

Program EVALPLOT
(Version 2021-1)

by

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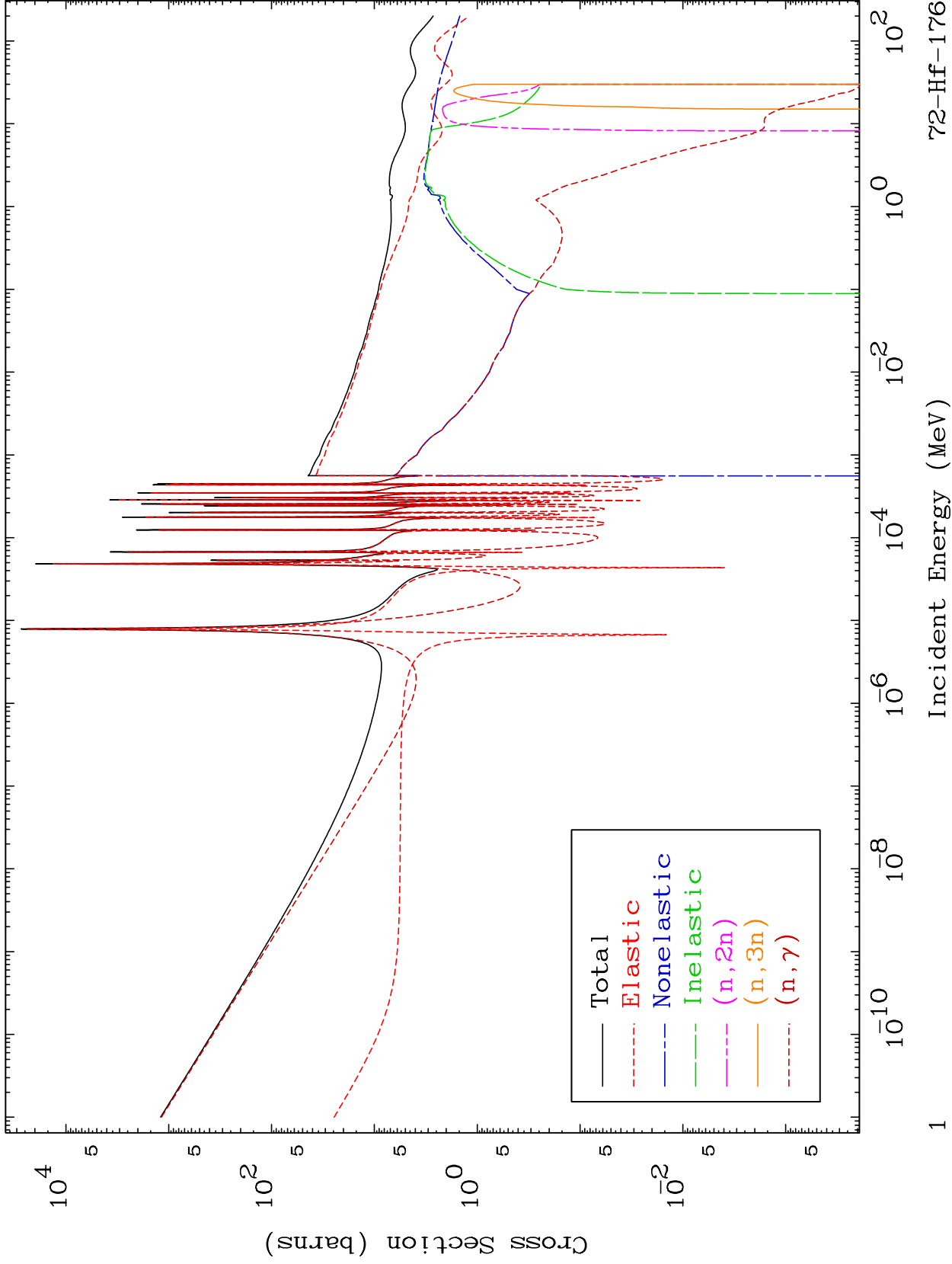
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7231

Neutron Major
293 Kelvin Cross Sections

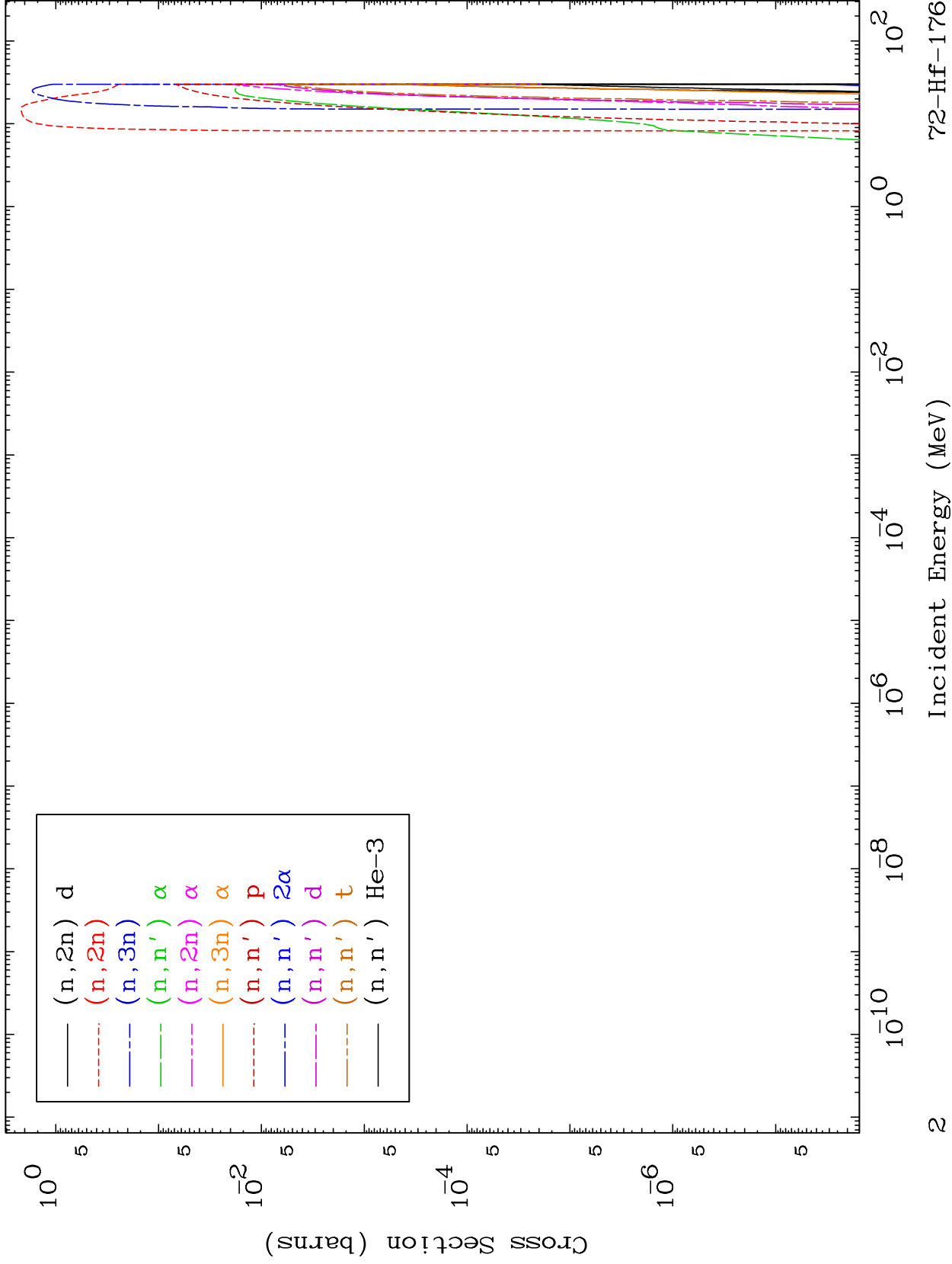
72-Hf-176



MAT 7231

Neutron Absorption
293 Kelvin Cross Sections

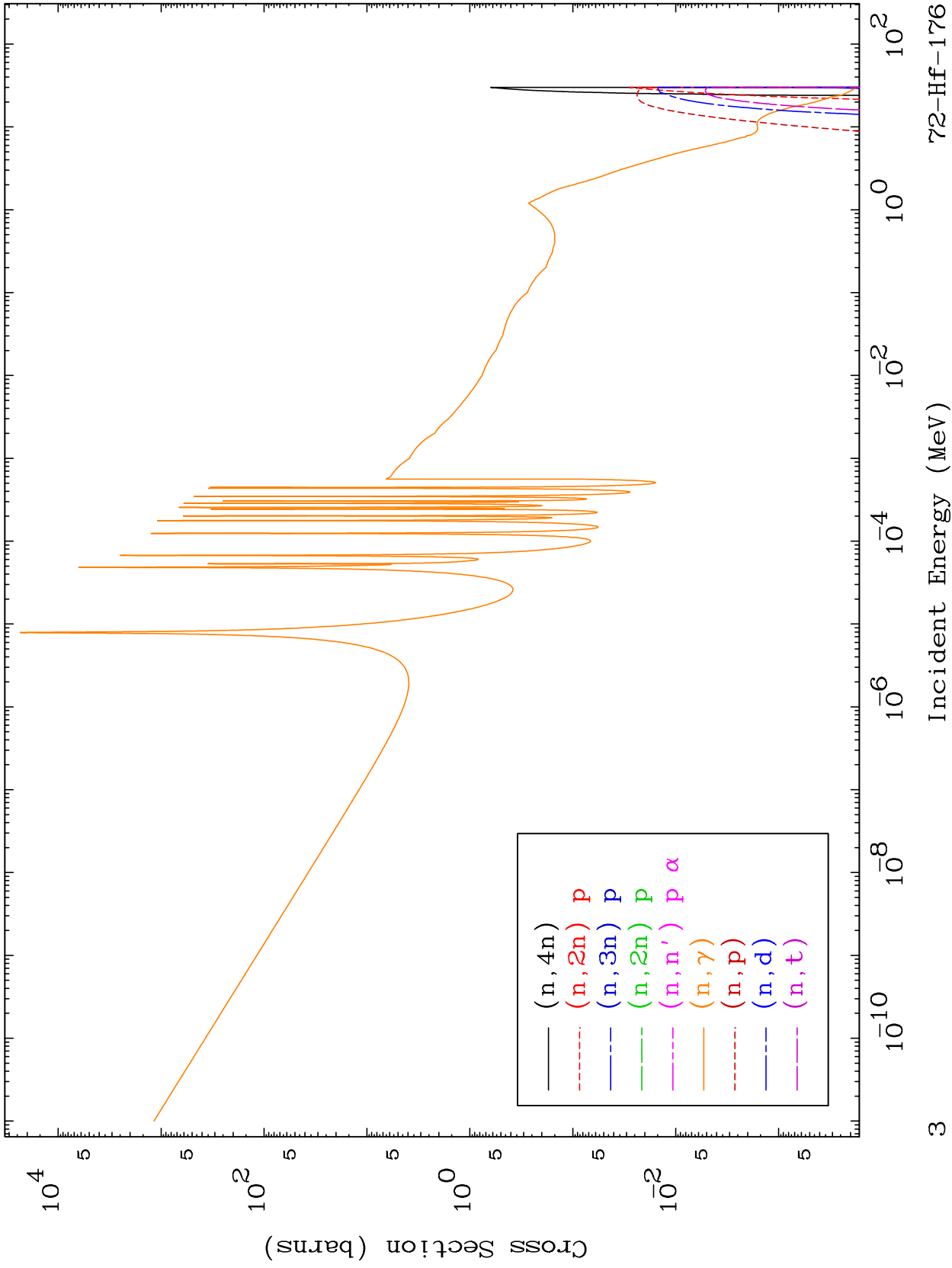
72-Hf-176



MAT 7231

Neutron Absorption
293 Kelvin Cross Sections

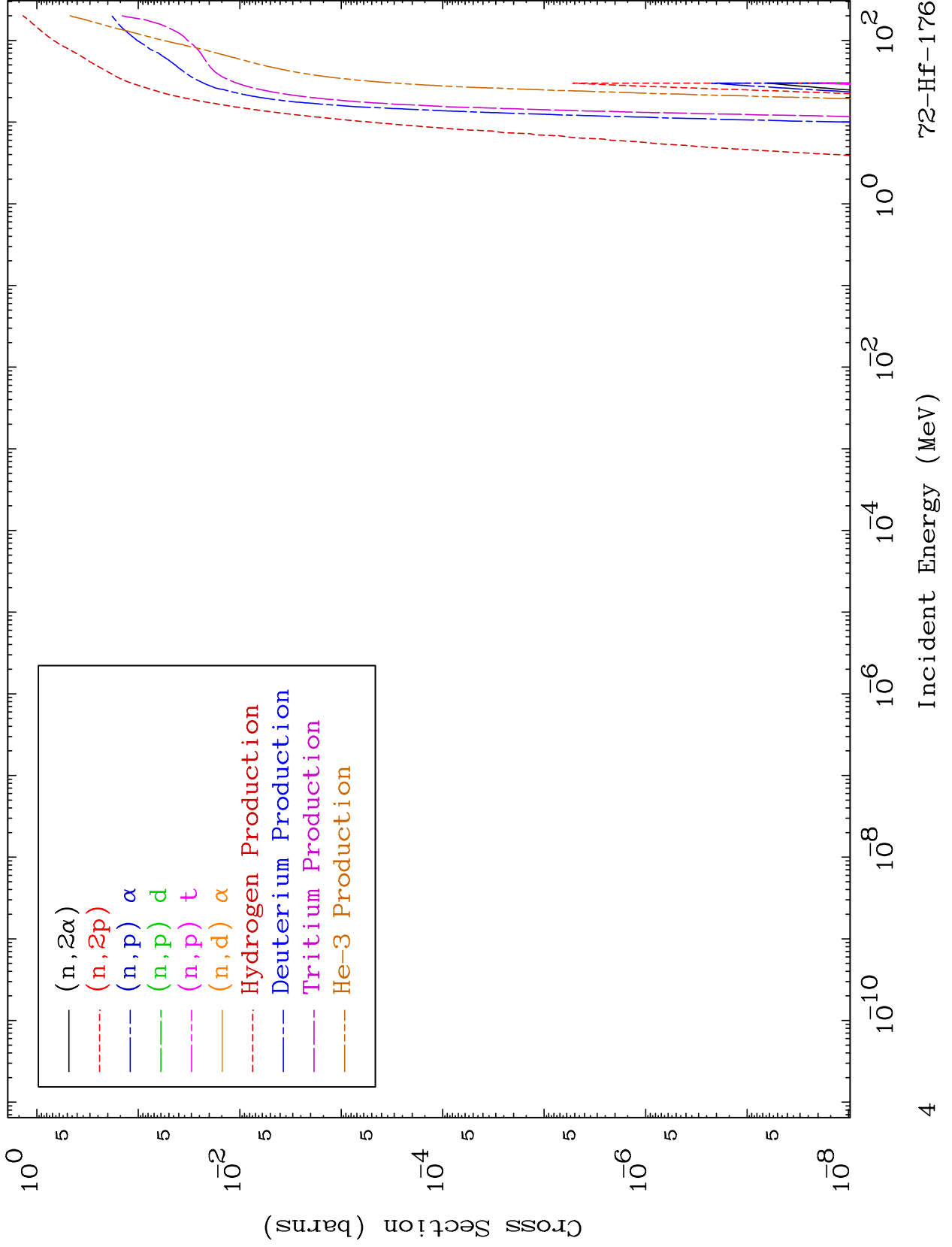
72-Hf-176



MAT 7231

Neutron Absorption
293 Kelvin Cross Sections

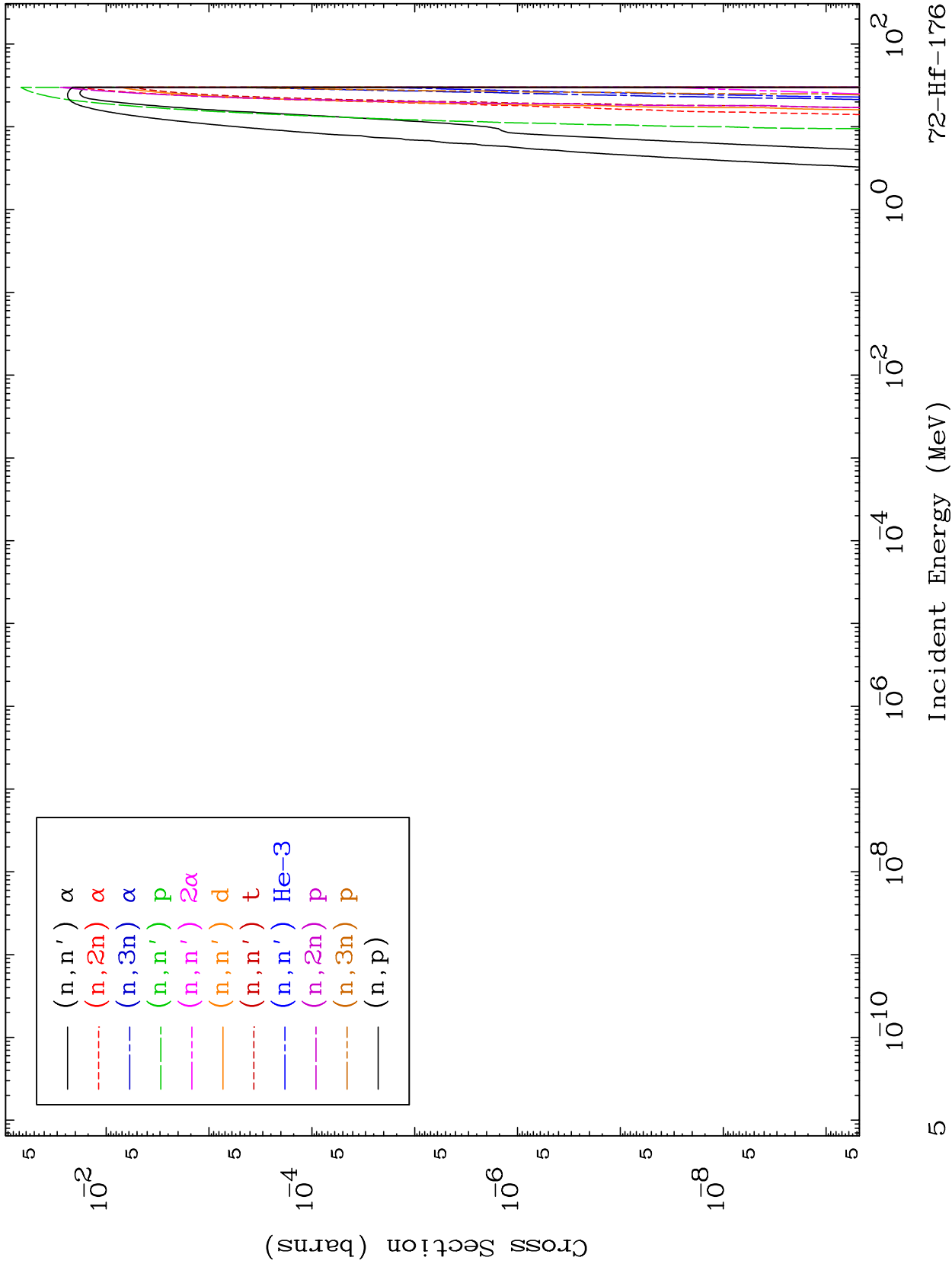
72-Hf-176



MAT 7231

Charged Particle
293 Kelvin Cross Sections

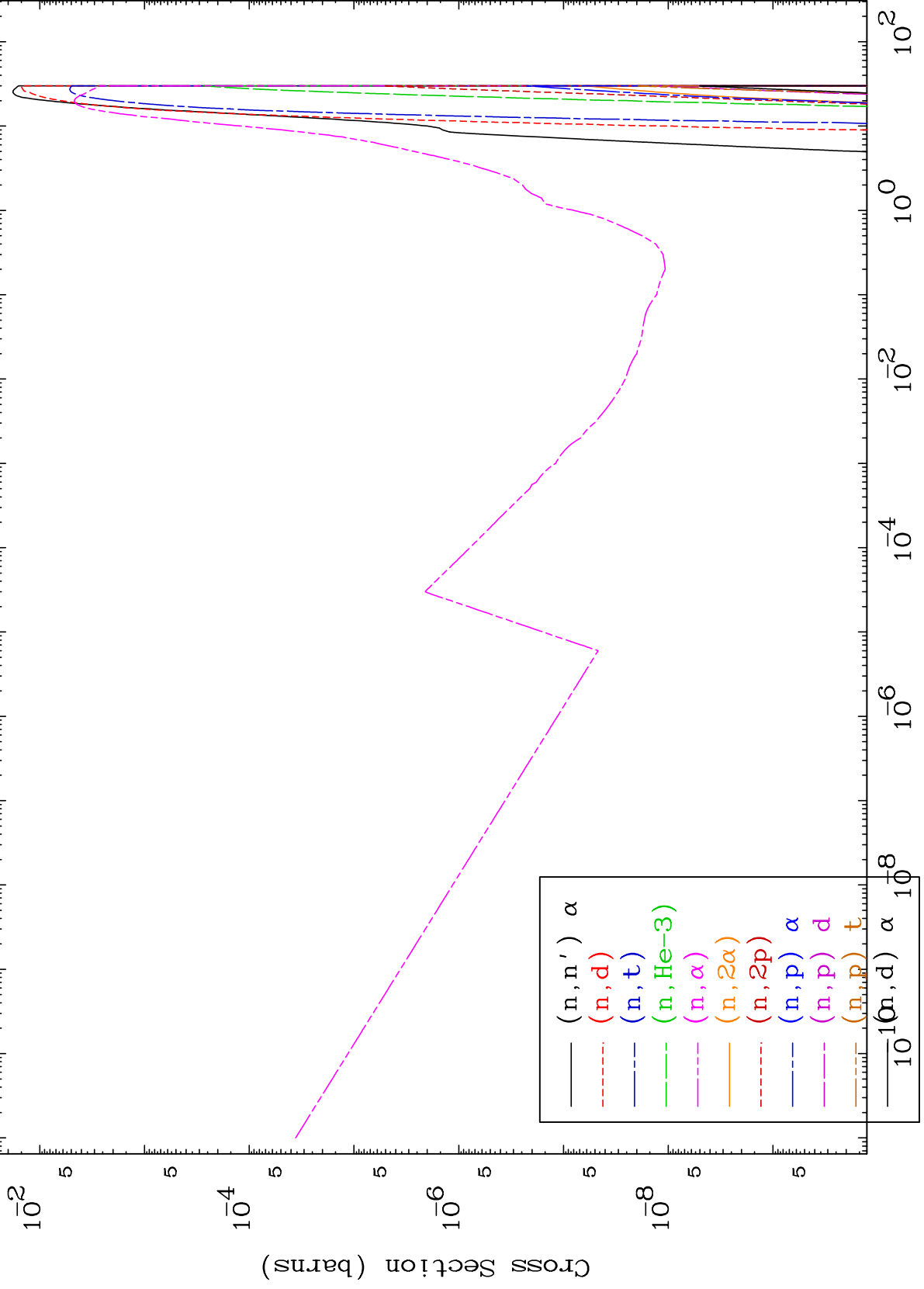
72-Hf-176



MAT 7231

Charged Particle
293 Kelvin Cross Sections

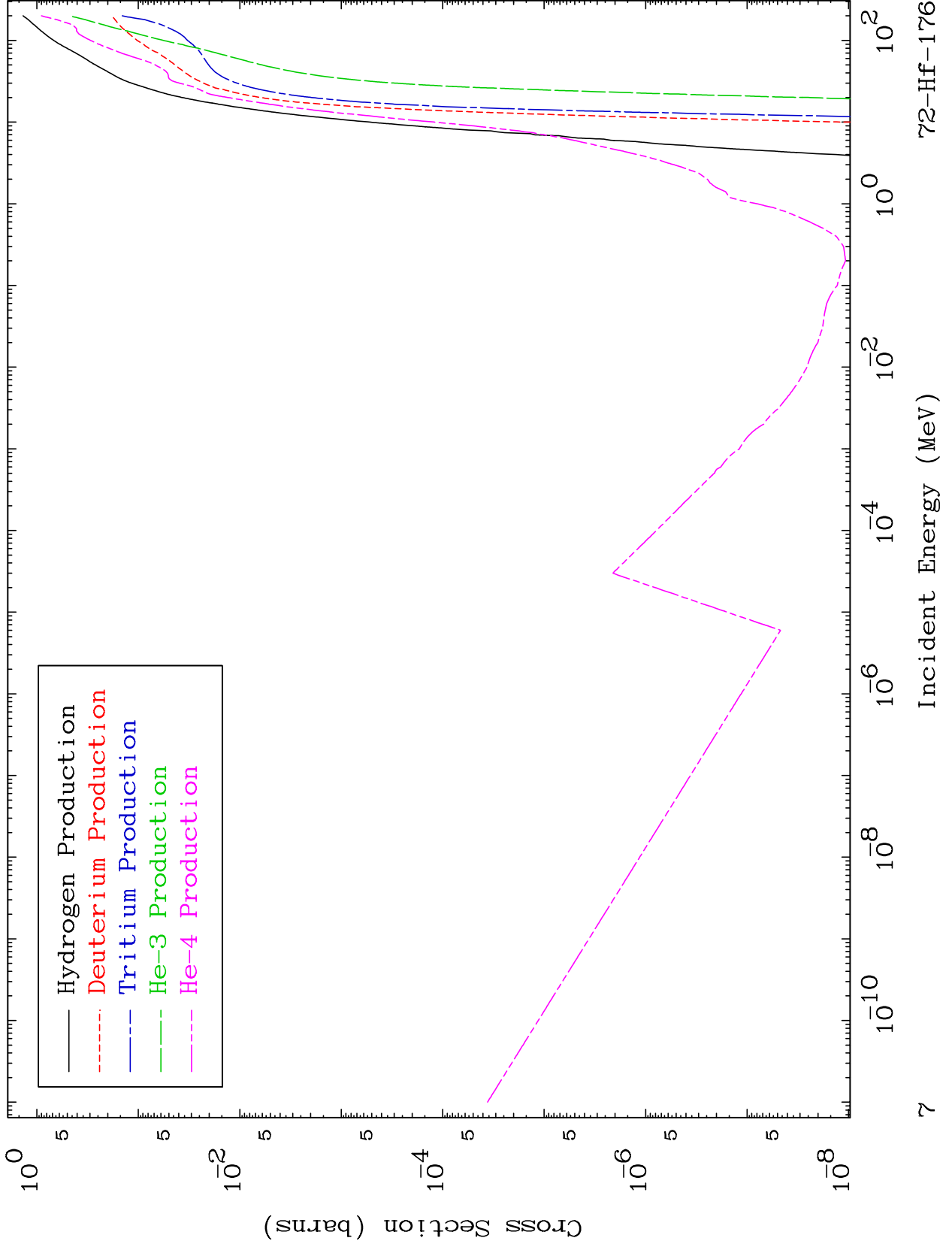
72-Hf-176



MAT 7231

Particle Production
293 Kelvin Cross Sections

72-Hf-176

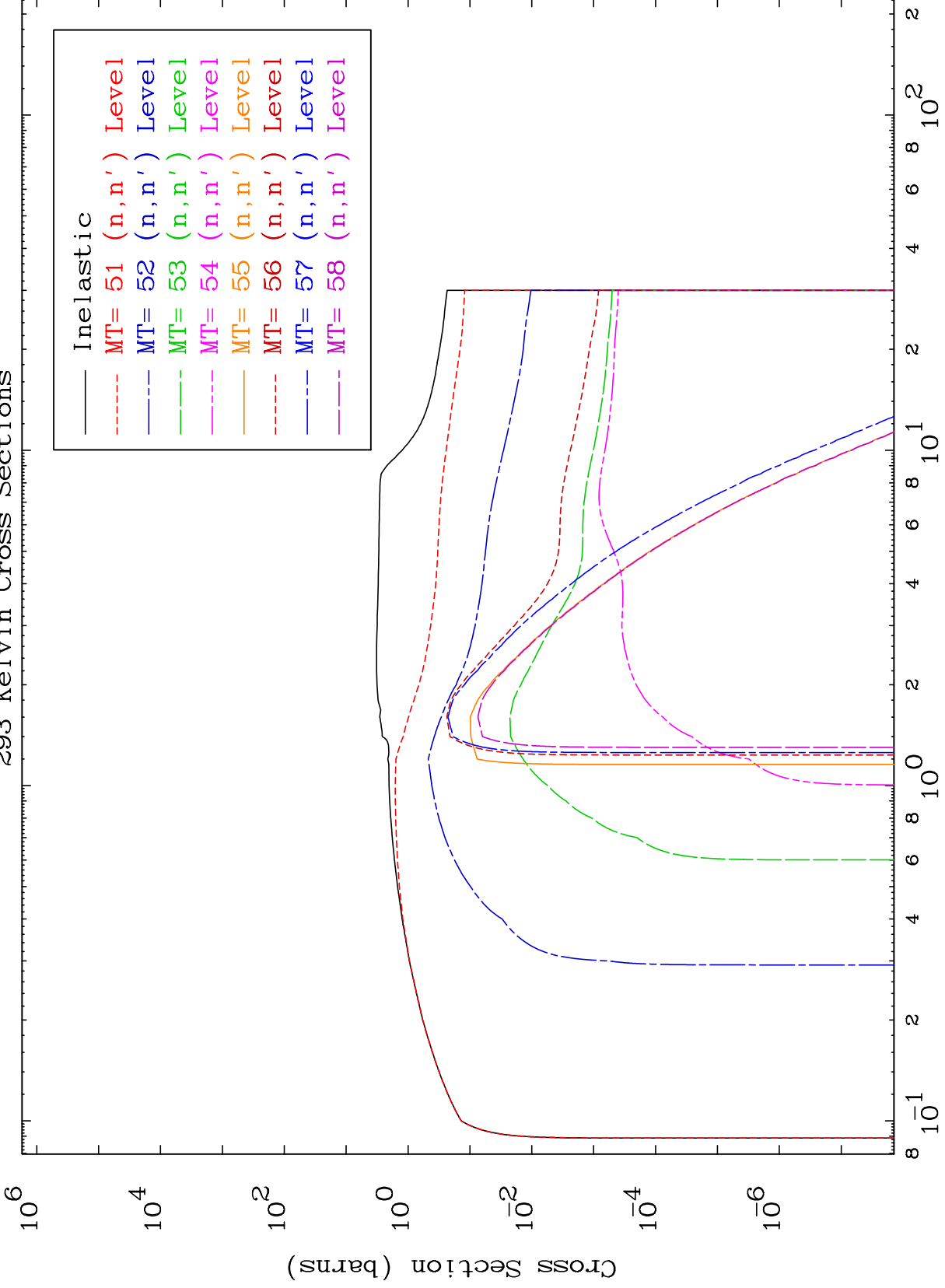


MAT 7231

(n,n') Levels

72-Hf-176

293 Kelvin Cross Sections



Incident Energy (MeV)

72-Hf-176

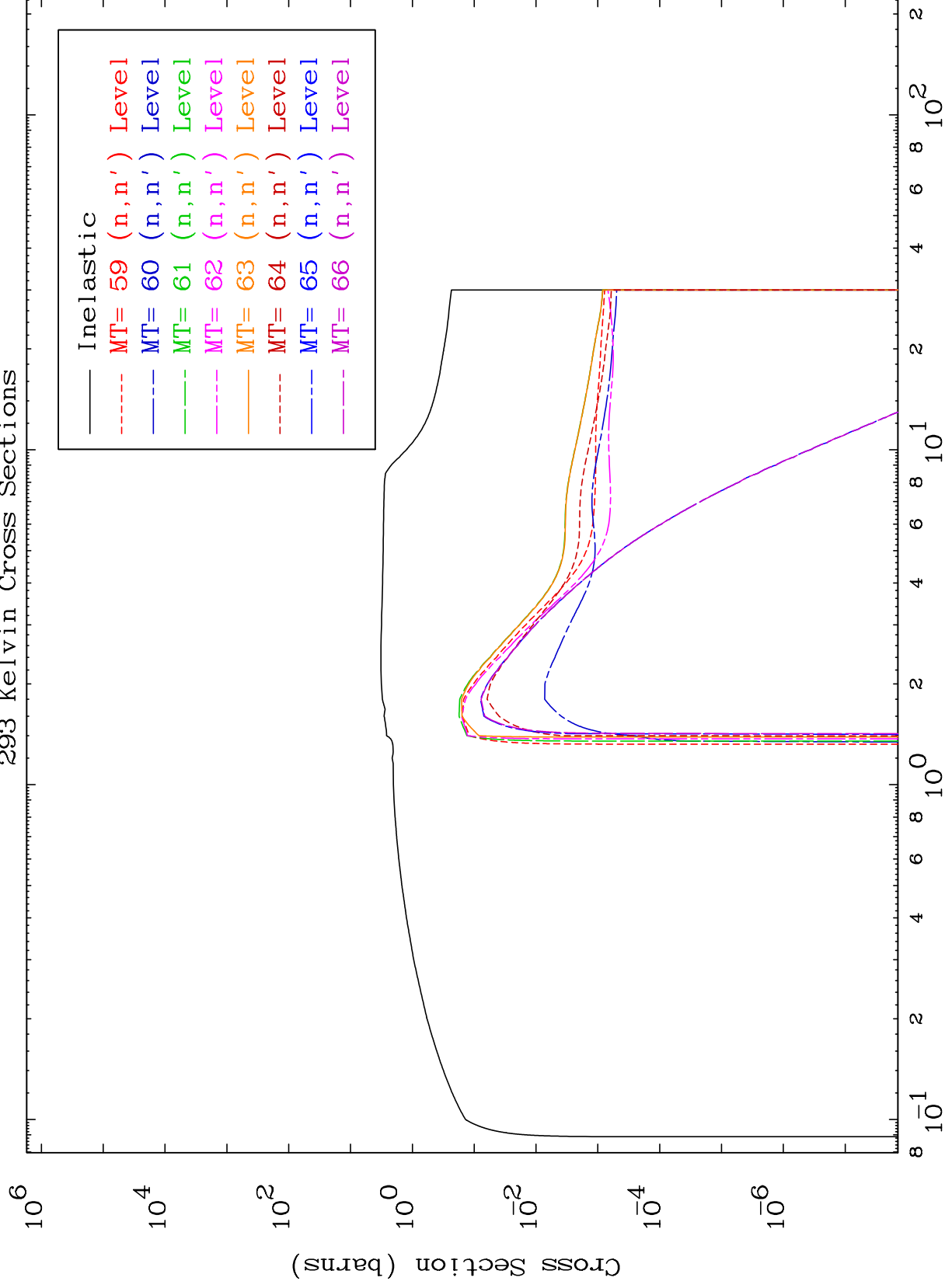
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MAT 7231

(n,n') Levels

293 Kelvin Cross Sections

72-Hf-176



Incident Energy (MeV)

72-Hf-176

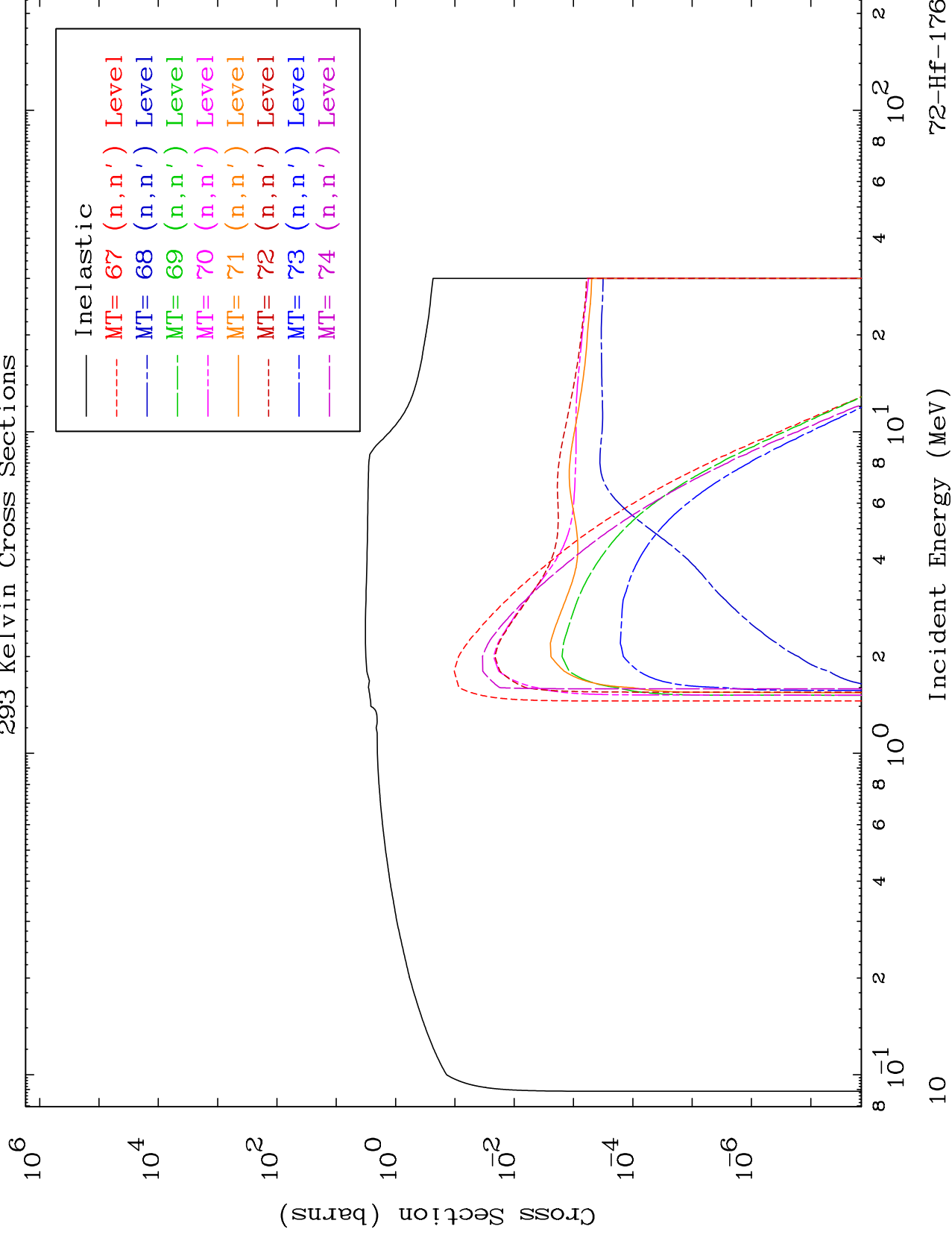
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MAT 7231

(n,n') Levels

72-Hf-176

293 Kelvin Cross Sections



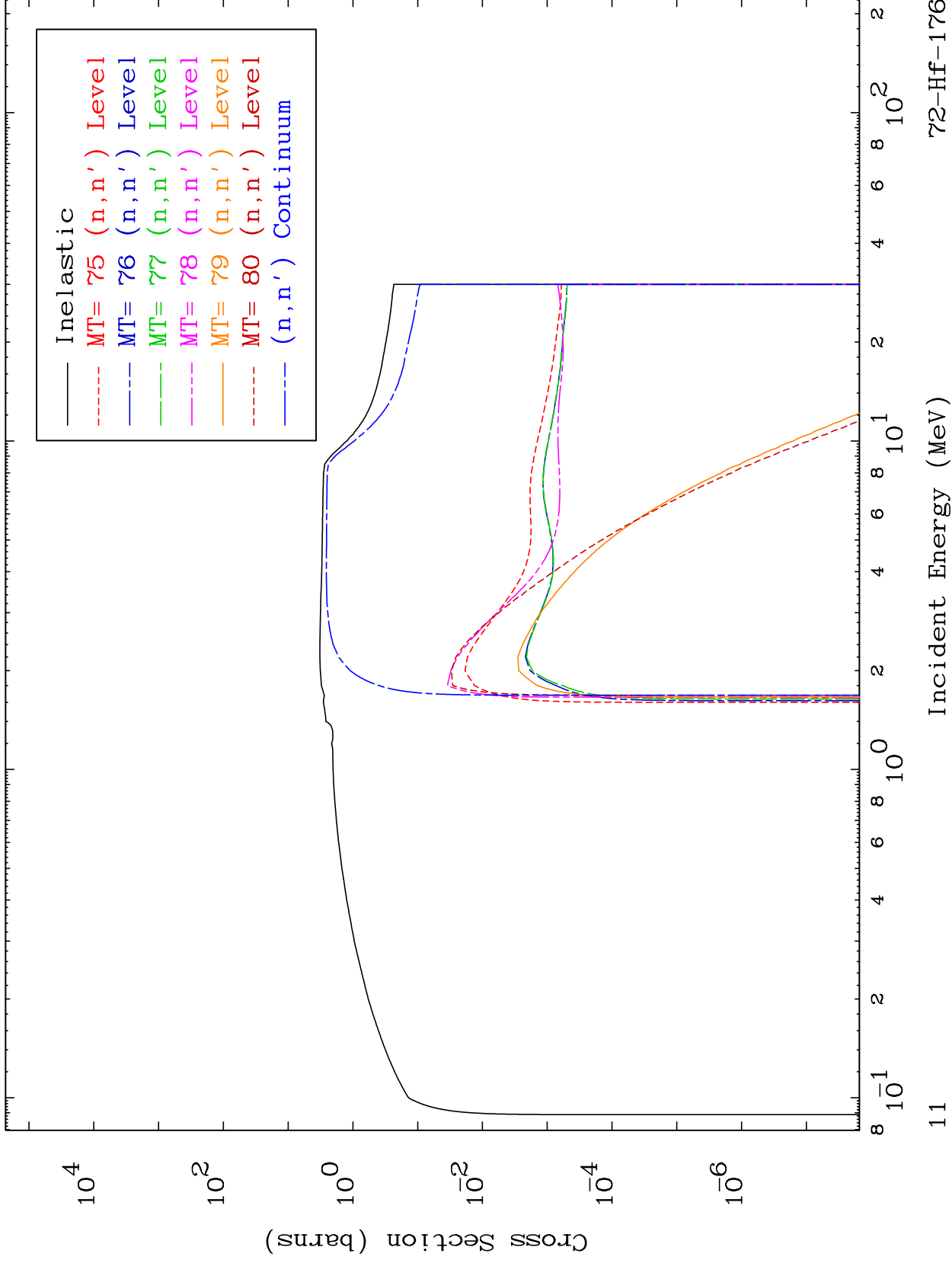
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,n') Levels
293 Kelvin Cross Sections

72-Hf-176



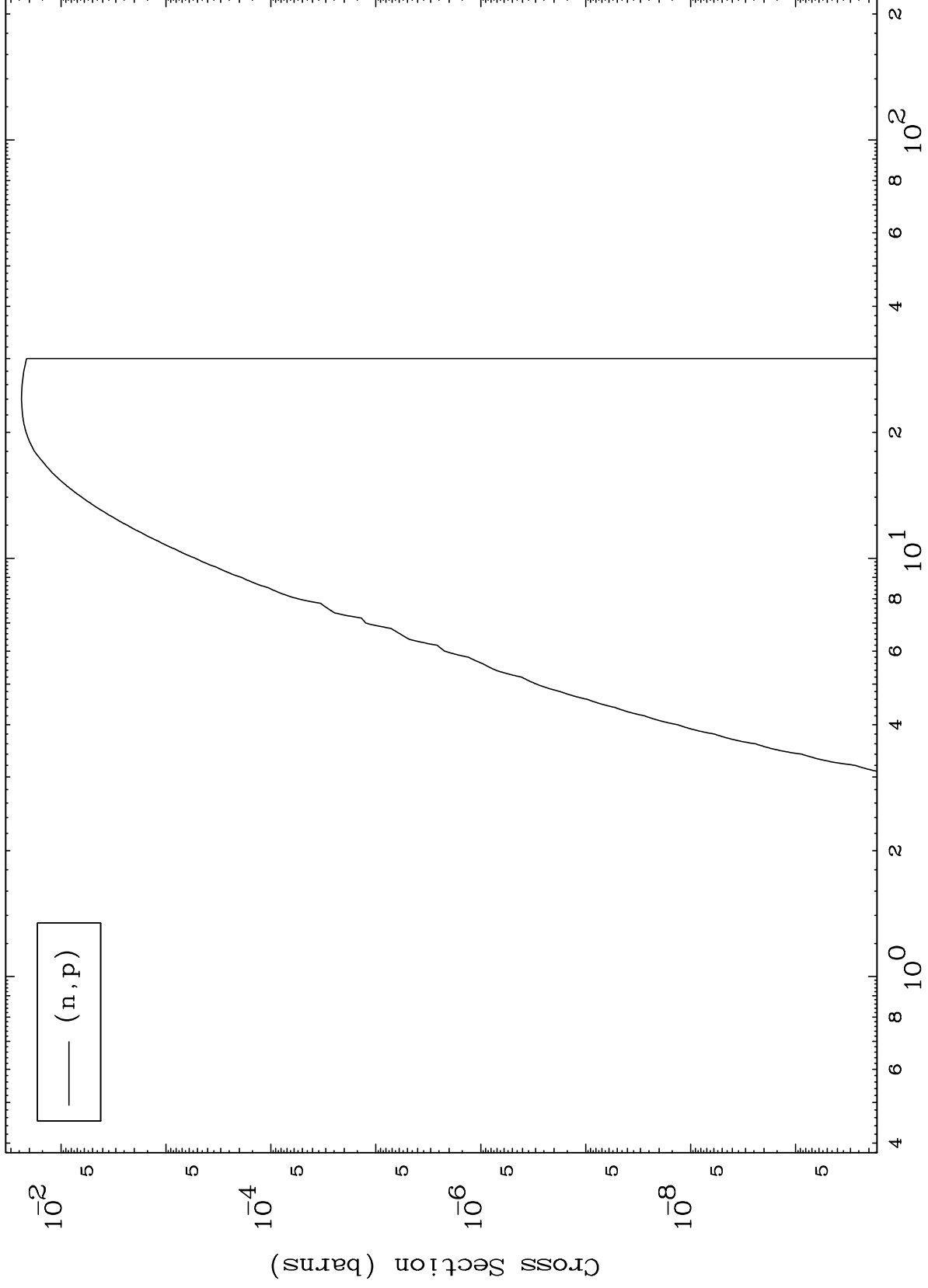
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72-Hf-176

MAT 7231

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-176



12

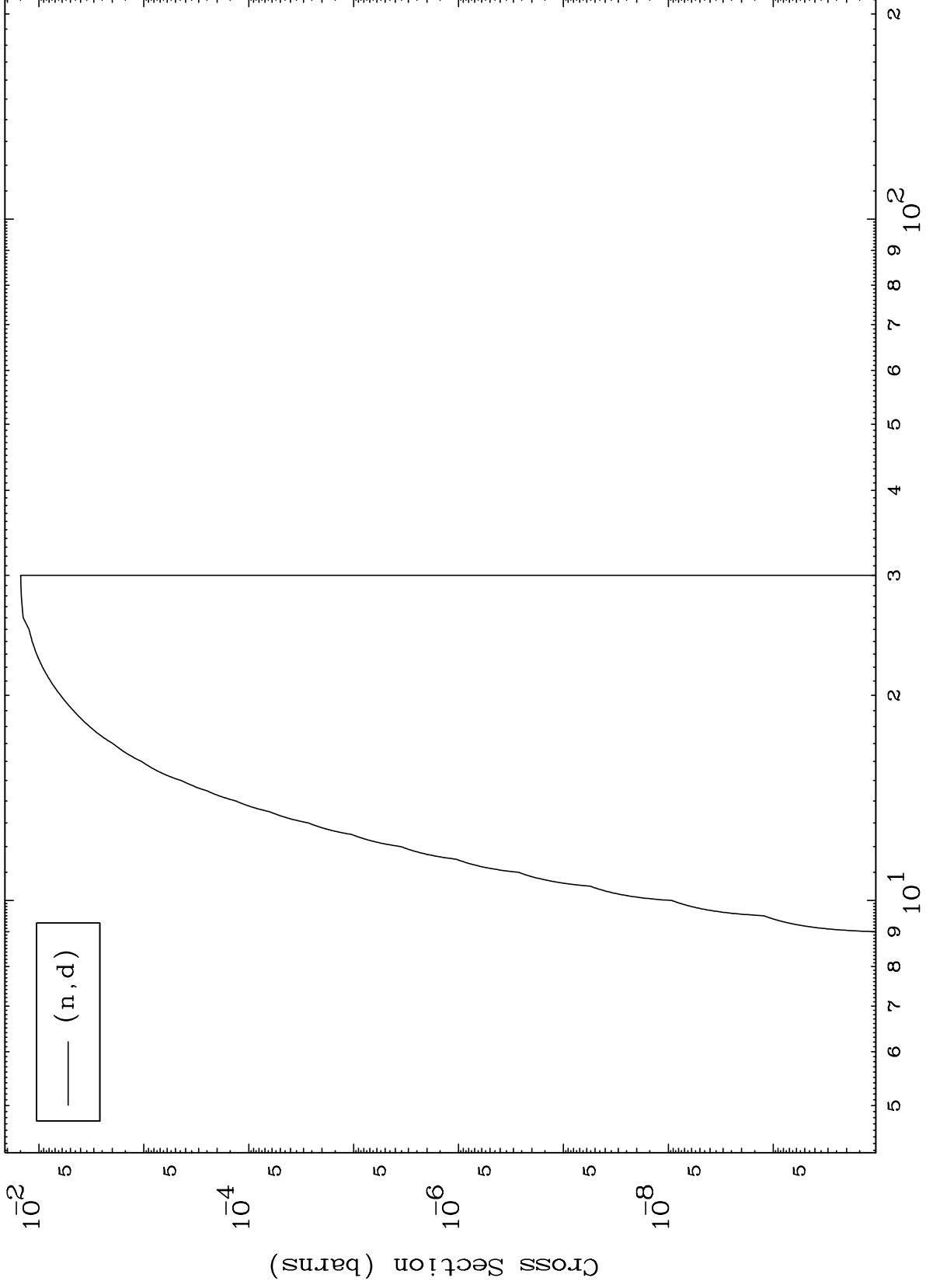
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-176



13

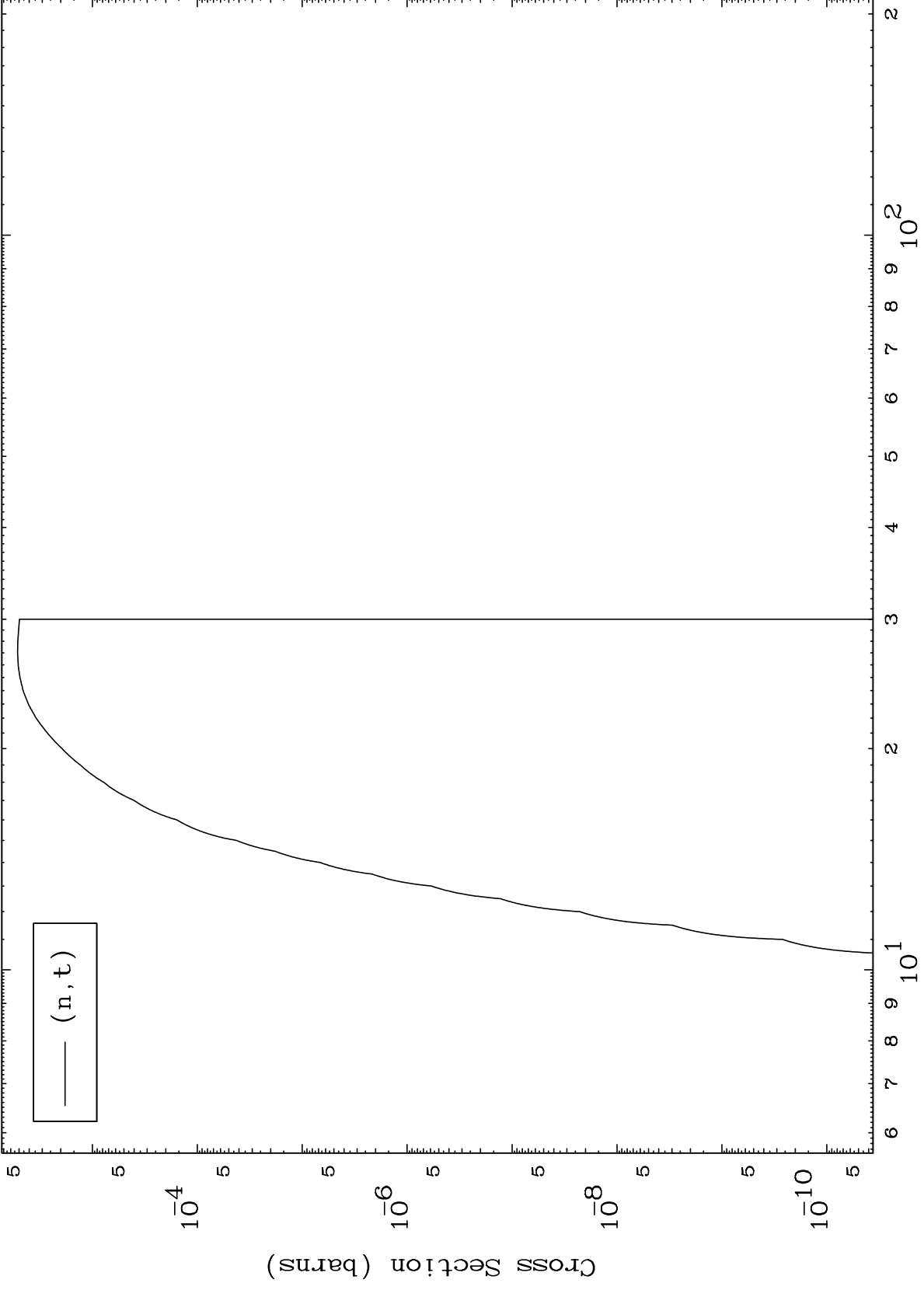
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-176



14

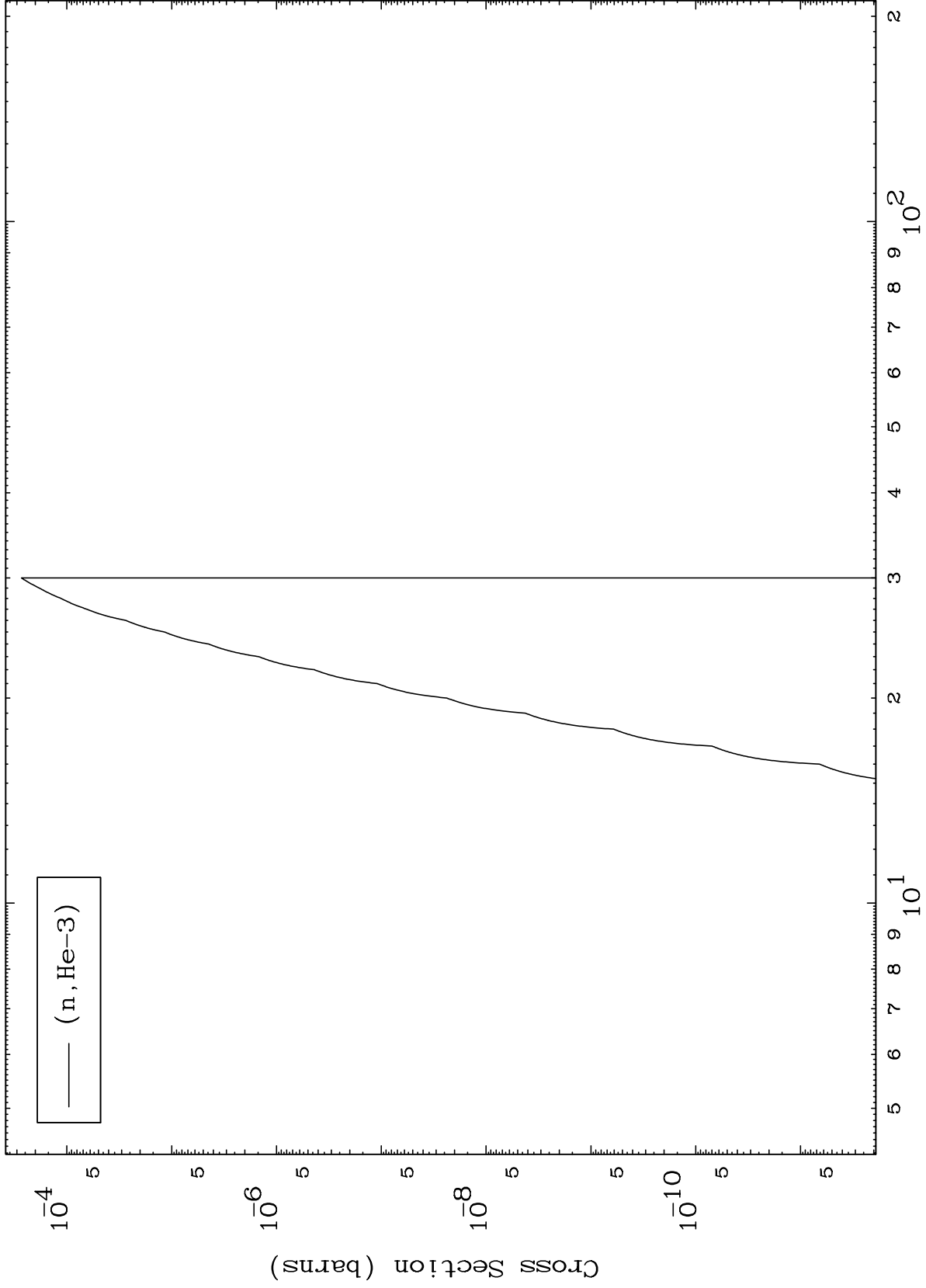
Incident Energy (MeV)

