

Program EVALPLOT
(Version 2017-1)

by

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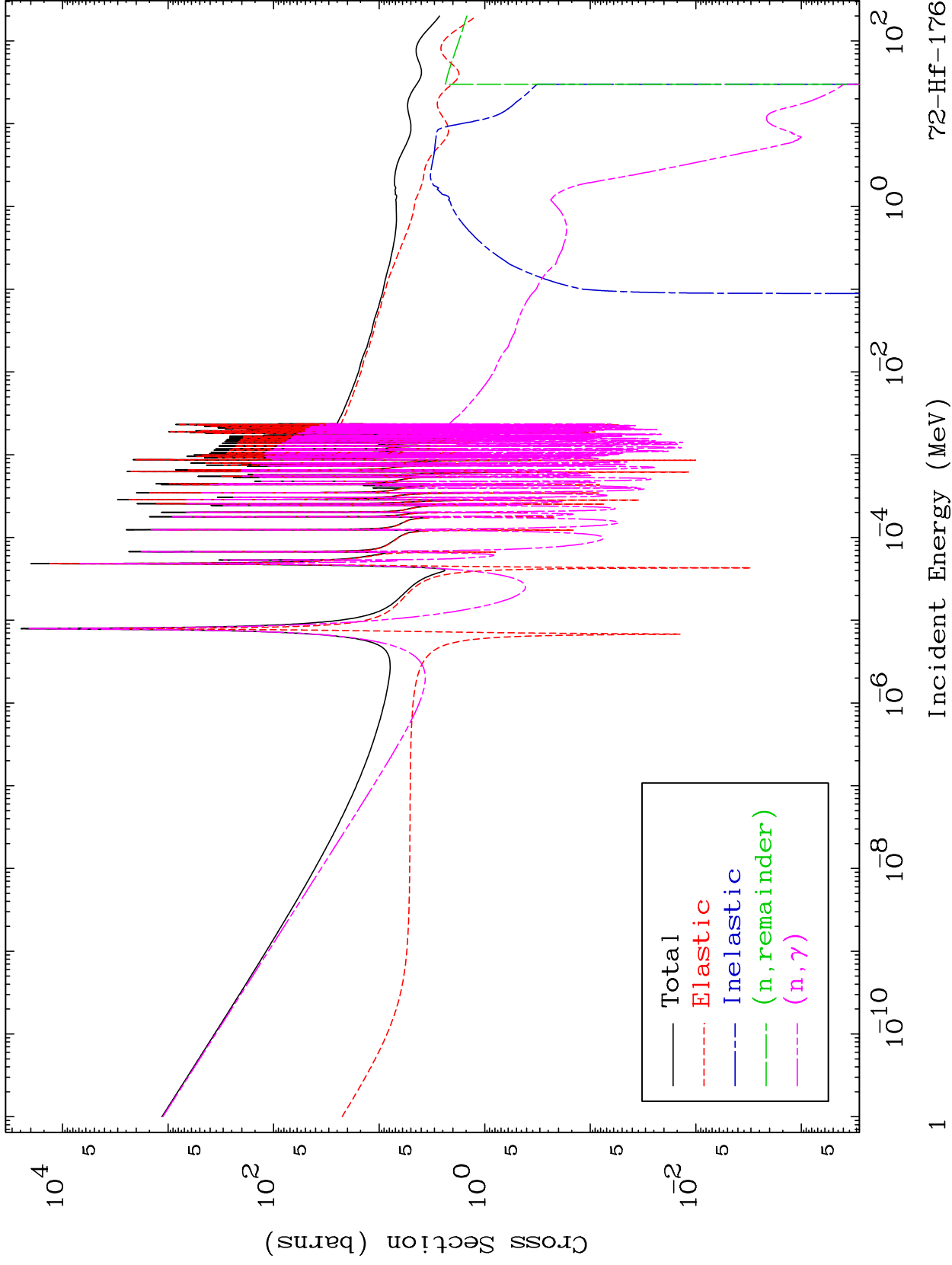
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Press Mouse Button to Start

MAT 7231

Major
293 Kelvin Cross Sections

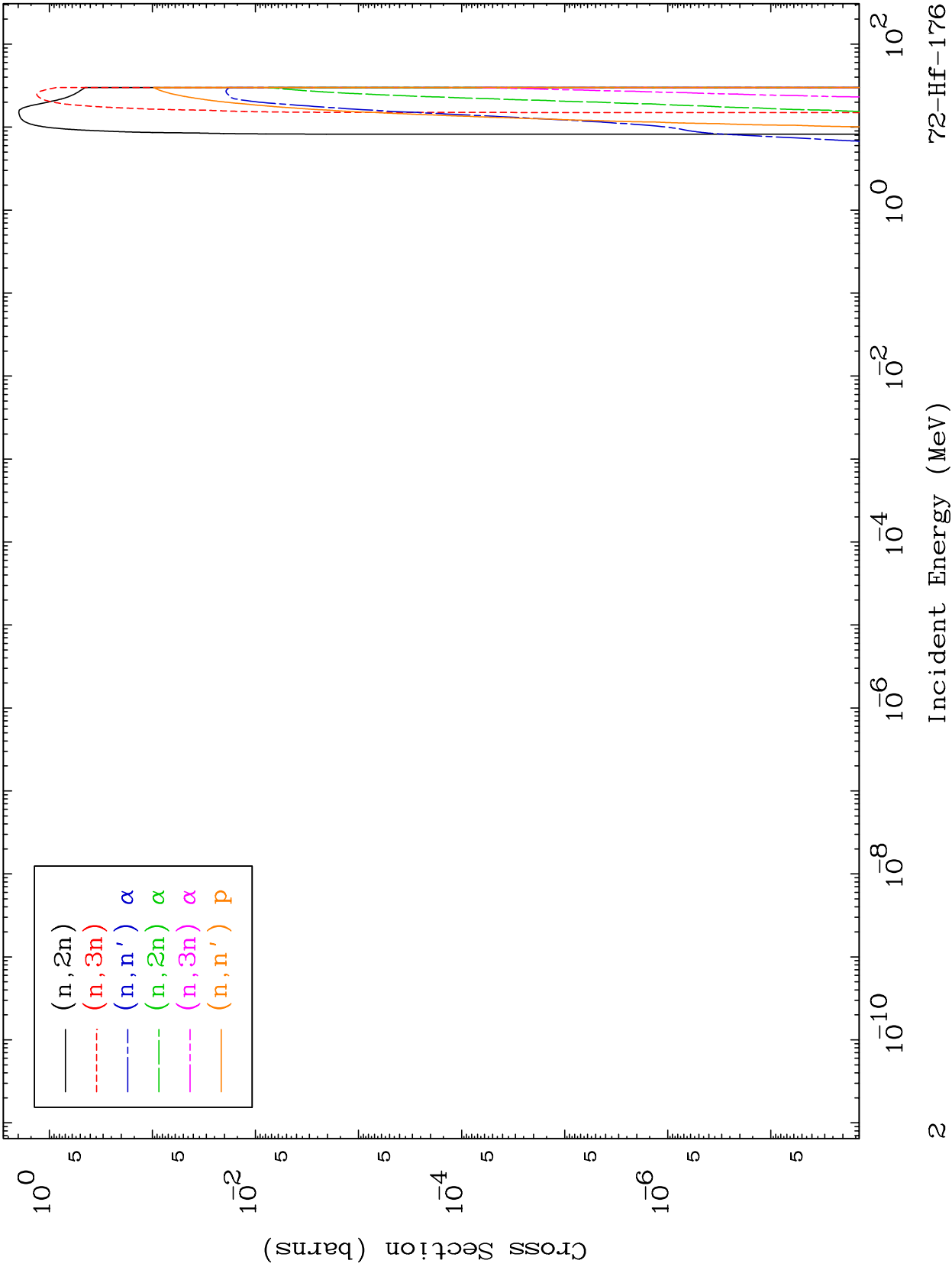
72-Hf-176

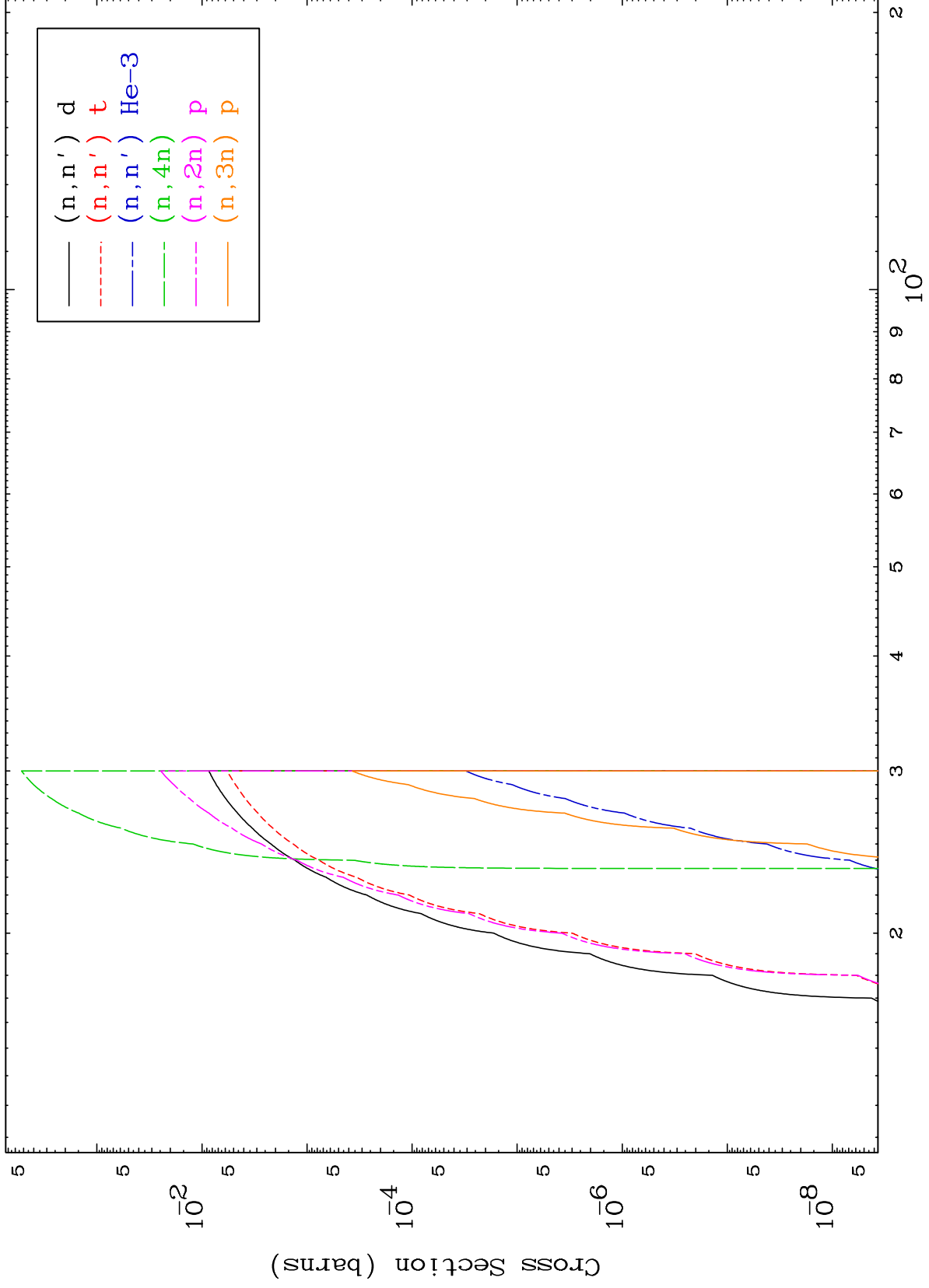


MAT 7231

Neutron Production
293 Kelvin Cross Sections

72-Hf-176

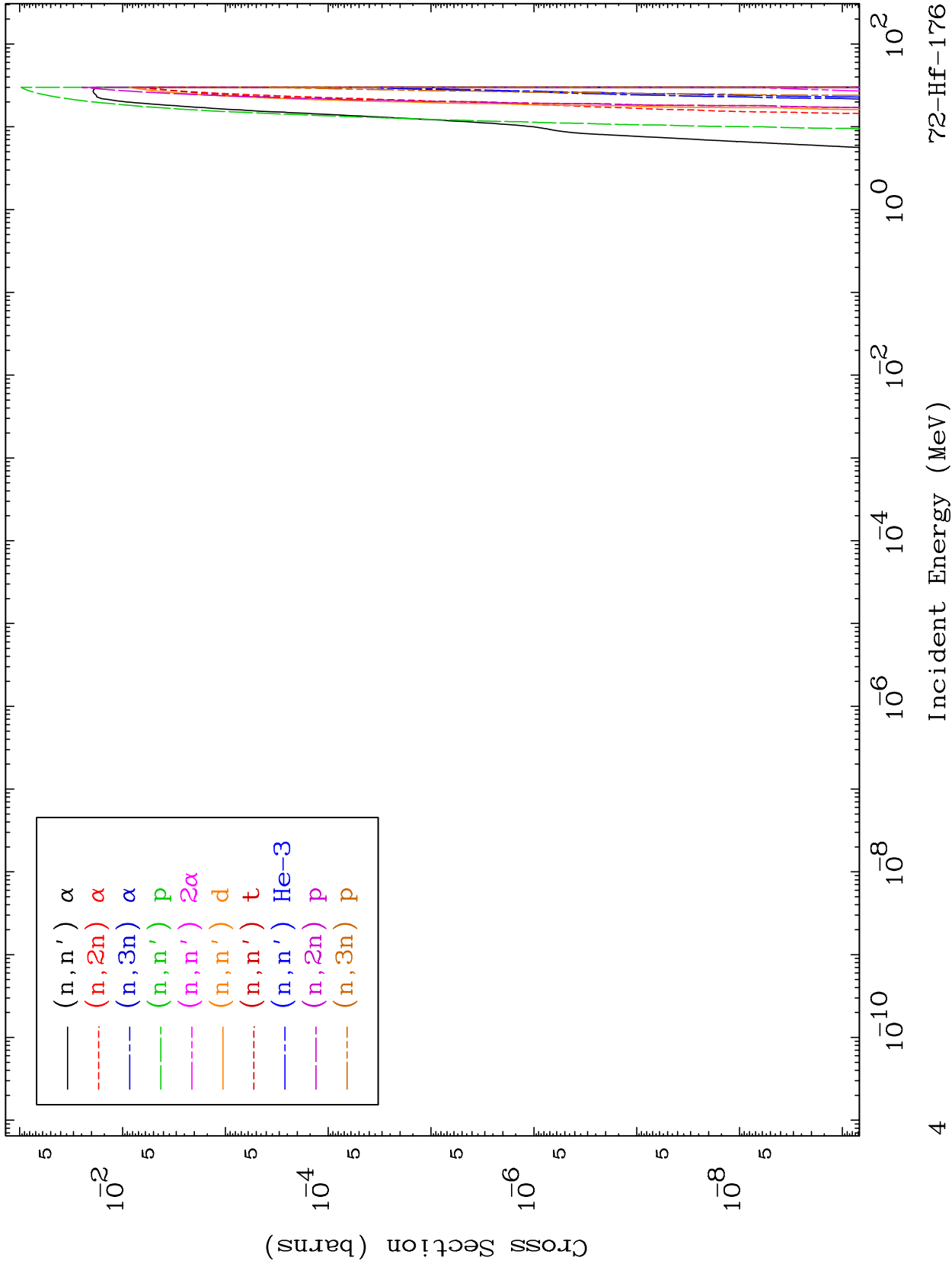




MAT 7231

Charged Particle
293 Kelvin Cross Sections

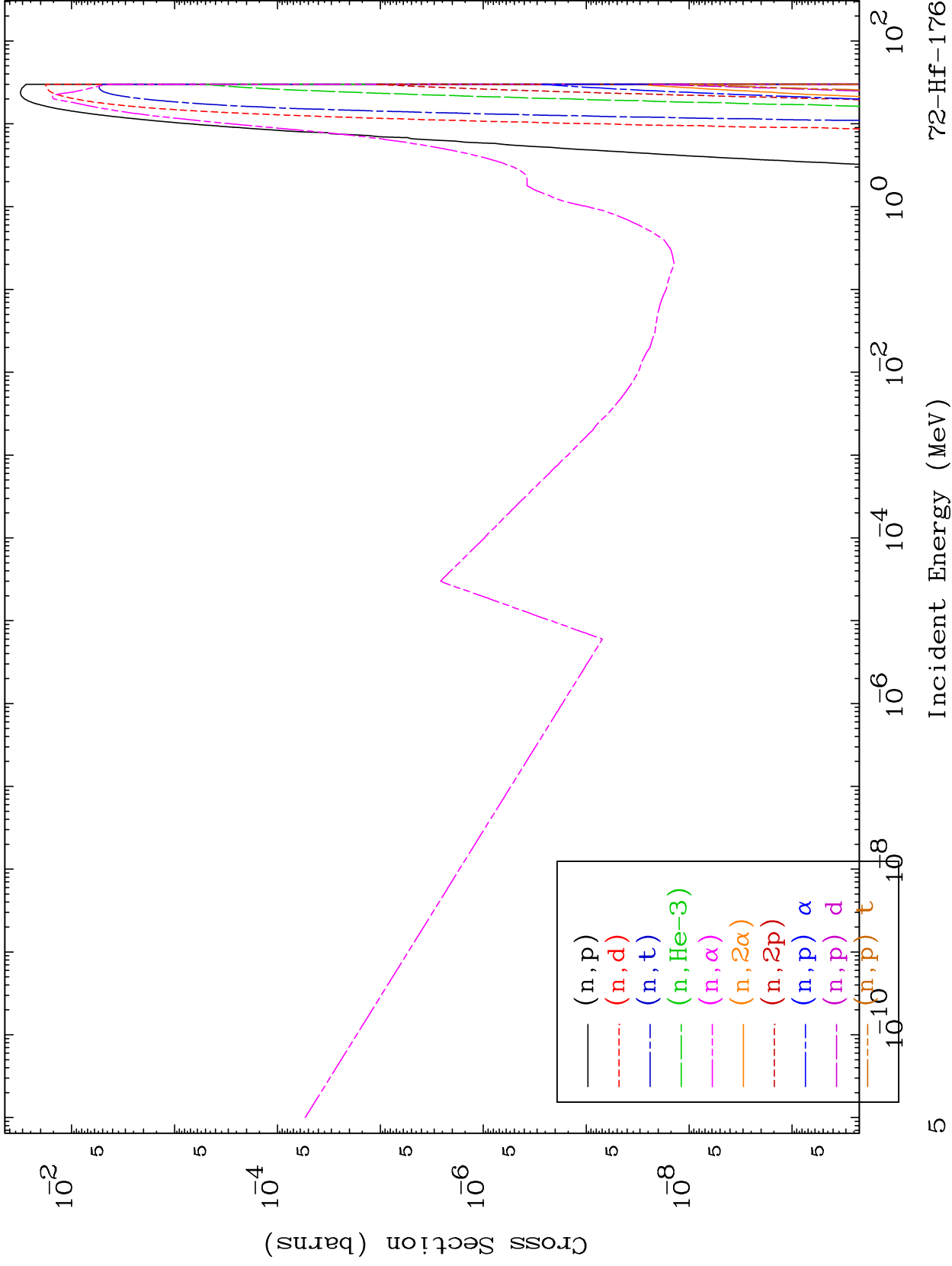
72-Hf-176

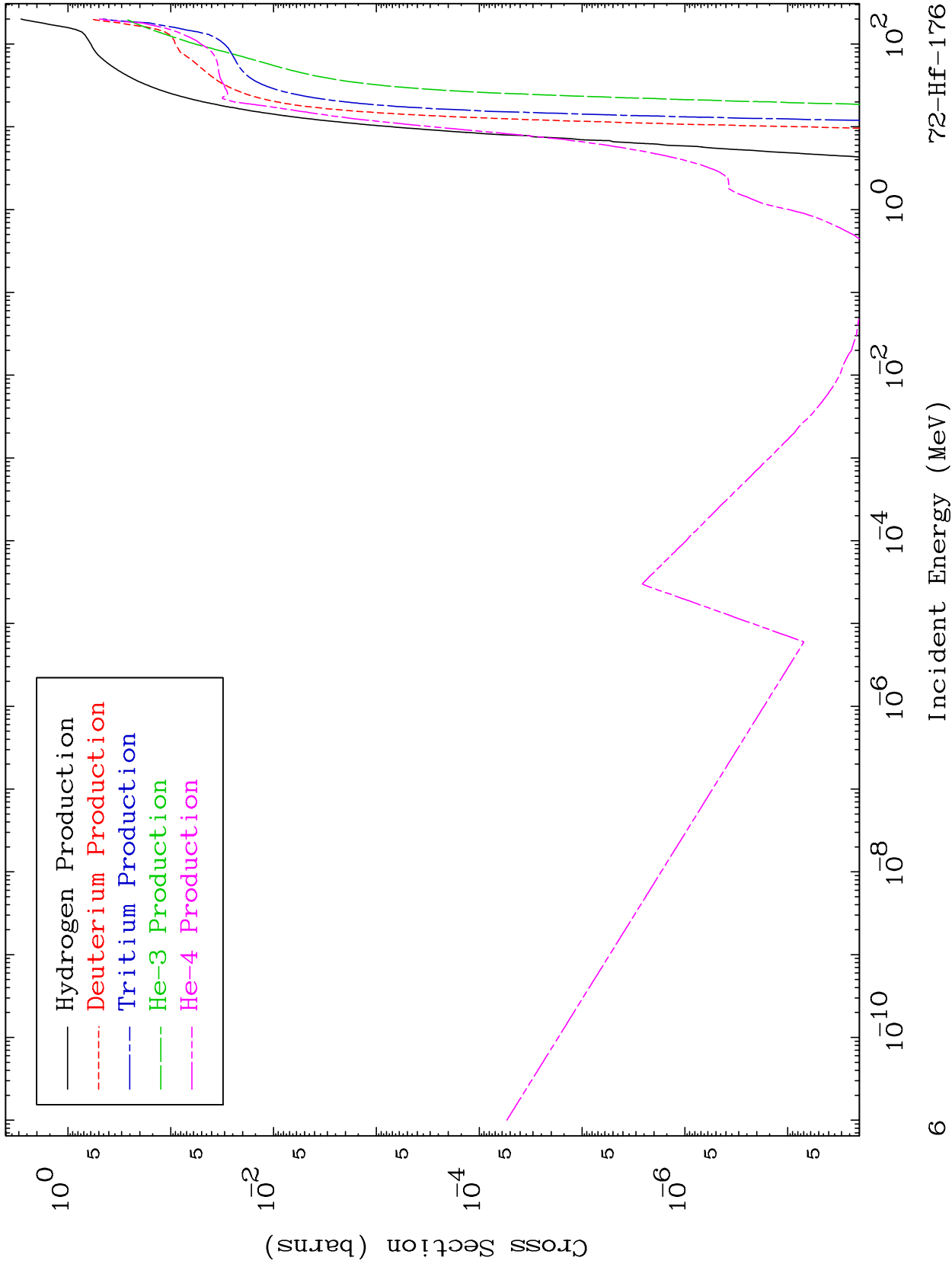


MAT 7231

Charged Particle
293 Kelvin Cross Sections

72-Hf-176



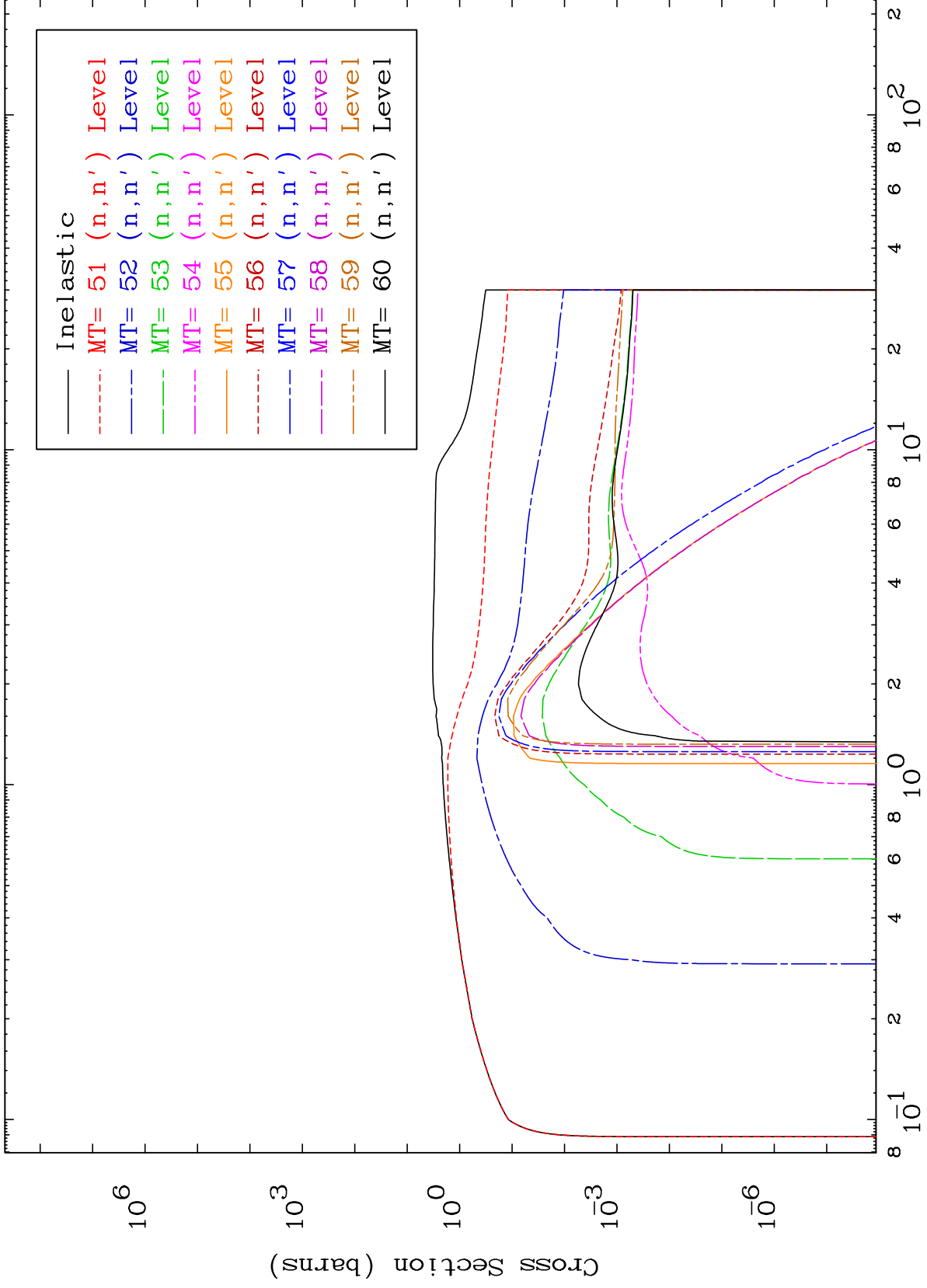


MAT 7231

(n,n') Level

72-Hf-176

293 Kelvin Cross Sections



Incident Energy (MeV)

72-Hf-176

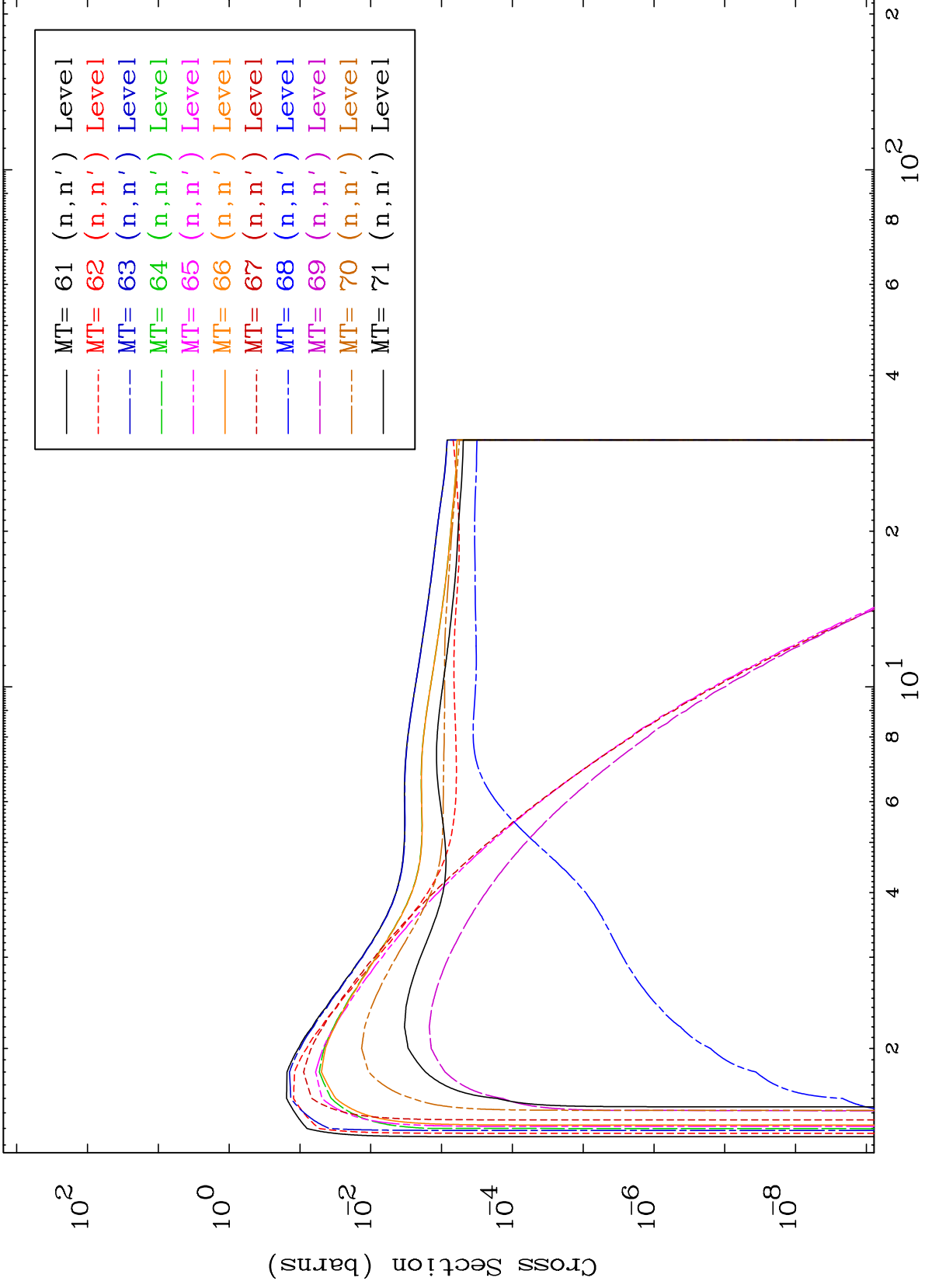
7

MAT 7231

(n,n') Level

72-Hf-176

293 Kelvin Cross Sections



8

Incident Energy (MeV)

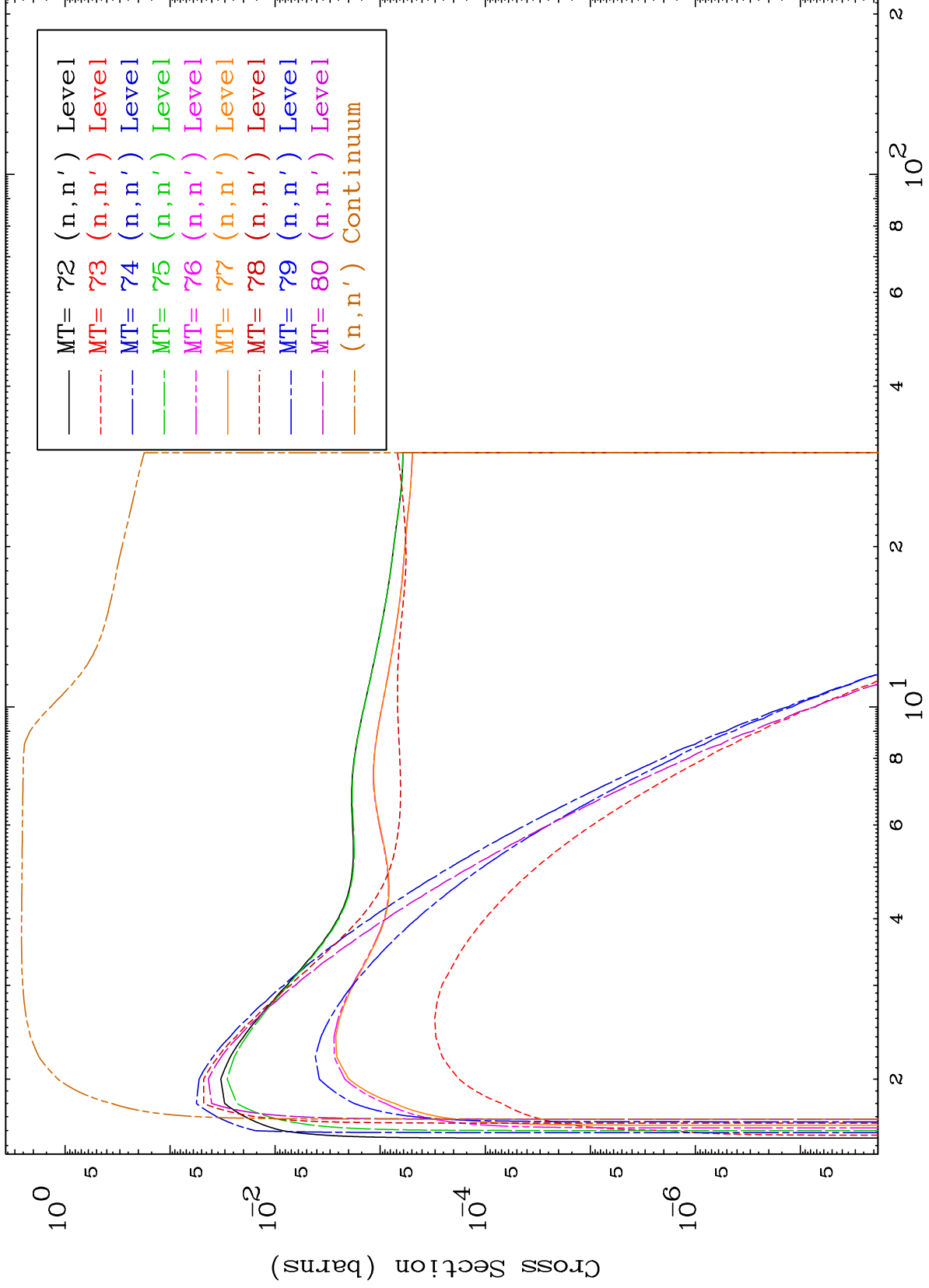
72-Hf-176

MAT 7231

(n,n') Level

72-Hf-176

293 Kelvin Cross Sections



9

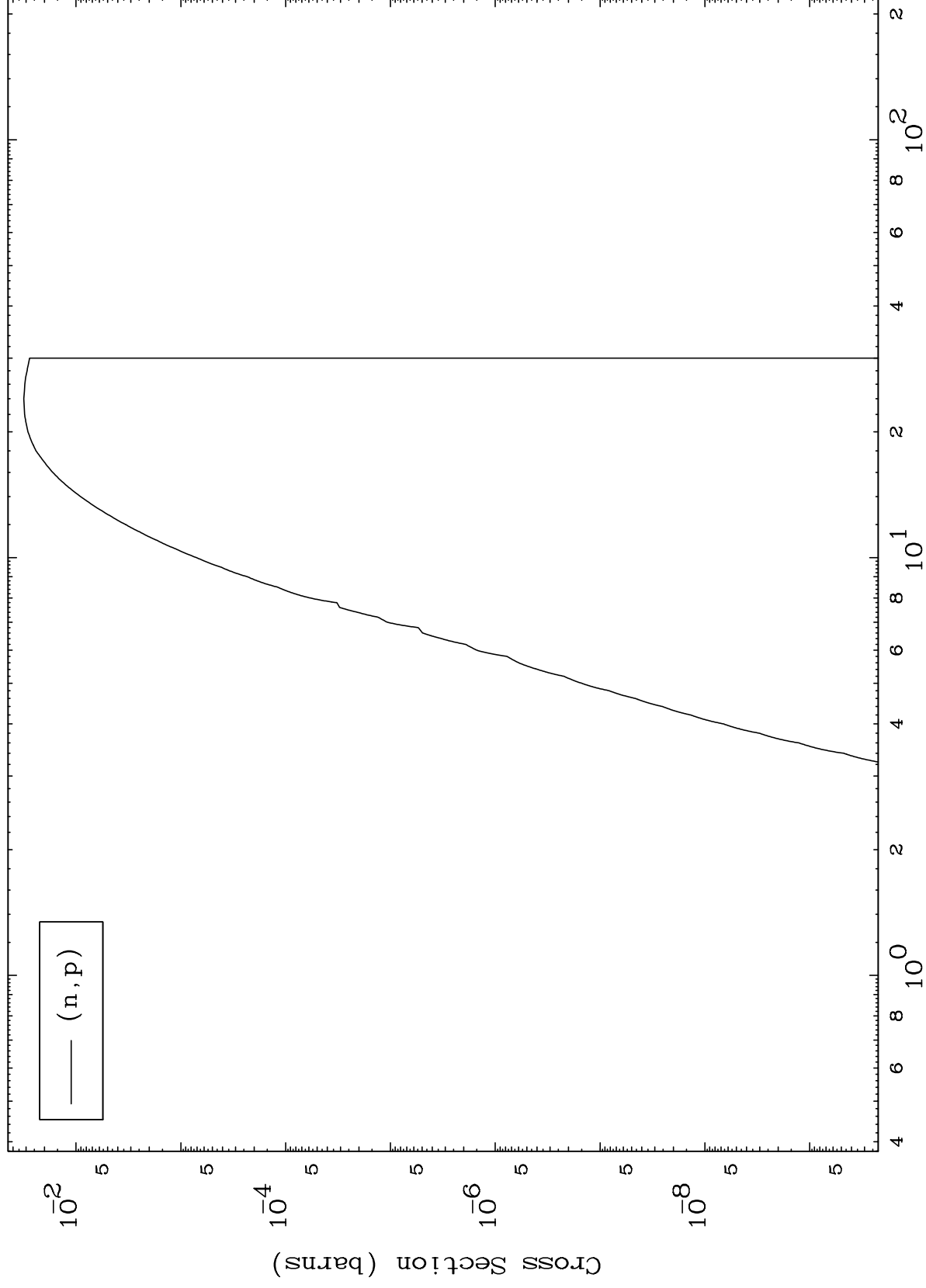
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-176



10

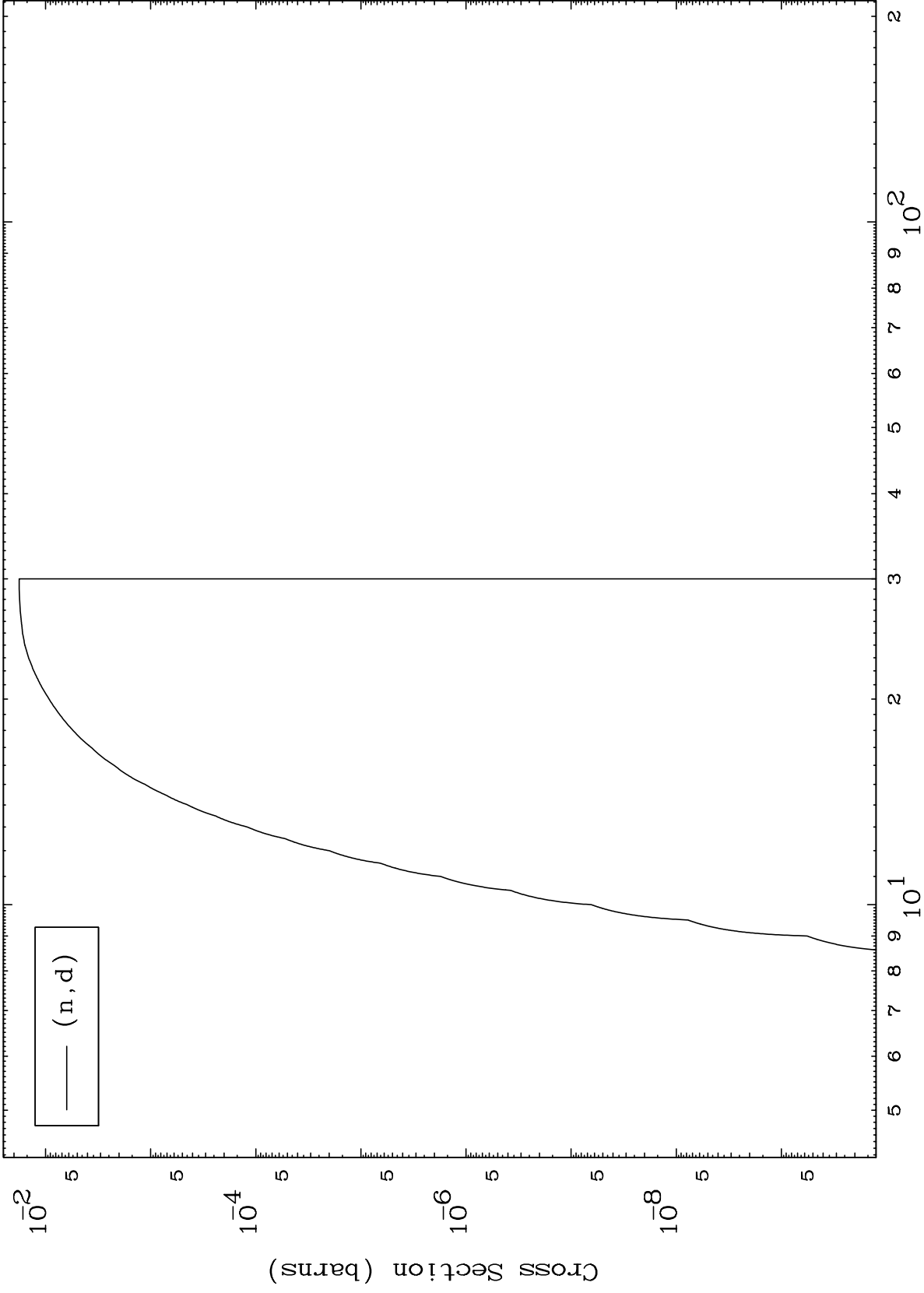
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-176



11

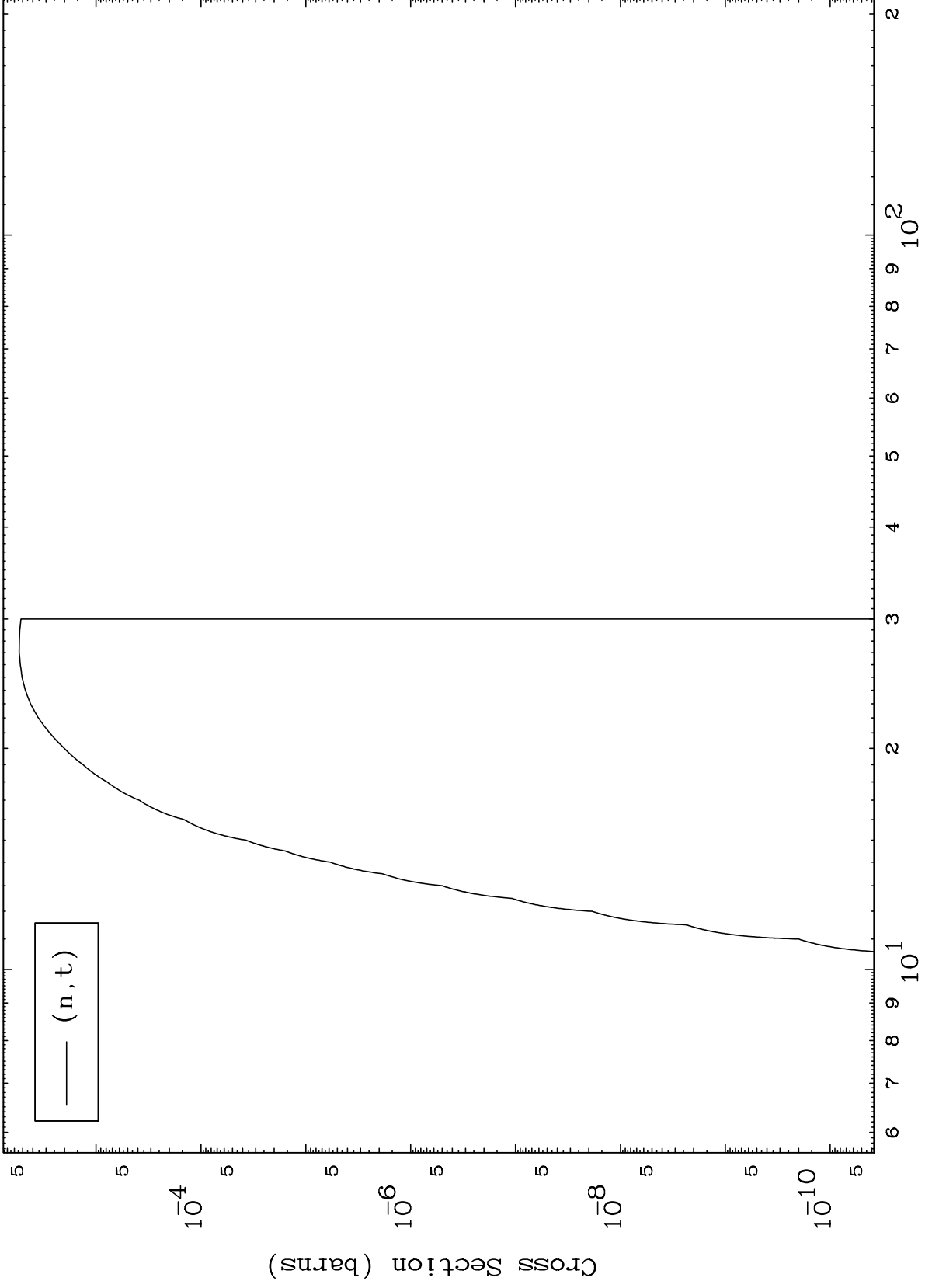
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n, t) Levels
293 Kelvin Cross Sections

72-Hf-176



12

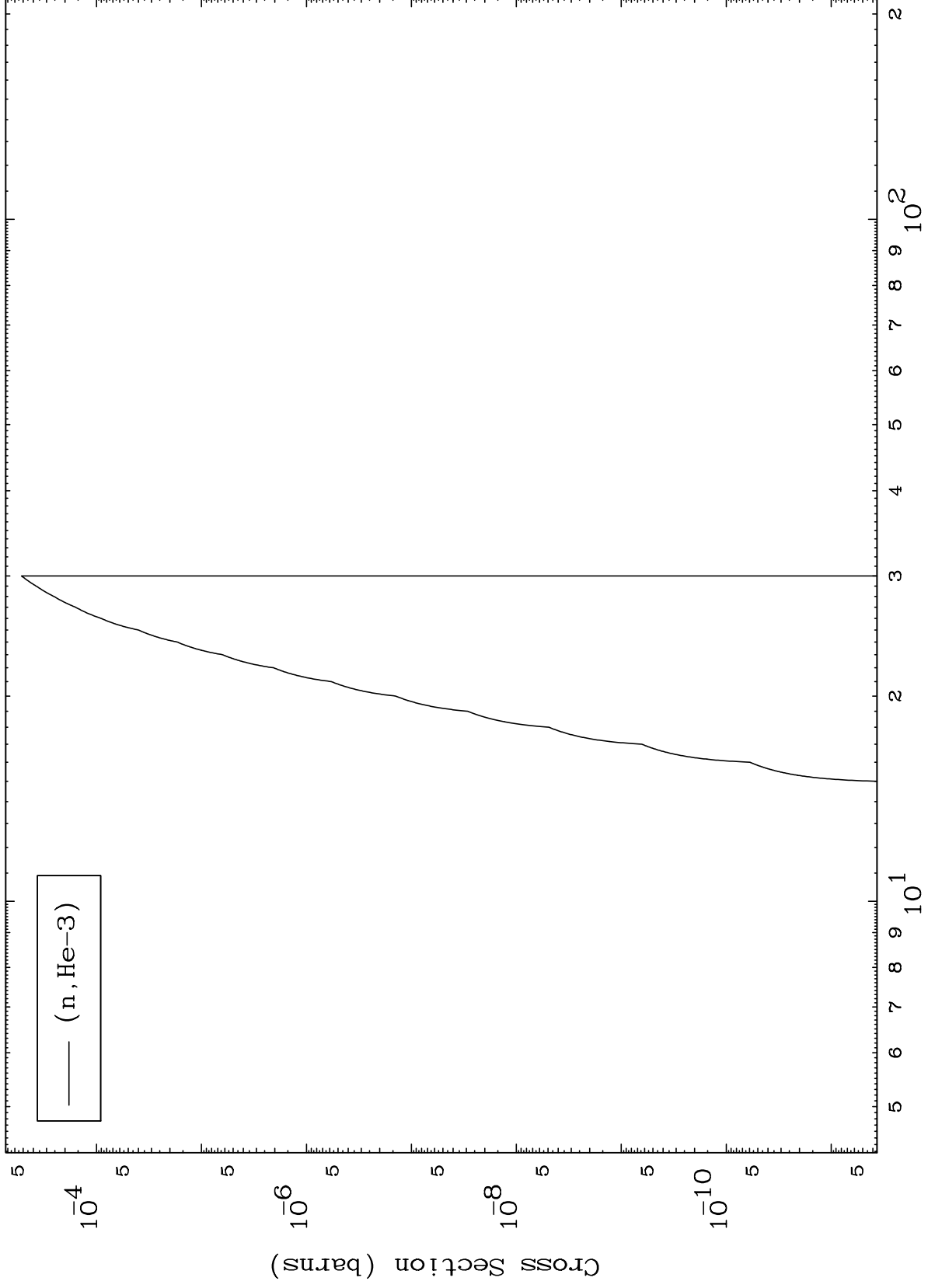
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-176



13

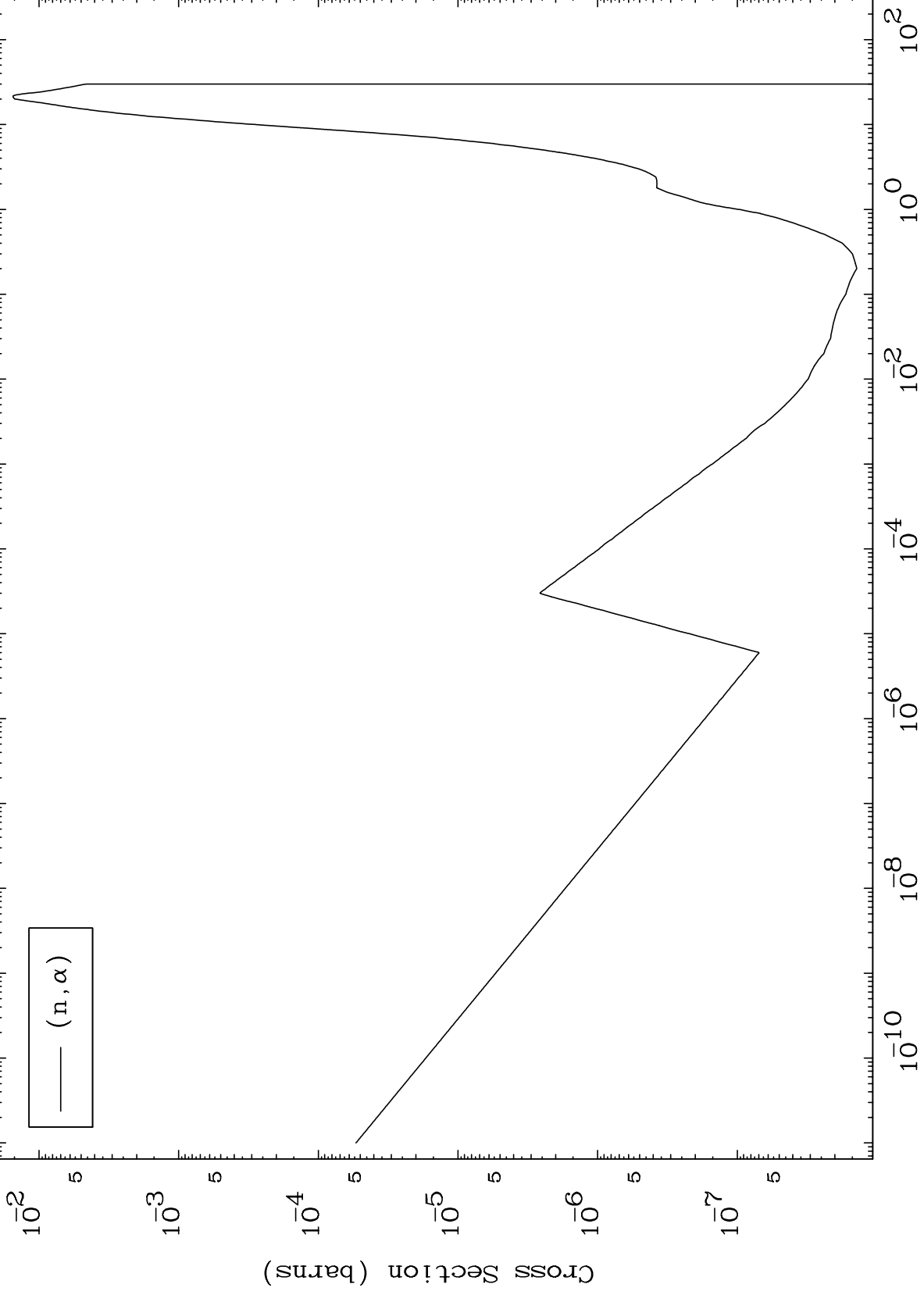
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n, α) Levels
293 Kelvin Cross Sections

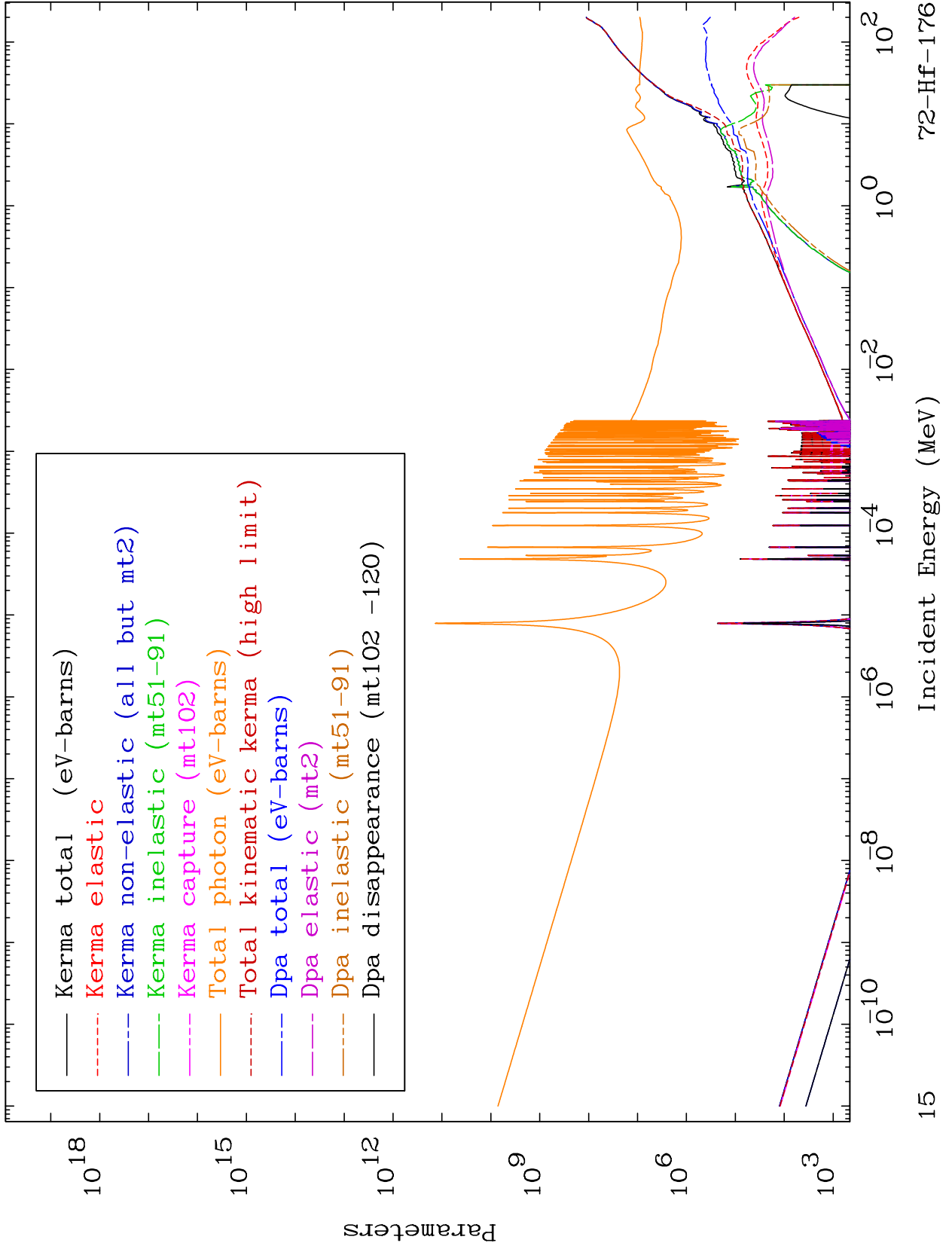
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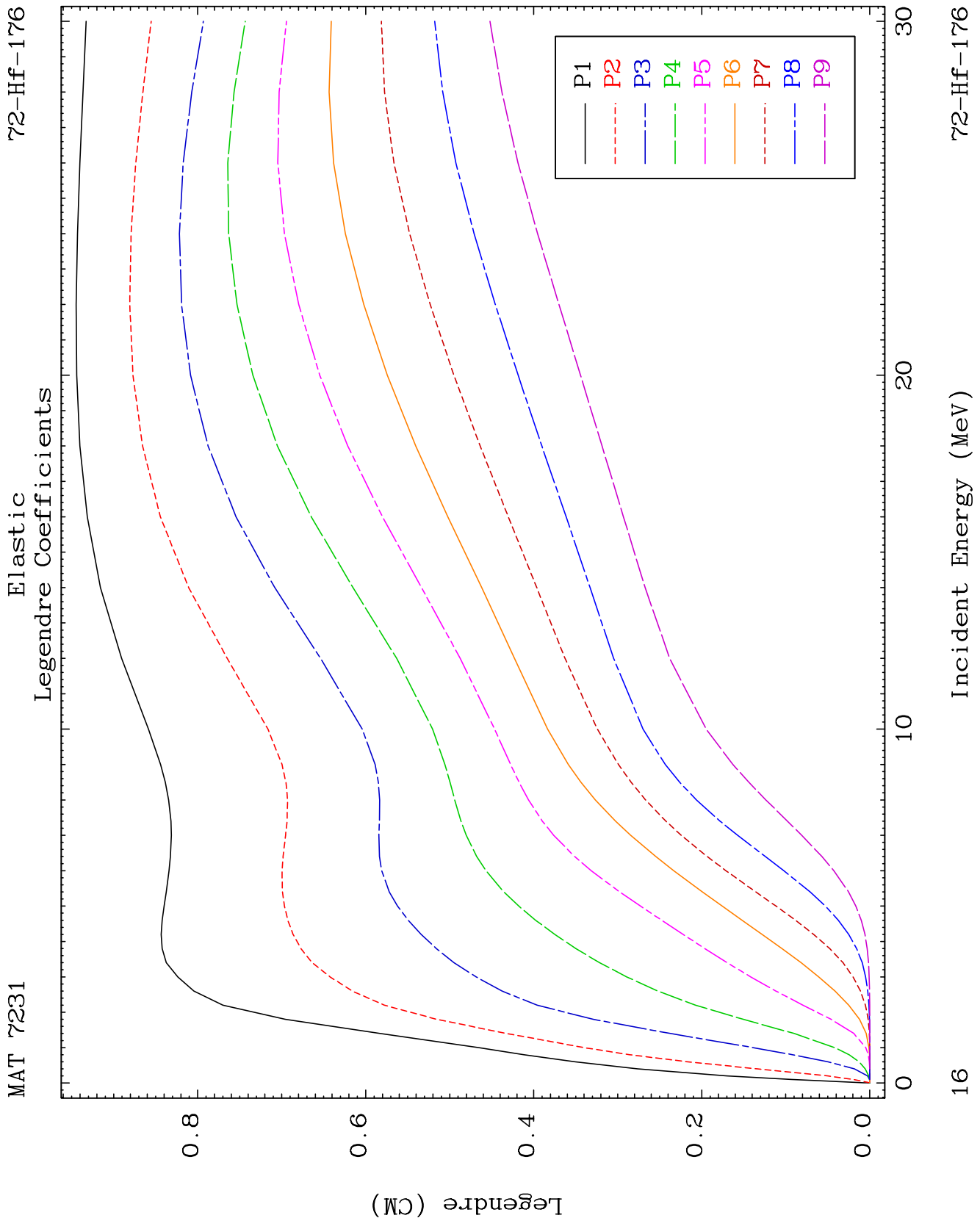


