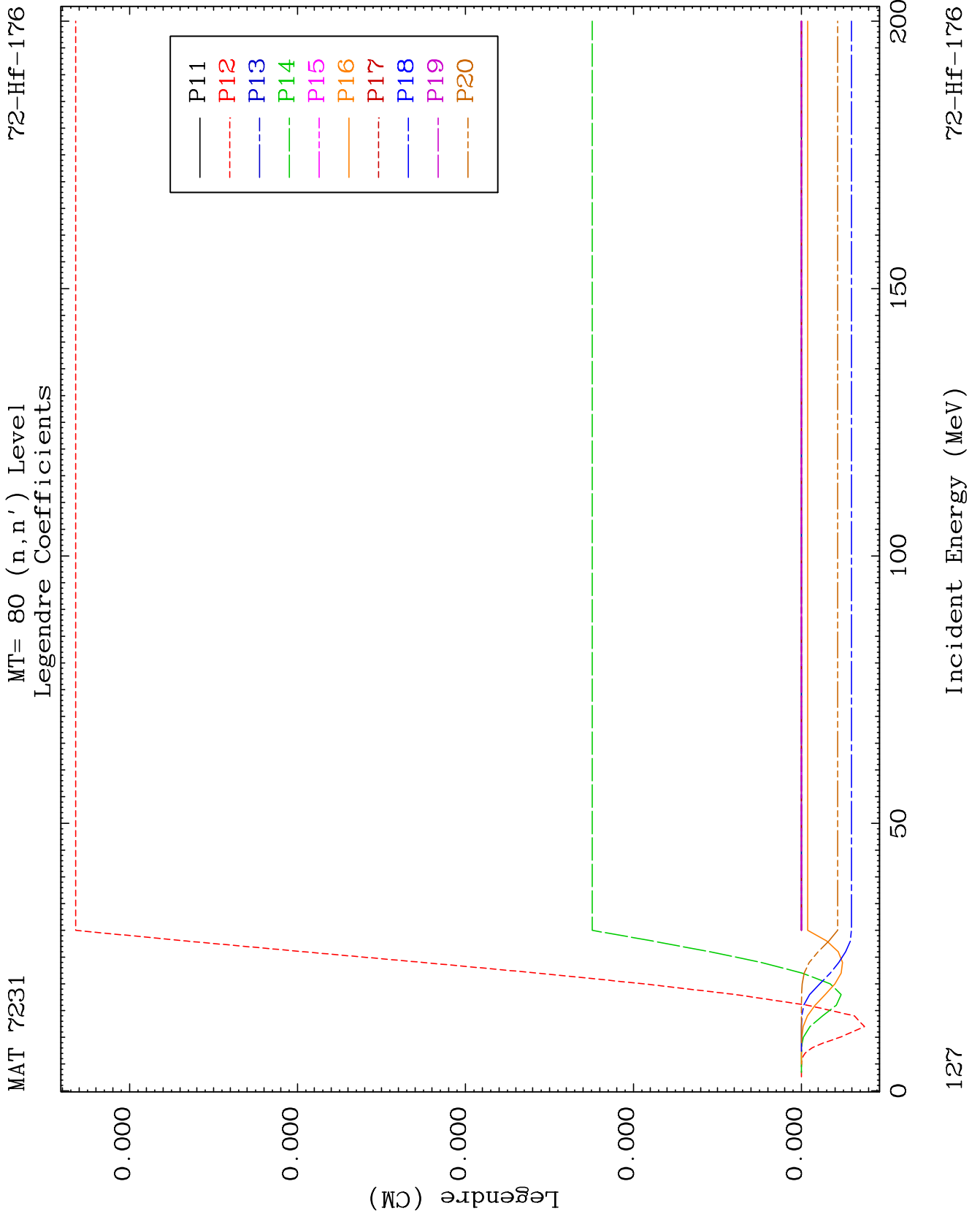
124