72-Hf-176

MAT 7231

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-176



15

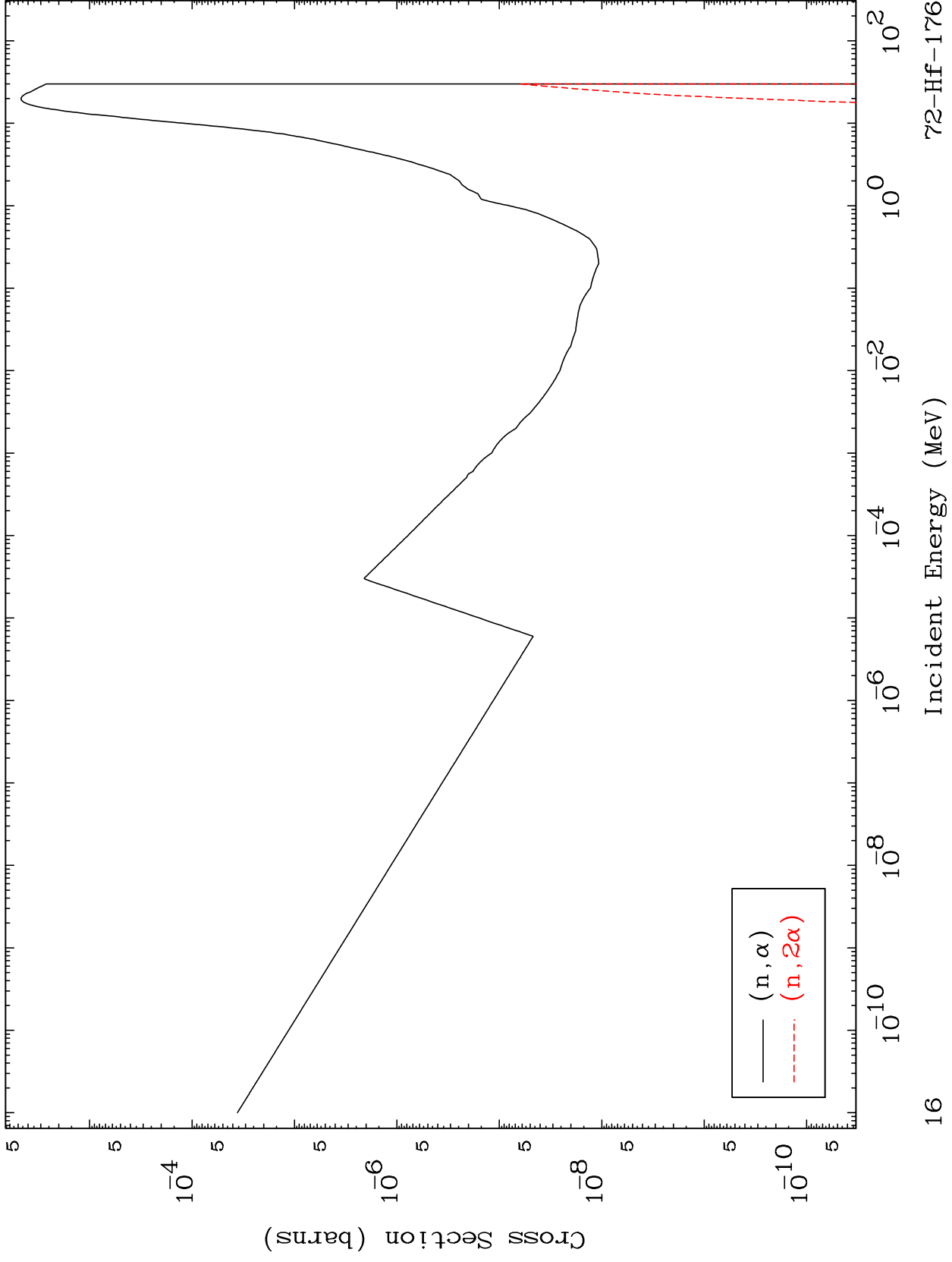
Incident Energy (MeV)

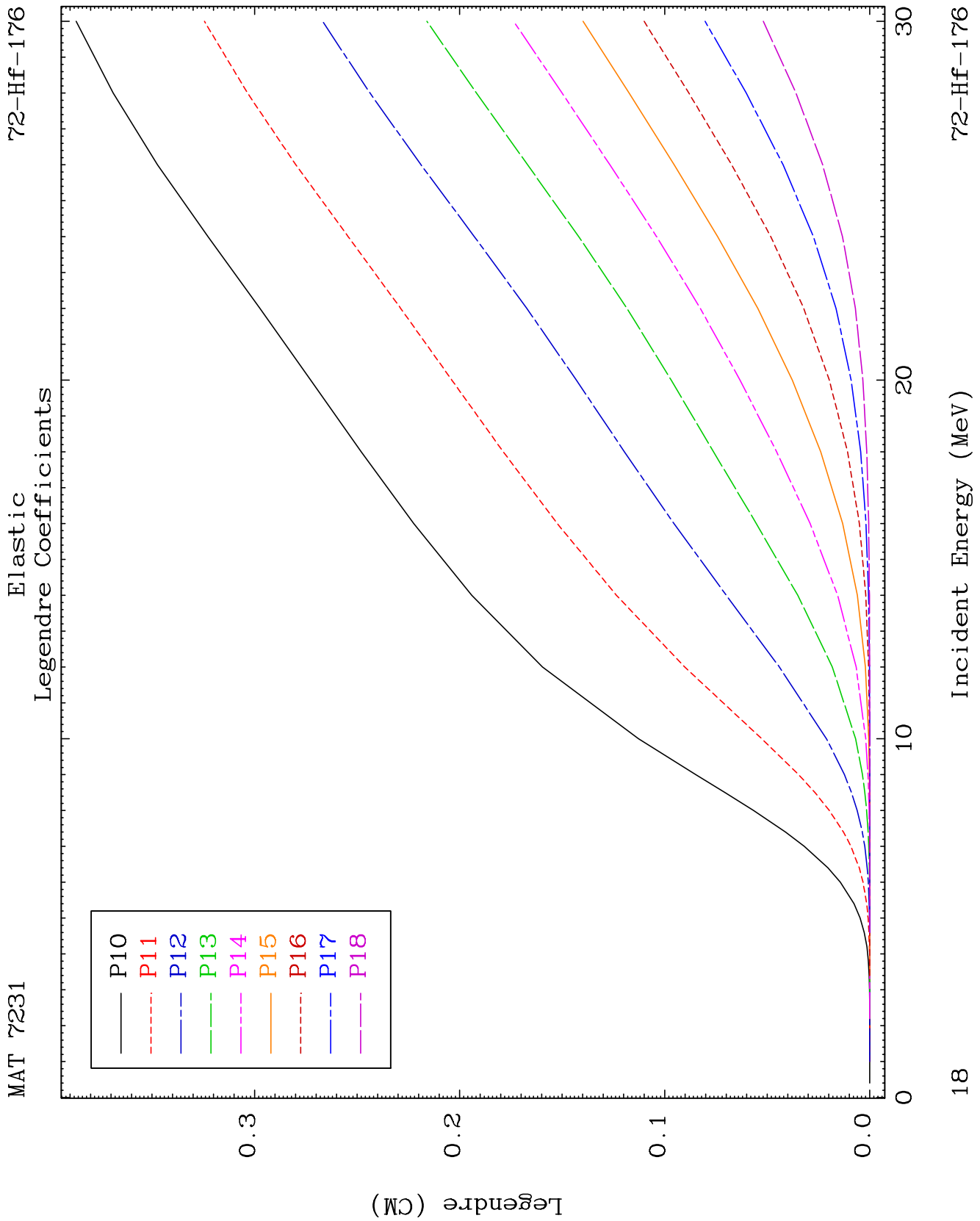
72-Hf-176

MAT 7231

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-176

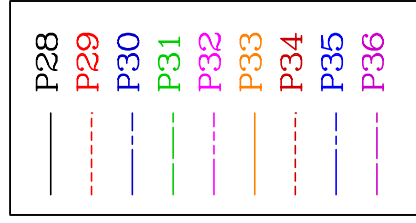




MAT 7231

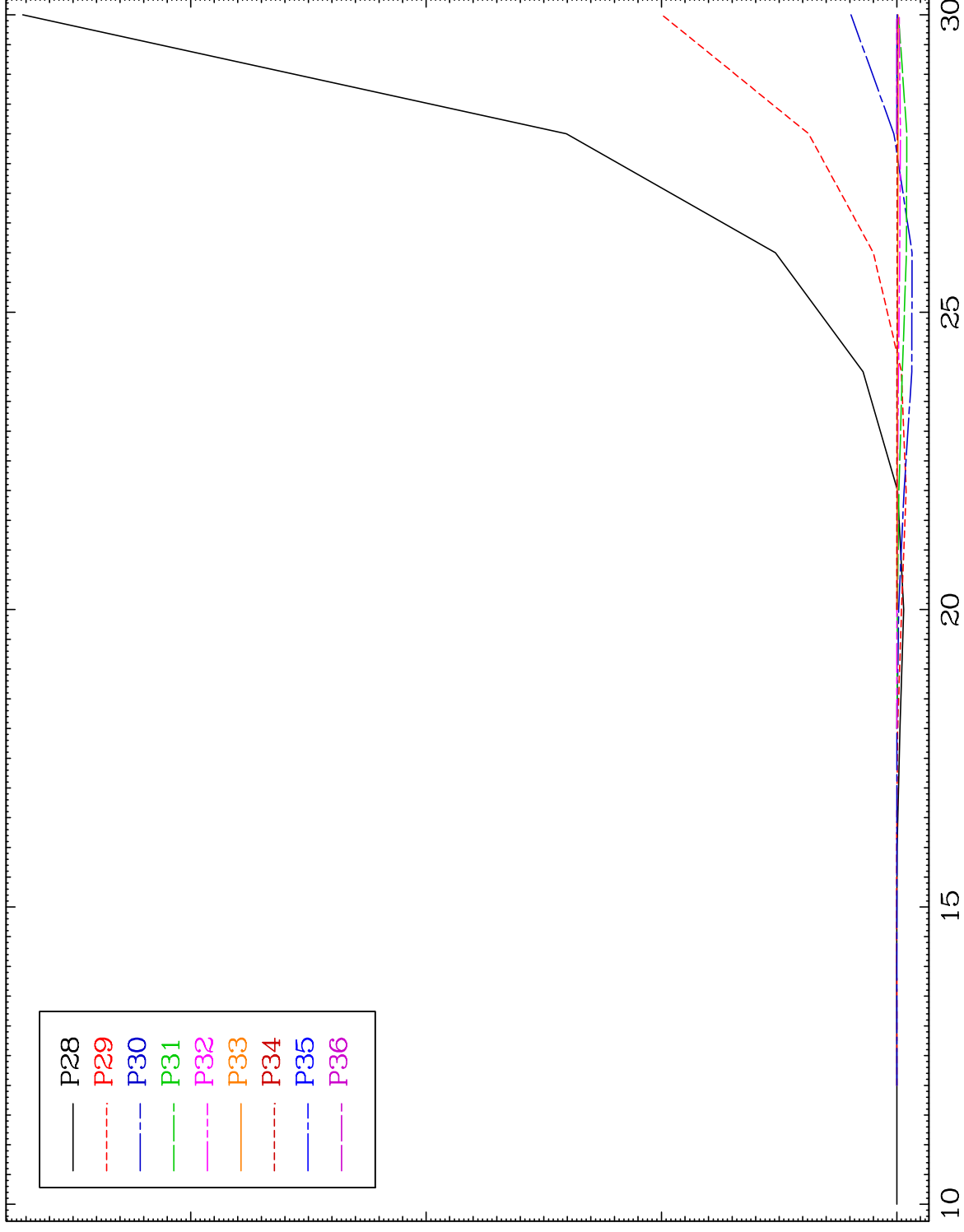
Elastic Legendre Coefficients

72-Hf-176



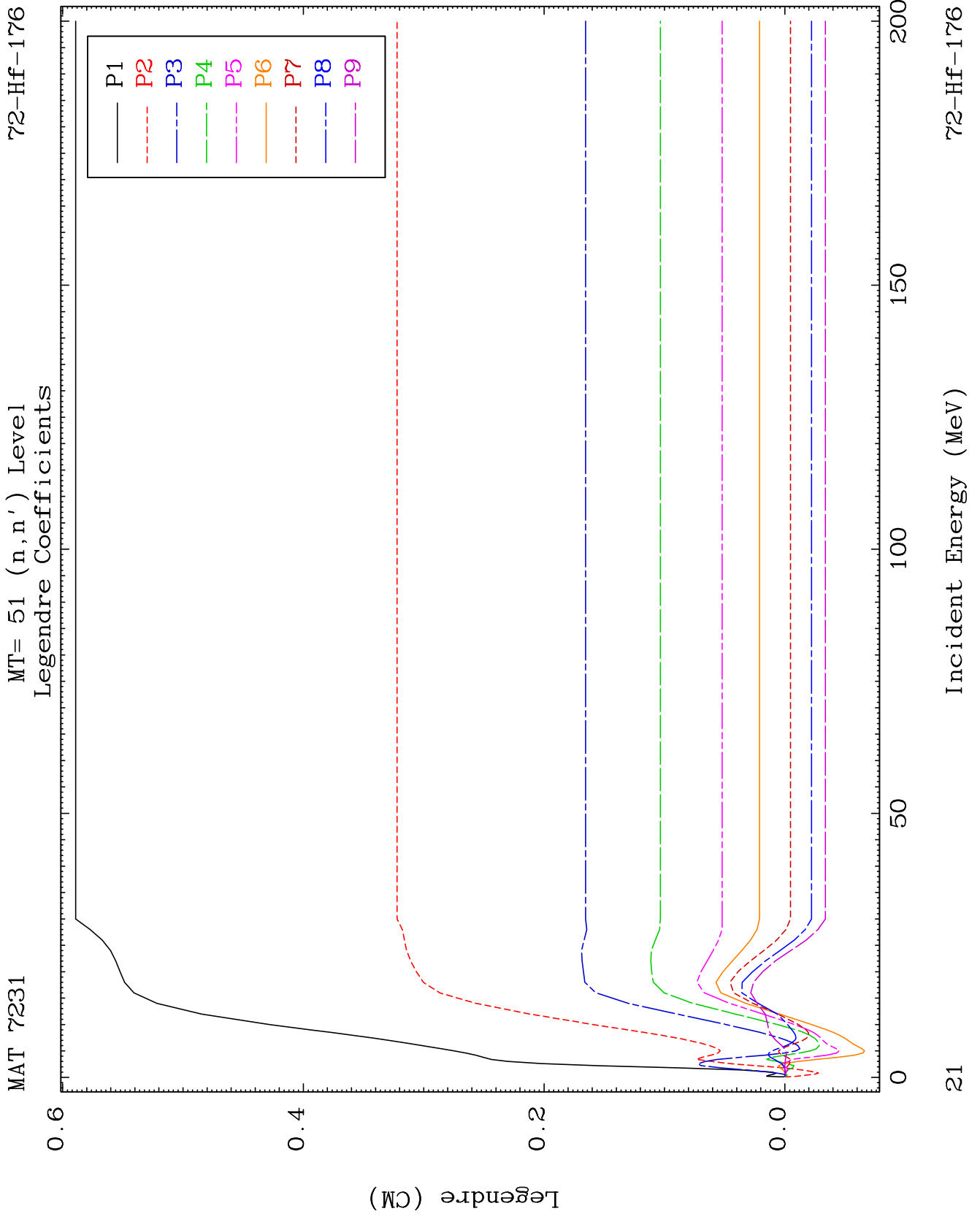
$\times 10^{-6}$

Legendre (CM)



Incident Energy (MeV)

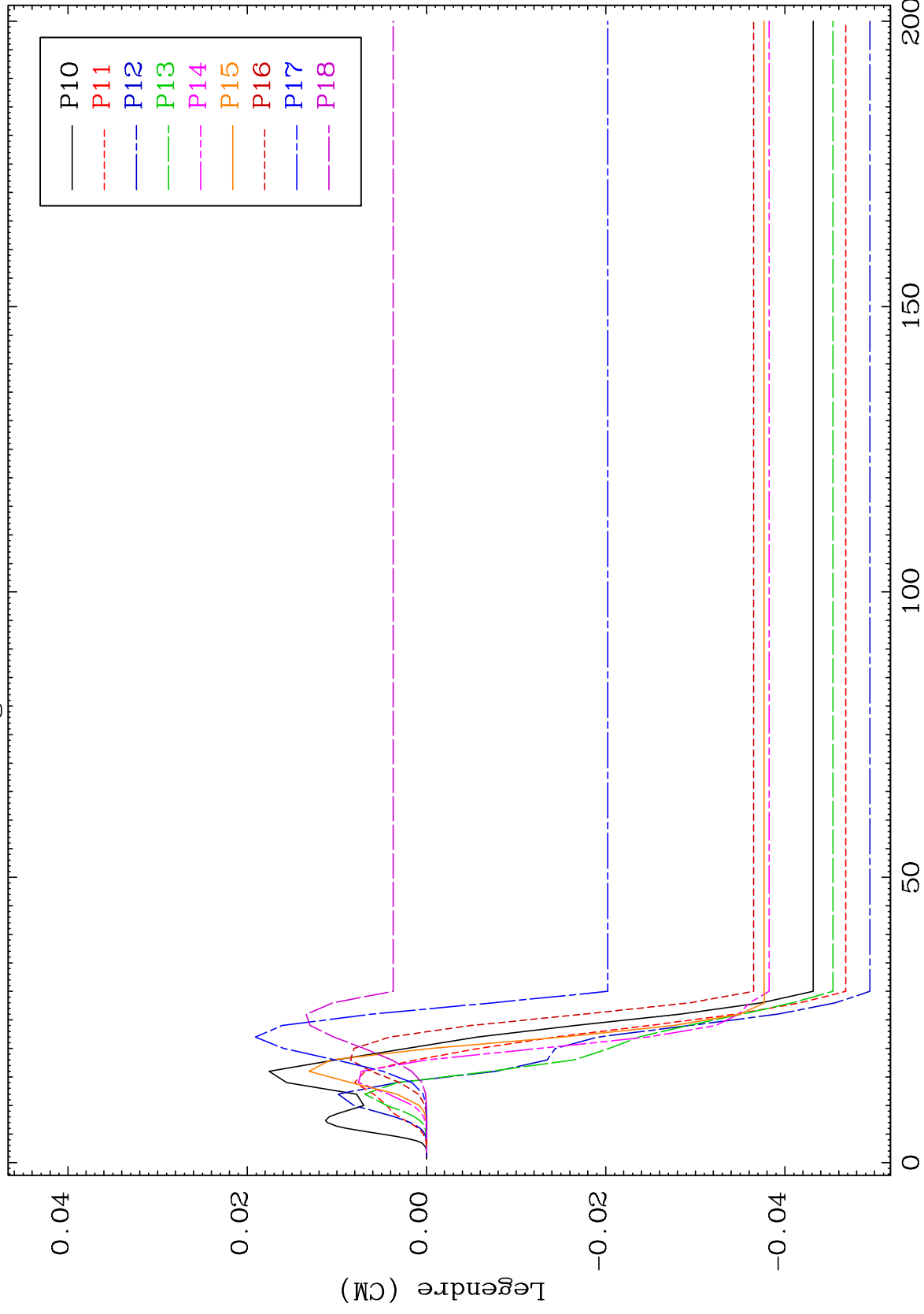
72-Hf-176



MAT 7231

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

72-Hf-176



22

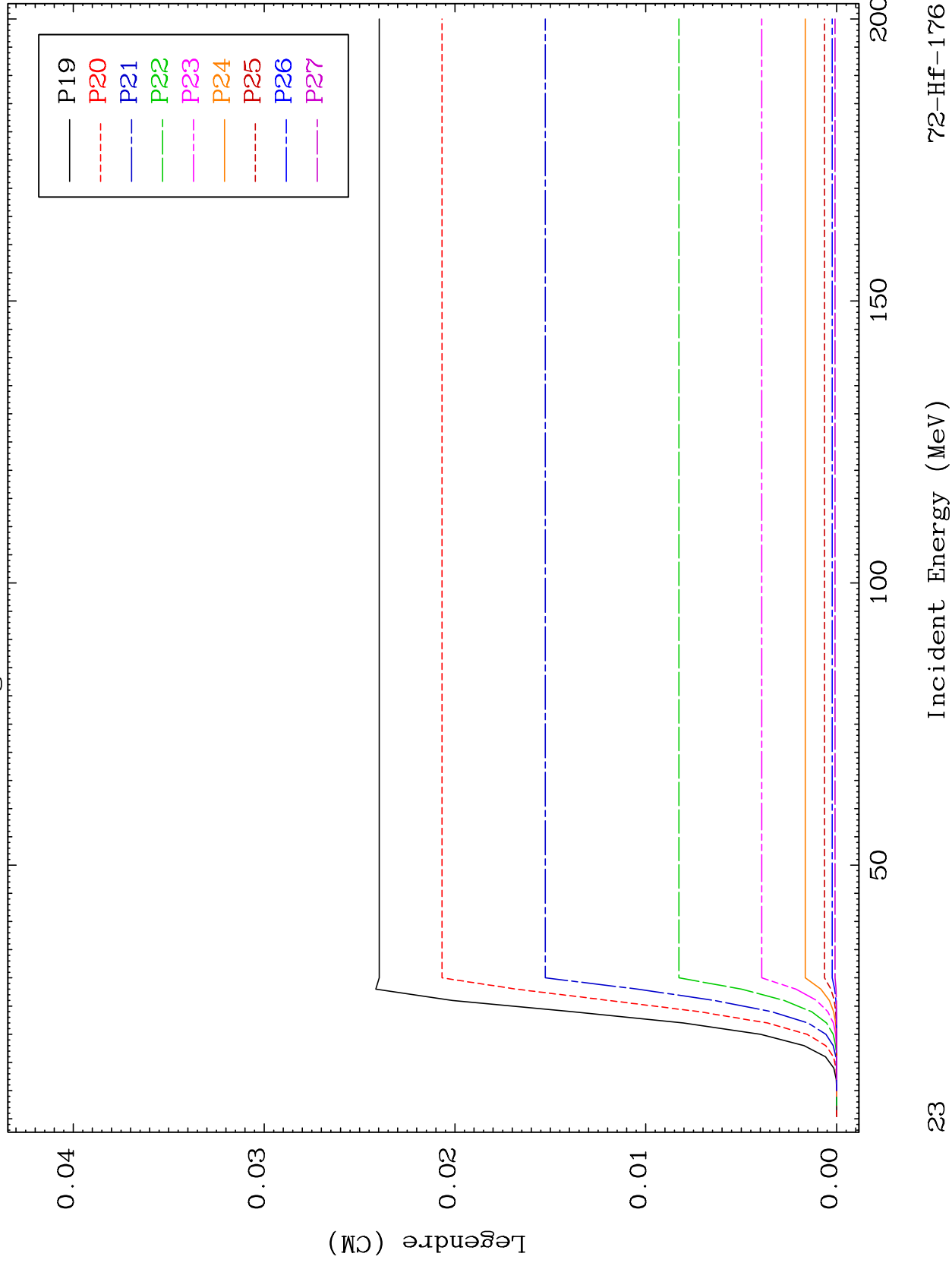
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176

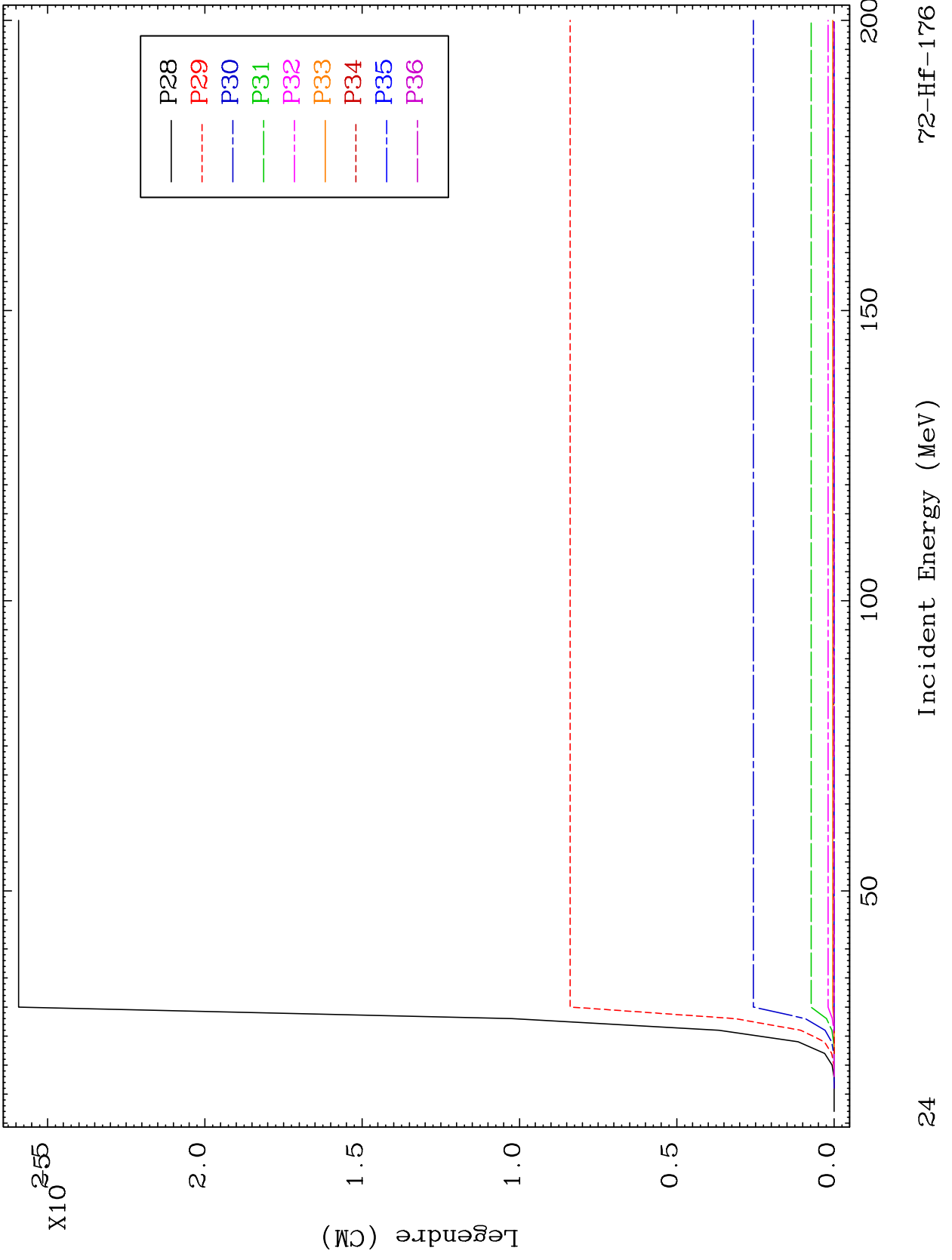


23

MAT 7231

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

72-Hf-176



24

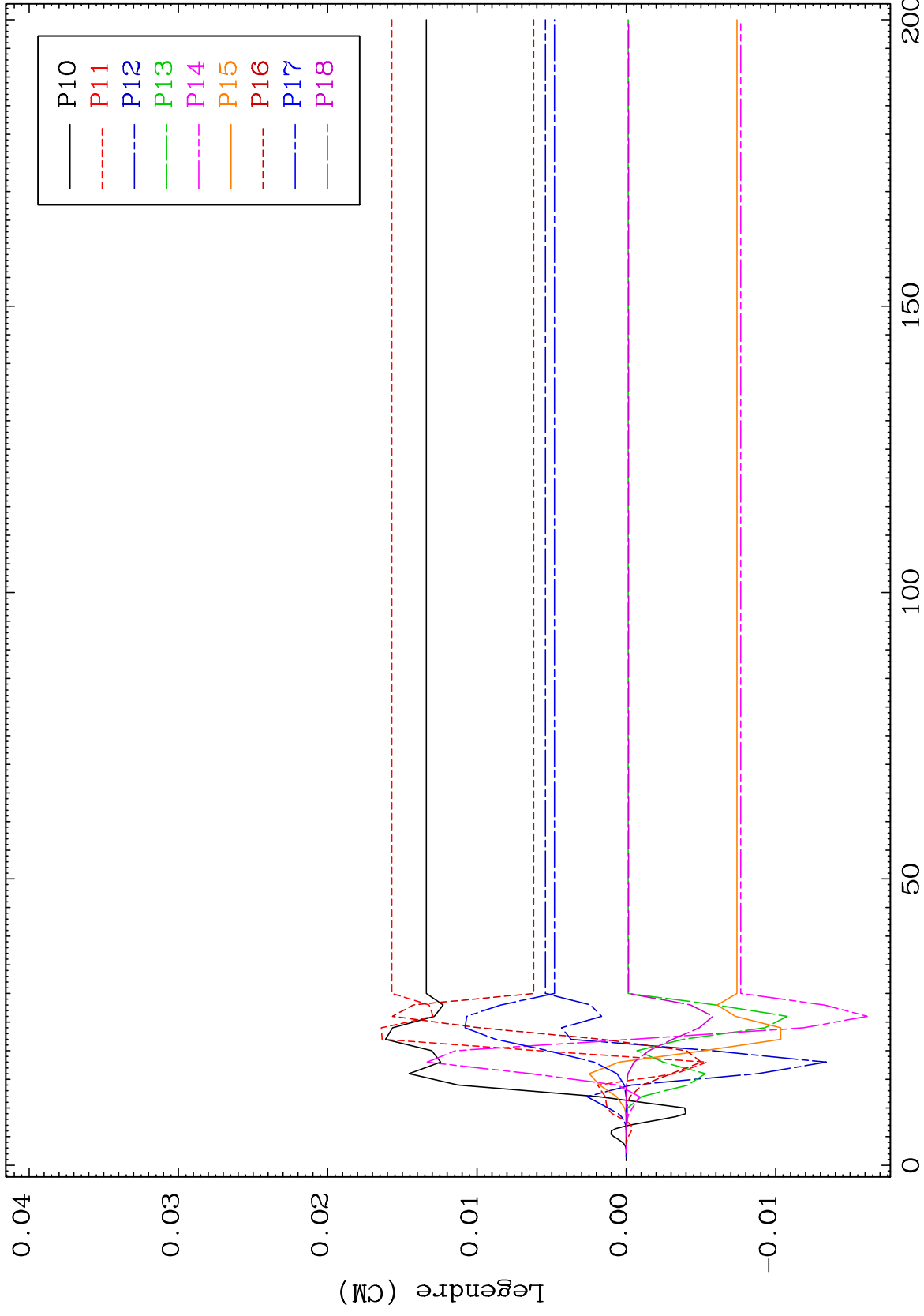
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



26

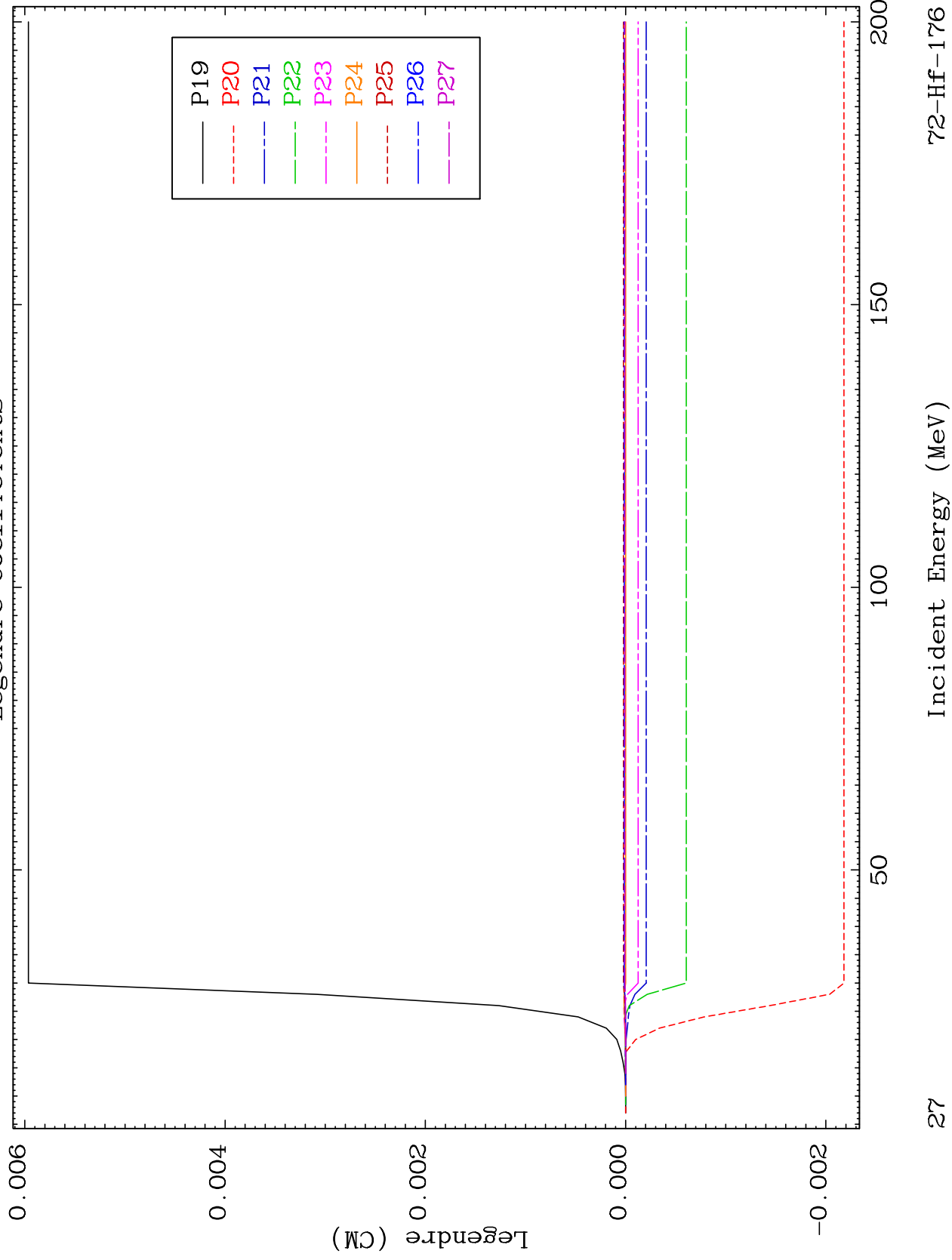
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



27

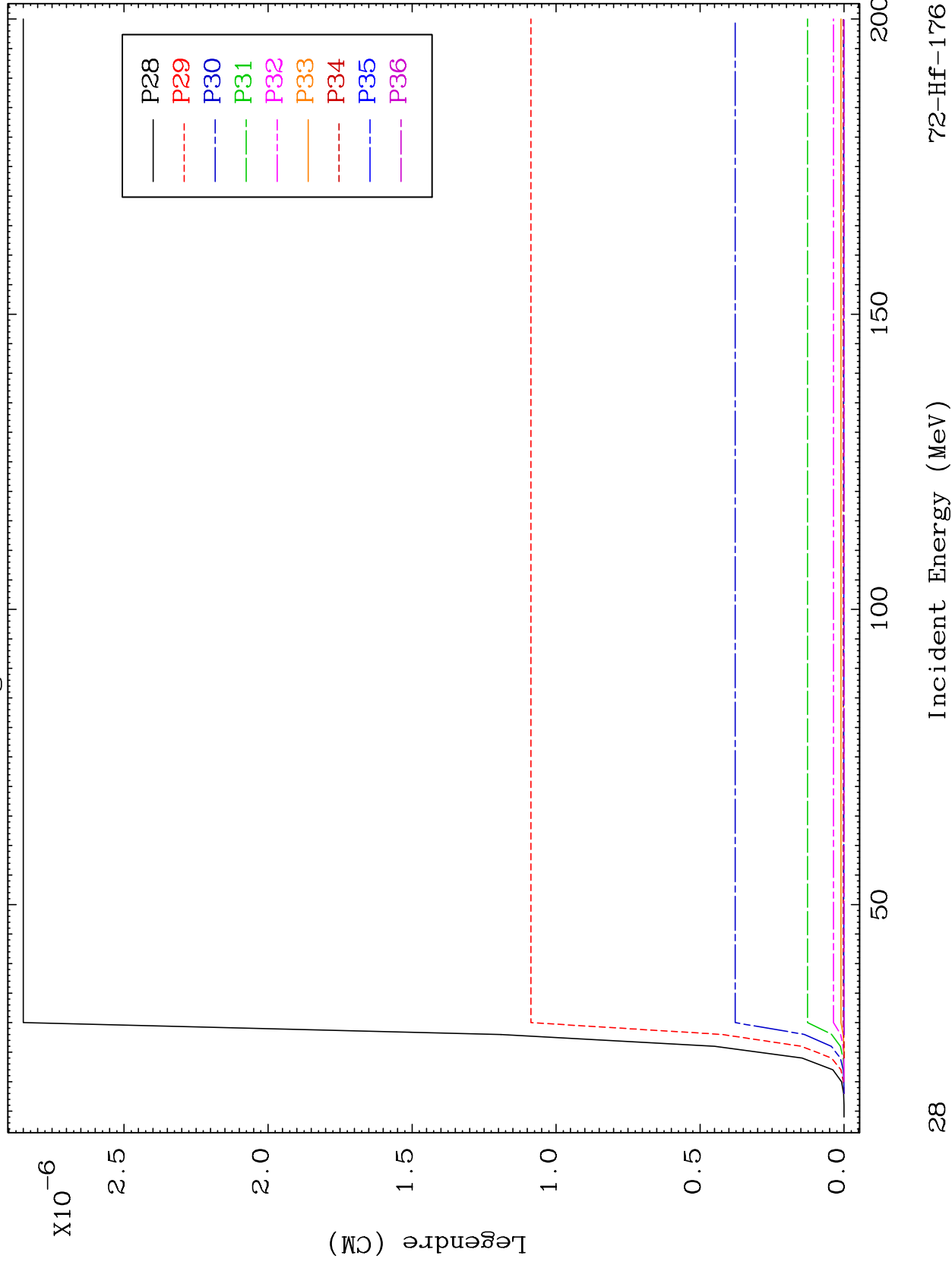
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



28

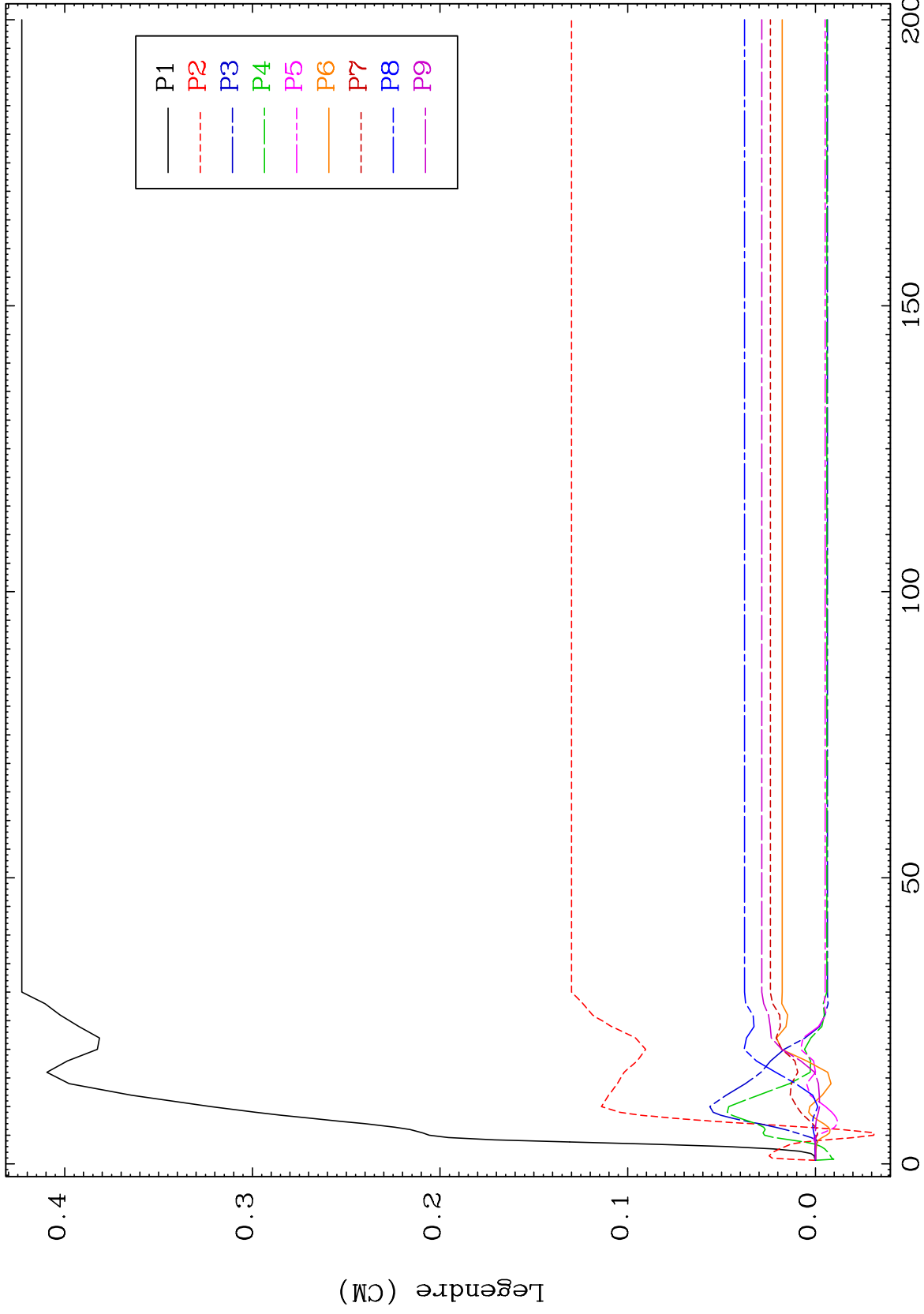
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



29

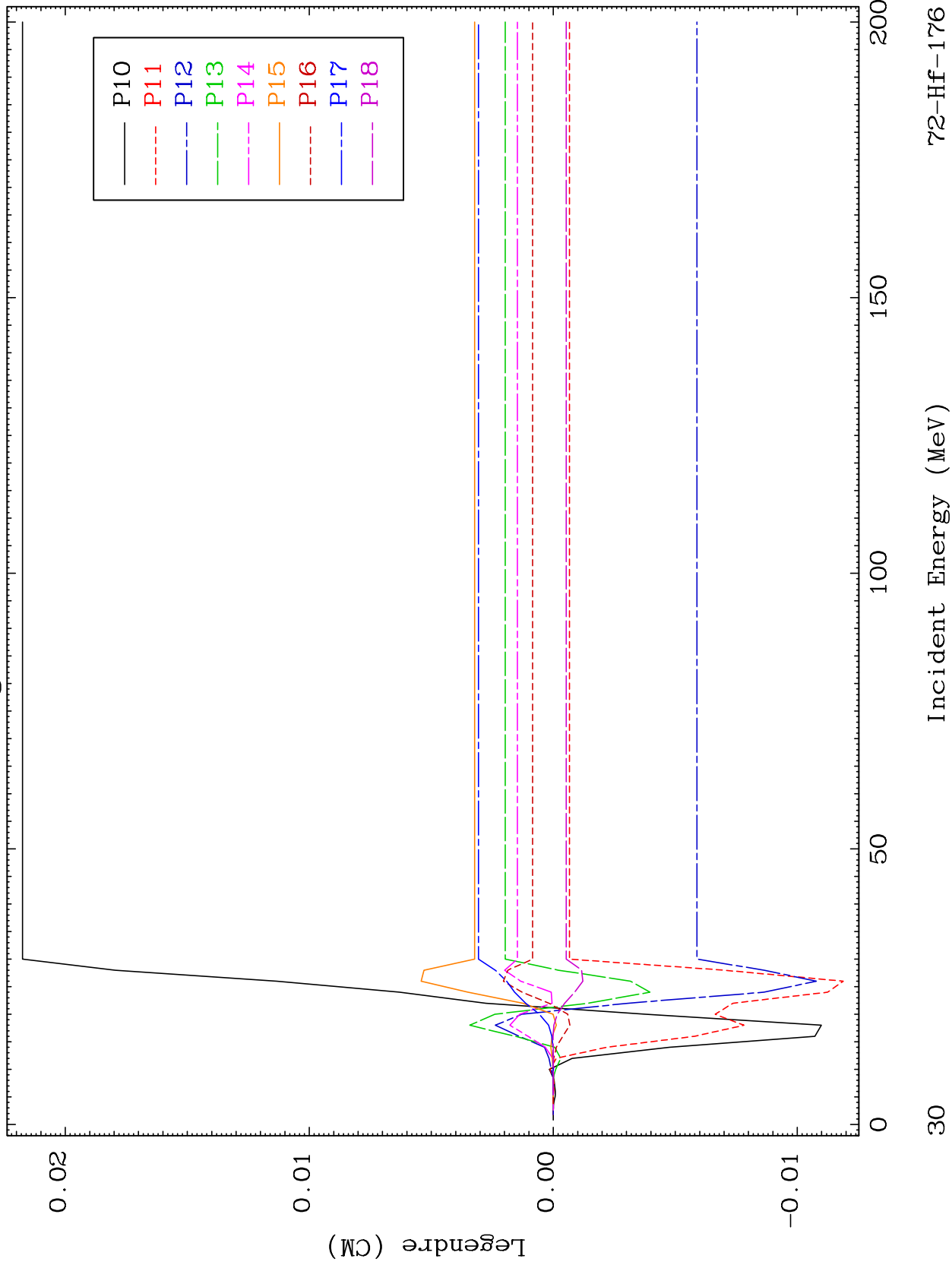
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



72-Hf-176

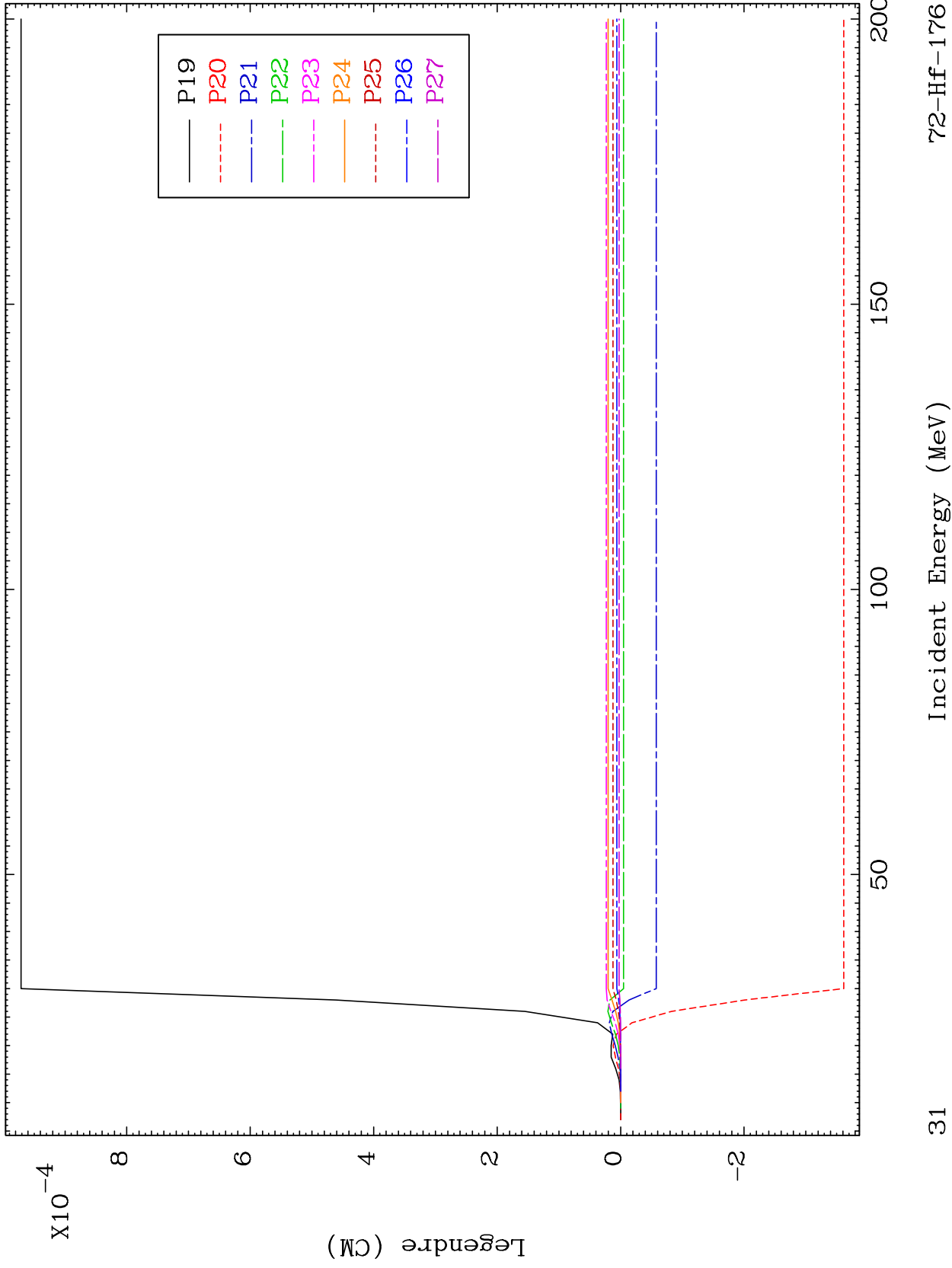
Incident Energy (MeV)

30

MAT 7231

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

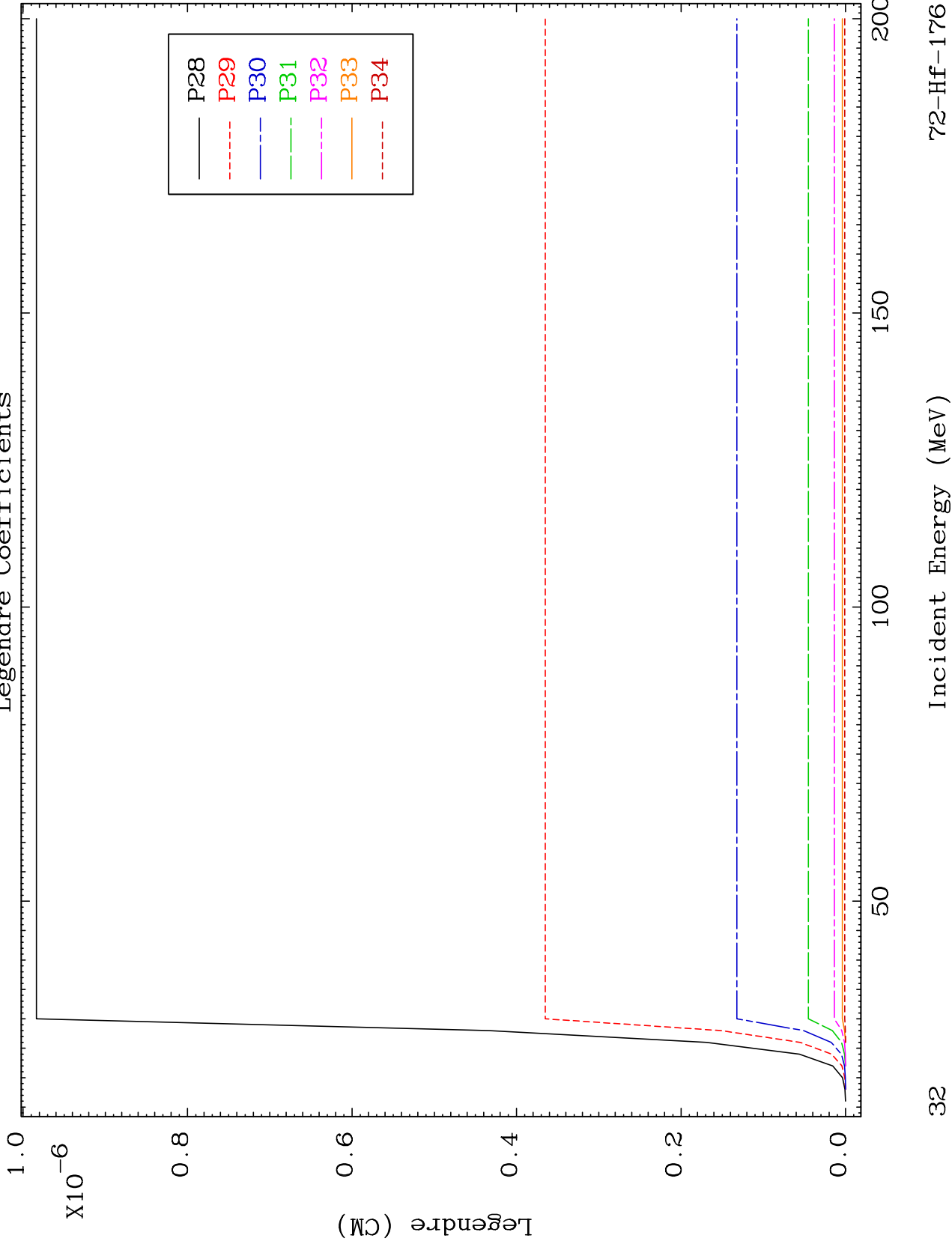
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MAT 7231

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

72-Hf-176

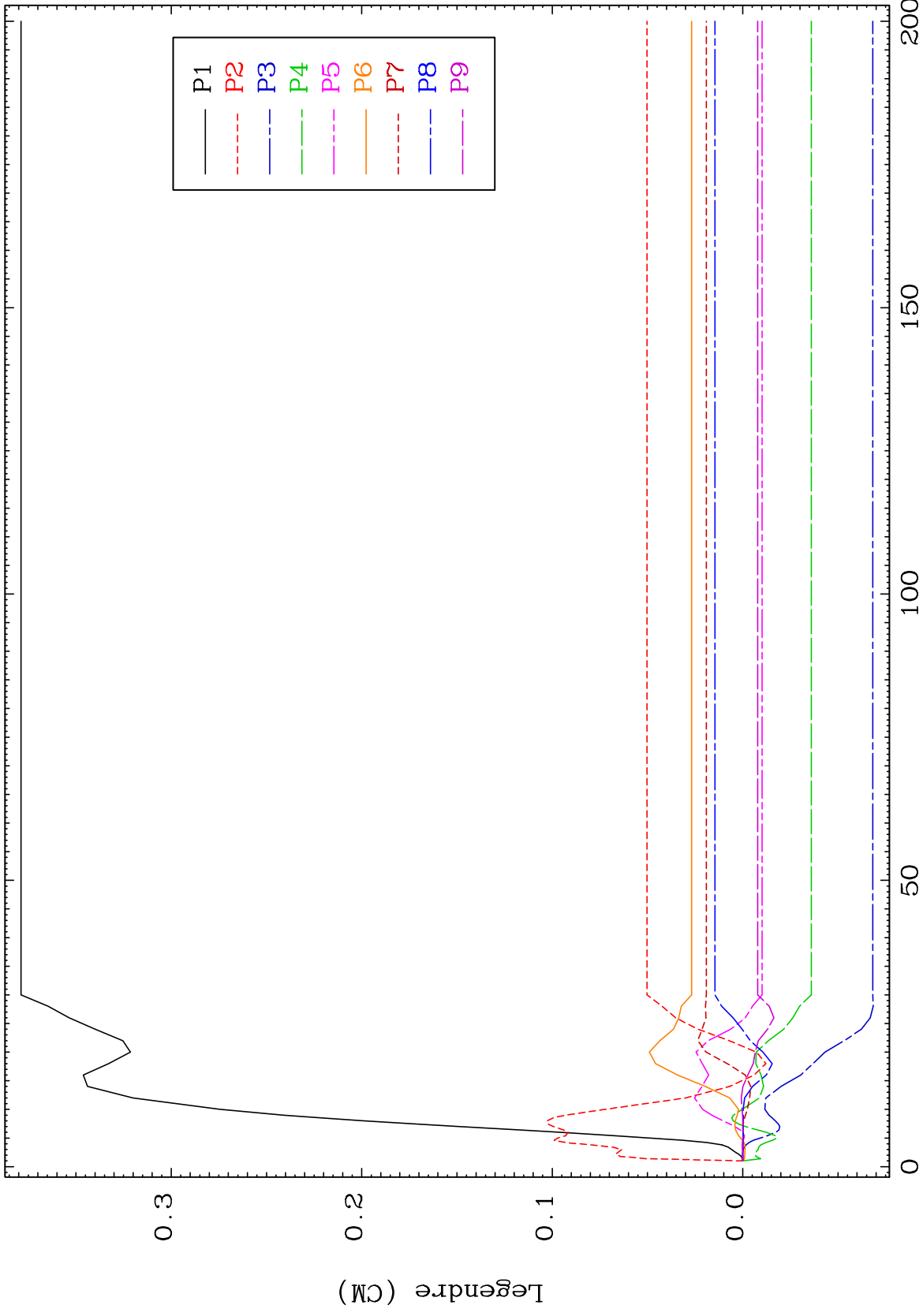


32

MAT 7231

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

72-Hf-176



33

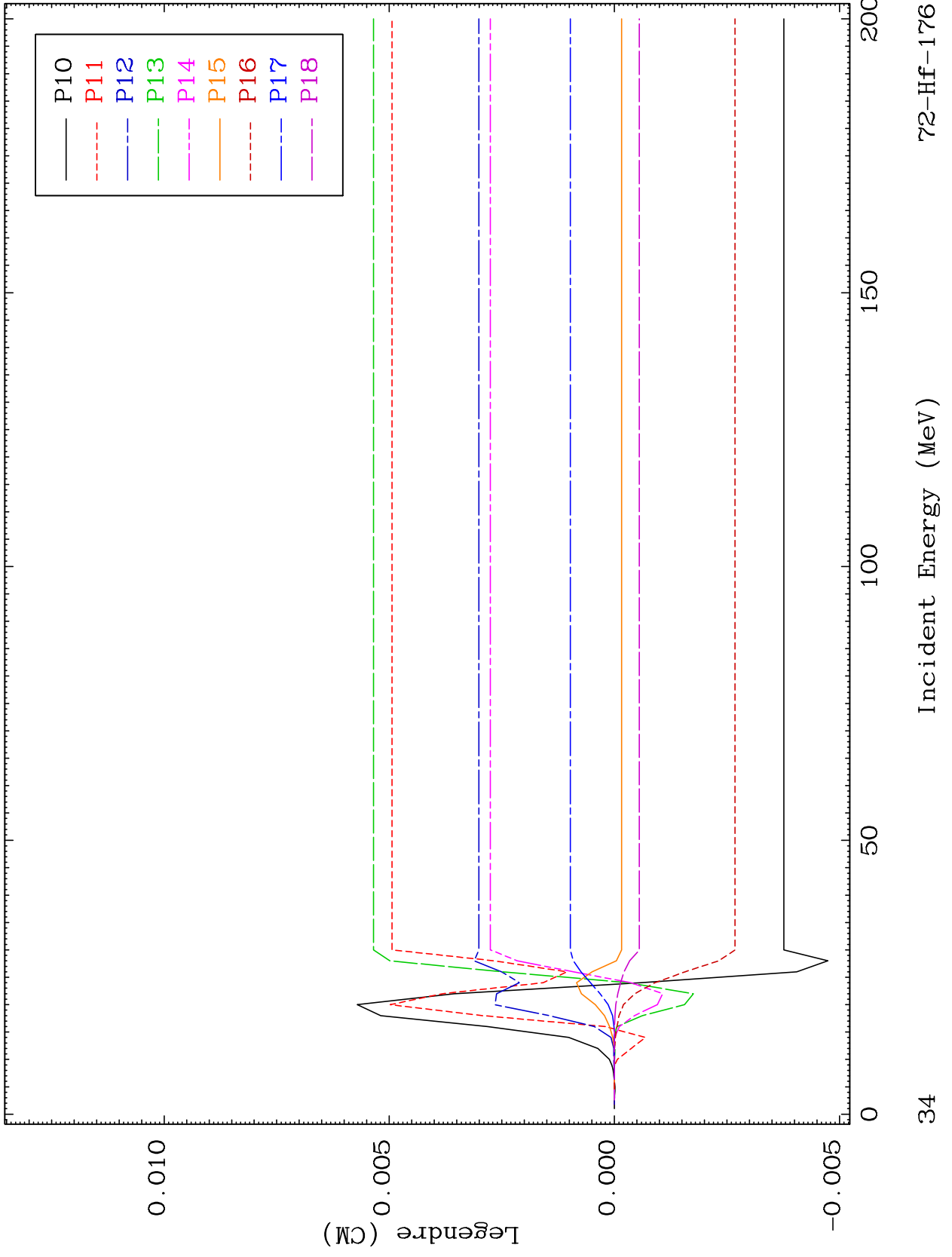
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