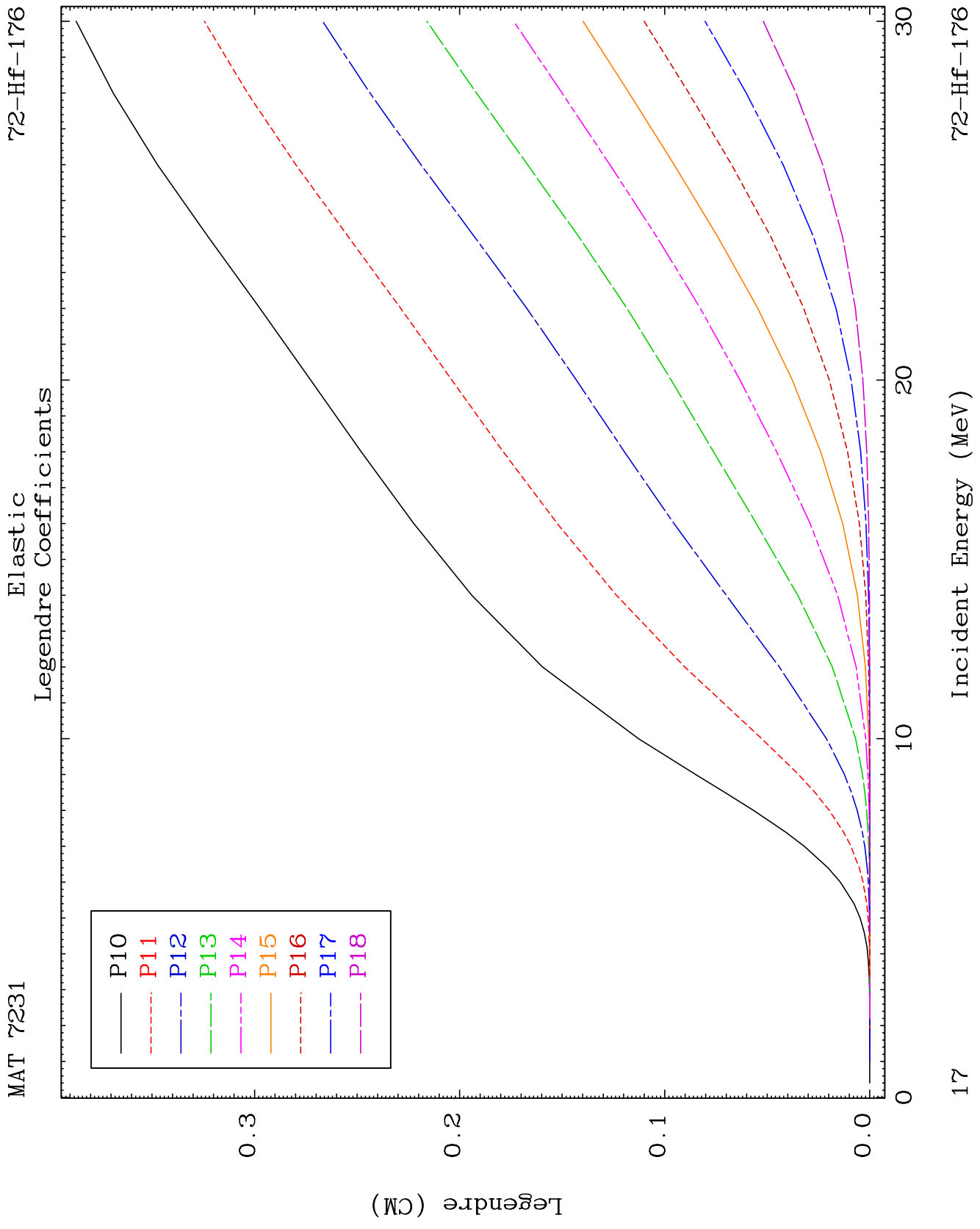
14

Incident Energy (MeV)

72-Hf-176



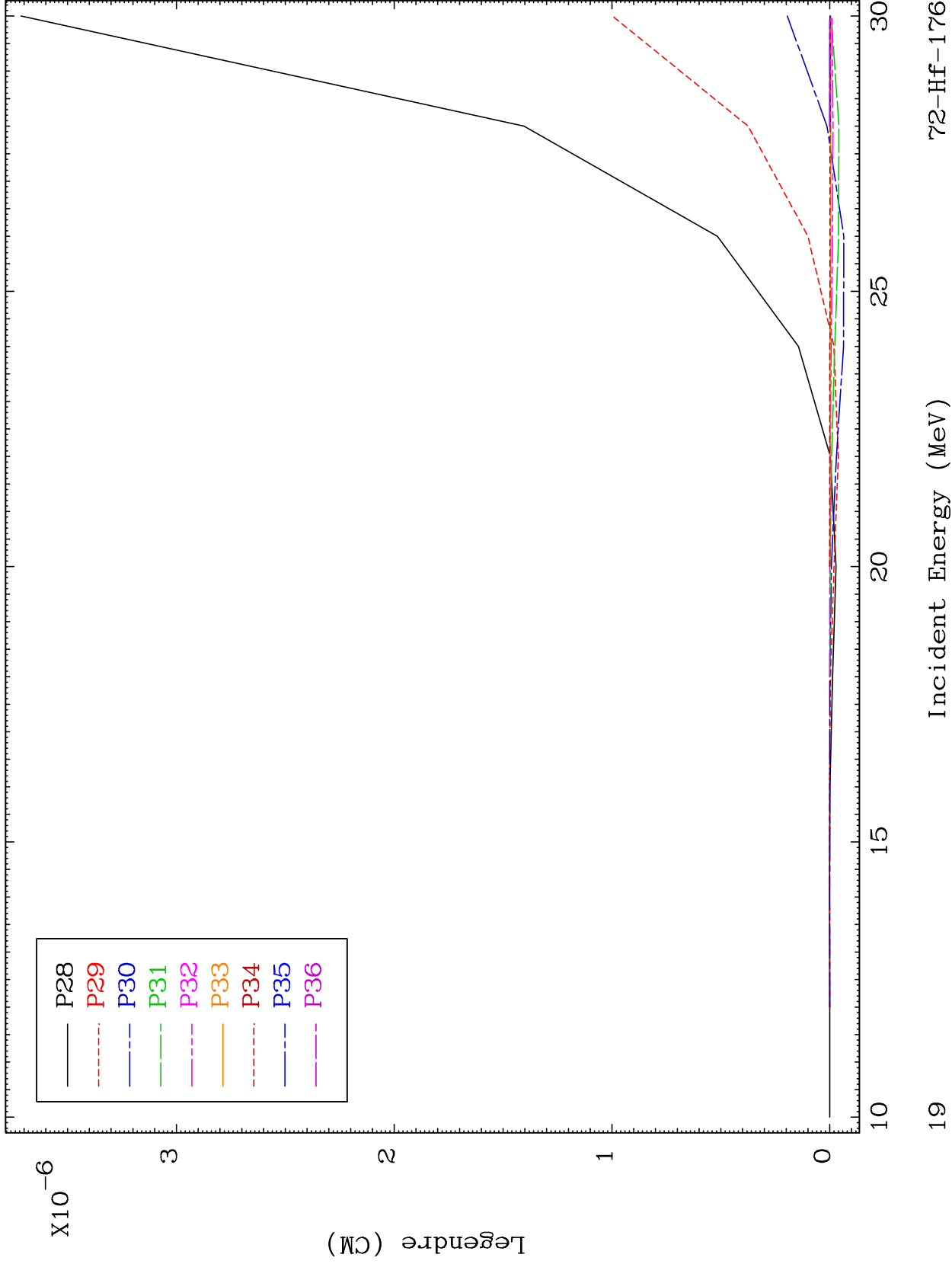


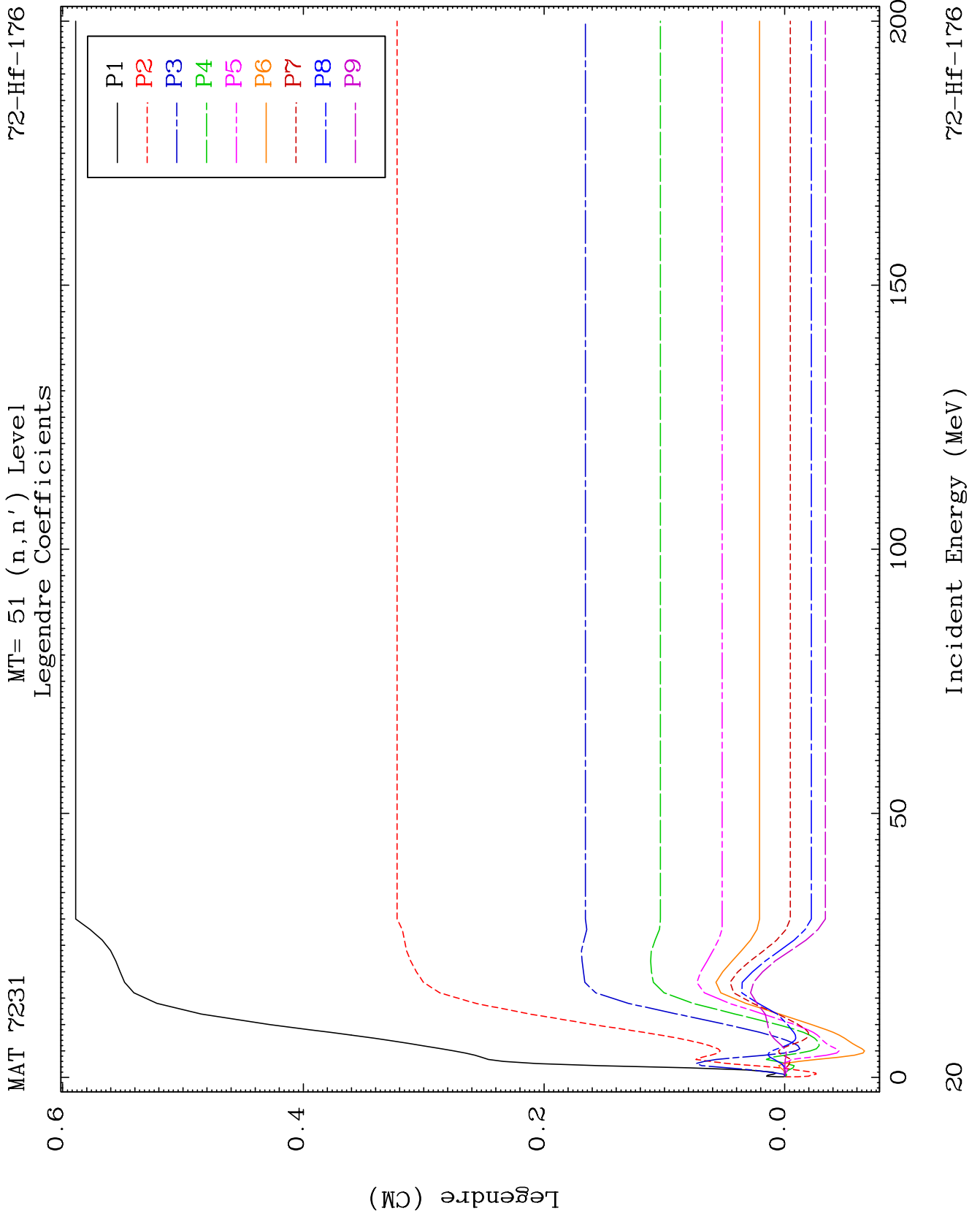


MAT 7231

Elastic Legendre Coefficients

72-Hf-176

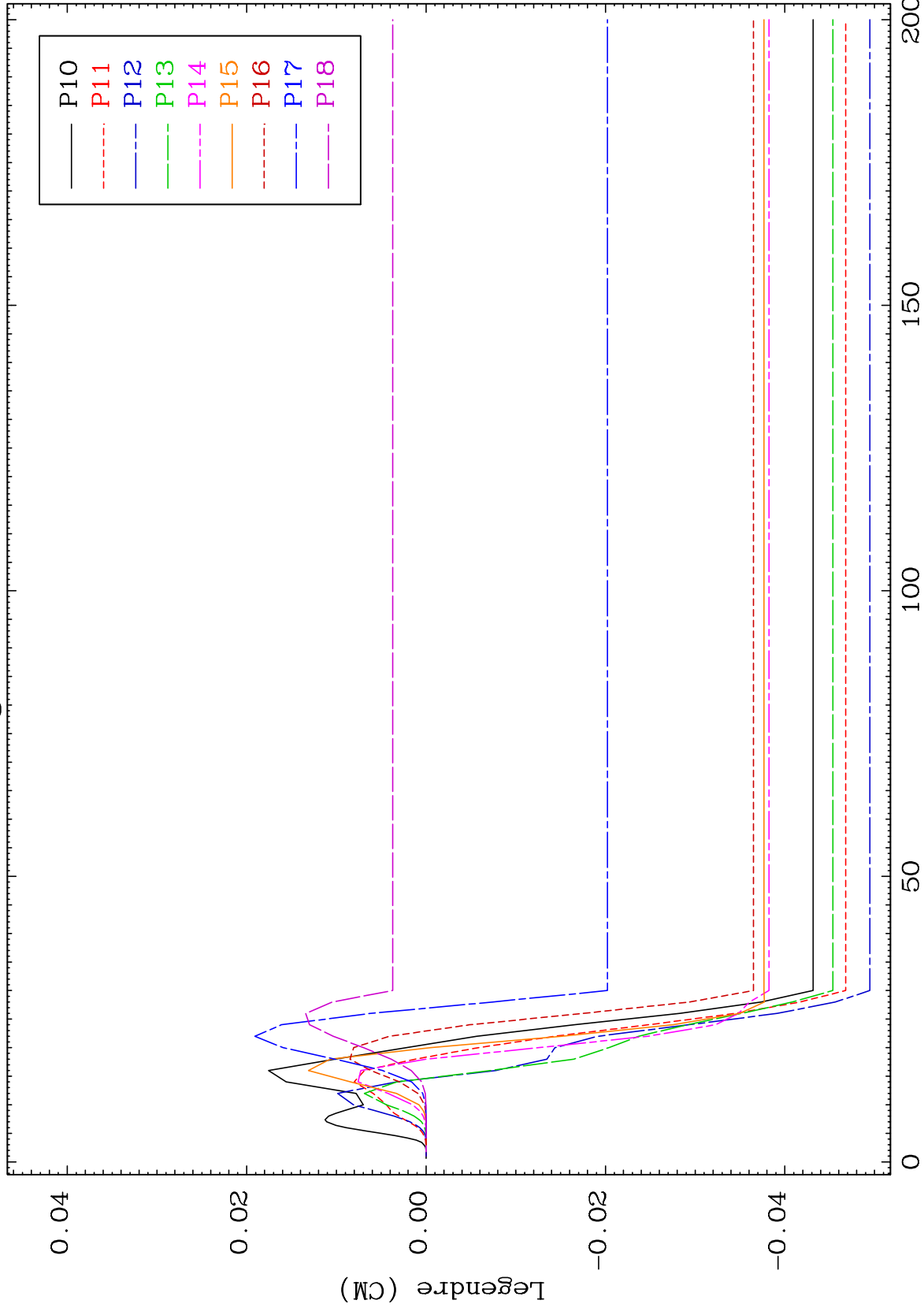




MAT 7231

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

72-Hf-176



21

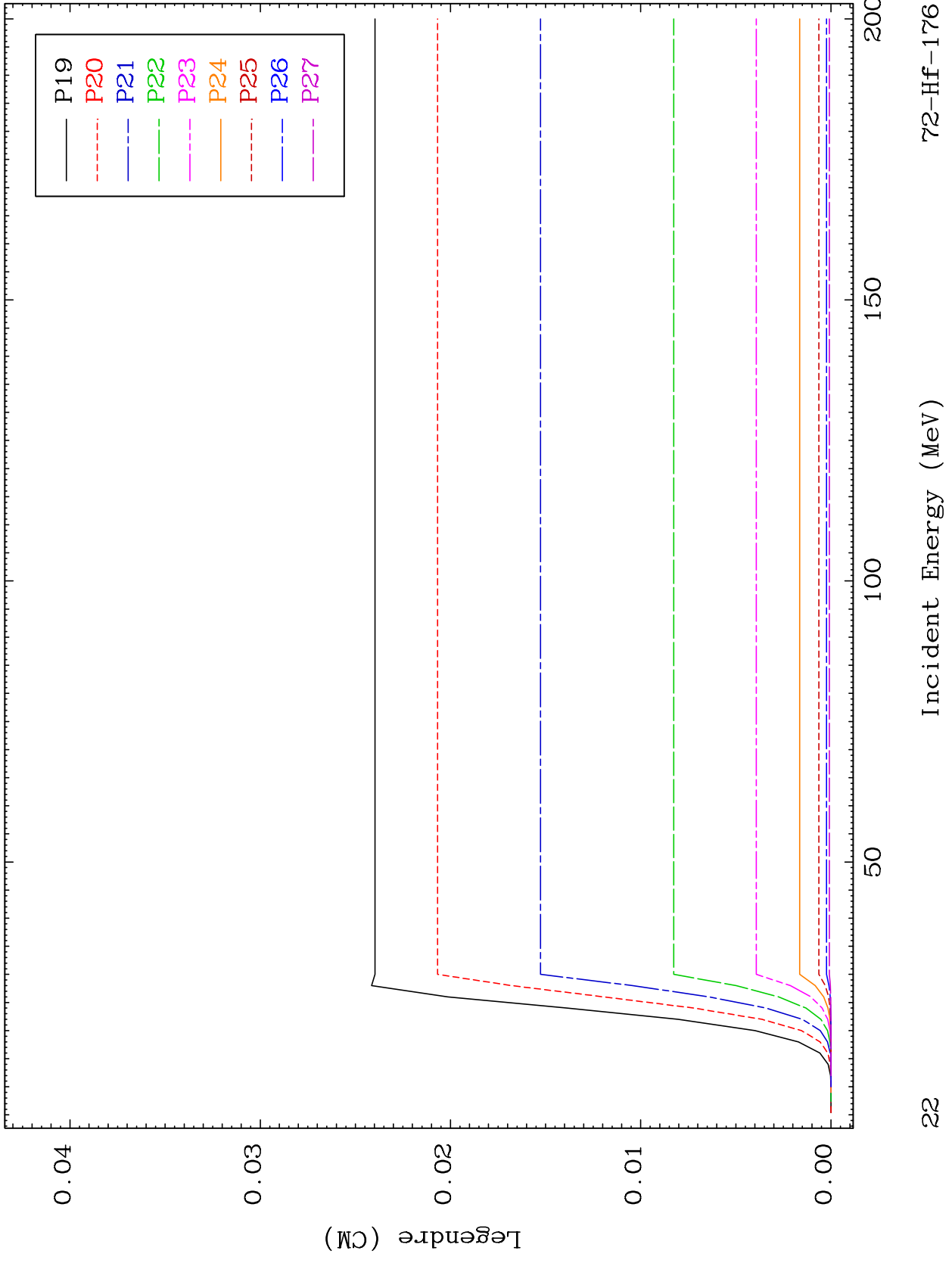
Incident Energy (MeV)

72-Hf-176

MAT 7231

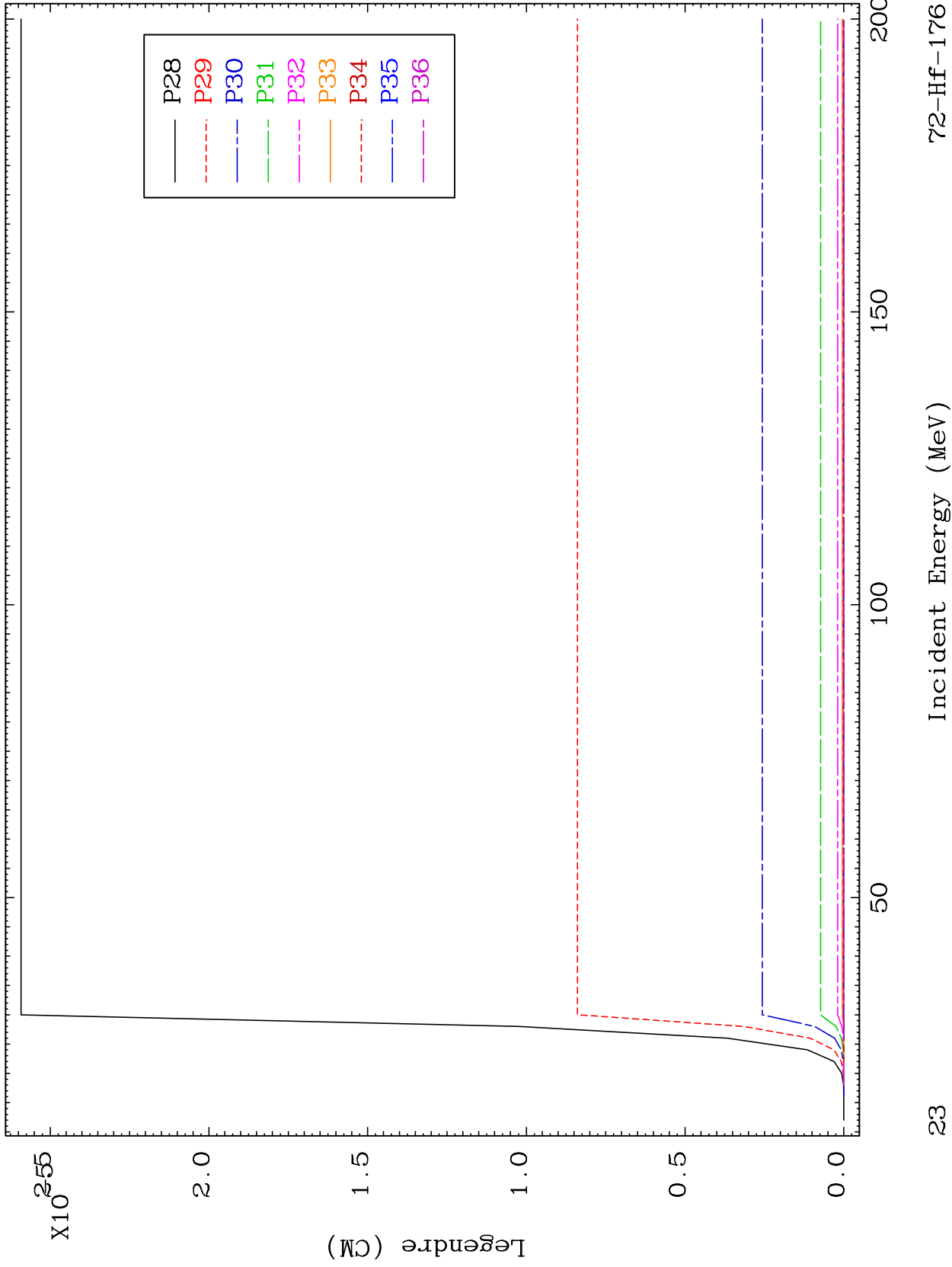
MT= 51 (n,n') Level
Legendre Coefficients

72-Hf-176



22

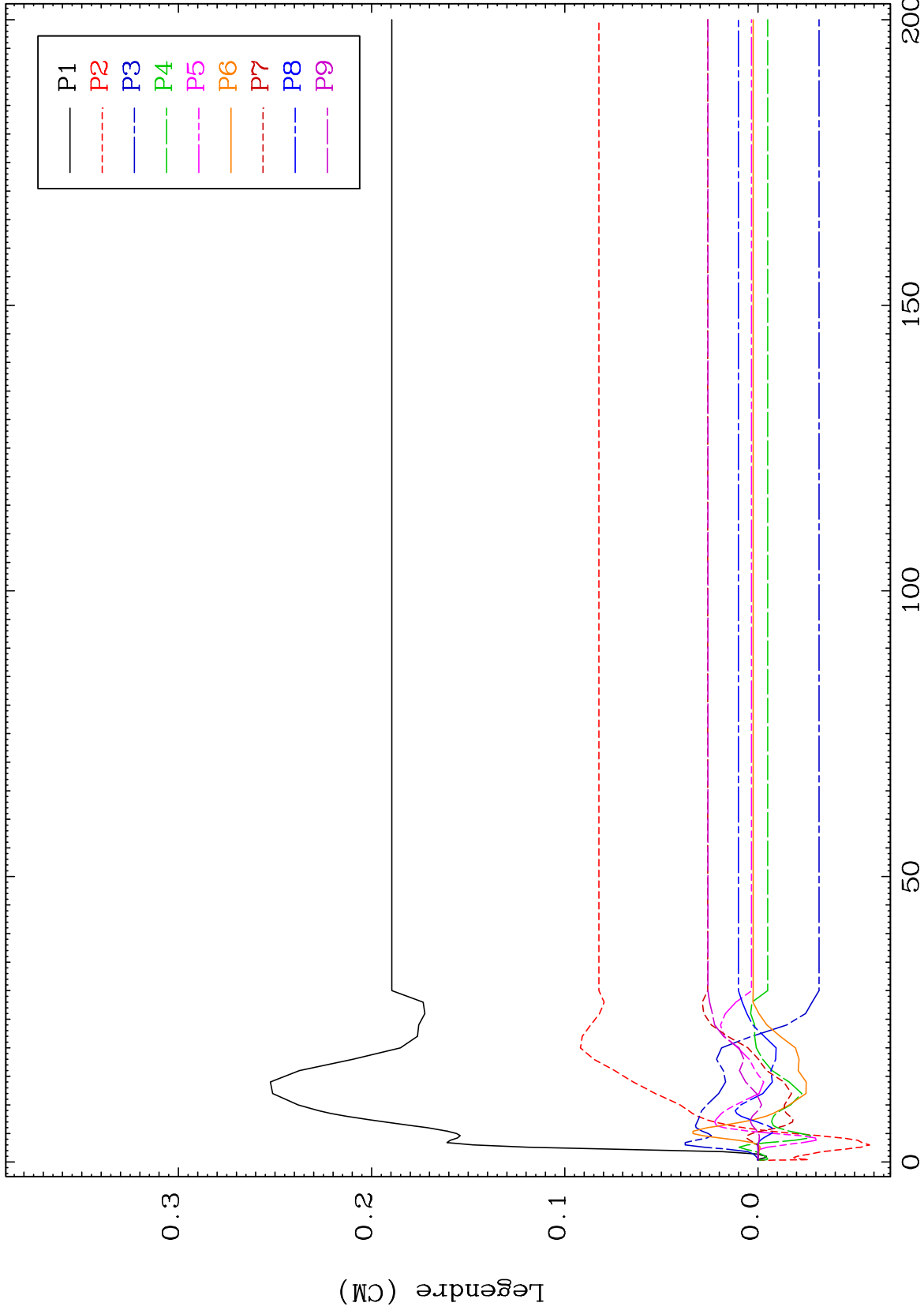
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MAT 7231

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

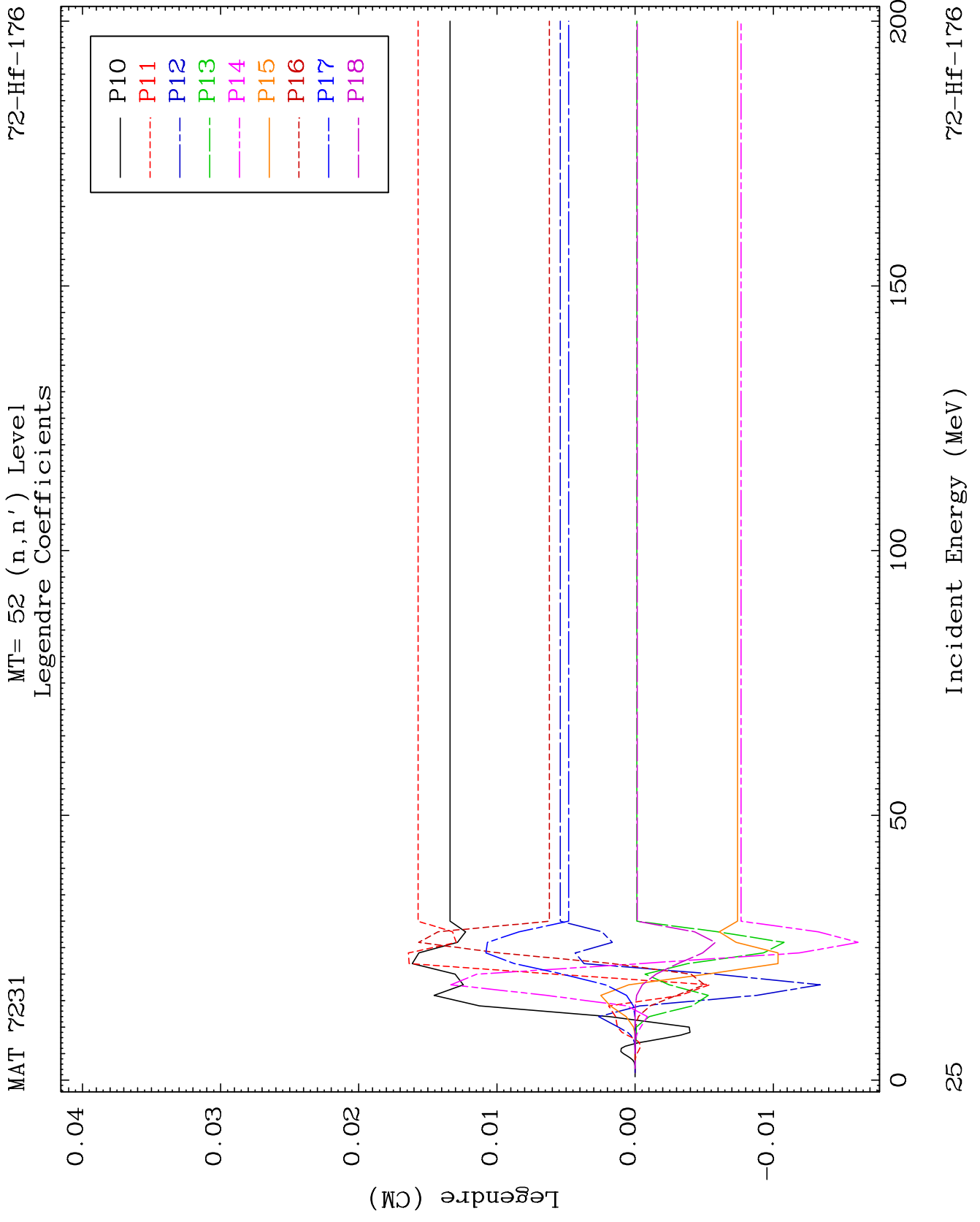
72-Hf-176



24

Incident Energy (MeV)

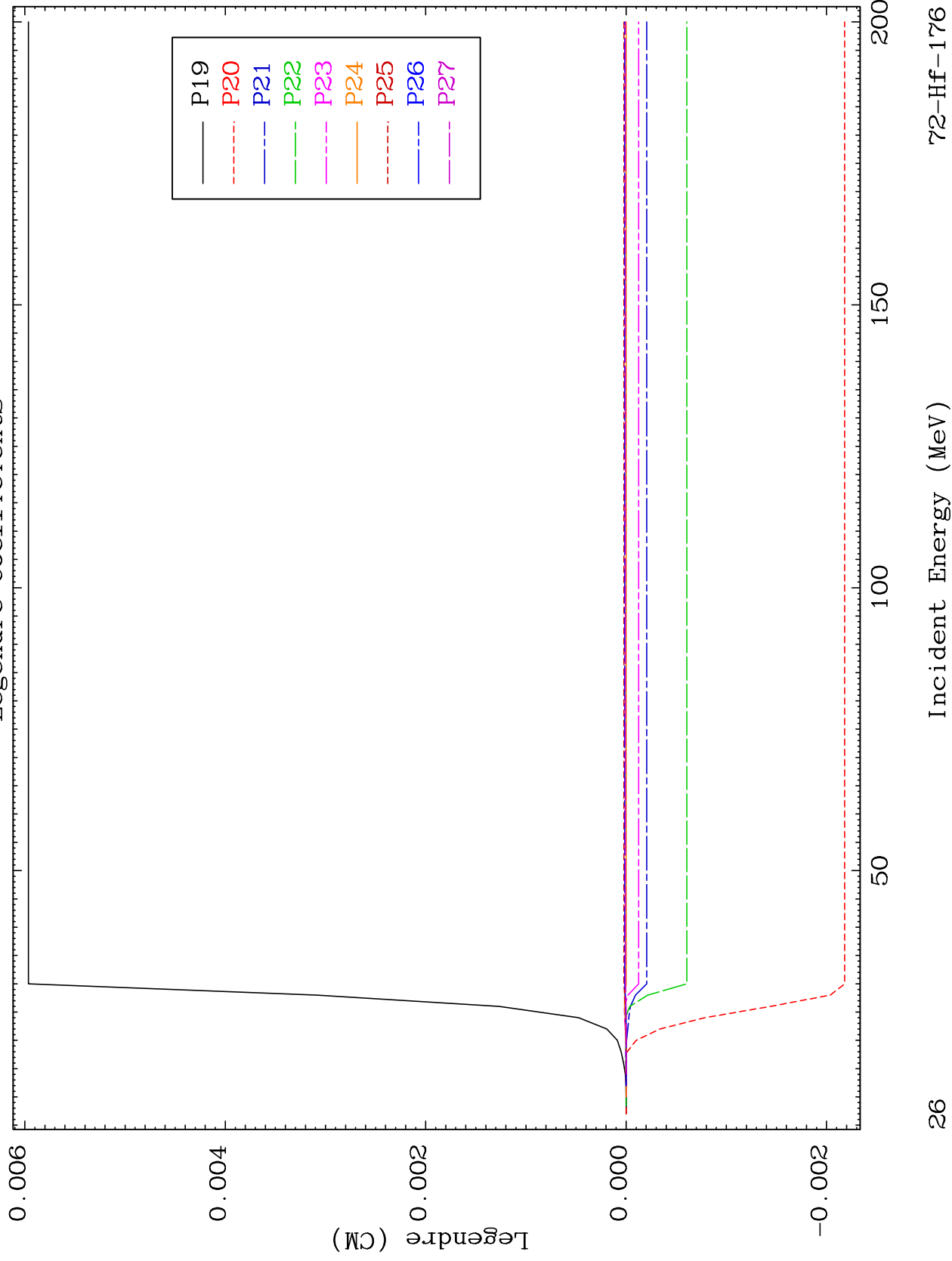
72-Hf-176



MAT 7231

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

72-Hf-176



26

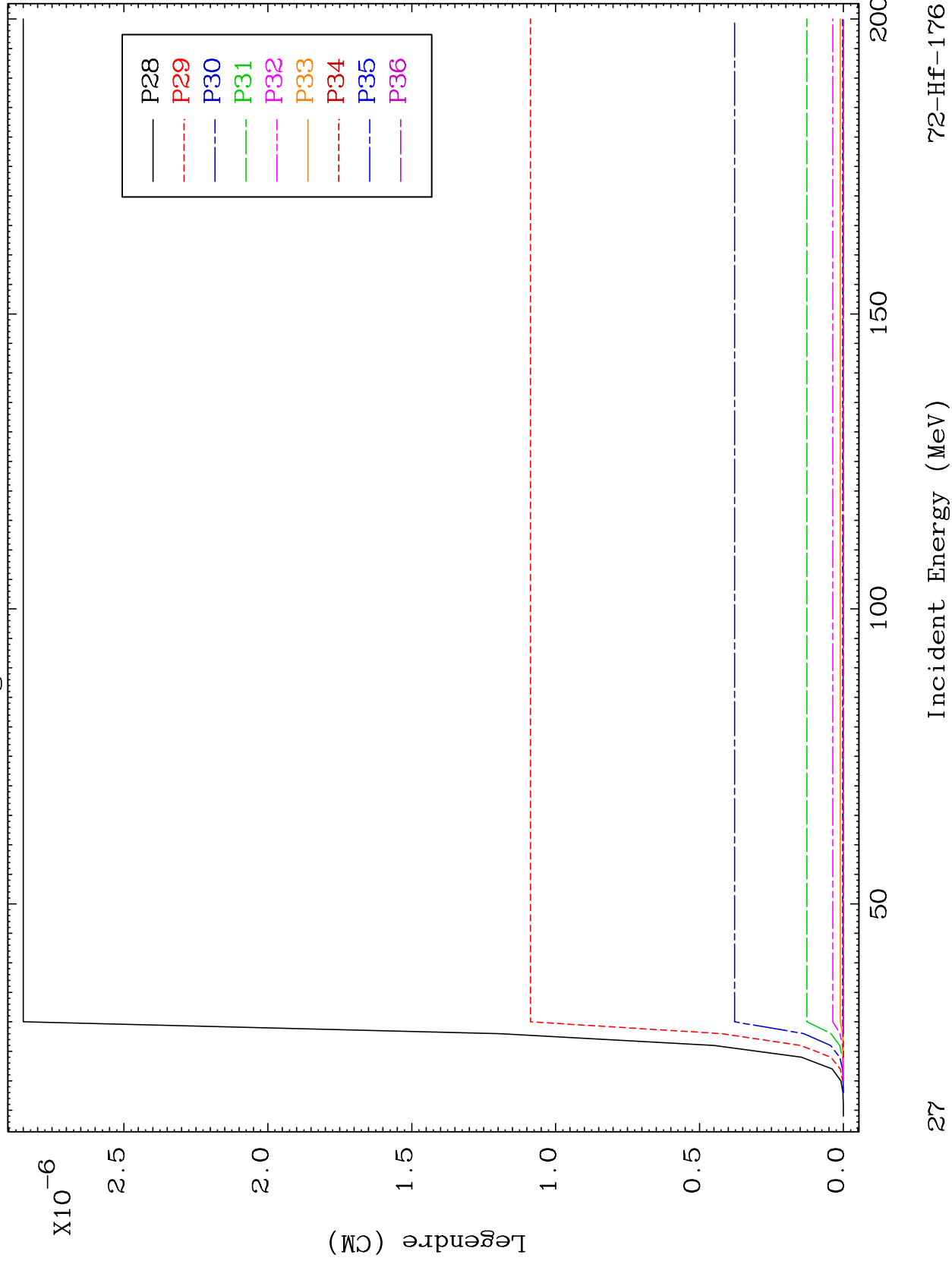
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

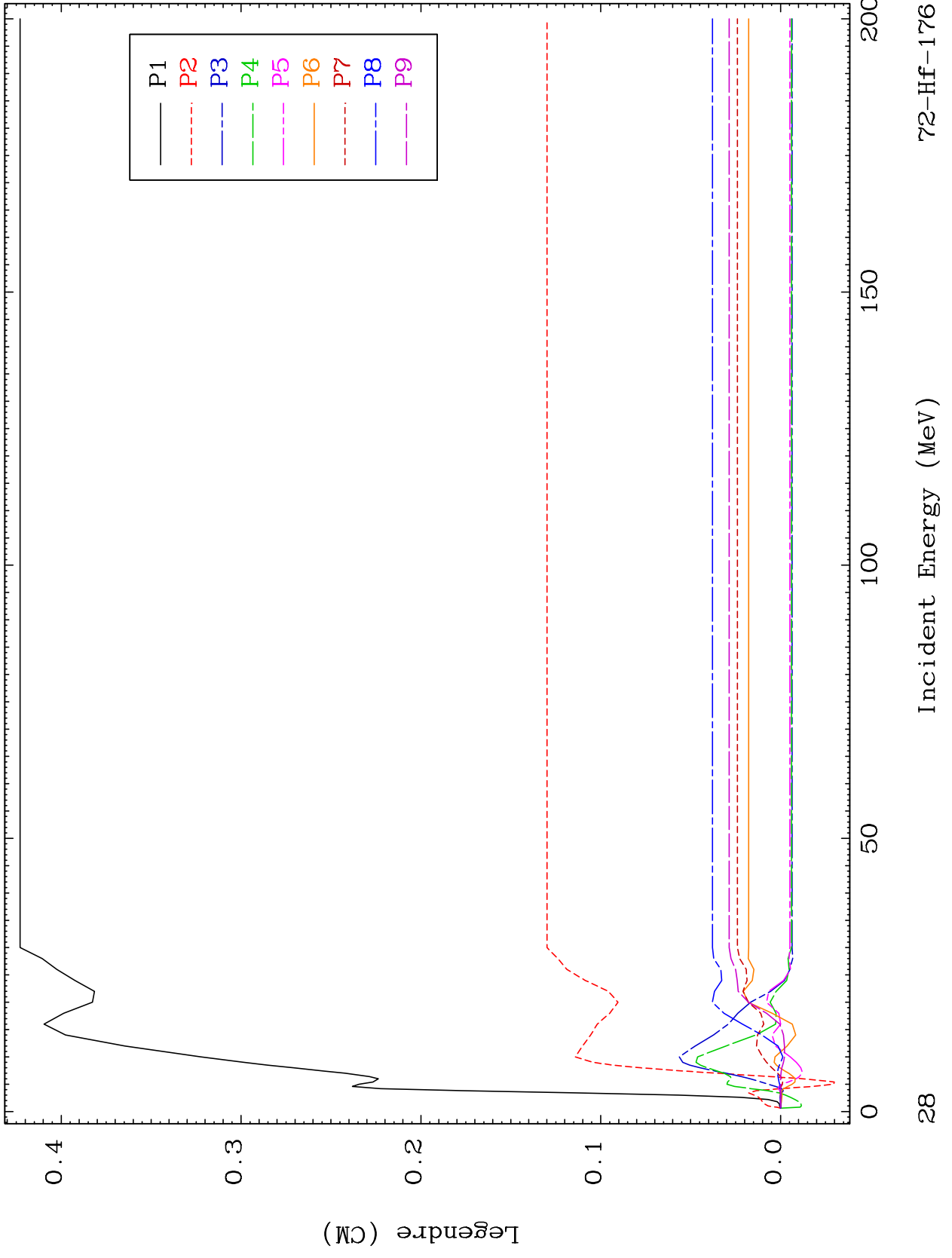
72-Hf-176



MAT 7231

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

72-Hf-176

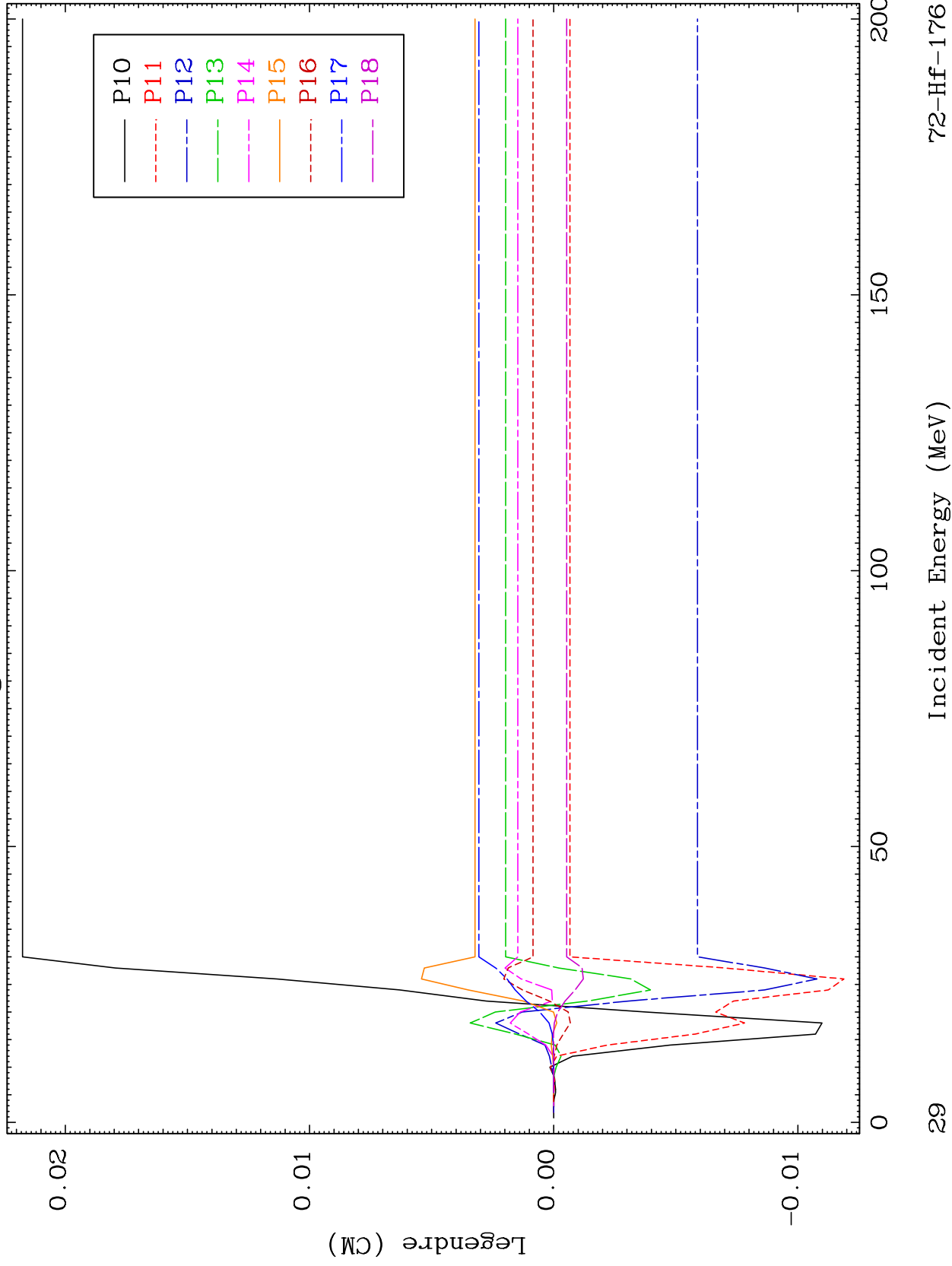


28

MAT 7231

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

72-Hf-176



72-Hf-176

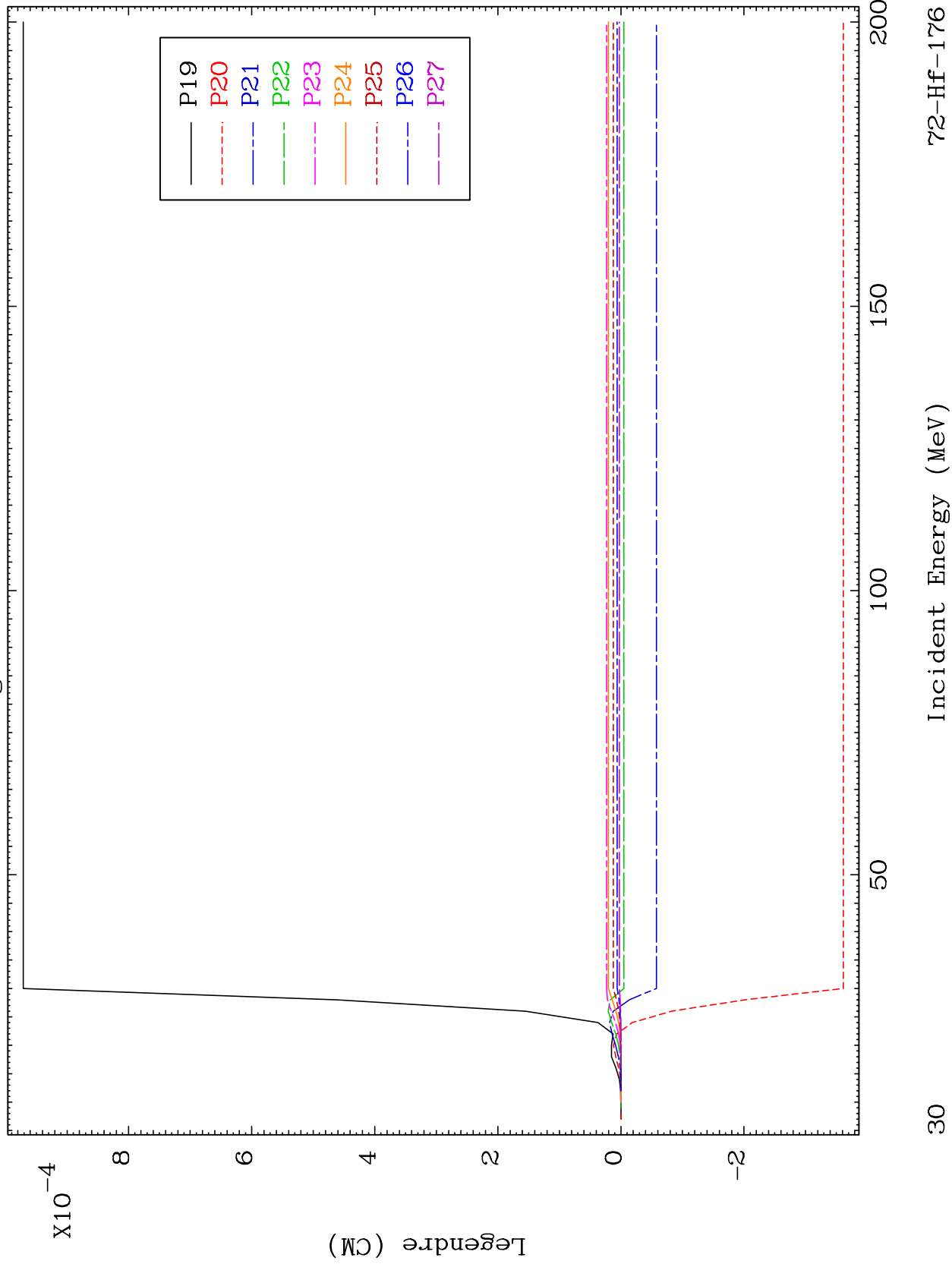
Incident Energy (MeV)

29

MAT 7231

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

72-Hf-176



72-Hf-176

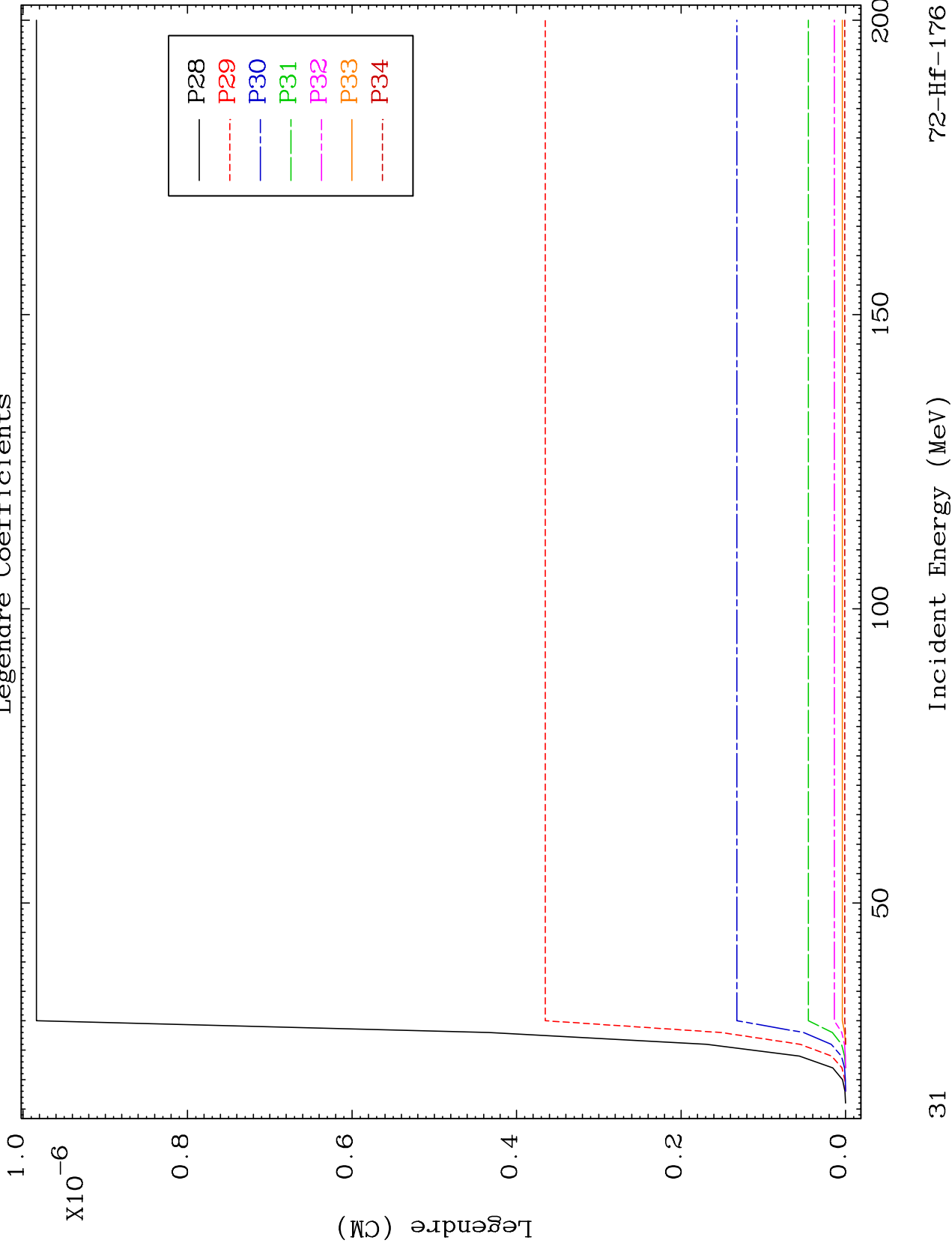
Incident Energy (MeV)

30

MAT 7231

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

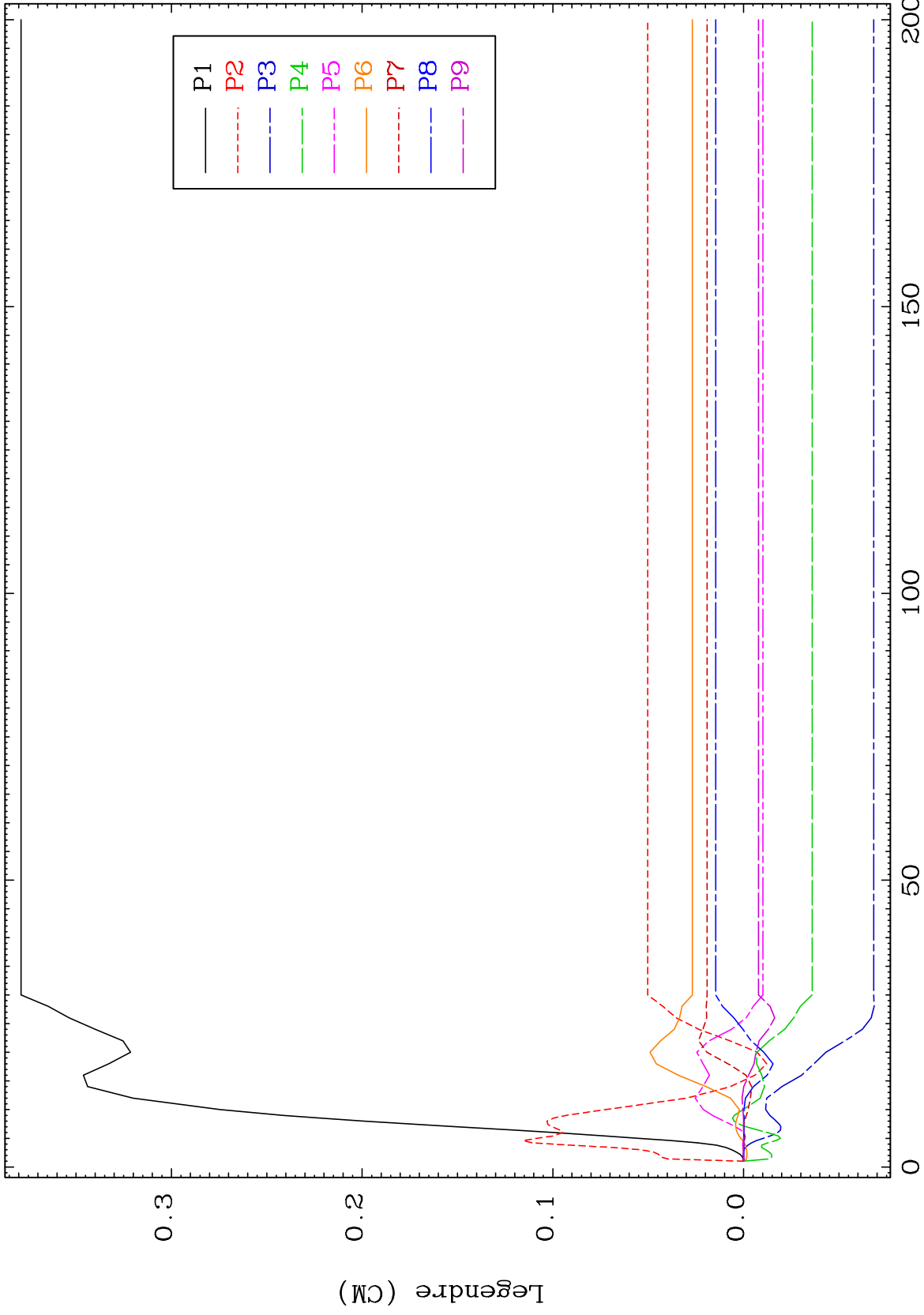
72-Hf-176



MAT 7231

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

72-Hf-176



32

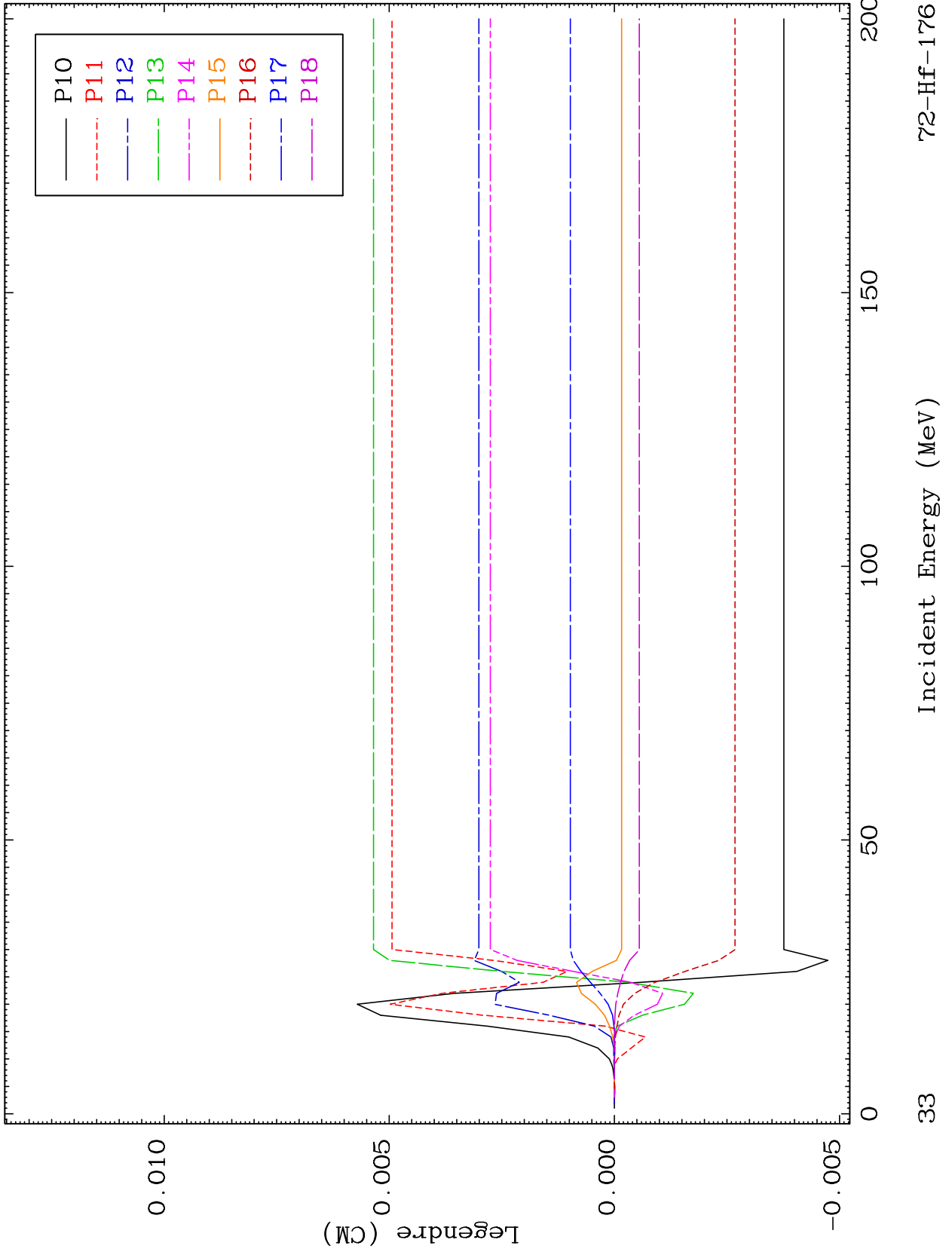
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