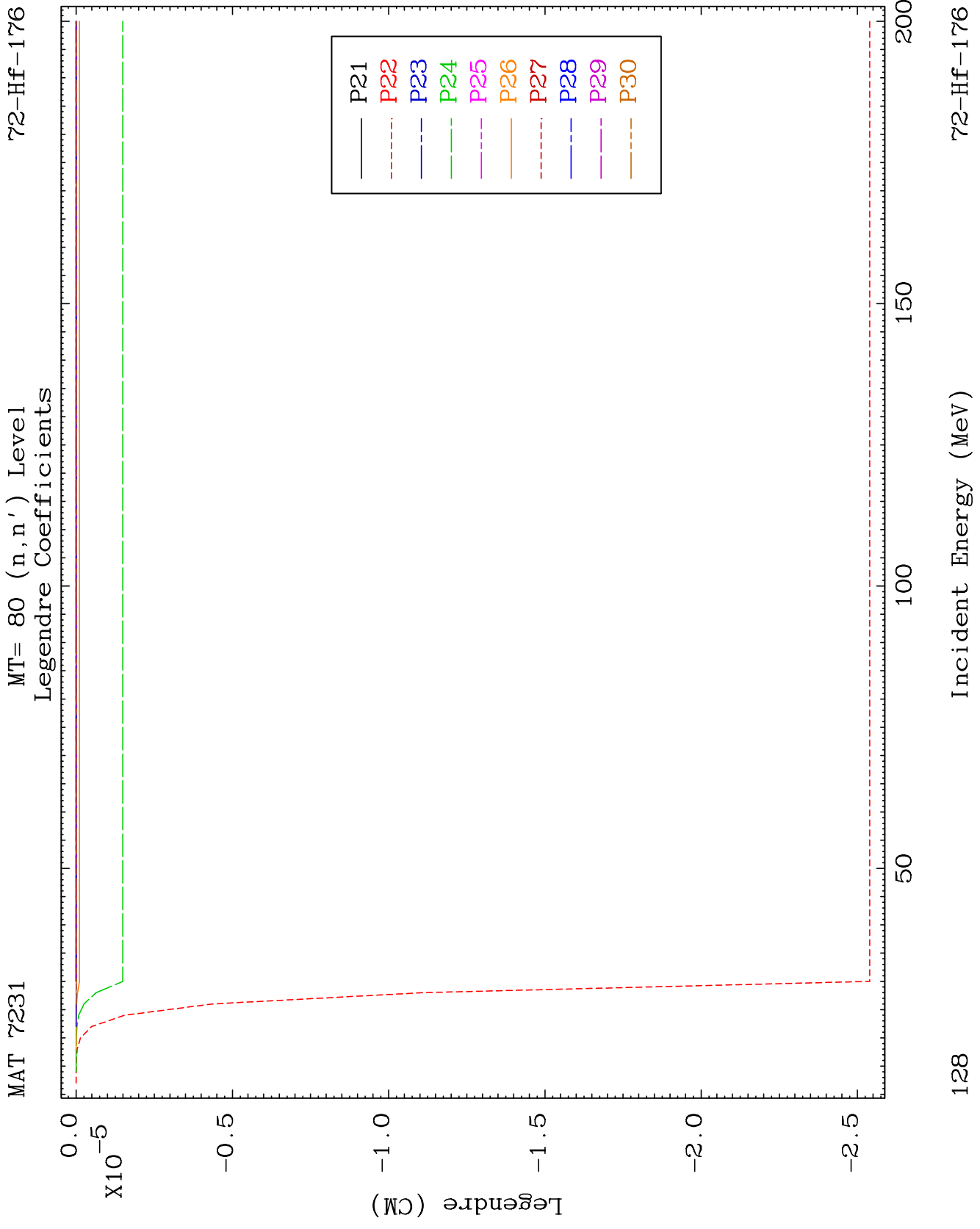
Incident Energy (MeV)