34

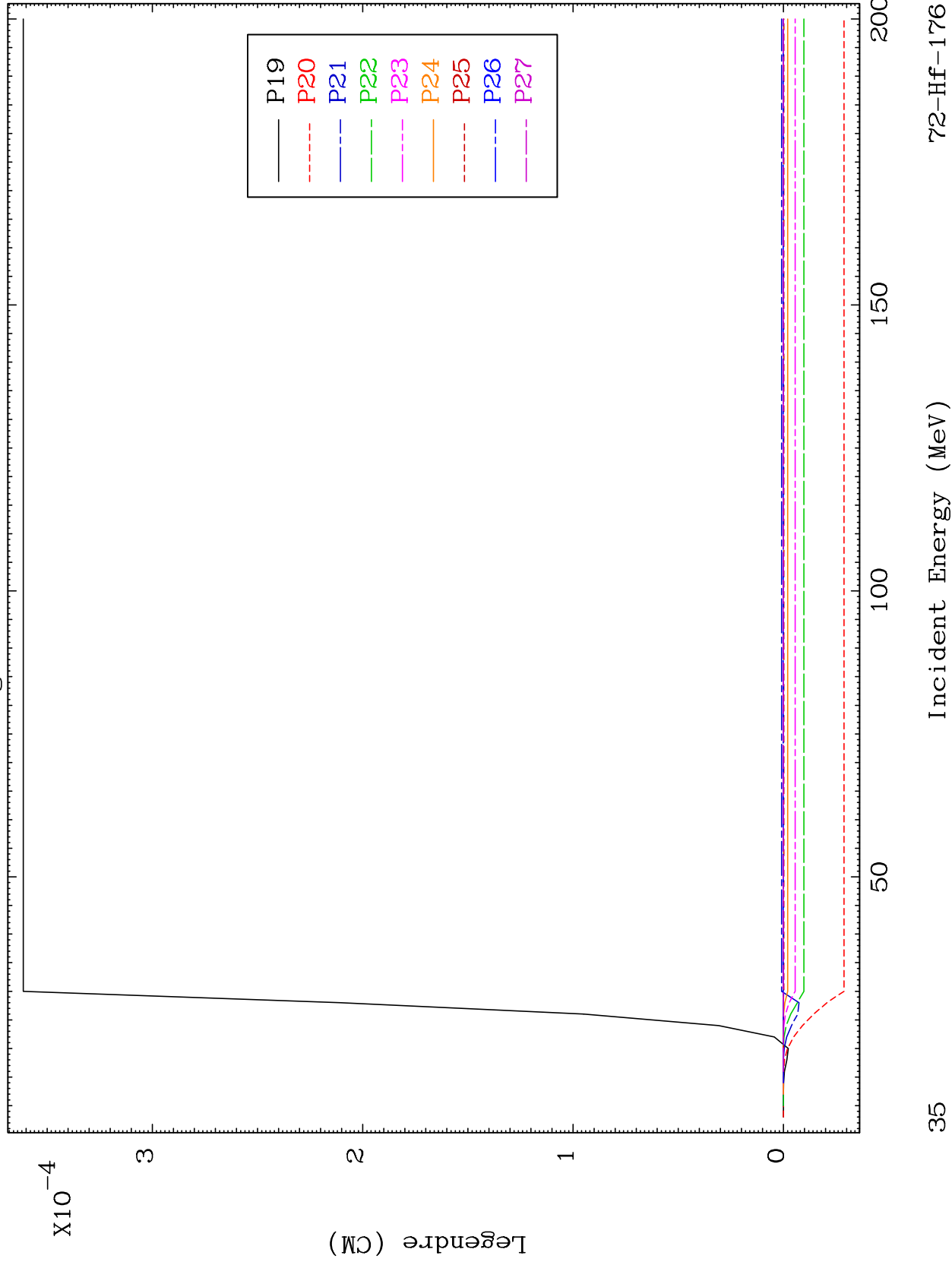
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

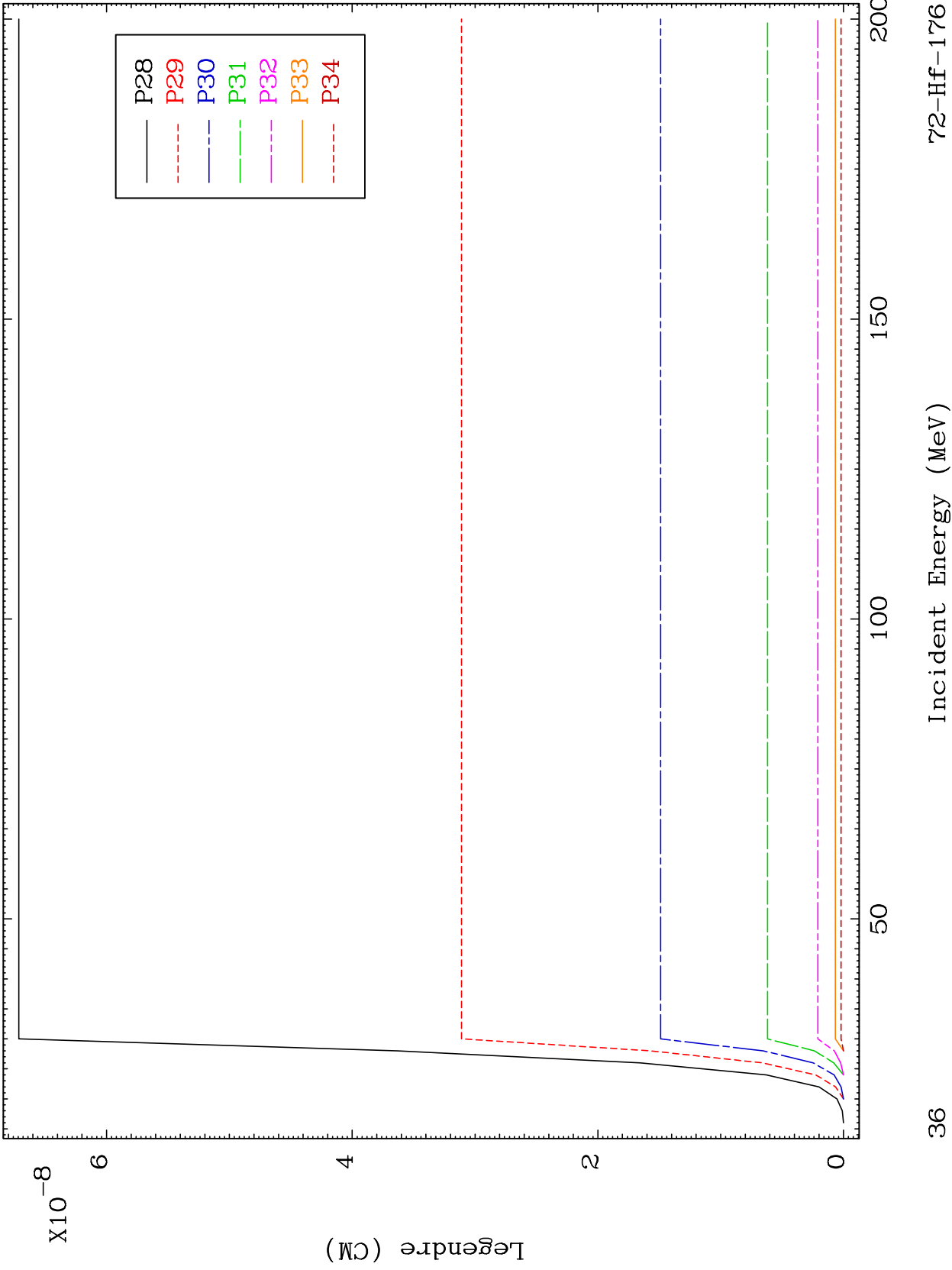
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MAT 7231

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

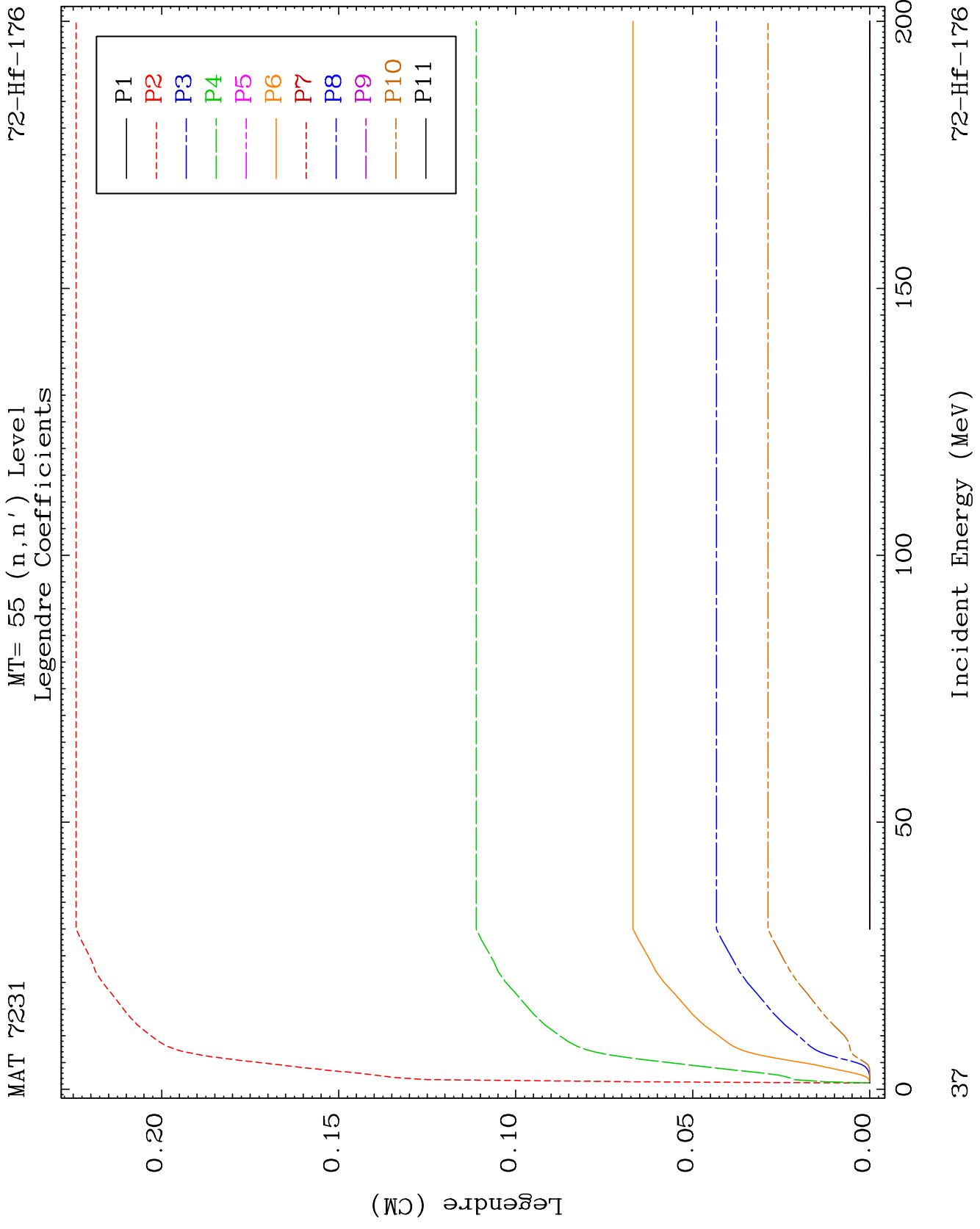
72-Hf-176



36

Incident Energy (MeV)

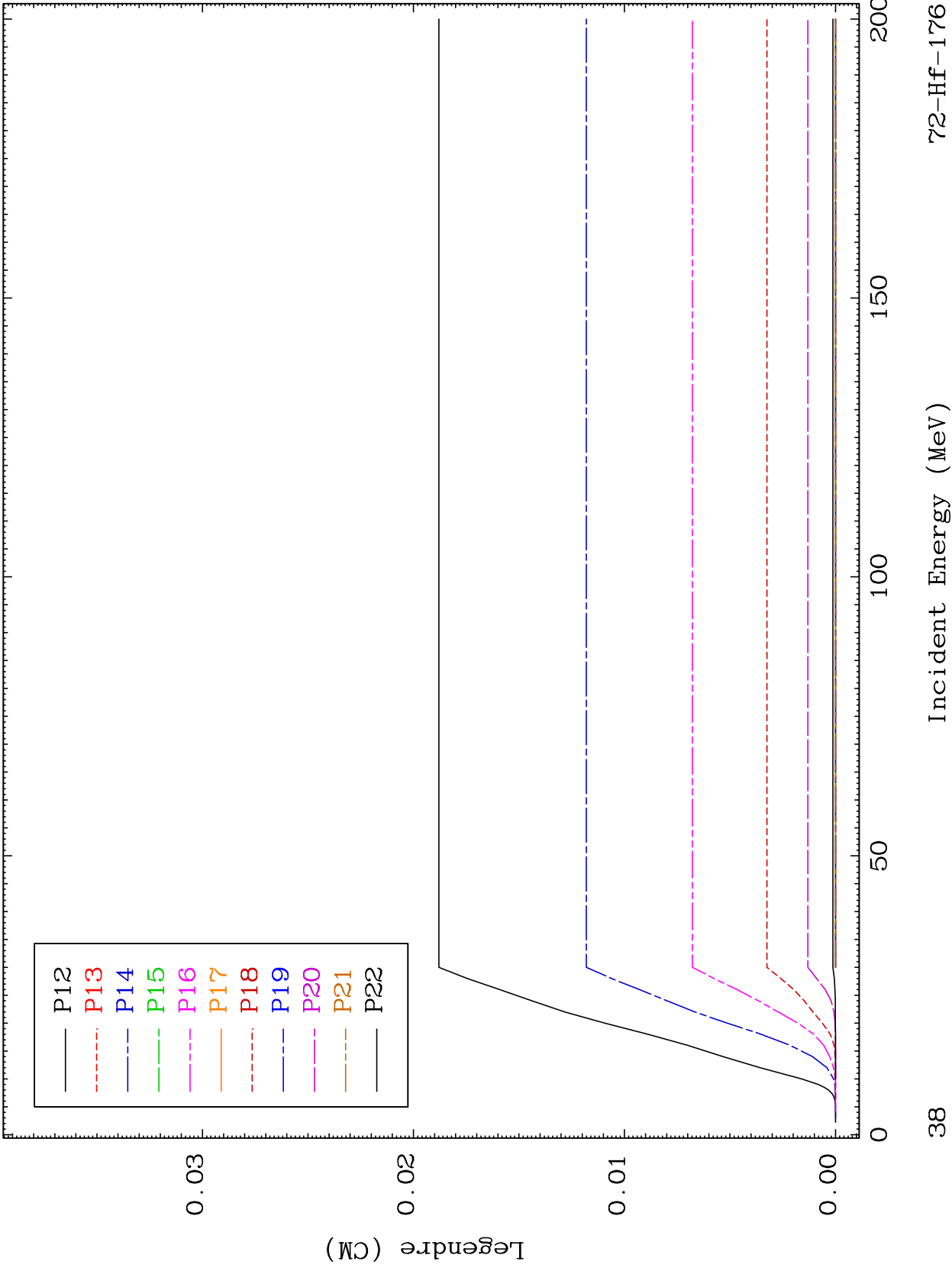
72-Hf-176



MAT 7231

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

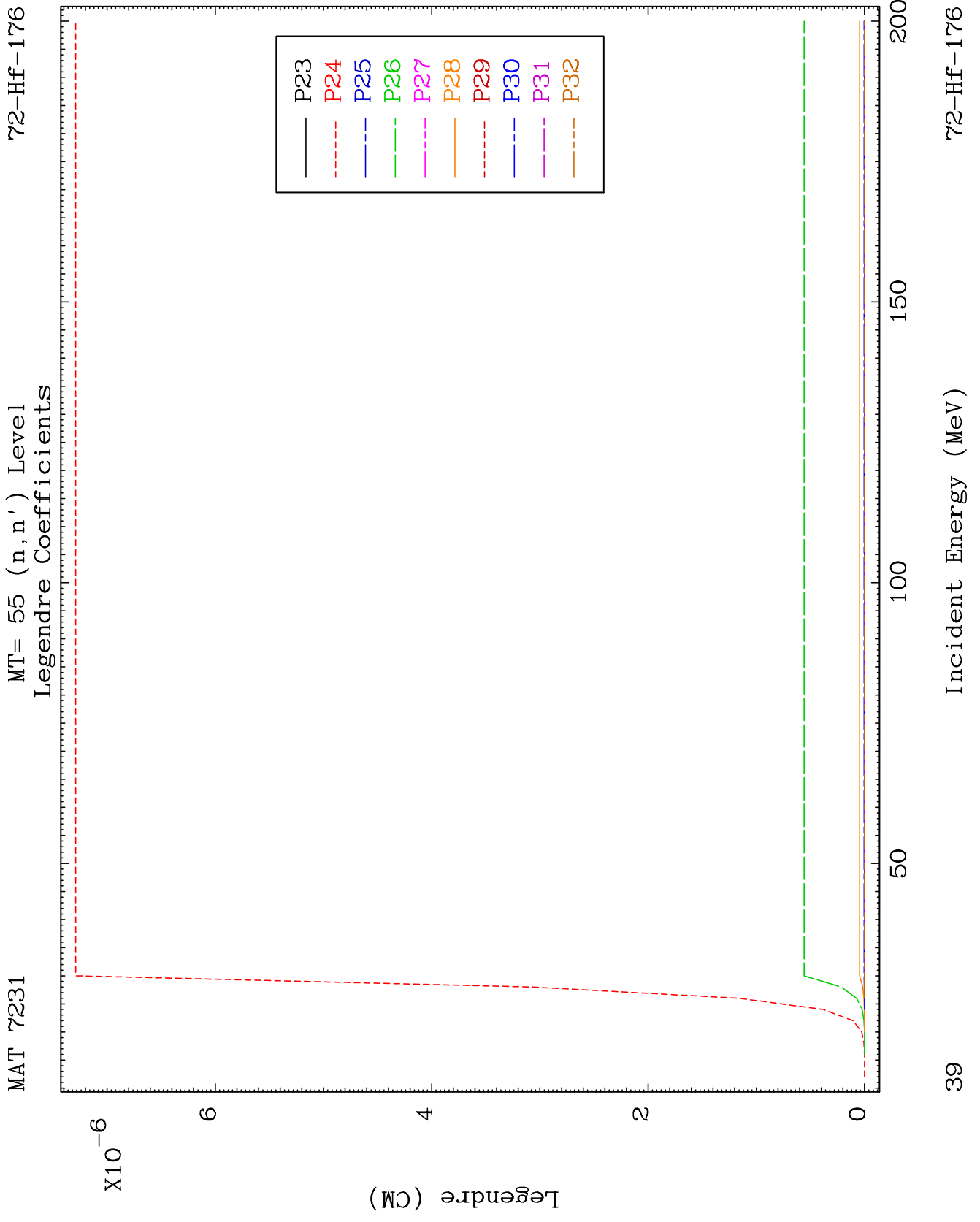
72-Hf-176



38

Incident Energy (MeV)

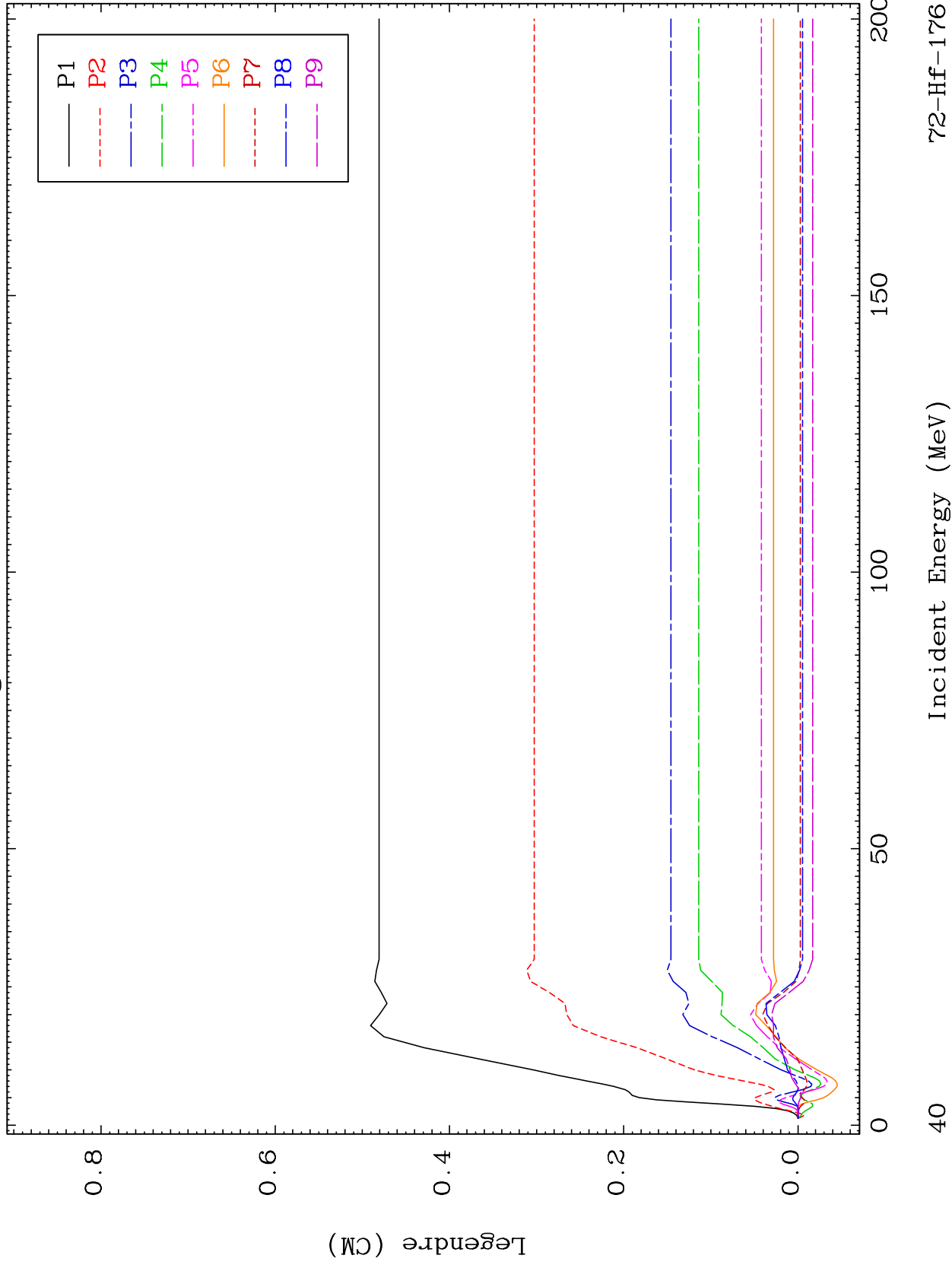
72-Hf-176



MAT 7231

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

72-Hf-176

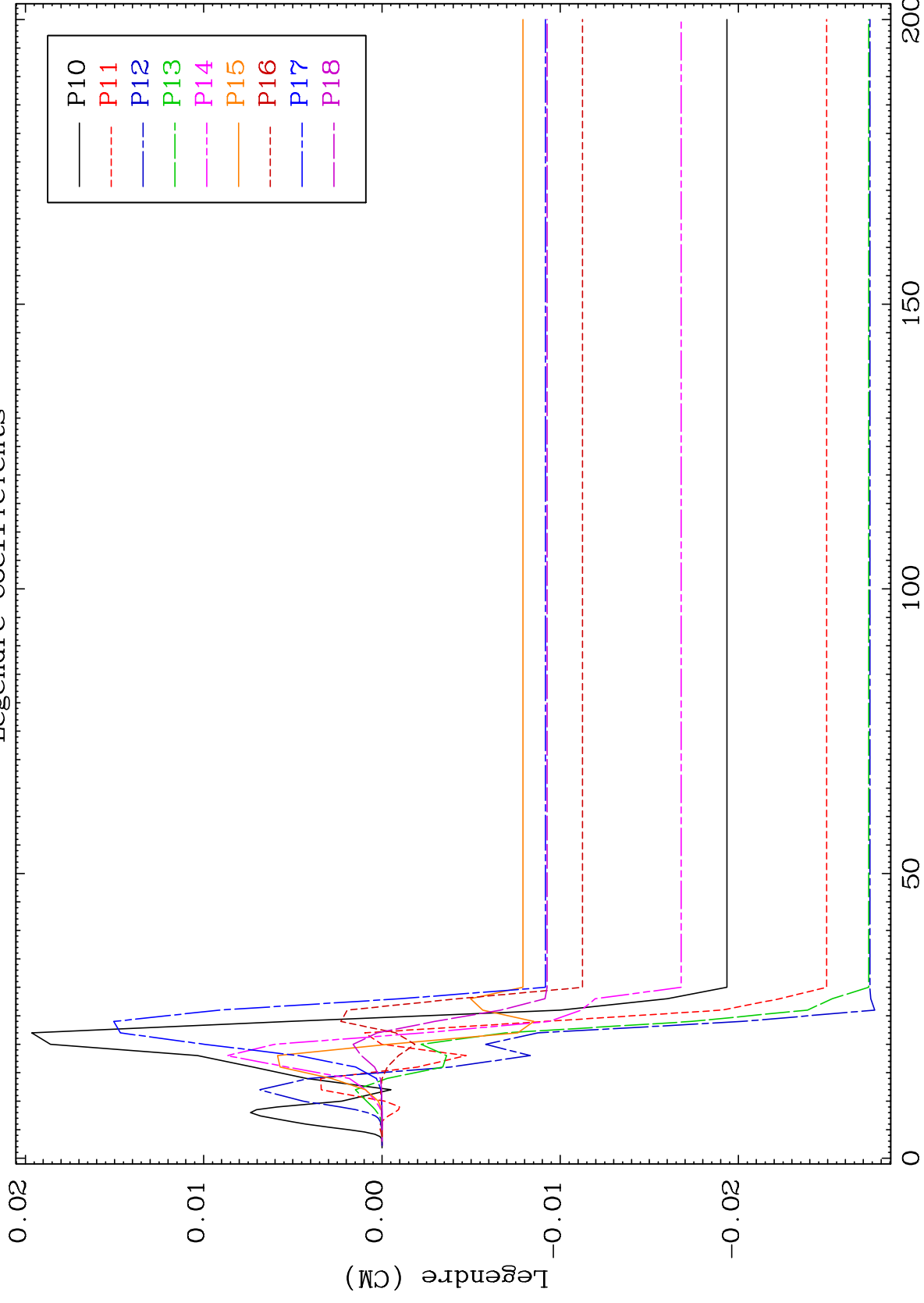


72-Hf-176

MAT 7231

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

72-Hf-176



41

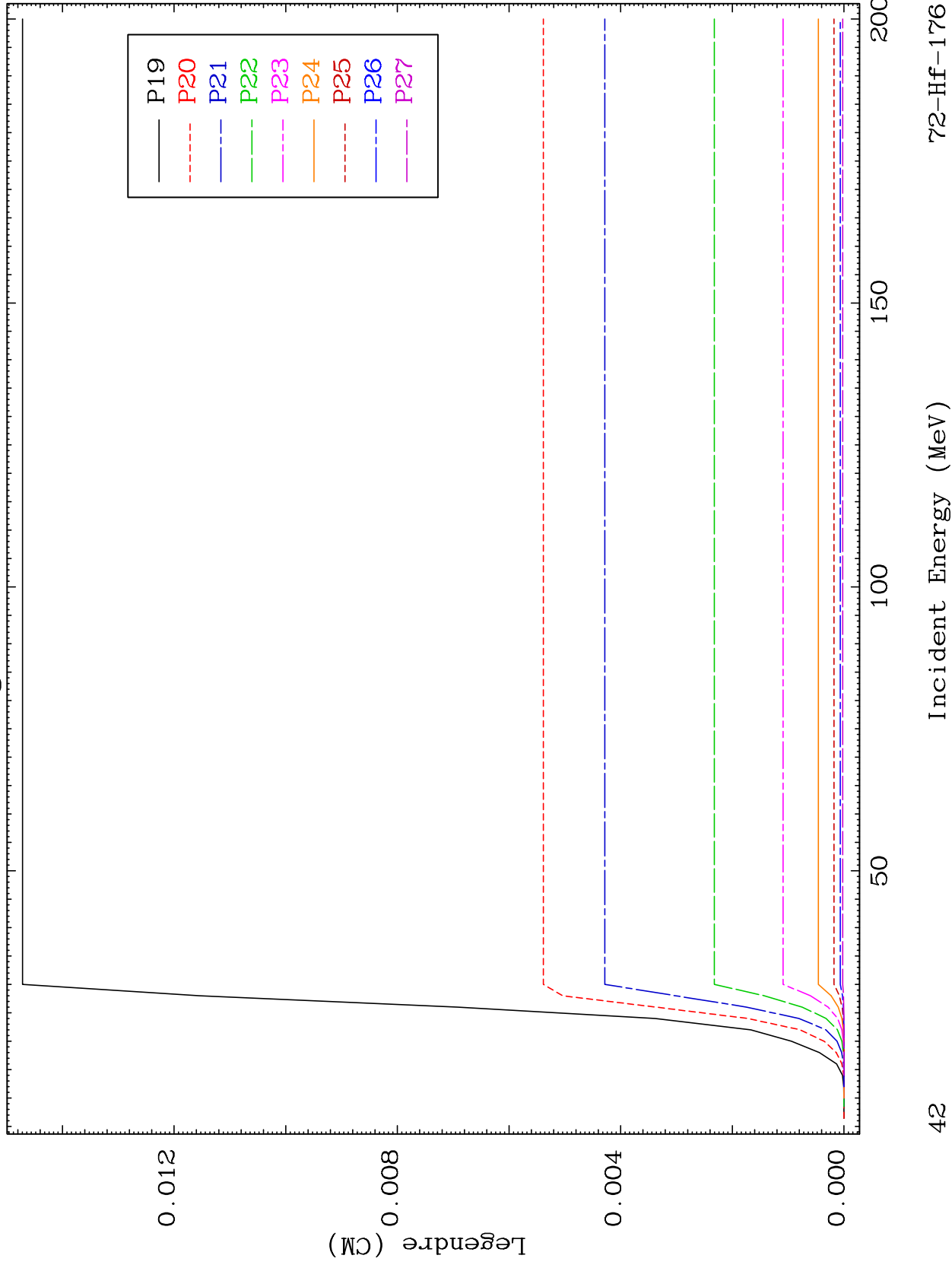
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



42

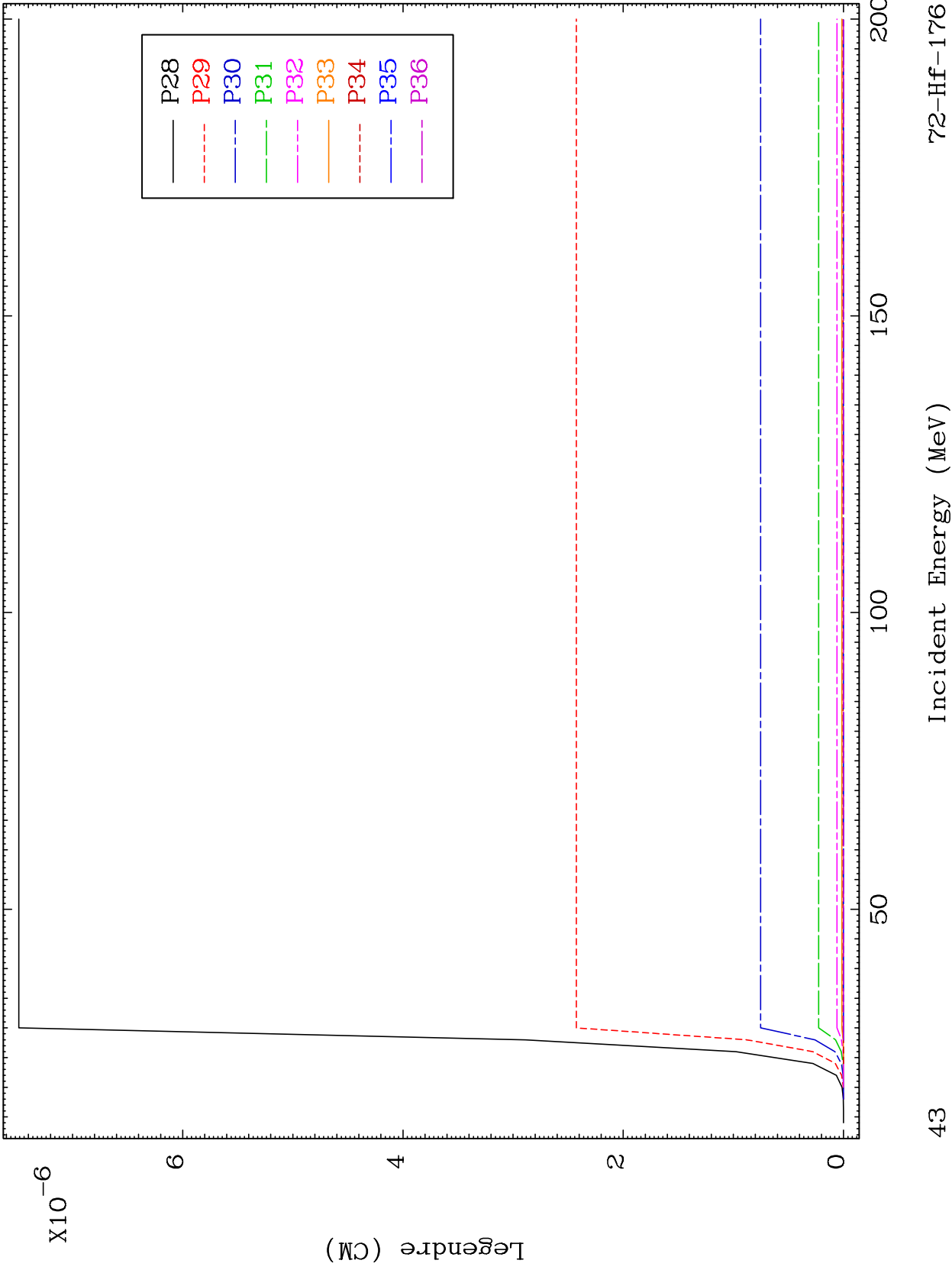
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



43

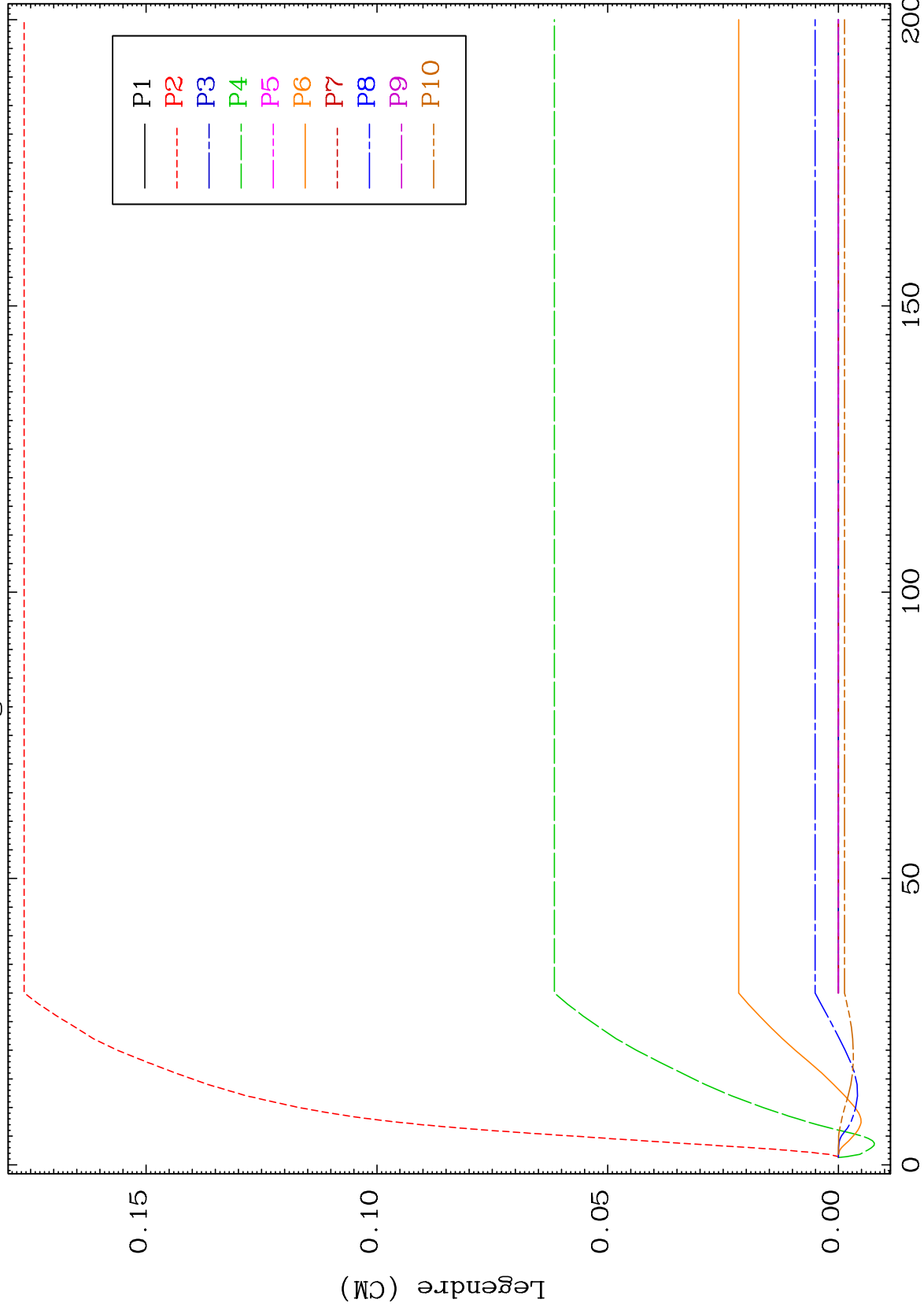
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



44

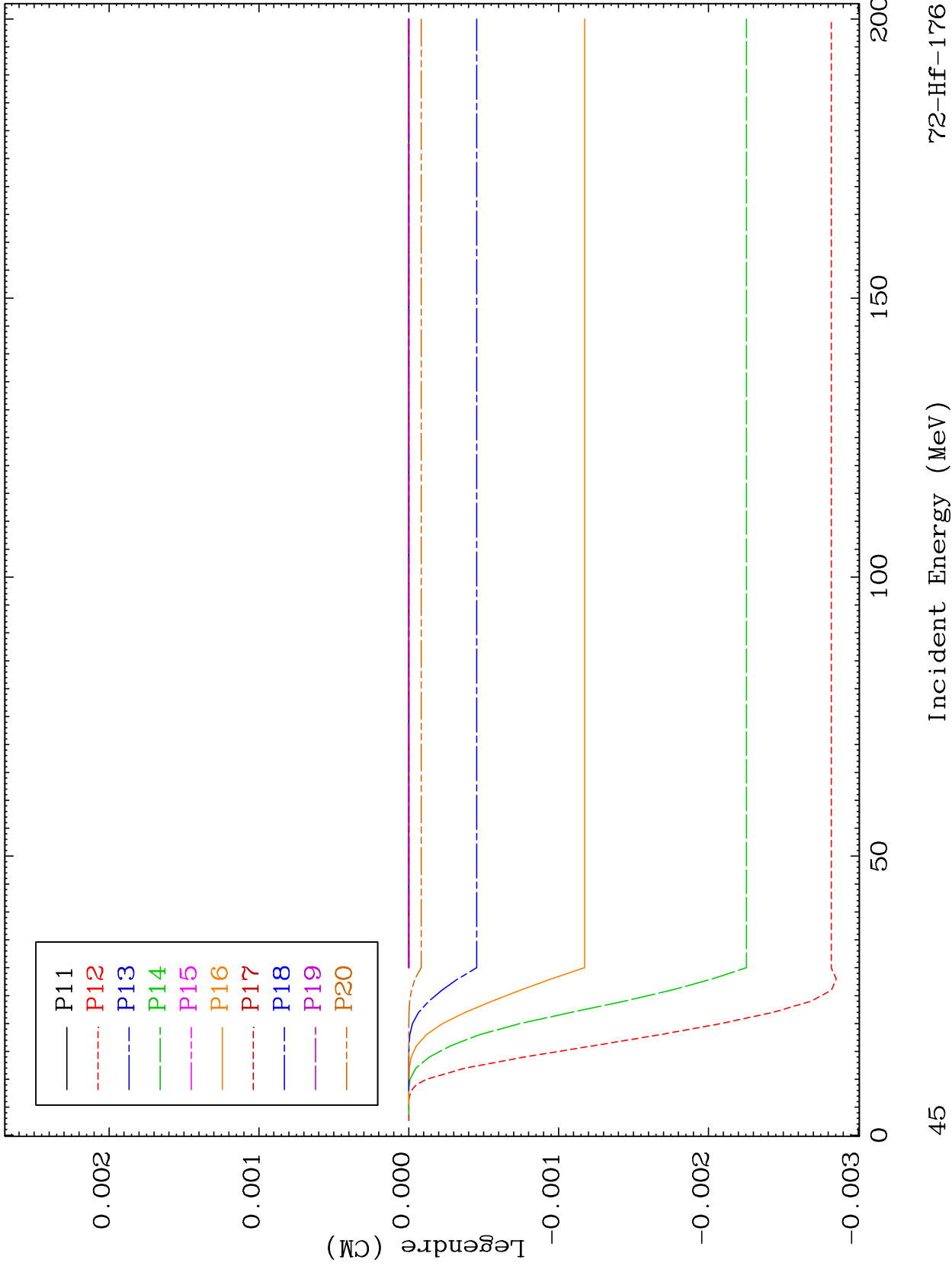
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

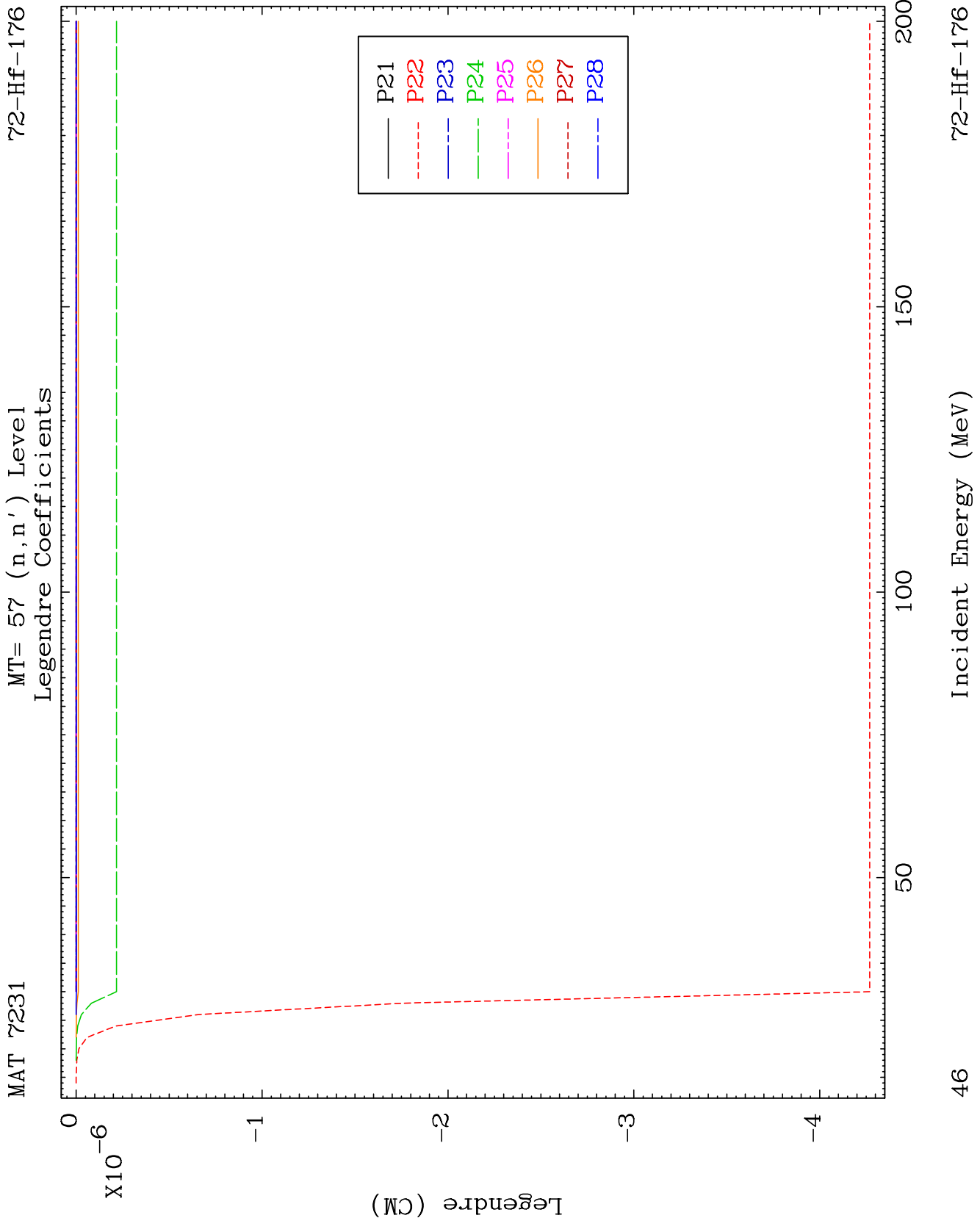
72-Hf-176



72-Hf-176

Incident Energy (MeV)

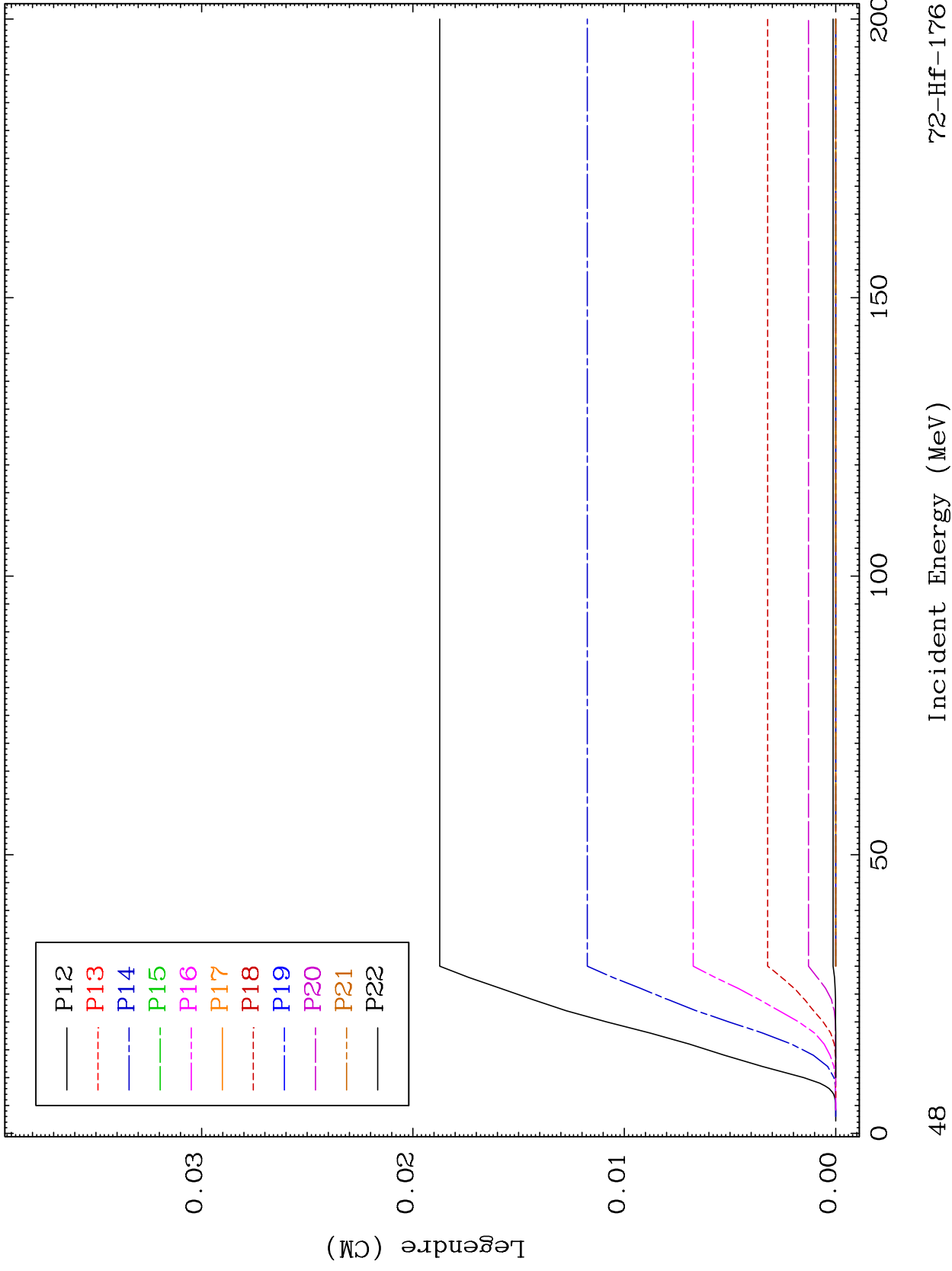
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MAT 7231

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

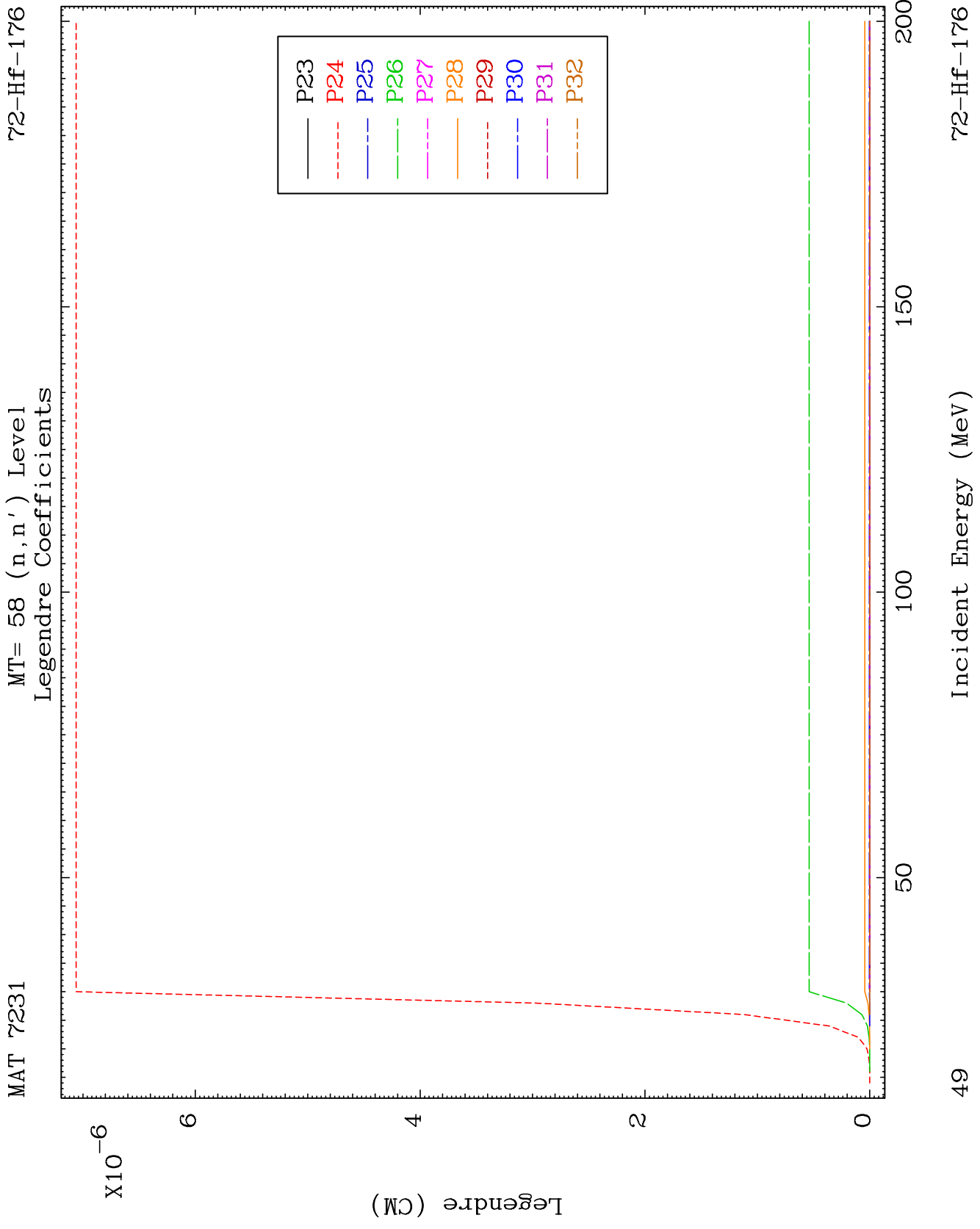
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72-Hf-176

Incident Energy (MeV)

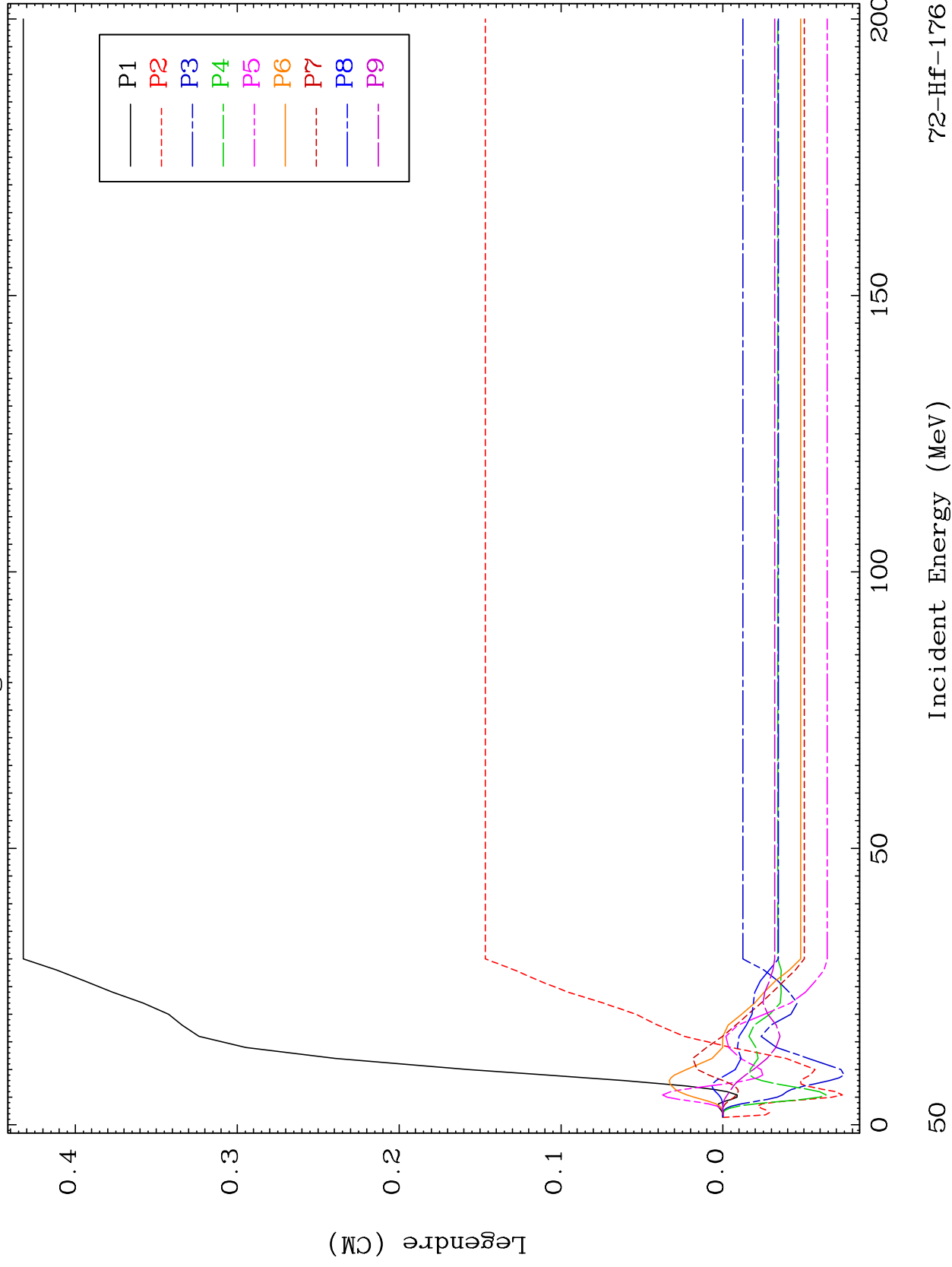
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MAT 7231