33

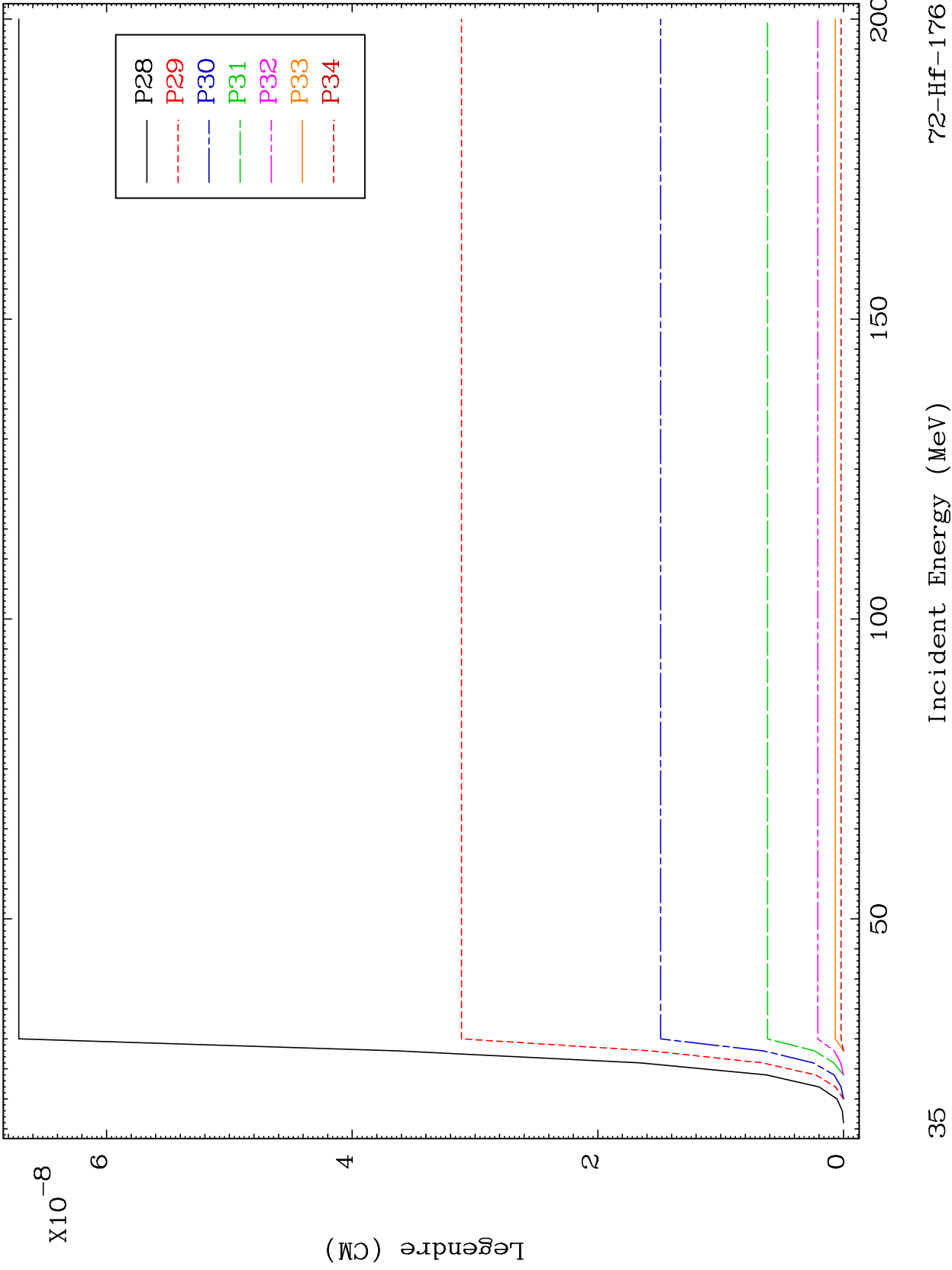
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



35

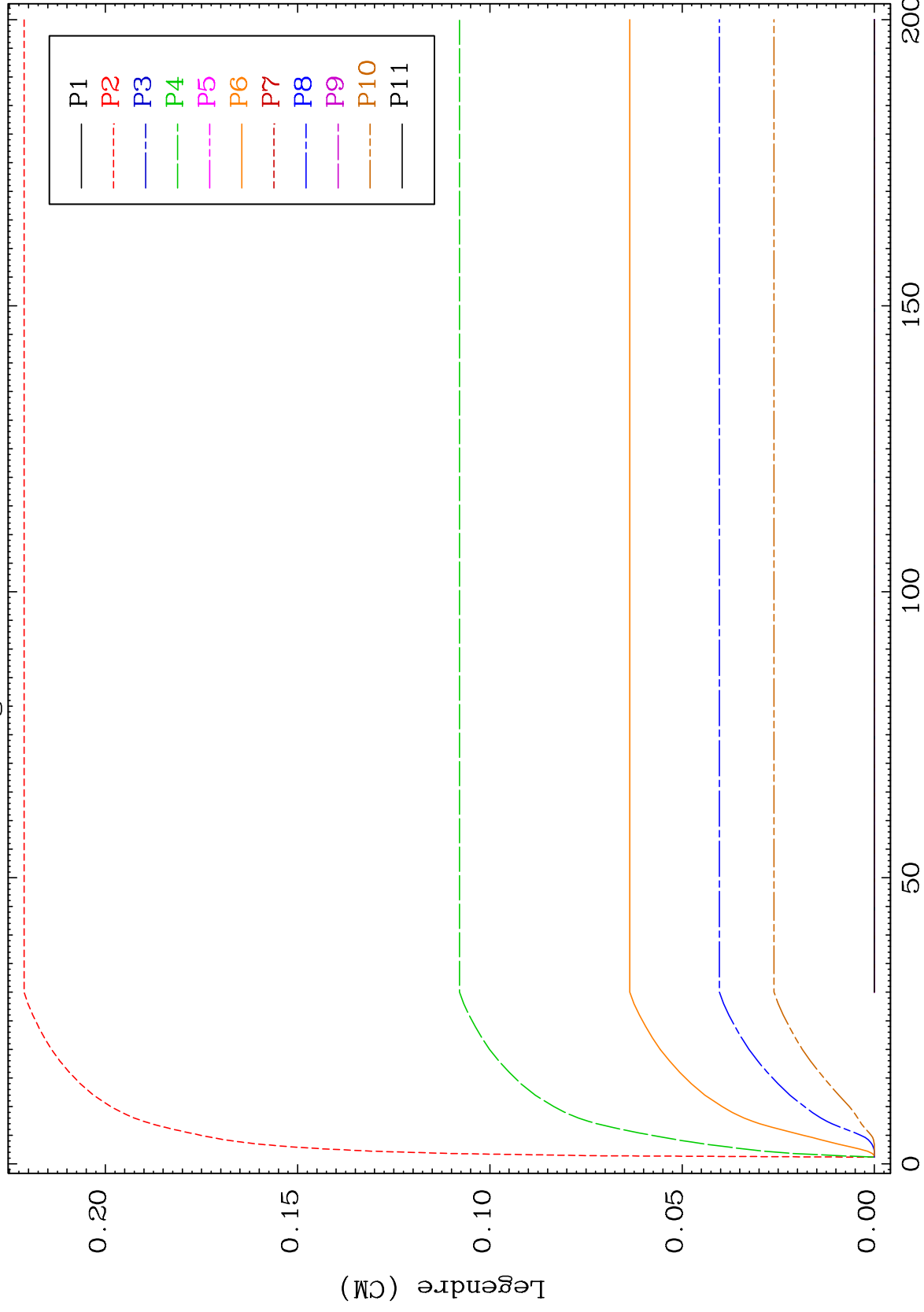
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



36

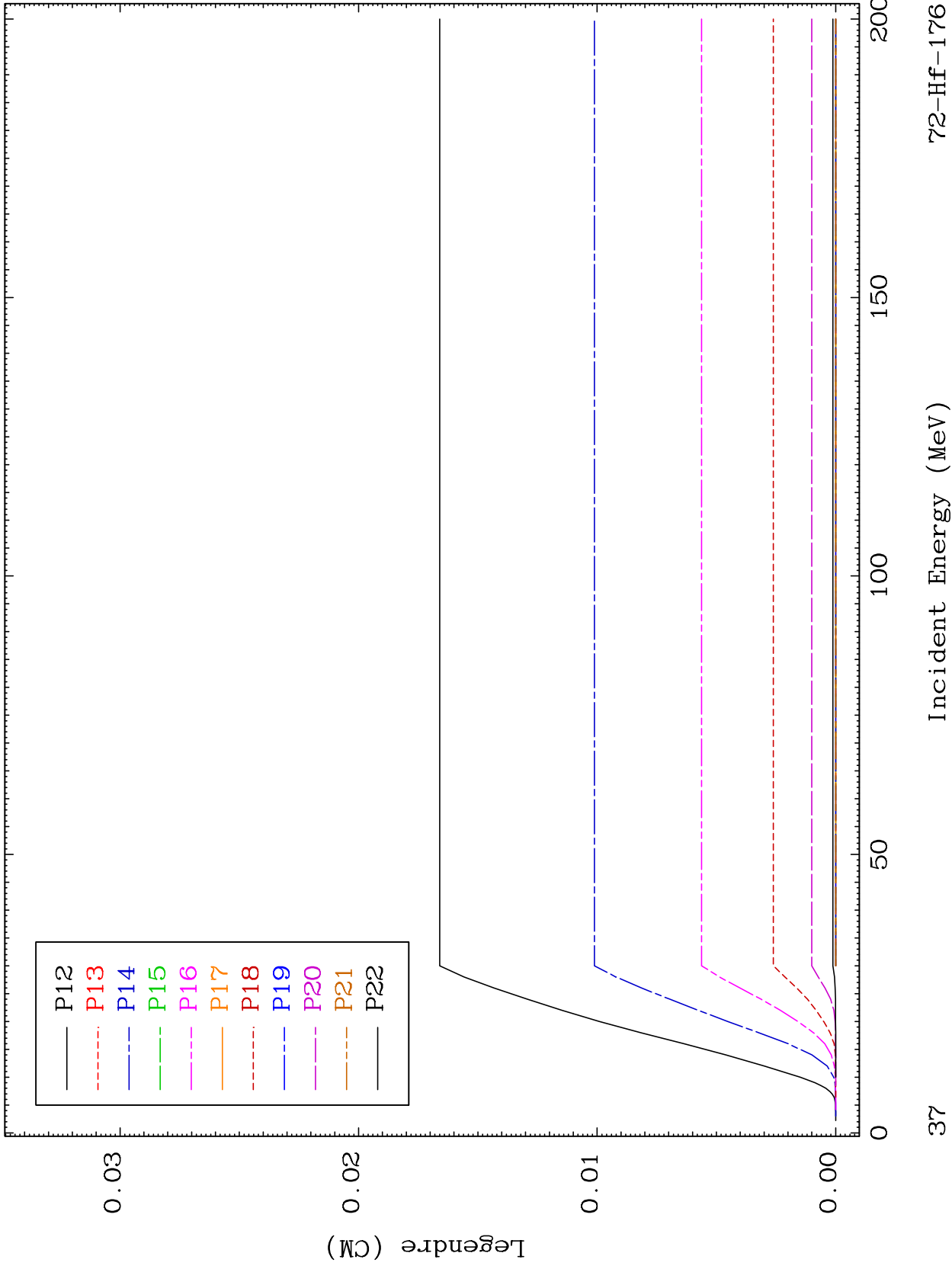
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

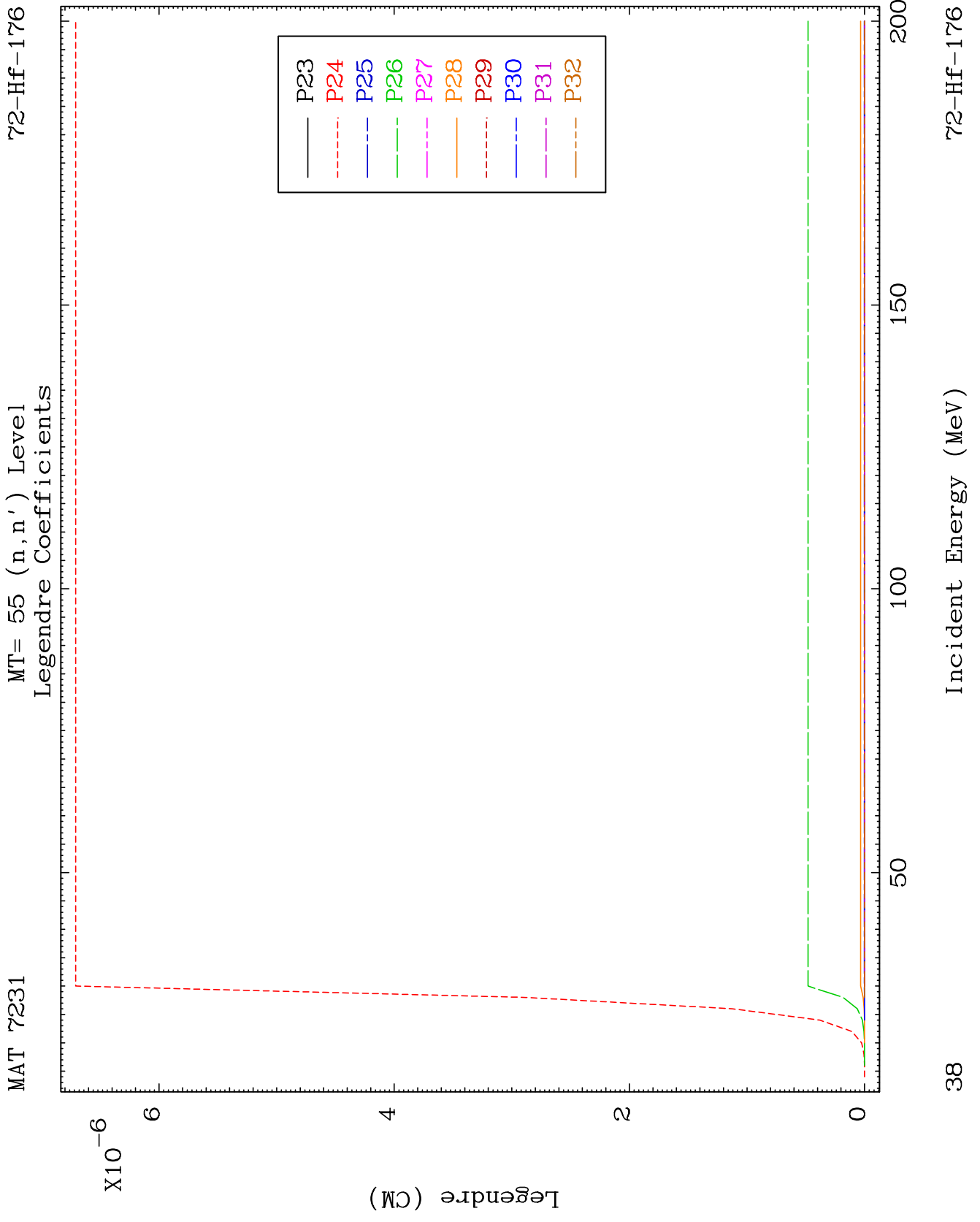
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37

Incident Energy (MeV)

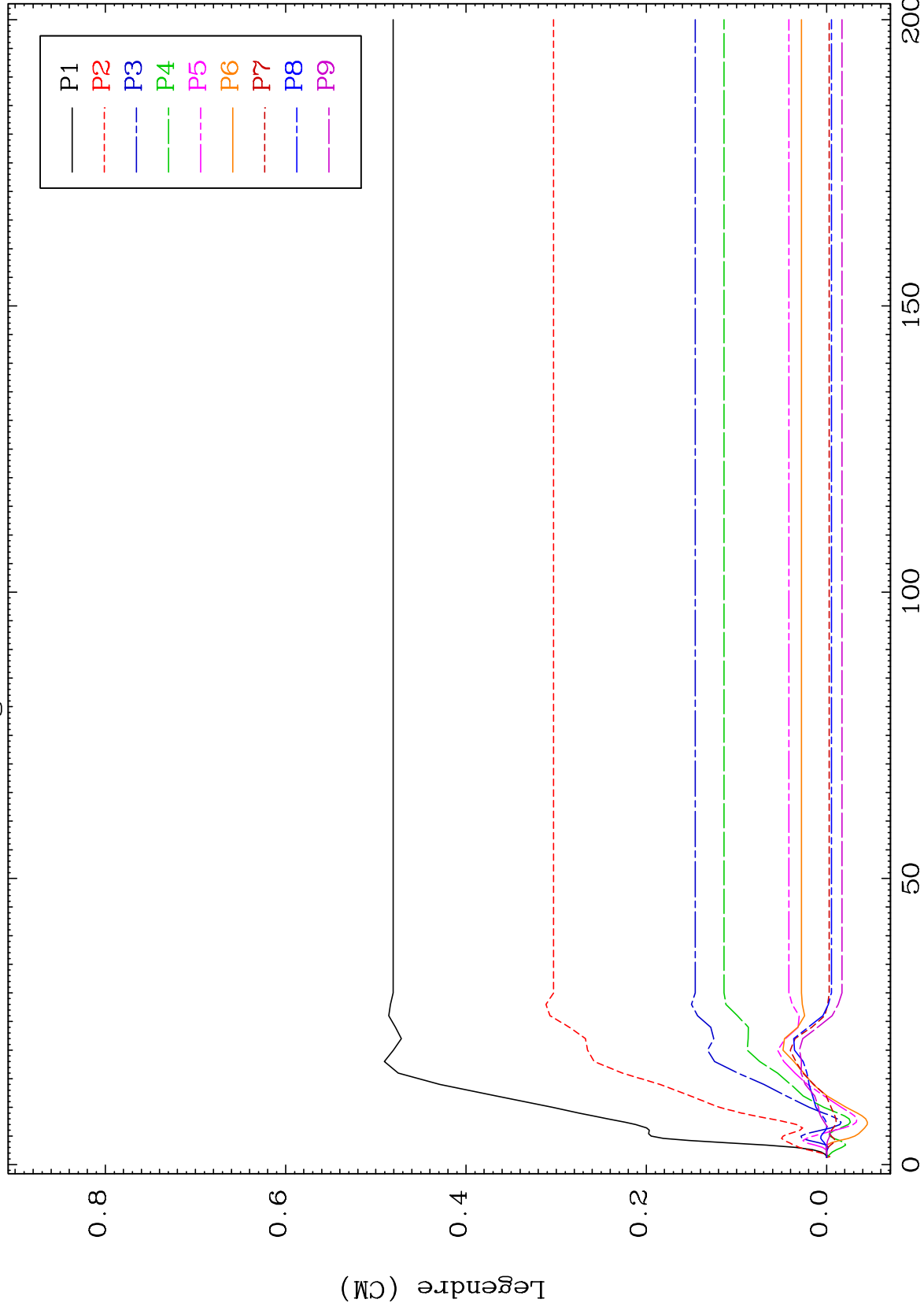
72-Hf-176



MAT 7231

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

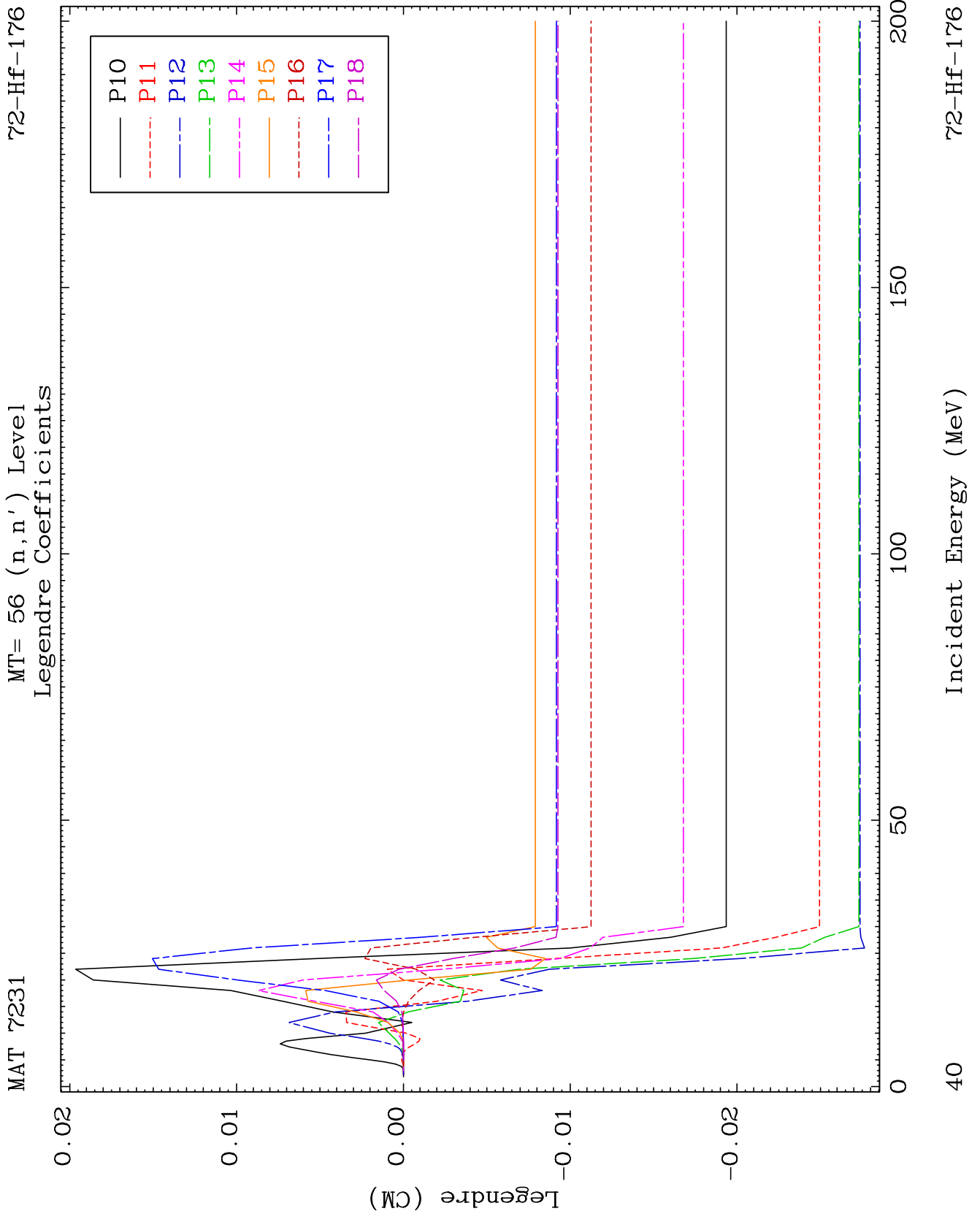
72-Hf-176



39

Incident Energy (MeV)

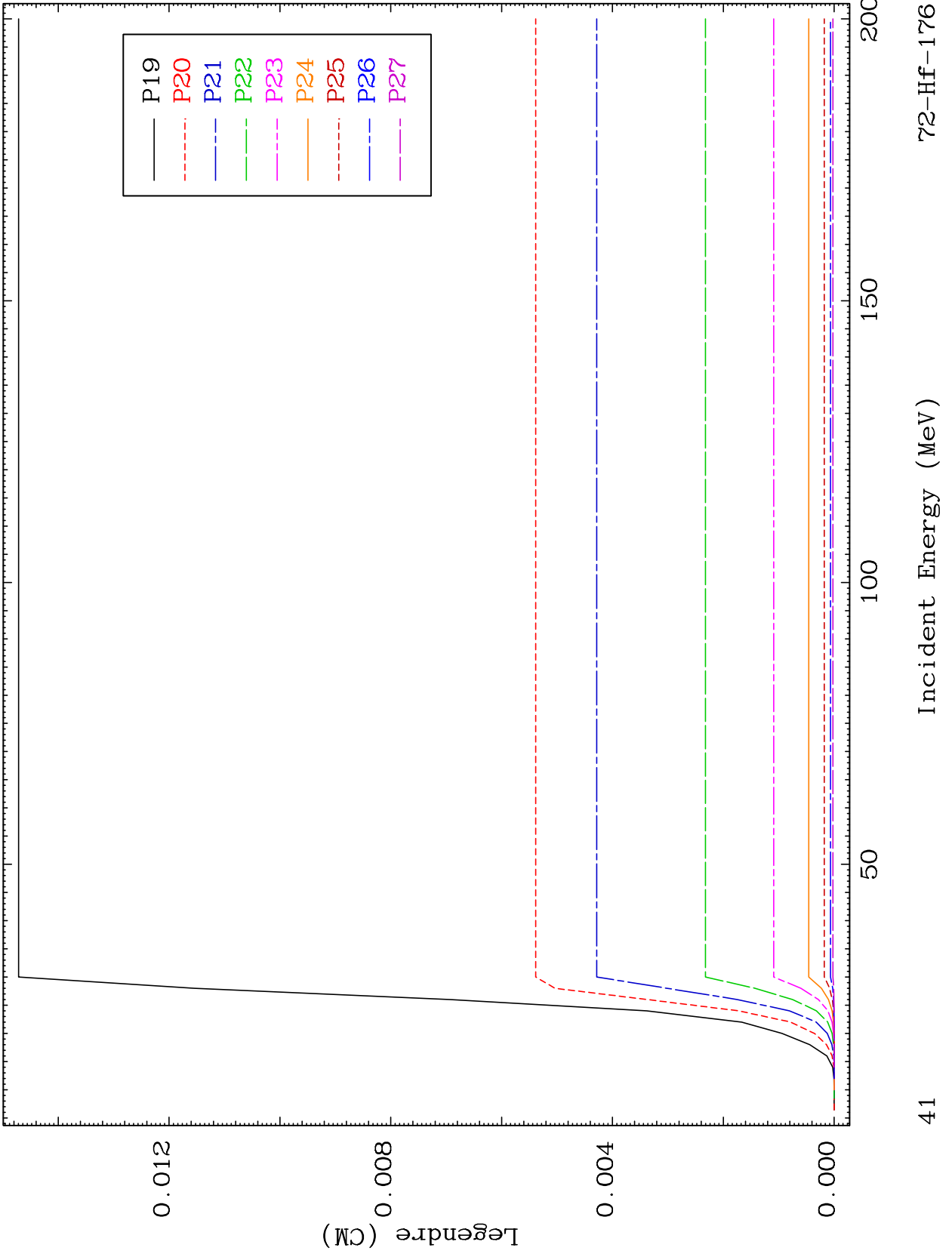
72-Hf-176



MAT 7231

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

72-Hf-176



41

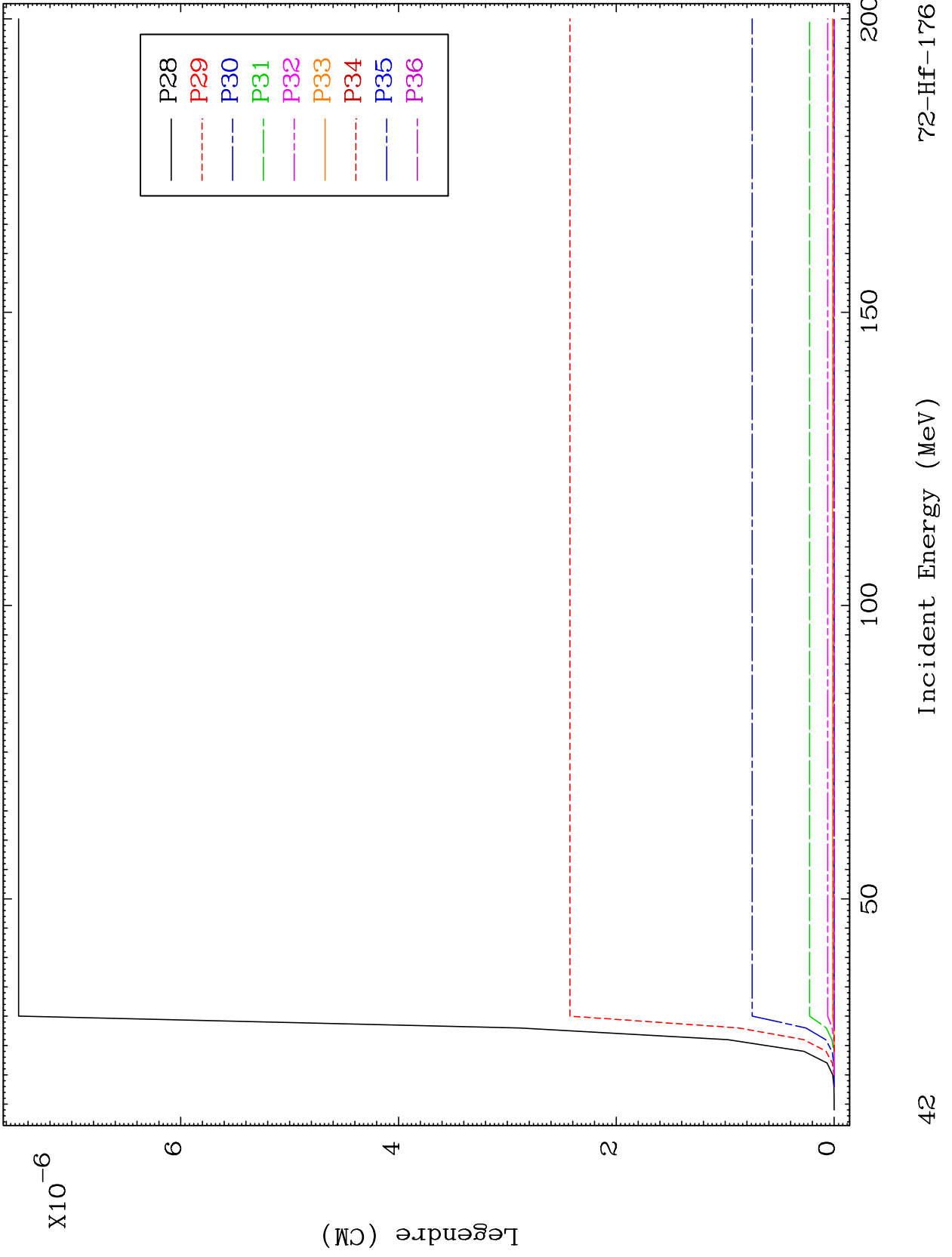
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



42

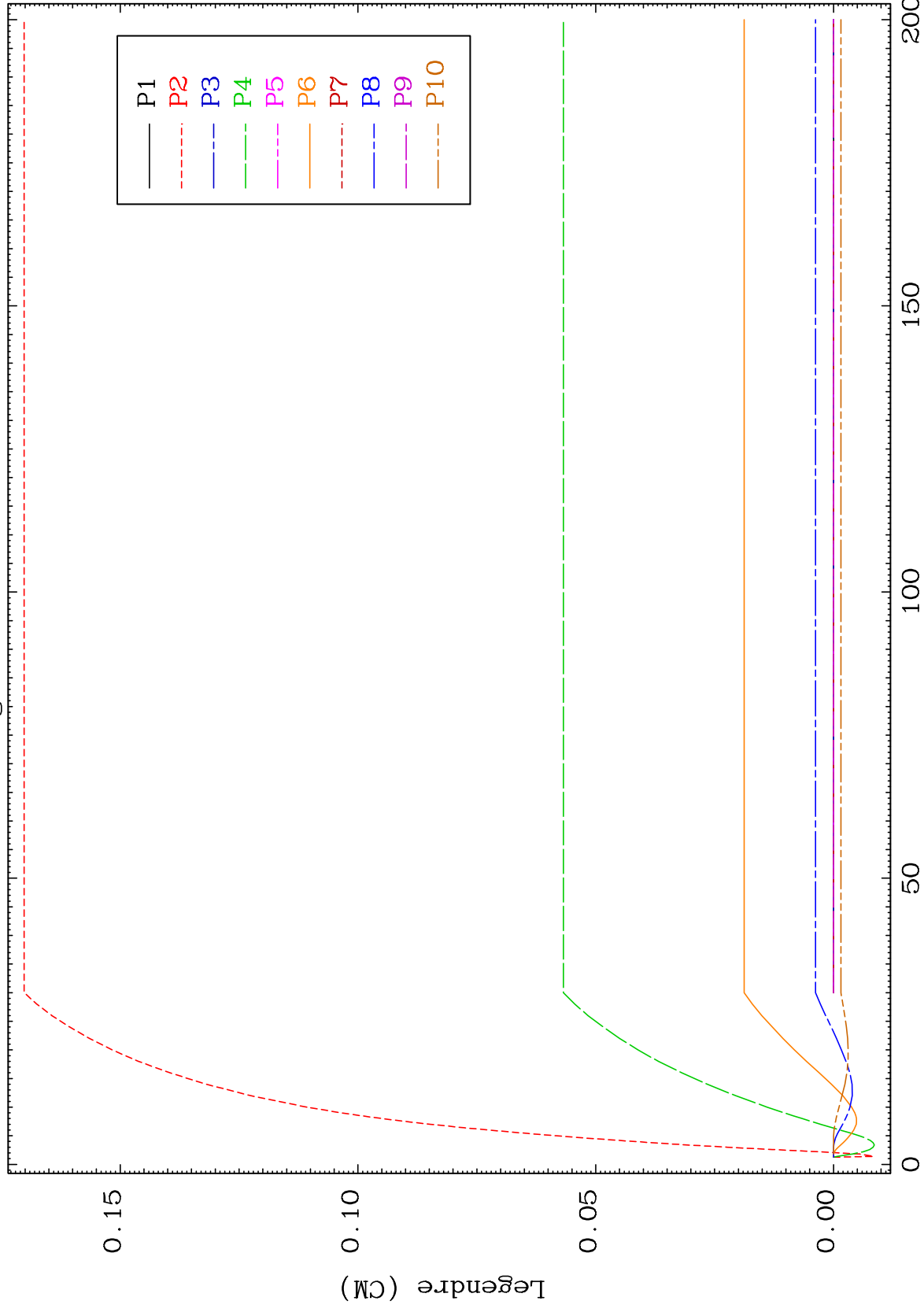
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



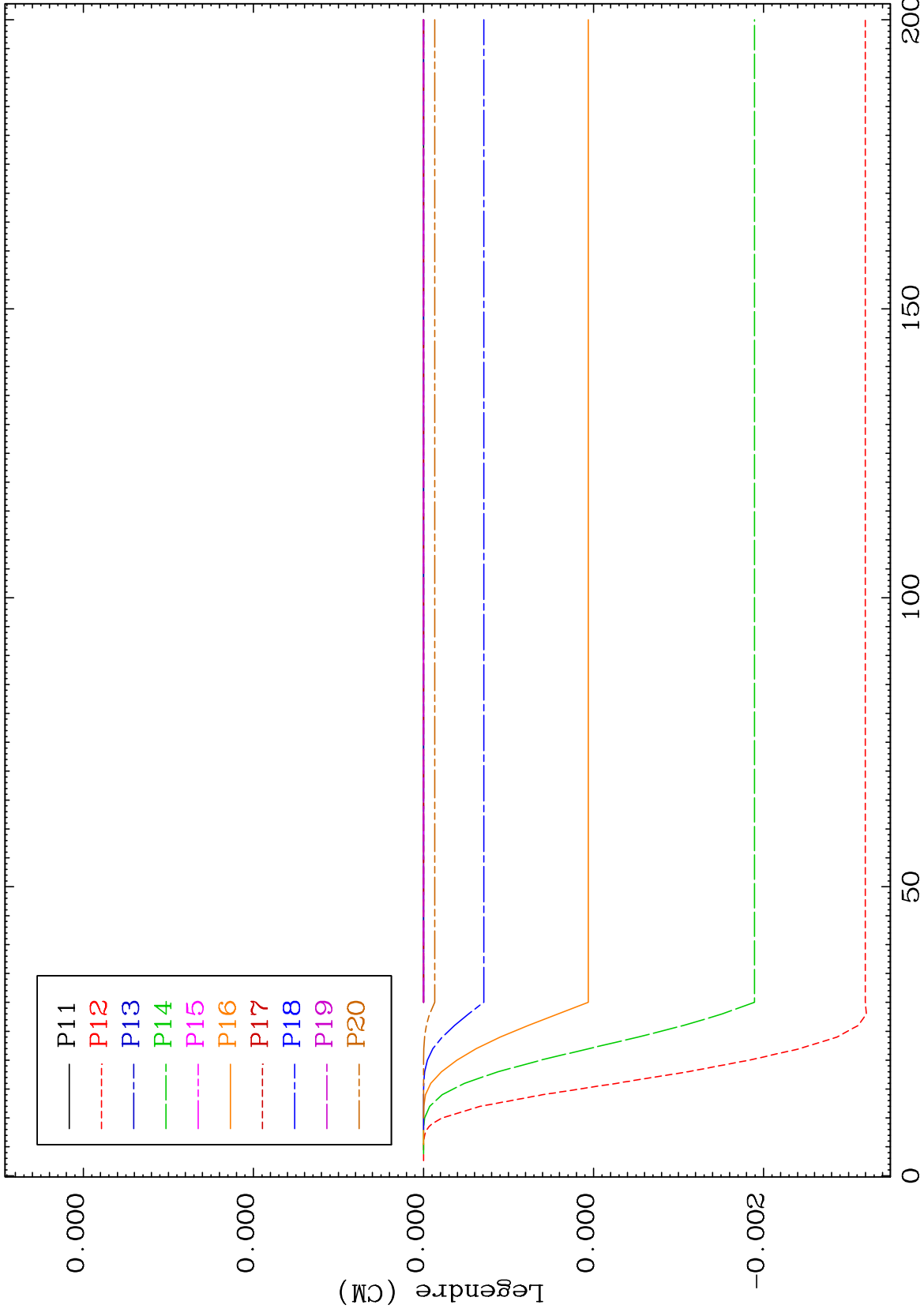
43

72-Hf-176

MAT 7231

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

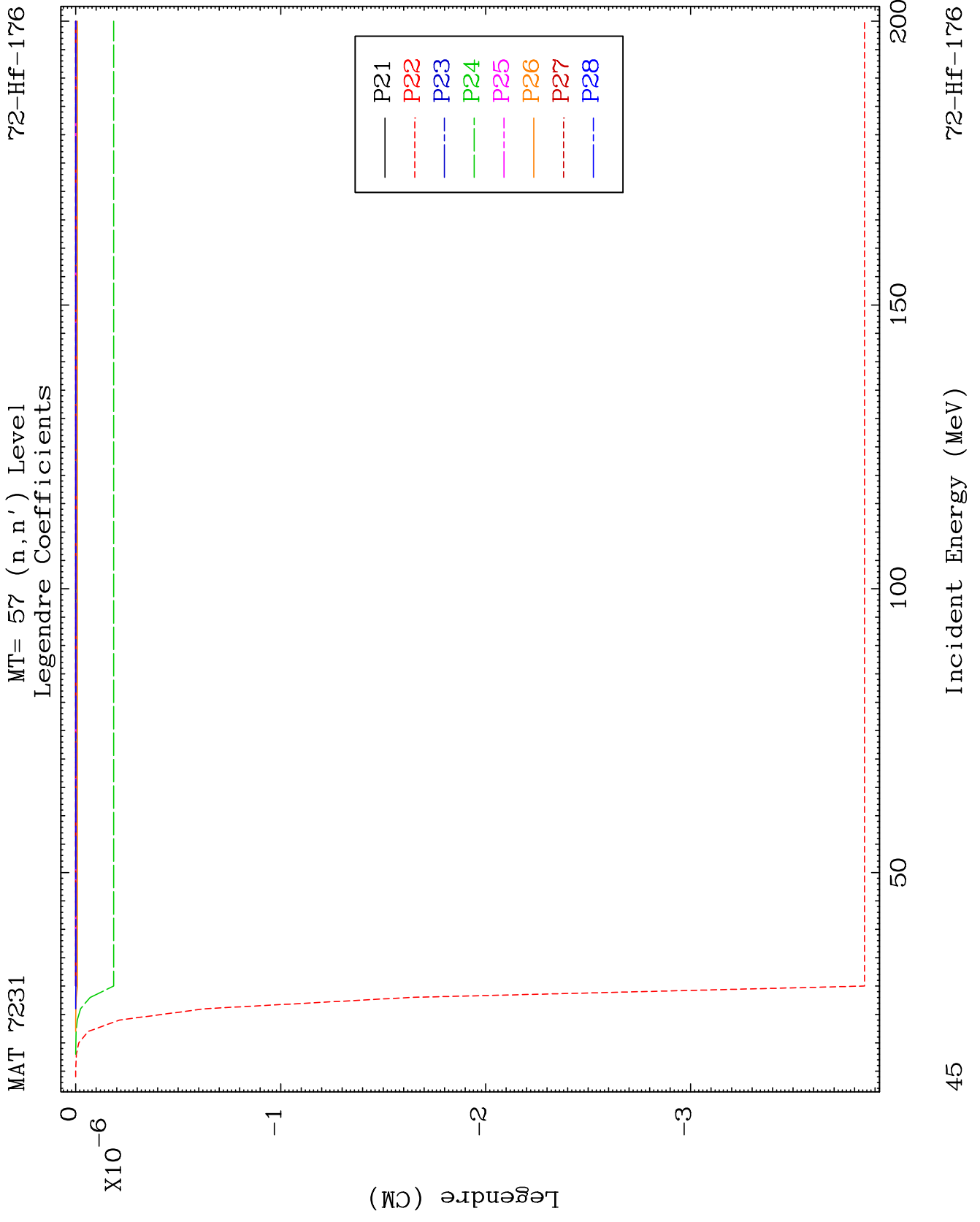
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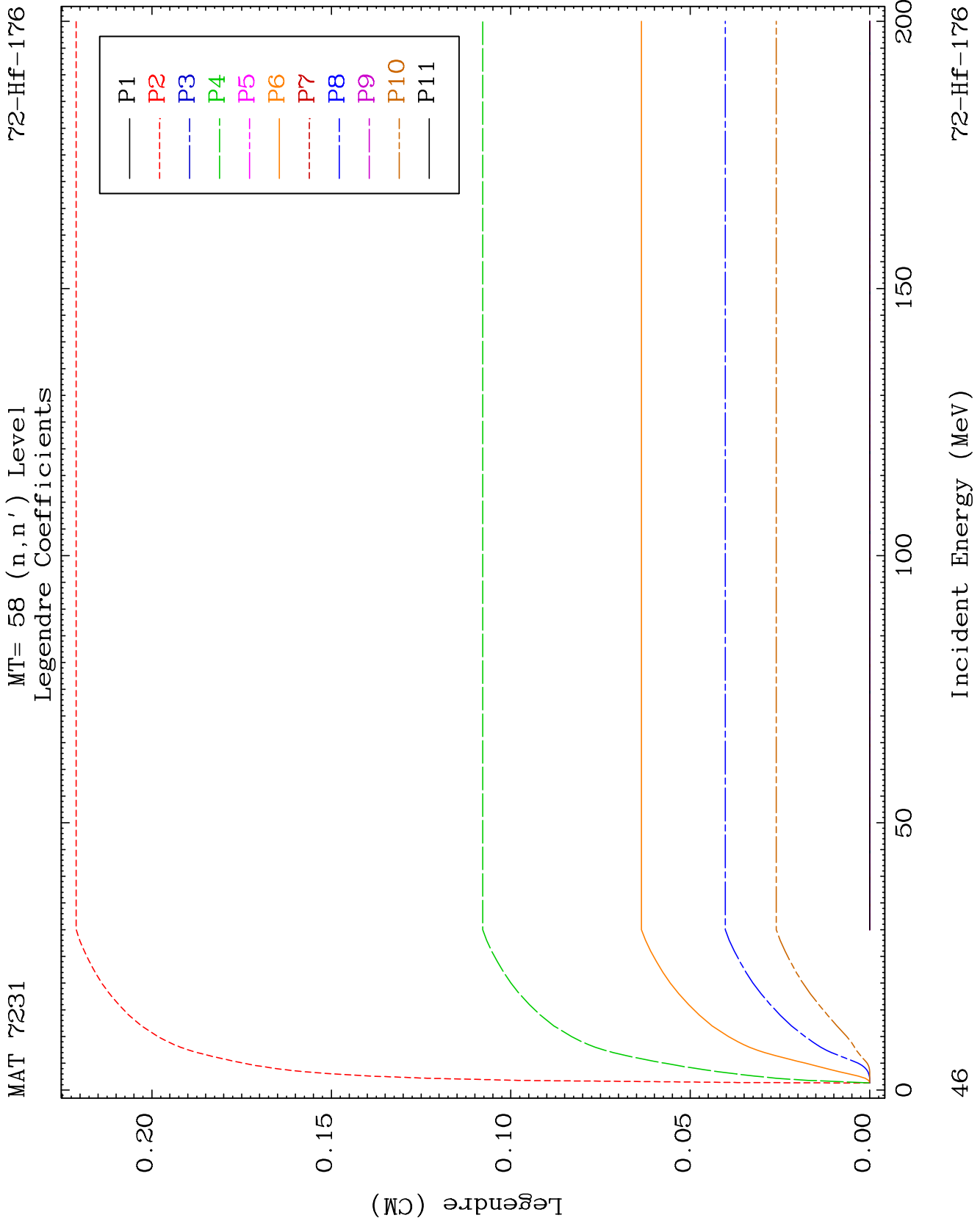


44

Incident Energy (MeV)

72-Hf-176

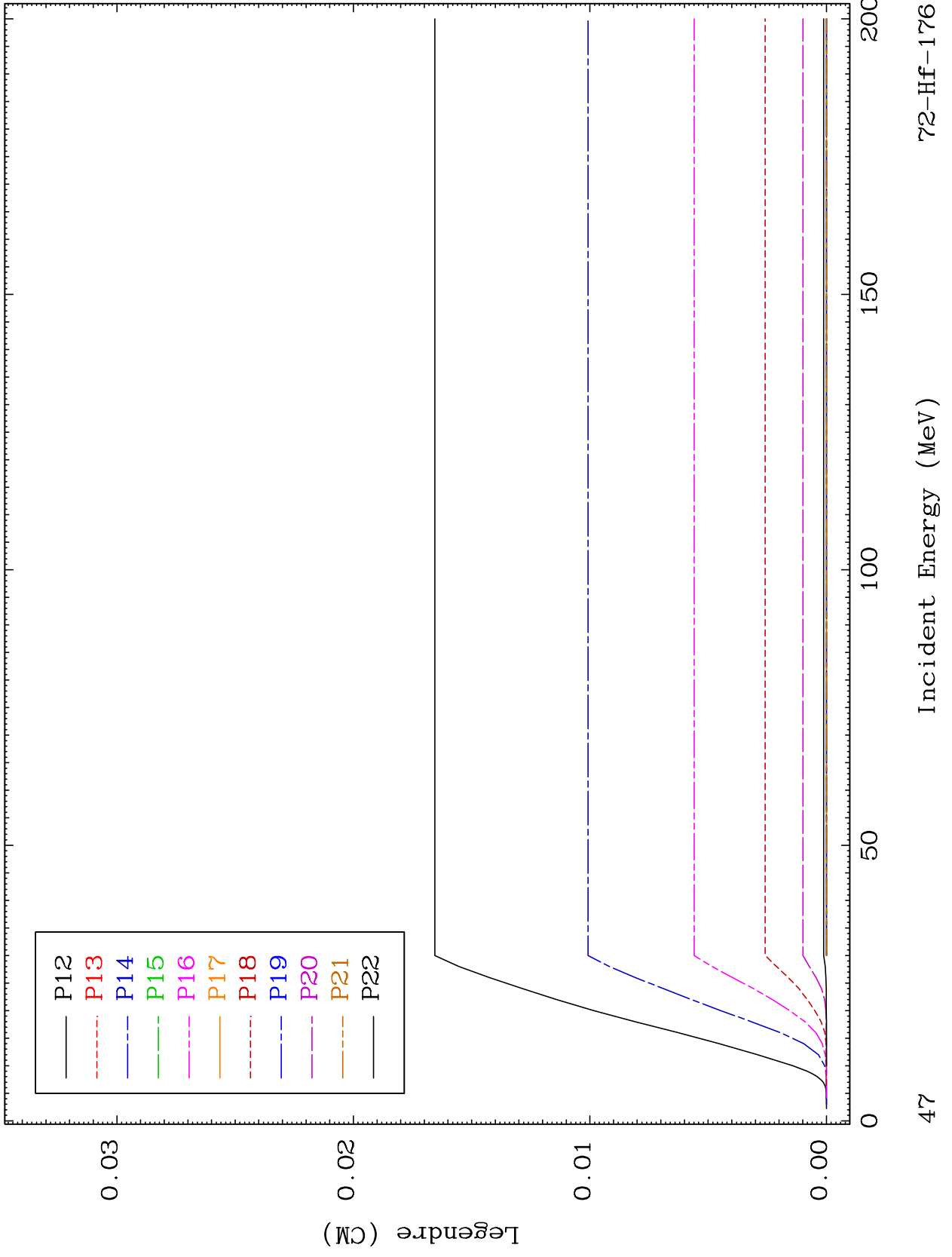




MAT 7231

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

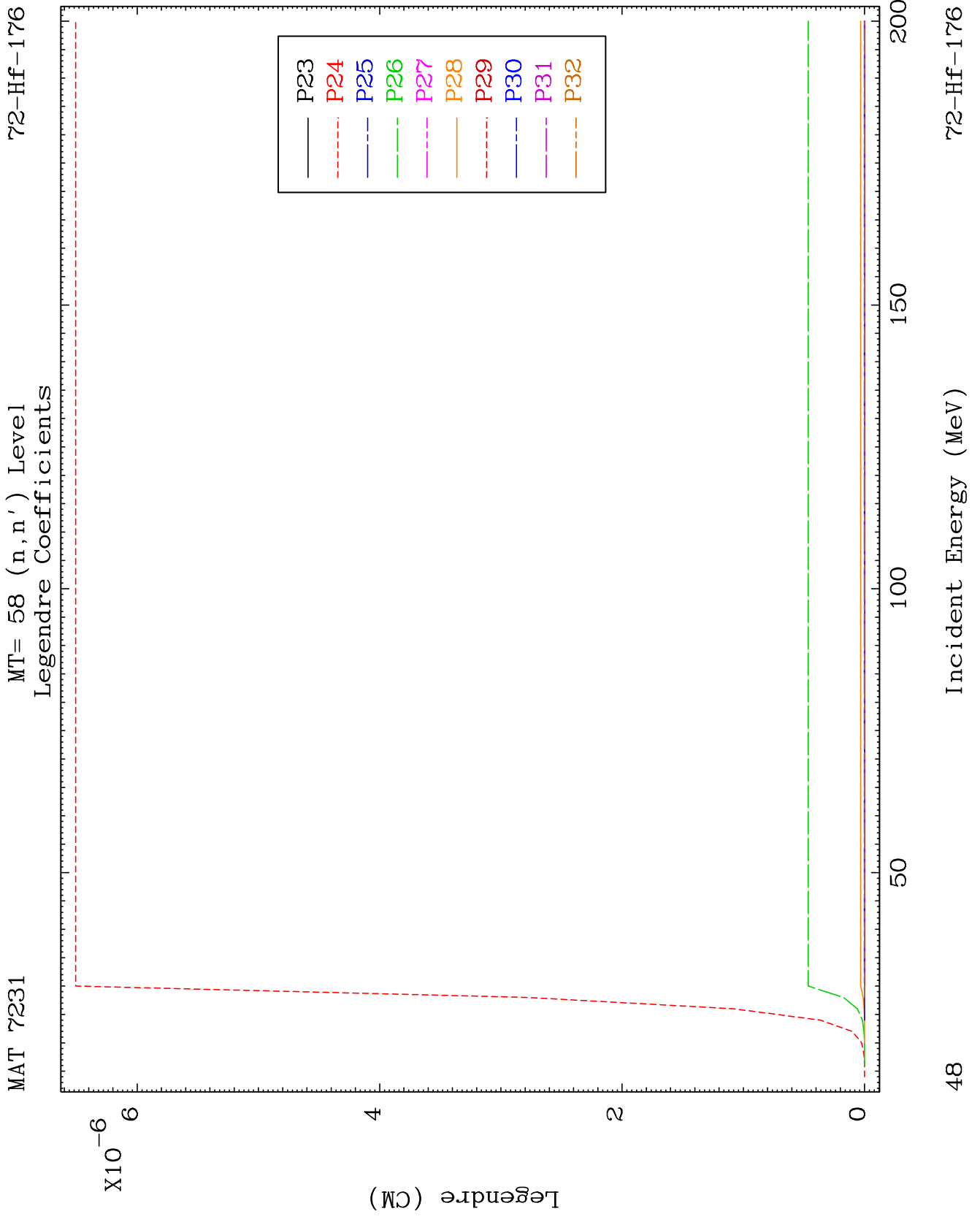
72-Hf-176



47

Incident Energy (MeV)

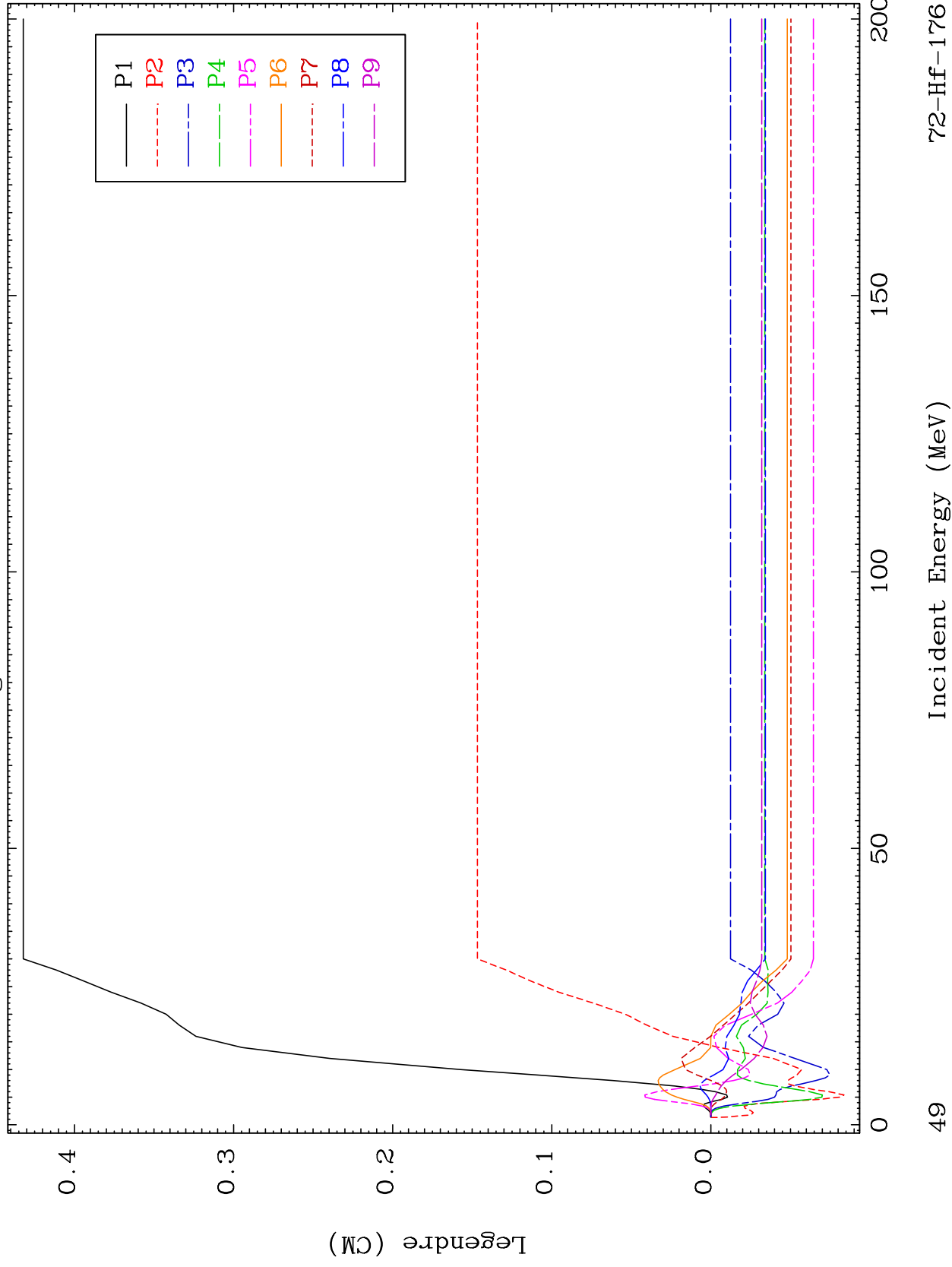
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

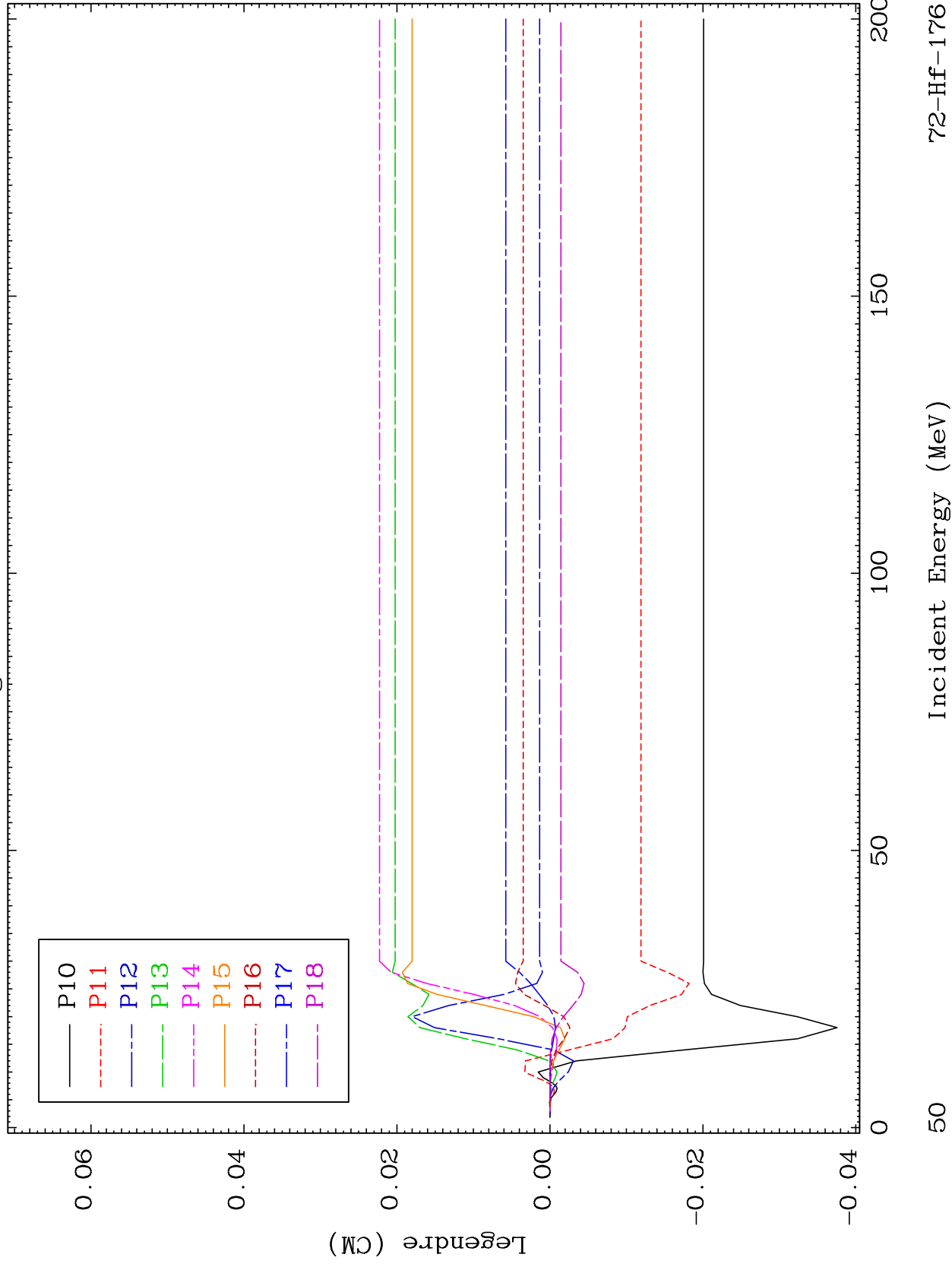
Incident Energy (MeV)