72-Hf-176

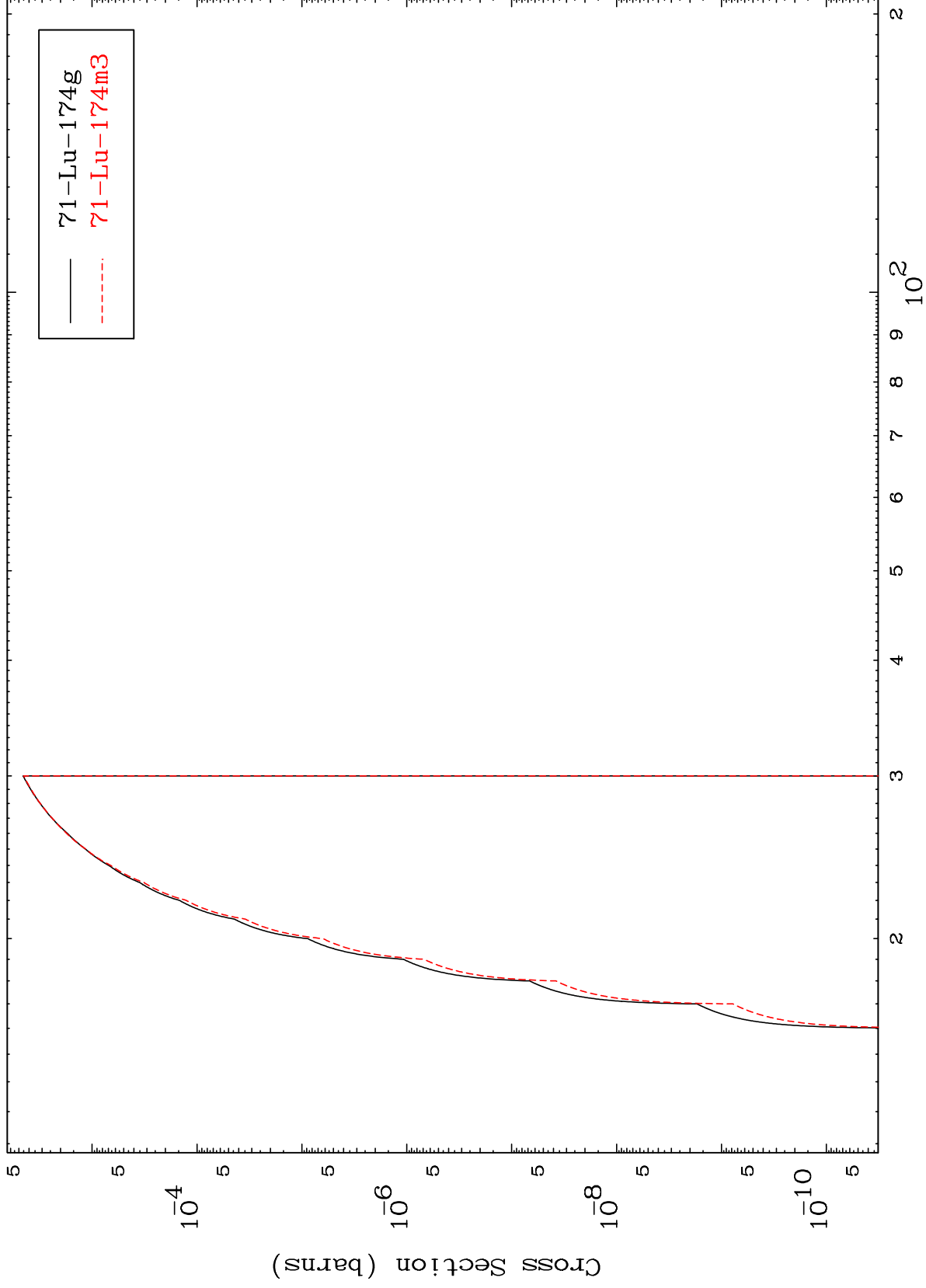








Radionuclide Production Cross Section

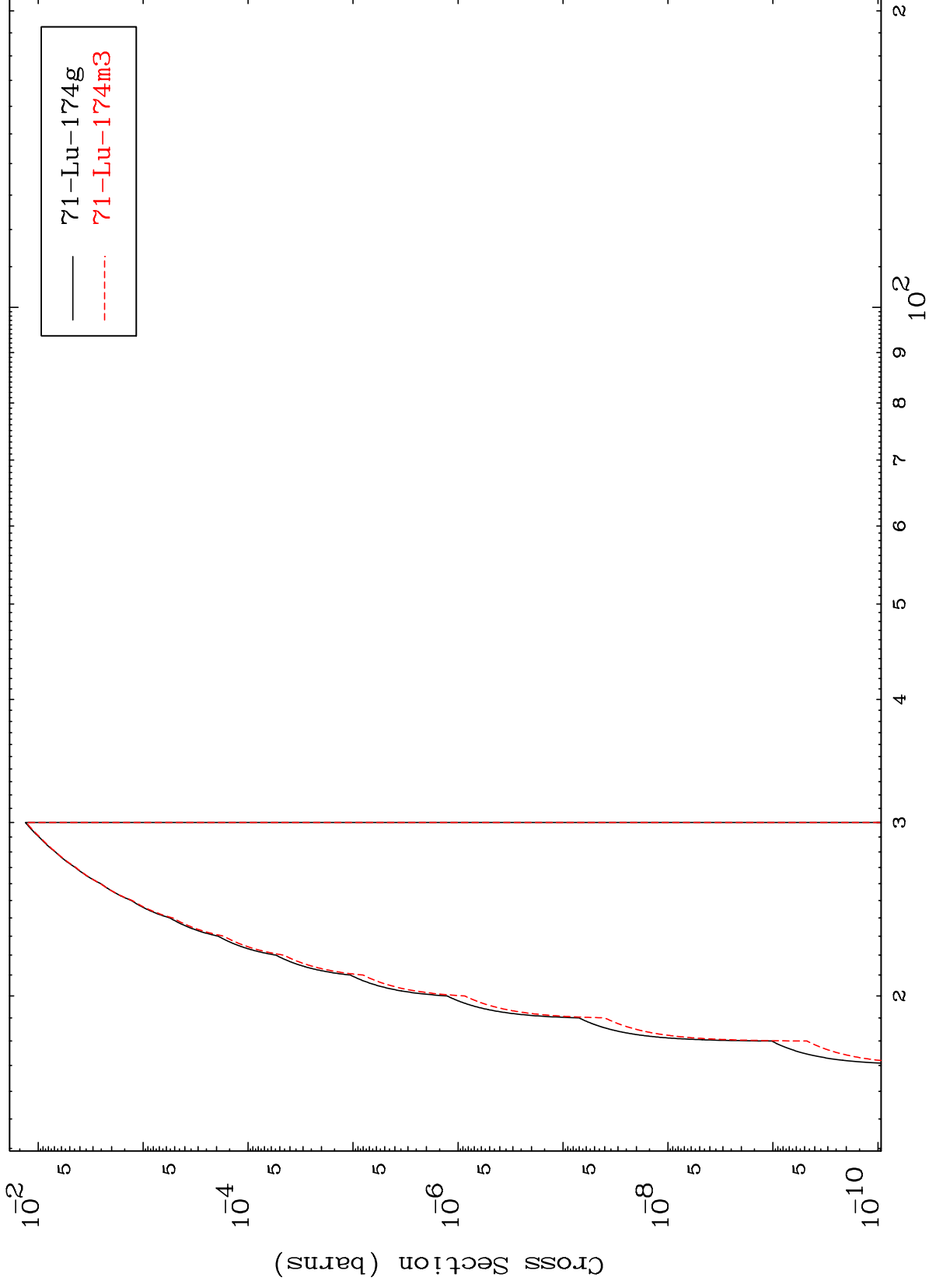


MAT 7231

(n,2n) p

72-Hf-176

Radionuclide Production Cross Section



130

Incident Energy (MeV)