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

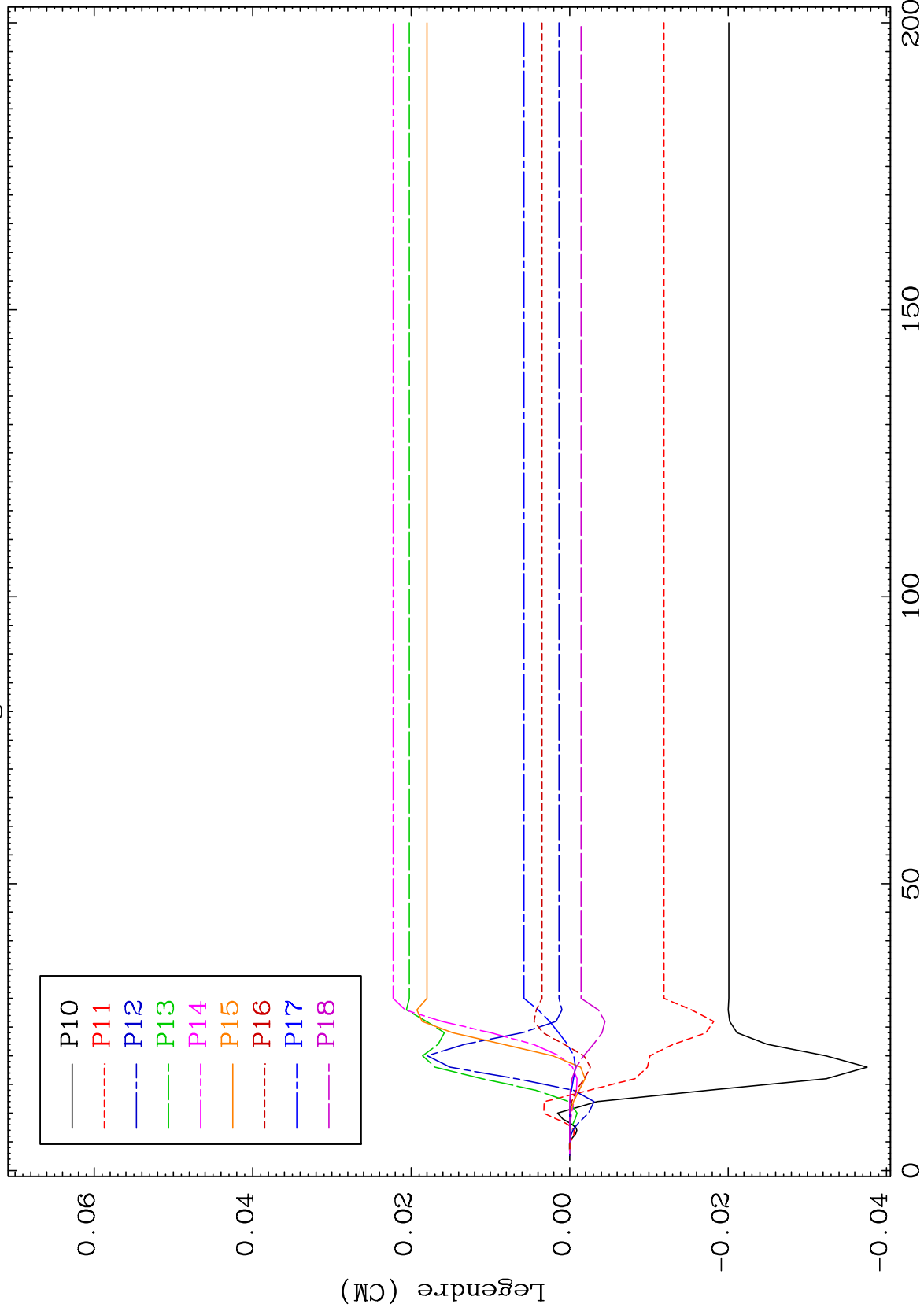
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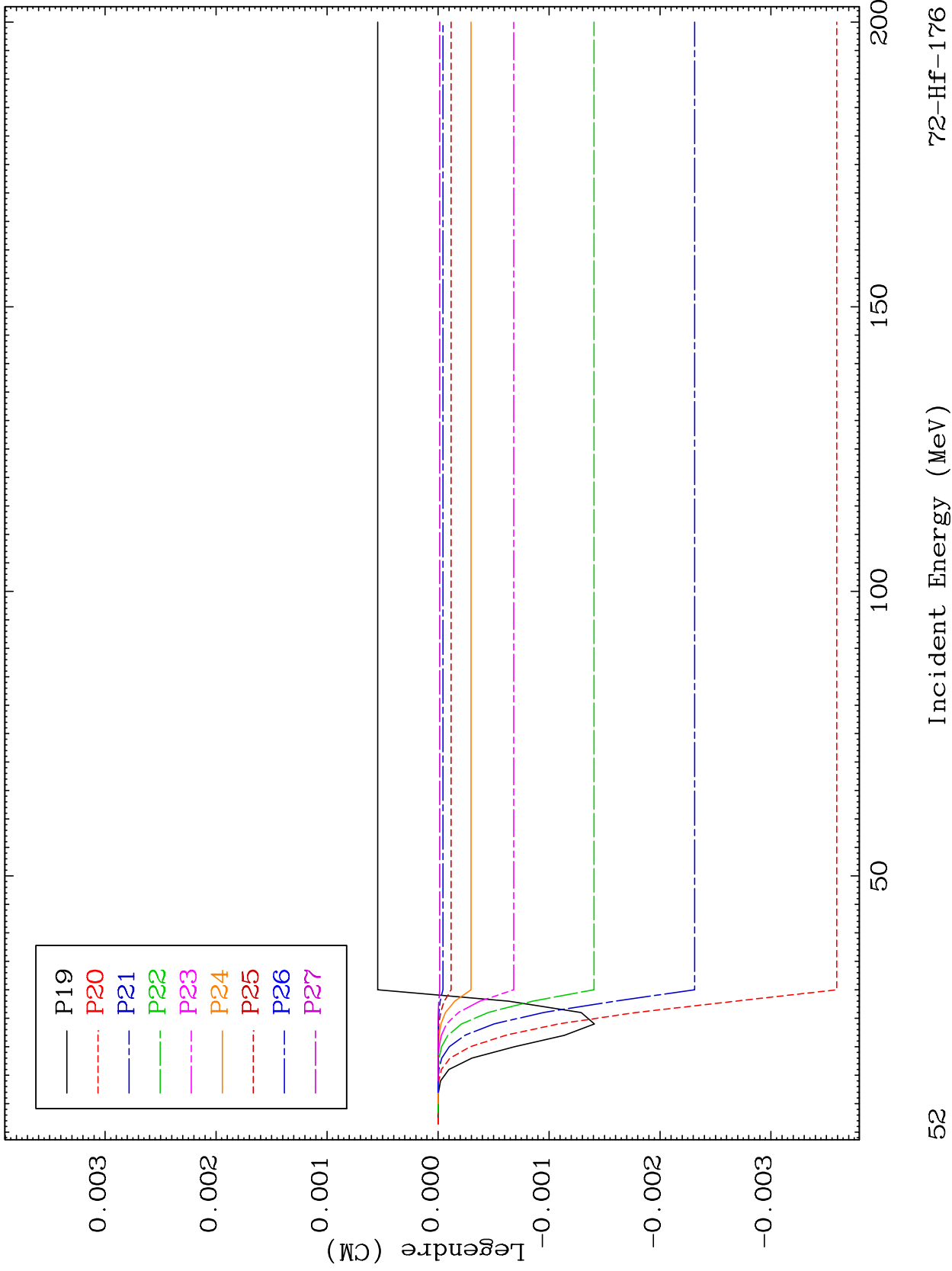


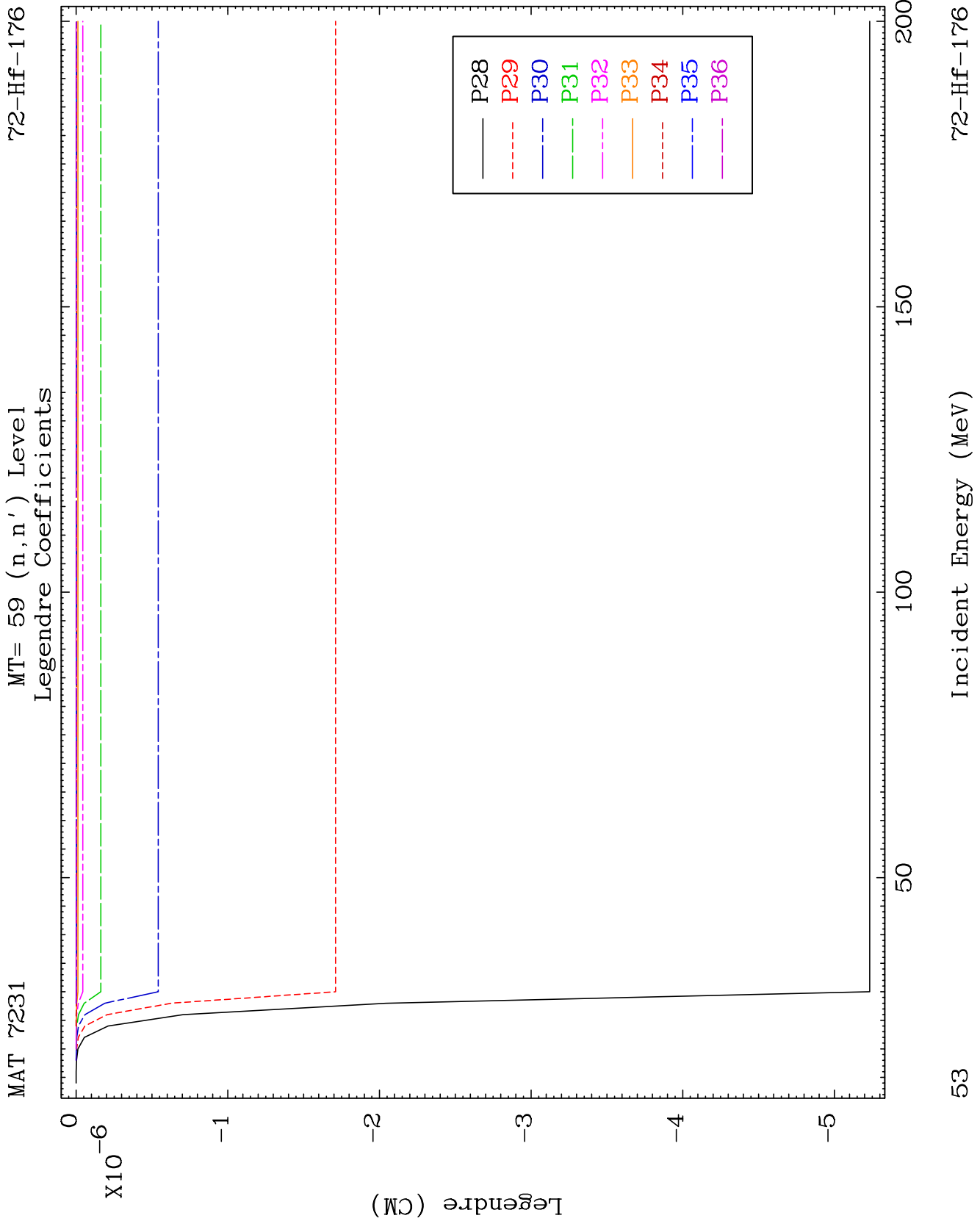
72-Hf-176

Incident Energy (MeV)

50



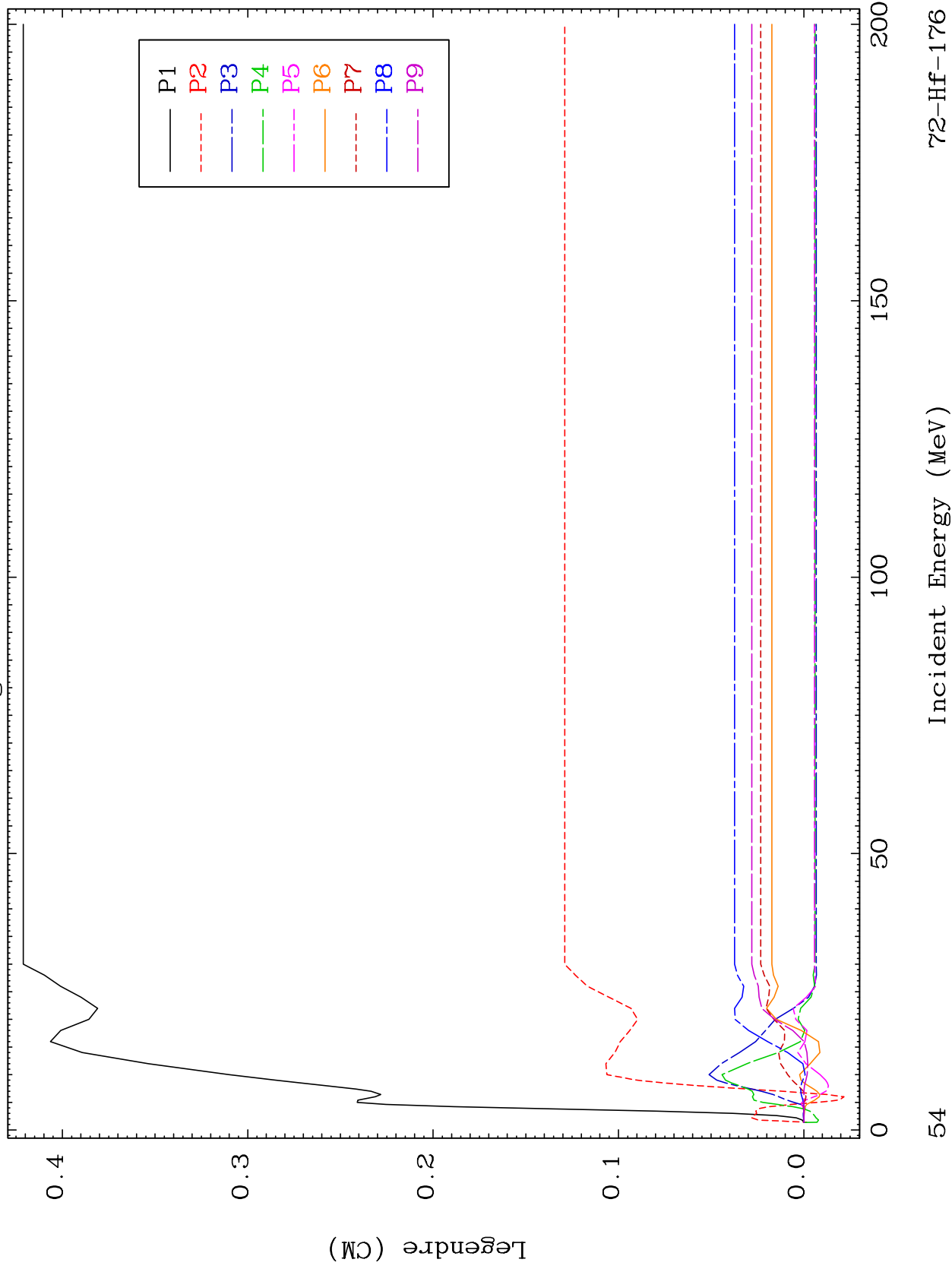




MAT 7231

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

72-Hf-176



72-Hf-176

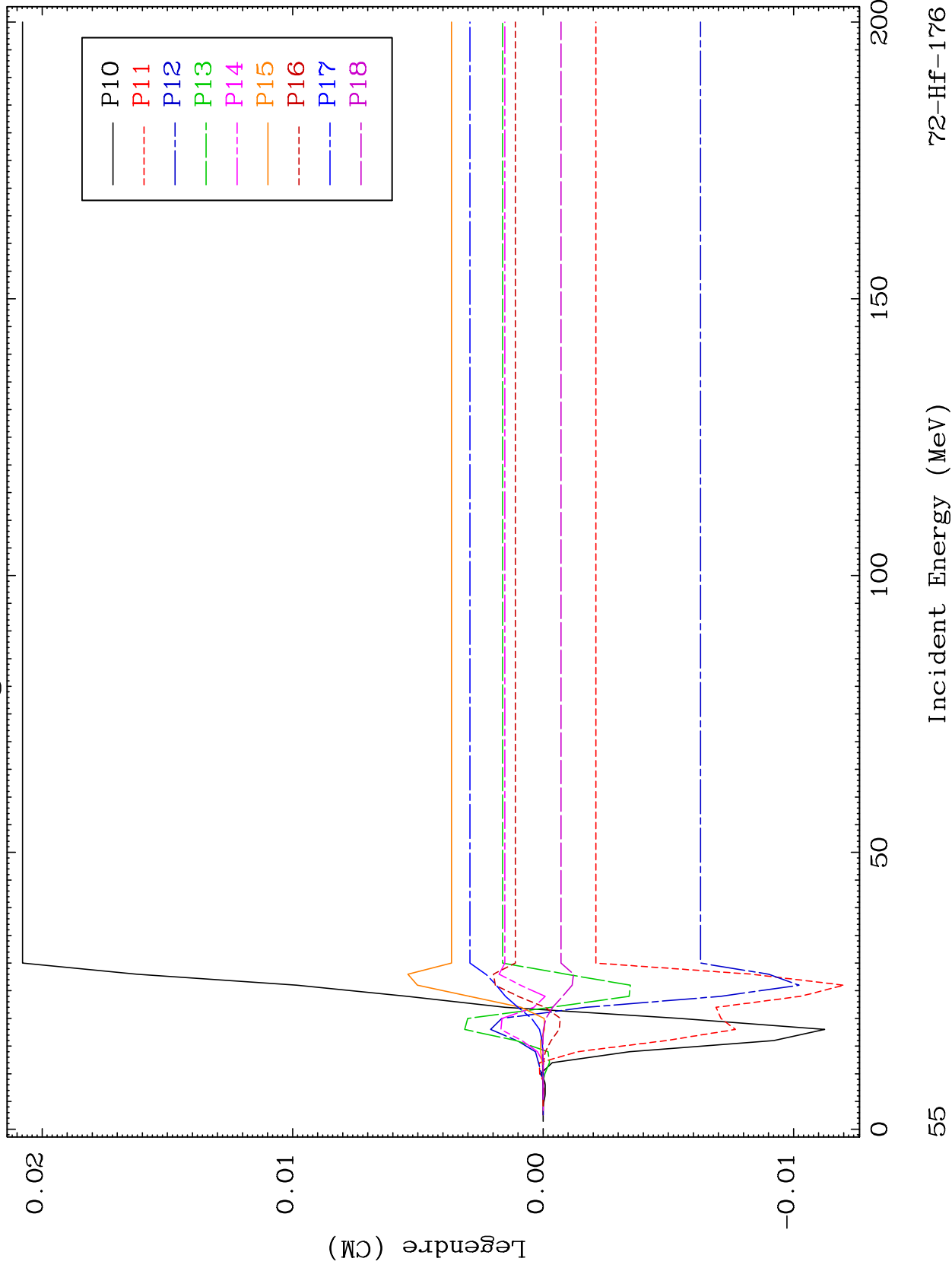
Incident Energy (MeV)

54

MAT 7231

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

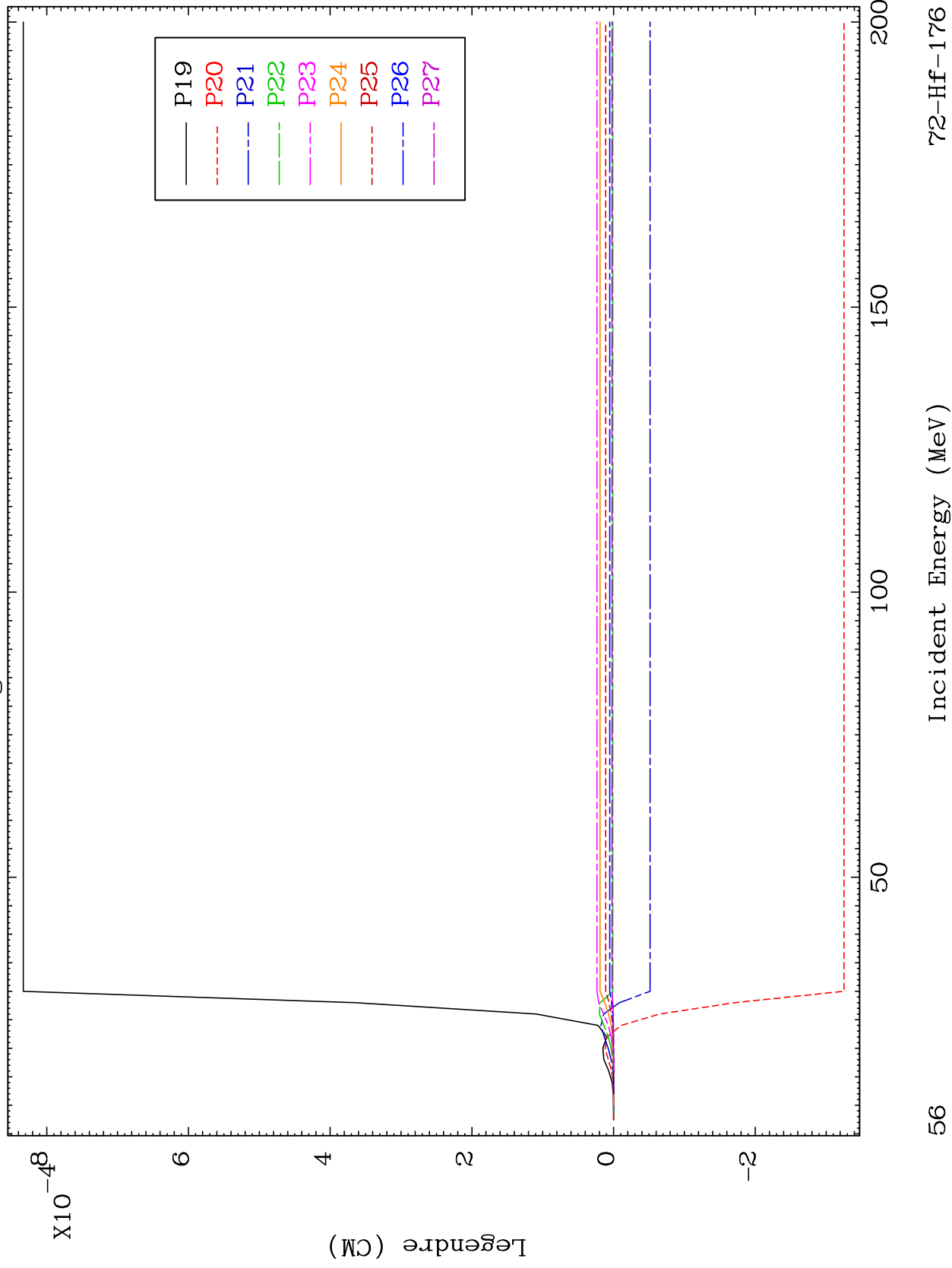
72-Hf-176



72-Hf-176

Incident Energy (MeV)

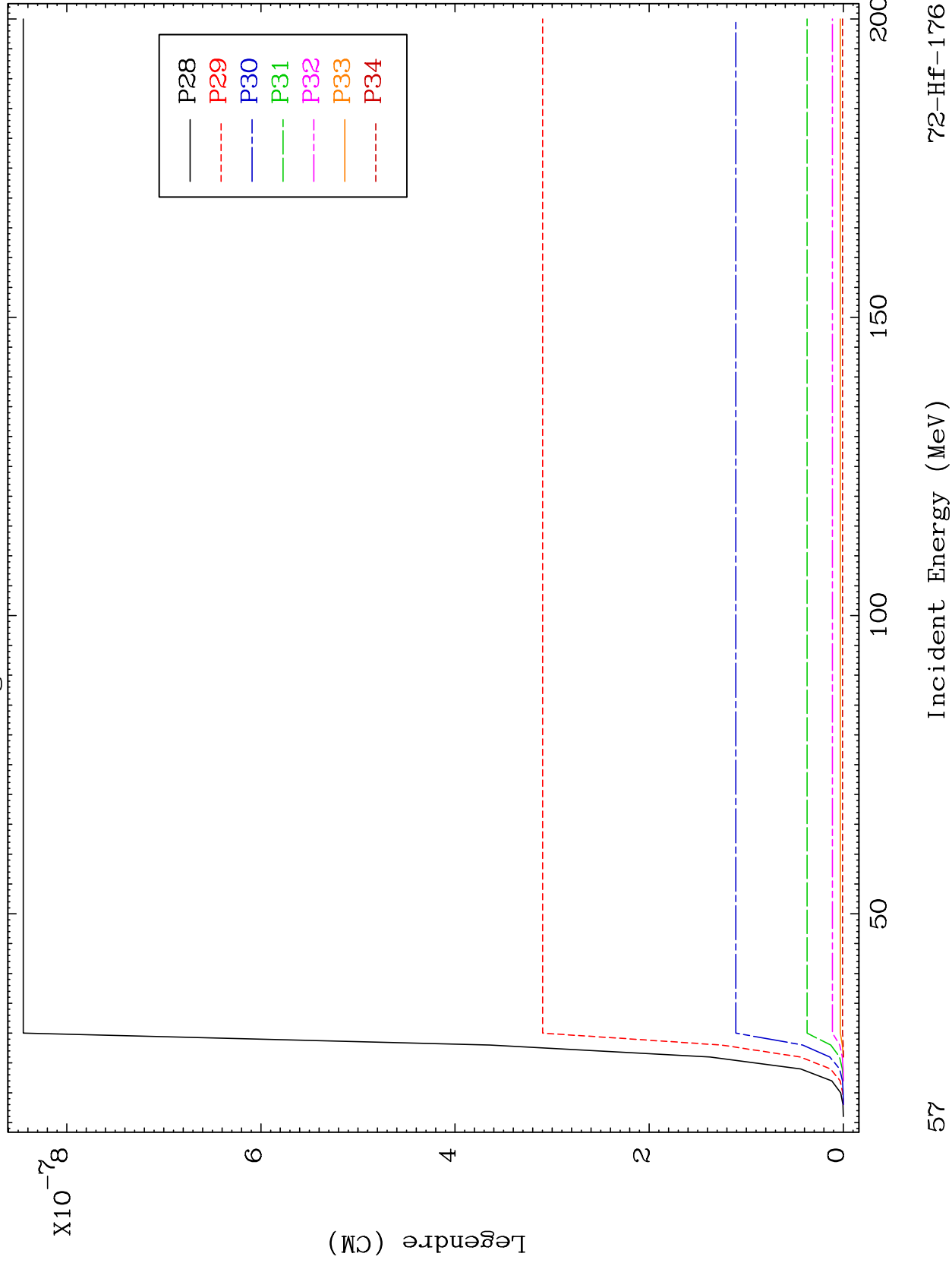
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MAT 7231

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

72-Hf-176



57

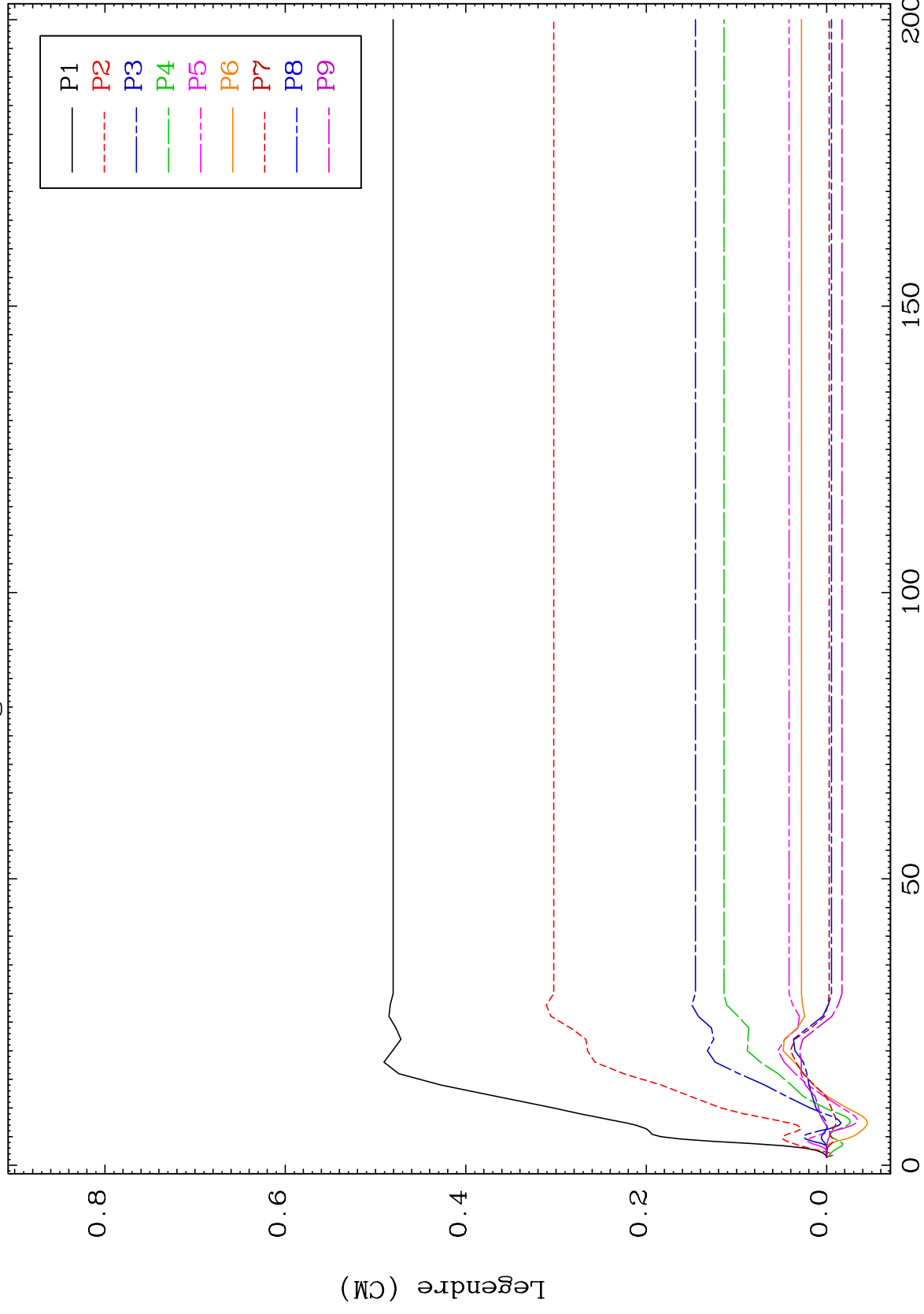
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

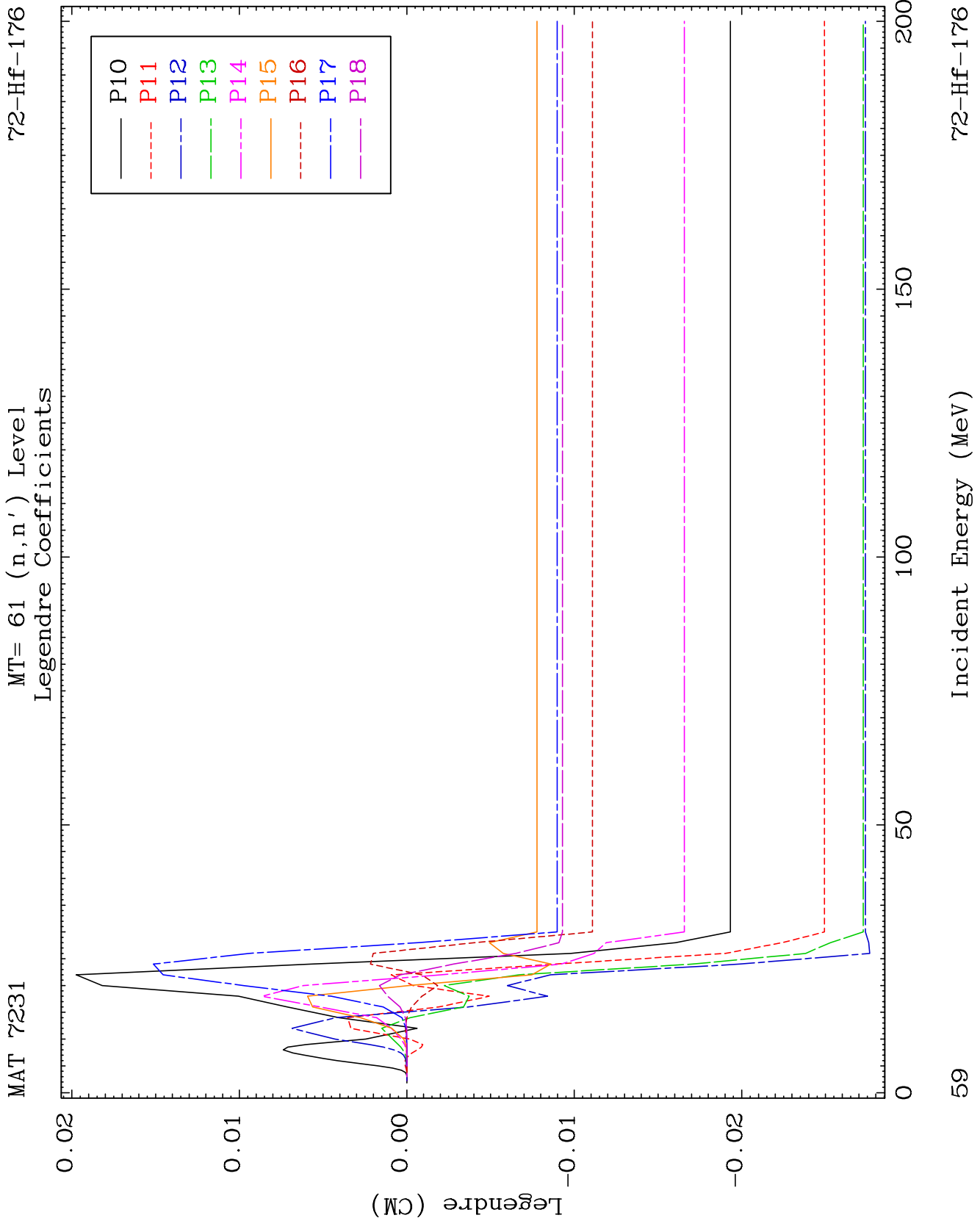
72-Hf-176



58

Incident Energy (MeV)

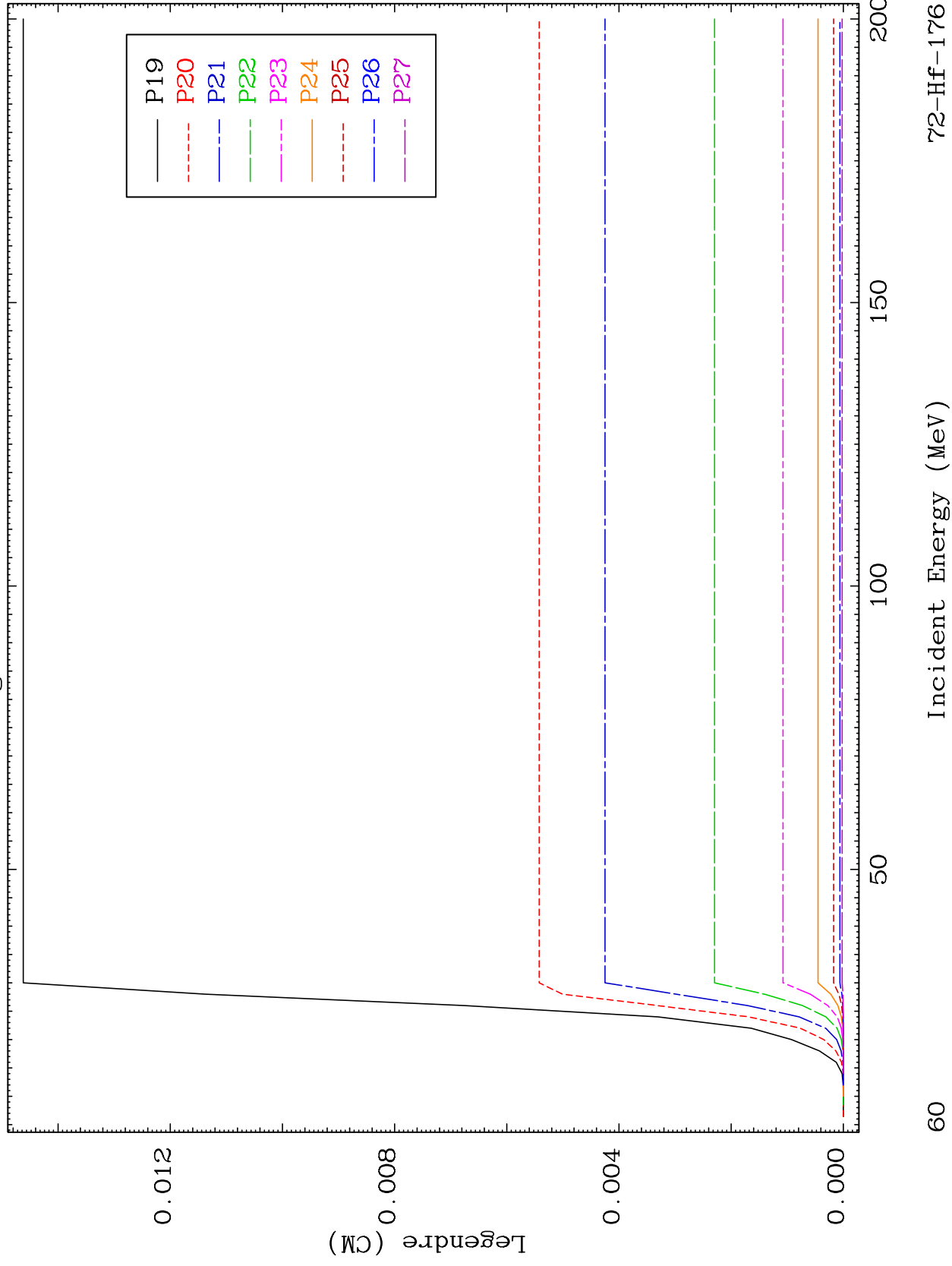
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

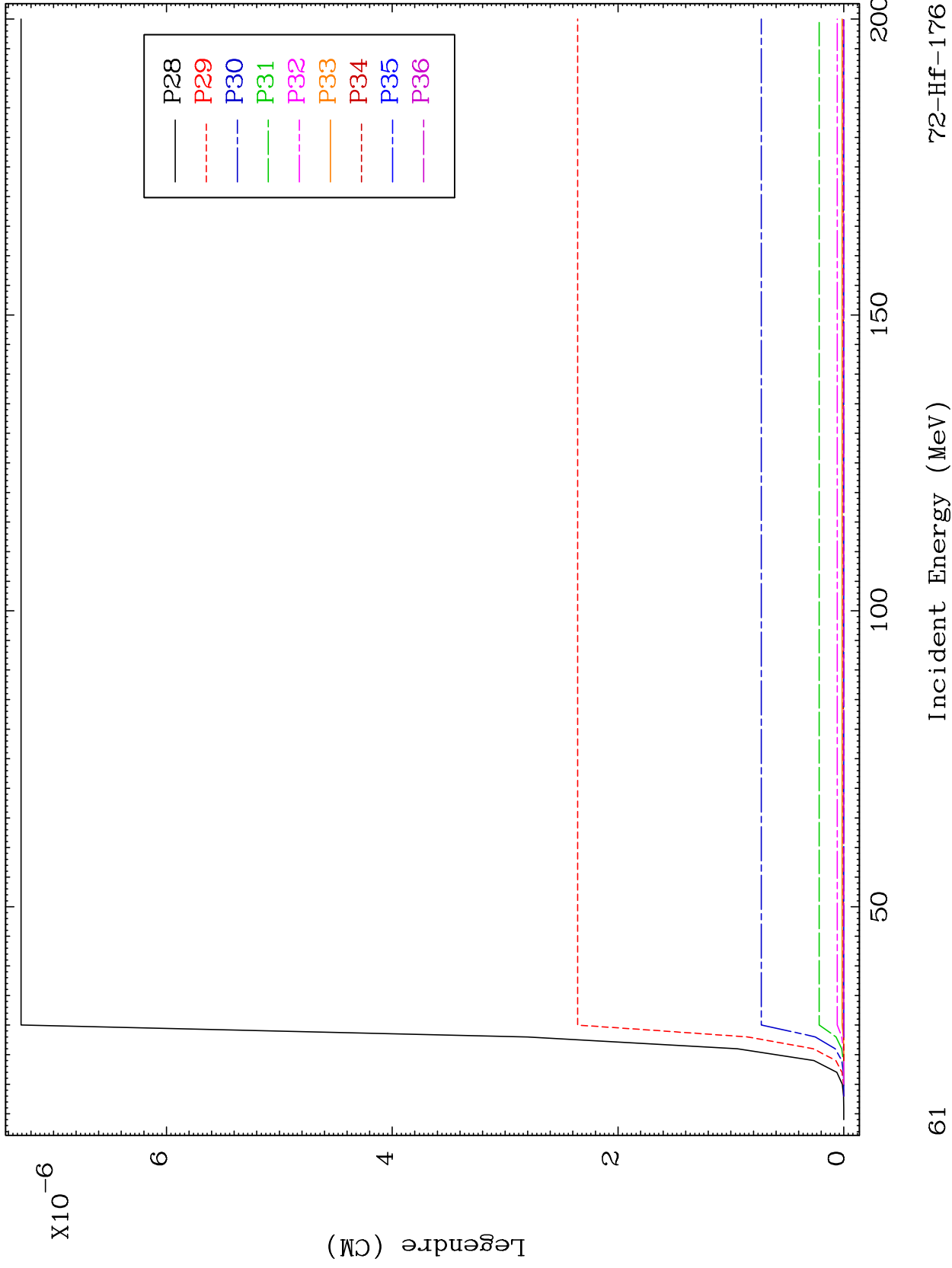
Incident Energy (MeV)

60

MAT 7231

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

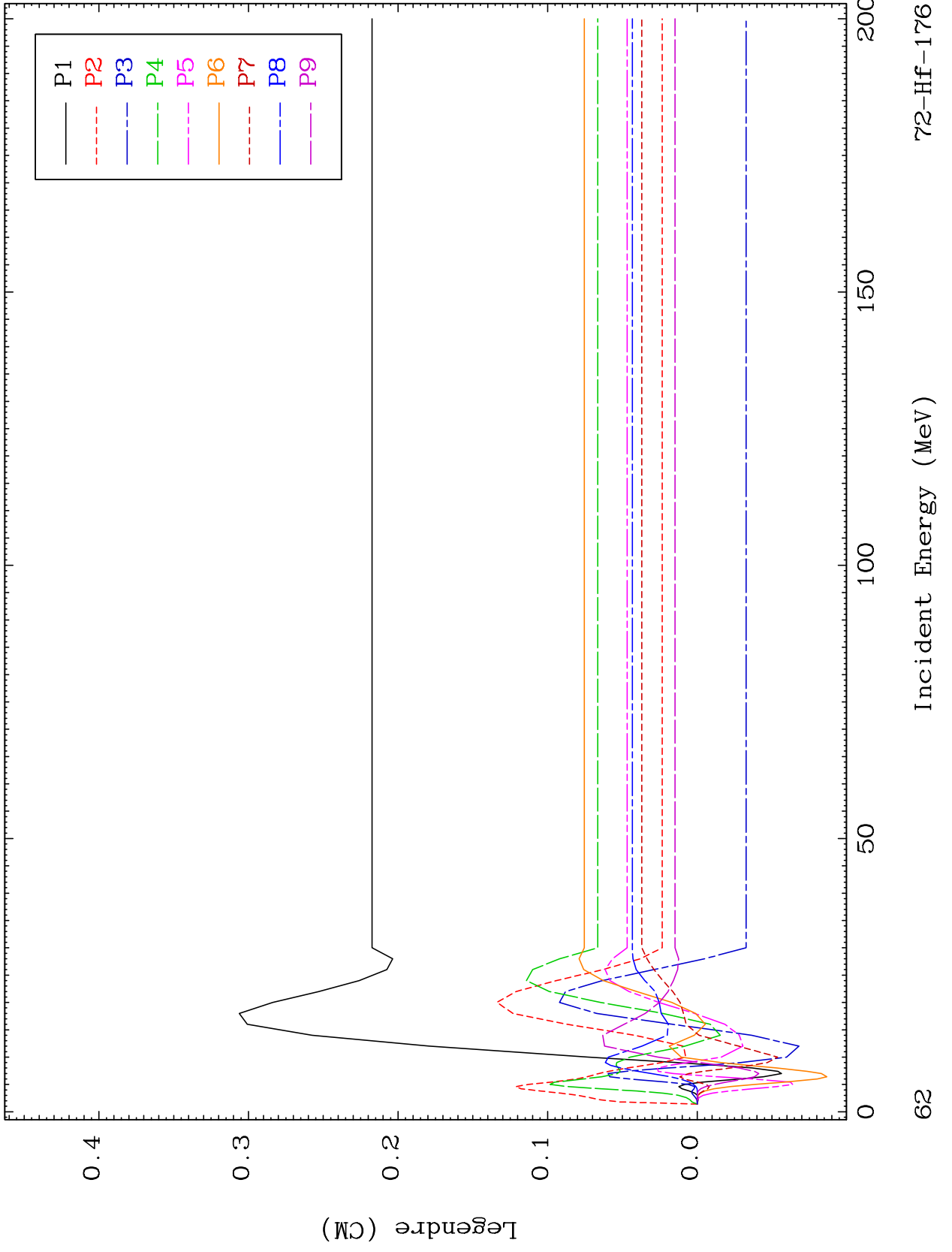
72-Hf-176



MAT 7231

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

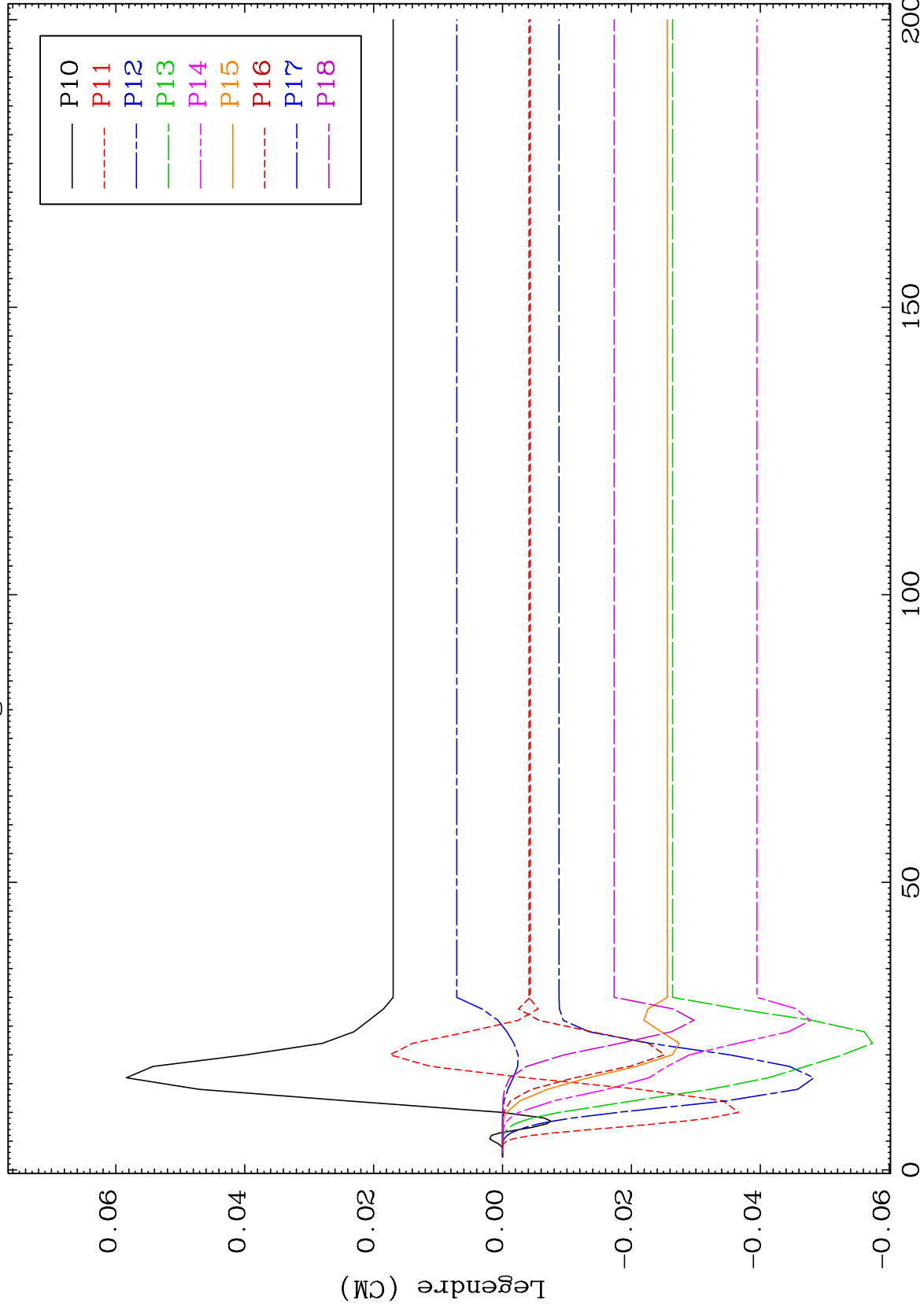
72-Hf-176



MAT 7231

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

72-Hf-176



63

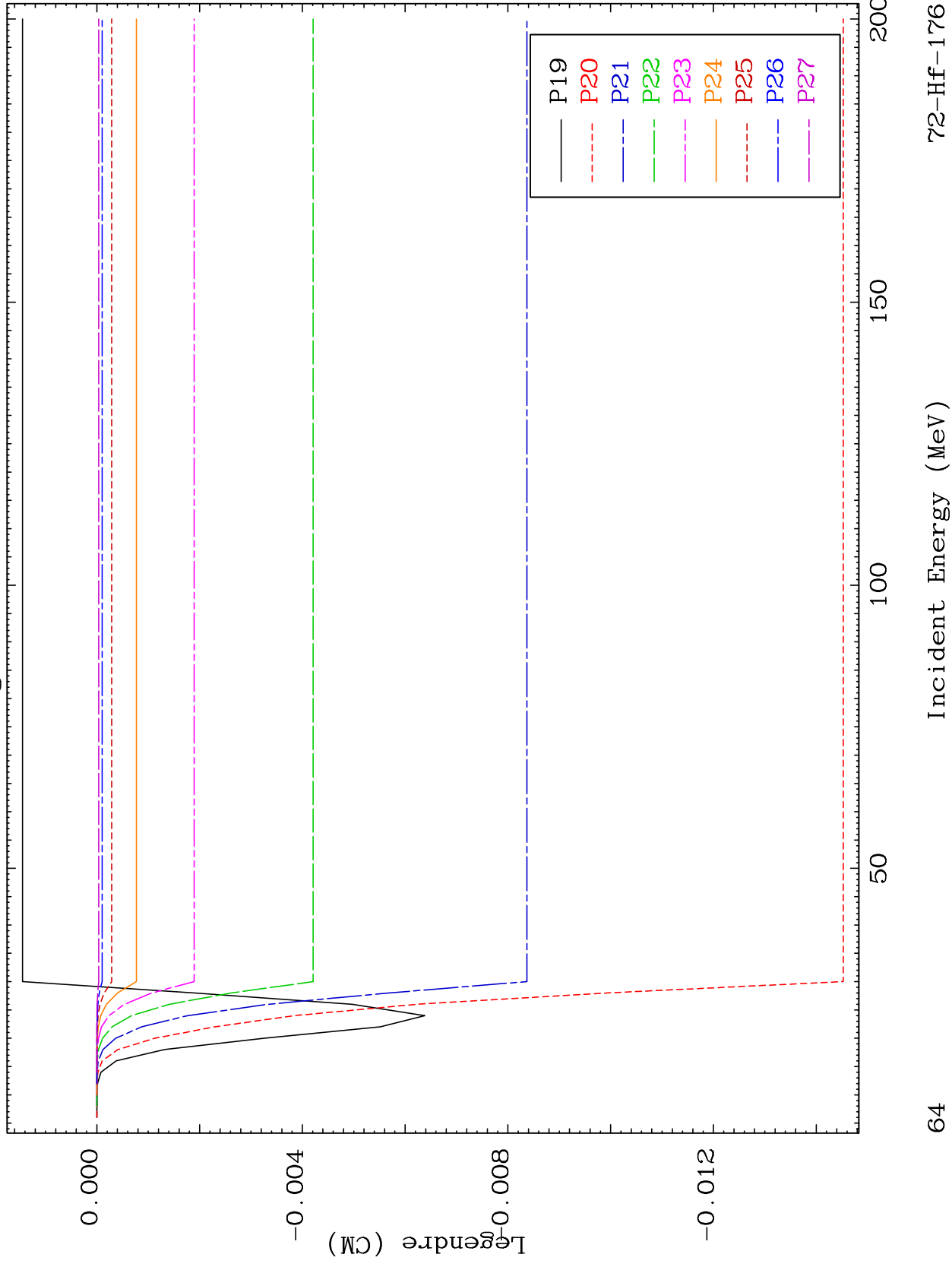
Incident Energy (MeV)

72-Hf-176

MAT 7231

72-Hf-176

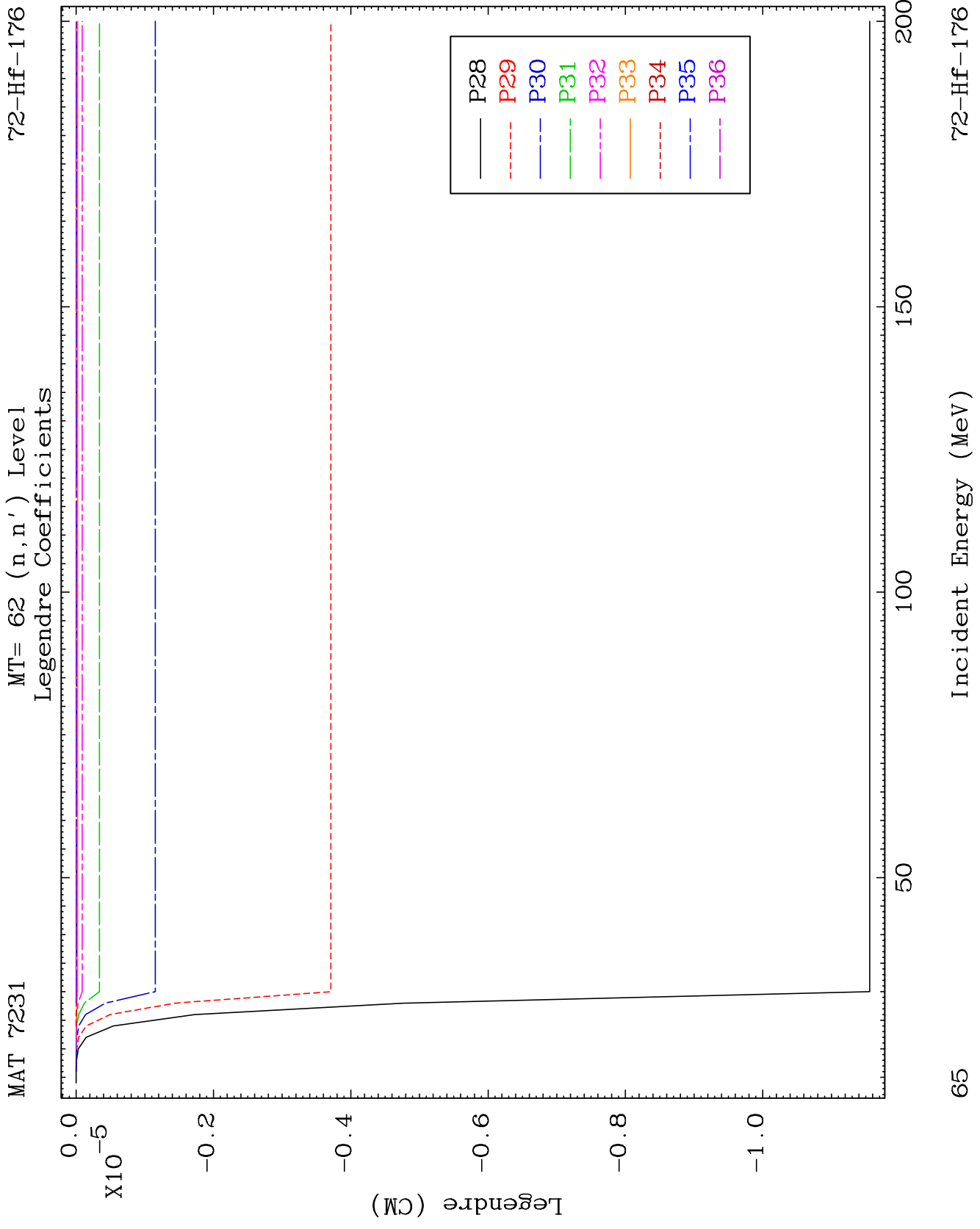
MT= 62 (n,n') Level
Legendre Coefficients



64

Incident Energy (MeV)