49

MAT 7231

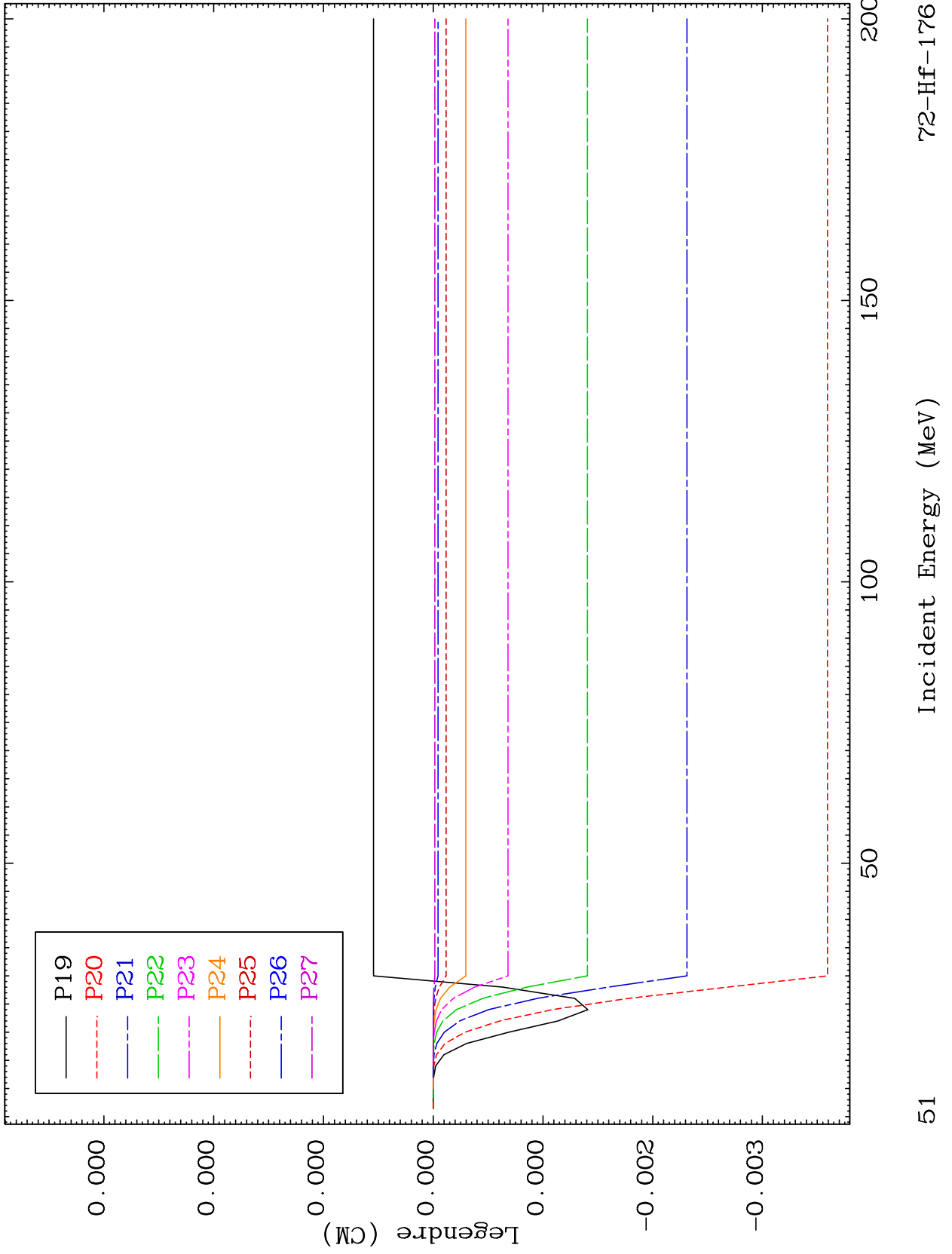
MT= 59 (n,n') Level
Legendre Coefficients

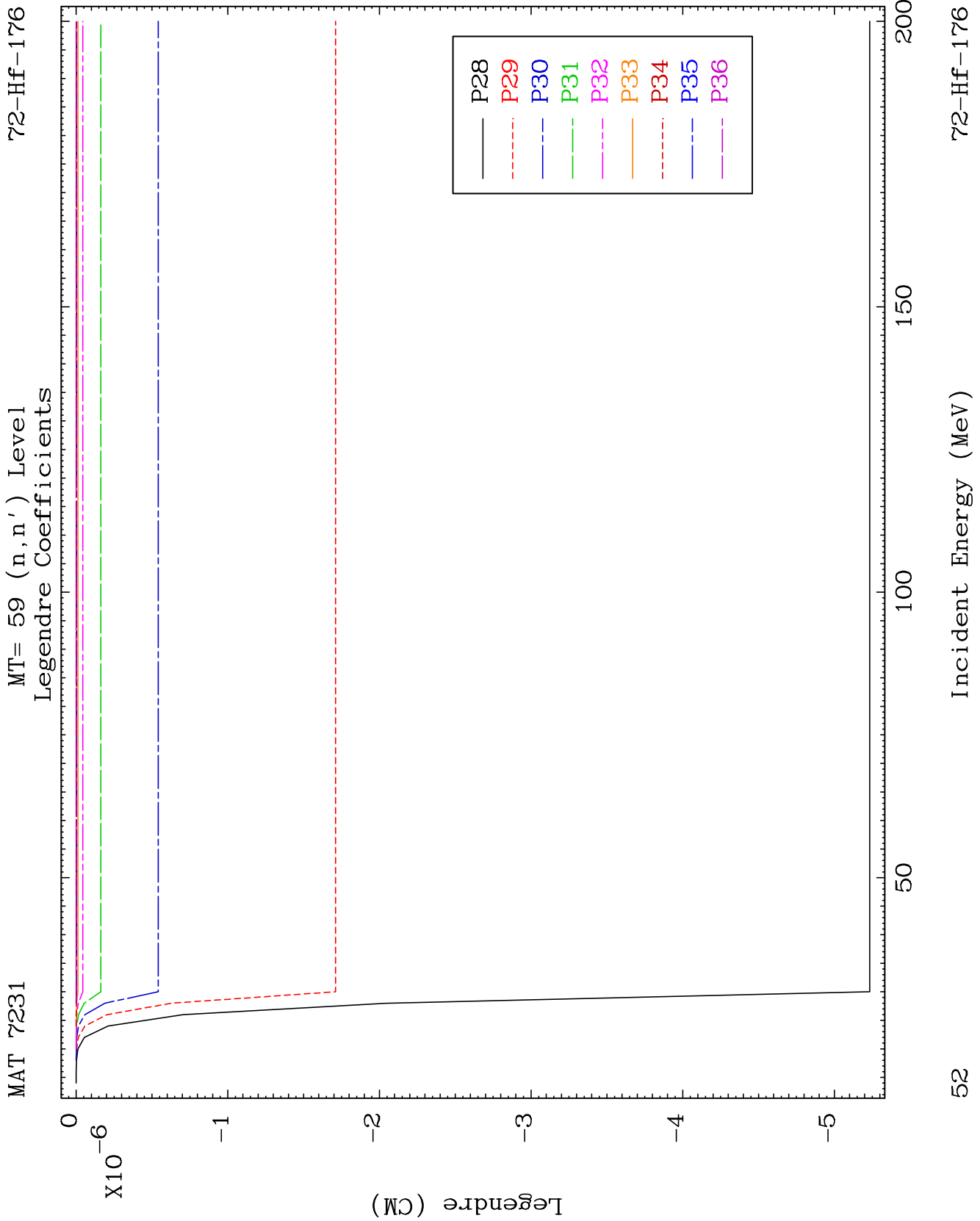
72-Hf-176



72-Hf-176

Incident Energy (MeV)

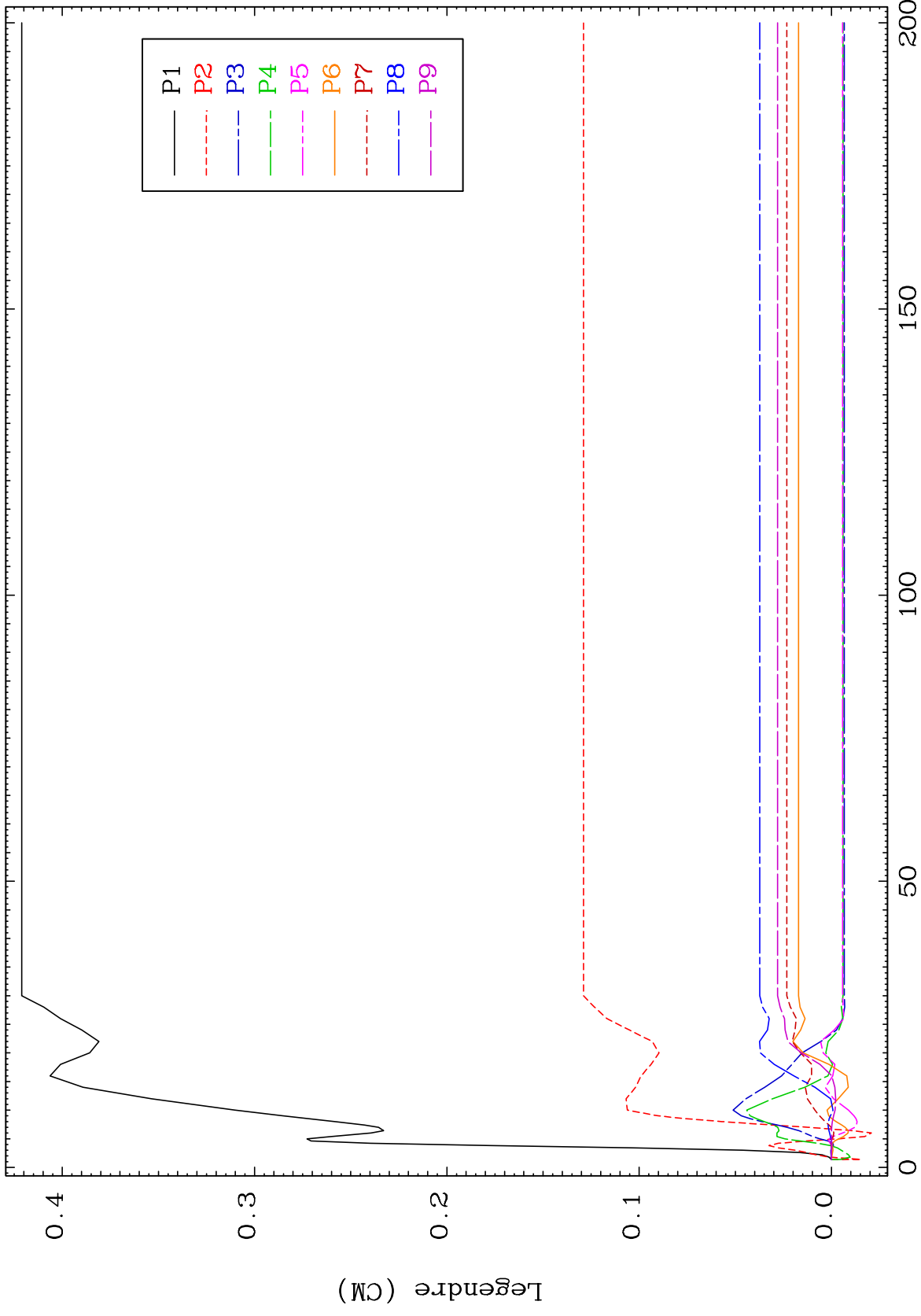




MAT 7231

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

72-Hf-176



53

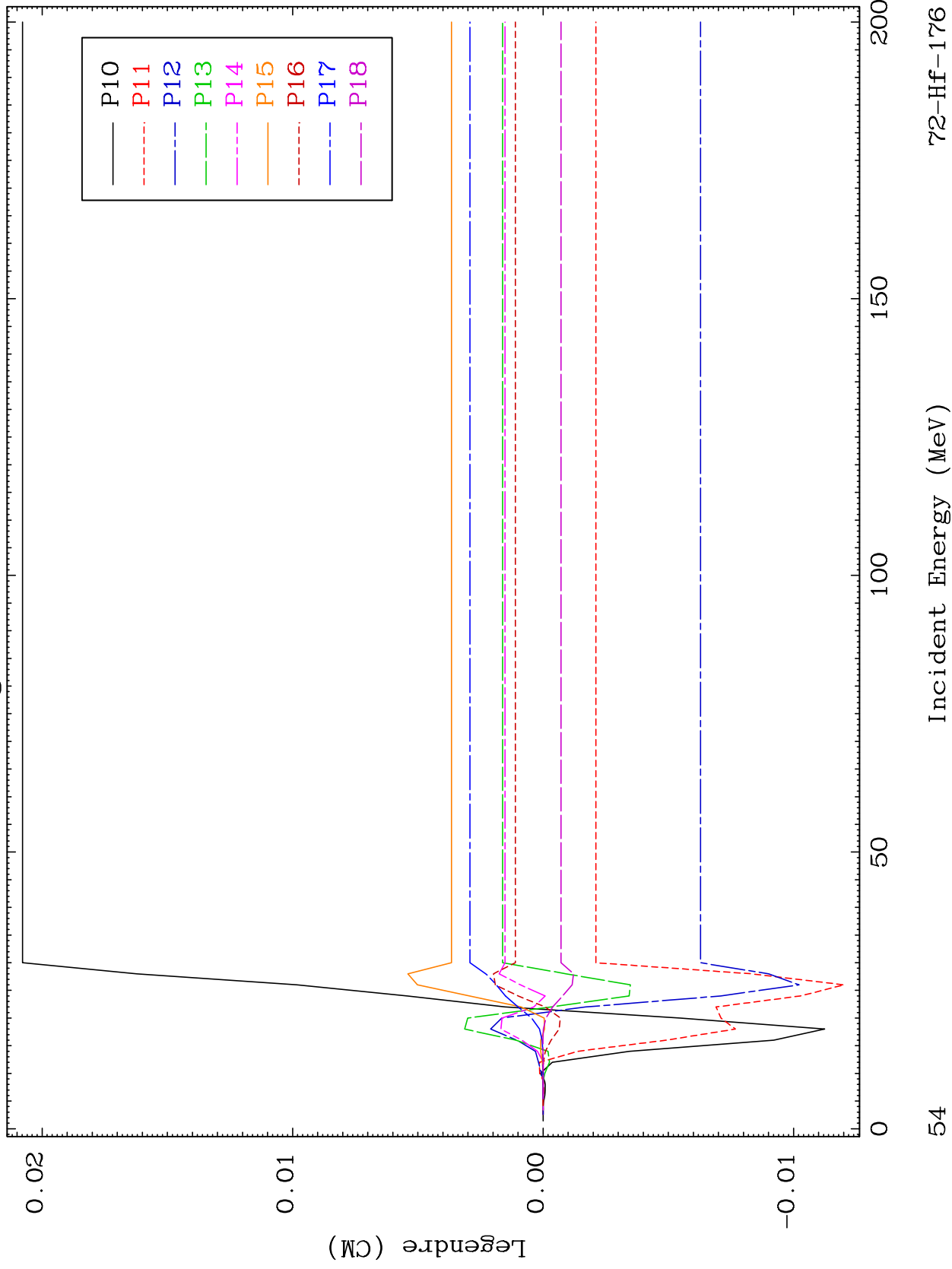
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



72-Hf-176

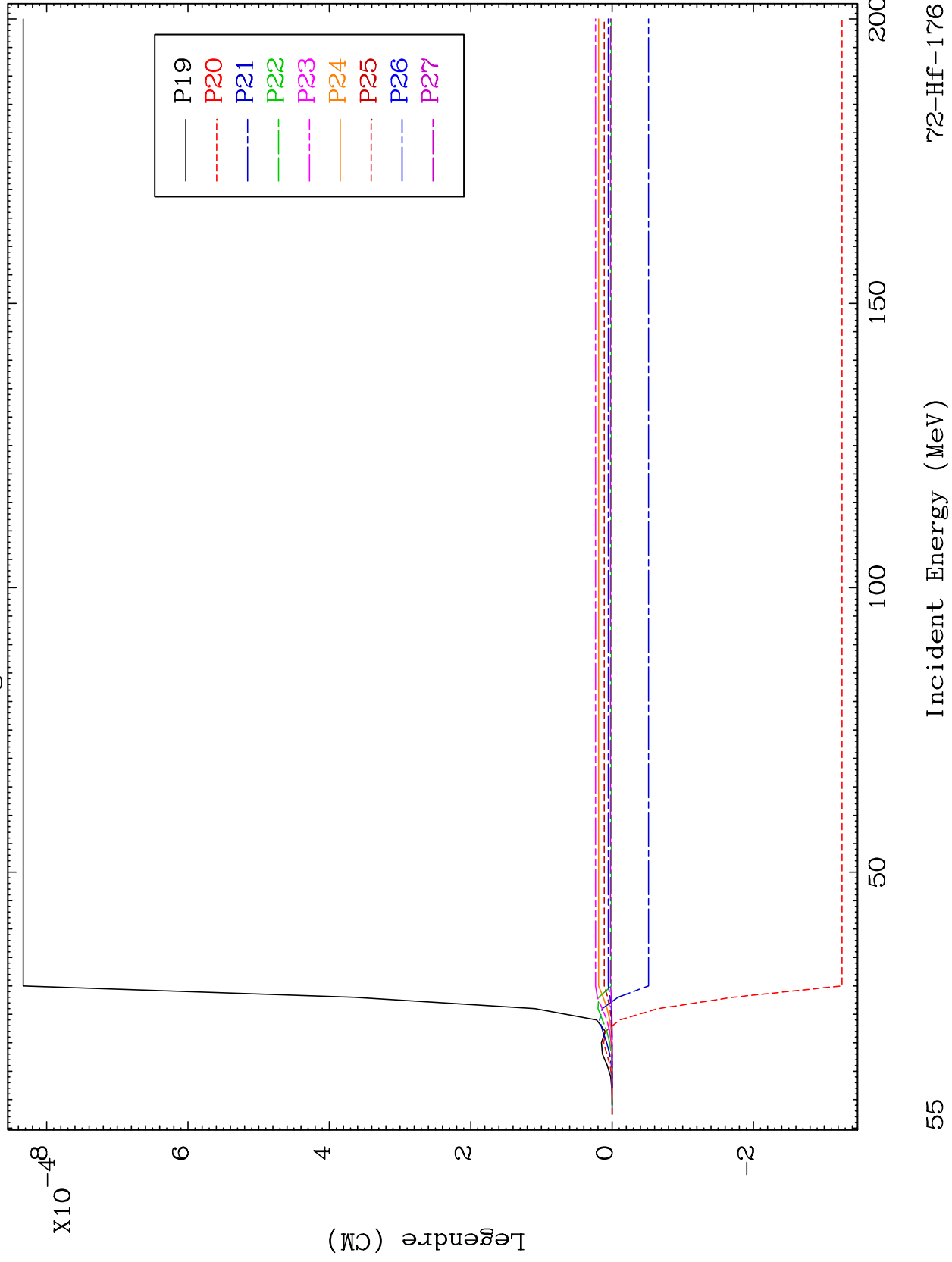
Incident Energy (MeV)

54

MAT 7231

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

72-Hf-176



55

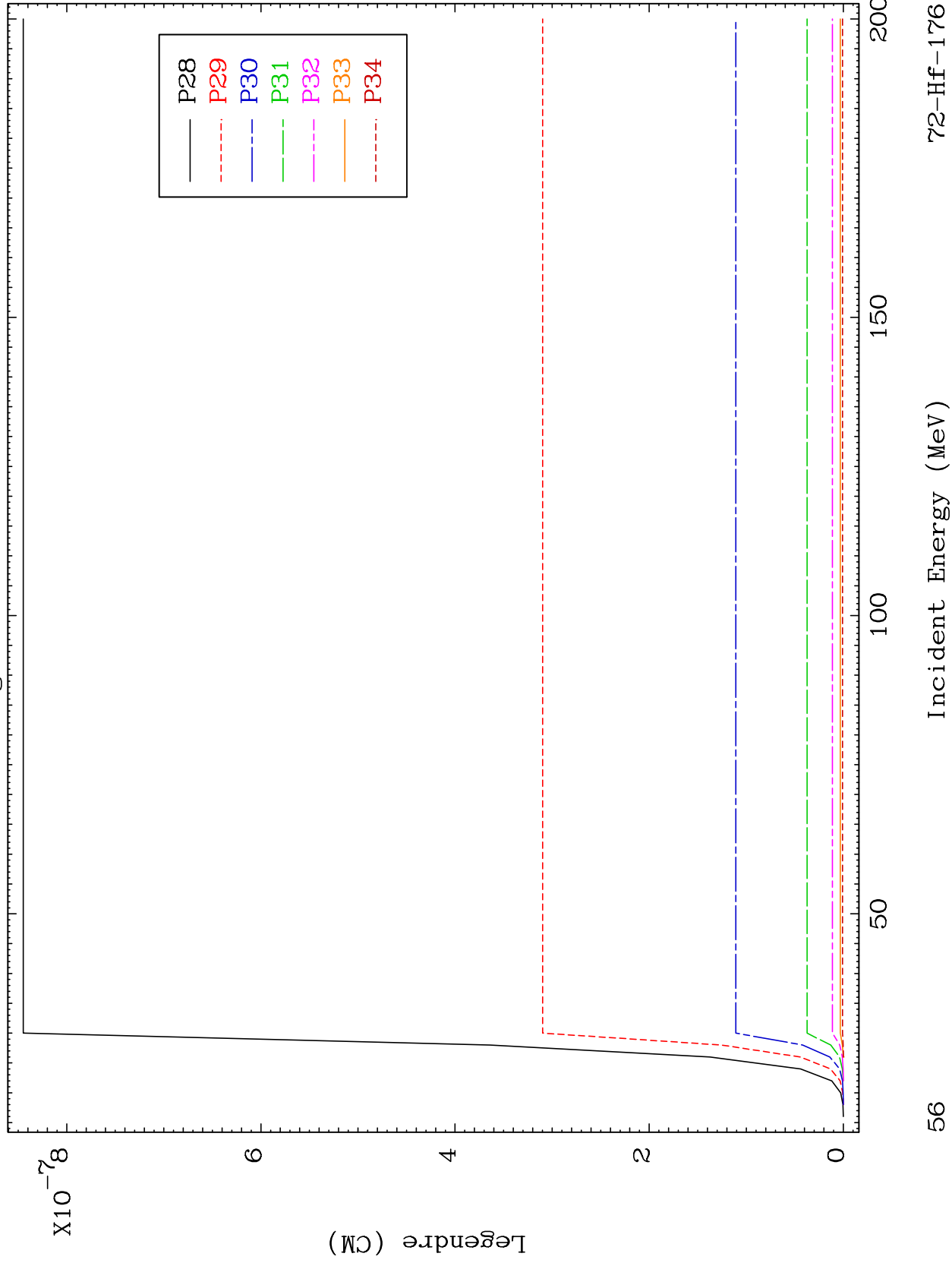
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



56

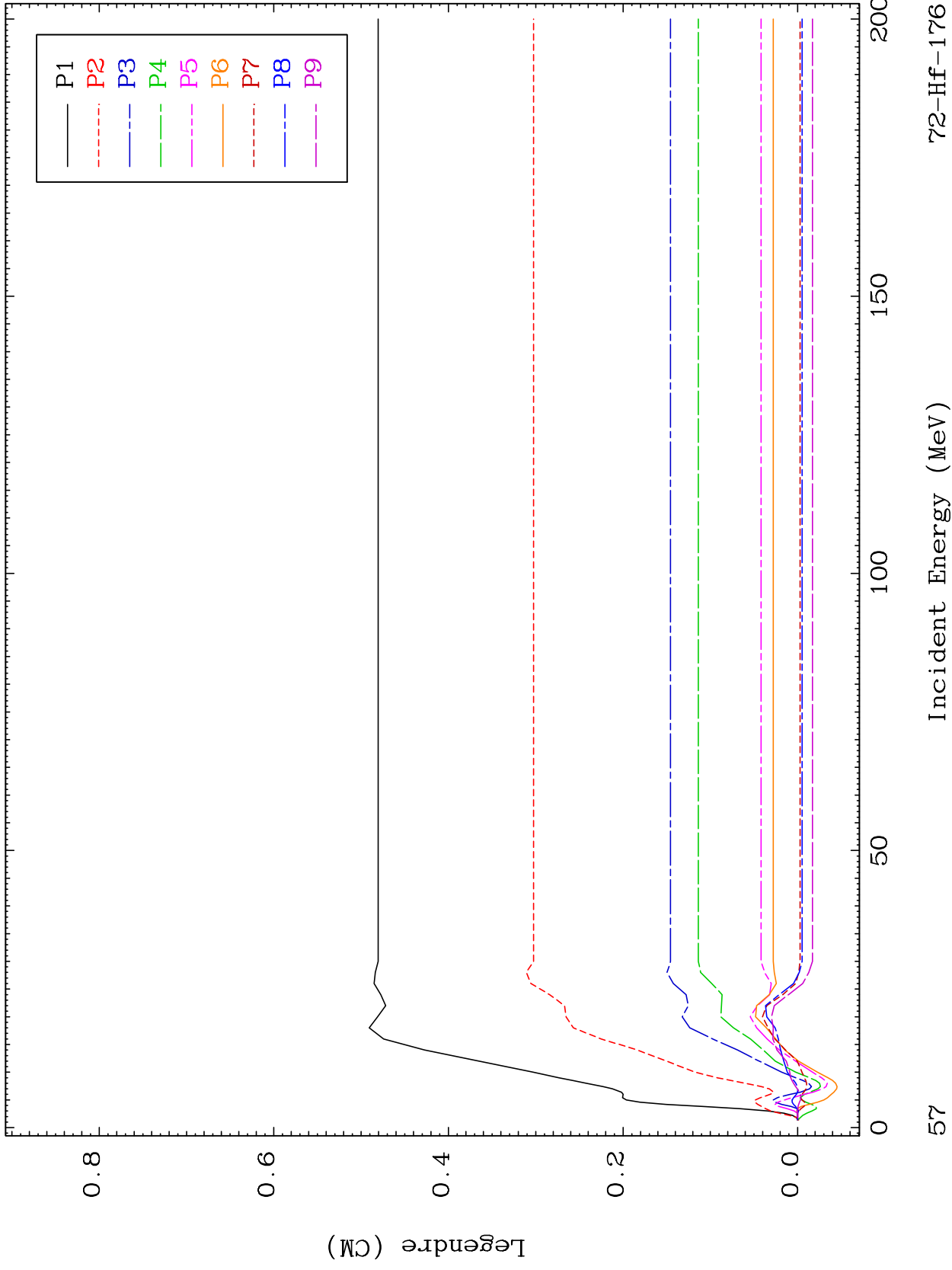
Incident Energy (MeV)

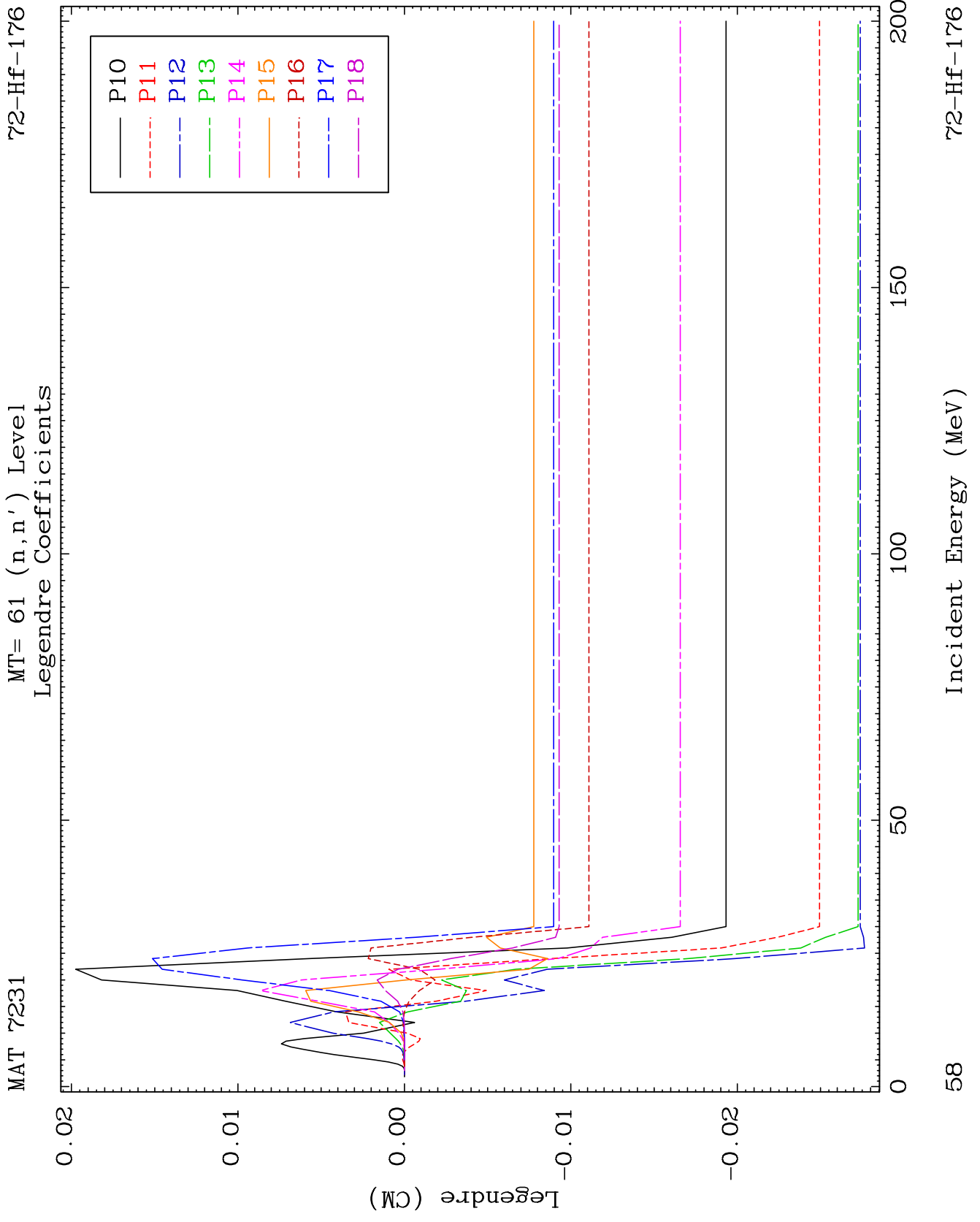
72-Hf-176

MAT 7231

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

72-Hf-176

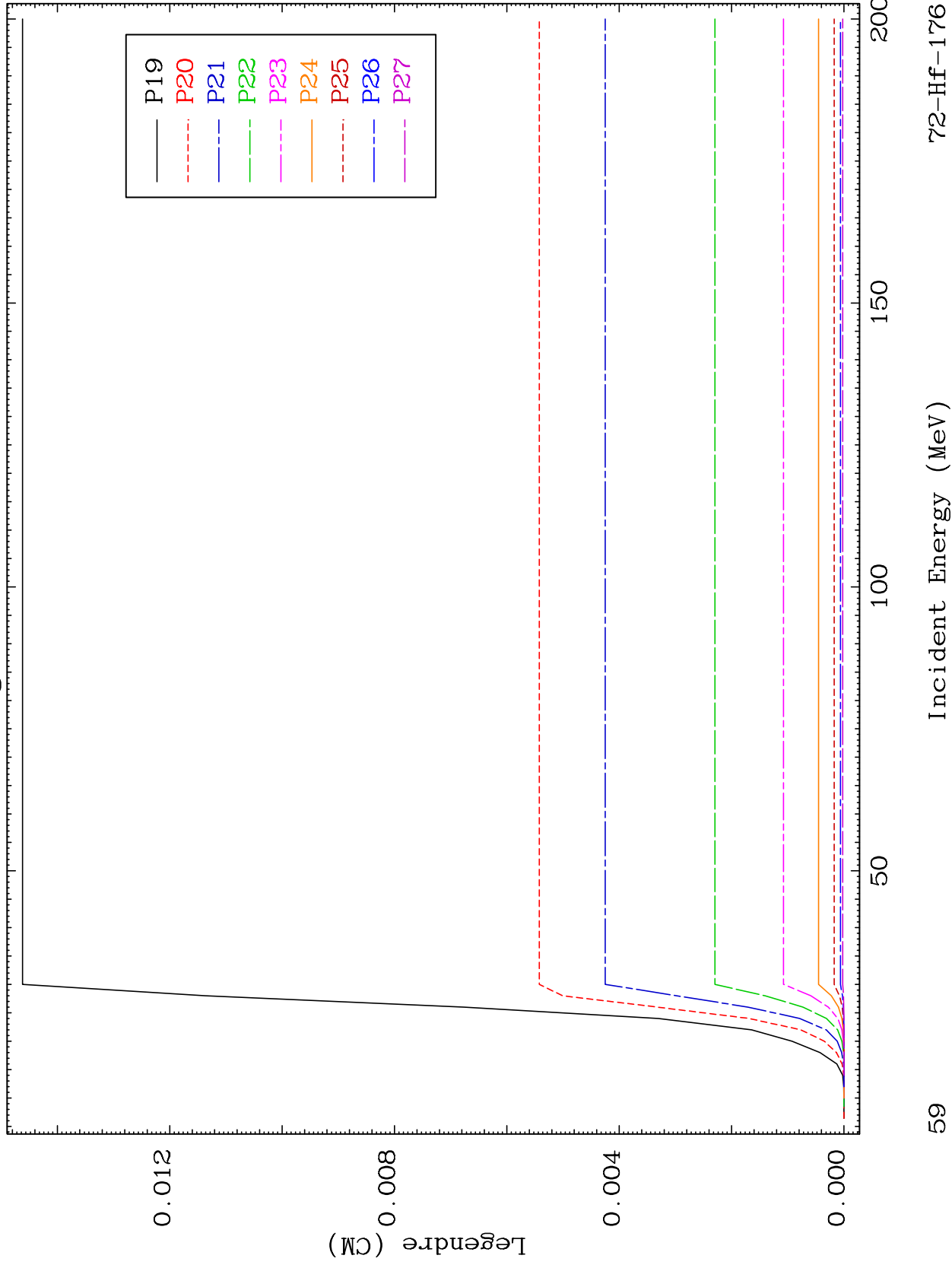




MAT 7231

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

72-Hf-176



59

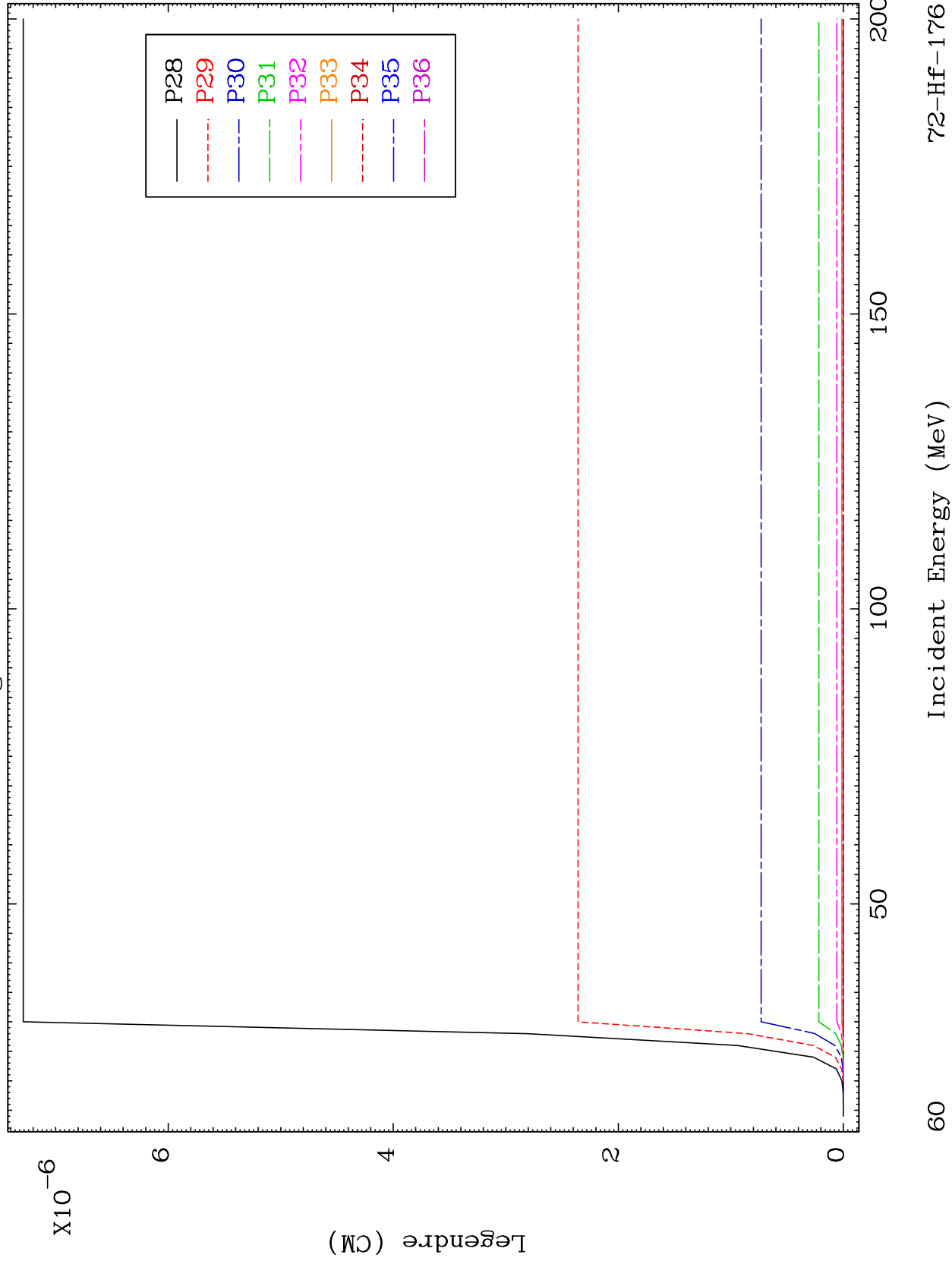
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

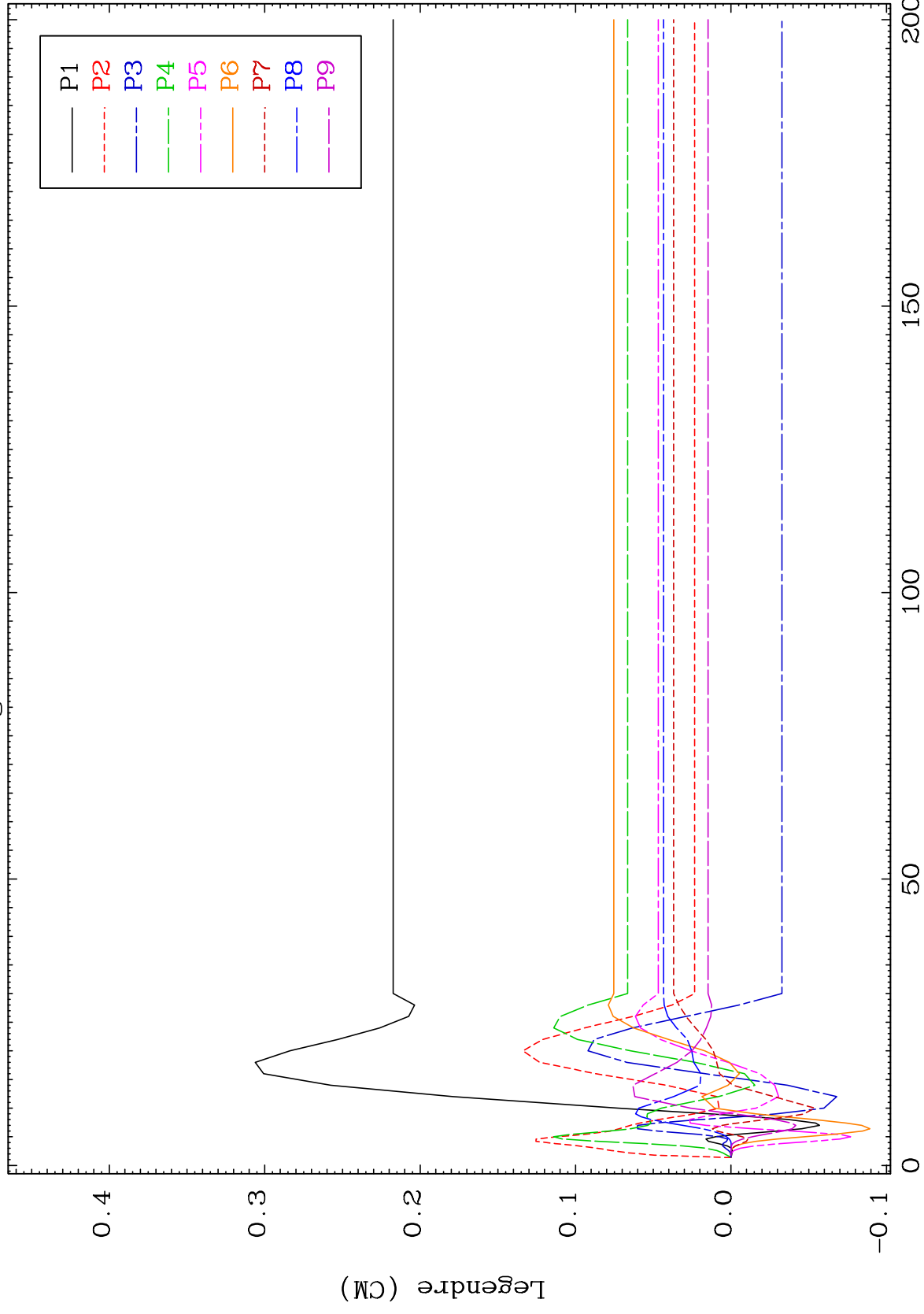
72-Hf-176



MAT 7231

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

72-Hf-176



61

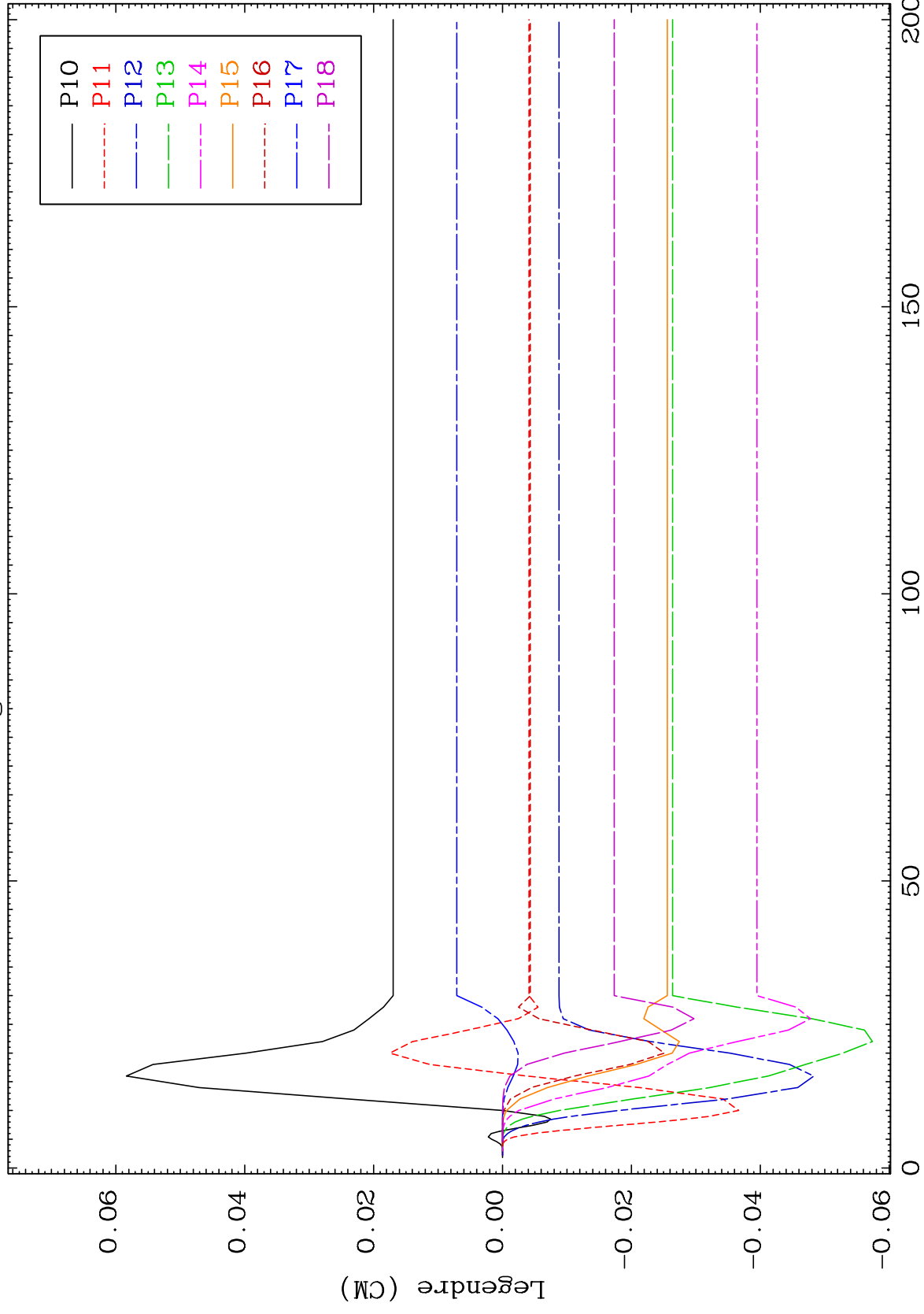
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



62

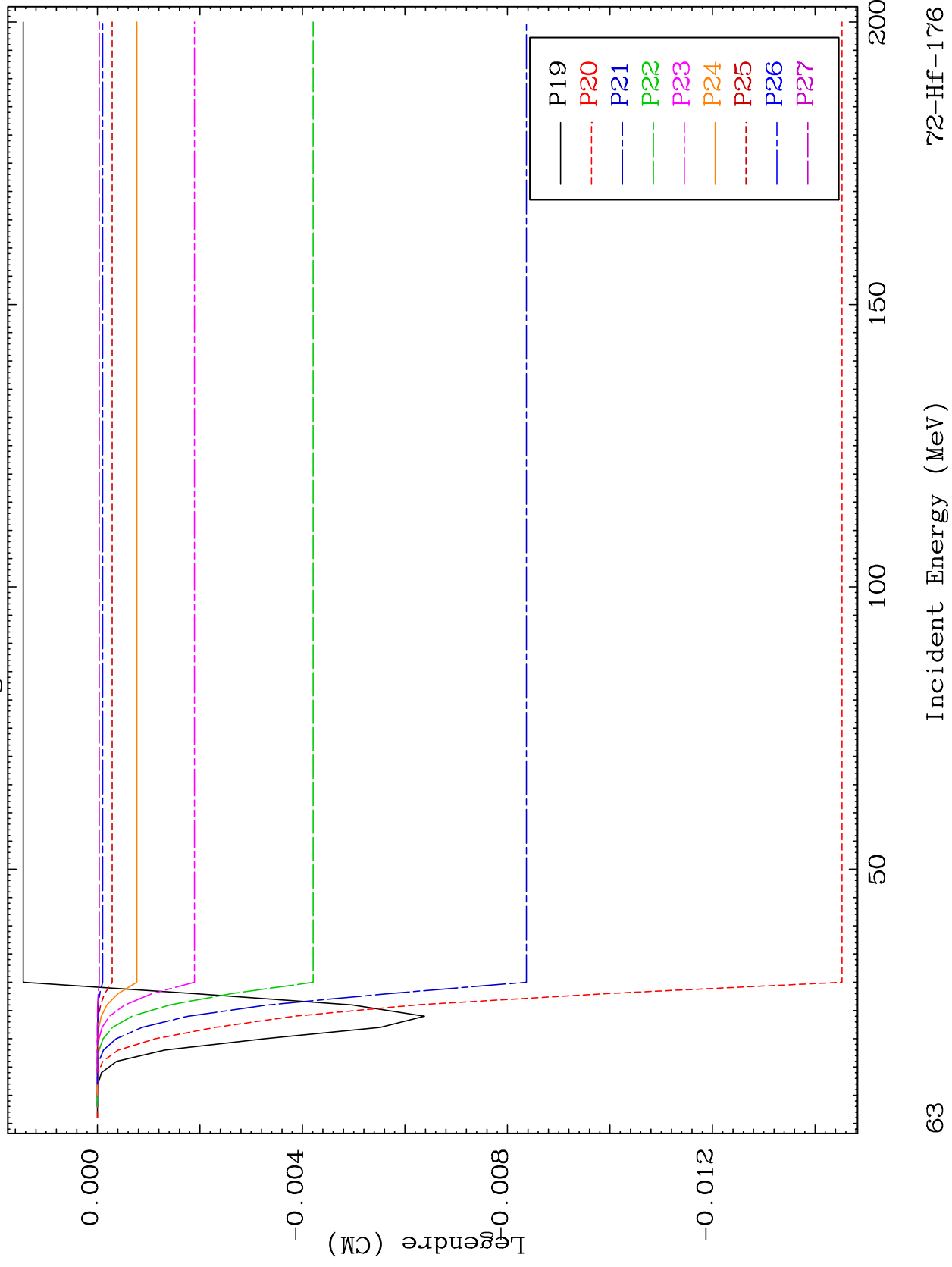
Incident Energy (MeV)

72-Hf-176

MAT 7231

72-Hf-176

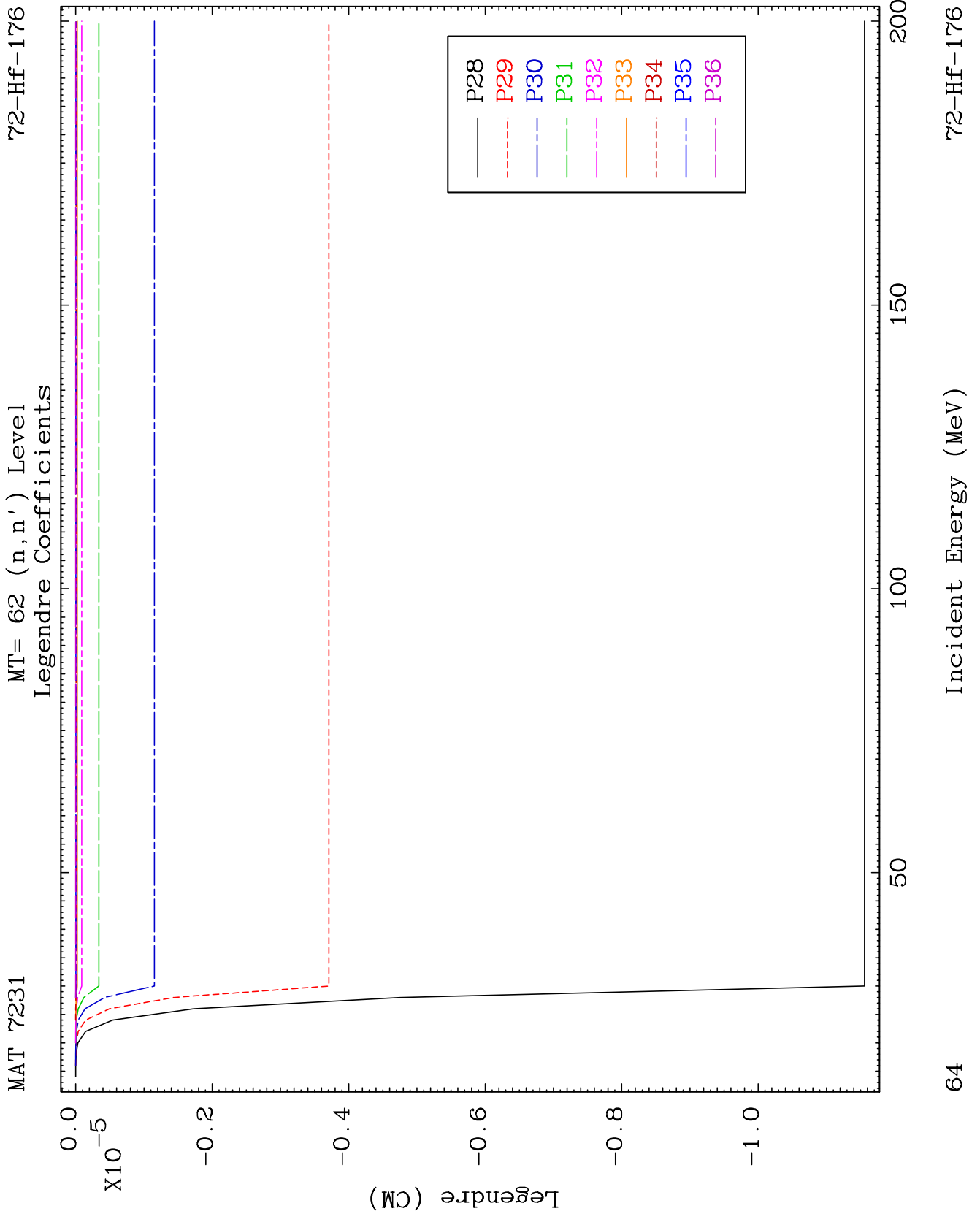
MT= 62 (n,n') Level
Legendre Coefficients



63

72-Hf-176

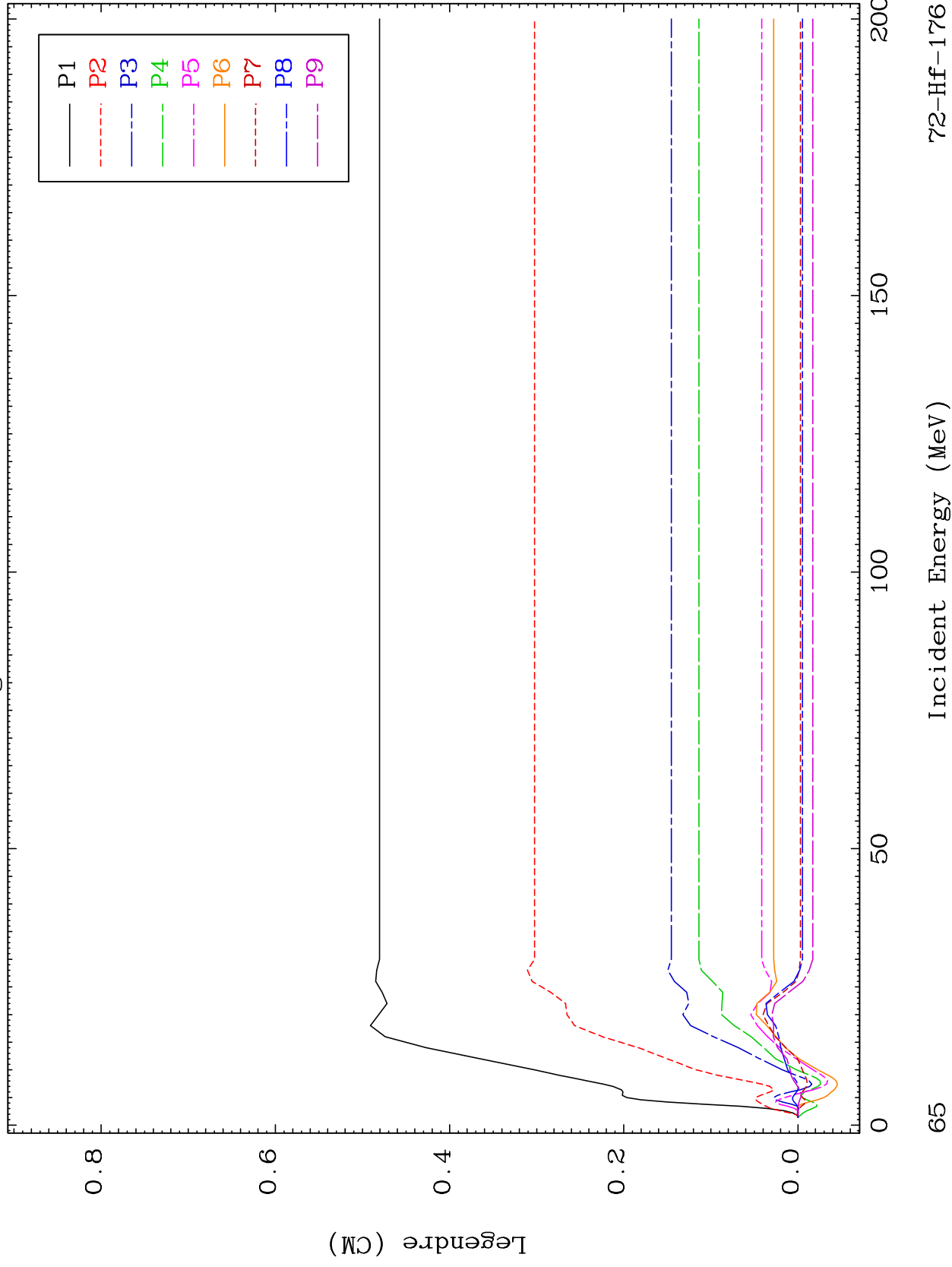
Incident Energy (MeV)