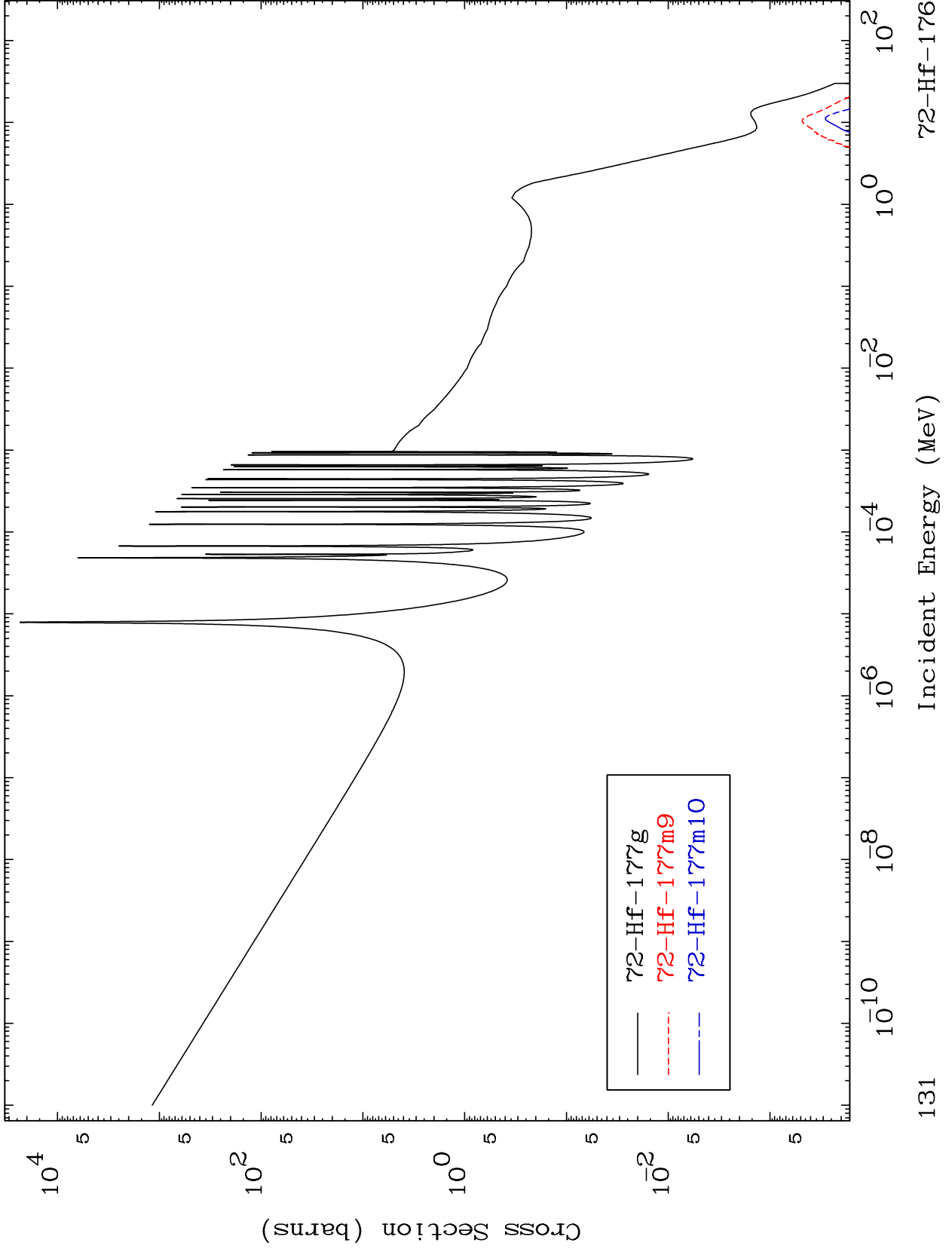
72-Hf-176

MAT 7231

72-Hf-176