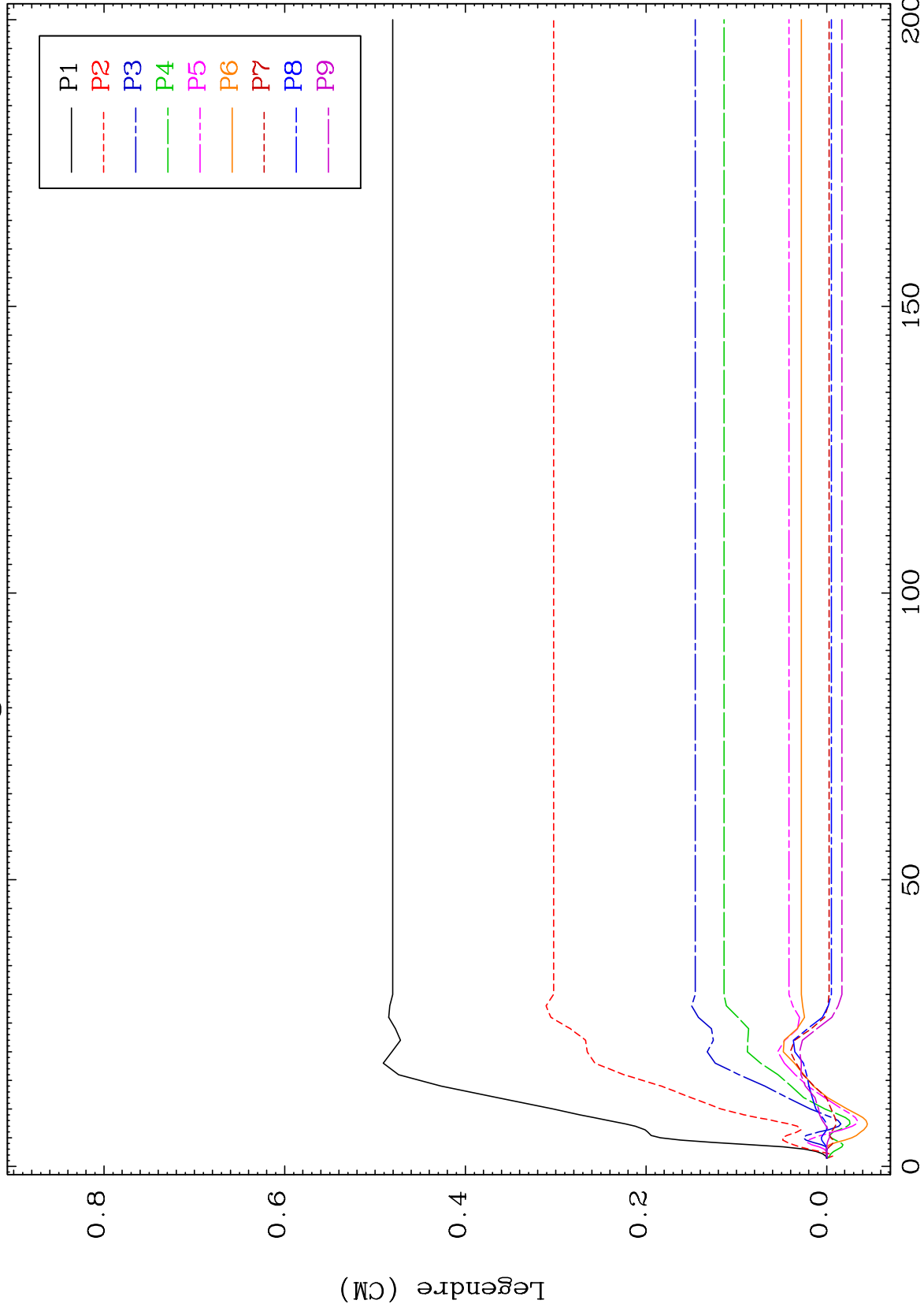
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

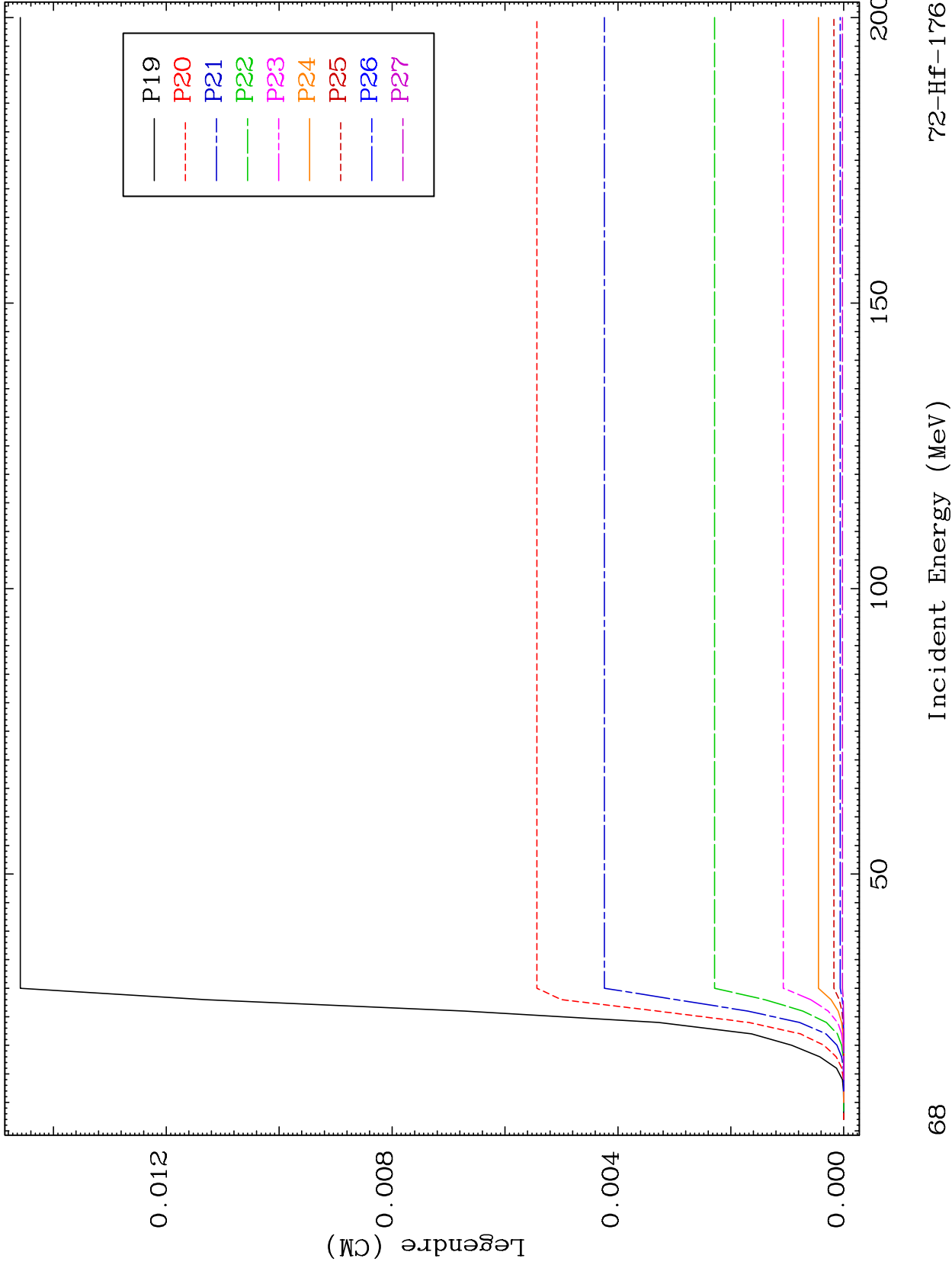
Incident Energy (MeV)

66

MAT 7231

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

72-Hf-176



68

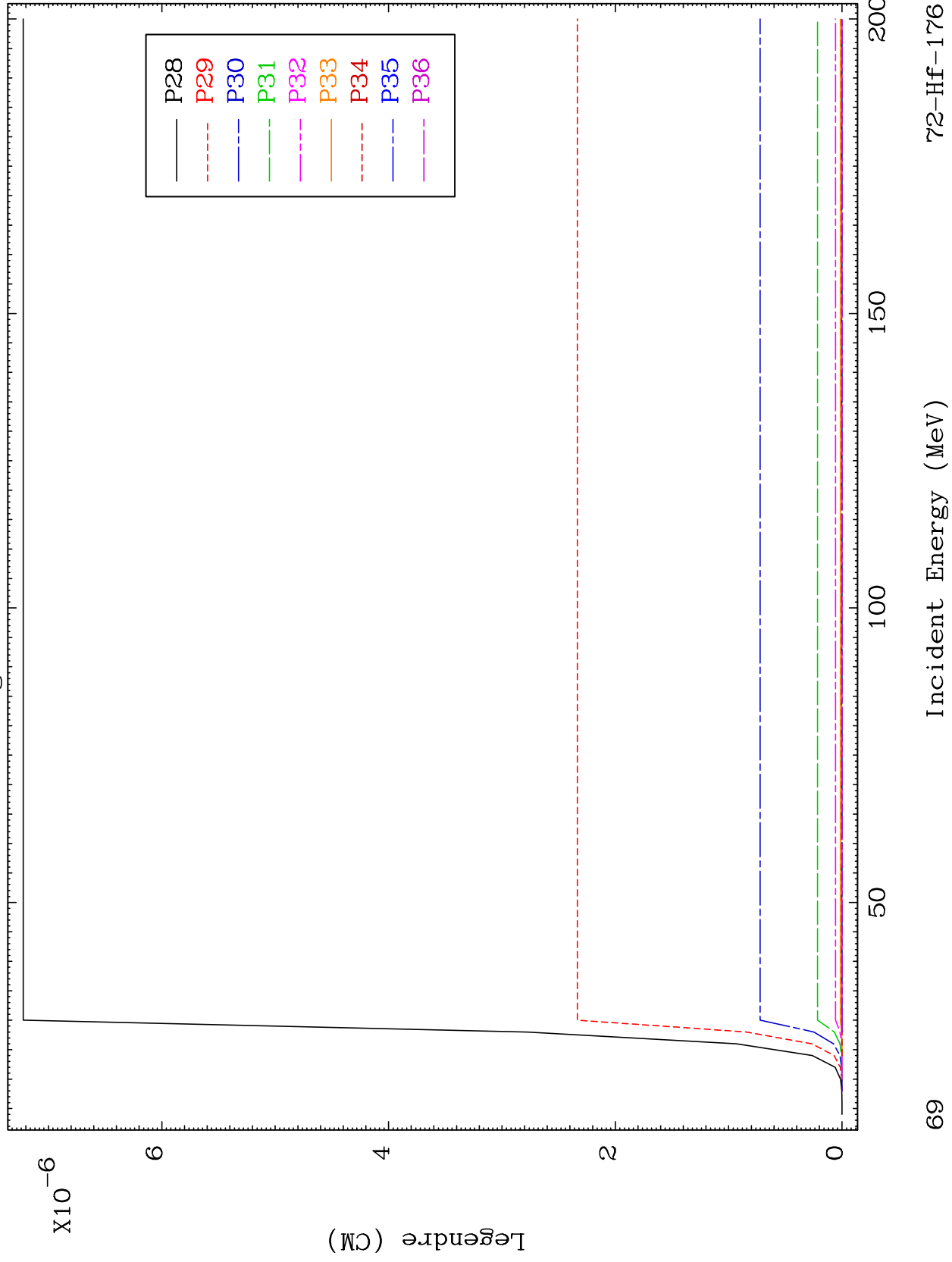
Incident Energy (MeV)

72-Hf-176

MAT 7231

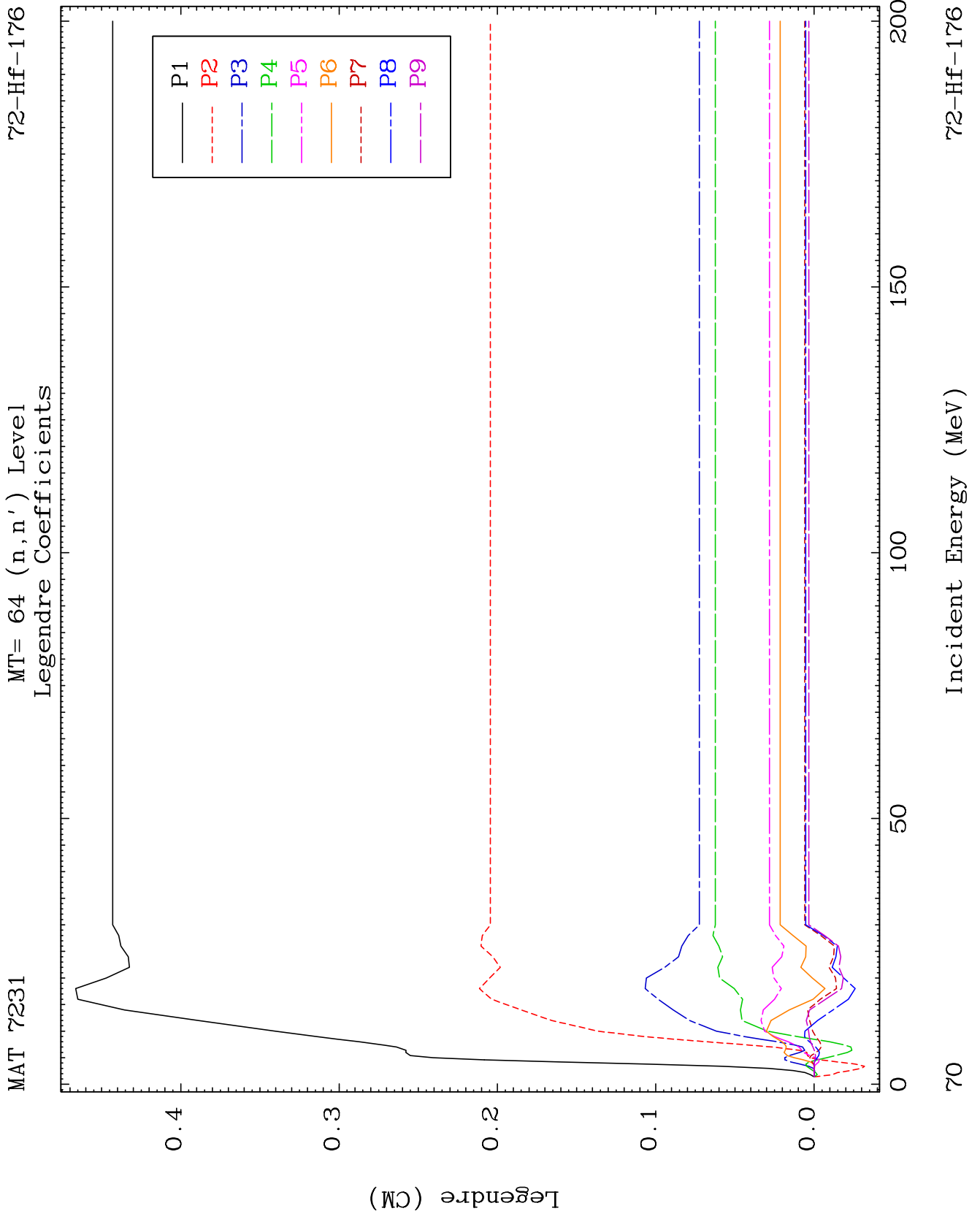
MT= 63 (n,n') Level
Legendre Coefficients

72-Hf-176



69

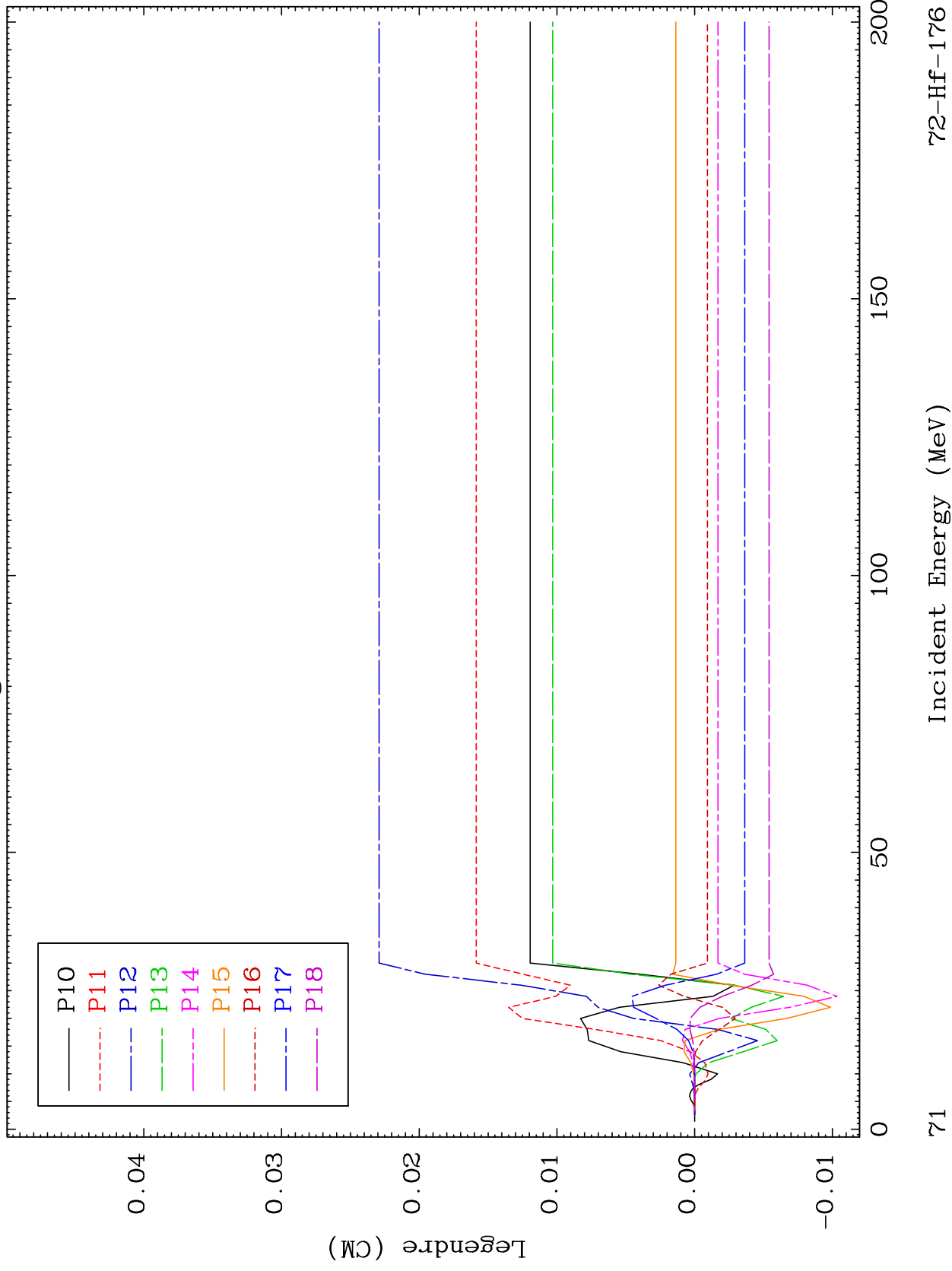
72-Hf-176



MAT 7231

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

72-Hf-176



71

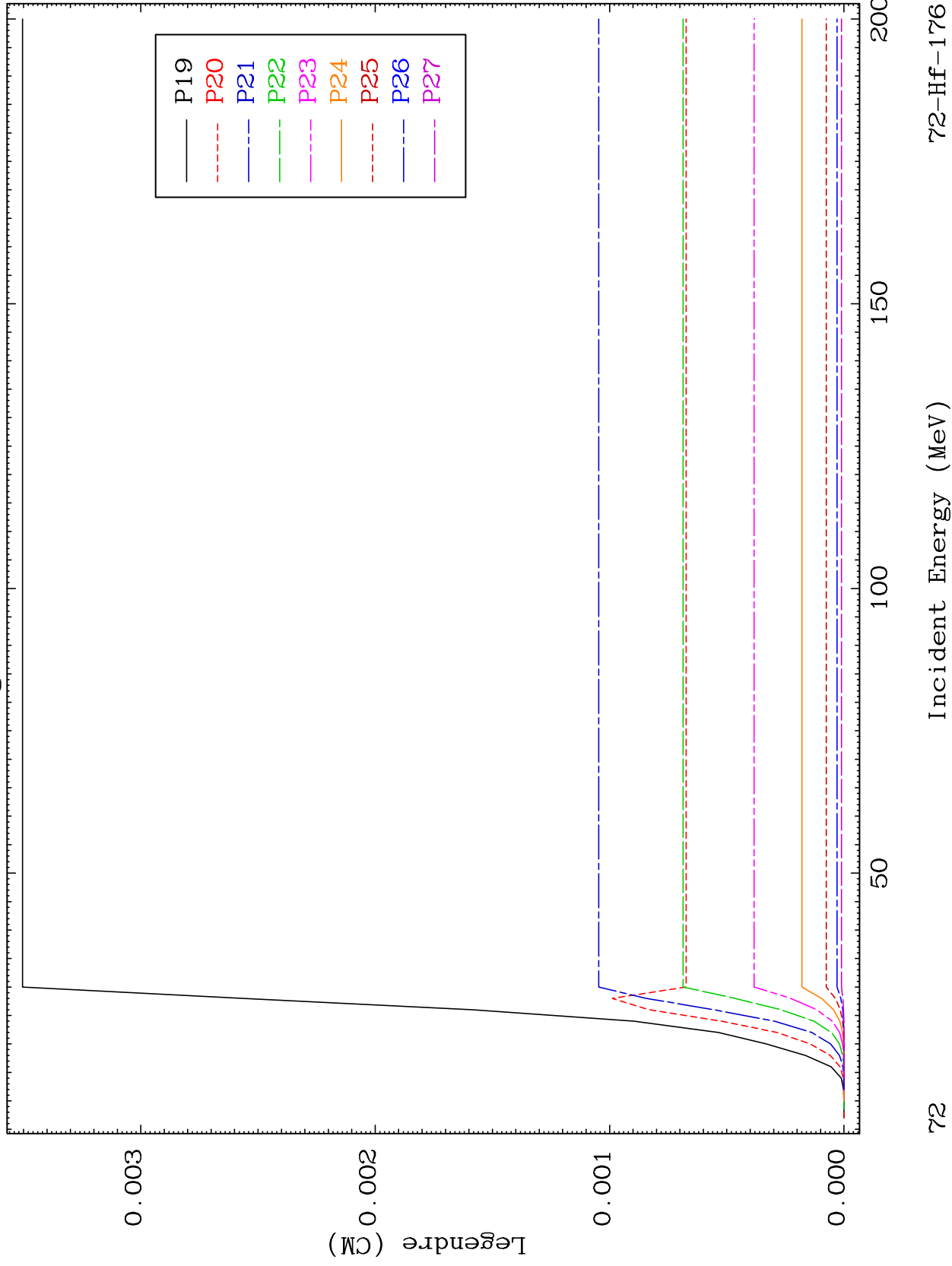
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



72

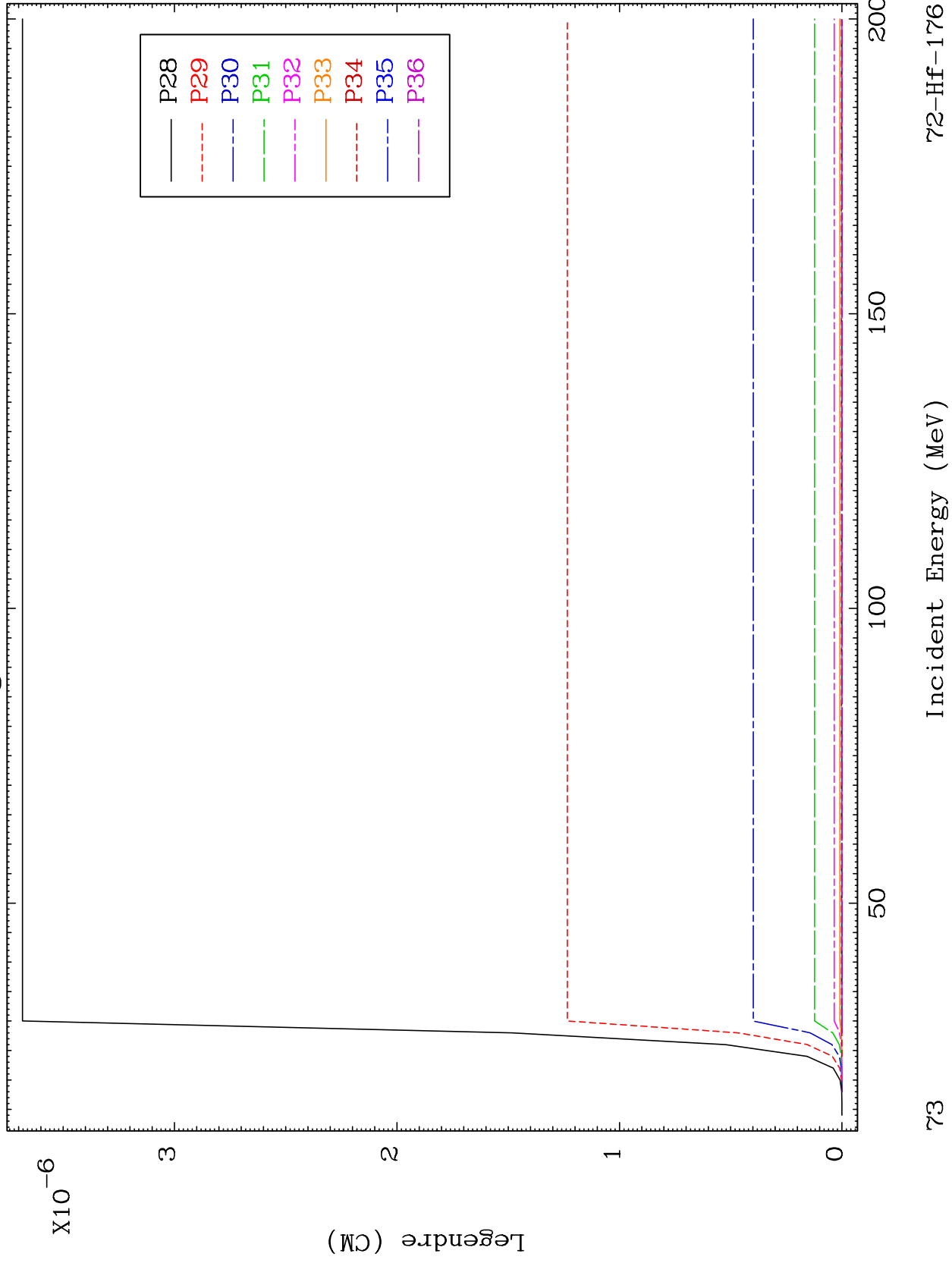
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

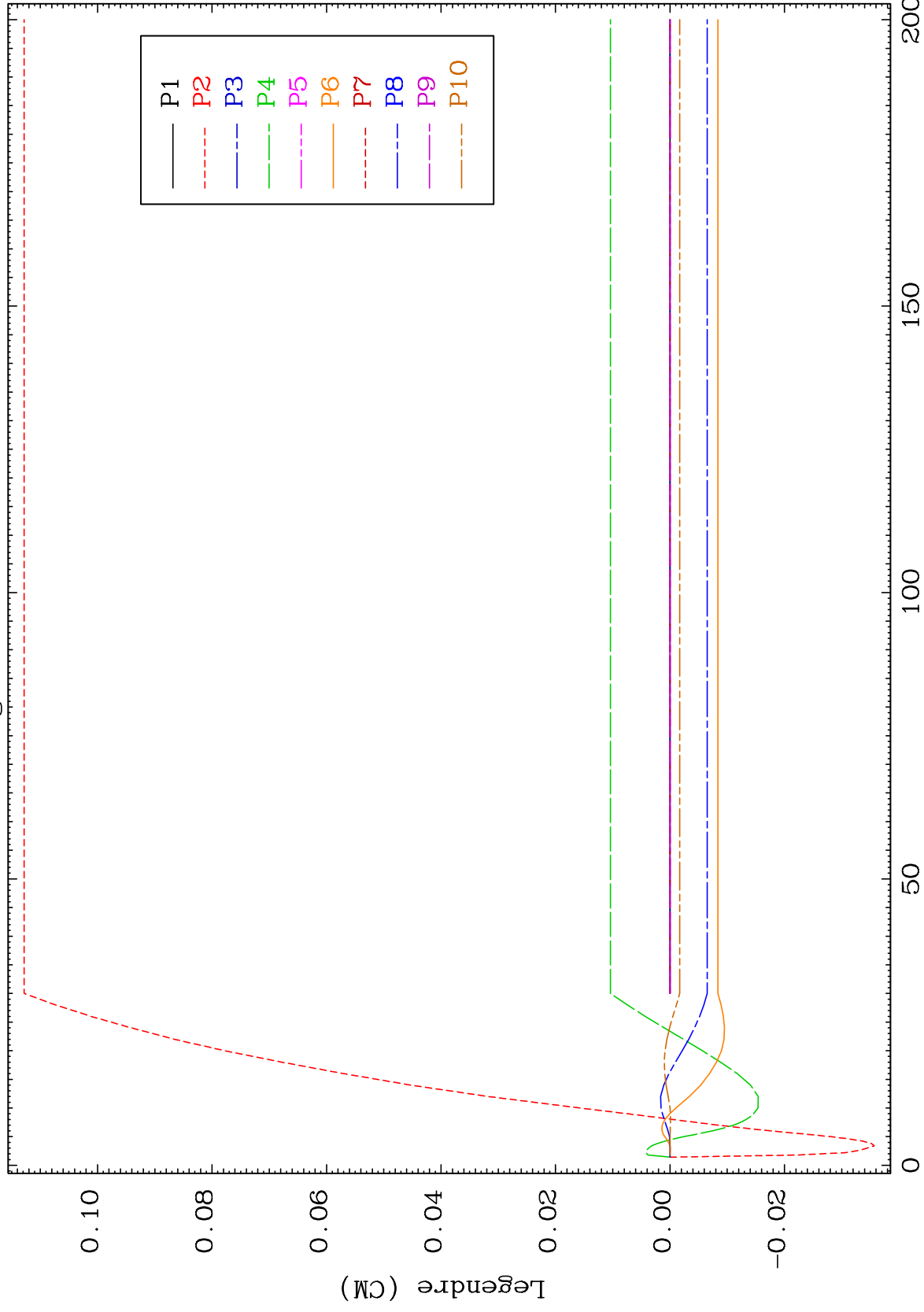
72-Hf-176



MAT 7231

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

72-Hf-176



74

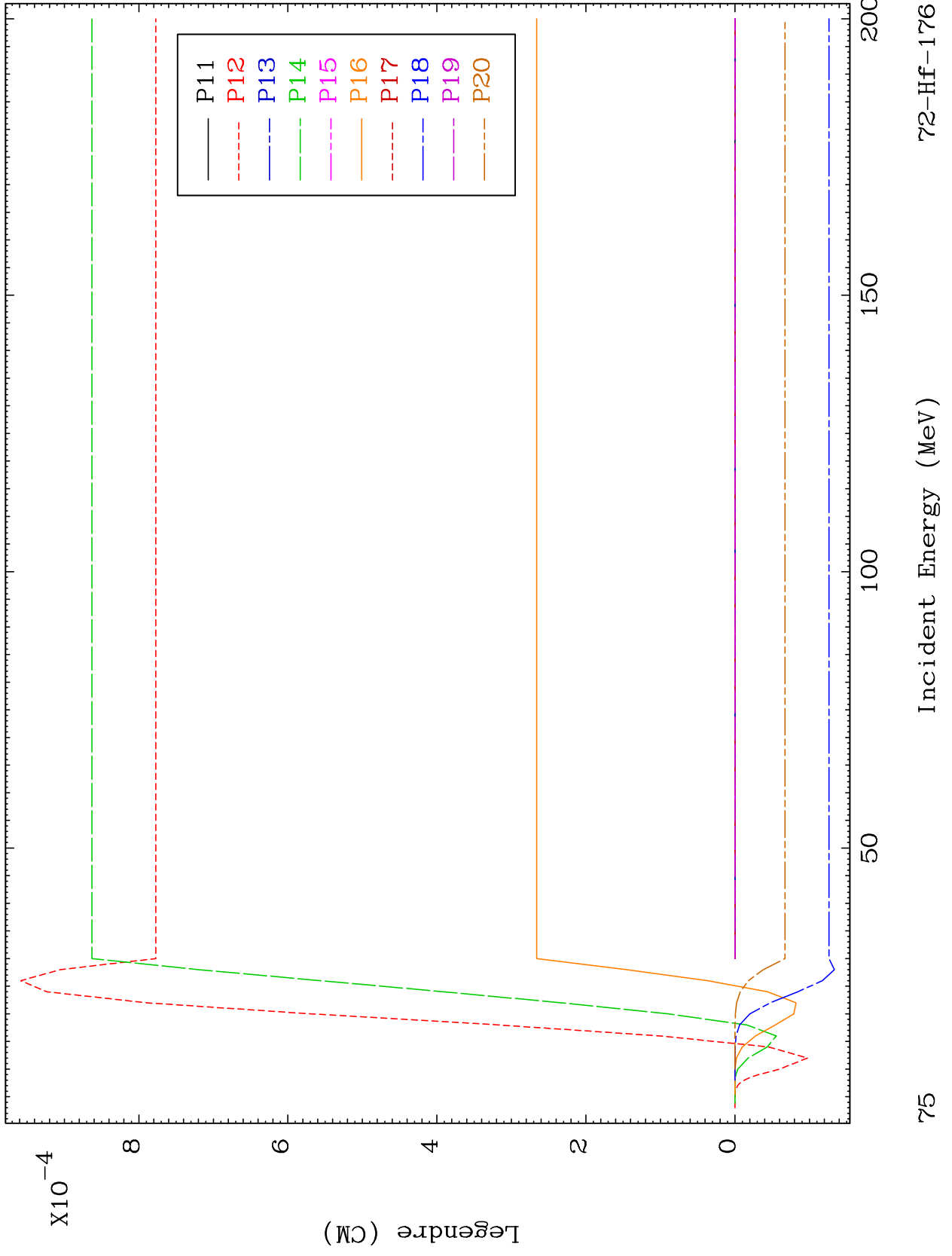
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

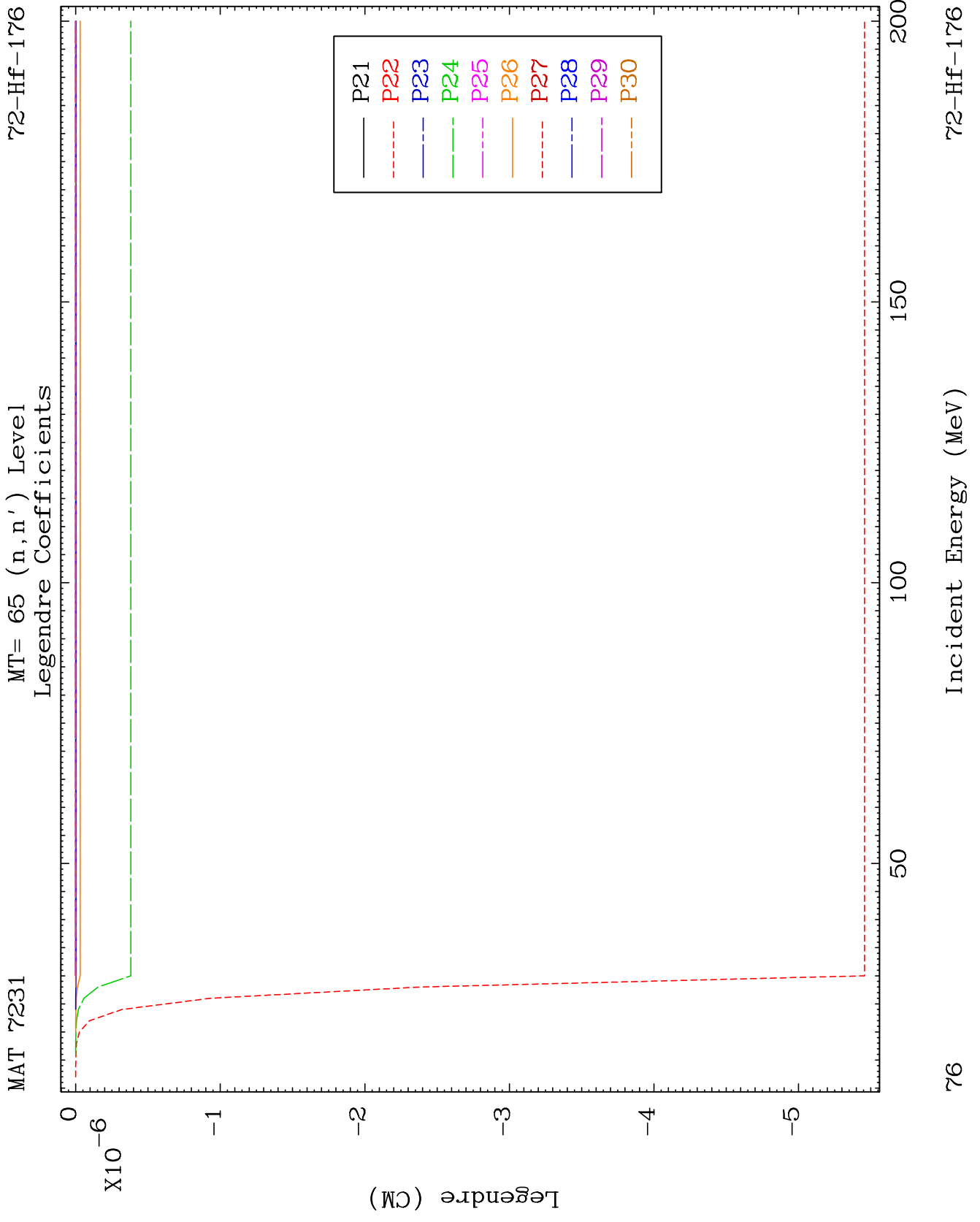
72-Hf-176



75

Incident Energy (MeV)

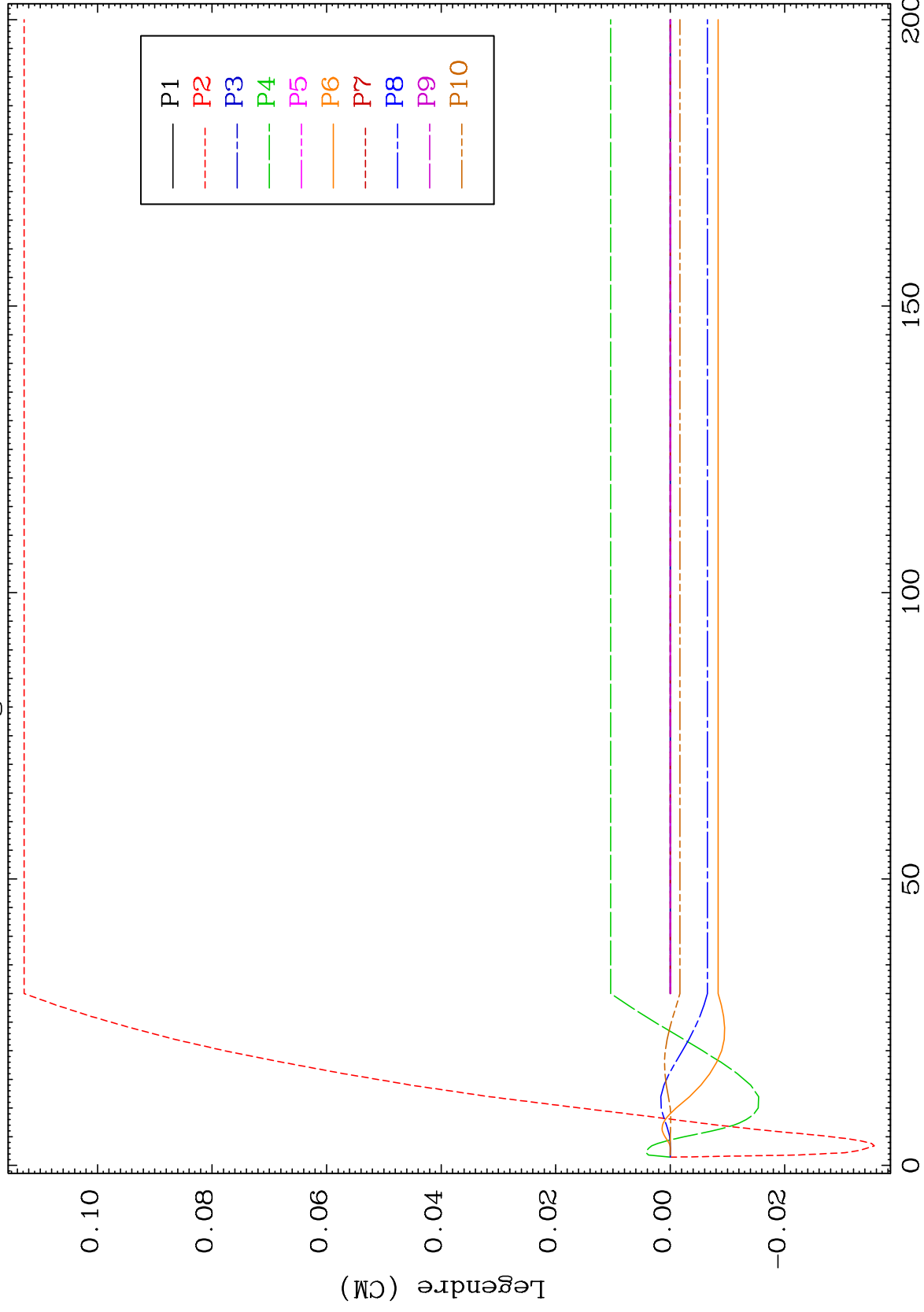
72-Hf-176



MAT 7231

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

72-Hf-176



77

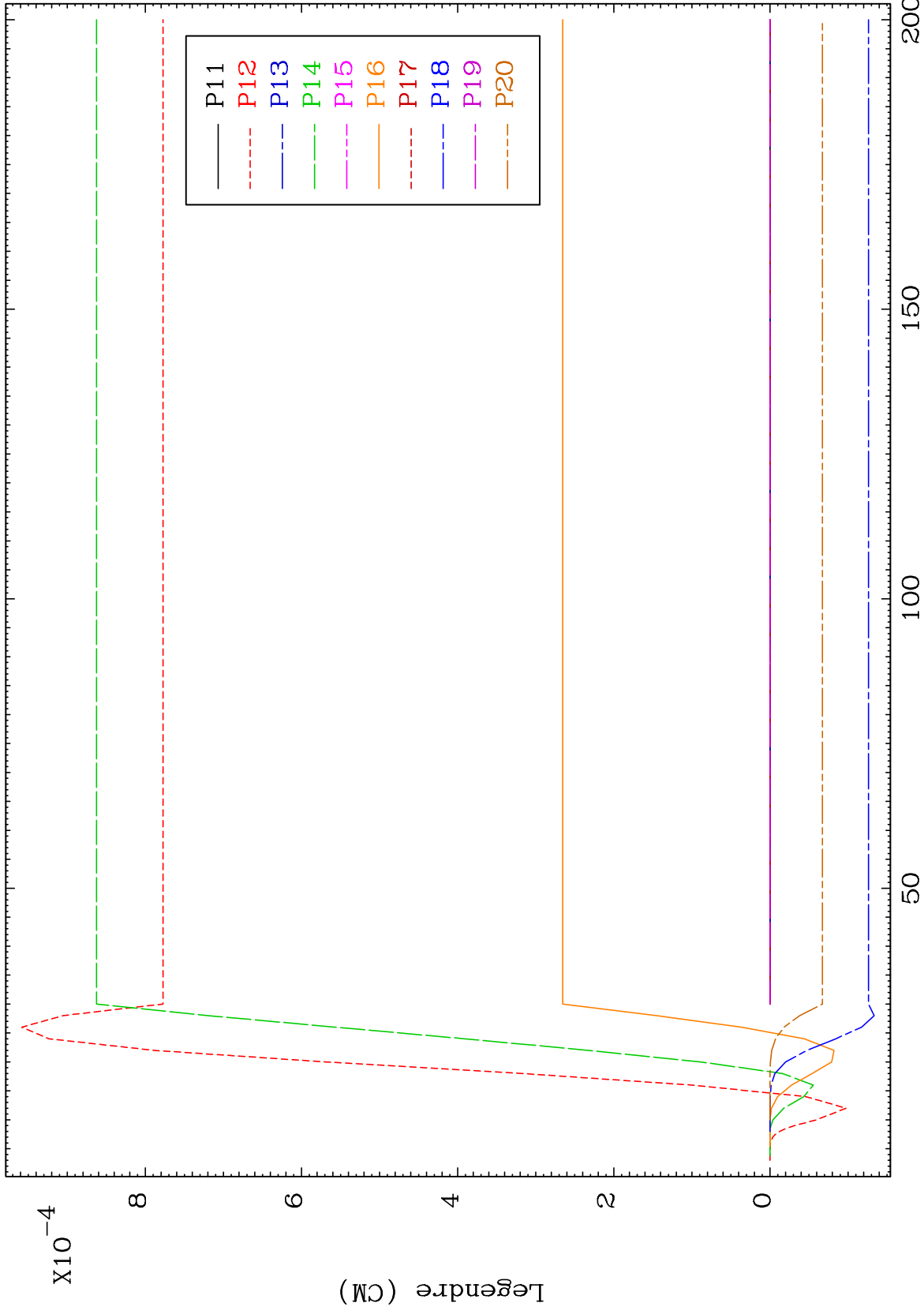
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

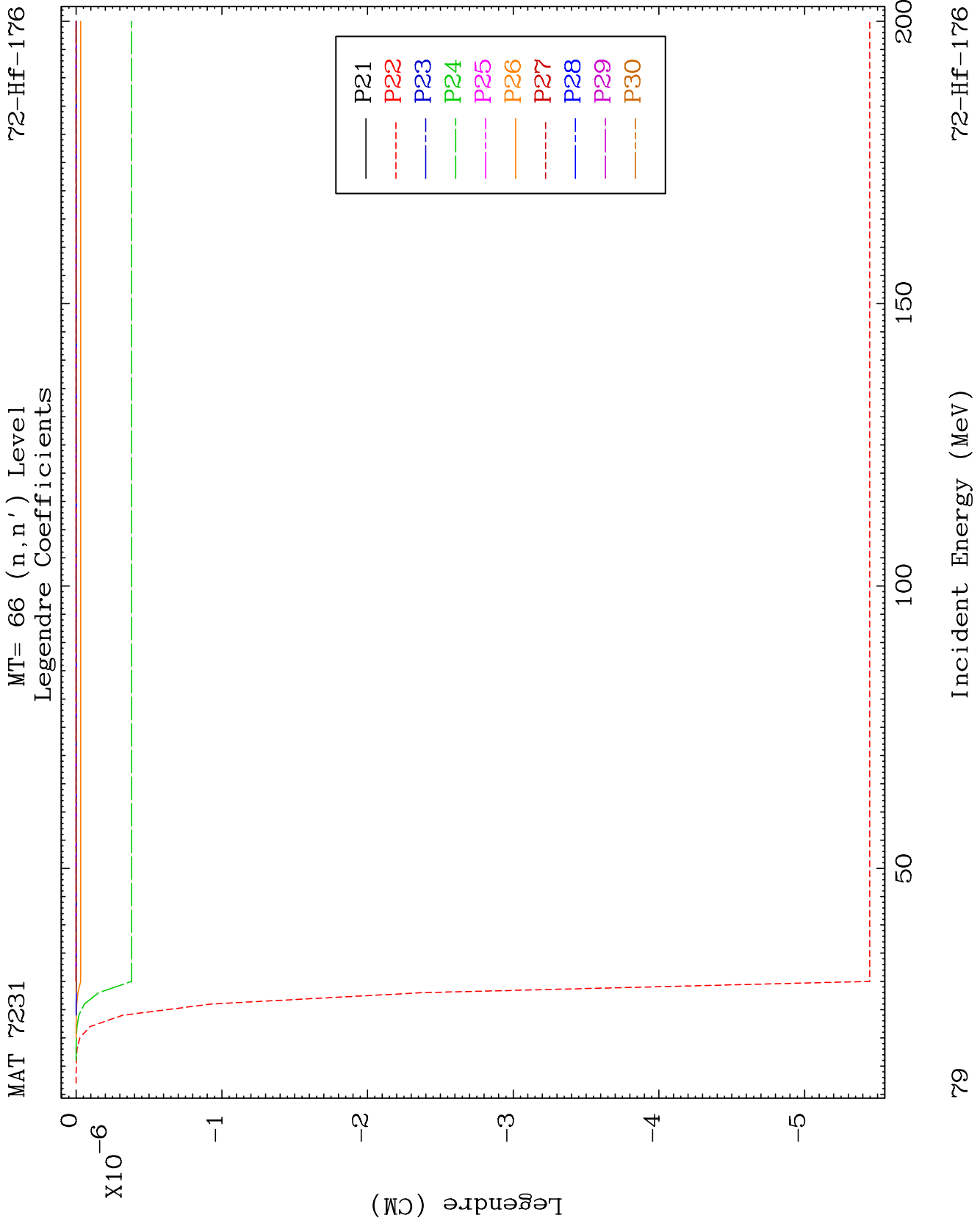
72-Hf-176



78

Incident Energy (MeV)

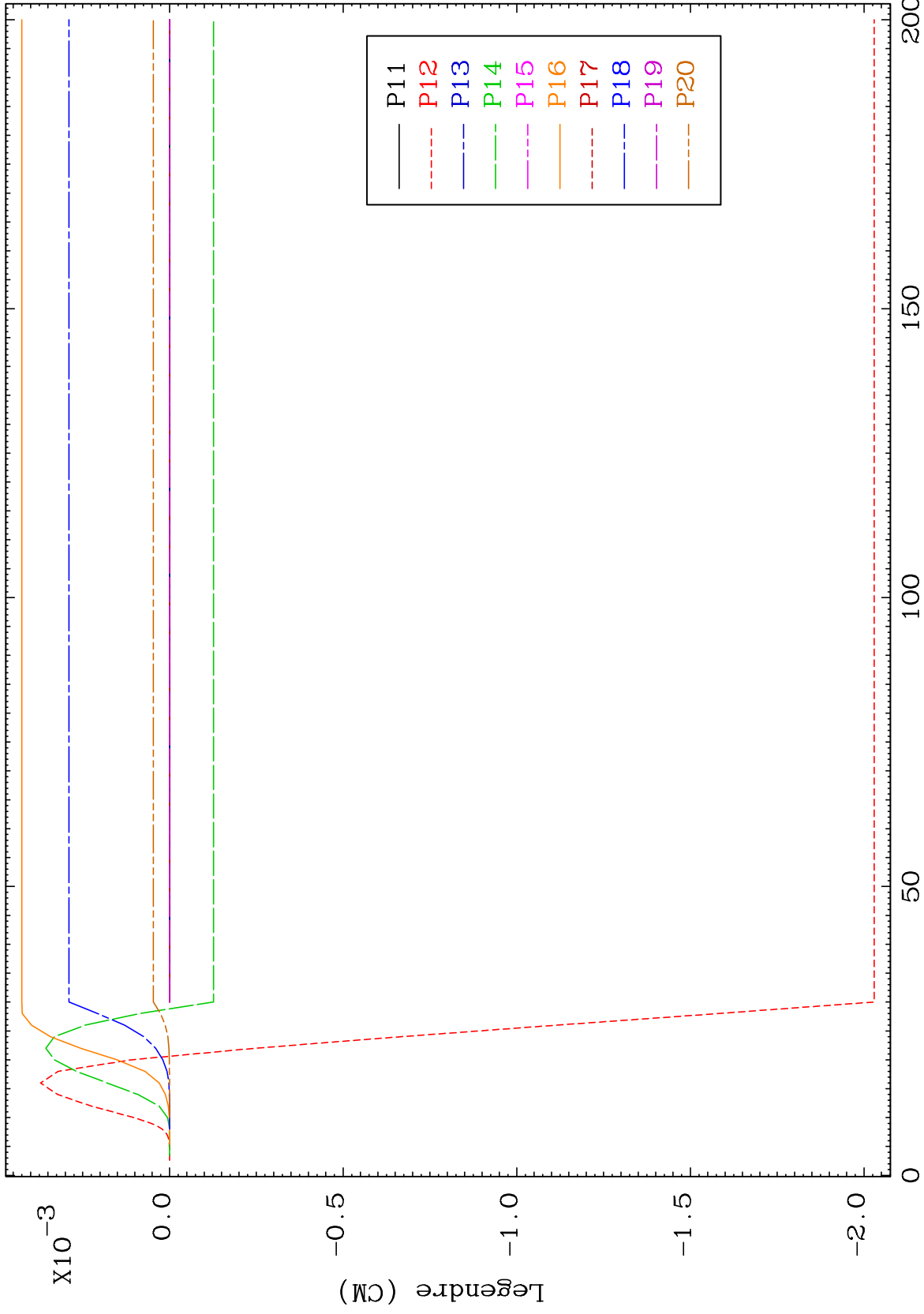
72-Hf-176



MAT 7231

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

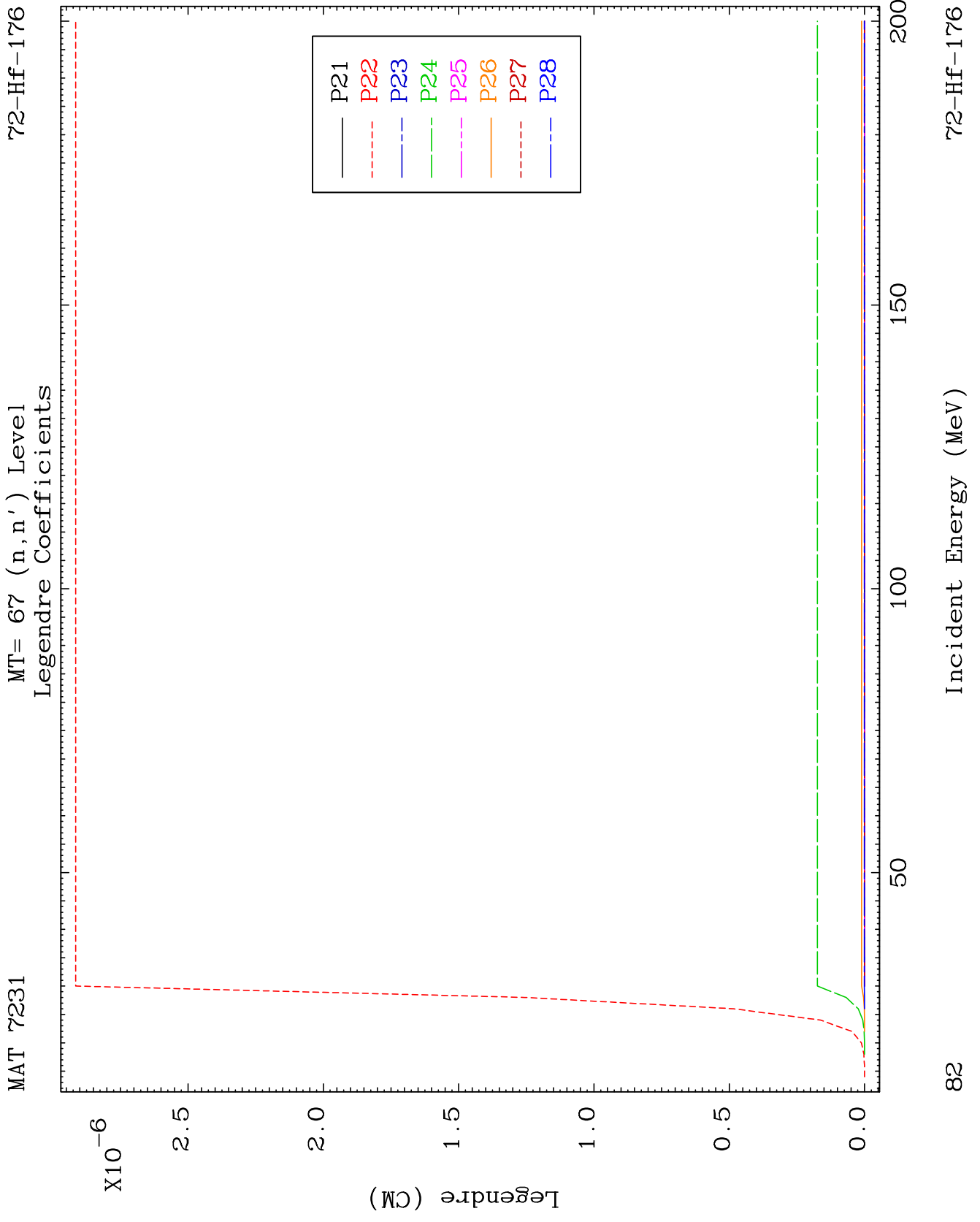
72-Hf-176



81

Incident Energy (MeV)