MAT 7231

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

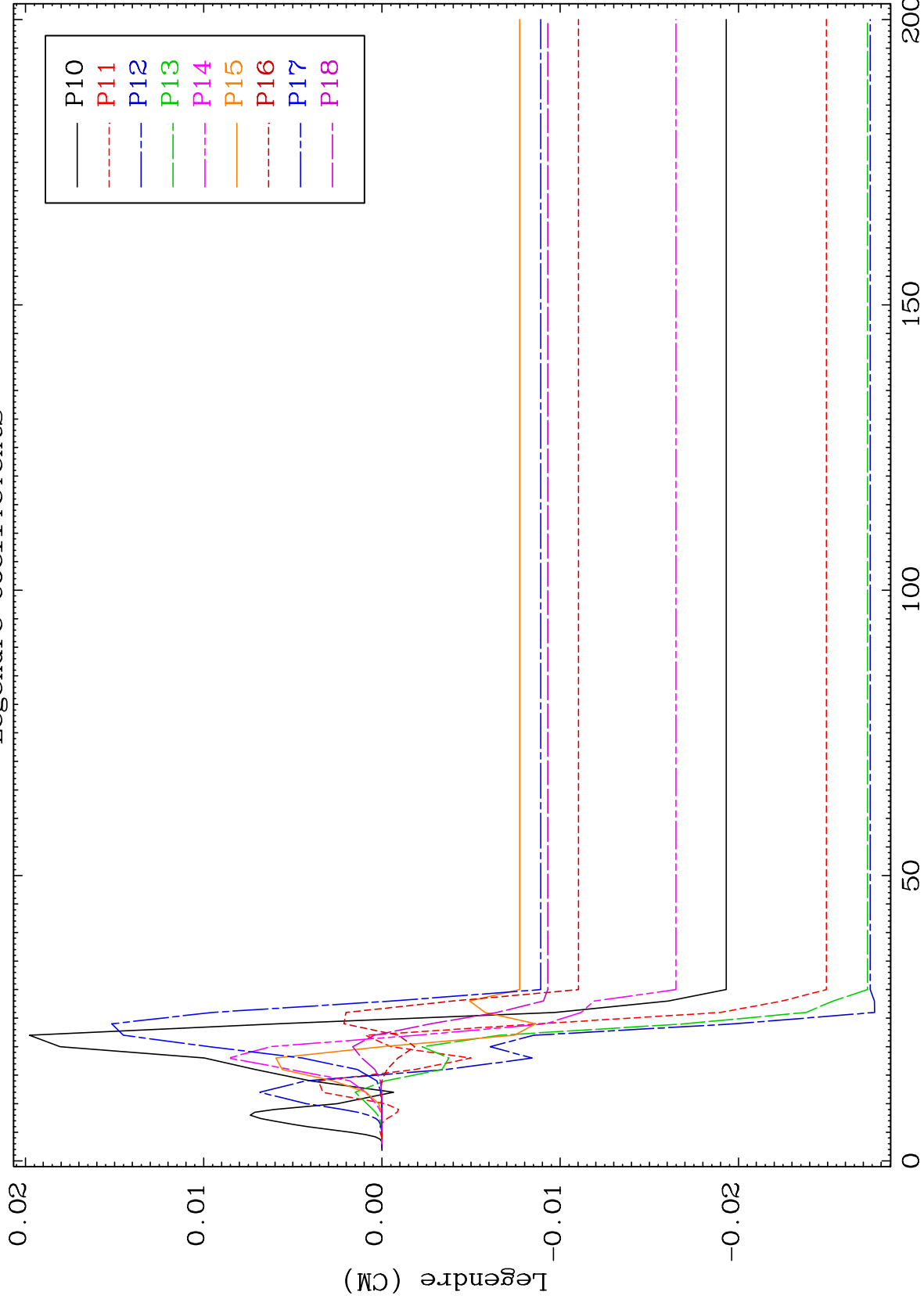
72-Hf-176



MAT 7231

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

72-Hf-176



66

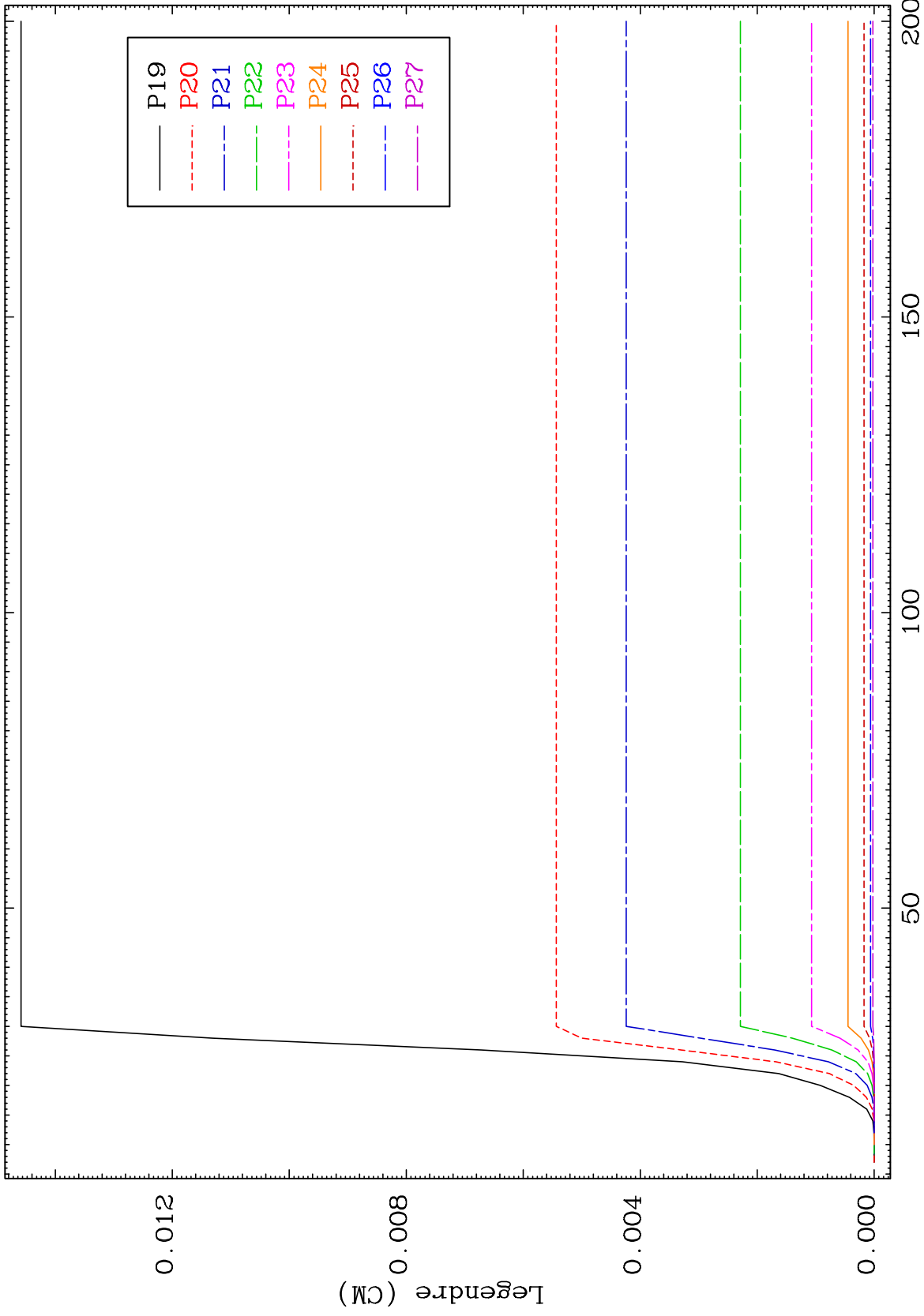
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



67

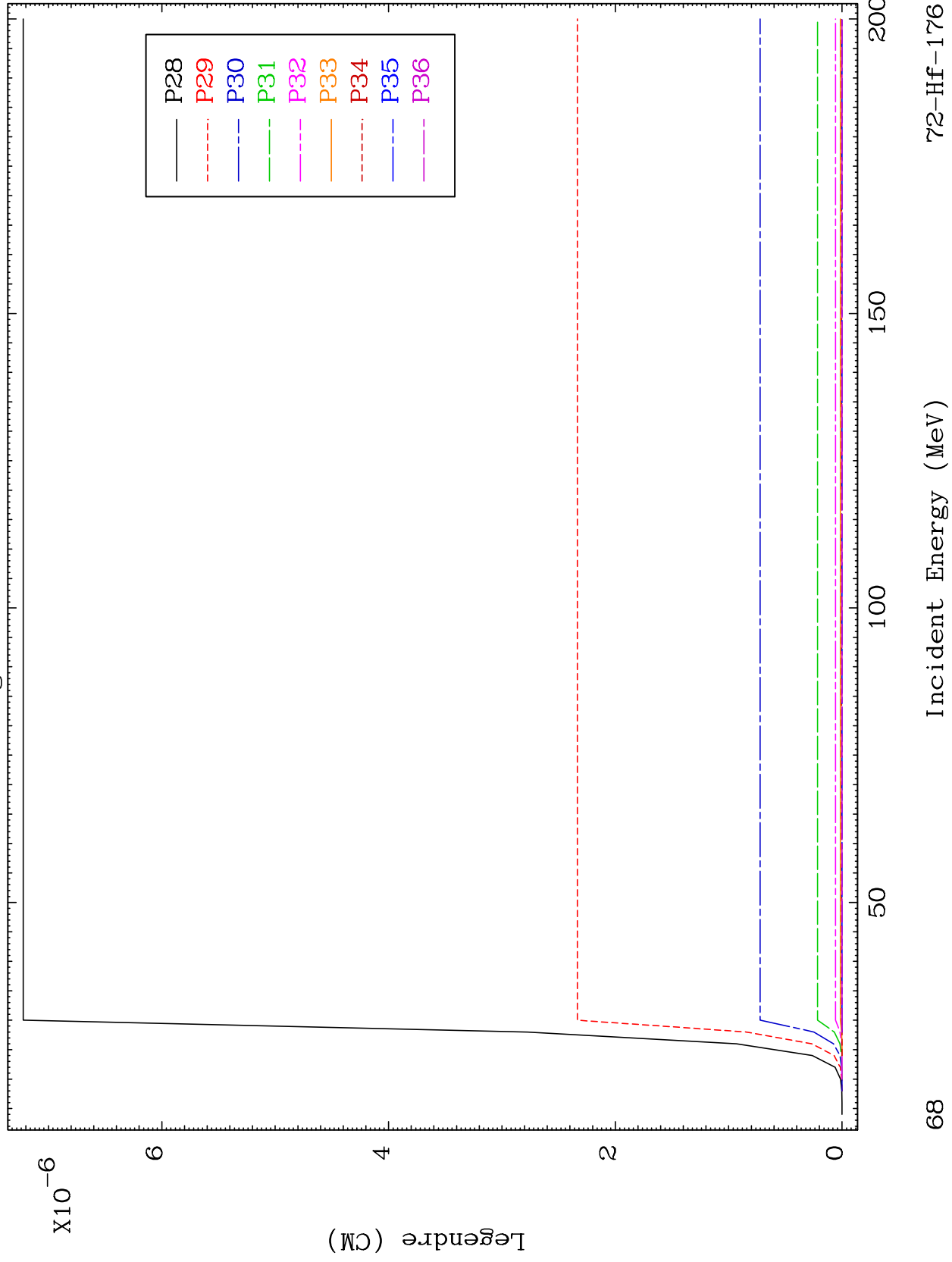
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176

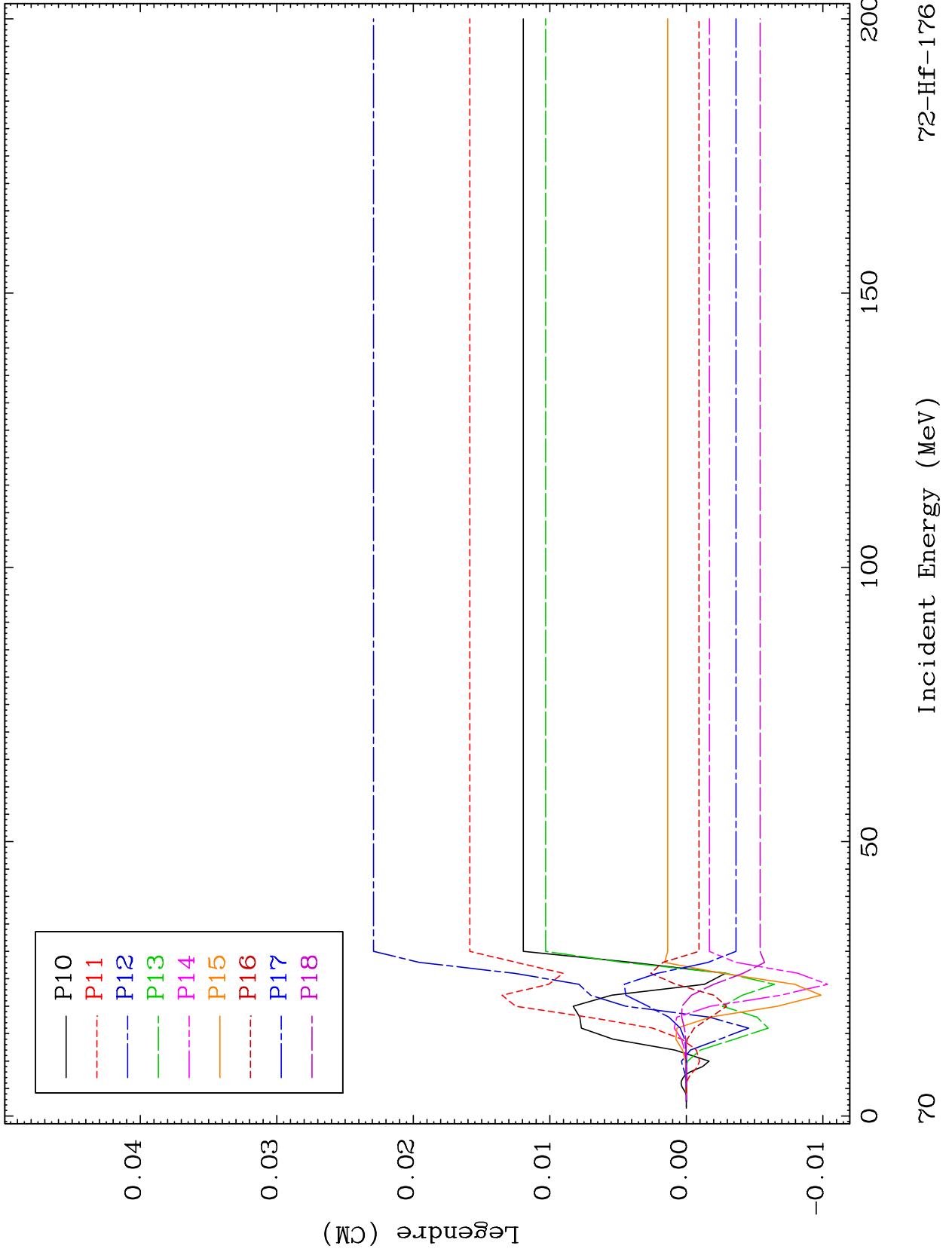


68

MAT 7231

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

72-Hf-176



72-Hf-176

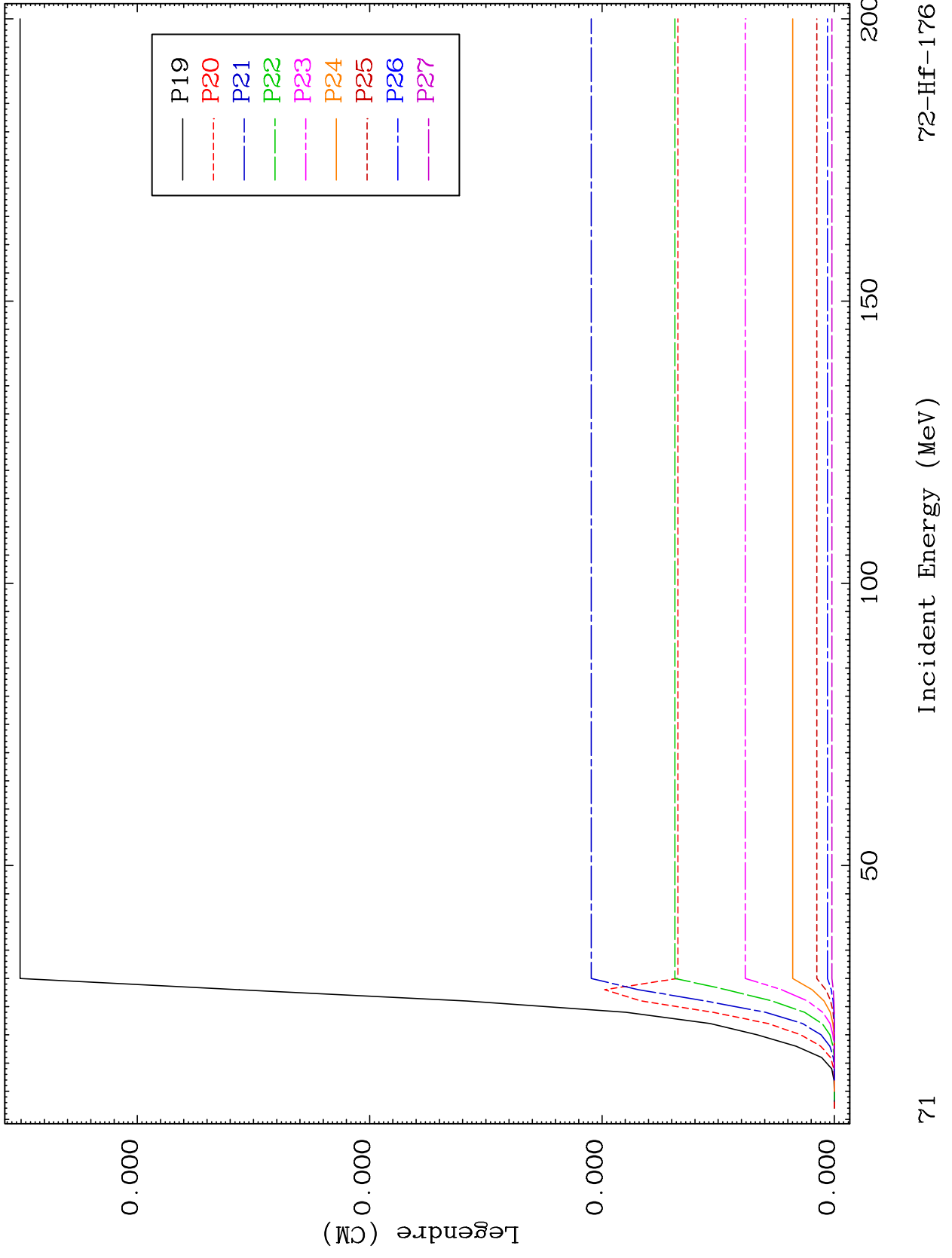
Incident Energy (MeV)

70

MAT 7231

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

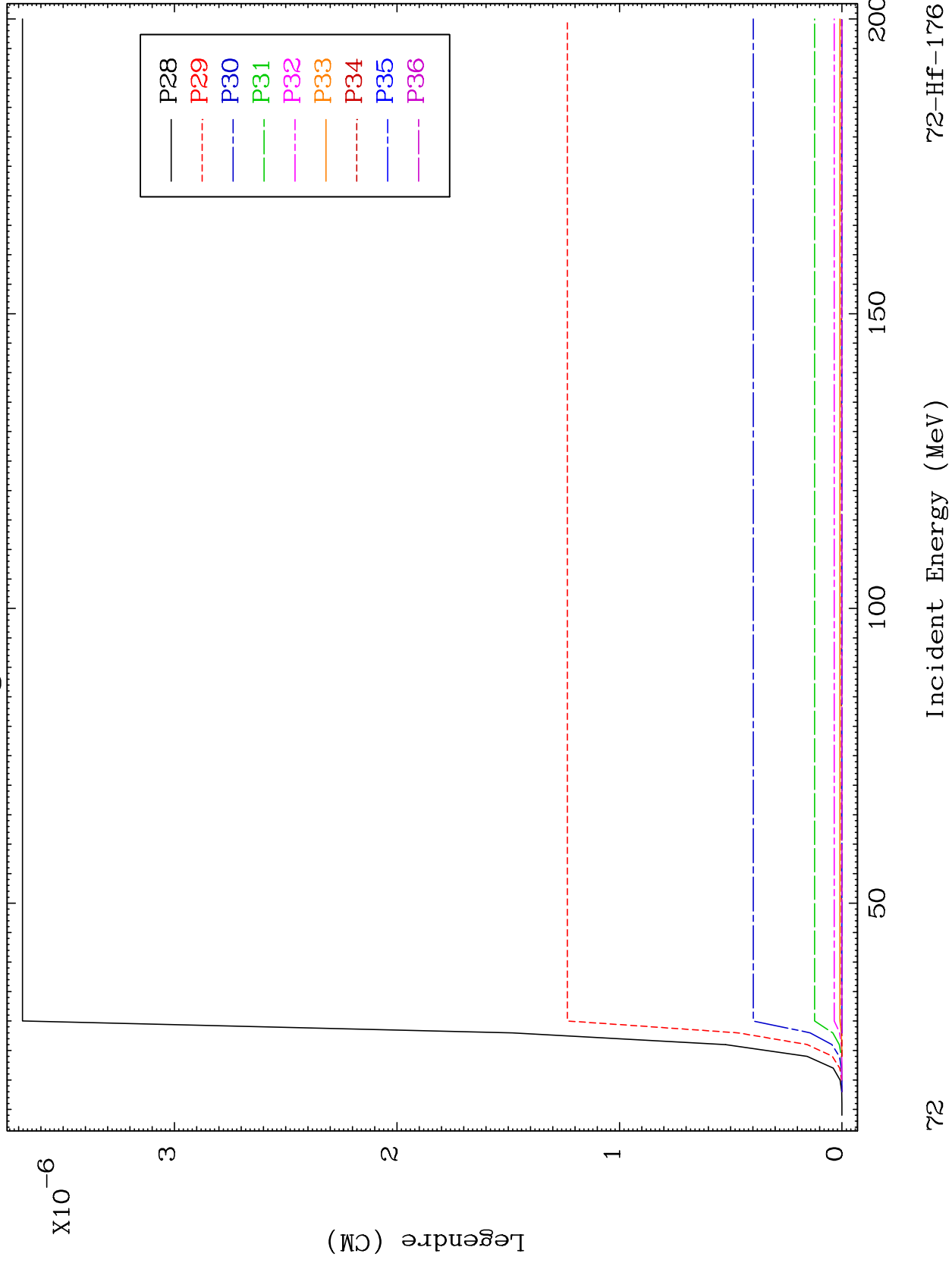
72-Hf-176

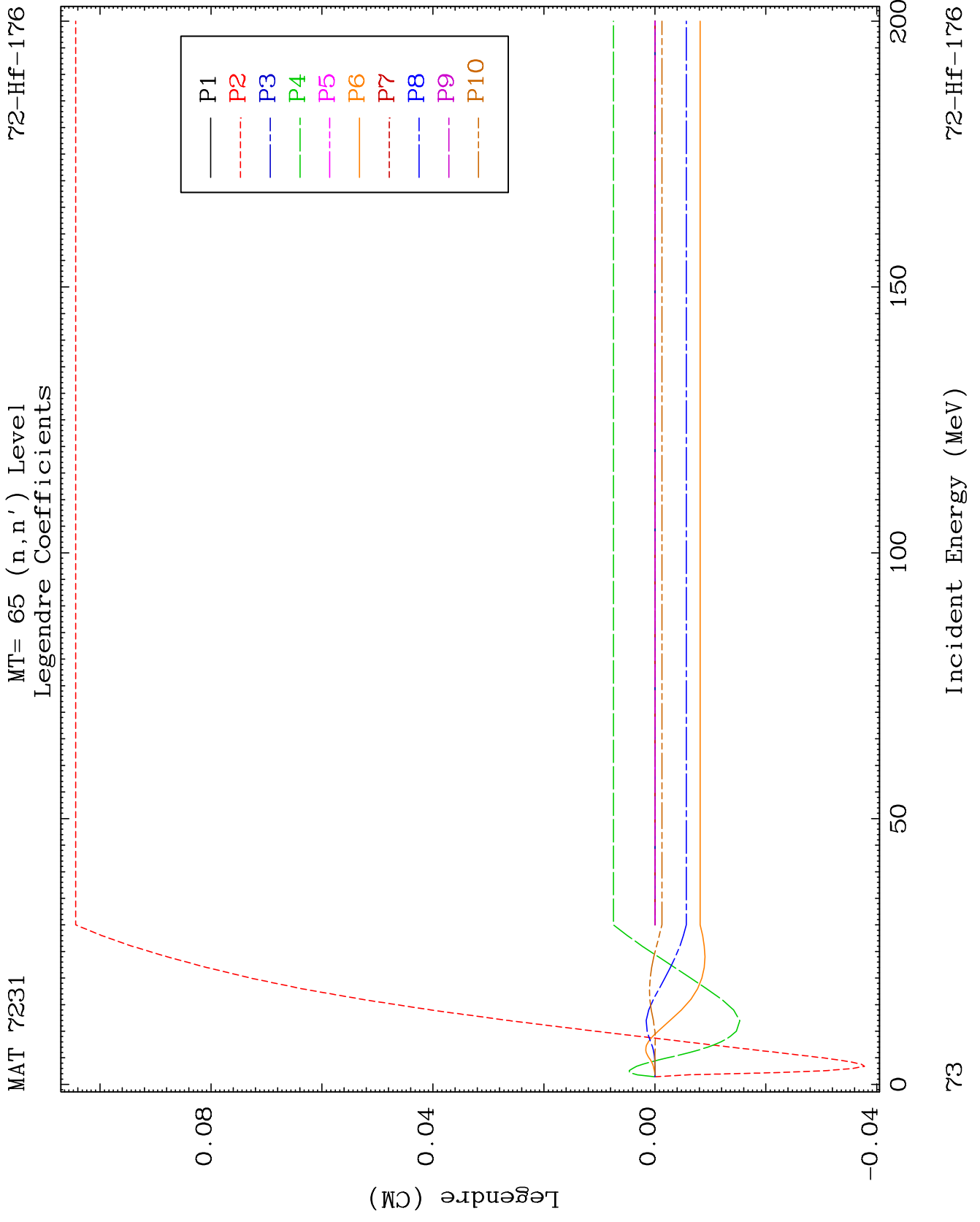


MAT 7231

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

72-Hf-176

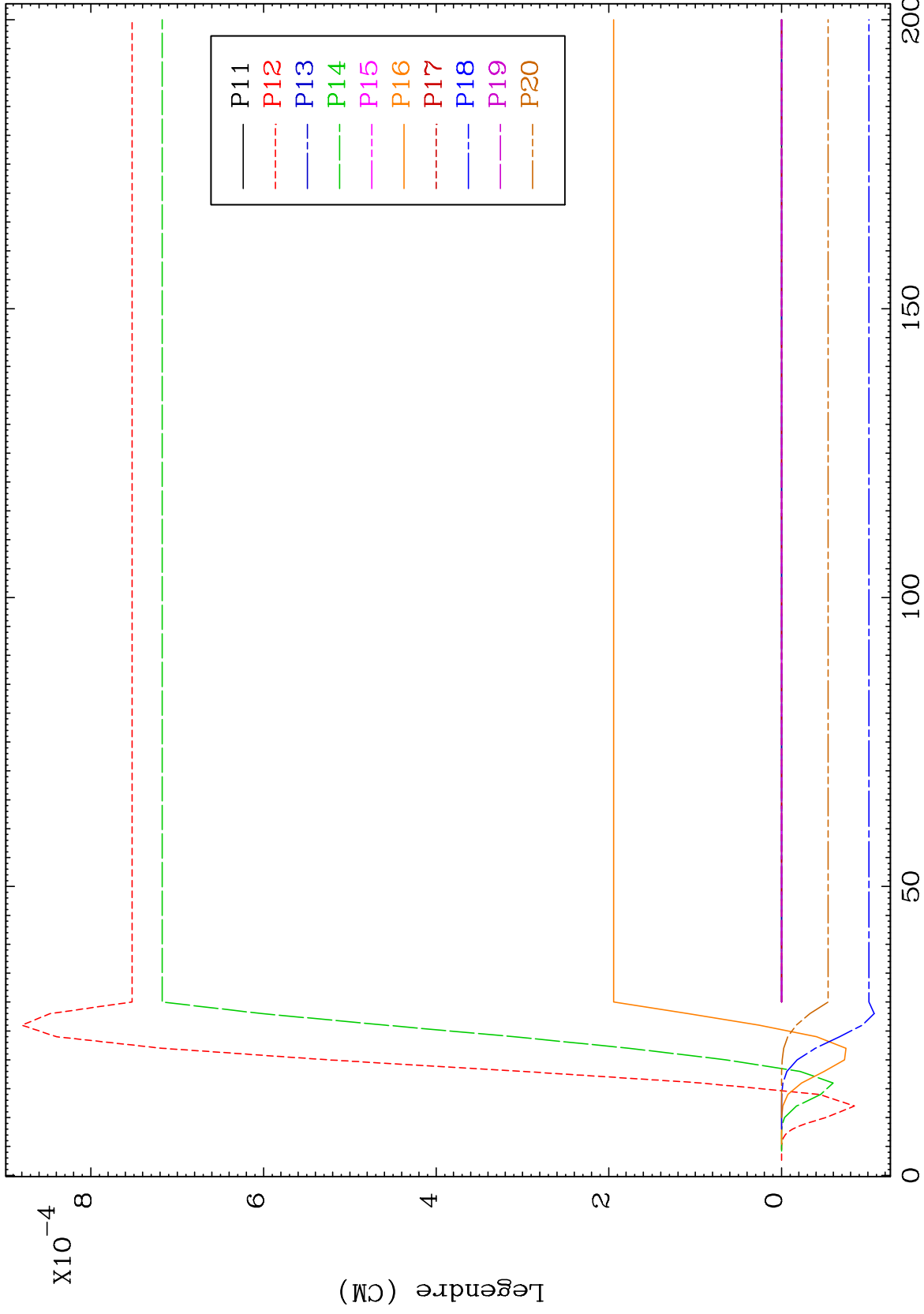




MAT 7231

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

72-Hf-176



74

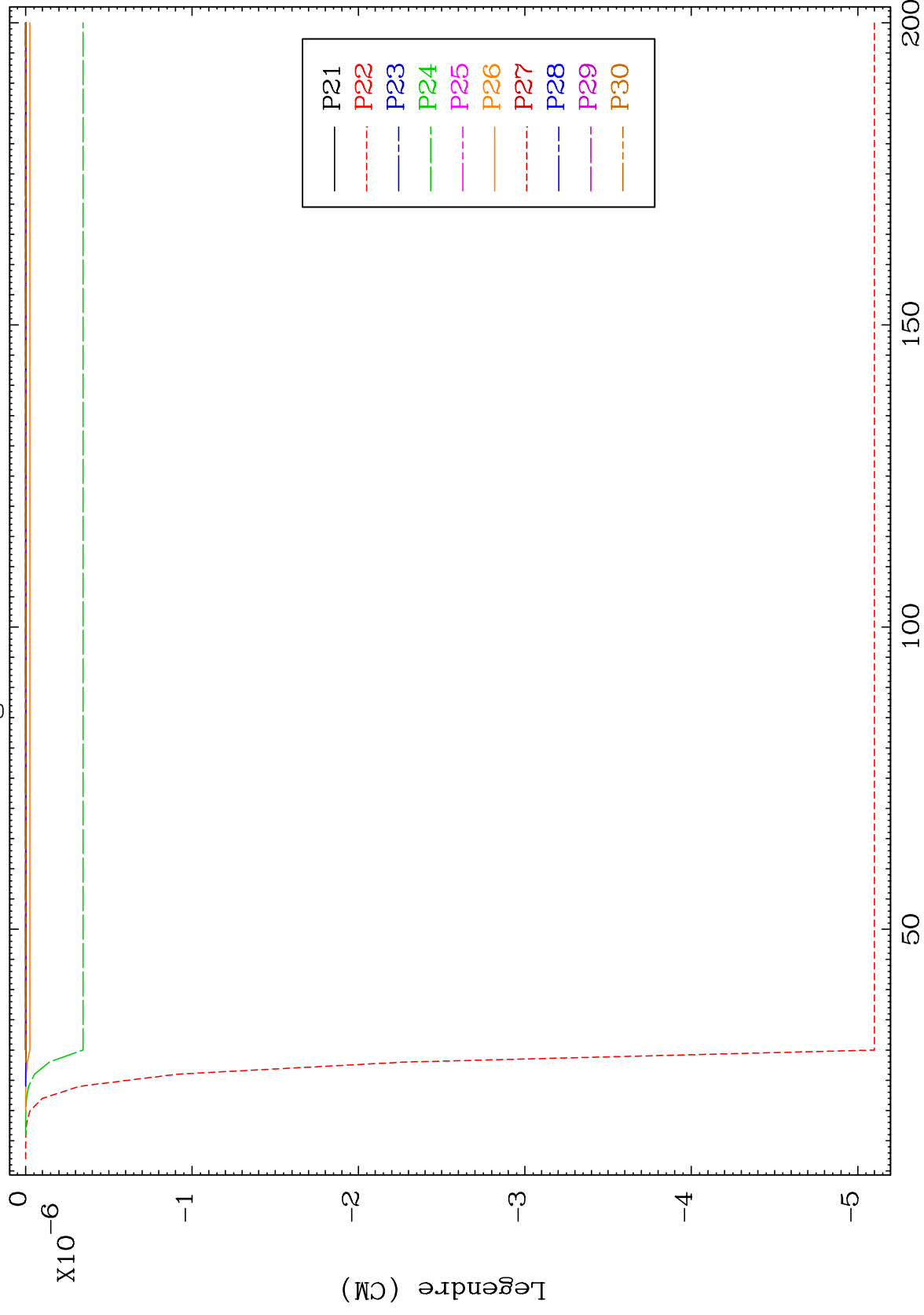
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

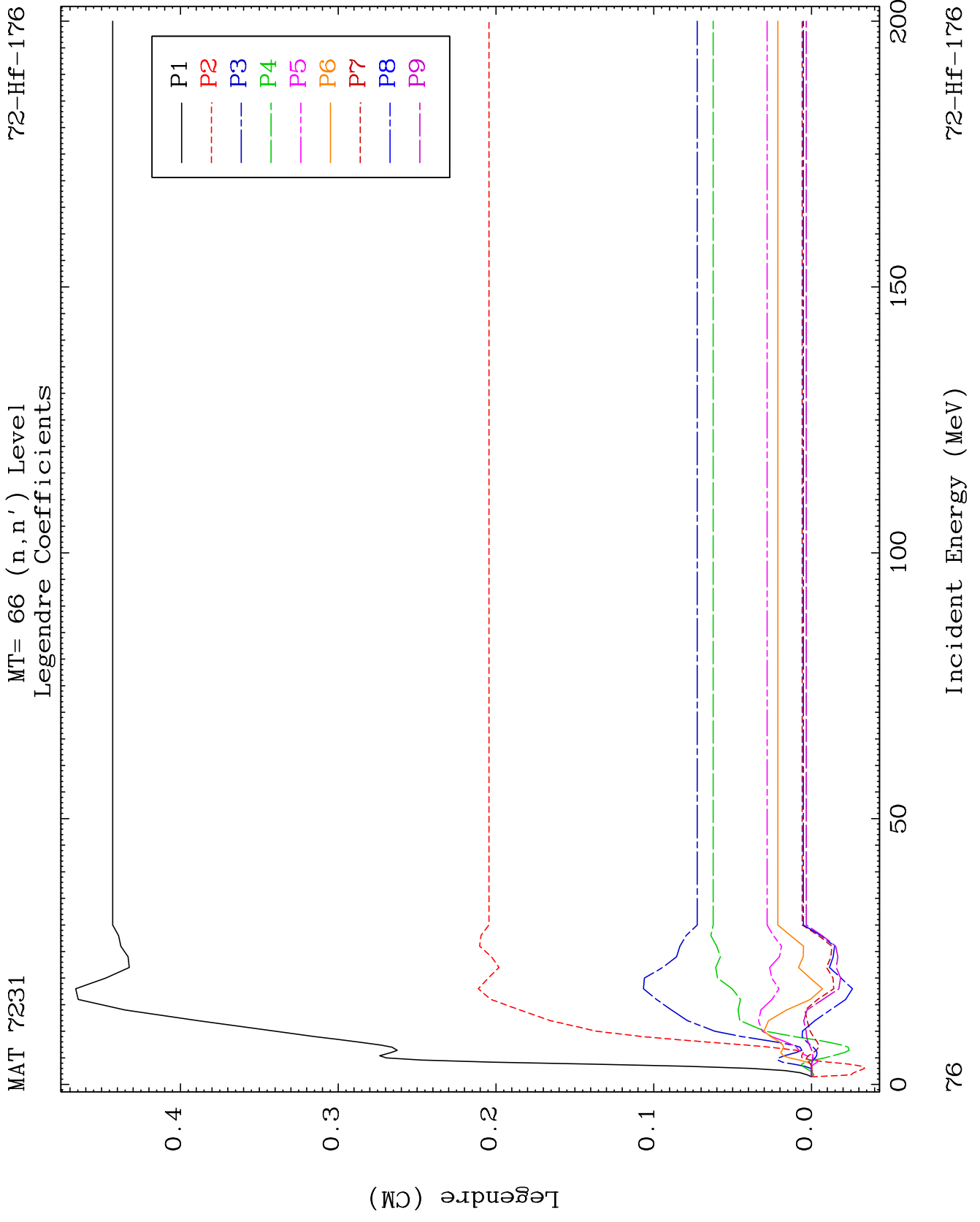
72-Hf-176



75

Incident Energy (MeV)

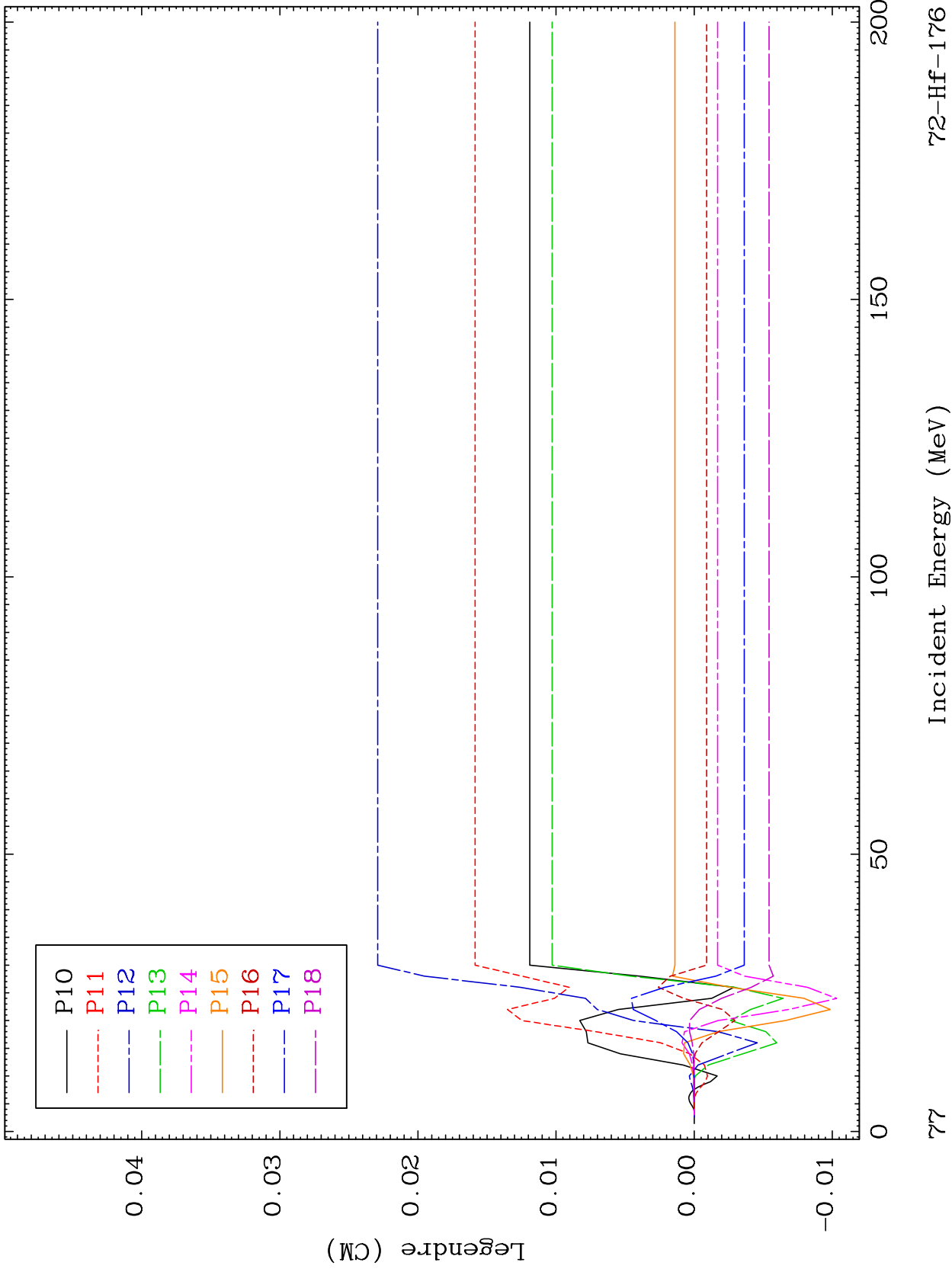
72-Hf-176



MAT 7231

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

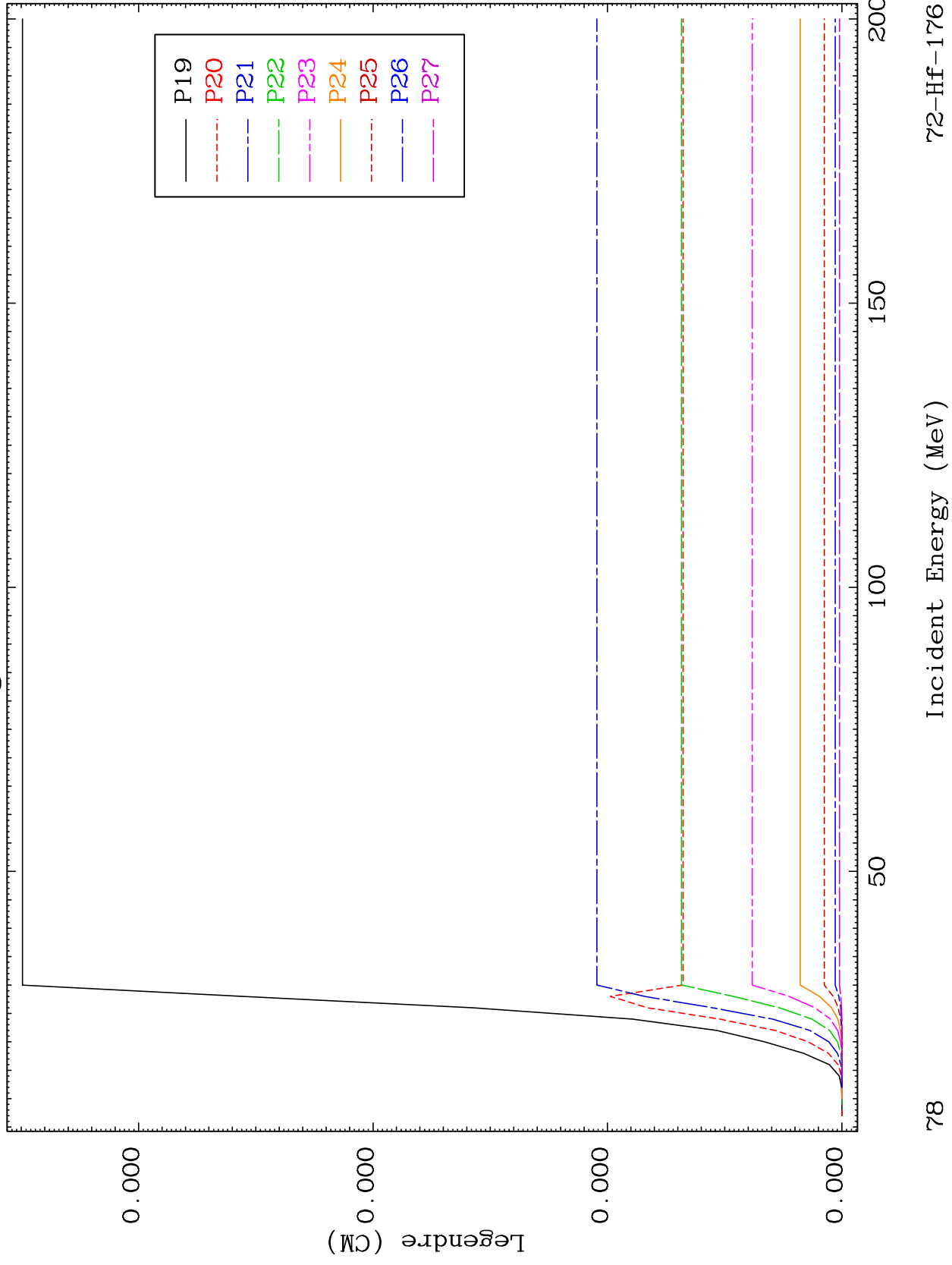
72-Hf-176



MAT 7231

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

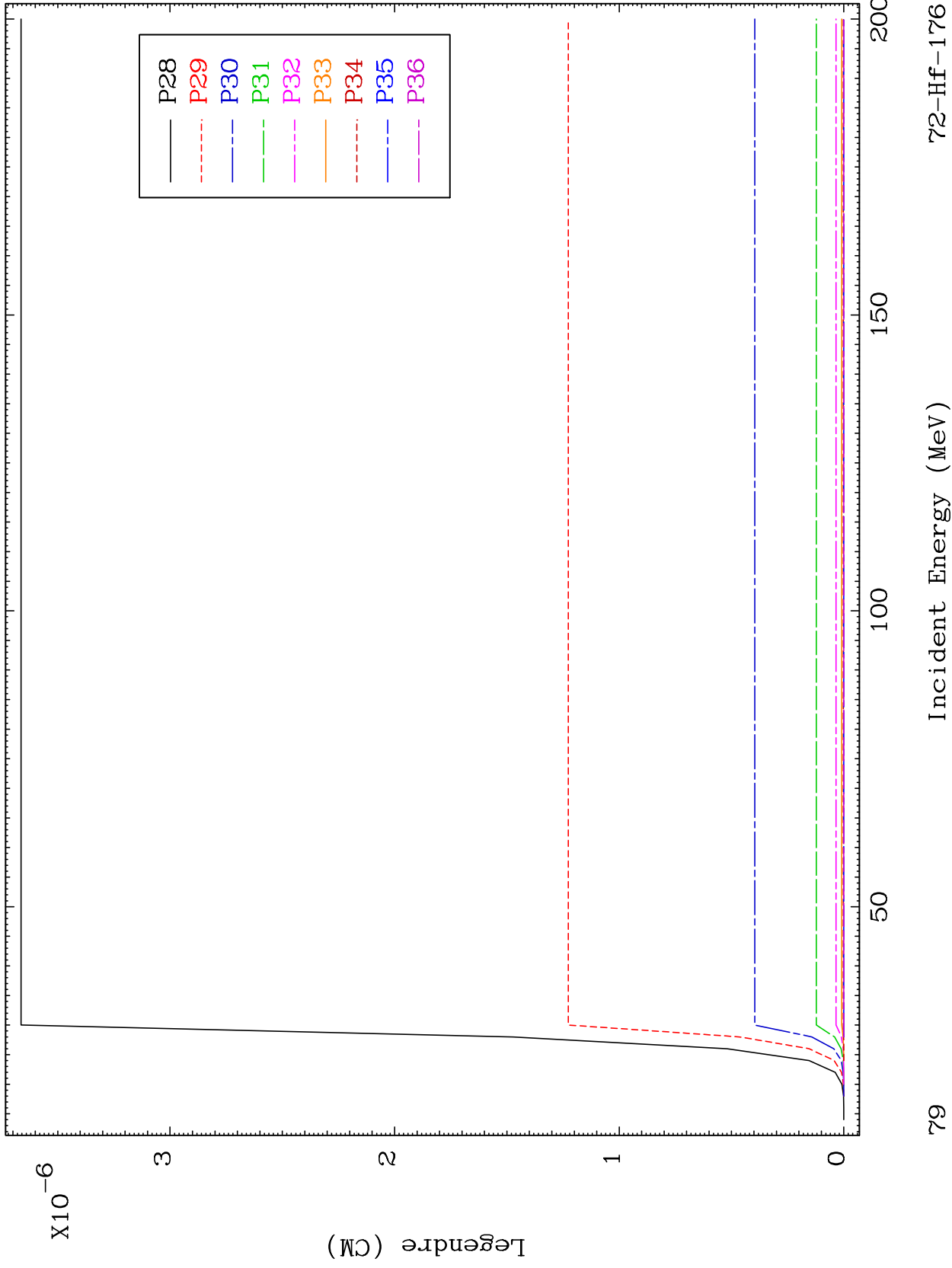
72-Hf-176



MAT 7231

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

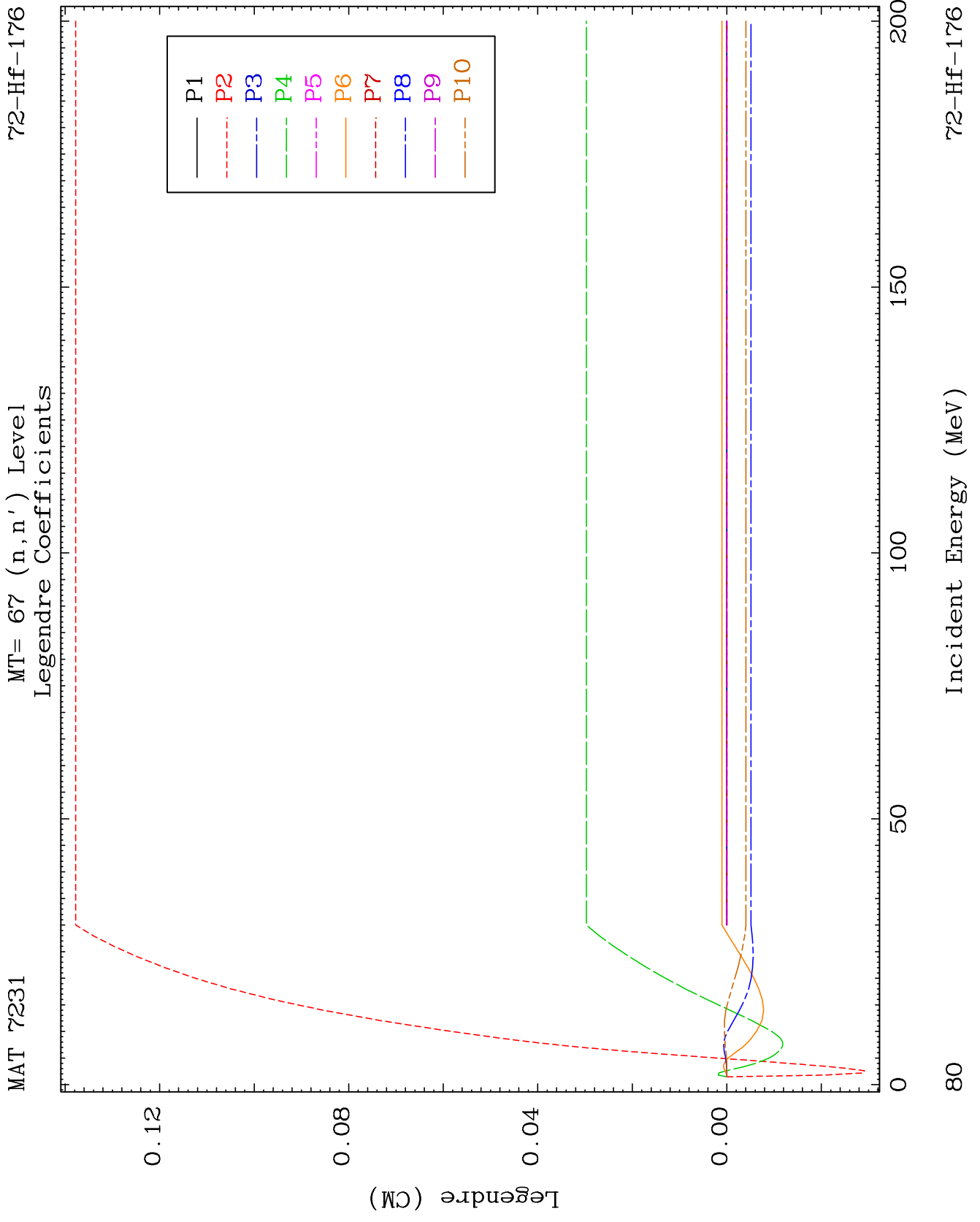
72-Hf-176



79

Incident Energy (MeV)

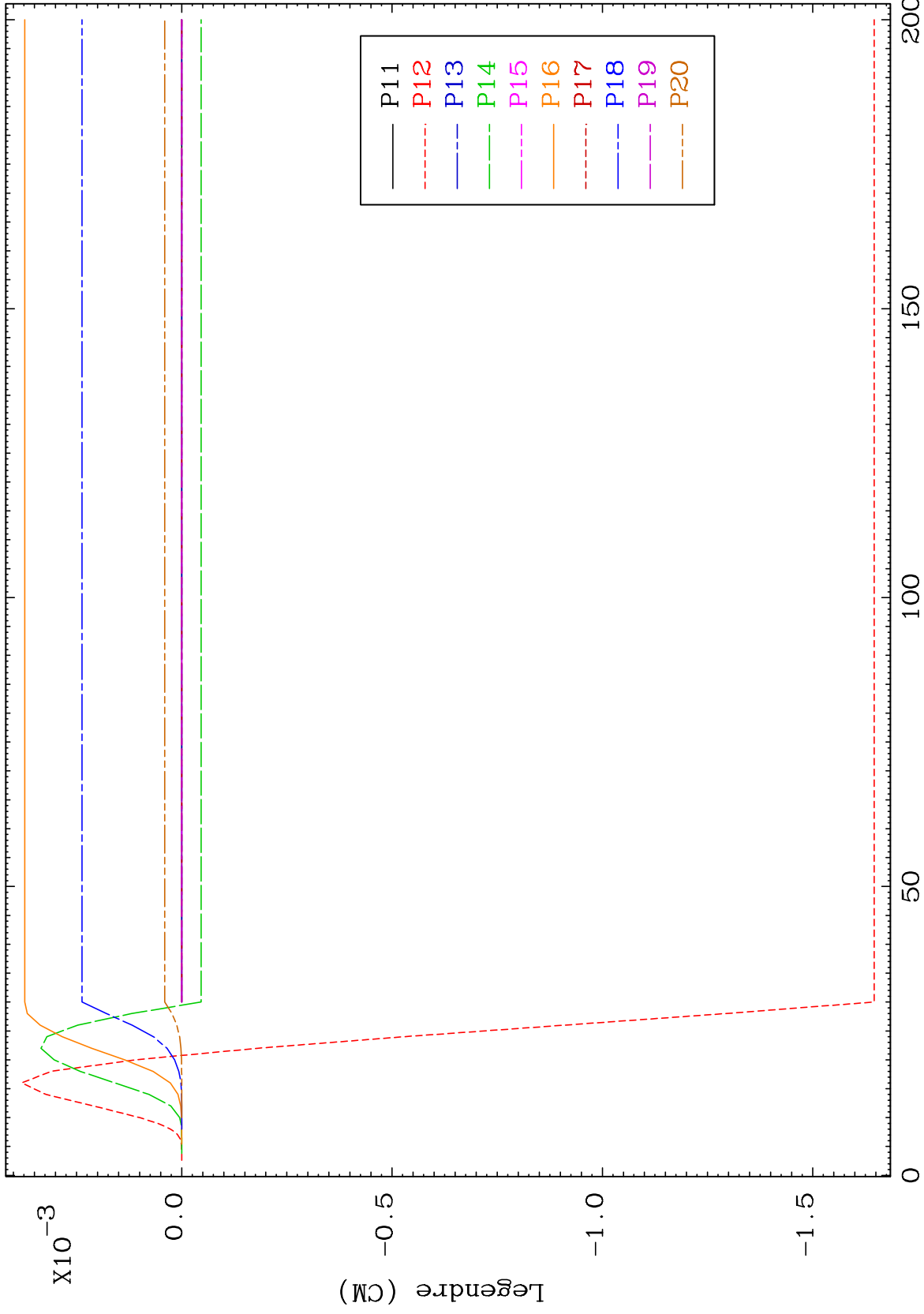
72-Hf-176



MAT 7231

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

72-Hf-176



81

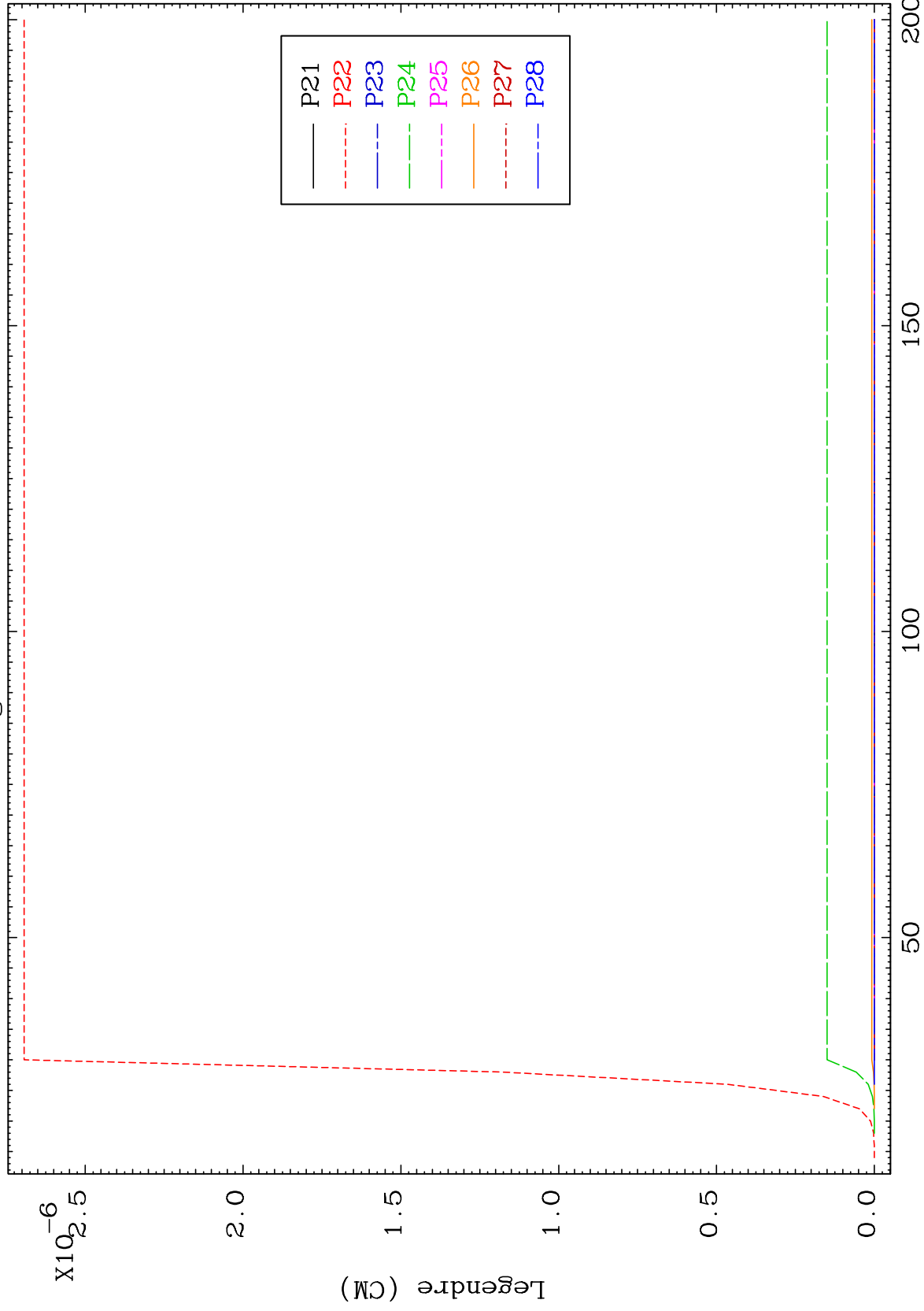
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



82

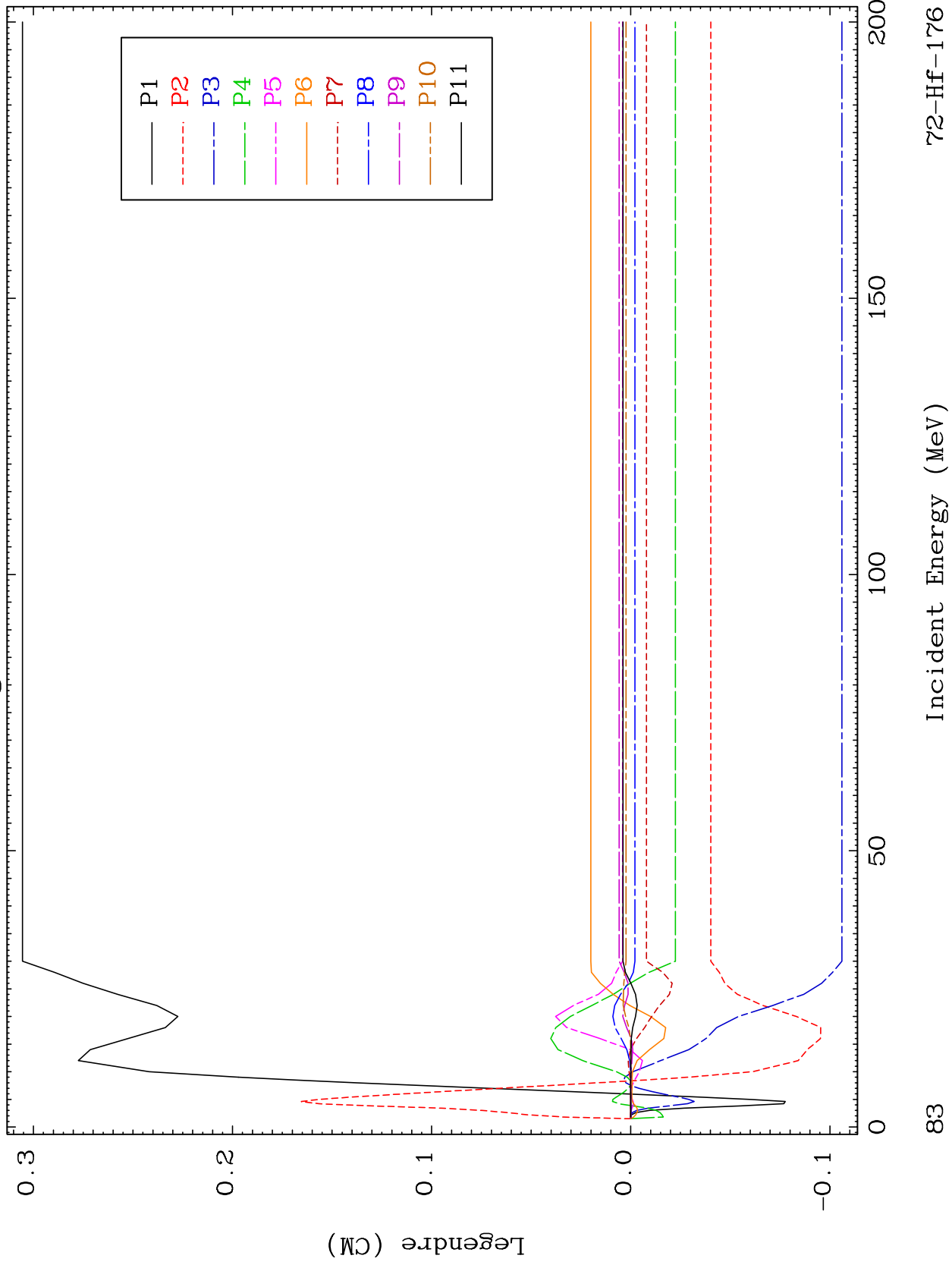
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