Radionuclide Production Cross Section

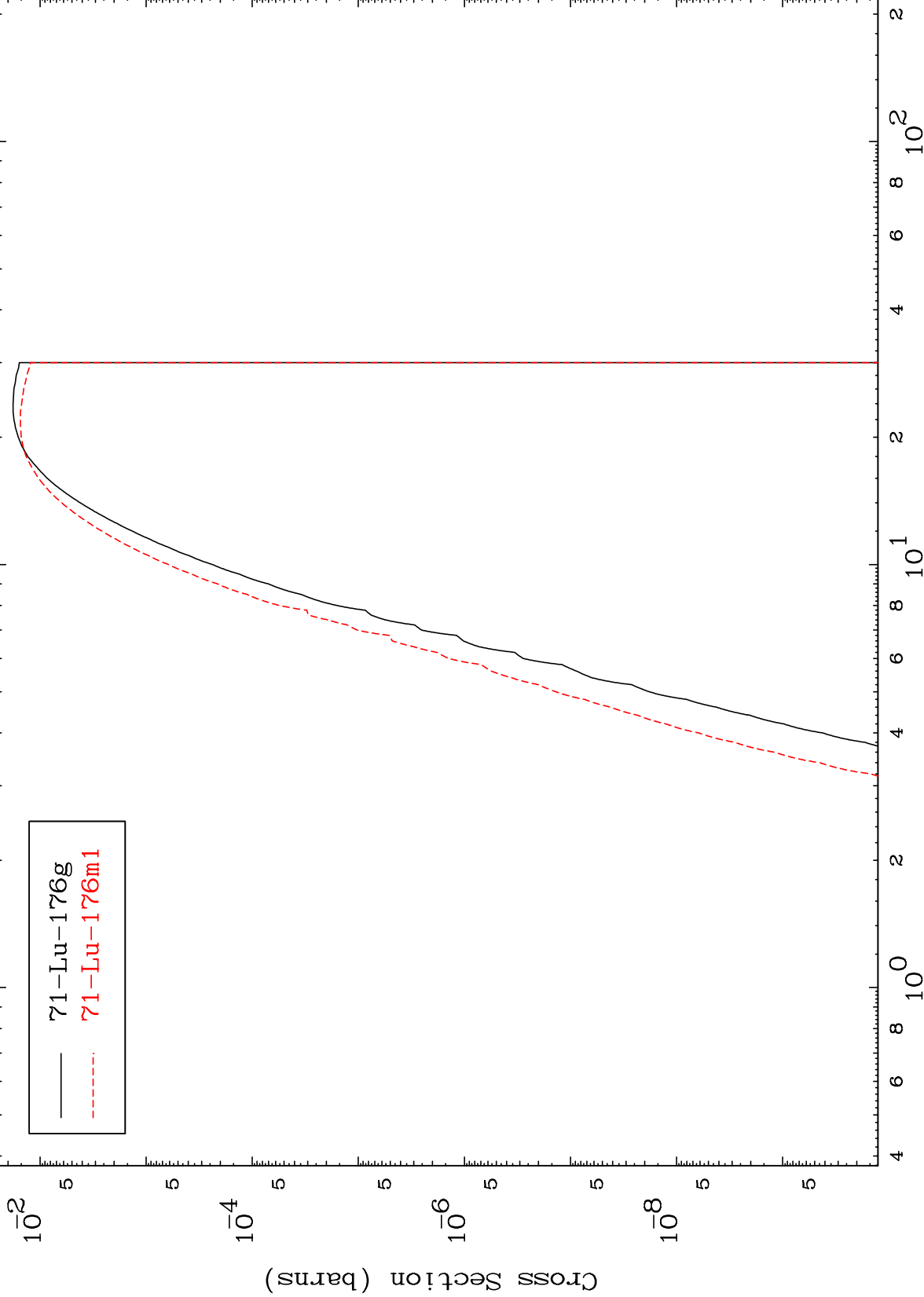
(n,γ)