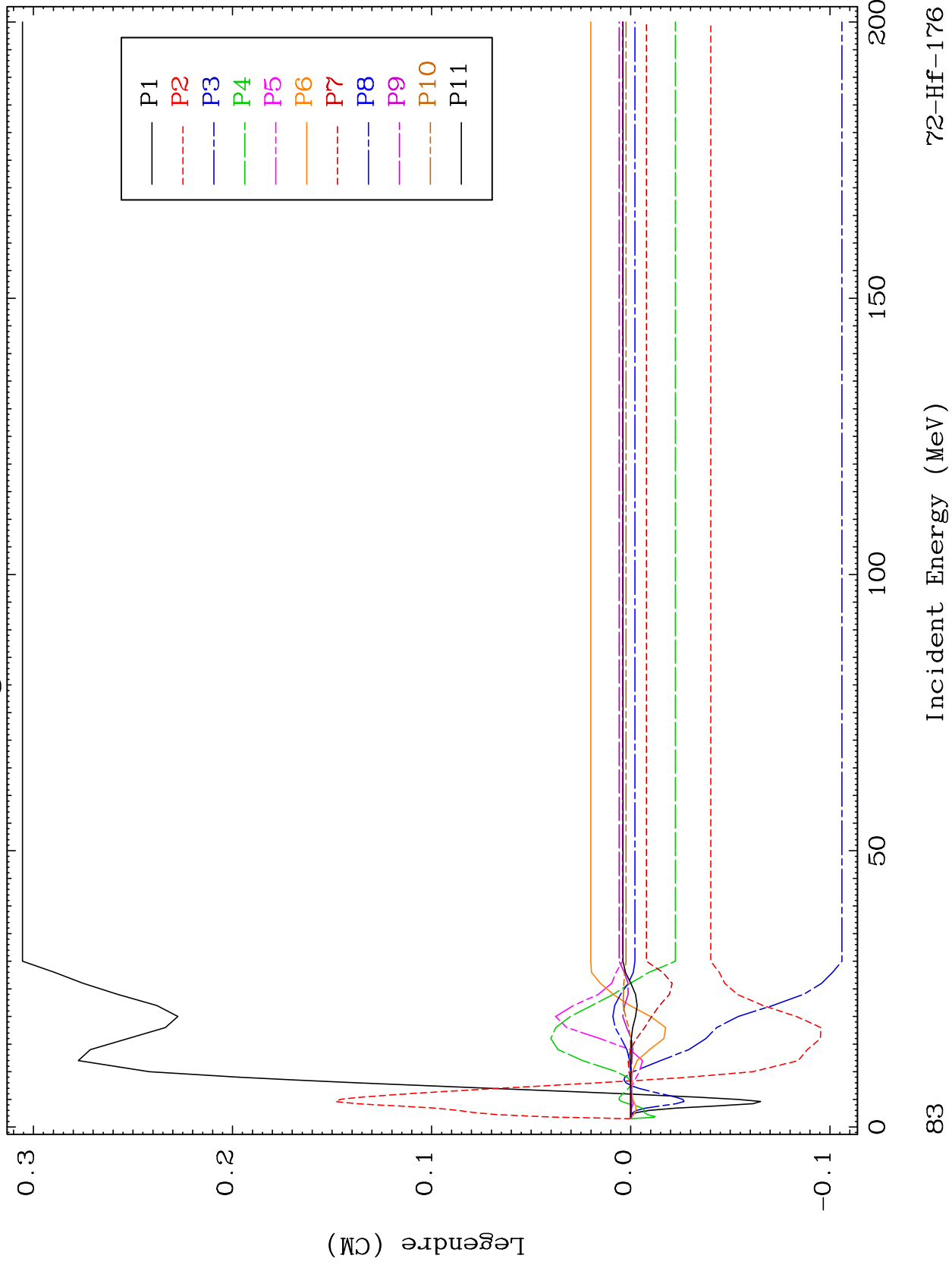
72-Hf-176

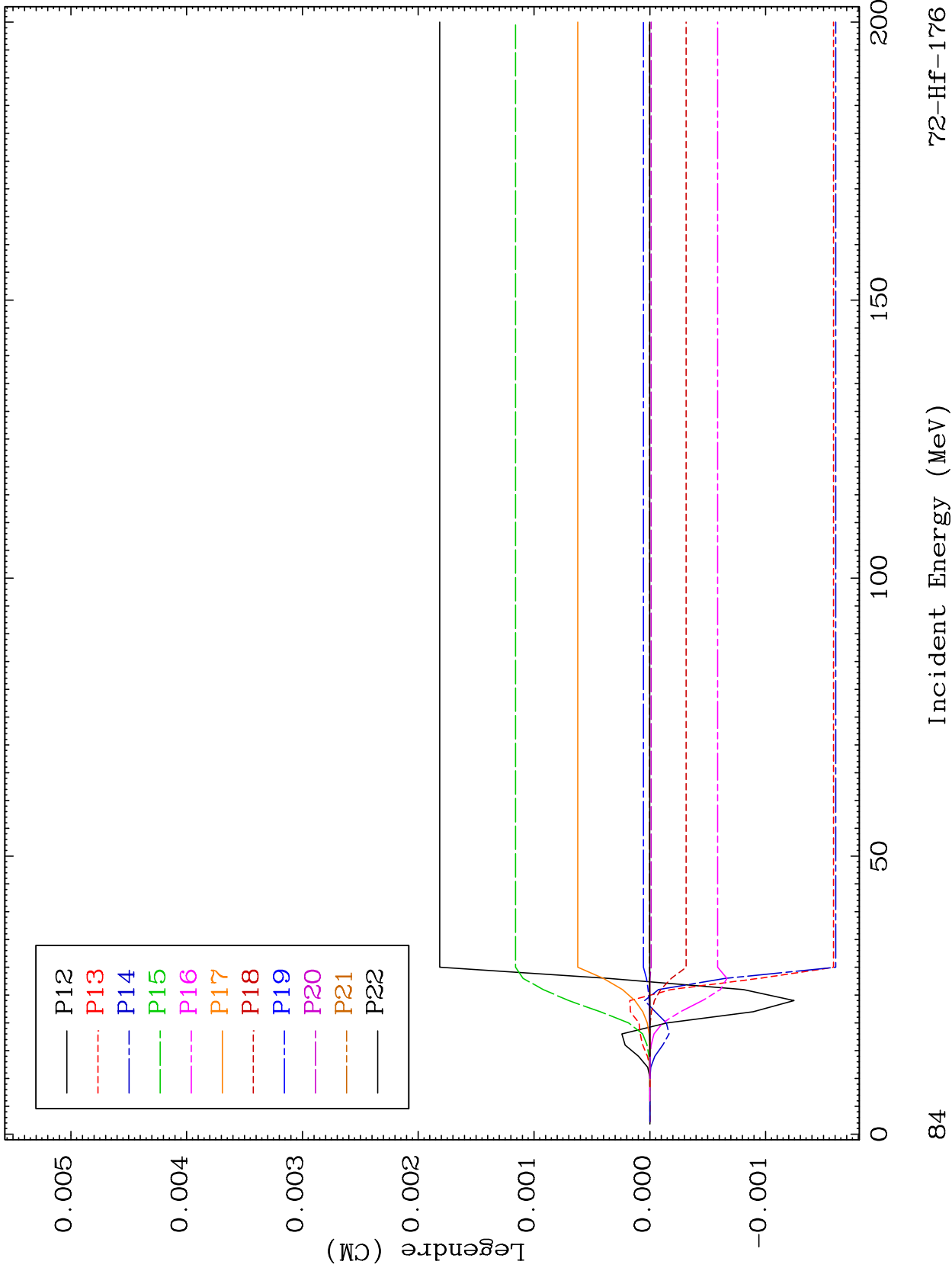


MAT 7231

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

72-Hf-176

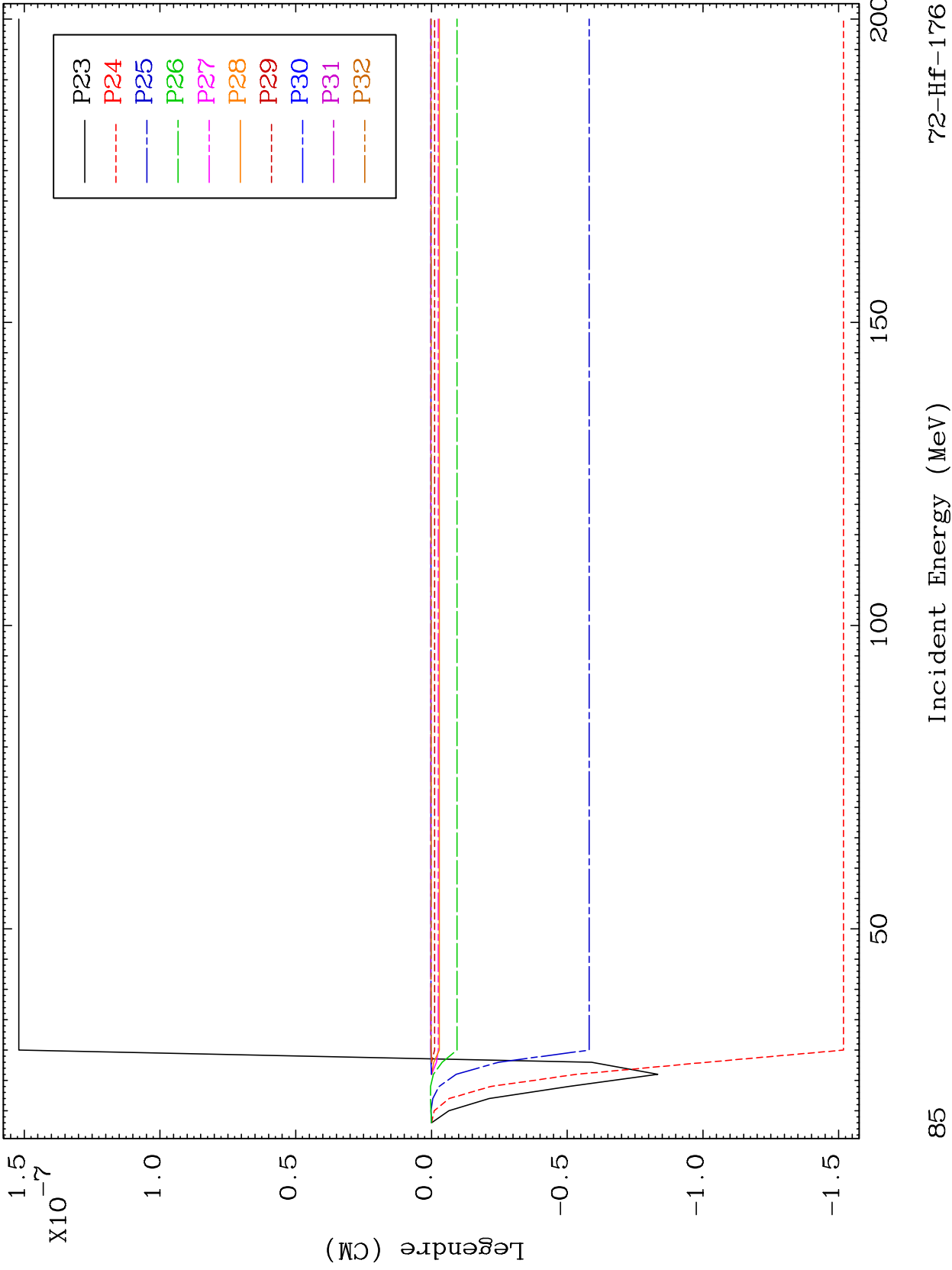




MAT 7231

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

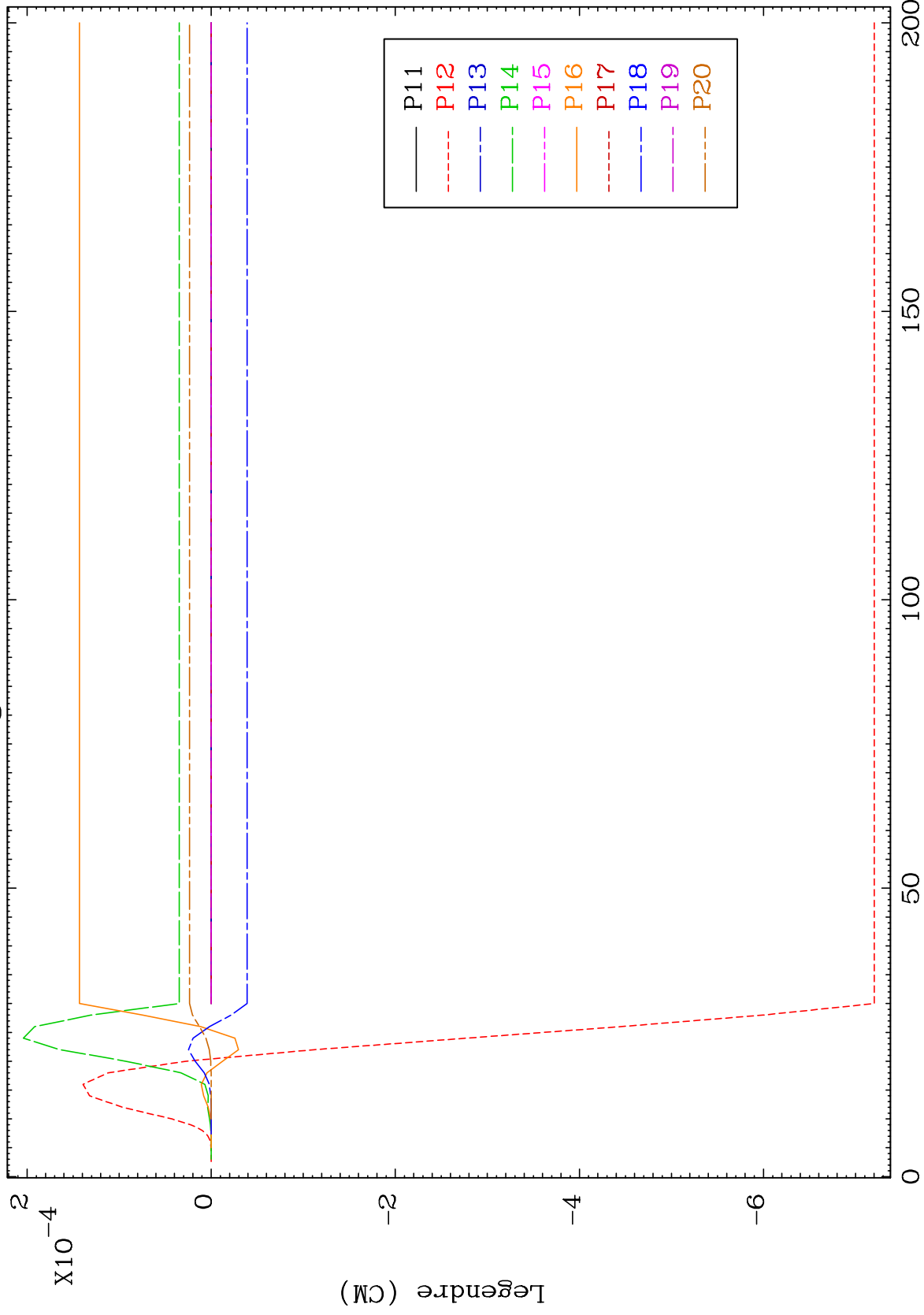
72-Hf-176



MAT 7231

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

72-Hf-176



87

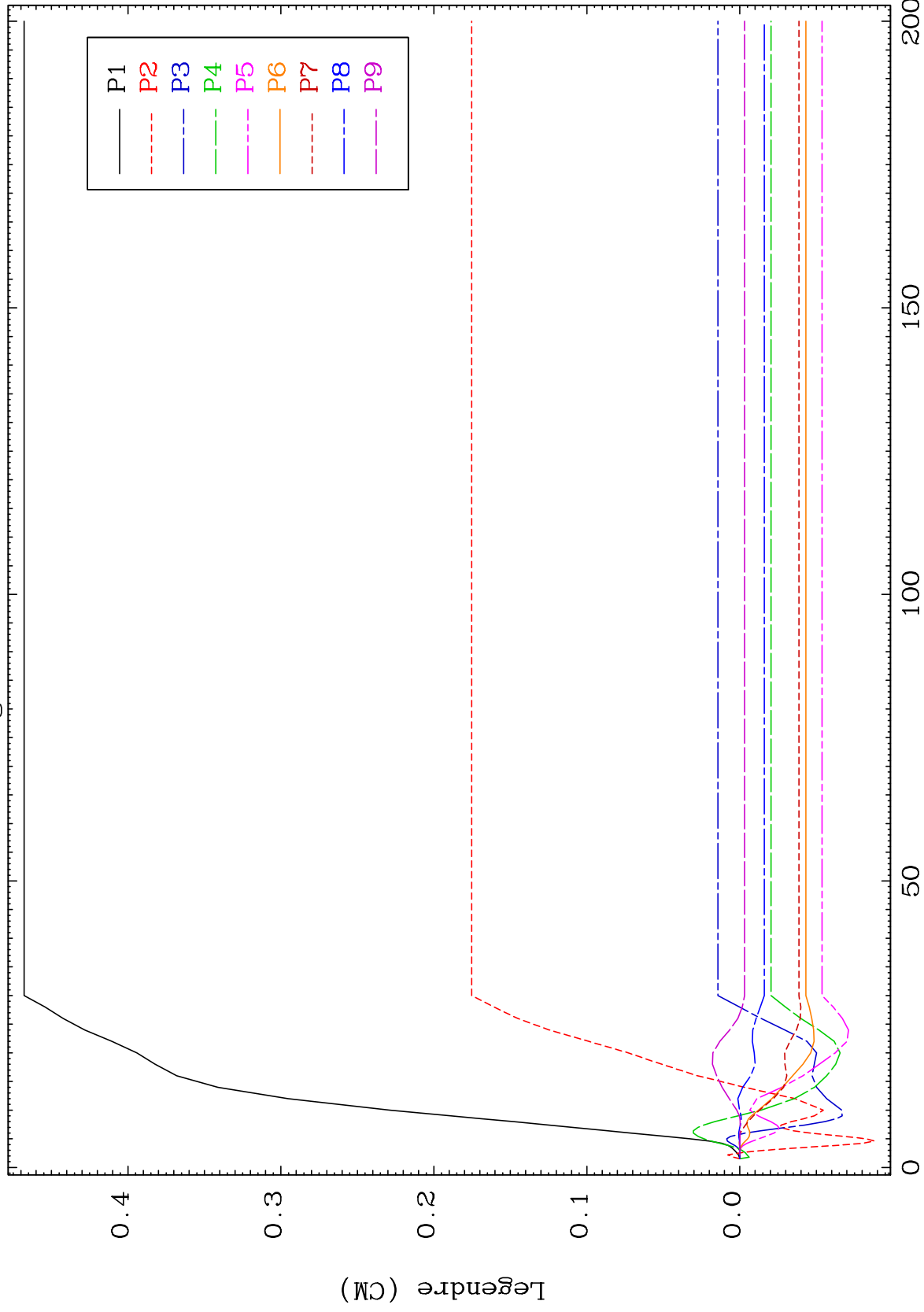
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



89

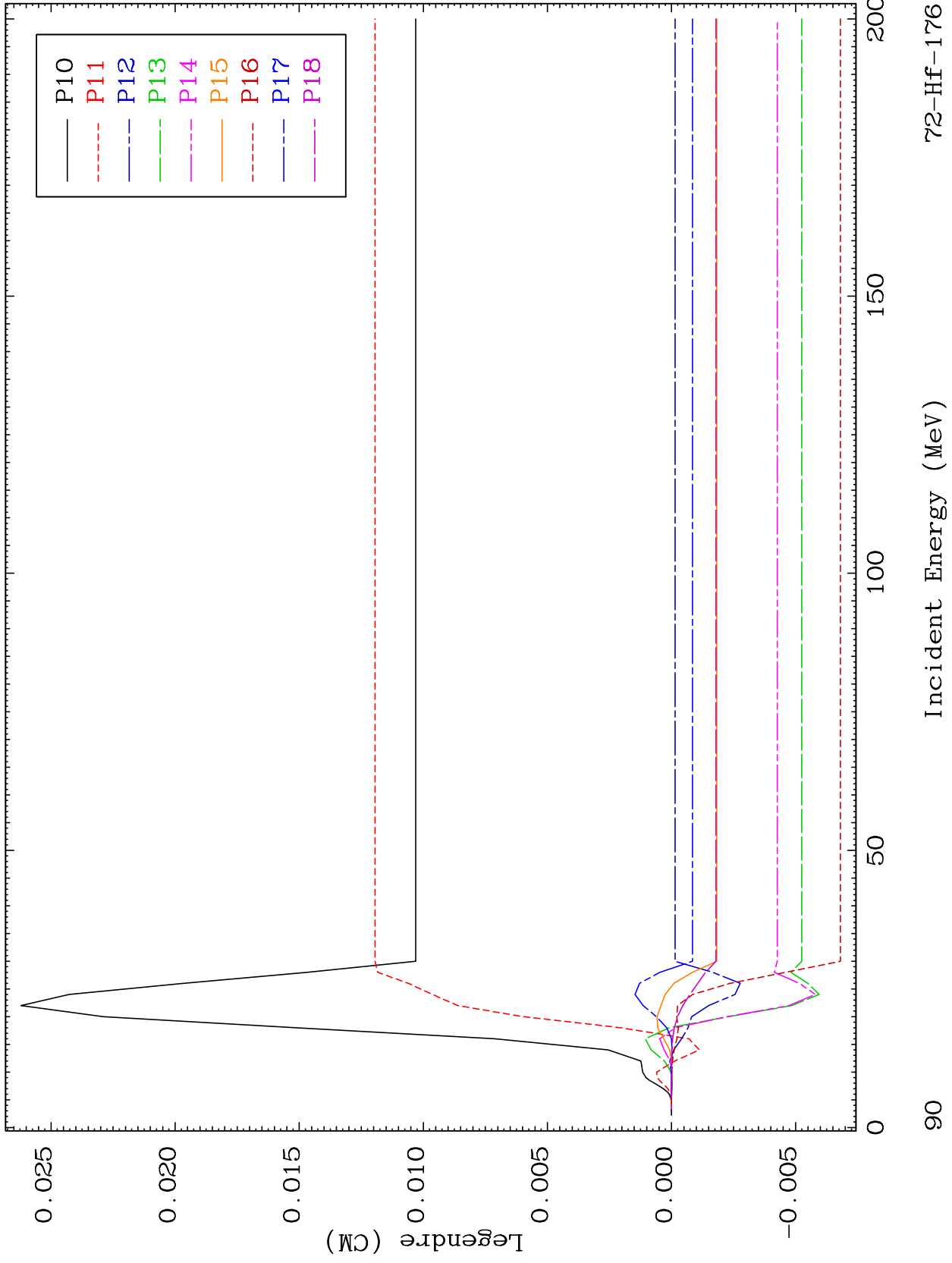
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



72-Hf-176

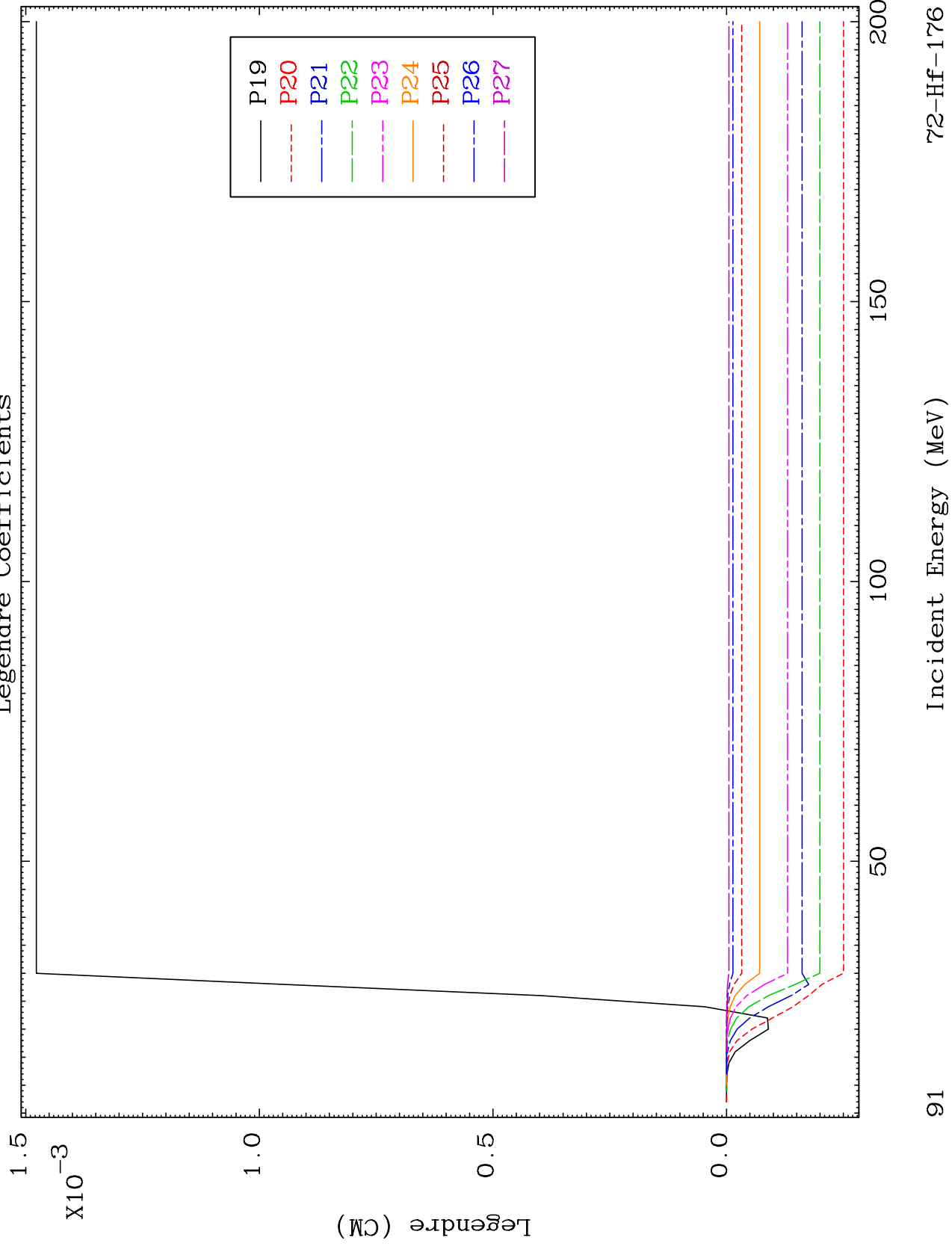
Incident Energy (MeV)

90

MAT 7231

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

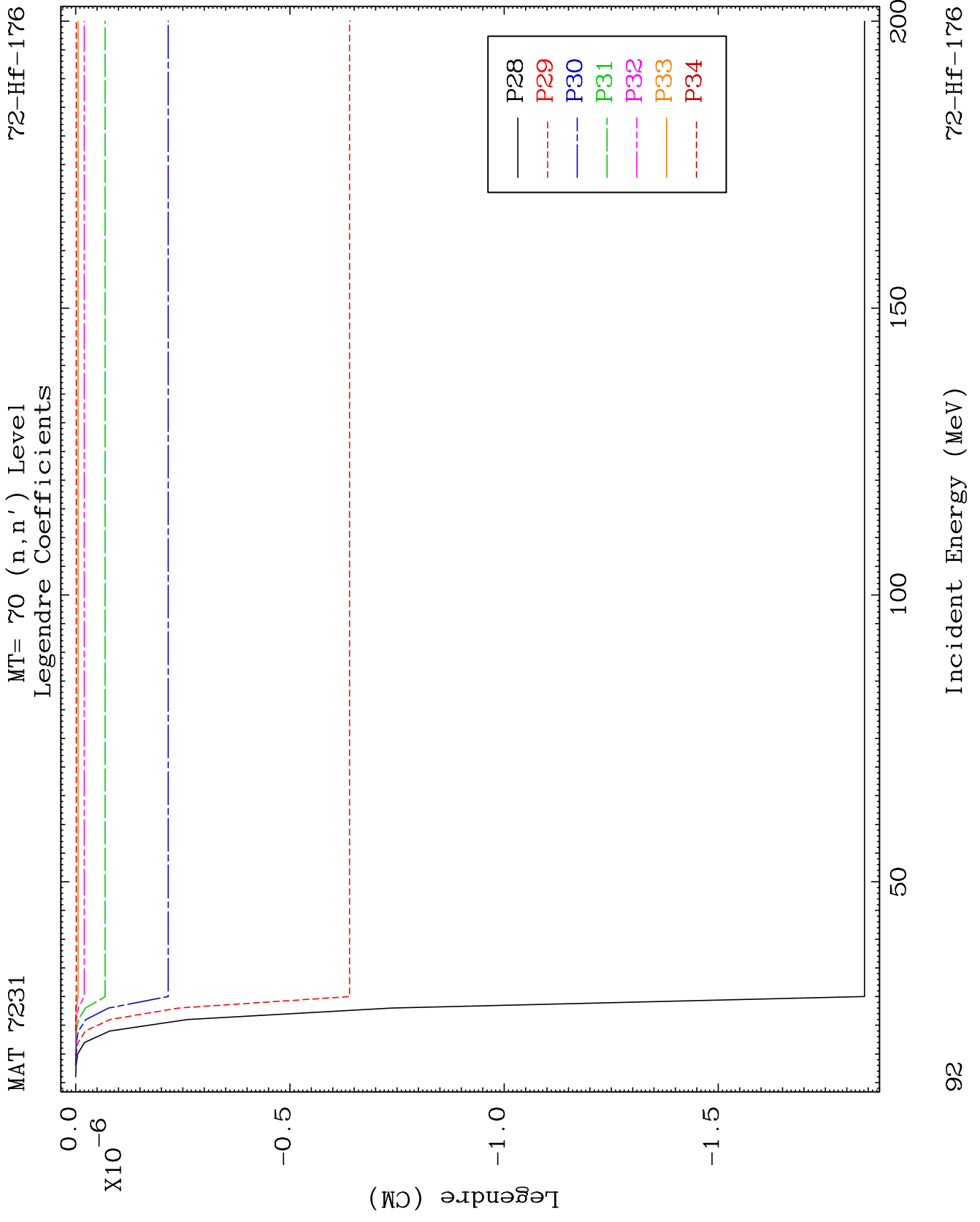
72-Hf-176



91

Incident Energy (MeV)

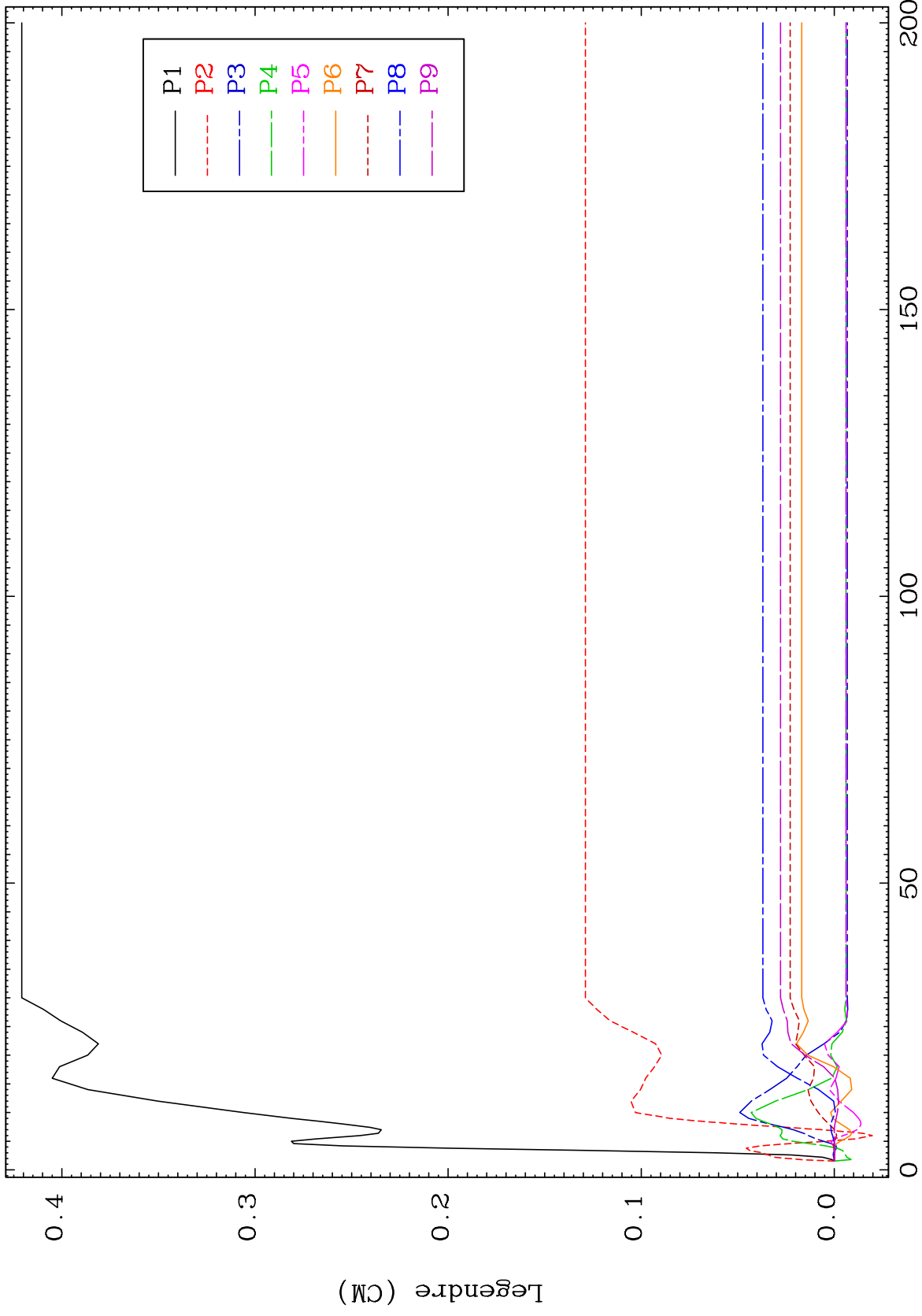
72-Hf-176



MAT 7231

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

72-Hf-176



93

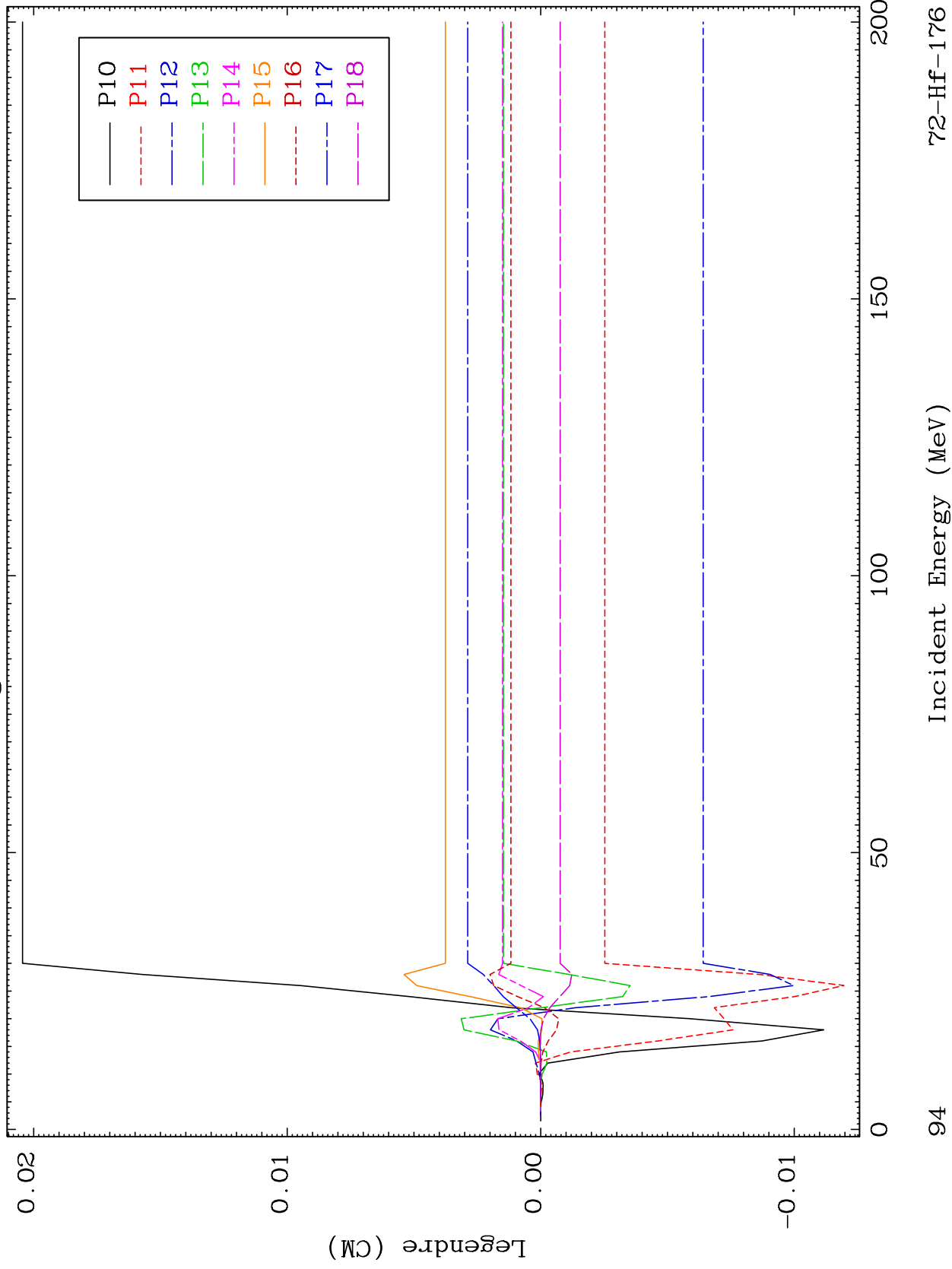
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



94

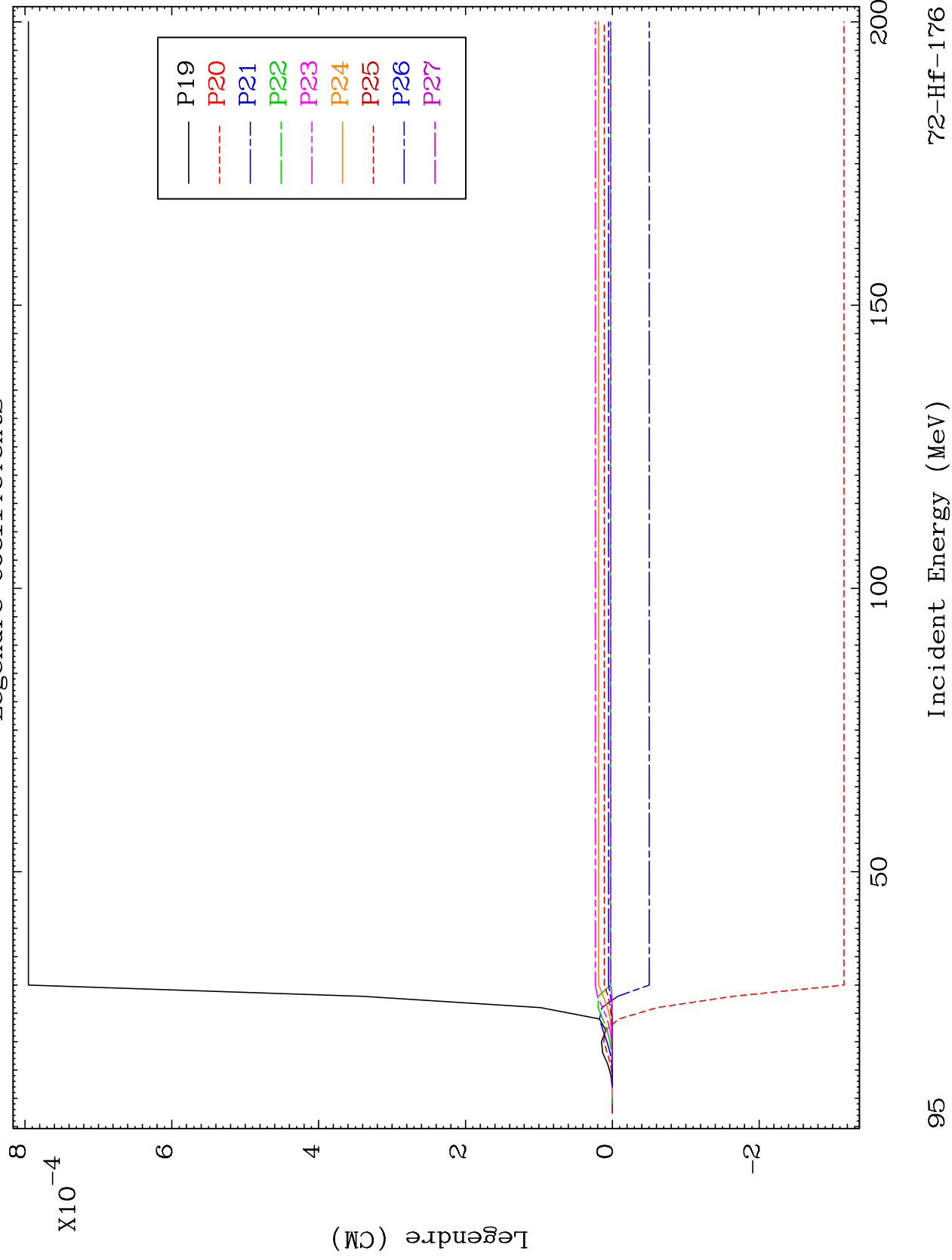
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



95

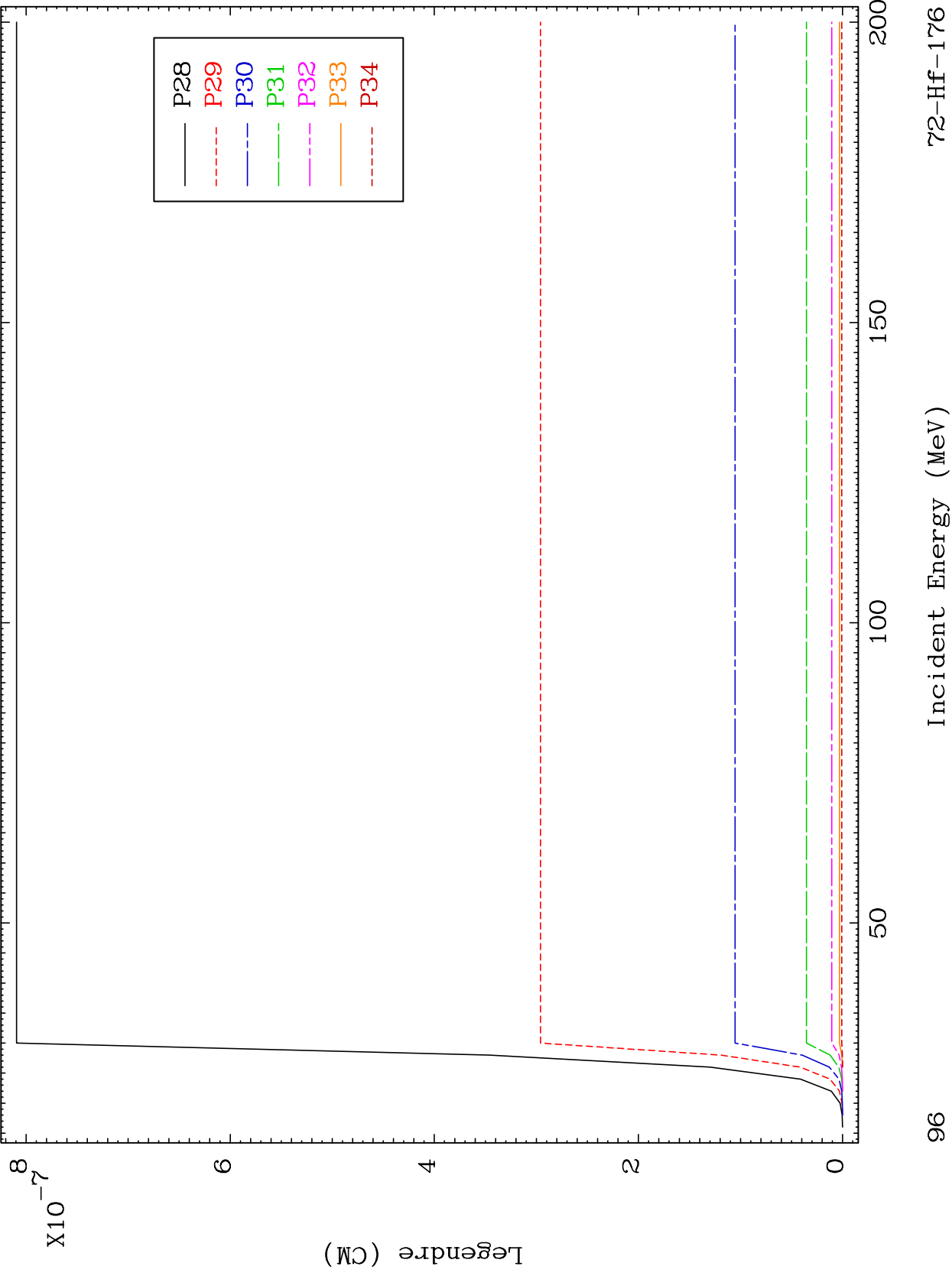
Incident Energy (MeV)

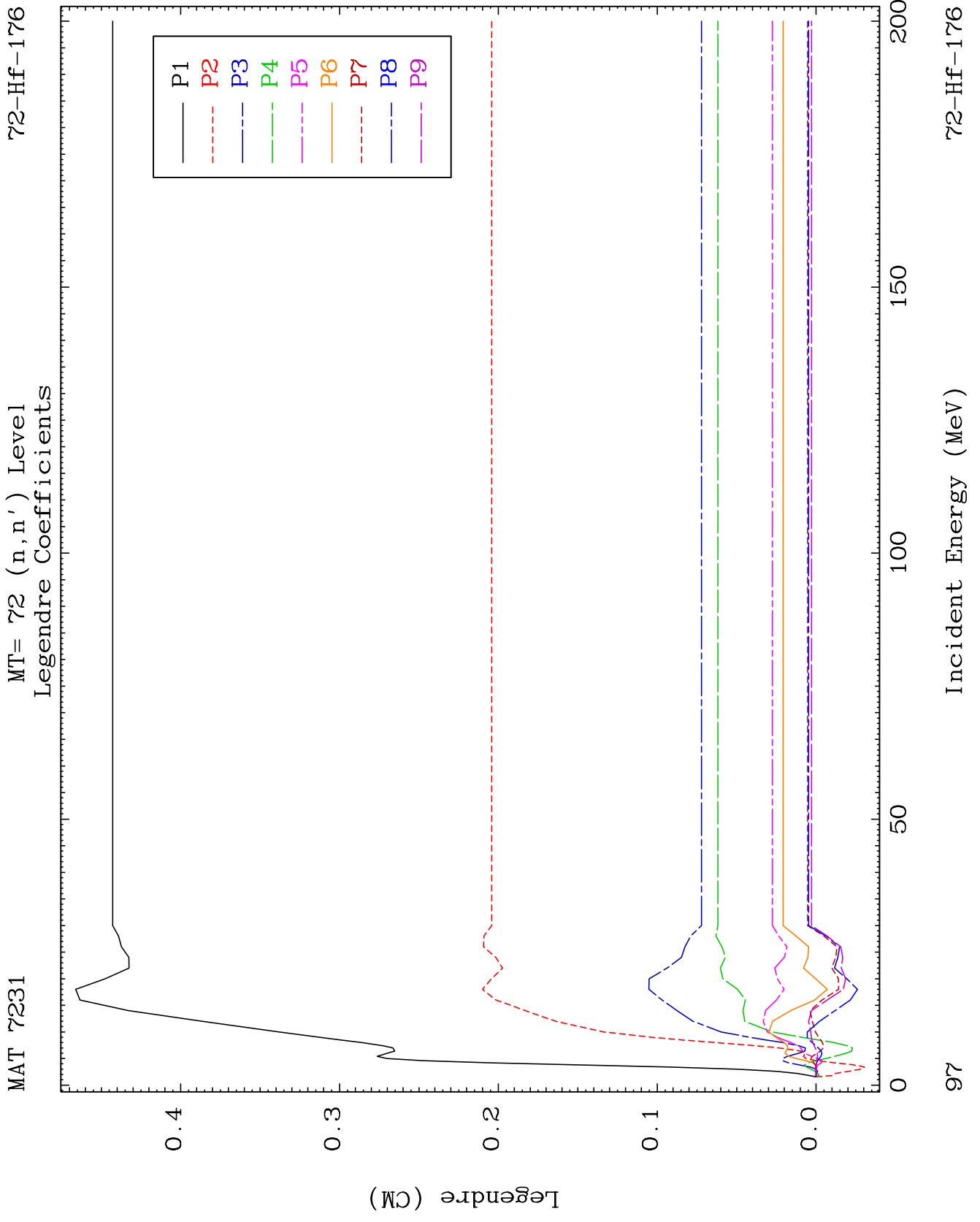
72-Hf-176

MAT 7231

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

72-Hf-176

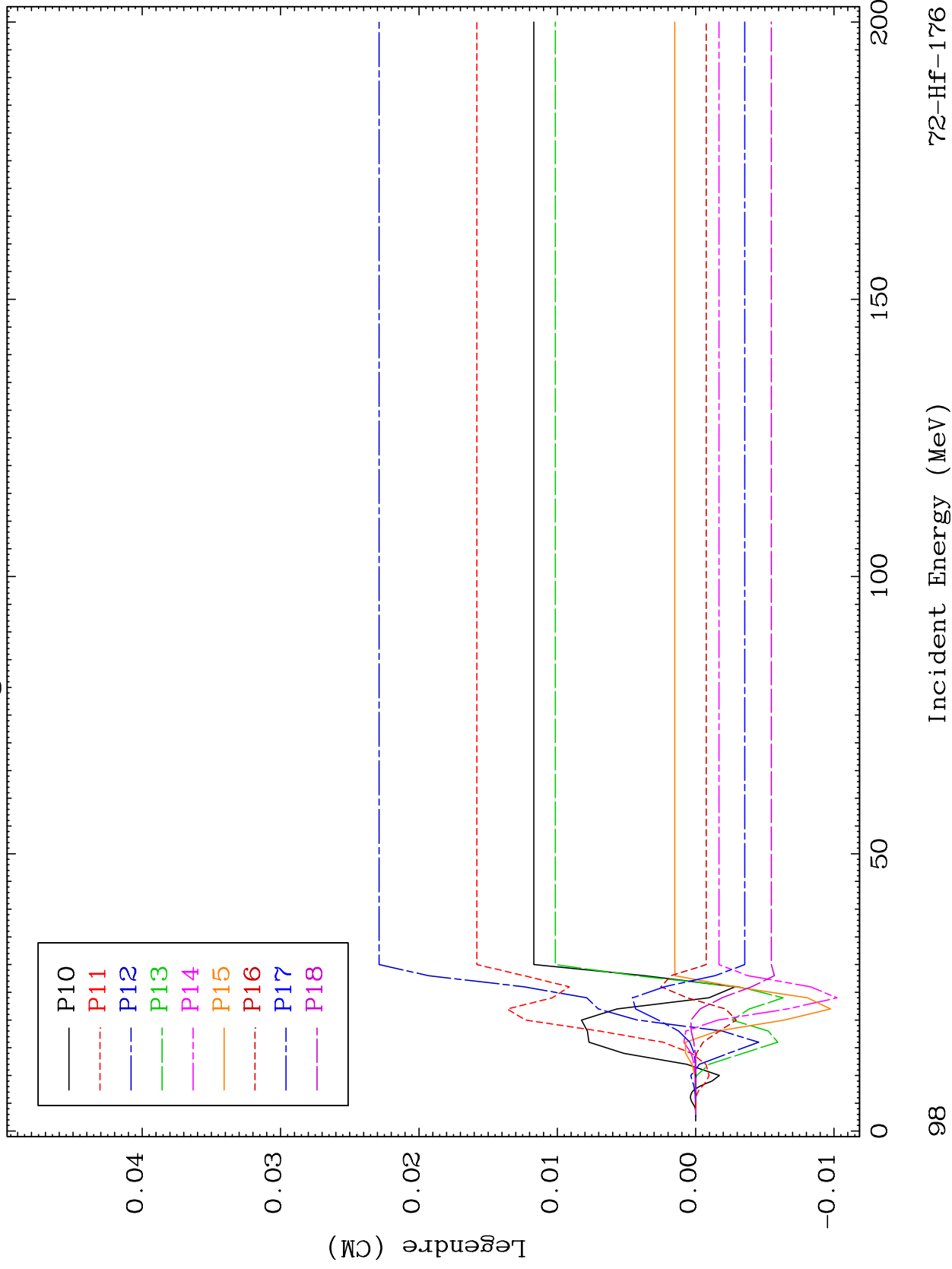




MAT 7231

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

72-Hf-176



98

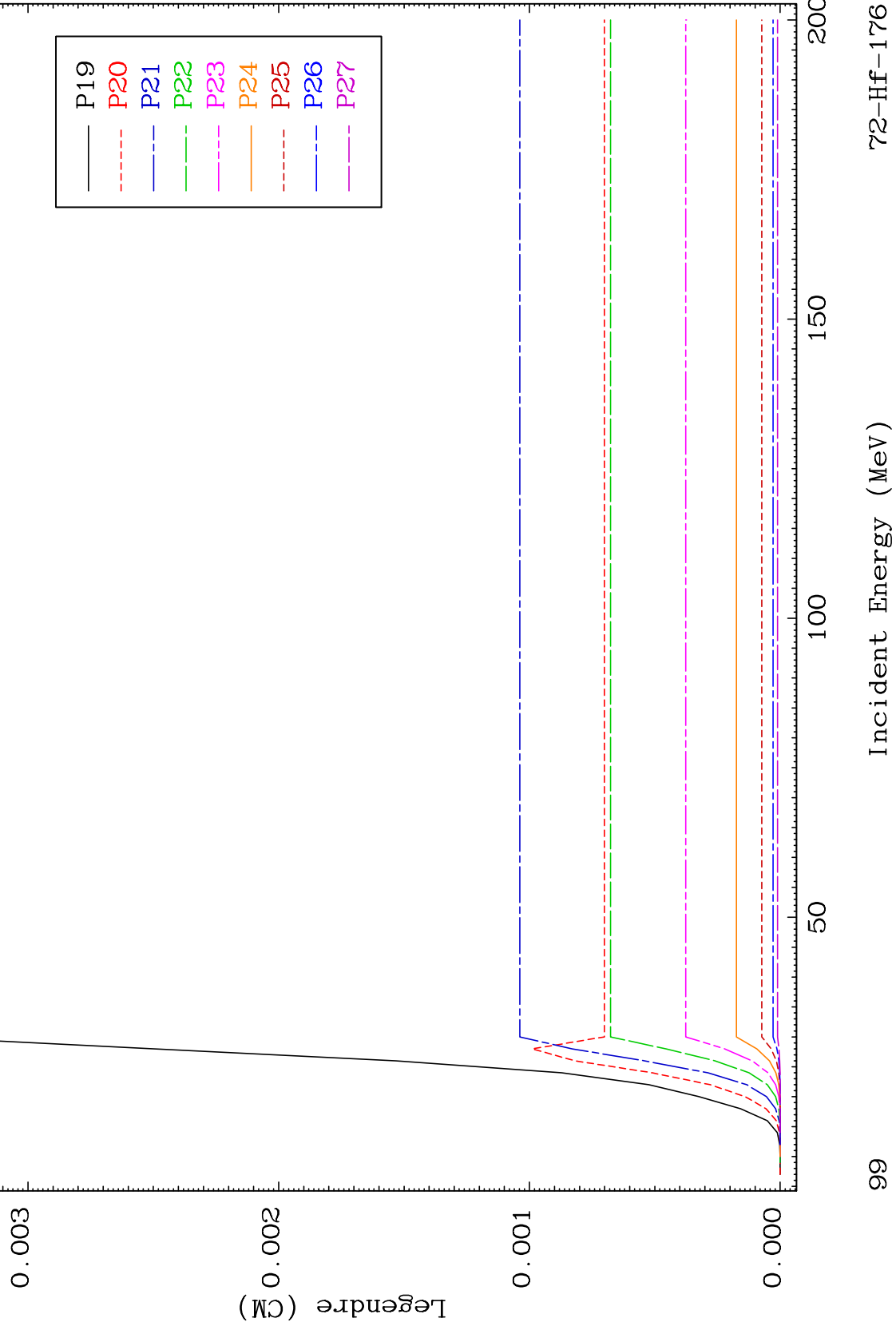
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



99

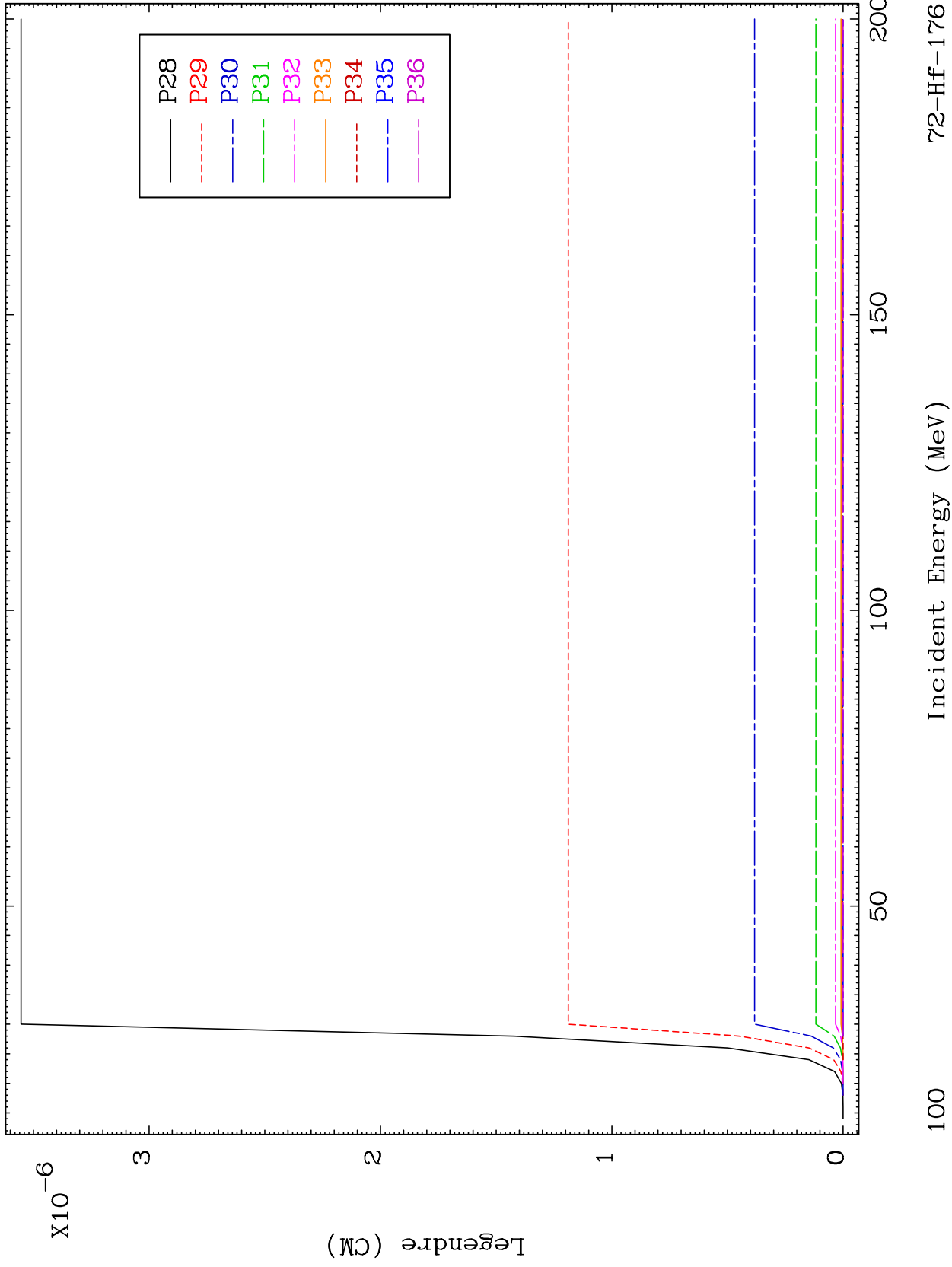
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