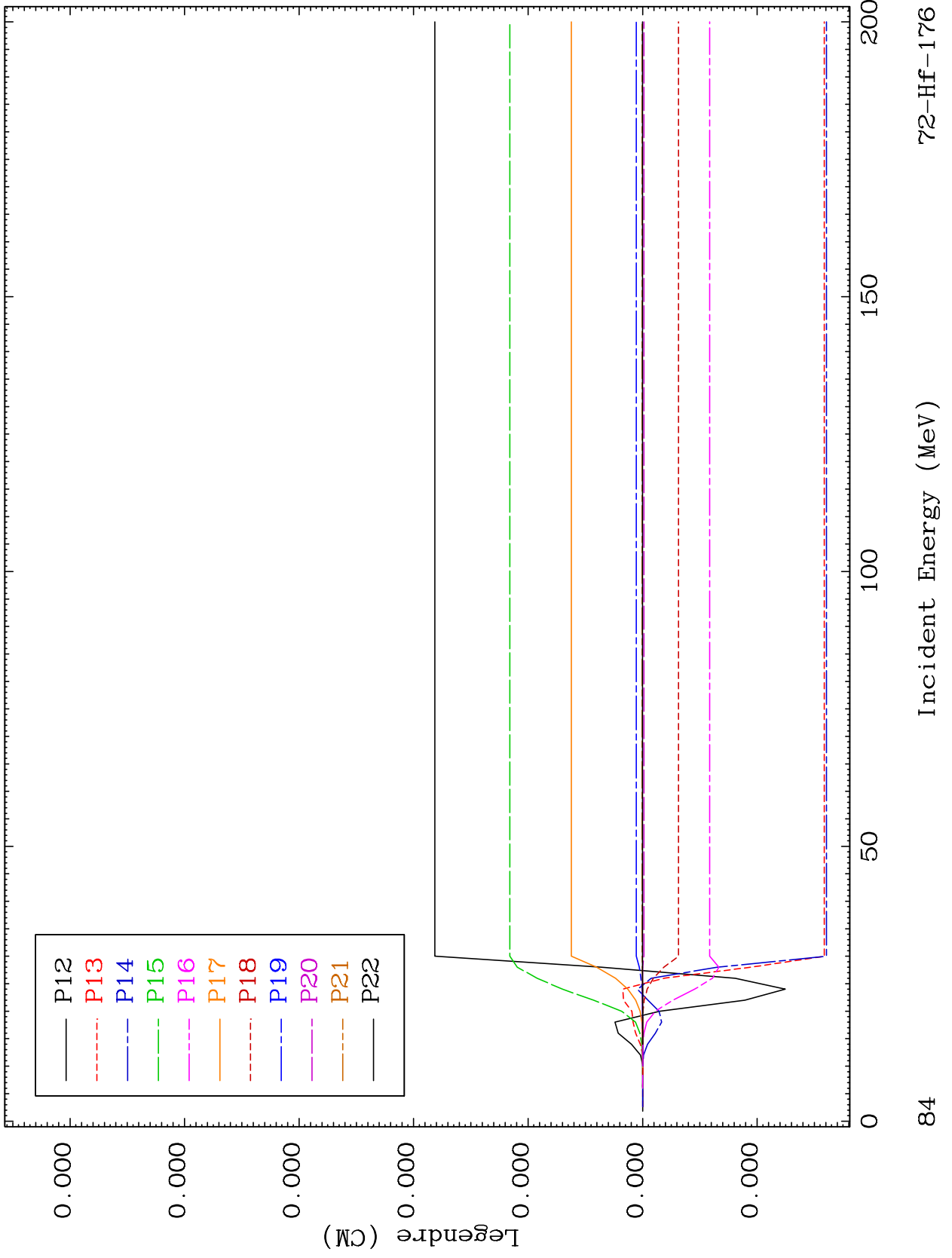
72-Hf-176



72-Hf-176

Incident Energy (MeV)

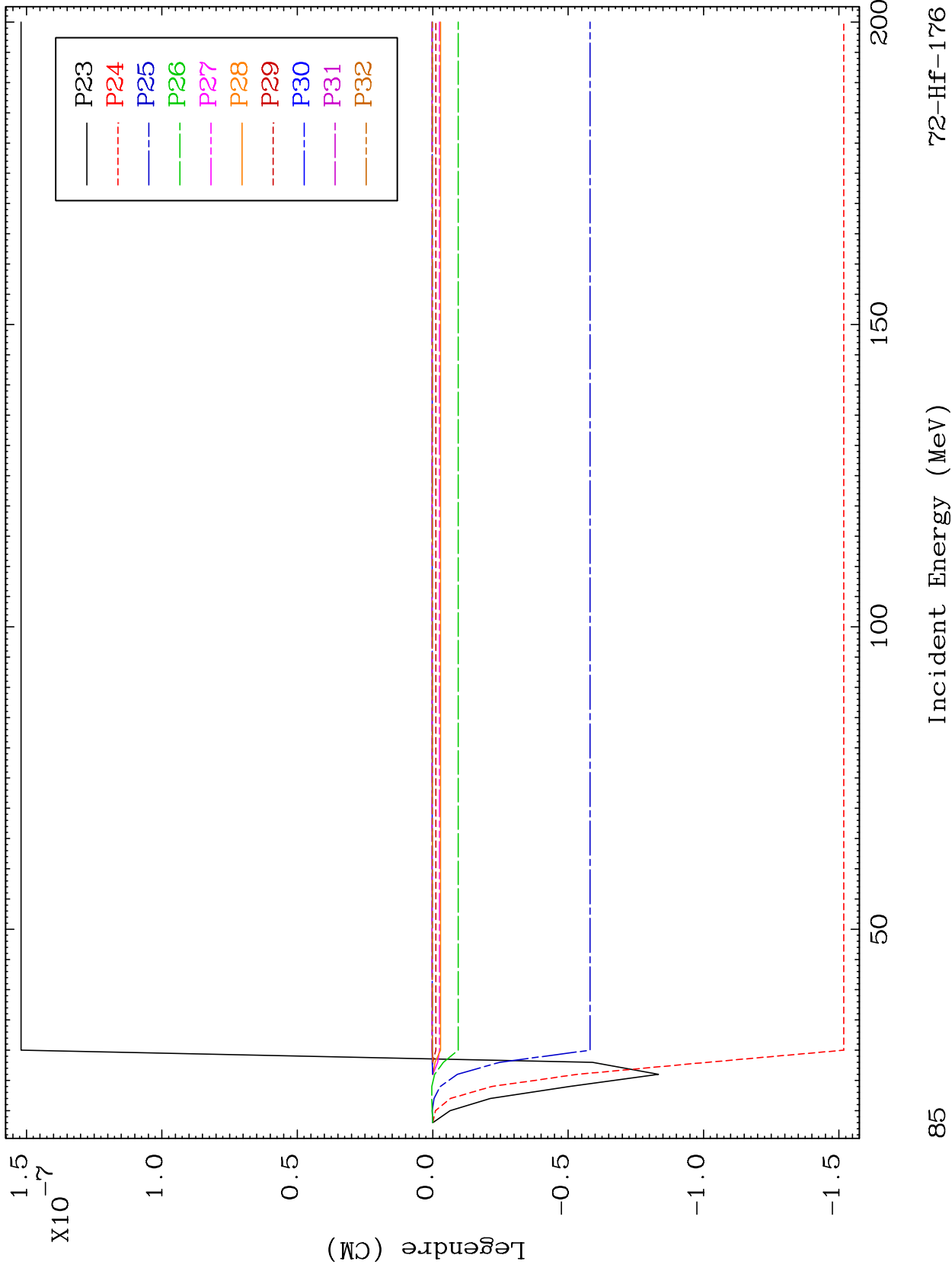
83



MAT 7231

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

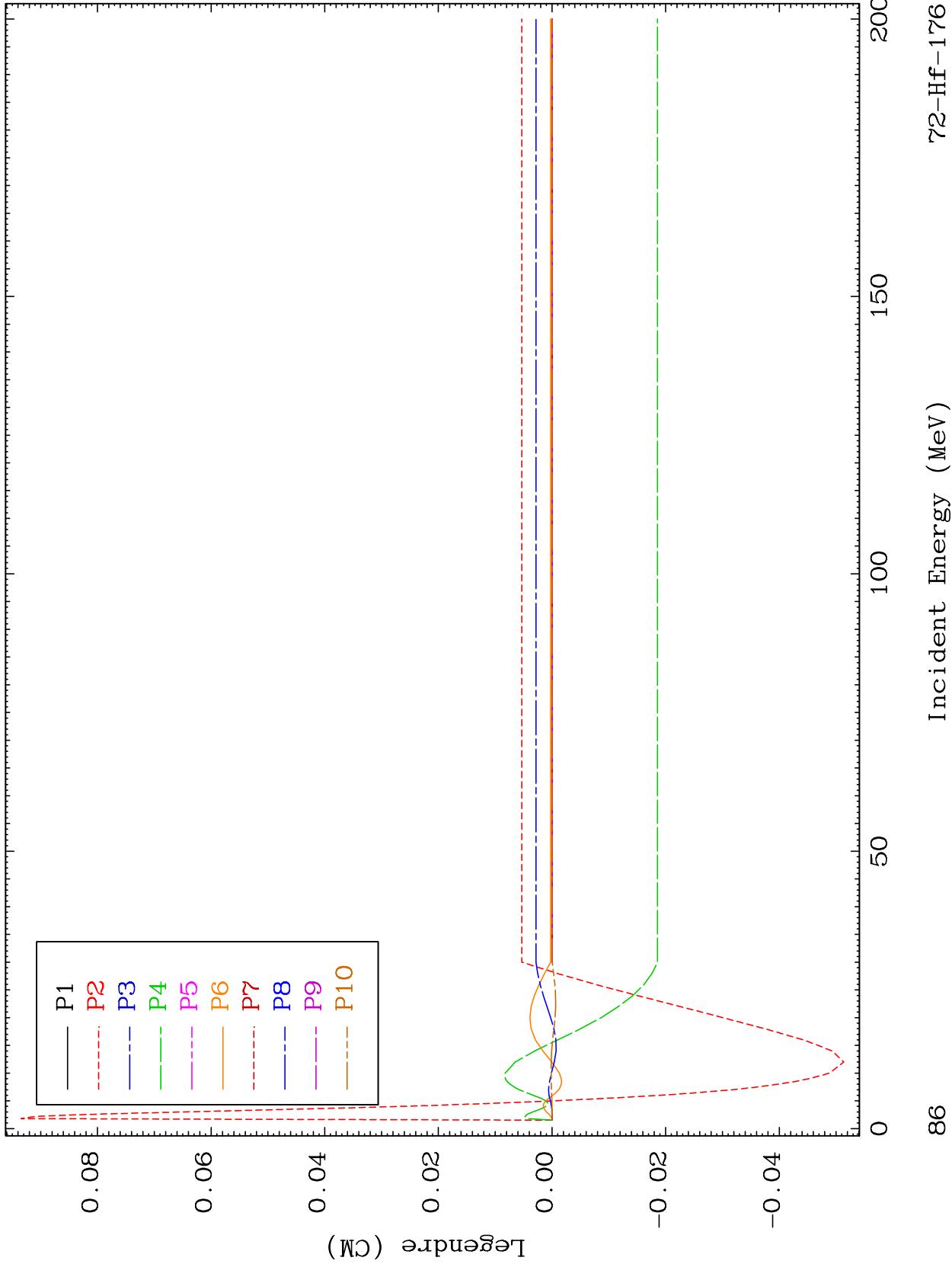
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

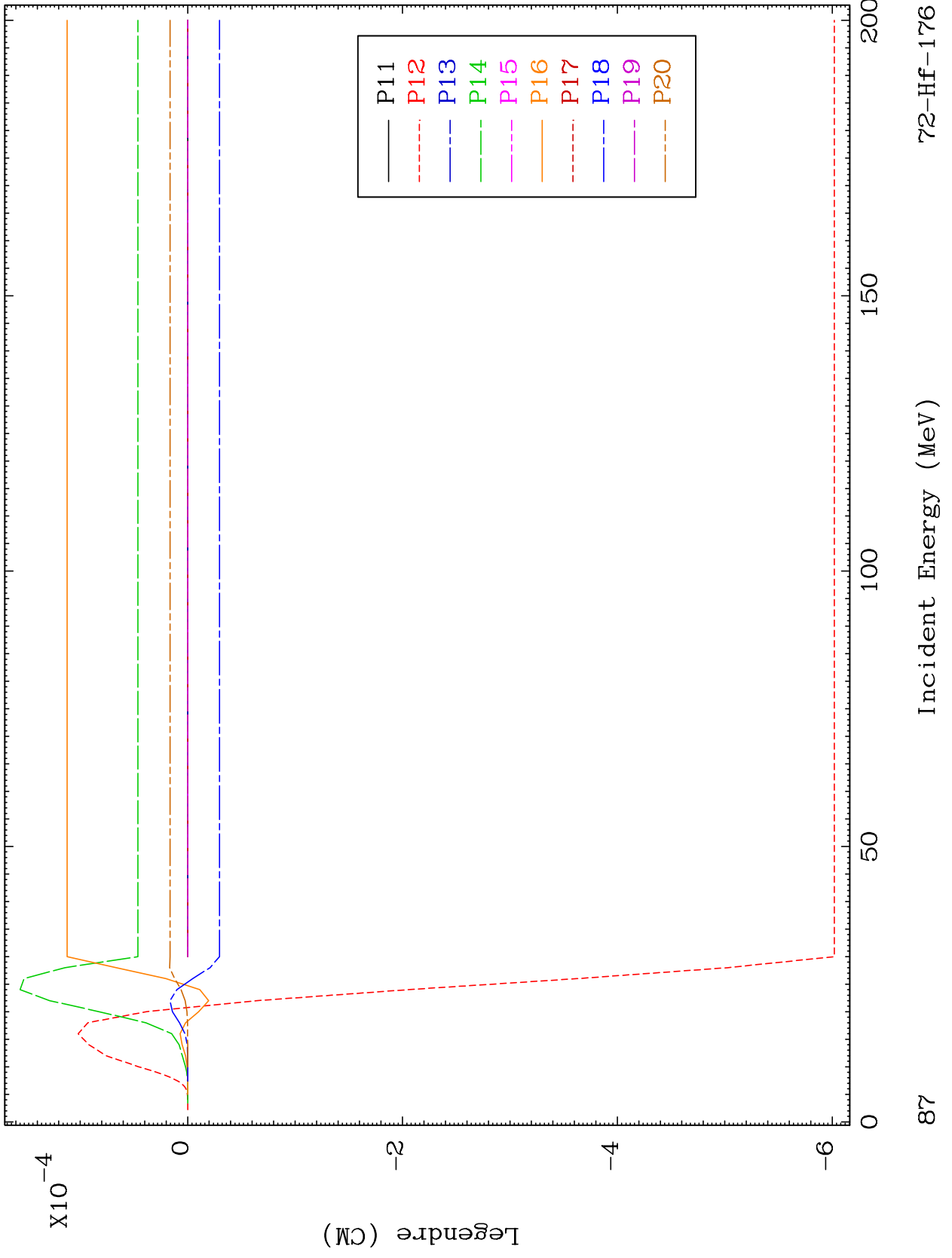
Incident Energy (MeV)

86

MAT 7231

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

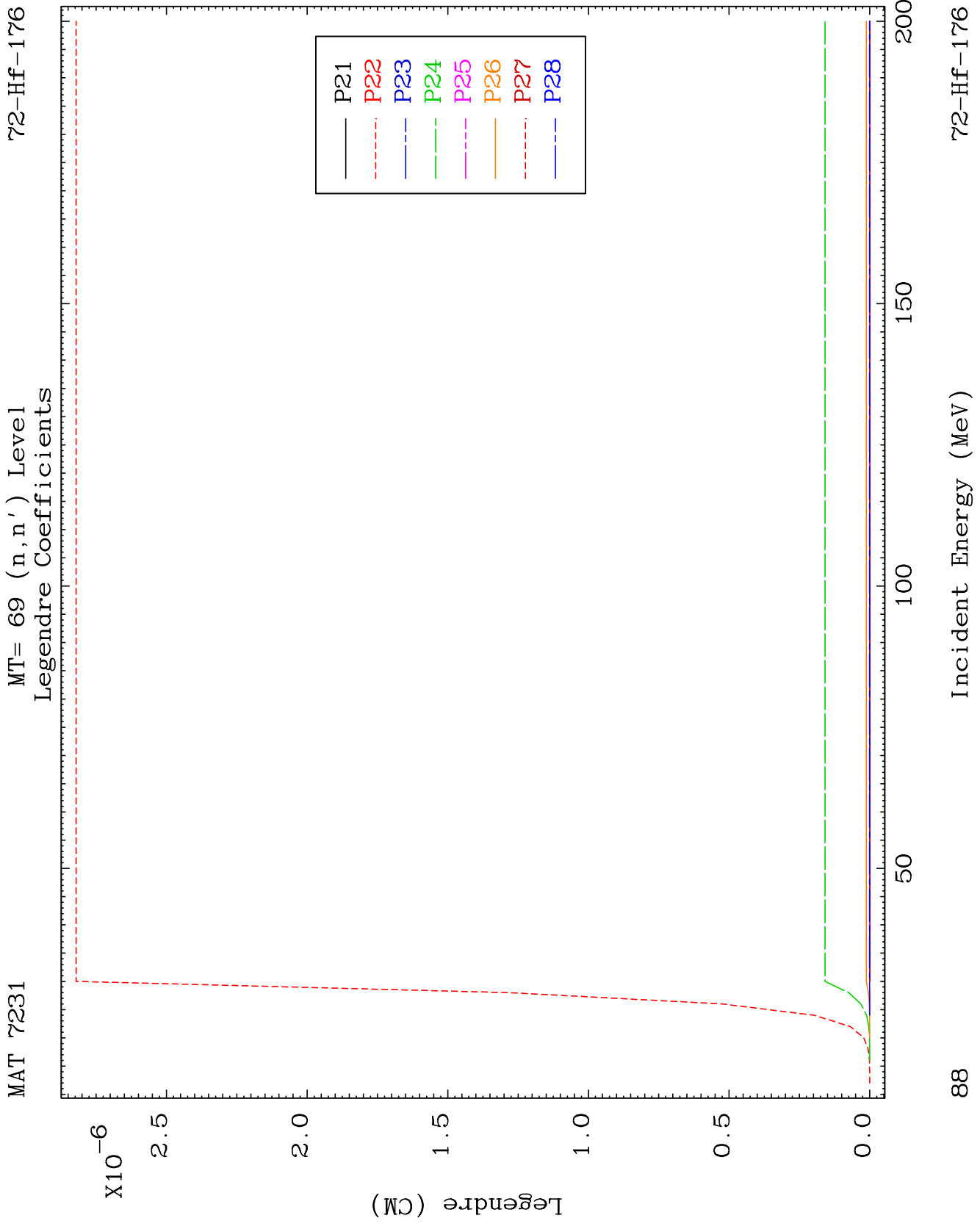
72-Hf-176



87

Incident Energy (MeV)

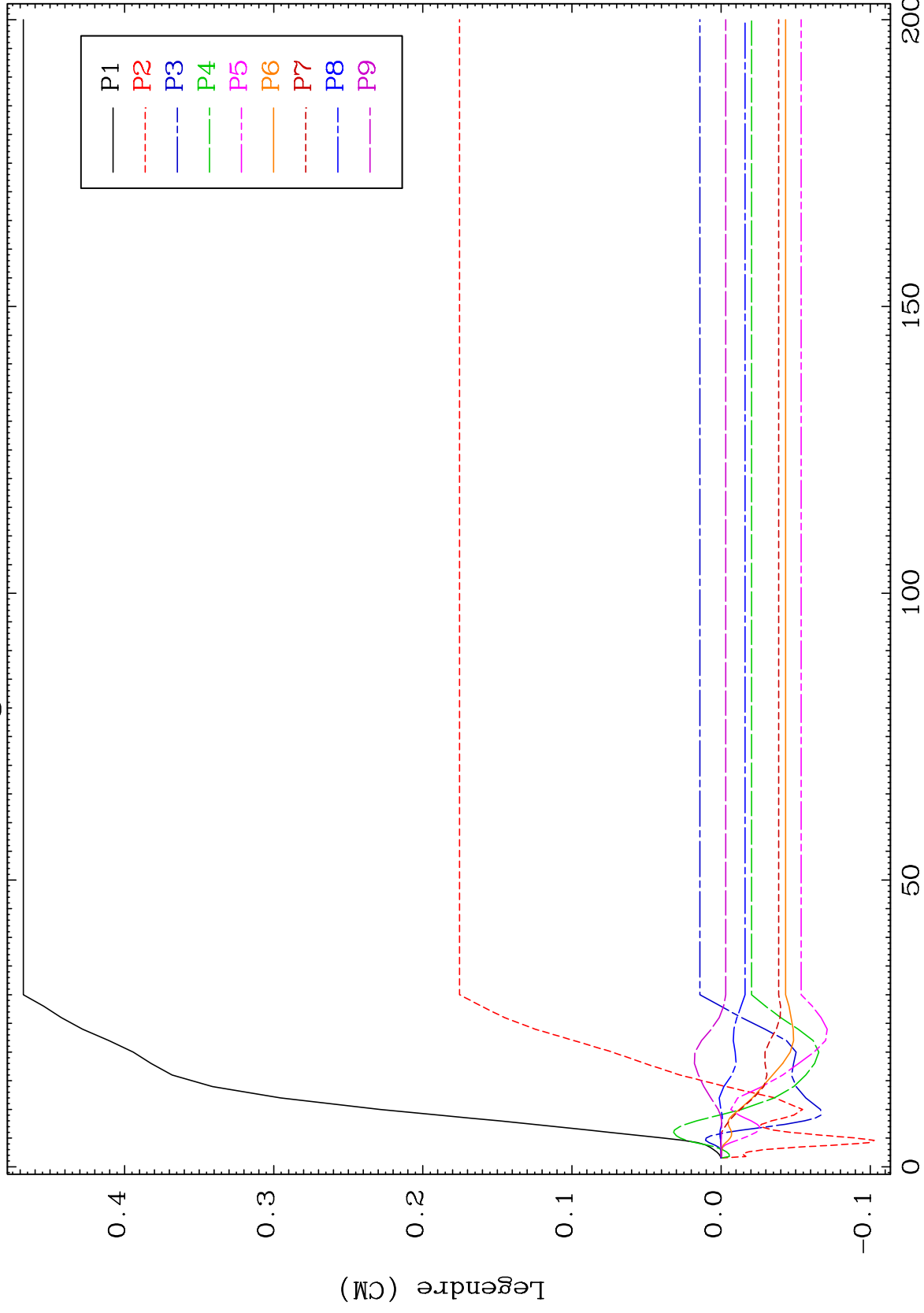
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

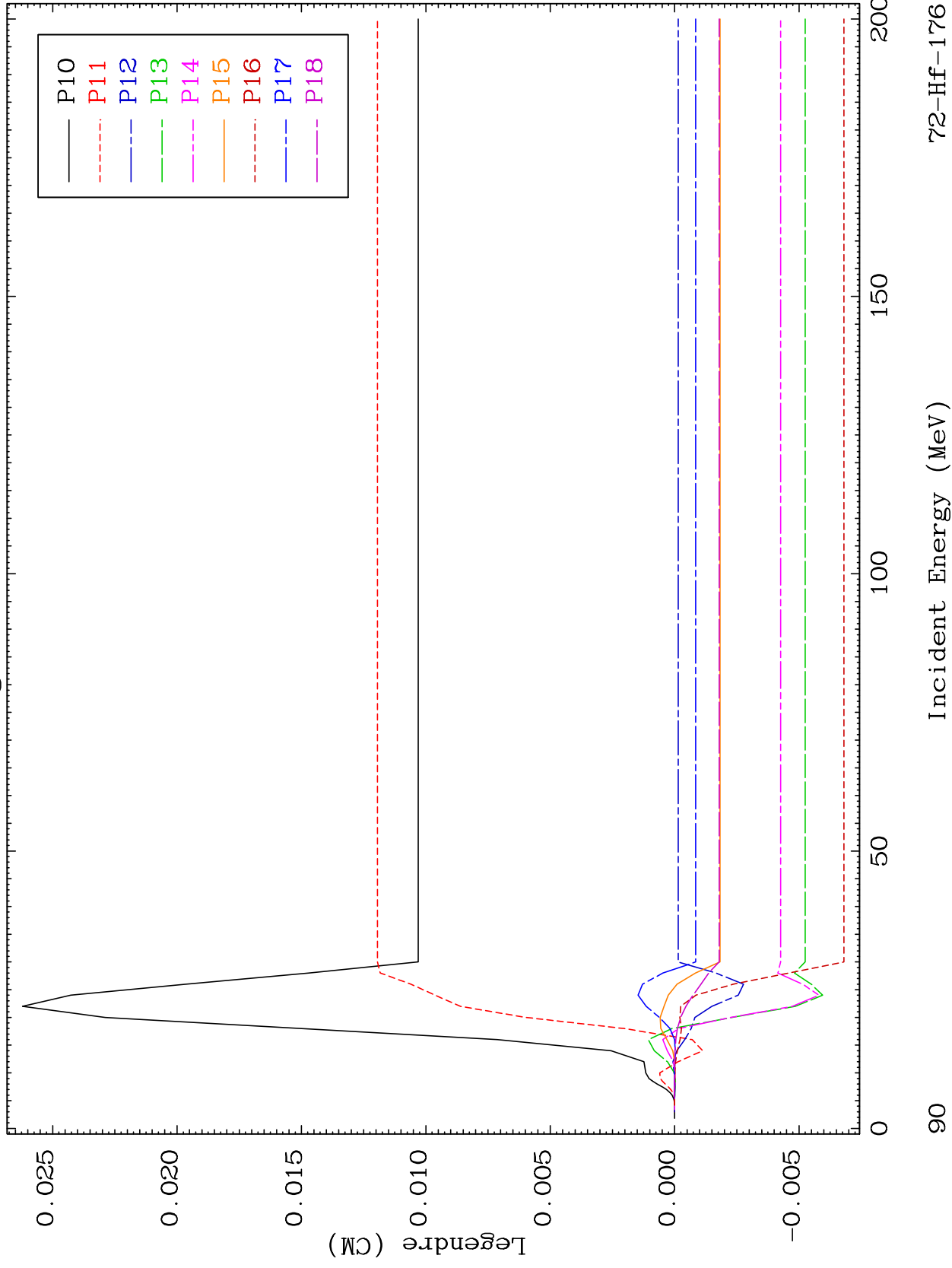
Incident Energy (MeV)

89

MAT 7231

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

72-Hf-176



72-Hf-176

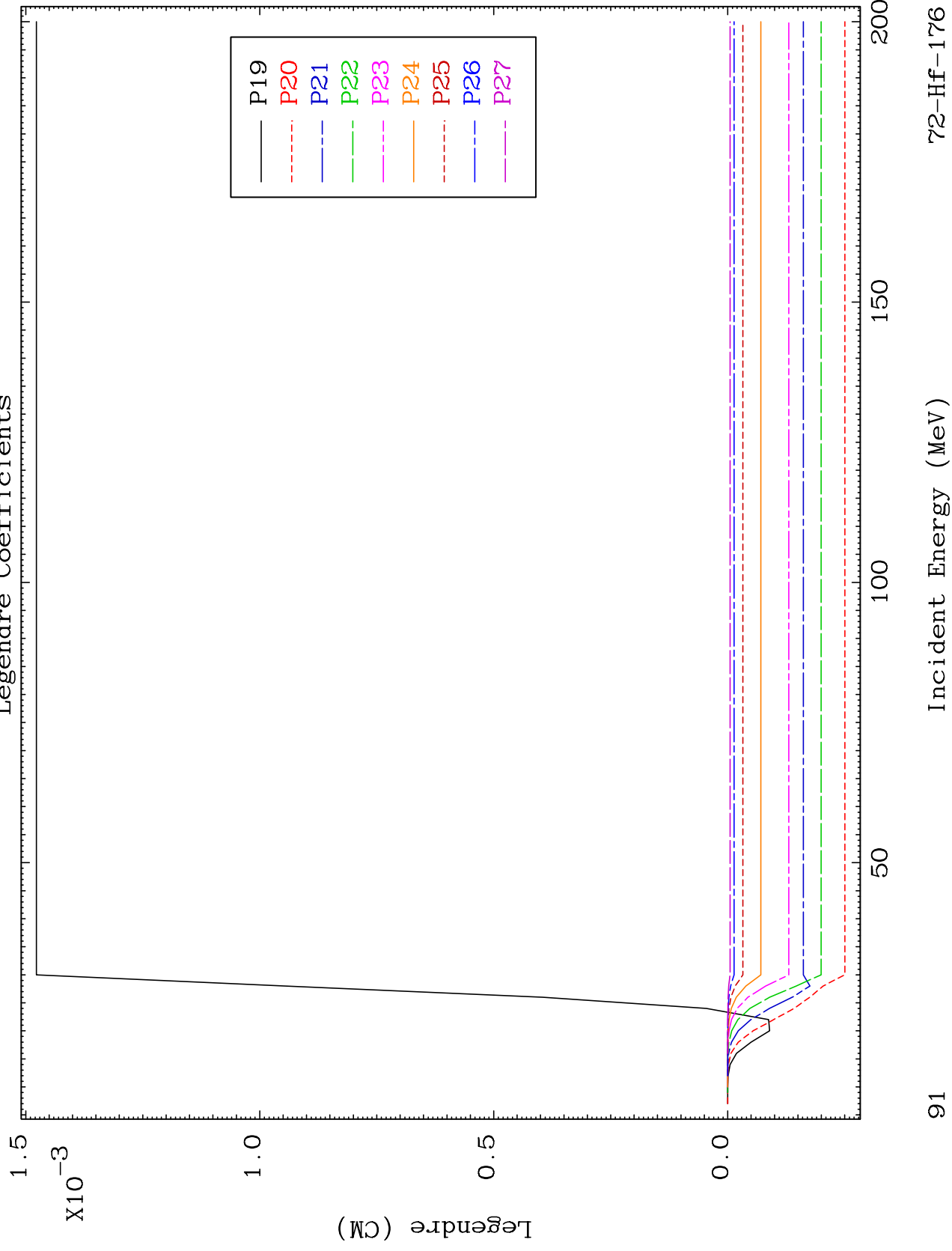
Incident Energy (MeV)

90

MAT 7231

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

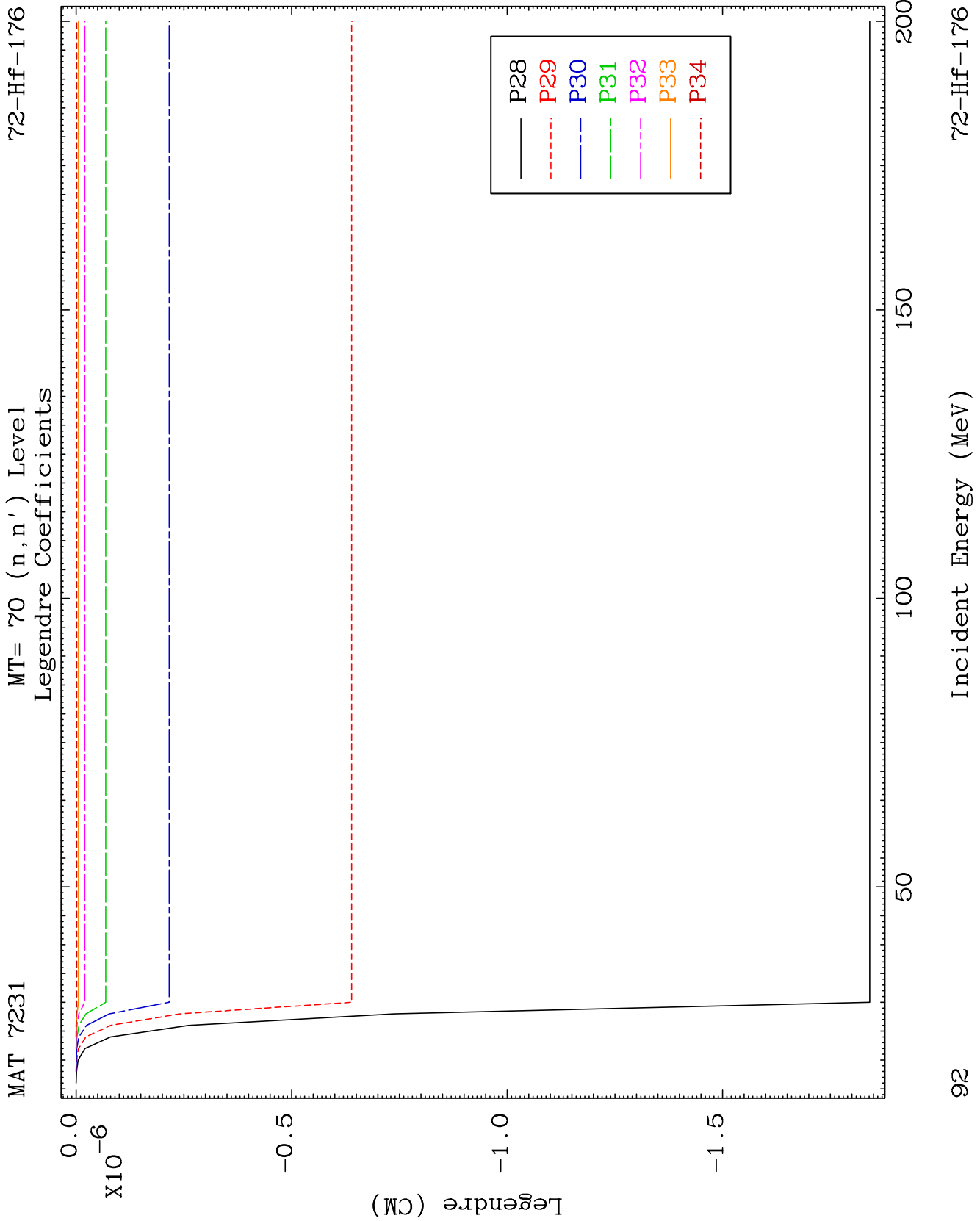
72-Hf-176



91

Incident Energy (MeV)

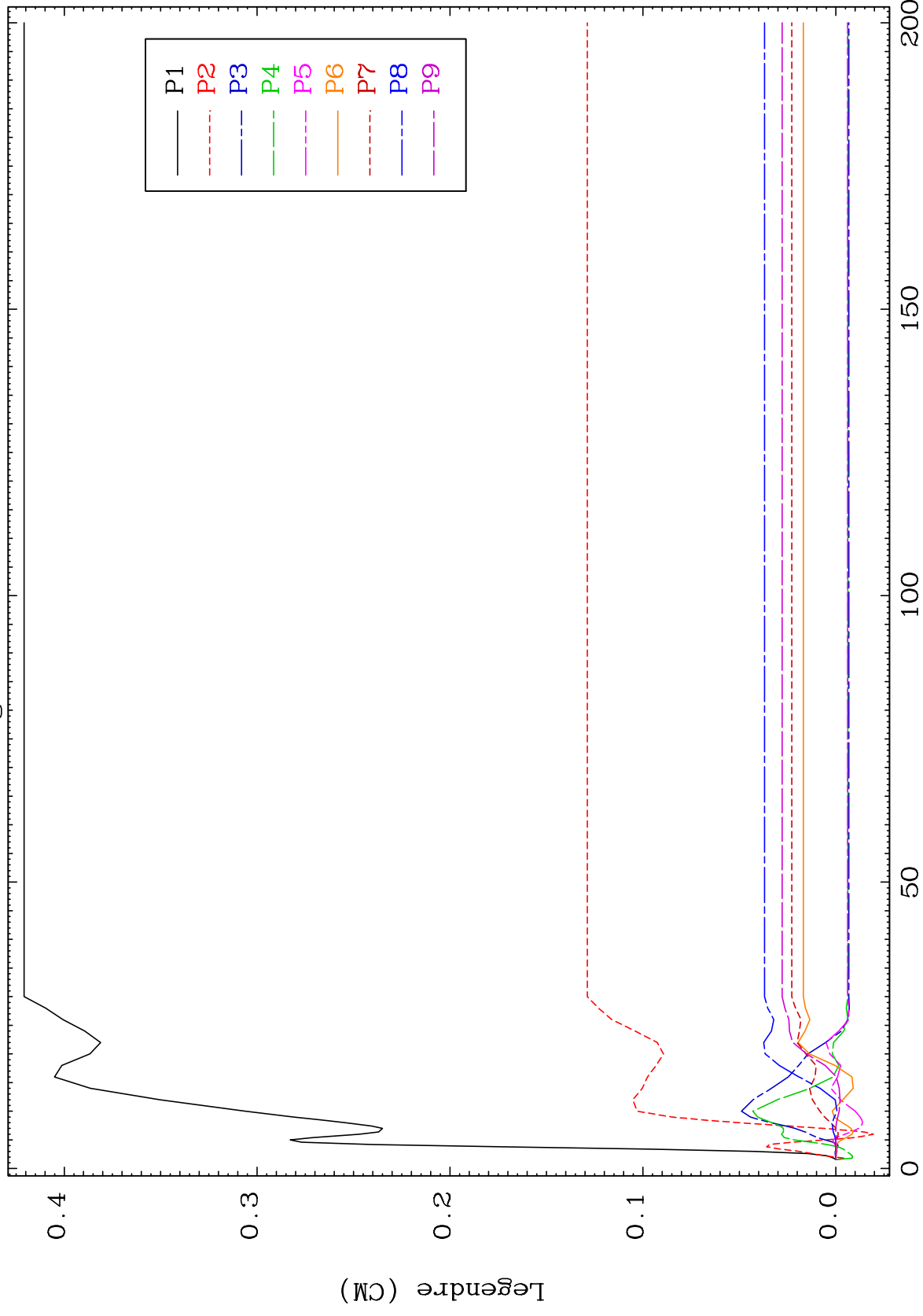
72-Hf-176



MAT 7231

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

72-Hf-176



93

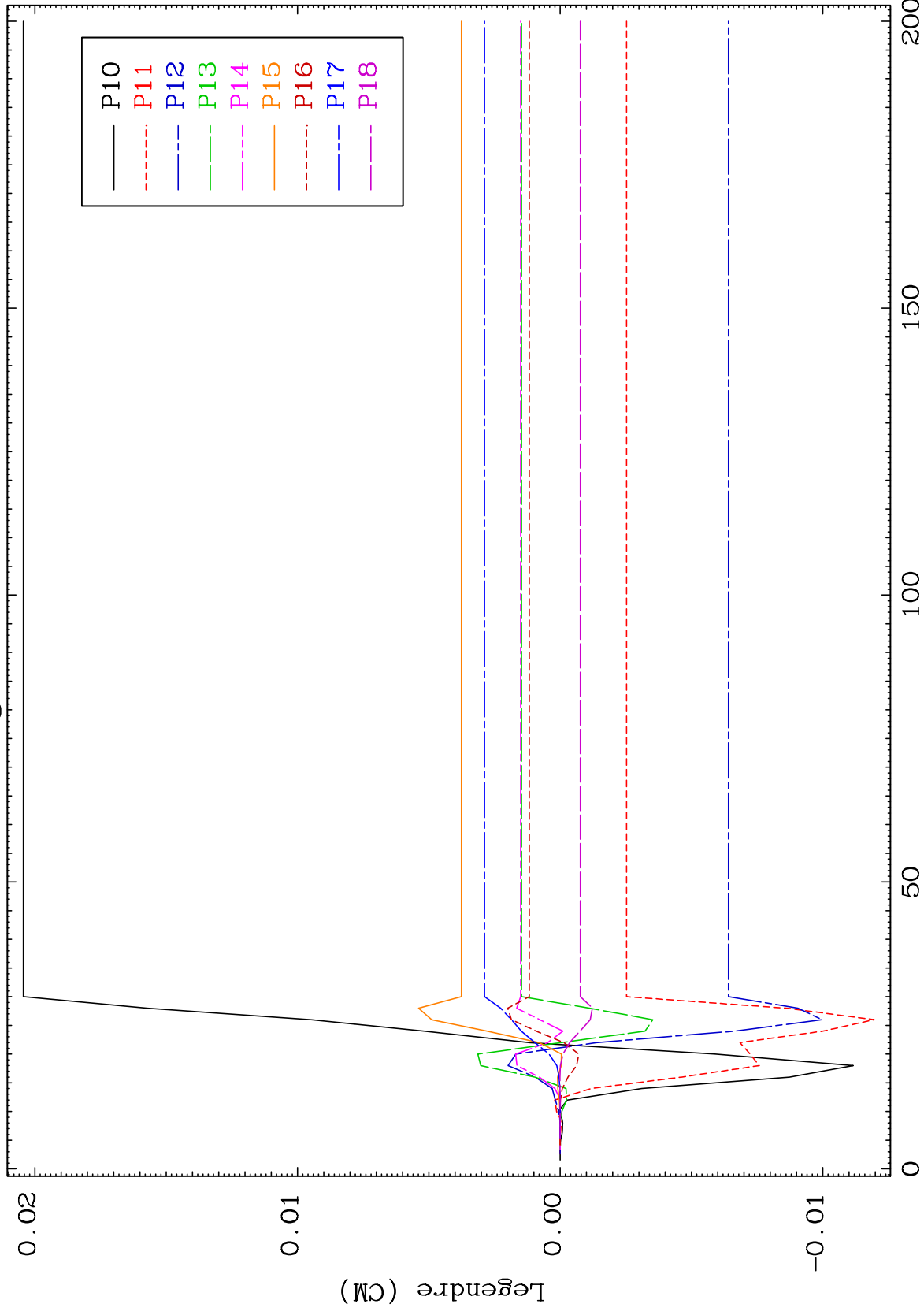
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



94

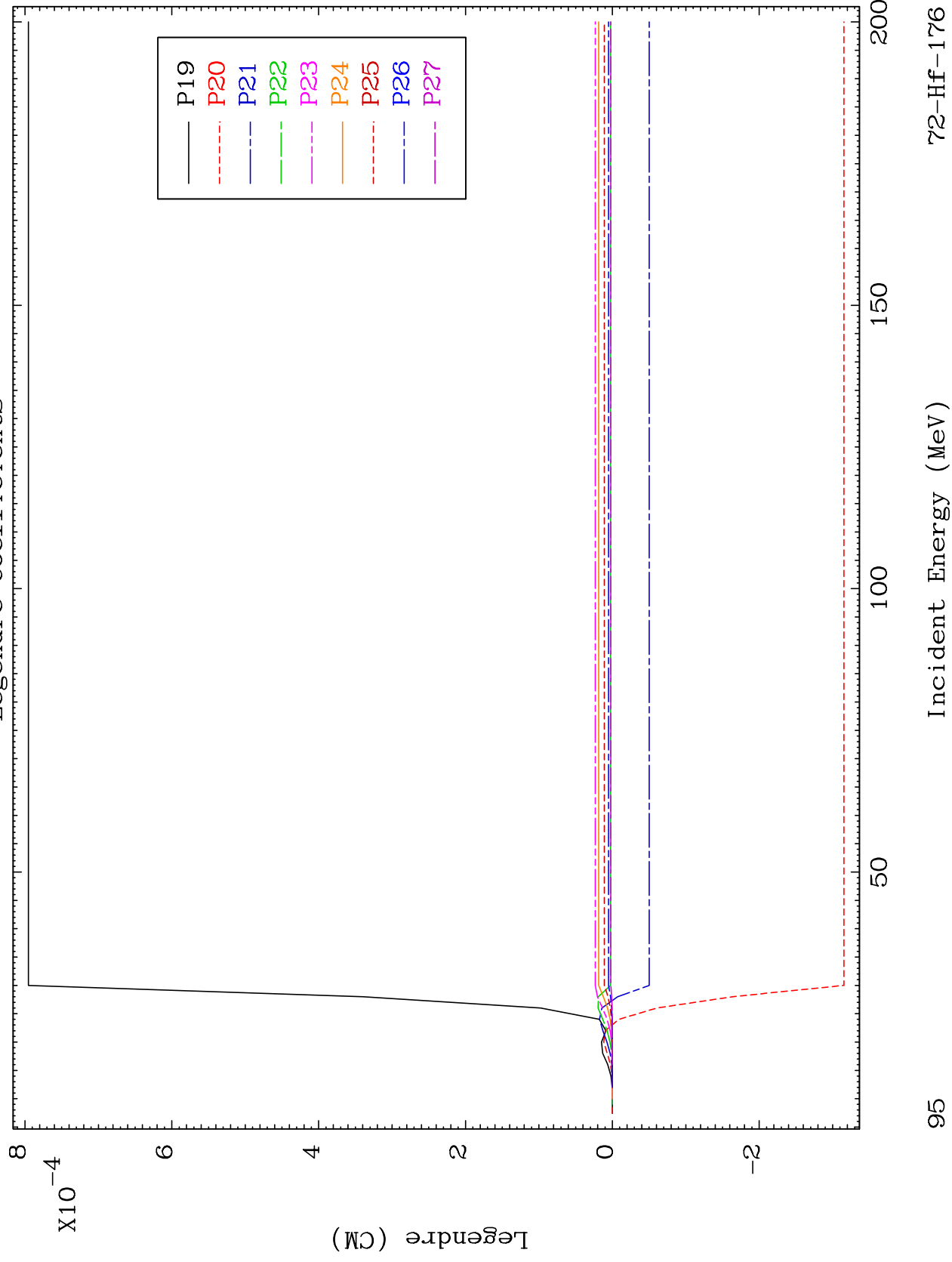
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



95

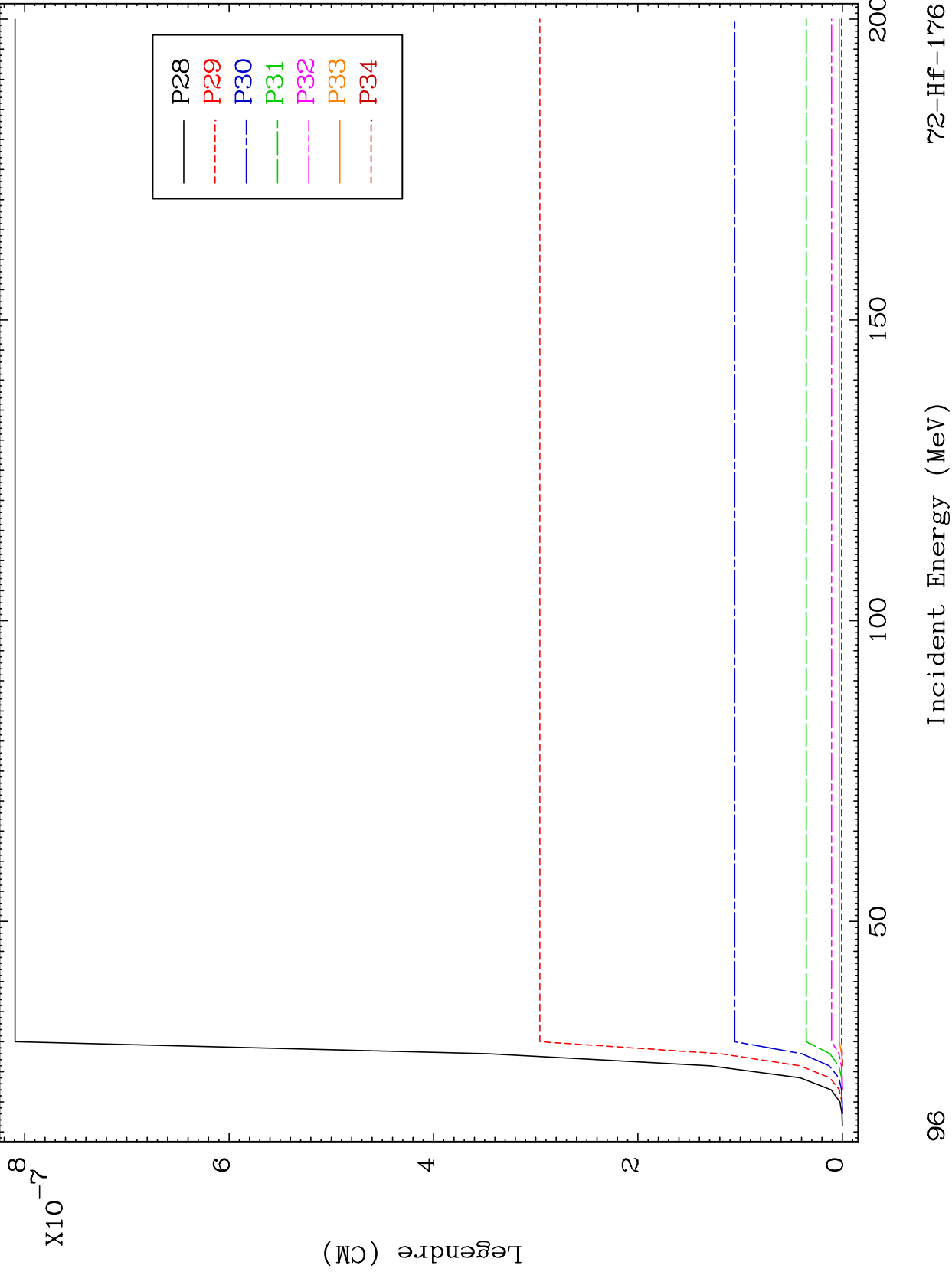
Incident Energy (MeV)

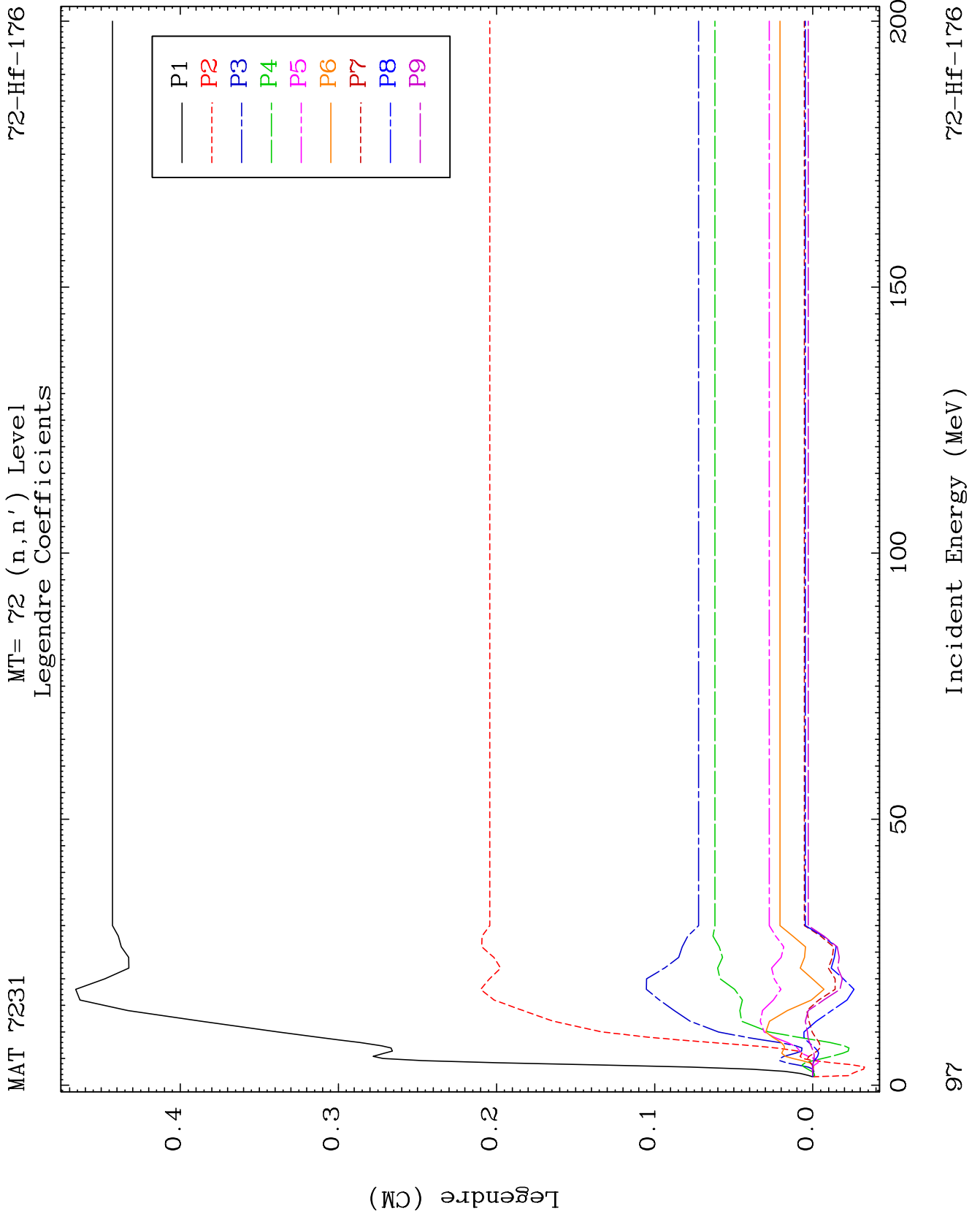
72-Hf-176

MAT 7231

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

72-Hf-176

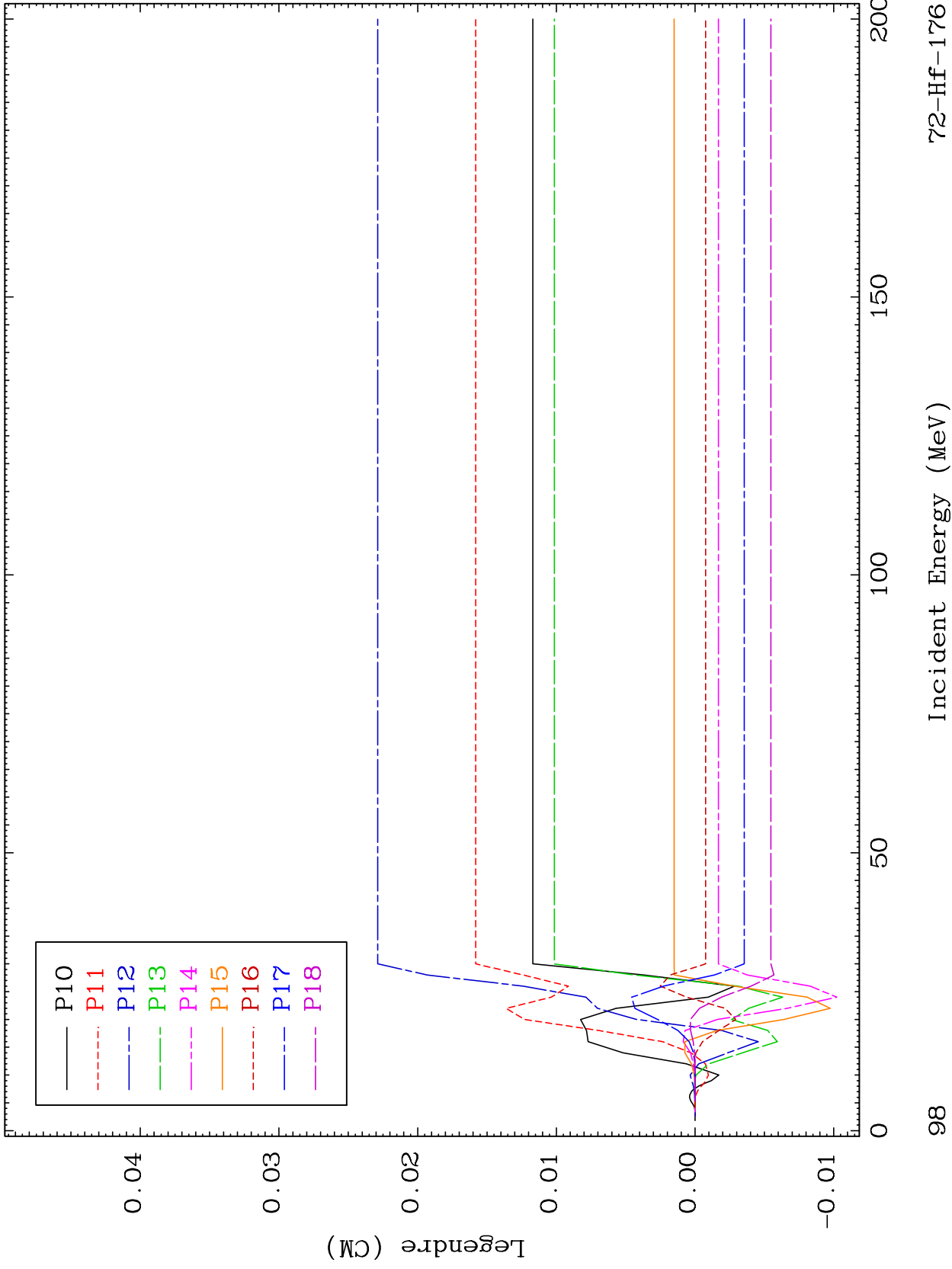




MAT 7231

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

72-Hf-176



98

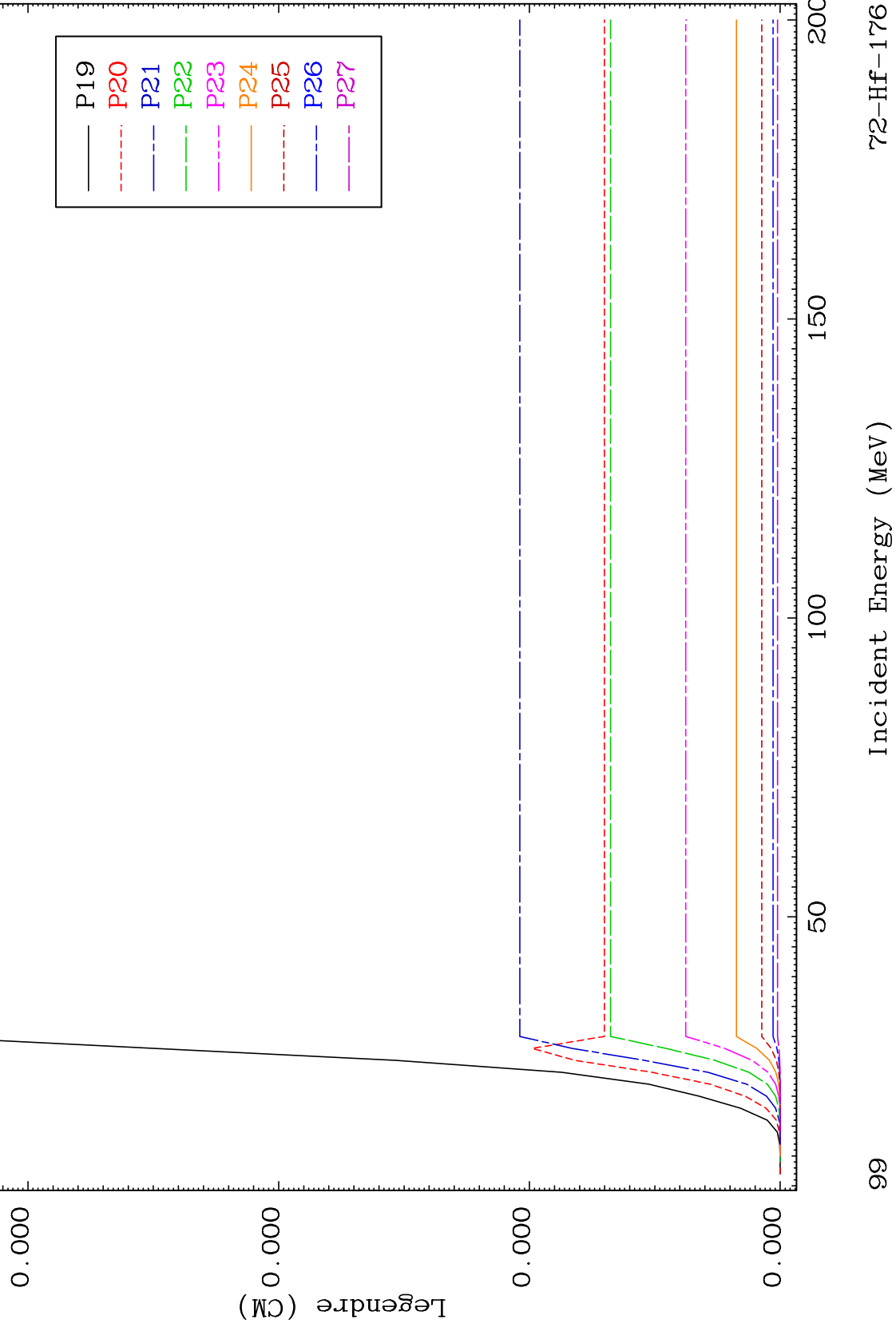
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