MAT 7231

72-Hf-176

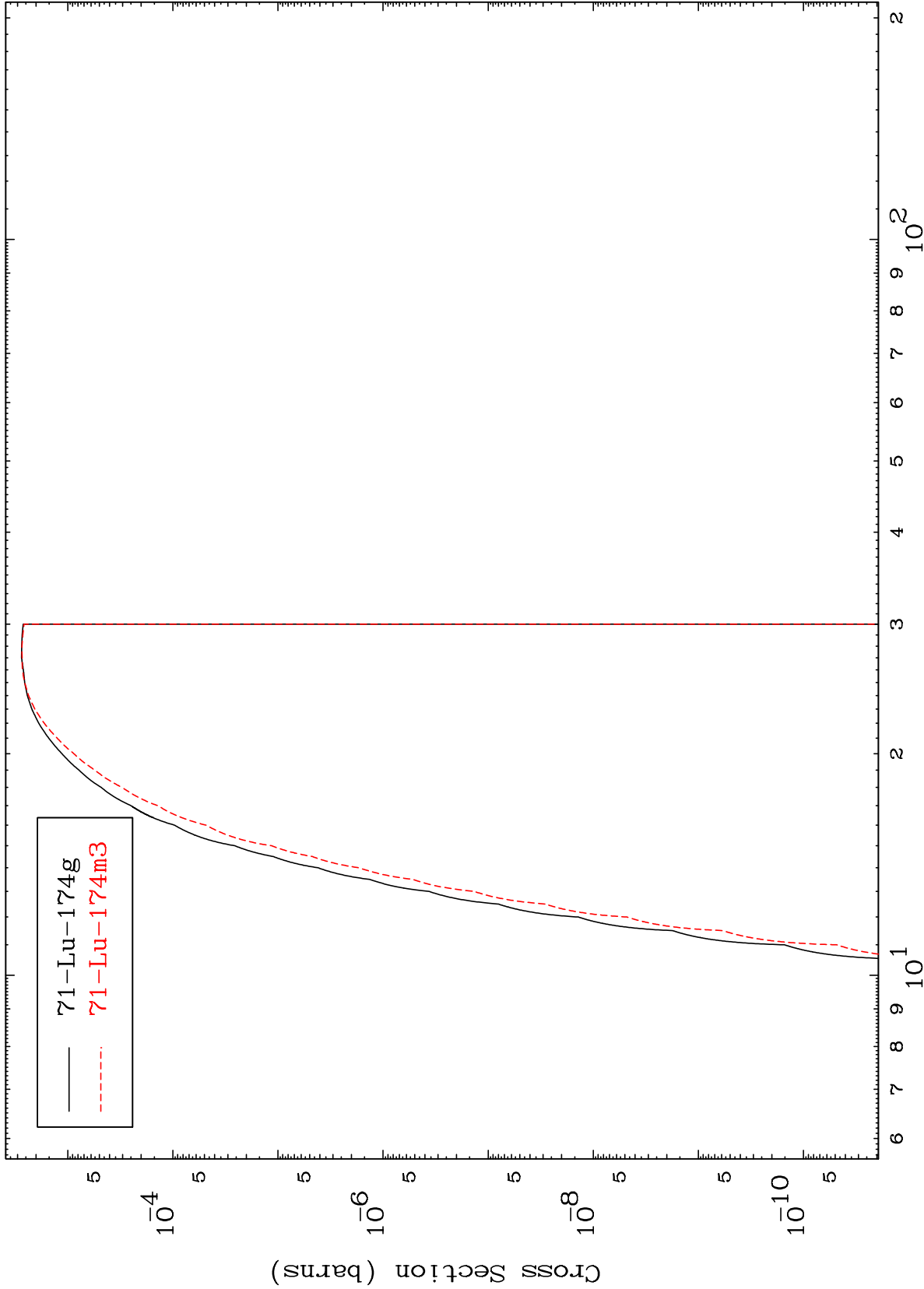
(n,p)
Radionuclide Production Cross Section



MAT 7231

72-Hf-176

(n, t)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

72-Hf-176