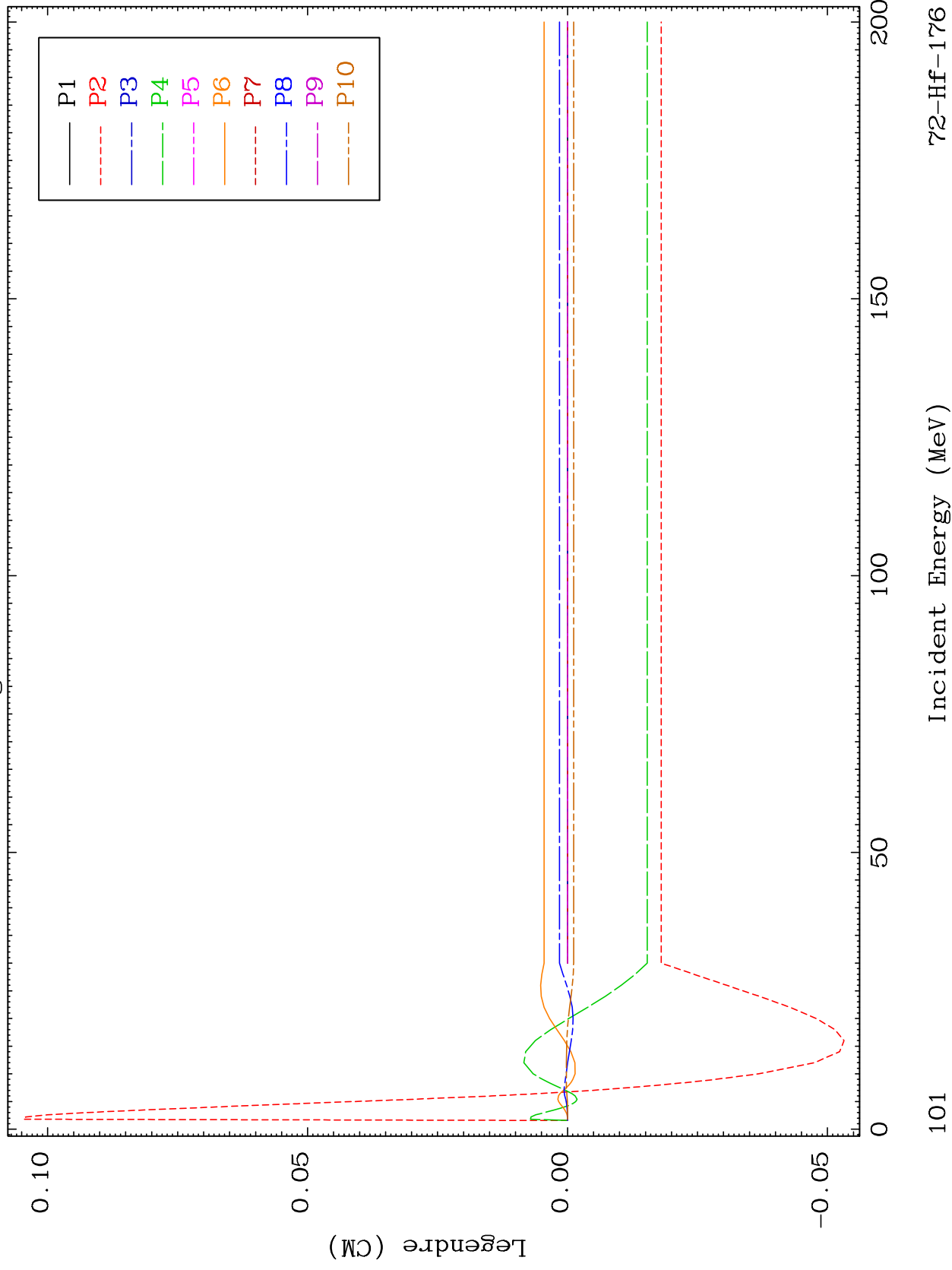
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

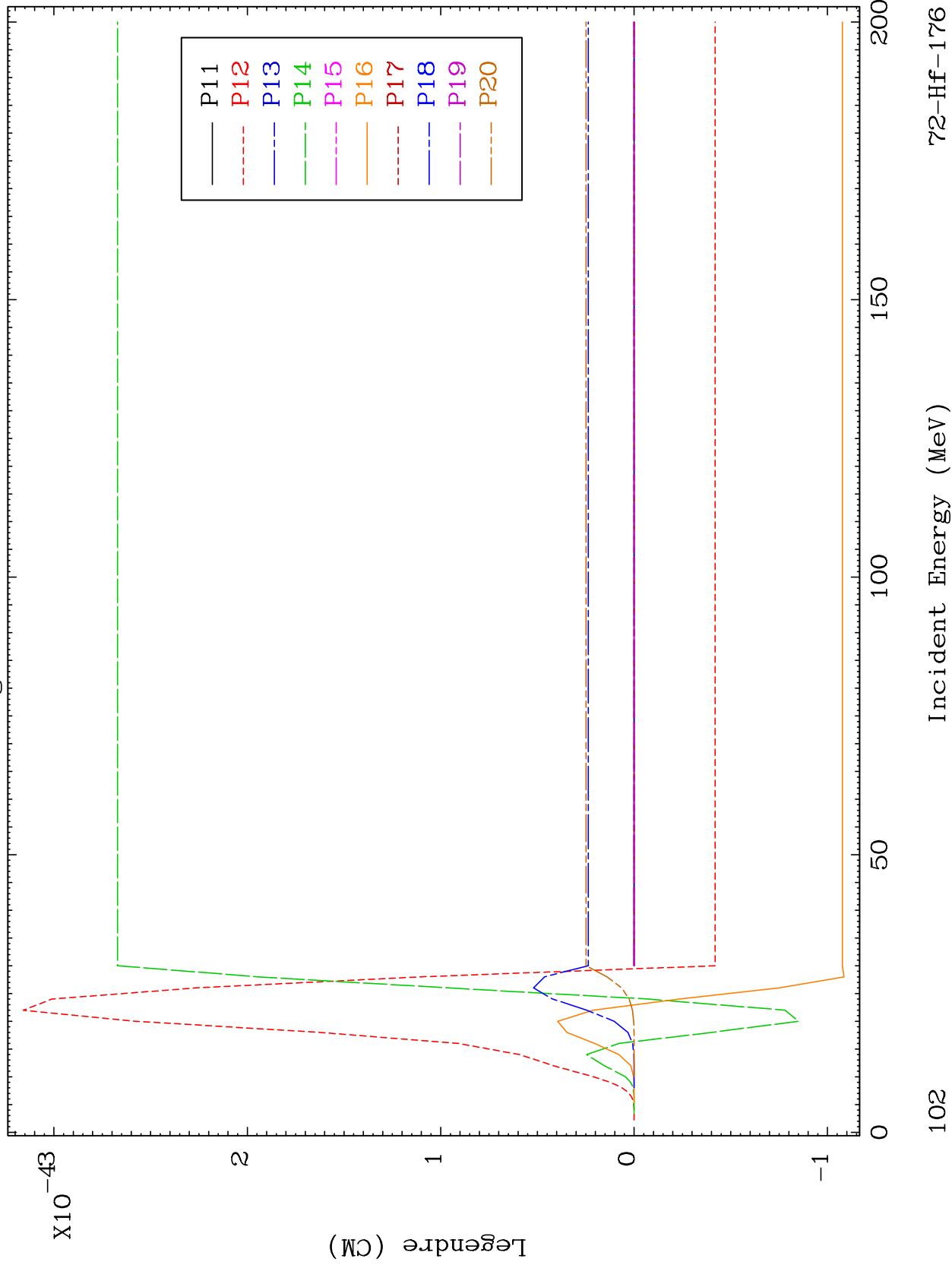
Incident Energy (MeV)

101

MAT 7231

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

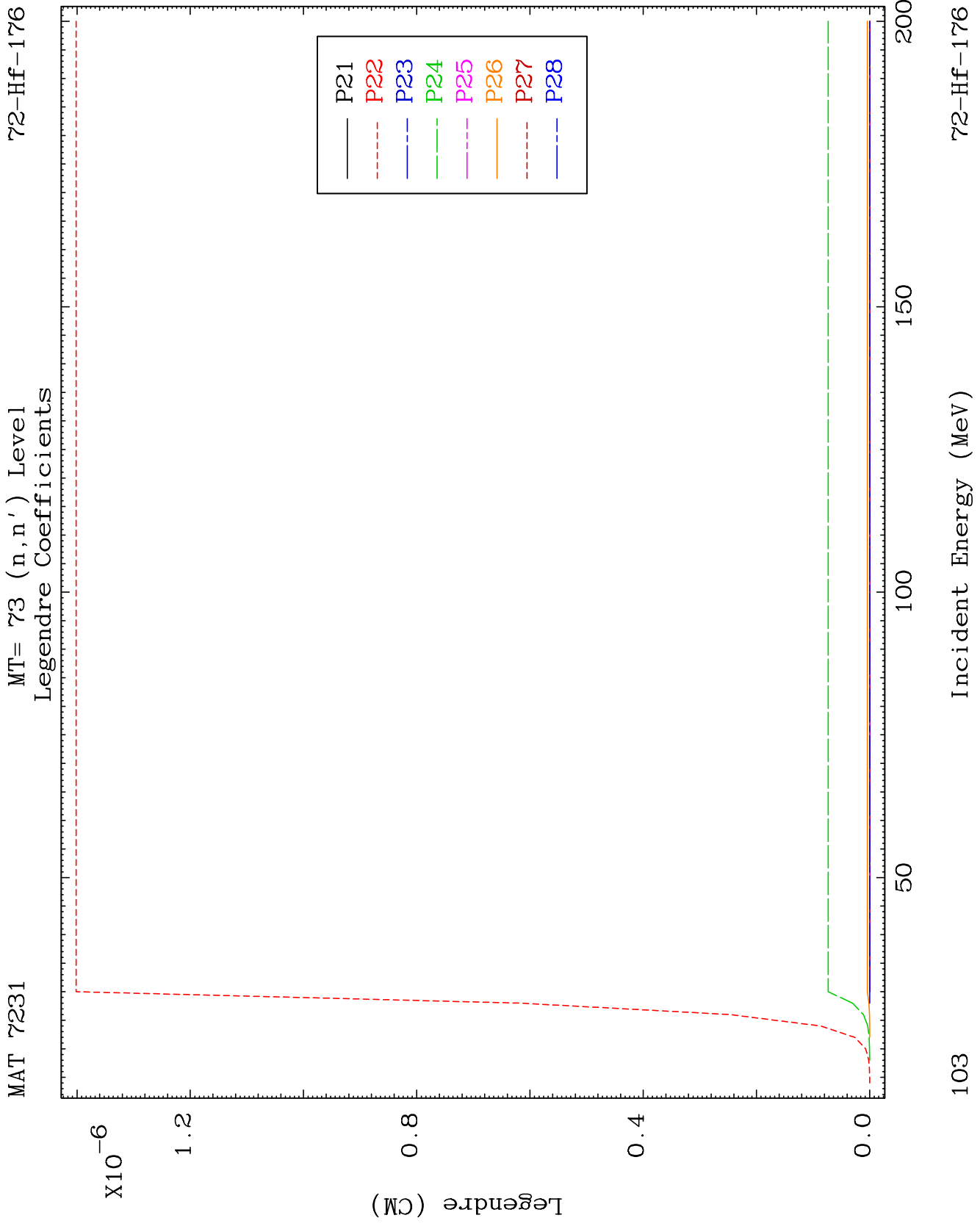
72-Hf-176

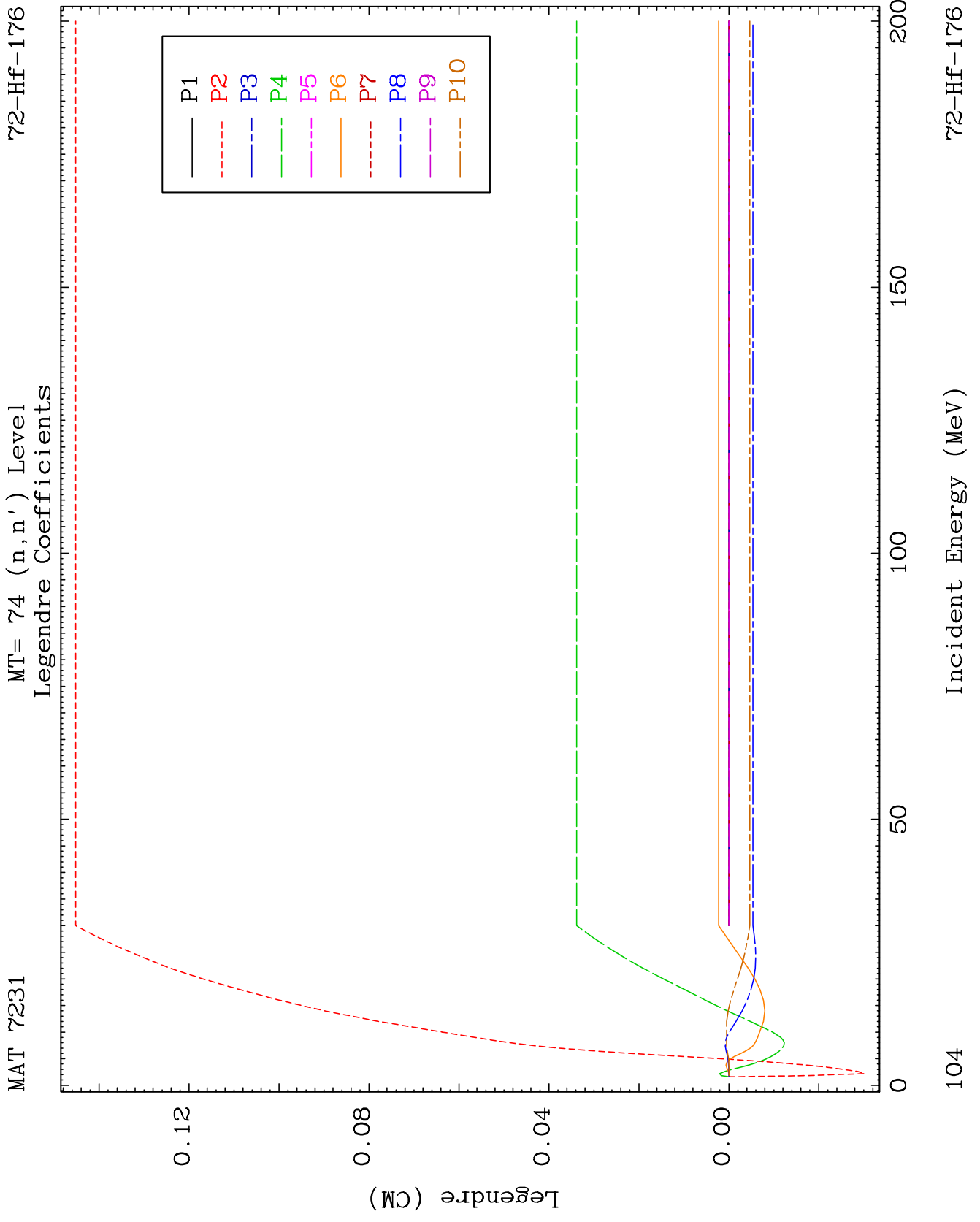


72-Hf-176

Incident Energy (MeV)

102



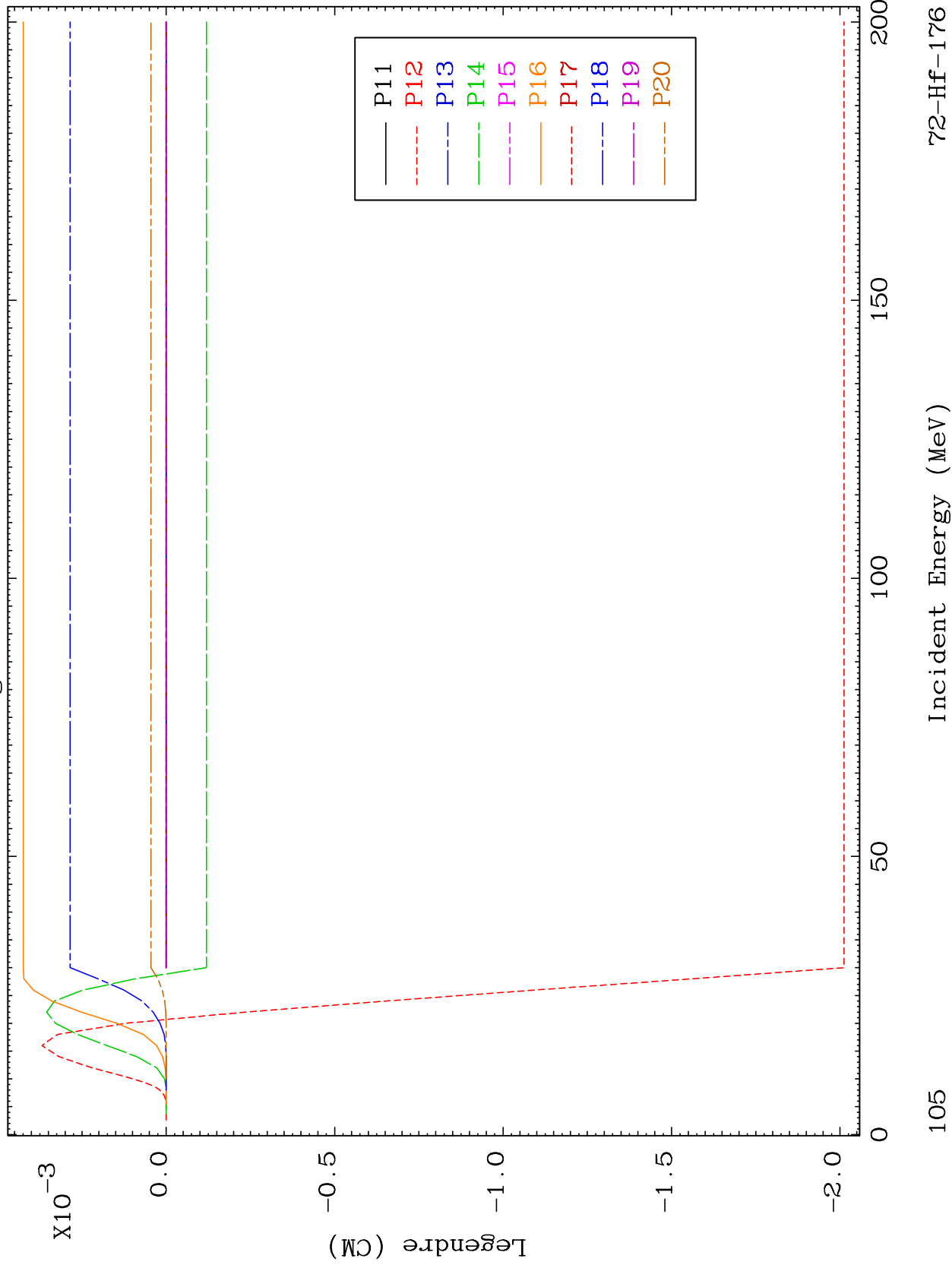


MAT 7231

MT= 74 (n,n') Level

72-Hf-176

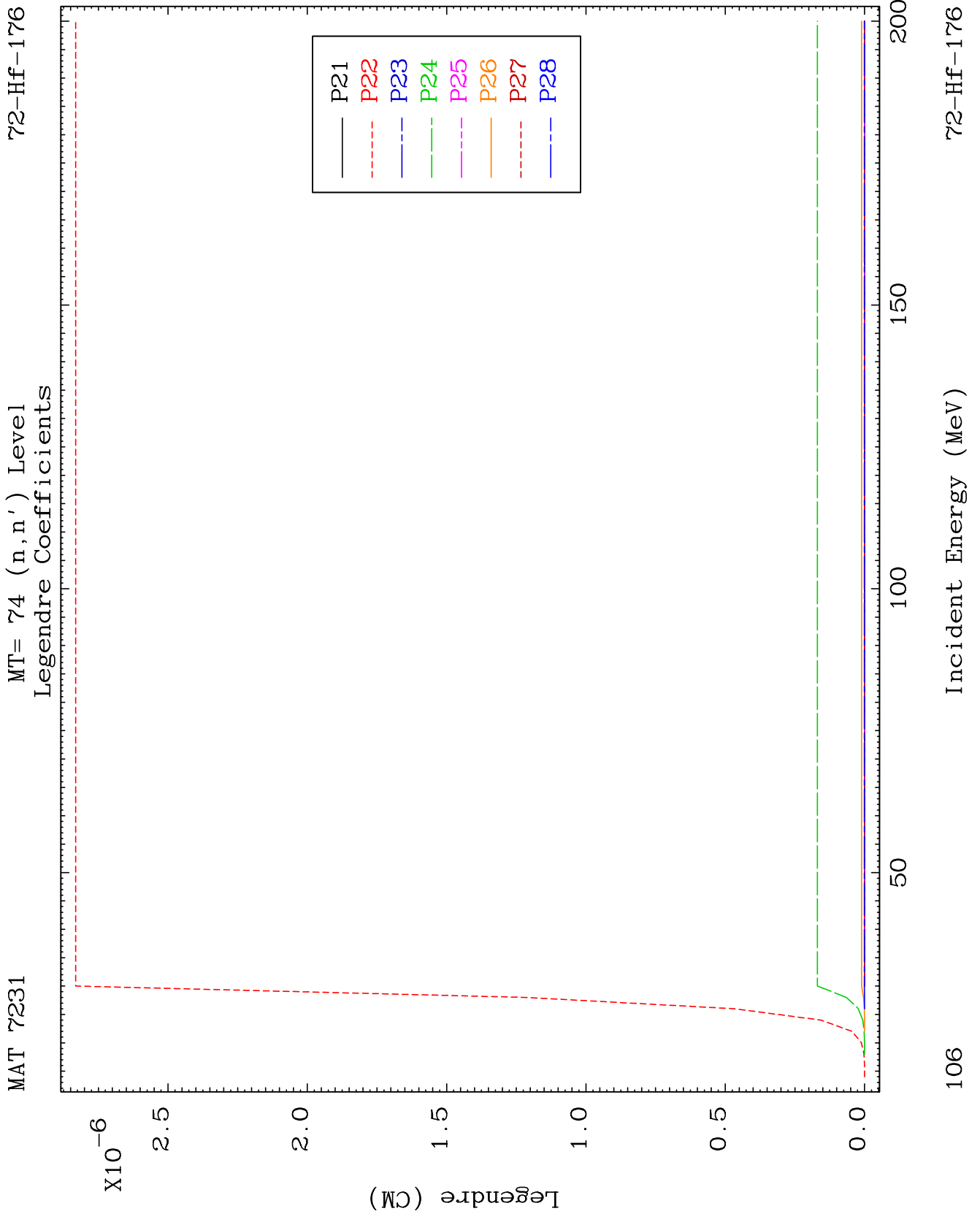
Legendre Coefficients

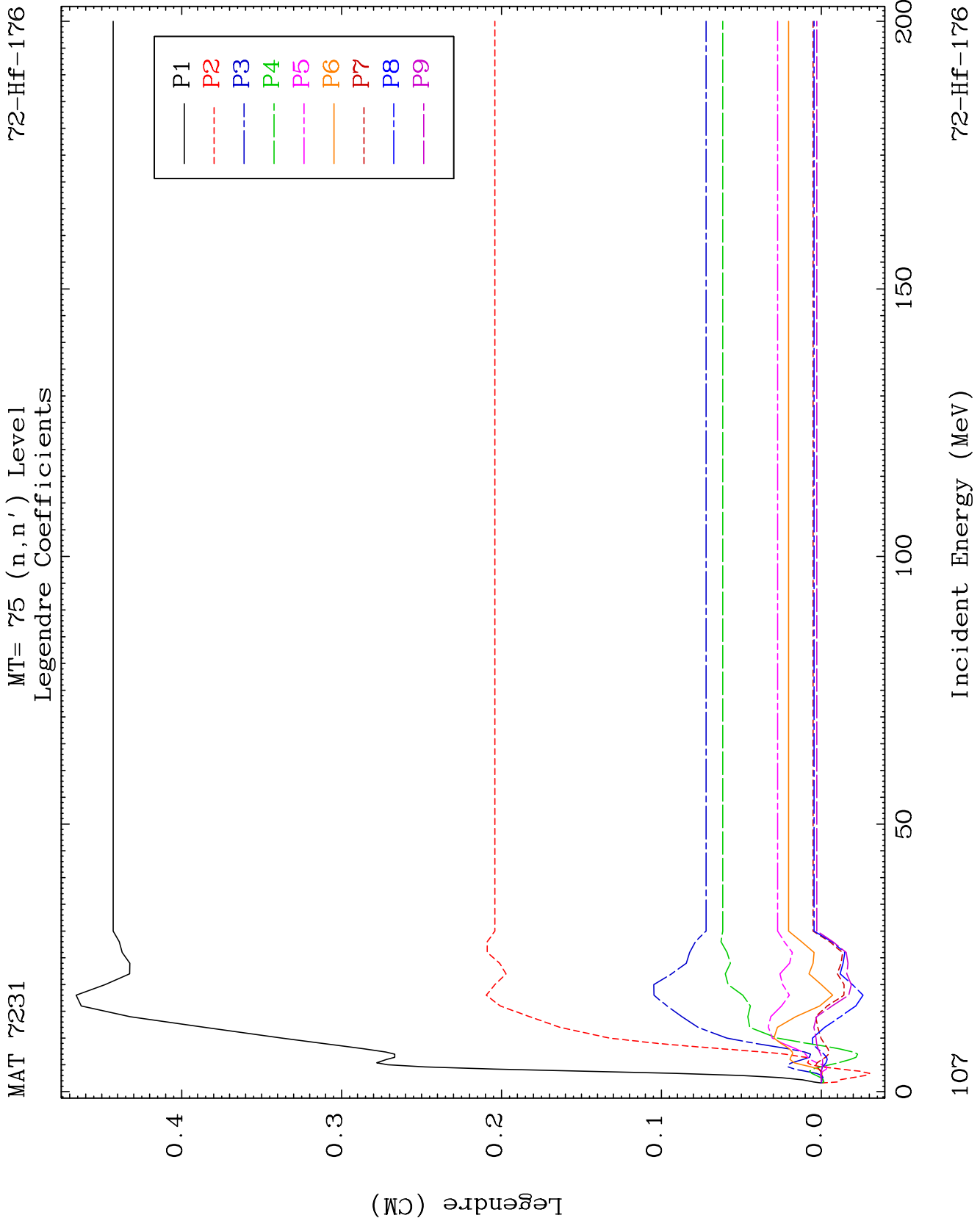


105

Incident Energy (MeV)

72-Hf-176

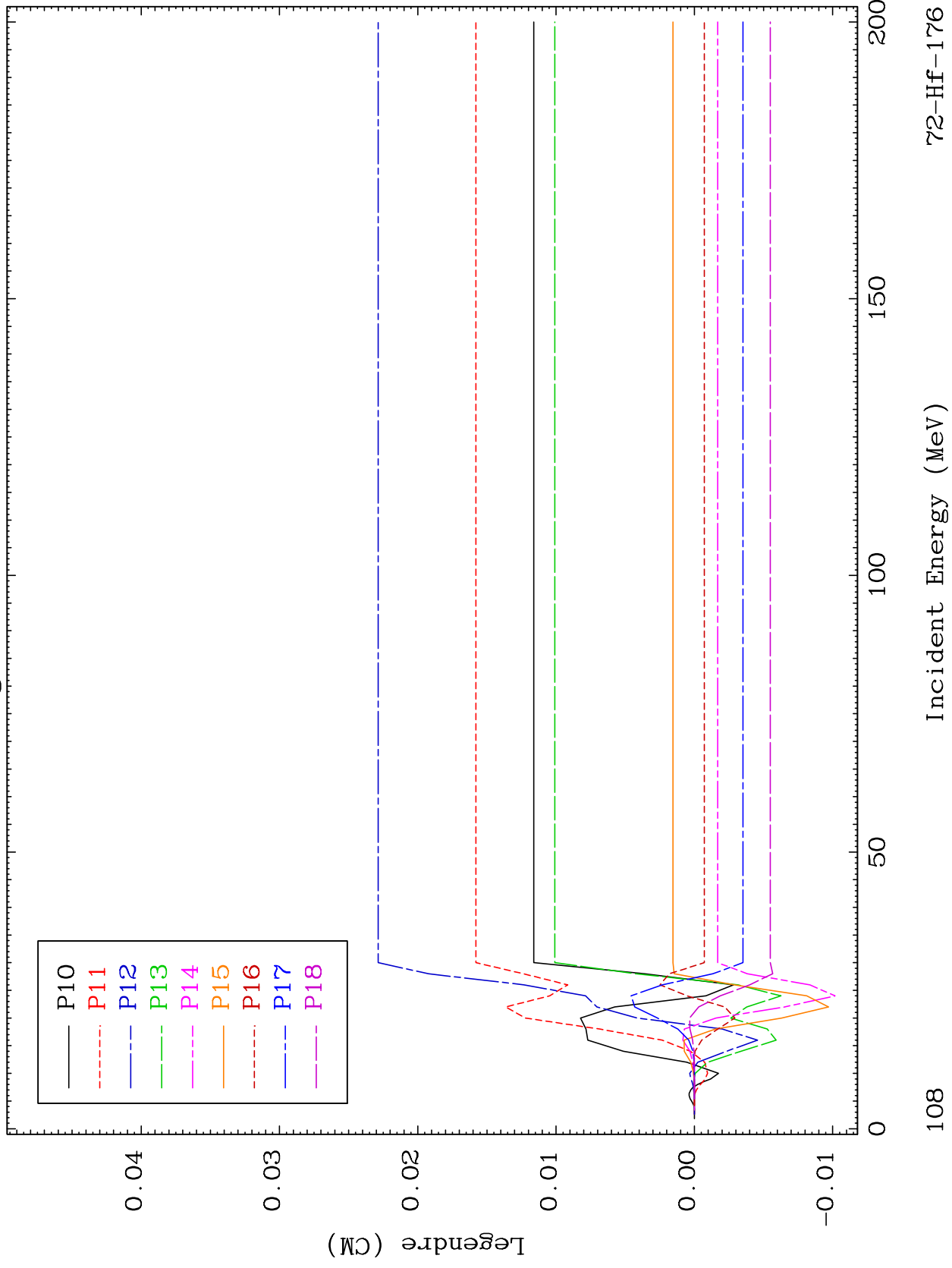




MAT 7231

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

72-Hf-176



72-Hf-176

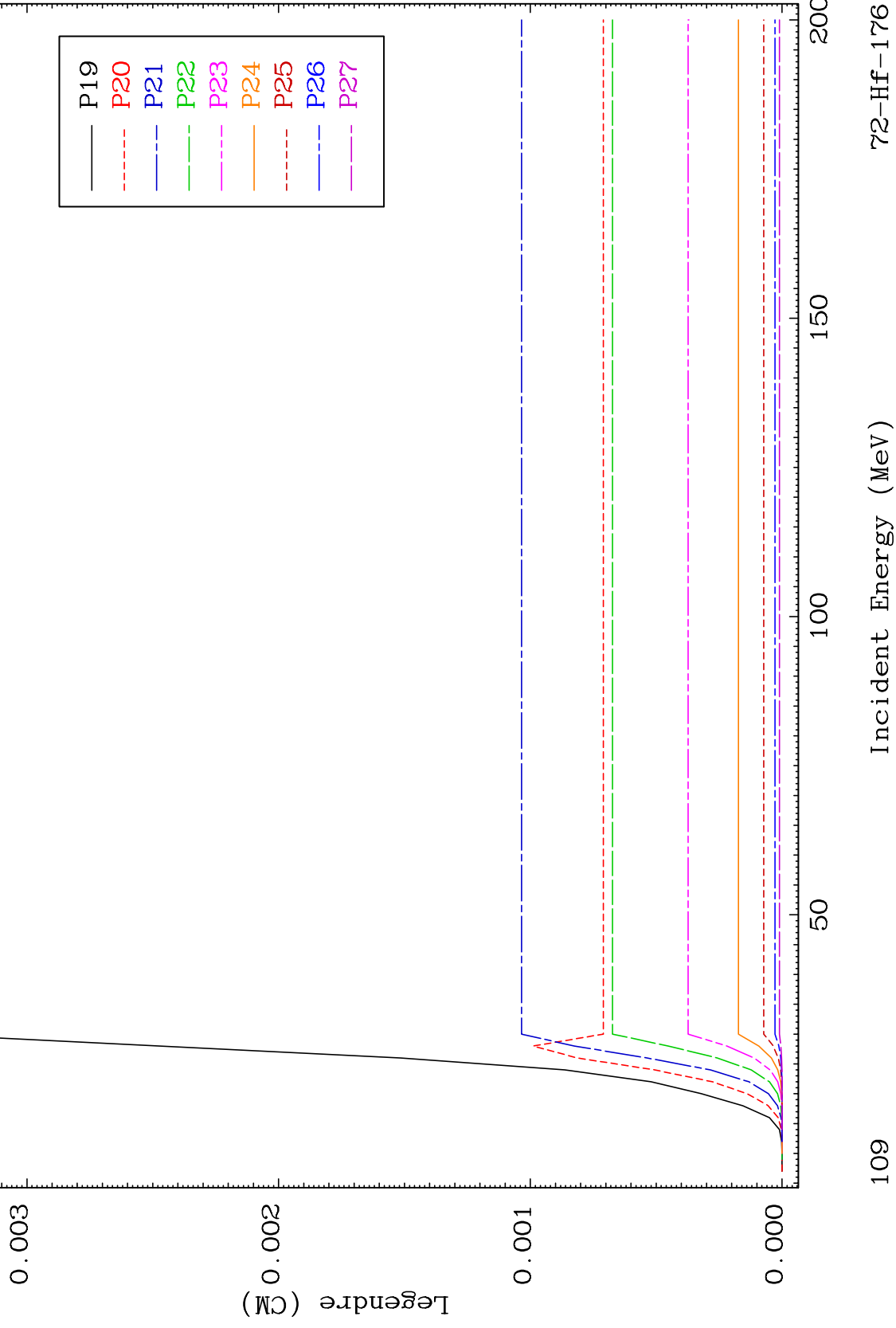
Incident Energy (MeV)

108

MAT 7231

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

72-Hf-176



109

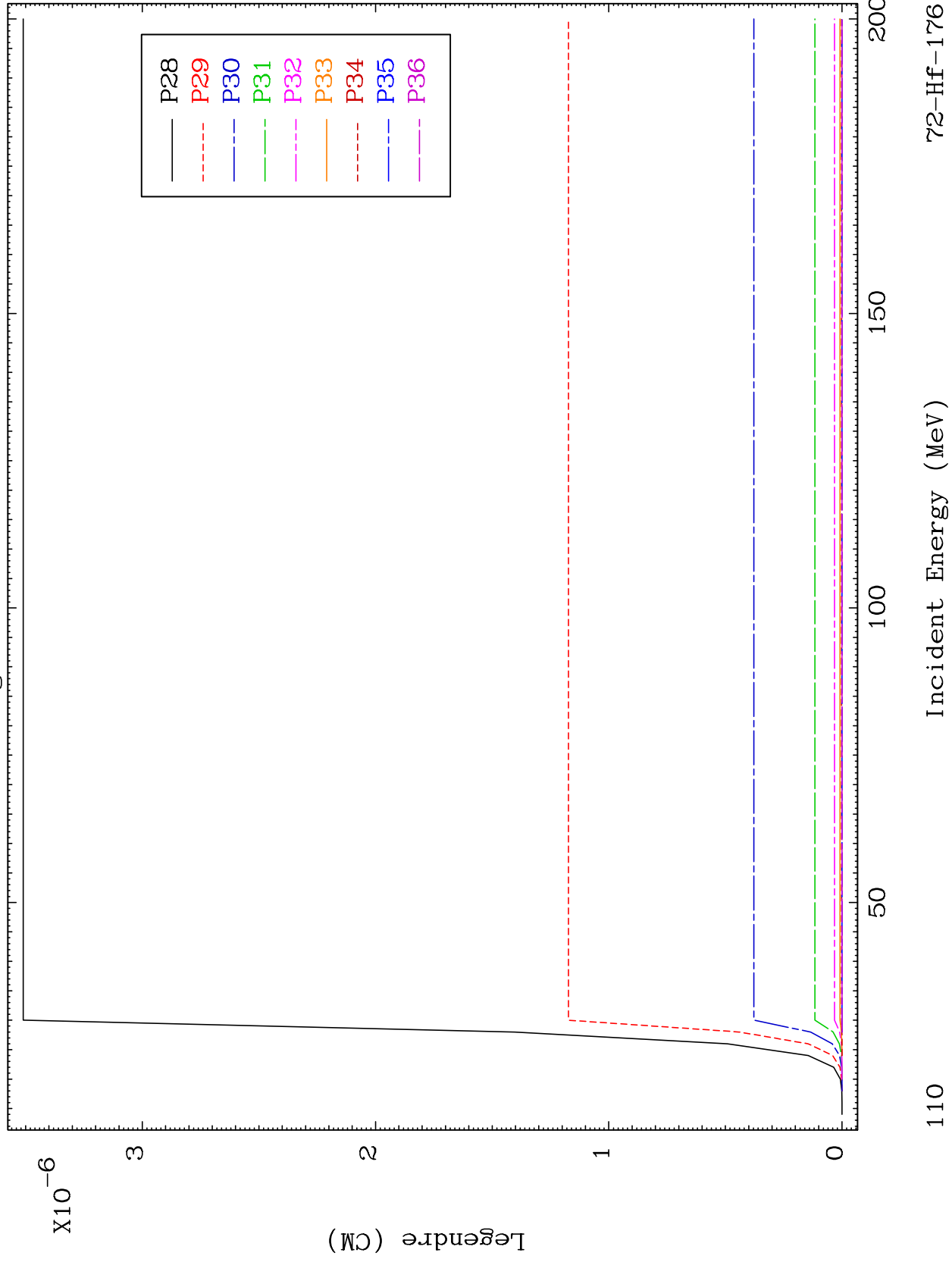
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

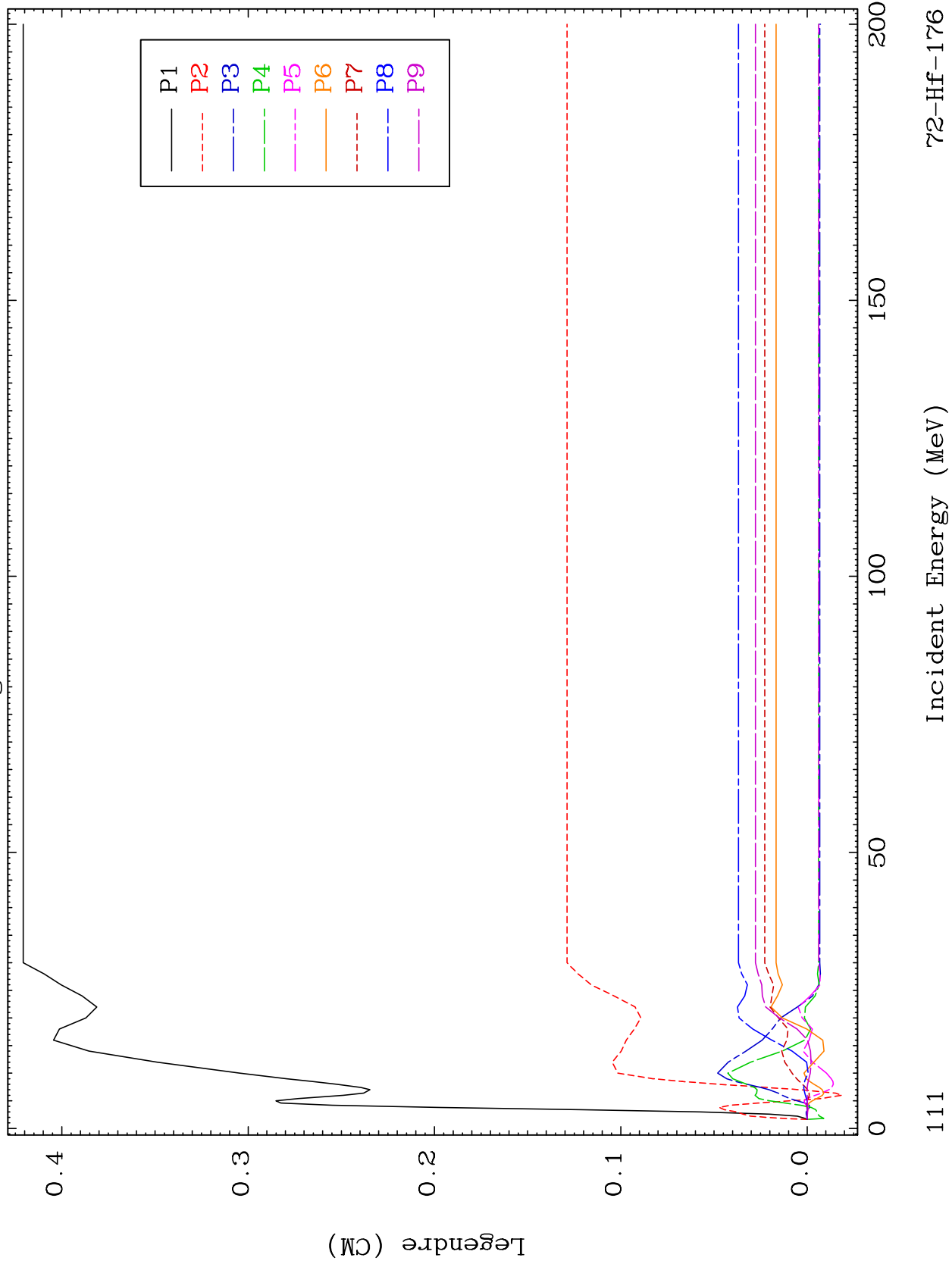
72-Hf-176



MAT 7231

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

72-Hf-176



111

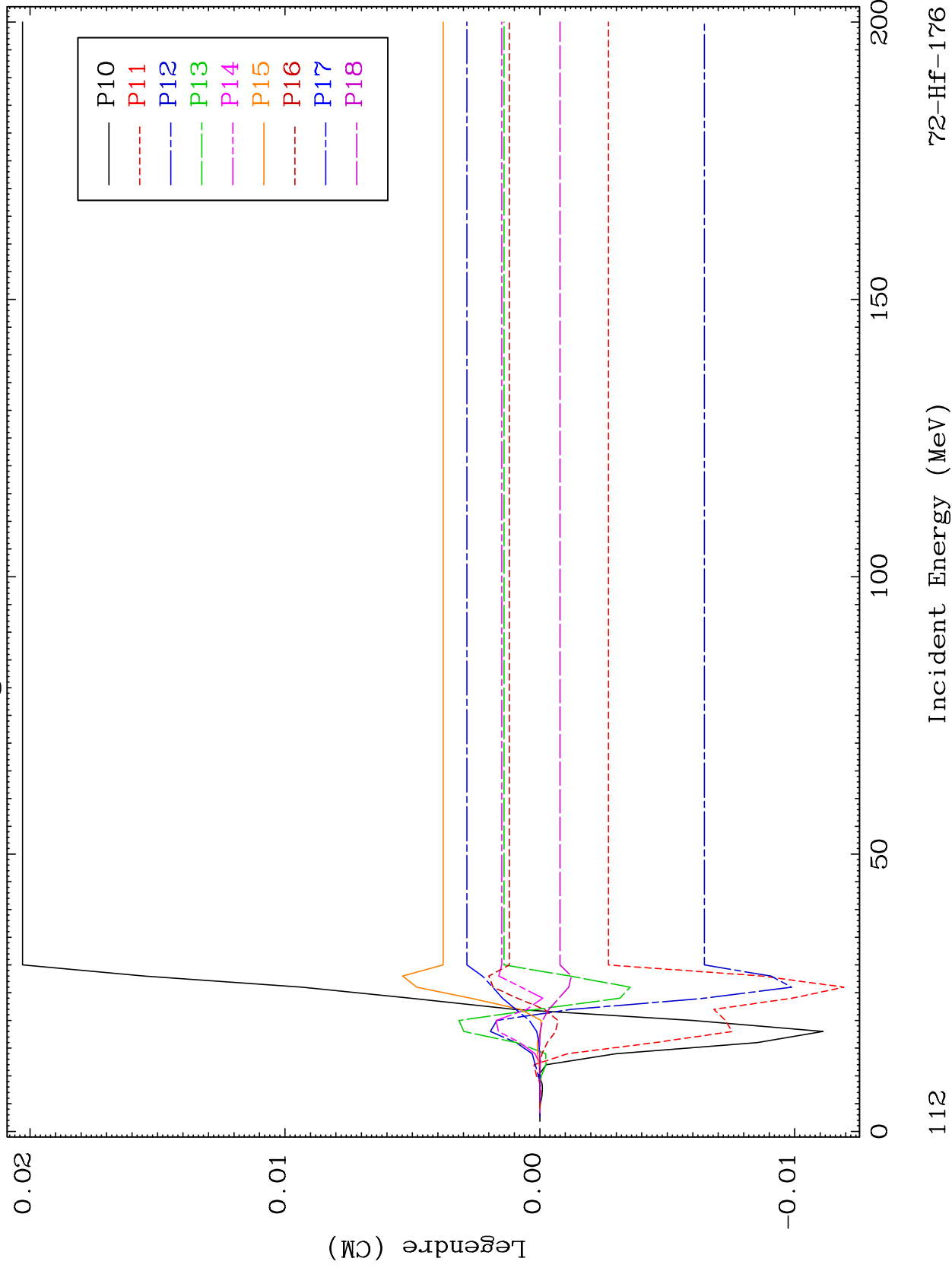
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

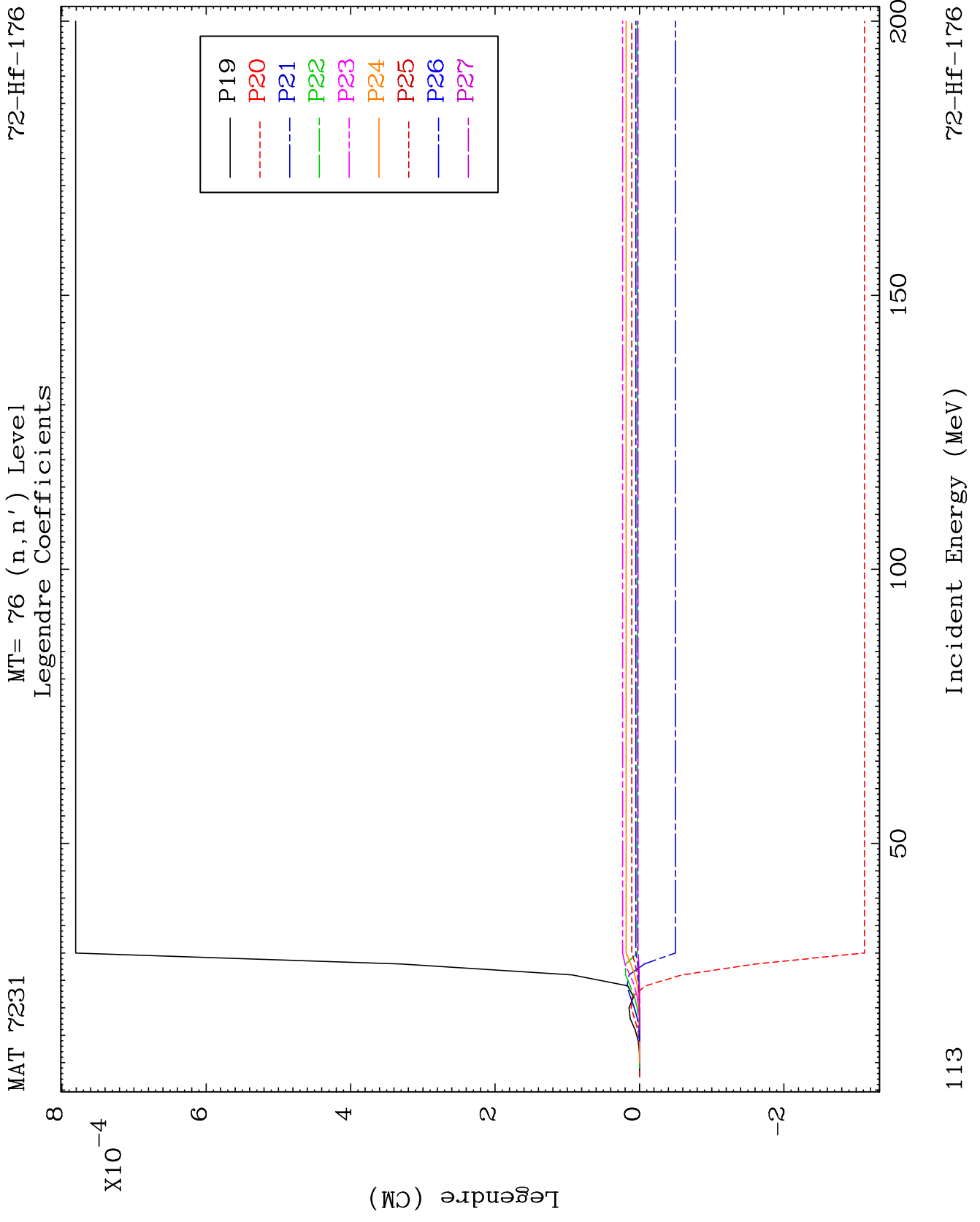
72-Hf-176



72-Hf-176

Incident Energy (MeV)

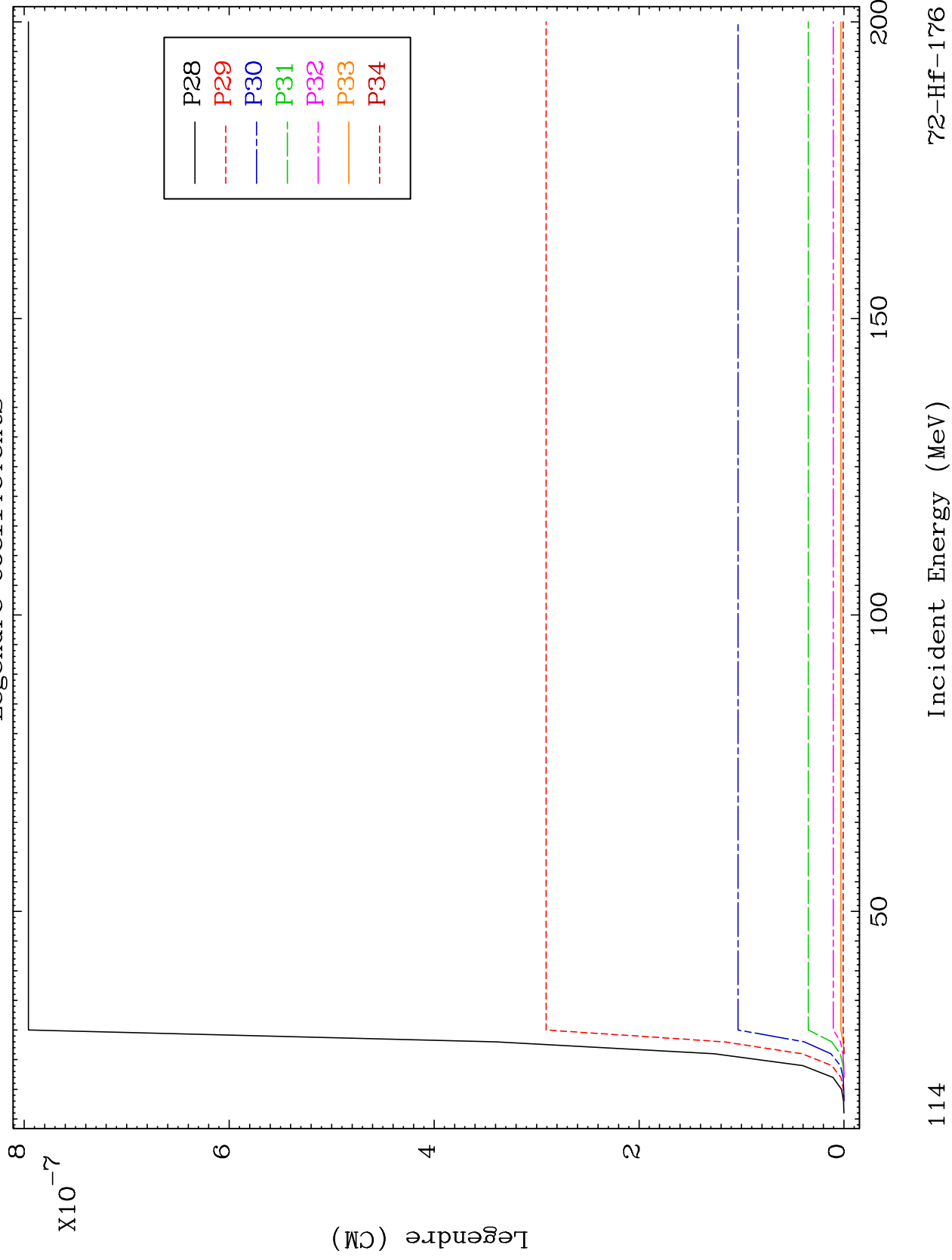
112



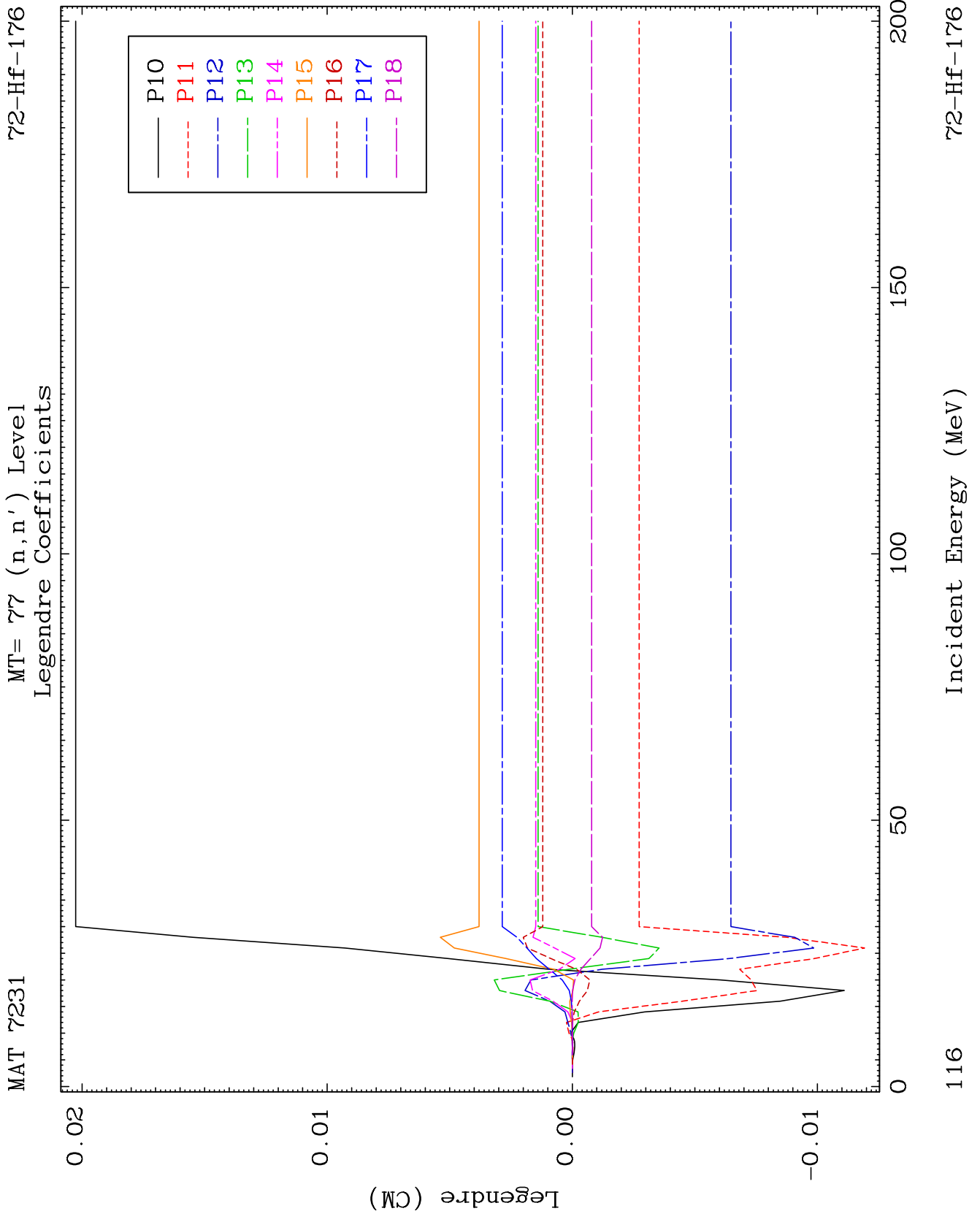
MAT 7231

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

72-Hf-176



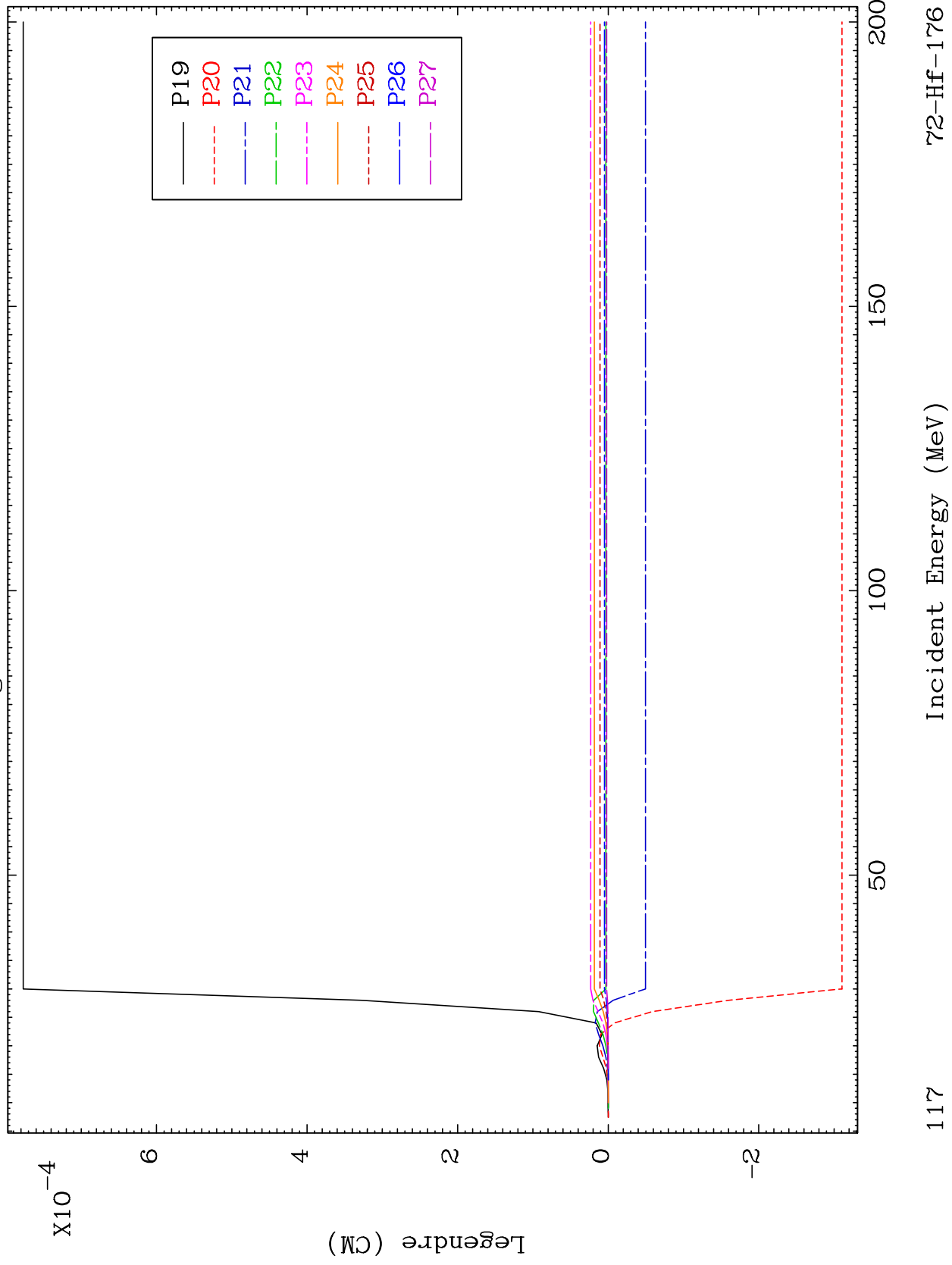
114



MAT 7231

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

72-Hf-176



117

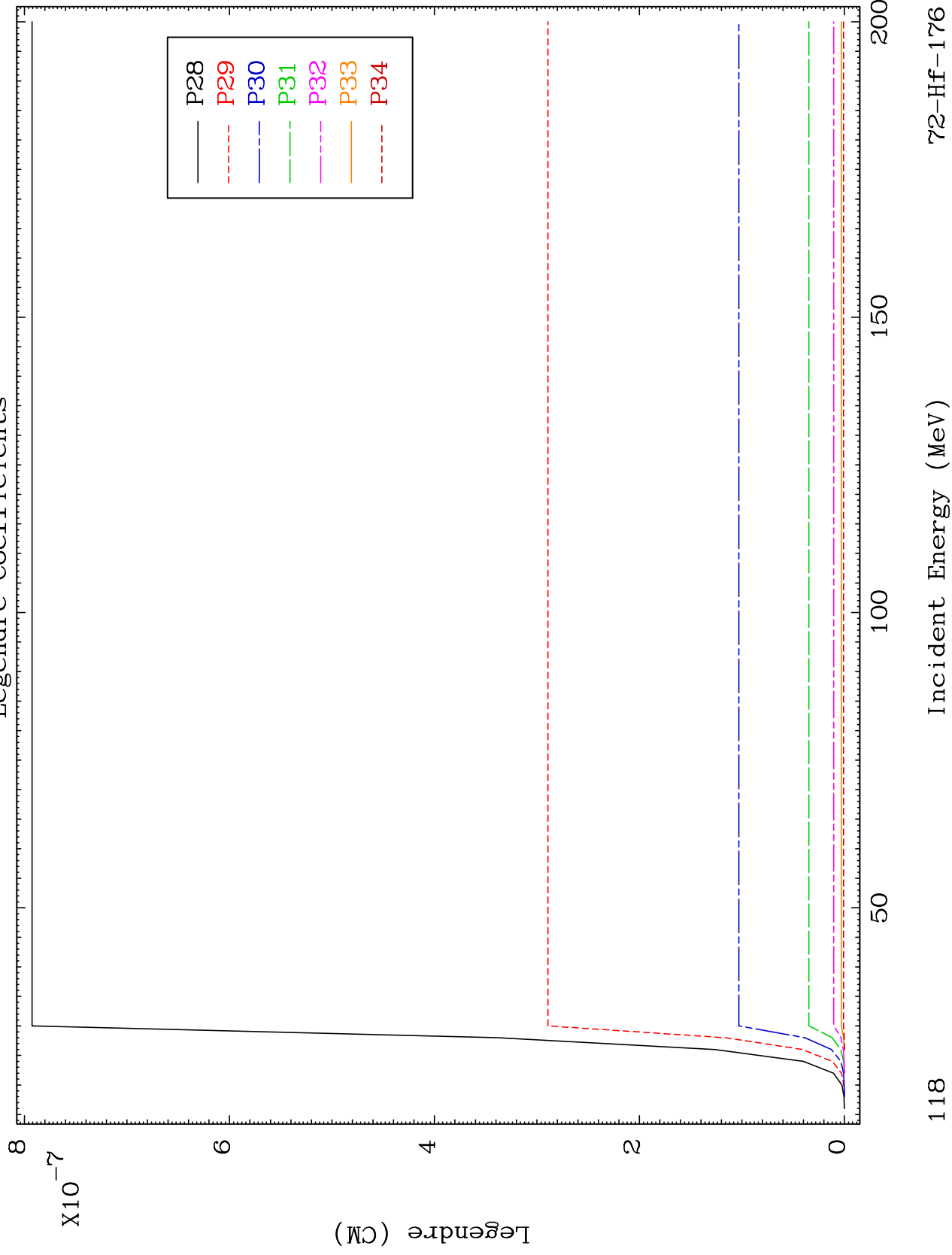
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