99

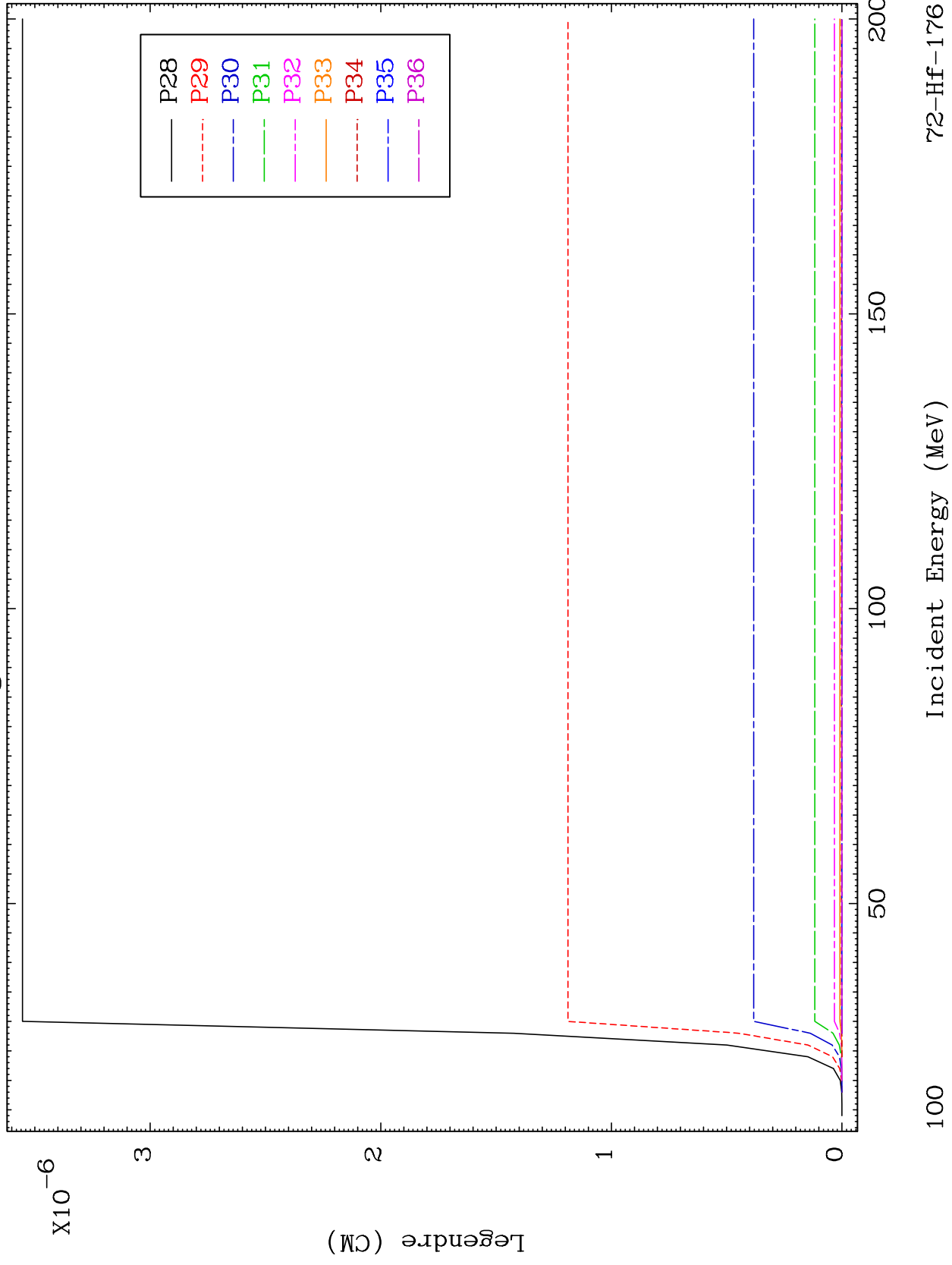
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

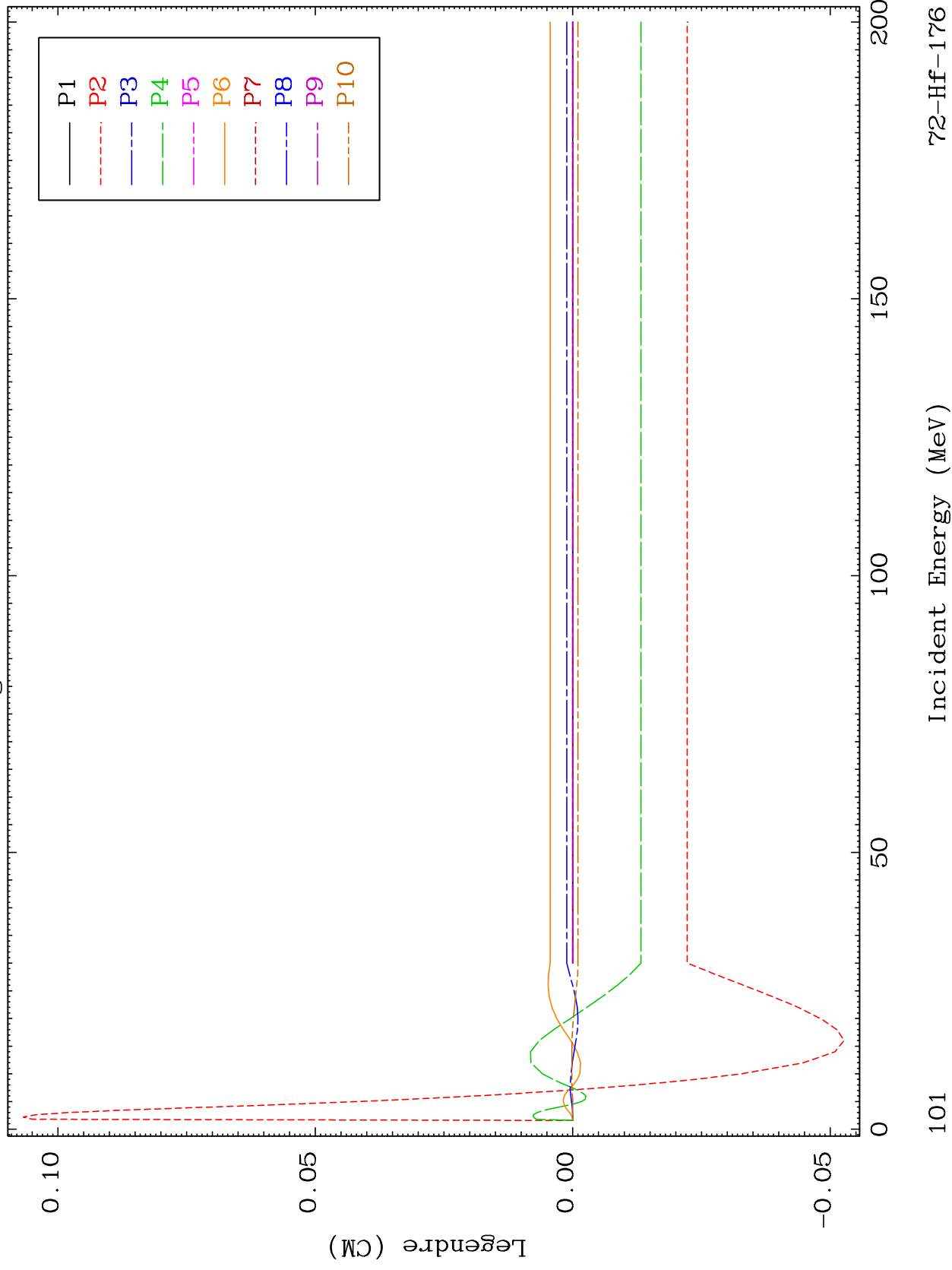
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

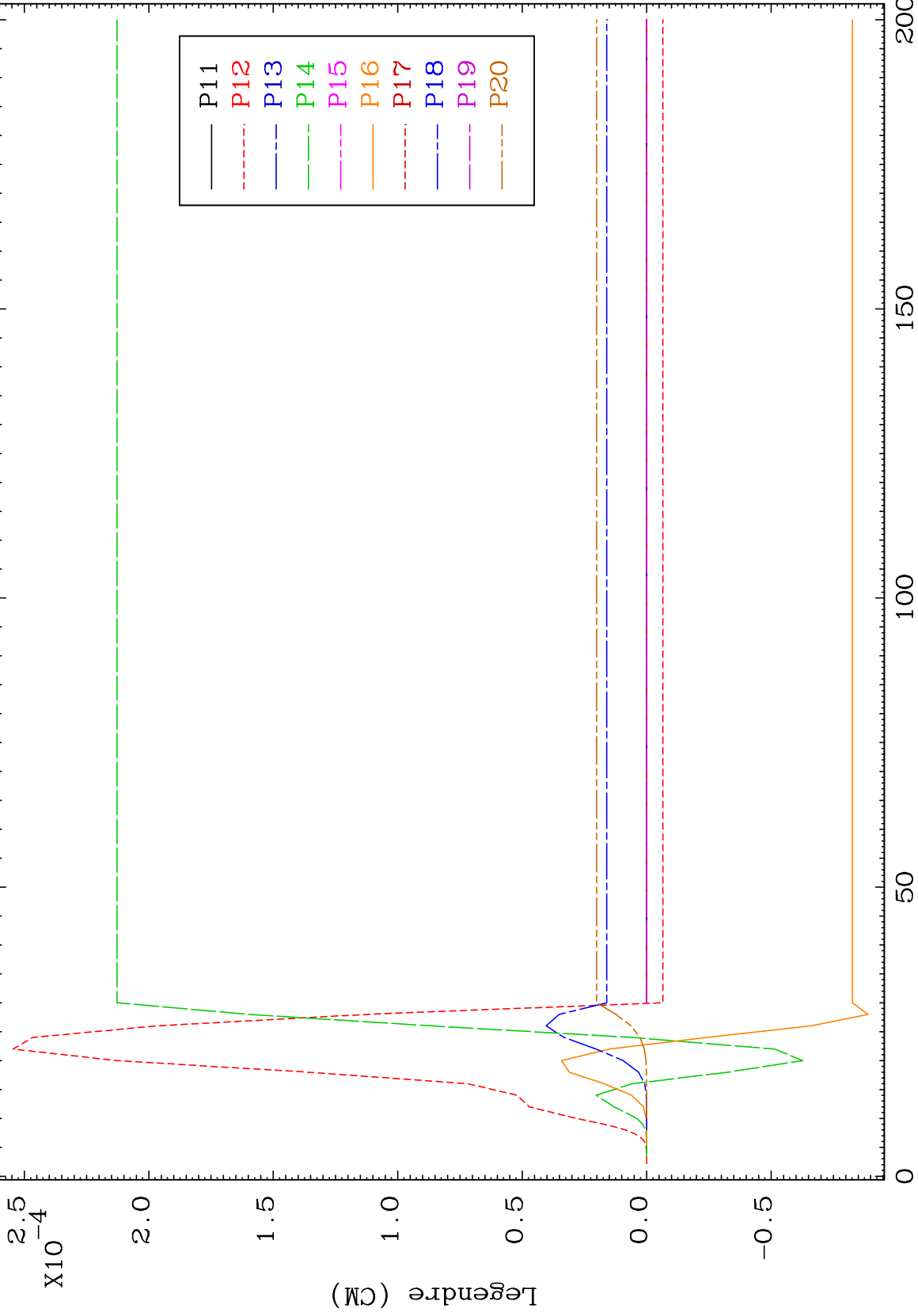
Incident Energy (MeV)

101

MAT 7231

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

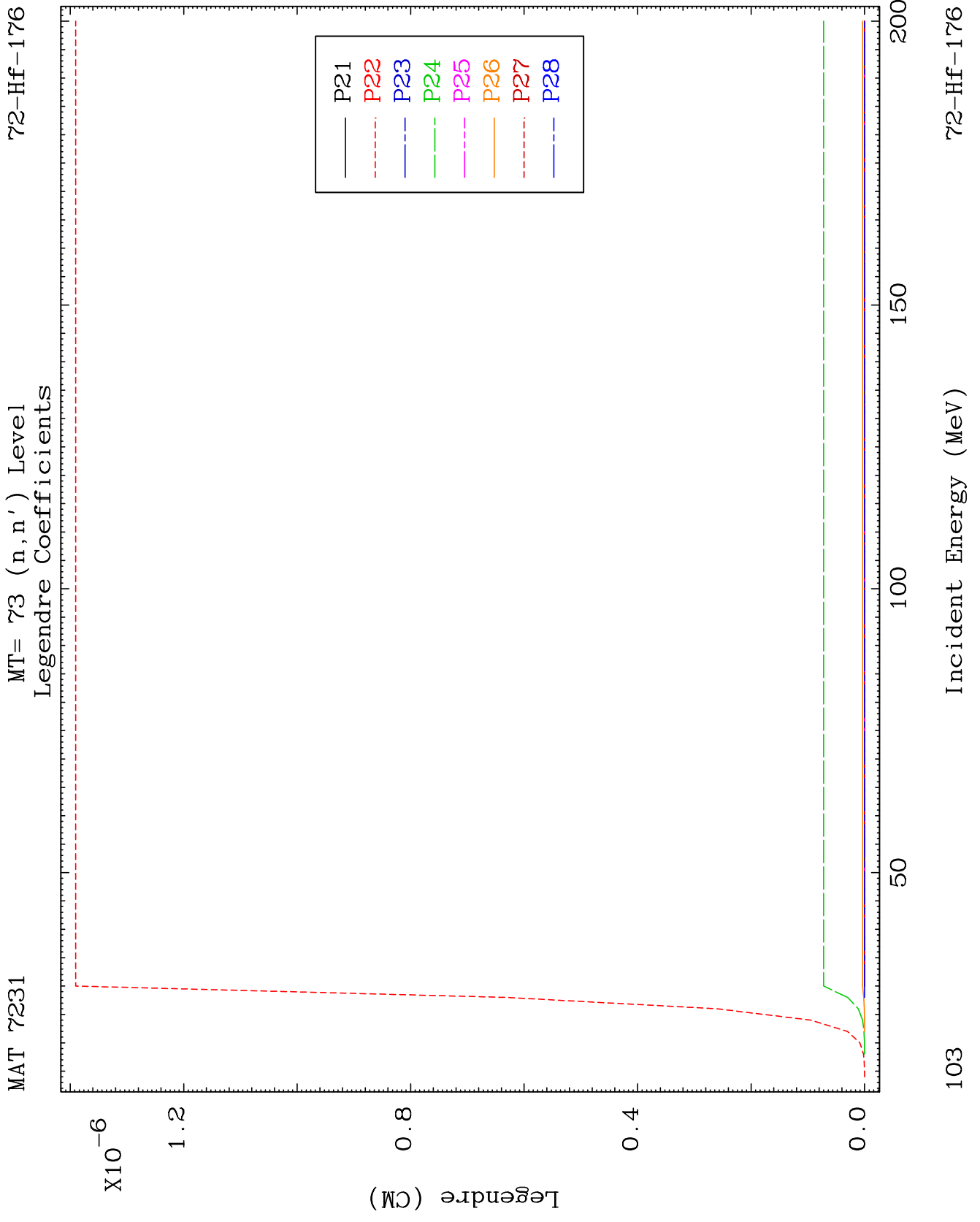
72-Hf-176

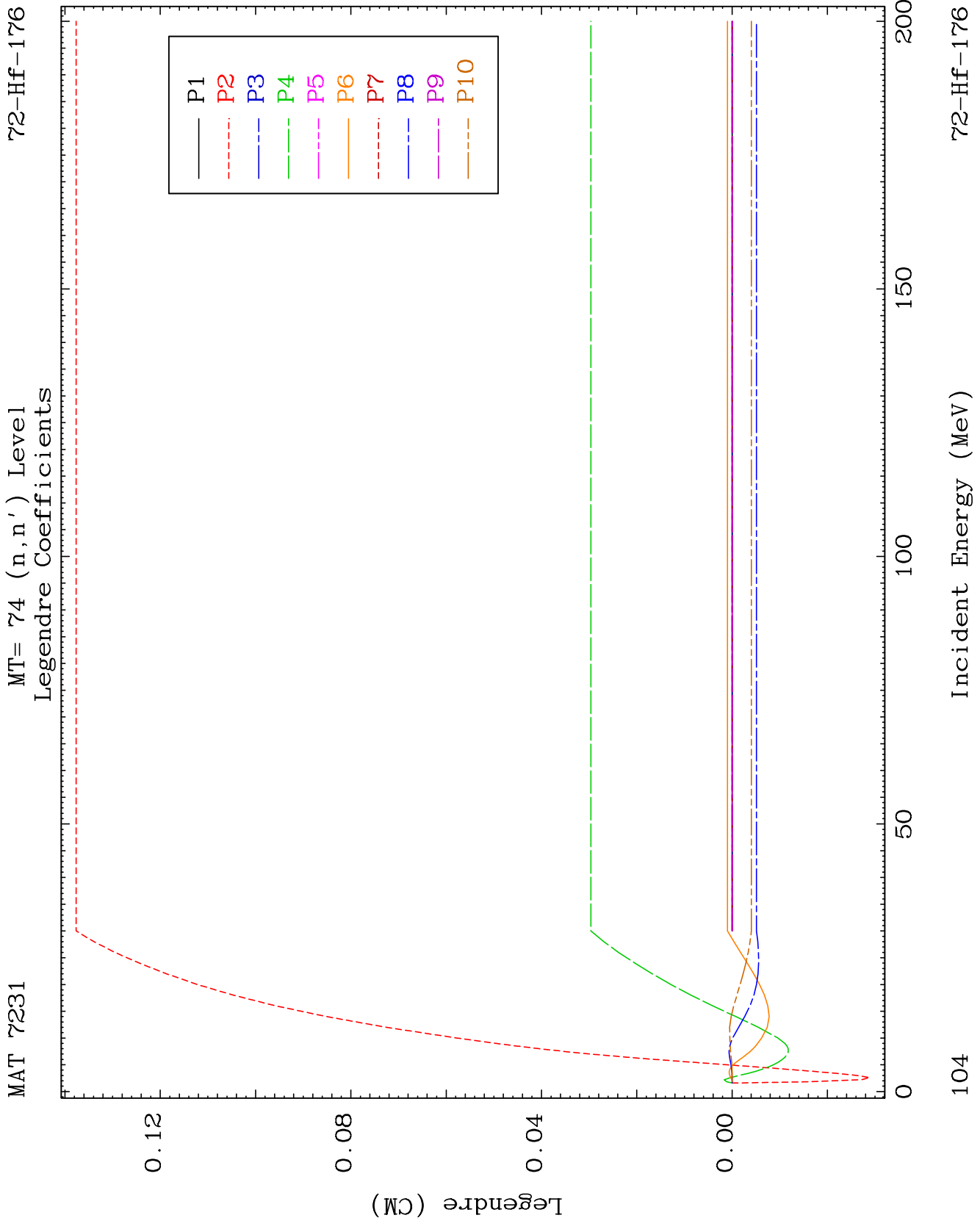


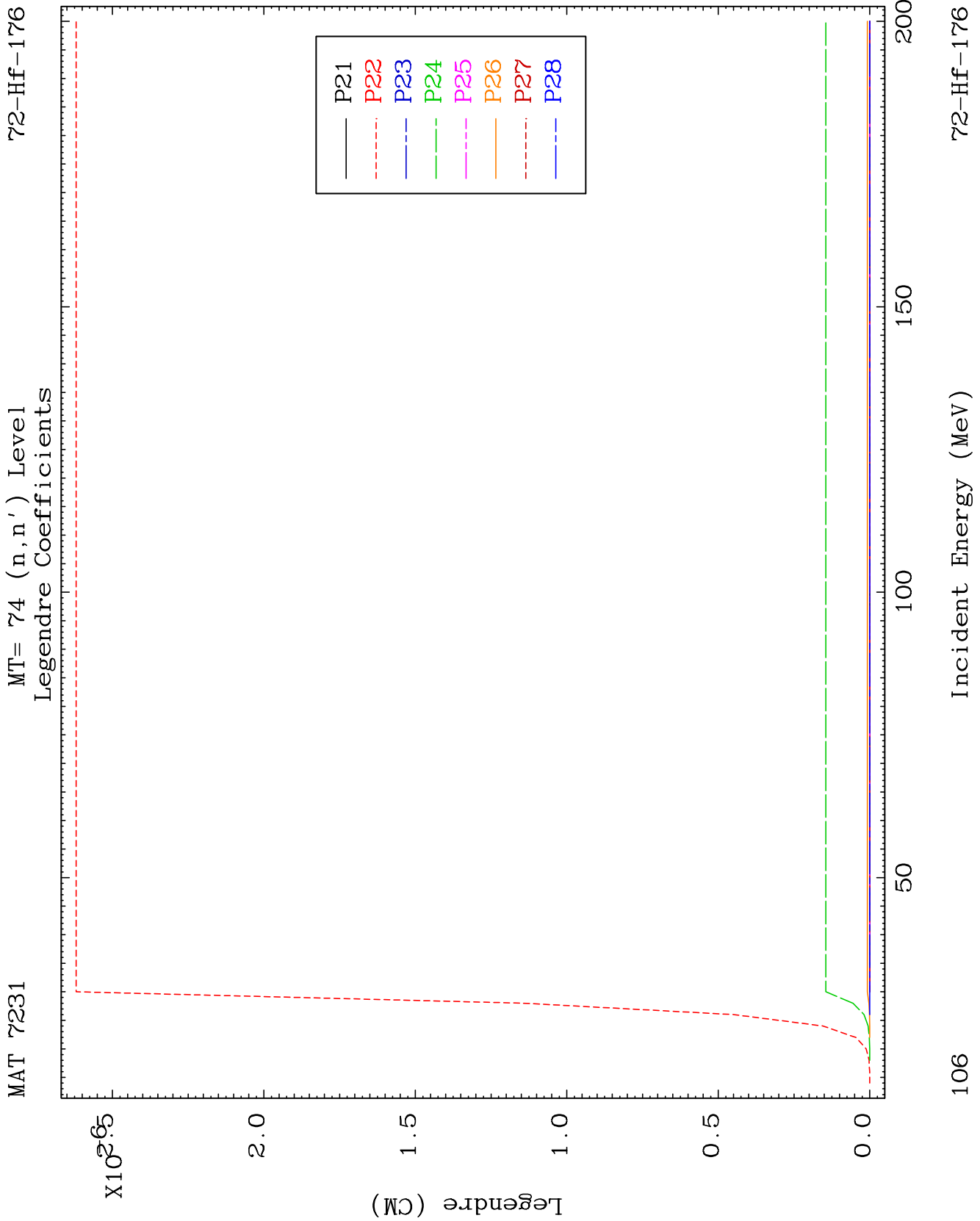
102

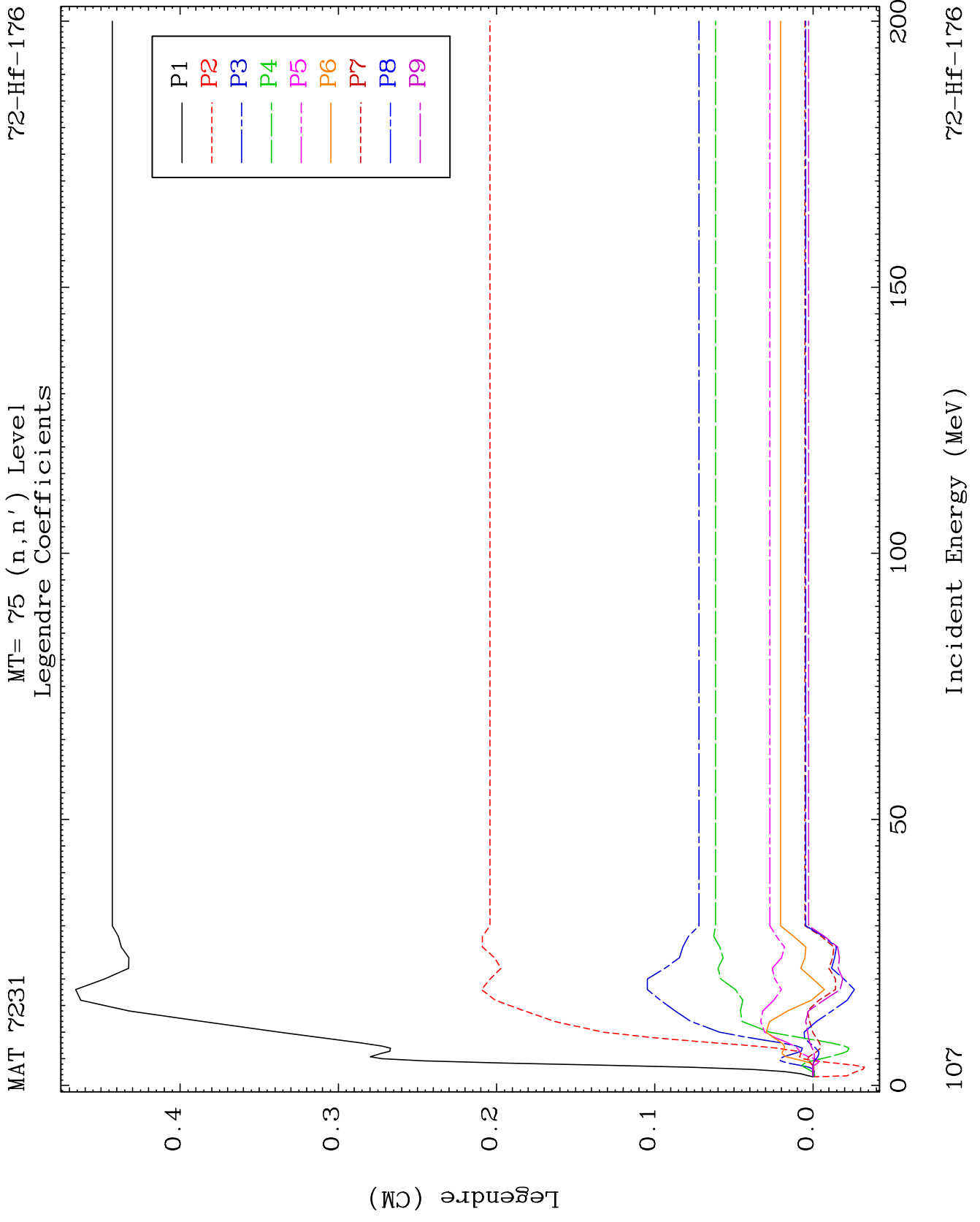
Incident Energy (MeV)

72-Hf-176





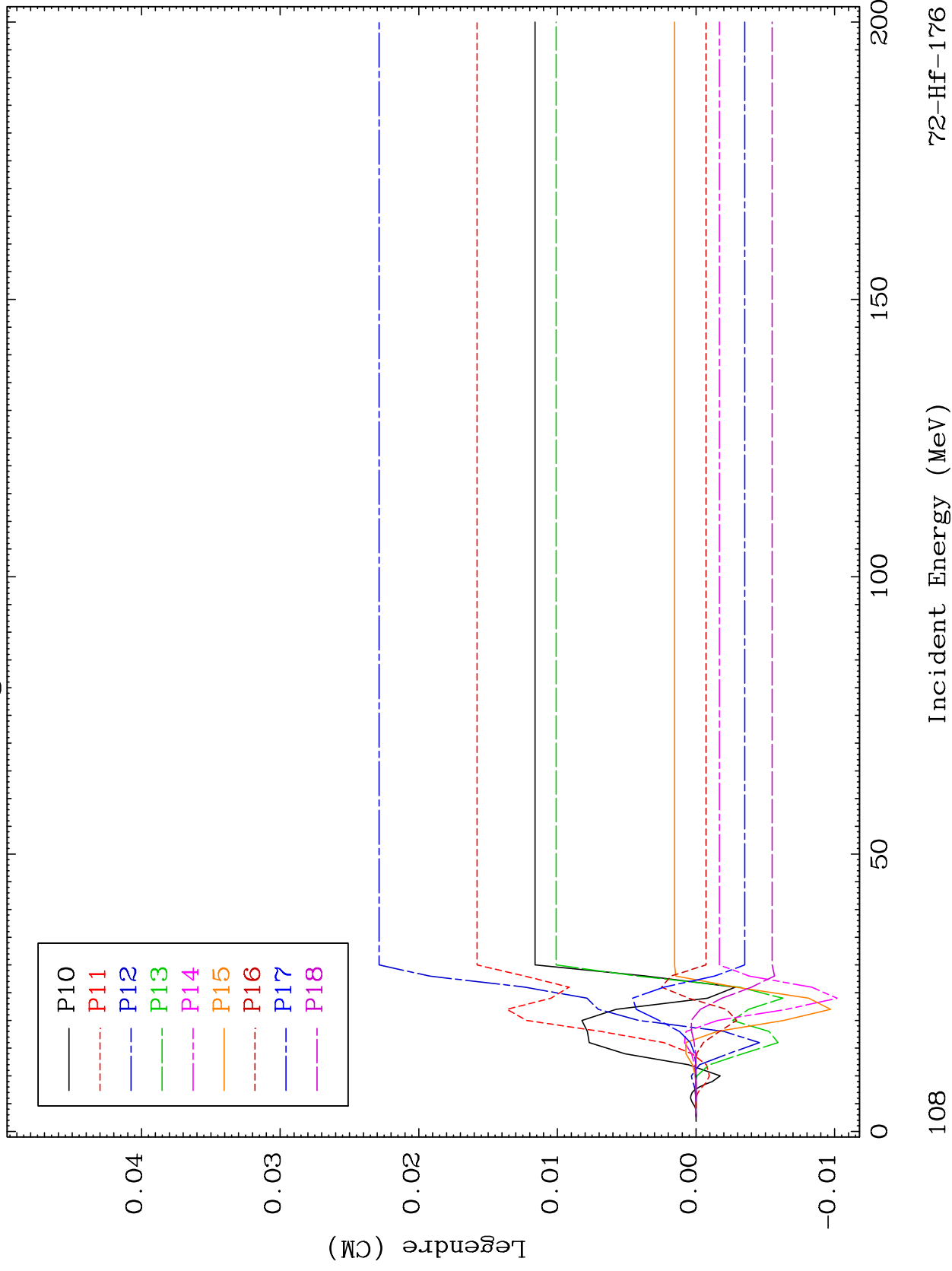




MAT 7231

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

72-Hf-176



72-Hf-176

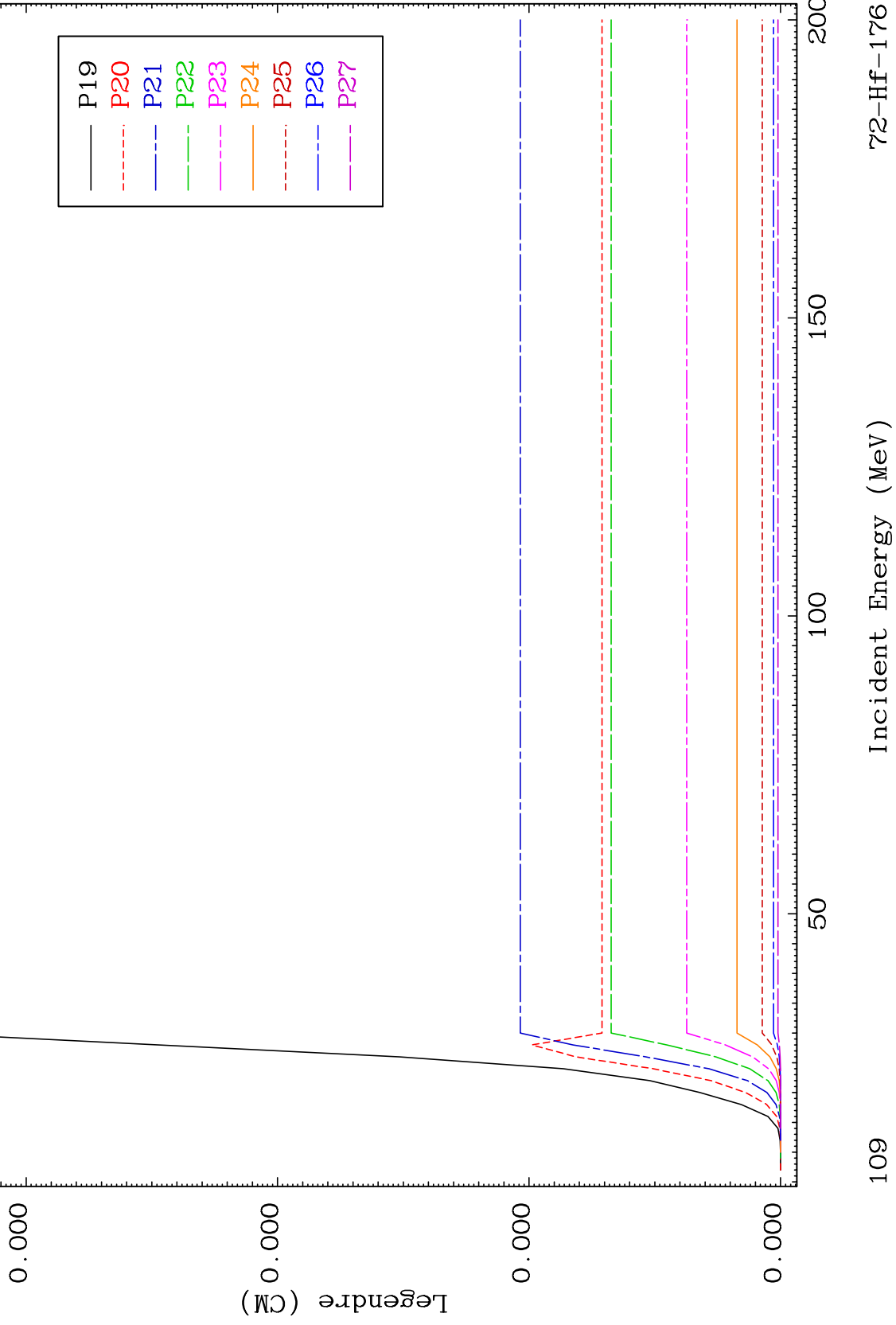
Incident Energy (MeV)

108

MAT 7231

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

72-Hf-176



109

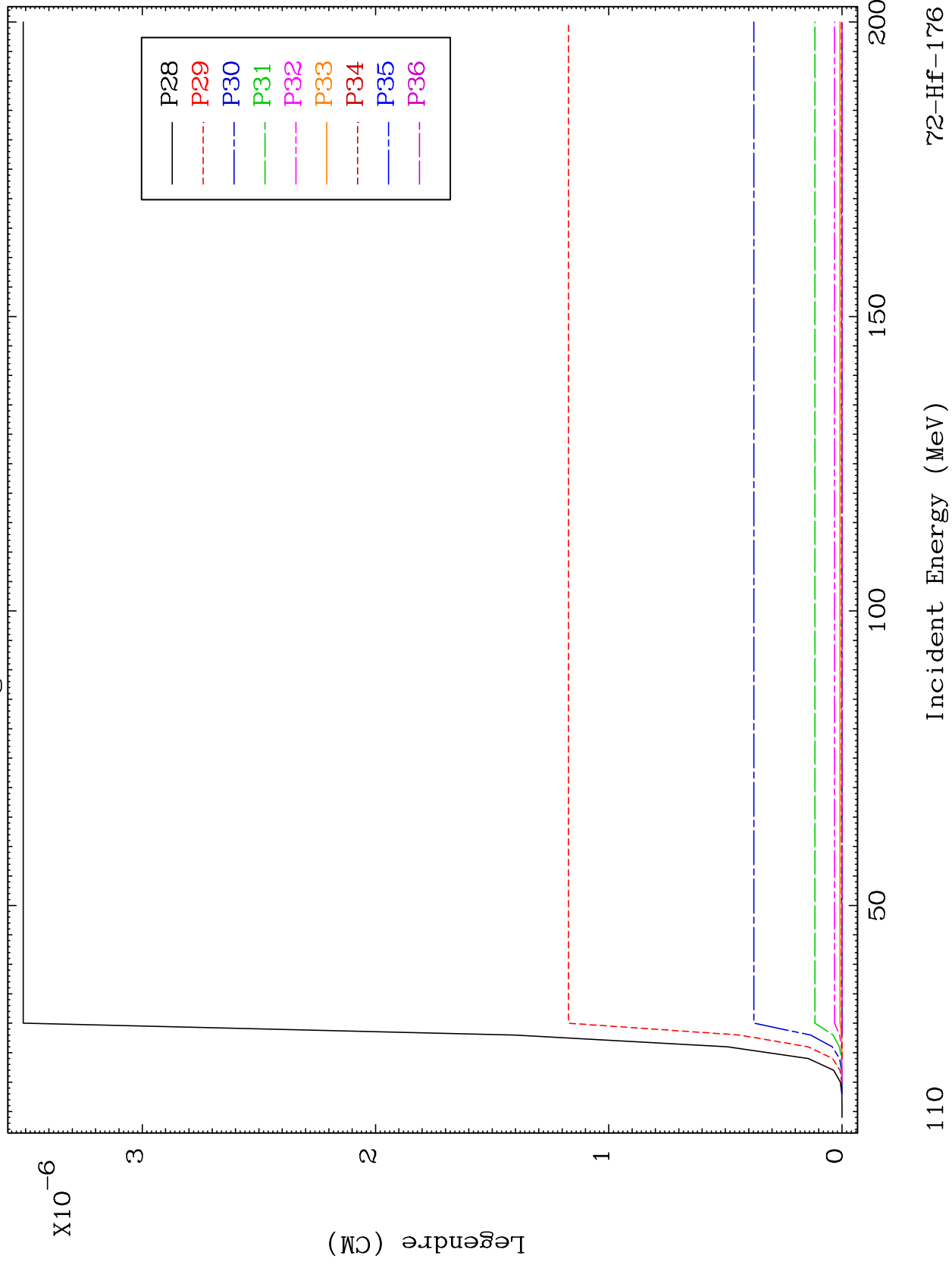
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

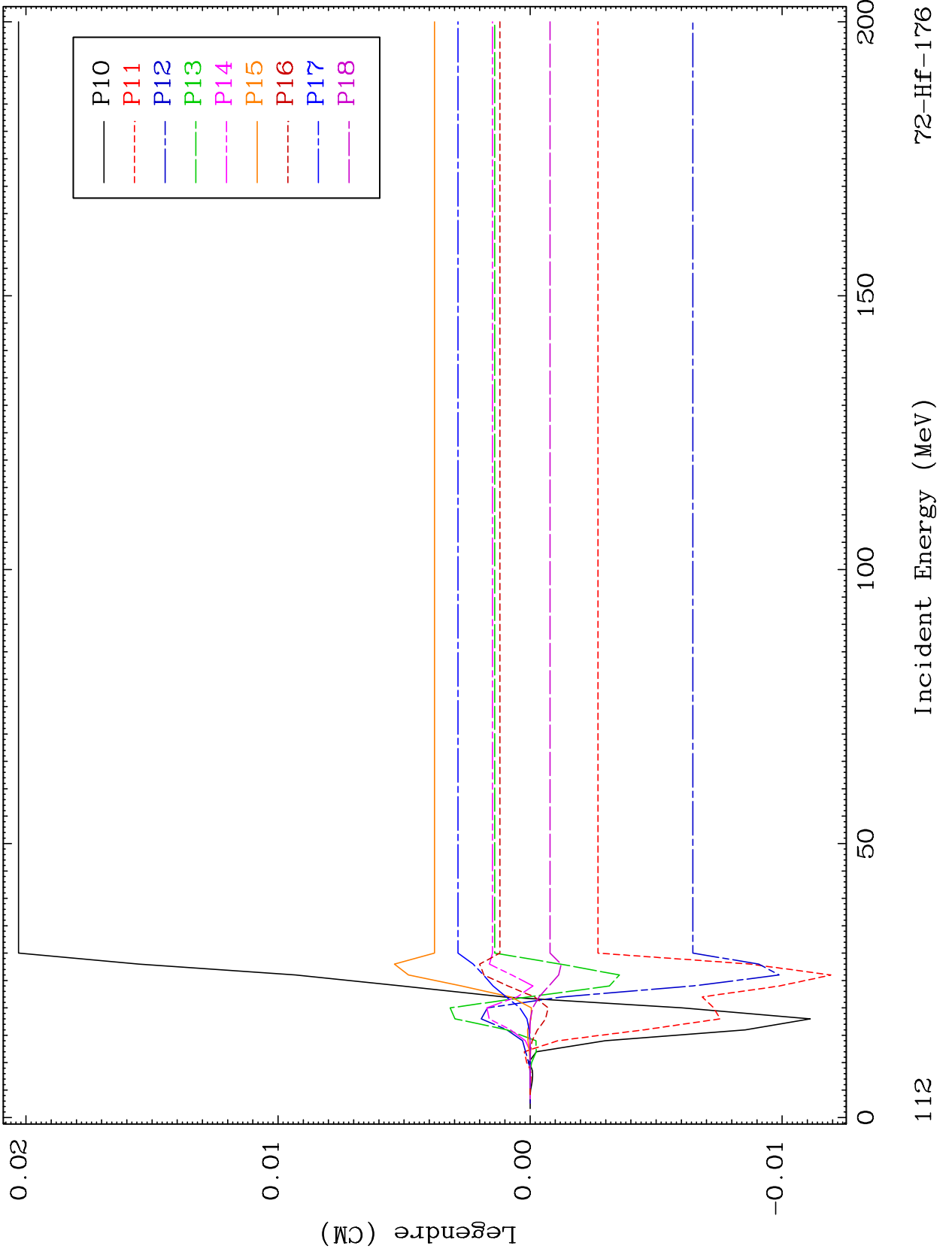
72-Hf-176



MAT 7231

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

72-Hf-176



112

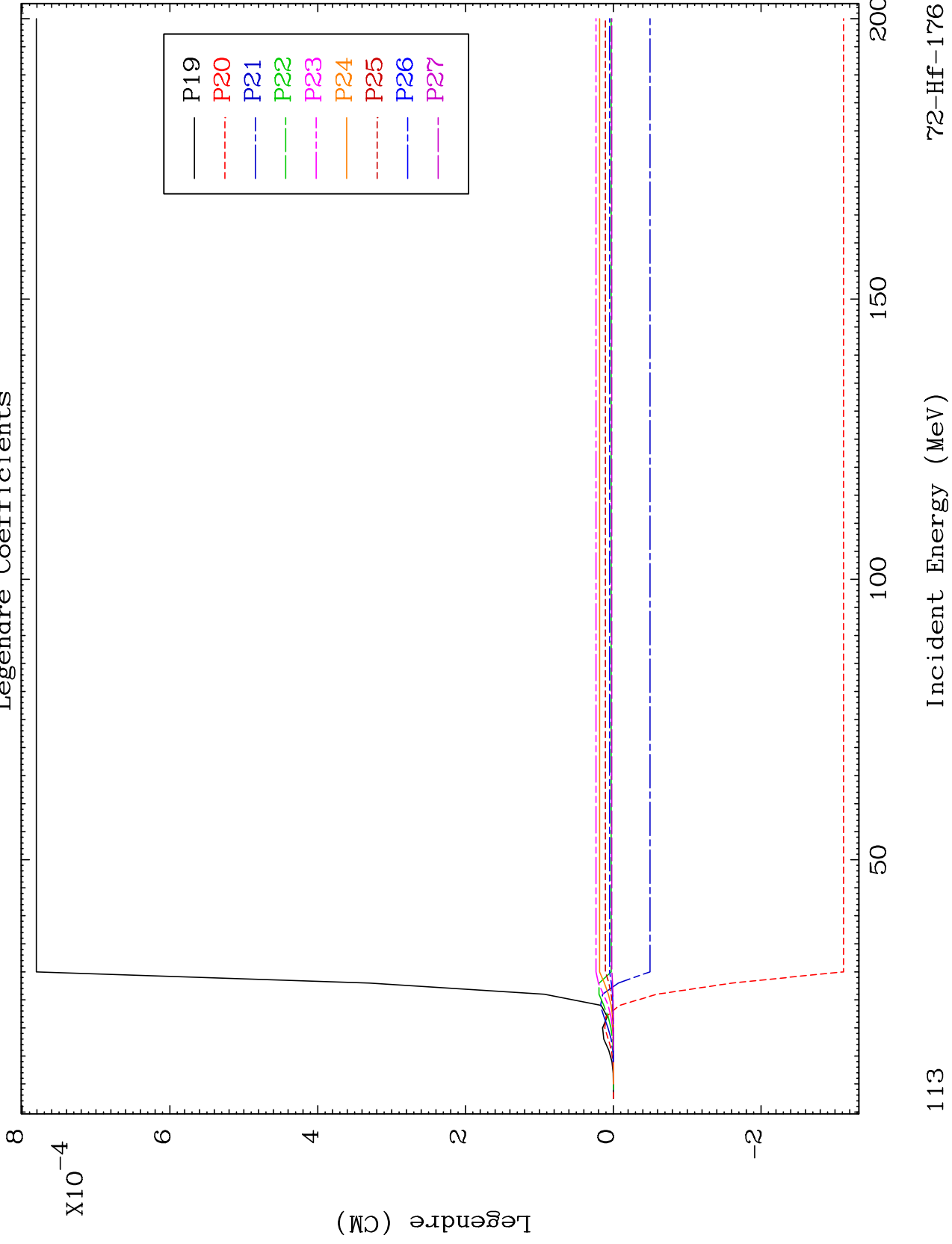
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



113

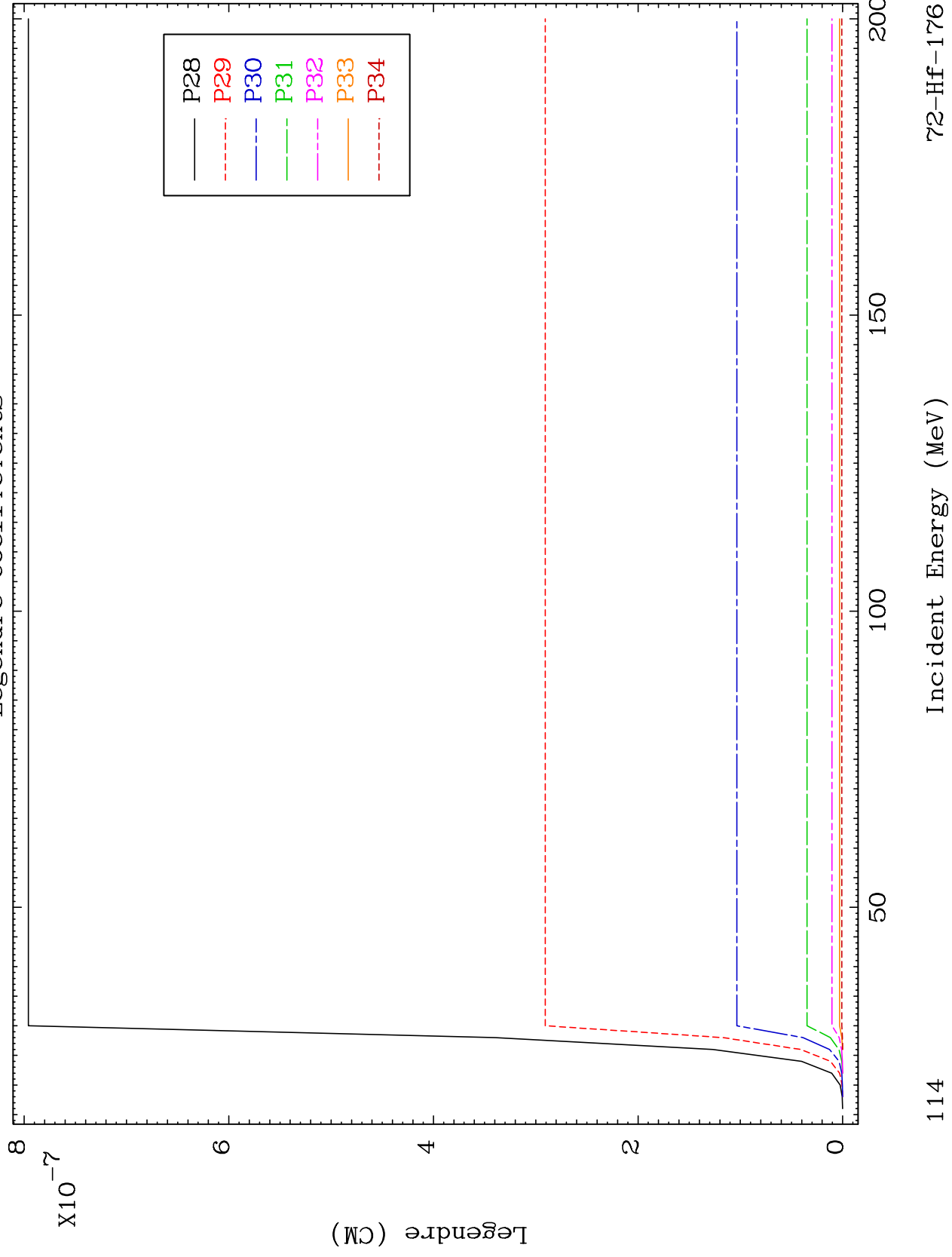
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



114

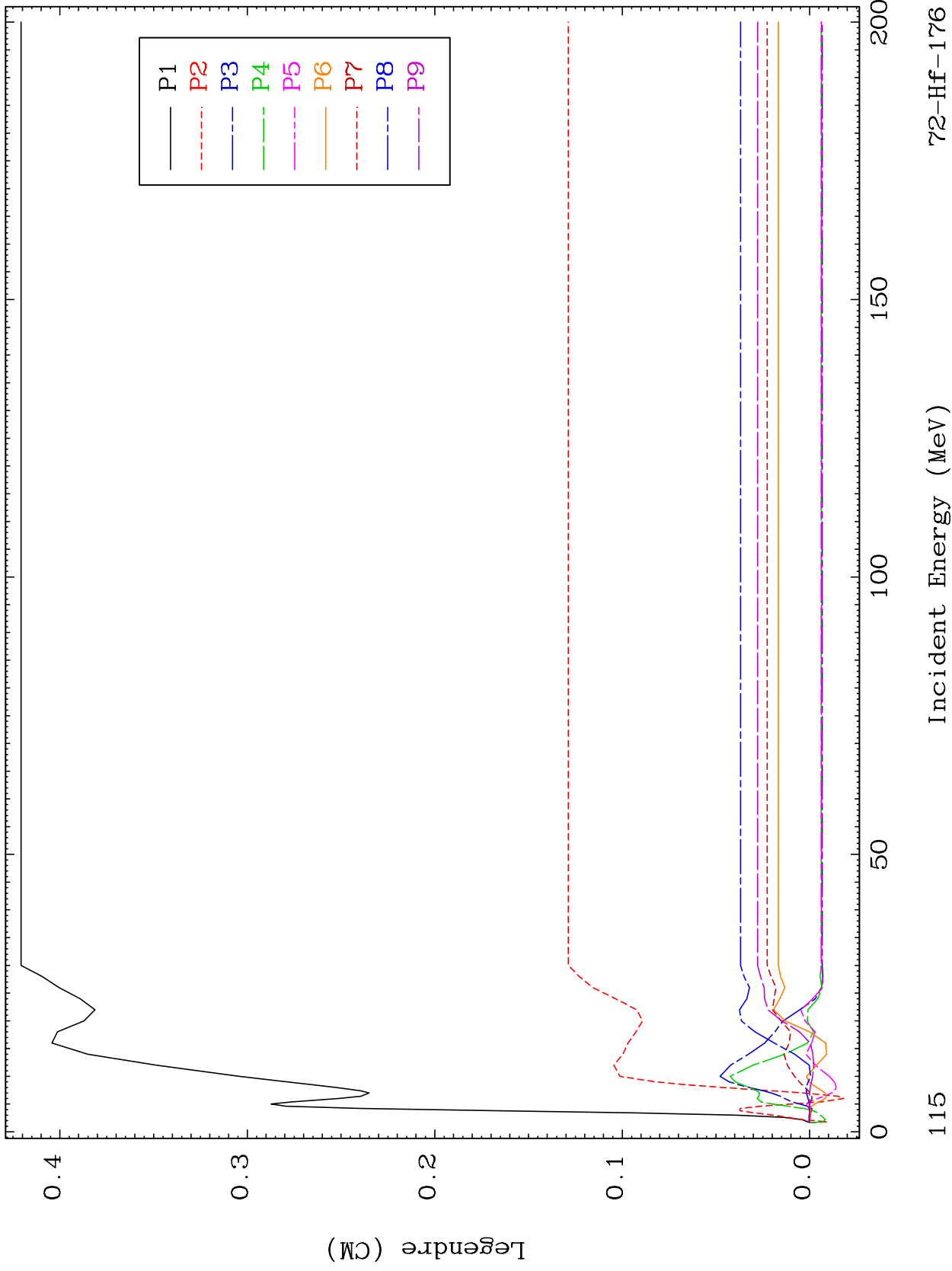
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

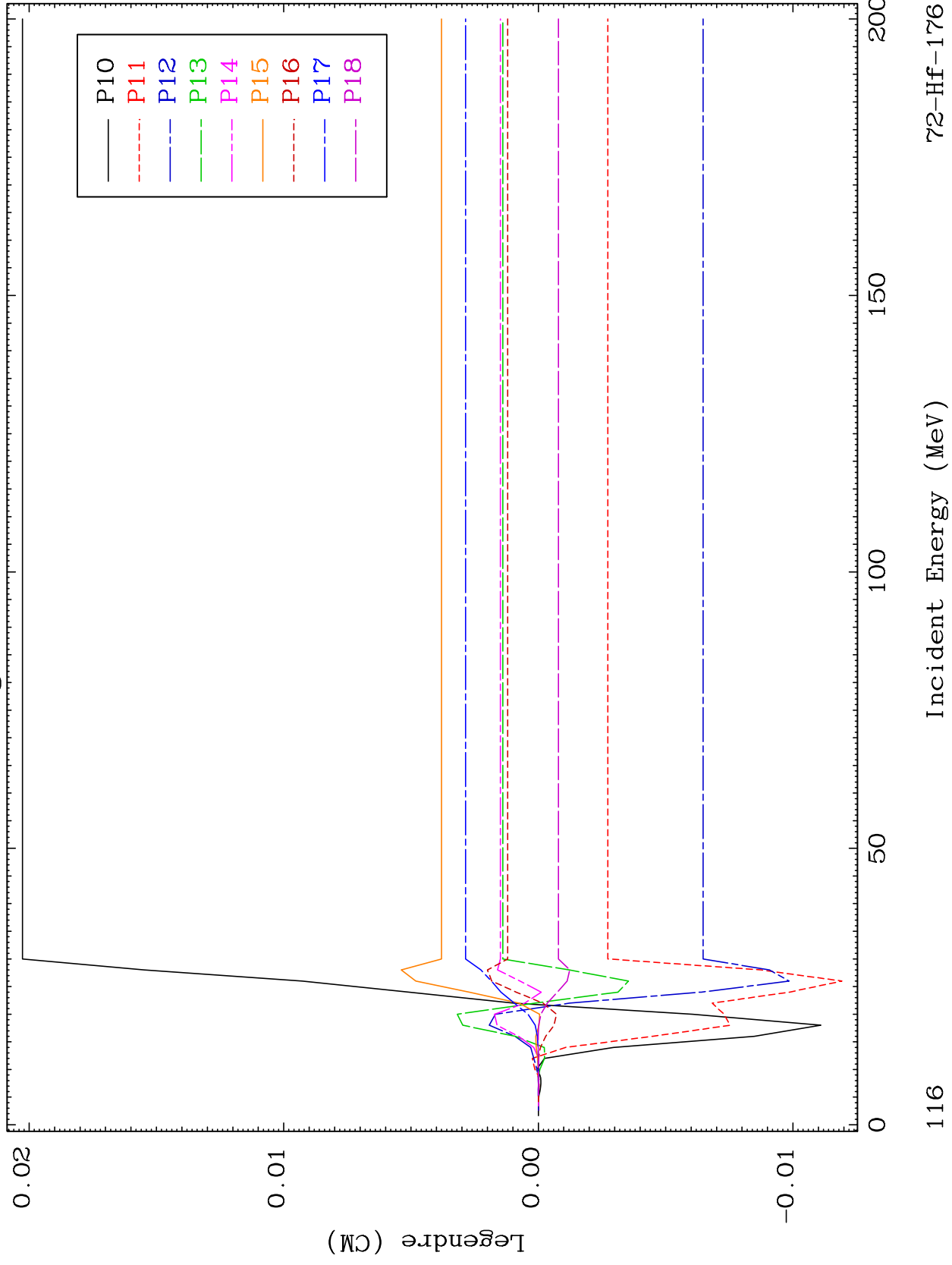
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

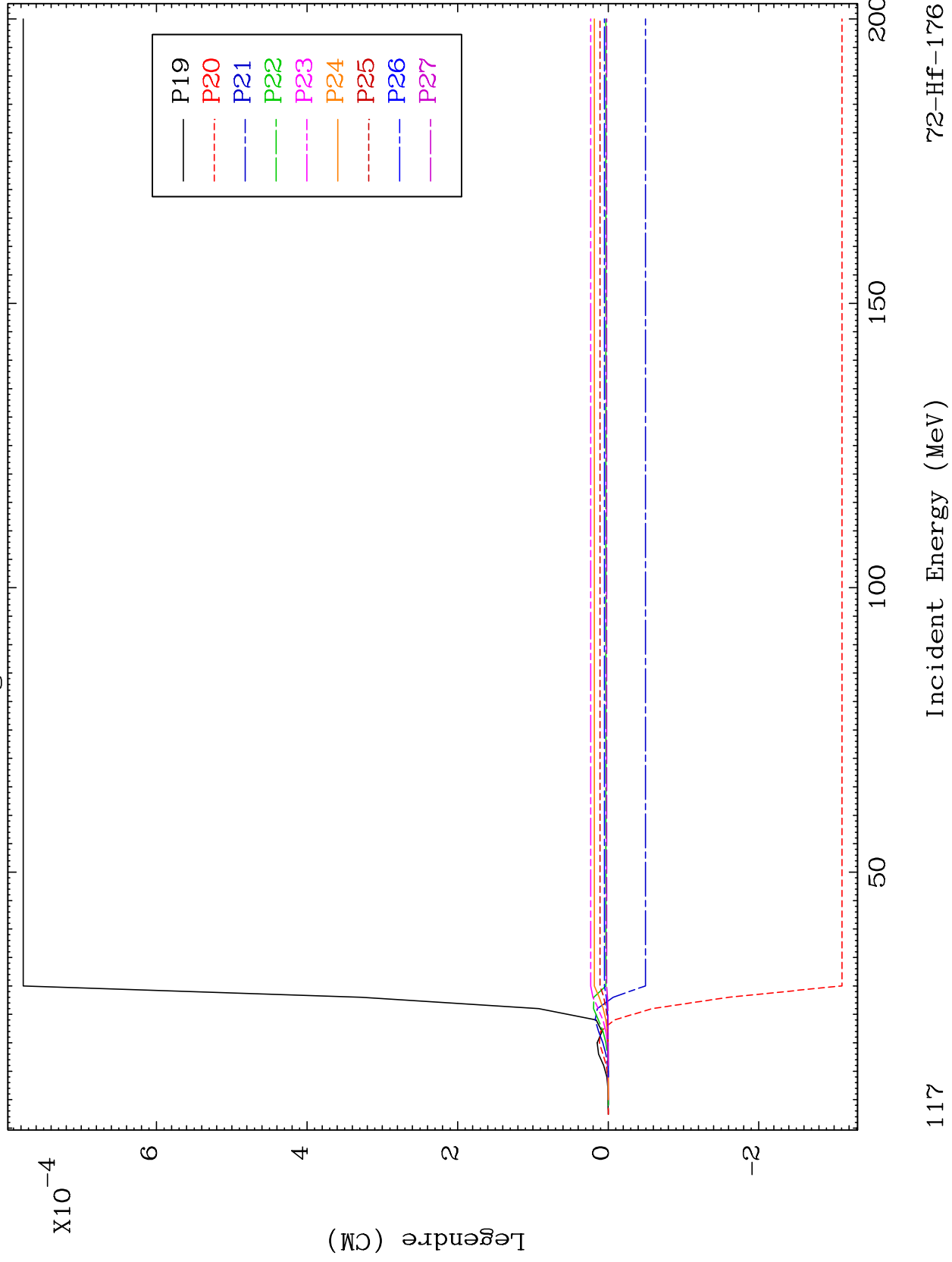
Incident Energy (MeV)