118

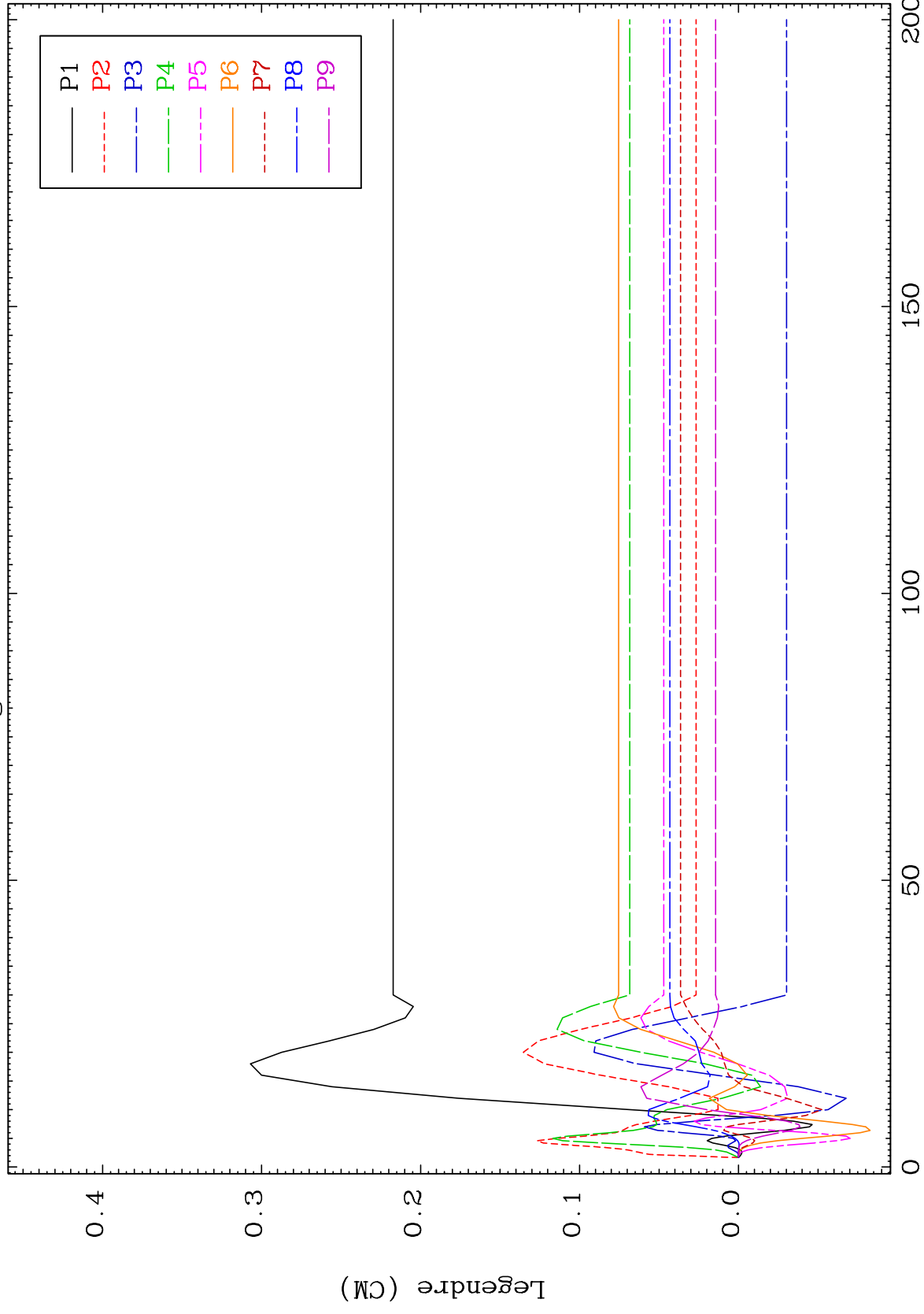
Incident Energy (MeV)

72-Hf-176

MAT 7231

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

72-Hf-176



119

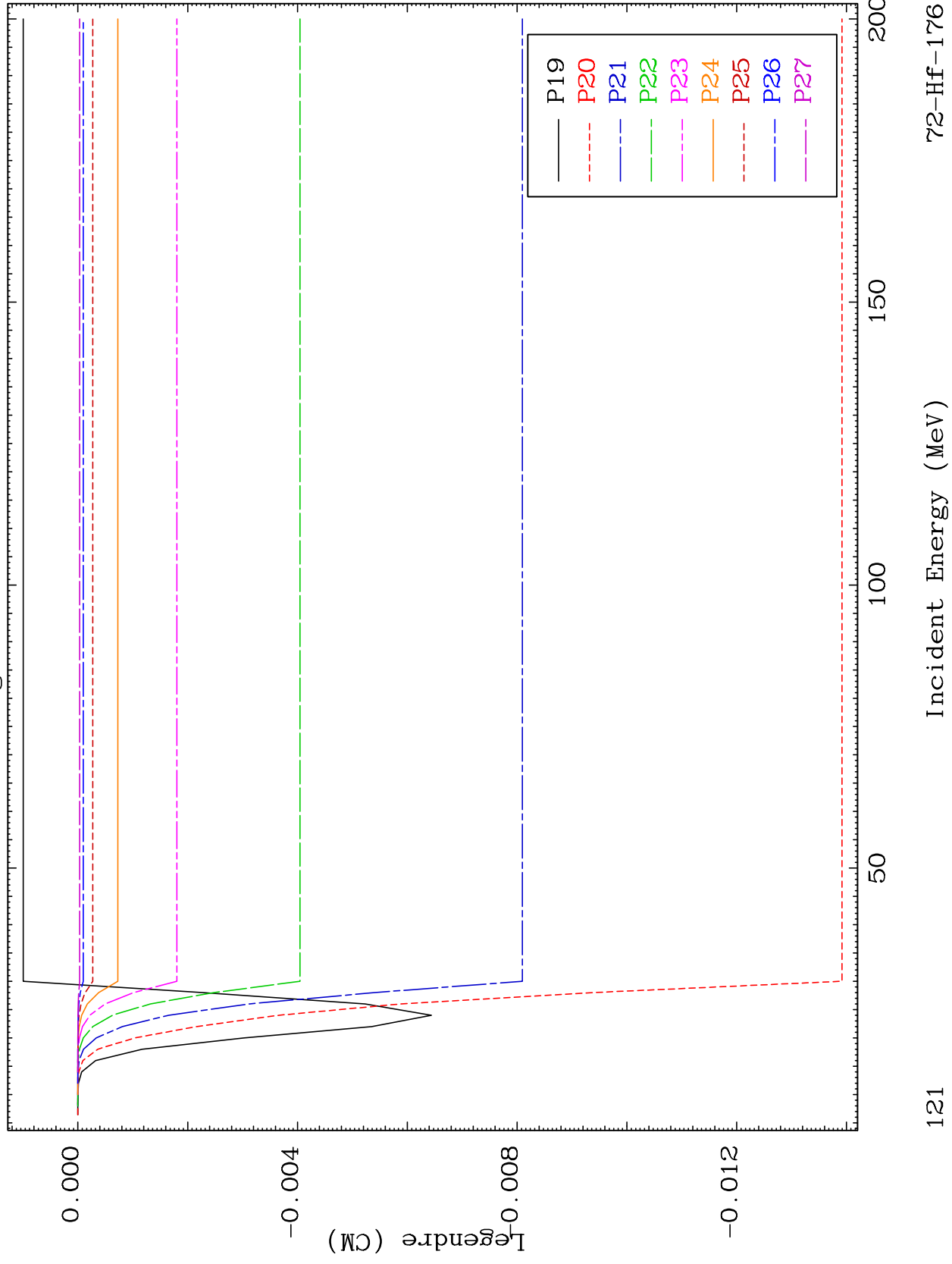
Incident Energy (MeV)

72-Hf-176

MAT 7231

72-Hf-176

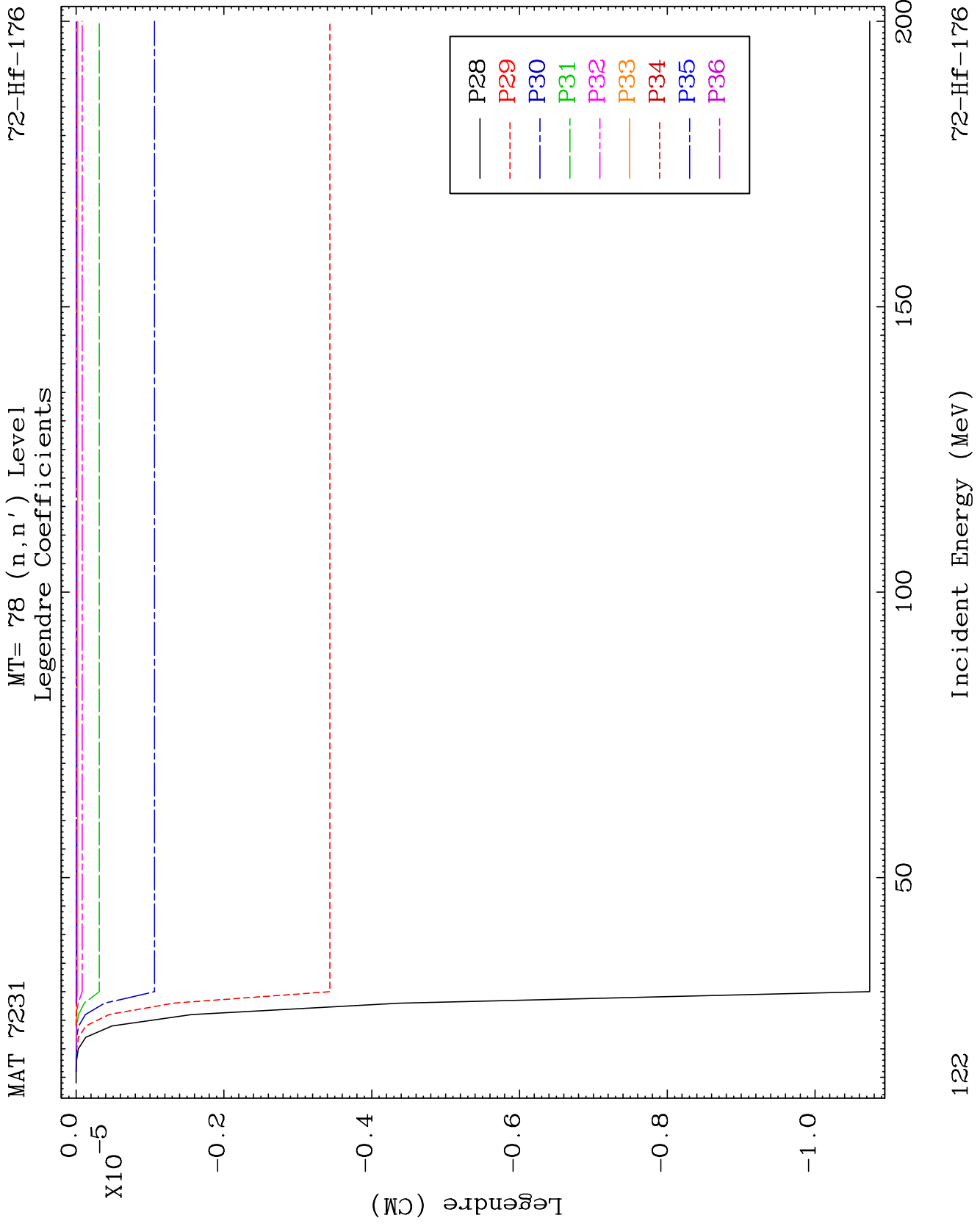
MT= 78 (n,n') Level
Legendre Coefficients



121

Incident Energy (MeV)

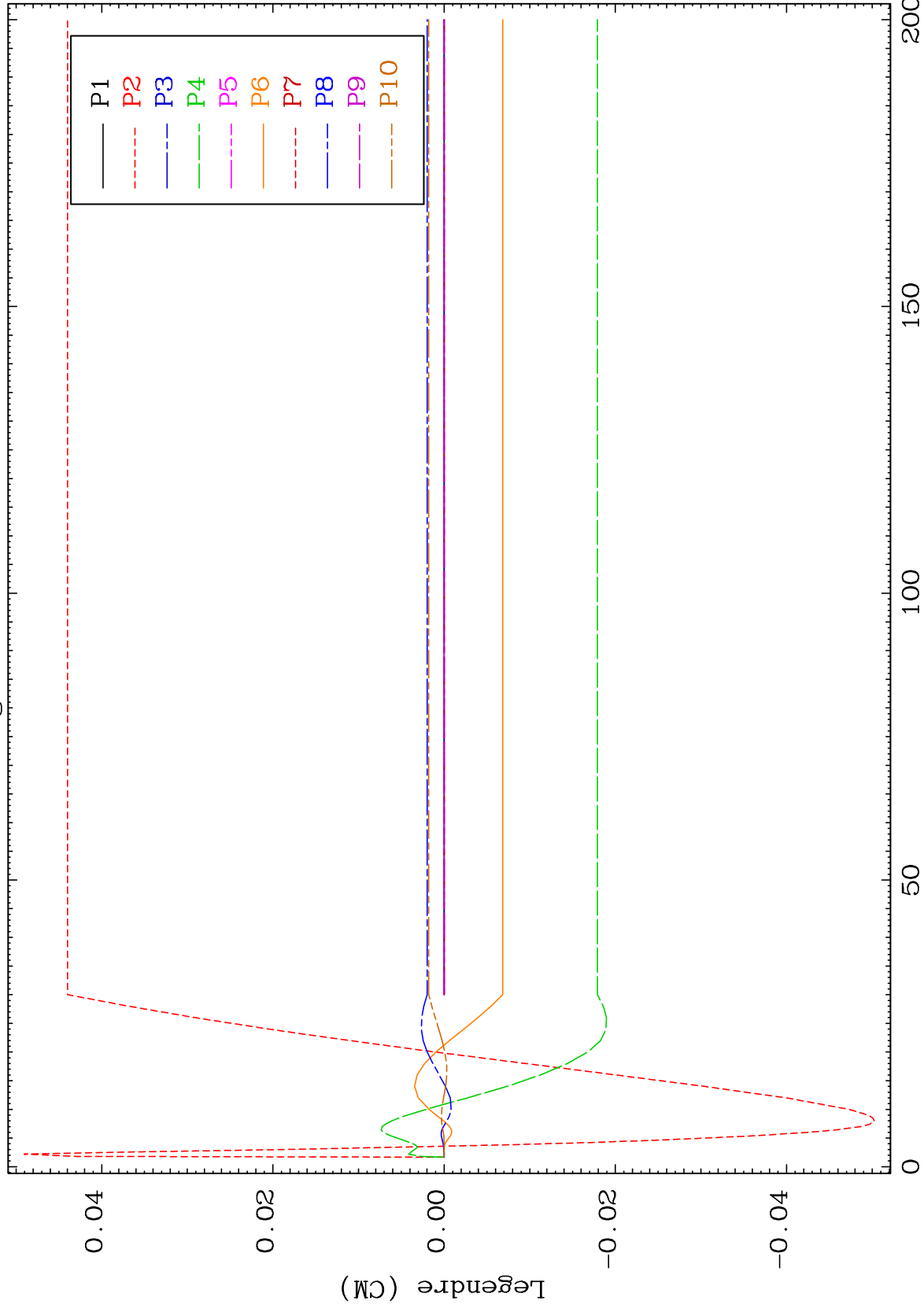
72-Hf-176



MAT 7231

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

72-Hf-176



72-Hf-176

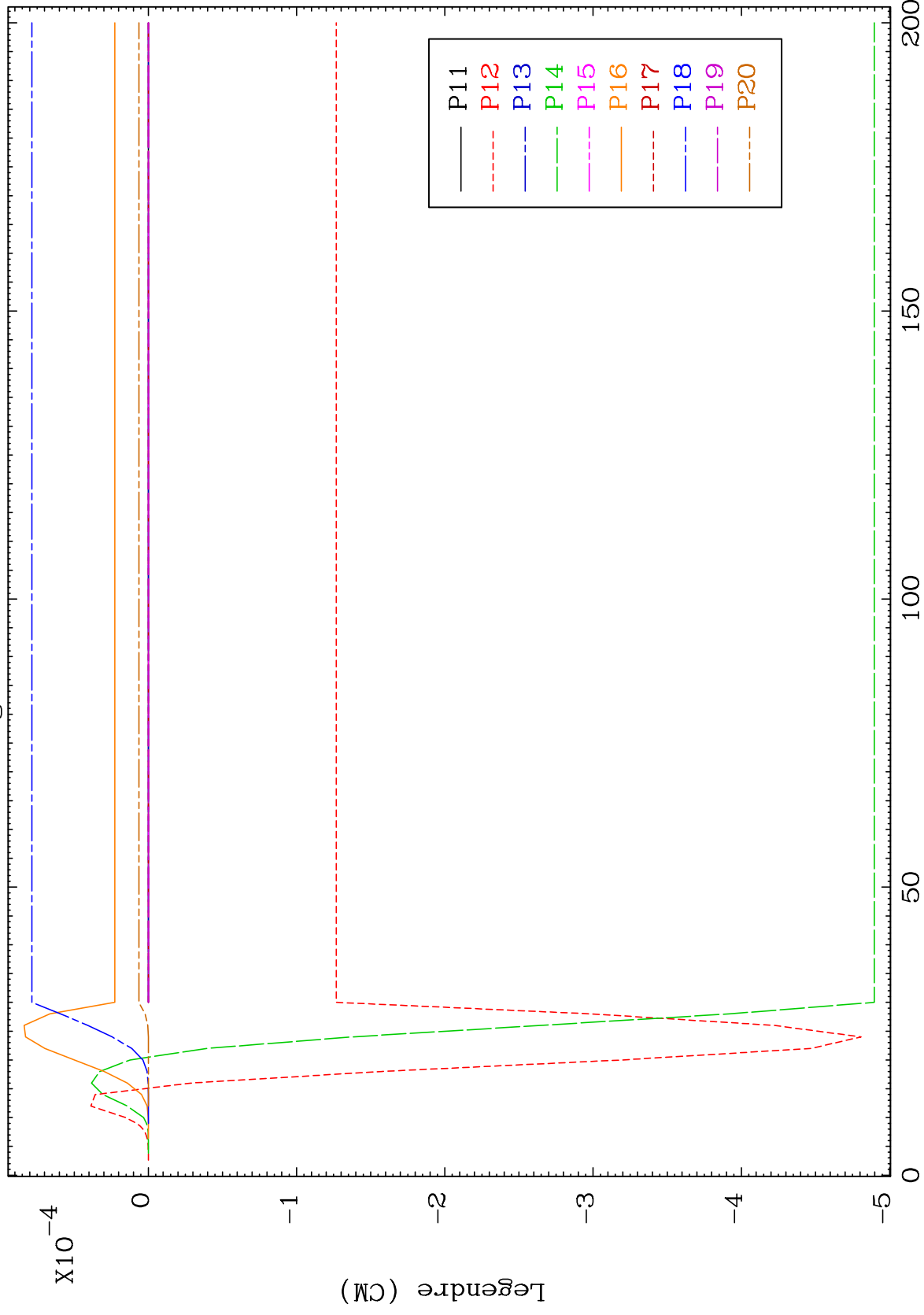
Incident Energy (MeV)

123

MAT 7231

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

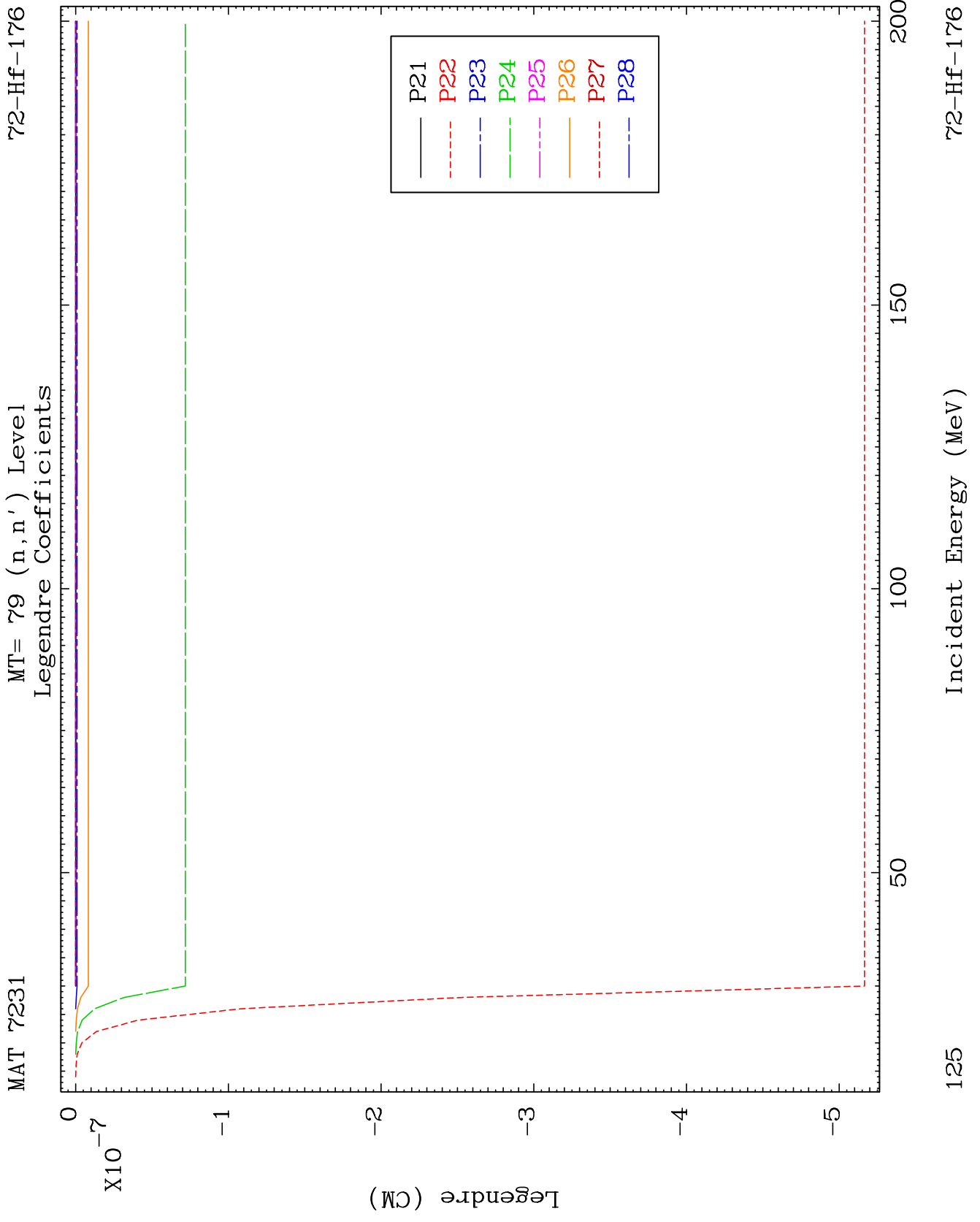
72-Hf-176

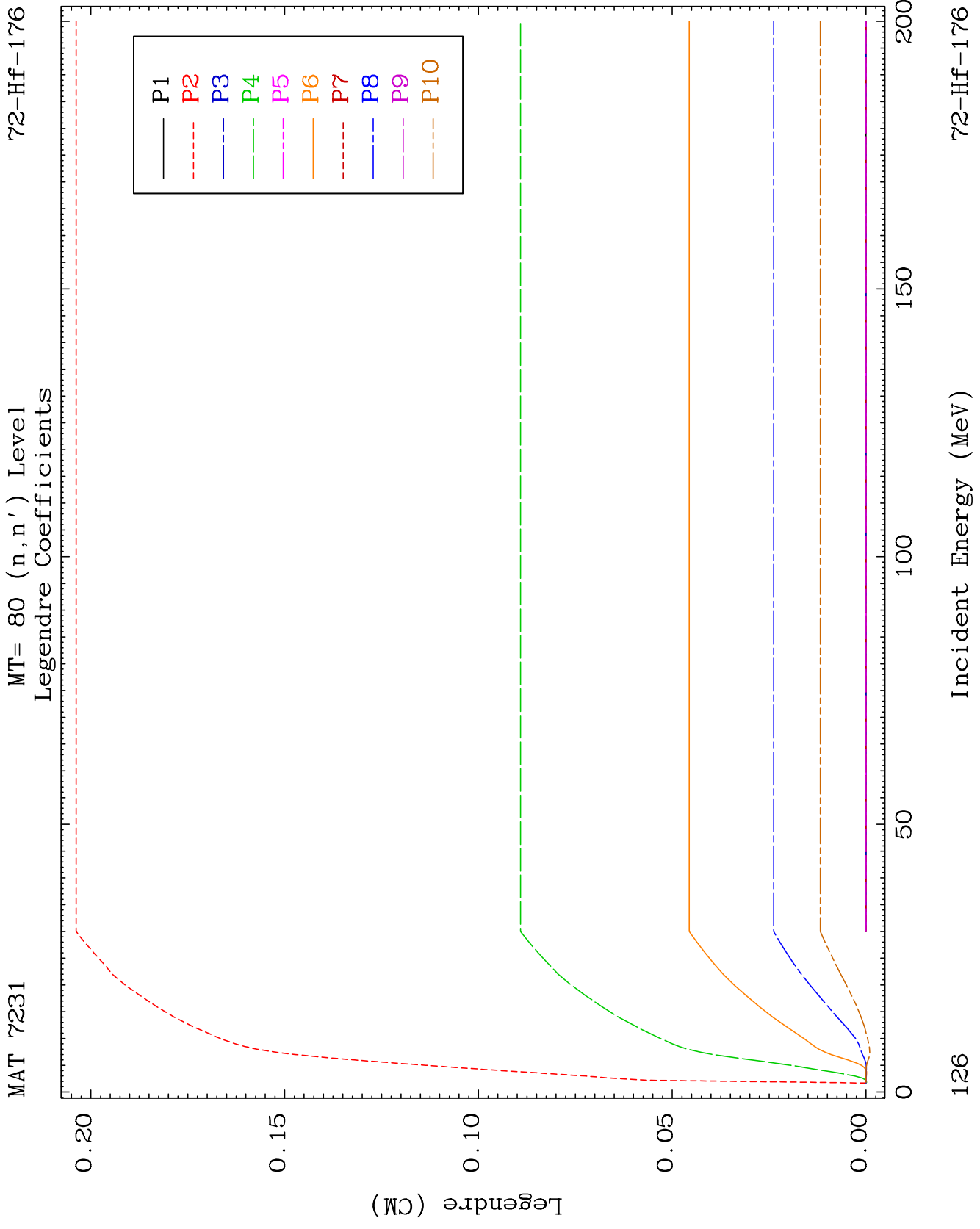


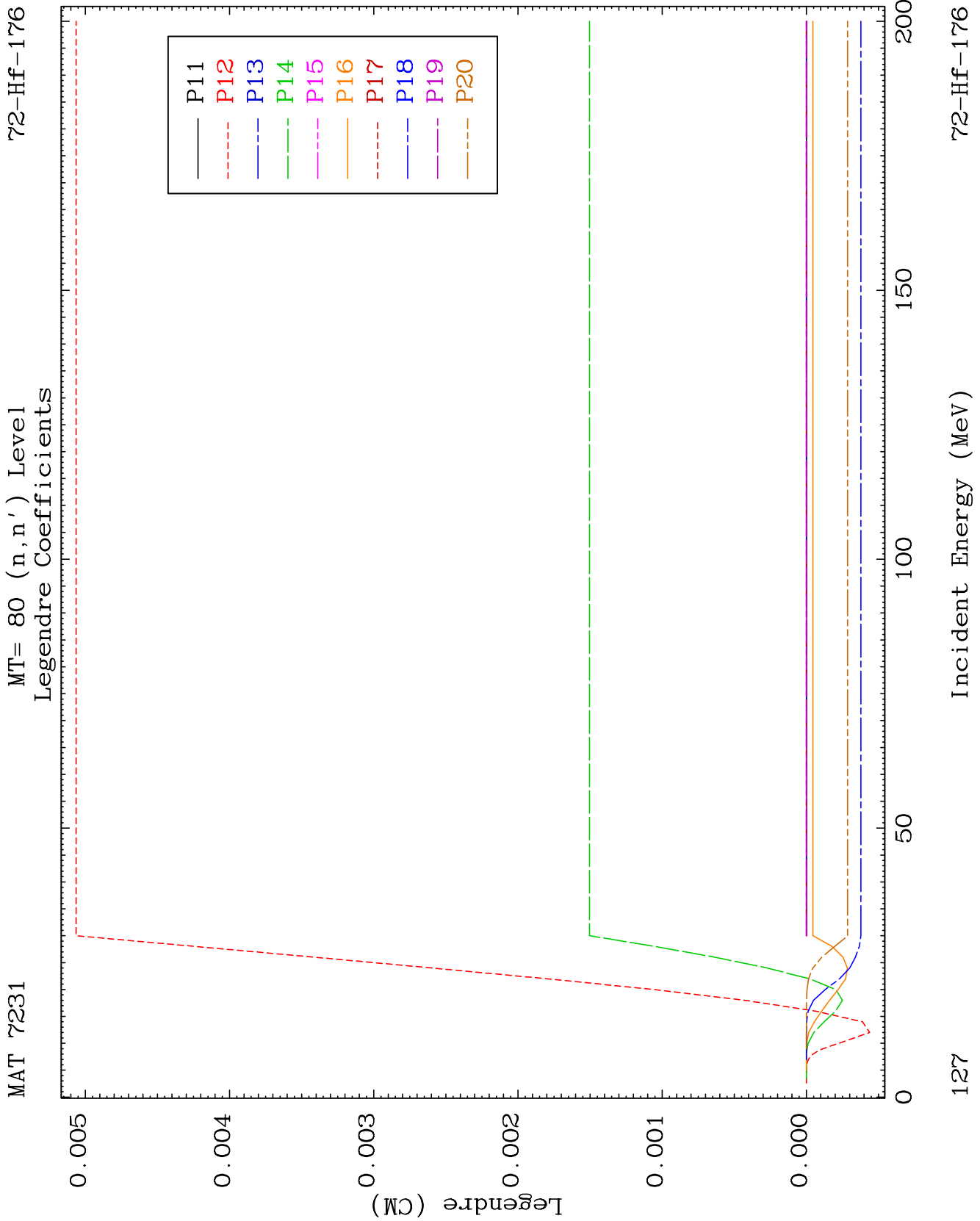
124

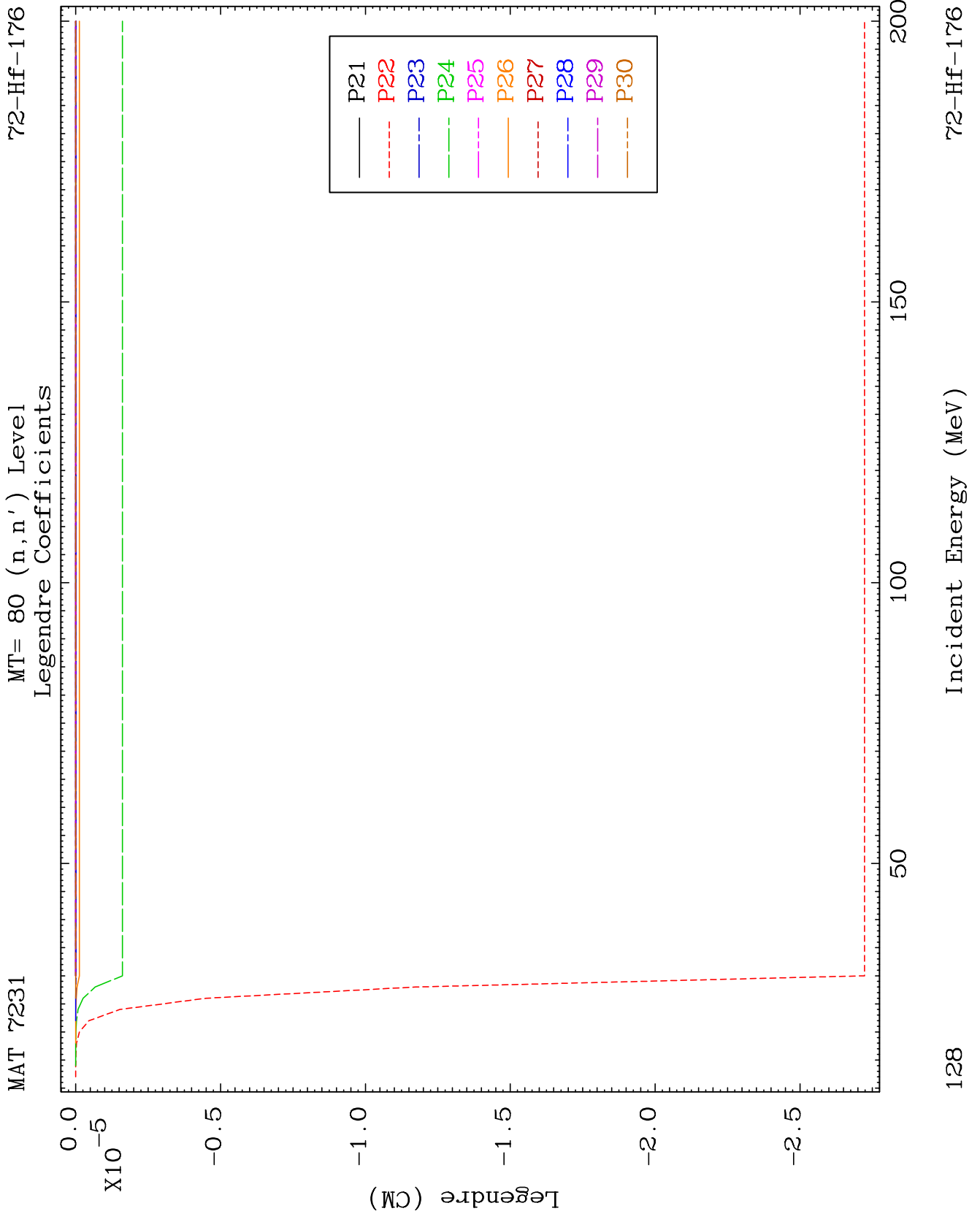
Incident Energy (MeV)

72-Hf-176

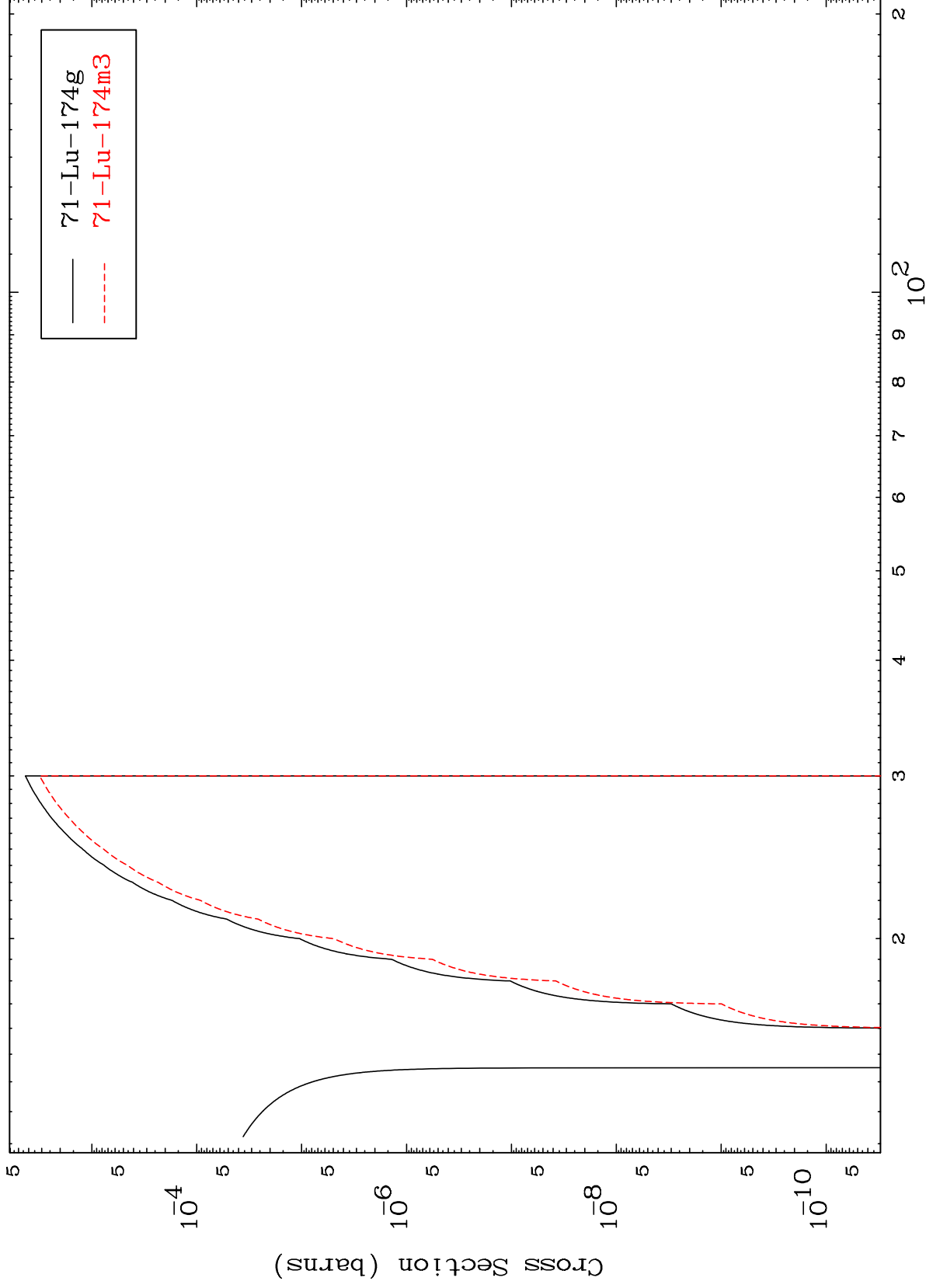








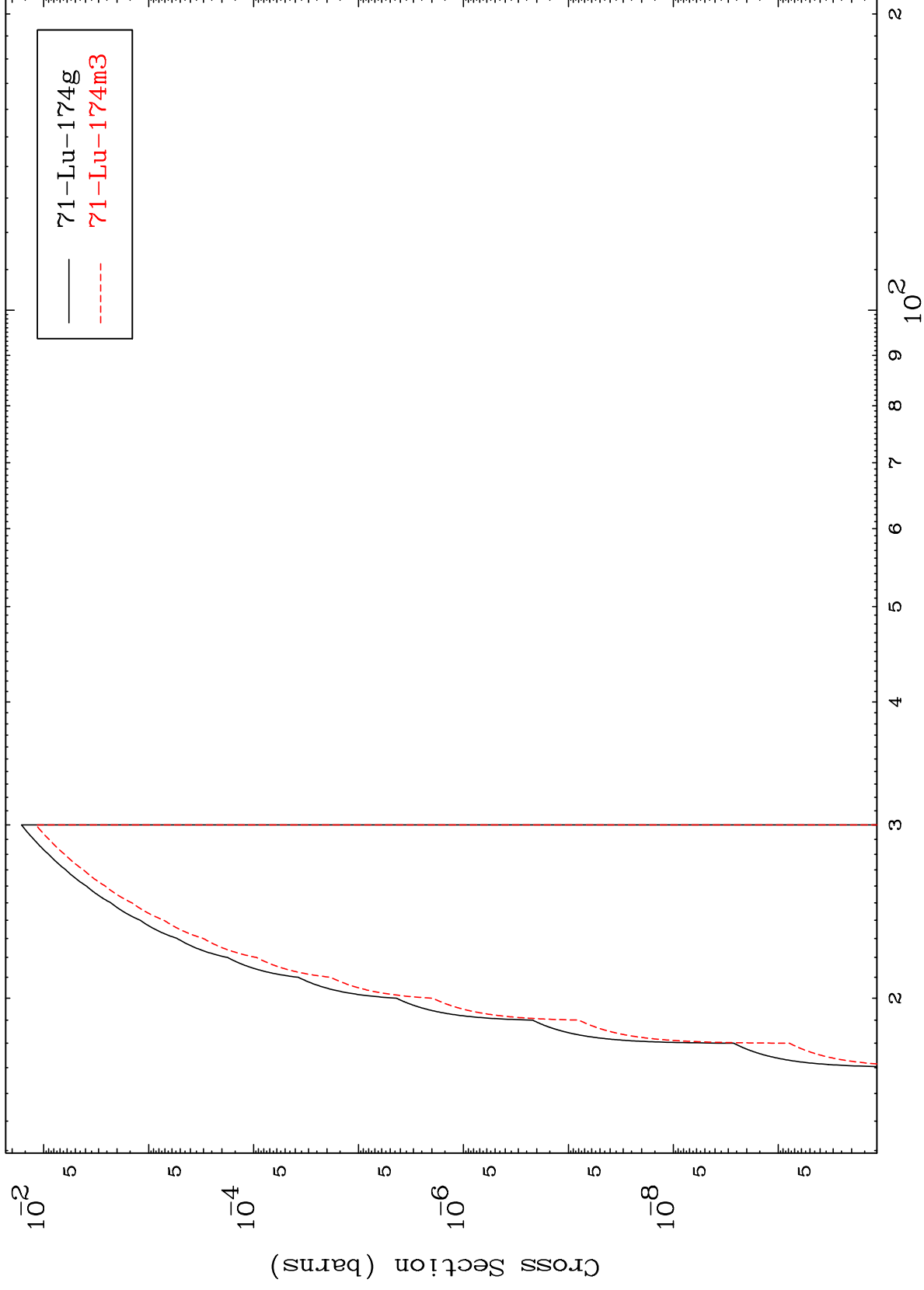
Radionuclide Production Cross Section



MAT 7231

72-Hf-176

(n,2n) p
Radionuclide Production Cross Section



130

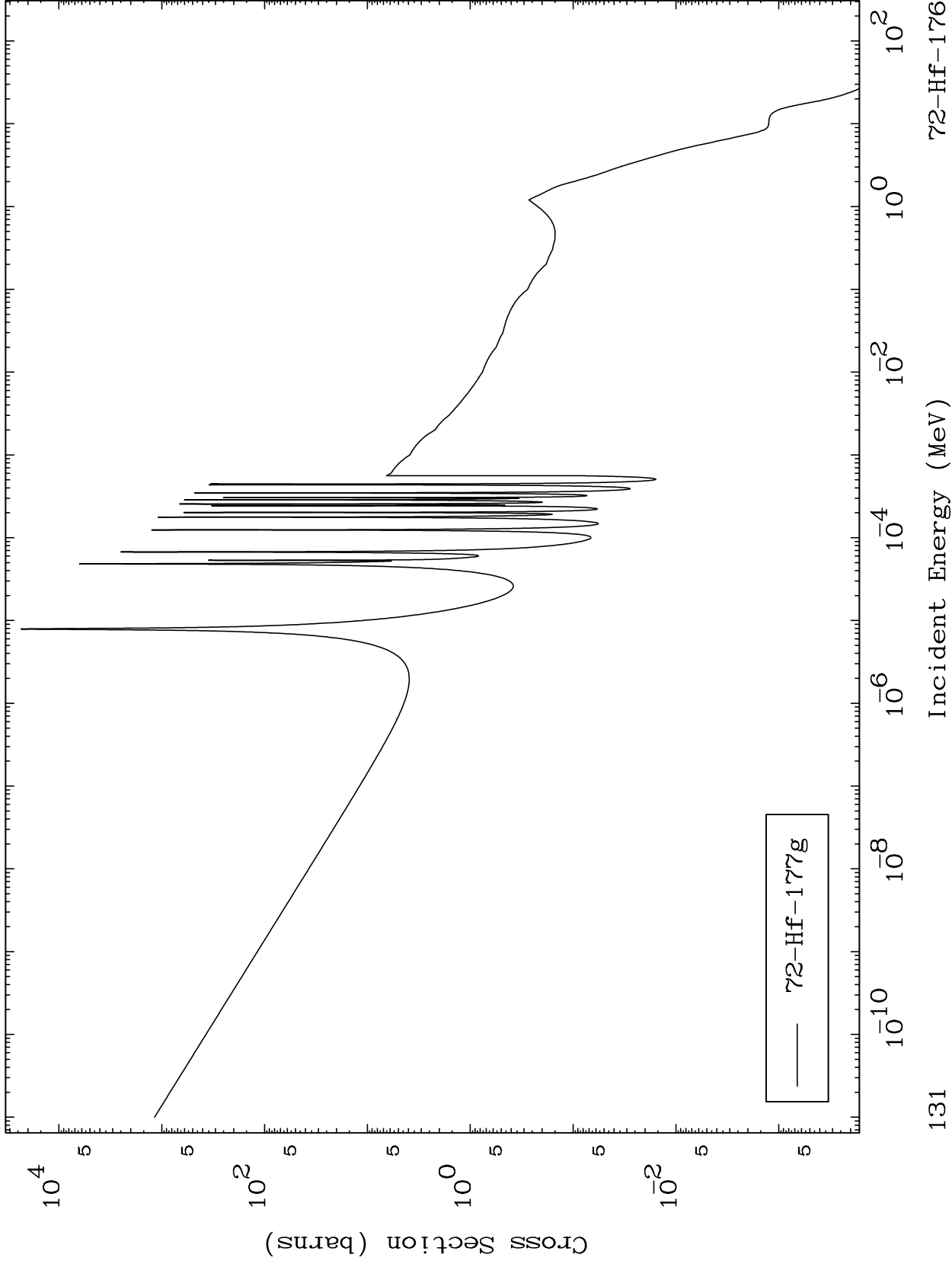
Incident Energy (MeV)

72-Hf-176

MAT 7231

72-Hf-176

(n, γ)
Radionuclide Production Cross Section



131

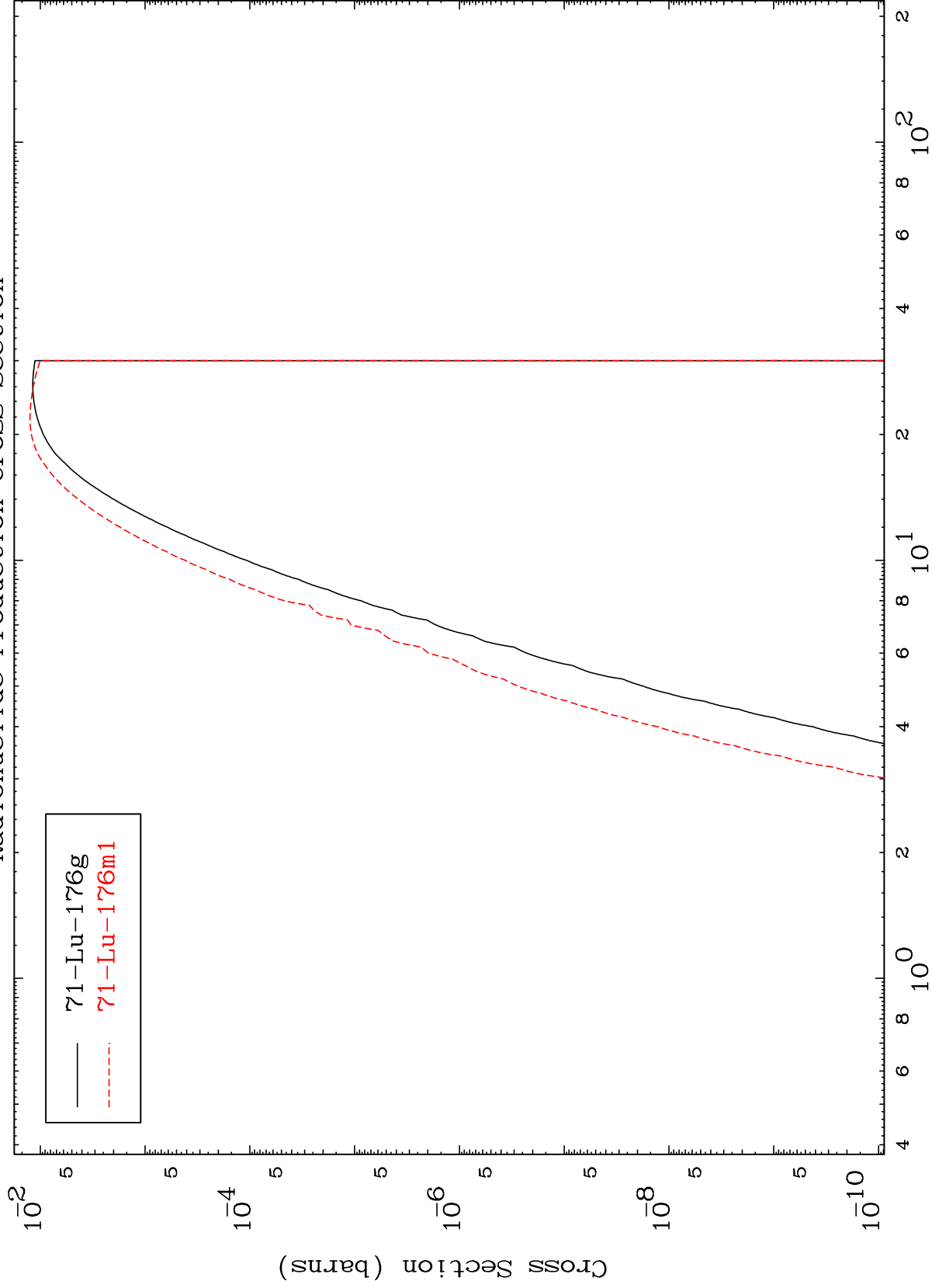
72-Hf-176

Incident Energy (MeV)

MAT 7231

72-Hf-176

(n,p)
Radionuclide Production Cross Section



132

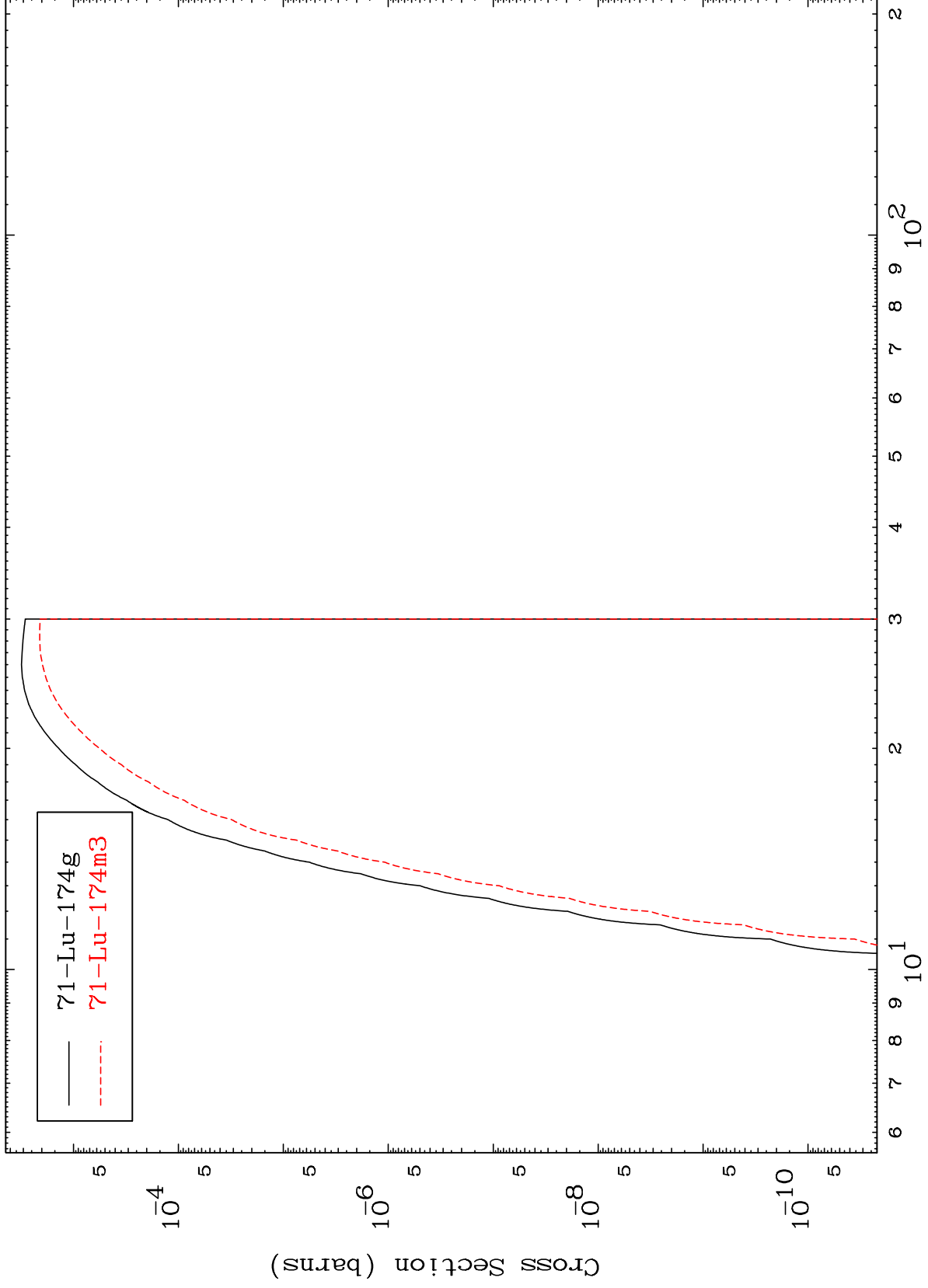
Incident Energy (MeV)

72-Hf-176

MAT 7231

72-Hf-176

(n, t)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

72-Hf-176