116

MAT 7231

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

72-Hf-176



117

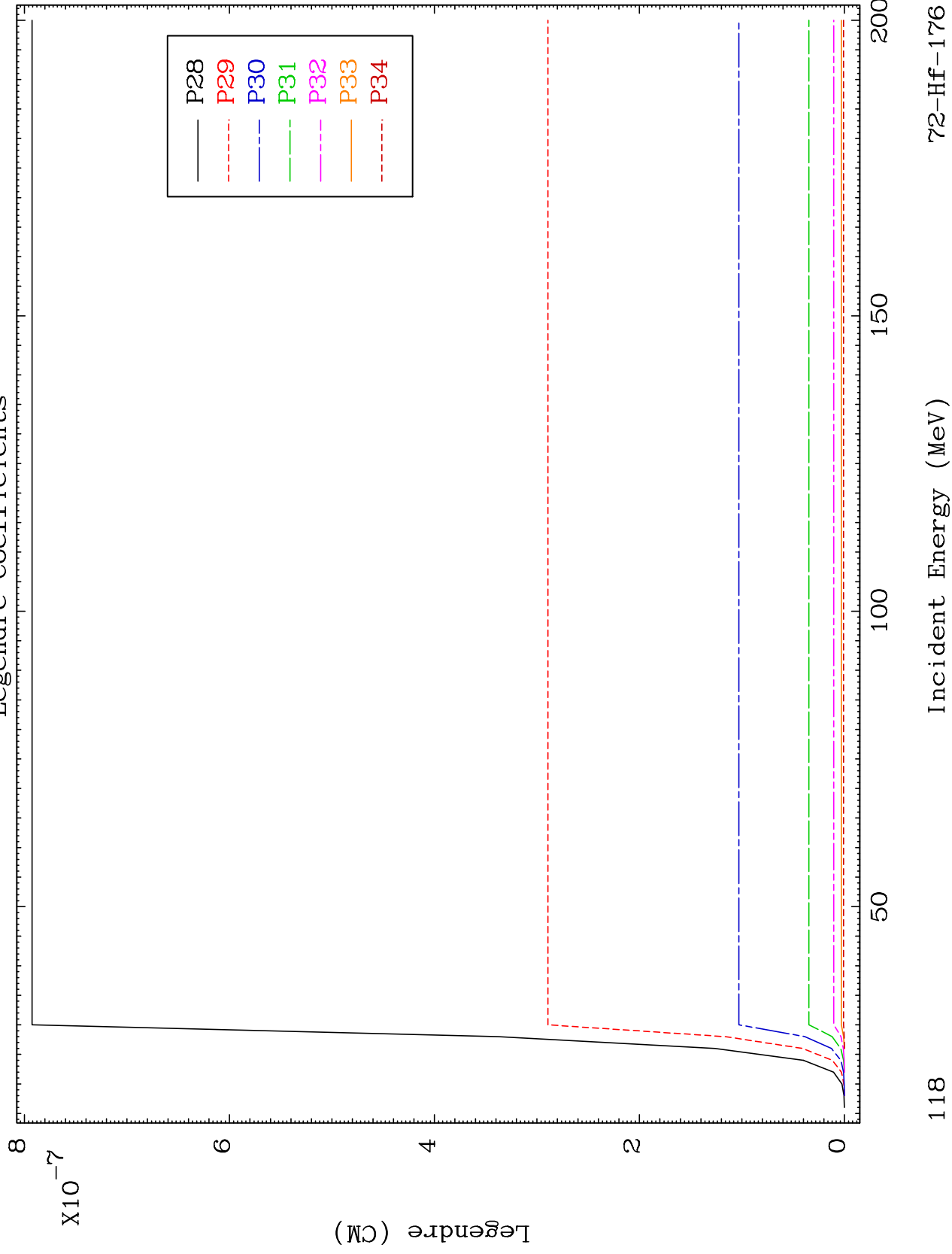
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



118

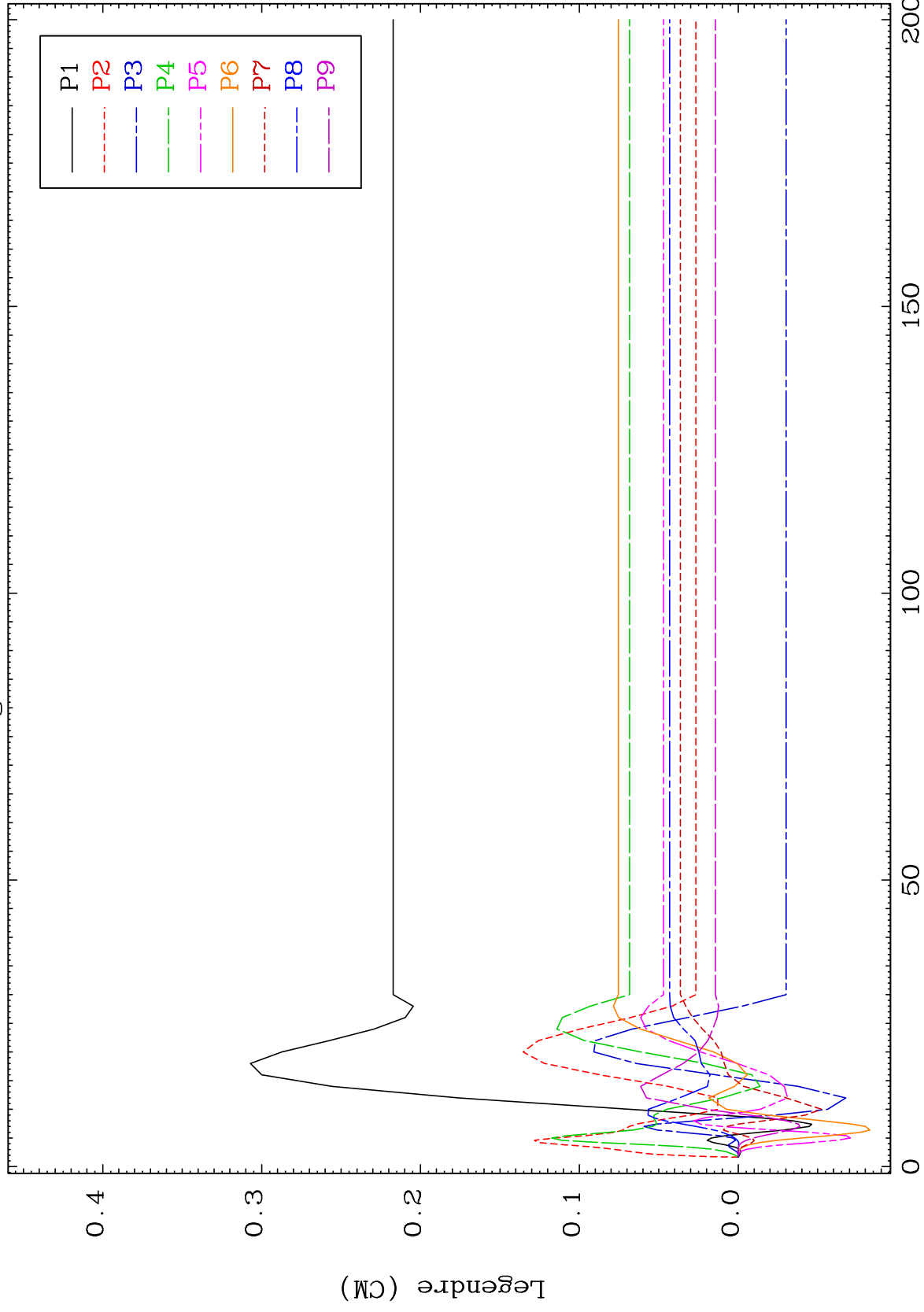
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



119

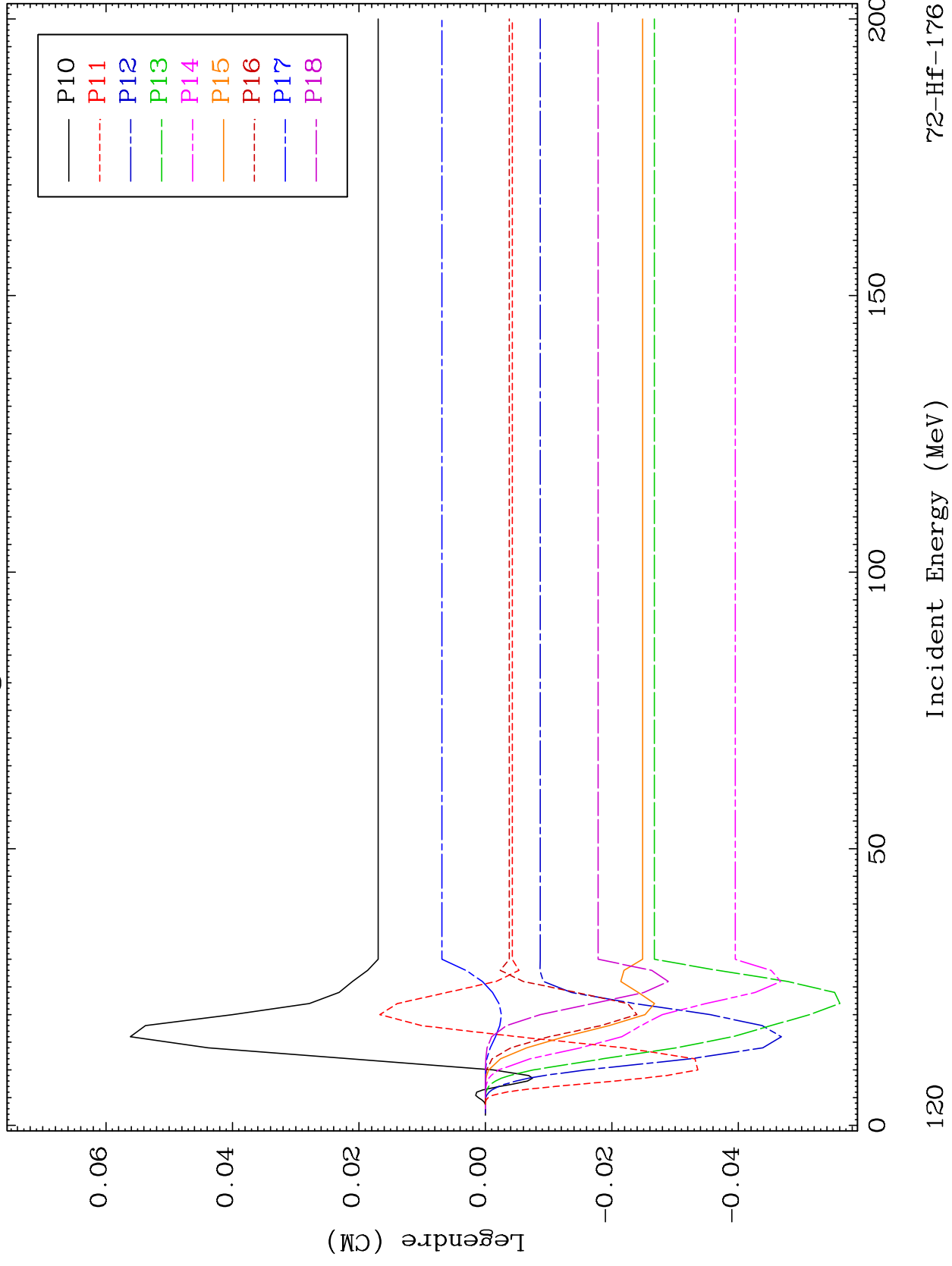
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

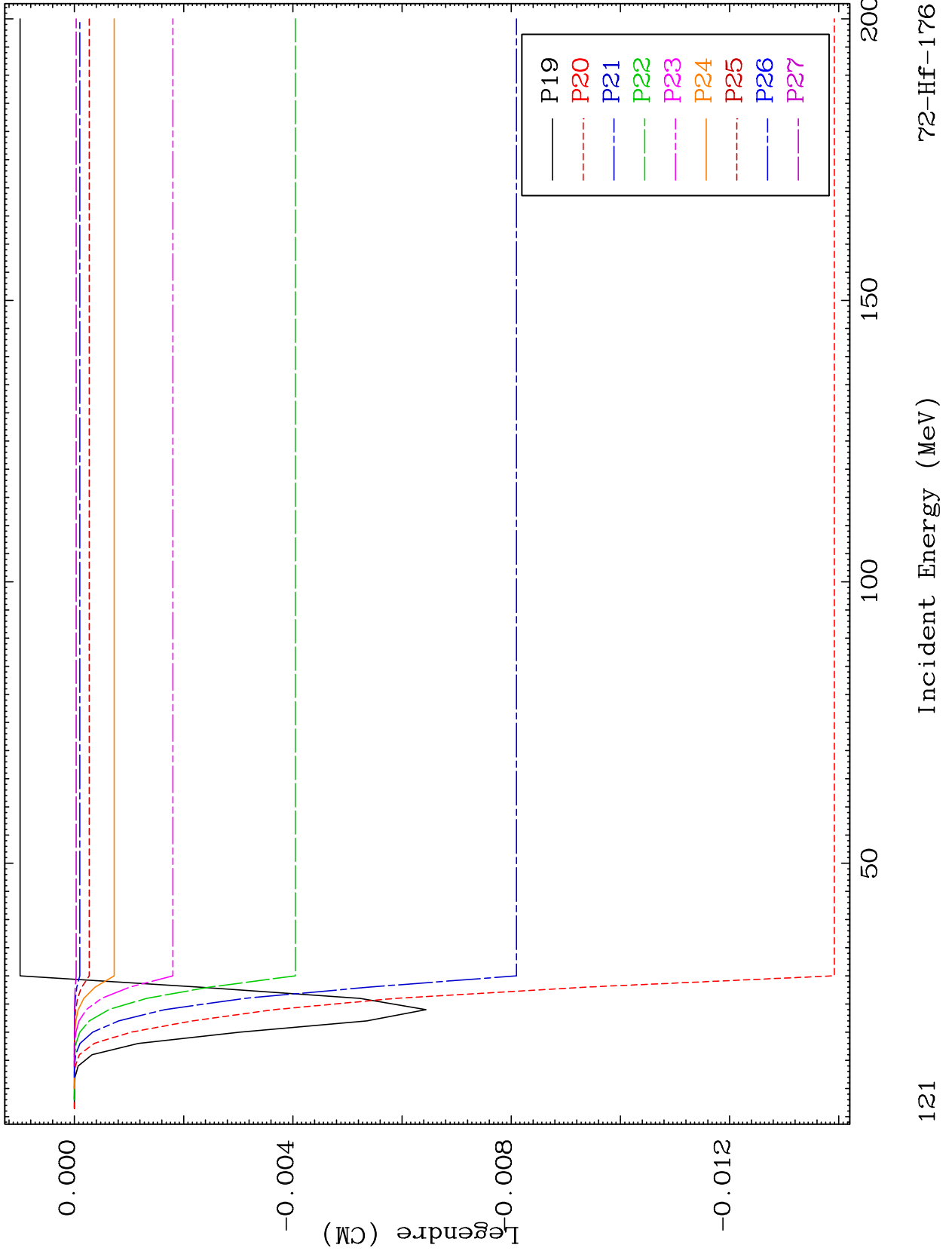
72-Hf-176



MAT 7231

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

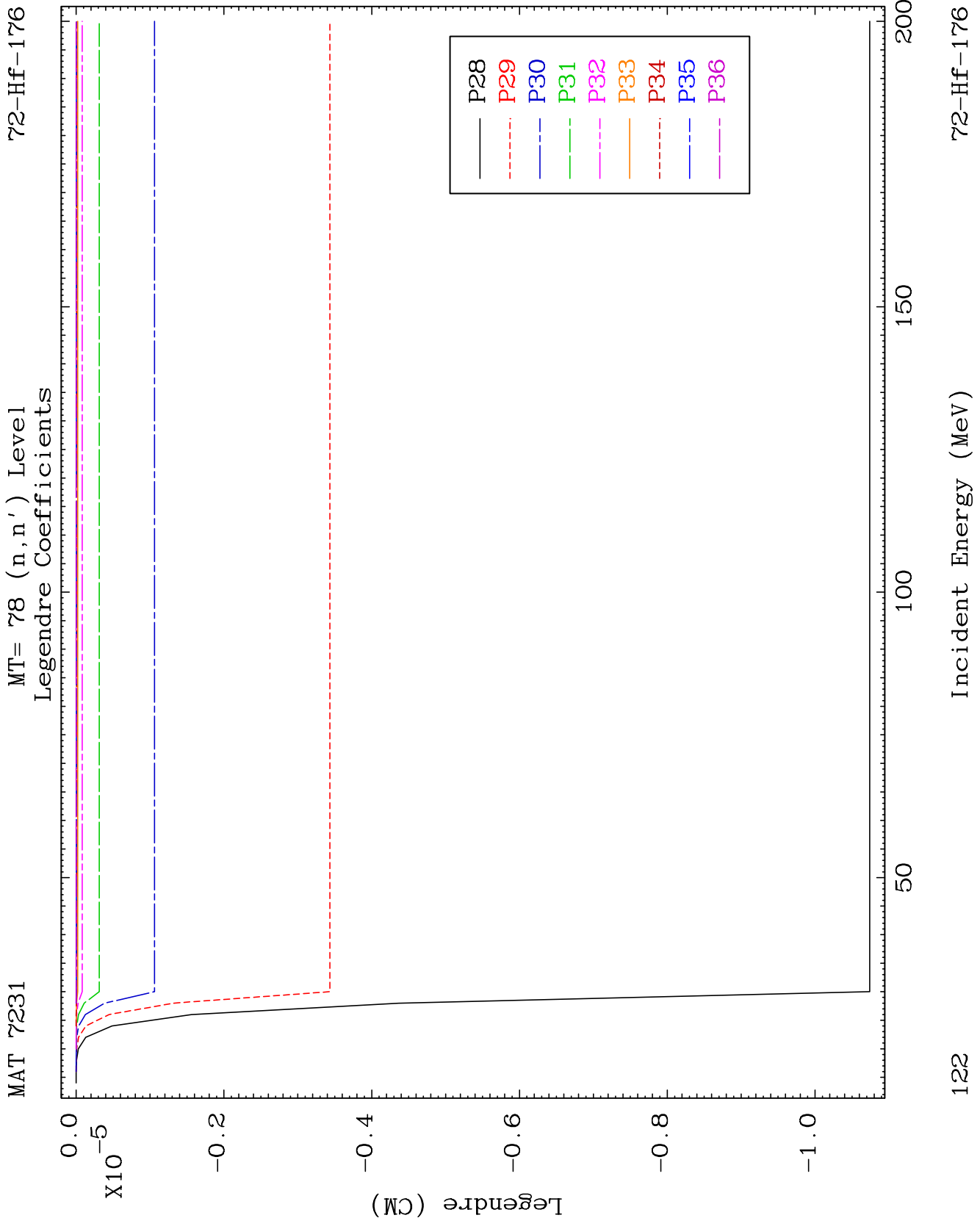
72-Hf-176



121

Incident Energy (MeV)

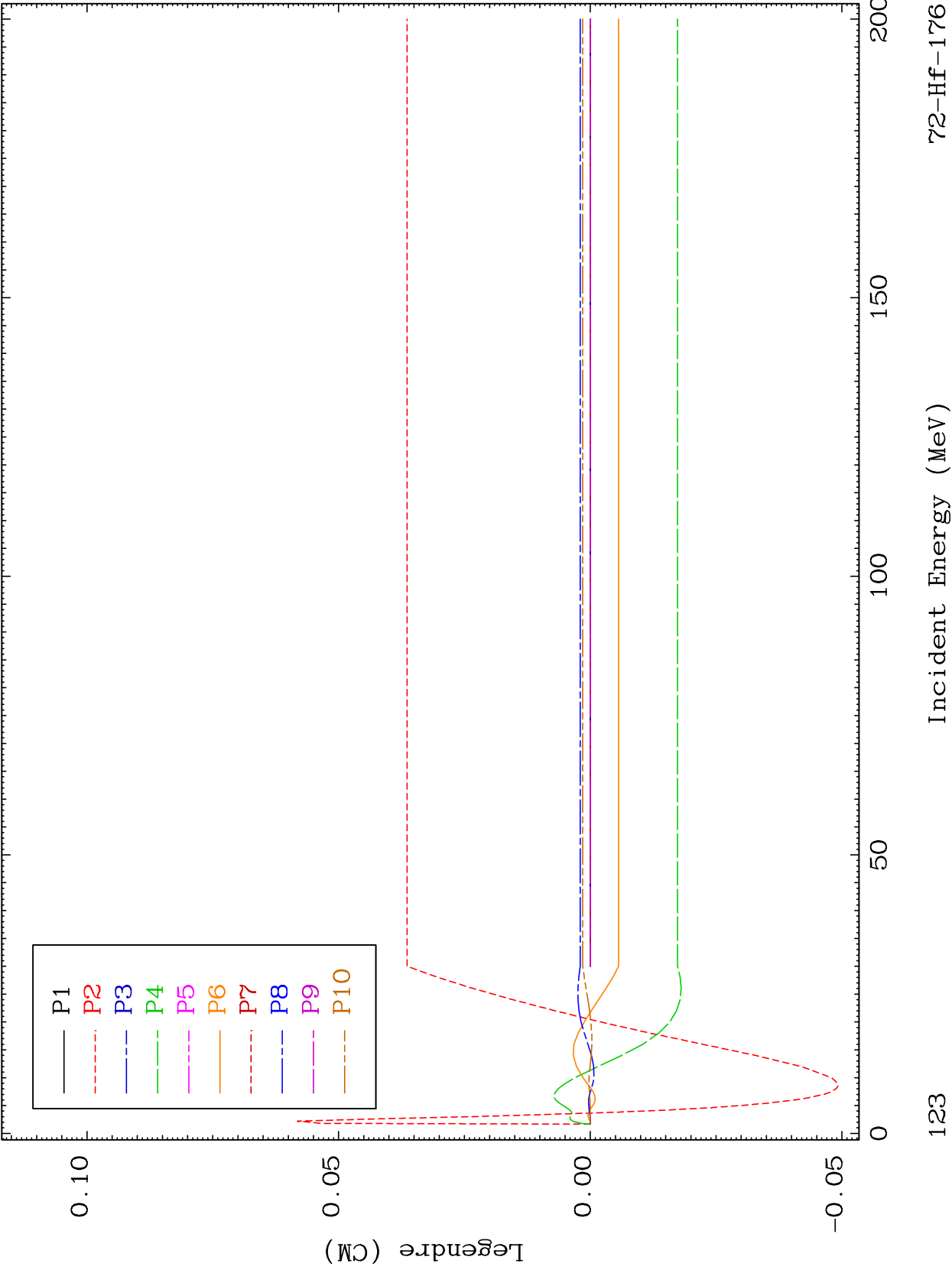
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

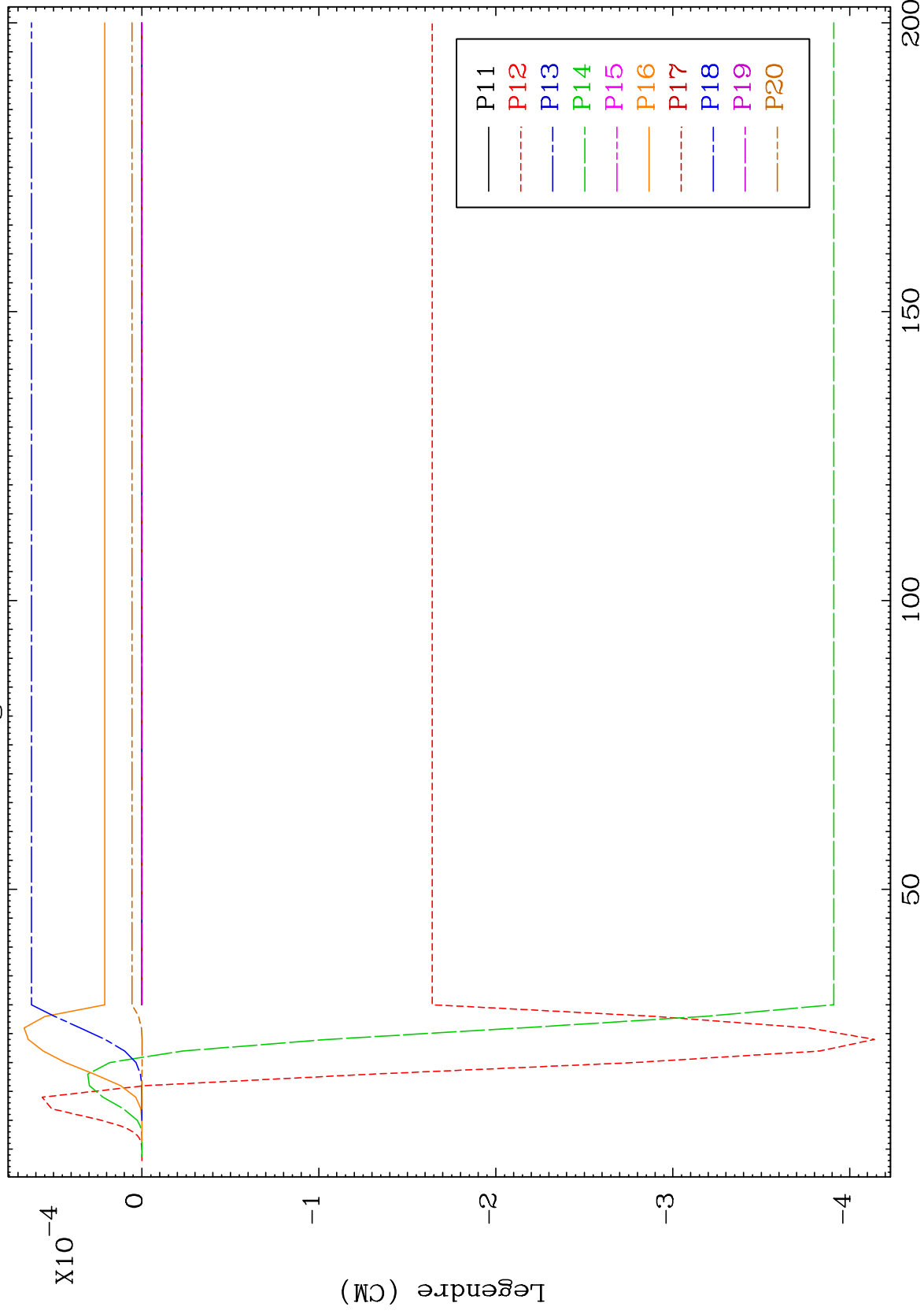
Incident Energy (MeV)

123

MAT 7231

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

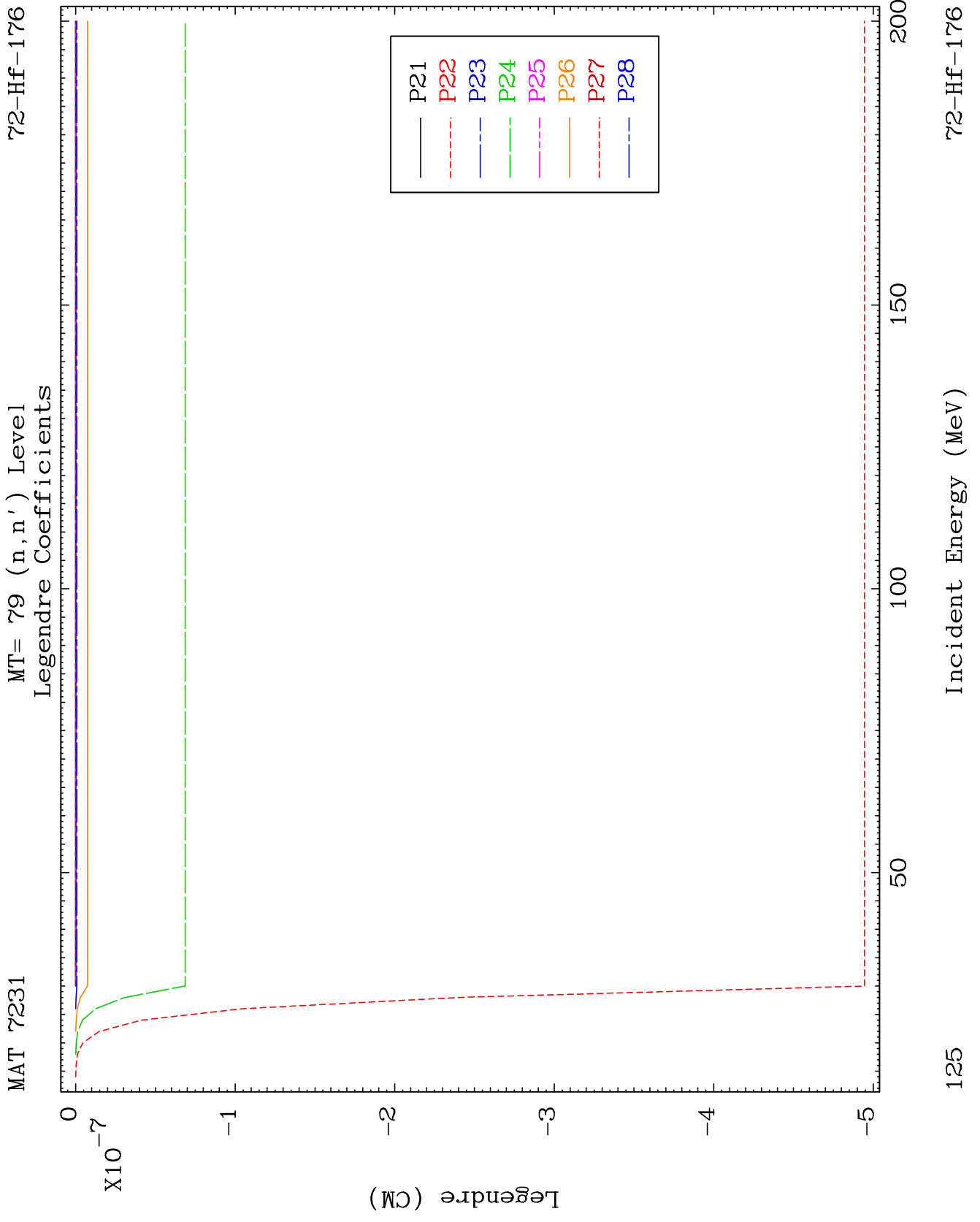
72-Hf-176

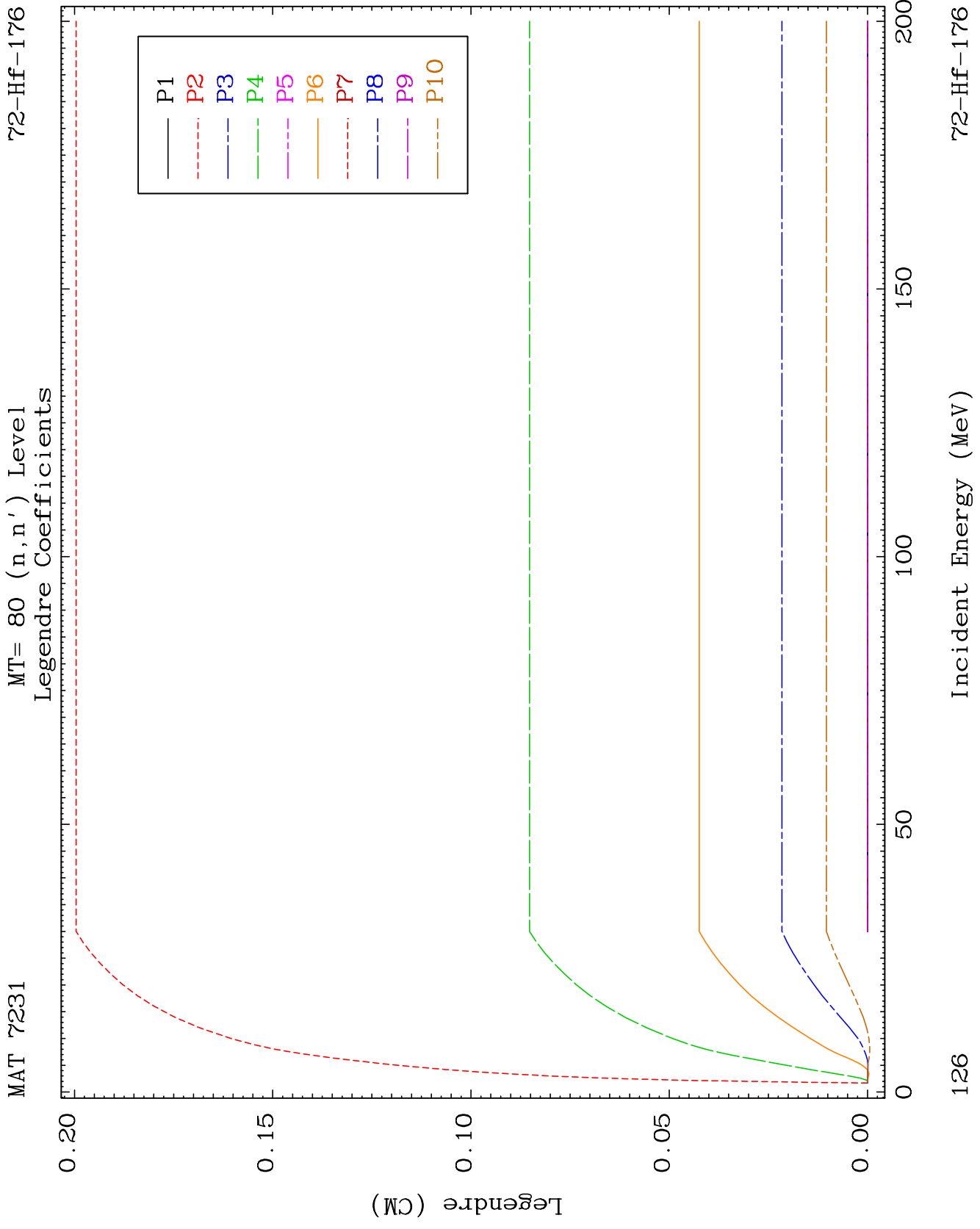


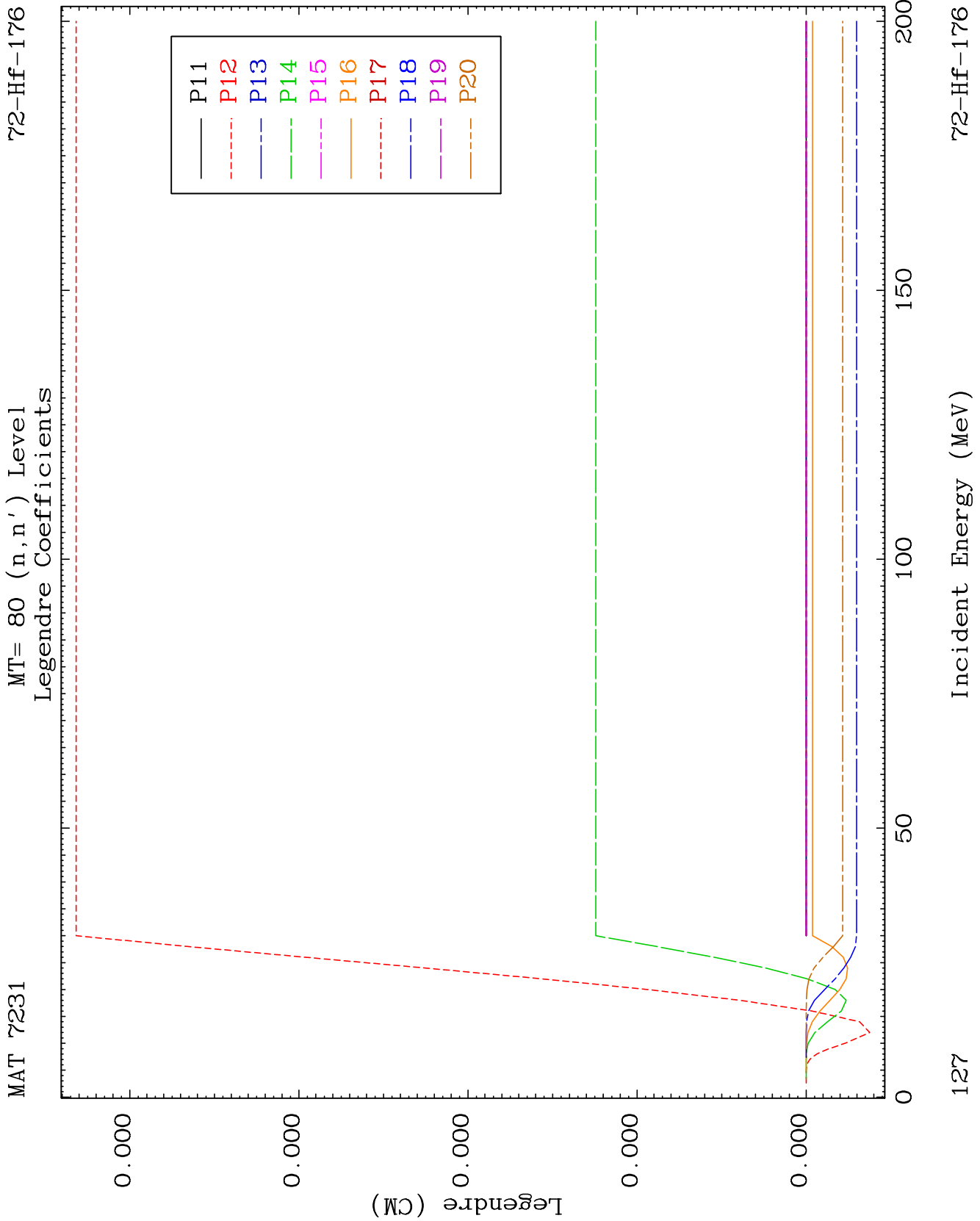
124

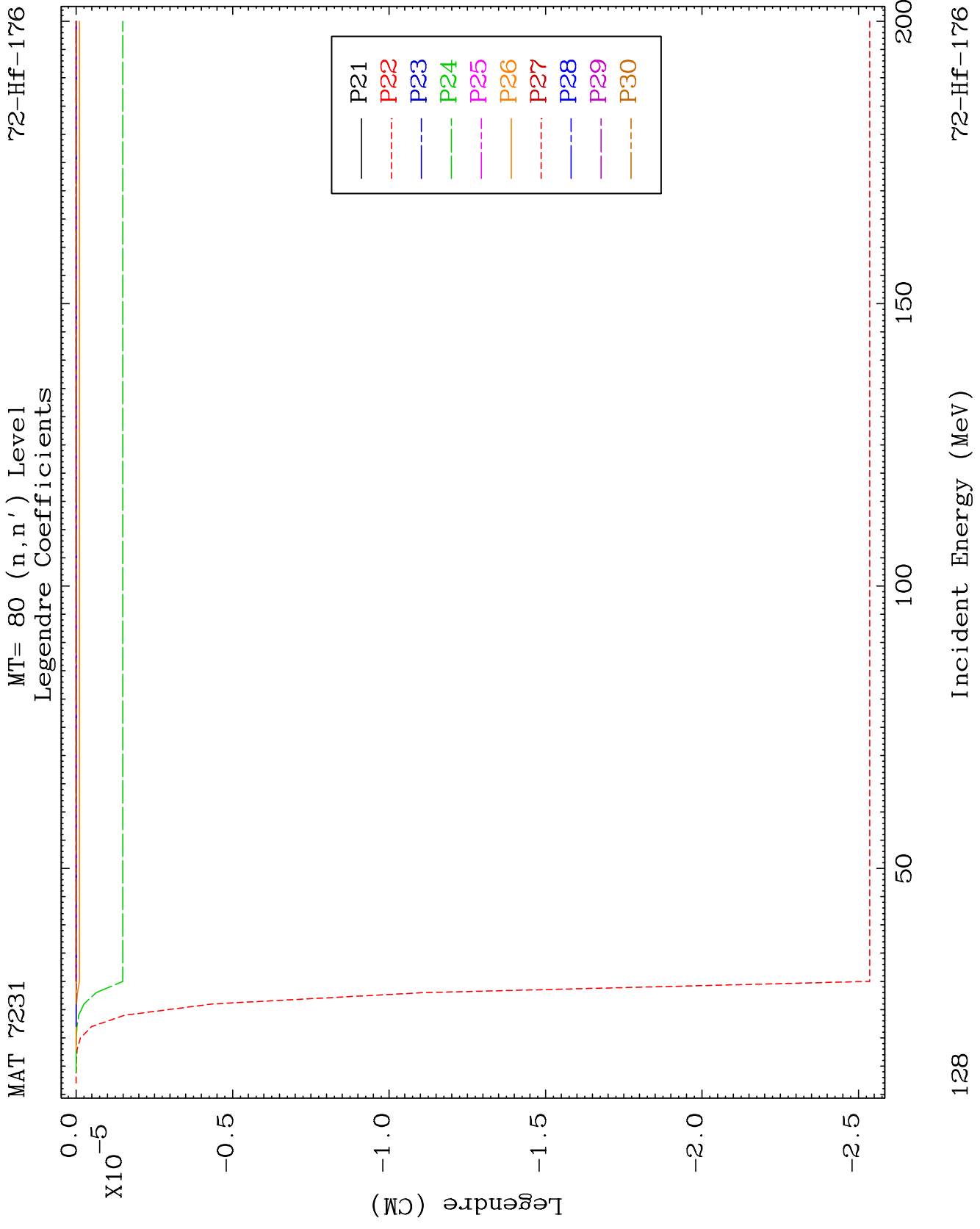
Incident Energy (MeV)

72-Hf-176

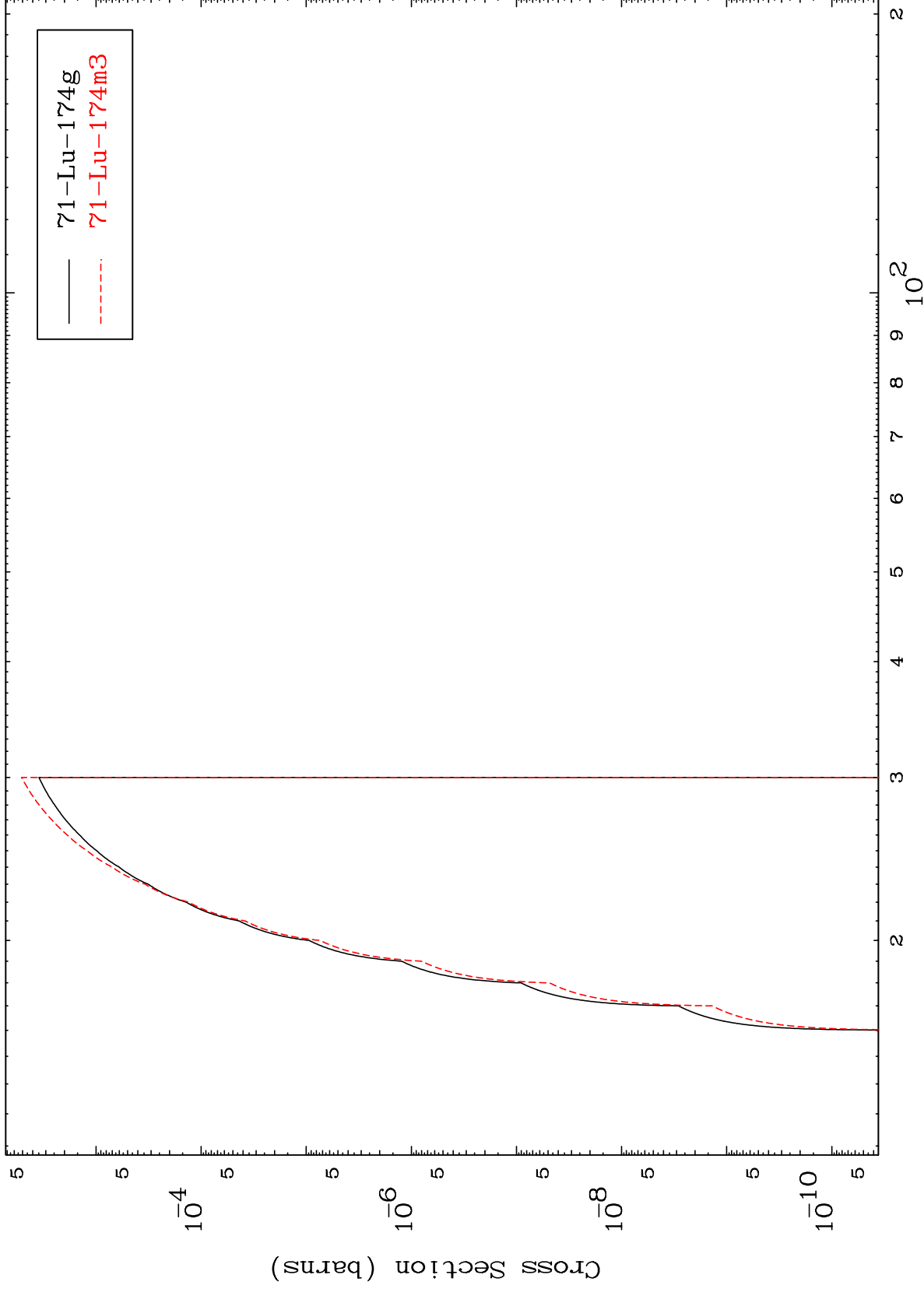








Radionuclide Production Cross Section

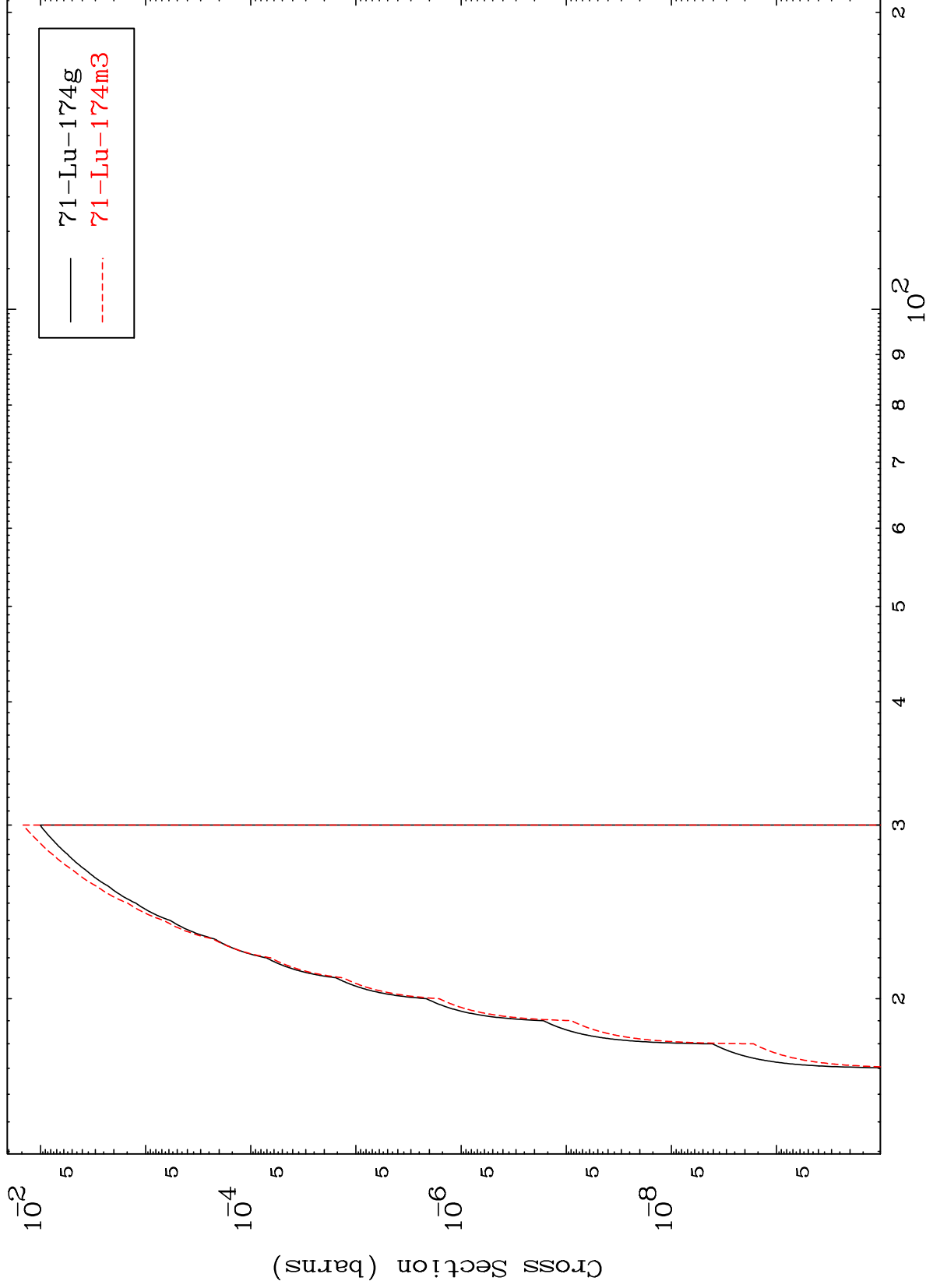


MAT 7231

(n,2n) p

72-Hf-176

Radionuclide Production Cross Section



130

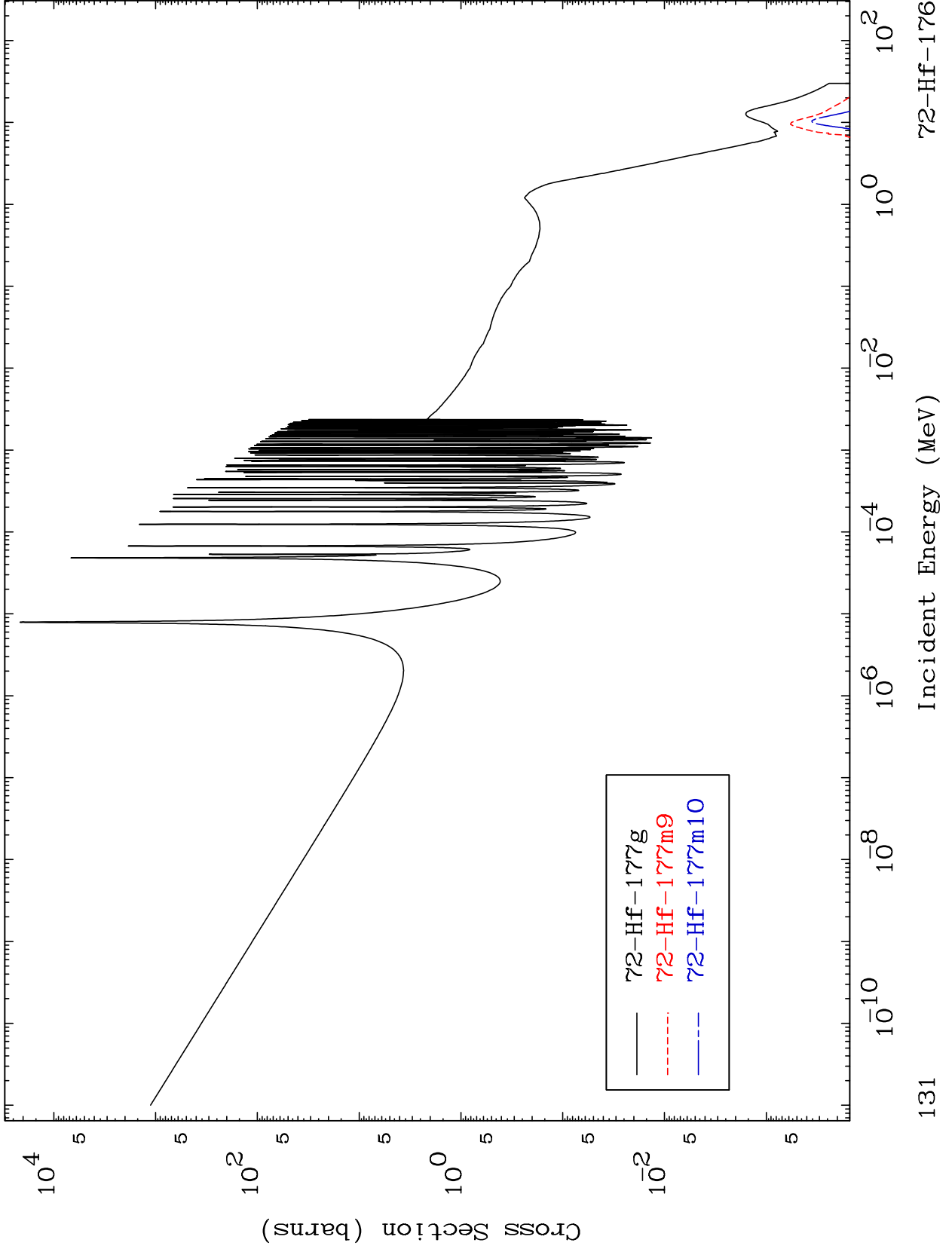
Incident Energy (MeV)

72-Hf-176

MAT 7231

72-Hf-176

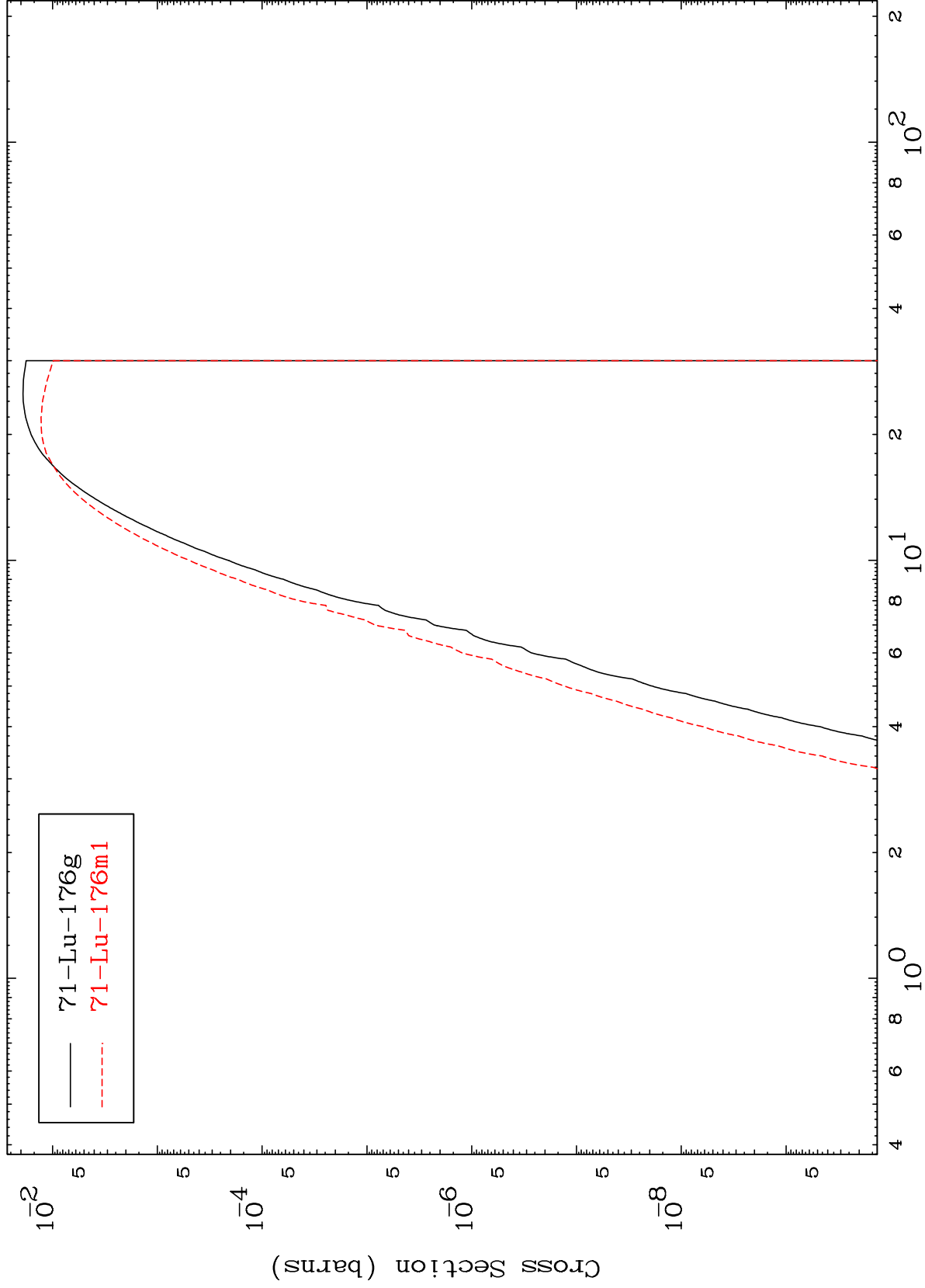
(n,γ)
Radionuclide Production Cross Section



MAT 7231

72-Hf-176

(n,p)
Radionuclide Production Cross Section



132

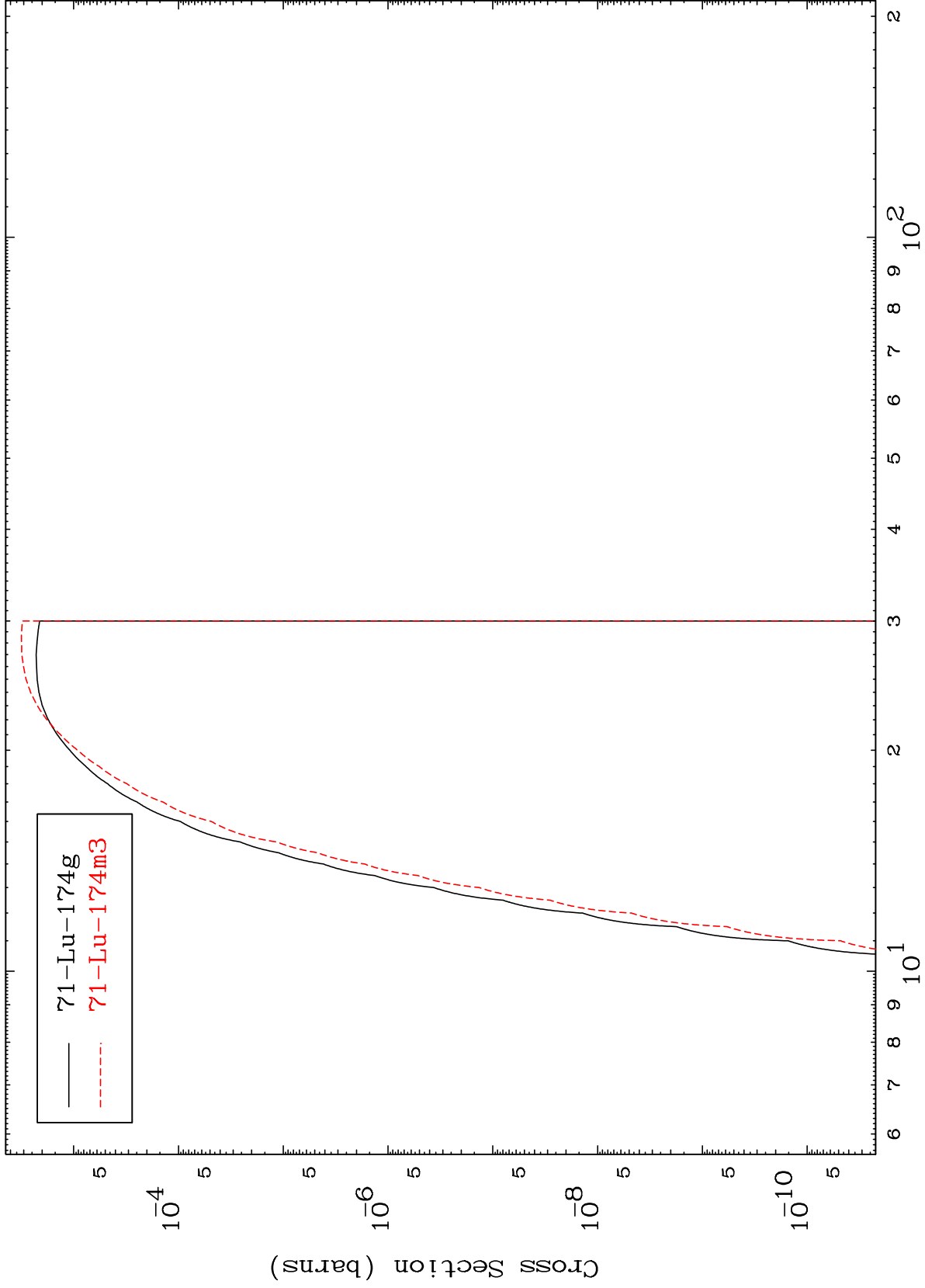
Incident Energy (MeV)

72-Hf-176

MAT 7231

72-Hf-176

(n, t)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

72-Hf-176